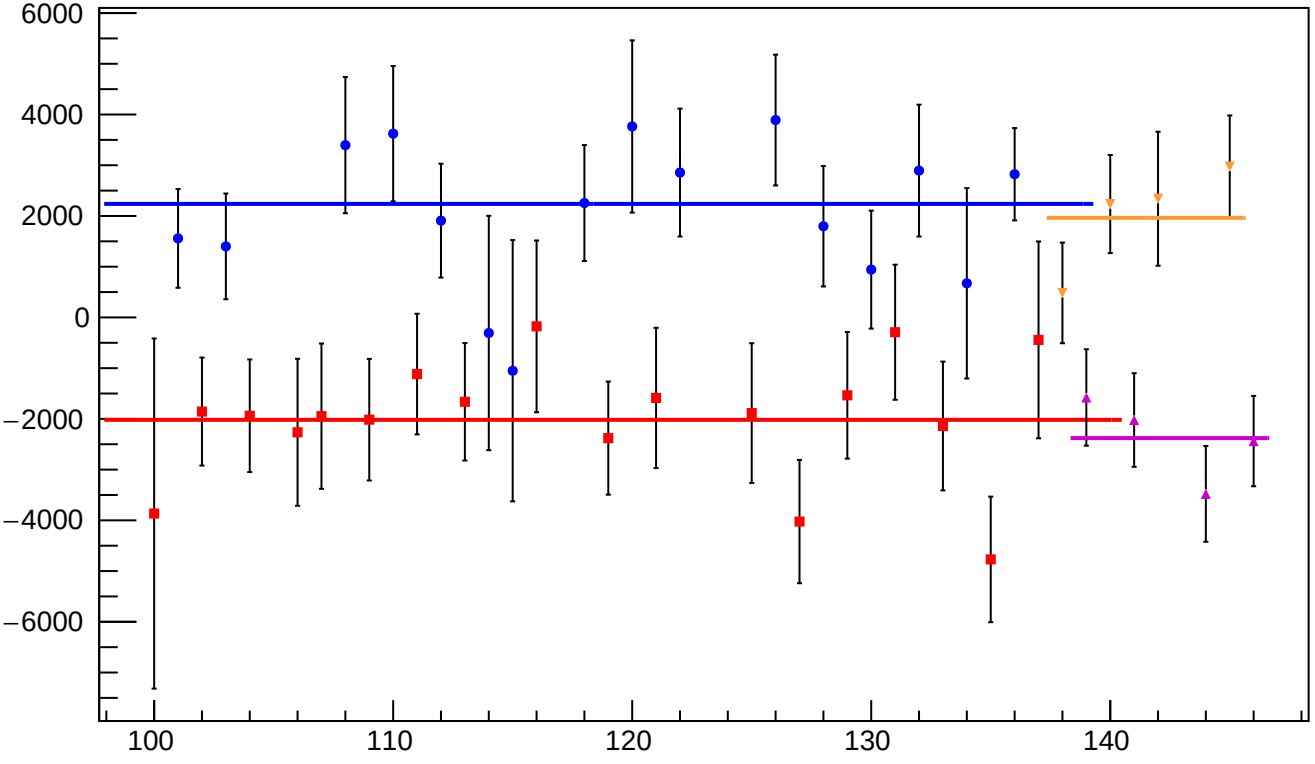
dit_asym_us_avg_mean vs Slug



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

Left Out: 1963.036+/-523.797 χ^2/NDF:3.4/3

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

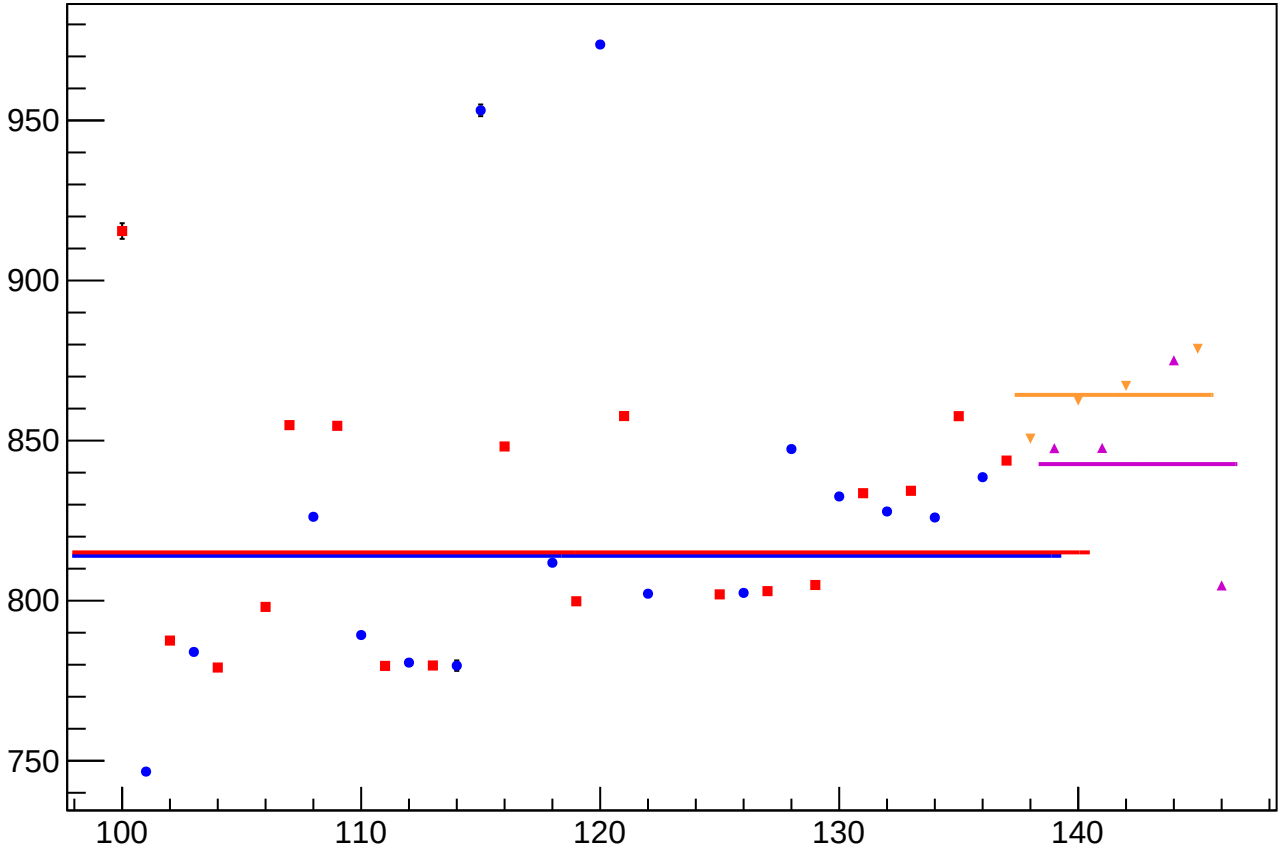
Left In: -2378.900+/-463.035 χ^2/NDF:2.2/3

+ sign 2165.039+/-269.721 χ^2/NDF: 14.9/19

All: -88.653+/-185.931 χ^2/NDF: 163.2/41

- sign -2129.316+/-256.657 χ^2/NDF: 15.2/21

dit_asym_us_avg_rms vs Slug



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

Left Out: 864.283+/-0.370 χ^2/NDF:803.0/3

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

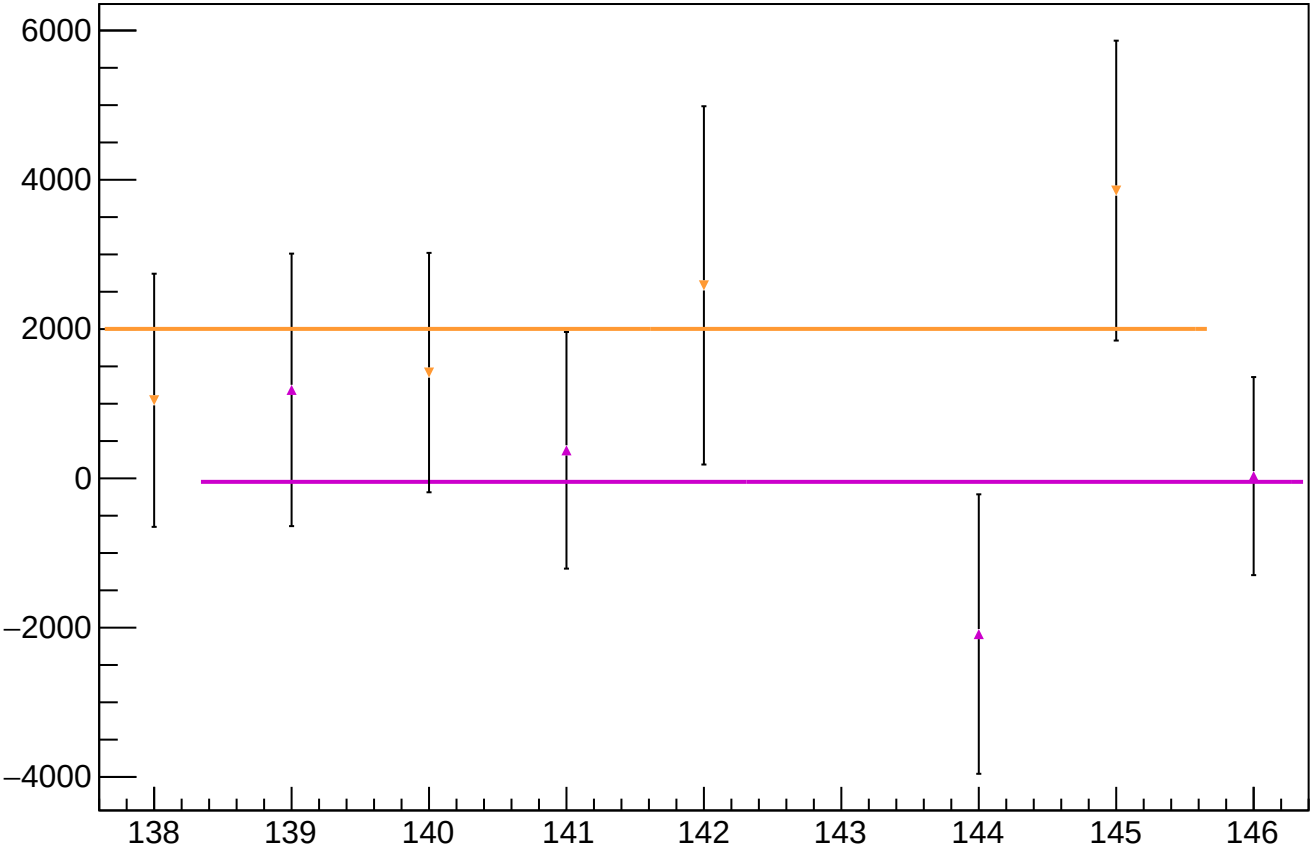
Left In: 842.663+/-0.327 χ^2/NDF:6095.0/3

+ sign 827.348+/-0.191 χ^2/NDF: 56377.0/19

All: 825.359+/-0.131 χ^2/NDF: 87553.8/41

- sign 823.558+/-0.181 χ^2/NDF: 30969.5/21

asym_us_avg_correction_mean vs Slug



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

Left Out: 2002.509+/-929.203 χ^2/NDF:1.4/3

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

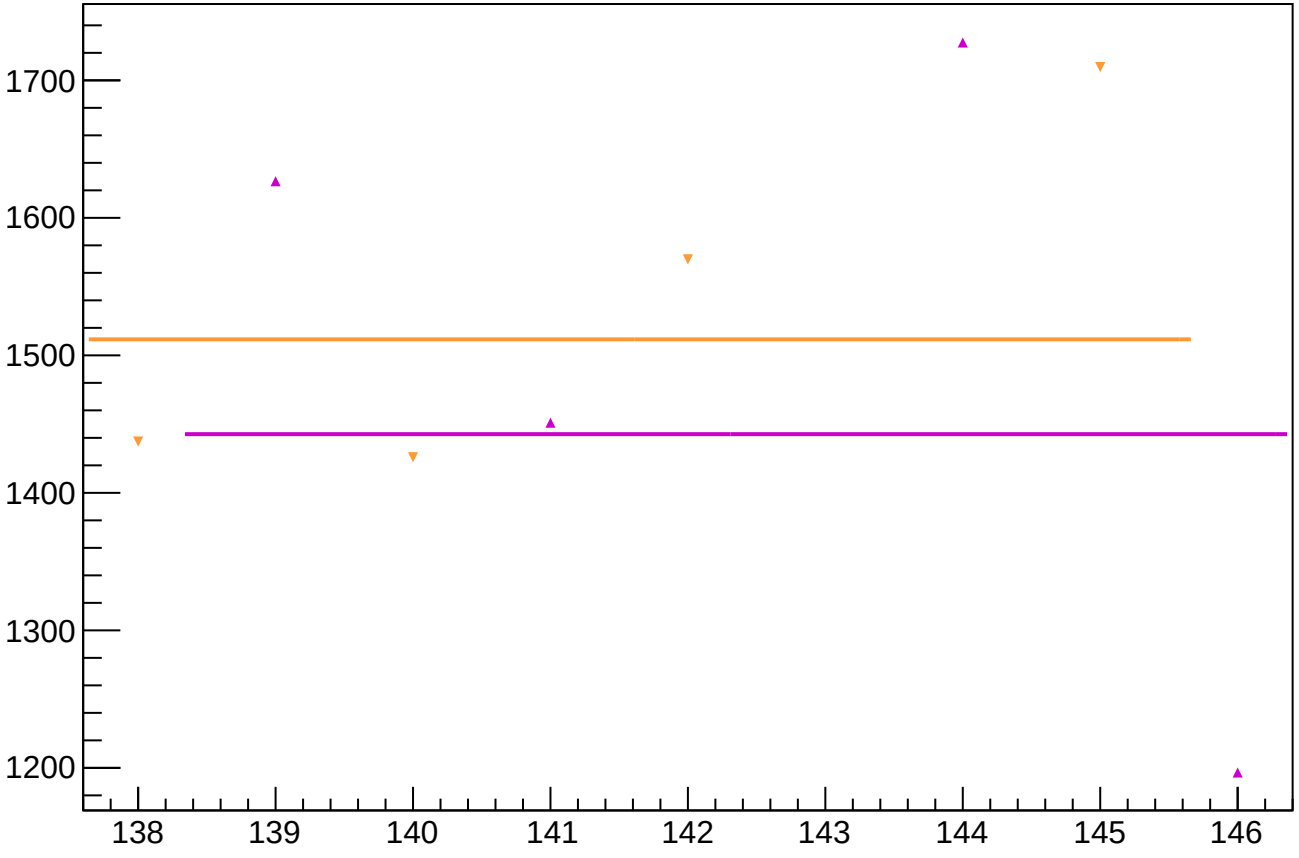
Left In: -46.624+/-802.783 χ^2/NDF:1.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 829.166+/-607.471 χ^2/NDF: 5.9/7

- 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: 1511.637+/-0.657 χ^2/NDF:30165.9/3

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

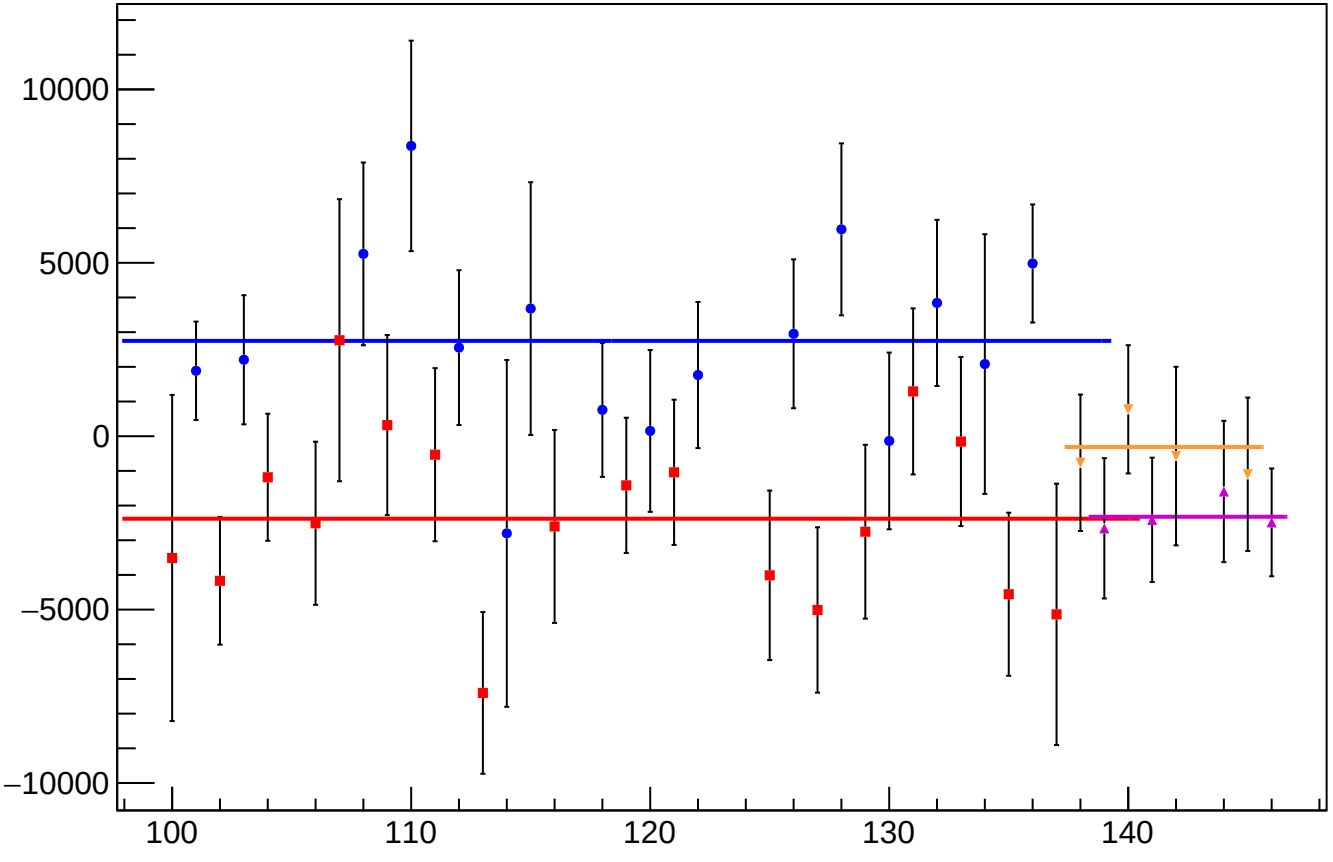
Left In: 1442.697+/-0.568 χ^2/NDF:135466.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1472.162+/-0.430 χ^2/NDF: 171936.0/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_mean vs Slug



Right In: 2748.777+/-562.943 χ^2/NDF: 13.5/15

Left Out: -310.969+/-1050.638 χ^2/NDF:0.5/3

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

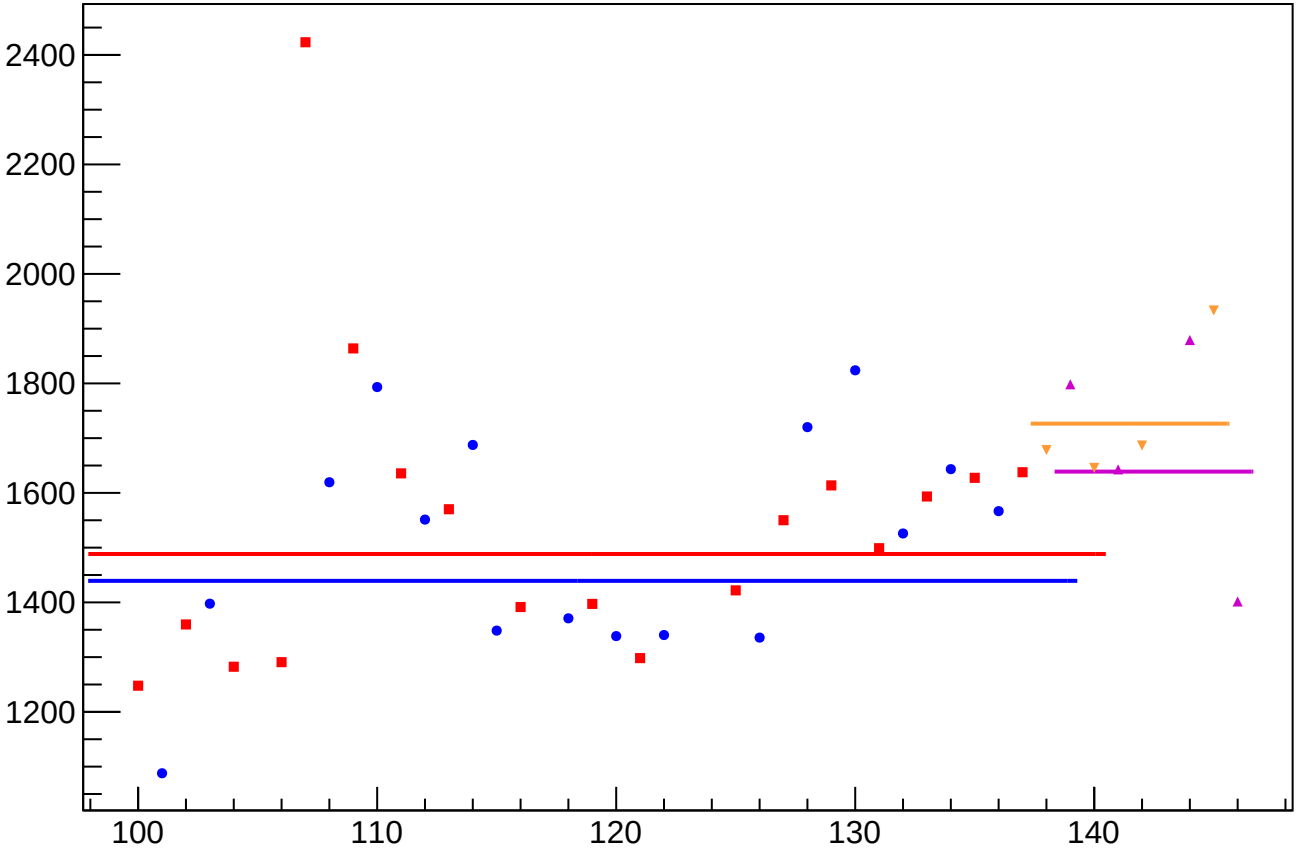
Left In: -2323.289+/-908.917 χ^2/NDF:0.2/3

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

All: -211.748+/-345.837 χ^2/NDF: 78.1/41

- sign -2363.639+/-482.270 χ^2/NDF: 16.4/21

asym_us_avg_rms vs Slug



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

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

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

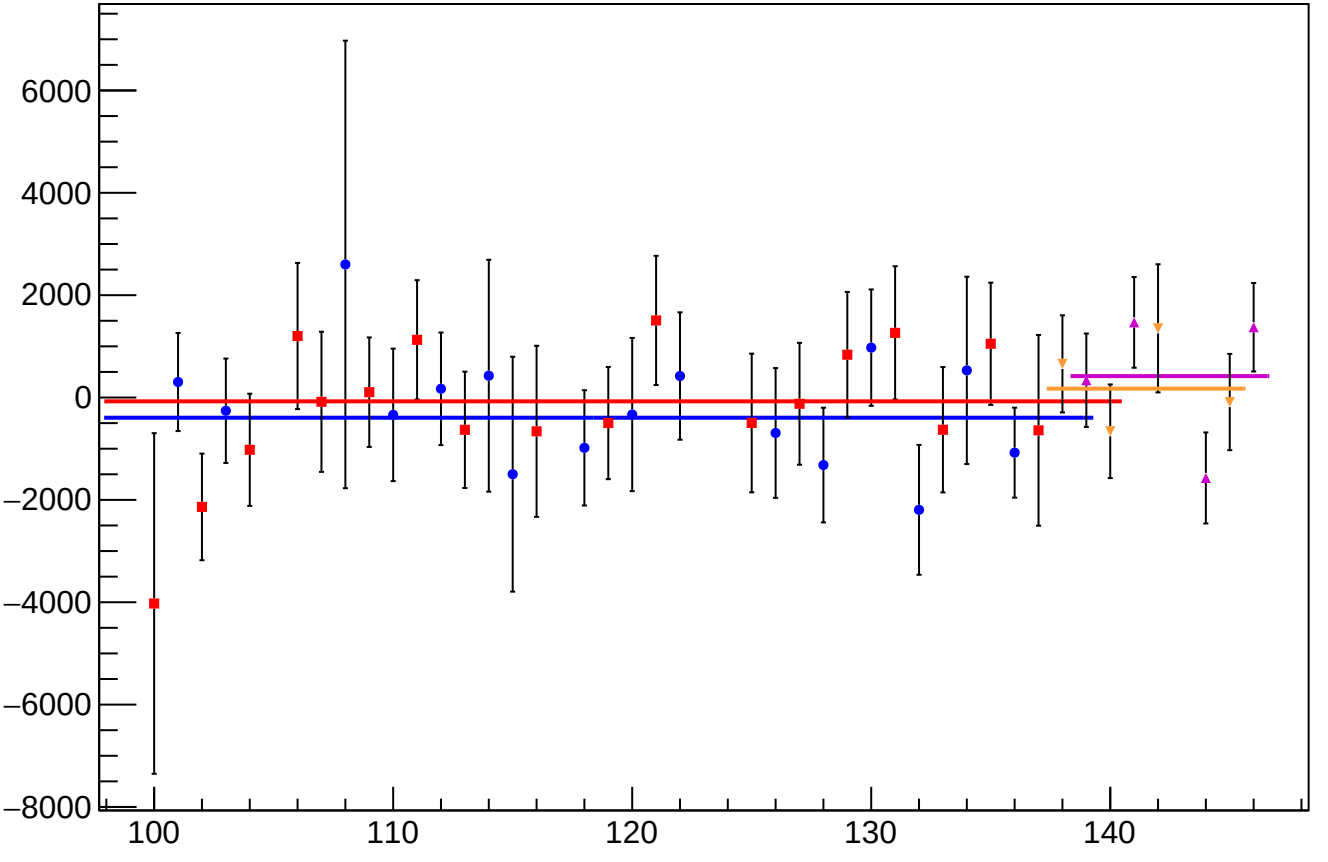
Left In: 1638.873+/-0.643 χ^2/NDF:86875.2/3

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

All: 1517.462+/-0.245 χ^2/NDF: 802655.7/41

- sign 1530.752+/-0.341 χ^2/NDF: 382590.8/21

dit_asym_us_dd_mean vs Slug



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

Left Out: 173.467+/-495.516 χ^2/NDF:2.1/3

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

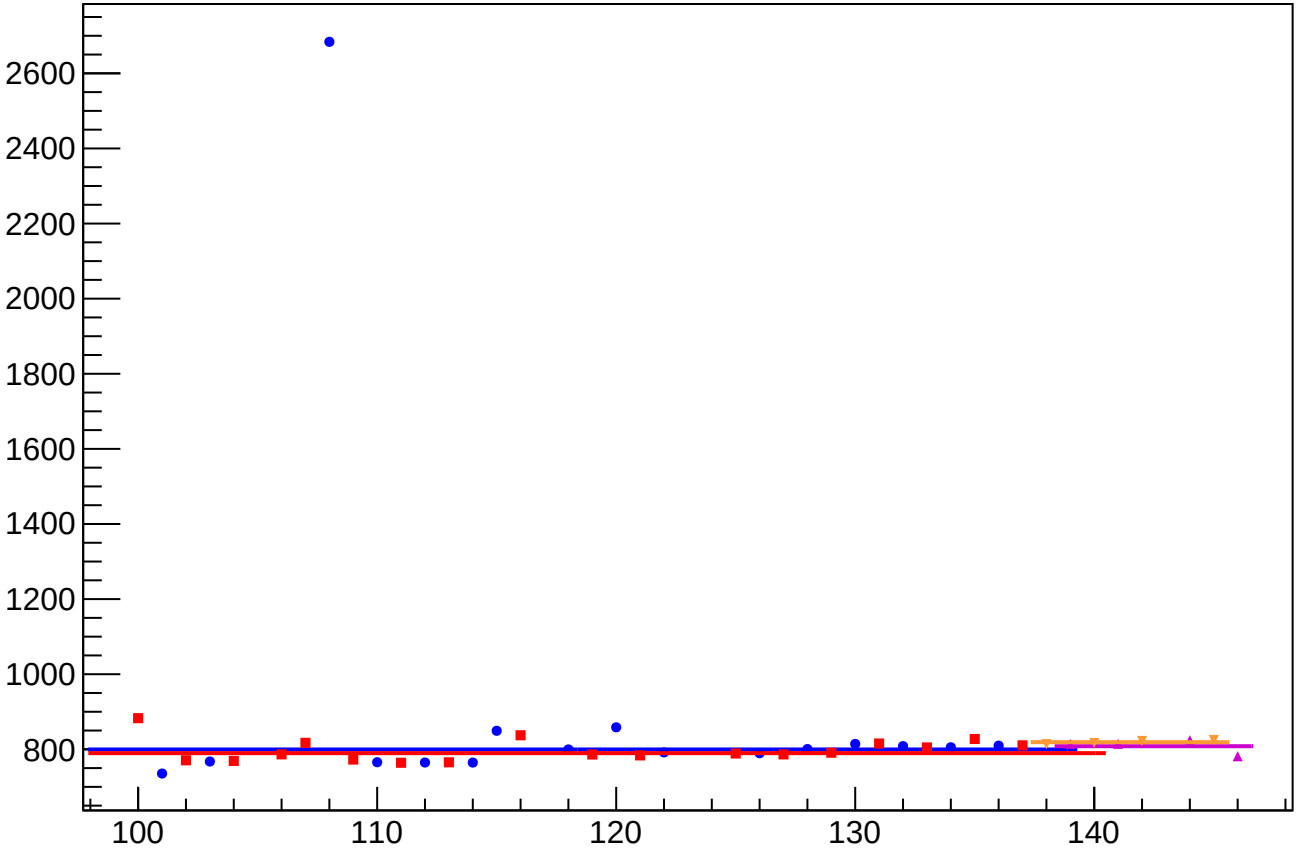
Left In: 418.817+/-443.892 χ^2/NDF:7.6/3

+ sign -232.287+/-264.733 χ^2/NDF: 10.4/19

All: -66.173+/-180.851 χ^2/NDF: 32.6/41

- sign 79.188+/-247.644 χ^2/NDF: 21.4/21

dit_asym_us_dd_rms vs Slug



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

Left Out: 819.026+/-0.350 χ^2/NDF:159.0/3

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

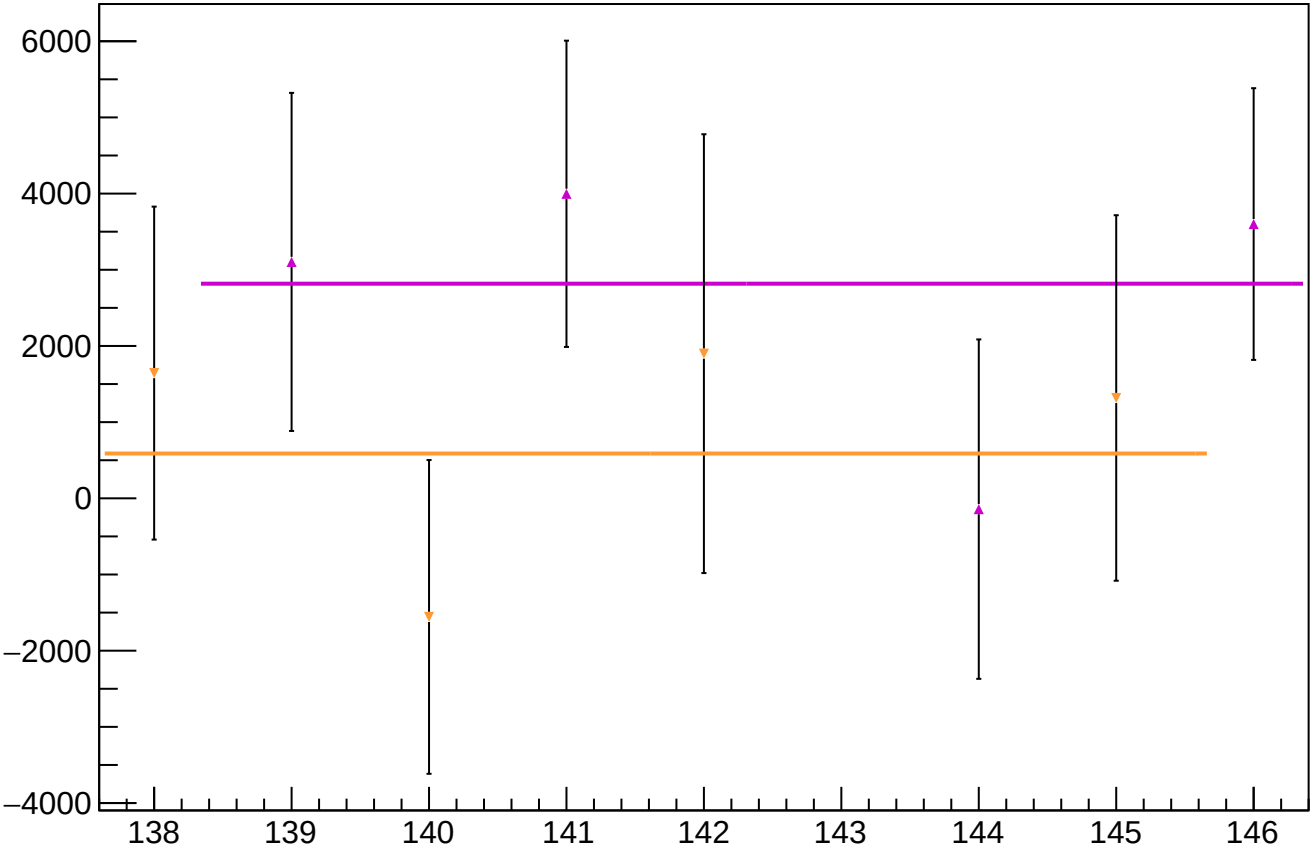
Left In: 808.276+/-0.314 χ^2/NDF:2746.8/3

+ sign 805.100+/-0.187 χ^2/NDF: 393555.7/19

All: 800.005+/-0.128 χ^2/NDF: 411254.5/41

- sign 795.546+/-0.175 χ^2/NDF: 16309.7/21

asym_us_dd_correction_mean vs Slug



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

Left Out: 588.165+/-1162.843 χ^2/NDF:1.6/3

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

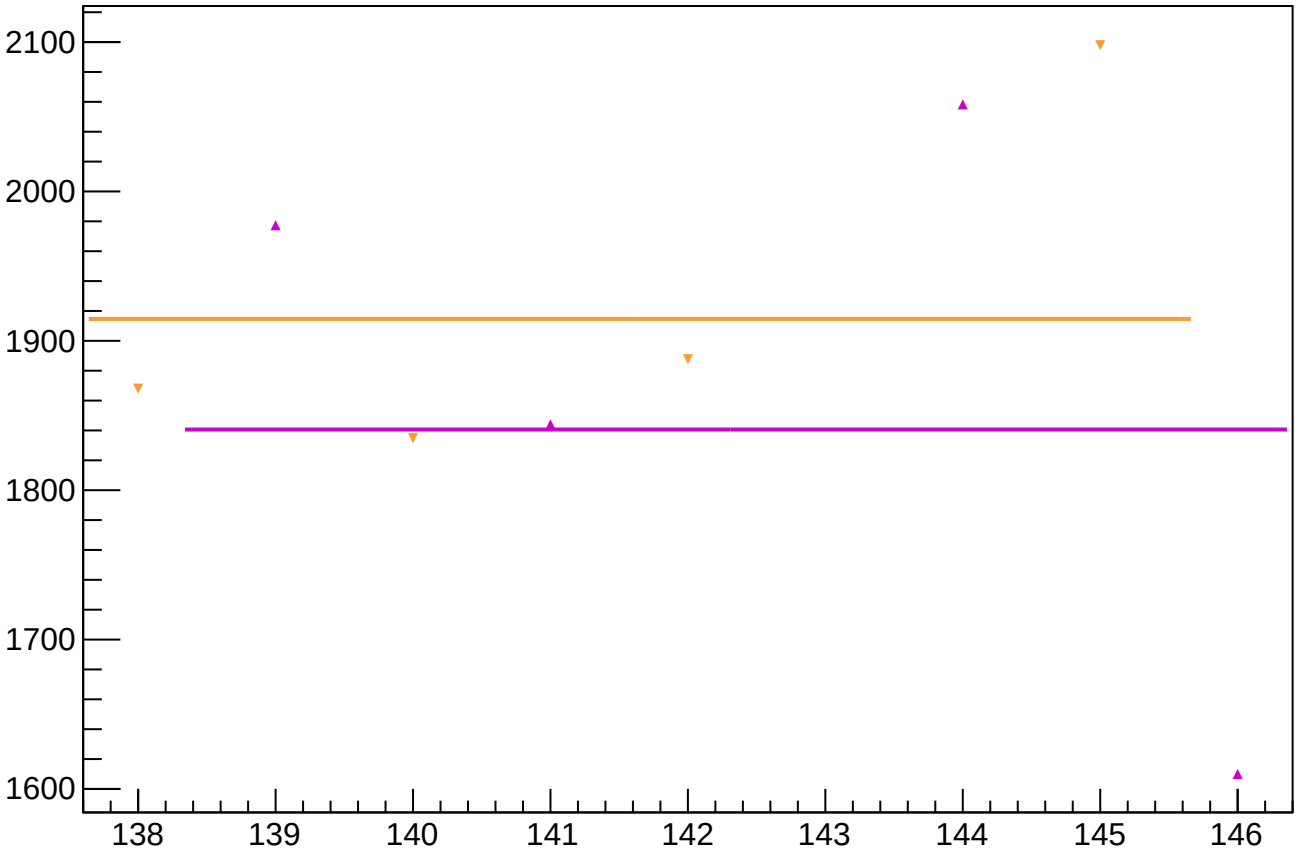
Left In: 2817.342+/-1017.129 χ^2/NDF:2.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1851.093+/-765.584 χ^2/NDF: 6.0/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_correction_rms vs Slug



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

Left Out: 1914.659+/-0.822 χ^2/NDF:15764.9/3

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

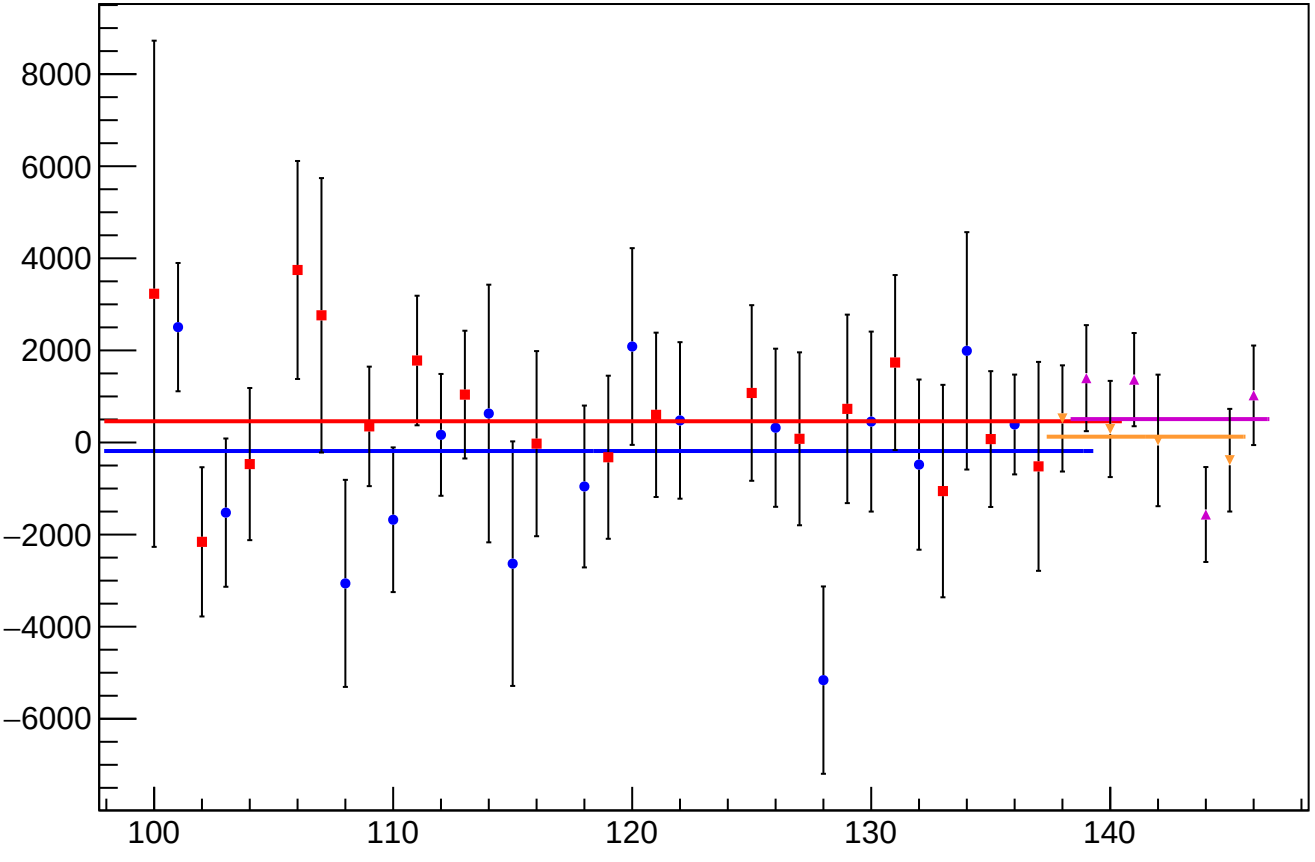
Left In: 1840.624+/-0.719 χ^2/NDF:60140.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1872.715+/-0.541 χ^2/NDF: 80498.8/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_mean vs Slug



Right In: -185.054+/-431.495 χ^2/NDF: 16.6/15

Left Out: 126.286+/-580.923 χ^2/NDF:0.4/3

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

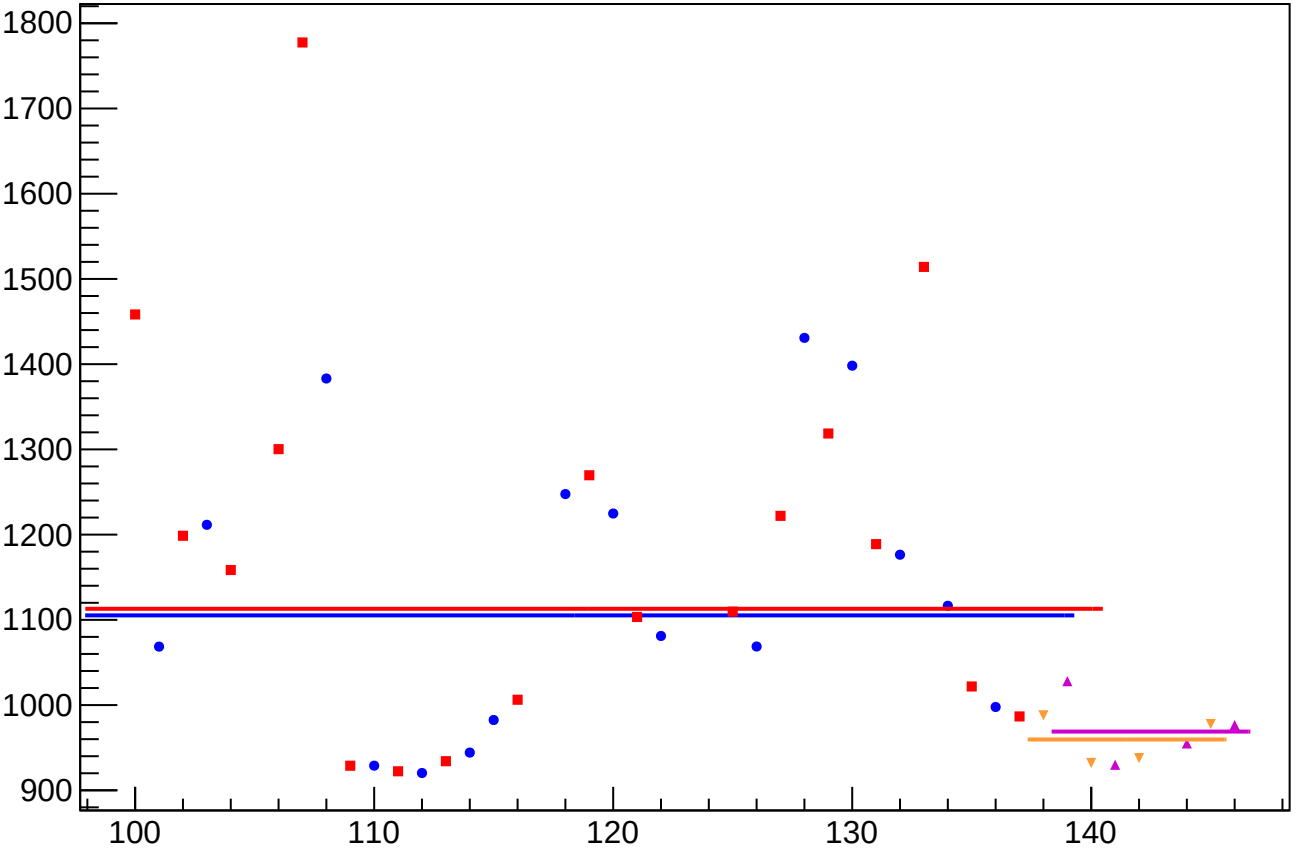
Left In: 508.287+/-532.453 χ^2/NDF:5.6/3

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

All: 213.505+/-240.090 χ^2/NDF: 32.4/41

- sign 479.658+/-333.076 χ^2/NDF: 13.9/21

asym_us_dd_rms vs Slug



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

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

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

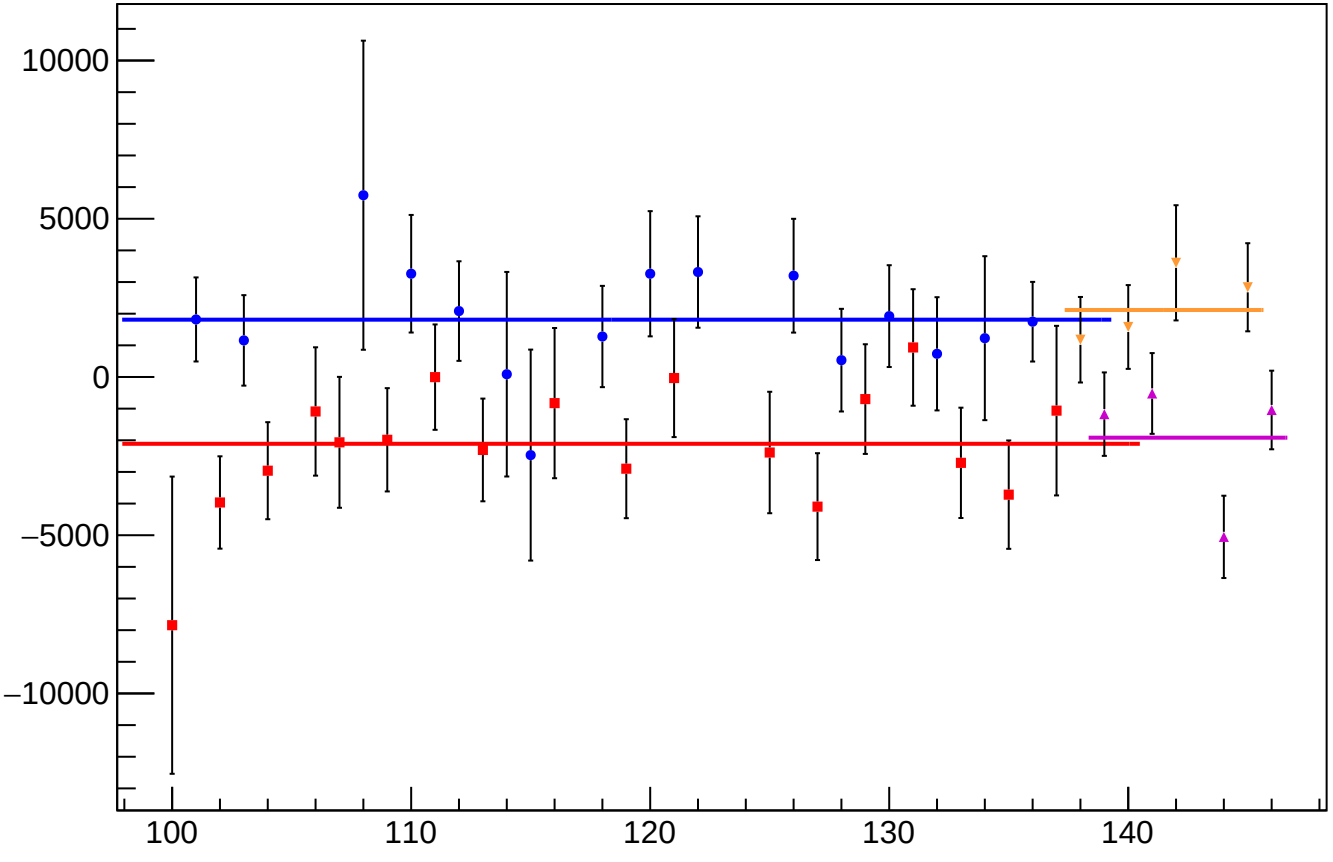
Left In: 968.914+/-0.377 χ^2/NDF:8699.1/3

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

All: 1055.092+/-0.170 χ^2/NDF: 800844.9/41

- sign 1056.601+/-0.236 χ^2/NDF: 460809.0/21

dit_asym_usl_mean vs Slug



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

Left Out: 2116.931+/-718.705 χ^2/NDF:1.6/3

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

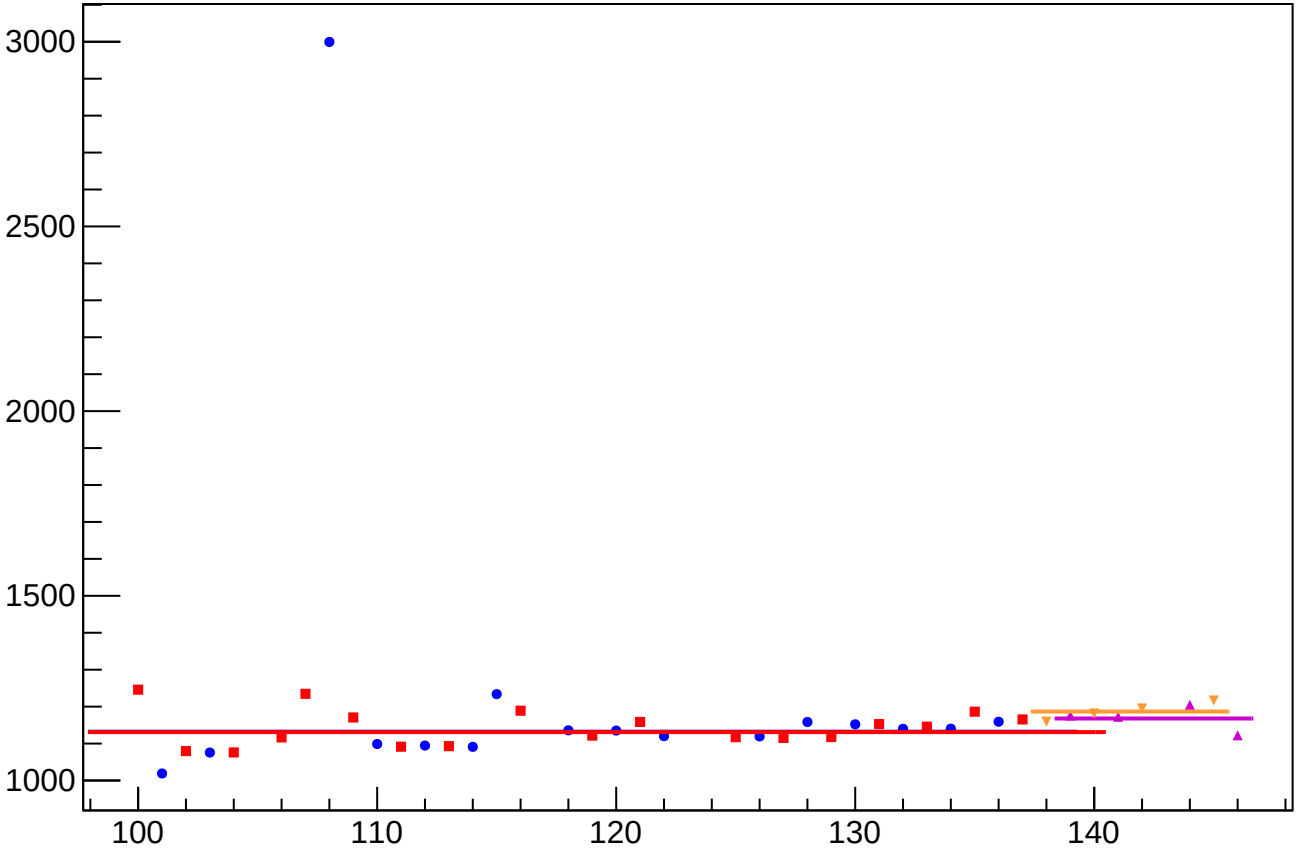
Left In: -1917.935+/-641.605 χ^2/NDF:7.8/3

+ sign 1895.033+/-376.586 χ^2/NDF: 8.2/19

All: -189.856+/-258.649 χ^2/NDF: 87.1/41

- sign -2051.609+/-355.864 χ^2/NDF: 20.9/21

dit_asym_usl_rms vs Slug



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

Left Out: 1186.659+/-0.508 χ^2/NDF:1831.6/3

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

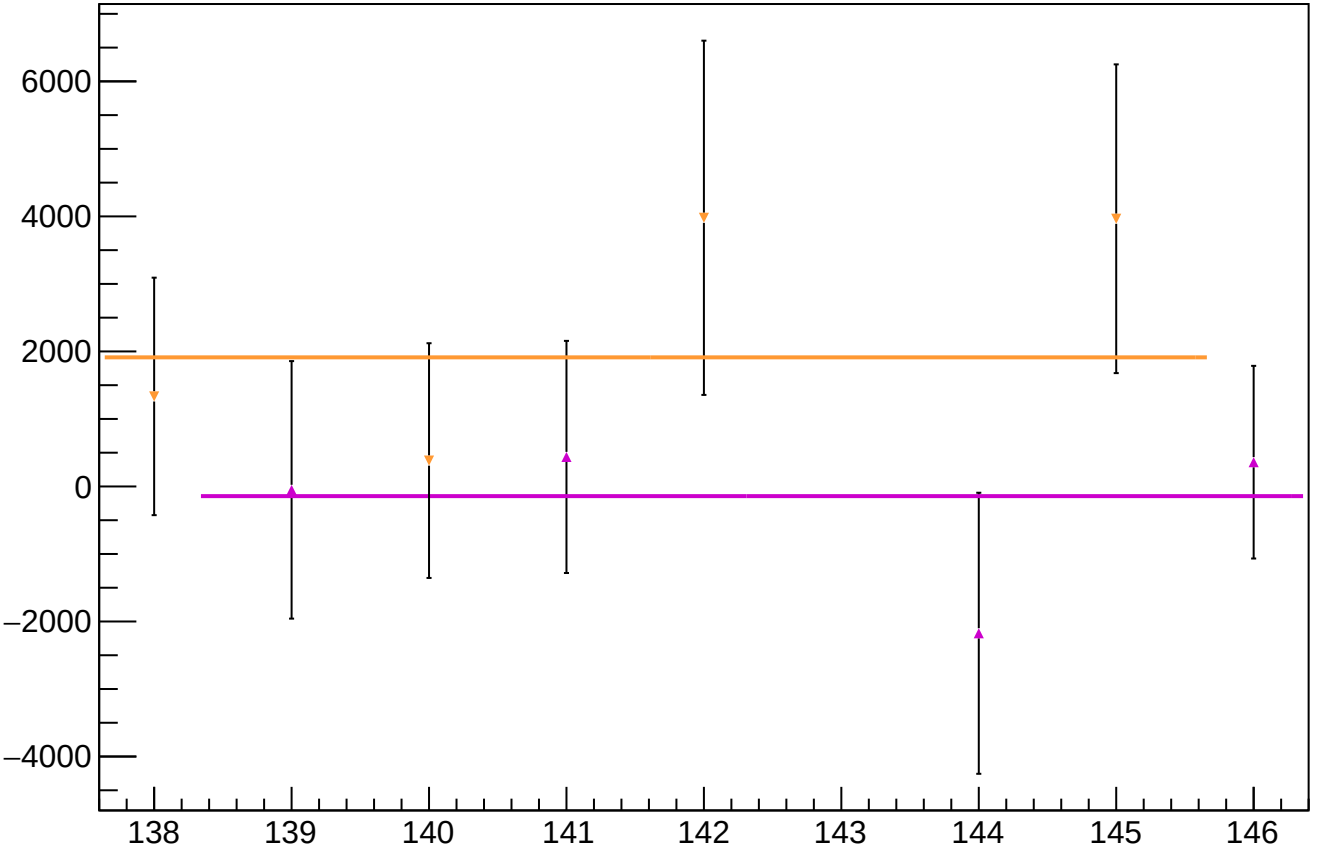
Left In: 1167.852+/-0.454 χ^2/NDF:4393.7/3

+ sign 1147.061+/-0.266 χ^2/NDF: 326226.8/19

All: 1144.571+/-0.183 χ^2/NDF: 355069.4/41

- sign 1142.348+/-0.252 χ^2/NDF: 28677.1/21

asym_usl_correction_mean vs Slug



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

Left Out: 1912.208+/-1004.604 χ^2/NDF:2.3/3

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

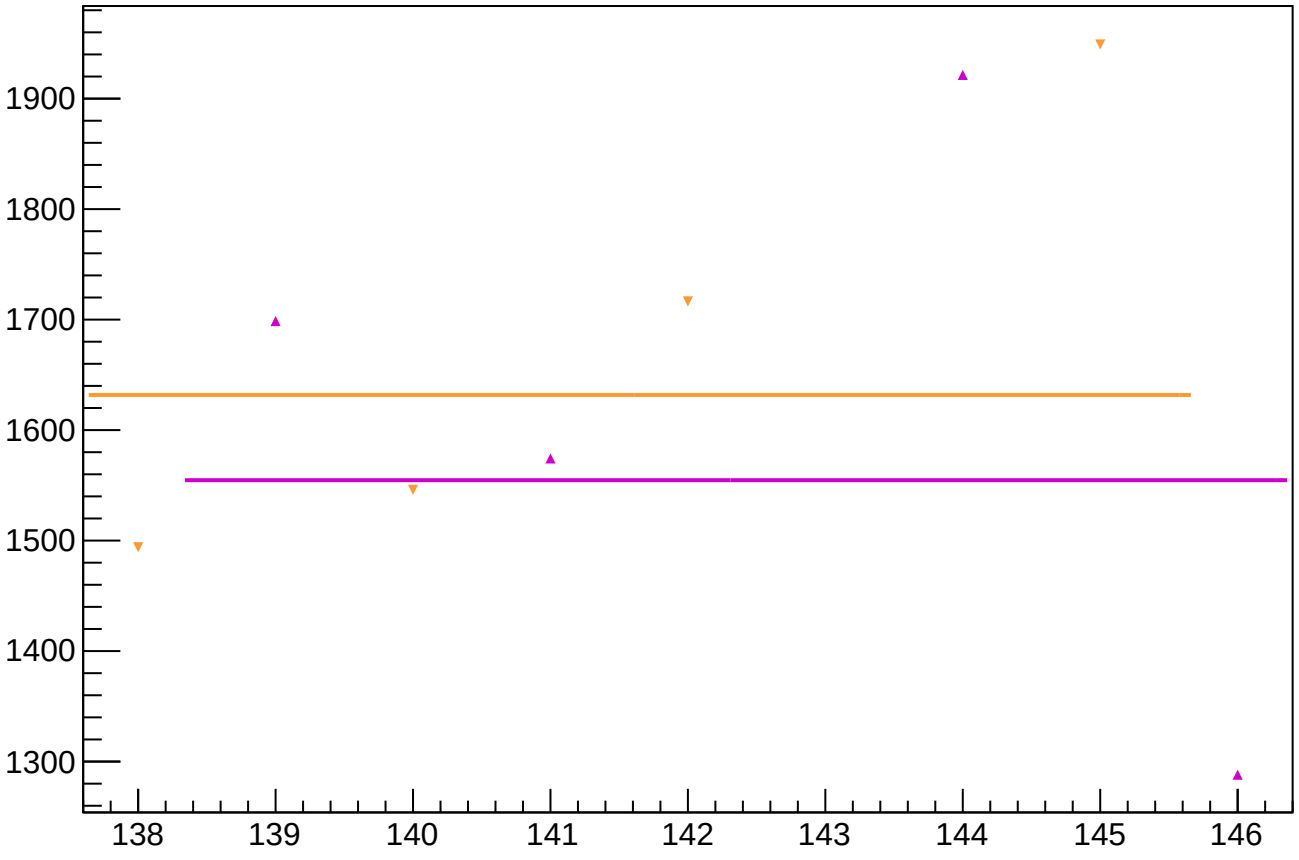
Left In: -143.195+/-865.361 χ^2/NDF:1.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 732.299+/-655.651 χ^2/NDF: 5.9/7

- 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: 1631.809+/-0.710 χ^2/NDF:57750.0/3

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

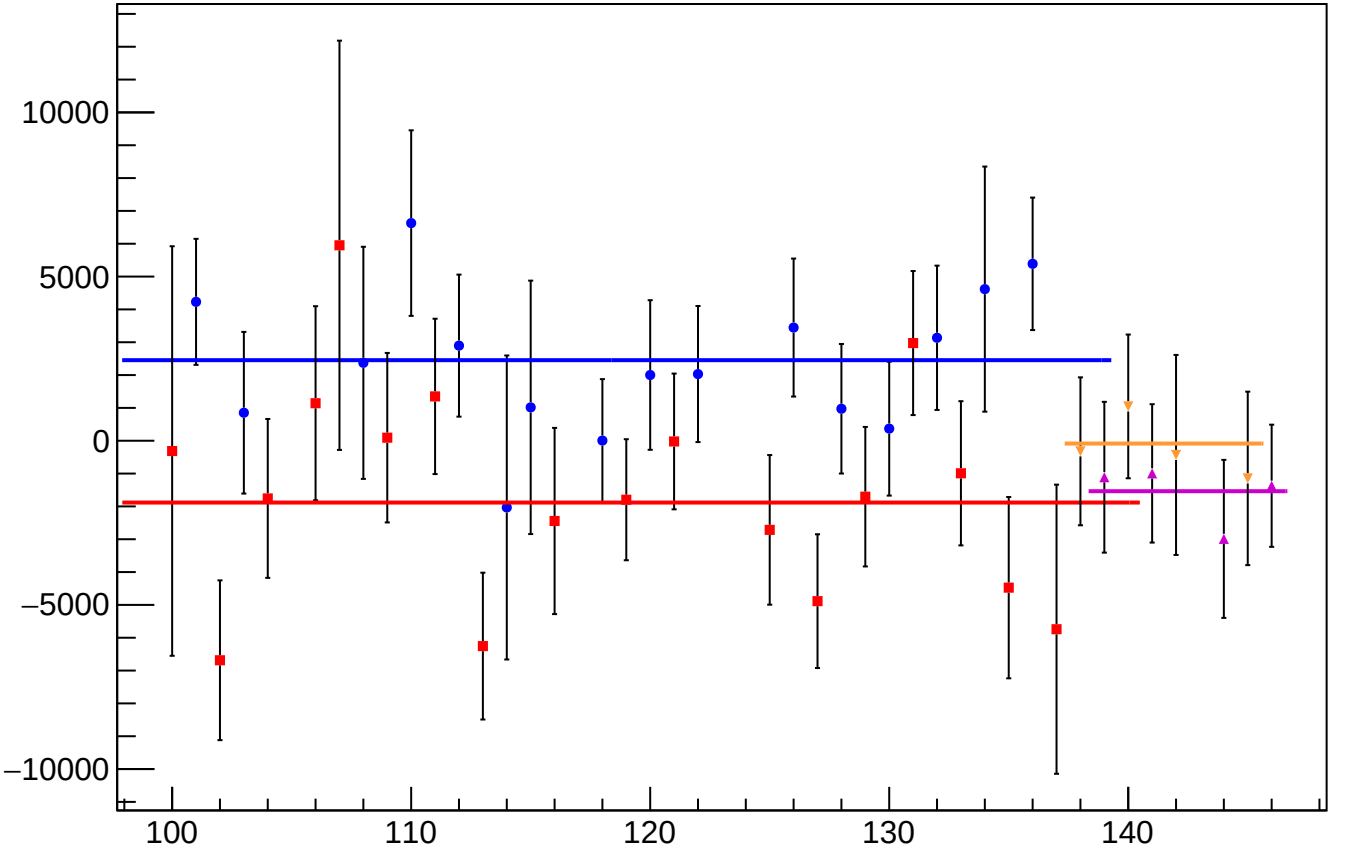
Left In: 1554.653+/-0.612 χ^2/NDF:143584.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1587.518+/-0.464 χ^2/NDF: 208106.6/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_mean vs Slug



Right In: 2453.670+/-584.307 χ^2/NDF: 10.8/15

Left Out: -85.580+/-1233.835 χ^2/NDF:0.5/3

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

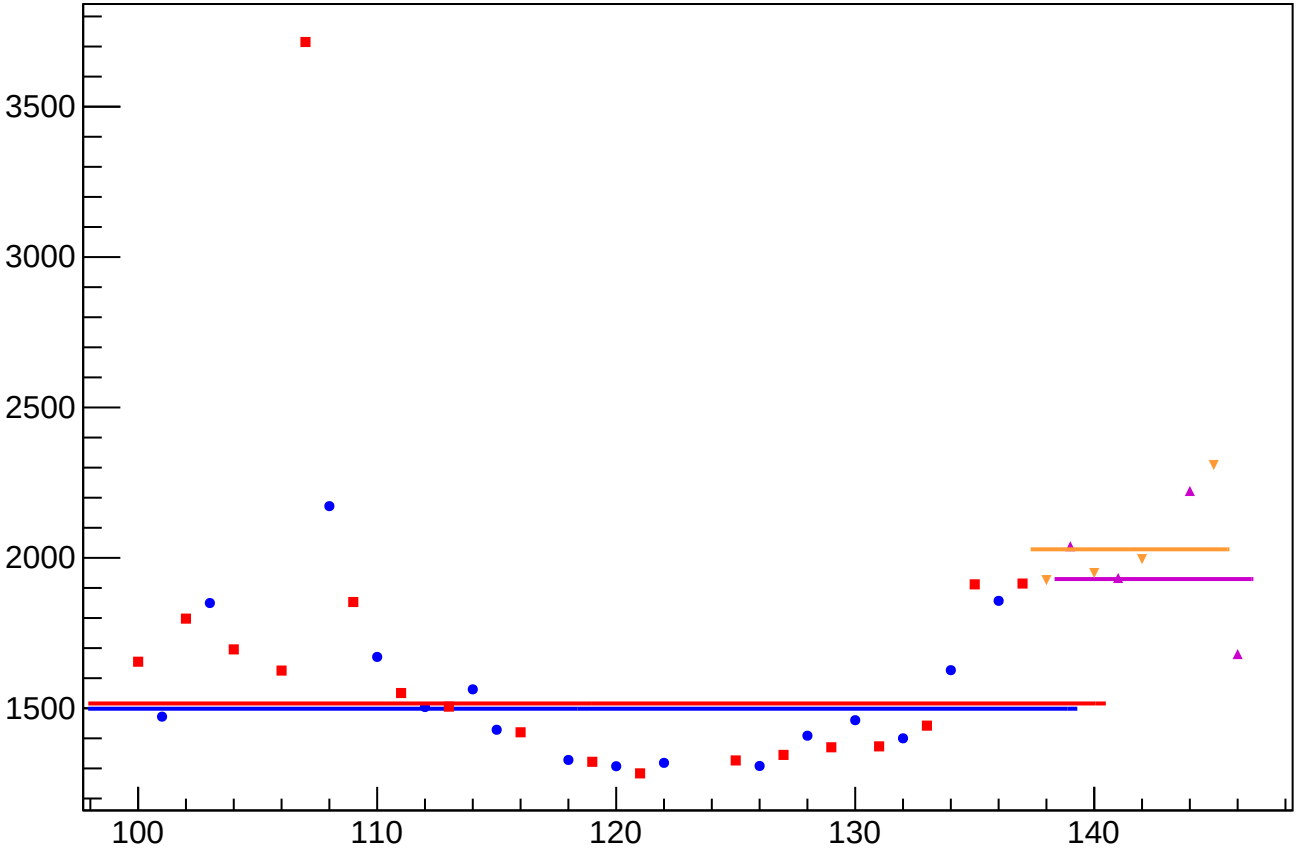
Left In: -1536.980+/-1068.175 χ^2/NDF:0.5/3

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

All: 33.471+/-367.544 χ^2/NDF: 64.6/41

- sign -1803.354+/-511.868 χ^2/NDF: 23.3/21

asym_usl_rms vs Slug



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

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

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

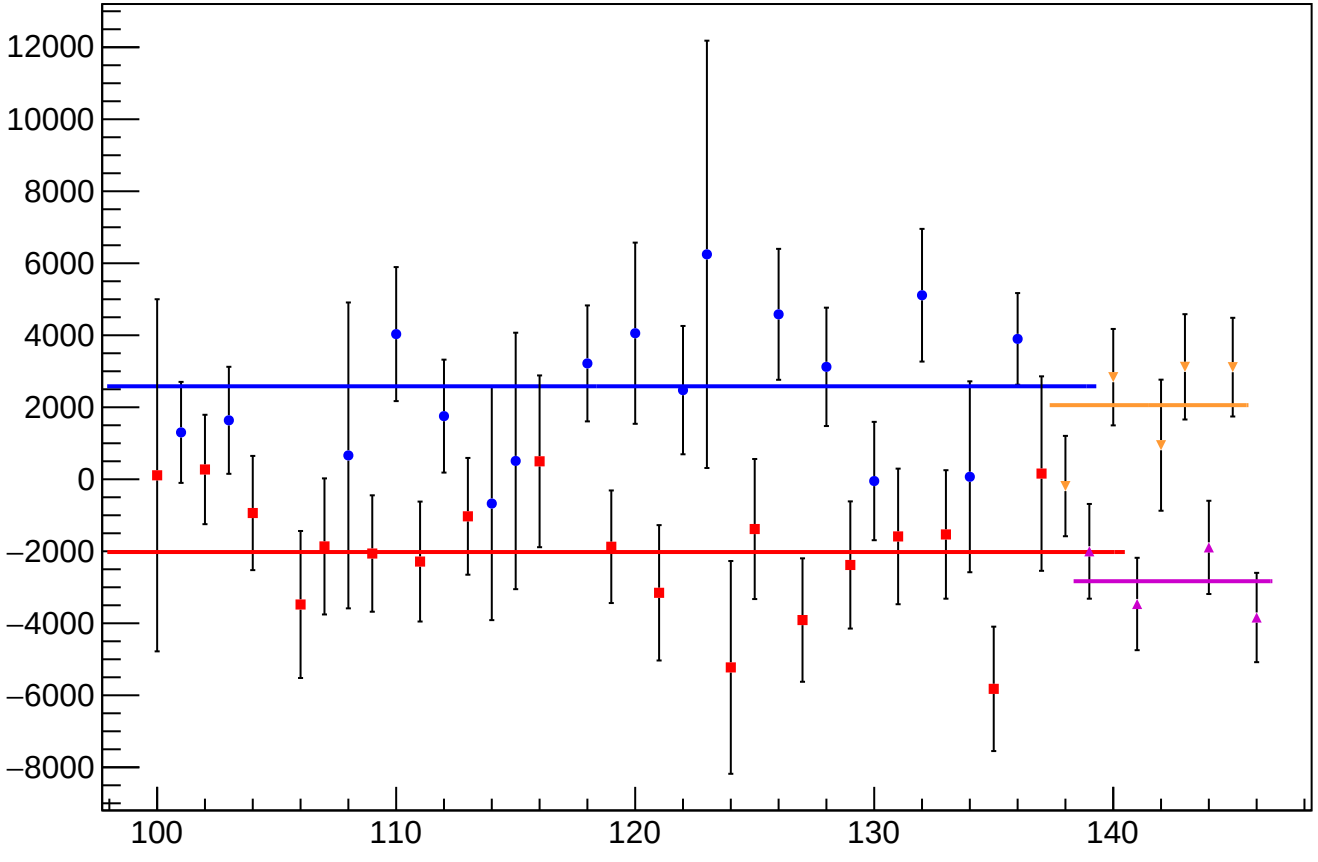
Left In: 1929.580+/-0.755 χ^2/NDF:70080.9/3

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

All: 1603.487+/-0.260 χ^2/NDF: 1372154.4/41

- sign 1610.931+/-0.362 χ^2/NDF: 781653.5/21

dit_asym_usr_mean vs Slug



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

Left Out: 2058.900+/-649.069 χ^2/NDF:4.4/4

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

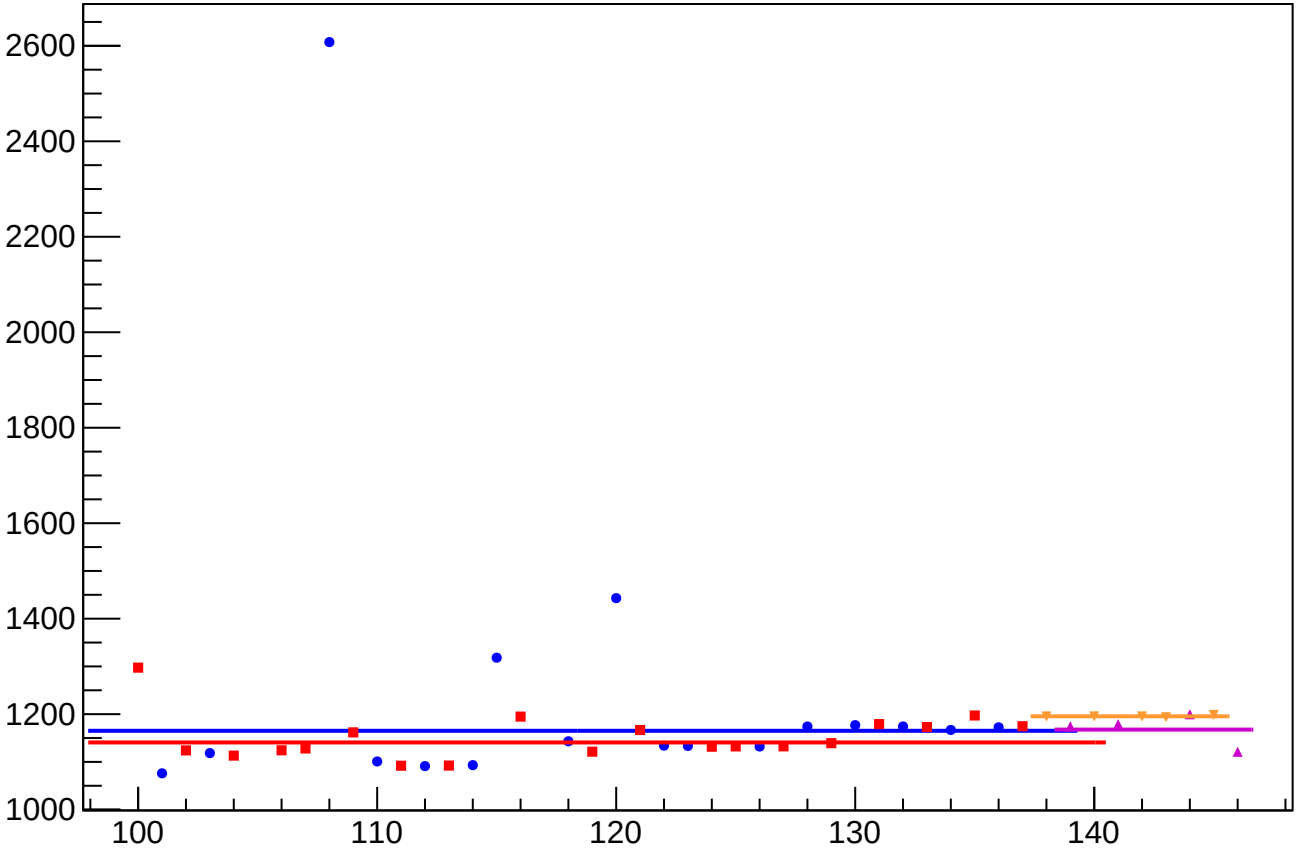
Left In: -2831.313+/-641.363 χ^2/NDF:1.8/3

+ sign 2411.225+/-371.581 χ^2/NDF: 17.2/21

All: -33.969+/-256.795 χ^2/NDF: 116.5/44

- sign -2269.481+/-355.292 χ^2/NDF: 16.4/22

dit_asym_usr_rms vs Slug



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

Left Out: 1195.543+/-0.459 χ^2/NDF:12.9/4

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

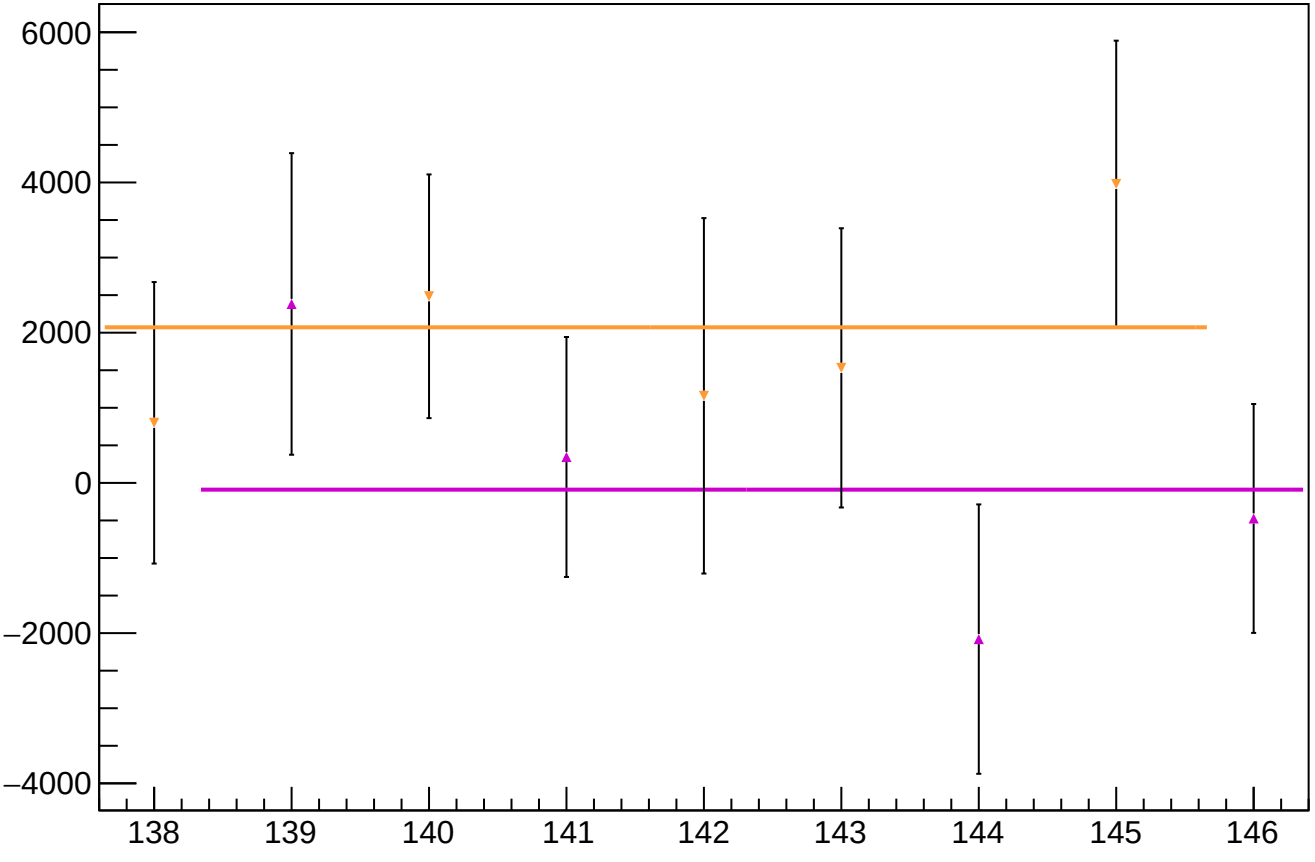
Left In: 1167.656+/-0.454 χ^2/NDF:4254.8/3

+ sign 1175.109+/-0.263 χ^2/NDF: 281531.9/21

All: 1161.474+/-0.182 χ^2/NDF: 306098.7/44

- sign 1149.008+/-0.251 χ^2/NDF: 19411.9/22

asym_usr_correction_mean vs Slug



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

Left Out: 2071.616+/-842.919 χ^2/NDF:1.8/4

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

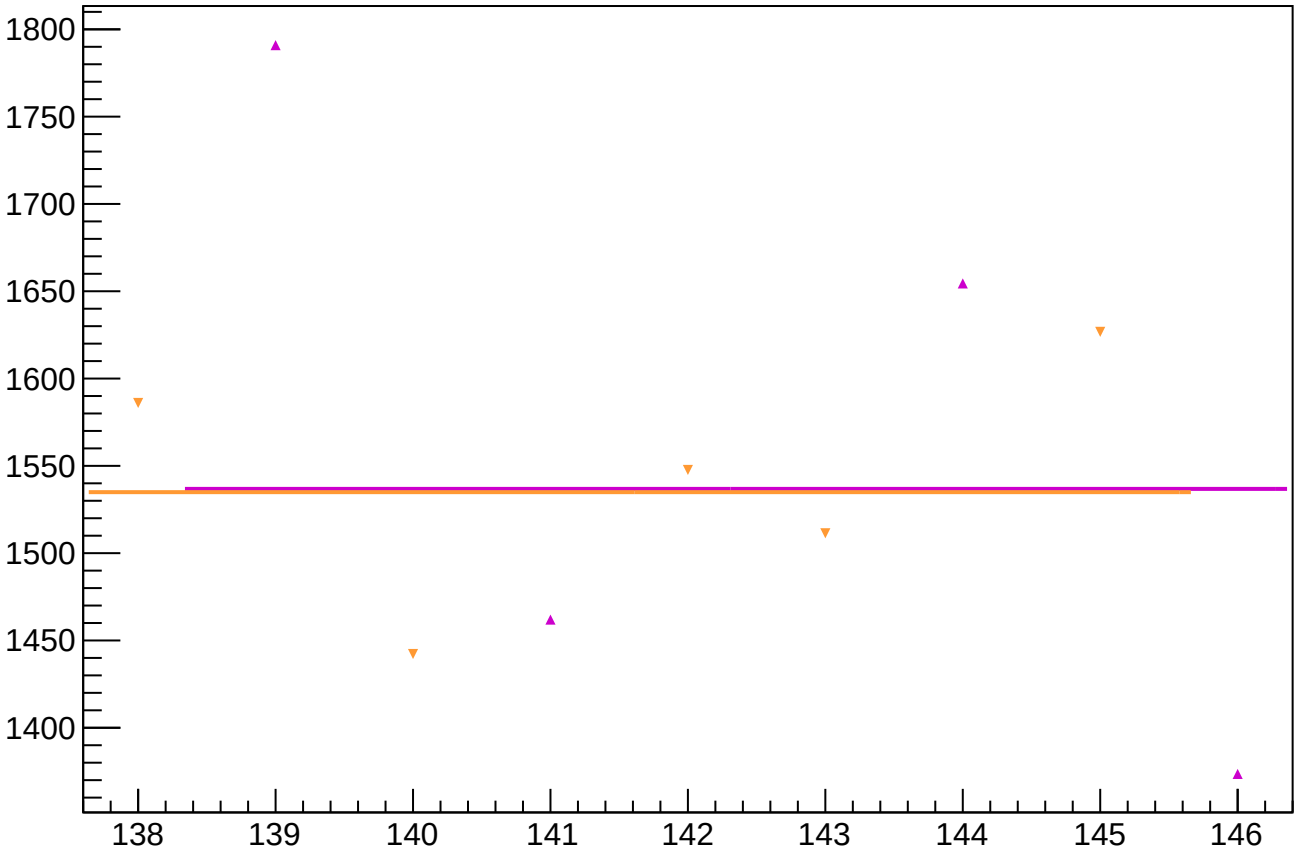
Left In: -89.808+/-850.738 χ^2/NDF:2.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1000.882+/-598.779 χ^2/NDF: 7.9/8

- 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: 1534.940+/-0.596 χ^2/NDF:13024.8/4

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

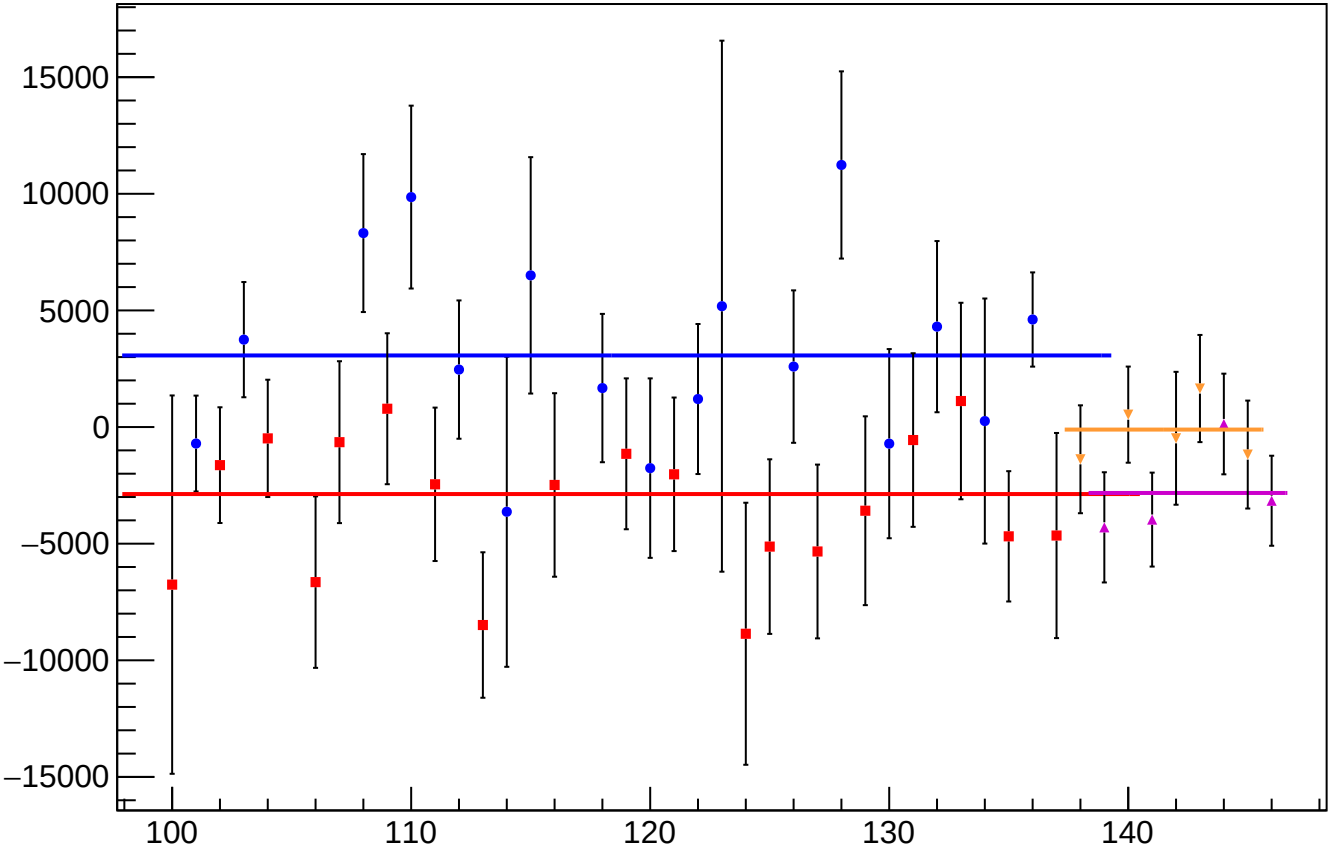
Left In: 1536.805+/-0.602 χ^2/NDF:68002.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1535.864+/-0.423 χ^2/NDF: 81032.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_mean vs Slug



Right In: 3069.484+/-797.741 χ^2/NDF: 18.5/16

Left Out: -108.382+/-1041.502 χ^2/NDF:1.2/4

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

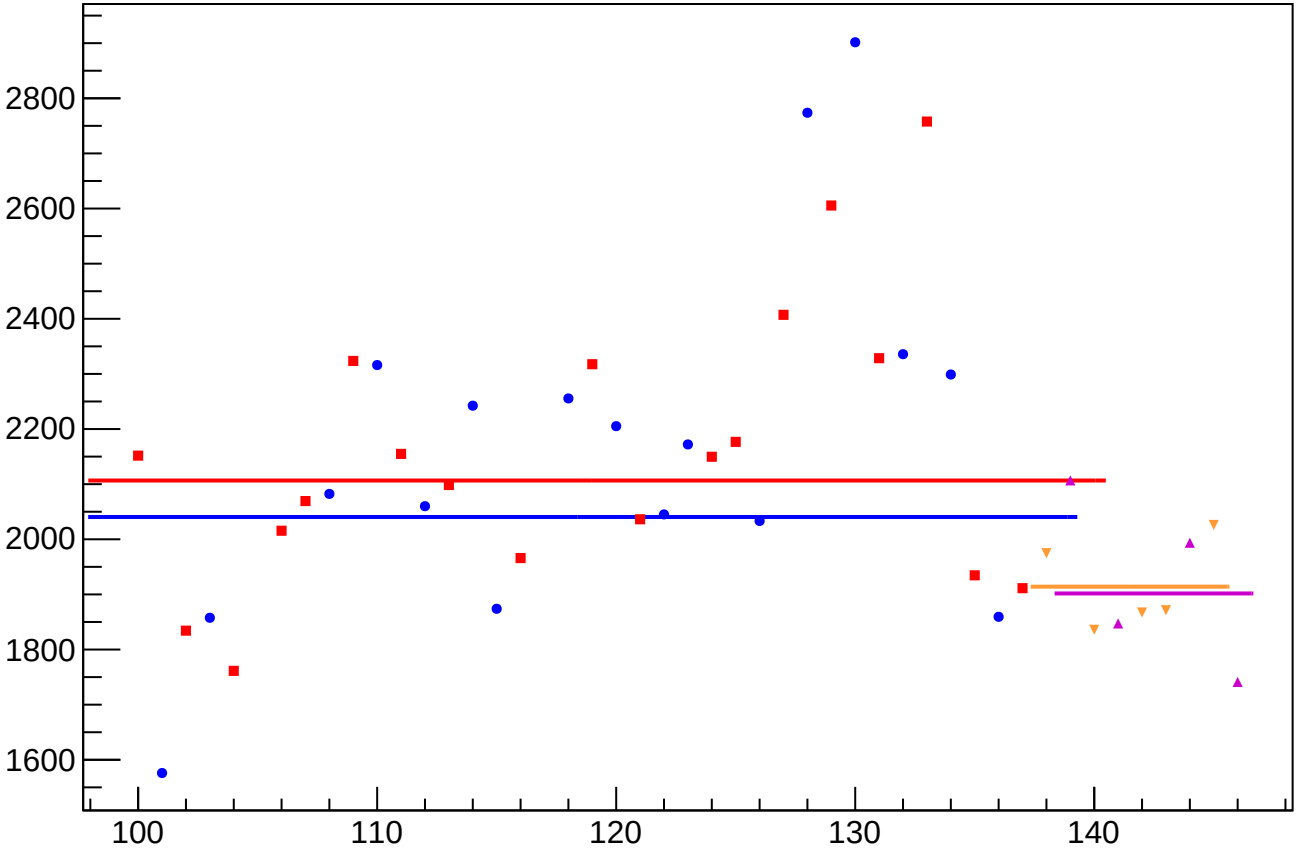
Left In: -2826.033+/-1048.838 χ^2/NDF:2.6/3

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

All: -478.957+/-447.971 χ^2/NDF: 67.9/44

- sign -2855.608+/-633.743 χ^2/NDF: 14.2/22

asym_usr_rms vs Slug



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

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

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

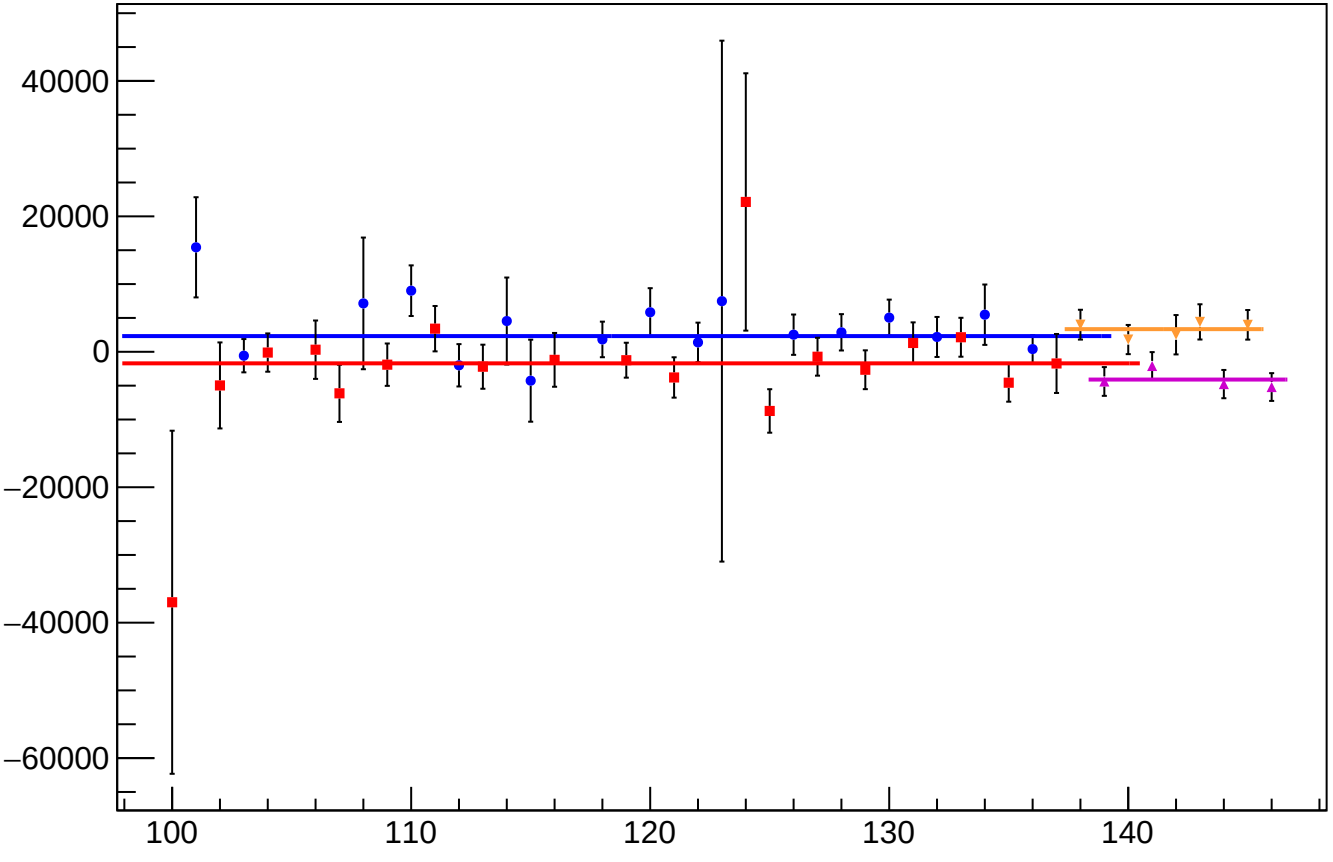
Left In: 1901.751+/-0.742 χ^2/NDF:34003.5/3

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

All: 2012.753+/-0.317 χ^2/NDF: 641567.4/44

- sign 2031.825+/-0.448 χ^2/NDF: 277867.6/22

dit_asym_at1_avg_mean vs Slug



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

Left Out: 3344.774+/-1055.861 χ^2/NDF:0.9/4

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

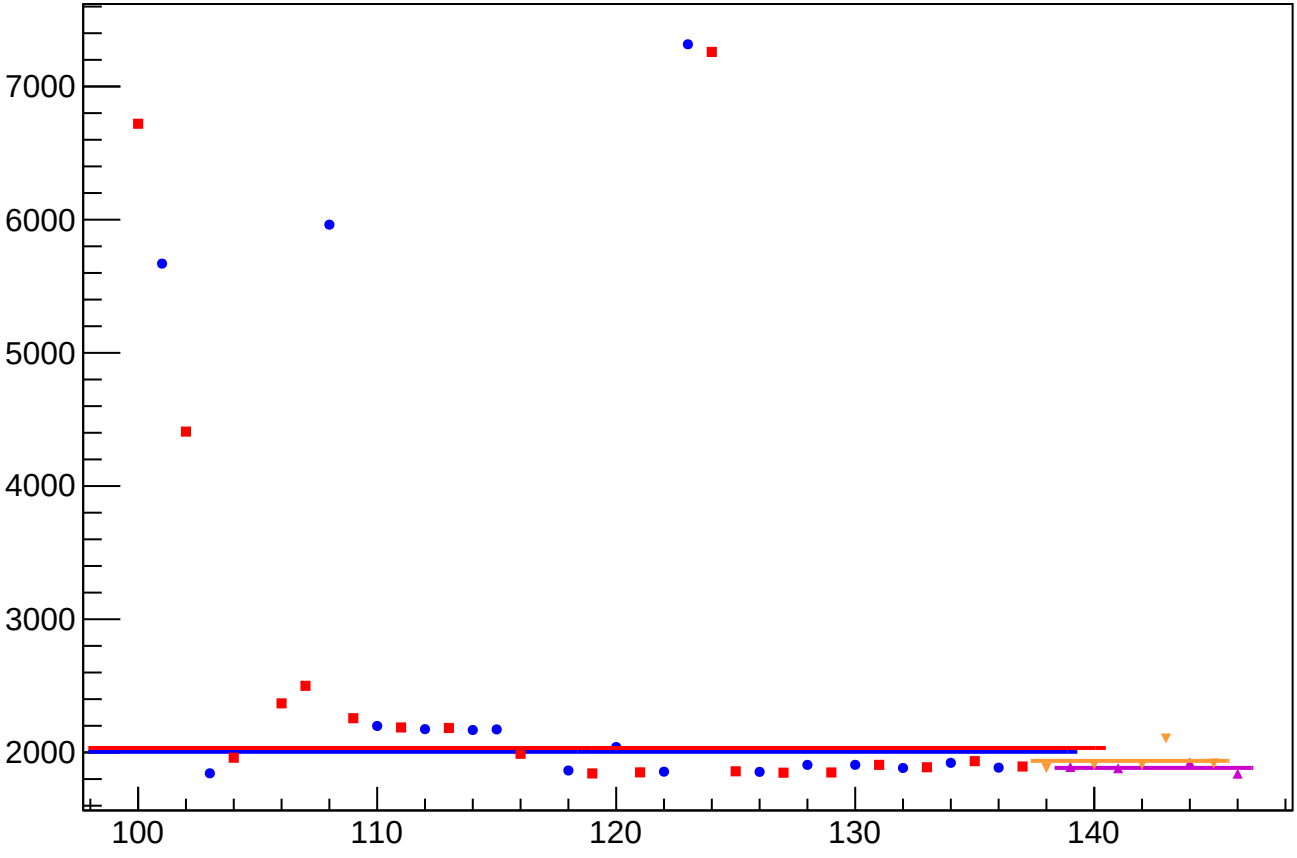
Left In: -4100.238+/-1038.205 χ^2/NDF:1.4/3

+ sign 2693.985+/-638.372 χ^2/NDF: 16.3/21

All: 4.742+/-446.618 χ^2/NDF: 73.0/44

- sign -2573.547+/-625.064 χ^2/NDF: 21.9/22

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1936.719+/-0.747 χ^2/NDF:10226.3/4

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

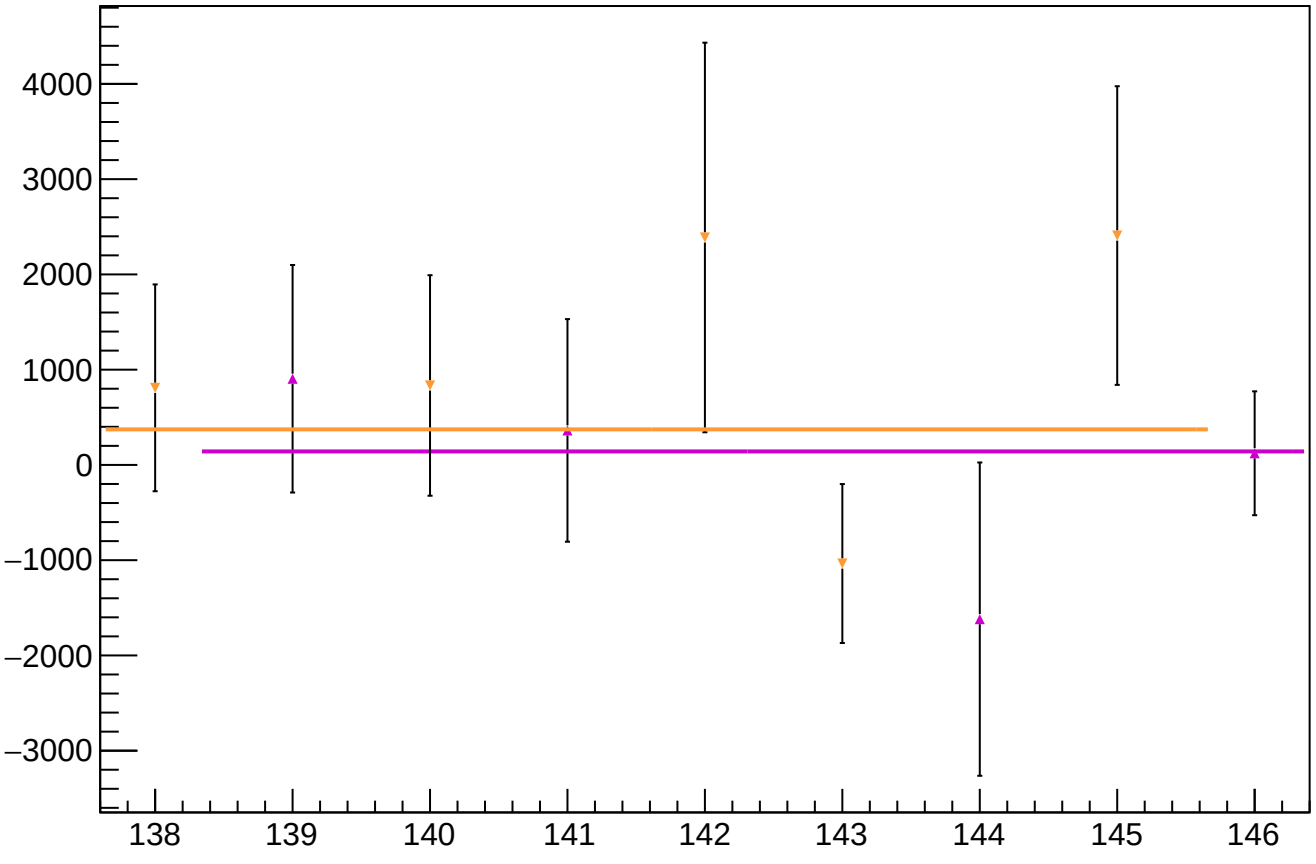
Left In: 1883.922+/-0.734 χ^2/NDF:1645.3/3

+ sign 1979.755+/-0.451 χ^2/NDF: 931476.8/21

All: 1979.510+/-0.316 χ^2/NDF: 1570595.3/44

- sign 1979.275+/-0.442 χ^2/NDF: 639117.9/22

asym_at1_avg_correction_mean vs Slug



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

Left Out: 373.198+/-521.466 χ^2/NDF:5.8/4

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

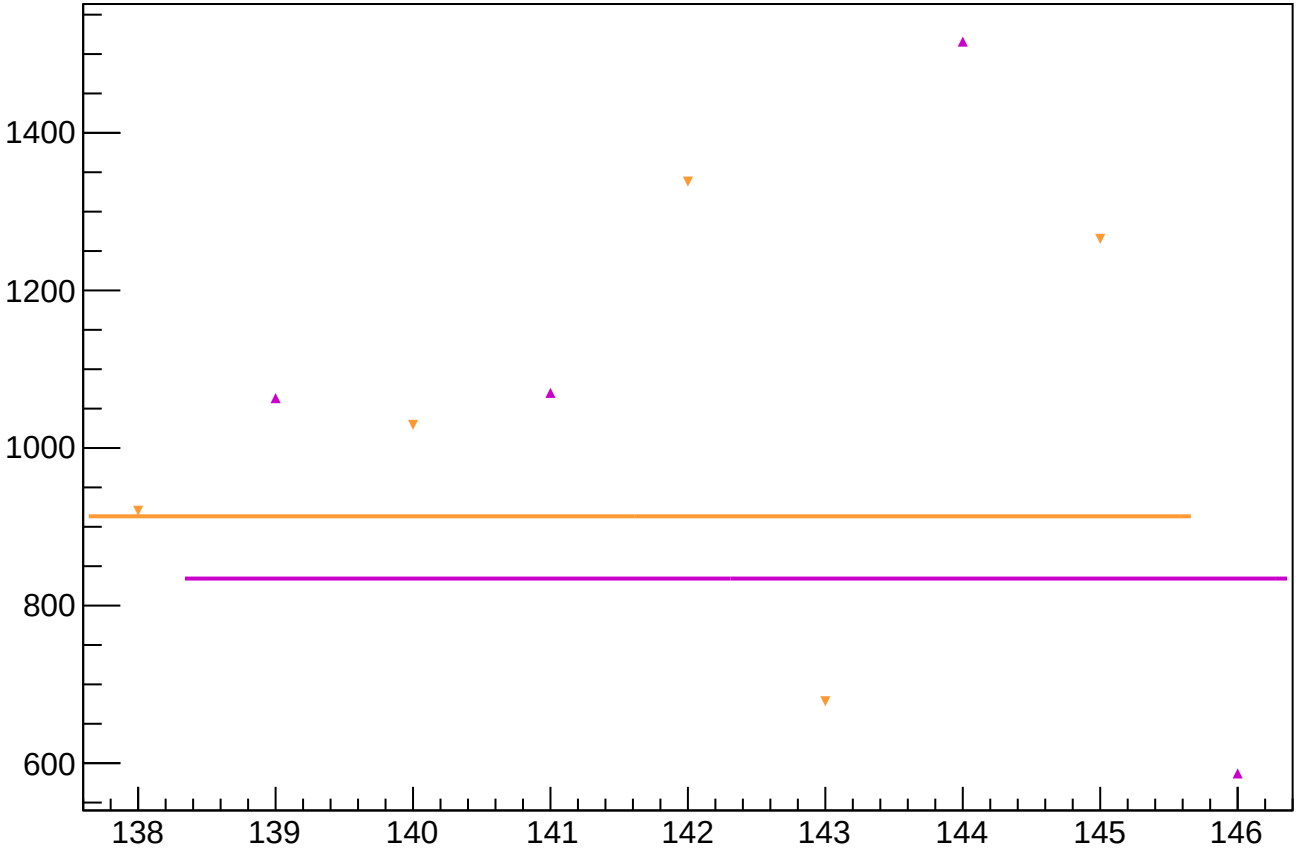
Left In: 141.621+/-489.779 χ^2/NDF:1.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 250.160+/-357.003 χ^2/NDF: 7.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_correction_rms vs Slug



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

Left Out: 913.330+/-0.369 χ^2/NDF:365774.9/4

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

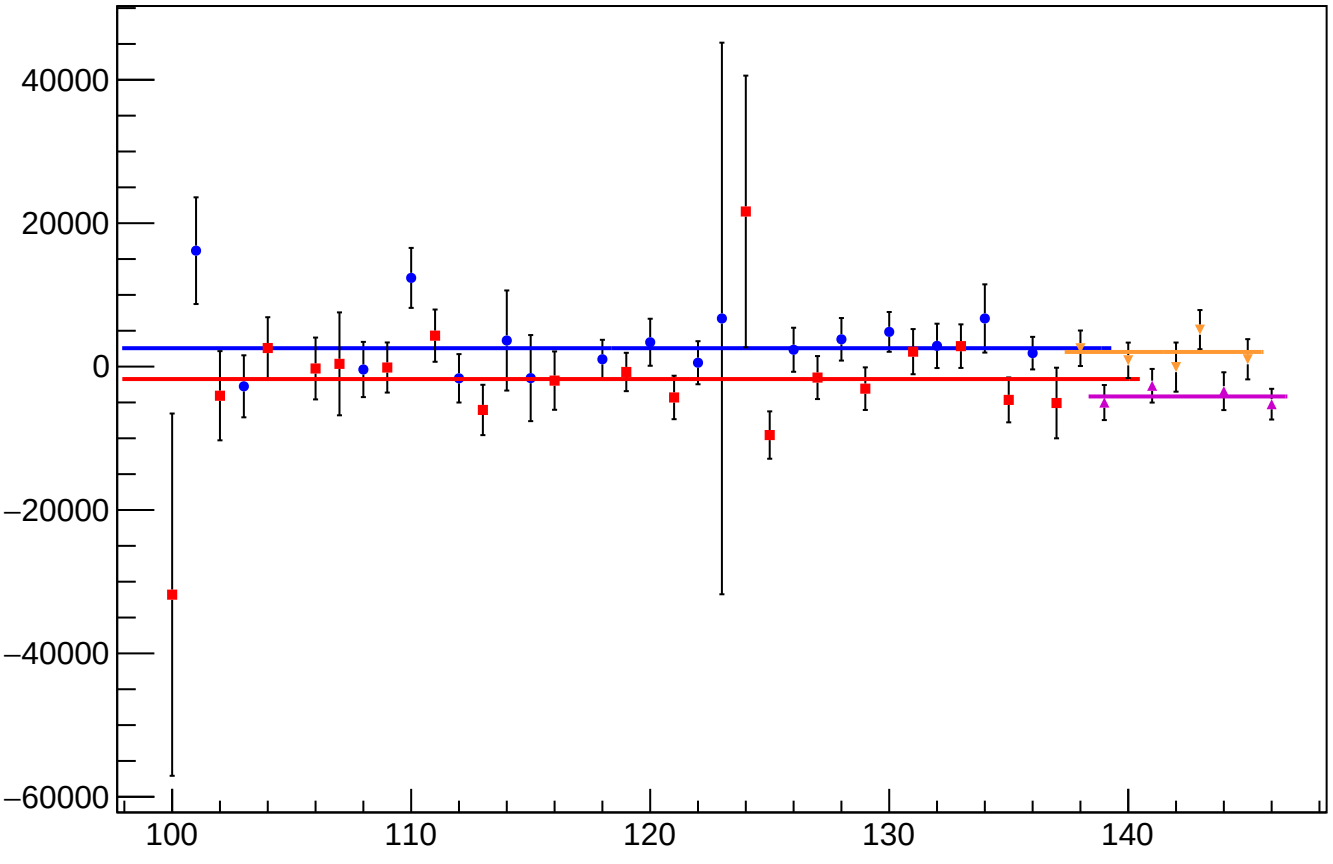
Left In: 834.304+/-0.346 χ^2/NDF:787789.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 871.343+/-0.252 χ^2/NDF: 1177968.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_mean vs Slug



Right In: 2566.797+/-856.089 χ^2/NDF: 15.6/16

Left Out: 2042.169+/-1218.822 χ^2/NDF:2.1/4

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

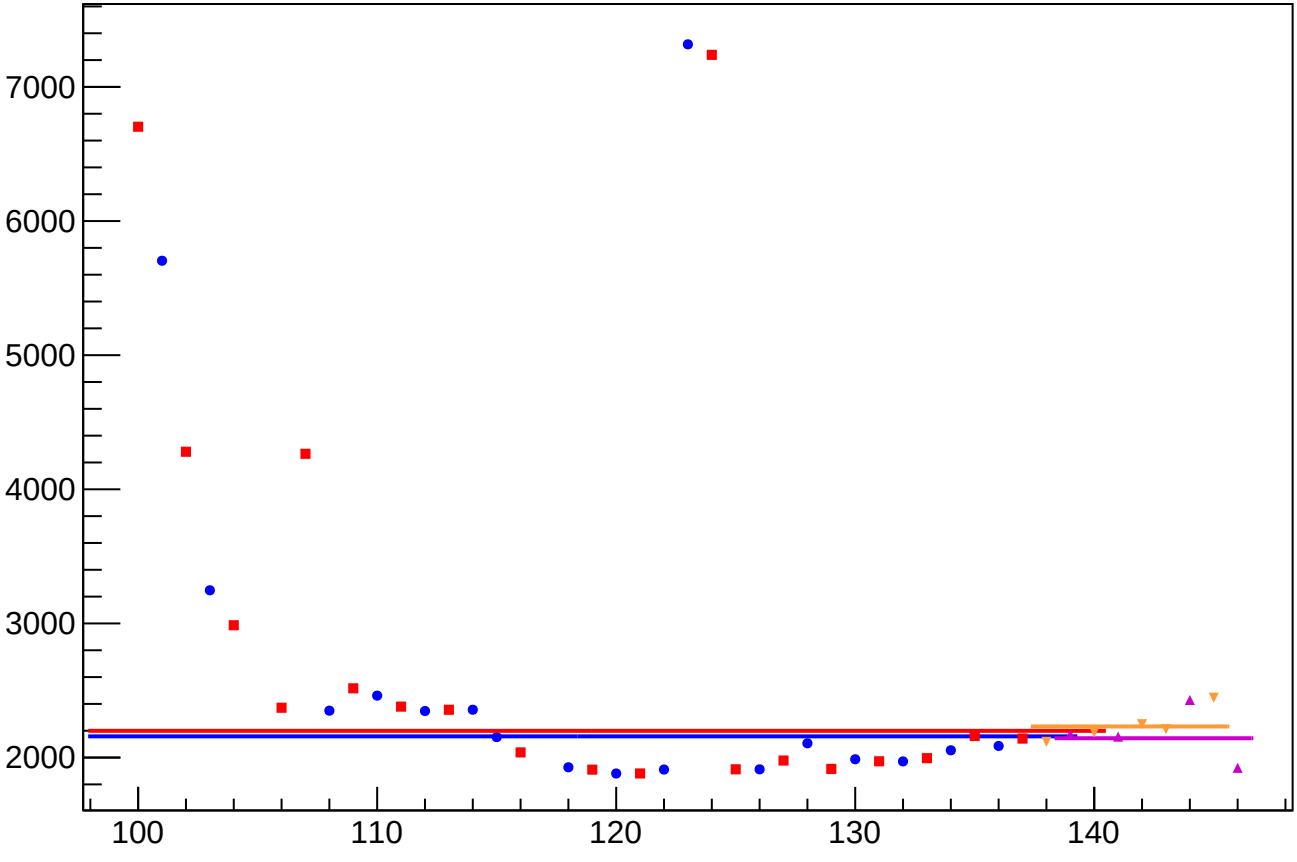
Left In: -4165.112+/-1186.096 χ^2/NDF:0.9/3

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

All: -114.217+/-492.531 χ^2/NDF: 67.2/44

- sign -2565.404+/-692.610 χ^2/NDF: 24.1/22

asym_at1_avg_rms vs Slug



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

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

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

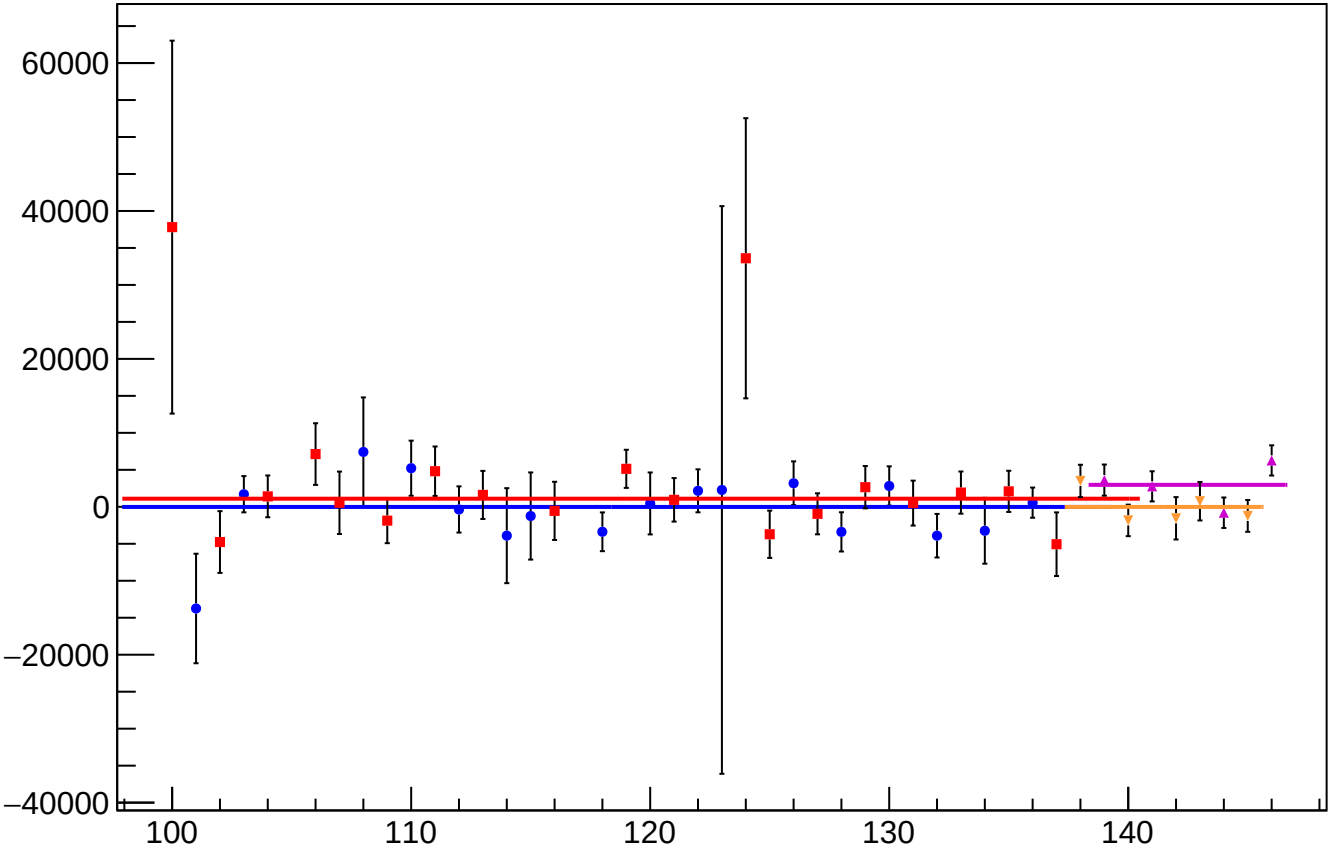
Left In: 2144.158+/-0.839 χ^2/NDF:44979.2/3

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

All: 2181.497+/-0.348 χ^2/NDF: 1586363.7/44

- sign 2180.526+/-0.490 χ^2/NDF: 850854.4/22

dit_asym_at1_dd_mean vs Slug



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

Left Out: -18.832+/-1045.935 χ^2/NDF:4.0/4

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

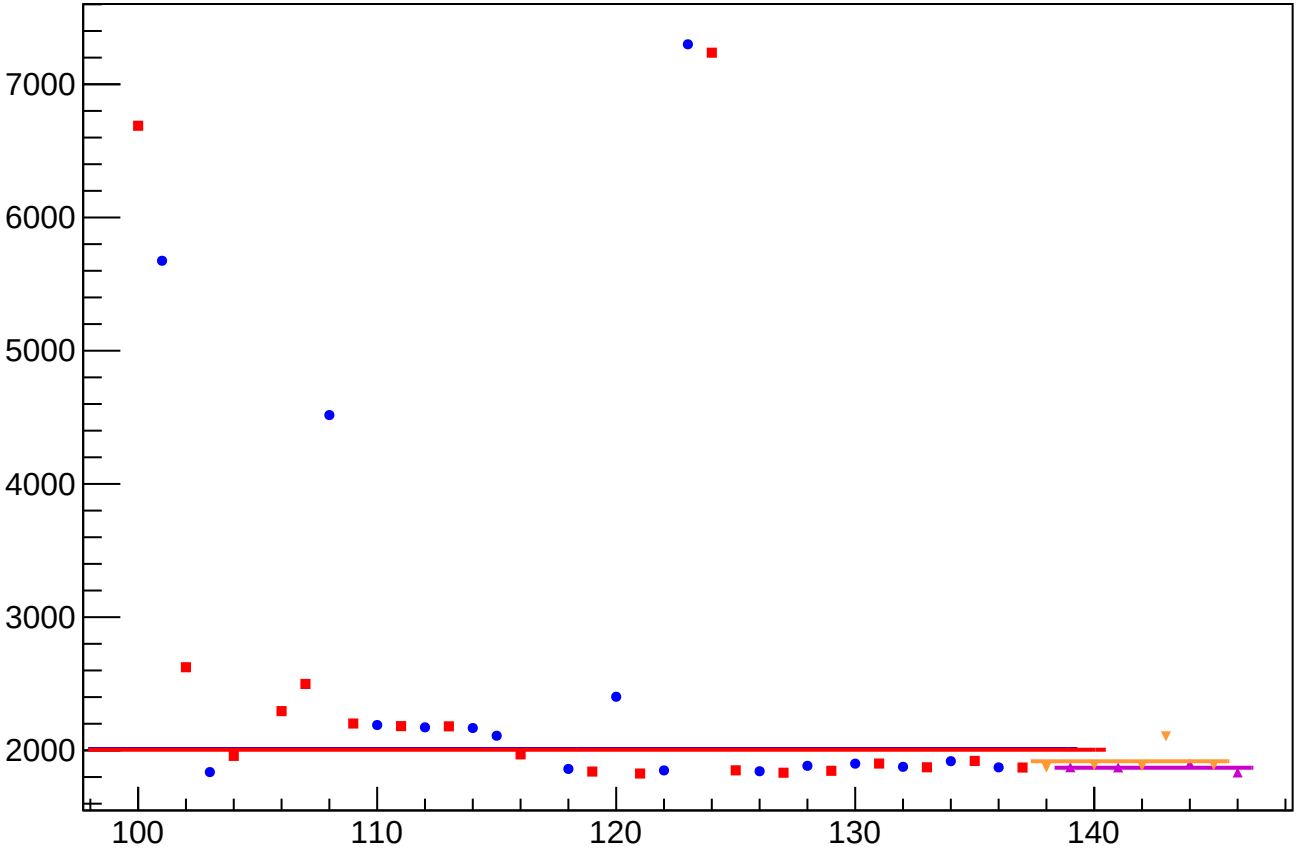
Left In: 2968.696+/-1030.300 χ^2/NDF:6.1/3

+ sign -18.481+/-636.141 χ^2/NDF: 19.9/21

All: 901.763+/-442.764 χ^2/NDF: 51.5/44

- sign 1766.451+/-616.639 χ^2/NDF: 27.6/22

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1918.320+/-0.740 χ^2/NDF:12381.7/4

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

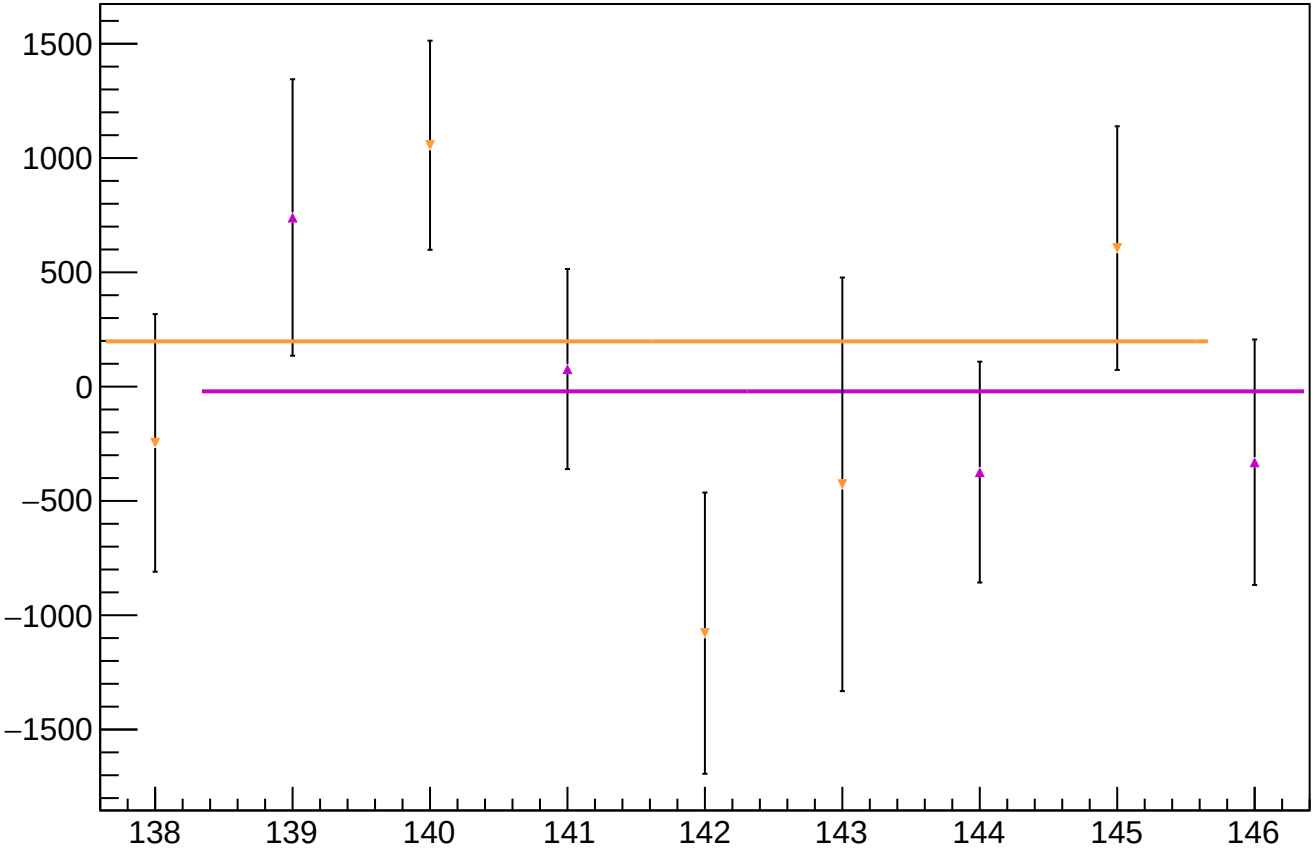
Left In: 1869.815+/-0.729 χ^2/NDF:1005.5/3

+ sign 1976.258+/-0.450 χ^2/NDF: 861868.0/21

All: 1966.072+/-0.313 χ^2/NDF: 1253440.8/44

- sign 1956.500+/-0.436 χ^2/NDF: 390578.1/22

asym_at1_dd_correction_mean vs Slug



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

Left Out: 198.016+/-255.561 χ^2/NDF:9.5/4

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

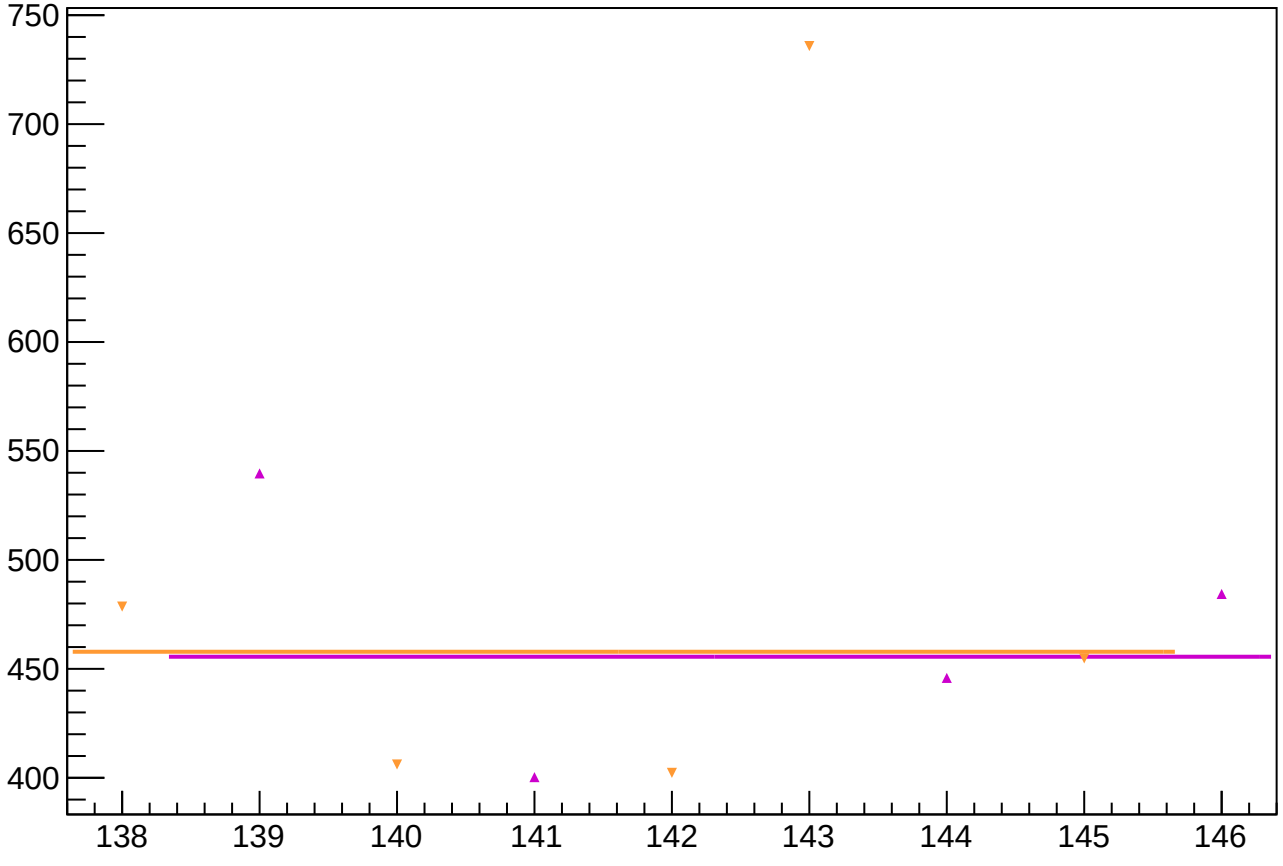
Left In: -20.568+/-252.334 χ^2/NDF:2.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 87.335+/-179.557 χ^2/NDF: 12.4/8

- 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: 457.849+/-0.181 χ^2/NDF:233506.0/4

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

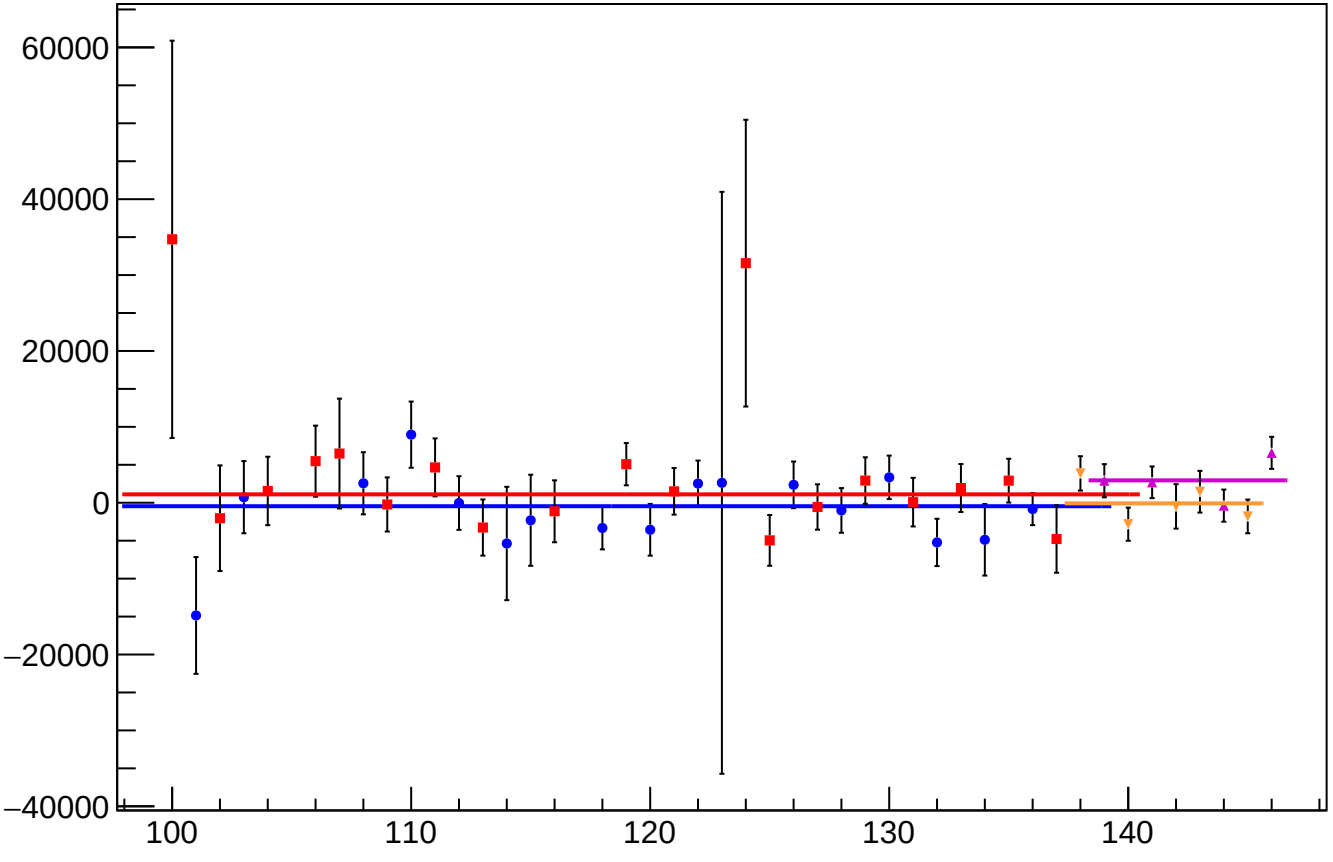
Left In: 455.563+/-0.178 χ^2/NDF:77137.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 456.692+/-0.127 χ^2/NDF: 310724.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_mean vs Slug



Right In: -458.311+/-865.151 χ^2/NDF: 18.1/16

Left Out: -80.946+/-1080.283 χ^2/NDF:5.6/4

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

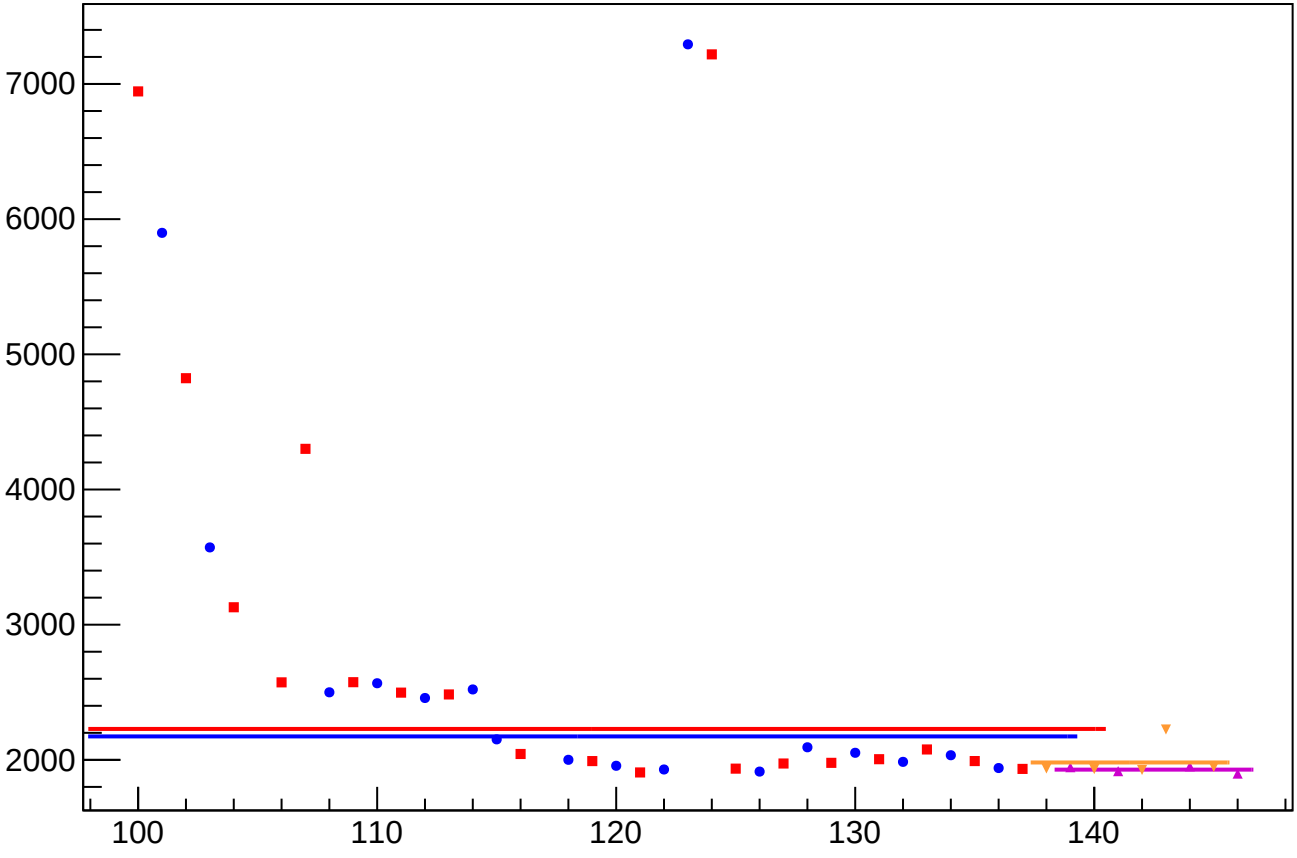
Left In: 2949.469+/-1062.132 χ^2/NDF:5.4/3

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

All: 771.428+/-476.234 χ^2/NDF: 52.9/44

- sign 1842.306+/-671.720 χ^2/NDF: 24.1/22

asym_at1_dd_rms vs Slug



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

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

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

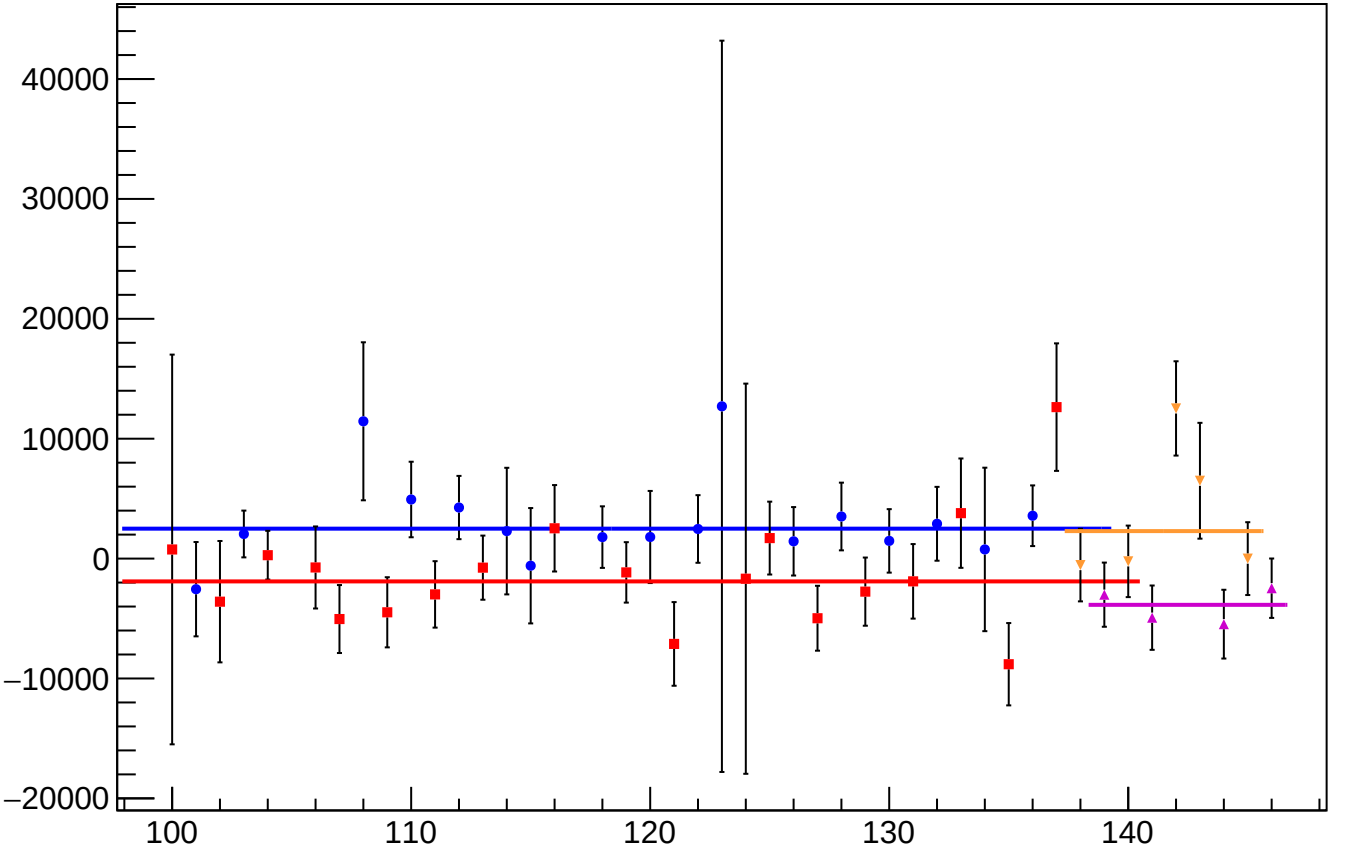
Left In: 1927.819+/-0.751 χ^2/NDF:844.5/3

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

All: 2103.360+/-0.337 χ^2/NDF: 1856242.4/44

- sign 2108.475+/-0.475 χ^2/NDF: 993134.7/22

dit_asym_at2_avg_mean vs Slug



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

Left Out: 2292.725+/-1512.087 χ^2/NDF:9.7/4

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

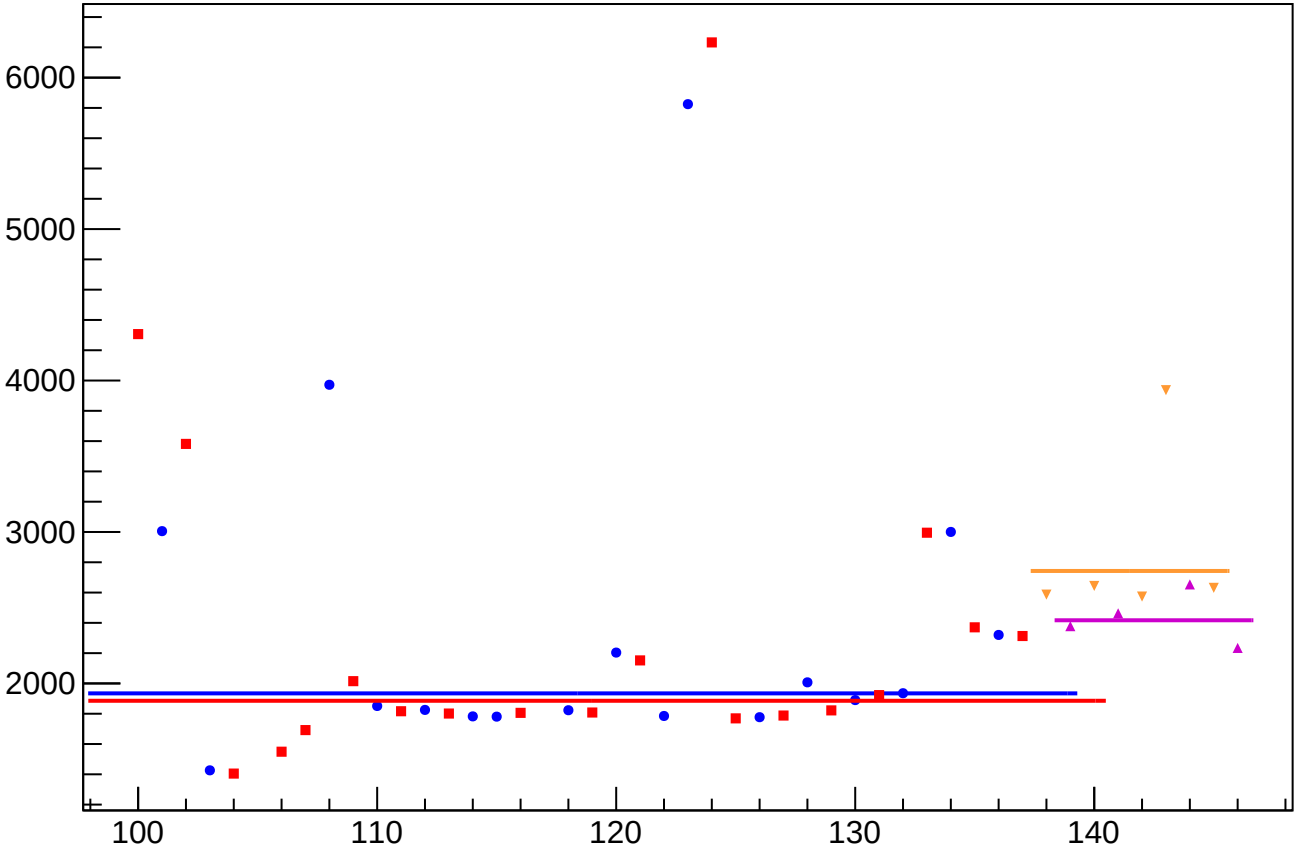
Left In: -3857.874+/-1332.588 χ^2/NDF:0.9/3

+ sign 2454.774+/-684.950 χ^2/NDF: 15.6/21

All: -98.218+/-469.494 χ^2/NDF: 67.8/44

- sign -2360.669+/-644.798 χ^2/NDF: 26.0/22

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2742.658+/-1.069 χ^2/NDF:136059.4/4

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

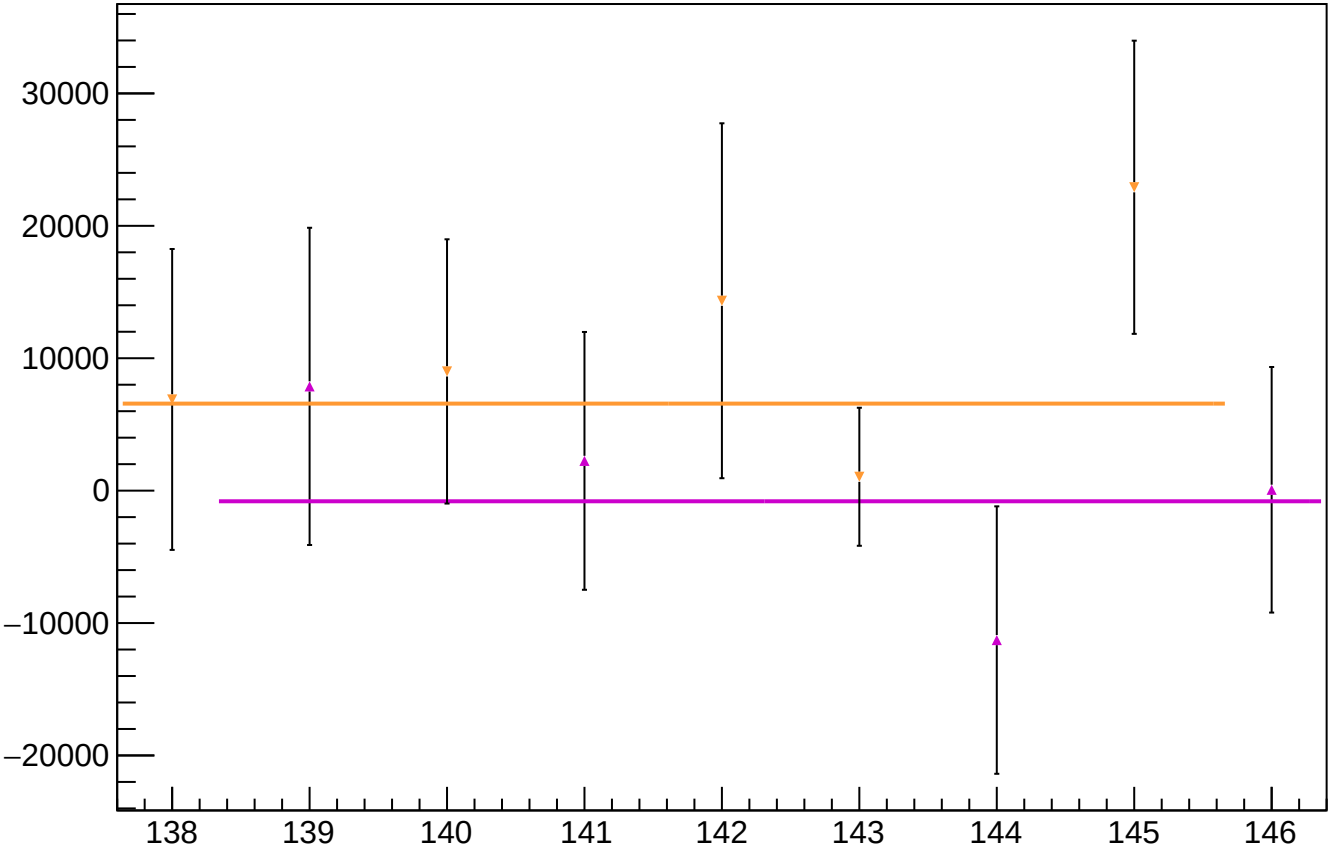
Left In: 2417.053+/-0.942 χ^2/NDF:25504.7/3

+ sign 2100.252+/-0.484 χ^2/NDF: 1229165.6/21

All: 2052.372+/-0.332 χ^2/NDF: 2268889.1/44

- sign 2009.953+/-0.456 χ^2/NDF: 1021292.3/22

asym_at2_avg_correction_mean vs Slug



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

Left Out: 6573.212+/-3825.830 χ^2/NDF:3.7/4

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

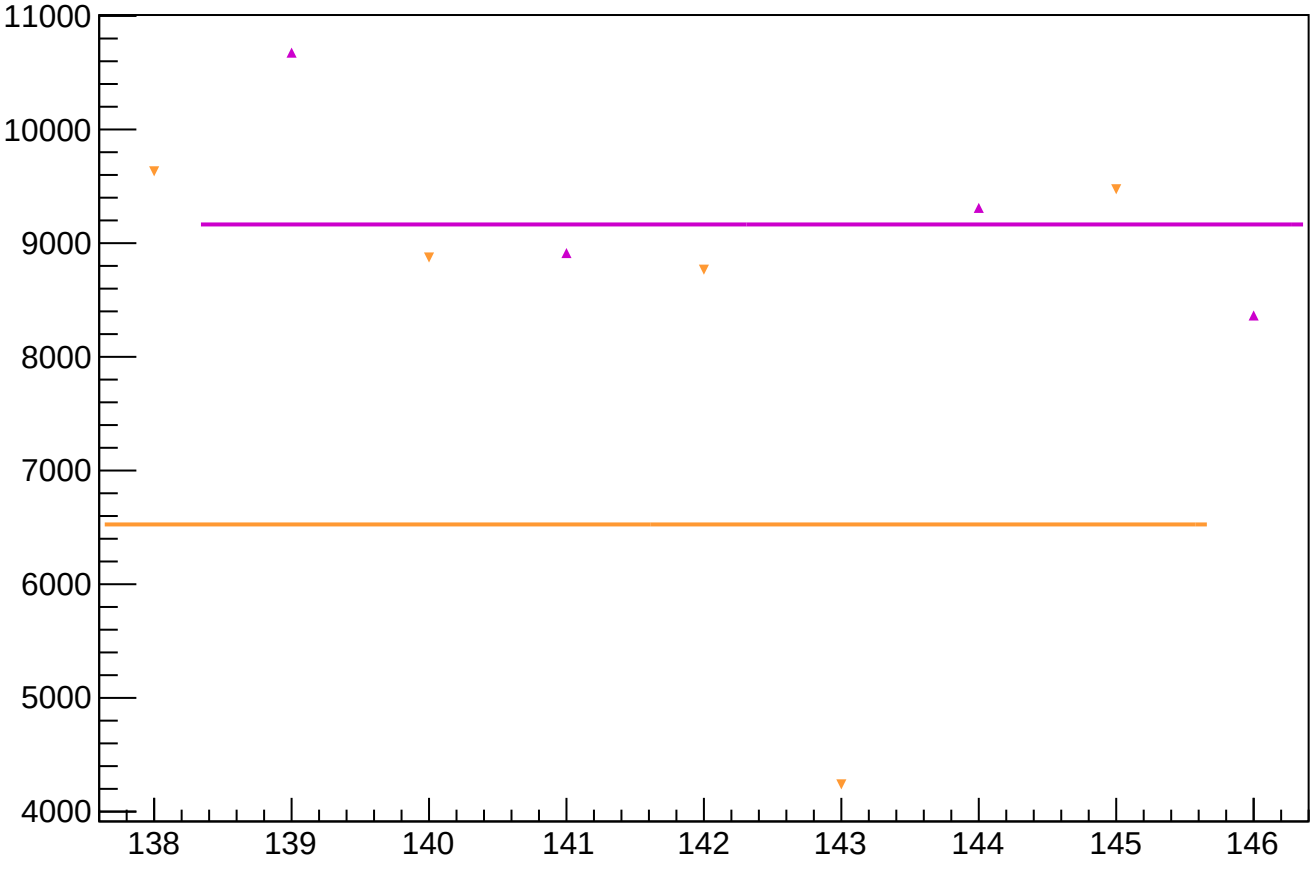
Left In: -803.347+/-5067.031 χ^2/NDF:1.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3894.826+/-3053.256 χ^2/NDF: 6.8/8

- 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: 6525.875+/-2.705 χ^2/NDF:842737.9/4

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

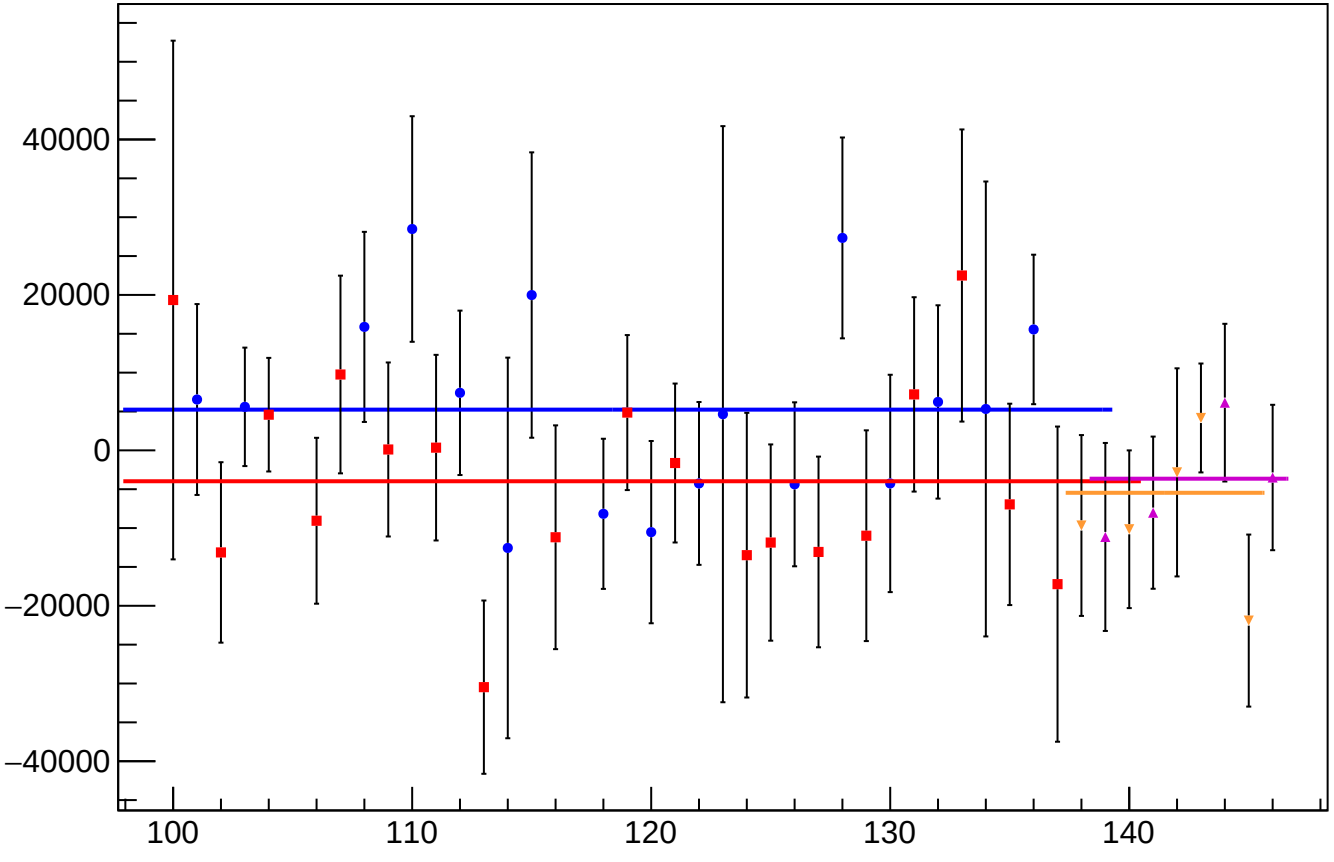
Left In: 9164.593+/-3.583 χ^2/NDF:48493.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7483.978+/-2.159 χ^2/NDF: 1236680.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_mean vs Slug



Right In: 5238.554+/-2946.164 χ^2/NDF: 14.5/16

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

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

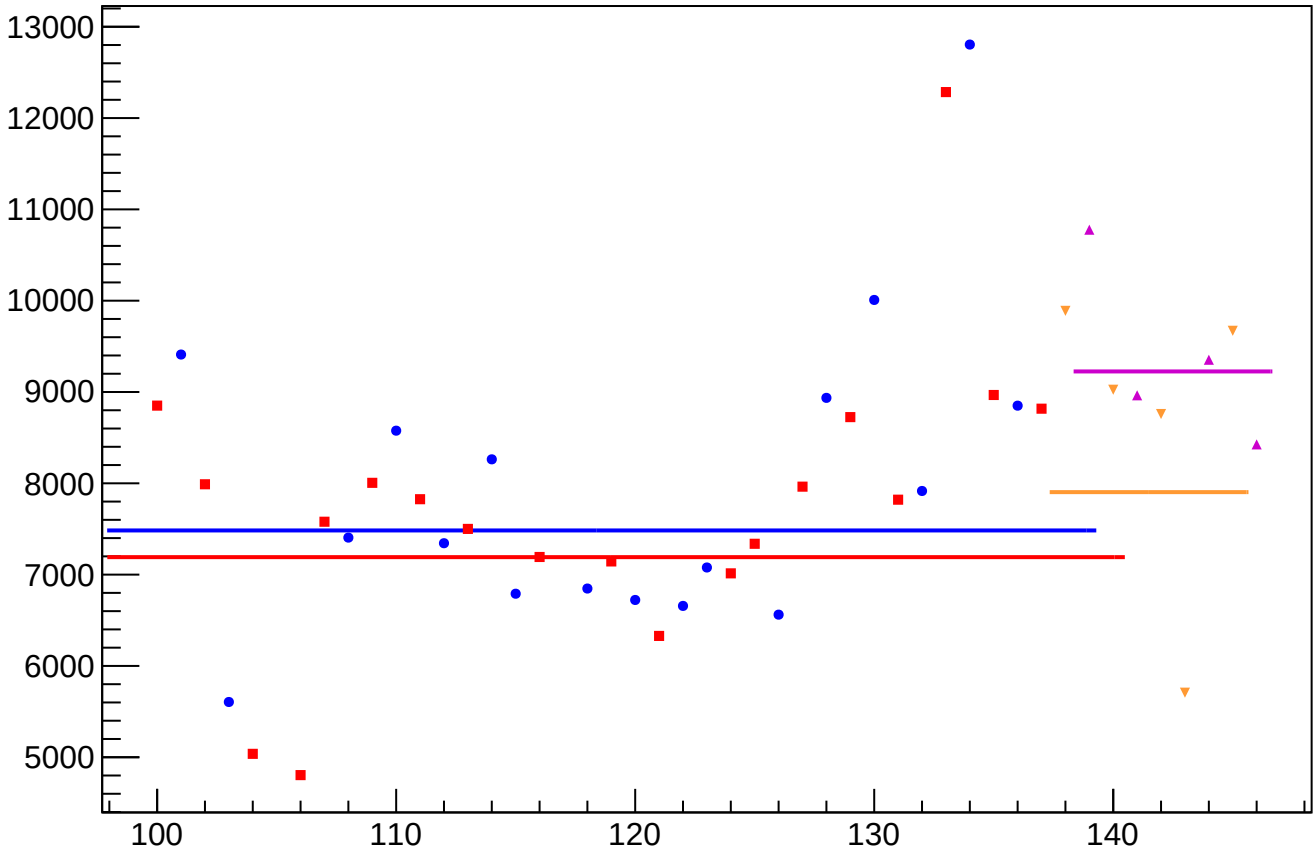
Left In: -3647.857+/-5102.399 χ^2/NDF:1.5/3

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

All: -981.000+/-1732.236 χ^2/NDF: 43.0/44

- sign -3900.500+/-2448.226 χ^2/NDF: 17.1/22

asym_at2_avg_rms vs Slug



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

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

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

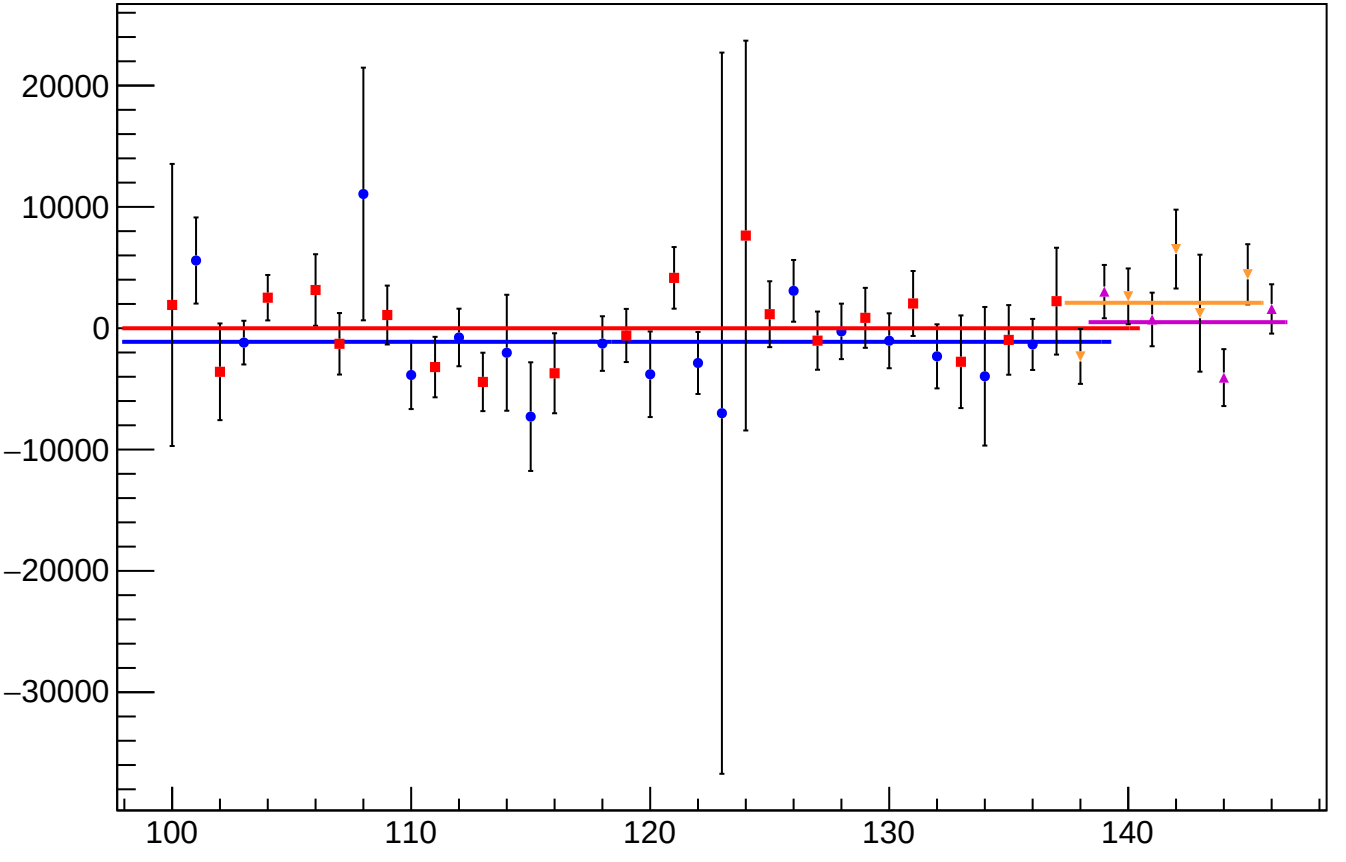
Left In: 9225.201+/-3.608 χ^2/NDF:49268.1/3

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

All: 7636.286+/-1.225 χ^2/NDF: 1635640.8/44

- sign 7659.580+/-1.731 χ^2/NDF: 852626.0/22

dit_asym_at2_dd_mean vs Slug



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

Left Out: 2096.949+/-1208.835 χ^2/NDF:6.6/4

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

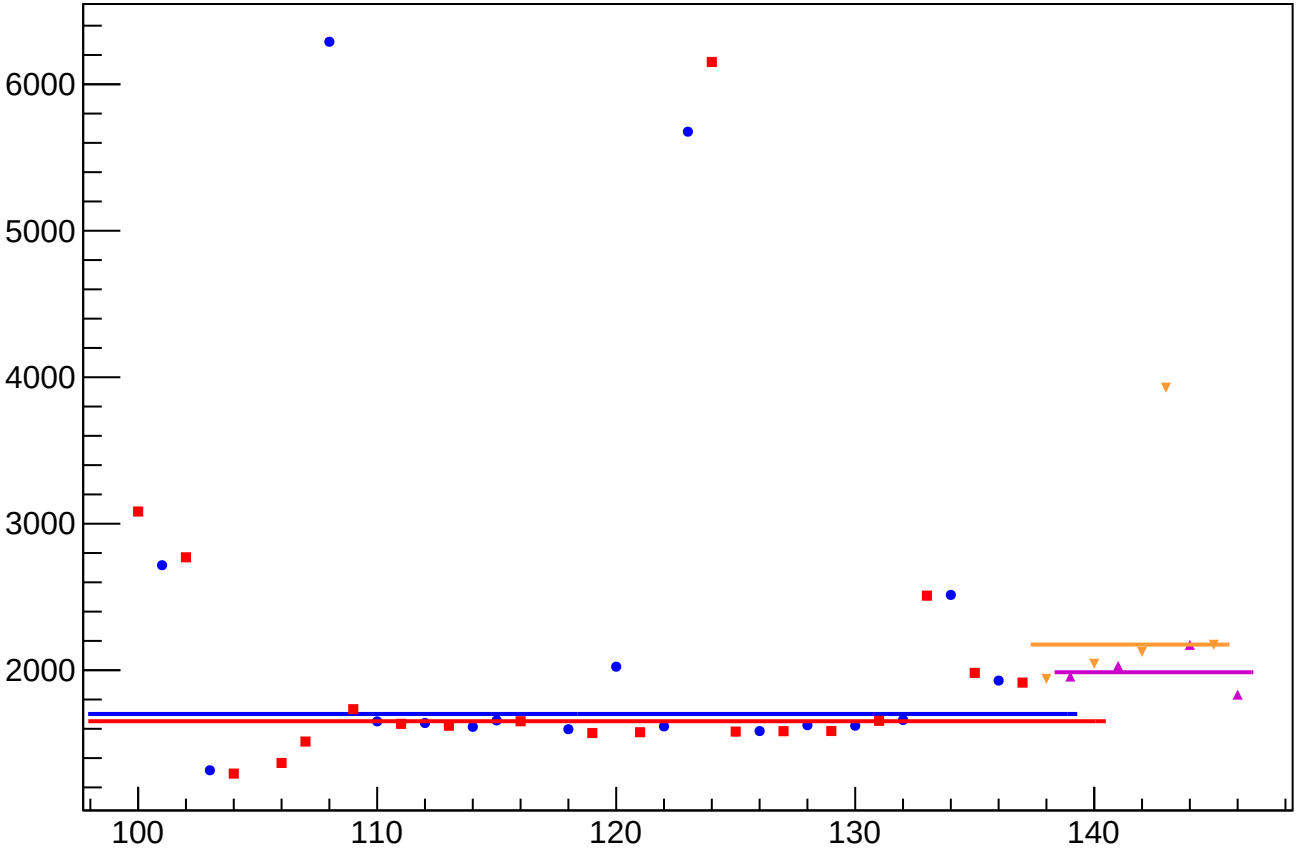
Left In: 499.552+/-1094.006 χ^2/NDF:5.4/3

+ sign -348.560+/-592.110 χ^2/NDF: 24.3/21

All: -95.073+/-403.840 χ^2/NDF: 45.7/44

- sign 125.402+/-552.209 χ^2/NDF: 21.0/22

dit_asym_at2_dd_rms vs Slug



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

Left Out: 2174.956+/-0.855 χ^2/NDF:293006.3/4

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

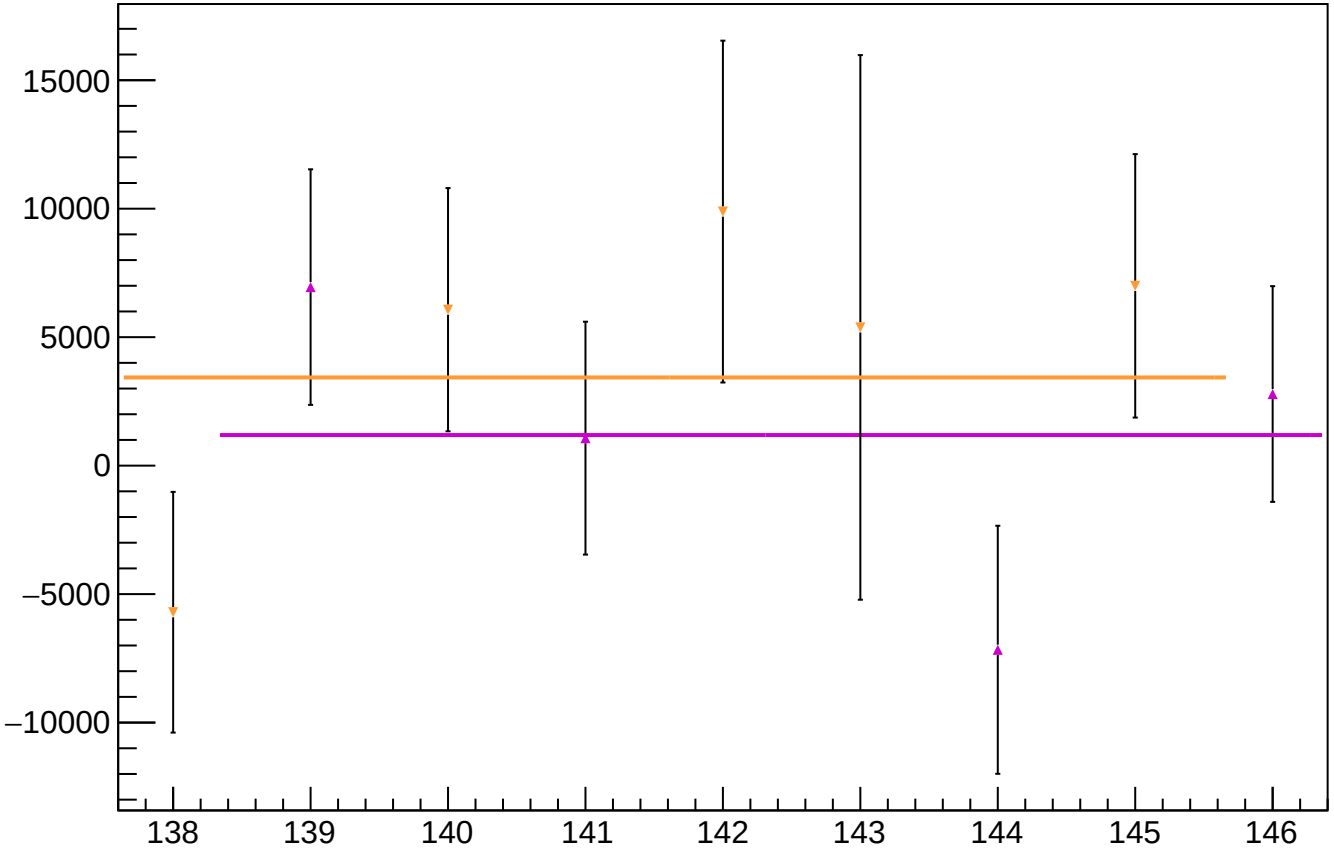
Left In: 1986.039+/-0.774 χ^2/NDF:25087.3/3

+ sign 1814.927+/-0.419 χ^2/NDF: 1305130.8/21

All: 1773.201+/-0.286 χ^2/NDF: 2076806.1/44

- sign 1736.908+/-0.390 χ^2/NDF: 753104.3/22

asym_at2_dd_correction_mean vs Slug



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

Left Out: 3431.980+/-2501.778 χ^2/NDF:5.6/4

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

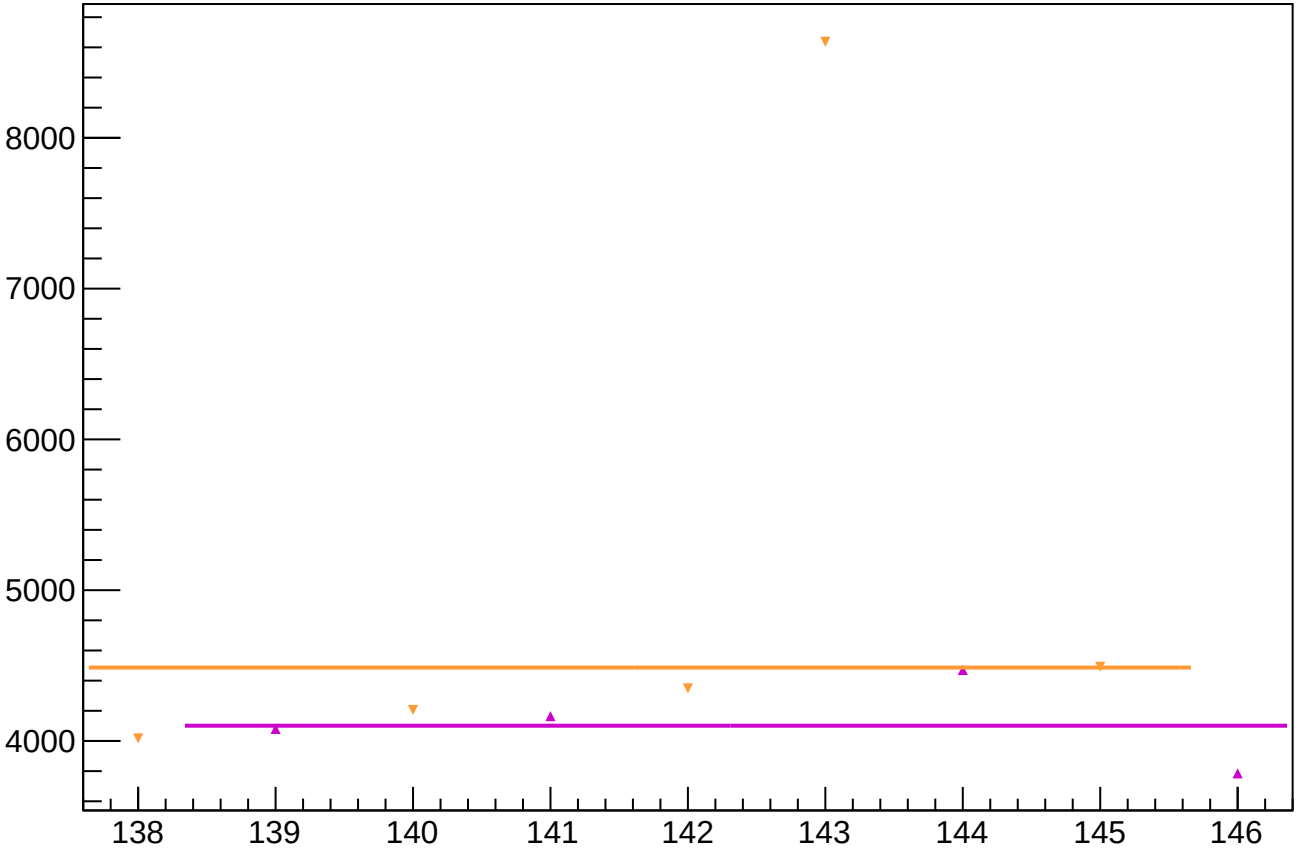
Left In: 1190.436+/-2258.980 χ^2/NDF:4.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2197.186+/-1676.625 χ^2/NDF: 10.7/8

- 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: 4487.028+/-1.769 χ^2/NDF:334756.7/4

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

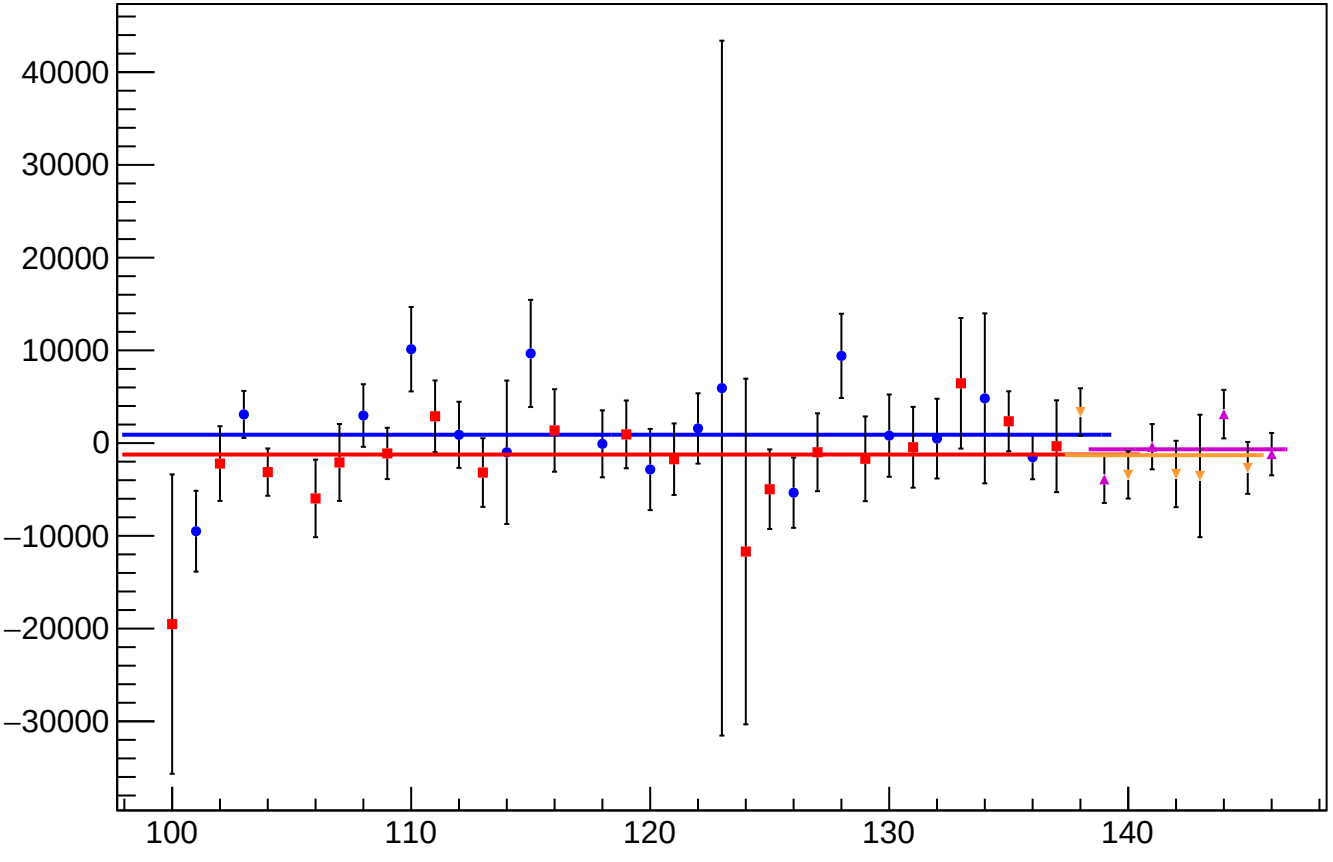
Left In: 4101.283+/-1.597 χ^2/NDF:23507.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4274.533+/-1.186 χ^2/NDF: 384456.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_mean vs Slug



Right In: 903.274+/-961.918 χ^2/NDF: 21.6/16

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

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

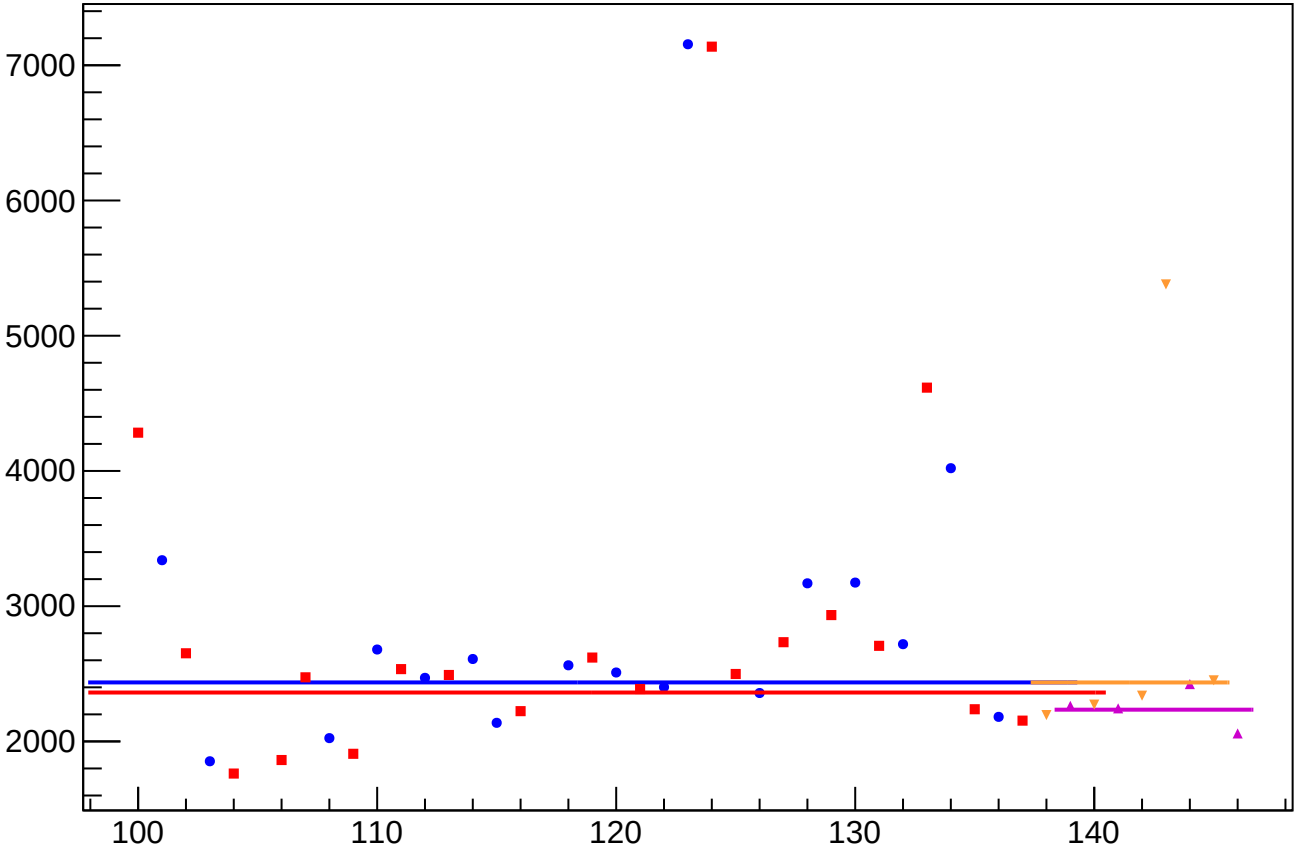
Left In: -668.181+/-1230.837 χ^2/NDF:3.8/3

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

All: -464.017+/-538.851 χ^2/NDF: 42.1/44

- sign -1027.860+/-739.475 χ^2/NDF: 12.8/22

asym_at2_dd_rms vs Slug



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

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

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

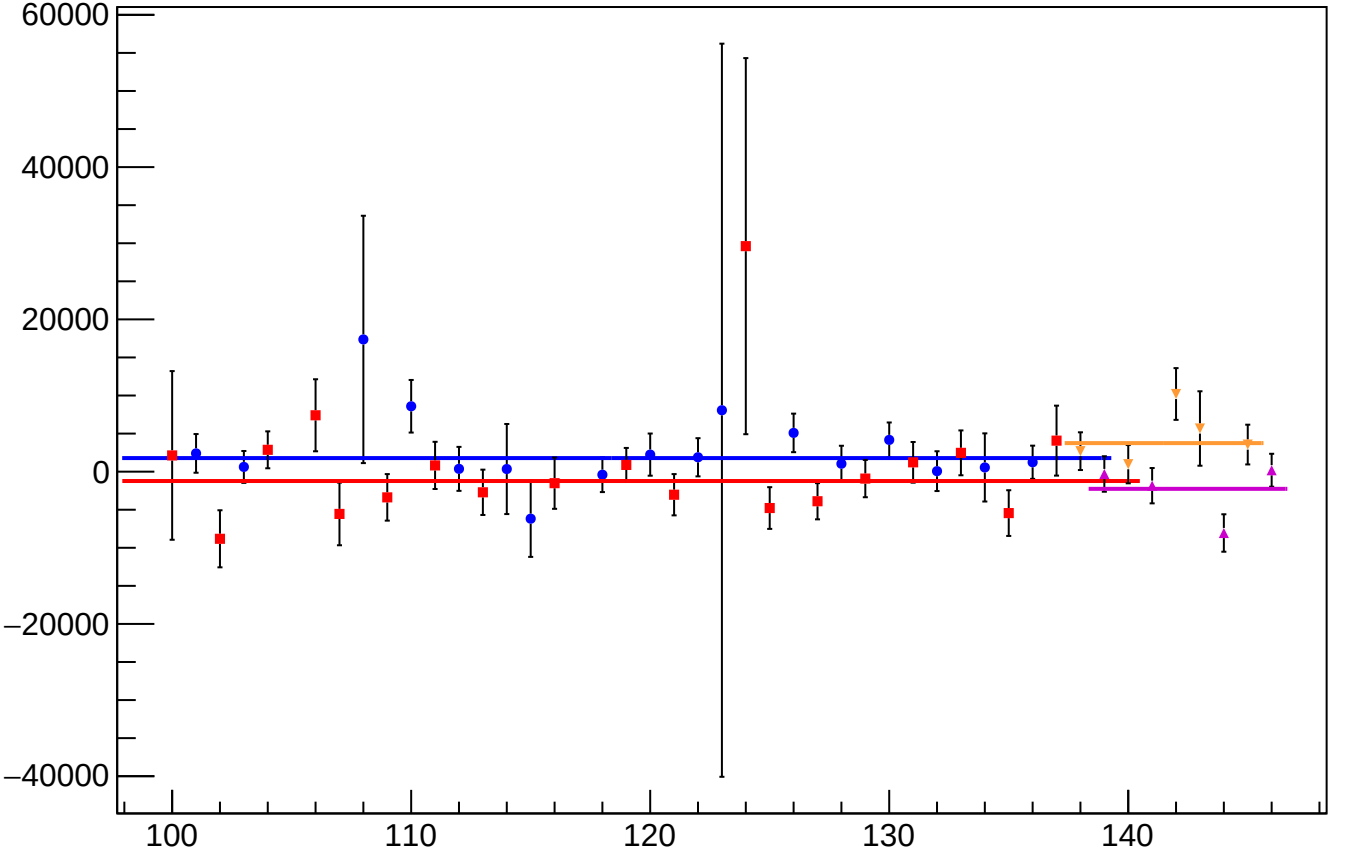
Left In: 2234.695+/-0.870 χ^2/NDF:22579.8/3

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

All: 2372.232+/-0.381 χ^2/NDF: 1610324.9/44

- sign 2315.767+/-0.523 χ^2/NDF: 692003.9/22

dit_asym_atl_avg_mean vs Slug



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

Left Out: 3749.425+/-1294.900 χ^2/NDF:5.2/4

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

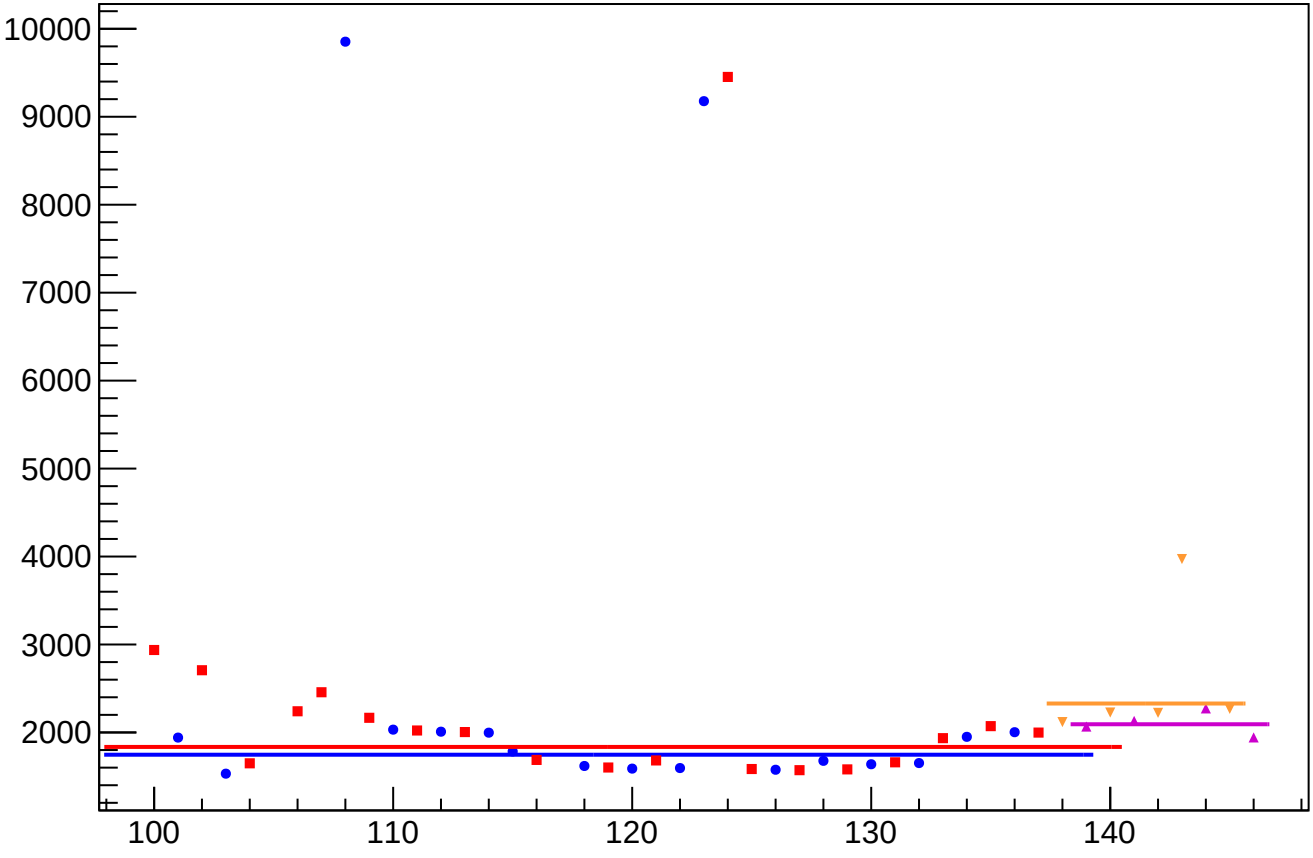
Left In: -2256.834+/-1155.232 χ^2/NDF:7.6/3

+ sign 2222.585+/-611.964 χ^2/NDF: 19.4/21

All: 331.079+/-429.787 χ^2/NDF: 70.6/44

- sign -1509.942+/-603.742 χ^2/NDF: 32.4/22

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2328.991+/-0.916 χ^2/NDF:246633.0/4

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

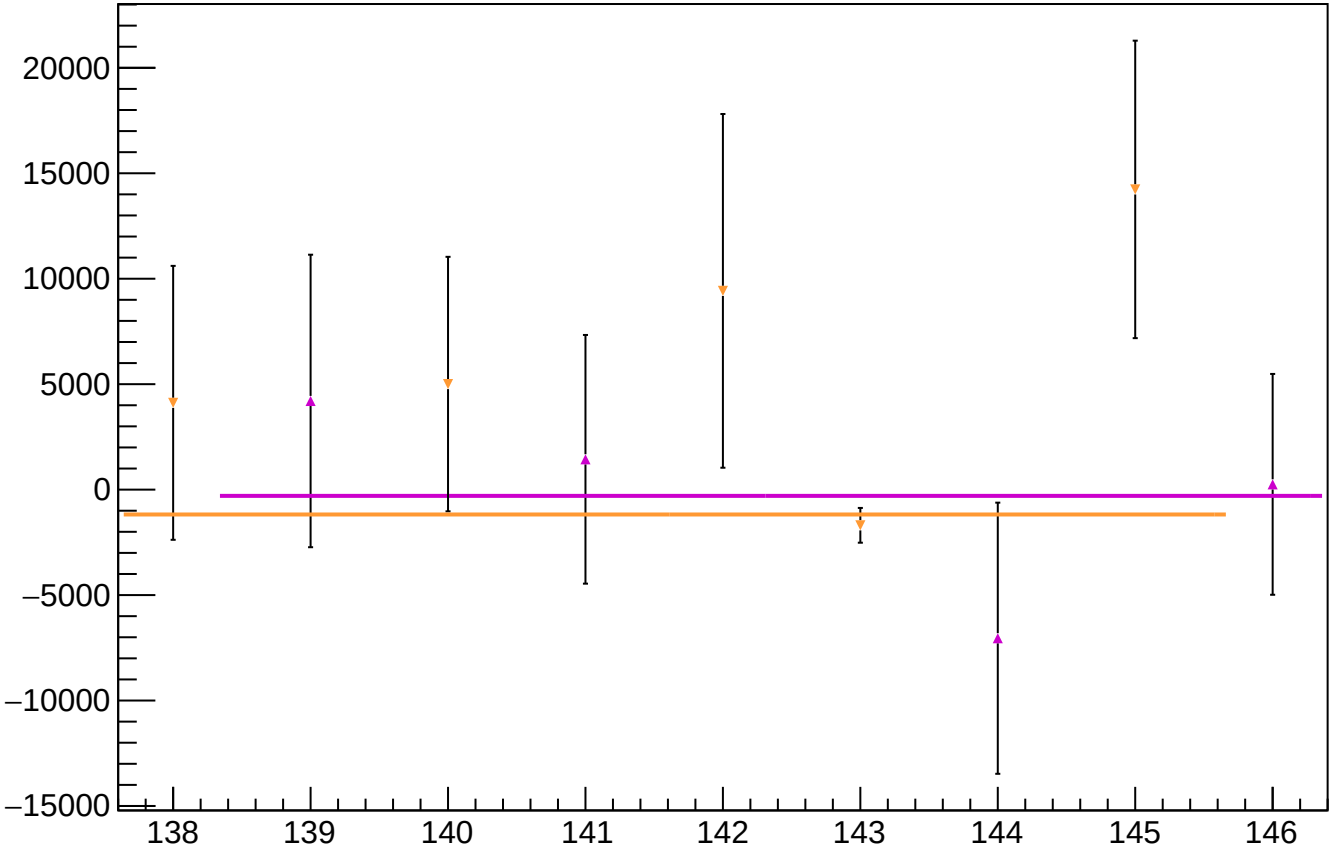
Left In: 2093.242+/-0.817 χ^2/NDF:21139.2/3

+ sign 1876.858+/-0.433 χ^2/NDF: 1243068.5/21

All: 1891.492+/-0.304 χ^2/NDF: 1889325.1/44

- sign 1905.710+/-0.427 χ^2/NDF: 644001.8/22

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1178.742+/-801.362 χ^2/NDF:8.5/4

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

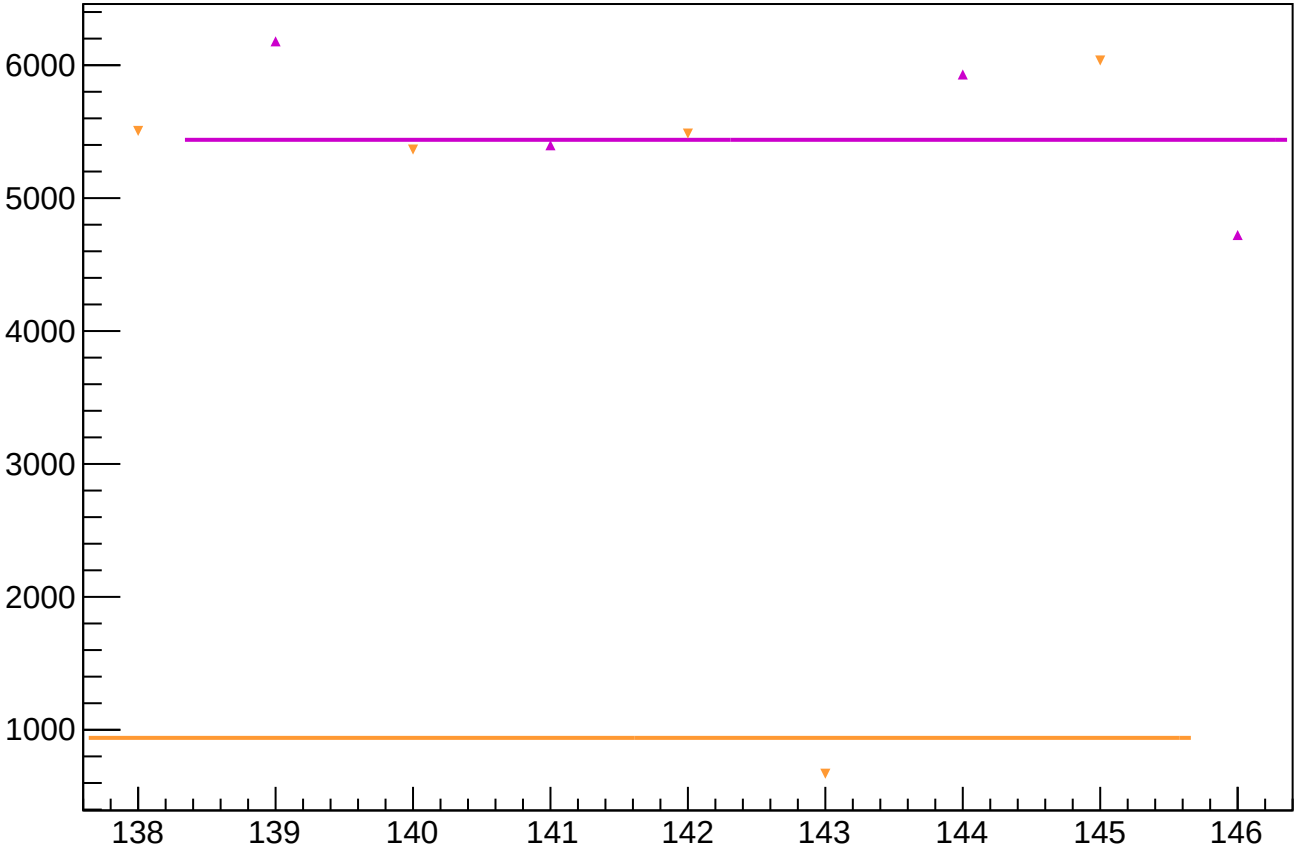
Left In: -295.854+/-3011.724 χ^2/NDF:1.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1120.367+/-774.416 χ^2/NDF: 10.2/8

- 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: 939.446+/-0.567 χ^2/NDF:3911021.5/4

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

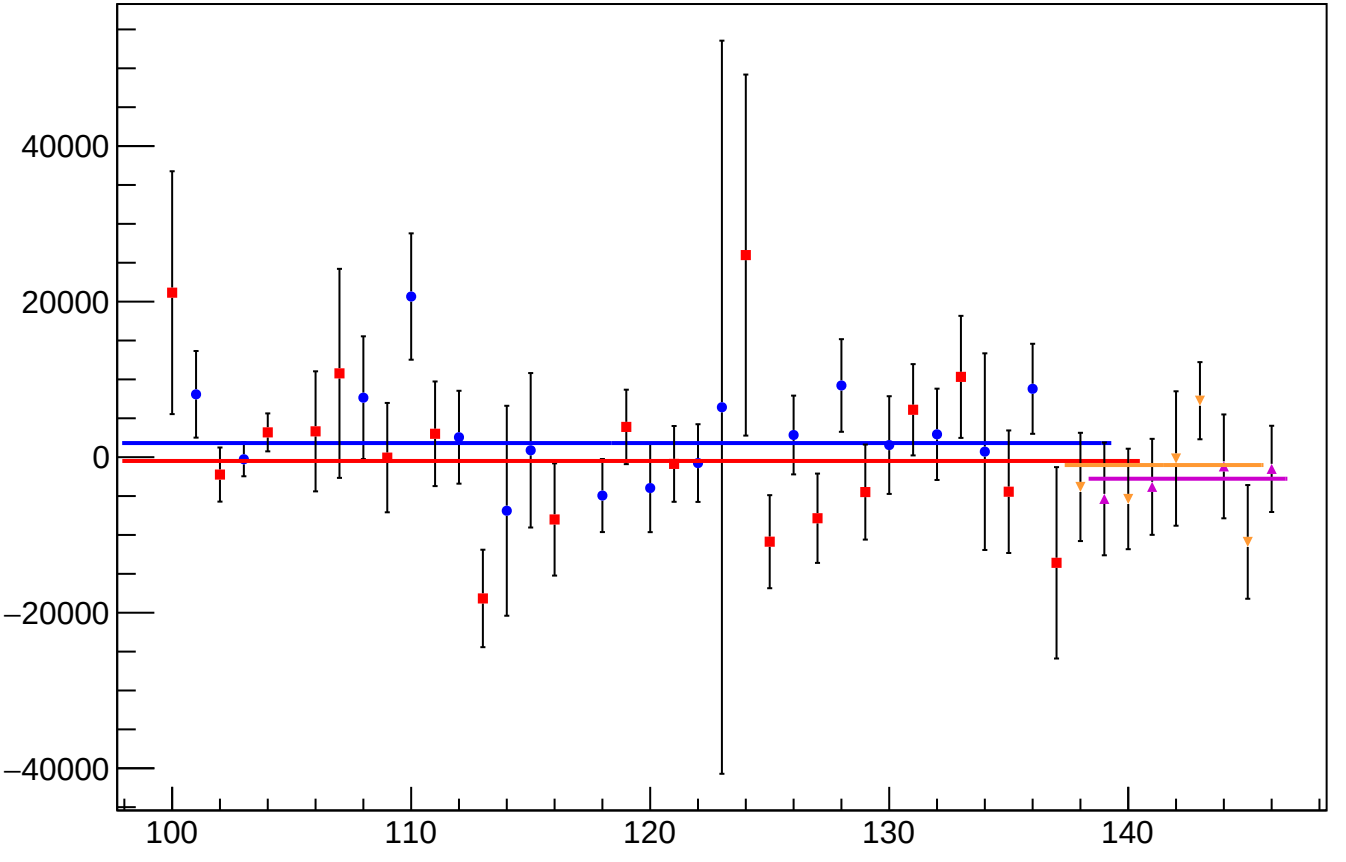
Left In: 5438.605+/-2.130 χ^2/NDF:72044.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1236.920+/-0.548 χ^2/NDF: 8151322.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_mean vs Slug



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

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

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

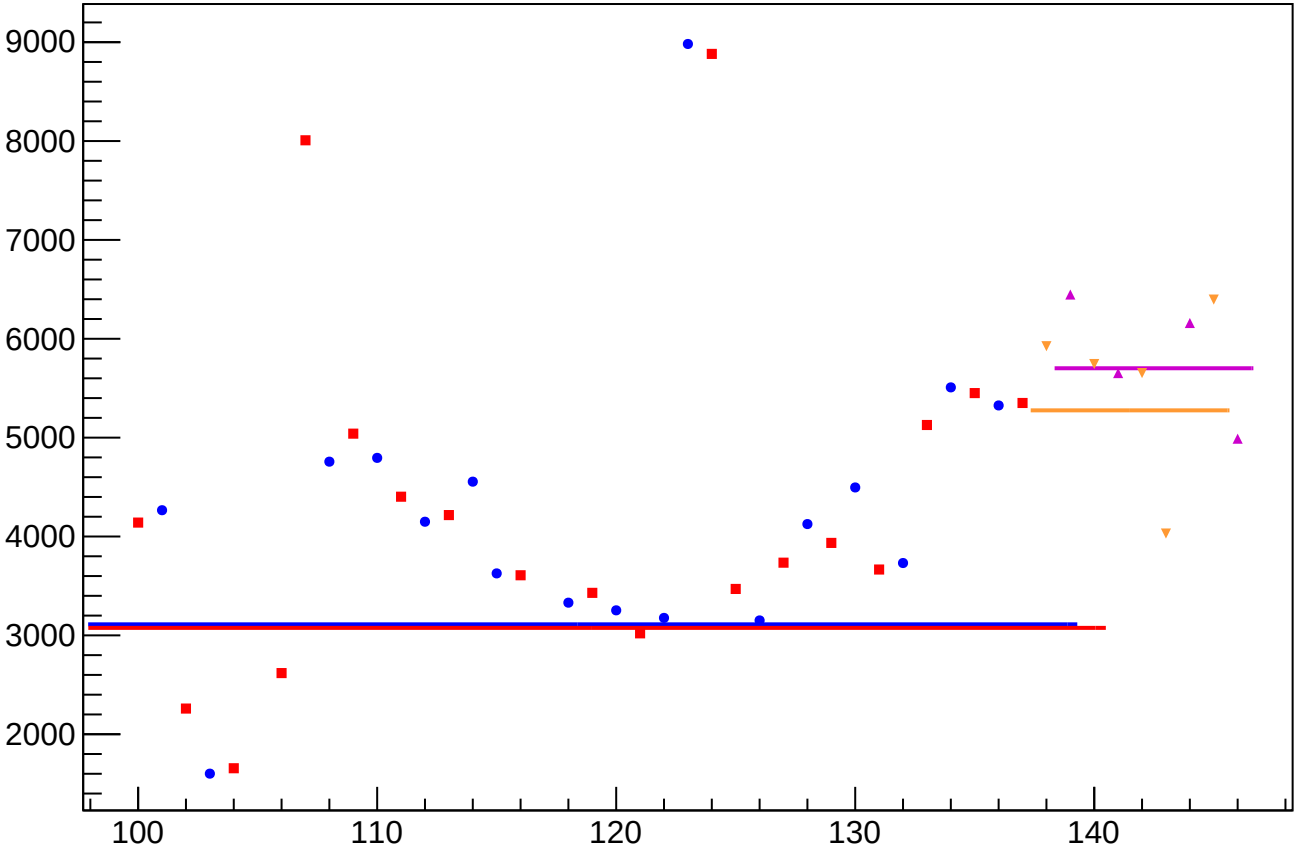
Left In: -2771.479+/-3158.281 χ^2/NDF:0.3/3

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

All: 268.645+/-841.340 χ^2/NDF: 49.9/44

- sign -813.094+/-1191.106 χ^2/NDF: 27.2/22

asym_atl_avg_rms vs Slug



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

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

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

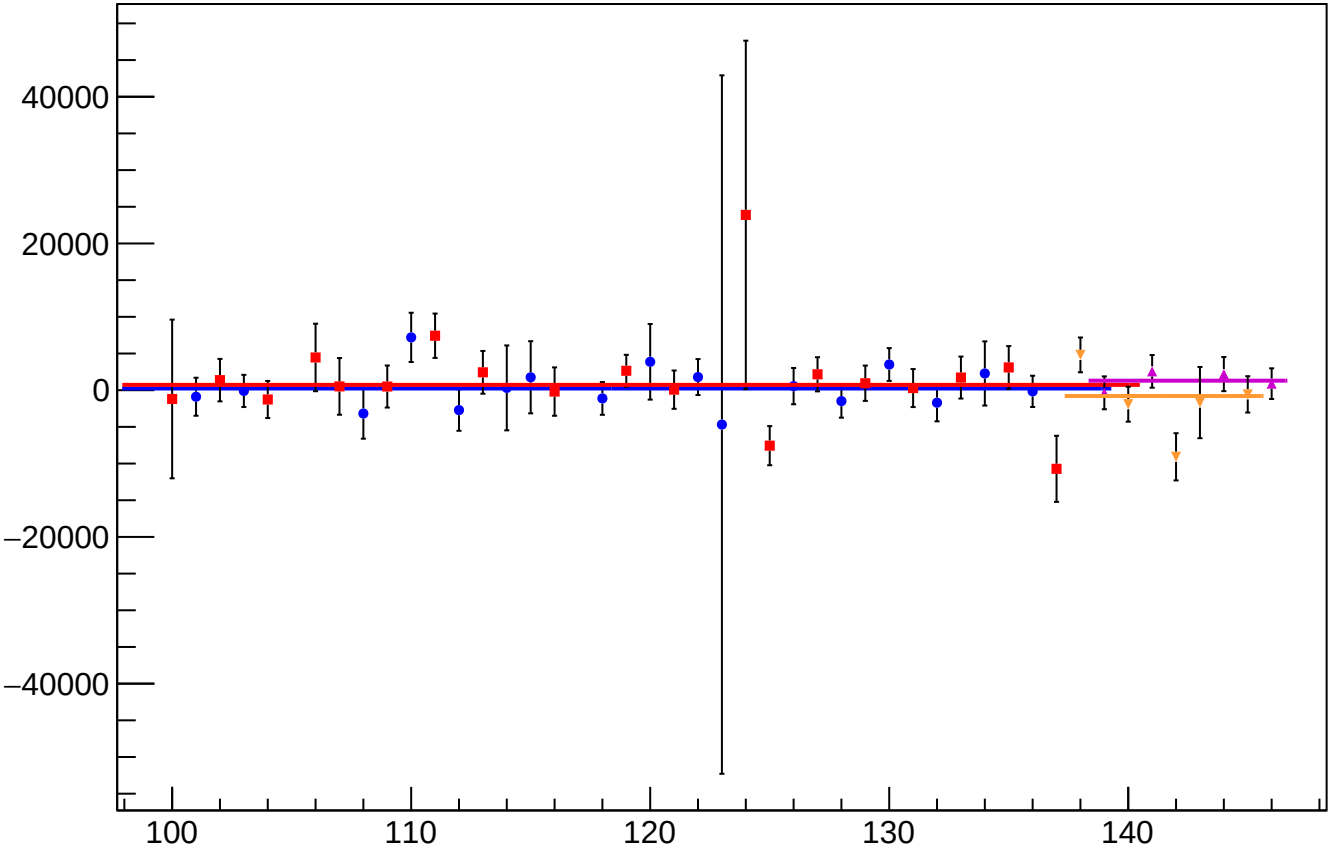
Left In: 5701.801+/-2.233 χ^2/NDF:63722.3/3

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

All: 3455.052+/-0.591 χ^2/NDF: 6265882.8/44

- sign 3440.058+/-0.832 χ^2/NDF: 3264155.3/22

dit_asym_atl_dd_mean vs Slug



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

Left Out: -794.591+/-1234.754 χ^2/NDF:12.5/4

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

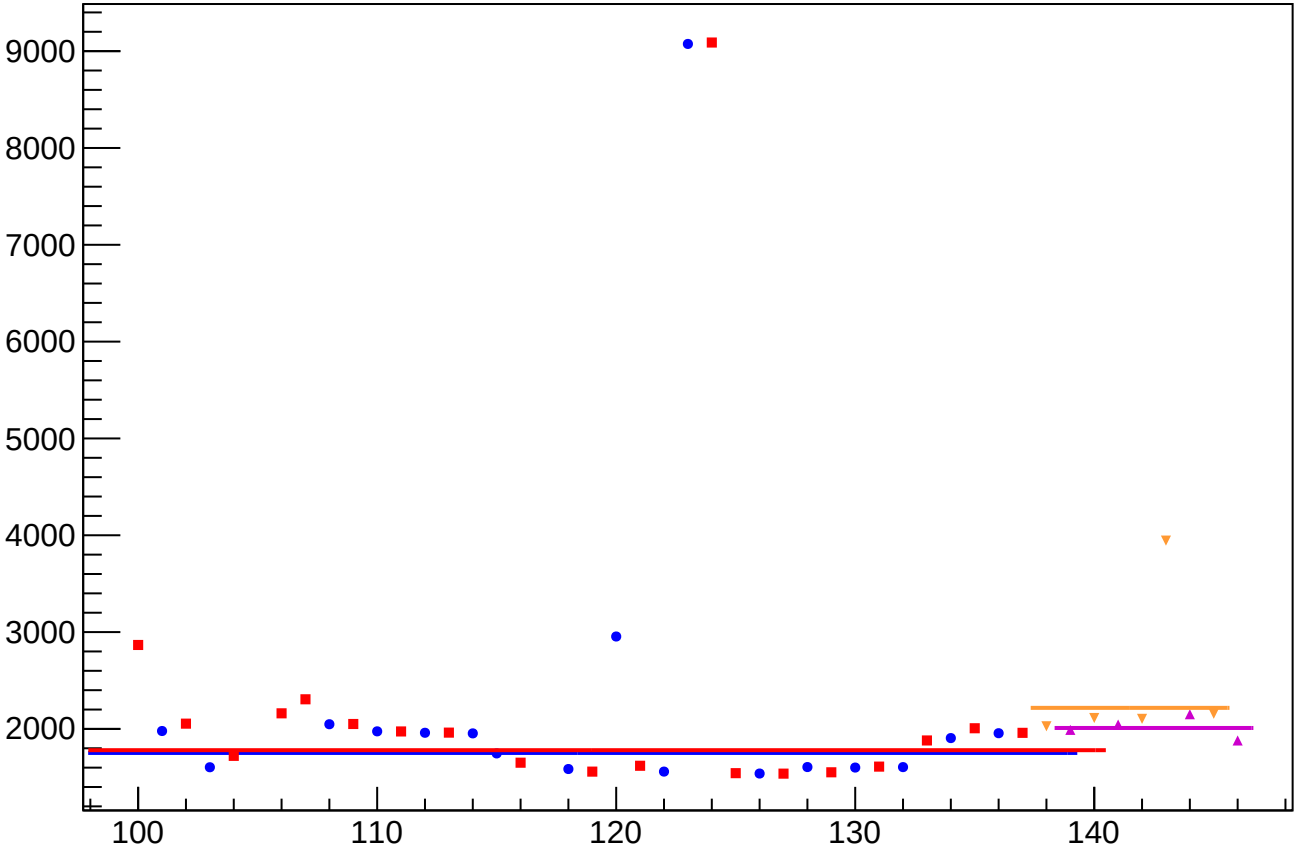
Left In: 1296.512+/-1108.271 χ^2/NDF:1.1/3

+ sign -10.311+/-600.191 χ^2/NDF: 24.6/21

All: 450.236+/-417.884 χ^2/NDF: 52.8/44

- sign 883.550+/-582.176 χ^2/NDF: 27.1/22

dit_asym_atl_dd_rms vs Slug



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

Left Out: 2217.437+/-0.873 χ^2/NDF:273485.0/4

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

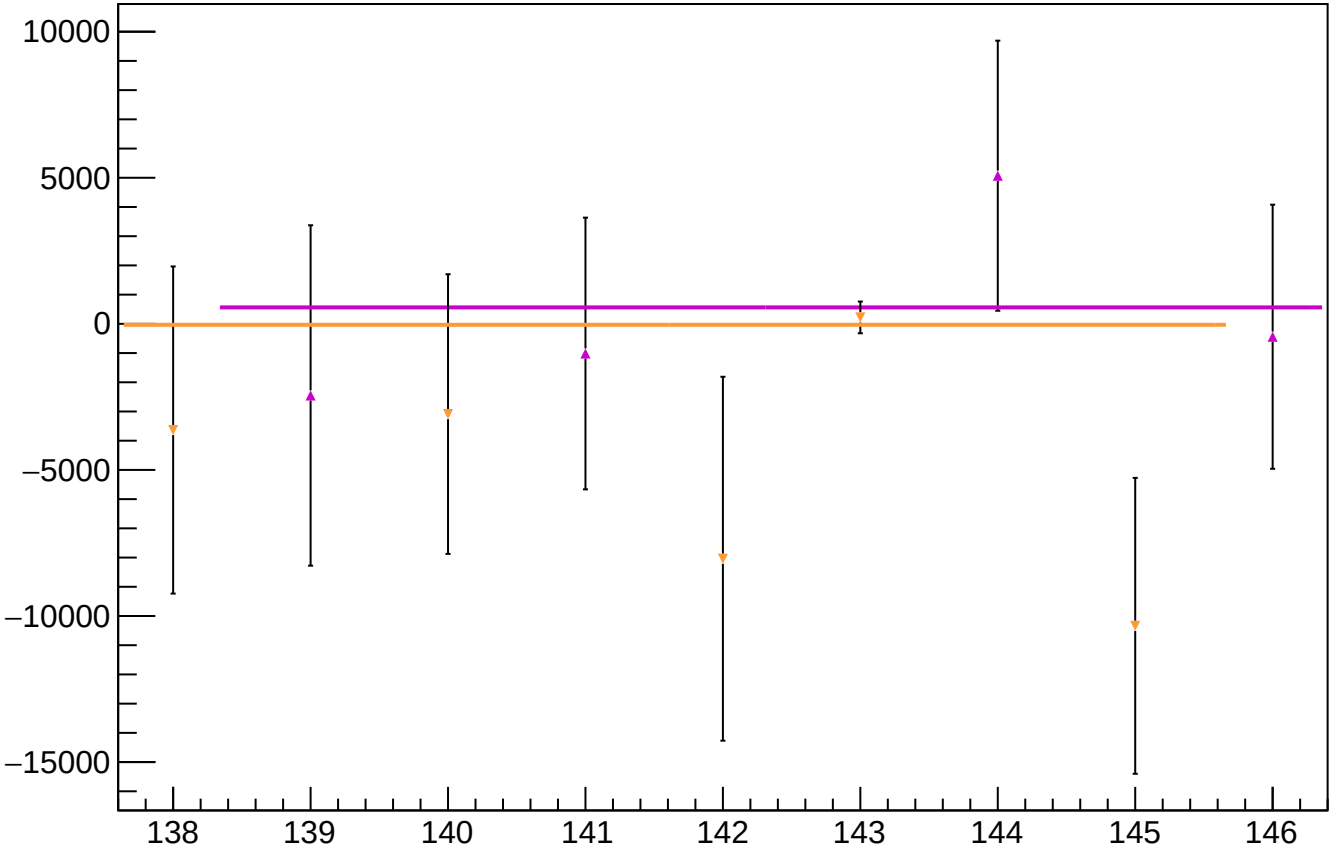
Left In: 2009.678+/-0.784 χ^2/NDF:15717.5/3

+ sign 1861.857+/-0.424 χ^2/NDF: 791556.7/21

All: 1852.328+/-0.295 χ^2/NDF: 1298714.8/44

- sign 1843.383+/-0.411 χ^2/NDF: 506180.7/22

asym_atl_dd_correction_mean vs Slug



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

Left Out: -32.139+/-532.033 χ^2/NDF:6.8/4

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

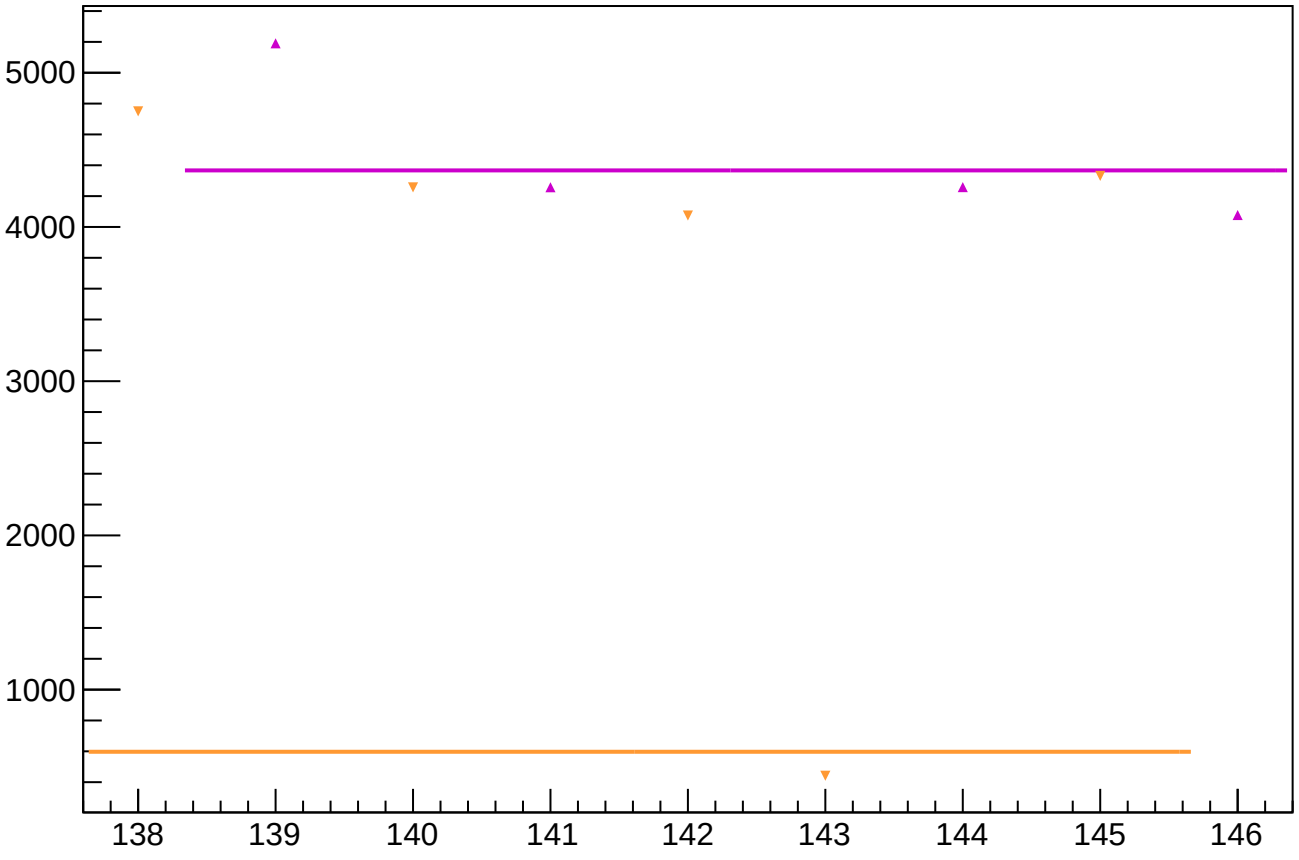
Left In: 563.211+/-2414.912 χ^2/NDF:1.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.580+/-519.573 χ^2/NDF: 8.3/8

- 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: 597.166+/-0.376 χ^2/NDF:4143737.3/4

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

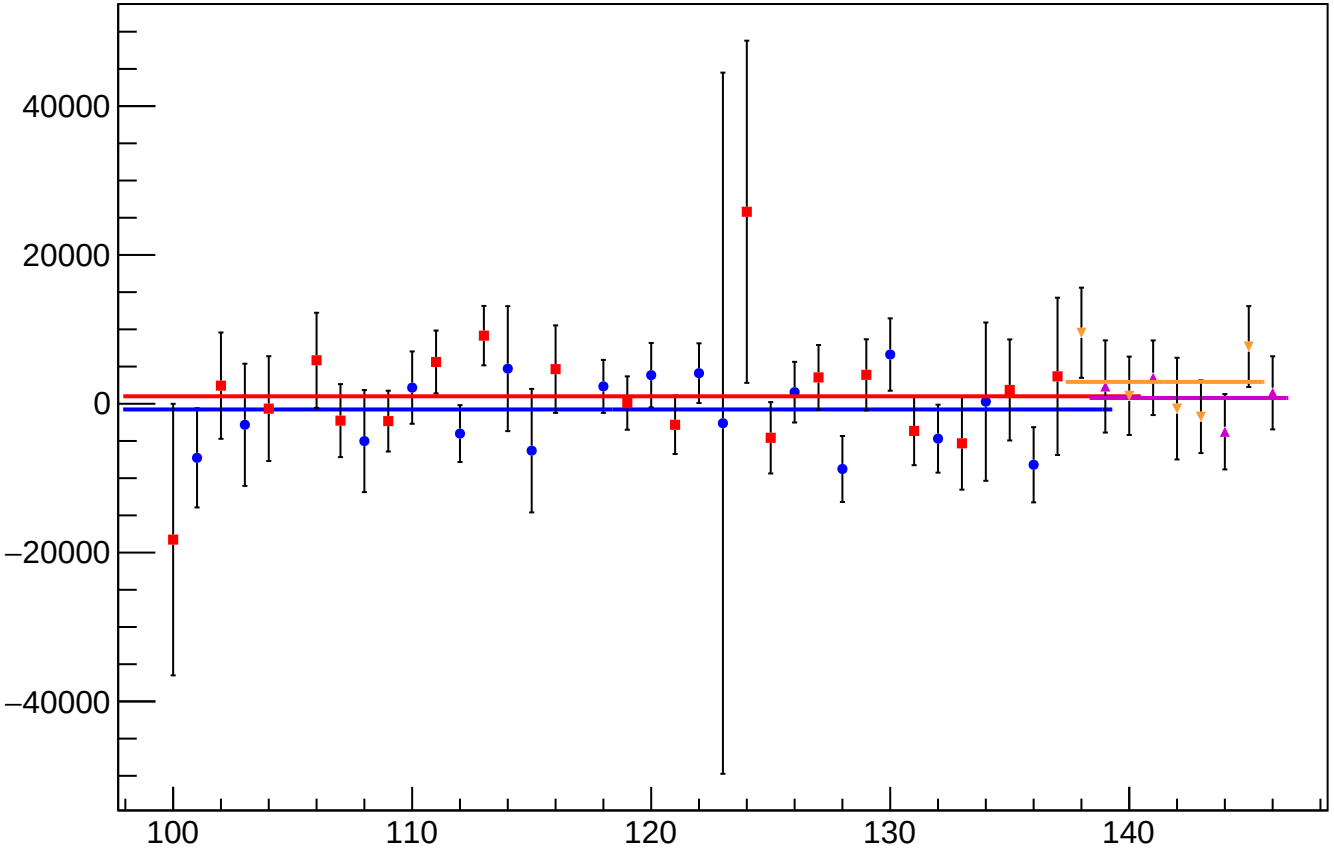
Left In: 4366.777+/-1.708 χ^2/NDF:50413.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 771.662+/-0.367 χ^2/NDF: 8841835.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_mean vs Slug



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

Left Out: 2940.329+/-2496.528 χ^2/NDF:3.3/4

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

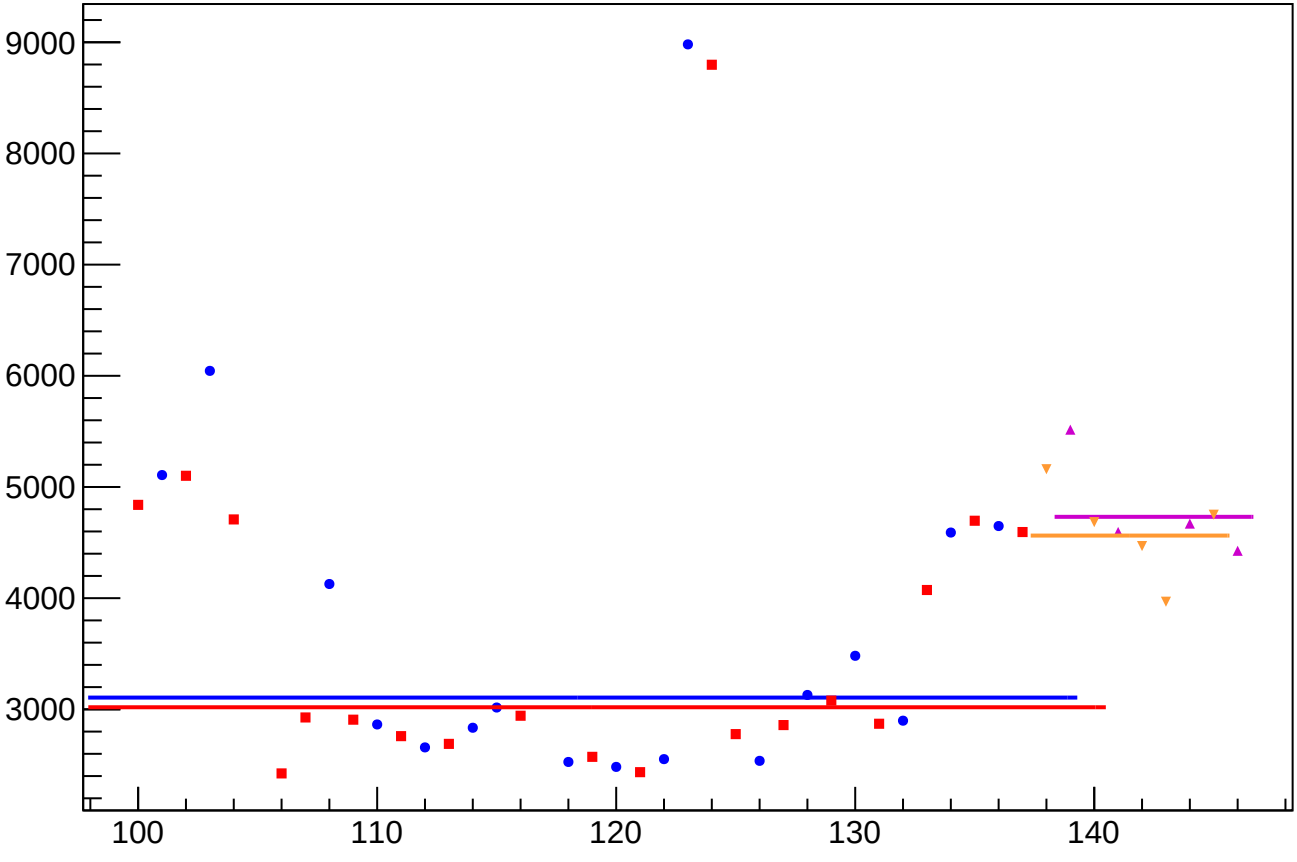
Left In: 778.054+/-2614.087 χ^2/NDF:1.2/3

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

All: 485.113+/-777.561 χ^2/NDF: 37.2/44

- sign 965.810+/-1083.900 χ^2/NDF: 16.2/22

asym_atl_dd_rms vs Slug



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

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

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

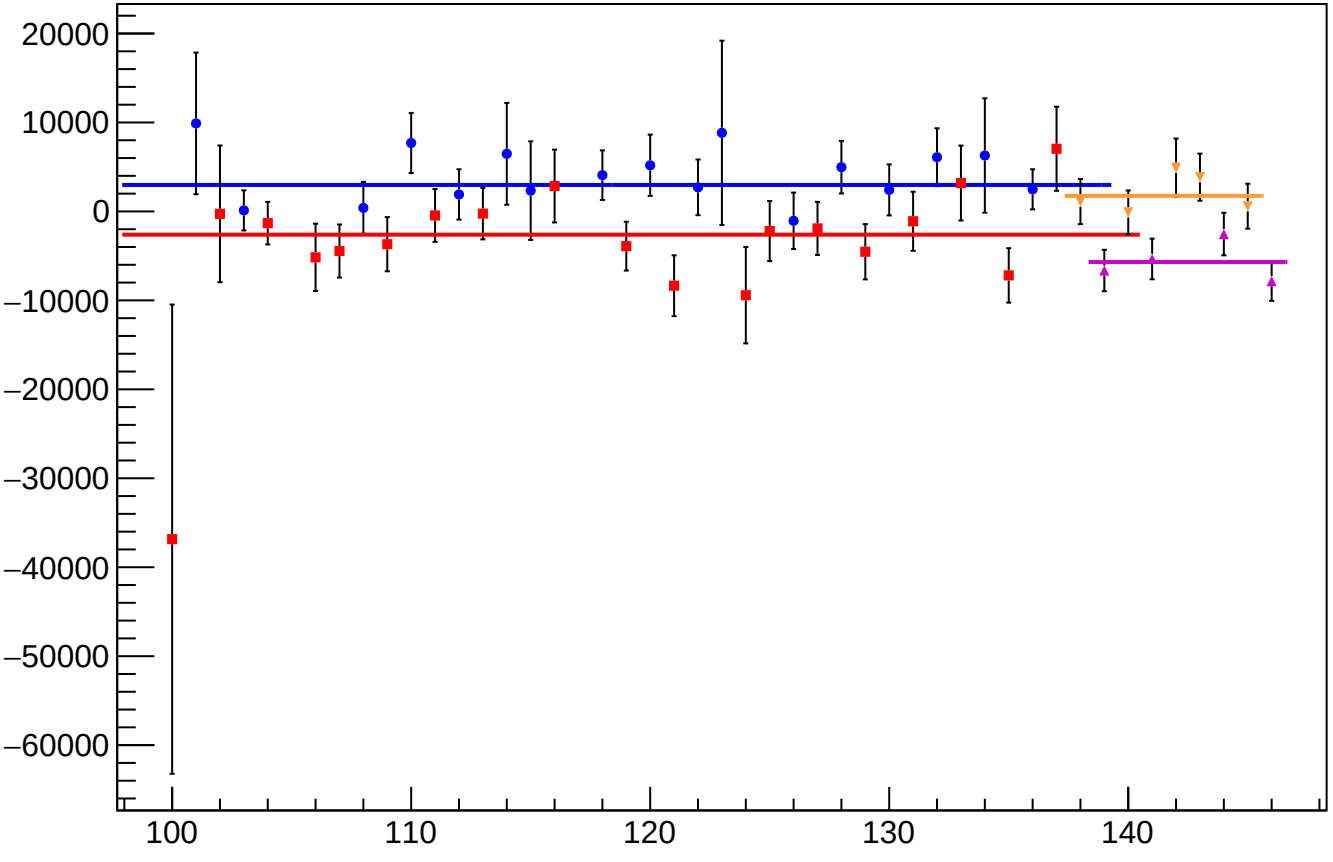
Left In: 4731.637+/-1.848 χ^2/NDF:41567.3/3

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

All: 3350.356+/-0.547 χ^2/NDF: 3114577.3/44

- sign 3307.201+/-0.759 χ^2/NDF: 1549933.7/22

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1754.422+/-1184.749 χ^2/NDF:2.4/4

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

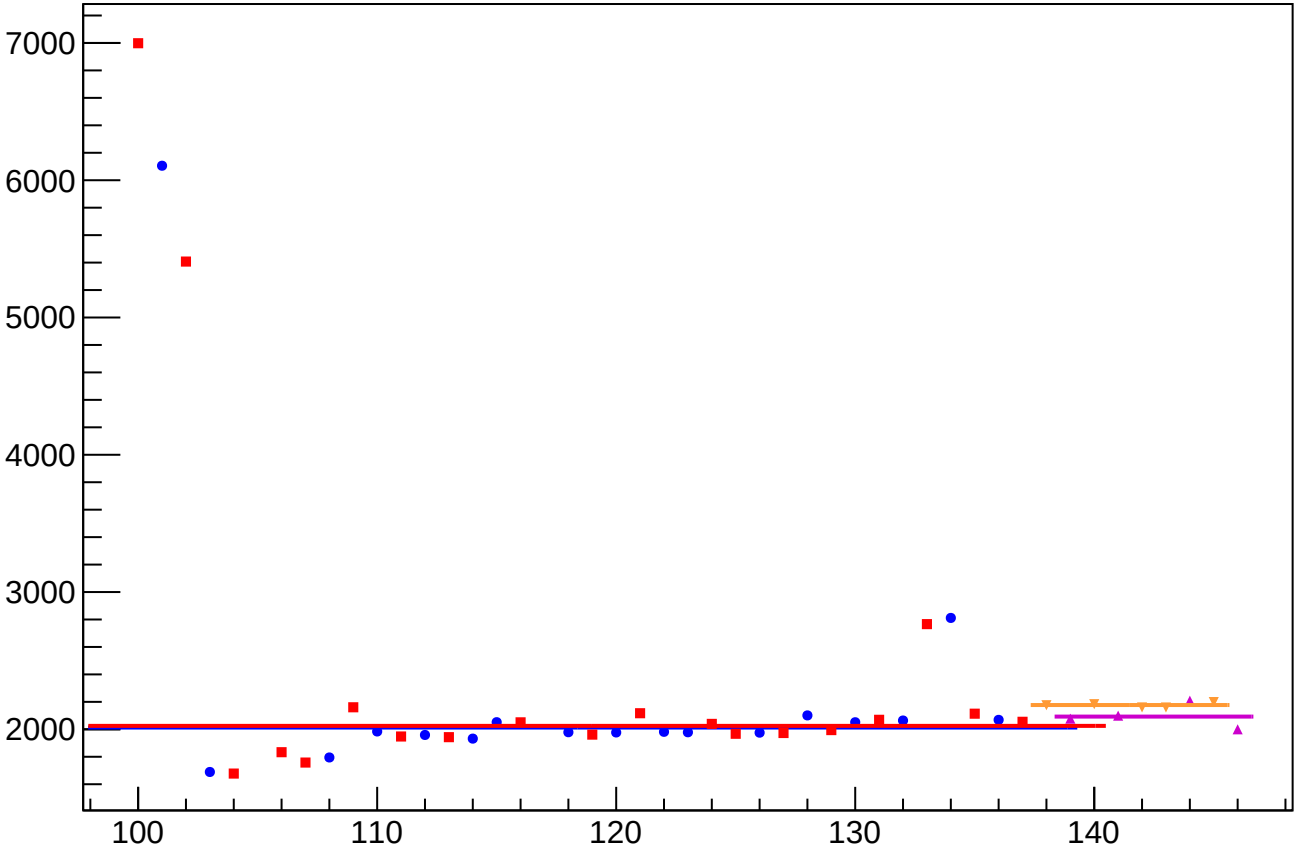
Left In: -5683.219+/-1151.556 χ^2/NDF:2.9/3

+ sign 2598.151+/-660.376 χ^2/NDF: 13.0/21

All: -553.515+/-462.383 χ^2/NDF: 85.0/44

- sign -3584.670+/-647.627 χ^2/NDF: 27.3/22

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2176.879+/-0.838 χ^2/NDF:307.8/4

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

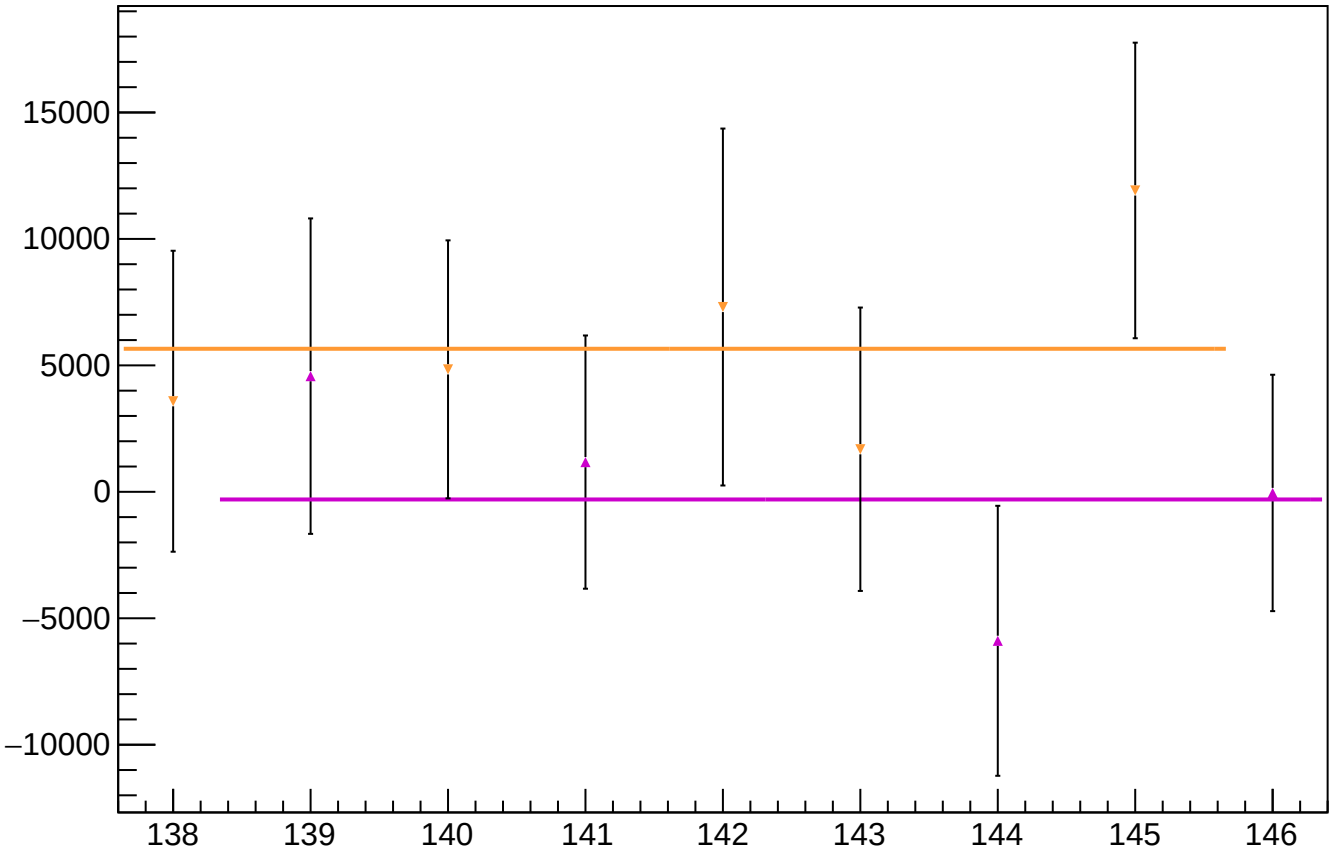
Left In: 2092.705+/-0.814 χ^2/NDF:8276.7/3

+ sign 2063.878+/-0.467 χ^2/NDF: 644410.7/21

All: 2054.993+/-0.327 χ^2/NDF: 1255538.0/44

- sign 2046.452+/-0.458 χ^2/NDF: 610417.3/22

asym_atr_avg_correction_mean vs Slug



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

Left Out: 5656.433+/-2600.269 χ^2/NDF:1.9/4

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

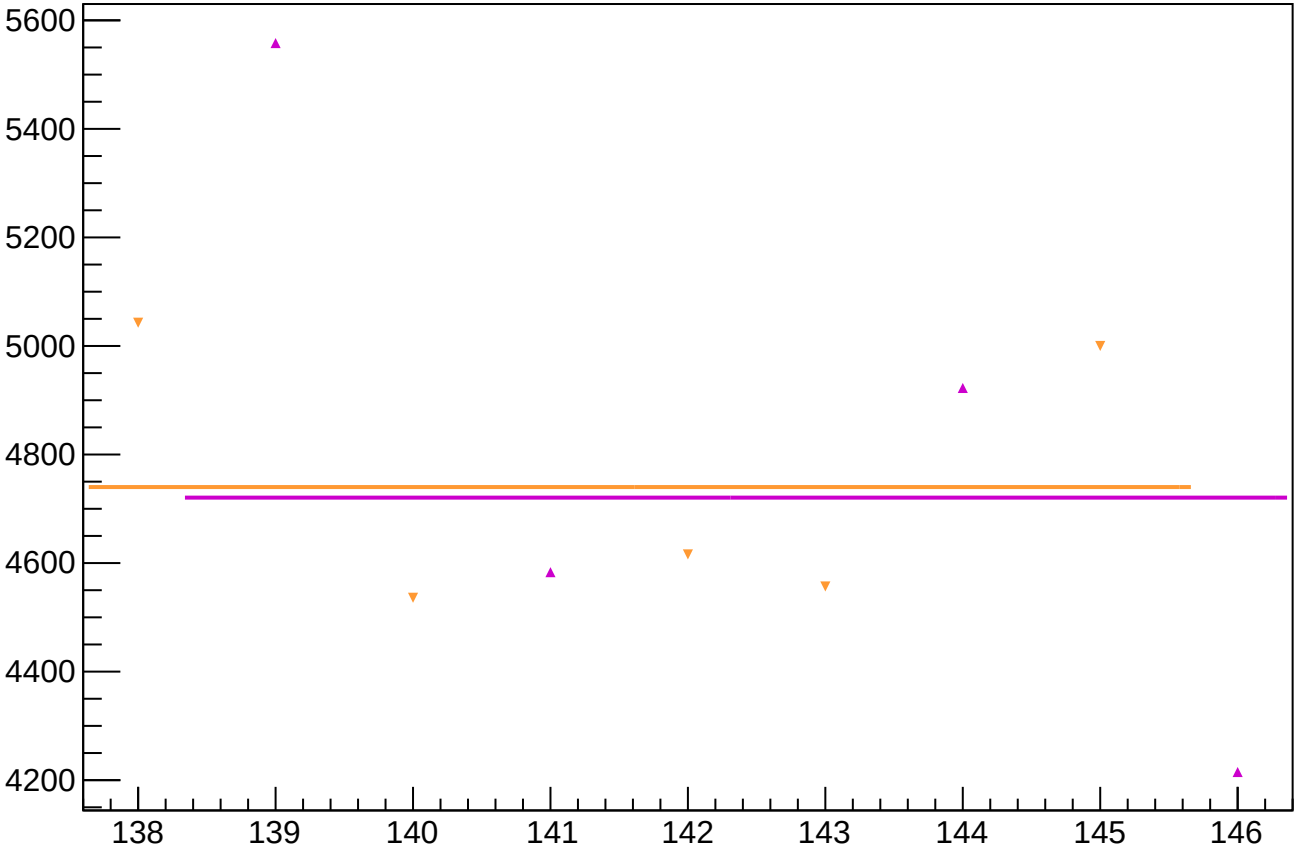
Left In: -302.272+/-2612.737 χ^2/NDF:1.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2691.332+/-1843.060 χ^2/NDF: 6.3/8

- 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: 4740.045+/-1.839 χ^2/NDF:15091.9/4

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

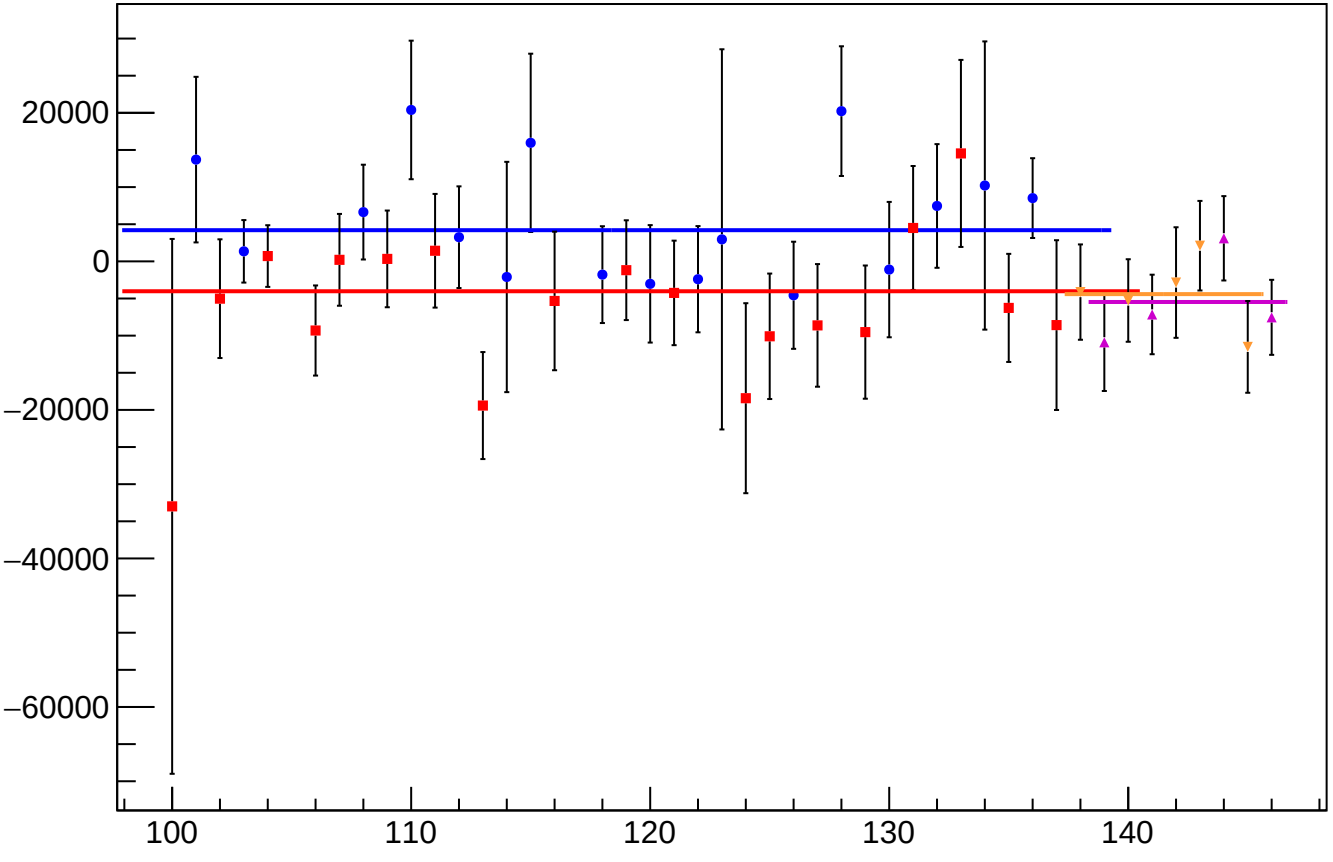
Left In: 4720.579+/-1.847 χ^2/NDF:63844.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4730.358+/-1.303 χ^2/NDF: 78992.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_mean vs Slug



Right In: 4198.770+/-1857.803 χ^2/NDF: 14.1/16

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

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

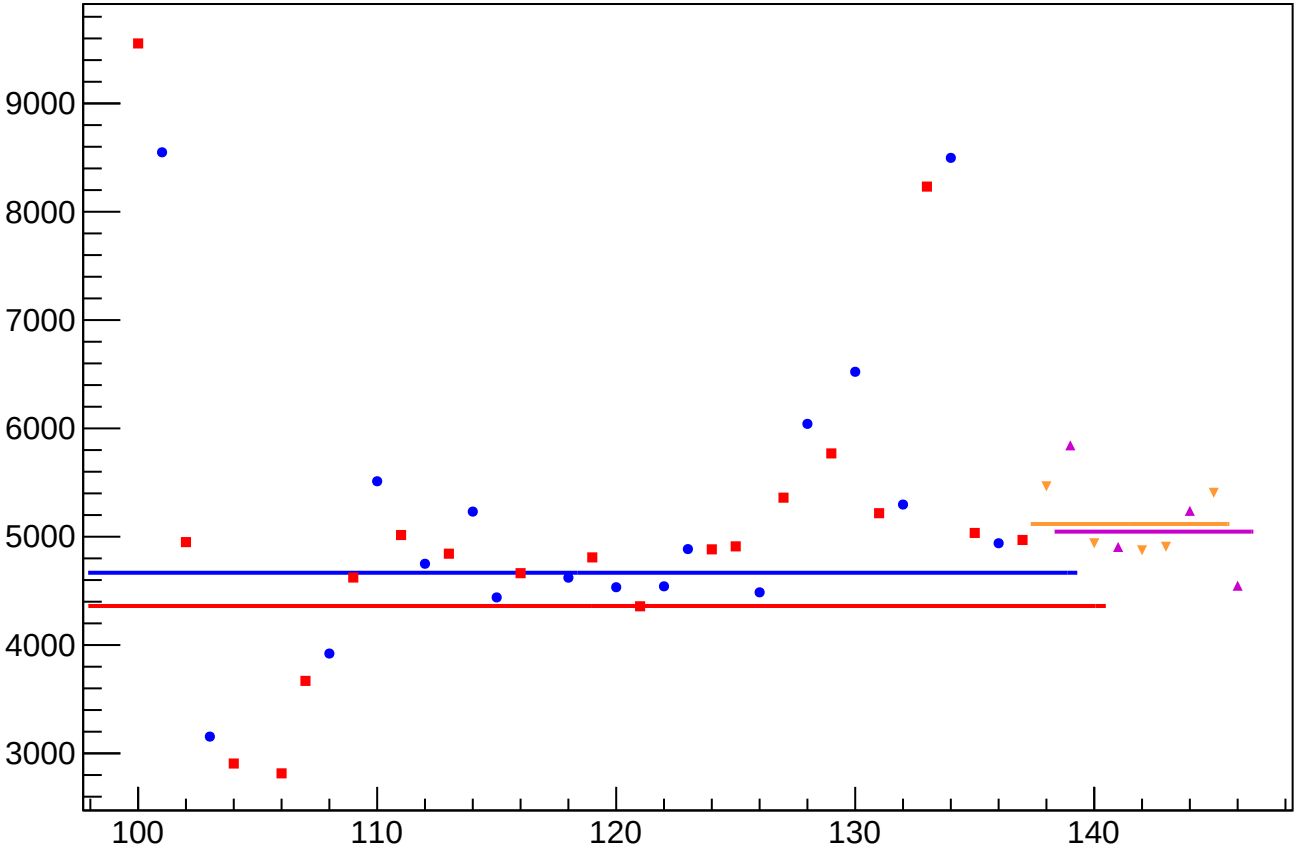
Left In: -5469.066+/-2791.218 χ^2/NDF:3.2/3

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

All: -1590.554+/-1064.485 χ^2/NDF: 49.4/44

- sign -4423.217+/-1467.504 χ^2/NDF: 18.3/22

asym_atr_avg_rms vs Slug



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

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

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

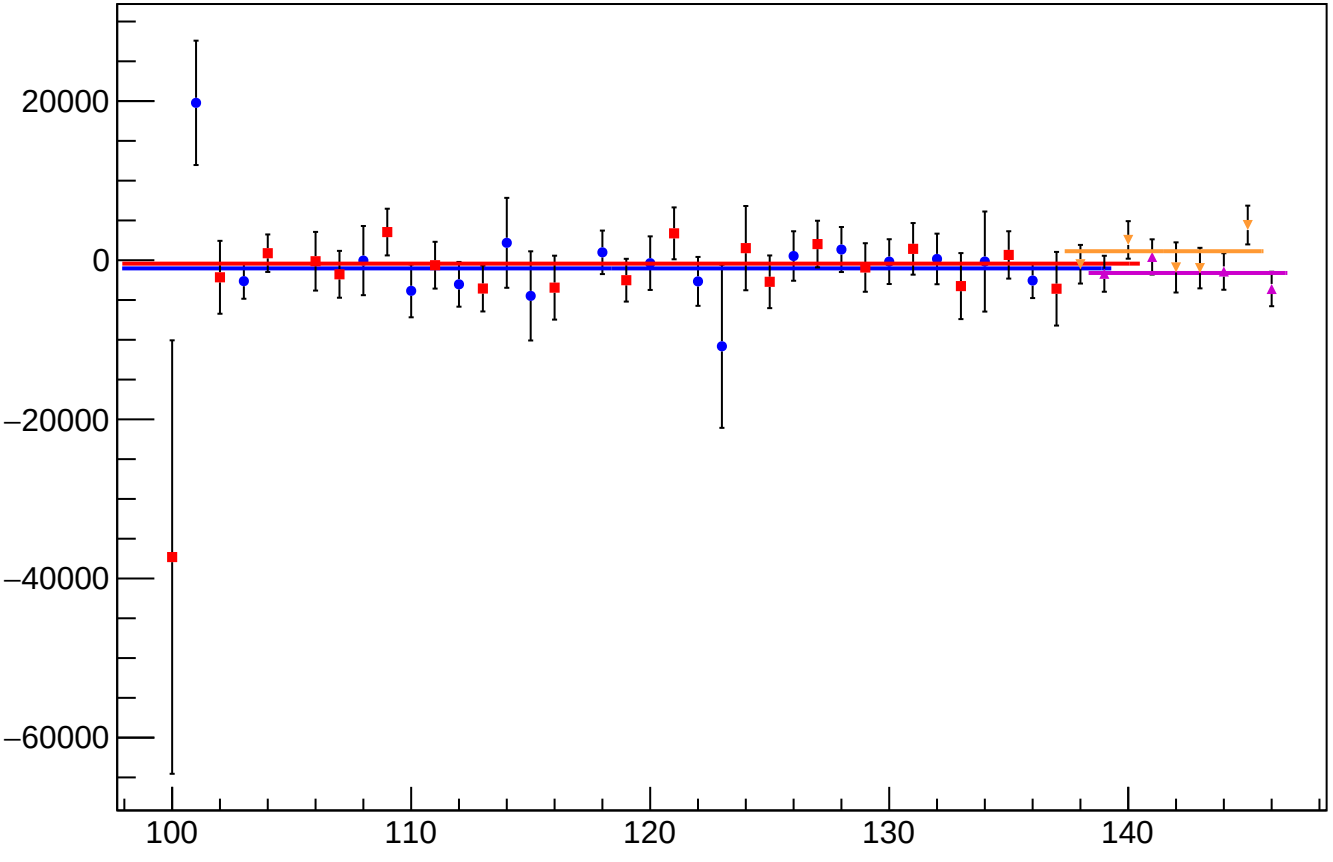
Left In: 5046.922+/-1.974 χ^2/NDF:52750.8/3

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

All: 4669.968+/-0.751 χ^2/NDF: 1833230.1/44

- sign 4548.715+/-1.033 χ^2/NDF: 973275.0/22

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1131.930+/-1137.693 χ^2/NDF:3.8/4

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

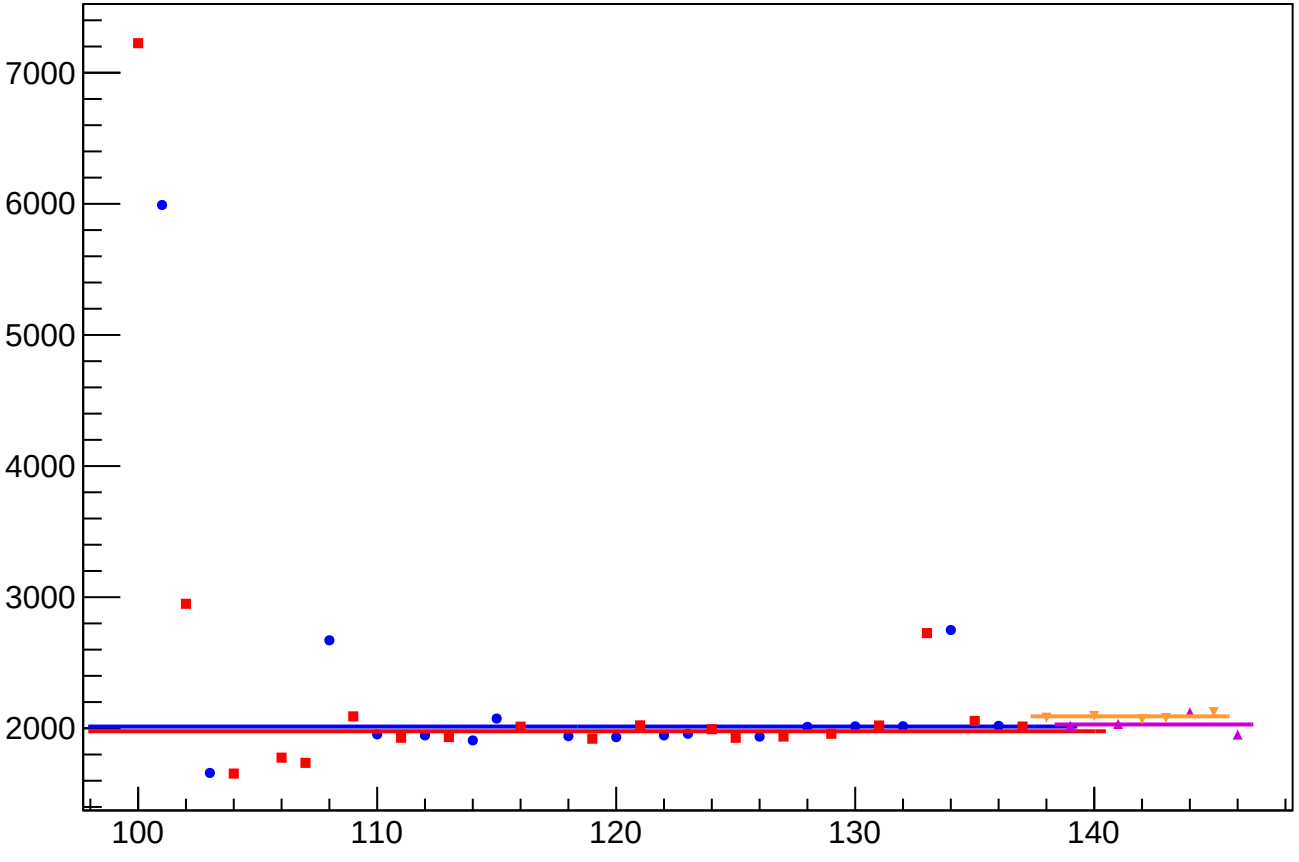
Left In: -1602.758+/-1116.189 χ^2/NDF:1.7/3

+ sign -316.798+/-652.540 χ^2/NDF: 19.2/21

All: -567.915+/-452.739 χ^2/NDF: 32.7/44

- sign -800.993+/-628.666 χ^2/NDF: 13.2/22

dit_asym_atr_dd_rms vs Slug



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

Left Out: 2091.168+/-0.804 χ^2/NDF:530.8/4

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

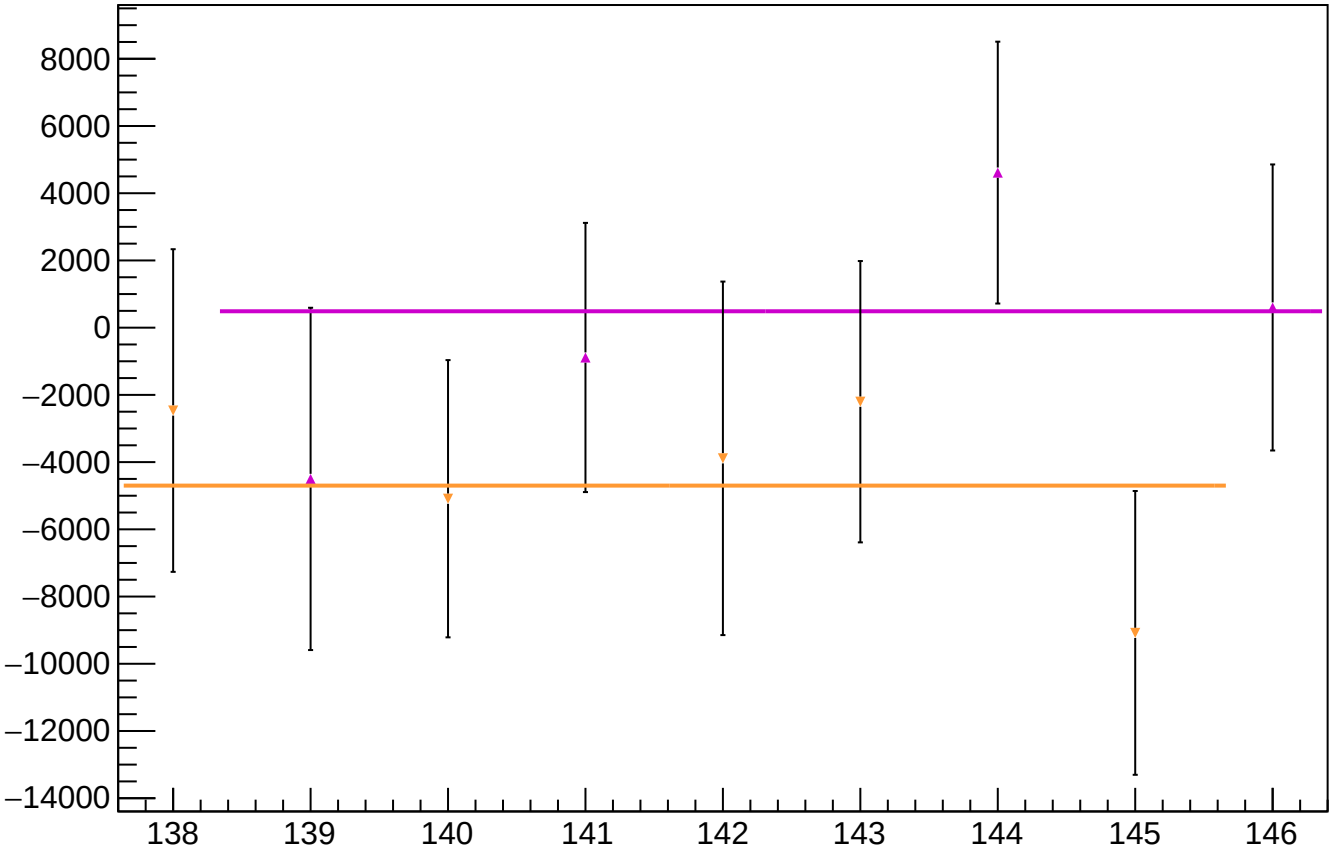
Left In: 2029.101+/-0.789 χ^2/NDF:5834.7/3

+ sign 2038.897+/-0.461 χ^2/NDF: 656871.2/21

All: 2015.531+/-0.320 χ^2/NDF: 965461.2/44

- sign 1993.876+/-0.444 χ^2/NDF: 303649.2/22

asym_atr_dd_correction_mean vs Slug



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

Left Out: -4699.099+/-1993.881 χ^2/NDF:1.7/4

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

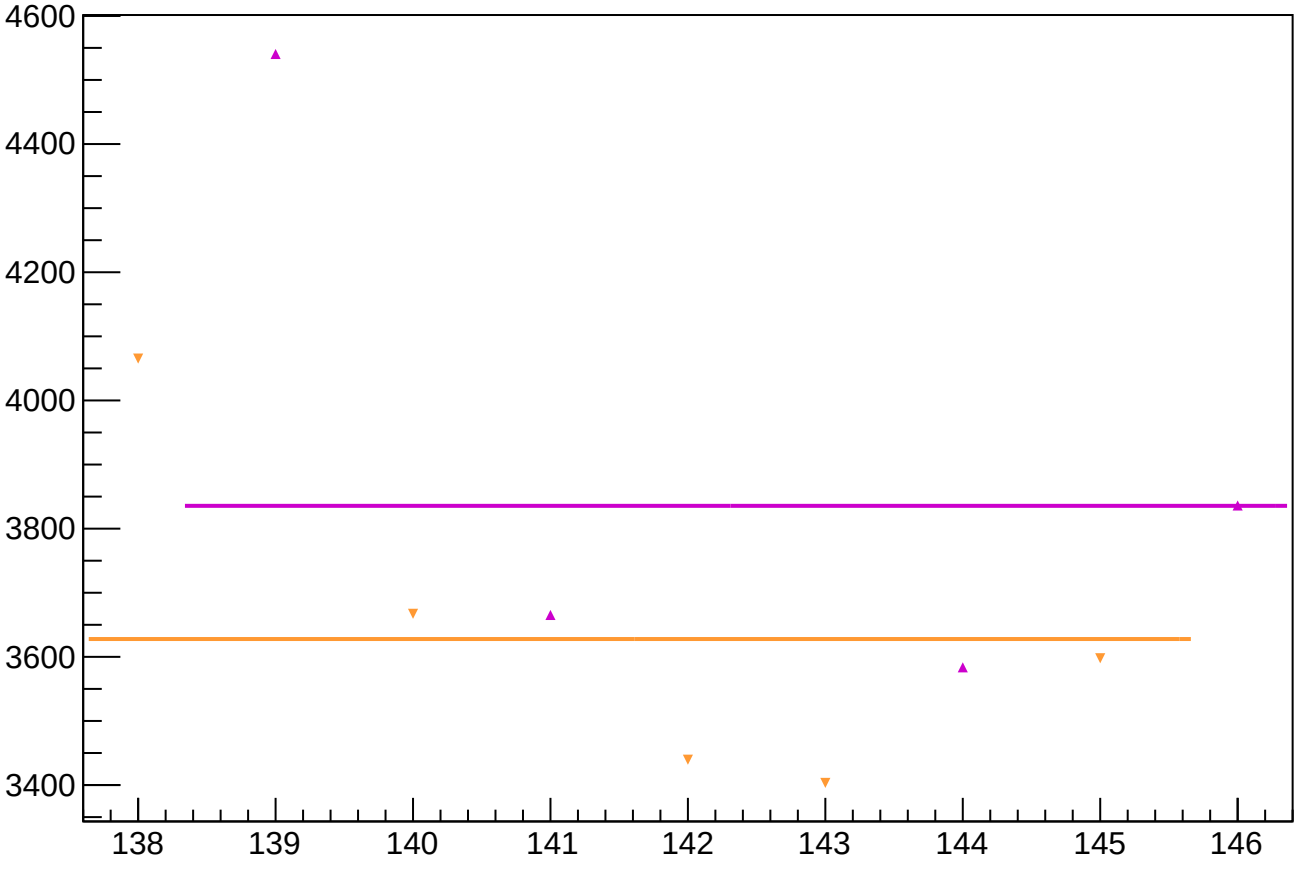
Left In: 488.037+/-2122.142 χ^2/NDF:2.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2267.014+/-1453.116 χ^2/NDF: 7.1/8

- 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: 3627.809+/-1.410 χ^2/NDF:25214.0/4

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

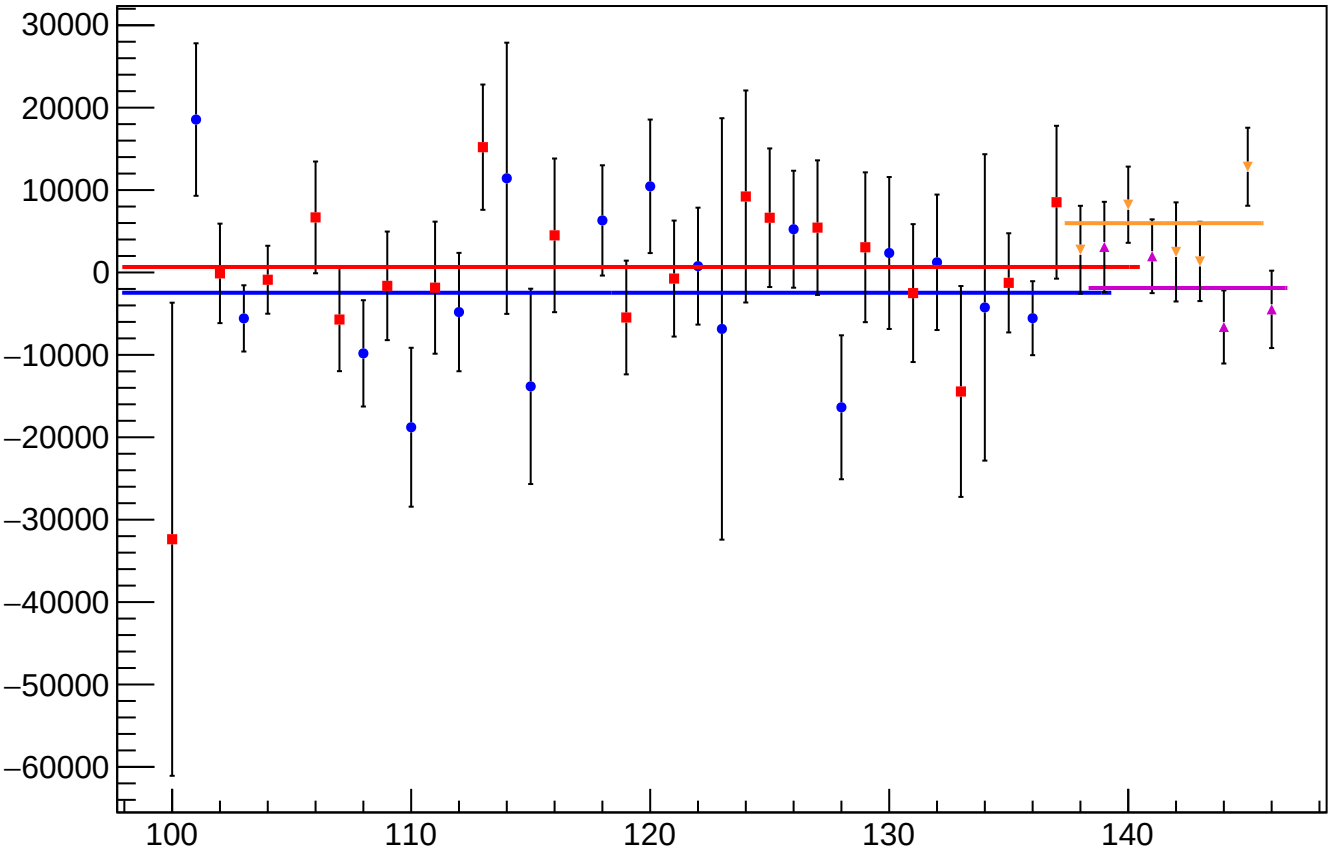
Left In: 3835.594+/-1.501 χ^2/NDF:50311.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3725.233+/-1.028 χ^2/NDF: 85709.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_mean vs Slug



Right In: -2462.254+/-1797.293 χ^2/NDF: 20.8/16

Left Out: 5981.272+/-2250.414 χ^2/NDF:4.0/4

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

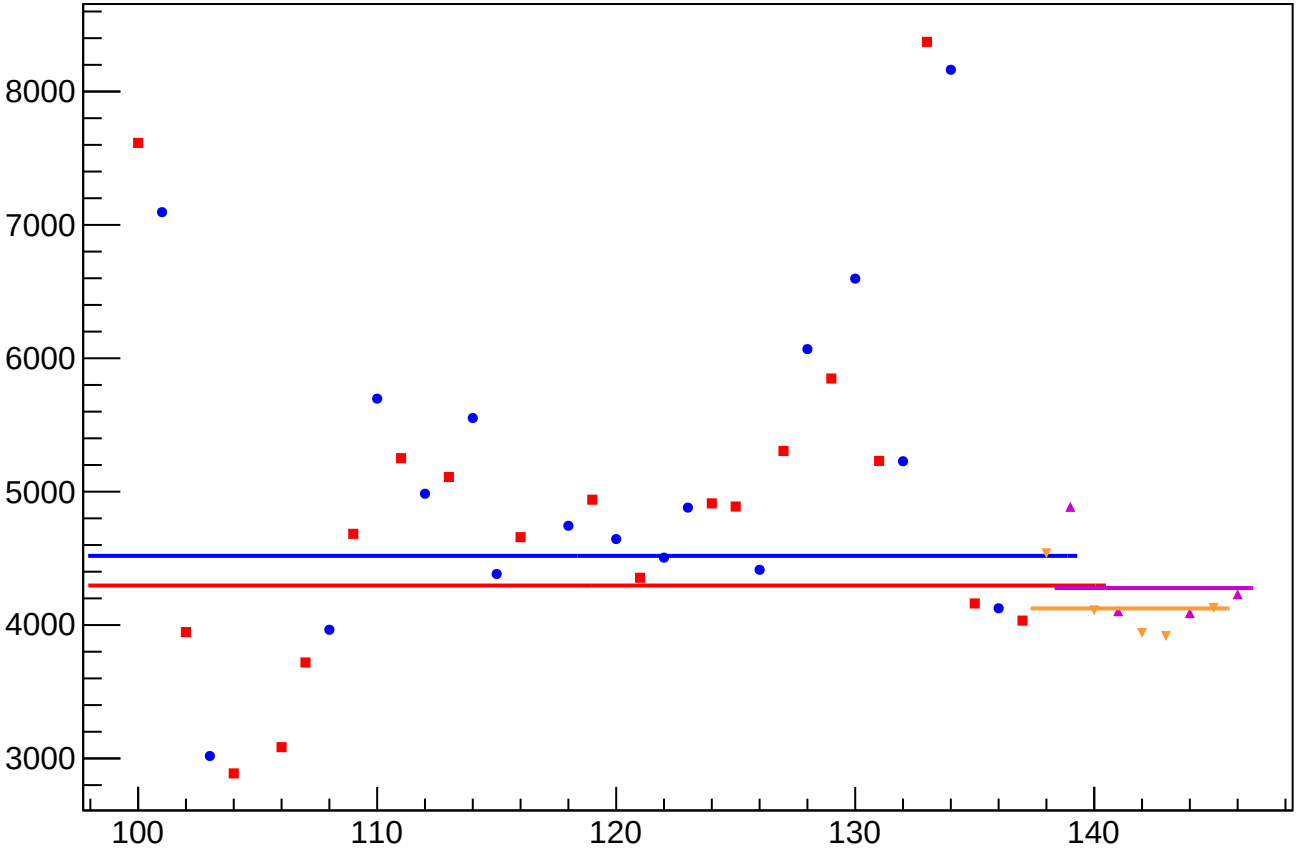
Left In: -1883.166+/-2360.804 χ^2/NDF:3.0/3

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

All: 303.105+/-982.159 χ^2/NDF: 49.3/44

- sign -197.474+/-1374.086 χ^2/NDF: 15.7/22

asym_atr_dd_rms vs Slug



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

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

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

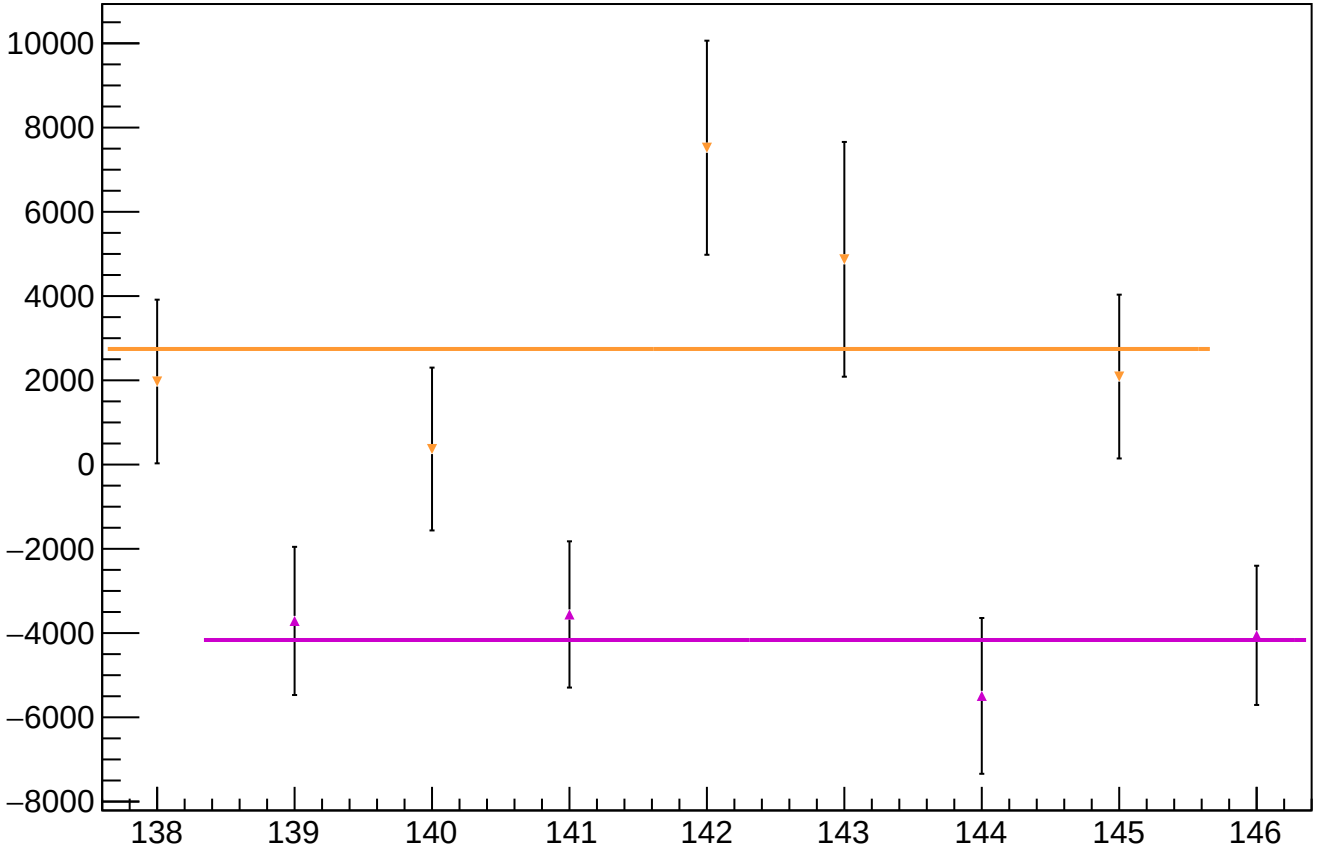
Left In: 4277.504+/-1.669 χ^2/NDF:31509.7/3

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

All: 4326.651+/-0.693 χ^2/NDF: 1631541.9/44

- sign 4290.031+/-0.968 χ^2/NDF: 803297.0/22

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 2744.279+/-961.896 χ^2/NDF:5.9/4

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

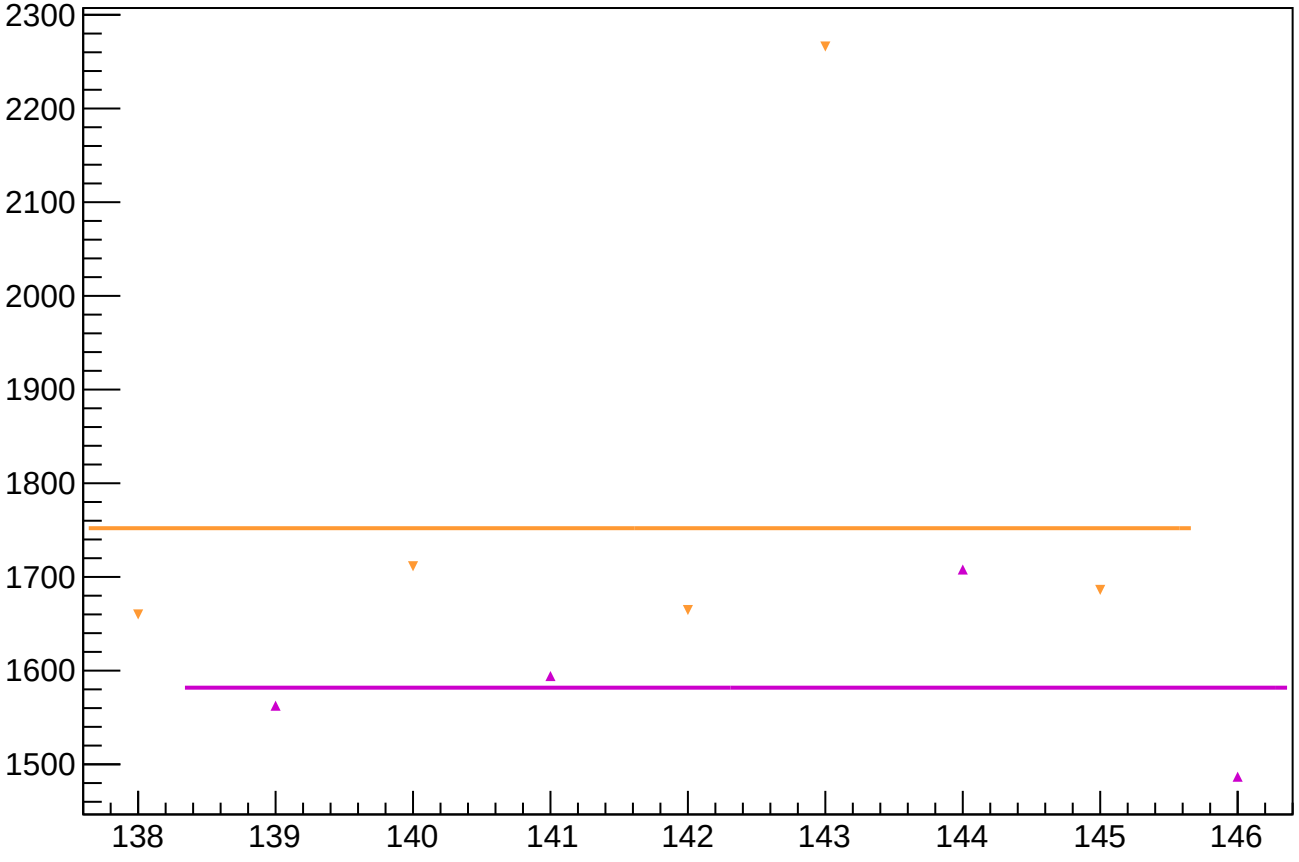
Left In: -4164.432+/-872.464 χ^2/NDF:0.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1046.102+/-646.235 χ^2/NDF: 34.9/8

- 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: 1752.030+/-0.680 χ^2/NDF:78119.9/4

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

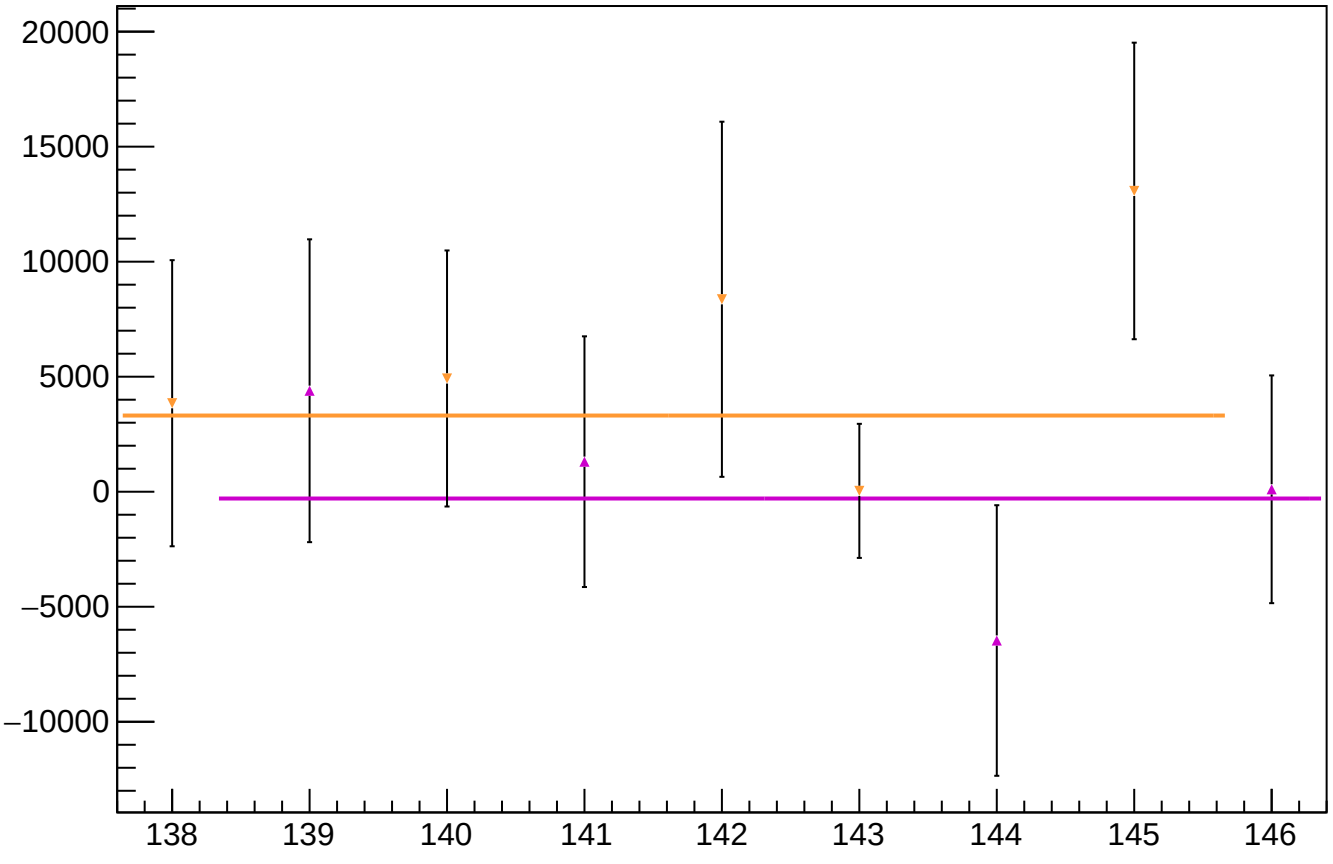
Left In: 1581.801+/-0.617 χ^2/NDF:16257.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1658.636+/-0.457 χ^2/NDF: 128743.7/8

- 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: 3312.088+/-2147.897 χ^2/NDF:4.1/4

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

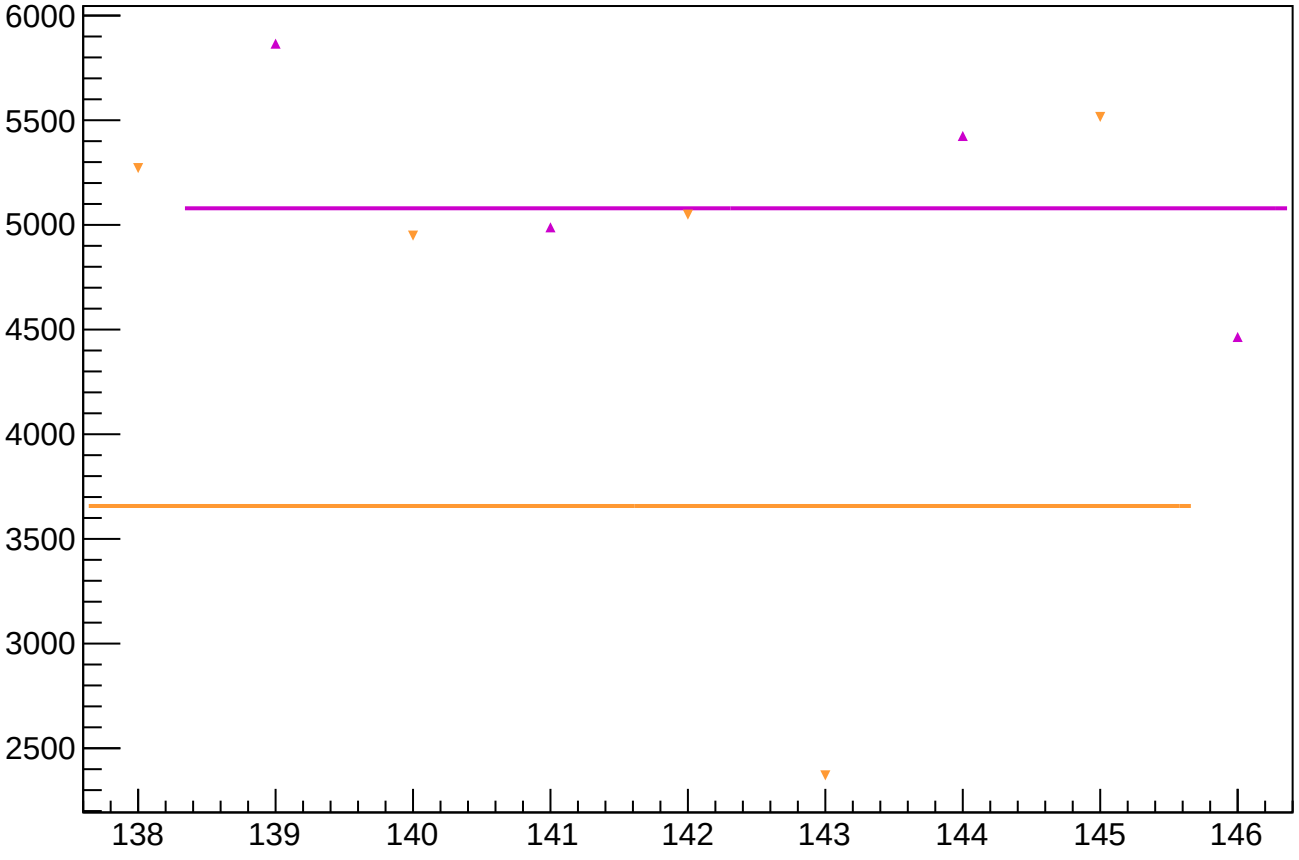
Left In: -295.408+/-2811.781 χ^2/NDF:1.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1982.726+/-1706.869 χ^2/NDF: 6.8/8

- 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: 3657.259+/-1.519 χ^2/NDF:863687.0/4

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

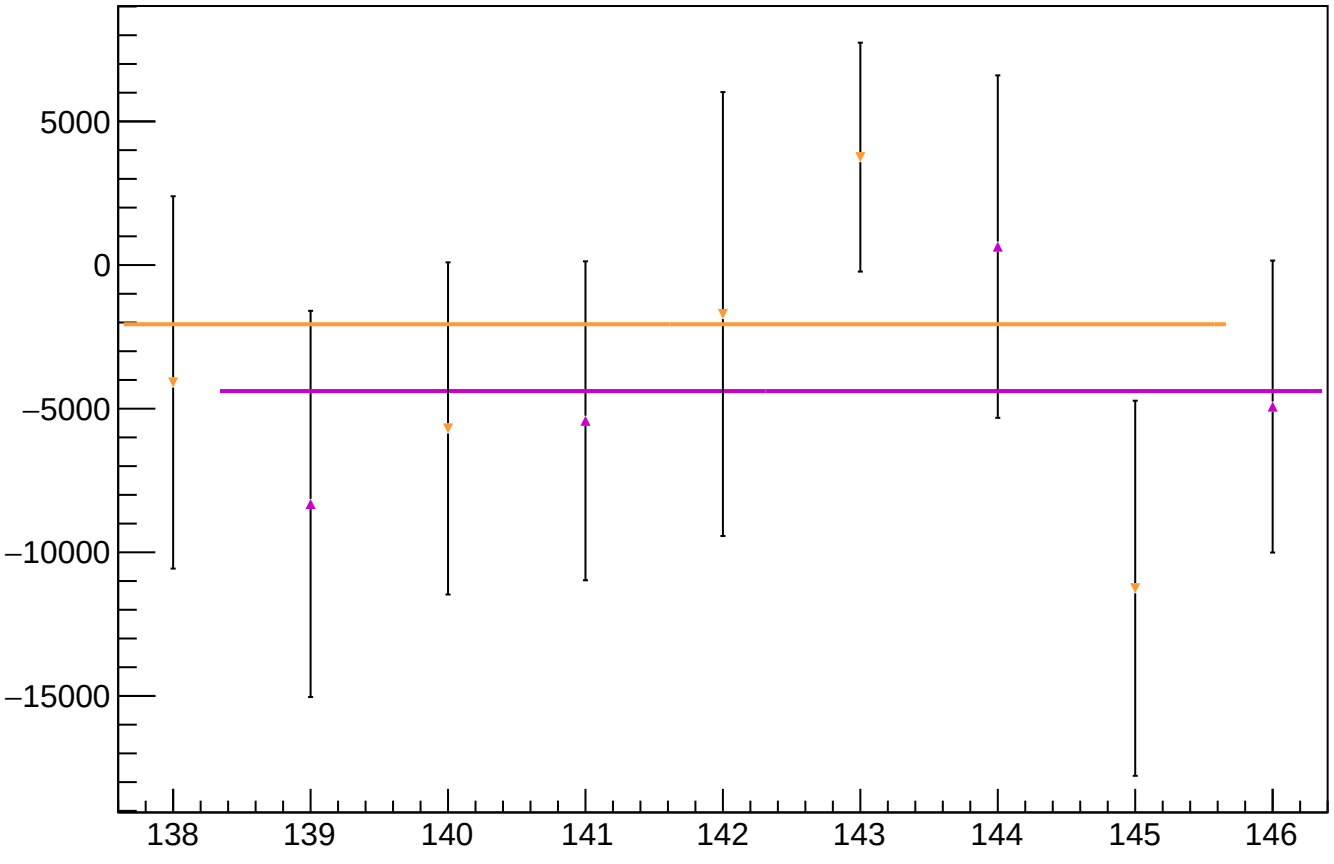
Left In: 5079.329+/-1.988 χ^2/NDF:66849.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4181.292+/-1.207 χ^2/NDF: 1253595.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



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

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

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

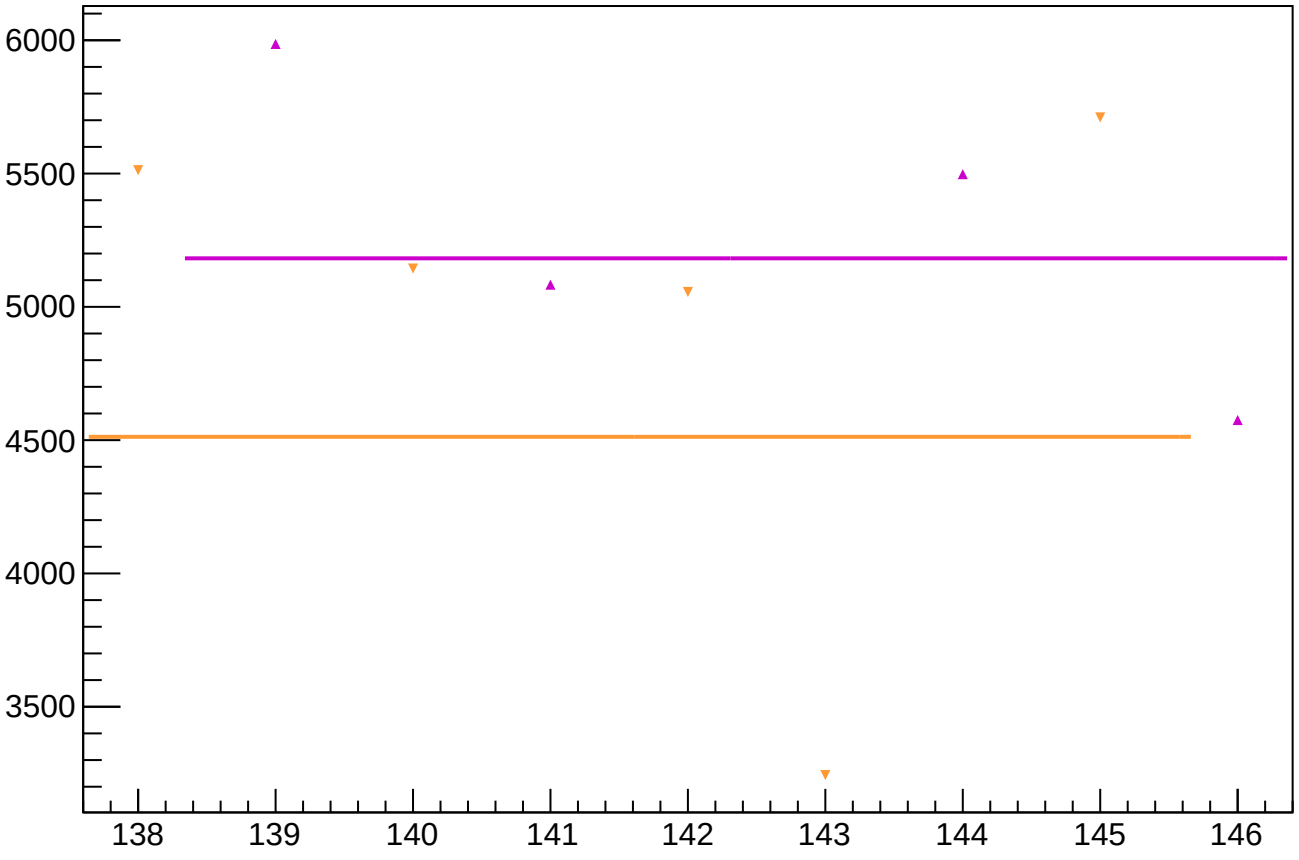
Left In: -4385.899+/-2869.744 χ^2/NDF:1.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3074.725+/-1895.430 χ^2/NDF: 6.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



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

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

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

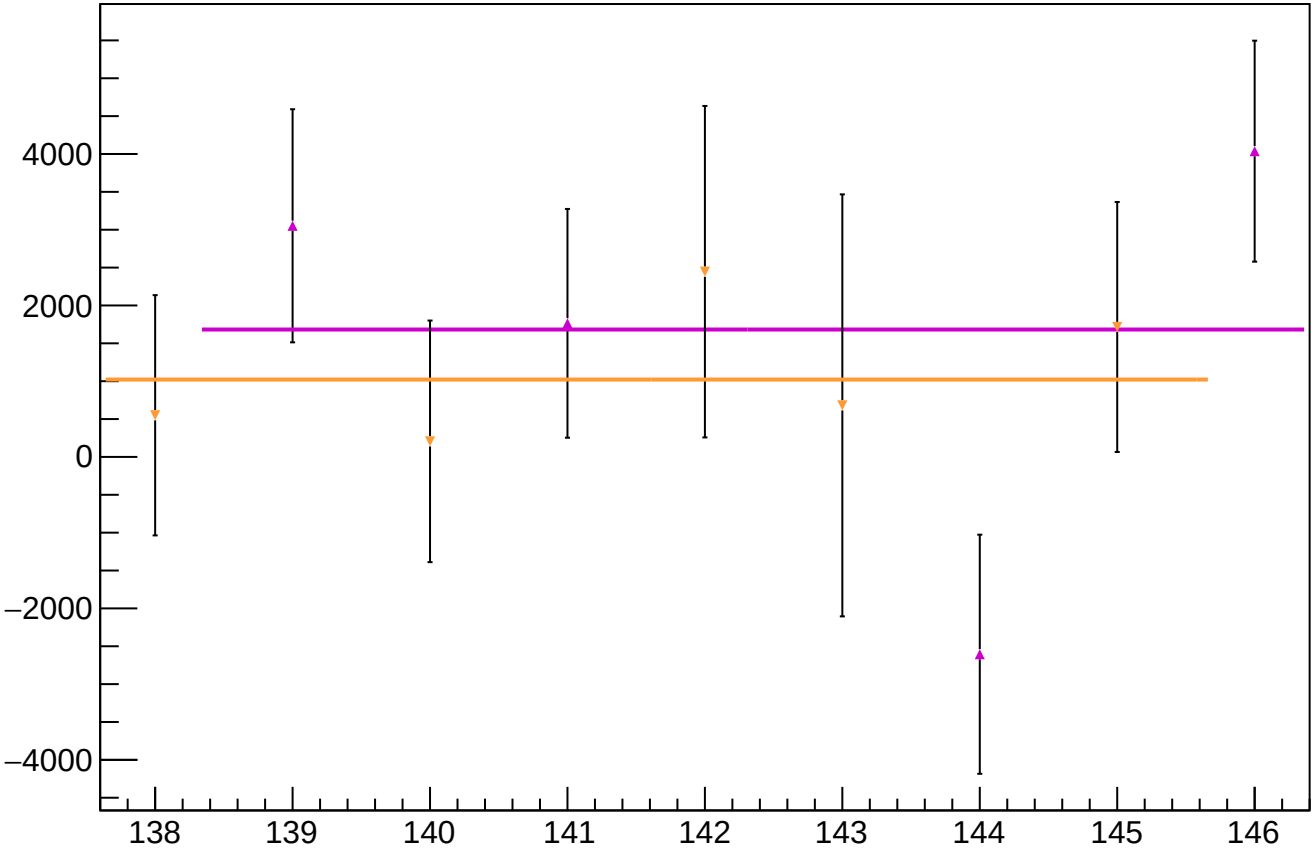
Left In: 5181.974+/-2.029 χ^2/NDF:63347.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4804.504+/-1.340 χ^2/NDF: 476216.8/8

- 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: 1021.726+/-817.814 χ^2/NDF:1.0/4

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

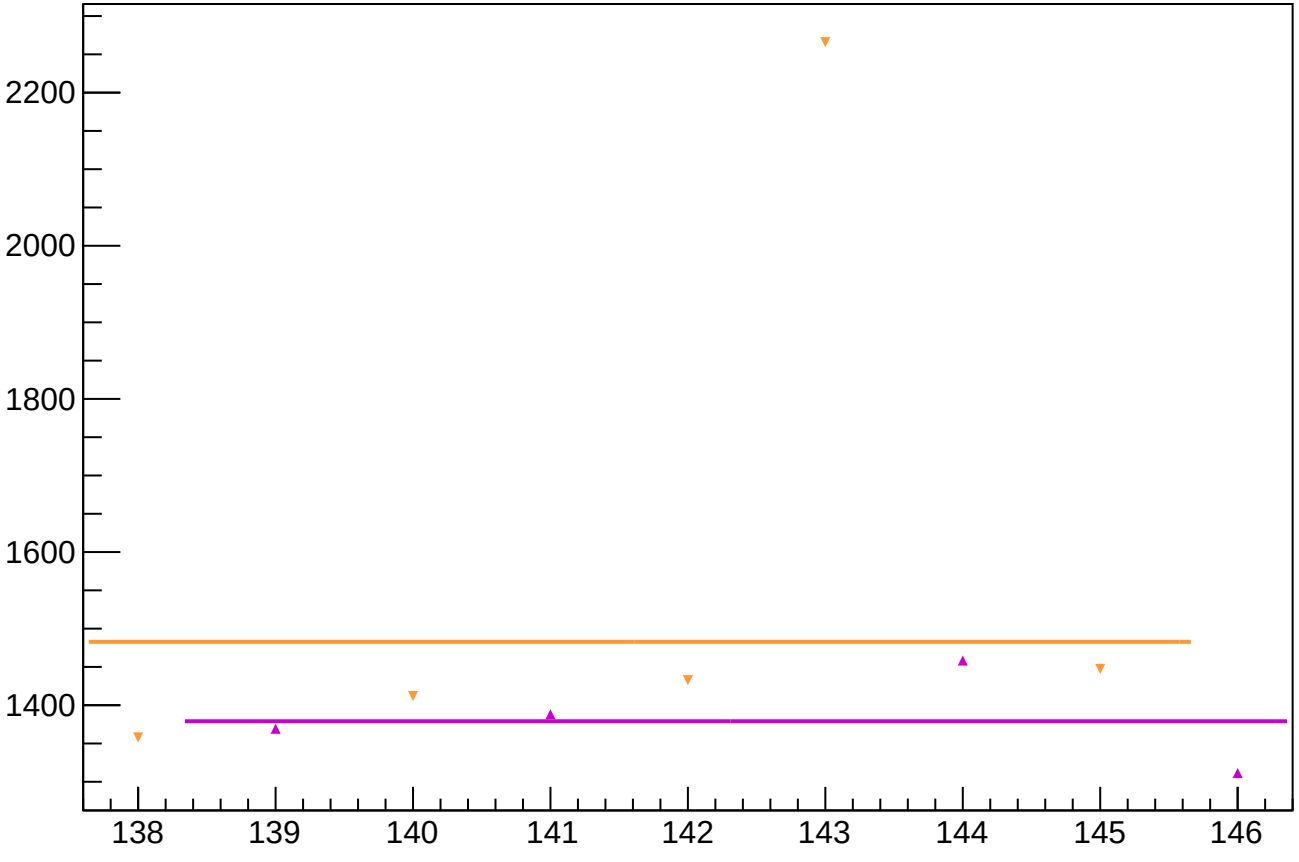
Left In: 1682.288+/-759.976 χ^2/NDF:10.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1376.189+/-556.709 χ^2/NDF: 12.1/8

- 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: 1482.766+/-0.578 χ^2/NDF:176276.0/4

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

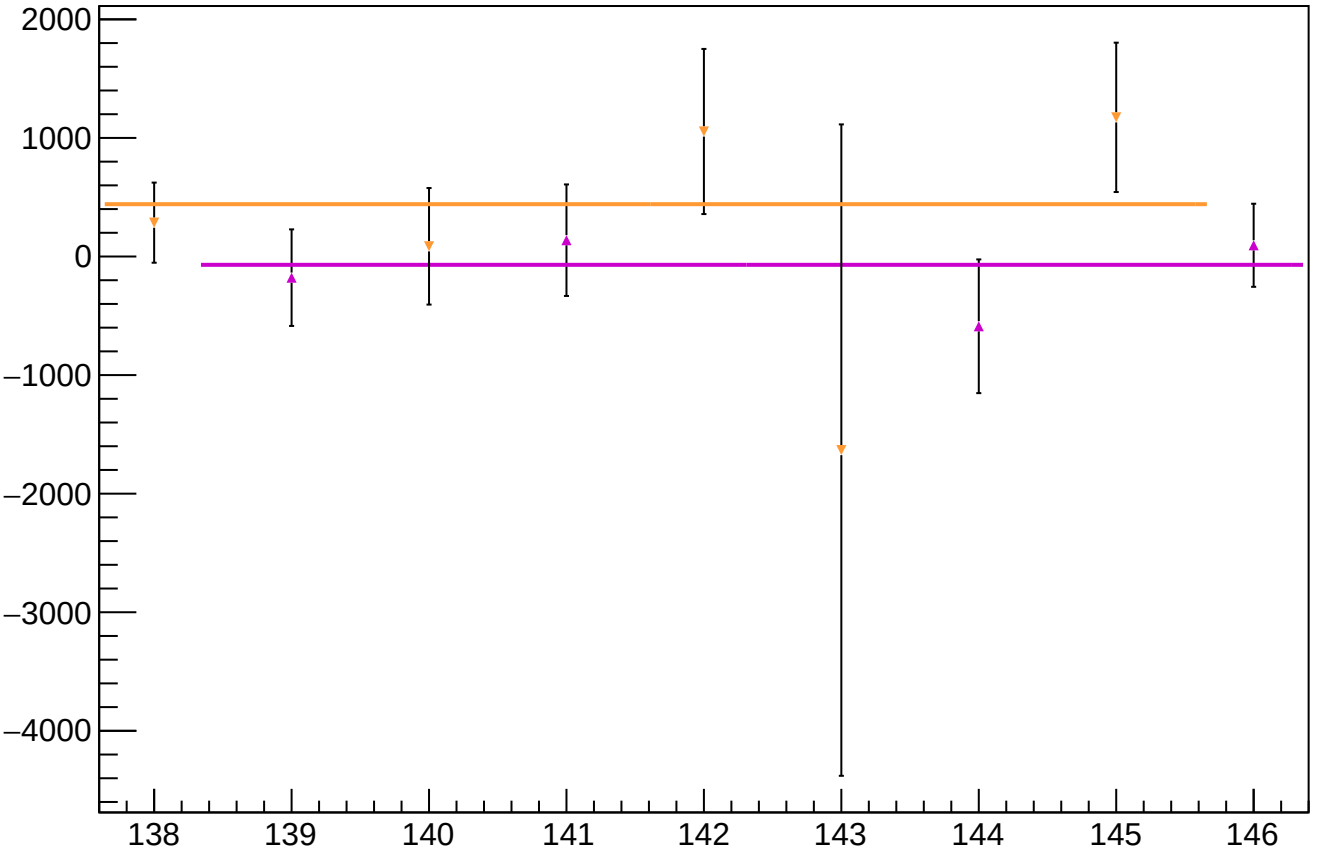
Left In: 1379.029+/-0.537 χ^2/NDF:9496.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1427.100+/-0.394 χ^2/NDF: 203040.7/8

- 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: 441.252+/-238.246 χ^2/NDF:3.4/4

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

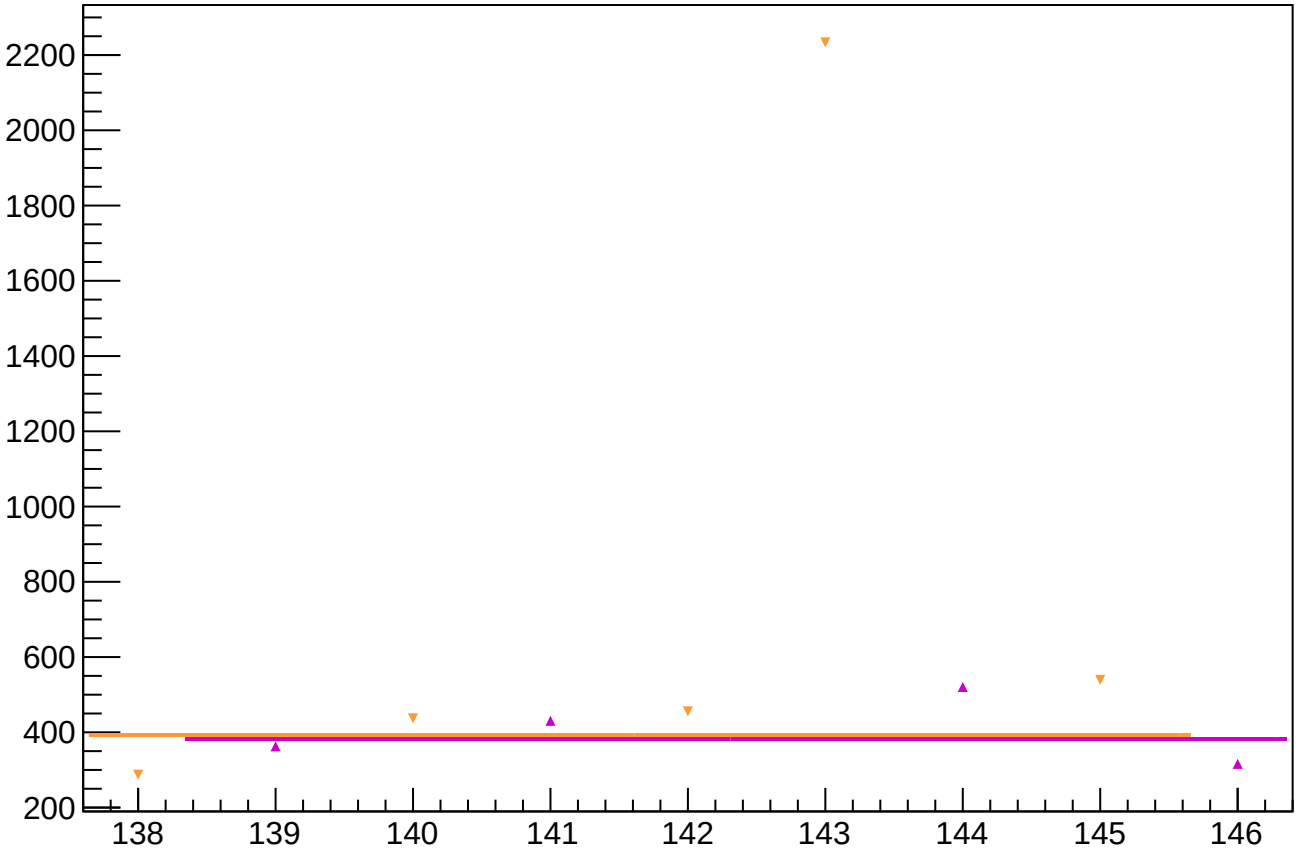
Left In: -70.121+/-213.945 χ^2/NDF:1.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 158.164+/-159.182 χ^2/NDF: 7.3/8

- 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: 392.931+/-0.168 χ^2/NDF:1233981.3/4

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

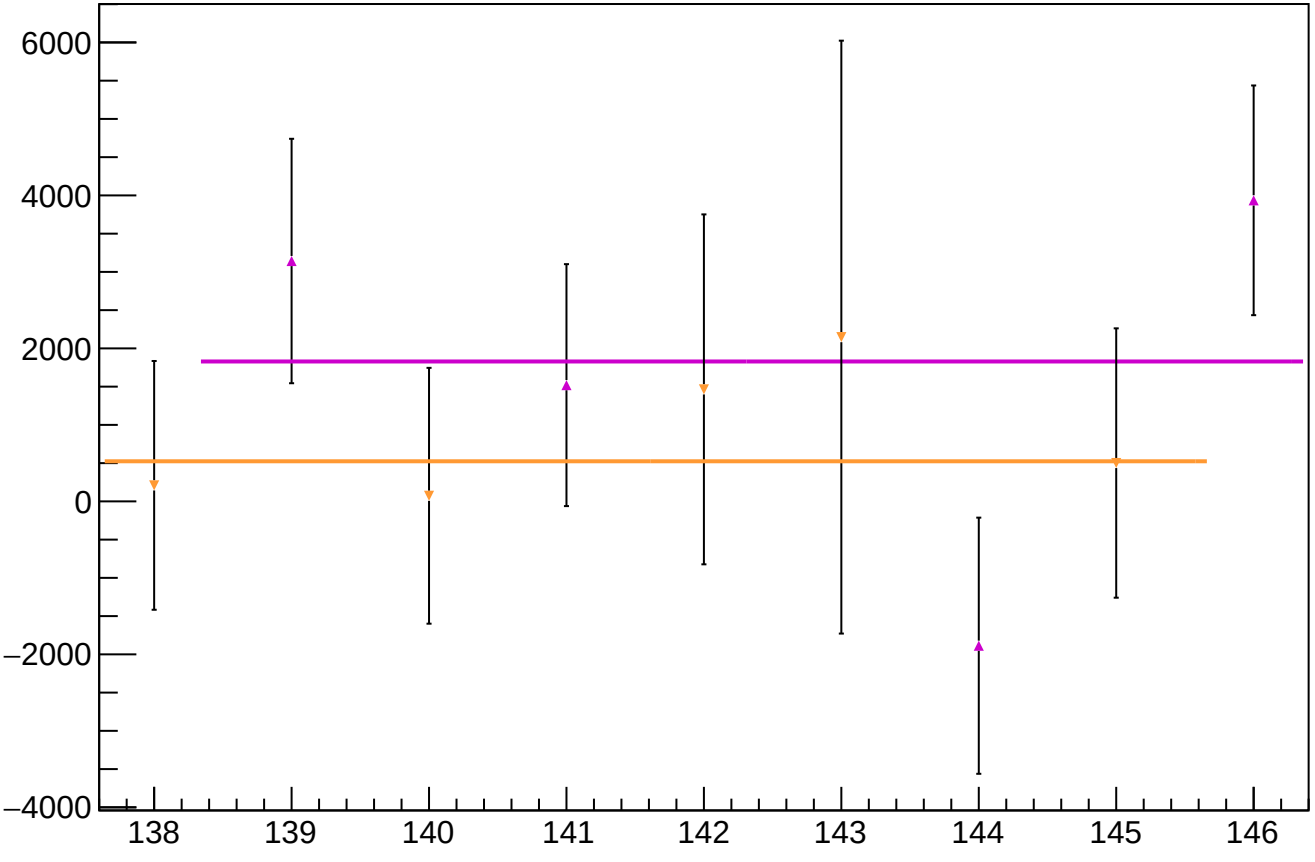
Left In: 382.215+/-0.151 χ^2/NDF:216810.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 386.998+/-0.113 χ^2/NDF: 1453031.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: 524.164+/-871.708 χ^2/NDF:0.5/4

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

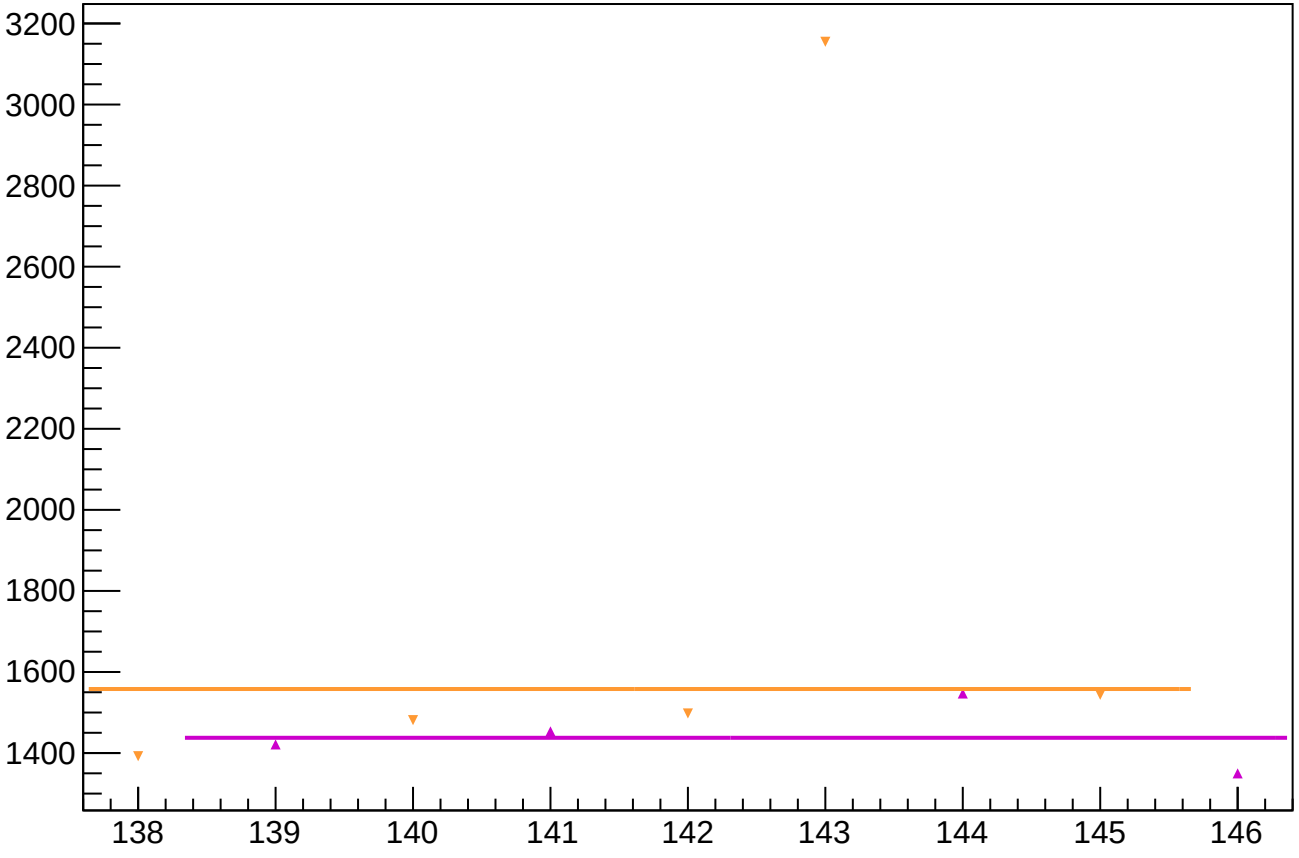
Left In: 1828.923+/-792.632 χ^2/NDF:7.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1238.395+/-586.443 χ^2/NDF: 9.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



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

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

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

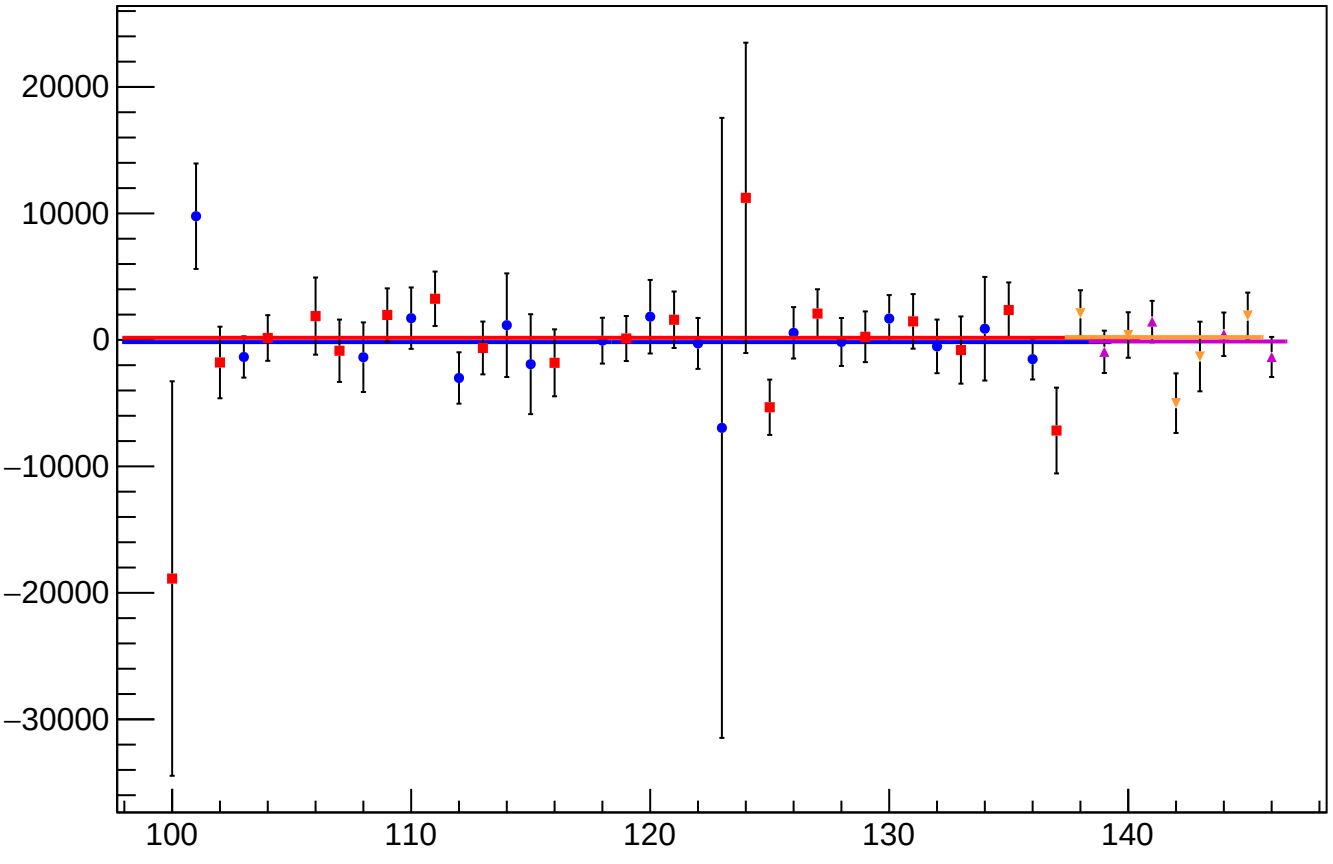
Left In: 1437.661+/-0.560 χ^2/NDF:15766.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1492.133+/-0.415 χ^2/NDF: 402684.8/8

- 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: 218.725+/-902.528 χ^2/NDF:7.2/4

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

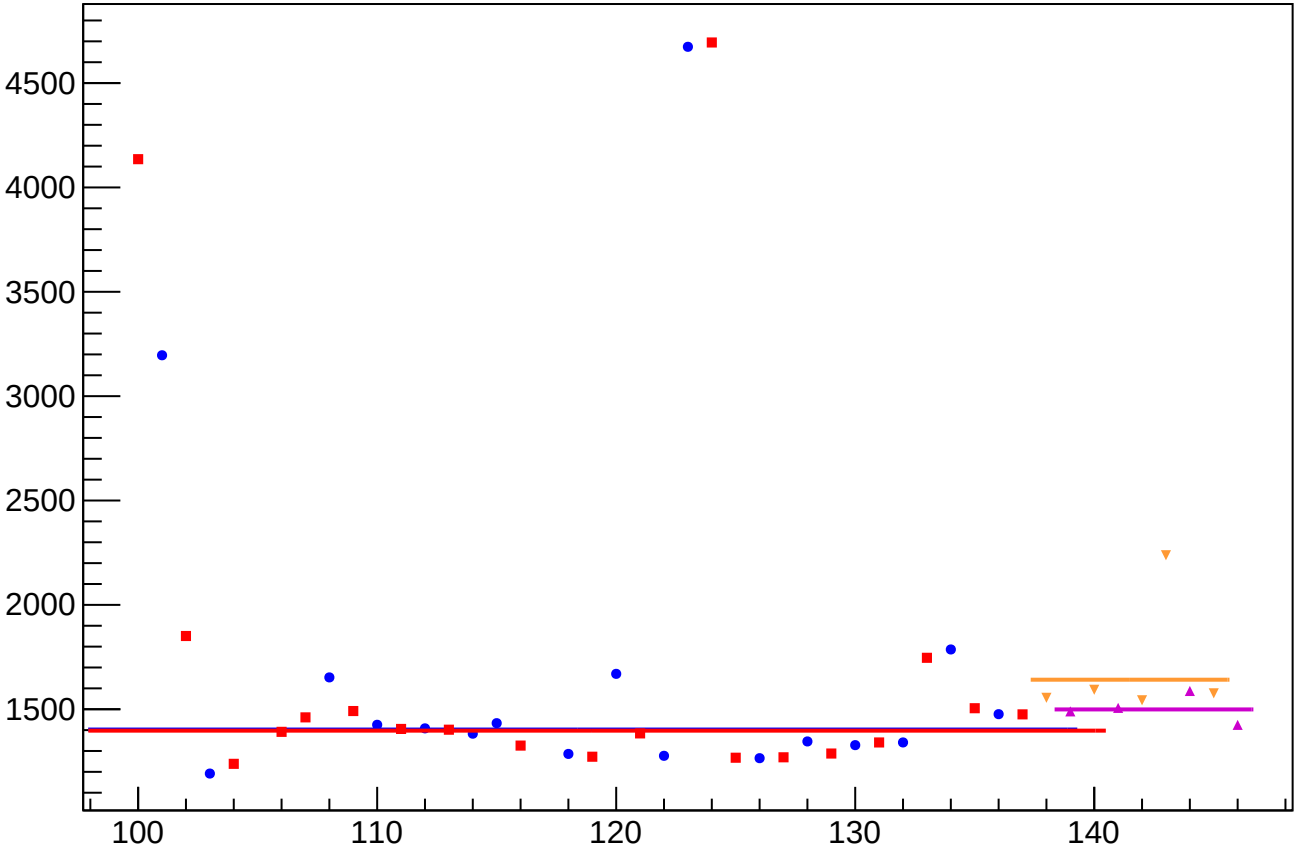
Left In: -125.786+/-826.039 χ^2/NDF:1.9/3

+ sign -66.947+/-472.553 χ^2/NDF: 19.1/21

All: 8.672+/-326.655 χ^2/NDF: 41.8/44

- sign 77.871+/-452.048 χ^2/NDF: 22.6/22

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1641.488+/-0.638 χ^2/NDF:105973.6/4

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

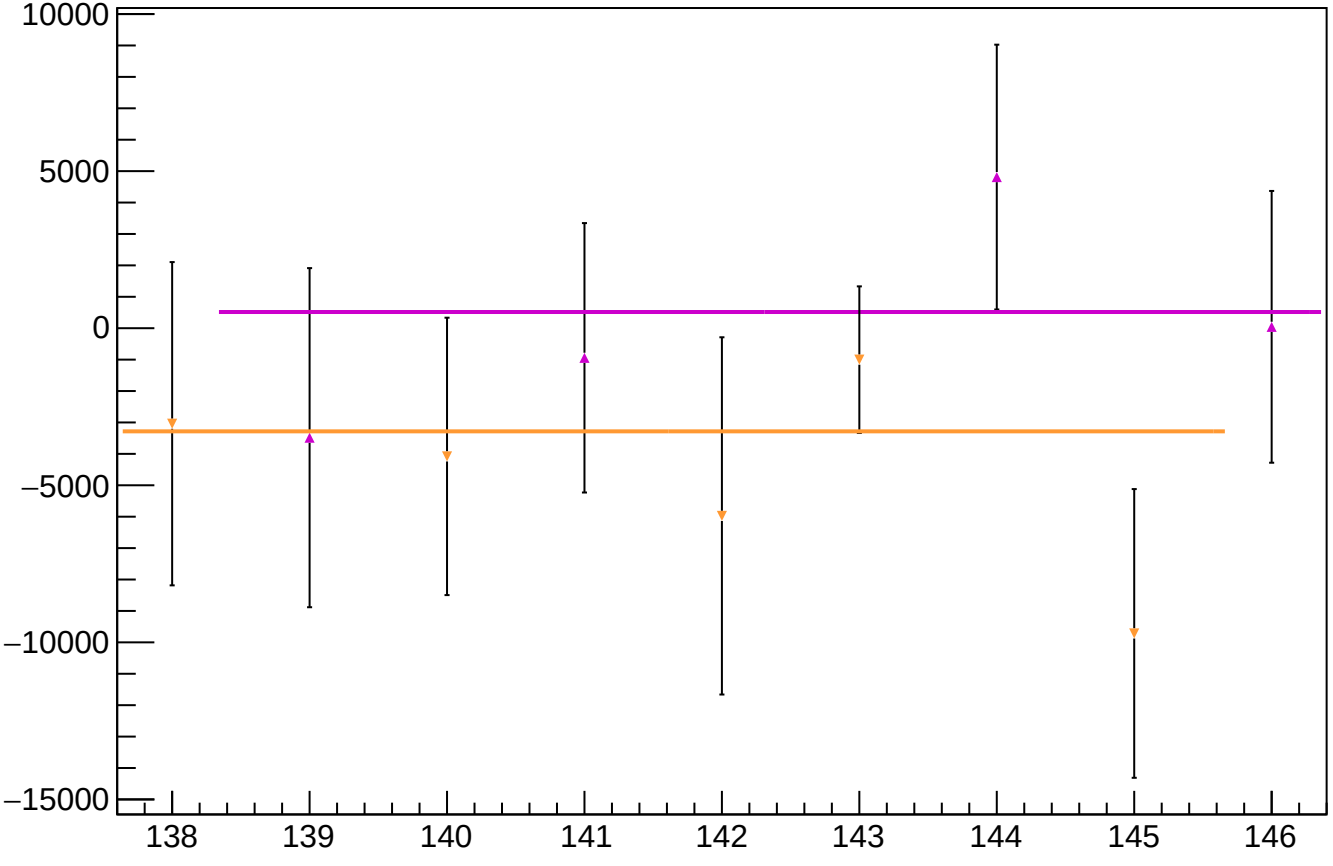
Left In: 1499.060+/-0.584 χ^2/NDF:9752.1/3

+ sign 1468.169+/-0.334 χ^2/NDF: 733914.2/21

All: 1447.108+/-0.231 χ^2/NDF: 1125846.7/44

- sign 1427.850+/-0.320 χ^2/NDF: 384327.4/22

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -3283.209+/-1687.458 χ^2/NDF:3.2/4

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

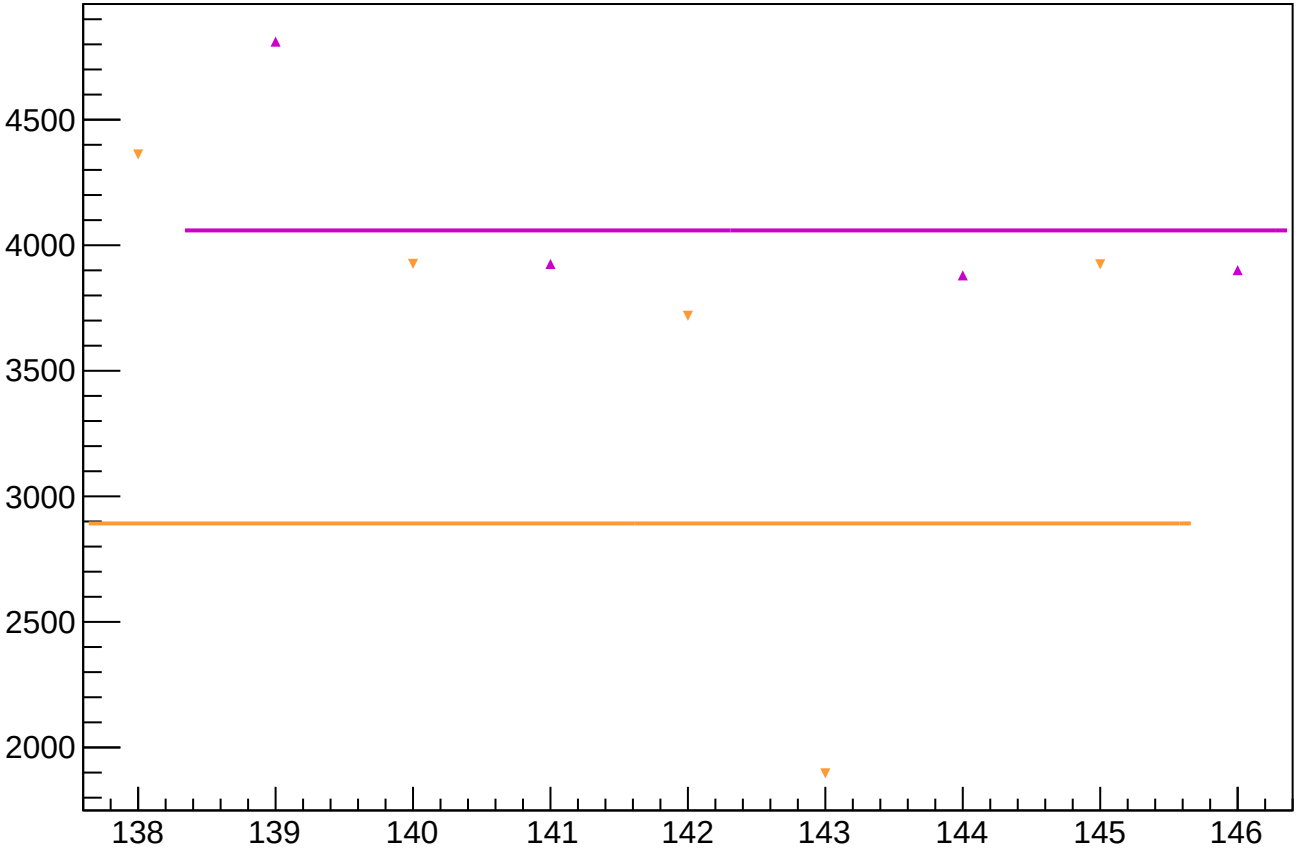
Left In: 515.623+/-2244.785 χ^2/NDF:1.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1911.608+/-1348.850 χ^2/NDF: 6.7/8

- 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: 2892.150+/-1.193 χ^2/NDF:780148.5/4

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

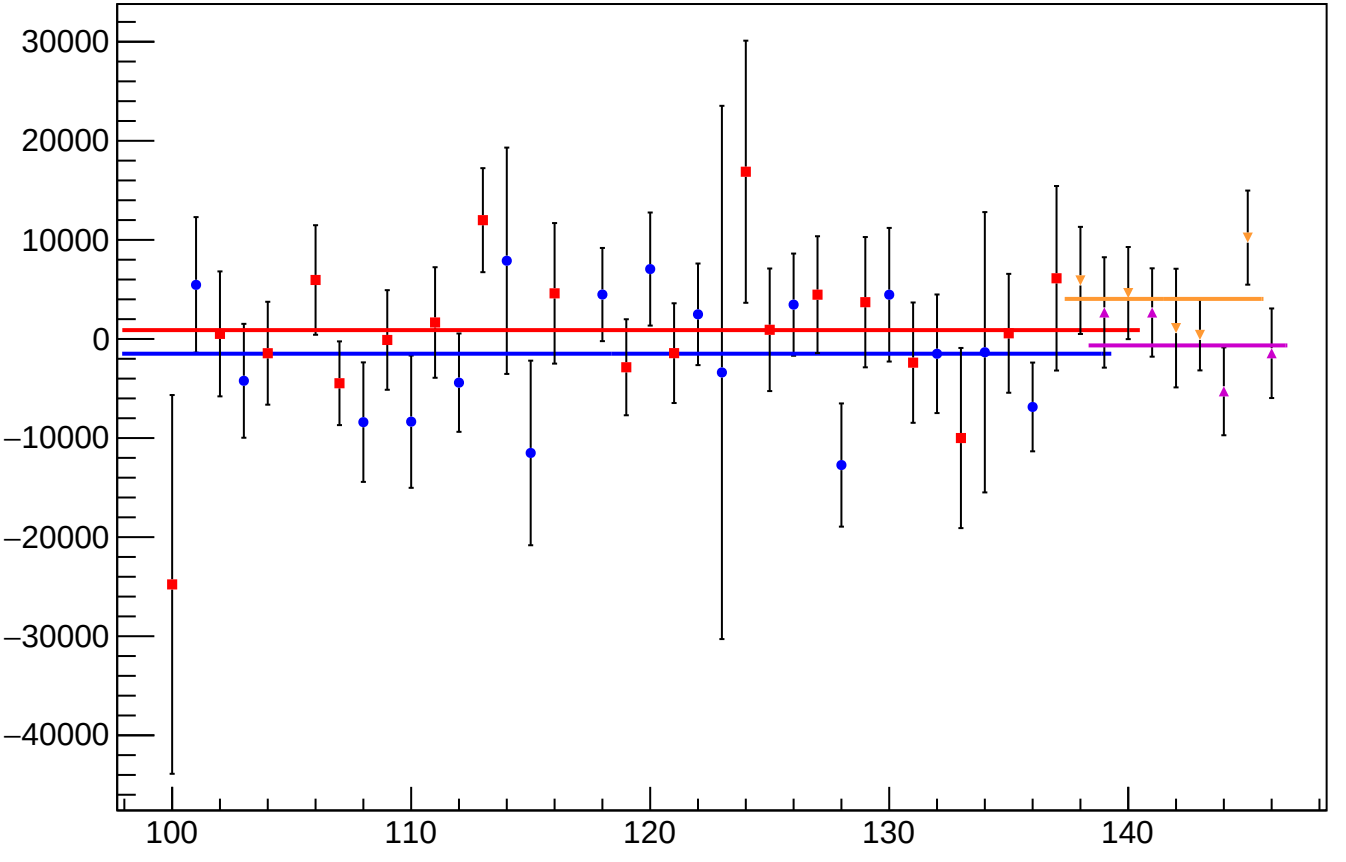
Left In: 4059.100+/-1.587 χ^2/NDF:47027.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3313.488+/-0.954 χ^2/NDF: 1172515.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1487.038+/-1499.116 χ^2/NDF: 16.7/16

Left Out: 4044.424+/-2082.175 χ^2/NDF:3.1/4

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

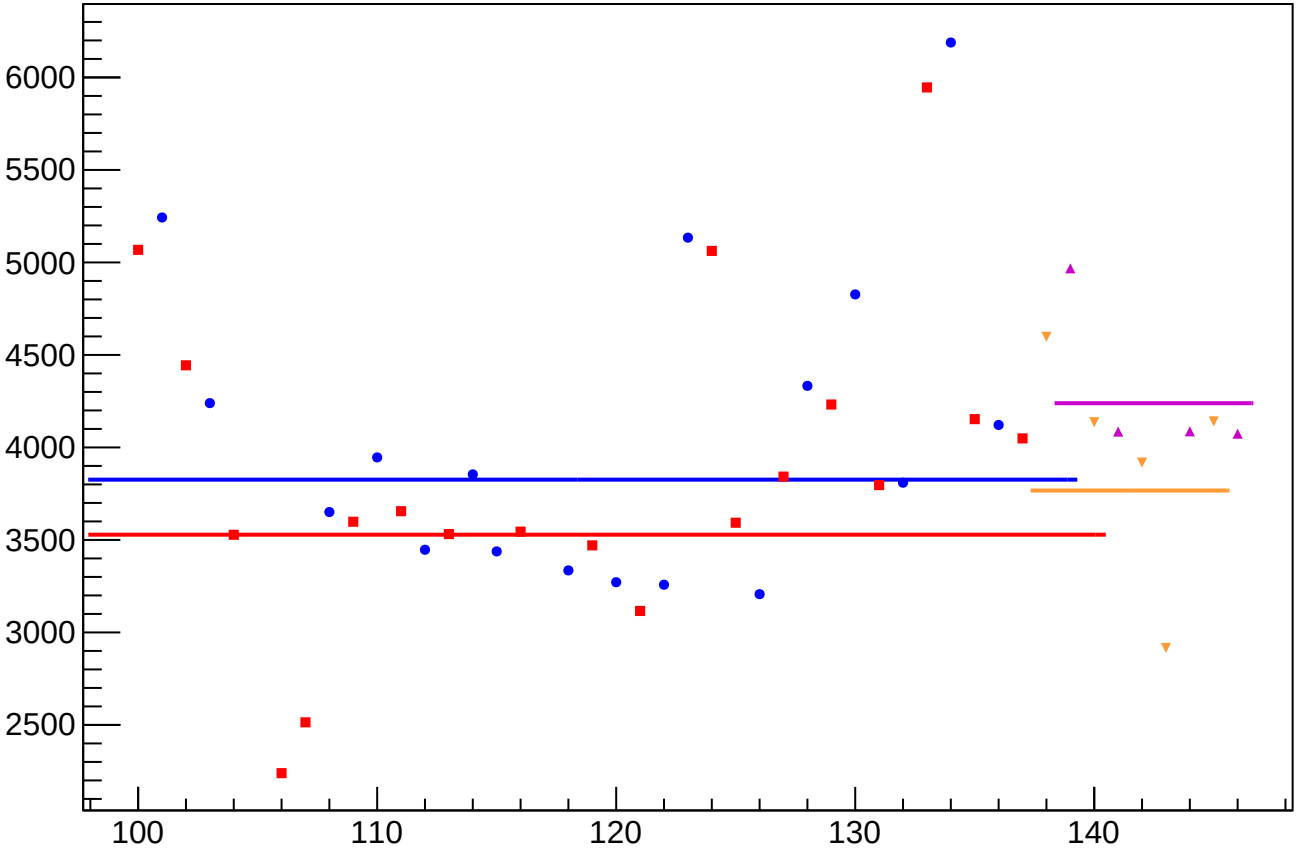
Left In: -651.079+/-2342.142 χ^2/NDF:2.0/3

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

All: 450.023+/-850.072 χ^2/NDF: 40.9/44

- sign 496.421+/-1188.268 χ^2/NDF: 16.5/22

asym_atl_dd_atr_dd_avg_rms vs Slug



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

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

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

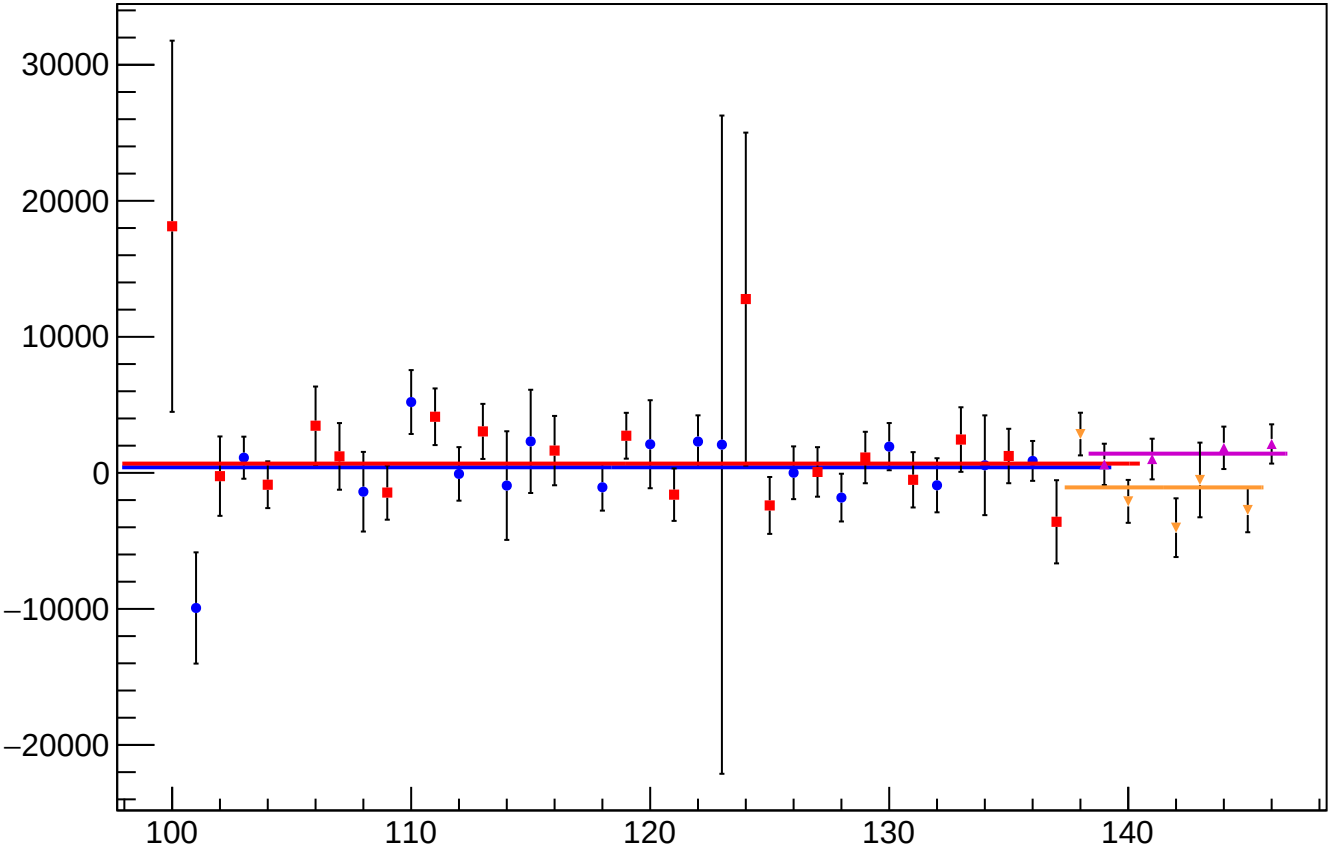
Left In: 4238.991+/-1.656 χ^2/NDF:41602.6/3

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

All: 3755.781+/-0.599 χ^2/NDF: 1262798.5/44

- sign 3708.751+/-0.835 χ^2/NDF: 734409.3/22

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -1067.730+/-808.688 χ^2/NDF:9.6/4

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

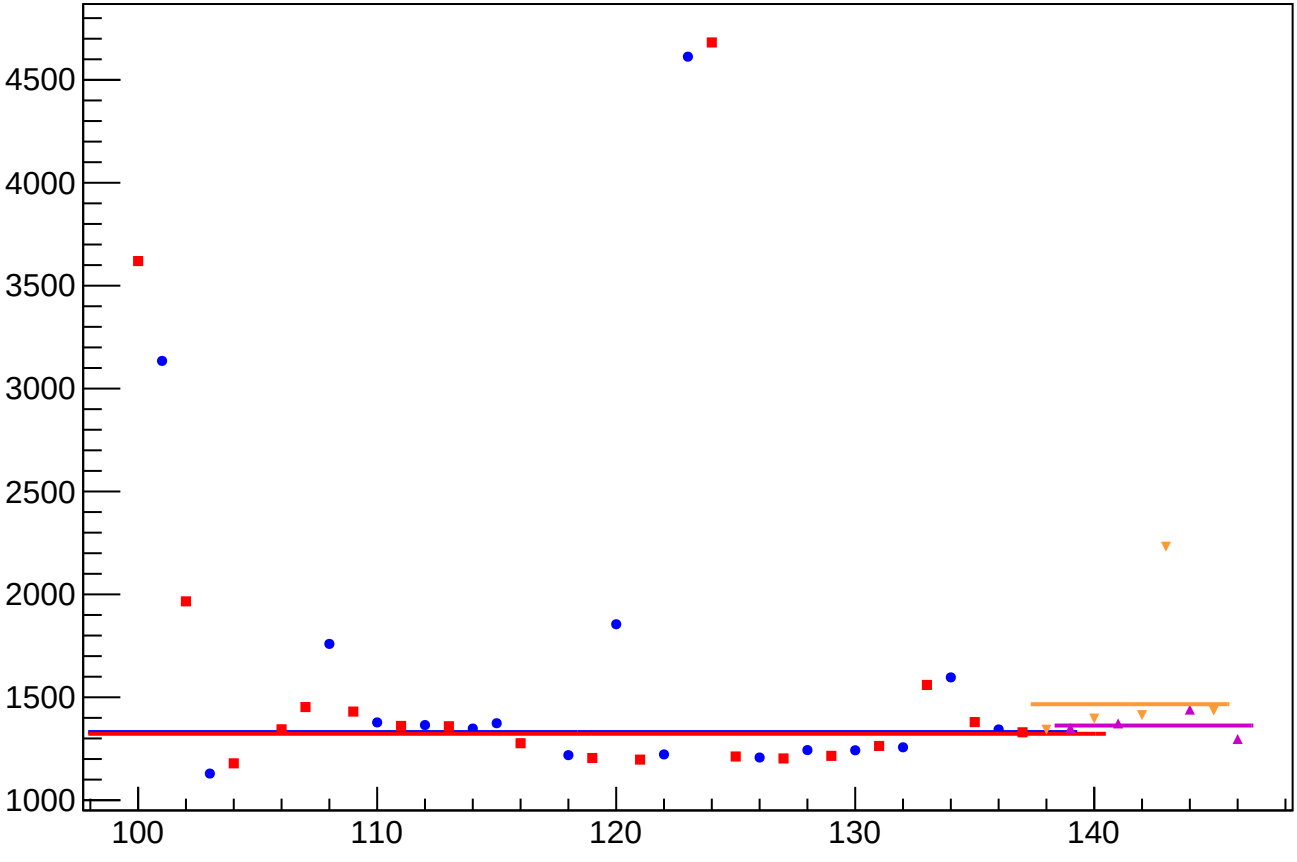
Left In: 1412.760+/-750.962 χ^2/NDF:0.7/3

+ sign -30.647+/-442.098 χ^2/NDF: 28.5/21

All: 463.043+/-305.262 χ^2/NDF: 50.2/44

- sign 912.898+/-422.014 χ^2/NDF: 19.3/22

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1466.332+/-0.572 χ^2/NDF:173859.4/4

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

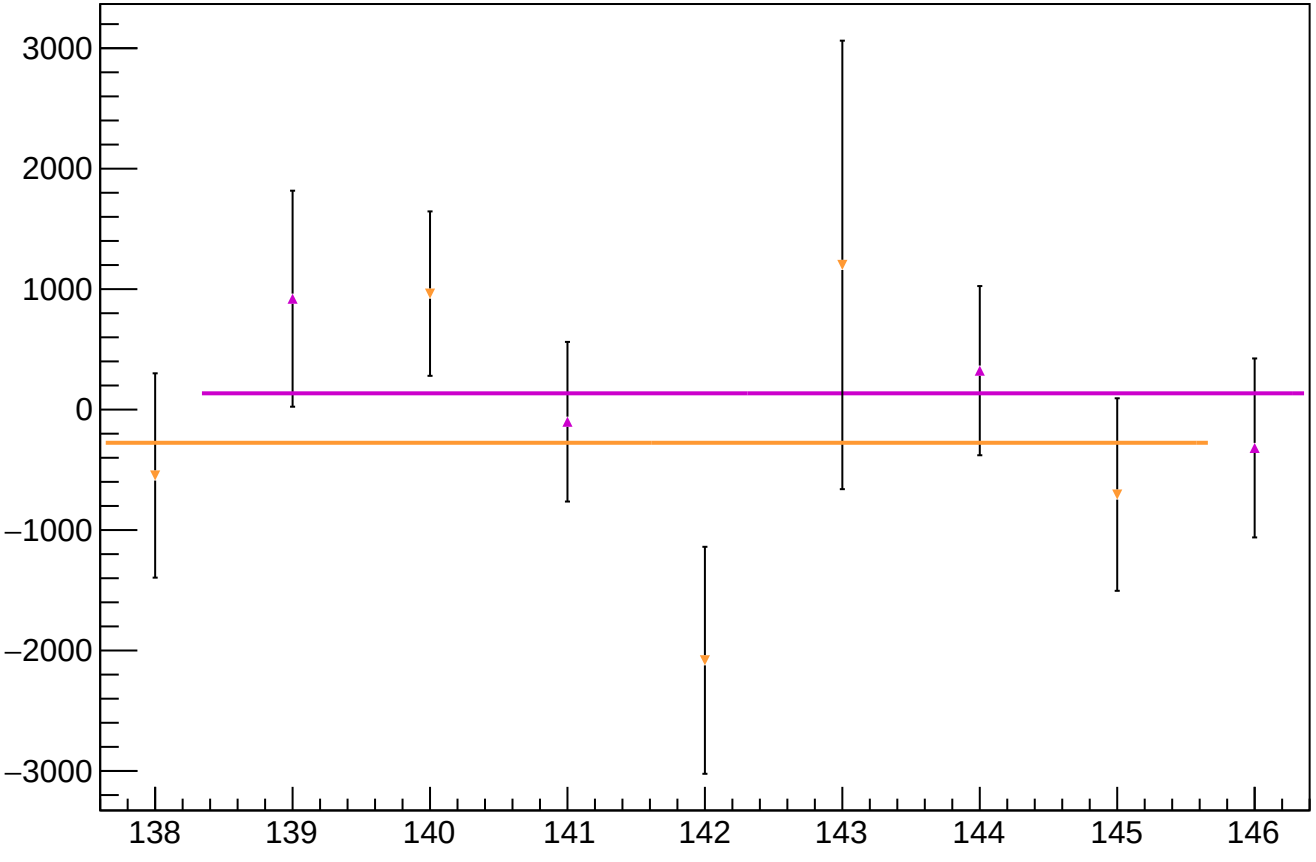
Left In: 1362.727+/-0.531 χ^2/NDF:9270.9/3

+ sign 1371.368+/-0.313 χ^2/NDF: 816669.1/21

All: 1352.520+/-0.216 χ^2/NDF: 1231188.2/44

- sign 1335.345+/-0.298 χ^2/NDF: 407571.0/22

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: -275.537+/-391.709 χ^2/NDF:8.0/4

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

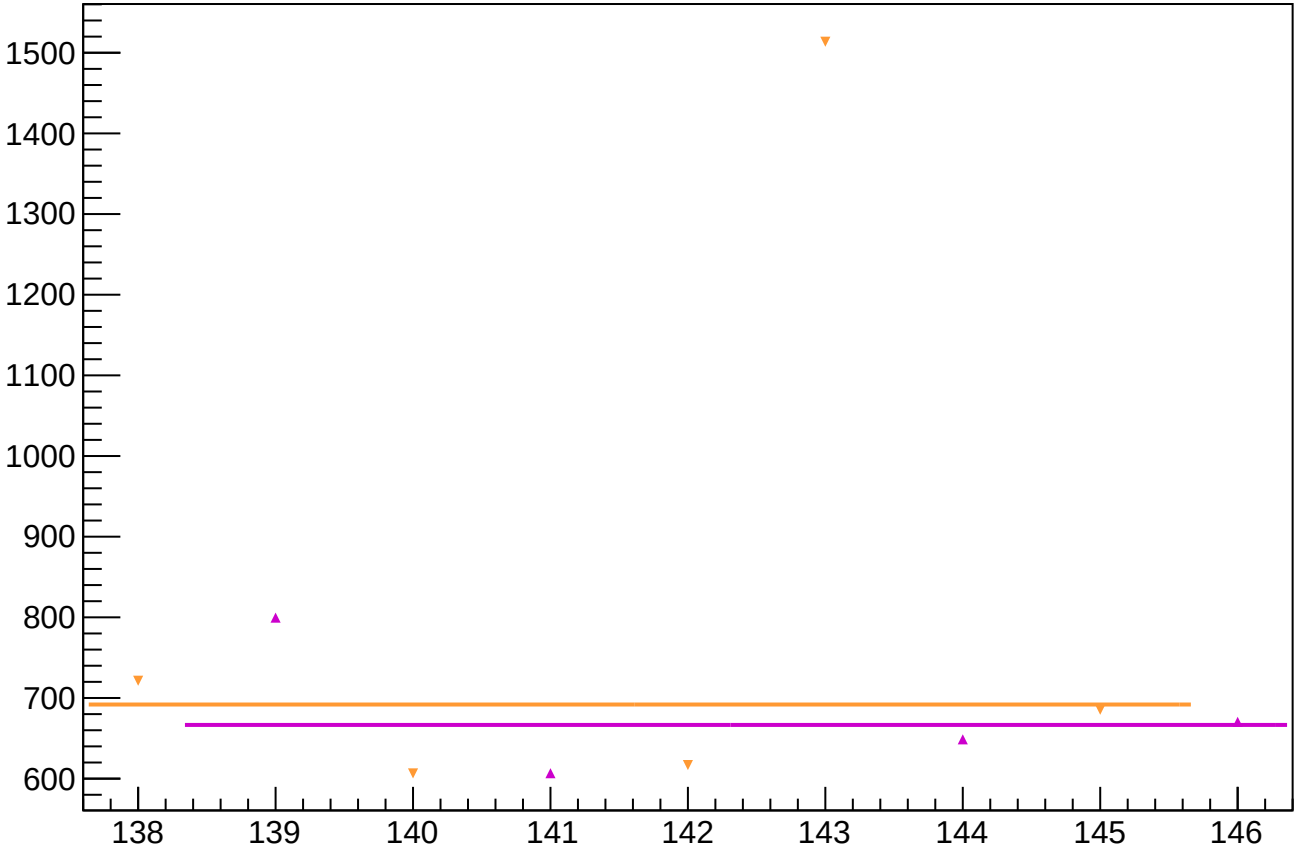
Left In: 135.075+/-368.601 χ^2/NDF:1.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -57.763+/-268.438 χ^2/NDF: 9.9/8

- 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: 691.907+/-0.277 χ^2/NDF:436273.5/4

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

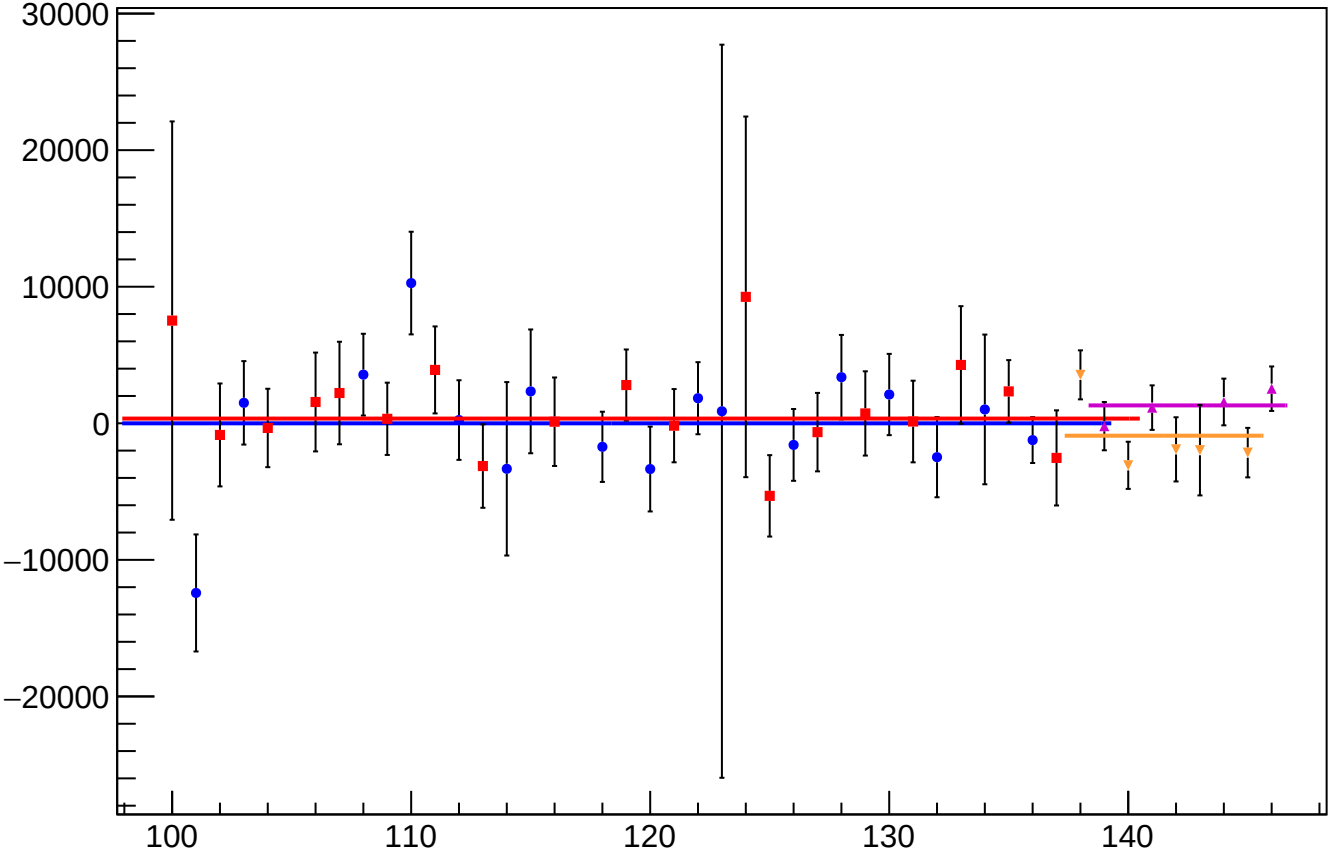
Left In: 666.597+/-0.261 χ^2/NDF:61692.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 678.483+/-0.190 χ^2/NDF: 502395.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -2.204+/-745.061 χ^2/NDF: 23.5/16

Left Out: -908.226+/-904.437 χ^2/NDF:8.5/4

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

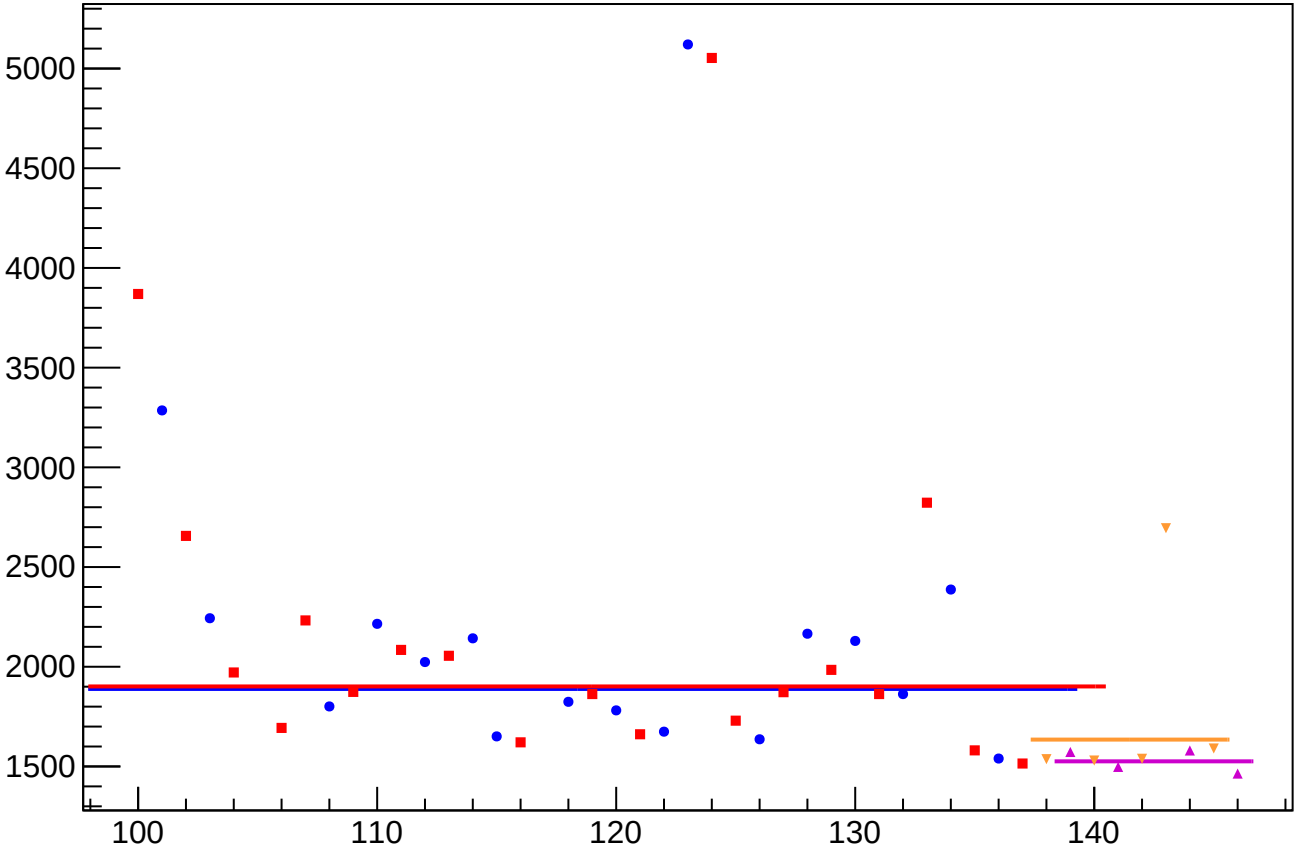
Left In: 1309.224+/-840.274 χ^2/NDF:1.3/3

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

All: 219.304+/-398.481 χ^2/NDF: 47.4/44

- sign 762.221+/-552.677 χ^2/NDF: 12.8/22

asym_atl_dd_atr_dd_dd_rms vs Slug



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

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

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

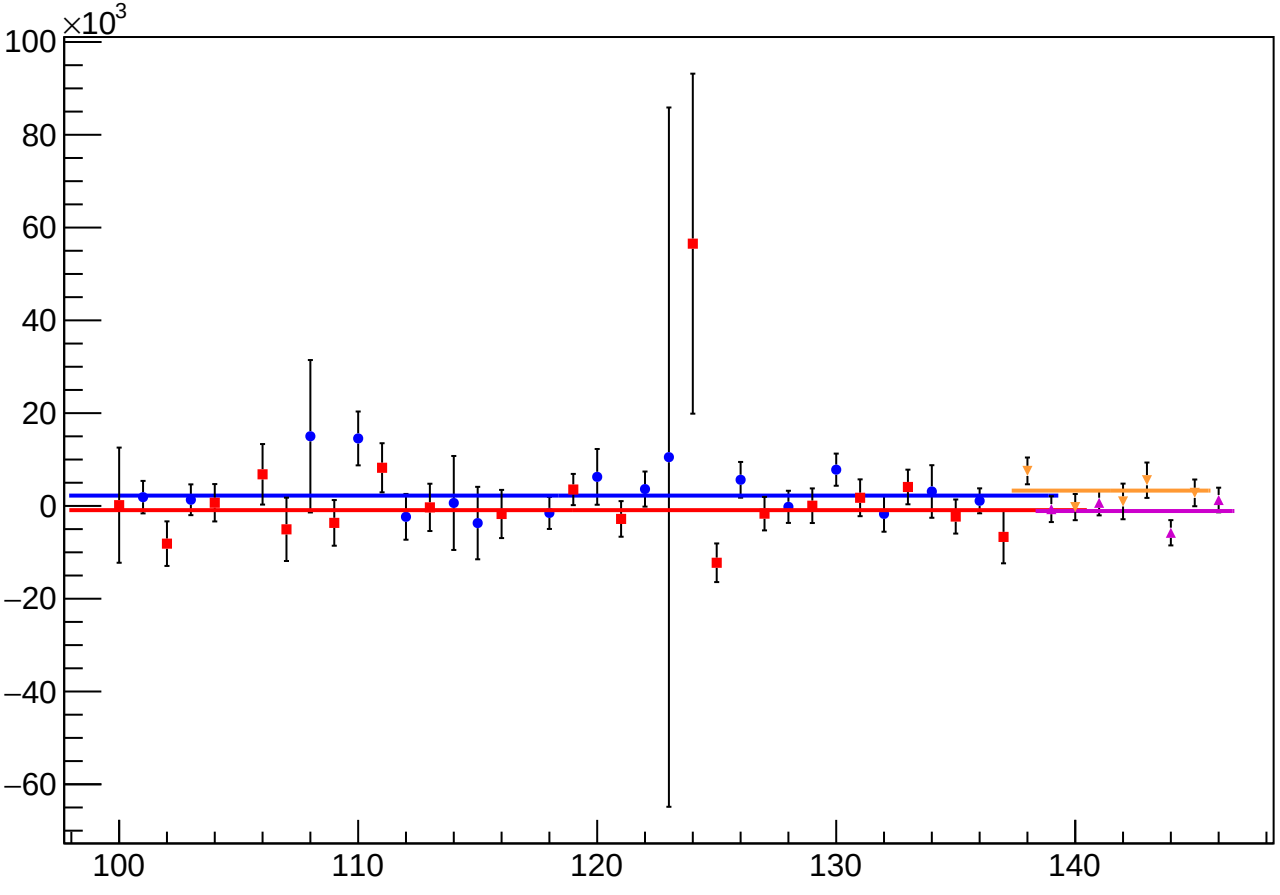
Left In: 1525.662+/-0.594 χ^2/NDF:6863.4/3

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

All: 1761.488+/-0.282 χ^2/NDF: 1484844.8/44

- sign 1738.767+/-0.391 χ^2/NDF: 695008.6/22

dit_asym_atl1_mean vs Slug



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

Left Out: 3303.664+/-1410.039 χ^2/NDF:4.5/4

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

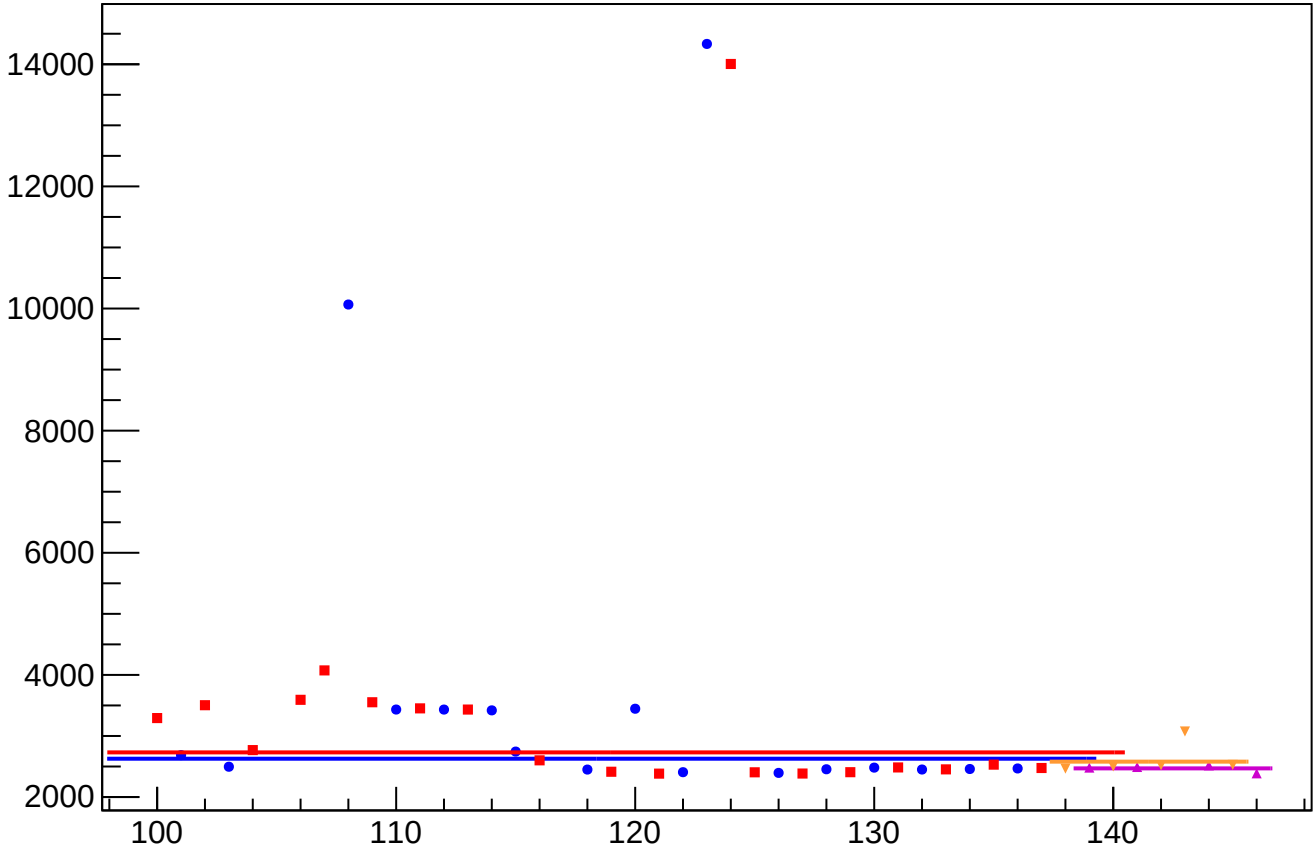
Left In: -1097.504+/-1359.869 χ^2/NDF:4.2/3

+ sign 2606.345+/-836.596 χ^2/NDF: 18.4/21

All: 798.778+/-589.051 χ^2/NDF: 54.8/44

- sign -978.415+/-829.537 χ^2/NDF: 27.1/22

dit_asym_atl1_rms vs Slug



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

Left Out: 2579.669+/-0.997 χ^2/NDF:39407.7/4

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

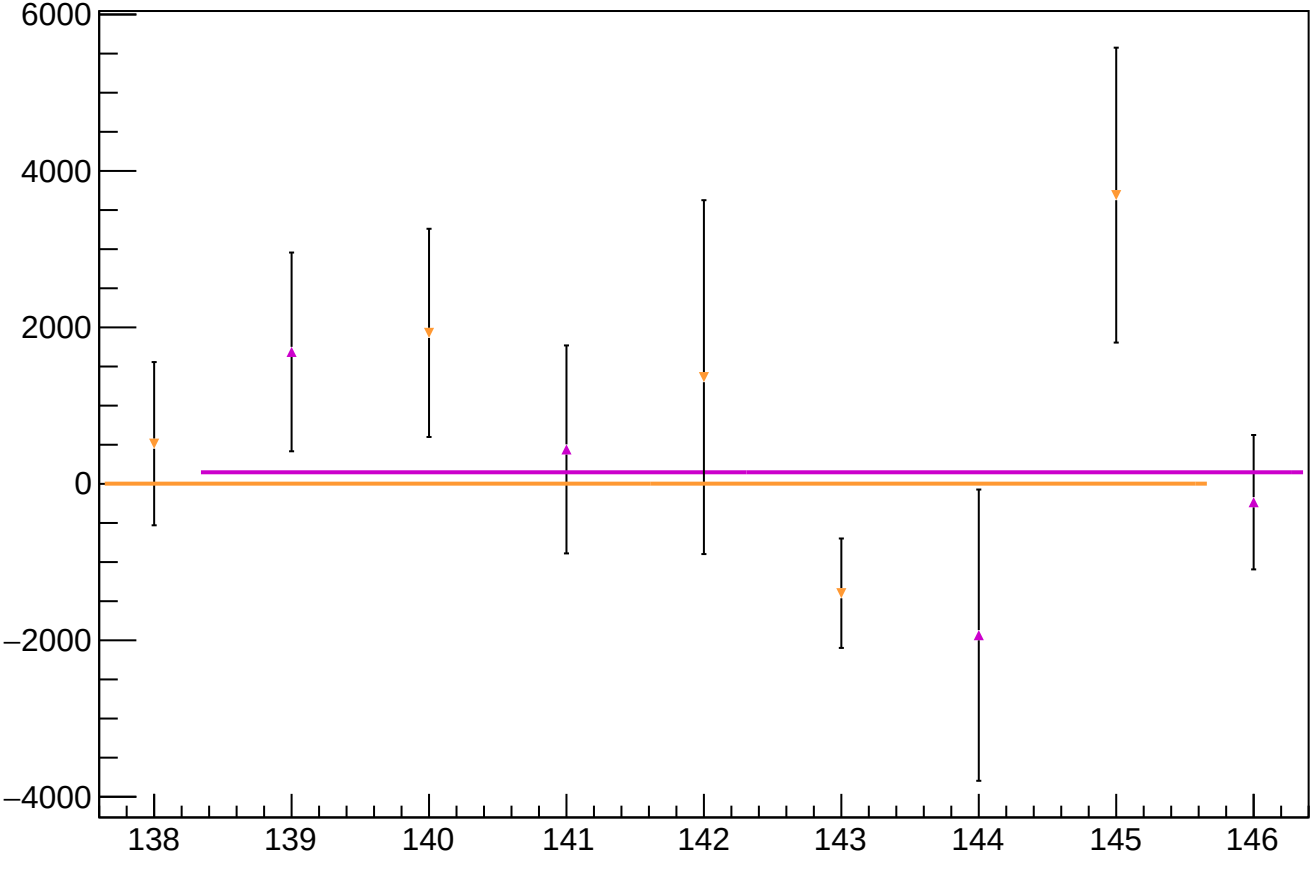
Left In: 2469.232+/-0.962 χ^2/NDF:2701.8/3

+ sign 2610.708+/-0.592 χ^2/NDF: 685299.9/21

All: 2622.333+/-0.417 χ^2/NDF: 1333603.1/44

- sign 2633.762+/-0.587 χ^2/NDF: 647537.4/22

asym_atl1_correction_mean vs Slug



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

Left Out: 2.578+/-499.745 χ^2/NDF:10.5/4

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

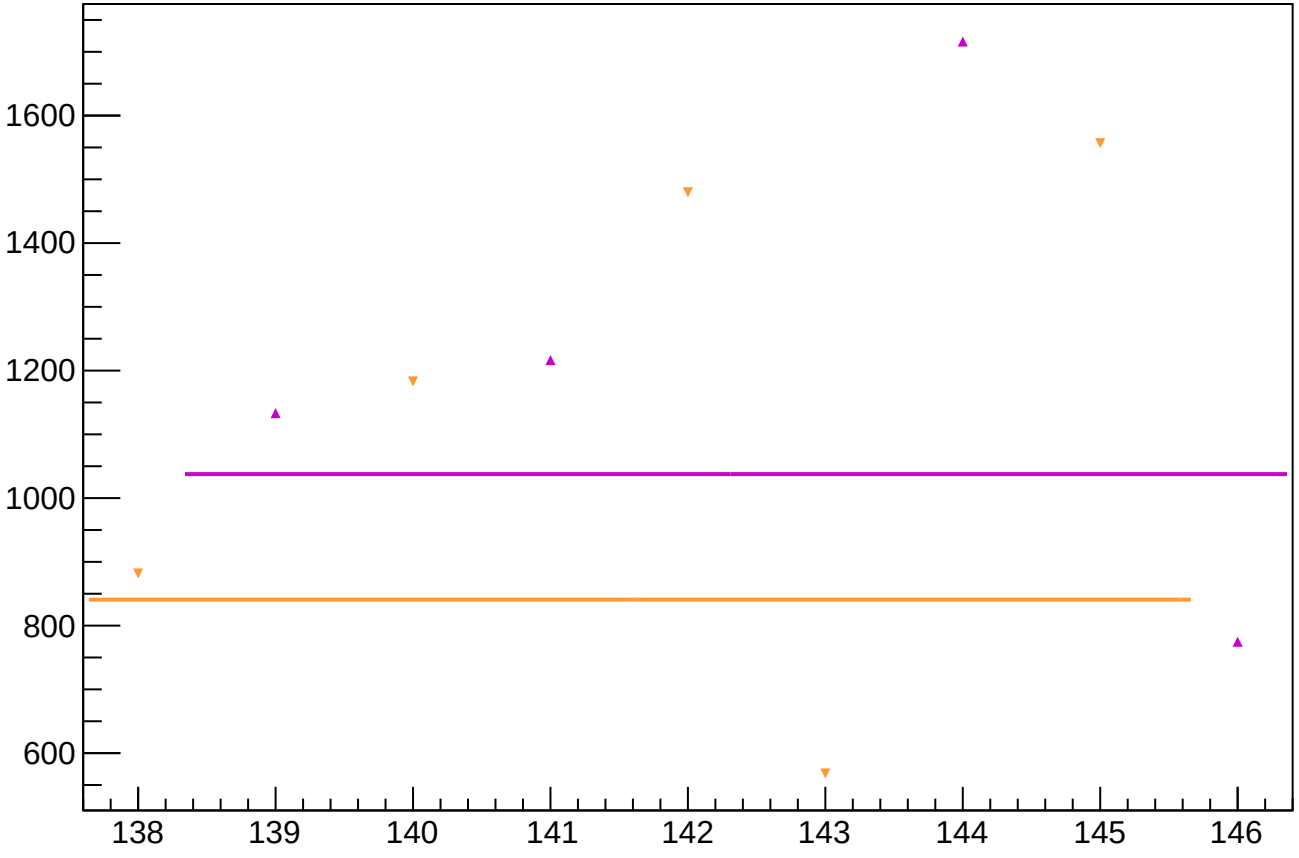
Left In: 147.889+/-594.499 χ^2/NDF:3.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 62.744+/-382.541 χ^2/NDF: 13.5/8

- 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: 840.767+/-0.353 χ^2/NDF:887409.3/4

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

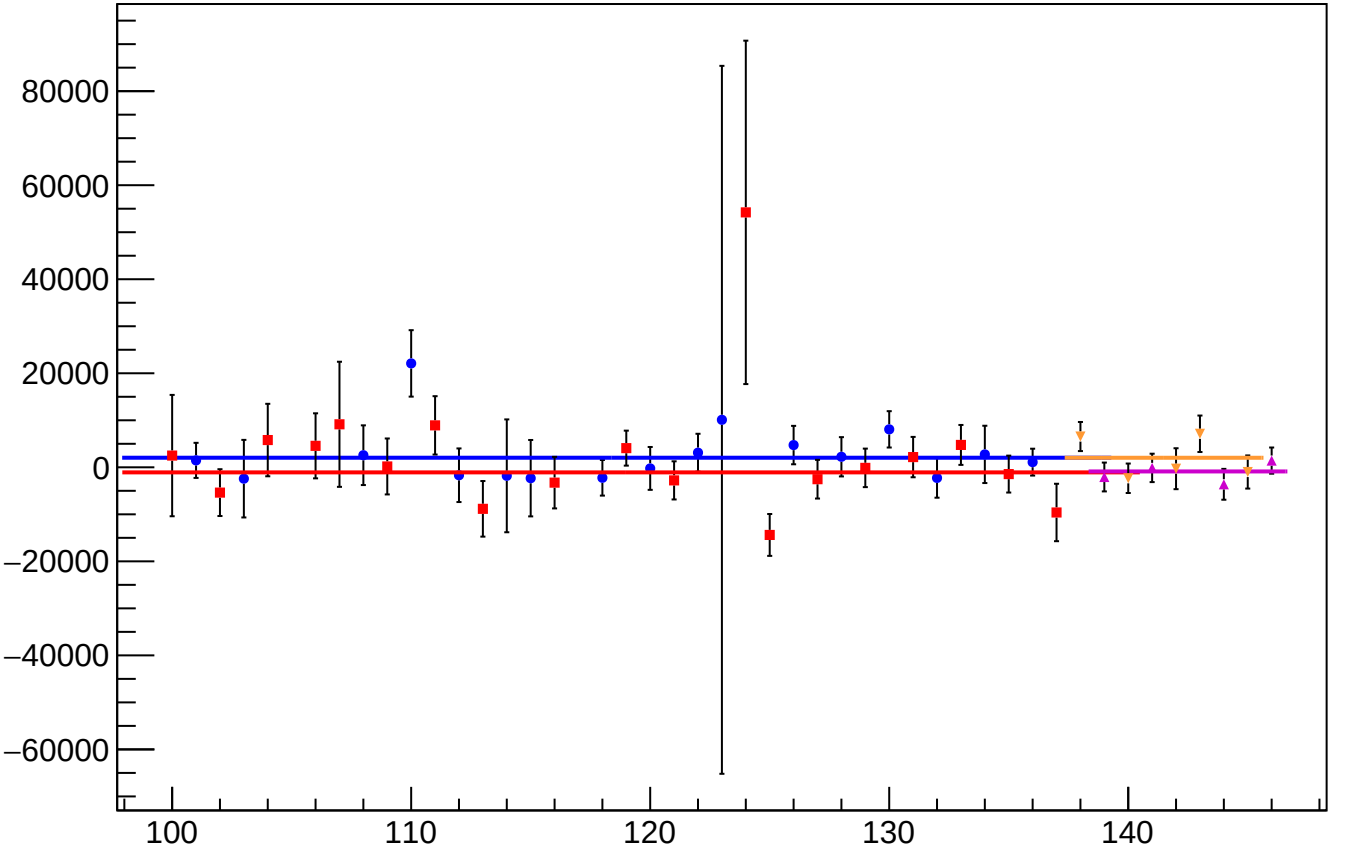
Left In: 1037.653+/-0.420 χ^2/NDF:500639.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 922.288+/-0.270 χ^2/NDF: 1516582.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_mean vs Slug



Right In: 2037.803+/-1151.419 χ^2/NDF: 14.8/16

Left Out: 2028.872+/-1569.143 χ^2/NDF:6.8/4

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

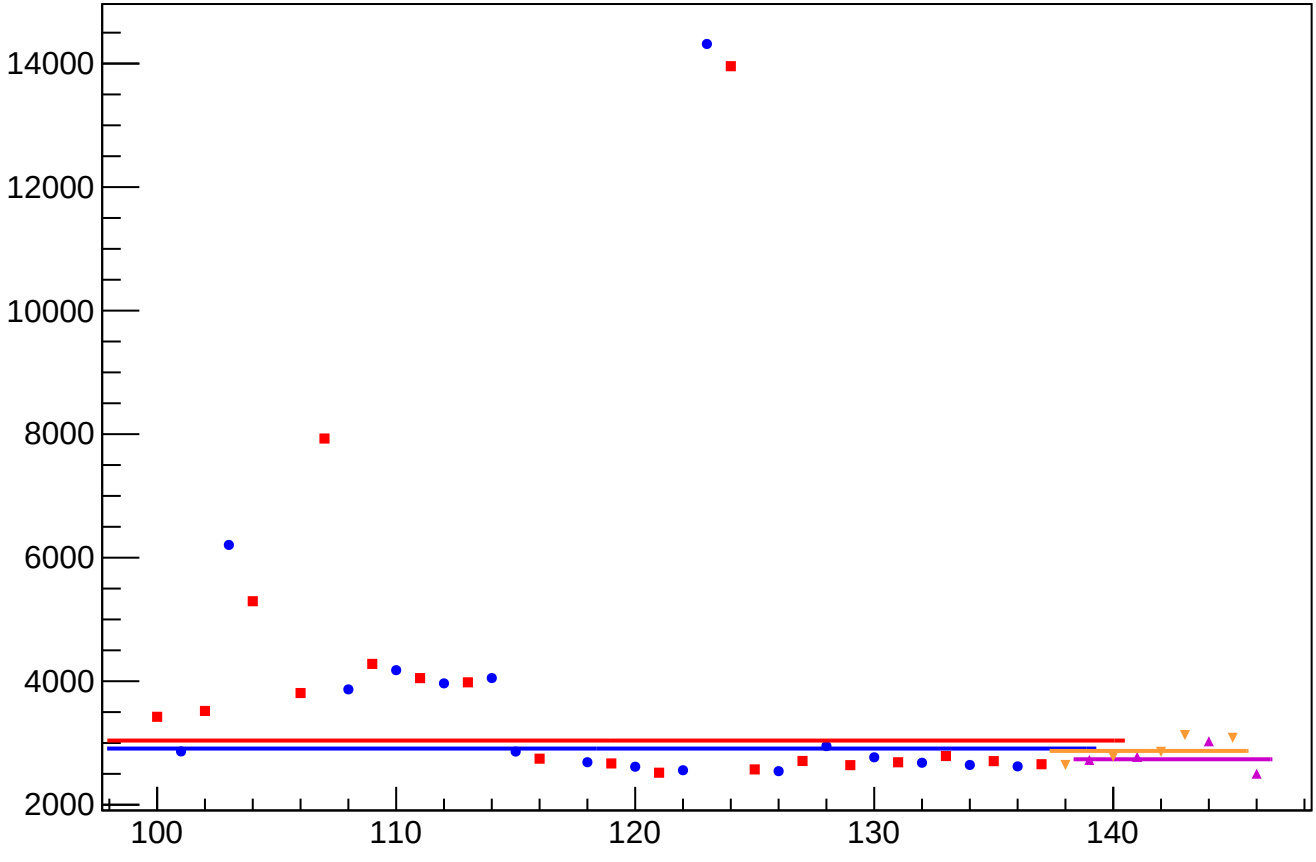
Left In: -878.778+/-1510.692 χ^2/NDF:1.6/3

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

All: 523.656+/-658.132 χ^2/NDF: 53.9/44

- sign -1003.295+/-933.189 χ^2/NDF: 26.9/22

asym_atl1_rms vs Slug



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

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

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

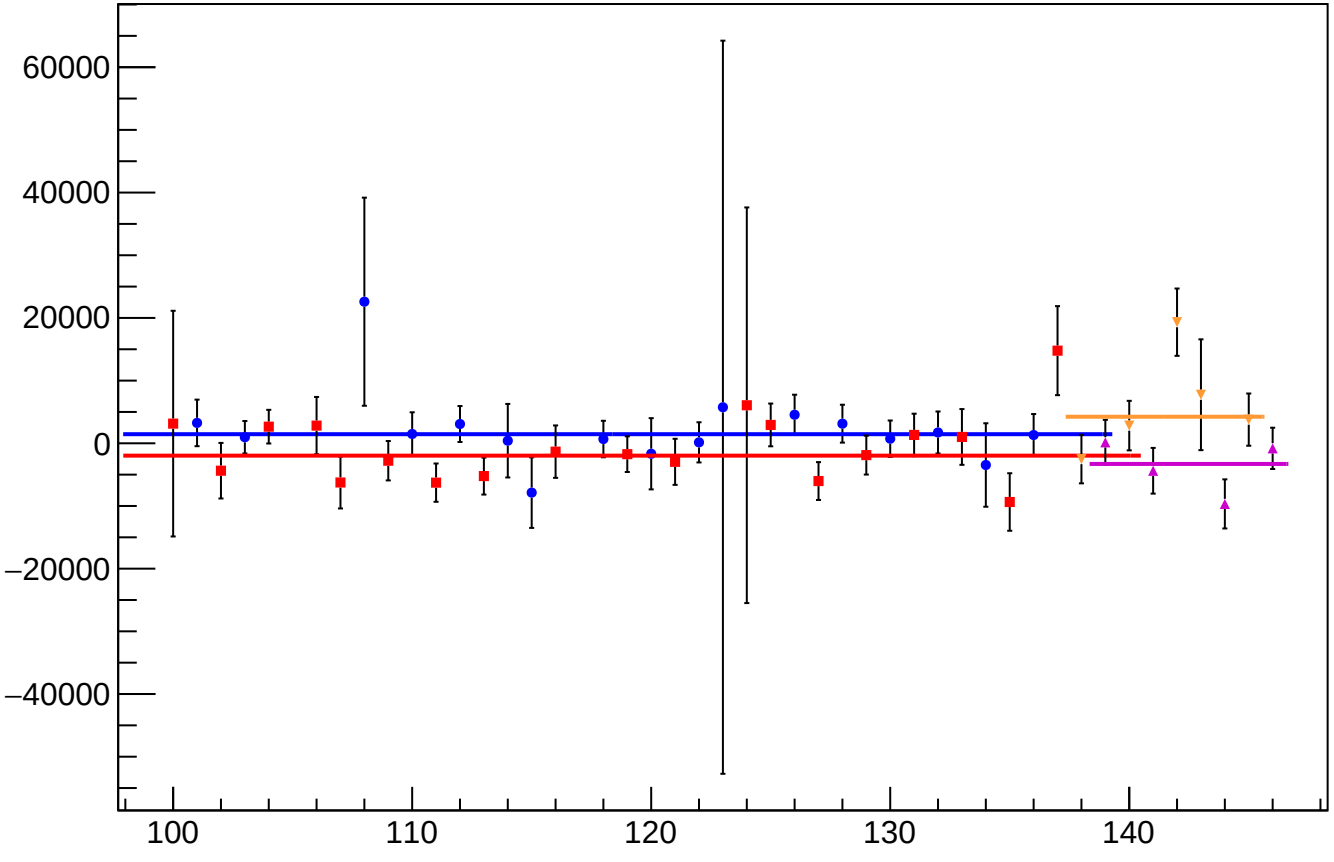
Left In: 2736.155+/-1.068 χ^2/NDF:30175.5/3

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

All: 2909.857+/-0.465 χ^2/NDF: 1763355.3/44

- sign 2923.513+/-0.660 χ^2/NDF: 1091225.7/22

dit_asym_atl2_mean vs Slug



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

Left Out: 4236.647+/-2058.870 χ^2/NDF:11.2/4

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

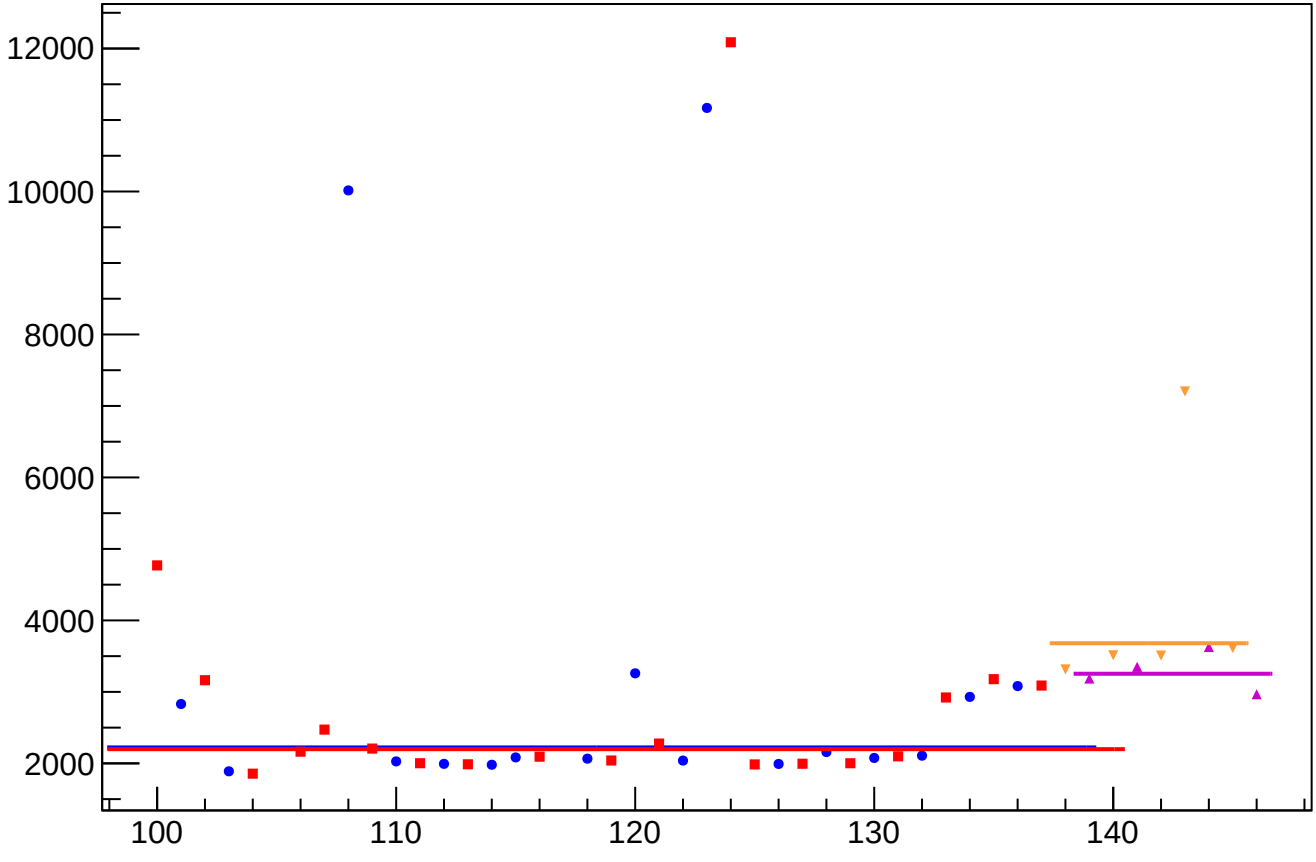
Left In: -3294.352+/-1795.184 χ^2/NDF:4.2/3

+ sign 1889.582+/-816.172 χ^2/NDF: 20.2/21

All: -284.279+/-559.544 χ^2/NDF: 60.6/44

- sign -2212.095+/-768.597 χ^2/NDF: 27.1/22

dit_asym_atl2_rms vs Slug



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

Left Out: 3680.518+/-1.456 χ^2/NDF:341632.4/4

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

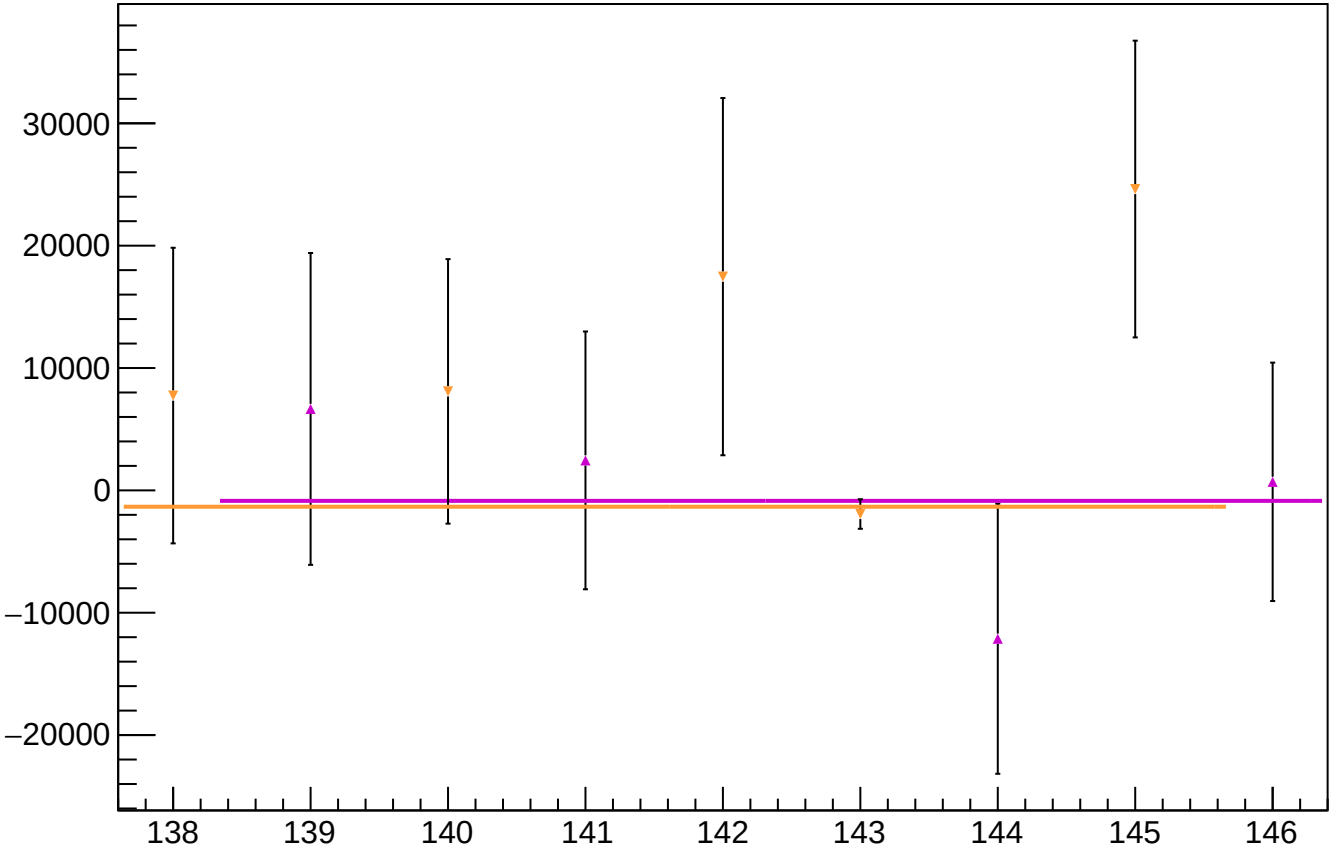
Left In: 3253.797+/-1.269 χ^2/NDF:35467.1/3

+ sign 2452.155+/-0.577 χ^2/NDF: 2036565.8/21

All: 2420.217+/-0.396 χ^2/NDF: 3244541.4/44

- sign 2391.927+/-0.543 χ^2/NDF: 1202200.3/22

asym_atl2_correction_mean vs Slug



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

Left Out: -1336.724+/-1185.597 χ^2/NDF:7.8/4

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

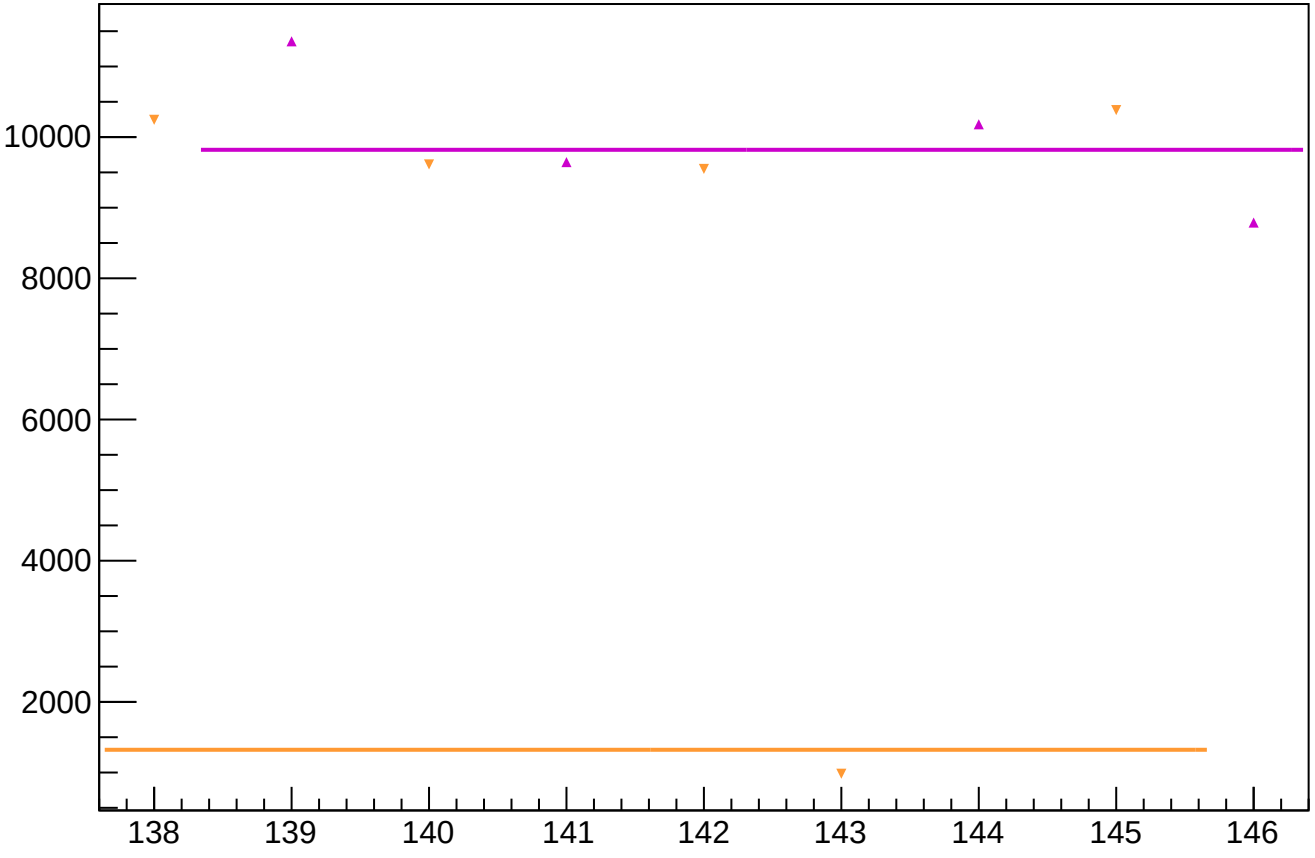
Left In: -857.085+/-5431.136 χ^2/NDF:1.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1314.907+/-1158.320 χ^2/NDF: 9.3/8

- 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: 1322.181+/-0.838 χ^2/NDF:4176671.3/4

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

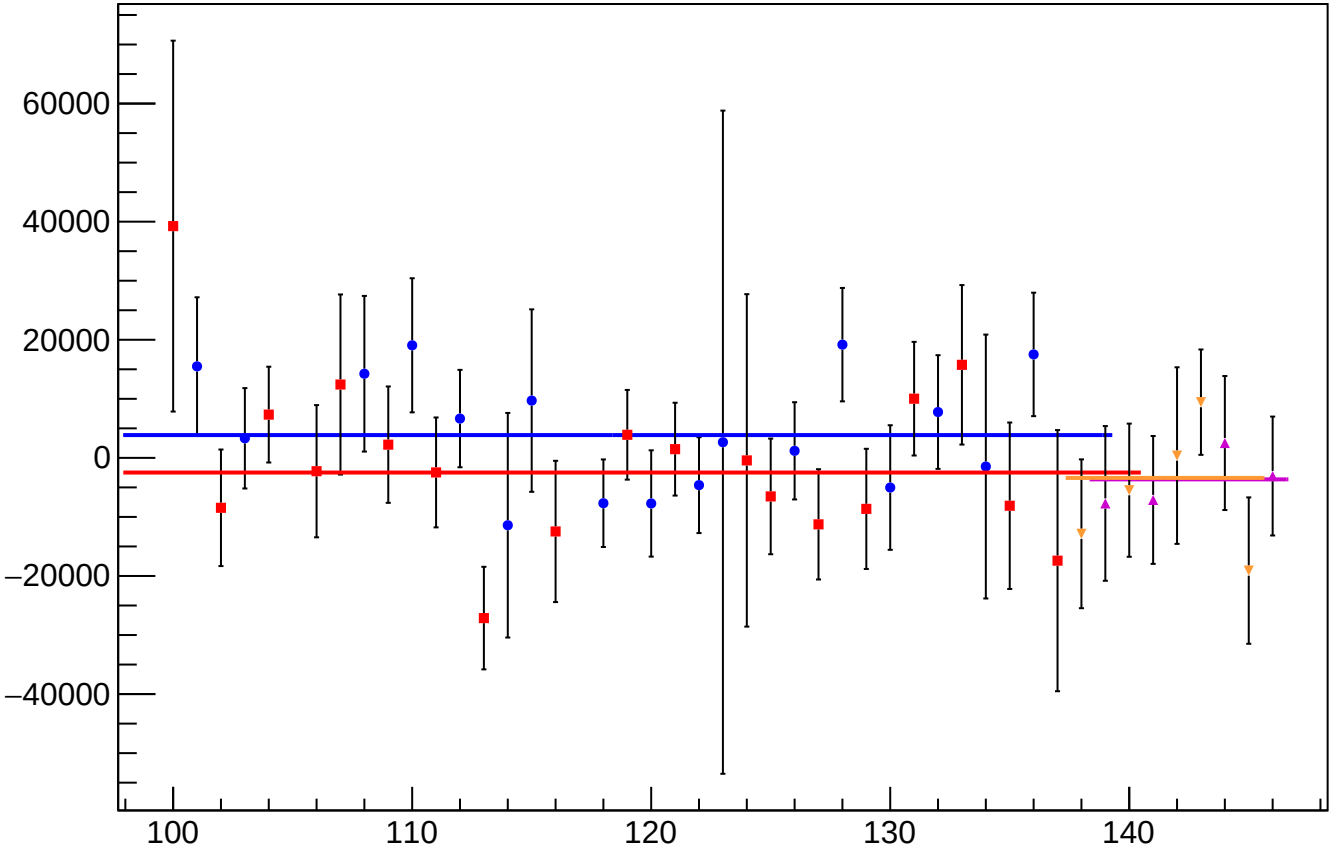
Left In: 9820.104+/-3.840 χ^2/NDF:54136.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1708.716+/-0.819 χ^2/NDF: 8904463.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_mean vs Slug



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

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

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

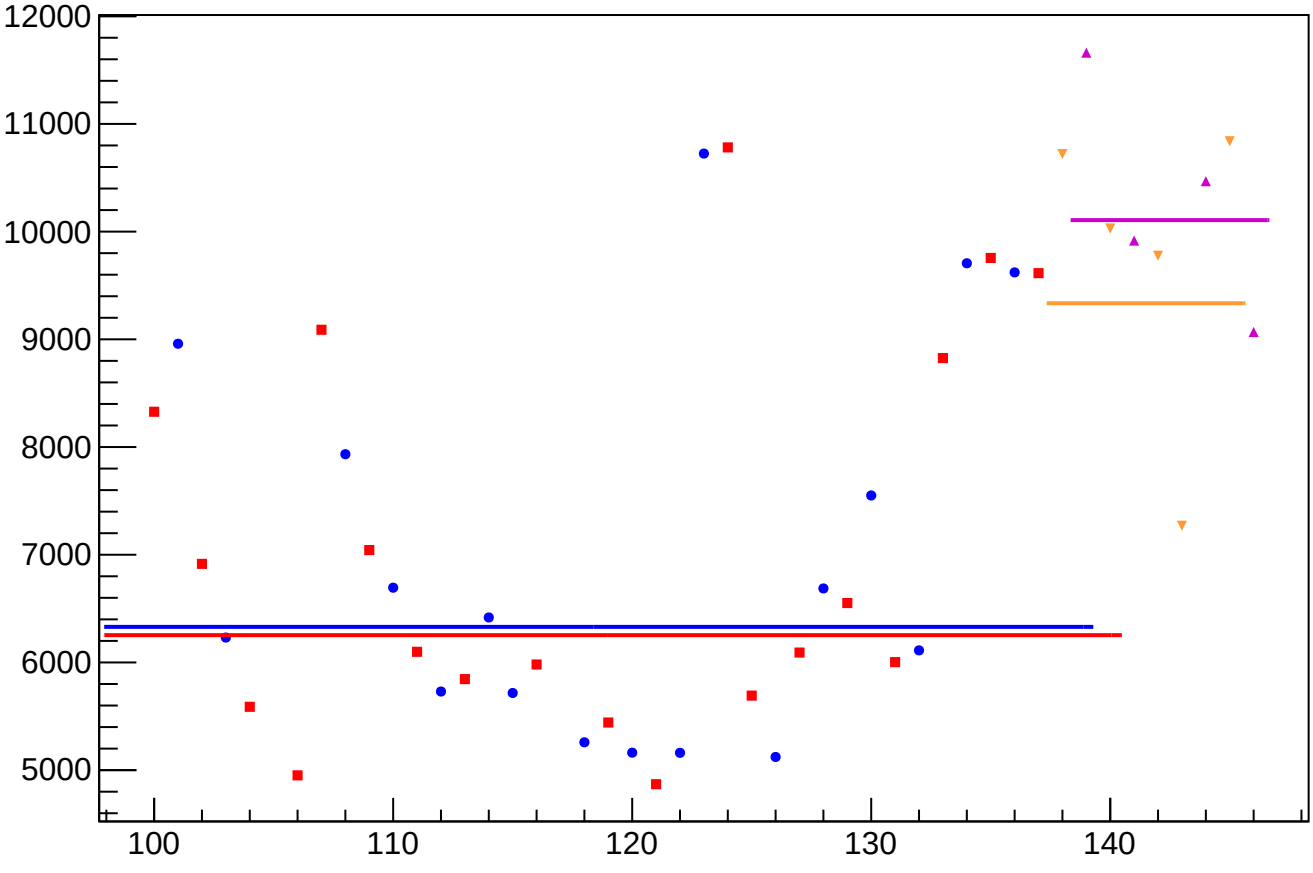
Left In: -3642.005+/-5590.813 χ^2/NDF:0.5/3

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

All: -137.221+/-1582.816 χ^2/NDF: 43.9/44

- sign -2665.990+/-2221.886 χ^2/NDF: 20.6/22

asym_atl2_rms vs Slug



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

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

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

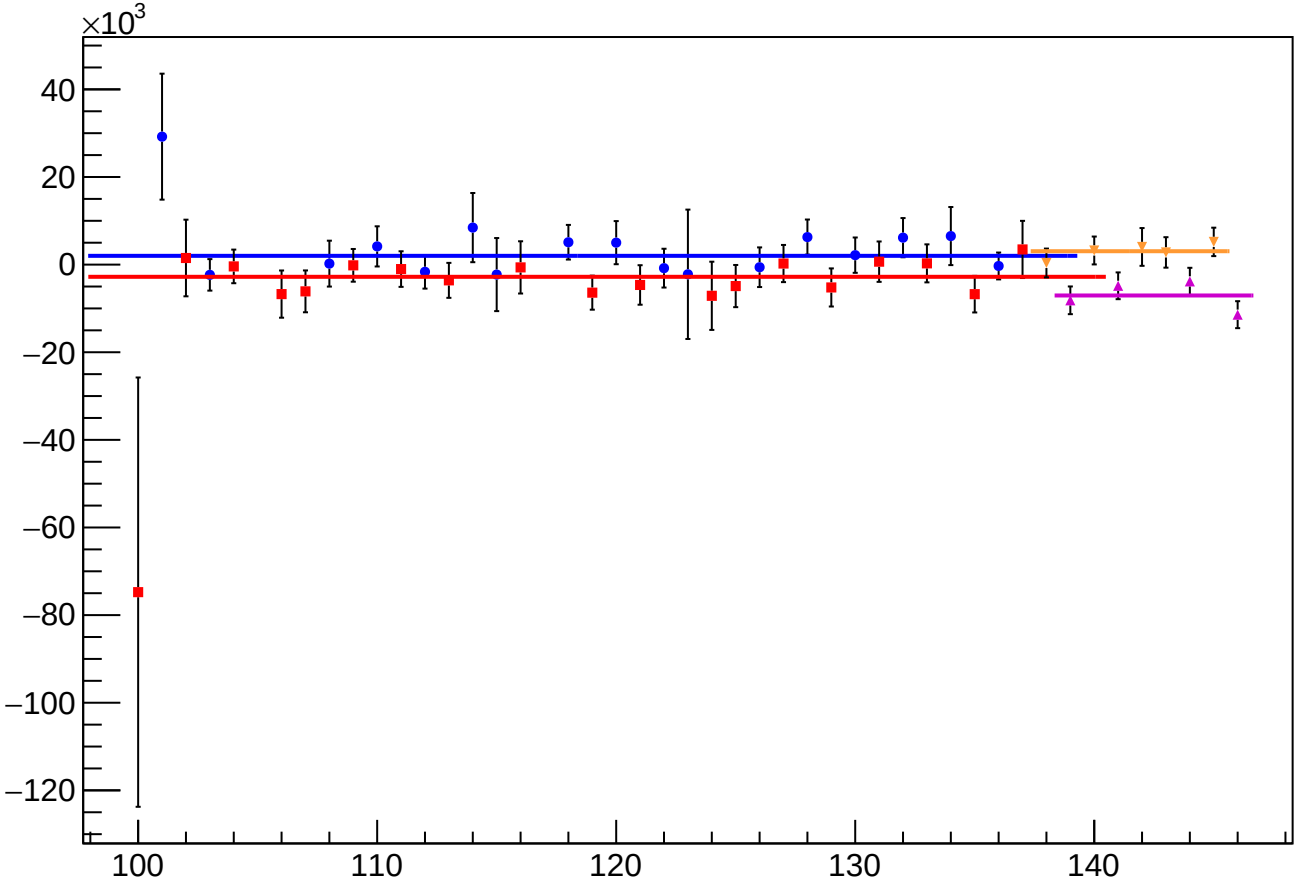
Left In: 10106.781+/-3.953 χ^2/NDF:52102.7/3

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

All: 6883.916+/-1.119 χ^2/NDF: 2701699.3/44

- sign 6861.899+/-1.571 χ^2/NDF: 1387529.6/22

dit_asym_atr1_mean vs Slug



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

Left Out: 3058.937+/-1537.883 χ^2/NDF:1.2/4

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

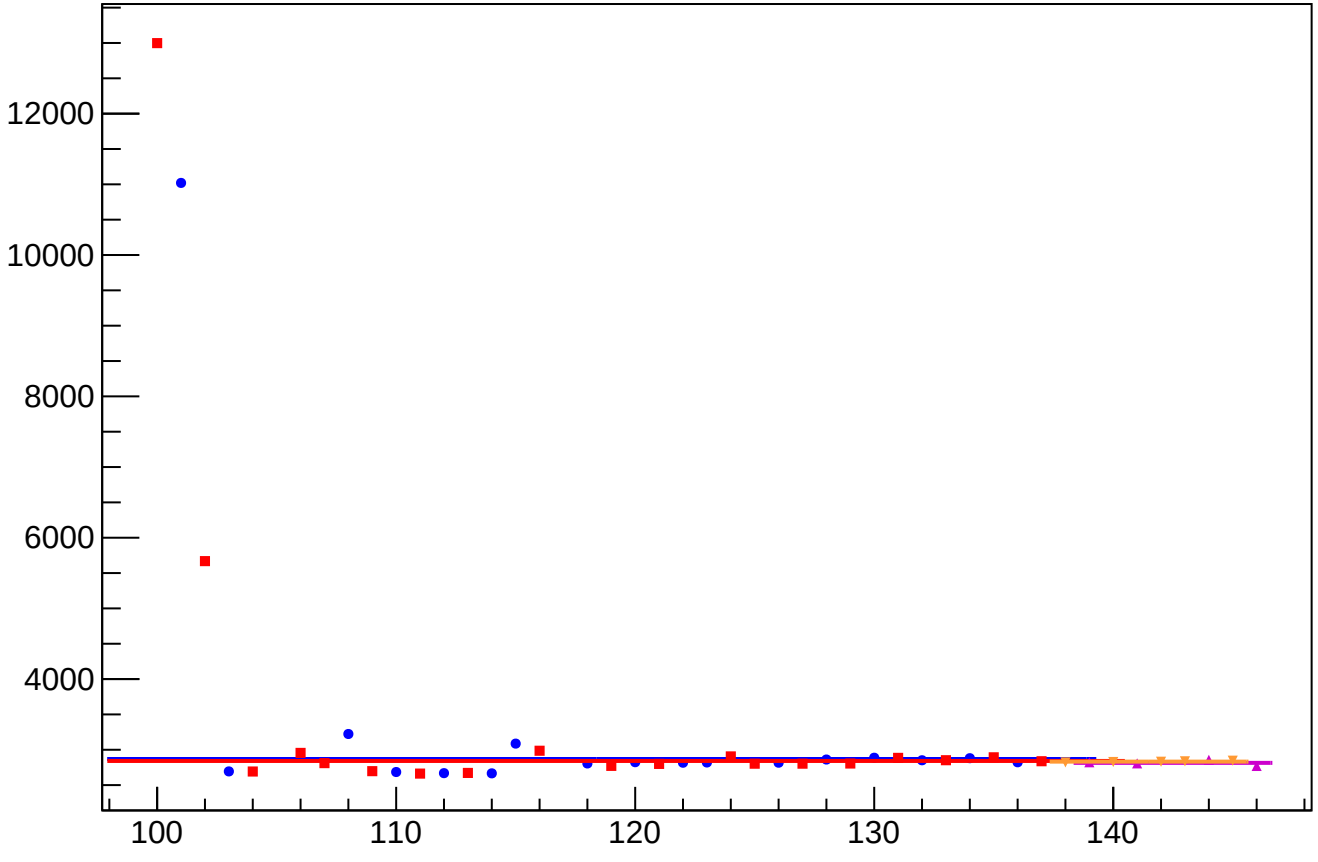
Left In: -7044.906+/-1548.510 χ^2/NDF:3.8/3

+ sign 2376.563+/-912.825 χ^2/NDF: 13.5/21

All: -991.193+/-636.957 χ^2/NDF: 58.8/44

- sign -4187.058+/-889.224 χ^2/NDF: 18.7/22

dit_asym_atr1_rms vs Slug



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

Left Out: 2832.107+/-1.087 χ^2/NDF:65.2/4

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

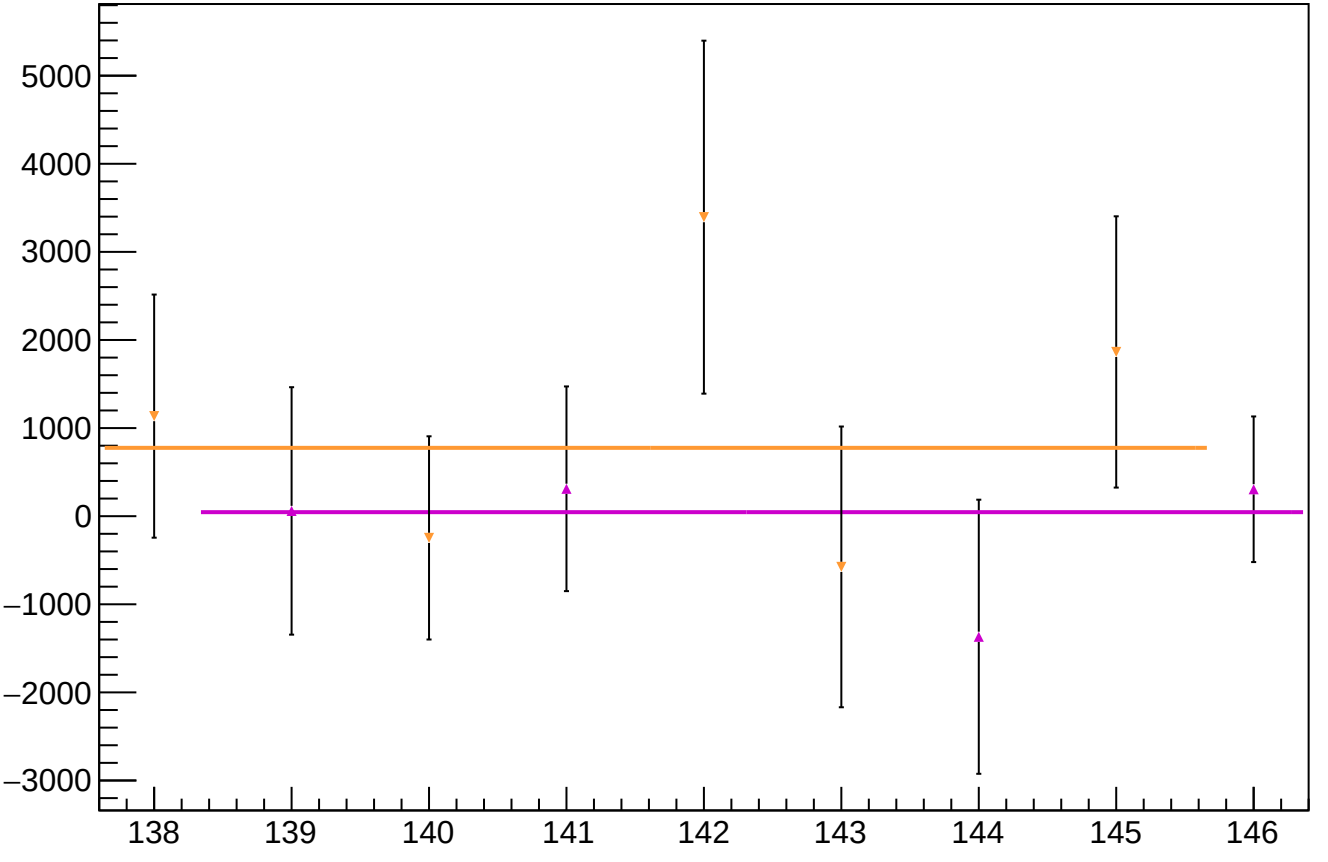
Left In: 2814.460+/-1.095 χ^2/NDF:821.5/3

+ sign 2856.130+/-0.645 χ^2/NDF: 670719.1/21

All: 2844.069+/-0.450 χ^2/NDF: 985154.7/44

- sign 2832.624+/-0.629 χ^2/NDF: 313755.1/22

asym_atr1_correction_mean vs Slug



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

Left Out: 775.716+/-653.438 χ^2/NDF:3.8/4

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

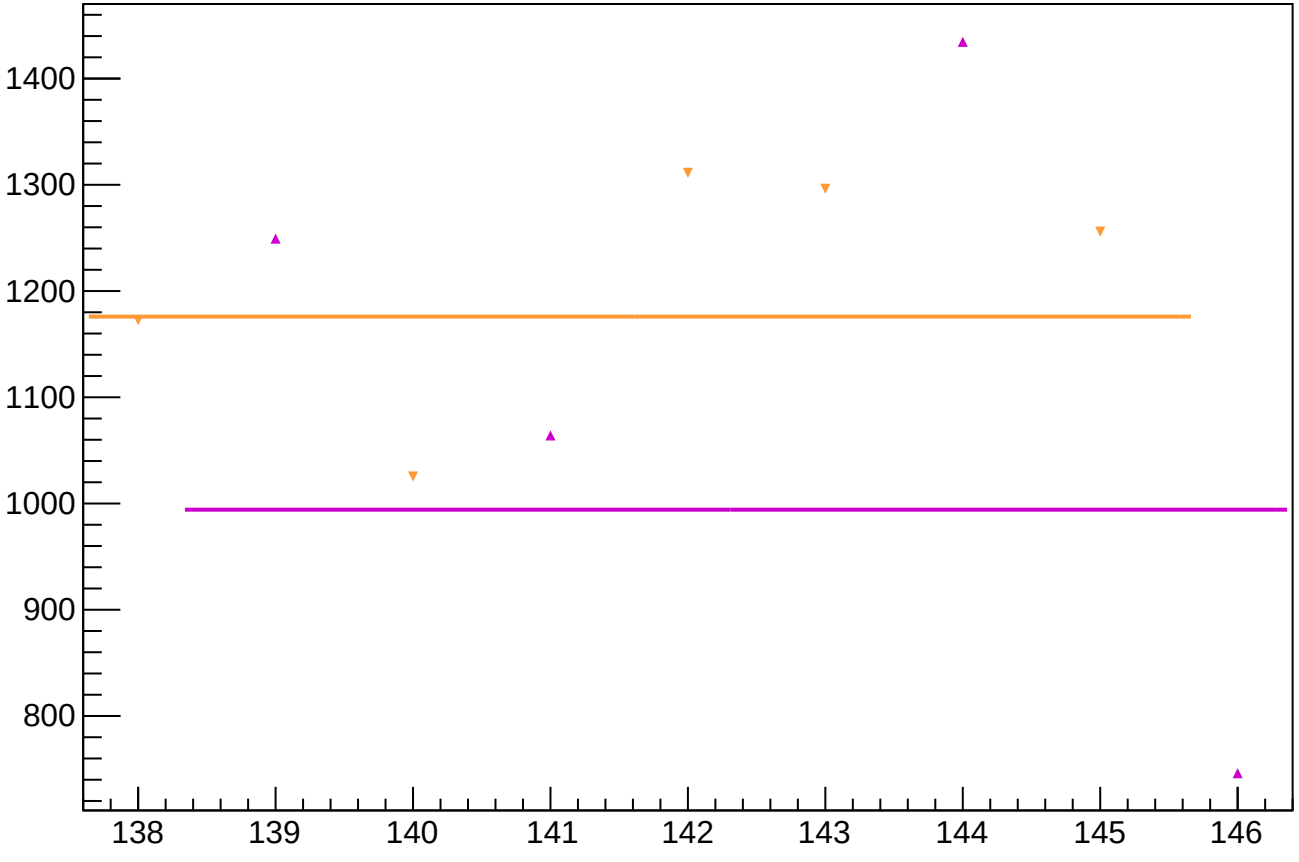
Left In: 45.651+/-565.657 χ^2/NDF:1.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 358.386+/-427.673 χ^2/NDF: 5.5/8

- 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: 1175.923+/-0.462 χ^2/NDF:60001.9/4

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

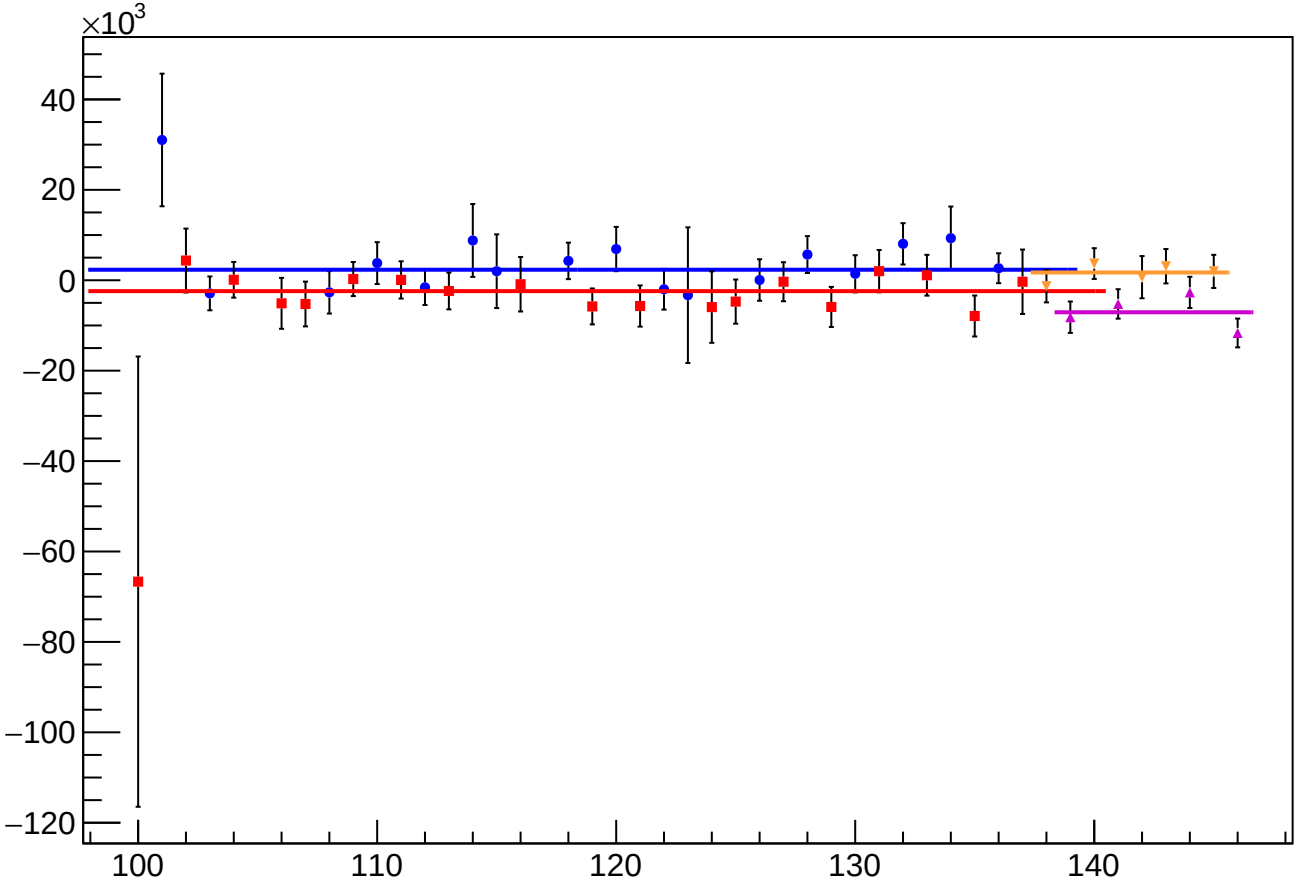
Left In: 994.199+/-0.400 χ^2/NDF:413671.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1072.043+/-0.302 χ^2/NDF: 562096.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_mean vs Slug



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 1718.852+/-1680.699 χ^2/NDF:1.2/4

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

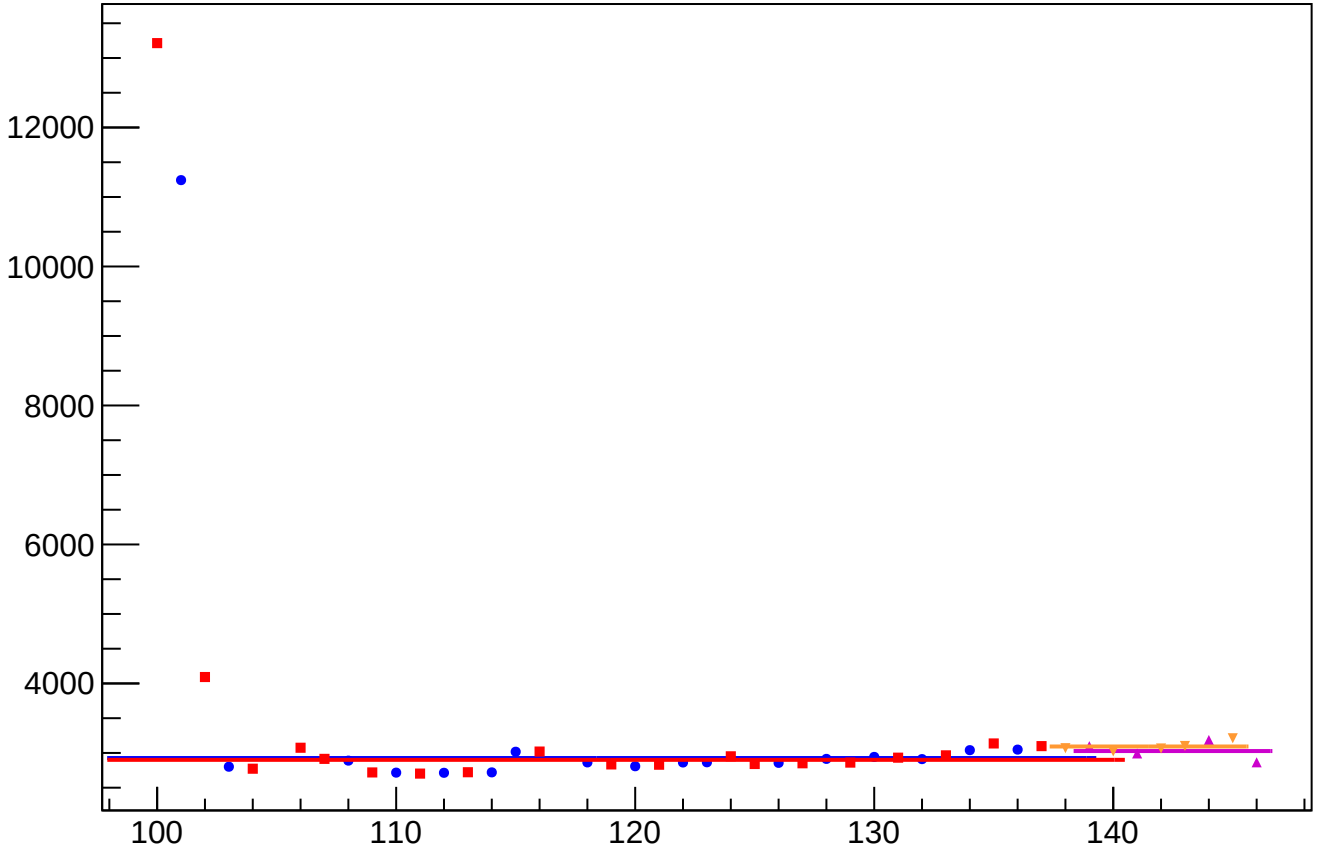
Left In: -7080.042+/-1667.042 χ^2/NDF:4.1/3

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

All: -944.935+/-663.295 χ^2/NDF: 55.6/44

- sign -3840.335+/-923.978 χ^2/NDF: 19.6/22

asym_atr1_rms vs Slug



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

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

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

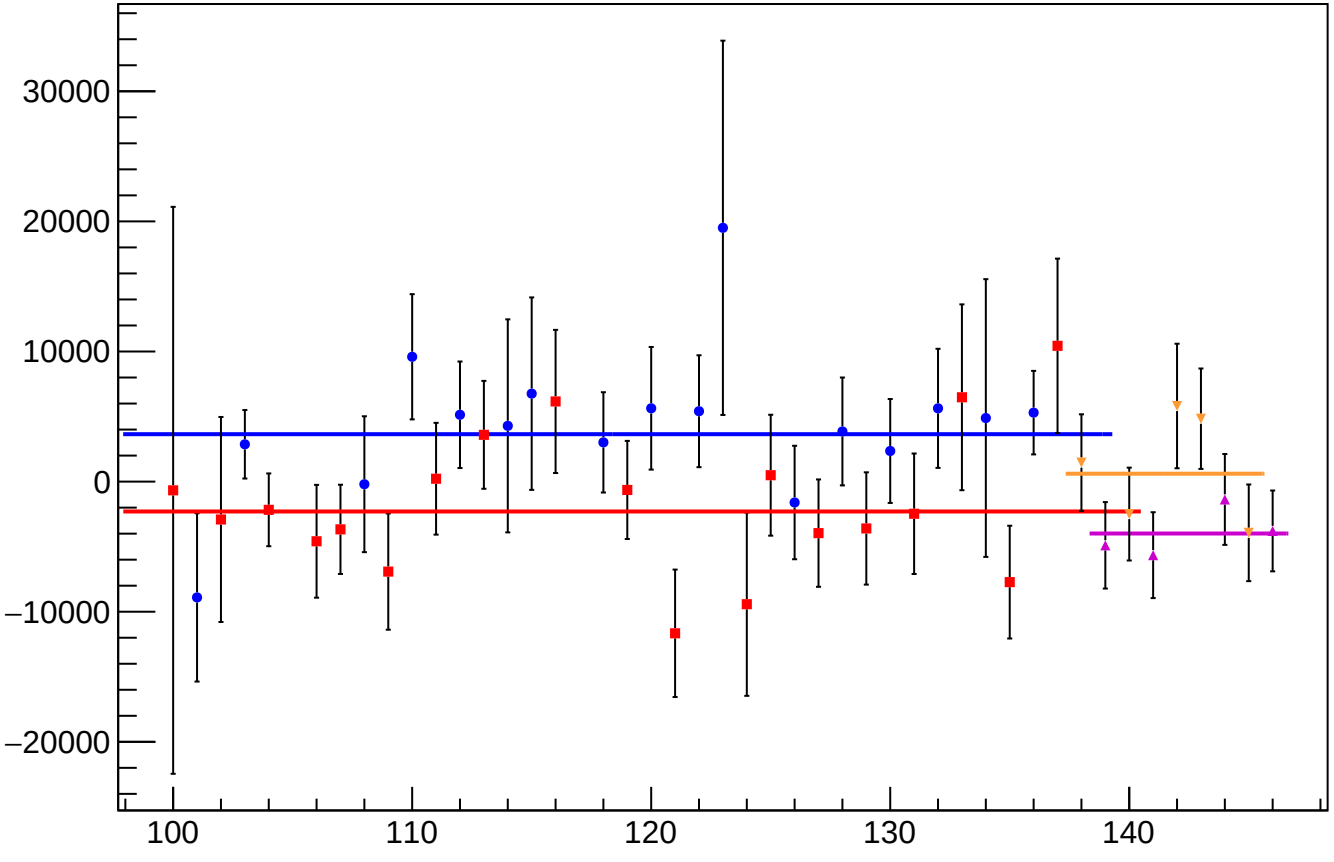
Left In: 3027.275+/-1.179 χ^2/NDF:10441.0/3

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

All: 2959.231+/-0.469 χ^2/NDF: 869312.3/44

- sign 2939.672+/-0.653 χ^2/NDF: 188279.6/22

dit_asym_atr2_mean vs Slug



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

Left Out: 607.257+/-1729.267 χ^2/NDF:4.7/4

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

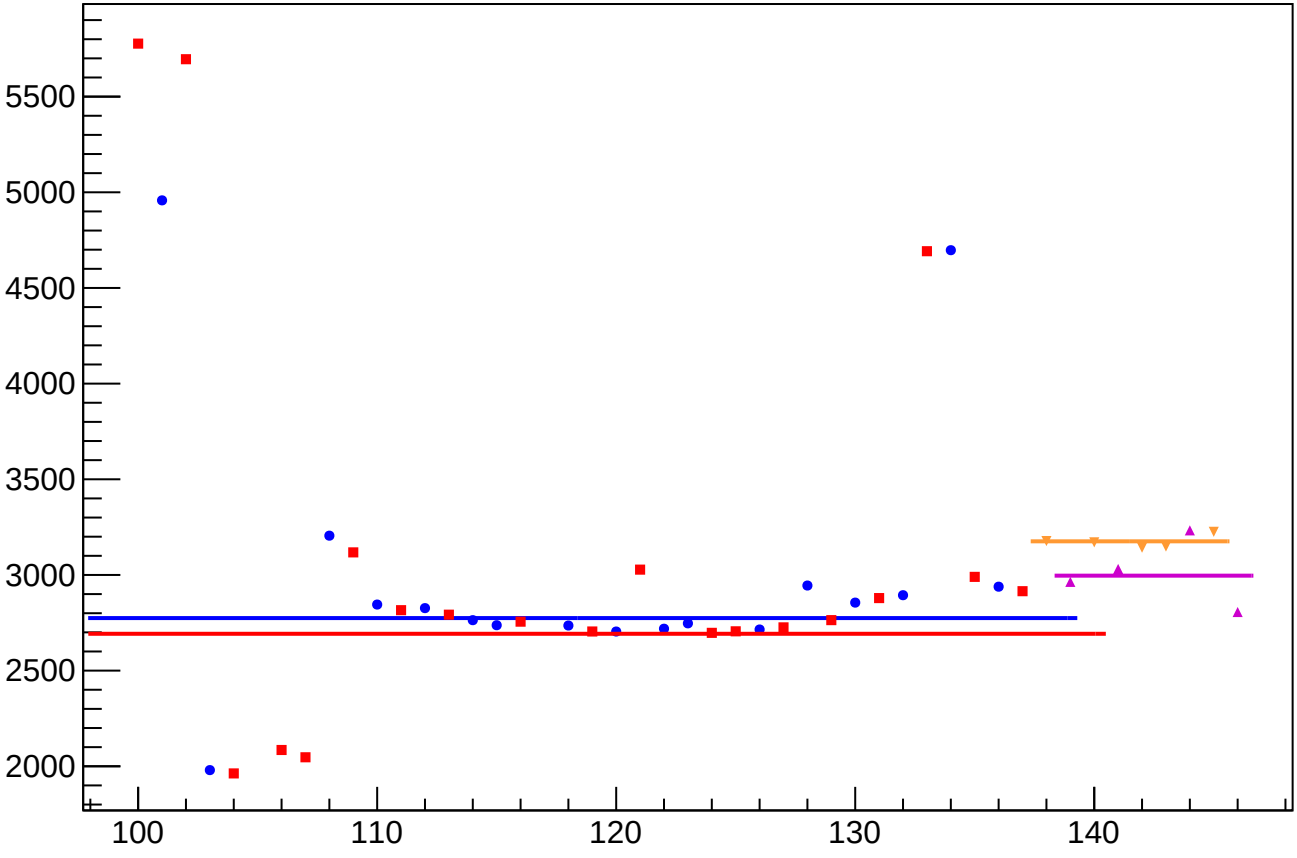
Left In: -3988.631+/-1648.149 χ^2/NDF:0.9/3

+ sign 2779.757+/-923.004 χ^2/NDF: 16.7/21

All: -122.382+/-638.303 χ^2/NDF: 55.8/44

- sign -2782.469+/-883.675 χ^2/NDF: 20.1/22

dit_asym_atr2_rms vs Slug



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

Left Out: 3175.751+/-1.223 χ^2/NDF:561.5/4

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

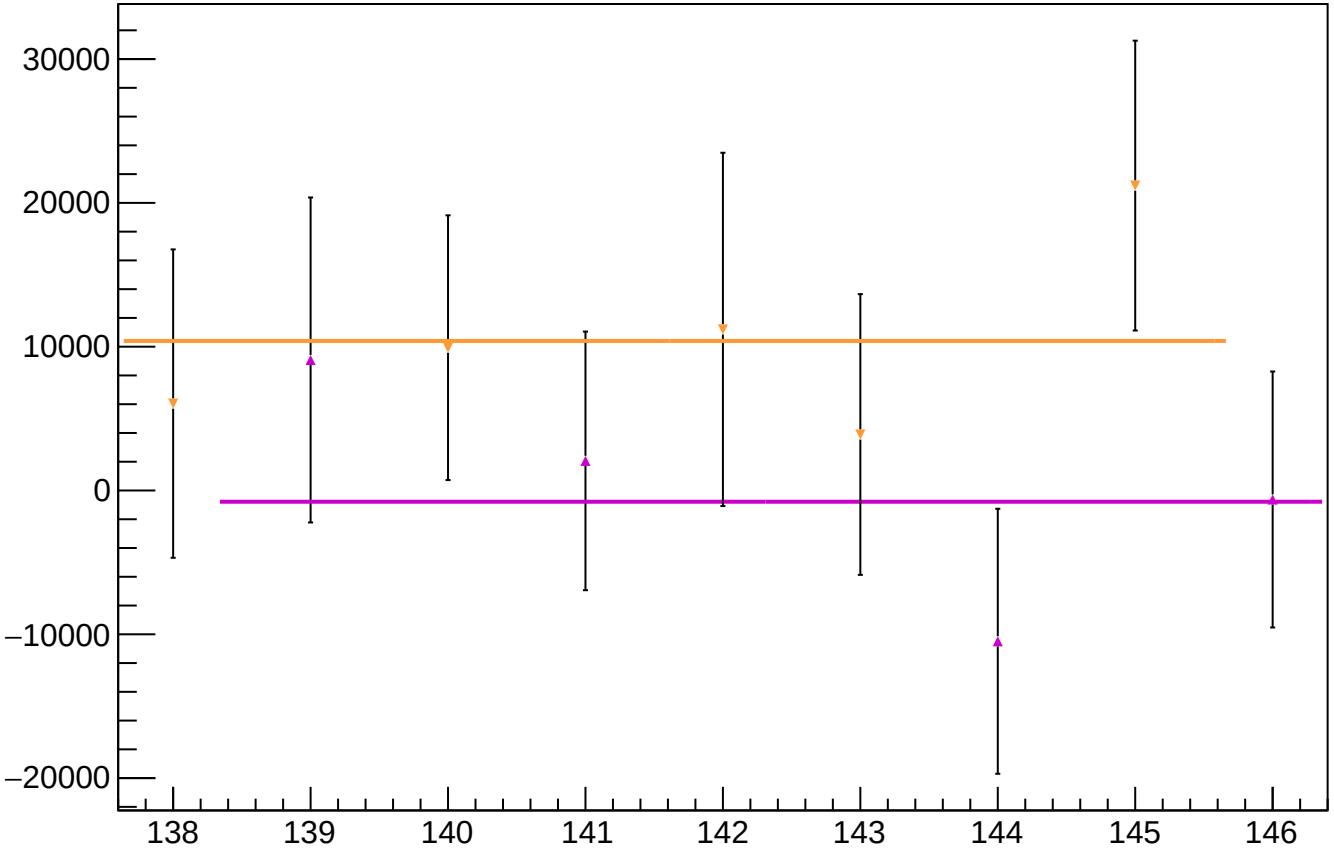
Left In: 2996.314+/-1.165 χ^2/NDF:17099.4/3

+ sign 2888.898+/-0.653 χ^2/NDF: 579200.0/21

All: 2831.964+/-0.451 χ^2/NDF: 1439577.5/44

- sign 2779.803+/-0.625 χ^2/NDF: 845796.2/22

asym_atr2_correction_mean vs Slug



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

Left Out: 10398.652+/-4589.898 χ^2/NDF:1.8/4

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

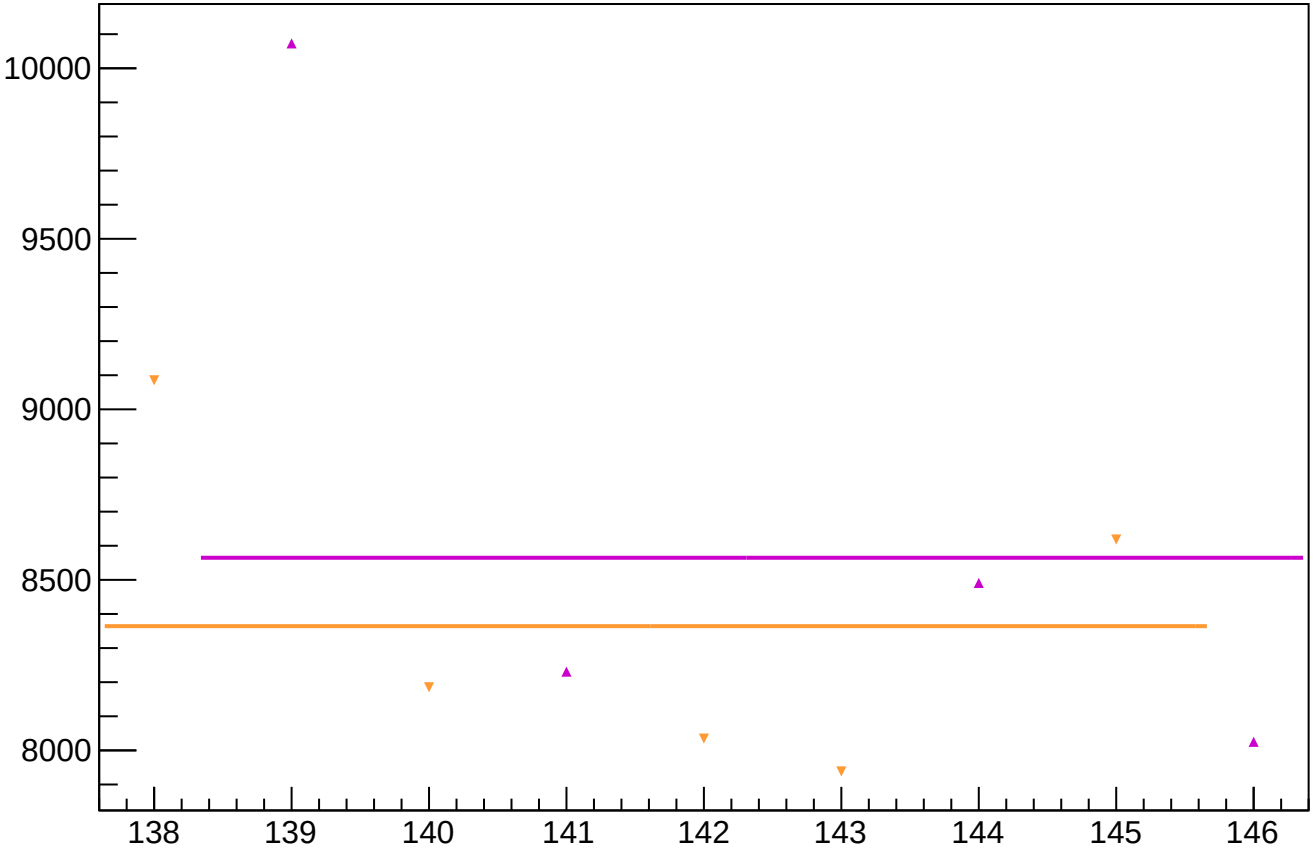
Left In: -781.298+/-4735.066 χ^2/NDF:2.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4982.681+/-3295.674 χ^2/NDF: 6.6/8

- 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: 8364.257+/-3.246 χ^2/NDF:16317.1/4

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

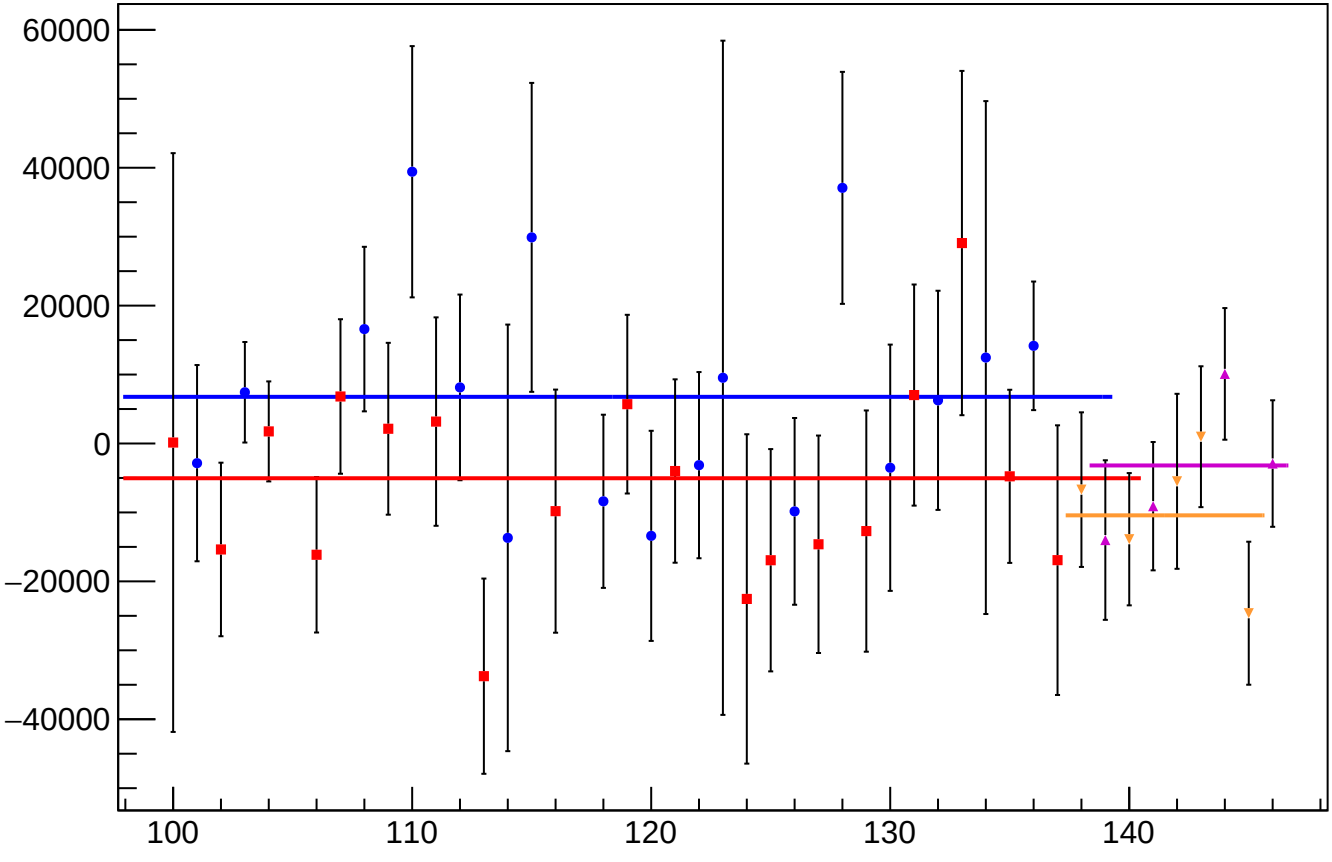
Left In: 8564.825+/-3.348 χ^2/NDF:45866.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8461.420+/-2.330 χ^2/NDF: 64034.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_mean vs Slug



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

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

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

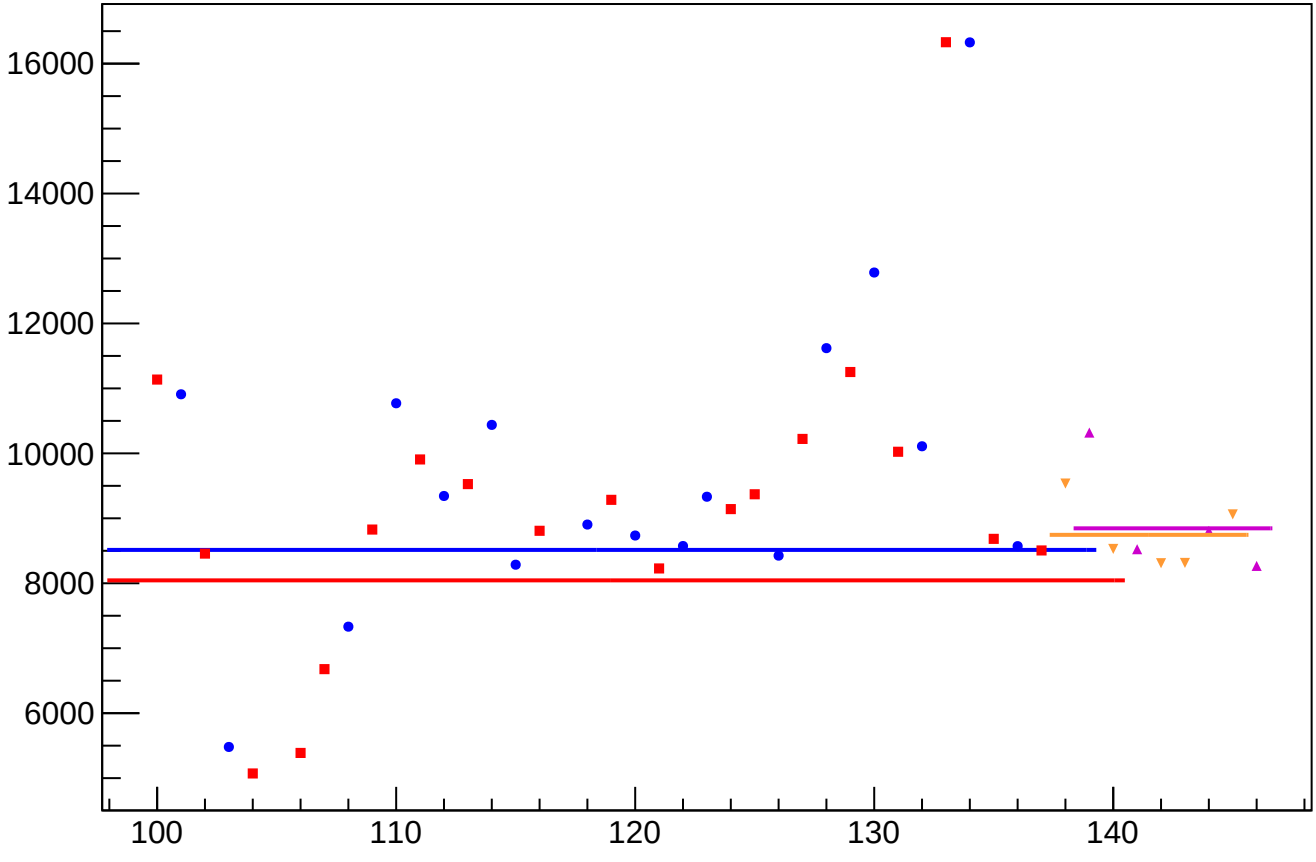
Left In: -3186.237+/-4888.364 χ^2/NDF:3.2/3

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

All: -1847.002+/-1915.407 χ^2/NDF: 46.5/44

- sign -4492.817+/-2658.305 χ^2/NDF: 16.9/22

asym_atr2_rms vs Slug



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

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

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

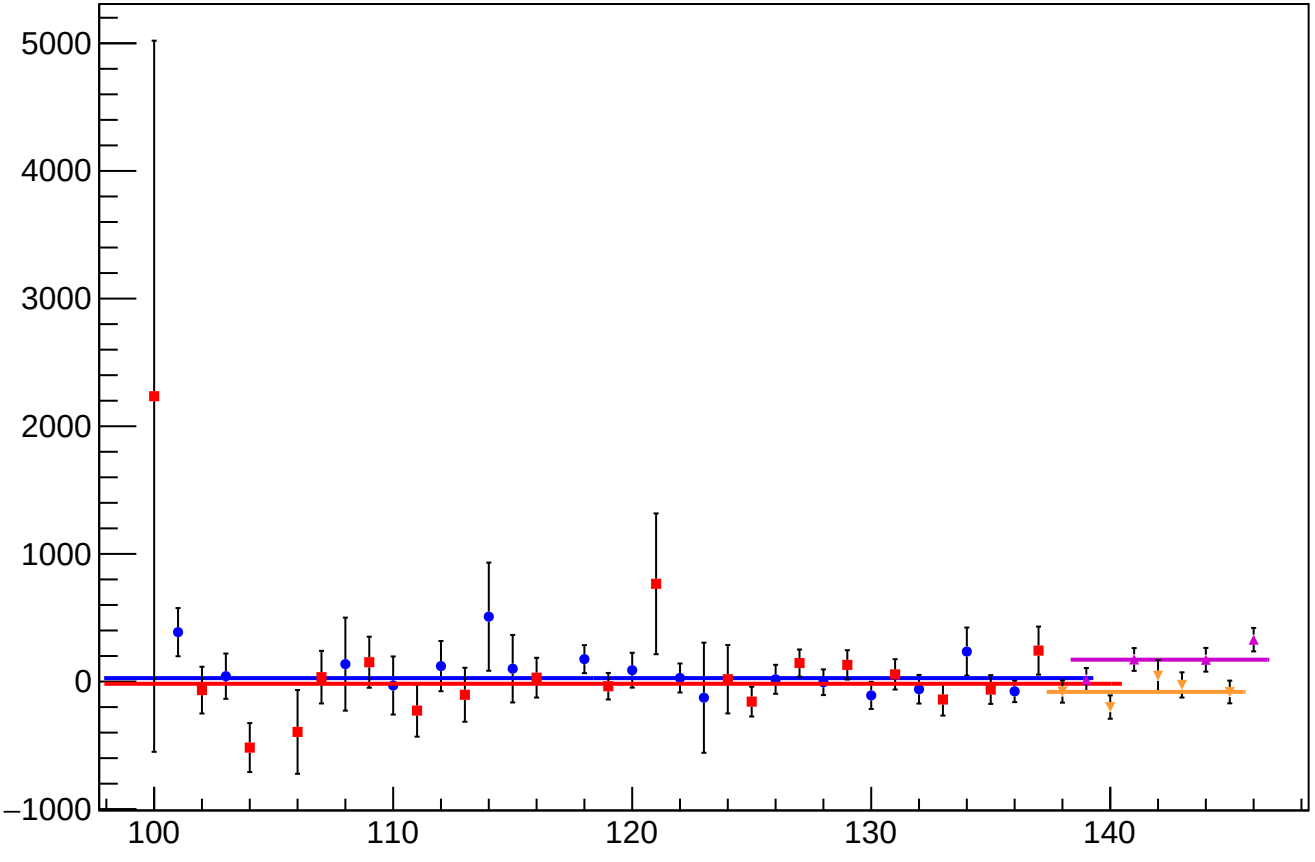
Left In: 8845.704+/-3.457 χ^2/NDF:42807.8/3

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

All: 8430.519+/-1.354 χ^2/NDF: 1830481.6/44

- sign 8281.589+/-1.880 χ^2/NDF: 1032935.0/22

dit_asym_sam1_mean vs Slug



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

Left Out: -80.956+/-42.834 χ^2/NDF:3.0/4

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

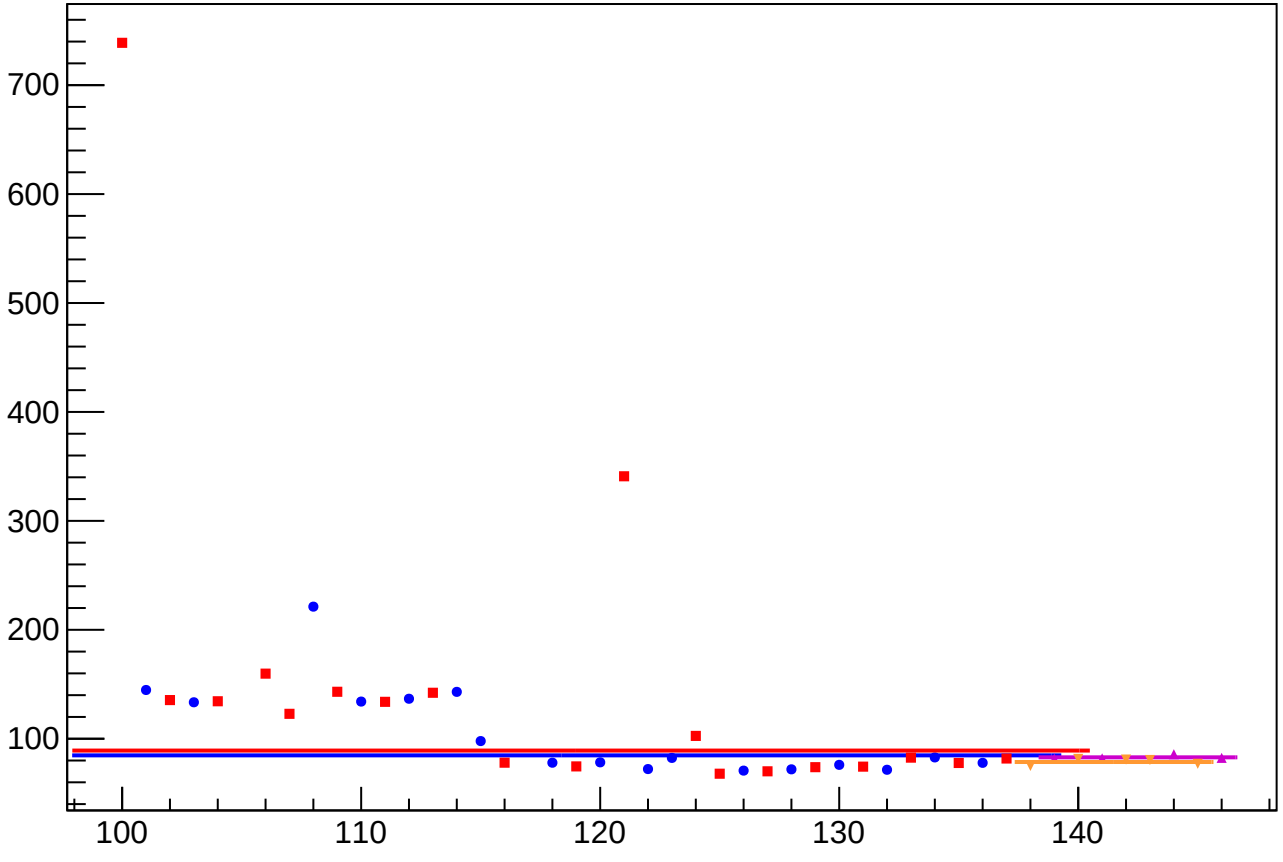
Left In: 171.378+/-45.670 χ^2/NDF:5.9/3

+ sign -14.812+/-26.644 χ^2/NDF: 19.5/21

All: 17.749+/-19.319 χ^2/NDF: 61.0/44

- sign 53.840+/-28.052 χ^2/NDF: 38.3/22

dit_asym_sam1_rms vs Slug



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

Left Out: 78.638+/-0.030 χ^2/NDF:7433.5/4

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

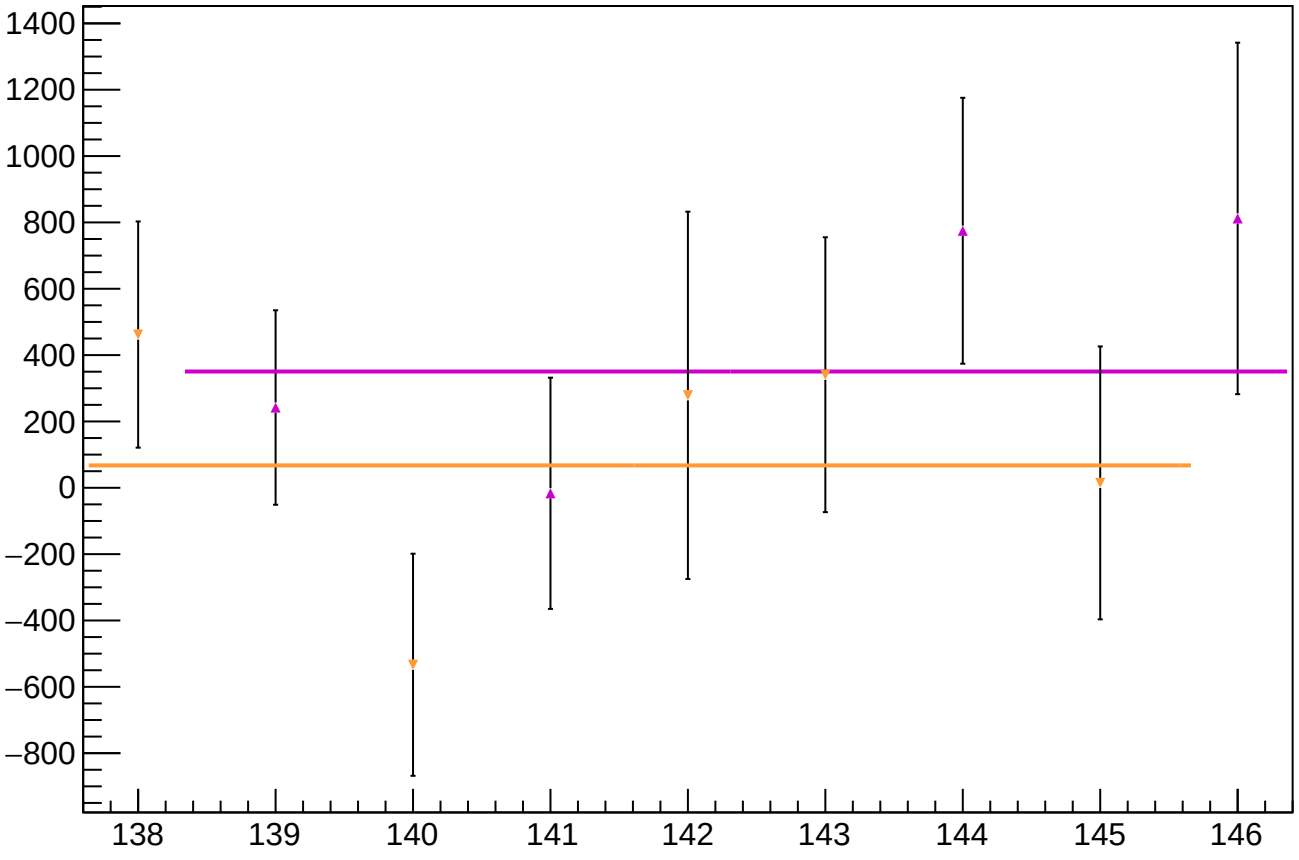
Left In: 82.925+/-0.032 χ^2/NDF:2582.4/3

+ sign 82.377+/-0.019 χ^2/NDF: 1096709.8/21

All: 84.474+/-0.014 χ^2/NDF: 2707749.8/44

- sign 86.797+/-0.020 χ^2/NDF: 1584936.6/22

asym_sam1_correction_mean vs Slug



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

Left Out: 67.485+/-175.339 χ^2/NDF:5.2/4

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

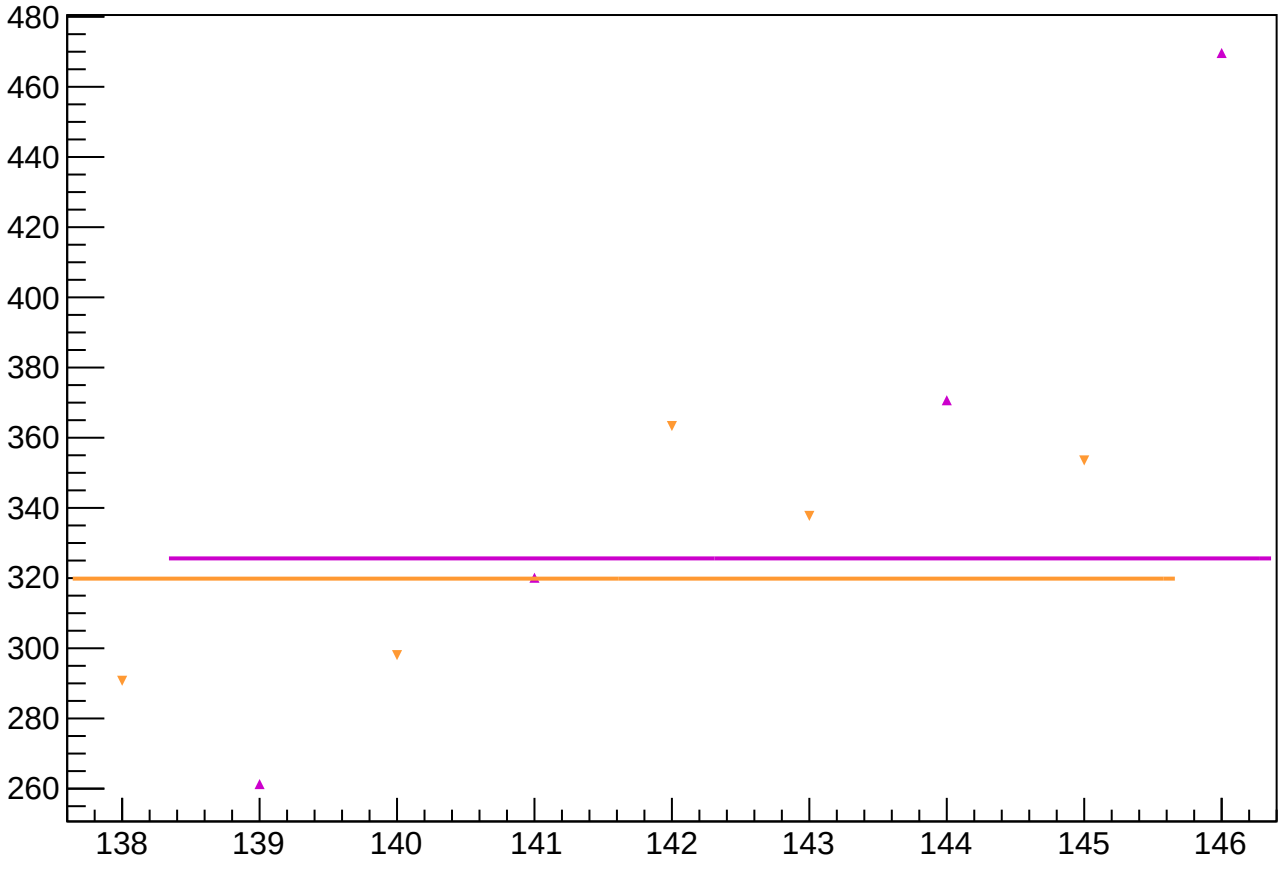
Left In: 350.523+/-183.618 χ^2/NDF:3.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 202.479+/-126.809 χ^2/NDF: 9.5/8

- 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: 319.848+/-0.124 χ^2/NDF:52533.4/4

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

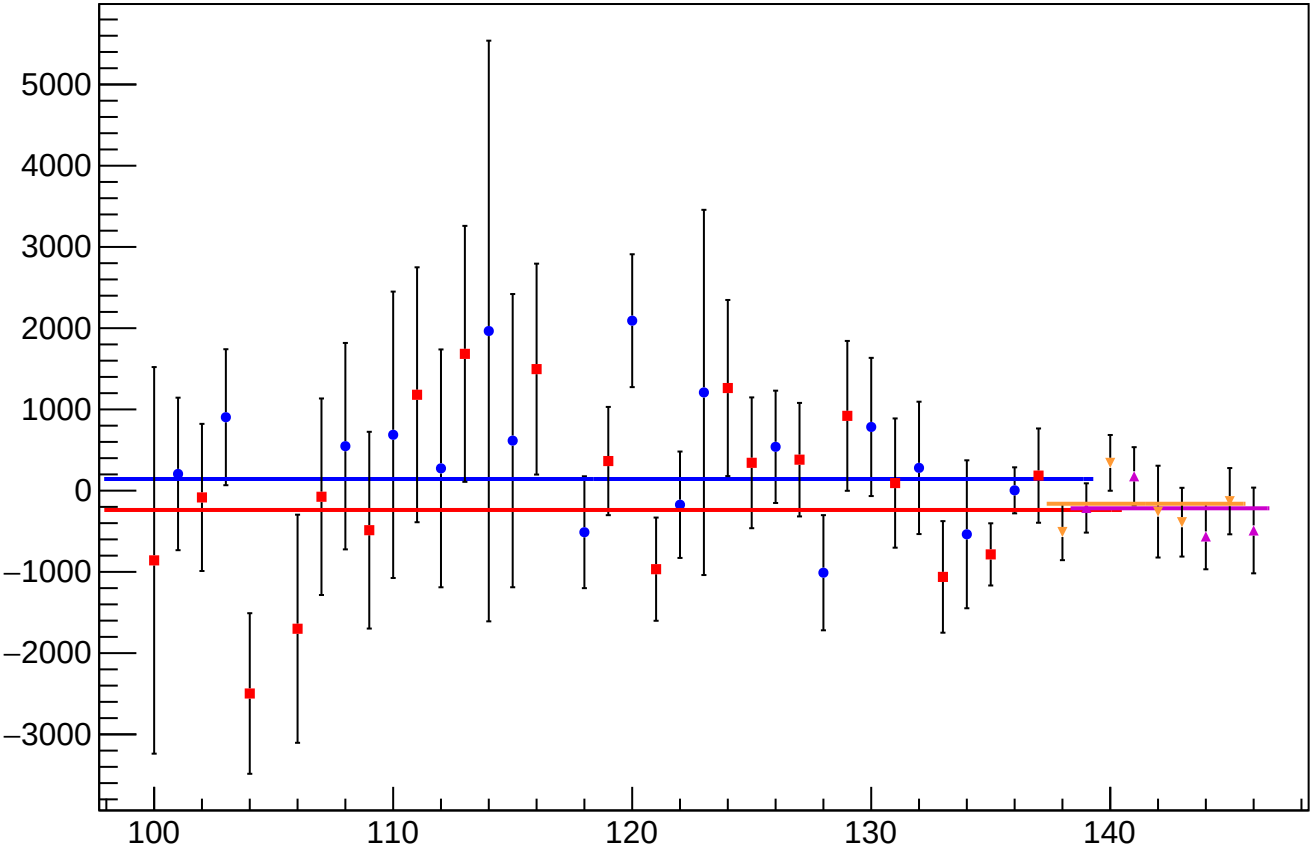
Left In: 325.609+/-0.130 χ^2/NDF:269852.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 322.596+/-0.090 χ^2/NDF: 323415.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_mean vs Slug



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -161.131+/-178.112 χ^2/NDF:3.5/4

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

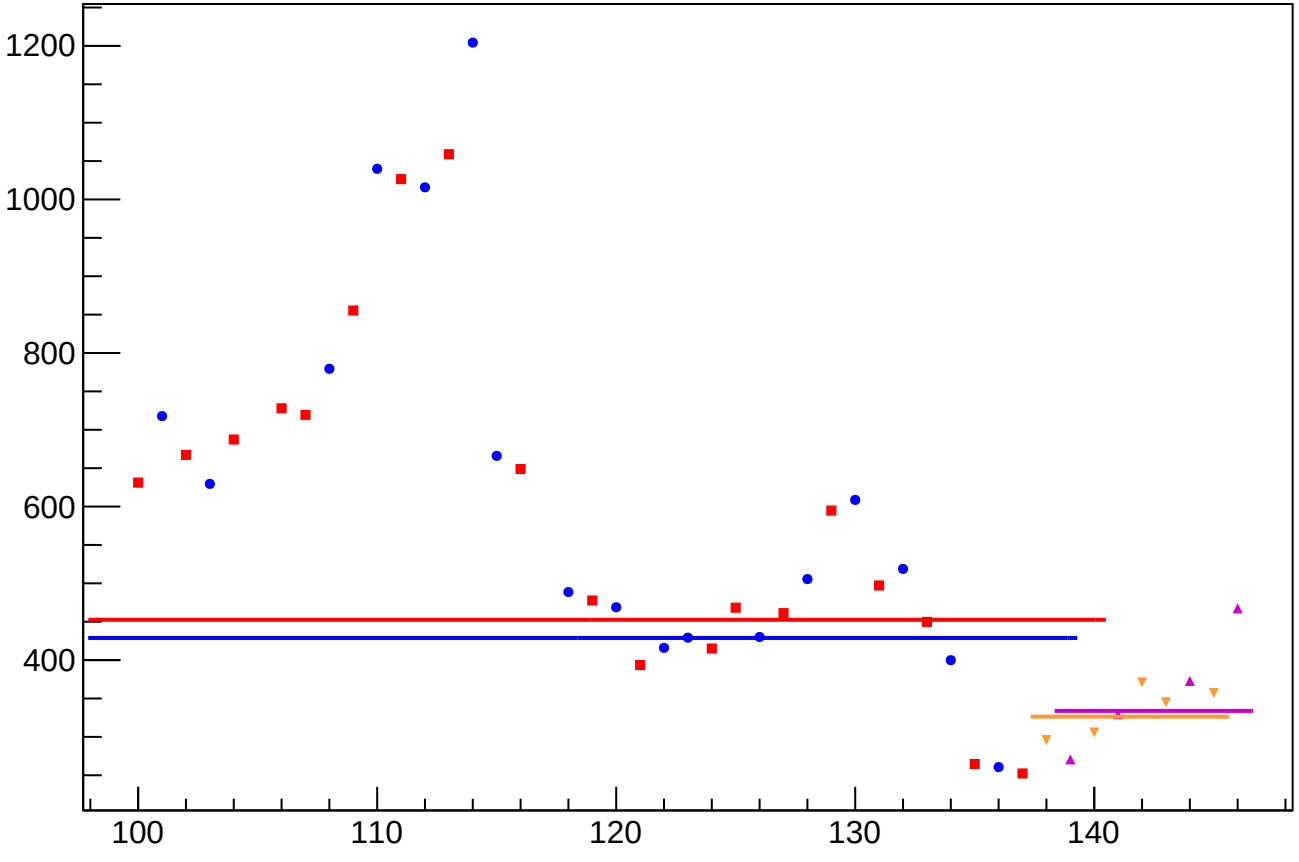
Left In: -217.188+/-187.795 χ^2/NDF:2.2/3

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

All: -114.449+/-91.081 χ^2/NDF: 43.0/44

- sign -227.715+/-131.427 χ^2/NDF: 23.9/22

asym_sam1_rms vs Slug



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

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

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

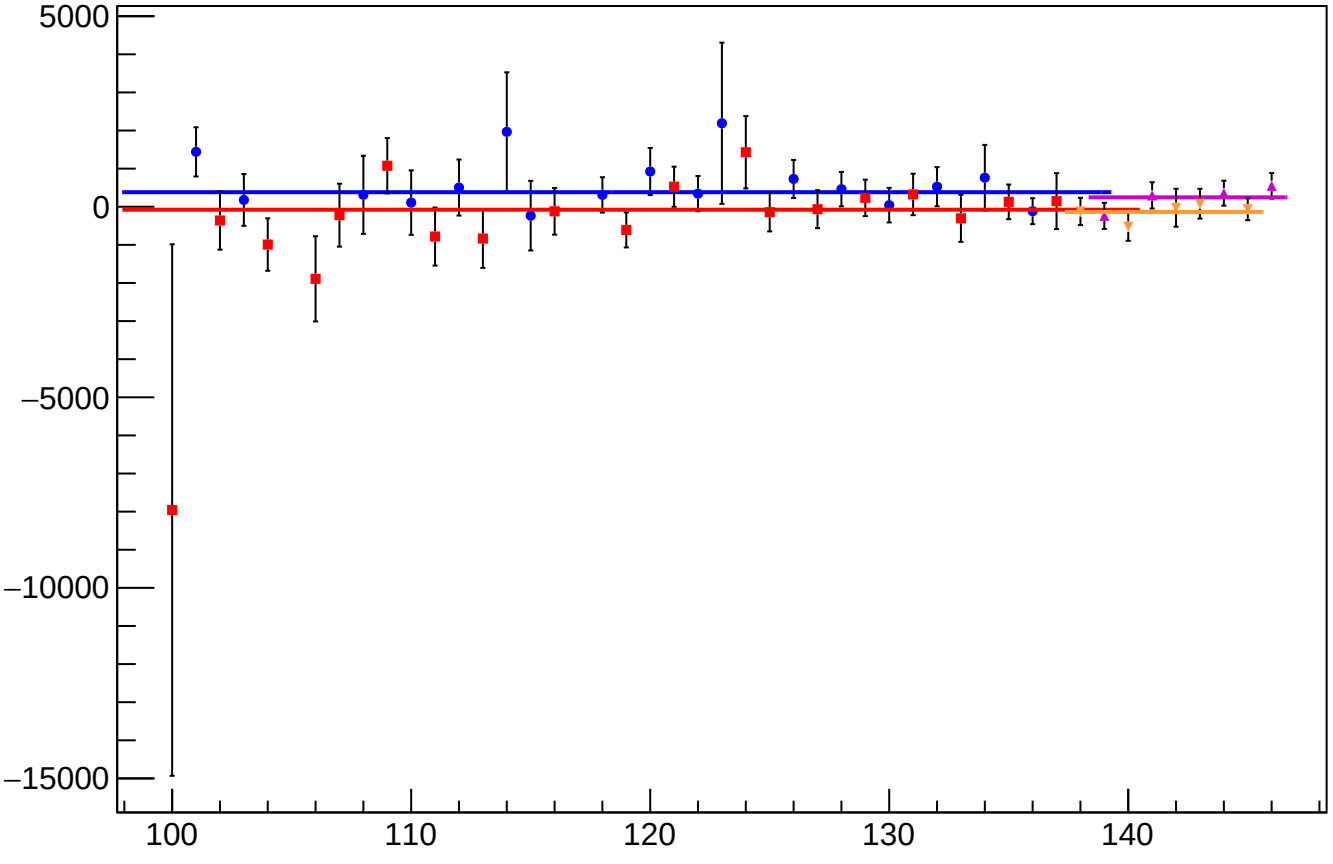
Left In: 333.843+/-0.133 χ^2/NDF:233673.1/3

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

All: 385.494+/-0.064 χ^2/NDF: 5090058.2/44

- sign 394.393+/-0.093 χ^2/NDF: 2680414.4/22

dit_asym_sam2_mean vs Slug



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

Left Out: -135.871+/-163.074 χ^2/NDF:1.5/4

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

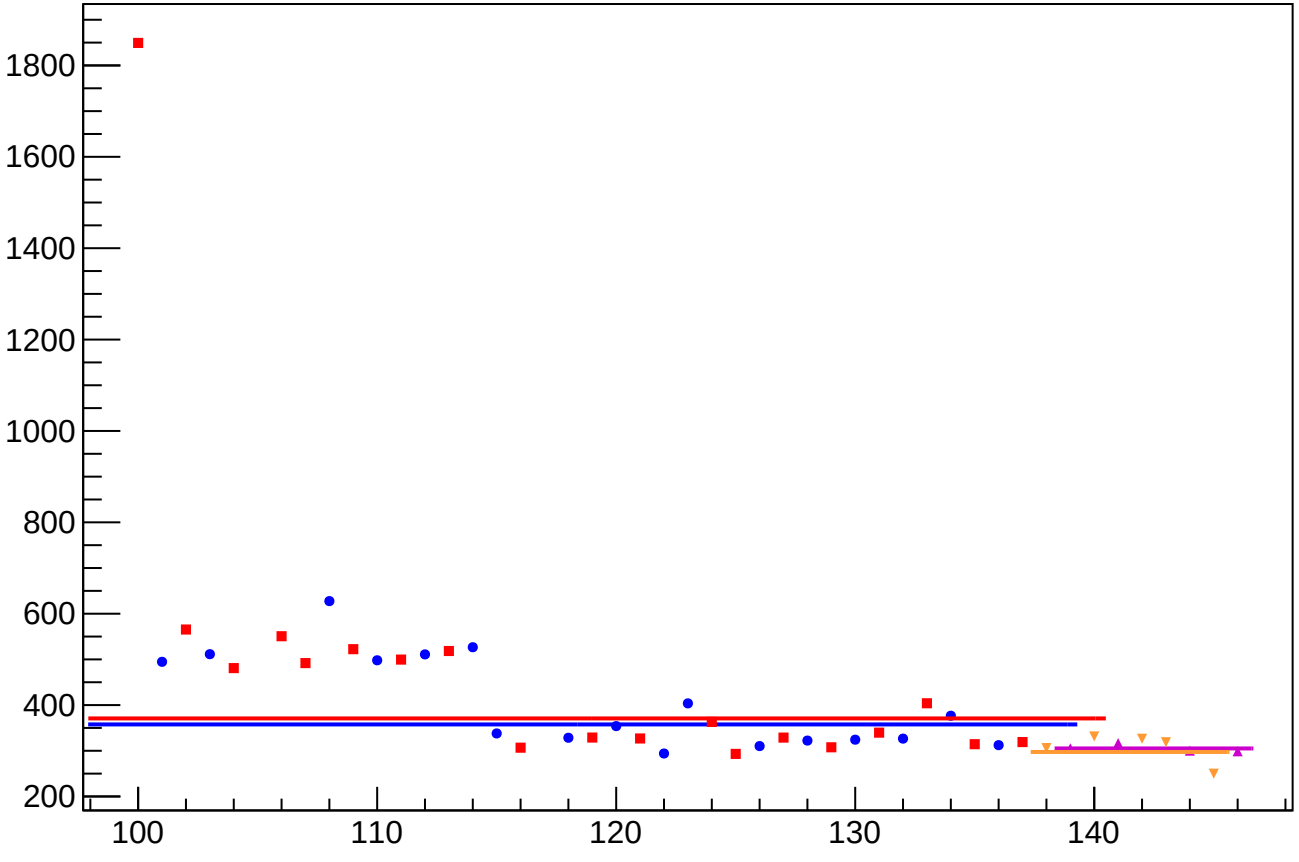
Left In: 246.804+/-168.517 χ^2/NDF:3.0/3

+ sign 160.055+/-106.742 χ^2/NDF: 16.7/21

All: 110.592+/-76.346 χ^2/NDF: 39.0/44

- sign 58.787+/-109.241 χ^2/NDF: 21.9/22

dit_asym_sam2_rms vs Slug



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

Left Out: 297.418+/-0.115 χ^2/NDF:84538.1/4

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

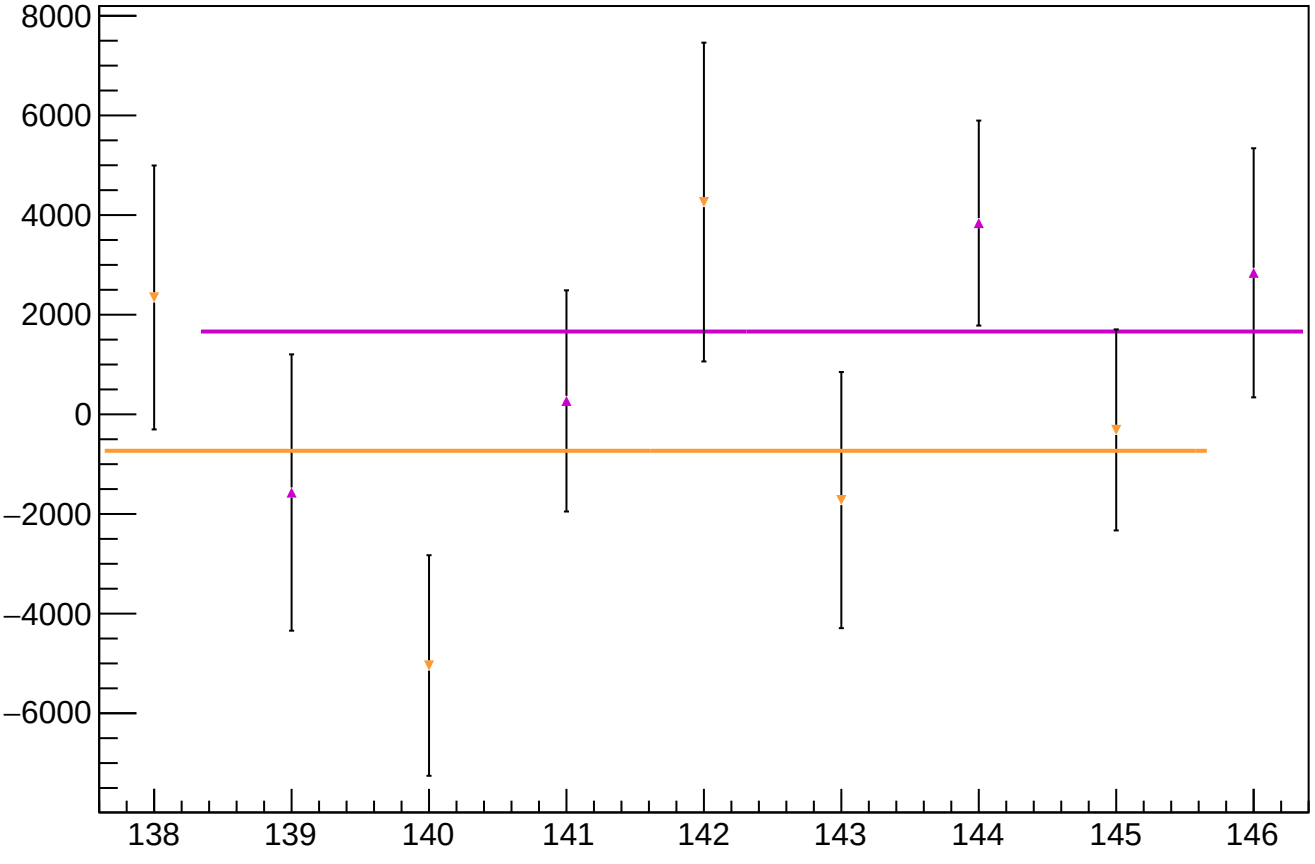
Left In: 305.099+/-0.119 χ^2/NDF:3390.8/3

+ sign 331.852+/-0.075 χ^2/NDF: 870225.1/21

All: 337.388+/-0.054 χ^2/NDF: 1845642.7/44

- sign 343.187+/-0.077 χ^2/NDF: 964401.6/22

asym_sam2_correction_mean vs Slug



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

Left Out: -731.528+/-1090.360 χ^2/NDF:7.8/4

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

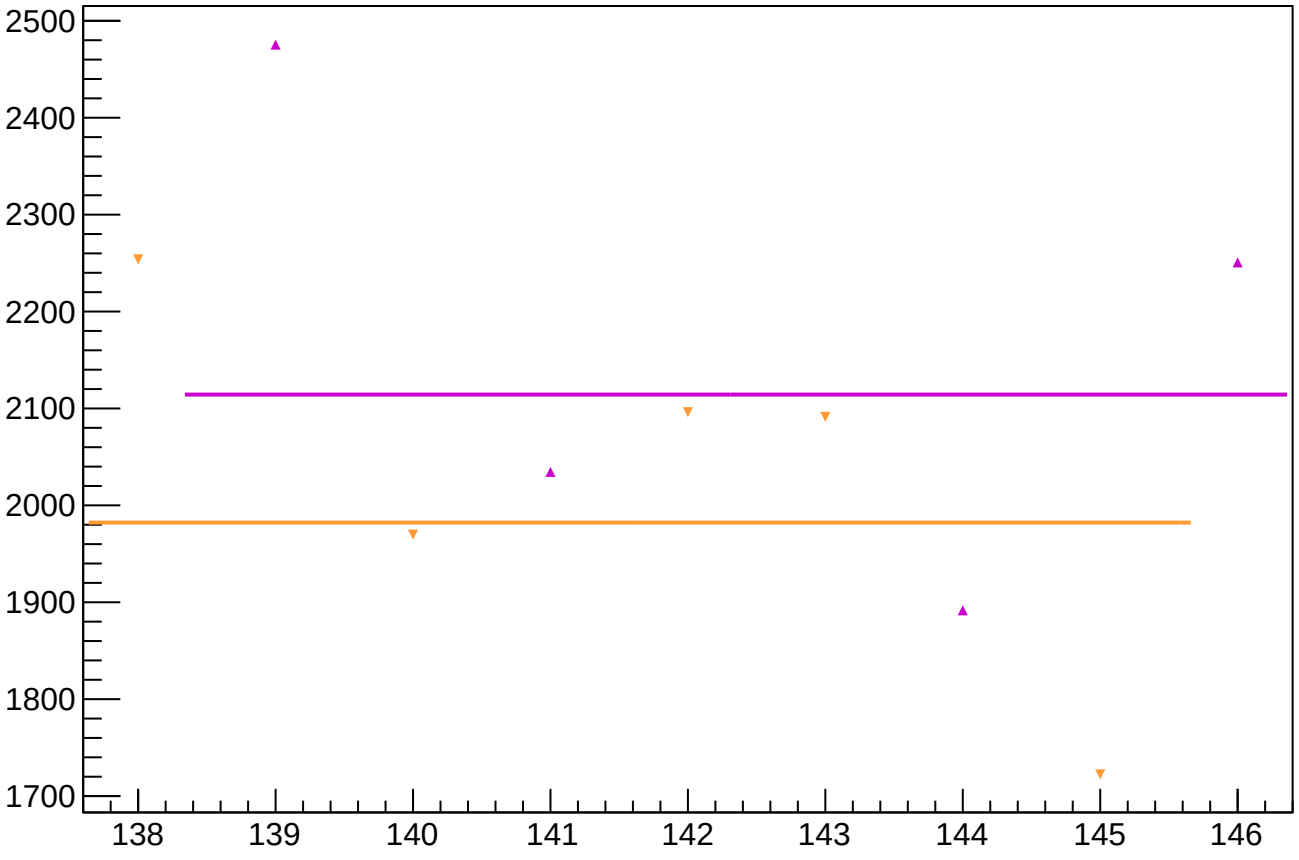
Left In: 1662.498+/-1171.052 χ^2/NDF:3.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 380.169+/-798.004 χ^2/NDF: 13.1/8

- 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: 1982.211+/-0.771 χ^2/NDF:60393.4/4

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

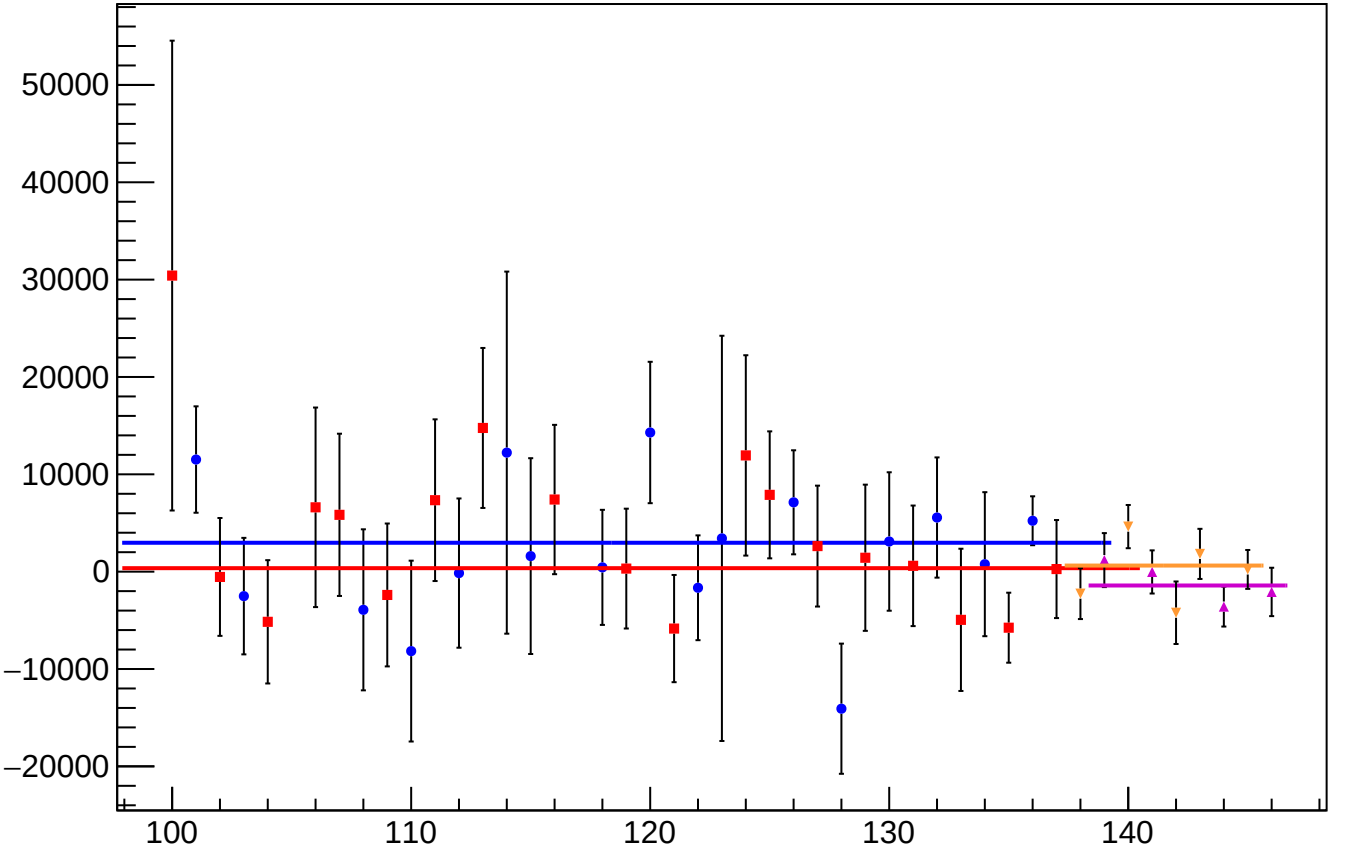
Left In: 2114.326+/-0.828 χ^2/NDF:65878.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2043.560+/-0.564 χ^2/NDF: 139906.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_mean vs Slug



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 627.005+/-1086.164 χ^2/NDF:7.0/4

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

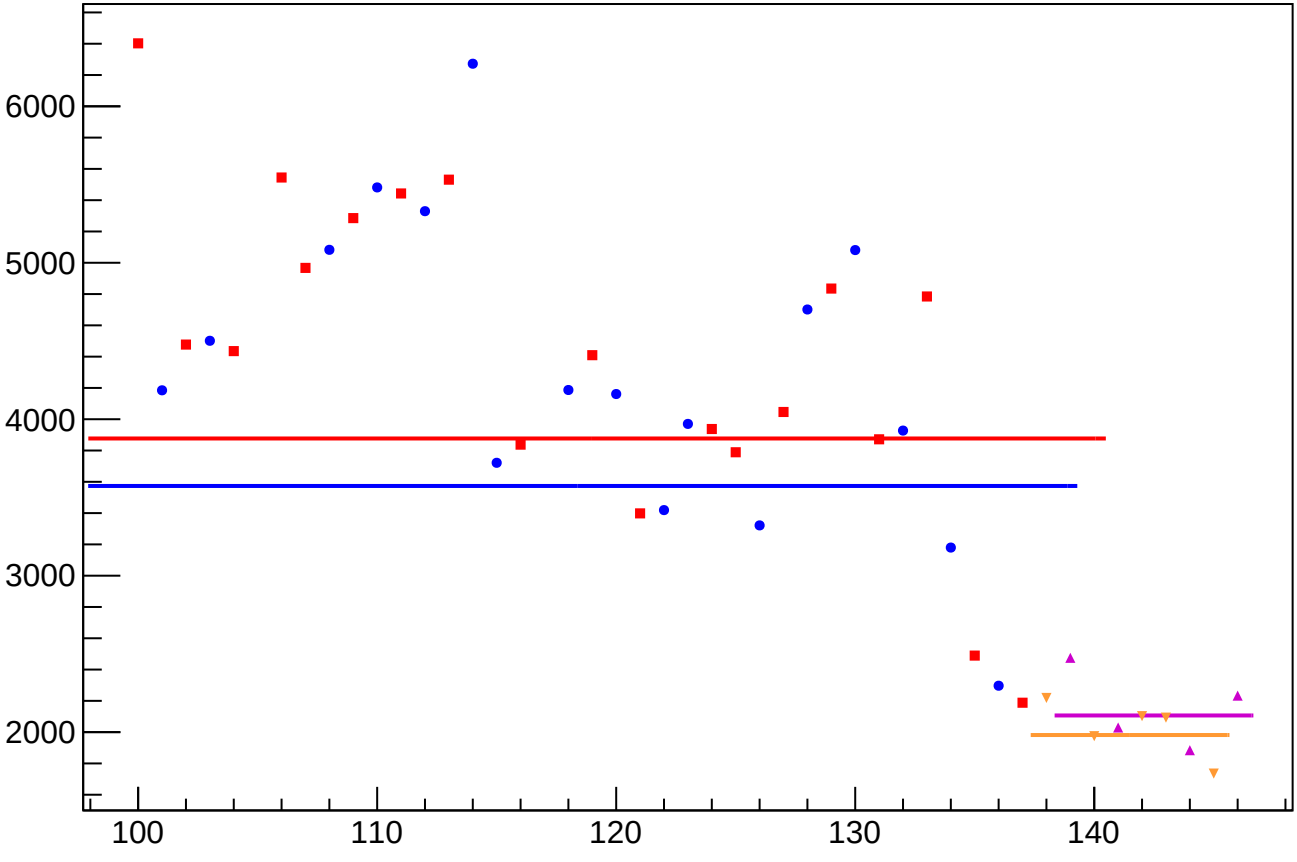
Left In: -1420.943+/-1167.602 χ^2/NDF:2.5/3

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

All: 430.623+/-632.030 χ^2/NDF: 47.9/44

- sign -753.415+/-923.001 χ^2/NDF: 18.7/22

asym_sam2_rms vs Slug



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

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

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

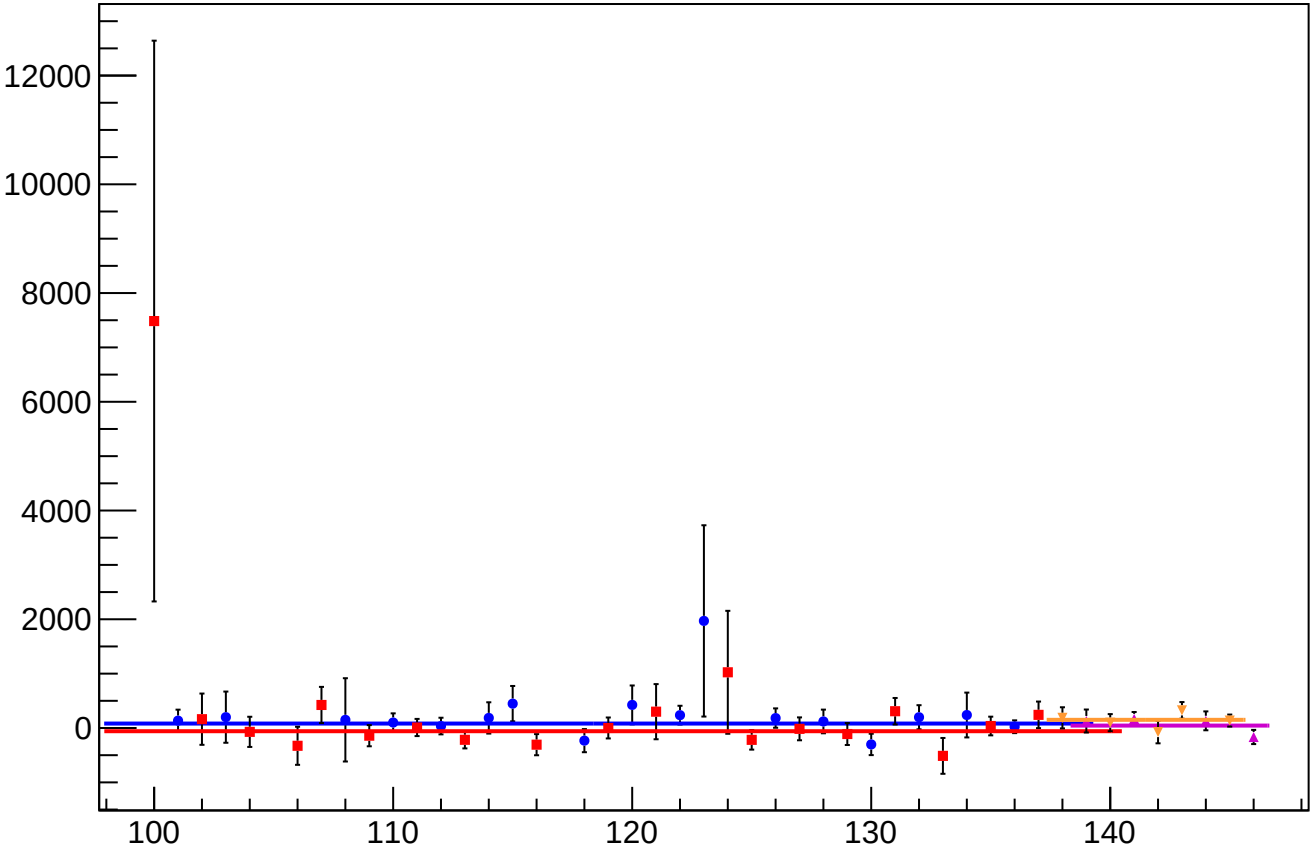
Left In: 2106.595+/-0.826 χ^2/NDF:66398.2/3

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

All: 2658.019+/-0.447 χ^2/NDF: 5534754.1/44

- sign 2770.632+/-0.653 χ^2/NDF: 2779389.7/22

dit_asym_sam3_mean vs Slug



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

Left Out: 150.343+/-68.225 χ^2/NDF:2.6/4

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

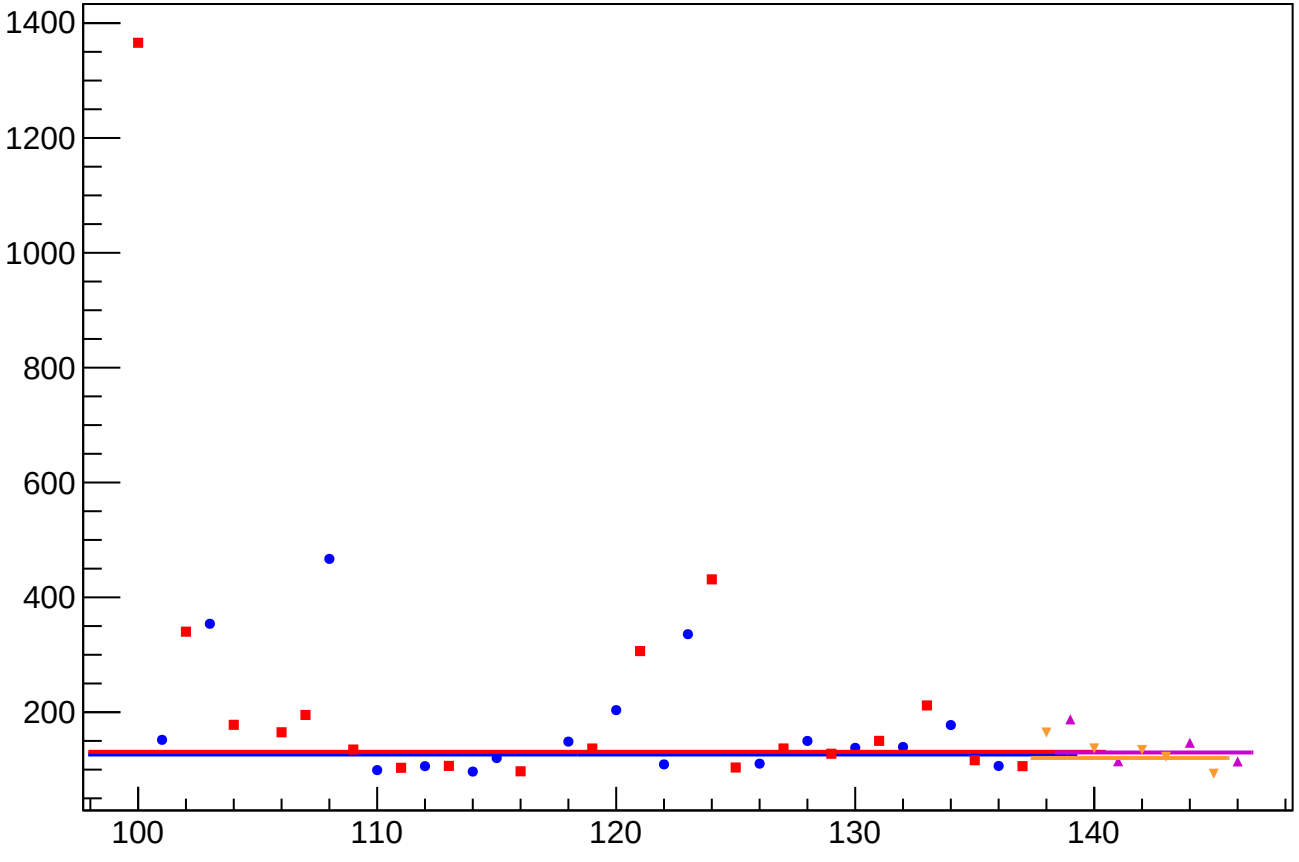
Left In: 44.548+/-75.362 χ^2/NDF:3.9/3

+ sign 106.962+/-41.310 χ^2/NDF: 14.8/21

All: 44.491+/-29.936 χ^2/NDF: 41.2/44

- sign -24.596+/-43.443 χ^2/NDF: 21.6/22

dit_asym_sam3_rms vs Slug



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

Left Out: 120.321+/-0.048 χ^2/NDF:259352.9/4

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

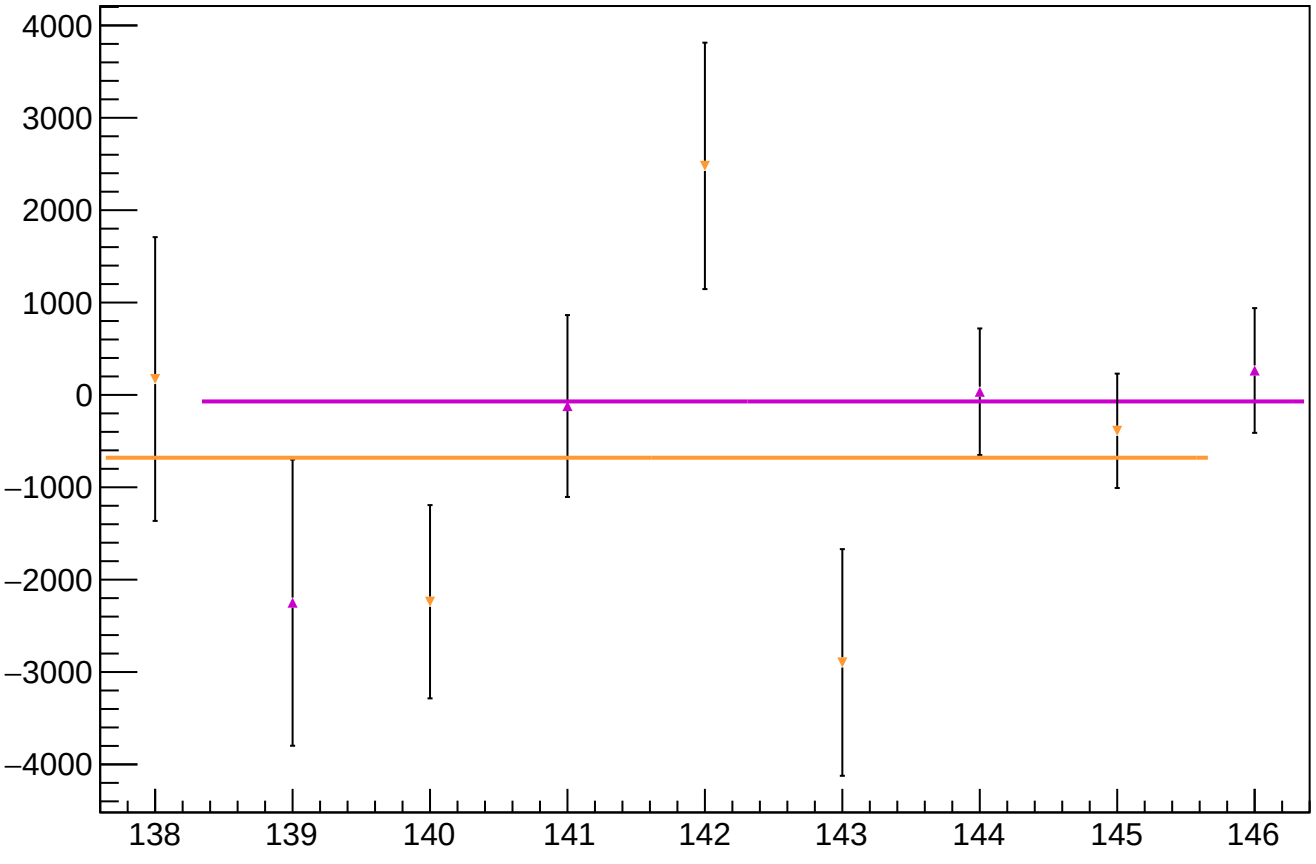
Left In: 129.835+/-0.053 χ^2/NDF:225382.9/3

+ sign 124.133+/-0.029 χ^2/NDF: 1579795.8/21

All: 127.212+/-0.021 χ^2/NDF: 3258165.3/44

- sign 130.617+/-0.031 χ^2/NDF: 1654967.0/22

asym_sam3_correction_mean vs Slug



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

Left Out: -680.003+/-439.686 χ^2/NDF:11.6/4

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

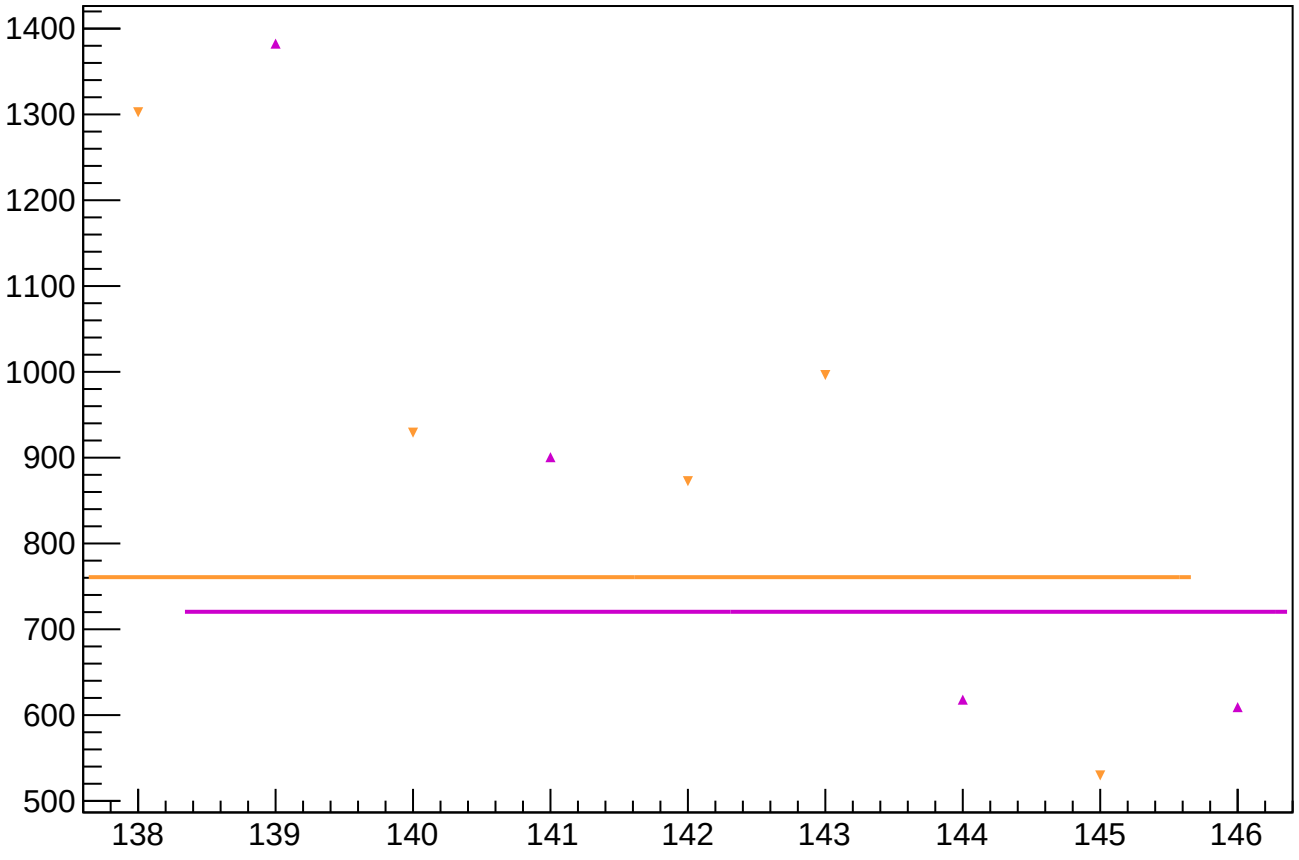
Left In: -70.586+/-416.210 χ^2/NDF:2.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -358.592+/-302.264 χ^2/NDF: 14.9/8

- 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: 760.743+/-0.311 χ^2/NDF:666876.6/4

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

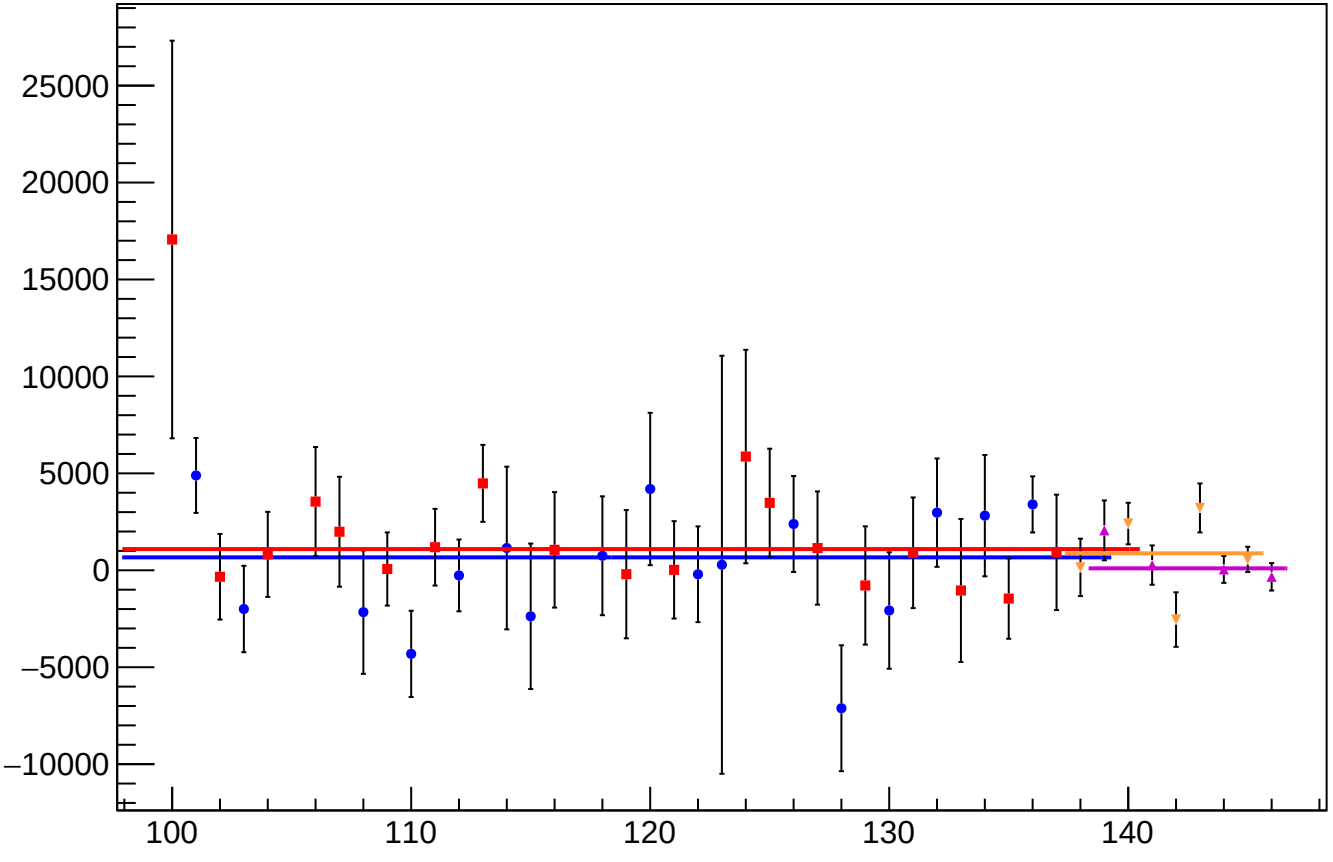
Left In: 720.391+/-0.294 χ^2/NDF:531130.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 739.461+/-0.214 χ^2/NDF: 1206890.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_mean vs Slug



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 875.396+/-455.311 χ^2/NDF:11.9/4

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

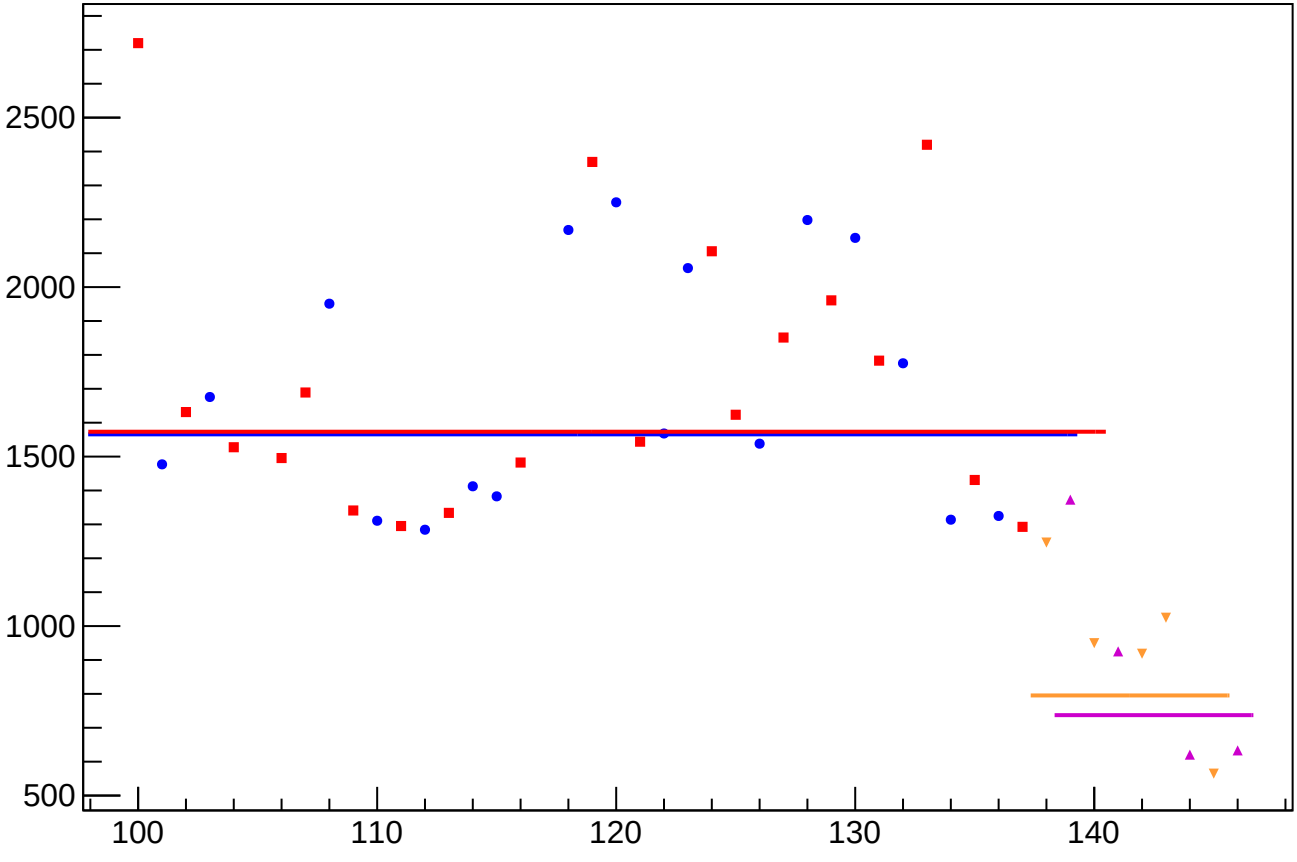
Left In: 99.663+/-427.637 χ^2/NDF:2.0/3

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

All: 608.111+/-252.726 χ^2/NDF: 52.9/44

- sign 432.764+/-348.753 χ^2/NDF: 14.8/22

asym_sam3_rms vs Slug



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

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

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

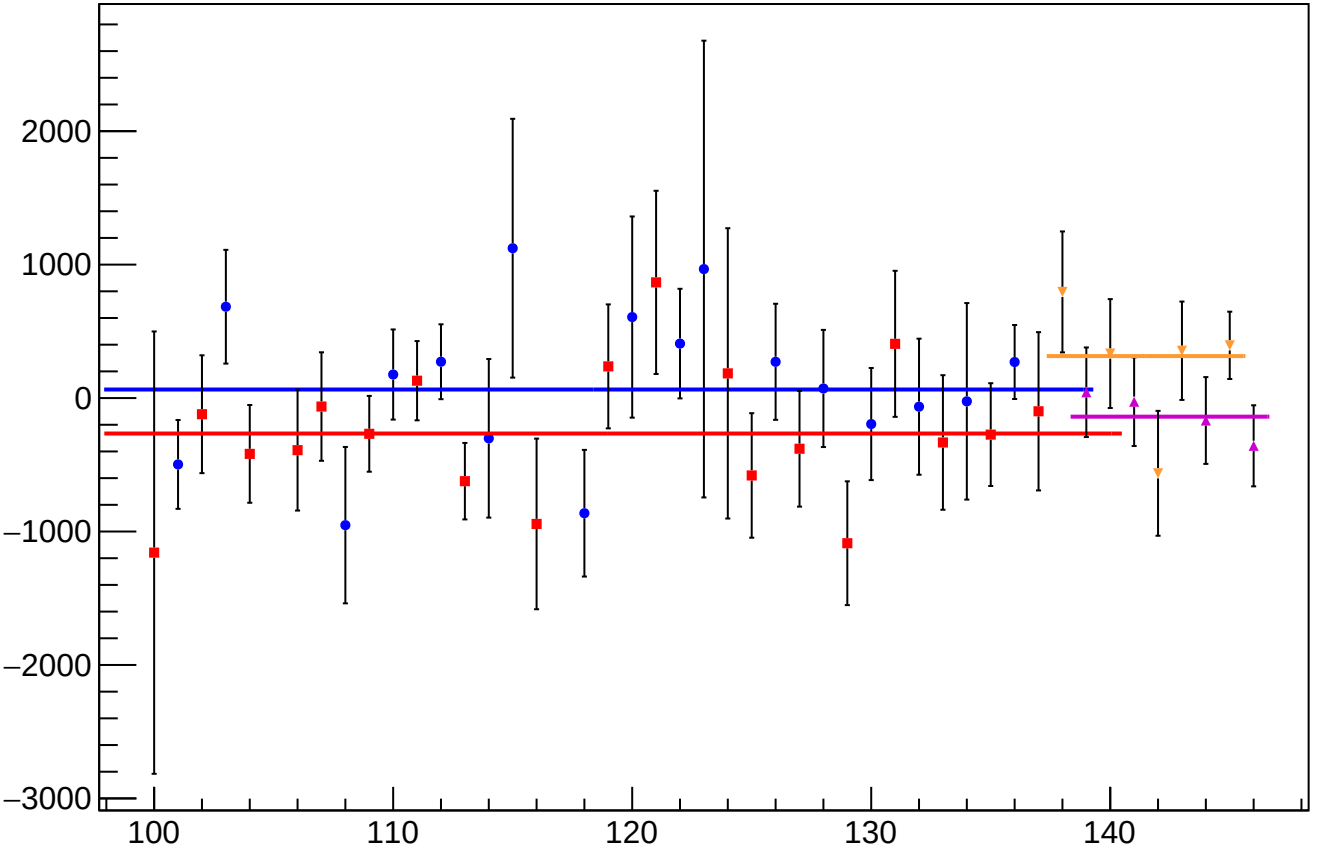
Left In: 737.241+/-0.302 χ^2/NDF:507643.3/3

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

All: 1040.349+/-0.179 χ^2/NDF: 6609923.9/44

- sign 1017.262+/-0.247 χ^2/NDF: 3530282.6/22

dit_asym_sam4_mean vs Slug



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

Left Out: 314.722+/-161.105 χ^2/NDF:4.8/4

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

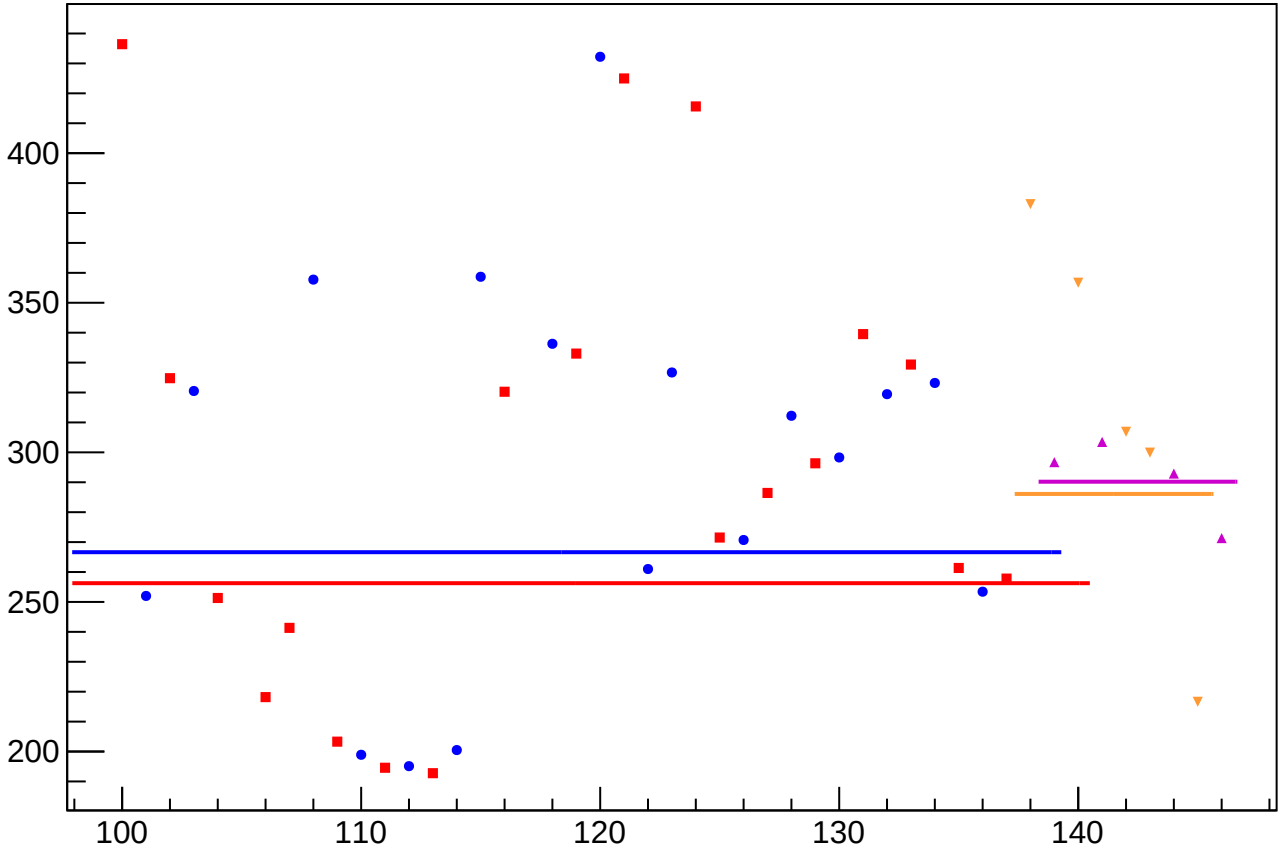
Left In: -139.330+/-161.713 χ^2/NDF:0.9/3

+ sign 139.146+/-88.164 χ^2/NDF: 23.2/21

All: -53.423+/-61.068 χ^2/NDF: 48.4/44

- sign -231.030+/-84.669 χ^2/NDF: 16.1/22

dit_asym_sam4_rms vs Slug



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

Left Out: 286.097+/-0.114 χ^2/NDF:309744.4/4

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

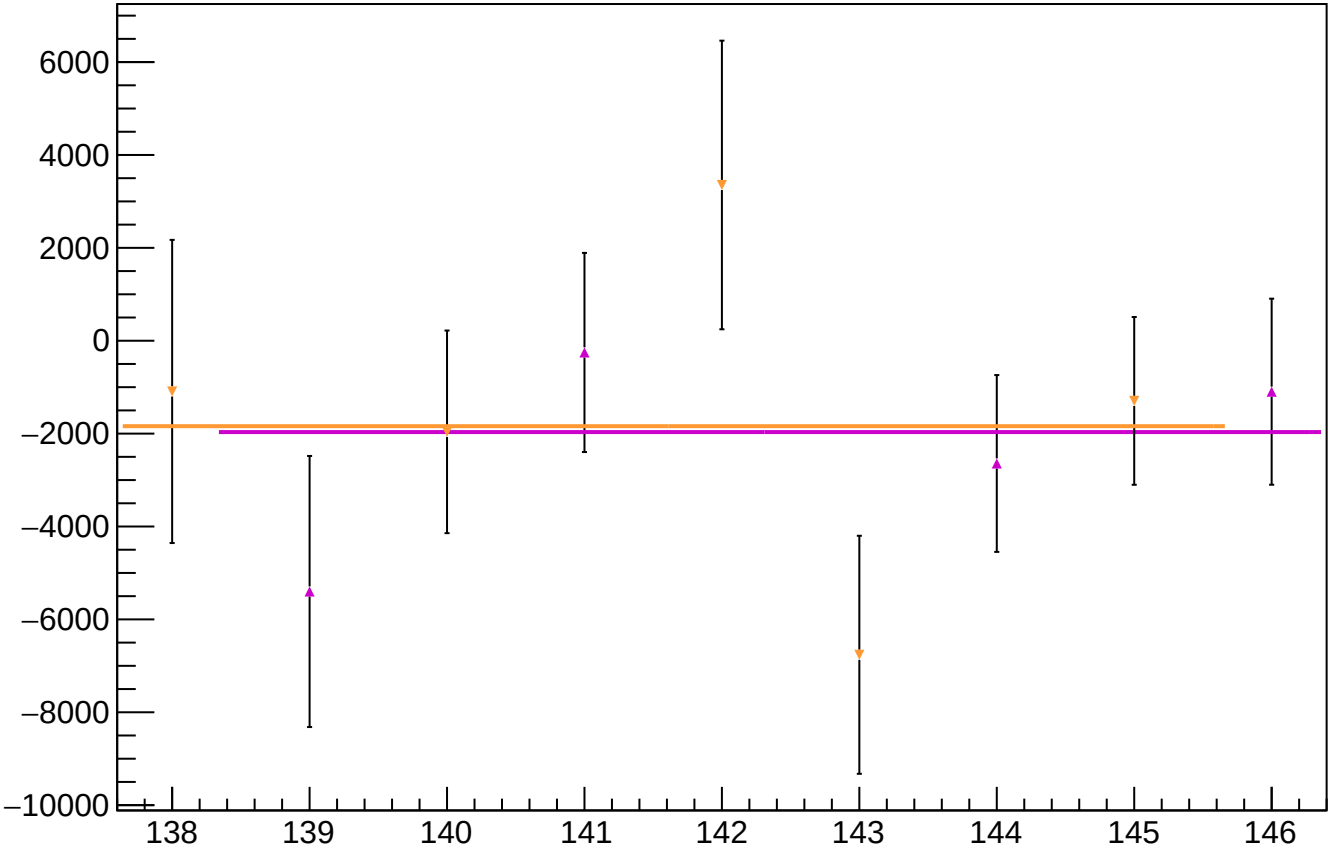
Left In: 290.185+/-0.114 χ^2/NDF:11808.9/3

+ sign 272.456+/-0.062 χ^2/NDF: 880965.4/21

All: 268.872+/-0.043 χ^2/NDF: 1659884.2/44

- sign 265.566+/-0.060 χ^2/NDF: 772564.4/22

asym_sam4_correction_mean vs Slug



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

Left Out: -1839.969+/-1074.362 χ^2/NDF:6.6/4

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

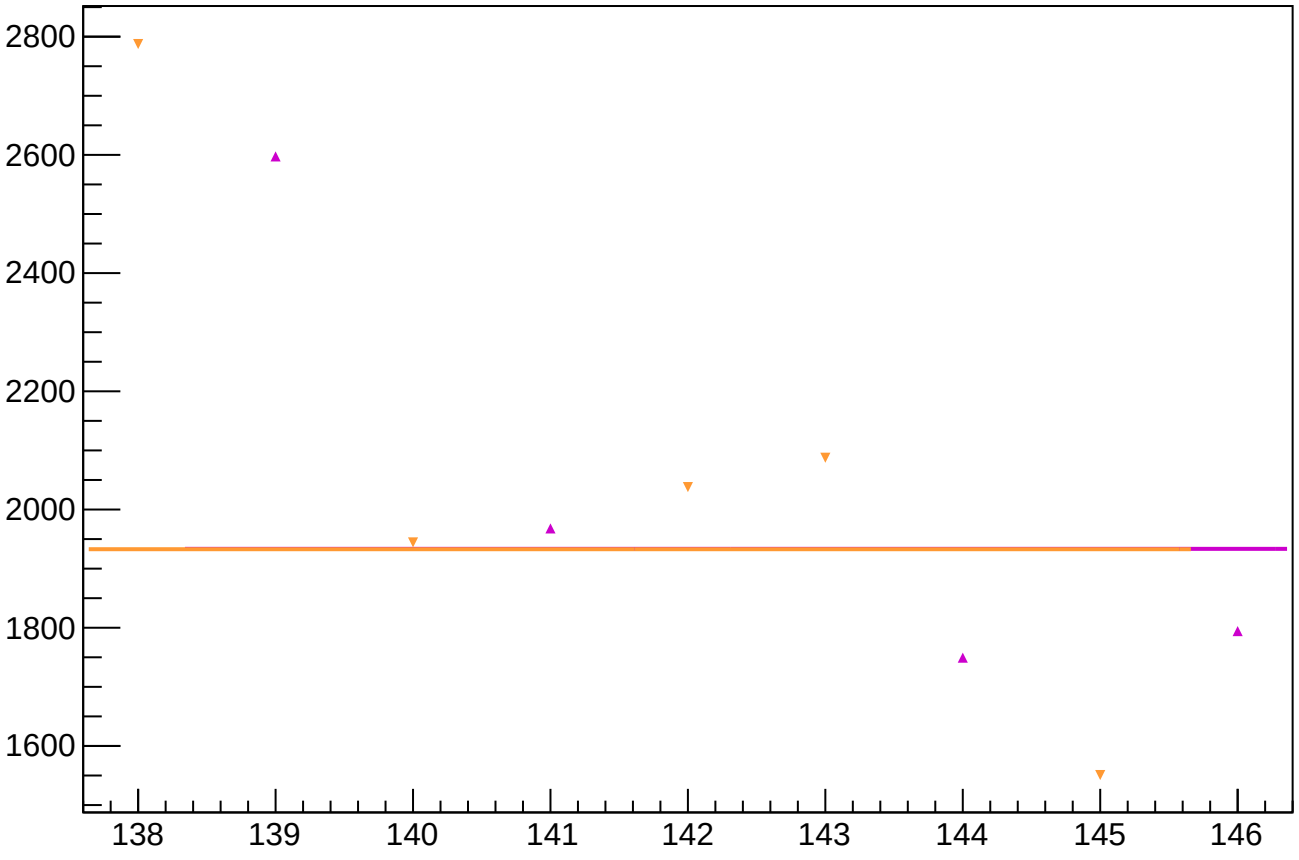
Left In: -1966.762+/-1078.273 χ^2/NDF:2.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1903.135+/-761.067 χ^2/NDF: 9.0/8

- 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: 1932.859+/-0.760 χ^2/NDF:236279.7/4

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

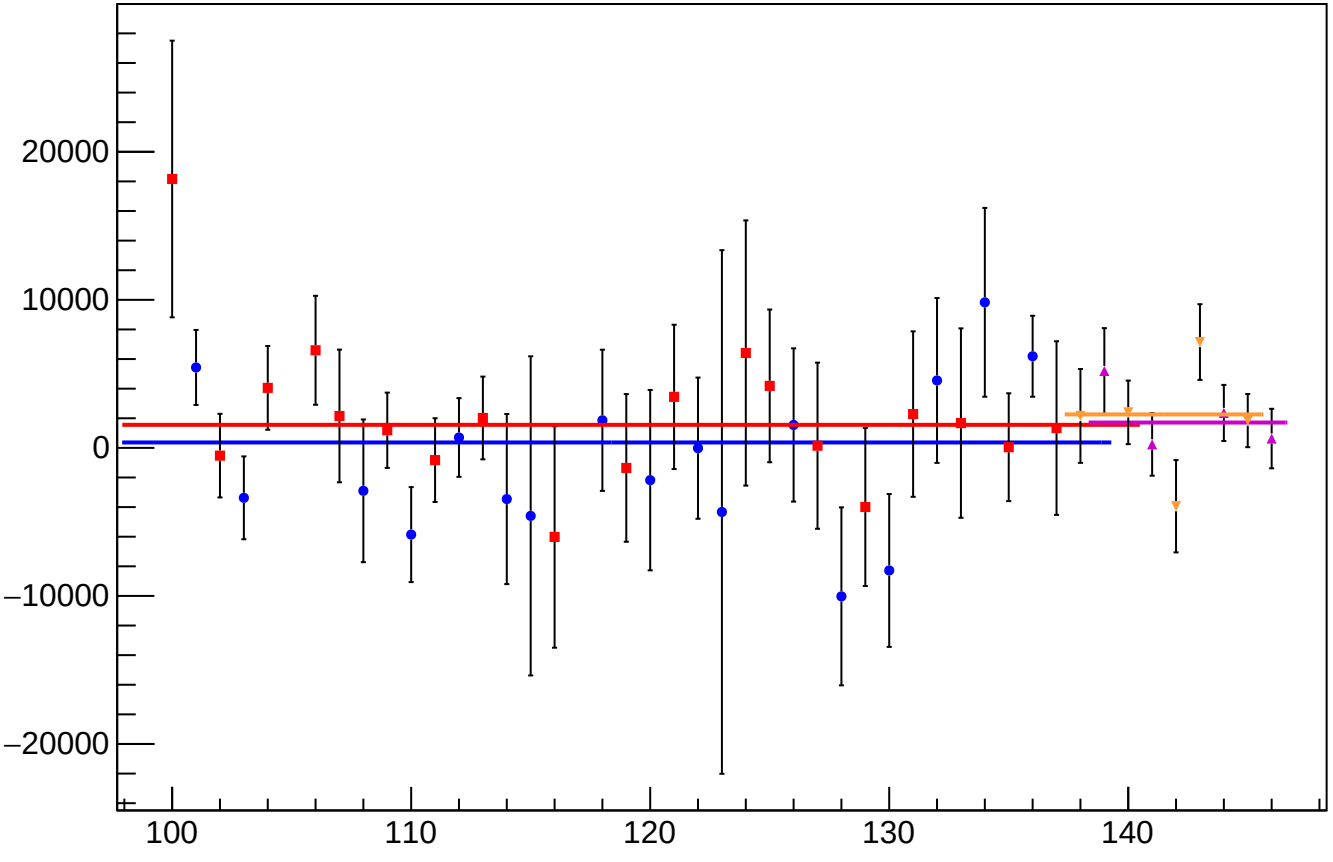
Left In: 1933.470+/-0.762 χ^2/NDF:132384.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1933.163+/-0.538 χ^2/NDF: 368664.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_mean vs Slug



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 2260.679+/-1064.409 χ^2/NDF:7.7/4

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

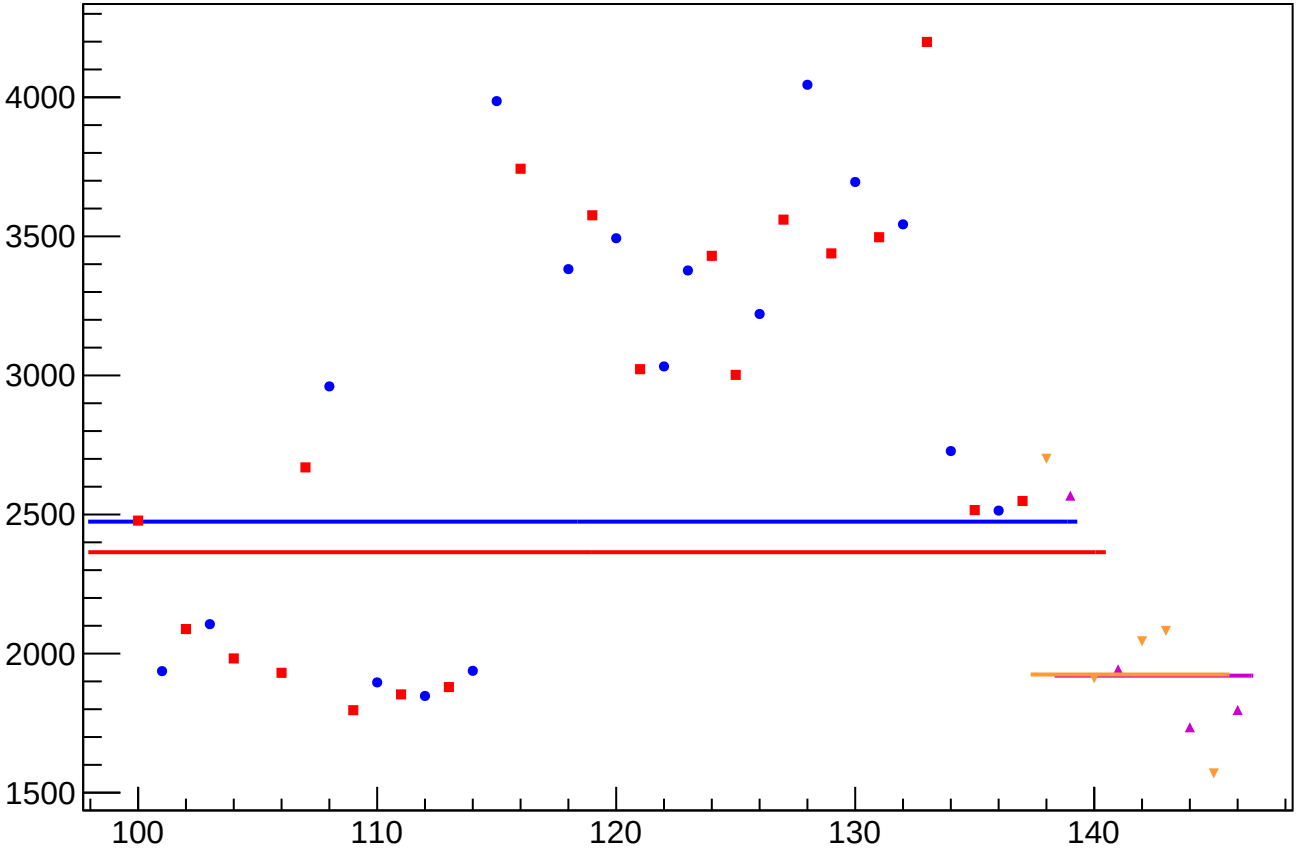
Left In: 1712.406+/-1073.115 χ^2/NDF:2.3/3

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

All: 1442.167+/-503.954 χ^2/NDF: 46.6/44

- sign 1623.387+/-700.202 χ^2/NDF: 12.9/22

asym_sam4_rms vs Slug



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

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

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

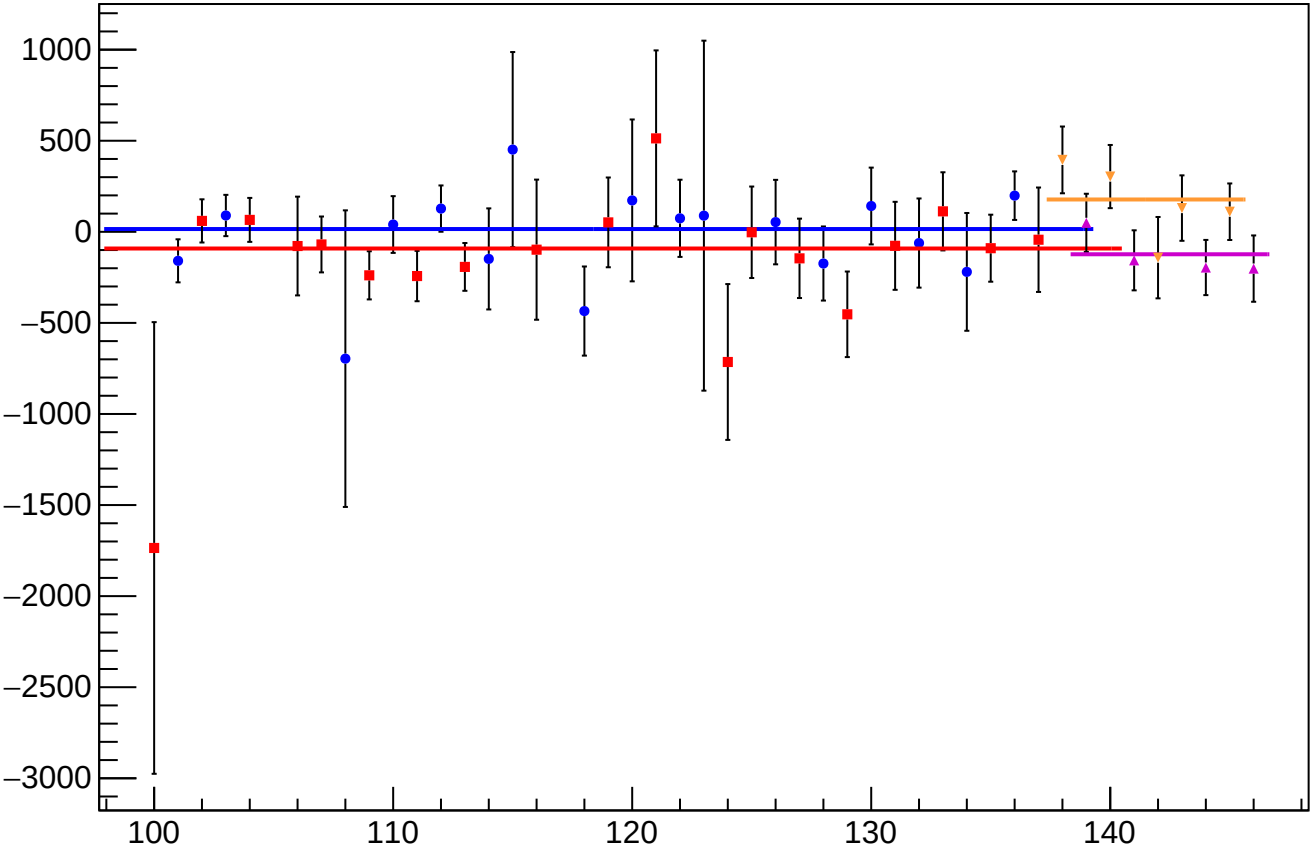
Left In: 1920.742+/-0.759 χ^2/NDF:126908.6/3

+ sign 2218.809+/-0.513 χ^2/NDF: 1400187.1/21

All: 2196.413+/-0.356 χ^2/NDF: 2750575.3/44

- sign 2175.574+/-0.495 χ^2/NDF: 1346712.9/22

dit_asym_sam5_mean vs Slug



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

Left Out: 177.518+/-80.168 χ^2/NDF:4.2/4

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

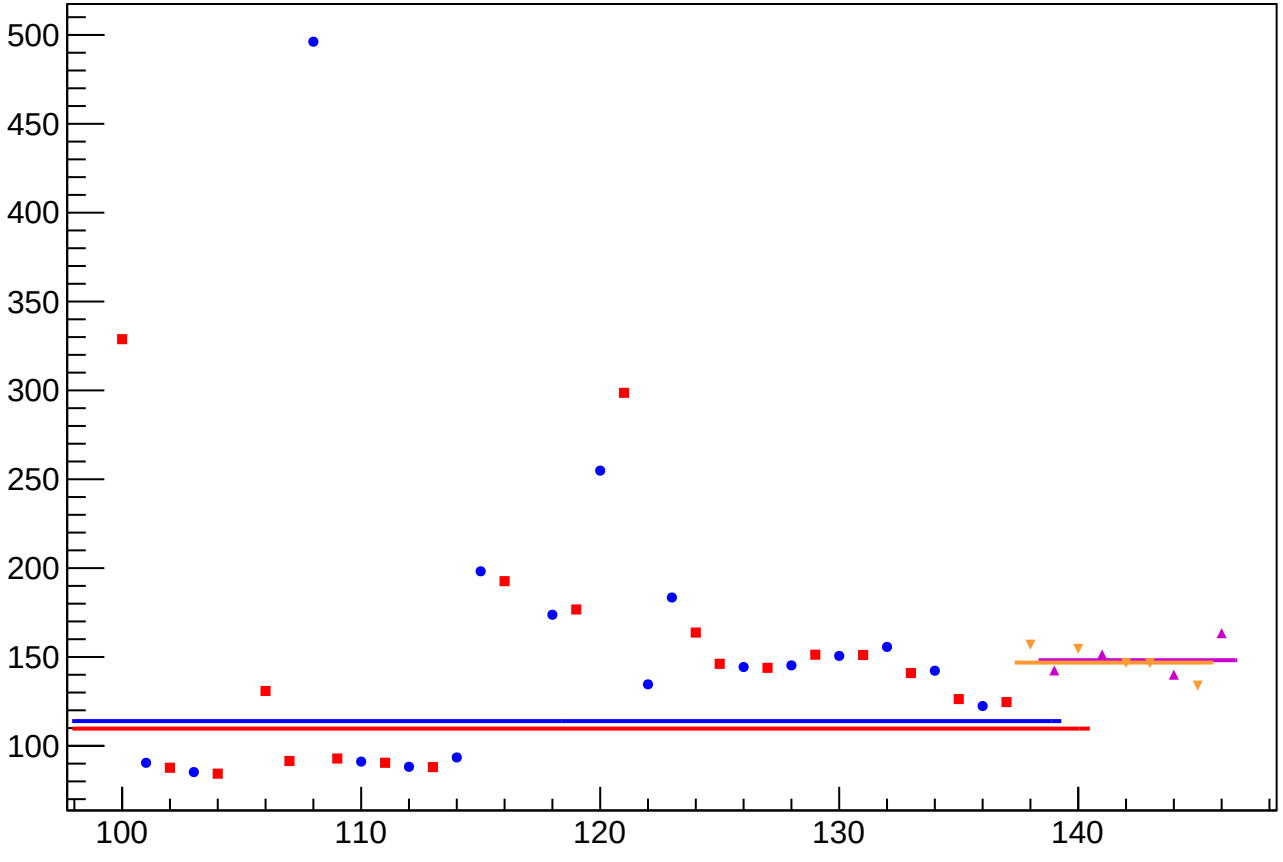
Left In: -123.243+/-81.713 χ^2/NDF:1.6/3

+ sign 56.064+/-40.187 χ^2/NDF: 19.9/21

All: -25.022+/-27.715 χ^2/NDF: 45.0/44

- sign -98.568+/-38.273 χ^2/NDF: 17.4/22

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 146.859+/-0.057 χ^2/NDF:23949.4/4

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

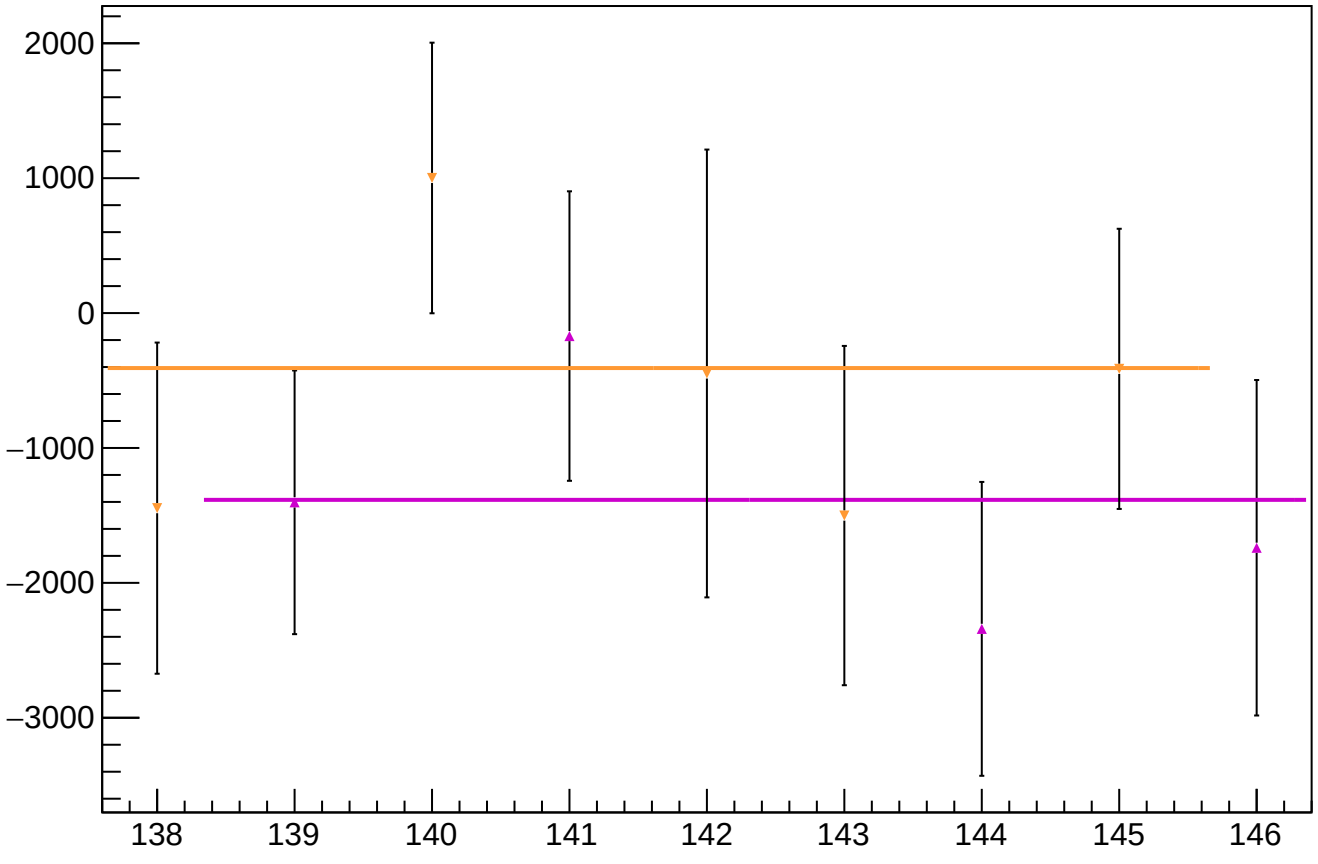
Left In: 148.184+/-0.058 χ^2/NDF:23105.7/3

+ sign 122.206+/-0.028 χ^2/NDF: 1684412.2/21

All: 120.079+/-0.020 χ^2/NDF: 3306338.5/44

- sign 118.150+/-0.027 χ^2/NDF: 1611244.2/22

asym_sam5_correction_mean vs Slug



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

Left Out: -407.618+/-528.490 χ^2/NDF:3.4/4

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

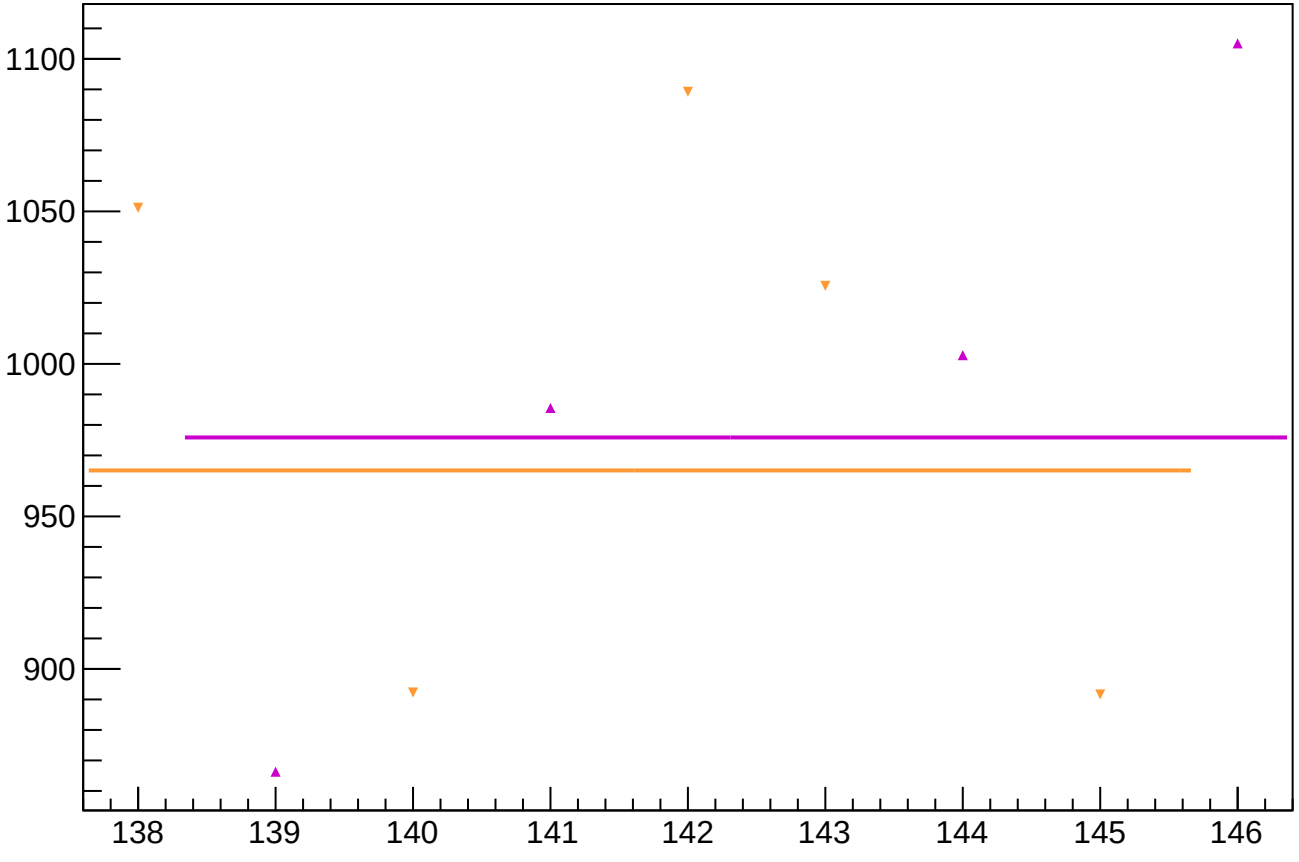
Left In: -1384.642+/-541.933 χ^2/NDF:2.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -883.863+/-378.362 χ^2/NDF: 7.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_correction_rms vs Slug



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

Left Out: 965.075+/-0.374 χ^2/NDF:46203.1/4

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

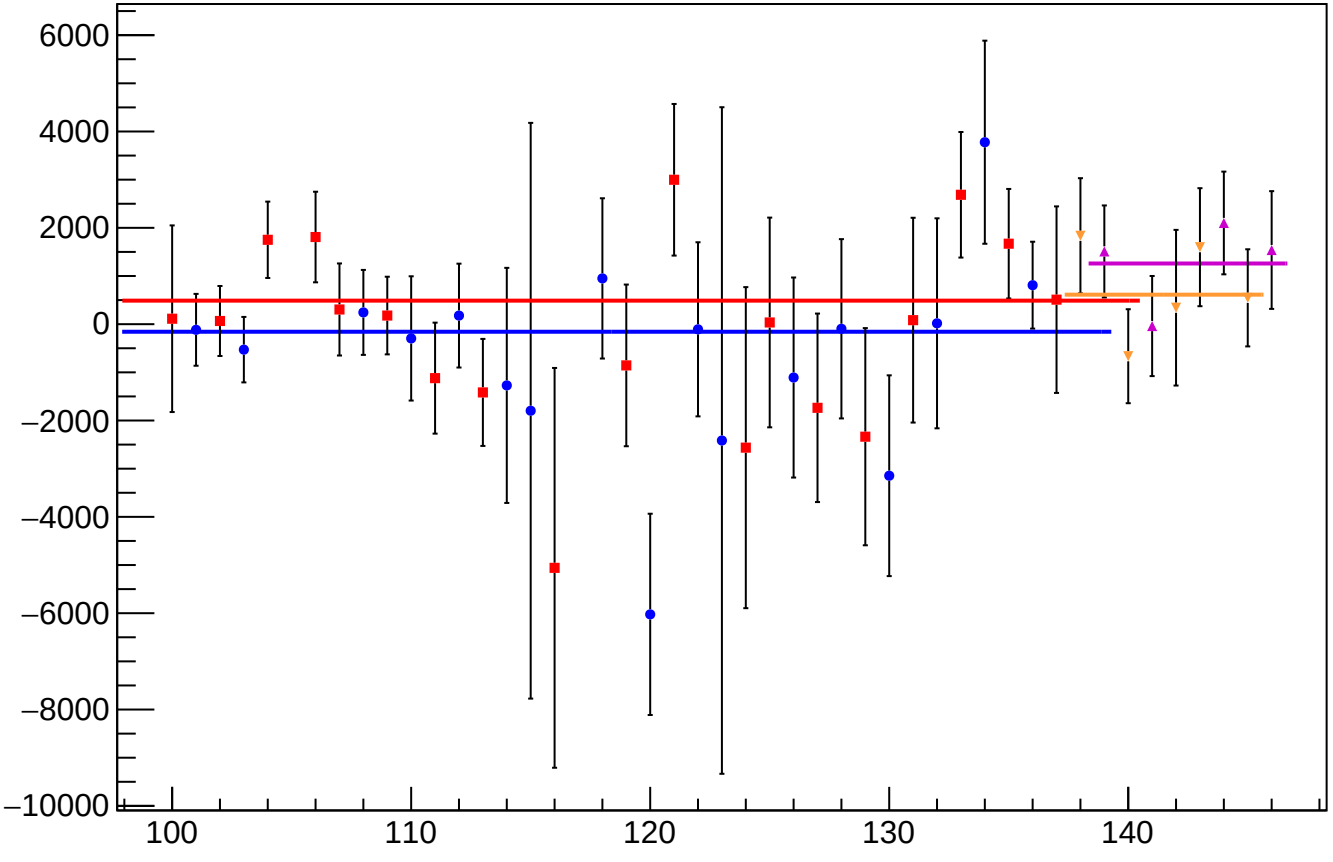
Left In: 975.889+/-0.383 χ^2/NDF:48119.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 970.346+/-0.268 χ^2/NDF: 94730.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_mean vs Slug



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 612.559+/-514.160 χ^2/NDF:3.4/4

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

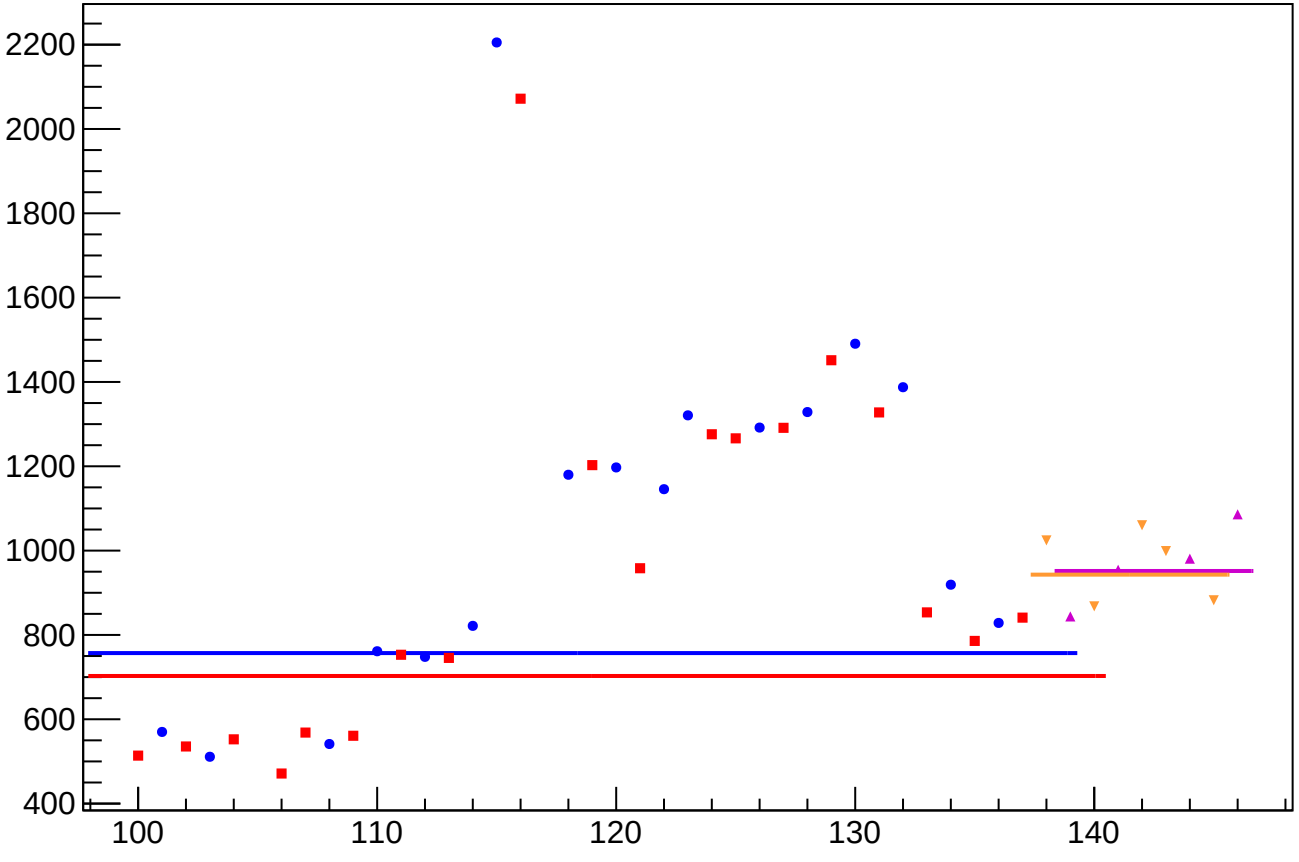
Left In: 1259.858+/-529.036 χ^2/NDF:2.3/3

+ sign 50.463+/-267.044 χ^2/NDF: 21.3/21

All: 376.040+/-182.261 χ^2/NDF: 50.7/44

- sign 659.955+/-249.374 χ^2/NDF: 26.6/22

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 943.011+/-0.364 χ^2/NDF:43056.1/4

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

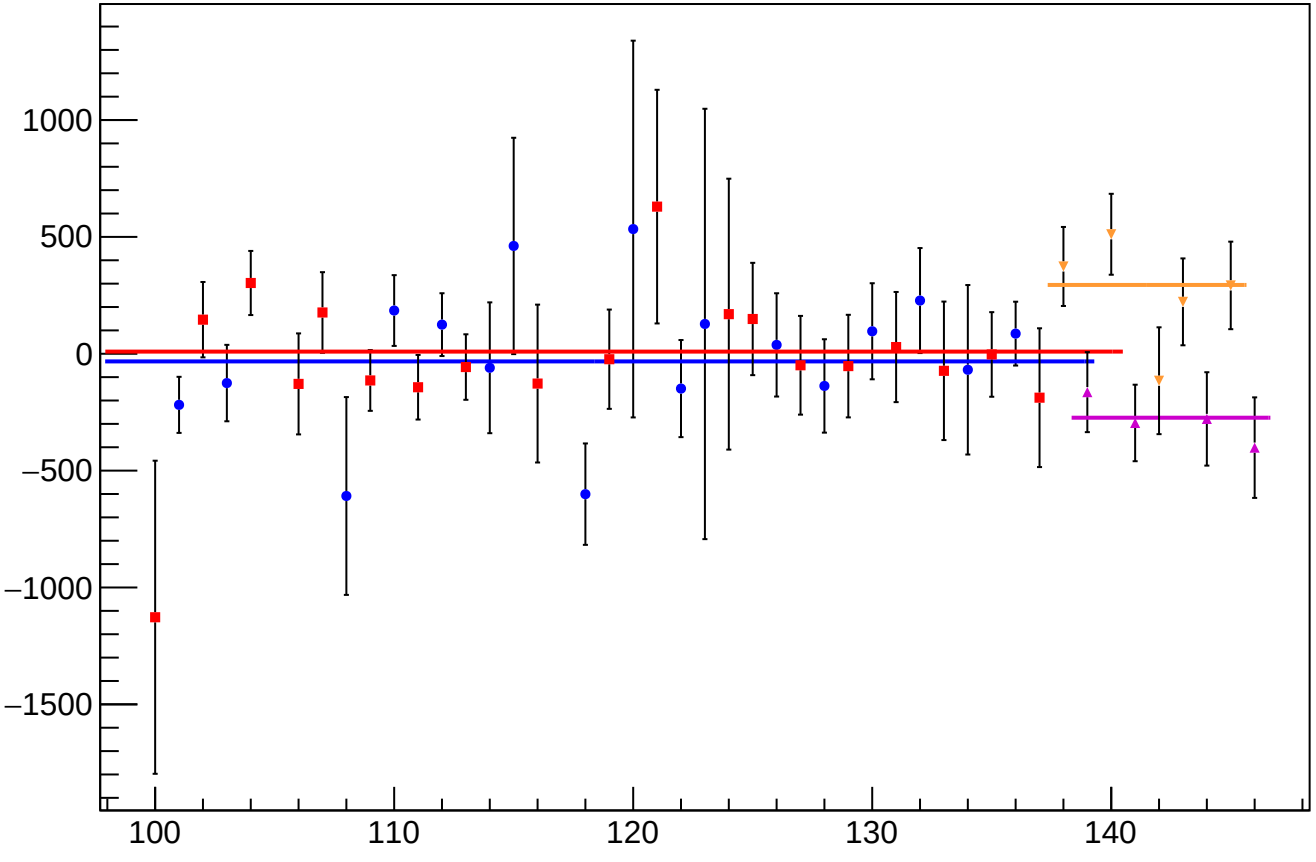
Left In: 951.685+/-0.374 χ^2/NDF:51216.1/3

+ sign 807.167+/-0.189 χ^2/NDF: 1945525.9/21

All: 780.897+/-0.129 χ^2/NDF: 4067245.3/44

- sign 757.989+/-0.176 χ^2/NDF: 2085487.6/22

dit_asym_sam6_mean vs Slug



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 294.453+/-83.060 χ^2/NDF:5.2/4

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

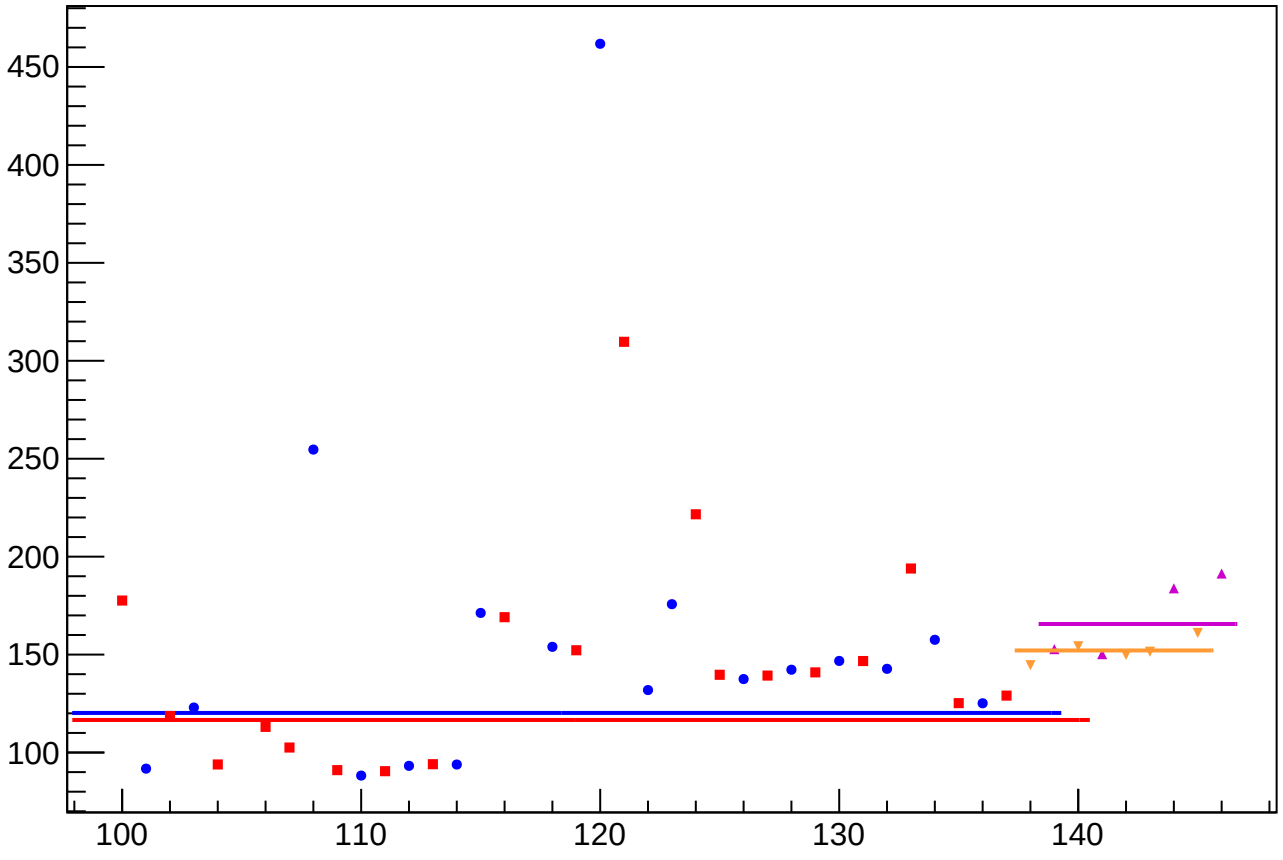
Left In: -273.598+/-92.007 χ^2/NDF:0.8/3

+ sign 50.312+/-41.838 χ^2/NDF: 36.5/21

All: 0.755+/-29.231 χ^2/NDF: 62.3/44

- sign -46.504+/-40.857 χ^2/NDF: 23.1/22

dit_asym_sam6_rms vs Slug



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 152.106+/-0.059 χ^2/NDF:9058.4/4

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

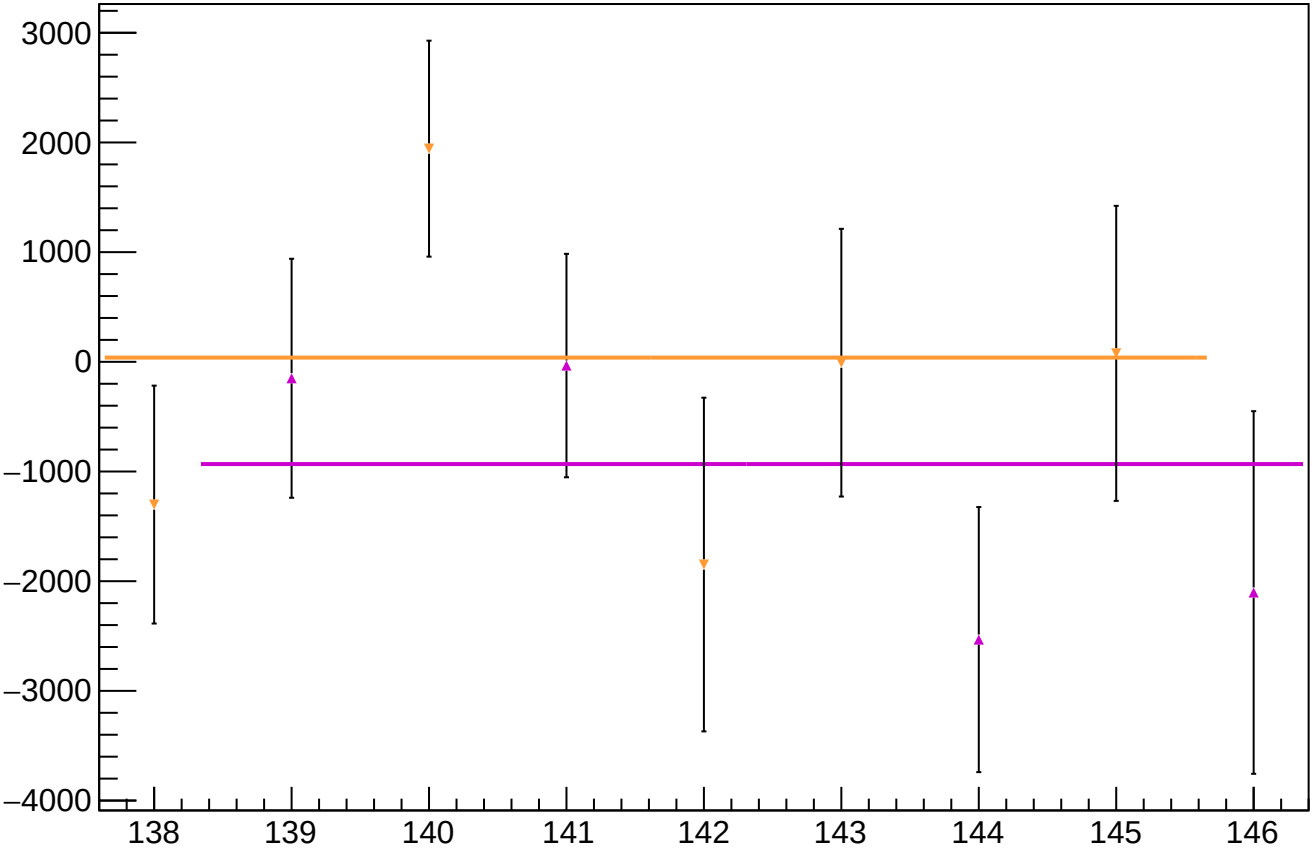
Left In: 165.624+/-0.065 χ^2/NDF:74277.8/3

+ sign 128.300+/-0.030 χ^2/NDF: 1291524.2/21

All: 127.267+/-0.021 χ^2/NDF: 2821644.7/44

- sign 126.282+/-0.029 χ^2/NDF: 1527737.2/22

asym_sam6_correction_mean vs Slug



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

Left Out: 38.687+/-531.651 χ^2/NDF:6.8/4

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

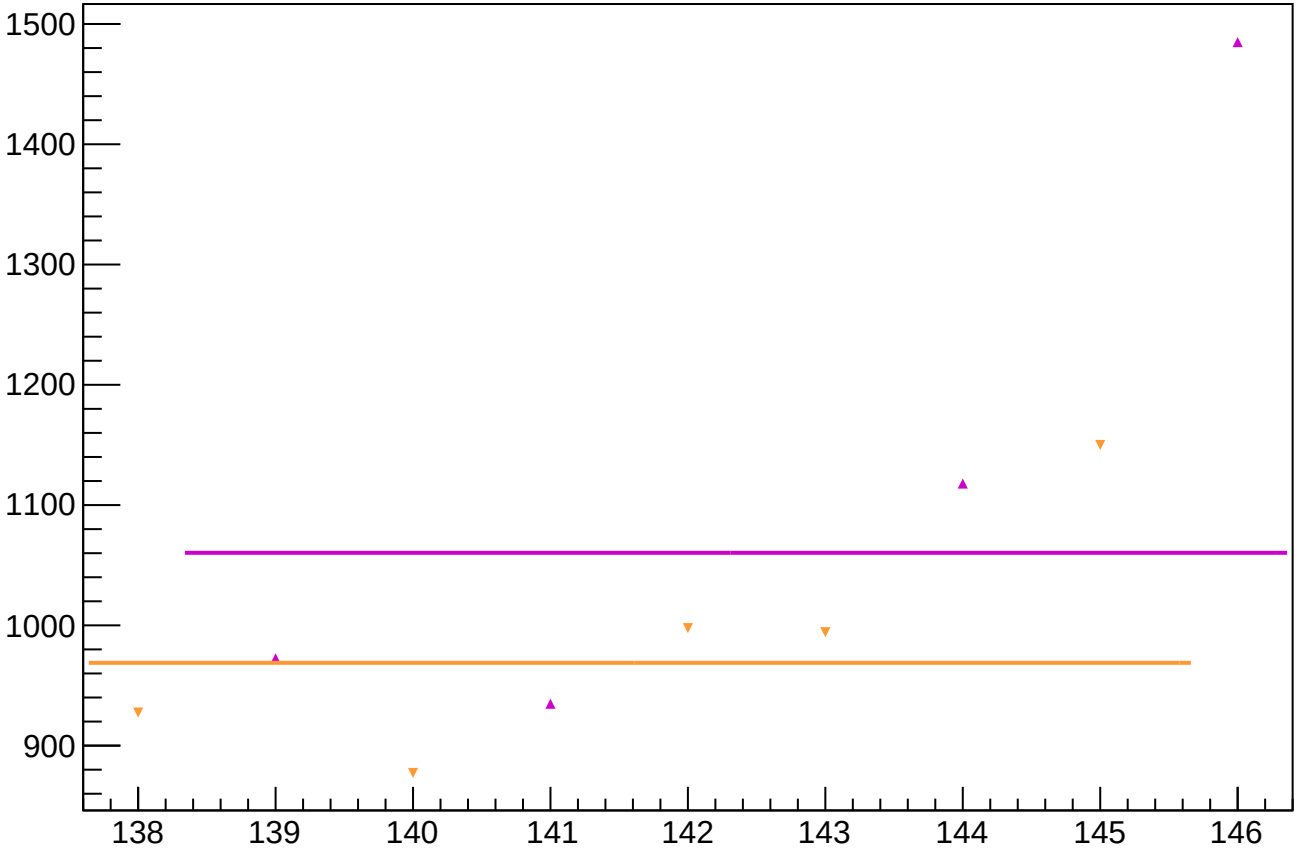
Left In: -932.088+/-591.627 χ^2/NDF:3.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -395.015+/-395.443 χ^2/NDF: 11.8/8

- 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: 968.859+/-0.376 χ^2/NDF:58066.8/4

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

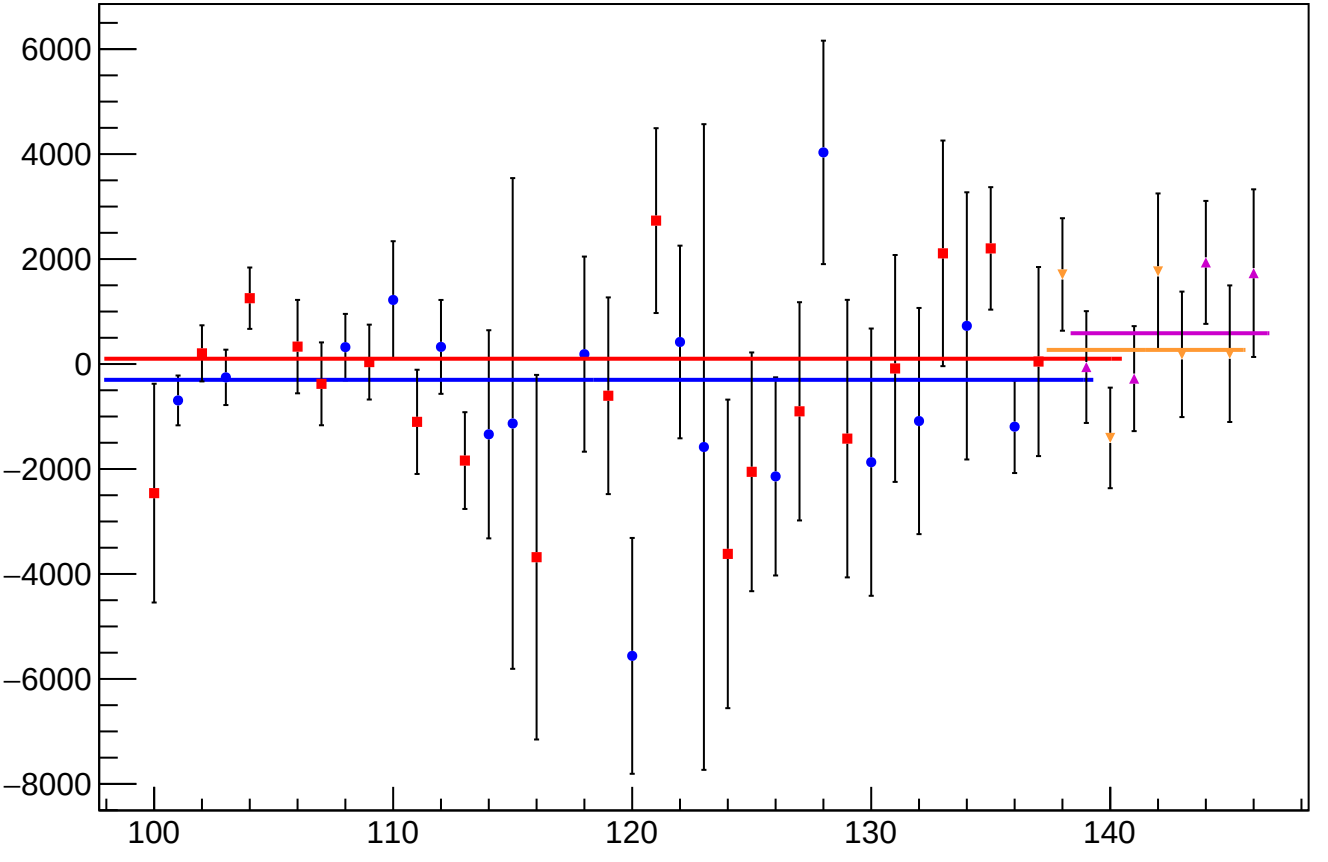
Left In: 1060.321+/-0.418 χ^2/NDF:179848.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1009.720+/-0.280 χ^2/NDF: 264359.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_mean vs Slug



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: 269.165+/-519.649 χ^2/NDF:5.9/4

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

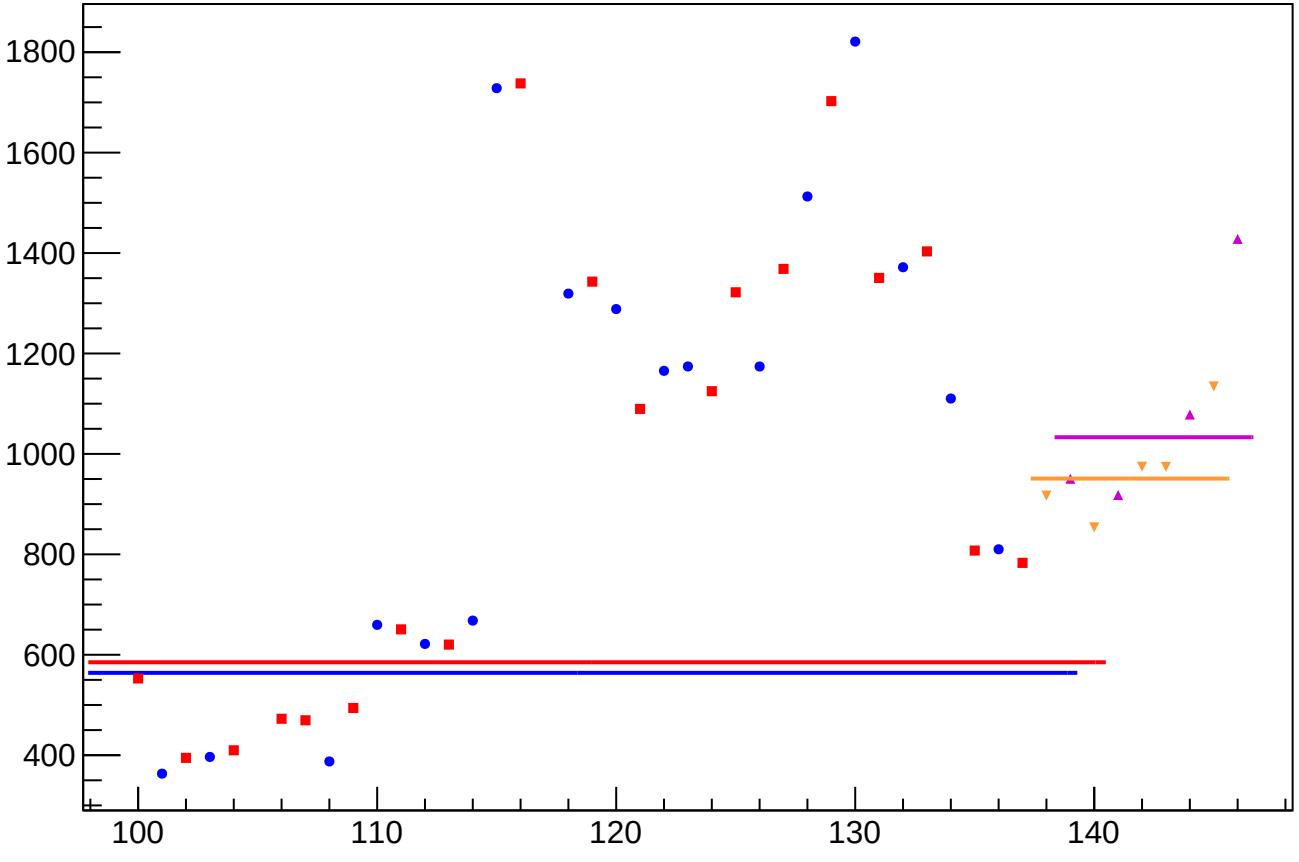
Left In: 586.723+/-577.170 χ^2/NDF:3.0/3

+ sign -193.808+/-225.316 χ^2/NDF: 23.7/21

All: -9.928+/-159.665 χ^2/NDF: 51.1/44

- sign 175.541+/-226.287 χ^2/NDF: 26.1/22

asym_sam6_rms vs Slug



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 950.870+/-0.367 χ^2/NDF:63584.4/4

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

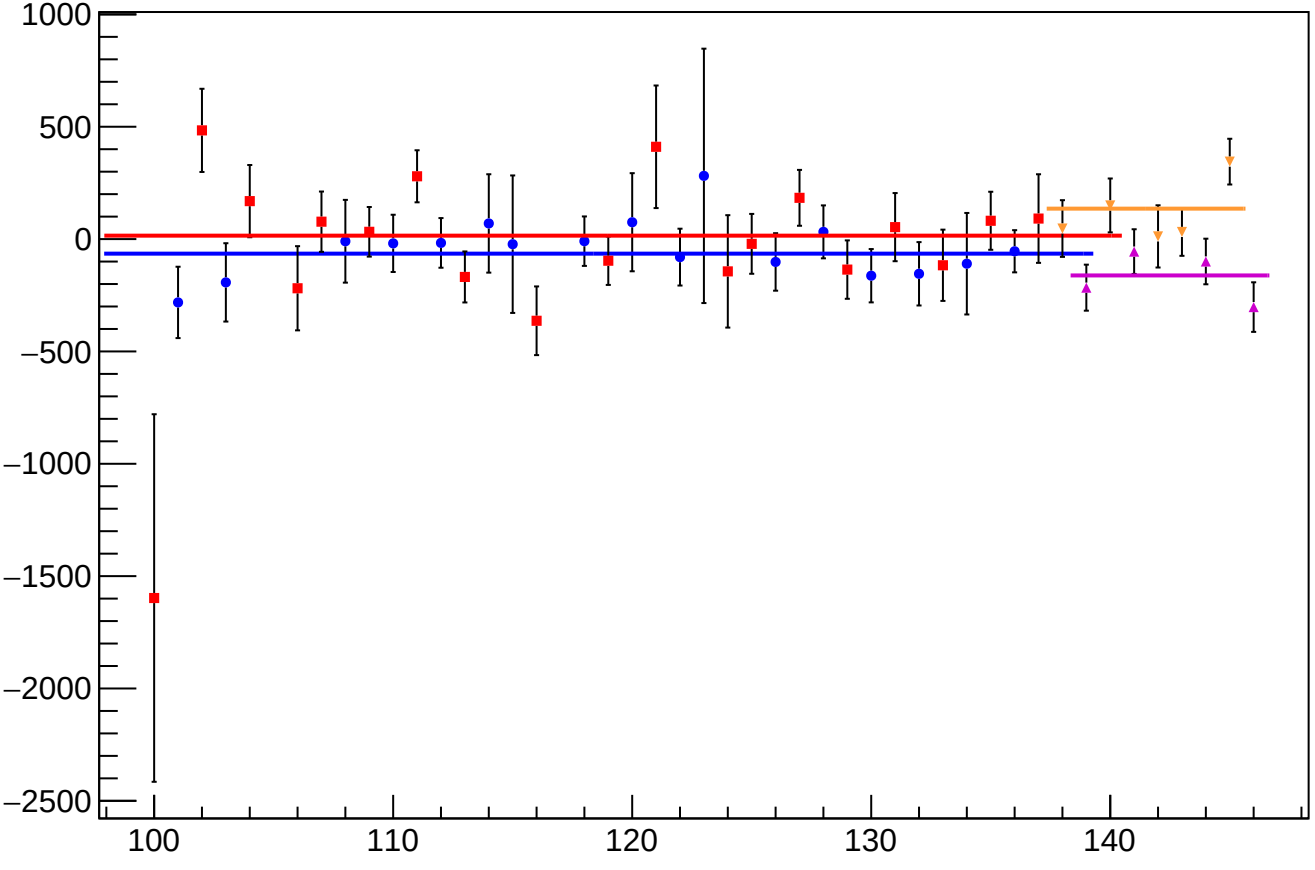
Left In: 1033.180+/-0.408 χ^2/NDF:163818.7/3

+ sign 636.735+/-0.159 χ^2/NDF: 4225168.3/21

All: 645.305+/-0.113 χ^2/NDF: 8235892.9/44

- sign 653.950+/-0.160 χ^2/NDF: 4004912.1/22

dit_asym_sam7_mean vs Slug



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 135.494+/-52.011 χ^2/NDF:6.5/4

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

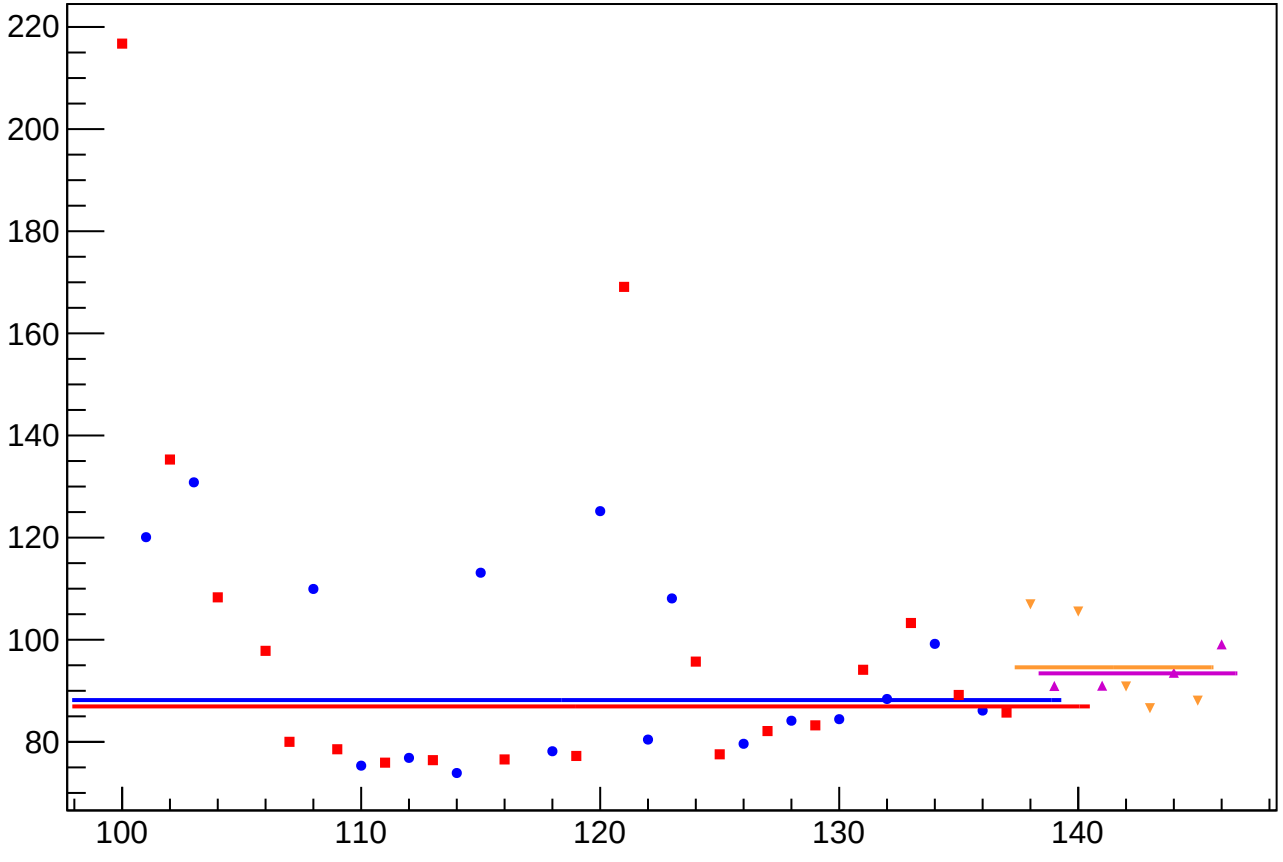
Left In: -161.773+/-51.584 χ^2/NDF:3.4/3

+ sign -3.279+/-28.825 χ^2/NDF: 22.9/21

All: -20.629+/-20.102 χ^2/NDF: 70.3/44

- sign -37.058+/-28.049 χ^2/NDF: 46.7/22

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 94.600+/-0.037 χ^2/NDF:56774.6/4

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

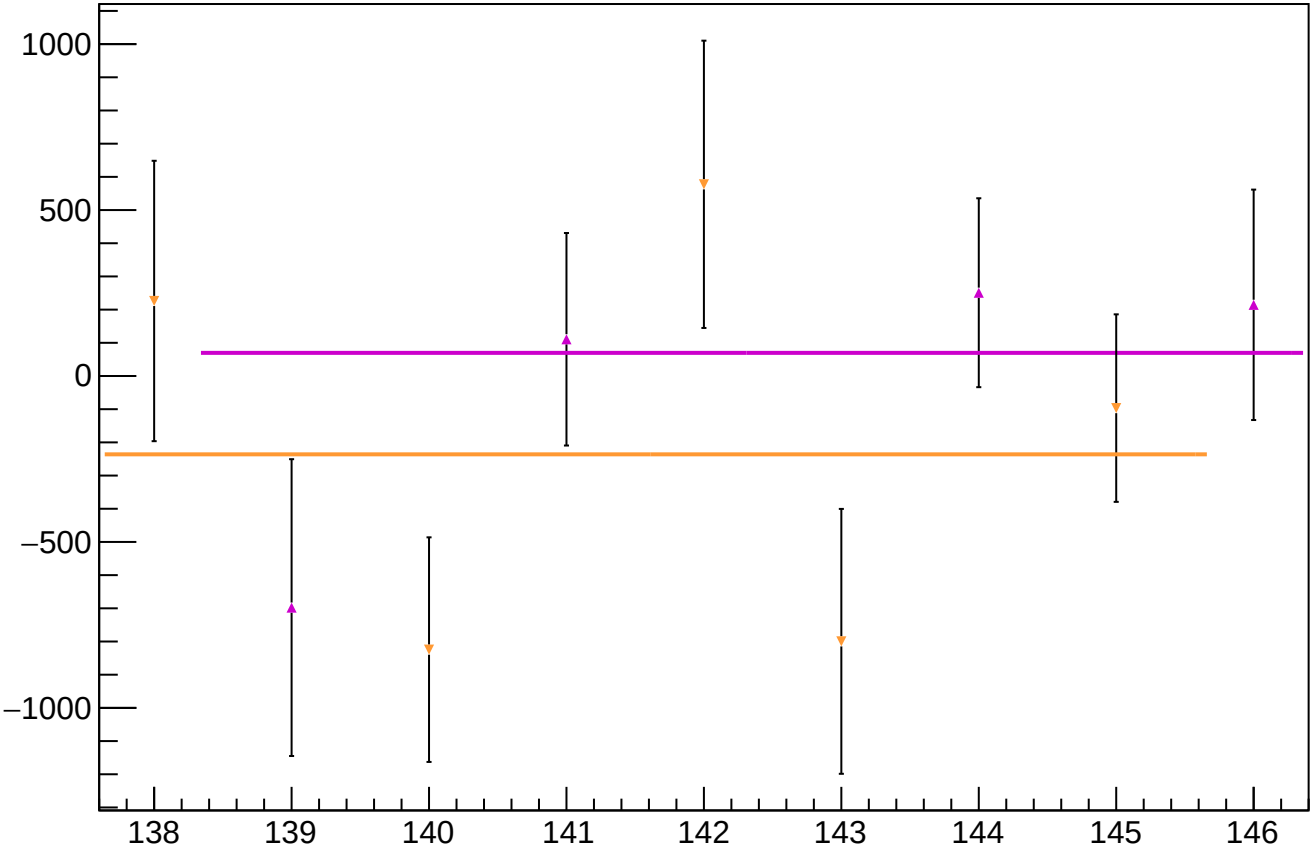
Left In: 93.415+/-0.036 χ^2/NDF:7647.6/3

+ sign 90.156+/-0.020 χ^2/NDF: 472295.3/21

All: 89.489+/-0.014 χ^2/NDF: 1035569.0/44

- sign 88.857+/-0.020 χ^2/NDF: 561185.8/22

asym_sam7_correction_mean vs Slug



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

Left Out: -236.025+/-161.194 χ^2/NDF:10.0/4

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

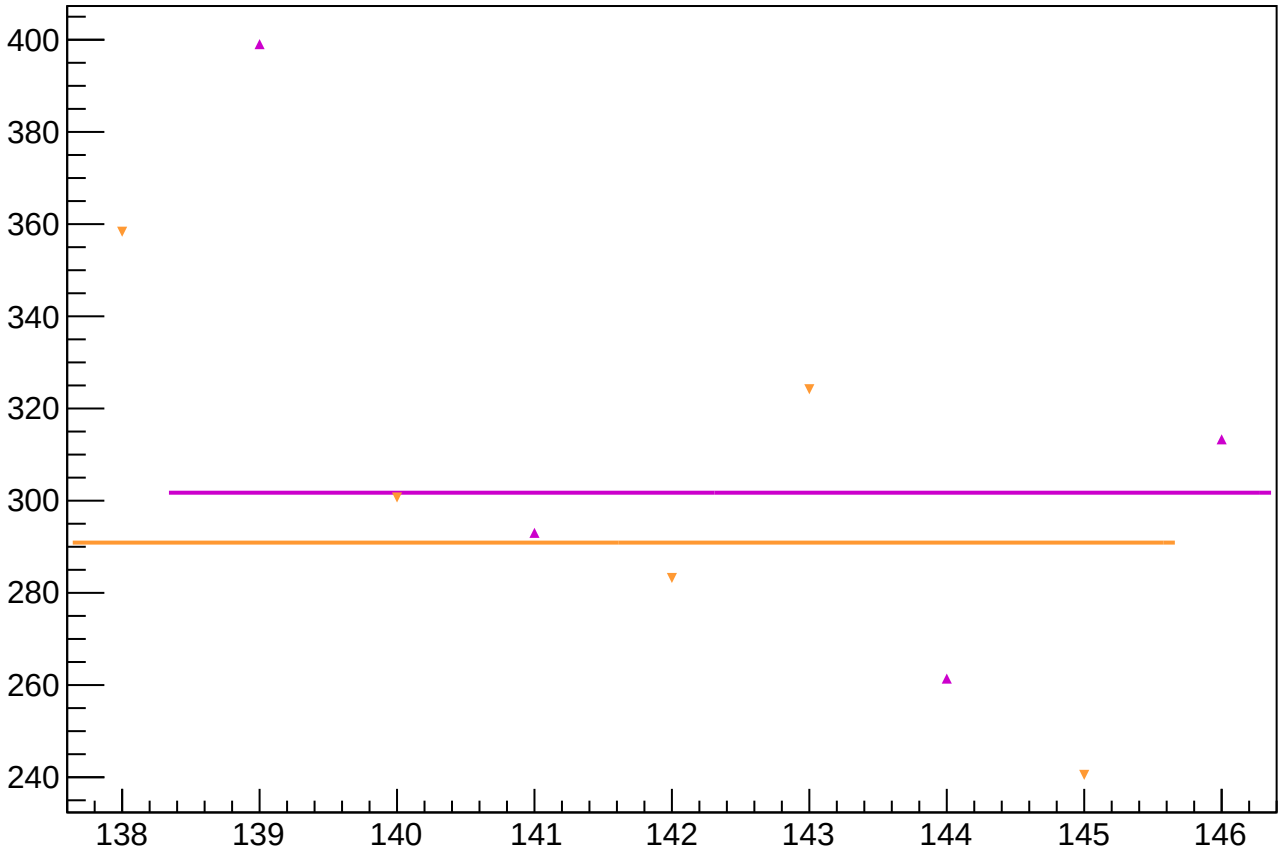
Left In: 69.719+/-168.069 χ^2/NDF:3.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -89.534+/-116.336 χ^2/NDF: 15.3/8

- 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: 290.906+/-0.114 χ^2/NDF:130831.7/4

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

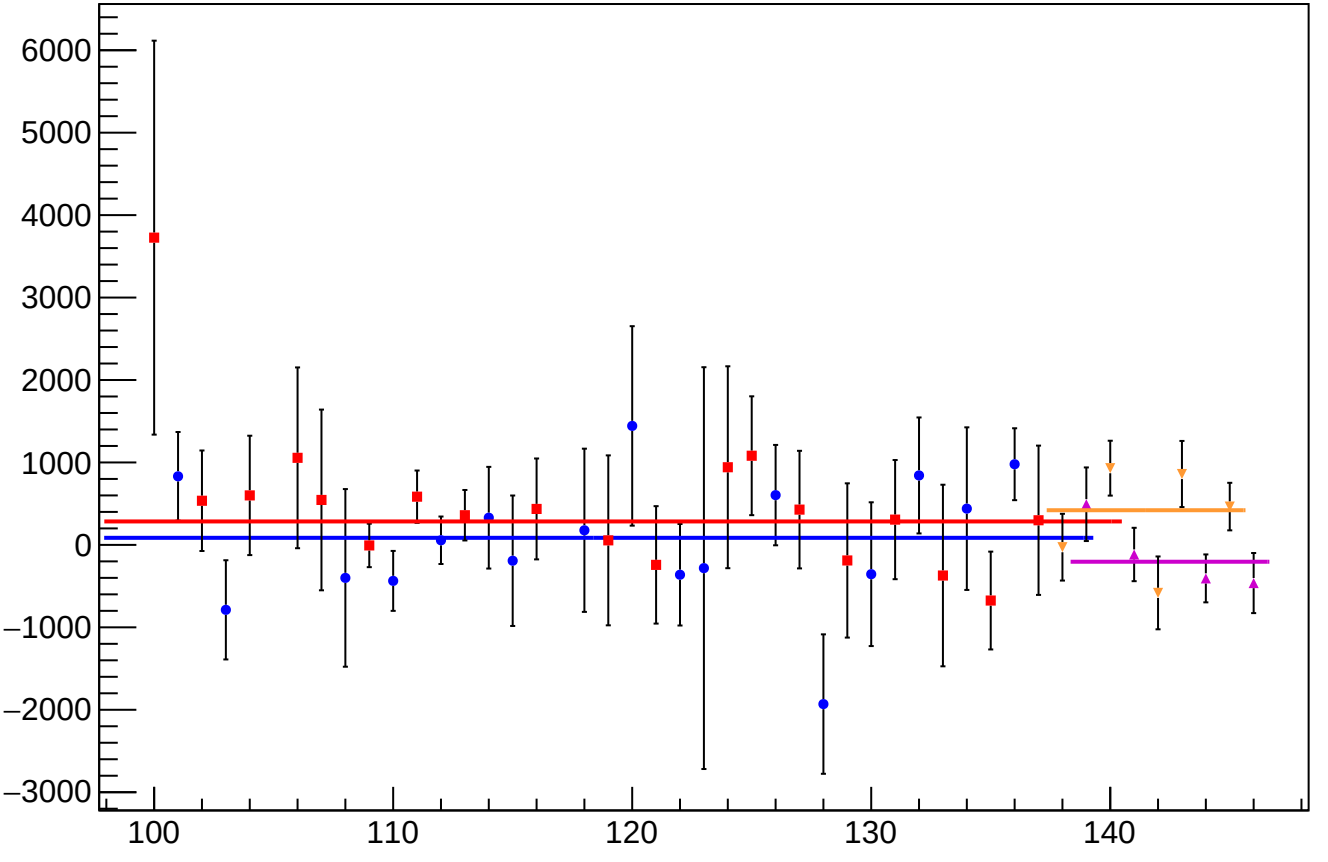
Left In: 301.730+/-0.119 χ^2/NDF:138591.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 296.092+/-0.082 χ^2/NDF: 273744.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_mean vs Slug



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 420.443+/-161.180 χ^2/NDF:9.9/4

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

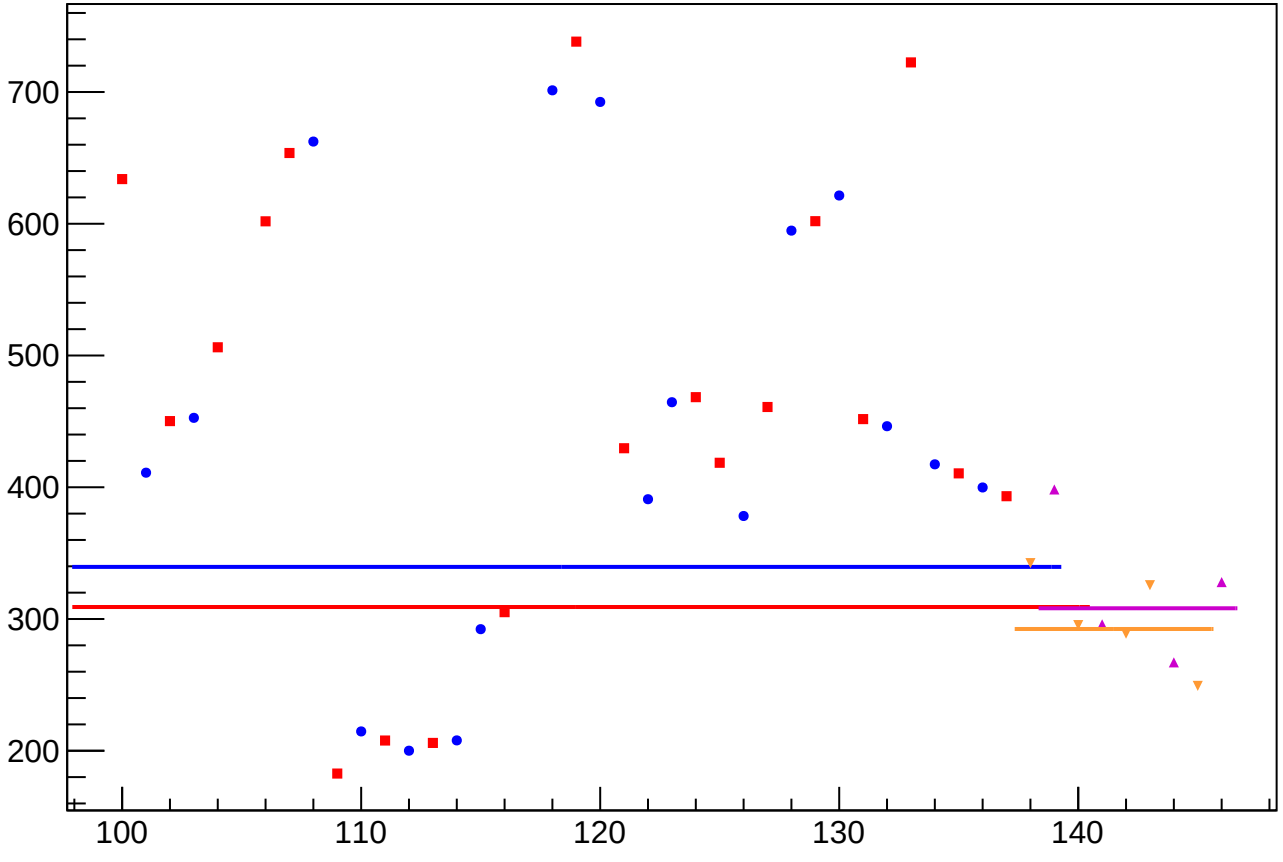
Left In: -204.294+/-171.670 χ^2/NDF:3.5/3

+ sign 232.737+/-106.801 χ^2/NDF: 32.9/21

All: 167.869+/-74.301 χ^2/NDF: 52.9/44

- sign 107.027+/-103.434 χ^2/NDF: 19.3/22

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 292.426+/-0.114 χ^2/NDF:89356.3/4

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

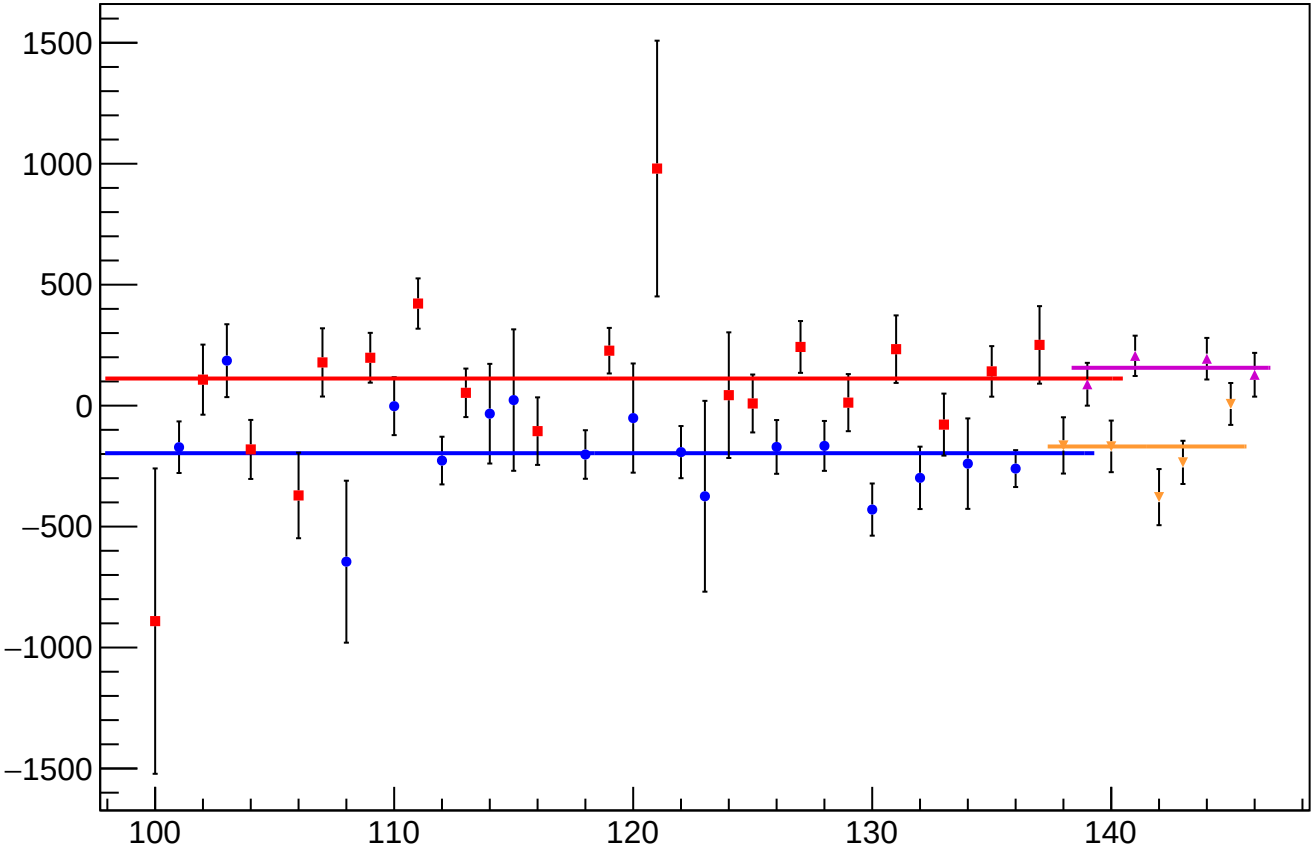
Left In: 308.143+/-0.121 χ^2/NDF:130345.2/3

+ sign 318.861+/-0.076 χ^2/NDF: 2227508.2/21

All: 313.646+/-0.053 χ^2/NDF: 5097440.3/44

- sign 308.756+/-0.073 χ^2/NDF: 2860693.8/22

dit_asym_sam8_mean vs Slug



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -168.880+/-44.950 χ^2/NDF:7.9/4

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

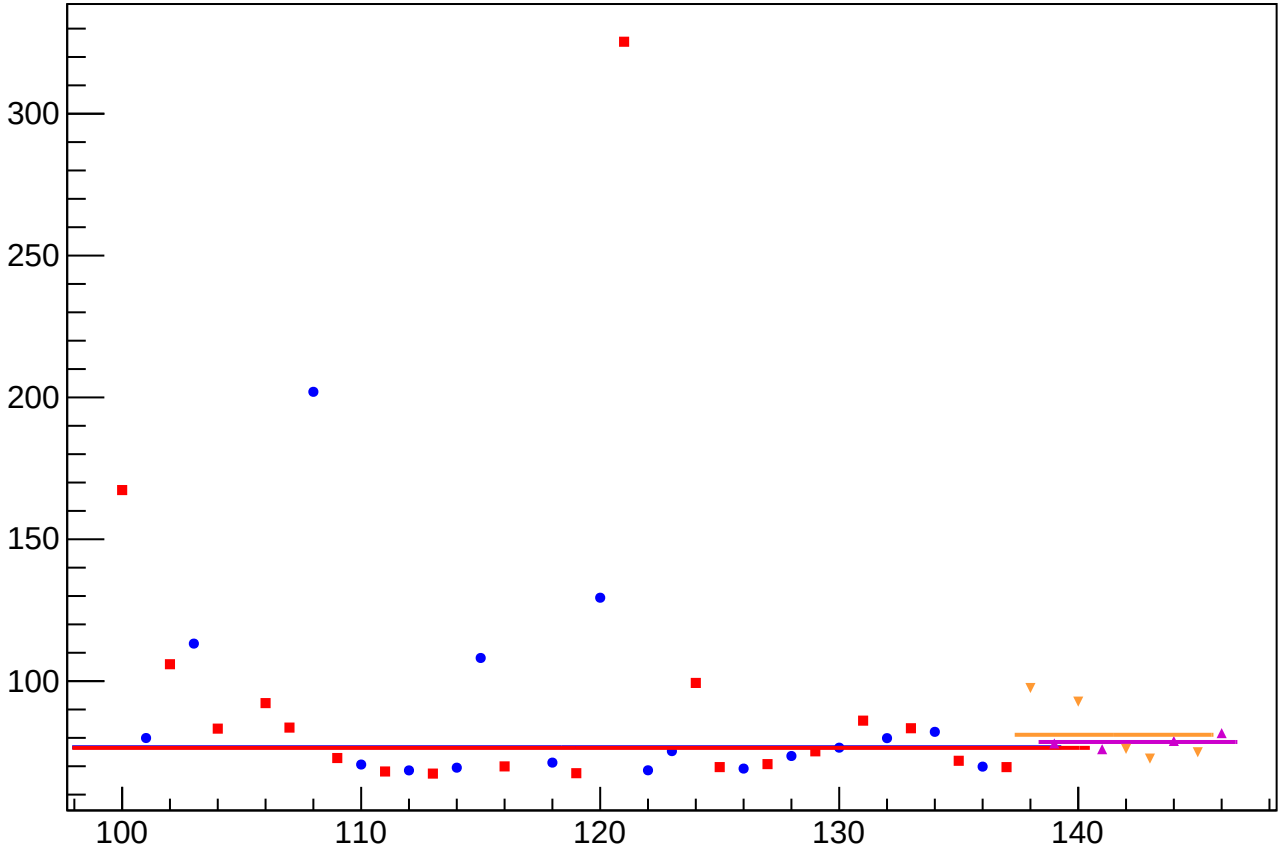
Left In: 156.432+/-43.465 χ^2/NDF:1.2/3

+ sign -187.900+/-25.181 χ^2/NDF: 27.2/21

All: -26.425+/-17.552 χ^2/NDF: 148.5/44

- sign 126.158+/-24.478 χ^2/NDF: 41.3/22

dit_asym_sam8_rms vs Slug



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 81.089+/-0.032 χ^2/NDF:95698.3/4

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

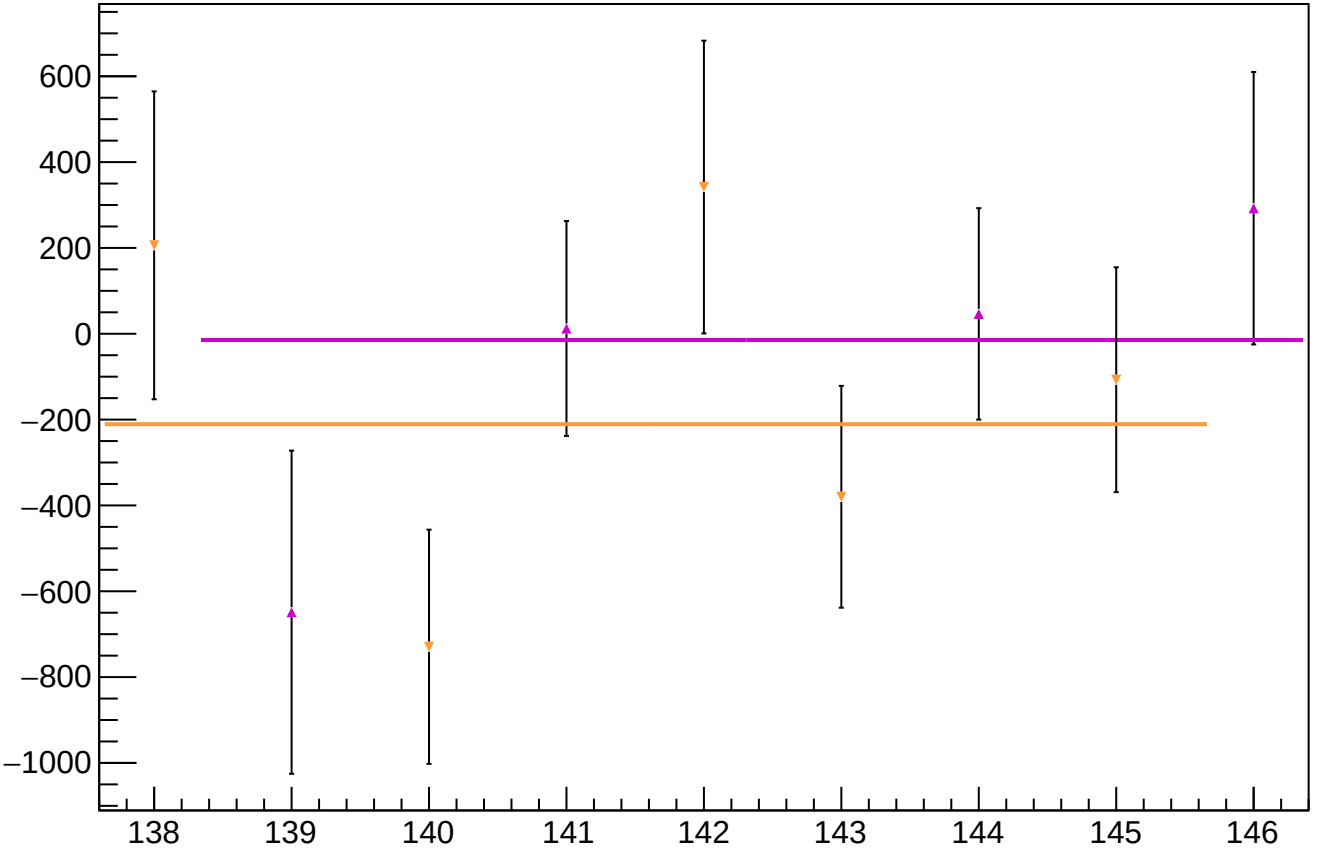
Left In: 78.549+/-0.031 χ^2/NDF:4342.6/3

+ sign 78.072+/-0.018 χ^2/NDF: 709177.7/21

All: 77.591+/-0.012 χ^2/NDF: 1417403.0/44

- sign 77.136+/-0.017 χ^2/NDF: 706803.0/22

asym_sam8_correction_mean vs Slug



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

Left Out: -210.689+/-129.810 χ^2/NDF:8.2/4

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

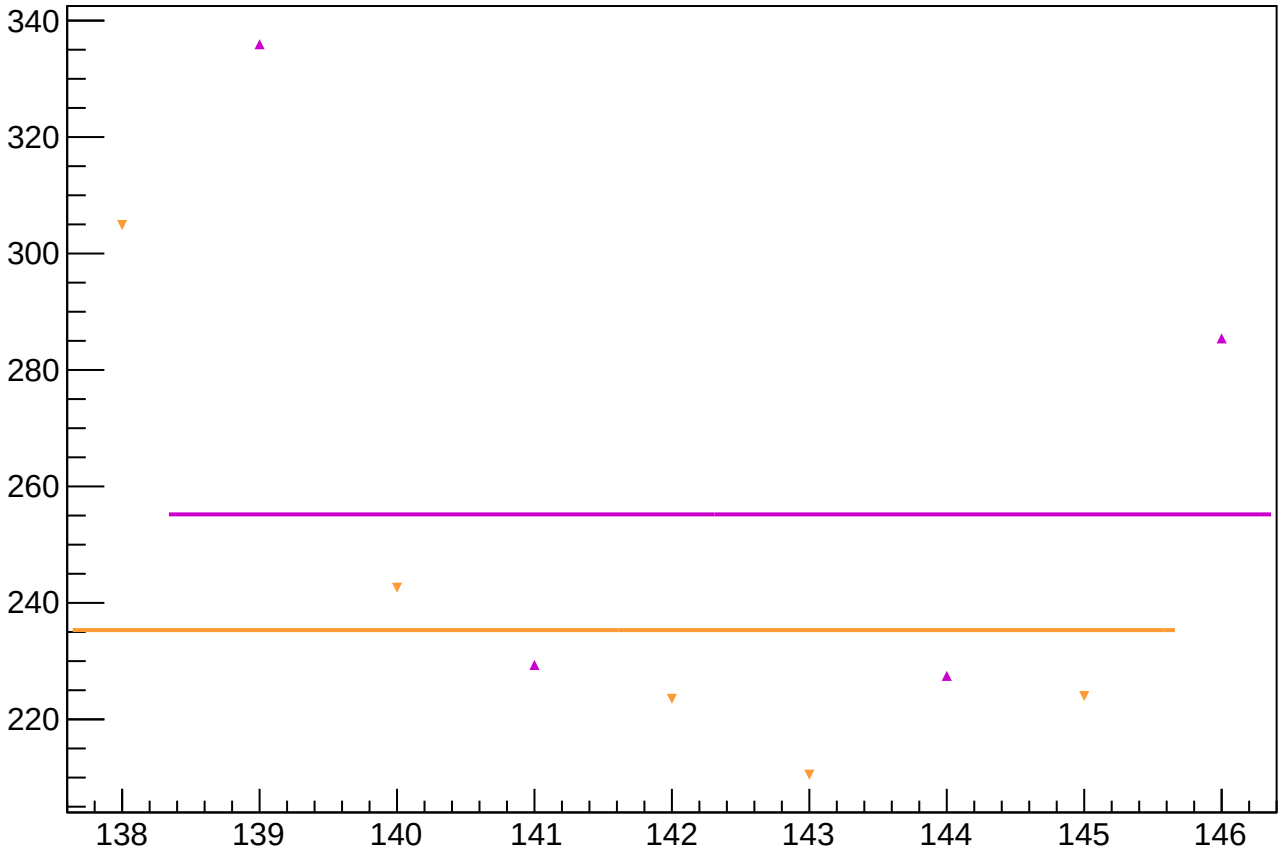
Left In: -14.460+/-142.248 χ^2/NDF:3.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -121.527+/-95.886 χ^2/NDF: 13.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_correction_rms vs Slug



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

Left Out: 235.325+/-0.092 χ^2/NDF:101250.8/4

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

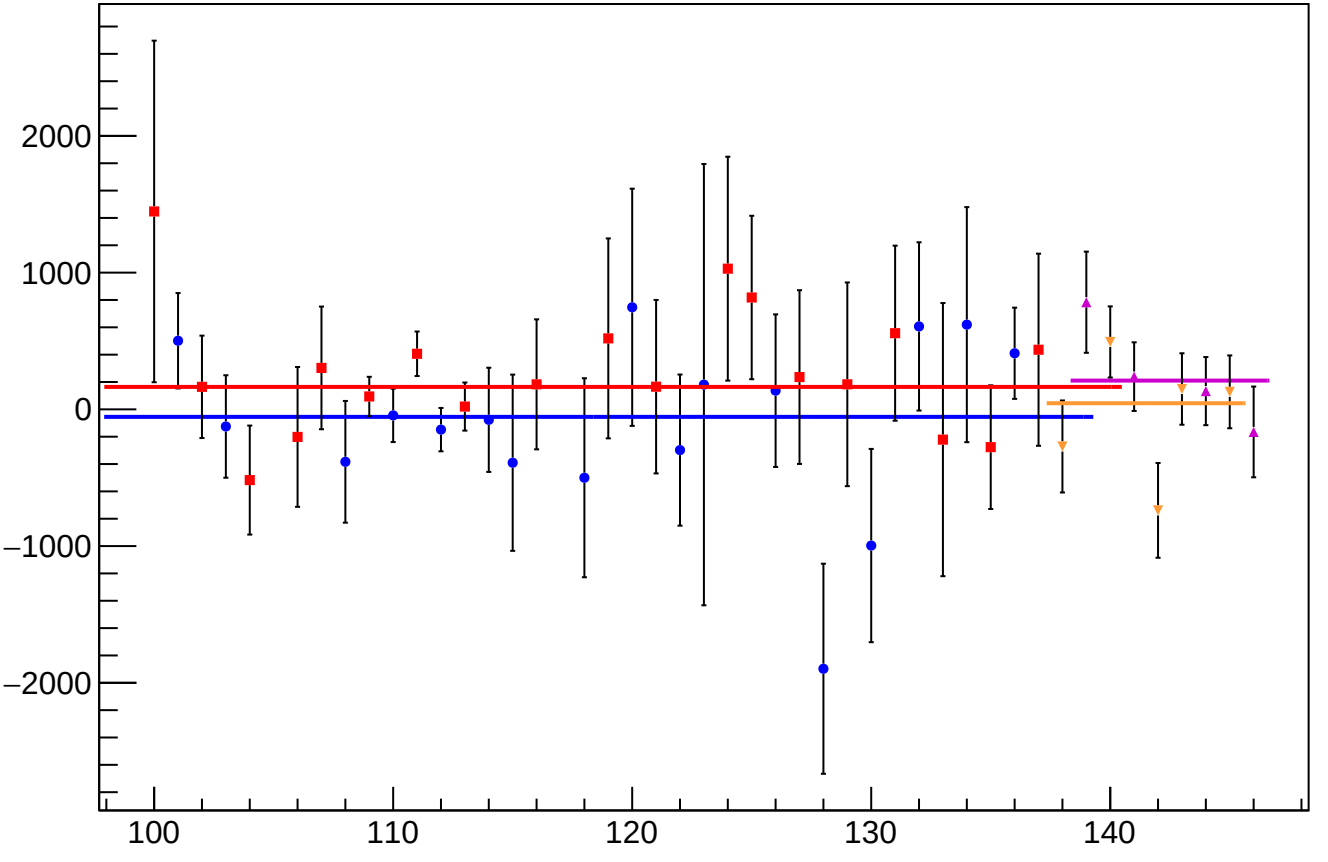
Left In: 255.200+/-0.101 χ^2/NDF:156812.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 244.356+/-0.068 χ^2/NDF: 279365.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_mean vs Slug



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 44.738+/-128.372 χ^2/NDF:9.2/4

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

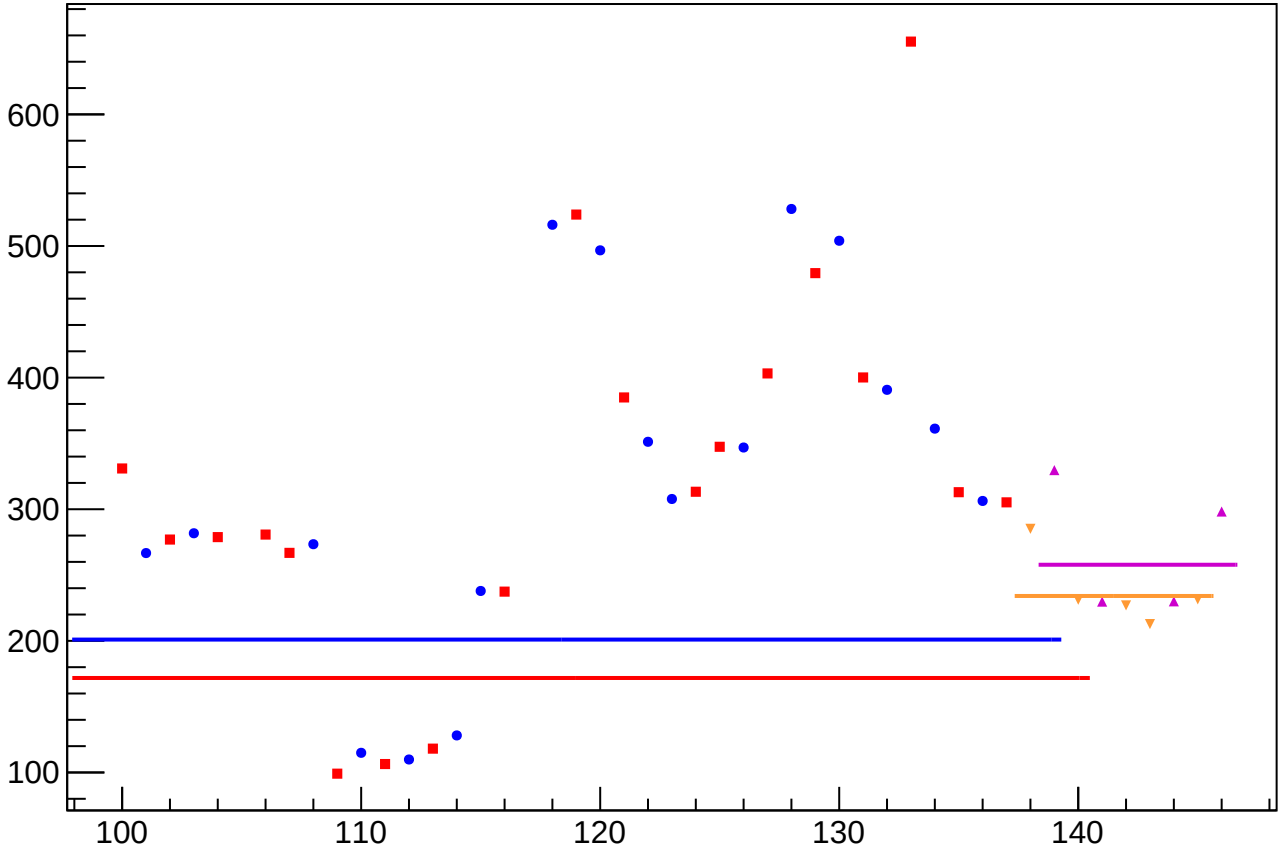
Left In: 210.343+/-143.768 χ^2/NDF:3.8/3

+ sign -21.913+/-73.888 χ^2/NDF: 26.2/21

All: 84.657+/-49.960 χ^2/NDF: 45.8/44

- sign 174.420+/-67.811 χ^2/NDF: 15.8/22

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 234.101+/-0.091 χ^2/NDF:60638.9/4

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

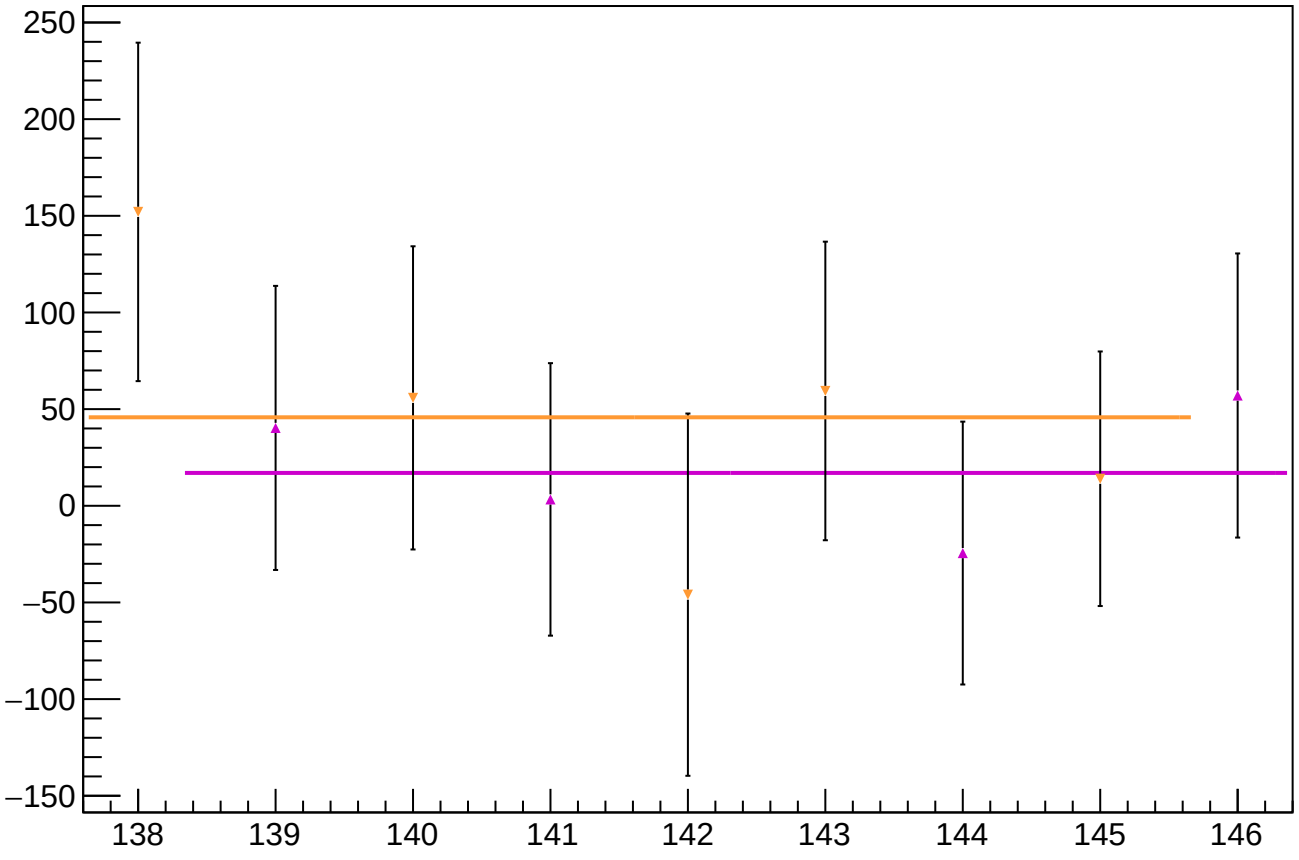
Left In: 257.825+/-0.102 χ^2/NDF:155083.3/3

+ sign 211.946+/-0.052 χ^2/NDF: 3585874.1/21

All: 200.540+/-0.035 χ^2/NDF: 8478233.9/44

- sign 190.933+/-0.048 χ^2/NDF: 4804557.8/22

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 45.774+/-35.236 χ^2/NDF:2.7/4

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

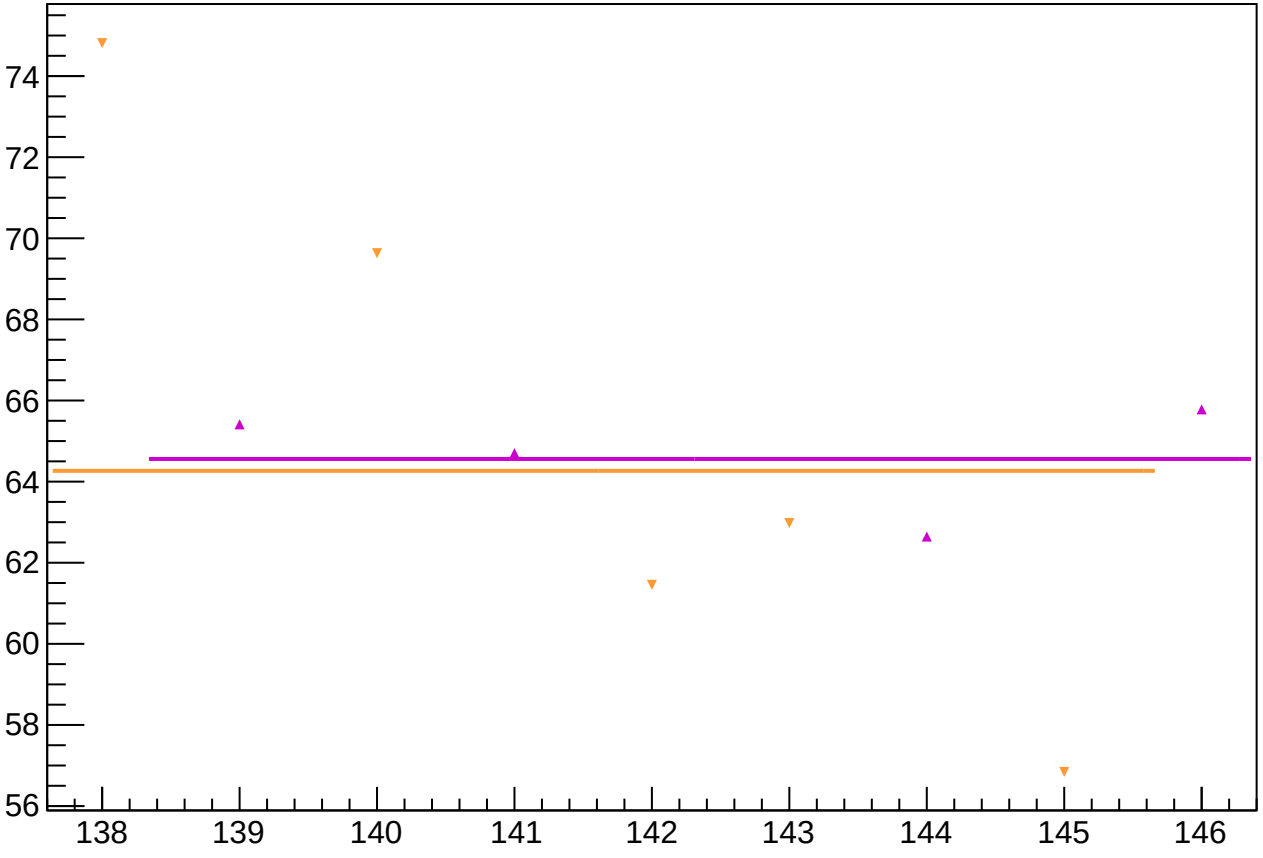
Left In: 17.003+/-35.622 χ^2/NDF:0.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 31.545+/-25.051 χ^2/NDF: 3.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 64.266+/-0.025 χ^2/NDF:66172.7/4

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

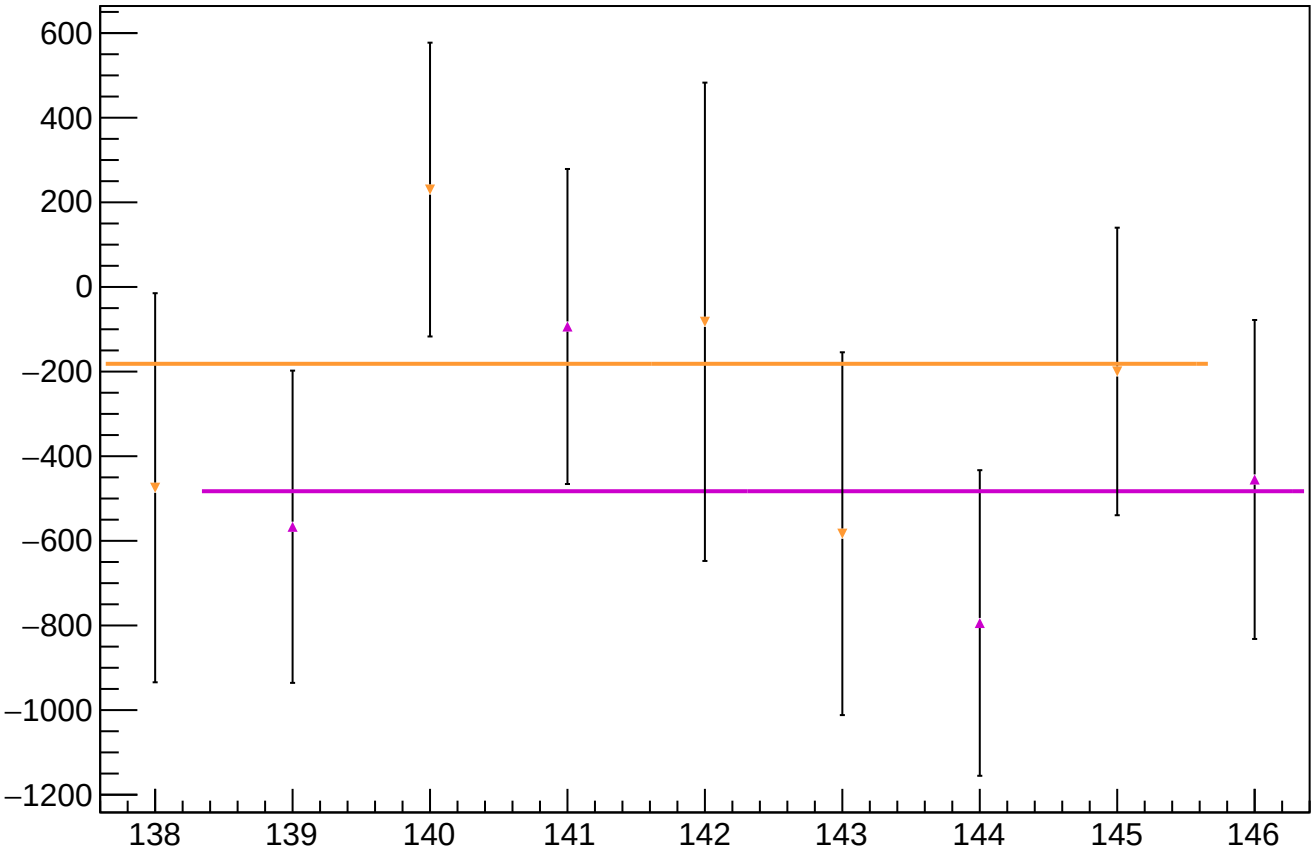
Left In: 64.559+/-0.025 χ^2/NDF:2415.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 64.411+/-0.018 χ^2/NDF: 68656.5/8

- 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: -181.596+/-181.791 χ^2/NDF:2.7/4

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

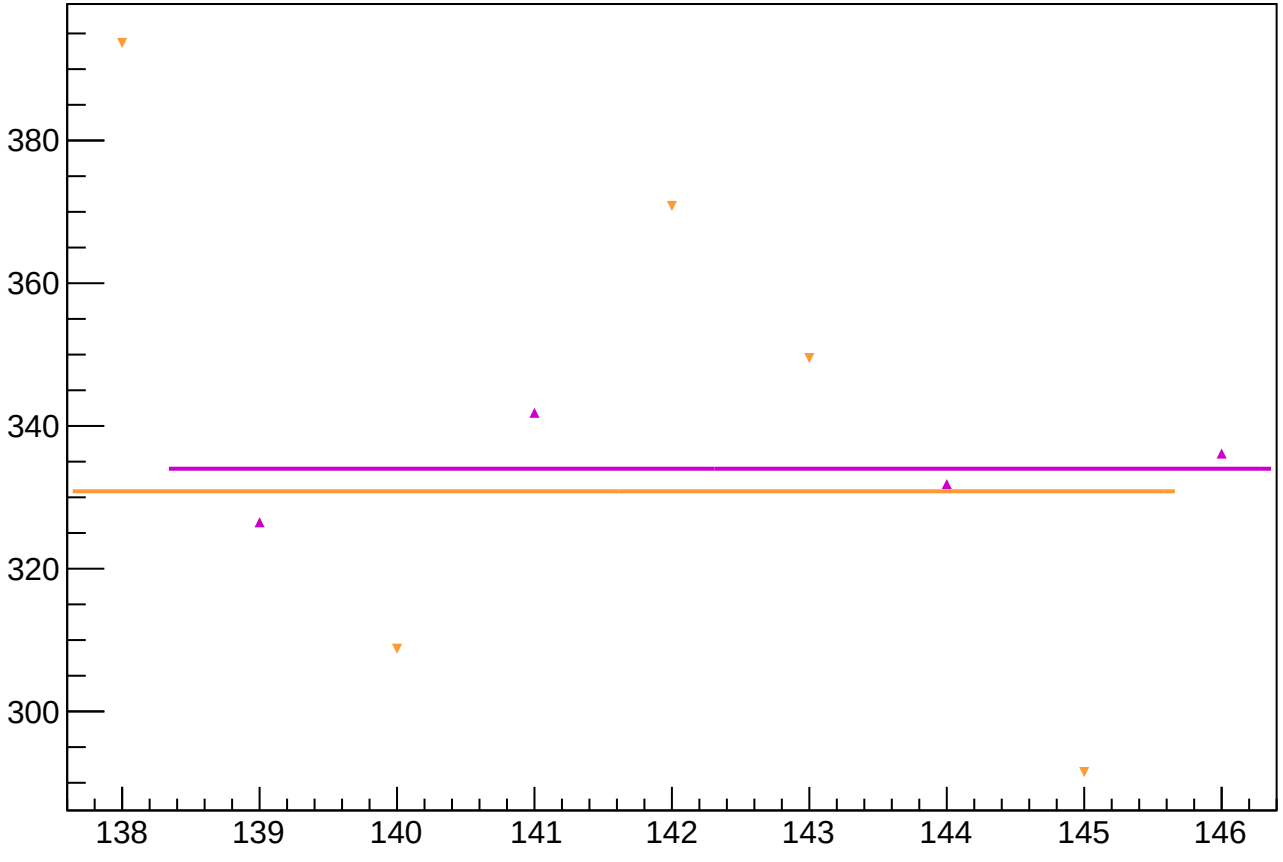
Left In: -482.729+/-184.844 χ^2/NDF:1.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -329.655+/-129.611 χ^2/NDF: 6.0/8

- 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: 330.844+/-0.129 χ^2/NDF:86024.2/4

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

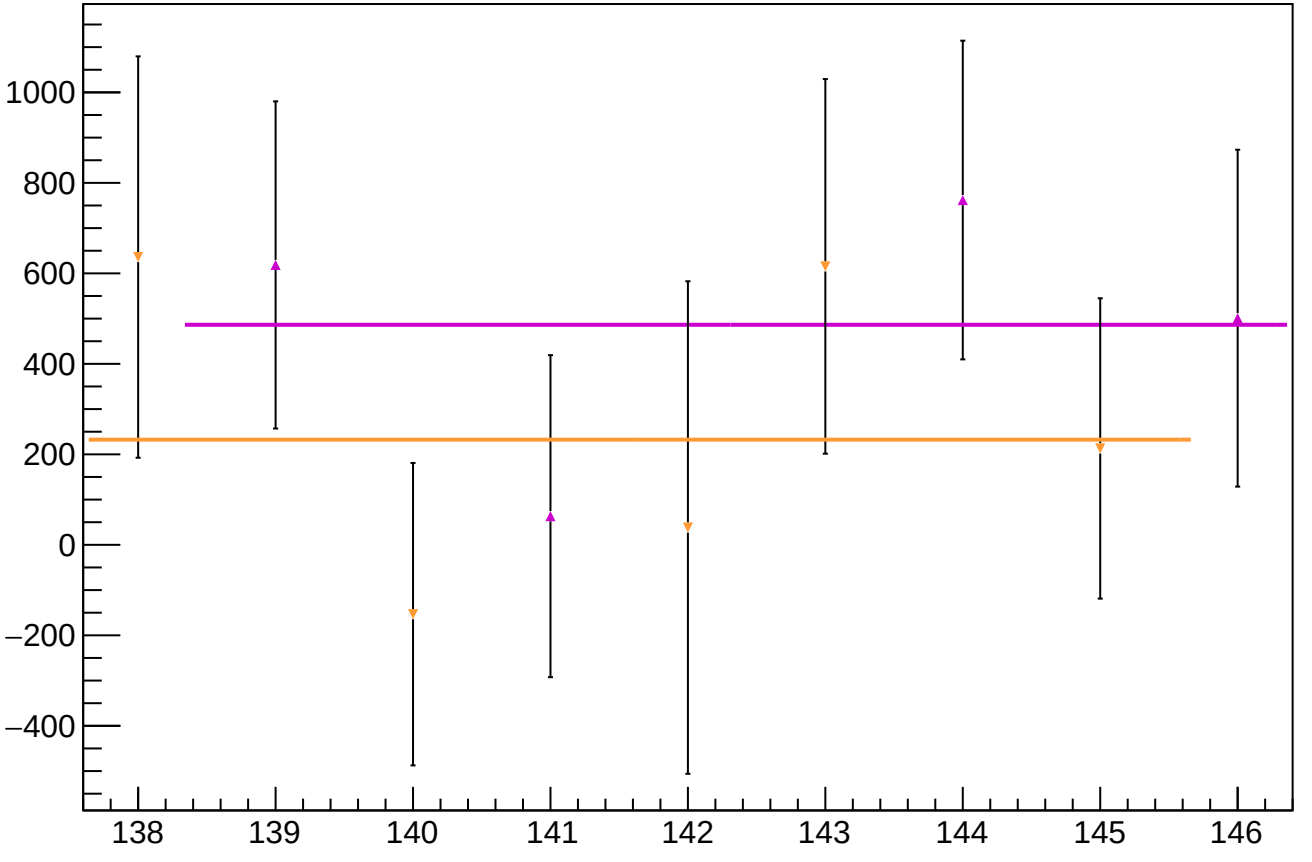
Left In: 334.008+/-0.131 χ^2/NDF:1847.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 332.400+/-0.092 χ^2/NDF: 88169.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_mean vs Slug



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

Left Out: 232.503+/-175.897 χ^2/NDF:3.1/4

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

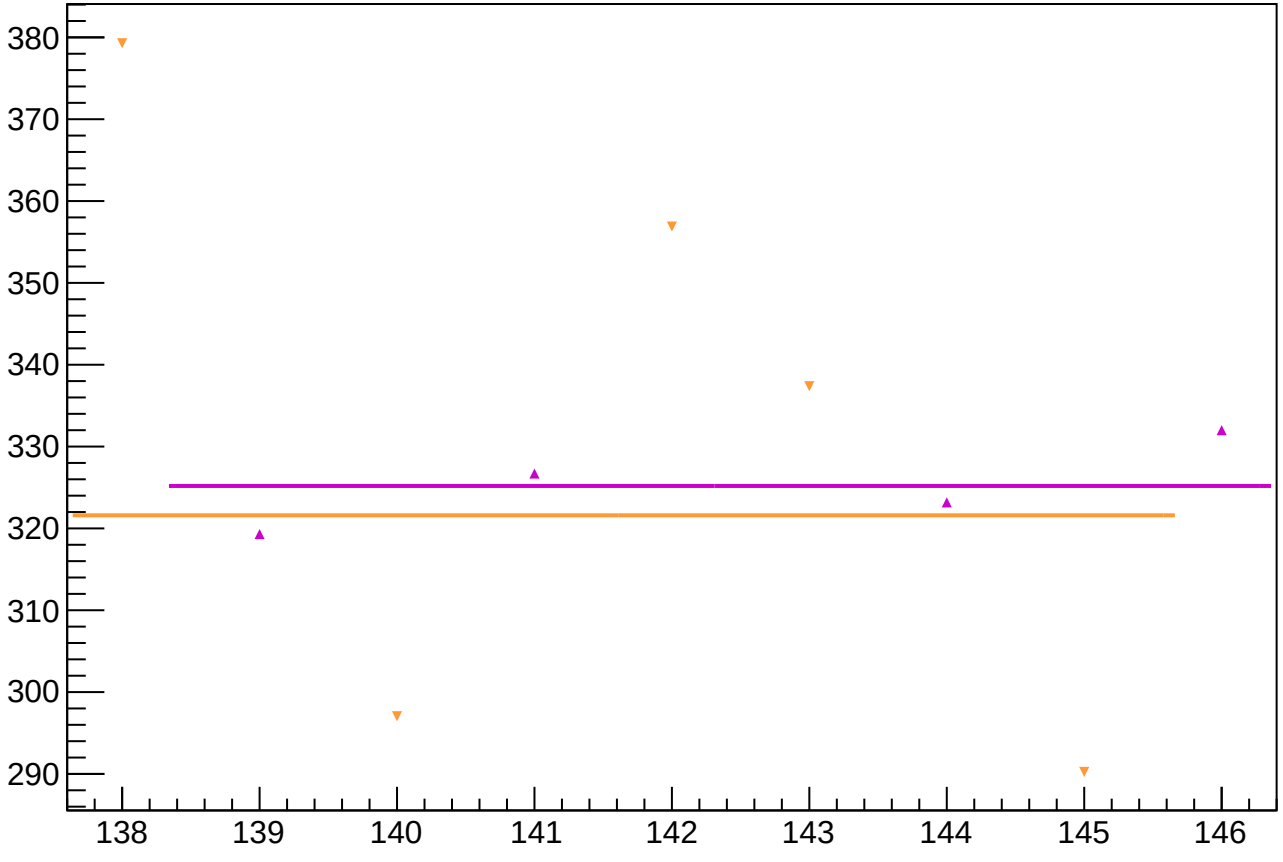
Left In: 486.351+/-180.121 χ^2/NDF:2.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 356.416+/-125.845 χ^2/NDF: 6.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_rms vs Slug



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

Left Out: 321.600+/-0.124 χ^2/NDF:73765.5/4

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

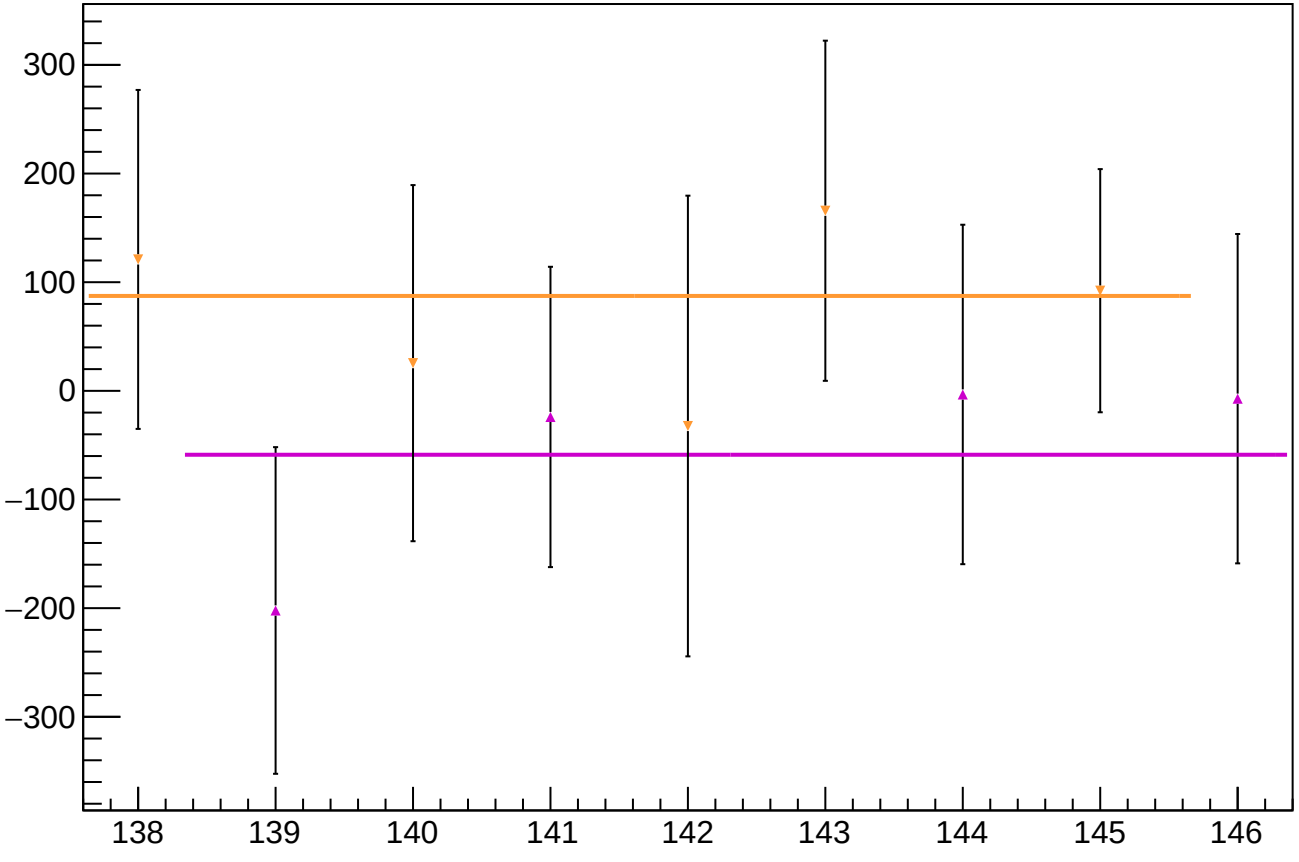
Left In: 325.188+/-0.127 χ^2/NDF:1299.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 323.351+/-0.089 χ^2/NDF: 75471.4/8

- 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: 87.357+/-67.230 χ^2/NDF:0.8/4

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

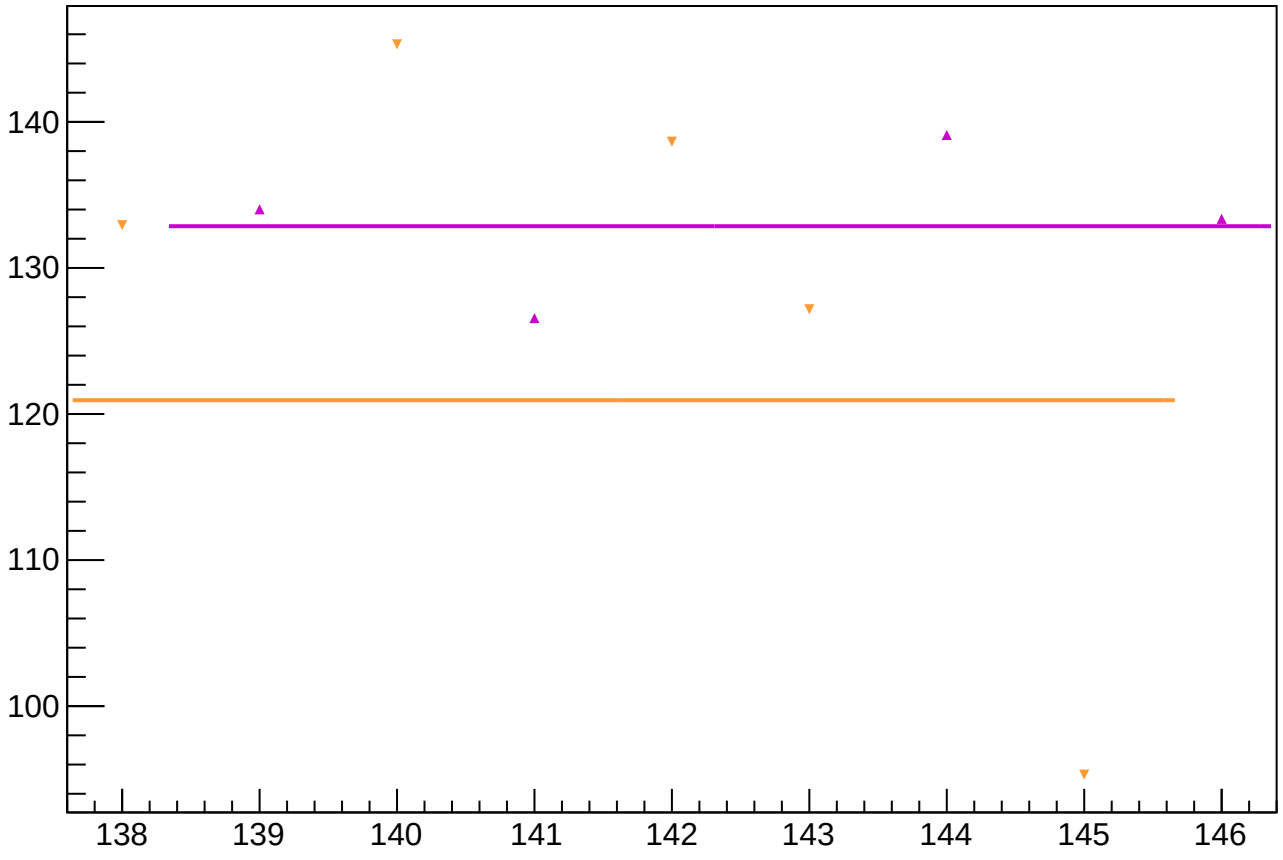
Left In: -58.811+/-74.306 χ^2/NDF:1.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 21.562+/-49.853 χ^2/NDF: 4.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 120.946+/-0.048 χ^2/NDF:178066.9/4

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

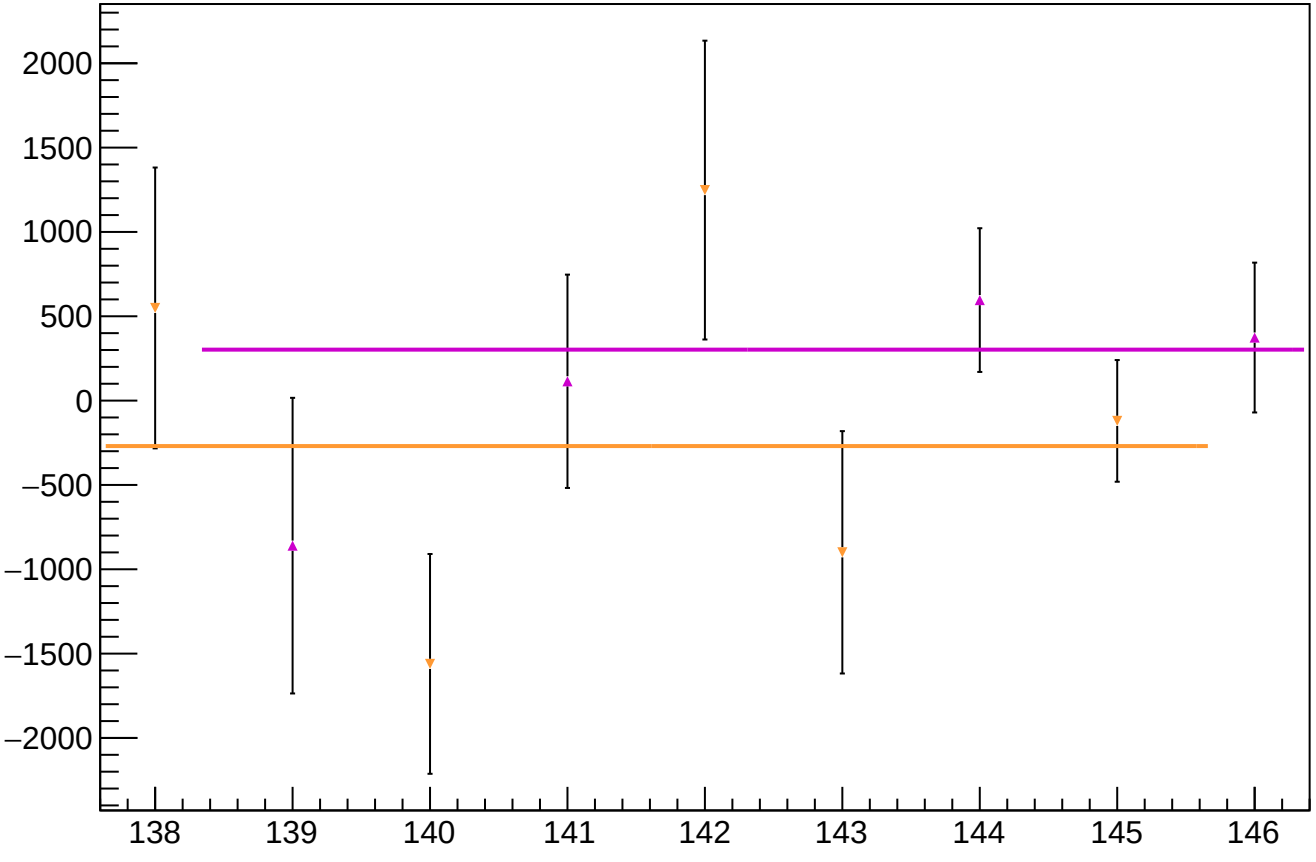
Left In: 132.858+/-0.053 χ^2/NDF:7481.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 126.308+/-0.035 χ^2/NDF: 213810.6/8

- 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: -269.507+/-260.870 χ^2/NDF:8.8/4

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

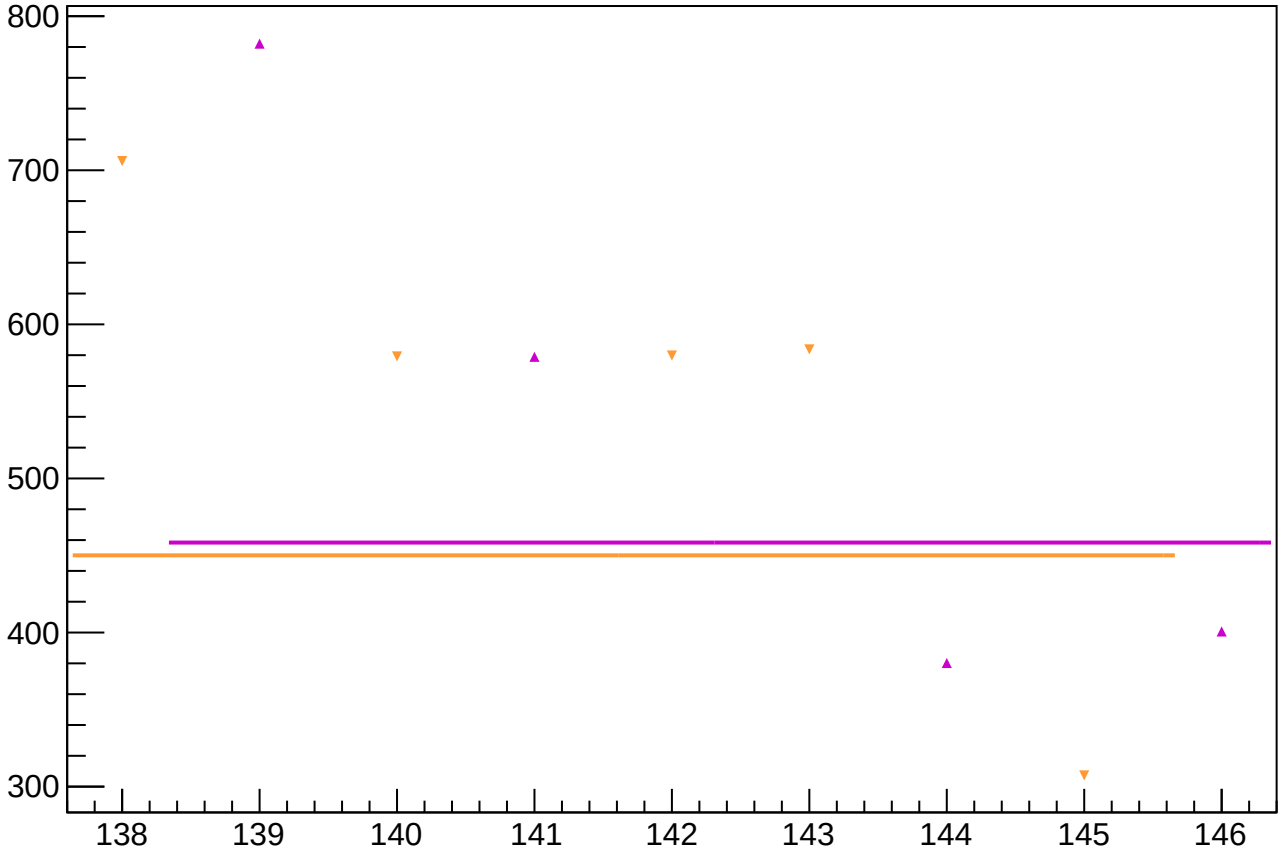
Left In: 302.157+/-263.695 χ^2/NDF:2.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 13.247+/-185.454 χ^2/NDF: 13.5/8

- 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: 450.103+/-0.184 χ^2/NDF:693012.5/4

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

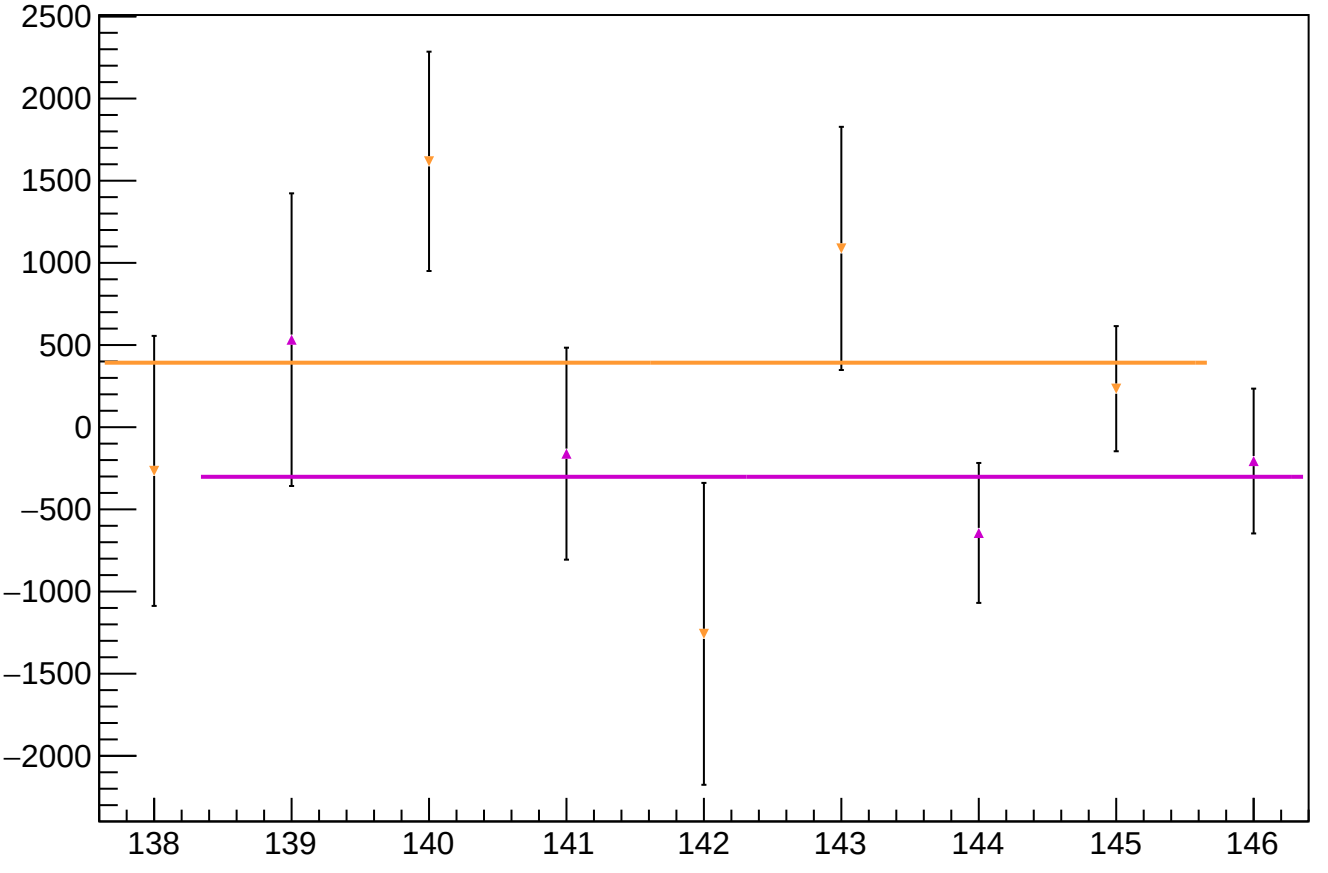
Left In: 458.390+/-0.186 χ^2/NDF:446792.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 454.202+/-0.131 χ^2/NDF: 1140802.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_mean vs Slug



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

Left Out: 392.548+/-270.822 χ^2/NDF:8.3/4

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

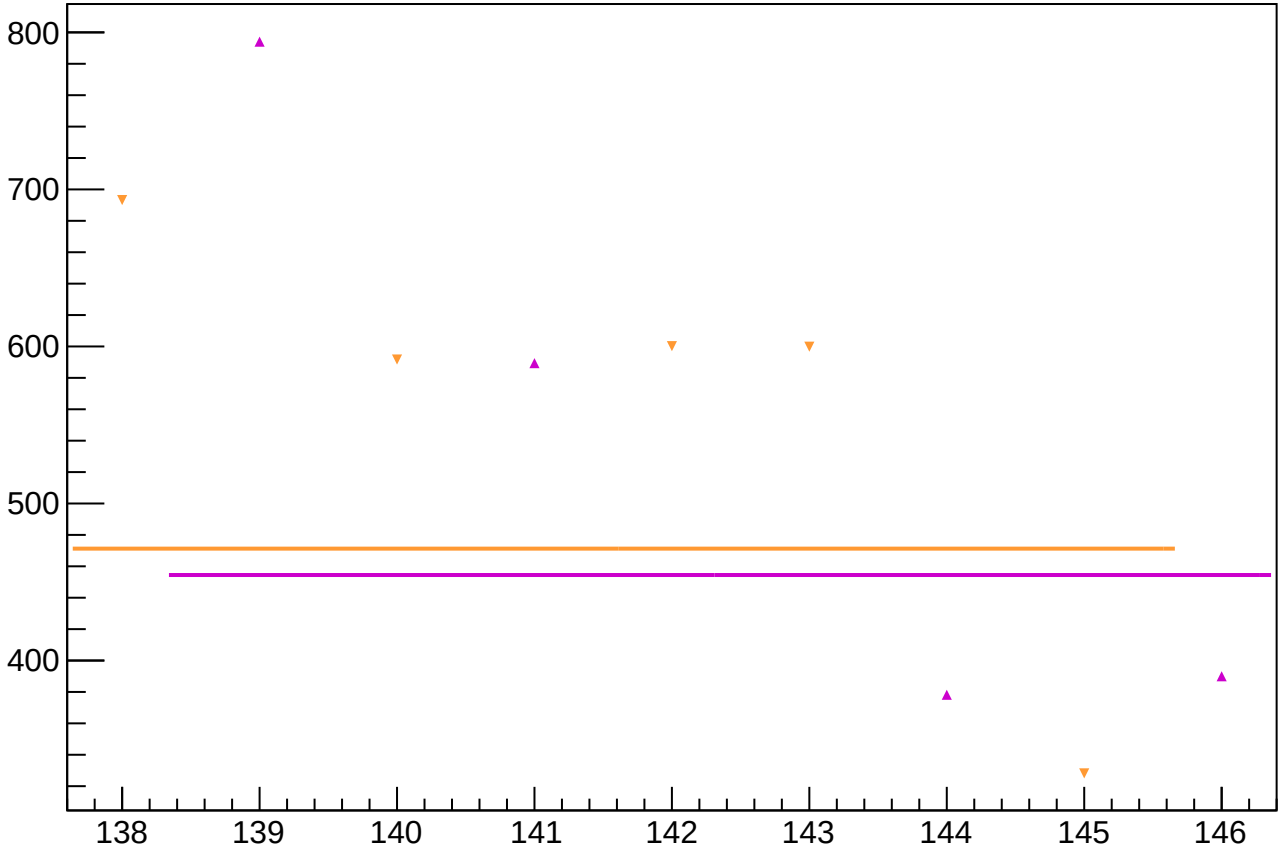
Left In: -301.818+/-264.158 χ^2/NDF:1.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 36.717+/-189.100 χ^2/NDF: 13.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_rms vs Slug



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

Left Out: 471.261+/-0.191 χ^2/NDF:593369.4/4

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

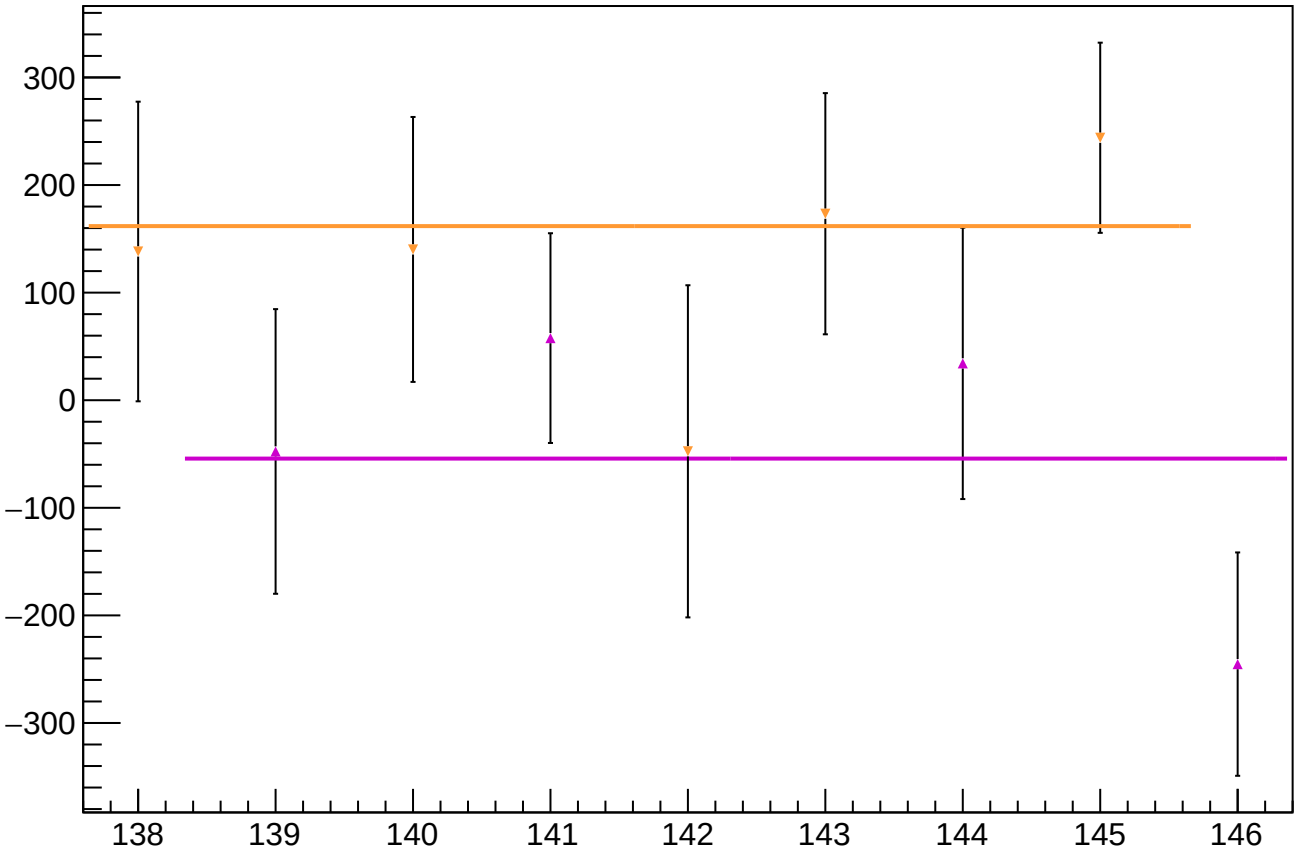
Left In: 454.462+/-0.187 χ^2/NDF:485401.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 462.652+/-0.134 χ^2/NDF: 1082714.3/8

- 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: 161.824+/-52.191 χ^2/NDF:2.8/4

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

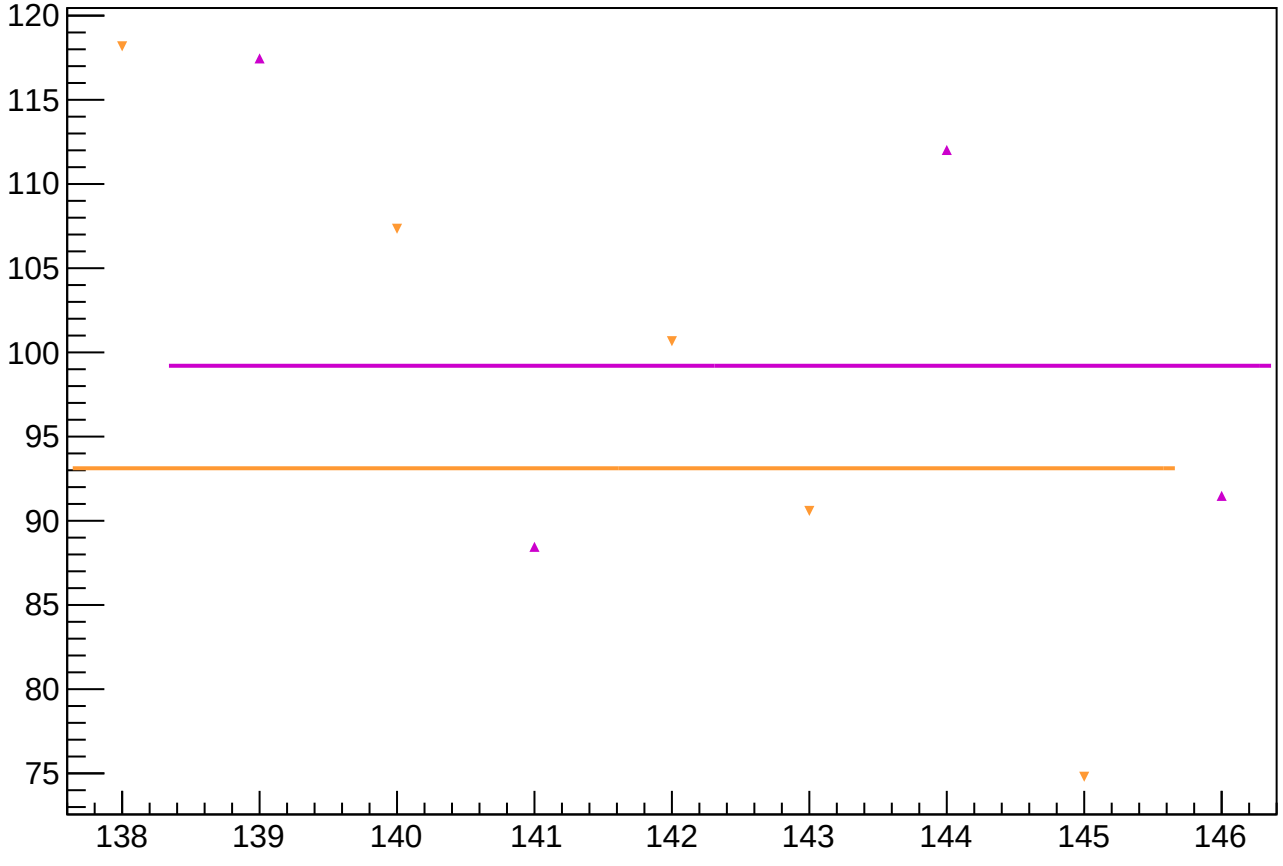
Left In: -54.254+/-56.070 χ^2/NDF:5.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.517+/-38.202 χ^2/NDF: 15.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_avg_rms vs Slug



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

Left Out: 93.119+/-0.037 χ^2/NDF:183189.6/4

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

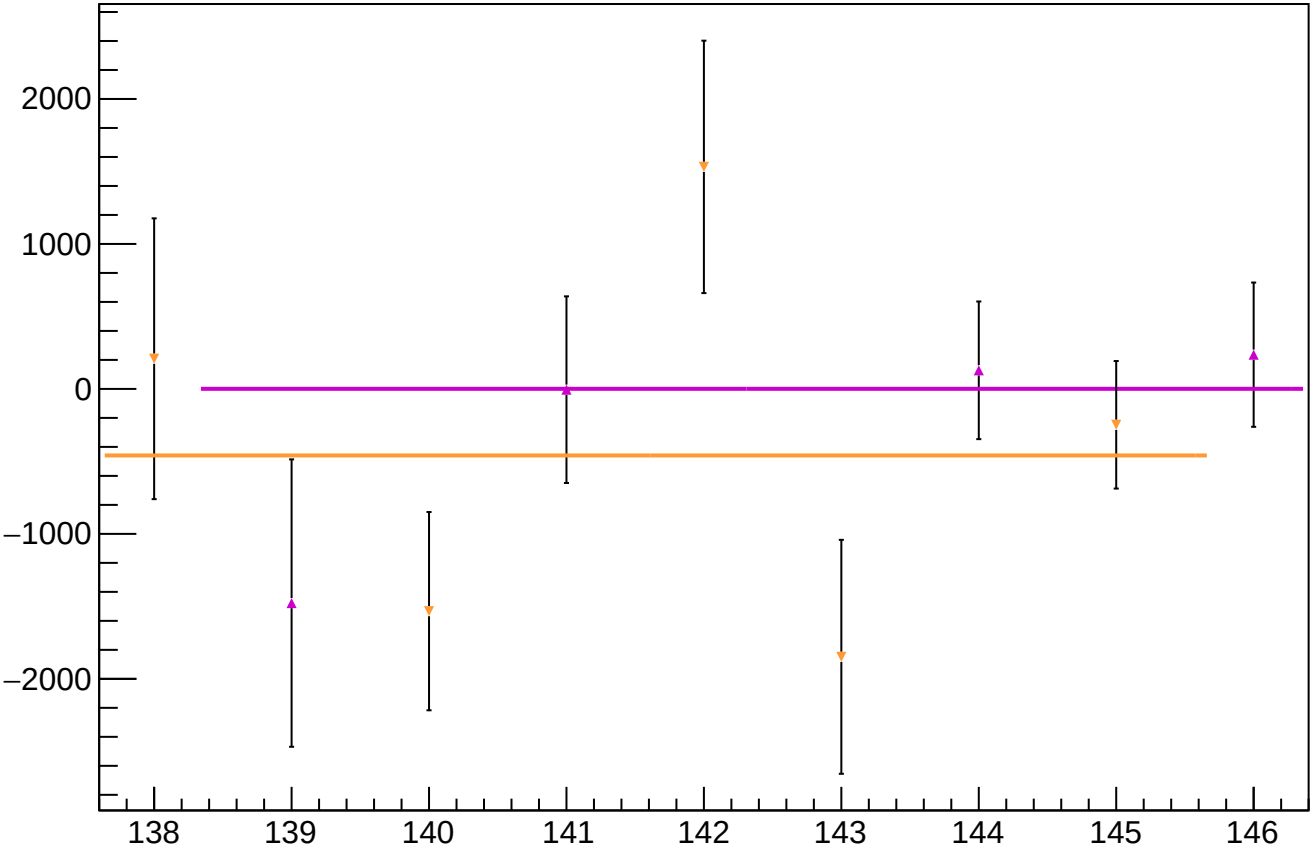
Left In: 99.206+/-0.040 χ^2/NDF:94150.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 95.945+/-0.027 χ^2/NDF: 289970.7/8

- 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: -458.973+/-298.457 χ^2/NDF:11.4/4

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

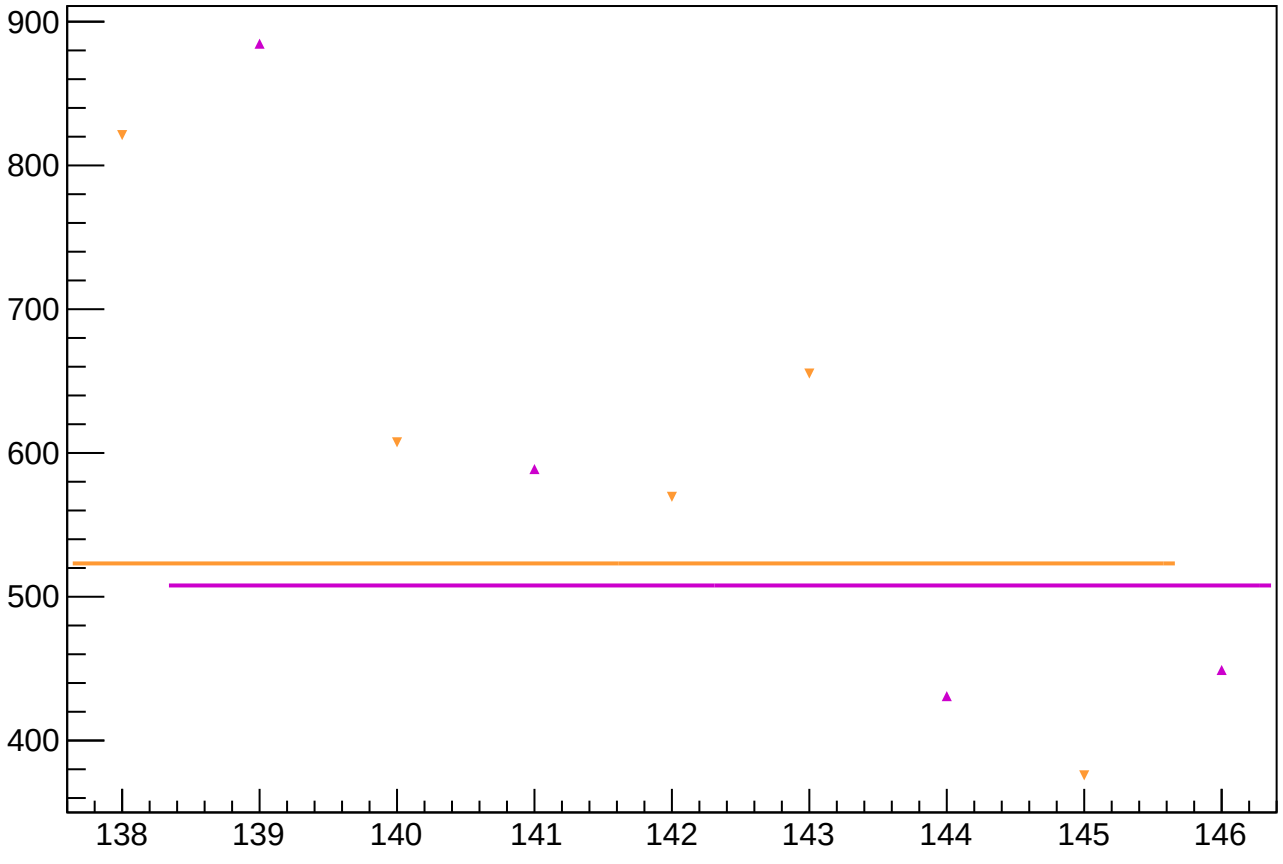
Left In: 0.578+/-289.800 χ^2/NDF:2.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -222.436+/-207.913 χ^2/NDF: 15.1/8

- 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: 523.178+/-0.211 χ^2/NDF:503347.6/4

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

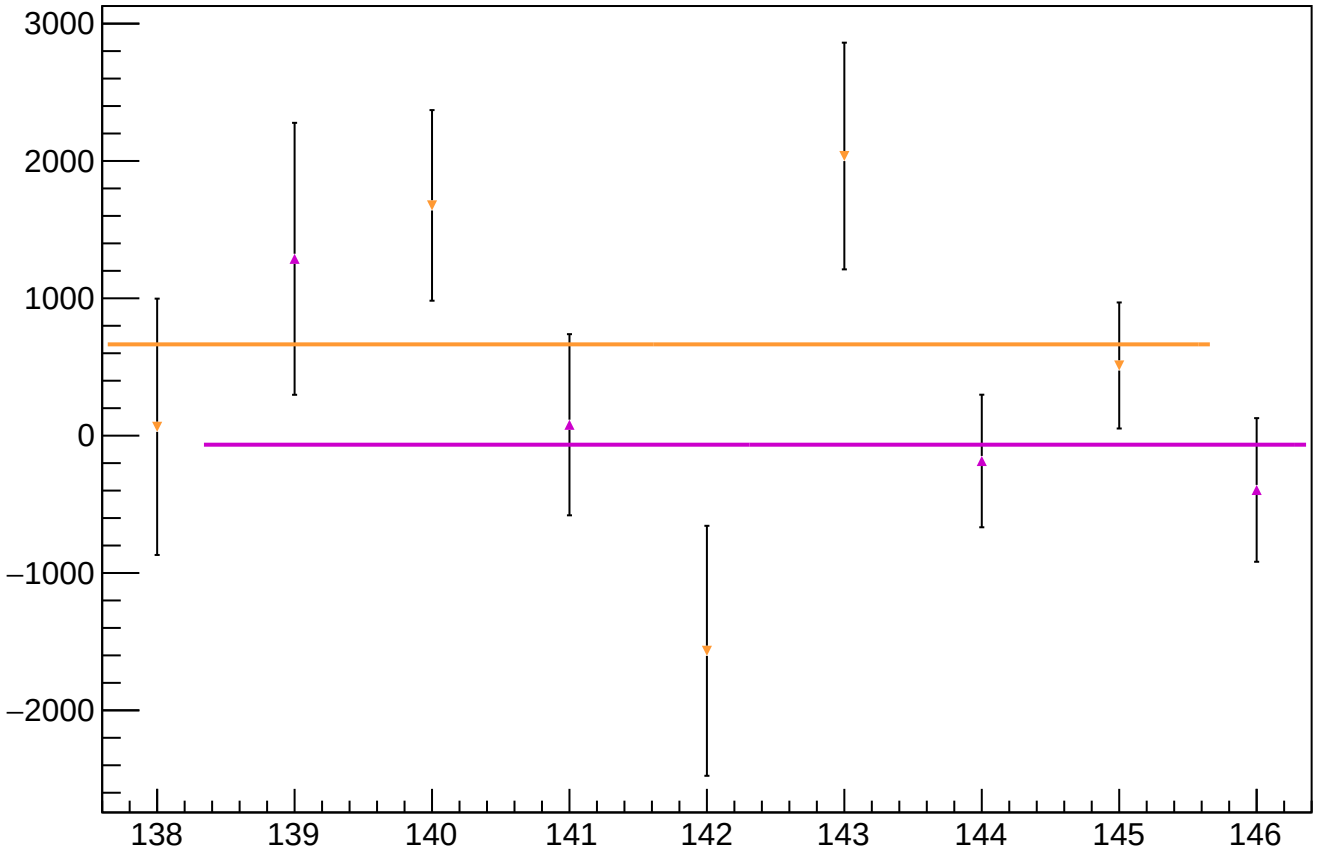
Left In: 507.847+/-0.205 χ^2/NDF:401162.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 515.287+/-0.147 χ^2/NDF: 907226.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_mean vs Slug



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

Left Out: 664.755+/-306.433 χ^2/NDF:11.4/4

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

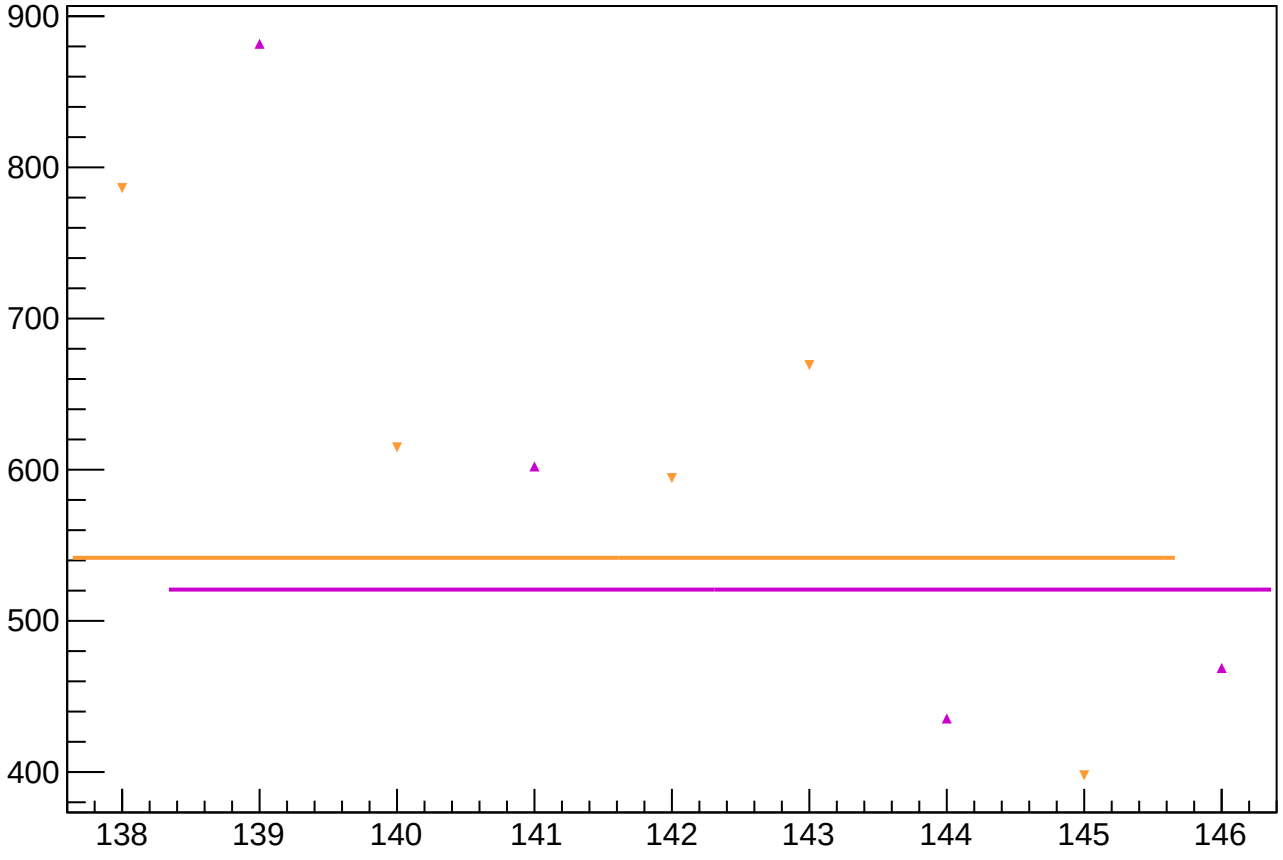
Left In: -65.853+/-297.896 χ^2/NDF:2.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 289.132+/-213.599 χ^2/NDF: 16.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_rms vs Slug



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

Left Out: 541.710+/-0.217 χ^2/NDF:410573.2/4

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

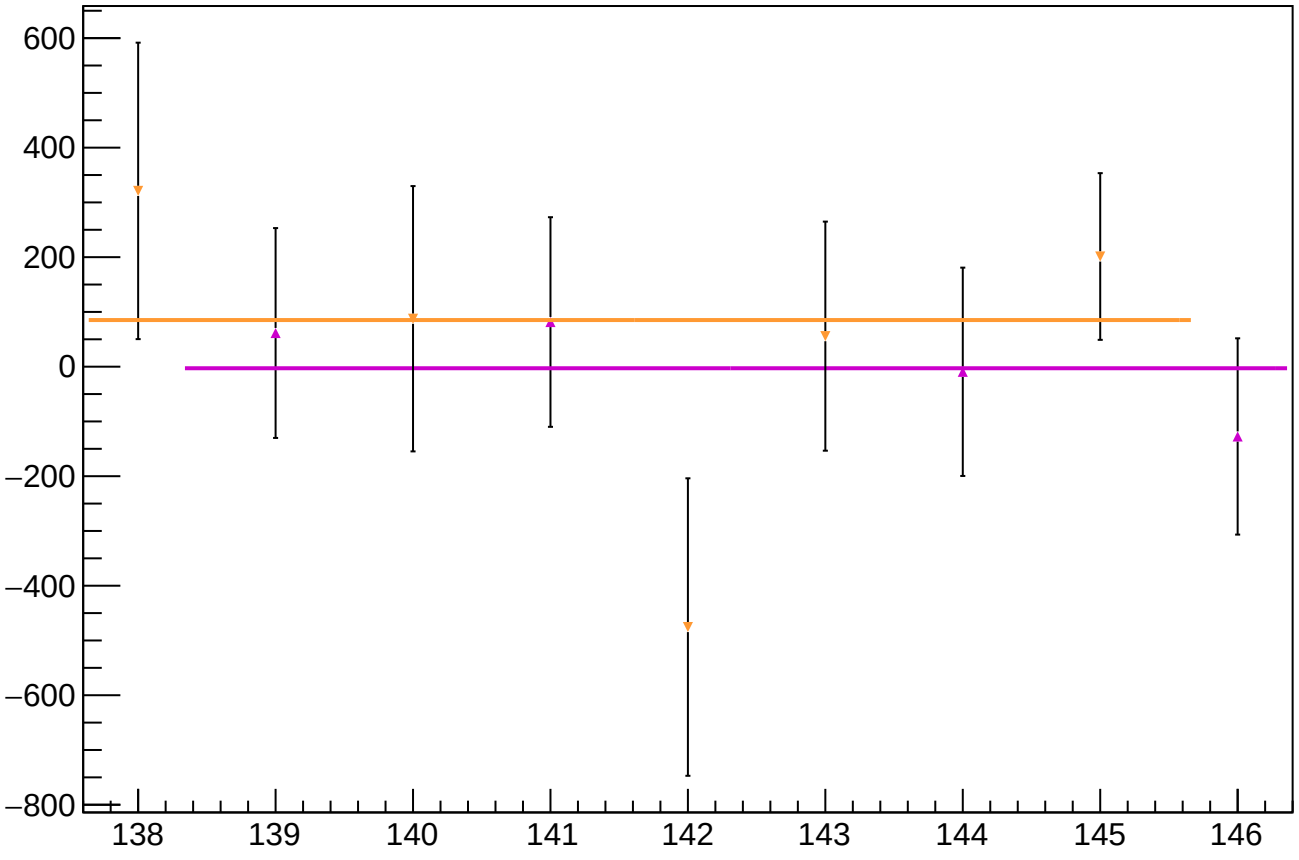
Left In: 520.699+/-0.211 χ^2/NDF:378601.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 530.908+/-0.151 χ^2/NDF: 794008.7/8

- 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: 85.148+/-95.238 χ^2/NDF:5.6/4

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

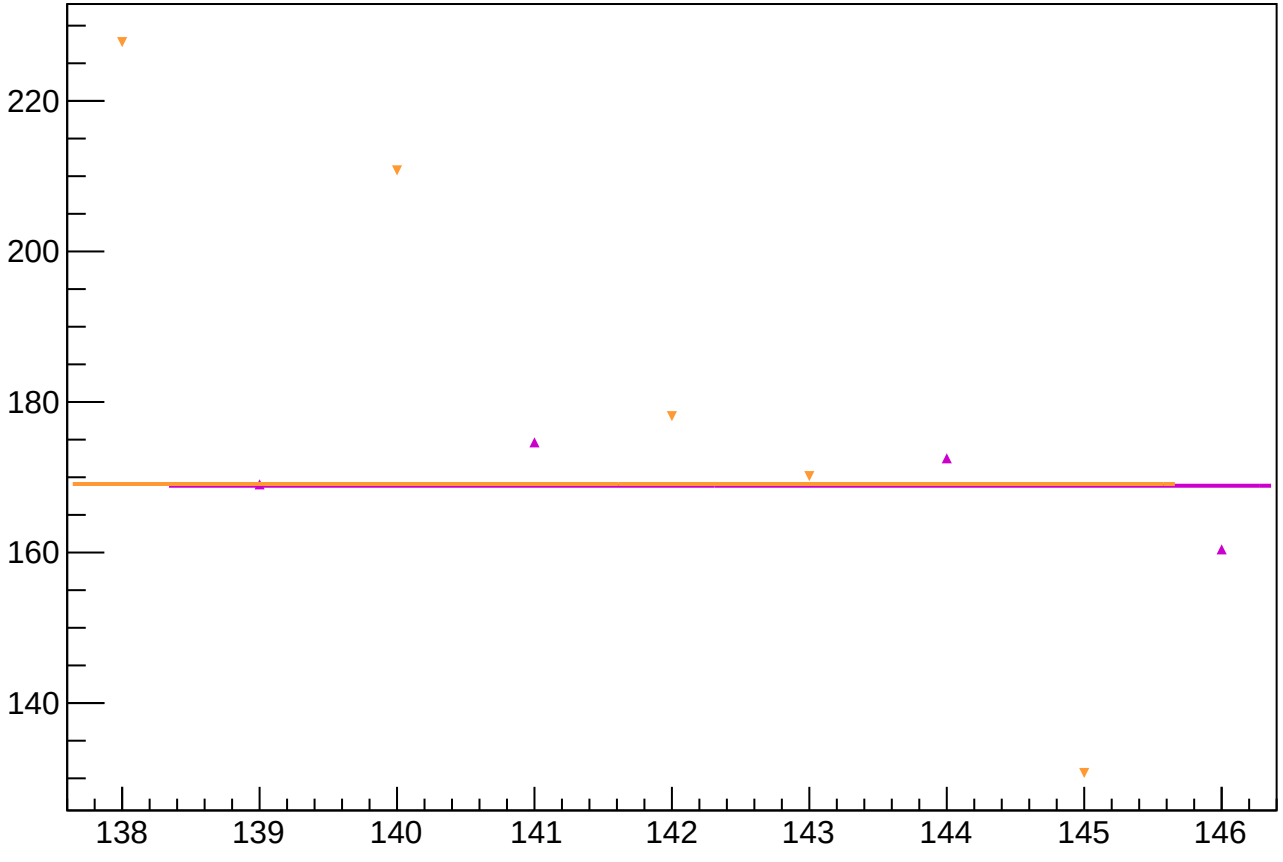
Left In: -2.861+/-93.951 χ^2/NDF:0.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.545+/-66.884 χ^2/NDF: 6.8/8

- 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: 169.105+/-0.067 χ^2/NDF:282724.8/4

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

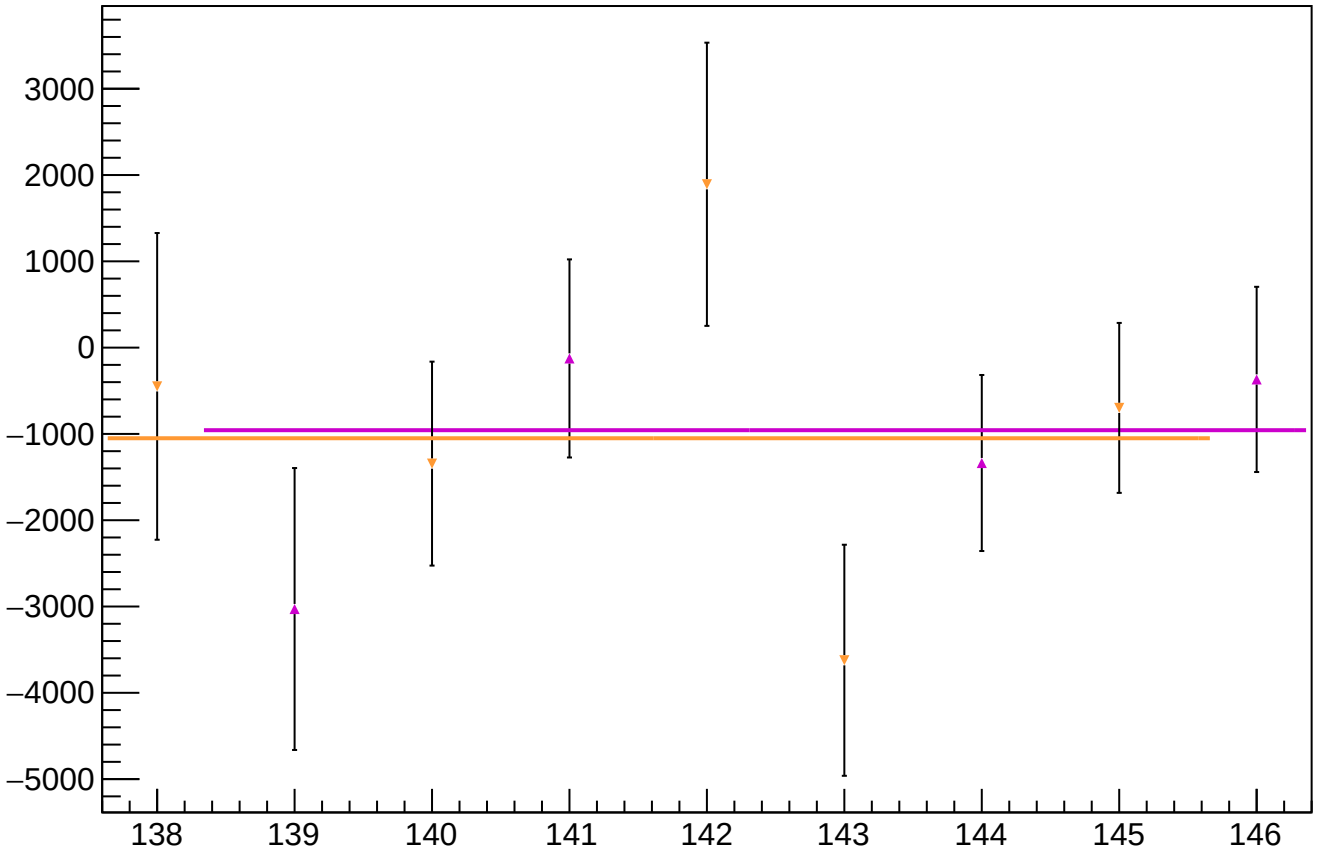
Left In: 168.875+/-0.066 χ^2/NDF:6996.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 168.988+/-0.047 χ^2/NDF: 289727.0/8

- 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: -1050.085+/-577.975 χ^2/NDF:7.2/4

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

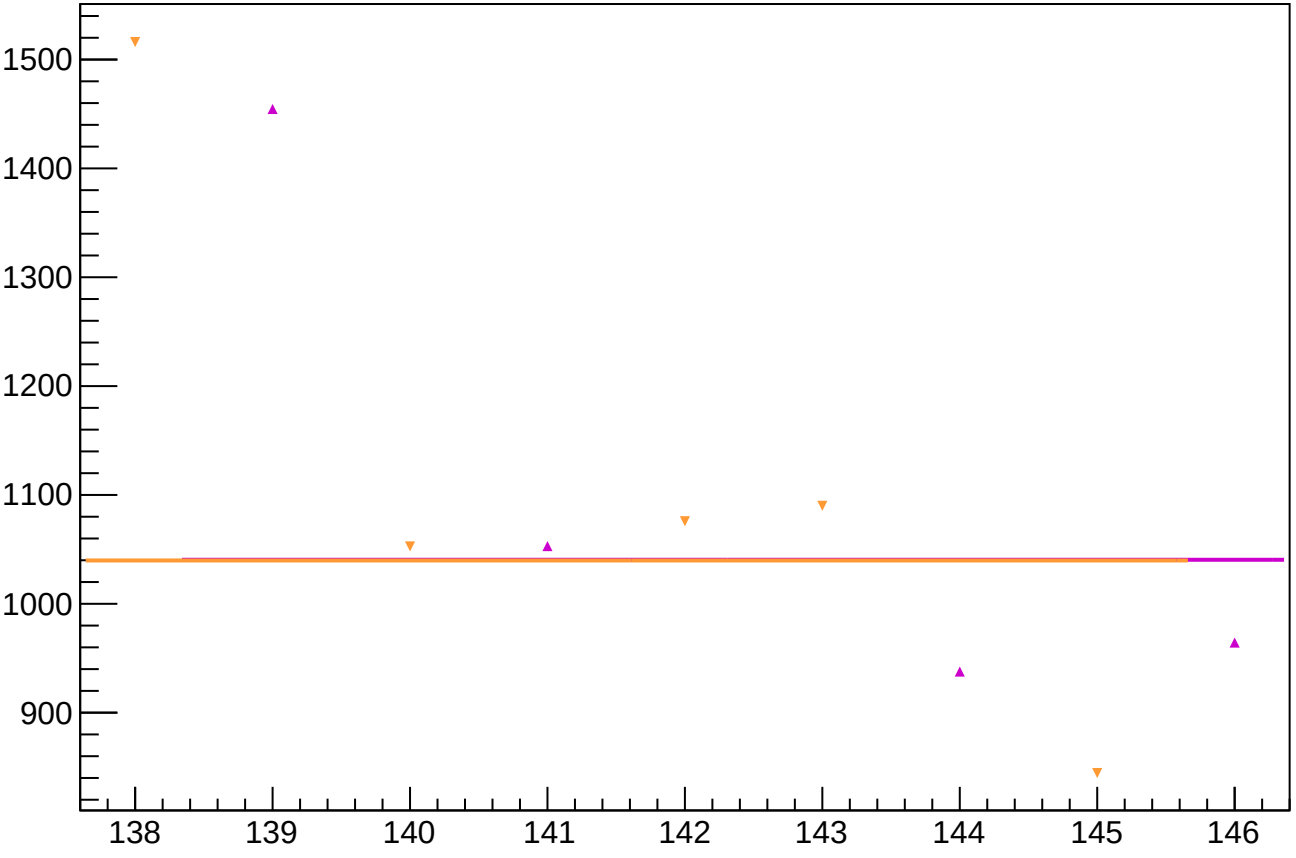
Left In: -956.781+/-580.894 χ^2/NDF:2.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1003.668+/-409.718 χ^2/NDF: 9.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_correction_rms vs Slug



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

Left Out: 1039.821+/-0.409 χ^2/NDF:226323.8/4

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

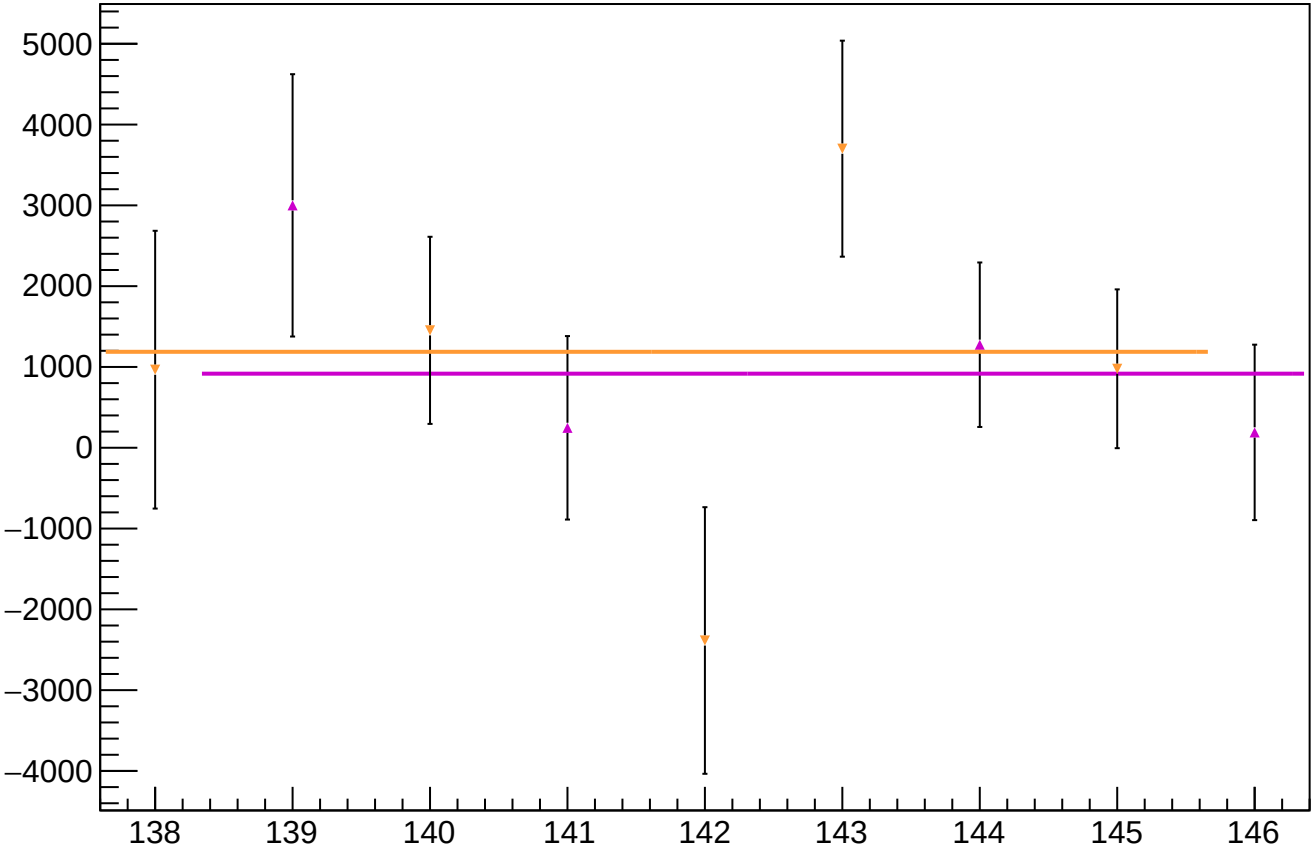
Left In: 1040.453+/-0.411 χ^2/NDF:159116.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1040.136+/-0.290 χ^2/NDF: 385441.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_mean vs Slug



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

Left Out: 1187.578+/-572.927 χ^2/NDF:8.3/4

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

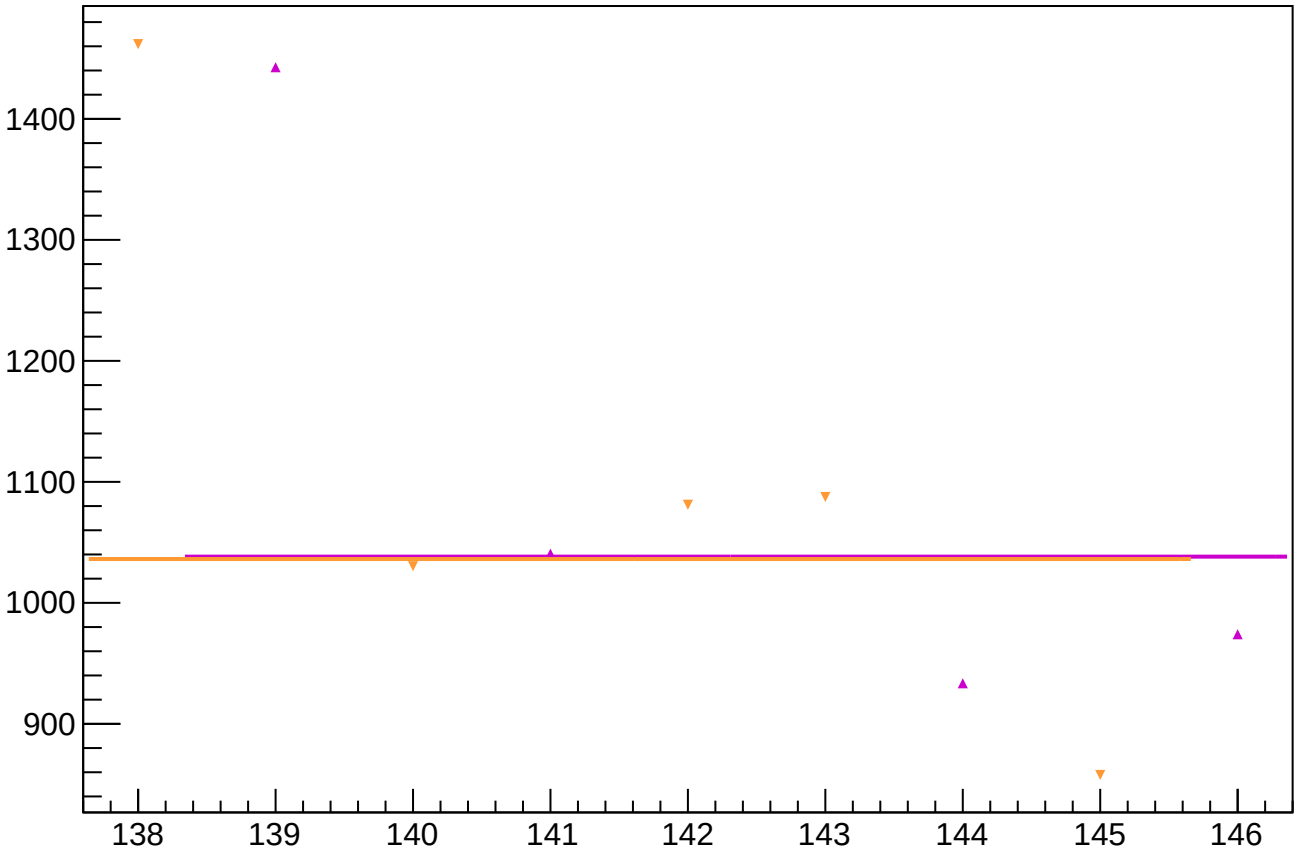
Left In: 916.865+/-580.422 χ^2/NDF:2.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1053.981+/-407.745 χ^2/NDF: 11.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_rms vs Slug



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

Left Out: 1036.227+/-0.405 χ^2/NDF:192999.0/4

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

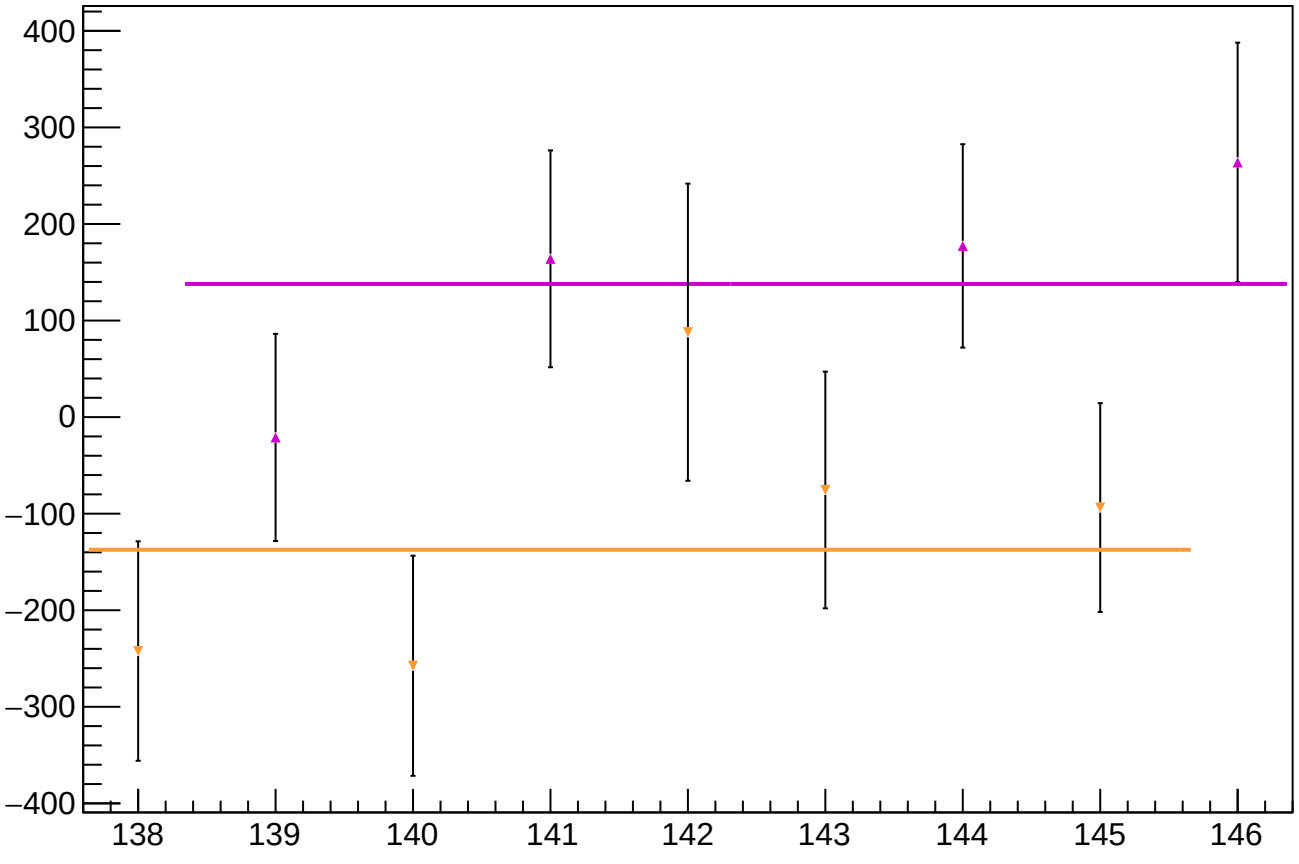
Left In: 1038.199+/-0.410 χ^2/NDF:152297.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1037.200+/-0.288 χ^2/NDF: 345308.2/8

- 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: -137.375+/-53.545 χ^2/NDF:4.5/4

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

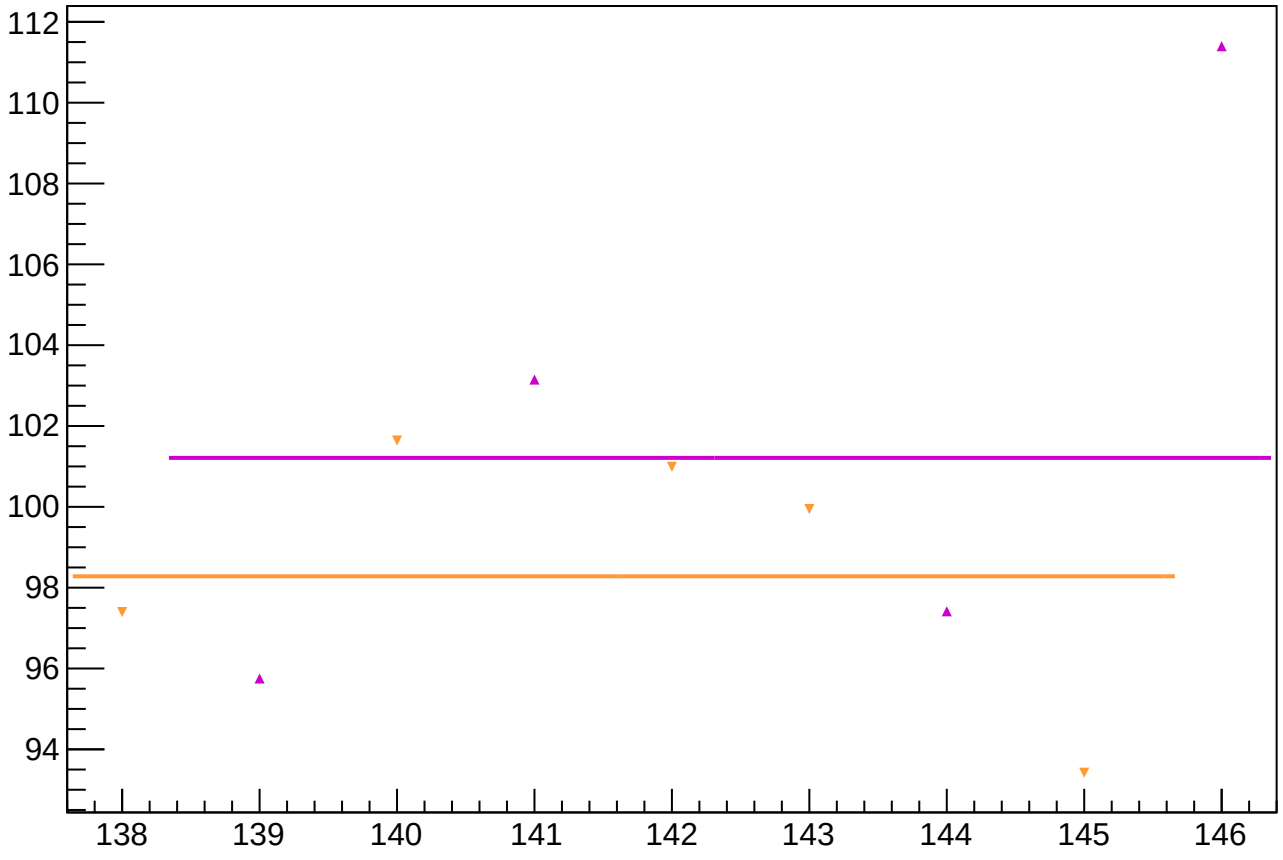
Left In: 137.897+/-55.773 χ^2/NDF:3.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.347+/-38.625 χ^2/NDF: 20.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 98.281+/-0.038 χ^2/NDF:6887.7/4

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

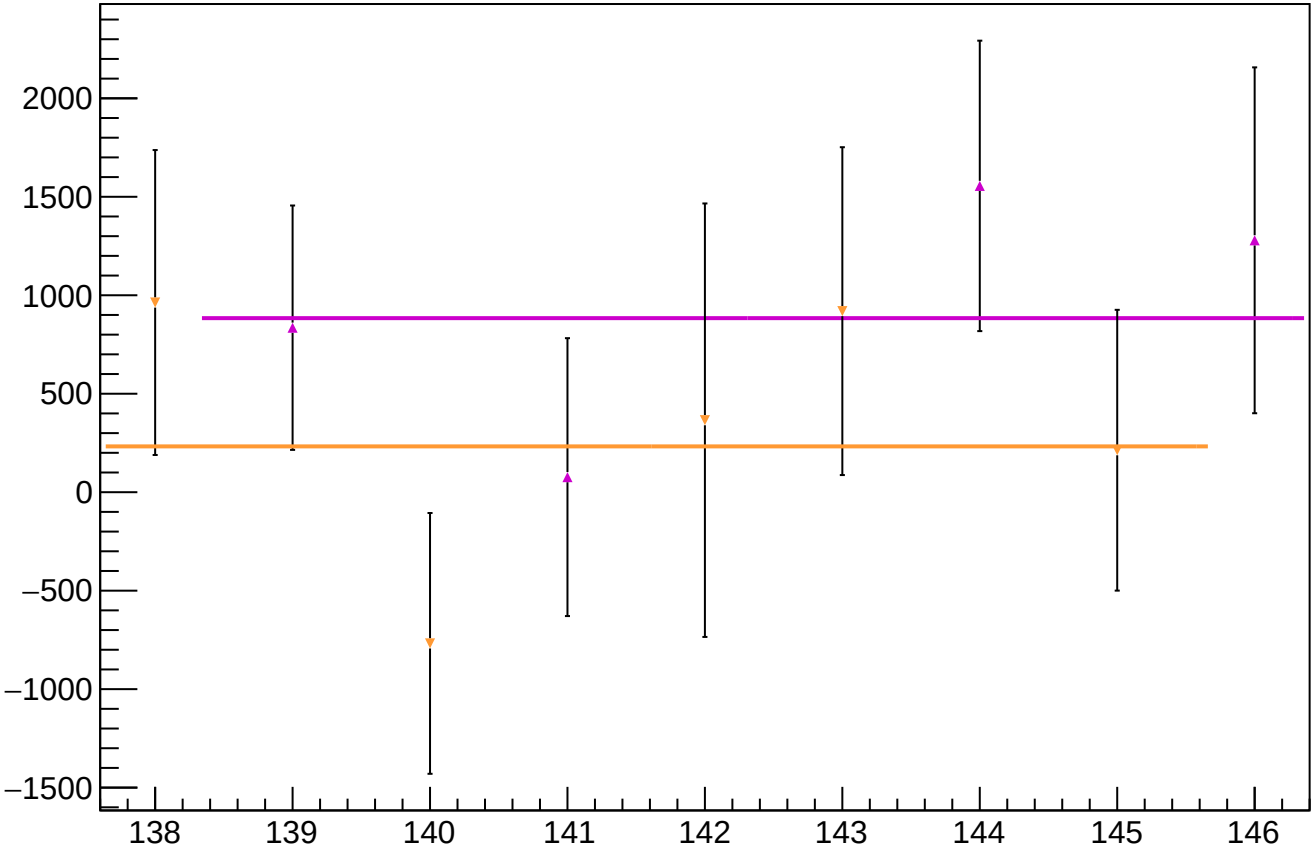
Left In: 101.212+/-0.039 χ^2/NDF:21880.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 99.687+/-0.027 χ^2/NDF: 31641.4/8

- 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: 232.604+/-349.505 χ^2/NDF:3.9/4

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

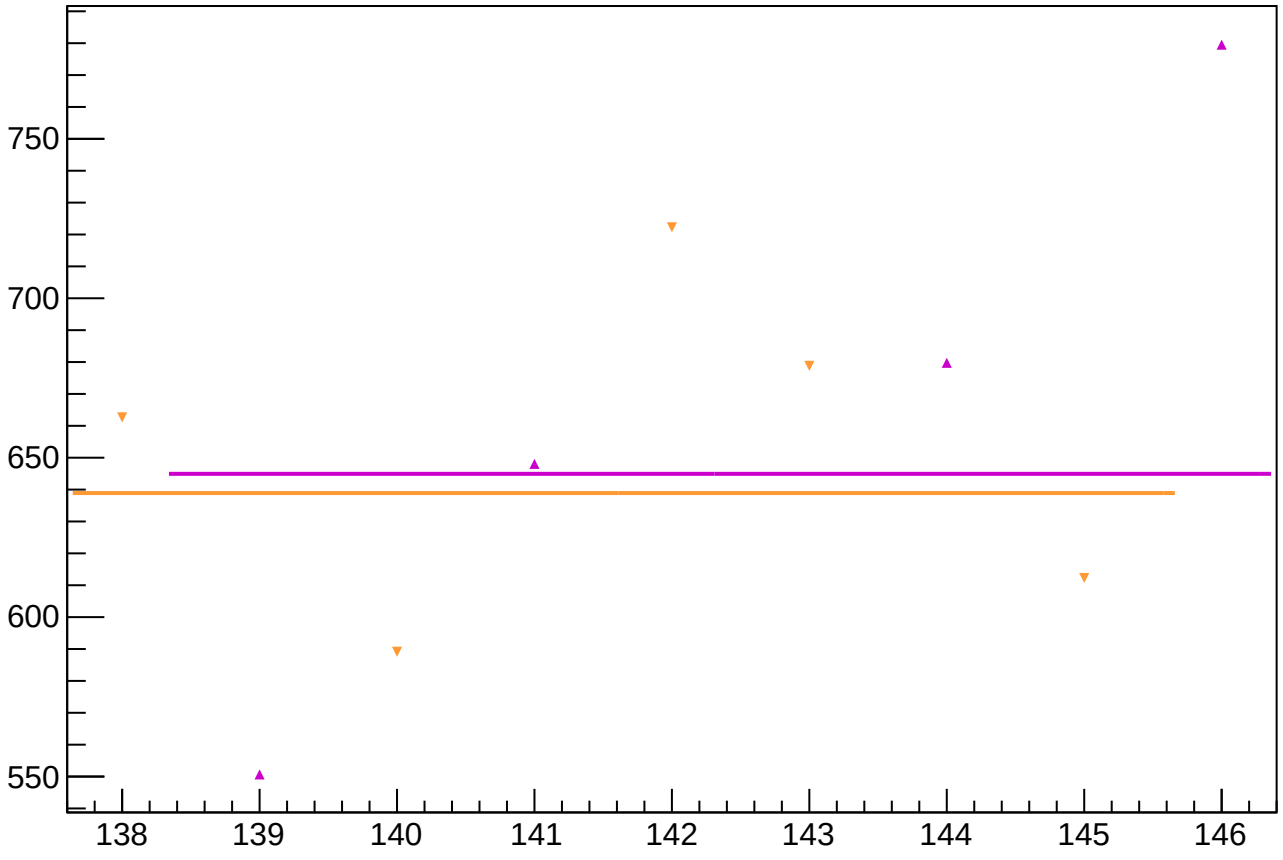
Left In: 883.800+/-359.373 χ^2/NDF:2.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 549.139+/-250.554 χ^2/NDF: 7.9/8

- 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: 638.914+/-0.247 χ^2/NDF:32039.8/4

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

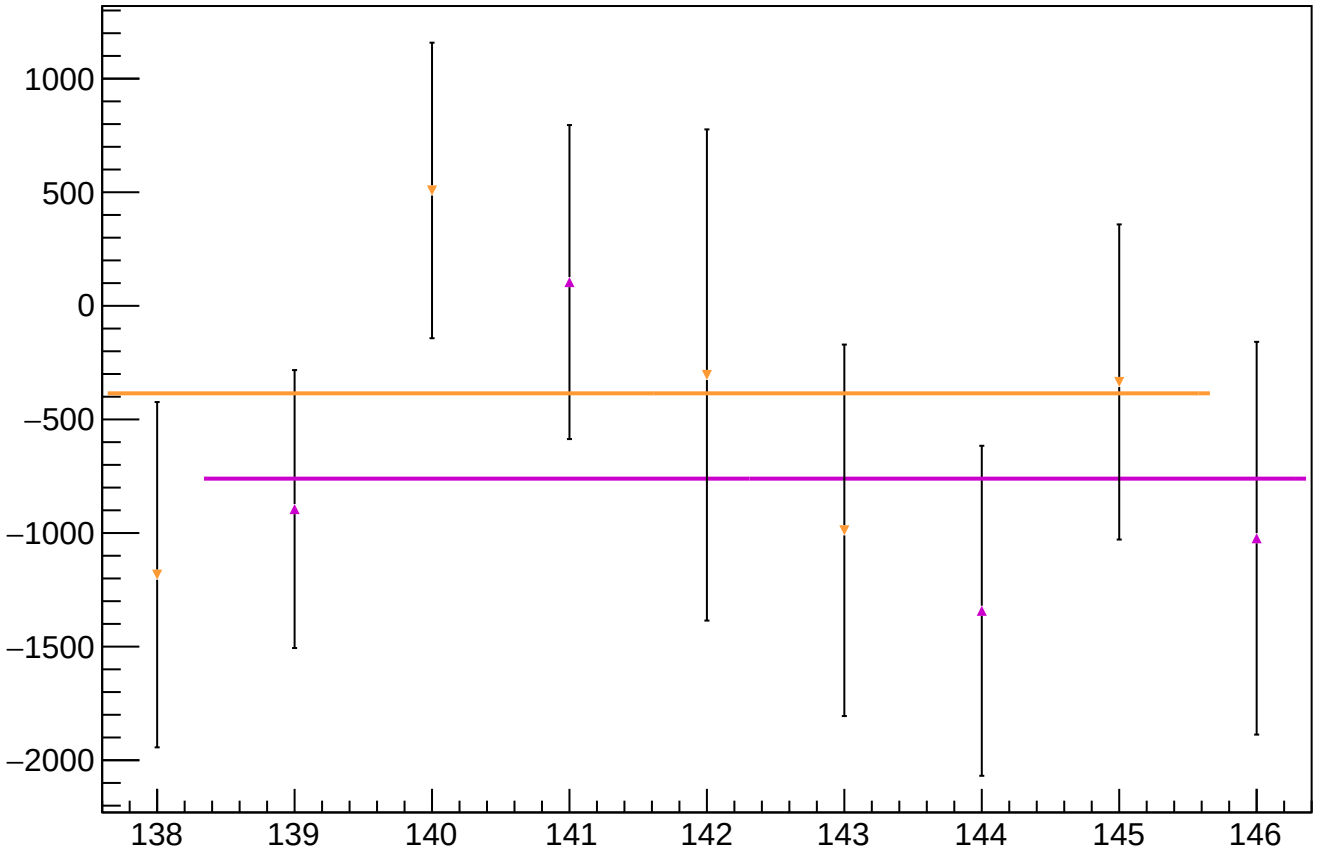
Left In: 644.941+/-0.254 χ^2/NDF:97659.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 641.844+/-0.177 χ^2/NDF: 129988.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -385.151+/-342.477 χ^2/NDF:3.5/4

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

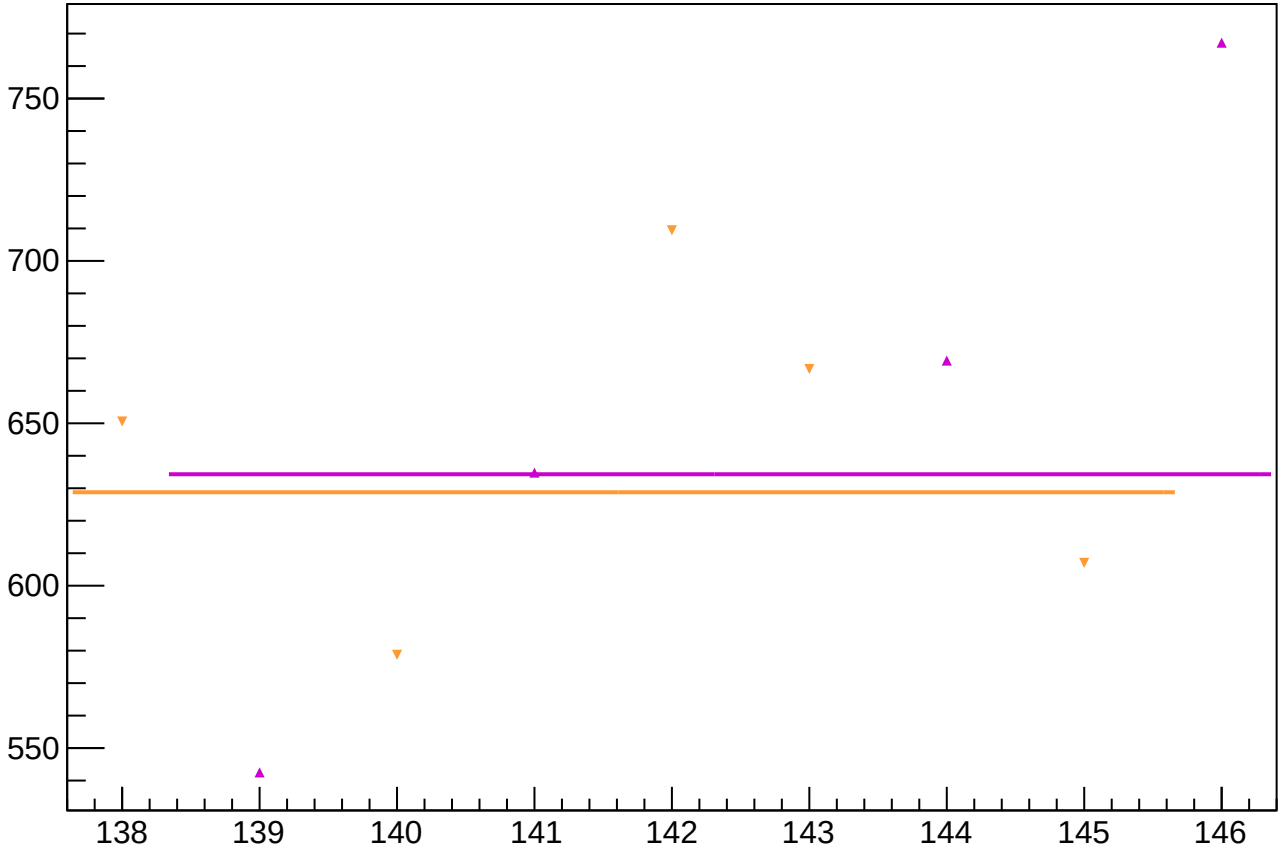
Left In: -760.602+/-353.558 χ^2/NDF:2.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -566.901+/-245.992 χ^2/NDF: 6.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_rms vs Slug



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

Left Out: 628.771+/-0.242 χ^2/NDF:30892.4/4

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

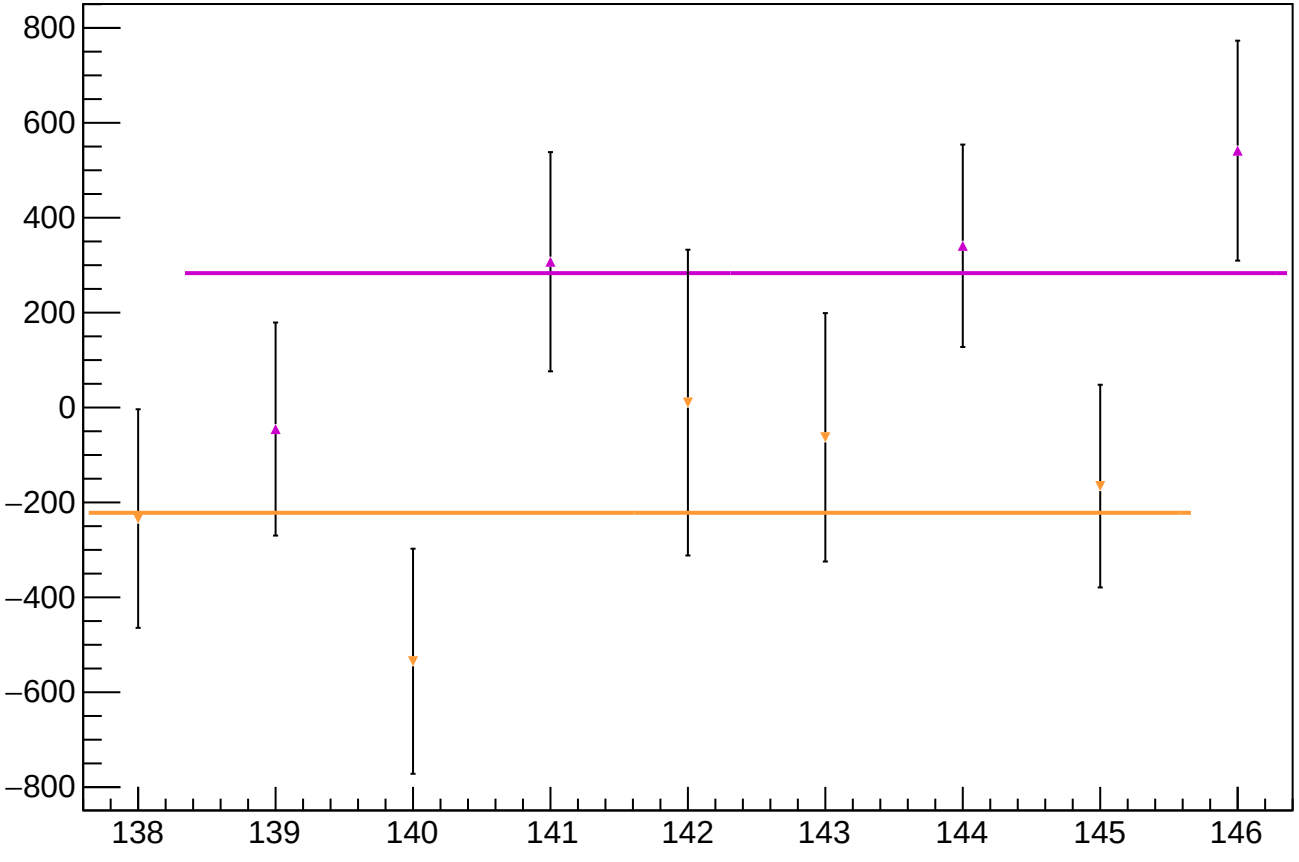
Left In: 634.316+/-0.250 χ^2/NDF:96956.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 631.456+/-0.174 χ^2/NDF: 128103.2/8

- 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: -221.802+/-109.914 χ^2/NDF:2.7/4

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

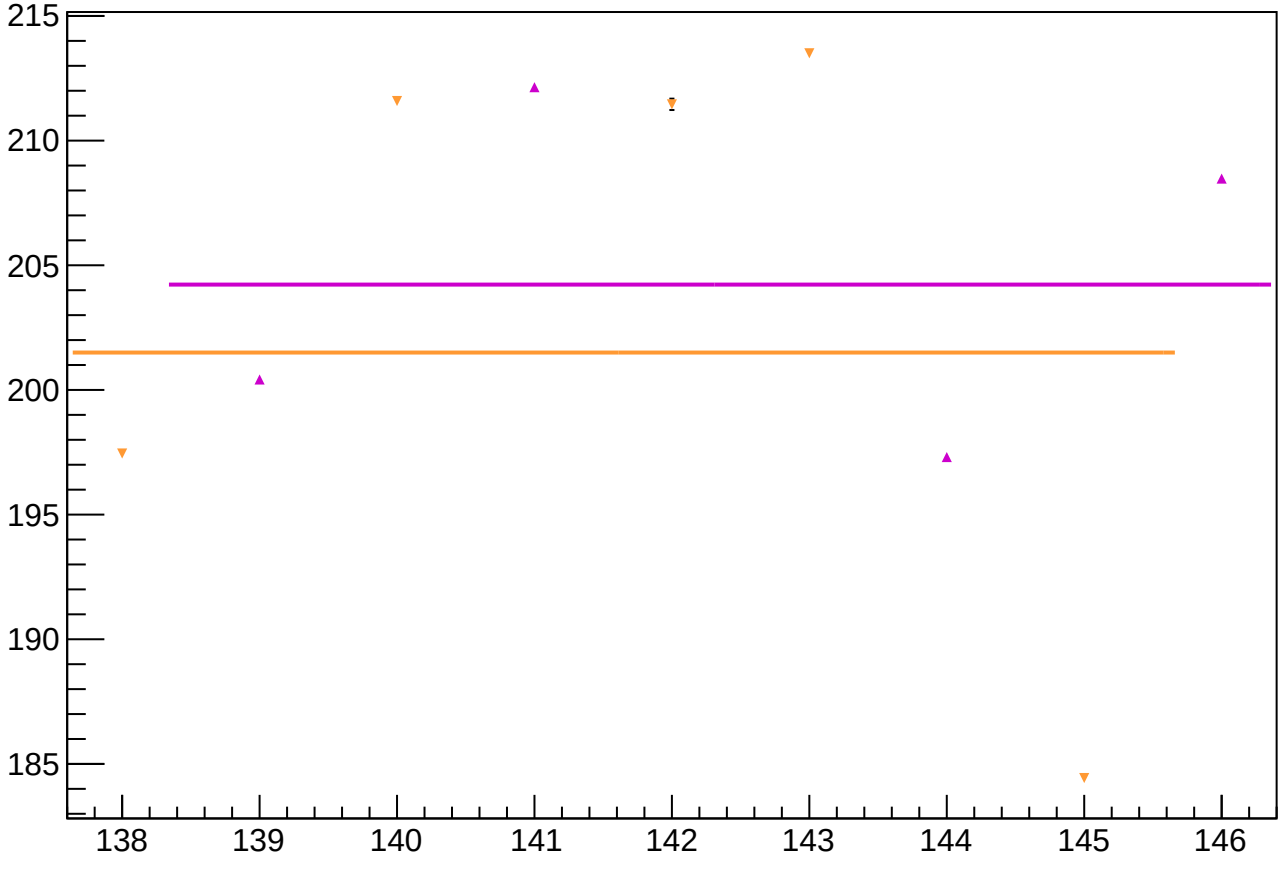
Left In: 283.254+/-112.379 χ^2/NDF:3.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 25.125+/-78.578 χ^2/NDF: 16.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 201.500+/-0.078 χ^2/NDF:23119.9/4

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

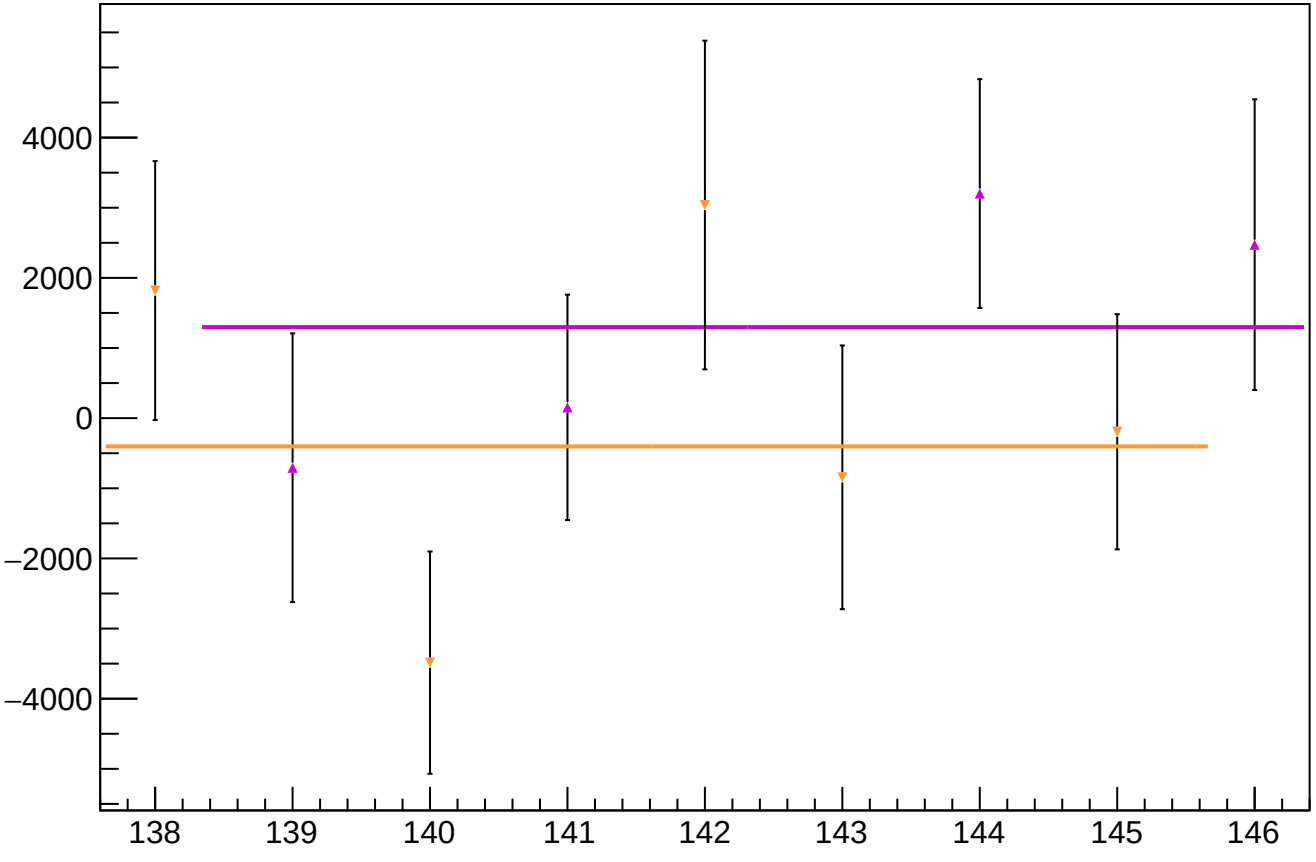
Left In: 204.225+/-0.079 χ^2/NDF:5700.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 202.832+/-0.056 χ^2/NDF: 29422.0/8

- 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: -402.648+/-813.098 χ^2/NDF:7.5/4

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

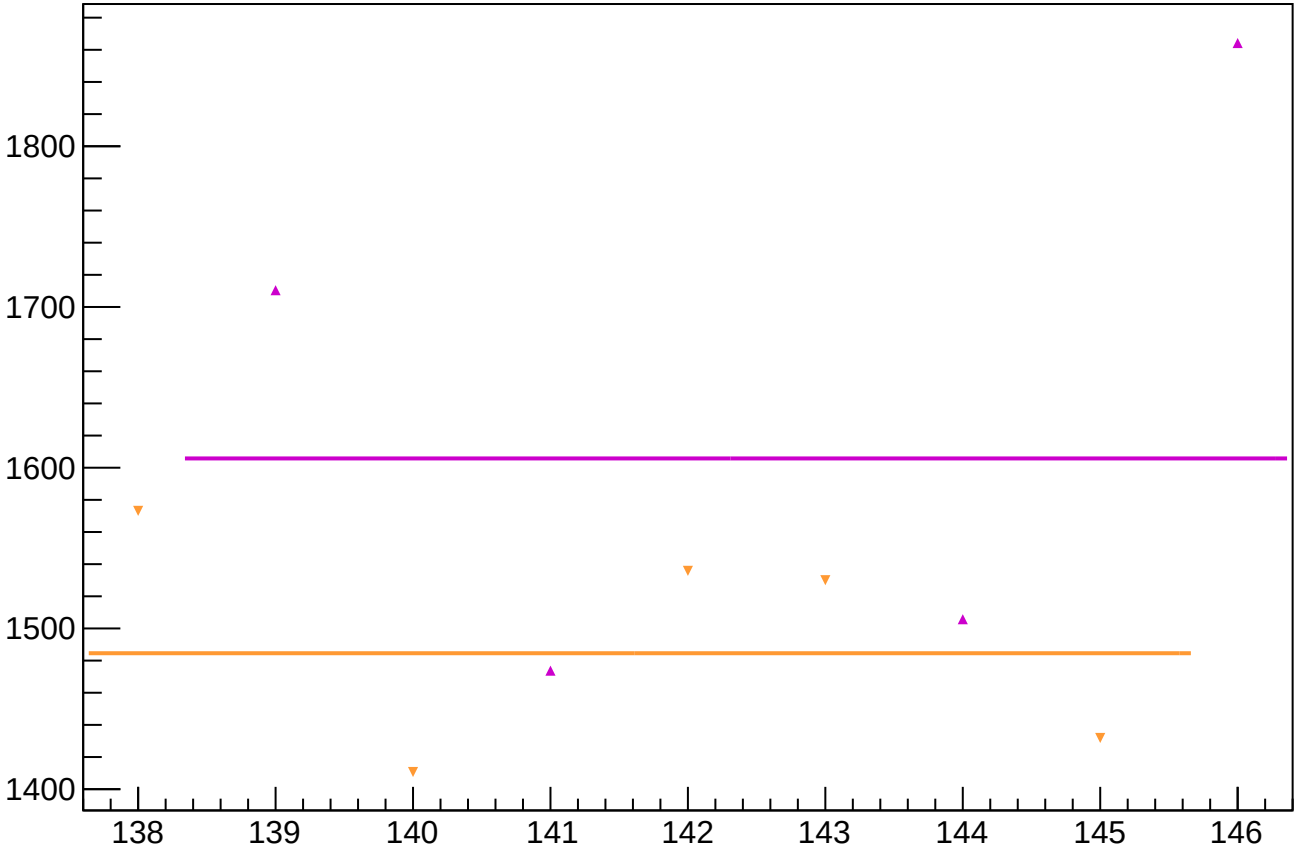
Left In: 1297.790+/-888.077 χ^2/NDF:3.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 372.770+/-599.706 χ^2/NDF: 12.7/8

- 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: 1484.582+/-0.575 χ^2/NDF:13055.1/4

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

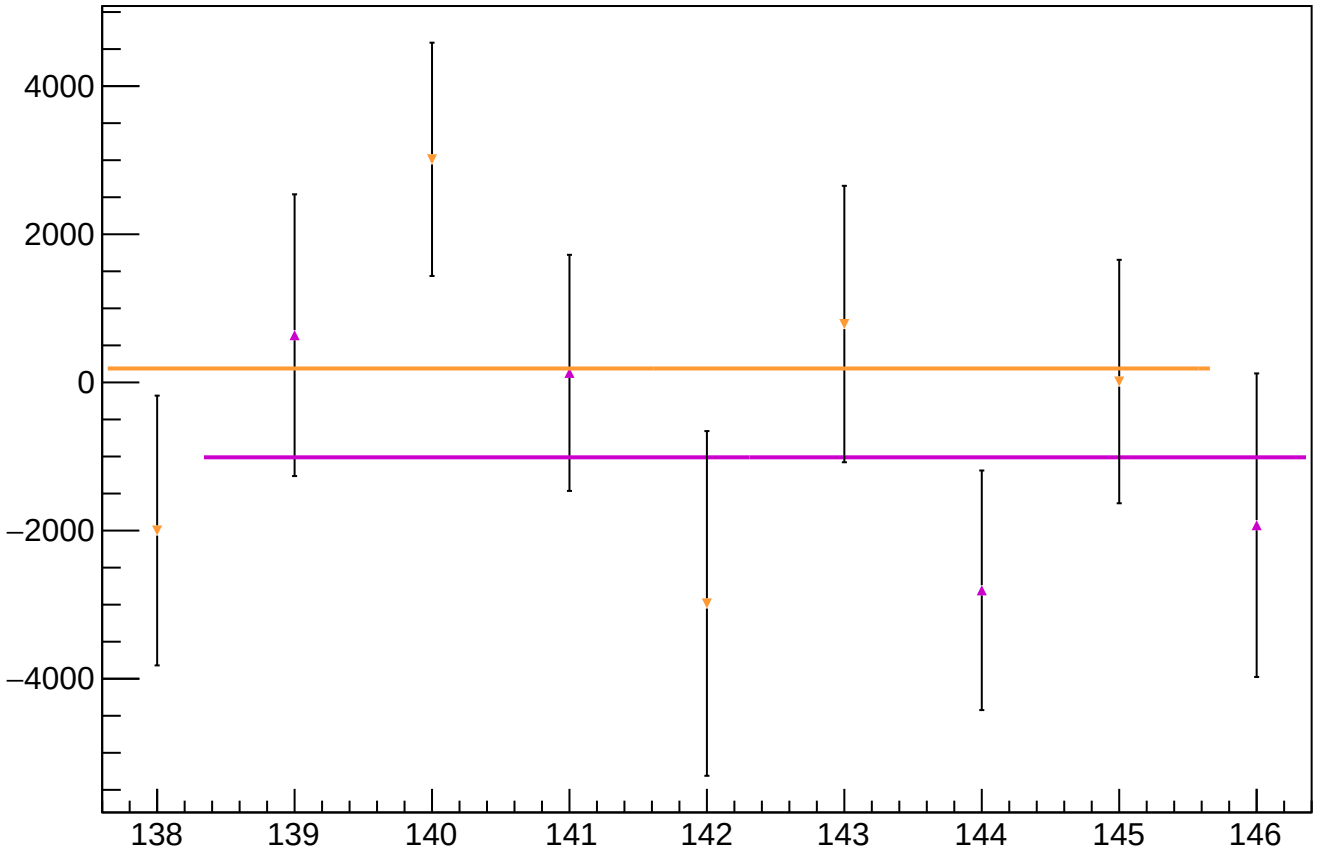
Left In: 1605.772+/-0.628 χ^2/NDF:58084.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1539.846+/-0.424 χ^2/NDF: 91400.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_mean vs Slug



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

Left Out: 188.248+/-803.960 χ^2/NDF:6.6/4

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

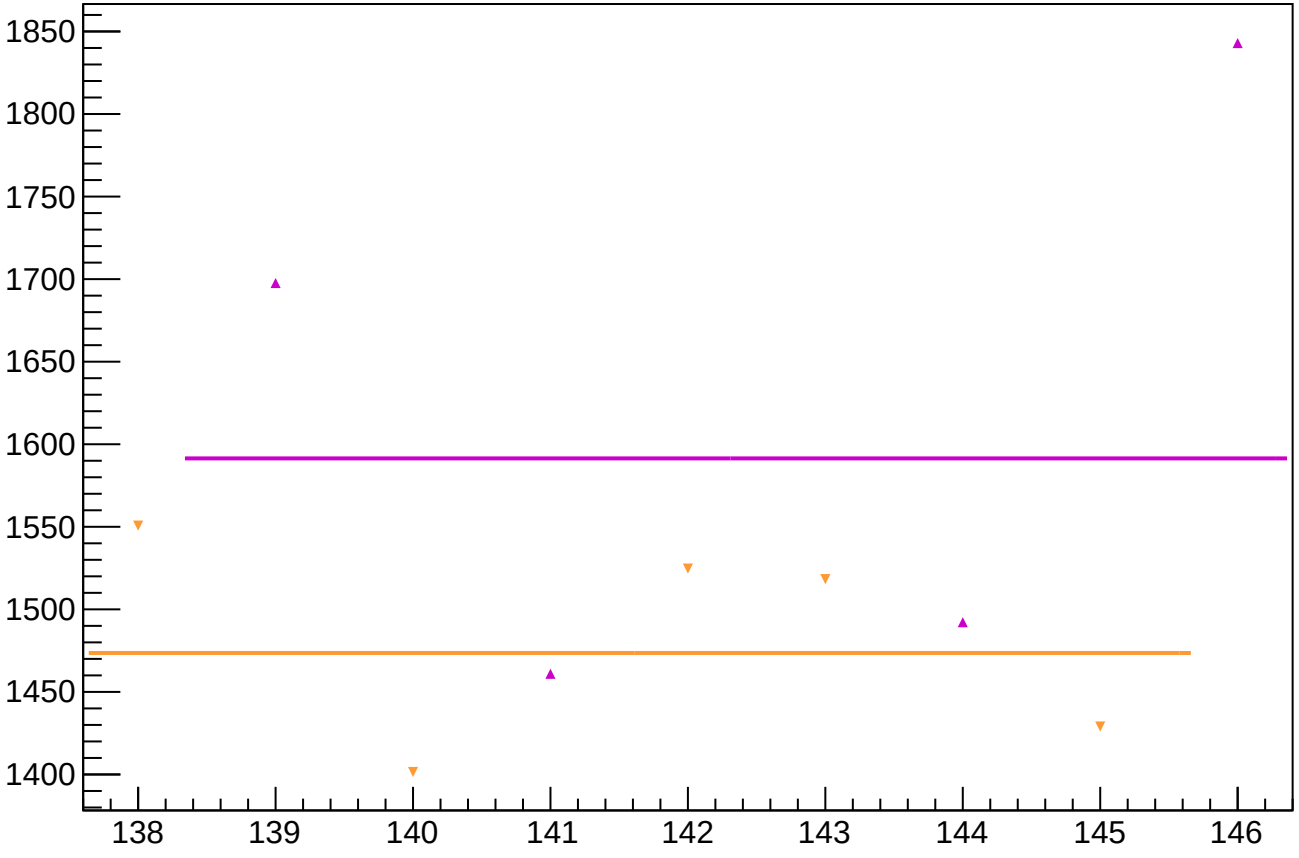
Left In: -1010.897+/-880.161 χ^2/NDF:2.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -357.178+/-593.600 χ^2/NDF: 10.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_rms vs Slug



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

Left Out: 1473.581+/-0.568 χ^2/NDF:11359.5/4

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

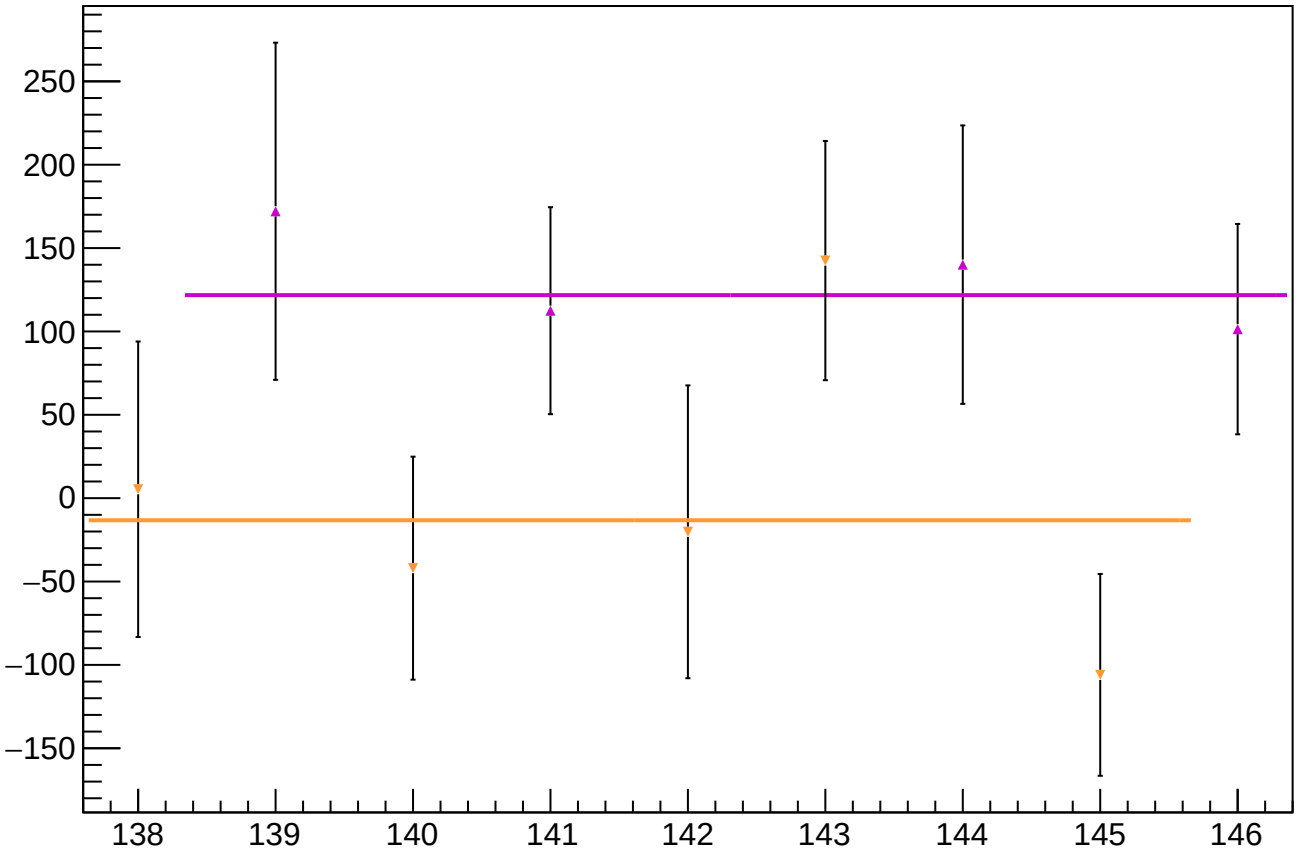
Left In: 1591.427+/-0.622 χ^2/NDF:57313.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1527.183+/-0.420 χ^2/NDF: 88218.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -13.261+/-32.480 χ^2/NDF:7.3/4

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

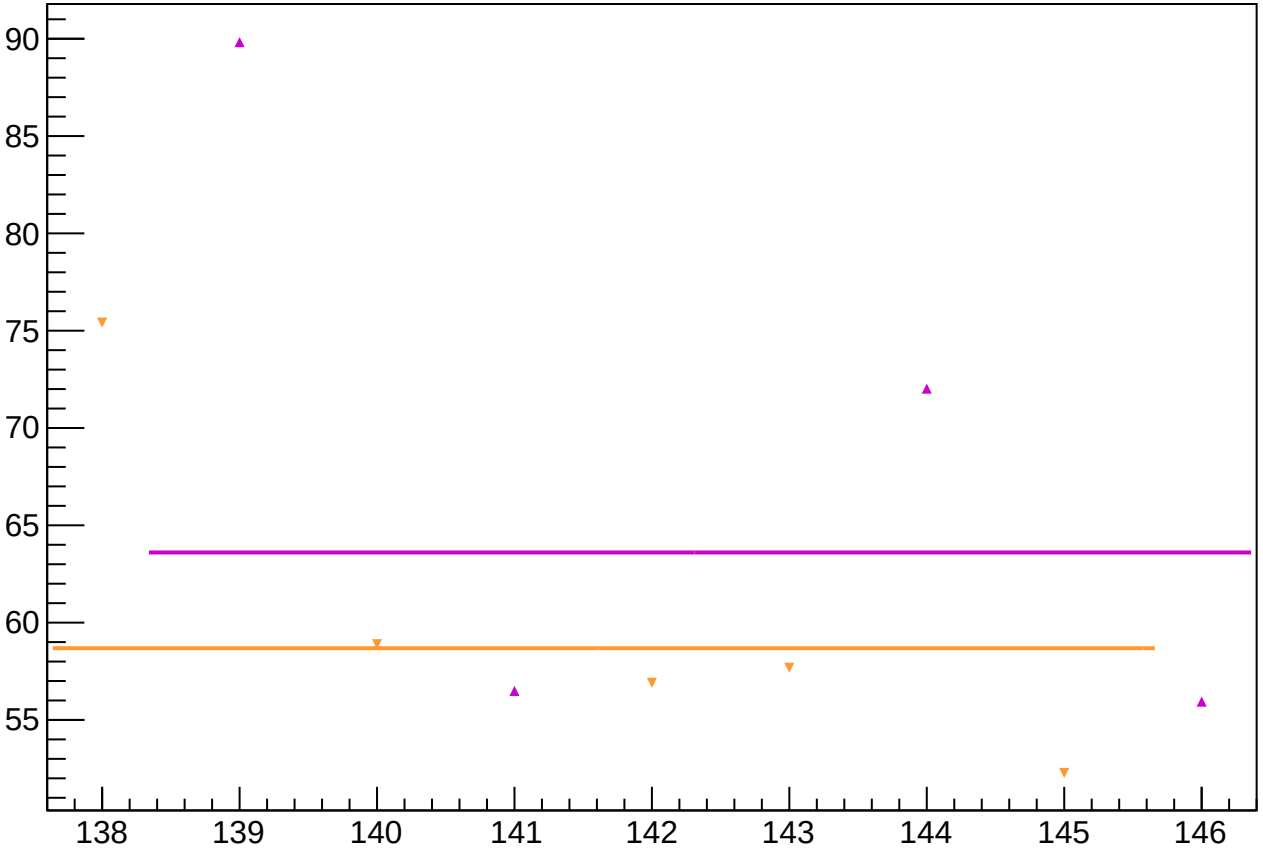
Left In: 121.775+/-36.465 χ^2/NDF:0.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 46.478+/-24.254 χ^2/NDF: 15.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 58.685+/-0.023 χ^2/NDF:94898.9/4

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

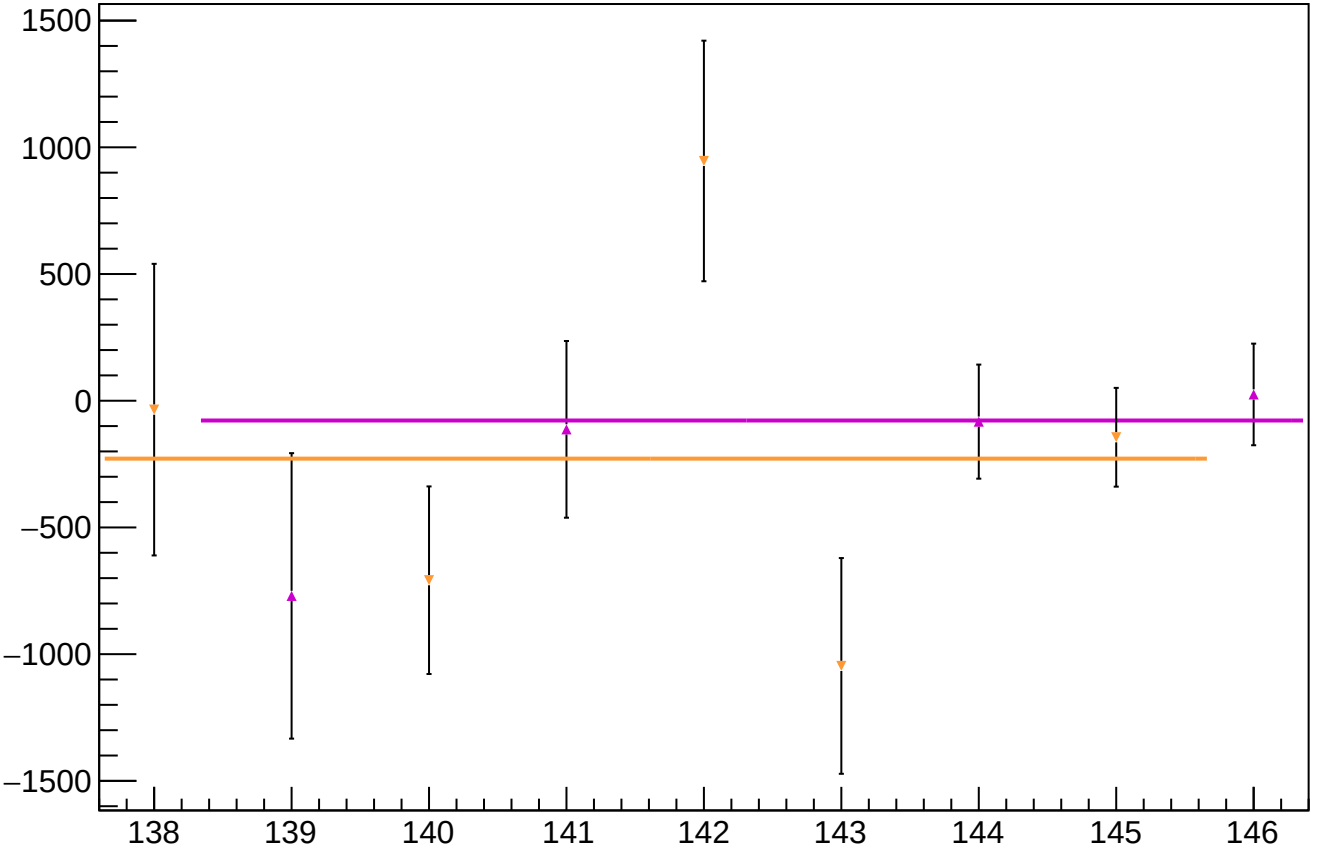
Left In: 63.605+/-0.026 χ^2/NDF:210630.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 60.862+/-0.017 χ^2/NDF: 325831.4/8

- 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: -228.448+/-146.465 χ^2/NDF:11.8/4

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

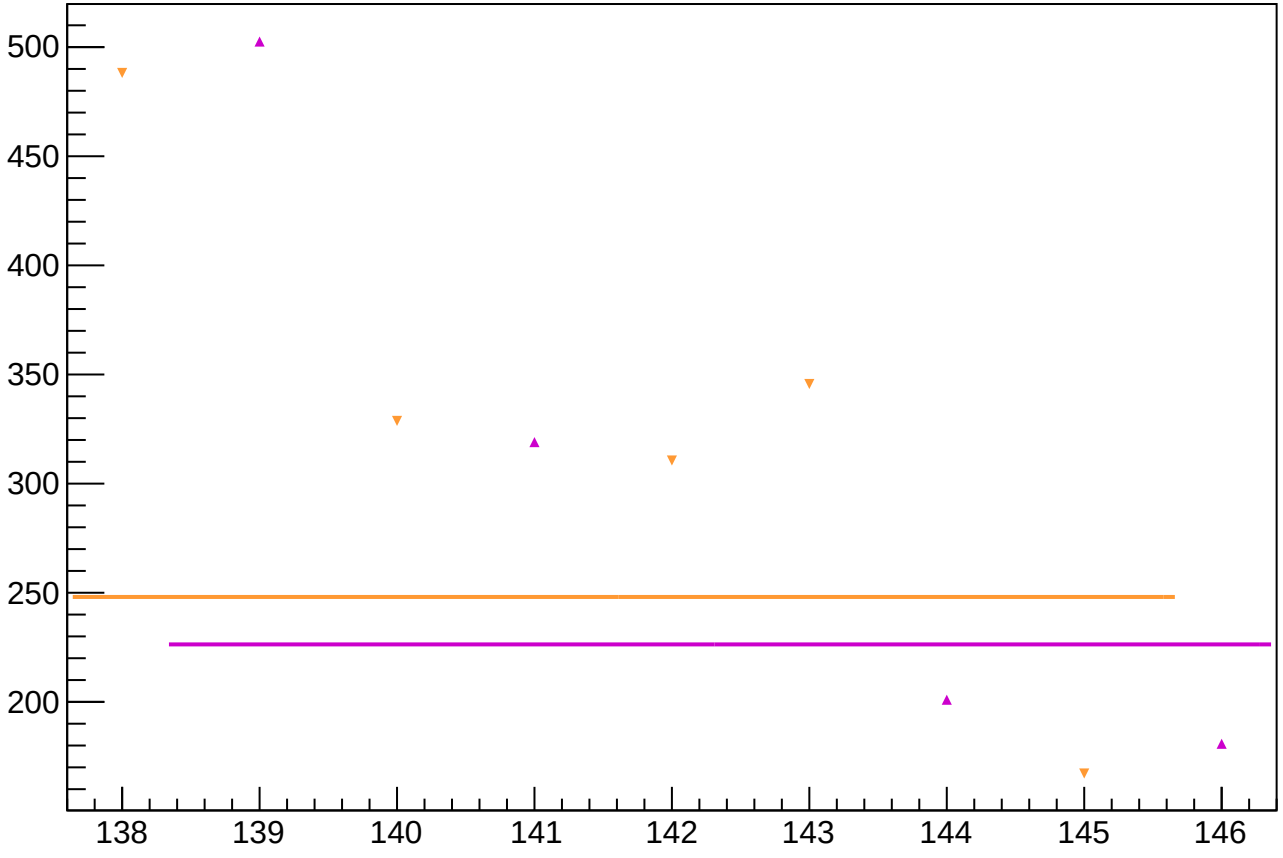
Left In: -77.962+/-133.632 χ^2/NDF:1.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -146.325+/-98.718 χ^2/NDF: 14.2/8

- 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: 248.072+/-0.104 χ^2/NDF:927766.2/4

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

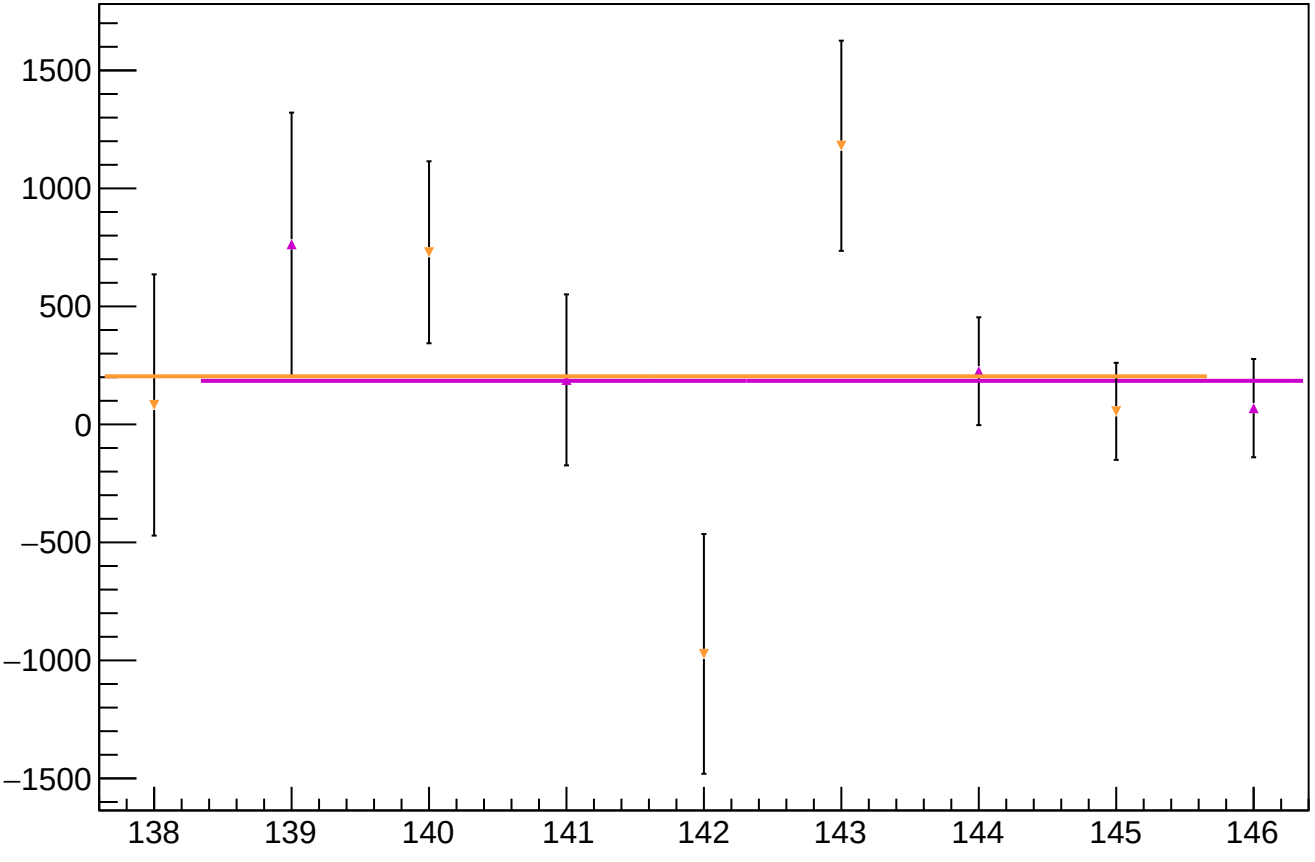
Left In: 226.334+/-0.094 χ^2/NDF:750840.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 236.210+/-0.070 χ^2/NDF: 1702648.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_mean vs Slug



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

Left Out: 203.720+/-153.311 χ^2/NDF:12.6/4

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

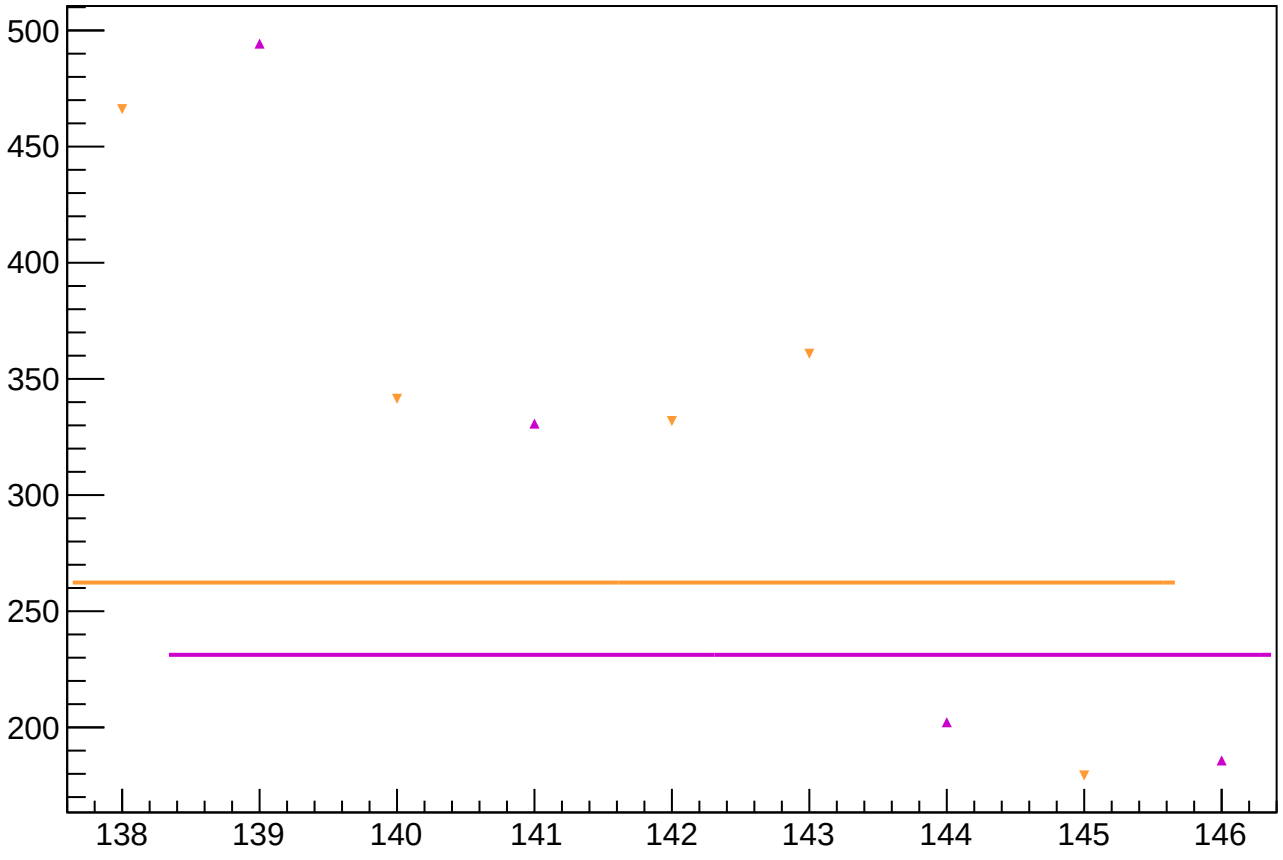
Left In: 184.656+/-137.297 χ^2/NDF:1.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 193.141+/-102.278 χ^2/NDF: 14.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_rms vs Slug



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

Left Out: 262.346+/-0.108 χ^2/NDF:816474.9/4

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

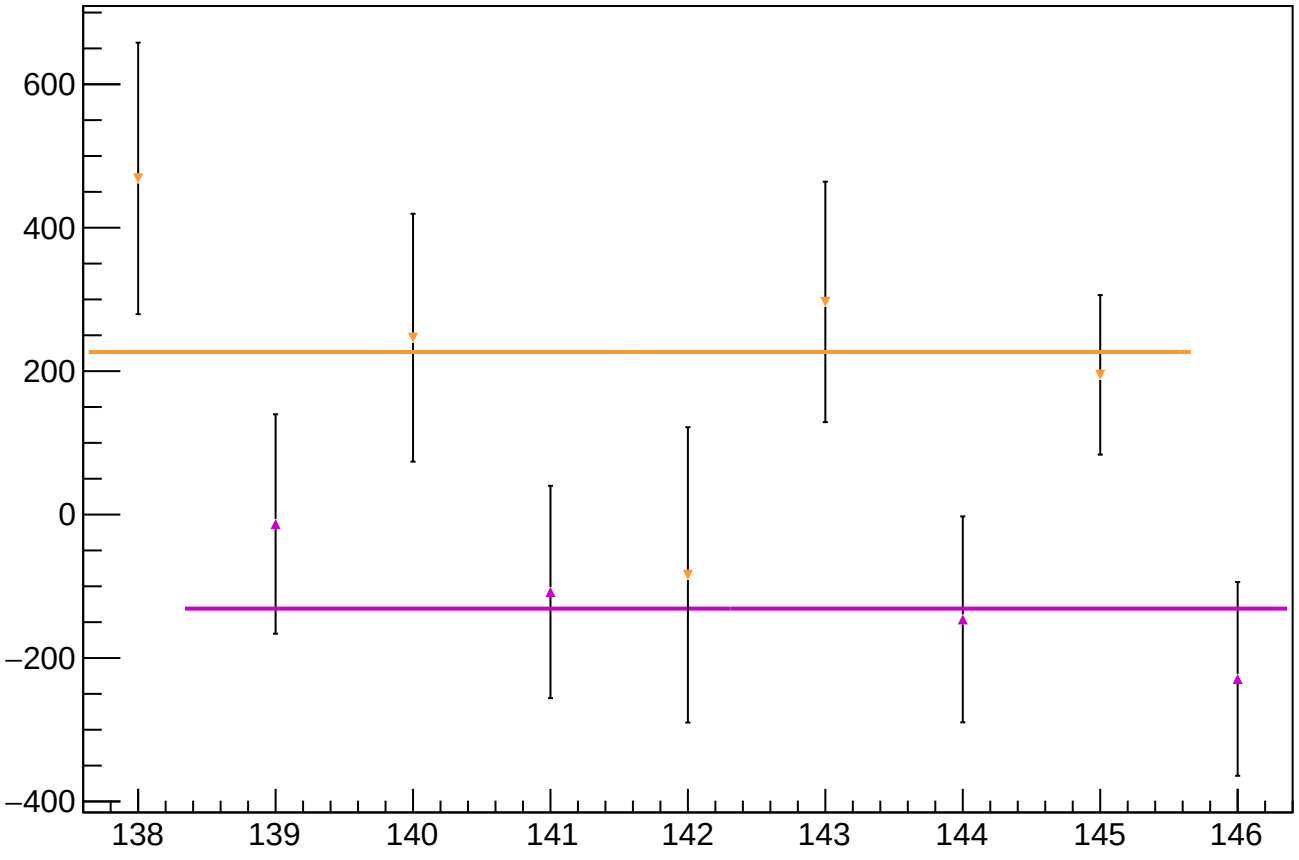
Left In: 231.234+/-0.097 χ^2/NDF:723475.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 245.081+/-0.072 χ^2/NDF: 1585656.3/8

- 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: 226.721+/-70.472 χ^2/NDF:4.2/4

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

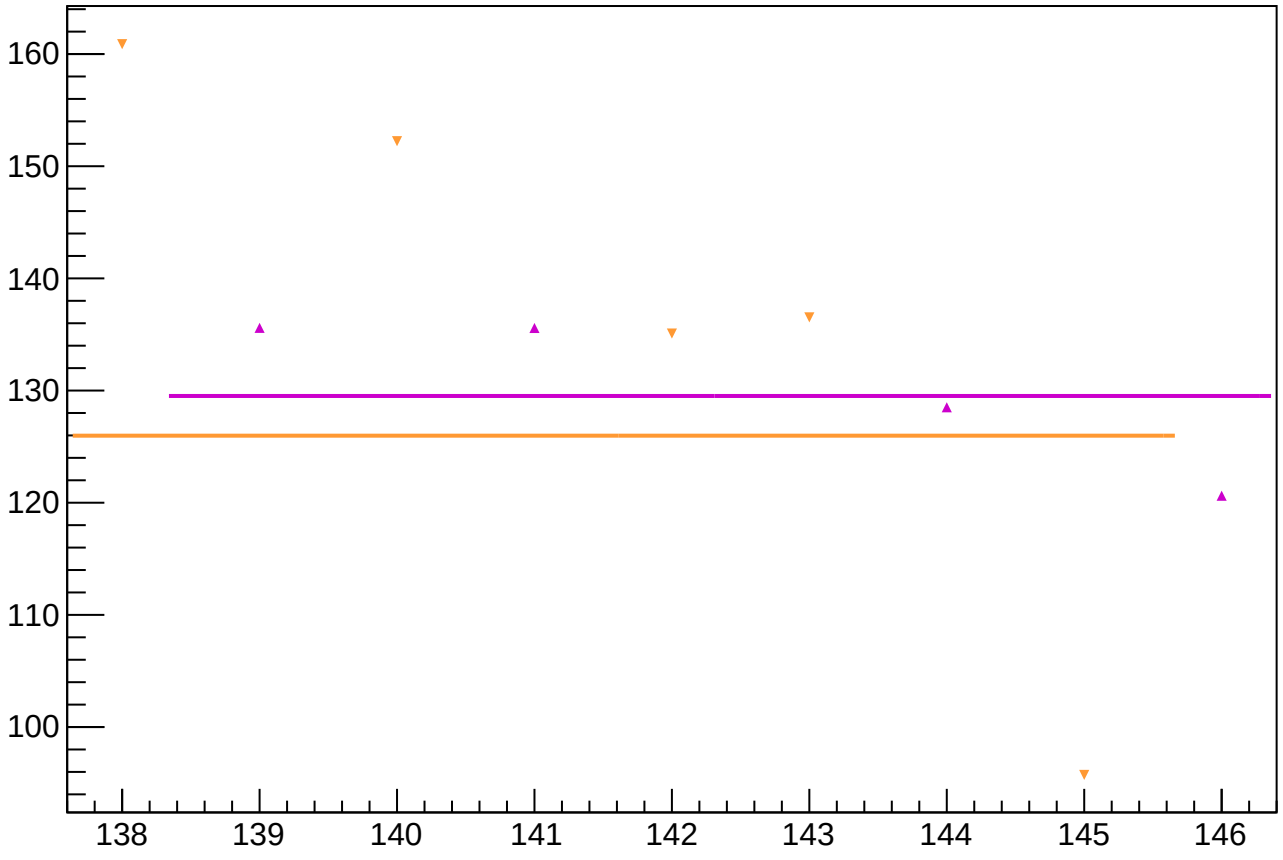
Left In: -131.105+/-72.226 χ^2/NDF:1.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 52.205+/-50.440 χ^2/NDF: 17.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 125.977+/-0.050 χ^2/NDF:273791.7/4

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

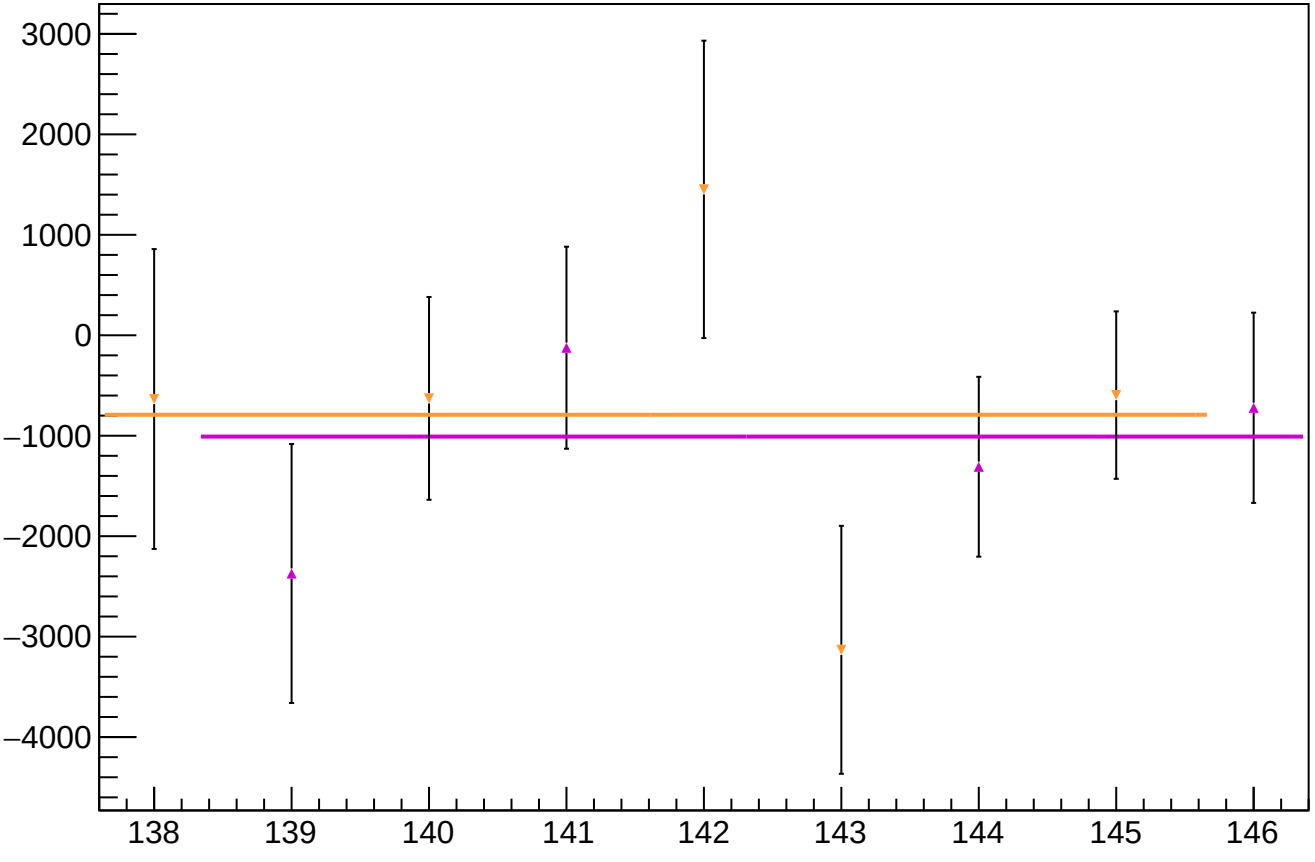
Left In: 129.517+/-0.051 χ^2/NDF:15278.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 127.704+/-0.036 χ^2/NDF: 291530.9/8

- 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: -791.424+/-501.063 χ^2/NDF:6.0/4

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

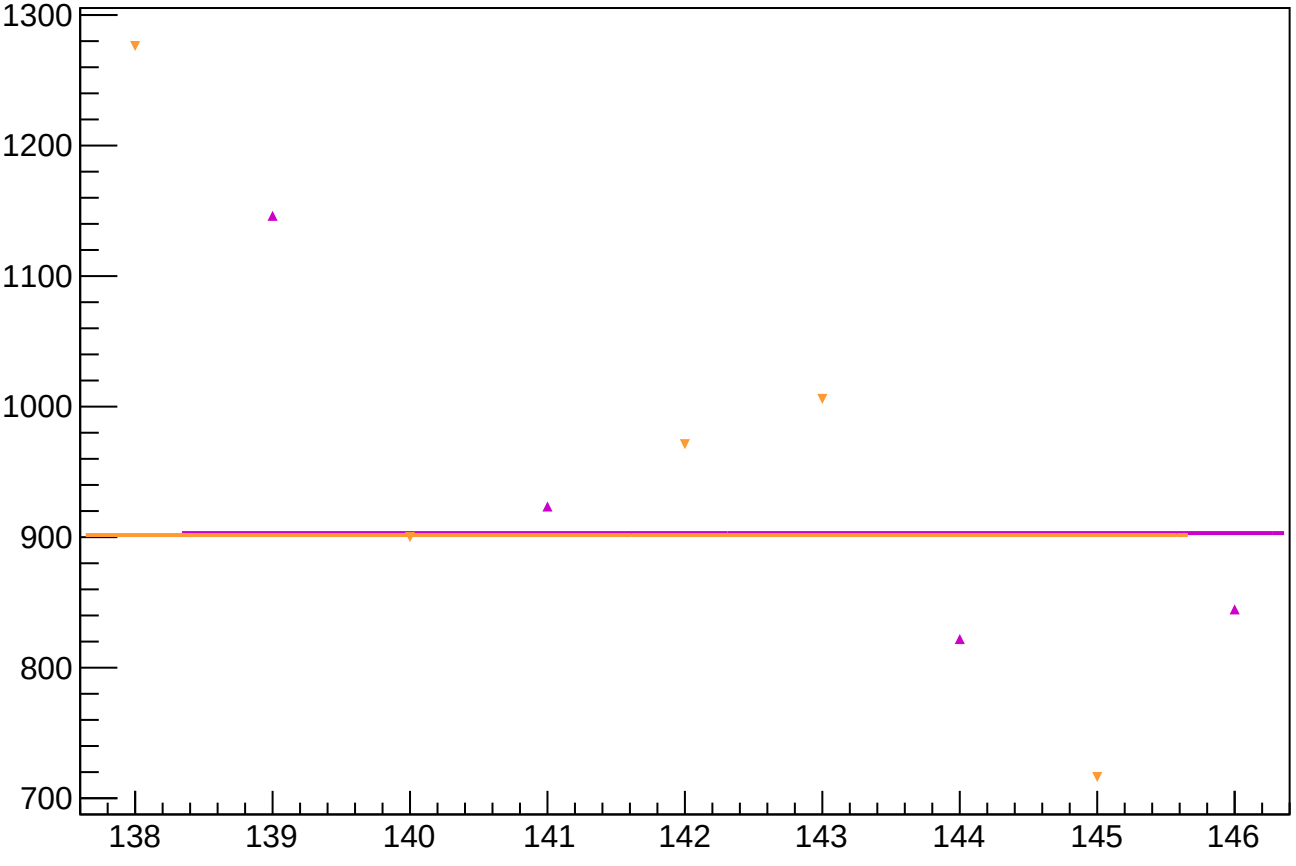
Left In: -1008.725+/-502.878 χ^2/NDF:2.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -899.682+/-354.945 χ^2/NDF: 8.2/8

- 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: 901.604+/-0.354 χ^2/NDF:243676.0/4

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

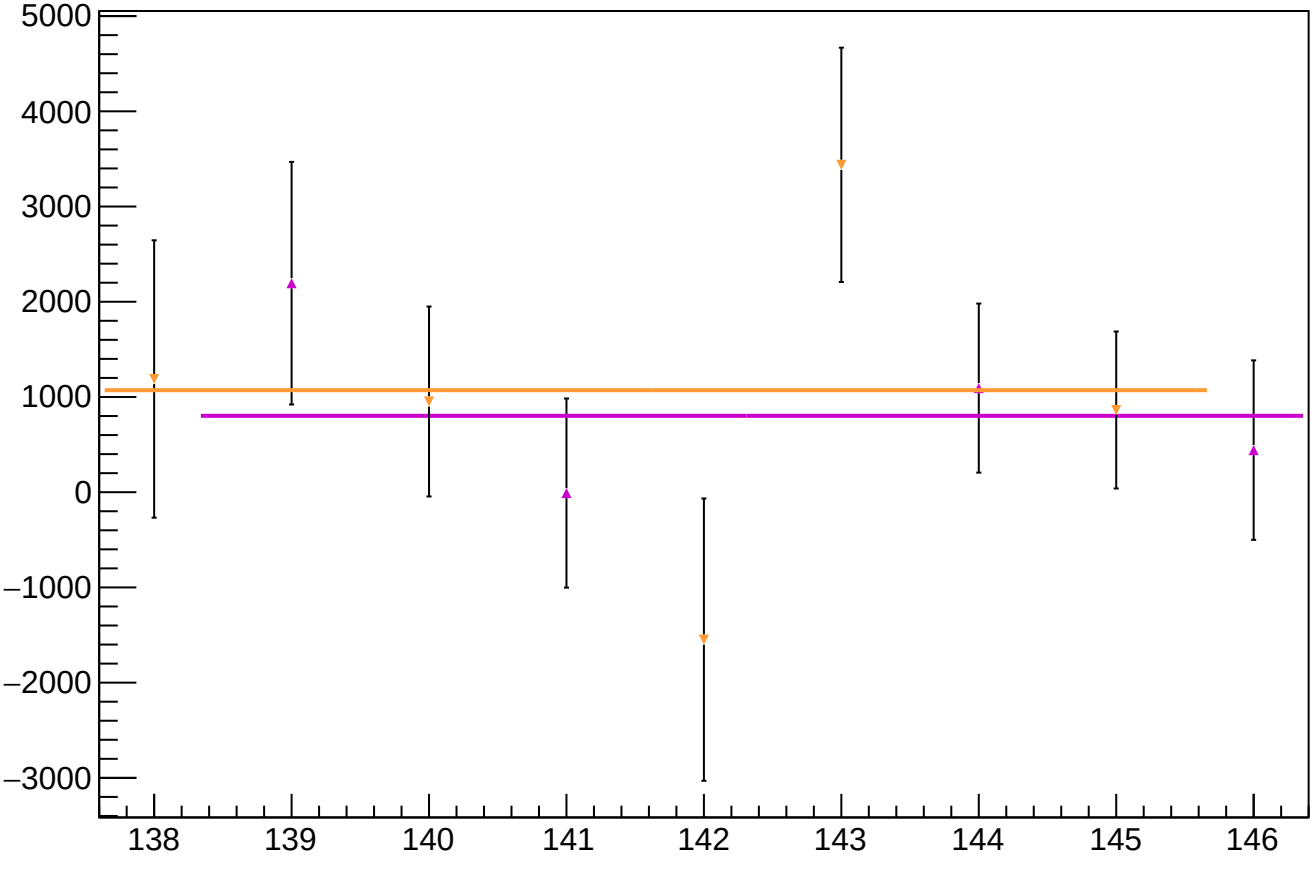
Left In: 903.120+/-0.356 χ^2/NDF:96018.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 902.359+/-0.251 χ^2/NDF: 339703.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_mean vs Slug



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

Left Out: 1071.420+/-496.048 χ^2/NDF:6.9/4

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

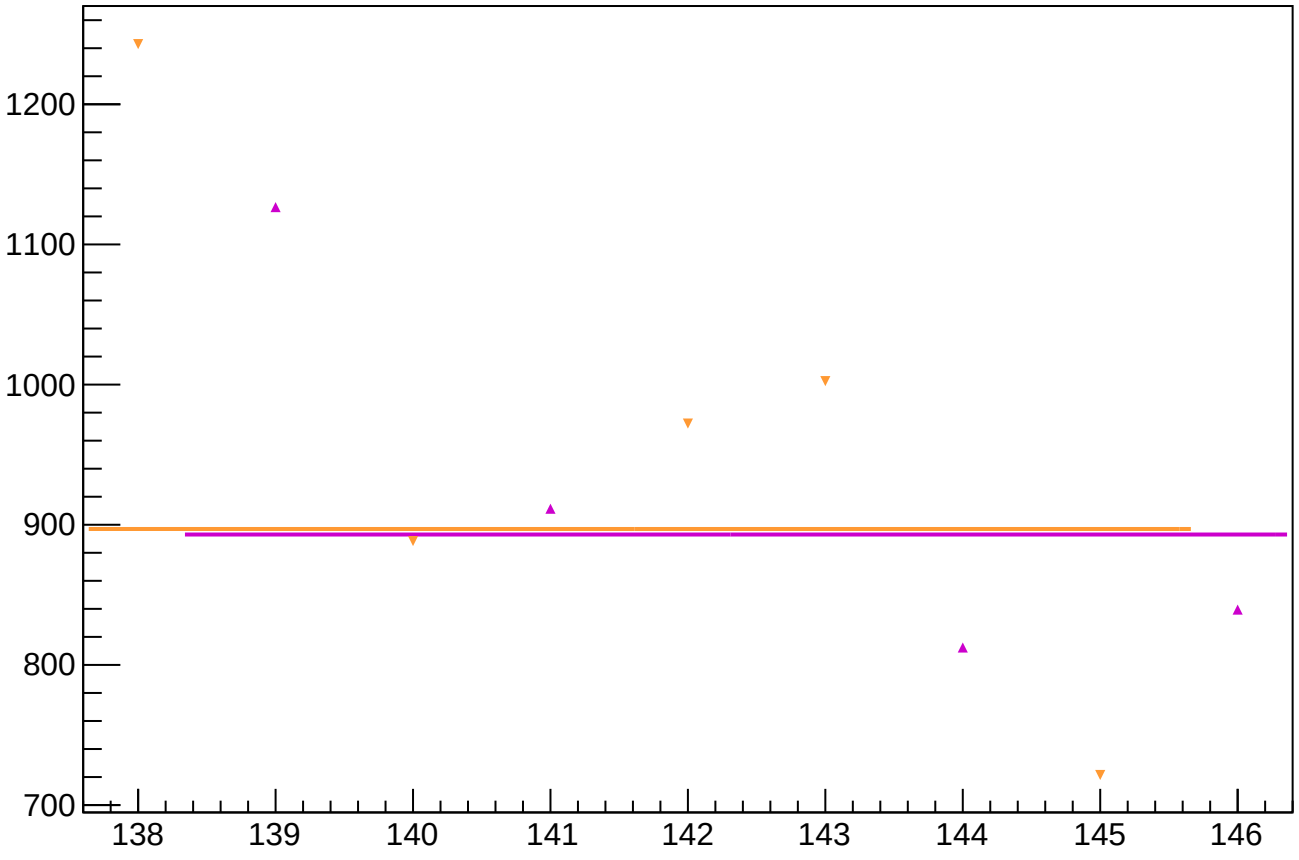
Left In: 802.189+/-498.424 χ^2/NDF:2.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 937.448+/-351.596 χ^2/NDF: 9.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_rms vs Slug



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

Left Out: 896.986+/-0.351 χ^2/NDF:223468.3/4

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

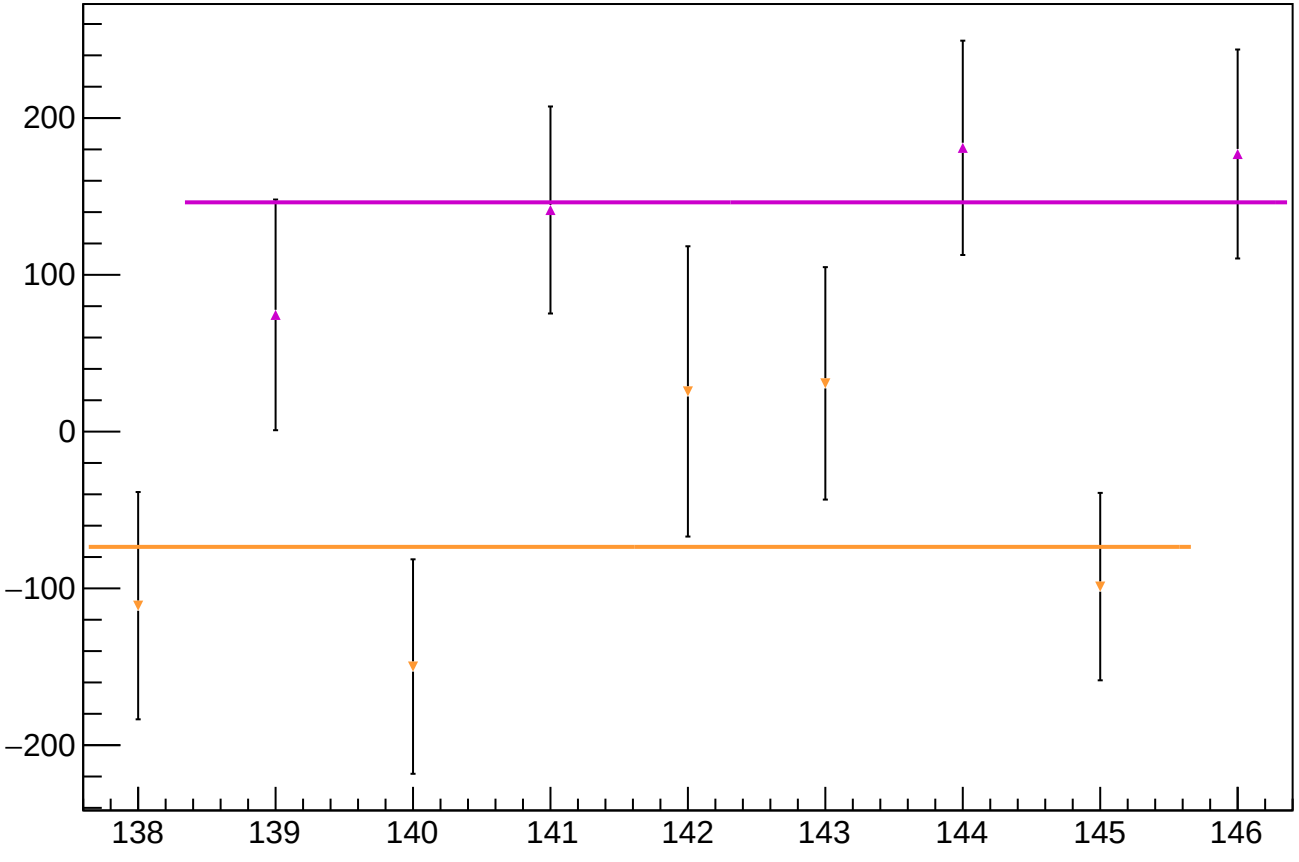
Left In: 893.037+/-0.352 χ^2/NDF:90895.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 895.021+/-0.249 χ^2/NDF: 314426.8/8

- 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: -73.520+/-31.903 χ^2/NDF:4.8/4

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

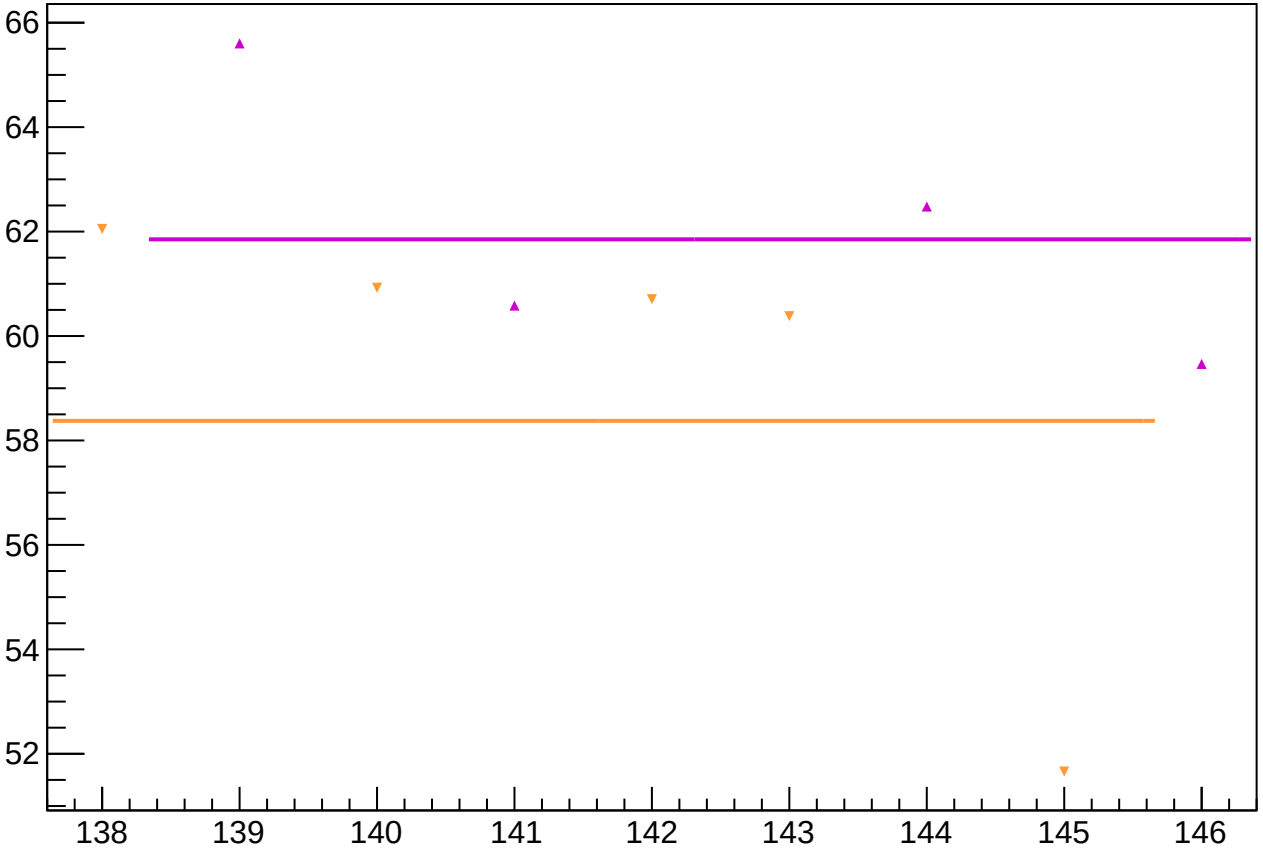
Left In: 146.244+/-34.233 χ^2/NDF:1.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 28.630+/-23.339 χ^2/NDF: 28.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 58.376+/-0.023 χ^2/NDF:35888.9/4

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

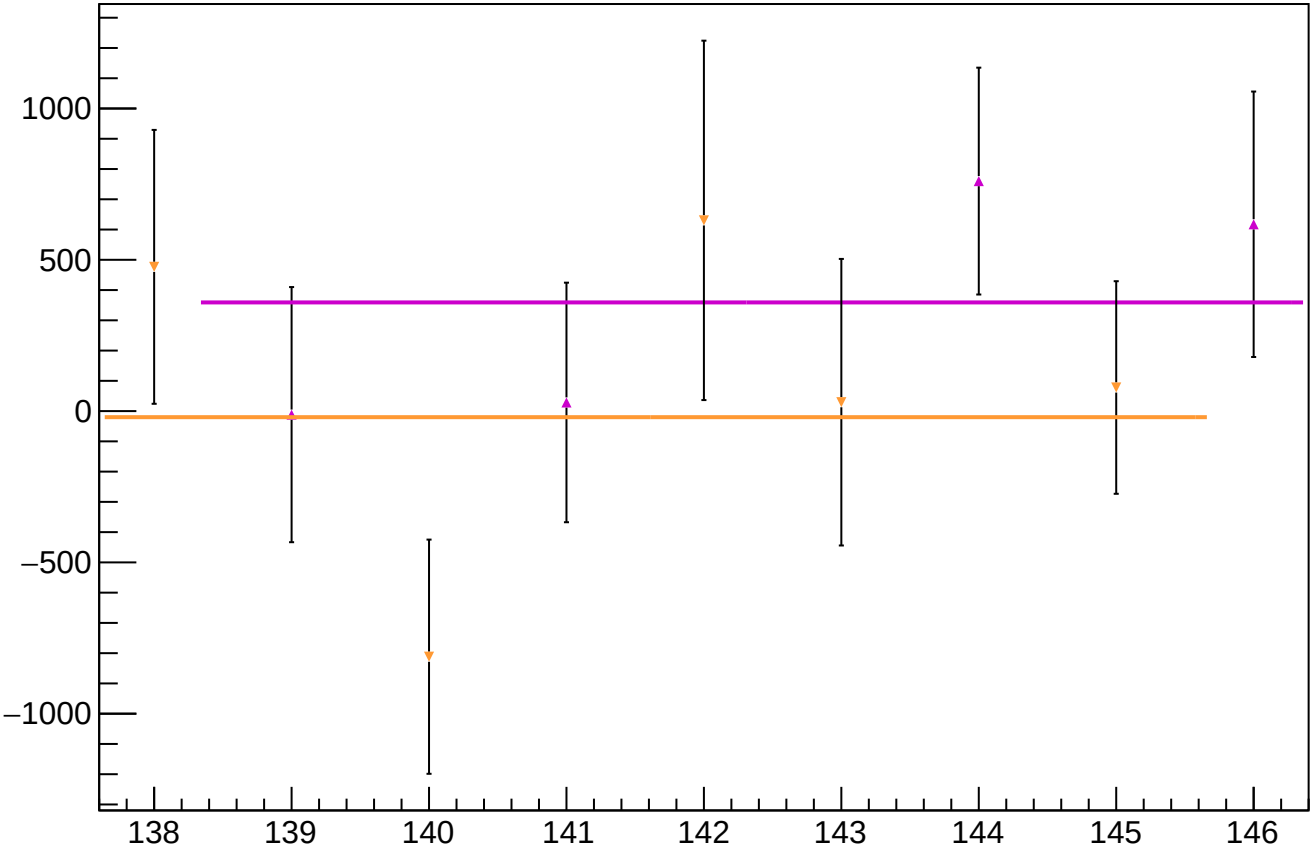
Left In: 61.851+/-0.024 χ^2/NDF:8671.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 59.991+/-0.017 χ^2/NDF: 55592.2/8

- 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: -20.088+/-192.594 χ^2/NDF:6.7/4

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

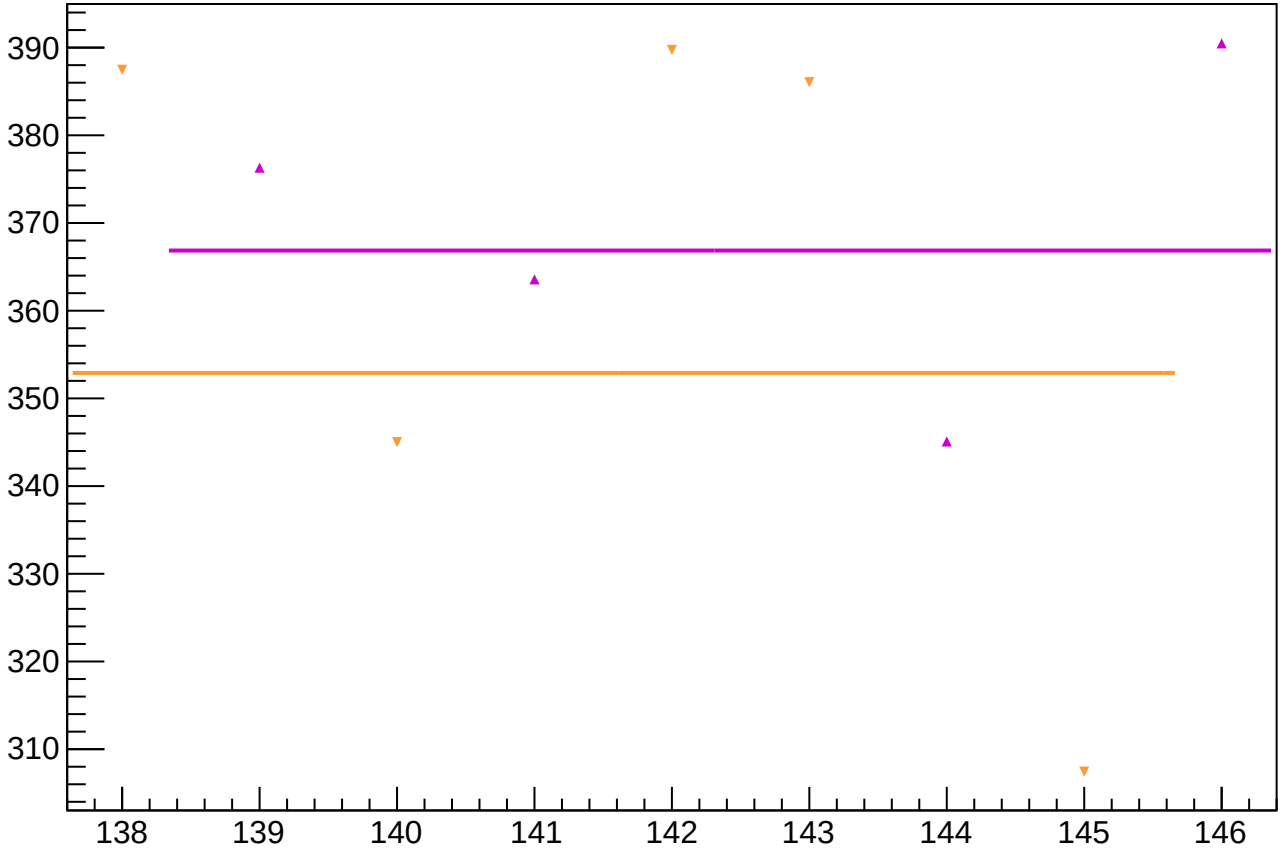
Left In: 359.155+/-202.769 χ^2/NDF:3.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 159.780+/-139.643 χ^2/NDF: 11.5/8

- 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: 352.902+/-0.136 χ^2/NDF:63492.3/4

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

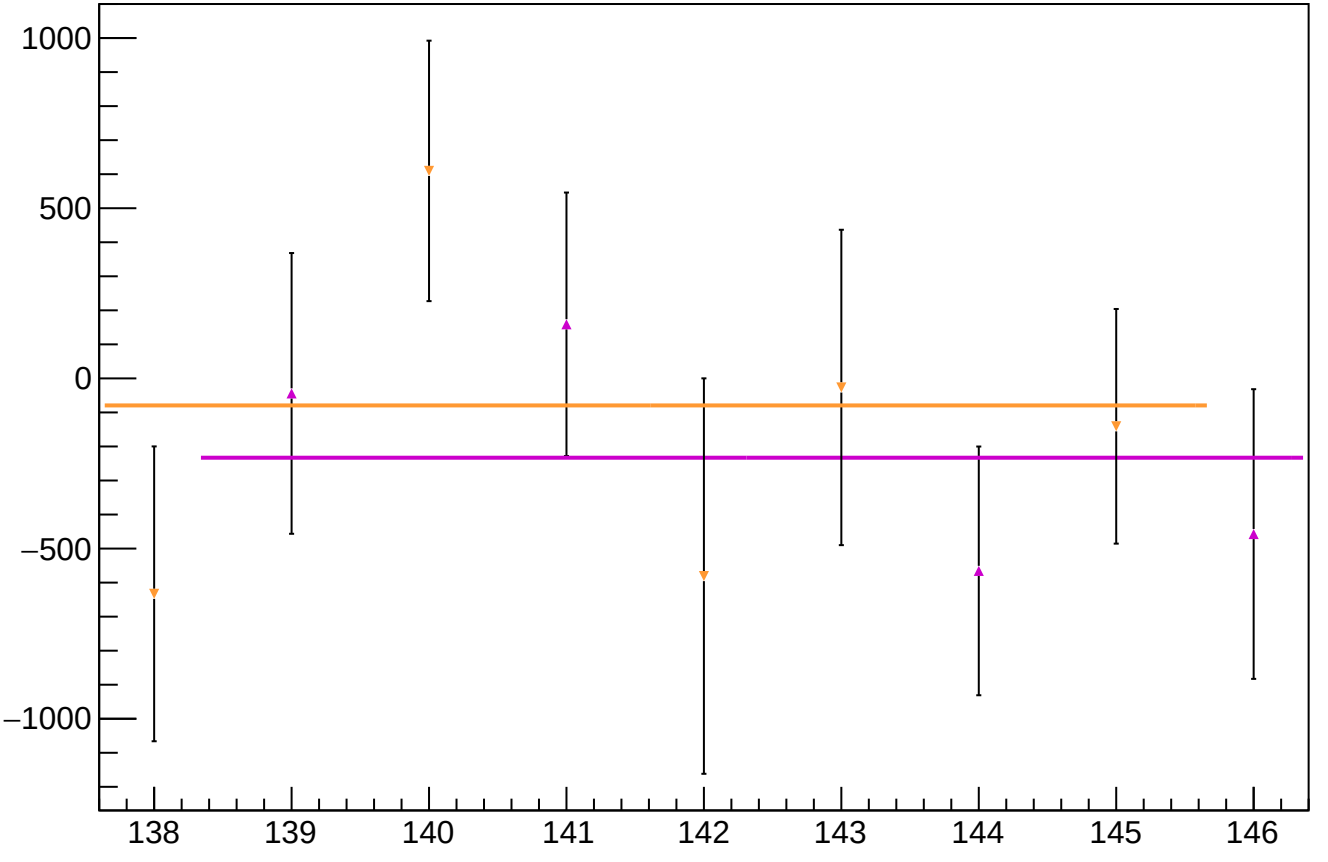
Left In: 366.862+/-0.143 χ^2/NDF:13685.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 359.523+/-0.099 χ^2/NDF: 82161.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_mean vs Slug



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

Left Out: -79.393+/-188.319 χ^2/NDF:5.7/4

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

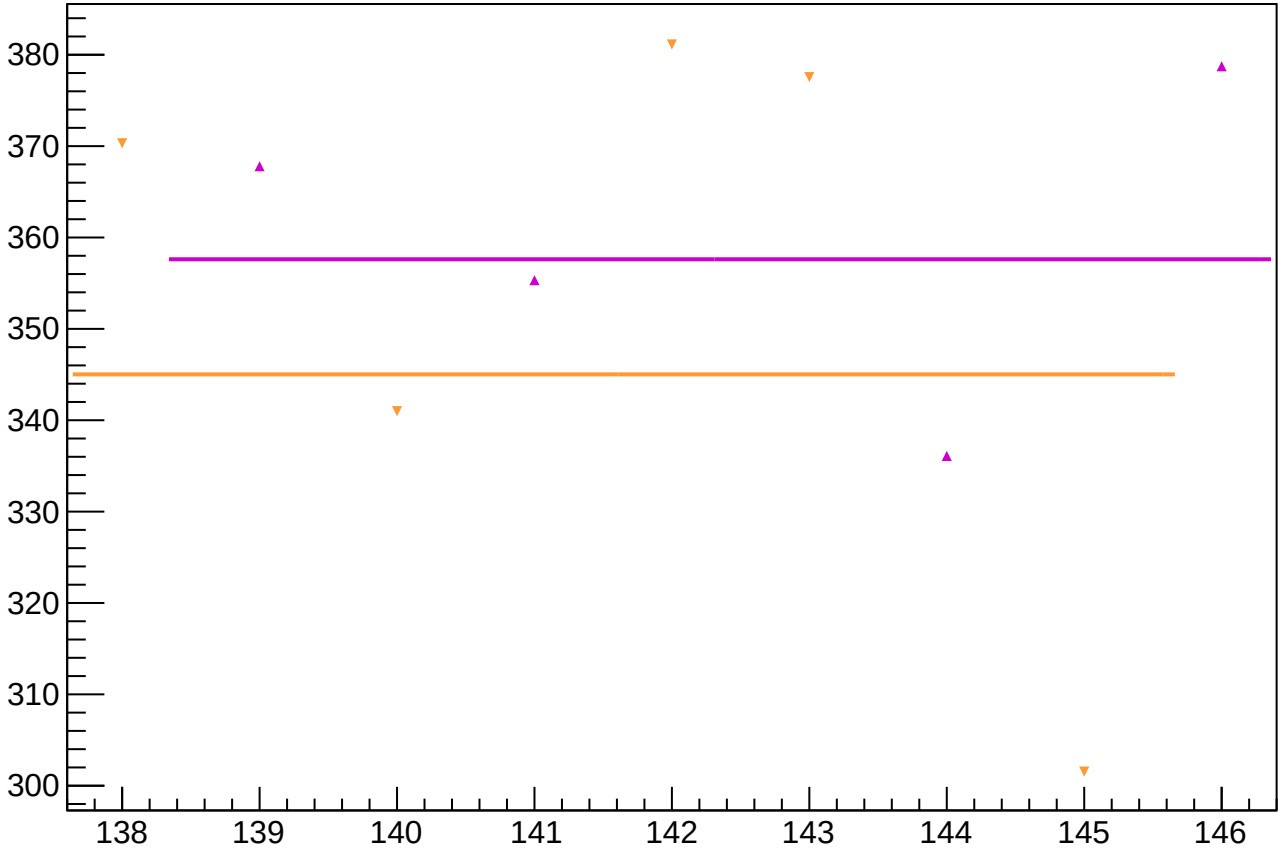
Left In: -233.050+/-197.773 χ^2/NDF:2.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -152.461+/-136.381 χ^2/NDF: 8.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



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

Left Out: 345.021+/-0.133 χ^2/NDF:56437.1/4

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

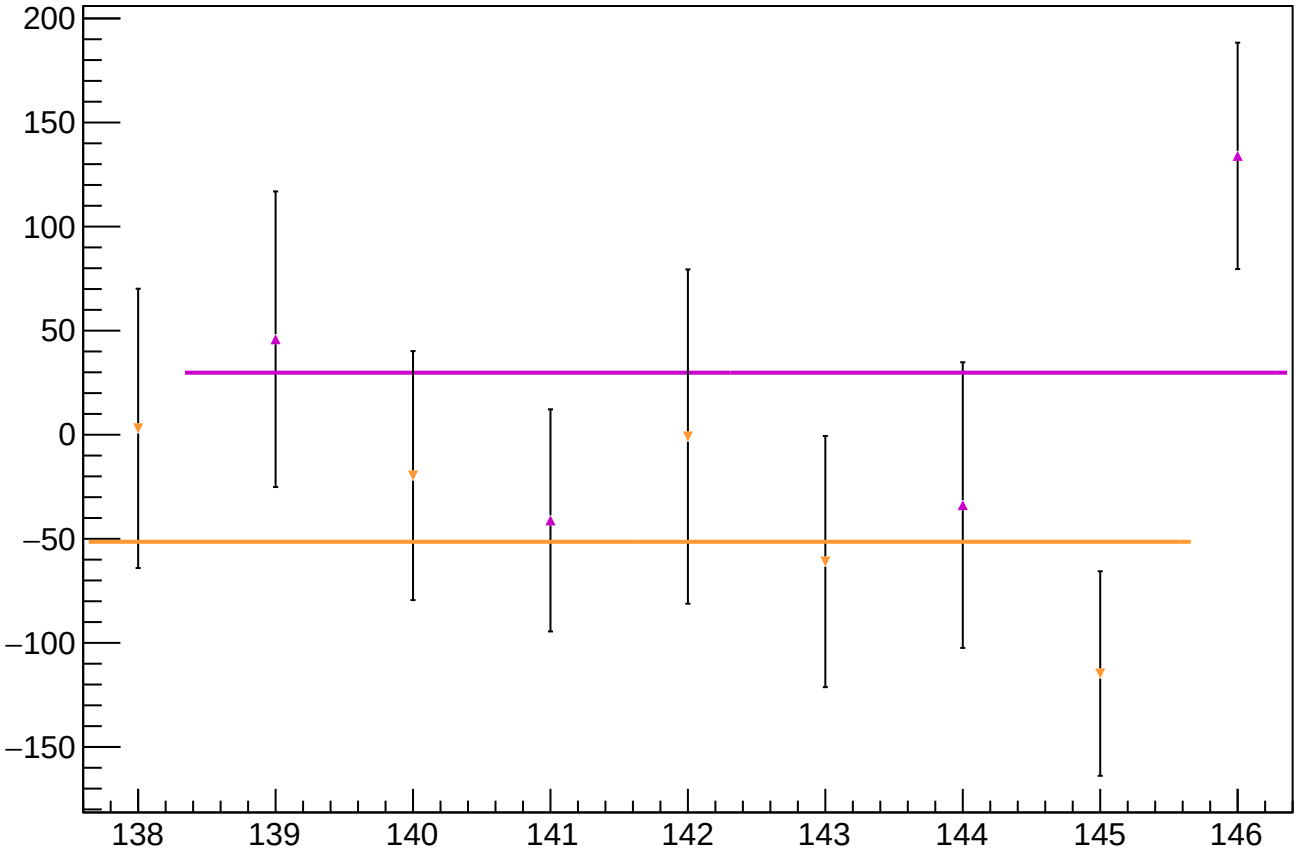
Left In: 357.617+/-0.140 χ^2/NDF:13154.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 351.011+/-0.096 χ^2/NDF: 73846.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -51.429+/-27.259 χ^2/NDF:3.0/4

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

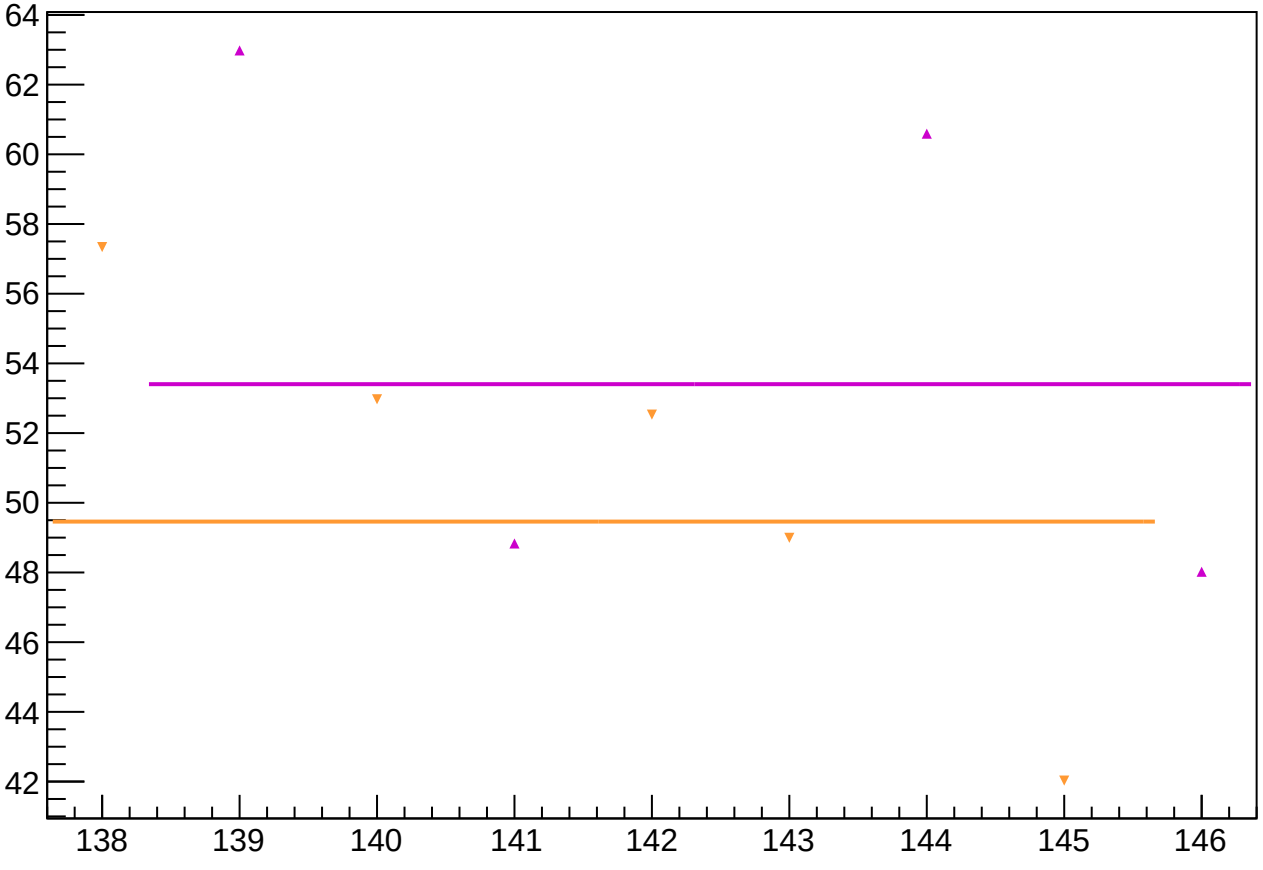
Left In: 29.811+/-30.152 χ^2/NDF:6.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.892+/-20.221 χ^2/NDF: 13.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 49.460+/-0.019 χ^2/NDF:83271.8/4

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

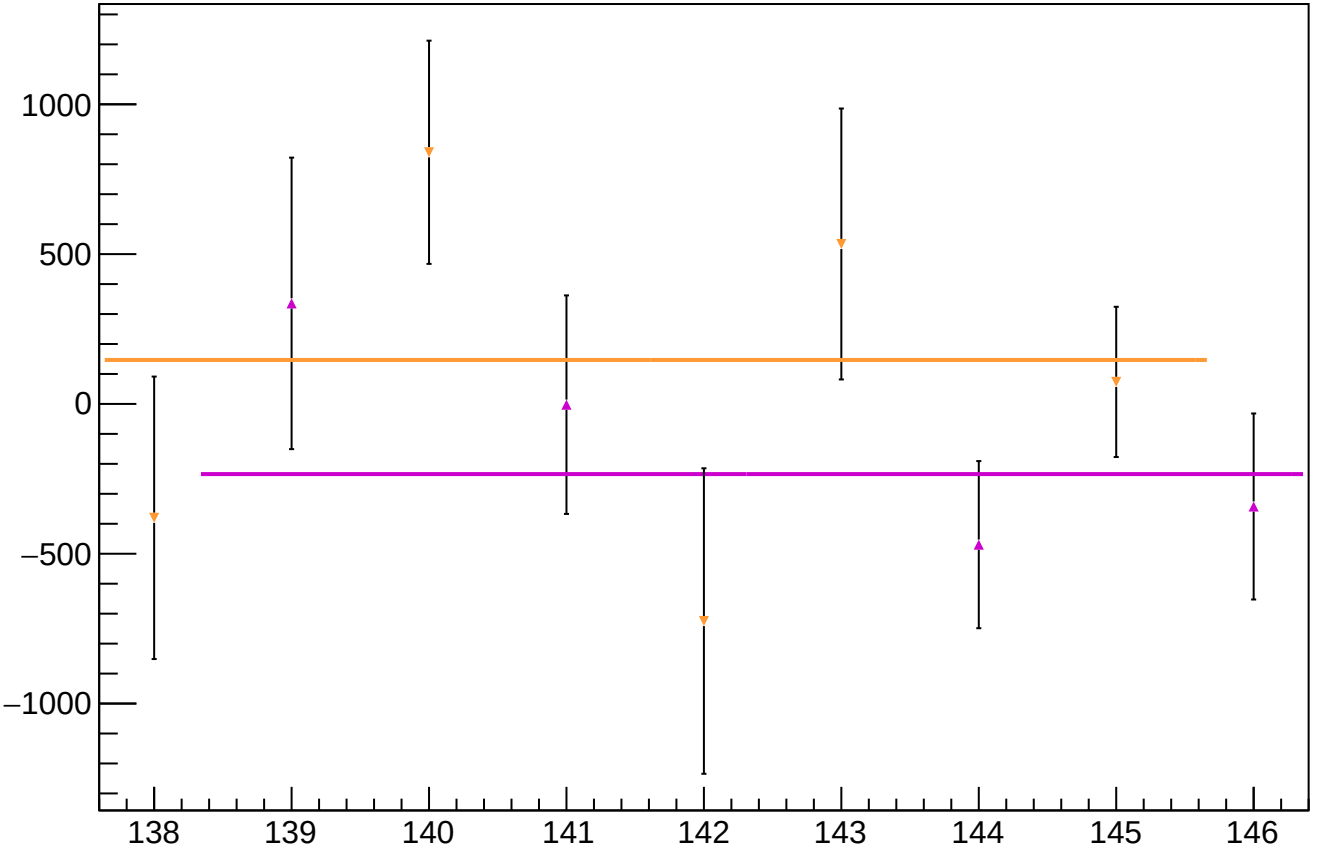
Left In: 53.404+/-0.021 χ^2/NDF:92600.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 51.234+/-0.014 χ^2/NDF: 194695.5/8

- 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: 146.745+/-165.842 χ^2/NDF:8.5/4

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

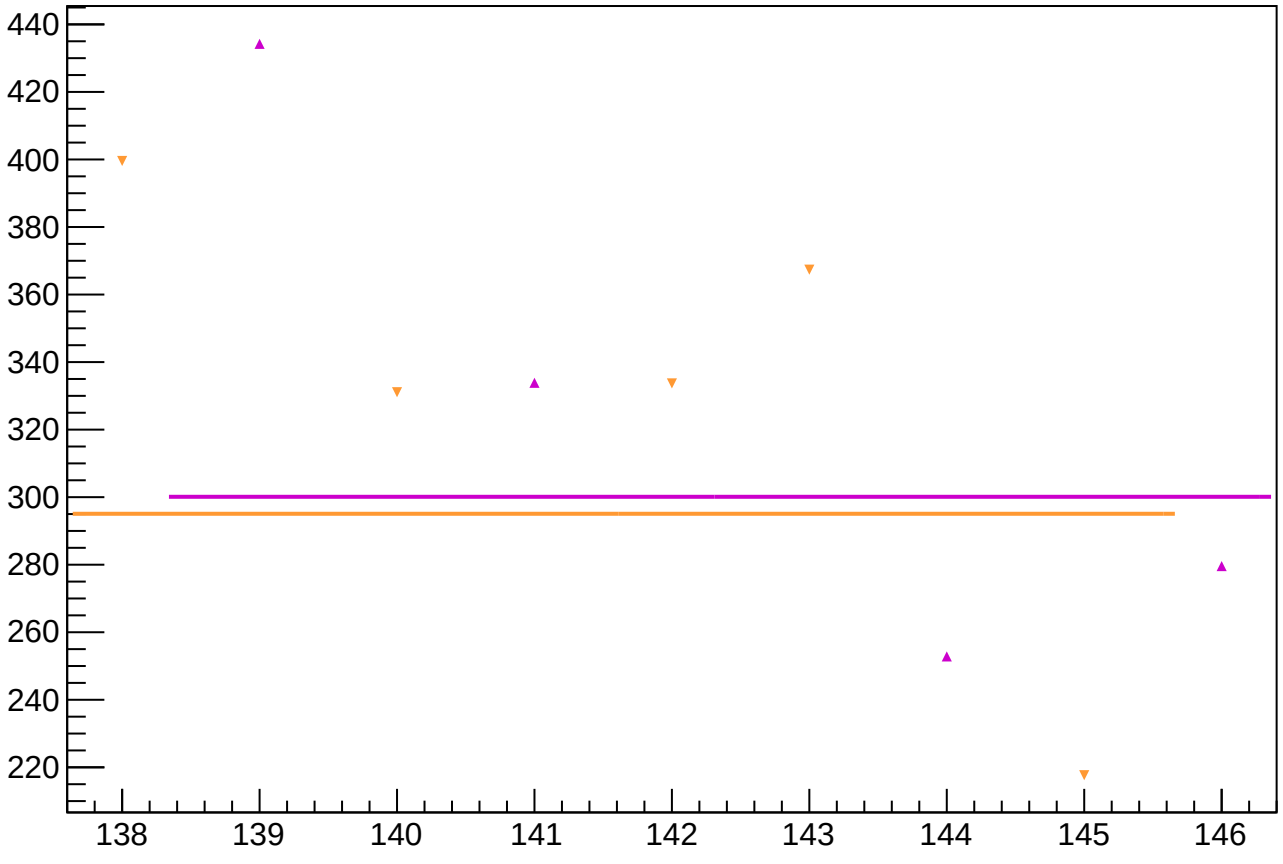
Left In: -234.167+/-169.085 χ^2/NDF:2.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -40.023+/-118.398 χ^2/NDF: 13.6/8

- 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: 295.082+/-0.117 χ^2/NDF:370248.0/4

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

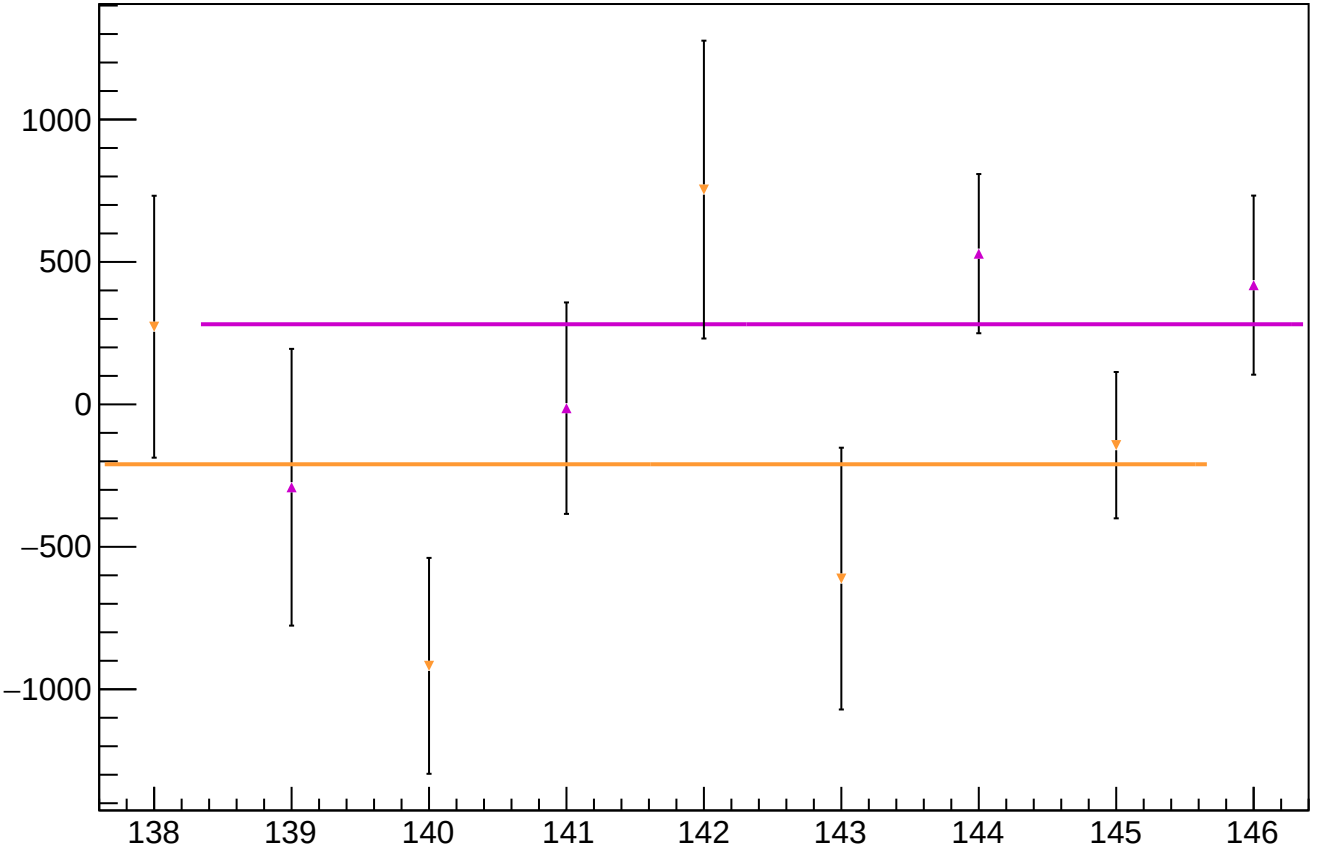
Left In: 300.111+/-0.120 χ^2/NDF:235369.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 297.548+/-0.084 χ^2/NDF: 606519.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -210.173+/-168.432 χ^2/NDF:8.8/4

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

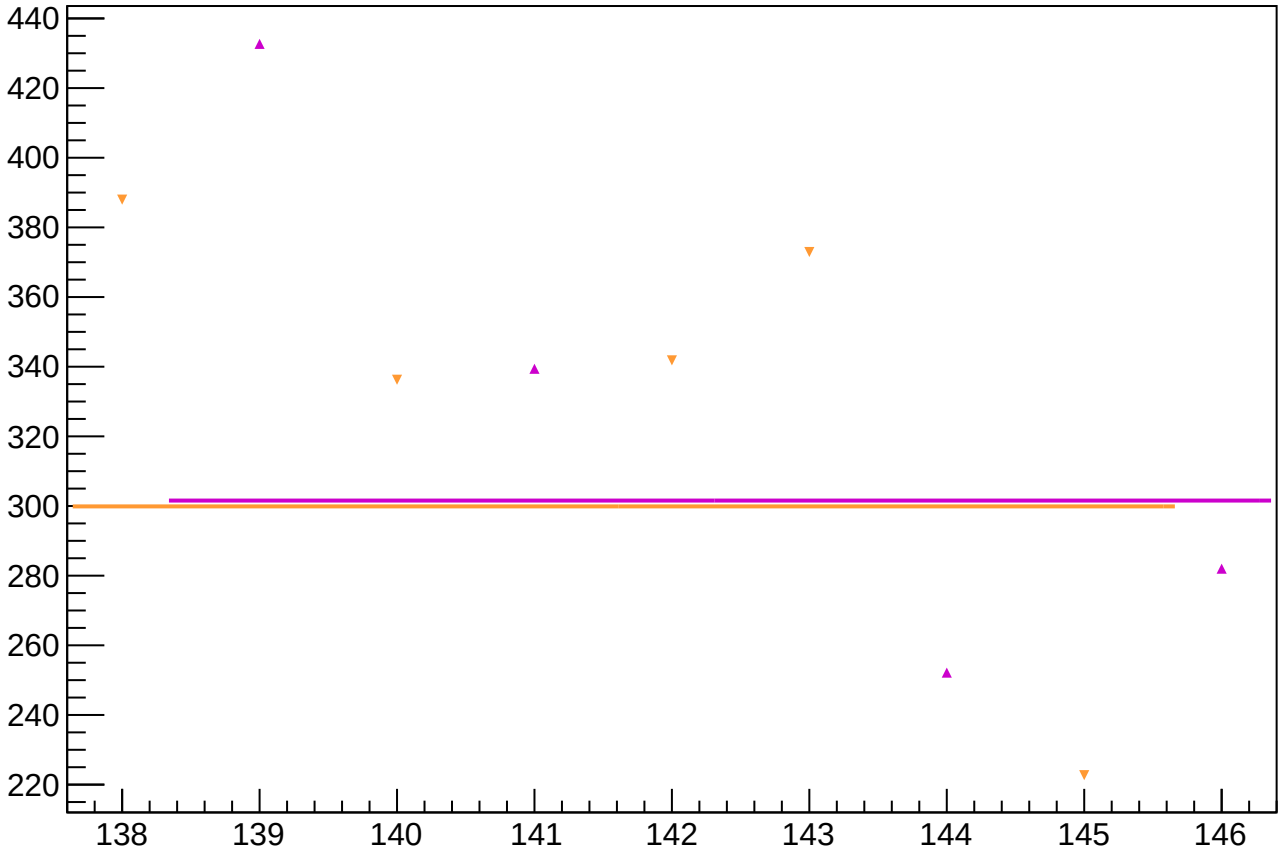
Left In: 281.277+/-170.430 χ^2/NDF:3.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 32.653+/-119.800 χ^2/NDF: 16.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 299.888+/-0.119 χ^2/NDF:335796.6/4

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

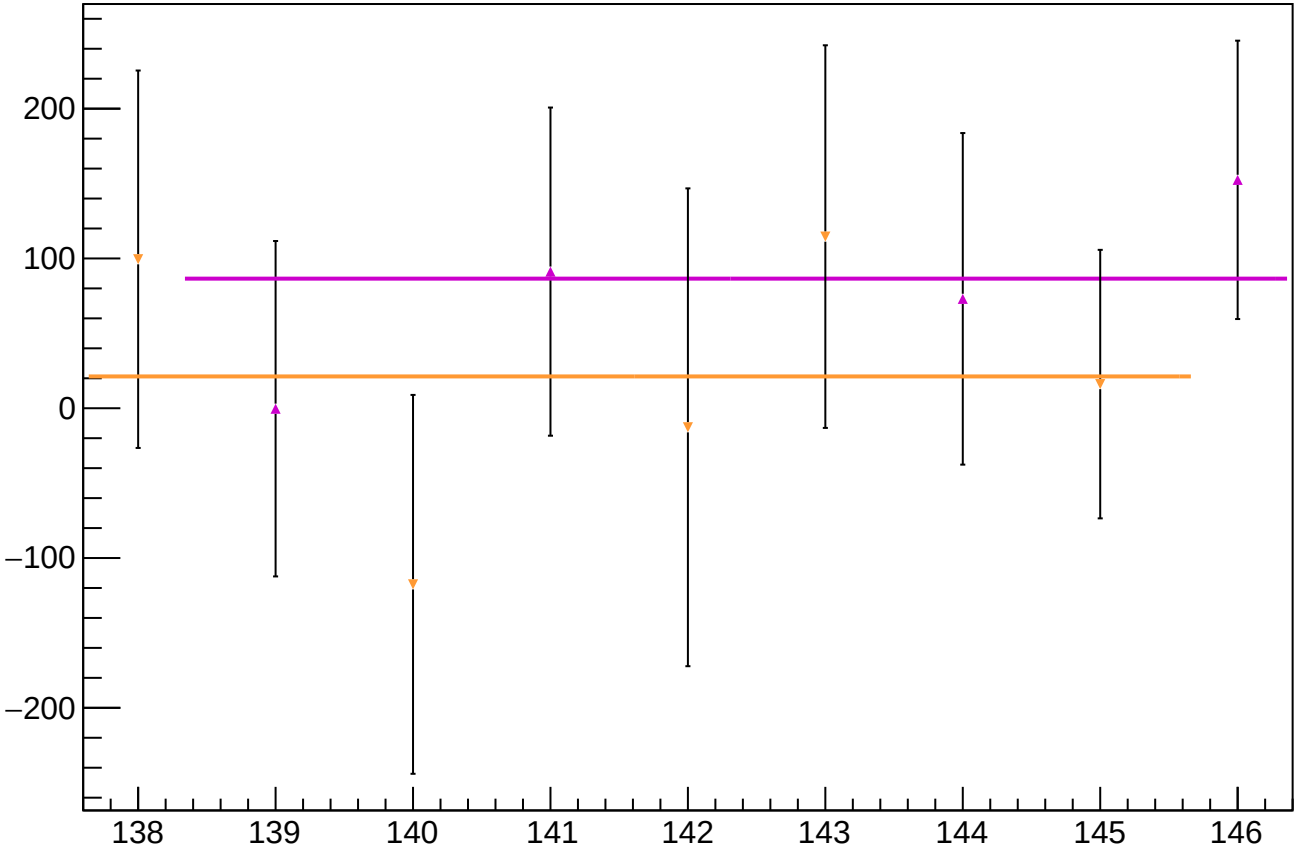
Left In: 301.563+/-0.121 χ^2/NDF:236845.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 300.715+/-0.085 χ^2/NDF: 572739.6/8

- 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: 21.236+/-53.408 χ^2/NDF:2.2/4

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

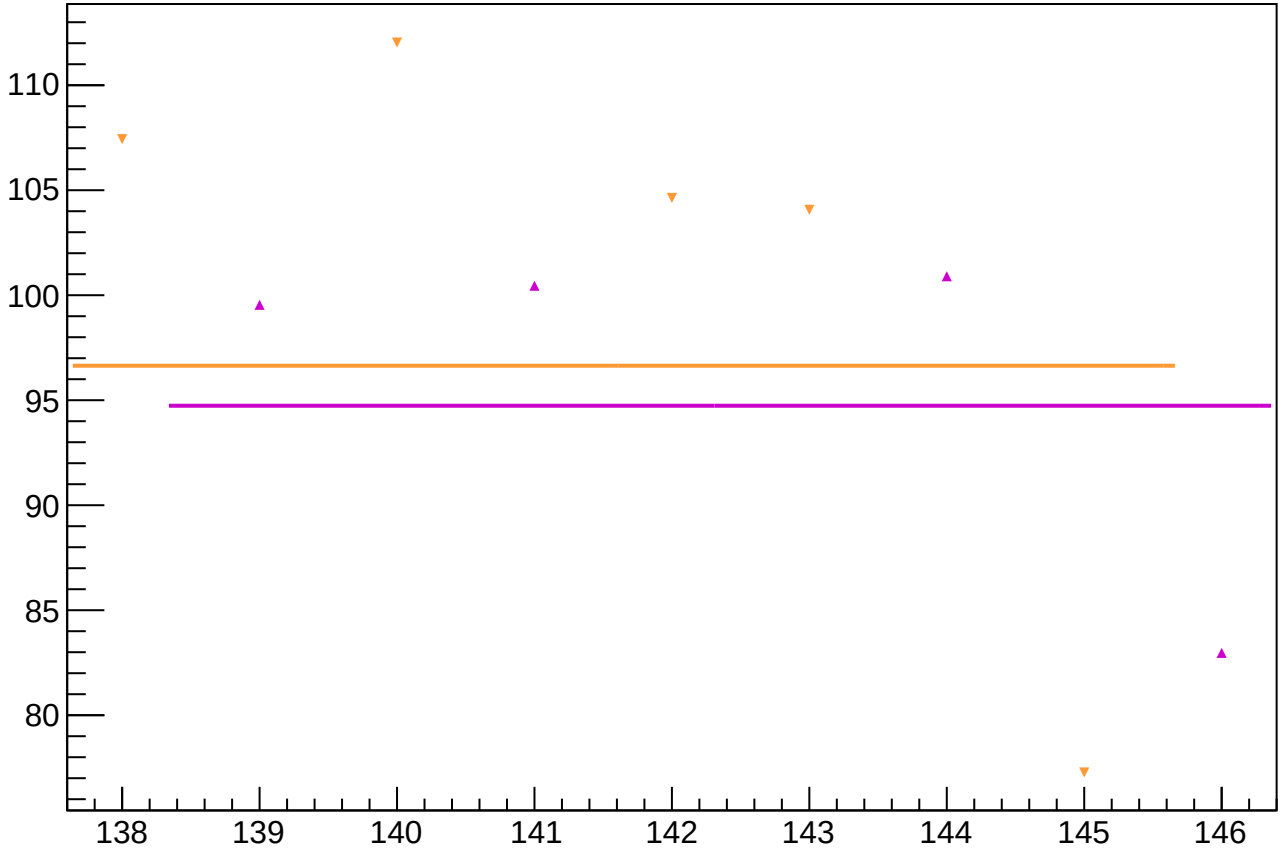
Left In: 86.523+/-52.665 χ^2/NDF:1.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 54.336+/-37.500 χ^2/NDF: 4.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 96.643+/-0.038 χ^2/NDF:149448.2/4

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

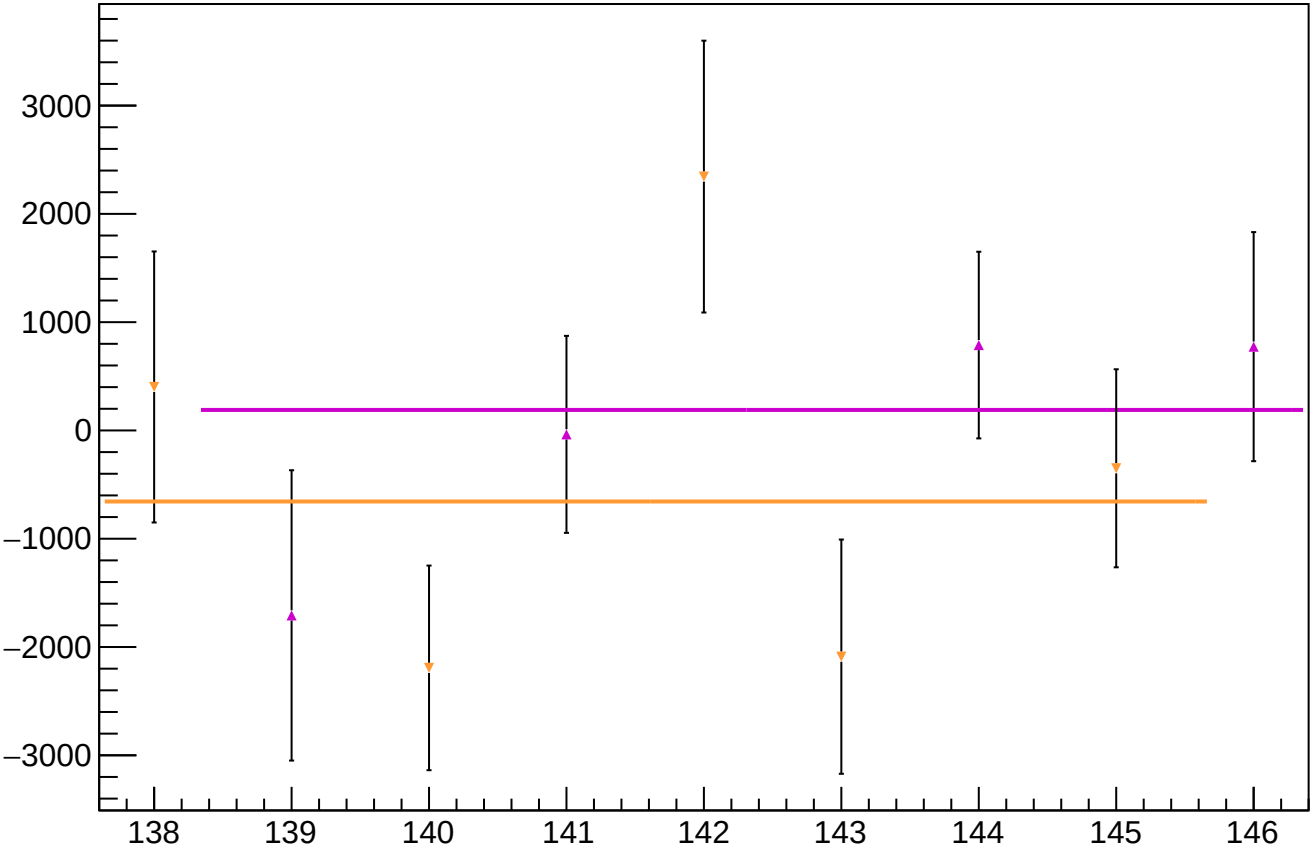
Left In: 94.737+/-0.037 χ^2/NDF:47418.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 95.677+/-0.027 χ^2/NDF: 198157.6/8

- 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: -656.111+/-474.376 χ^2/NDF:10.9/4

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

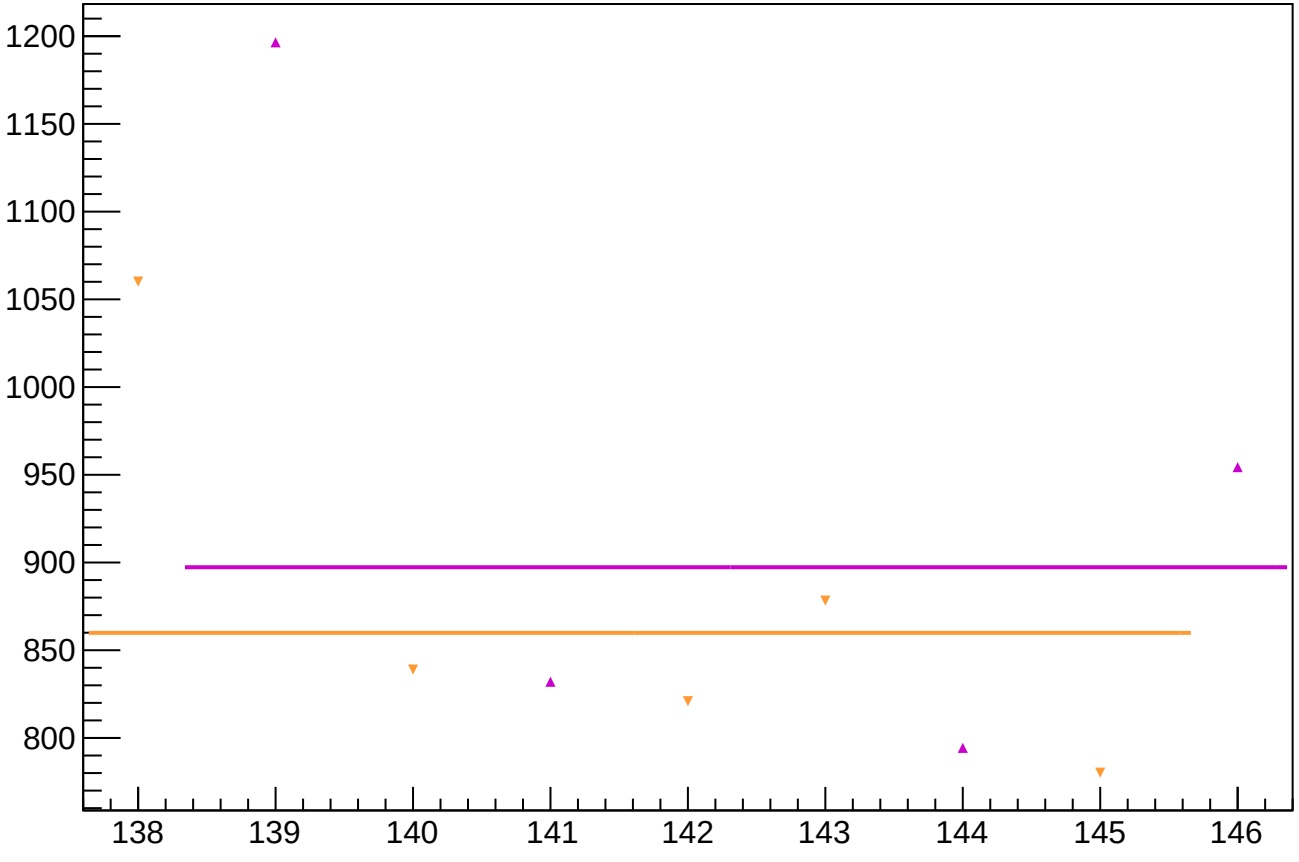
Left In: 189.465+/-499.714 χ^2/NDF:2.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -255.304+/-344.044 χ^2/NDF: 15.3/8

- 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: 859.920+/-0.335 χ^2/NDF:69849.9/4

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

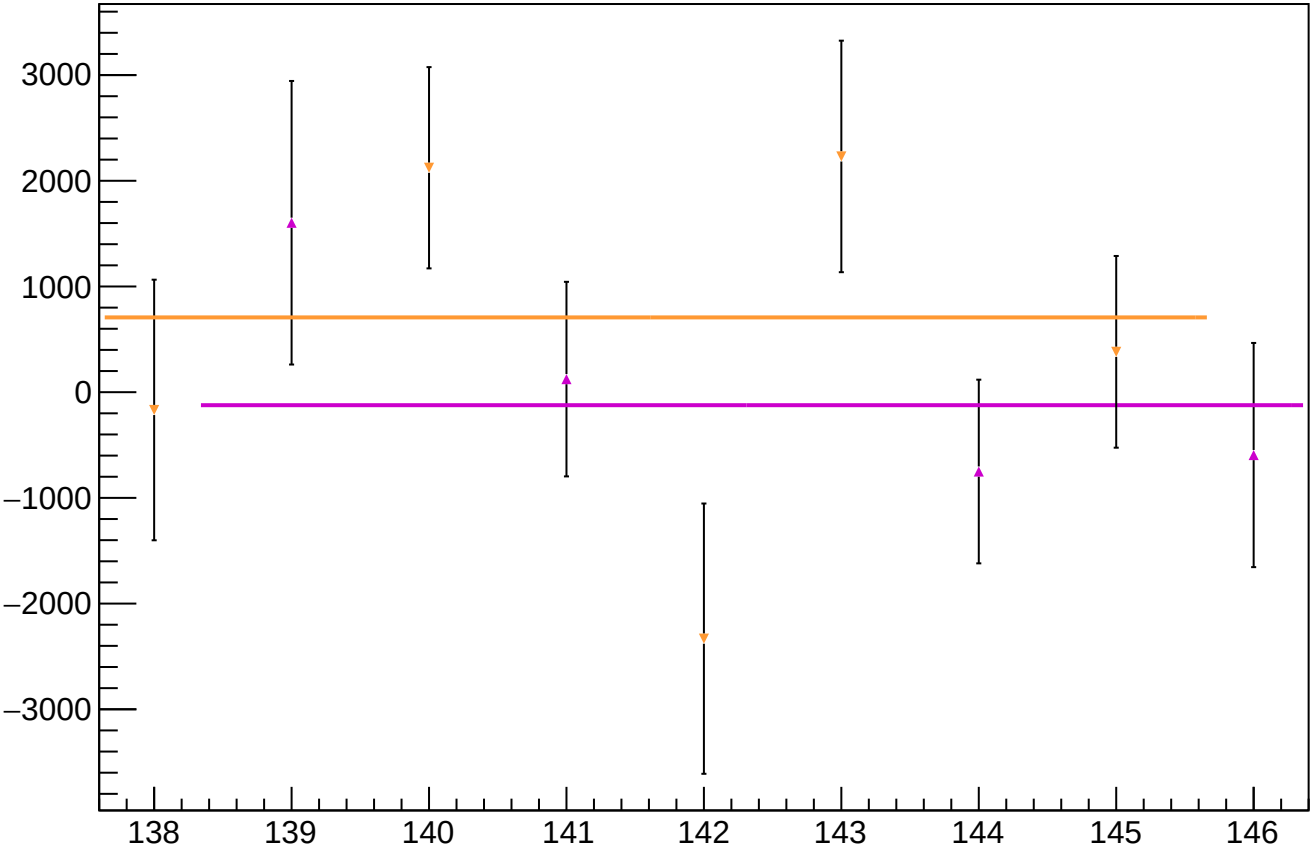
Left In: 897.314+/-0.353 χ^2/NDF:144247.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 877.645+/-0.243 χ^2/NDF: 219987.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_mean vs Slug



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

Left Out: 707.445+/-475.512 χ^2/NDF:10.4/4

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

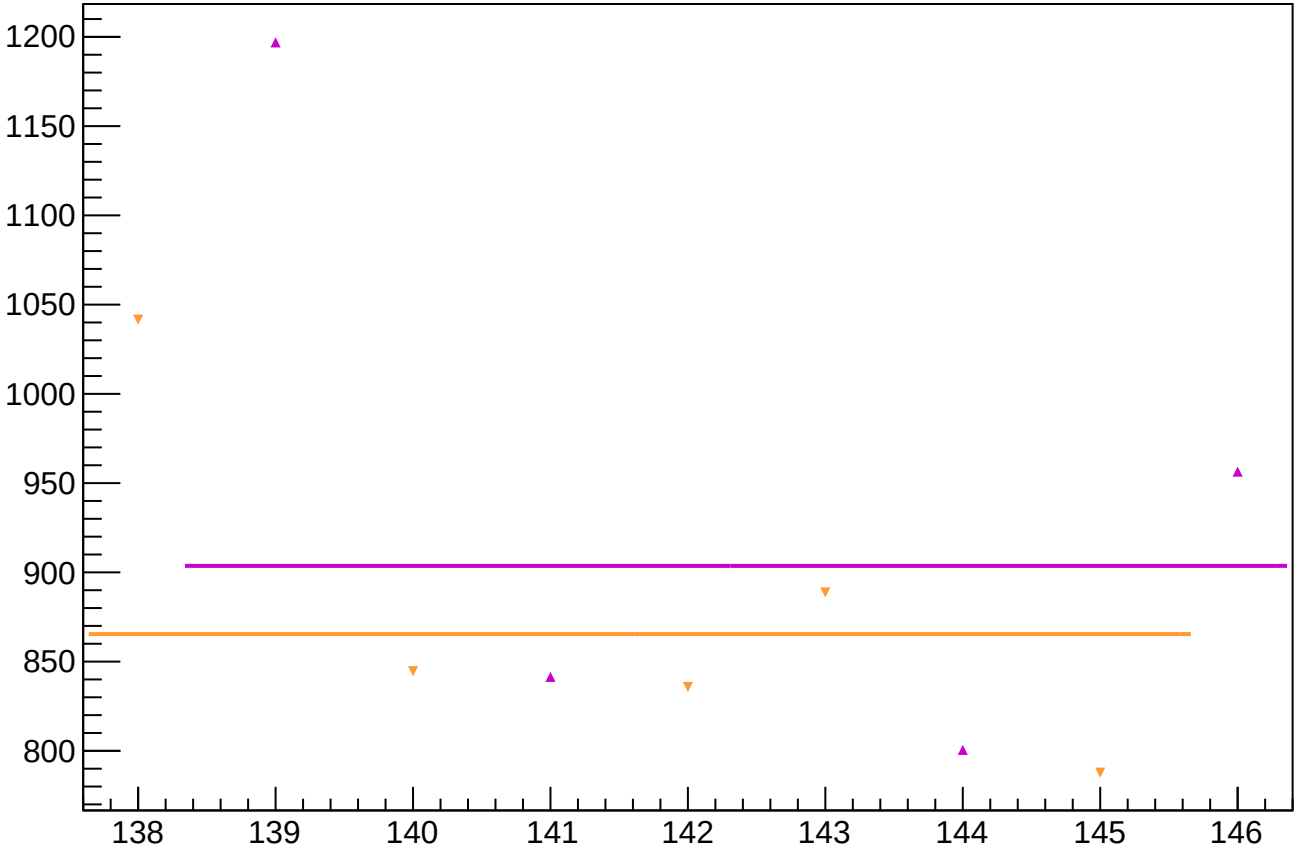
Left In: -123.059+/-503.163 χ^2/NDF:2.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 315.638+/-345.600 χ^2/NDF: 14.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_rms vs Slug



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

Left Out: 865.402+/-0.336 χ^2/NDF:58435.3/4

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

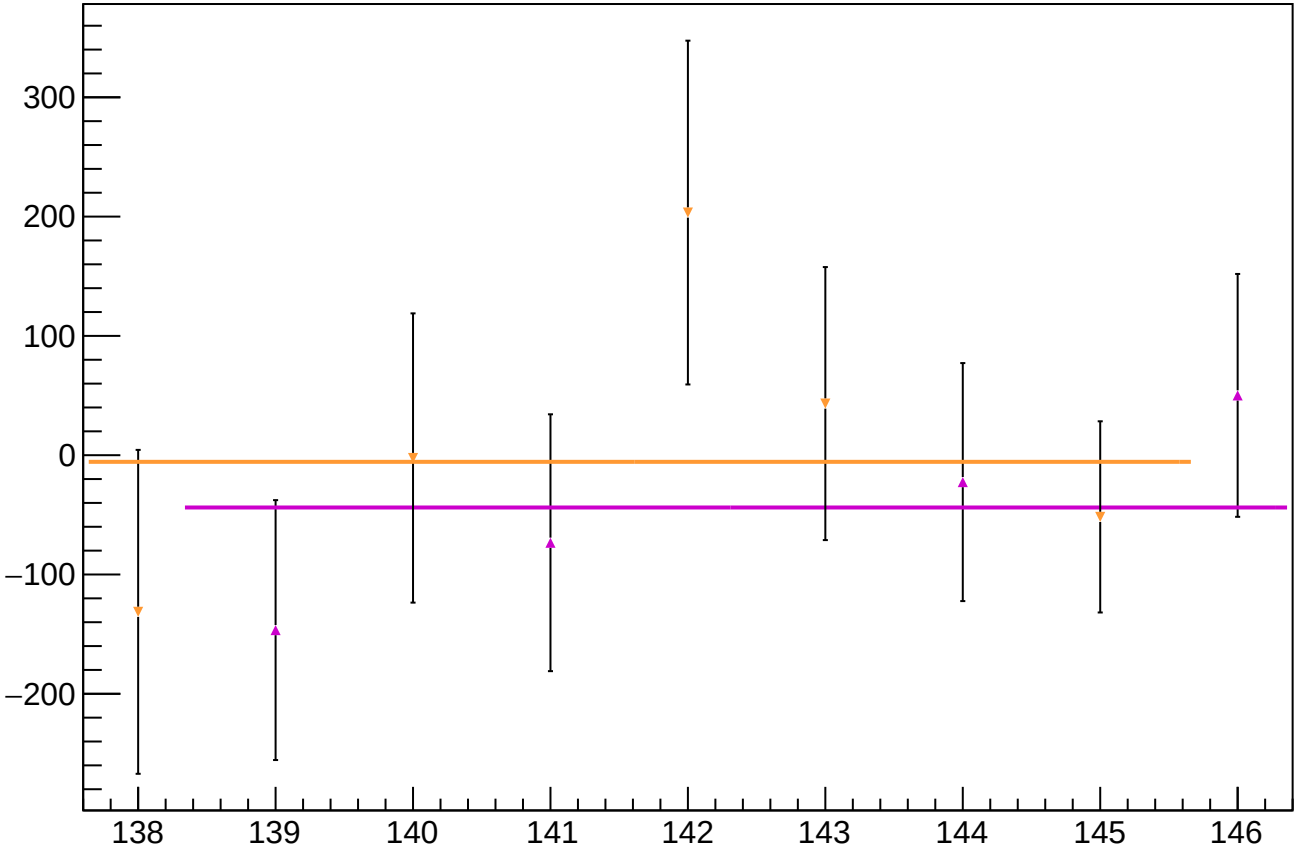
Left In: 903.631+/-0.356 χ^2/NDF:137874.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 883.437+/-0.244 χ^2/NDF: 202408.3/8

- 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: -5.561+/-49.839 χ^2/NDF:3.5/4

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

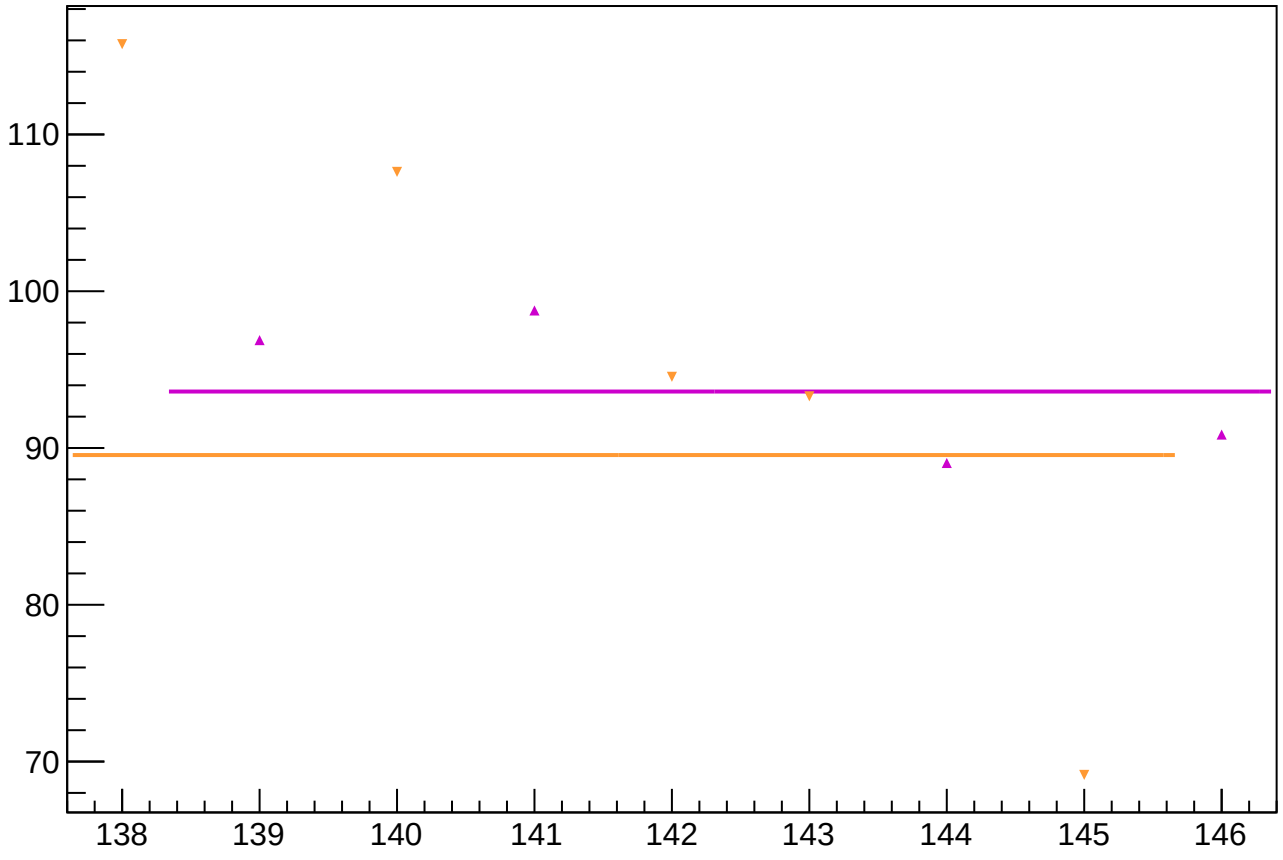
Left In: -43.836+/-52.161 χ^2/NDF:1.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.828+/-36.034 χ^2/NDF: 5.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 89.550+/-0.035 χ^2/NDF:253136.3/4

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

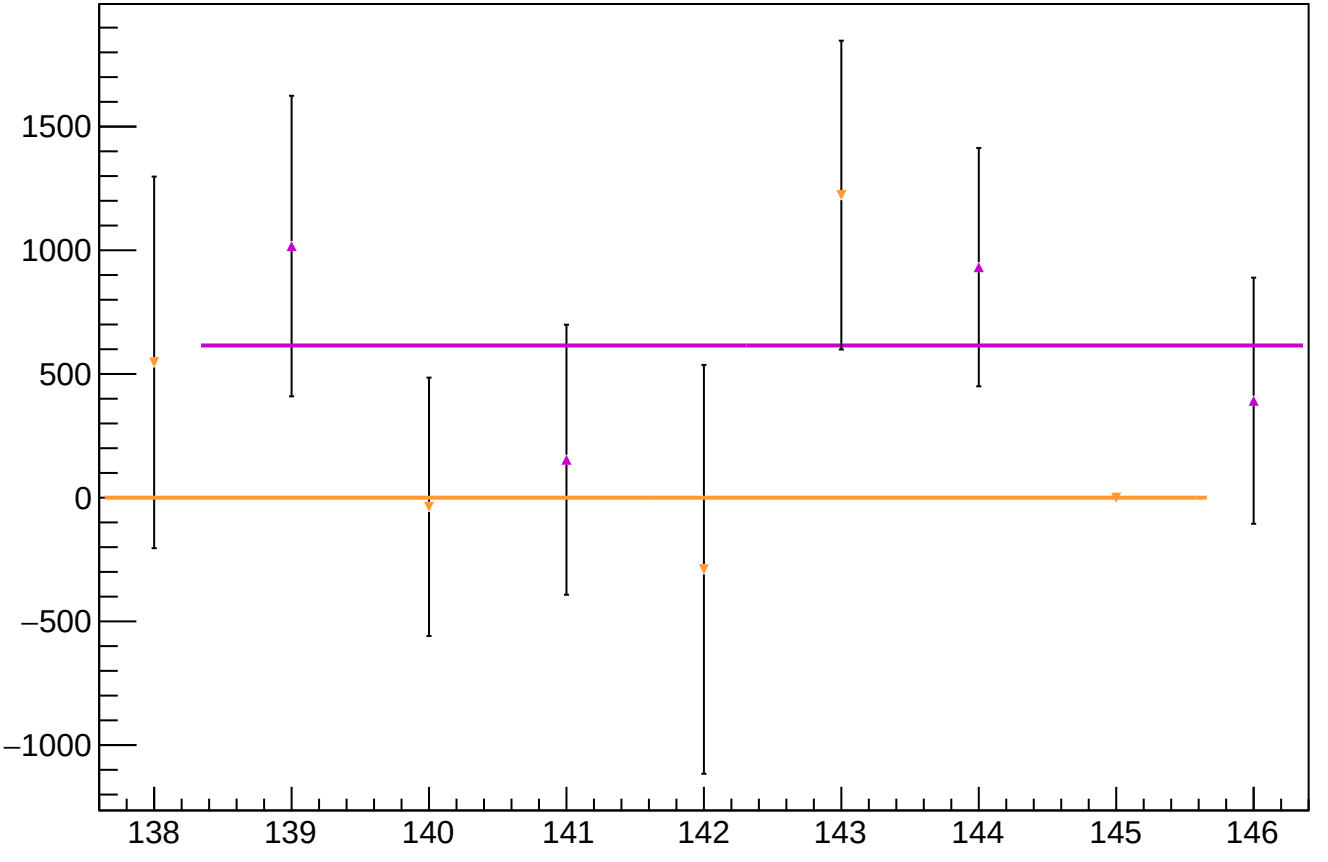
Left In: 93.602+/-0.037 χ^2/NDF:12054.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 91.484+/-0.025 χ^2/NDF: 271499.3/8

- 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:4.5/4

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

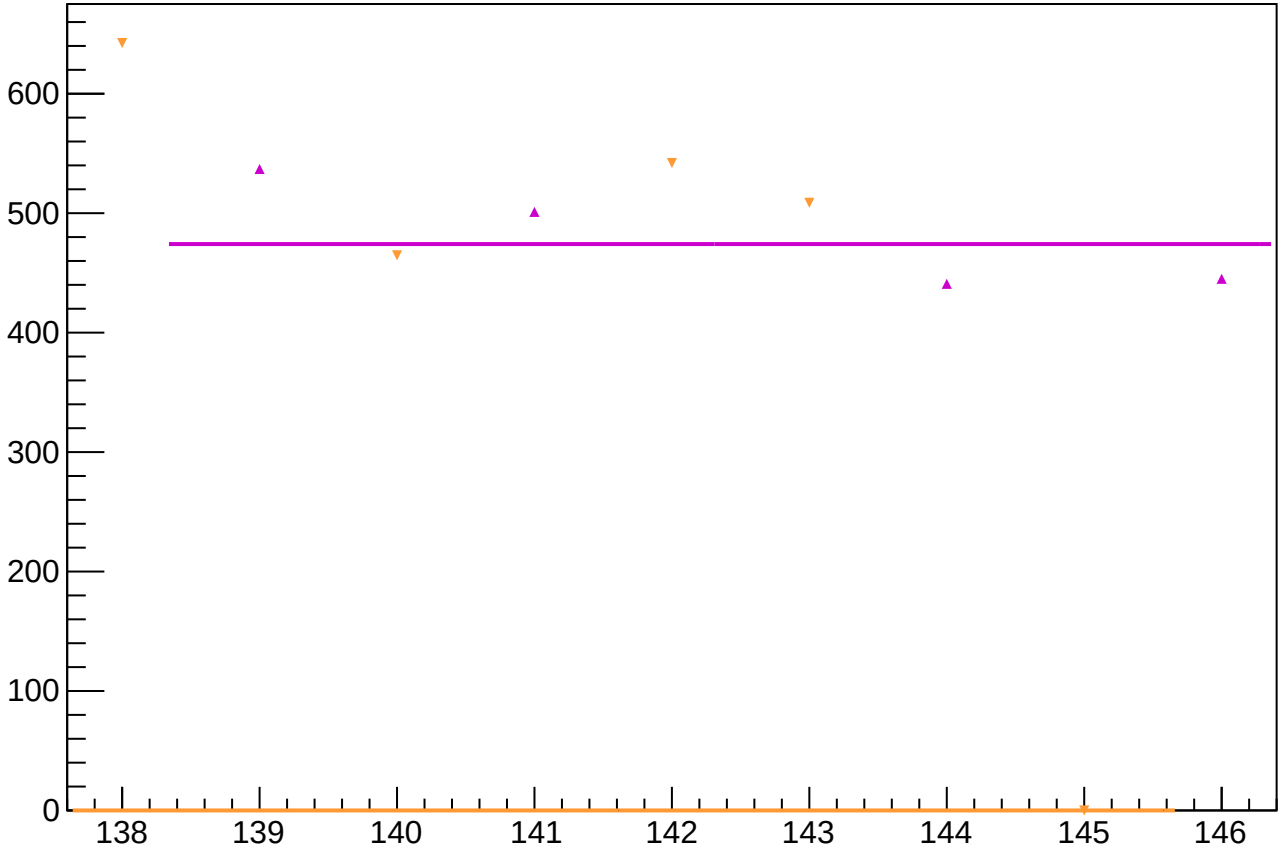
Left In: 615.248+/-263.337 χ^2/NDF:1.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.000+/-0.000 χ^2/NDF: 11.7/8

- 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:5236347.6/4

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

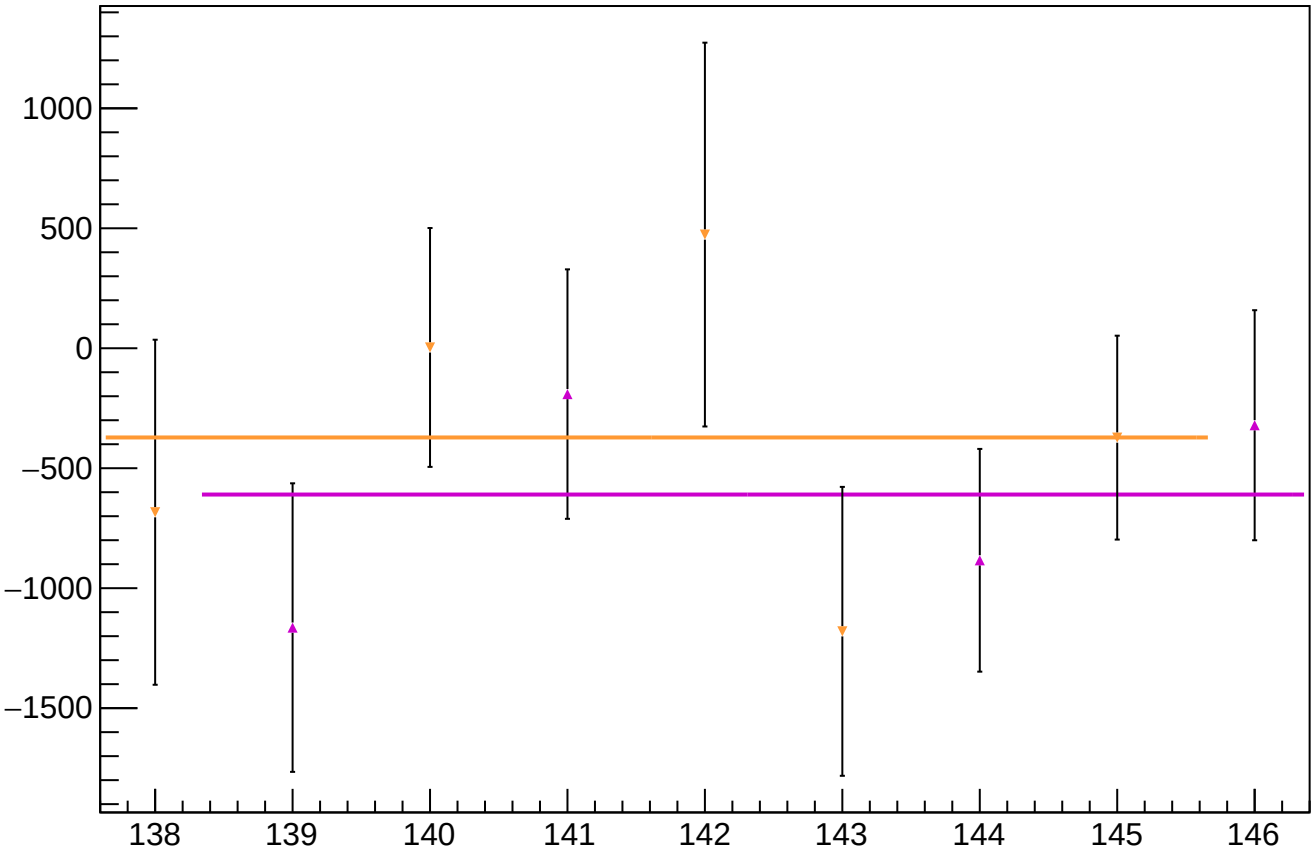
Left In: 474.148+/-0.186 χ^2/NDF:42653.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 11762850.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -371.820+/-251.325 χ^2/NDF:3.7/4

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

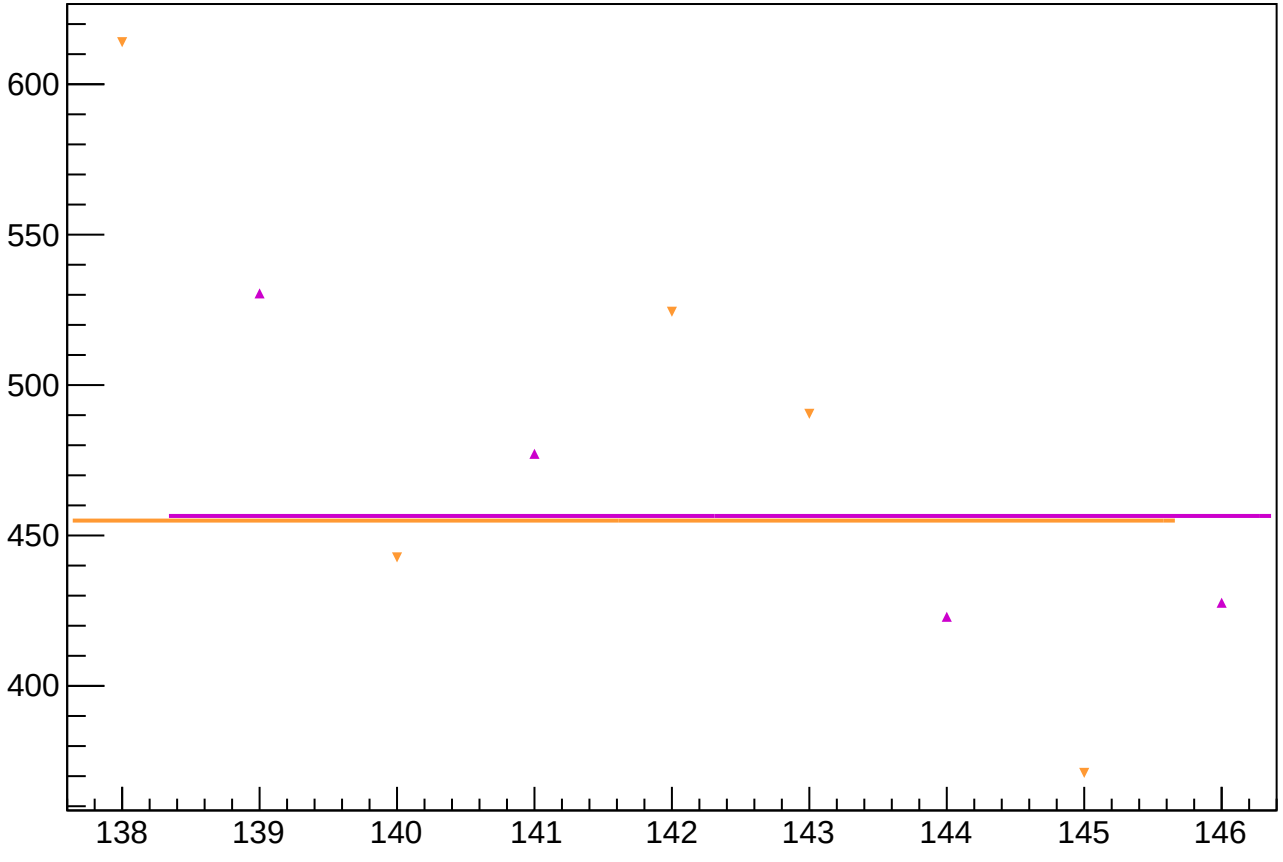
Left In: -609.678+/-254.345 χ^2/NDF:2.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -489.329+/-178.772 χ^2/NDF: 6.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug



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

Left Out: 454.954+/-0.178 χ^2/NDF:198985.4/4

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

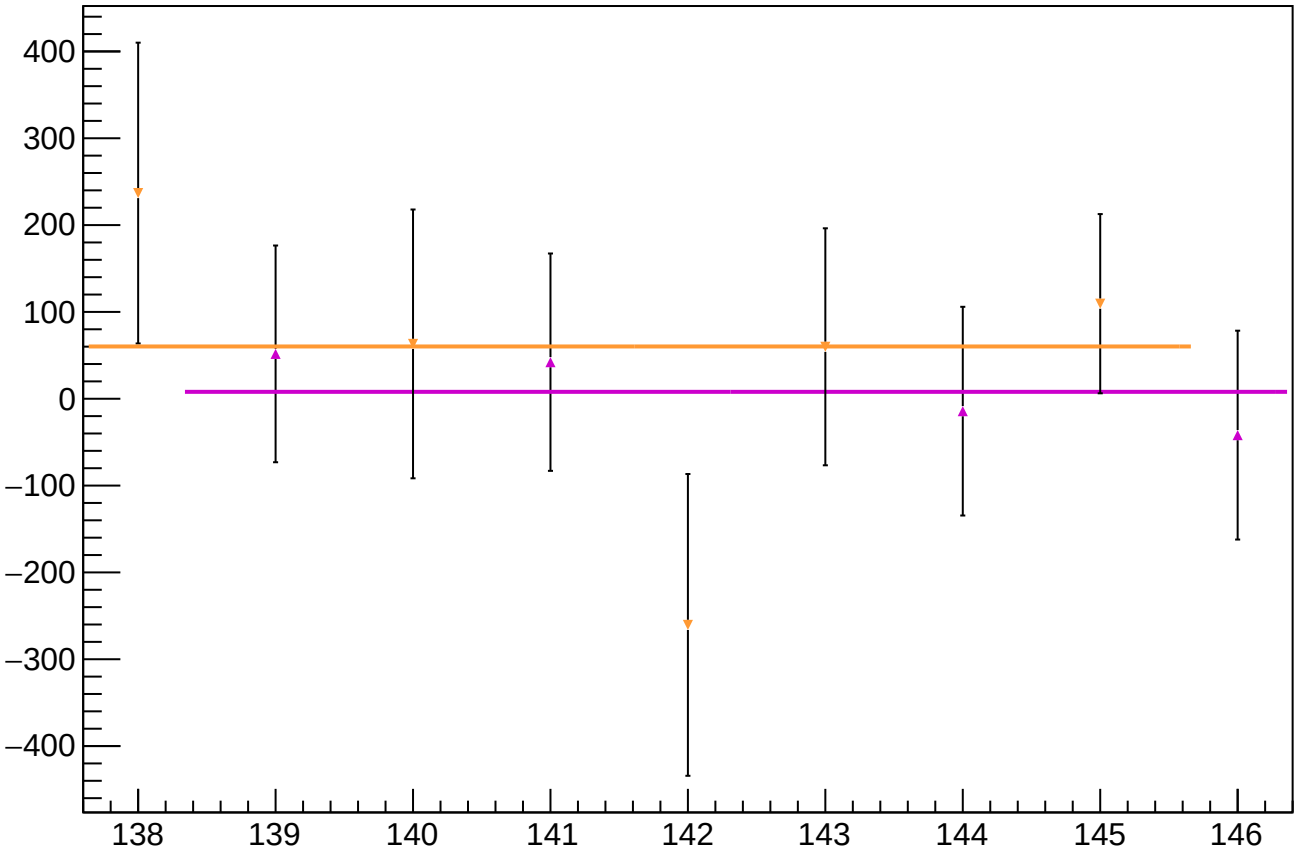
Left In: 456.493+/-0.180 χ^2/NDF:51098.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 455.714+/-0.126 χ^2/NDF: 250121.0/8

- 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: 60.209+/-62.530 χ^2/NDF:4.7/4

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

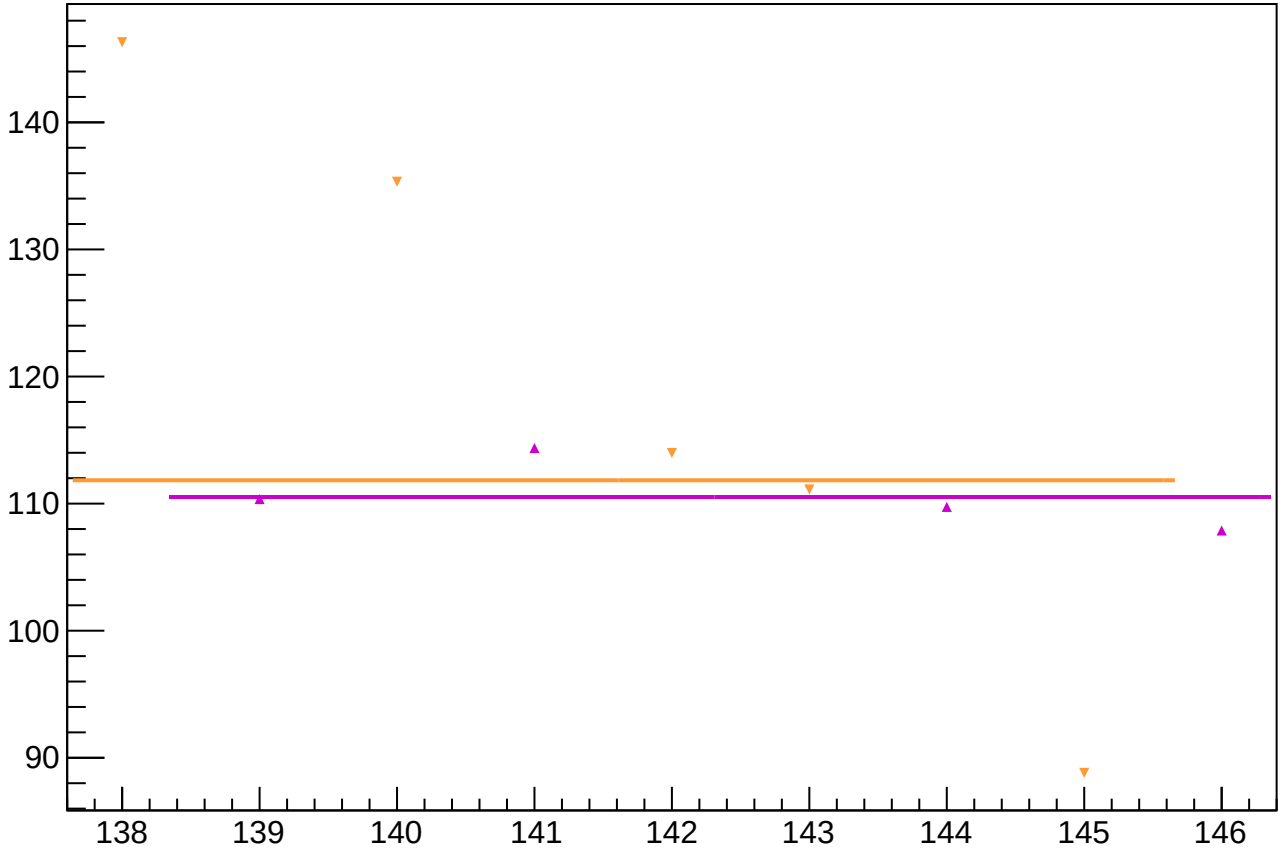
Left In: 7.963+/-61.268 χ^2/NDF:0.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 33.553+/-43.762 χ^2/NDF: 5.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 111.837+/-0.044 χ^2/NDF:225158.9/4

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

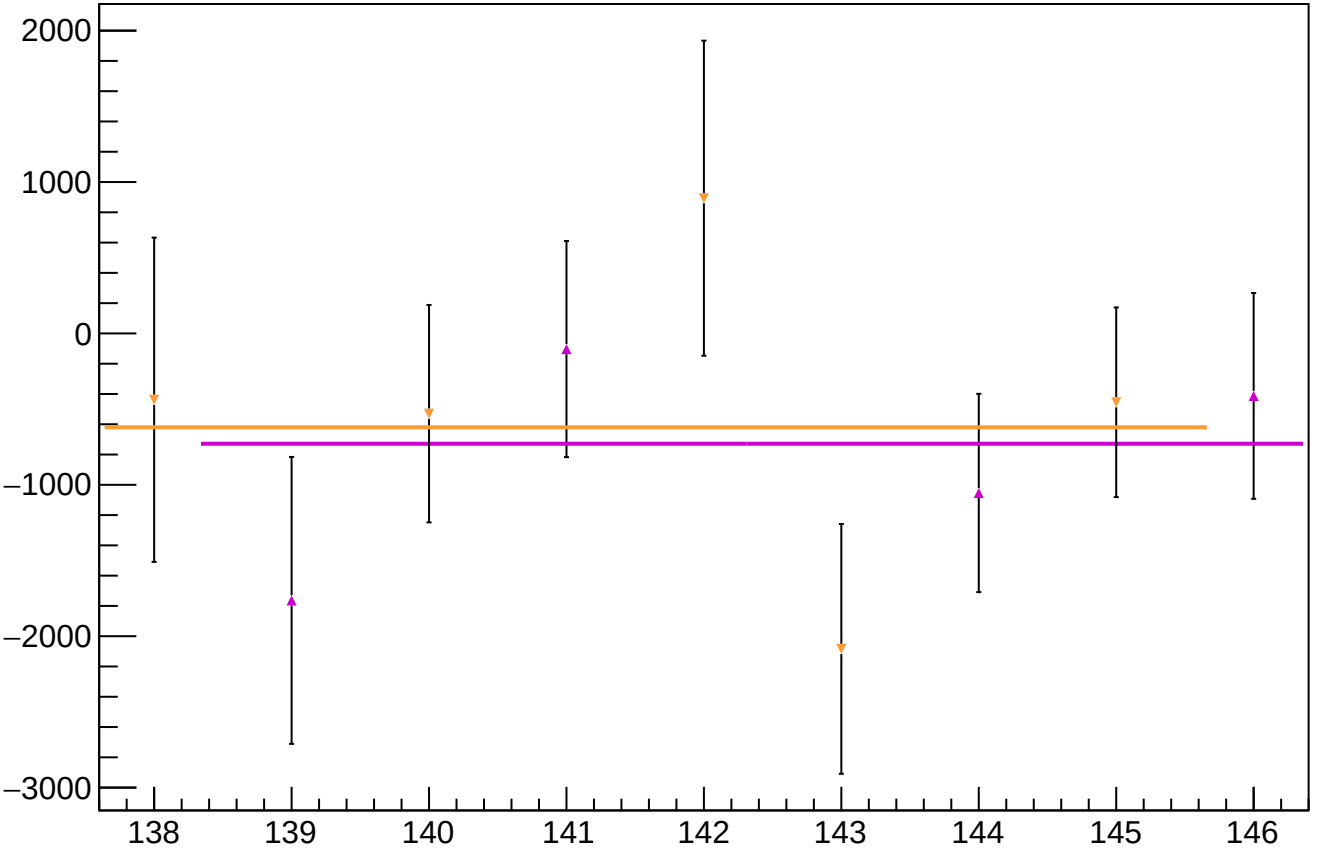
Left In: 110.519+/-0.043 χ^2/NDF:2943.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 111.165+/-0.031 χ^2/NDF: 228555.6/8

- 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: -619.959+/-359.162 χ^2/NDF:5.4/4

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

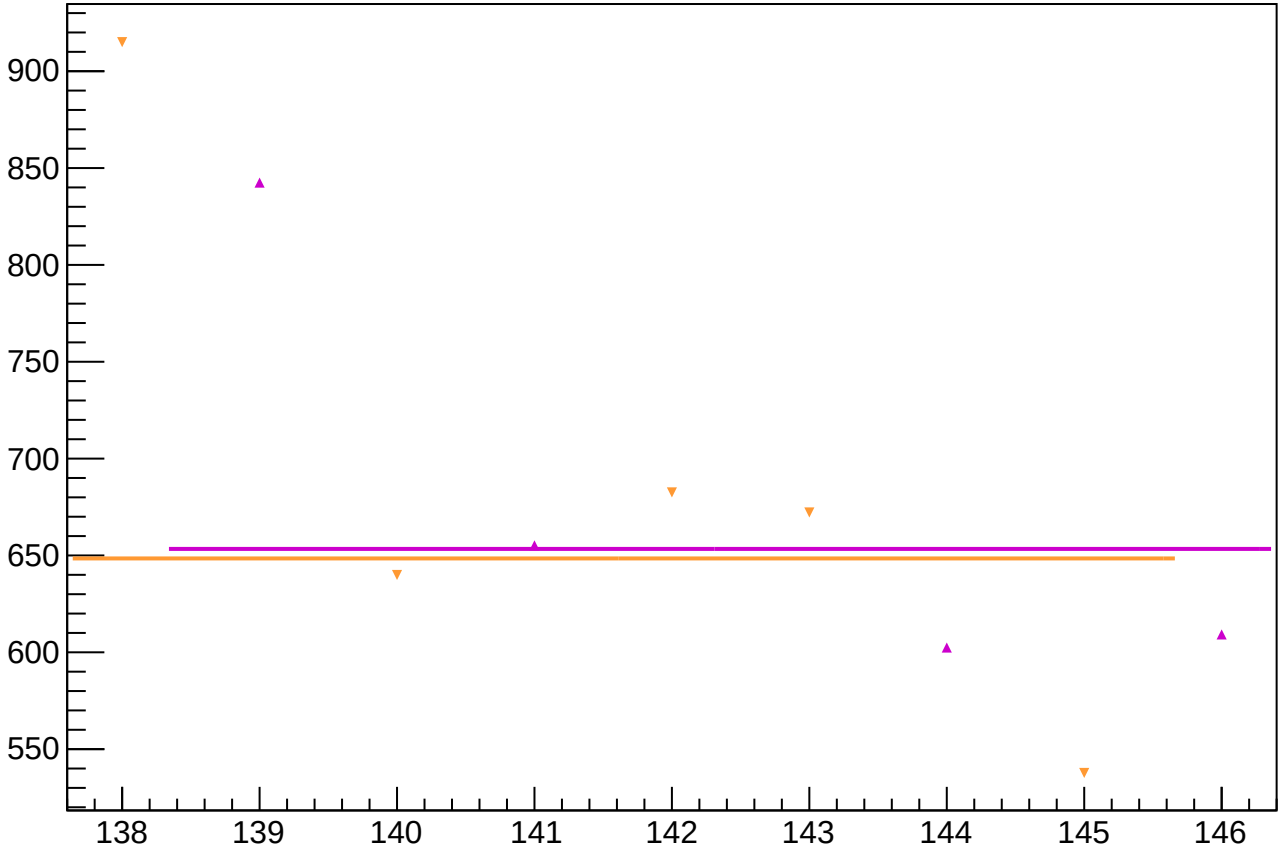
Left In: -728.671+/-363.423 χ^2/NDF:2.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -673.674+/-255.459 χ^2/NDF: 7.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 648.461+/-0.254 χ^2/NDF:190458.0/4

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

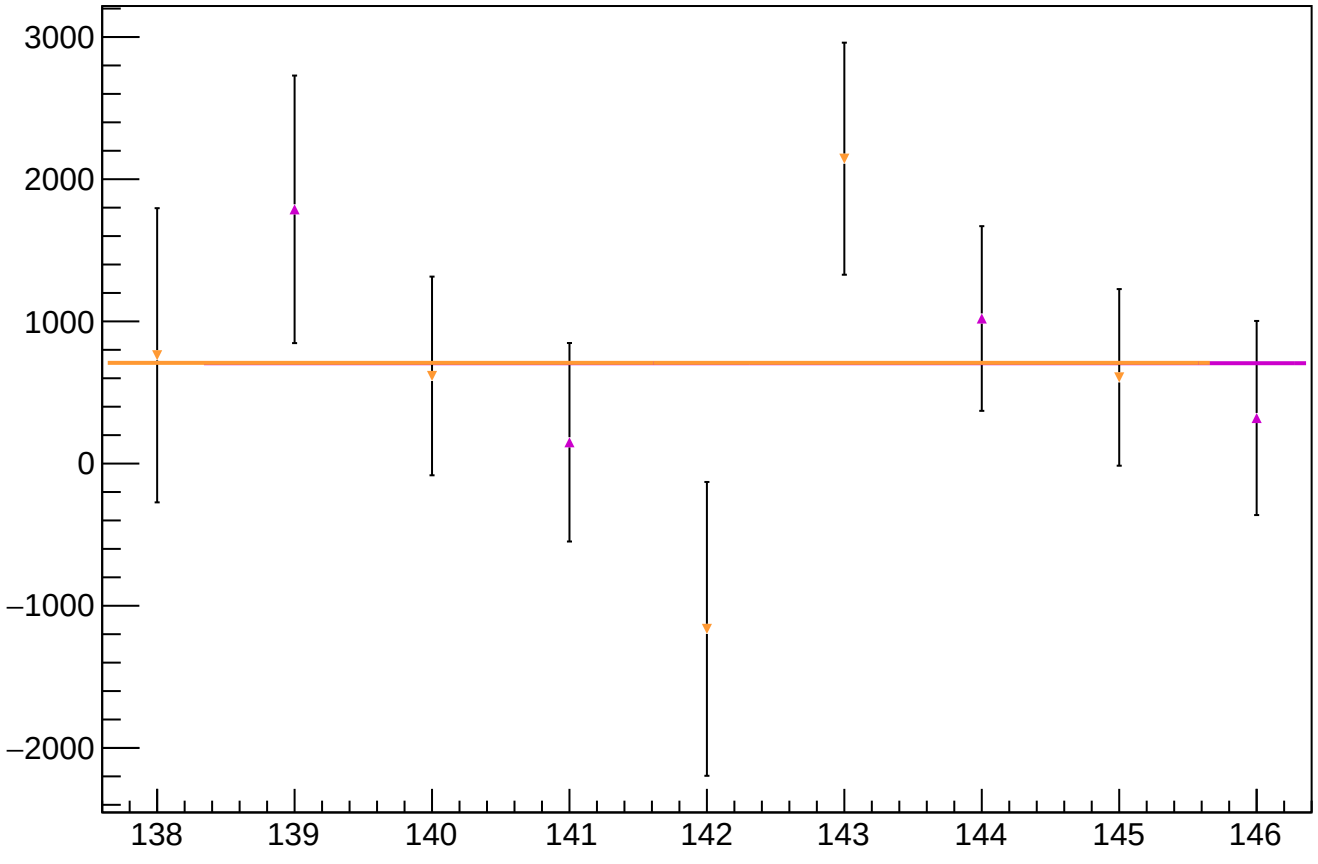
Left In: 653.379+/-0.257 χ^2/NDF:100188.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 650.891+/-0.181 χ^2/NDF: 290831.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 708.373+/-353.263 χ^2/NDF:6.4/4

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

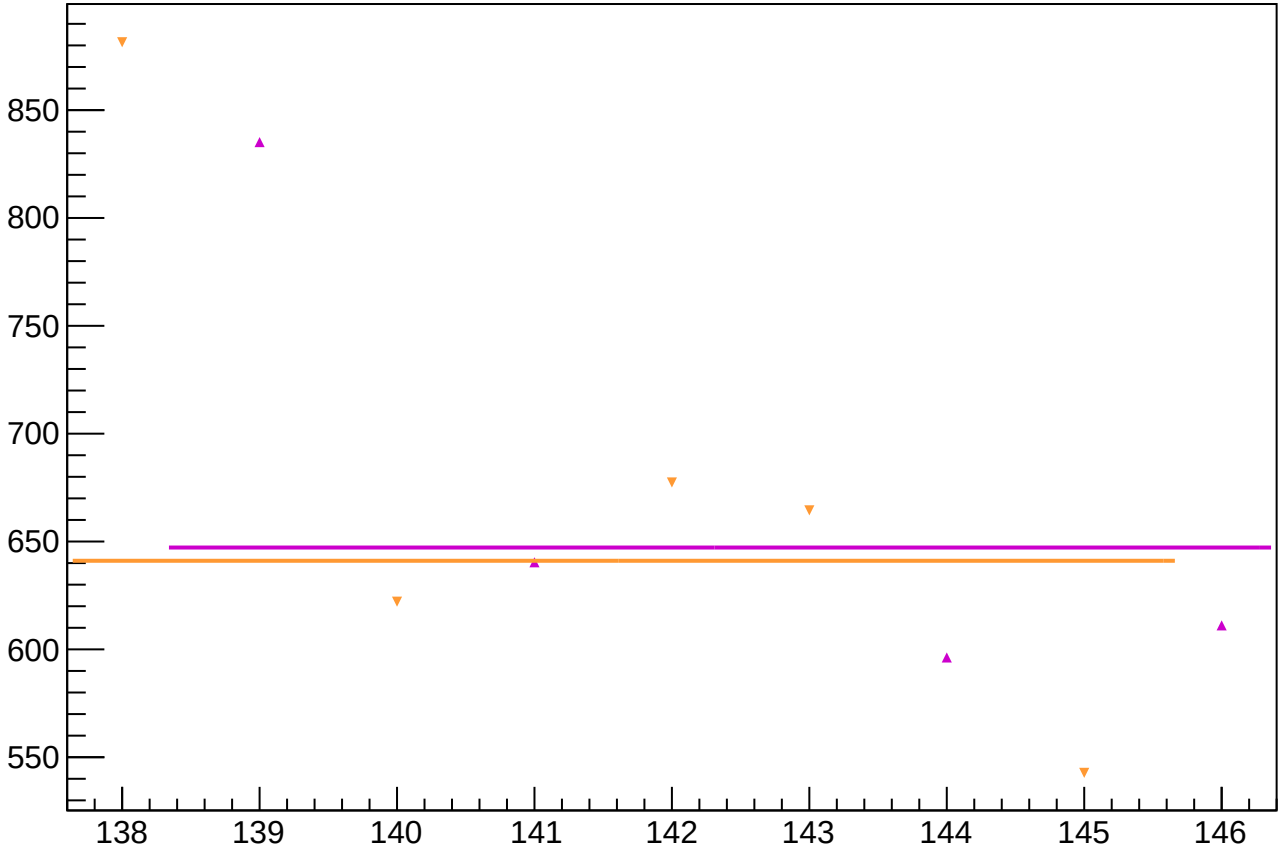
Left In: 705.881+/-360.399 χ^2/NDF:2.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 707.152+/-252.280 χ^2/NDF: 8.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_rms vs Slug



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

Left Out: 641.075+/-0.250 χ^2/NDF:163686.0/4

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

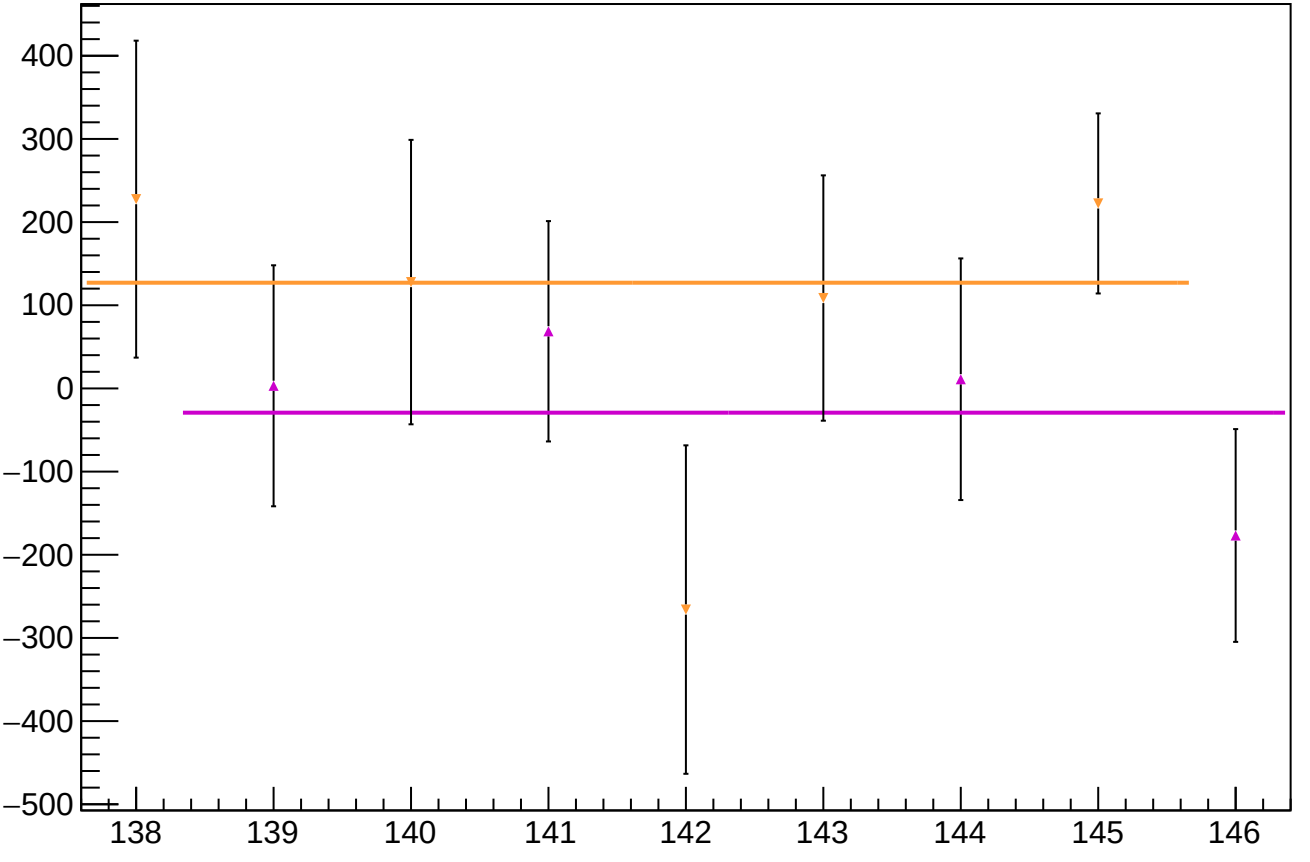
Left In: 647.213+/-0.255 χ^2/NDF:97918.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 644.083+/-0.178 χ^2/NDF: 261900.1/8

- 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: 127.119+/-67.627 χ^2/NDF:5.0/4

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

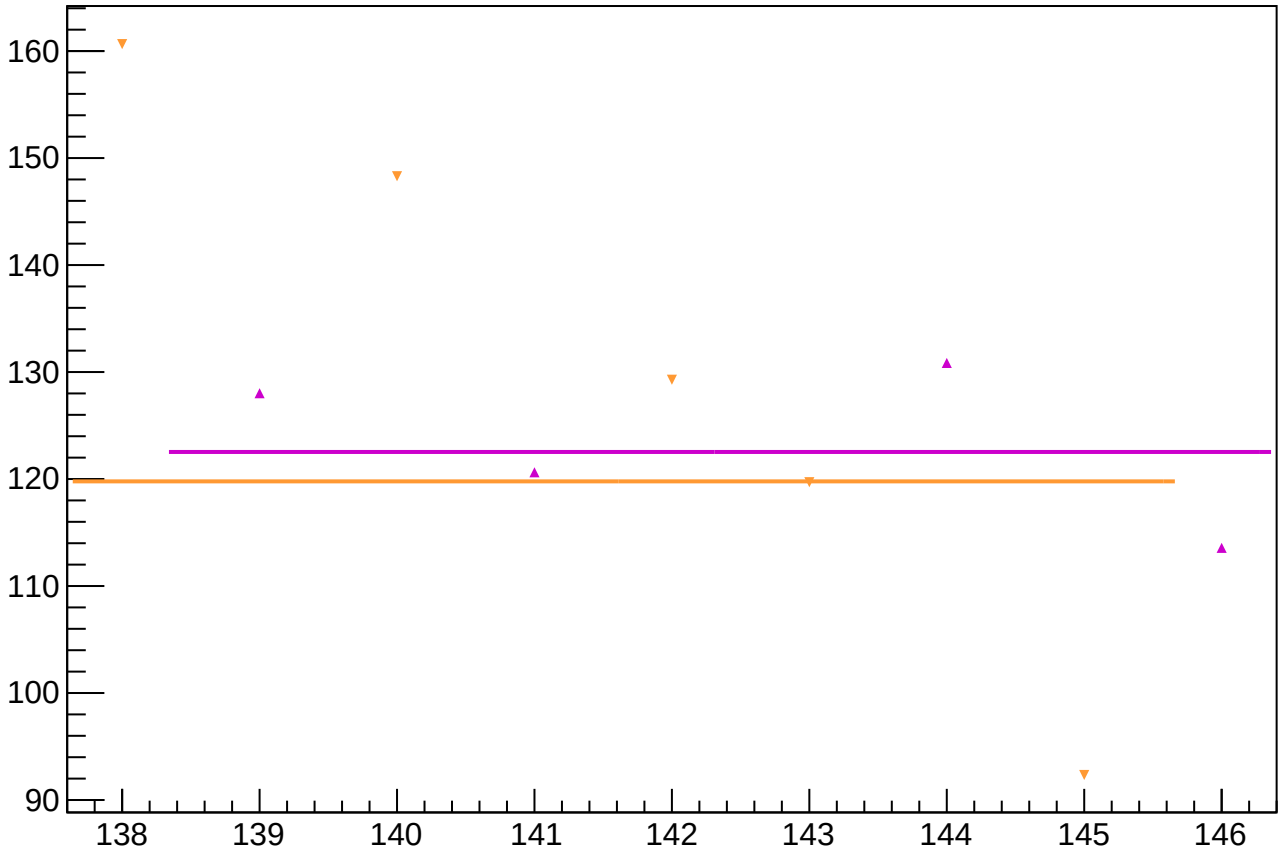
Left In: -29.155+/-68.503 χ^2/NDF:2.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 49.987+/-48.126 χ^2/NDF: 9.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 119.781+/-0.048 χ^2/NDF:280742.3/4

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

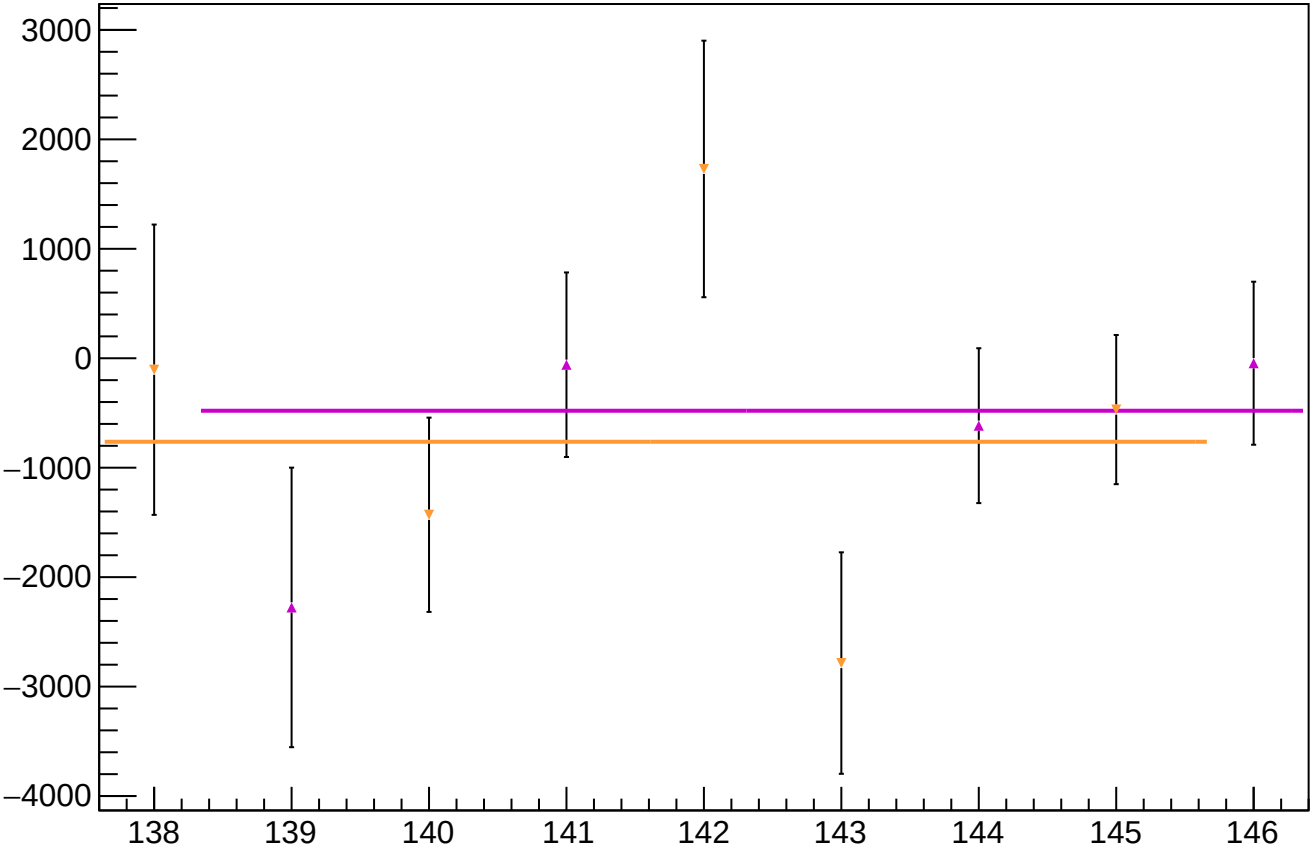
Left In: 122.530+/-0.048 χ^2/NDF:19660.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 121.138+/-0.034 χ^2/NDF: 302033.9/8

- 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: -763.062+/-419.036 χ^2/NDF:9.5/4

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

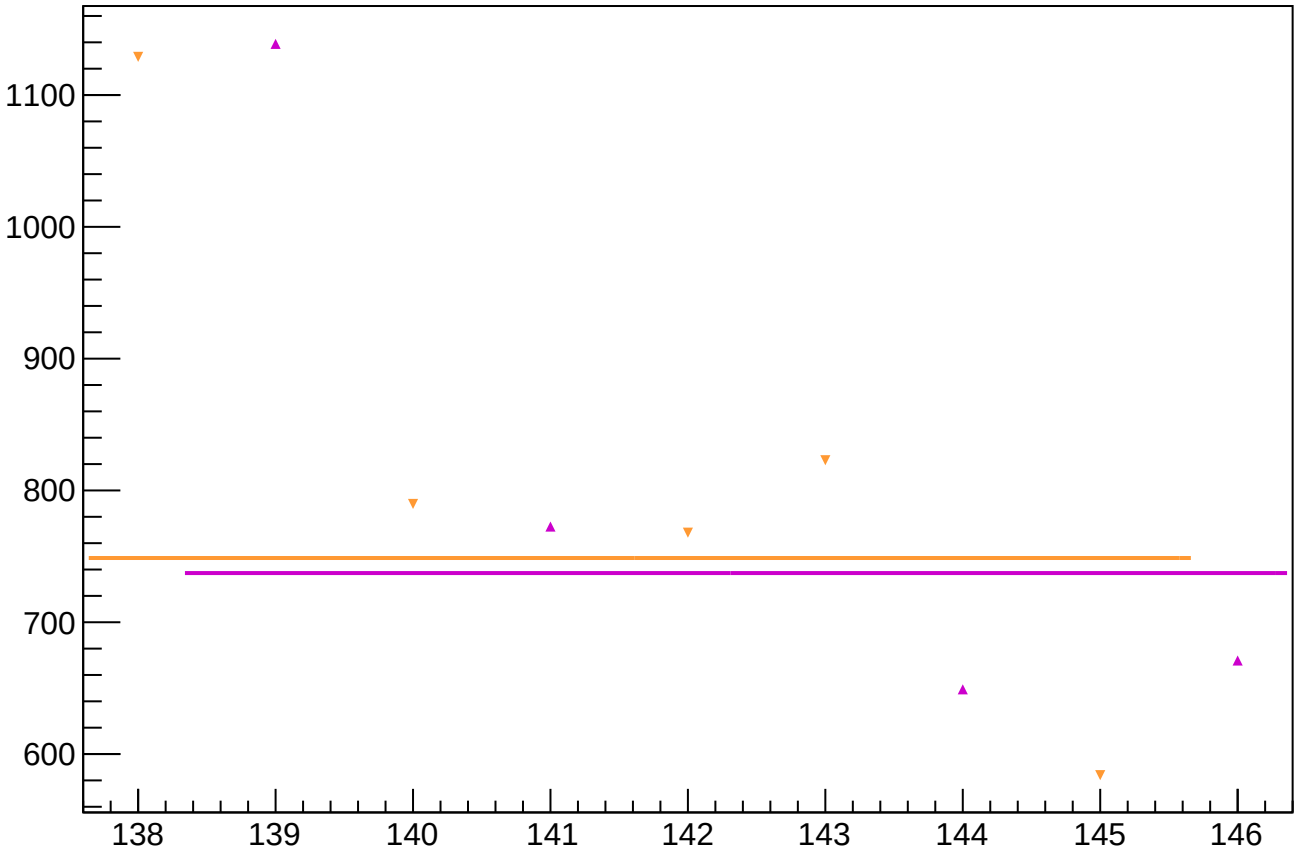
Left In: -479.539+/-414.504 χ^2/NDF:2.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -619.759+/-294.688 χ^2/NDF: 12.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 748.744+/-0.296 χ^2/NDF:296801.4/4

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

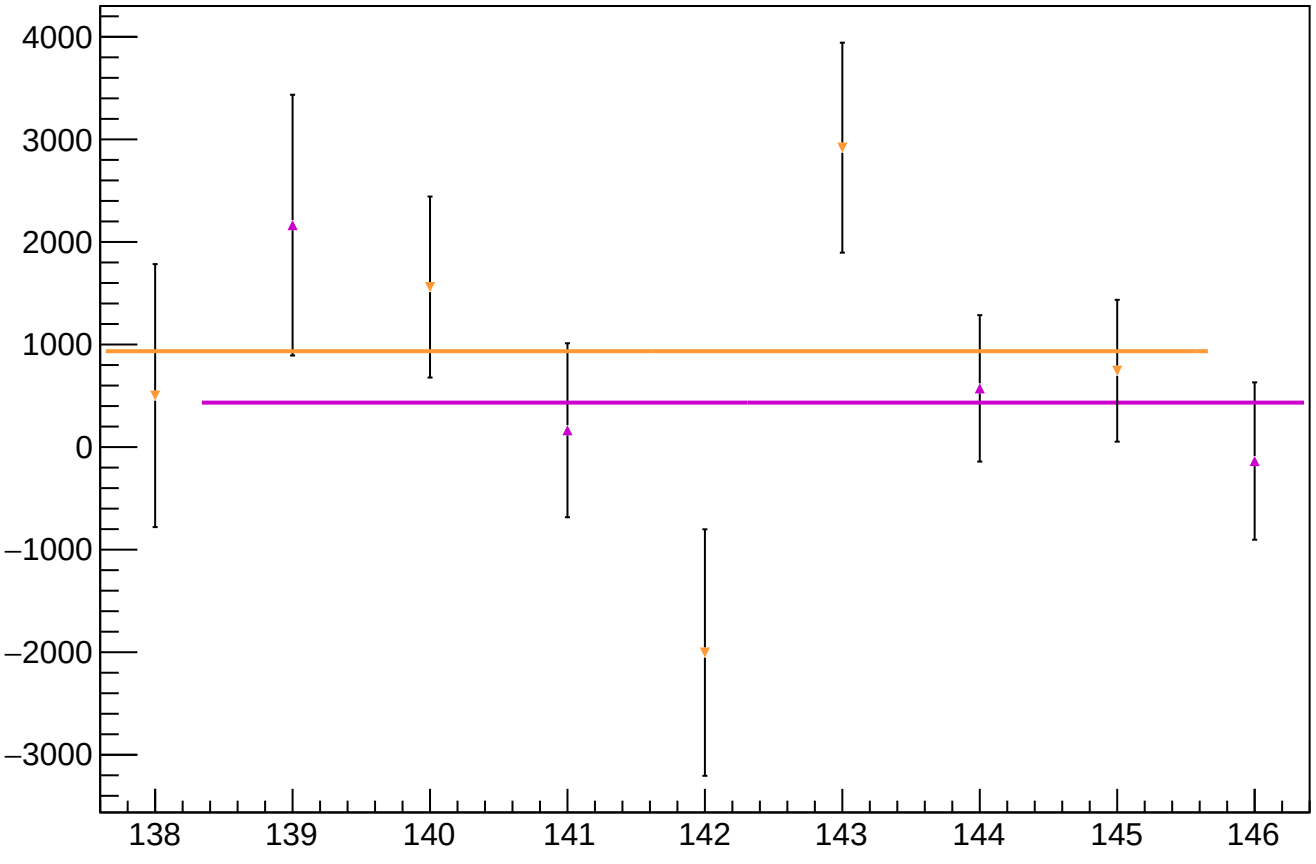
Left In: 737.318+/-0.293 χ^2/NDF:248142.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 742.969+/-0.208 χ^2/NDF: 545694.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_mean vs Slug



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

Left Out: 935.027+/-421.419 χ^2/NDF:10.4/4

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

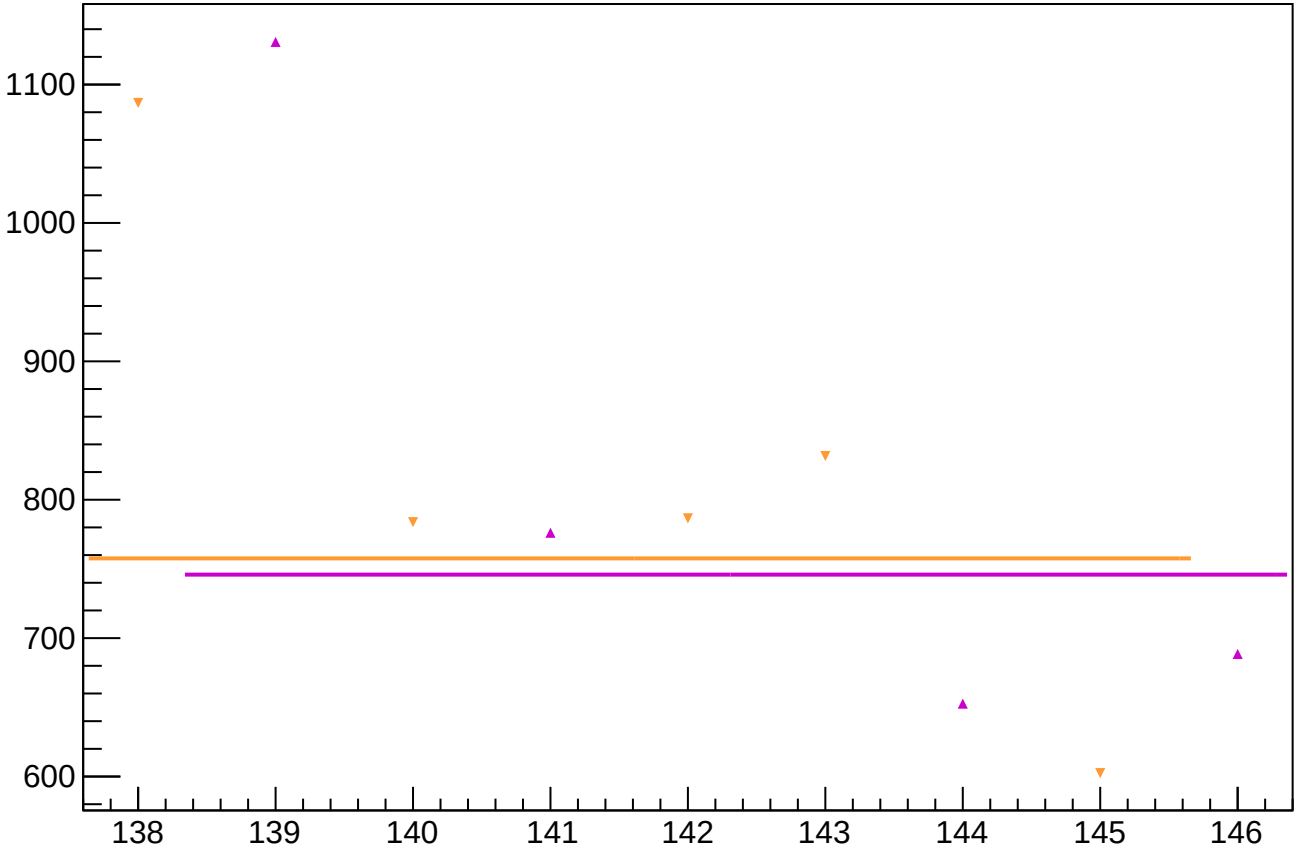
Left In: 433.621+/-419.944 χ^2/NDF:2.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 683.445+/-297.465 χ^2/NDF: 13.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_rms vs Slug



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

Left Out: 757.616+/-0.298 χ^2/NDF:245853.5/4

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

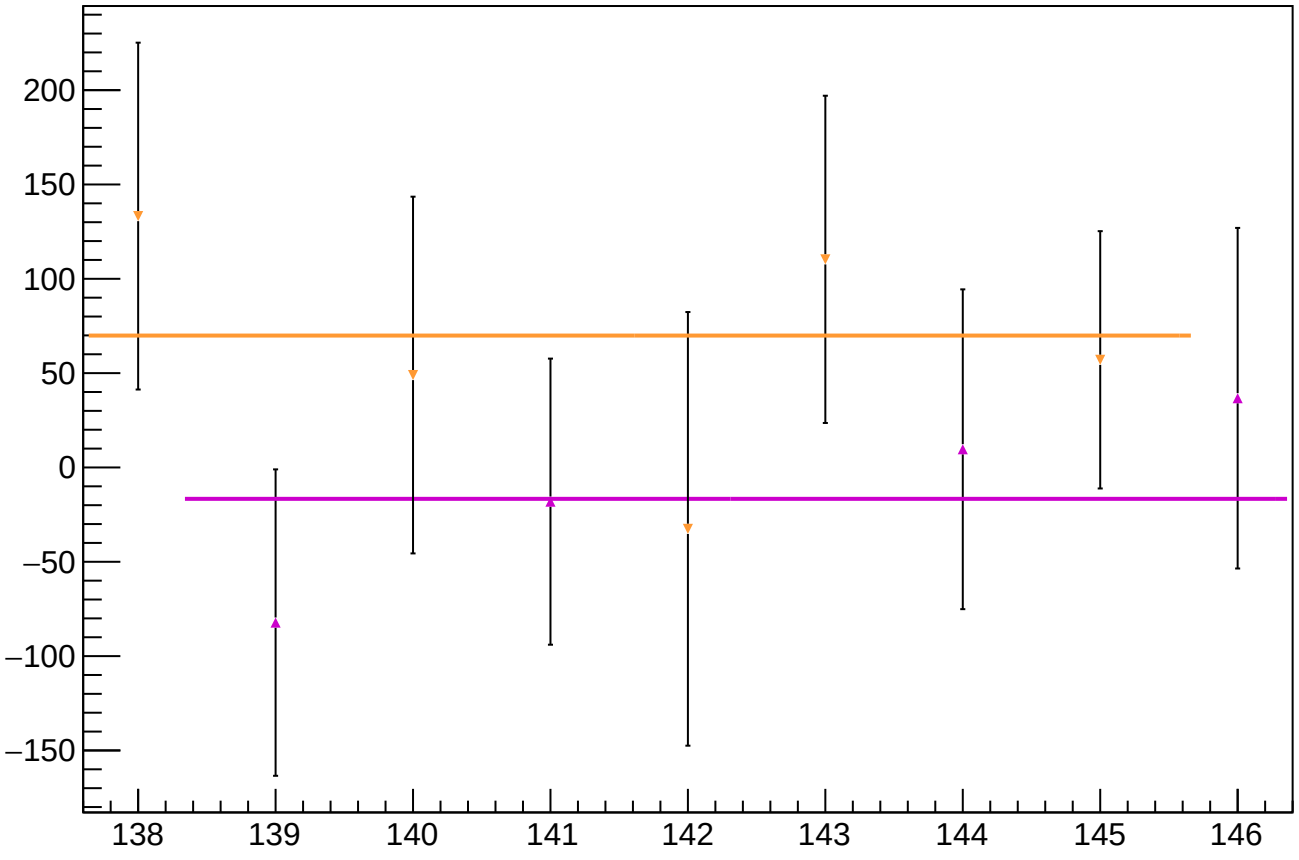
Left In: 745.892+/-0.297 χ^2/NDF:231219.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 751.733+/-0.210 χ^2/NDF: 477849.9/8

- 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: 69.916+/-39.107 χ^2/NDF:1.6/4

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

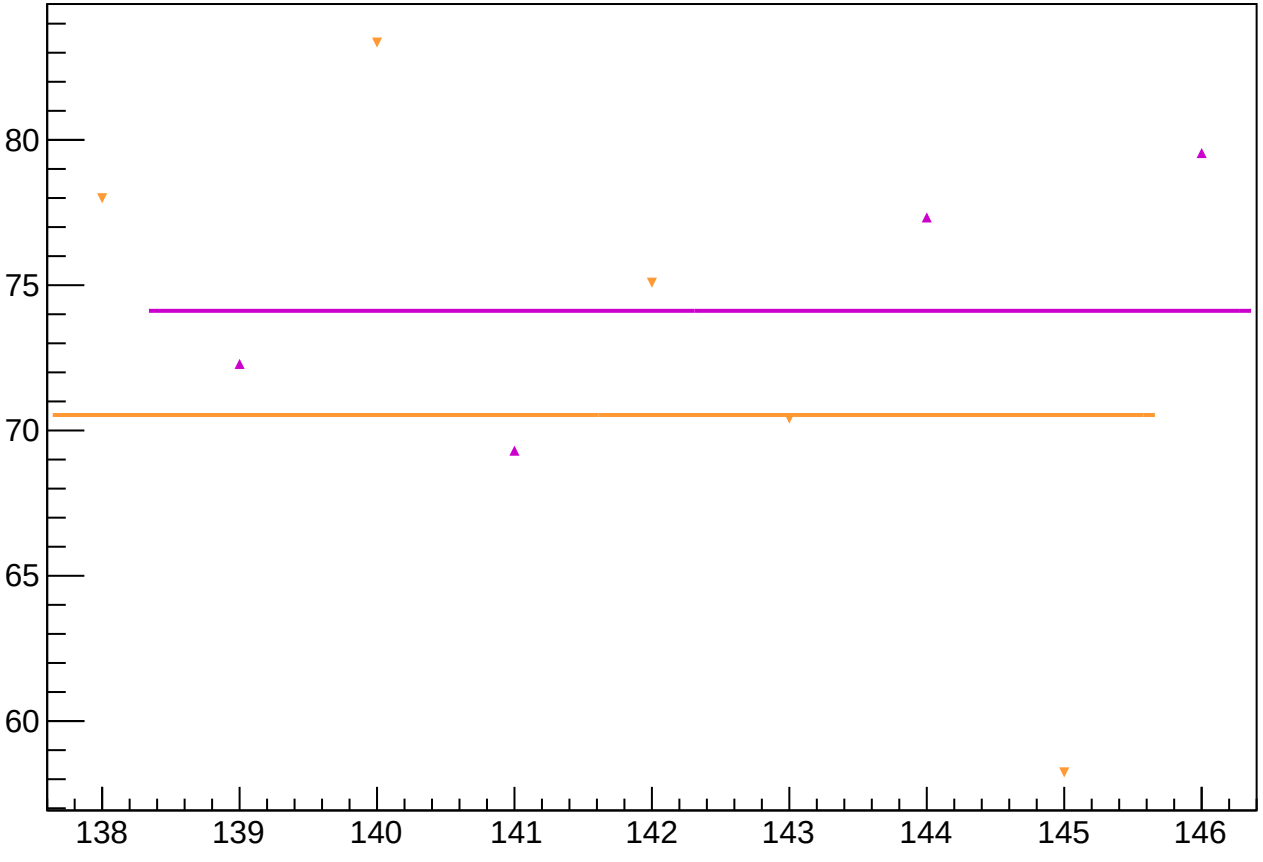
Left In: -16.633+/-41.258 χ^2/NDF:1.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 28.956+/-28.383 χ^2/NDF: 5.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 70.533+/-0.028 χ^2/NDF:118096.3/4

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

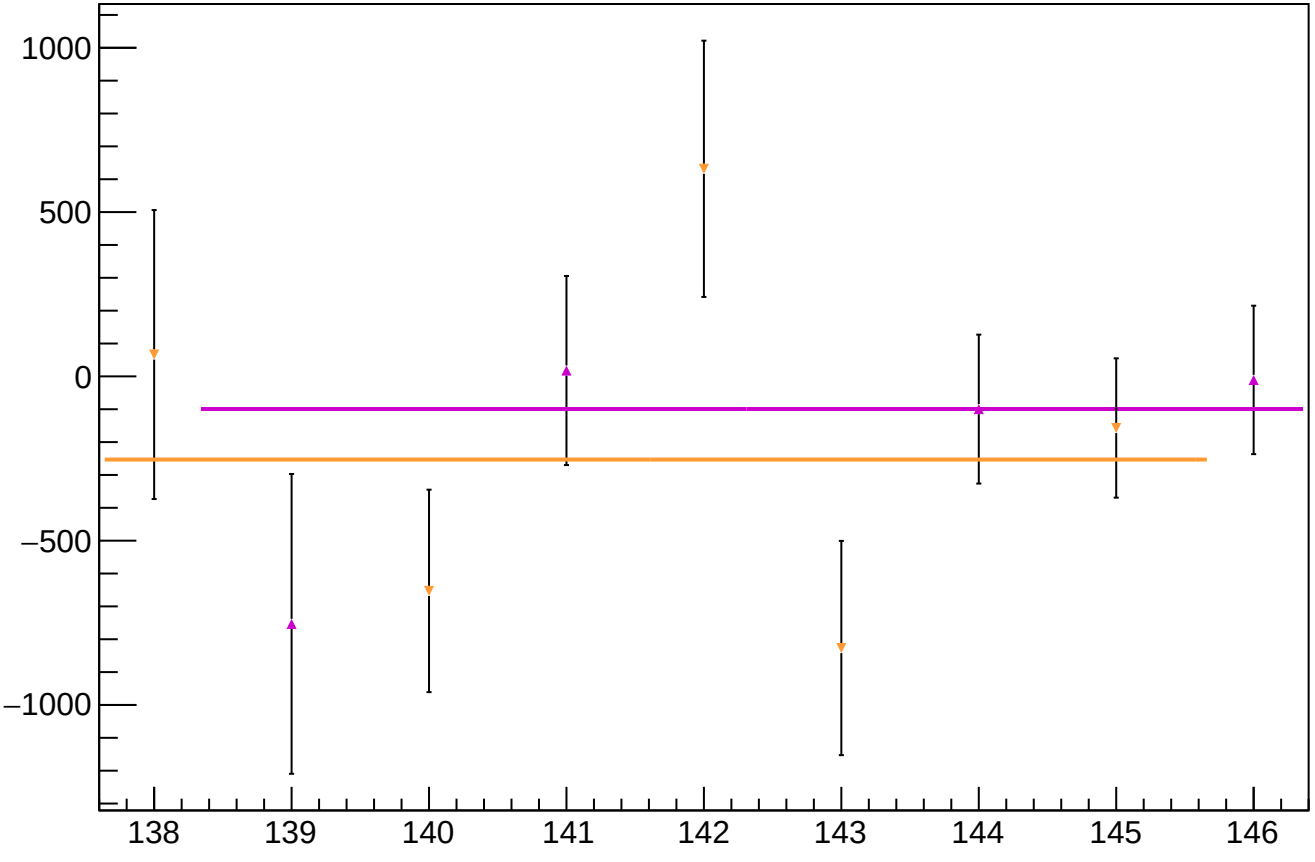
Left In: 74.118+/-0.029 χ^2/NDF:19181.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 72.230+/-0.020 χ^2/NDF: 145232.5/8

- 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: -253.128+/-136.145 χ^2/NDF:10.7/4

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

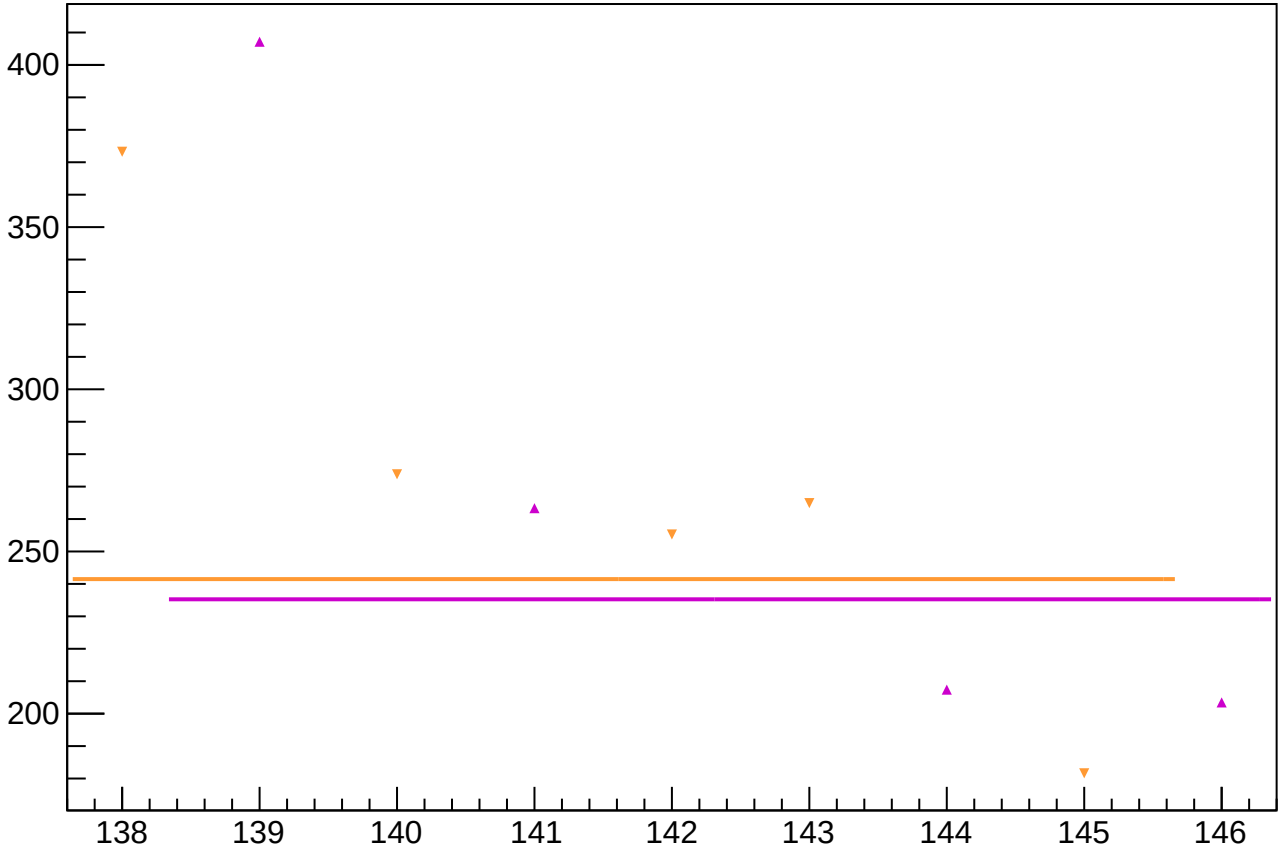
Left In: -99.256+/-133.690 χ^2/NDF:2.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -174.792+/-95.389 χ^2/NDF: 13.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 241.482+/-0.096 χ^2/NDF:373979.3/4

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

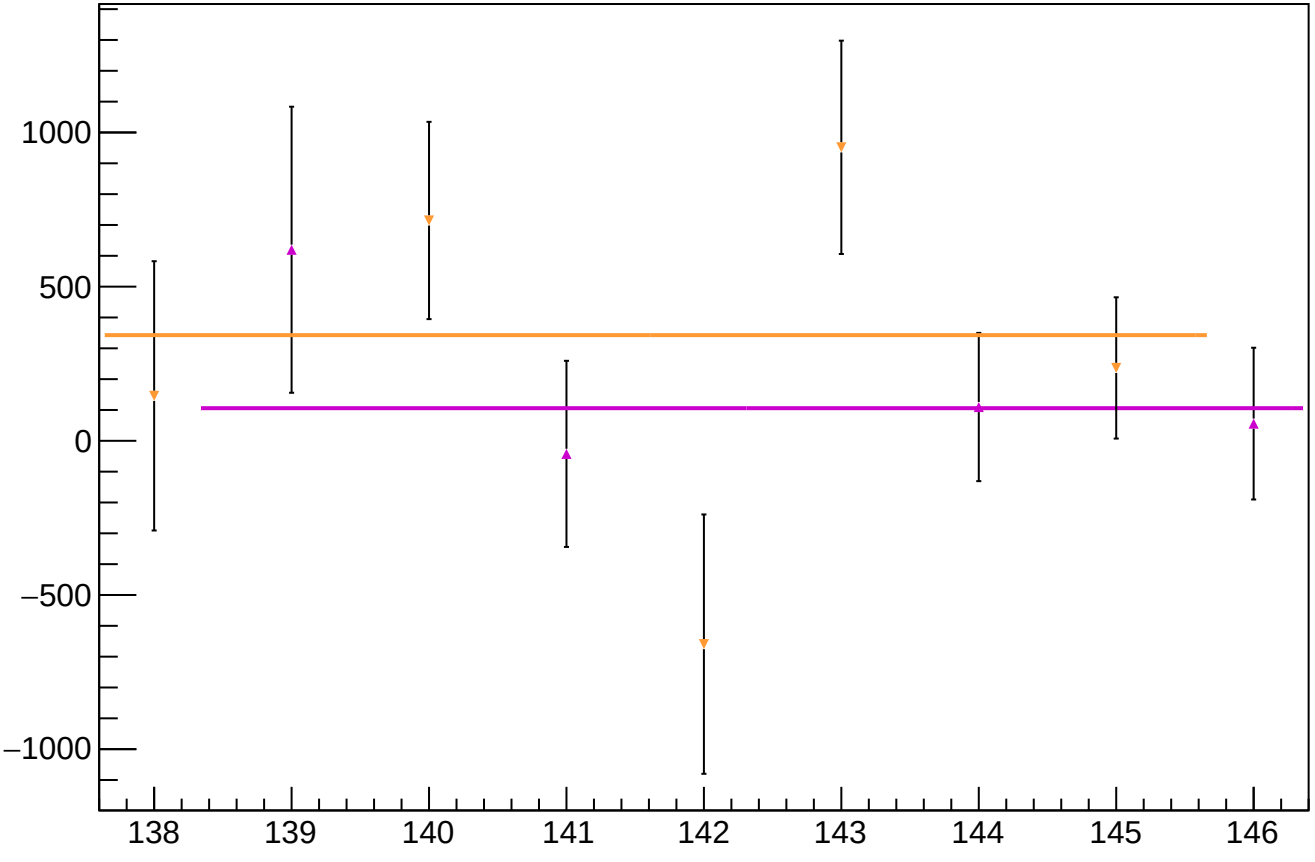
Left In: 235.253+/-0.095 χ^2/NDF:372811.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 238.311+/-0.067 χ^2/NDF: 748922.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 342.707+/-144.213 χ^2/NDF:10.5/4

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

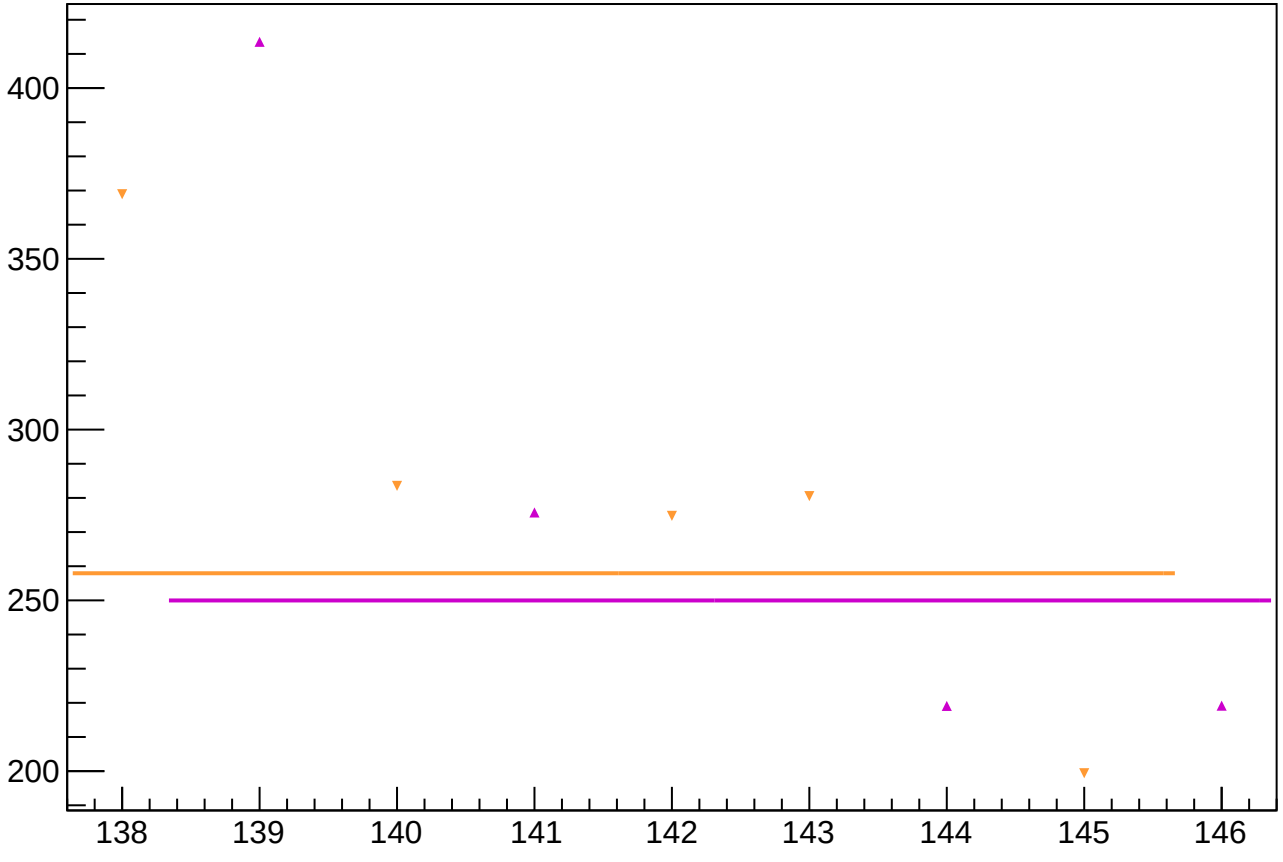
Left In: 105.829+/-142.213 χ^2/NDF:1.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 222.614+/-101.259 χ^2/NDF: 13.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_rms vs Slug



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

Left Out: 257.941+/-0.102 χ^2/NDF:284357.7/4

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

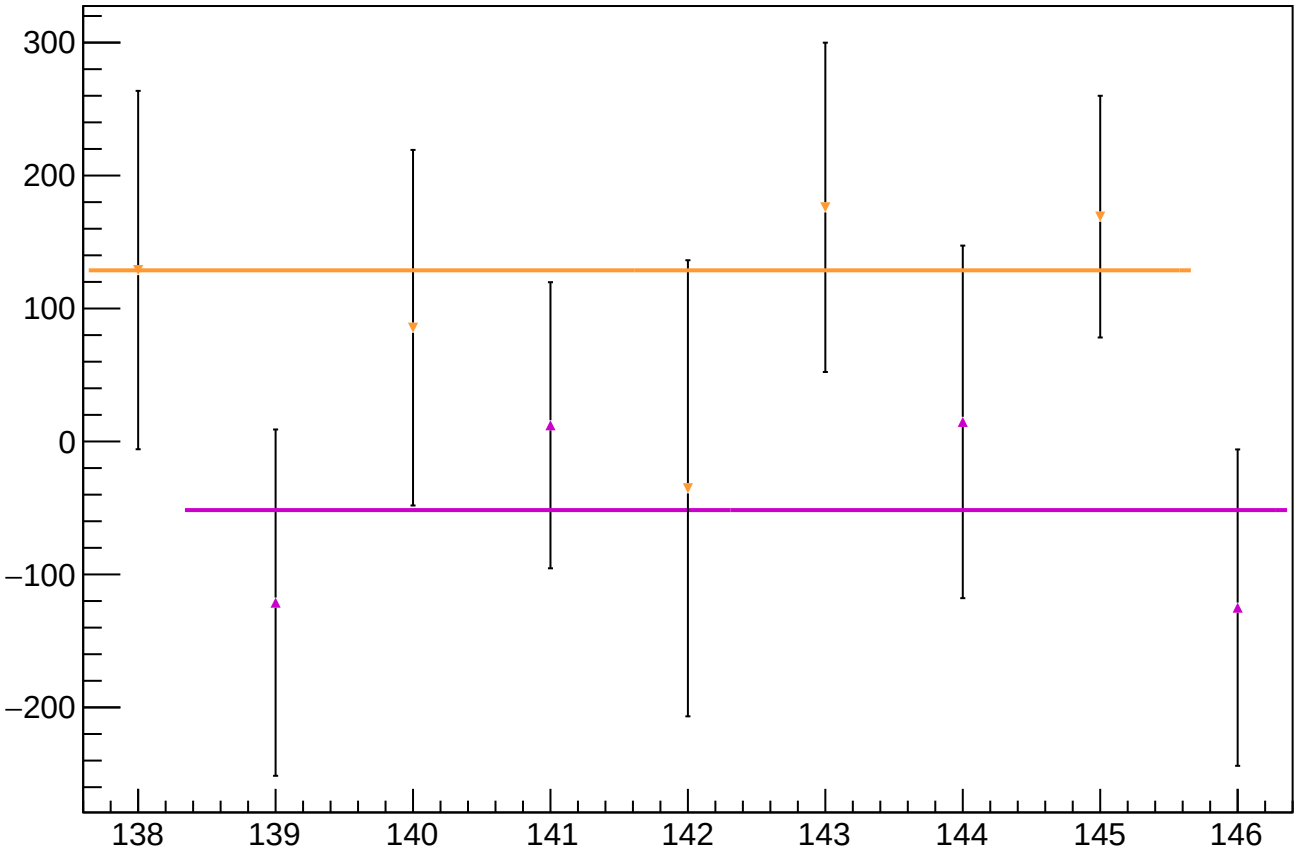
Left In: 249.977+/-0.101 χ^2/NDF:327614.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 253.903+/-0.072 χ^2/NDF: 615064.0/8

- 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: 128.725+/-54.945 χ^2/NDF:1.4/4

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

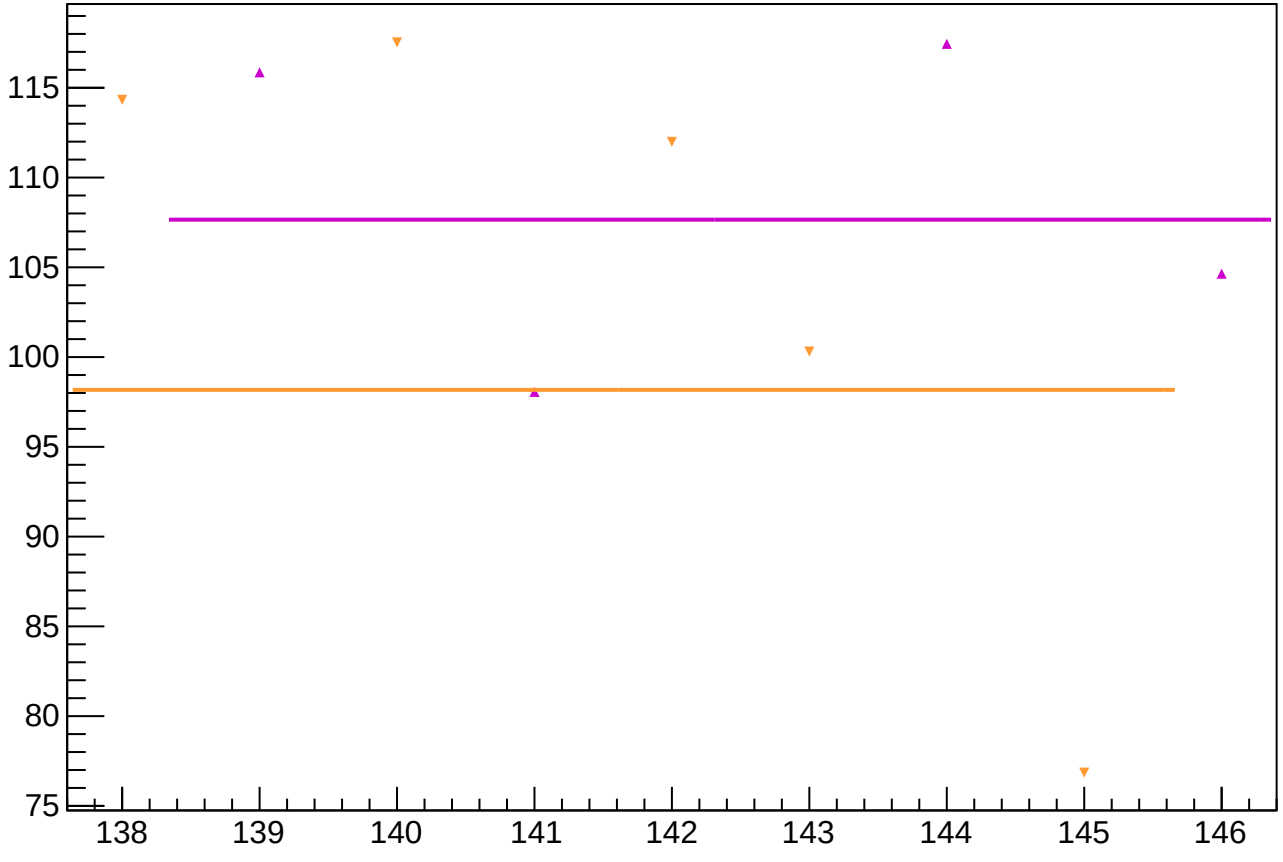
Left In: -51.603+/-60.535 χ^2/NDF:1.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 47.269+/-40.685 χ^2/NDF: 7.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



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

Left Out: 98.174+/-0.039 χ^2/NDF:194257.4/4

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

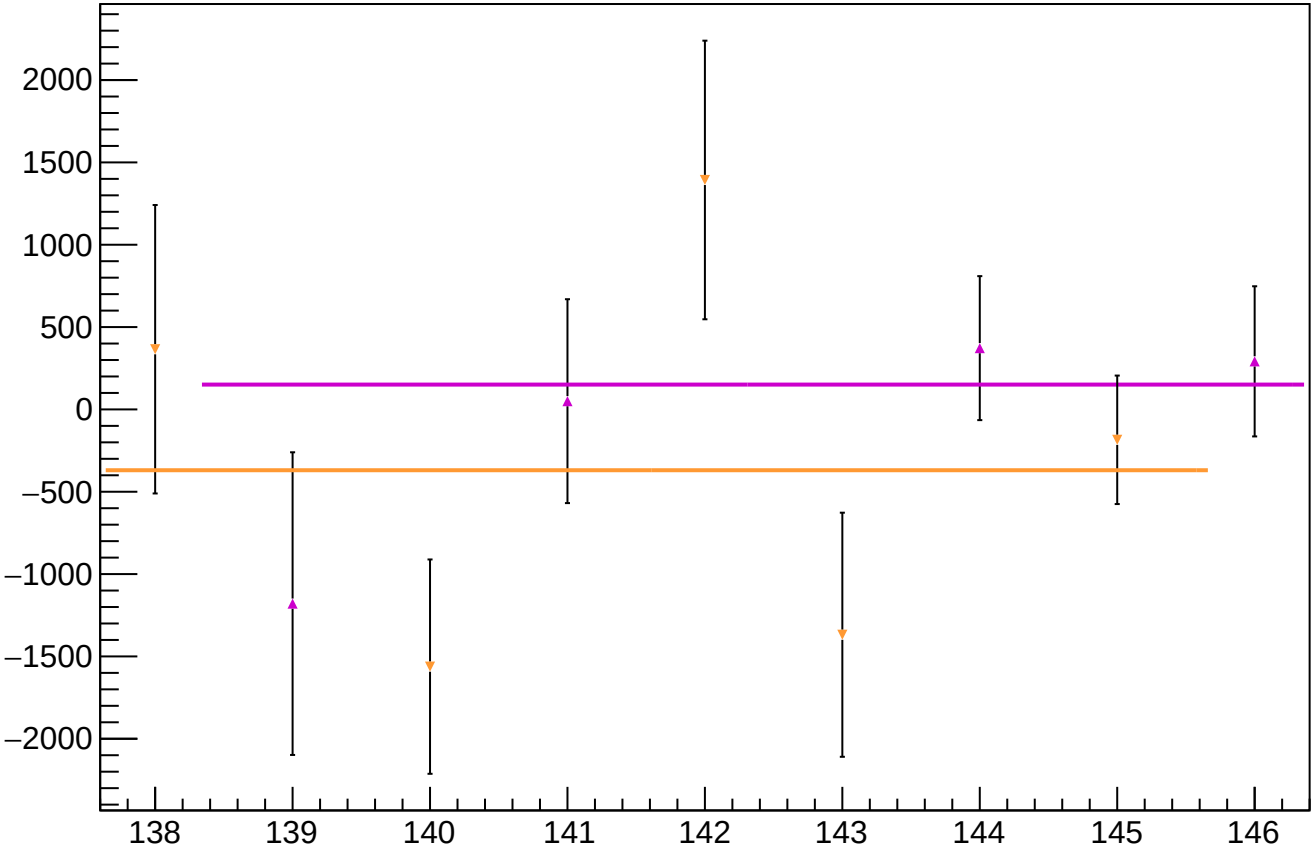
Left In: 107.654+/-0.043 χ^2/NDF:36039.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 102.456+/-0.029 χ^2/NDF: 257189.9/8

- 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: -369.335+/-272.641 χ^2/NDF:10.4/4

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

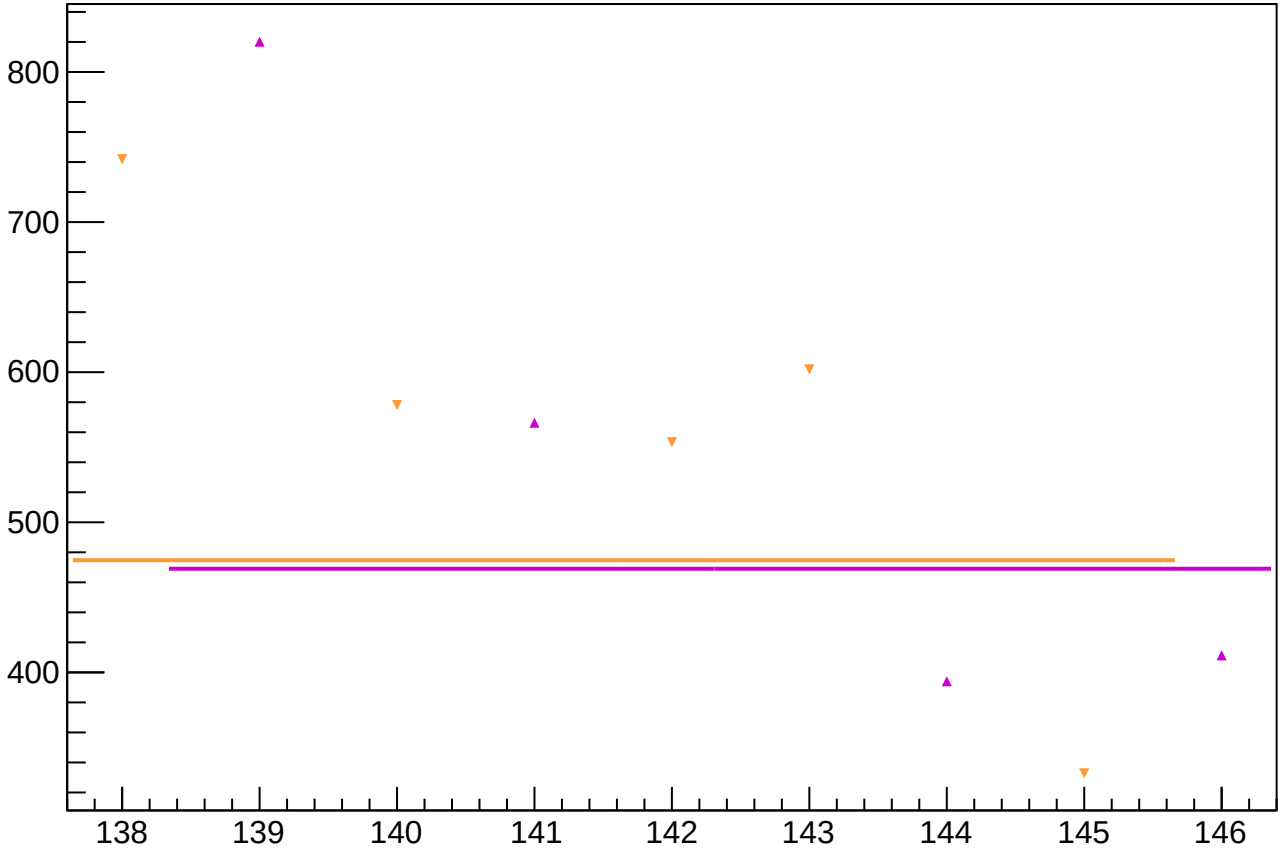
Left In: 150.723+/-268.843 χ^2/NDF:2.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -105.659+/-191.429 χ^2/NDF: 14.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 474.774+/-0.193 χ^2/NDF:577704.0/4

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

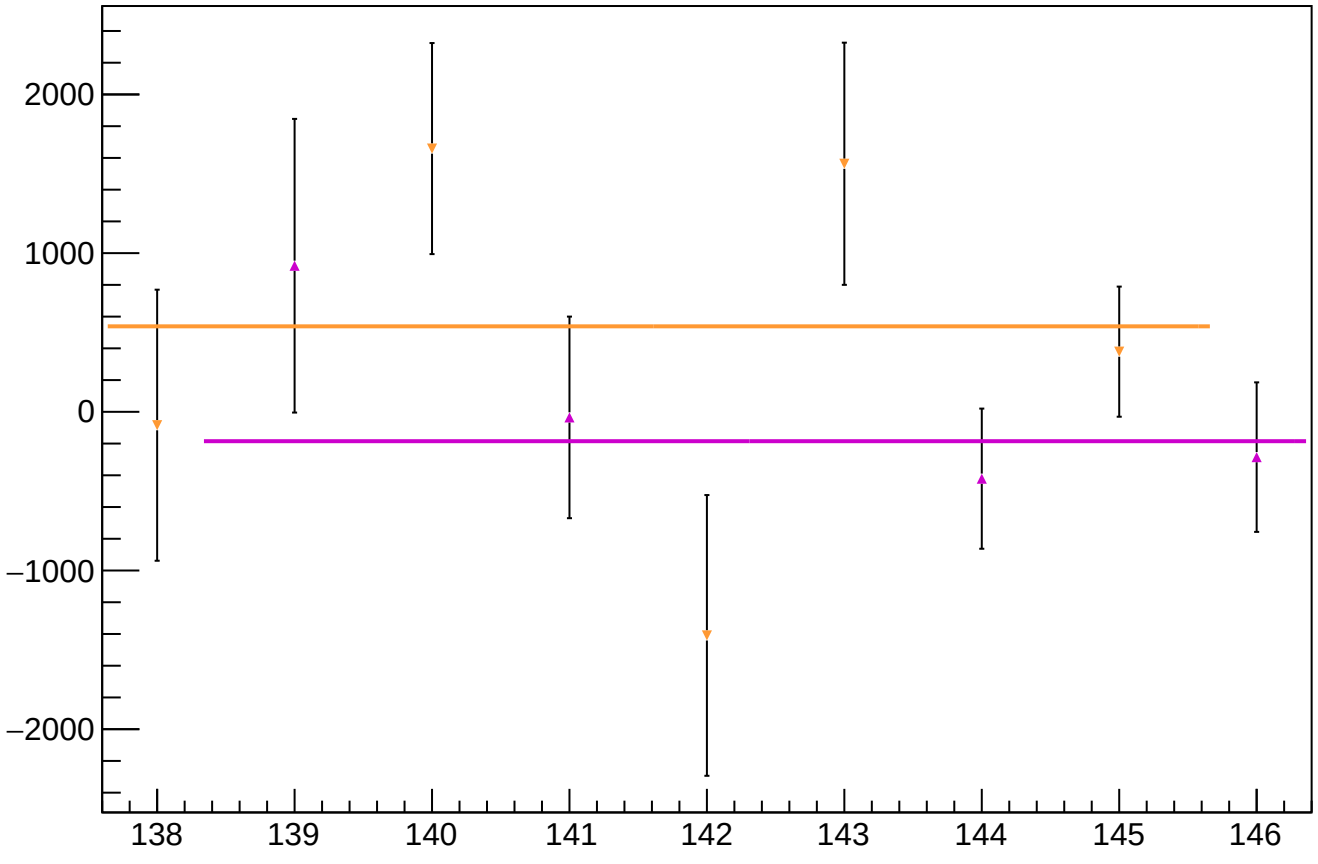
Left In: 469.071+/-0.190 χ^2/NDF:432163.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 471.883+/-0.135 χ^2/NDF: 1010310.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug



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

Left Out: 538.698+/-281.997 χ^2/NDF:10.2/4

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

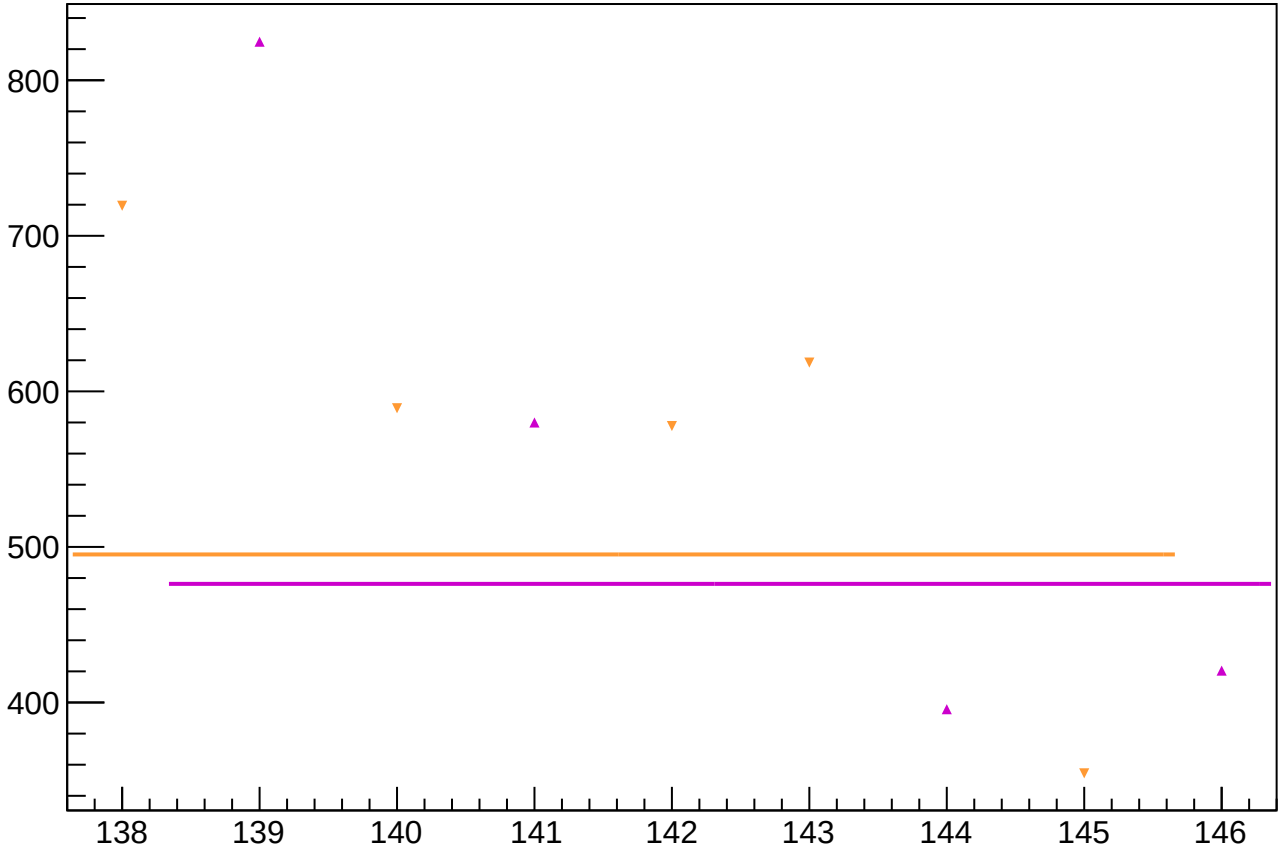
Left In: -185.102+/-274.433 χ^2/NDF:1.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 166.960+/-196.673 χ^2/NDF: 15.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_rms vs Slug



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

Left Out: 495.169+/-0.199 χ^2/NDF:482945.4/4

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

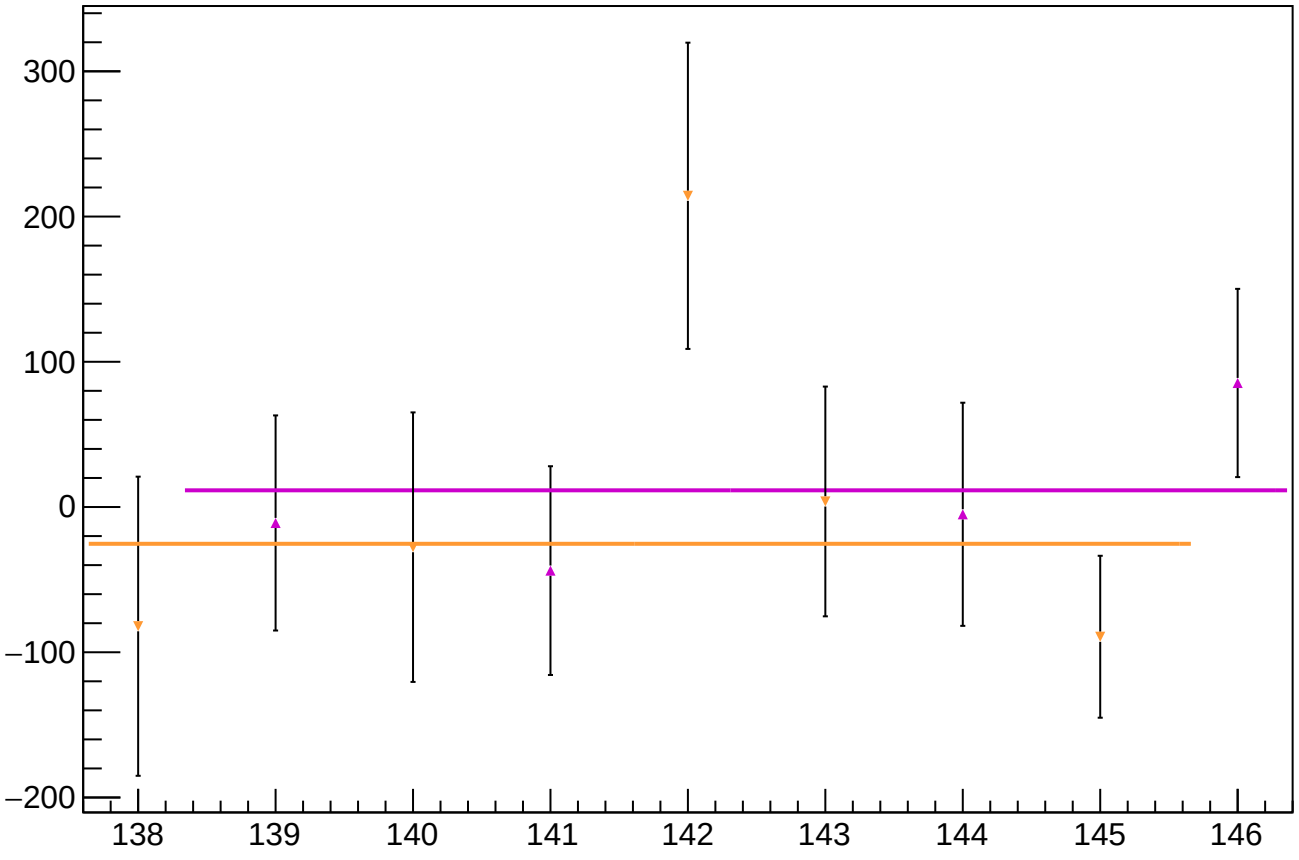
Left In: 476.248+/-0.194 χ^2/NDF:431701.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 485.451+/-0.139 χ^2/NDF: 919271.1/8

- 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: -25.319+/-35.759 χ^2/NDF:6.9/4

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

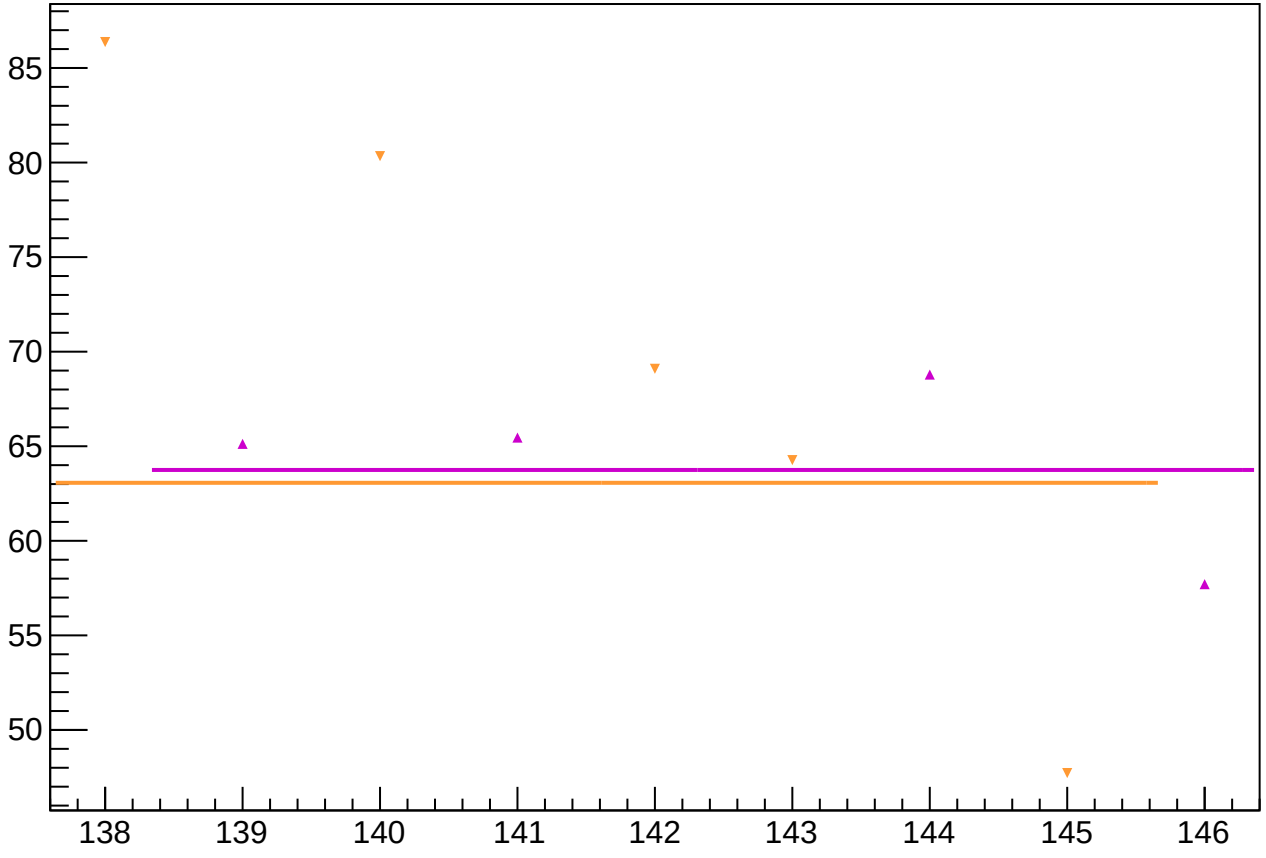
Left In: 11.502+/-35.723 χ^2/NDF:2.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.890+/-25.273 χ^2/NDF: 9.5/8

- 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: 63.067+/-0.025 χ^2/NDF:330273.9/4

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

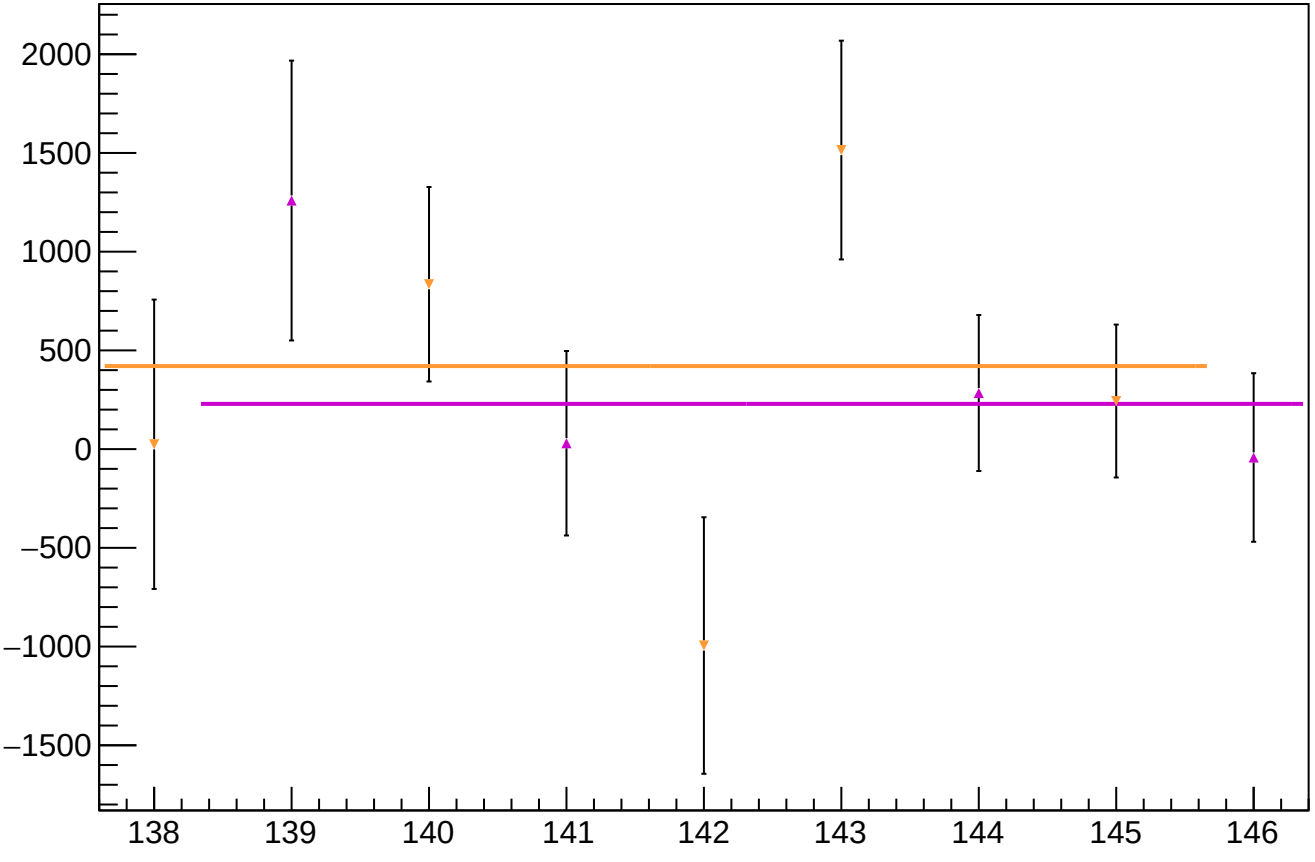
Left In: 63.746+/-0.025 χ^2/NDF:27819.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 63.407+/-0.018 χ^2/NDF: 358454.7/8

- 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: 420.632+/-233.872 χ^2/NDF:9.9/4

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

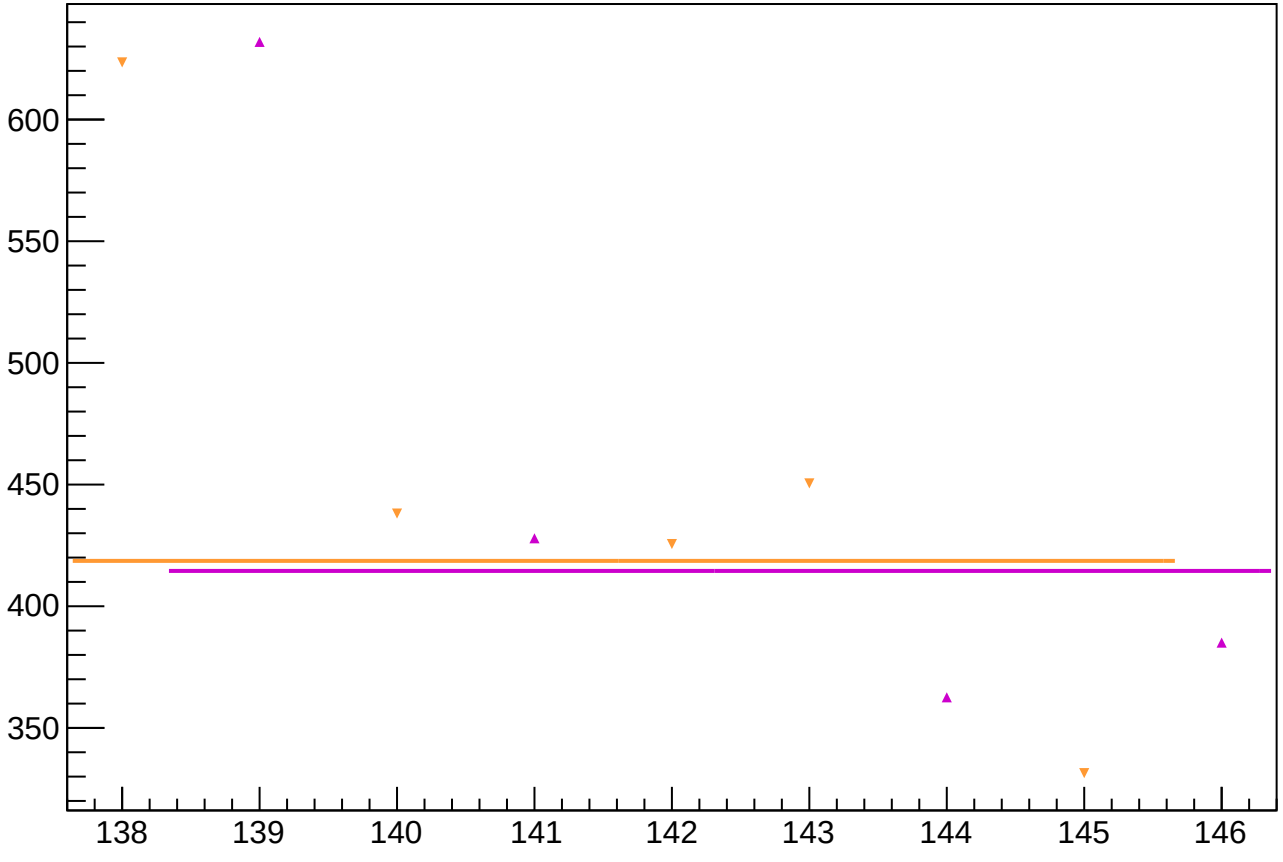
Left In: 229.140+/-232.686 χ^2/NDF:2.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 324.399+/-164.952 χ^2/NDF: 12.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 418.644+/-0.165 χ^2/NDF:267720.0/4

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

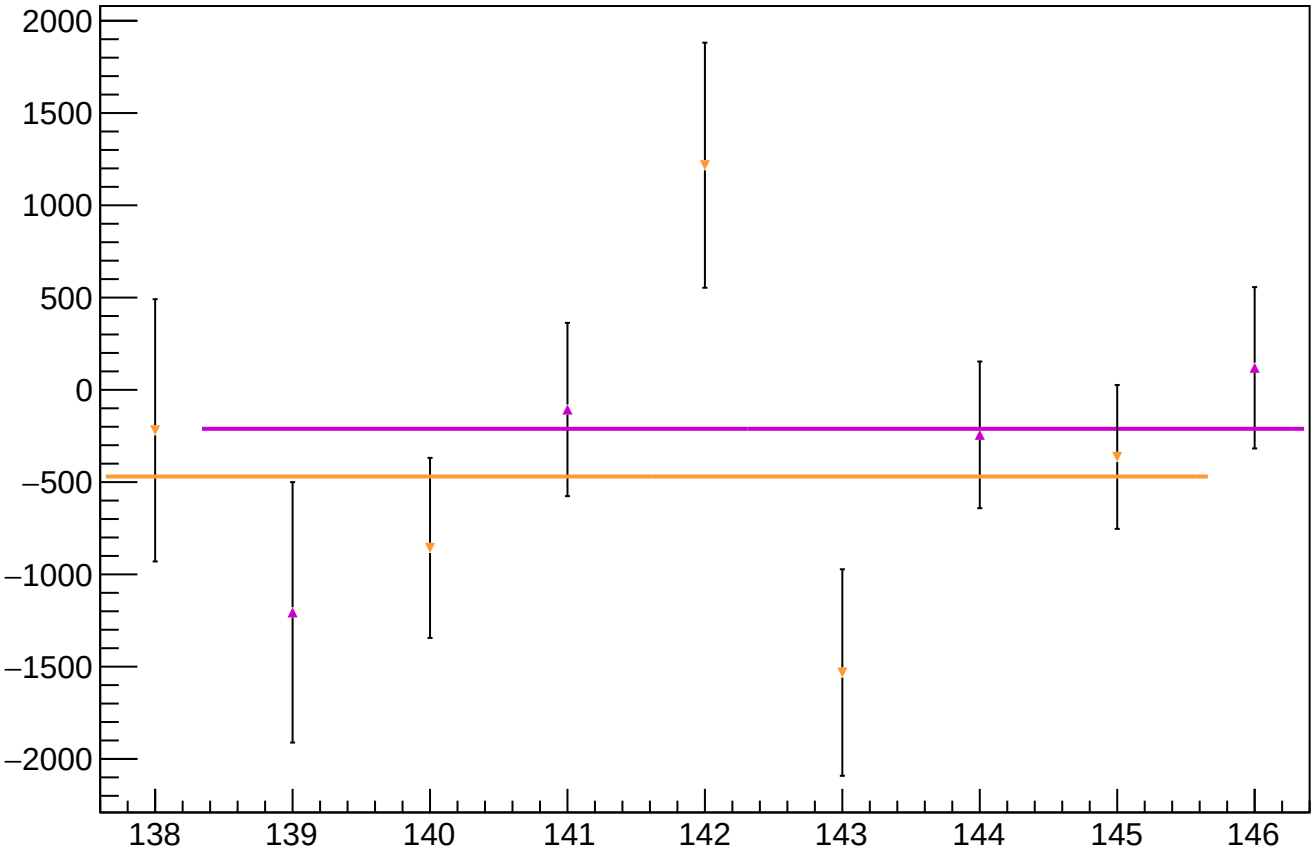
Left In: 414.517+/-0.165 χ^2/NDF:233990.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 416.570+/-0.117 χ^2/NDF: 502023.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -469.597+/-234.258 χ^2/NDF:10.9/4

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

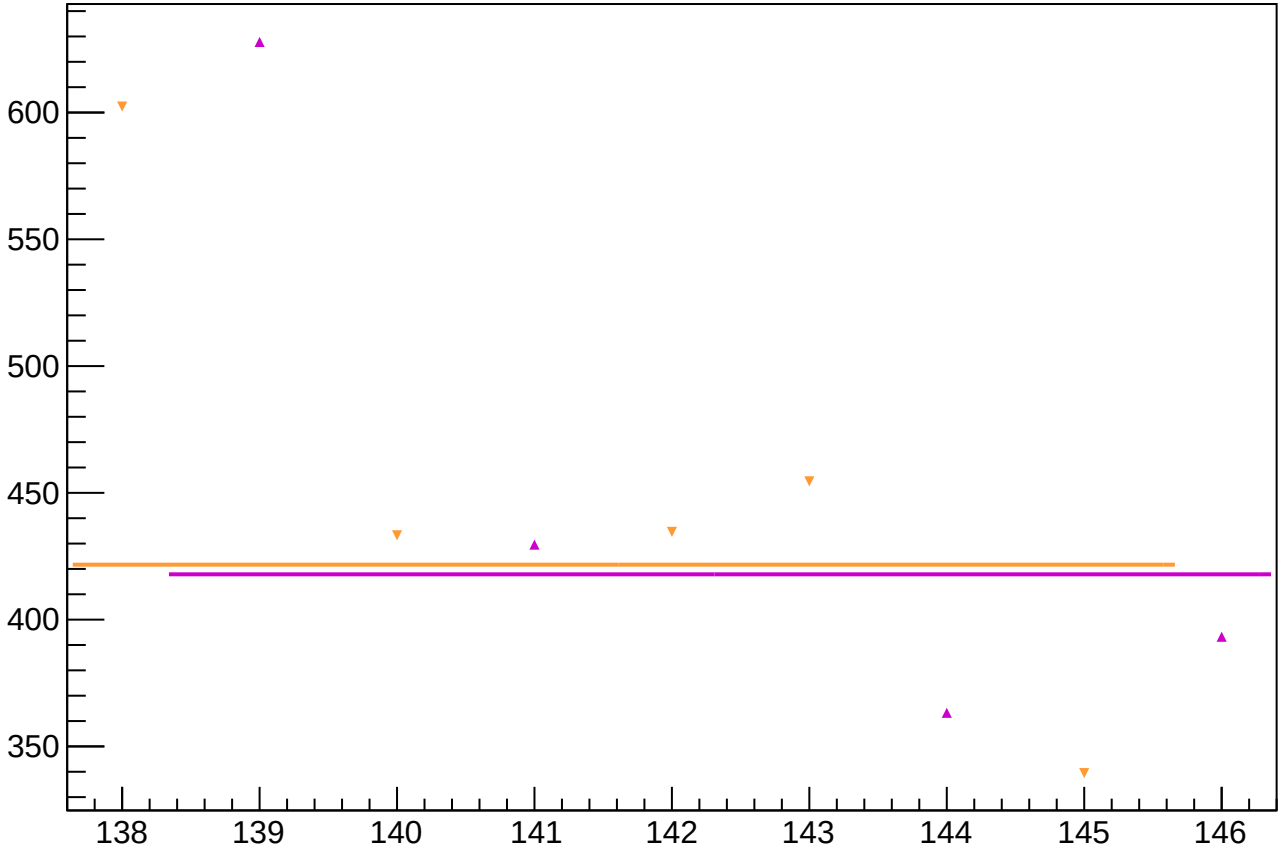
Left In: -211.095+/-234.962 χ^2/NDF:2.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -340.734+/-165.894 χ^2/NDF: 14.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 421.677+/-0.166 χ^2/NDF:226969.0/4

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

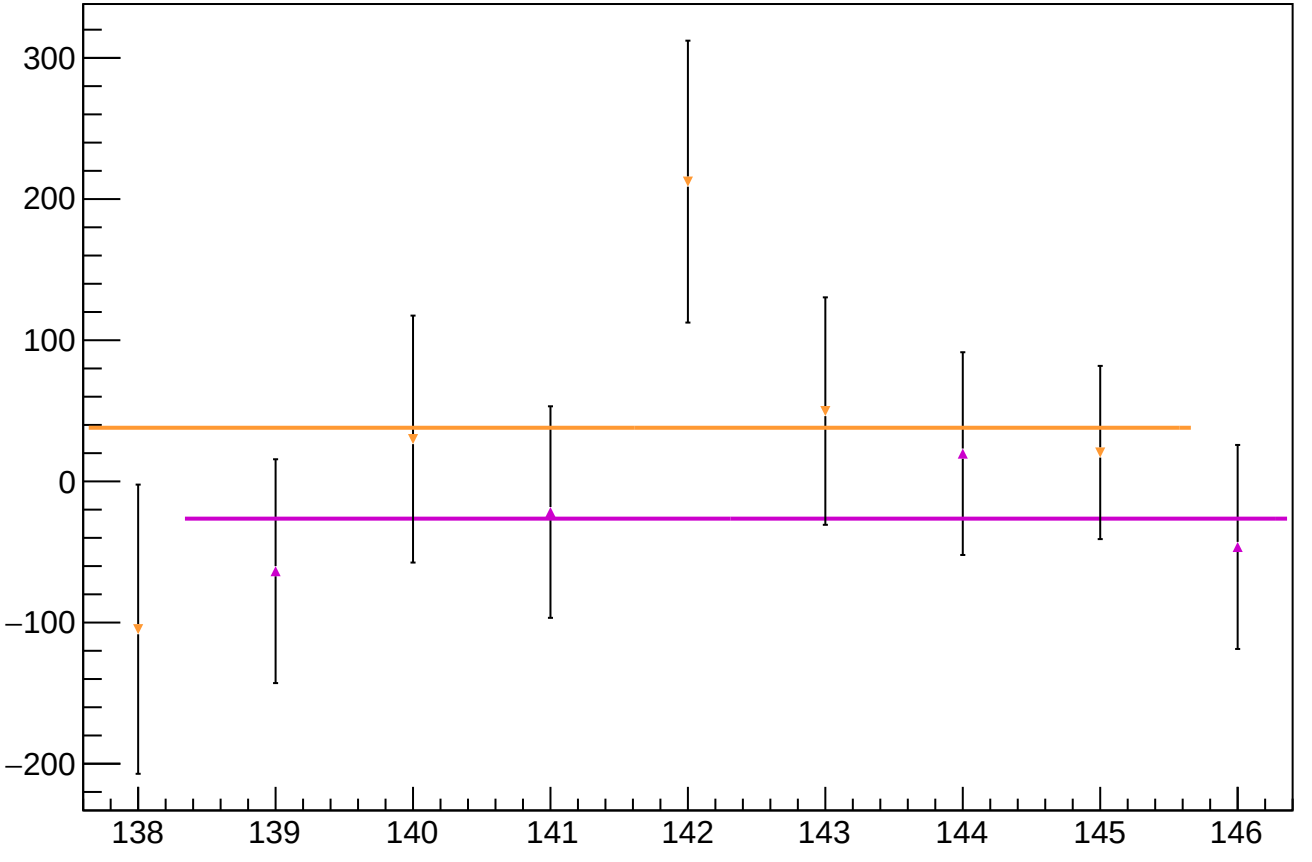
Left In: 417.875+/-0.166 χ^2/NDF:222461.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 419.782+/-0.117 χ^2/NDF: 449693.5/8

- 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: 38.003+/-36.612 χ^2/NDF:5.1/4

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

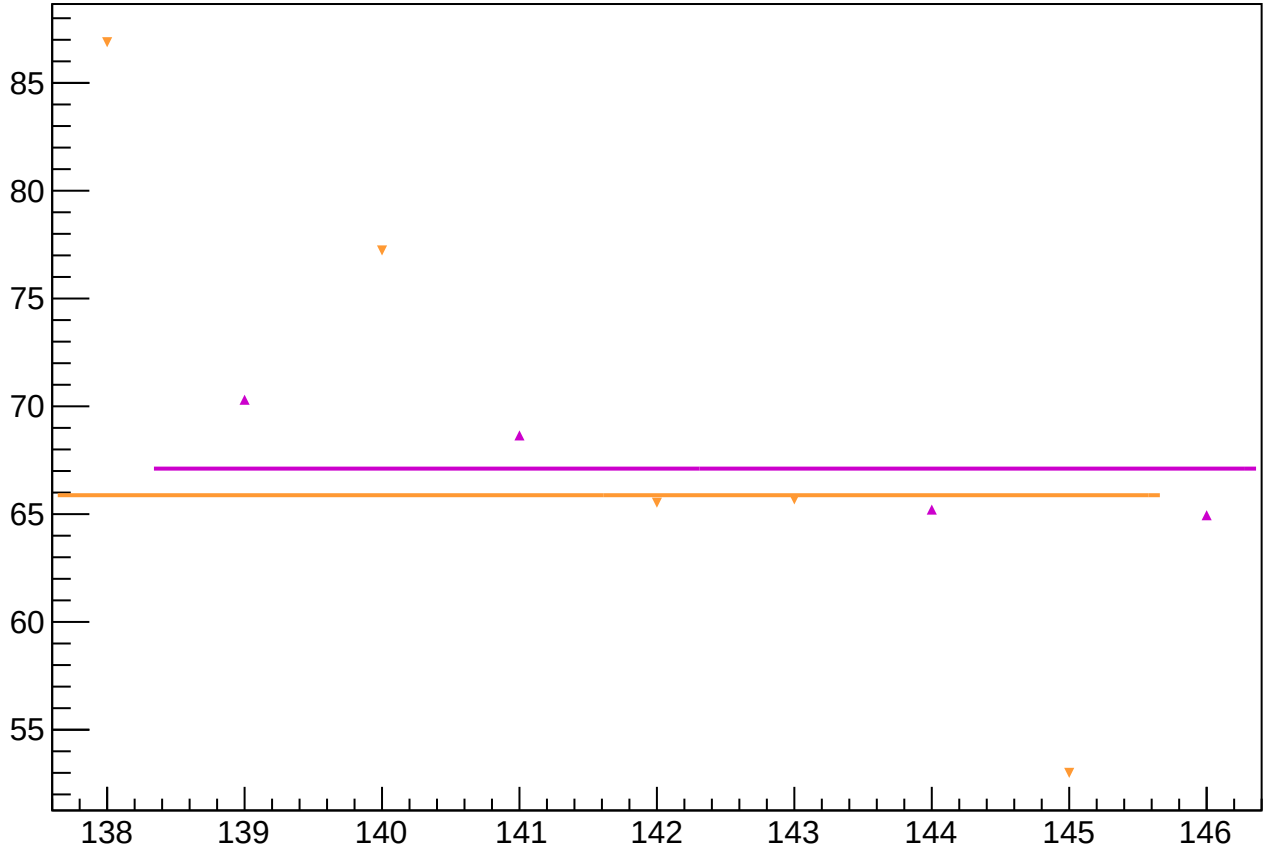
Left In: -26.382+/-37.201 χ^2/NDF:0.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.325+/-26.094 χ^2/NDF: 7.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 65.877+/-0.026 χ^2/NDF:205963.2/4

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

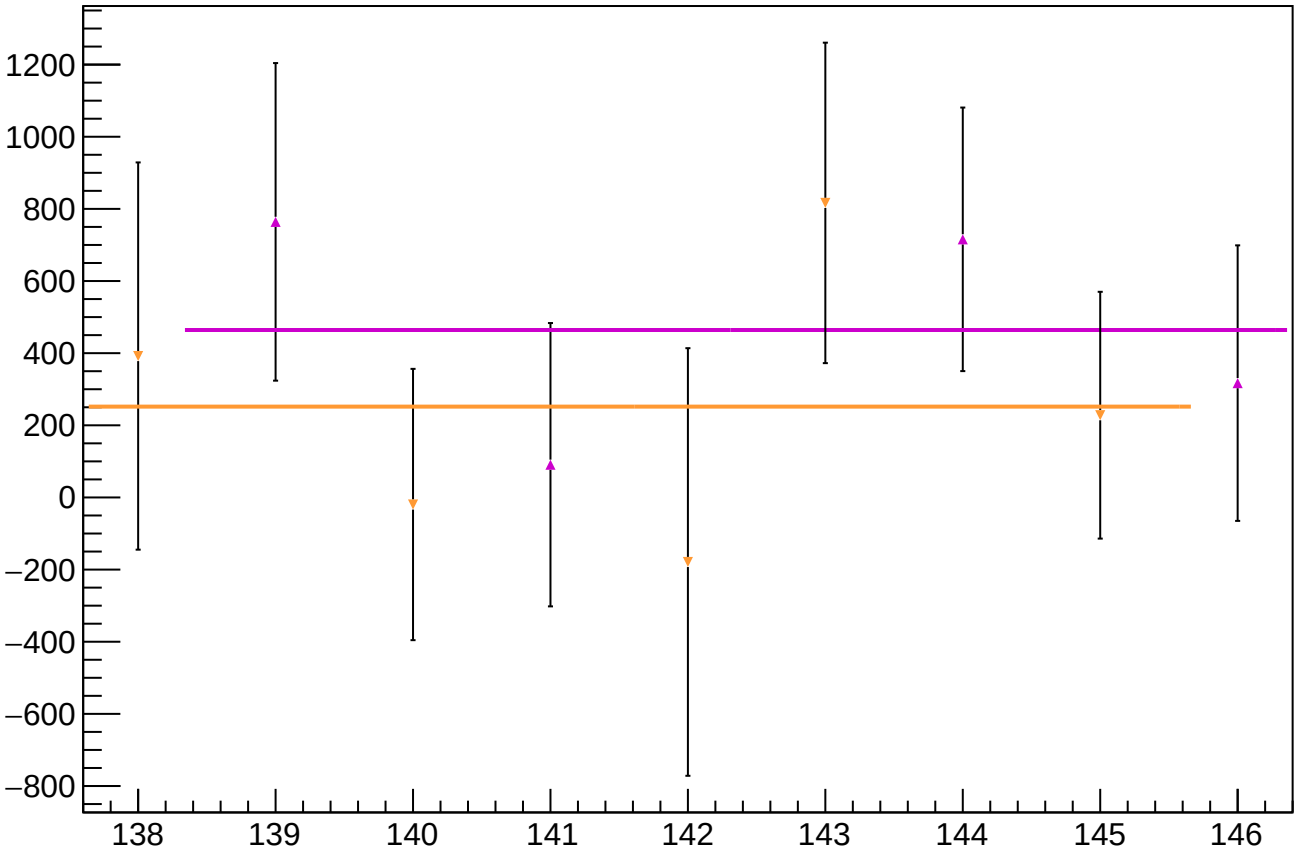
Left In: 67.111+/-0.026 χ^2/NDF:7282.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 66.485+/-0.018 χ^2/NDF: 214363.4/8

- 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: 251.817+/-192.451 χ^2/NDF:2.7/4

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

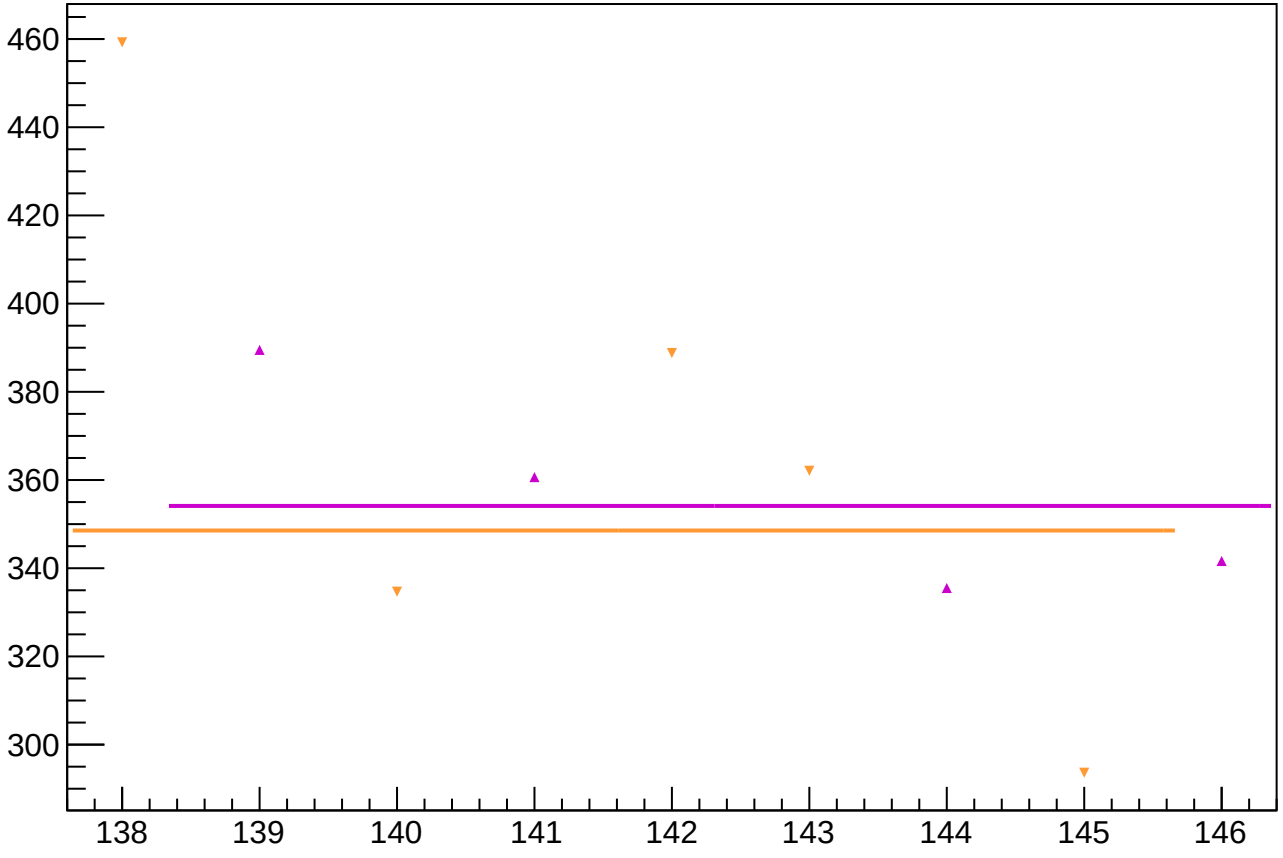
Left In: 464.226+/-196.157 χ^2/NDF:2.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 355.997+/-137.375 χ^2/NDF: 5.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 348.551+/-0.136 χ^2/NDF:150412.0/4

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

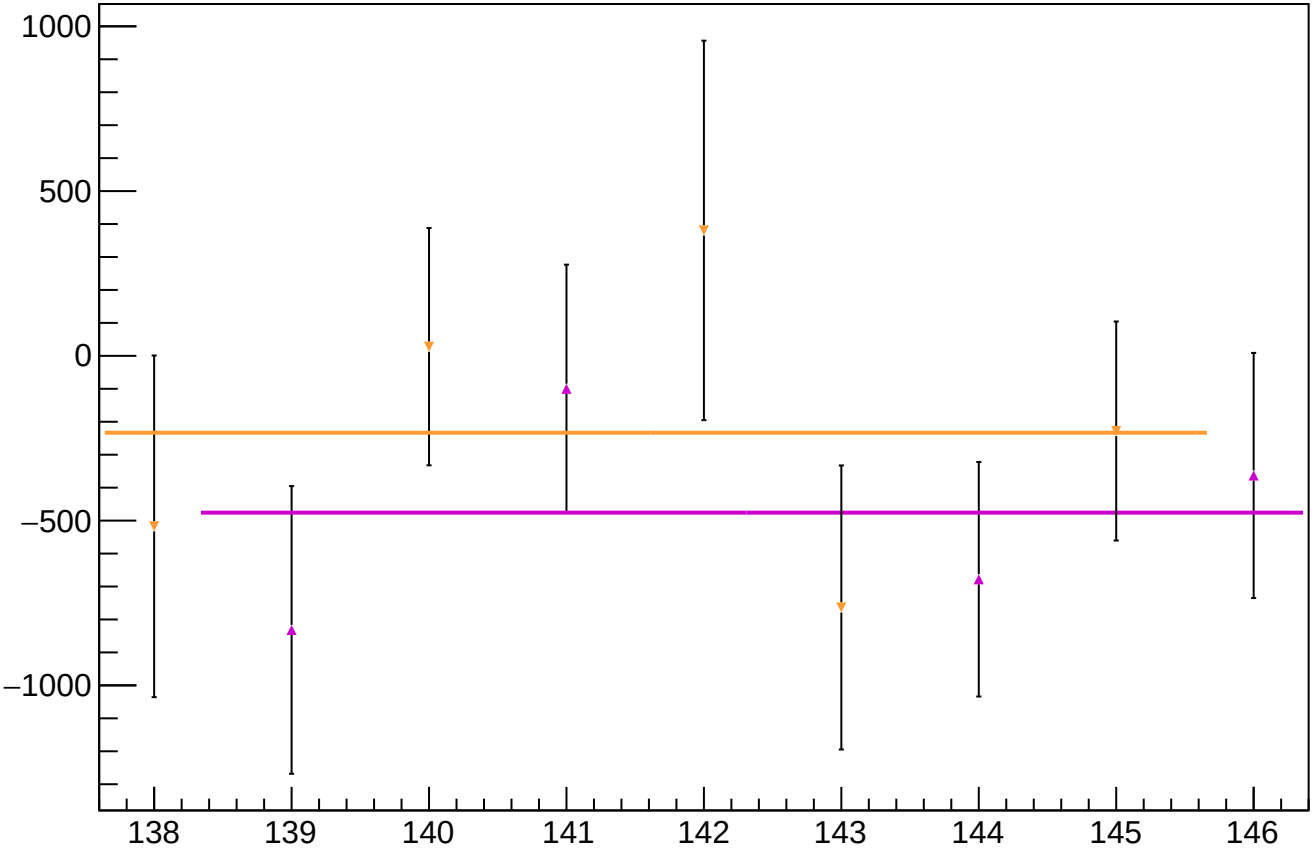
Left In: 354.125+/-0.139 χ^2/NDF:20798.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 351.285+/-0.097 χ^2/NDF: 172033.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -233.245+/-186.048 χ^2/NDF:3.5/4

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

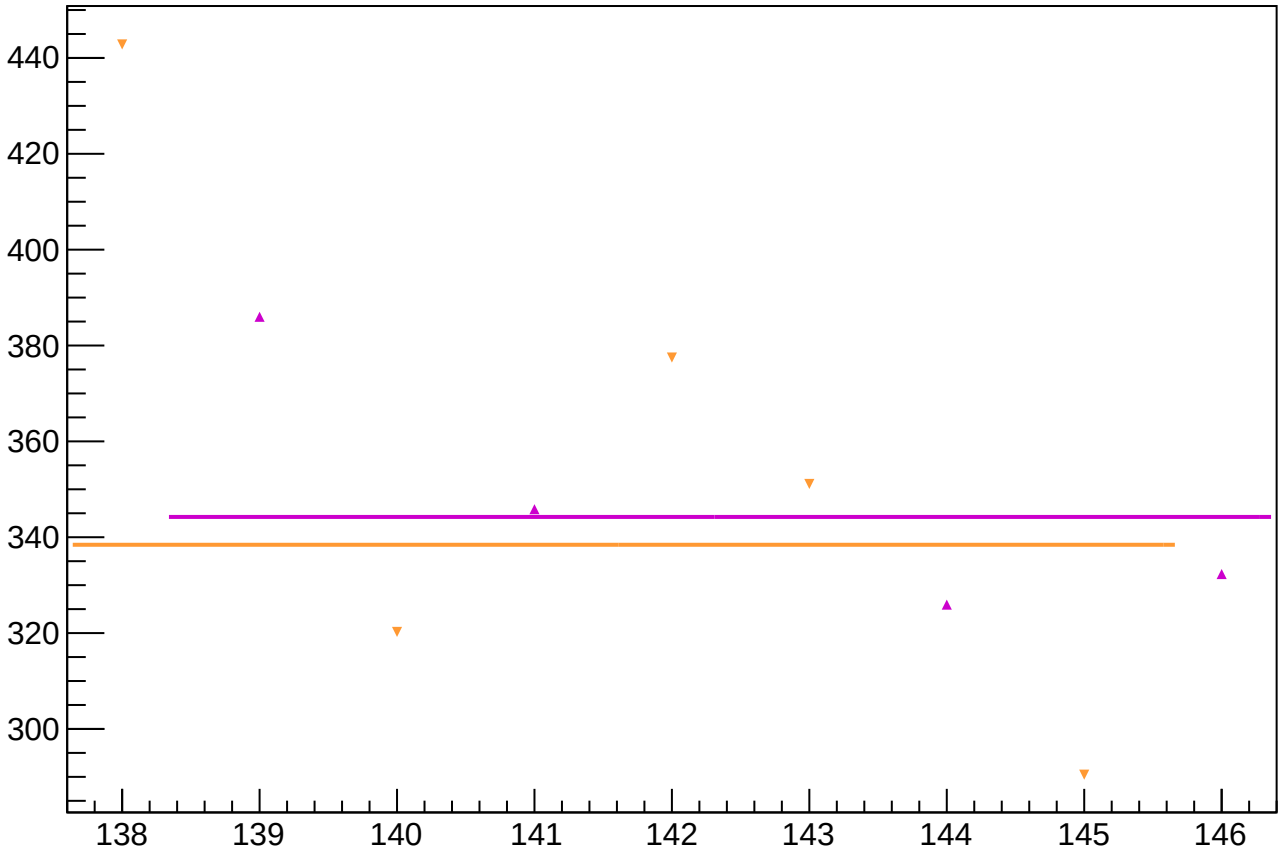
Left In: -475.855+/-190.993 χ^2/NDF:2.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -351.369+/-133.270 χ^2/NDF: 6.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 338.427+/-0.132 χ^2/NDF:138812.8/4

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

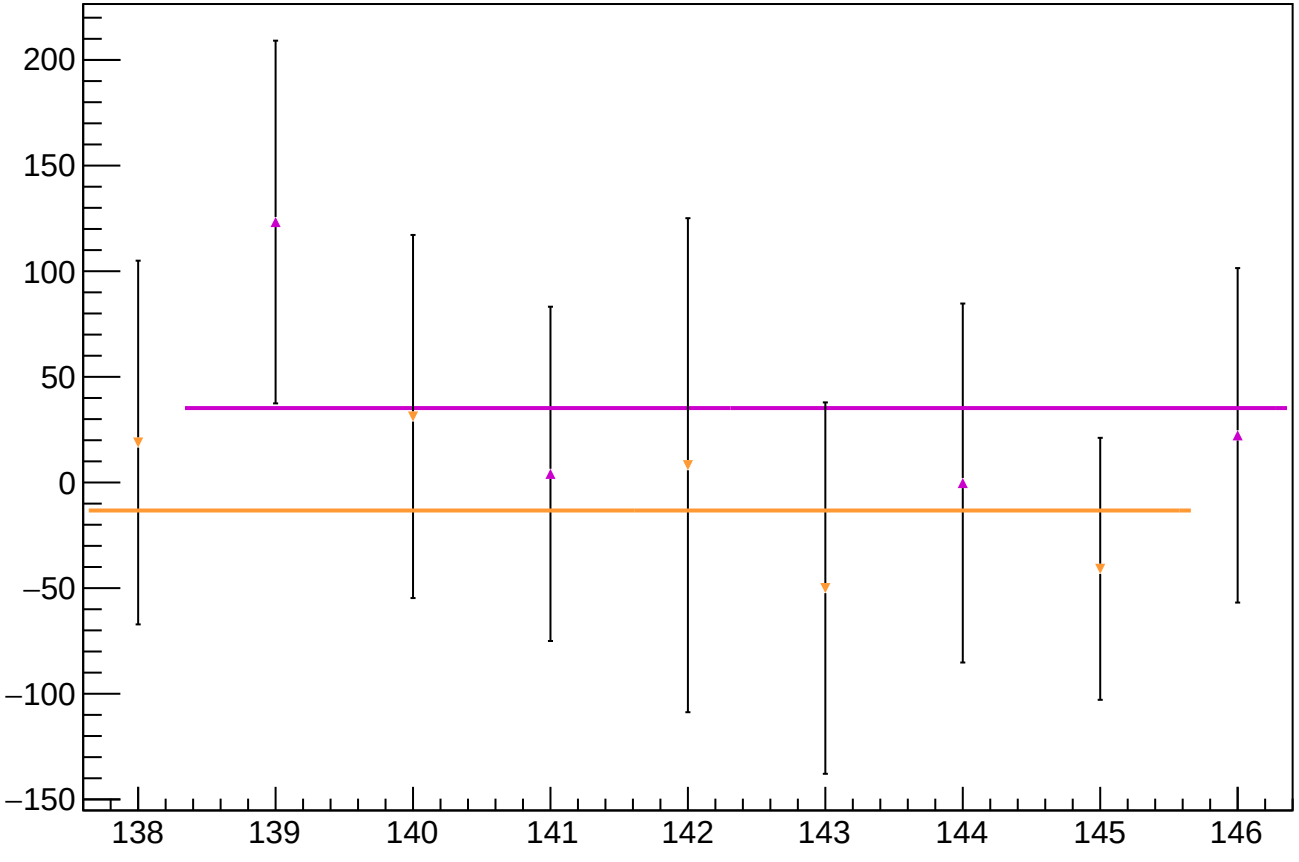
Left In: 344.235+/-0.135 χ^2/NDF:25678.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 341.255+/-0.094 χ^2/NDF: 165440.0/8

- 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: -13.259+/-36.933 χ^2/NDF:0.8/4

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

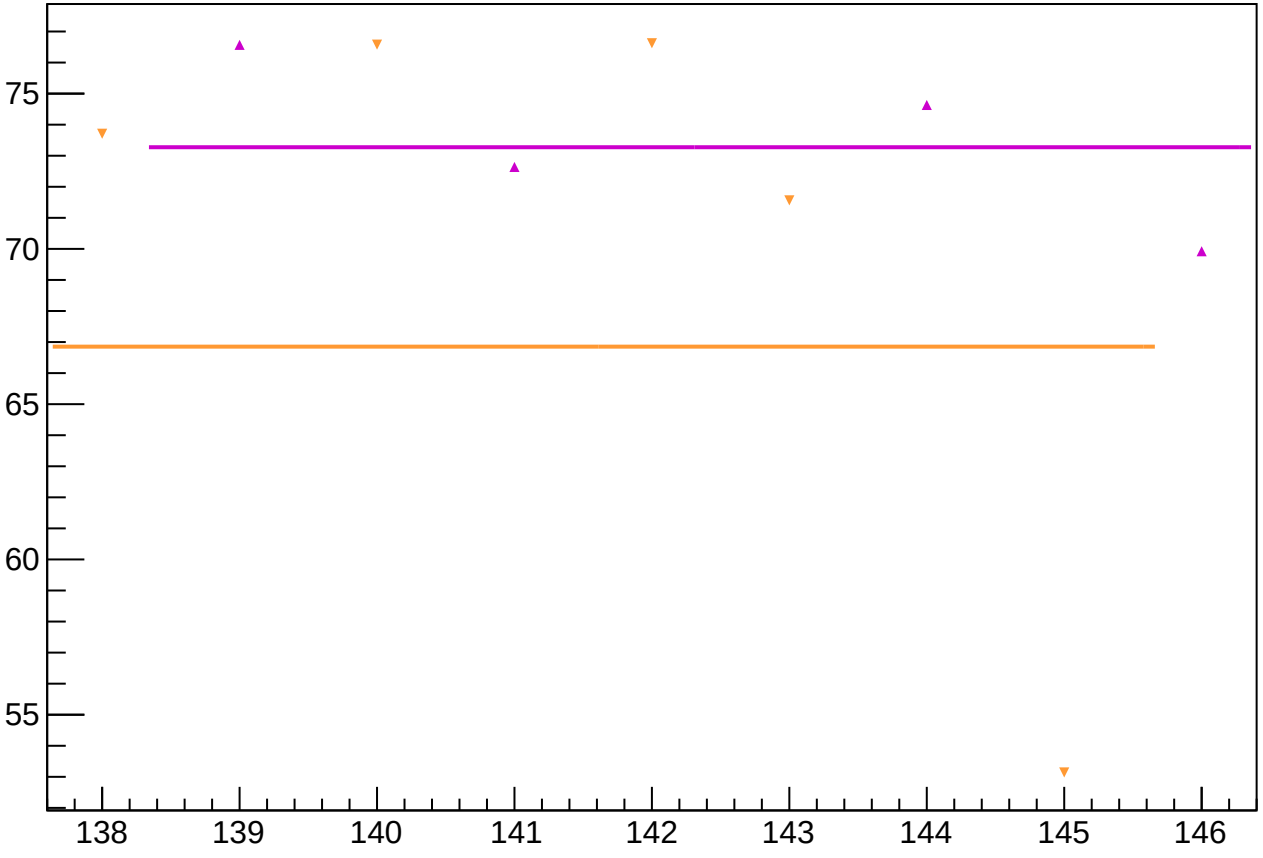
Left In: 35.226+/-41.044 χ^2/NDF:1.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.434+/-27.455 χ^2/NDF: 3.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 66.852+/-0.026 χ^2/NDF:155808.4/4

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

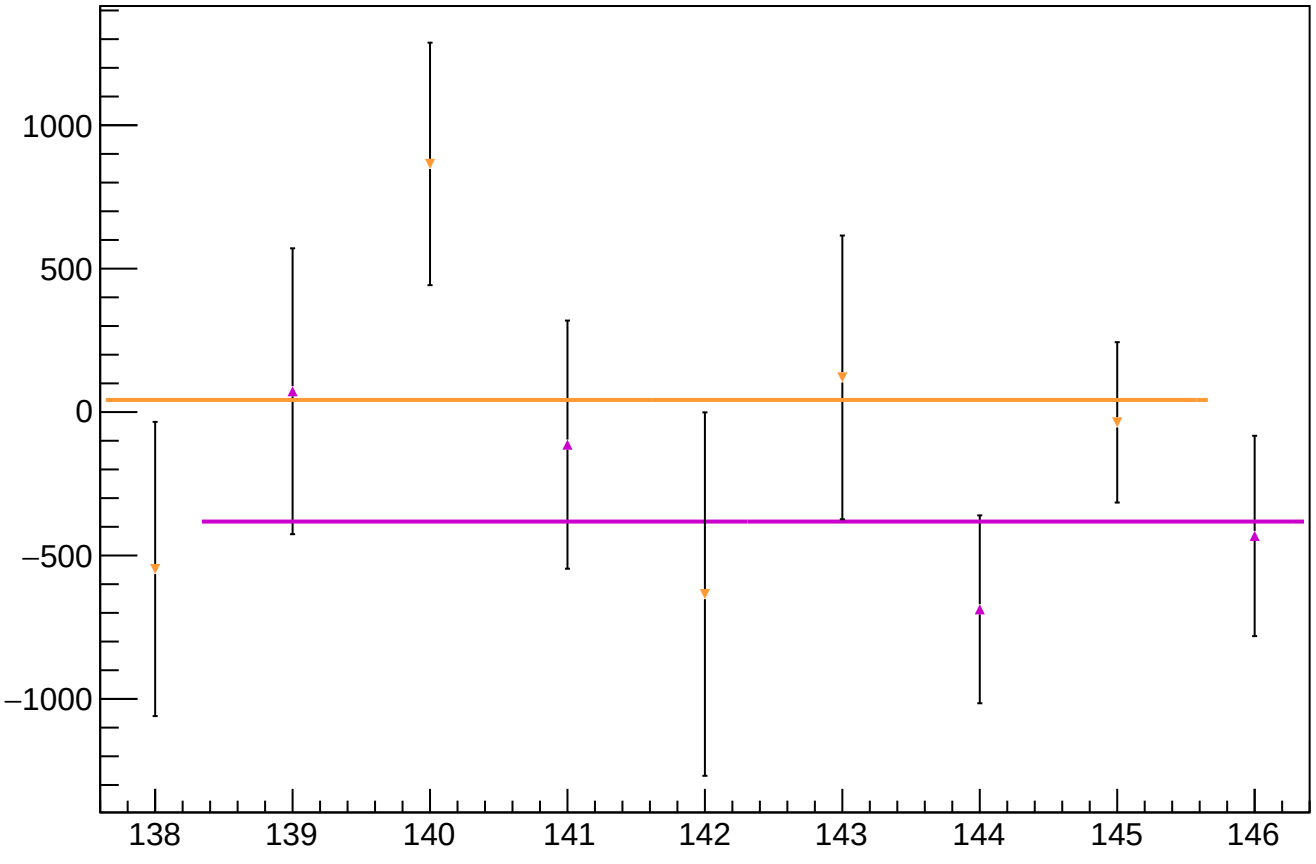
Left In: 73.274+/-0.029 χ^2/NDF:7172.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 69.725+/-0.019 χ^2/NDF: 190030.7/8

- 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: 42.241+/-186.414 χ^2/NDF:6.4/4

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

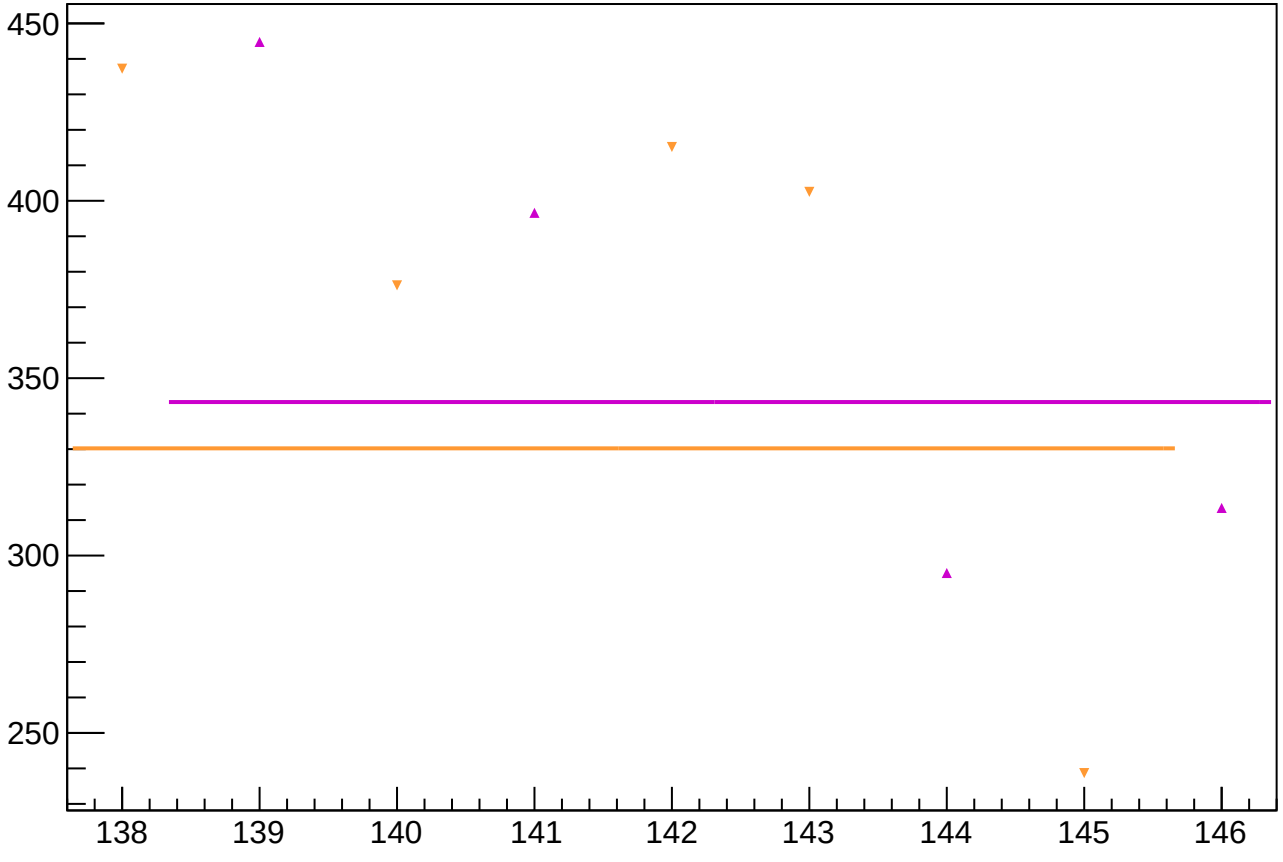
Left In: -381.694+/-192.814 χ^2/NDF:2.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -162.574+/-134.020 χ^2/NDF: 11.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 330.219+/-0.132 χ^2/NDF:403893.2/4

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

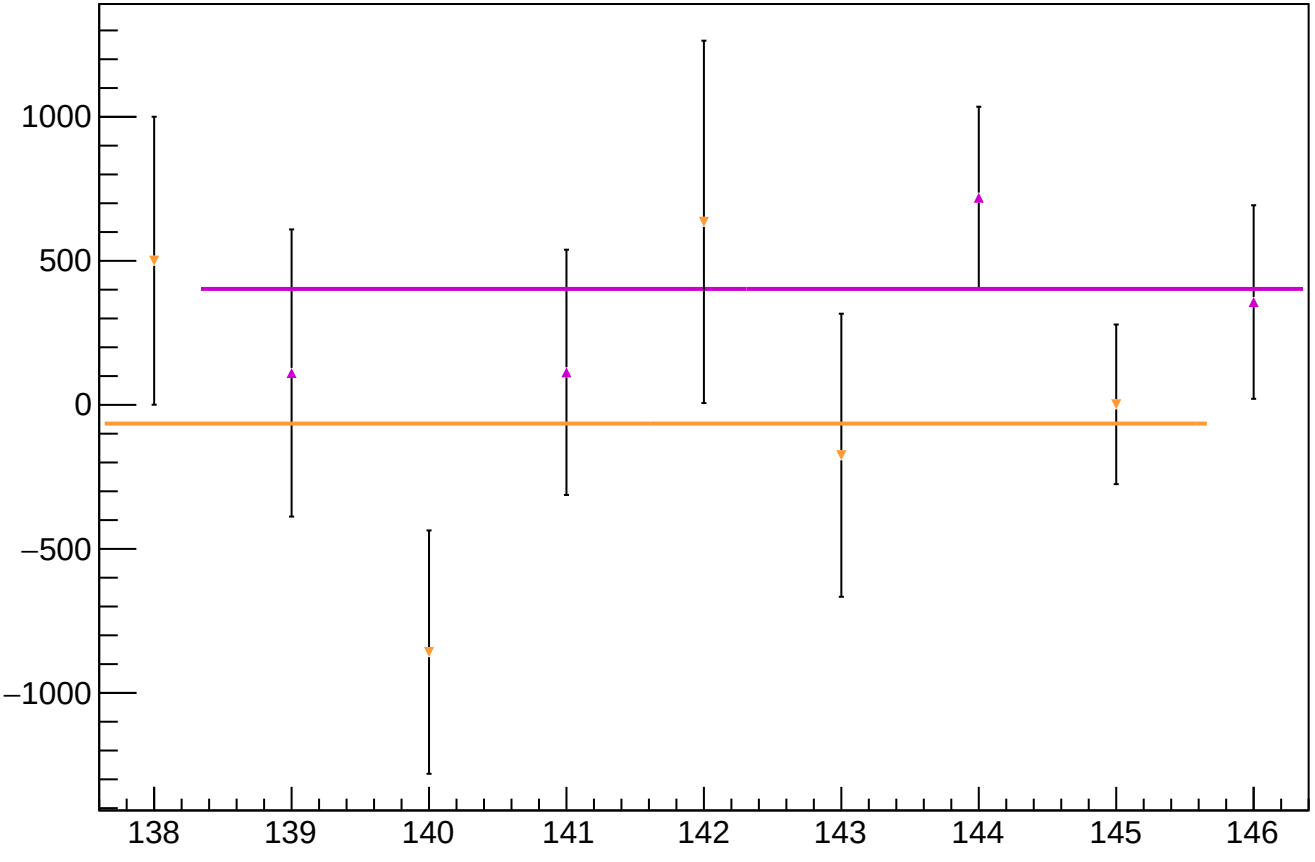
Left In: 343.272+/-0.136 χ^2/NDF:171325.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 336.525+/-0.095 χ^2/NDF: 579956.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -64.881+/-184.759 χ^2/NDF:6.2/4

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

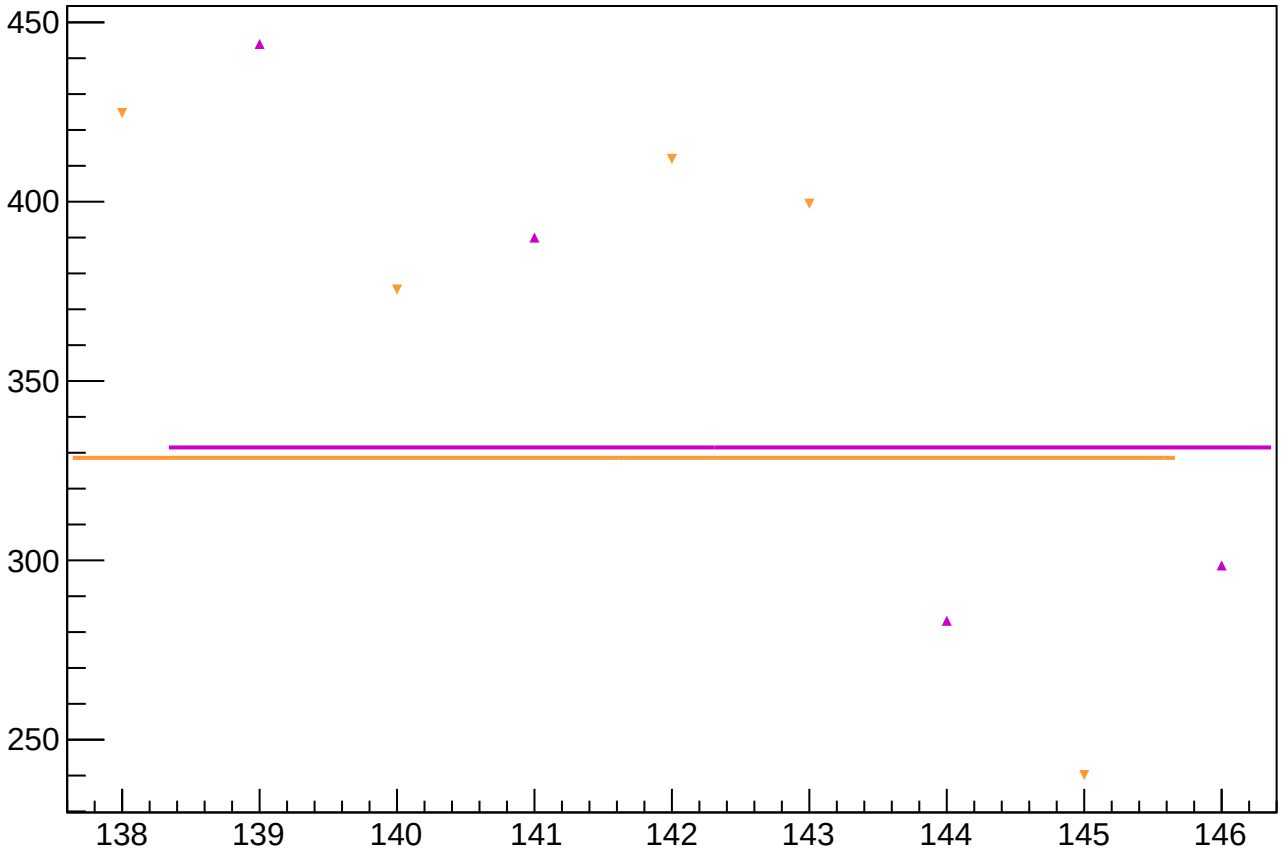
Left In: 402.567+/-187.586 χ^2/NDF:1.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 165.295+/-131.633 χ^2/NDF: 11.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 328.578+/-0.131 χ^2/NDF:379092.1/4

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

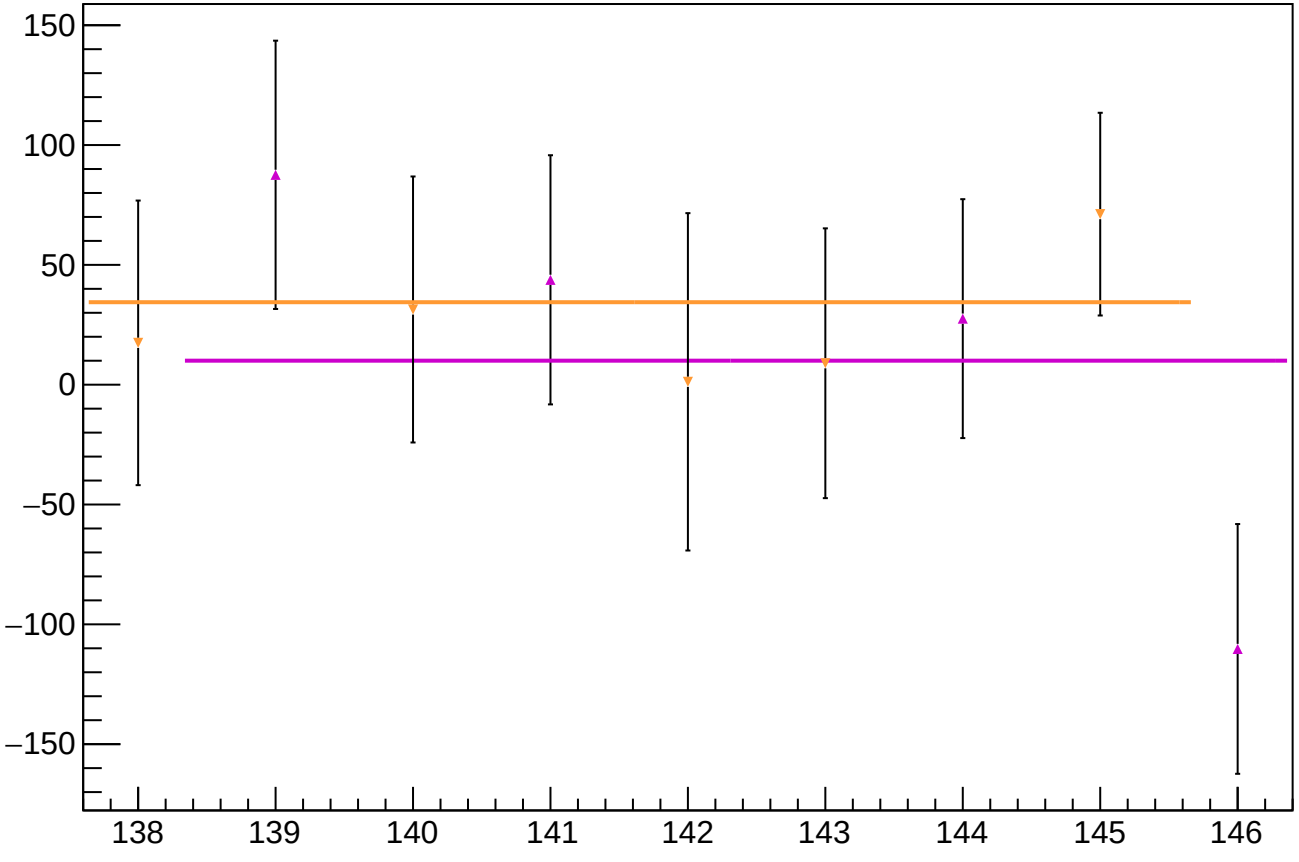
Left In: 331.480+/-0.133 χ^2/NDF:205601.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 330.007+/-0.093 χ^2/NDF: 584936.8/8

- 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: 34.421+/-24.363 χ^2/NDF:1.3/4

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

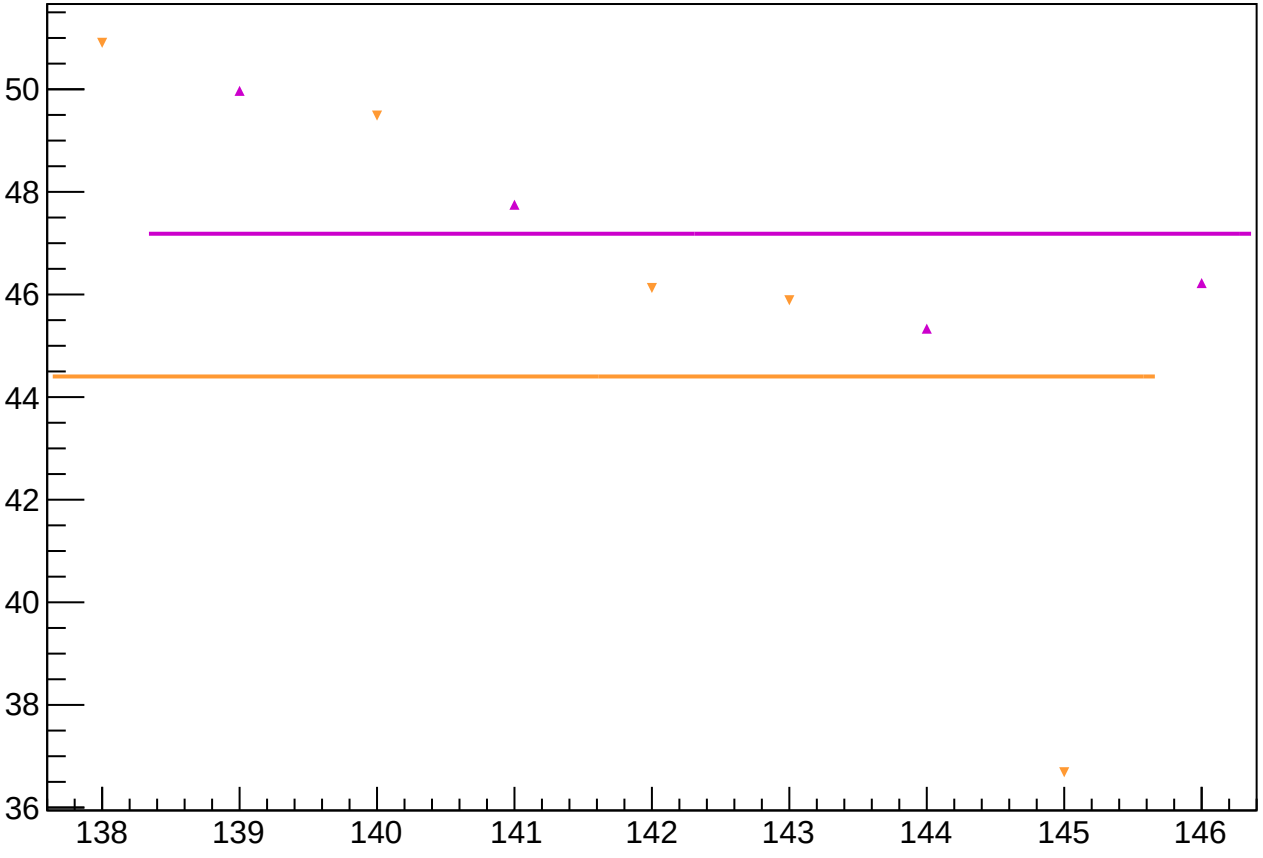
Left In: 10.021+/-26.172 χ^2/NDF:7.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 23.093+/-17.833 χ^2/NDF: 9.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 44.402+/-0.017 χ^2/NDF:109916.0/4

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

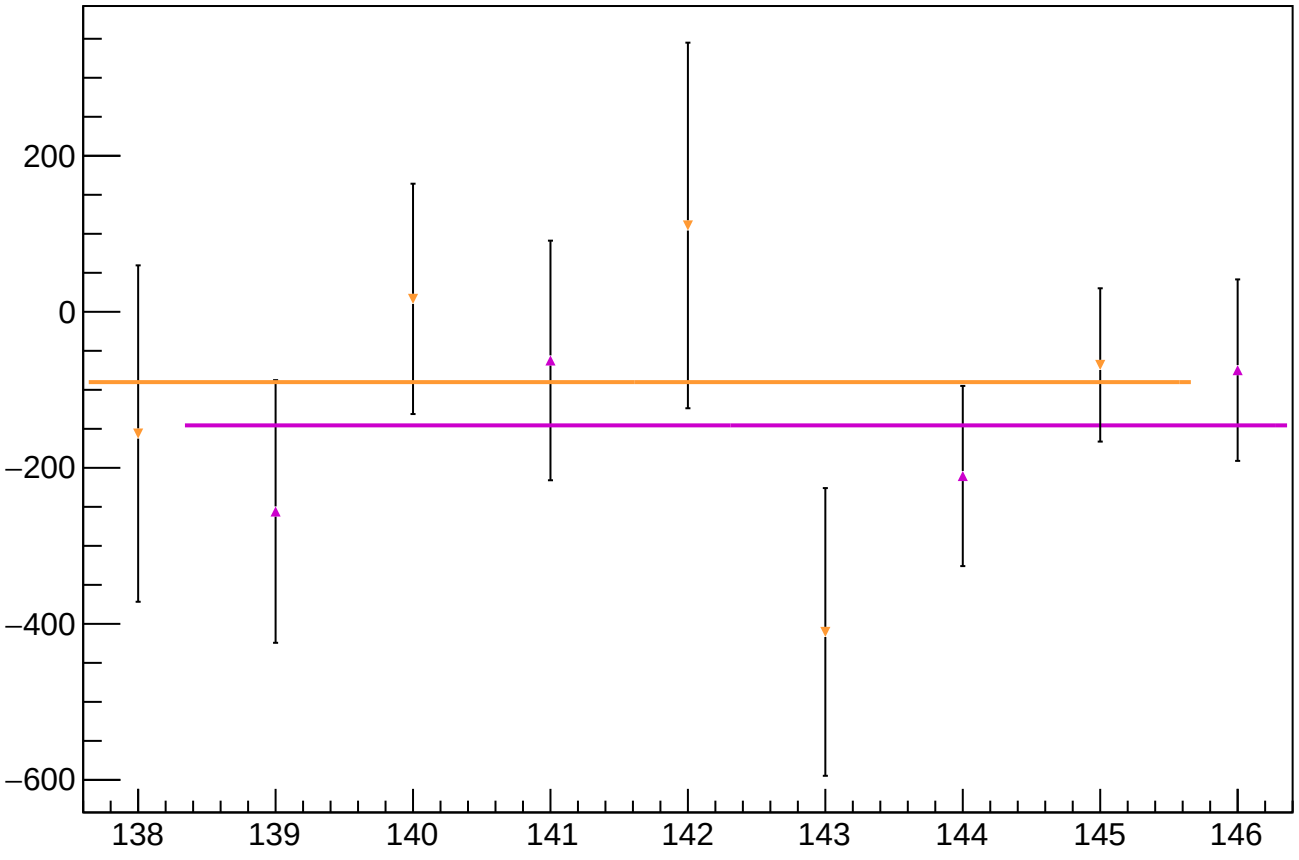
Left In: 47.184+/-0.019 χ^2/NDF:8624.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 45.694+/-0.013 χ^2/NDF: 130648.7/8

- 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: -90.120+/-67.636 χ^2/NDF:4.4/4

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

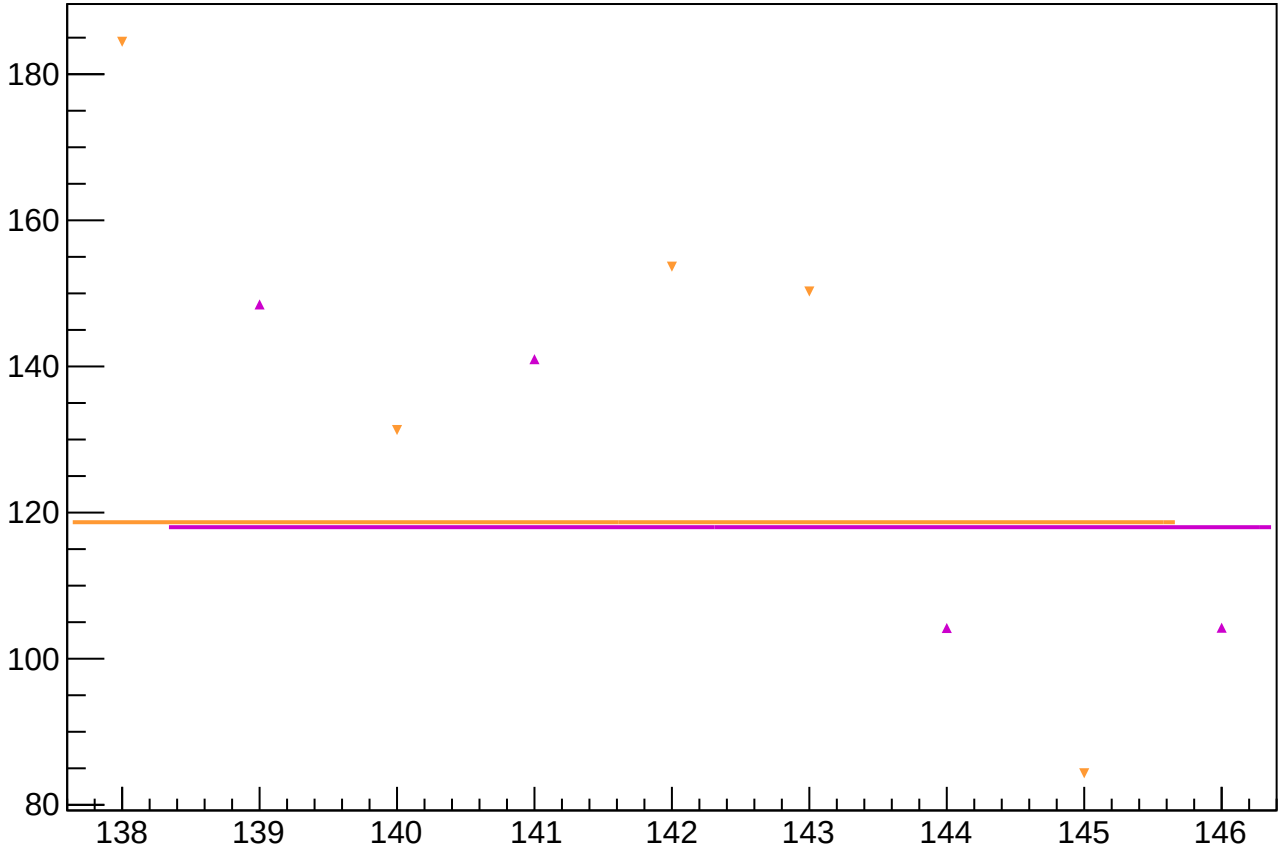
Left In: -145.564+/-66.433 χ^2/NDF:1.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -118.340+/-47.395 χ^2/NDF: 6.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 118.681+/-0.048 χ^2/NDF:548432.8/4

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

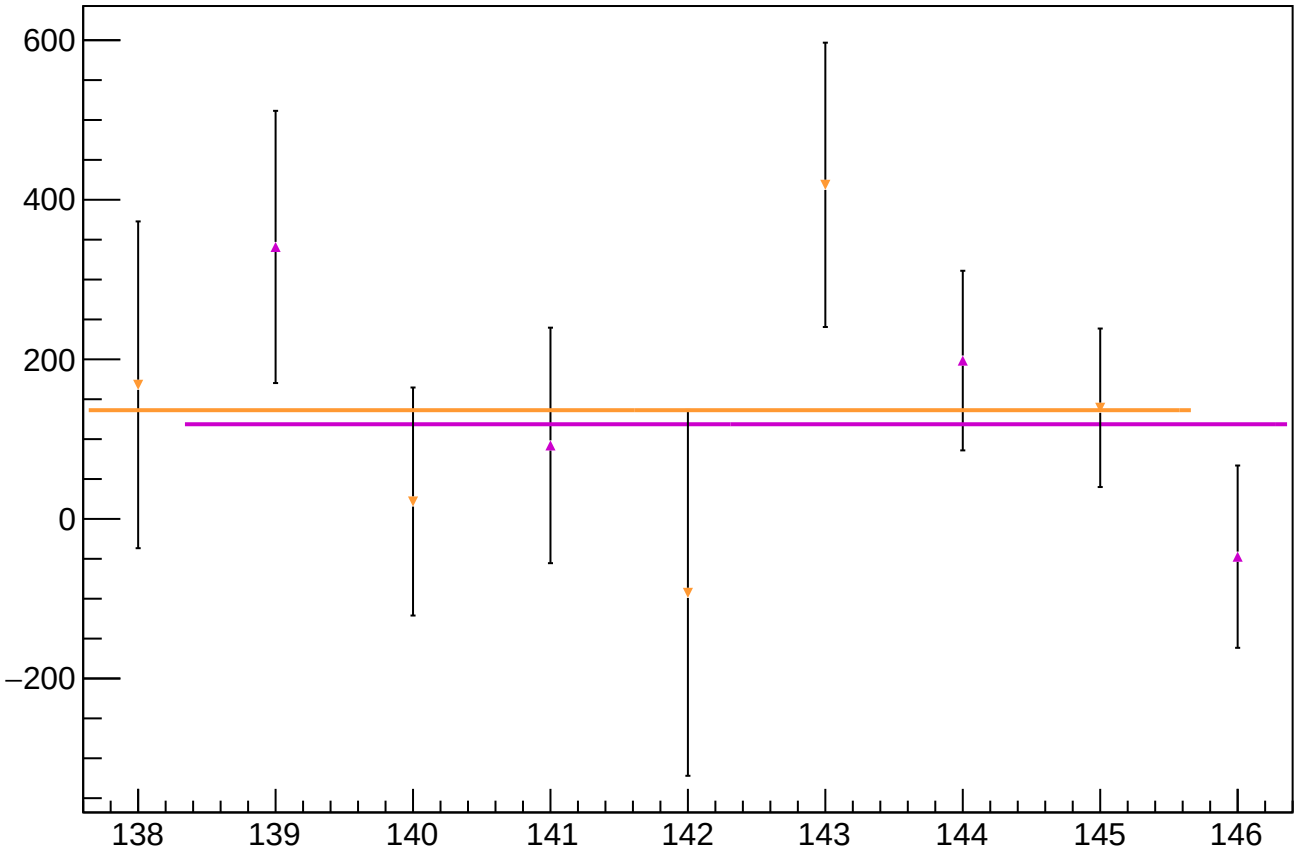
Left In: 118.001+/-0.047 χ^2/NDF:166966.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 118.335+/-0.034 χ^2/NDF: 715501.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 136.268+/-66.711 χ^2/NDF:4.2/4

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

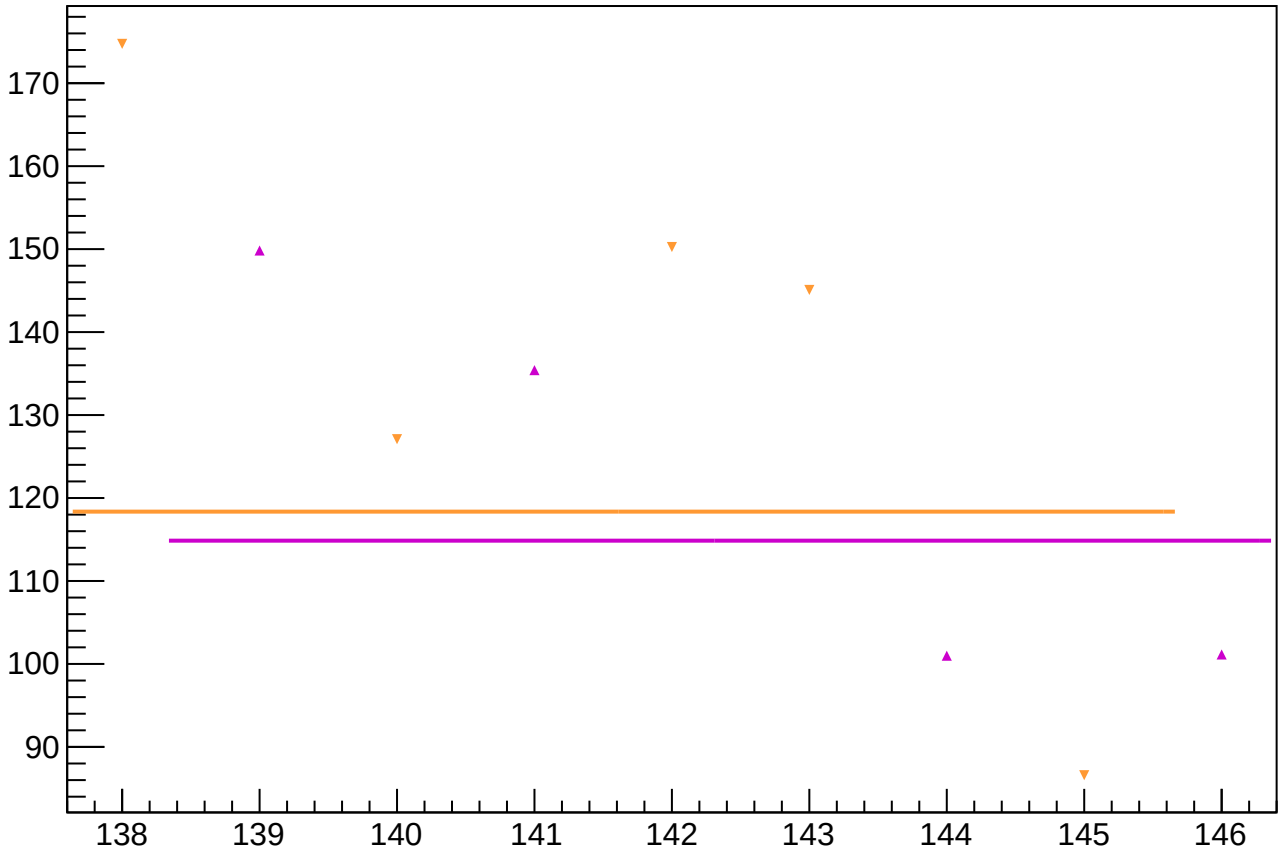
Left In: 118.653+/-65.119 χ^2/NDF:4.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 127.248+/-46.599 χ^2/NDF: 8.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 118.359+/-0.047 χ^2/NDF:447379.6/4

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

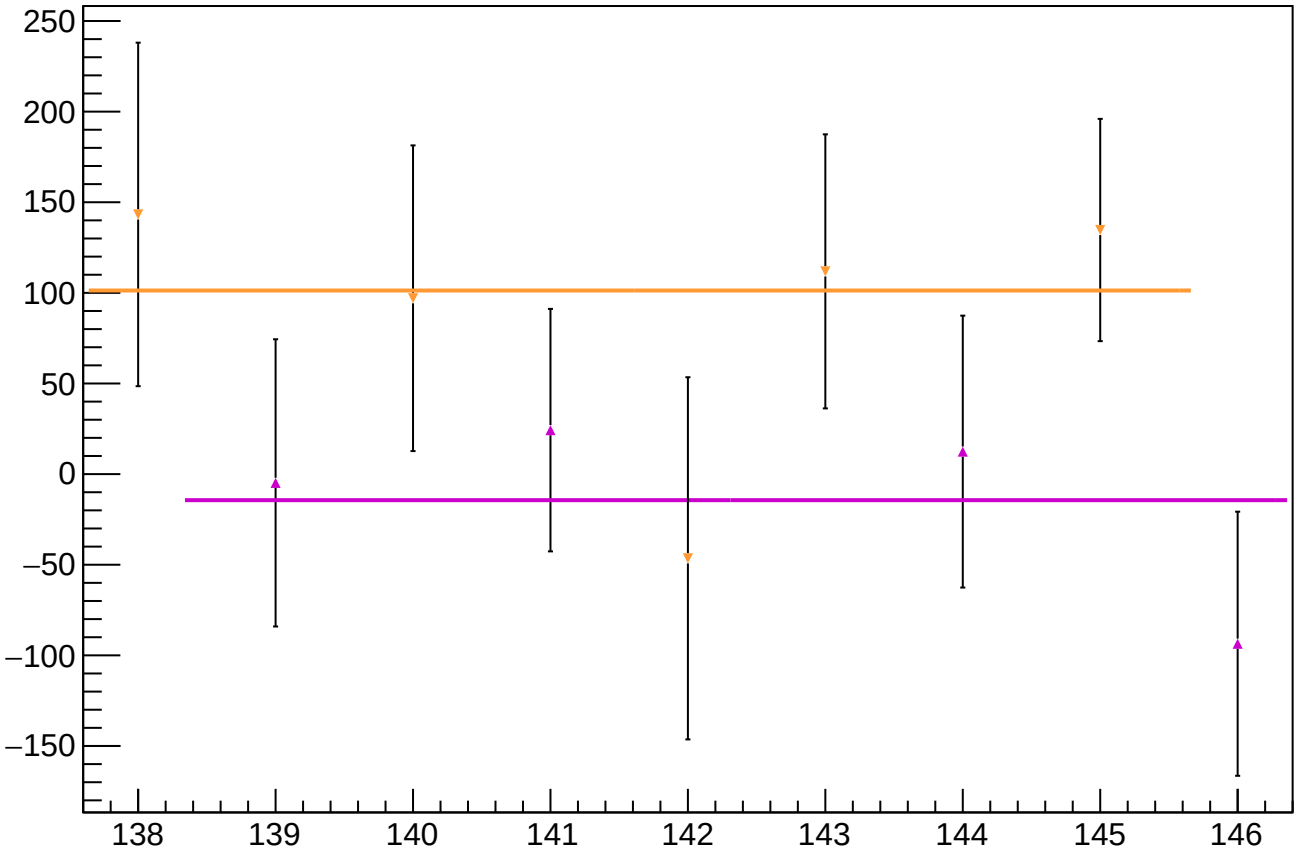
Left In: 114.859+/-0.046 χ^2/NDF:182045.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 116.567+/-0.033 χ^2/NDF: 632243.9/8

- 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: 101.298+/-35.511 χ^2/NDF:2.7/4

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

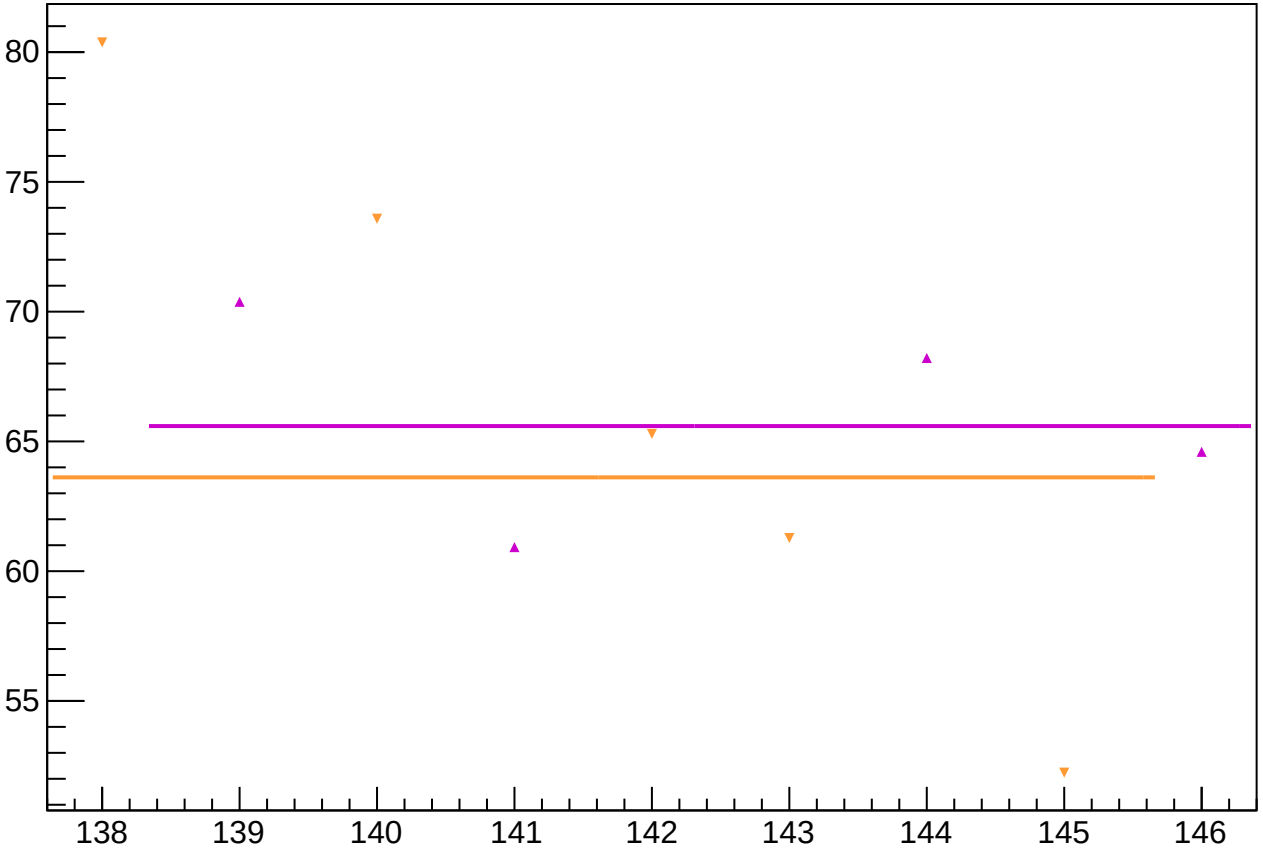
Left In: -14.380+/-36.544 χ^2/NDF:1.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 45.118+/-25.467 χ^2/NDF: 9.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 63.614+/-0.025 χ^2/NDF:161828.2/4

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

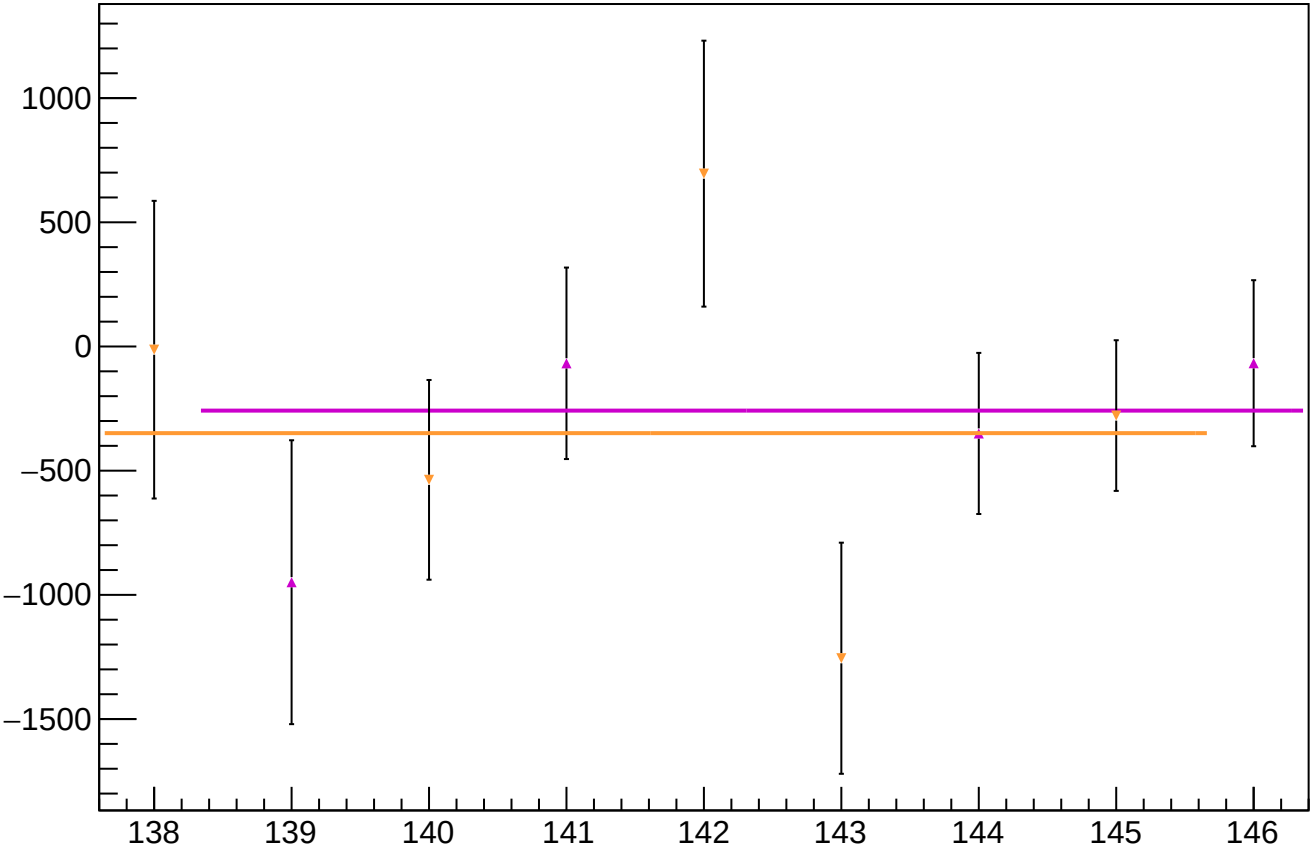
Left In: 65.591+/-0.026 χ^2/NDF:19841.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 64.575+/-0.018 χ^2/NDF: 184680.5/8

- 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: -348.843+/-189.148 χ^2/NDF:8.2/4

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

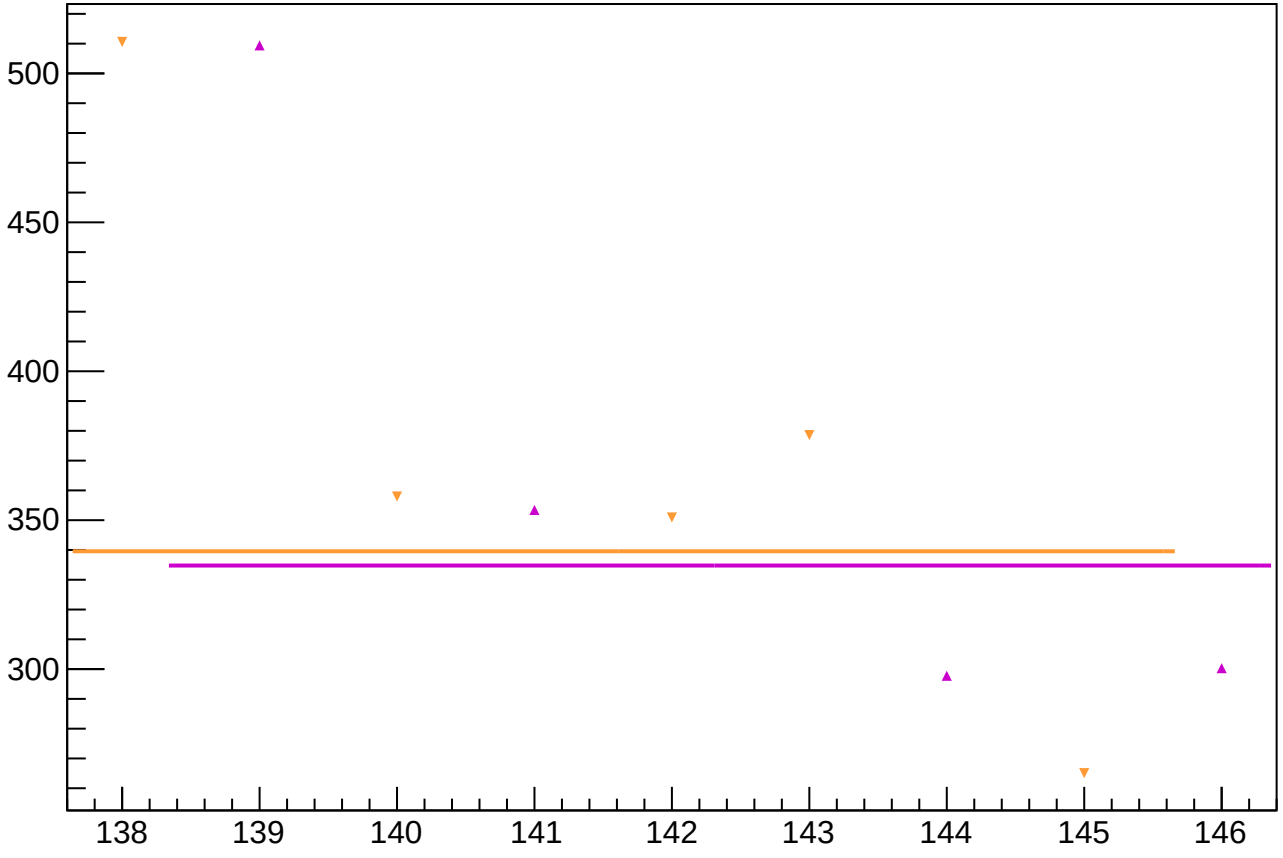
Left In: -258.149+/-188.145 χ^2/NDF:2.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -303.255+/-133.392 χ^2/NDF: 10.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_correction_rms vs Slug



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

Left Out: 339.561+/-0.134 χ^2/NDF:302718.5/4

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

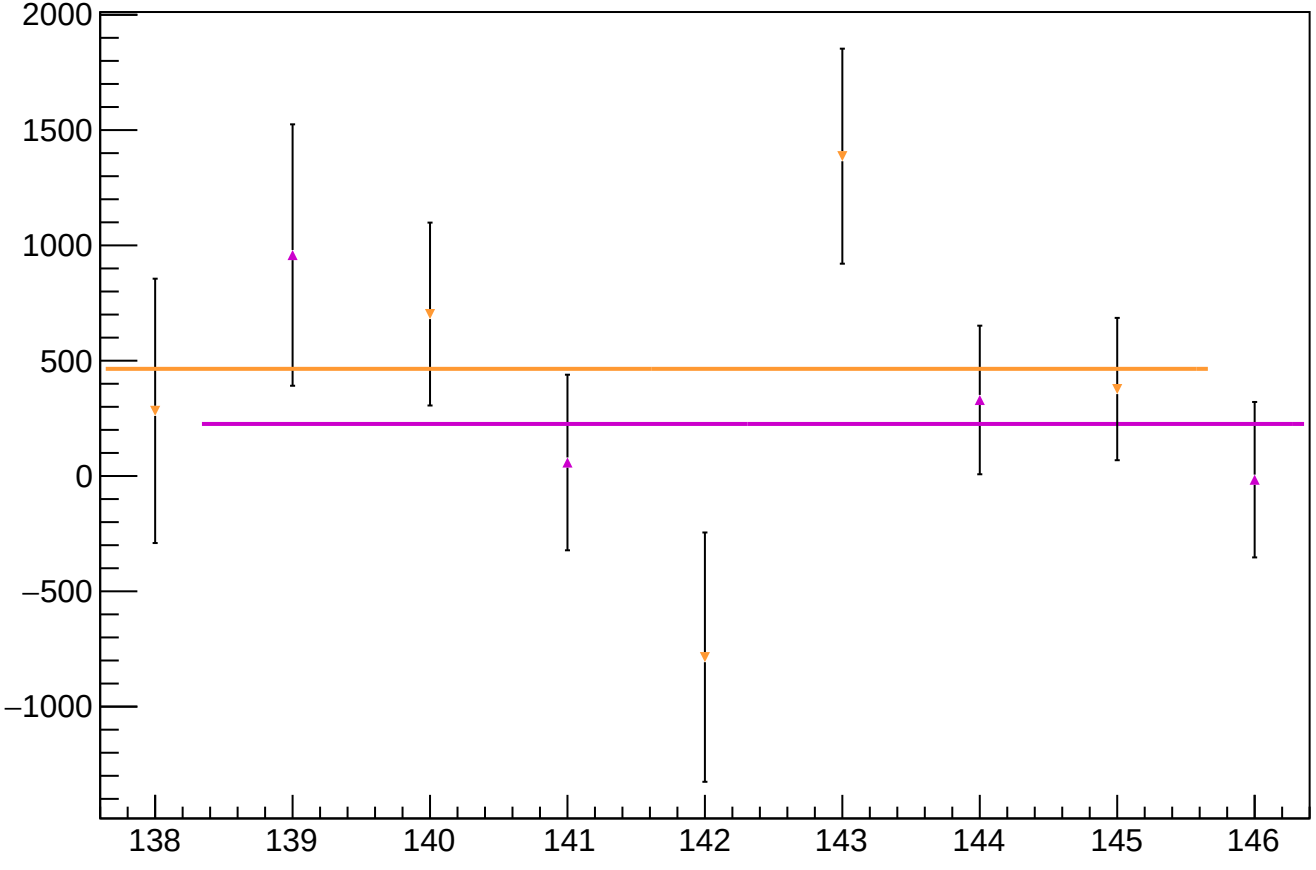
Left In: 334.775+/-0.133 χ^2/NDF:238796.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 337.155+/-0.094 χ^2/NDF: 542158.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_mean vs Slug



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

Left Out: 464.679+/-189.219 χ^2/NDF:9.8/4

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

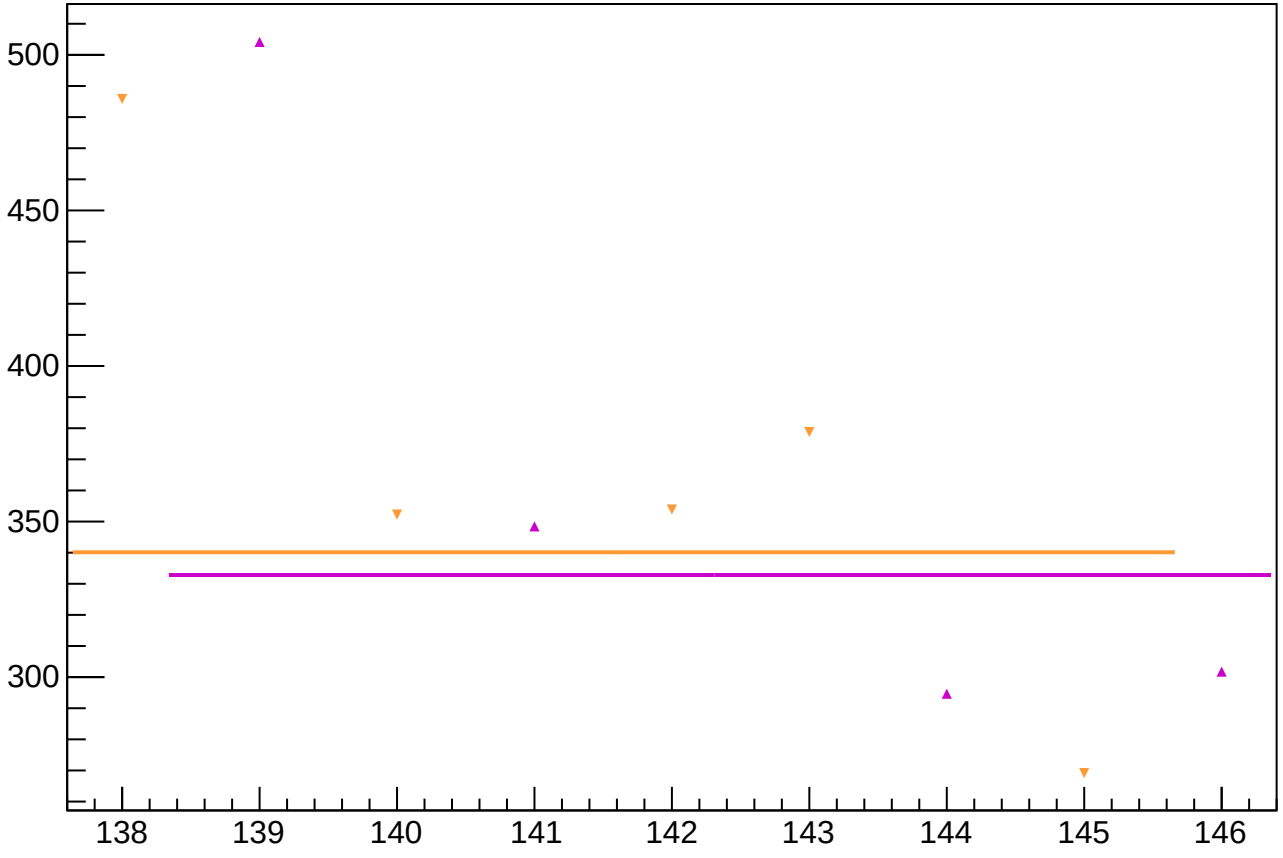
Left In: 225.731+/-187.480 χ^2/NDF:2.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 344.102+/-133.179 χ^2/NDF: 13.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_rms vs Slug



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

Left Out: 340.129+/-0.134 χ^2/NDF:251986.2/4

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

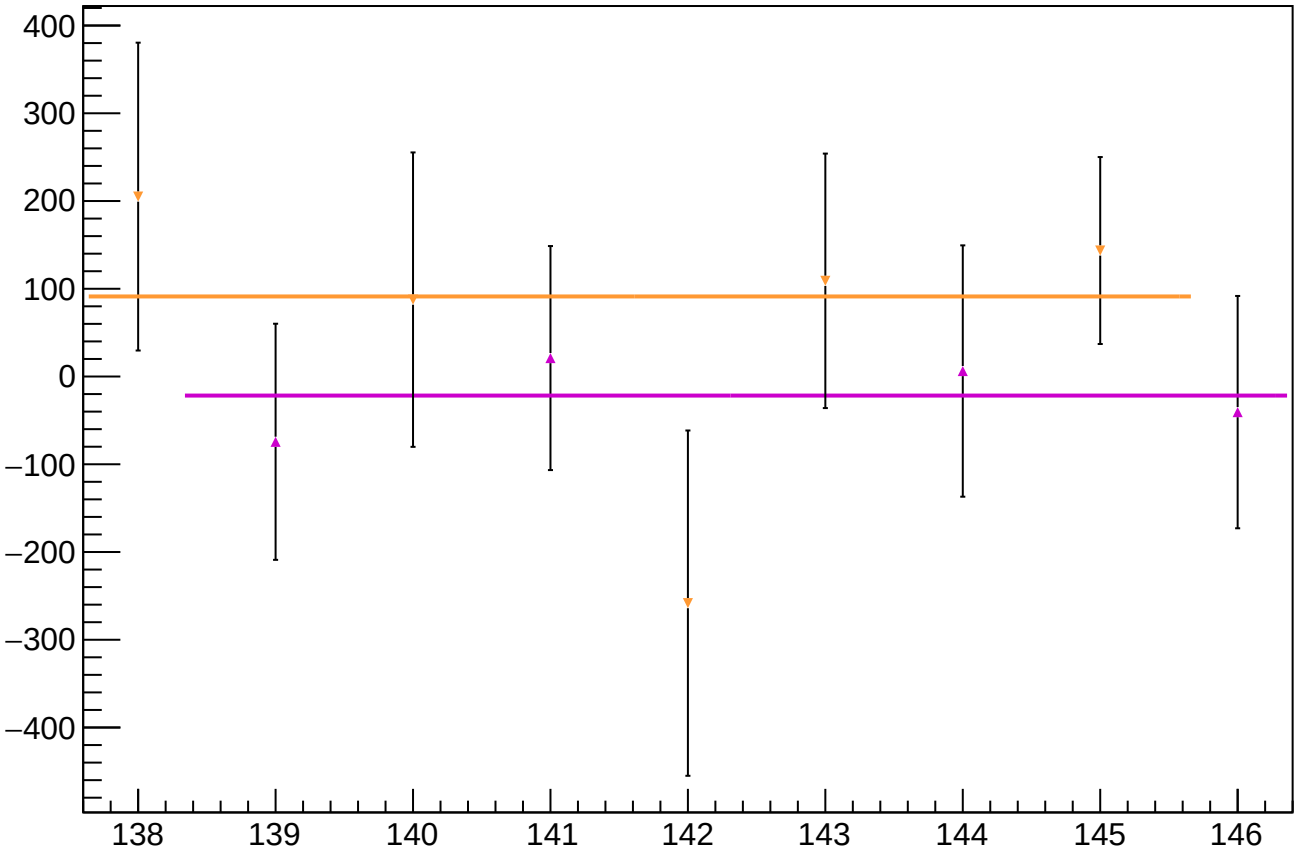
Left In: 332.827+/-0.133 χ^2/NDF:231188.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 336.444+/-0.094 χ^2/NDF: 484677.6/8

- 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: 91.241+/-66.007 χ^2/NDF:3.8/4

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

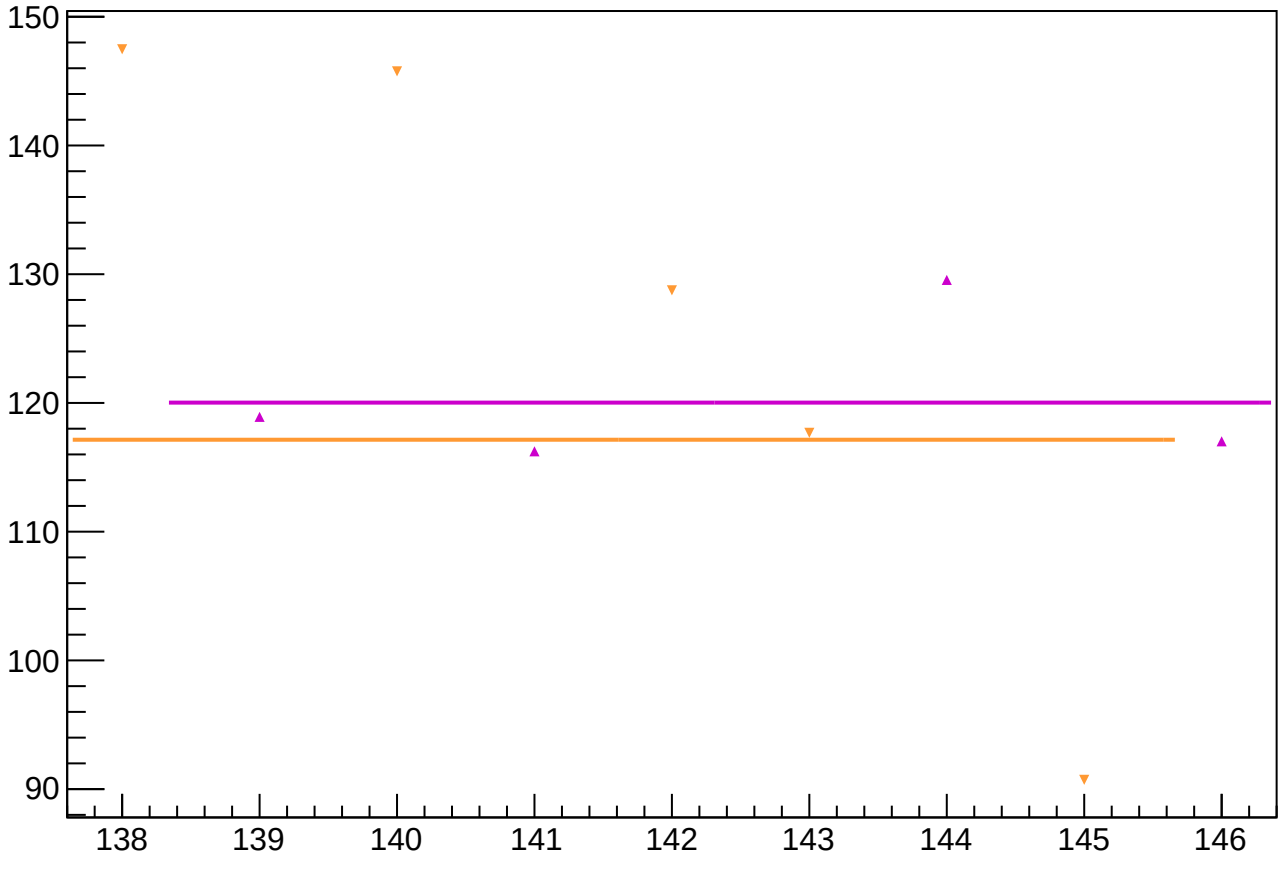
Left In: -21.714+/-67.052 χ^2/NDF:0.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 35.651+/-47.039 χ^2/NDF: 5.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 117.142+/-0.047 χ^2/NDF:247976.0/4

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

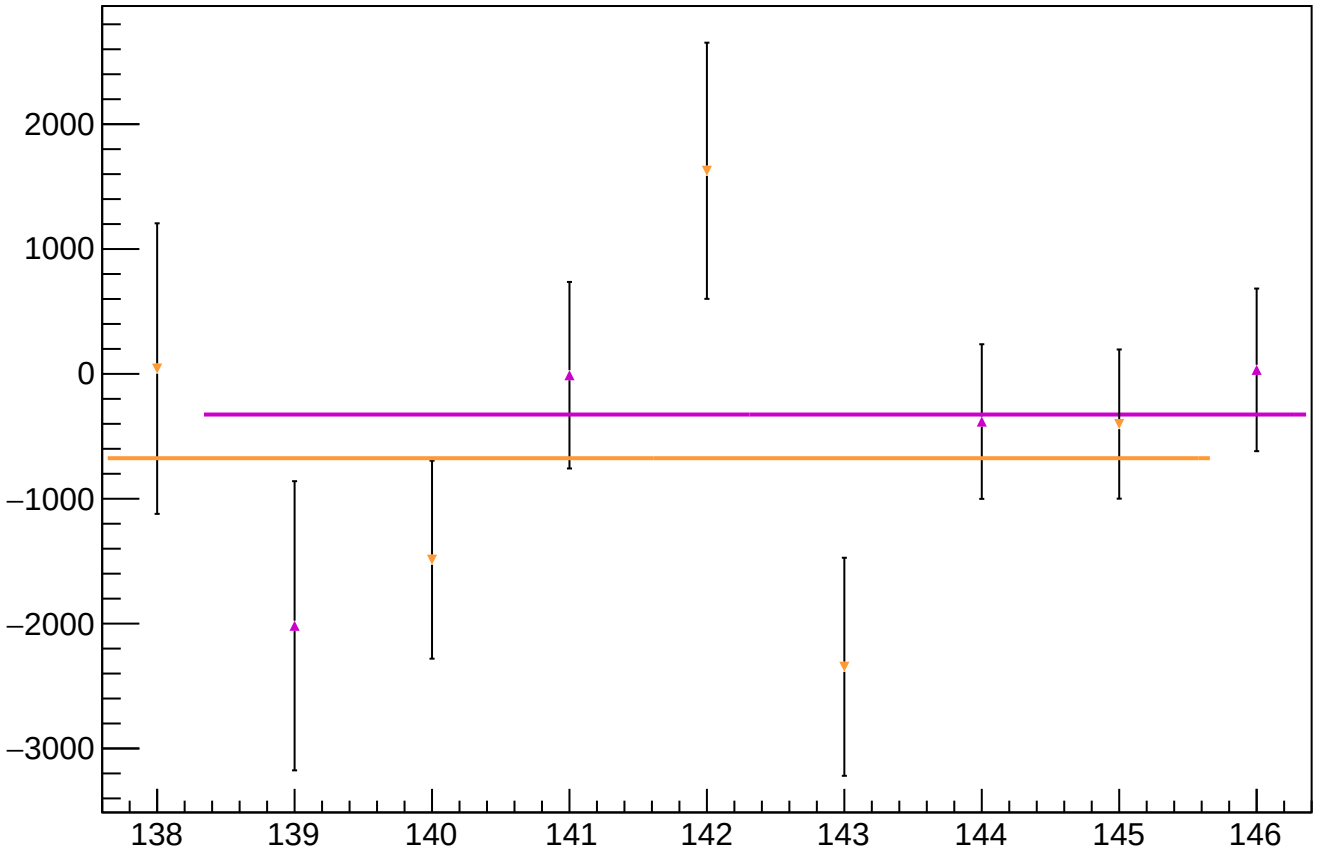
Left In: 120.025+/-0.047 χ^2/NDF:11782.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 118.561+/-0.033 χ^2/NDF: 261636.5/8

- 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: -675.278+/-367.794 χ^2/NDF:10.3/4

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

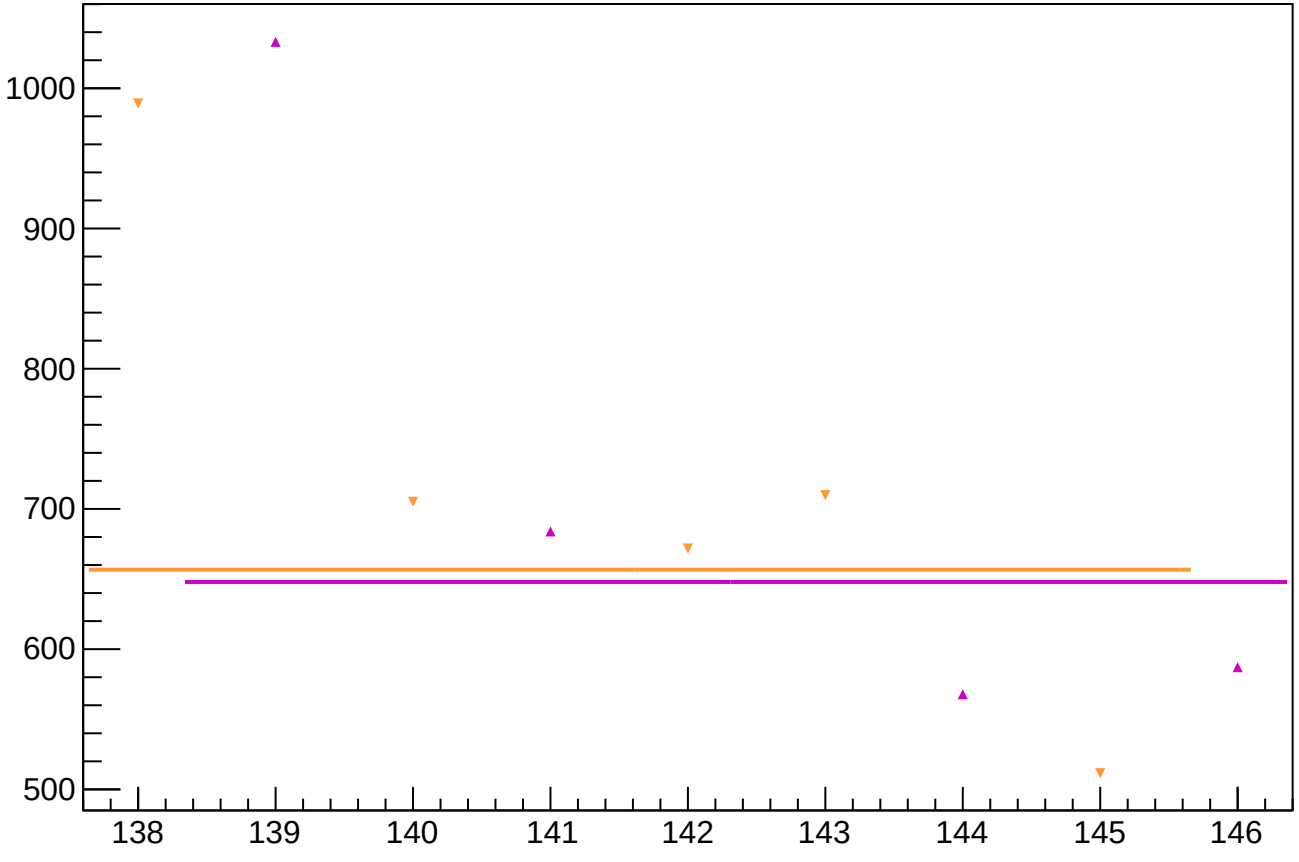
Left In: -325.499+/-365.065 χ^2/NDF:2.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -499.086+/-259.100 χ^2/NDF: 13.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_correction_rms vs Slug



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

Left Out: 656.669+/-0.260 χ^2/NDF:296613.5/4

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

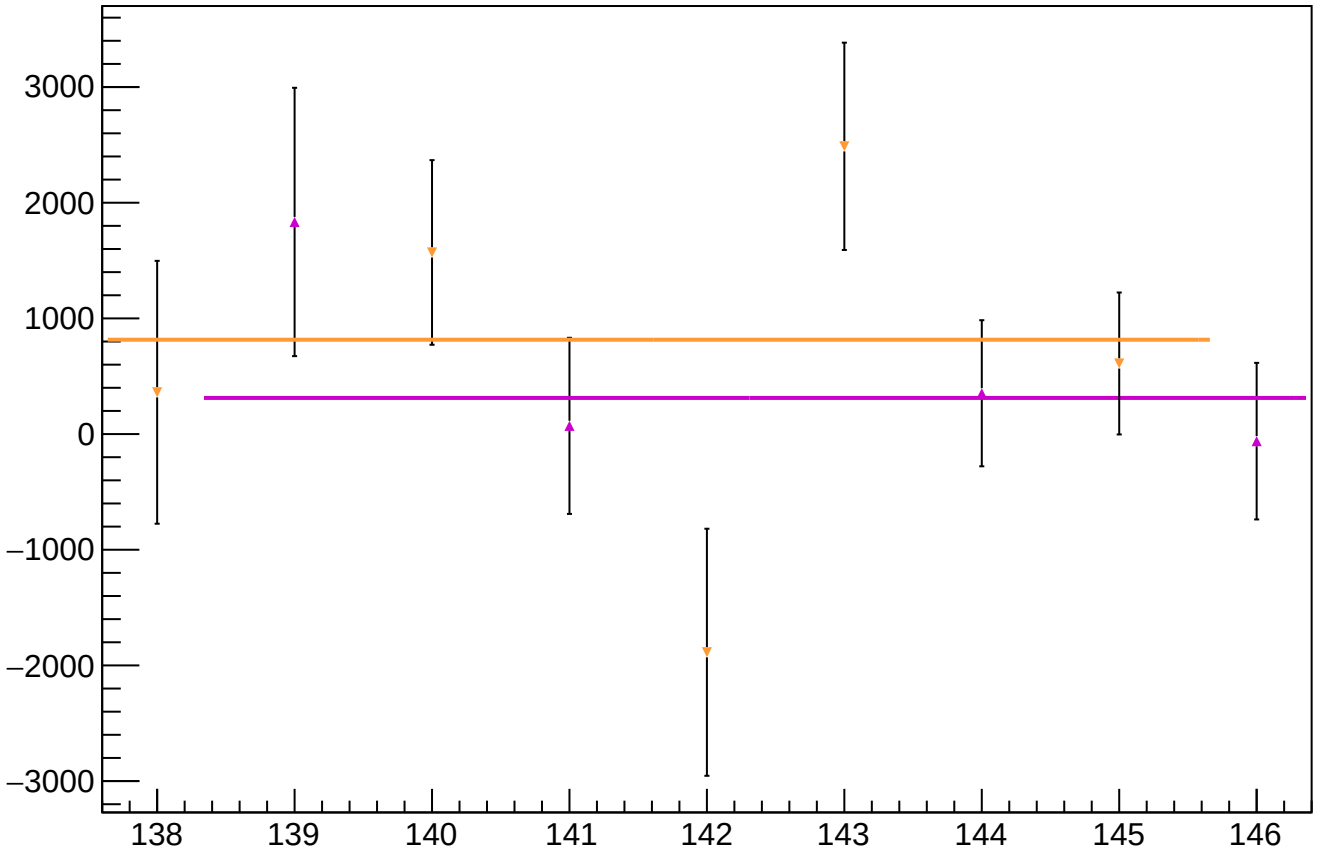
Left In: 647.914+/-0.258 χ^2/NDF:276776.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 652.259+/-0.183 χ^2/NDF: 573961.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_mean vs Slug



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

Left Out: 815.727+/-374.693 χ^2/NDF:11.0/4

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

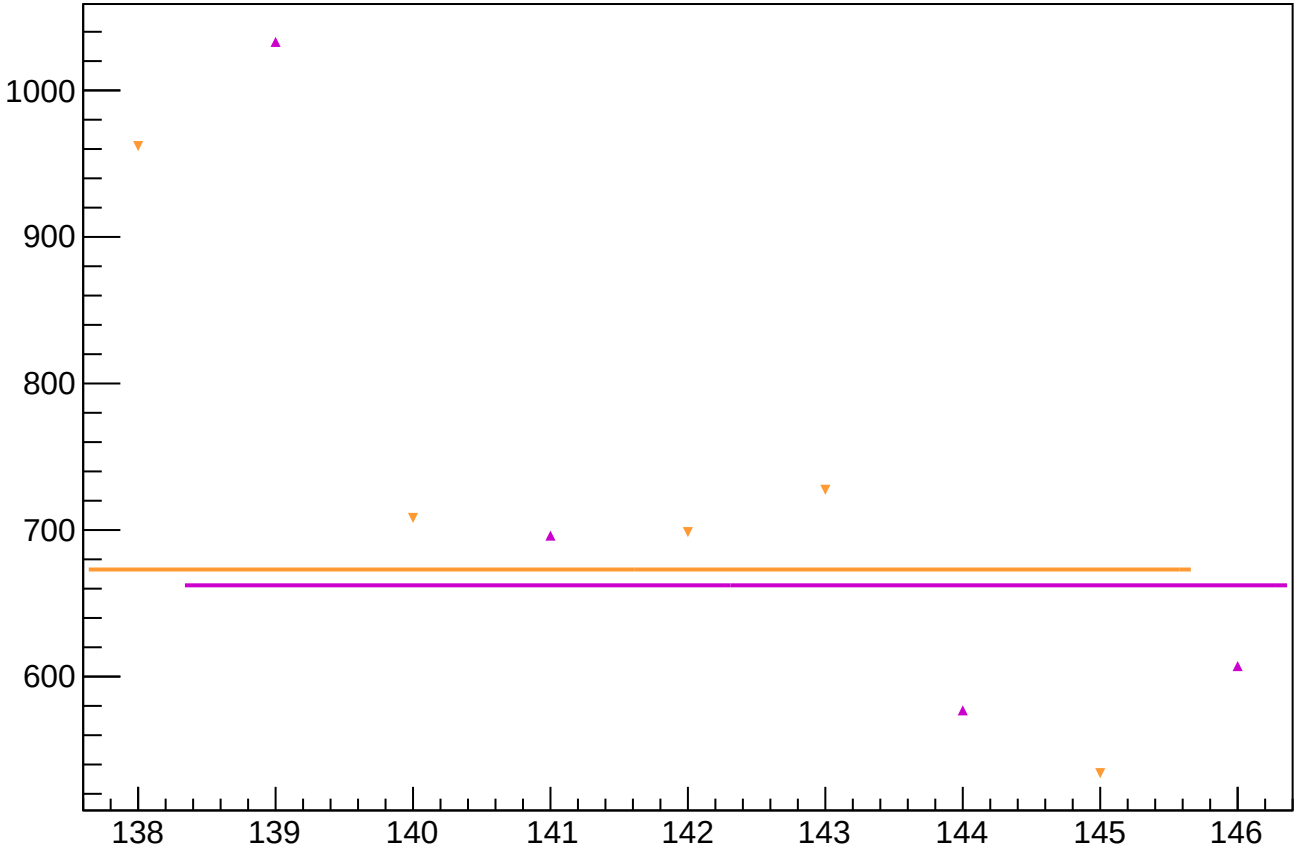
Left In: 312.409+/-373.771 χ^2/NDF:2.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 563.448+/-264.621 χ^2/NDF: 14.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_rms vs Slug



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

Left Out: 673.070+/-0.265 χ^2/NDF:244301.5/4

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

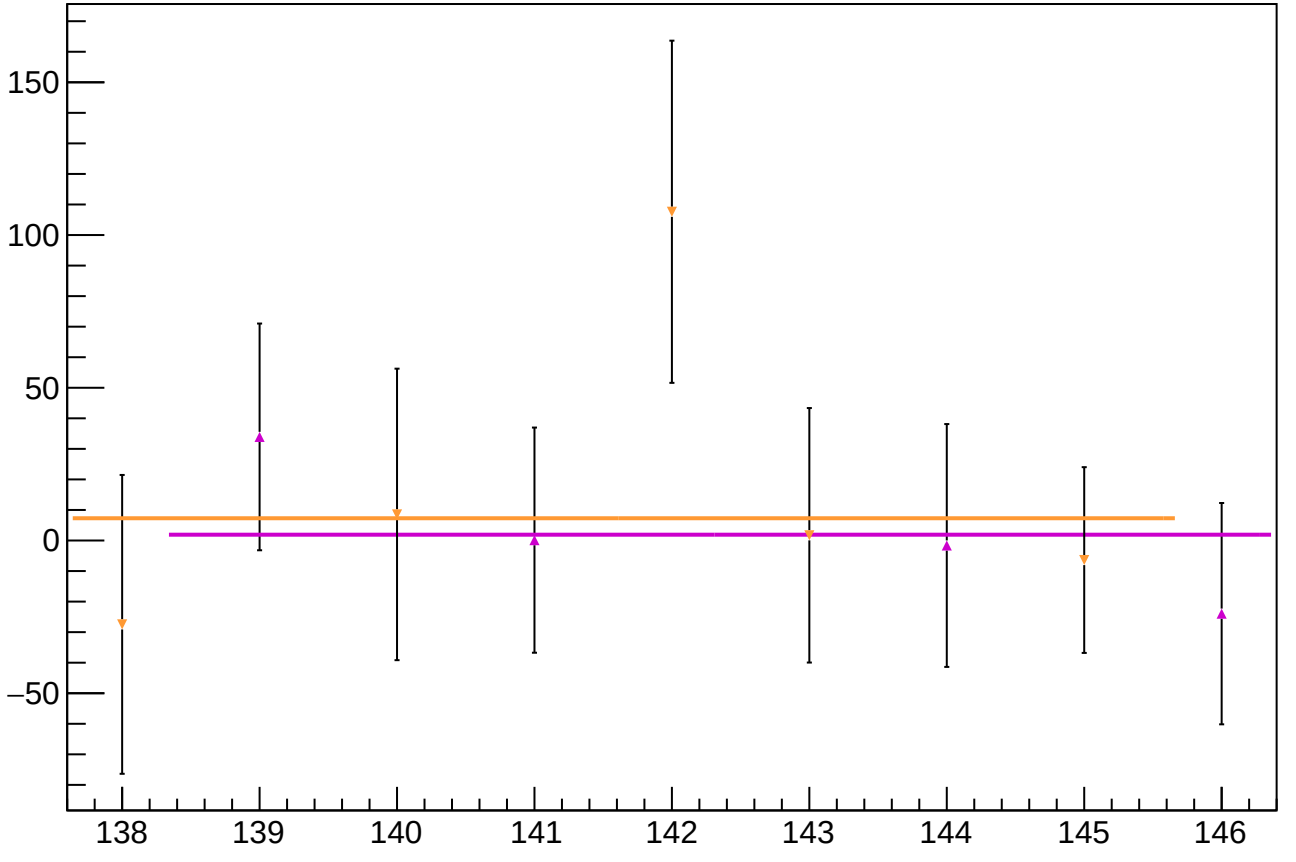
Left In: 662.282+/-0.264 χ^2/NDF:258133.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 667.662+/-0.187 χ^2/NDF: 503266.5/8

- 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: 7.286+/-18.785 χ^2/NDF:3.9/4

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

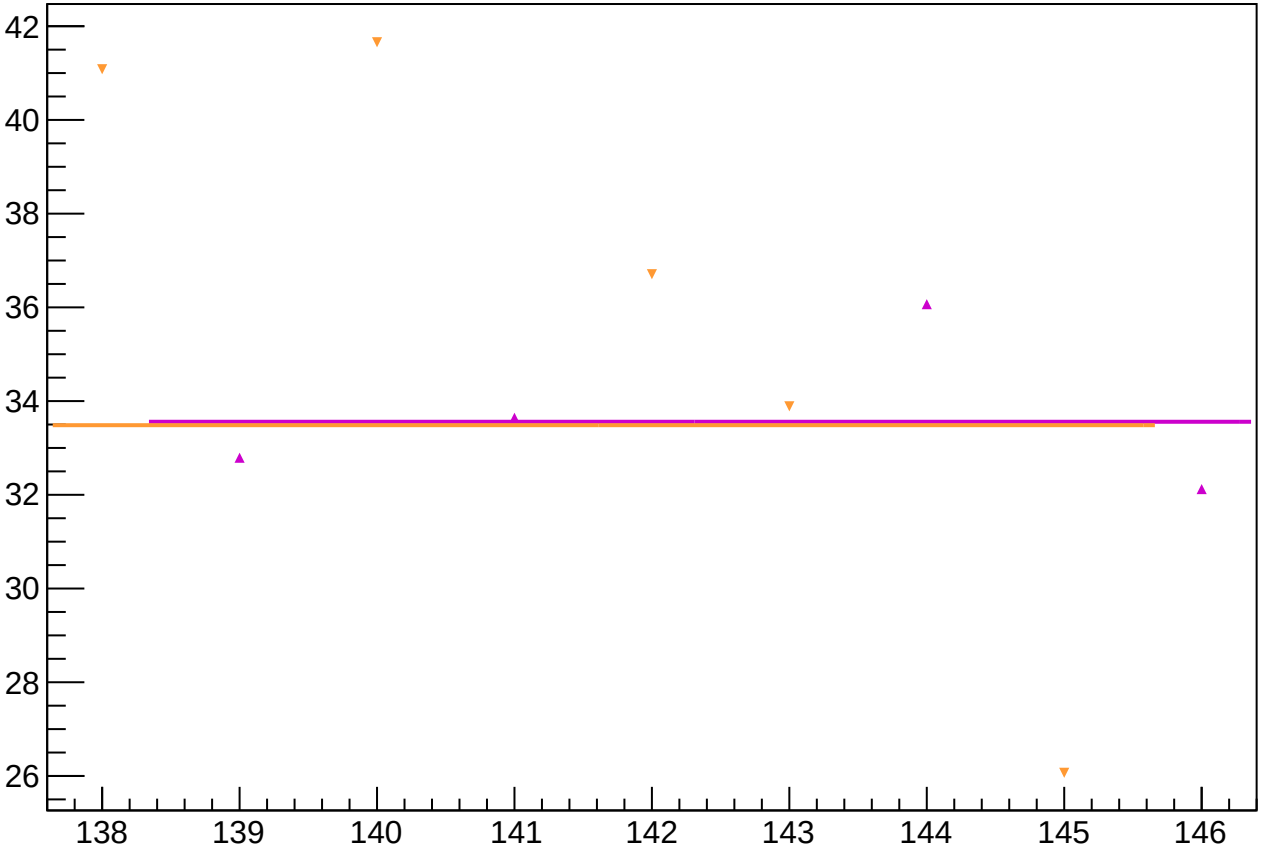
Left In: 1.901+/-18.709 χ^2/NDF:1.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.582+/-13.256 χ^2/NDF: 5.2/8

- 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: 33.486+/-0.013 χ^2/NDF:232742.9/4

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

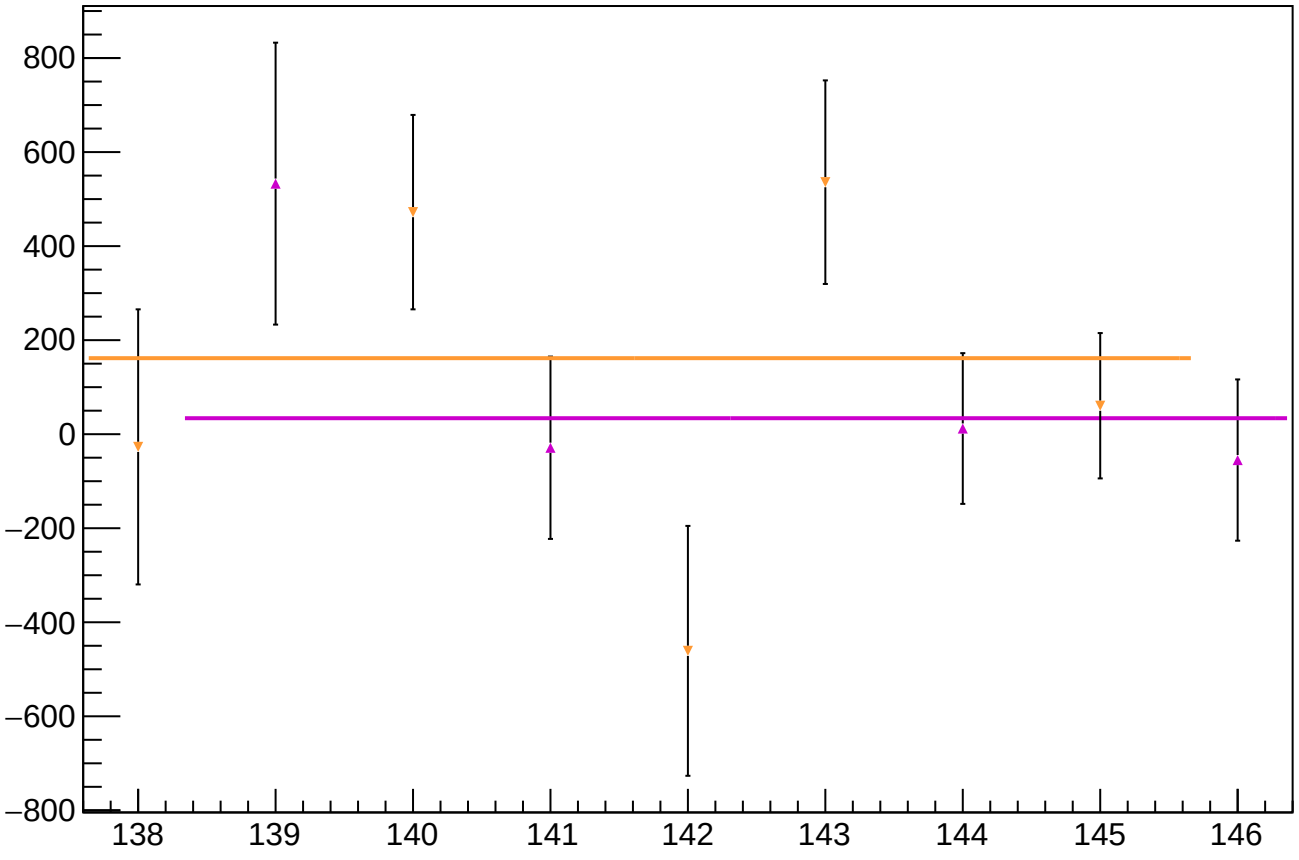
Left In: 33.559+/-0.013 χ^2/NDF:11981.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 33.522+/-0.009 χ^2/NDF: 244739.4/8

- 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: 161.677+/-94.311 χ^2/NDF:11.6/4

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

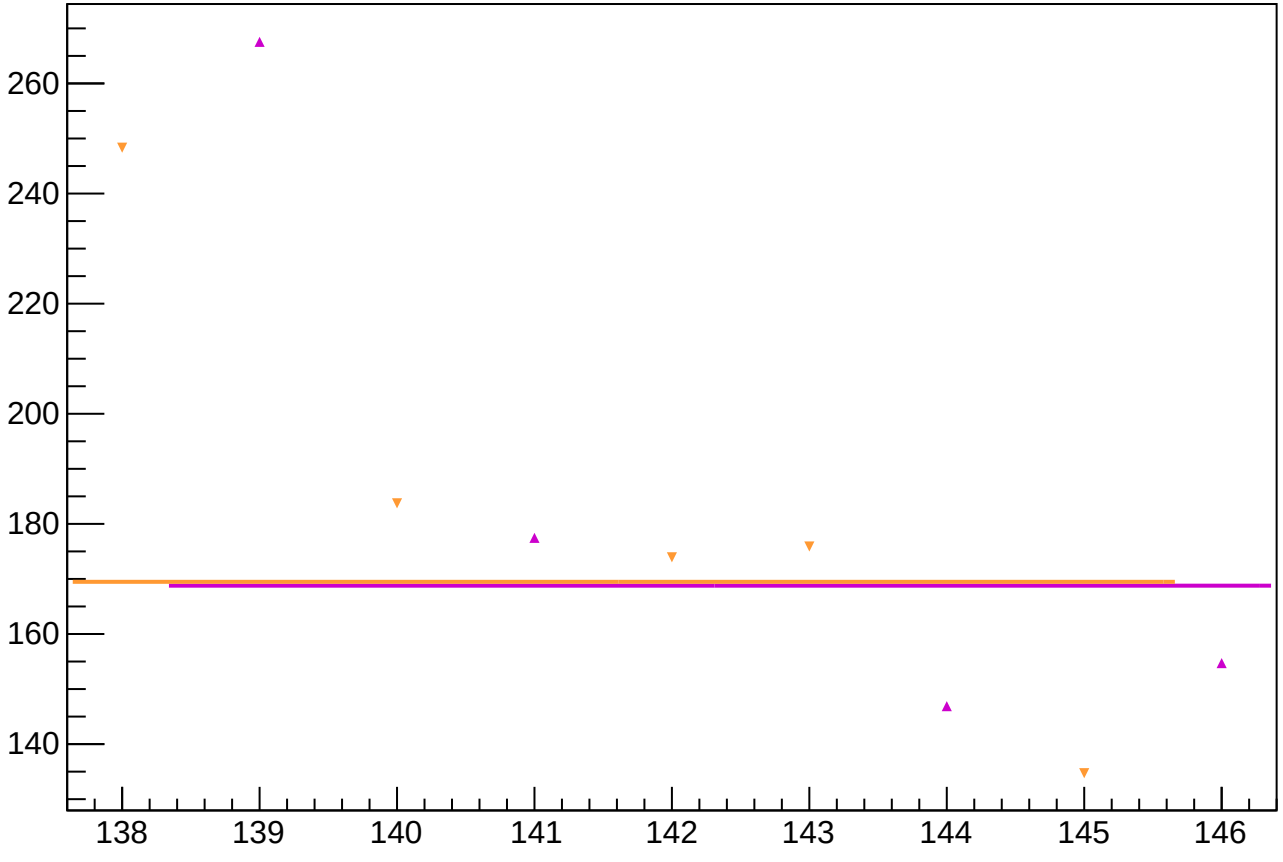
Left In: 33.987+/-95.071 χ^2/NDF:3.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 98.344+/-66.955 χ^2/NDF: 15.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_correction_rms vs Slug



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

Left Out: 169.478+/-0.067 χ^2/NDF:258272.2/4

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

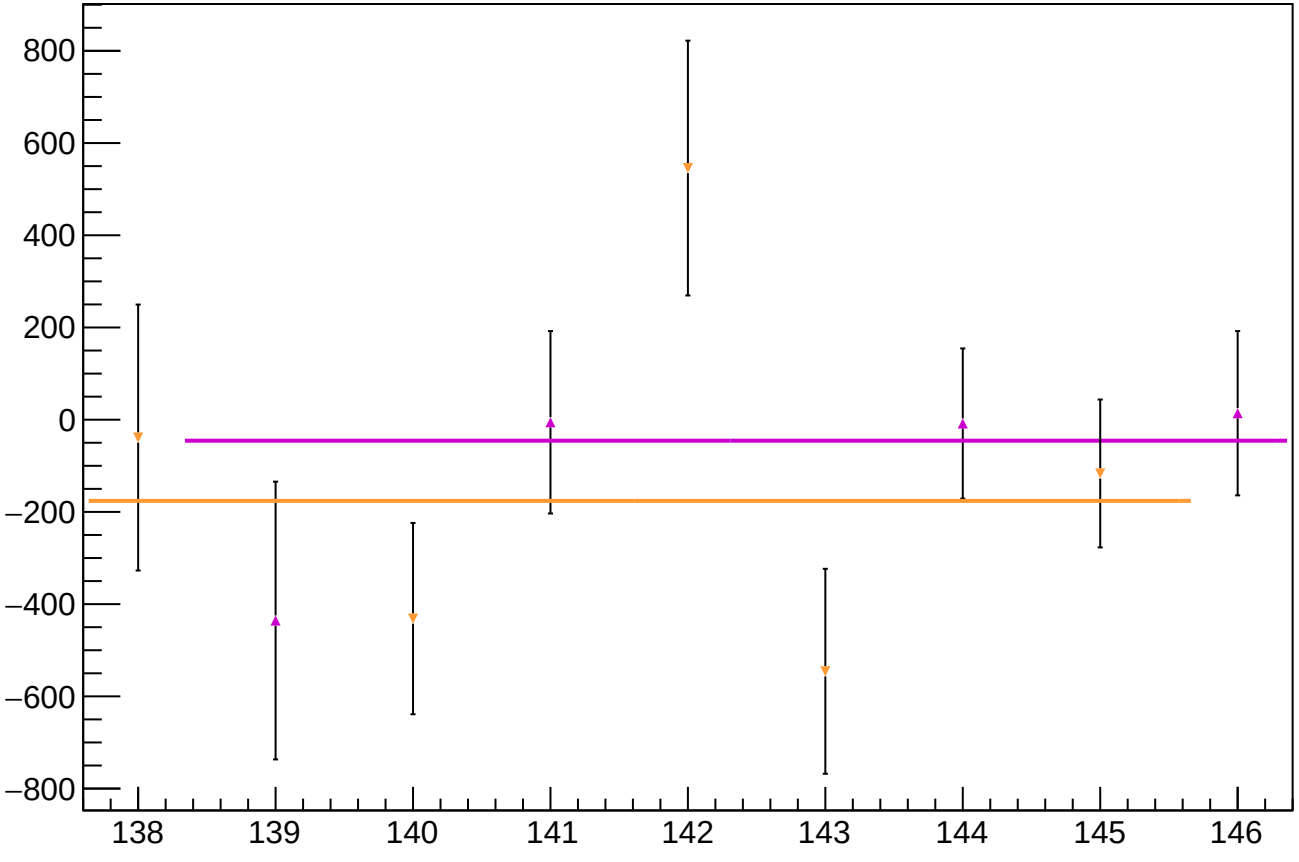
Left In: 168.778+/-0.067 χ^2/NDF:271839.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 169.131+/-0.047 χ^2/NDF: 530166.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -176.027+/-96.459 χ^2/NDF:11.5/4

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

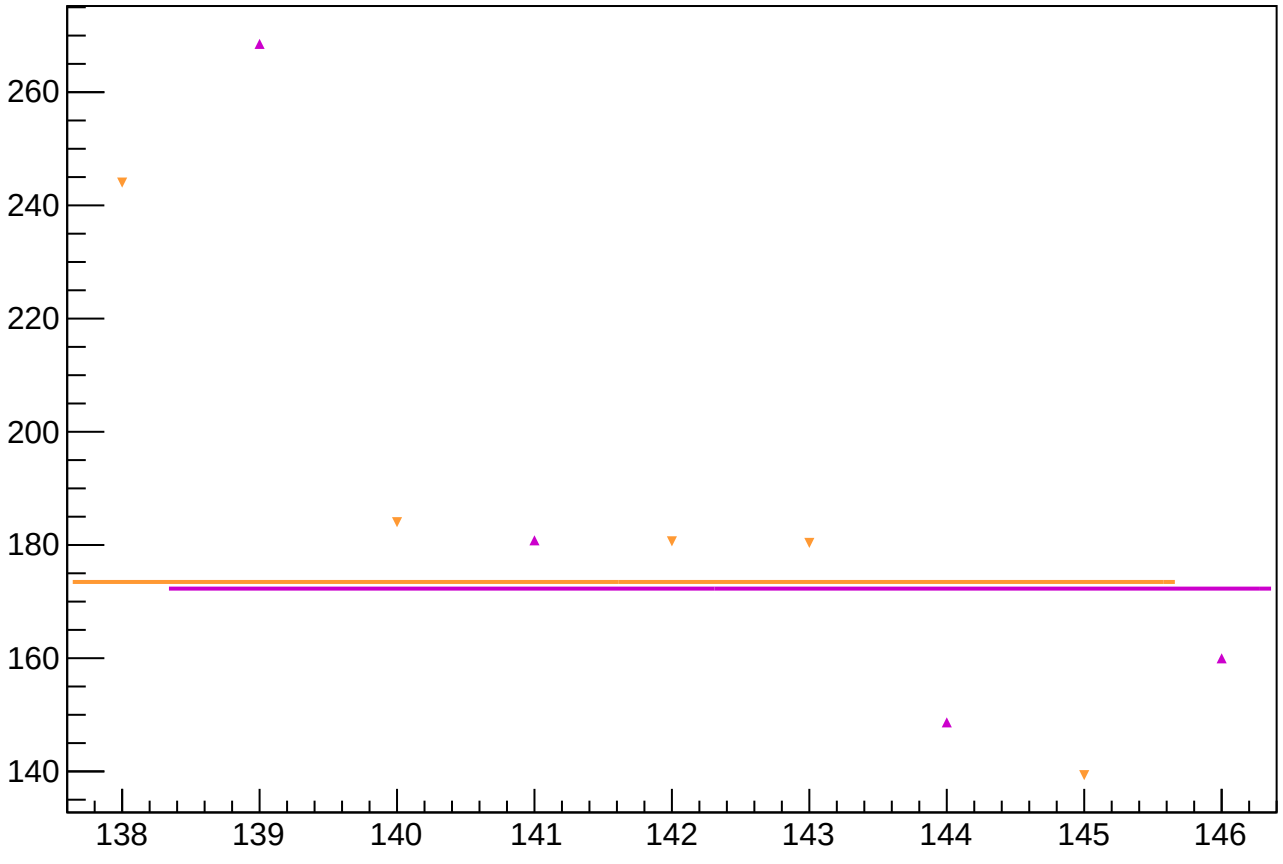
Left In: -45.491+/-97.235 χ^2/NDF:1.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -111.283+/-68.480 χ^2/NDF: 14.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 173.470+/-0.068 χ^2/NDF:218757.3/4

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

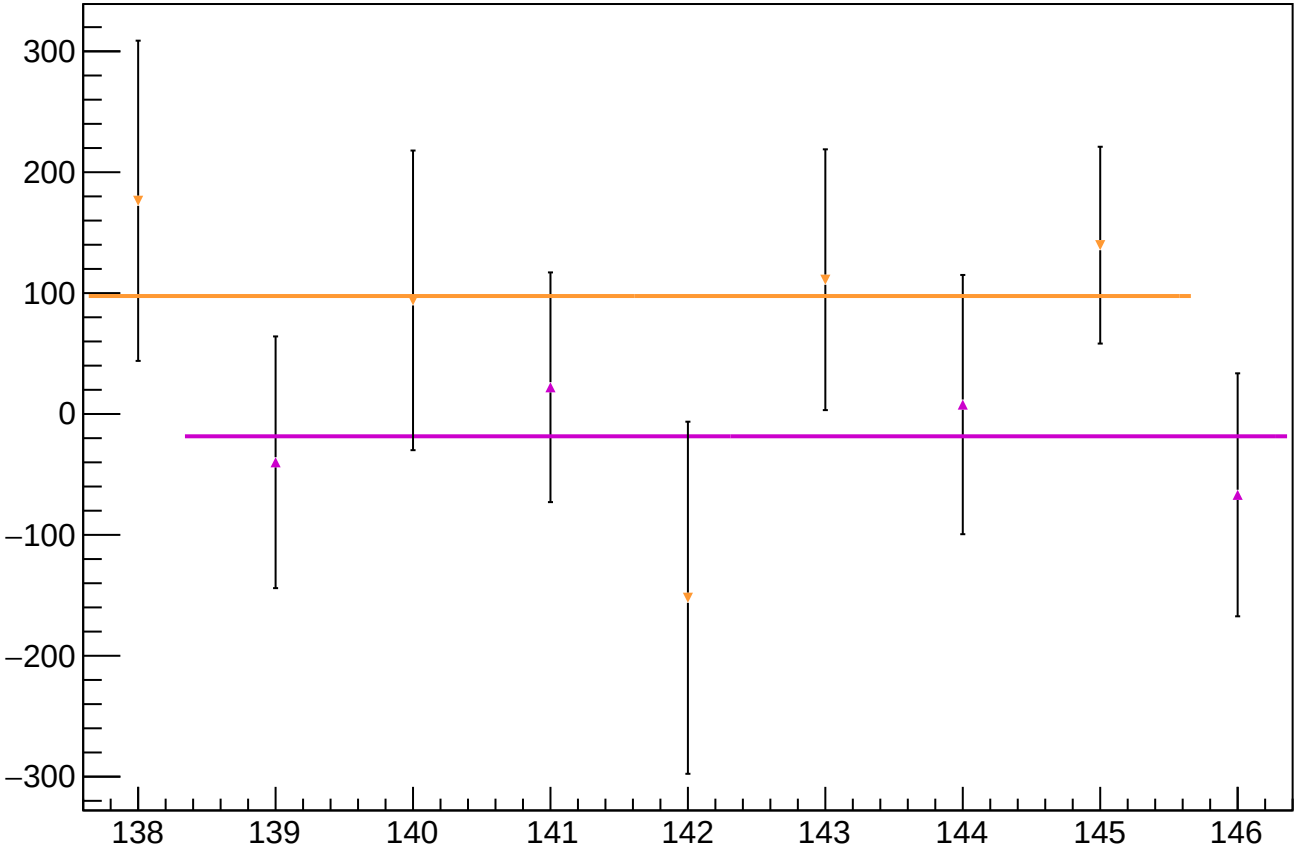
Left In: 172.294+/-0.069 χ^2/NDF:259506.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 172.887+/-0.048 χ^2/NDF: 478410.8/8

- 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: 97.581+/-49.621 χ^2/NDF:3.6/4

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

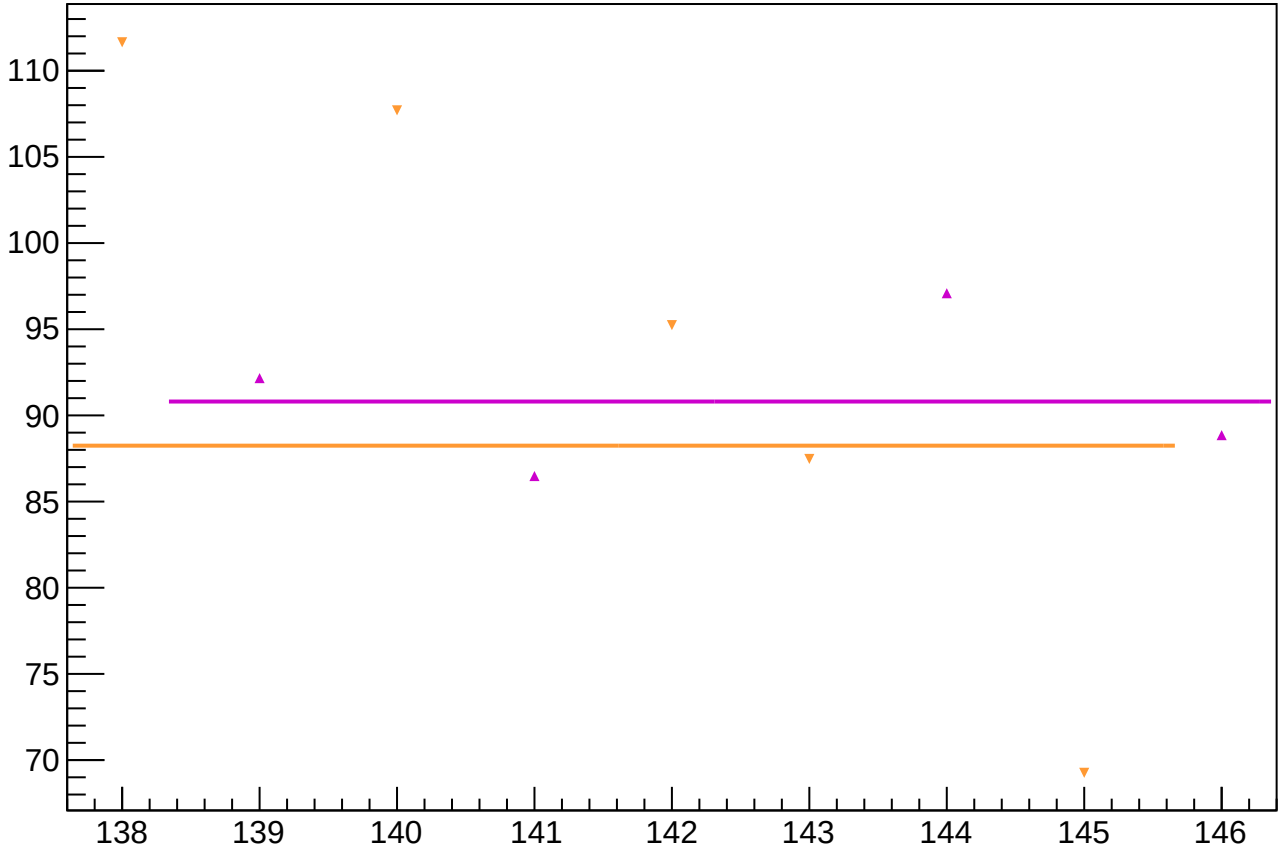
Left In: -18.449+/-50.700 χ^2/NDF:0.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.814+/-35.463 χ^2/NDF: 6.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 88.244+/-0.035 χ^2/NDF:225243.5/4

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

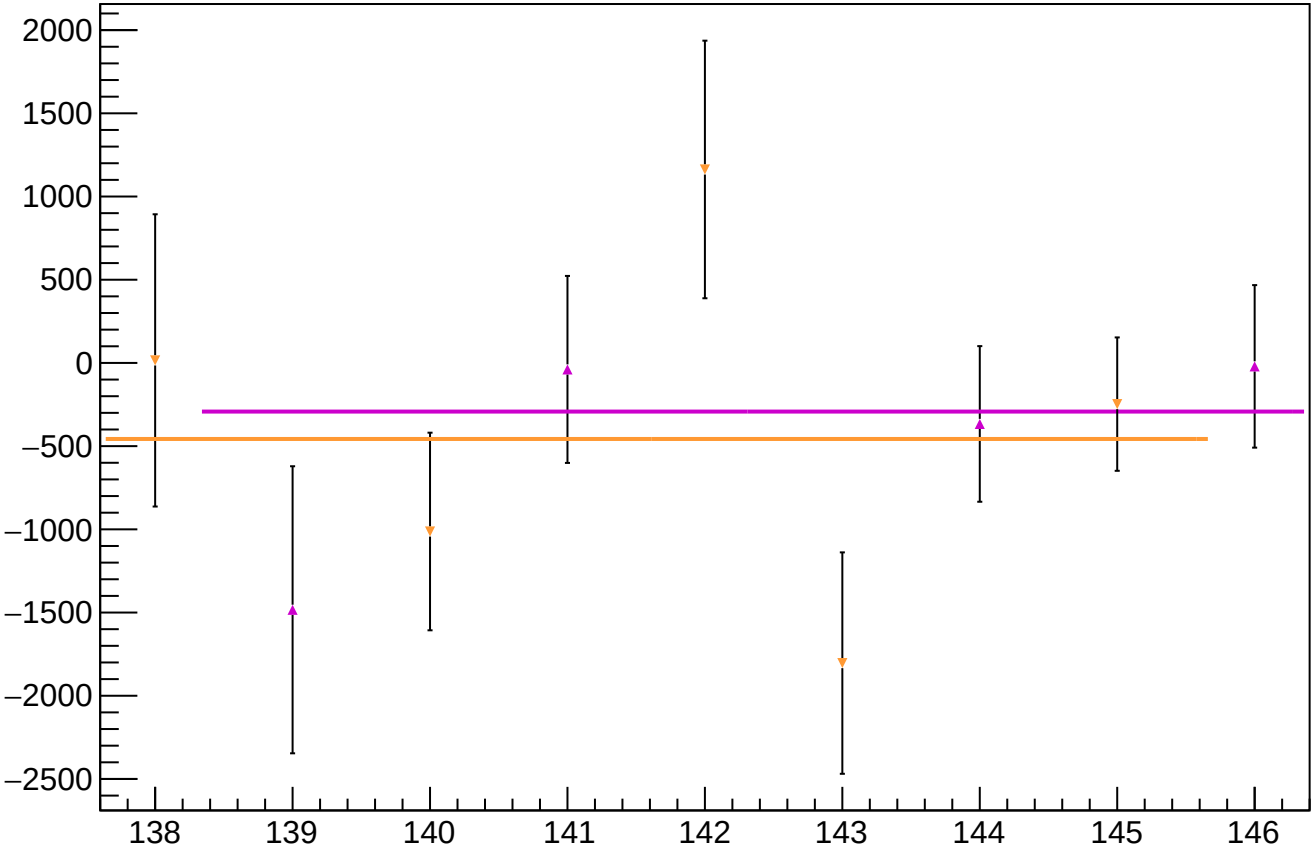
Left In: 90.805+/-0.036 χ^2/NDF:12106.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 89.497+/-0.025 χ^2/NDF: 239955.6/8

- 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: -456.948+/-264.550 χ^2/NDF:9.9/4

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

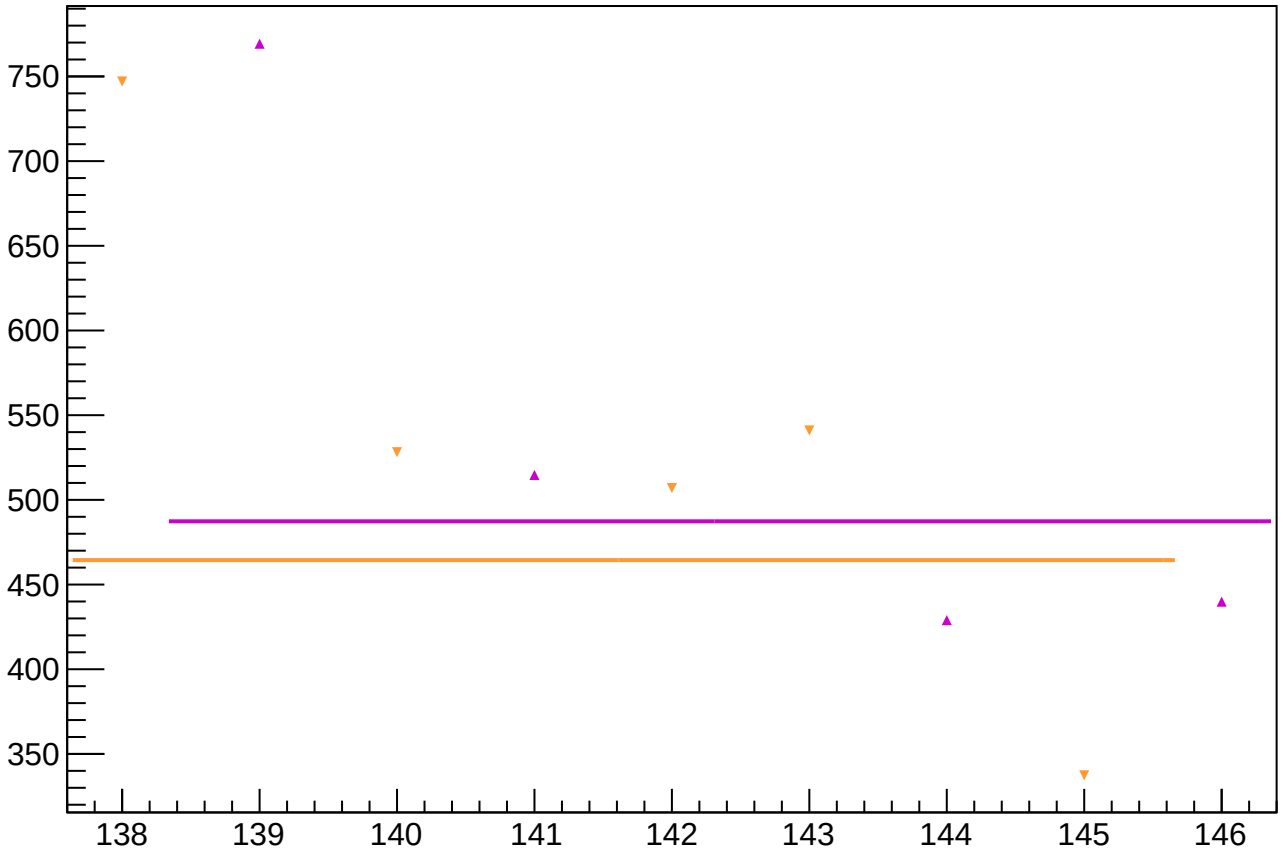
Left In: -292.290+/-274.438 χ^2/NDF:2.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -377.639+/-190.465 χ^2/NDF: 12.5/8

- 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: 464.436+/-0.187 χ^2/NDF:463723.6/4

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

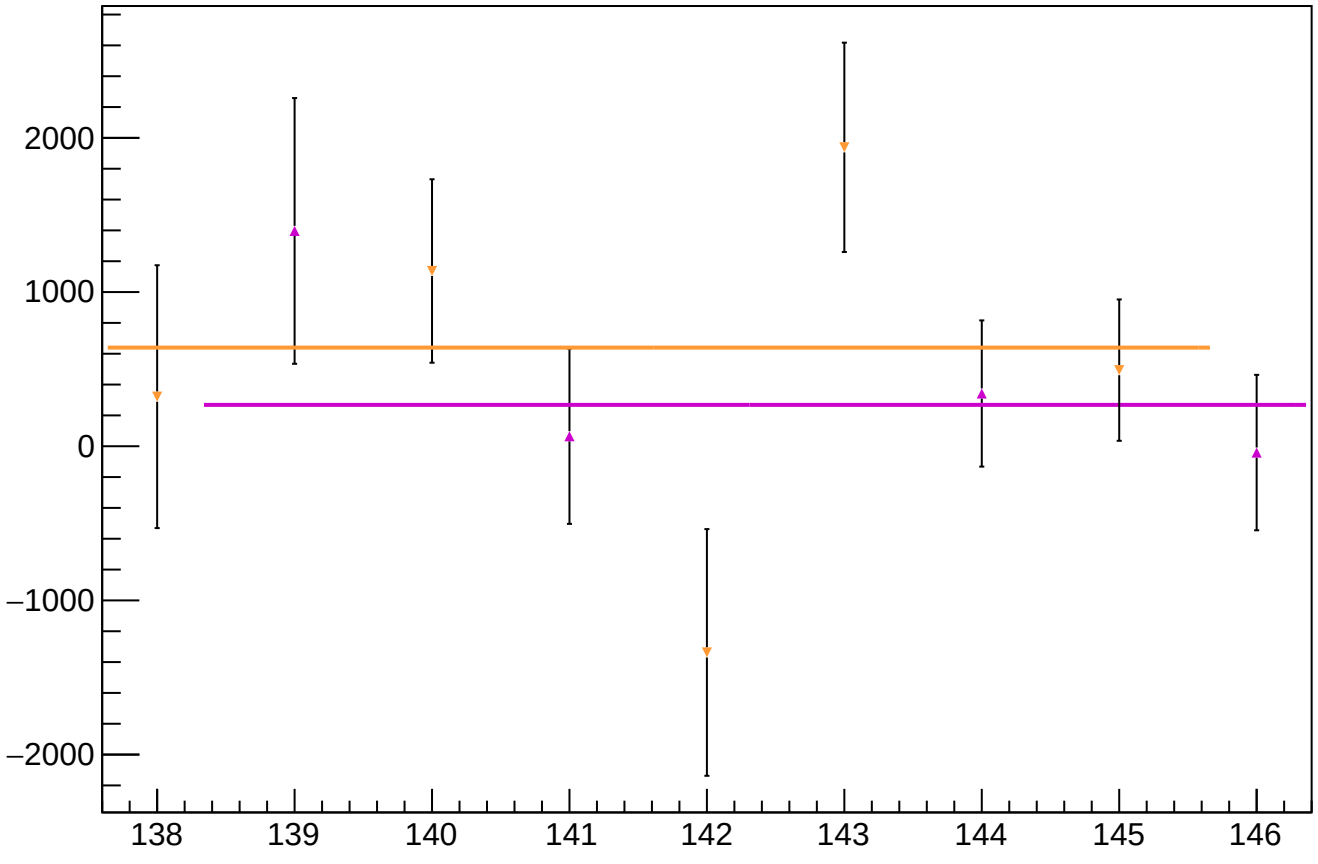
Left In: 487.344+/-0.194 χ^2/NDF:268535.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 475.470+/-0.135 χ^2/NDF: 739482.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_mean vs Slug



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

Left Out: 639.811+/-280.699 χ^2/NDF:10.7/4

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

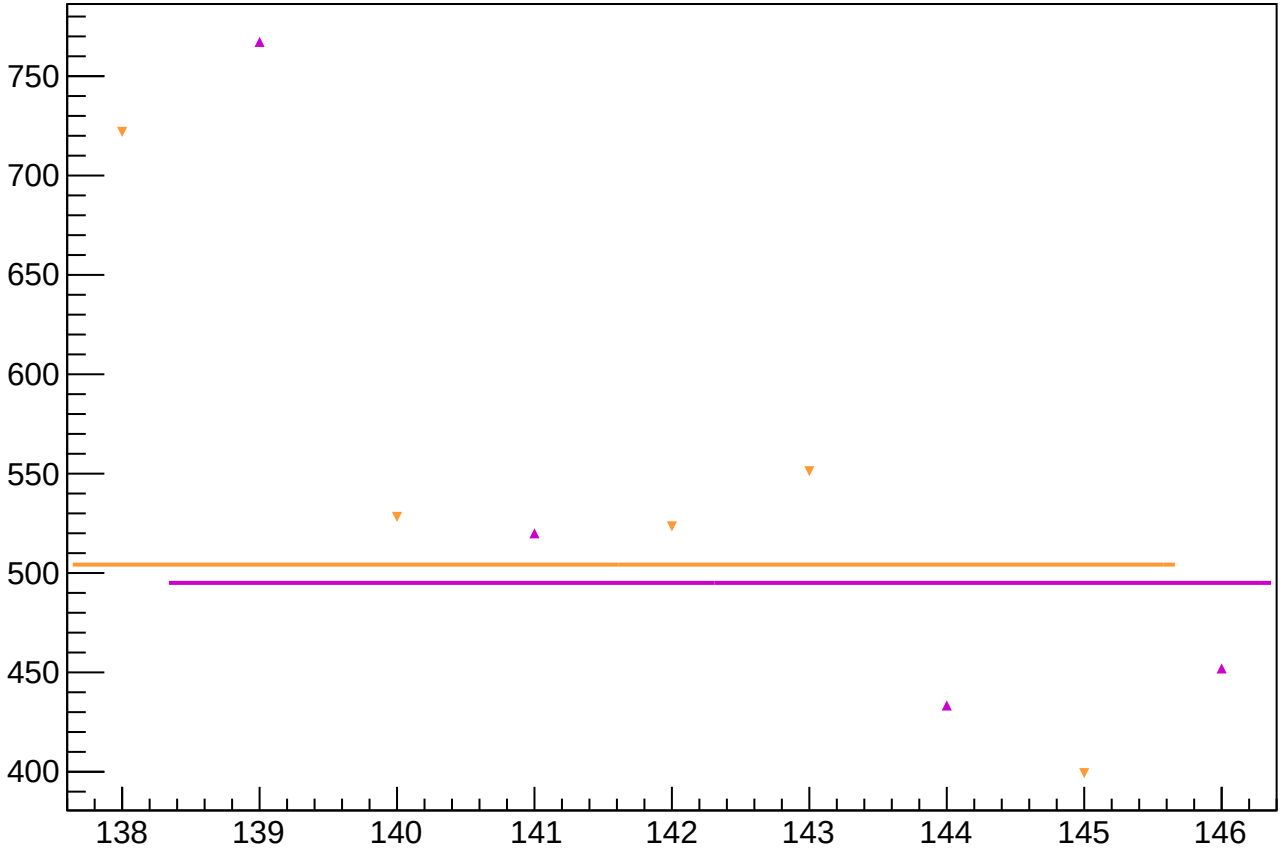
Left In: 268.308+/-279.263 χ^2/NDF:2.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 453.106+/-197.974 χ^2/NDF: 13.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_rms vs Slug



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

Left Out: 504.234+/-0.198 χ^2/NDF:249229.6/4

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

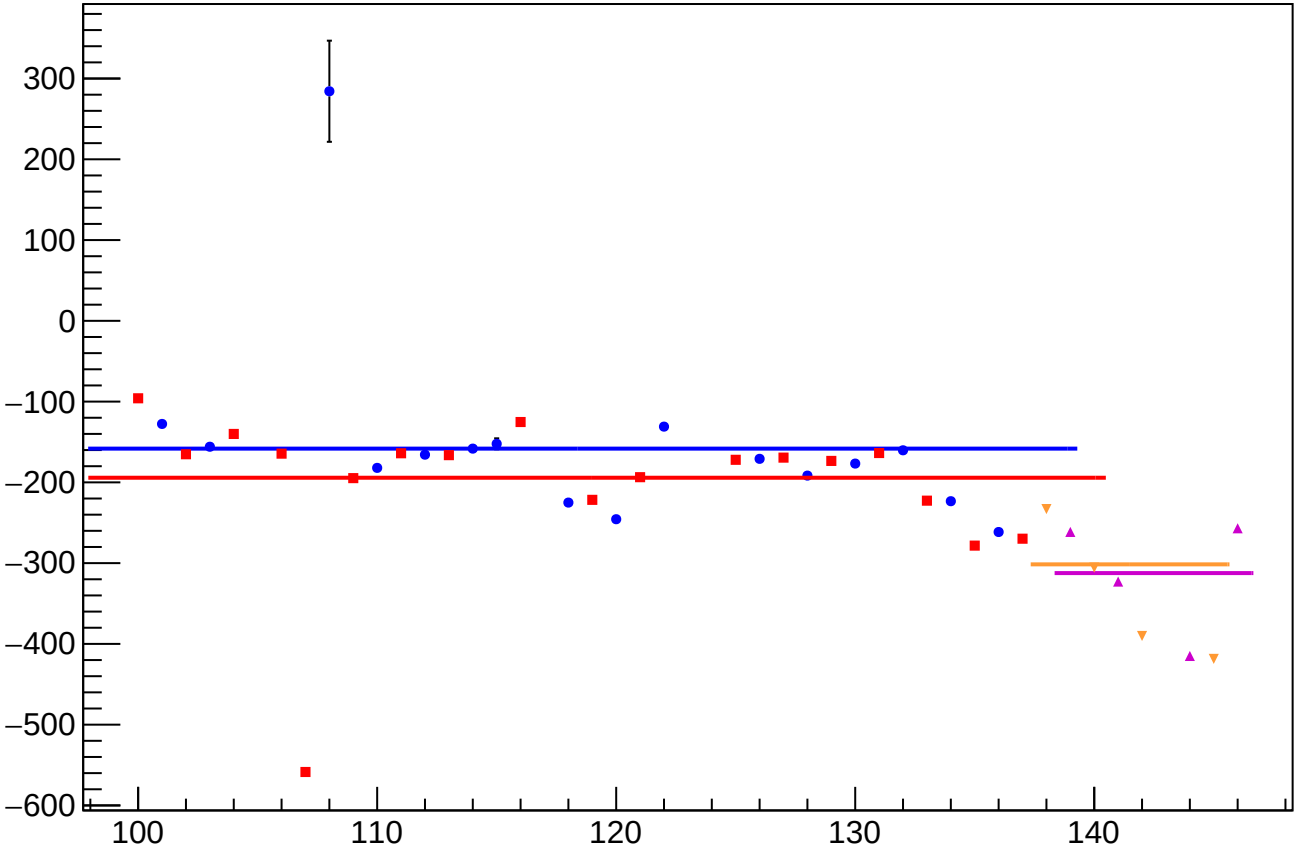
Left In: 495.041+/-0.197 χ^2/NDF:251831.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 499.614+/-0.140 χ^2/NDF: 502139.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -301.516+/-0.447 χ^2/NDF:14747.3/3

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

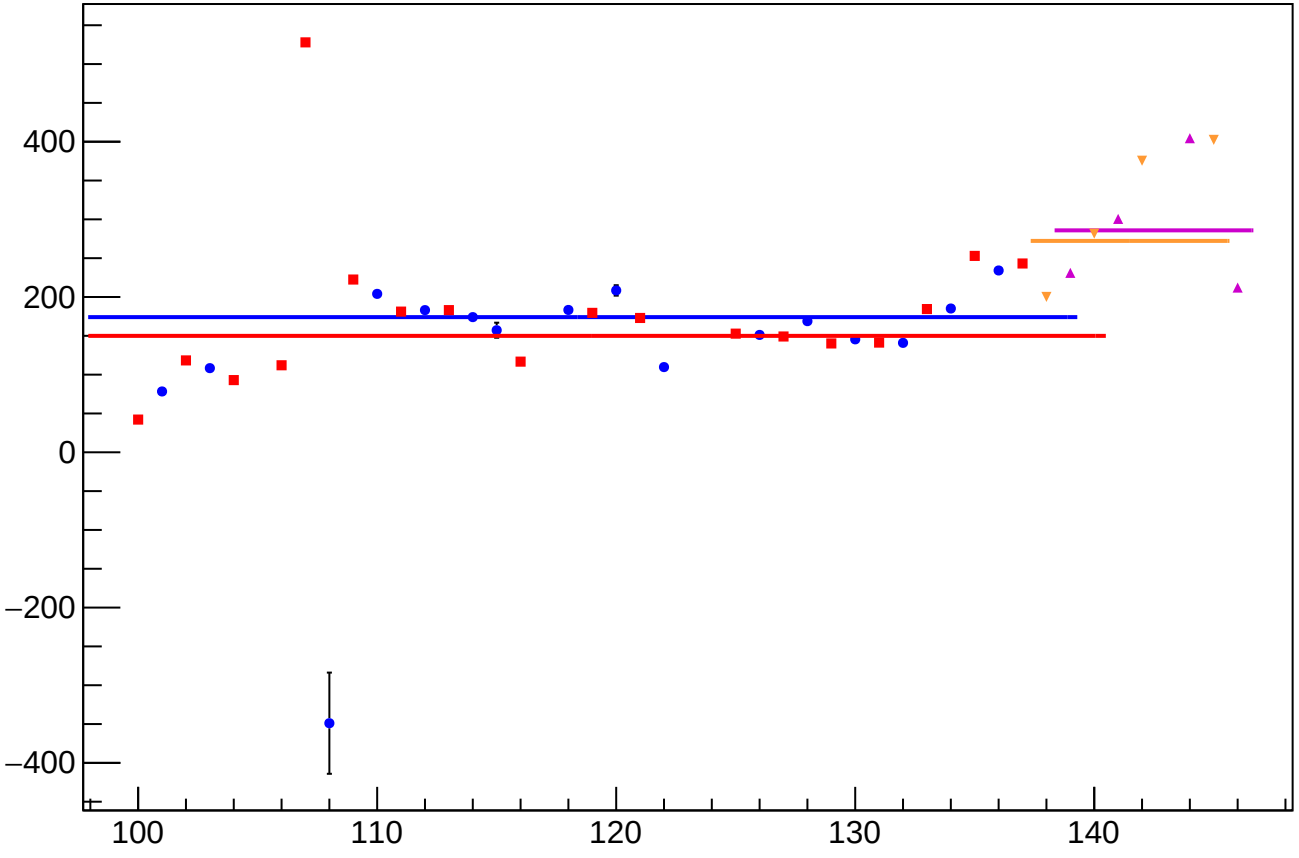
Left In: -312.329+/-0.342 χ^2/NDF:17602.6/3

+ sign -158.222+/-0.000 χ^2/NDF: 234504.8/19

All: -158.222+/-0.000 χ^2/NDF: 678846.7/41

- sign -216.546+/-0.149 χ^2/NDF: 290601.7/21

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 272.249+/-0.480 χ^2/NDF:15818.2/3

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

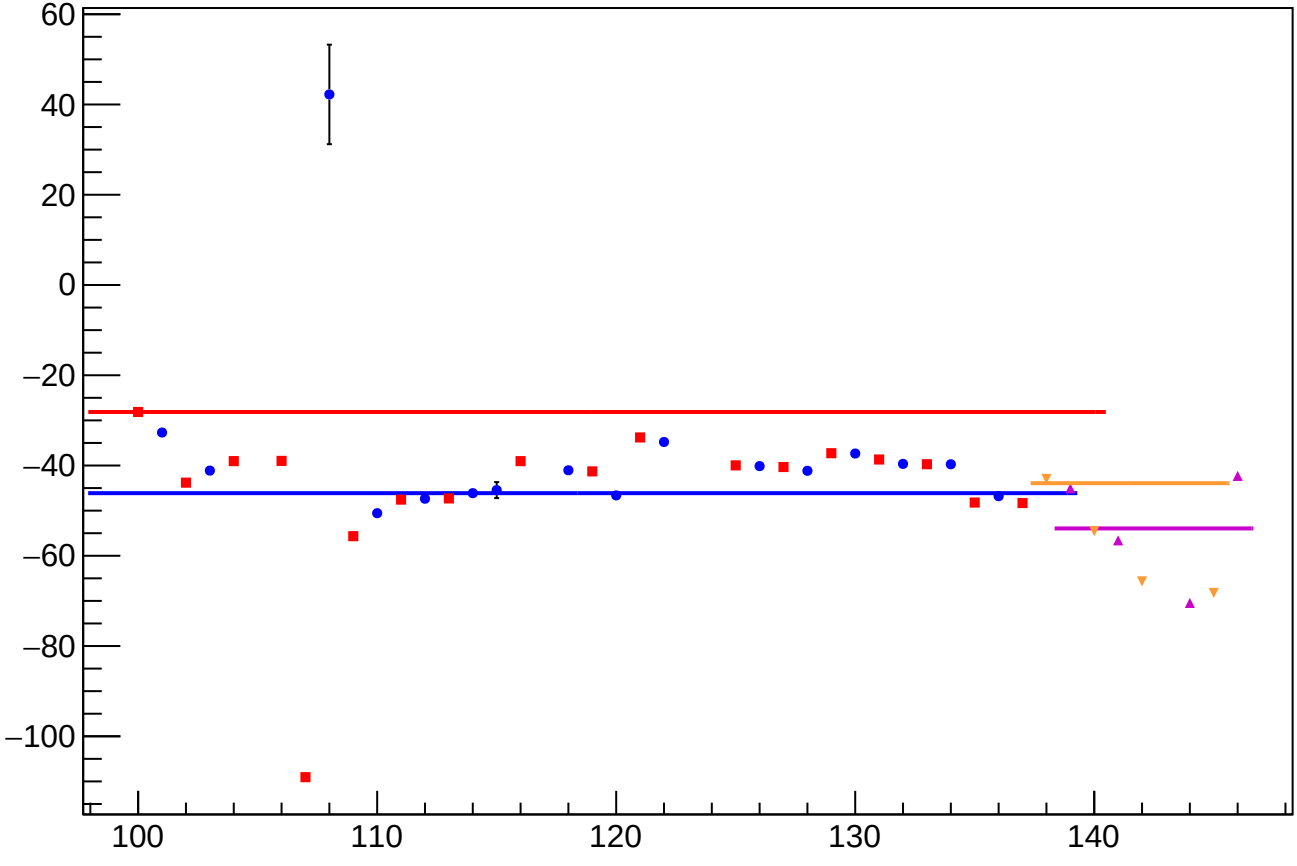
Left In: 285.831+/-0.366 χ^2/NDF:20206.2/3

+ sign 174.085+/-0.000 χ^2/NDF: 111060.9/19

All: 174.085+/-0.000 χ^2/NDF: 407492.7/41

- sign 180.102+/-0.172 χ^2/NDF: 295214.8/21

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -43.917+/-0.018 χ^2/NDF:44470.7/3

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

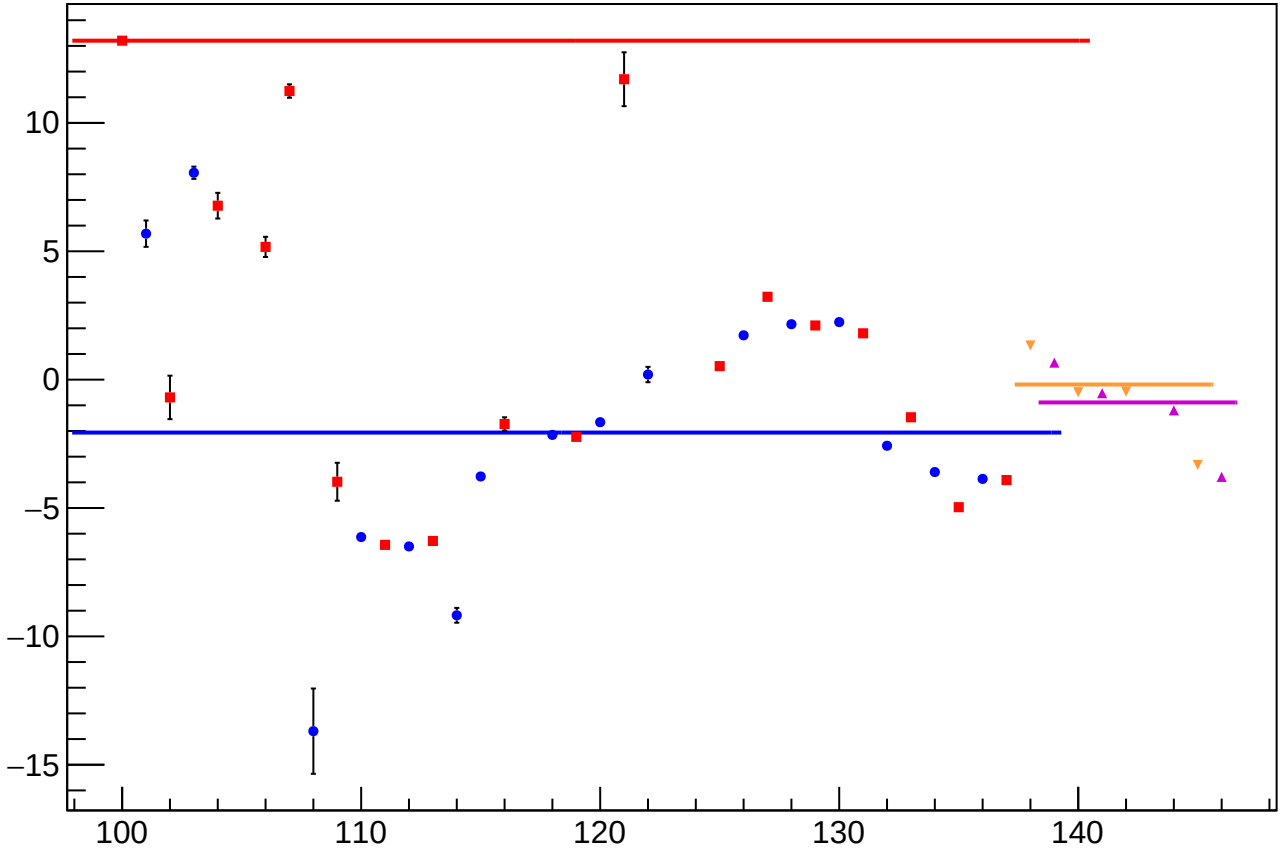
Left In: -53.943+/-0.040 χ^2/NDF:33221.8/3

+ sign -46.126+/-0.000 χ^2/NDF: 260684.0/19

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 1198837.5/21

dit_usl_4aY_slope vs Slug



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -0.189+/-0.025 χ^2/NDF:2012.0/3

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

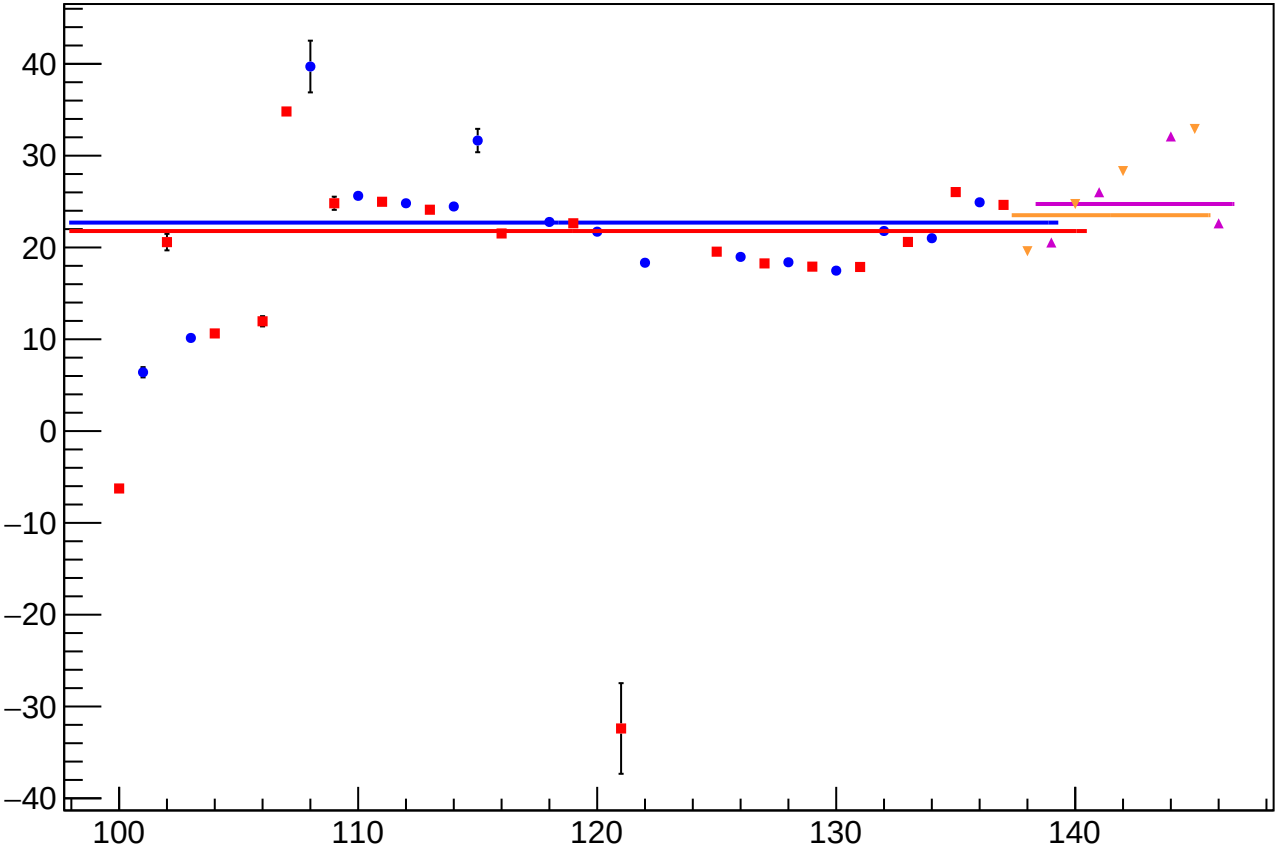
Left In: -0.888+/-0.020 χ^2/NDF:4674.9/3

+ sign -1.435+/-0.015 χ^2/NDF: 31367.8/19

All: 13.204+/-0.000 χ^2/NDF: 2070230.1/41

- sign 13.204+/-0.000 χ^2/NDF: 1025062.6/21

dit_usl_4eY_slope vs Slug



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 23.516+/-0.045 χ^2/NDF:6925.2/3

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

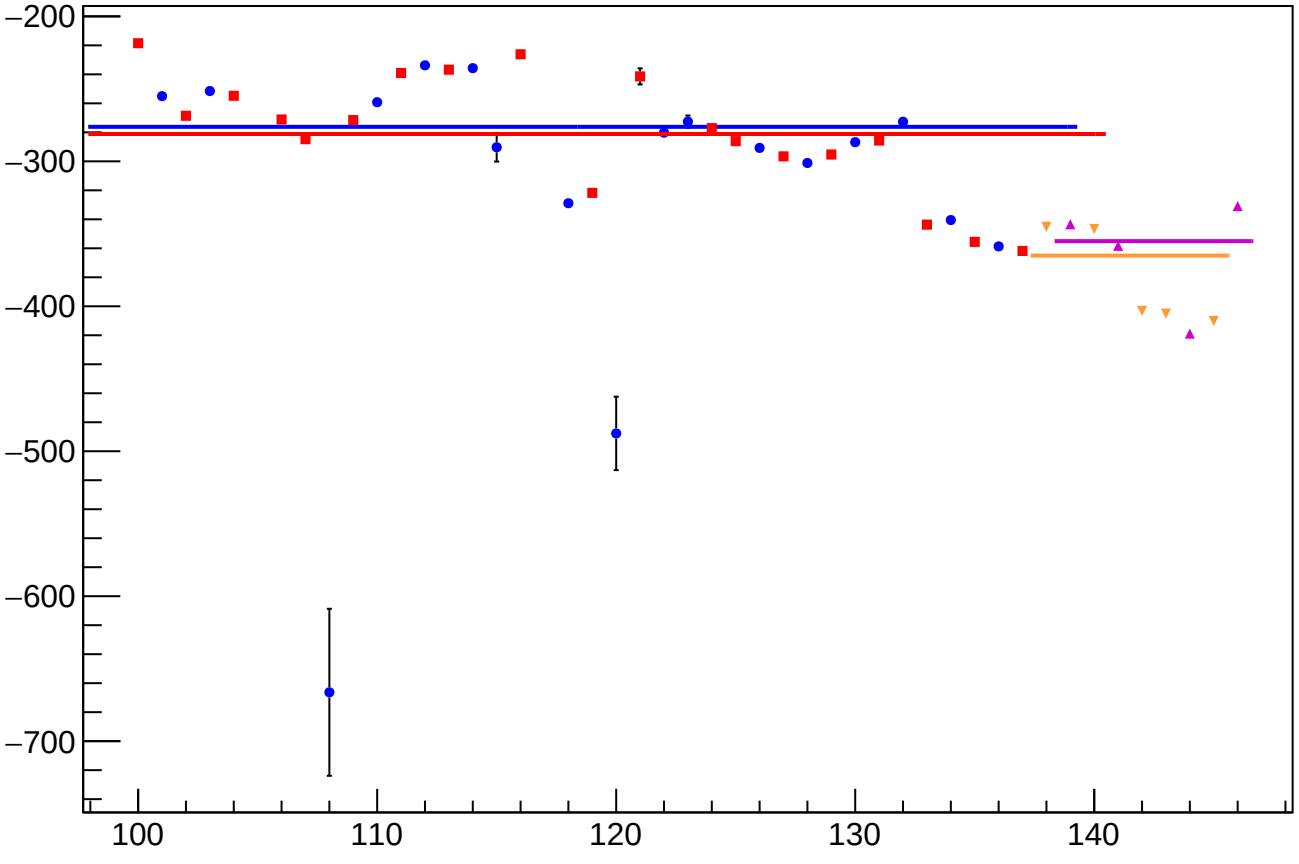
Left In: 24.736+/-0.035 χ^2/NDF:8447.9/3

+ sign 22.830+/-0.017 χ^2/NDF: 29967.4/19

All: 22.714+/-0.013 χ^2/NDF: 70222.8/41

- sign 22.583+/-0.018 χ^2/NDF: 40159.3/21

dit_usr_4aX_slope vs Slug



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -365.039+/-0.295 χ^2/NDF:8742.8/4

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

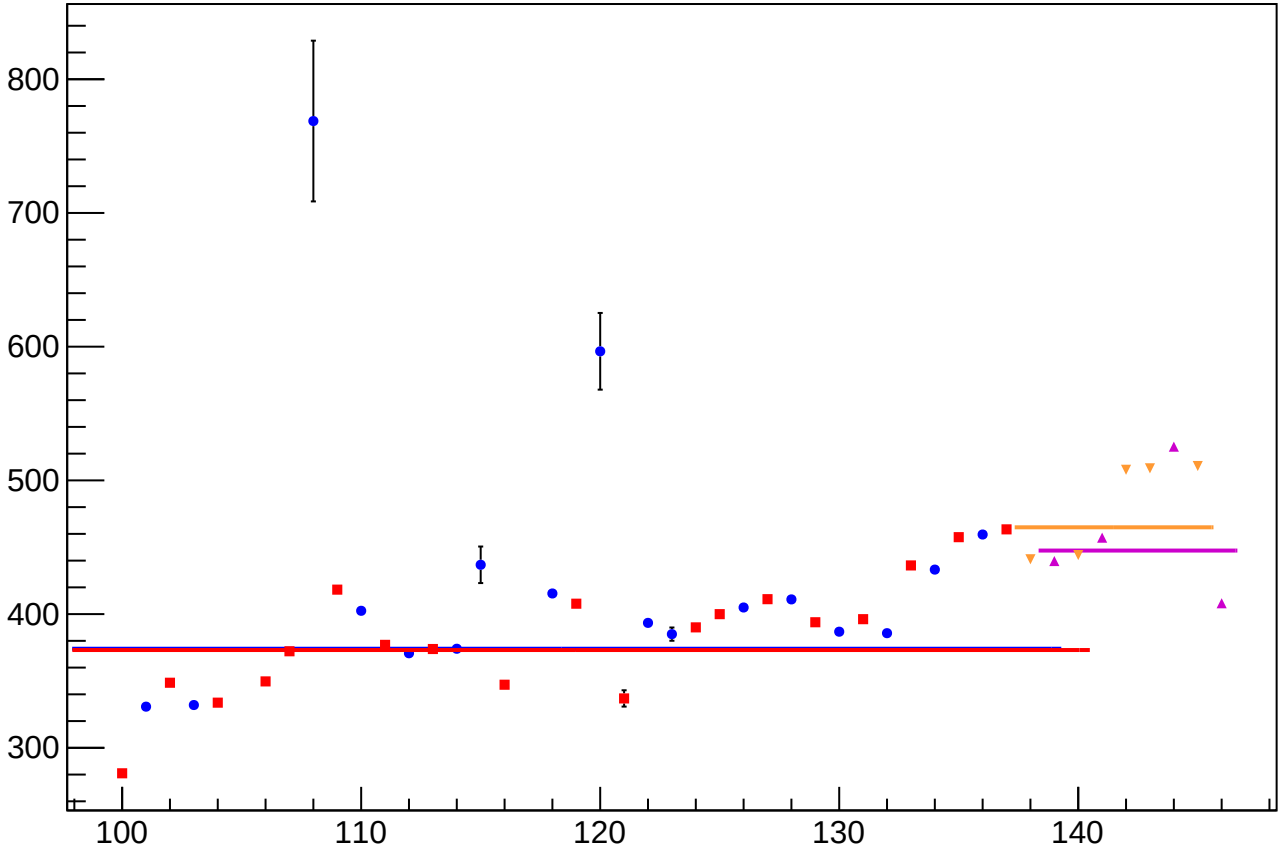
Left In: -355.047+/-0.217 χ^2/NDF:14527.4/3

+ sign -297.691+/-0.145 χ^2/NDF: 135661.7/21

All: -301.650+/-0.093 χ^2/NDF: 308172.4/44

- sign -304.455+/-0.122 χ^2/NDF: 171237.8/22

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 464.909+/-0.317 χ^2/NDF:9802.6/4

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

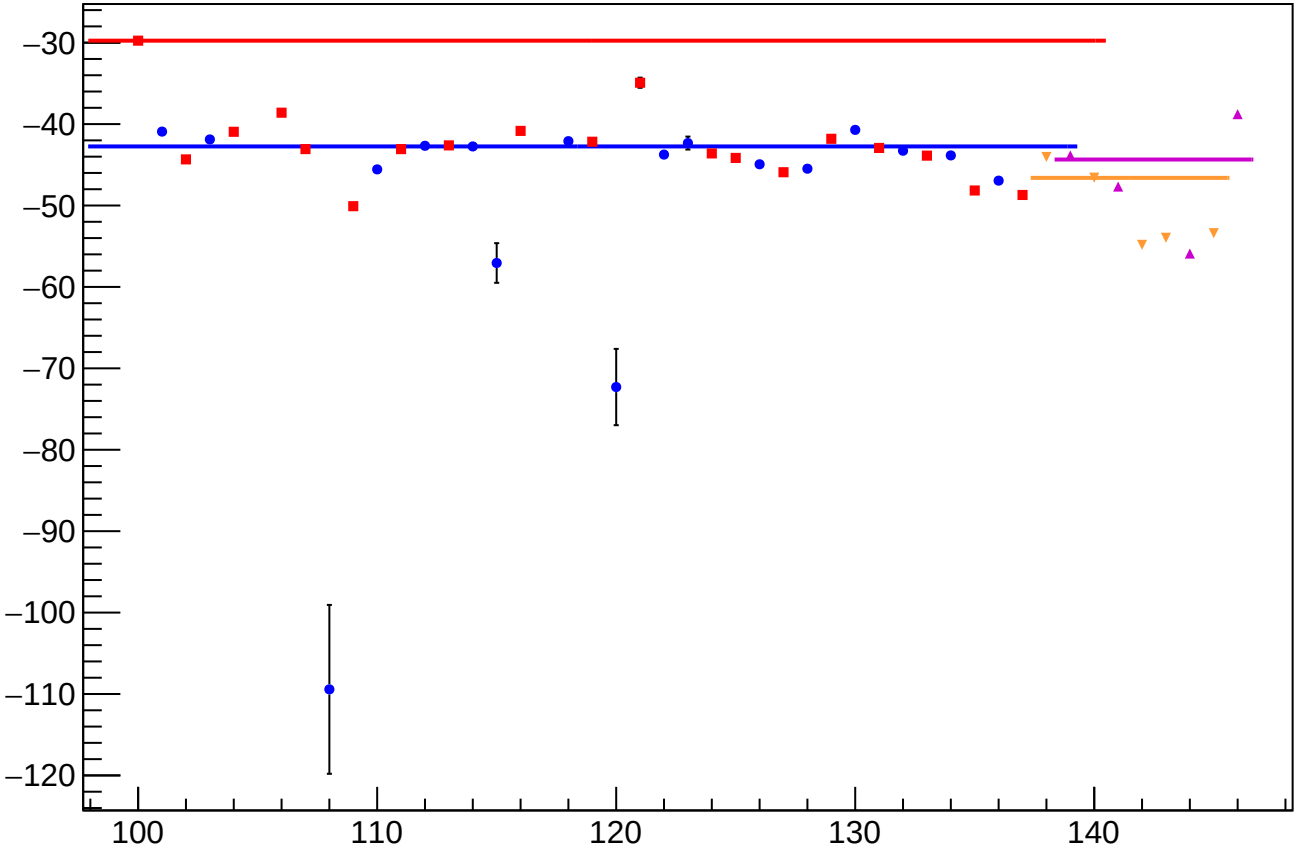
Left In: 447.522+/-0.229 χ^2/NDF:19471.8/3

+ sign 374.094+/-0.000 χ^2/NDF: 127006.6/21

All: 374.094+/-0.000 χ^2/NDF: 357205.2/44

- sign 397.060+/-0.130 χ^2/NDF: 199032.0/22

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -46.606+/-0.020 χ^2/NDF:40710.5/4

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

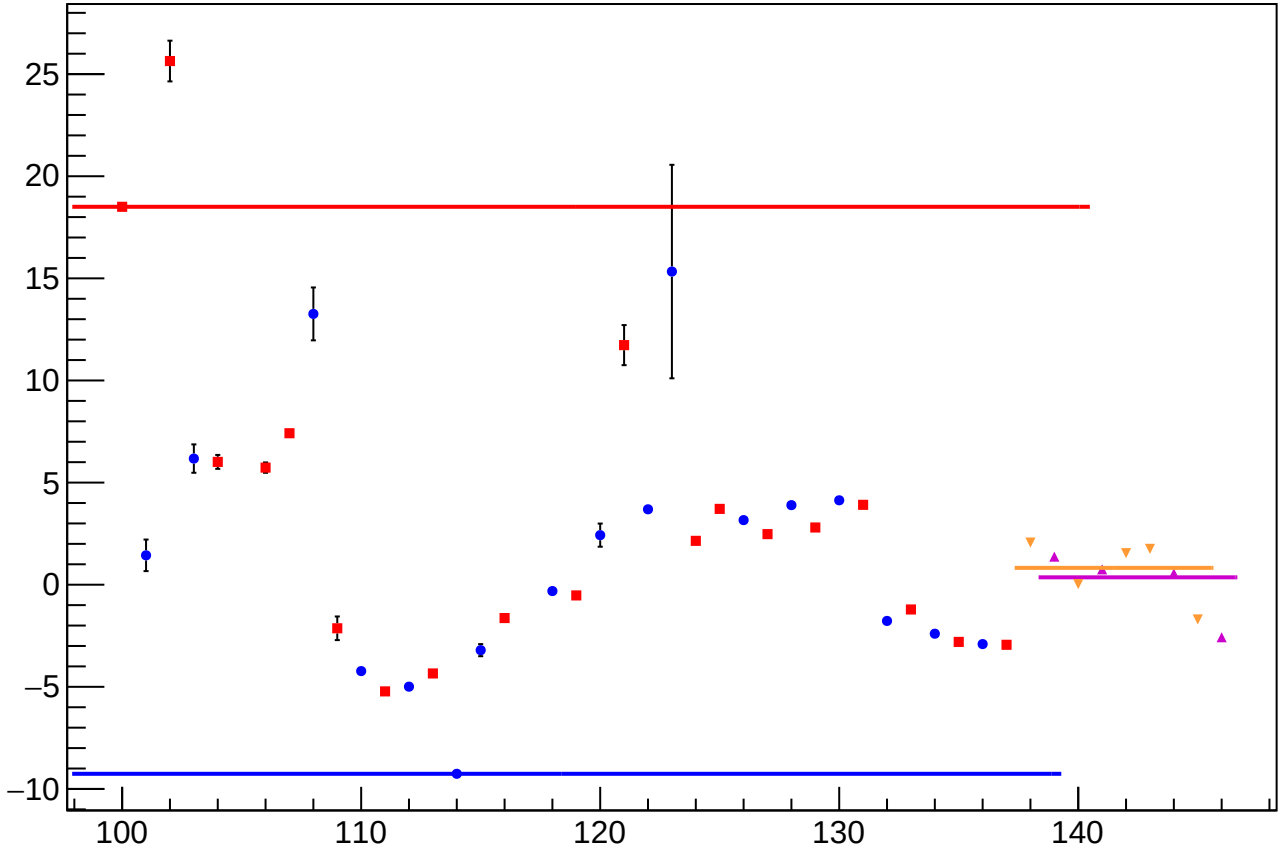
Left In: -44.352+/-0.020 χ^2/NDF:31099.1/3

+ sign -42.744+/-0.000 χ^2/NDF: 90201.3/21

All: -38.159+/-0.000 χ^2/NDF: 129765212680

- sign -29.754+/-0.000 χ^2/NDF: 1050535.8/22

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 0.825+/-0.018 χ^2/NDF:3736.8/4

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

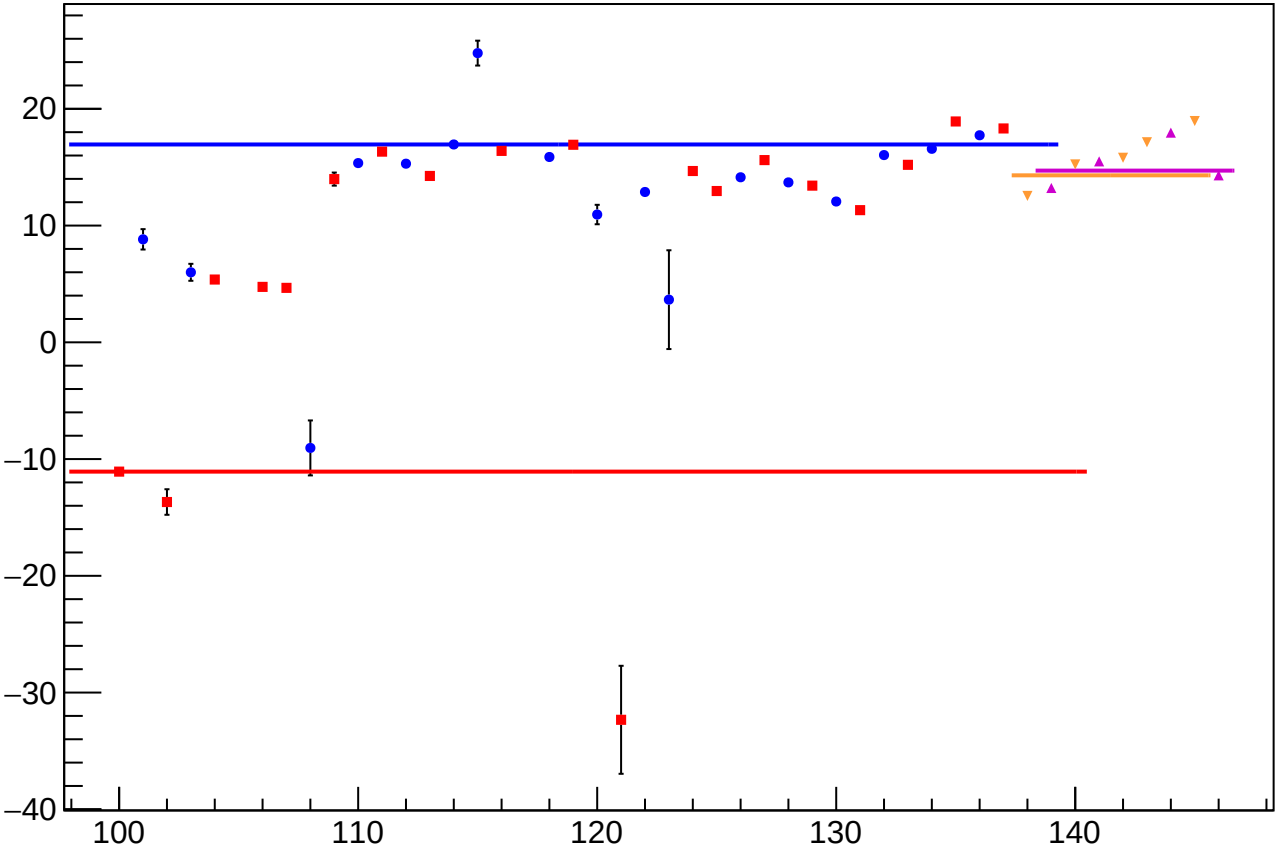
Left In: 0.361+/-0.018 χ^2/NDF:4657.7/3

+ sign -9.259+/-0.000 χ^2/NDF: 730182.3/21

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 8442646.8/22

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 14.303+/-0.020 χ^2/NDF:8254.9/4

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

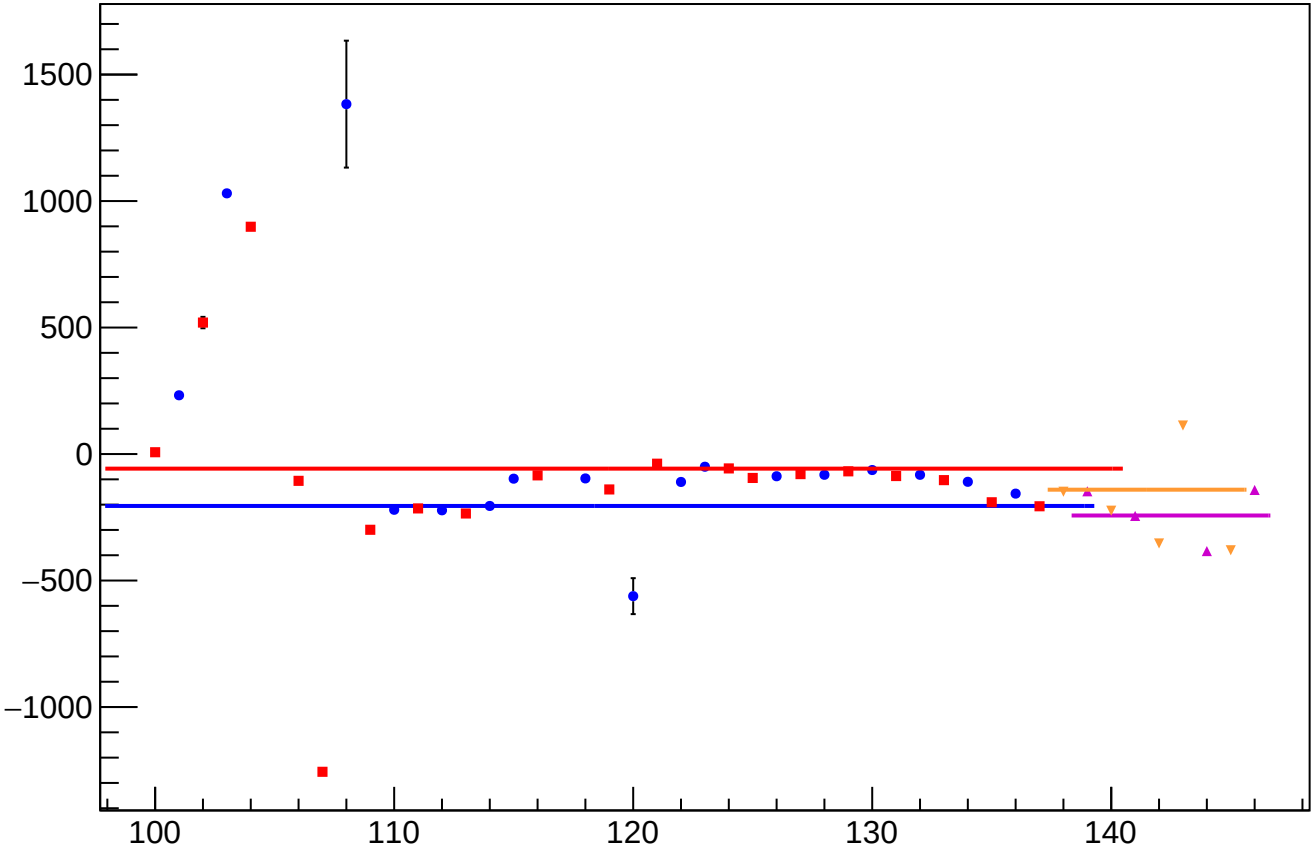
Left In: 14.708+/-0.026 χ^2/NDF:3146.2/3

+ sign 16.947+/-0.000 χ^2/NDF: 37001.7/21

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 3727997.2/22

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -140.895+/-0.550 χ^2/NDF:40888.4/4

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

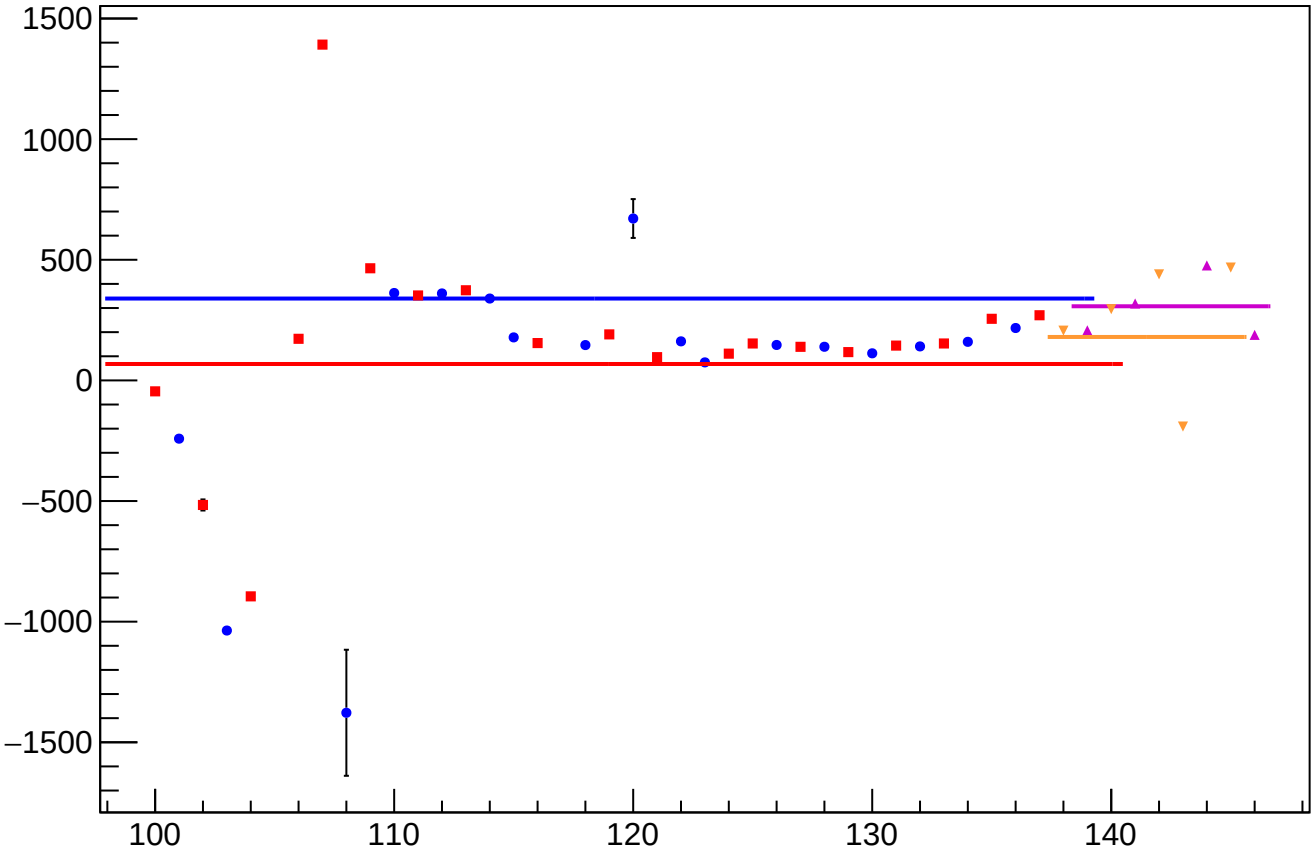
Left In: -242.908+/-0.690 χ^2/NDF:17723.8/3

+ sign -205.160+/-0.000 χ^2/NDF: 637294.2/21

All: -205.160+/-0.000 χ^2/NDF: 1043758.7/44

- sign -84.420+/-0.262 χ^2/NDF: 194258.4/22

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 180.062+/-0.566 χ^2/NDF:76560.5/4

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

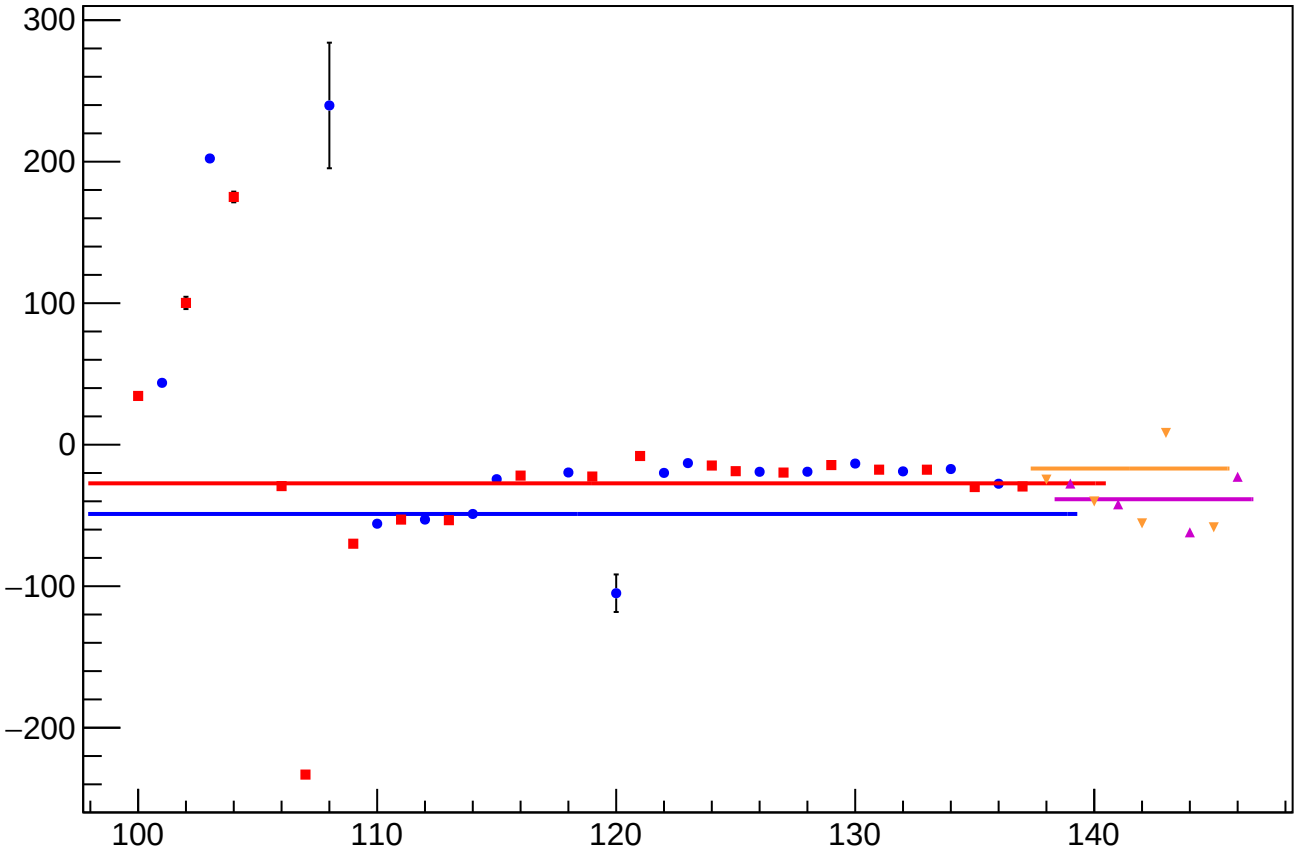
Left In: 307.291+/-0.742 χ^2/NDF:19087.7/3

+ sign 339.325+/-0.000 χ^2/NDF: 1186280.8/21

All: 339.325+/-0.000 χ^2/NDF: 2378915.3/44

- sign 99.023+/-0.267 χ^2/NDF: 382045.1/22

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -16.842+/-0.021 χ^2/NDF:527483.2/4

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

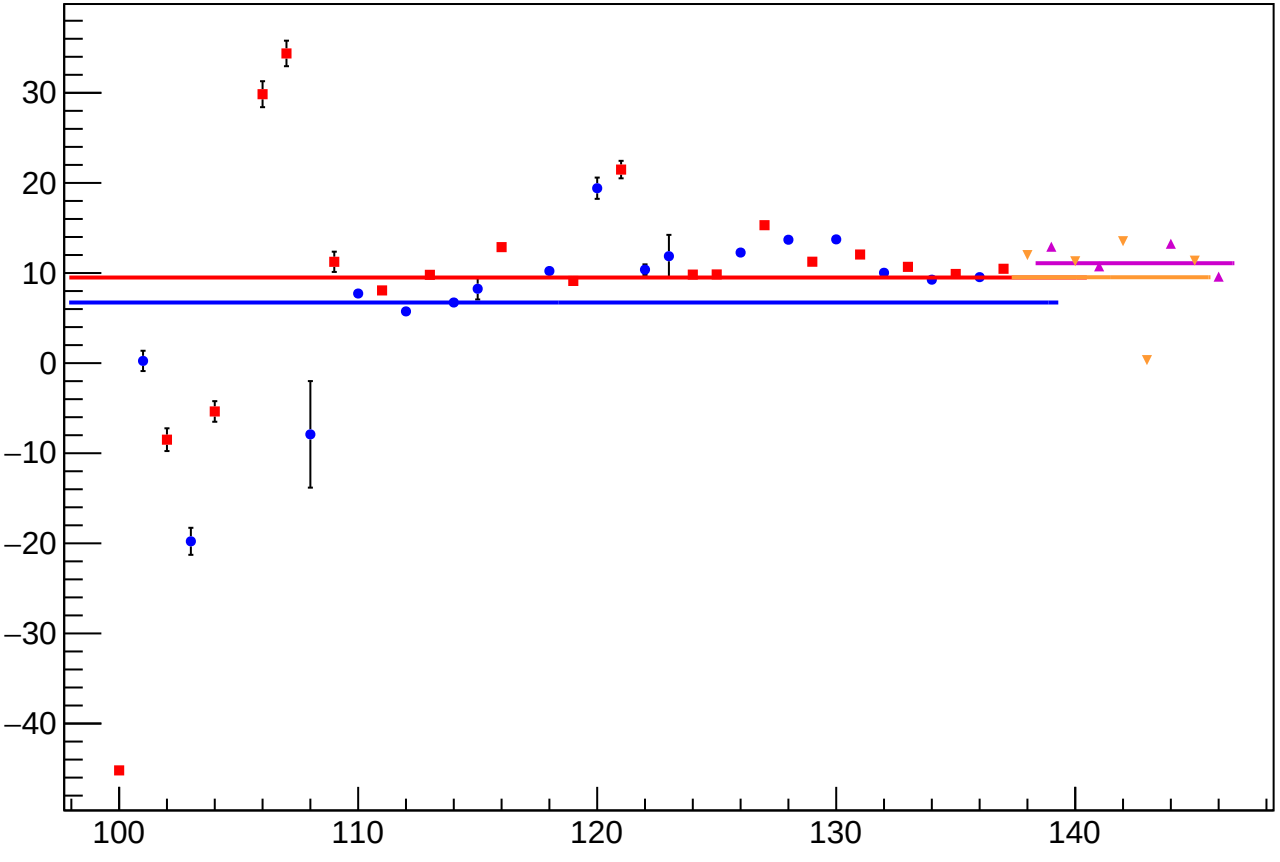
Left In: -38.538+/-0.059 χ^2/NDF:27812.1/3

+ sign -48.945+/-0.000 χ^2/NDF: 8260917.8/21

All: -48.945+/-0.000 χ^2/NDF: 8662553.7/44

- sign -32.143+/-0.039 χ^2/NDF: 216037.7/22

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.533+/-0.035 χ^2/NDF:20365.8/4

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

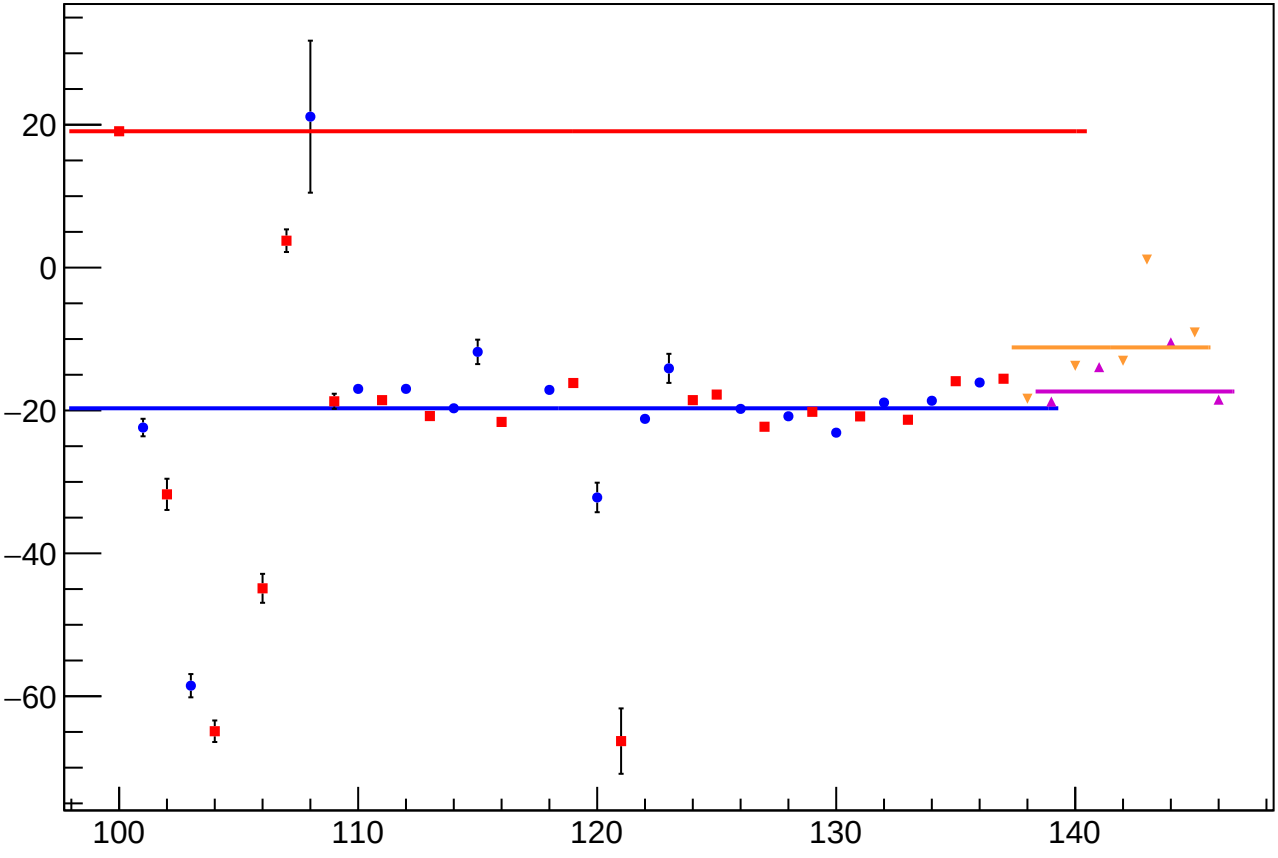
Left In: 11.090+/-0.035 χ^2/NDF:1983.5/3

+ sign 6.728+/-0.000 χ^2/NDF: 40722.2/21

All: 6.728+/-0.000 χ^2/NDF: 90870.5/44

- sign 10.303+/-0.025 χ^2/NDF: 29808.4/22

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -11.170+/-0.050 χ^2/NDF:16889.5/4

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

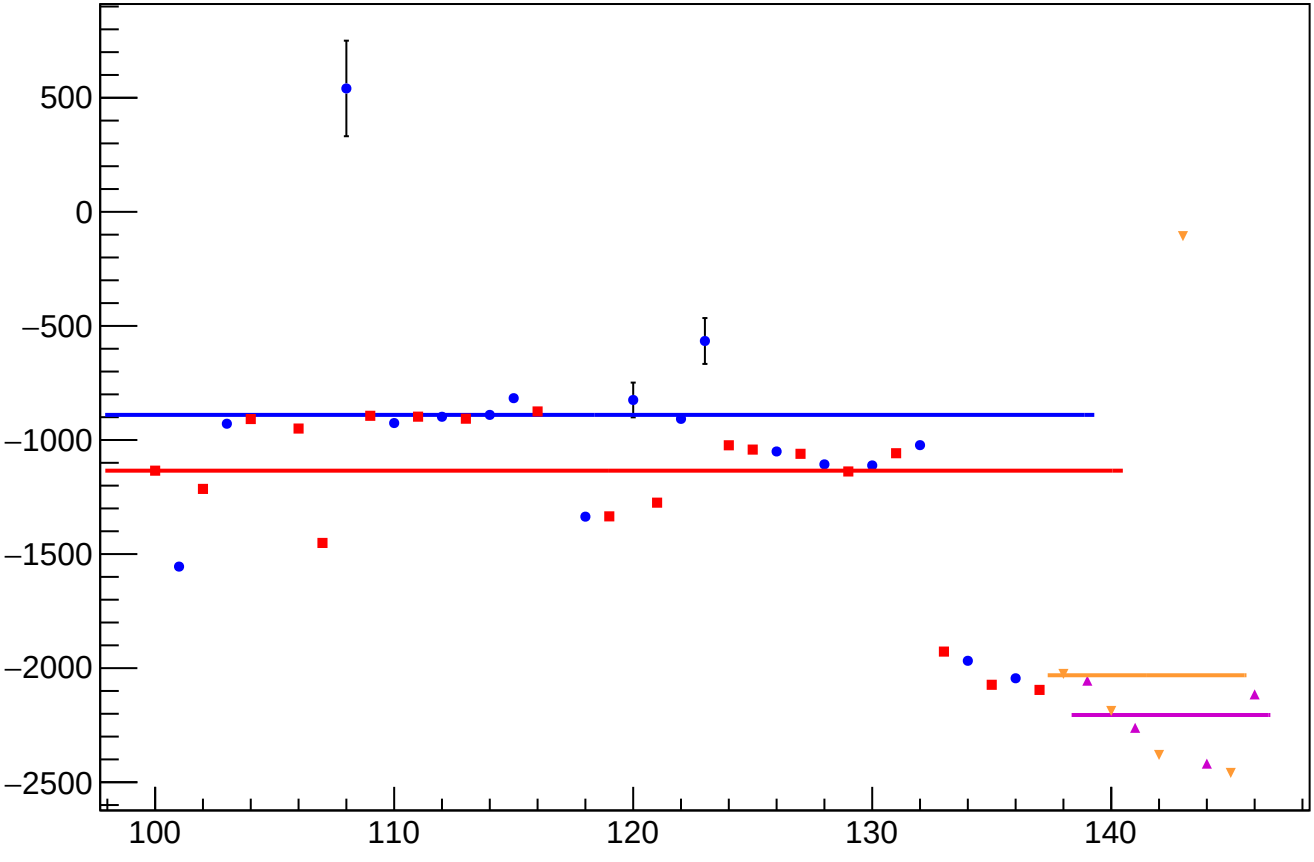
Left In: -17.343+/-0.043 χ^2/NDF:3468.0/3

+ sign -19.693+/-0.000 χ^2/NDF: 53829.3/21

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 1327355.7/22

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -2031.170+/-1.172 χ^2/NDF:253941.6/4

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

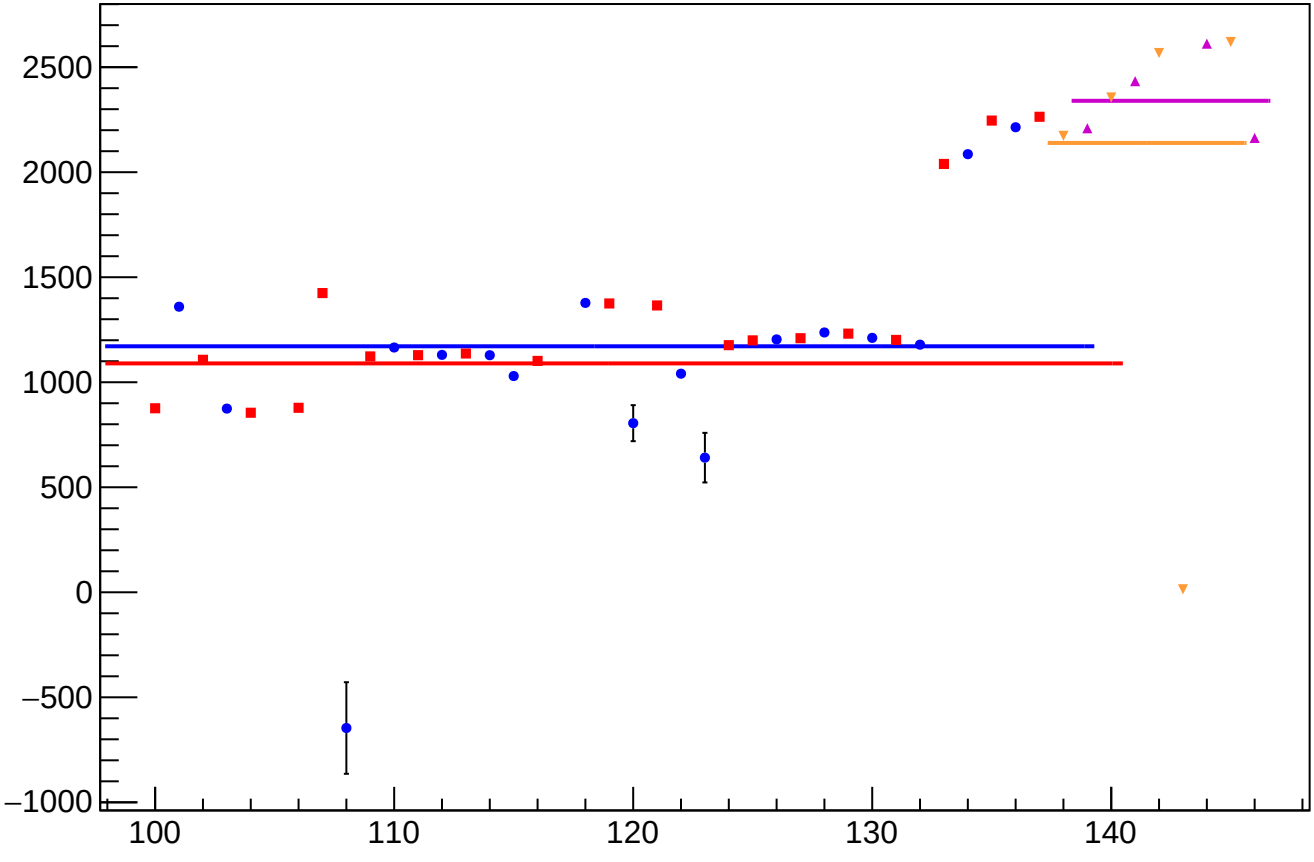
Left In: -2205.327+/-1.003 χ^2/NDF:21098.6/3

+ sign -889.928+/-0.000 χ^2/NDF: 1978268.1/21

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 1895625.0/22

dit_atl2_4eX_slope vs Slug



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2139.278+/-1.239 χ^2/NDF:295441.3/4

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

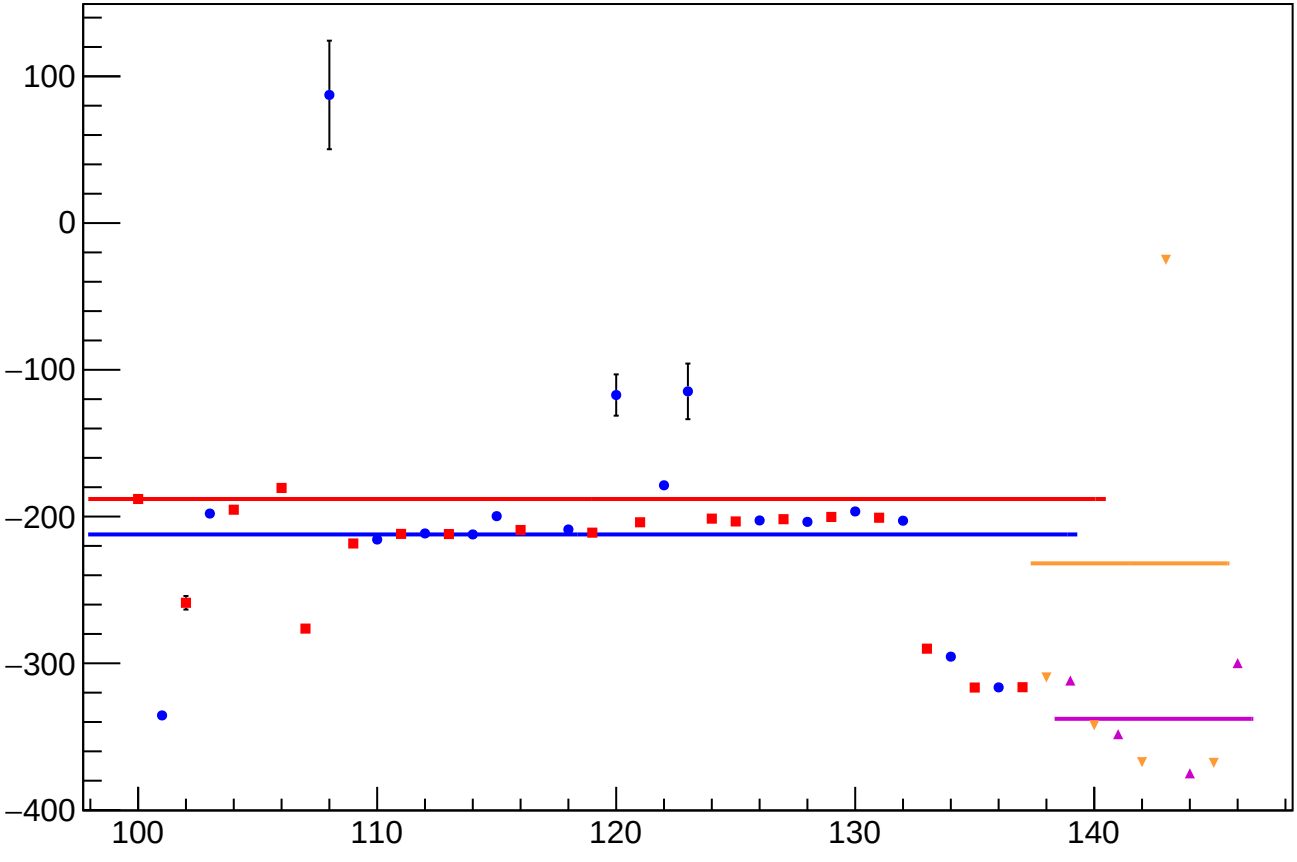
Left In: 2339.899+/-1.085 χ^2/NDF:26041.7/3

+ sign 1207.716+/-0.241 χ^2/NDF: 1391770.6/21

All: 1181.738+/-0.172 χ^2/NDF: 3801731.8/44

- sign 1154.428+/-0.247 χ^2/NDF: 2386067.3/22

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -231.898+/-0.060 χ^2/NDF:4905487.5/4

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

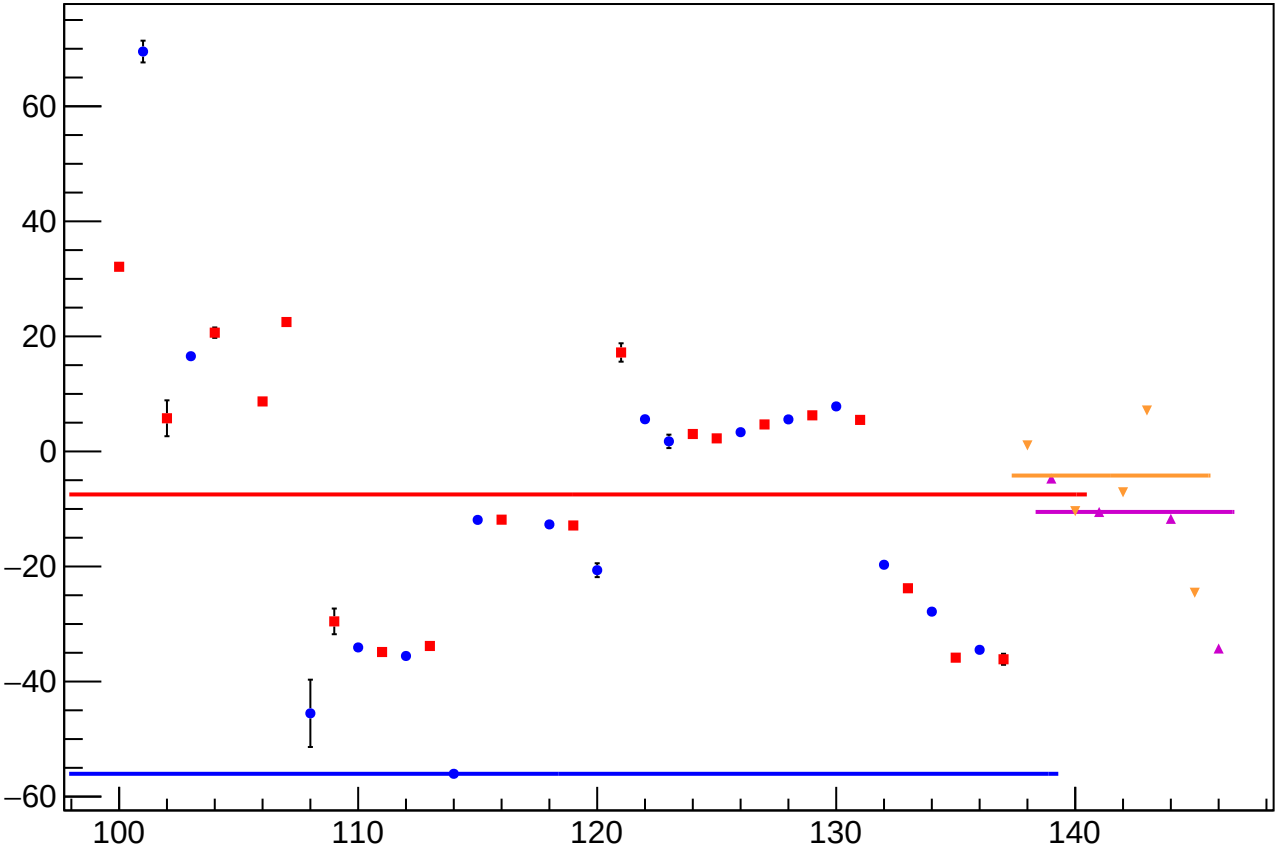
Left In: -337.838+/-0.094 χ^2/NDF:53410.7/3

+ sign -212.190+/-0.000 χ^2/NDF: 6164005.4/21

All: -195.625+/-0.000 χ^2/NDF: 1362230362

- sign -188.033+/-0.000 χ^2/NDF: 3206000.1/22

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -4.190+/-0.092 χ^2/NDF:8676.8/4

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

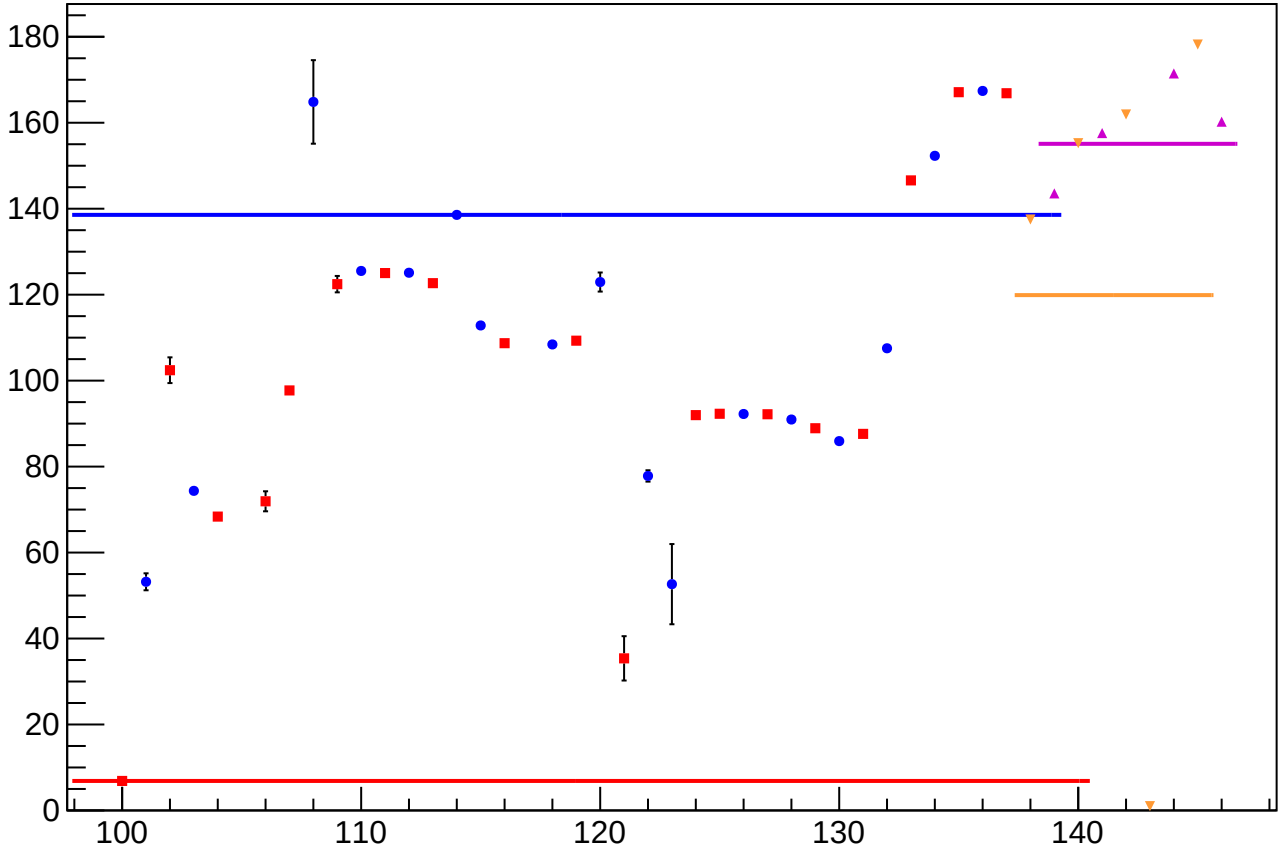
Left In: -10.516+/-0.074 χ^2/NDF:5975.0/3

+ sign -56.037+/-0.000 χ^2/NDF: 1911458.0/21

All: -56.037+/-0.000 χ^2/NDF: 3792750.9/44

- sign -8.218+/-0.037 χ^2/NDF: 181136.0/22

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 119.896+/-0.126 χ^2/NDF:268308.7/4

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

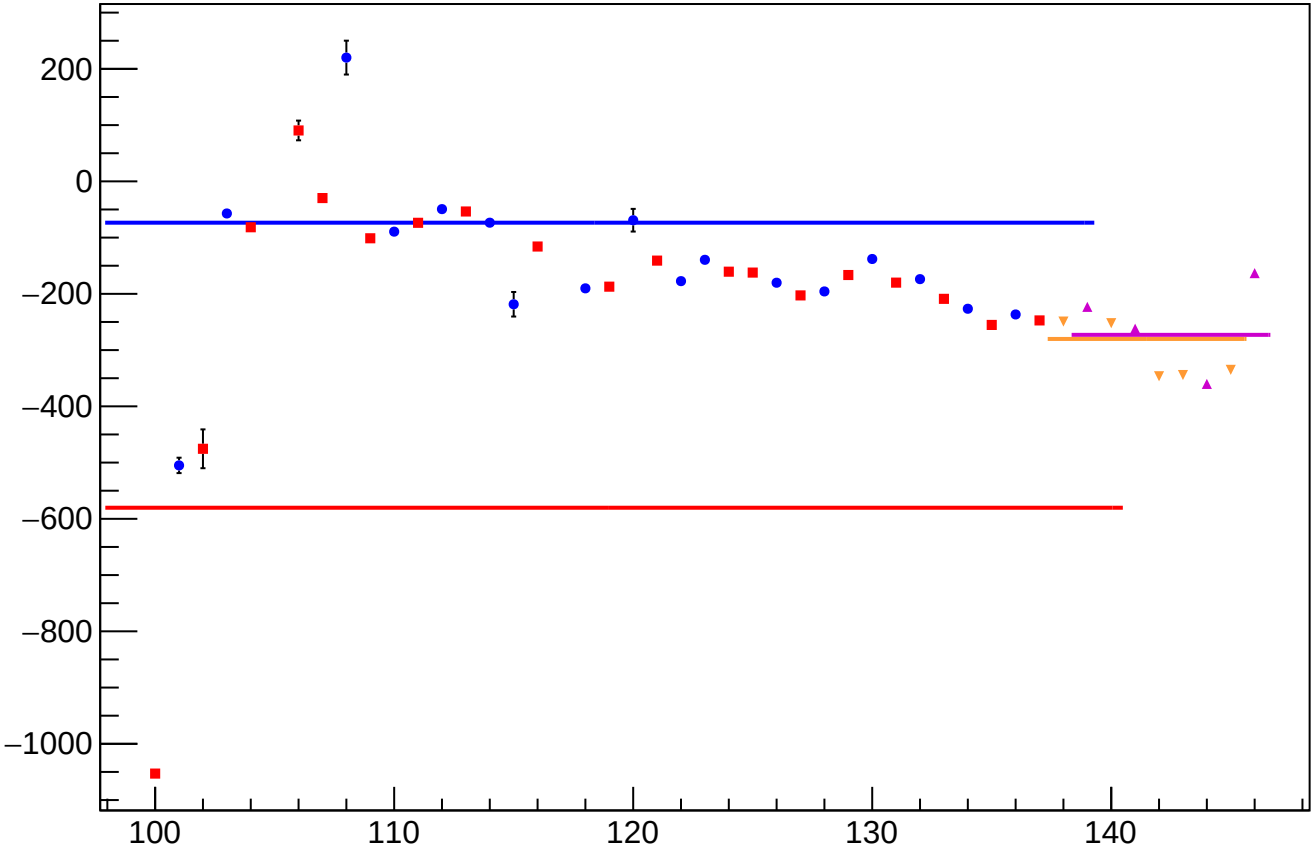
Left In: 155.093+/-0.091 χ^2/NDF:7625.0/3

+ sign 138.565+/-0.000 χ^2/NDF: 1191459.6/21

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 10686434.9/22

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -280.189+/-0.488 χ^2/NDF:7998.2/4

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

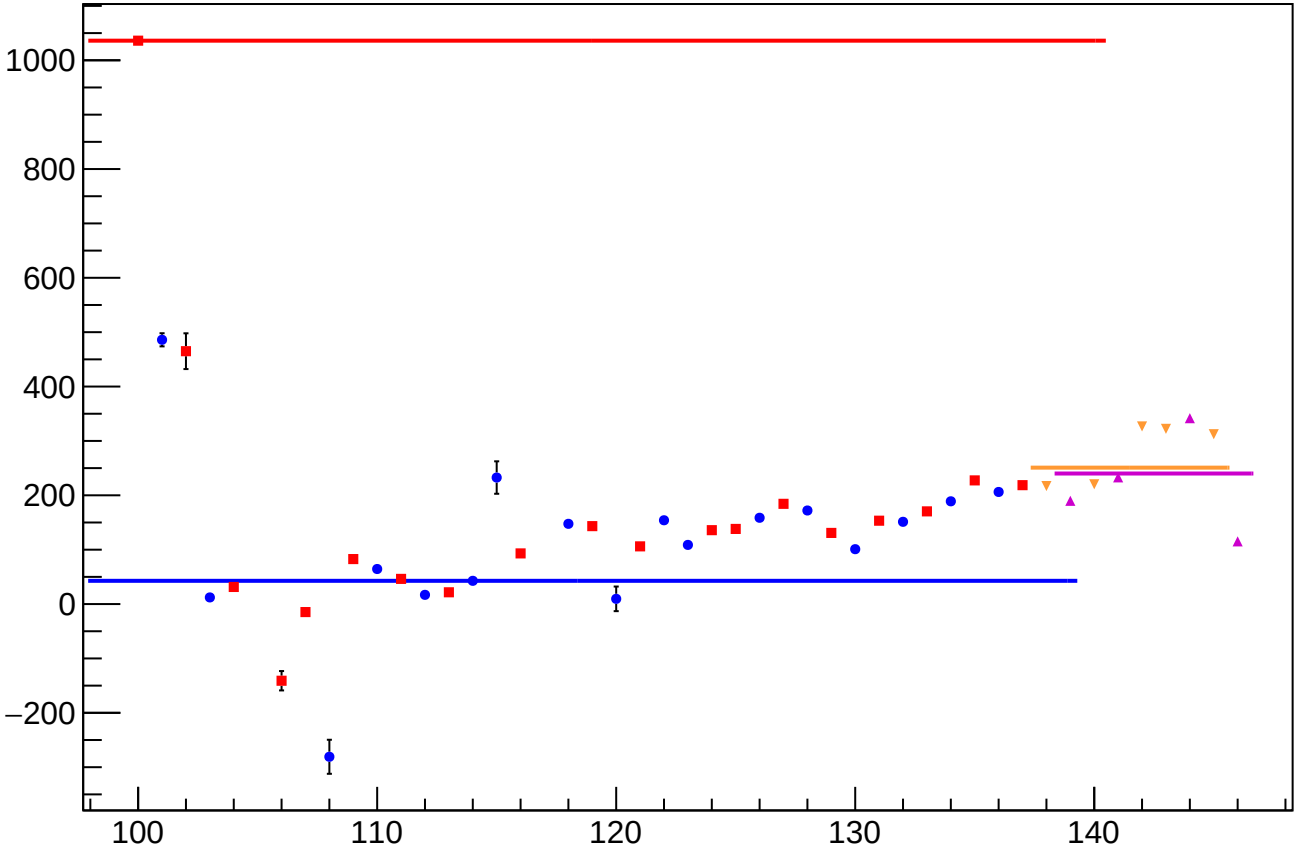
Left In: -272.898+/-0.529 χ^2/NDF:12204.1/3

+ sign -73.485+/-0.000 χ^2/NDF: 286414.9/21

All: -73.485+/-0.000 χ^2/NDF: 7243913.4/44

- sign -520.178+/-0.234 χ^2/NDF: 3315035.7/22

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 250.878+/-0.510 χ^2/NDF:9014.5/4

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

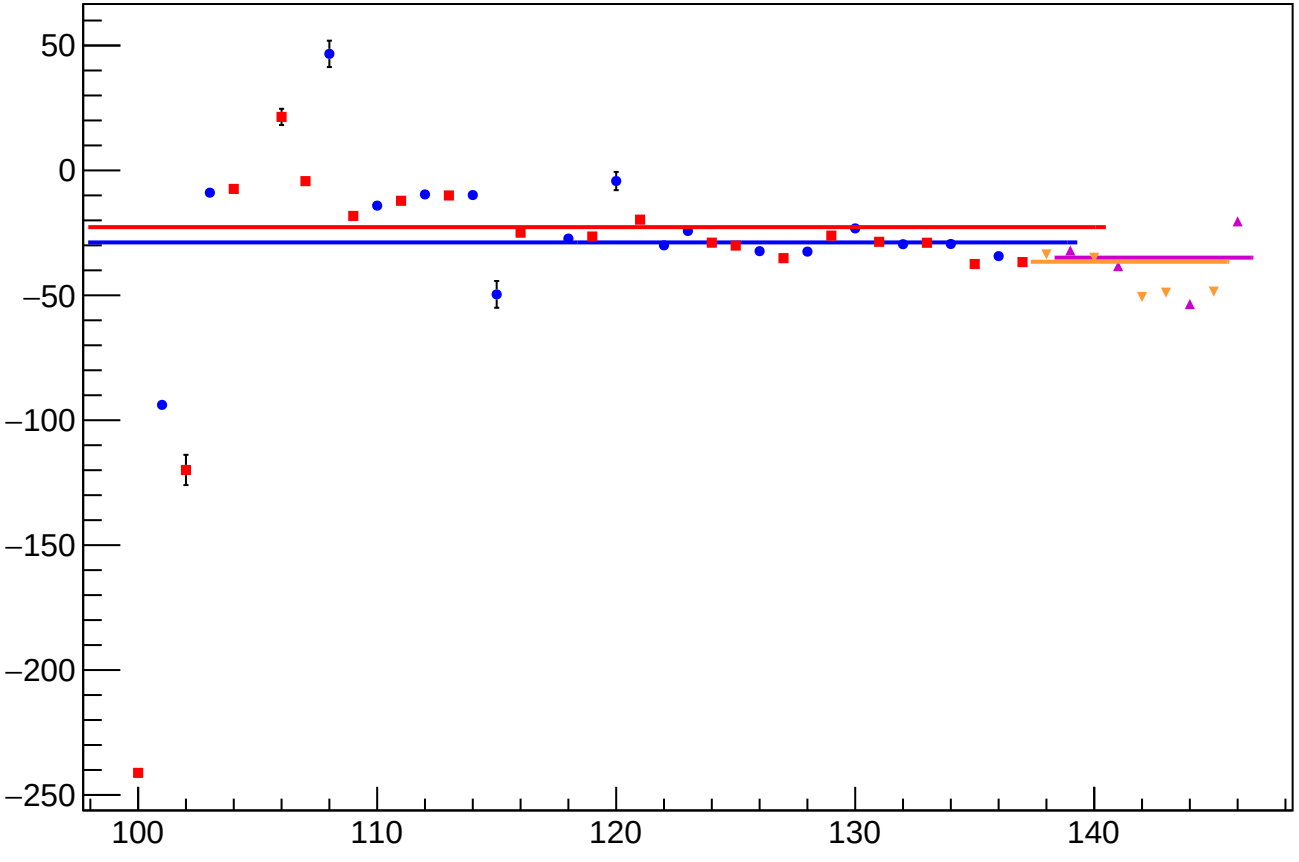
Left In: 240.072+/-0.557 χ^2/NDF:13608.8/3

+ sign 42.743+/-0.000 χ^2/NDF: 260143.3/21

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 6988030.9/22

dit_atr1_11X12X_slope vs Slug



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -36.561+/-0.032 χ^2/NDF:34384.0/4

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

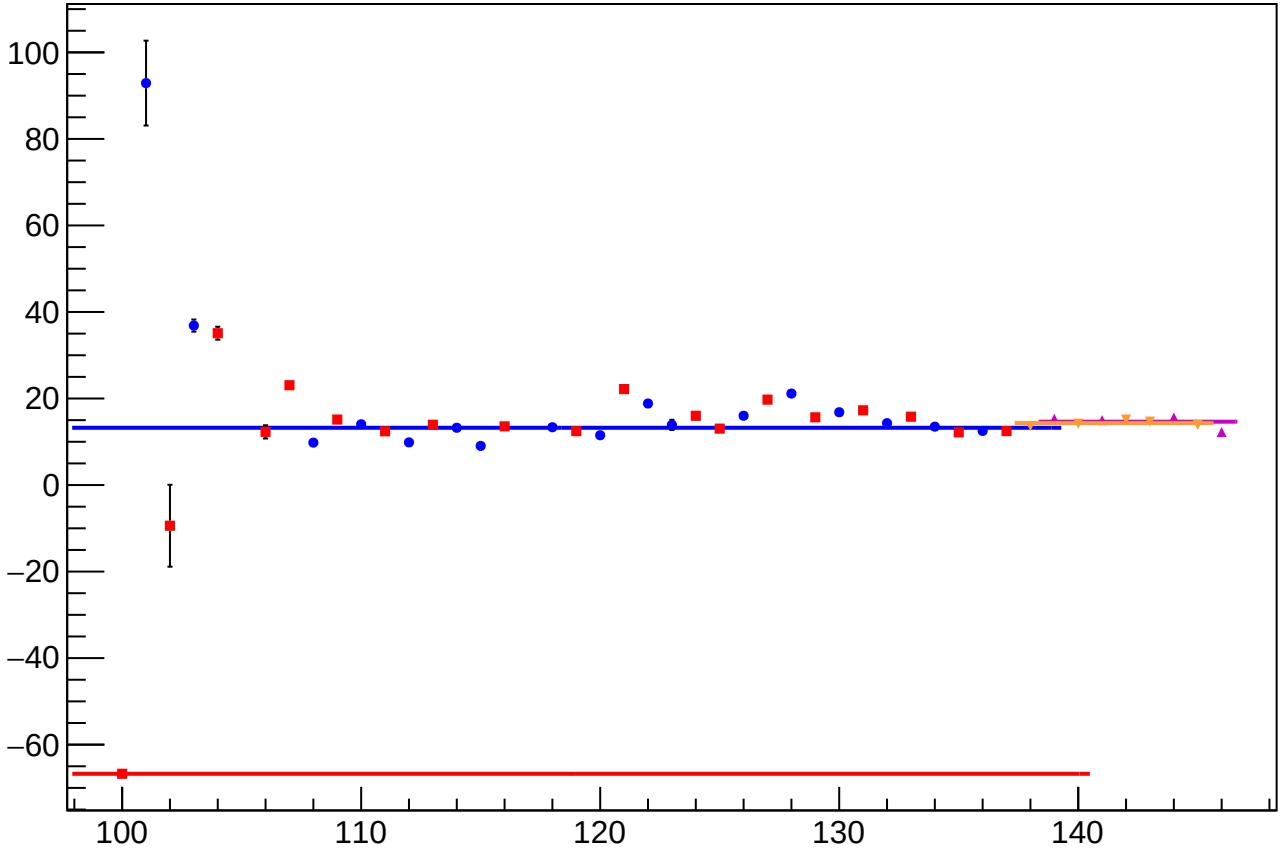
Left In: -34.918+/-0.041 χ^2/NDF:29048.4/3

+ sign -32.977+/-0.024 χ^2/NDF: 110528.4/21

All: -31.031+/-0.018 χ^2/NDF: 613084.3/44

- sign -28.292+/-0.028 χ^2/NDF: 486244.3/22

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.312+/-0.035 χ^2/NDF:130.1/4

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

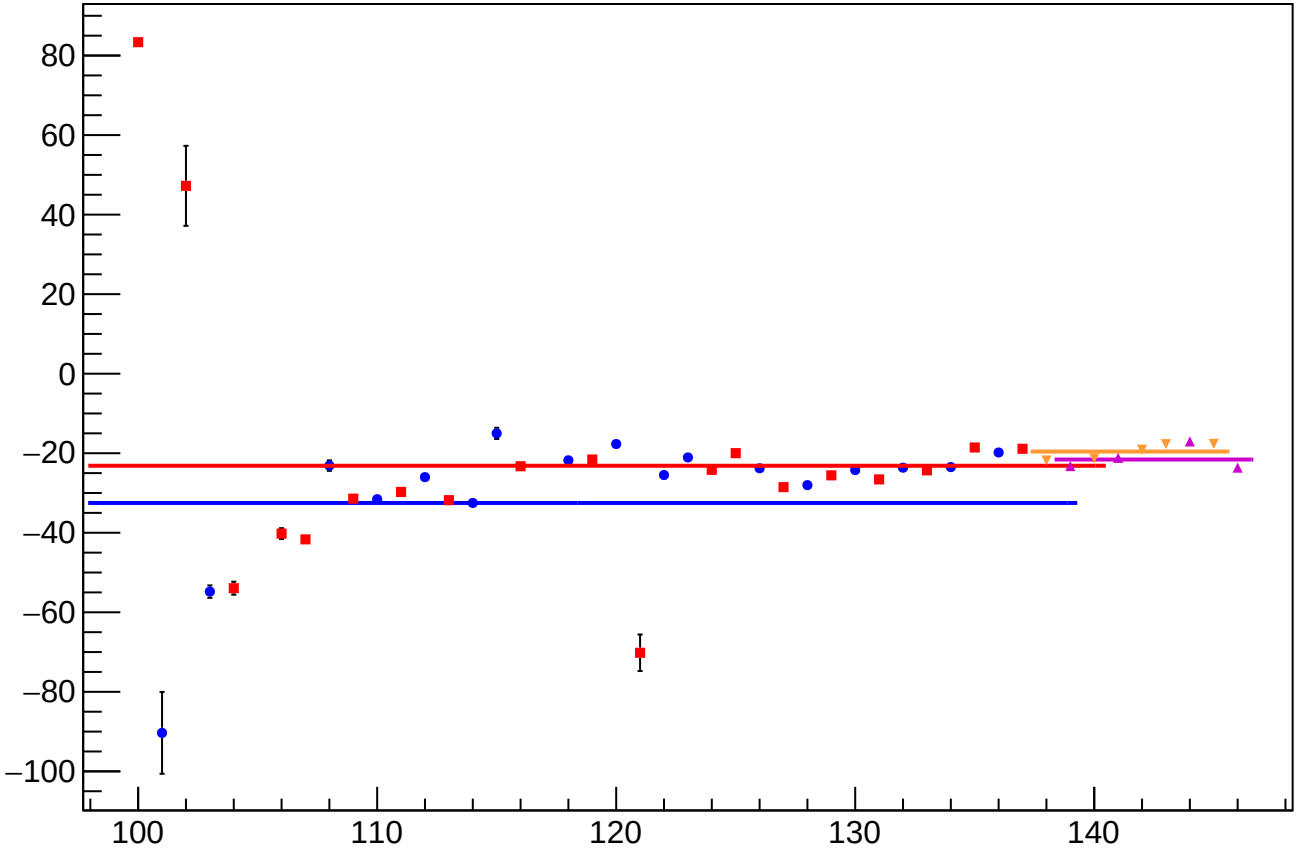
Left In: 14.643+/-0.032 χ^2/NDF:1551.7/3

+ sign 13.238+/-0.000 χ^2/NDF: 6825.4/21

All: 12.562+/-0.000 χ^2/NDF: 188431002765

- sign -66.739+/-0.000 χ^2/NDF: 9317933.1/22

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -19.581+/-0.043 χ^2/NDF:1771.7/4

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

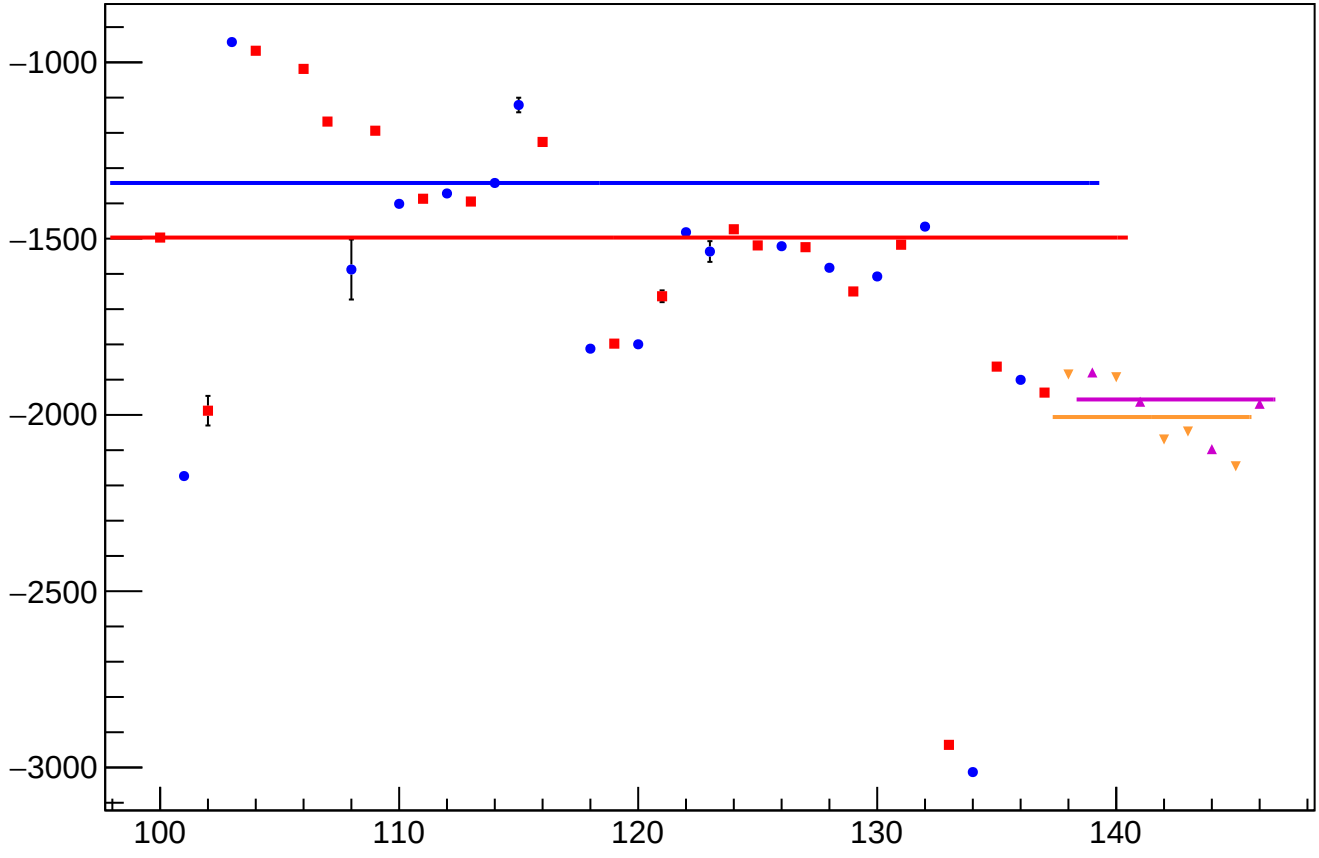
Left In: -21.585+/-0.056 χ^2/NDF:1968.4/3

+ sign -32.504+/-0.000 χ^2/NDF: 164678.1/21

All: -32.504+/-0.000 χ^2/NDF: 333872.9/44

- sign -22.495+/-0.036 χ^2/NDF: 93170.7/22

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -2005.959+/-1.028 χ^2/NDF:9102.5/4

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

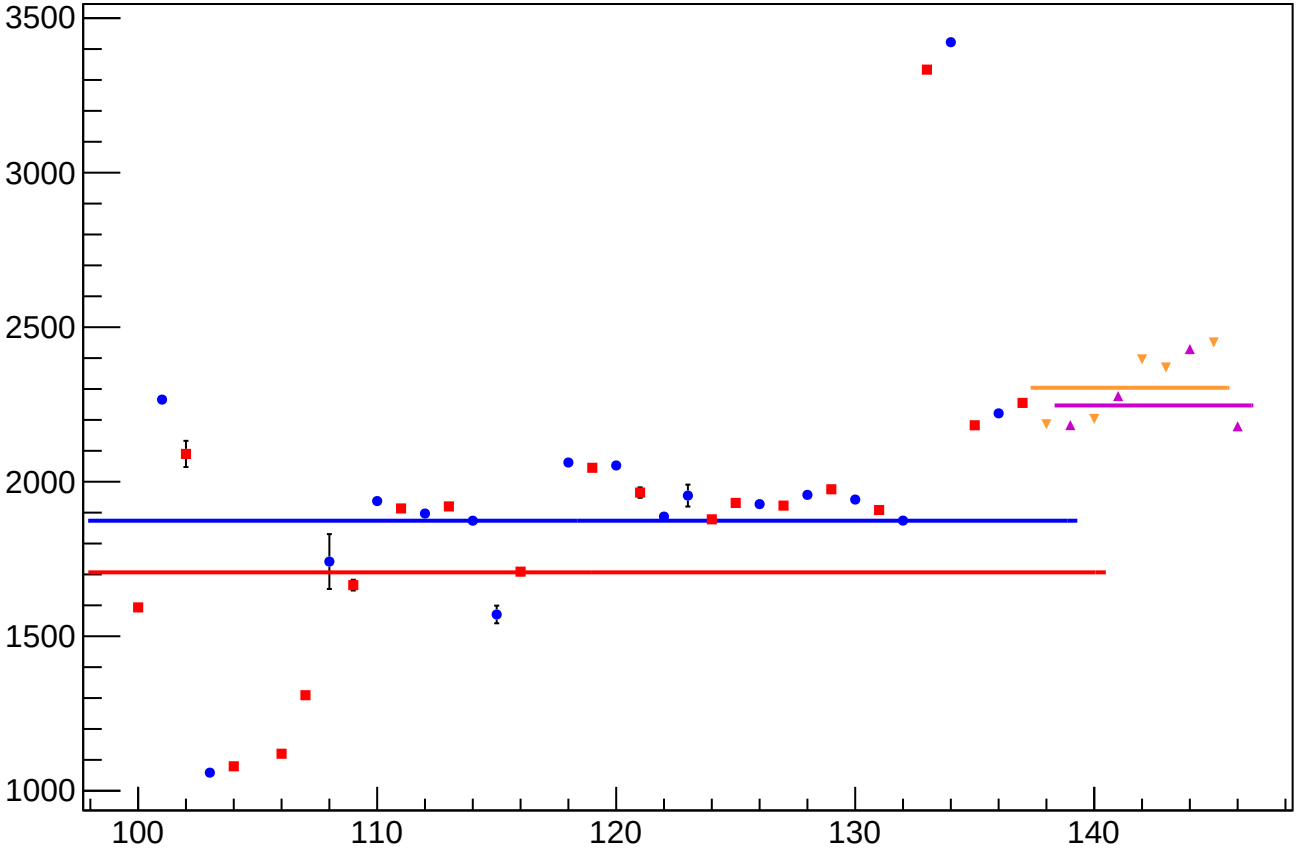
Left In: -1956.164+/-0.699 χ^2/NDF:12572.1/3

+ sign -1342.107+/-0.000 χ^2/NDF: 796819.7/21

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 949487.6/22

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2304.023+/-1.142 χ^2/NDF:7158.5/4

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

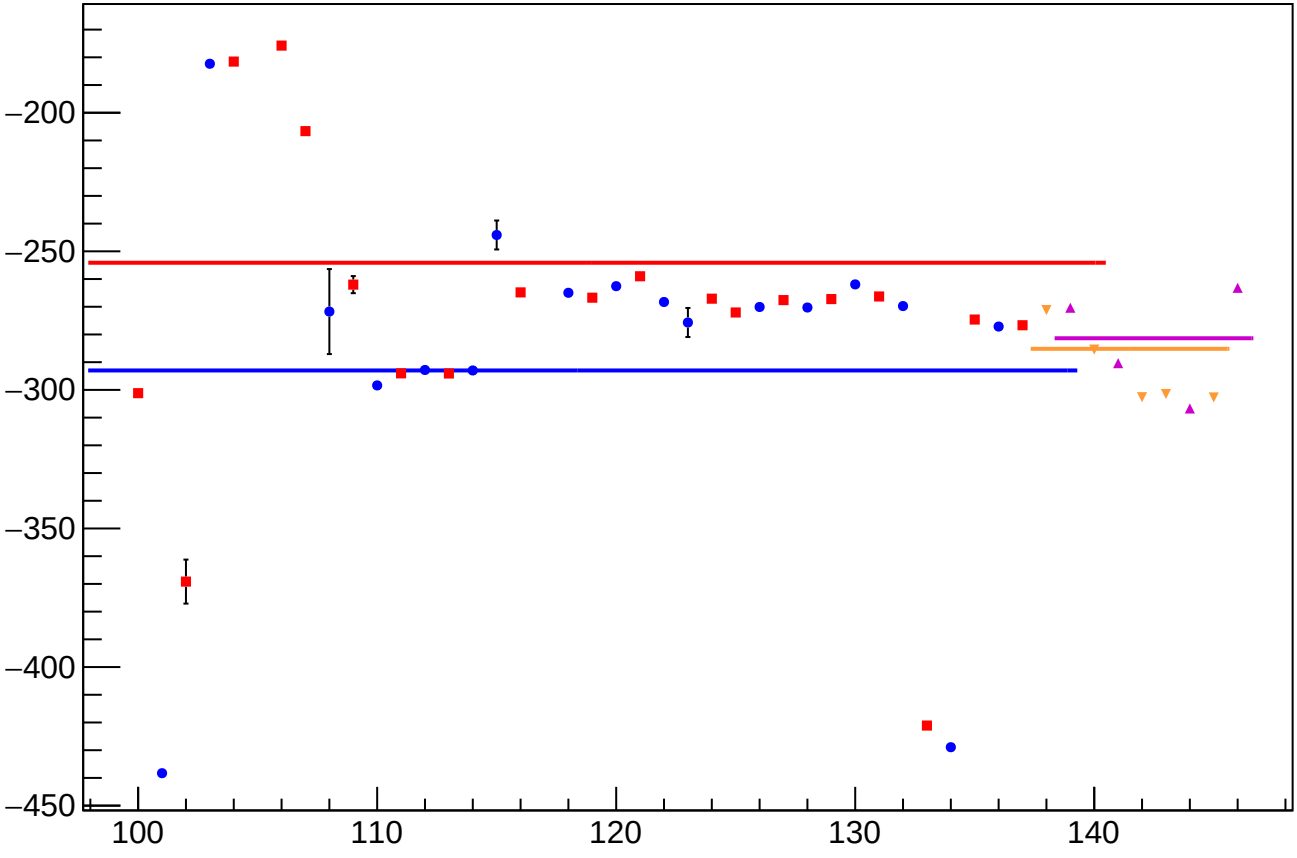
Left In: 2246.765+/-0.734 χ^2/NDF:15797.6/3

+ sign 1873.852+/-0.000 χ^2/NDF: 350512.3/21

All: 1873.852+/-0.000 χ^2/NDF: 1768100.7/44

- sign 1785.181+/-0.280 χ^2/NDF: 1316992.2/22

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -285.171+/-0.073 χ^2/NDF:36326.7/4

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

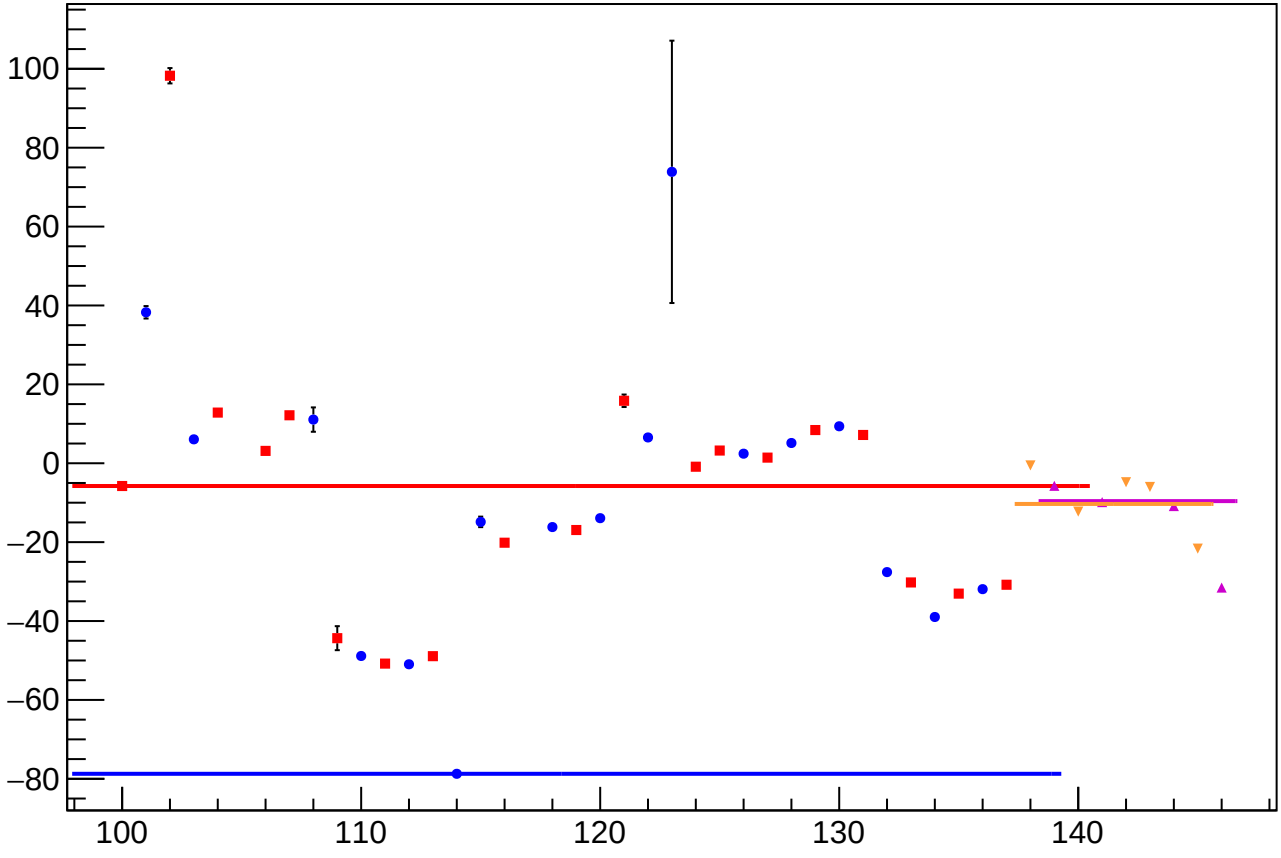
Left In: -281.366+/-0.058 χ^2/NDF:49836.7/3

+ sign -292.986+/-0.000 χ^2/NDF: 1063230.1/21

All: -292.986+/-0.000 χ^2/NDF: 2090190.5/44

- sign -268.035+/-0.041 χ^2/NDF: 661422.9/22

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -10.317+/-0.073 χ^2/NDF:3184.2/4

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

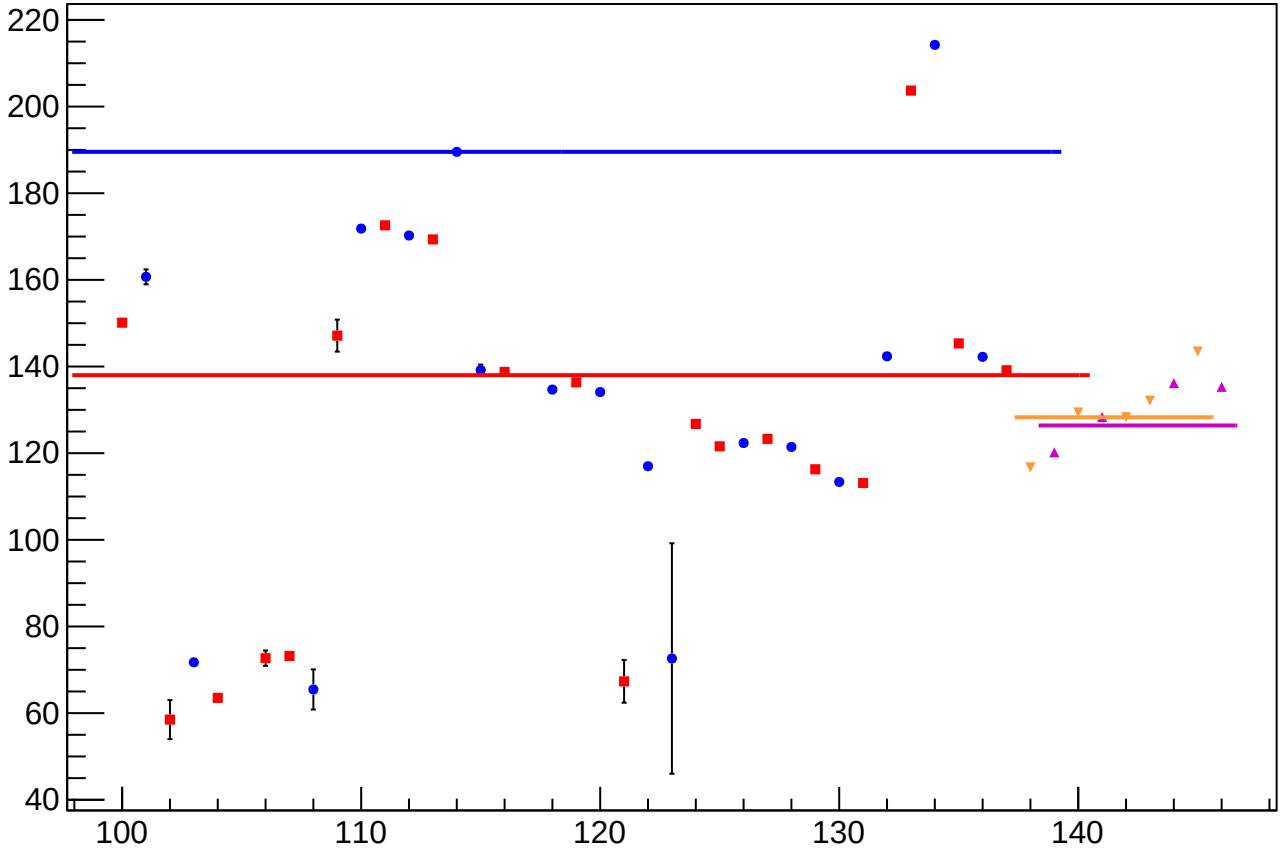
Left In: -9.597+/-0.060 χ^2/NDF:6702.0/3

+ sign -78.728+/-0.000 χ^2/NDF: 2290570.7/21

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 122305.5/22

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 128.281+/-0.092 χ^2/NDF:4098.5/4

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

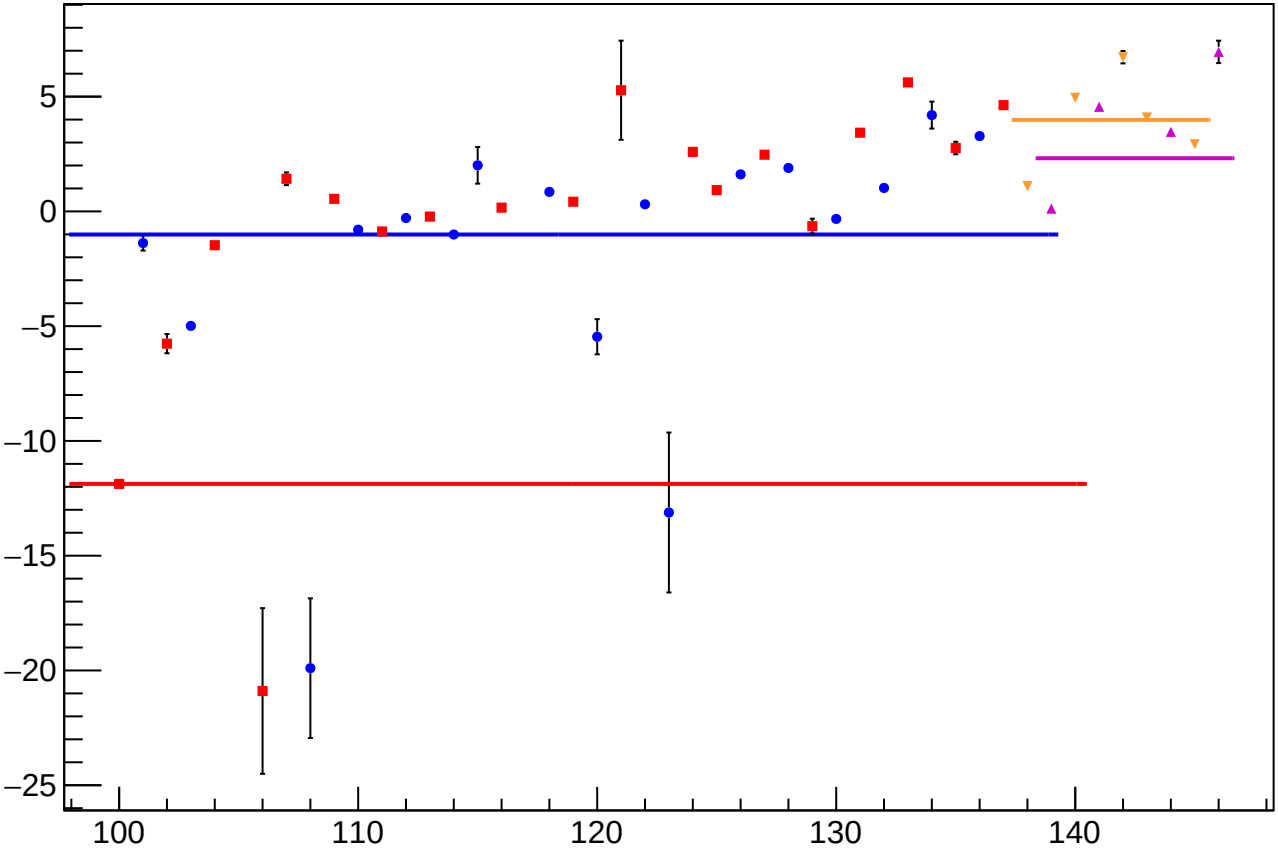
Left In: 126.393+/-0.064 χ^2/NDF:5741.9/3

+ sign 189.551+/-0.000 χ^2/NDF: 1371046.3/21

All: 189.551+/-0.000 χ^2/NDF: 3227384.2/44

- sign 132.669+/-0.043 χ^2/NDF: 140846.1/22

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 3.986+/-0.062 χ^2/NDF:473.3/4

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

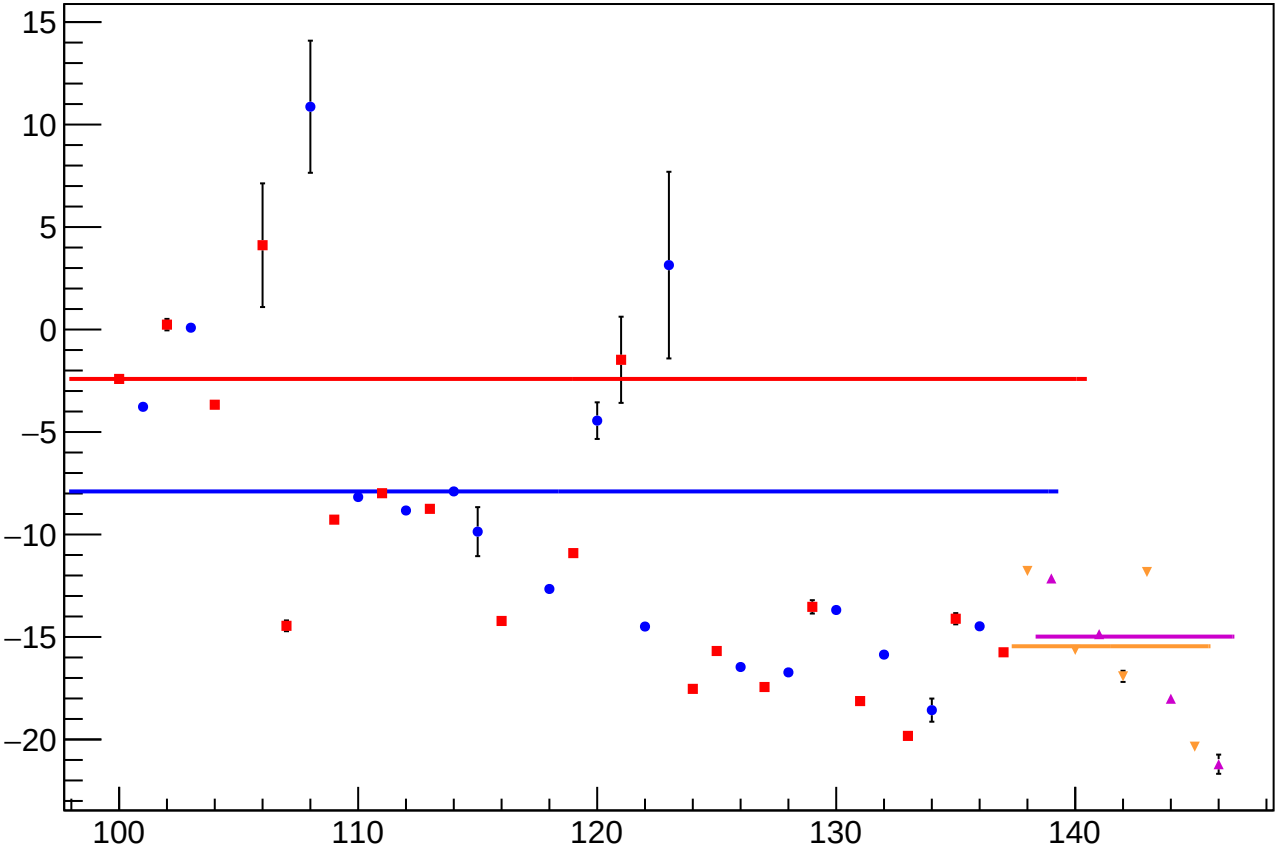
Left In: 2.316+/-0.043 χ^2/NDF:2051.9/3

+ sign -1.007+/-0.000 χ^2/NDF: 14102.7/21

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 613815.8/22

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -15.453+/-0.061 χ^2/NDF:2795.8/4

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

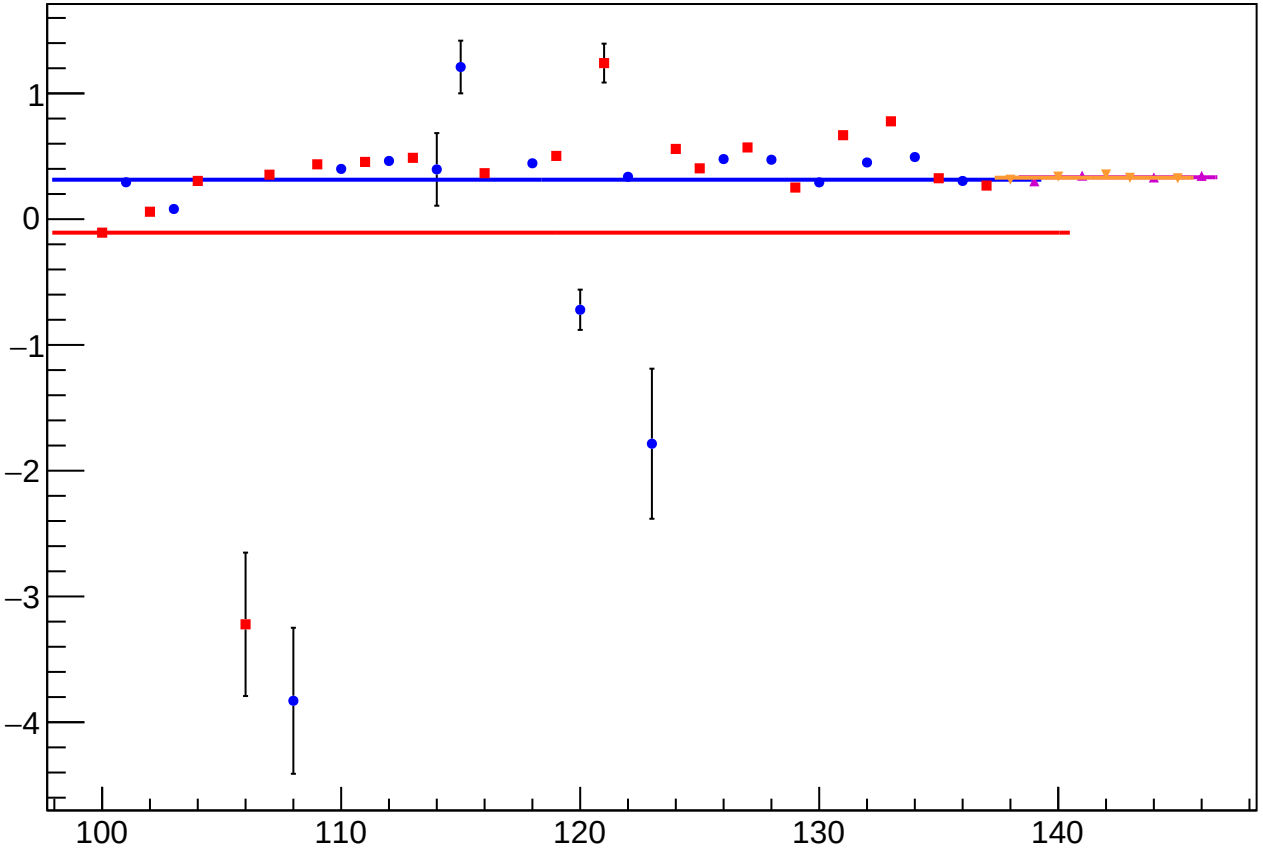
Left In: -14.981+/-0.062 χ^2/NDF:1295.6/3

+ sign -7.899+/-0.000 χ^2/NDF: 57740.3/21

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 246073.5/22

dit_sam1_11X12X_slope vs Slug



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.330+/-0.001 χ^2/NDF:238.9/4

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

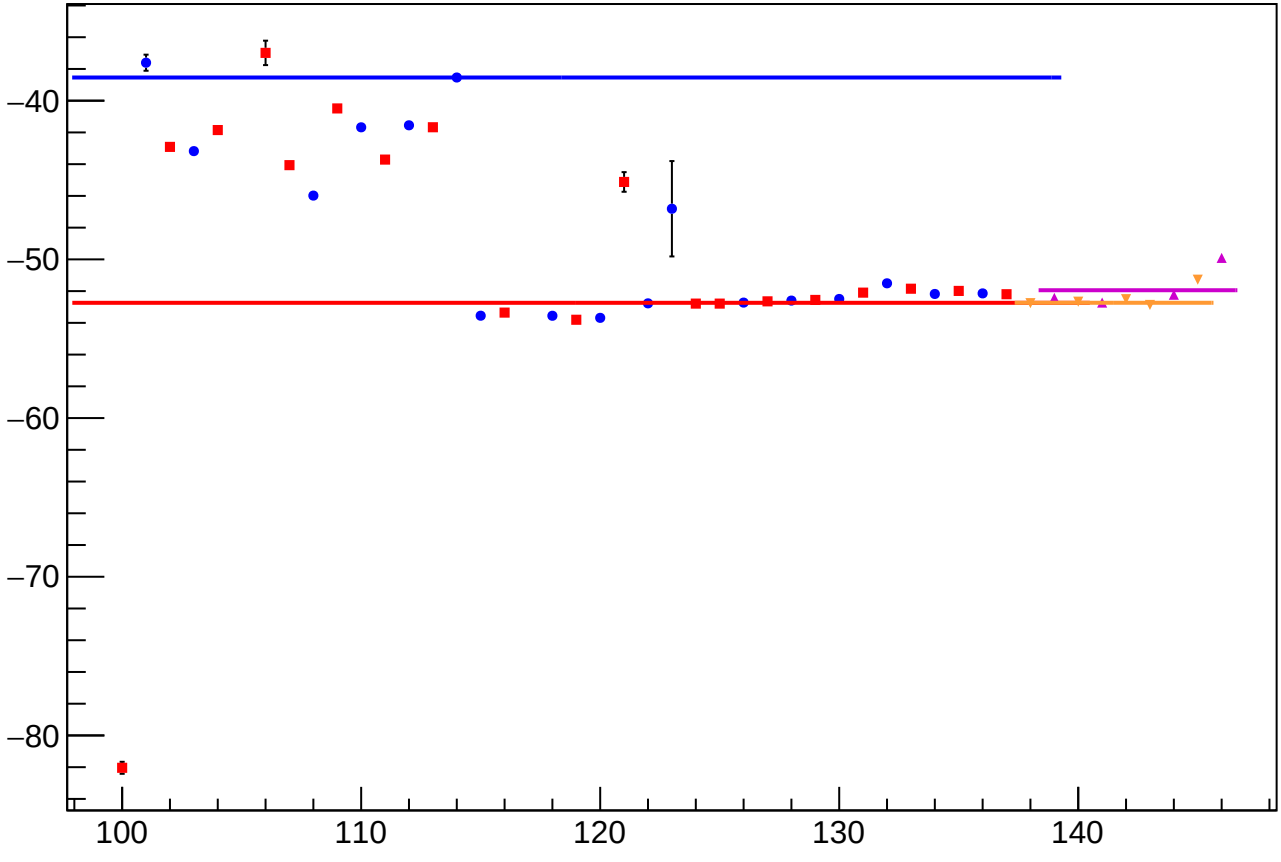
Left In: 0.333+/-0.001 χ^2/NDF:268.3/3

+ sign 0.324+/-0.001 χ^2/NDF: 3161.8/21

All: -0.107+/-0.000 χ^2/NDF: 1168190.3/44

- sign -0.107+/-0.000 χ^2/NDF: 606302.6/22

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -52.735+/-0.005 χ^2/NDF:1899.5/4

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

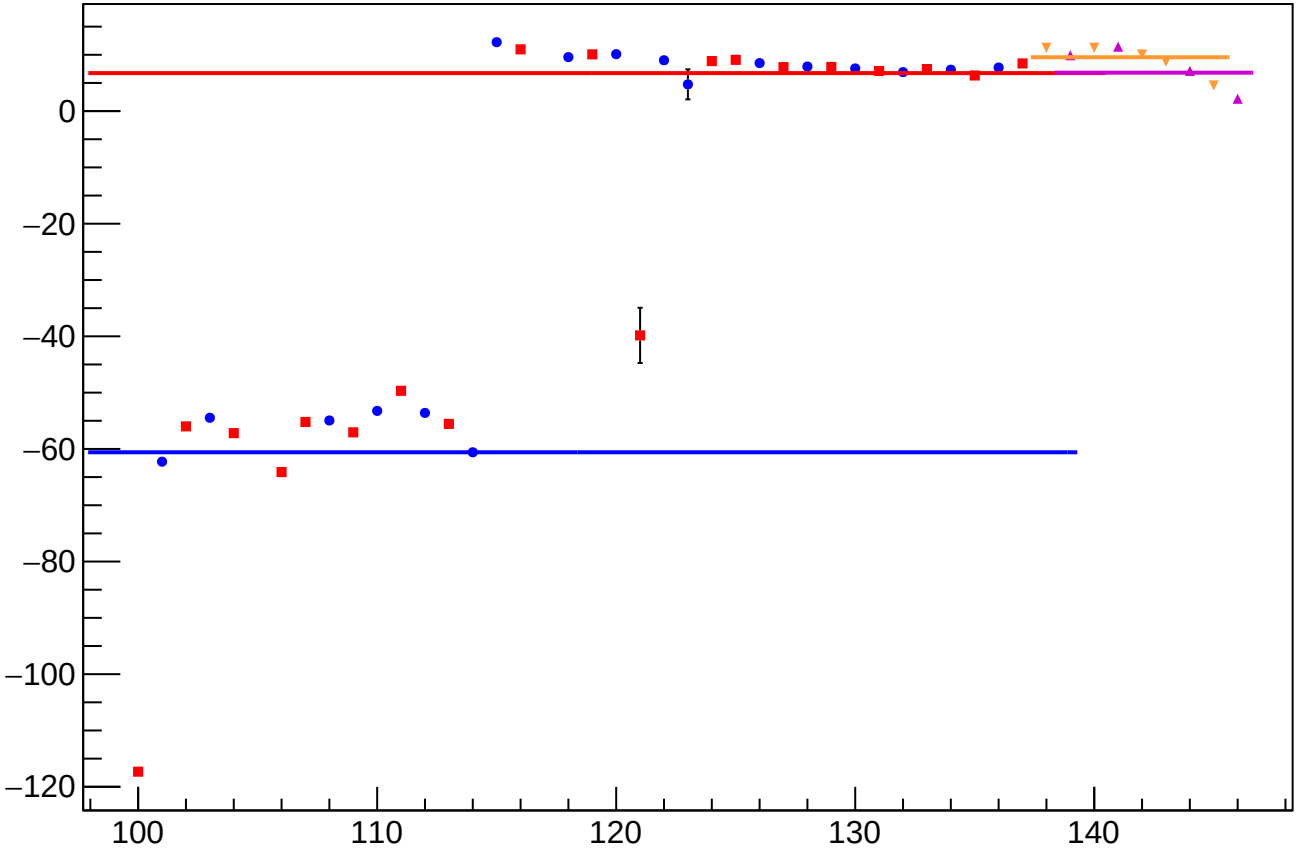
Left In: -51.944+/-0.006 χ^2/NDF:39773.2/3

+ sign -38.539+/-0.000 χ^2/NDF: 22231863.3/21

All: -38.539+/-0.000 χ^2/NDF: 85014805.7/44

- sign -52.658+/-0.002 χ^2/NDF: 144827.8/22

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 9.566+/-0.013 χ^2/NDF:25802.9/4

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

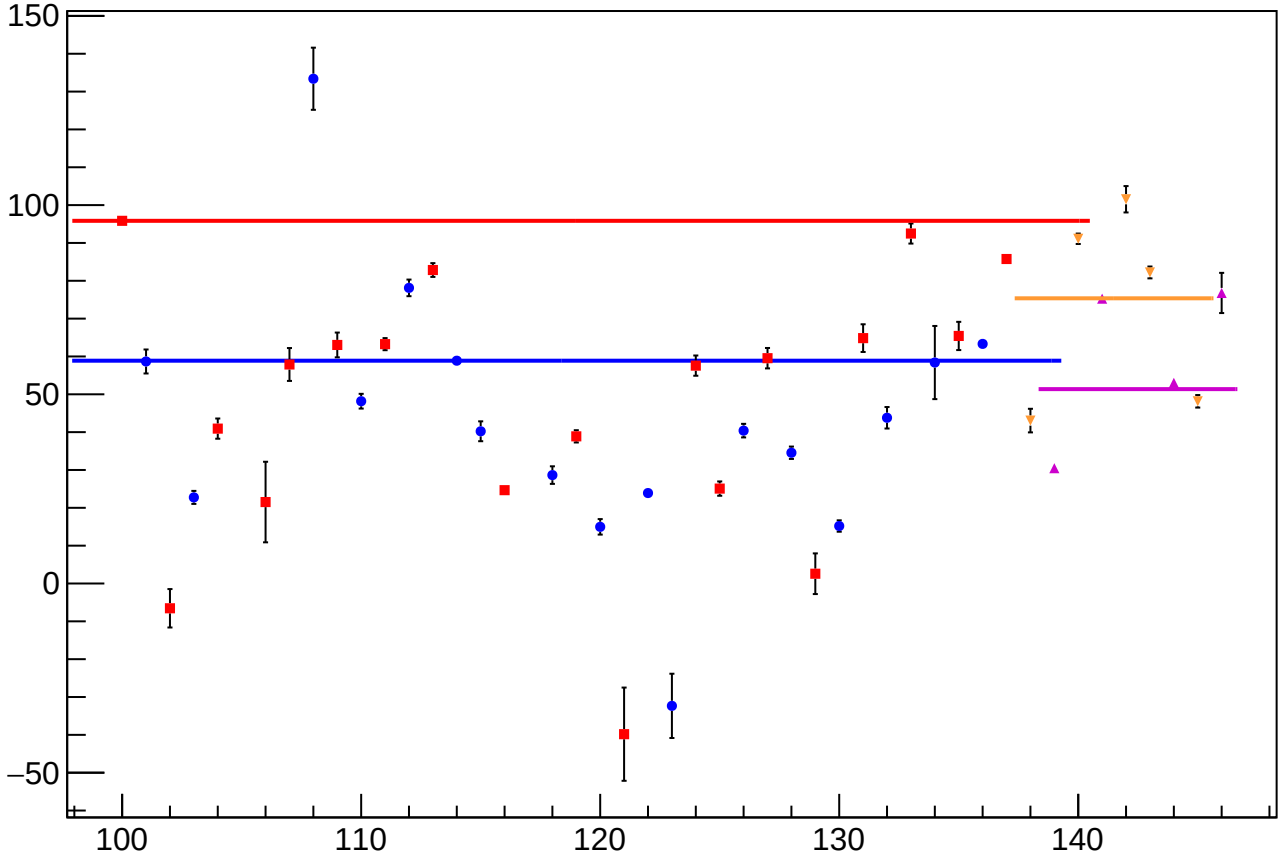
Left In: 6.824+/-0.014 χ^2/NDF:86769.2/3

+ sign -60.594+/-0.000 χ^2/NDF: 53975452.6/21

All: -60.594+/-0.000 χ^2/NDF: 116788438.9/4

- sign 6.778+/-0.009 χ^2/NDF: 1353386.1/22

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 75.367+/-0.821 χ^2/NDF:583.6/4

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

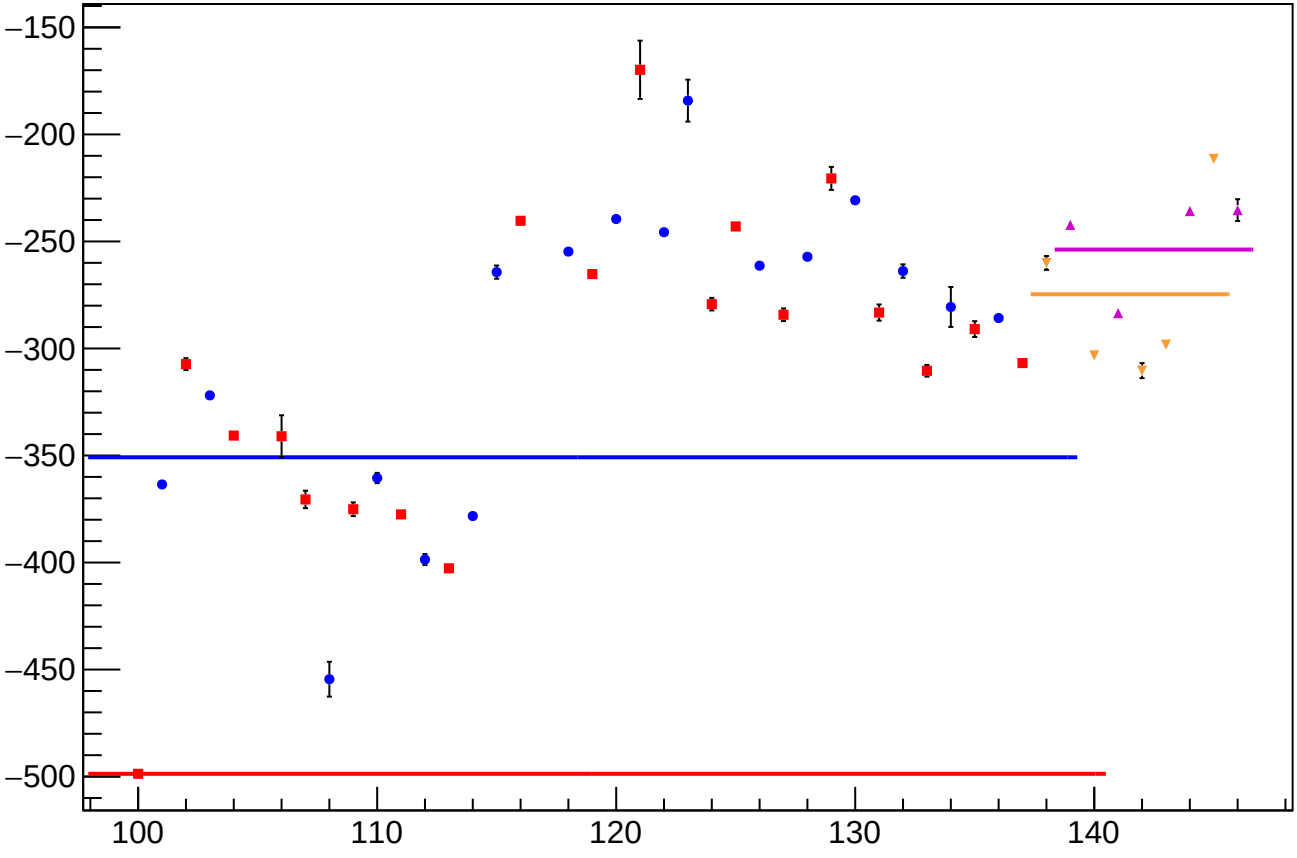
Left In: 51.368+/-0.589 χ^2/NDF:928.9/3

+ sign 58.880+/-0.000 χ^2/NDF: 4801.9/21

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 46019.8/22

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -274.655+/-0.811 χ^2/NDF:2424.9/4

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

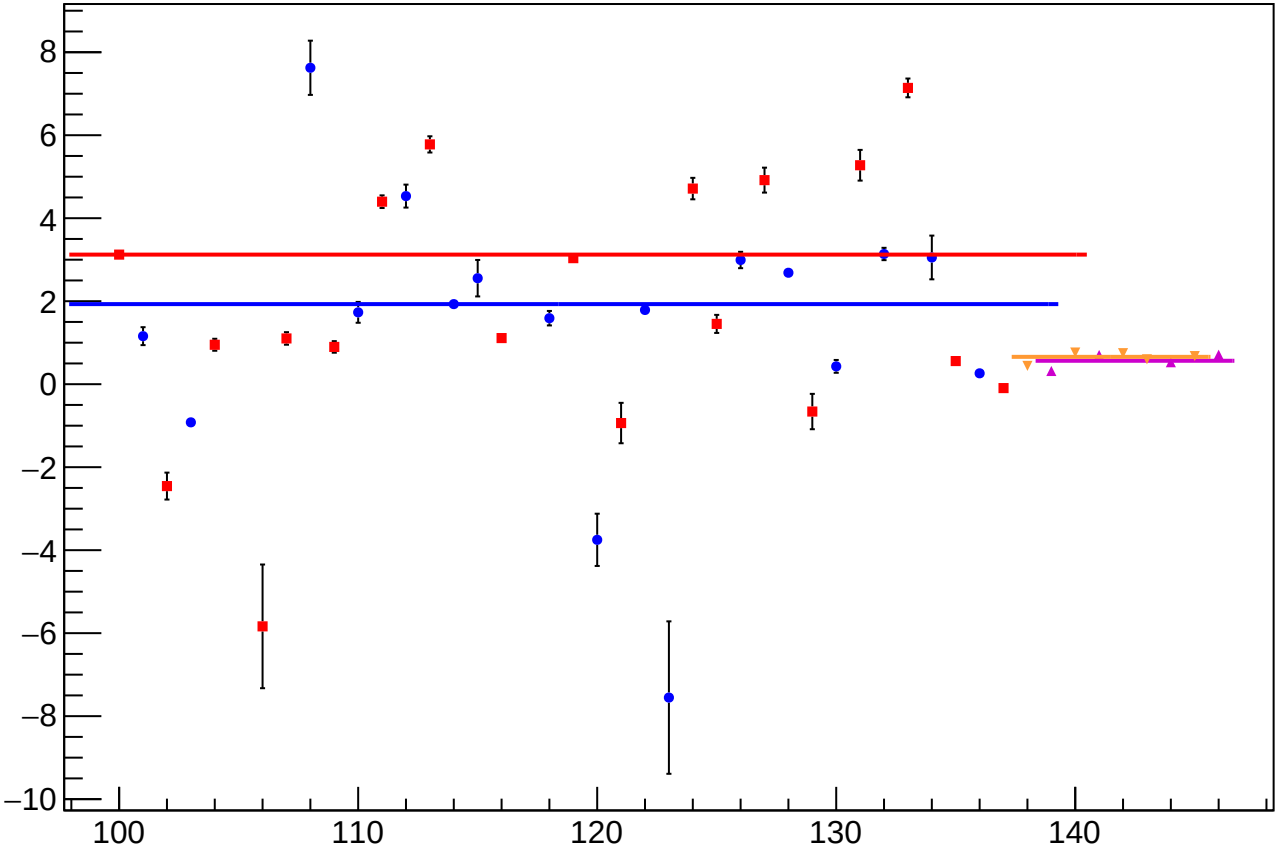
Left In: -253.792+/-0.626 χ^2/NDF:1082.2/3

+ sign -344.481+/-0.234 χ^2/NDF: 51817.8/21

All: -498.692+/-0.000 χ^2/NDF: 1151761.7/44

- sign -498.692+/-0.000 χ^2/NDF: 666072.4/22

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.659+/-0.006 χ^2/NDF:315.1/4

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

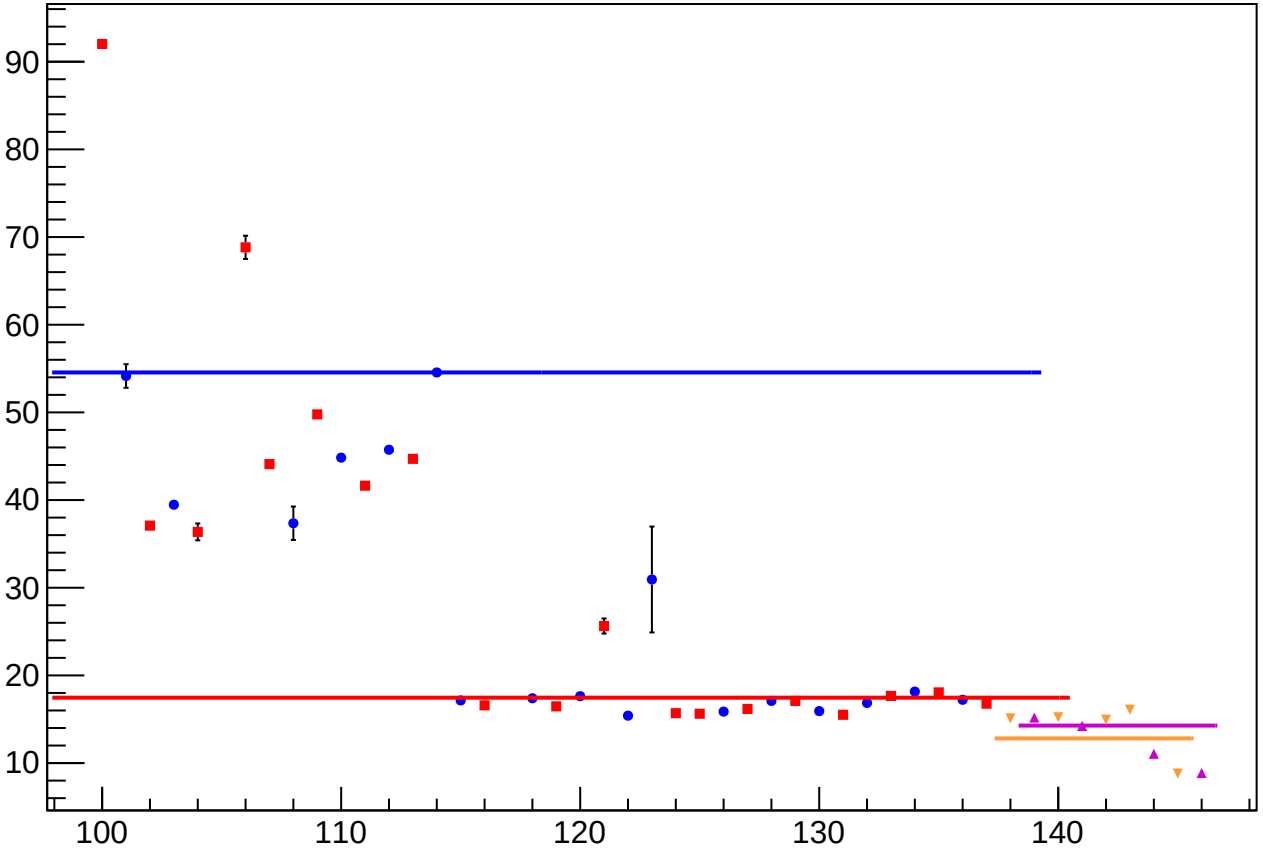
Left In: 0.564+/-0.004 χ^2/NDF:1446.1/3

+ sign 1.930+/-0.000 χ^2/NDF: 113391.9/21

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 941475.8/22

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 12.812+/-0.014 χ^2/NDF:57904.2/4

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

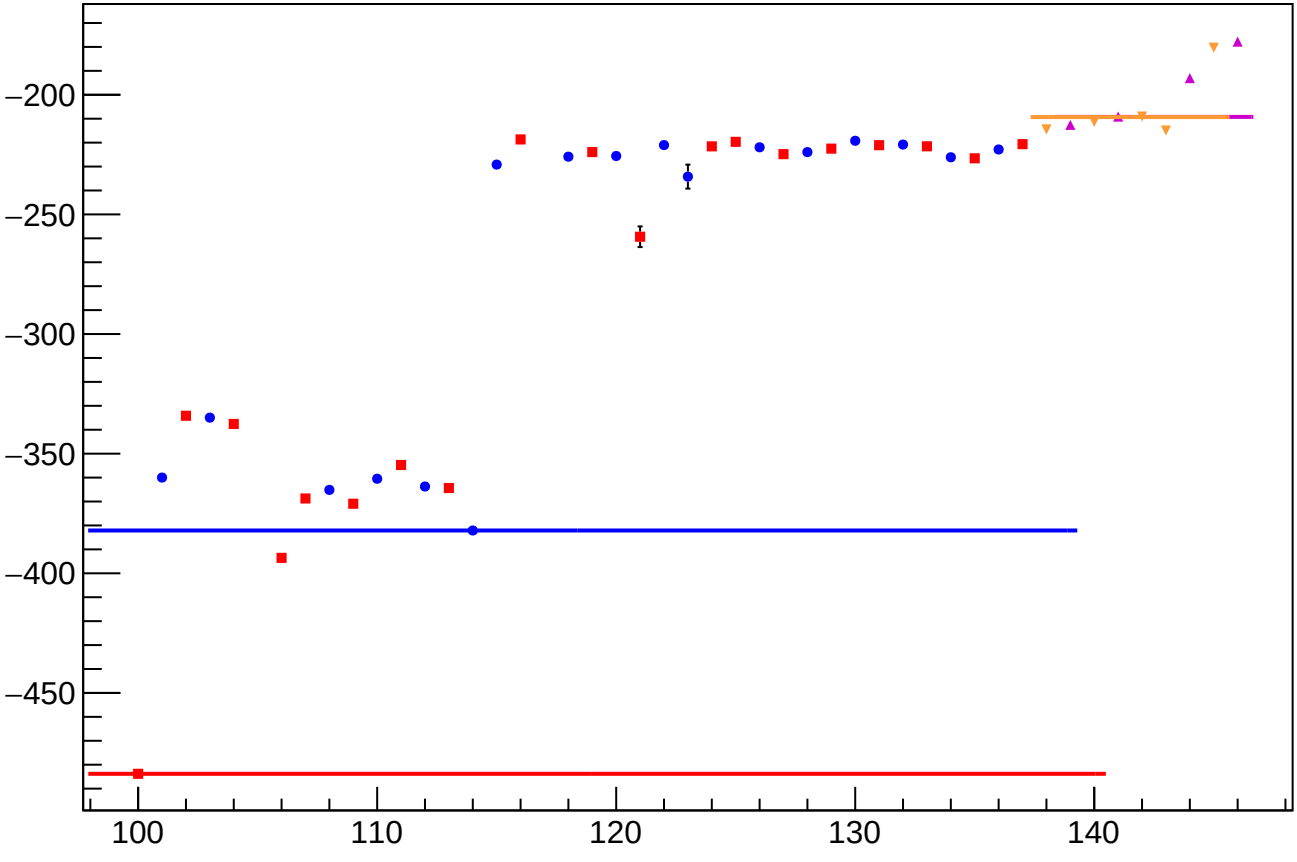
Left In: 14.278+/-0.022 χ^2/NDF:5960.1/3

+ sign 54.556+/-0.000 χ^2/NDF: 16804200.3/21

All: 54.556+/-0.000 χ^2/NDF: 24413481.8/44

- sign 16.151+/-0.014 χ^2/NDF: 117707.5/22

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -209.316+/-0.039 χ^2/NDF:51837.5/4

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

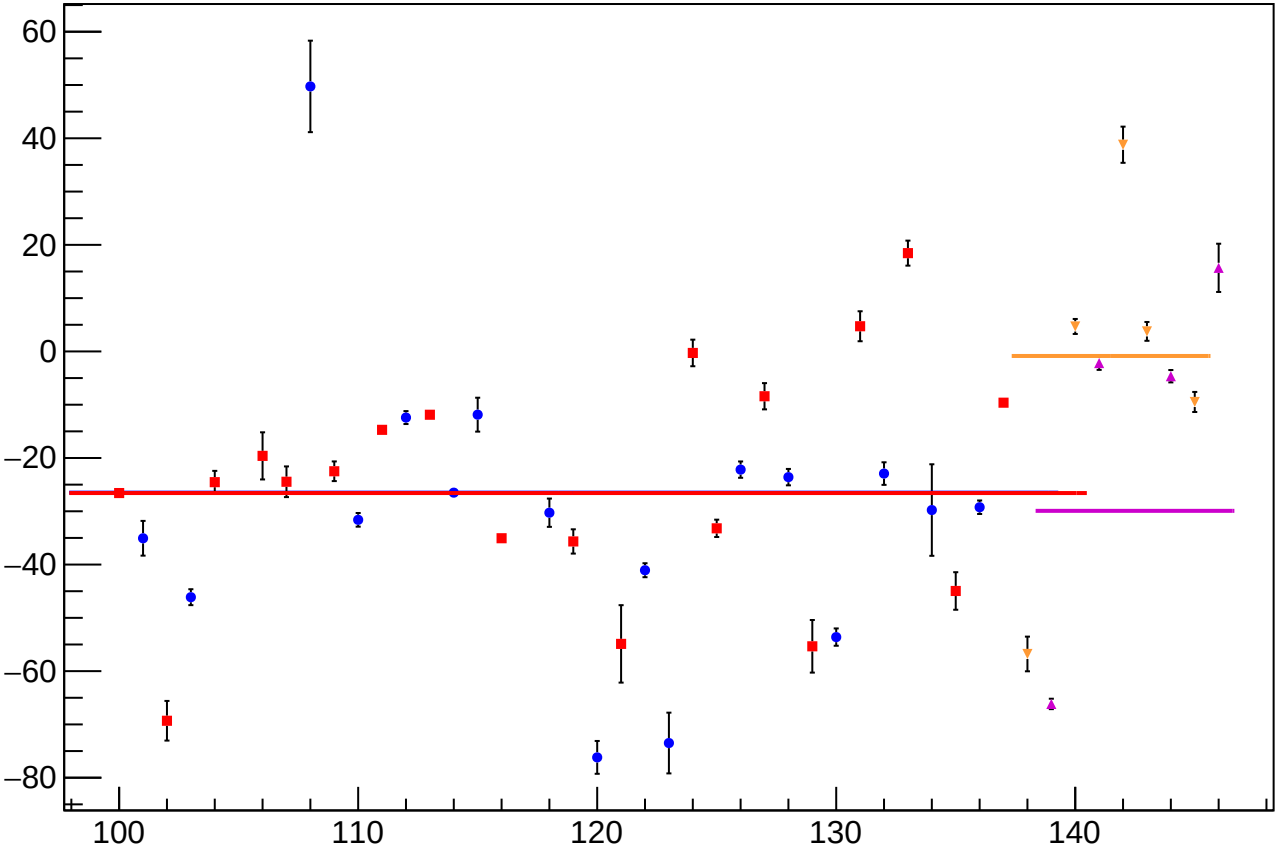
Left In: -209.249+/-0.043 χ^2/NDF:9489.5/3

+ sign -382.108+/-0.000 χ^2/NDF: 38494686.2/21

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 65334900.0/22

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -0.853+/-0.881 χ^2/NDF:475.0/4

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

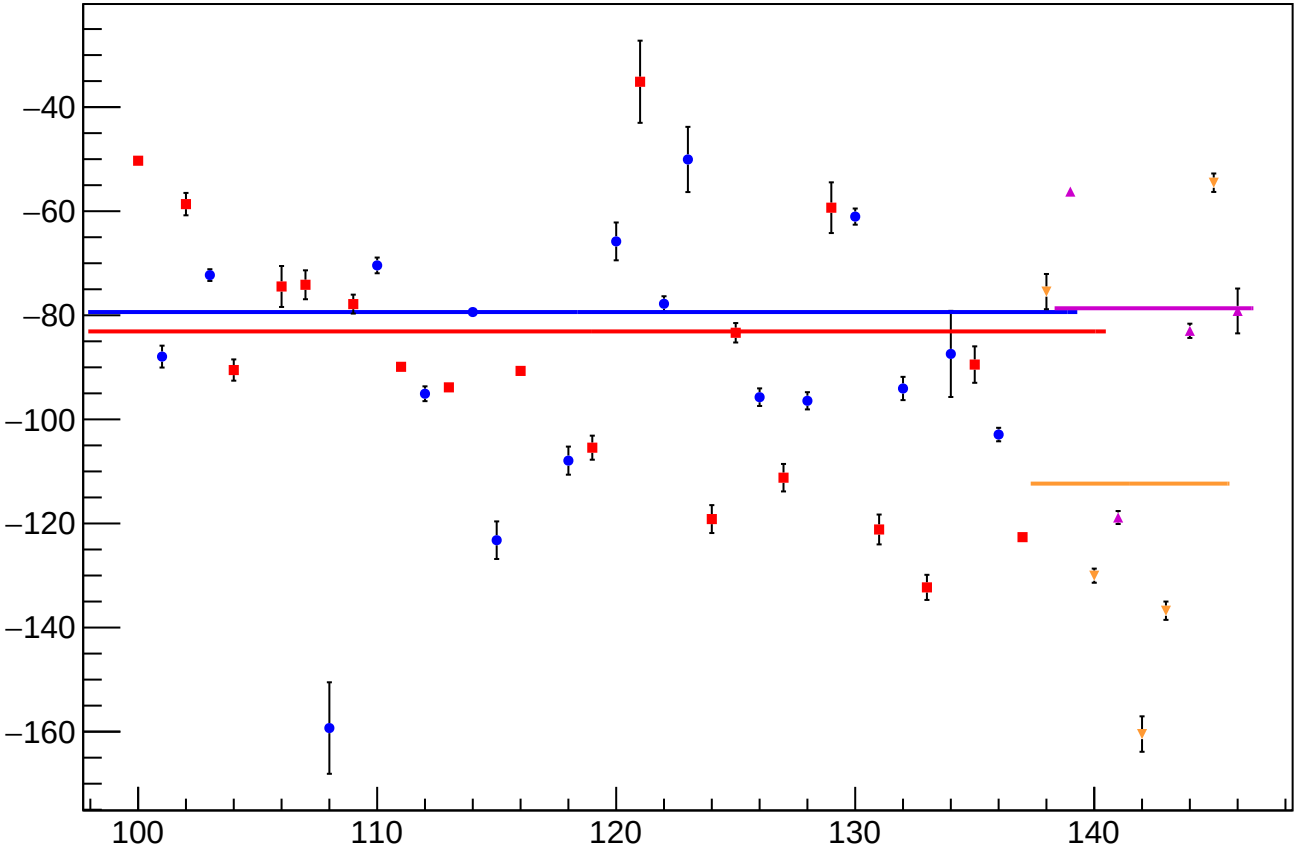
Left In: -29.918+/-0.639 χ^2/NDF:2418.1/3

+ sign -26.504+/-0.000 χ^2/NDF: 2503.4/21

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 5086.3/22

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -112.341+/-0.859 χ^2/NDF:1743.6/4

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

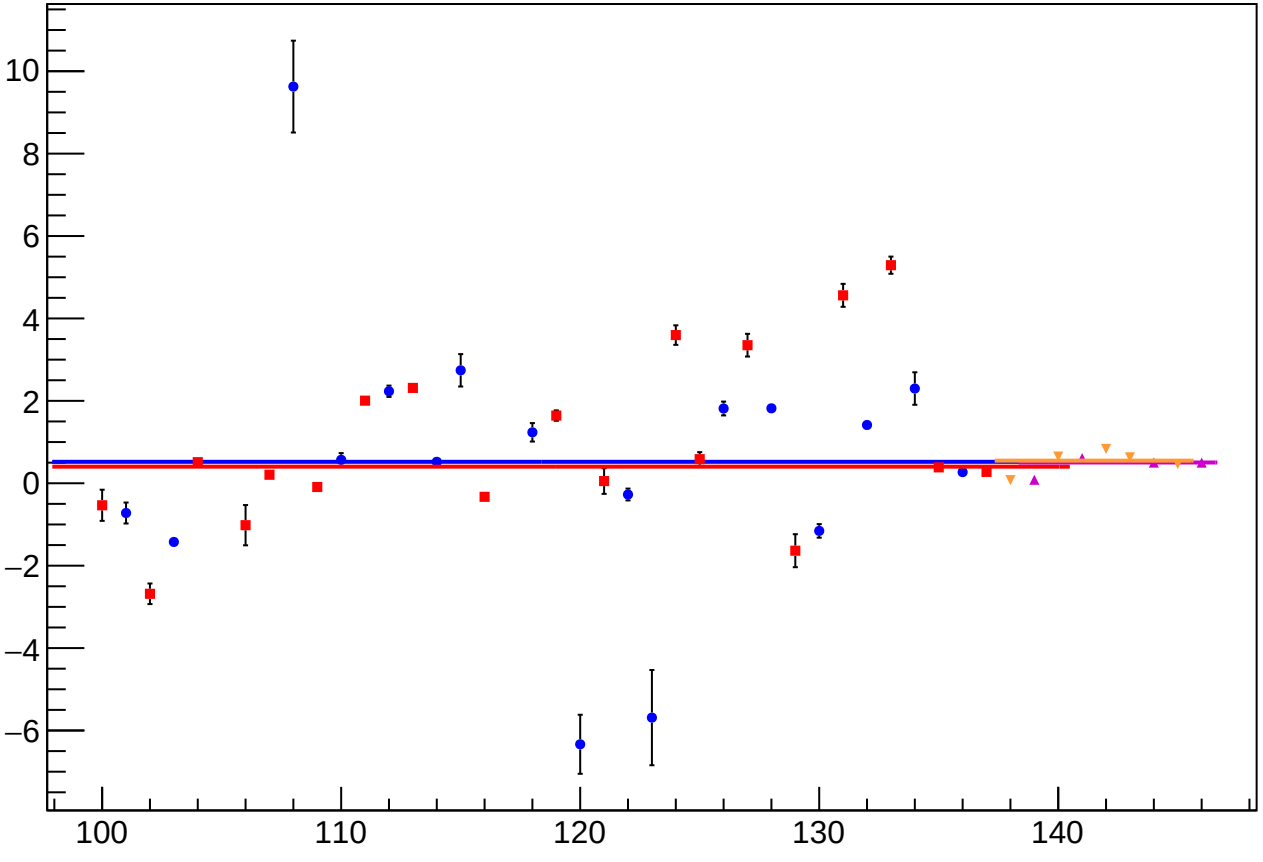
Left In: -78.650+/-0.635 χ^2/NDF:1676.8/3

+ sign -79.376+/-0.000 χ^2/NDF: 4521.5/21

All: -79.376+/-0.000 χ^2/NDF: 18552.0/44

- sign -82.774+/-0.172 χ^2/NDF: 13638.1/22

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.549+/-0.007 χ^2/NDF:994.0/4

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

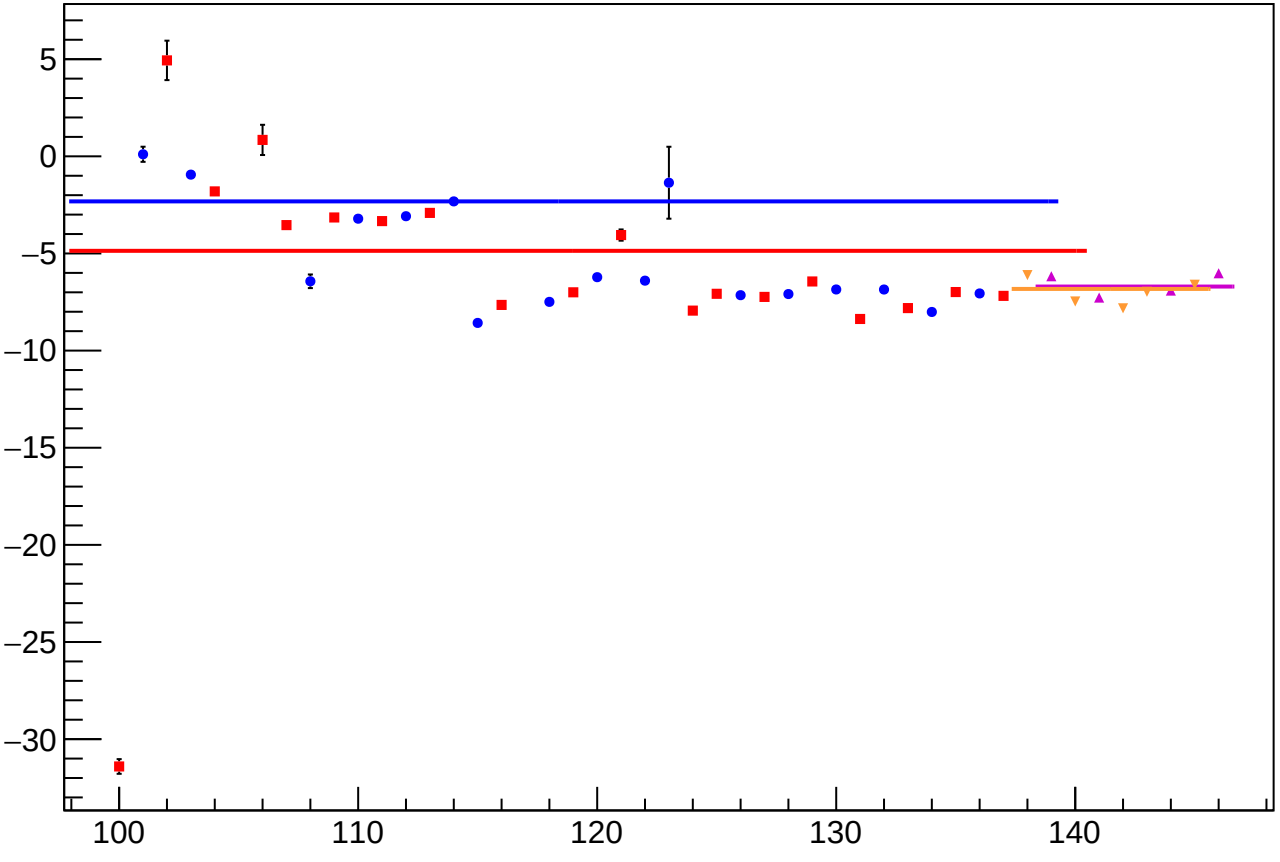
Left In: 0.504+/-0.003 χ^2/NDF:2615.1/3

+ sign 0.521+/-0.000 χ^2/NDF: 4382.1/21

All: 0.521+/-0.000 χ^2/NDF: 9864.5/44

- sign 0.495+/-0.003 χ^2/NDF: 5421.1/22

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.825+/-0.012 χ^2/NDF:1418.2/4

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

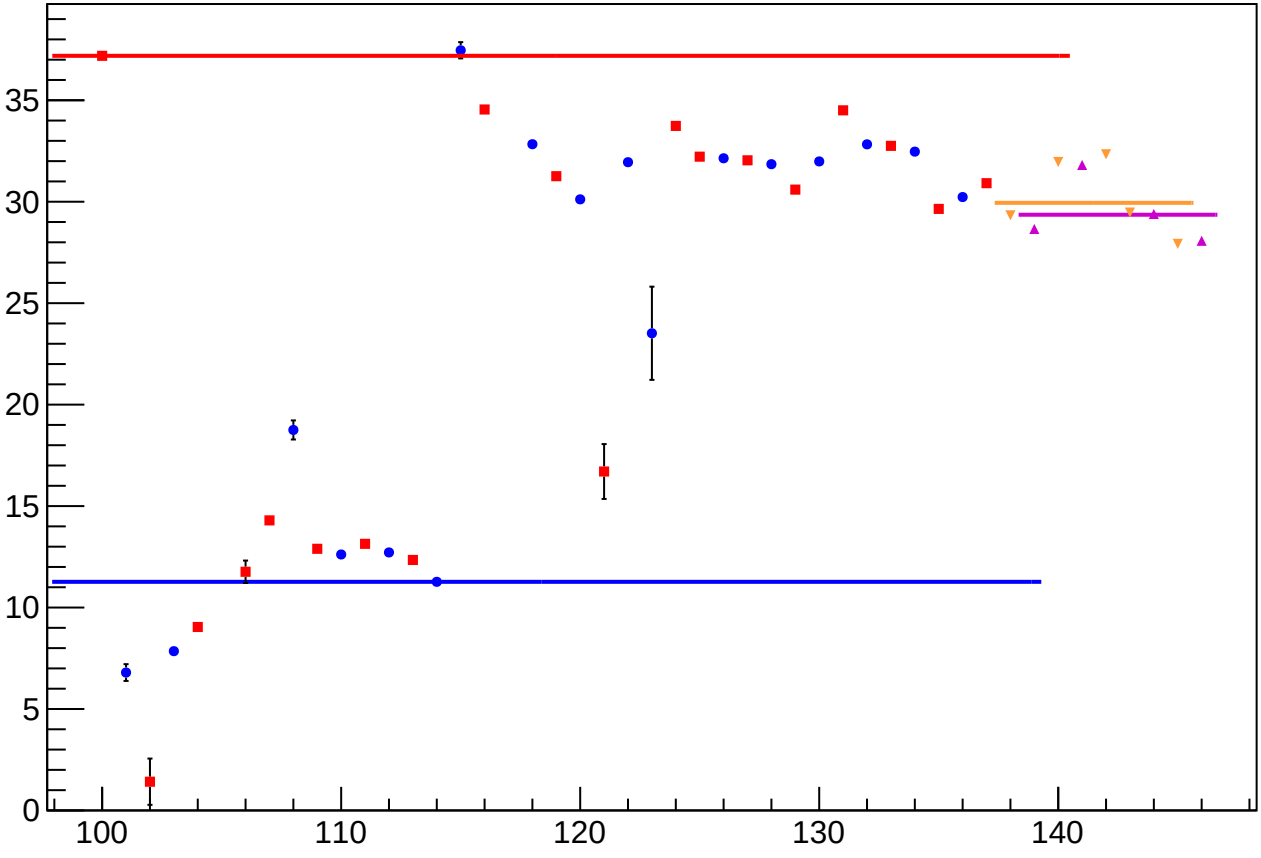
Left In: -6.703+/-0.008 χ^2/NDF:3464.9/3

+ sign -2.320+/-0.000 χ^2/NDF: 421843.2/21

All: -2.320+/-0.000 χ^2/NDF: 866584.4/44

- sign -6.053+/-0.006 χ^2/NDF: 73433.4/22

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.945+/-0.029 χ^2/NDF:3700.9/4

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

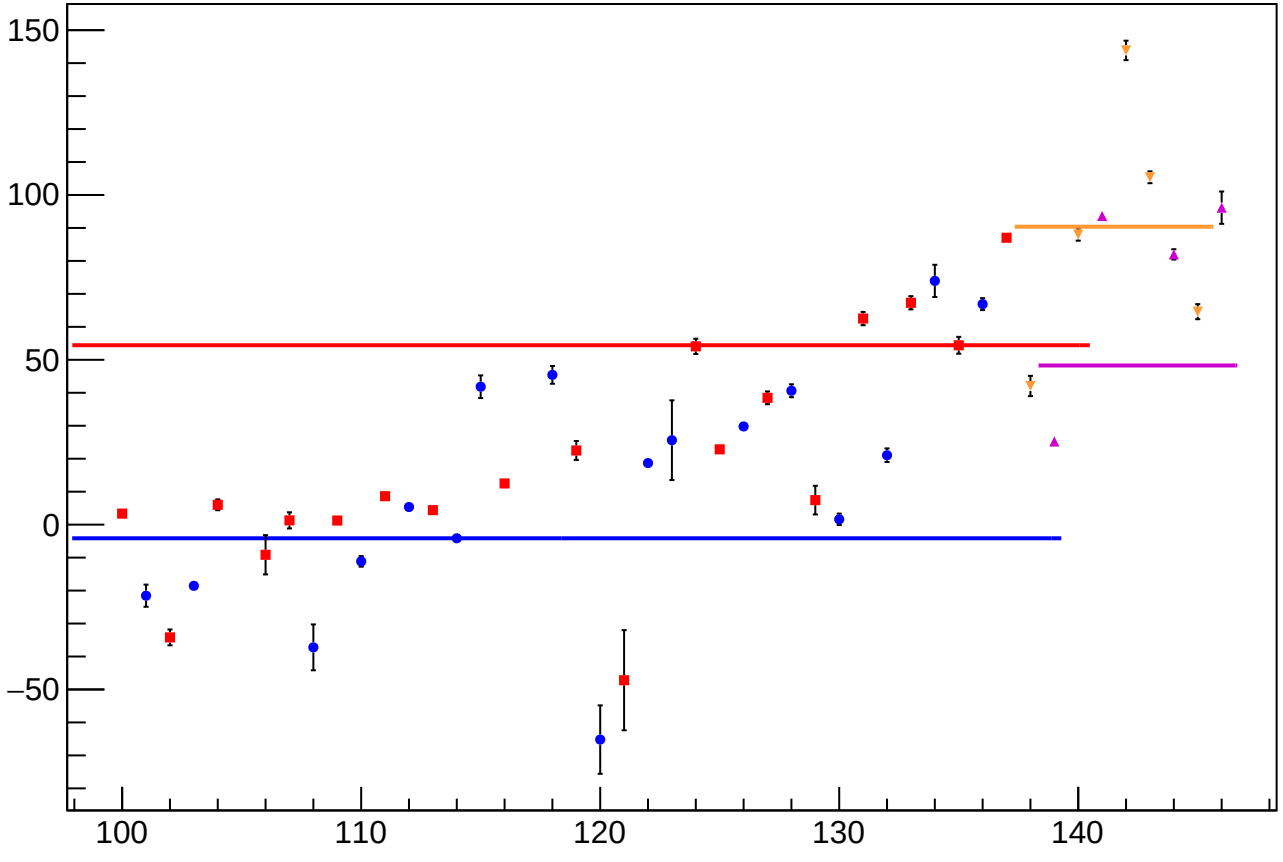
Left In: 29.359+/-0.028 χ^2/NDF:1705.5/3

+ sign 11.268+/-0.000 χ^2/NDF: 1380761.1/21

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 1204650.8/22

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 90.379+/-0.995 χ^2/NDF:773.1/4

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

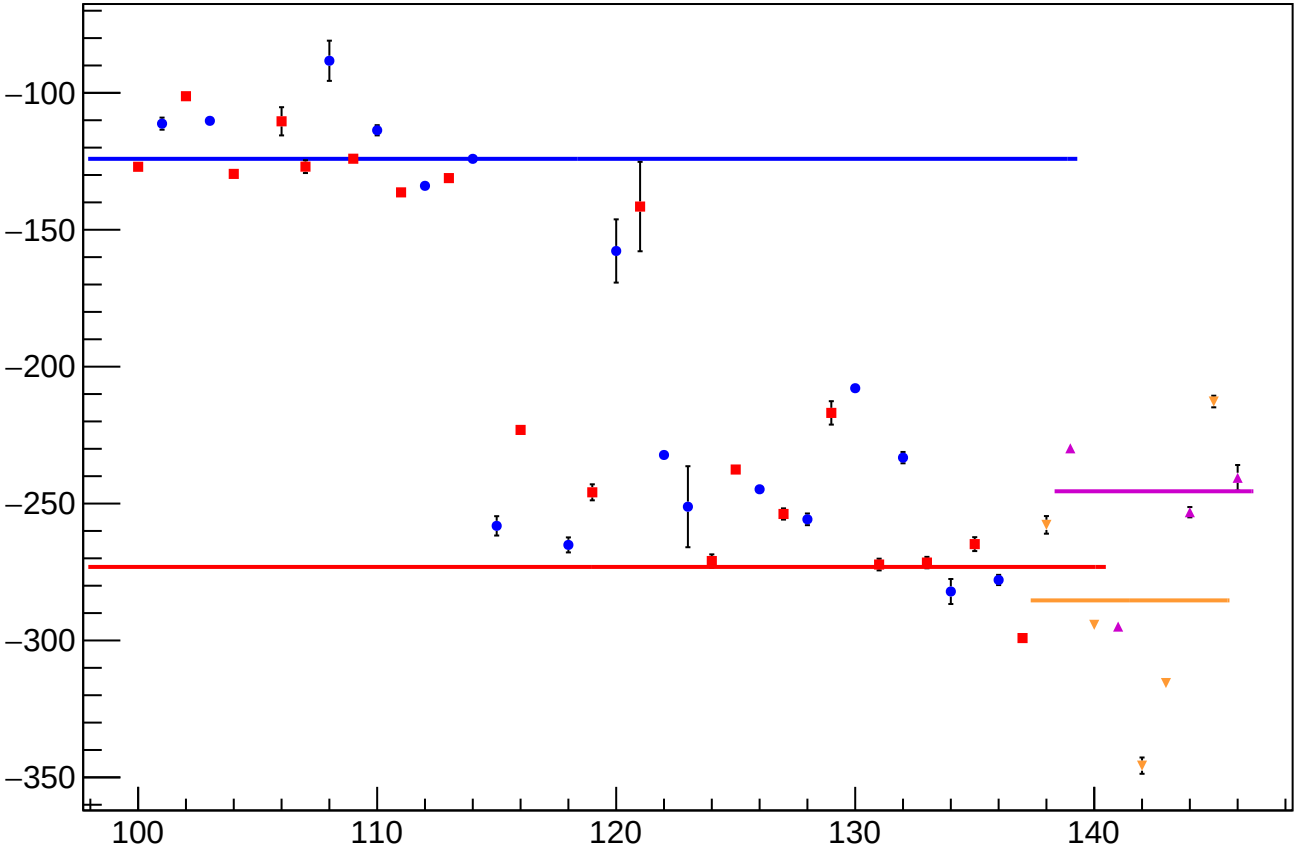
Left In: 48.283+/-0.584 χ^2/NDF:2805.4/3

+ sign -4.139+/-0.000 χ^2/NDF: 14443.0/21

All: -4.139+/-0.000 χ^2/NDF: 197688.5/44

- sign 53.945+/-0.163 χ^2/NDF: 56906.2/22

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -285.367+/-0.979 χ^2/NDF:1948.7/4

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

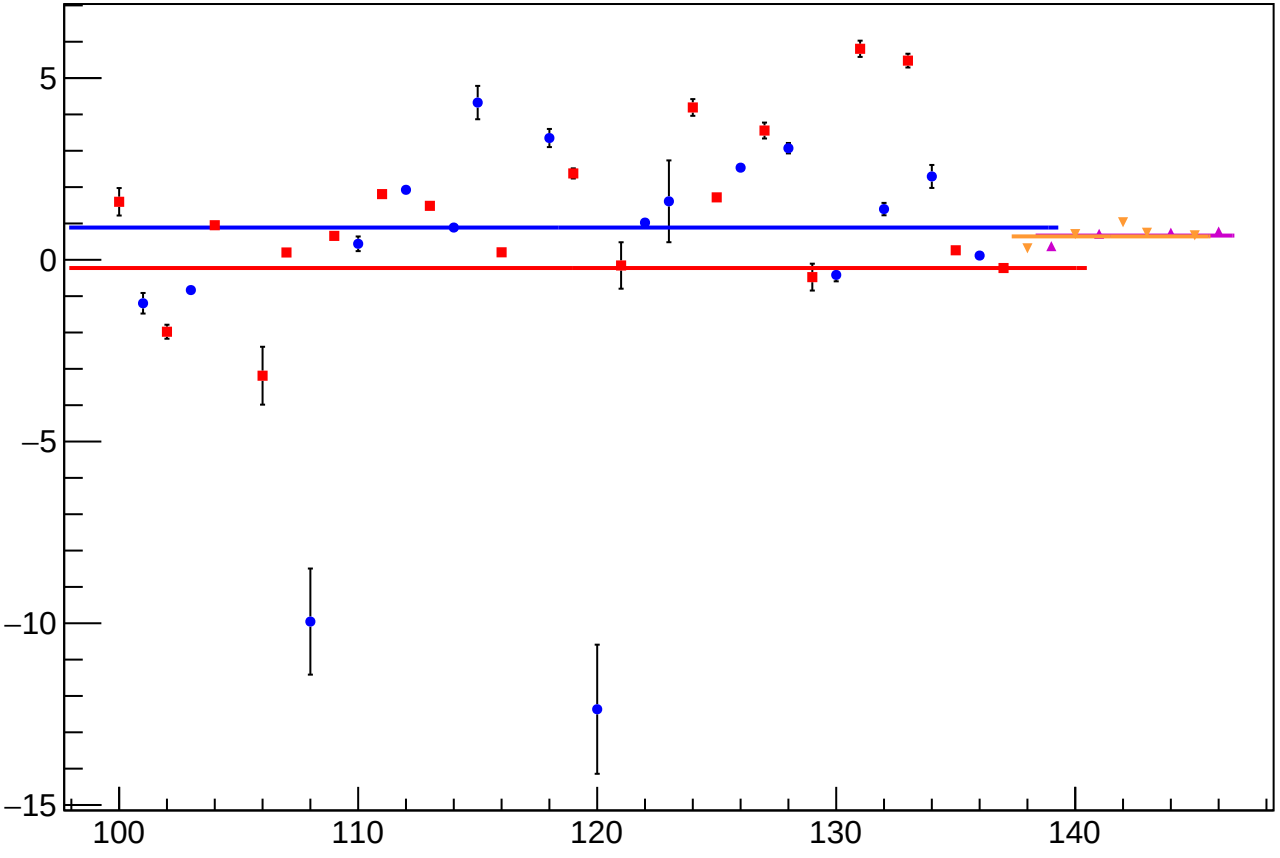
Left In: -245.517+/-0.565 χ^2/NDF:2128.3/3

+ sign -124.095+/-0.000 χ^2/NDF: 67264.3/21

All: -124.095+/-0.000 χ^2/NDF: 2144233.9/44

- sign -272.085+/-0.111 χ^2/NDF: 284571.1/22

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.644+/-0.007 χ^2/NDF:970.4/4

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

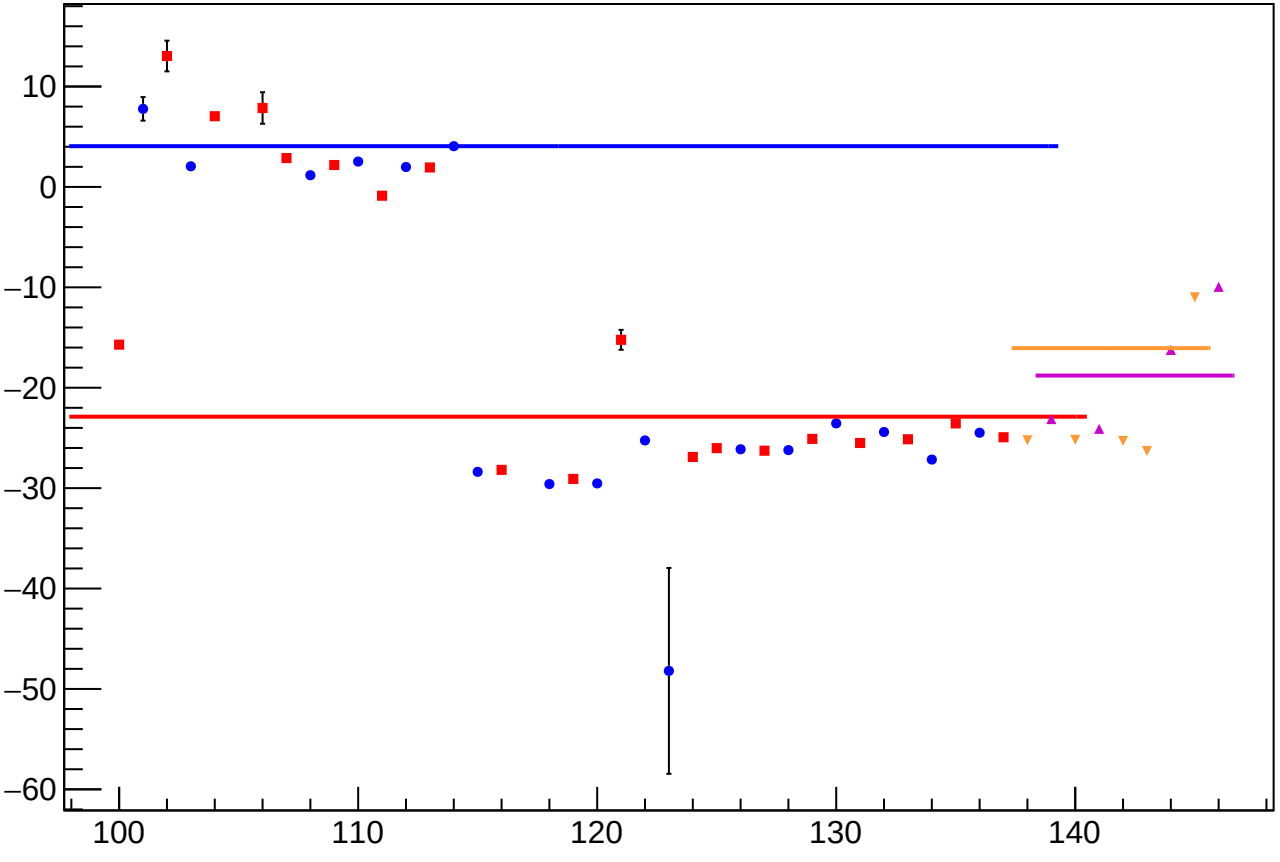
Left In: 0.667+/-0.005 χ^2/NDF:756.5/3

+ sign 0.888+/-0.000 χ^2/NDF: 10712.1/21

All: 0.888+/-0.000 χ^2/NDF: 422225092.3/44

- sign -0.226+/-0.000 χ^2/NDF: 34672.7/22

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.056+/-0.028 χ^2/NDF:63045.4/4

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

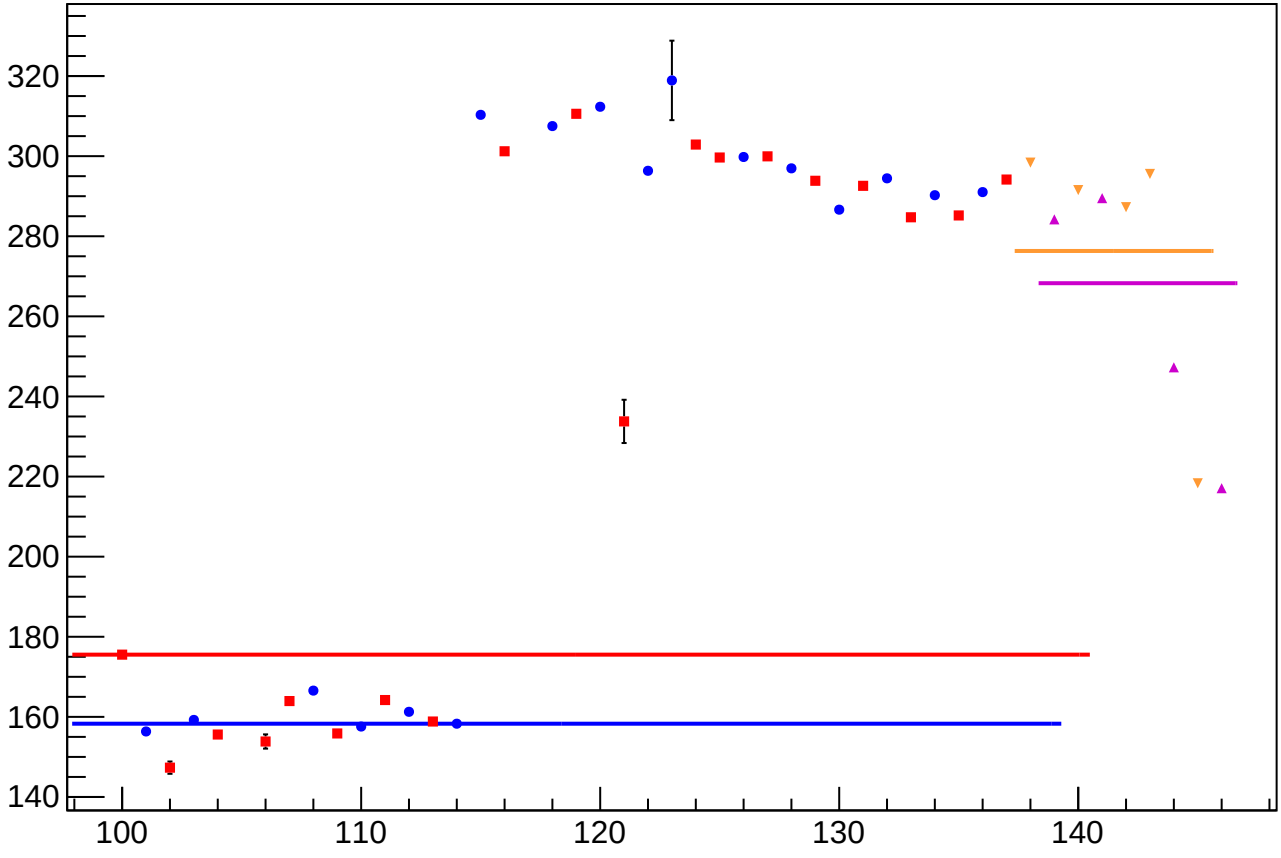
Left In: -18.789+/-0.049 χ^2/NDF:16664.3/3

+ sign 4.057+/-0.000 χ^2/NDF: 1838911.8/21

All: 4.057+/-0.000 χ^2/NDF: 3238396.5/44

- sign -21.964+/-0.023 χ^2/NDF: 138619.5/22

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 276.327+/-0.081 χ^2/NDF:154853.5/4

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

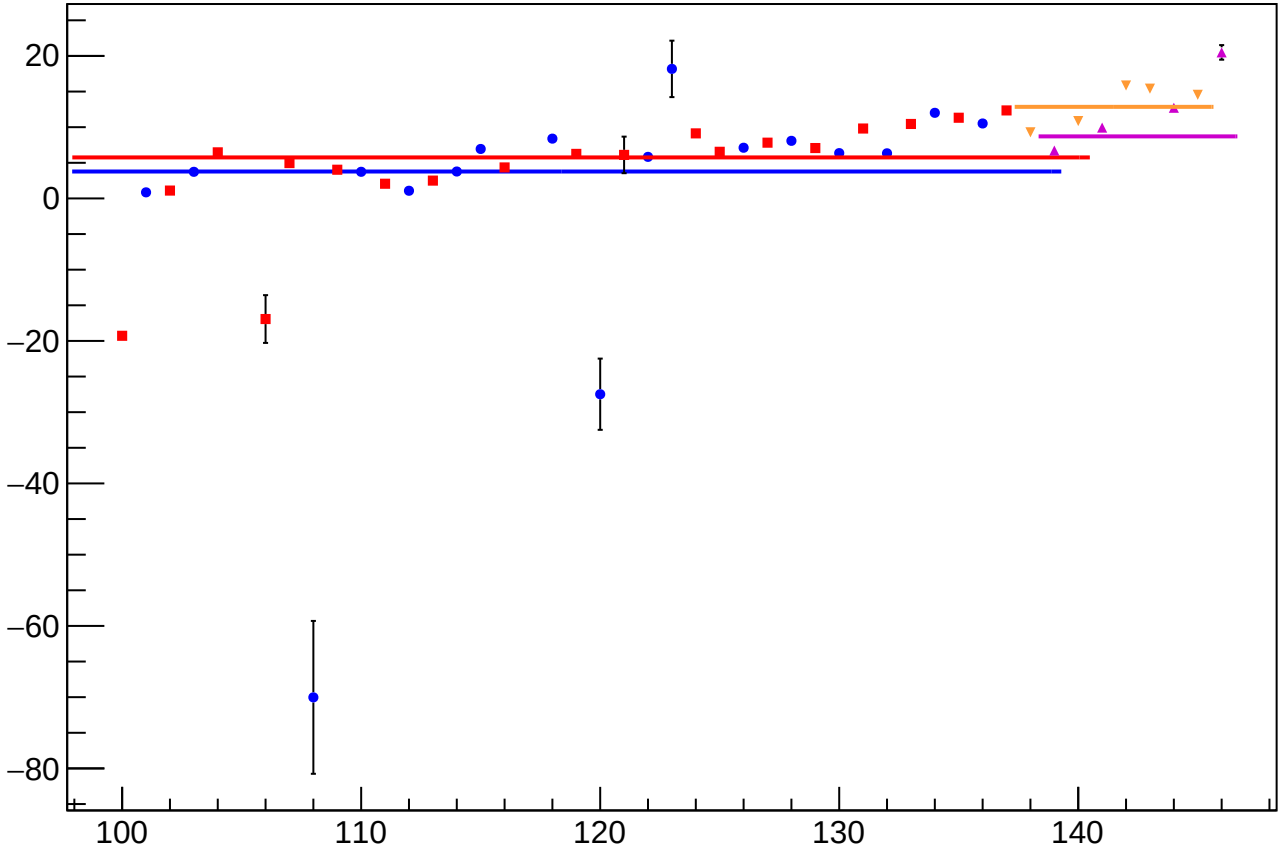
Left In: 268.278+/-0.164 χ^2/NDF:34462.7/3

+ sign 158.293+/-0.000 χ^2/NDF: 4694668.8/21

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 2456255.9/22

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 12.855+/-0.111 χ^2/NDF:472.4/4

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

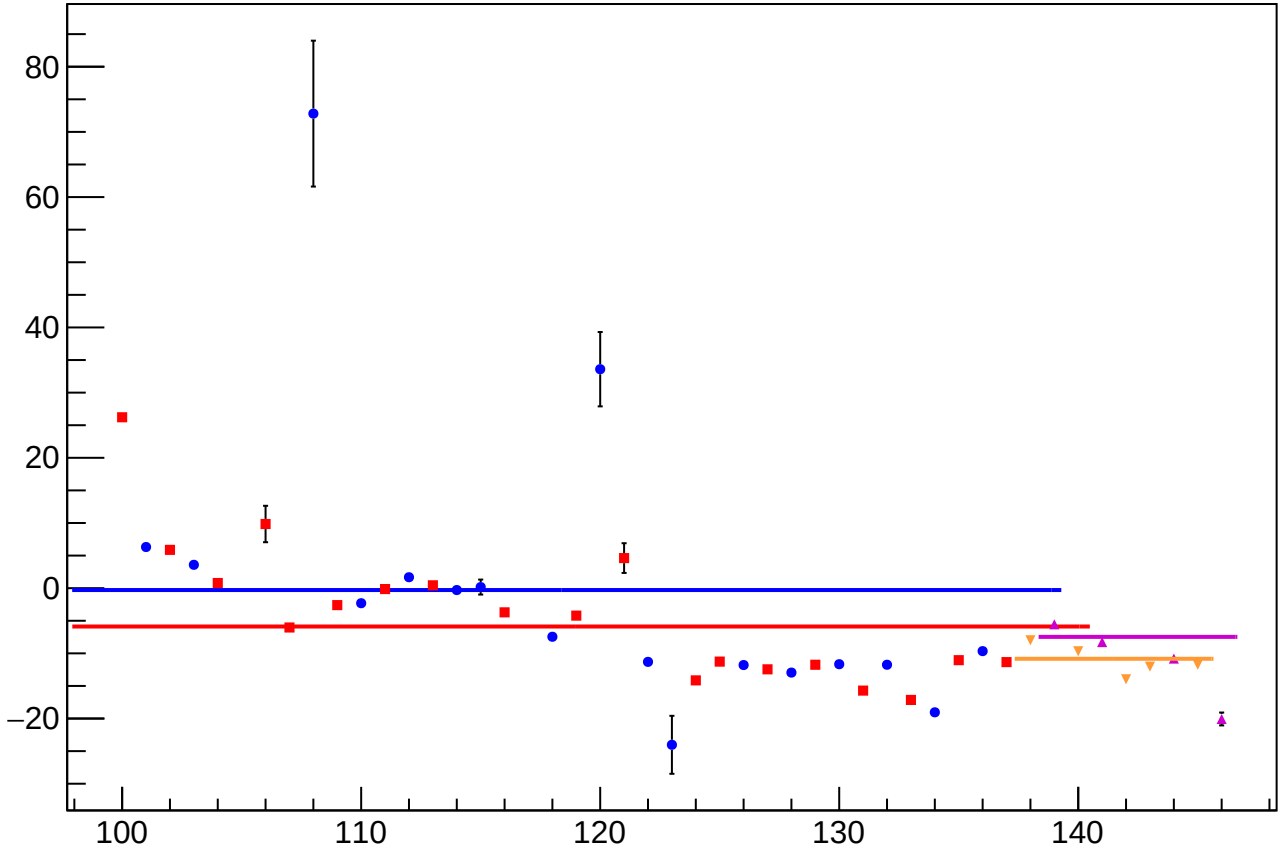
Left In: 8.708+/-0.062 χ^2/NDF:1335.5/3

+ sign 3.778+/-0.000 χ^2/NDF: 14081.5/21

All: 3.778+/-0.000 χ^2/NDF: 49885.1/44

- sign 6.188+/-0.024 χ^2/NDF: 25550.8/22

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -10.832+/-0.109 χ^2/NDF:224.3/4

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

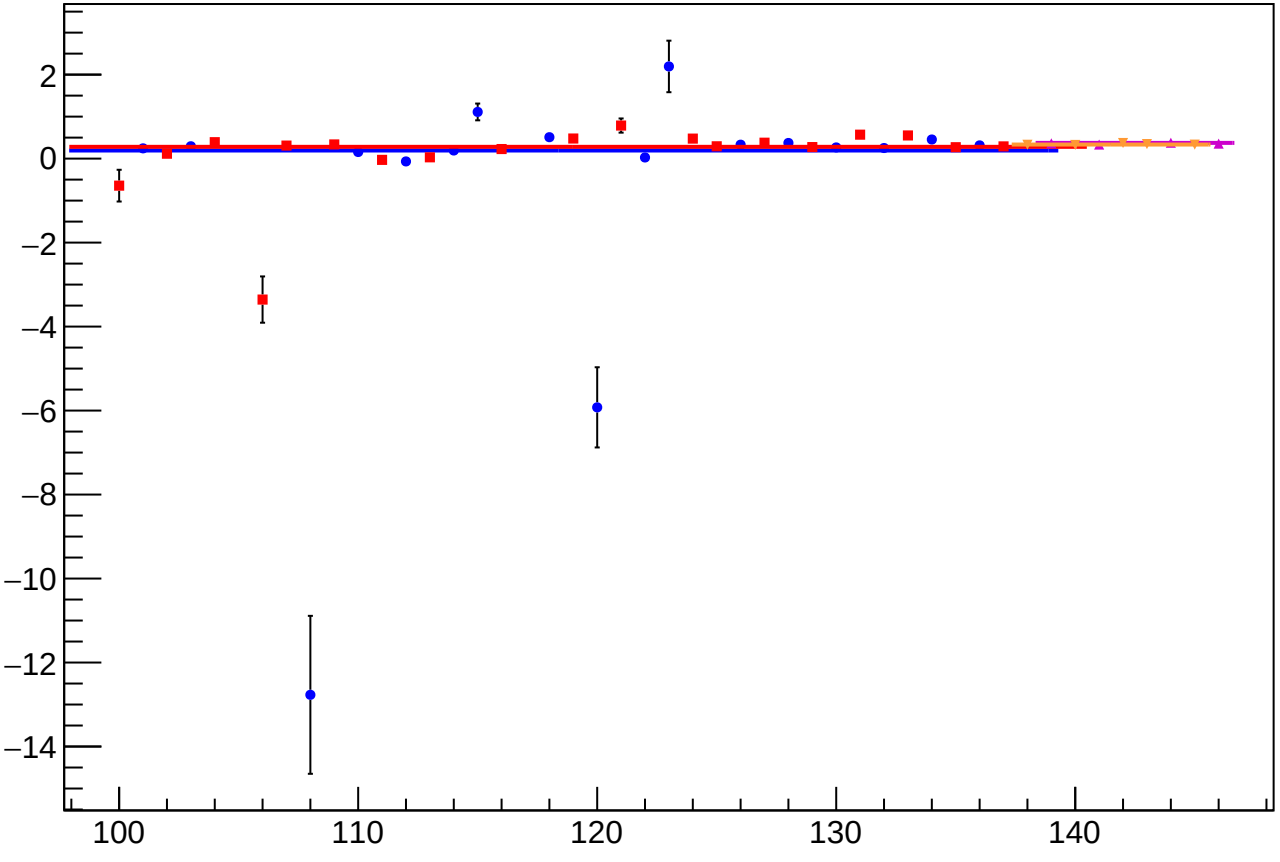
Left In: -7.471+/-0.066 χ^2/NDF:991.6/3

+ sign -0.287+/-0.000 χ^2/NDF: 53811.4/21

All: -0.287+/-0.000 χ^2/NDF: 172392.5/44

- sign -6.112+/-0.025 χ^2/NDF: 64979.6/22

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.335+/-0.001 χ^2/NDF:79.9/4

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

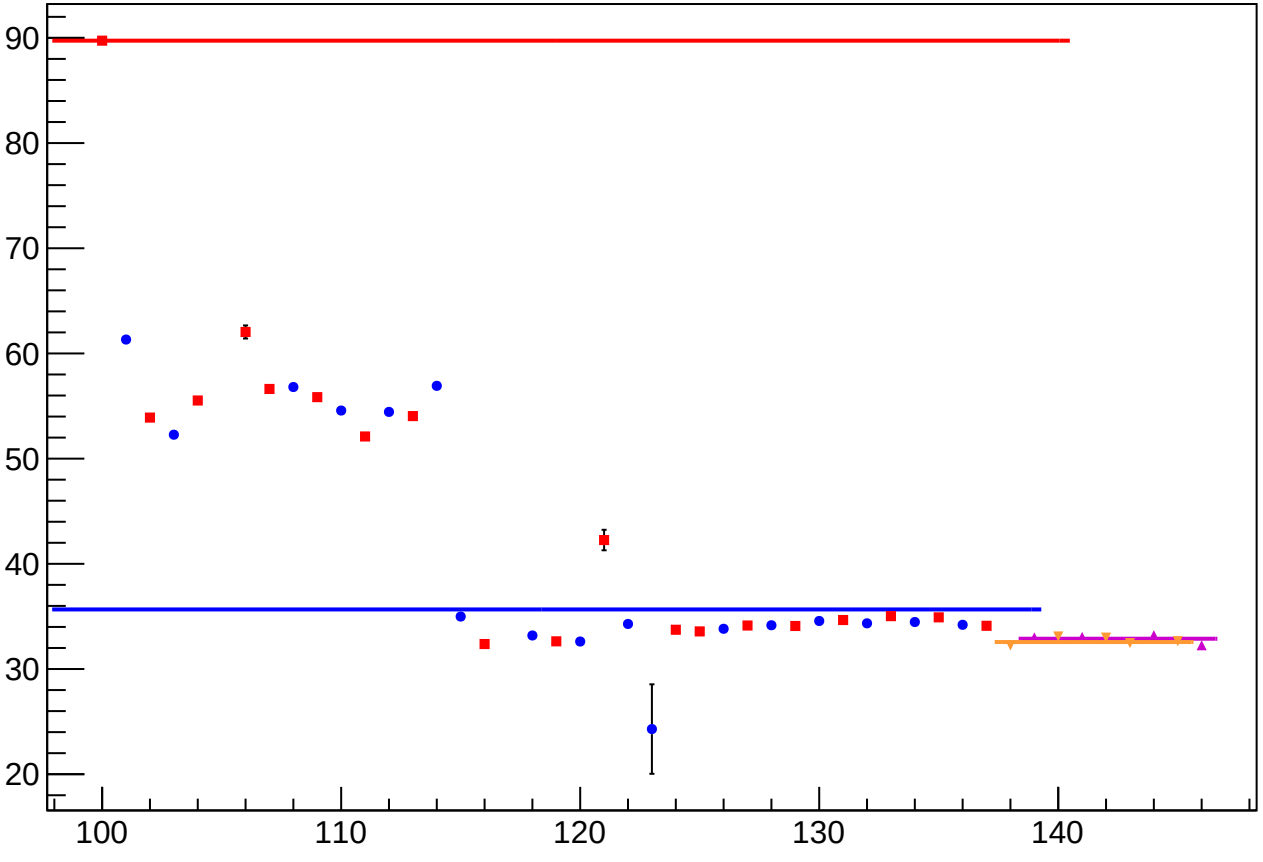
Left In: 0.374+/-0.001 χ^2/NDF:71.5/3

+ sign 0.193+/-0.000 χ^2/NDF: 25092.6/21

All: 0.193+/-0.000 χ^2/NDF: 54687.3/44

- sign 0.334+/-0.001 χ^2/NDF: 8438.3/22

dit_sam5_4aY_slope vs Slug



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.564+/-0.012 χ^2/NDF:466.6/4

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

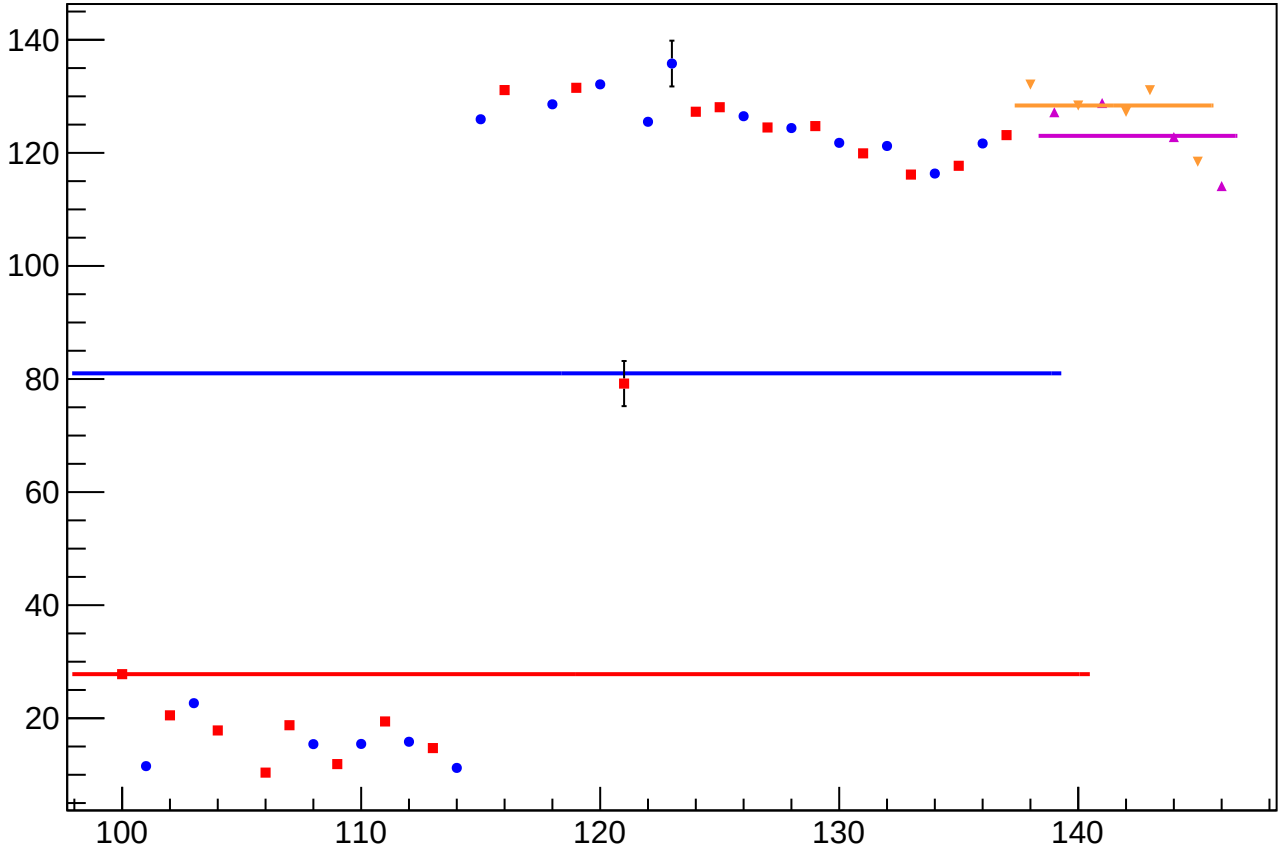
Left In: 32.880+/-0.013 χ^2/NDF:828.7/3

+ sign 34.252+/-0.008 χ^2/NDF: 253012.7/21

All: 89.735+/-0.000 χ^2/NDF: 87713427.6/44

- sign 89.735+/-0.000 χ^2/NDF: 43687680.2/22

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 128.383+/-0.035 χ^2/NDF:14788.9/4

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

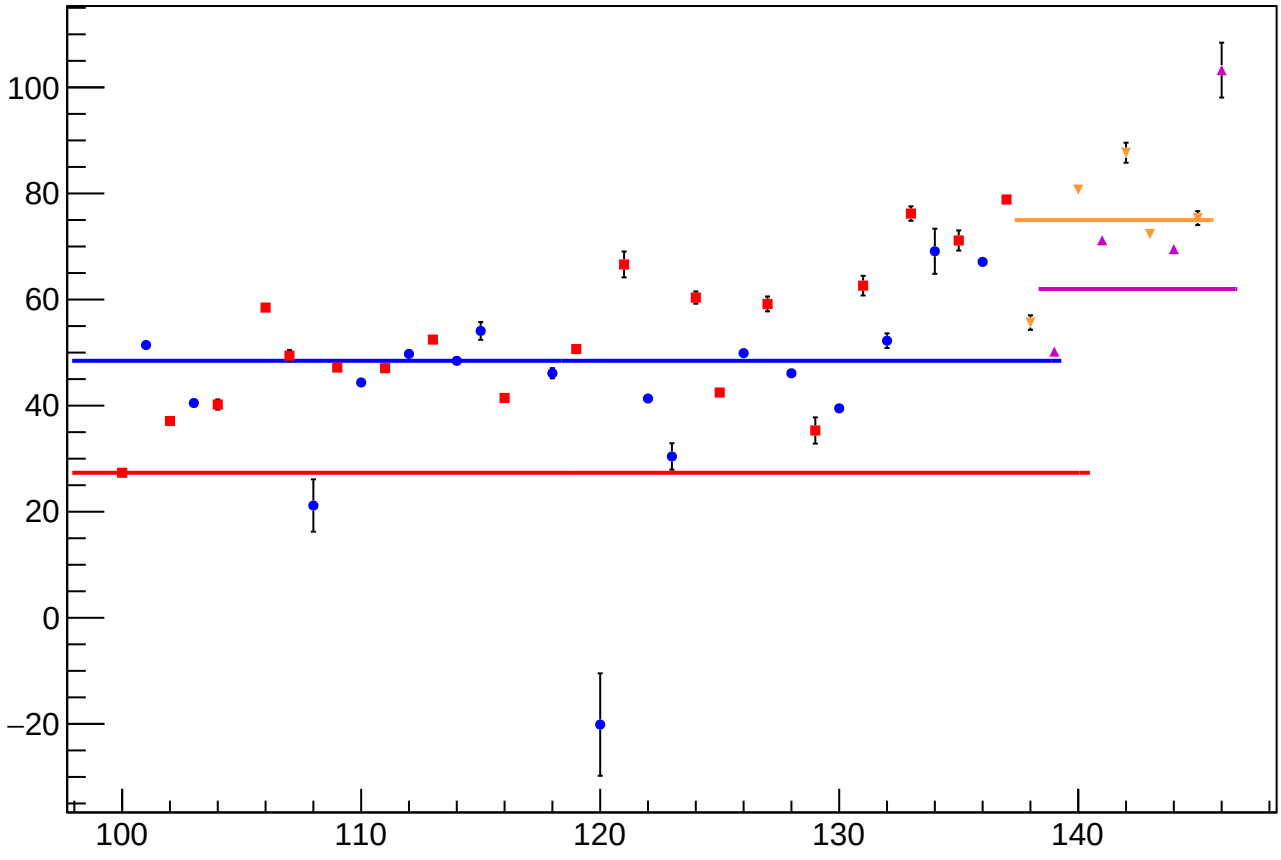
Left In: 123.012+/-0.050 χ^2/NDF:15236.4/3

+ sign 104.617+/-0.024 χ^2/NDF: 3181810.6/21

All: 27.798+/-0.000 χ^2/NDF: 25846030.4/44

- sign 27.798+/-0.000 χ^2/NDF: 12798514.1/22

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 74.970+/-0.455 χ^2/NDF:314.3/4

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

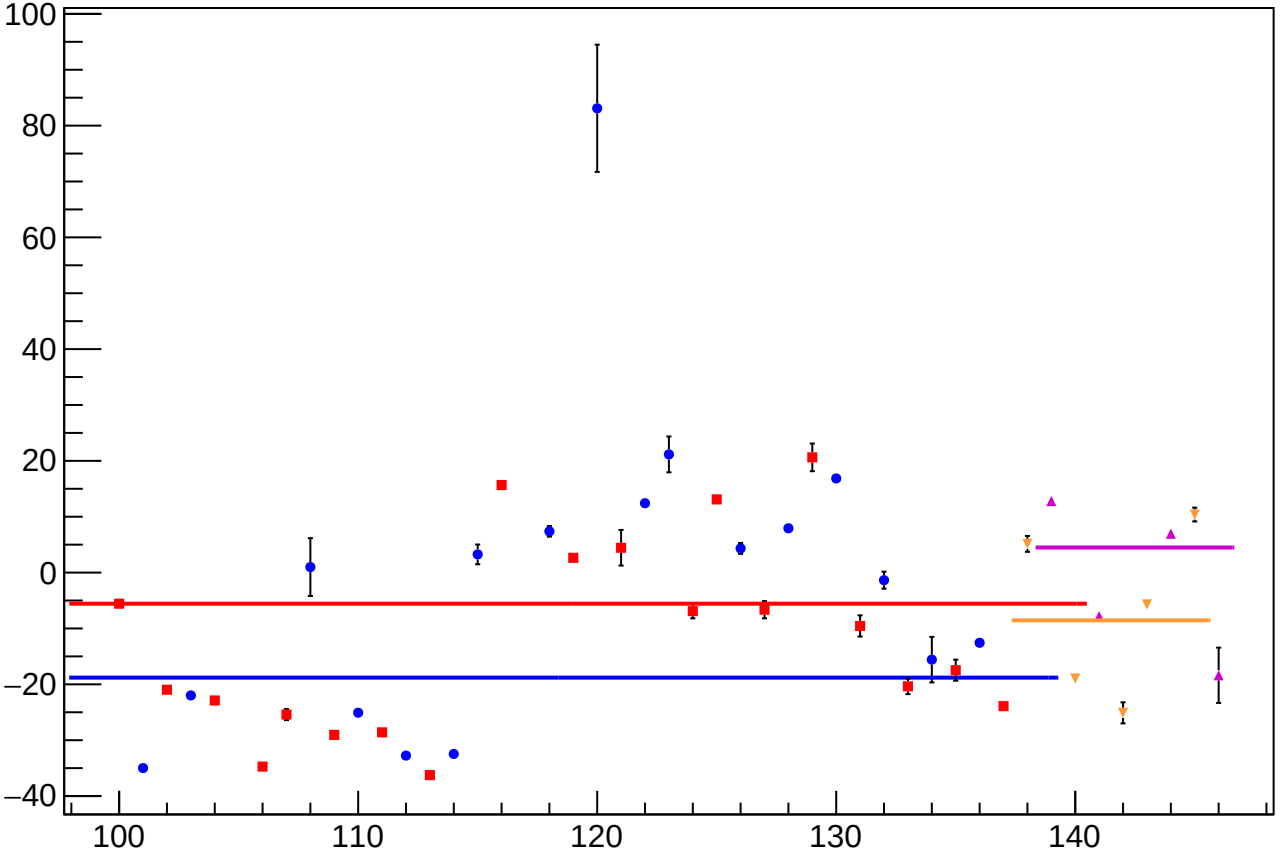
Left In: 61.992+/-0.331 χ^2/NDF:981.4/3

+ sign 48.450+/-0.000 χ^2/NDF: 6465.7/21

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 37766.0/22

dit_sam6_4eX_slope vs Slug



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -8.549+/-0.453 χ^2/NDF:614.8/4

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

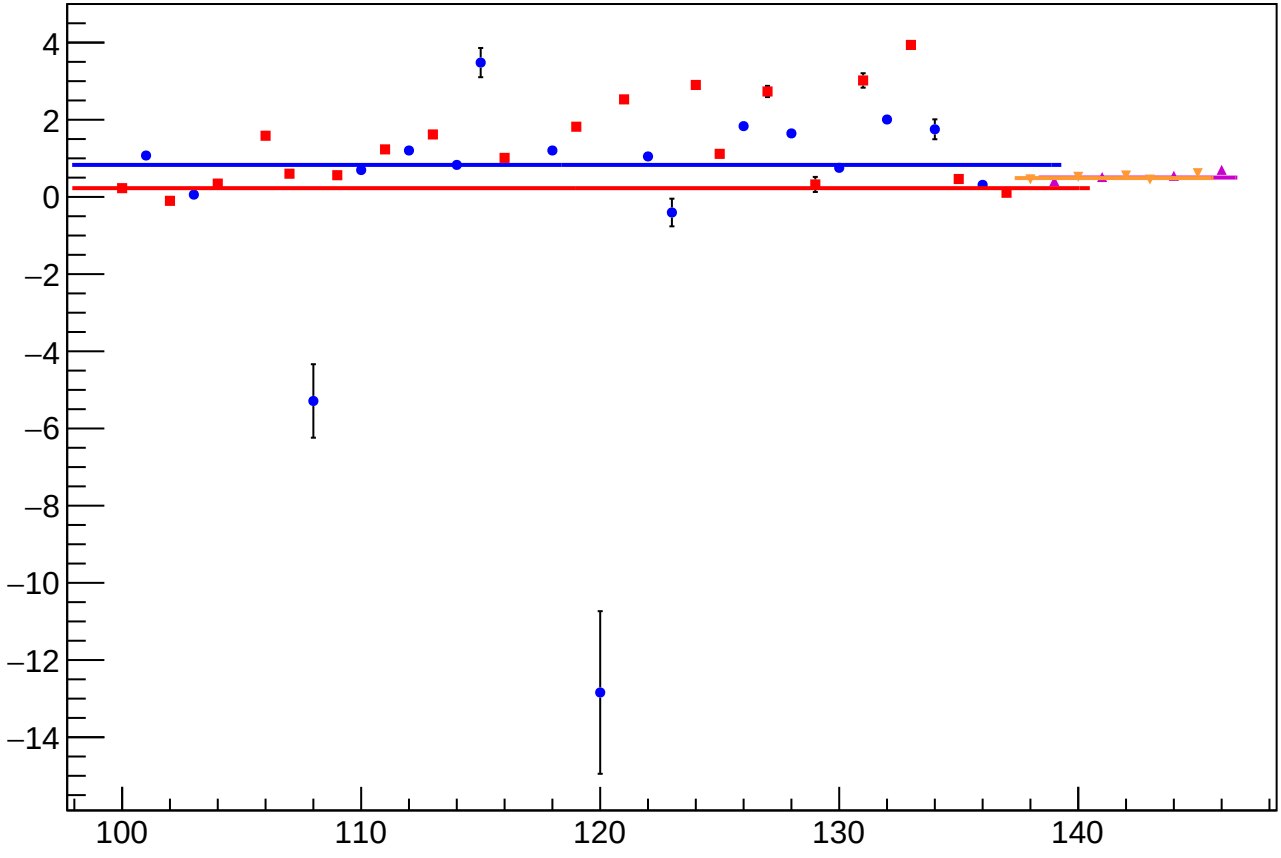
Left In: 4.493+/-0.325 χ^2/NDF:790.5/3

+ sign -17.804+/-0.141 χ^2/NDF: 12842.6/21

All: -5.568+/-0.000 χ^2/NDF: 45213.5/44

- sign -5.568+/-0.000 χ^2/NDF: 24844.1/22

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.489+/-0.003 χ^2/NDF:264.9/4

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

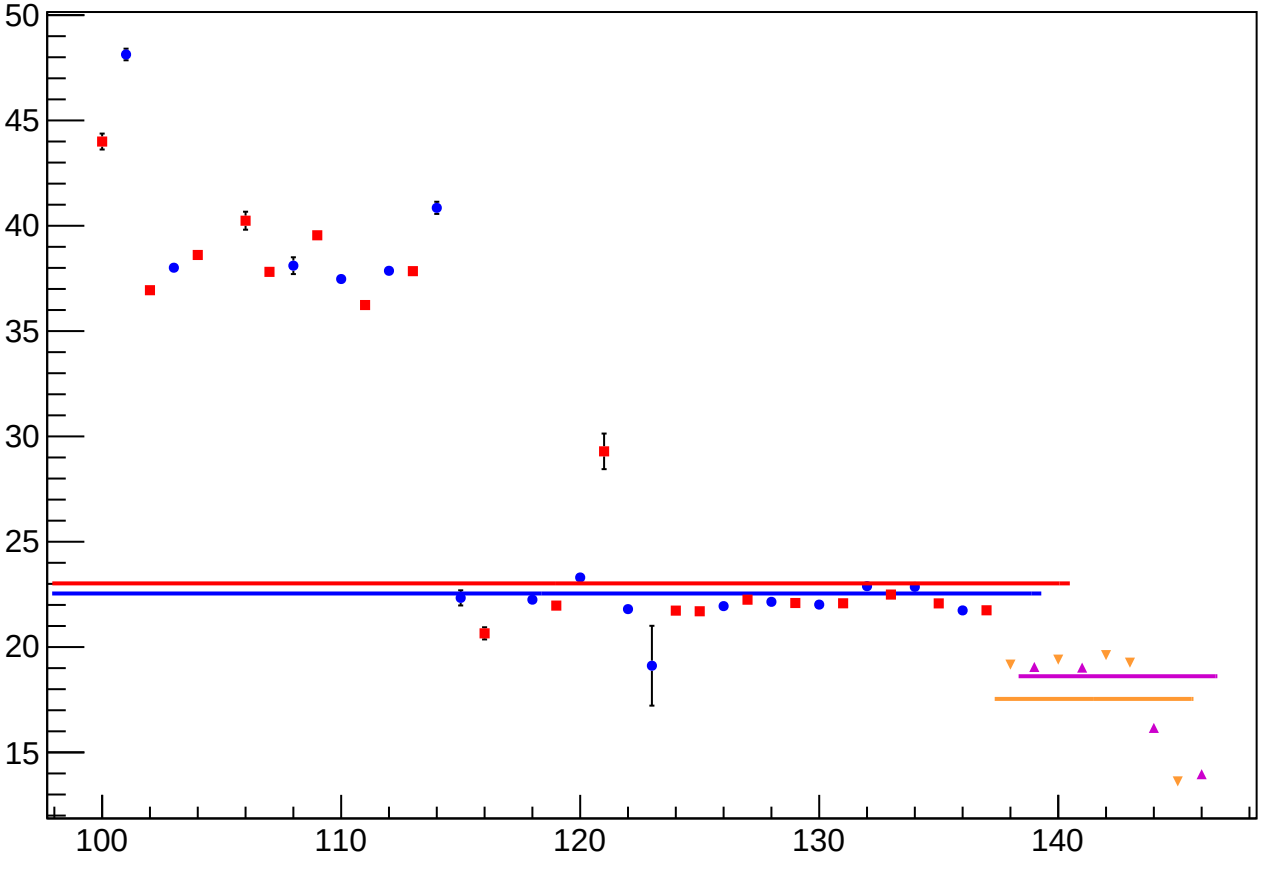
Left In: 0.502+/-0.003 χ^2/NDF:439.4/3

+ sign 0.830+/-0.000 χ^2/NDF: 30304.3/21

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 23091.2/22

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 17.539+/-0.010 χ^2/NDF:66335.4/4

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

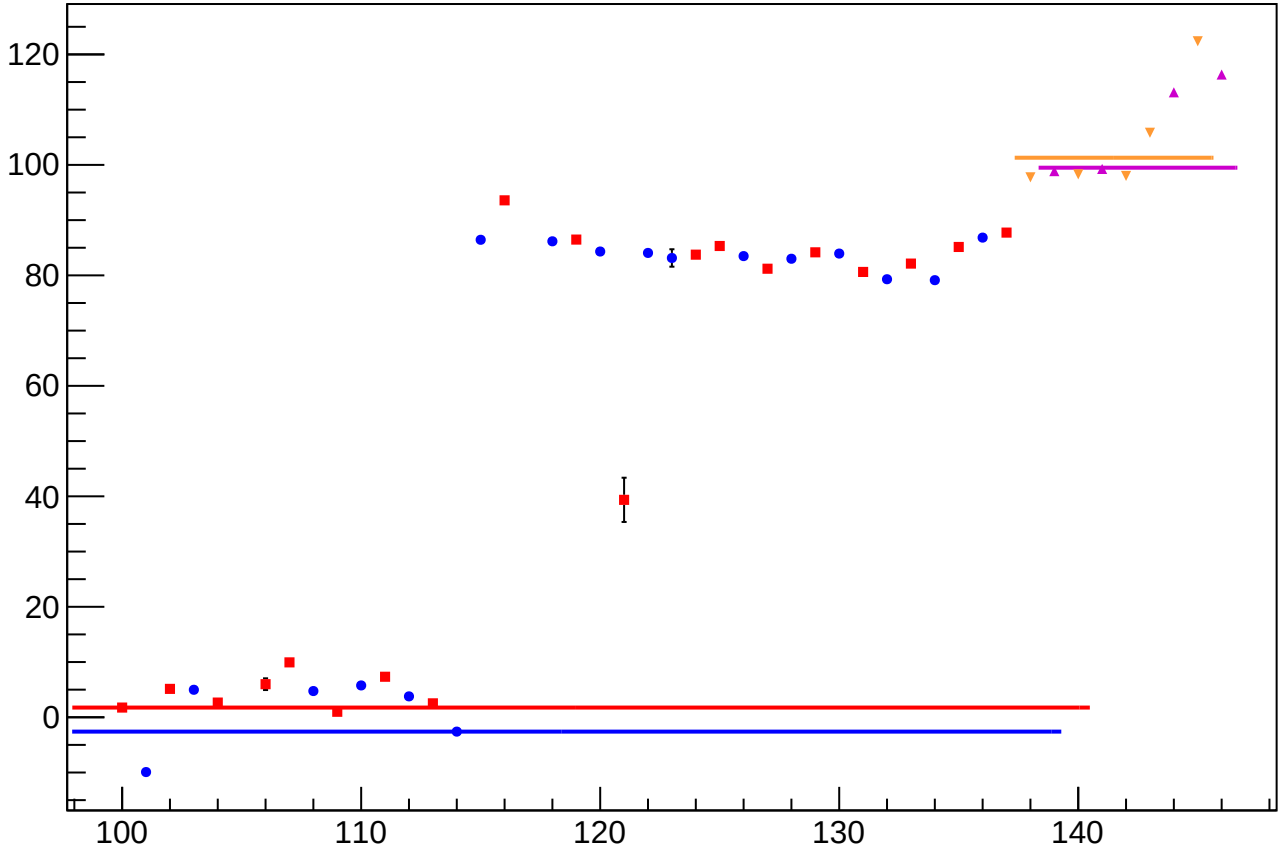
Left In: 18.615+/-0.016 χ^2/NDF:7316.2/3

+ sign 20.311+/-0.007 χ^2/NDF: 300630.6/21

All: 21.013+/-0.005 χ^2/NDF: 557227.0/44

- sign 21.906+/-0.008 χ^2/NDF: 233291.9/22

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 101.298+/-0.029 χ^2/NDF:51240.7/4

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

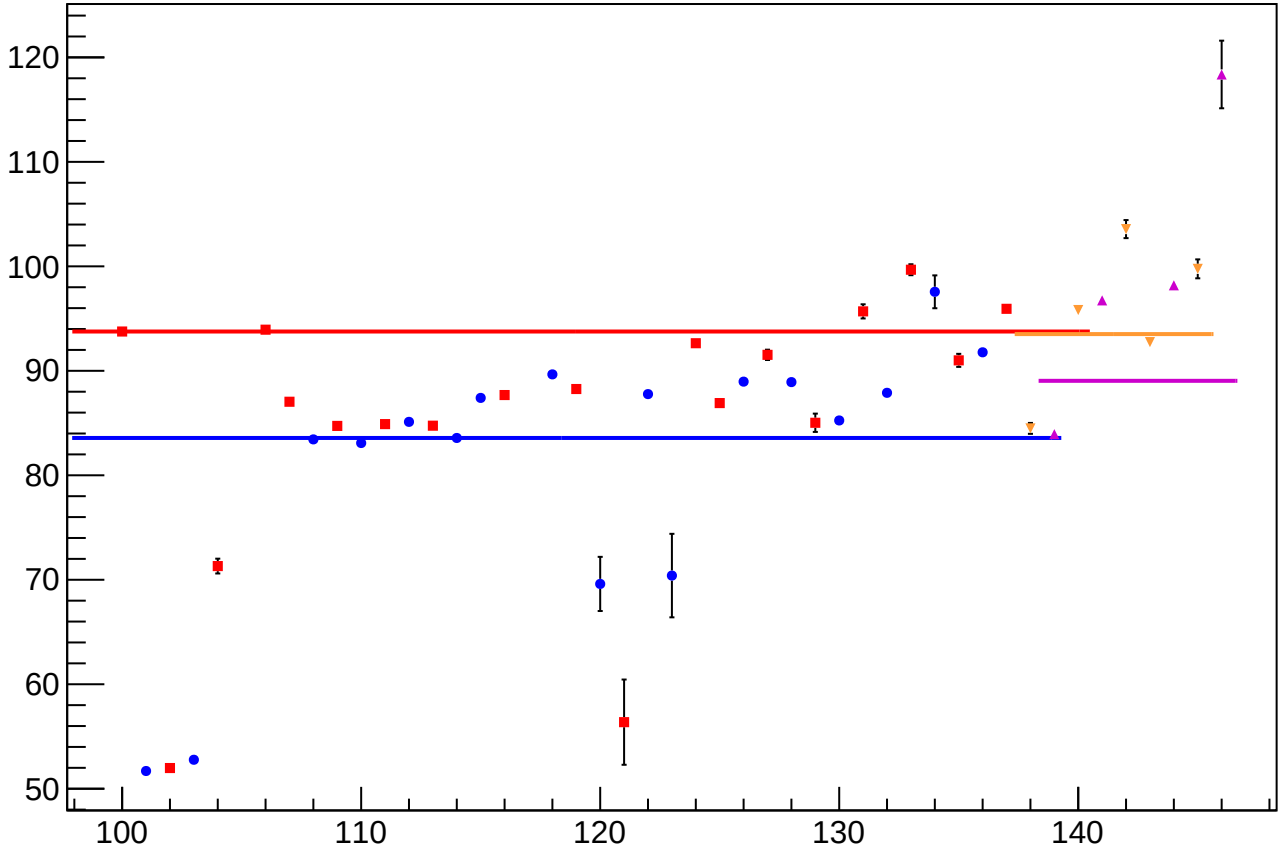
Left In: 99.492+/-0.031 χ^2/NDF:4680.3/3

+ sign -2.596+/-0.000 χ^2/NDF: 20321005.6/21

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 14387188.5/22

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 93.516+/-0.173 χ^2/NDF:548.3/4

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

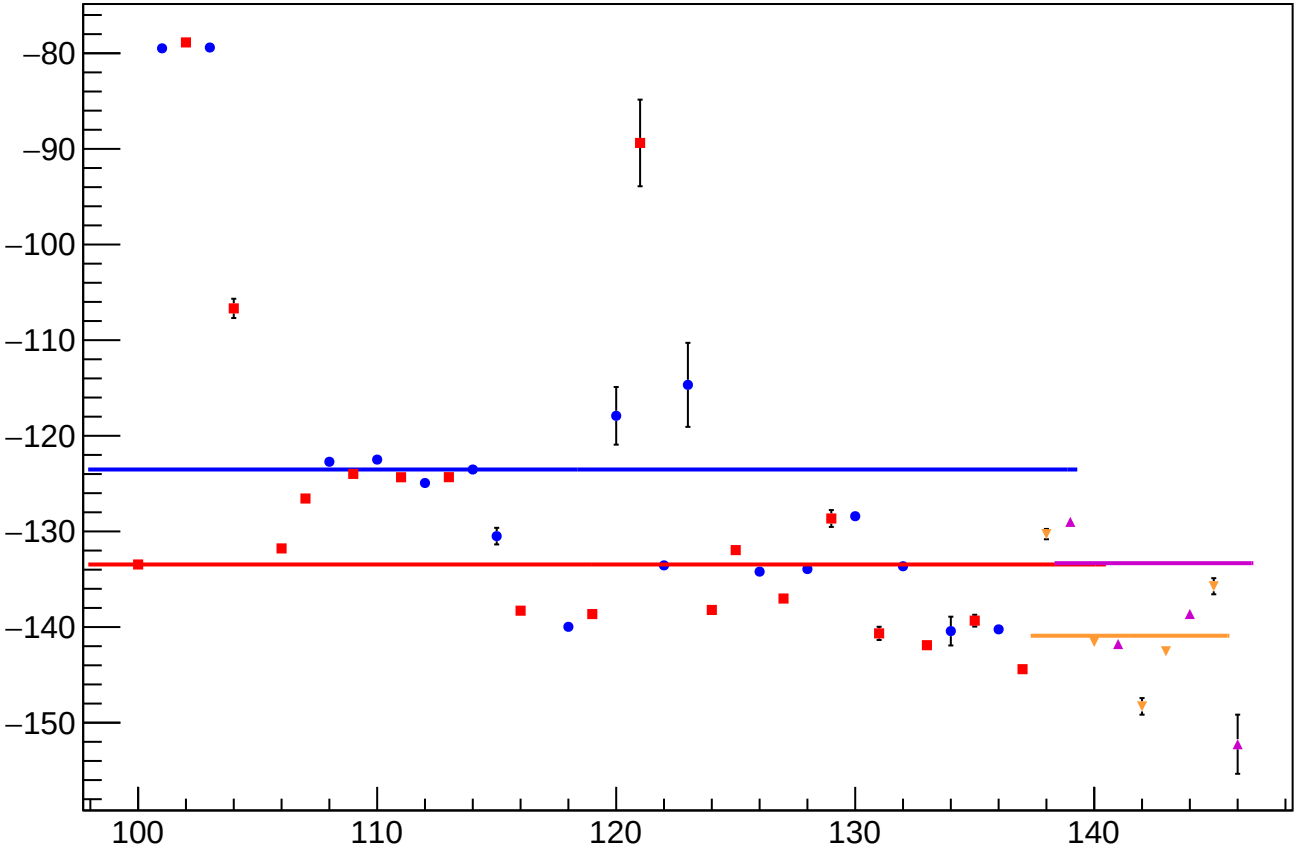
Left In: 89.042+/-0.145 χ^2/NDF:2091.1/3

+ sign 83.573+/-0.000 χ^2/NDF: 53307.7/21

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 85999.2/22

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -140.906+/-0.172 χ^2/NDF:545.6/4

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

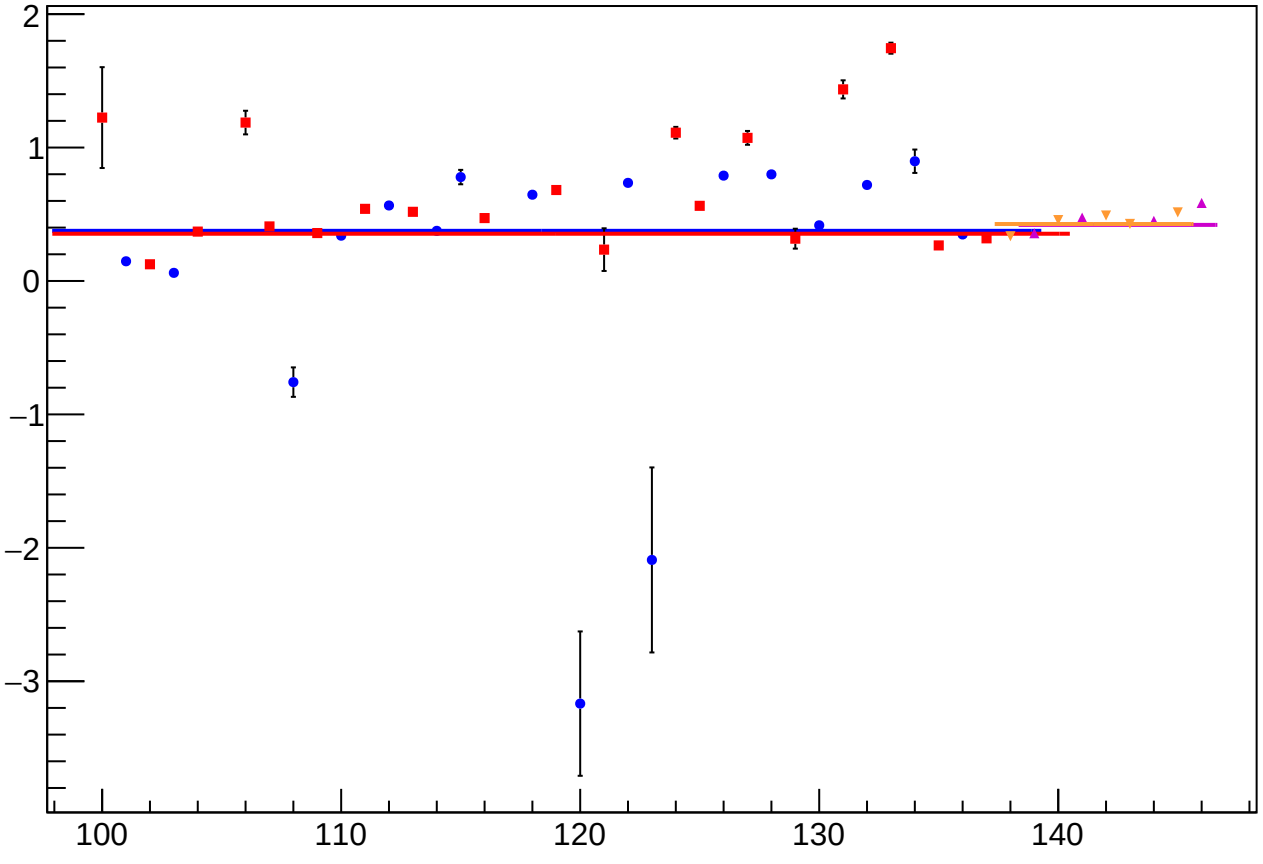
Left In: -133.320+/-0.139 χ^2/NDF:1658.7/3

+ sign -123.524+/-0.000 χ^2/NDF: 171094.6/21

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 396555.9/22

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.427+/-0.001 χ^2/NDF:700.9/4

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

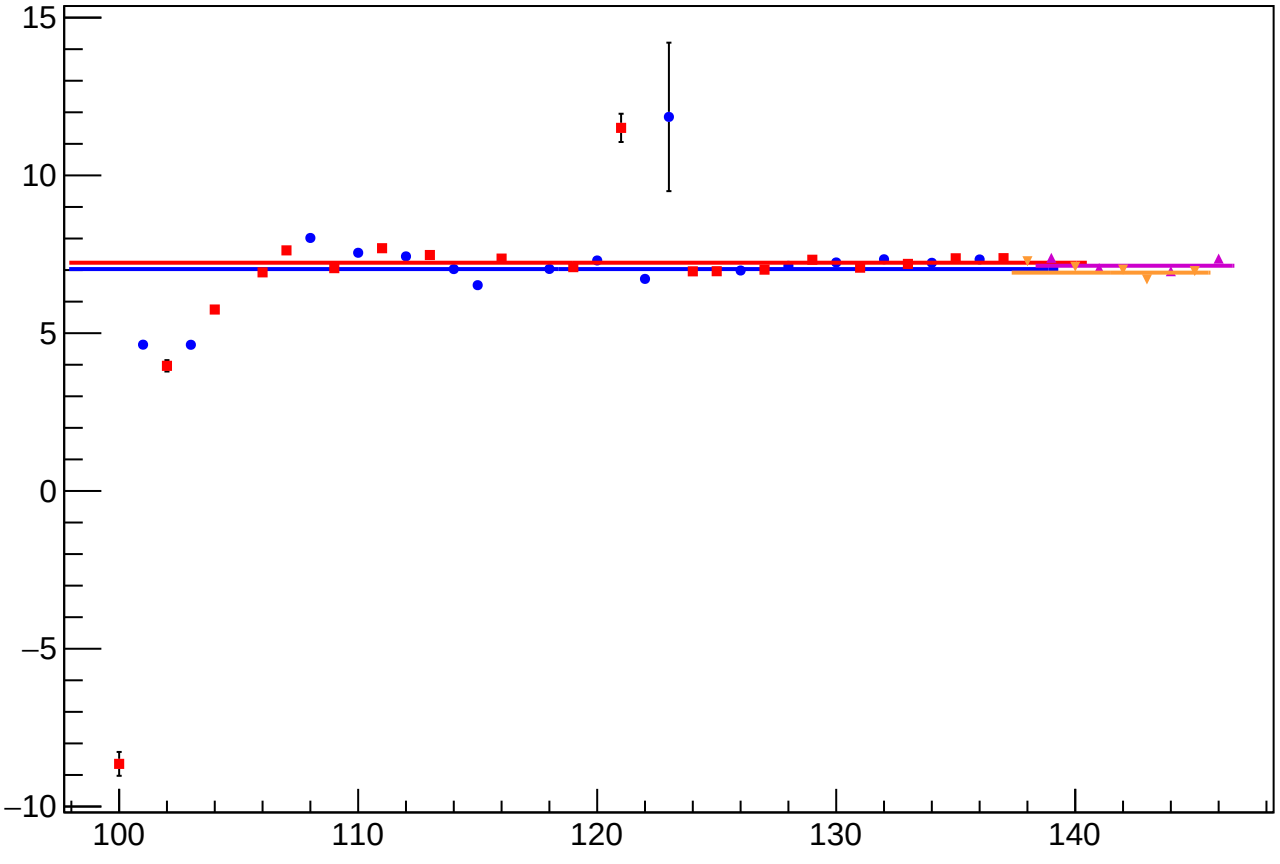
Left In: 0.420+/-0.001 χ^2/NDF:2649.6/3

+ sign 0.376+/-0.000 χ^2/NDF: 5998.2/21

All: 0.376+/-0.000 χ^2/NDF: 15137.4/44

- sign 0.398+/-0.001 χ^2/NDF: 8515.4/22

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 6.919+/-0.003 χ^2/NDF:6617.2/4

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

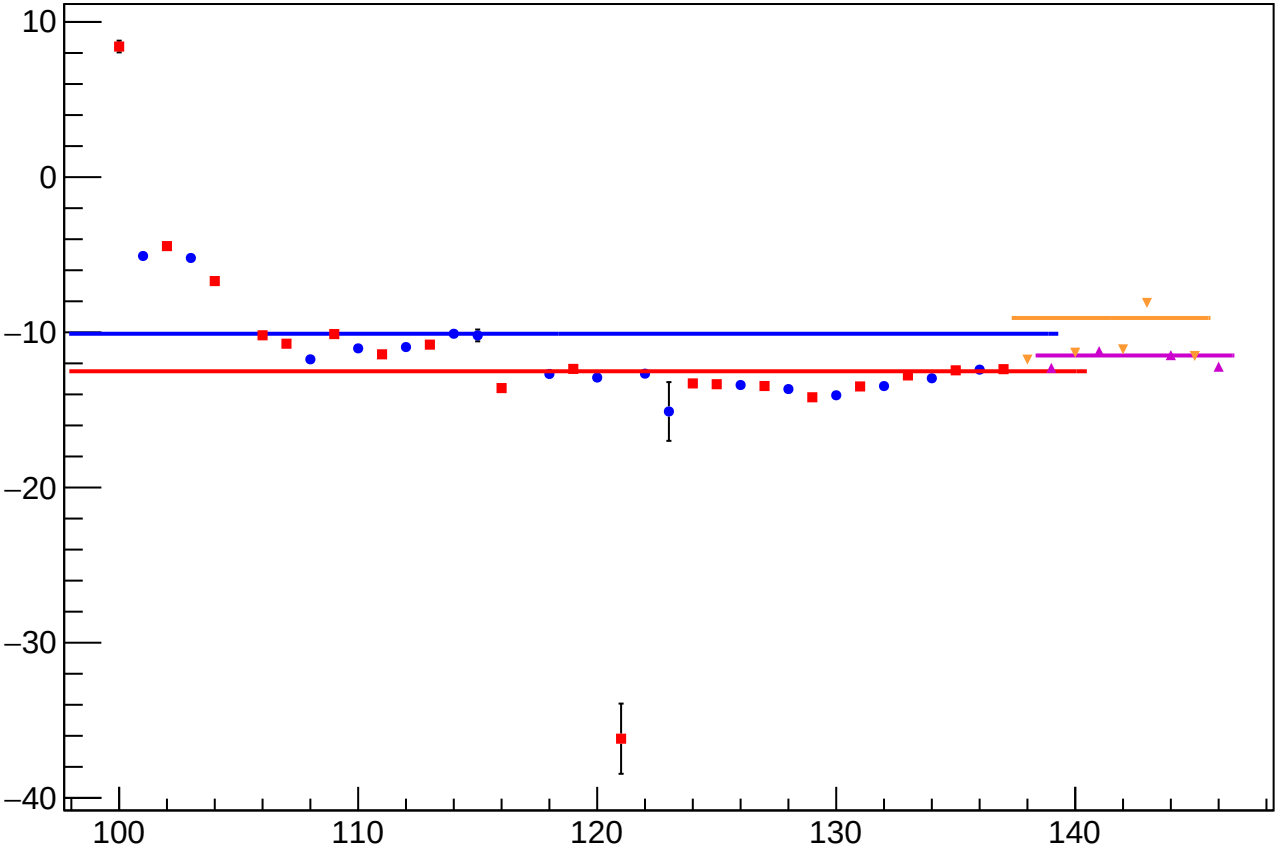
Left In: 7.138+/-0.002 χ^2/NDF:5843.0/3

+ sign 7.032+/-0.000 χ^2/NDF: 28077.5/21

All: 7.032+/-0.000 χ^2/NDF: 53068.7/44

- sign 7.186+/-0.002 χ^2/NDF: 16699.1/22

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -9.074+/-0.005 χ^2/NDF:89855.6/4

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

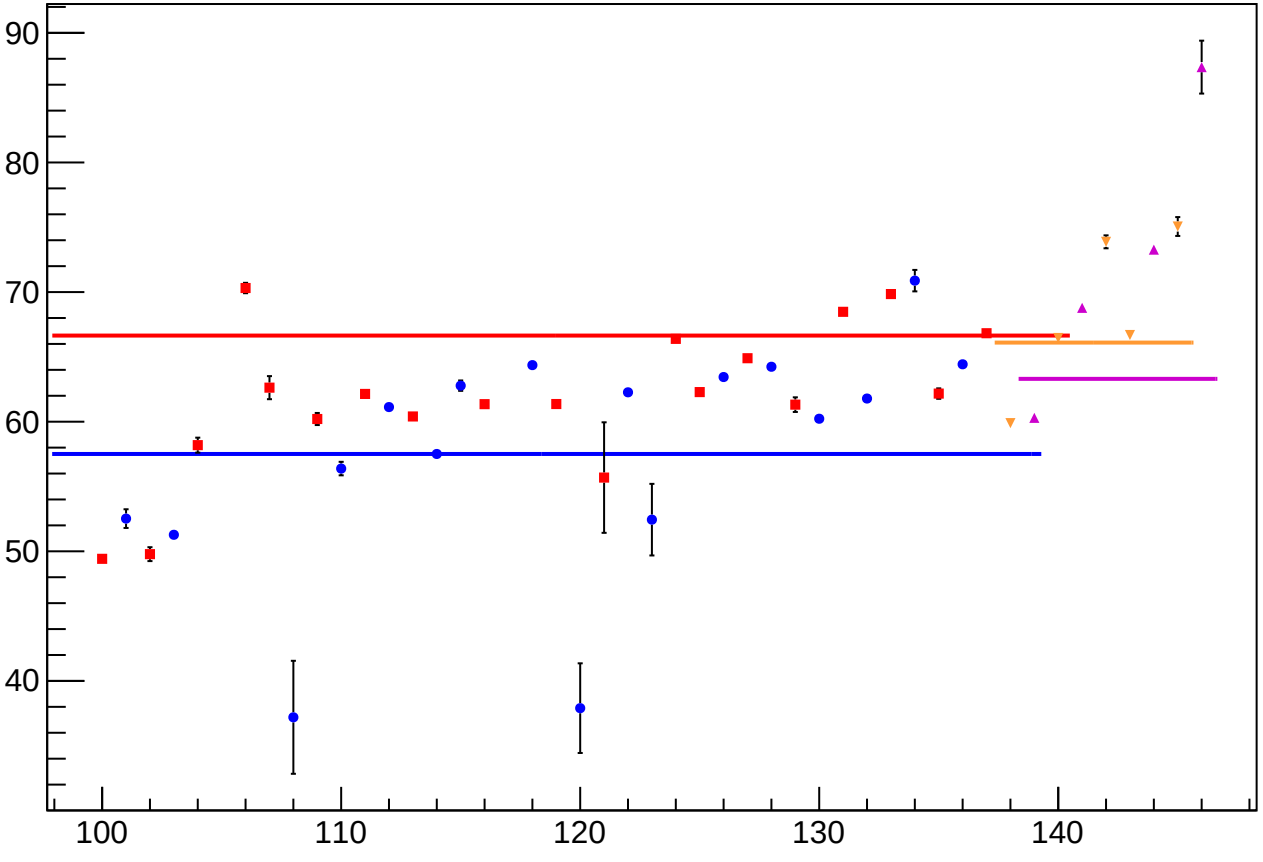
Left In: -11.492+/-0.007 χ^2/NDF:3236.7/3

+ sign -10.092+/-0.000 χ^2/NDF: 674243.8/21

All: -10.092+/-0.000 χ^2/NDF: 1234521.6/44

- sign -12.290+/-0.003 χ^2/NDF: 122592.0/22

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 66.104+/-0.119 χ^2/NDF:871.6/4

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

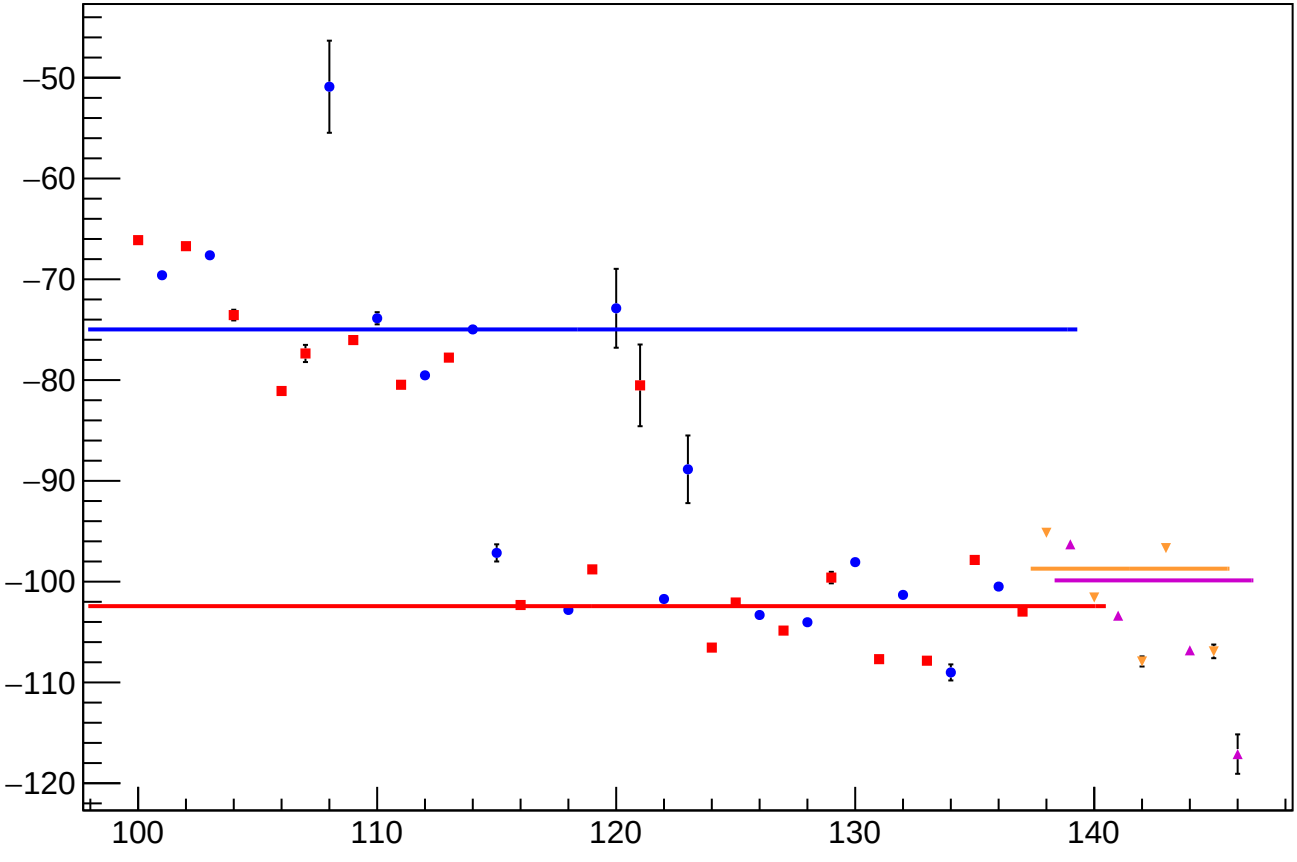
Left In: 63.305+/-0.098 χ^2/NDF:2324.1/3

+ sign 57.510+/-0.000 χ^2/NDF: 14183.8/21

All: 57.510+/-0.000 χ^2/NDF: 516317.1/44

- sign 66.587+/-0.013 χ^2/NDF: 11623.6/22

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -98.712+/-0.119 χ^2/NDF:920.0/4

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

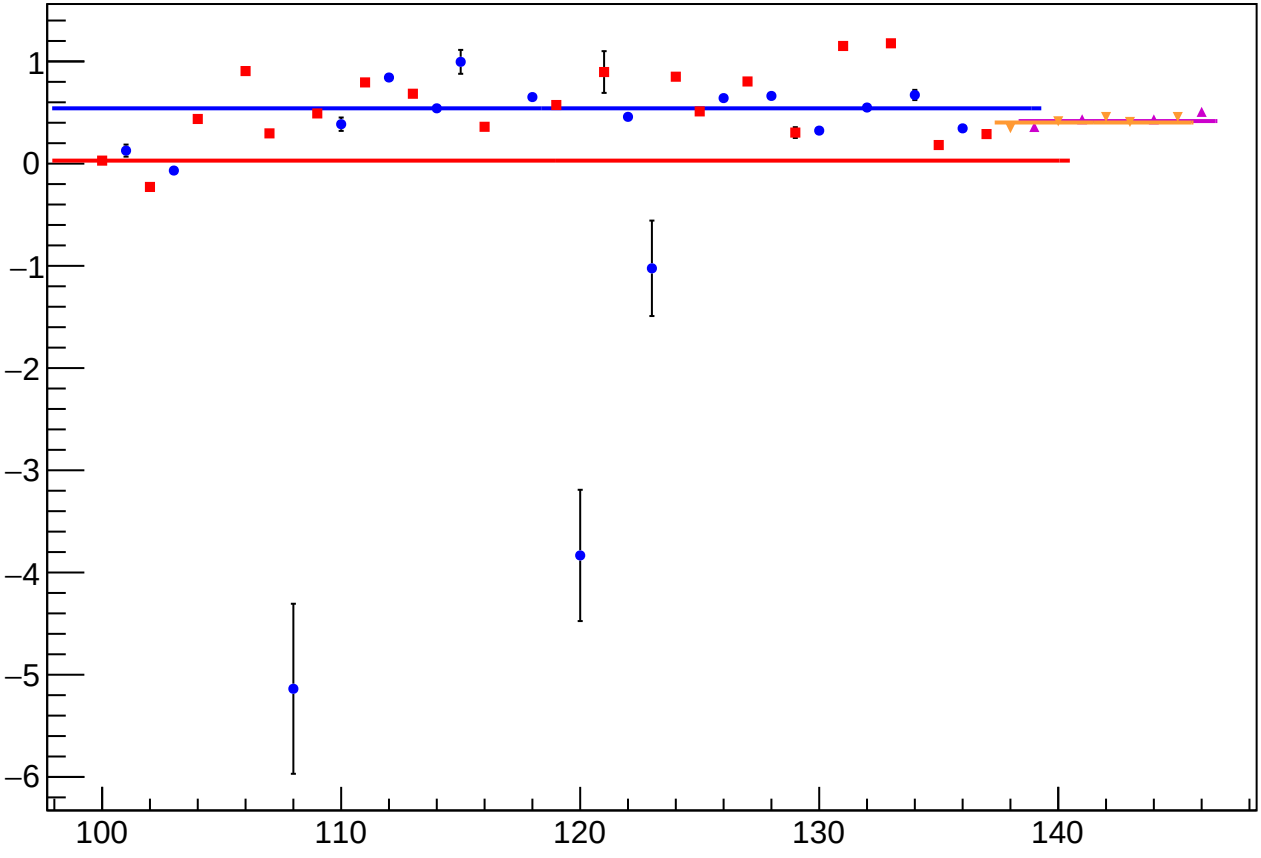
Left In: -99.875+/-0.115 χ^2/NDF:1331.4/3

+ sign -74.974+/-0.000 χ^2/NDF: 171028.6/21

All: -74.974+/-0.000 χ^2/NDF: 2644844.0/44

- sign -102.371+/-0.018 χ^2/NDF: 52187.1/22

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.402+/-0.001 χ^2/NDF:528.9/4

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

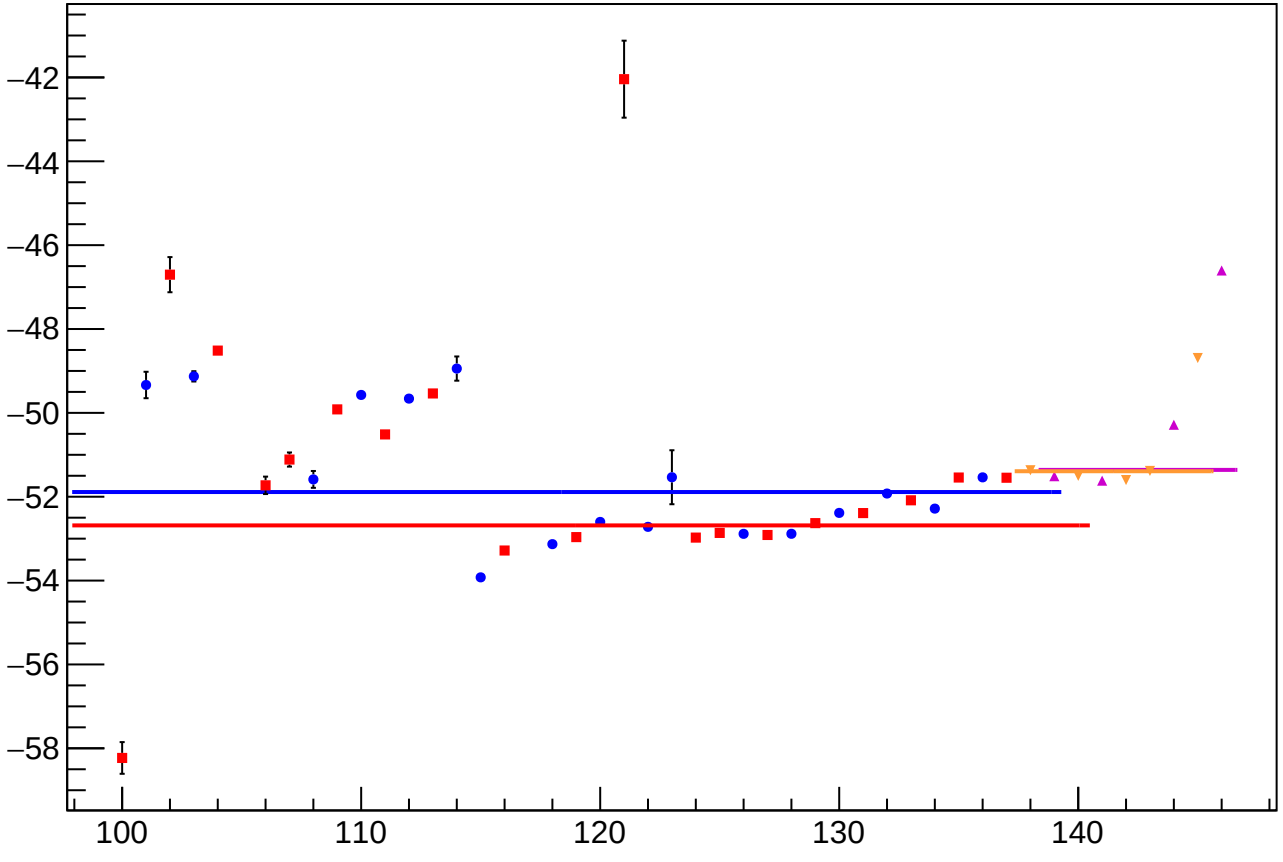
Left In: 0.416+/-0.001 χ^2/NDF:1069.7/3

+ sign 0.541+/-0.000 χ^2/NDF: 44585.4/21

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 277646.8/22

dit_sam8_4aY_slope vs Slug



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -51.392+/-0.004 χ^2/NDF:5032.7/4

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

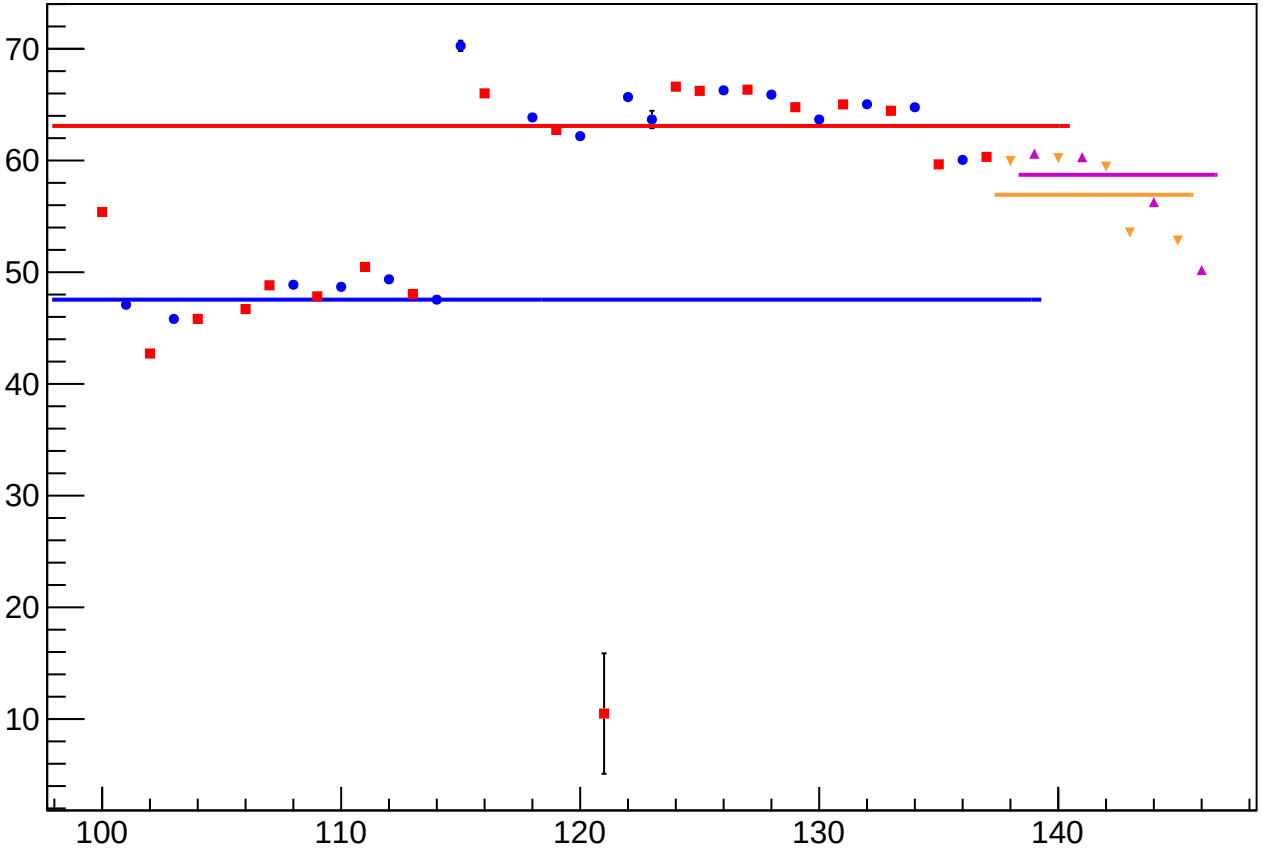
Left In: -51.360+/-0.004 χ^2/NDF:67740.5/3

+ sign -51.785+/-0.002 χ^2/NDF: 92945.7/21

All: -52.010+/-0.001 χ^2/NDF: 328505.8/44

- sign -52.269+/-0.002 χ^2/NDF: 207747.5/22

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 56.930+/-0.008 χ^2/NDF:159877.9/4

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

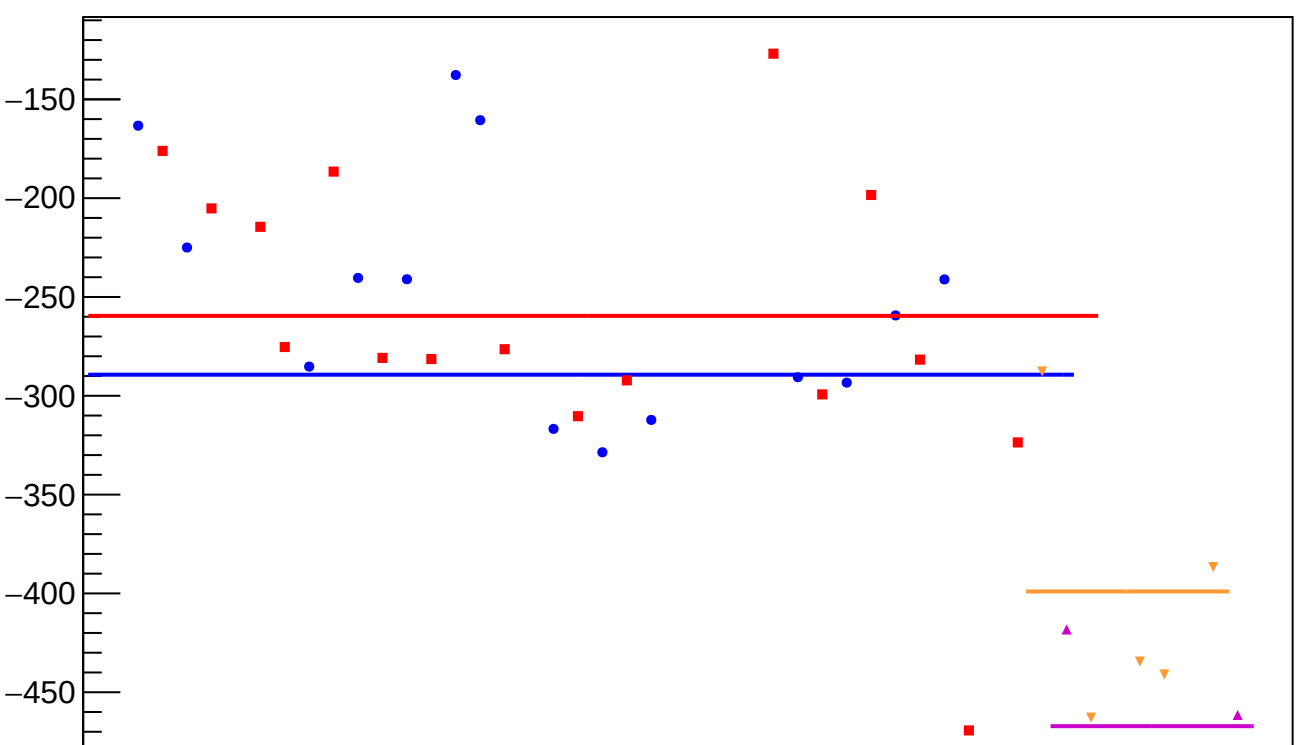
Left In: 58.723+/-0.020 χ^2/NDF:27556.0/3

+ sign 47.545+/-0.000 χ^2/NDF: 5019528.6/21

All: 47.545+/-0.000 χ^2/NDF: 10014457.9/44

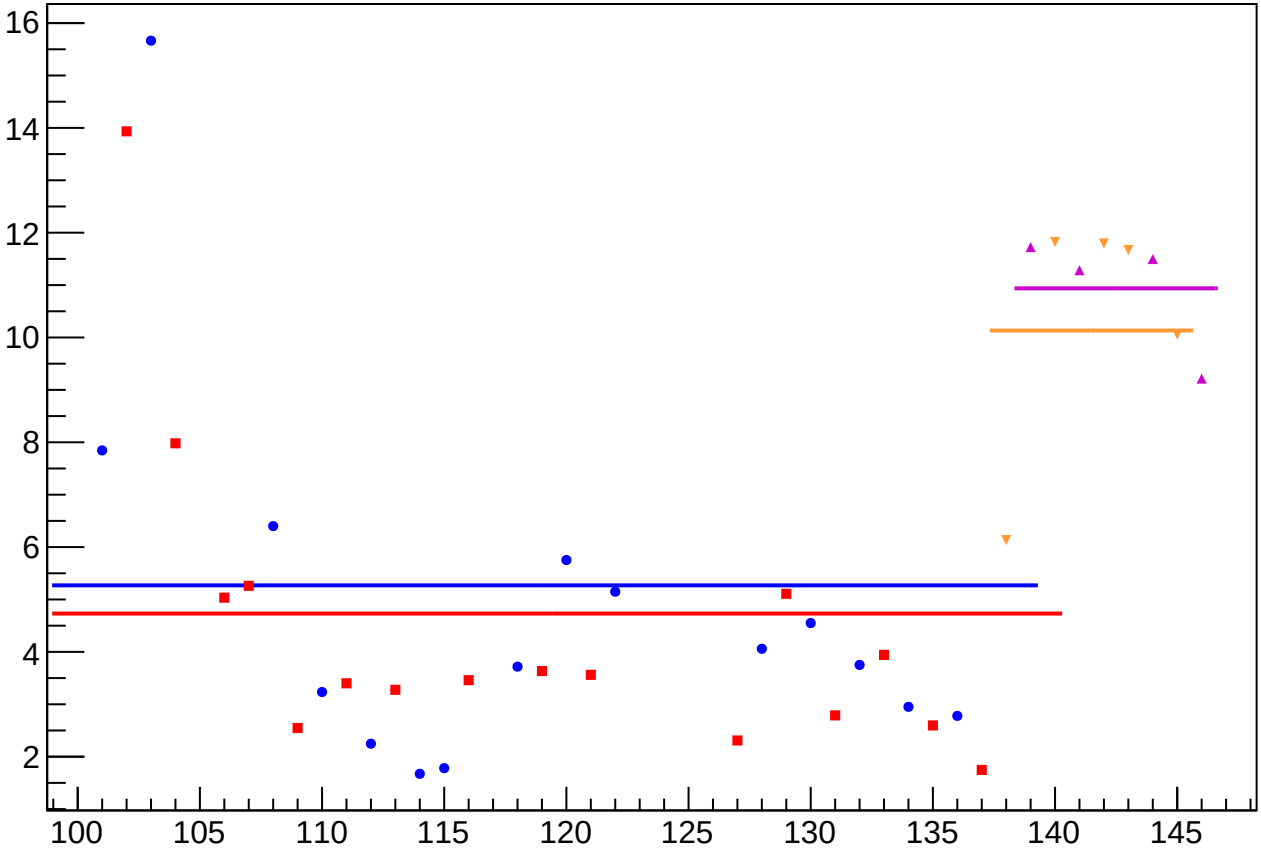
- sign 62.572+/-0.007 χ^2/NDF: 402138.7/22

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14
+ sign -328.037+/-0.000 χ^2/NDF: 96146238853938
Left Out: -399.014+/-0.000 χ^2/NDF:1488823794825315518881387329355776000.0/4
All: -328.711+/-0.000 χ^2/NDF: 2389986543 8
Right Out: -259.558+/-0.000 χ^2/NDF: 4299886792692123970784563983770714112.0/15
- sign -329.385+/-0.000 χ^2/NDF: 14284330048937 6
Left In: -467.179+/-0.000 χ^2/NDF:3145598263860235925896770832344023 04.0/3

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Left Out: 10.133+/-0.000 χ^2/NDF:1767188709531180196523996124020736.0/4

Right Out: 4.732+/-0.000 χ^2/NDF: 6856893072575211562802281426452480.0/15

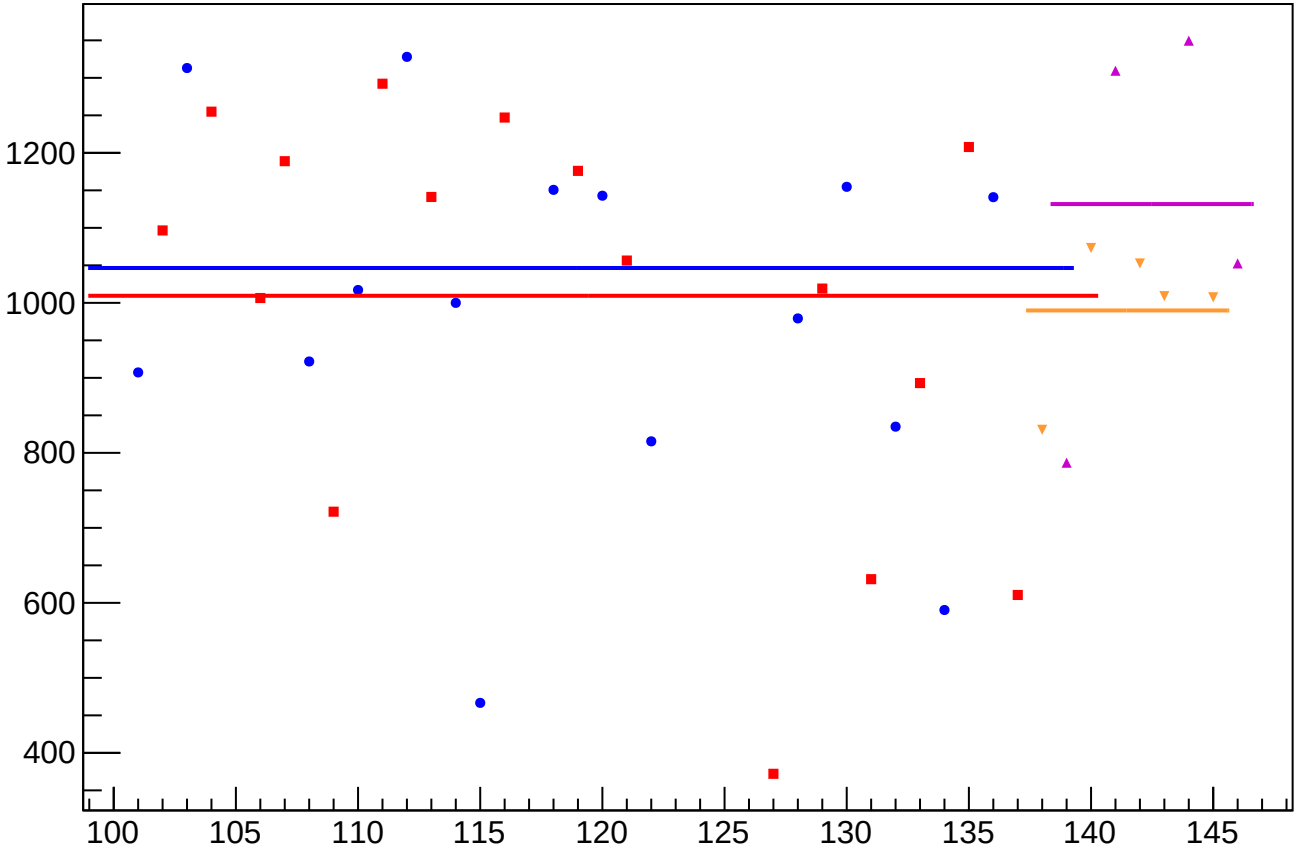
Left In: 10.938+/-0.000 χ^2/NDF:3342983874144223266034526128701 44.0/3

+ sign 6.986+/-0.000 χ^2/NDF: 1589435856102919 3

All: 6.902+/-0.000 χ^2/NDF: 3174000115910 6

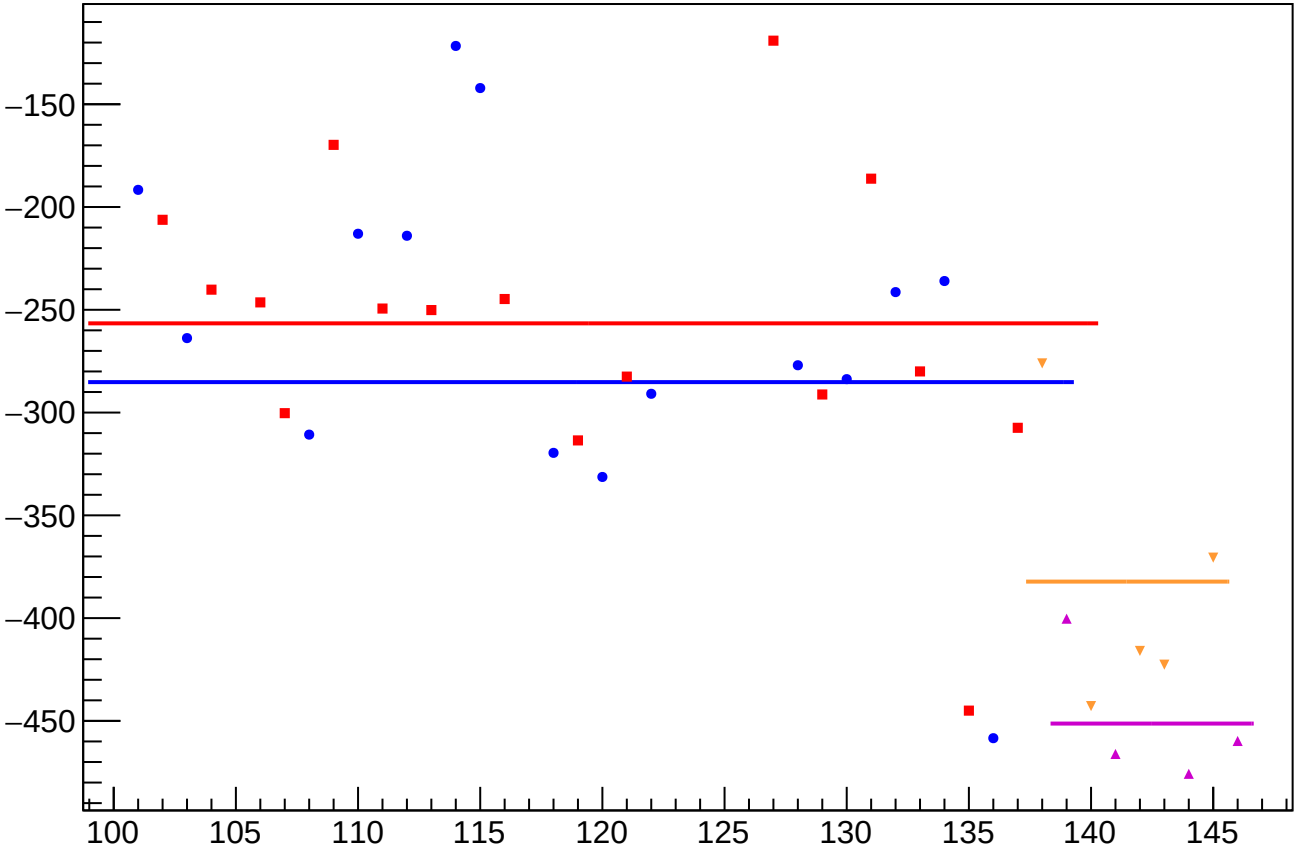
- sign 6.819+/-0.000 χ^2/NDF: 1583160681759031 9

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 2837419803974 3
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 6501883610958 1
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF: 4479585262853549838092521921291747328.0/14

Left Out: -382.235+/-0.000 χ^2/NDF:135257537258166903882785910856404172 8.0/4

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

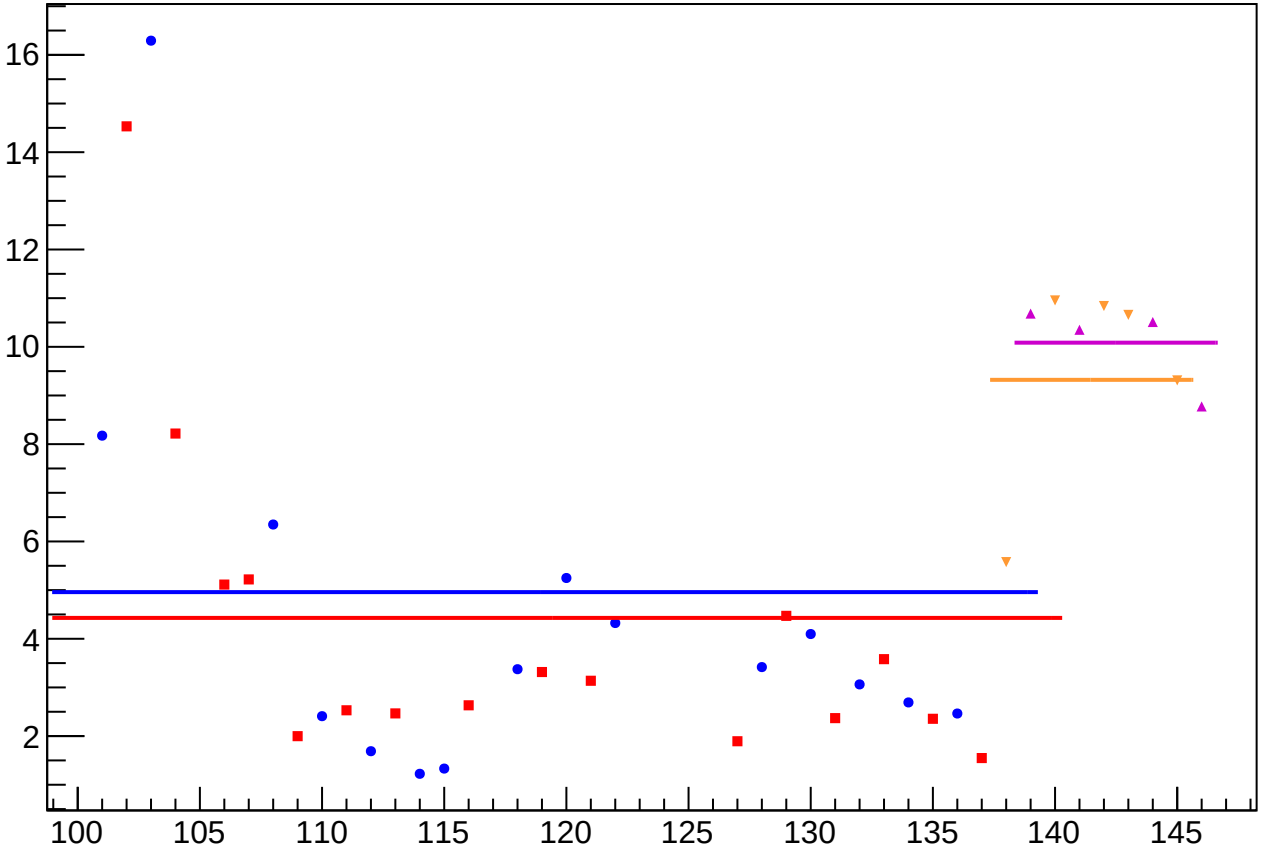
Left In: -451.303+/-0.000 χ^2/NDF:288606625751146349404185605219287040.0/3

+ sign -319.439+/-0.000 χ^2/NDF: 79895159224029

All: -320.762+/-0.000 χ^2/NDF: 2043390264 7

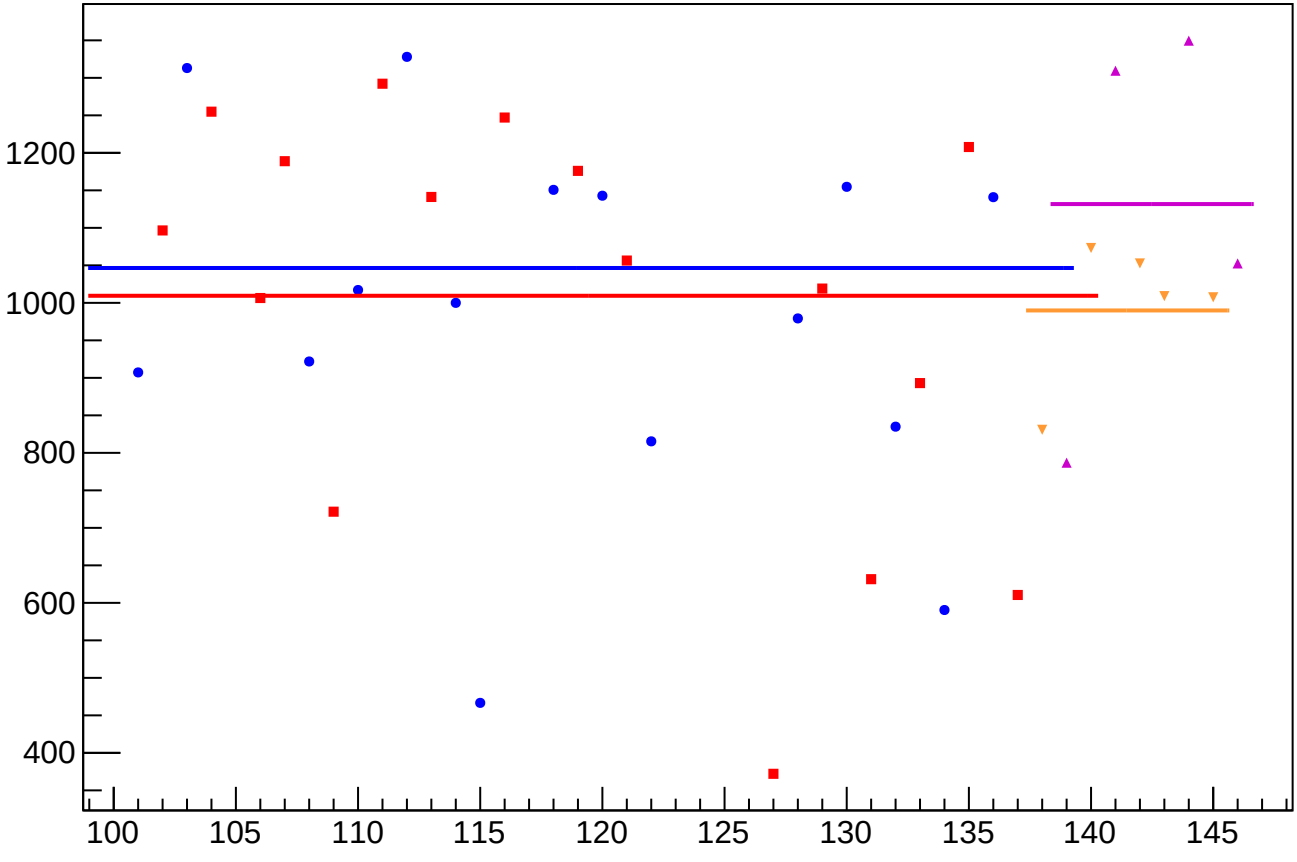
- sign -322.081+/-0.000 χ^2/NDF: 1244088142227 89

dit_4eX_coil1_err_mean vs Slug



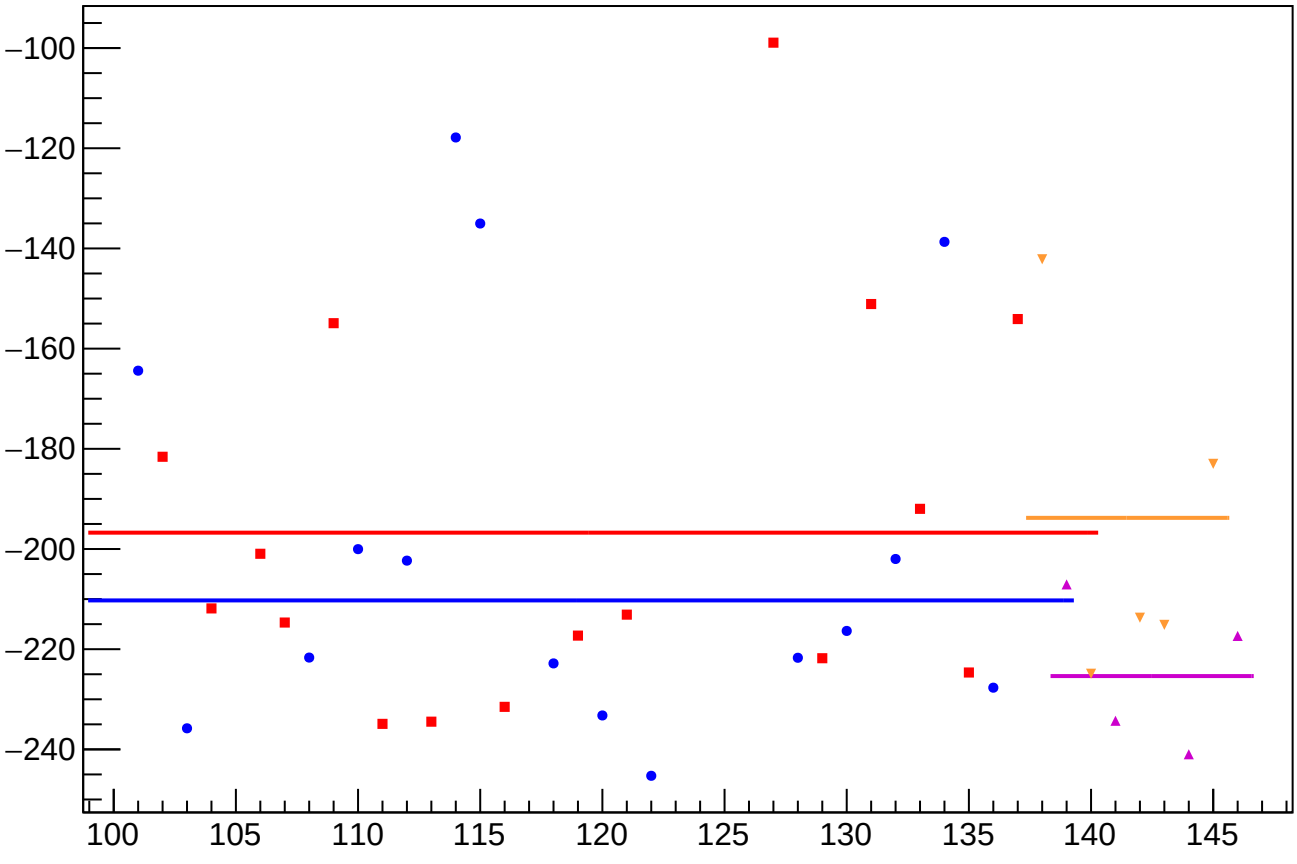
Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14
+ sign 6.499+/-0.000 χ^2/NDF: 16363092676552552
Left Out: 9.321+/-0.000 χ^2/NDF:1538172675512381313758917608603648.0/4
All: 6.415+/-0.000 χ^2/NDF: 3211963239535 3
Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15
- sign 6.331+/-0.000 χ^2/NDF: 15742482366940918
Left In: 10.085+/-0.000 χ^2/NDF:1935747301589004799637660368896 00.0/3

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 2837419803974 3
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 6501883610958 1
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

+ sign -204.444+/-0.000 χ^2/NDF: 97542448941673

Left Out: -193.780+/-0.000 χ^2/NDF:3454885796304560831395167437523517 44.0/4

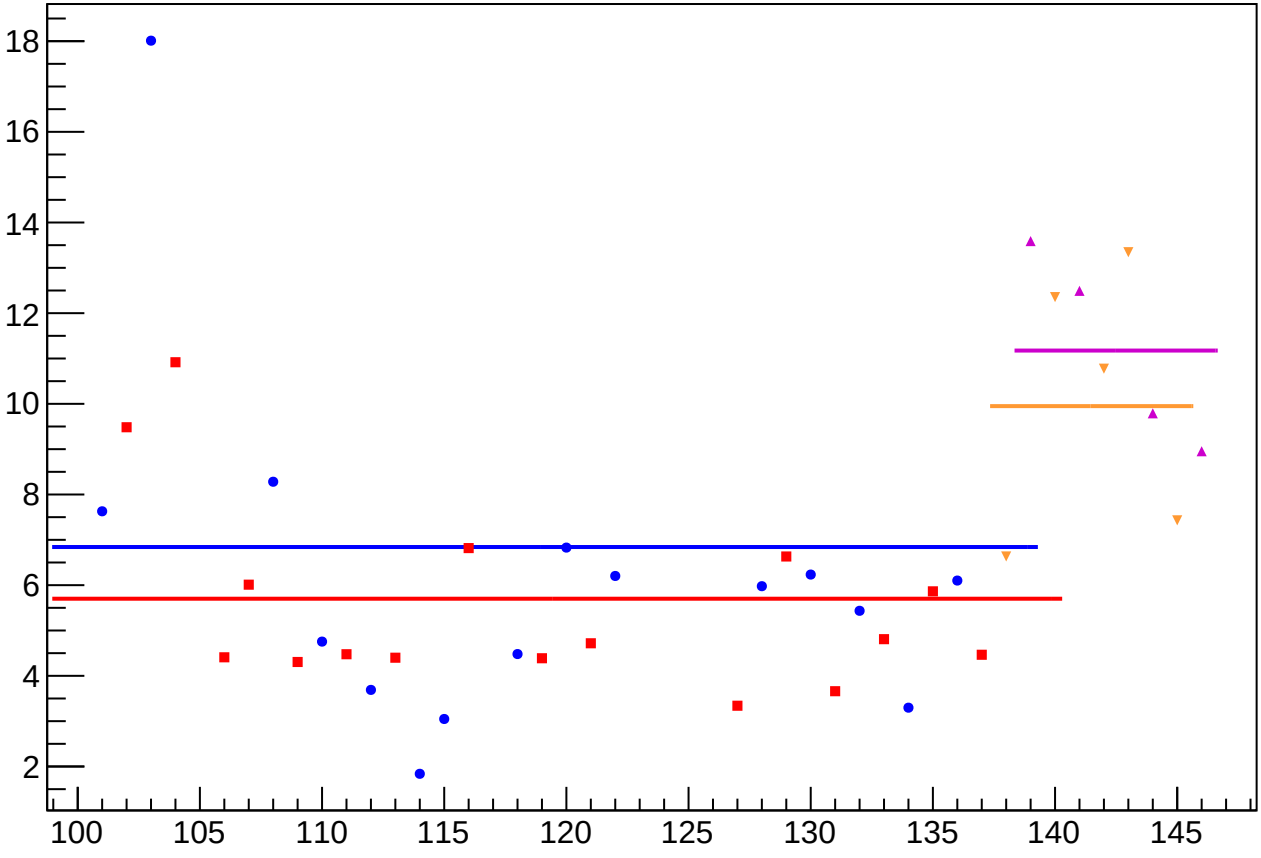
All: -205.405+/-0.000 χ^2/NDF: 2131620628 2

Right Out: -196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

- sign -206.365+/-0.000 χ^2/NDF: 115434521902407

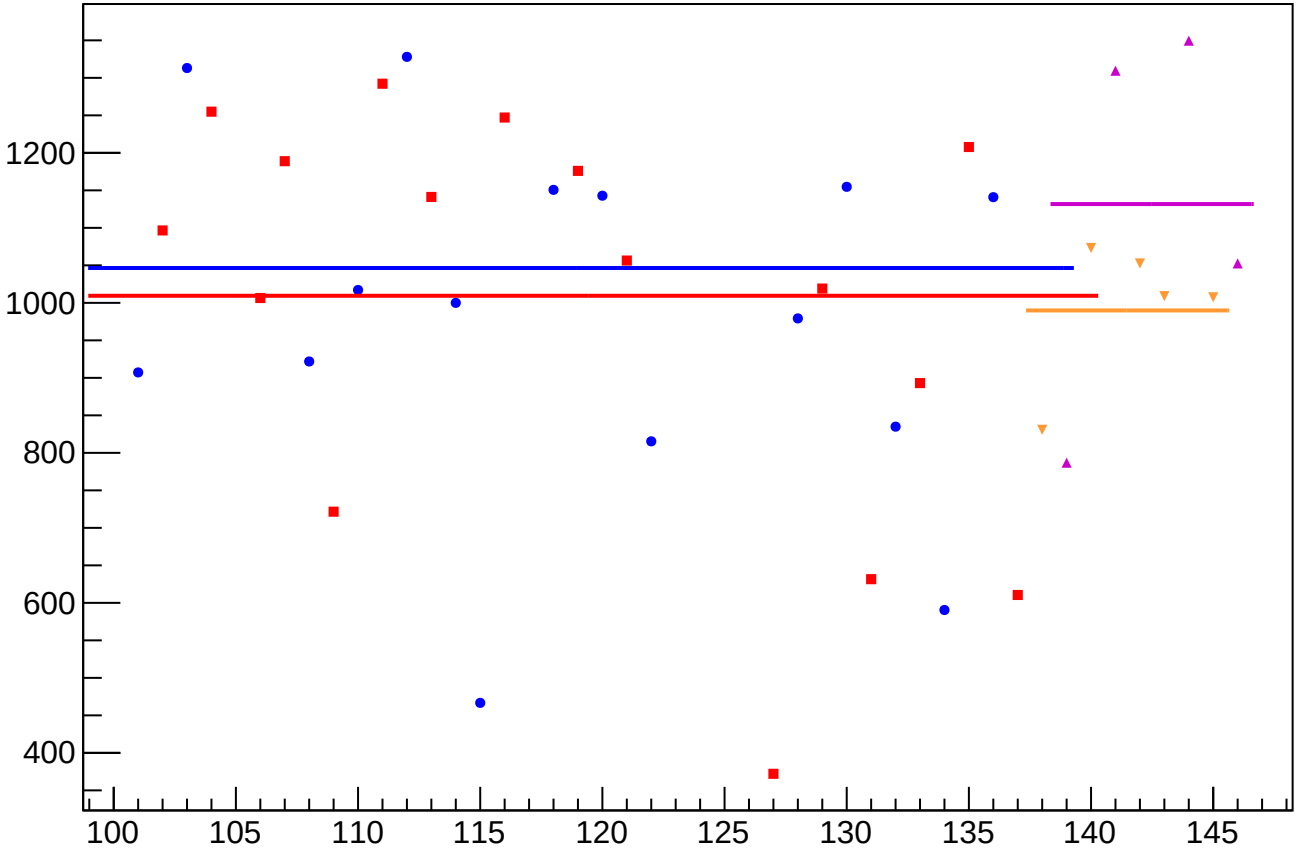
Left In: -225.364+/-0.000 χ^2/NDF:6091193266760258492261675008471859 2.0/3

dit_11X12X_coil1_err_mean vs Slug



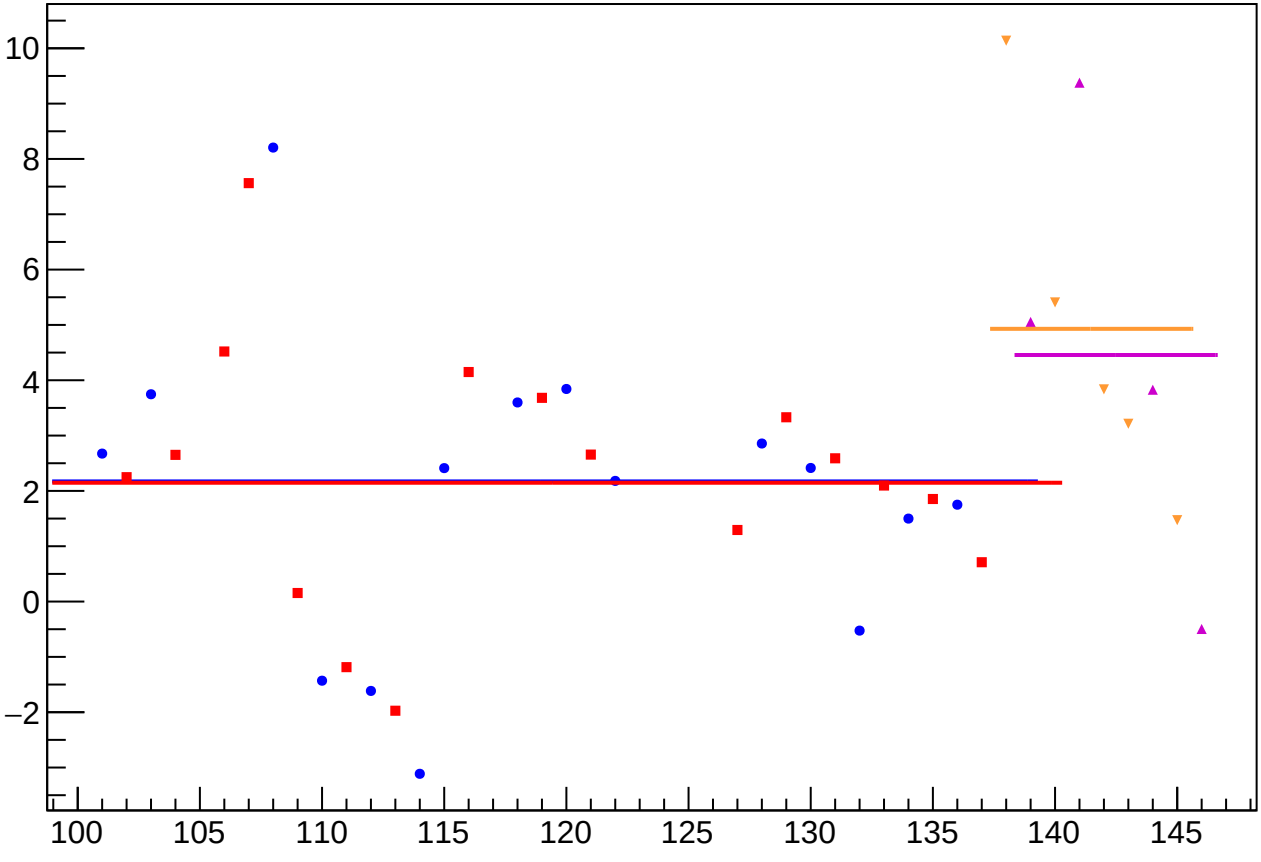
Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0.0/14
+ sign 7.938+/-0.000 χ^2/NDF: 1421848398586556 2
Left Out: 9.949+/-0.000 χ^2/NDF:2650060088424355648388973056753664.0/4
All: 7.740+/-0.000 χ^2/NDF: 2539412552747 0
Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15
- sign 7.542+/-0.000 χ^2/NDF: 1109682830554467 6
Left In: 11.175+/-0.000 χ^2/NDF:1199818568767137776826994483265536.0/3

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left Out: 989.881+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

+ sign 3.145+/-0.000 χ^2/NDF: 8697807307254771 6

Left Out: 4.929+/-0.000 χ^2/NDF:335563113988898472497287599751168 0.0/4

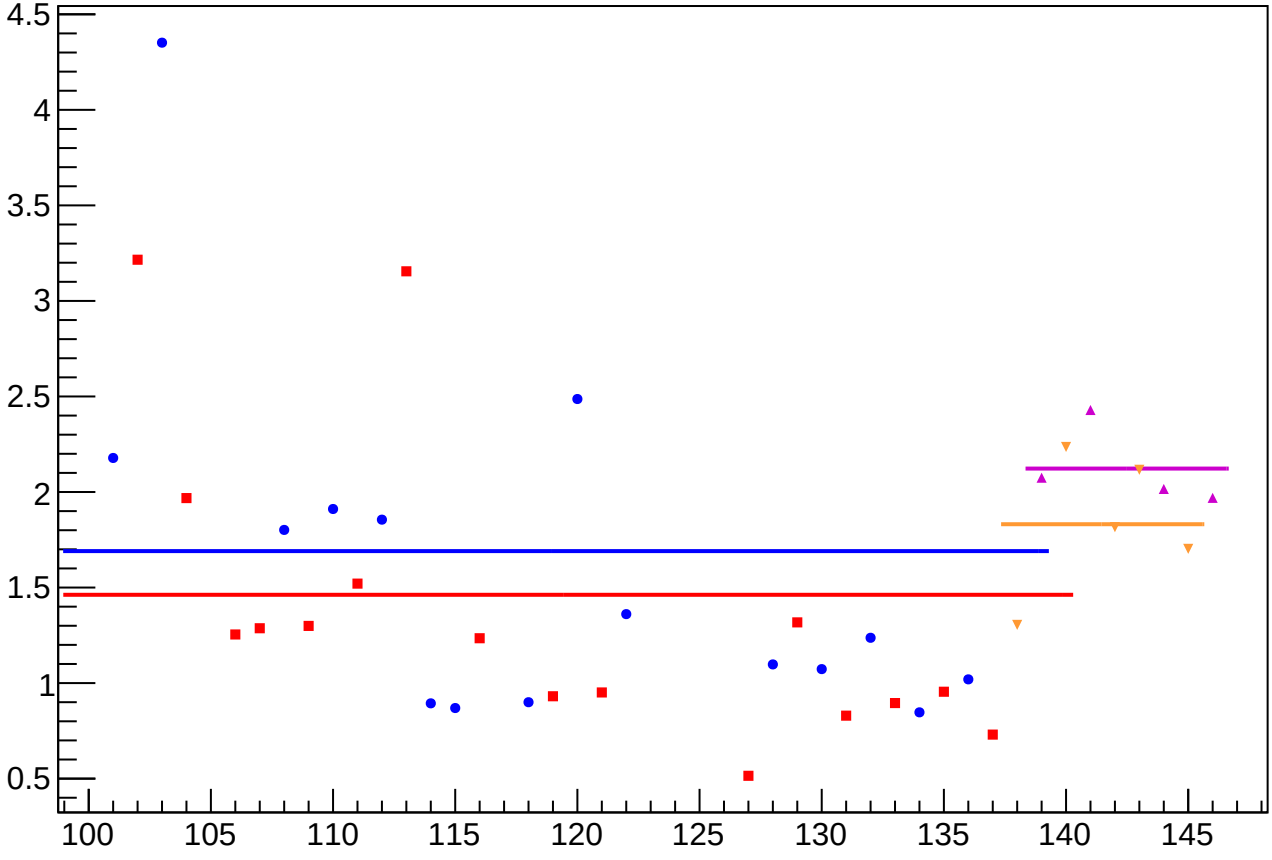
All: 3.034+/-0.000 χ^2/NDF: 1717010014240 3

Right Out: 2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187840 0.0/15

- sign 2.924+/-0.000 χ^2/NDF: 8447842926764441 8

Left In: 4.456+/-0.000 χ^2/NDF:415818496548186472535071402229760 0.0/3

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Left Out: 1.831+/-0.000 χ^2/NDF:418529583297694332126073108561 92.0/4

Right Out: 1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

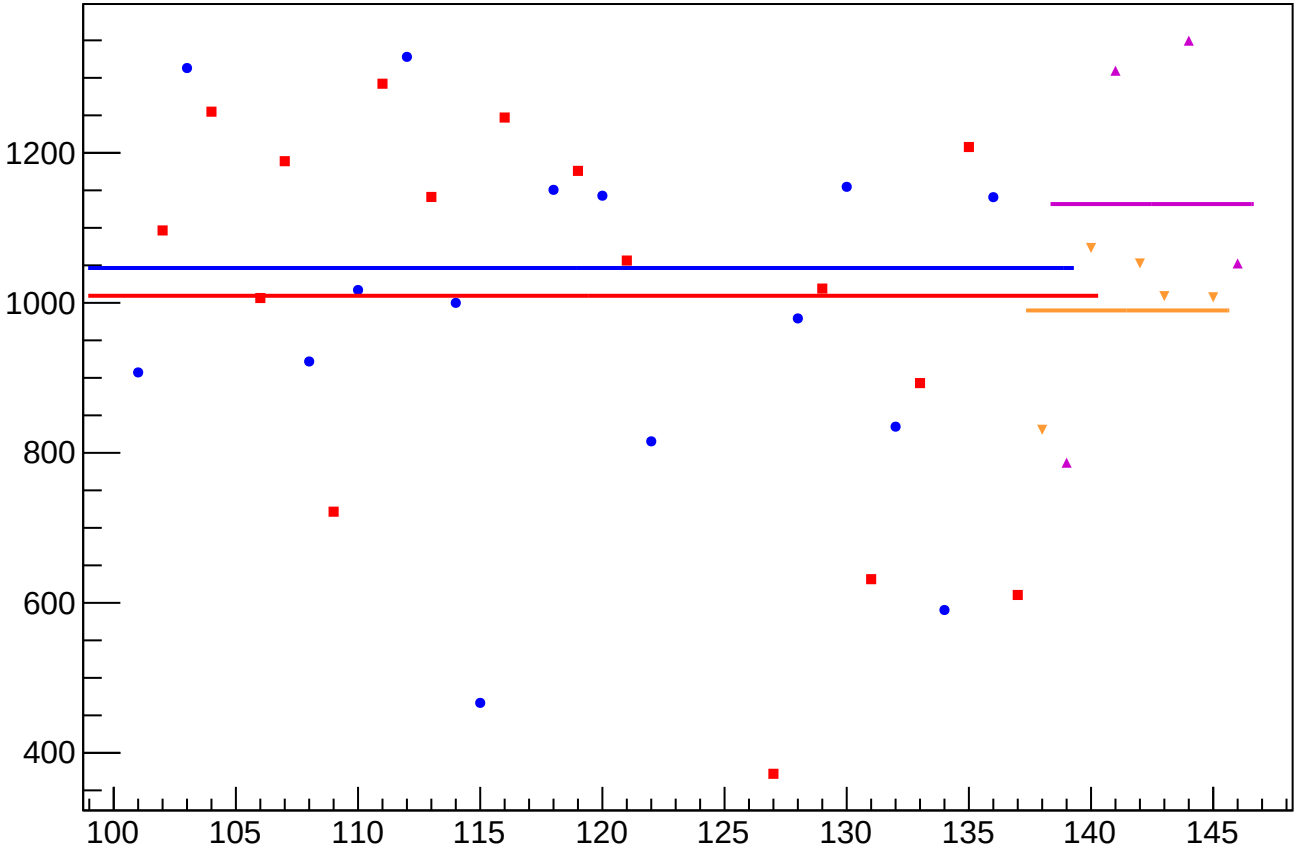
Left In: 2.123+/-0.000 χ^2/NDF:111335159114197961454502711132 16.0/3

+ sign 1.740+/-0.000 χ^2/NDF: 6585493788047657 2

All: 1.712+/-0.000 χ^2/NDF: 1213523589055 7

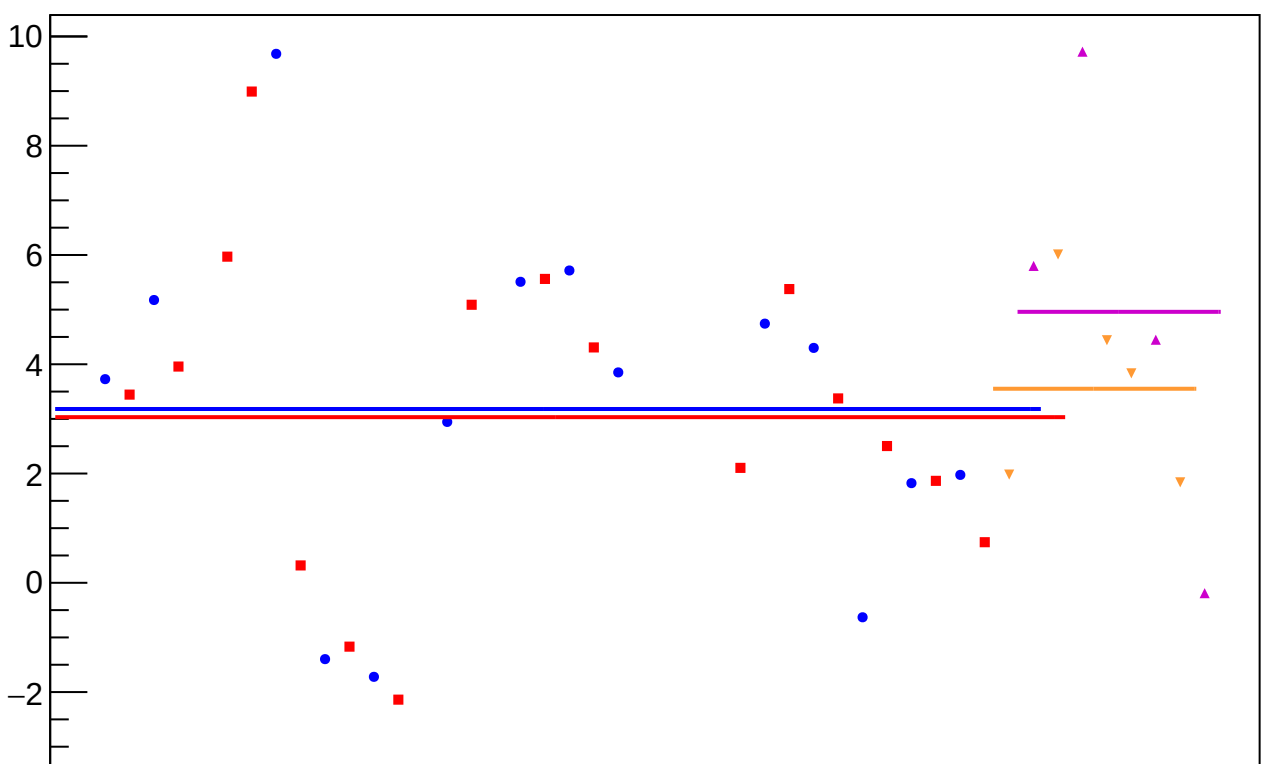
- sign 1.684+/-0.000 χ^2/NDF: 5533907522485859 6

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:27735458354641951768375797983446302 72.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left Out: 989.881+/-0.000 χ^2/NDF:27735458354641951768375797983446302 72.0/4
Left In: 1131.722+/-0.000 χ^2/NDF:17062050594684537989489620676895571968.0/3

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

+ sign 3.312+/-0.000 χ^2/NDF: 6831916583634001 6

Left Out: 3.552+/-0.000 χ^2/NDF:967155136948161724065041109483520.0/4

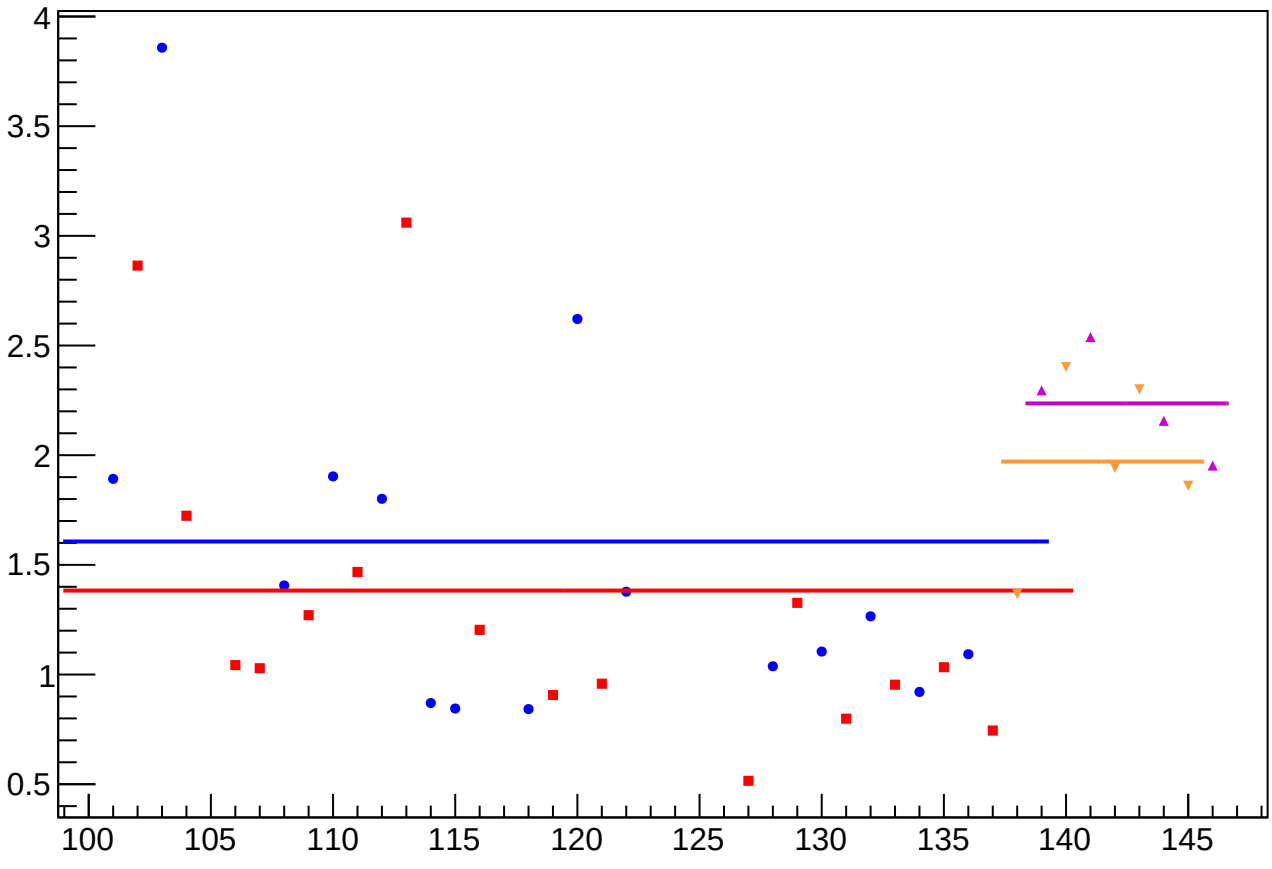
All: 3.496+/-0.000 χ^2/NDF: 1687958529664 2

Right Out: 3.032+/-0.000 χ^2/NDF: 4937209831371793945496546833334272.0/15

- sign 3.680+/-0.000 χ^2/NDF: 99796207795746602

Left In: 4.960+/-0.000 χ^2/NDF:4208675130544382166967109900304384.0/3

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

+ sign 1.735+/-0.000 χ^2/NDF: 5433639799211355 3

Left Out: 1.971+/-0.000 χ^2/NDF:5199934990935860496655263884902 4.0/4

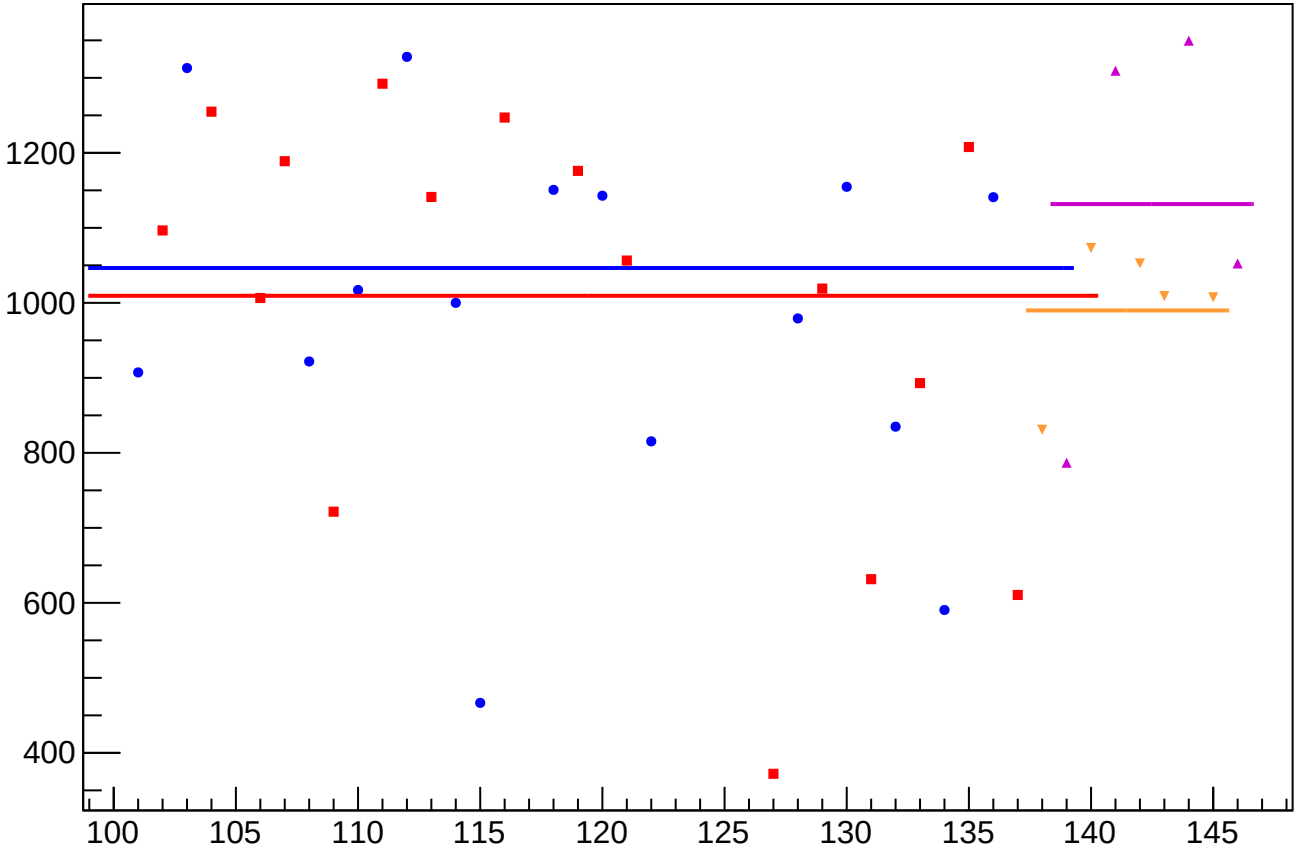
All: 1.702+/-0.000 χ^2/NDF: 1082414466336 1

Right Out: 1.383+/-0.000 χ^2/NDF: 3583488970162862009576503377920 00.0/15

- sign 1.670+/-0.000 χ^2/NDF: 5369036989285435 8

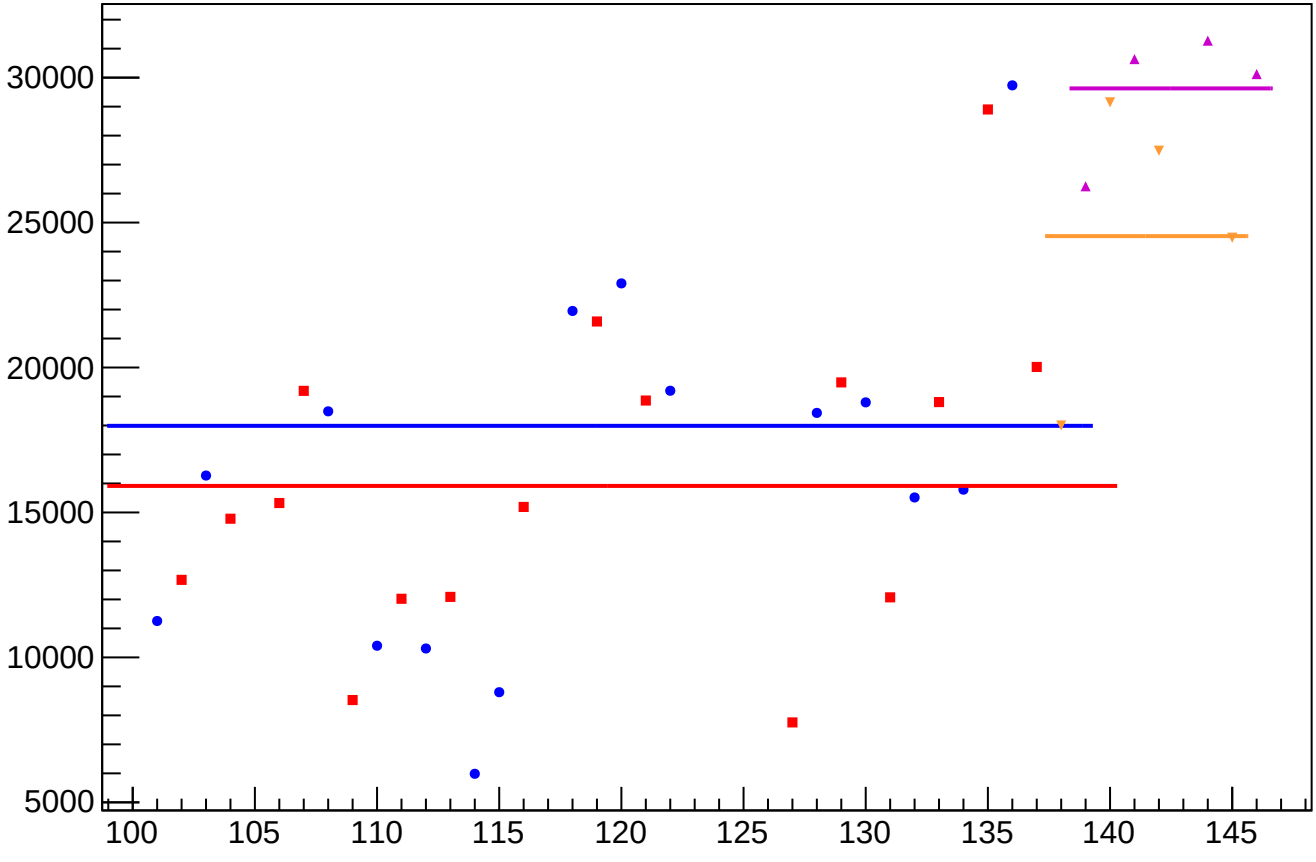
Left In: 2.236+/-0.000 χ^2/NDF:1529057888267121237852713228697 6.0/3

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:27735458354641951768375797983446302 72.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:17062050594684537989489620676895571968.0/3

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

+ sign 19994.930+/-0.000 χ^2/NDF: 3881319258346

Left Out: 24532.830+/-0.000 χ^2/NDF:5474481703521511106664369162813037346816.0/3

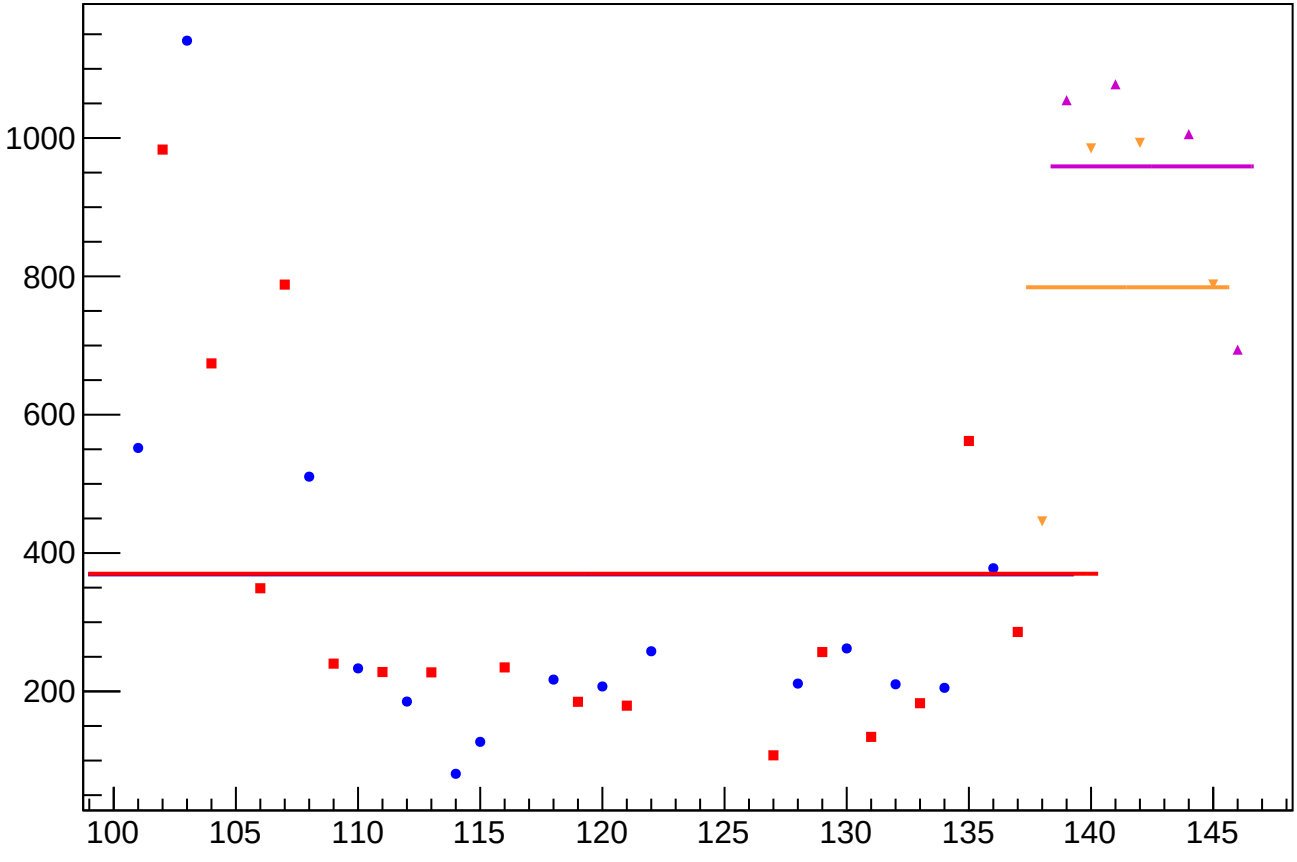
All: 20270.495+/-0.000 χ^2/NDF: 102359542 1

Right Out: 15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15

- sign 20527.141+/-0.000 χ^2/NDF: 6340907651779

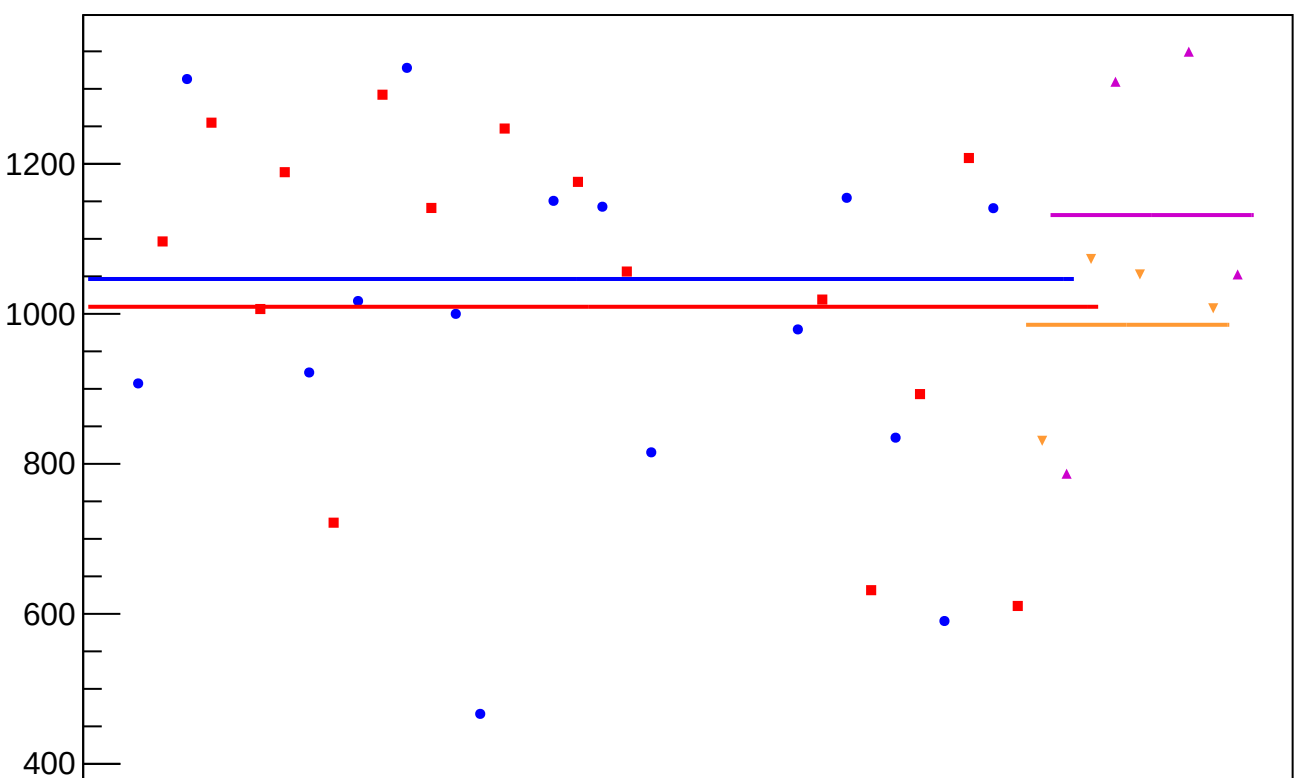
Left In: 29628.168+/-0.000 χ^2/NDF:127186934443312747604379859602131805798 4.0/3

dit_usl_coil1_err_mean vs Slug



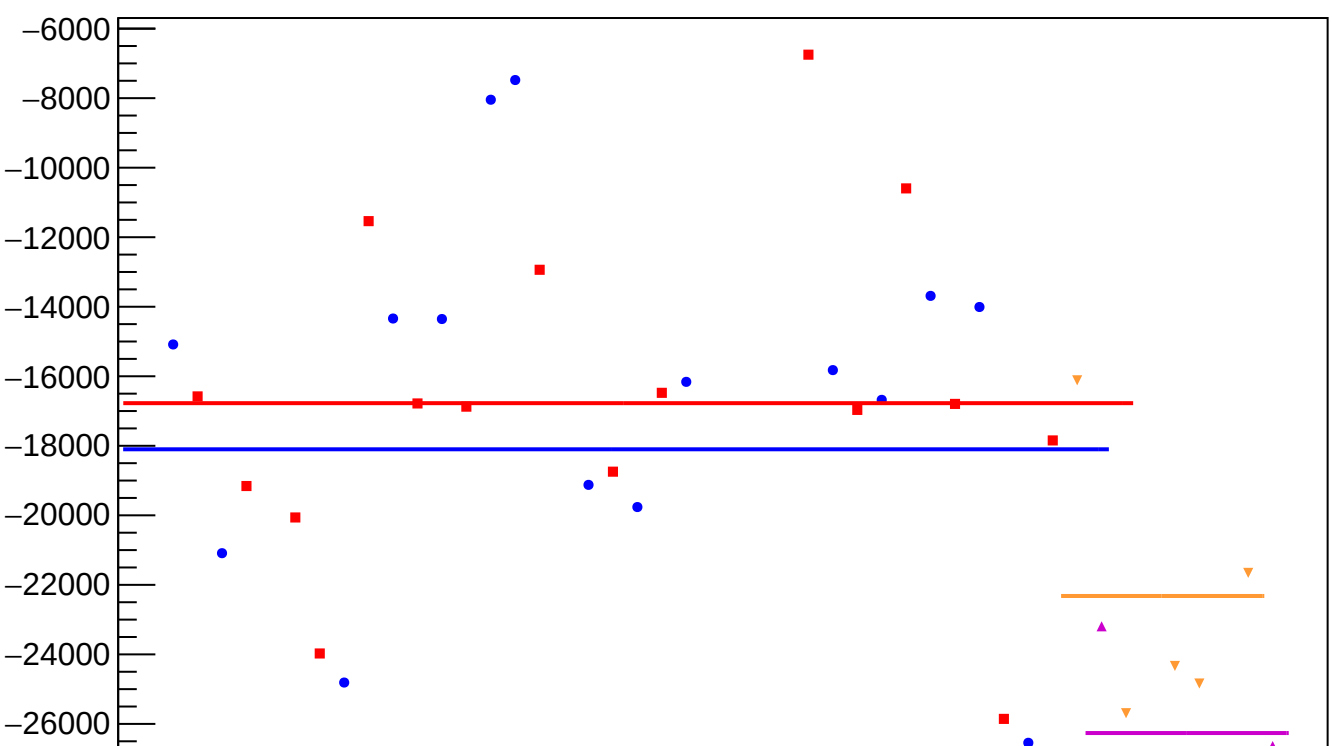
Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14
+ sign 496.437+/-0.000 χ^2/NDF: 96582585732679 1
Left Out: 784.232+/-0.000 χ^2/NDF:1424648995176154909914453256504868864 0.0/3
All: 533.563+/-0.000 χ^2/NDF: 2330348160 64
Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15
- sign 568.140+/-0.000 χ^2/NDF: 13396057849276 4
Left In: 958.963+/-0.000 χ^2/NDF:7957146133138041961343924763937996800.0/3

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1027.767+/-0.000 χ^2/NDF: 2835207149183 1
Left Out: 985.429+/-0.000 χ^2/NDF:2743479969900970821890629375312789504.0/3
All: 1039.573+/-0.000 χ^2/NDF: 9362288671 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 6501883610958 1
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557 1968.0/3

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -22320.232+/-0.000 χ^2/NDF:4581051562203078094012190479028829814784.0/4

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617 8304.0/15

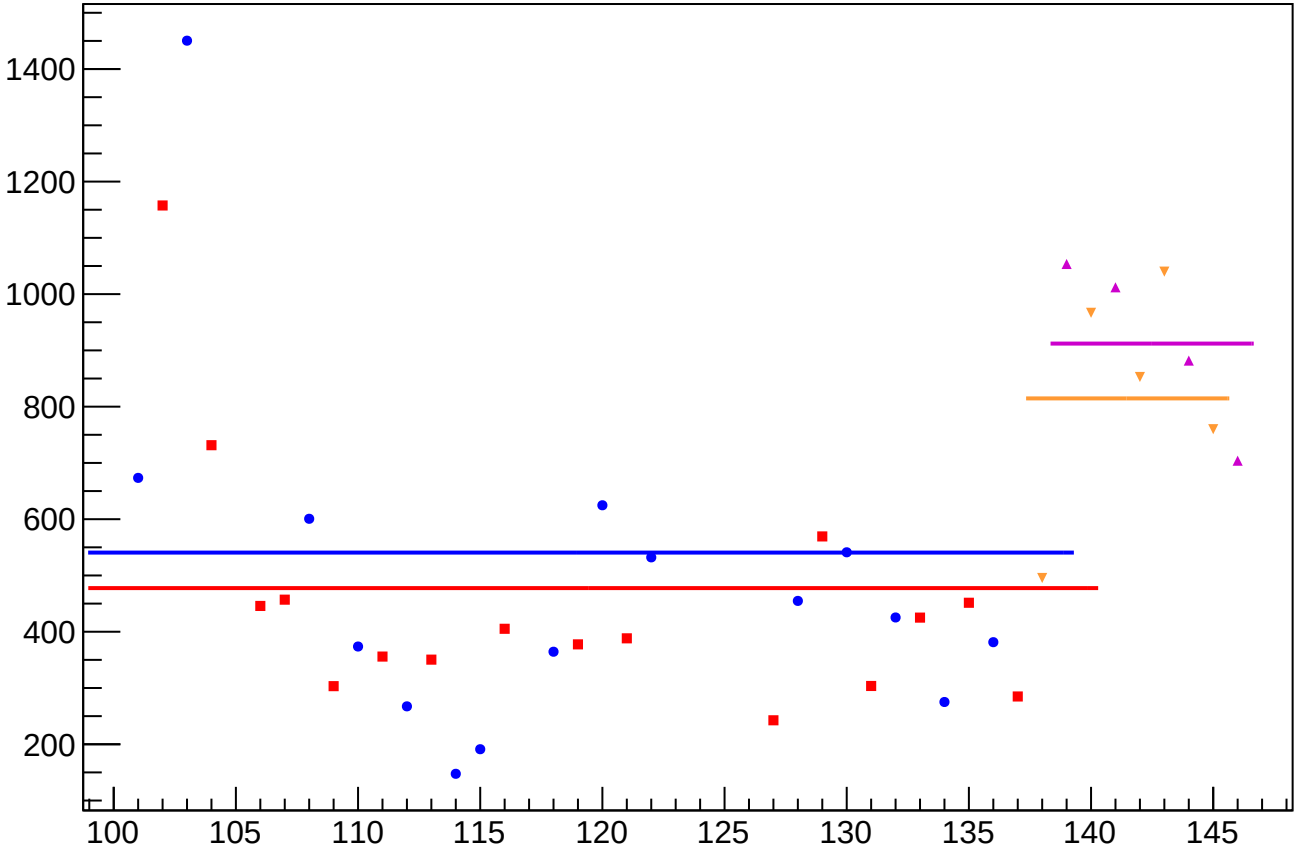
Left In: -26262.706+/-0.000 χ^2/NDF:1066692641630792294967960553036516950016.0/3

+ sign -19589.906+/-0.000 χ^2/NDF: 232944068771

All: -19777.622+/-0.000 χ^2/NDF: 588651144

- sign -19964.964+/-0.000 χ^2/NDF: 3550009216724

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Left Out: 814.673+/-0.000 χ^2/NDF:135519439615641515955569206193794580 48.0/4

Right Out: 477.546+/-0.000 χ^2/NDF: 387983065042969544615371168097606041 60.0/15

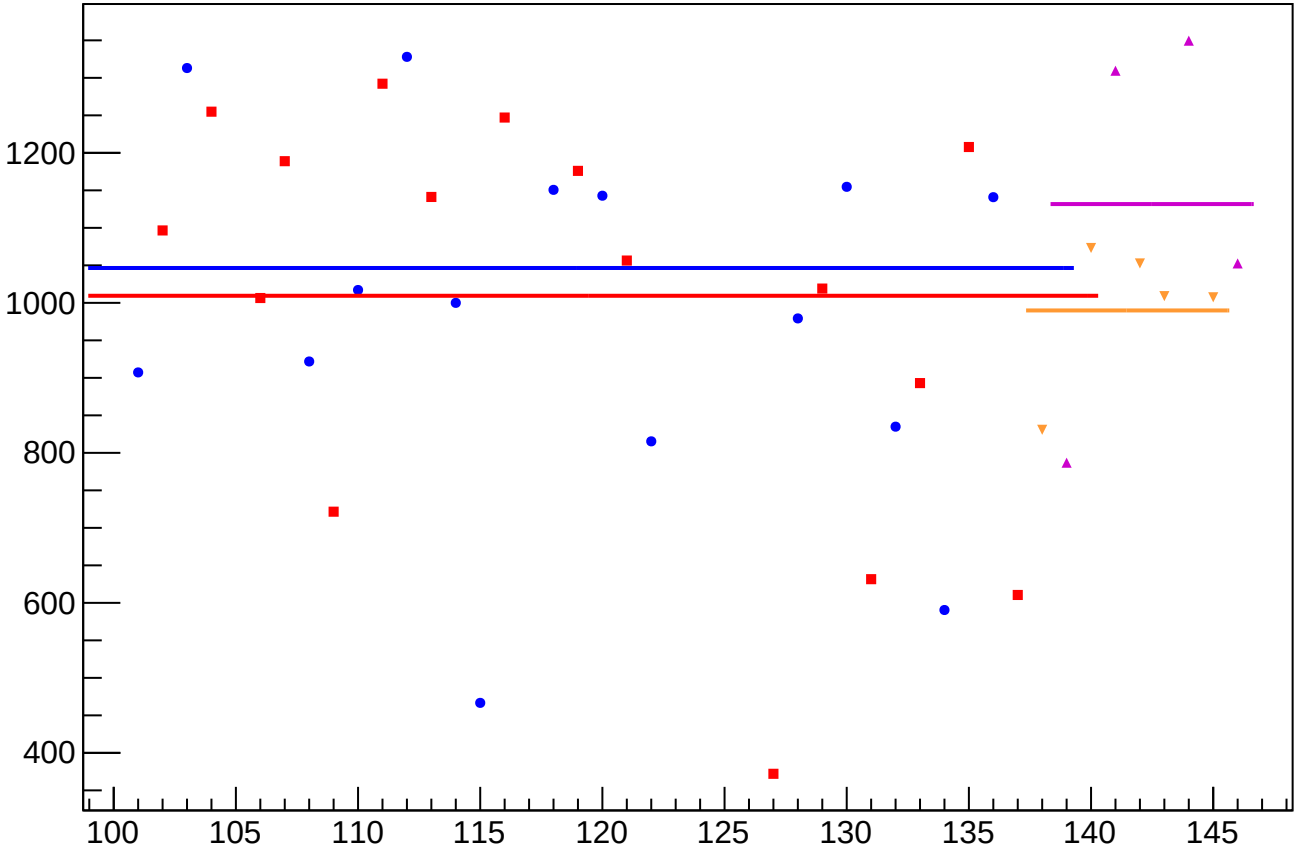
Left In: 912.096+/-0.000 χ^2/NDF:614916406180697301033762922224943104 0.0/3

+ sign 637.372+/-0.000 χ^2/NDF: 952969497635266

All: 630.526+/-0.000 χ^2/NDF: 18269834215 4

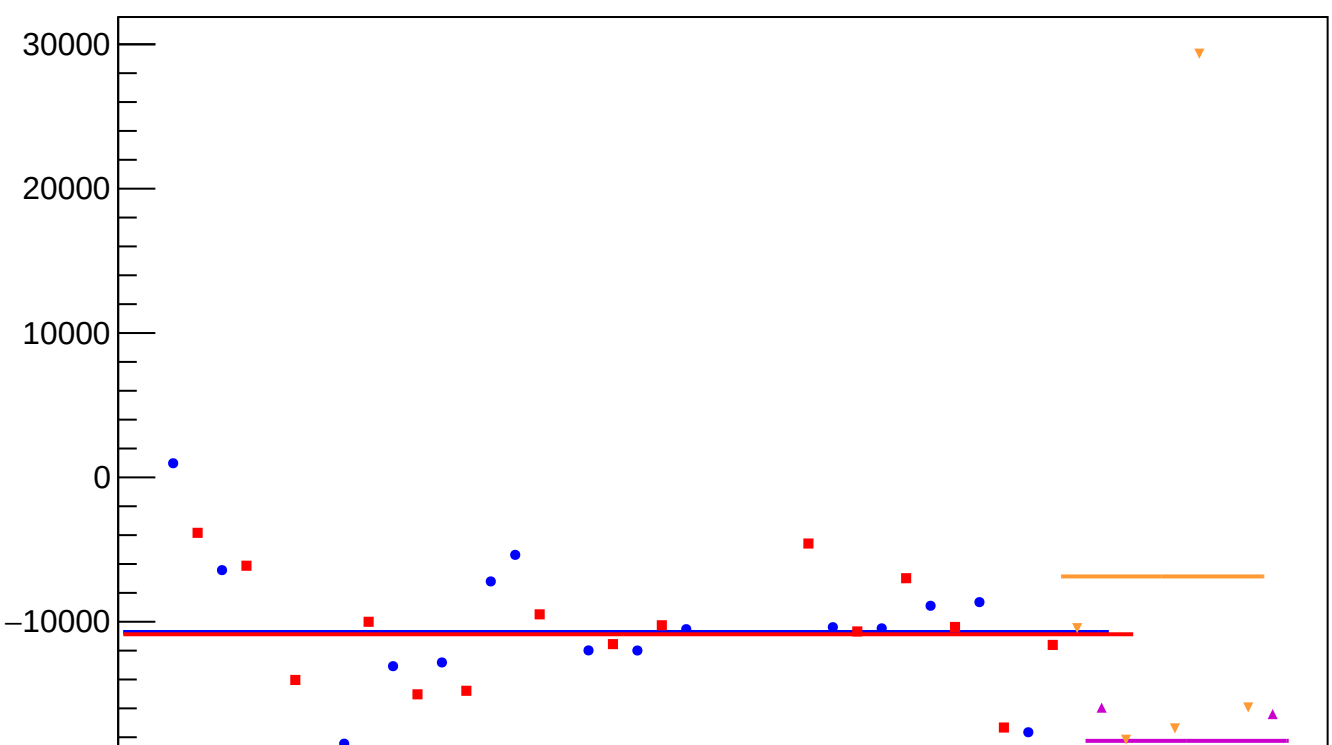
- sign 623.693+/-0.000 χ^2/NDF: 873074605750567

dit_usr_coil1_Ndata_mean vs Slug



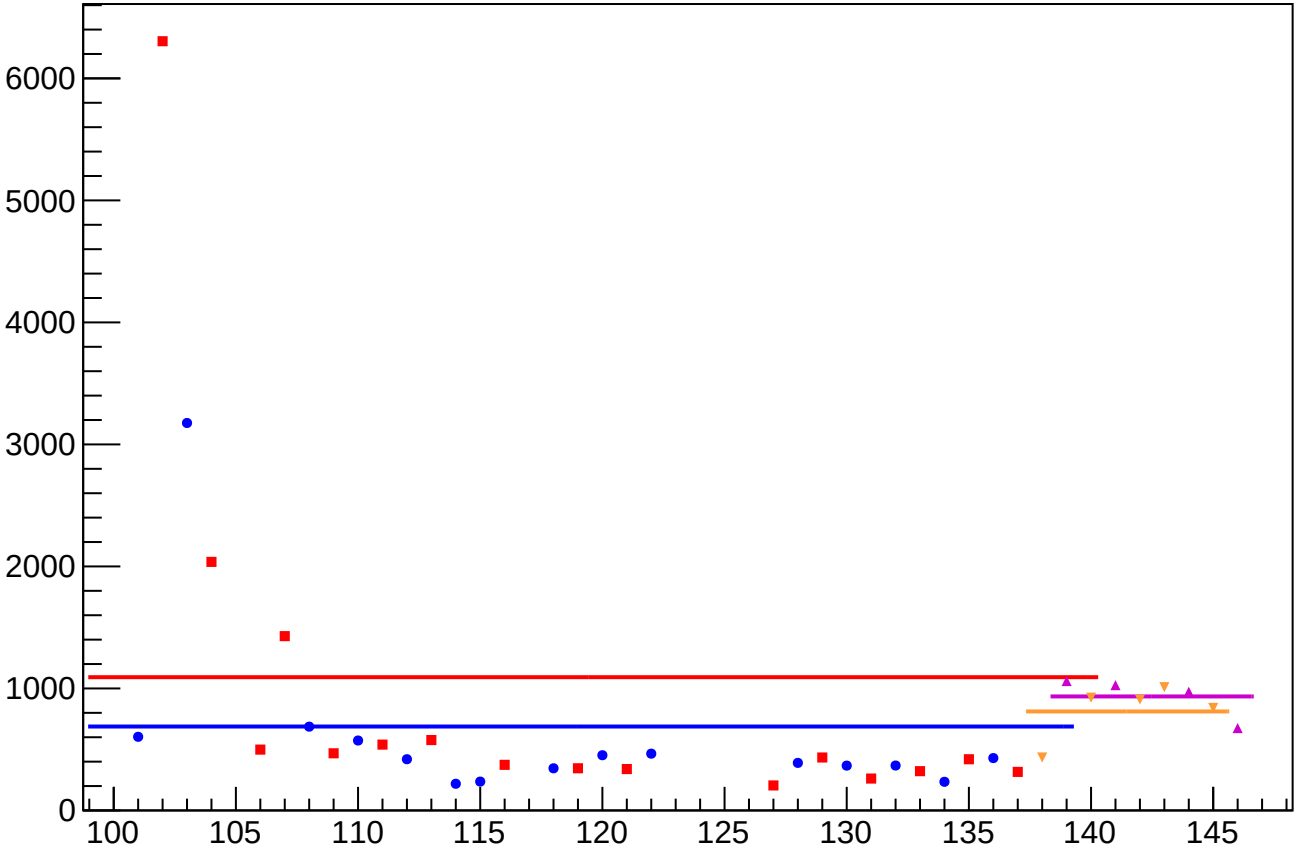
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557 1968.0/3

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14
+ sign -9351.758+/-0.000 χ^2/NDF: 1314594217120
Left Out: -6861.113+/-0.000 χ^2/NDF:111120417912136100273240130124540509421568.0/4
All: -11352.604+/-0.000 χ^2/NDF: 16738892 2
Right Out: -10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664 7552.0/15
- sign -13349.467+/-0.000 χ^2/NDF: 279067084973 9
Left In: -18249.752+/-0.000 χ^2/NDF:1442700136753677197930324011346722553856.0/3

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

+ sign 731.536+/-0.000 χ^2/NDF: 428099971650531

Left Out: 811.464+/-0.000 χ^2/NDF:1530770874978605109037190744457084928 0.0/4

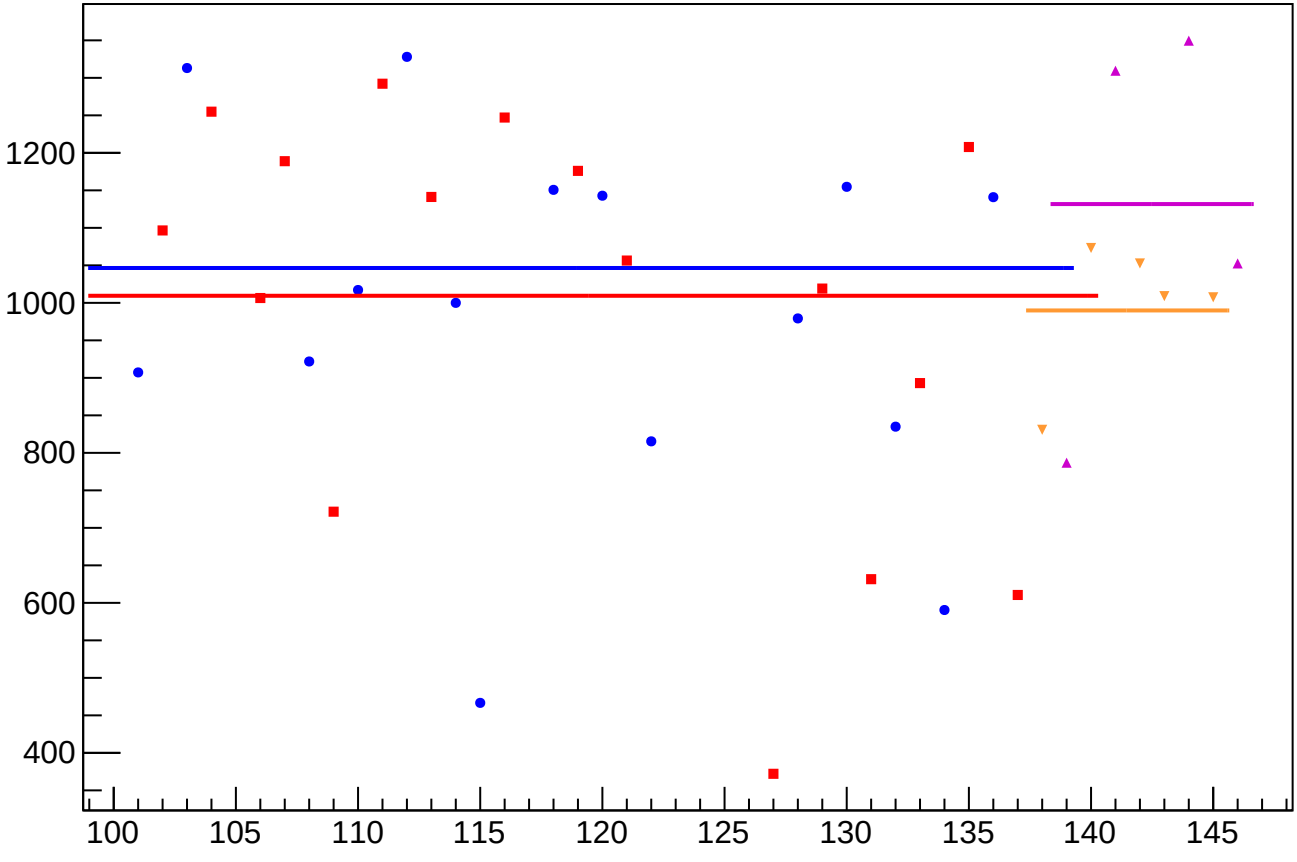
All: 885.511+/-0.000 χ^2/NDF: 23721240068 5

Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15

- sign 1039.180+/-0.000 χ^2/NDF: 18965124586723

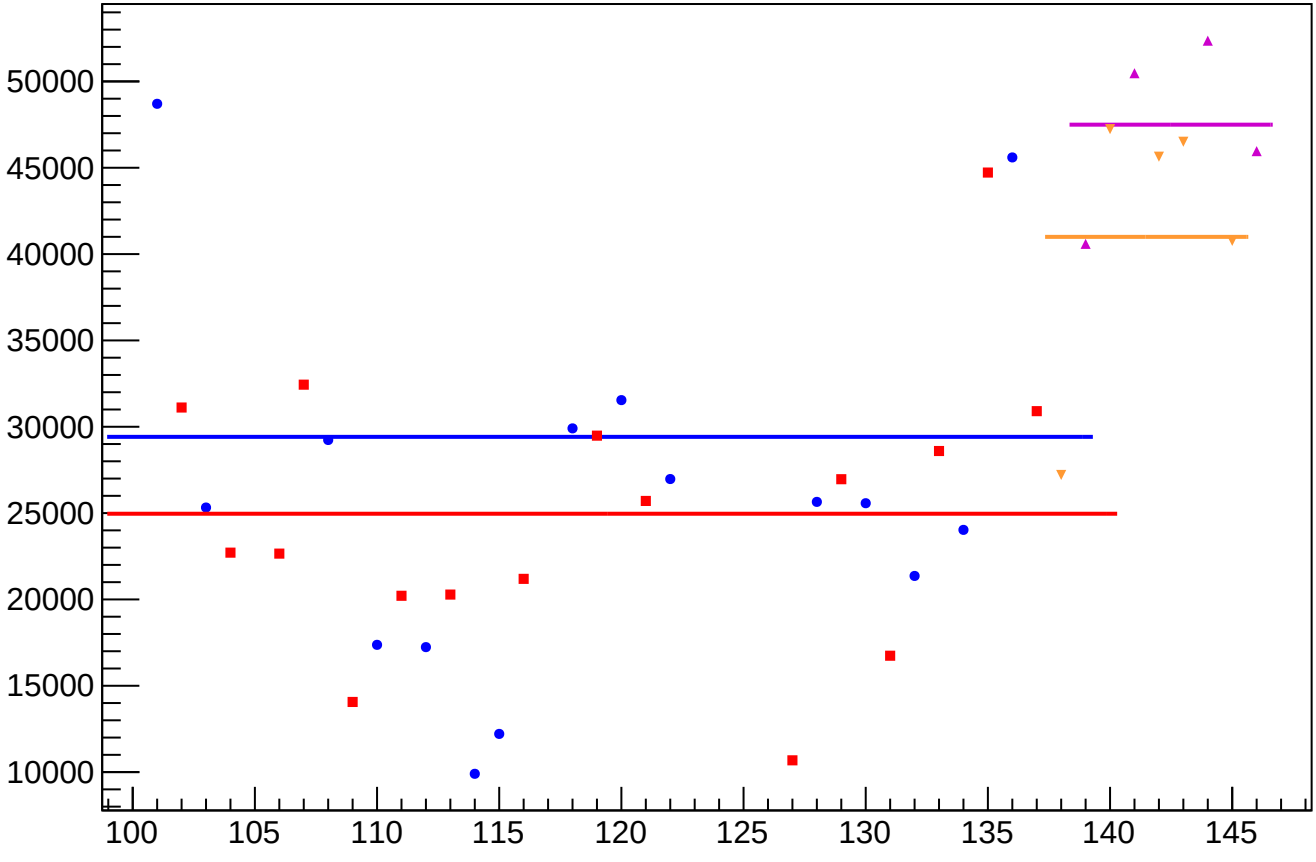
Left In: 934.423+/-0.000 χ^2/NDF:7725497061219568449514555555581001728.0/3

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557 1968.0/3

dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

+ sign 33503.518+/-0.000 χ^2/NDF: 1235421984416

Left Out: 40997.615+/-0.000 χ^2/NDF:2105177430813056121588219396862019161292 8.0/4

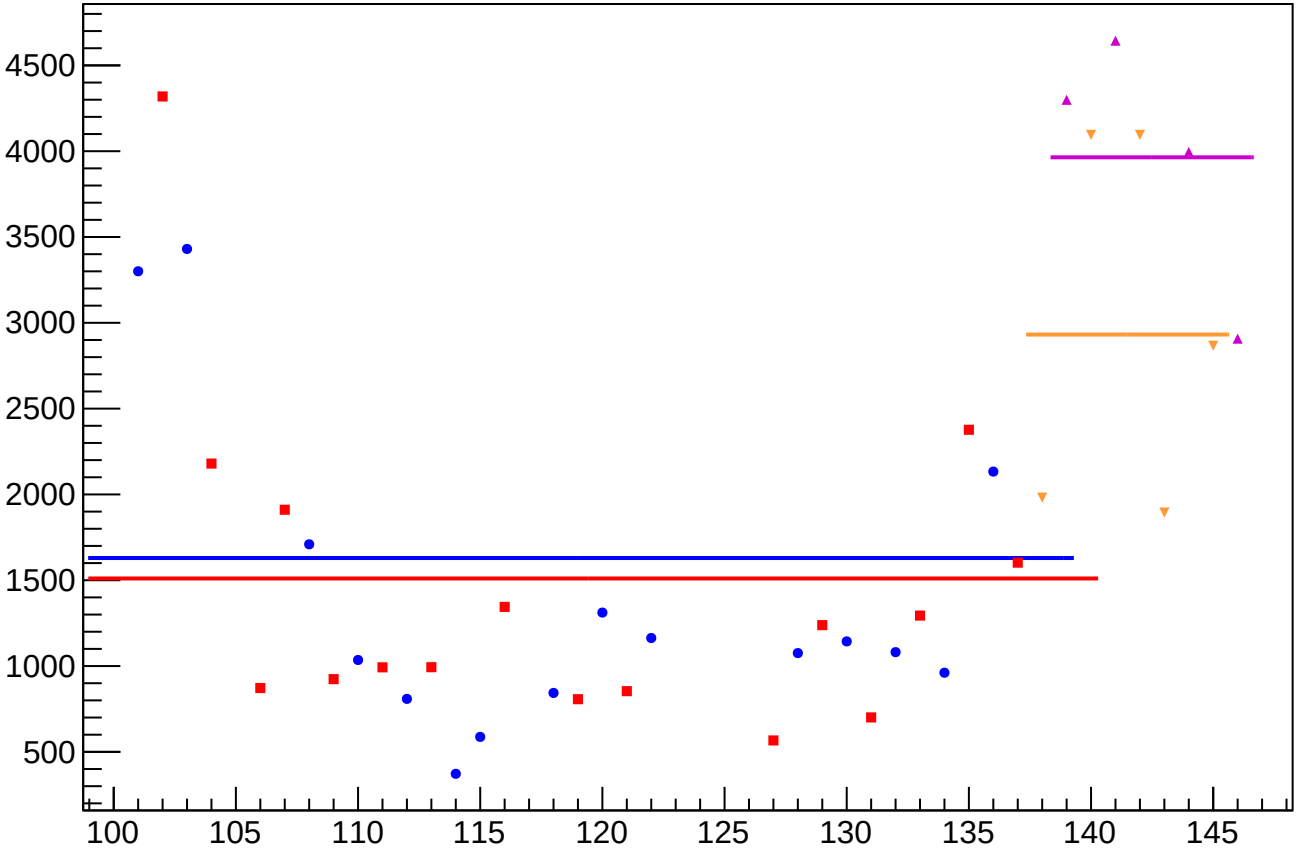
All: 33021.812+/-0.000 χ^2/NDF: 2904444309

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

- sign 32541.064+/-0.000 χ^2/NDF: 1664372214258

Left In: 47495.390+/-0.000 χ^2/NDF:6914330465485670618425851874407138459648.0/3

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

+ sign 2089.139+/-0.000 χ^2/NDF: 1256267327096 1

Left Out: 2931.732+/-0.000 χ^2/NDF:3161139145118513511085673138006083502 08.0/4

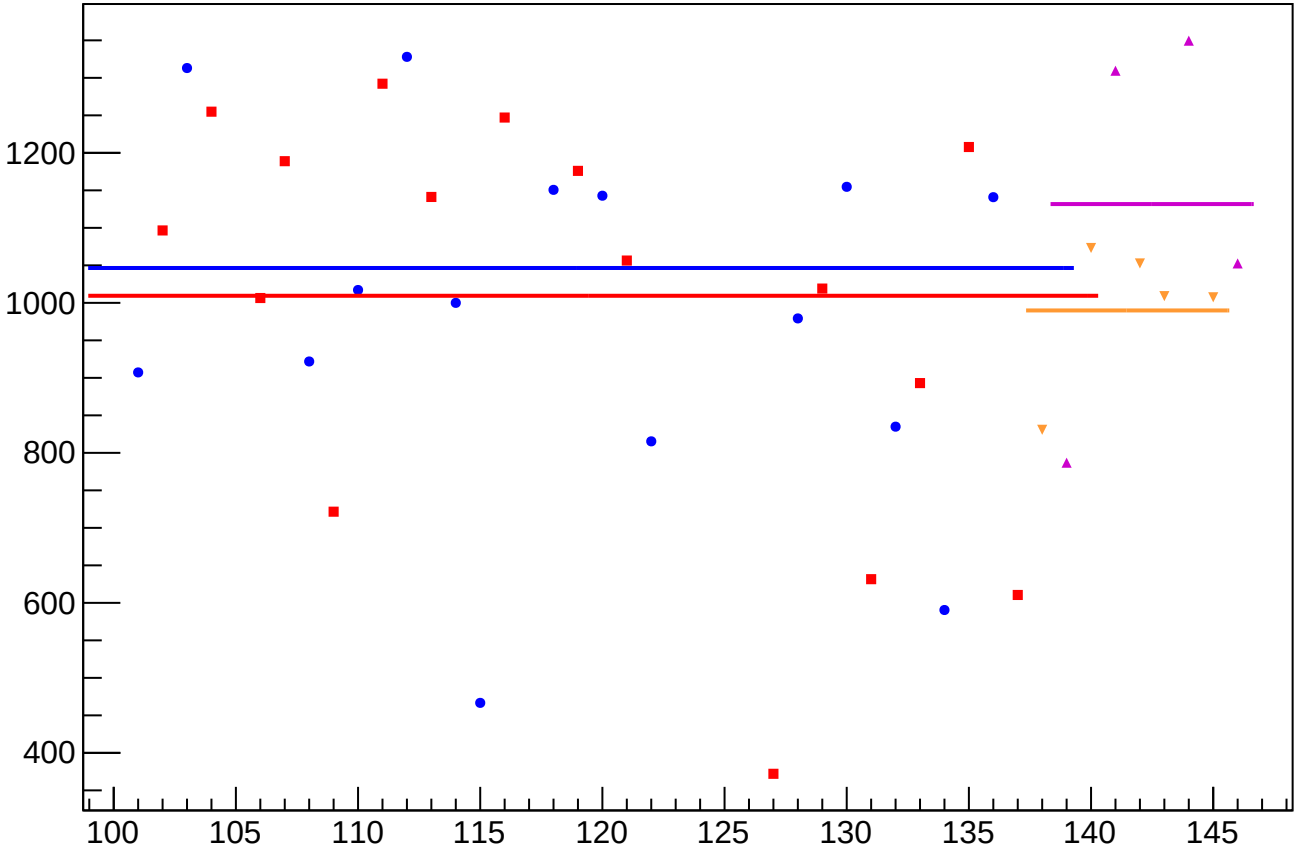
All: 2212.522+/-0.000 χ^2/NDF: 3467172696 6

Right Out: 1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

- sign 2335.659+/-0.000 χ^2/NDF: 2180397599460 6

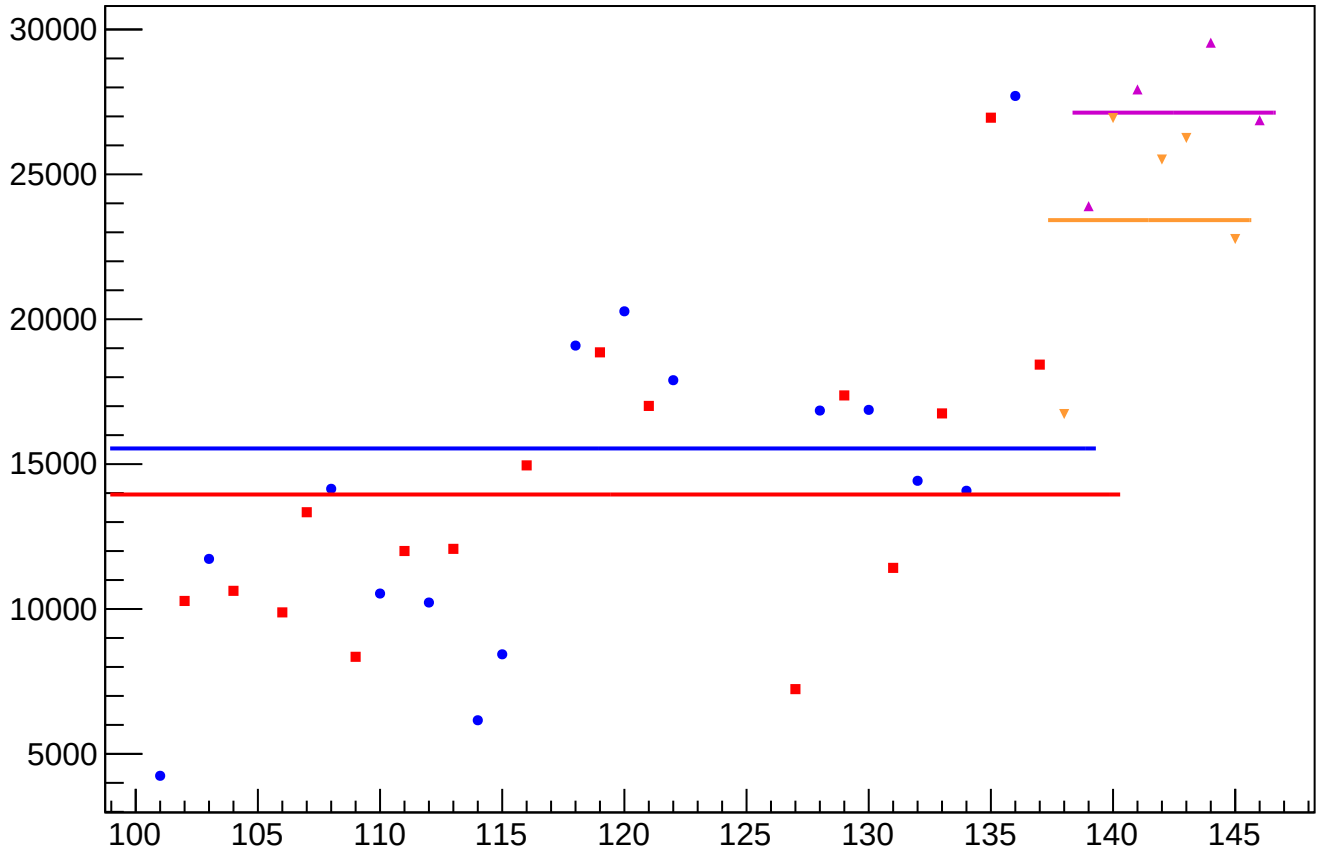
Left In: 3964.415+/-0.000 χ^2/NDF:1411245084551516573404370632079719792 64.0/3

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

+ sign 18321.883+/-0.000 χ^2/NDF: 4688997474514

Left Out: 23420.558+/-0.000 χ^2/NDF:5283893478540811925236921730151126925312.0/4

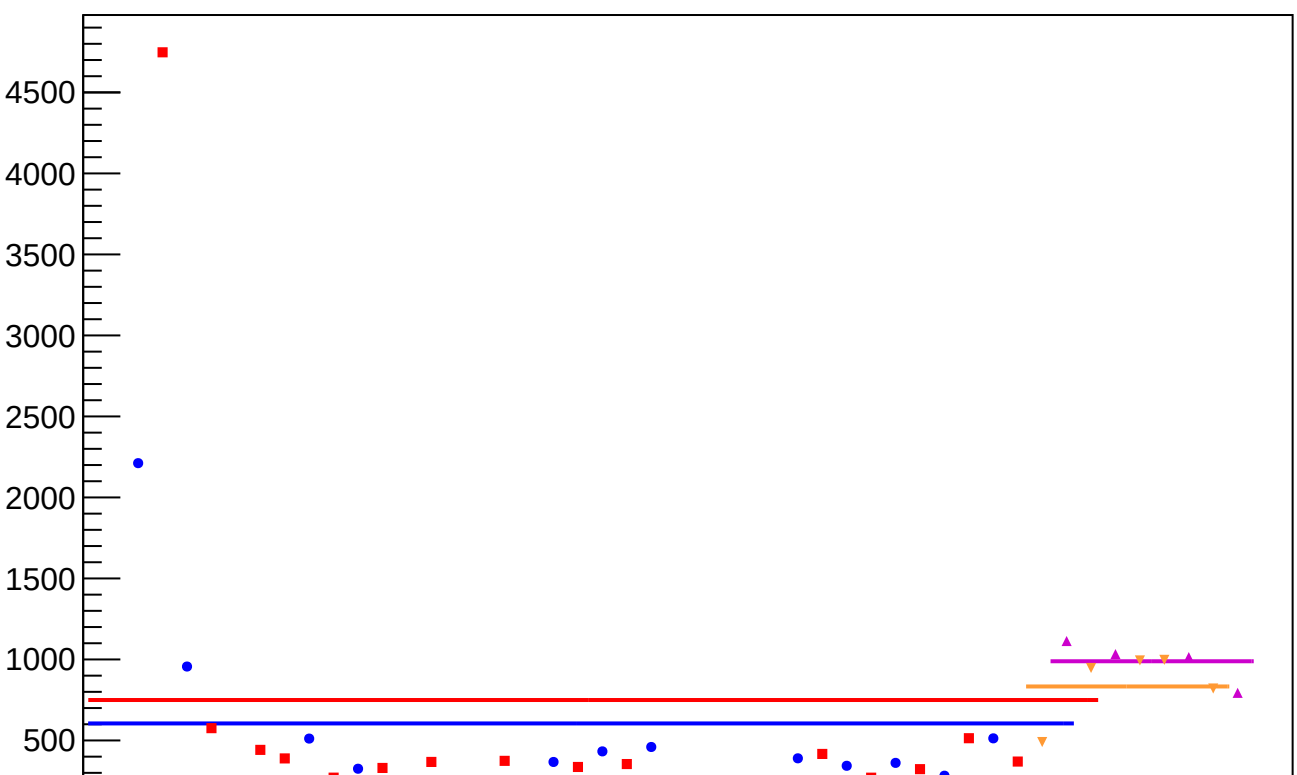
All: 18352.830+/-0.000 χ^2/NDF: 1042236191

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

- sign 18383.716+/-0.000 χ^2/NDF: 5733172508506

Left In: 27129.540+/-0.000 χ^2/NDF:1423085831249316263715504915237037932544.0/3

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF: 189401522791607614448600157723362852864.0/14

+ sign 685.555+/-0.000 χ^2/NDF: 214576633329863

Left Out: 833.178+/-0.000 χ^2/NDF:1325271210807345232740050429730304819 2.0/4

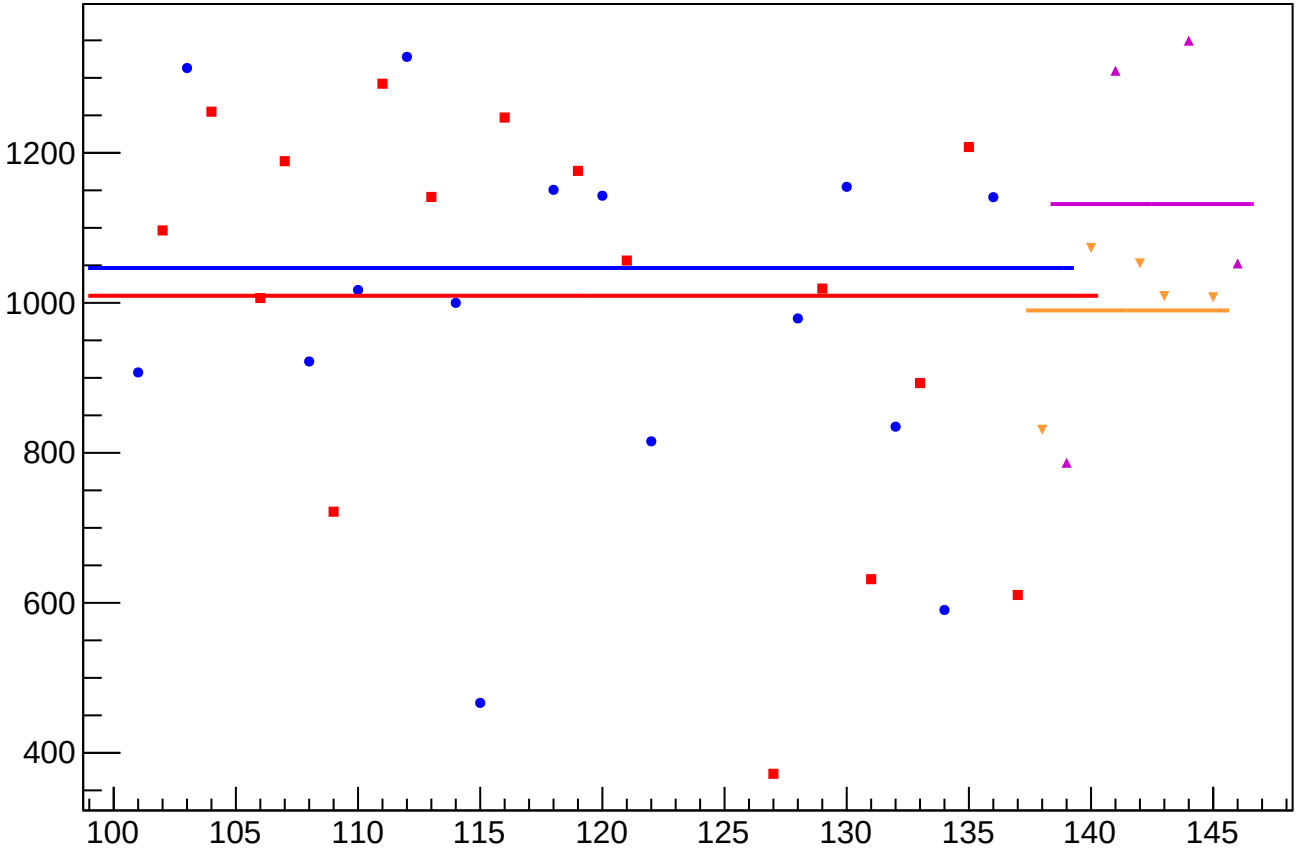
All: 757.871+/-0.000 χ^2/NDF: 12638986840 8

Right Out: 749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15

- sign 830.043+/-0.000 χ^2/NDF: 103884201223173

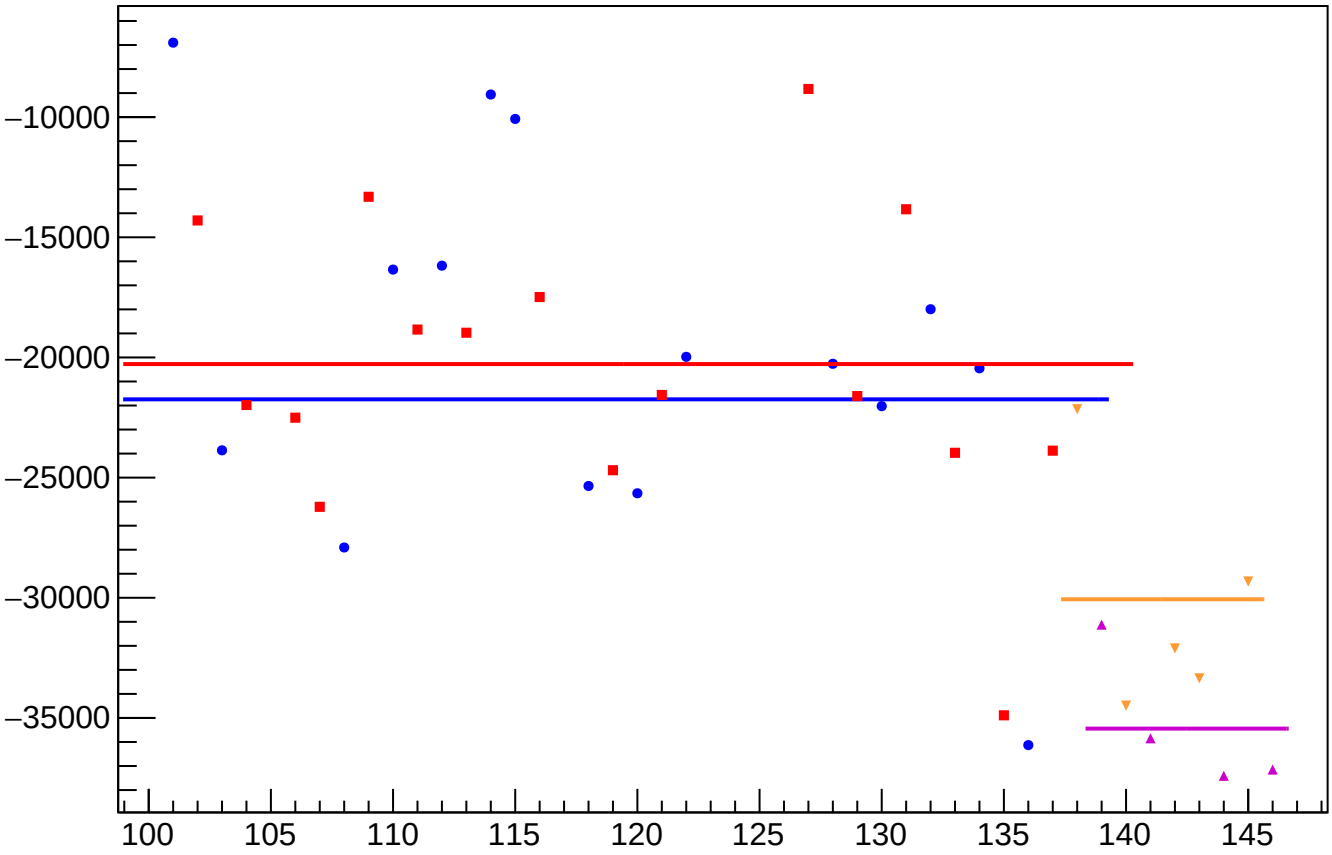
Left In: 988.821+/-0.000 χ^2/NDF:46440142062152212984949718290855362 56.0/3

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557 1968.0/3

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF: 4110685882357952732519867567539879306854 4.0/14

+ sign -24679.538+/-0.000 χ^2/NDF: 644060553224

Left Out: -30062.531+/-0.000 χ^2/NDF:7446354978939666709366561749754001227776.0/4

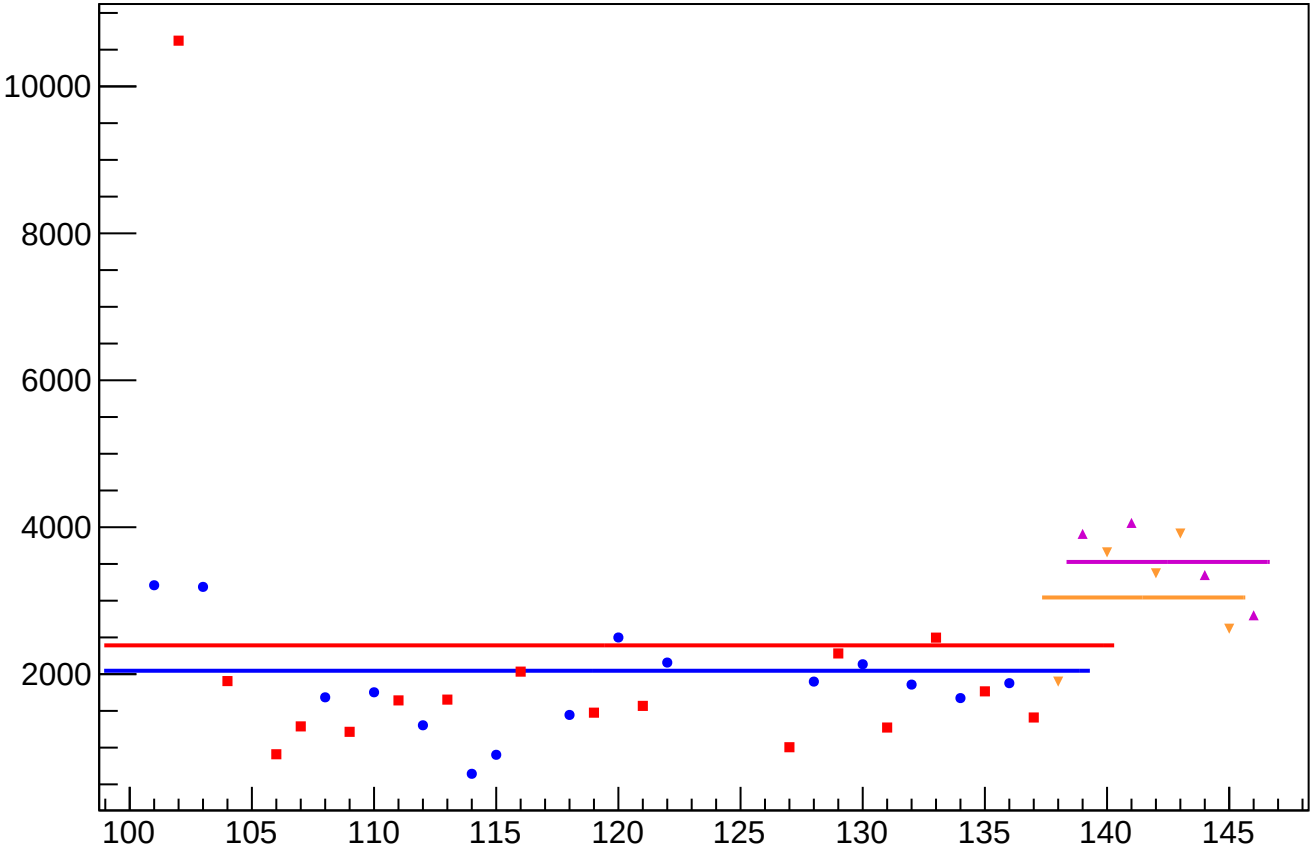
All: -25028.479+/-0.000 χ^2/NDF: 144310179

Right Out: -20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

- sign -25376.725+/-0.000 χ^2/NDF: 7966011658444

Left In: -35443.513+/-0.000 χ^2/NDF:2113669680611722220932695447622121422848.0/3

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000 χ^2/NDF: 26655551592734889203683305835522634547 2.0/14

Left Out: 3043.761+/-0.000 χ^2/NDF:2036230926040670511351966539676490137 60.0/4

Right Out: 2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15

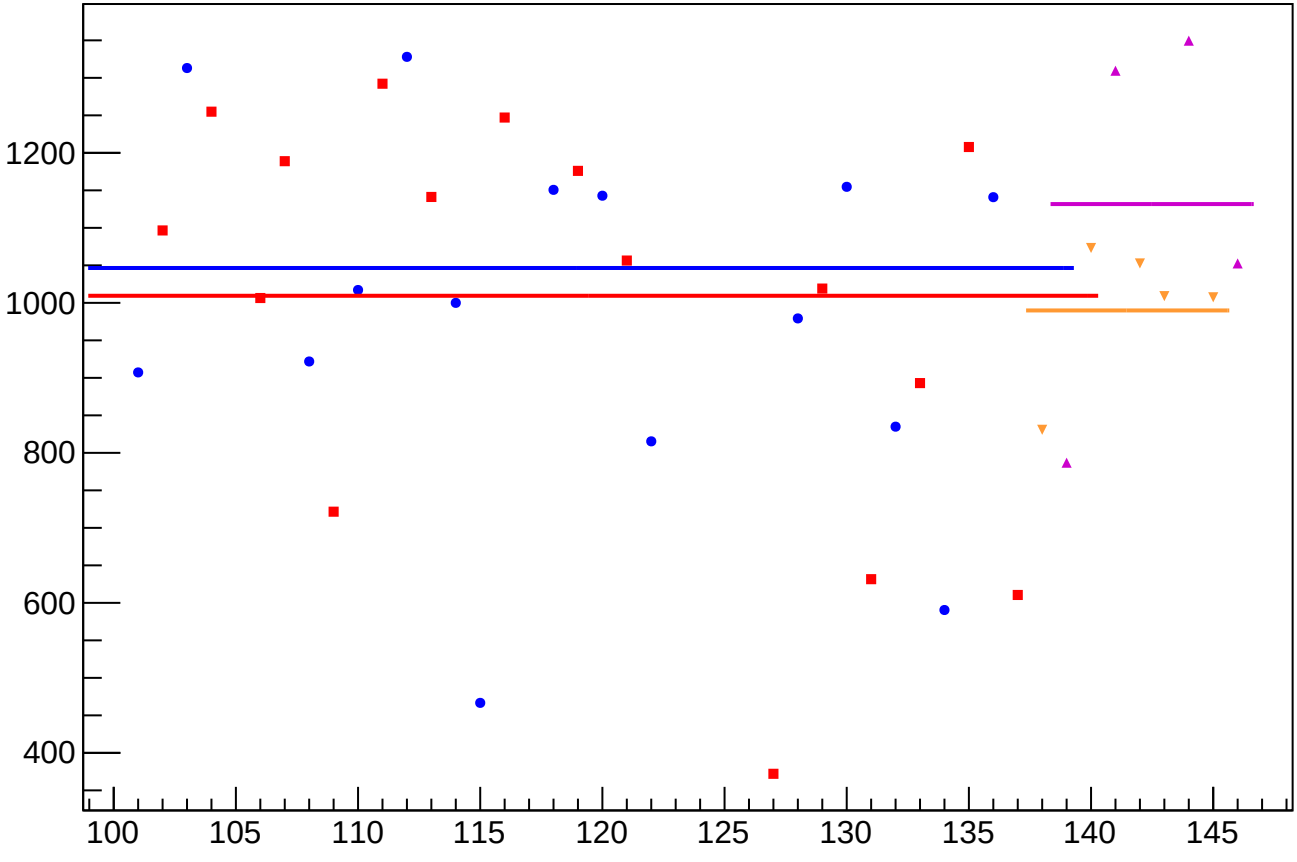
Left In: 3527.500+/-0.000 χ^2/NDF:824027399852561570802635413826526248 96.0/3

+ sign 2398.380+/-0.000 χ^2/NDF: 6980510705404 3

All: 2586.302+/-0.000 χ^2/NDF: 5555785333 6

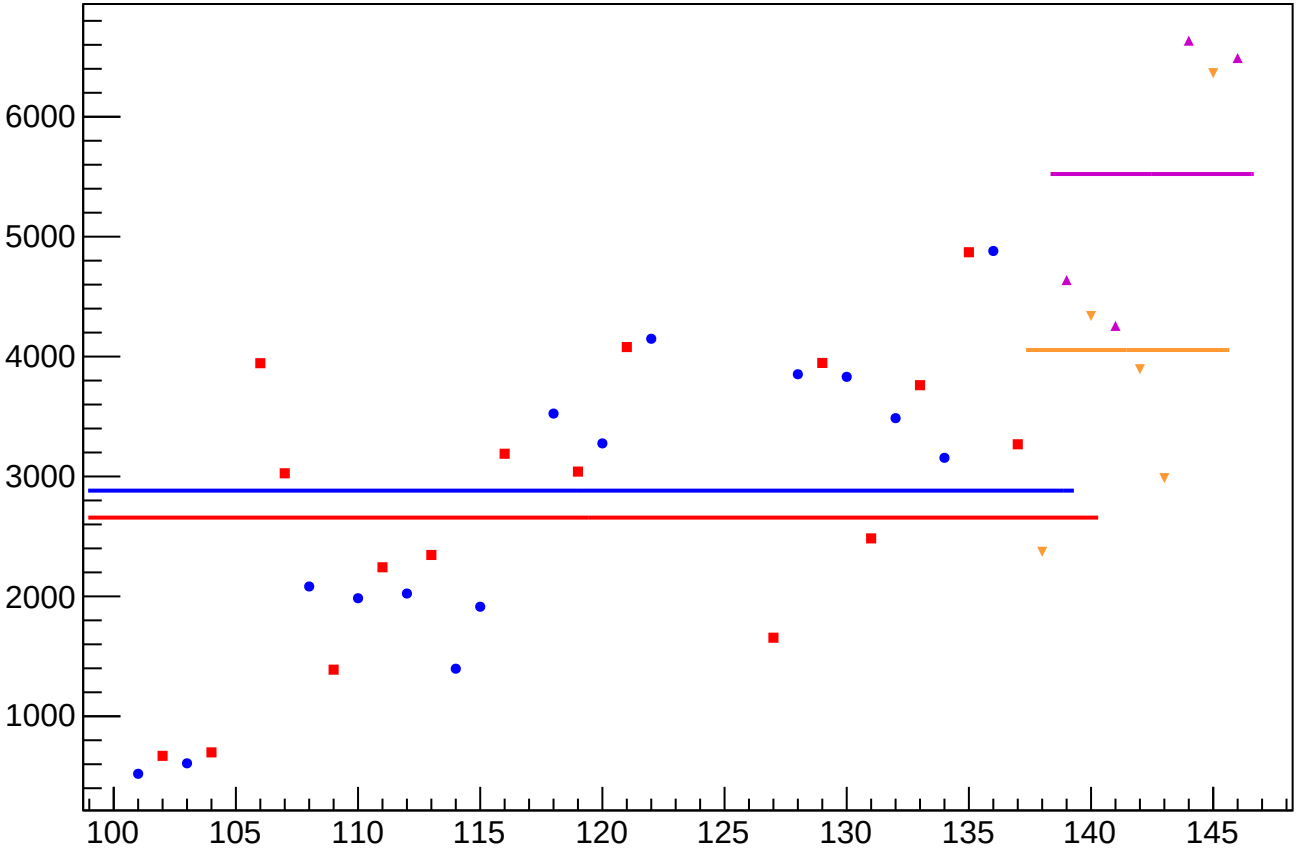
- sign 2773.849+/-0.000 χ^2/NDF: 4786963814034 1

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:27735458354641951768375797983446302 72.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:17062050594684537989489620676895571968.0/3

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

+ sign 3295.929+/-0.000 χ^2/NDF: 2372471056566

Left Out: 4054.918+/-0.000 χ^2/NDF:7369924307560248880944127888970230005 76.0/4

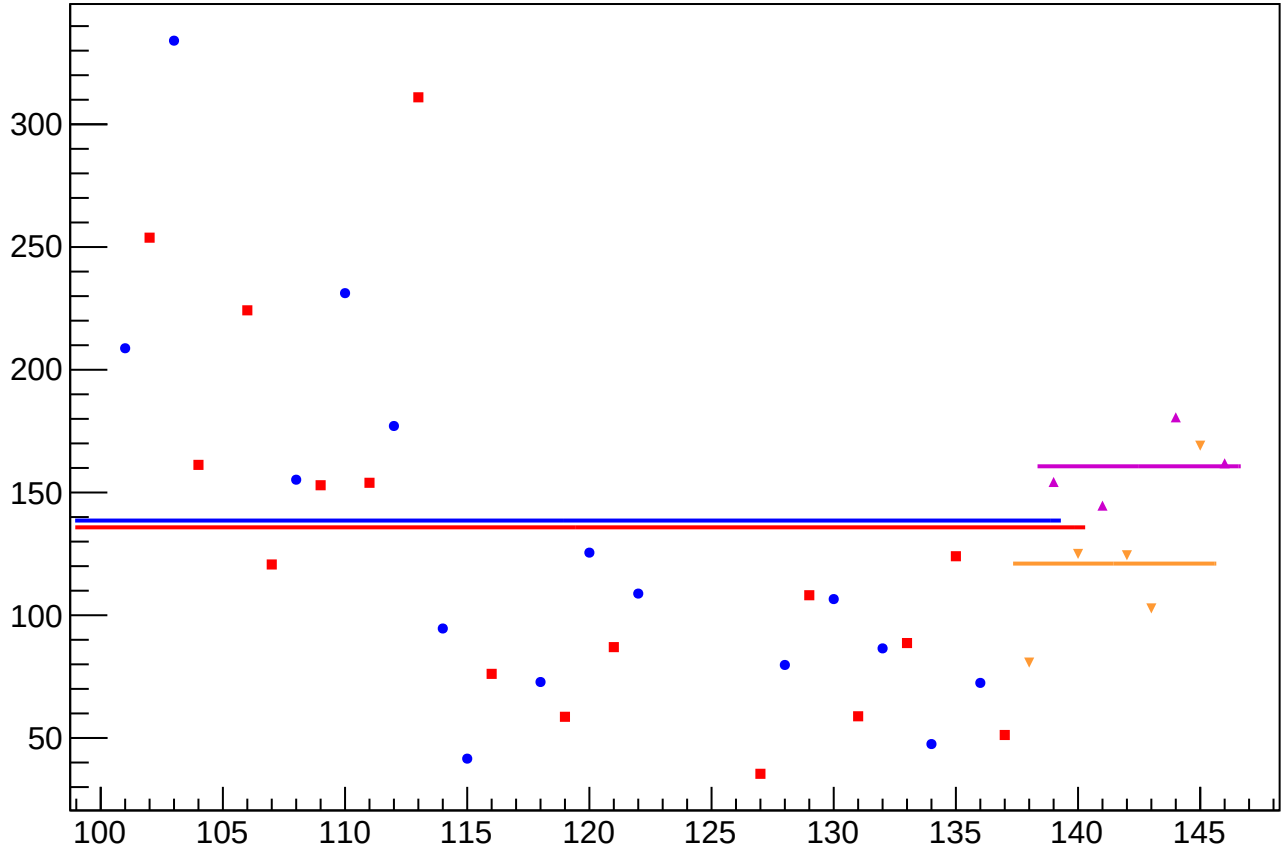
All: 3458.458+/-0.000 χ^2/NDF: 5732664250

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

- sign 3620.664+/-0.000 χ^2/NDF: 33072557533162

Left In: 5522.495+/-0.000 χ^2/NDF:3875128416015136386275726915734664642 56.0/3

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF: 424236988997981137388377402133551513 6.0/14

Left Out: 121.044+/-0.000 χ^2/NDF:337902121167839665527335124138459136.0/4

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736437 76.0/15

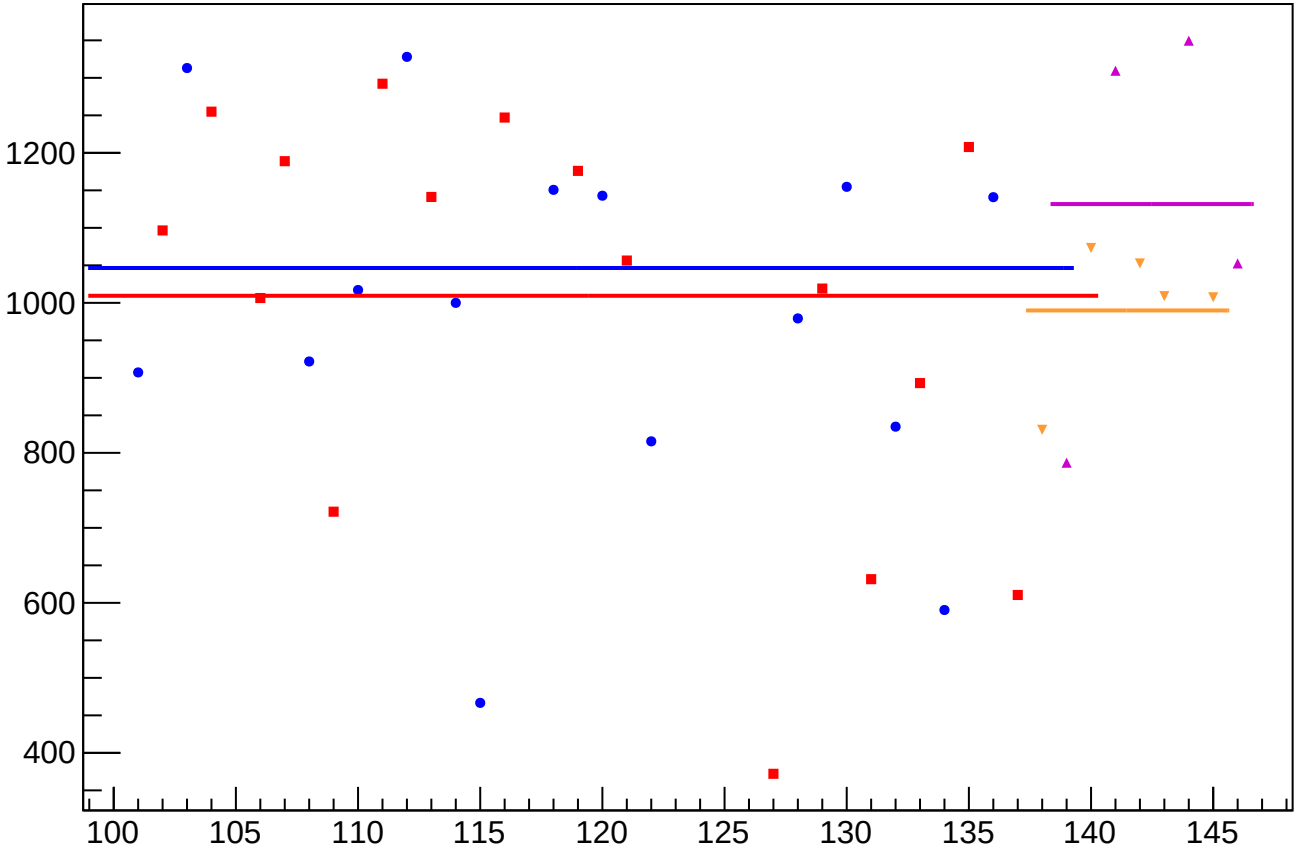
Left In: 160.677+/-0.000 χ^2/NDF:606877194786058896618188834823208 96.0/3

+ sign 132.389+/-0.000 χ^2/NDF: 46506856751671 9

All: 138.287+/-0.000 χ^2/NDF: 88762042286 3

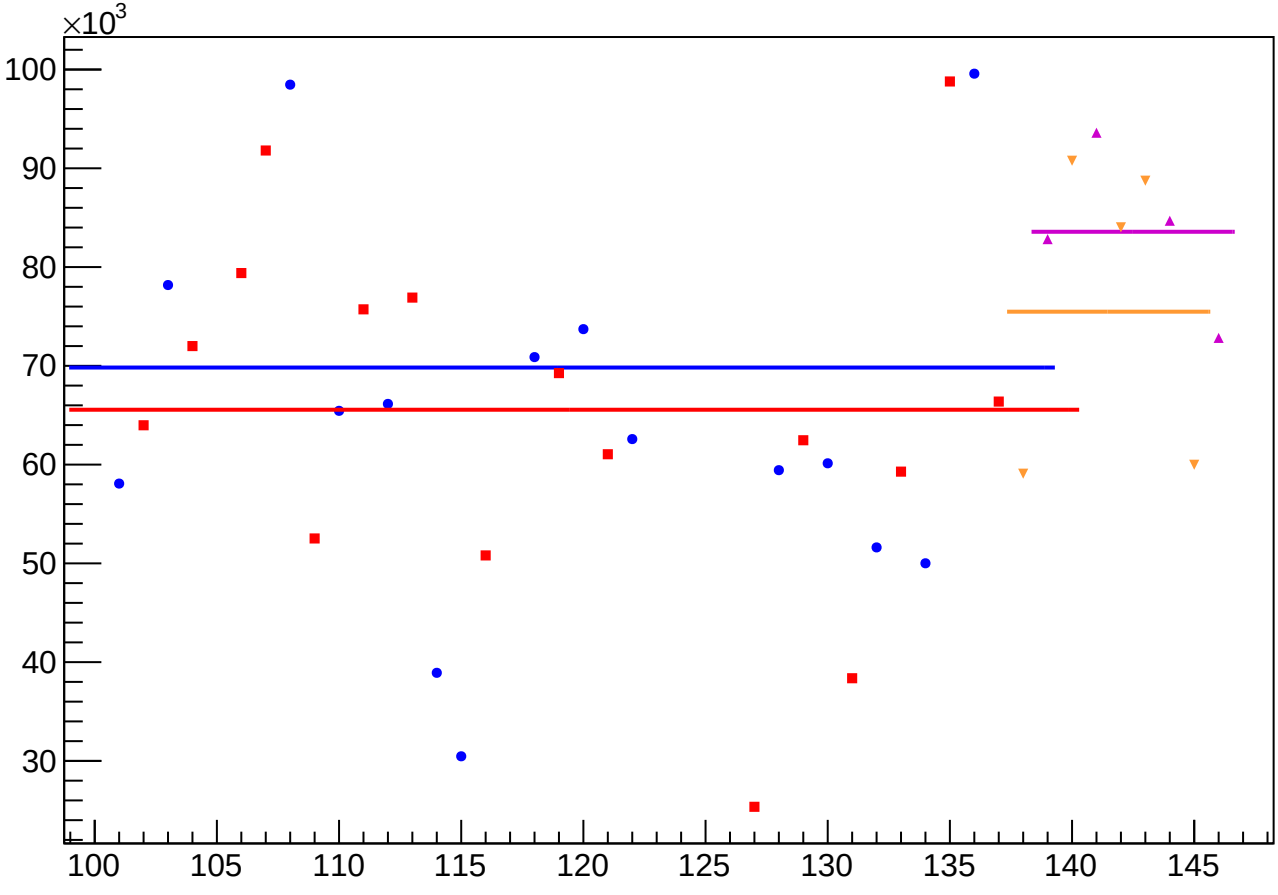
- sign 144.172+/-0.000 χ^2/NDF: 41558185658554 0

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

+ sign 71823.652+/-0.000 χ^2/NDF: 2698665923975

Left Out: 75482.719+/-0.000 χ^2/NDF:747384359018012290763181610898772312719 36.0/4

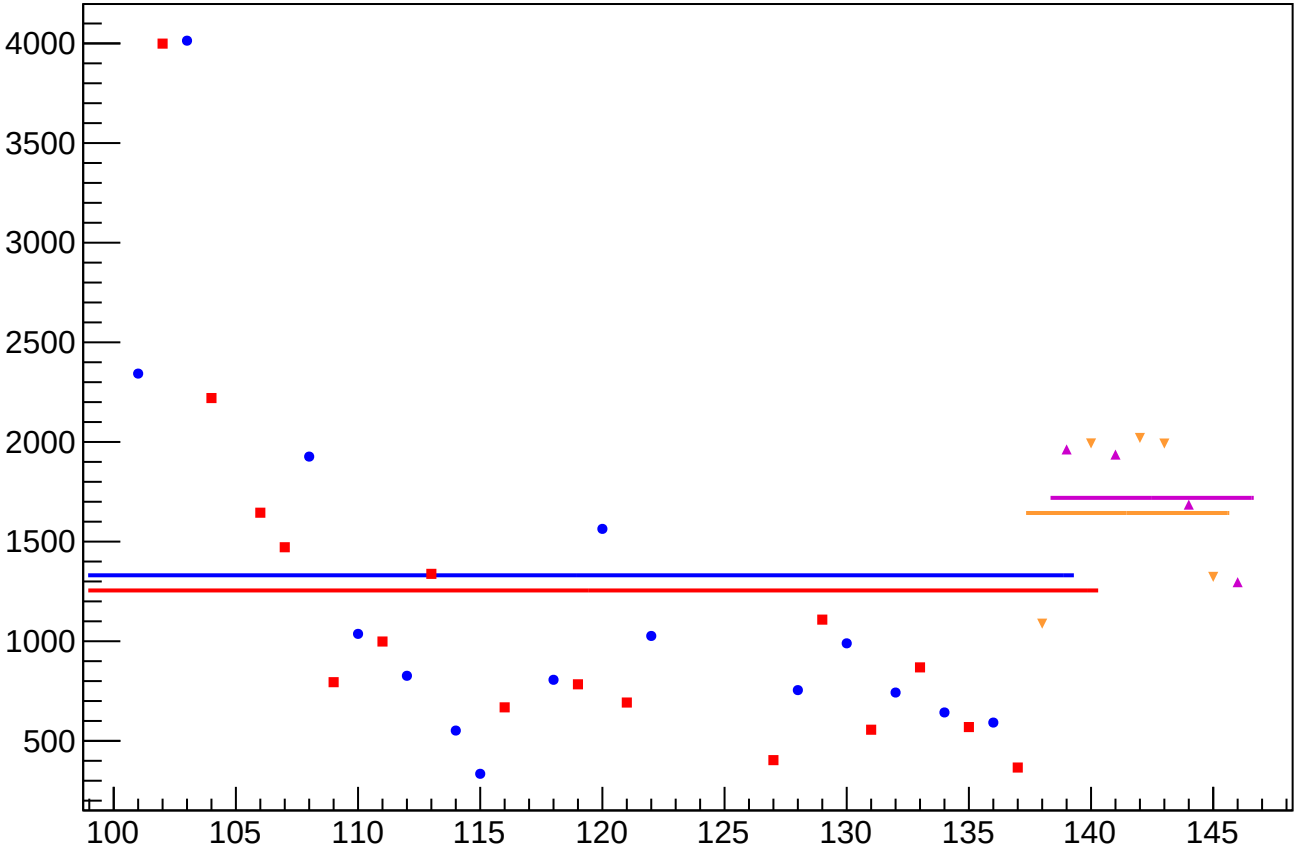
All: 71719.144+/-0.000 χ^2/NDF: 5729974300

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416 73472.0/15

- sign 71614.843+/-0.000 χ^2/NDF: 3031089499935

Left In: 83572.882+/-0.000 χ^2/NDF:1828309201210395406981096546458624694 6816.0/3

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14

+ sign 1441.300+/-0.000 χ^2/NDF: 7289021483689 7

Left Out: 1643.597+/-0.000 χ^2/NDF:5703171907133554098045026468245589 1968.0/4

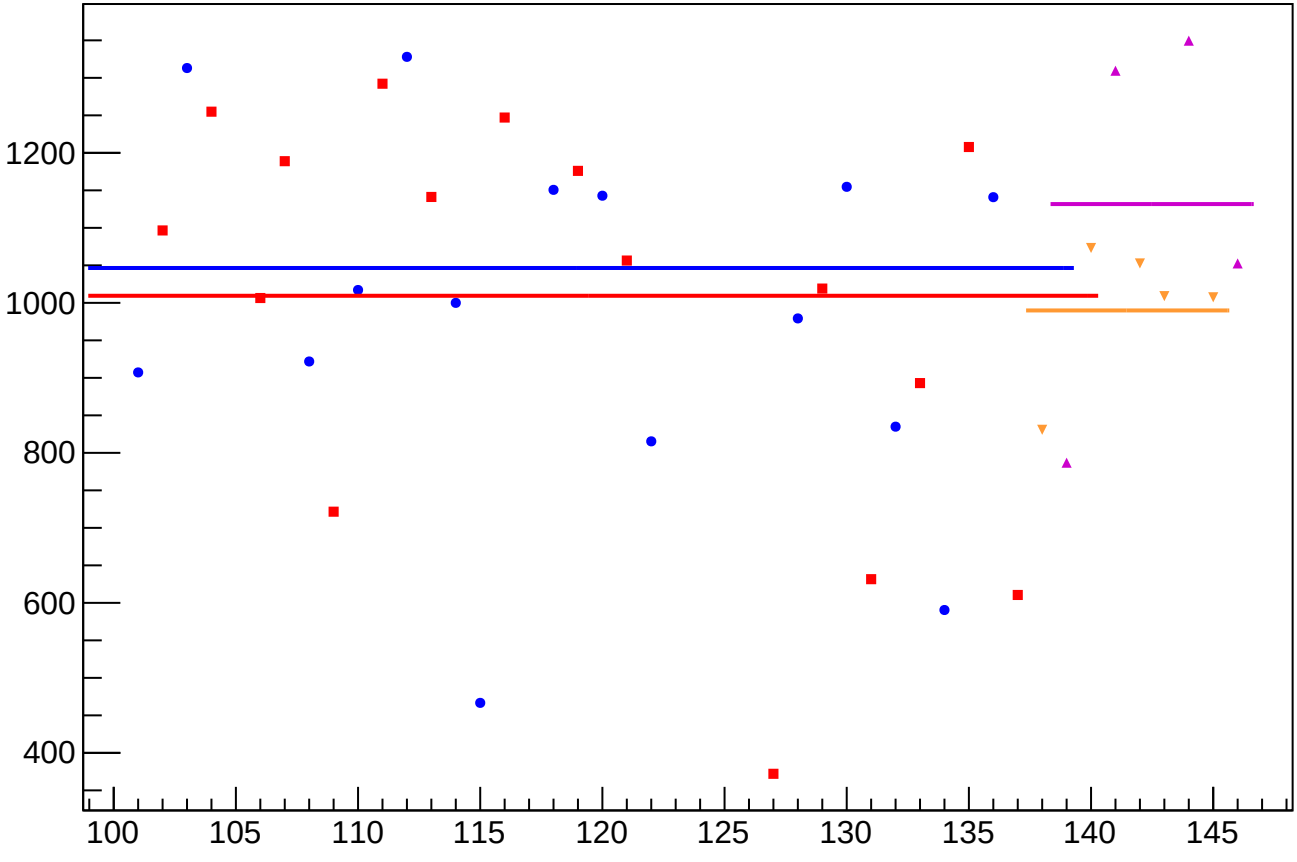
All: 1426.213+/-0.000 χ^2/NDF: 1433695076 8

Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008 61765632.0/15

- sign 1411.156+/-0.000 χ^2/NDF: 7043367821572 0

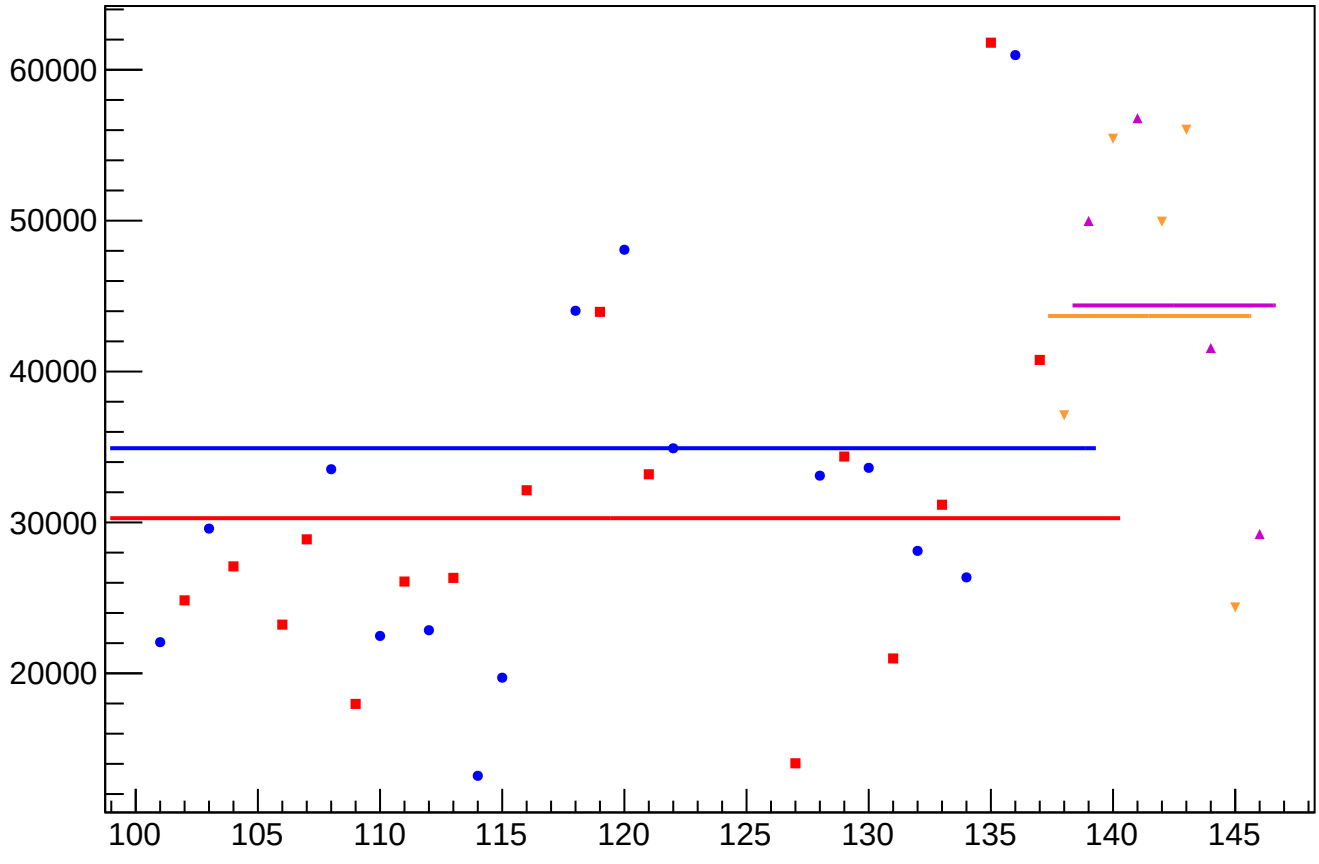
Left In: 1719.564+/-0.000 χ^2/NDF:2375631223664587599944682535643407 9744.0/3

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557 1968.0/3

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

+ sign 38012.547+/-0.000 χ^2/NDF: 1808988164818

Left Out: 43682.739+/-0.000 χ^2/NDF:5692186979337074537095062373275134433689 6.0/4

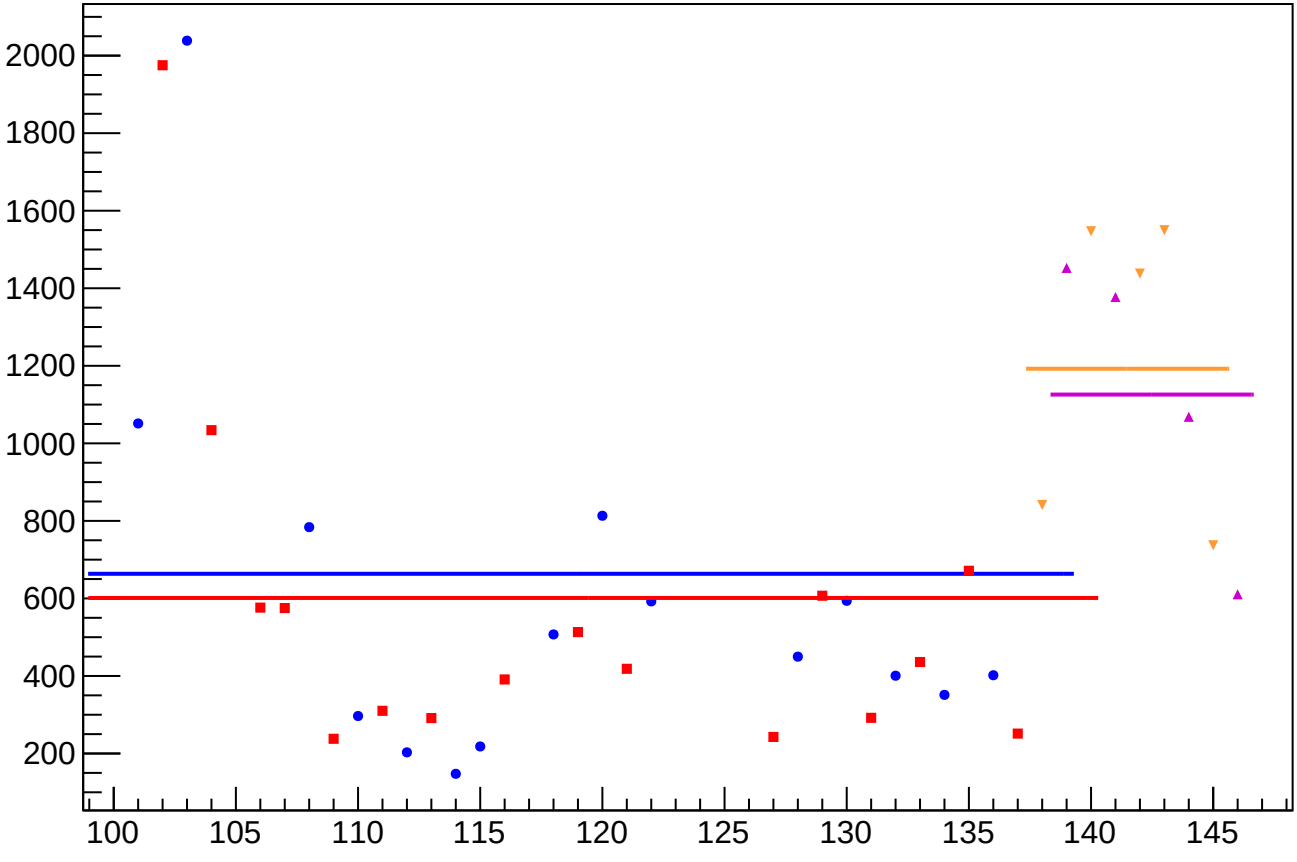
All: 36516.916+/-0.000 χ^2/NDF: 353704512 0

Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

- sign 35024.260+/-0.000 χ^2/NDF: 1683229099298

Left In: 44381.771+/-0.000 χ^2/NDF:3538262551284416816310245571392304473702 4.0/3

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14

Left Out: 1192.486+/-0.000 χ^2/NDF:4806985906526408888406186883967824691 2.0/4

Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15

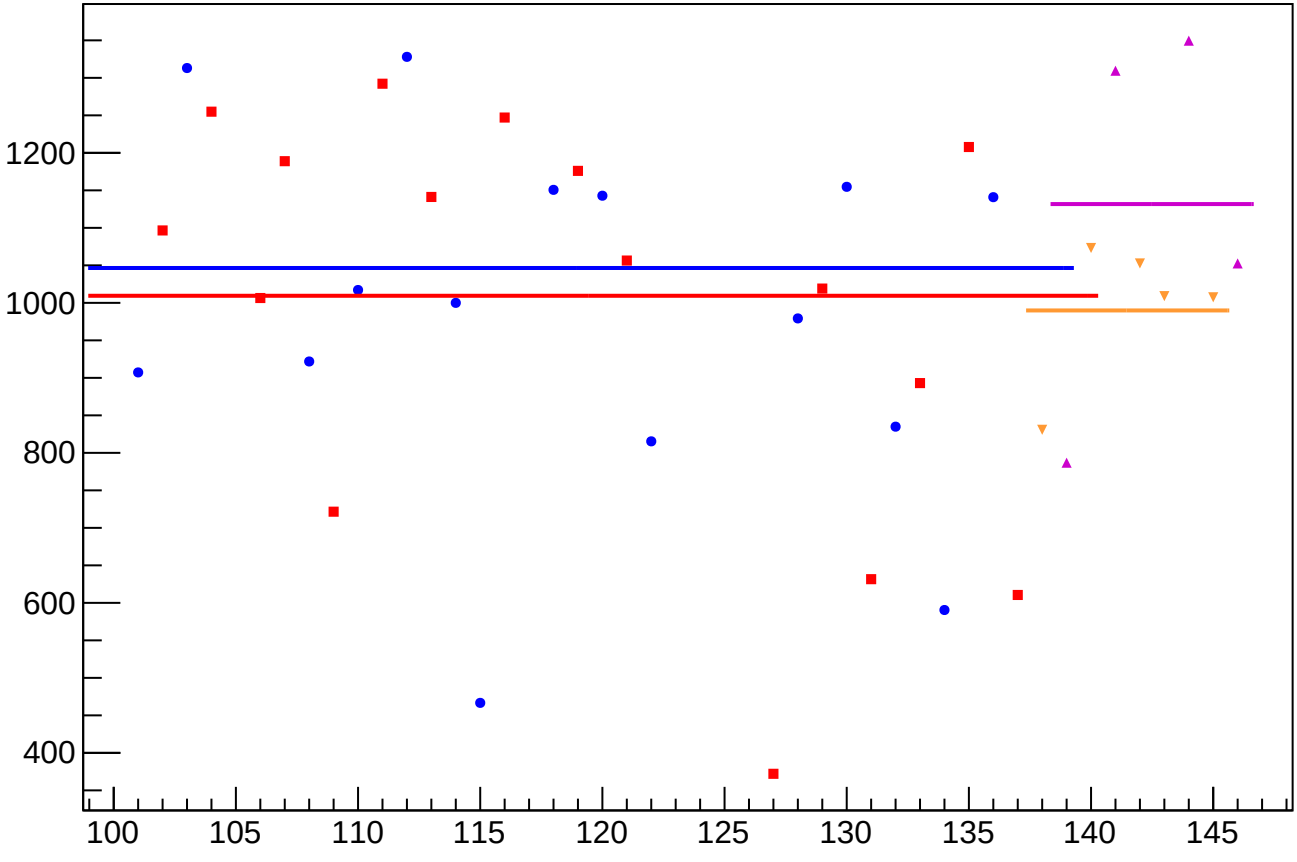
Left In: 1125.805+/-0.000 χ^2/NDF:3634168227715944309614335114112034406 4.0/3

+ sign 850.248+/-0.000 χ^2/NDF: 2698404128396 11

All: 813.910+/-0.000 χ^2/NDF: 5202787284 33

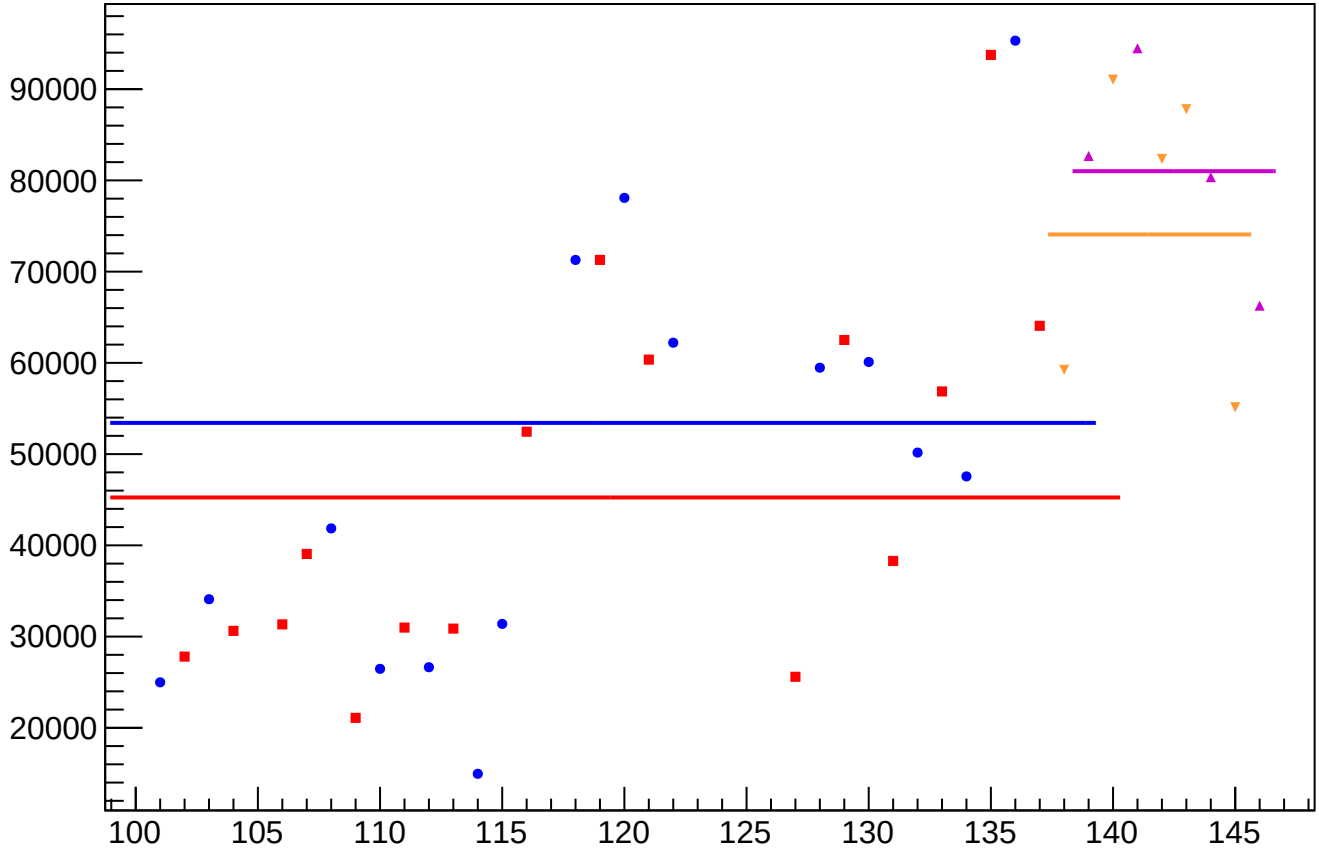
- sign 777.645+/-0.000 χ^2/NDF: 2477921441050 71

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557 1968.0/3

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF: 360635757315133800133751123167777346551808.0/14

+ sign 60711.724+/-0.000 χ^2/NDF: 543950459044

Left Out: 74075.391+/-0.000 χ^2/NDF:856110595666791024649424285777163557273 60.0/4

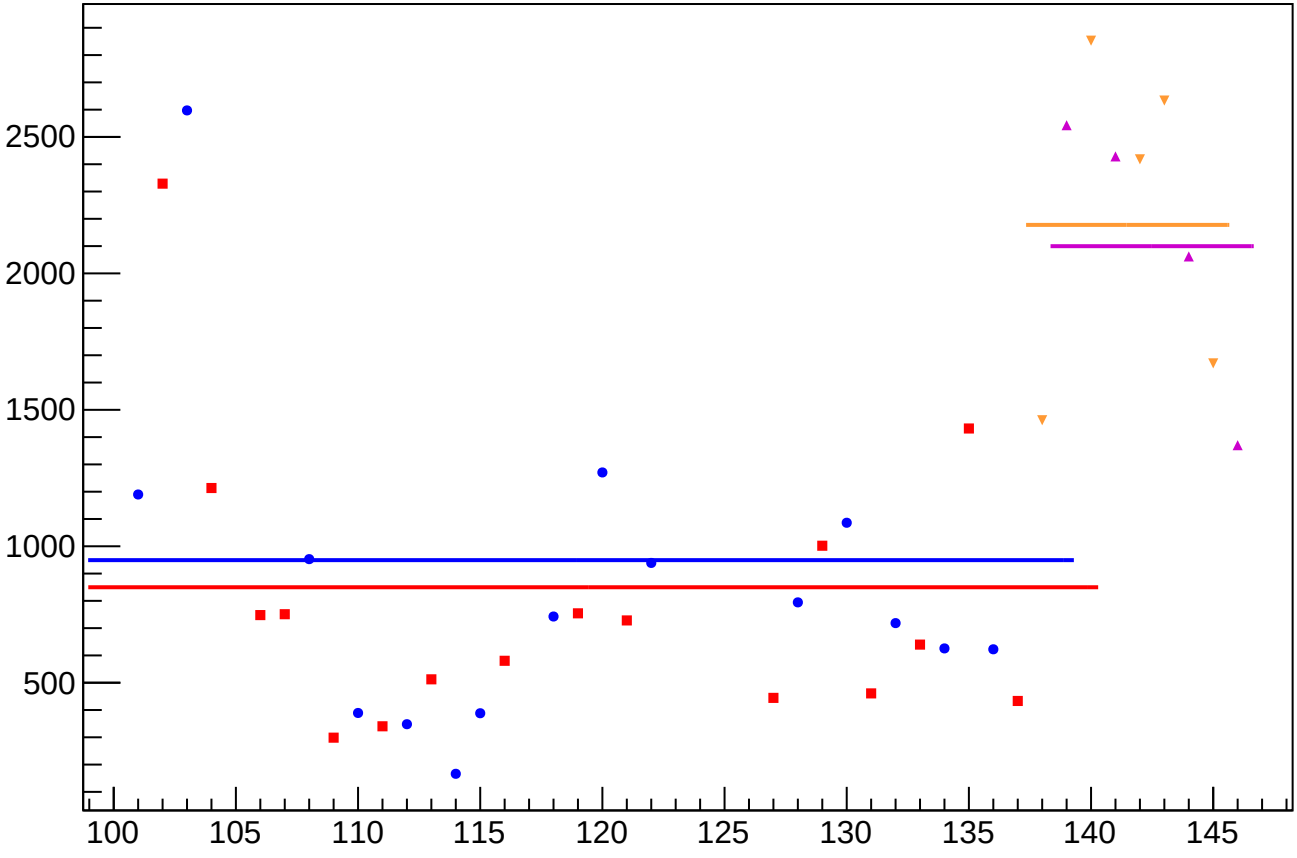
All: 58991.567+/-0.000 χ^2/NDF: 115655193

Right Out: 45247.617+/-0.000 χ^2/NDF: 286060196488034430215784613374055547928576.0/15

- sign 57274.832+/-0.000 χ^2/NDF: 6066717479783

Left In: 81009.011+/-0.000 χ^2/NDF:337281937478941146096274004538849513963 52.0/3

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

+ sign 1382.794+/-0.000 χ^2/NDF: 6861671810783 8

Left Out: 2177.721+/-0.000 χ^2/NDF:1147640066180770583463311216561723801 60.0/4

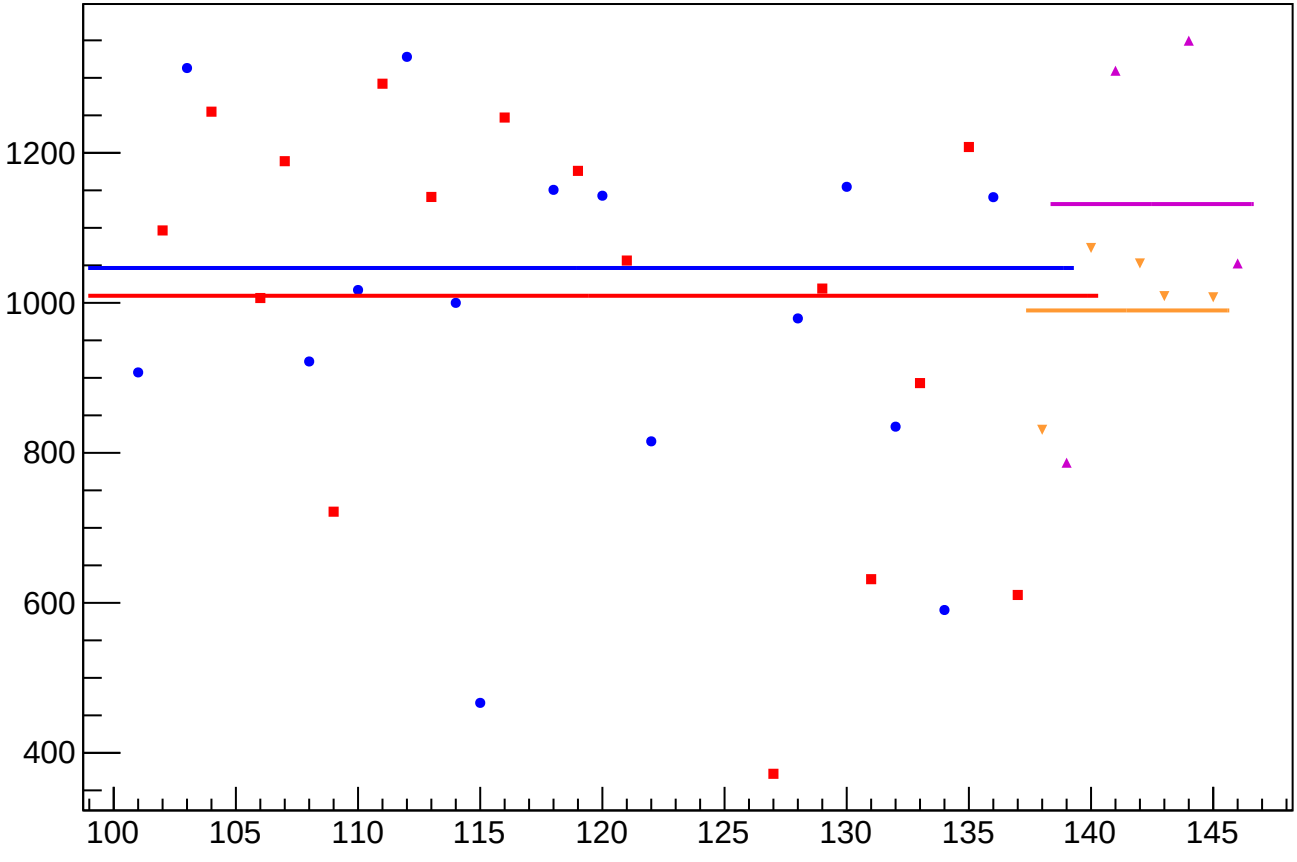
All: 1326.433+/-0.000 χ^2/NDF: 1316982621 4

Right Out: 849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

- sign 1270.185+/-0.000 χ^2/NDF: 6244496803491 9

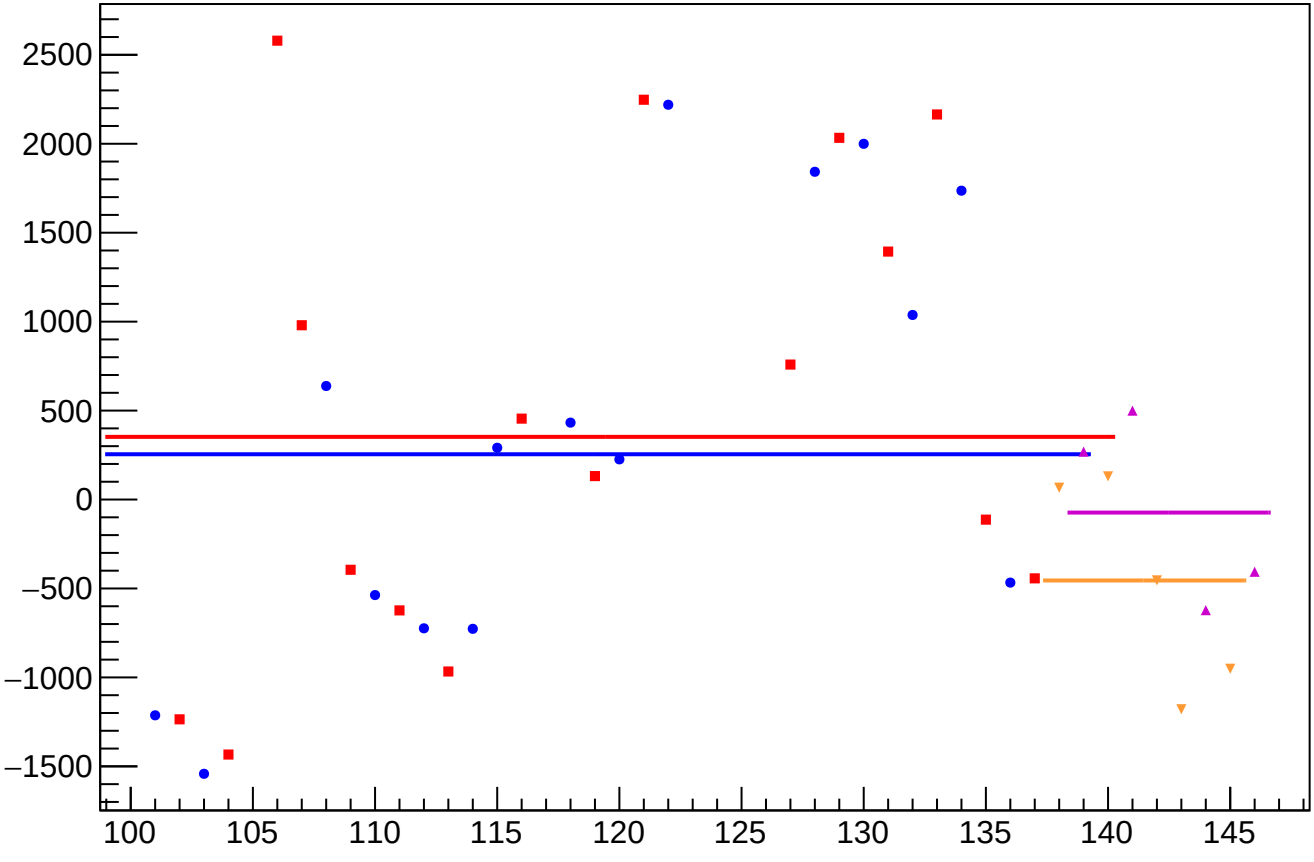
Left In: 2099.708+/-0.000 χ^2/NDF:6938709268882061420246950159157559296 0.0/3

dit_sam4_coil1_Ndata_mean vs Slug



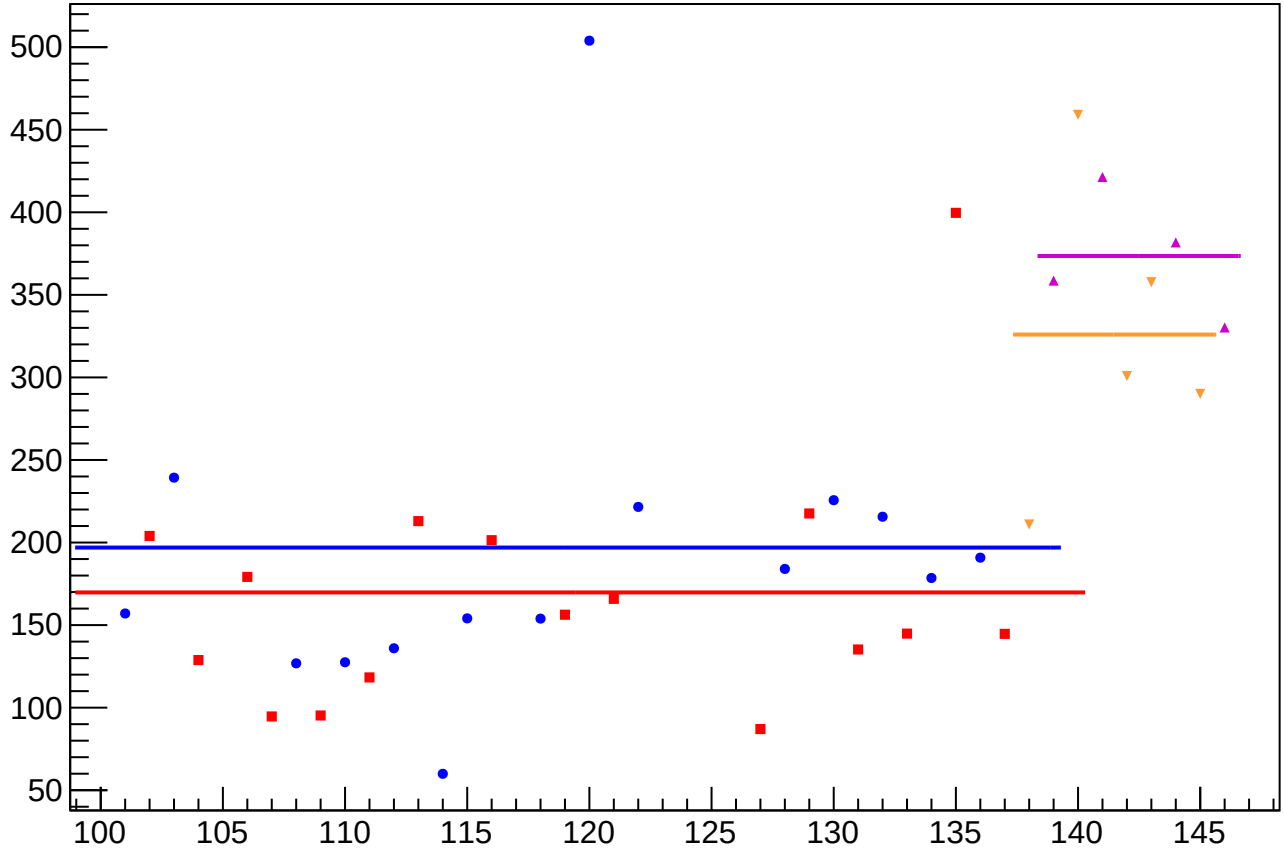
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 2837419803974 3
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 6501883610958 1
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign 4.140+/-0.000 χ^2/NDF: 11981079304148224
Left Out: -454.998+/-0.000 χ^2/NDF:1043751793287544888220041903330662809 60.0/4
All: 106.755+/-0.000 χ^2/NDF: 24340492858 8
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign 209.166+/-0.000 χ^2/NDF: 121483941607755
Left In: -73.306+/-0.000 χ^2/NDF:7339011356359134072327416552402347 6224.0/3

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 325.956+/-0.000 χ^2/NDF:2684777031473120833130403630201962496.0/4

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

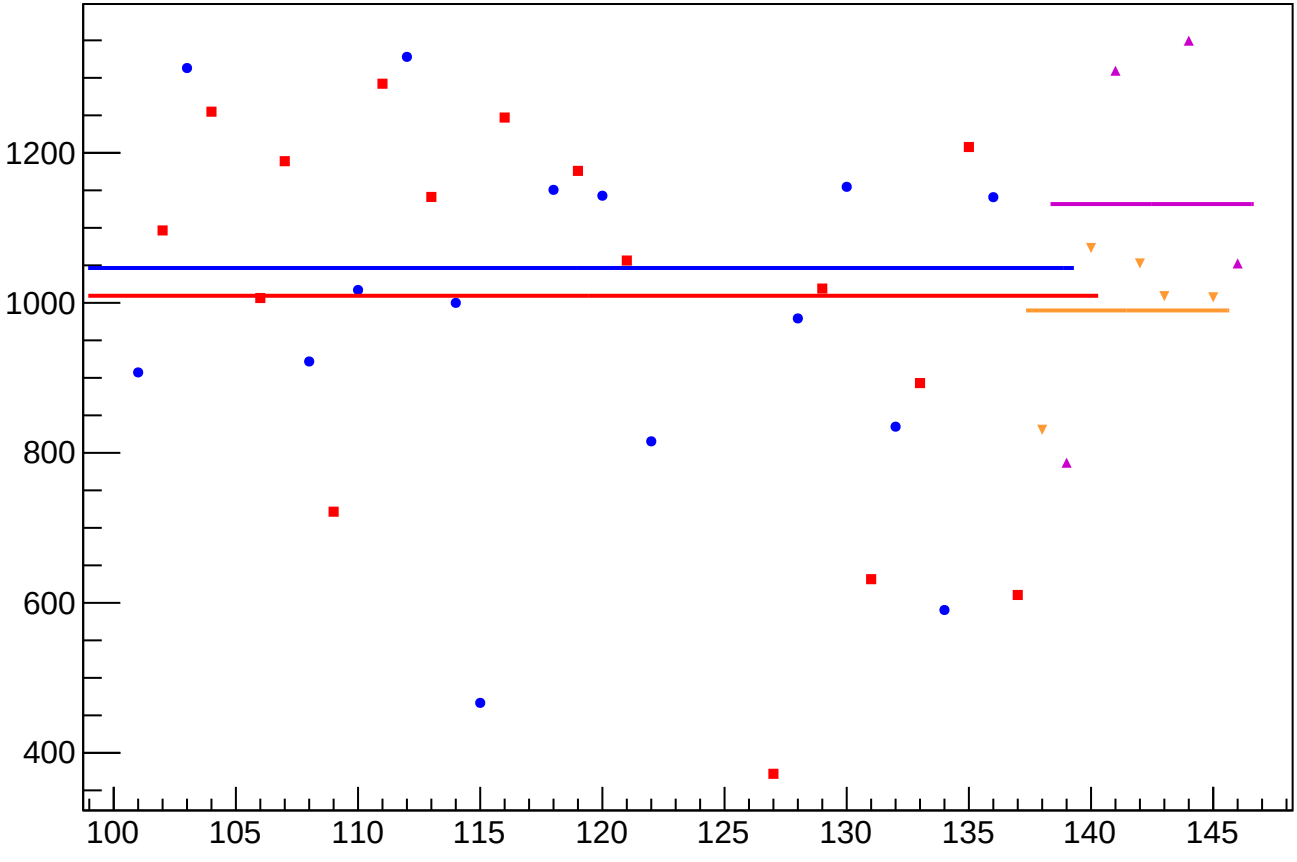
Left In: 373.541+/-0.000 χ^2/NDF:374030755682813453781603191487463424.0/3

+ sign 242.485+/-0.000 χ^2/NDF: 109818550966780

All: 240.394+/-0.000 χ^2/NDF: 24571045810

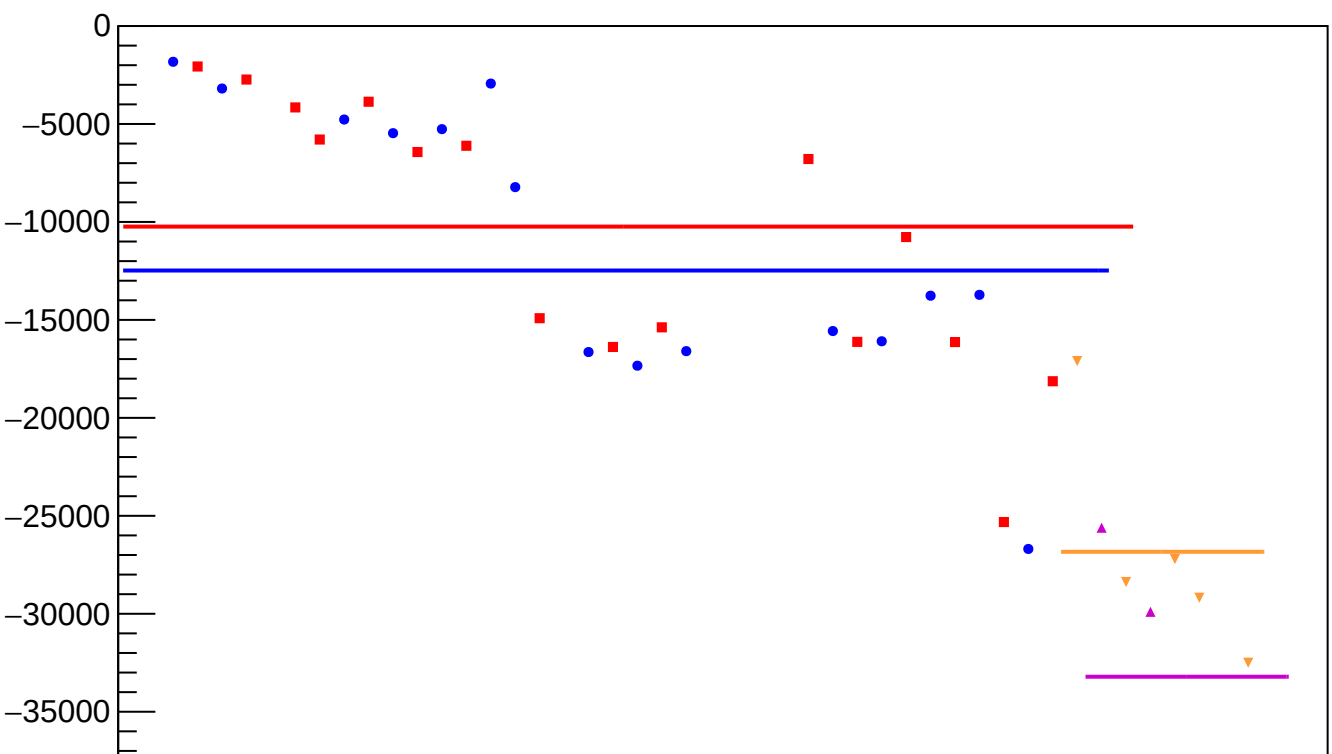
- sign 238.307+/-0.000 χ^2/NDF: 135804286994960

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:27735458354641951768375797983446302 72.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:17062050594684537989489620676895571968.0/3

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

+ sign -17546.505+/-0.000 χ^2/NDF: 989432661745

Left Out: -26835.733+/-0.000 χ^2/NDF:105562919398948357039298772316862011 14624.0/4

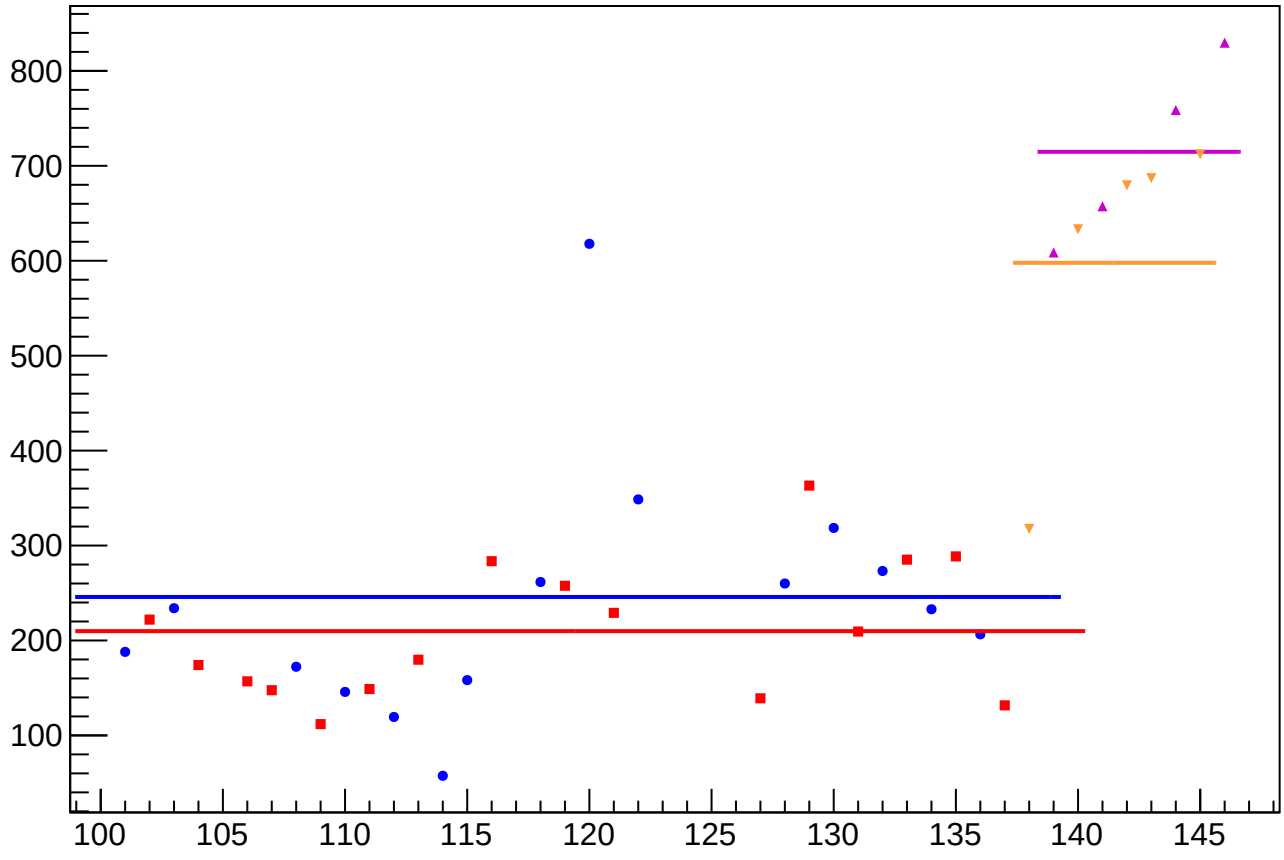
All: -17755.836+/-0.000 χ^2/NDF: 259081710

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180 68224.0/15

- sign -17964.750+/-0.000 χ^2/NDF: 160050629588 5

Left In: -33212.315+/-0.000 χ^2/NDF:104210706780349664593634213936280465 57184.0/3

dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

+ sign 370.067+/-0.000 χ^2/NDF: 443366048733490

Left Out: 597.831+/-0.000 χ^2/NDF:8127206628781844301296651636286947328.0/4

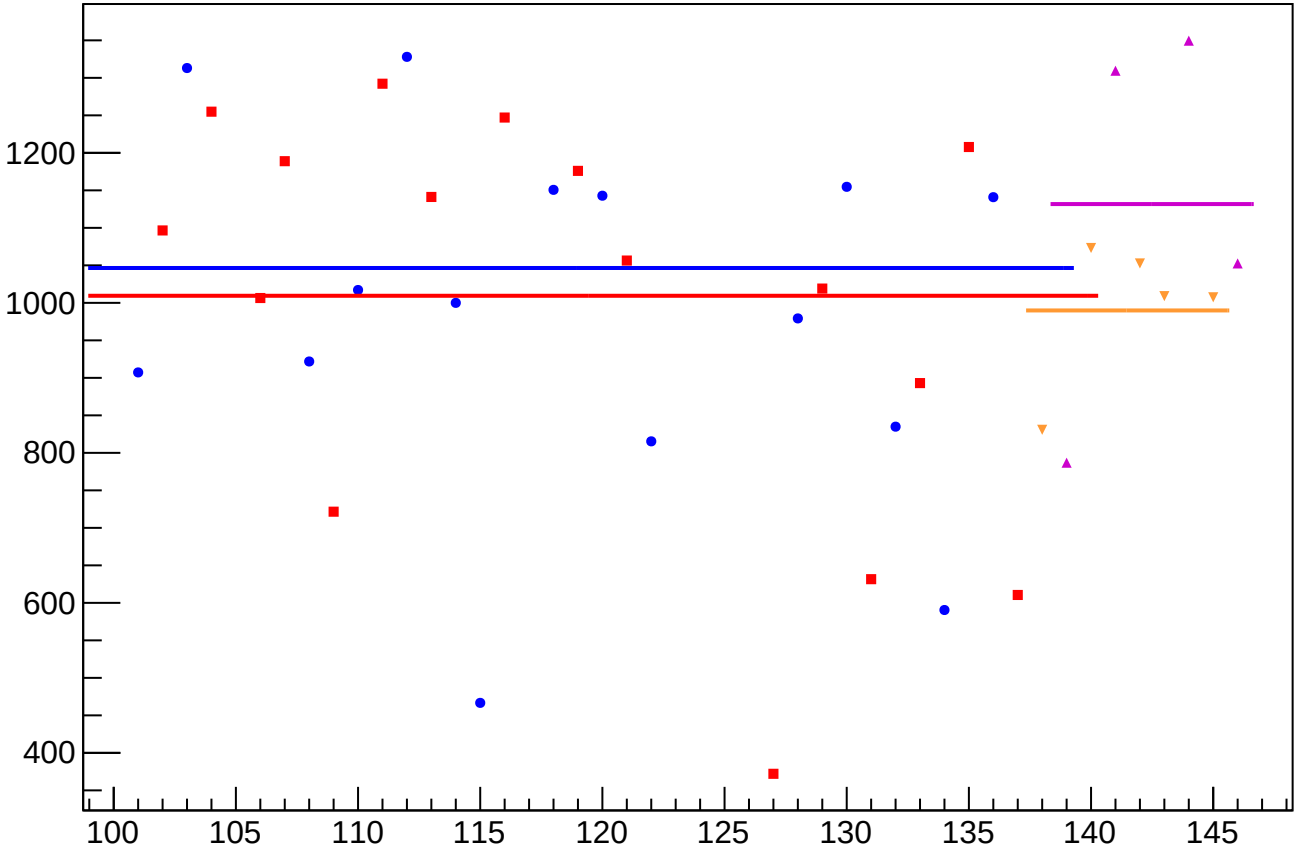
All: 374.866+/-0.000 χ^2/NDF: 10715962209

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

- sign 379.655+/-0.000 χ^2/NDF: 627768712902312

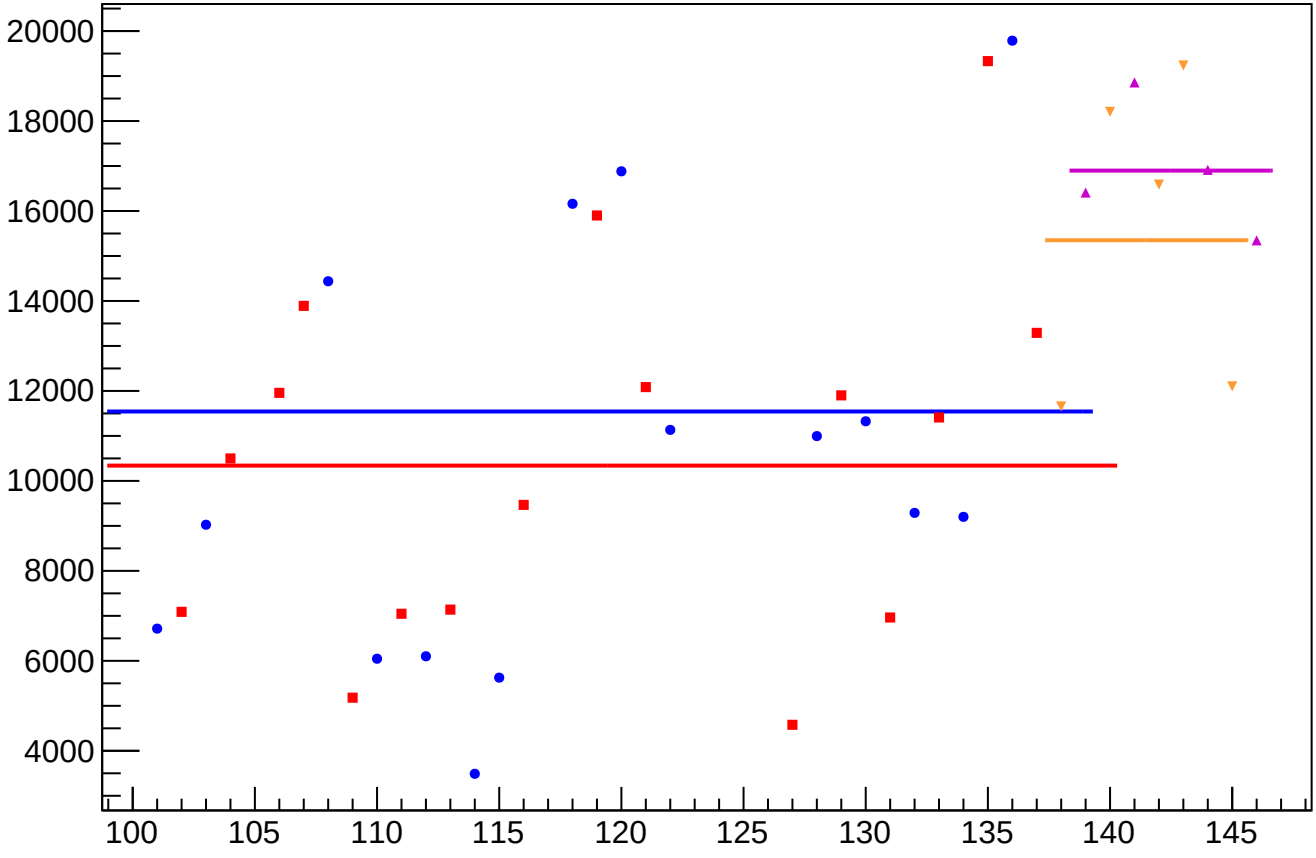
Left In: 714.756+/-0.000 χ^2/NDF:2459861685620115659191270231618093056.0/3

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Left Out: 15349.847+/-0.000 χ^2/NDF:3668301117470337859269347588142603960320.0/4

Right Out: 10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

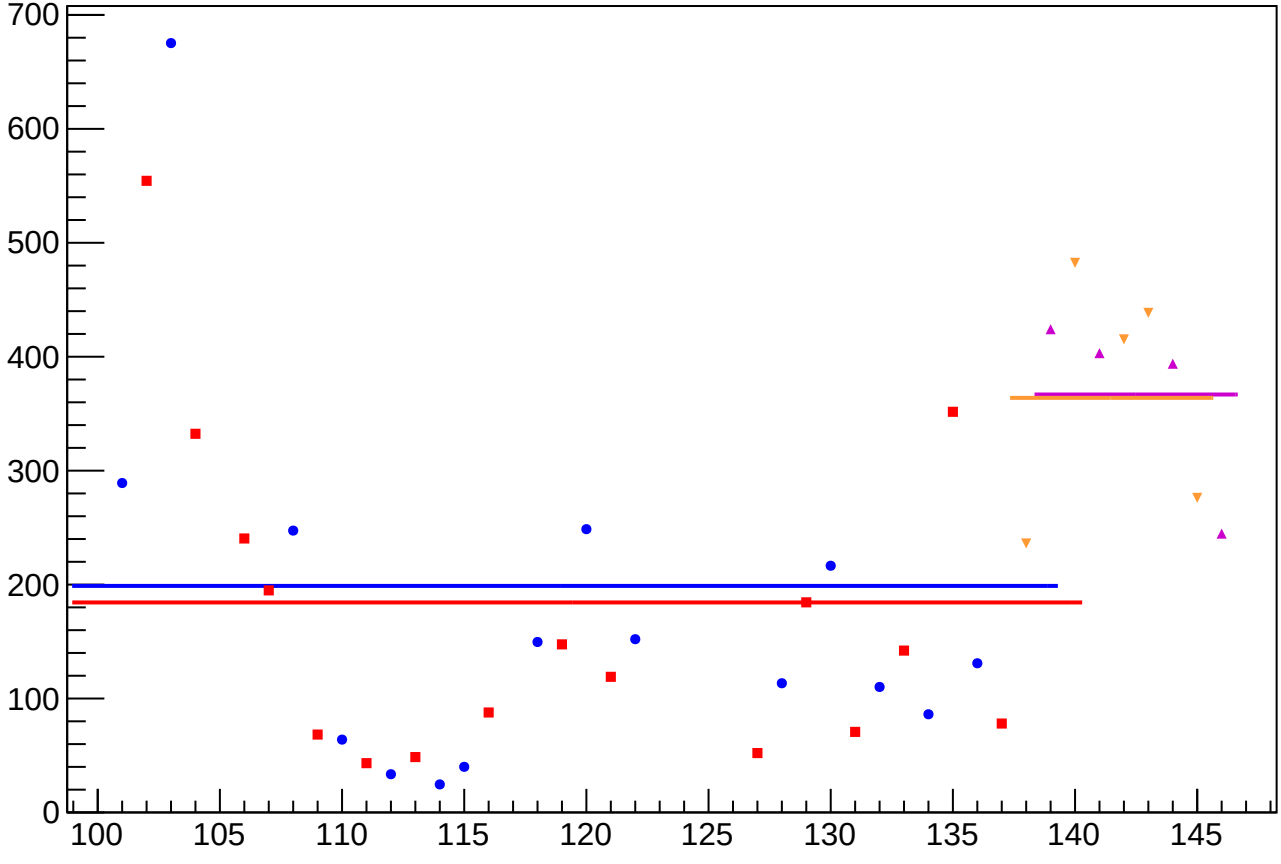
Left In: 16897.791+/-0.000 χ^2/NDF:5454693177695513177480173603976097300 48.0/3

+ sign 12886.437+/-0.000 χ^2/NDF: 2122180341350

All: 12715.791+/-0.000 χ^2/NDF: 4273353967

- sign 12545.485+/-0.000 χ^2/NDF: 2145337959651

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14

Left Out: 363.897+/-0.000 χ^2/NDF:3544120368266559280191572012622151680.0/4

Right Out: 184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837240320 0.0/15

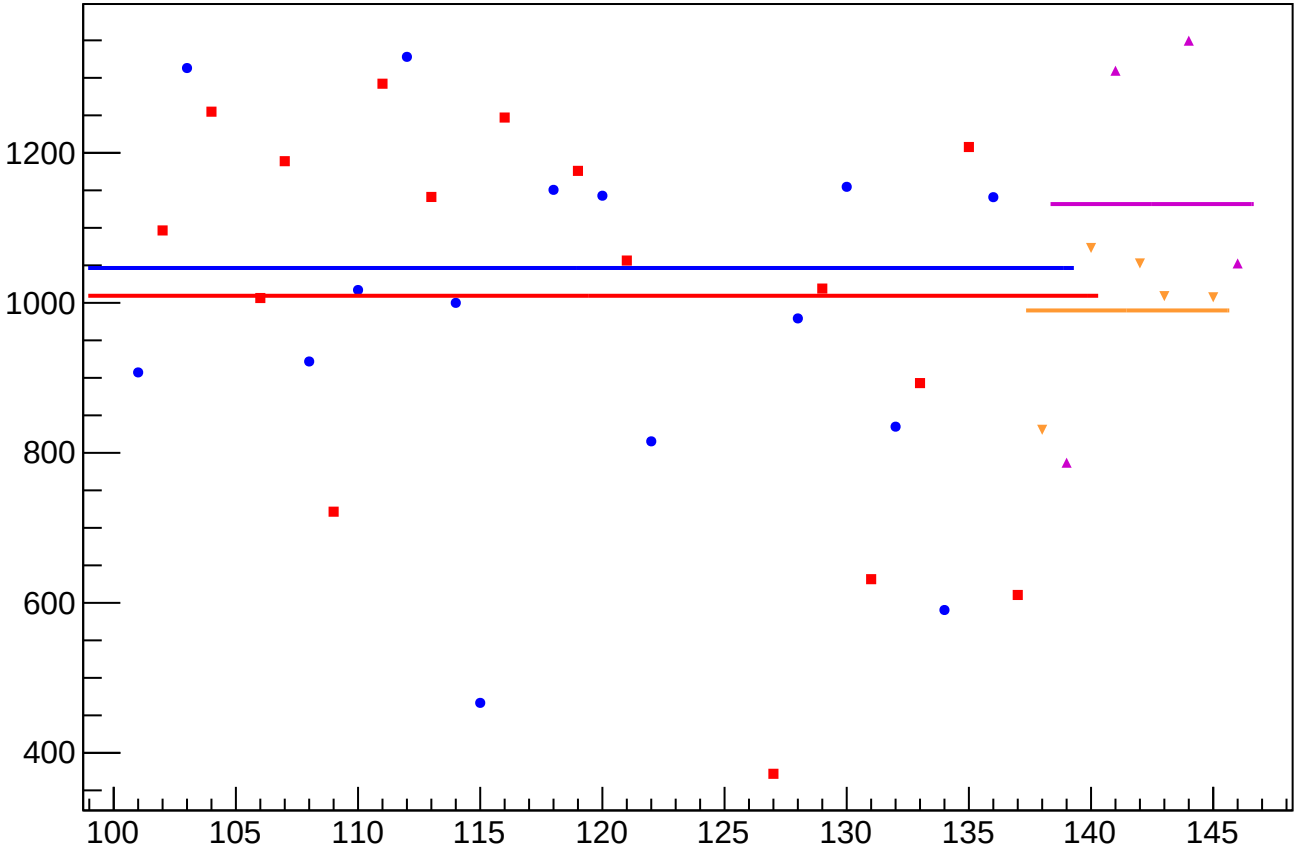
Left In: 366.840+/-0.000 χ^2/NDF:1680438696314560677583273977515606016.0/3

+ sign 257.102+/-0.000 χ^2/NDF: 28117734600107 9

All: 251.401+/-0.000 χ^2/NDF: 52263135971 3

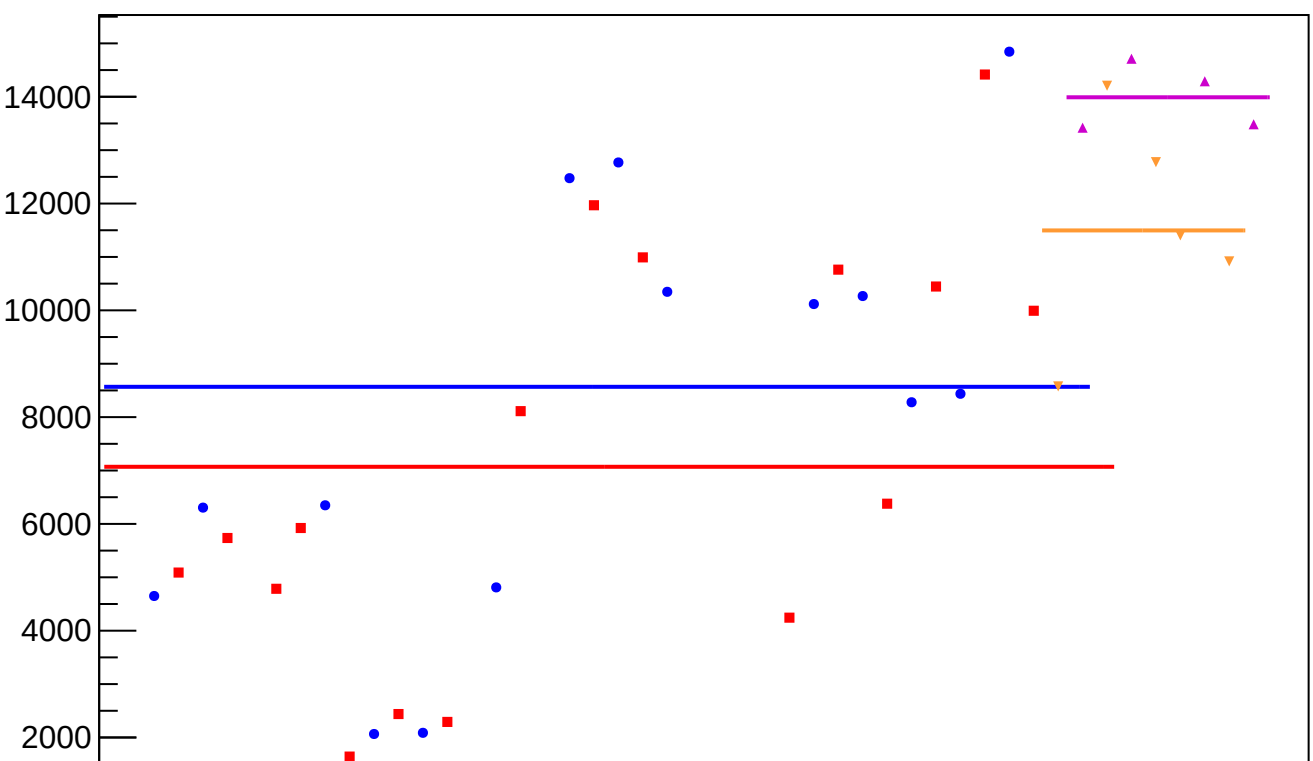
- sign 245.711+/-0.000 χ^2/NDF: 240802603136934

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

Left Out: 11496.726+/-0.000 χ^2/NDF:1370947613475761118236887673385730965504.0/4

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

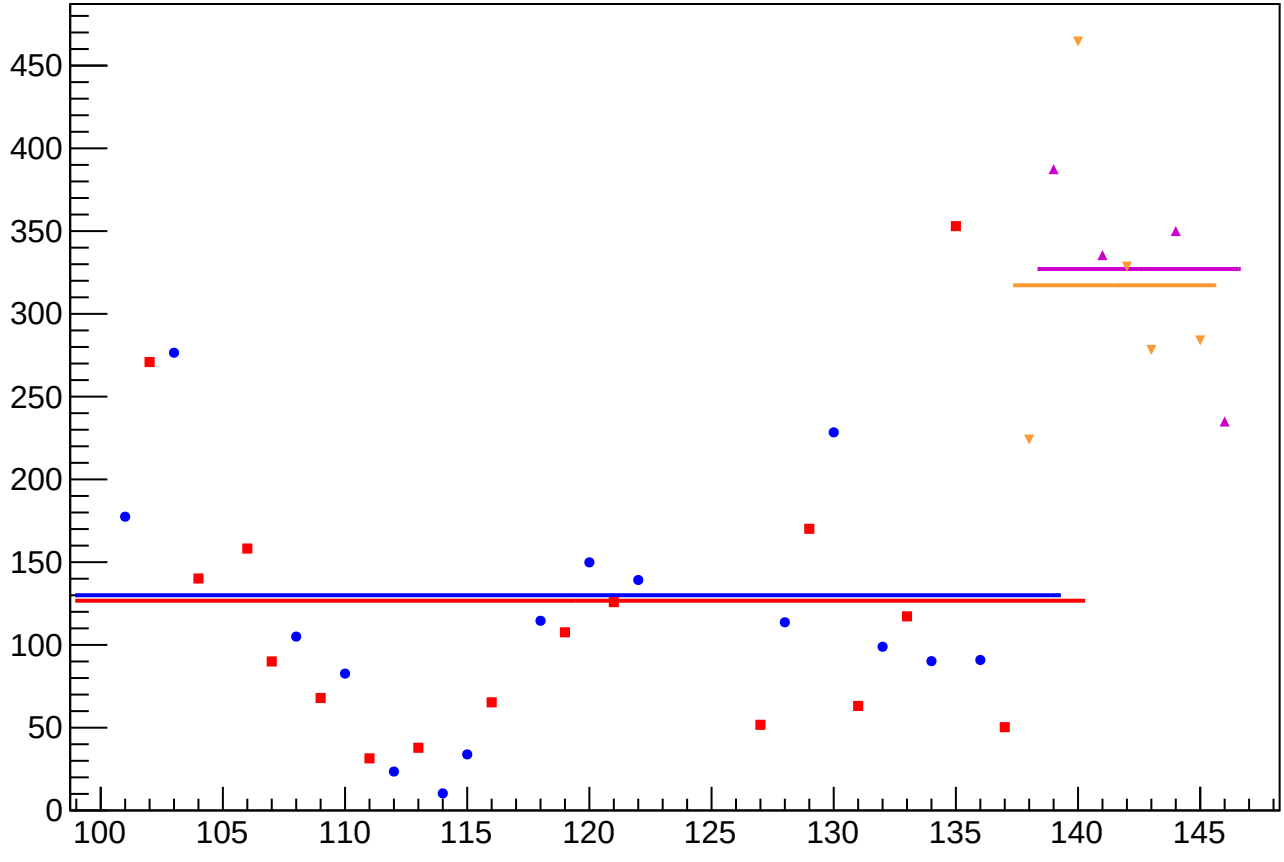
Left In: 13990.367+/-0.000 χ^2/NDF:9981481908252529126623282507370882662 4.0/3

+ sign 9601.528+/-0.000 χ^2/NDF: 1444202254974 4

All: 9499.348+/-0.000 χ^2/NDF: 3538320920 2

- sign 9397.370+/-0.000 χ^2/NDF: 2092026301811 2

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Left Out: 317.273+/-0.000 χ^2/NDF:2653113085358782322320525270227877888.0/4

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

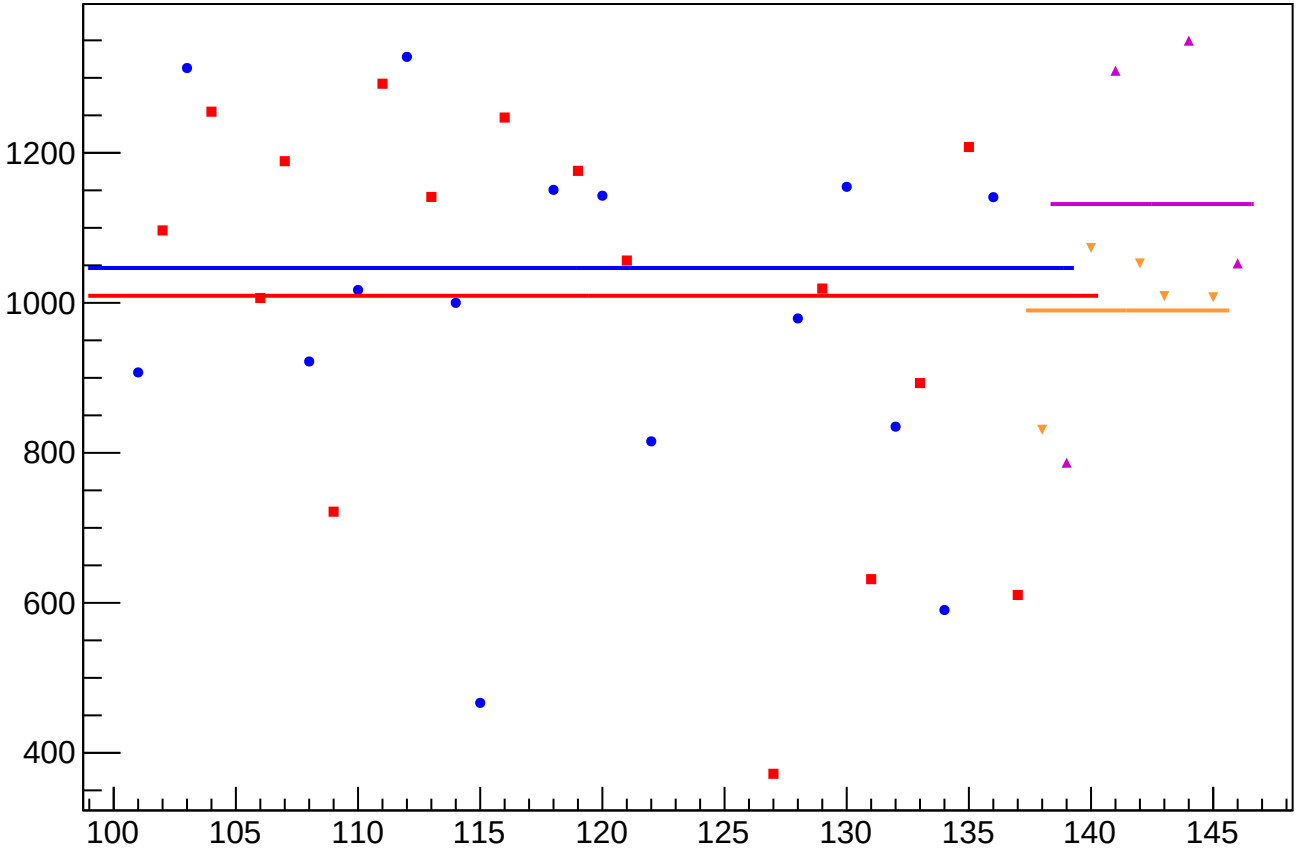
Left In: 327.097+/-0.000 χ^2/NDF:1051855985123974069372214167098884096.0/3

+ sign 196.110+/-0.000 χ^2/NDF: 137999893416048

All: 195.105+/-0.000 χ^2/NDF: 29258862154

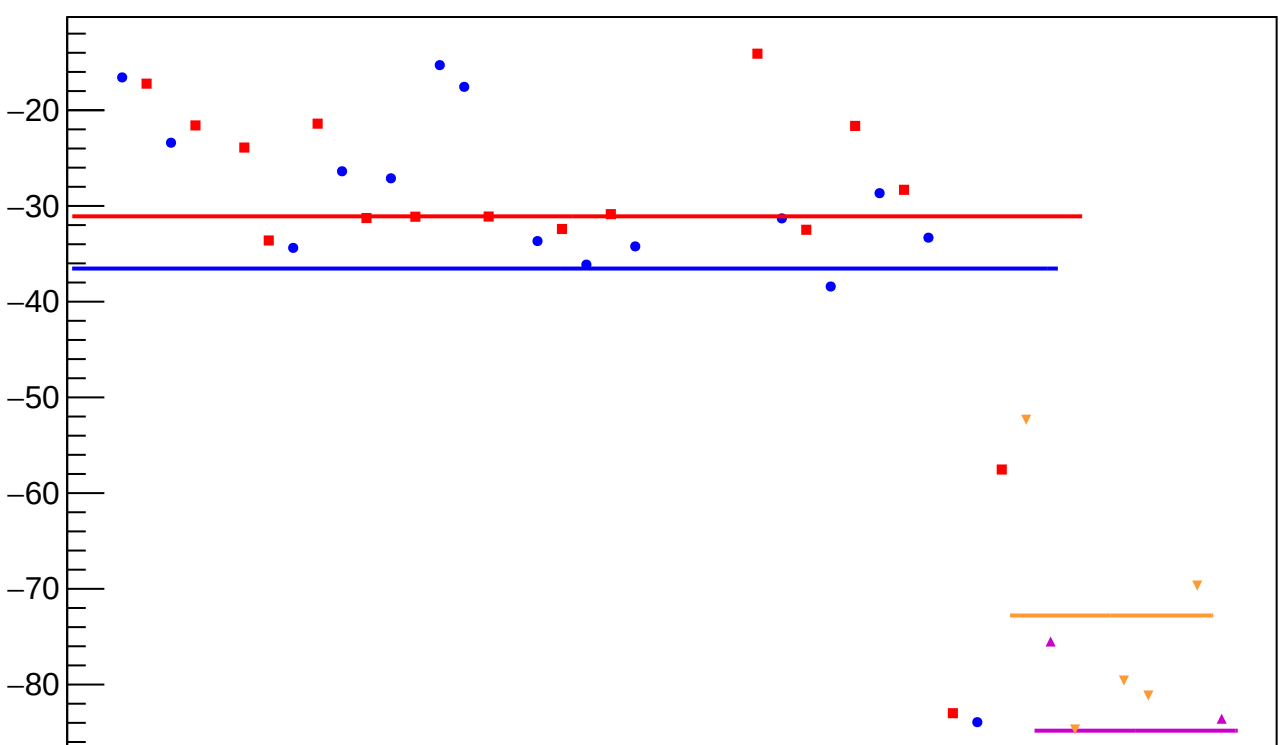
- sign 194.103+/-0.000 χ^2/NDF: 154568513932994

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1026.510+/-0.000 χ^2/NDF: 28374198039743
Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4
All: 1038.552+/-0.000 χ^2/NDF: 9368360167 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.569+/-0.000 χ^2/NDF: 65018836109581
Left In: 1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

+ sign -49.333+/-0.000 χ^2/NDF: 607144179511808

Left Out: -72.787+/-0.000 χ^2/NDF:5184390708997106974210030119052902 4.0/4

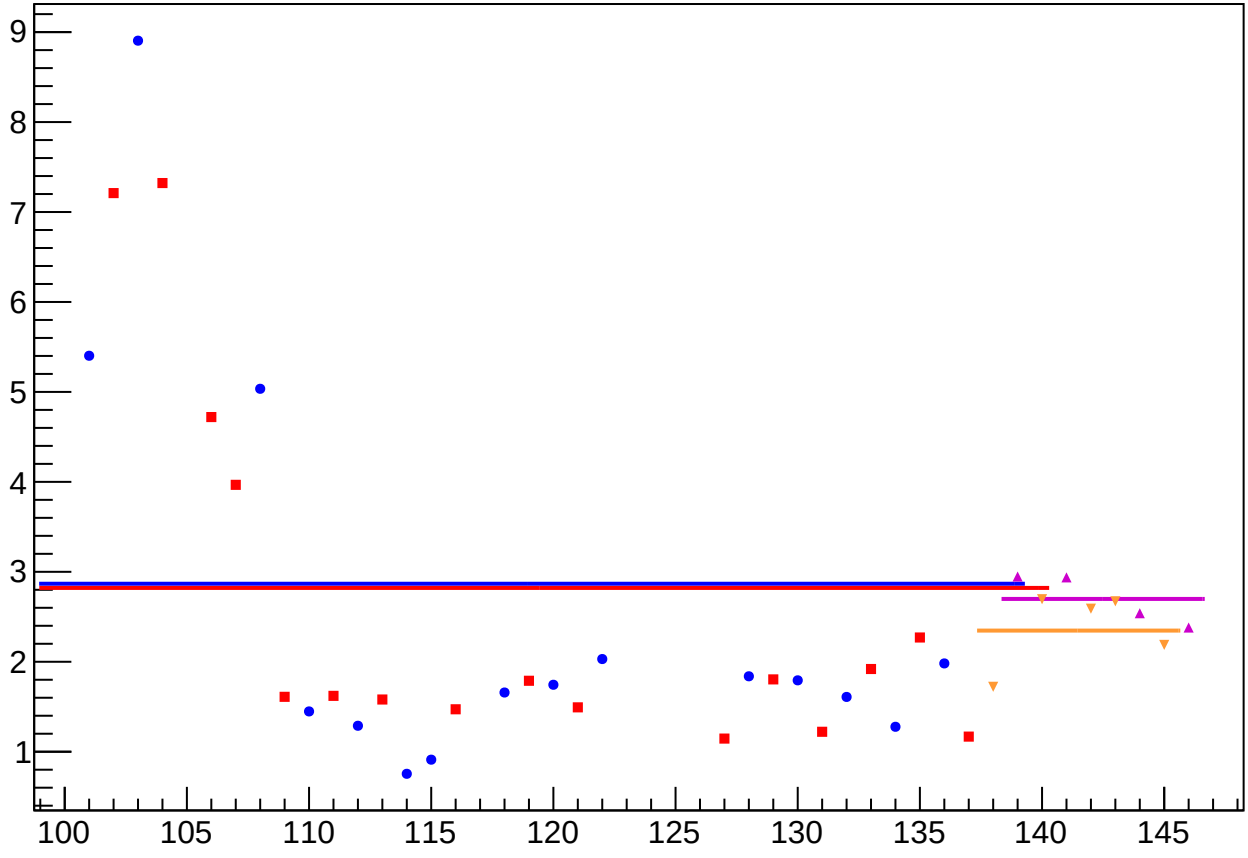
All: -49.245+/-0.000 χ^2/NDF: 14476603688 3

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

- sign -49.156+/-0.000 χ^2/NDF: 8405005349401605

Left In: -84.818+/-0.000 χ^2/NDF:1154702221171046225927688530008473 6.0/3

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.347+/-0.000 χ^2/NDF:5230524312981575777422127451340 8.0/4

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

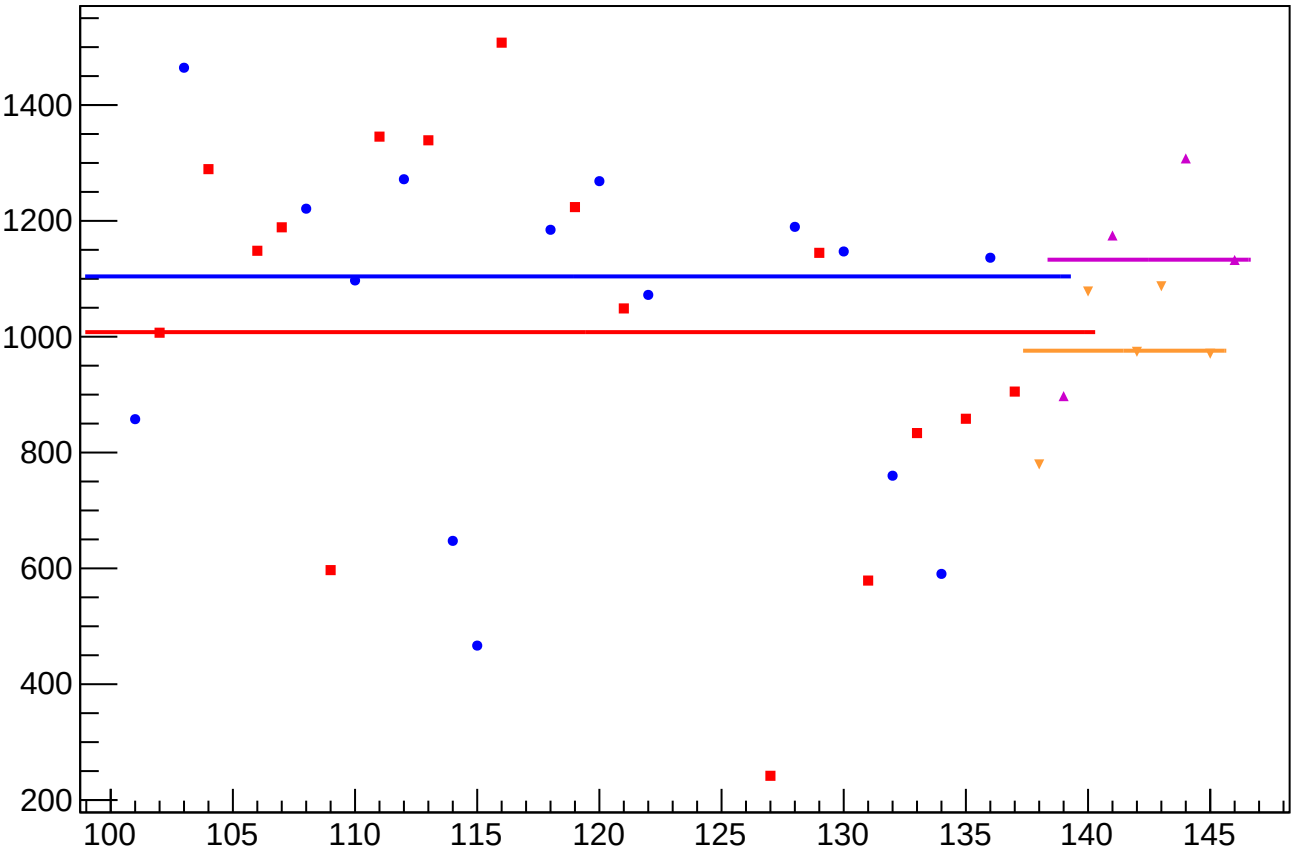
Left In: 2.699+/-0.000 χ^2/NDF:2054238475907381633617271717888 0.0/3

+ sign 2.684+/-0.000 χ^2/NDF: 3569918258075010 2

All: 2.732+/-0.000 χ^2/NDF: 6651415068894 8

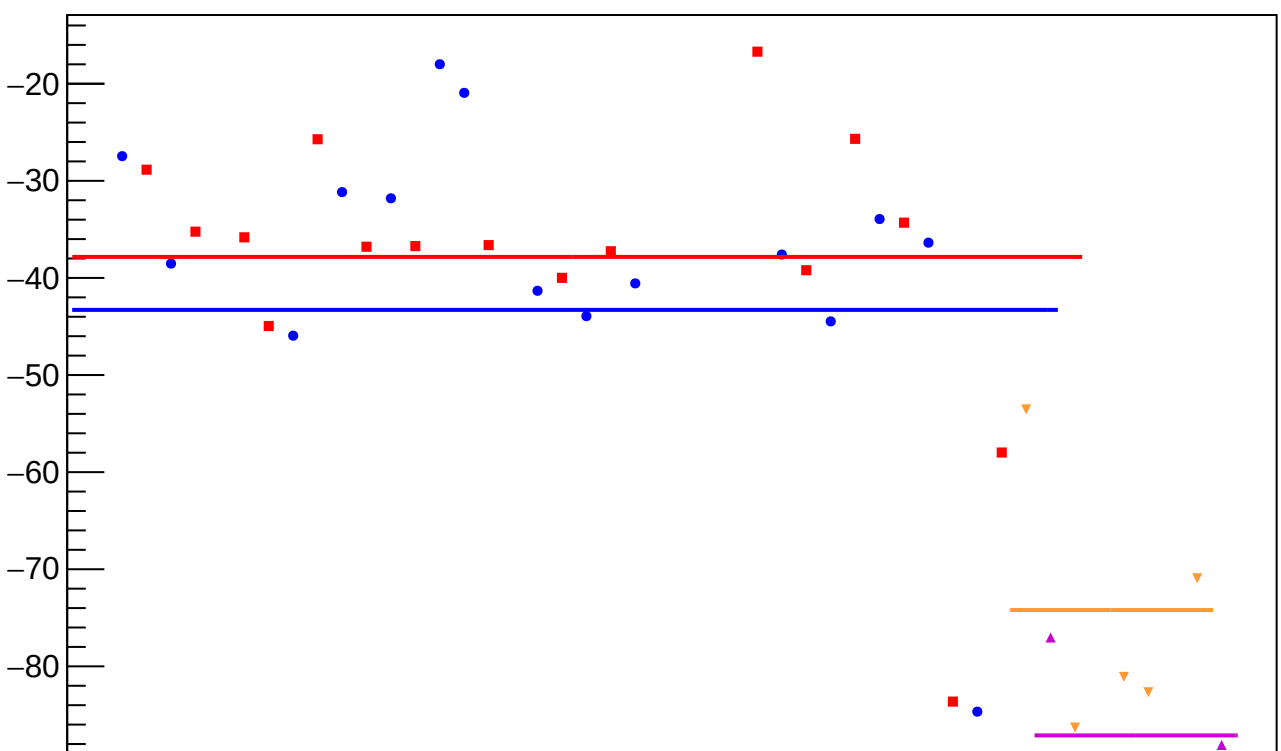
- sign 2.780+/-0.000 χ^2/NDF: 3076851750045540 4

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
Left In: 1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

+ sign -54.200+/-0.000 χ^2/NDF: 471400601681924

Left Out: -74.202+/-0.000 χ^2/NDF:531669323179932613315592316319170 56.0/4

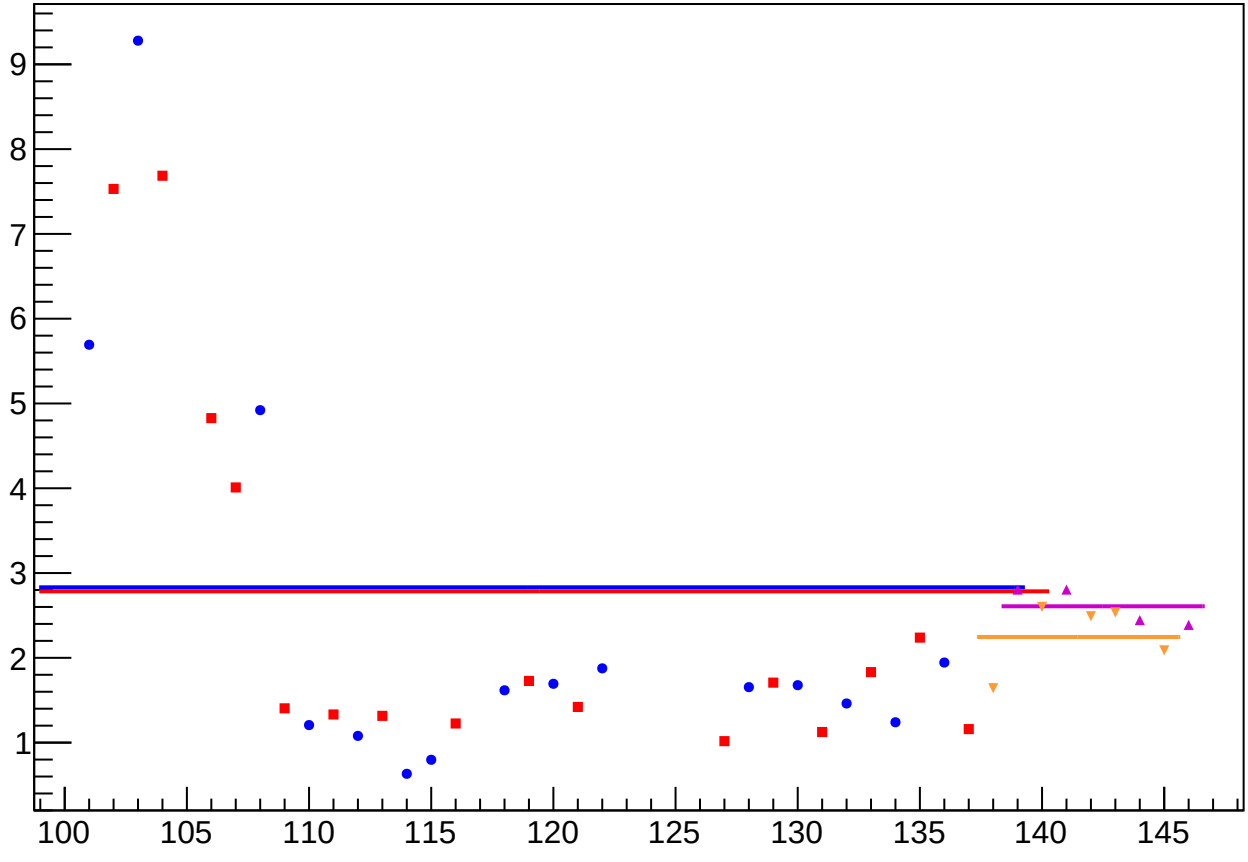
All: -54.303+/-0.000 χ^2/NDF: 117648363212

Right Out: -37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

- sign -54.407+/-0.000 χ^2/NDF: 7050615737994194

Left In: -87.114+/-0.000 χ^2/NDF:115644170052363714202617859727687 68.0/3

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Left Out: 2.246+/-0.000 χ^2/NDF:49201205490996000629308467970048.0/4

Right Out: 2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

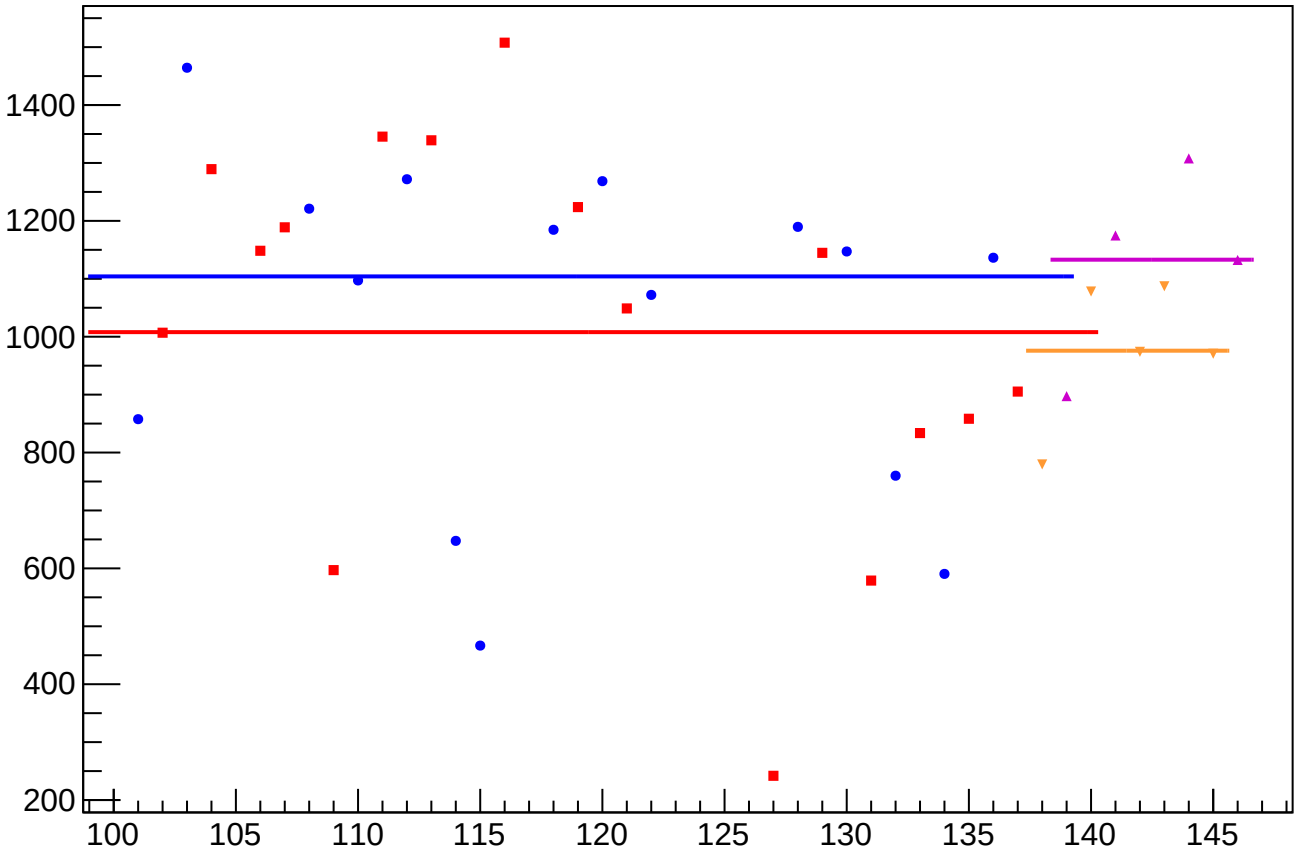
Left In: 2.608+/-0.000 χ^2/NDF:12783658125096185640405543419904.0/3

+ sign 2.625+/-0.000 χ^2/NDF: 4085594125755047 8

All: 2.675+/-0.000 χ^2/NDF: 7699909101984 6

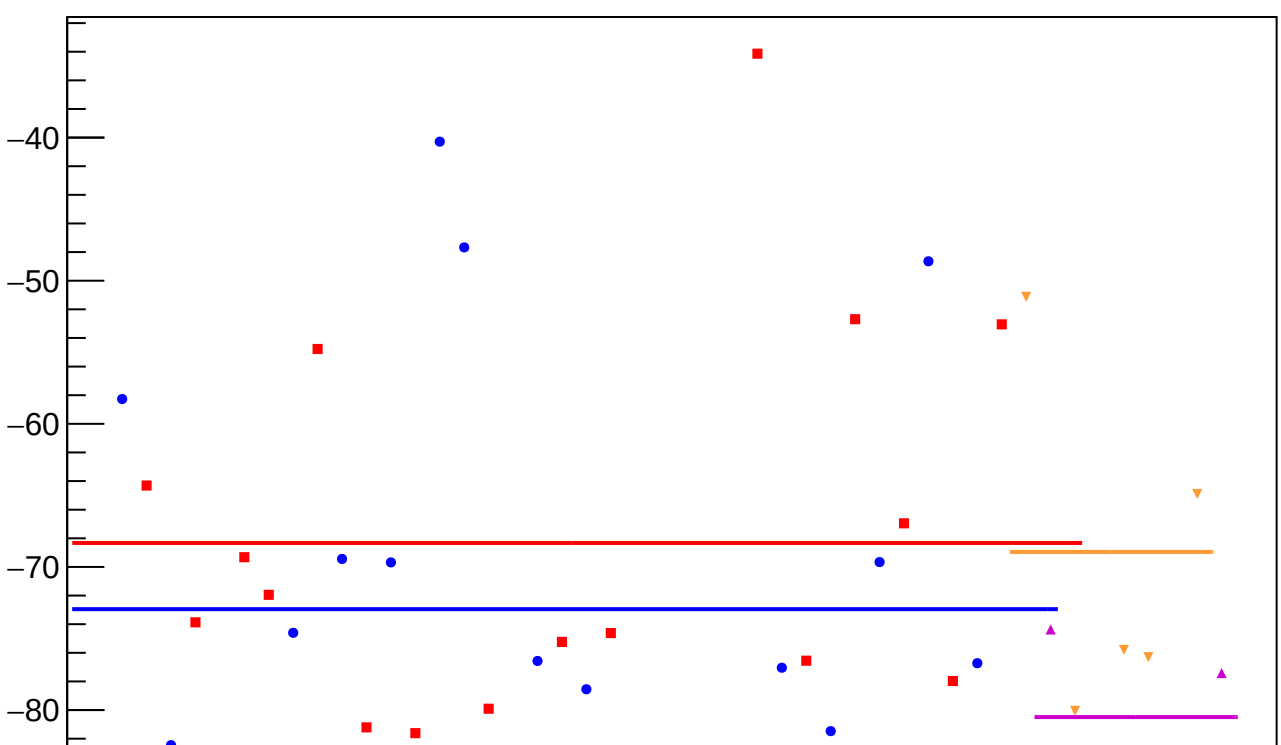
- sign 2.725+/-0.000 χ^2/NDF: 36092935458235200

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14

+ sign -71.538+/-0.000 χ^2/NDF: 111413634627092

Left Out: -68.951+/-0.000 χ^2/NDF:41996169400094296753471279543091200.0/4

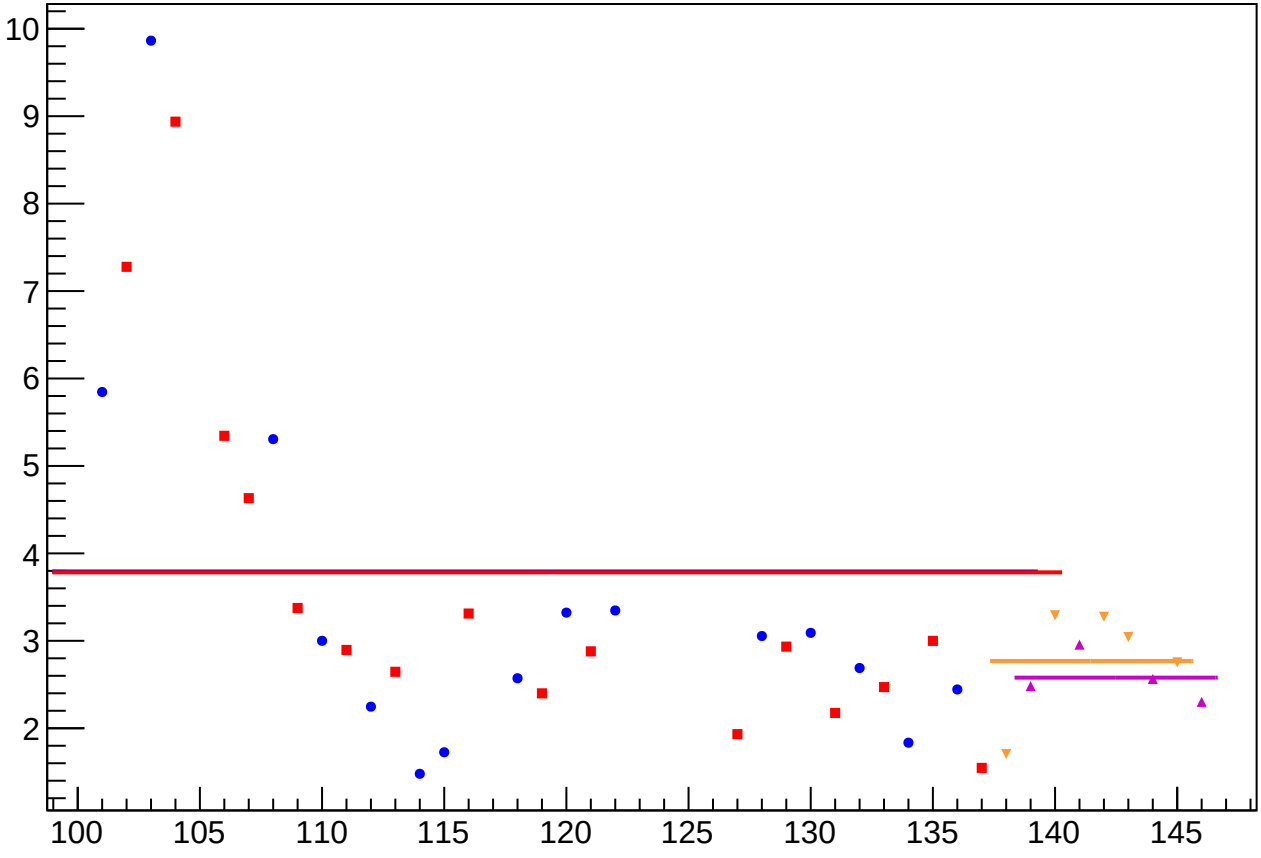
All: -71.977+/-0.000 χ^2/NDF: 258827448153

Right Out: -68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

- sign -72.416+/-0.000 χ^2/NDF: 1470269446372546

Left In: -80.491+/-0.000 χ^2/NDF:7123821578661689894199711441616896.0/3

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

+ sign 3.432+/-0.000 χ^2/NDF: 3572664104827143 3

Left Out: 2.770+/-0.000 χ^2/NDF:1275523829163442691972382284840 96.0/4

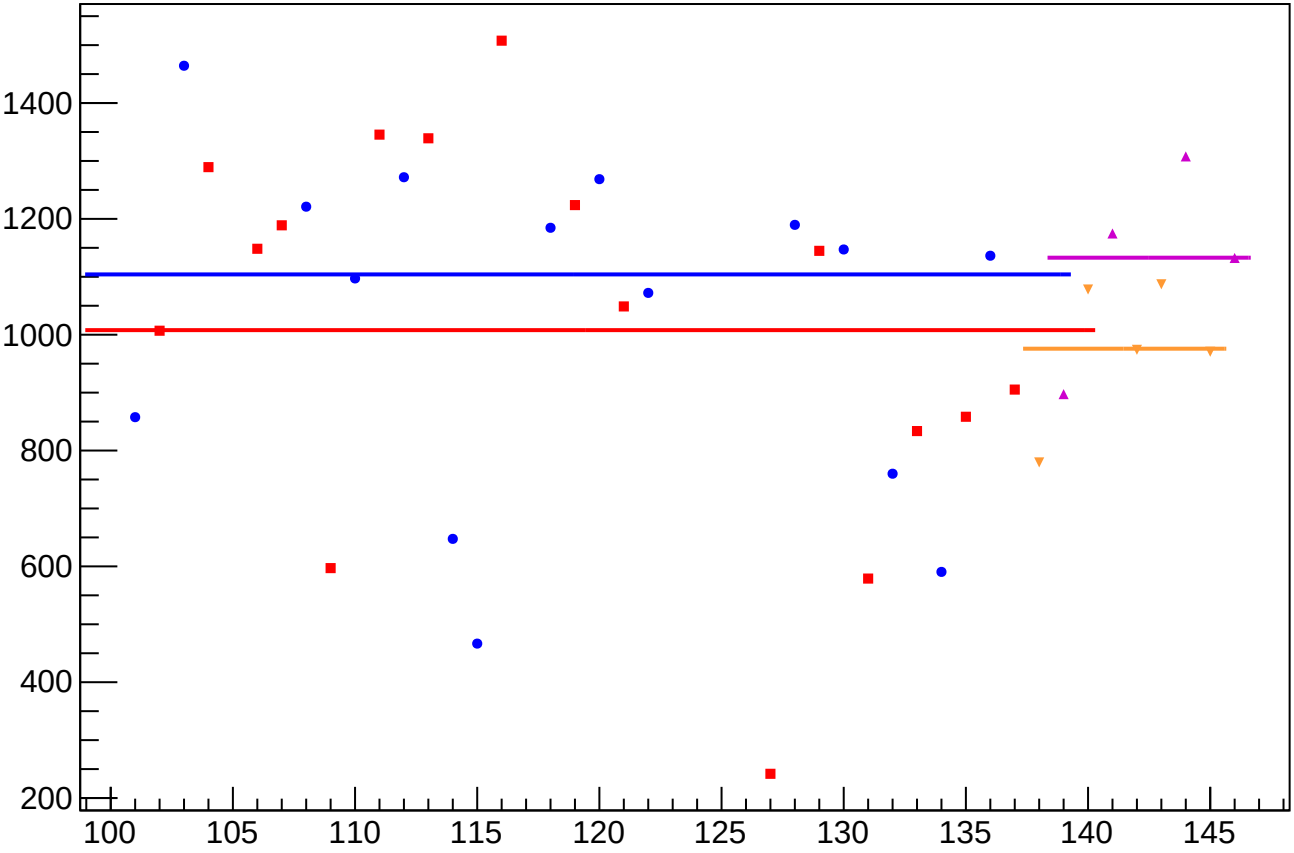
All: 3.405+/-0.000 χ^2/NDF: 6797318697410 8

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

- sign 3.378+/-0.000 χ^2/NDF: 3223210464642399 0

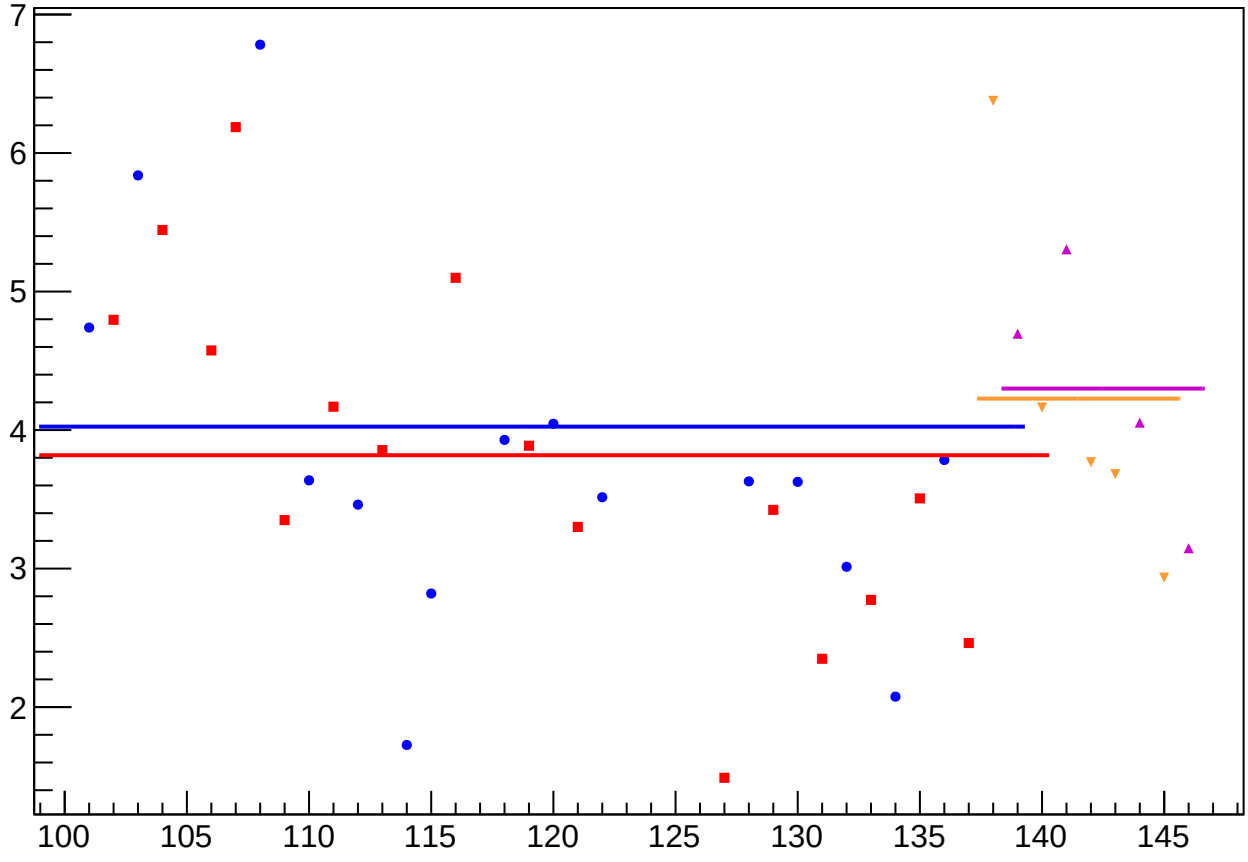
Left In: 2.579+/-0.000 χ^2/NDF:1926252108279536000691189527 3472.0/3

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

+ sign 4.096+/-0.000 χ^2/NDF: 1303999877650704

Left Out: 4.227+/-0.000 χ^2/NDF:525618472051078932073914692534272.0/4

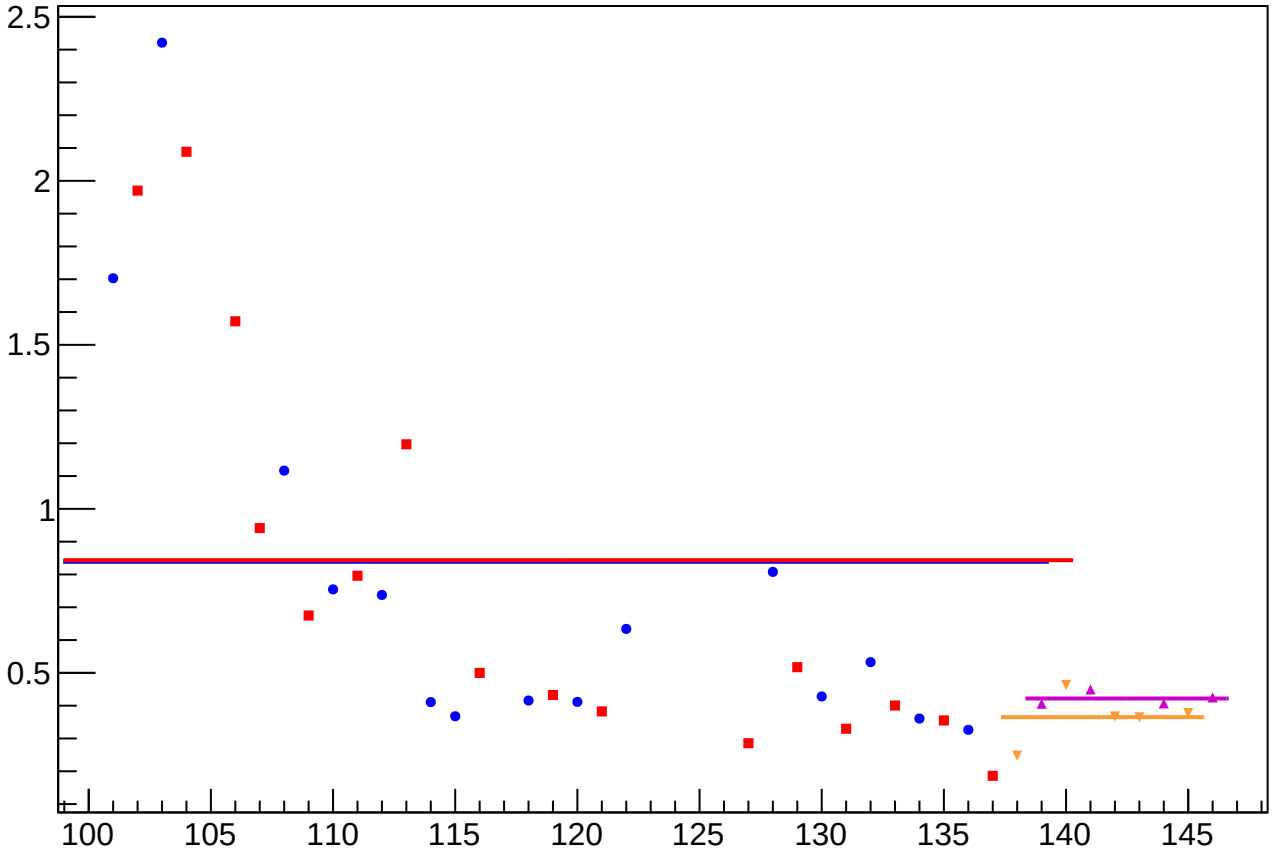
All: 4.038+/-0.000 χ^2/NDF: 2465176223686

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

- sign 3.980+/-0.000 χ^2/NDF: 11544307848992866

Left In: 4.300+/-0.000 χ^2/NDF:2142729793524936351182452319846 40.0/3

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.365+/-0.000 χ^2/NDF:1876707353227686427595280220160.0/4

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

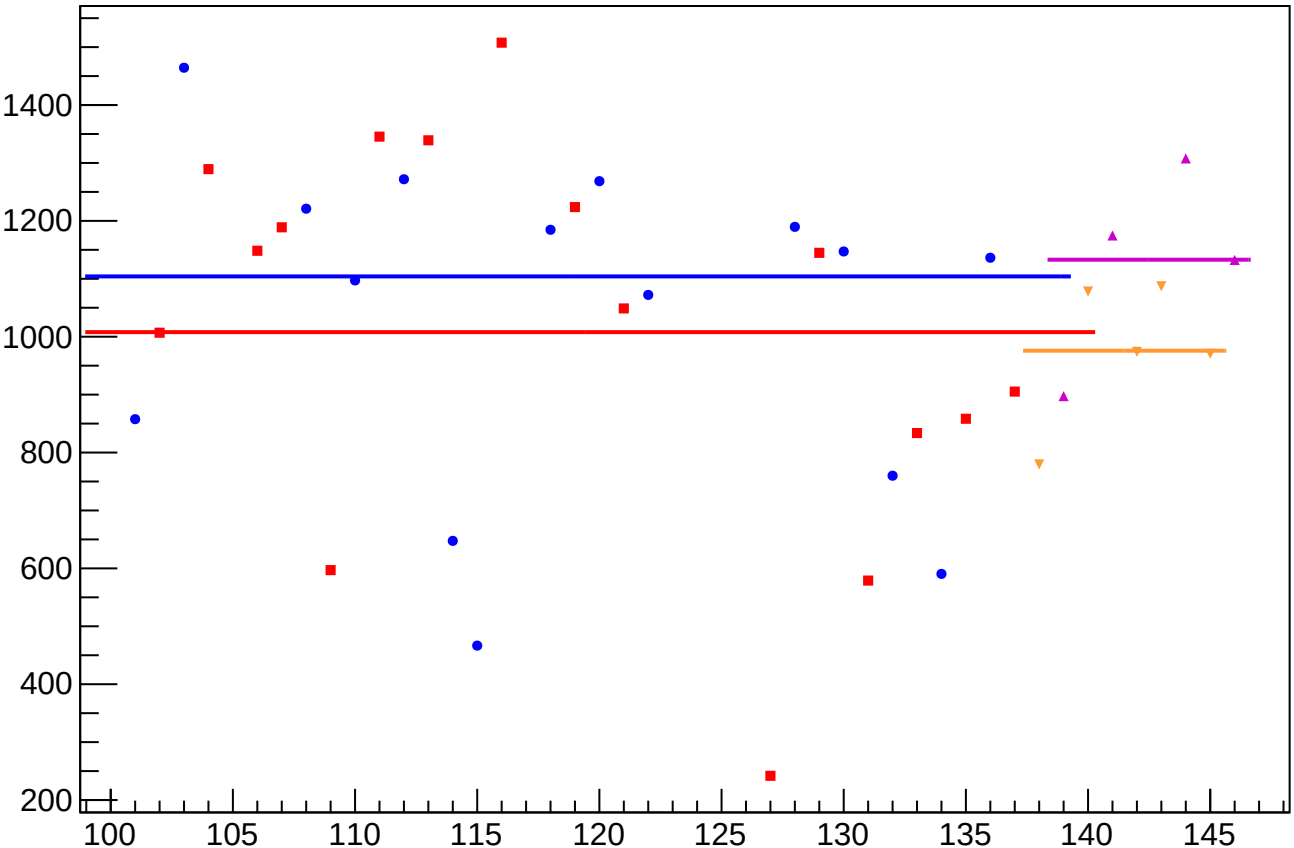
Left In: 0.422+/-0.000 χ^2/NDF:1062098506880976662869301002 24.0/3

+ sign 0.672+/-0.000 χ^2/NDF: 3116700085585393 2

All: 0.687+/-0.000 χ^2/NDF: 605037477221 01

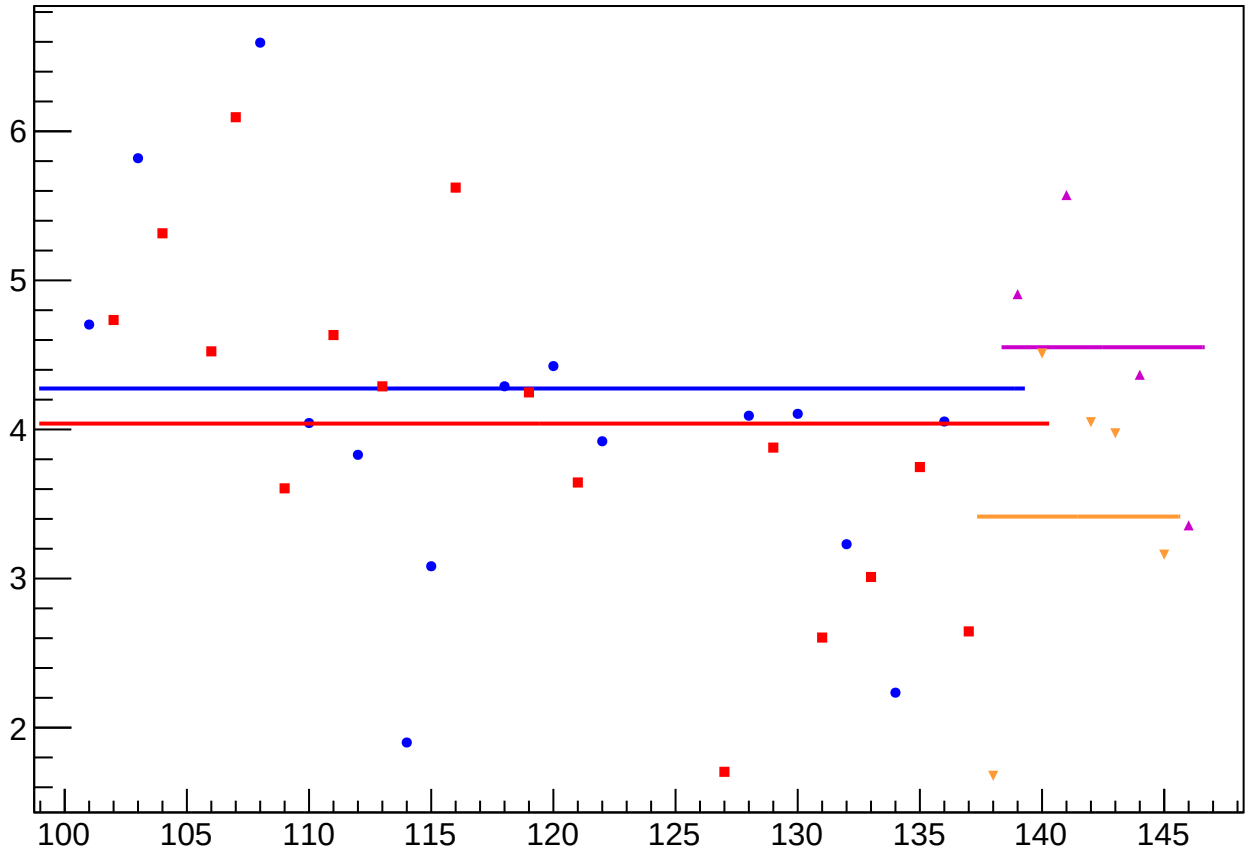
- sign 0.702+/-0.000 χ^2/NDF: 2929105580859708 1

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

+ sign 3.972+/-0.000 χ^2/NDF: 1144872525506322 0

Left Out: 3.416+/-0.000 χ^2/NDF:37860774183181141984569514891673 6.0/4

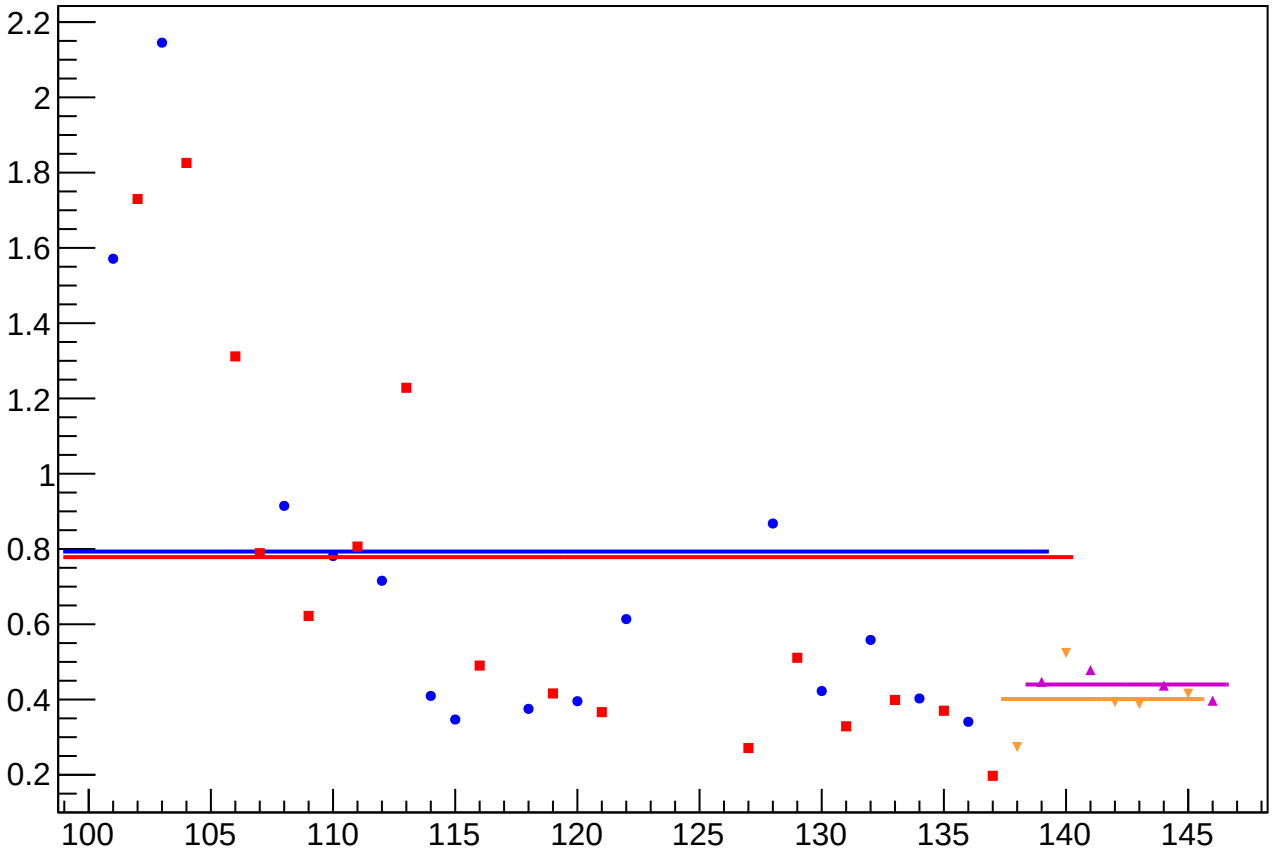
All: 4.092+/-0.000 χ^2/NDF: 2225368597729 2

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

- sign 4.212+/-0.000 χ^2/NDF: 1051544578929551 6

Left In: 4.552+/-0.000 χ^2/NDF:2203379433090288835848077511229 44.0/3

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF: 1955087771735894834403147000053 76.0/14

+ sign 0.655+/-0.000 χ^2/NDF: 2332311685394204 6

Left Out: 0.401+/-0.000 χ^2/NDF:2530885255191766681155708911616.0/4

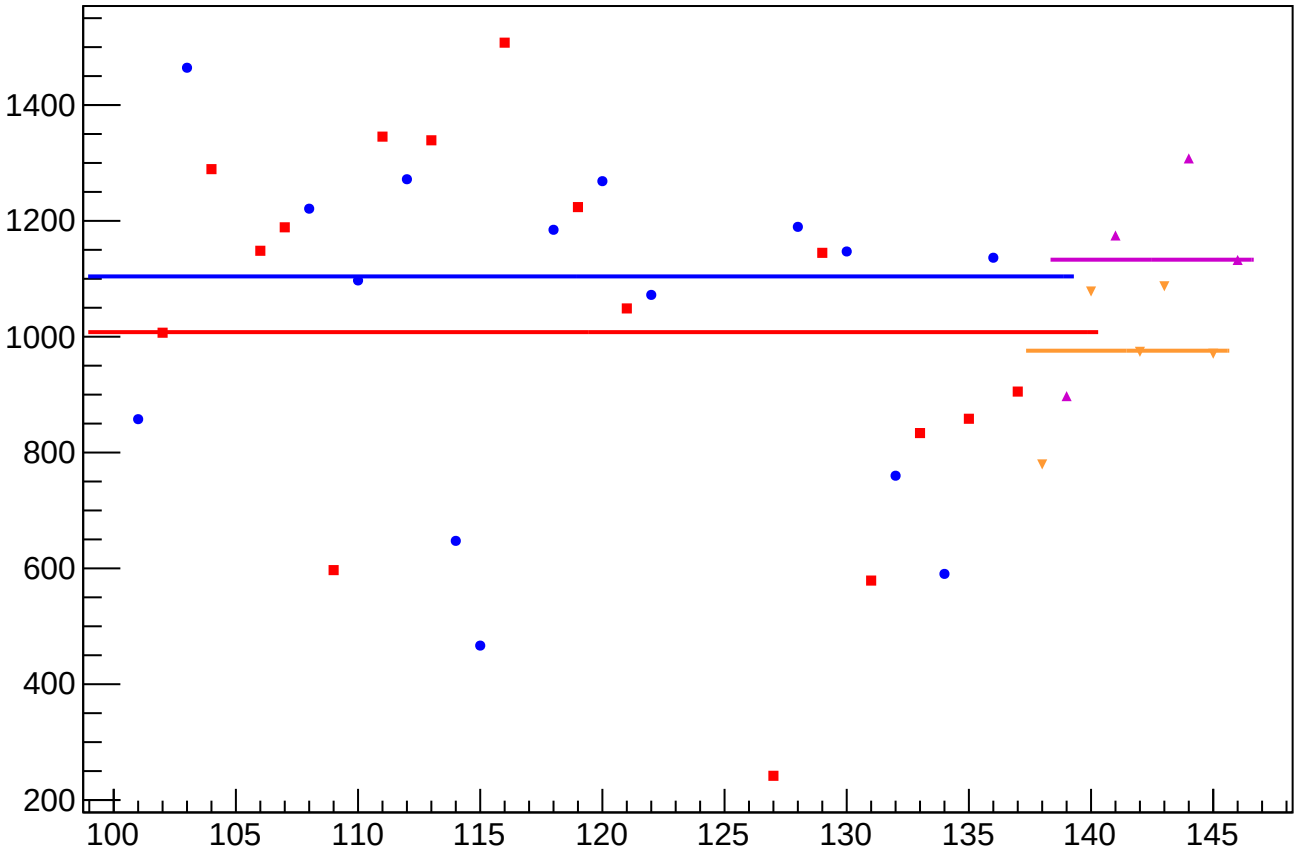
All: 0.660+/-0.000 χ^2/NDF: 4450710225368 9

Right Out: 0.778+/-0.000 χ^2/NDF: 1858146357721833060639036900638 72.0/15

- sign 0.665+/-0.000 χ^2/NDF: 2117924585281404 4

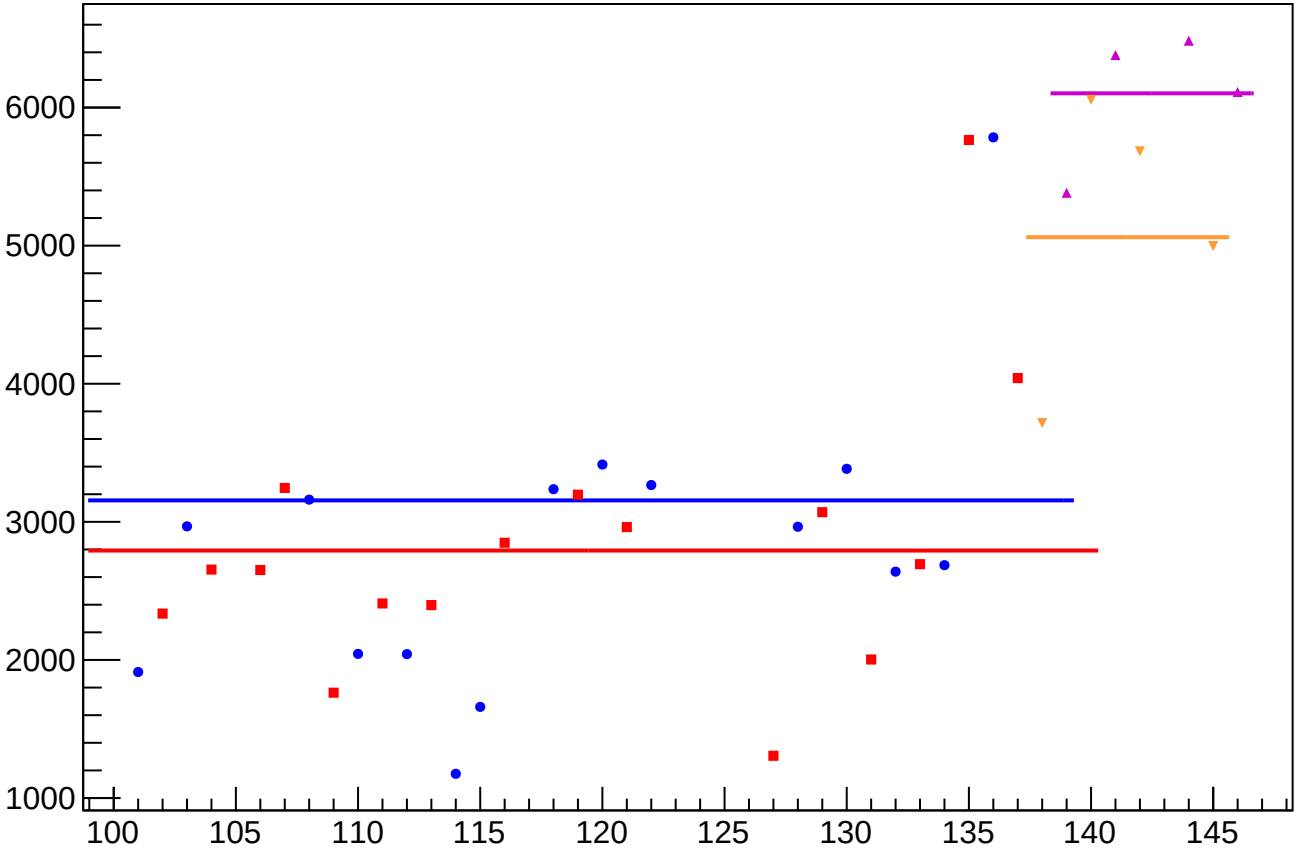
Left In: 0.440+/-0.000 χ^2/NDF:2831293049653830992589771243 52.0/3

dit_4eY_coil3_Ndata_mean vs Slug



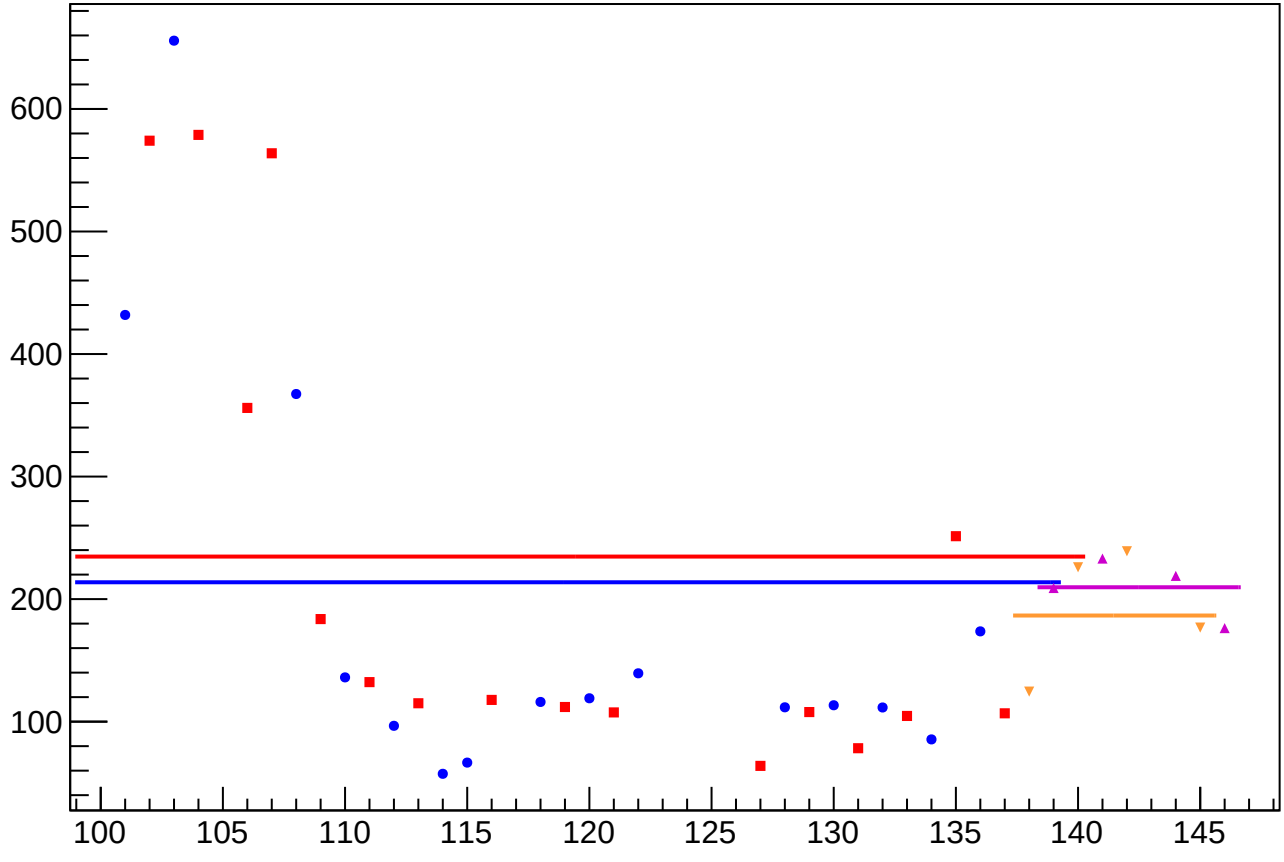
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14
+ sign 3739.783+/-0.000 χ^2/NDF: 18668482142194
Left Out: 5061.186+/-0.000 χ^2/NDF:2405555007180636984155544361700362813 44.0/3
All: 3825.704+/-0.000 χ^2/NDF: 5075223346 4
Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15
- sign 3905.725+/-0.000 χ^2/NDF: 31950297732696
Left In: 6103.037+/-0.000 χ^2/NDF:6149810702460145335005943353724370 9440.0/3

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Left Out: 186.604+/-0.000 χ^2/NDF:562219496211563189622396144228237312.0/3

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

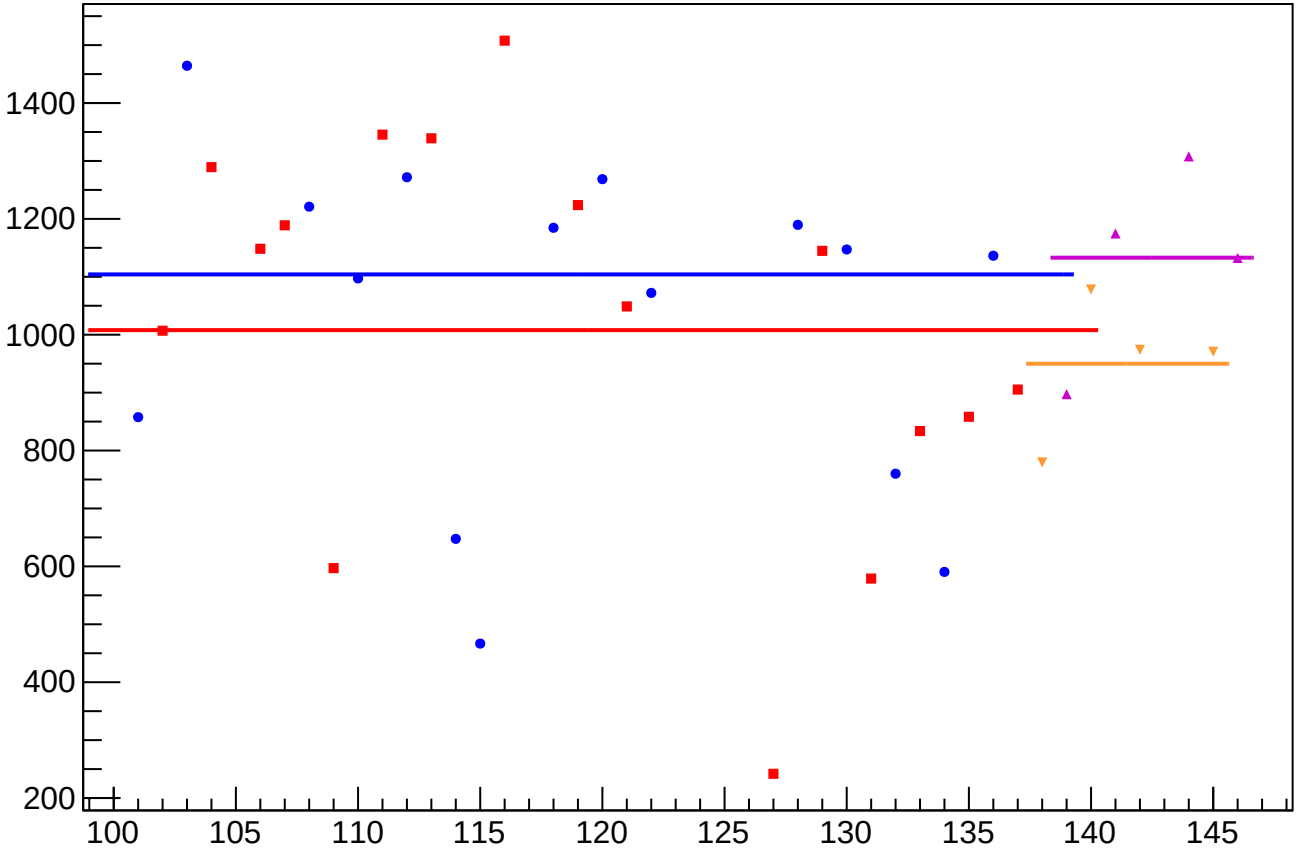
Left In: 209.675+/-0.000 χ^2/NDF:146567612533743304687809933409779712.0/3

+ sign 205.419+/-0.000 χ^2/NDF: 204268810183367

All: 216.226+/-0.000 χ^2/NDF: 44938354831 6

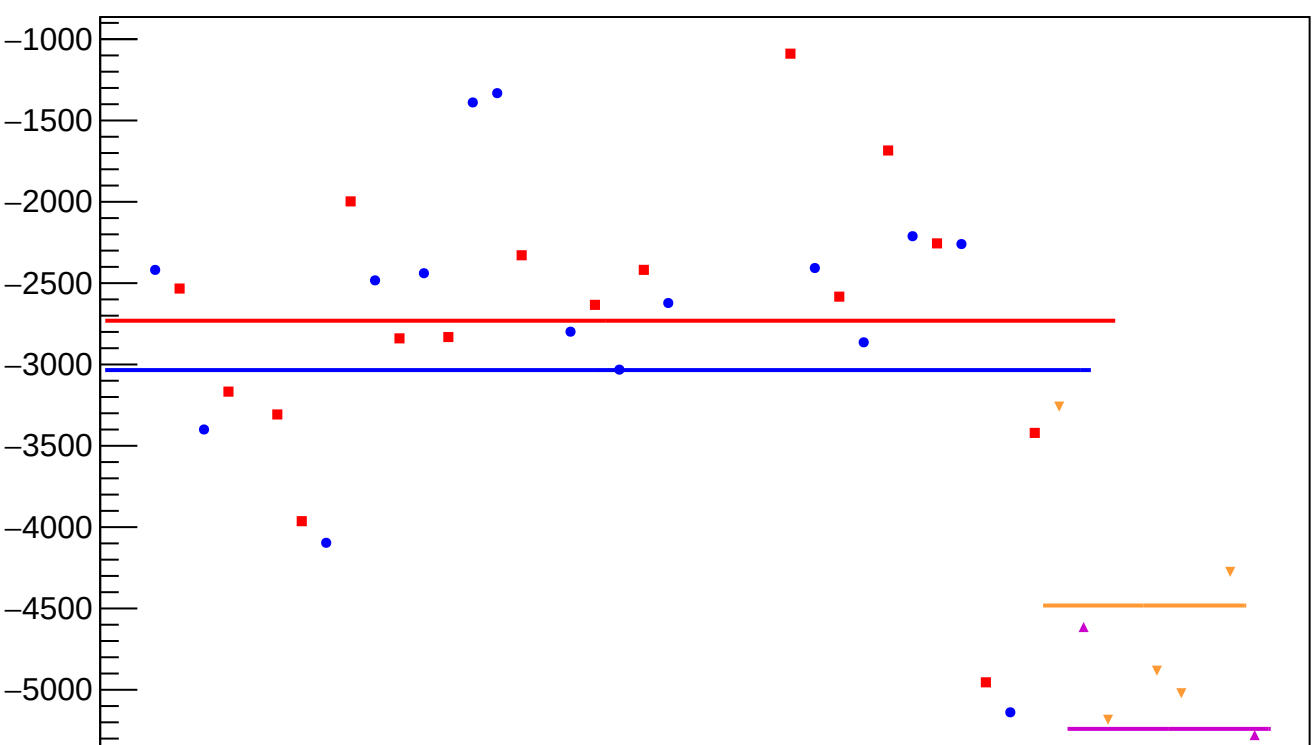
- sign 226.292+/-0.000 χ^2/NDF: 243003252463704

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1056.822+/-0.000 χ^2/NDF: 41144098110694
Left Out: 949.885+/-0.000 χ^2/NDF:367294053294839660716696725048682086 4.0/3
All: 1053.274+/-0.000 χ^2/NDF: 1211193782 3
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 79952523638961
Left In: 1132.976+/-0.000 χ^2/NDF:736560644543287615880967371590991872 0.0/3

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14

Left Out: -4481.955+/-0.000 χ^2/NDF:1873957554970380199828741388853649080 32.0/4

Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

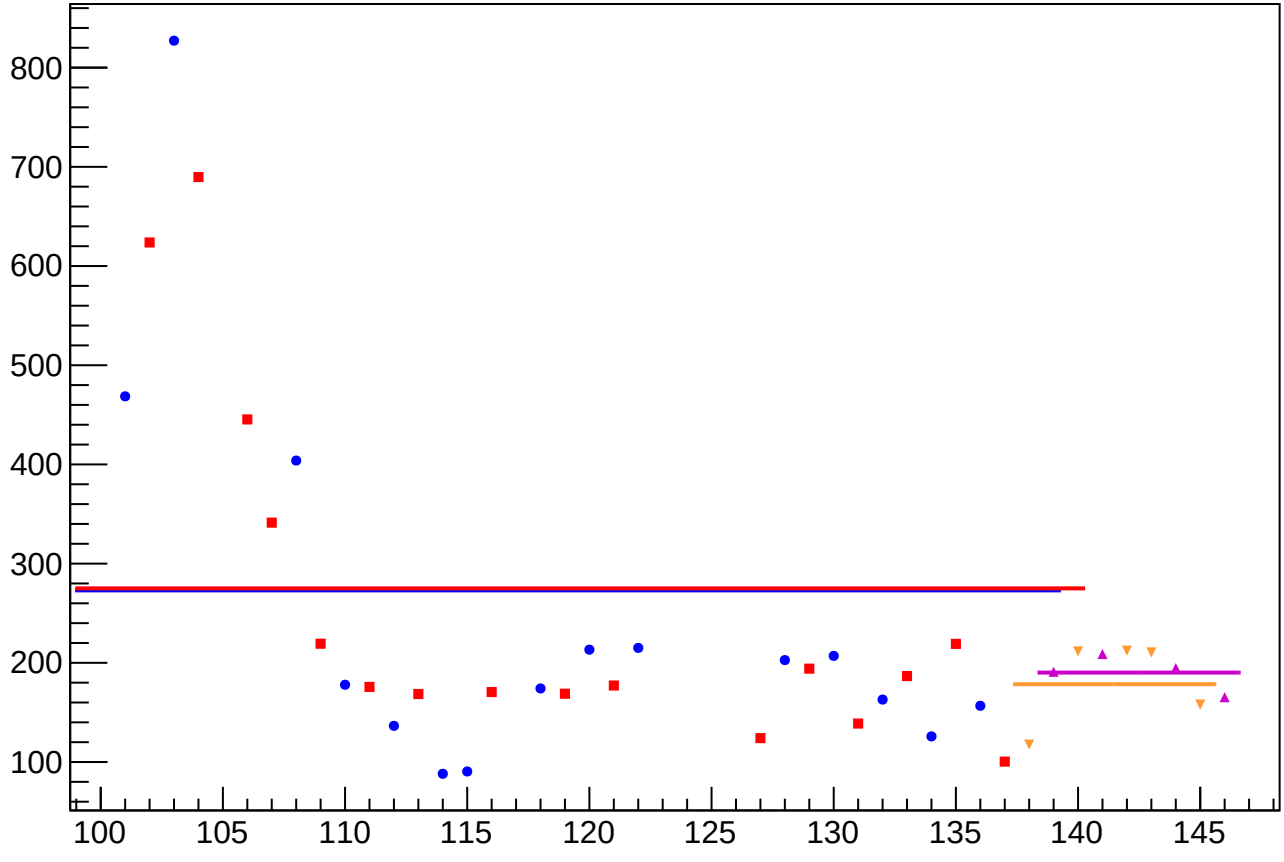
Left In: -5240.279+/-0.000 χ^2/NDF:4609978523822477118229805094213674598 4.0/3

+ sign -3545.384+/-0.000 χ^2/NDF: 1297979415757

All: -3560.177+/-0.000 χ^2/NDF: 3285224228

- sign -3574.940+/-0.000 χ^2/NDF: 19868062954518

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 178.444+/-0.000 χ^2/NDF:5339953164419321843308657937471242 24.0/4

Right Out: 275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705 0112.0/15

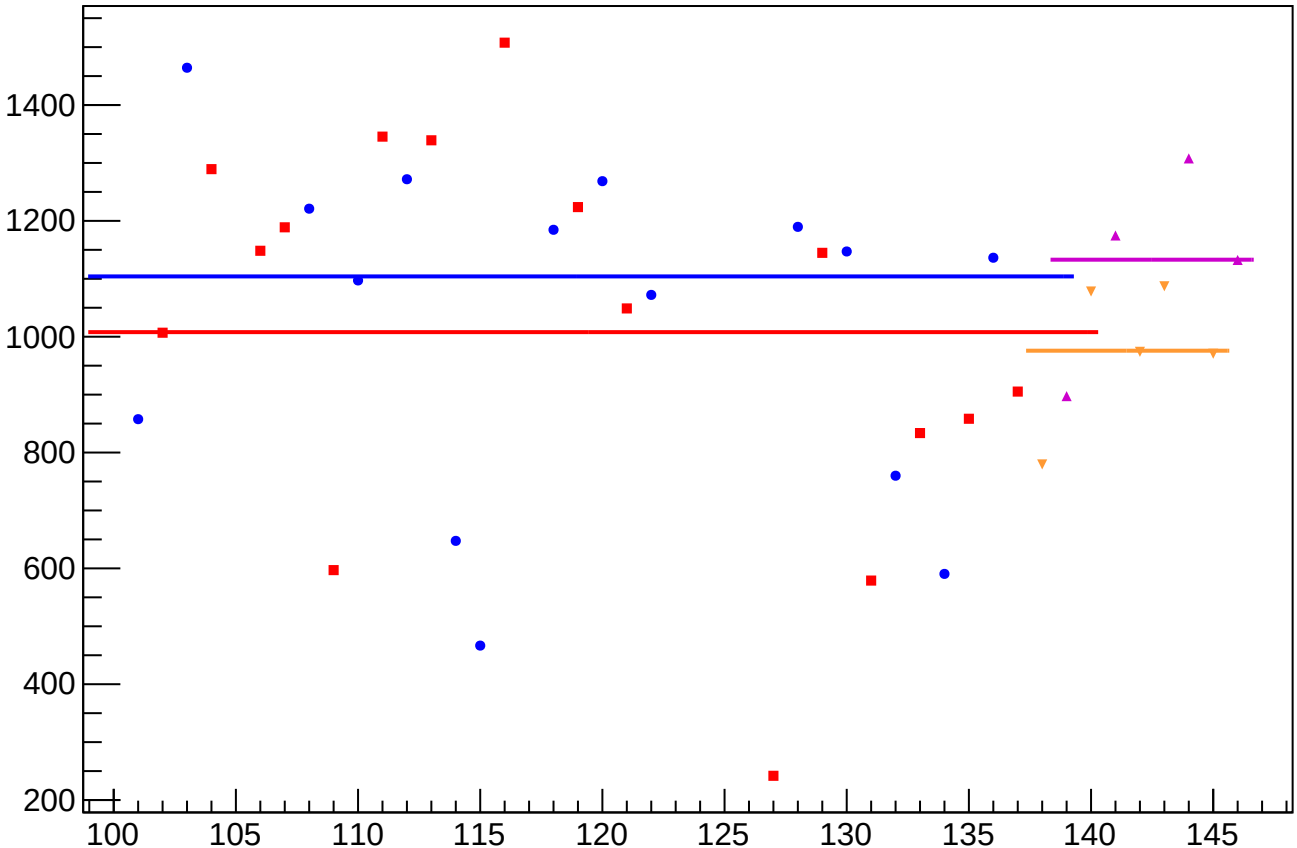
Left In: 190.154+/-0.000 χ^2/NDF:8271609016709732385604737730556723 2.0/3

+ sign 239.652+/-0.000 χ^2/NDF: 2906958768781 21

All: 243.076+/-0.000 χ^2/NDF: 5305710205 54

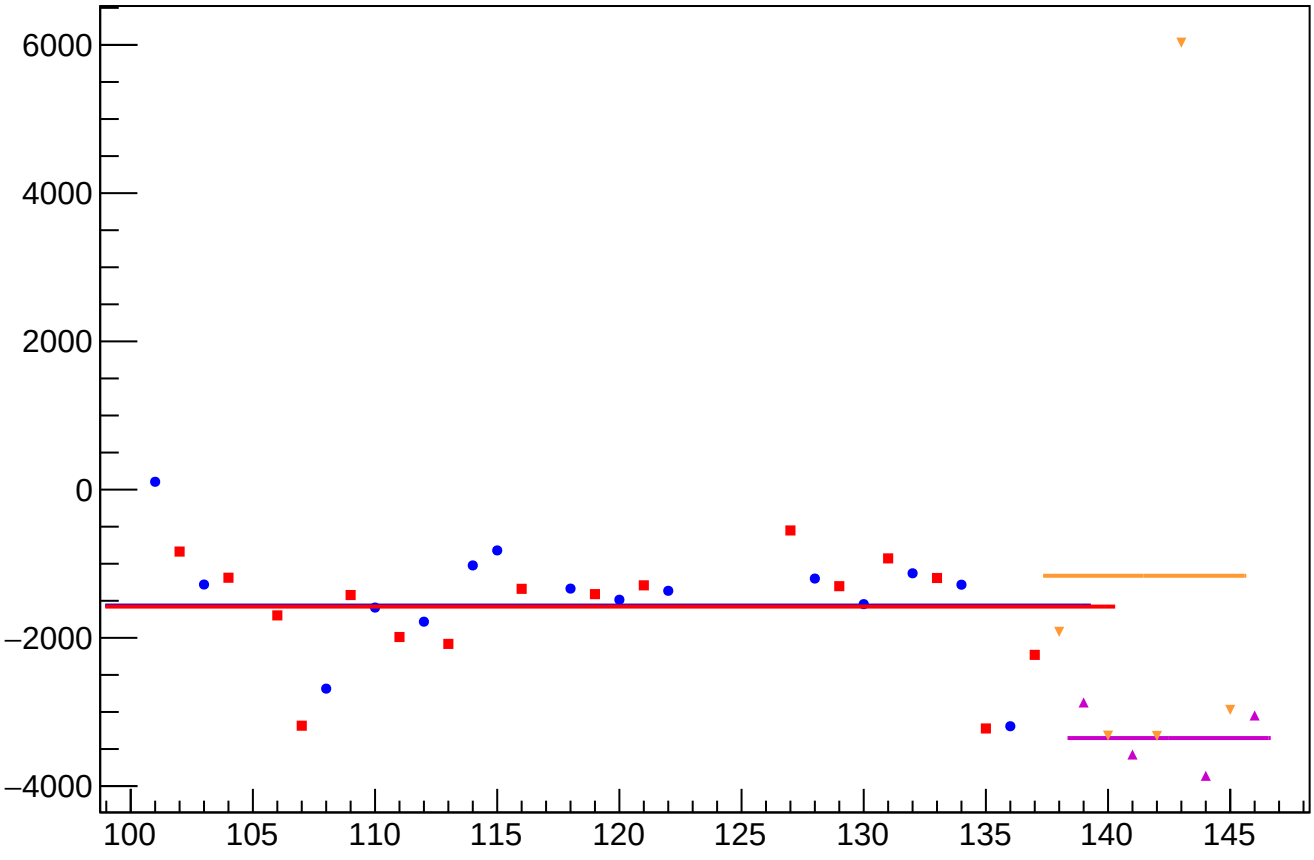
- sign 246.494+/-0.000 χ^2/NDF: 2396401836212 34

dit_usr_coil3_Ndata_mean vs Slug



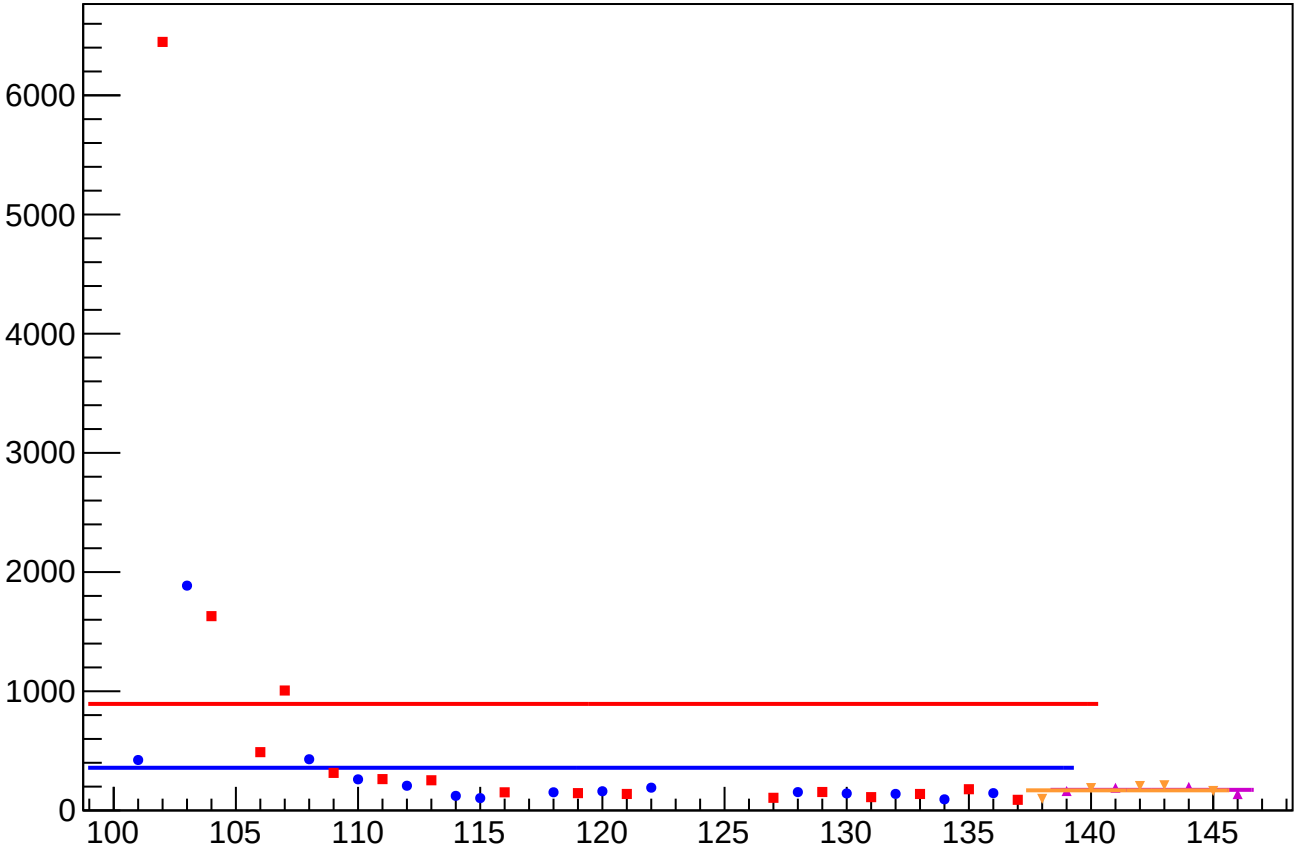
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -1422.591+/-0.000 χ^2/NDF: 4893402091957
Left Out: -1162.250+/-0.000 χ^2/NDF:4372446804700385567182062230985513107456.0/4
All: -1799.048+/-0.000 χ^2/NDF: 6305357950
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2174.756+/-0.000 χ^2/NDF: 11279485939461
Left In: -3352.026+/-0.000 χ^2/NDF:5365301816959667719682301463678156800 0.0/3

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF: 15792278914569785816564445209020281651 2.0/14

+ sign 291.295+/-0.000 χ^2/NDF: 16673700060269 3

Left Out: 168.855+/-0.000 χ^2/NDF:612492705254103471581970674825035776.0/4

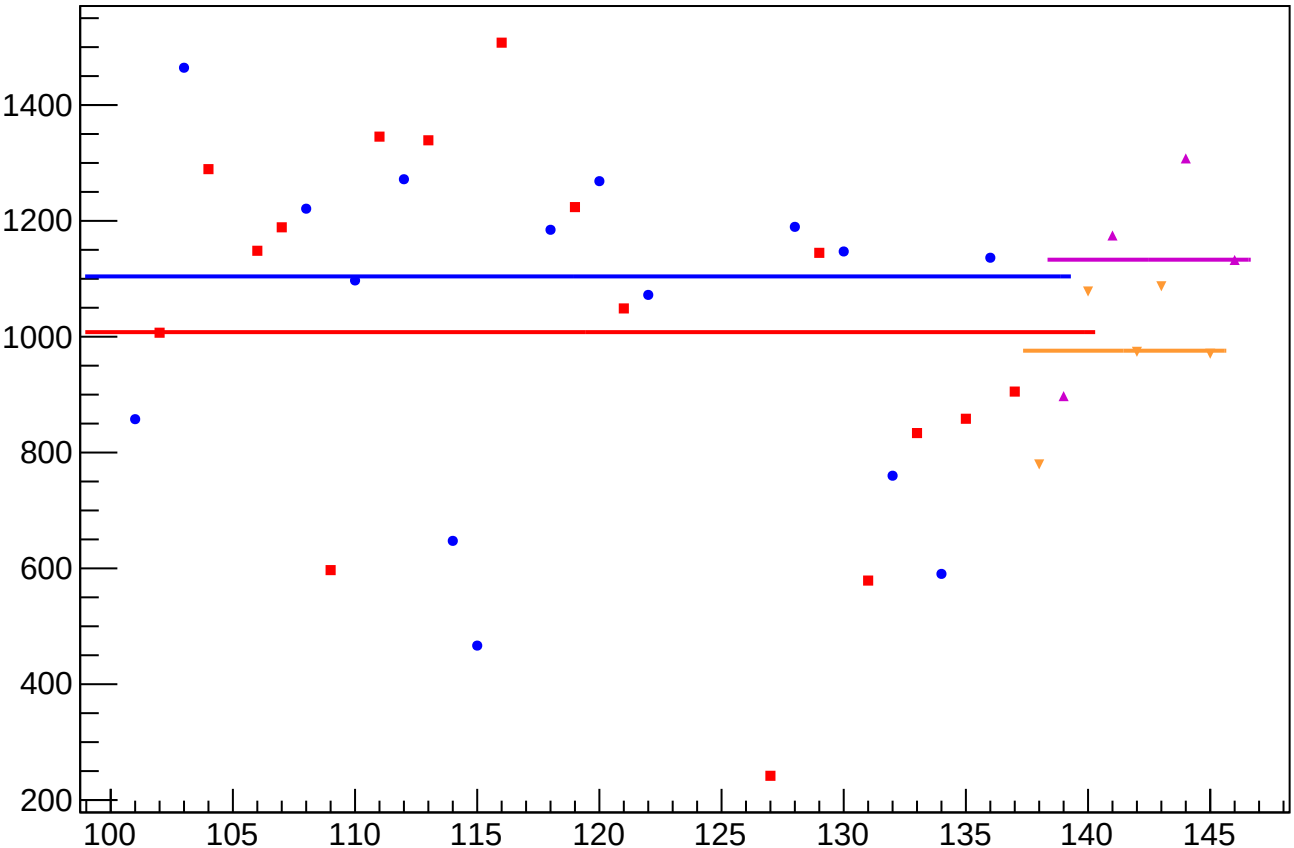
All: 471.537+/-0.000 χ^2/NDF: 2424559691 10

Right Out: 893.897+/-0.000 χ^2/NDF: 207592015577420104357269565679780390 5024.0/15

- sign 651.422+/-0.000 χ^2/NDF: 219271766852873

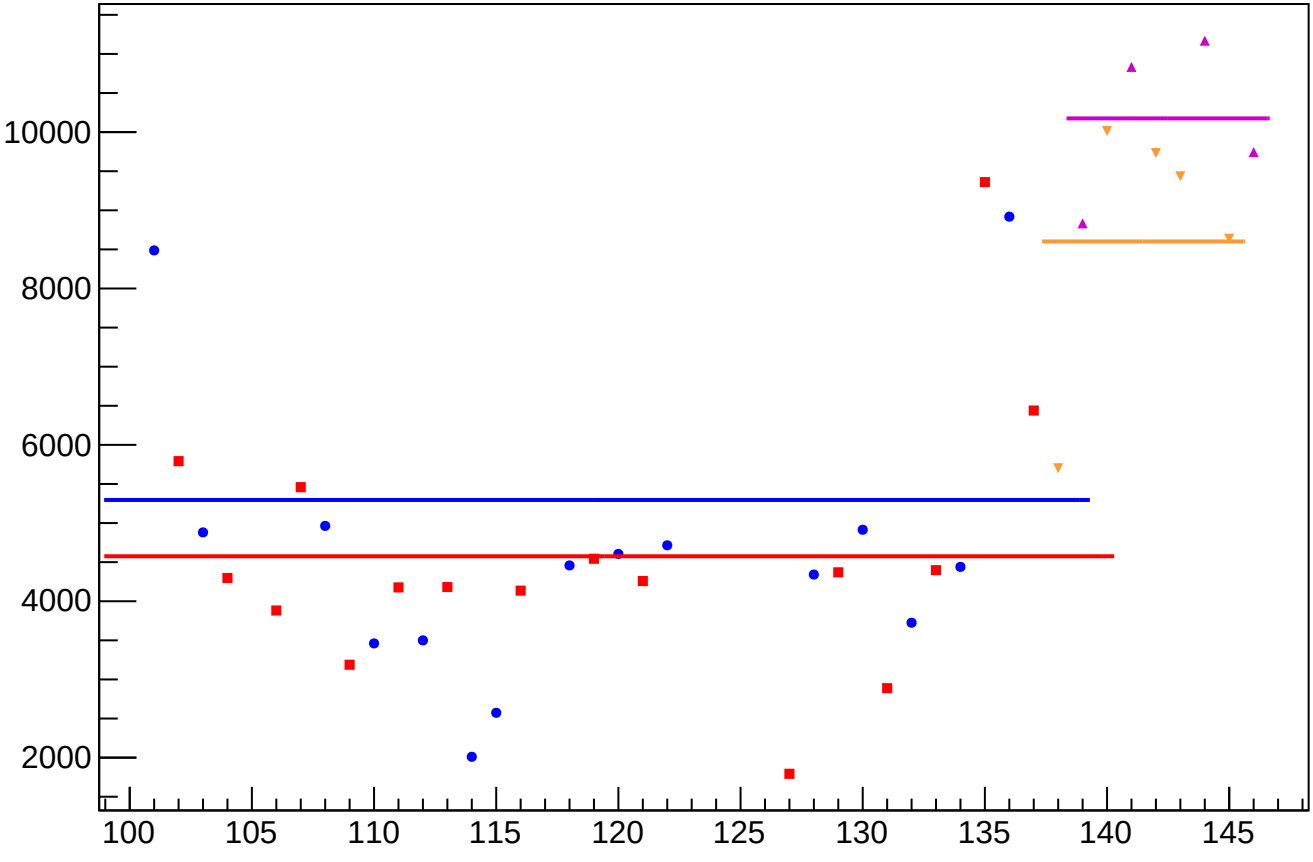
Left In: 172.927+/-0.000 χ^2/NDF:194355057766580675769528393226256384.0/3

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

+ sign 6462.356+/-0.000 χ^2/NDF: 59344961195455

Left Out: 8601.618+/-0.000 χ^2/NDF:925120105436813422451790514068754792448.0/4

All: 6460.572+/-0.000 χ^2/NDF: 1511983070 6

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691 0592.0/15

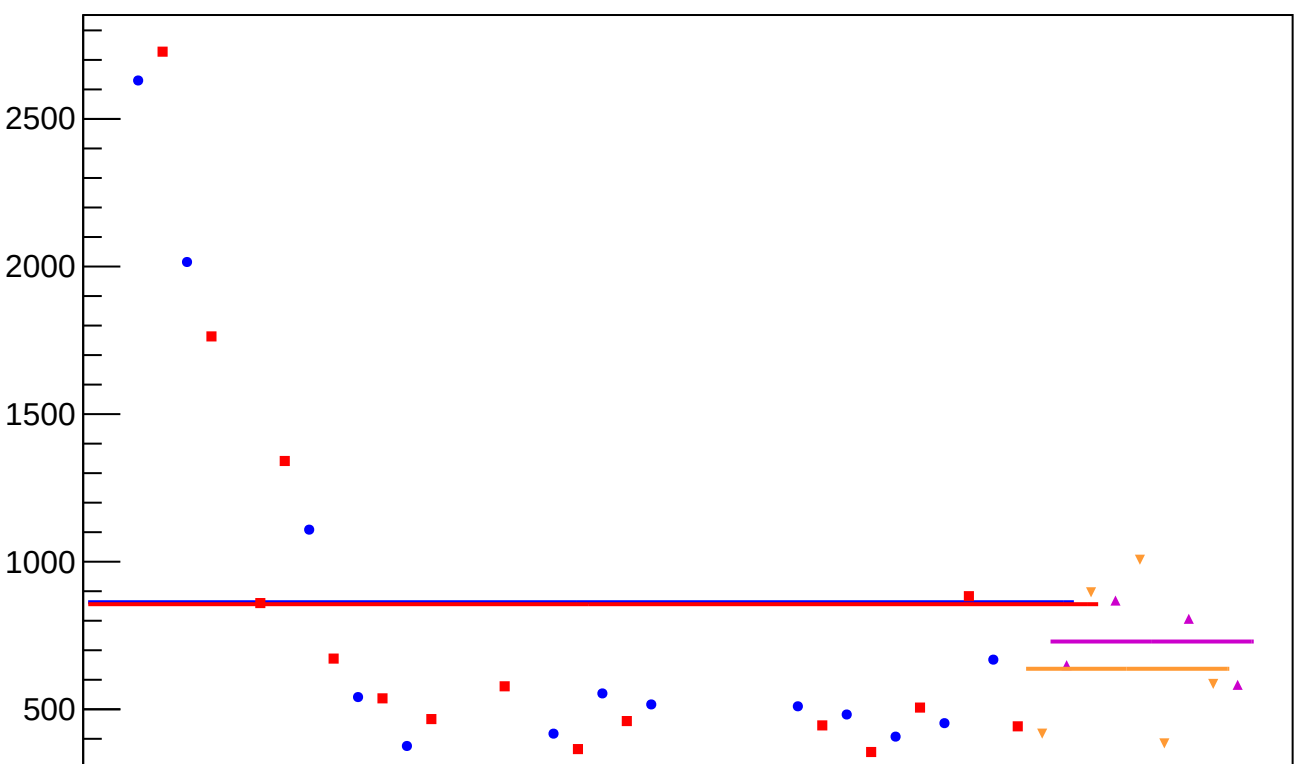
- sign 6458.792+/-0.000 χ^2/NDF: 91853282131954

Left Out: 8601.618+/-0.000 χ^2/NDF:925120105436813422451790514068754792448.0/4

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691 0592.0/15

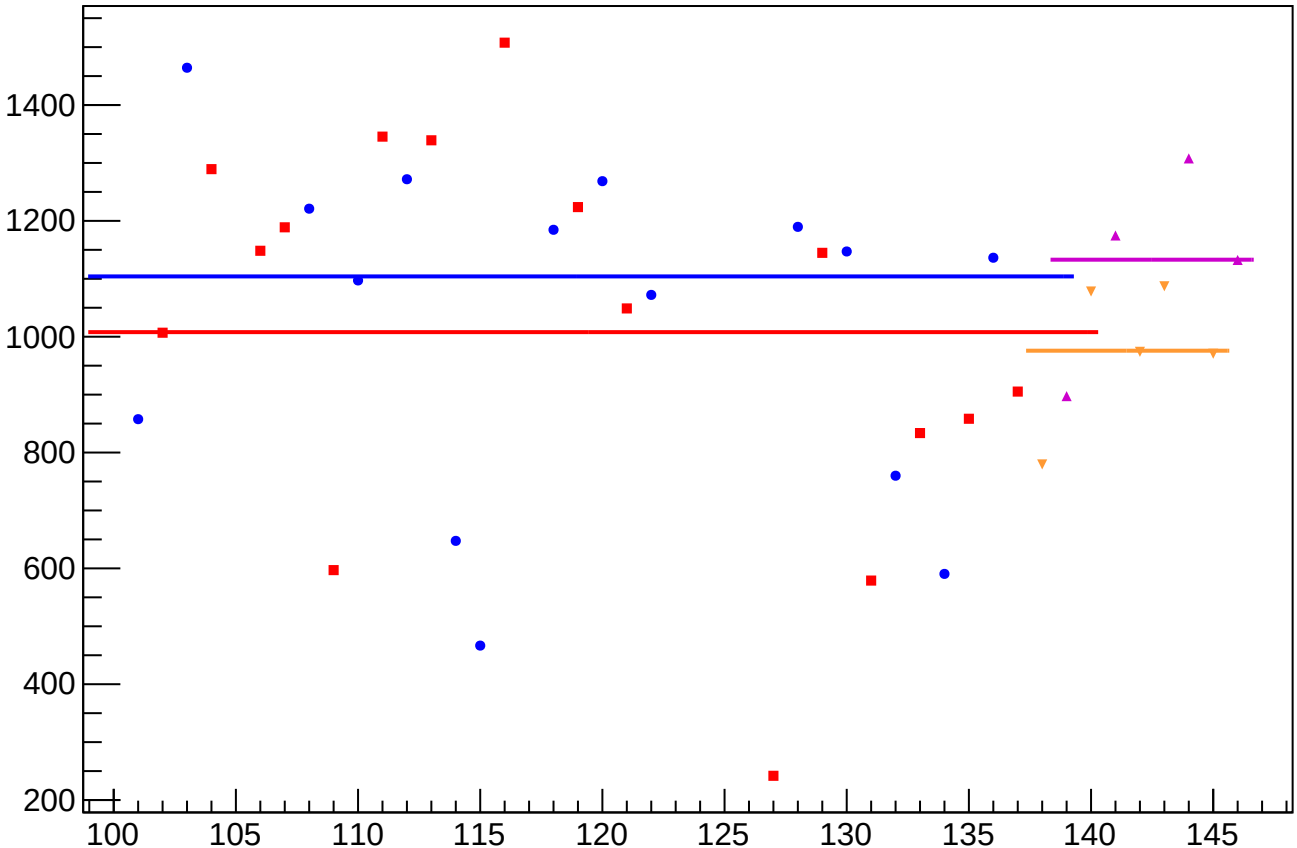
Left In: 10175.684+/-0.000 χ^2/NDF:286154796245747926365701998786207809536.0/3

dit_atl2_coil3_err_mean vs Slug



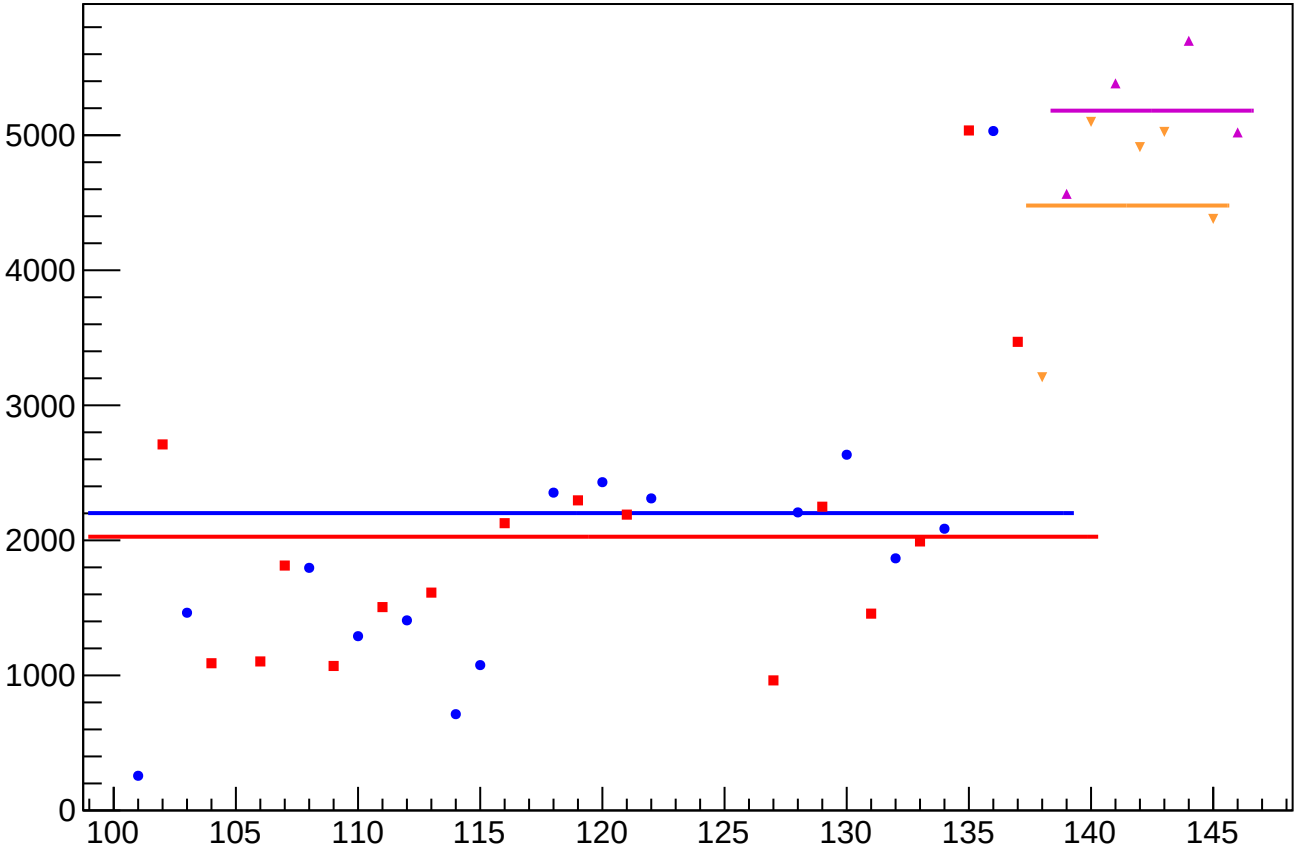
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
+ sign 783.125+/-0.000 χ^2/NDF: 36936476638268 6
Left Out: 637.269+/-0.000 χ^2/NDF:2004201177702317358558626903455327846 4.0/4
All: 798.336+/-0.000 χ^2/NDF: 7050831490 62
Right Out: 856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
- sign 813.517+/-0.000 χ^2/NDF: 335254713549513
Left Out: 729.565+/-0.000 χ^2/NDF:4470154009248531414871253202398871552.0/3

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

Left Out: 4479.305+/-0.000 χ^2/NDF:1868757291544021117190327456239714304 00.0/4

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

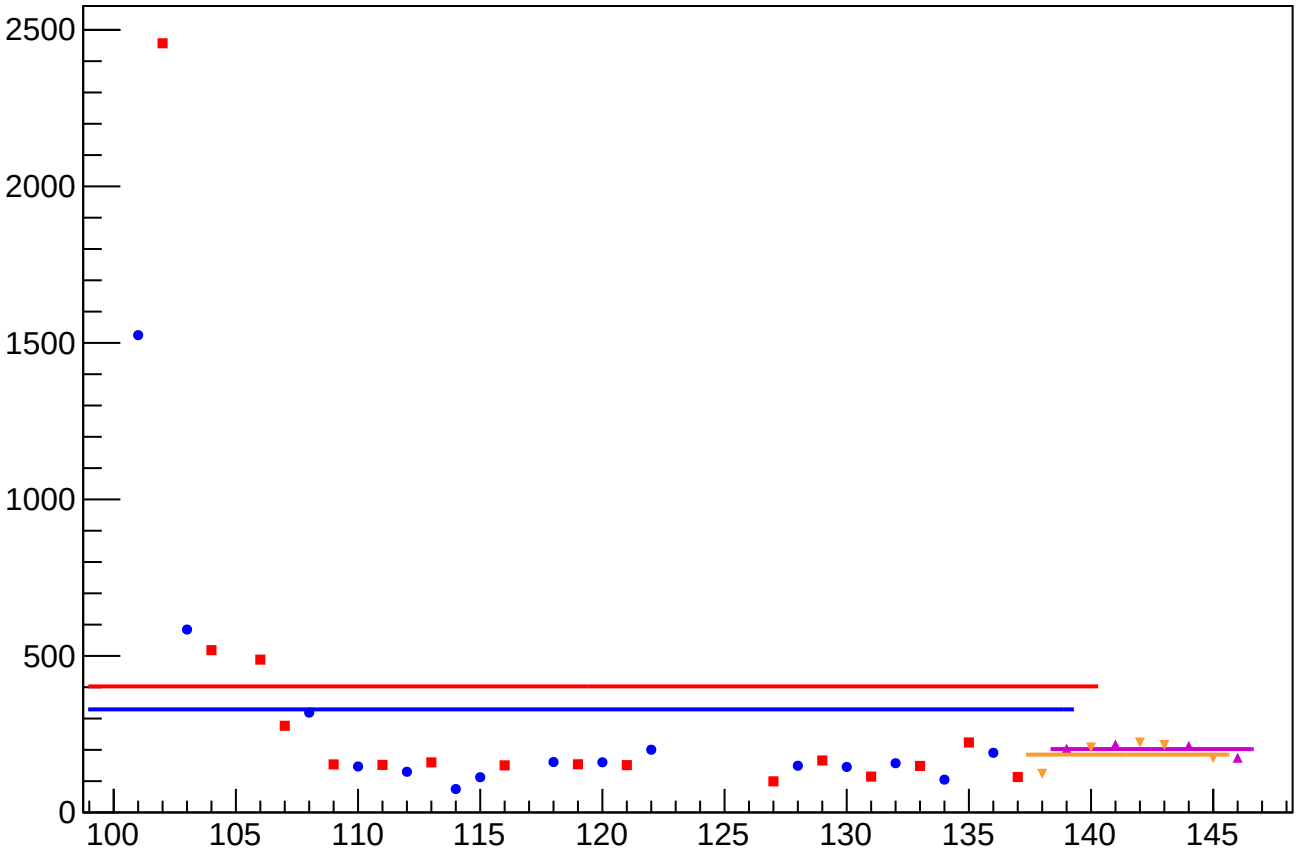
Left In: 5181.860+/-0.000 χ^2/NDF:6018845553947450800672689646572719 3088.0/3

+ sign 3005.654+/-0.000 χ^2/NDF: 2461509600201 4

All: 3046.876+/-0.000 χ^2/NDF: 5466506210 3

- sign 3088.017+/-0.000 χ^2/NDF: 3001591167766 5

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Left Out: 184.848+/-0.000 χ^2/NDF:4780682310503155808720998956447825 92.0/4

Right Out: 402.690+/-0.000 χ^2/NDF: 2776360567932933742421160535150034944 00.0/15

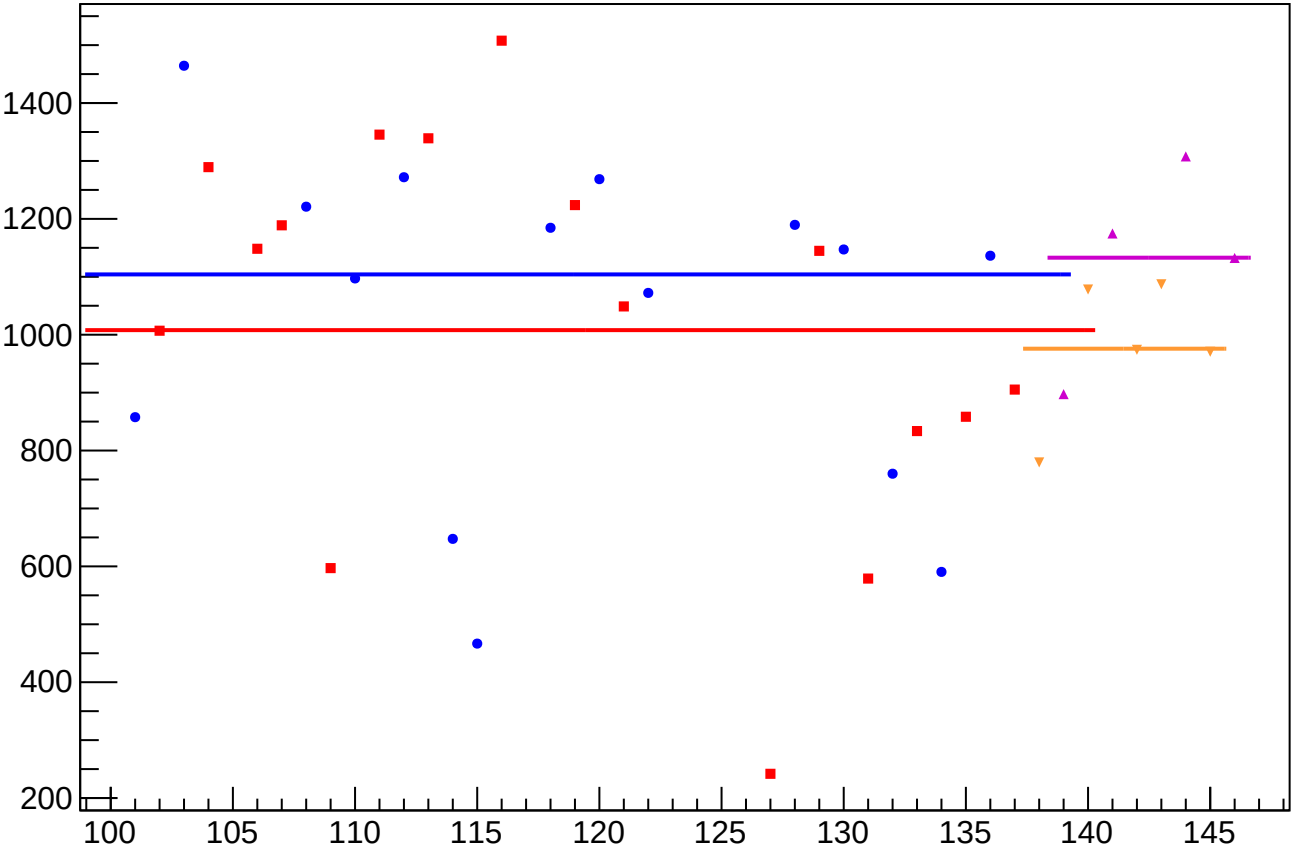
Left In: 202.451+/-0.000 χ^2/NDF:9055722742613190831459766348913049 6.0/3

+ sign 278.271+/-0.000 χ^2/NDF: 1085380500194 32

All: 306.837+/-0.000 χ^2/NDF: 3968944053 21

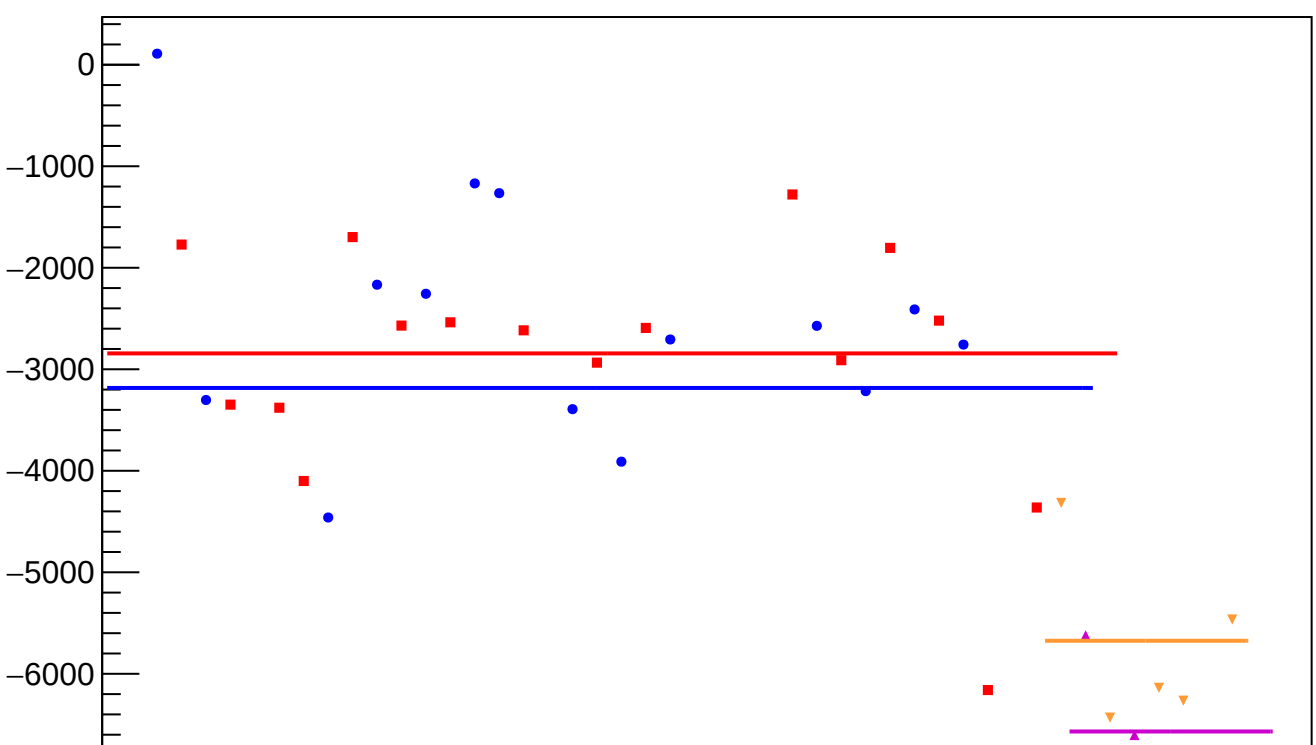
- sign 335.346+/-0.000 χ^2/NDF: 2867210754162 66

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Left Out: -5674.660+/-0.000 χ^2/NDF:227607695980143022391418223279669772288.0/4

Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

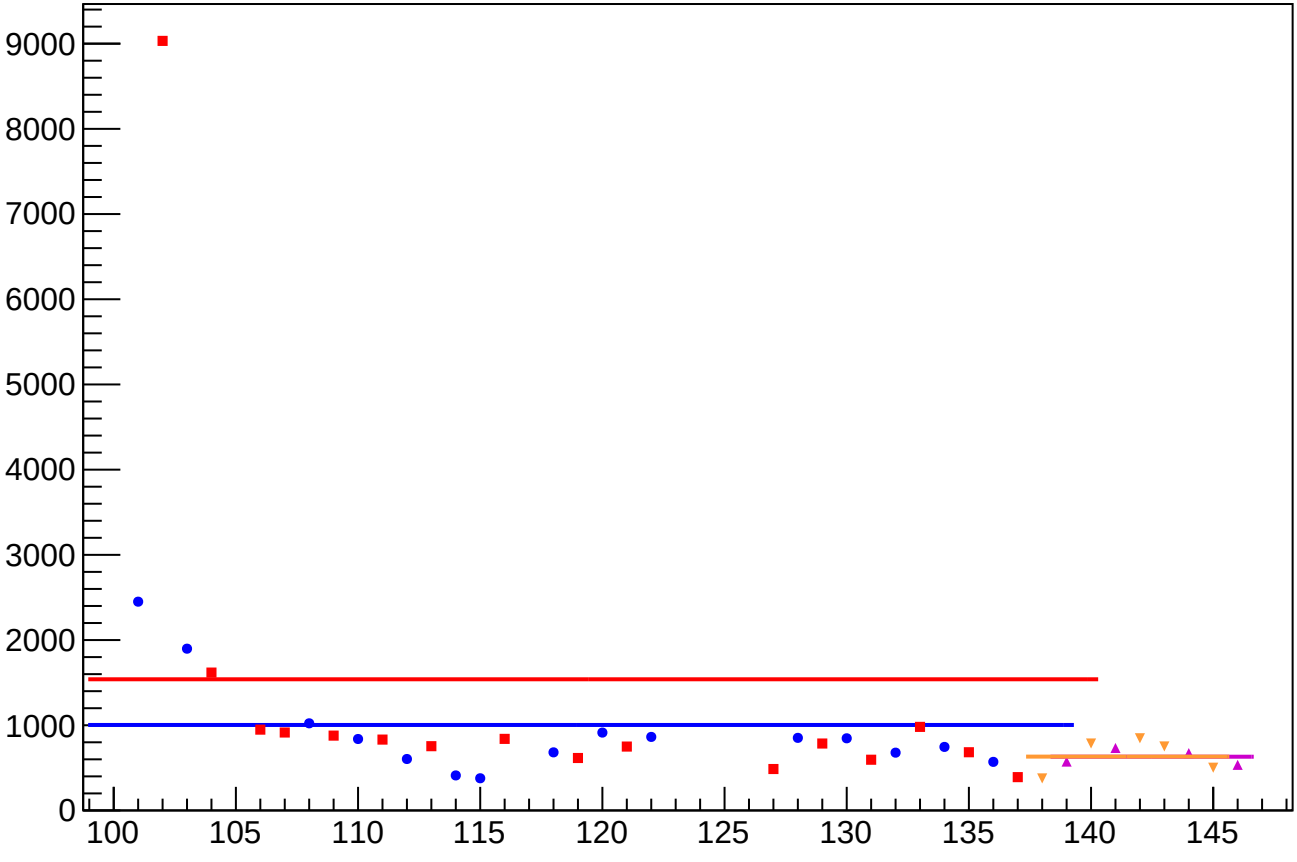
Left In: -6568.235+/-0.000 χ^2/NDF:1070139016029562124427541711770657751 04.0/3

+ sign -4063.010+/-0.000 χ^2/NDF: 3783553292093

All: -4079.652+/-0.000 χ^2/NDF: 7950235583

- sign -4096.261+/-0.000 χ^2/NDF: 4166127258181 7

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

+ sign 872.324+/-0.000 χ^2/NDF: 262918506798269

Left Out: 632.006+/-0.000 χ^2/NDF:1150718809990637845220776544901582028 8.0/4

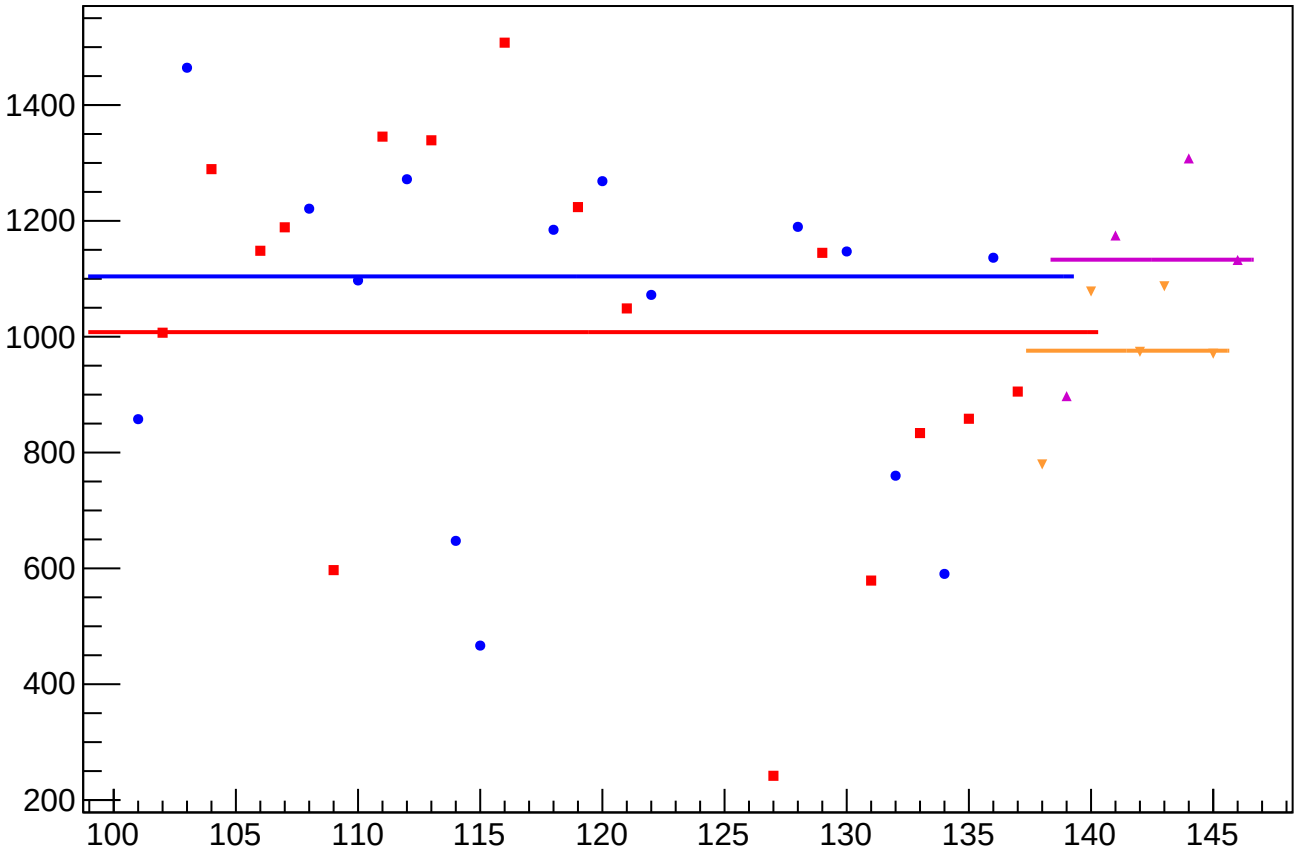
All: 1053.299+/-0.000 χ^2/NDF: 4130684330

Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

- sign 1233.913+/-0.000 χ^2/NDF: 38021312631428

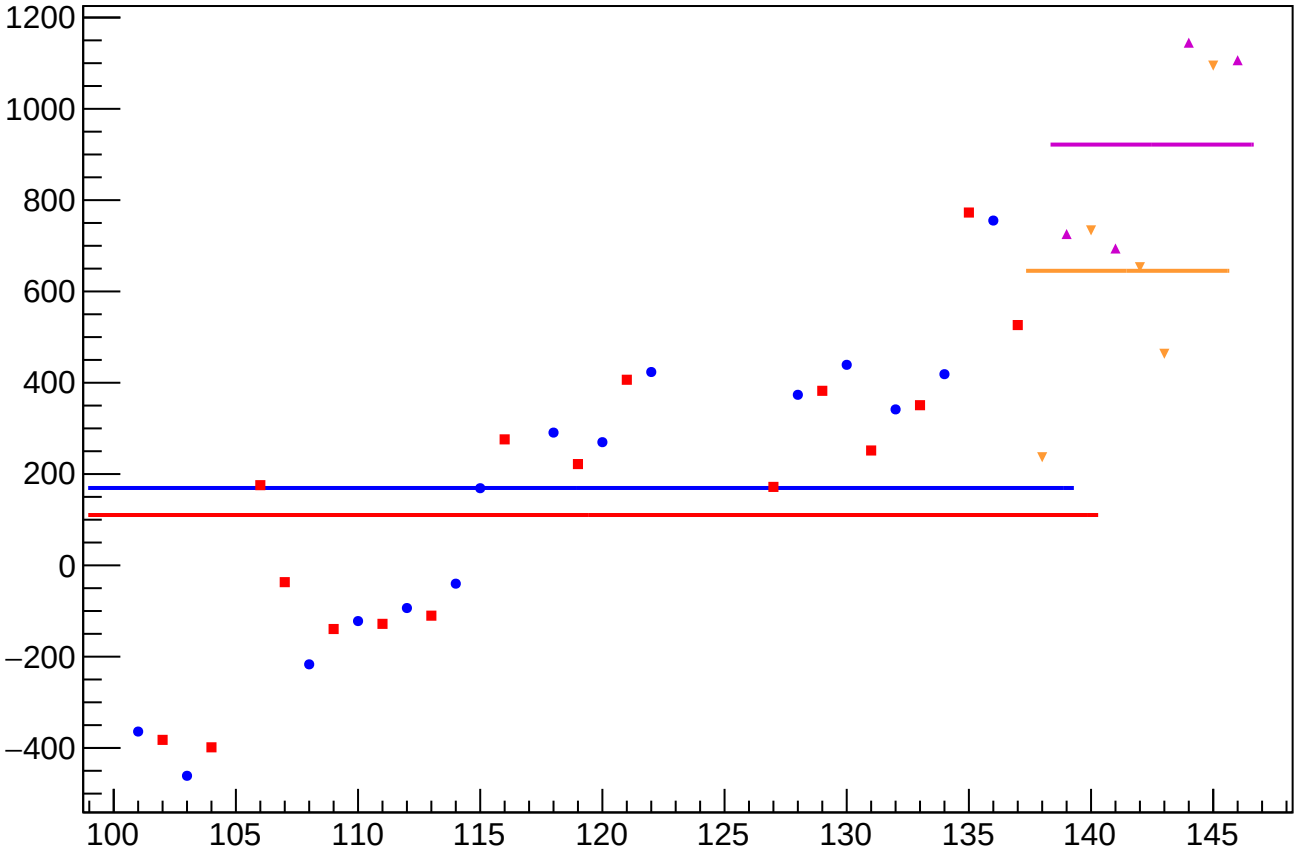
Left In: 630.741+/-0.000 χ^2/NDF:20721867155268367803273322553357107 20.0/3

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 645.214+/-0.000 χ^2/NDF:322324081846017445053022277092266475 52.0/4

Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

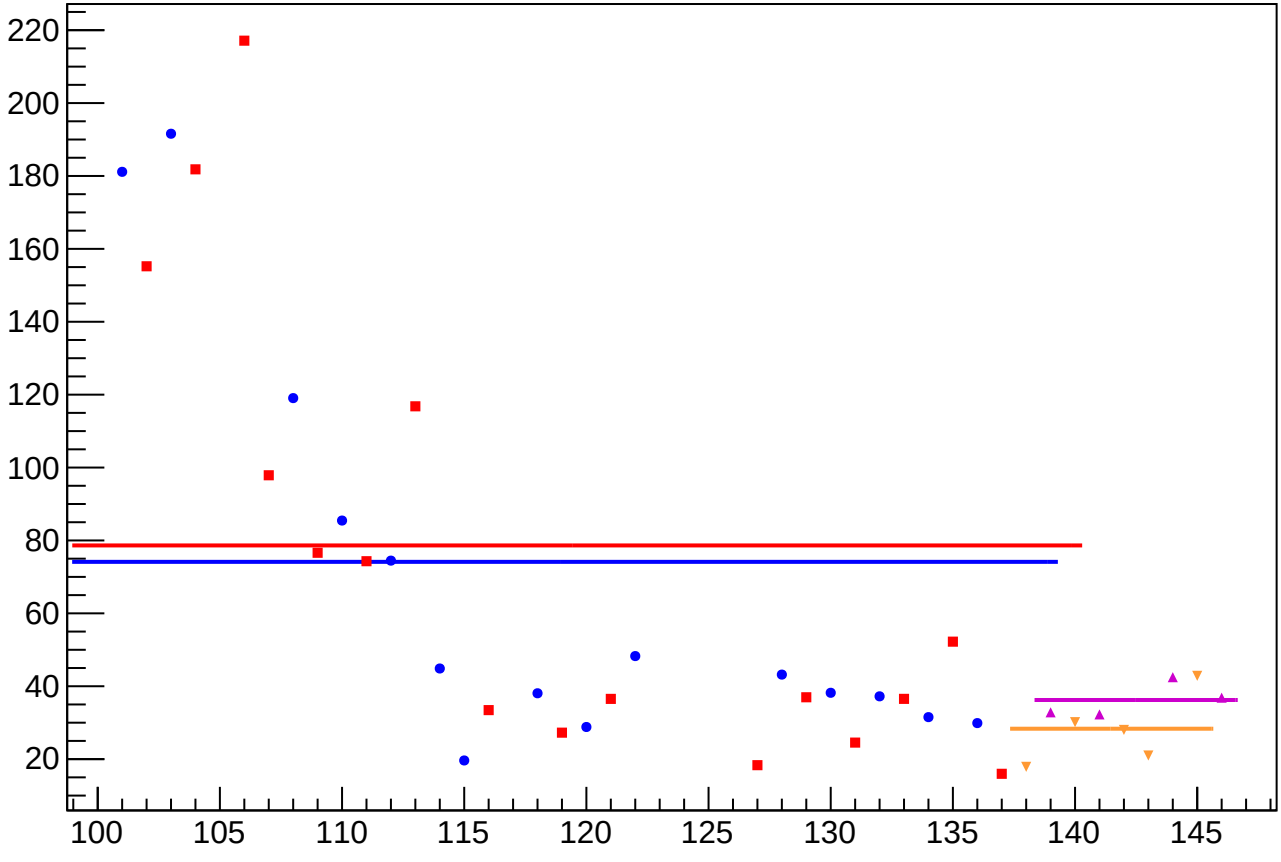
Left In: 921.685+/-0.000 χ^2/NDF:147811803542922809401337792909237288 96.0/3

+ sign 337.392+/-0.000 χ^2/NDF: 17950751349575 9

All: 360.307+/-0.000 χ^2/NDF: 41479896841 4

- sign 383.176+/-0.000 χ^2/NDF: 23423916037956 2

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

+ sign 57.970+/-0.000 χ^2/NDF: 2677958876231848

Left Out: 28.346+/-0.000 χ^2/NDF:2947340128885289946548912018318950 4.0/4

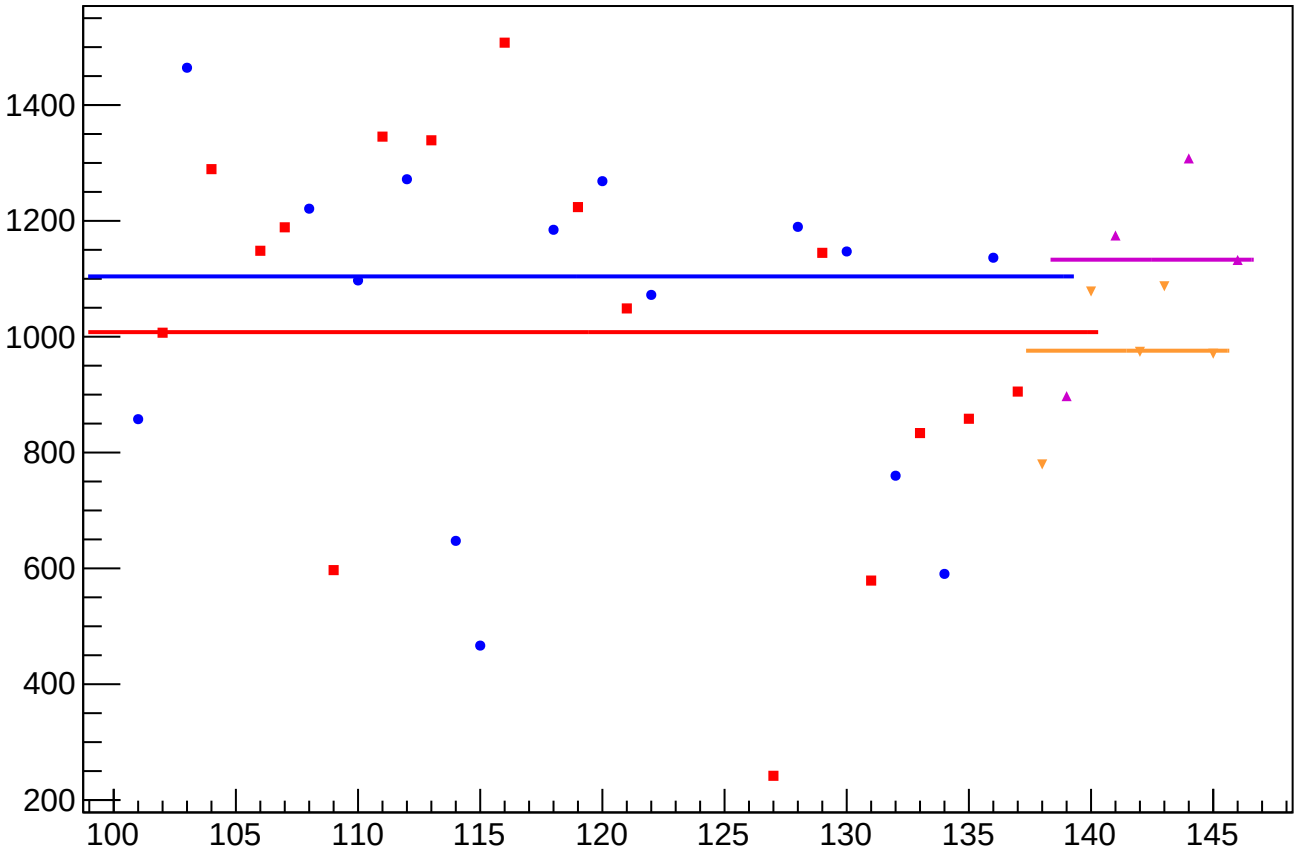
All: 61.174+/-0.000 χ^2/NDF: 5450931905142

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

- sign 64.371+/-0.000 χ^2/NDF: 2752407907789865

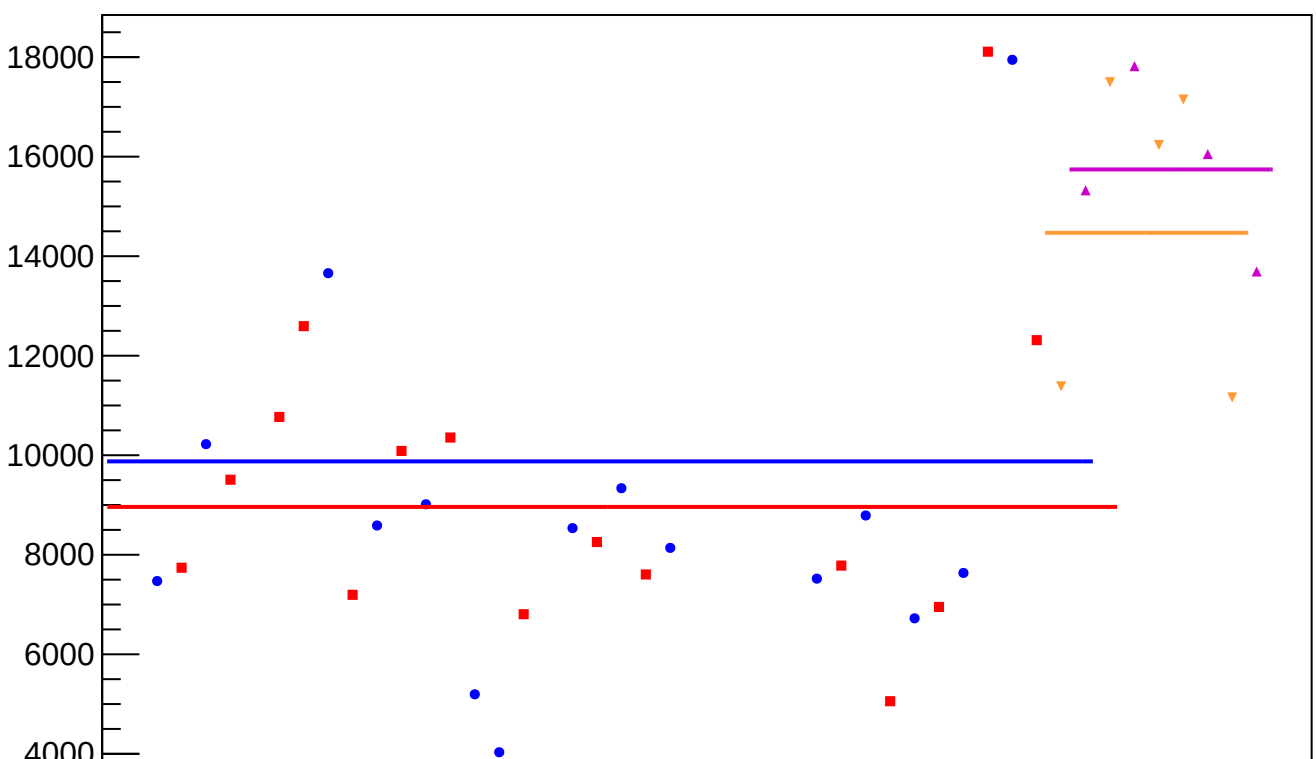
Left In: 36.226+/-0.000 χ^2/NDF:5770904502383344723514640927031296.0/3

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

+ sign 11497.651+/-0.000 χ^2/NDF: 1631995098113

Left Out: 14469.705+/-0.000 χ^2/NDF:3004079251604735431535466918556305719296.0/4

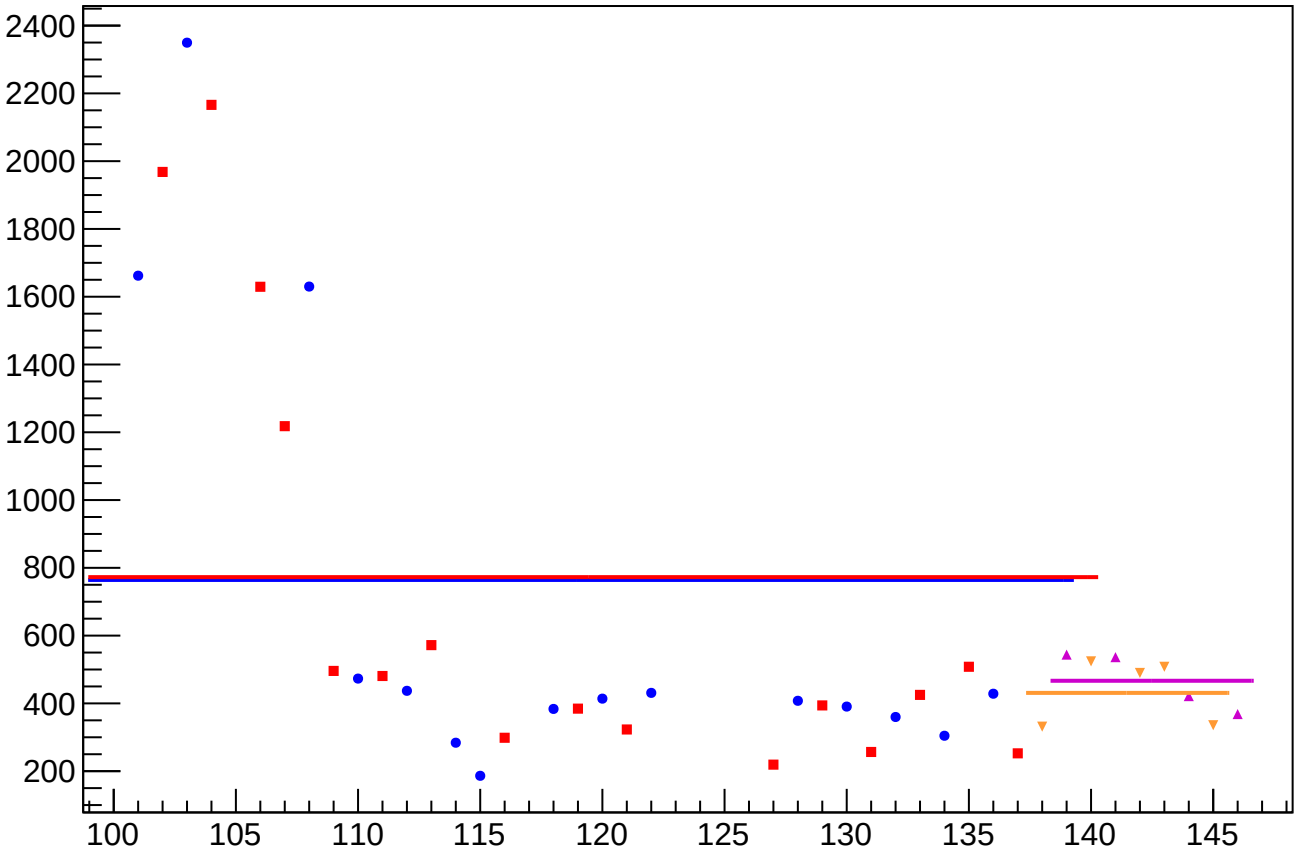
All: 11369.807+/-0.000 χ^2/NDF: 3498987019

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

- sign 11242.218+/-0.000 χ^2/NDF: 1863716590481

Left In: 15742.744+/-0.000 χ^2/NDF:7381030143958386274811424934330745487 36.0/3

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

Left Out: 430.983+/-0.000 χ^2/NDF:2778819163872099469134076880418242560.0/4

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

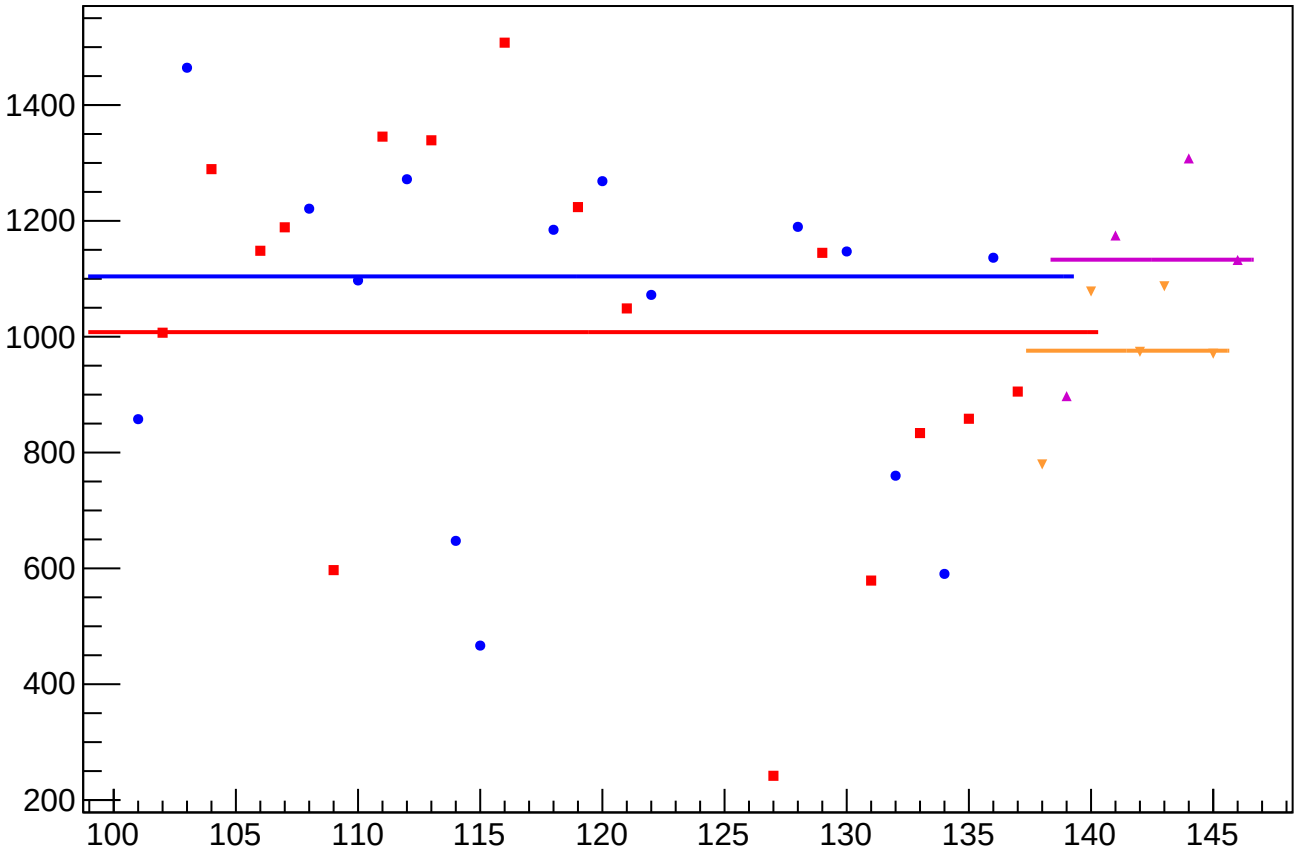
Left In: 466.739+/-0.000 χ^2/NDF:1878932486395222040428149698715451392.0/3

+ sign 646.648+/-0.000 χ^2/NDF: 319189689809395

All: 658.185+/-0.000 χ^2/NDF: 628216014886

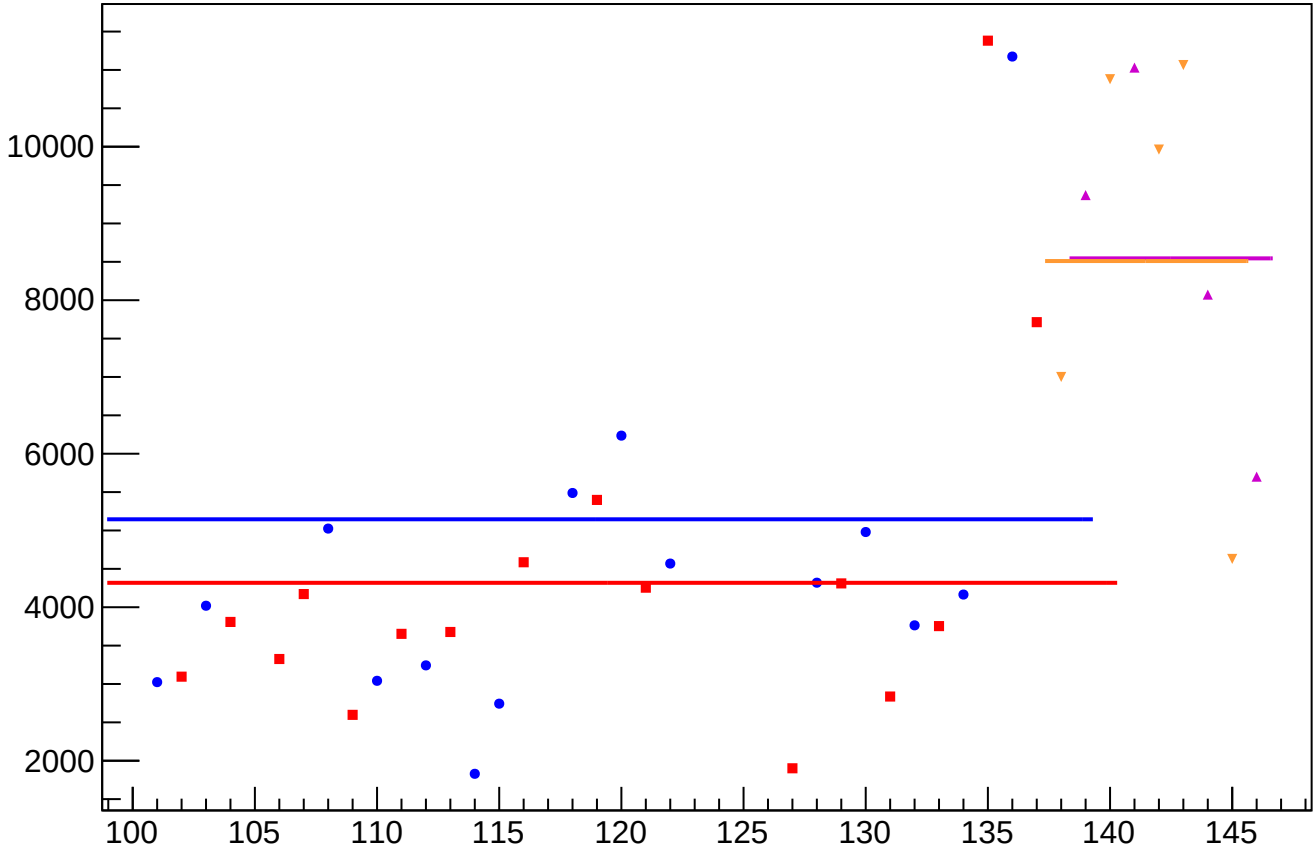
- sign 669.699+/-0.000 χ^2/NDF: 308759607243800

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

+ sign 6333.173+/-0.000 χ^2/NDF: 9258025681808

Left Out: 8510.286+/-0.000 χ^2/NDF:2392046314410602008351692532380361293824.0/4

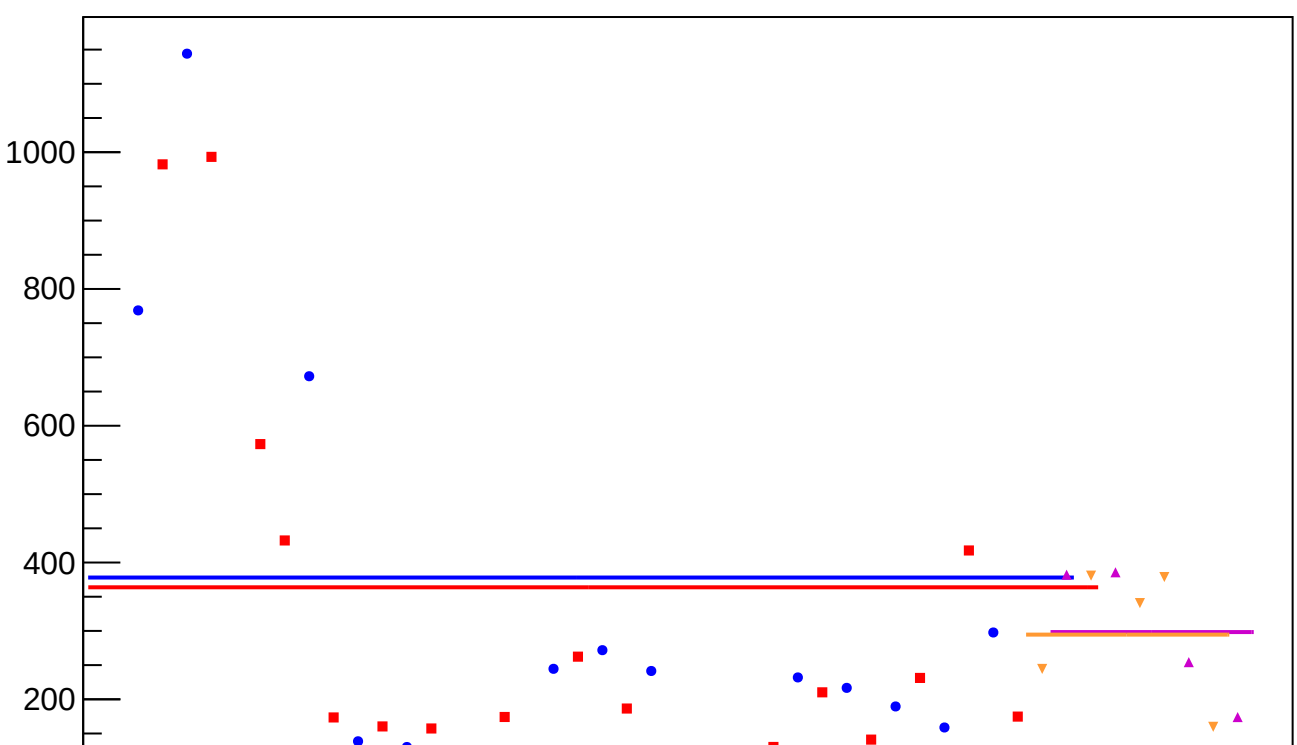
All: 6036.165+/-0.000 χ^2/NDF: 1805943477

Right Out: 4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

- sign 5739.748+/-0.000 χ^2/NDF: 86246284299552

Left In: 8545.139+/-0.000 χ^2/NDF:1271305587460965328954581492467339624448.0/3

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

+ sign 348.594+/-0.000 χ^2/NDF: 659630868851589

Left Out: 294.587+/-0.000 χ^2/NDF:285076372851672181440484435919949 0048.0/4

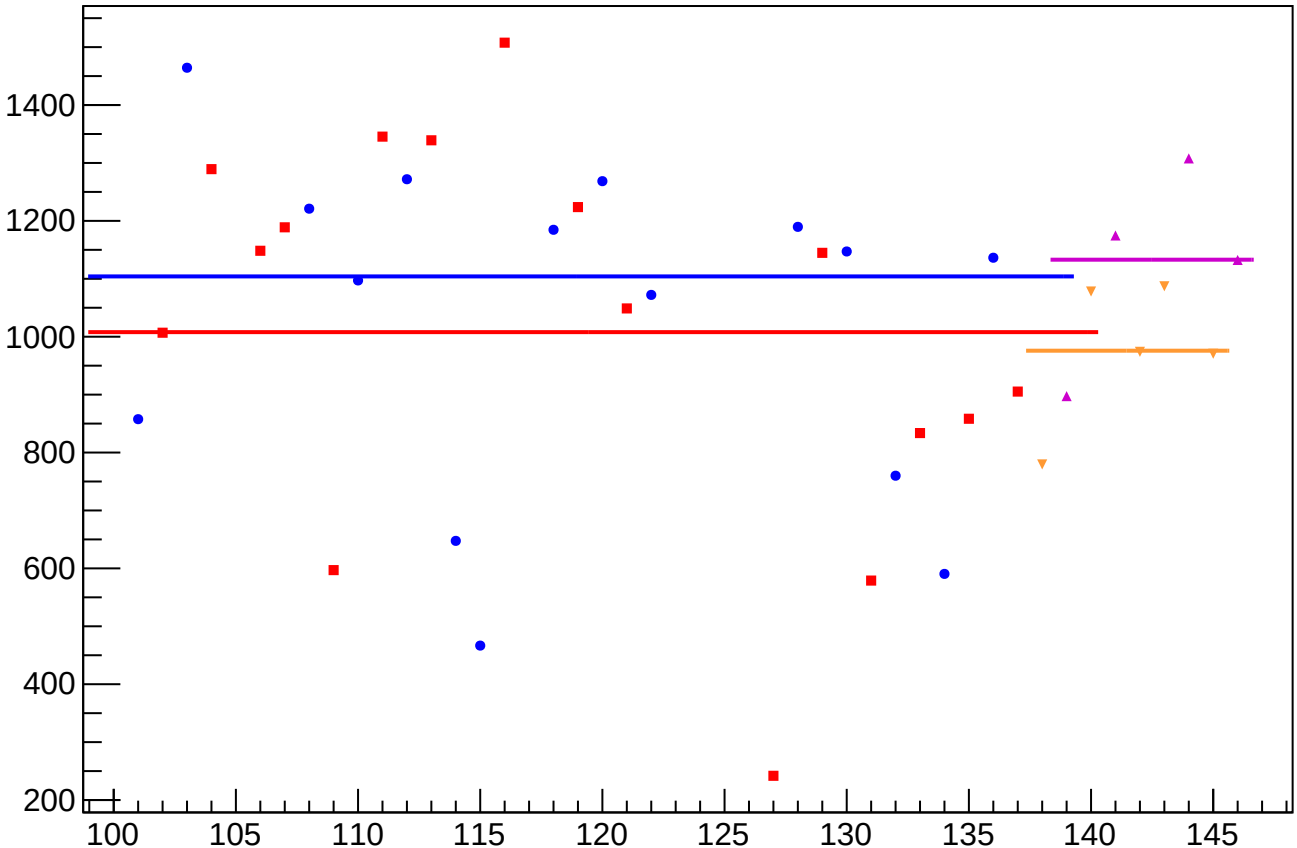
All: 345.171+/-0.000 χ^2/NDF: 12865337602 1

Right Out: 363.772+/-0.000 χ^2/NDF: 590313374847098018041814393427066880 00.0/15

- sign 341.756+/-0.000 χ^2/NDF: 626668193257078

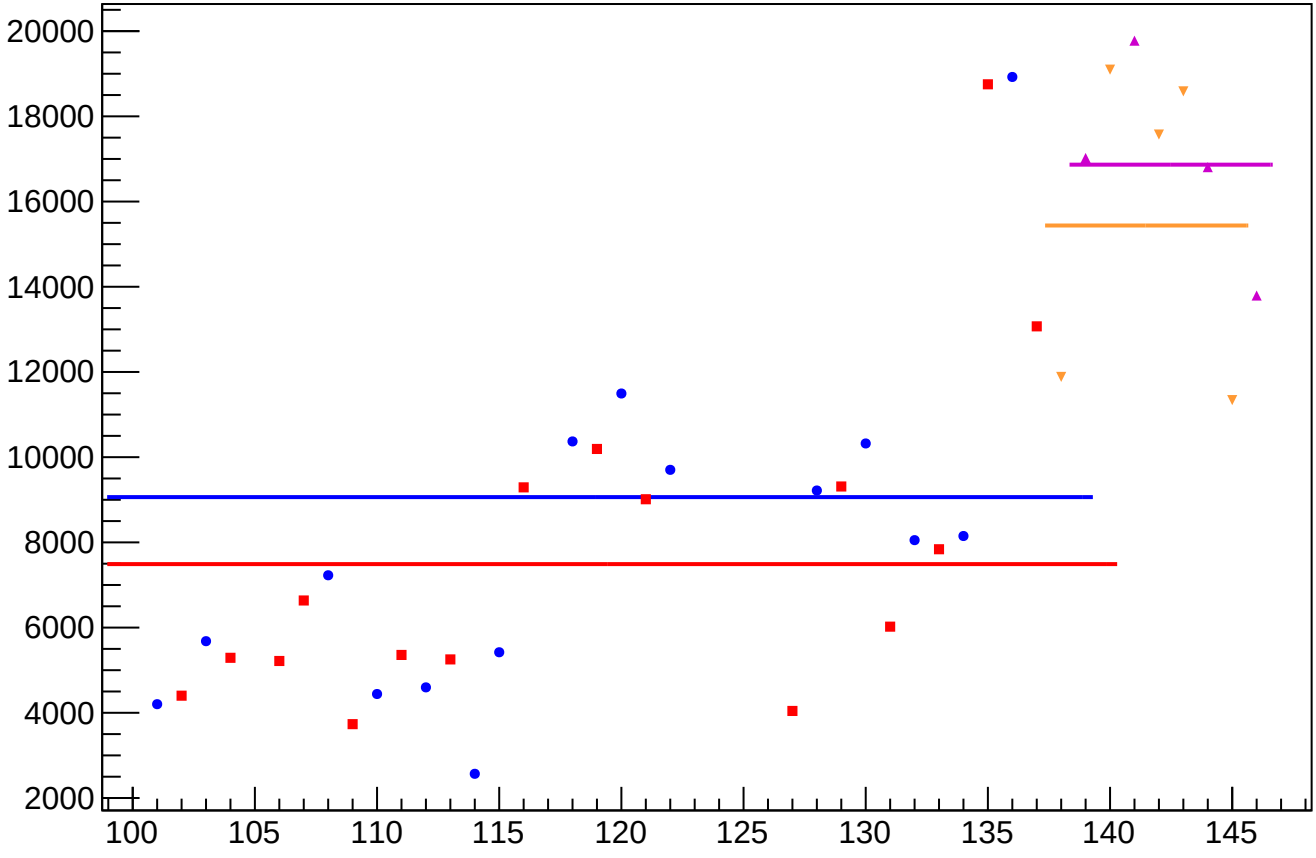
Left In: 298.309+/-0.000 χ^2/NDF:267416070974747812824809795820401 4592.0/3

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 11312.737+/-0.000 χ^2/NDF: 2724721388104

Left Out: 15437.787+/-0.000 χ^2/NDF:4316826968657518194709744076444577824768.0/4

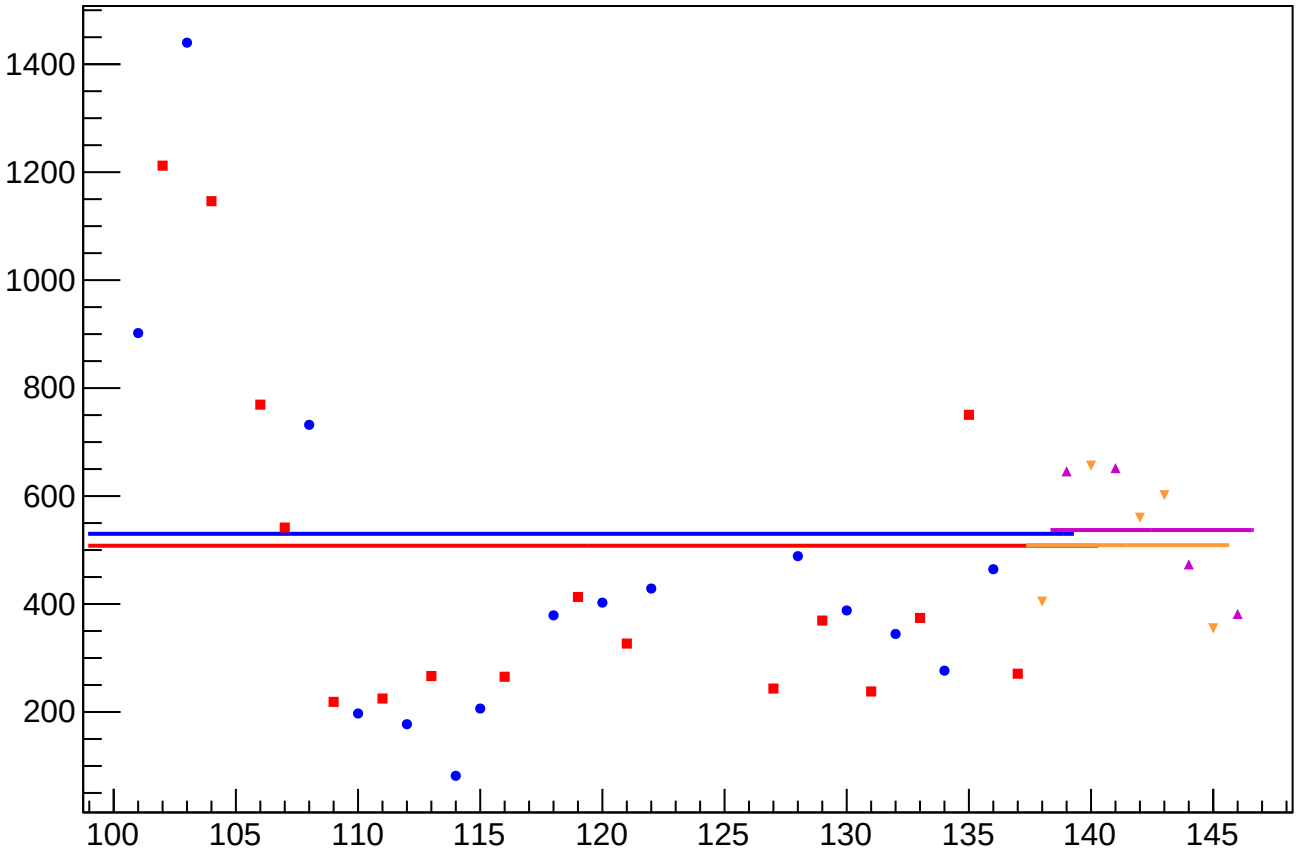
All: 10977.722+/-0.000 χ^2/NDF: 5880482450

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

- sign 10643.373+/-0.000 χ^2/NDF: 3133269088351

Left In: 16865.865+/-0.000 χ^2/NDF:1505459136405159643877068607512769462272.0/3

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF: 78754676063063255524046471751880671232.0/14

+ sign 522.625+/-0.000 χ^2/NDF: 841029856775707

Left Out: 508.999+/-0.000 χ^2/NDF:524673688098892513582738299150978252 8.0/4

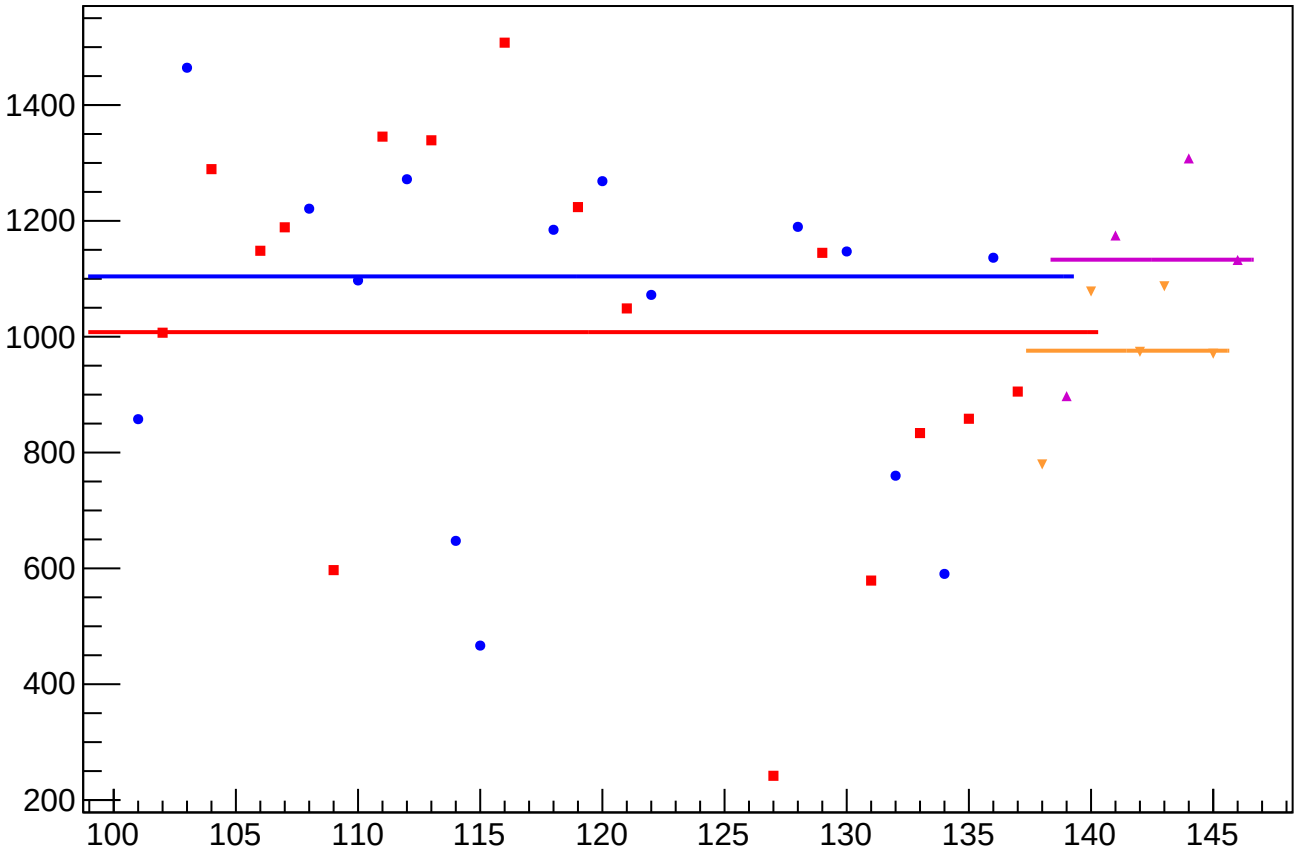
All: 520.189+/-0.000 χ^2/NDF: 16543624372 7

Right Out: 507.987+/-0.000 χ^2/NDF: 76689734698308464337881841969555046400.0/15

- sign 517.757+/-0.000 χ^2/NDF: 813213619391494

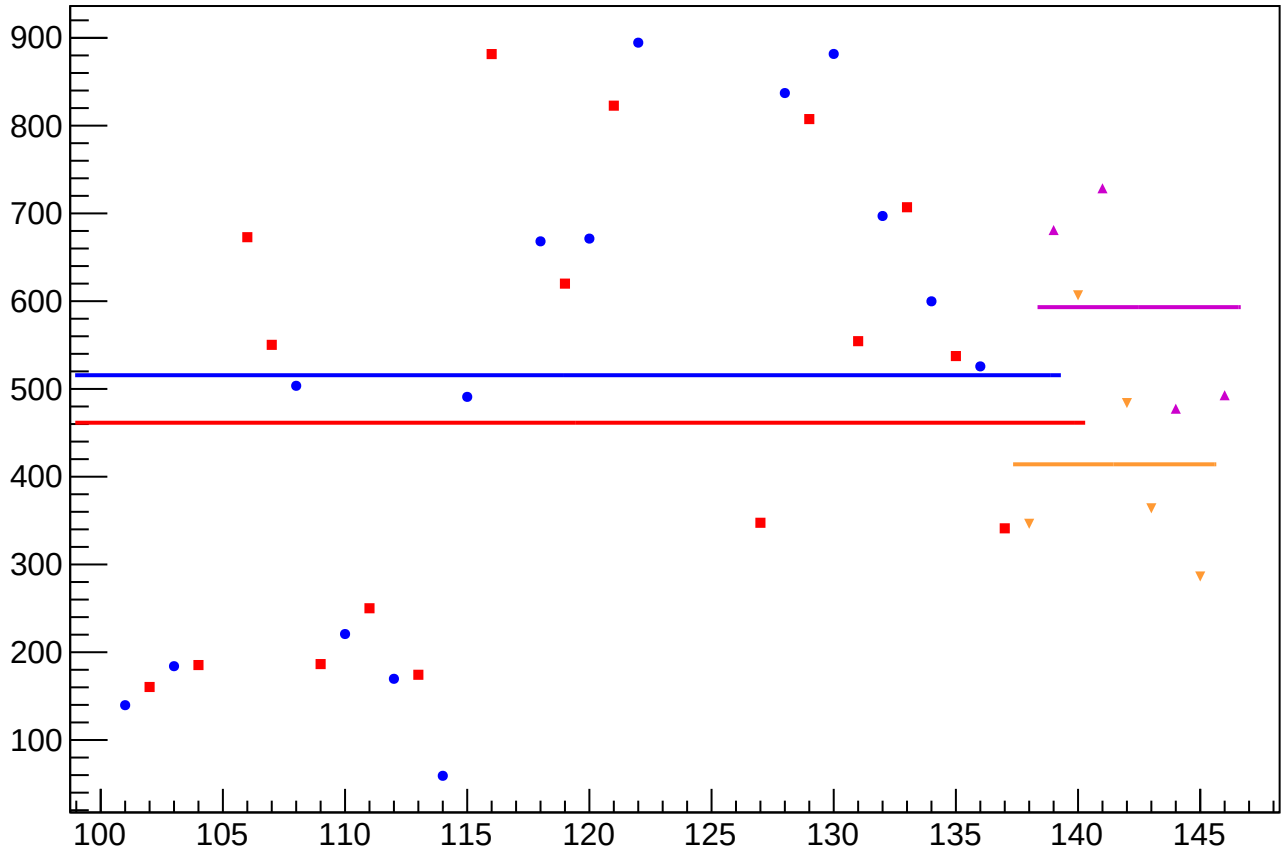
Left In: 537.038+/-0.000 χ^2/NDF:4442309698448367011912799641644564480.0/3

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14

Left Out: 414.122+/-0.000 χ^2/NDF:511421471685925749879300251622939 0336.0/4

Right Out: 461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685 64224.0/15

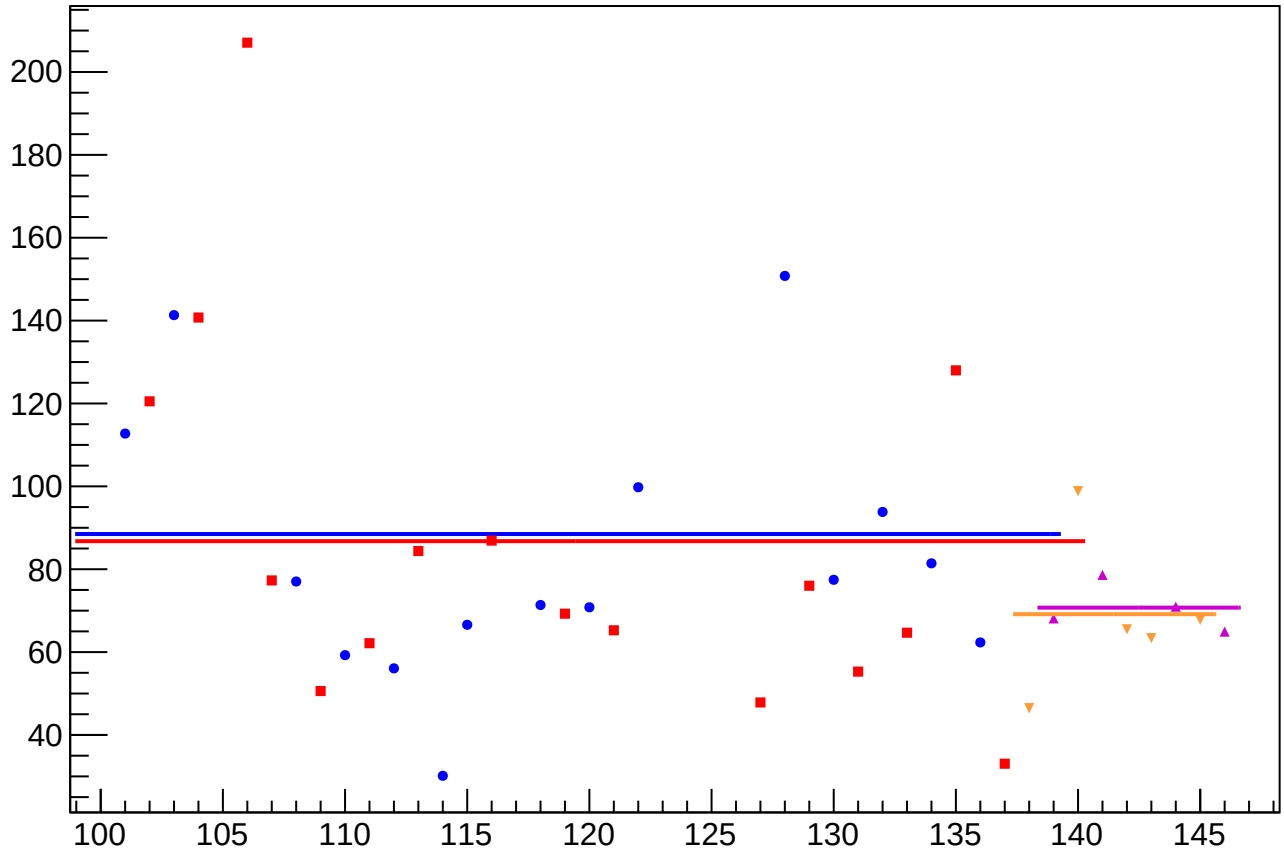
Left In: 593.197+/-0.000 χ^2/NDF:421209849870466599877162897783966 9248.0/3

+ sign 479.807+/-0.000 χ^2/NDF: 559400527768437

All: 492.812+/-0.000 χ^2/NDF: 10485569981

- sign 505.790+/-0.000 χ^2/NDF: 485767362924325

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14

+ sign 81.668+/-0.000 χ^2/NDF: 8442727644074348

Left Out: 69.154+/-0.000 χ^2/NDF:1153779223047343859540654634911662 08.0/4

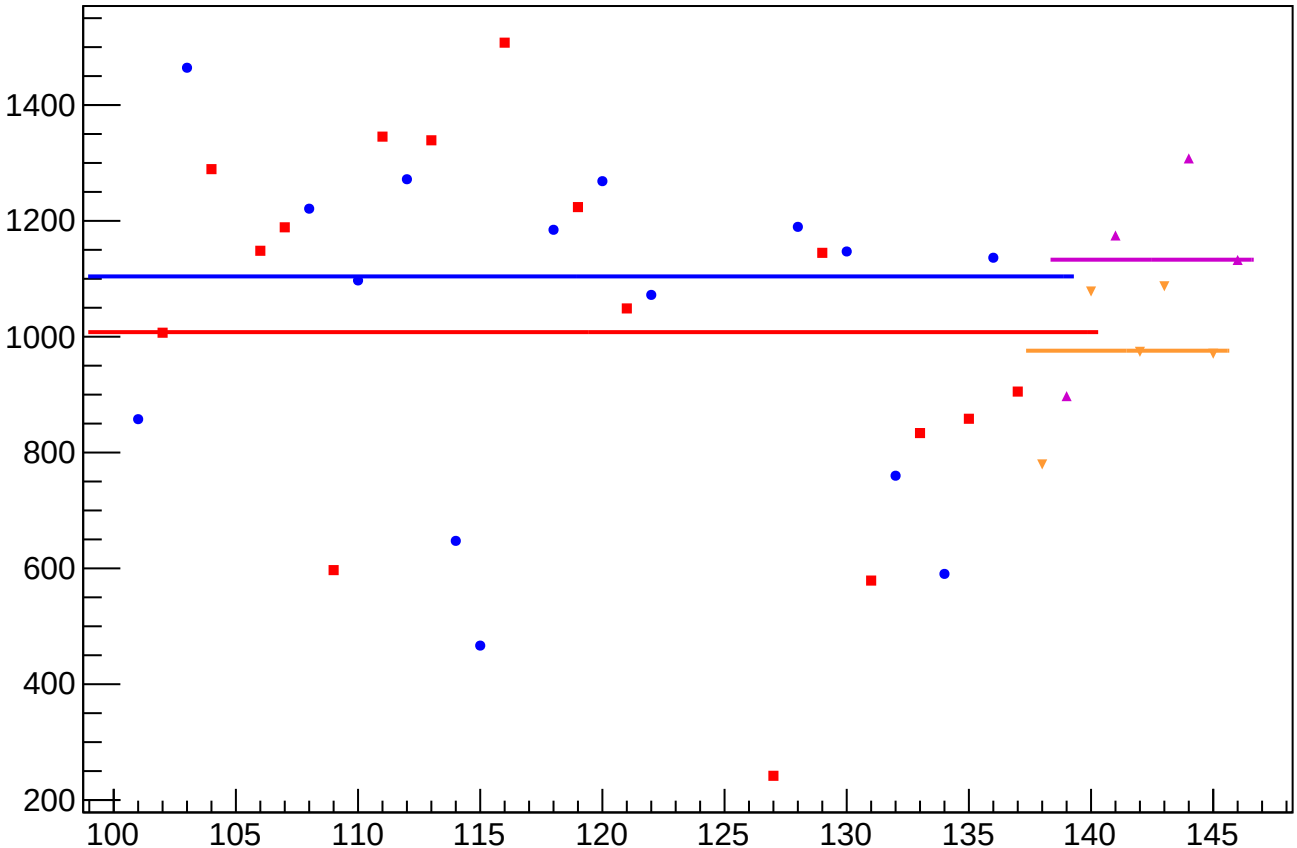
All: 81.523+/-0.000 χ^2/NDF: 1969885767440

Right Out: 86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

- sign 81.378+/-0.000 χ^2/NDF: 1125571027248872

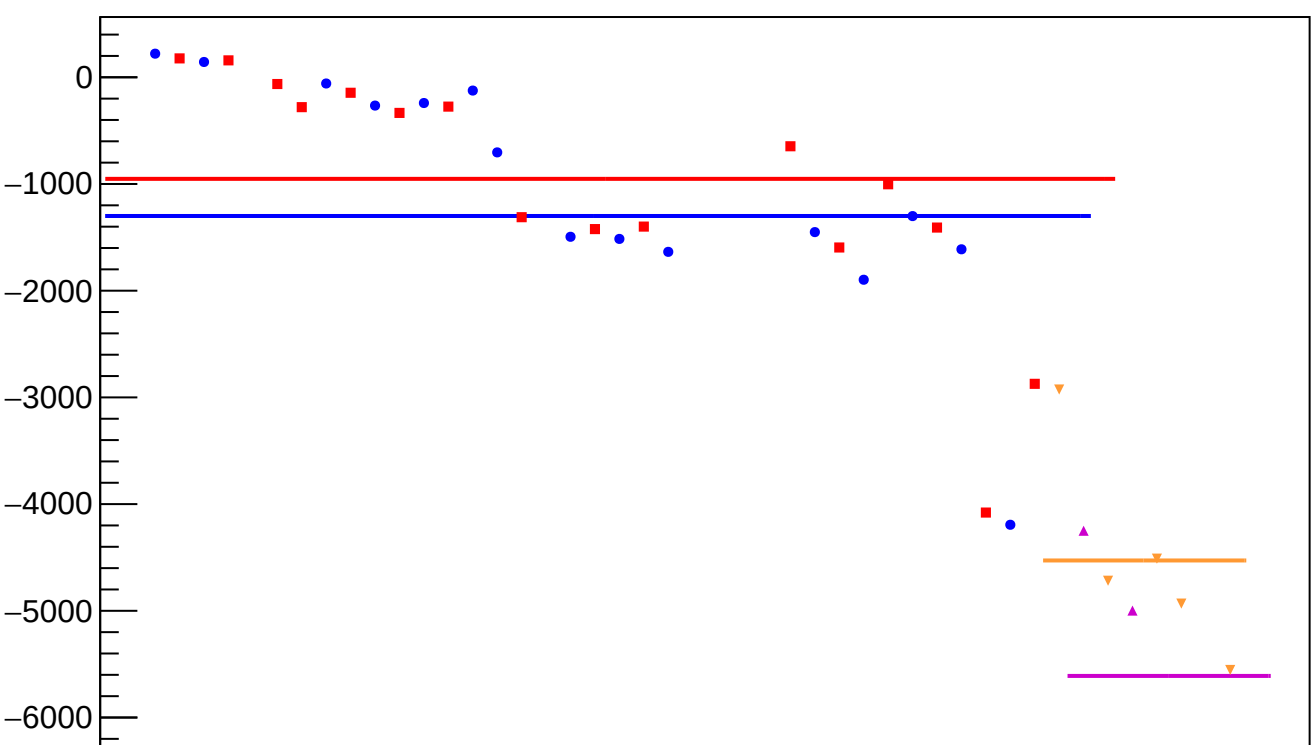
Left In: 70.732+/-0.000 χ^2/NDF:8640318185441259390626861563248640.0/3

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000 χ^2/NDF: 11996492521632163670864086915775243223 04.0/14

Left Out: -4528.205+/-0.000 χ^2/NDF:2993900048471447572318628725598055301 12.0/4

Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

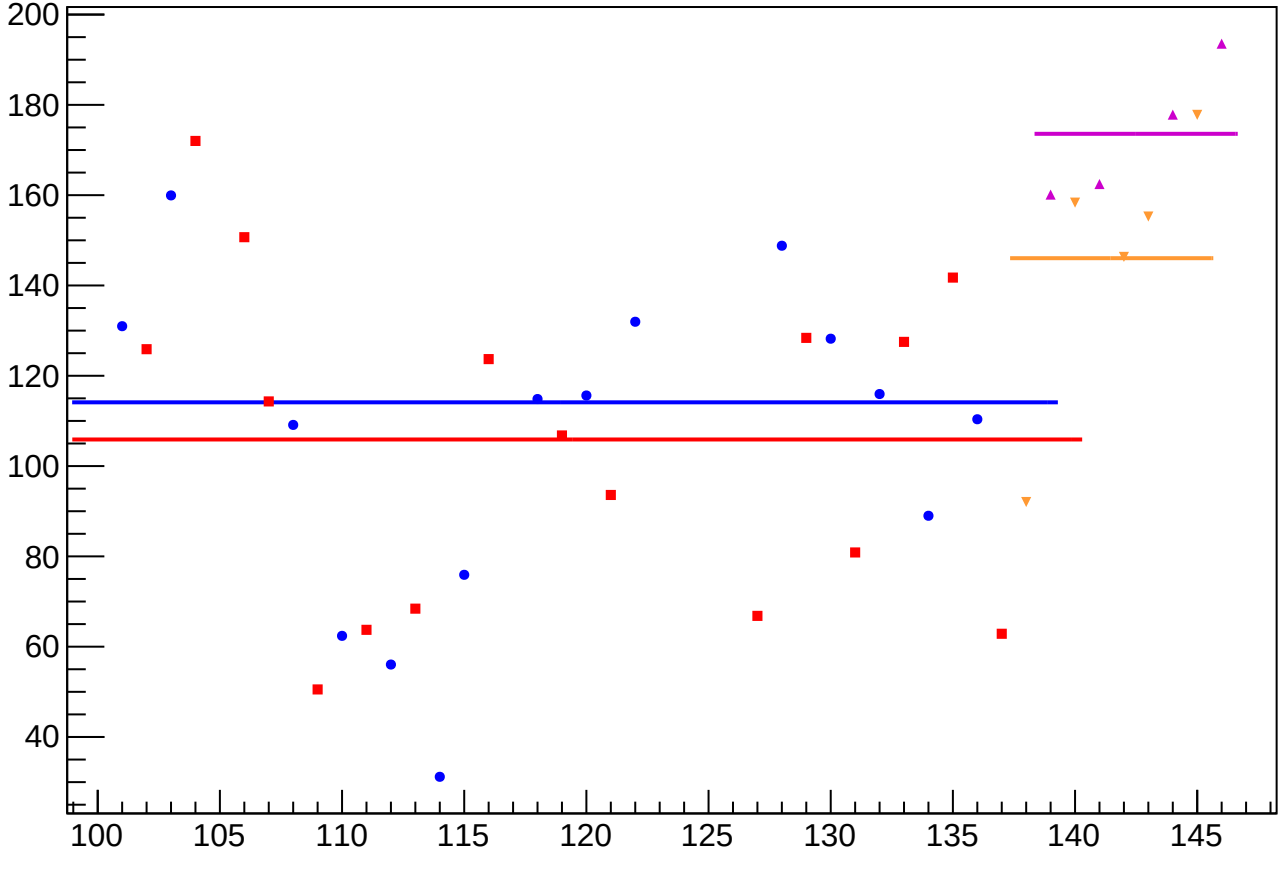
Left In: -5610.189+/-0.000 χ^2/NDF:3363520966824274944848367231875825008 64.0/3

+ sign -2439.304+/-0.000 χ^2/NDF: 3886274308027

All: -2478.977+/-0.000 χ^2/NDF: 9934850818

- sign -2518.570+/-0.000 χ^2/NDF: 60454223779252

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 146.041+/-0.000 χ^2/NDF:327207991963962703681819522442985472.0/4

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

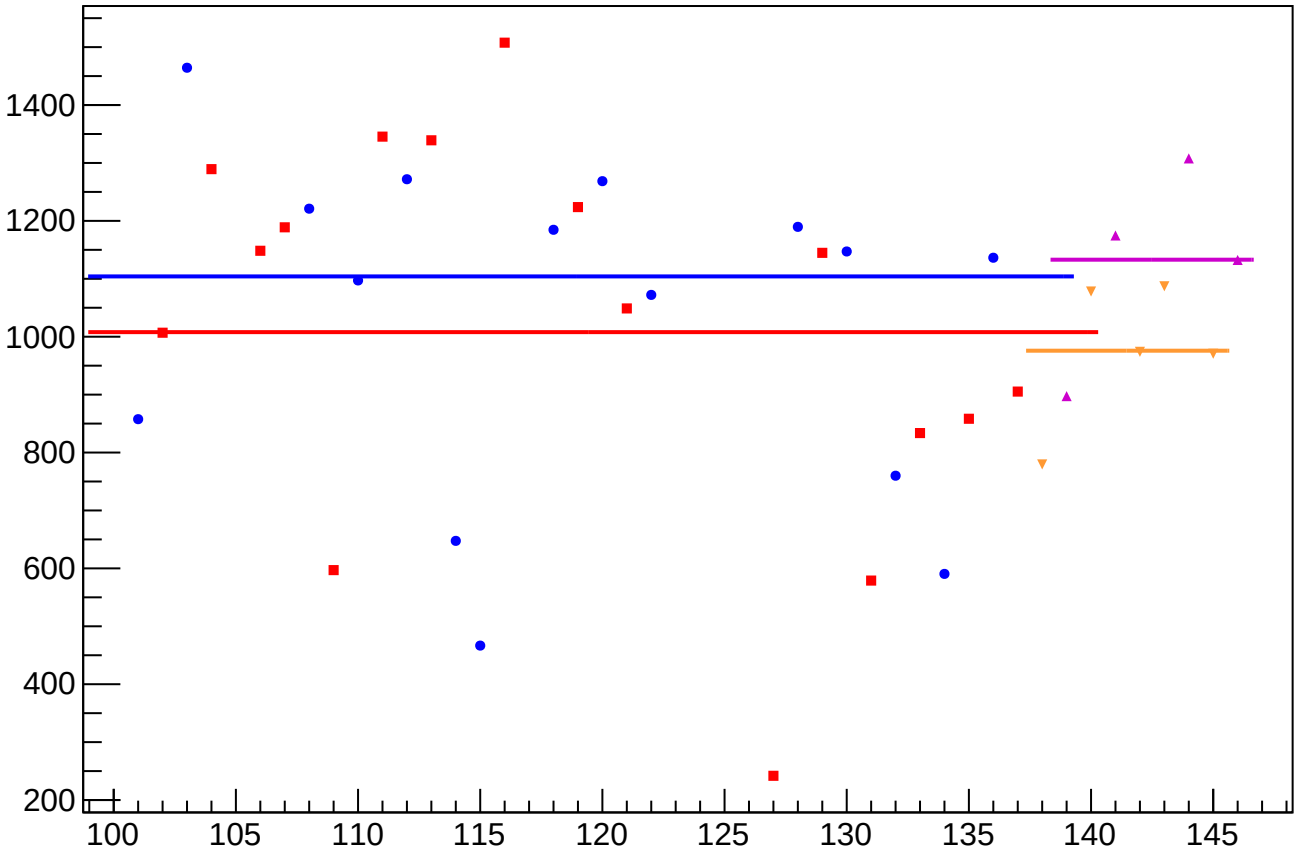
Left In: 173.588+/-0.000 χ^2/NDF:598784929112062747185914352249077 76.0/3

+ sign 125.385+/-0.000 χ^2/NDF: 116786388672396

All: 127.023+/-0.000 χ^2/NDF: 311306297712

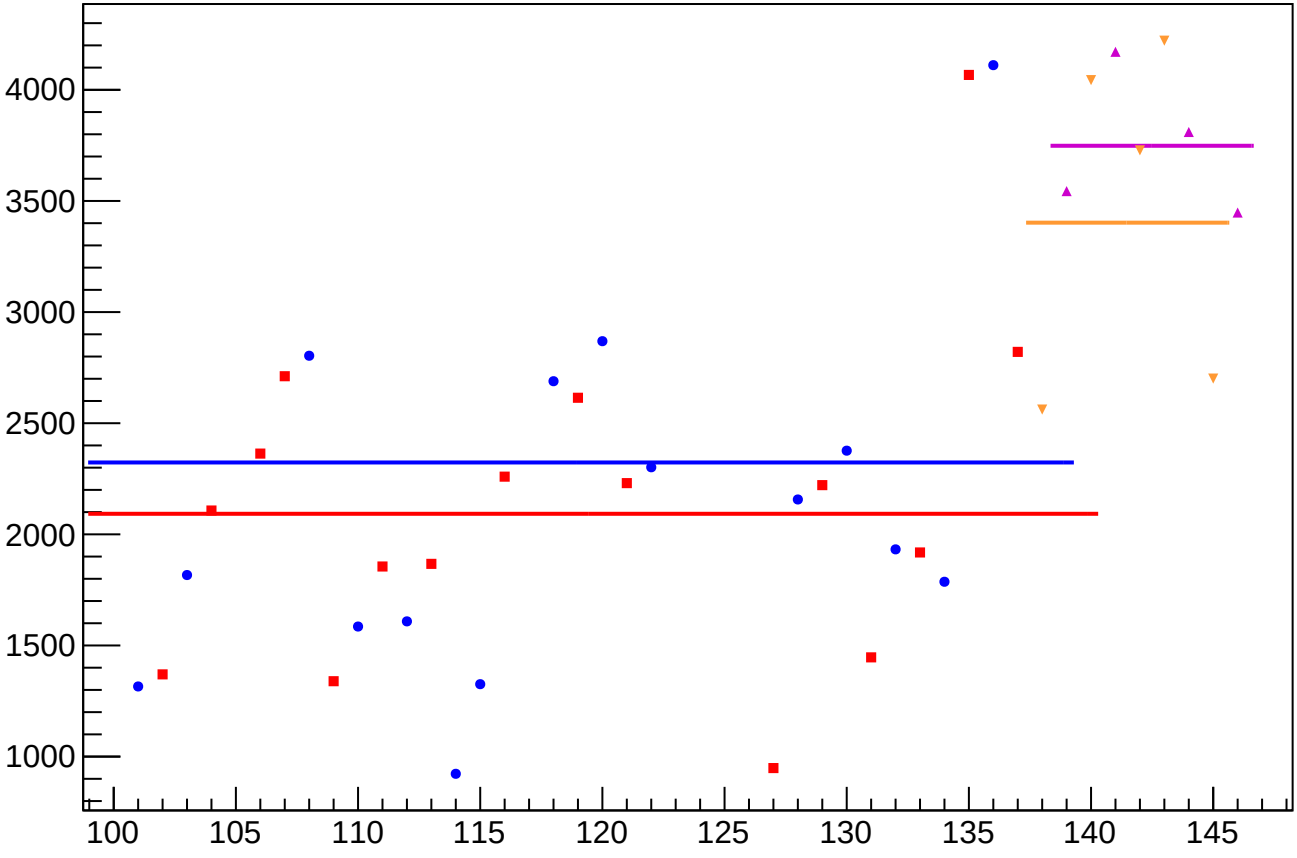
- sign 128.658+/-0.000 χ^2/NDF: 193982209080785

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

+ sign 2704.192+/-0.000 χ^2/NDF: 9215811088226

Left Out: 3402.362+/-0.000 χ^2/NDF:178535071958697132787345947900432613376.0/4

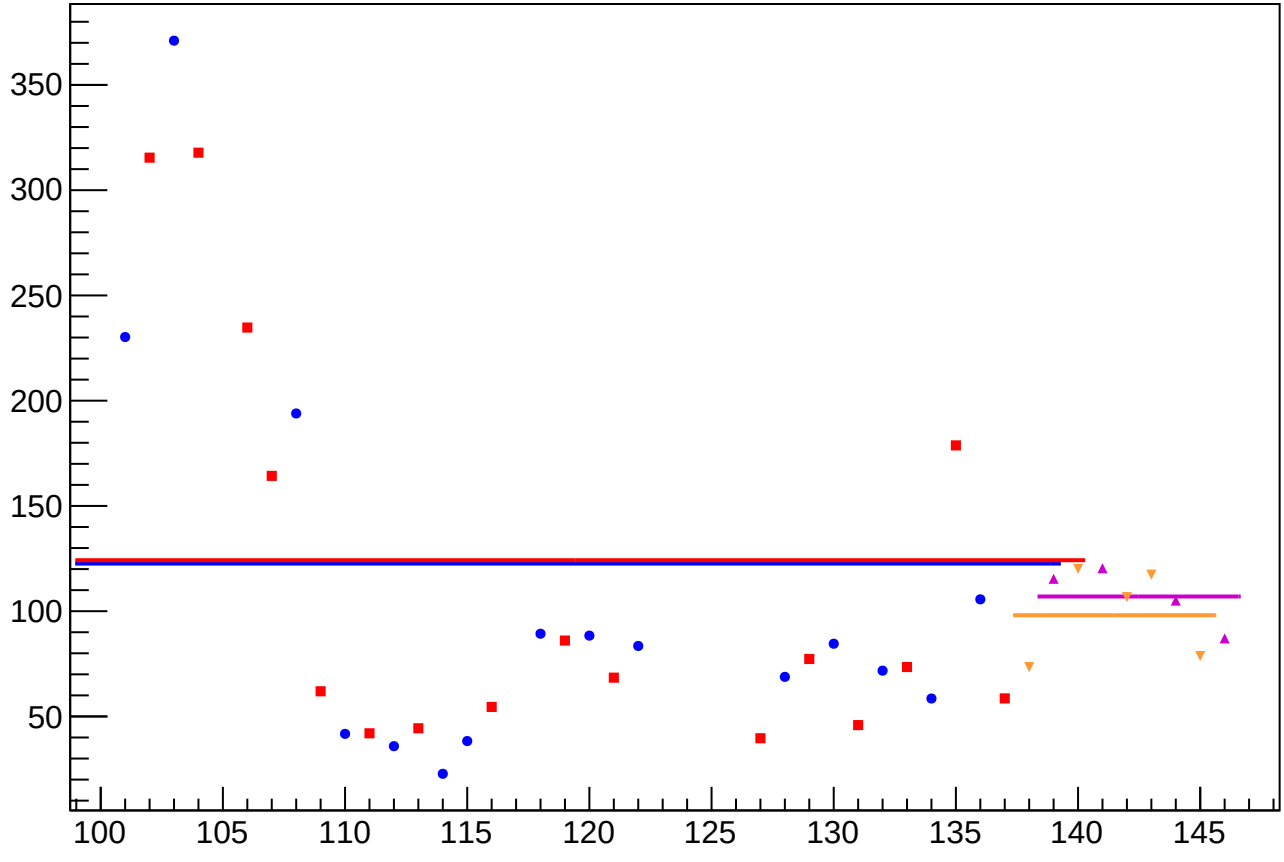
All: 2676.749+/-0.000 χ^2/NDF: 1931703408

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

- sign 2649.360+/-0.000 χ^2/NDF: 10086130031561

Left In: 3748.335+/-0.000 χ^2/NDF:264056800370395068153721047266193571 84.0/3

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

+ sign 113.960+/-0.000 χ^2/NDF: 622149934947689

Left Out: 98.079+/-0.000 χ^2/NDF:1460149366083070536823733497899253 76.0/4

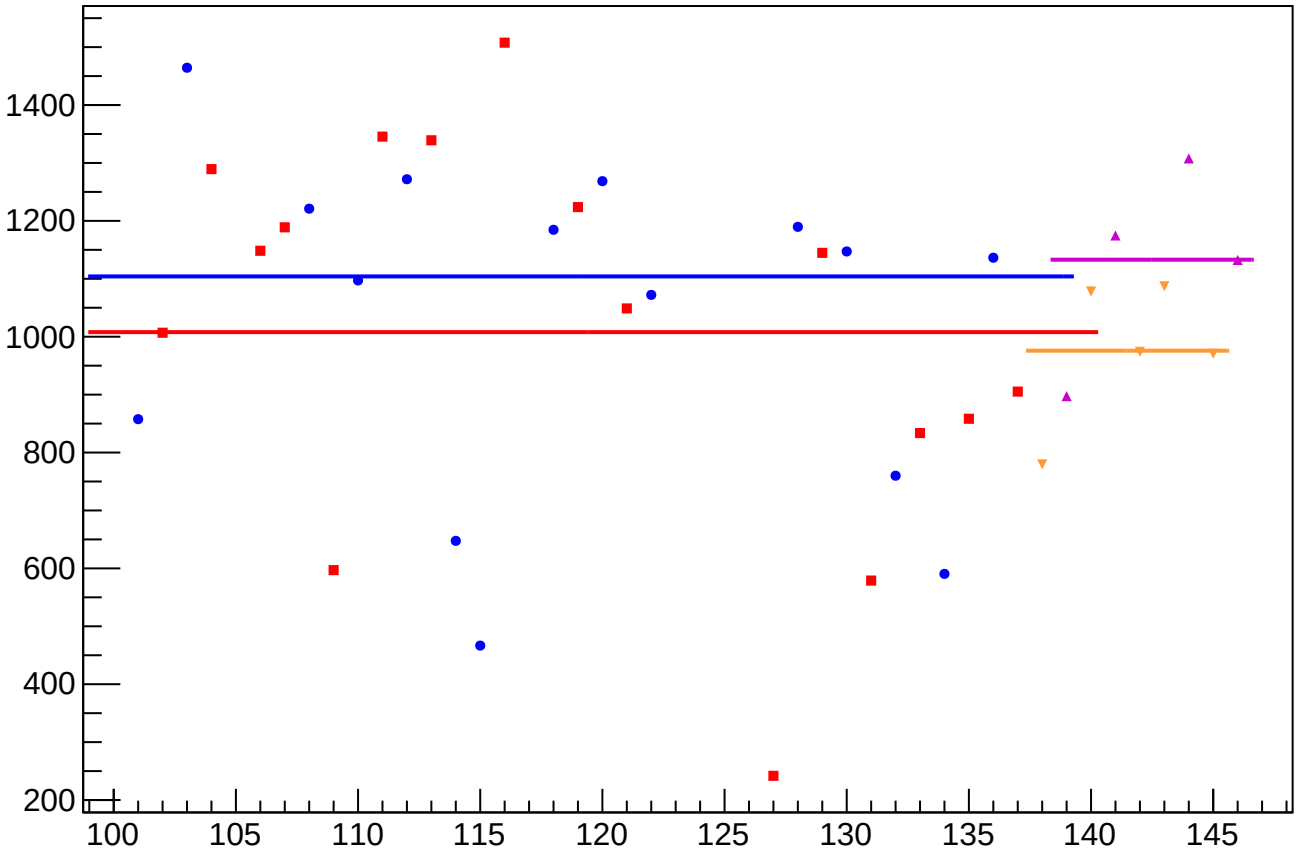
All: 116.191+/-0.000 χ^2/NDF: 129020534232

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

- sign 118.418+/-0.000 χ^2/NDF: 667057426000896

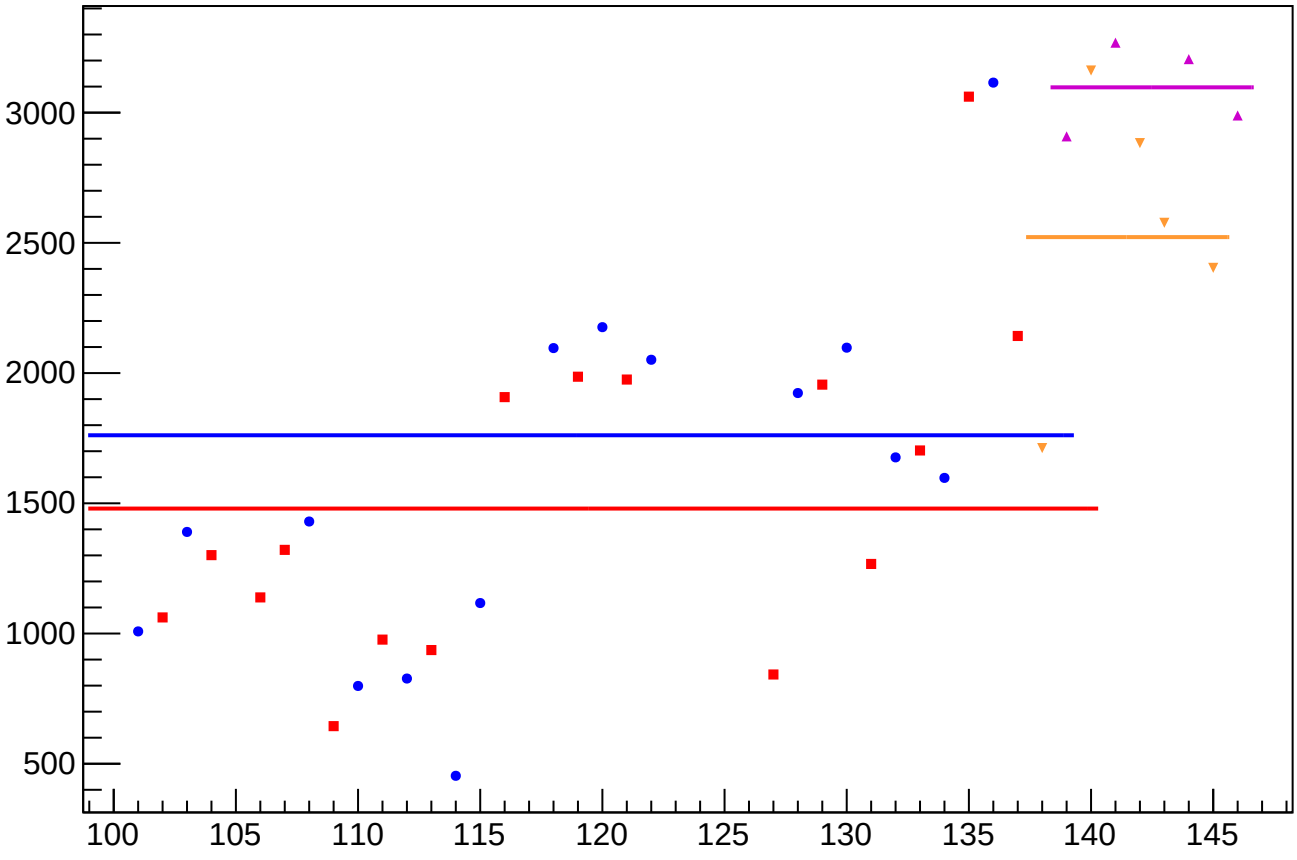
Left In: 106.977+/-0.000 χ^2/NDF:5427604379975181425373290760555724 8.0/3

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 2522.092+/-0.000 χ^2/NDF:9205321080258392980854750507846703513 6.0/4

Right Out: 1479.801+/-0.000 χ^2/NDF: 2634677681347809688325512386092361318 40.0/15

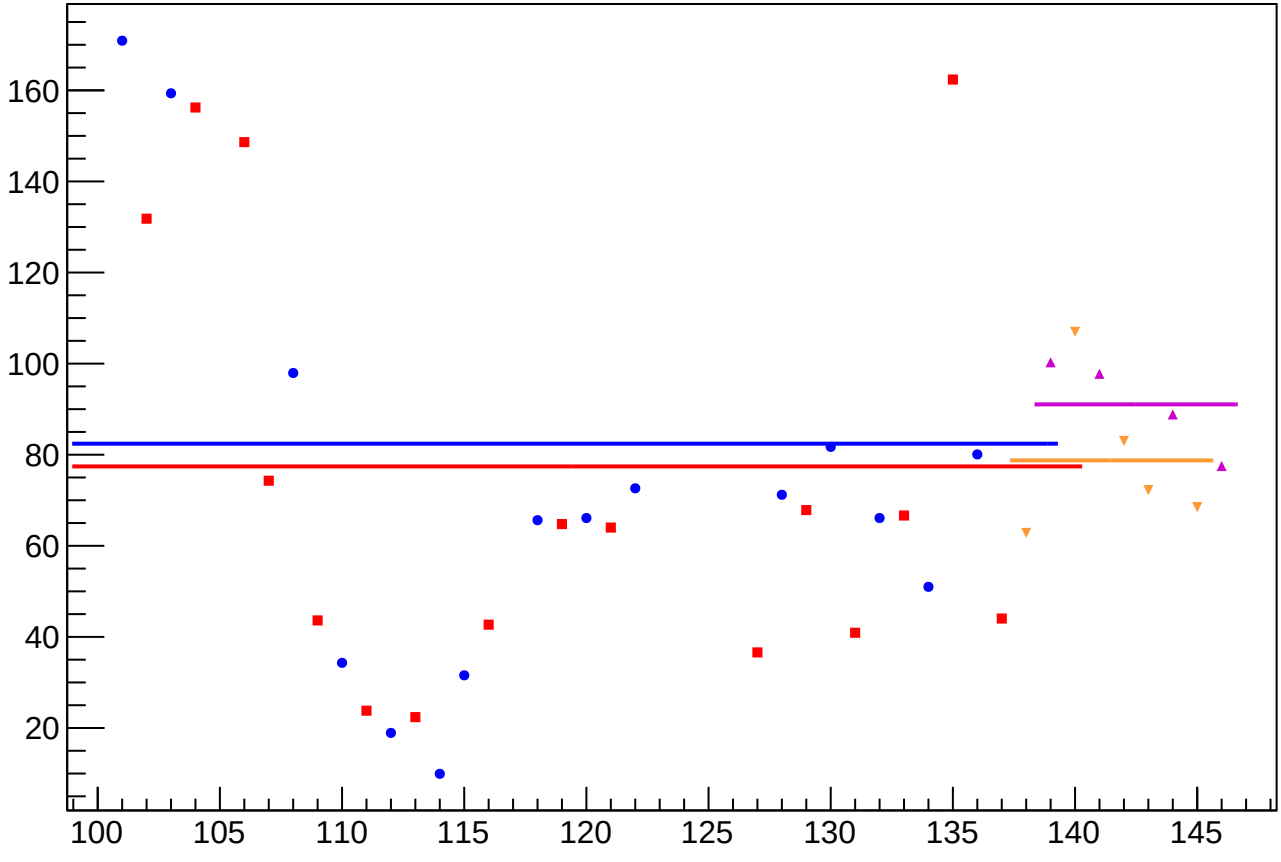
Left In: 3097.141+/-0.000 χ^2/NDF:7384357149575761983980172467742179328.0/3

+ sign 2029.779+/-0.000 χ^2/NDF: 5568594859586 2

All: 2026.758+/-0.000 χ^2/NDF: 1414515552 4

- sign 2023.742+/-0.000 χ^2/NDF: 8576377711742 5

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 81.127+/-0.000 χ^2/NDF: 1364089734121885

Left Out: 78.754+/-0.000 χ^2/NDF:9737453433288245785028239336407040 0.0/4

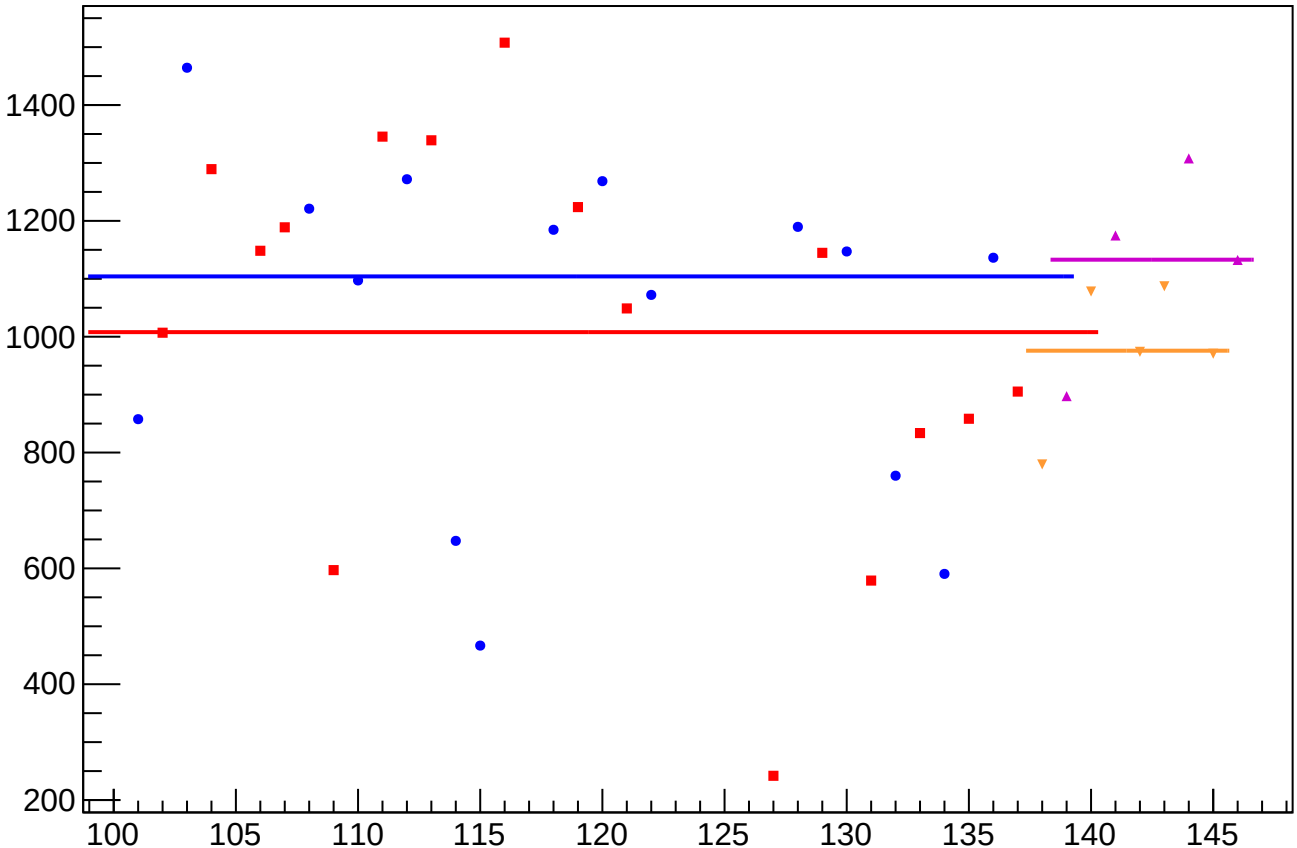
All: 81.570+/-0.000 χ^2/NDF: 2947966364805

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 82.012+/-0.000 χ^2/NDF: 1583483771288625

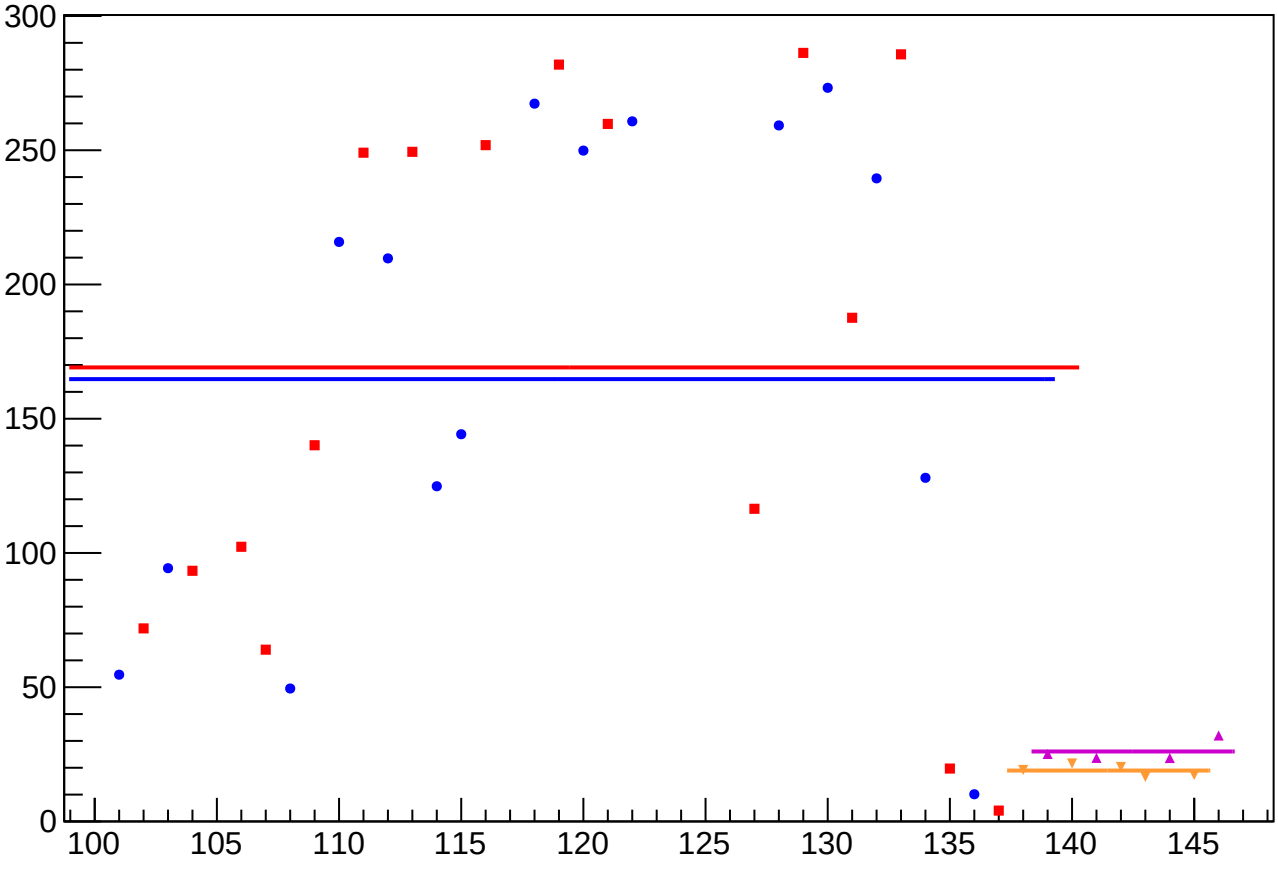
Left In: 91.054+/-0.000 χ^2/NDF:2638765160860837875260845505223065 6.0/3

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1058.841+/-0.000 χ^2/NDF: 4120126694005 6
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
All: 1054.401+/-0.000 χ^2/NDF: 1211933070 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1049.969+/-0.000 χ^2/NDF: 7995252363896 1
Left In: 1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 113.297+/-0.000 χ^2/NDF: 112395171140396

Left Out: 18.964+/-0.000 χ^2/NDF:1249864602505674507701071571320832.0/4

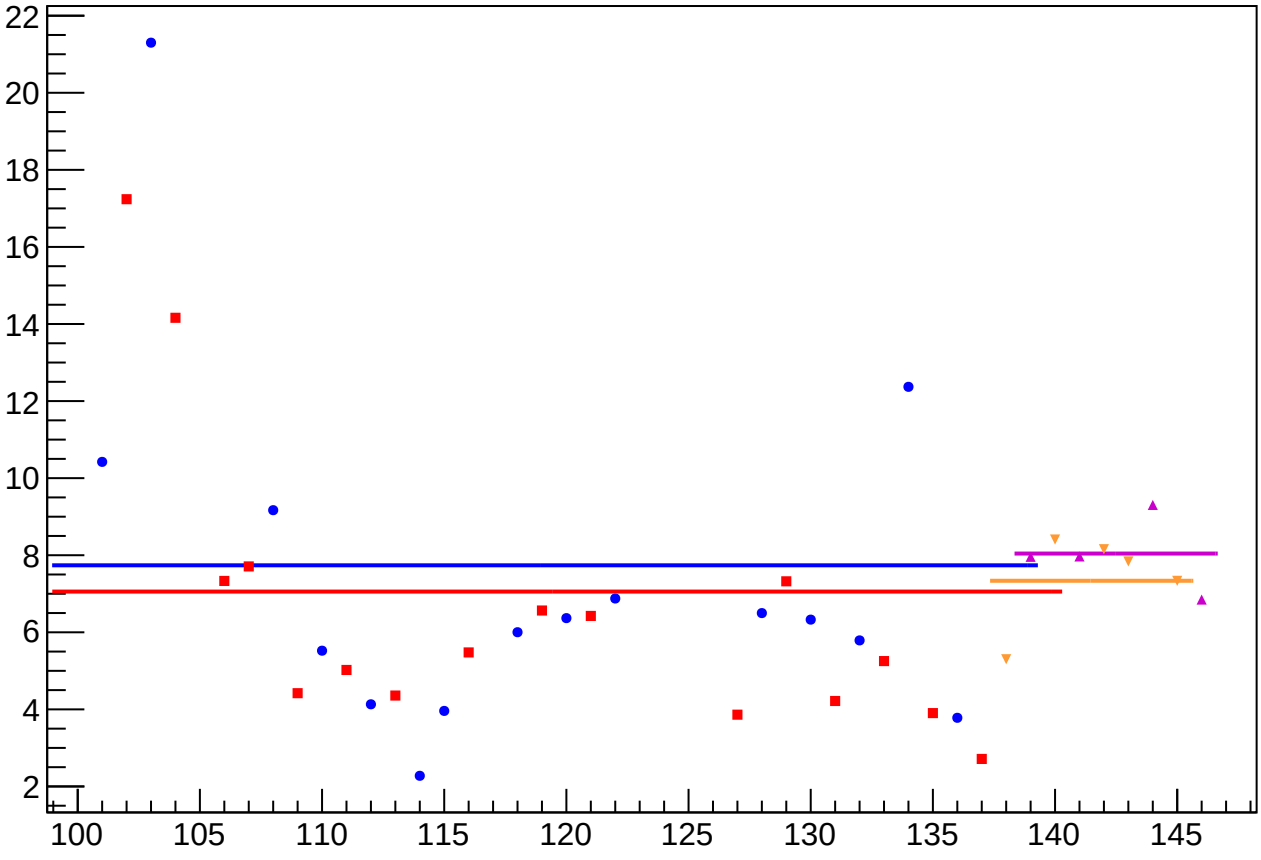
All: 117.151+/-0.000 χ^2/NDF: 219043248797

Right Out: 169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

- sign 120.998+/-0.000 χ^2/NDF: 106350395919935

Left In: 26.059+/-0.000 χ^2/NDF:4020670399352678748767308761530368.0/3

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

+ sign 7.597+/-0.000 χ^2/NDF: 1562919255911685

Left Out: 7.337+/-0.000 χ^2/NDF:46516499744034890369380773999411 2.0/4

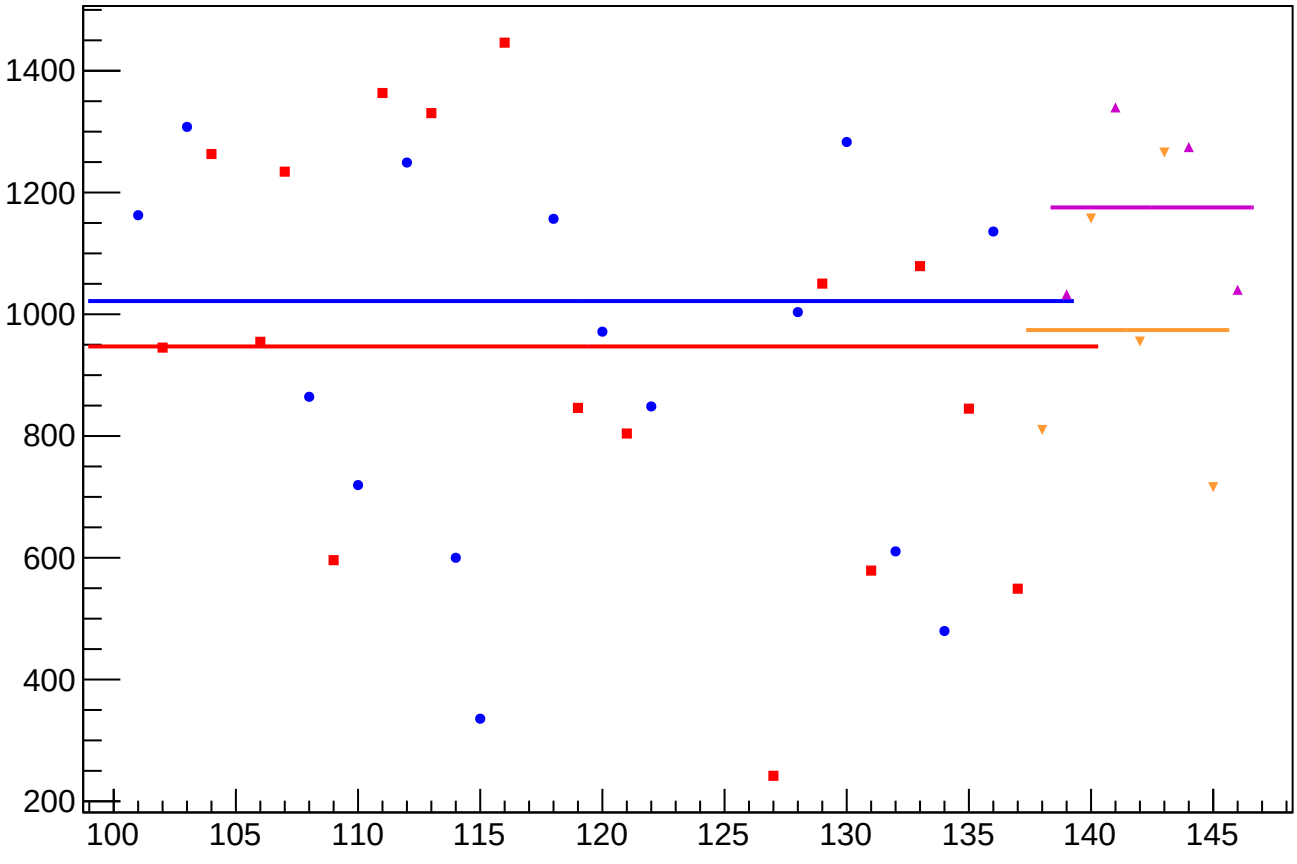
All: 7.493+/-0.000 χ^2/NDF: 2742278102878

Right Out: 7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

- sign 7.389+/-0.000 χ^2/NDF: 11771825128883314

Left In: 8.043+/-0.000 χ^2/NDF:2611423821902306826884627656867 84.0/3

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

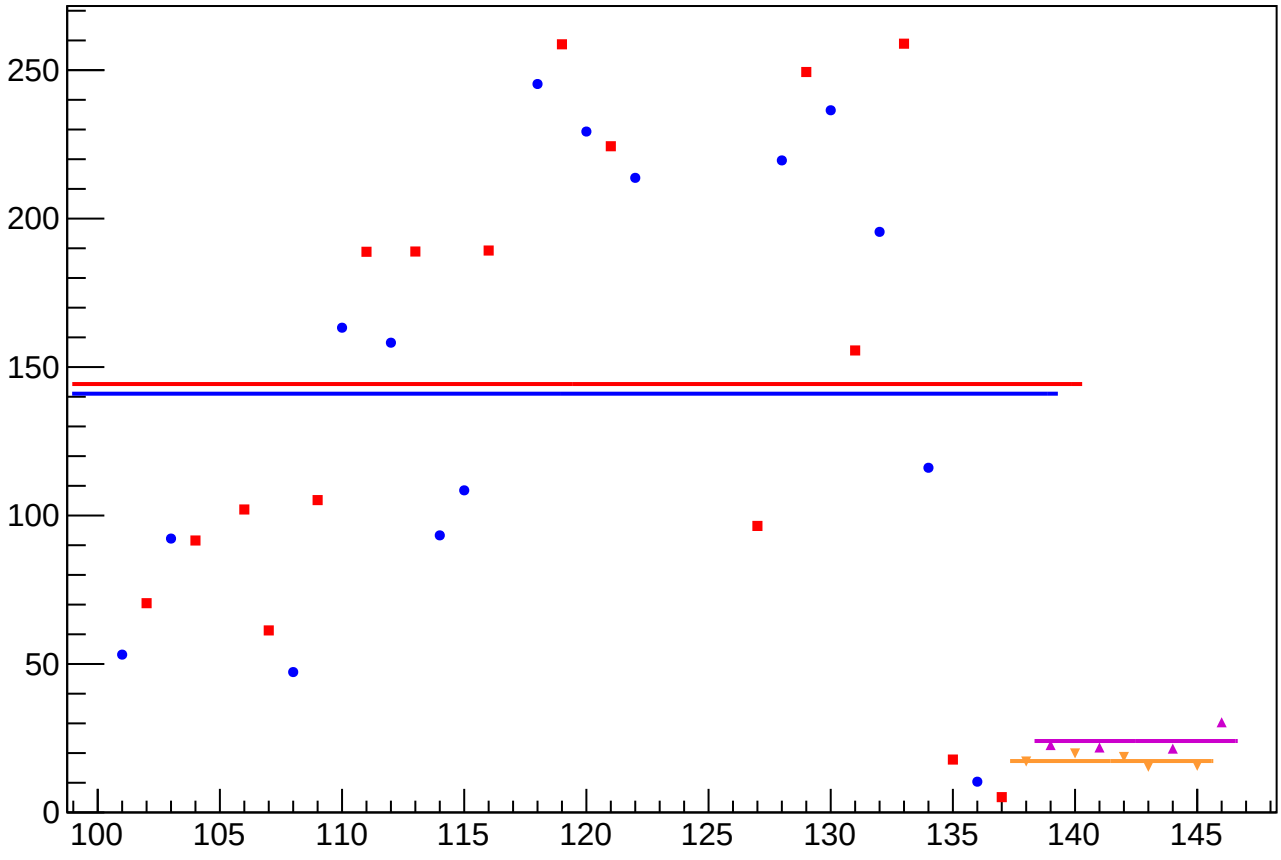
All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

Left Out: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

+ sign 97.368+/-0.000 χ^2/NDF: 8014915364657849

Left Out: 17.317+/-0.000 χ^2/NDF:1090352193639805901540032570720256.0/4

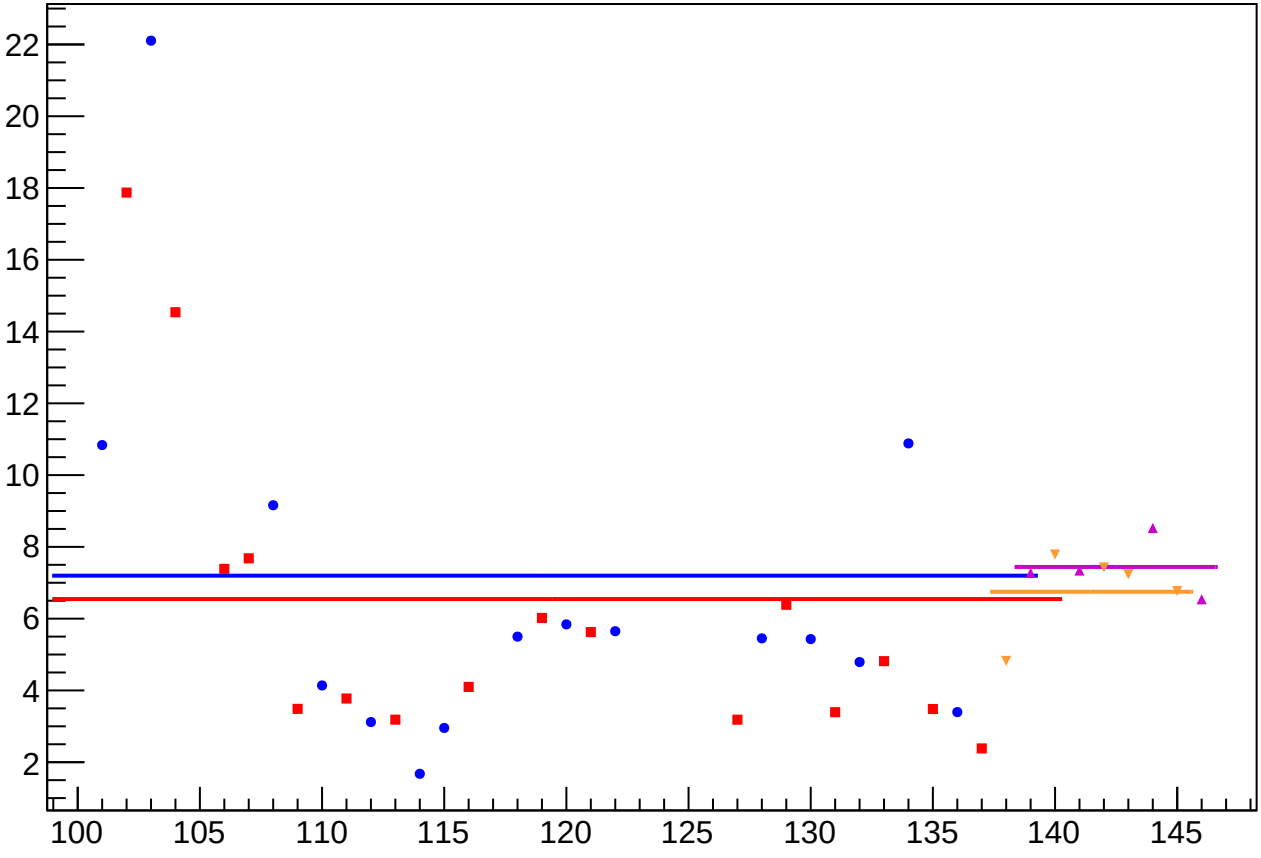
All: 100.612+/-0.000 χ^2/NDF: 15550909867

Right Out: 144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

- sign 103.851+/-0.000 χ^2/NDF: 751489369303969

Left In: 24.063+/-0.000 χ^2/NDF:4440566646692372682800018380292096.0/3

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

+ sign 7.040+/-0.000 χ^2/NDF: 1867355119948373

Left Out: 6.749+/-0.000 χ^2/NDF:4148573399651594512221451552030 72.0/4

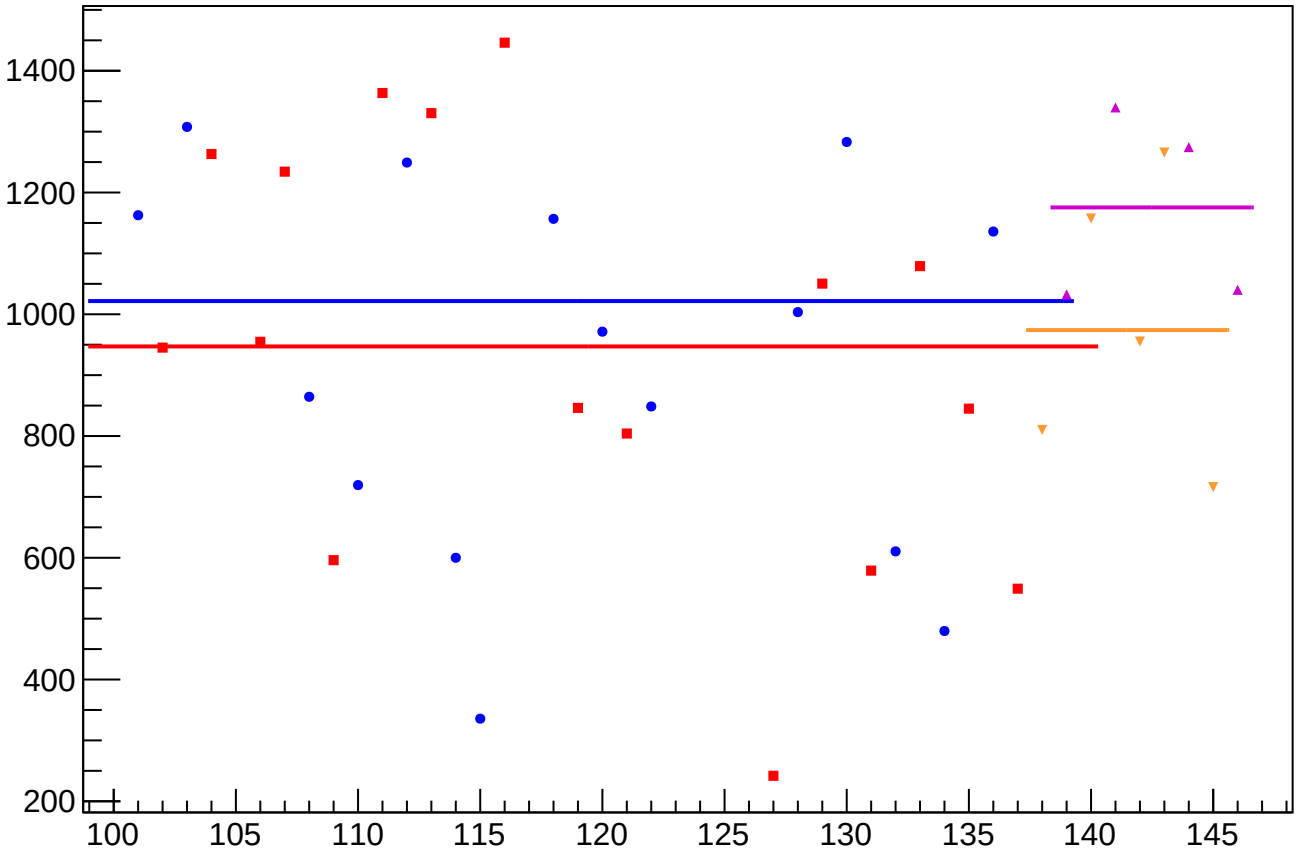
All: 6.943+/-0.000 χ^2/NDF: 3312628419259

Right Out: 6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409459 2.0/15

- sign 6.847+/-0.000 χ^2/NDF: 1443420122236939 5

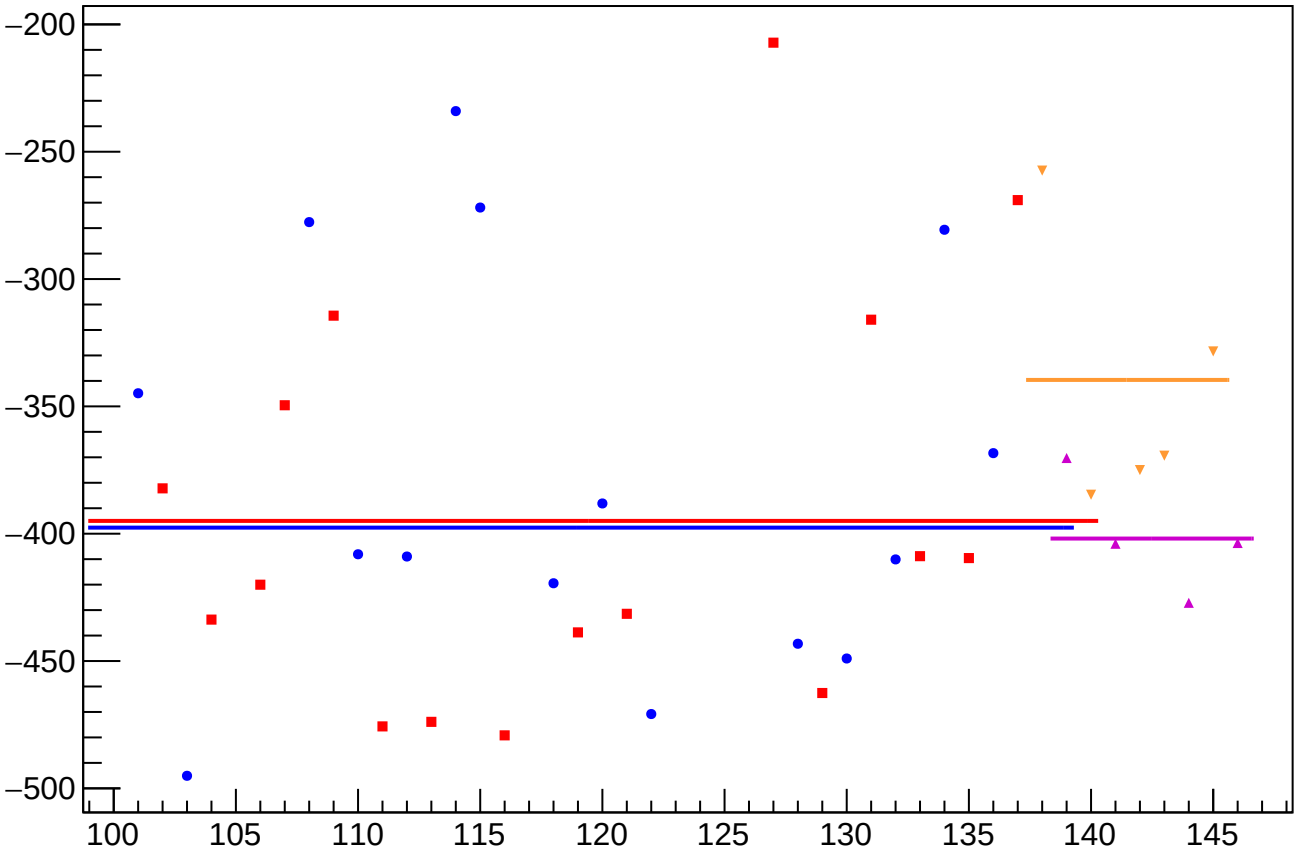
Left In: 7.441+/-0.000 χ^2/NDF:1758238091099730208555864476876 80.0/3

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9
Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4
All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7
Left Out: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

+ sign -377.141+/-0.000 χ^2/NDF: 42527223616123

Left Out: -339.610+/-0.000 χ^2/NDF:8208158036362687233495053677709230 08.0/4

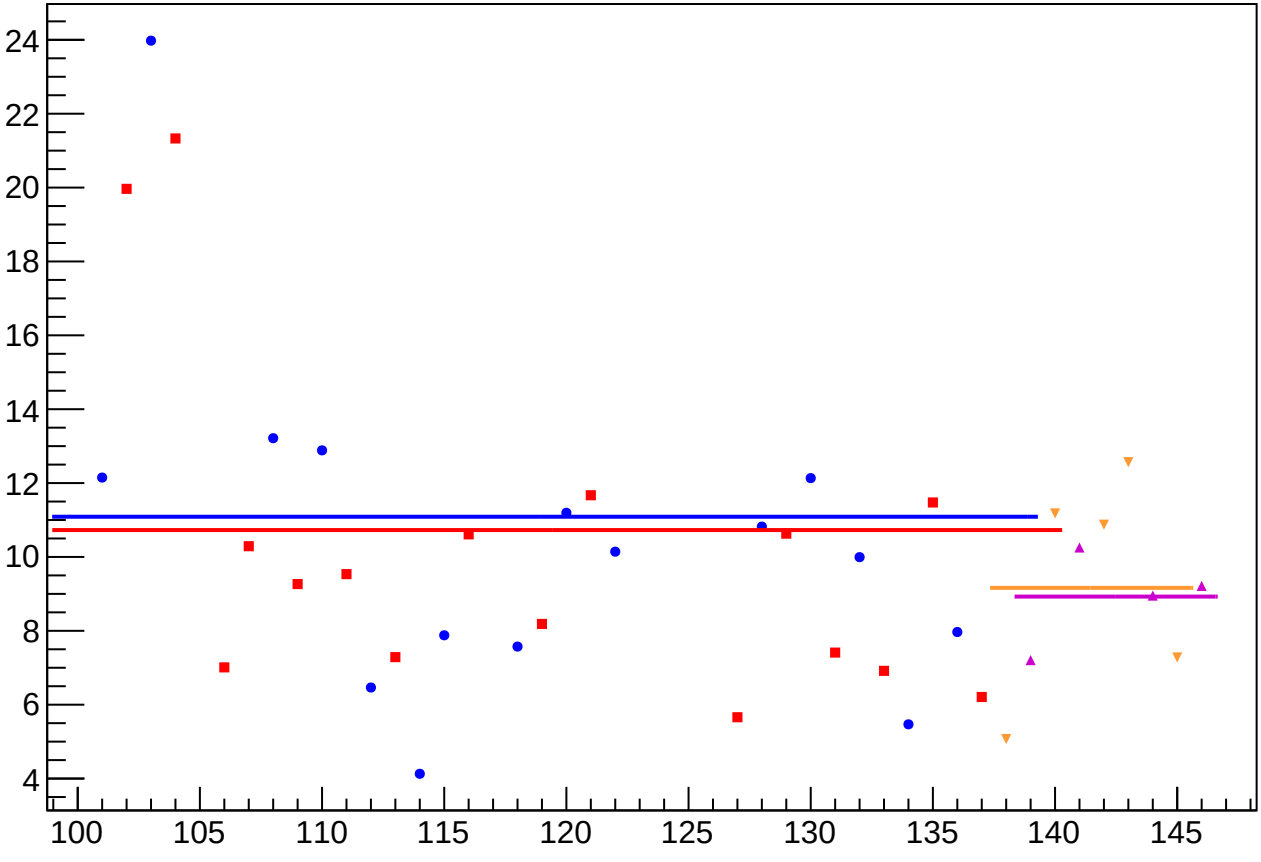
All: -387.233+/-0.000 χ^2/NDF: 8291499757 2

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410 2784.0/15

- sign -397.305+/-0.000 χ^2/NDF: 38346889291802 6

Left In: -401.906+/-0.000 χ^2/NDF:138309583787575426297344498067308544.0/3

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

+ sign 10.409+/-0.000 χ^2/NDF: 1792296440981220

Left Out: 9.163+/-0.000 χ^2/NDF:2837444934473291576343780441194496.0/4

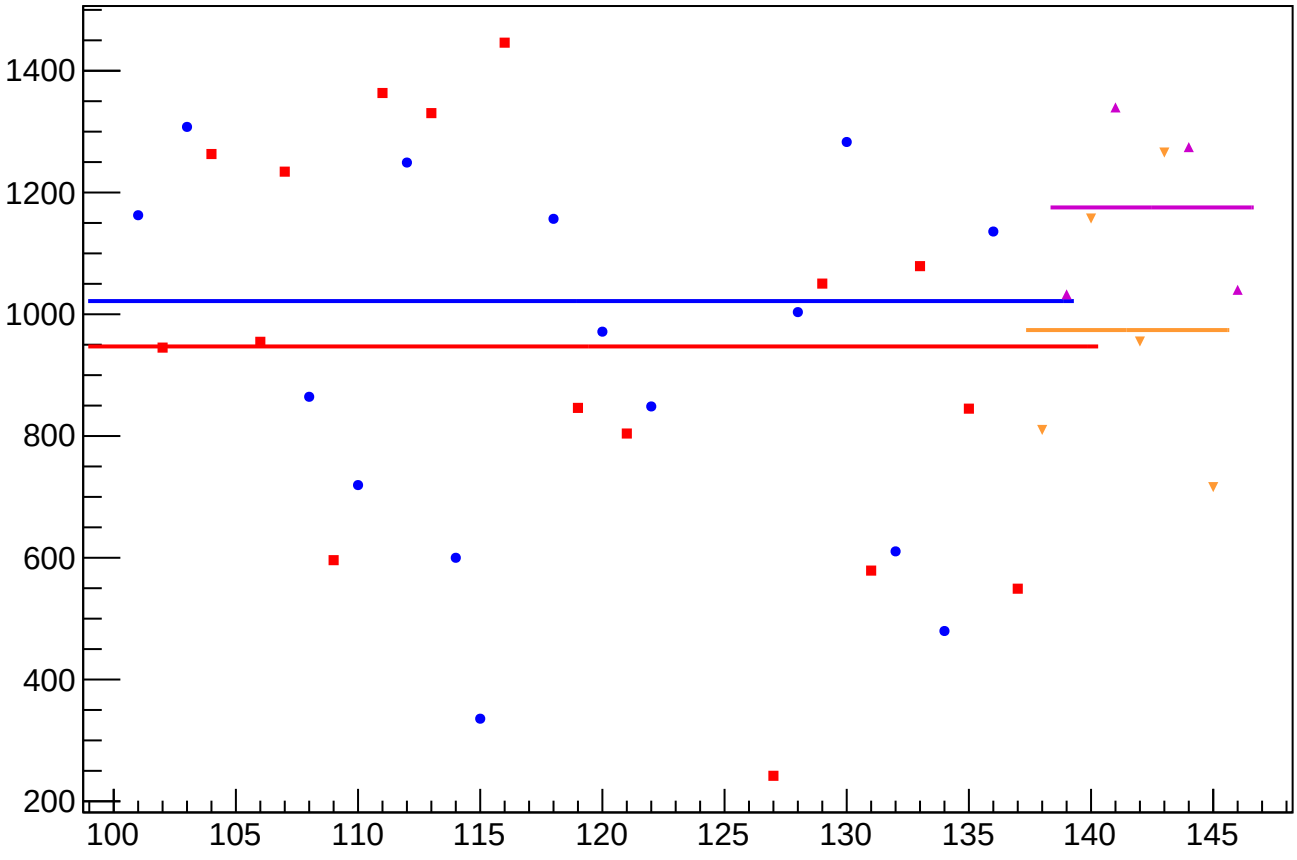
All: 10.265+/-0.000 χ^2/NDF: 338559443052 8

Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

- sign 10.122+/-0.000 χ^2/NDF: 1589157729834993

Left In: 8.927+/-0.000 χ^2/NDF:3968108323300109770178469696634 88.0/3

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

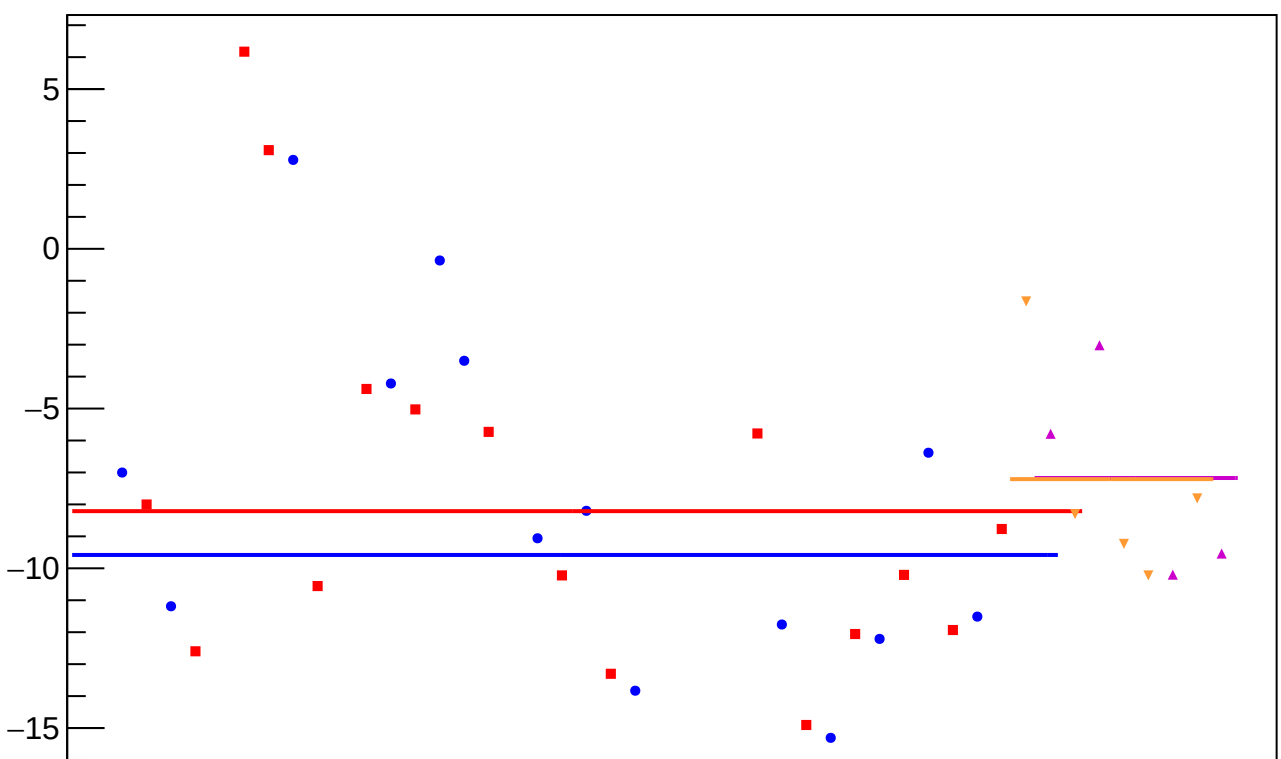
All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

Left Out: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Left Out: -7.208+/-0.000 χ^2/NDF:3339109494079561676056105834250240.0/4

Right Out: -8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

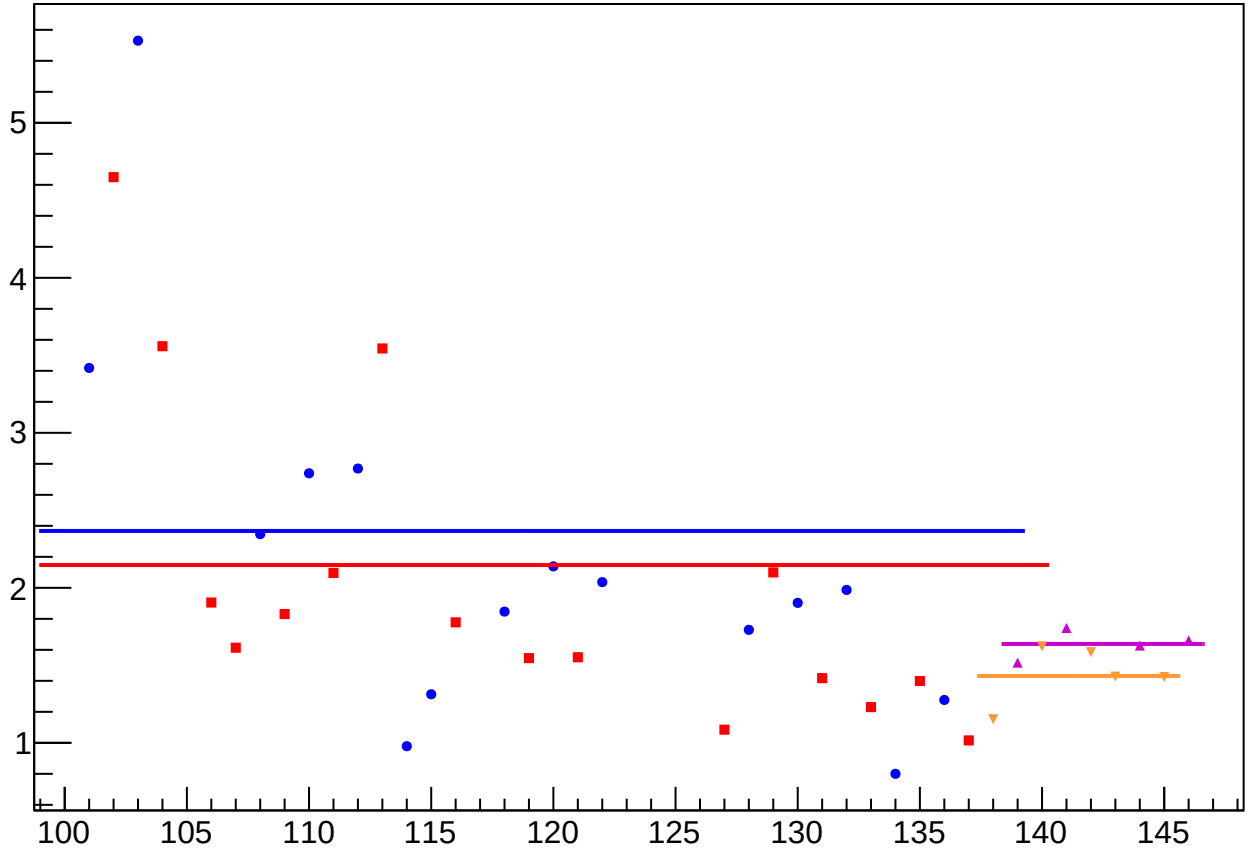
Left In: -7.174+/-0.000 χ^2/NDF:2901286614201537597988397513703424.0/3

+ sign -8.744+/-0.000 χ^2/NDF: 1933232270552568

All: -8.303+/-0.000 χ^2/NDF: 411699149890 1

- sign -7.862+/-0.000 χ^2/NDF: 2144697676994530 3

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.431+/-0.000 χ^2/NDF:10139905586181466592896507445248.0/4

Right Out: 2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

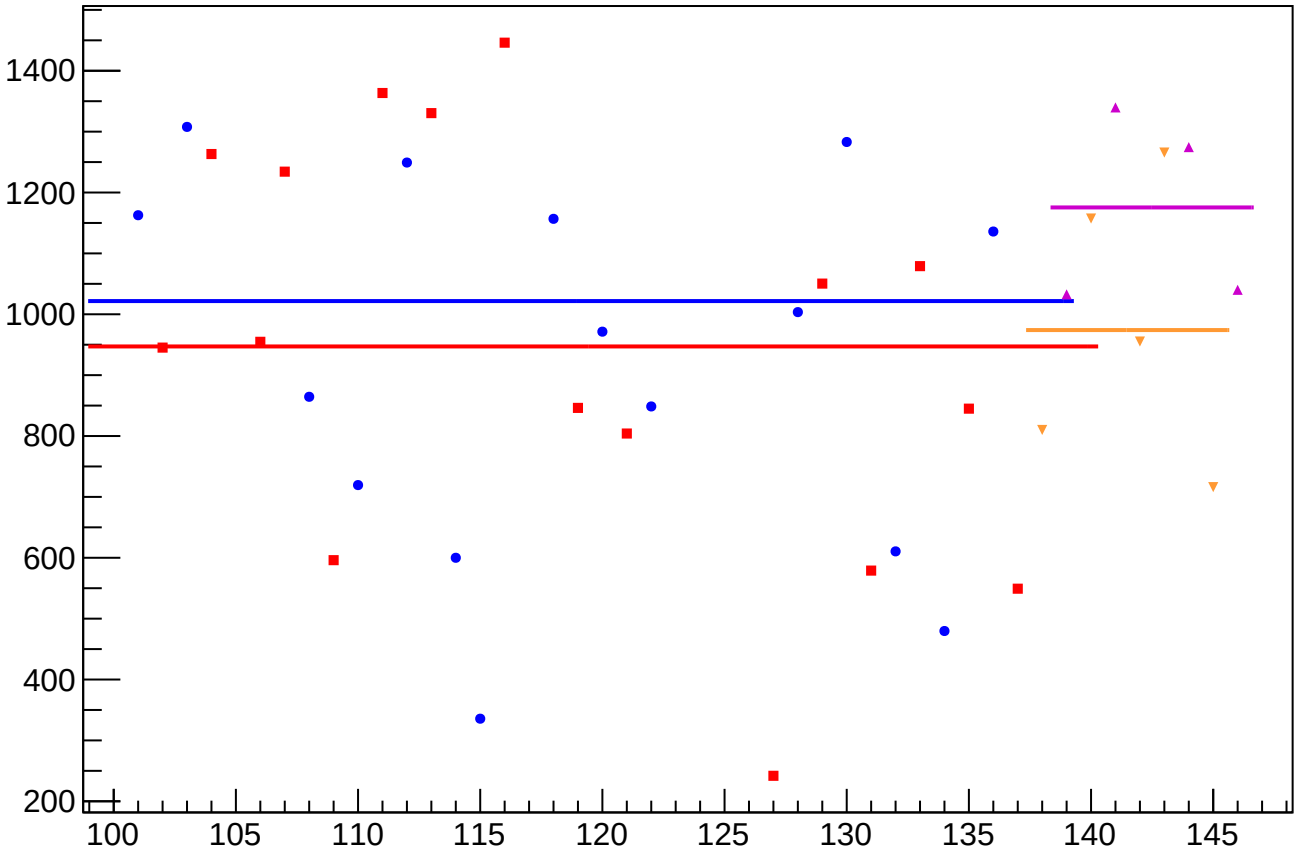
Left In: 1.638+/-0.000 χ^2/NDF:2134045175524868416853451472896.0/3

+ sign 2.037+/-0.000 χ^2/NDF: 1131248240391497 8

All: 2.006+/-0.000 χ^2/NDF: 1957576967202 0

- sign 1.976+/-0.000 χ^2/NDF: 8244650482925965 7

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

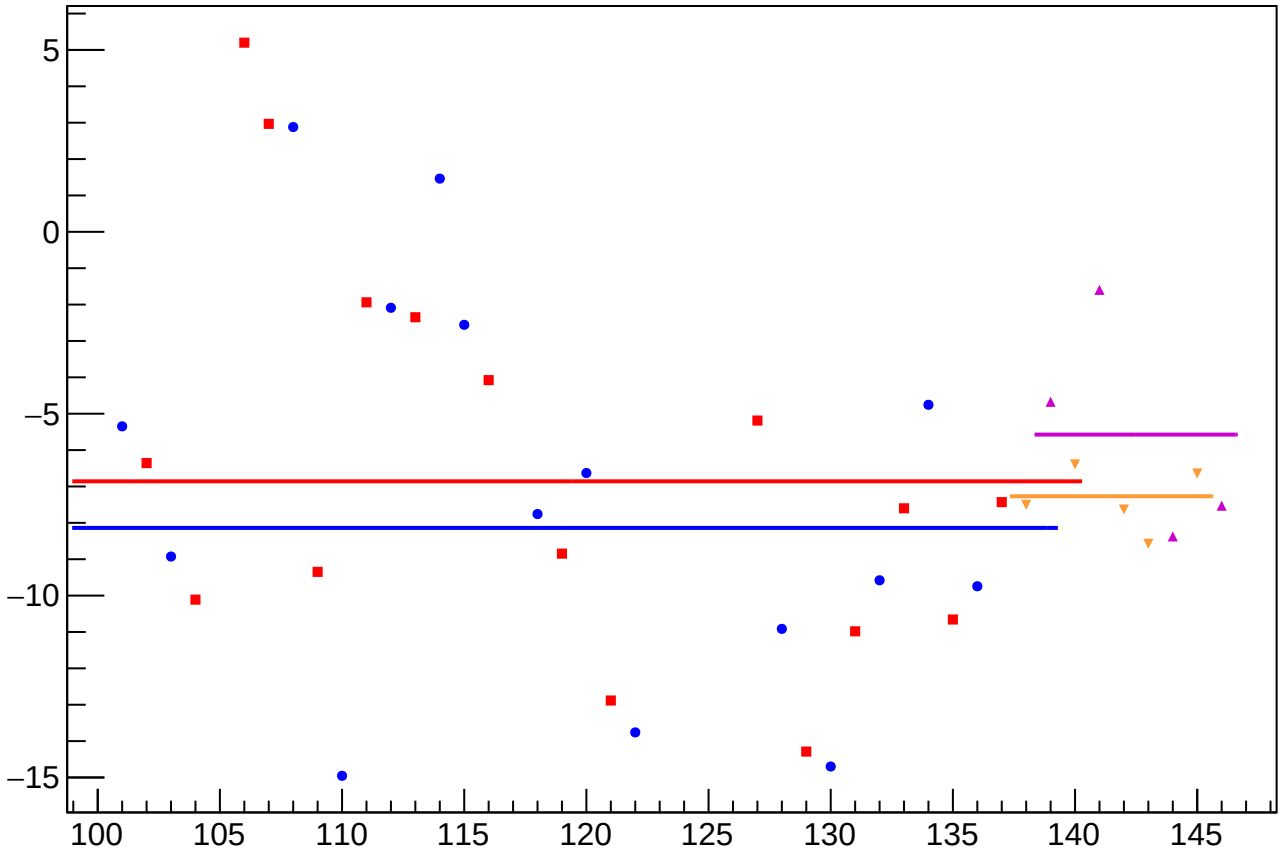
All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

Left Out: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Left Out: -7.270+/-0.000 χ^2/NDF:2194775790811958840812560460021 76.0/4

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307 9808.0/15

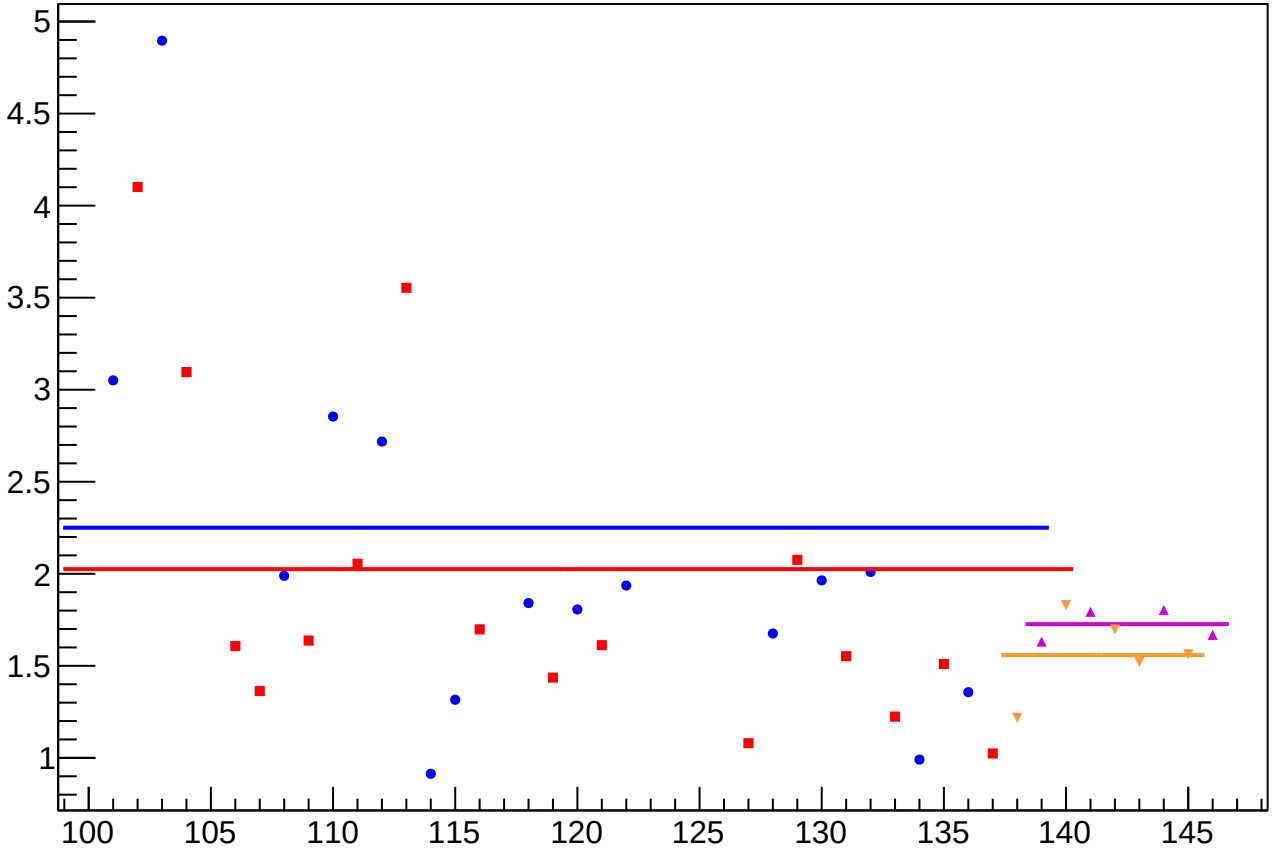
Left In: -5.574+/-0.000 χ^2/NDF:2425881516440443180454577918967808.0/3

+ sign -7.832+/-0.000 χ^2/NDF: 1506891675905375

All: -7.129+/-0.000 χ^2/NDF: 3534040155687

- sign -6.427+/-0.000 χ^2/NDF: 1927981959715070 5

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Left Out: 1.558+/-0.000 χ^2/NDF:160494692376483374350884153589 76.0/4

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

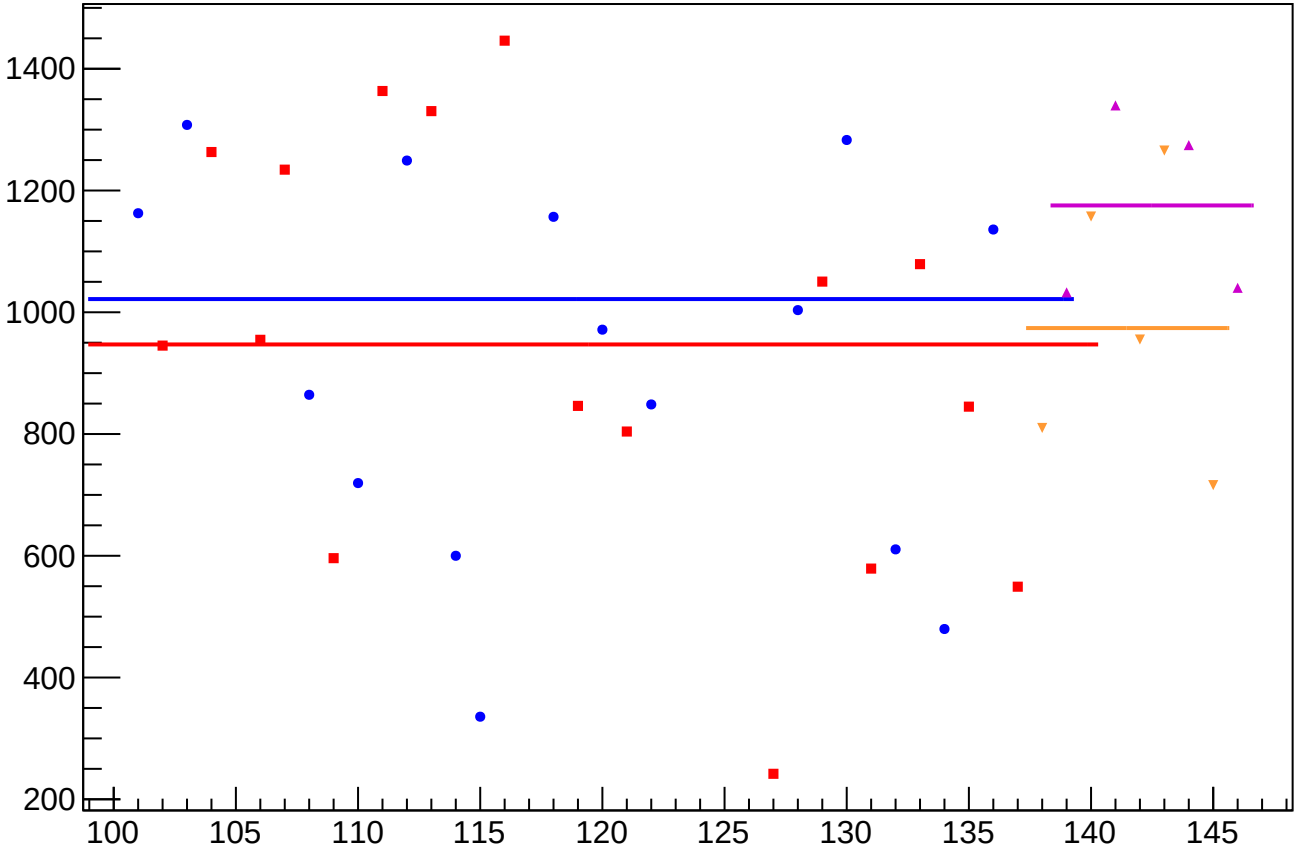
Left In: 1.726+/-0.000 χ^2/NDF:191392457789326460793384442265 6.0/3

+ sign 2.006+/-0.000 χ^2/NDF: 7826210195416048 8

All: 1.965+/-0.000 χ^2/NDF: 1386610290862 8

- sign 1.925+/-0.000 χ^2/NDF: 6006776565459836 0

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

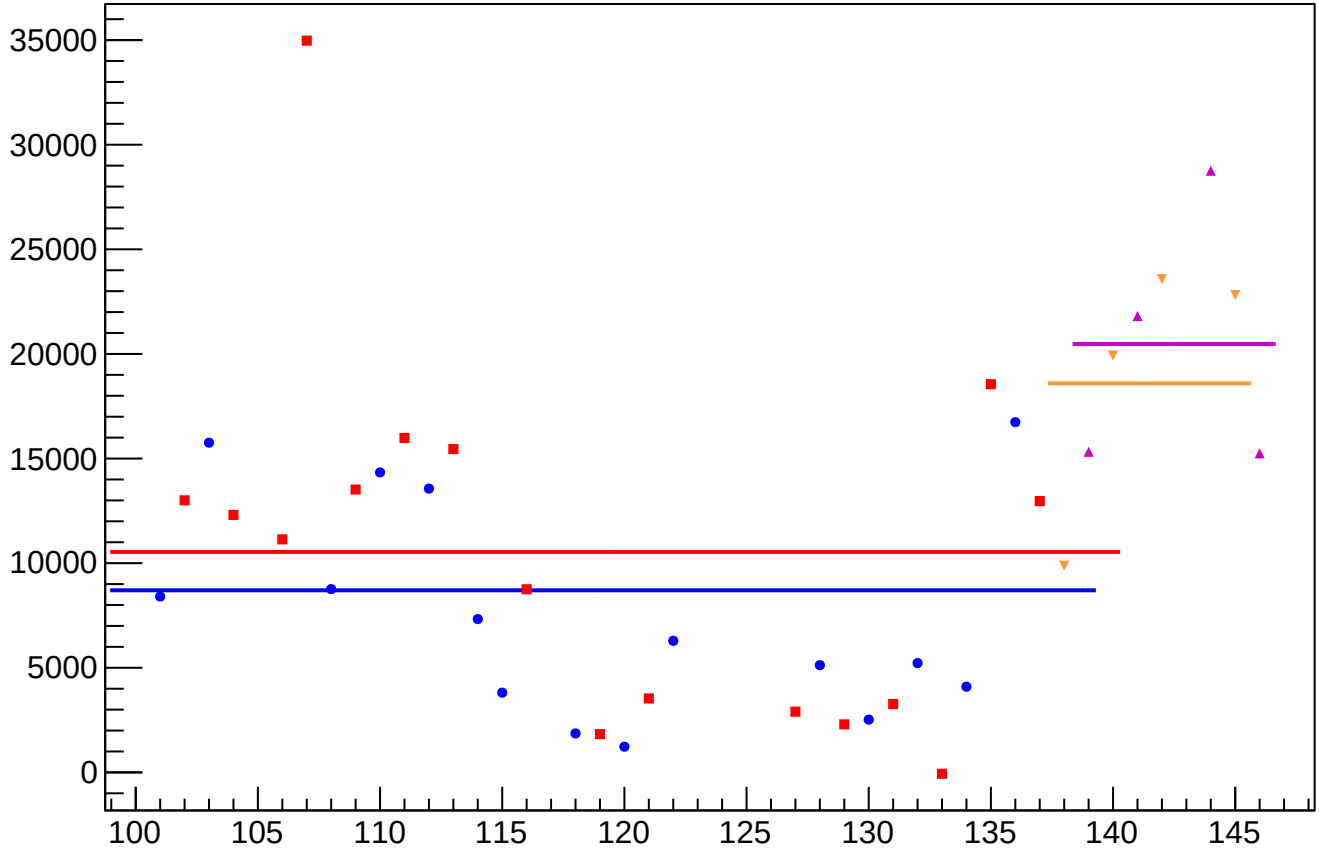
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

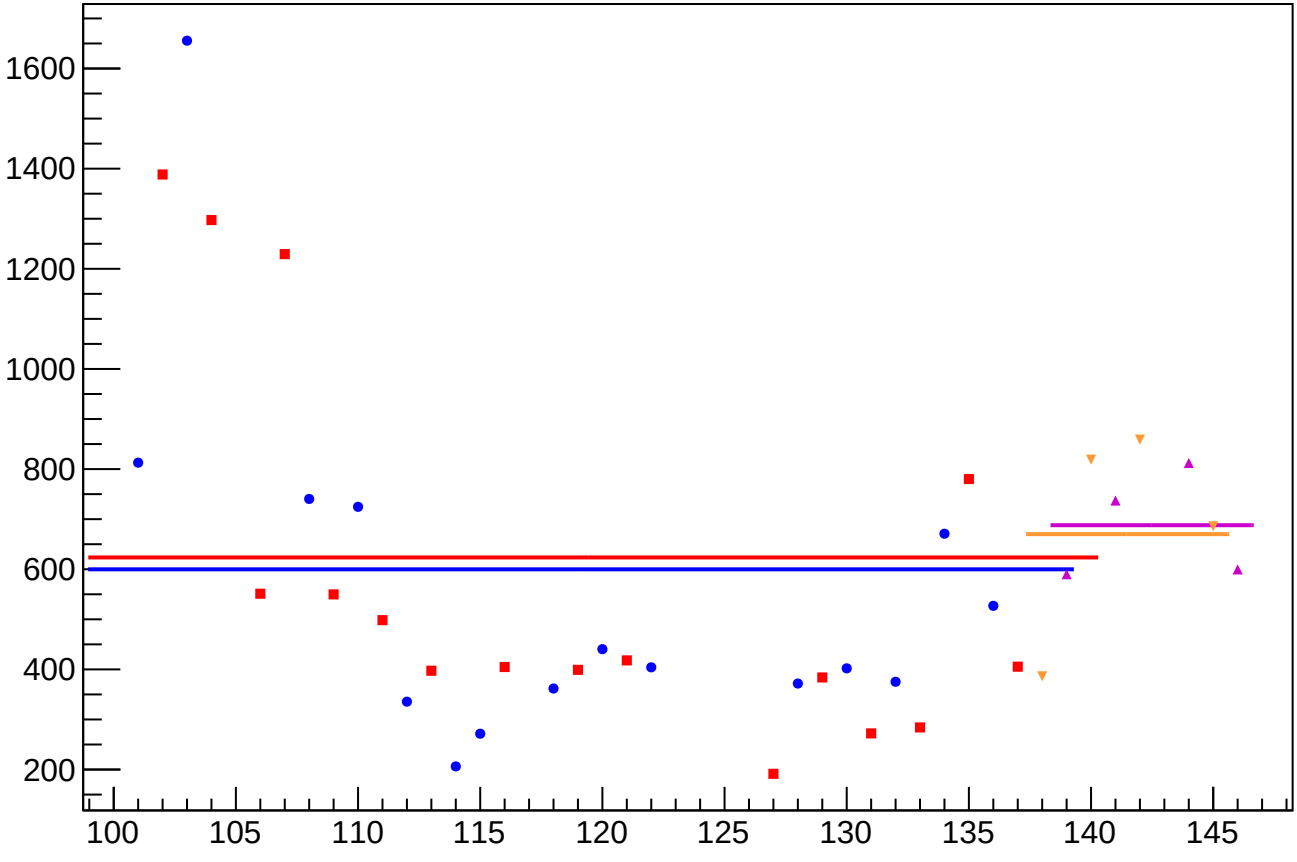
Left In: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

dit_usl_coil7_mean vs Slug



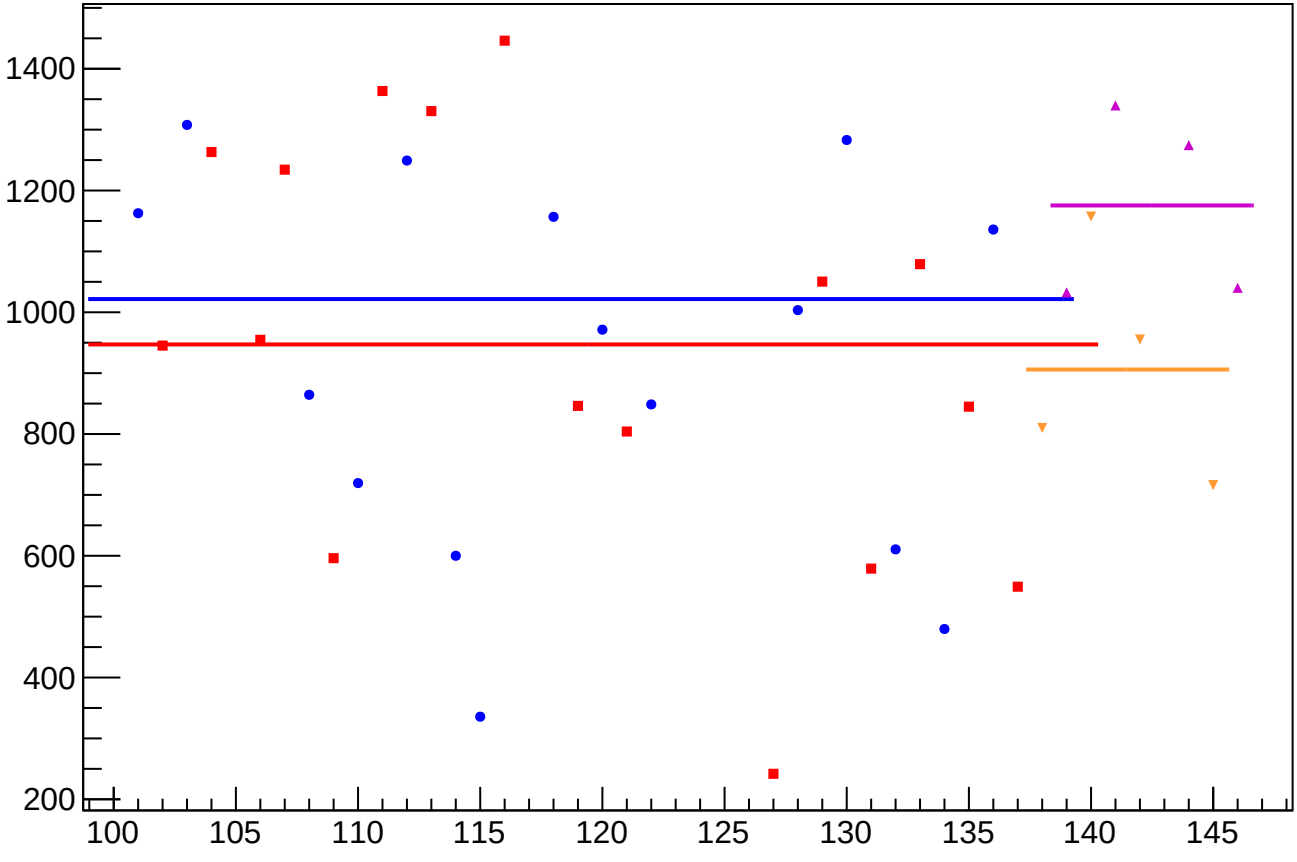
Right In: 8703.332+/-0.000 χ^2/NDF: 1950113306730842685953630450081919192268 8.0/14
+ sign 11736.315+/-0.000 χ^2/NDF: 476265680280 4
Left Out: 18594.873+/-0.000 χ^2/NDF:865486763909151278951086237434222372454 4.0/3
All: 12846.669+/-0.000 χ^2/NDF: 1288995983
Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15
- sign 13880.790+/-0.000 χ^2/NDF: 7904429623797
Left Out: 18594.873+/-0.000 χ^2/NDF:865486763909151278951086237434222372454 4.0/3
Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15
Left In: 20474.743+/-0.000 χ^2/NDF:1067399484311389596535093270755308837273 6.0/3

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14
+ sign 621.393+/-0.000 χ^2/NDF: 100003639673602
Left Out: 670.110+/-0.000 χ^2/NDF:9762314580064223986080720250940162048.0/3
All: 633.728+/-0.000 χ^2/NDF: 20566081160 5
Right Out: 623.569+/-0.000 χ^2/NDF: 10144884547929760304415261812687949 0048.0/15
- sign 645.216+/-0.000 χ^2/NDF: 105382119367760
Left In: 687.934+/-0.000 χ^2/NDF:3003934531477629677262360708487577600.0/3

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 986.206+/-0.000 χ^2/NDF: 52088607875513 2

Left Out: 905.979+/-0.000 χ^2/NDF:893137732168068276894248871404974899 2.0/3

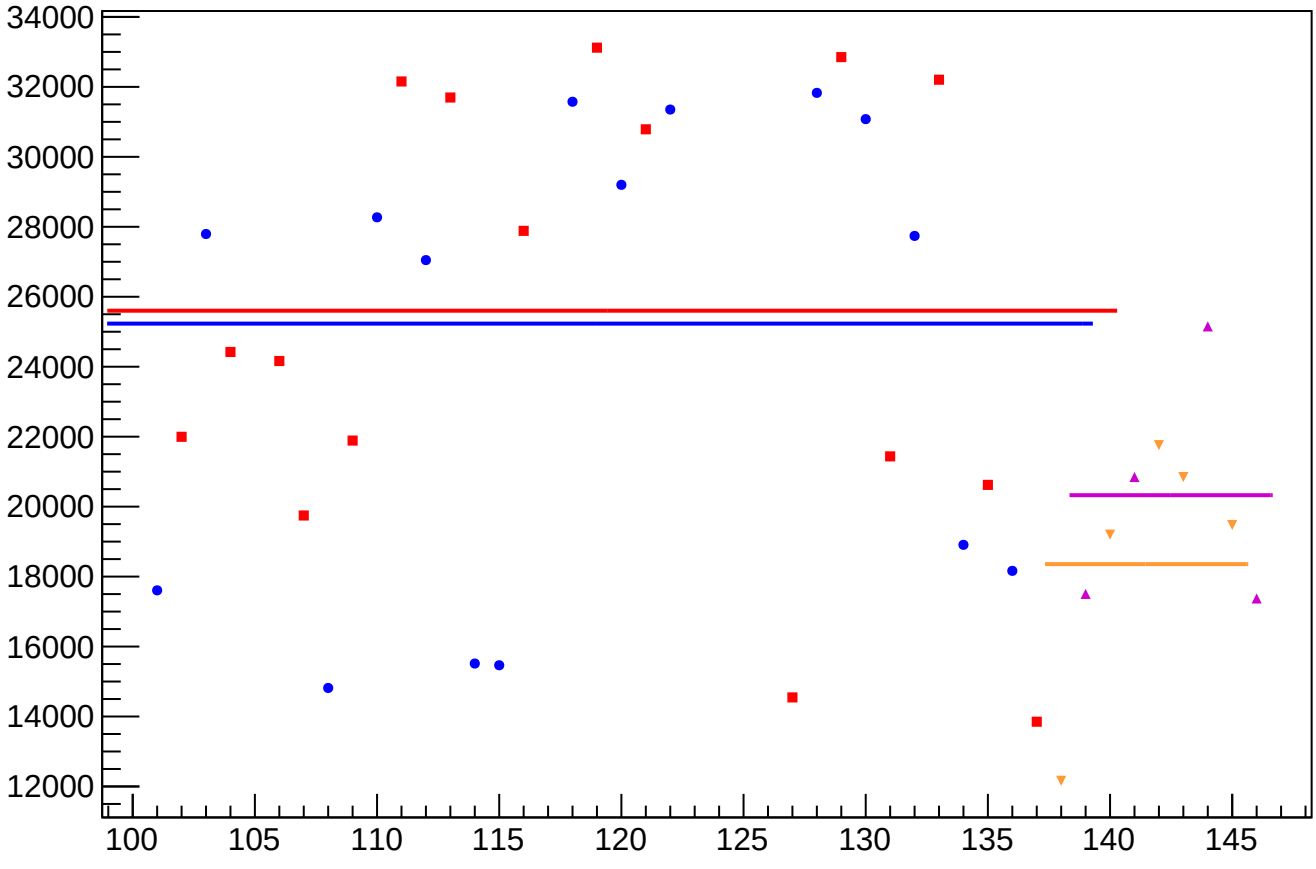
All: 1005.743+/-0.000 χ^2/NDF: 1385981667 2

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

Left In: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Left Out: 18356.079+/-0.000 χ^2/NDF:4099954384046490755893019675922383503360.0/4

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

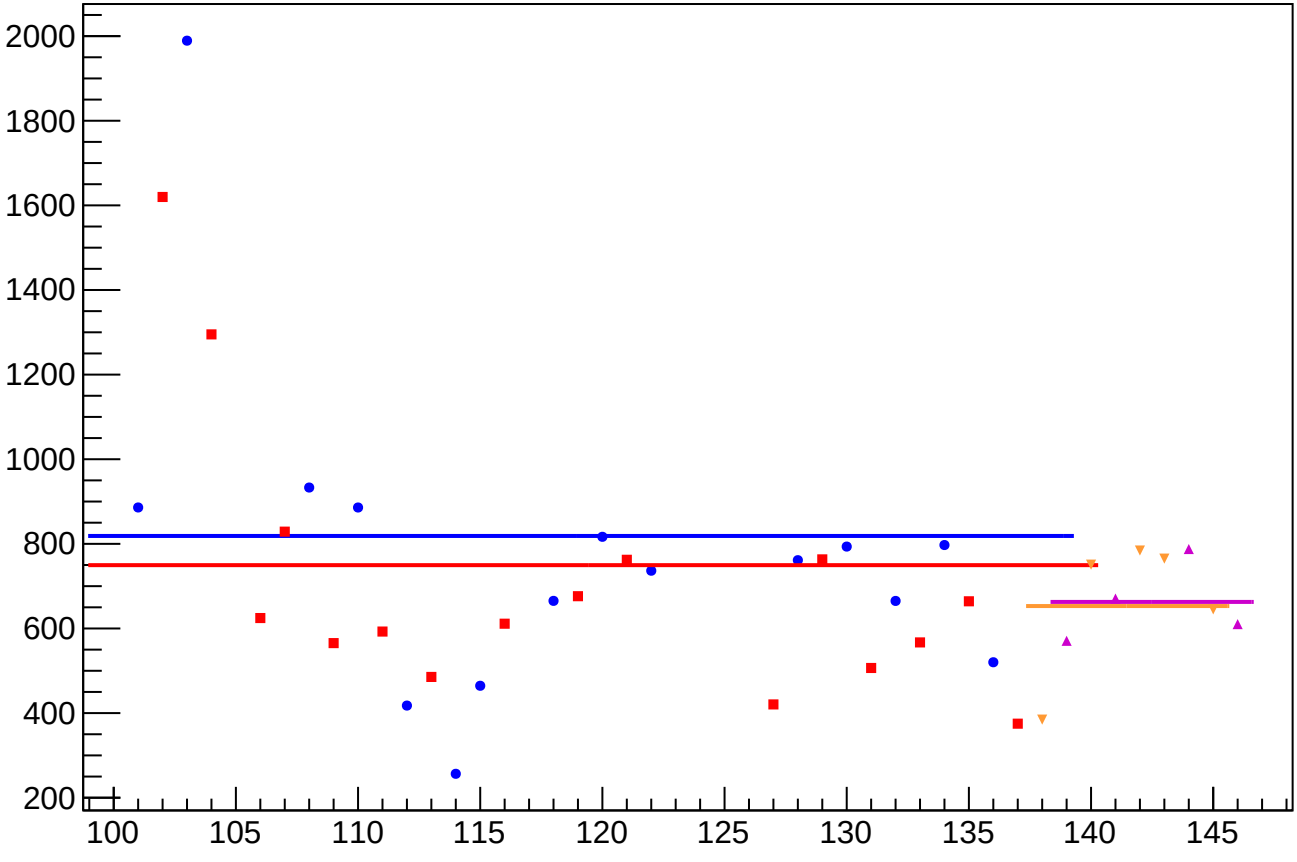
Left In: 20327.221+/-0.000 χ^2/NDF:3464130717094535629752626872769411284992.0/3

+ sign 22805.352+/-0.000 χ^2/NDF: 3946476768344

All: 23316.980+/-0.000 χ^2/NDF: 7405322476

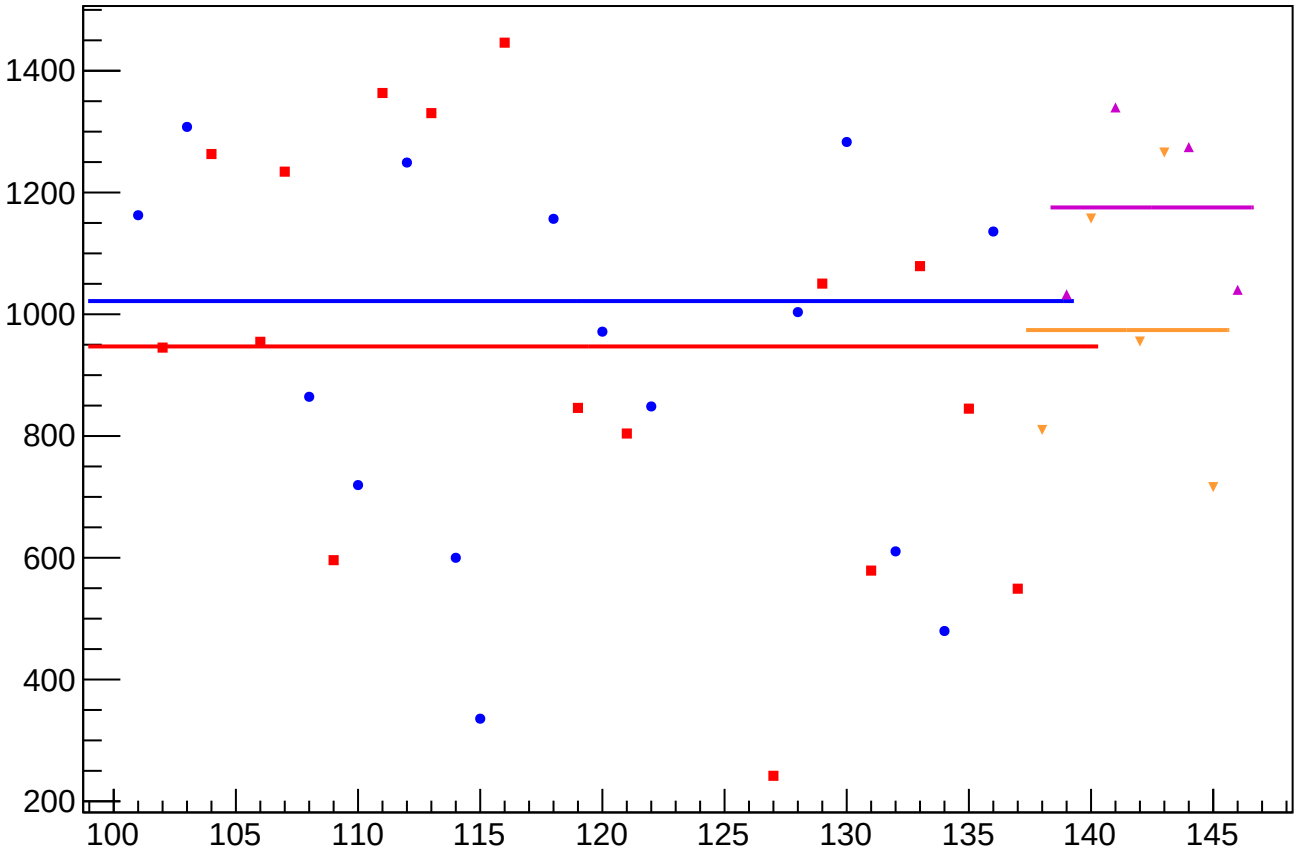
- sign 23827.589+/-0.000 χ^2/NDF: 3406388412857

dit_usr_coil7_err_mean vs Slug



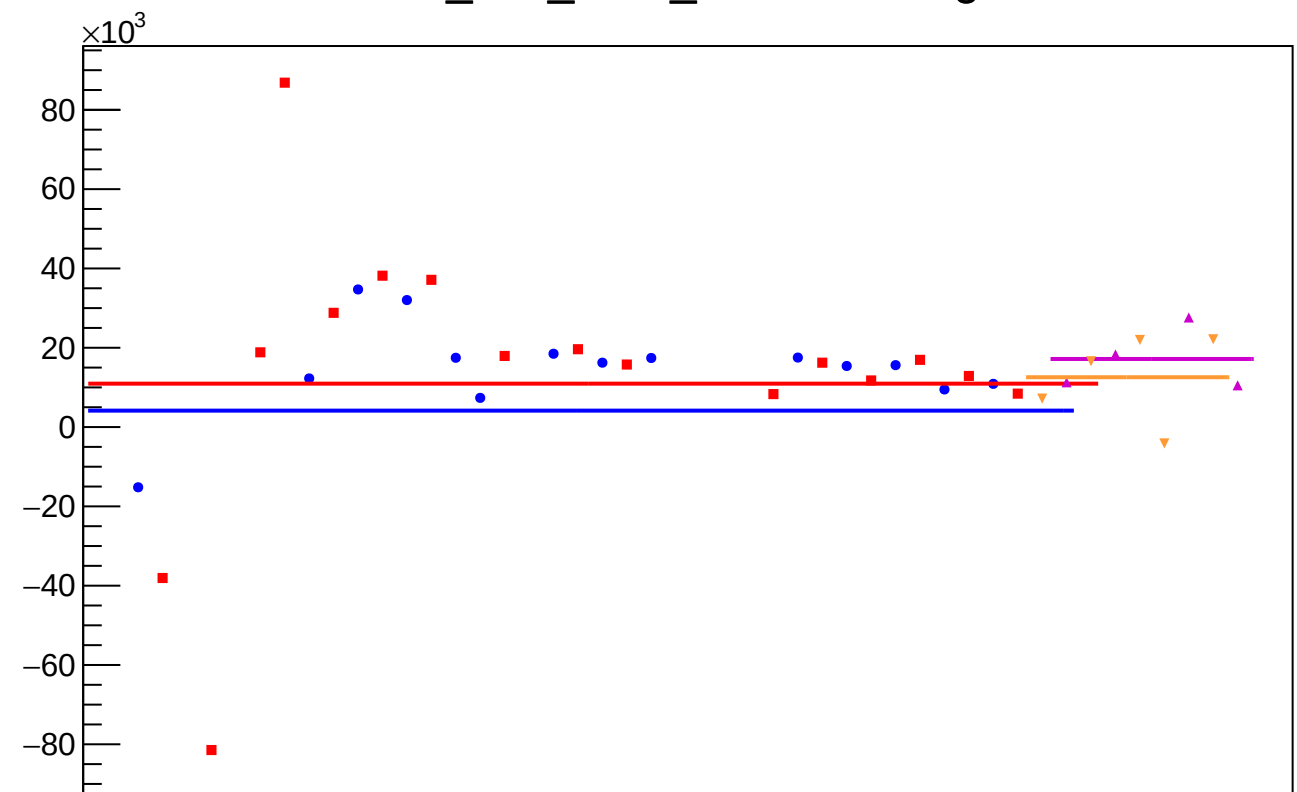
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 760.192+/-0.000 χ^2/NDF: 11993748082290 3
Left Out: 652.987+/-0.000 χ^2/NDF:804322214545499241508129325352327577 6.0/4
All: 740.296+/-0.000 χ^2/NDF: 2027058689 81
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
- sign 720.439+/-0.000 χ^2/NDF: 819750551475127
Left In: 662.771+/-0.000 χ^2/NDF:2308725724070213192726240447451627520.0/3

dit_usr_coil7_Ndata_mean vs Slug



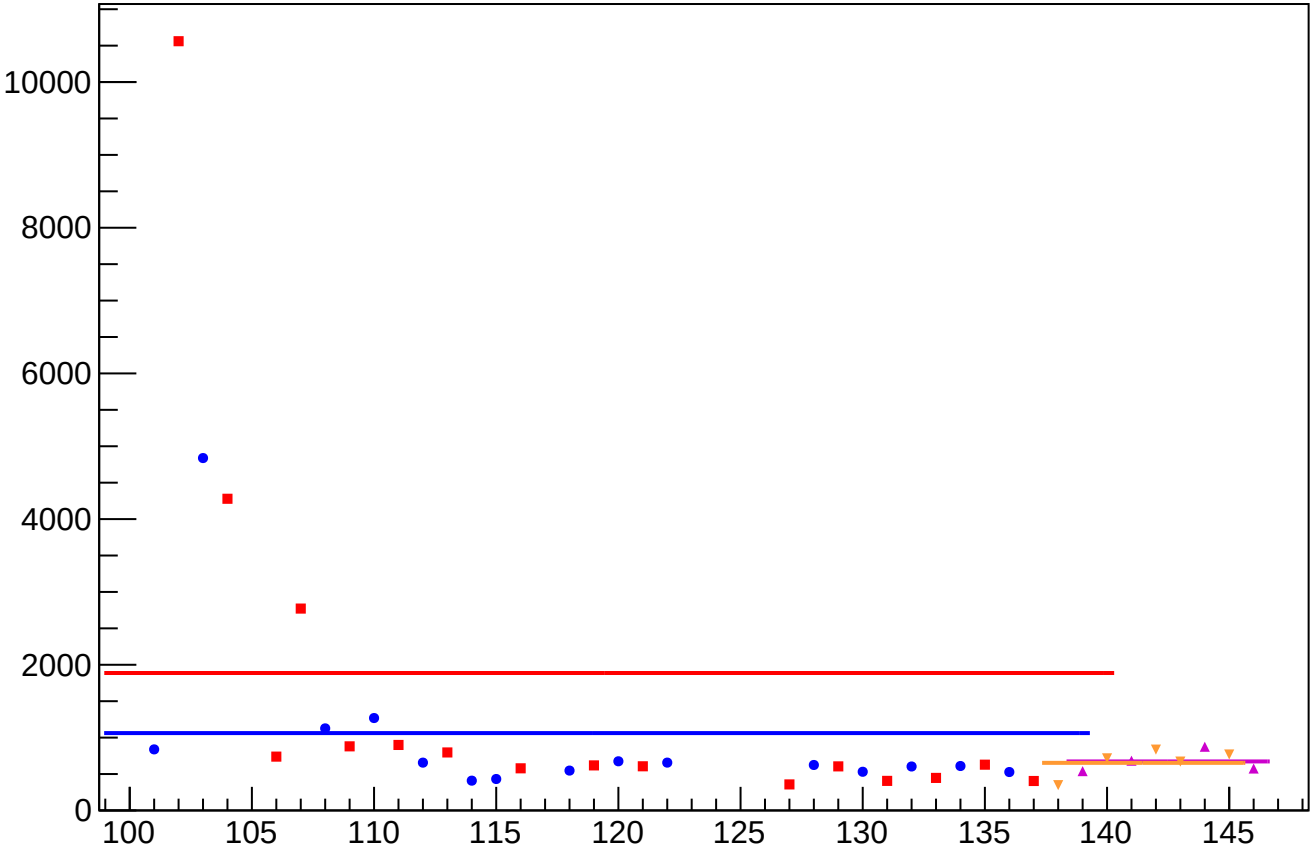
Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9
Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4
All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7
Left In: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14
+ sign 7117.199+/-0.000 χ^2/NDF: 8136948589396 0
Left Out: 12565.740+/-0.000 χ^2/NDF:3375959129071494693578100184922272353484 8.0/4
All: 10082.333+/-0.000 χ^2/NDF: 1730271963
Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15
- sign 13041.566+/-0.000 χ^2/NDF: 8989578623040
Left Out: 17172.808+/-0.000 χ^2/NDF:1631622408341024140501827032662524139929 6.0/3

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

+ sign 917.934+/-0.000 χ^2/NDF: 100128769502992

Left Out: 653.555+/-0.000 χ^2/NDF:102418910793390786791003594642088263 68.0/4

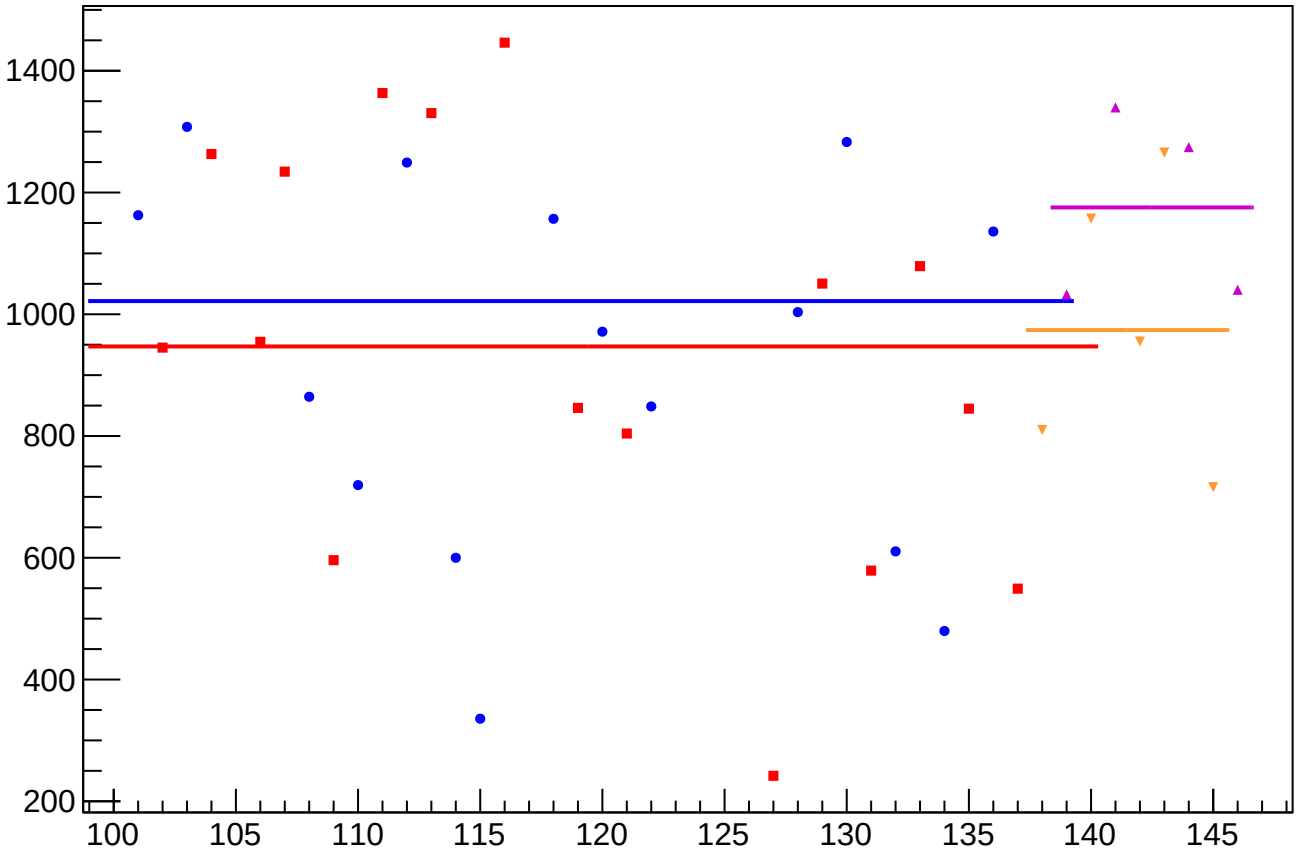
All: 1198.618+/-0.000 χ^2/NDF: 7021575288

Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

- sign 1478.743+/-0.000 χ^2/NDF: 58624053485794

Left In: 672.947+/-0.000 χ^2/NDF:58535811714040839114467091110365757 44.0/3

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

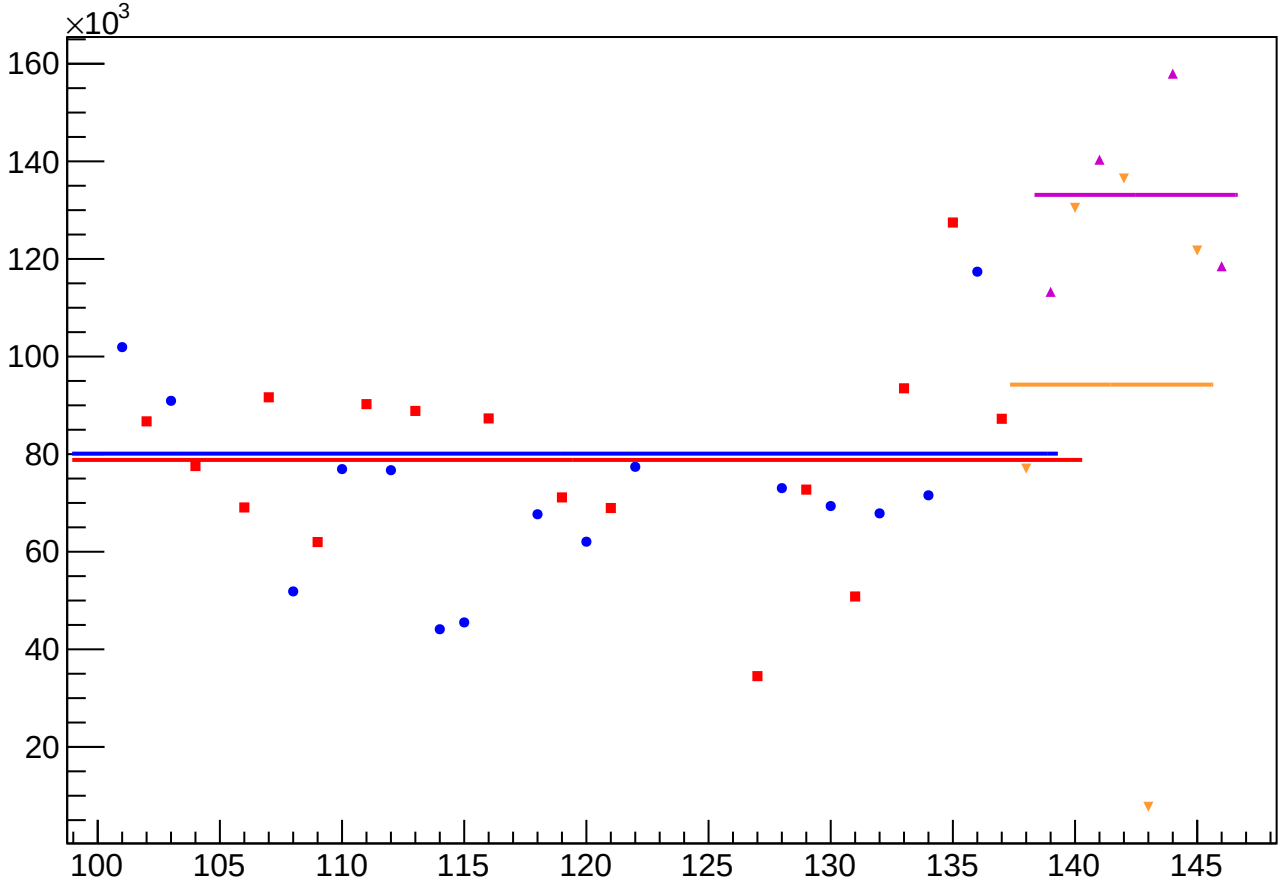
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Left In: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

+ sign 85093.926+/-0.000 χ^2/NDF: 1075743179601

Left Out: 94244.867+/-0.000 χ^2/NDF:7754081599845073015413599182376497651384 32.0/4

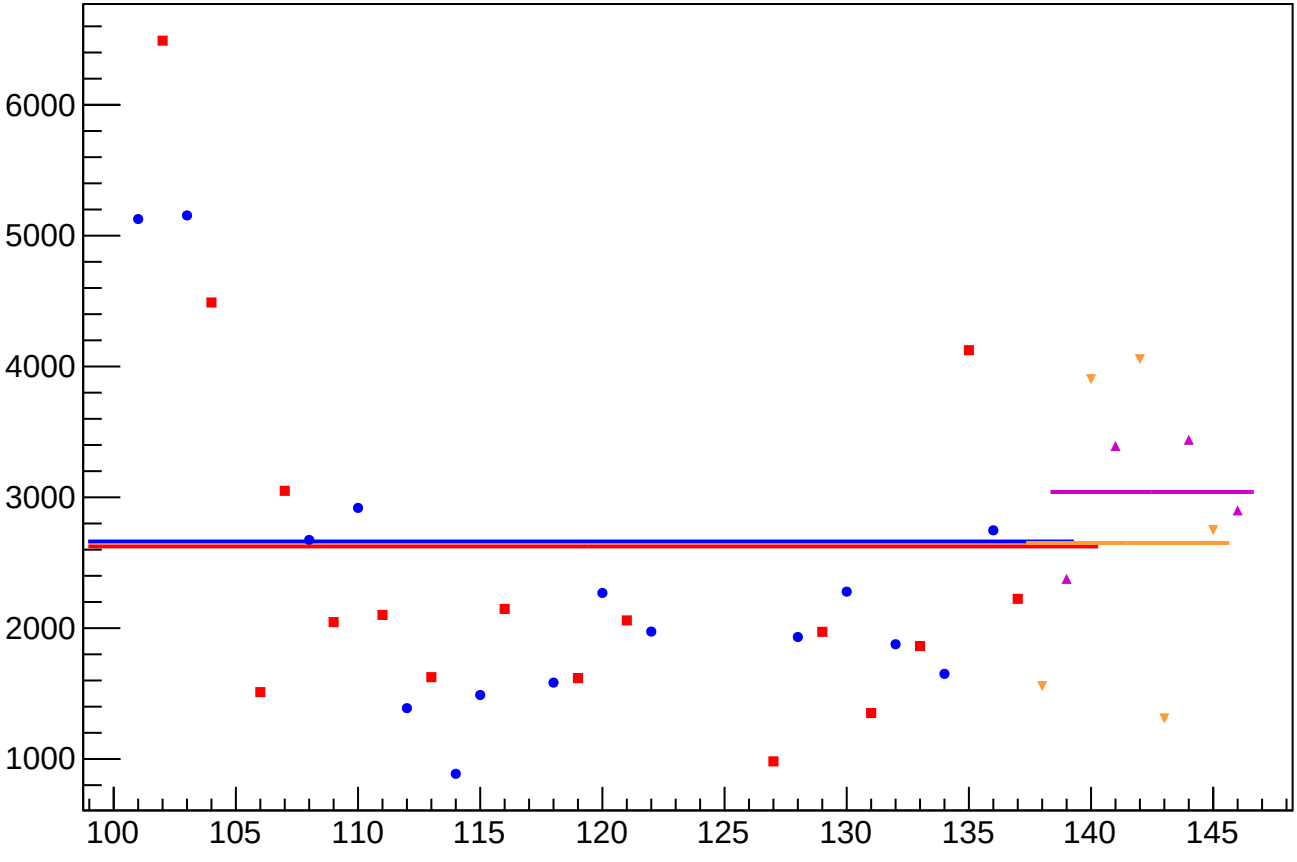
All: 91094.365+/-0.000 χ^2/NDF: 2204809171

Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15

- sign 97082.863+/-0.000 χ^2/NDF: 1056911294743

Left In: 133130.524+/-0.000 χ^2/NDF:1090582402090737385314930208076533837332 48.0/3

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14

Left Out: 2651.057+/-0.000 χ^2/NDF:4339404123854928042072033912134419087 36.0/4

Right Out: 2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

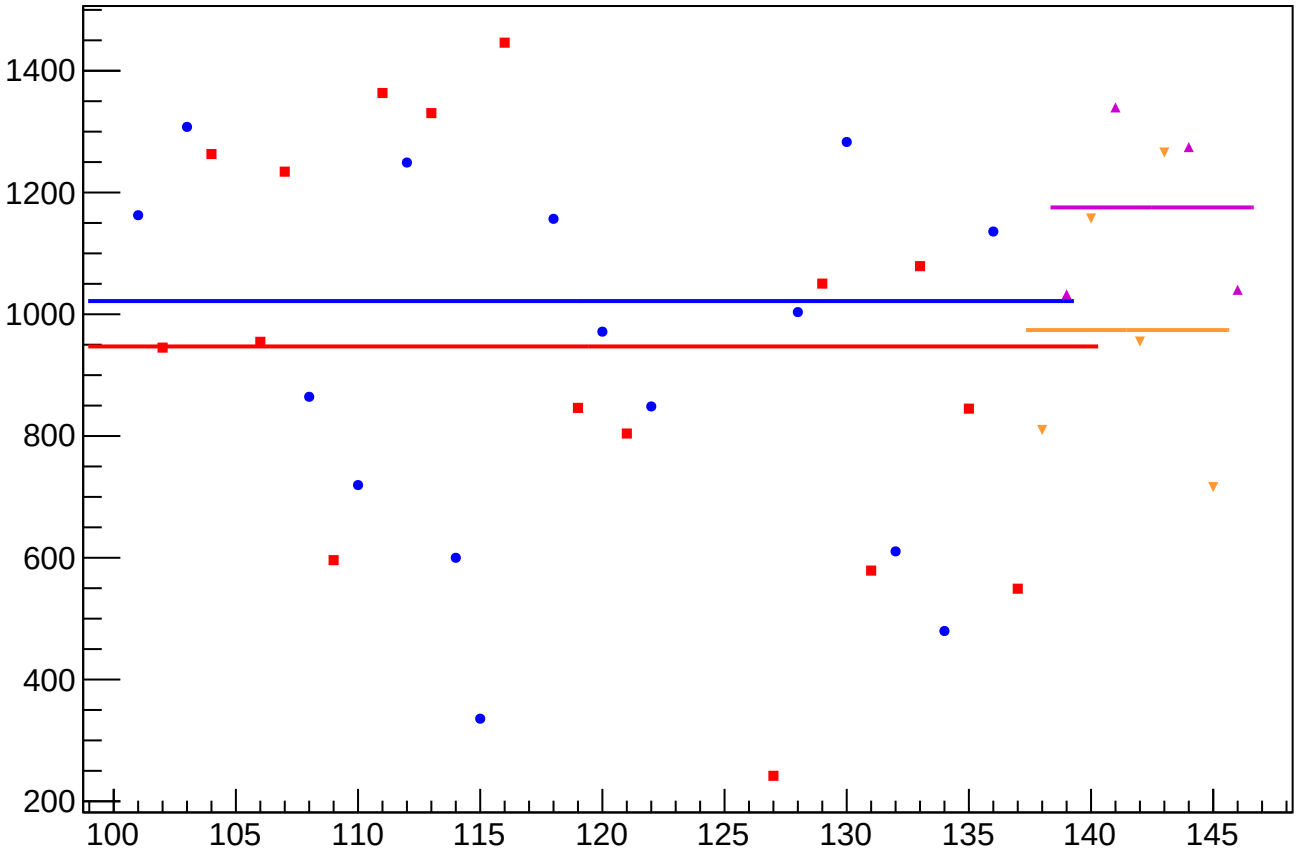
Left In: 3040.922+/-0.000 χ^2/NDF:6204998184328624064498054785026700083 2.0/3

+ sign 2658.256+/-0.000 χ^2/NDF: 1465357997885

All: 2711.521+/-0.000 χ^2/NDF: 3138661702

- sign 2764.681+/-0.000 χ^2/NDF: 16676180091333

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

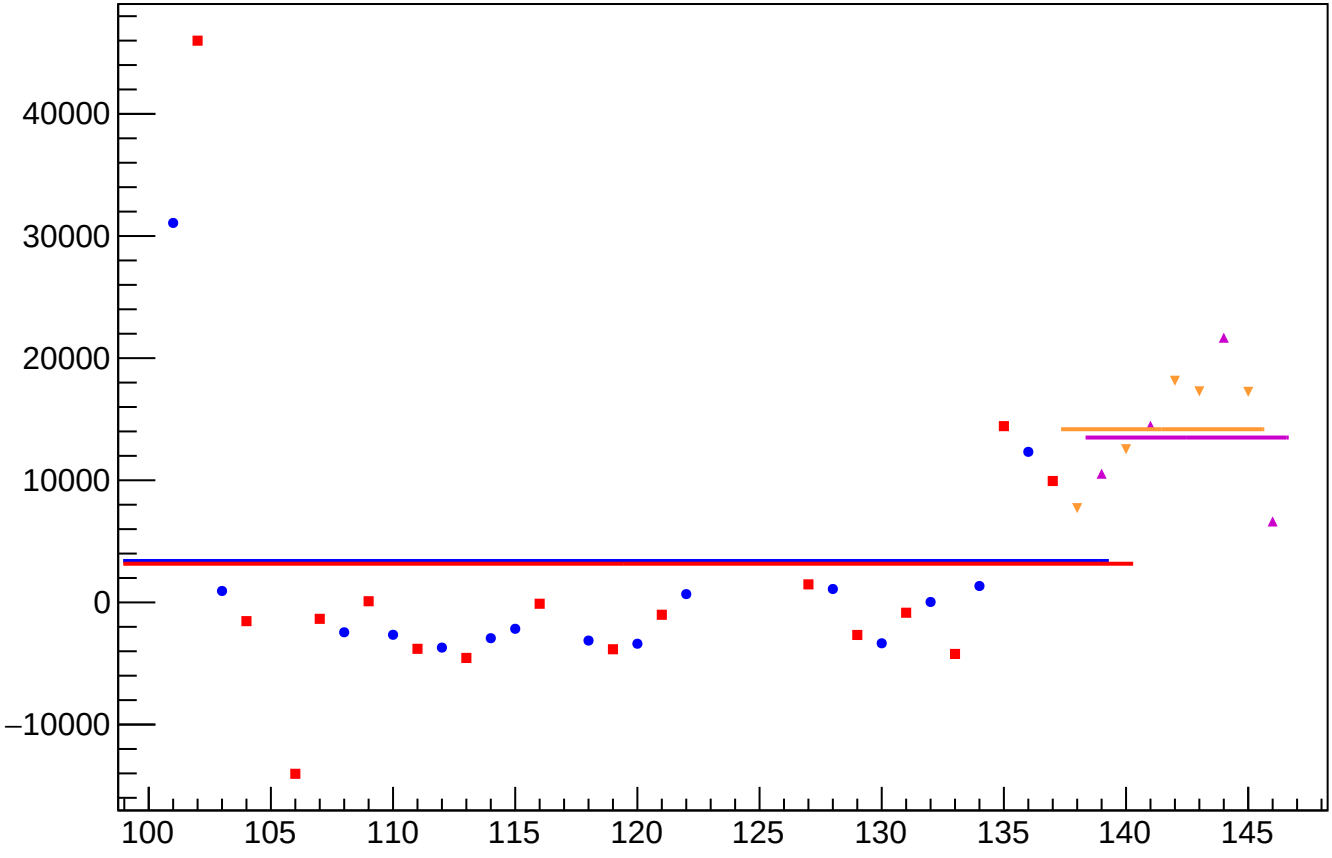
- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

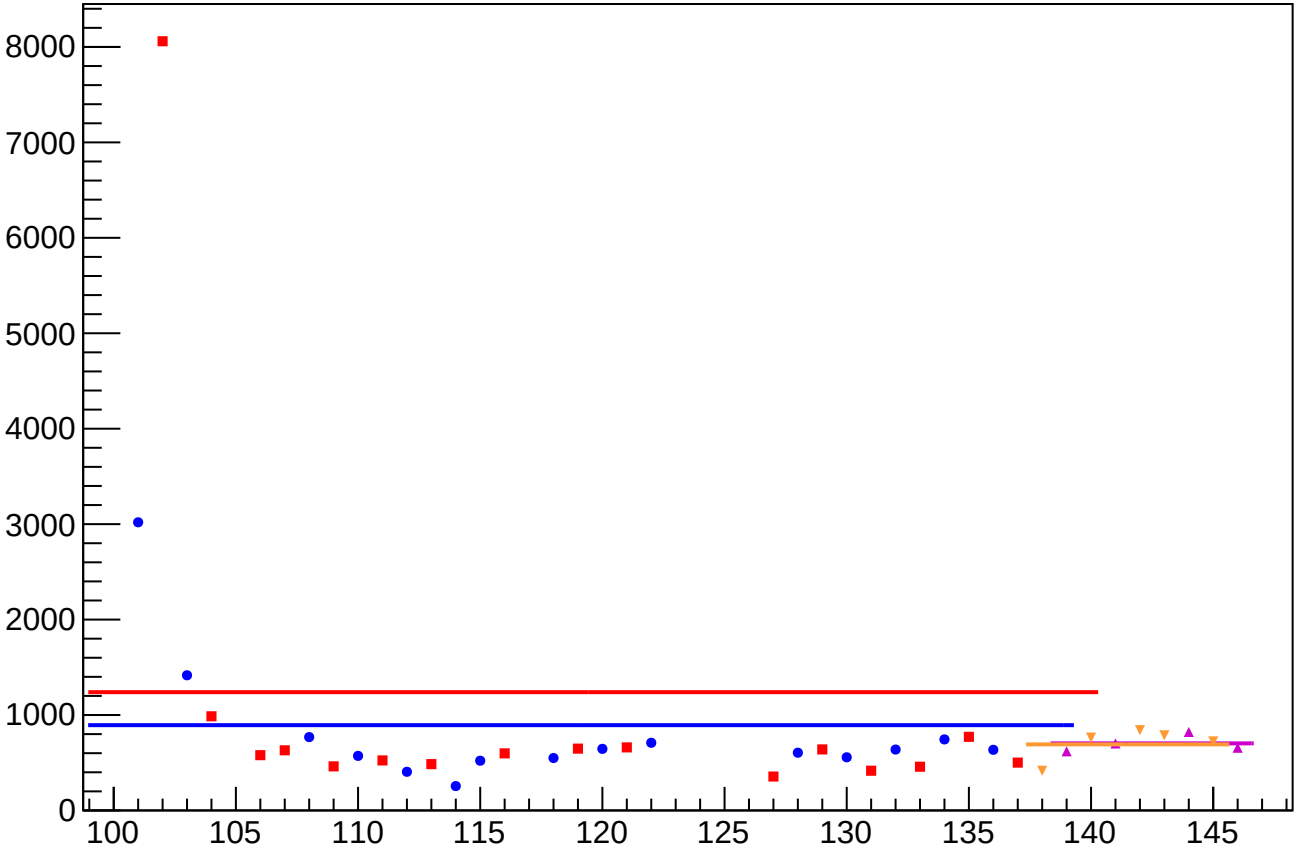
Left In: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 7198.487+/-0.000 χ^2/NDF: 98141005232467
Left Out: 14179.704+/-0.000 χ^2/NDF:560529227579021550585505042775595286528 0.0/4
All: 6920.175+/-0.000 χ^2/NDF: 2706526388 5
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 6642.416+/-0.000 χ^2/NDF: 17235640820037
Left In: 13499.928+/-0.000 χ^2/NDF:1065337619138031505911374153485496877056 0.0/3

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14

+ sign 822.629+/-0.000 χ^2/NDF: 351956096093853

Left Out: 692.363+/-0.000 χ^2/NDF:808878709993564712877088580928169 5744.0/4

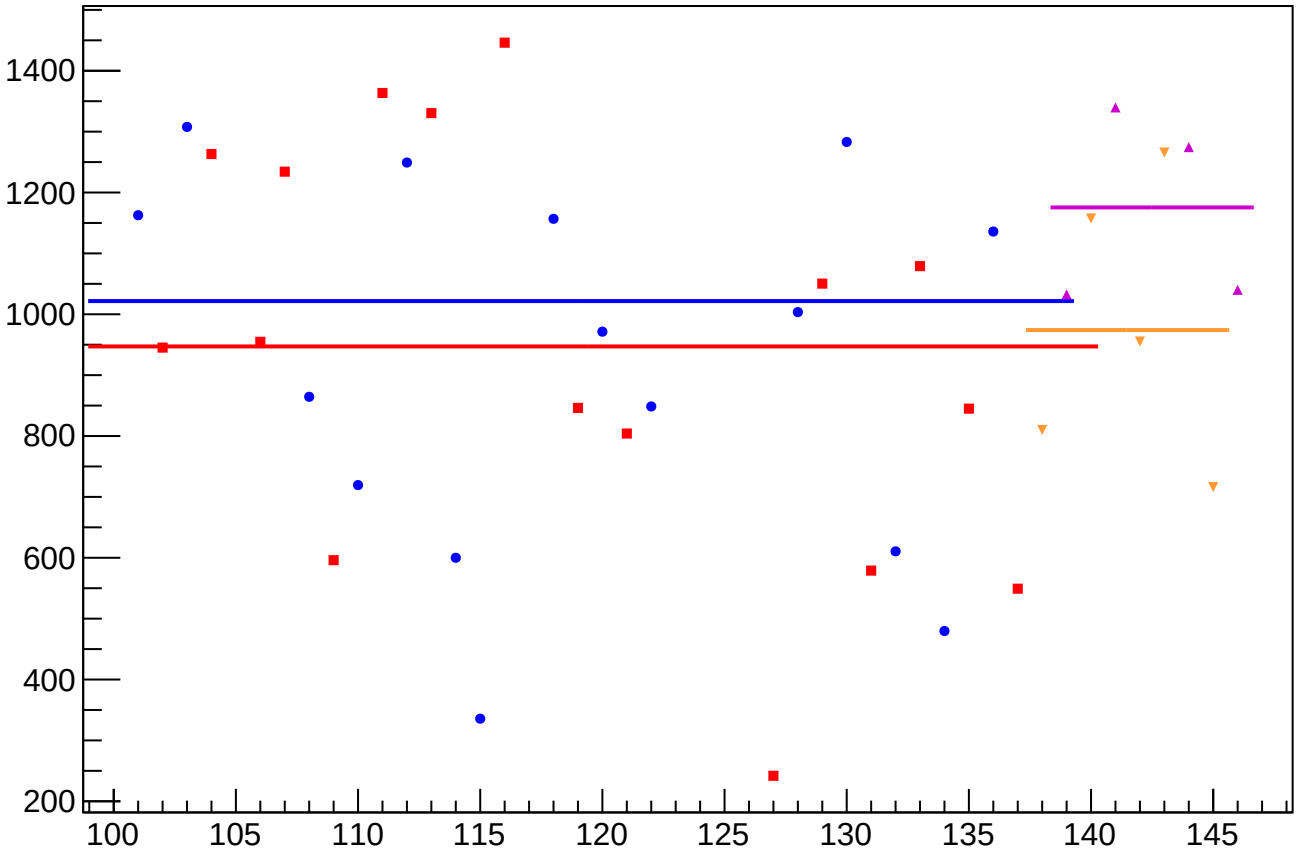
All: 940.895+/-0.000 χ^2/NDF: 34175043764 8

Right Out: 1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15

- sign 1058.926+/-0.000 χ^2/NDF: 30375184337021

Left In: 702.984+/-0.000 χ^2/NDF:200451870234030839219063547488947 4048.0/3

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

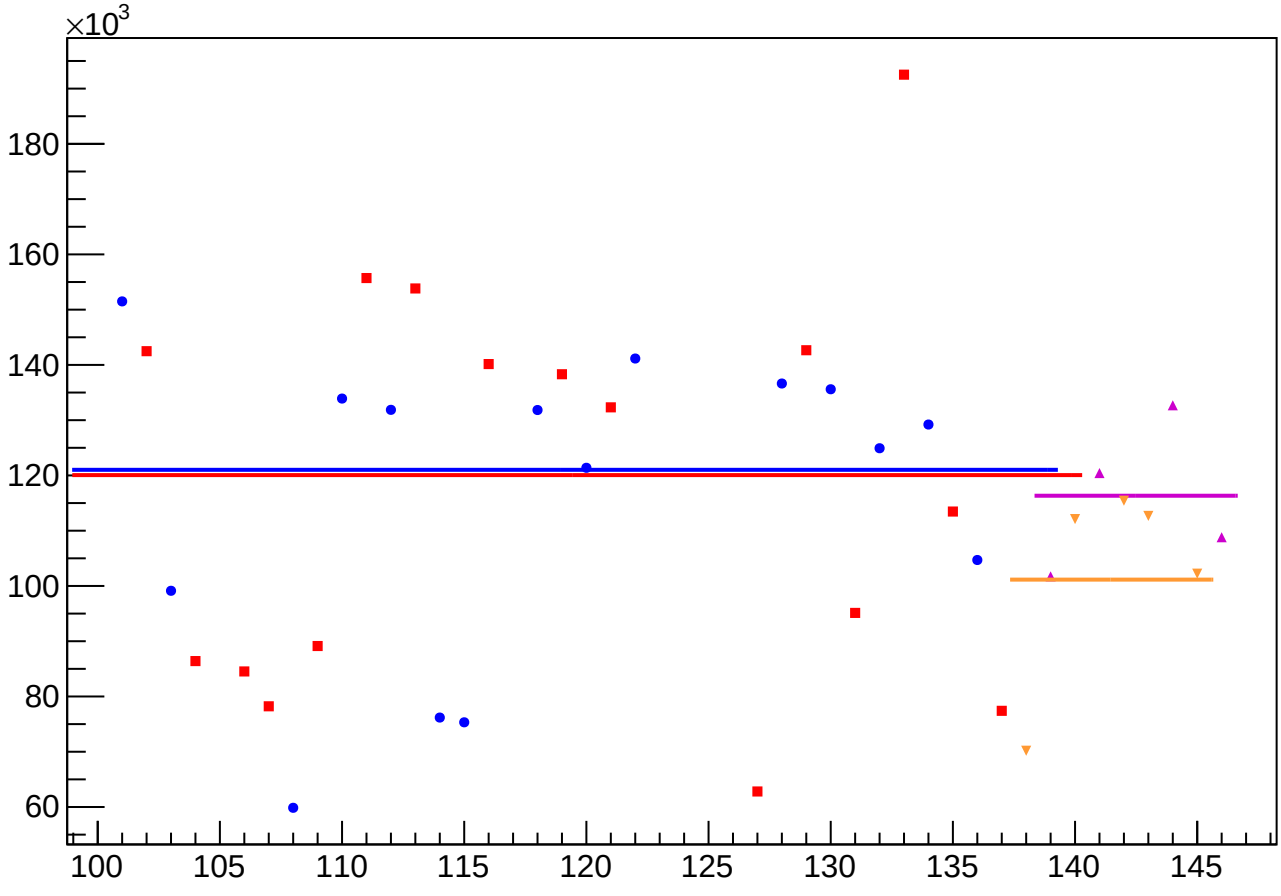
All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

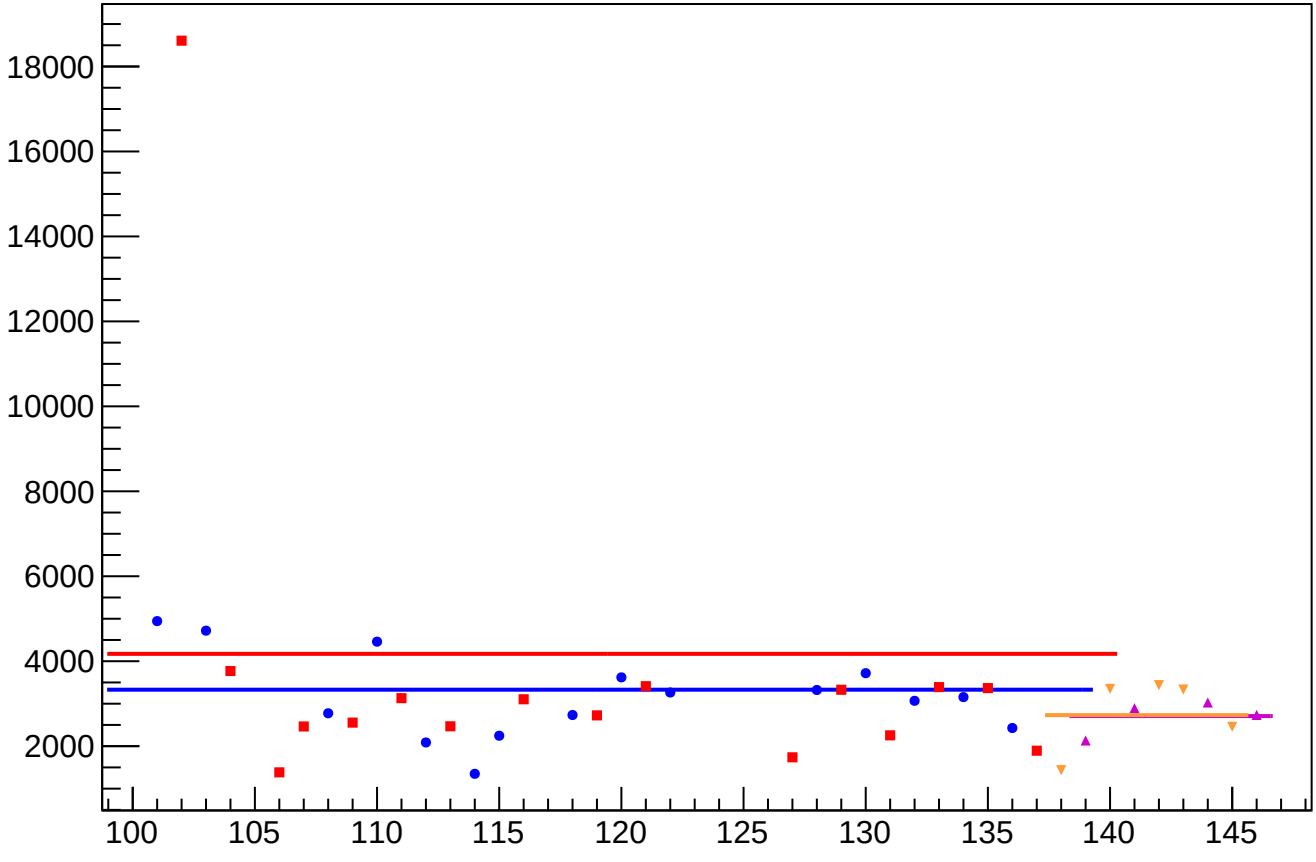
Left Out: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_atr2_coil7_mean vs Slug



Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 114003.812+/-0.000 χ^2/NDF: 552157538404
Left Out: 101147.252+/-0.000 χ^2/NDF:1030143953614533079203401932913127928627 20.0/4
All: 116406.968+/-0.000 χ^2/NDF: 14424688
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 118805.340+/-0.000 χ^2/NDF: 878737913219
Left In: 116328.061+/-0.000 χ^2/NDF:4719272159162089126350579021714330904 1664.0/3

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

+ sign 3118.292+/-0.000 χ^2/NDF: 8645526969504

Left Out: 2731.099+/-0.000 χ^2/NDF:2154990743714123605612712832825326305 28.0/4

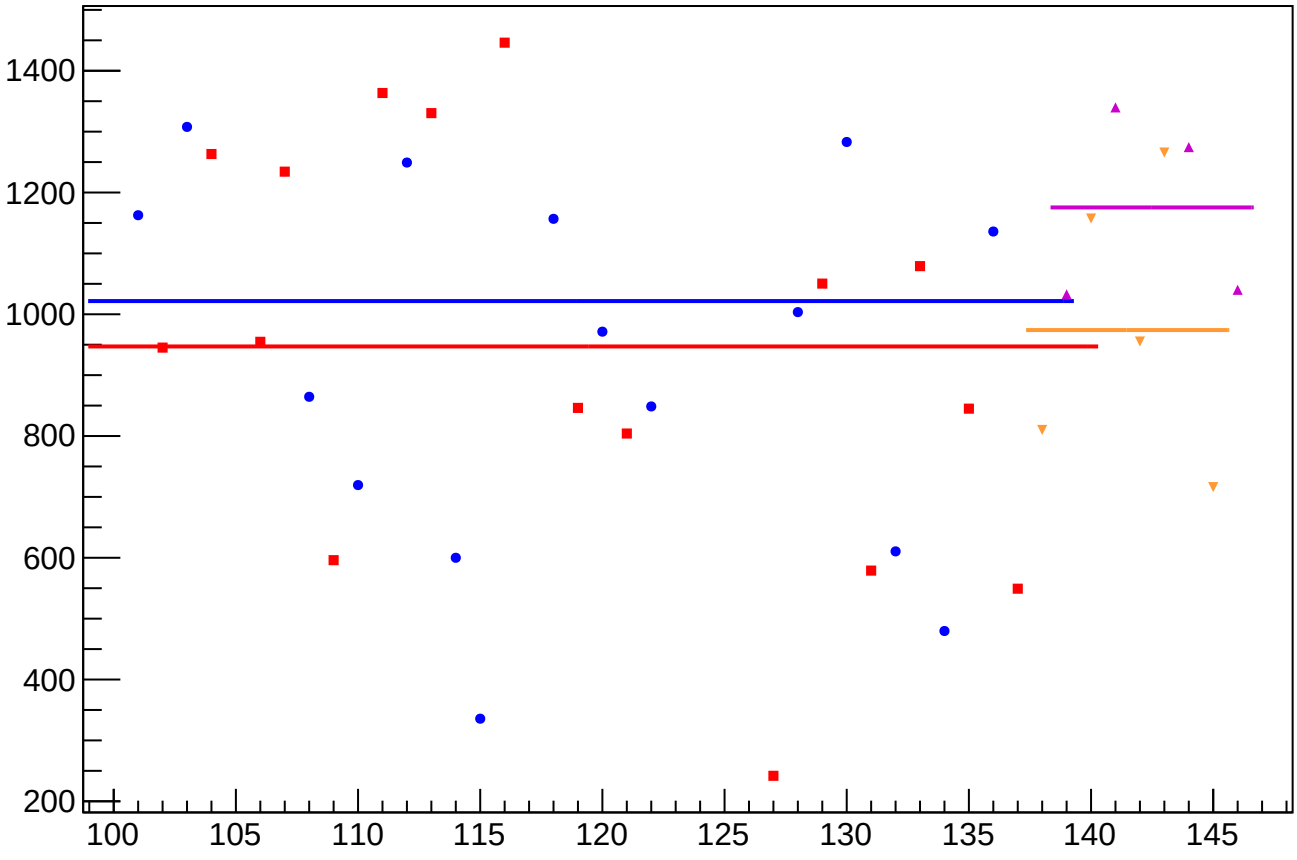
All: 3399.773+/-0.000 χ^2/NDF: 1504198198

Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810 6240.0/15

- sign 3680.694+/-0.000 χ^2/NDF: 14018648641410

Left In: 2708.335+/-0.000 χ^2/NDF:388865236948864656609420113552416440 32.0/3

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

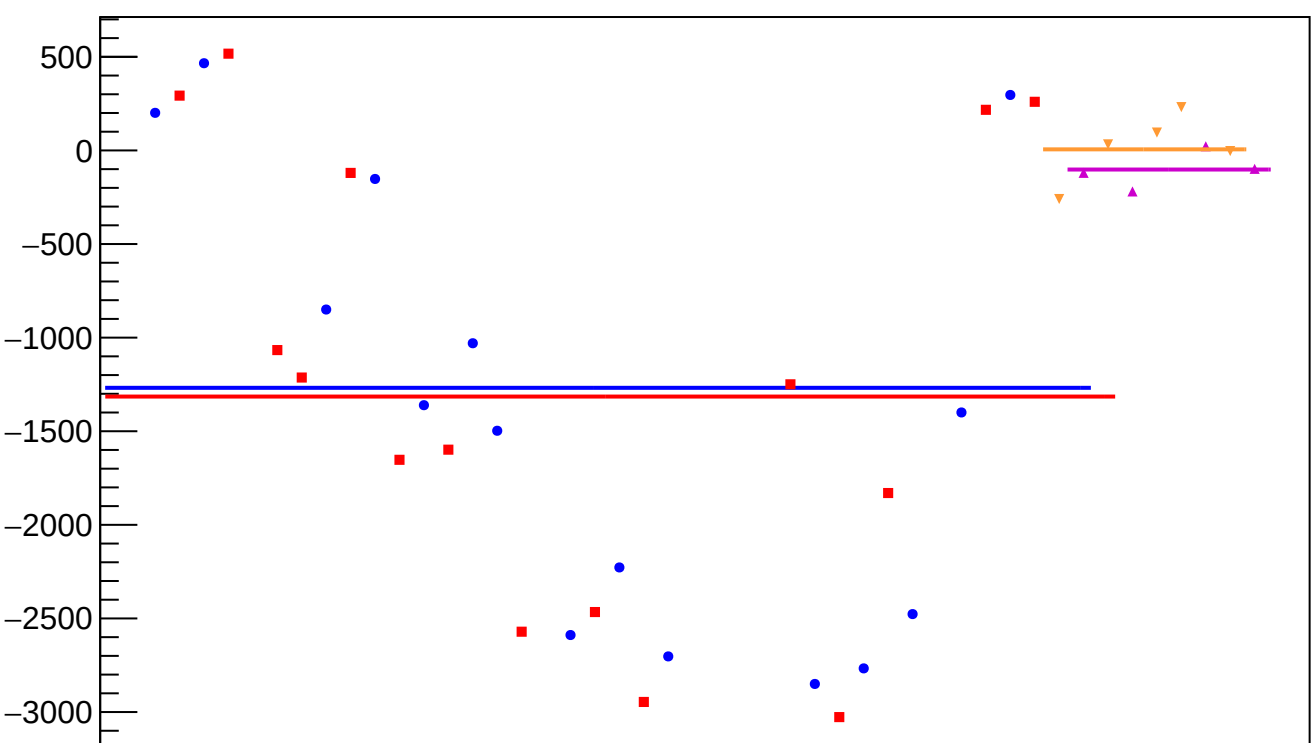
All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

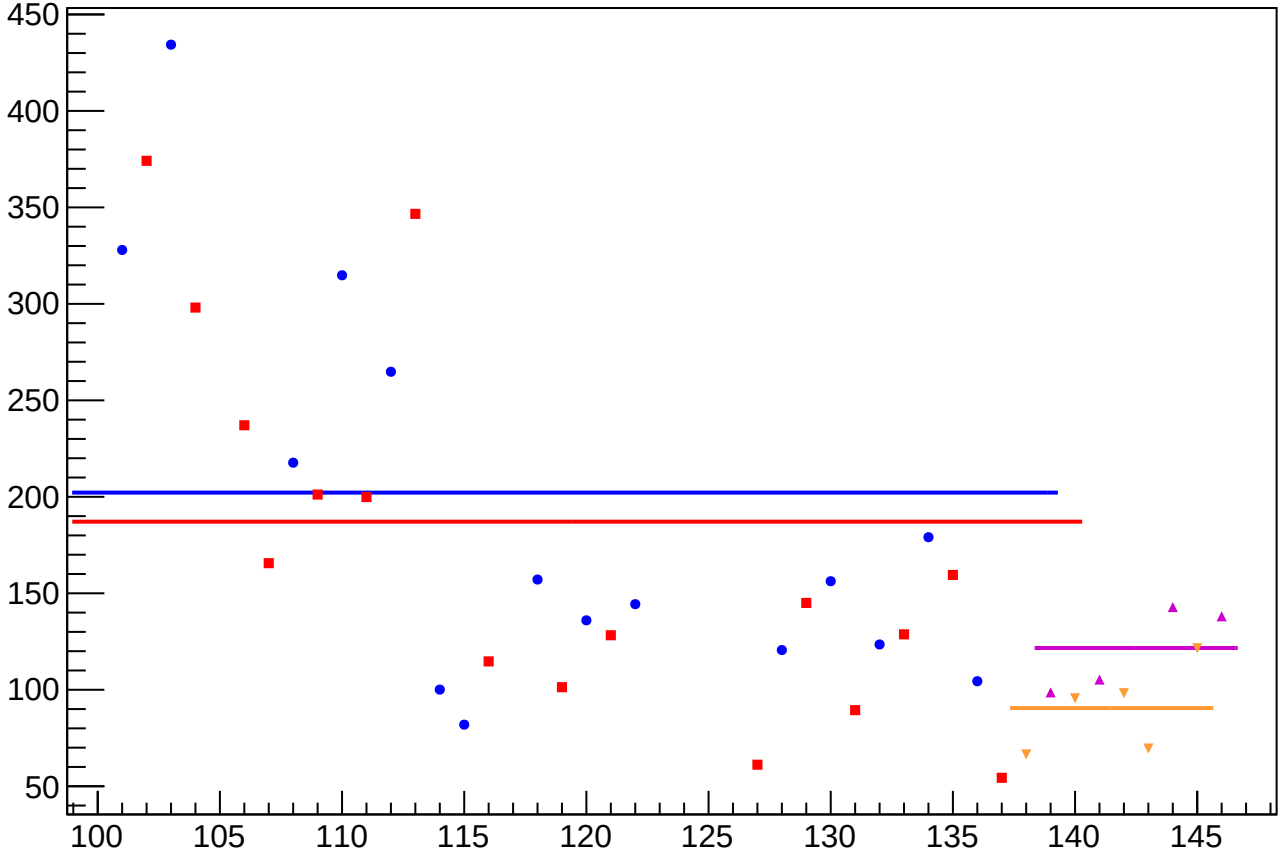
Left Out: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF: 1092280760288833856070470490800647045120.0/14
+ sign -818.481+/-0.000 χ^2/NDF: 14732874650241
Left Out: 5.749+/-0.000 χ^2/NDF:9337931916452863488731715506205097984.0/4
All: -862.735+/-0.000 χ^2/NDF: 29081670519
Right Out: -1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
- sign -906.902+/-0.000 χ^2/NDF: 14309547700563
Left In: -102.032+/-0.000 χ^2/NDF:2563458602788665029488202700942213120.0/3

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

+ sign 162.777+/-0.000 χ^2/NDF: 100415711375783

Left Out: 90.520+/-0.000 χ^2/NDF:157166518070930186809338855518371840.0/4

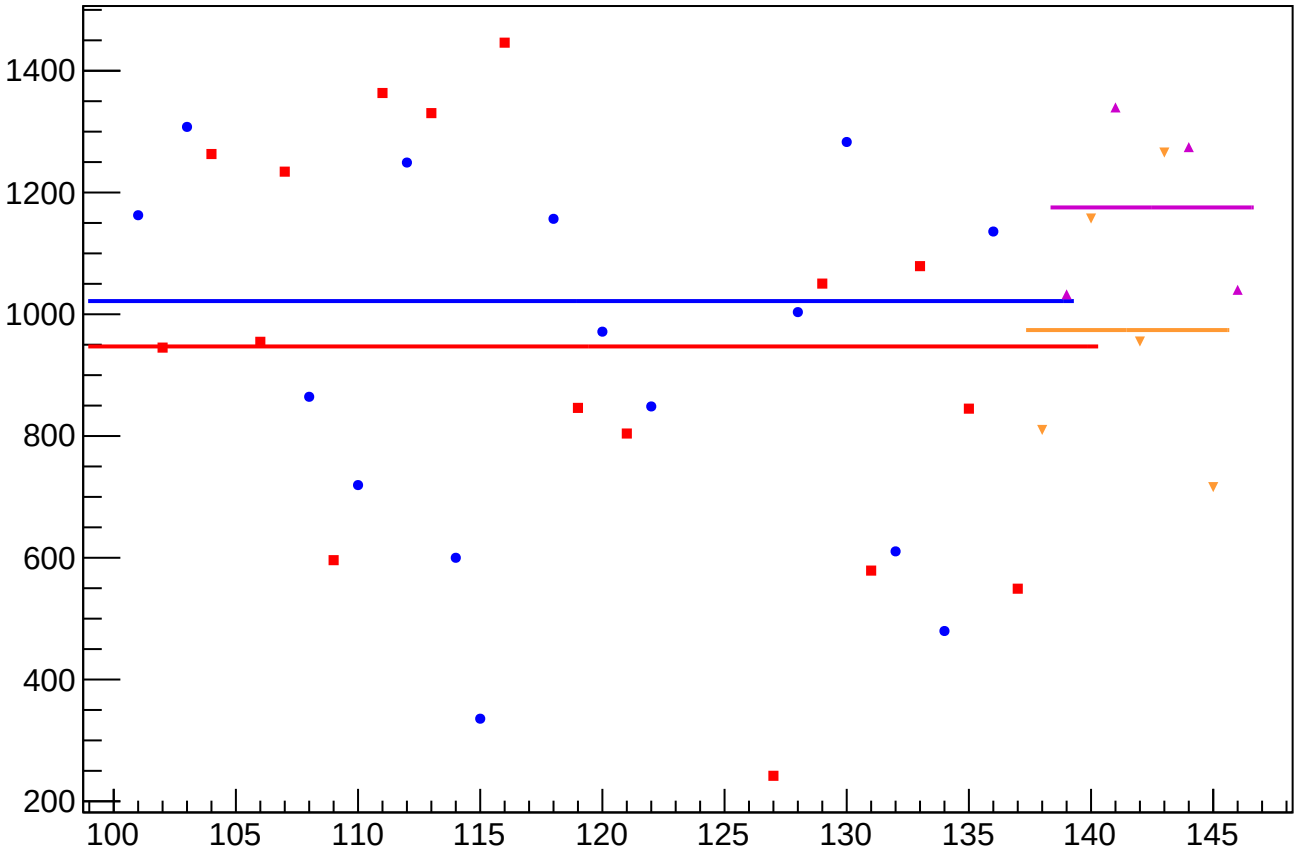
All: 163.943+/-0.000 χ^2/NDF: 17364033698 6

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

- sign 165.106+/-0.000 χ^2/NDF: 731974167233990

Left In: 121.651+/-0.000 χ^2/NDF:128055271057045049070219342175535104.0/3

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

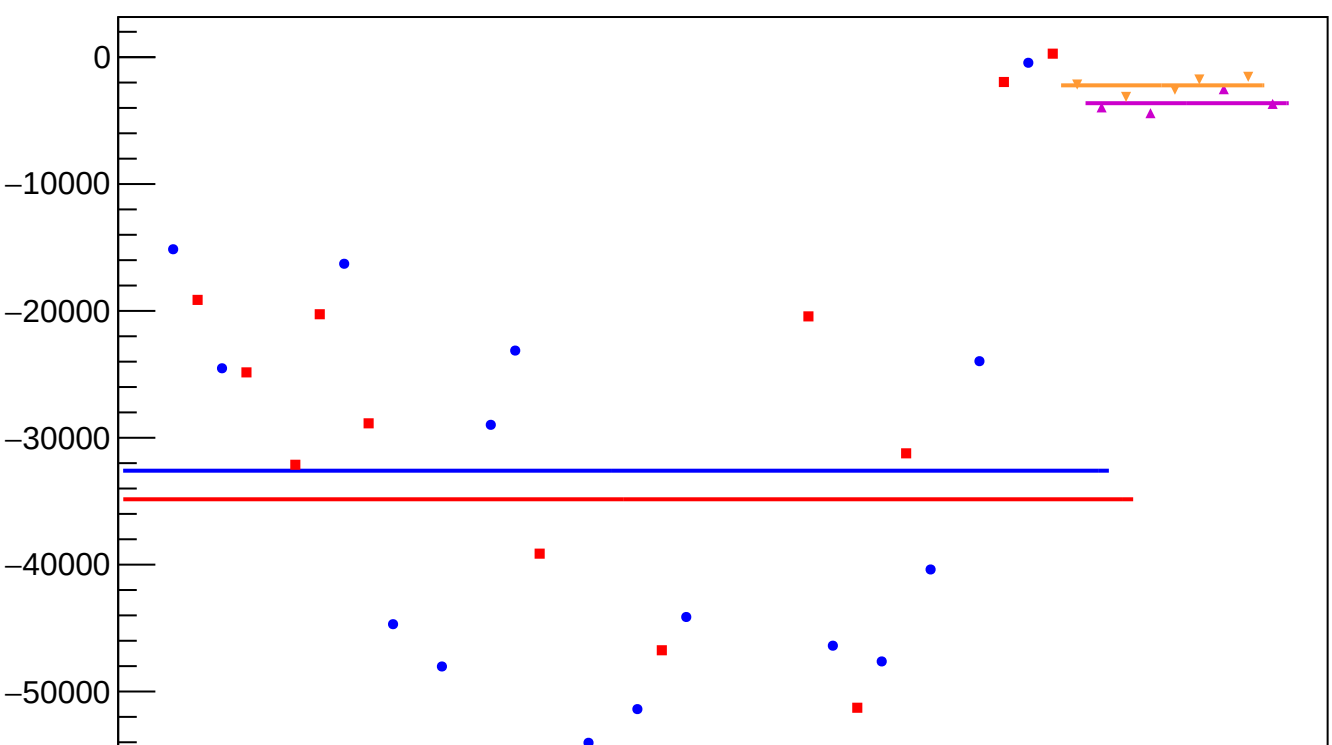
All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

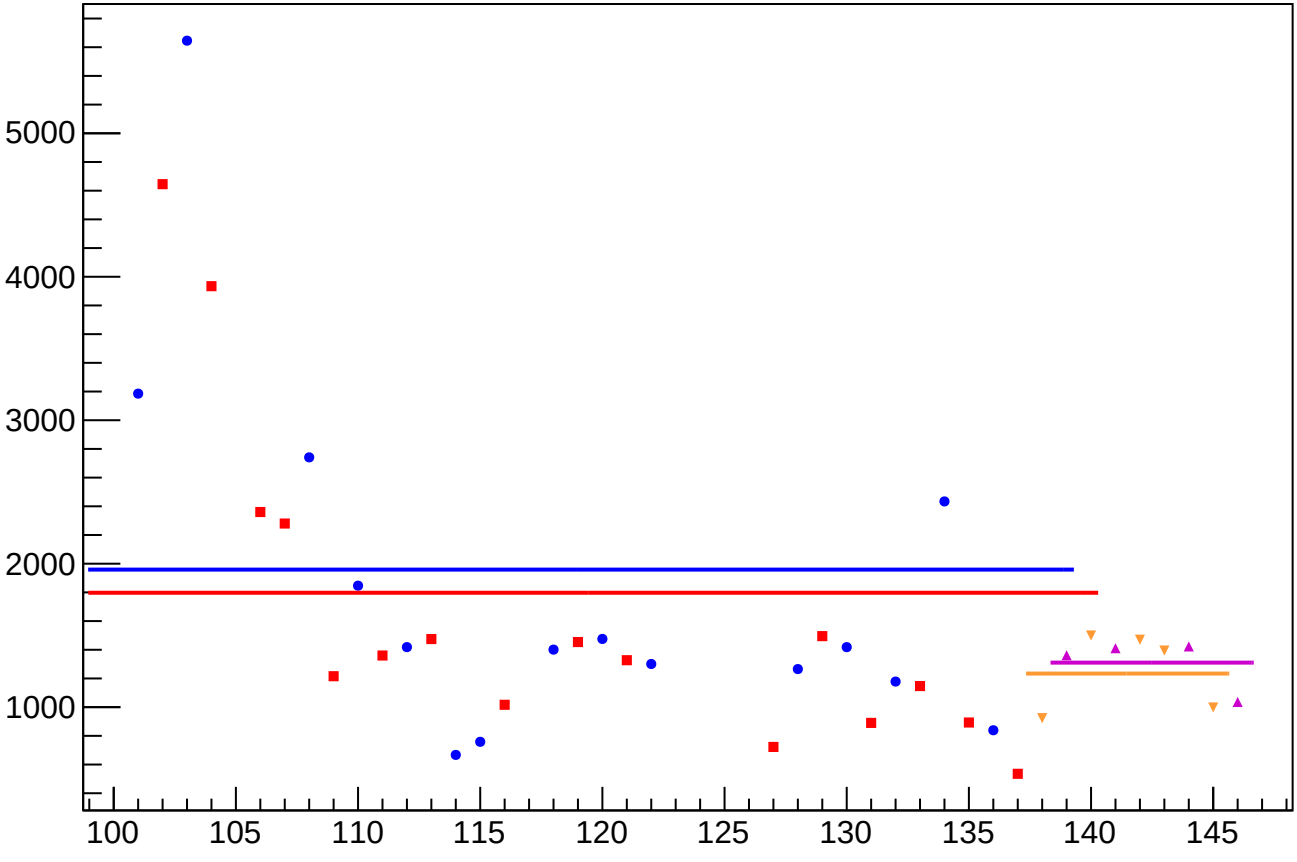
Left Out: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_sam2_coil7_mean vs Slug



Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -21874.459+/-0.000 χ^2/NDF: 420610572340
Left Out: -2220.203+/-0.000 χ^2/NDF:1245874378742081543906406059468904202 24.0/4
All: -23112.408+/-0.000 χ^2/NDF: 863637902
Right Out: -34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
- sign -24347.894+/-0.000 χ^2/NDF: 439956156039
Left In: -3627.181+/-0.000 χ^2/NDF:1699645049056385675313247871376828661 76.0/3

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1703.055+/-0.000 χ^2/NDF: 13317438949423

Left Out: 1234.127+/-0.000 χ^2/NDF:2211890943836931272285110411678711 8080.0/4

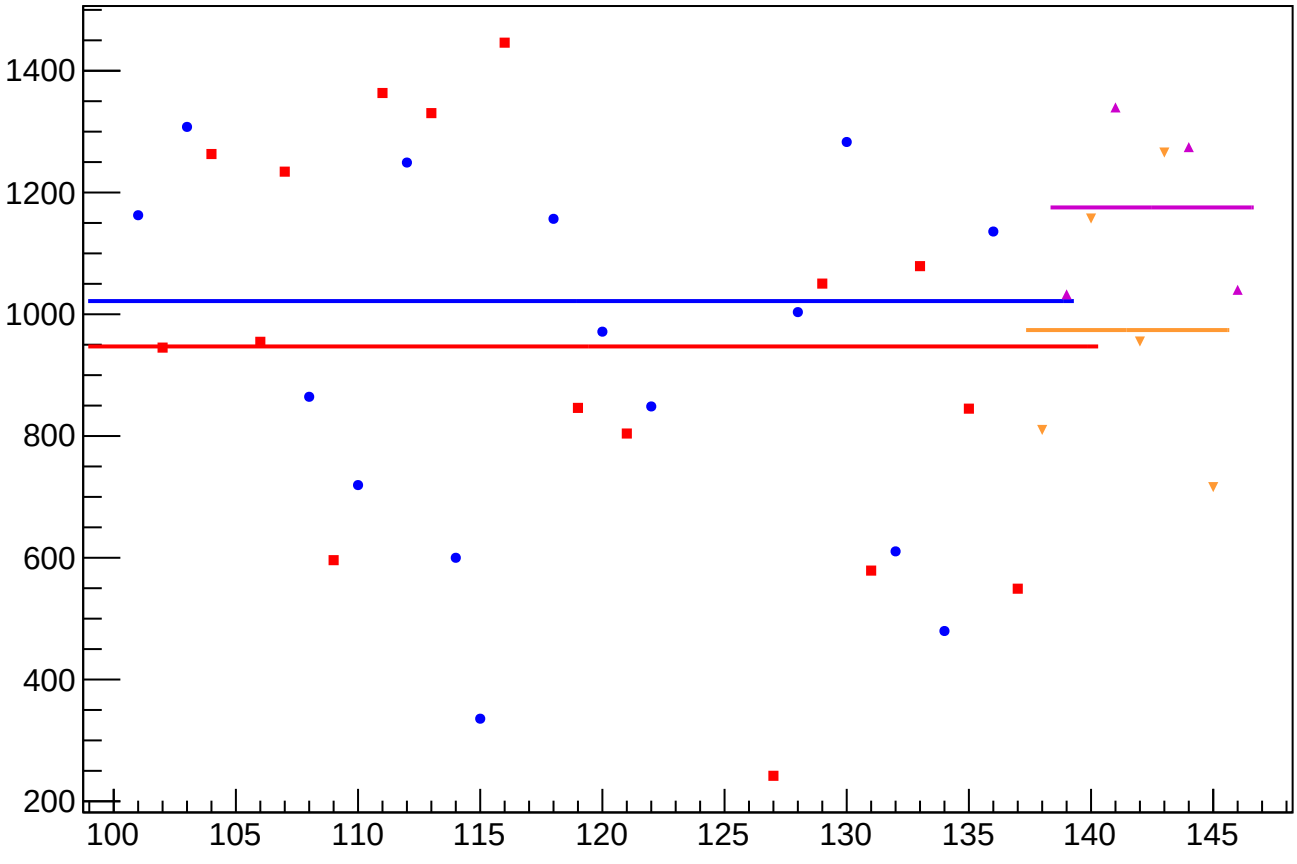
All: 1668.301+/-0.000 χ^2/NDF: 2350907984 5

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402 15040.0/15

- sign 1633.616+/-0.000 χ^2/NDF: 10167434969500

Left In: 1310.424+/-0.000 χ^2/NDF:8450991204366017501874470317256081408.0/3

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

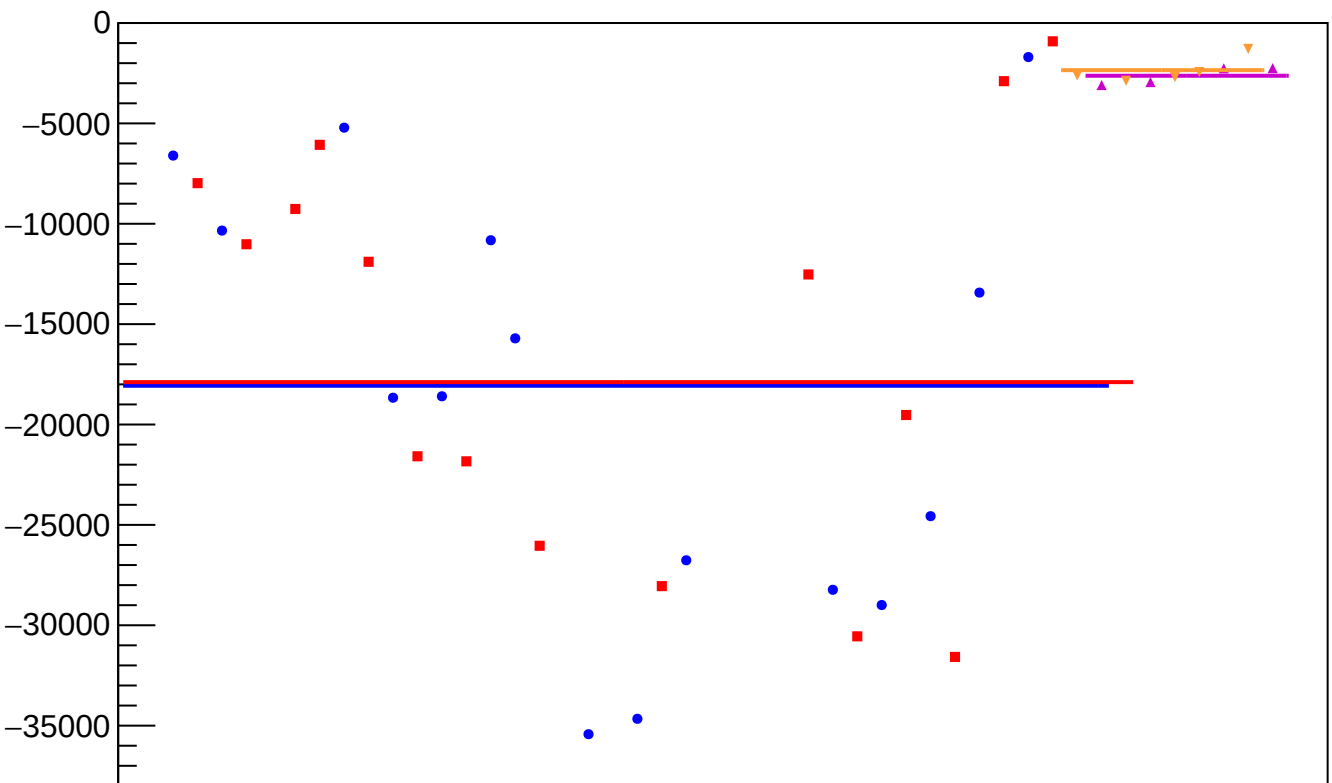
- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

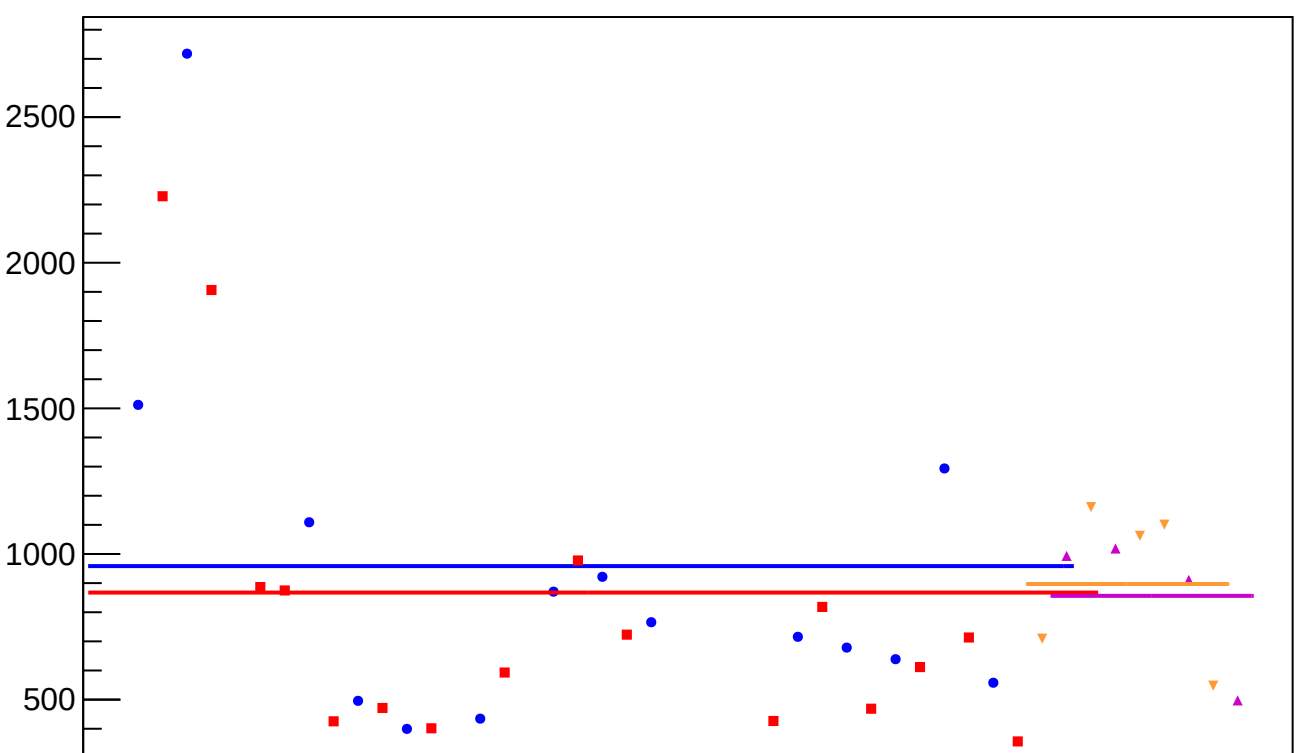
Left In: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -12520.241+/-0.000 χ^2/NDF: 141043936108
Left Out: -2348.340+/-0.000 χ^2/NDF:1256155700295030695532516984163464642 56.0/4
All: -12637.992+/-0.000 χ^2/NDF: 271773855
Right Out: -17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
- sign -12755.509+/-0.000 χ^2/NDF: 1307021333154
Left In: -2626.899+/-0.000 χ^2/NDF:4977932981372125487082951655222044 2624.0/3

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

+ sign 936.706+/-0.000 χ^2/NDF: 28797215984143 5

Left Out: 896.914+/-0.000 χ^2/NDF:2237277989550408183434258212393582592 0.0/4

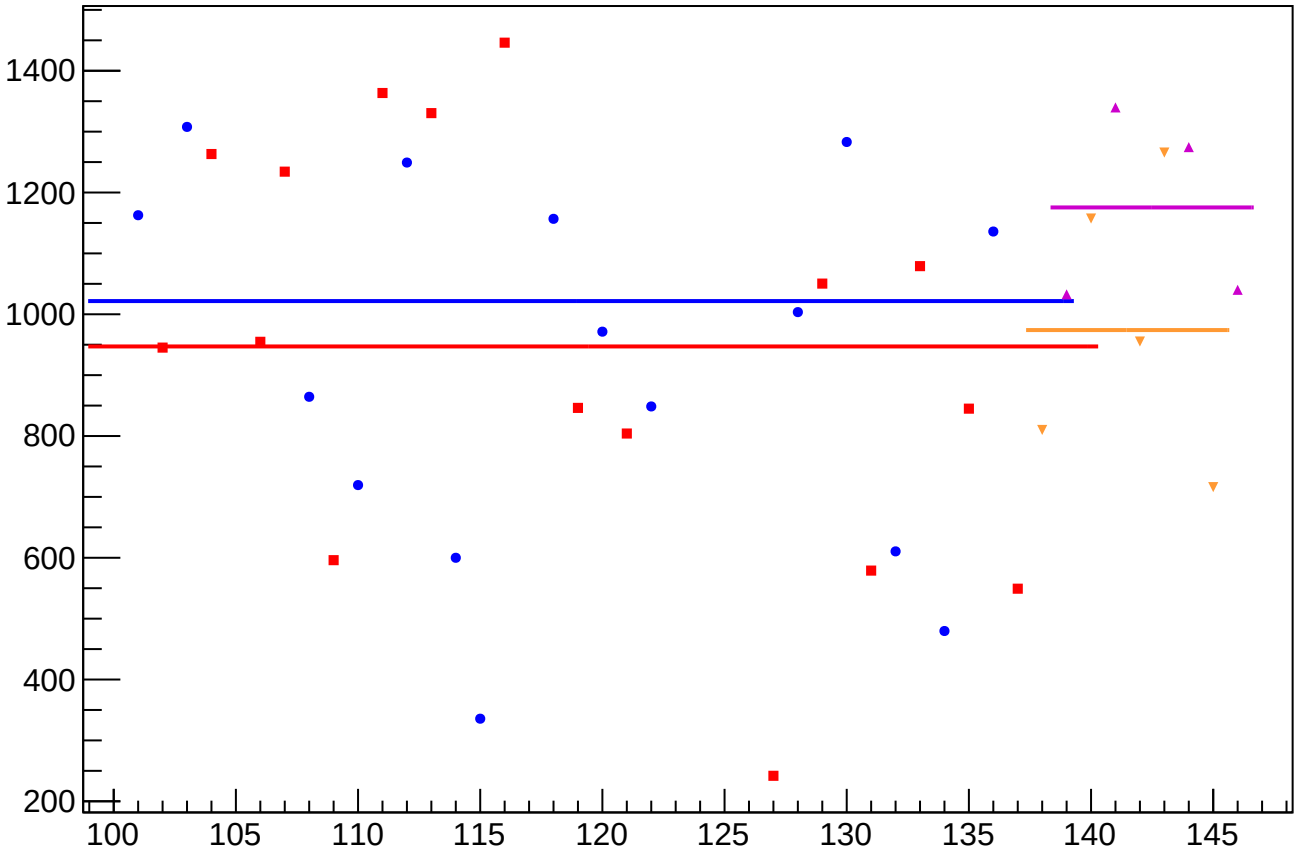
All: 900.194+/-0.000 χ^2/NDF: 52153297351 1

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15

- sign 863.754+/-0.000 χ^2/NDF: 230889209924068

Left In: 856.288+/-0.000 χ^2/NDF:1473097087338809397232552378716966092 8.0/3

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

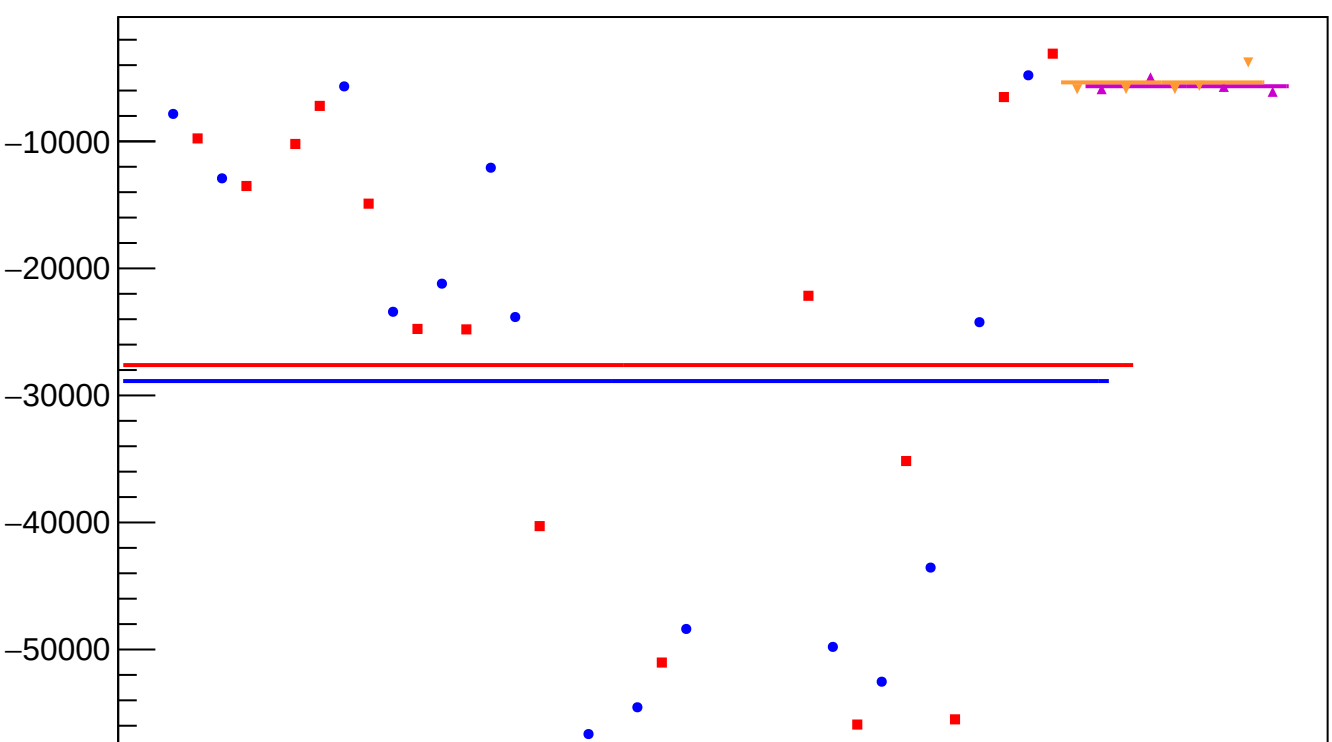
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Left In: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14

+ sign -20570.851+/-0.000 χ^2/NDF: 388322358673

Left Out: -5358.268+/-0.000 χ^2/NDF:262412478780606206656011998388107083776.0/4

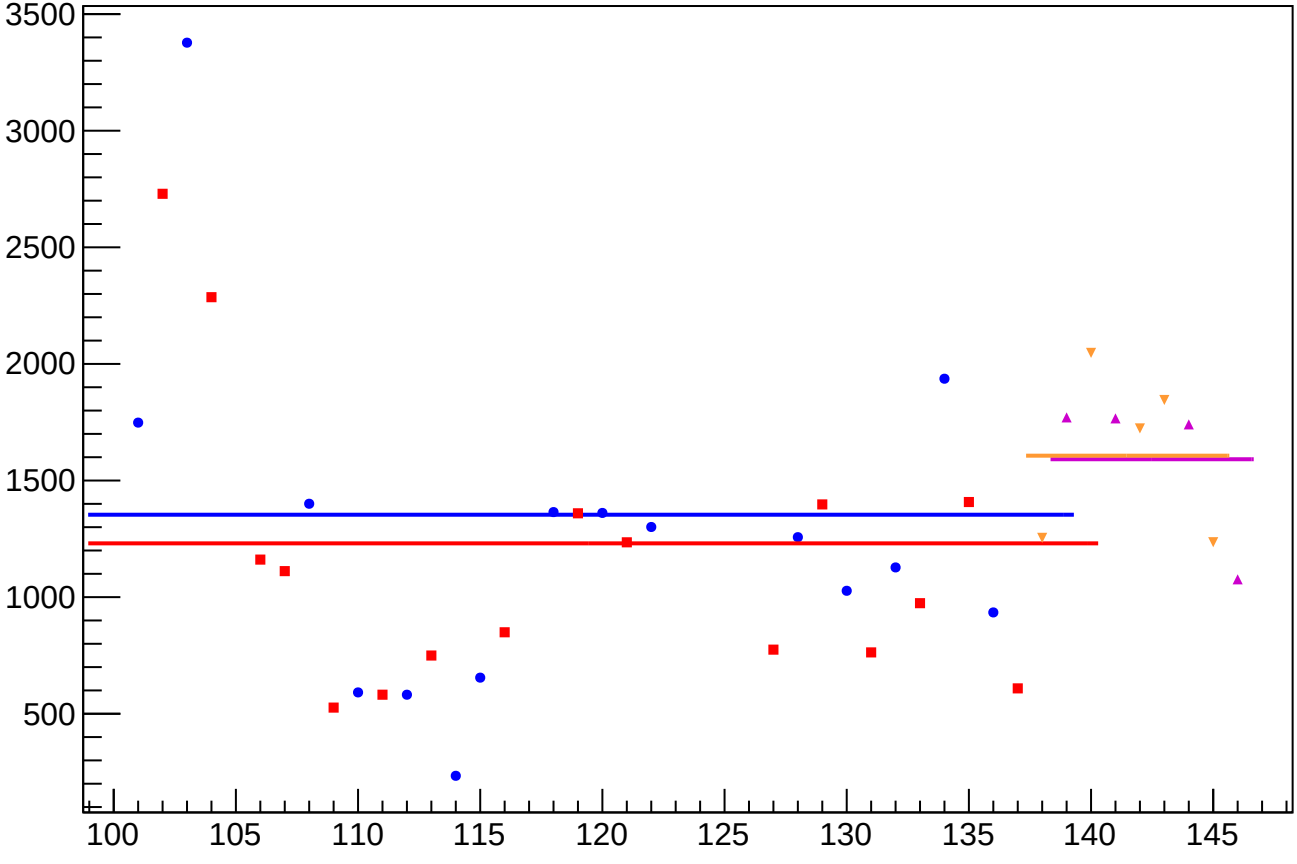
All: -20399.521+/-0.000 χ^2/NDF: 744625350

Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15

- sign -20228.531+/-0.000 χ^2/NDF: 356244165903

Left In: -5660.468+/-0.000 χ^2/NDF:623901840503938308334183396804363550 72.0/3

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1442.764+/-0.000 χ^2/NDF: 4087841079372 0

Left Out: 1606.573+/-0.000 χ^2/NDF:4121580375877369399324015741375401164 8.0/4

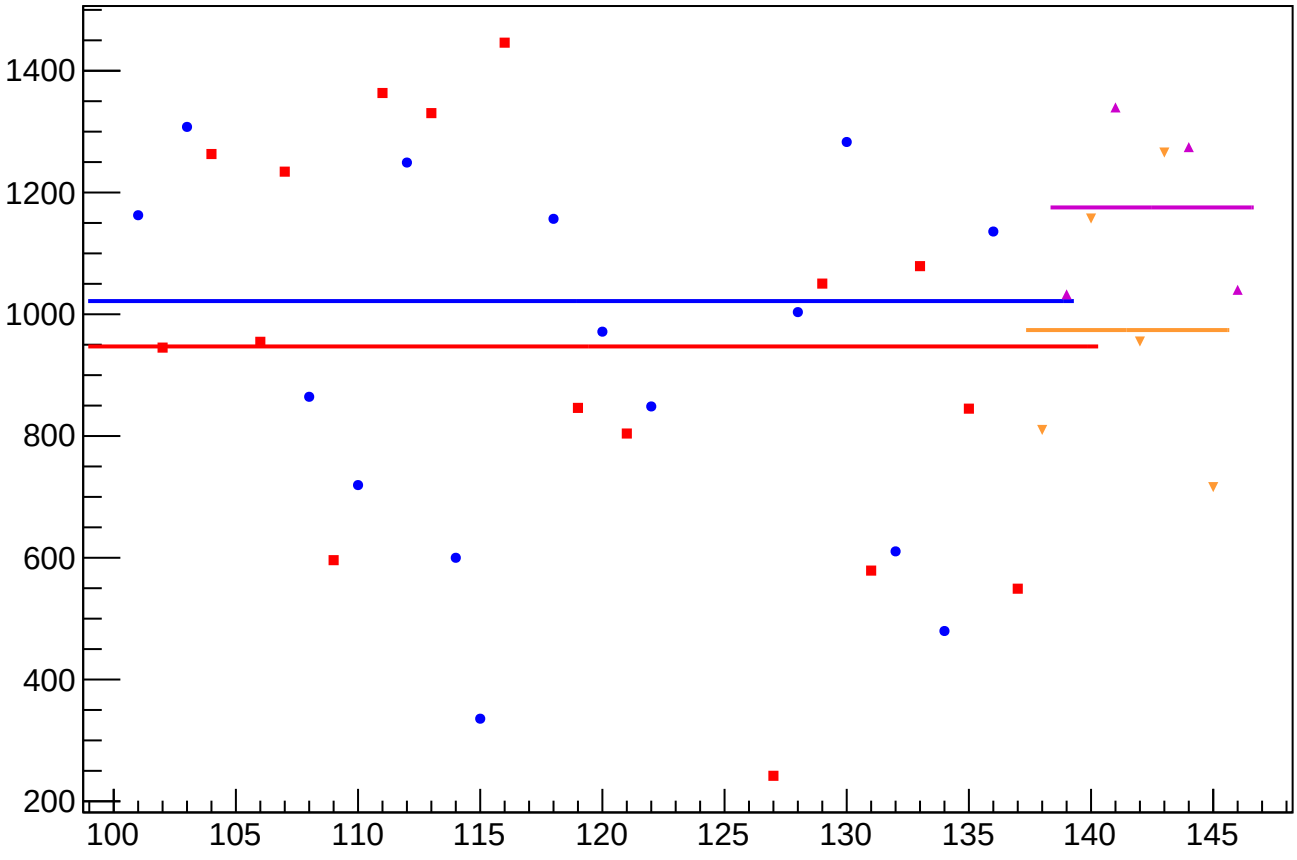
All: 1397.302+/-0.000 χ^2/NDF: 7483065026 3

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

- sign 1351.932+/-0.000 χ^2/NDF: 3353806804174 1

Left In: 1591.299+/-0.000 χ^2/NDF:2921100436992990744219607583374599782 4.0/3

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

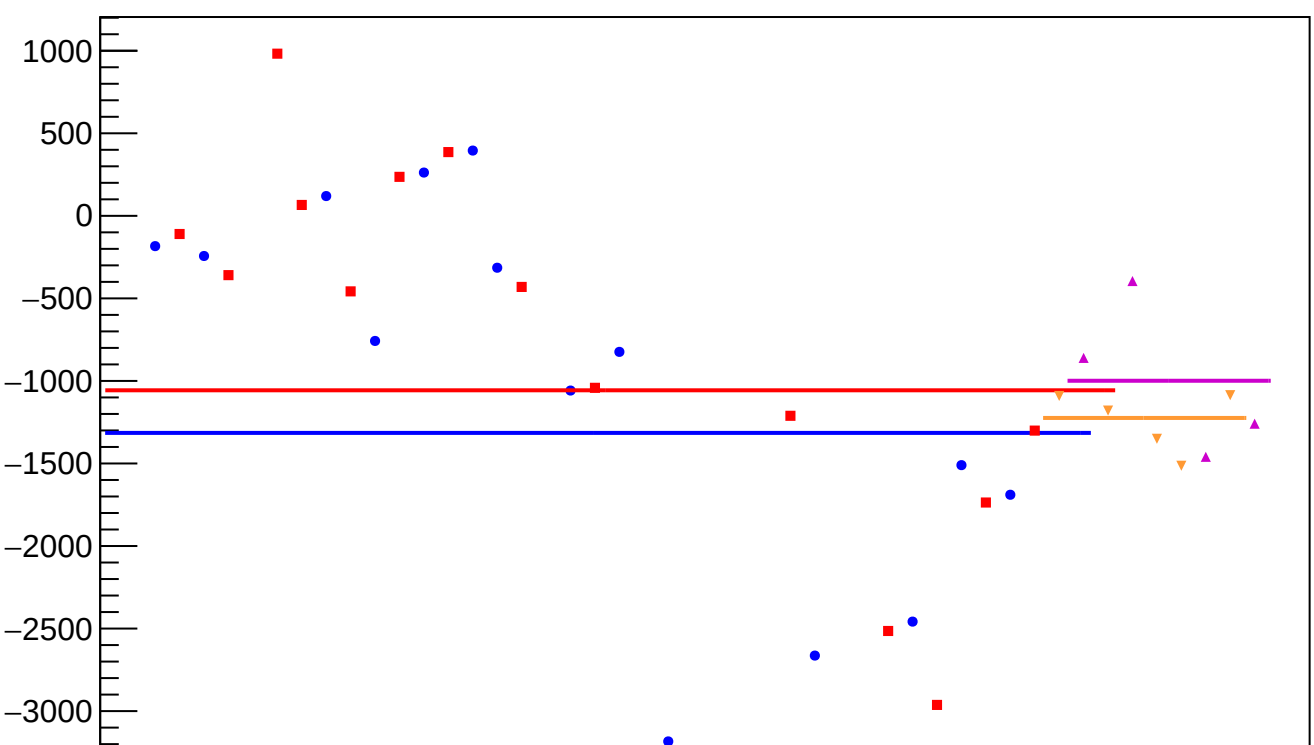
All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

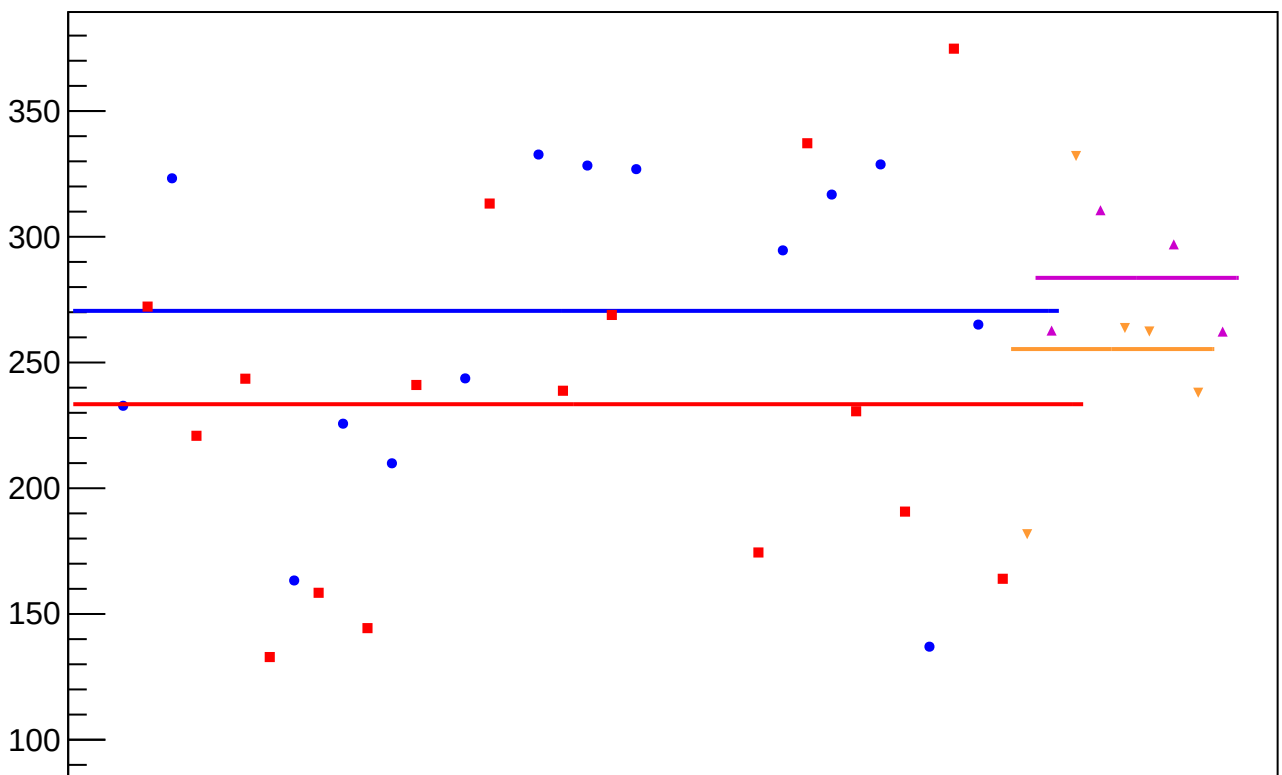
Left Out: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
+ sign -1282.821+/-0.000 χ^2/NDF: 9773982422858
Left Out: -1224.227+/-0.000 χ^2/NDF:943754146919930613326102645485810483 2.0/4
All: -1159.955+/-0.000 χ^2/NDF: 2192608467
Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
- sign -1037.332+/-0.000 χ^2/NDF: 1184957354718 8
Left In: -998.984+/-0.000 χ^2/NDF:570668189218208162552505813619336806 40.0/3

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

+ sign 265.178+/-0.000 χ^2/NDF: 34636562448831

Left Out: 255.351+/-0.000 χ^2/NDF:936982136407804925692617718799269888.0/4

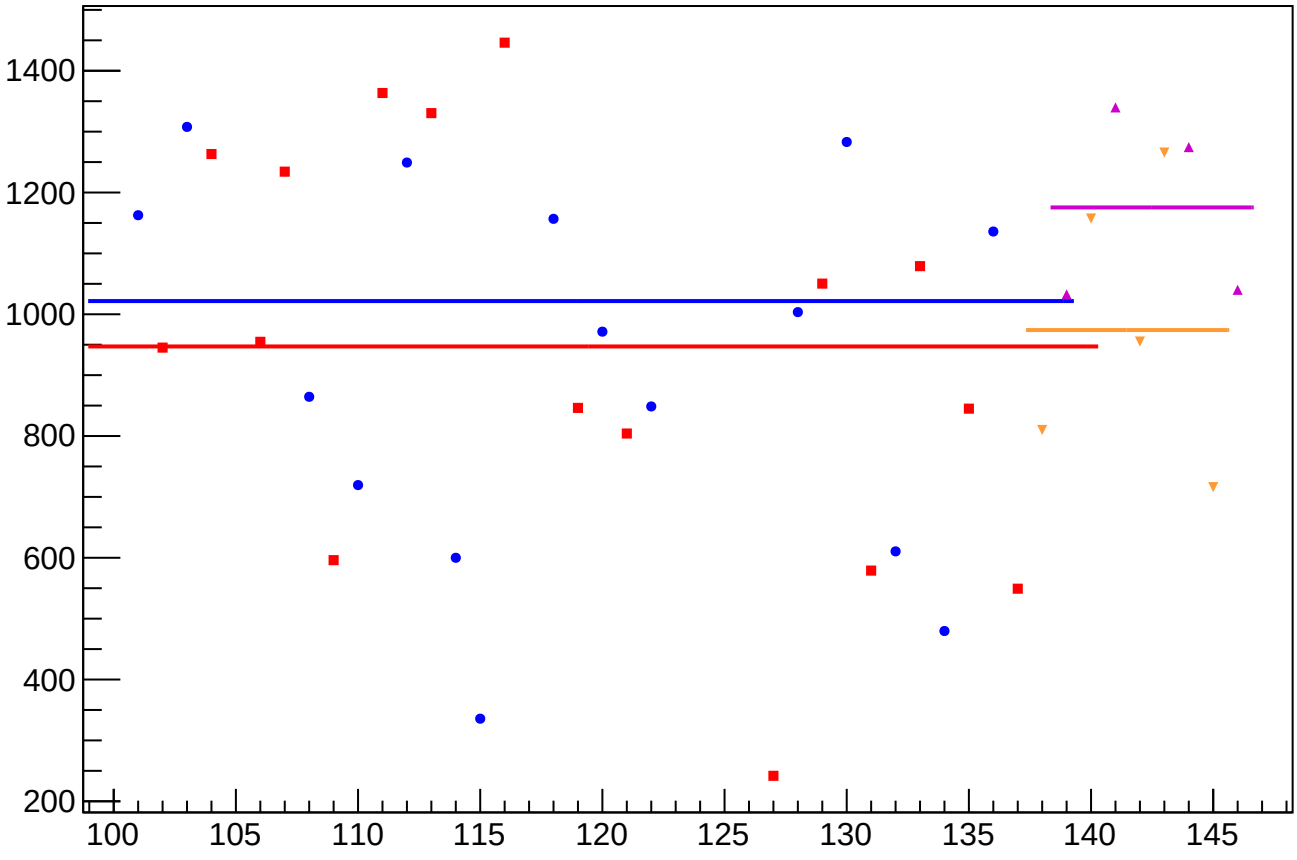
All: 257.741+/-0.000 χ^2/NDF: 73400915042

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

- sign 250.319+/-0.000 χ^2/NDF: 376560899727939

Left In: 283.667+/-0.000 χ^2/NDF:1507421275507728356426708736656015 36.0/3

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

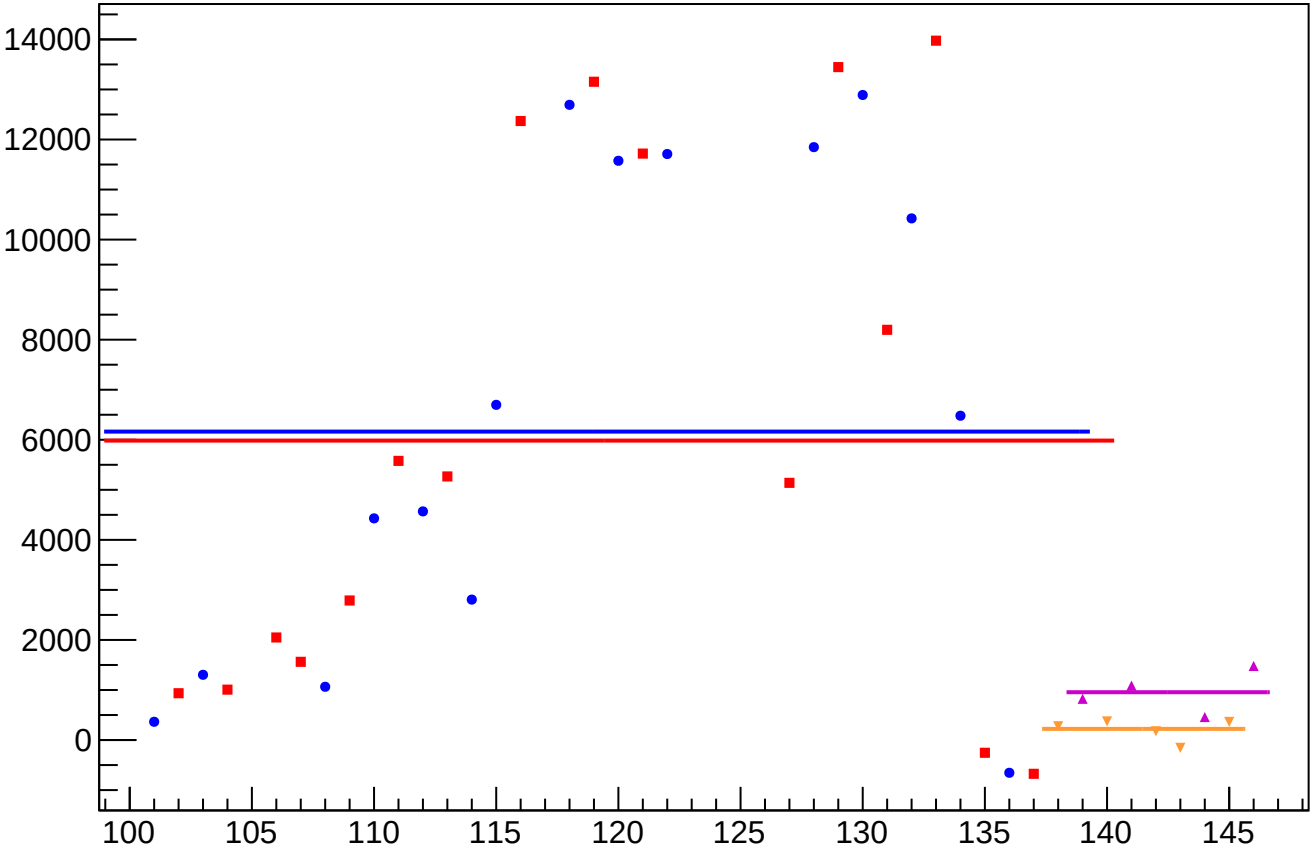
All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

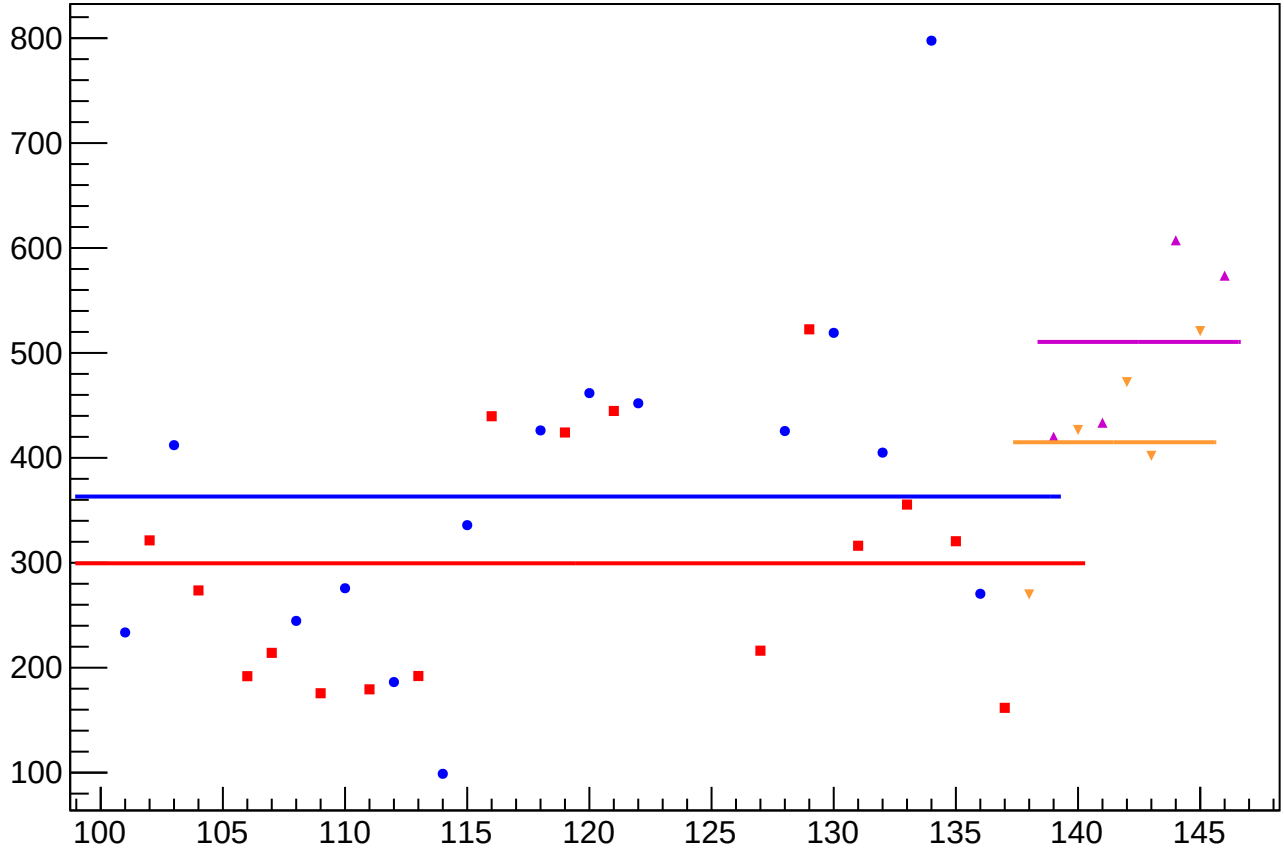
Left Out: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14
+ sign 4066.840+/-0.000 χ^2/NDF: 2629702582798 1
Left Out: 223.065+/-0.000 χ^2/NDF:1335032465955022634131868106453994700 8.0/4
All: 4179.929+/-0.000 χ^2/NDF: 4954708961 8
Right Out: 5983.876+/-0.000 χ^2/NDF: 1750520191327627355916108876415584174080 0.0/15
- sign 4292.793+/-0.000 χ^2/NDF: 2322443444178 6
Left In: 955.655+/-0.000 χ^2/NDF:4763743875172943322721631907495280640 0.0/3

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 414.876+/-0.000 χ^2/NDF:272288794204031318877859598908470067 2.0/4

Right Out: 299.514+/-0.000 χ^2/NDF: 768549731874422521835465282898467225 6.0/15

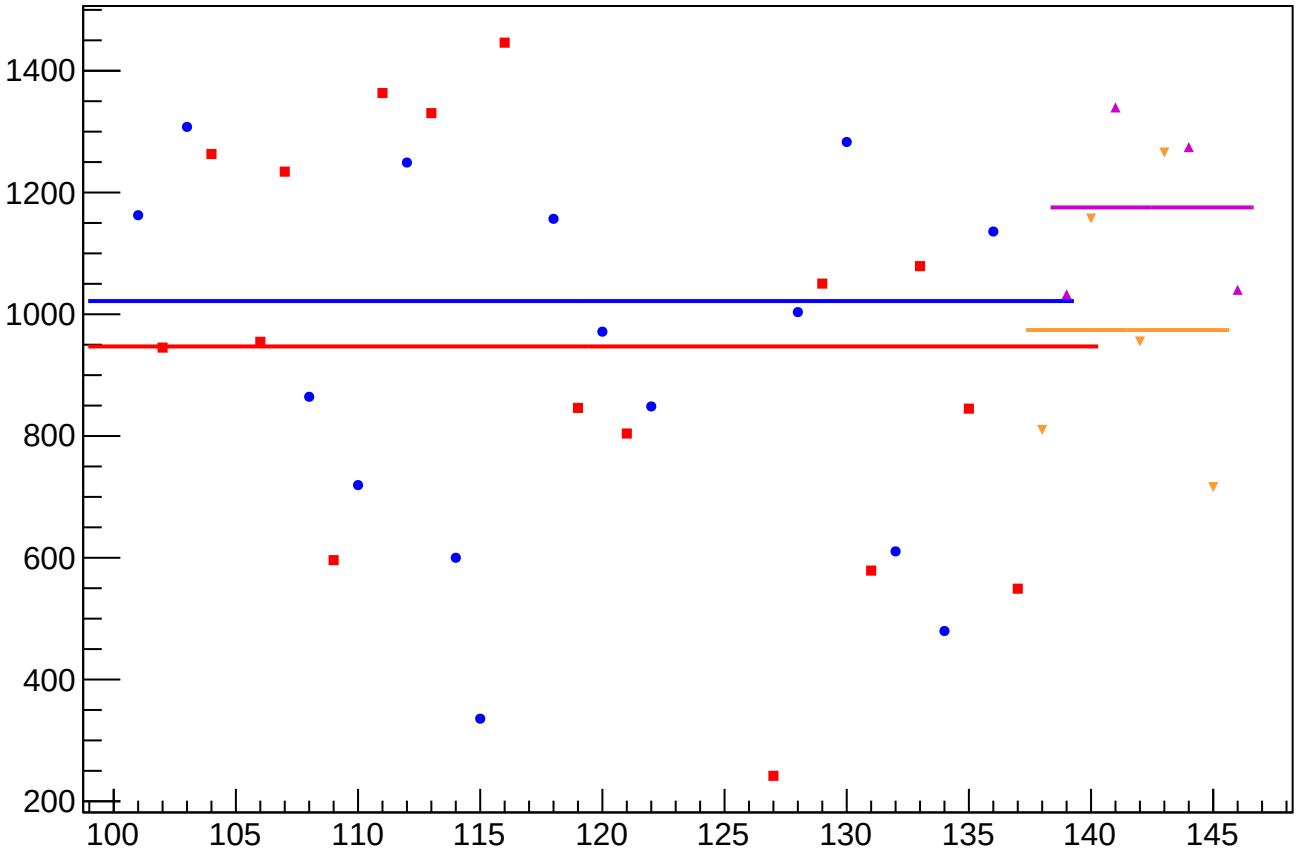
Left In: 510.493+/-0.000 χ^2/NDF:233063779270777204970867188433944576 0.0/3

+ sign 381.395+/-0.000 χ^2/NDF: 148389374855044

All: 375.927+/-0.000 χ^2/NDF: 34900067931 8

- sign 370.470+/-0.000 χ^2/NDF: 200012128065146

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

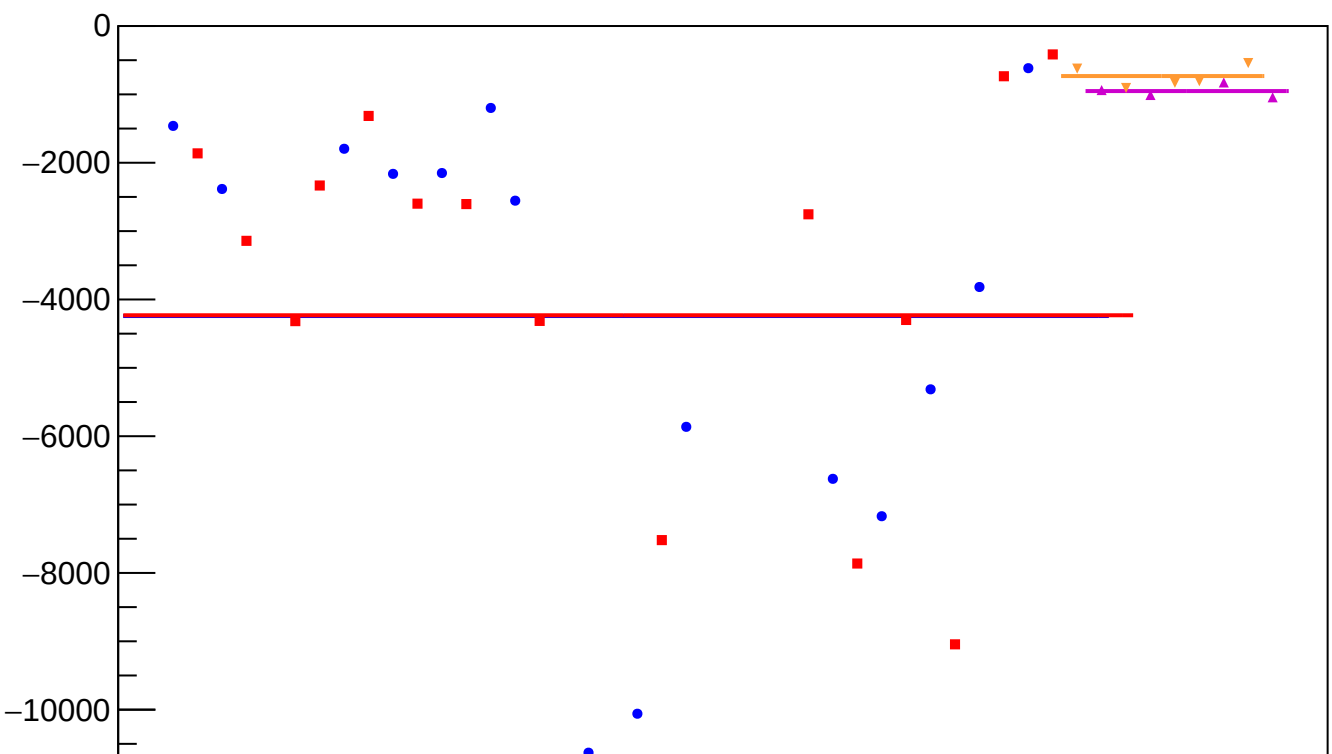
- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

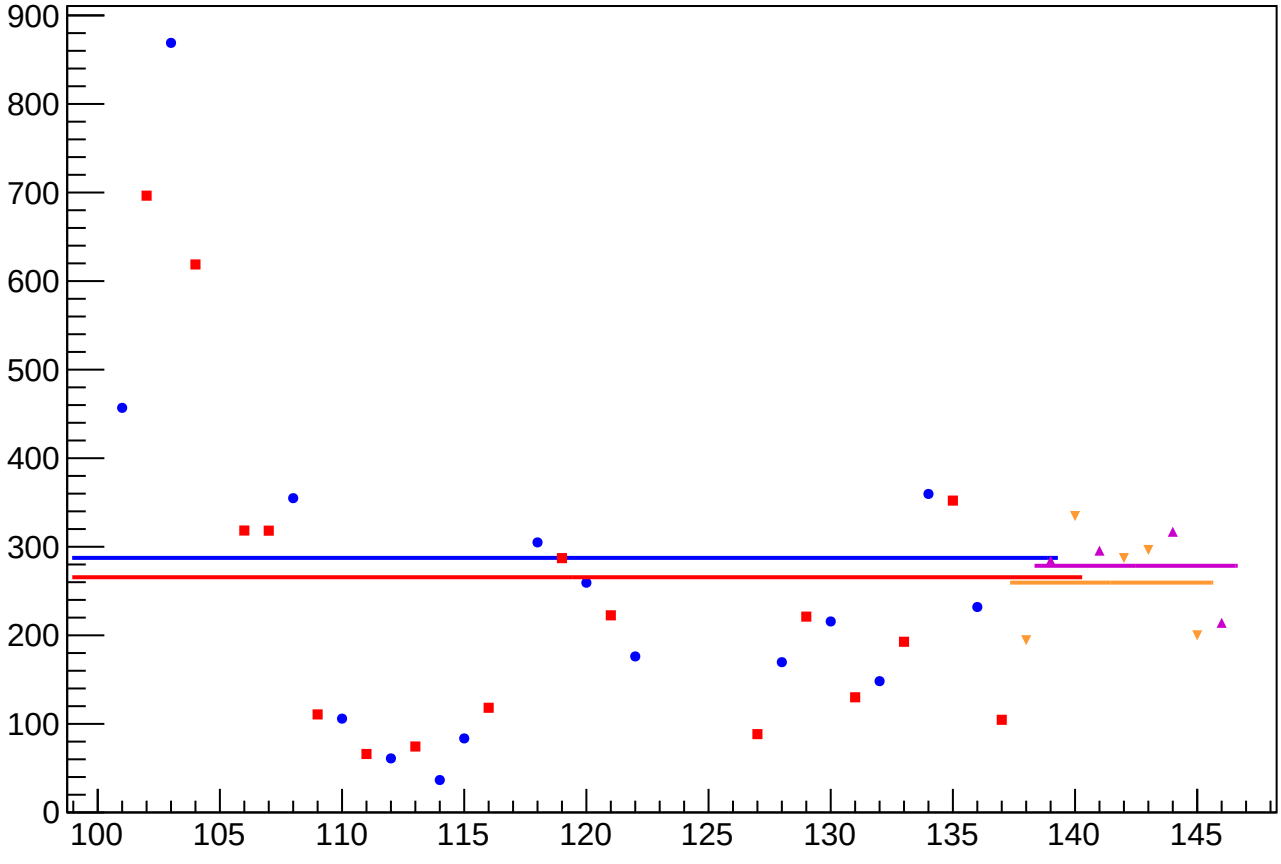
Left In: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF: 6783472272174151371145601081742110752768.0/14
+ sign -3003.263+/-0.000 χ^2/NDF: 9613076545652
Left Out: -731.925+/-0.000 χ^2/NDF:7175787759711986433064832770452226048.0/4
All: -3065.714+/-0.000 χ^2/NDF: 1871825172
Right Out: -4230.978+/-0.000 χ^2/NDF: 6682409528103016752204343573740930465792.0/15
- sign -3128.042+/-0.000 χ^2/NDF: 9097359191084
Left In: -951.537+/-0.000 χ^2/NDF:2400196347639948714963754267340439552.0/3

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

+ sign 277.603+/-0.000 χ^2/NDF: 309023487355011

Left Out: 259.534+/-0.000 χ^2/NDF:120666970409174235474691345200919347 2.0/4

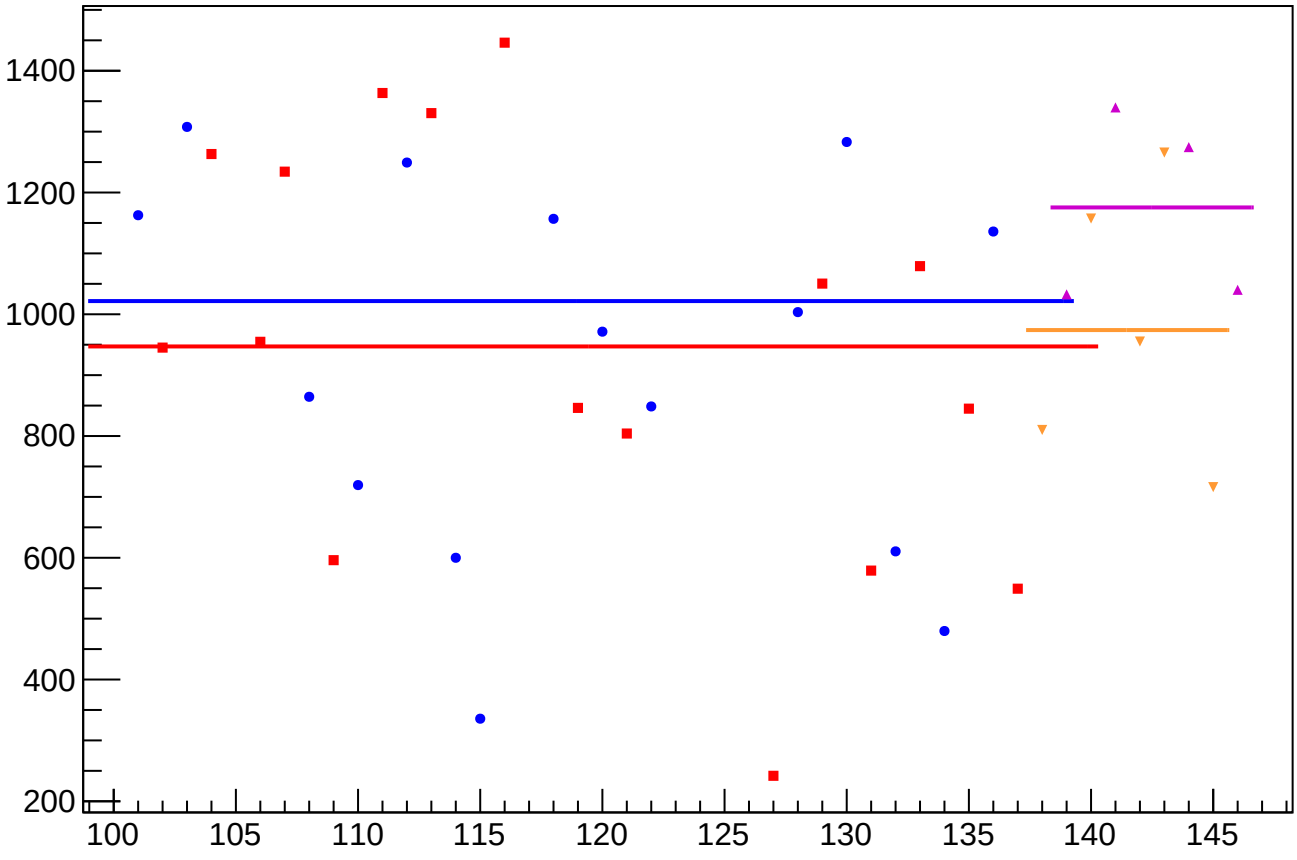
All: 273.769+/-0.000 χ^2/NDF: 57315730855 4

Right Out: 265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

- sign 269.942+/-0.000 χ^2/NDF: 263839153891817

Left In: 278.524+/-0.000 χ^2/NDF:503139892146276636897339765493334016.0/3

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

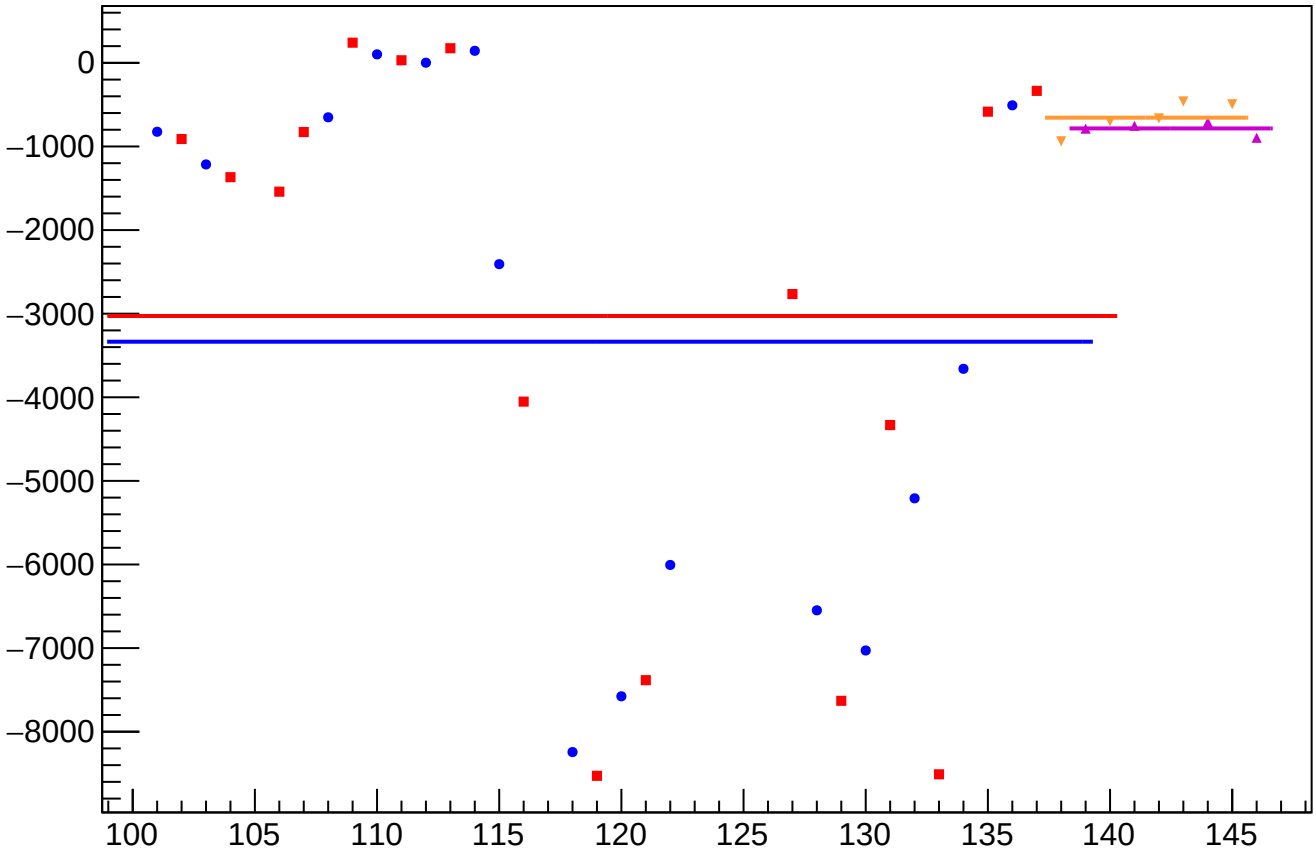
All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

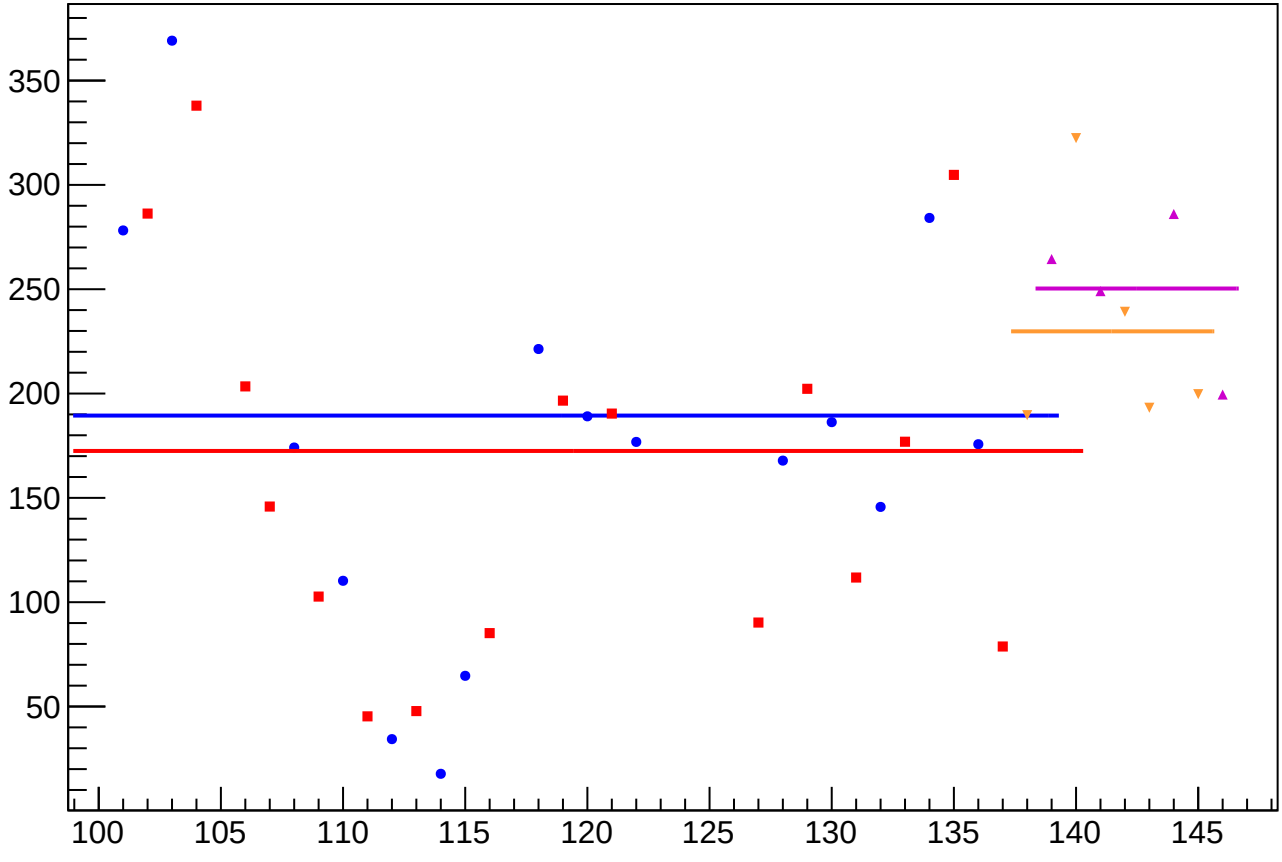
Left Out: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -2389.486+/-0.000 χ^2/NDF: 7993950175979
Left Out: -655.544+/-0.000 χ^2/NDF:110044361791527197210497032104653619 20.0/4
All: -2331.231+/-0.000 χ^2/NDF: 1621758342
Right Out: -3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
- sign -2273.091+/-0.000 χ^2/NDF: 82168322852546
Left In: -784.158+/-0.000 χ^2/NDF:164082875547479848045356506858861363 2.0/3

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

+ sign 203.689+/-0.000 χ^2/NDF: 607698856978289

Left Out: 229.811+/-0.000 χ^2/NDF:9964666799213282968386359891706511 36.0/4

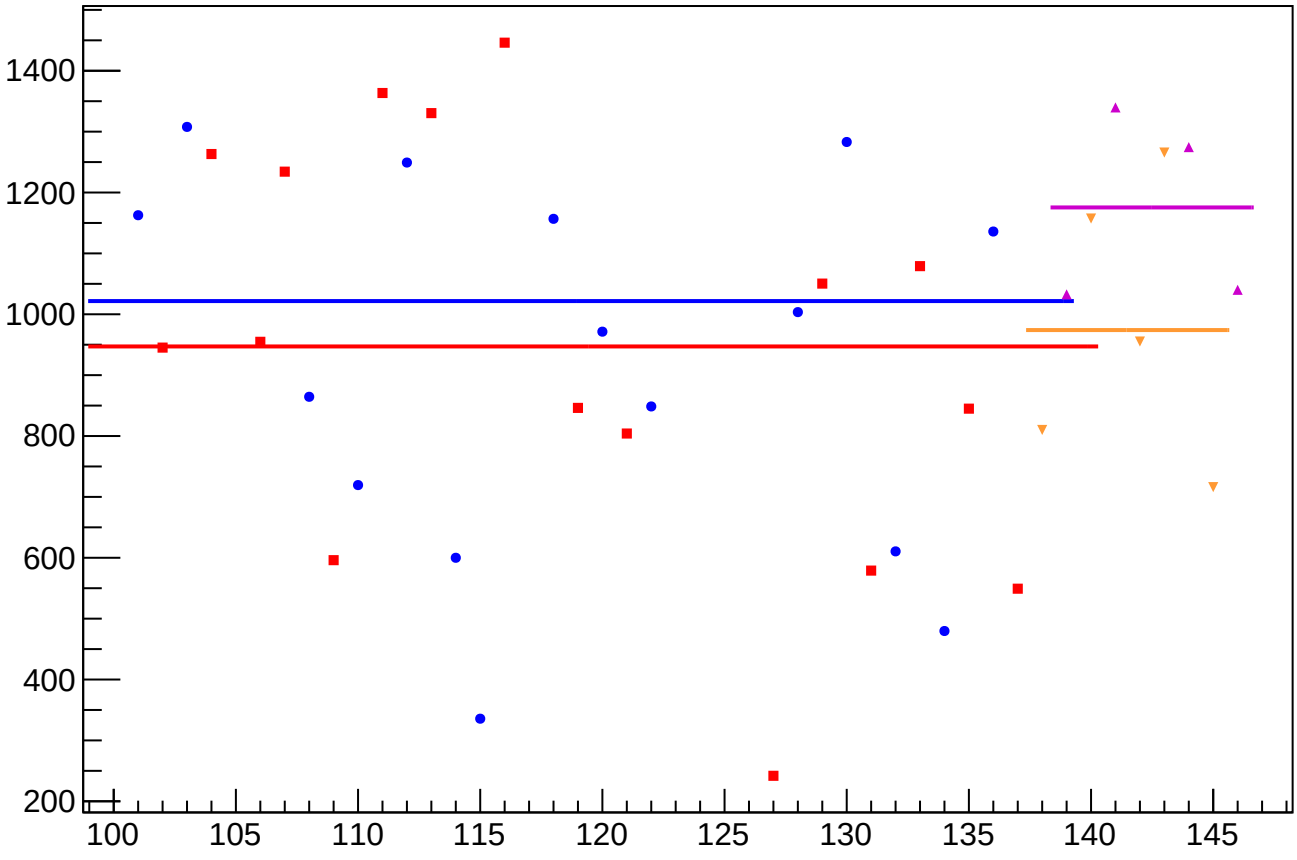
All: 201.176+/-0.000 χ^2/NDF: 13388206577 3

Right Out: 172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453 4272.0/15

- sign 198.667+/-0.000 χ^2/NDF: 729855756990265

Left In: 250.336+/-0.000 χ^2/NDF:344159073829649073652480254423334912.0/3

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1004.874+/-0.000 χ^2/NDF: 5697182406681 9

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

All: 1014.416+/-0.000 χ^2/NDF: 1429738256 6

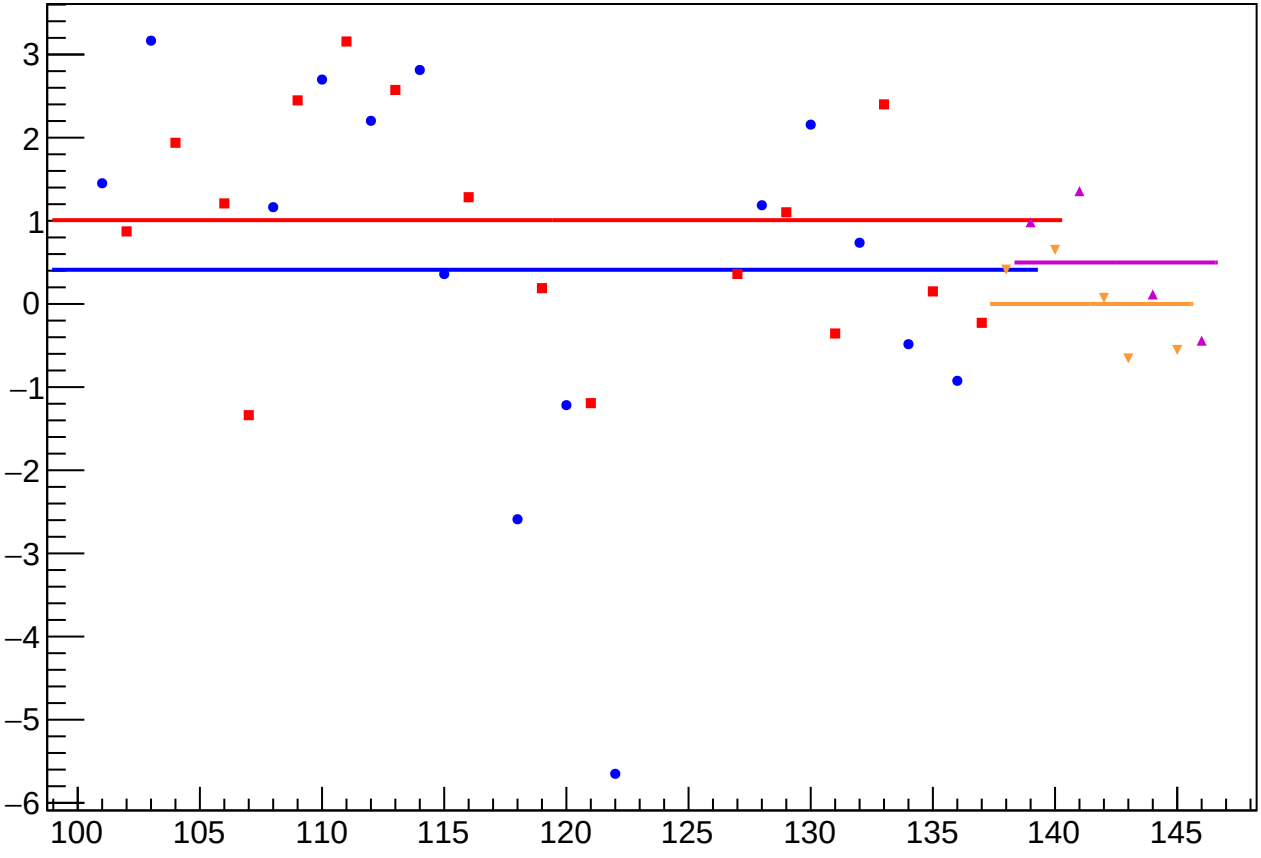
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1023.939+/-0.000 χ^2/NDF: 8581953911807 7

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Left In: 1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

+ sign 0.266+/-0.000 χ^2/NDF: 3525969342791536 3

Left Out: 0.000+/-0.000 χ^2/NDF:1017479526053908263696990585487 36.0/4

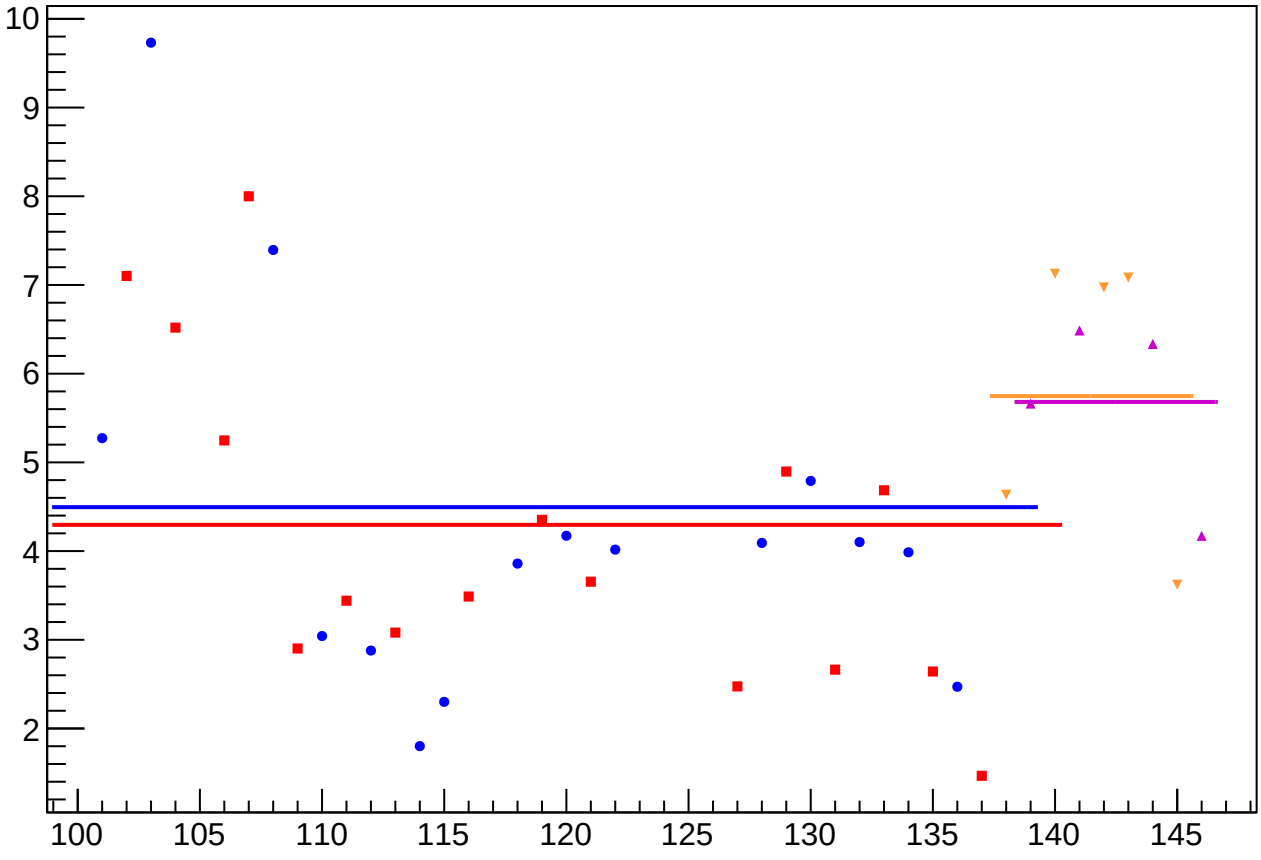
All: 0.552+/-0.000 χ^2/NDF: 5043922518145 0

Right Out: 1.008+/-0.000 χ^2/NDF: 1128402228144096394498047410700288.0/15

- sign 0.837+/-0.000 χ^2/NDF: 1354627650042087 0

Left In: 0.499+/-0.000 χ^2/NDF:1680872723377496649142520543969 28.0/3

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

+ sign 4.937+/-0.000 χ^2/NDF: 3908639437009445 7

Left Out: 5.747+/-0.000 χ^2/NDF:807447003287322228015214436024320.0/4

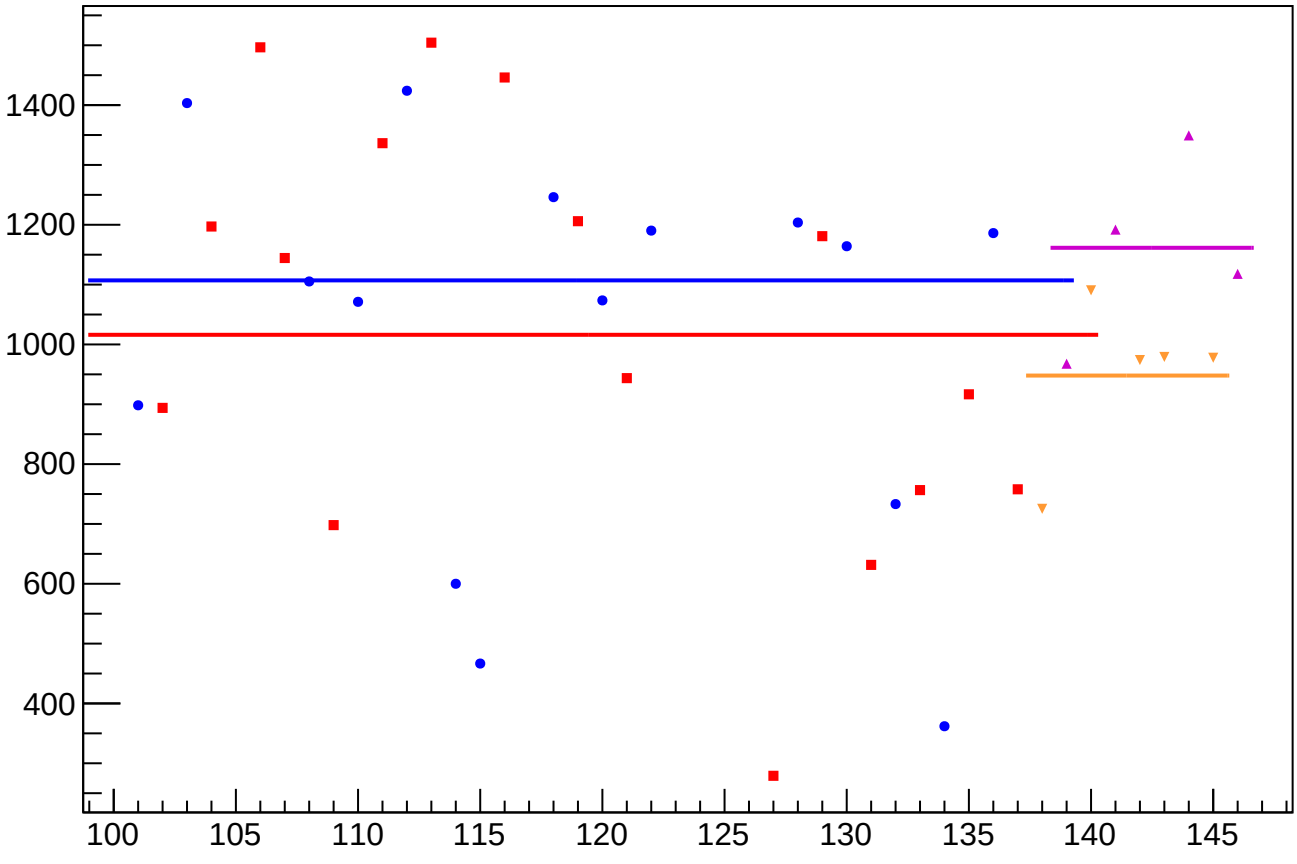
All: 4.849+/-0.000 χ^2/NDF: 6649033340713 0

Right Out: 4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

- sign 4.762+/-0.000 χ^2/NDF: 2724954428627424 4

Left In: 5.681+/-0.000 χ^2/NDF:282270633120519636724078388183040.0/3

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

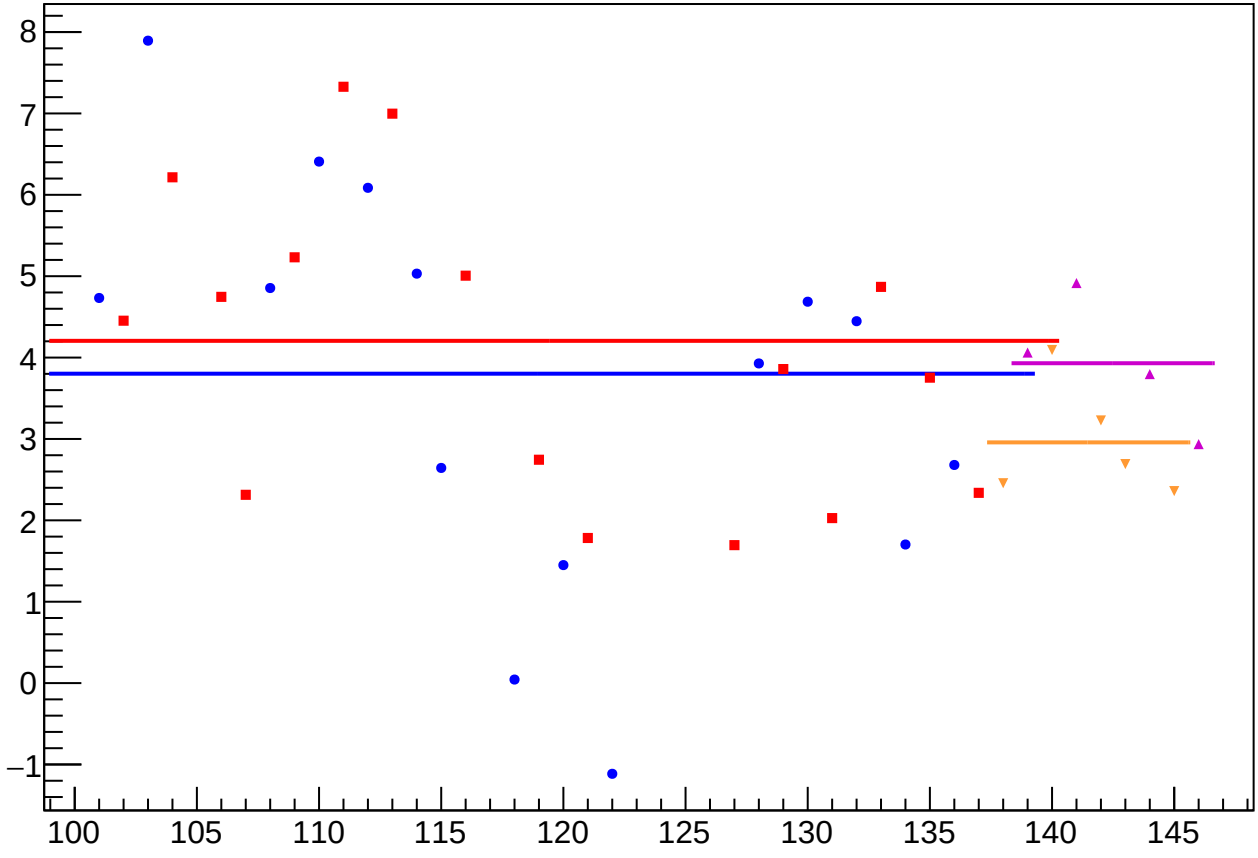
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803840/14

+ sign 3.504+/-0.000 χ^2/NDF: 41211768068028048

Left Out: 2.958+/-0.000 χ^2/NDF:16251112284210372191278804972339 2.0/4

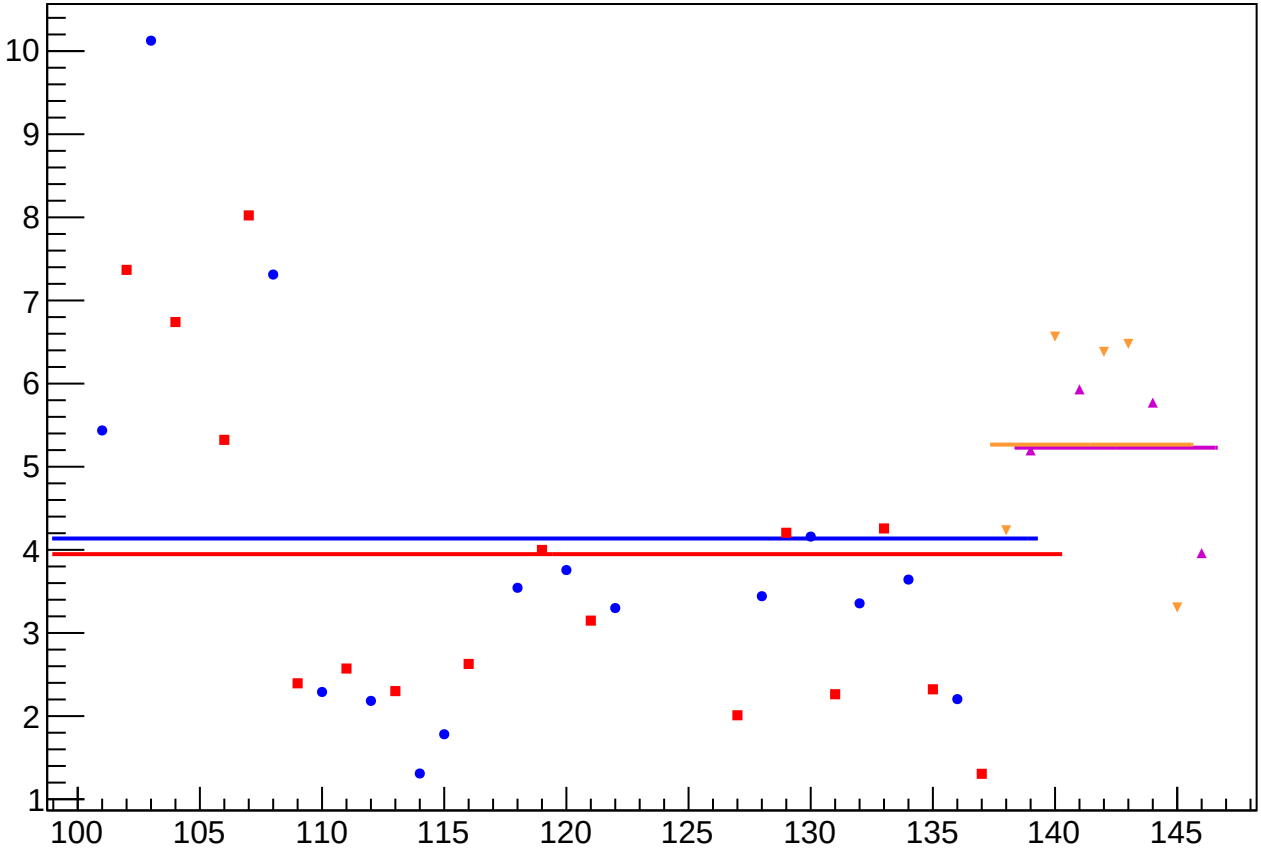
All: 3.809+/-0.000 χ^2/NDF: 6588364000236 4

Right Out: 4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

- sign 4.113+/-0.000 χ^2/NDF: 22809393822192276

Left In: 3.931+/-0.000 χ^2/NDF:16753236811787560653079246274560 0.0/3

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

+ sign 4.535+/-0.000 χ^2/NDF: 4487660730083461 3

Left Out: 5.266+/-0.000 χ^2/NDF:6878483418308409989206815759400 96.0/4

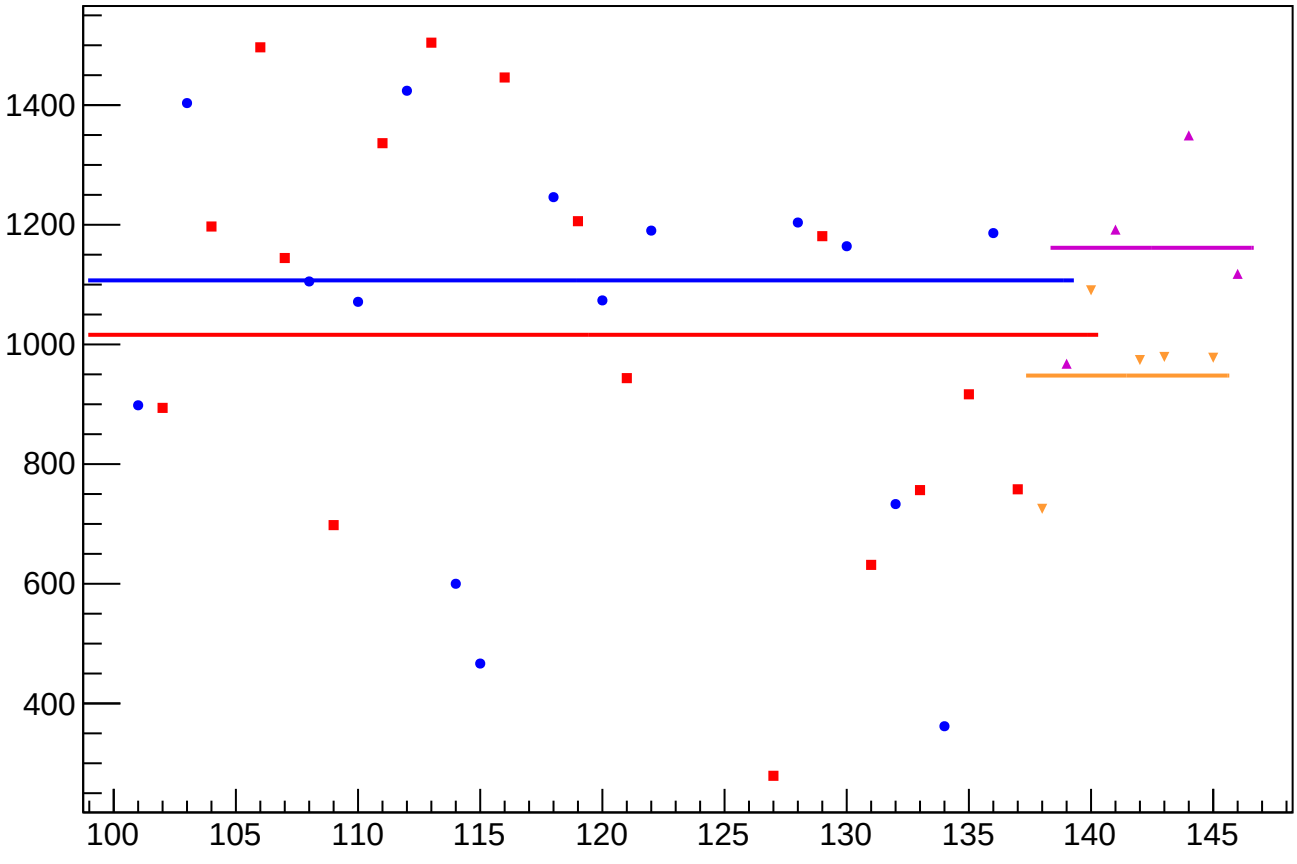
All: 4.457+/-0.000 χ^2/NDF: 7739570959779 0

Right Out: 3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

- sign 4.379+/-0.000 χ^2/NDF: 3239709313350277 8

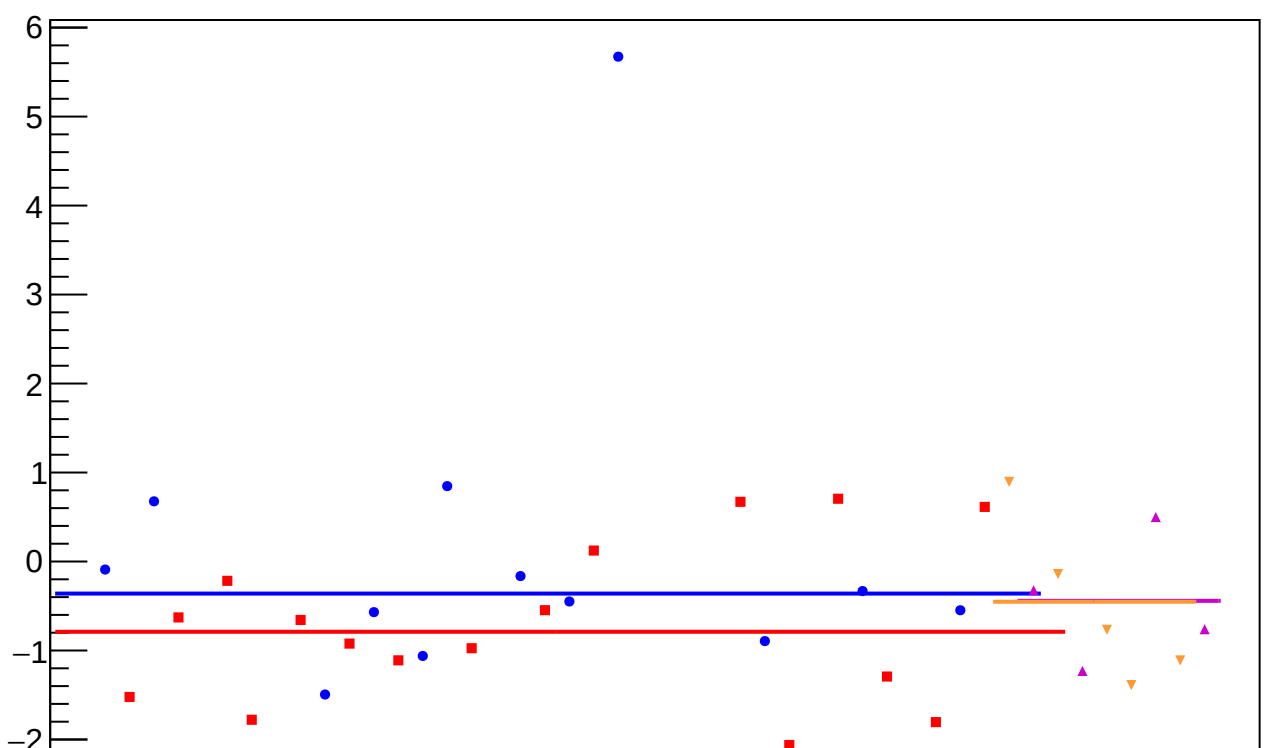
Left In: 5.229+/-0.000 χ^2/NDF:2015816344501801313698789069946 88.0/3

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0
Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8
Left Out: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14

+ sign -0.393+/-0.000 χ^2/NDF: 2430218448241509

Left Out: -0.452+/-0.000 χ^2/NDF:2480246889776582975089515786403 84.0/4

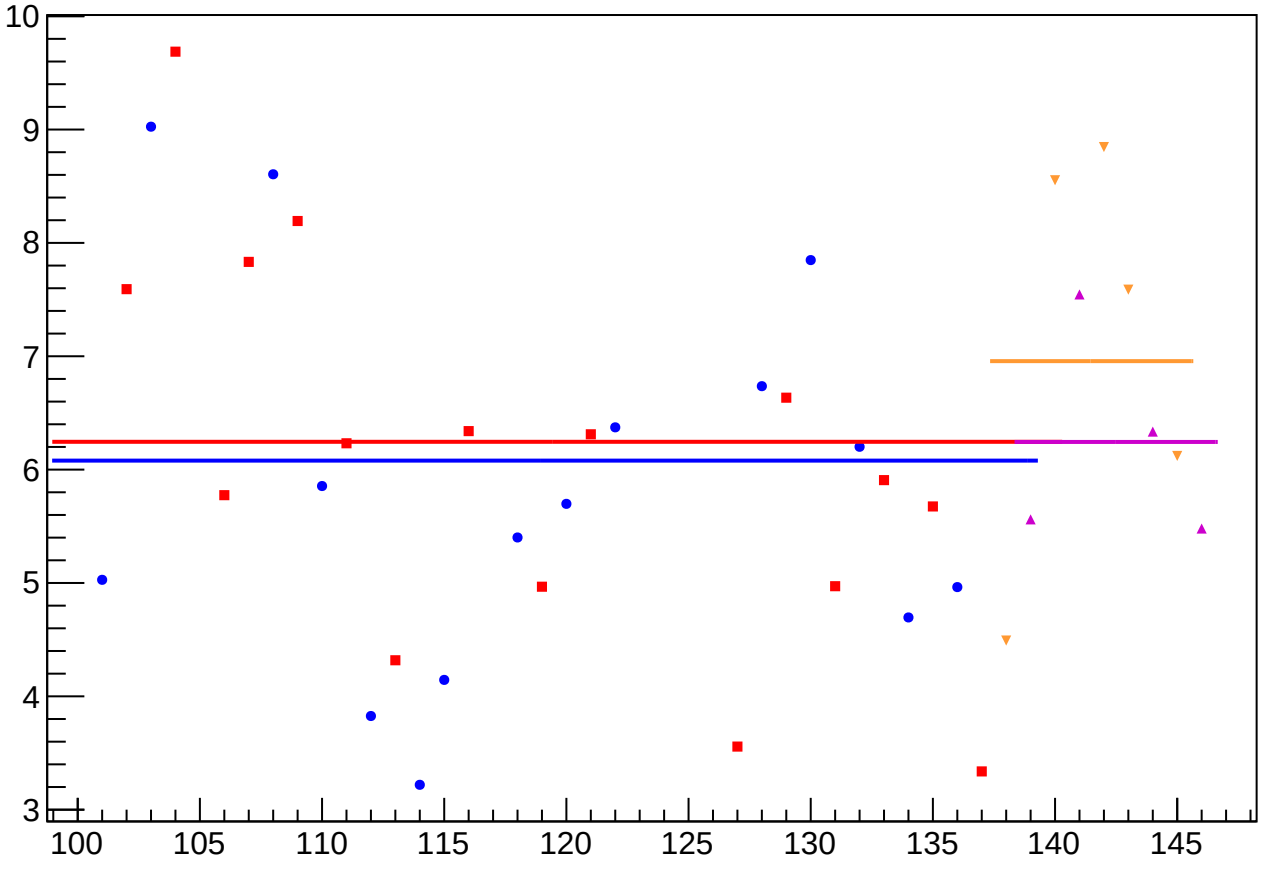
All: -0.533+/-0.000 χ^2/NDF: 3100935399388

Right Out: -0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15

- sign -0.673+/-0.000 χ^2/NDF: 6313582928836551 2

Left In: -0.442+/-0.000 χ^2/NDF:1411828258413508572938665637969 92.0/3

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

+ sign 6.389+/-0.000 χ^2/NDF: 2696668039642888 6

Left Out: 6.957+/-0.000 χ^2/NDF:9299910029954756567381772861440 00.0/4

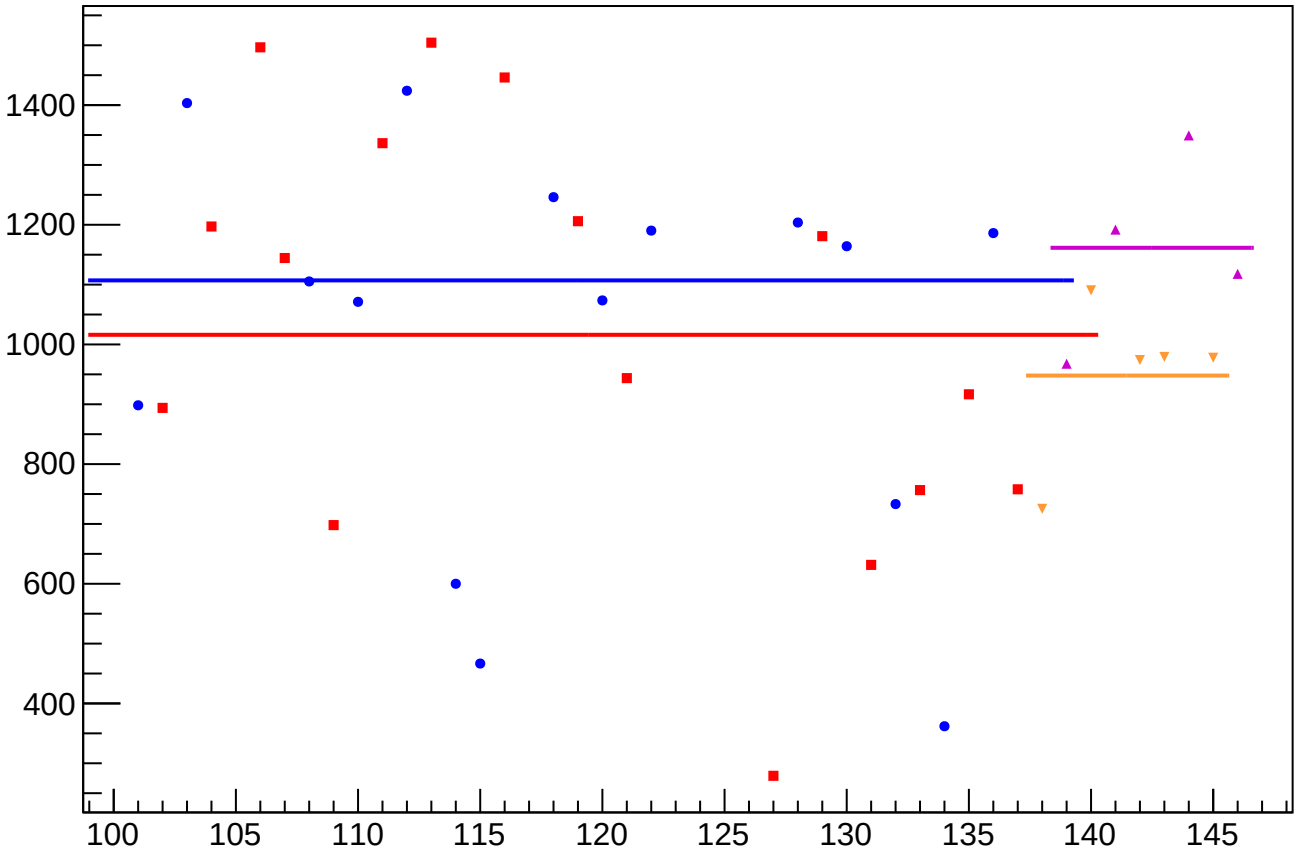
All: 6.317+/-0.000 χ^2/NDF: 4754524577842 8

Right Out: 6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

- sign 6.245+/-0.000 χ^2/NDF: 20474199494649109

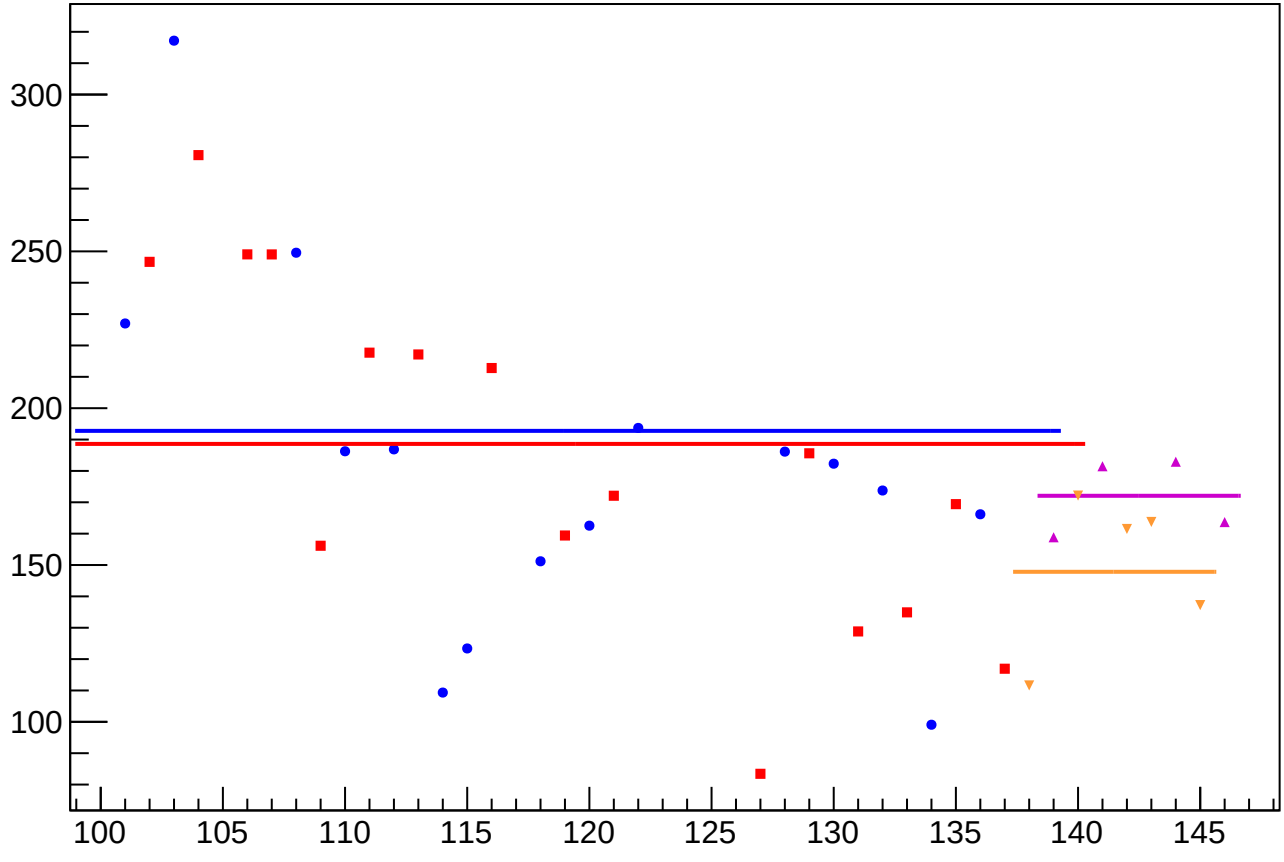
Left In: 6.244+/-0.000 χ^2/NDF:2308904257778372466934066771394 56.0/3

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0
Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8
Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

+ sign 176.912+/-0.000 χ^2/NDF: 228846568119599

Left Out: 147.839+/-0.000 χ^2/NDF:185436866881630688063700469834317824.0/4

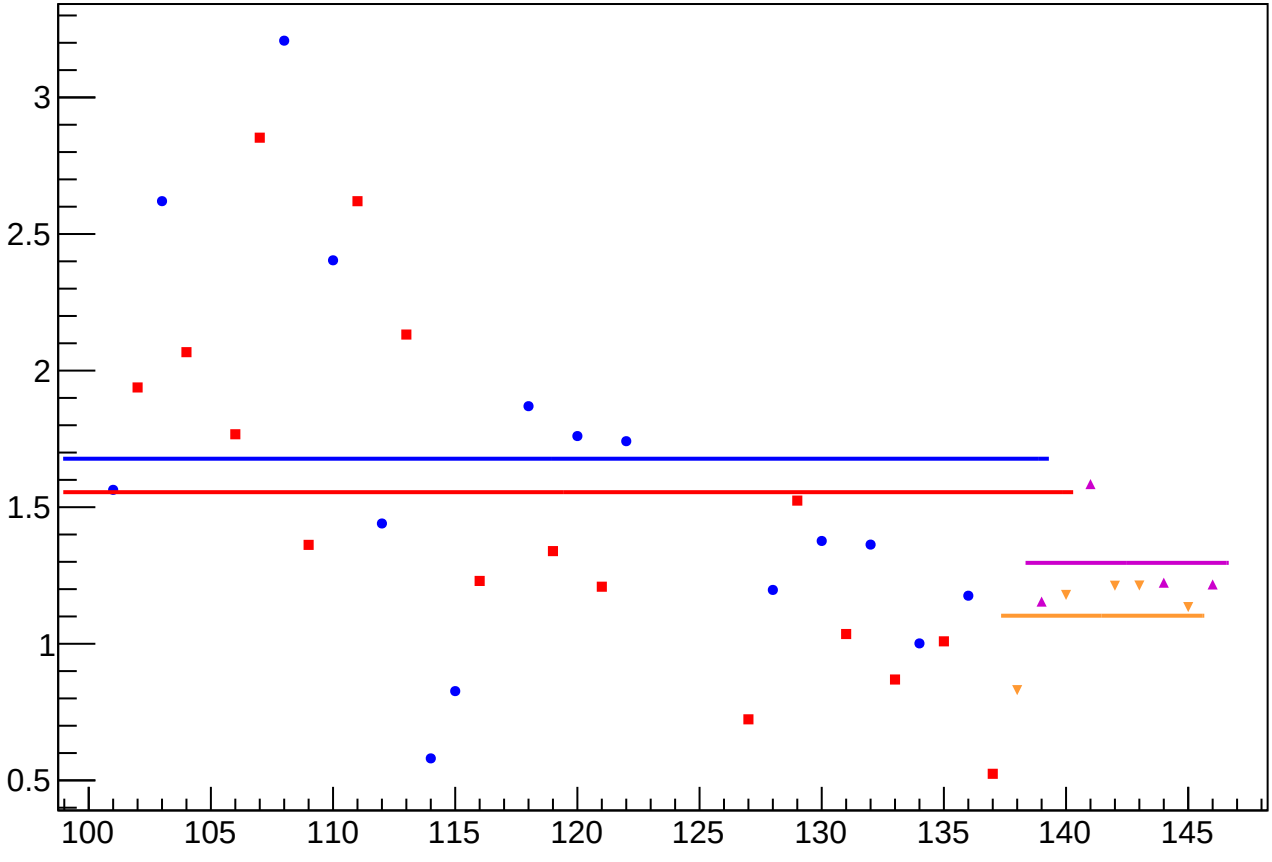
All: 179.984+/-0.000 χ^2/NDF: 432911729772

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

- sign 183.050+/-0.000 χ^2/NDF: 202174306548943

Left In: 172.074+/-0.000 χ^2/NDF:380472463665303081382091048353792 00.0/3

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.475+/-0.000 χ^2/NDF: 3252501974692408 3

Left Out: 1.103+/-0.000 χ^2/NDF:7719393174688433923832932204544.0/4

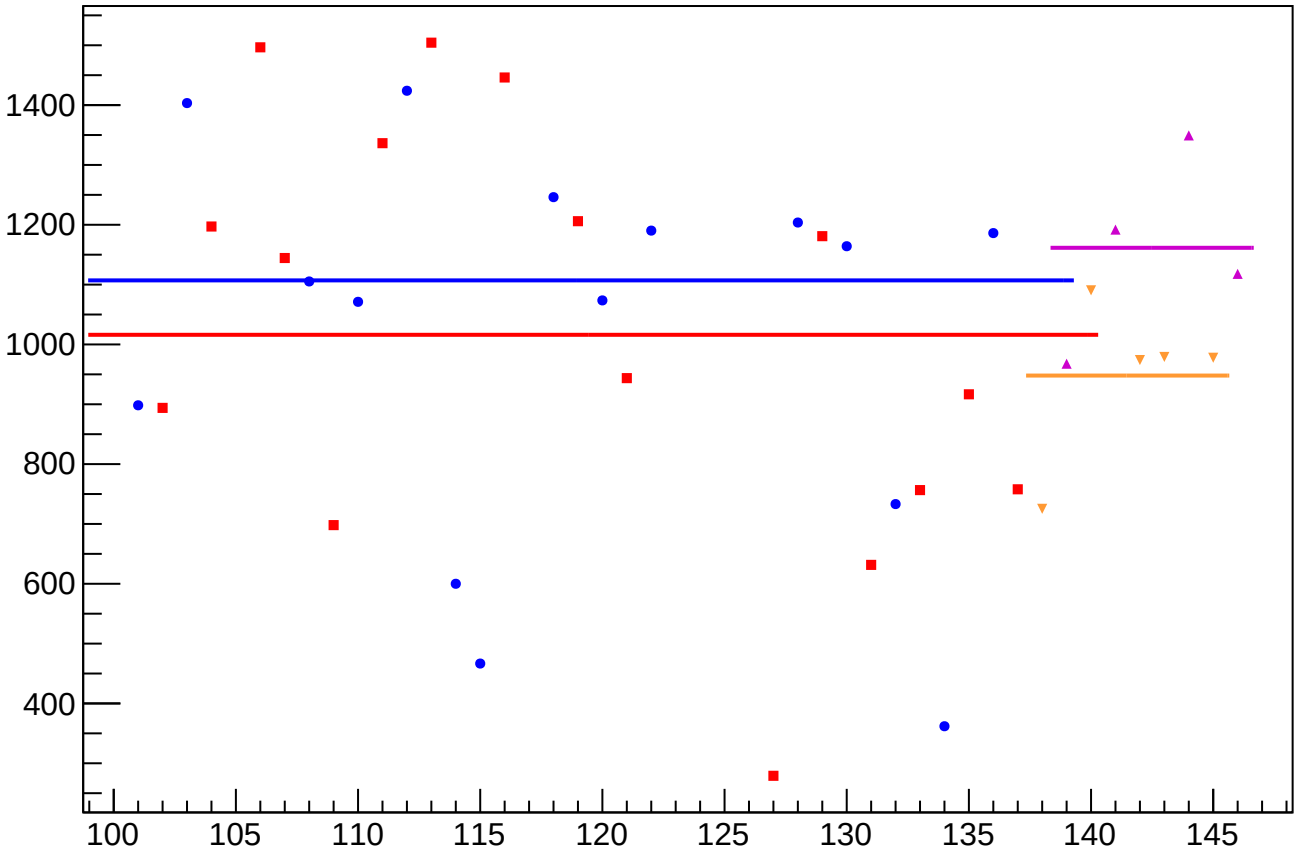
All: 1.471+/-0.000 χ^2/NDF: 6056201687801 7

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.468+/-0.000 χ^2/NDF: 2803477455306796 2

Left In: 1.296+/-0.000 χ^2/NDF:9684398312811148568540699688960.0/3

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

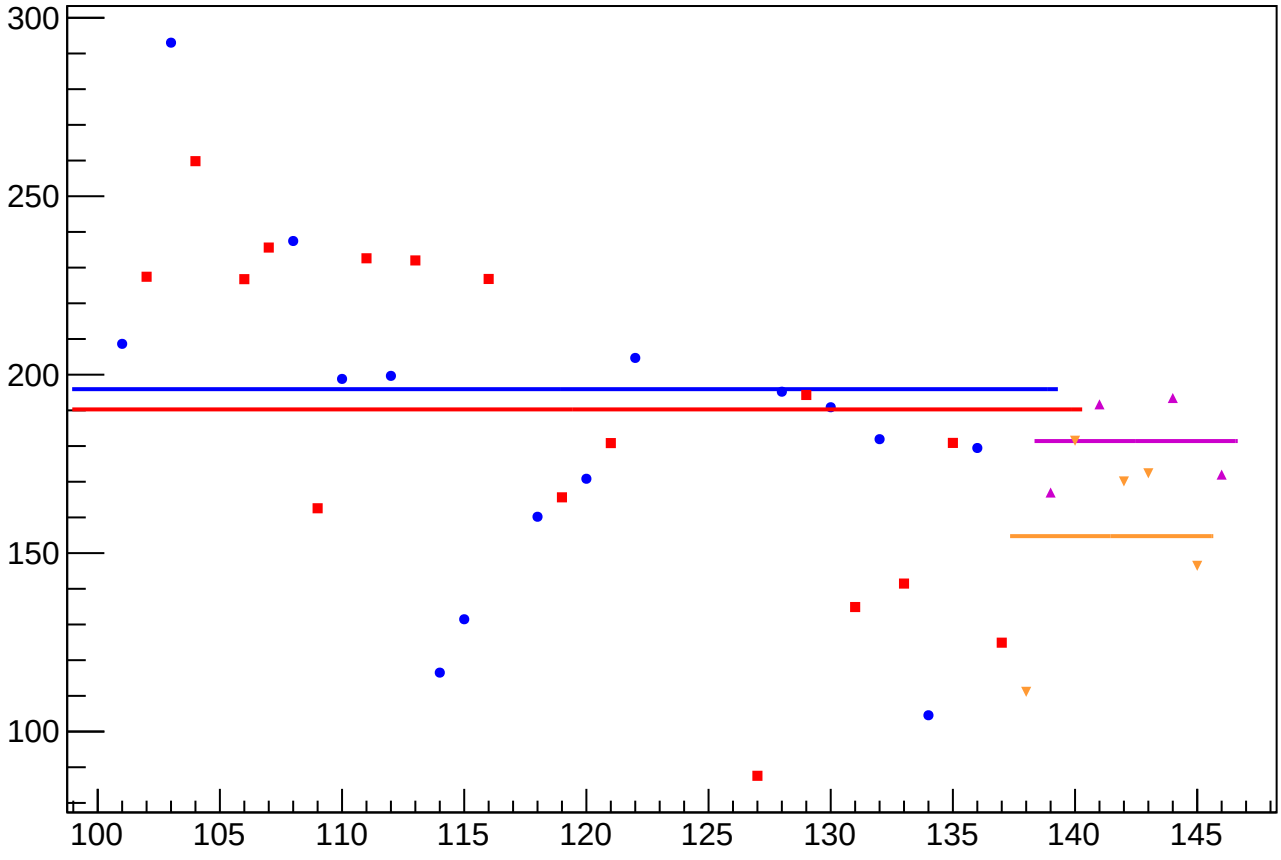
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 154.758+/-0.000 χ^2/NDF:24423614932968659147413217746511462 4.0/4

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

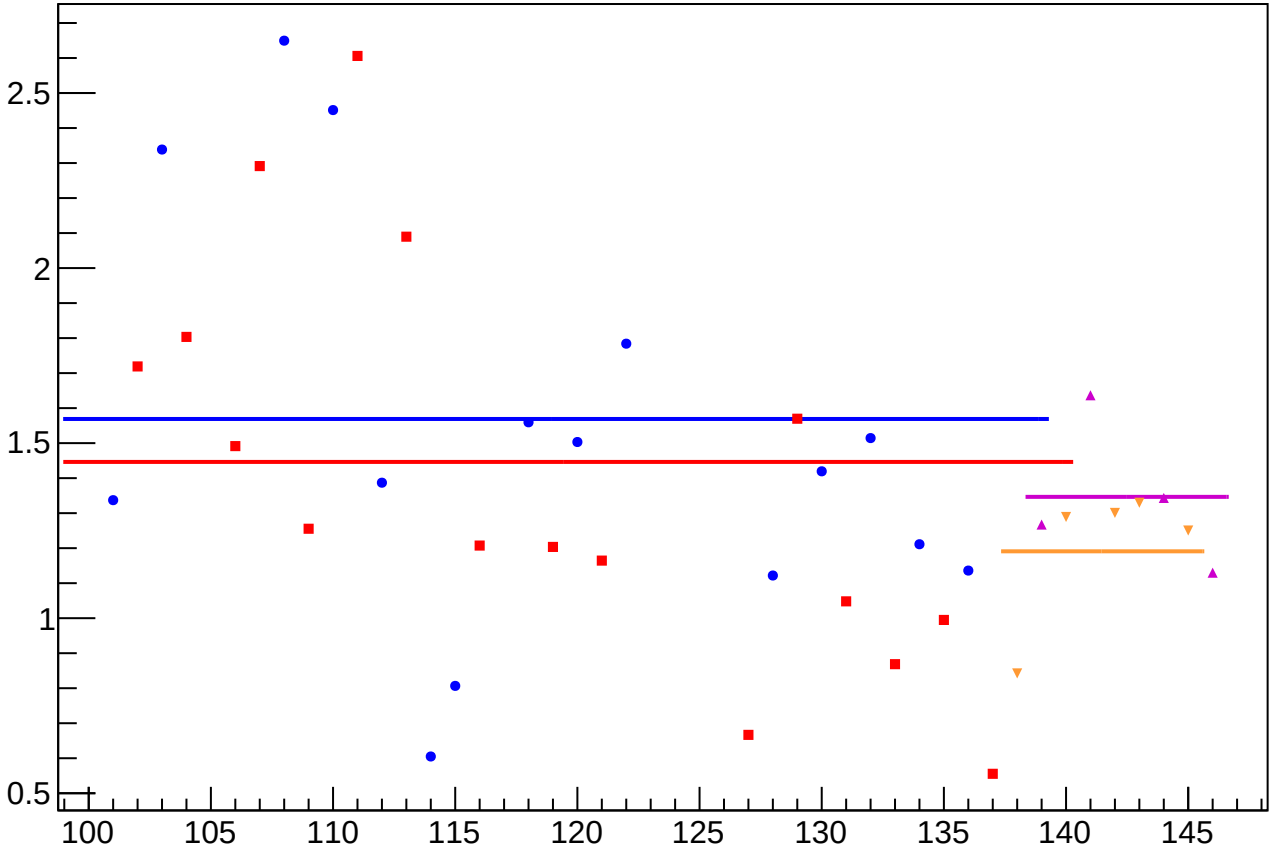
Left In: 181.400+/-0.000 χ^2/NDF:46129722307868550626734319018704896.0/3

+ sign 181.405+/-0.000 χ^2/NDF: 169061228087717

All: 184.348+/-0.000 χ^2/NDF: 324021150543

- sign 187.285+/-0.000 χ^2/NDF: 153224290160429

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Left Out: 1.191+/-0.000 χ^2/NDF:1240369740867661463624101763481 6.0/4

Right Out: 1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

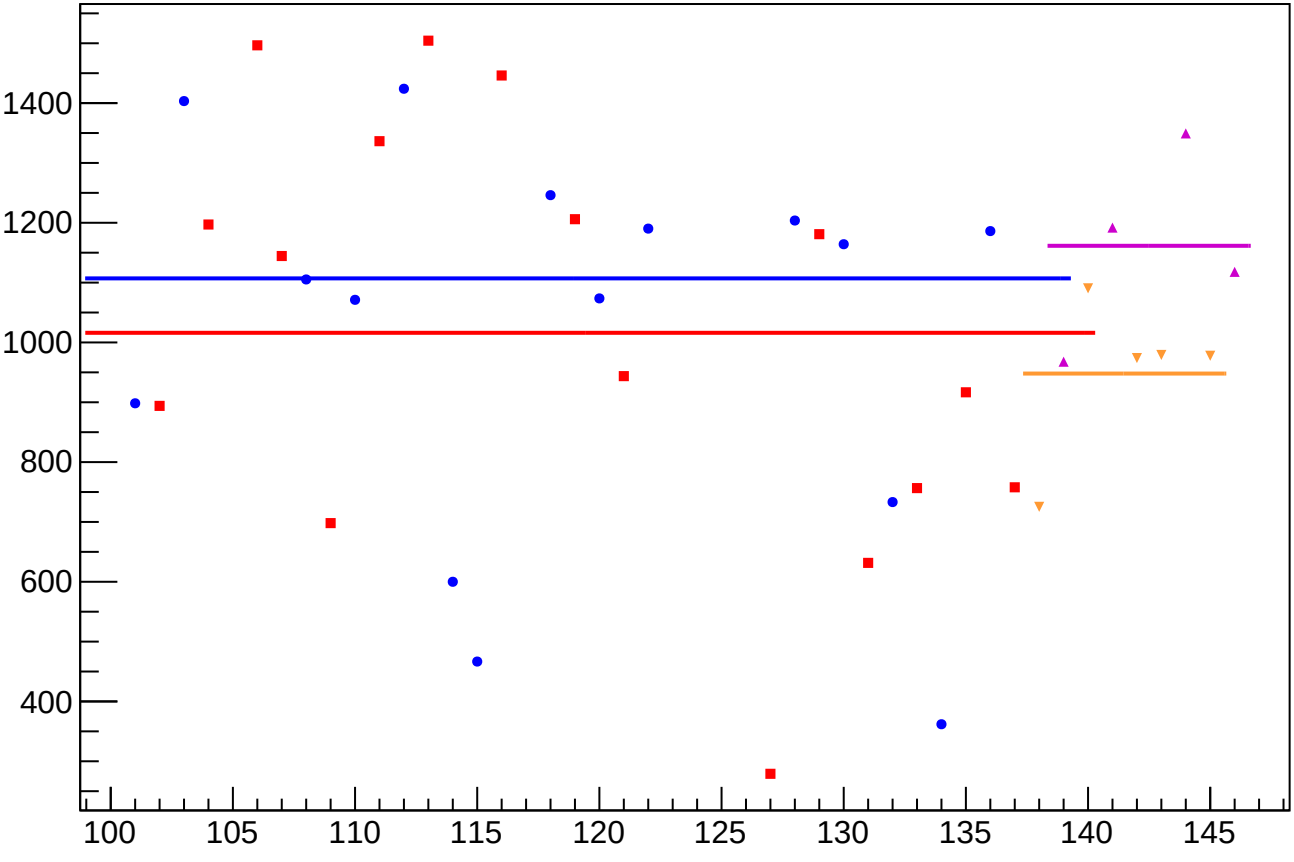
Left In: 1.347+/-0.000 χ^2/NDF:115576366708307072033755402076 16.0/3

+ sign 1.436+/-0.000 χ^2/NDF: 2079841009247006 7

All: 1.424+/-0.000 χ^2/NDF: 4183326097786 7

- sign 1.413+/-0.000 χ^2/NDF: 21008736015474158

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

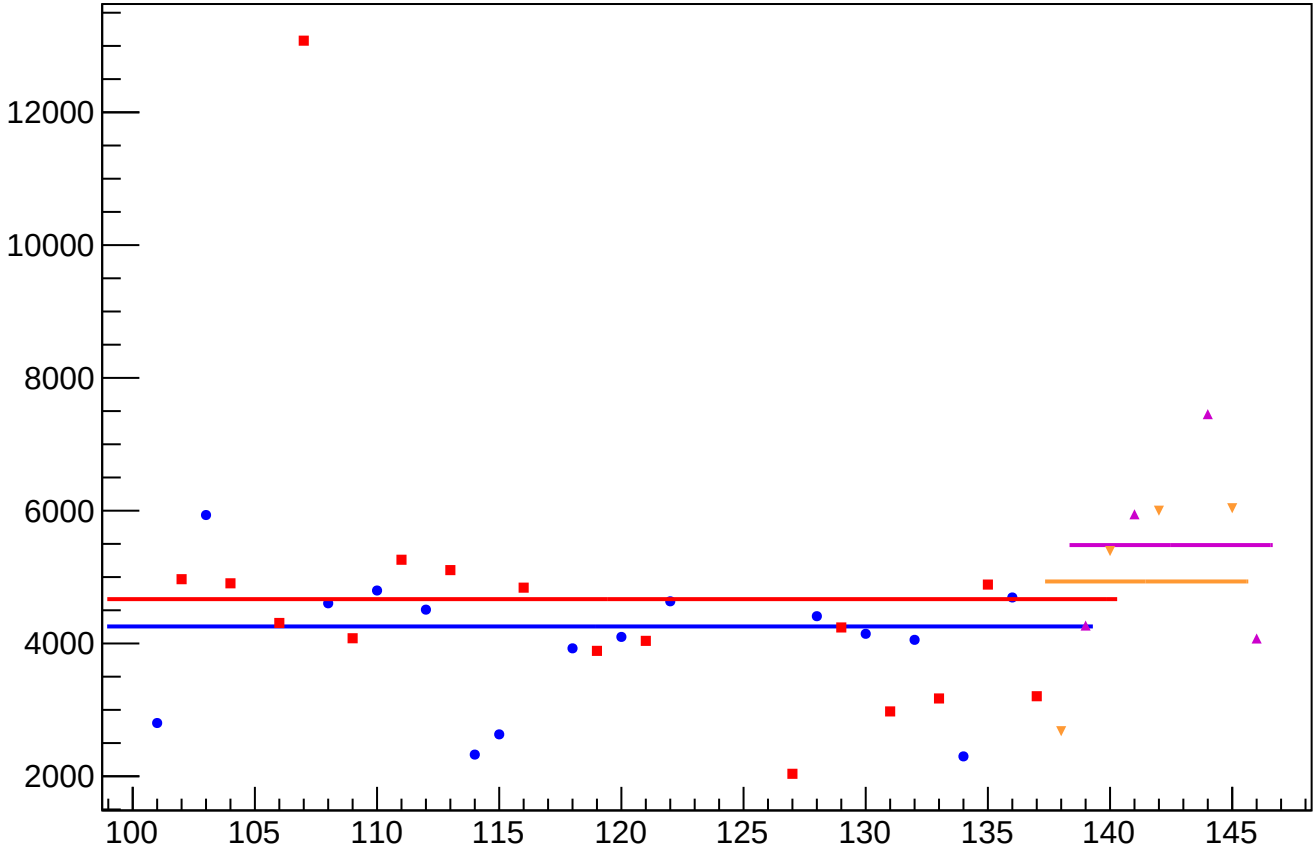
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

+ sign 4464.126+/-0.000 χ^2/NDF: 11547190790953

Left Out: 4933.894+/-0.000 χ^2/NDF:5647698973925538879864750272941003898 88.0/3

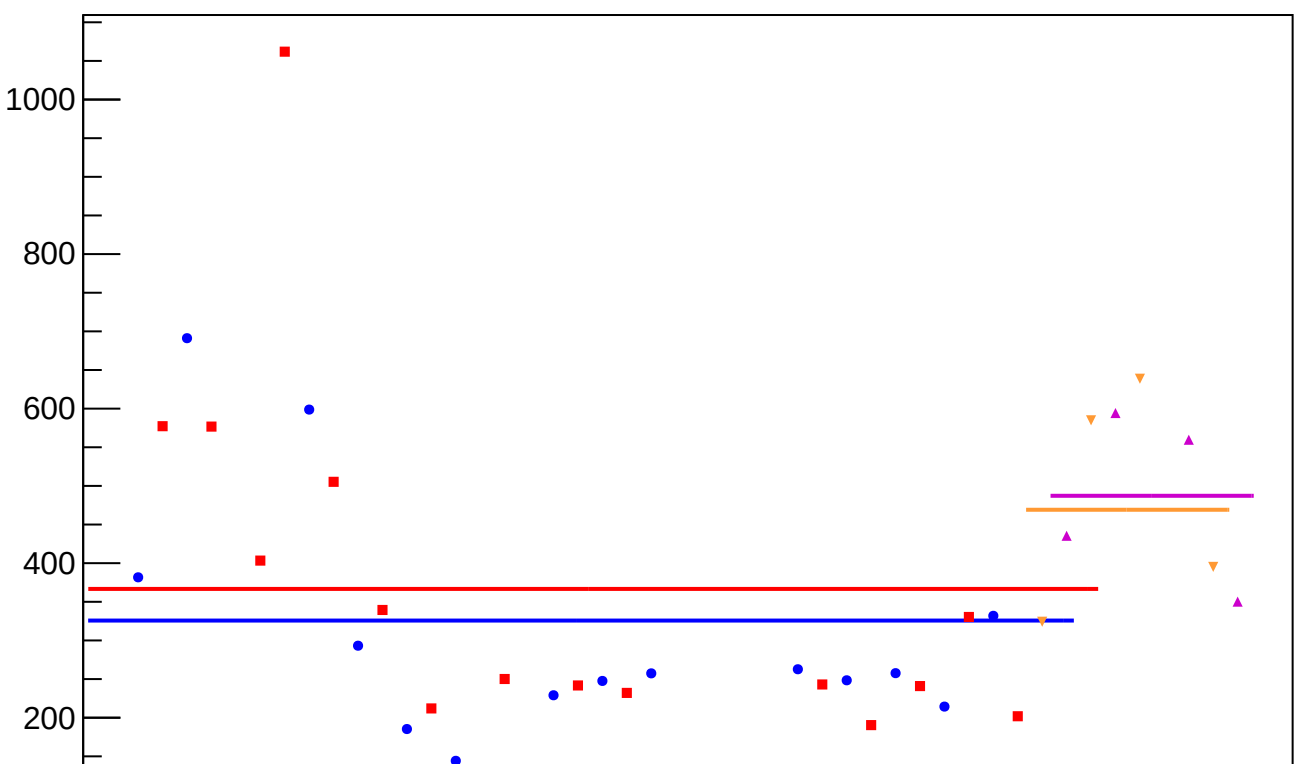
All: 4711.381+/-0.000 χ^2/NDF: 5263498211 0

Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

- sign 4941.660+/-0.000 χ^2/NDF: 39982633604815

Left In: 5482.025+/-0.000 χ^2/NDF:6476305887640712725266392064384764 47744.0/3

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 469.127+/-0.000 χ^2/NDF:4502288068743623637977843174897352704.0/3

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893452 8.0/15

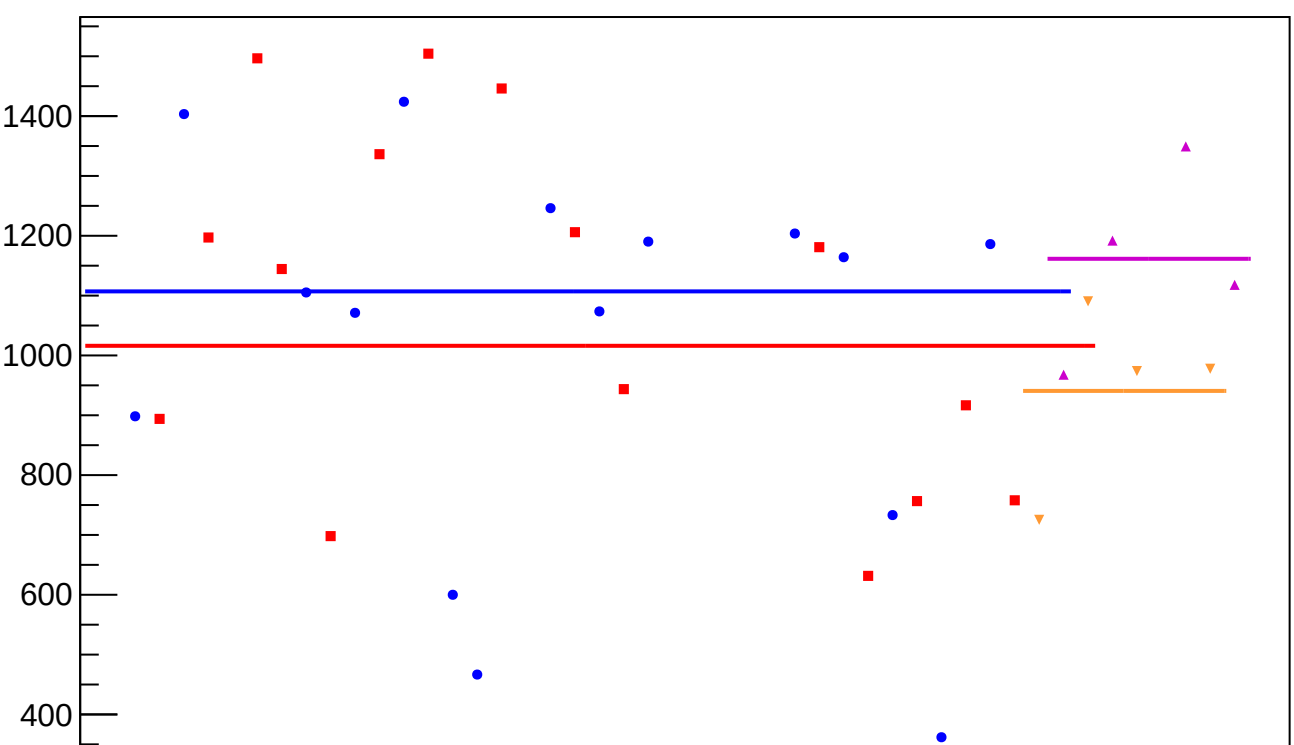
Left In: 487.209+/-0.000 χ^2/NDF:3217673076062534372404153073602134016.0/3

+ sign 369.700+/-0.000 χ^2/NDF: 2322746921823 95

All: 389.126+/-0.000 χ^2/NDF: 6248326727 71

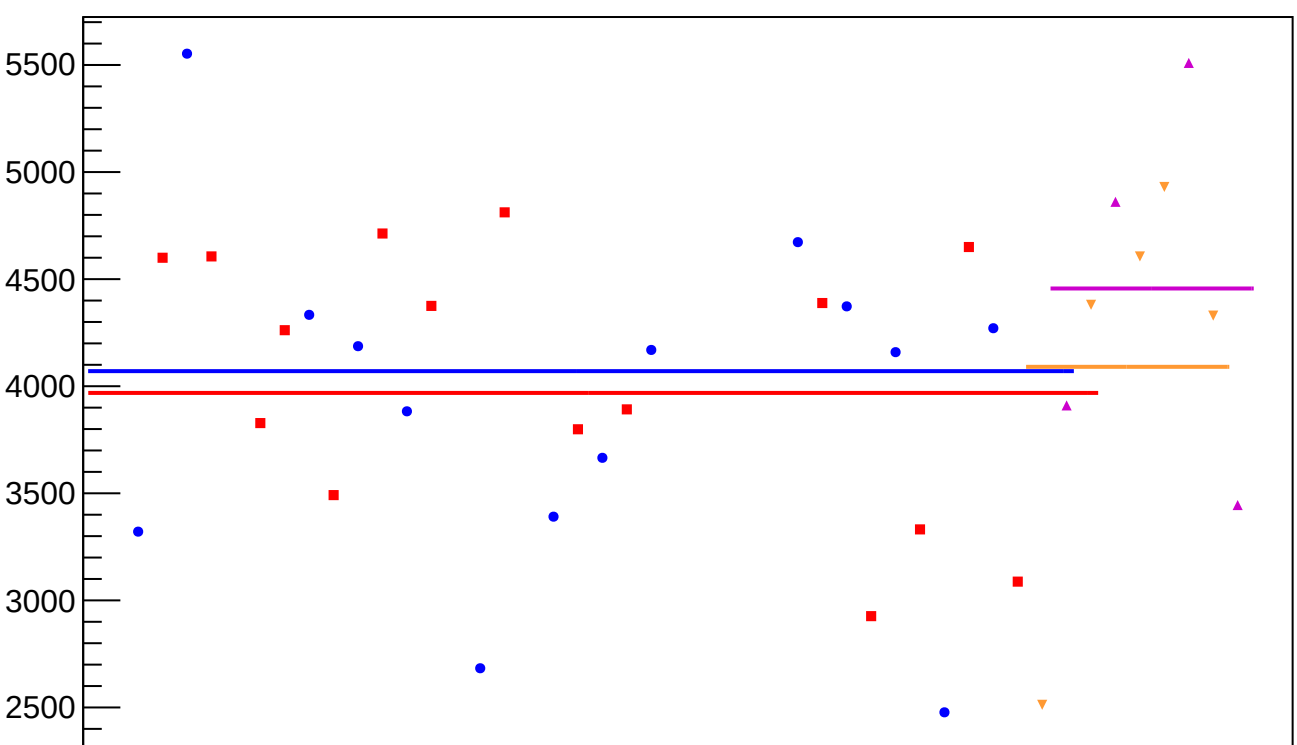
- sign 407.218+/-0.000 χ^2/NDF: 385736349789948

dit_usl_coil4_Ndata_mean vs Slug



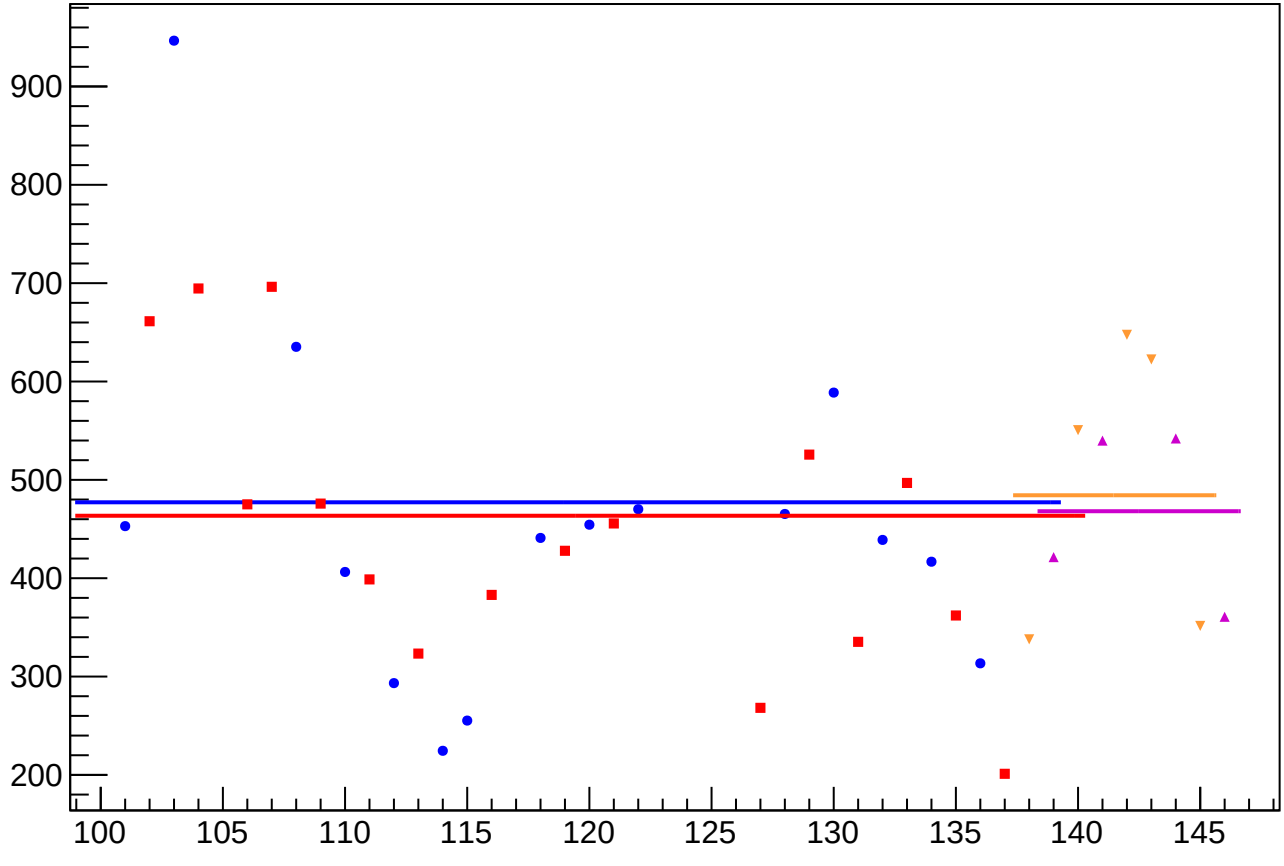
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1056.052+/-0.000 χ^2/NDF: 5175938036167 3
Left Out: 940.725+/-0.000 χ^2/NDF:562026561218771523082989460627914752 0.0/3
All: 1060.691+/-0.000 χ^2/NDF: 1355242372 2
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8
Left In: 1161.518+/-0.000 χ^2/NDF:641508227518753222980430866555286323 2.0/3

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
+ sign 4077.558+/-0.000 χ^2/NDF: 6086399345833
Left Out: 4090.602+/-0.000 χ^2/NDF:2652649745232849118864070786983793786 88.0/4
All: 4105.167+/-0.000 χ^2/NDF: 1245151922 8
Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15
- sign 4132.721+/-0.000 χ^2/NDF: 6349844394013 0
Left In: 4456.351+/-0.000 χ^2/NDF:2216882975009538546061163817912626053 12.0/3

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 484.340+/-0.000 χ^2/NDF:5964777321152457018609796540660711424.0/4

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

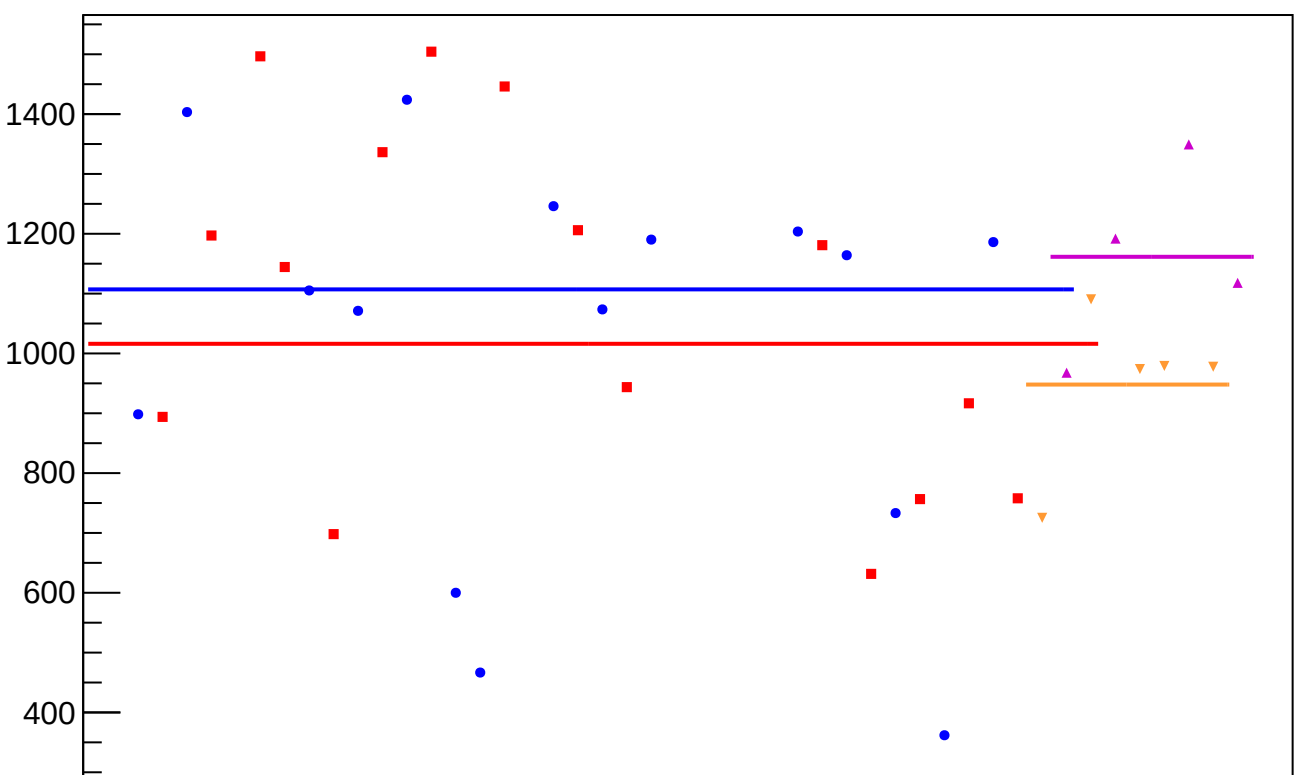
Left In: 468.117+/-0.000 χ^2/NDF:205789002025832635065491797115194572 8.0/3

+ sign 479.711+/-0.000 χ^2/NDF: 2643222037456 58

All: 472.379+/-0.000 χ^2/NDF: 4115938958 33

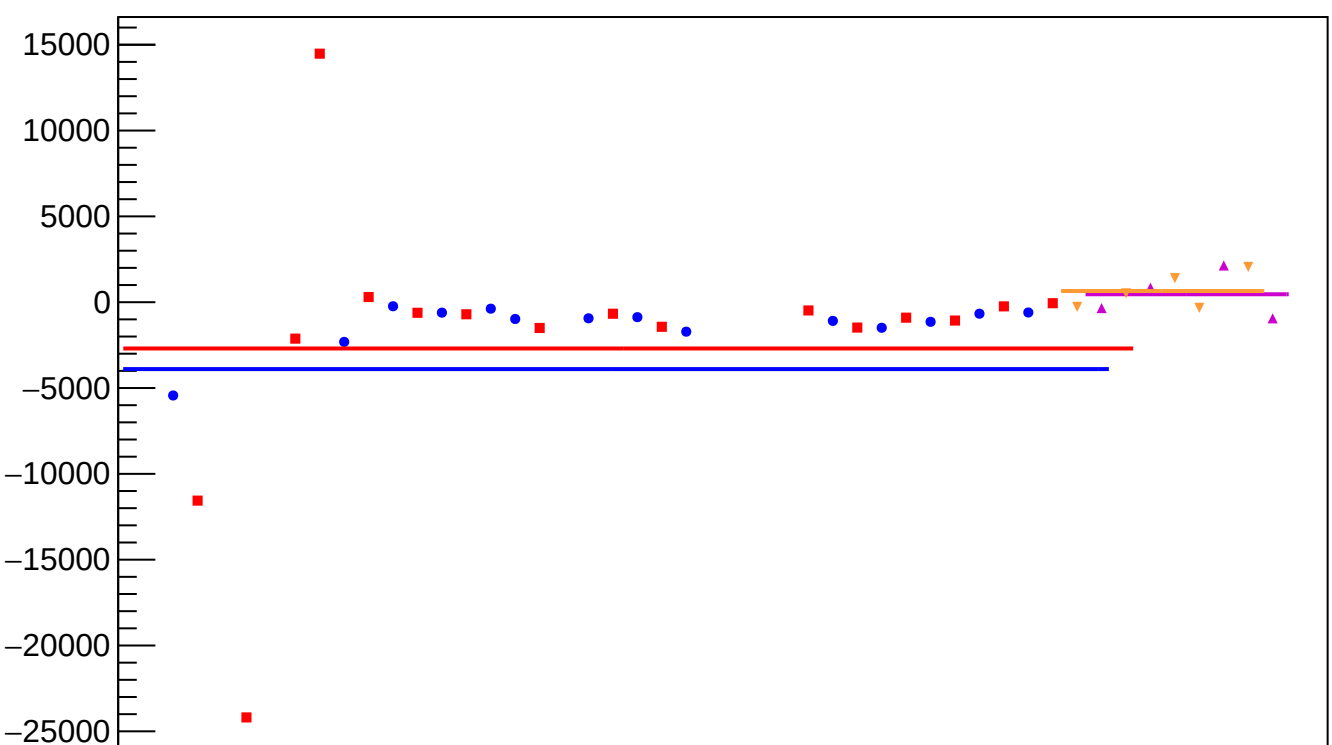
- sign 465.061+/-0.000 χ^2/NDF: 1461942279460 70

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0
Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8
Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14

+ sign -2291.596+/-0.000 χ^2/NDF: 4467304359801

Left Out: 650.768+/-0.000 χ^2/NDF:318000845532174319492149367551169658880.0/4

All: -1962.321+/-0.000 χ^2/NDF: 8842899148

Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15

- sign -1633.700+/-0.000 χ^2/NDF: 4353866909326 9

Left In: 462.597+/-0.000 χ^2/NDF:478192317564498132211947094038875734016.0/3

dit_atl1_coil4_err_mean vs Slug

Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14

Left Out: 477.809+/-0.000 χ^2/NDF:5369830409550015185078794885617680384.0/4

Right Out: 1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15

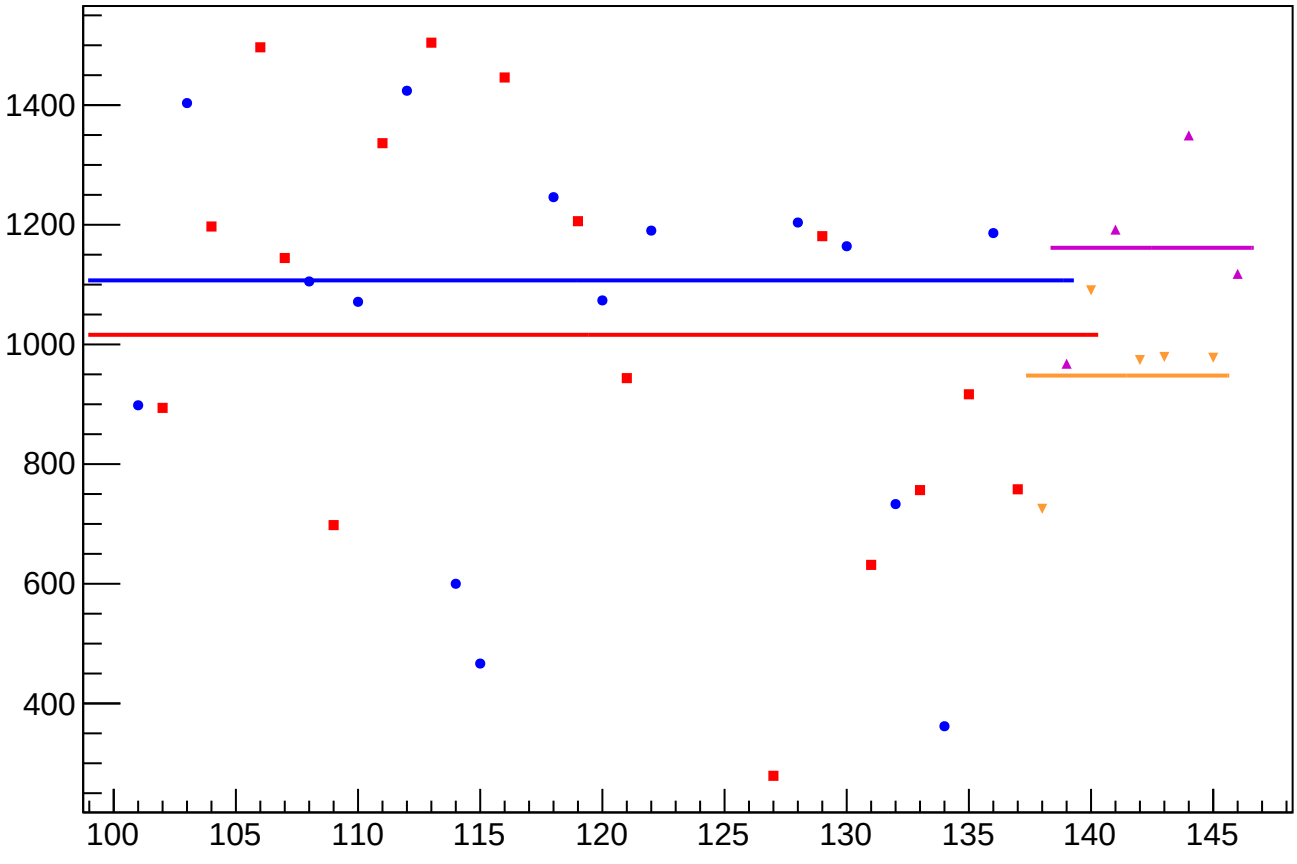
Left In: 481.802+/-0.000 χ^2/NDF:3515989015110379527299465485744078848.0/3

+ sign 540.086+/-0.000 χ^2/NDF: 159596914819785

All: 737.421+/-0.000 χ^2/NDF: 23486516247

- sign 934.363+/-0.000 χ^2/NDF: 211101678046840

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

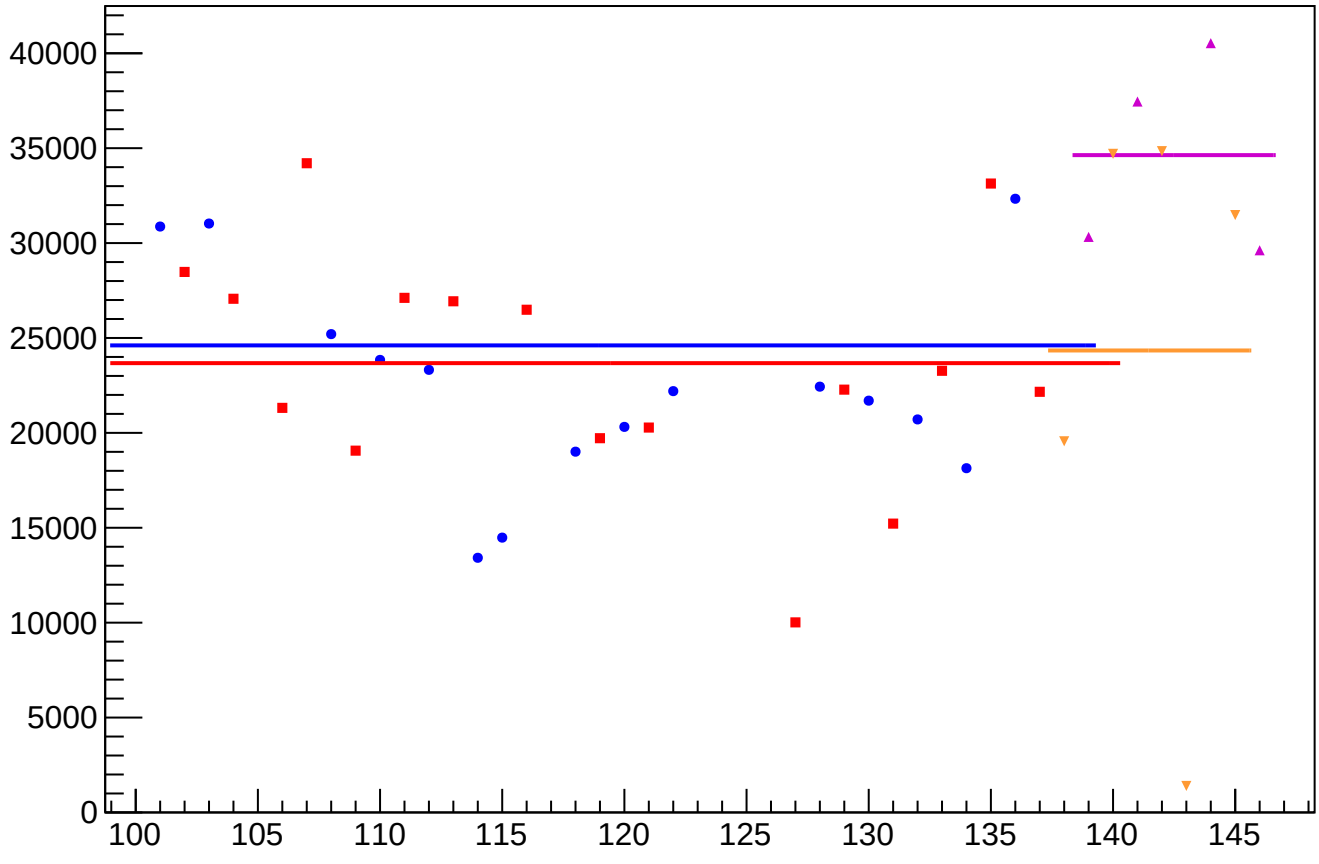
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Left Out: 24341.418+/-0.000 χ^2/NDF:5505680702852993612375462395851197068083 2.0/4

Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

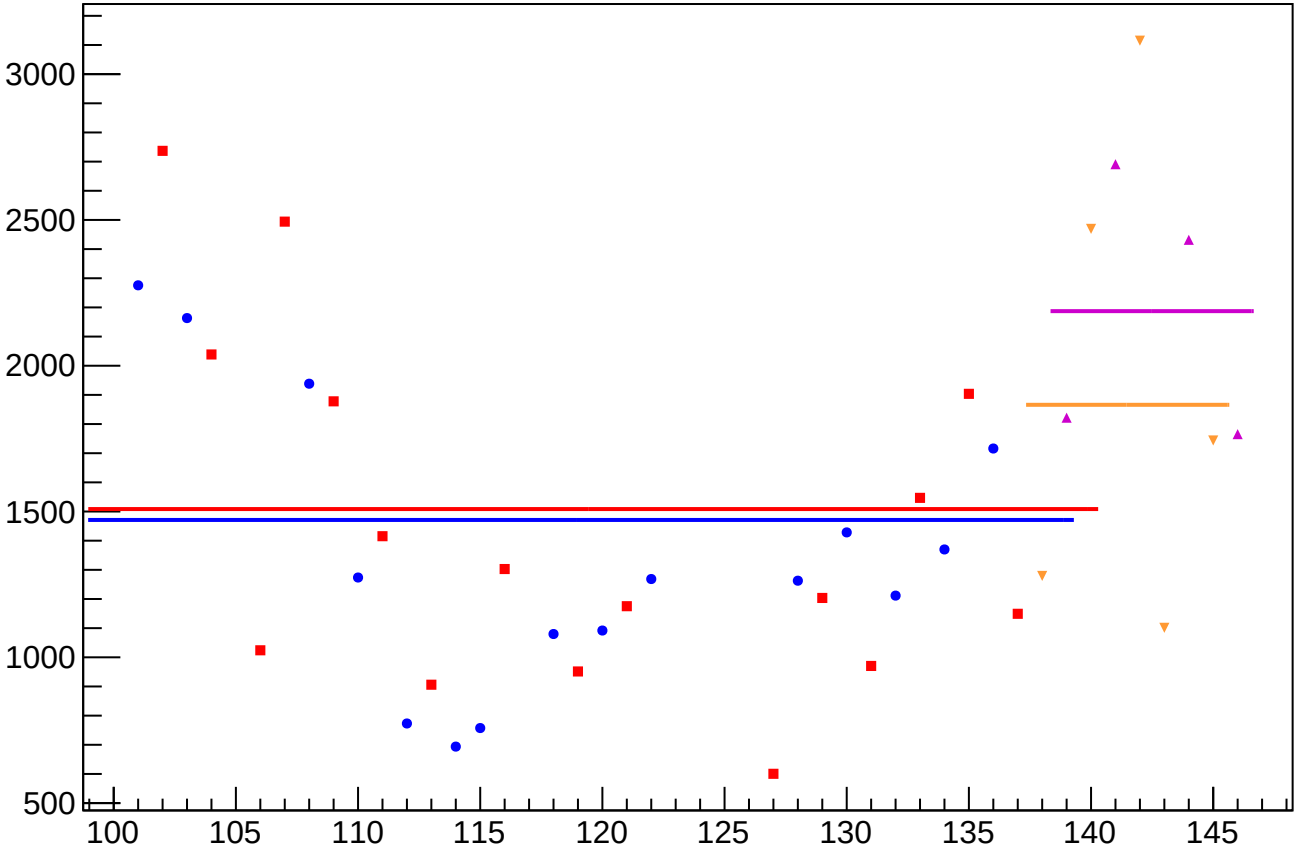
Left In: 34634.219+/-0.000 χ^2/NDF:7365300019099663394561006855872090996736.0/3

+ sign 24514.404+/-0.000 χ^2/NDF: 7262877877353

All: 25938.660+/-0.000 χ^2/NDF: 1358310302

- sign 27360.082+/-0.000 χ^2/NDF: 5913712067479

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF: 139174979420467841073894167956452016128.0/14

+ sign 1610.470+/-0.000 χ^2/NDF: 3437520695266

Left Out: 1865.991+/-0.000 χ^2/NDF:168856985175070083095510300186313228288.0/4

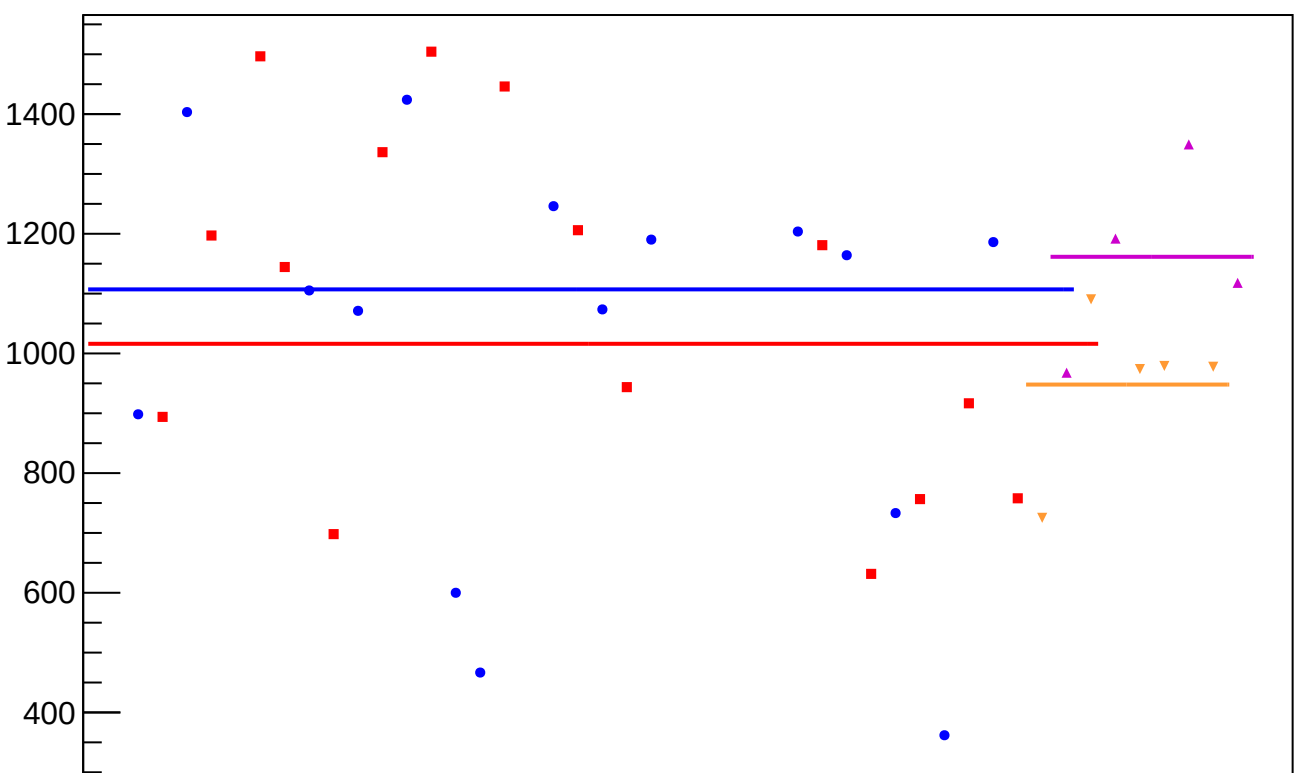
All: 1673.665+/-0.000 χ^2/NDF: 7576883027

Right Out: 1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15

- sign 1736.735+/-0.000 χ^2/NDF: 40593293813561

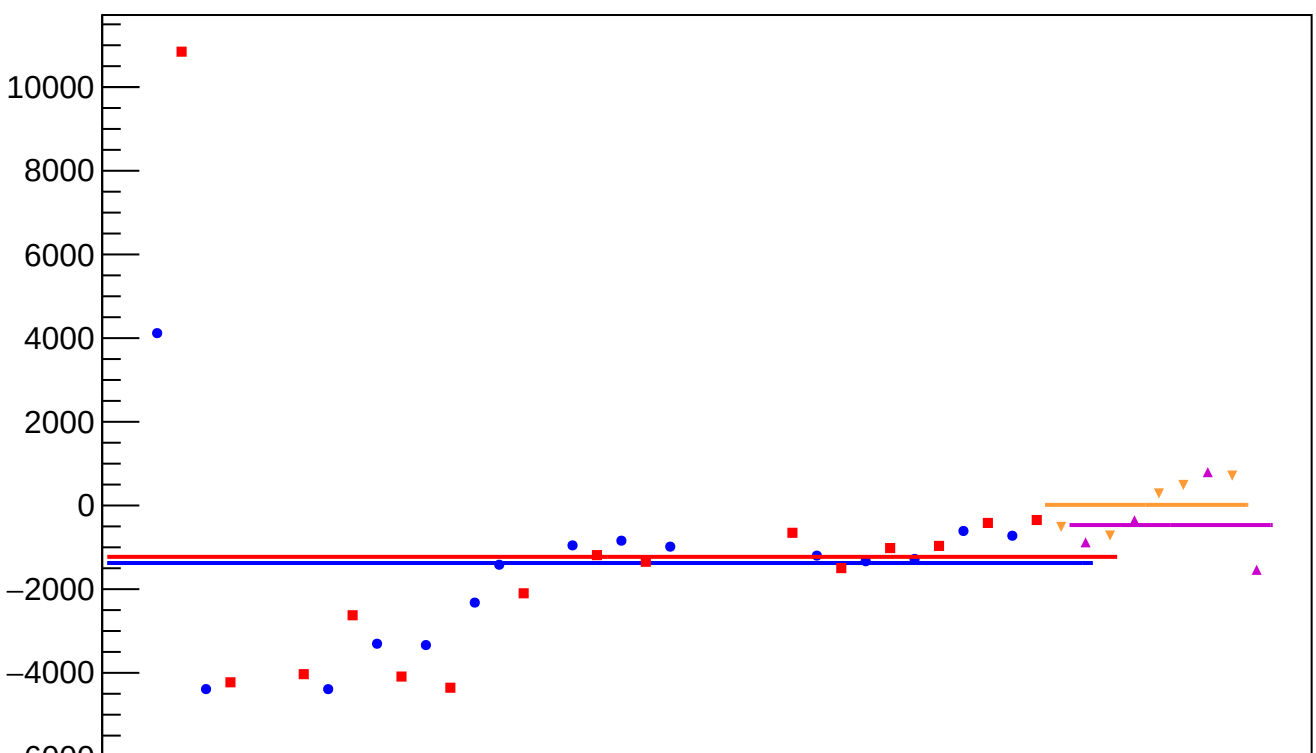
Left In: 2187.224+/-0.000 χ^2/NDF:524939414058151918634500799298881454 08.0/3

dit_atl2_coil4_Ndata_mean vs Slug



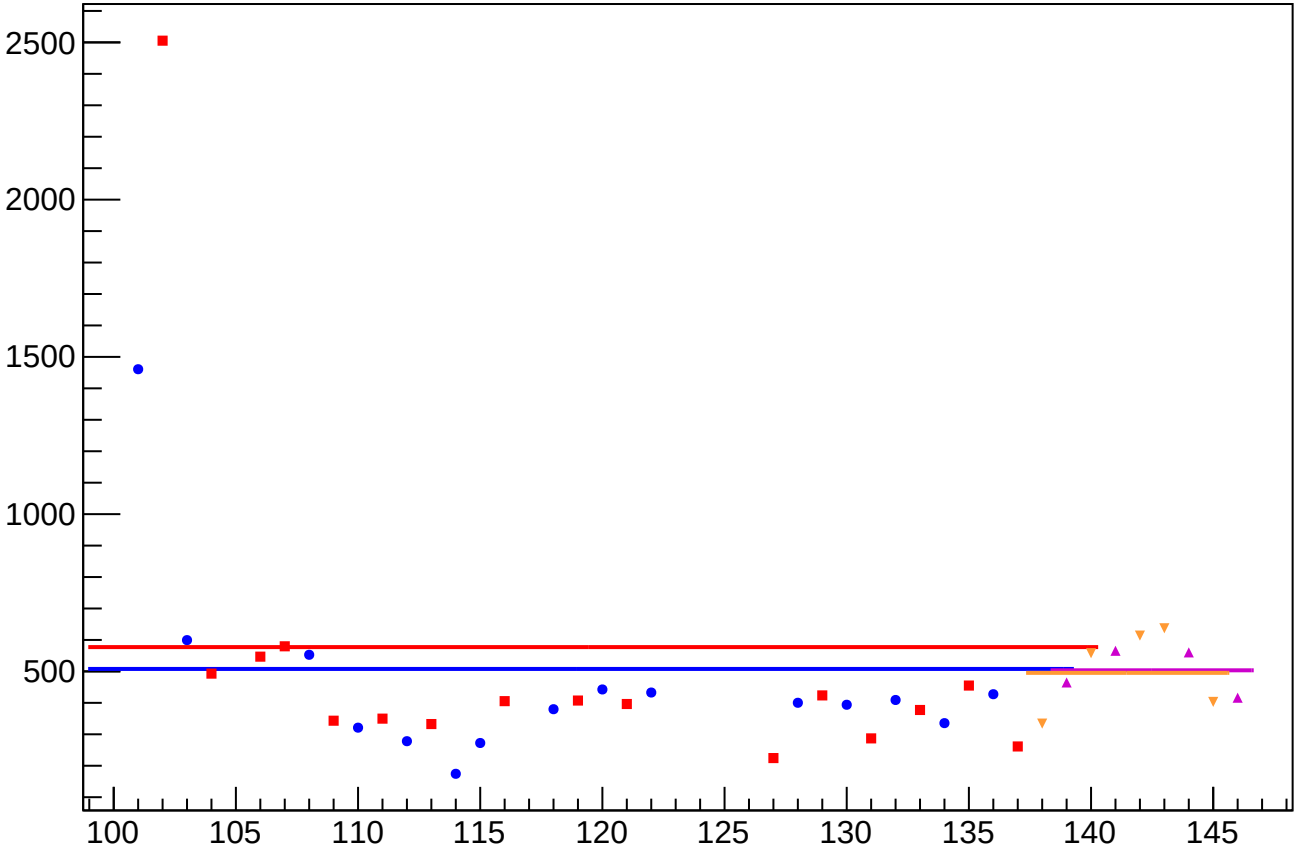
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0
Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8
Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -884.075+/-0.000 χ^2/NDF: 36389192125782
Left Out: 15.056+/-0.000 χ^2/NDF:1238552971329740777411304879616132382 72.0/4
All: -928.159+/-0.000 χ^2/NDF: 1514000938 9
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -972.156+/-0.000 χ^2/NDF: 114971955563743
Left In: -467.518+/-0.000 χ^2/NDF:252189431833471155373252182378236870656.0/3

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 495.353+/-0.000 χ^2/NDF:503400201343726902409651407096171 7248.0/4

Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

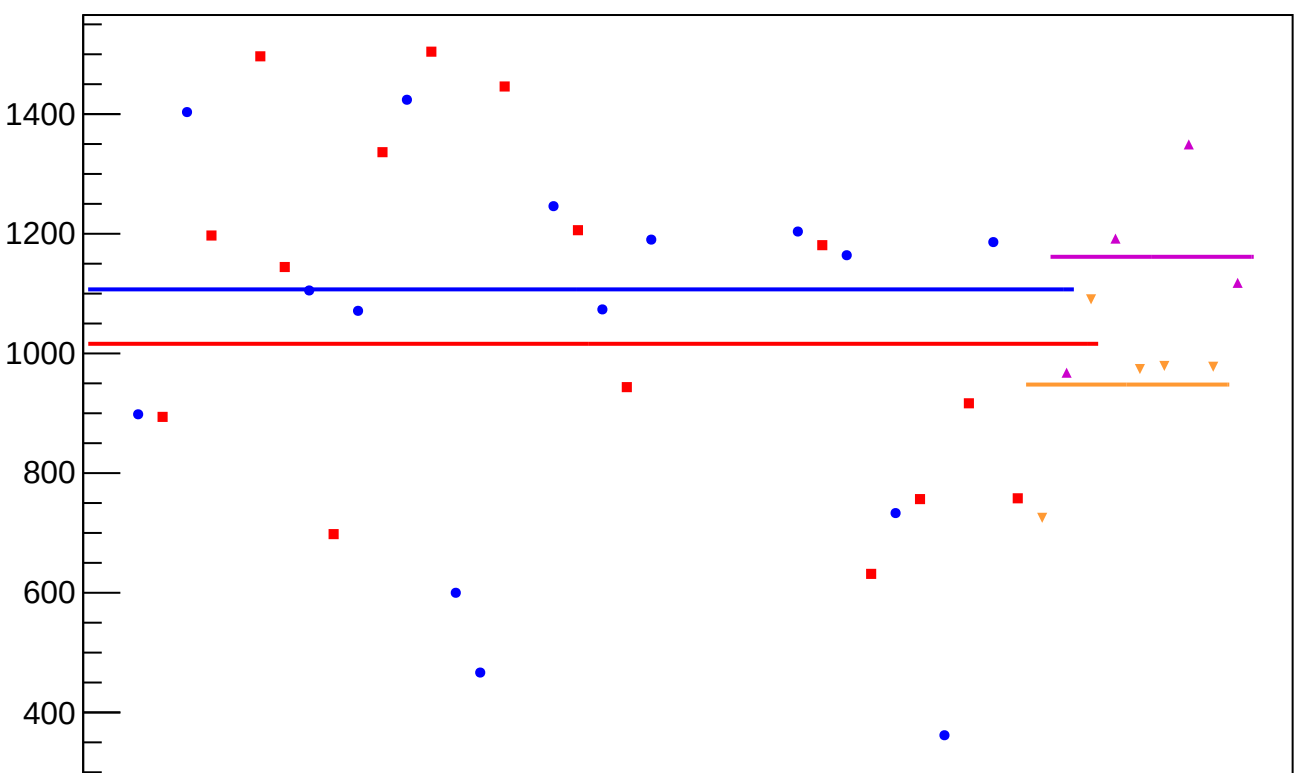
Left In: 503.447+/-0.000 χ^2/NDF:136720639803019781402262361300847 8208.0/3

+ sign 503.413+/-0.000 χ^2/NDF: 69209471643284 7

All: 527.945+/-0.000 χ^2/NDF: 31429343460 0

- sign 552.429+/-0.000 χ^2/NDF: 243877867316729

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

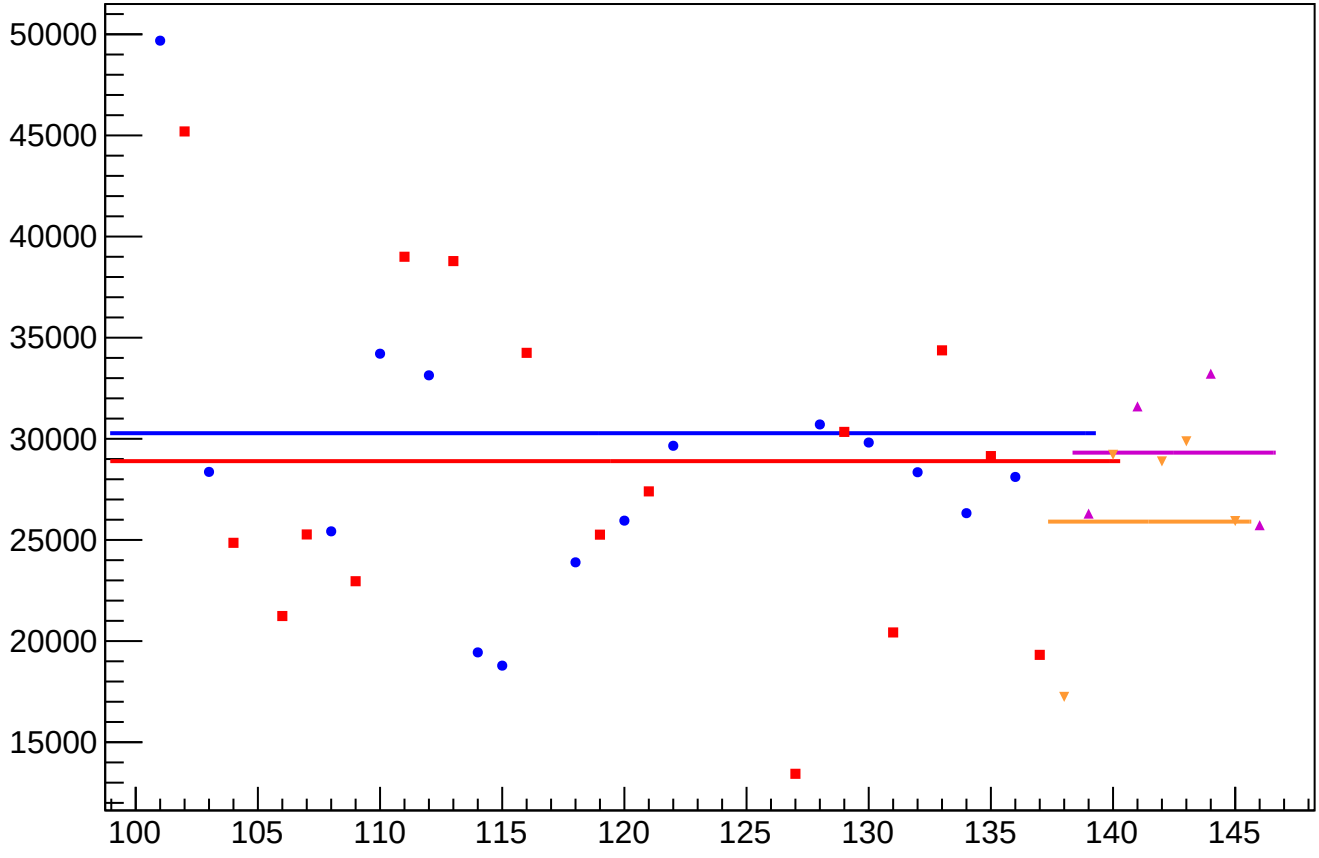
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

+ sign 28734.919+/-0.000 χ^2/NDF: 435675817239 5

Left Out: 25906.582+/-0.000 χ^2/NDF:821515722316040176020535727288638609817 6.0/4

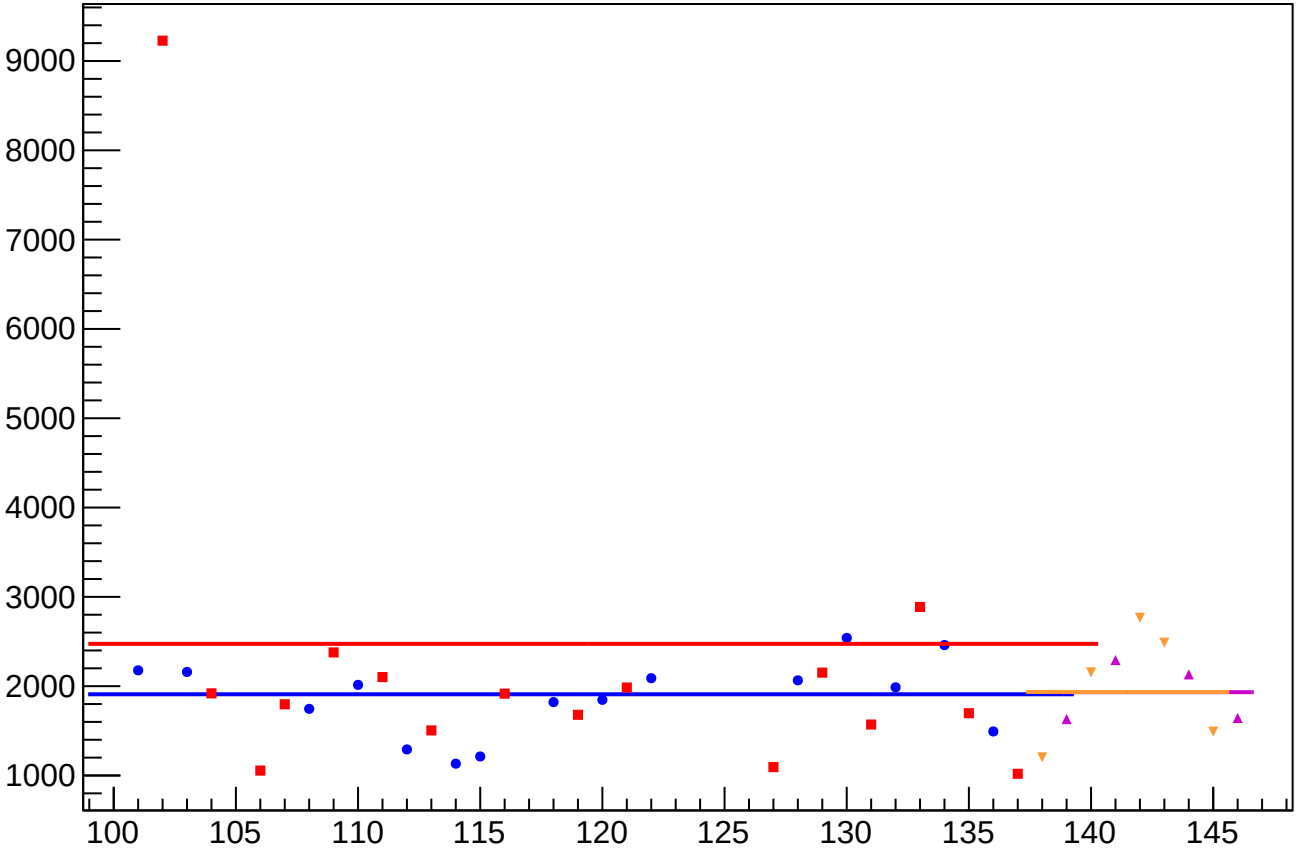
All: 28886.414+/-0.000 χ^2/NDF: 9422704762

Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

- sign 29037.606+/-0.000 χ^2/NDF: 5061347296917

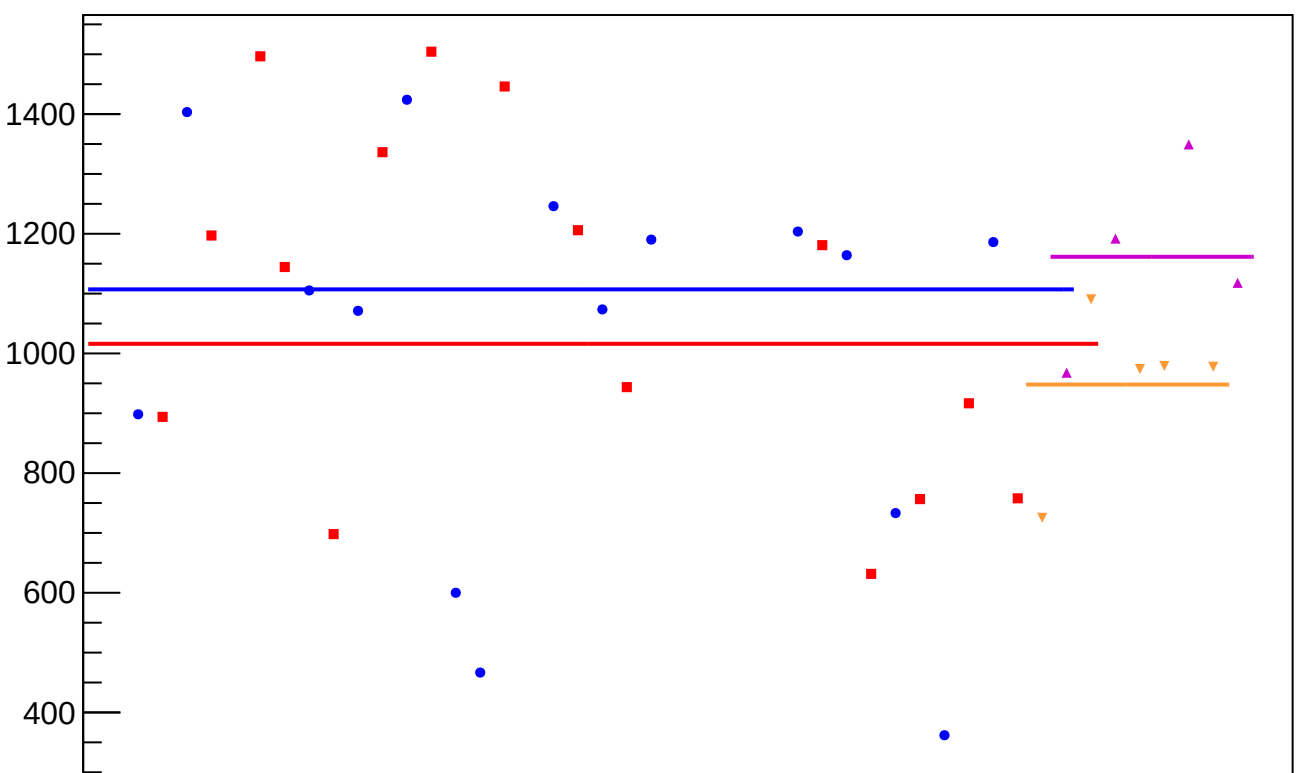
Left In: 29316.421+/-0.000 χ^2/NDF:360437871179976812809700010159924838 4000.0/3

dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1918.553+/-0.000 χ^2/NDF: 20165862069024
Left Out: 1935.270+/-0.000 χ^2/NDF:113868750773205163256875788404407664640.0/4
All: 2105.463+/-0.000 χ^2/NDF: 3400078495 8
Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
- sign 2292.001+/-0.000 χ^2/NDF: 31284090467334
Left In: 1932.895+/-0.000 χ^2/NDF:288255190951230480533950281928534917 12.0/3

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

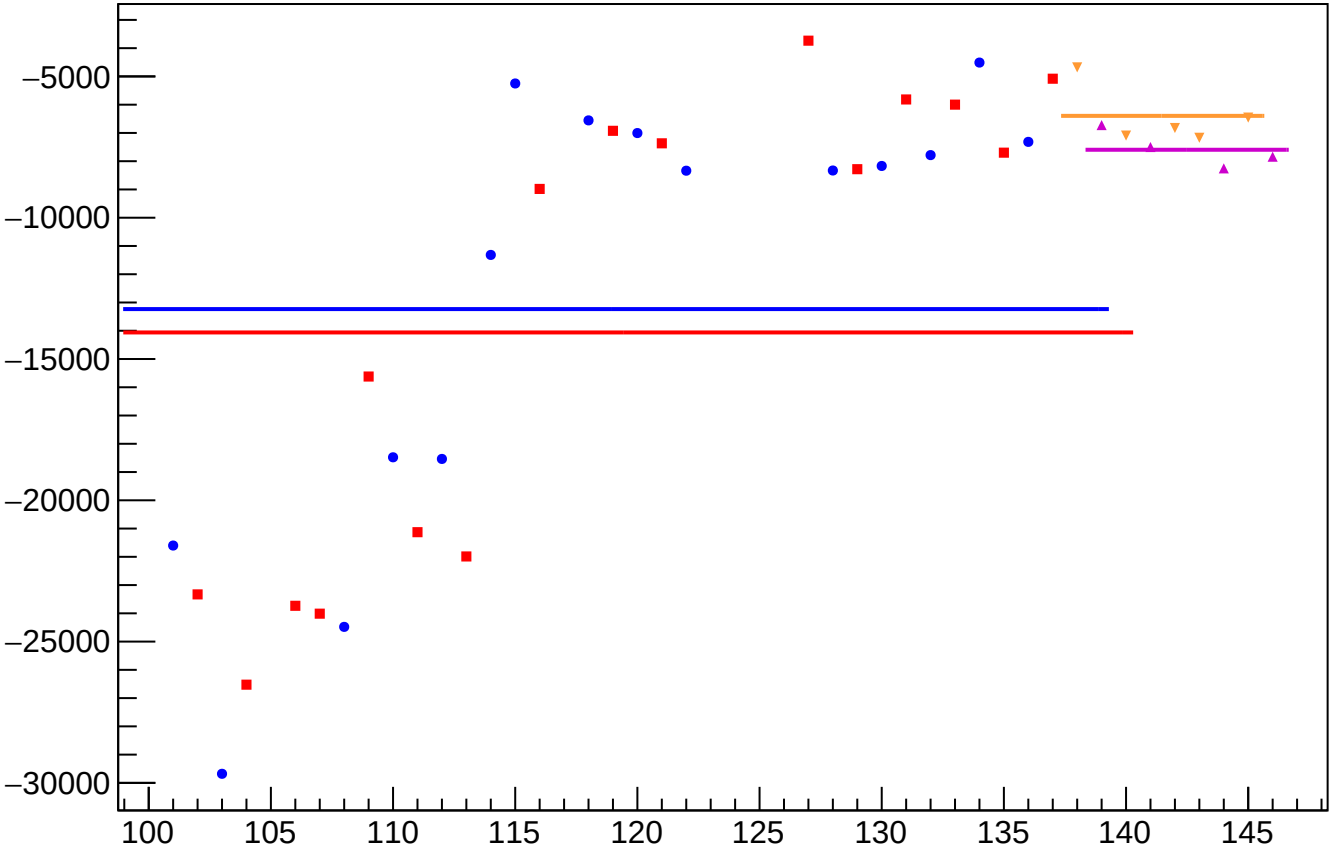
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

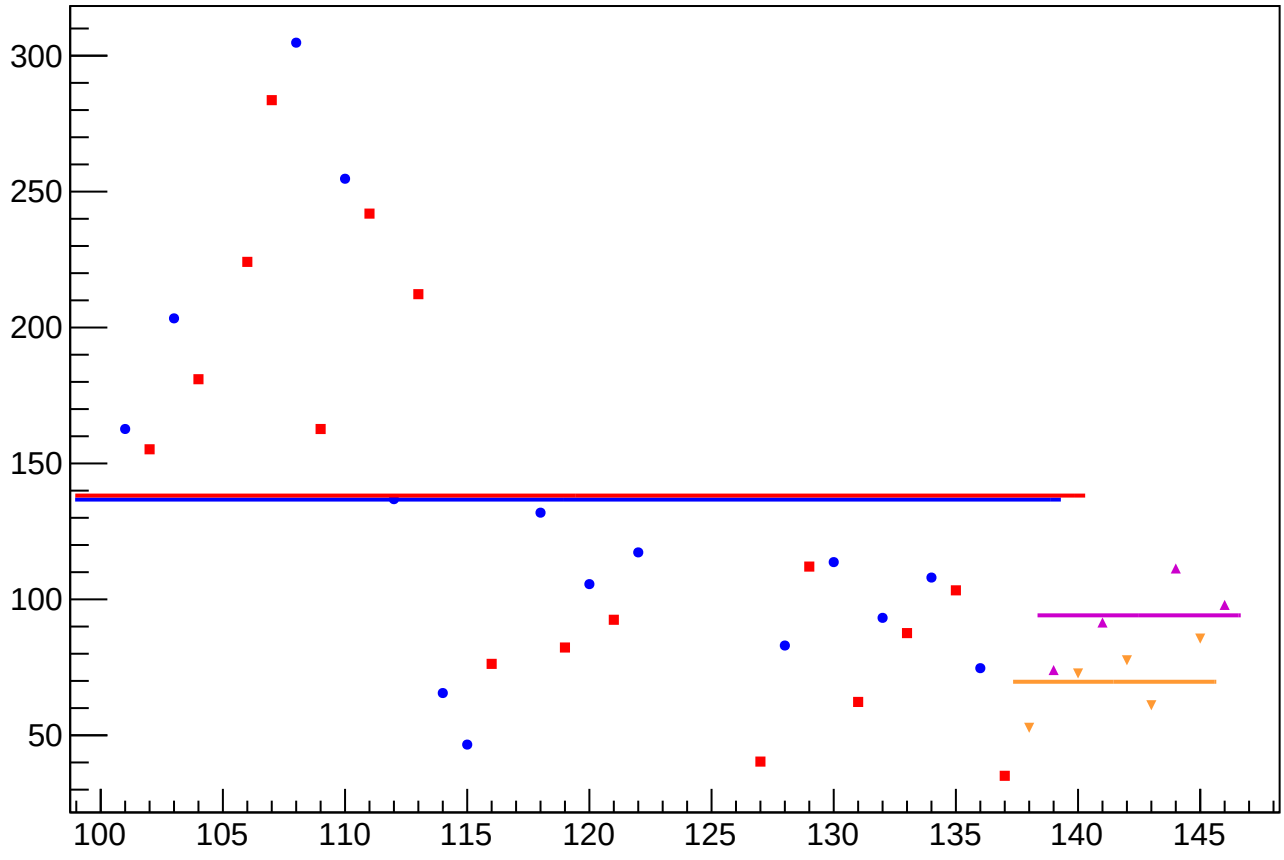
Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -10820.042+/-0.000 χ^2/NDF: 522852603932
Left Out: -6395.613+/-0.000 χ^2/NDF:3186007937573778250210875591808966983 68.0/4
All: -11353.467+/-0.000 χ^2/NDF: 106827907
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684 5184.0/15
- sign -11885.831+/-0.000 χ^2/NDF: 539724221771
Left In: -7595.182+/-0.000 χ^2/NDF:1061429818823335424726988430667583324 16.0/3

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 113.057+/-0.000 χ^2/NDF: 376734906729652

Left Out: 69.691+/-0.000 χ^2/NDF:5143278093812044752222514900788838 4.0/4

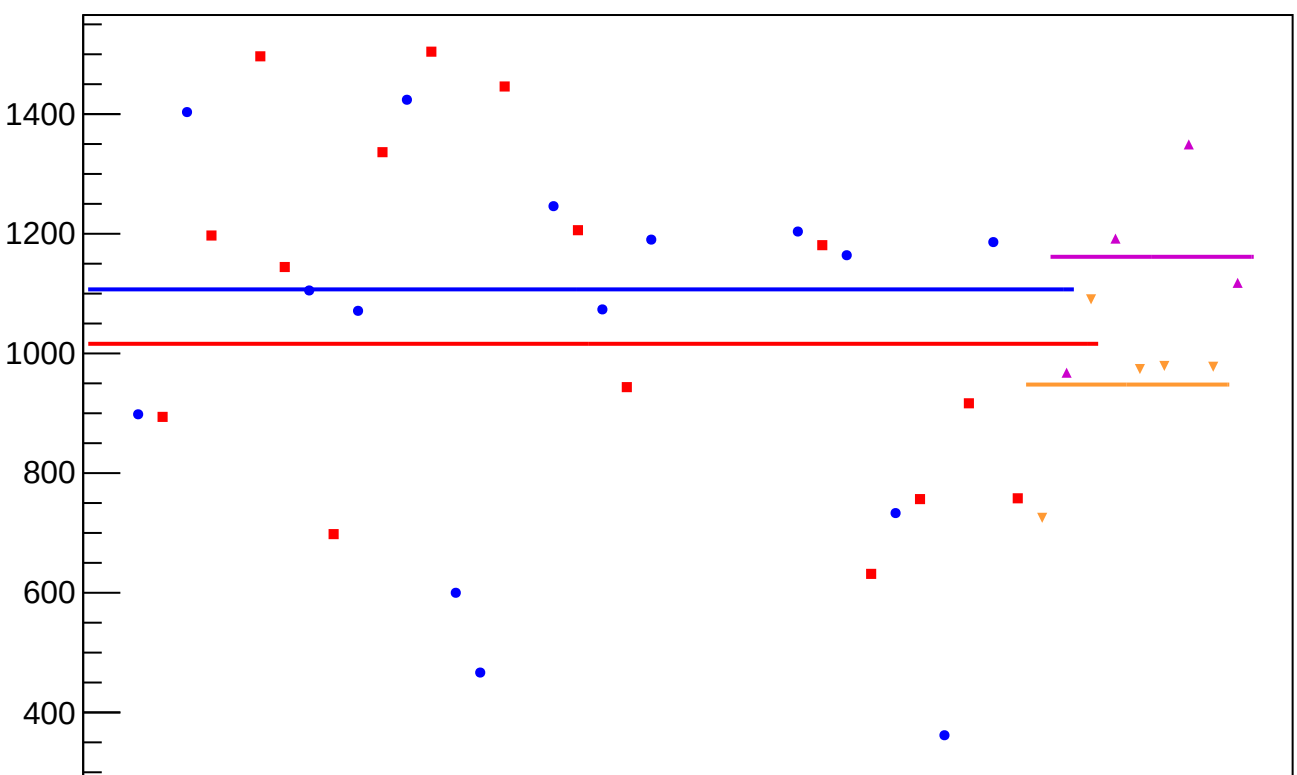
All: 118.214+/-0.000 χ^2/NDF: 754803906544

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846732 8.0/15

- sign 123.362+/-0.000 χ^2/NDF: 372737827652544

Left In: 94.122+/-0.000 χ^2/NDF:6107037592779844726279689157895782 4.0/3

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

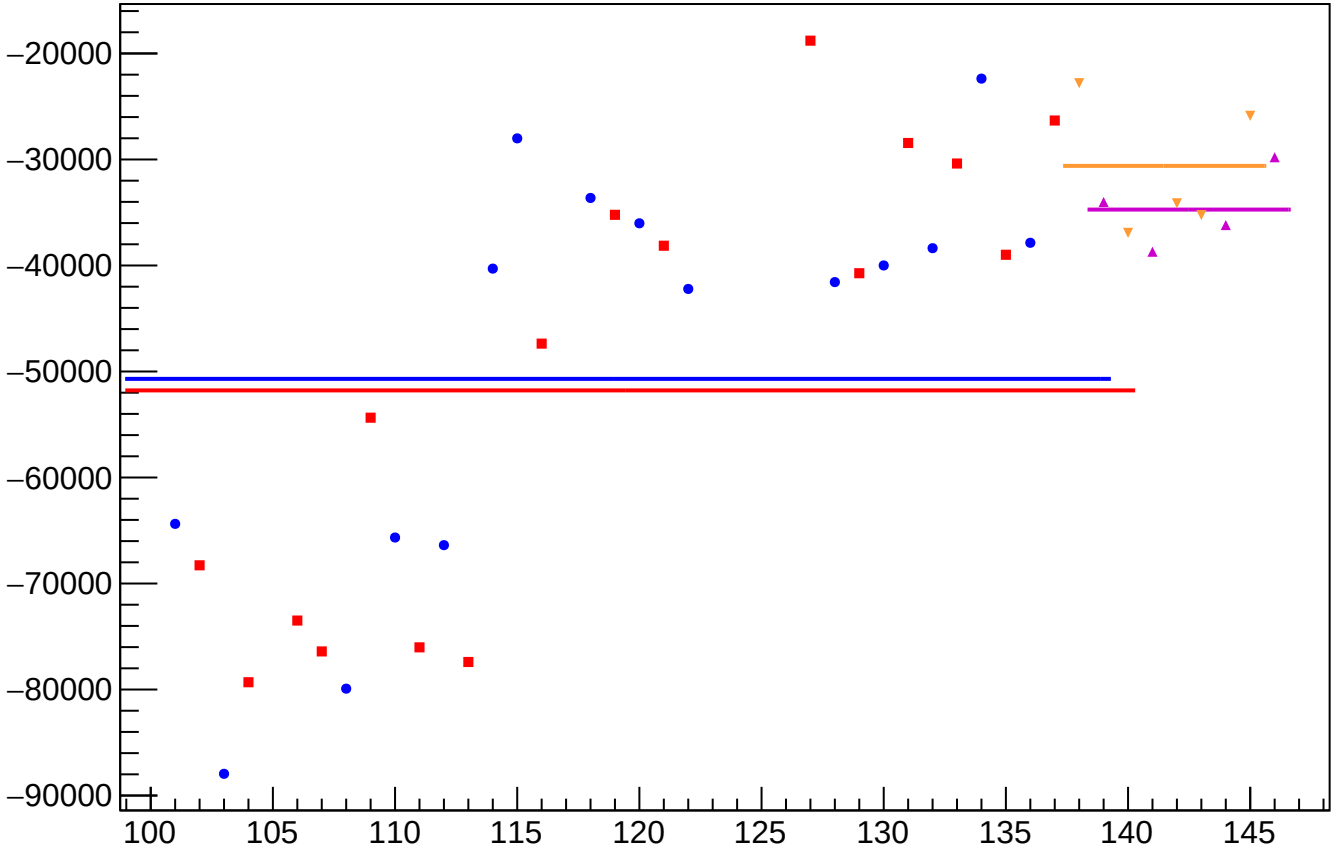
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

+ sign -43604.348+/-0.000 χ^2/NDF: 330918434192

Left Out: -30604.043+/-0.000 χ^2/NDF:118421334561658034475543374252858482360 32.0/4

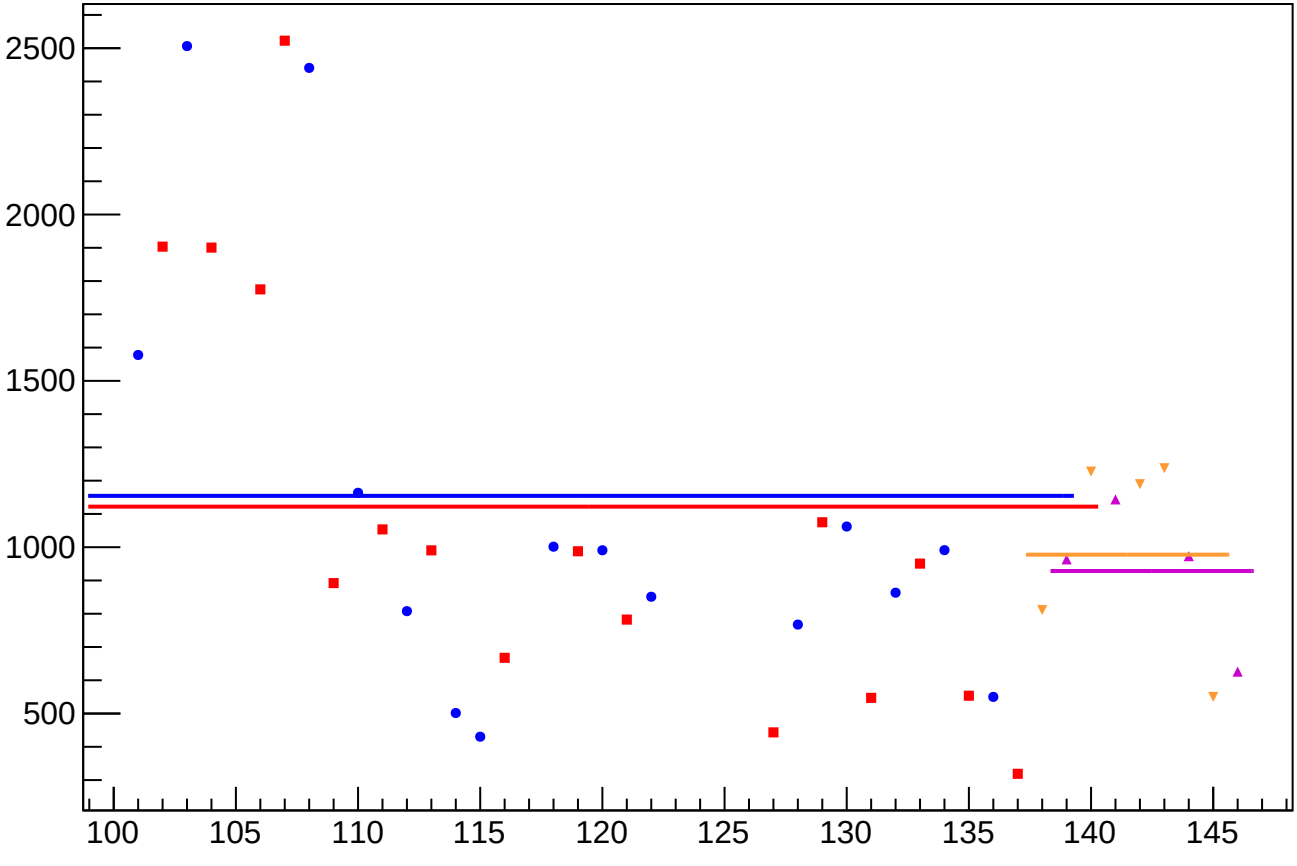
All: -44827.024+/-0.000 χ^2/NDF: 684566979

Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

- sign -46047.266+/-0.000 χ^2/NDF: 350652687967 6

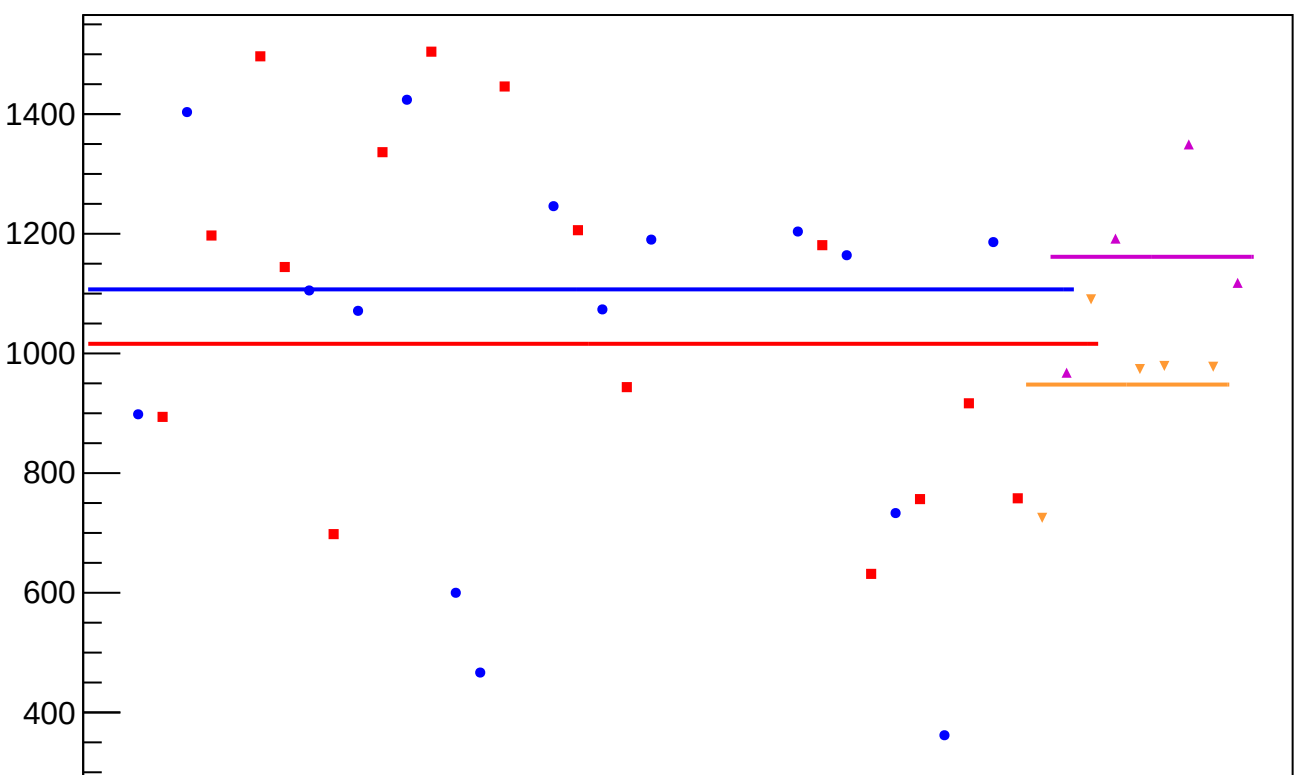
Left In: -34726.726+/-0.000 χ^2/NDF:359643498750197244835279141903004807 9872.0/3

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 1091.944+/-0.000 χ^2/NDF: 2850956314764 6
Left Out: 977.567+/-0.000 χ^2/NDF:2866812788955551850243671678368769638 4.0/4
All: 1074.390+/-0.000 χ^2/NDF: 5320753437 0
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 1056.871+/-0.000 χ^2/NDF: 2463622061052 3
Left In: 928.477+/-0.000 χ^2/NDF:1180733125398015911962022421659333427 2.0/3

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

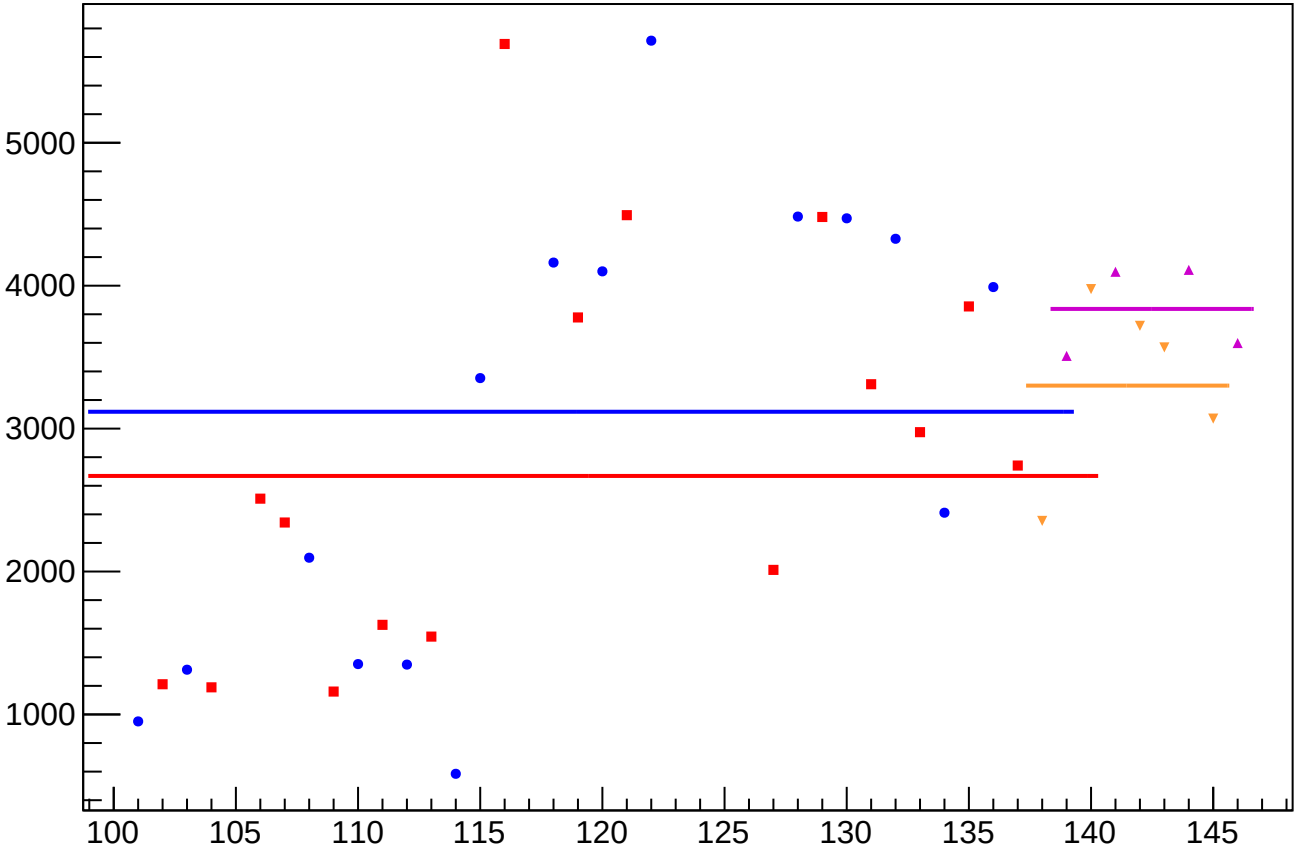
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

+ sign 3182.474+/-0.000 χ^2/NDF: 16848420632714

Left Out: 3300.835+/-0.000 χ^2/NDF:1244390889148482408389728911975094681 60.0/4

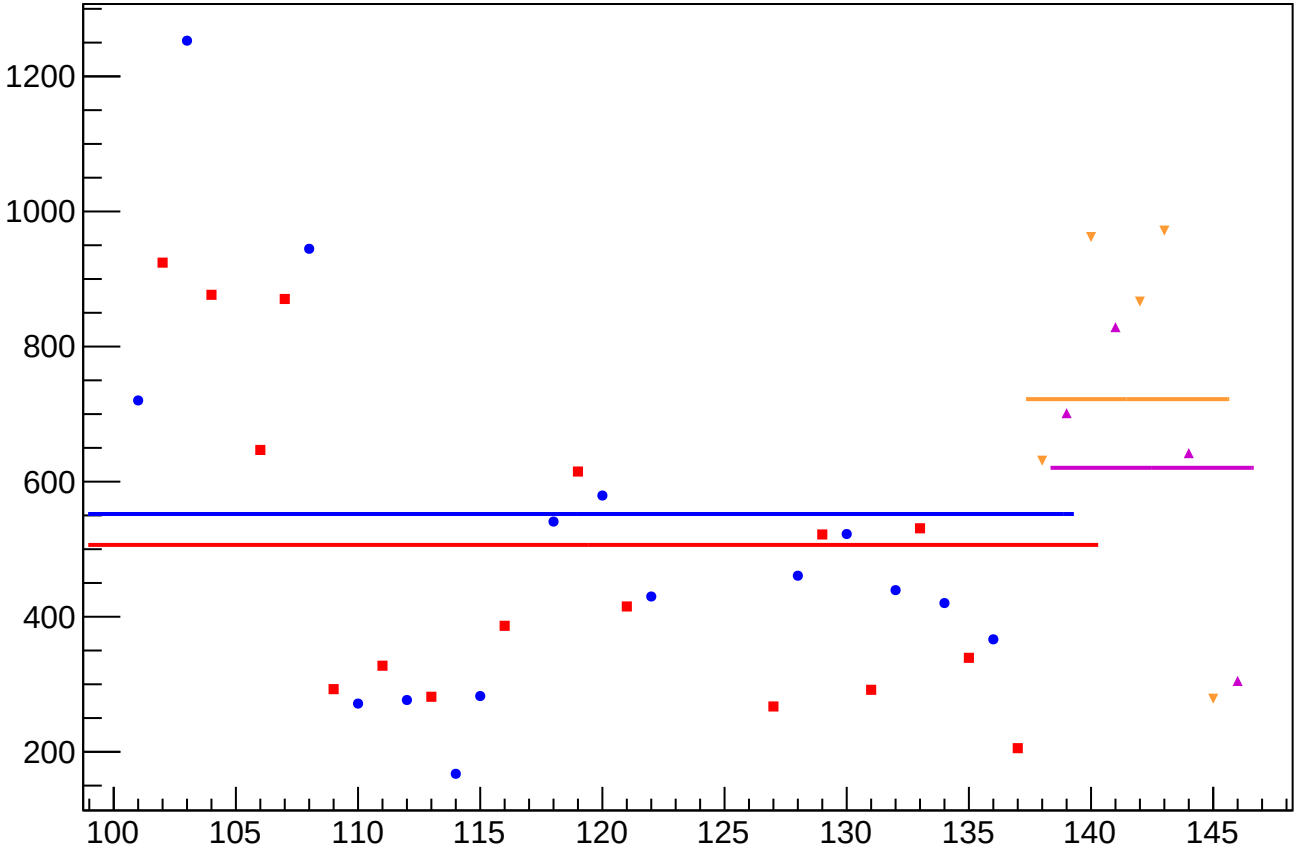
All: 3122.091+/-0.000 χ^2/NDF: 3160791051

Right Out: 2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15

- sign 3061.828+/-0.000 χ^2/NDF: 14686421873768

Left In: 3837.431+/-0.000 χ^2/NDF:2587335185632139271449550644216384716 8.0/3

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

+ sign 612.122+/-0.000 χ^2/NDF: 83794223994718 1

Left Out: 722.148+/-0.000 χ^2/NDF:2643227574561067376703094020430312243 2.0/4

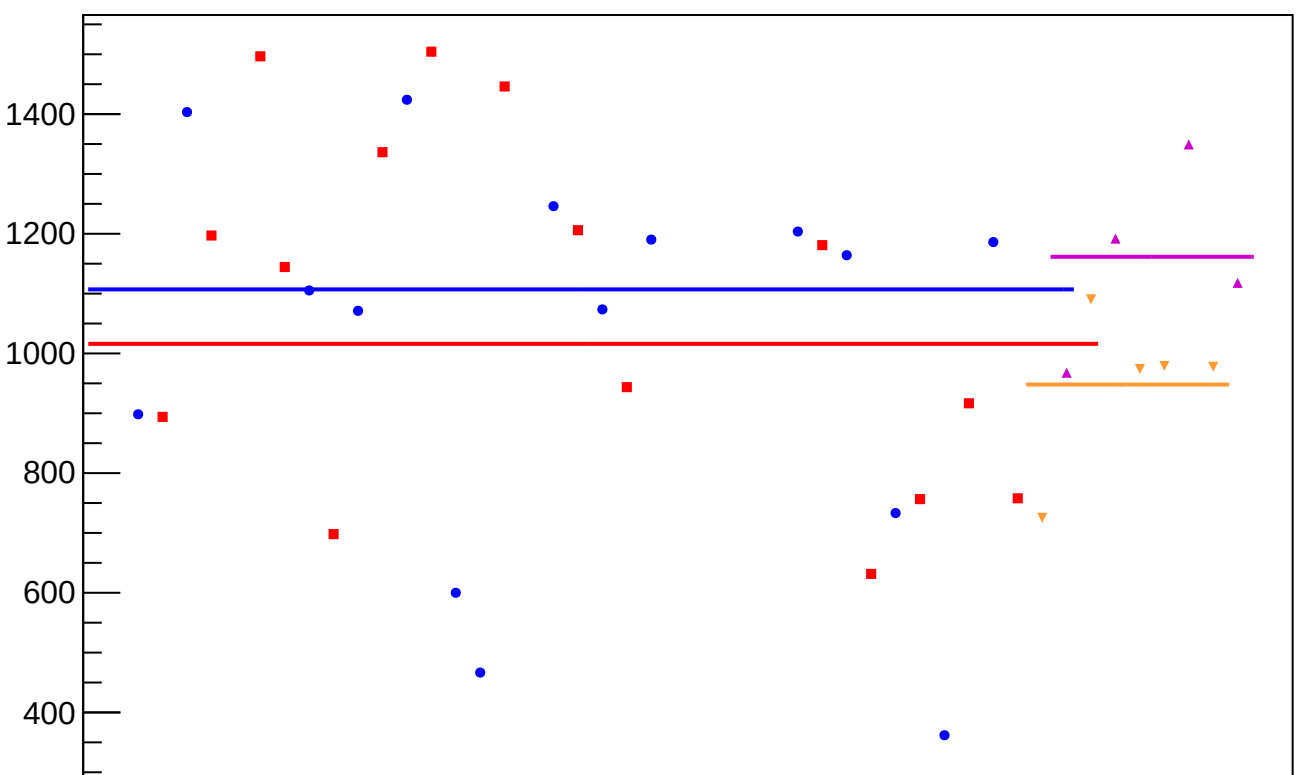
All: 578.399+/-0.000 χ^2/NDF: 1387000987 93

Right Out: 506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

- sign 544.742+/-0.000 χ^2/NDF: 526267499839074

Left Out: 620.513+/-0.000 χ^2/NDF:1252118443279736384705544284273010 2784.0/3

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

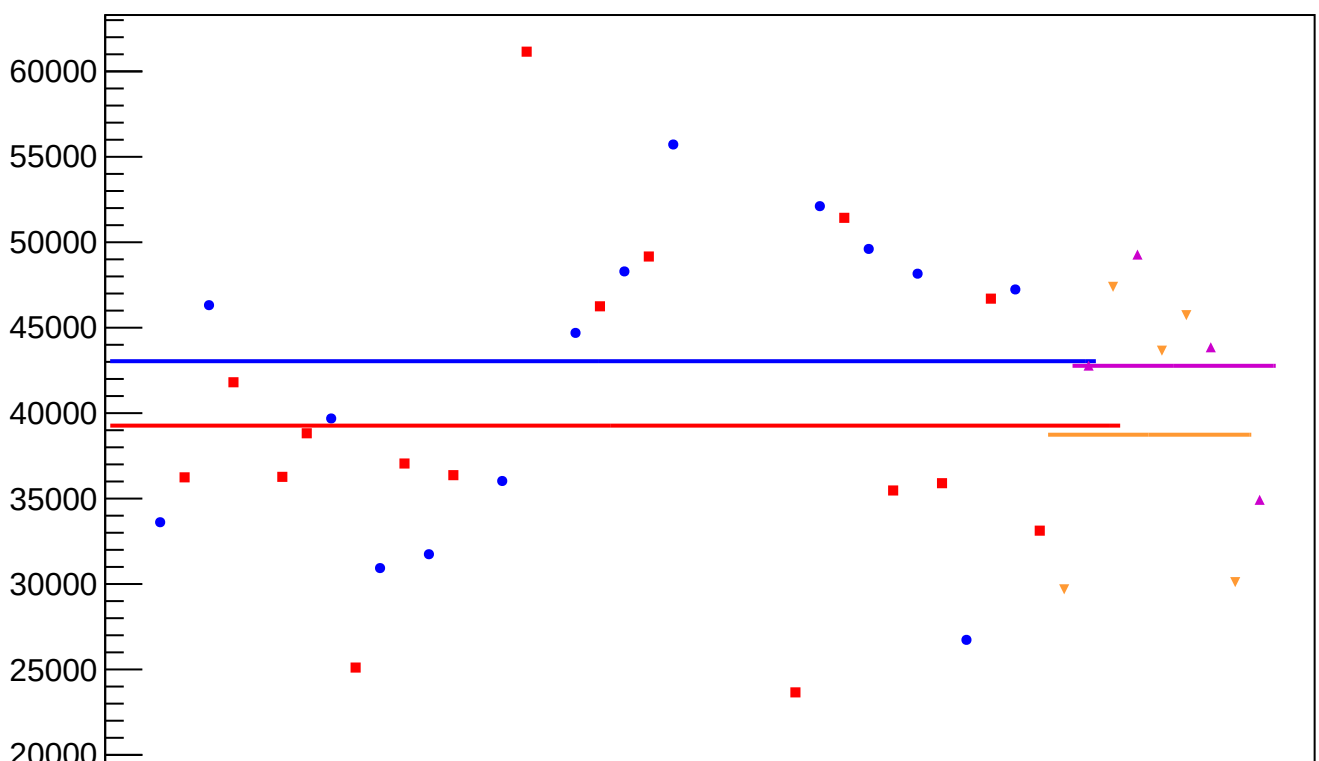
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

Left Out: 38737.652+/-0.000 χ^2/NDF:2294887531955096747494230716591849131212 8.0/4

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

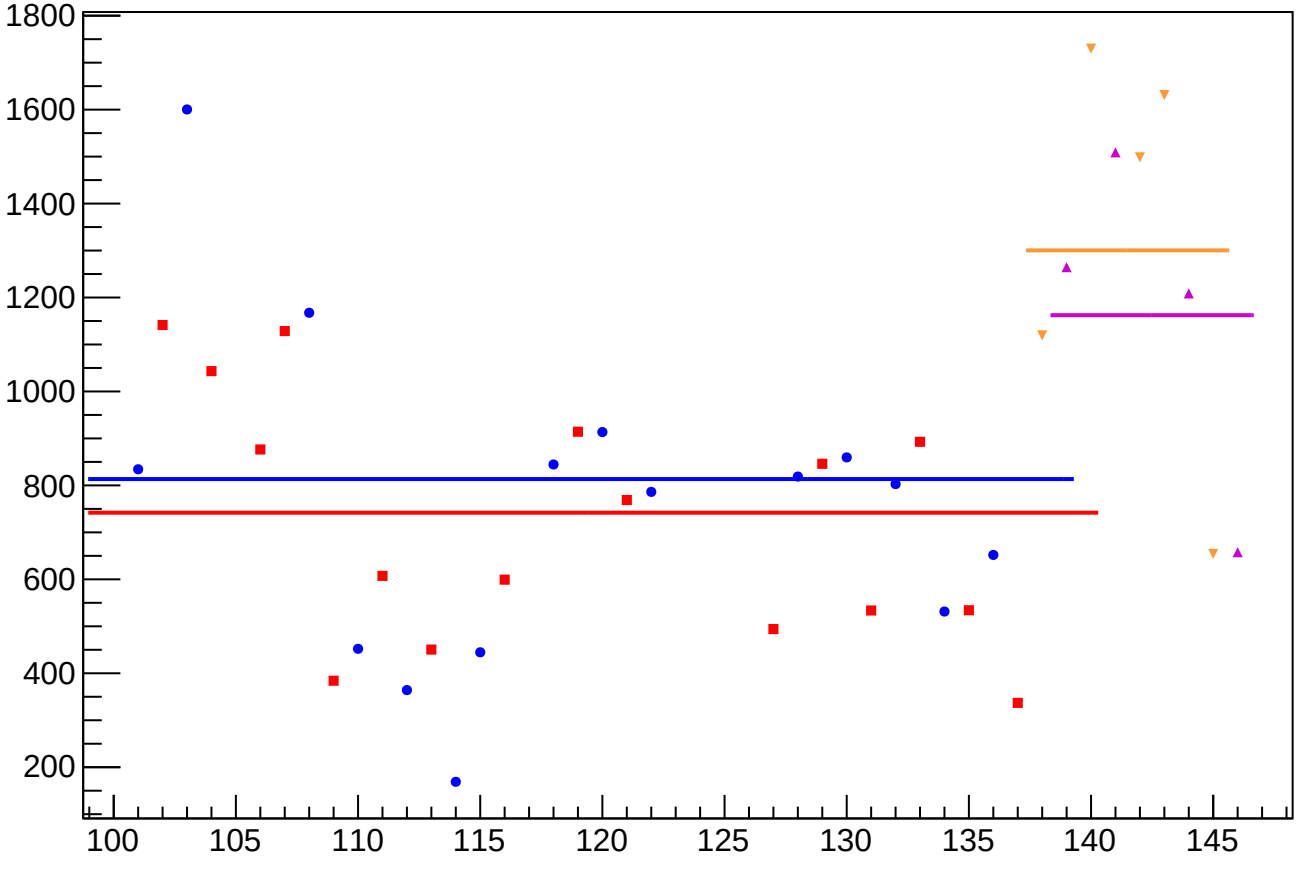
Left In: 42770.121+/-0.000 χ^2/NDF:8811306817101655518927562434092115951616.0/3

+ sign 41521.477+/-0.000 χ^2/NDF: 7558570892498

All: 40983.657+/-0.000 χ^2/NDF: 1395984612

- sign 40446.907+/-0.000 χ^2/NDF: 6343309340499

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 1300.408+/-0.000 χ^2/NDF:606352932821455696679567342964414873 60.0/4

Right Out: 741.911+/-0.000 χ^2/NDF: 440741343972154092356047464326716456 96.0/15

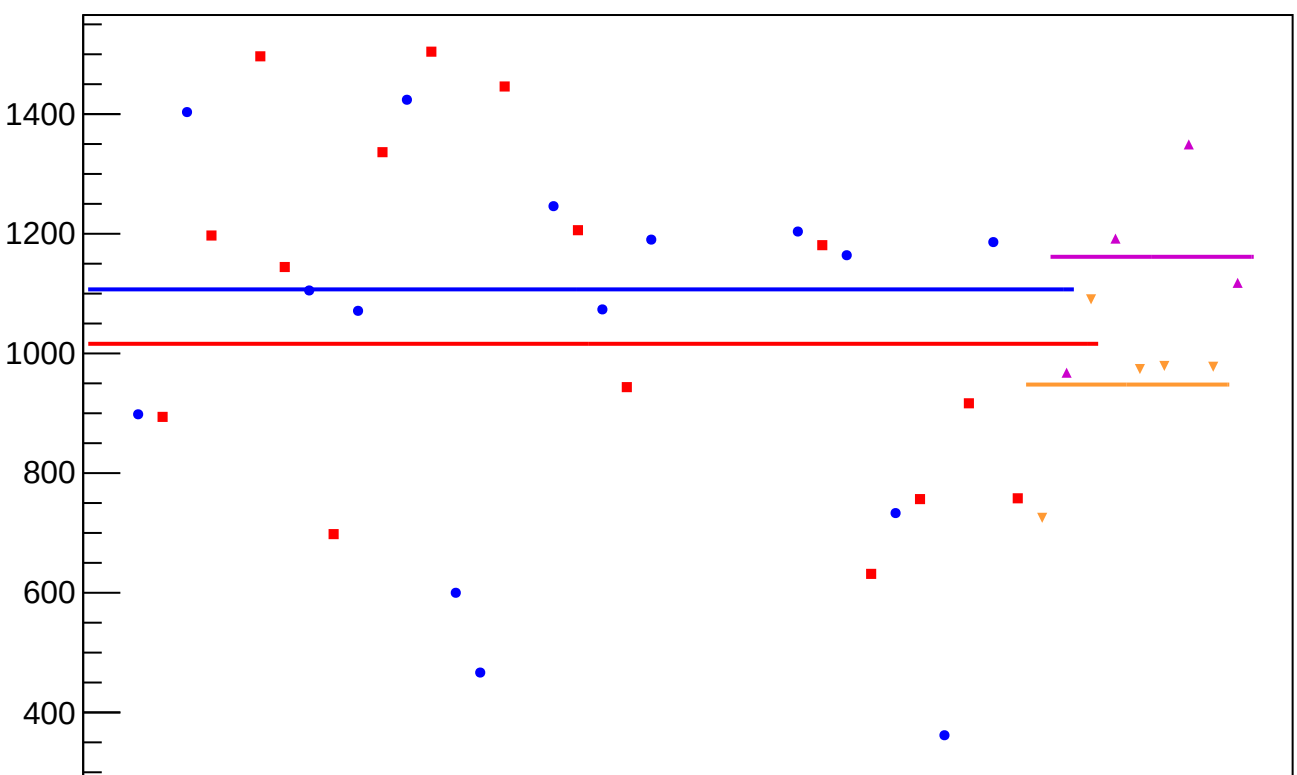
Left In: 1162.349+/-0.000 χ^2/NDF:323848760603757235397844014677004124 16.0/3

+ sign 985.350+/-0.000 χ^2/NDF: 18206136449261 7

All: 934.280+/-0.000 χ^2/NDF: 3034005472 04

- sign 883.312+/-0.000 χ^2/NDF: 116112490378403

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

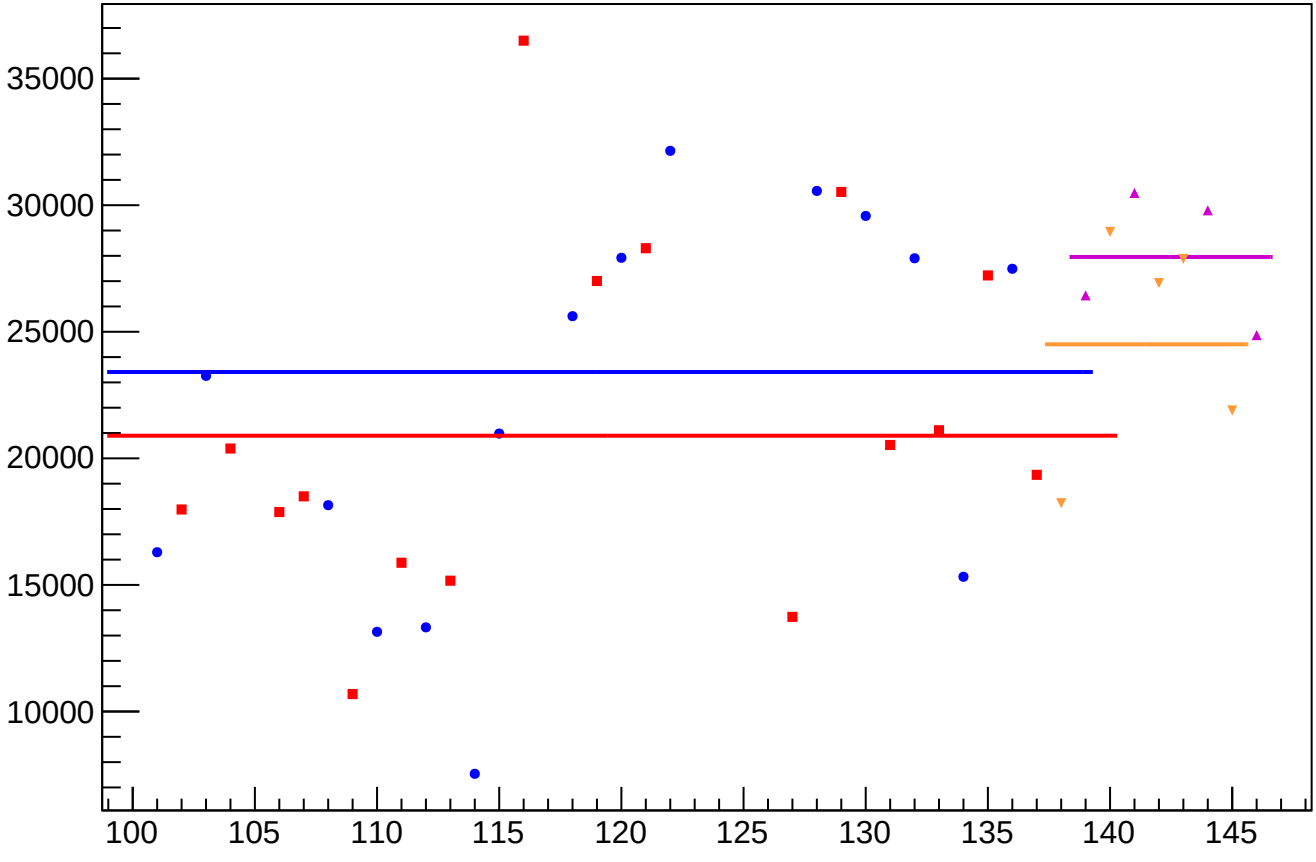
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 24505.010+/-0.000 χ^2/NDF:627405188182814743700737682529216941 2608.0/4

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183 74656.0/15

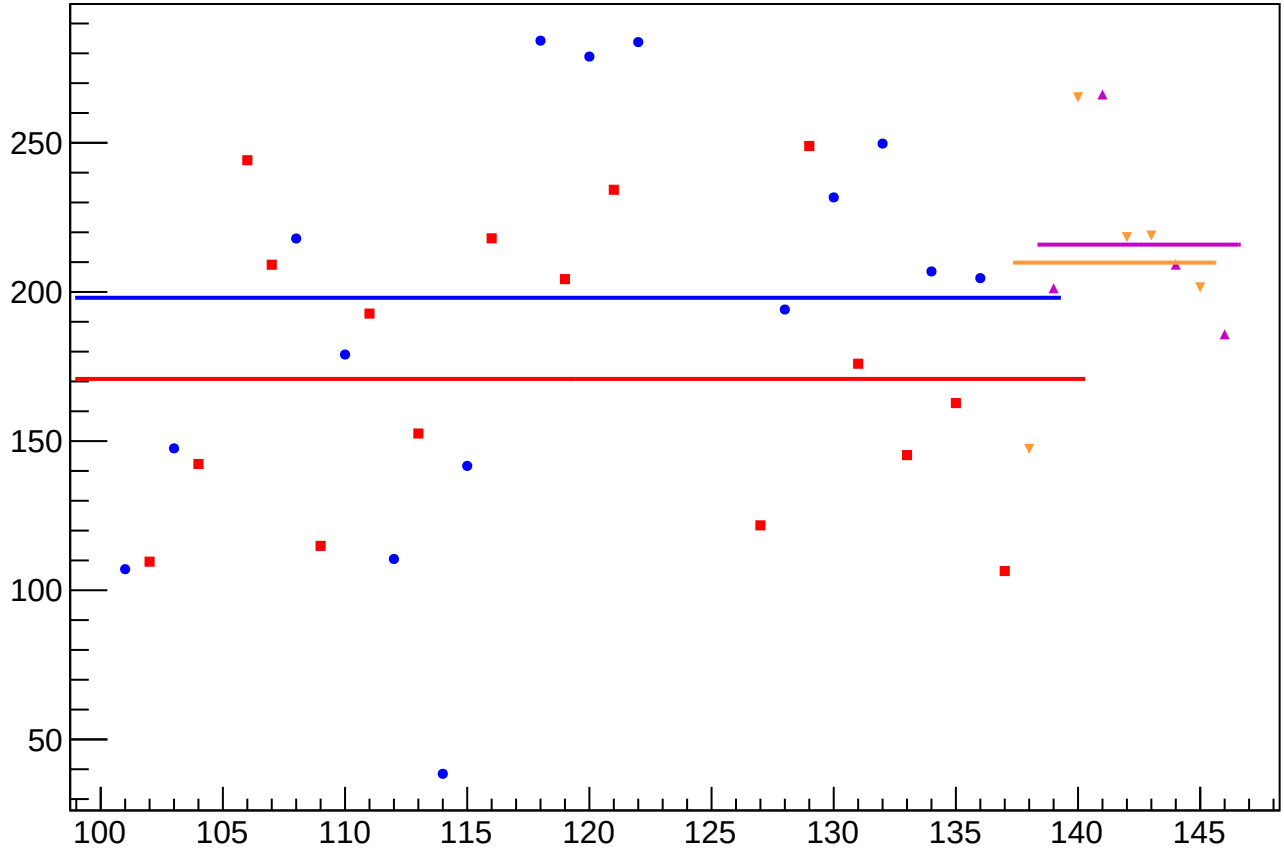
Left In: 27955.077+/-0.000 χ^2/NDF:182415761050832977944796610748466855 9360.0/3

+ sign 23797.449+/-0.000 χ^2/NDF: 3497540657581

All: 23532.887+/-0.000 χ^2/NDF: 755329573 5

- sign 23268.851+/-0.000 χ^2/NDF: 4041728432305

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 209.844+/-0.000 χ^2/NDF:5704755077966973224916673926508052 48.0/4

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

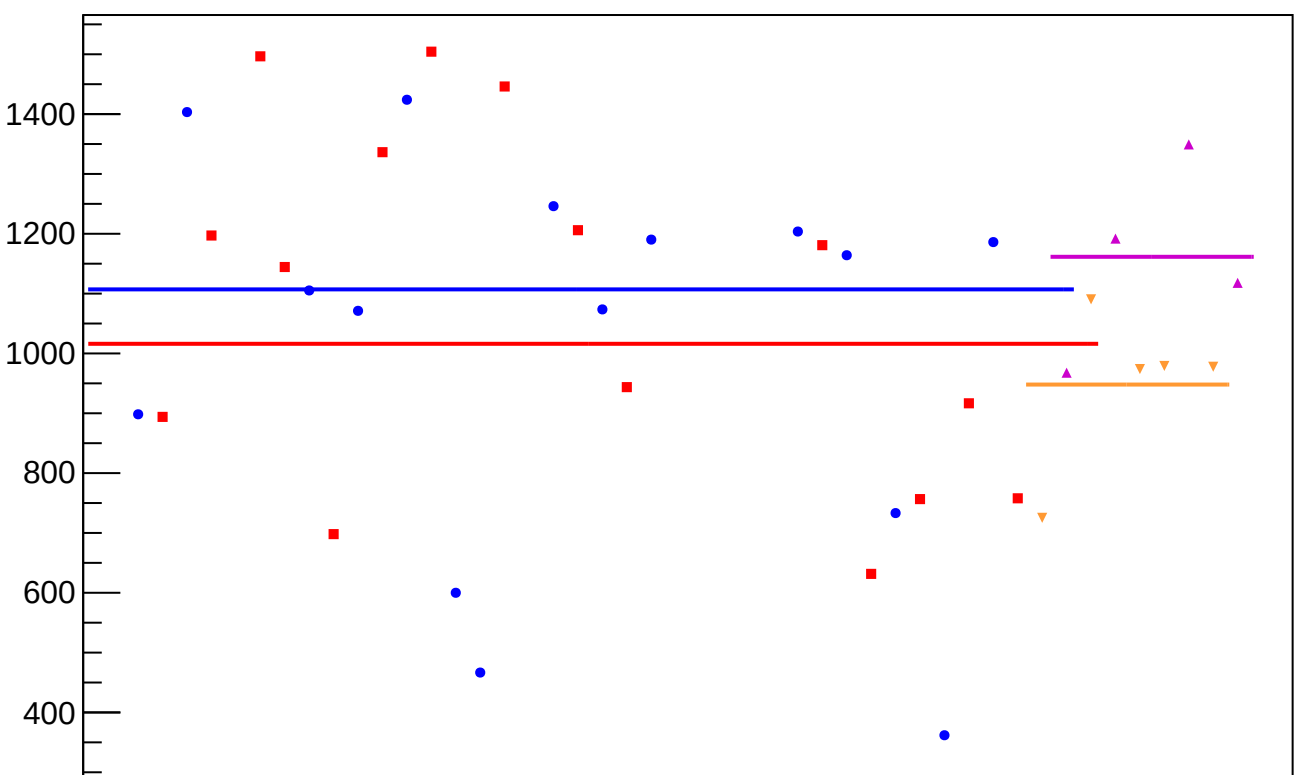
Left In: 215.869+/-0.000 χ^2/NDF:3117742086683393577285292648468316 16.0/3

+ sign 202.216+/-0.000 χ^2/NDF: 308523409728690

All: 194.096+/-0.000 χ^2/NDF: 540208374563

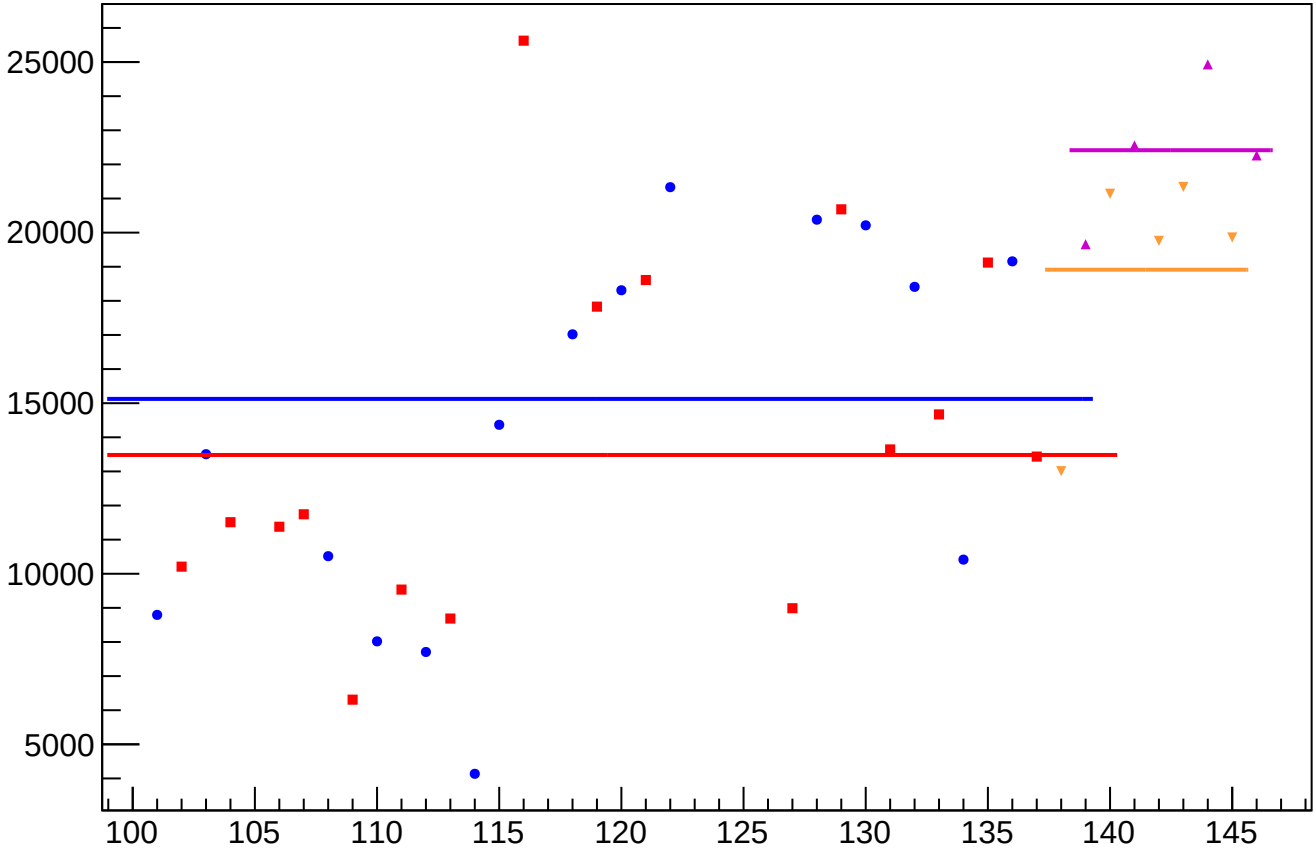
- sign 185.992+/-0.000 χ^2/NDF: 218470867057425

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0
Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8
Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Left Out: 18913.131+/-0.000 χ^2/NDF:36274883313633408304339772283534715125 76.0/4

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

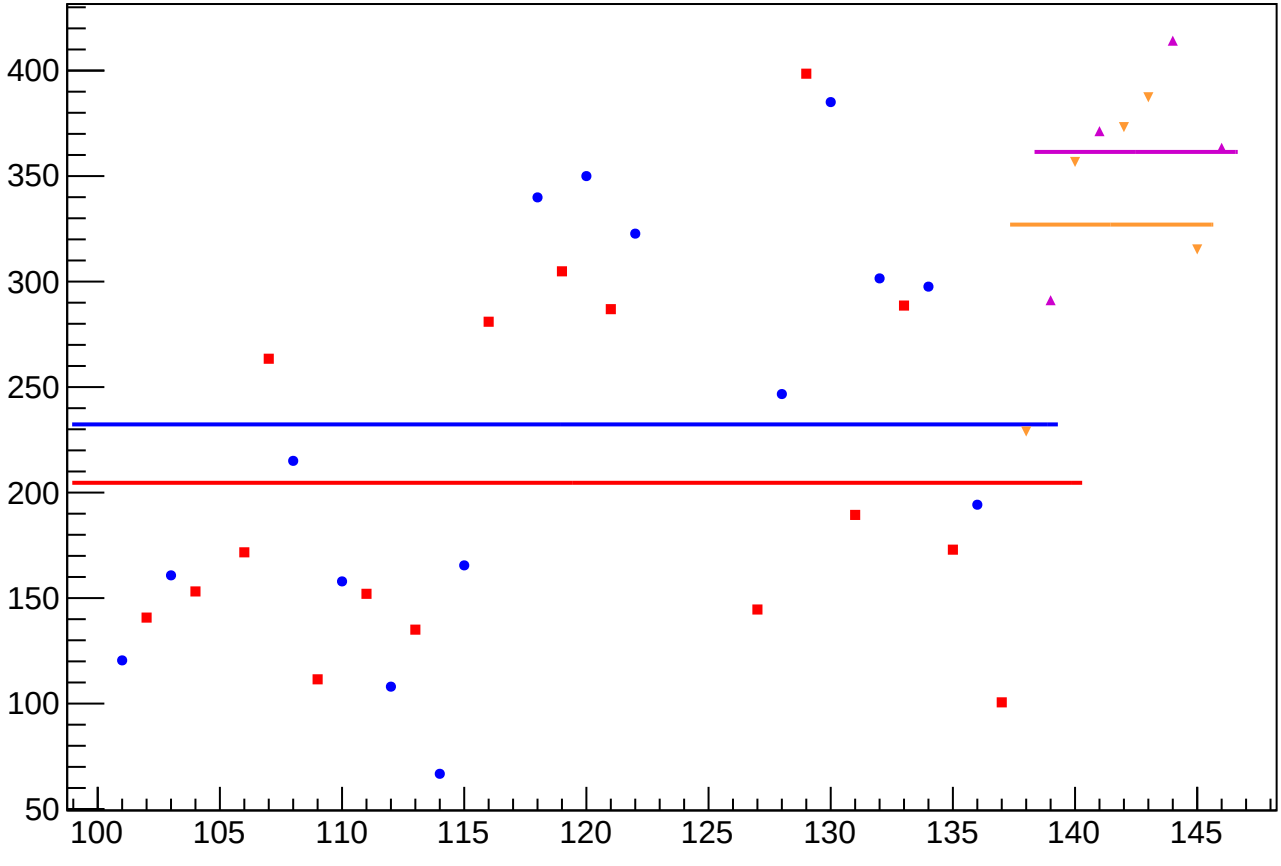
Left In: 22415.714+/-0.000 χ^2/NDF:11820798220329371301907595917665836728 32.0/3

+ sign 16462.527+/-0.000 χ^2/NDF: 2352846033827

All: 16474.643+/-0.000 χ^2/NDF: 585238898

- sign 16486.735+/-0.000 χ^2/NDF: 3499513530687

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Left Out: 327.010+/-0.000 χ^2/NDF:1175636884138400895924510569755836416.0/4

Right Out: 204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

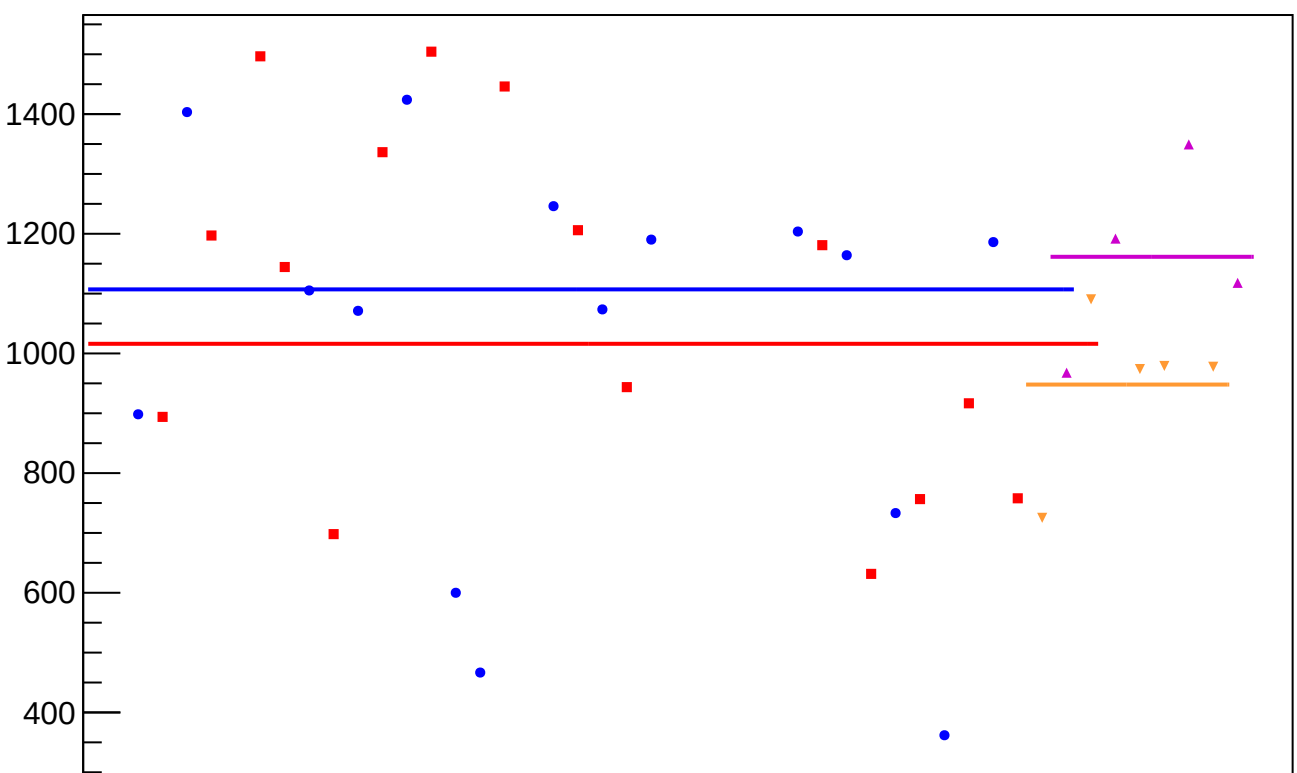
Left In: 361.450+/-0.000 χ^2/NDF:6559333050324038937579299145651322 88.0/3

+ sign 265.735+/-0.000 χ^2/NDF: 870792982704446

All: 261.551+/-0.000 χ^2/NDF: 19470212795 9

- sign 257.376+/-0.000 χ^2/NDF: 107272106337103

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

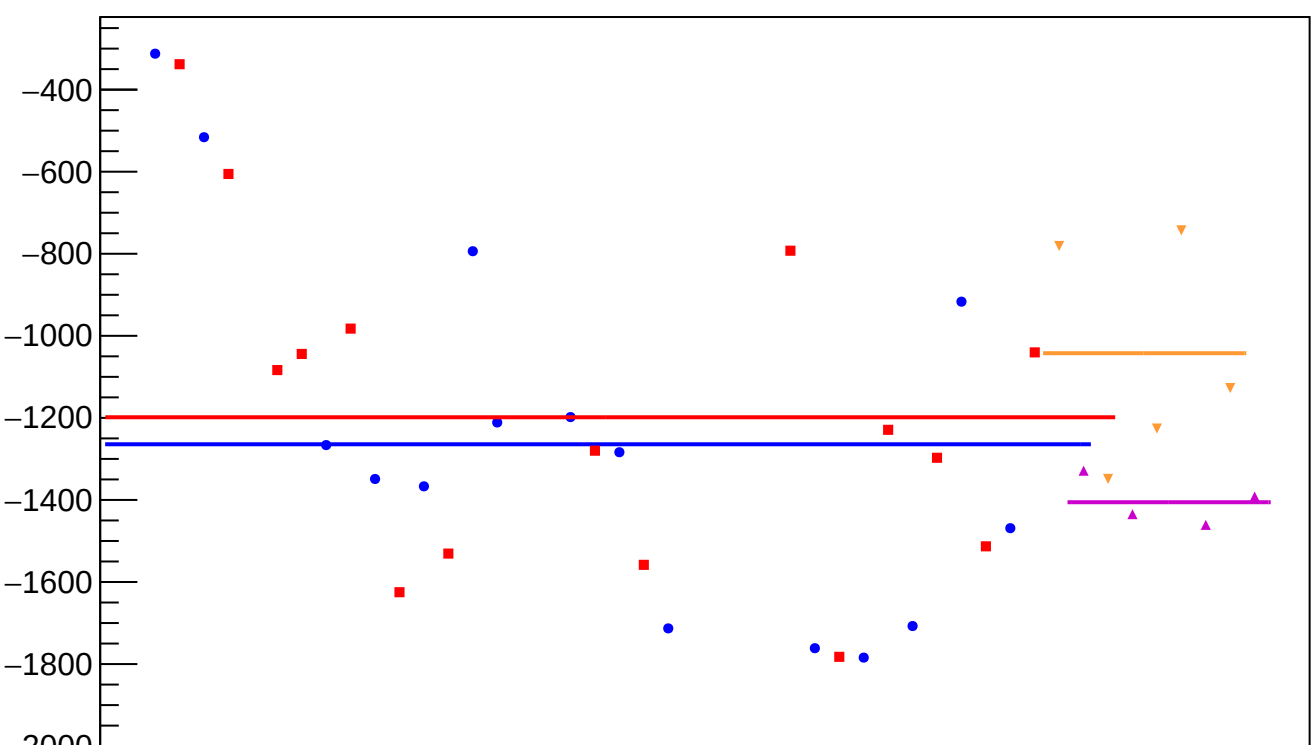
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

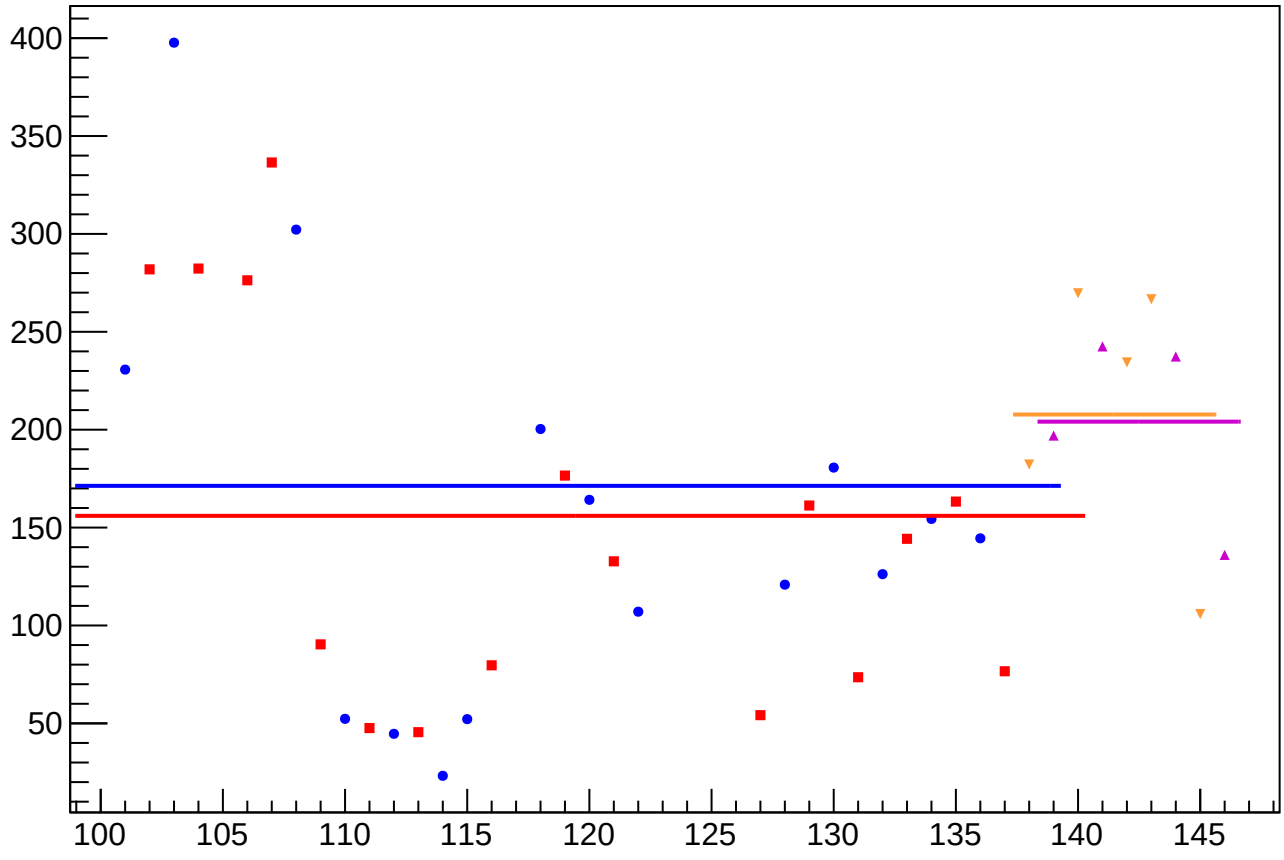
Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1185.969+/-0.000 χ^2/NDF: 1726653182588
Left Out: -1042.359+/-0.000 χ^2/NDF:2116682509814815881127826367763709952 0.0/4
All: -1227.088+/-0.000 χ^2/NDF: 3176732568
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
- sign -1268.125+/-0.000 χ^2/NDF: 1416196660699
Left In: -1405.554+/-0.000 χ^2/NDF:8362702008909654069934227996394127 36.0/3

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

+ sign 184.181+/-0.000 χ^2/NDF: 789626200190286

Left Out: 207.755+/-0.000 χ^2/NDF:147124803459471615565027201848128307 2.0/4

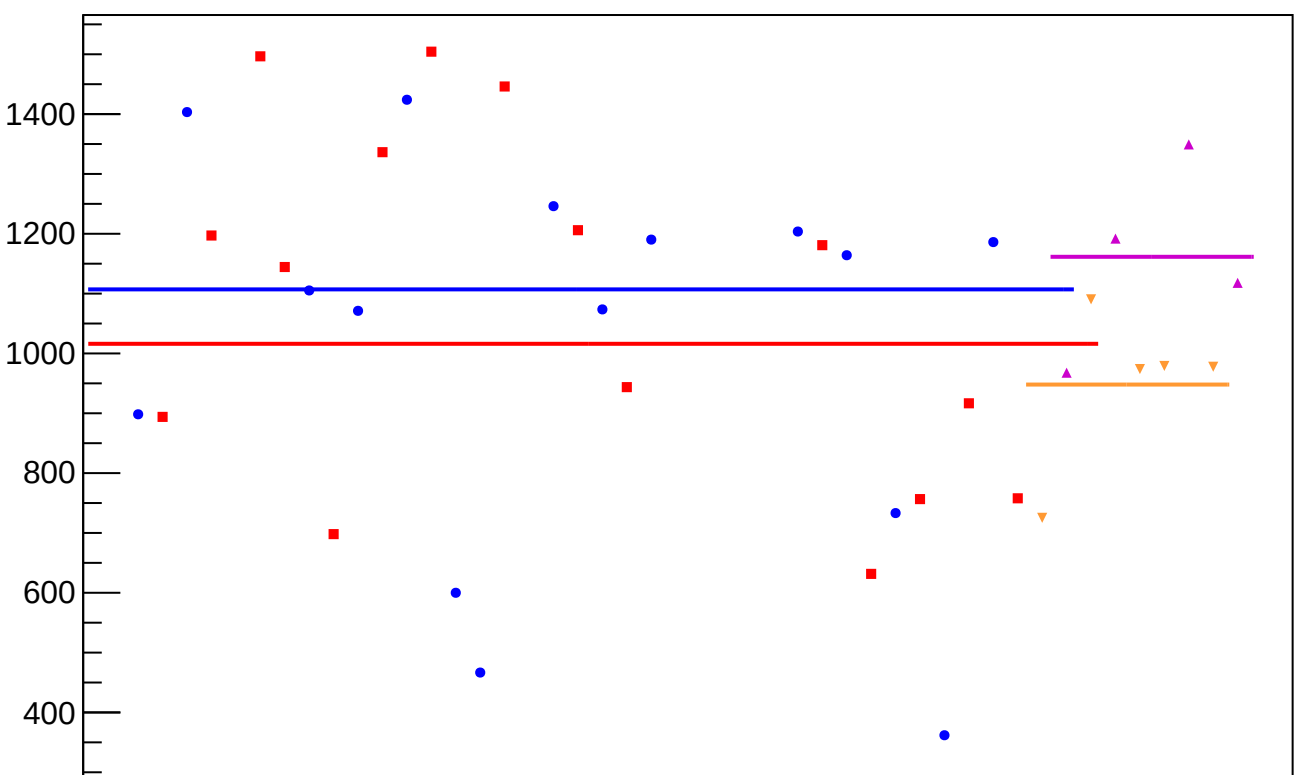
All: 178.173+/-0.000 χ^2/NDF: 14781184882

Right Out: 155.993+/-0.000 χ^2/NDF: 568065928150459585202152472724478361 6.0/15

- sign 172.176+/-0.000 χ^2/NDF: 681257107805004

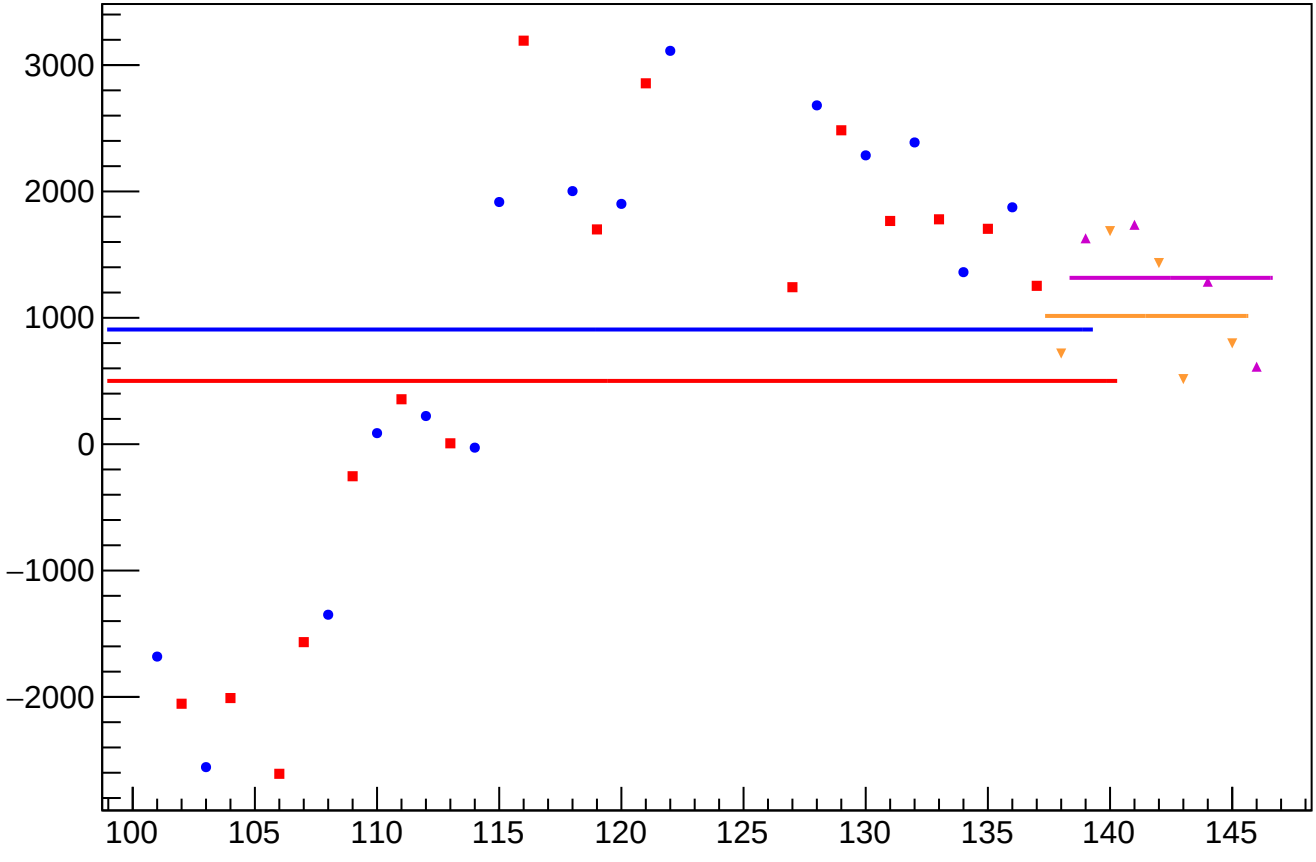
Left In: 204.110+/-0.000 χ^2/NDF:612559629162861688075892968579399680.0/3

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0
Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8
Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

+ sign 945.363+/-0.000 χ^2/NDF: 218234065932626

Left Out: 1014.885+/-0.000 χ^2/NDF:7245839568922297116724070120127306137 6.0/4

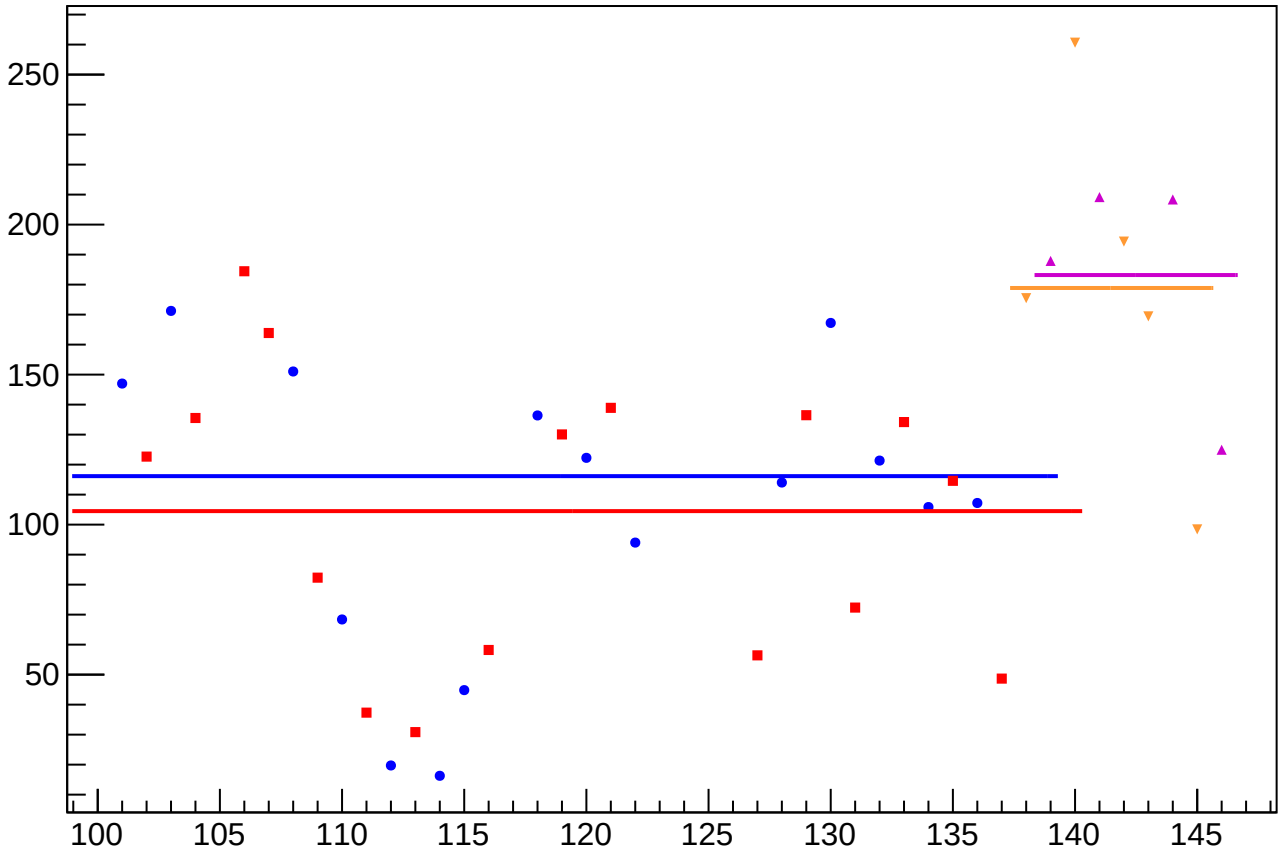
All: 860.095+/-0.000 χ^2/NDF: 44844002928 3

Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

- sign 774.996+/-0.000 χ^2/NDF: 228748924616674

Left In: 1316.308+/-0.000 χ^2/NDF:640280969341795405270566440679474462 72.0/3

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 178.875+/-0.000 χ^2/NDF:1090445330437393402519325954428370944.0/4

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

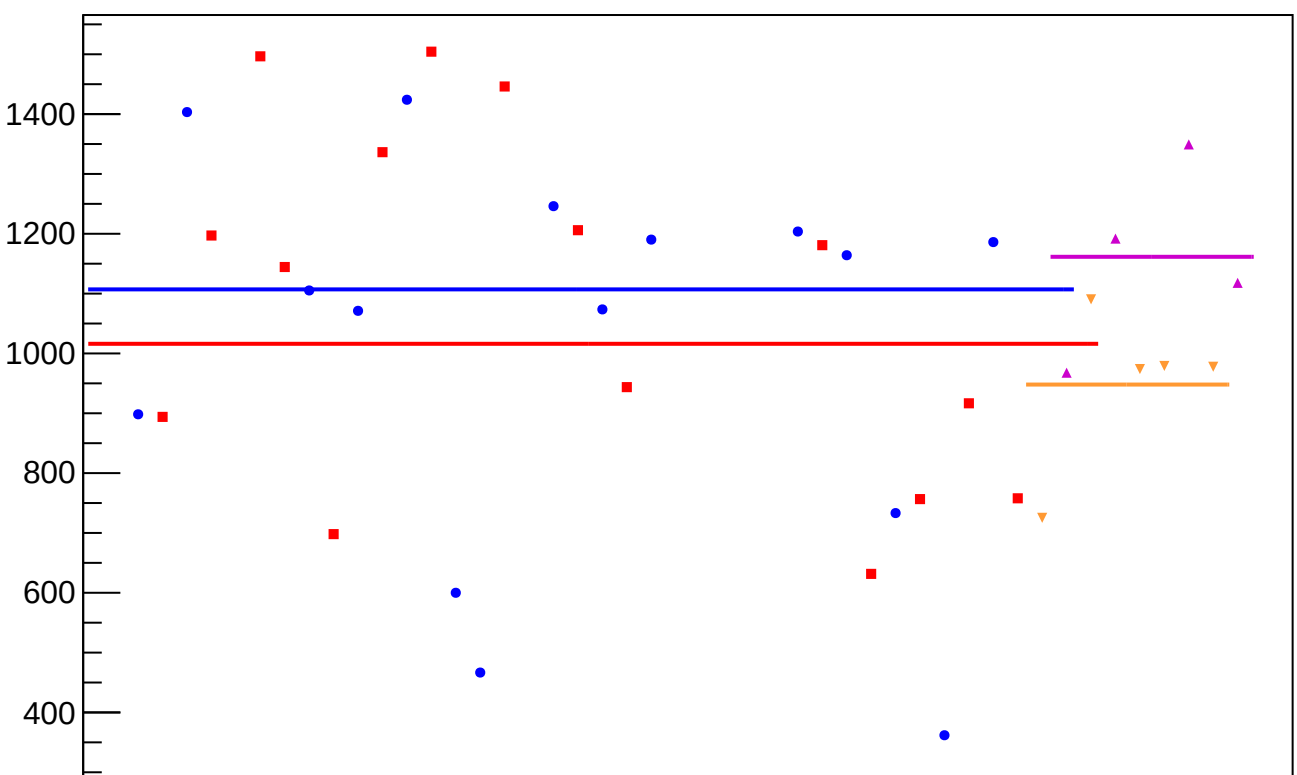
Left In: 183.187+/-0.000 χ^2/NDF:3970710093199474095495087394578759 68.0/3

+ sign 138.294+/-0.000 χ^2/NDF: 31899098859358

All: 134.625+/-0.000 χ^2/NDF: 62888534342

- sign 130.964+/-0.000 χ^2/NDF: 307197320556019

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1050.912+/-0.000 χ^2/NDF: 5212958593735 0

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

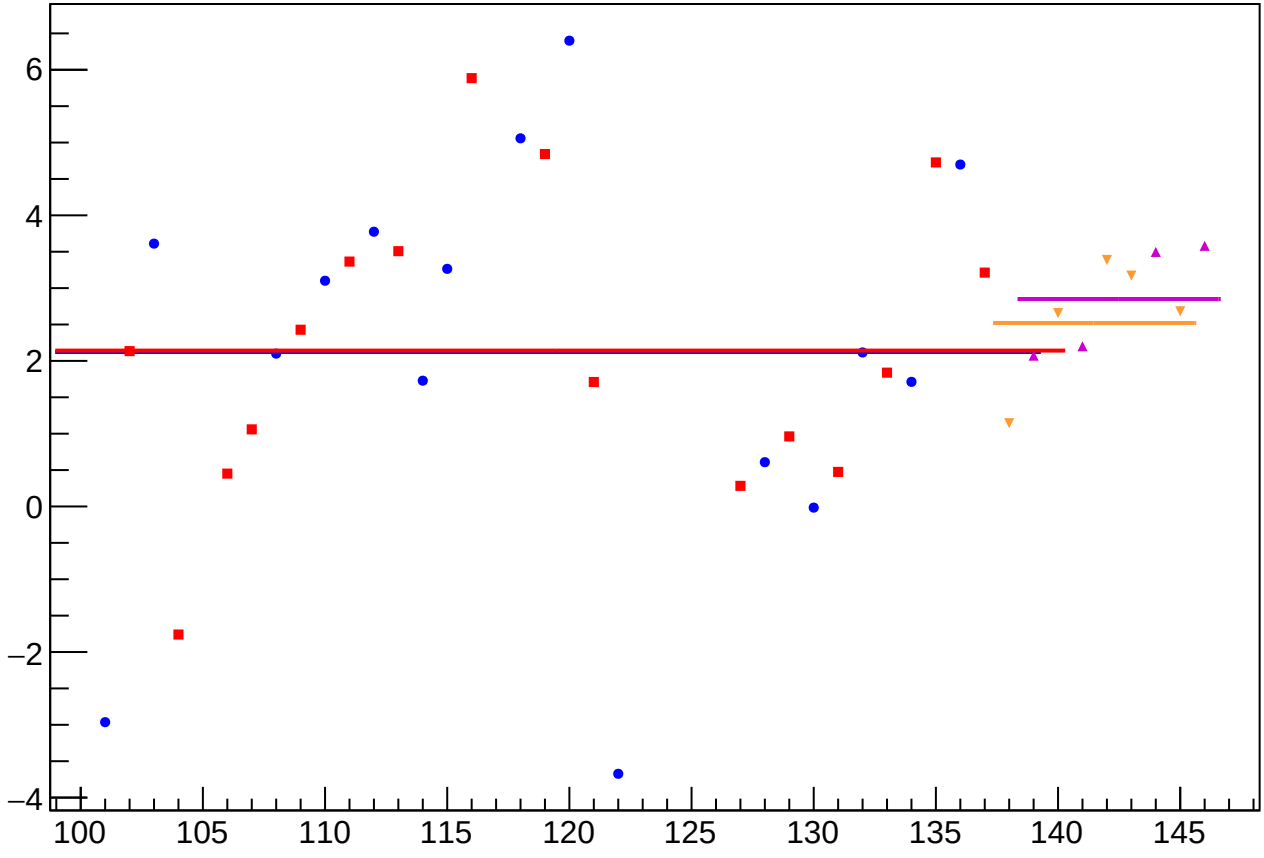
All: 1057.969+/-0.000 χ^2/NDF: 1359553314 5

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1065.011+/-0.000 χ^2/NDF: 8372596165252 8

Left In: 1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

+ sign 2.263+/-0.000 χ^2/NDF: 5514579057682849 4

Left Out: 2.521+/-0.000 χ^2/NDF:2145229577617754483573055480135 68.0/4

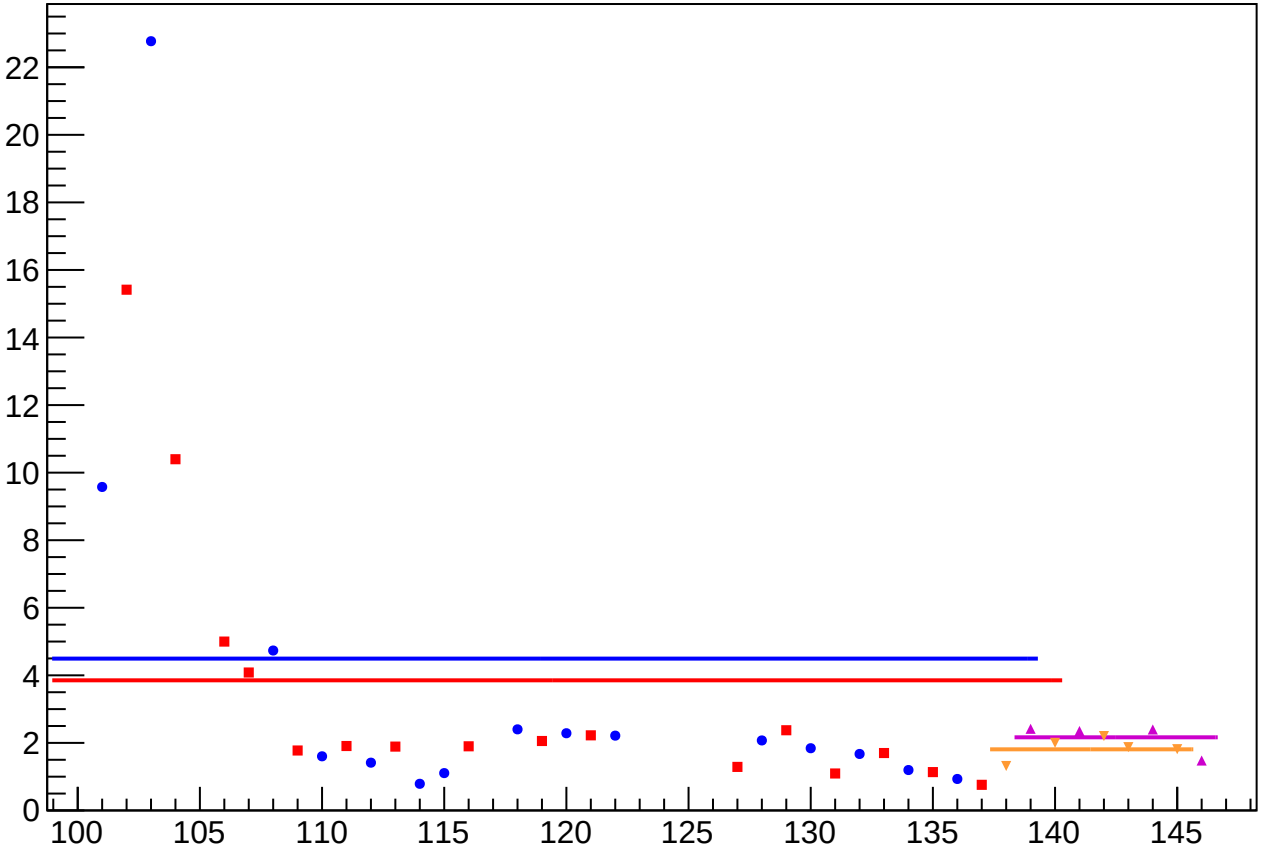
All: 2.322+/-0.000 χ^2/NDF: 8273621794610 4

Right Out: 2.142+/-0.000 χ^2/NDF: 247294994099367246616169225702604 8.0/15

- sign 2.380+/-0.000 χ^2/NDF: 2752207189256532 3

Left In: 2.851+/-0.000 χ^2/NDF:166564123106417714716836941004800.0/3

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

+ sign 3.547+/-0.000 χ^2/NDF: 2695173904871112 0

Left Out: 1.810+/-0.000 χ^2/NDF:2942770288484018961572065338982 4.0/4

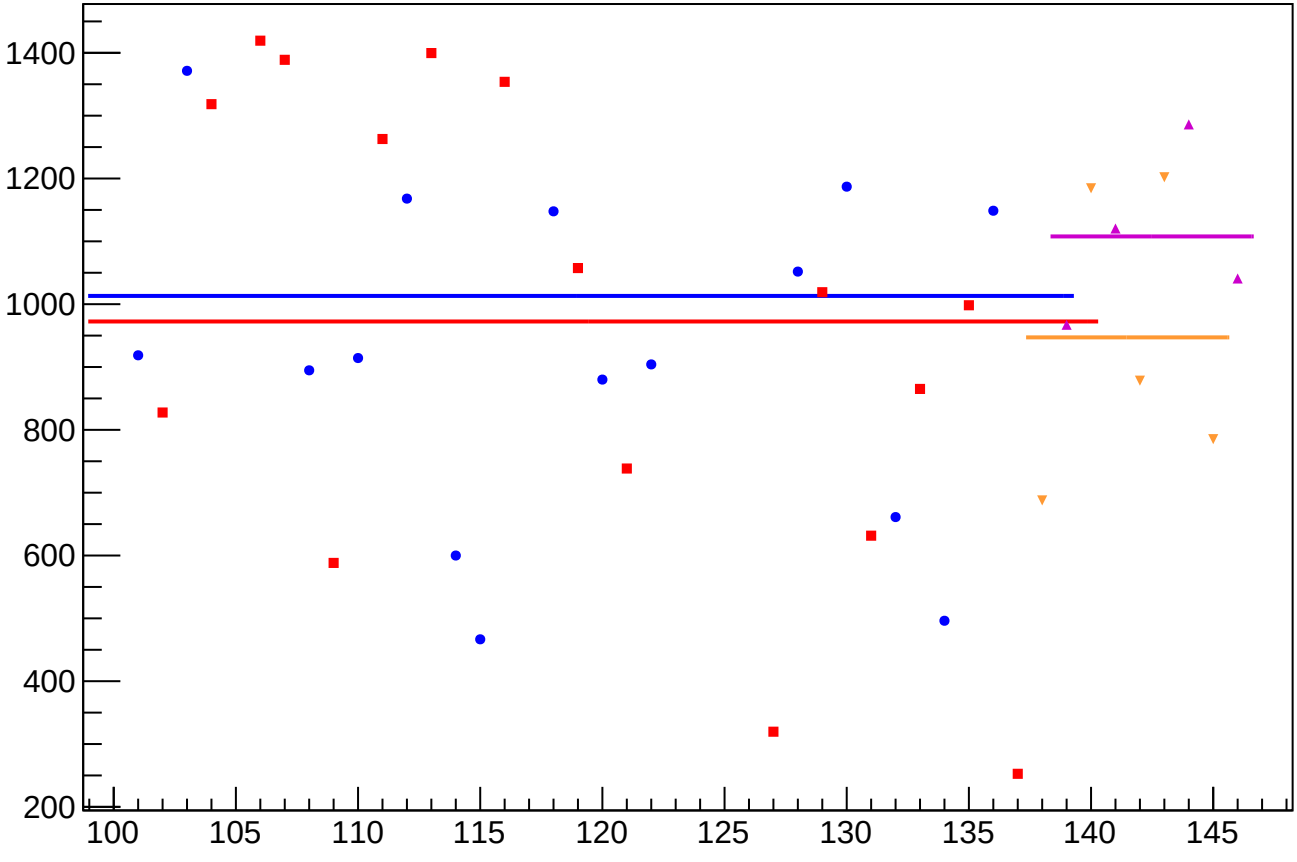
All: 3.416+/-0.000 χ^2/NDF: 3999190321938 9

Right Out: 3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

- sign 3.285+/-0.000 χ^2/NDF: 1300562035610490 0

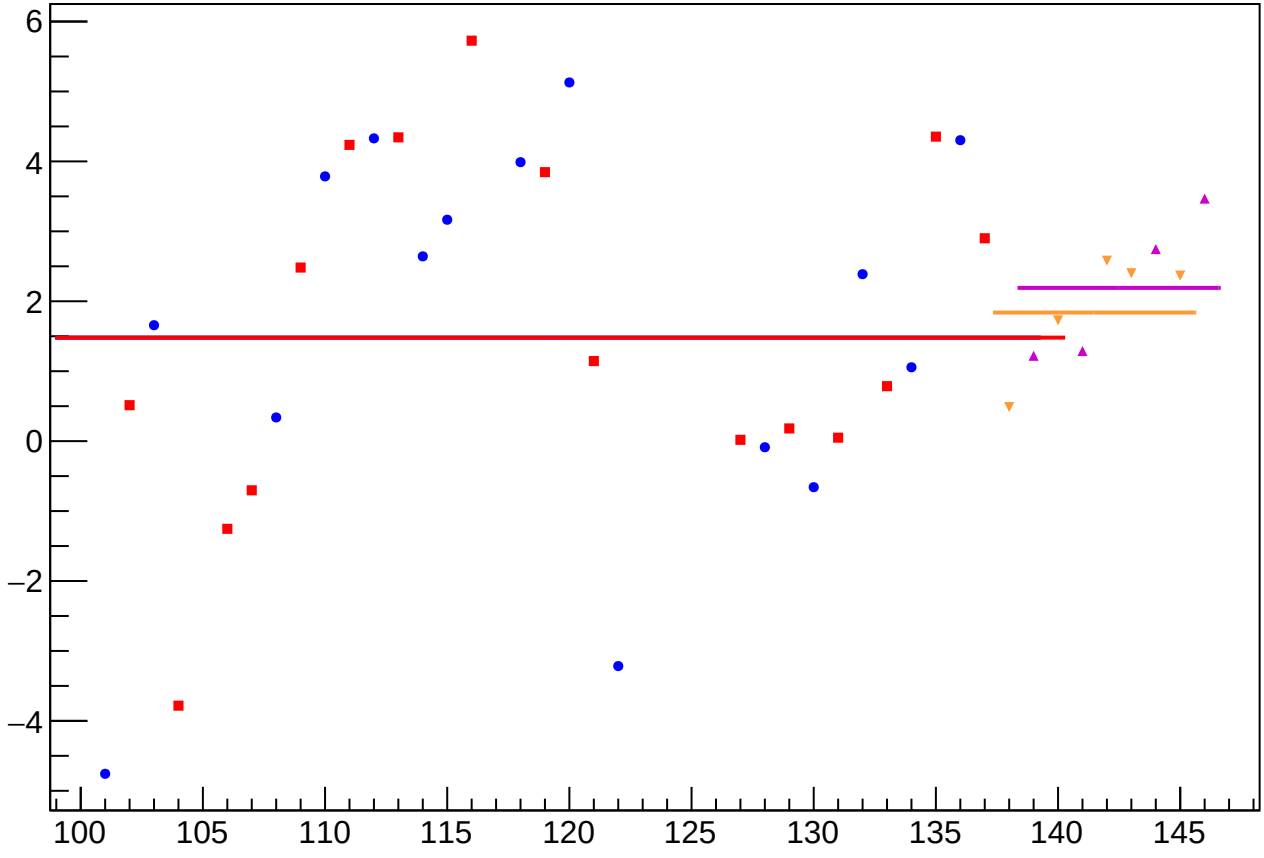
Left In: 2.165+/-0.000 χ^2/NDF:5207844714428776623231162594099 2.0/3

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 1.839+/-0.000 χ^2/NDF:212657372986078347091138505080832.0/4

Right Out: 1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

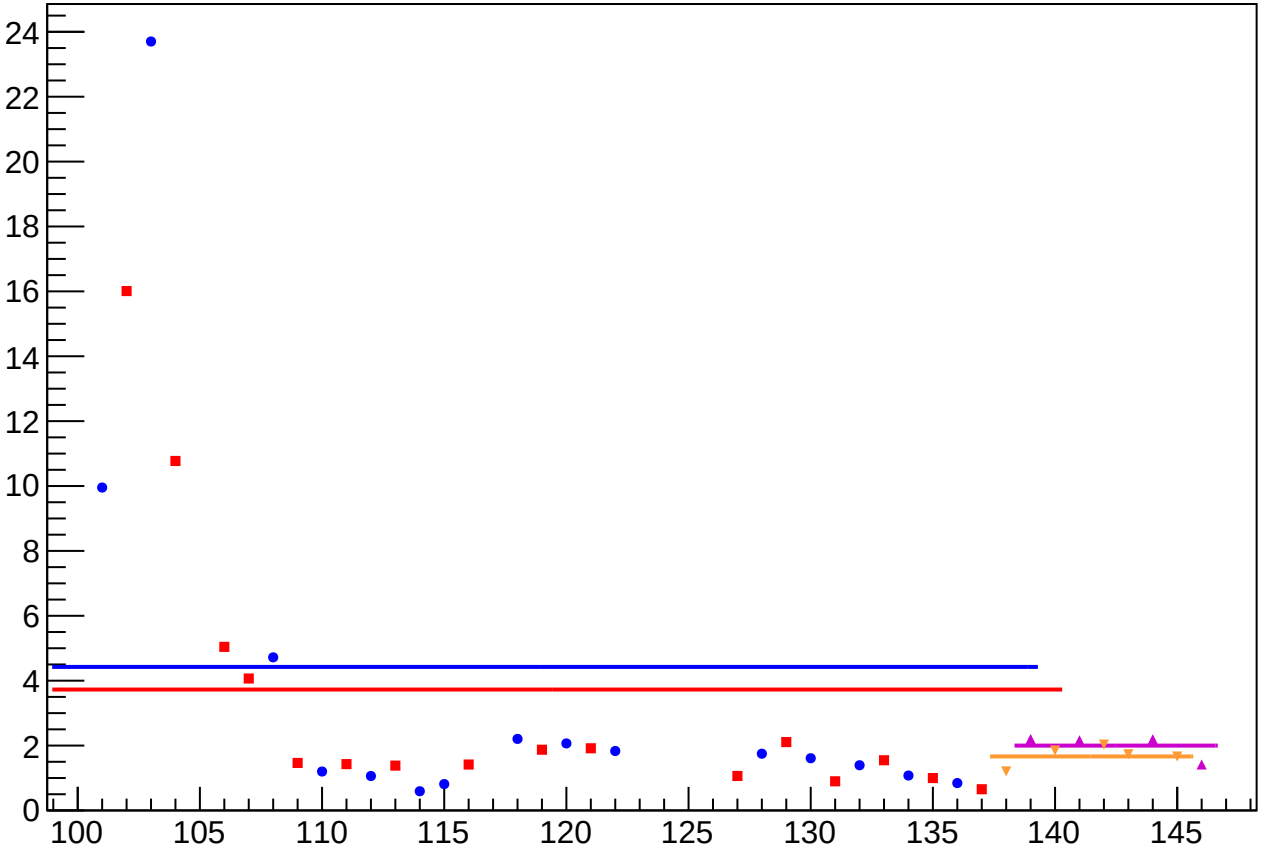
Left In: 2.191+/-0.000 χ^2/NDF:308441485929261855889360831905792.0/3

+ sign 1.607+/-0.000 χ^2/NDF: 6041775759119171 7

All: 1.663+/-0.000 χ^2/NDF: 1056273021826 6

- sign 1.719+/-0.000 χ^2/NDF: 4514555500566430 1

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

+ sign 3.451+/-0.000 χ^2/NDF: 3002735692737105 5

Left Out: 1.665+/-0.000 χ^2/NDF:2581031529659227962645749432320 0.0/4

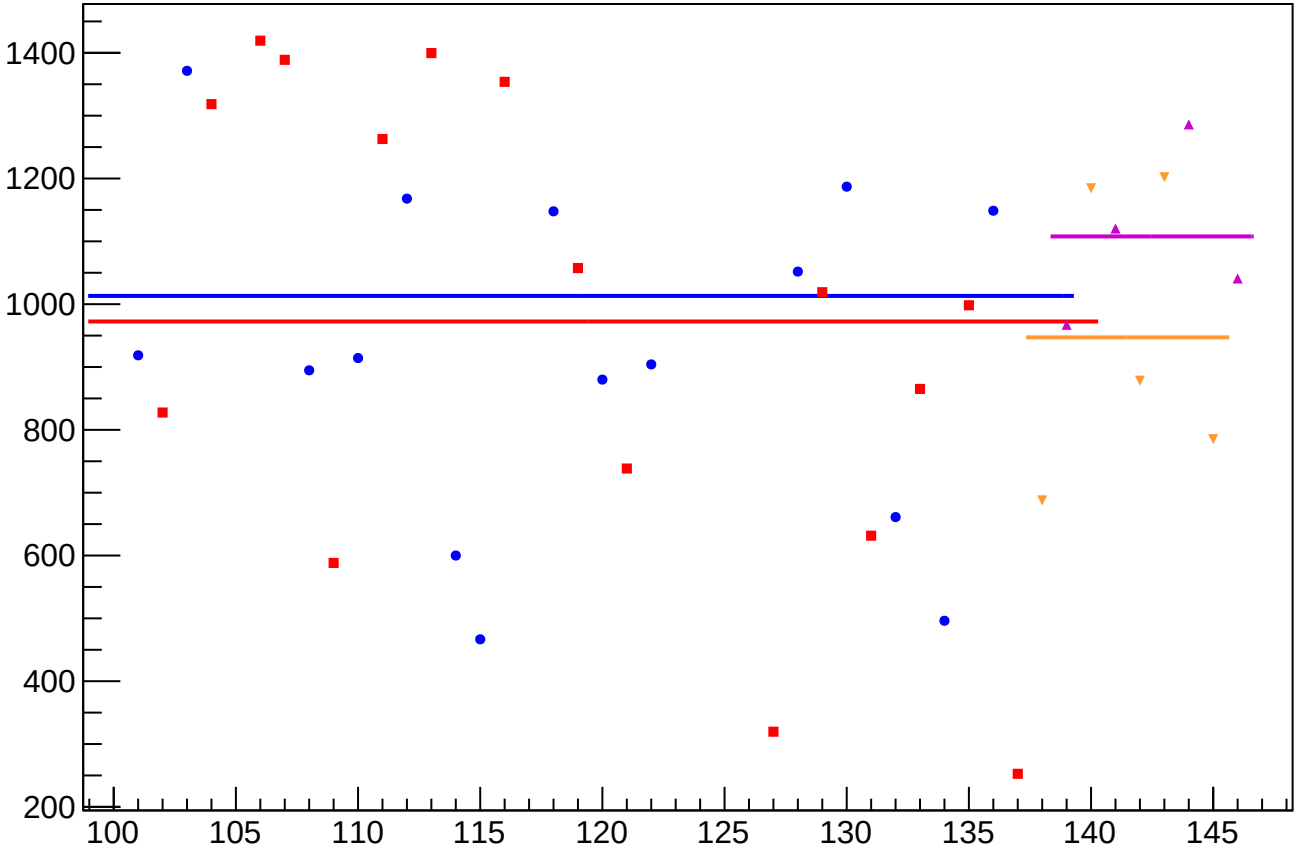
All: 3.298+/-0.000 χ^2/NDF: 4477300200410 6

Right Out: 3.727+/-0.000 χ^2/NDF: 1399181681474984251979428485346099 2.0/15

- sign 3.146+/-0.000 χ^2/NDF: 1469903663628733 7

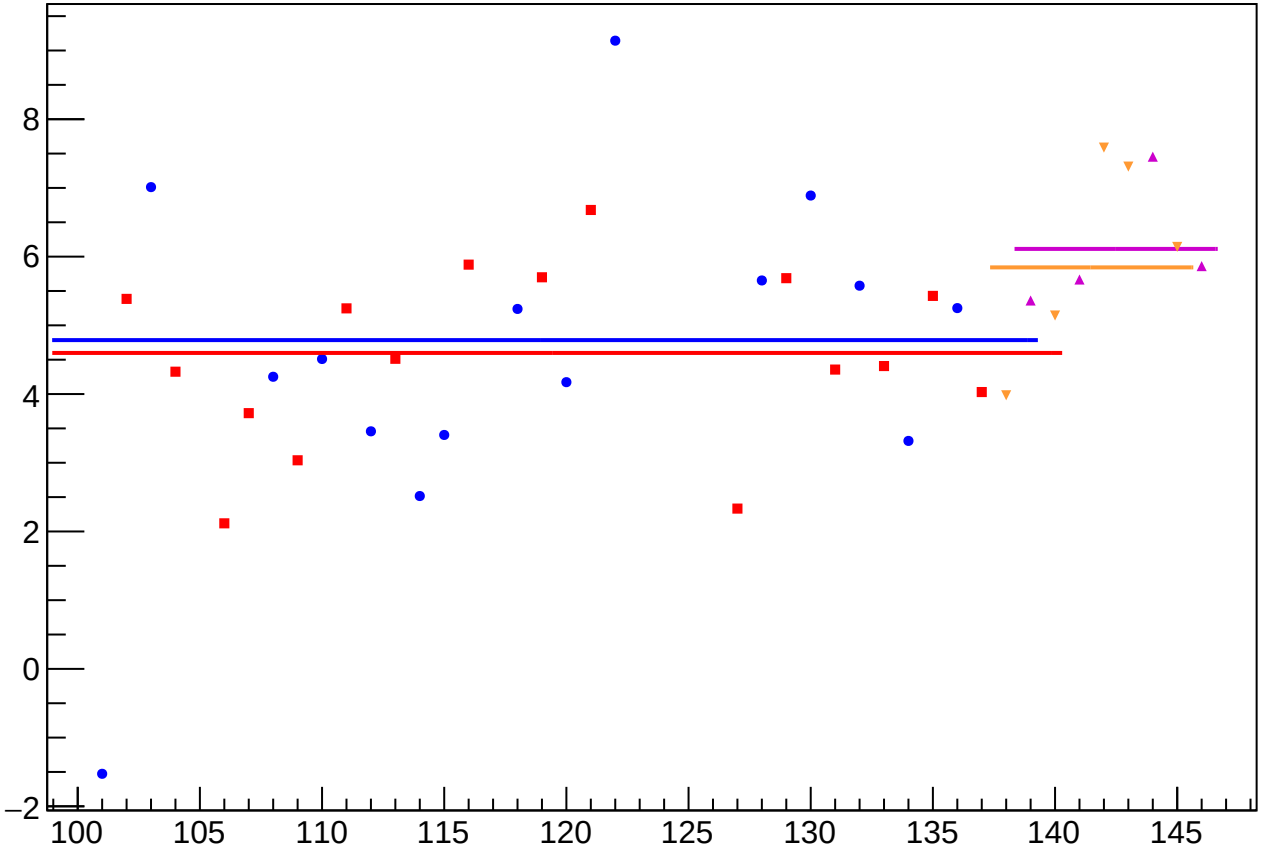
Left In: 1.999+/-0.000 χ^2/NDF:3728657411471945777463235811737 6.0/3

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

+ sign 5.159+/-0.000 χ^2/NDF: 4854732785823935 1

Left Out: 5.843+/-0.000 χ^2/NDF:601635066586915948497733865701376.0/4

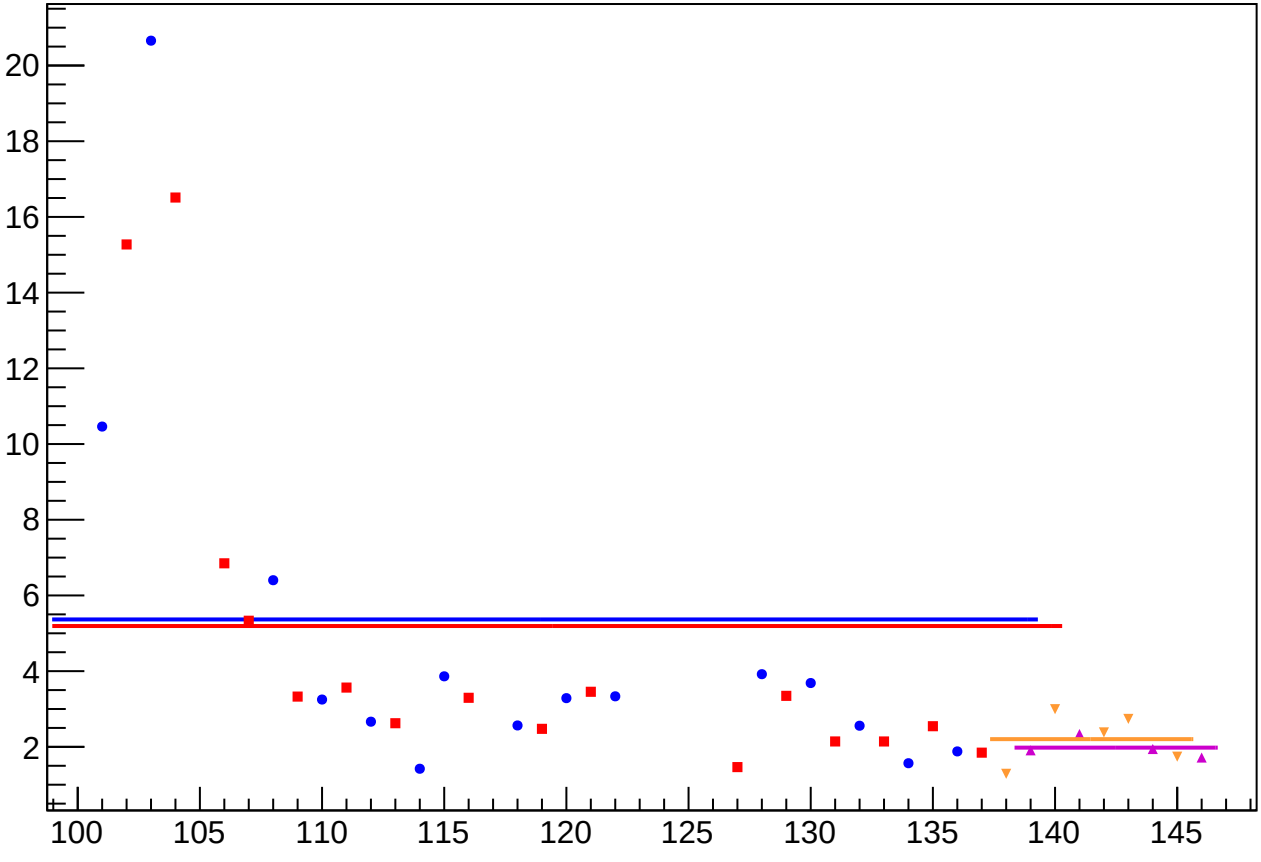
All: 5.133+/-0.000 χ^2/NDF: 6588027313658 6

Right Out: 4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

- sign 5.108+/-0.000 χ^2/NDF: 1731985580270961 7

Left In: 6.112+/-0.000 χ^2/NDF:228101685531198080619626069229568.0/3

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 4.250+/-0.000 χ^2/NDF: 2122600264682479 0

Left Out: 2.204+/-0.000 χ^2/NDF:1547202706488459663468116783923 20.0/4

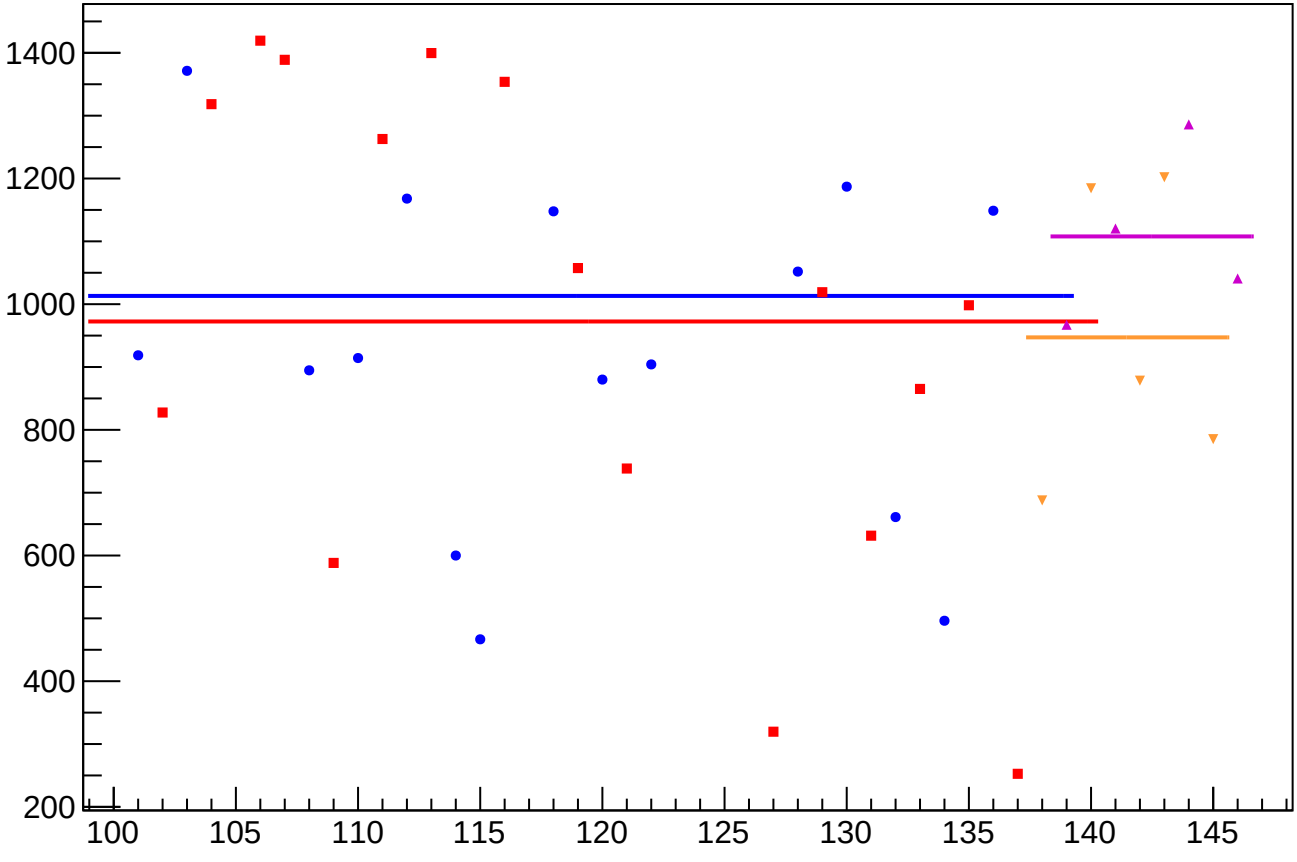
All: 4.181+/-0.000 χ^2/NDF: 3931808914836 2

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

- sign 4.112+/-0.000 χ^2/NDF: 1808247496731269 0

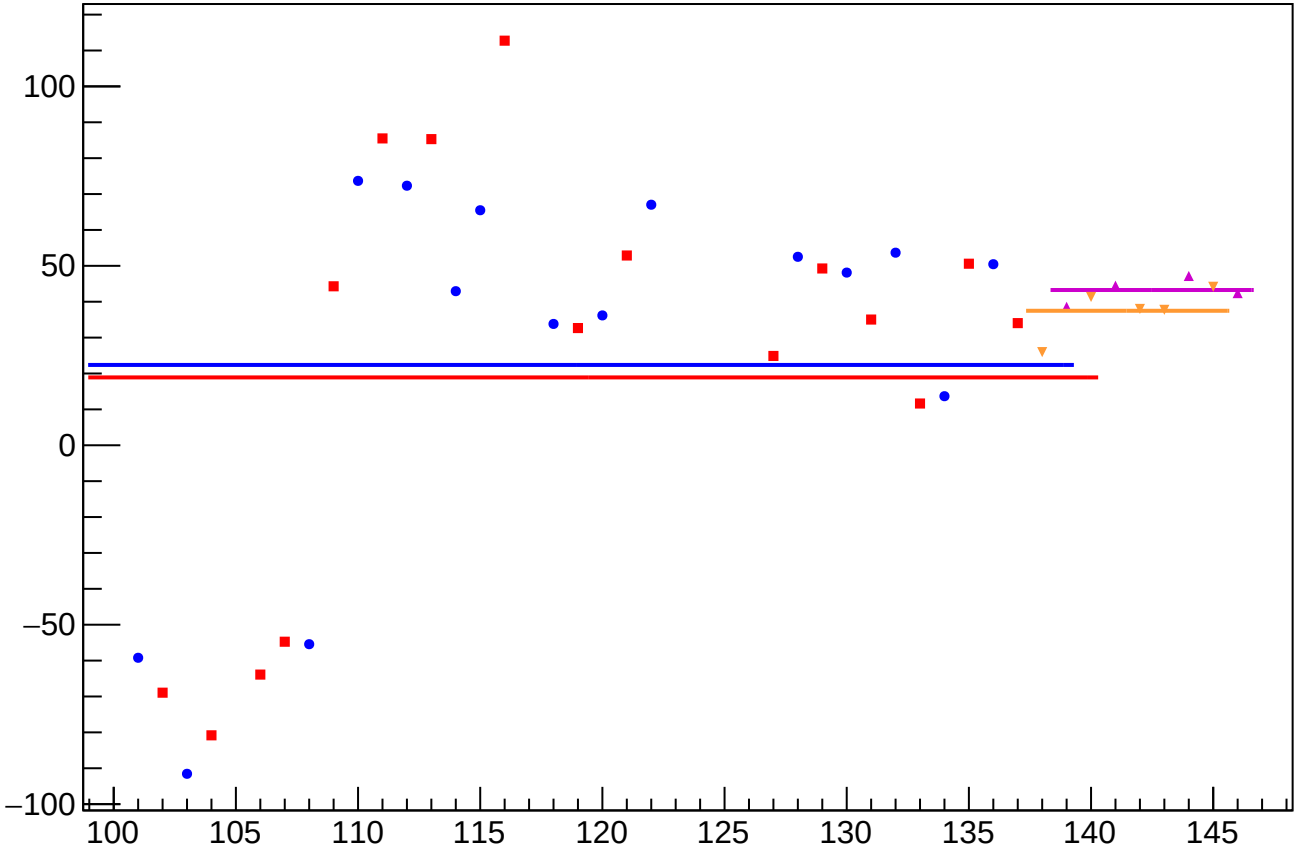
Left In: 1.979+/-0.000 χ^2/NDF:1720748253766213980746546151424 0.0/3

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

+ sign 27.711+/-0.000 χ^2/NDF: 198964682420267 6

Left Out: 37.477+/-0.000 χ^2/NDF:152077620465670669169821900257361 92.0/4

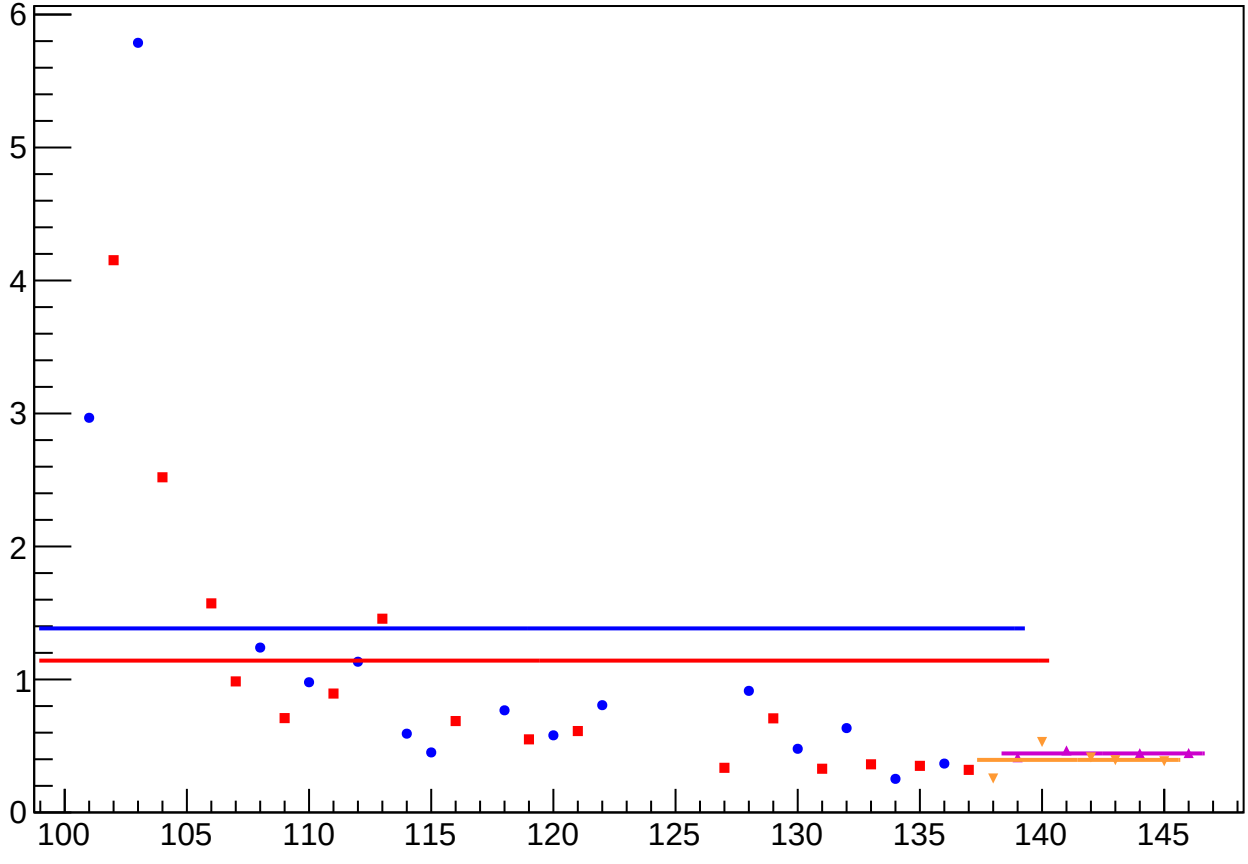
All: 27.405+/-0.000 χ^2/NDF: 430846323654 7

Right Out: 18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15

- sign 27.099+/-0.000 χ^2/NDF: 231862812811686 8

Left In: 43.265+/-0.000 χ^2/NDF:331805658111316259896032572001484 8.0/3

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.395+/-0.000 χ^2/NDF:30369498425644006622423878205 44.0/4

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

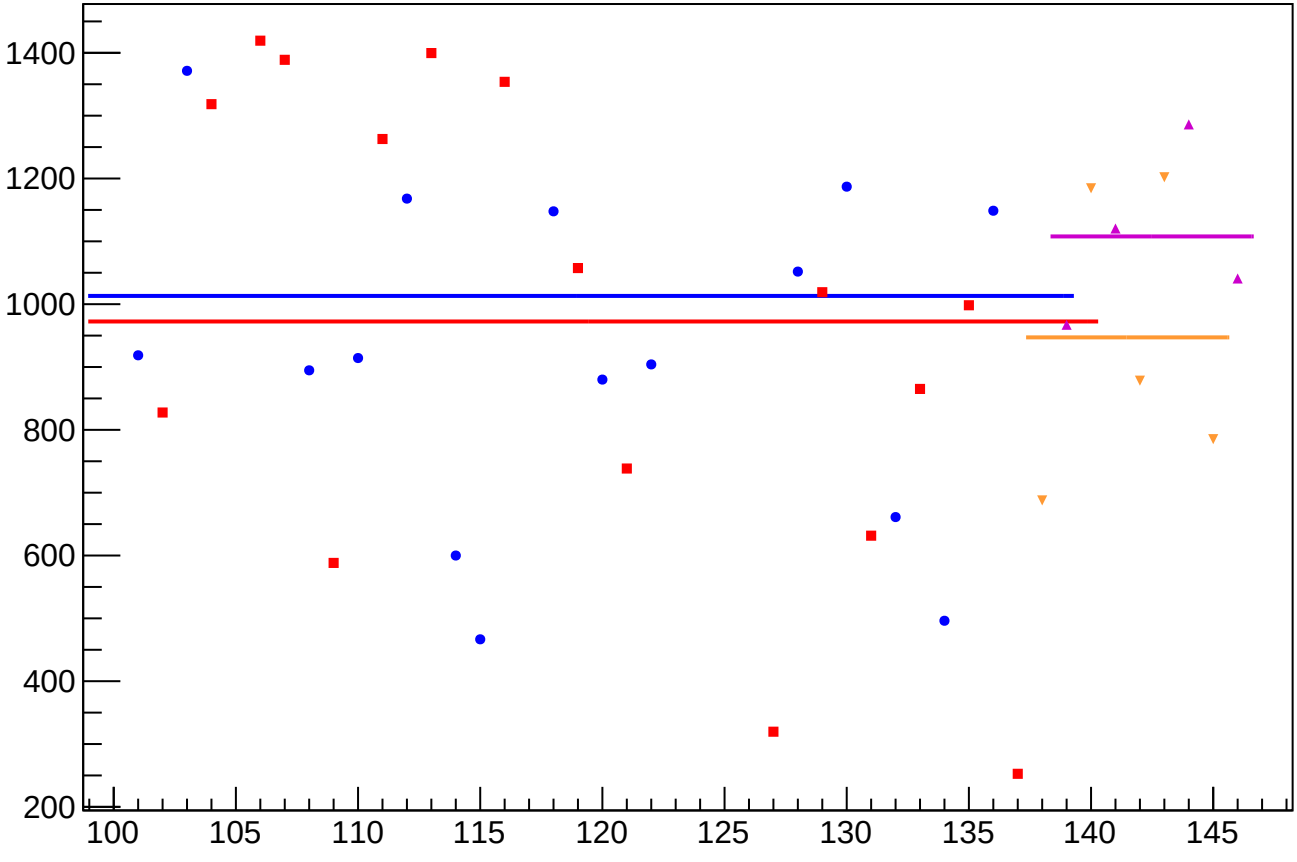
Left In: 0.444+/-0.000 χ^2/NDF:111200396929404492644649795584.0/3

+ sign 1.035+/-0.000 χ^2/NDF: 1798083686101352 0

All: 0.971+/-0.000 χ^2/NDF: 2726394619610 8

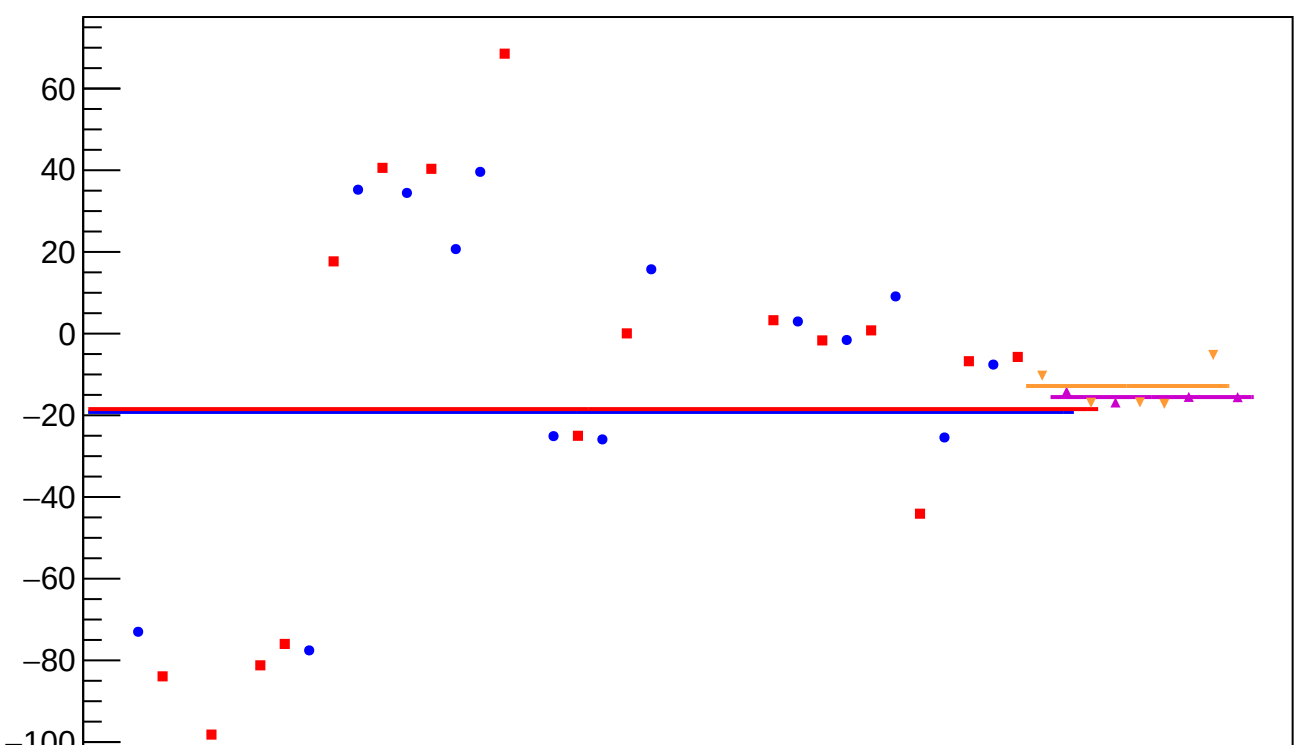
- sign 0.907+/-0.000 χ^2/NDF: 92008898337777627

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -16.935+/-0.000 χ^2/NDF: 126417692805436

Left Out: -12.829+/-0.000 χ^2/NDF:858580220479201937077701249387724 8.0/4

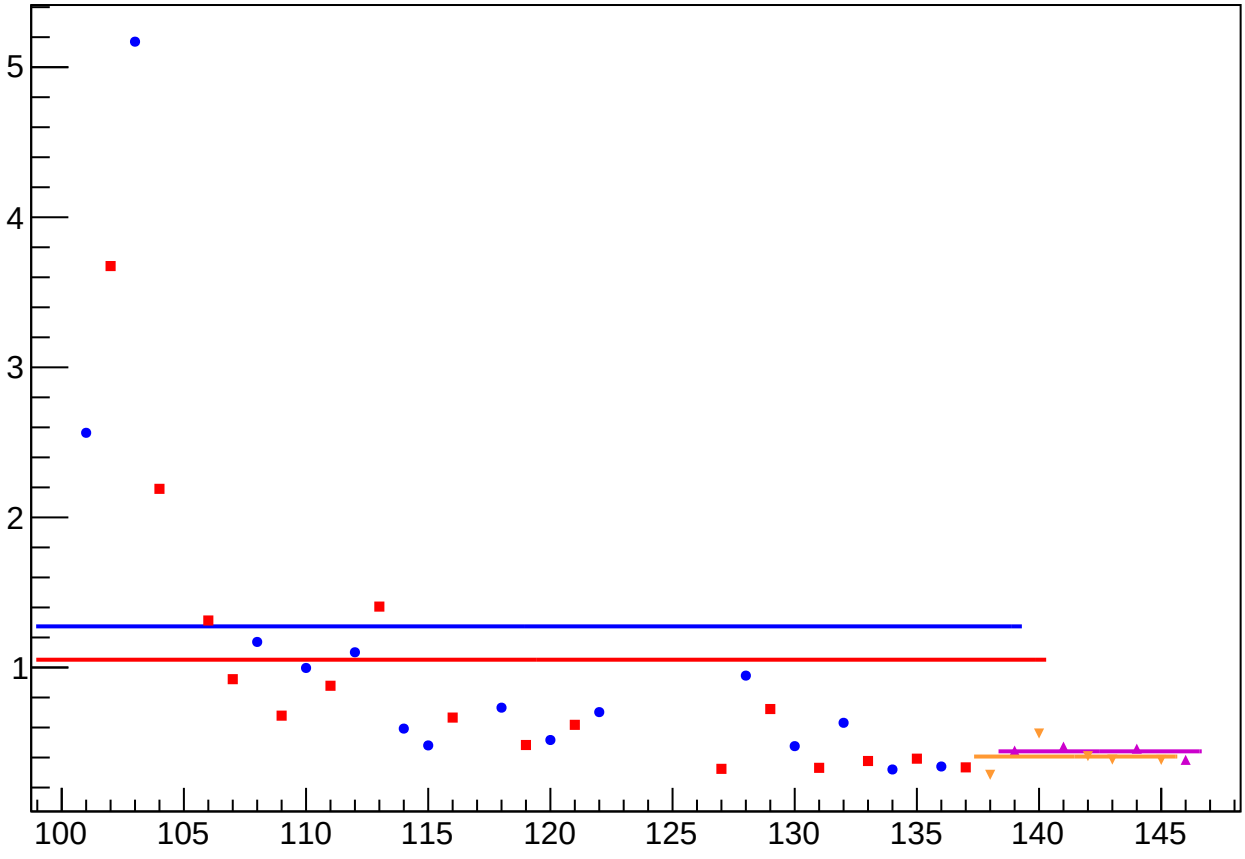
All: -17.212+/-0.000 χ^2/NDF: 275597113638

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

- sign -17.488+/-0.000 χ^2/NDF: 1491640659935272

Left In: -15.533+/-0.000 χ^2/NDF:2955783241400291455821984154255 36.0/3

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.407+/-0.000 χ^2/NDF:3153743342479364171096077107200.0/4

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

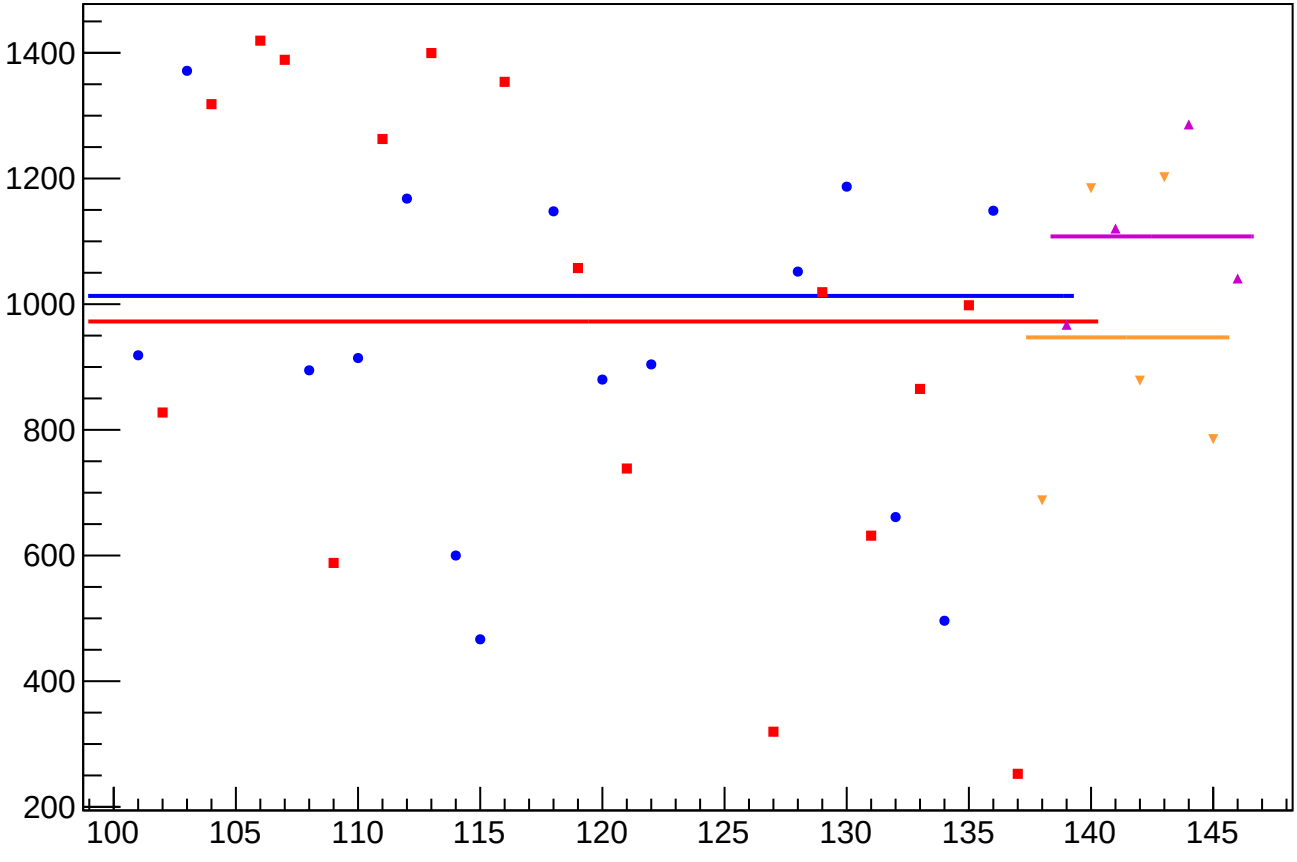
Left In: 0.441+/-0.000 χ^2/NDF:3817381138914676098644553236 48.0/3

+ sign 0.968+/-0.000 χ^2/NDF: 1387529515829285 3

All: 0.907+/-0.000 χ^2/NDF: 2086248564082 4

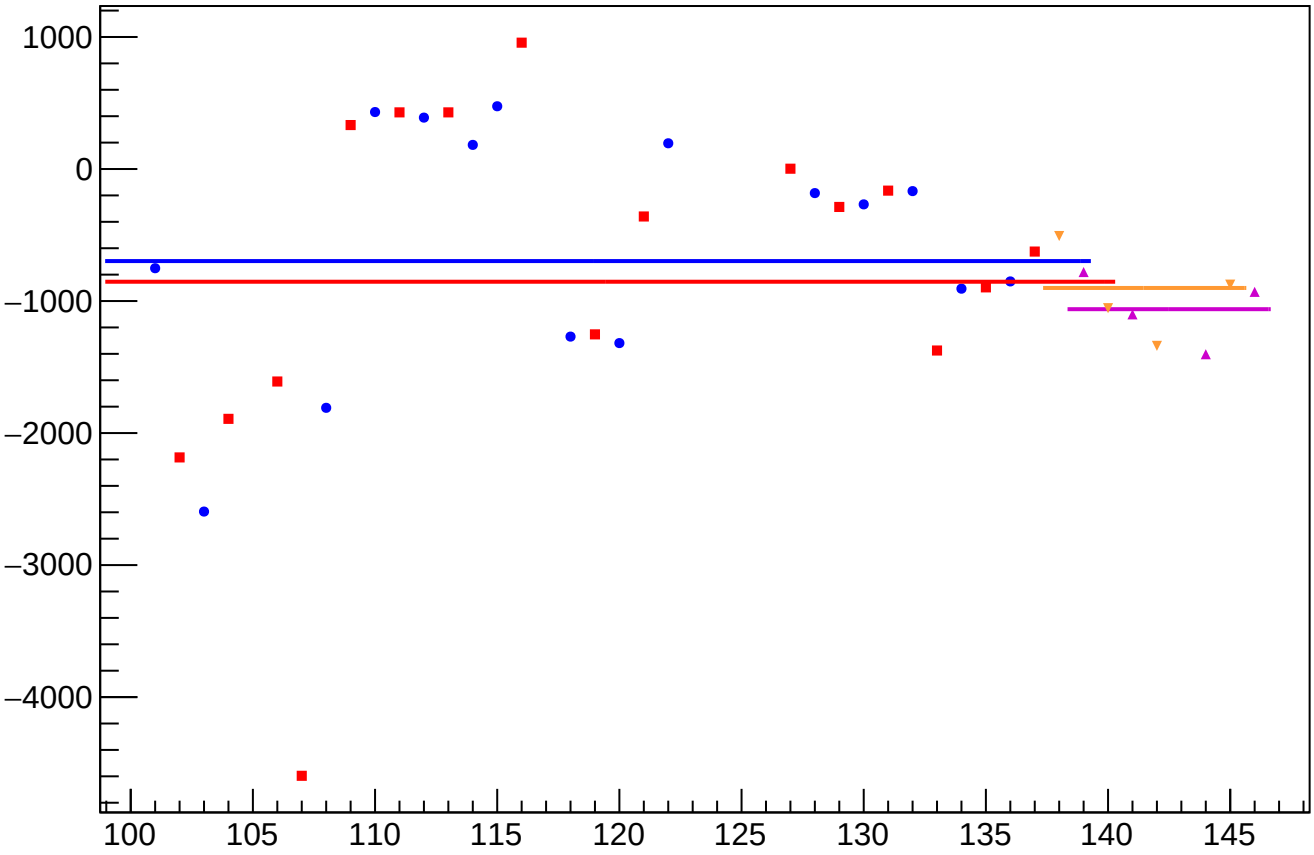
- sign 0.846+/-0.000 χ^2/NDF: 69132631640616398

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14

+ sign -759.739+/-0.000 χ^2/NDF: 52158369069798

Left Out: -900.972+/-0.000 χ^2/NDF:228915219357985731456281600700063751168.0/3

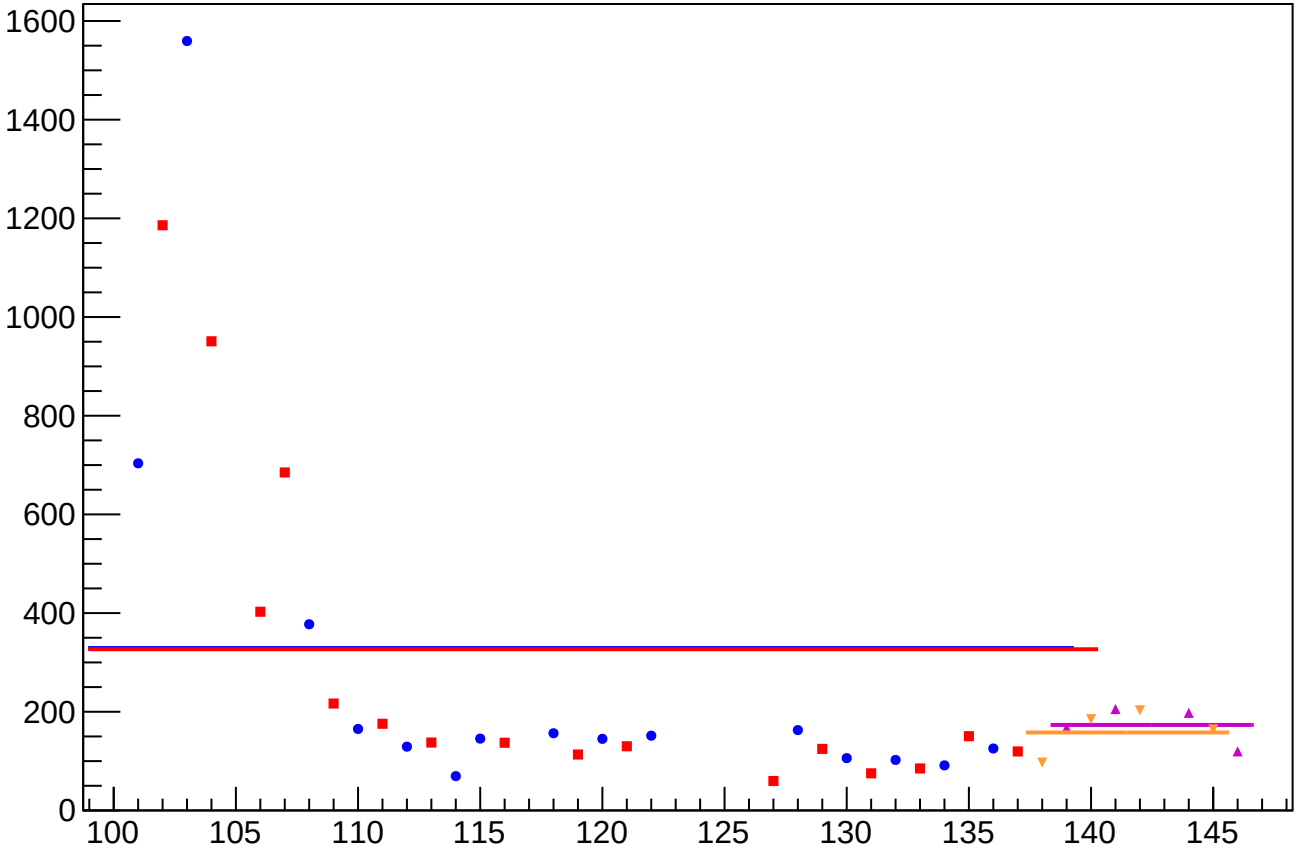
All: -844.620+/-0.000 χ^2/NDF: 16410215785

Right Out: -853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176691 2.0/15

- sign -923.674+/-0.000 χ^2/NDF: 110641331738851

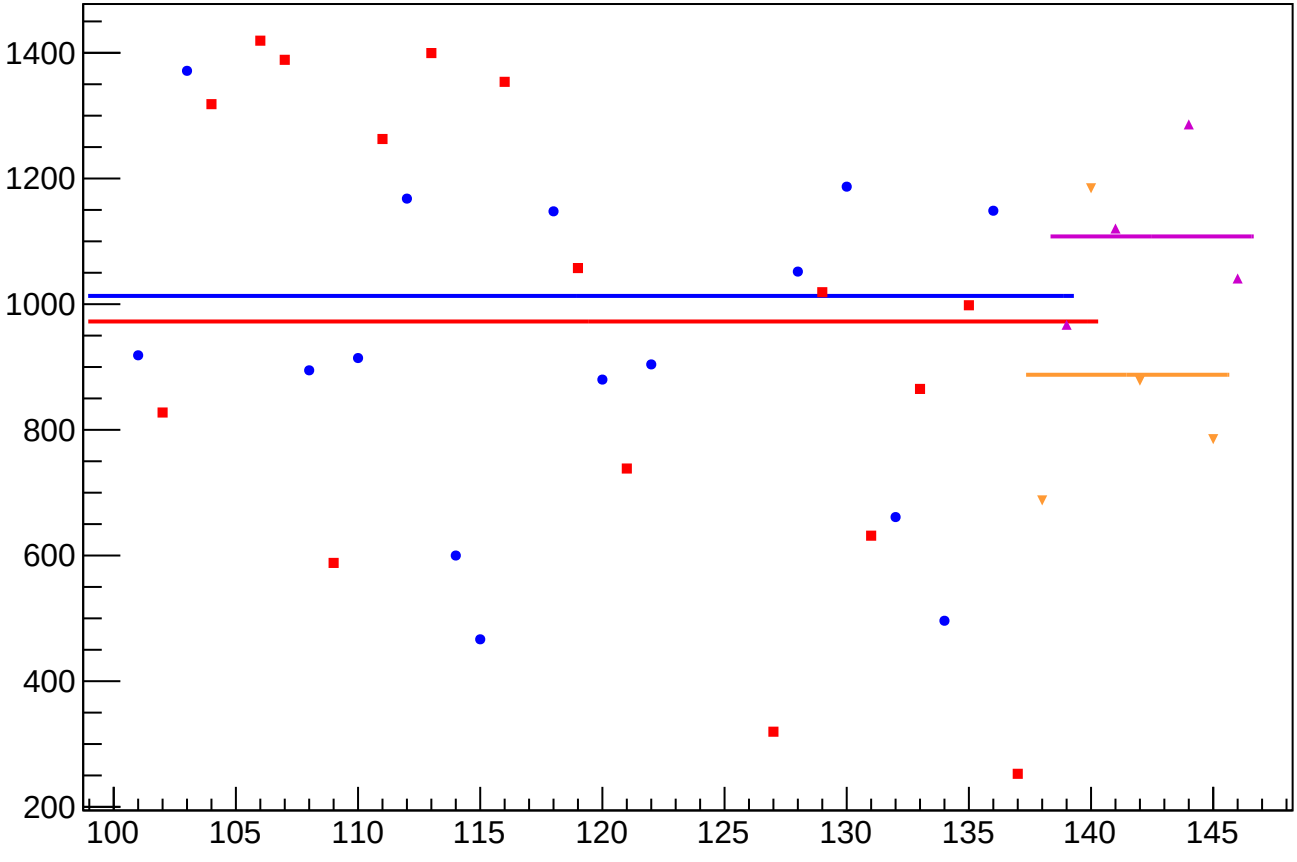
Left In: -1061.694+/-0.000 χ^2/NDF:183328327772520711743482415354352762 88.0/3

dit_usl_coil6_err_mean vs Slug



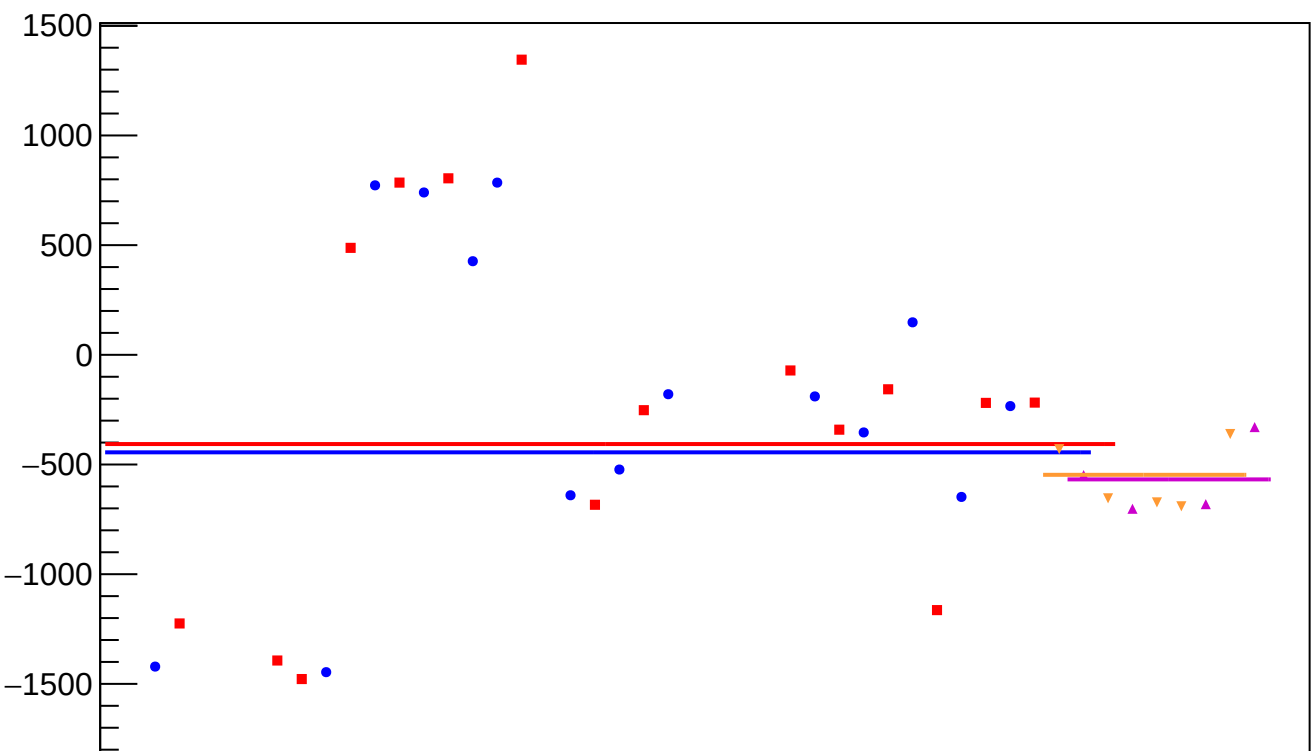
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
+ sign 276.669+/-0.000 χ^2/NDF: 123131573712724
Left Out: 158.088+/-0.000 χ^2/NDF:4474430571522288481328948834121809 92.0/3
All: 275.865+/-0.000 χ^2/NDF: 21636123638
Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510 79424.0/15
- sign 275.115+/-0.000 χ^2/NDF: 932284926600156
Left In: 173.330+/-0.000 χ^2/NDF:383100404939416939972577737316499456.0/3

dit_usl_coil6_Ndata_mean vs Slug



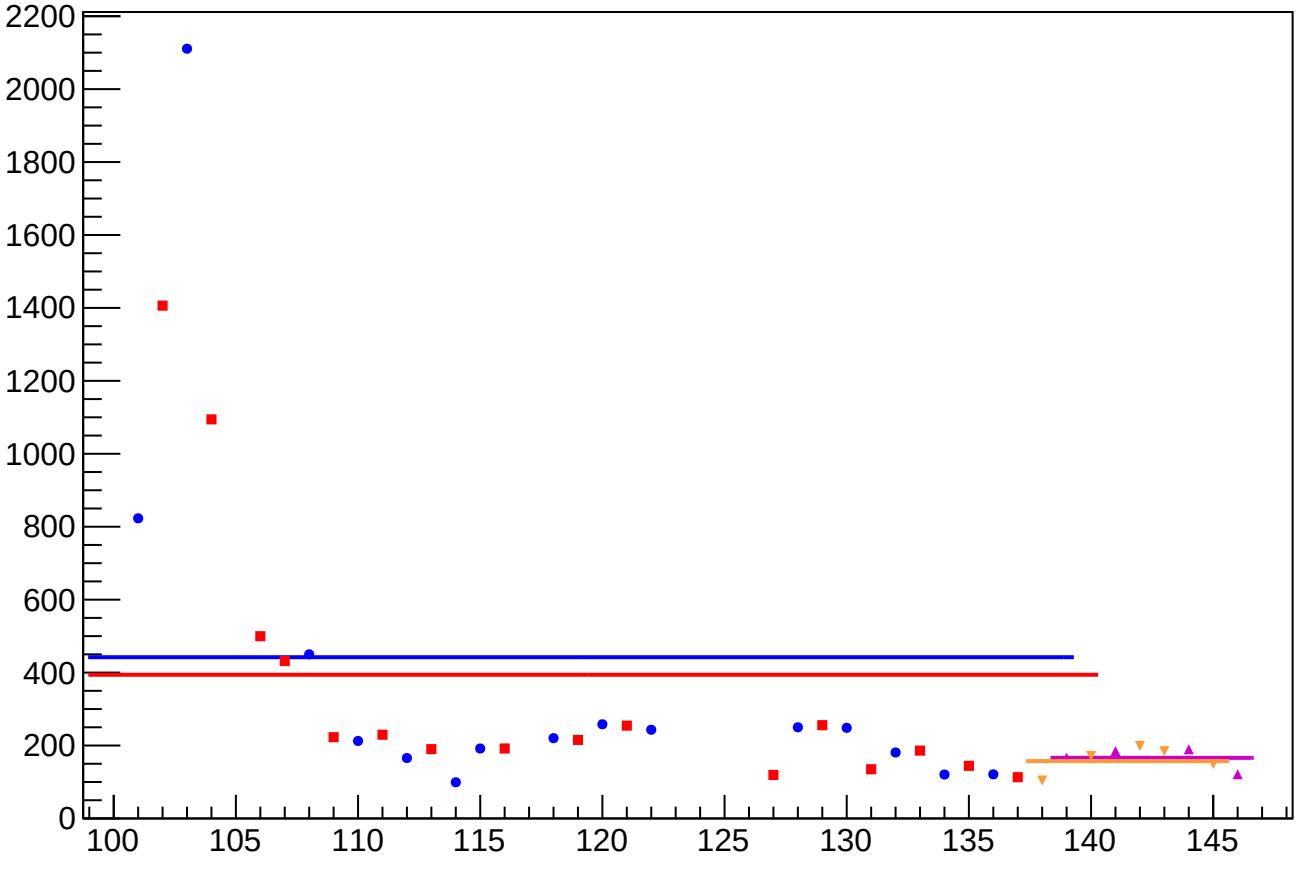
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 974.676+/-0.000 χ^2/NDF: 460483577813581
Left Out: 887.683+/-0.000 χ^2/NDF:111946291987066354327121105324311838 72.0/3
All: 997.101+/-0.000 χ^2/NDF: 13476638473 8
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 87808933696767
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14
+ sign -480.677+/-0.000 χ^2/NDF: 40580546585255
Left Out: -546.980+/-0.000 χ^2/NDF:69185017708920508540942998212024729 60.0/4
All: -470.795+/-0.000 χ^2/NDF: 9483571675 3
Right Out: -406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291 08480.0/15
- sign -460.931+/-0.000 χ^2/NDF: 54235597282748 1
Left In: -567.892+/-0.000 χ^2/NDF:7407068838373668223910504506316554240.0/3

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

Left Out: 157.355+/-0.000 χ^2/NDF:370924976722585019057749826492956672.0/4

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

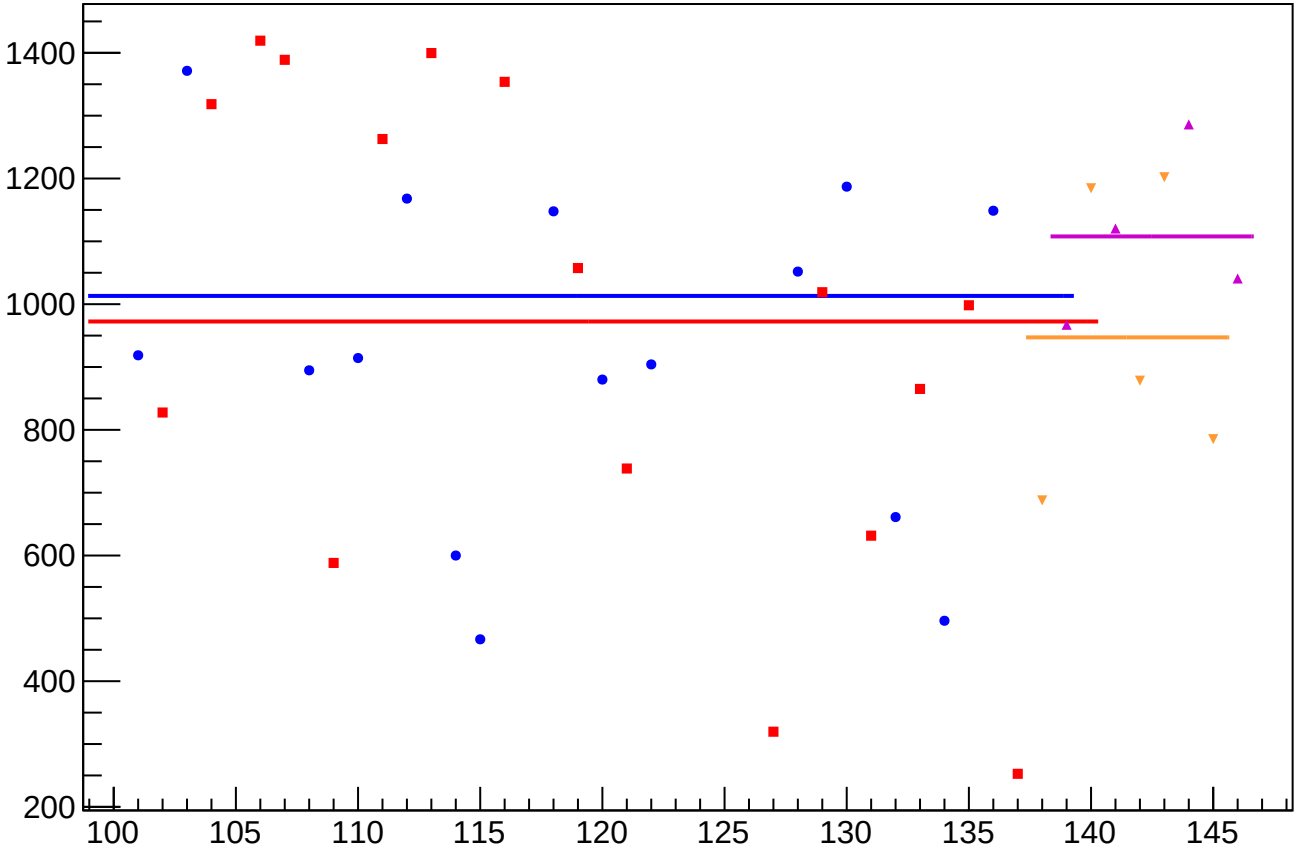
Left In: 166.200+/-0.000 χ^2/NDF:245376345862006496776737275005370368.0/3

+ sign 341.642+/-0.000 χ^2/NDF: 222966999339172

All: 329.513+/-0.000 χ^2/NDF: 34103407767

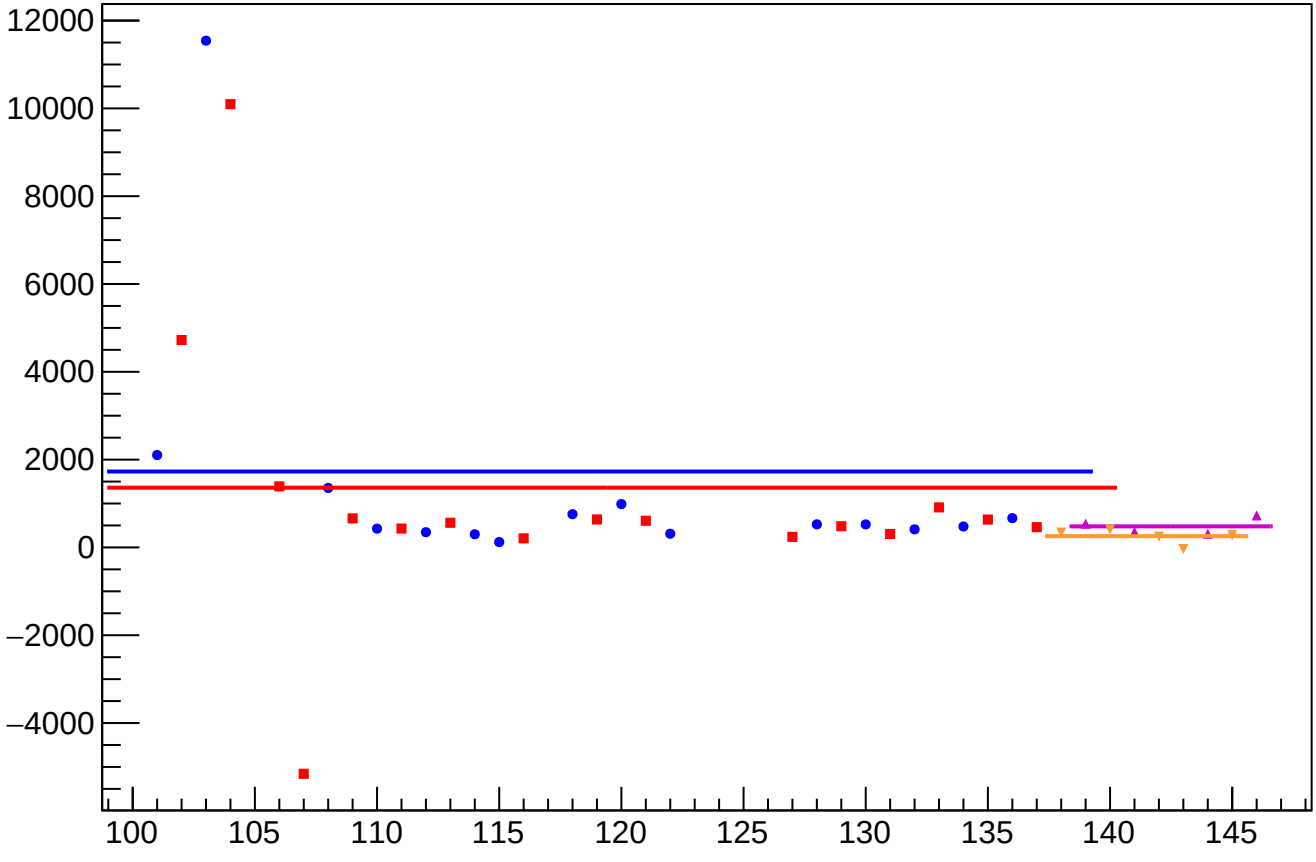
- sign 317.409+/-0.000 χ^2/NDF: 117772277913537

dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF: 641312129727334740807562411650796486656 0.0/14

+ sign 1209.646+/-0.000 χ^2/NDF: 69173260473842

Left Out: 257.472+/-0.000 χ^2/NDF:819300468446200255154060512642832793 6.0/4

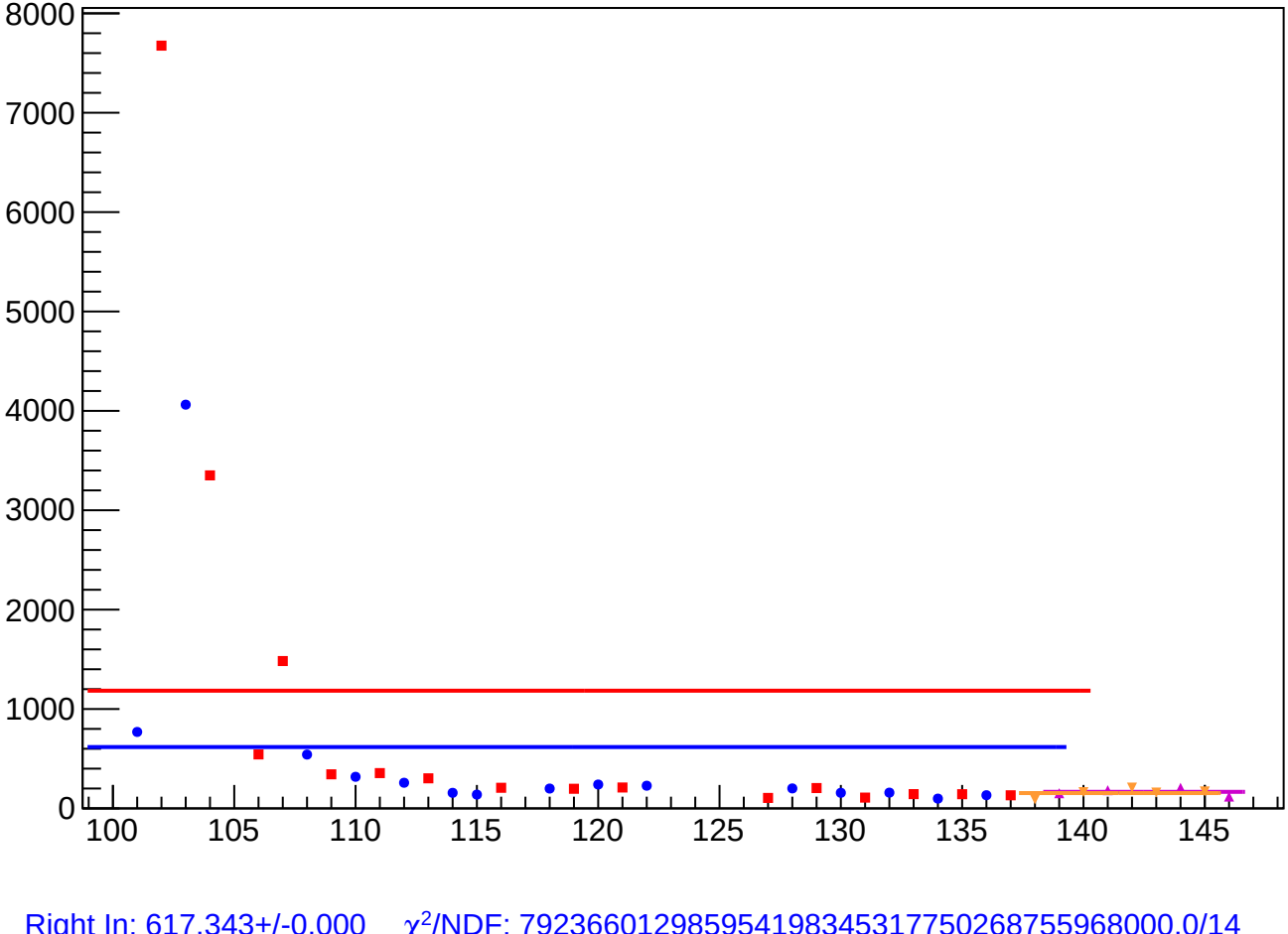
All: 1137.031+/-0.000 χ^2/NDF: 1354297127

Right Out: 1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617446 4.0/15

- sign 1064.561+/-0.000 χ^2/NDF: 66150783385221

Left In: 479.747+/-0.000 χ^2/NDF:929468120910843556241473932358372556 8.0/3

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14

+ sign 453.891+/-0.000 χ^2/NDF: 8419806403505 74

Left Out: 154.228+/-0.000 χ^2/NDF:4871889912091328152848858841308200 96.0/4

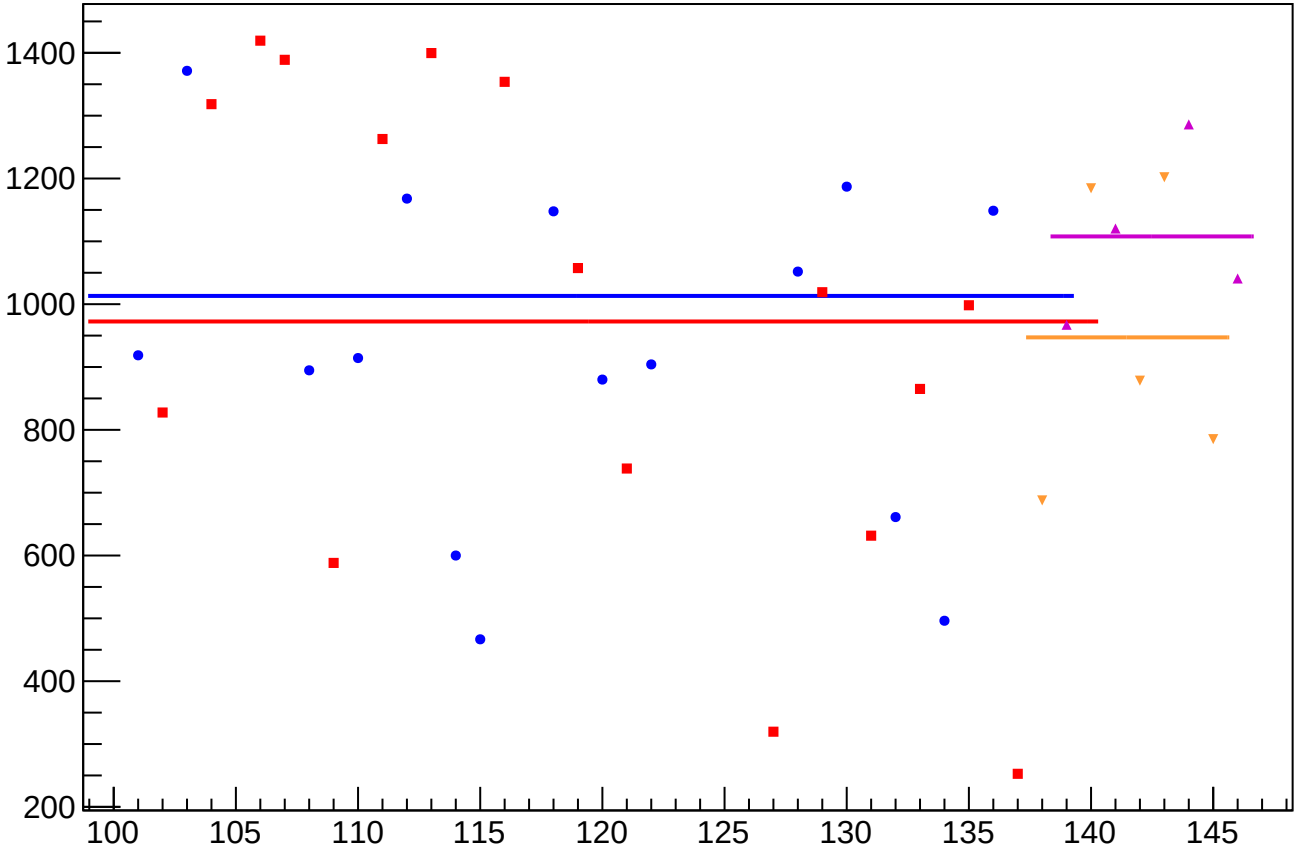
All: 648.143+/-0.000 χ^2/NDF: 4317789026 91

Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

- sign 842.008+/-0.000 χ^2/NDF: 3400189546040 32

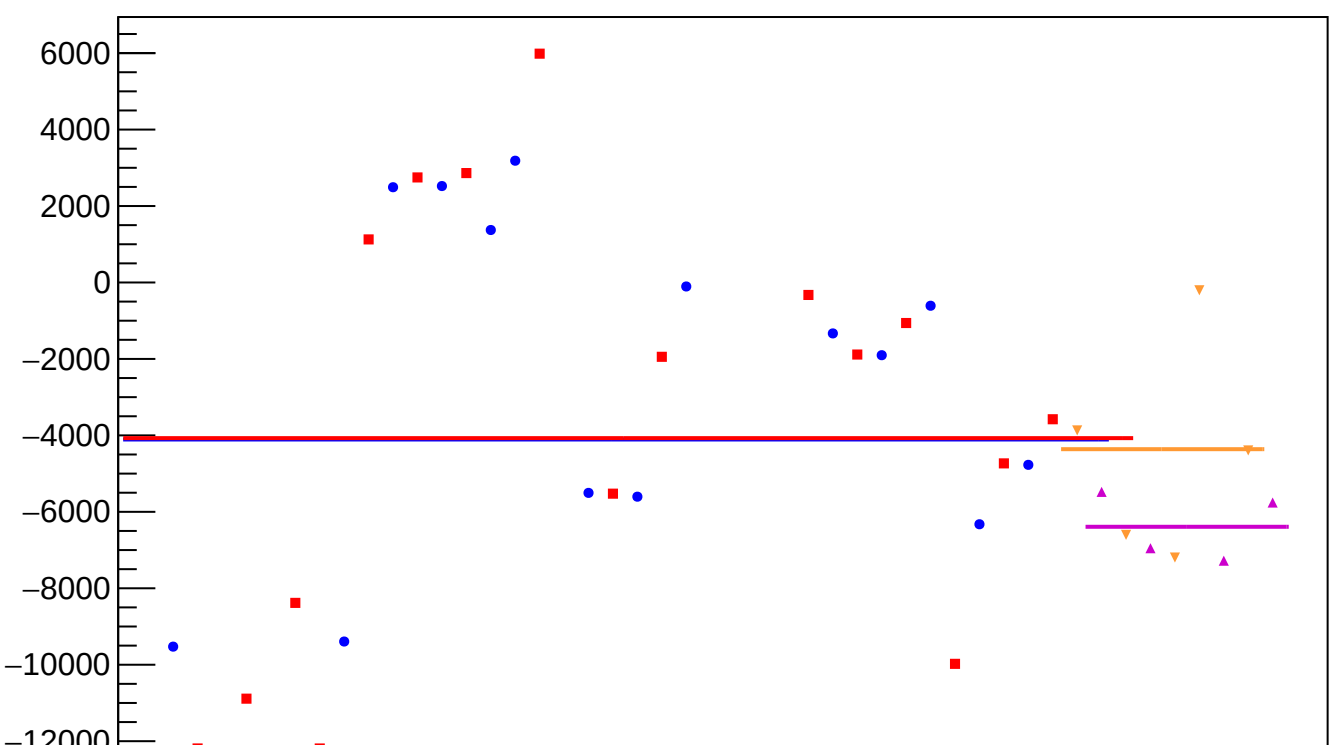
Left In: 166.497+/-0.000 χ^2/NDF:3739072517787323260904557683293552 64.0/3

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Left Out: -4361.012+/-0.000 χ^2/NDF:1958272479312412394889627555742550589440.0/4

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

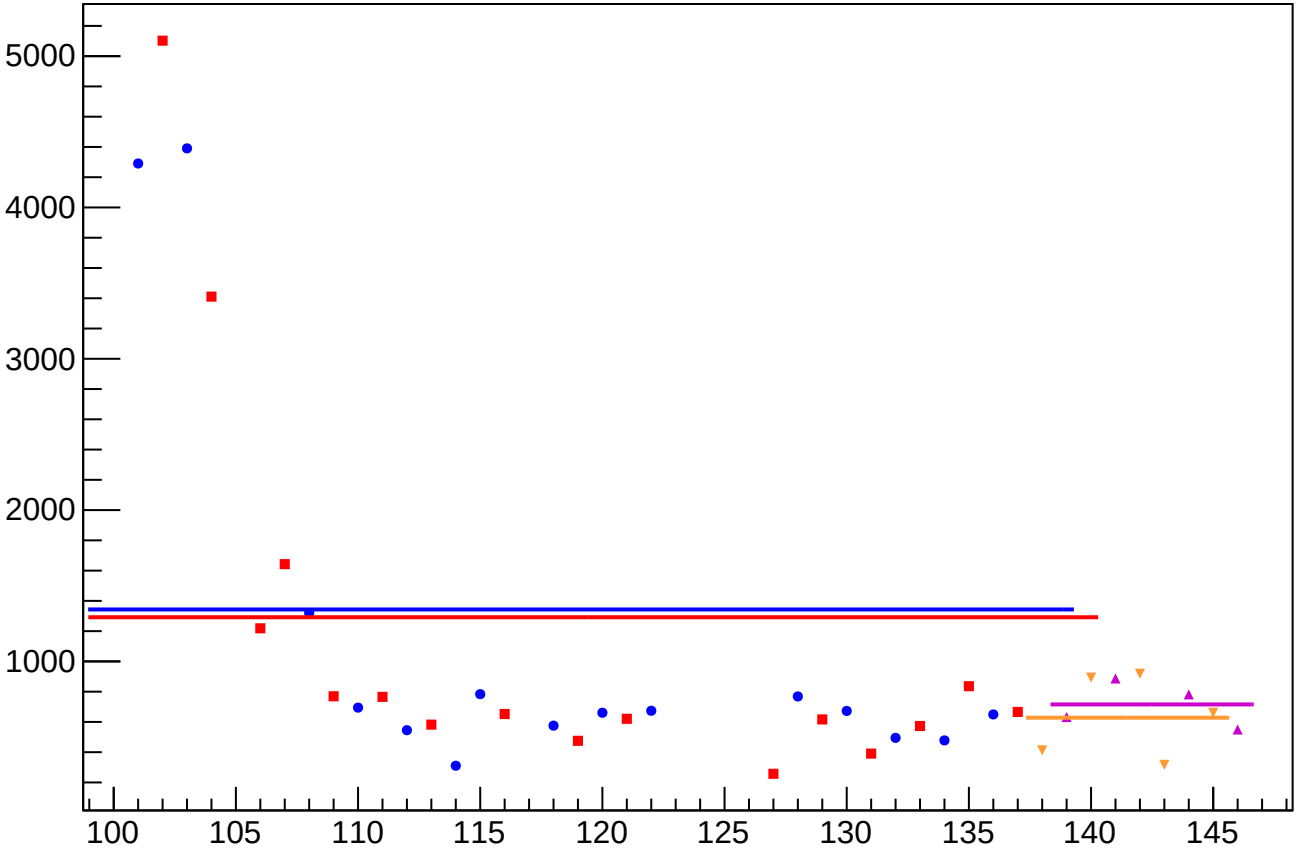
Left In: -6391.044+/-0.000 χ^2/NDF:1977584165318621539078489947003923988 48.0/3

+ sign -4196.938+/-0.000 χ^2/NDF: 1650043665508

All: -4524.803+/-0.000 χ^2/NDF: 3848707343

- sign -4852.017+/-0.000 χ^2/NDF: 2177121461116 2

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 1090.823+/-0.000 χ^2/NDF: 1454567957490

Left Out: 627.911+/-0.000 χ^2/NDF:1985484706779818761702693496658119884 8.0/4

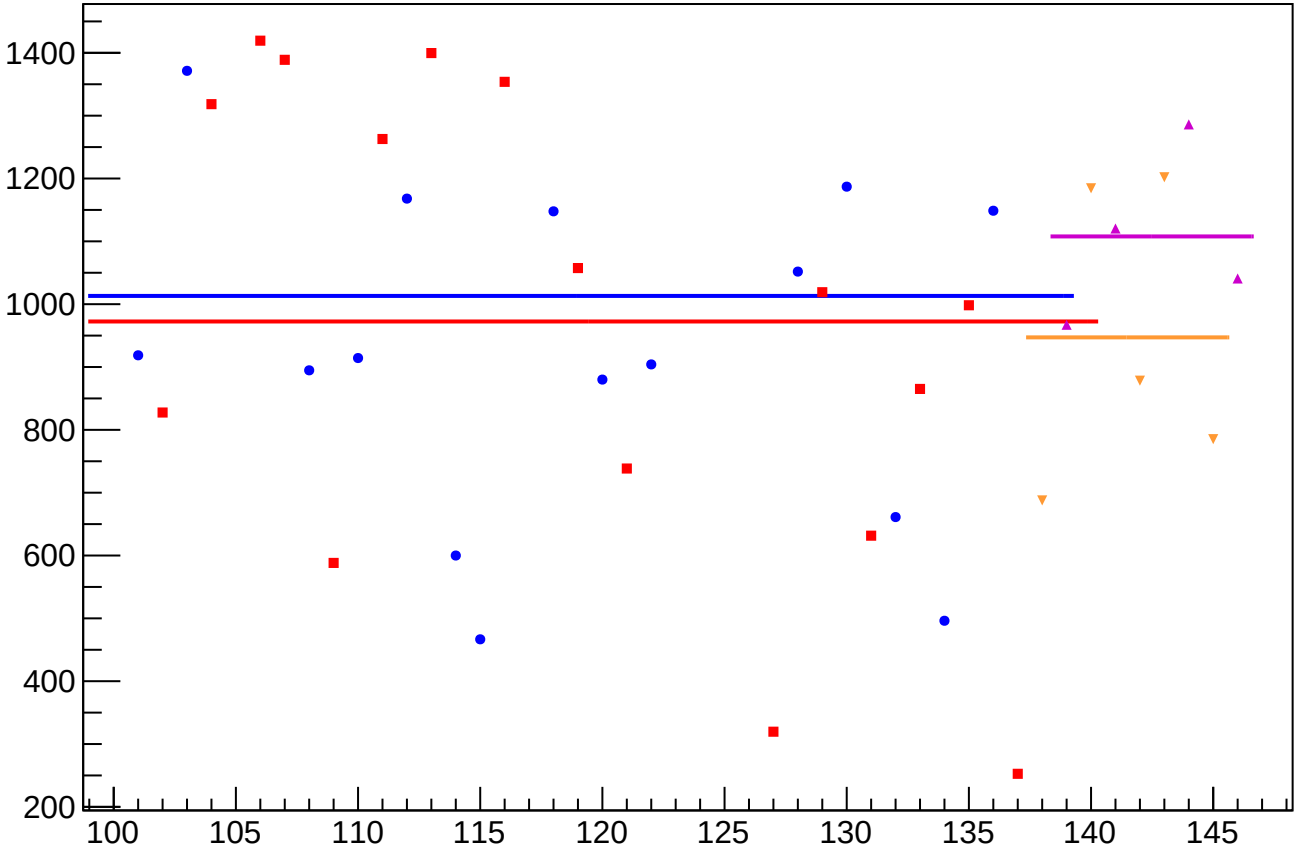
All: 1094.428+/-0.000 χ^2/NDF: 2858356439

Right Out: 1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

- sign 1098.025+/-0.000 χ^2/NDF: 14037624504489

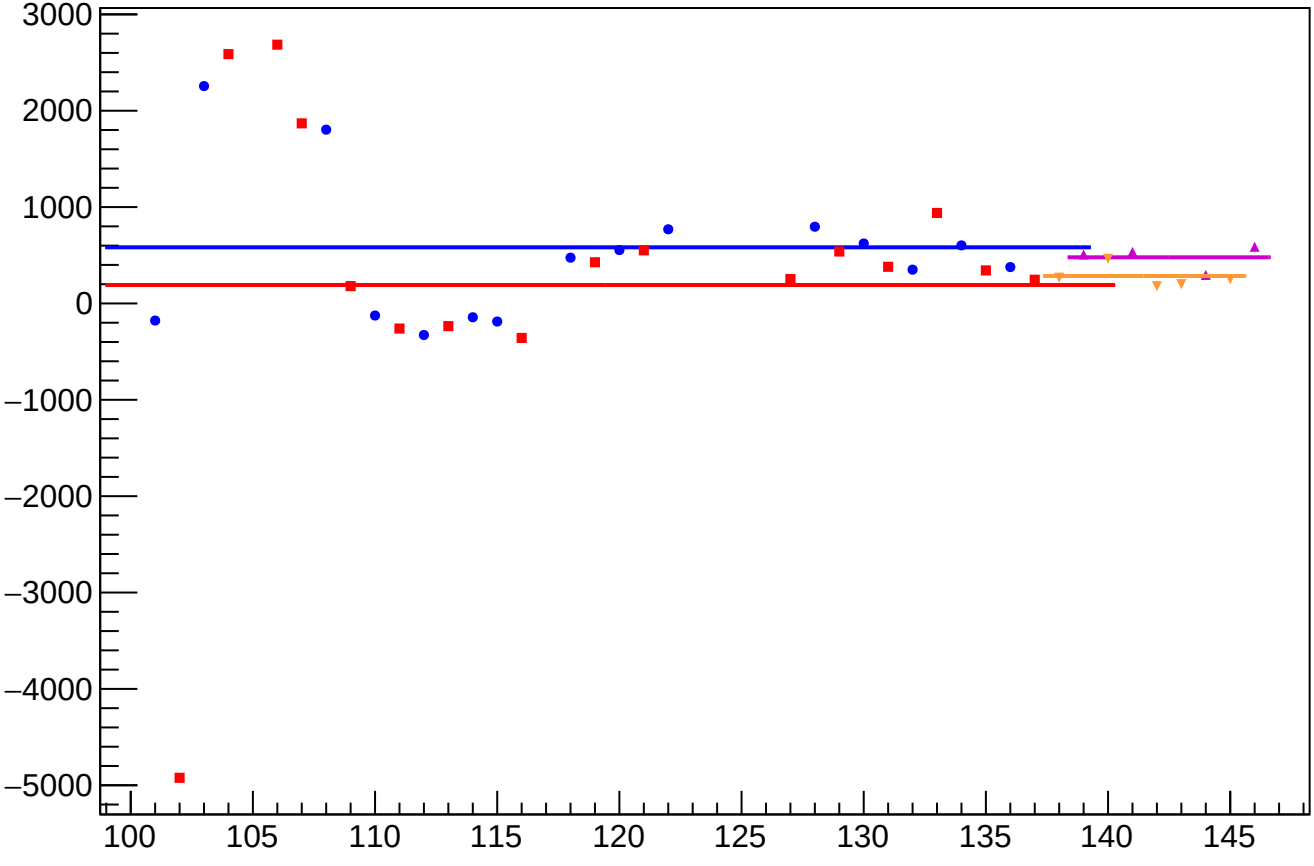
Left In: 715.640+/-0.000 χ^2/NDF:5727741452194447409861220086040231936.0/3

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14

+ sign 477.446+/-0.000 χ^2/NDF: 362778080226426

Left Out: 285.050+/-0.000 χ^2/NDF:37302360388210905219049530851747430 40.0/4

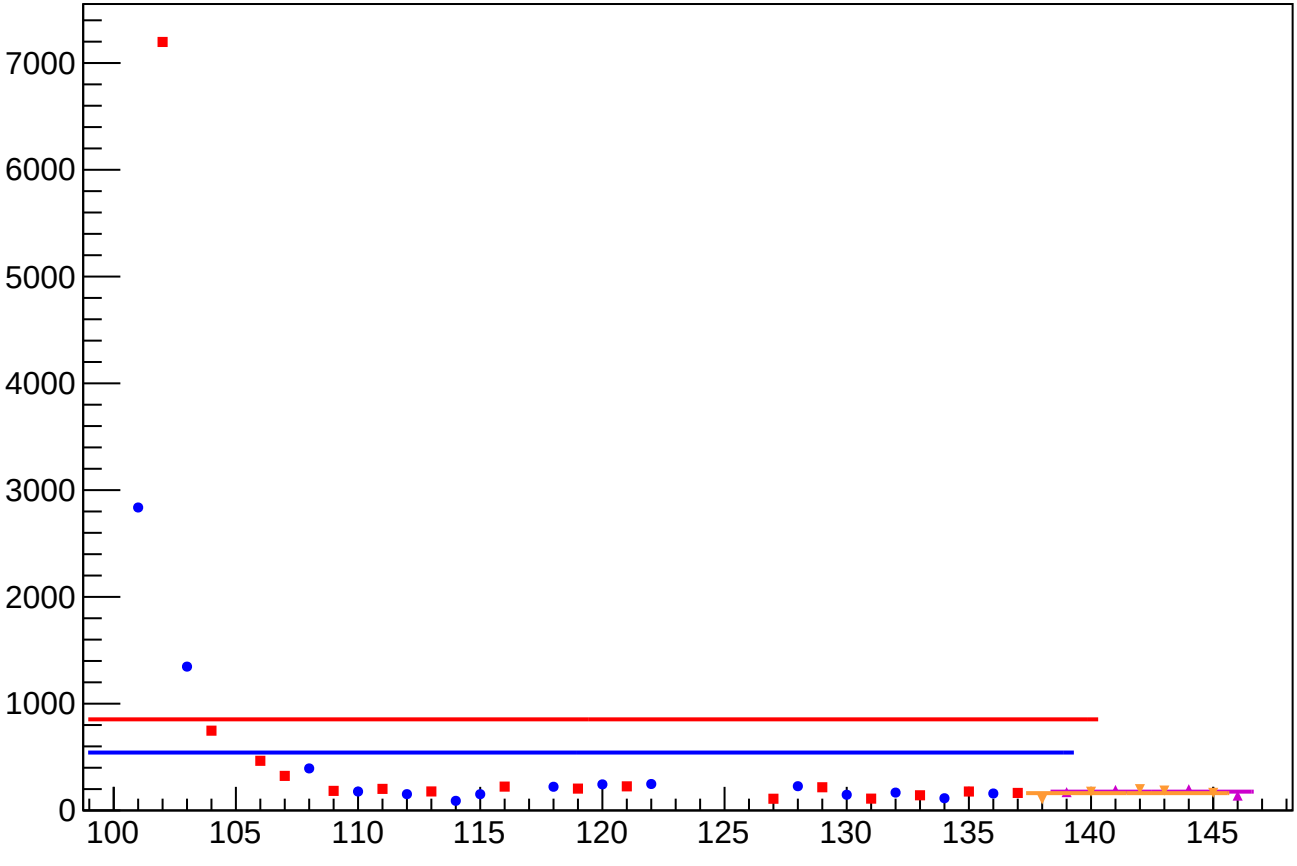
All: 382.719+/-0.000 χ^2/NDF: 257233024969

Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15

- sign 288.180+/-0.000 χ^2/NDF: 219156966059192

Left In: 478.793+/-0.000 χ^2/NDF:43036848335914417359428868462692270 08.0/3

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

+ sign 408.151+/-0.000 χ^2/NDF: 447872353413531

Left Out: 162.160+/-0.000 χ^2/NDF:388289893864848607634345116397731840.0/4

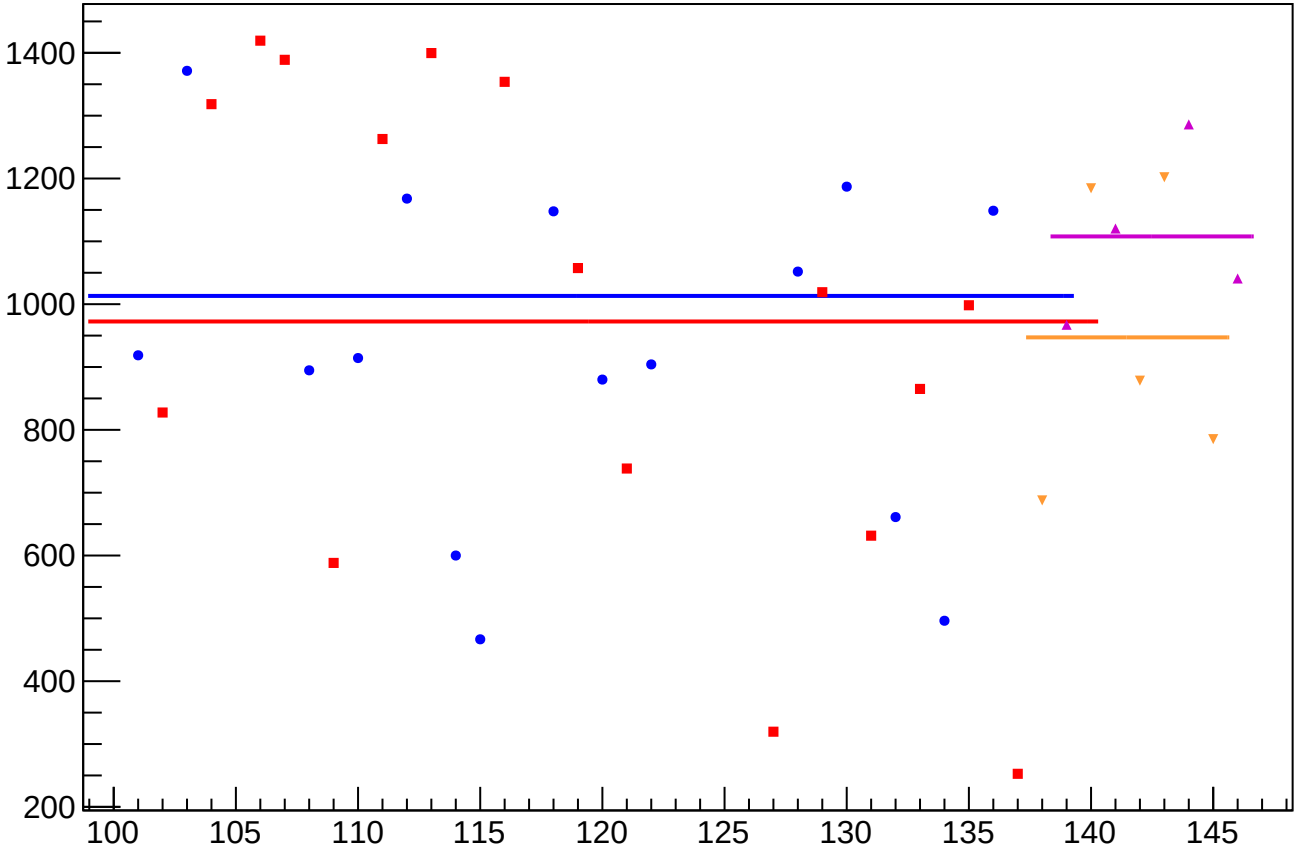
All: 516.939+/-0.000 χ^2/NDF: 31486698643

Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

- sign 625.512+/-0.000 χ^2/NDF: 267708017477088

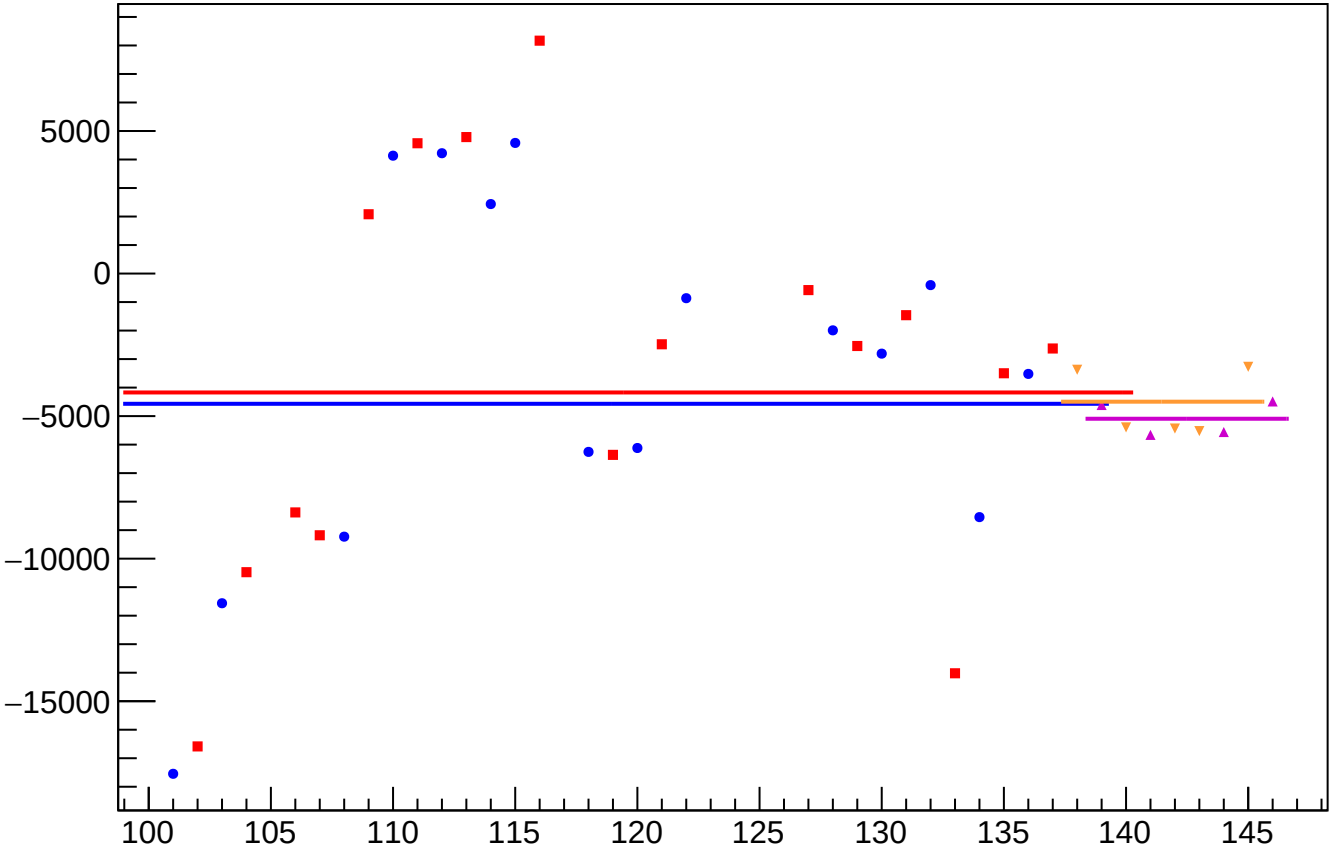
Left In: 176.191+/-0.000 χ^2/NDF:185796904267531295033464779572248576.0/3

dit_atr1_coil6_Ndata_mean vs Slug



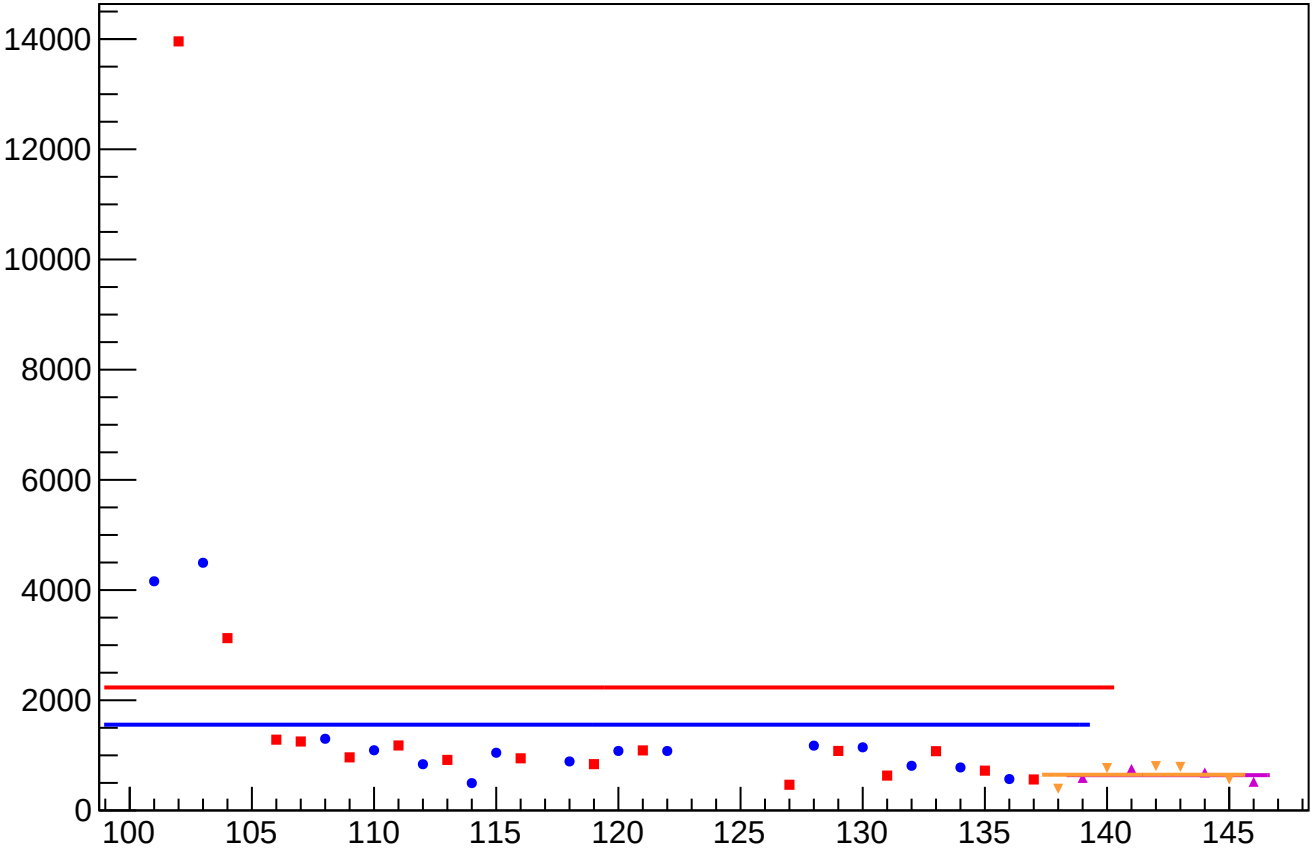
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
+ sign -4542.132+/-0.000 χ^2/NDF: 2459425574421
Left Out: -4494.163+/-0.000 χ^2/NDF:39794473617129495514320950177935497625 6.0/4
All: -4511.458+/-0.000 χ^2/NDF: 5584996543
Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302412 8.0/15
- sign -4480.846+/-0.000 χ^2/NDF: 3125382419084 1
Left In: -5092.736+/-0.000 χ^2/NDF:958957696431877487104638064045231964 16.0/3

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

+ sign 1236.164+/-0.000 χ^2/NDF: 1337663846996

Left Out: 648.398+/-0.000 χ^2/NDF:929700771321273148328809078648419123 2.0/4

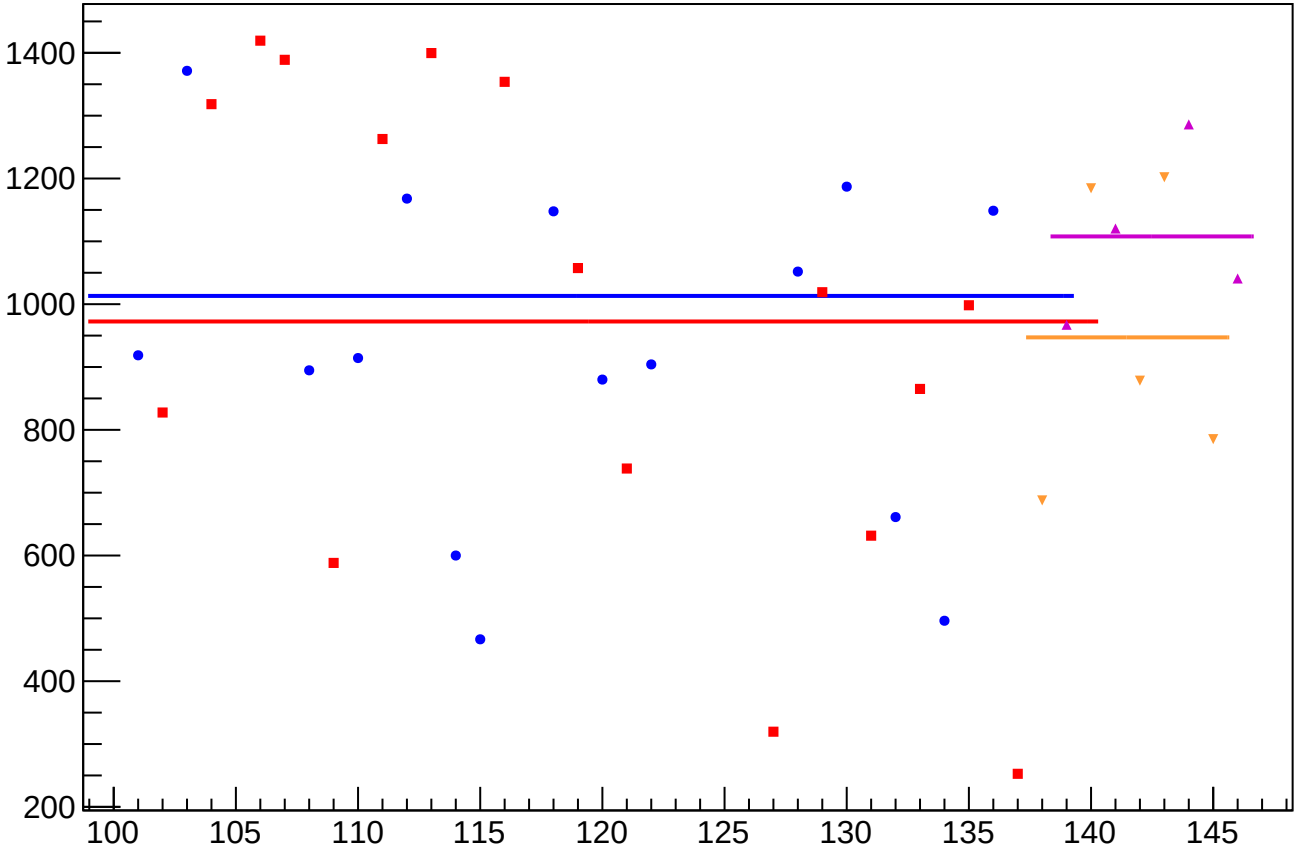
All: 1466.873+/-0.000 χ^2/NDF: 1100592729

Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233 2928.0/15

- sign 1697.123+/-0.000 χ^2/NDF: 95615969501652

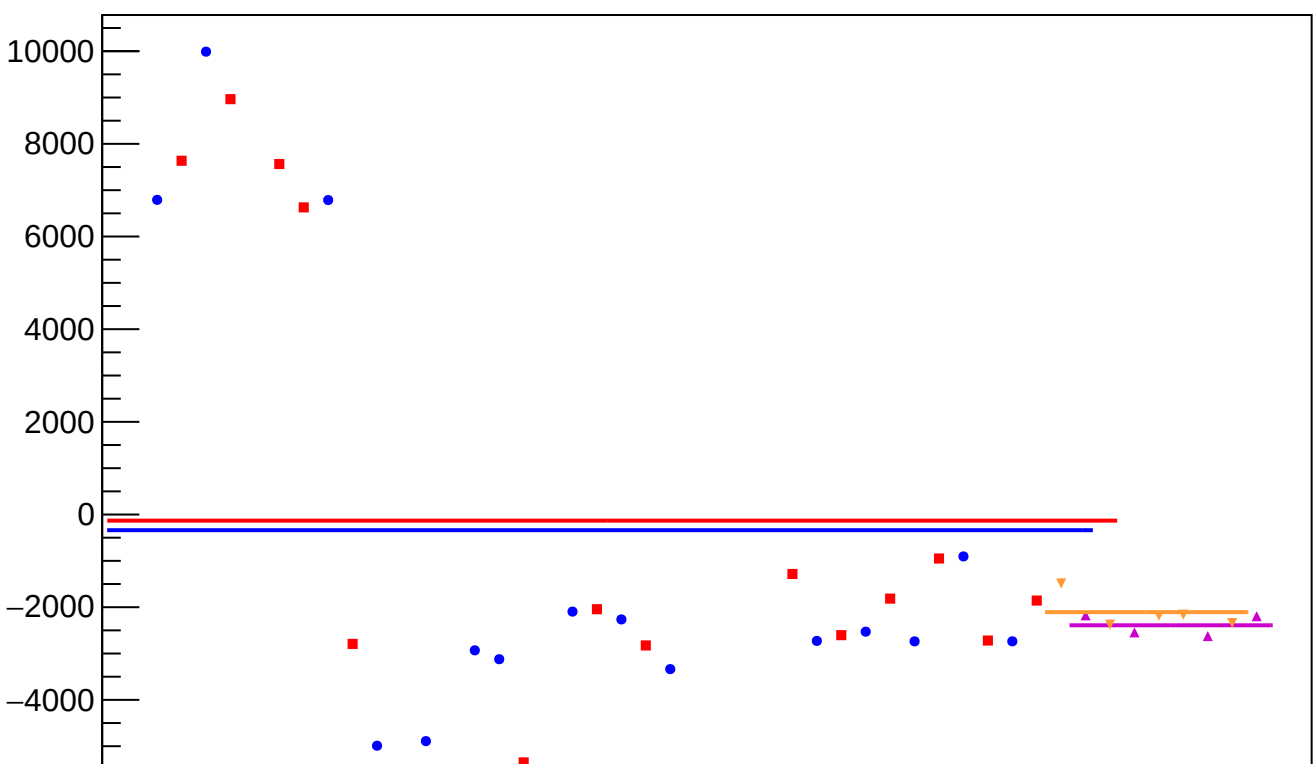
Left In: 640.585+/-0.000 χ^2/NDF:270525588709554353455985190454165504 0.0/3

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

+ sign -962.188+/-0.000 χ^2/NDF: 15910088516963

Left Out: -2106.780+/-0.000 χ^2/NDF:4083380805173691167764281304065402470 4.0/4

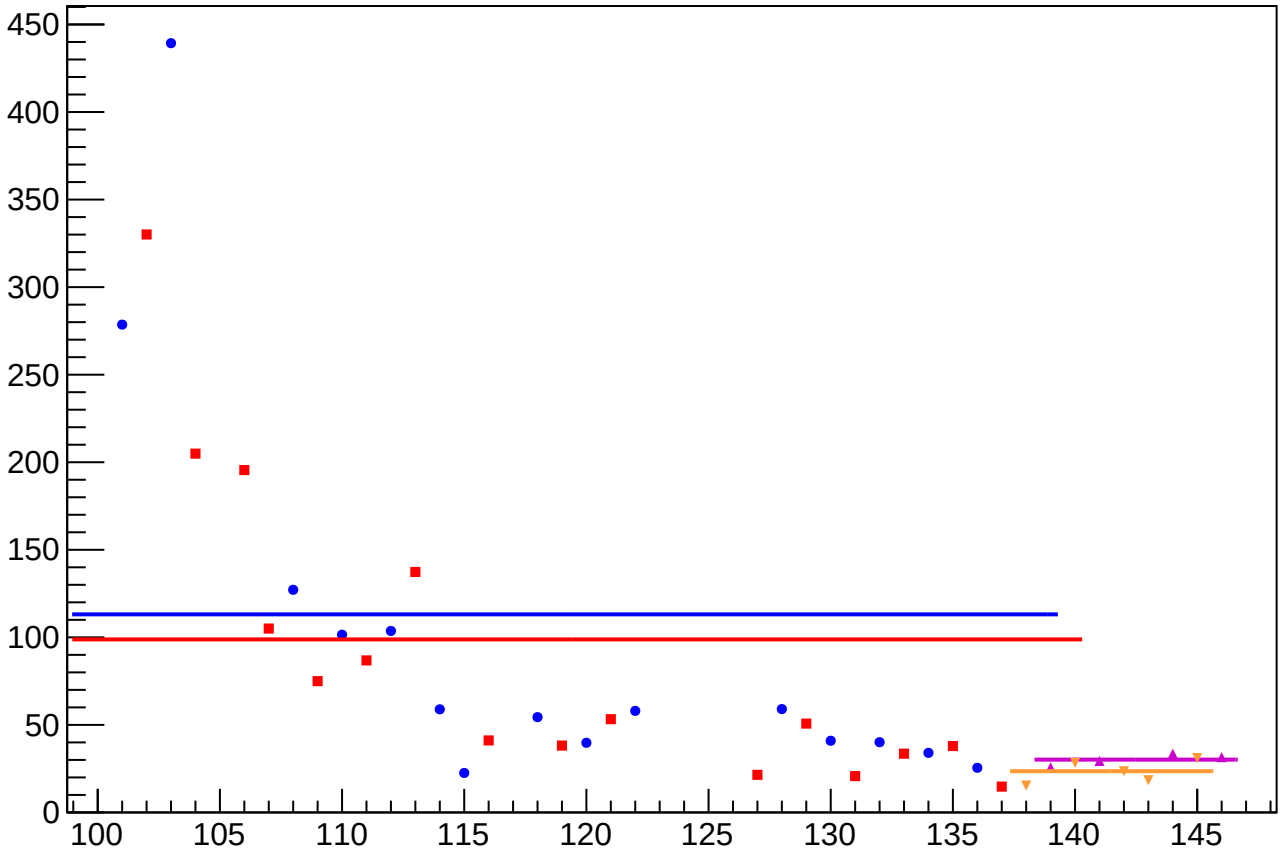
All: -926.636+/-0.000 χ^2/NDF: 3354386622 6

Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15

- sign -891.154+/-0.000 χ^2/NDF: 17631244752171 9

Left In: -2390.146+/-0.000 χ^2/NDF:1368622928159149546413627147204689920 0.0/3

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 81.524+/-0.000 χ^2/NDF: 1184041755614981

Left Out: 23.572+/-0.000 χ^2/NDF:1344330369351783262161581884257075 2.0/4

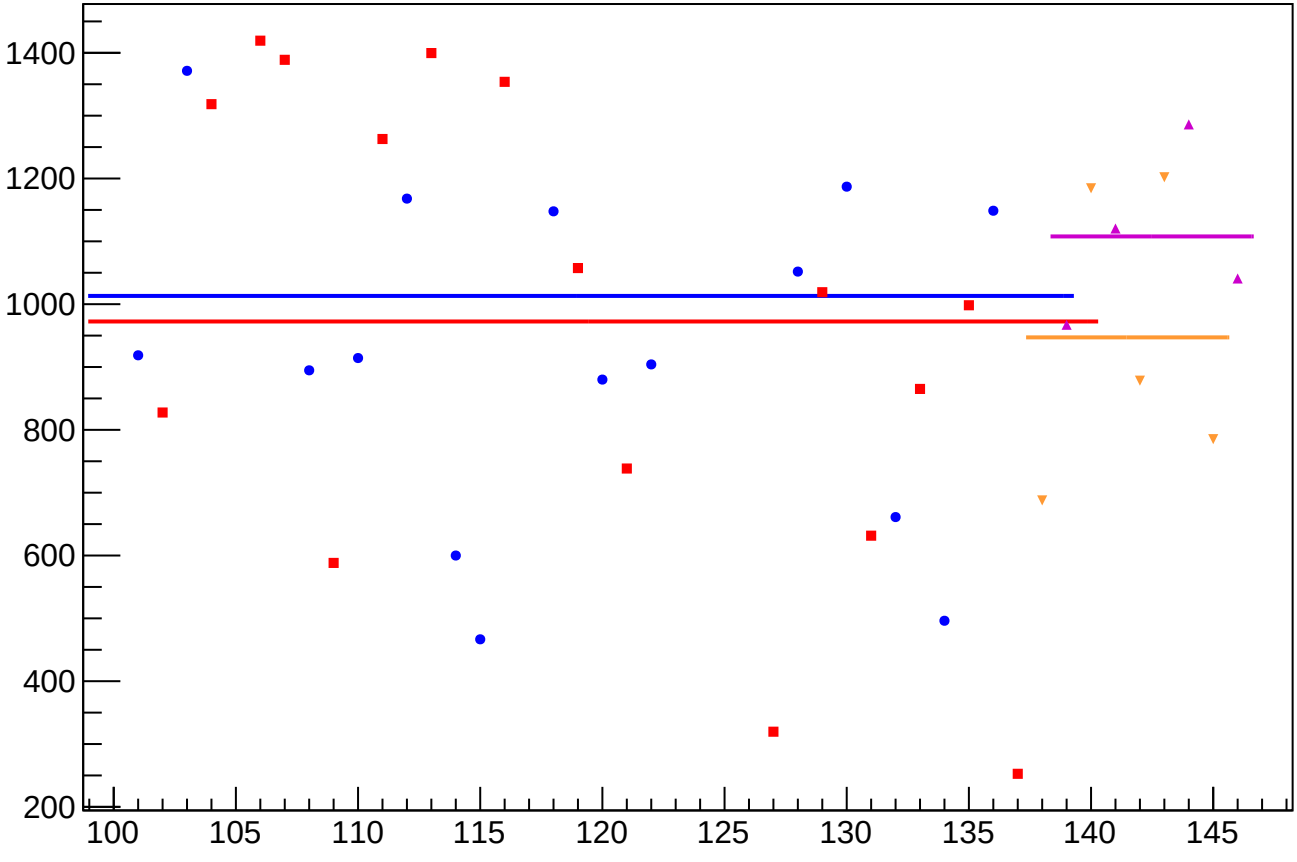
All: 78.630+/-0.000 χ^2/NDF: 184278630870 5

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

- sign 75.742+/-0.000 χ^2/NDF: 6570662631778985

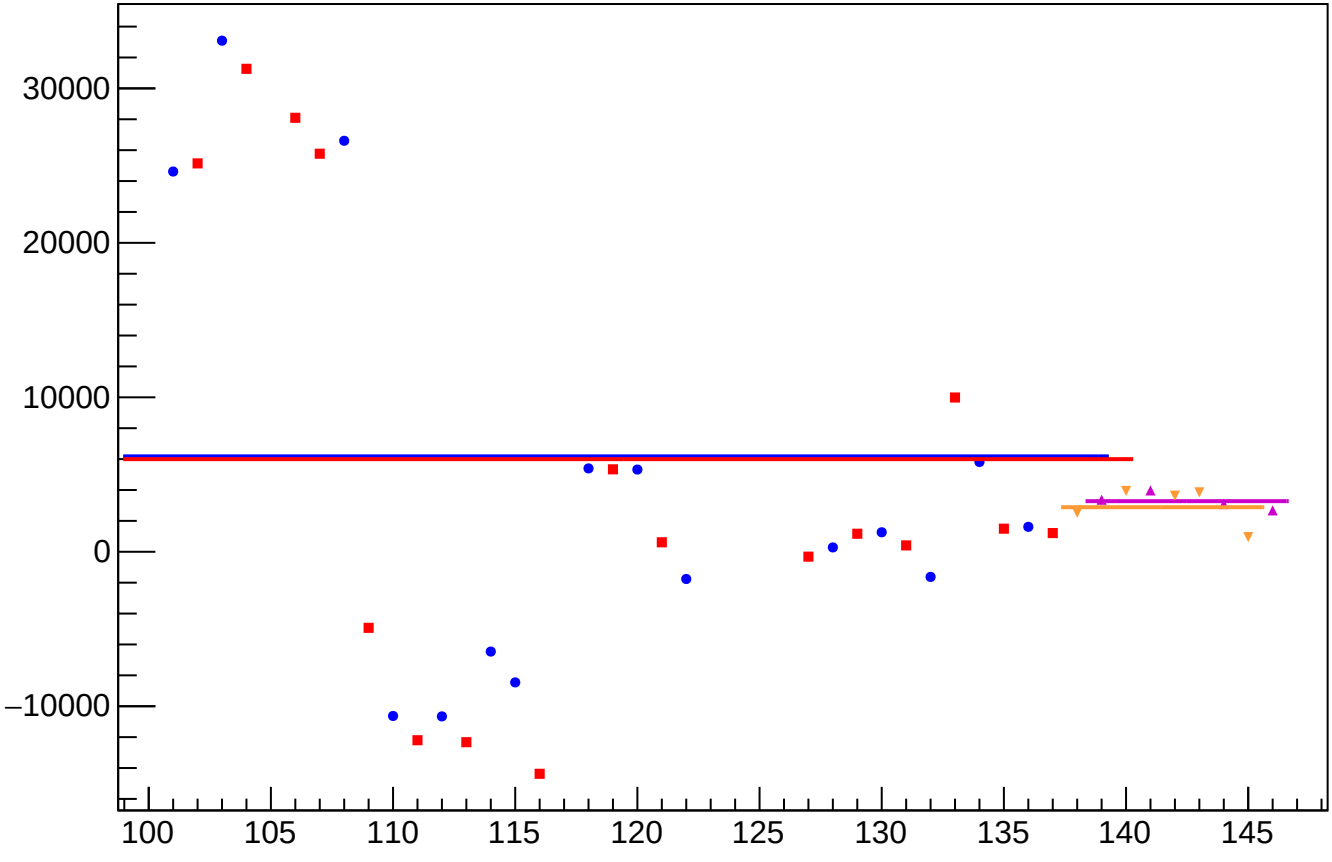
Left In: 30.174+/-0.000 χ^2/NDF:2807025076342053877628483613491200.0/3

dit_sam1_coil6_Ndata_mean vs Slug



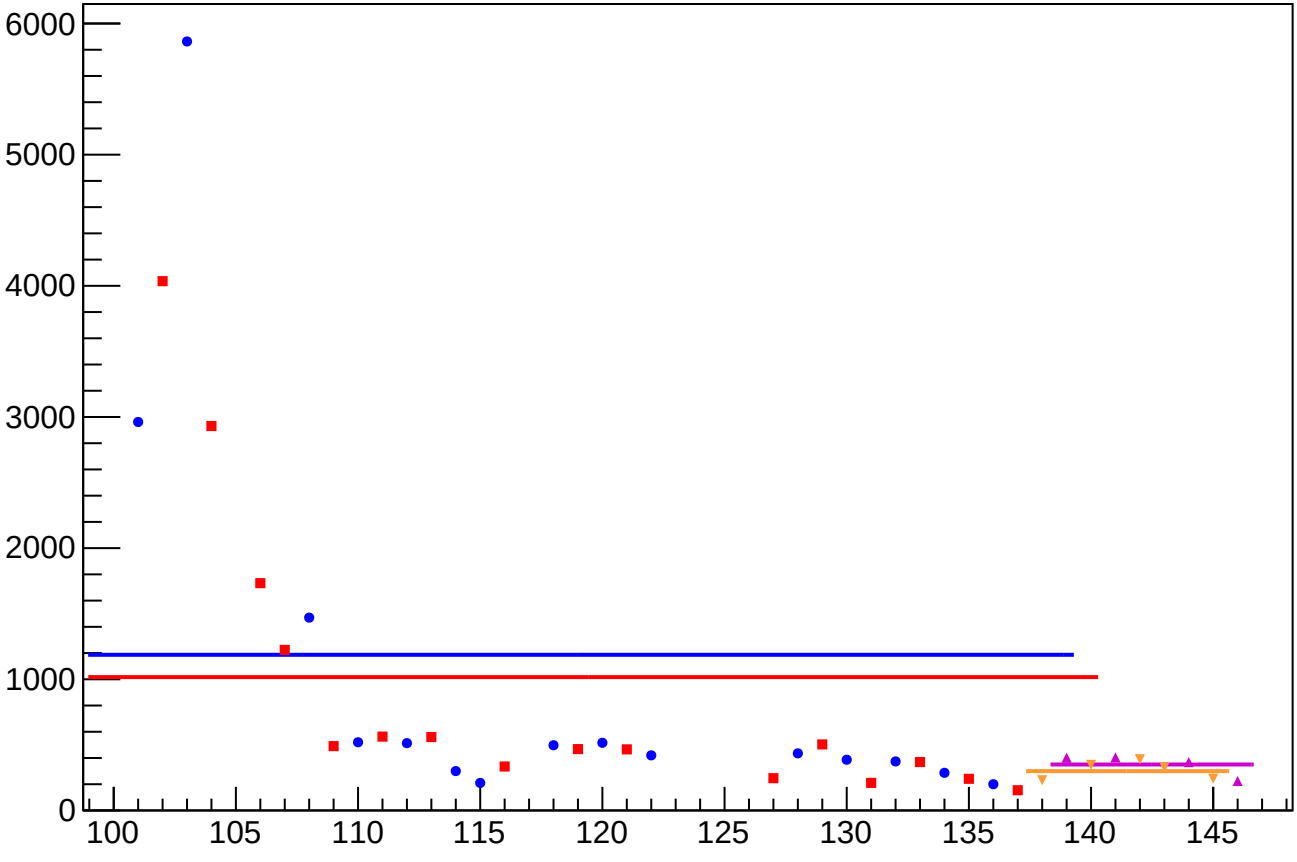
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
+ sign 5014.249+/-0.000 χ^2/NDF: 12023317232173
Left Out: 2885.303+/-0.000 χ^2/NDF:4926533147587775791839533391320218337 28.0/4
All: 5048.222+/-0.000 χ^2/NDF: 2590265422 4
Right Out: 5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
- sign 5082.127+/-0.000 χ^2/NDF: 13879105706691
Left In: 3277.279+/-0.000 χ^2/NDF:7437895014265980820126912553387294720 0.0/3

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 873.731+/-0.000 χ^2/NDF: 19780139144944

Left Out: 299.686+/-0.000 χ^2/NDF:1269386657799303162776302892680740864.0/4

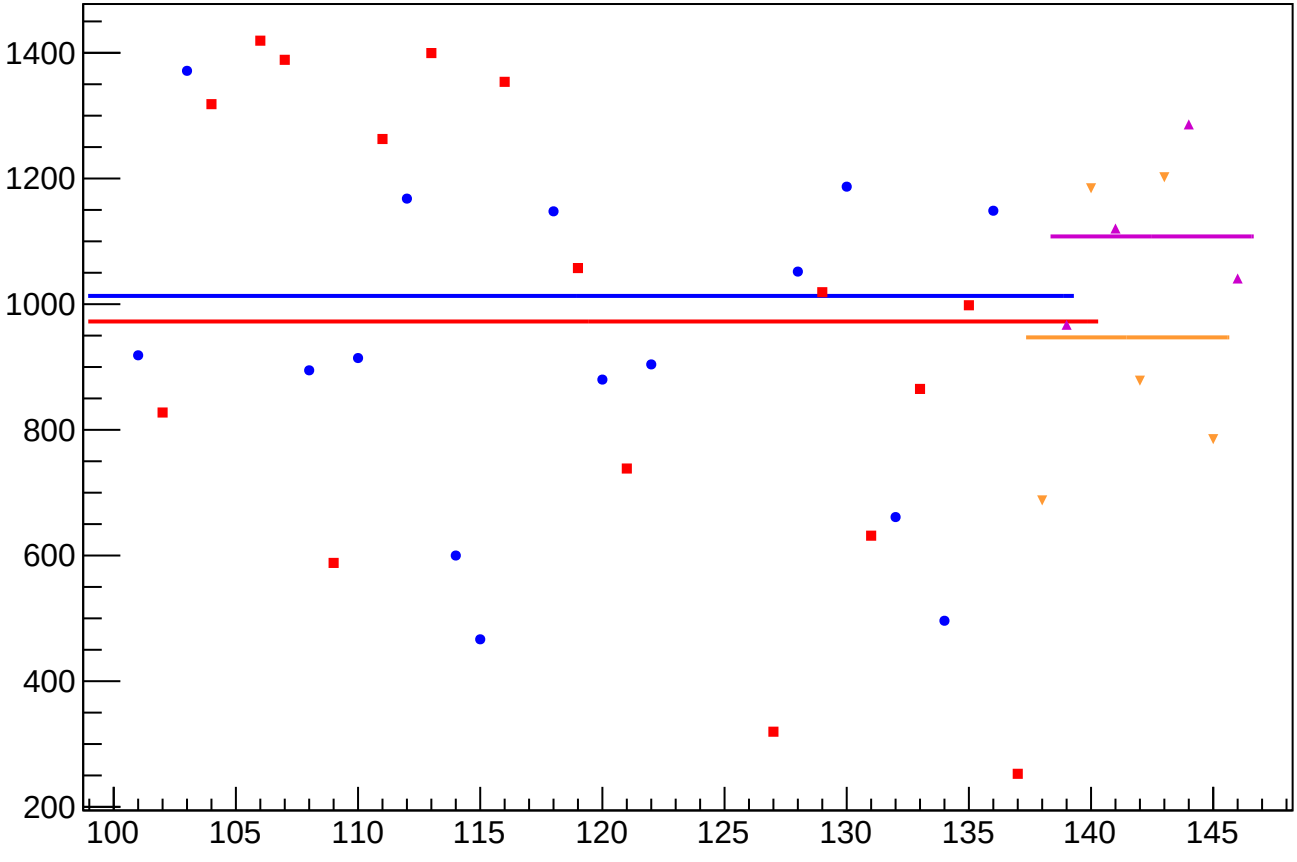
All: 833.143+/-0.000 χ^2/NDF: 30103668544

Right Out: 1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

- sign 792.635+/-0.000 χ^2/NDF: 102905154469215

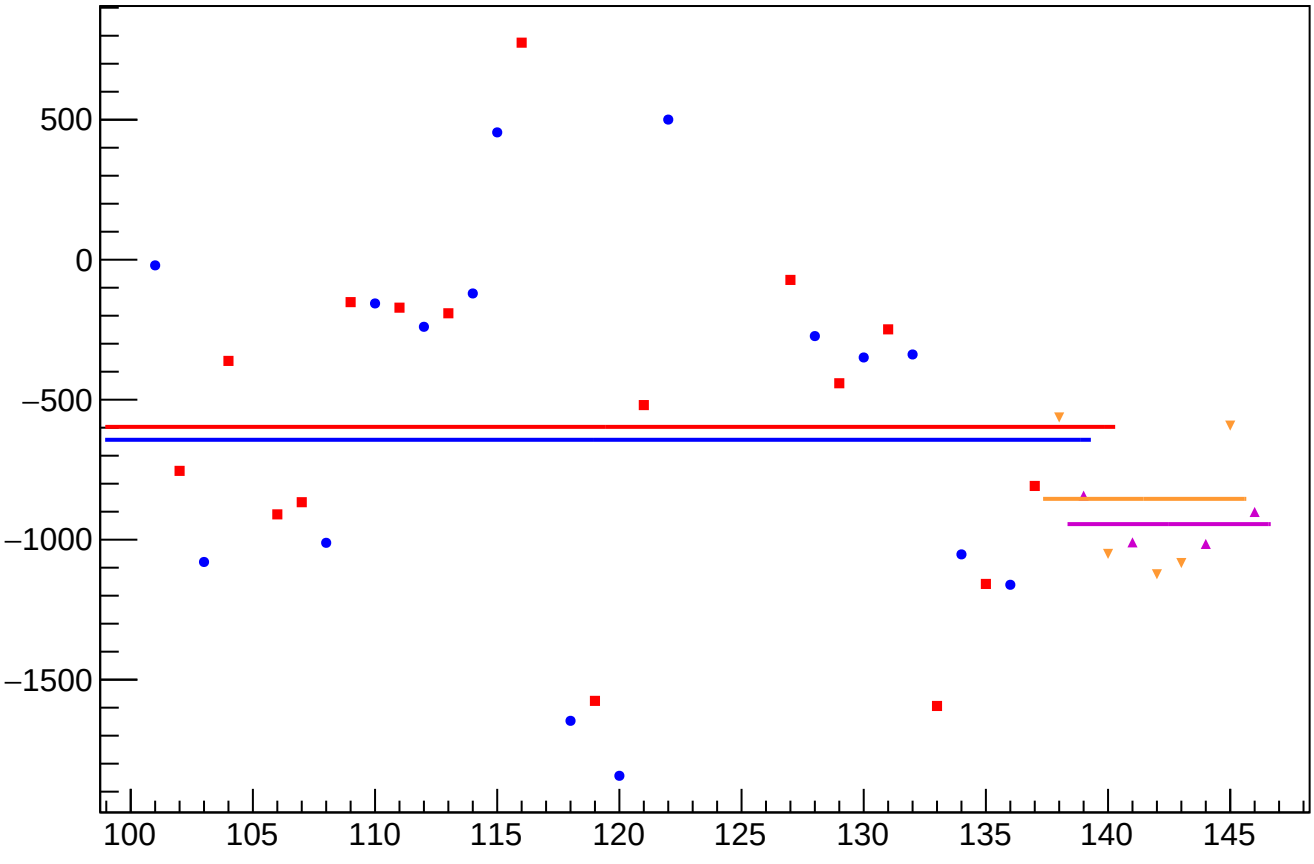
Left In: 350.409+/-0.000 χ^2/NDF:1808667948726205366102386853271306240.0/3

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF: 272726964608206694027285159784925364224.0/14

+ sign -717.675+/-0.000 χ^2/NDF: 30508633022019

Left Out: -854.182+/-0.000 χ^2/NDF:221648007943178385511173625757082583 04.0/4

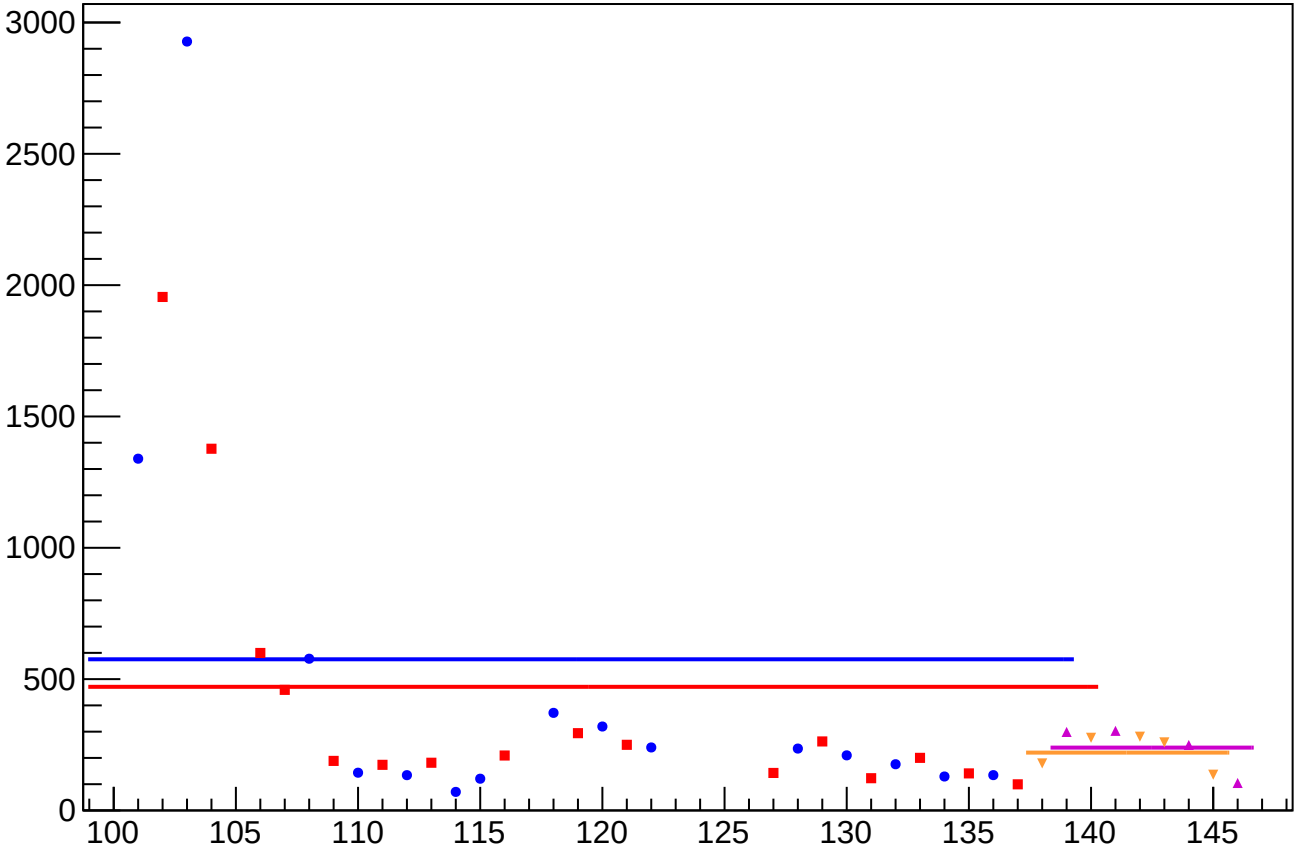
All: -715.762+/-0.000 χ^2/NDF: 5446895899

Right Out: -597.043+/-0.000 χ^2/NDF: 210733370798031449363504004319005376512.0/15

- sign -713.853+/-0.000 χ^2/NDF: 23959589425707 3

Left In: -944.363+/-0.000 χ^2/NDF:180190039687379582899229165330261606 4.0/3

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

+ sign 450.137+/-0.000 χ^2/NDF: 46282778510942

Left Out: 220.258+/-0.000 χ^2/NDF:1237007781455918681927736750292074496.0/4

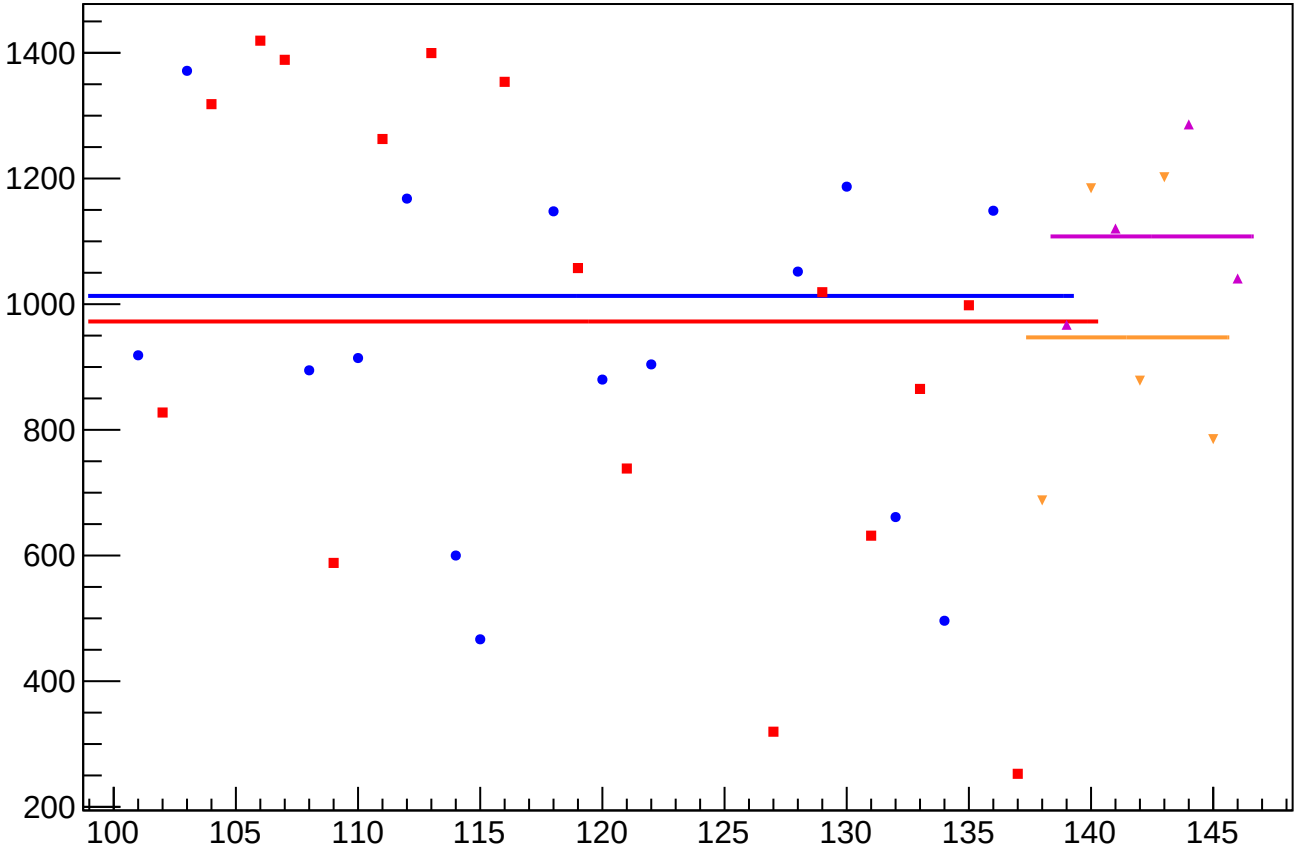
All: 421.476+/-0.000 χ^2/NDF: 68795143879

Right Out: 470.716+/-0.000 χ^2/NDF: 2093106042918682198060737687645124034 56.0/15

- sign 392.873+/-0.000 χ^2/NDF: 223477485153898

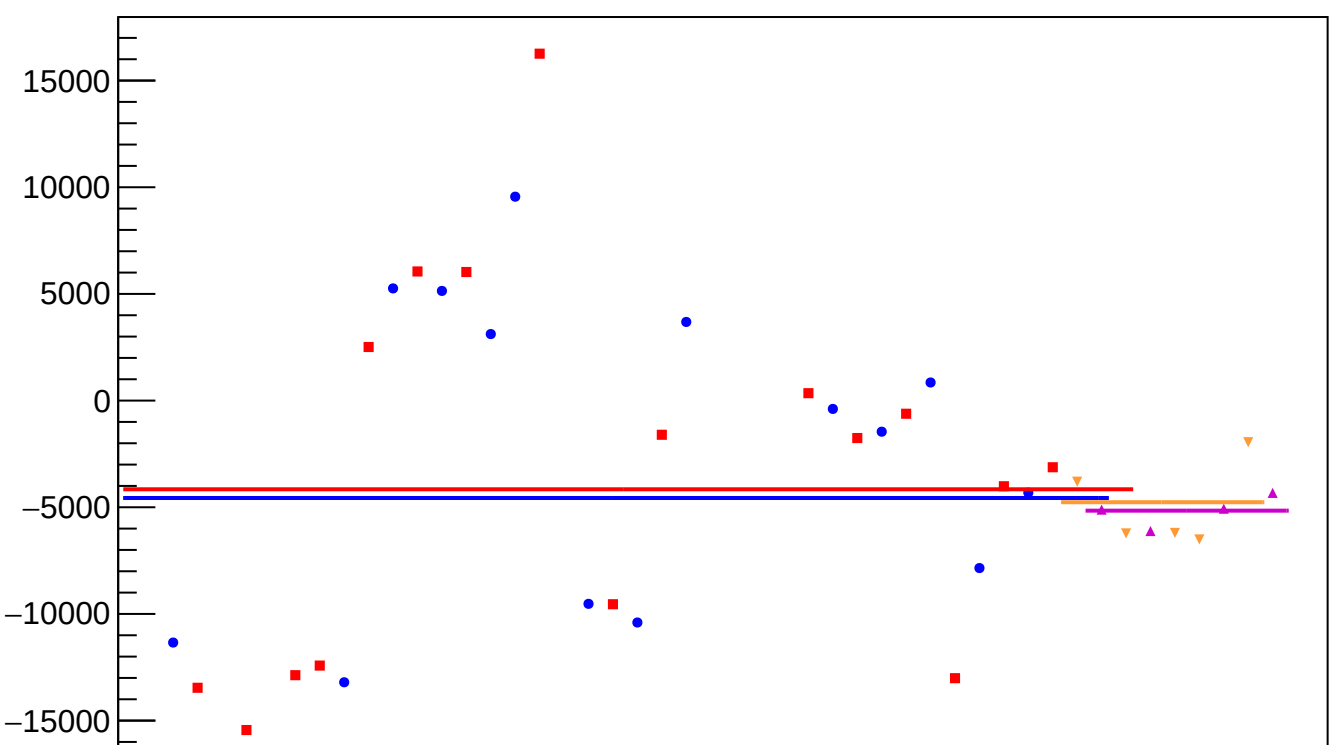
Left In: 239.259+/-0.000 χ^2/NDF:2149332918925522220502873052658270208.0/3

dit_sam3_coil6_Ndata_mean vs Slug



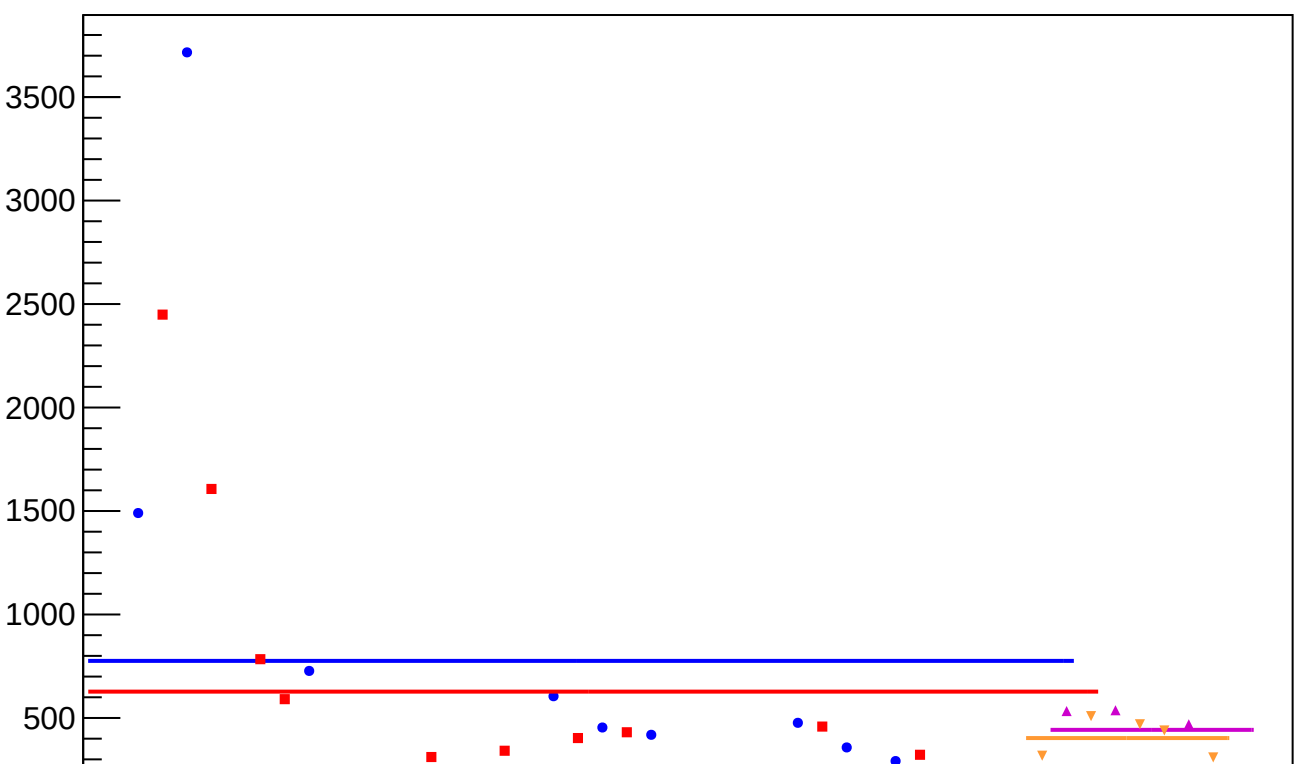
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
+ sign -4635.326+/-0.000 χ^2/NDF: 3686381781278
Left Out: -4763.500+/-0.000 χ^2/NDF:1187061583589857631356244459677168959488.0/4
All: -4564.577+/-0.000 χ^2/NDF: 8277478762
Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219596 8.0/15
- sign -4493.969+/-0.000 χ^2/NDF: 4590093899494 0
Left In: -5159.213+/-0.000 χ^2/NDF:1361019427862611509509515687022360002 56.0/3

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 402.918+/-0.000 χ^2/NDF:2489218493362644715545805760369786880.0/4

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

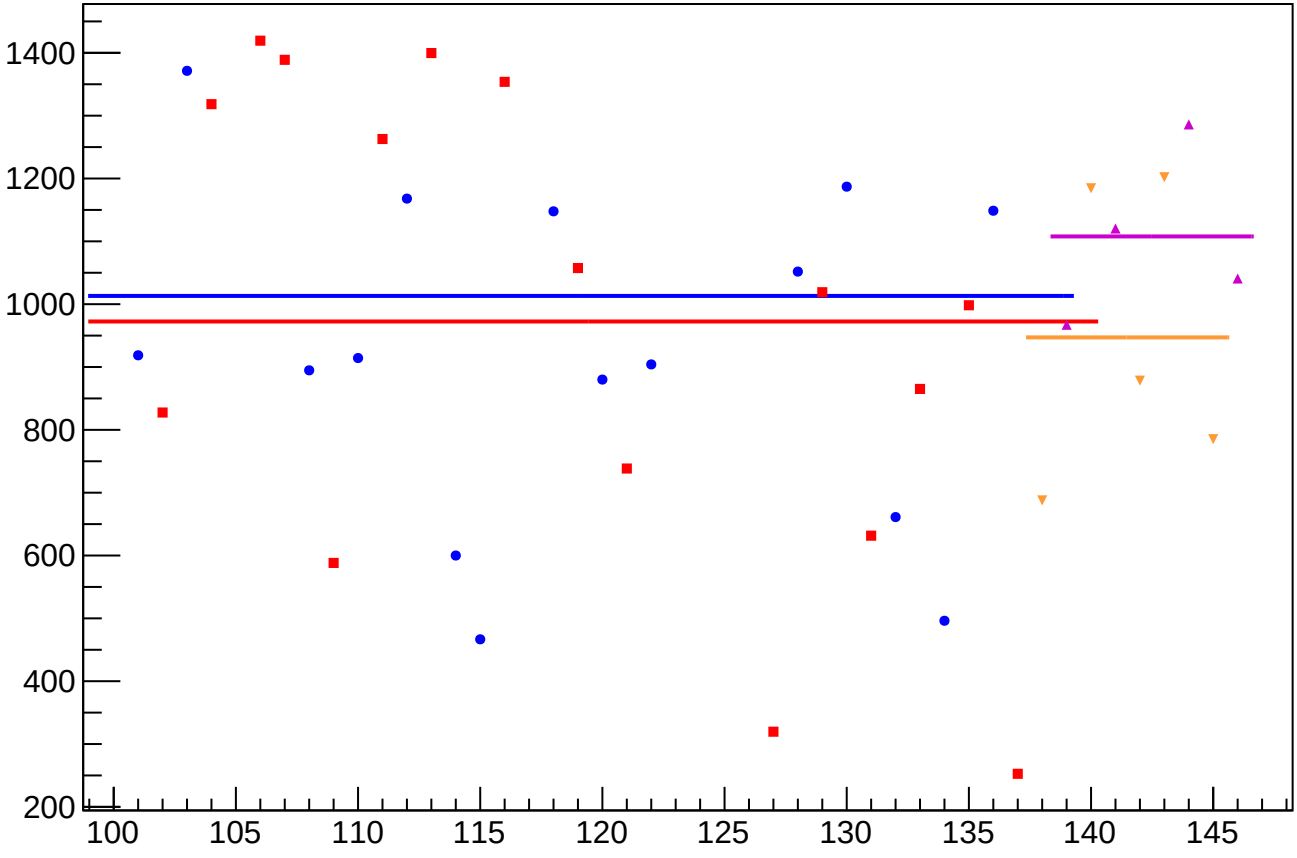
Left In: 442.591+/-0.000 χ^2/NDF:5318511237716983149310587102132436992.0/3

+ sign 644.210+/-0.000 χ^2/NDF: 676198637518210

All: 604.660+/-0.000 χ^2/NDF: 989824073469

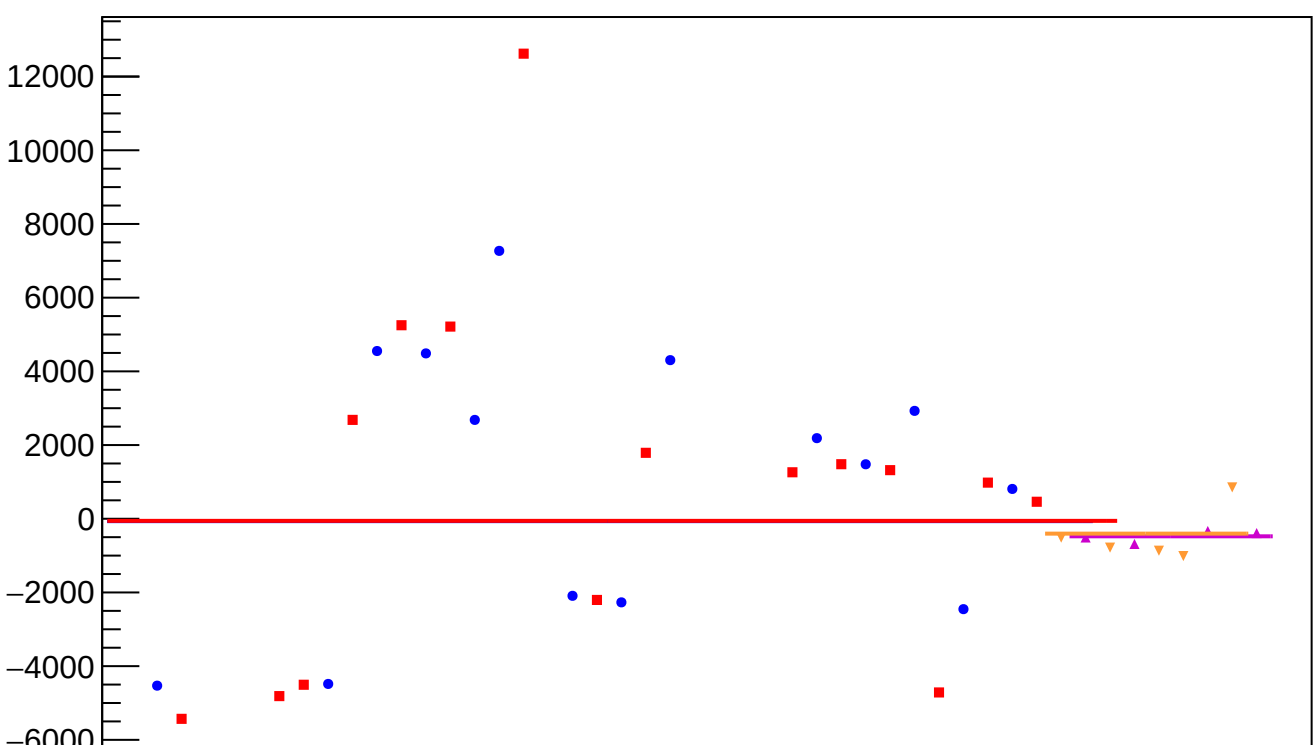
- sign 565.189+/-0.000 χ^2/NDF: 310490734718712

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

+ sign -184.459+/-0.000 χ^2/NDF: 98155784362579

Left Out: -403.925+/-0.000 χ^2/NDF:175004251271916438881041235738865172480.0/4

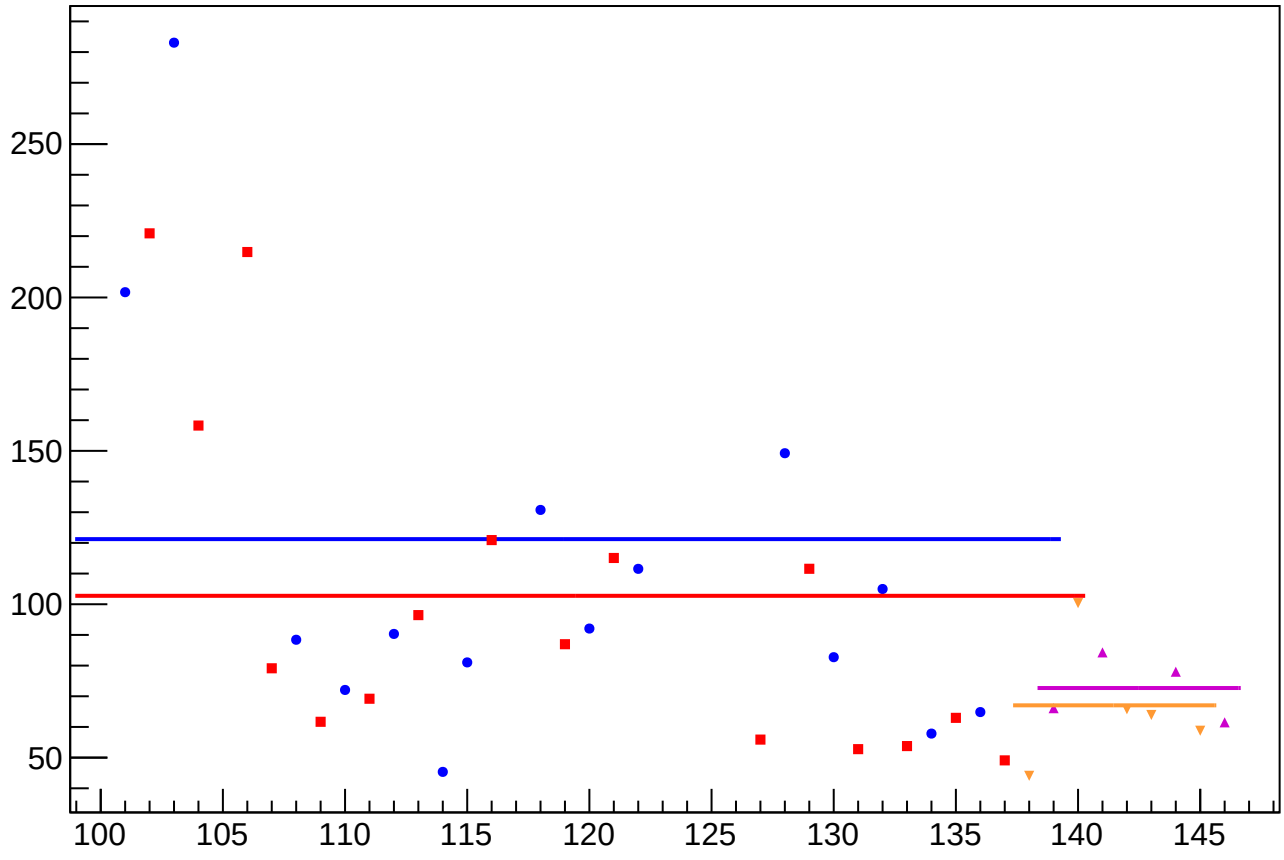
All: -191.354+/-0.000 χ^2/NDF: 2364231242 4

Right Out: -57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779 79904.0/15

- sign -198.235+/-0.000 χ^2/NDF: 138266387238648

Left In: -476.493+/-0.000 χ^2/NDF:624742429205977968201220792437335 6544.0/3

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

+ sign 102.104+/-0.000 χ^2/NDF: 353407072554541

Left Out: 67.045+/-0.000 χ^2/NDF:1384417625602301140060816154694778 88.0/4

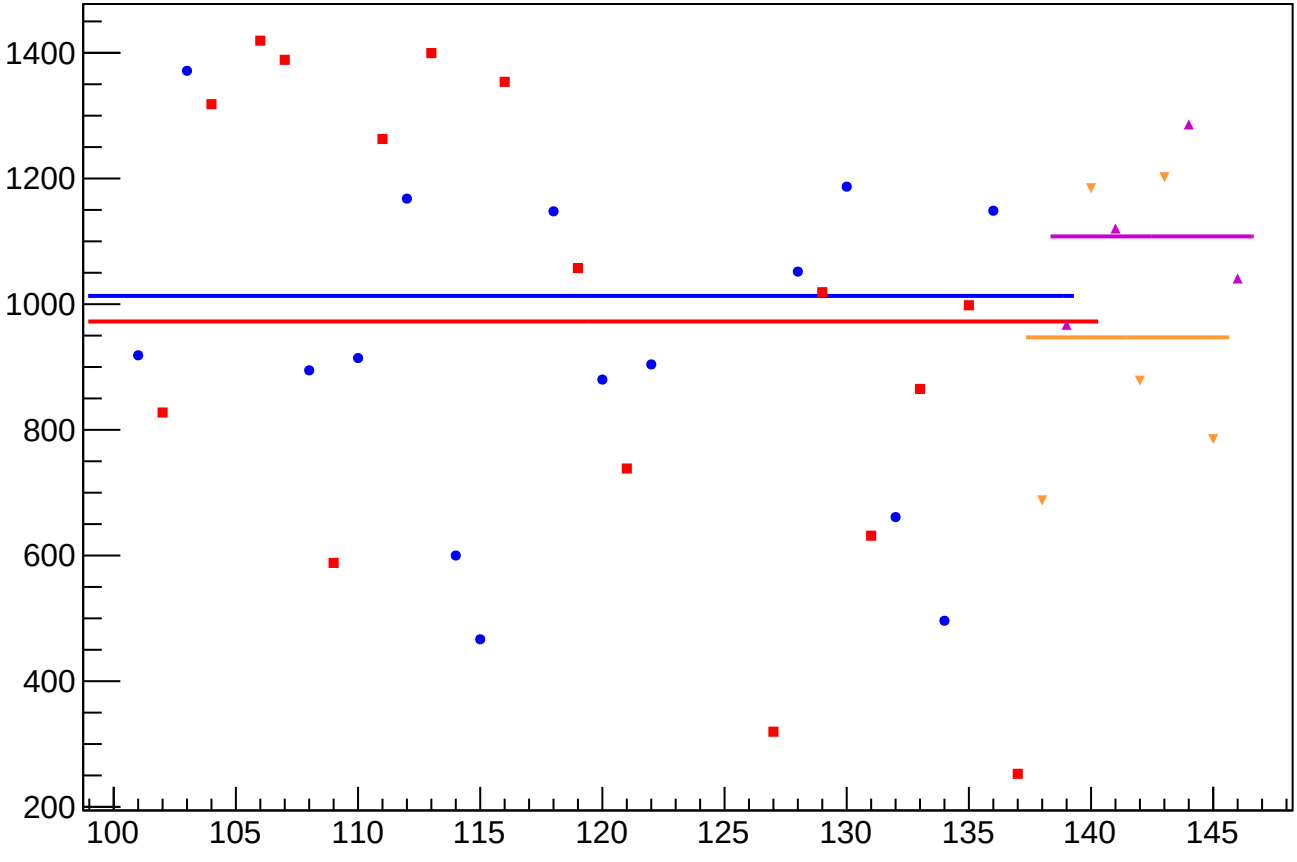
All: 97.367+/-0.000 χ^2/NDF: 5777301640765

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591 8336.0/15

- sign 92.639+/-0.000 χ^2/NDF: 2198254894834302

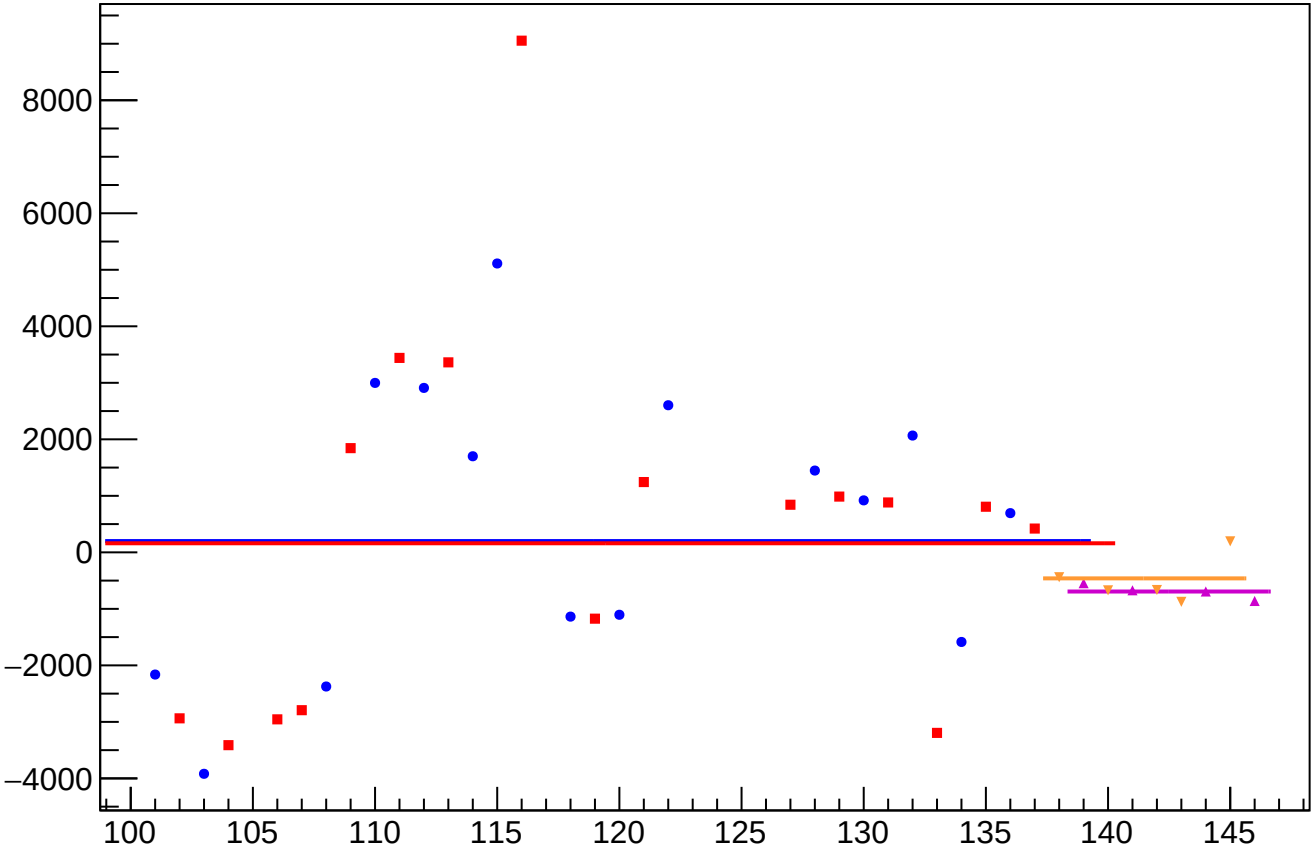
Left In: 72.689+/-0.000 χ^2/NDF:278820335234520901653566951113359 36.0/3

dit_sam5_coil6_Ndata_mean vs Slug



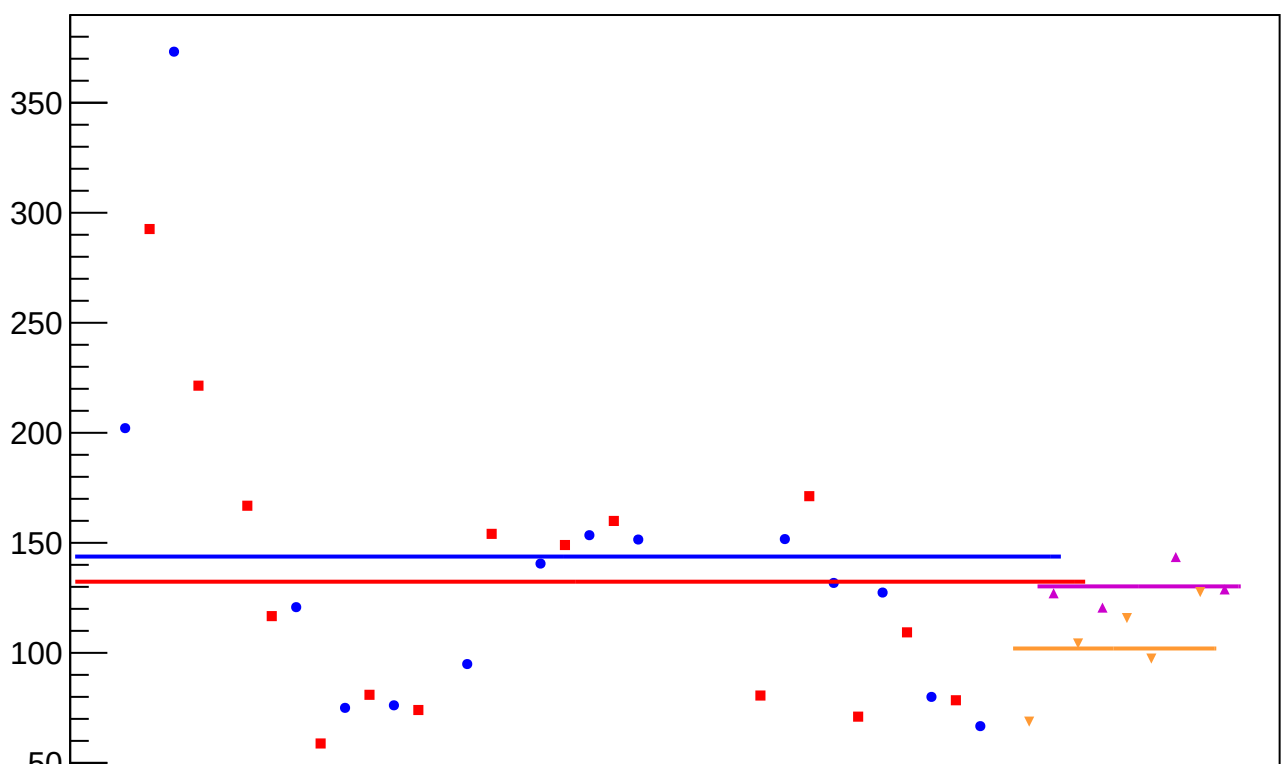
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14
+ sign -33.458+/-0.000 χ^2/NDF: 341994349268443
Left Out: -460.553+/-0.000 χ^2/NDF:5198863480137060659378608981312064716 8.0/4
All: -80.070+/-0.000 χ^2/NDF: 927246424721
Right Out: 160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15
- sign -126.589+/-0.000 χ^2/NDF: 58481666885507
Left In: -693.147+/-0.000 χ^2/NDF:4117234176557455625014493617749753856.0/3

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

+ sign 129.018+/-0.000 χ^2/NDF: 506457771867089

Left Out: 101.985+/-0.000 χ^2/NDF:1499795935455759650728566651524997120.0/4

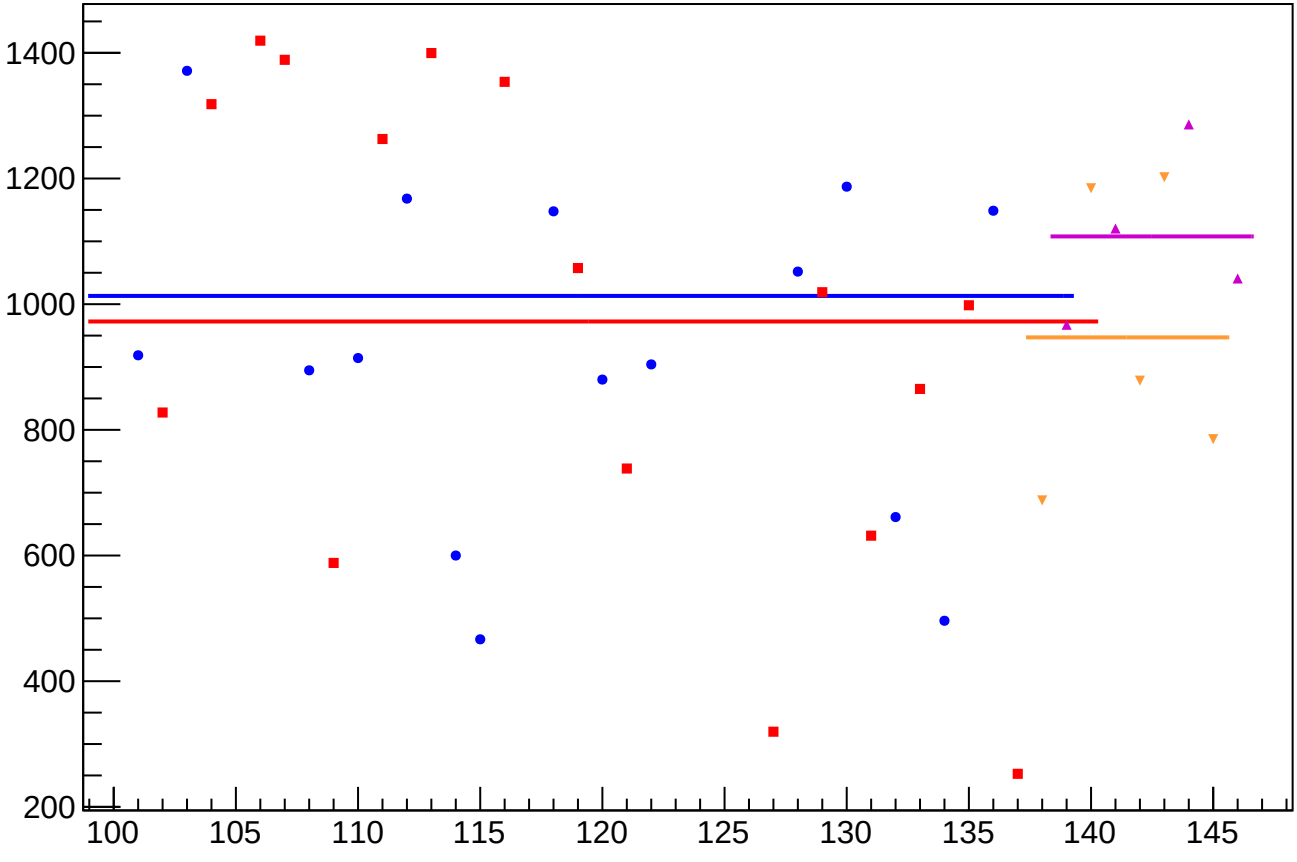
All: 130.322+/-0.000 χ^2/NDF: 826778405841

Right Out: 132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

- sign 131.623+/-0.000 χ^2/NDF: 319979915193143

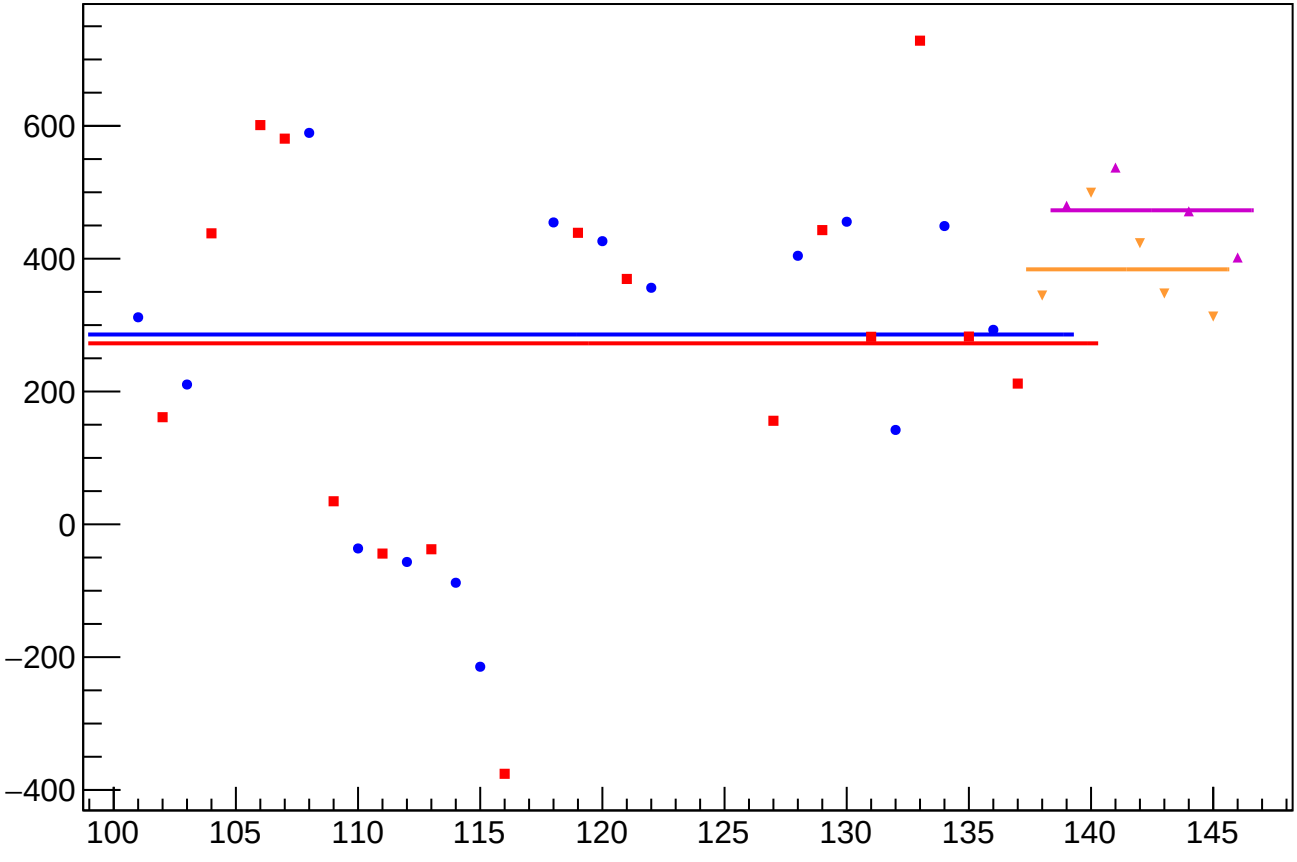
Left In: 130.208+/-0.000 χ^2/NDF:246908639829038647755312349283614 72.0/3

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 383.958+/-0.000 χ^2/NDF:1782304320095347078720914544824156160.0/4

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333335757127 68.0/15

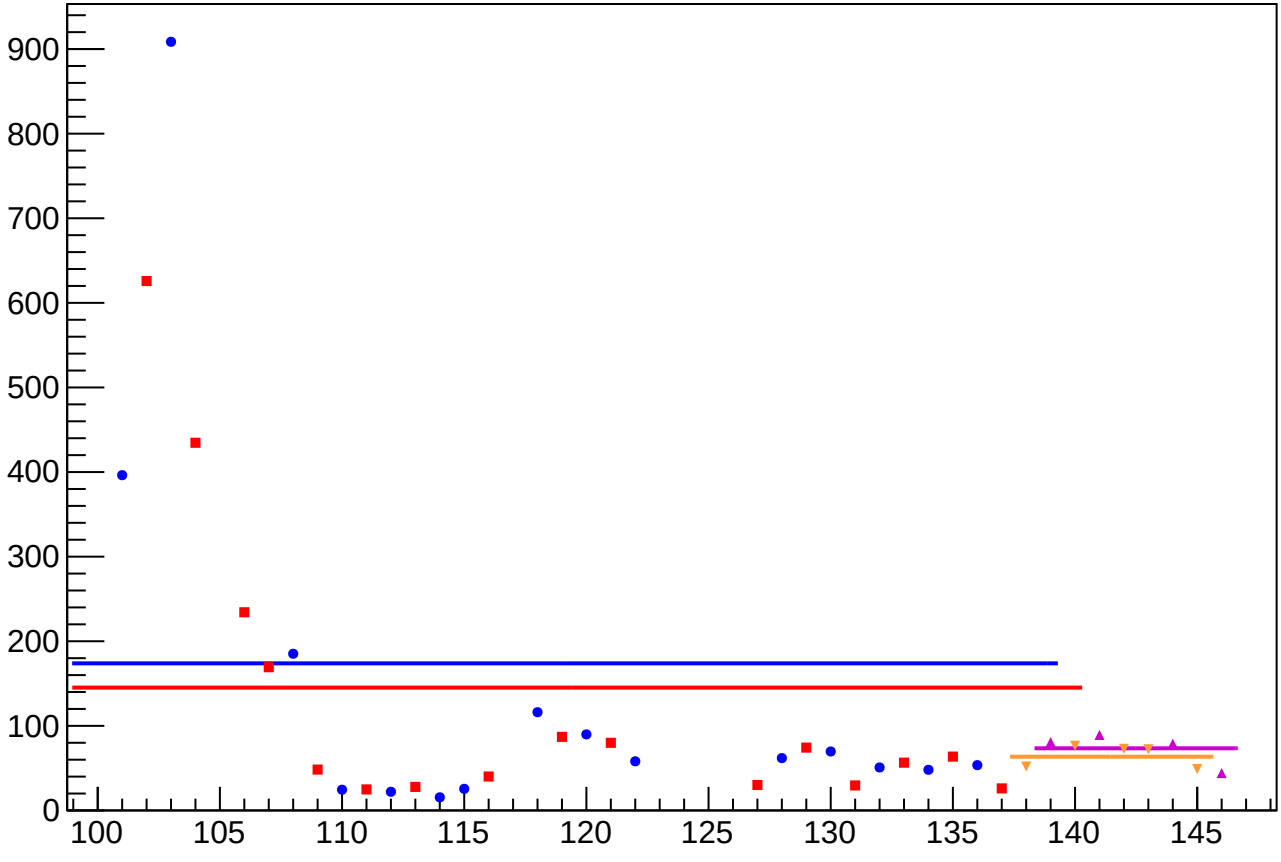
Left In: 472.866+/-0.000 χ^2/NDF:7753661516566316336354012089506856 96.0/3

+ sign 320.481+/-0.000 χ^2/NDF: 280950175350273

All: 330.206+/-0.000 χ^2/NDF: 822123167015

- sign 339.913+/-0.000 χ^2/NDF: 539277425520107

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF: 417054734044662326130737045549906657 28.0/14

+ sign 134.924+/-0.000 χ^2/NDF: 445455406667430

Left Out: 63.520+/-0.000 χ^2/NDF:50749333467906651249918819977658368.0/4

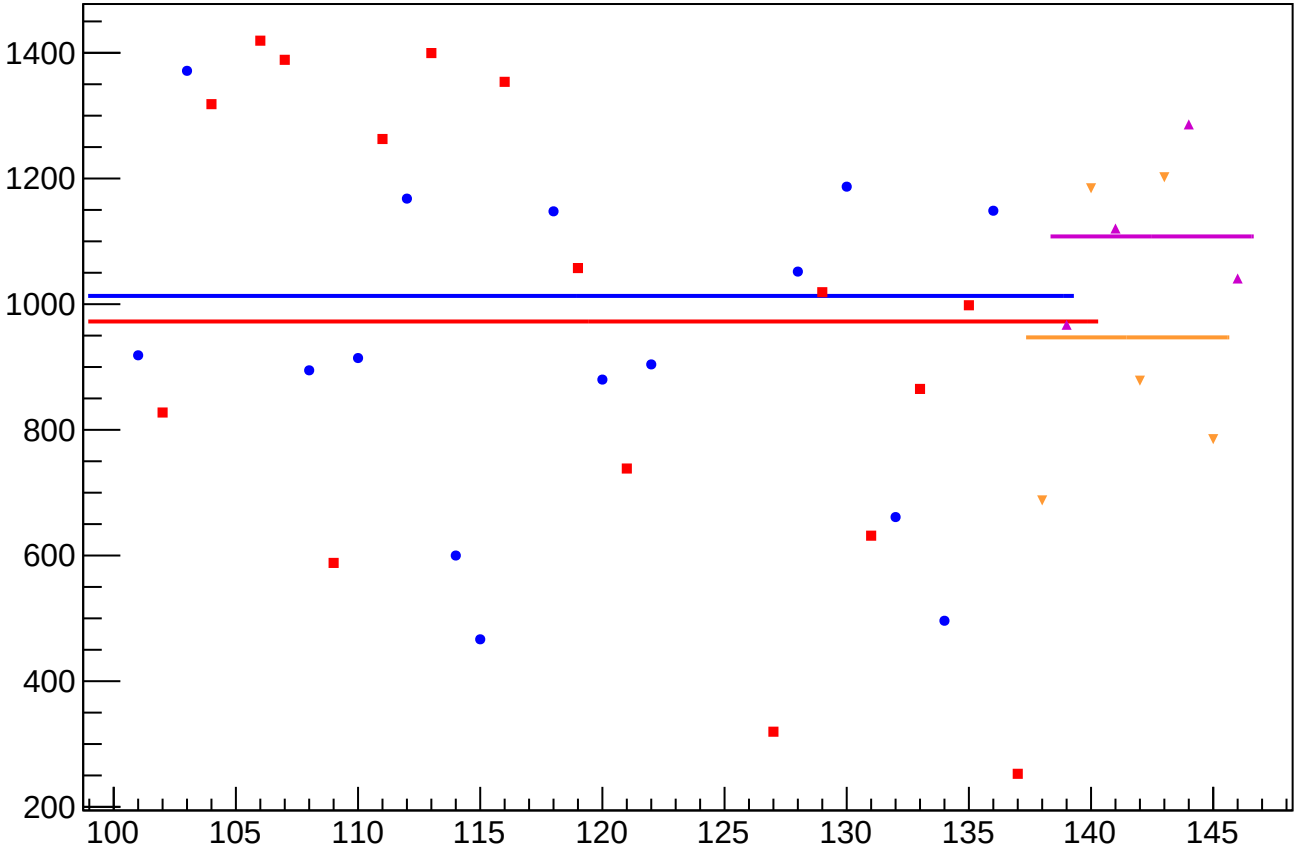
All: 128.000+/-0.000 χ^2/NDF: 68425995424 8

Right Out: 145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

- sign 121.090+/-0.000 χ^2/NDF: 237843937273430

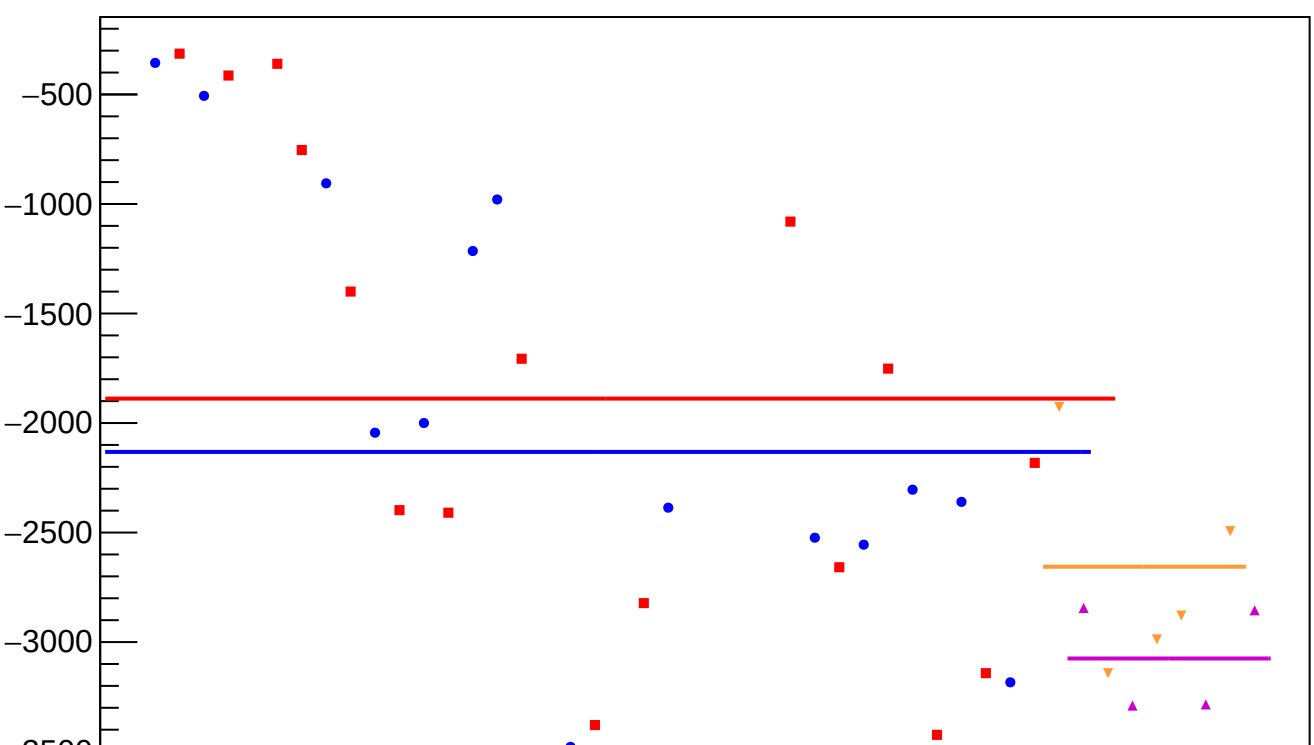
Left In: 73.458+/-0.000 χ^2/NDF:99299938887792487629611256776753152.0/3

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Left Out: -2656.017+/-0.000 χ^2/NDF:713568590928048121578548523137446707 20.0/4

Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

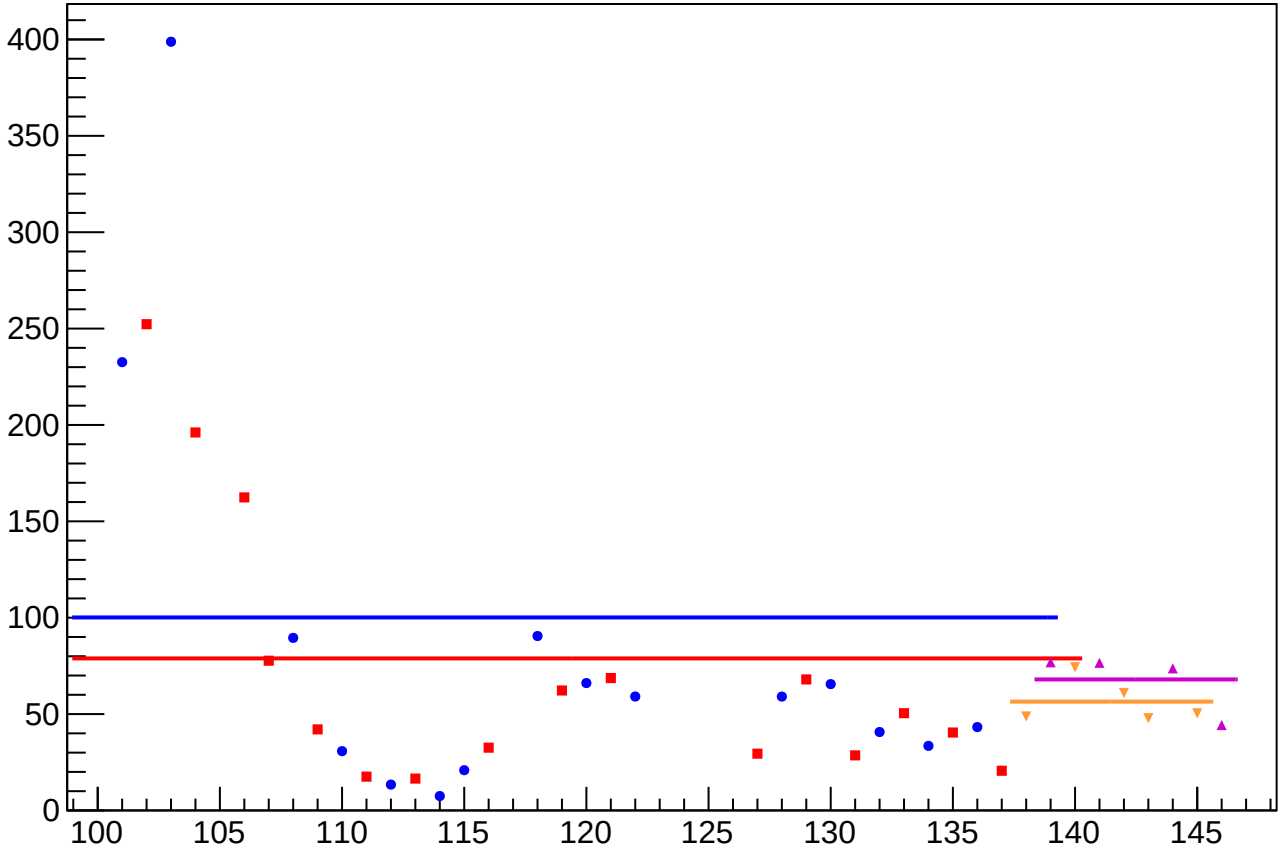
Left In: -3074.904+/-0.000 χ^2/NDF:1617192645941081394320763513046931865 6.0/3

+ sign -2316.886+/-0.000 χ^2/NDF: 8567111186573

All: -2302.166+/-0.000 χ^2/NDF: 1981080459

- sign -2287.475+/-0.000 χ^2/NDF: 1123935122413 8

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 84.723+/-0.000 χ^2/NDF: 8290276801725869

Left Out: 56.467+/-0.000 χ^2/NDF:39573895195825145802678448299180032.0/4

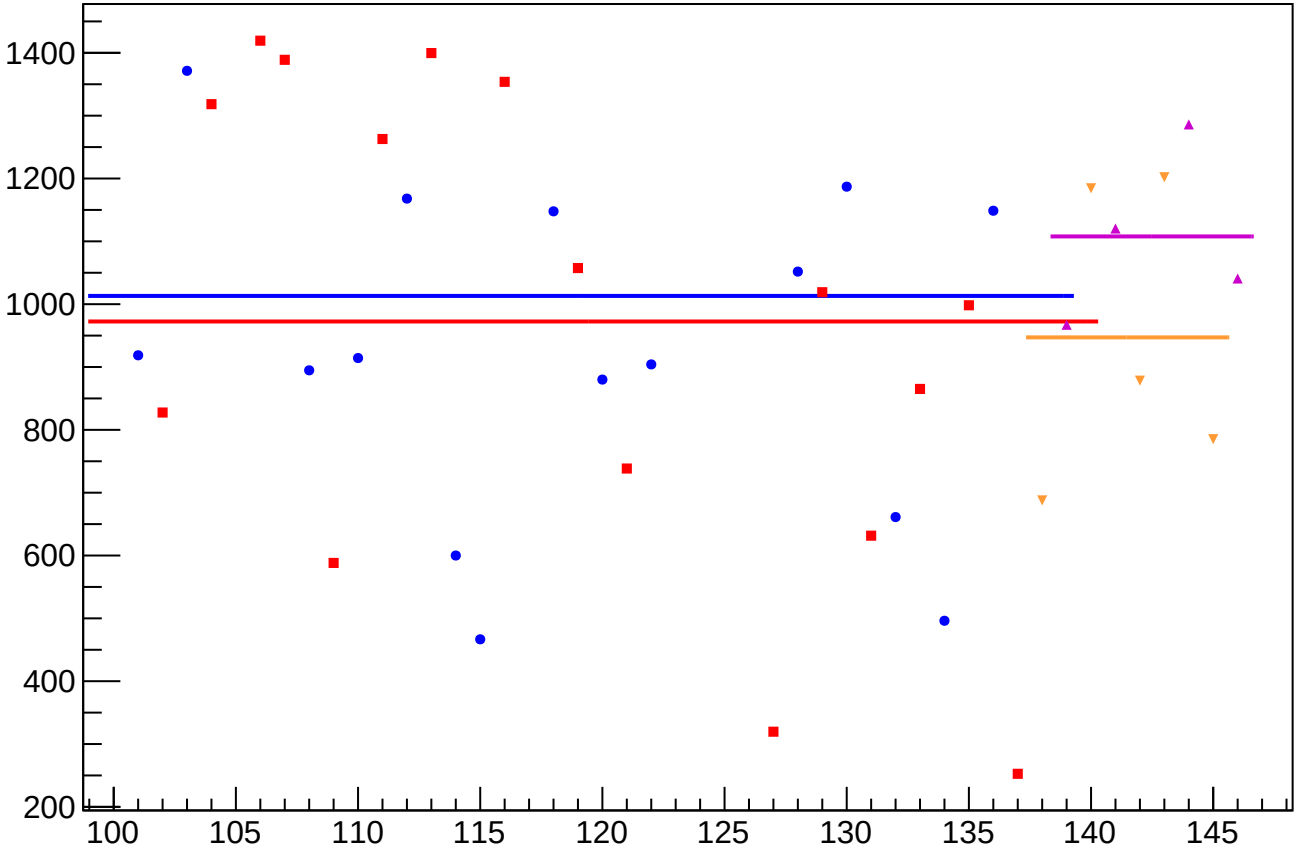
All: 79.964+/-0.000 χ^2/NDF: 1194959040123

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 75.214+/-0.000 χ^2/NDF: 3613923422827743

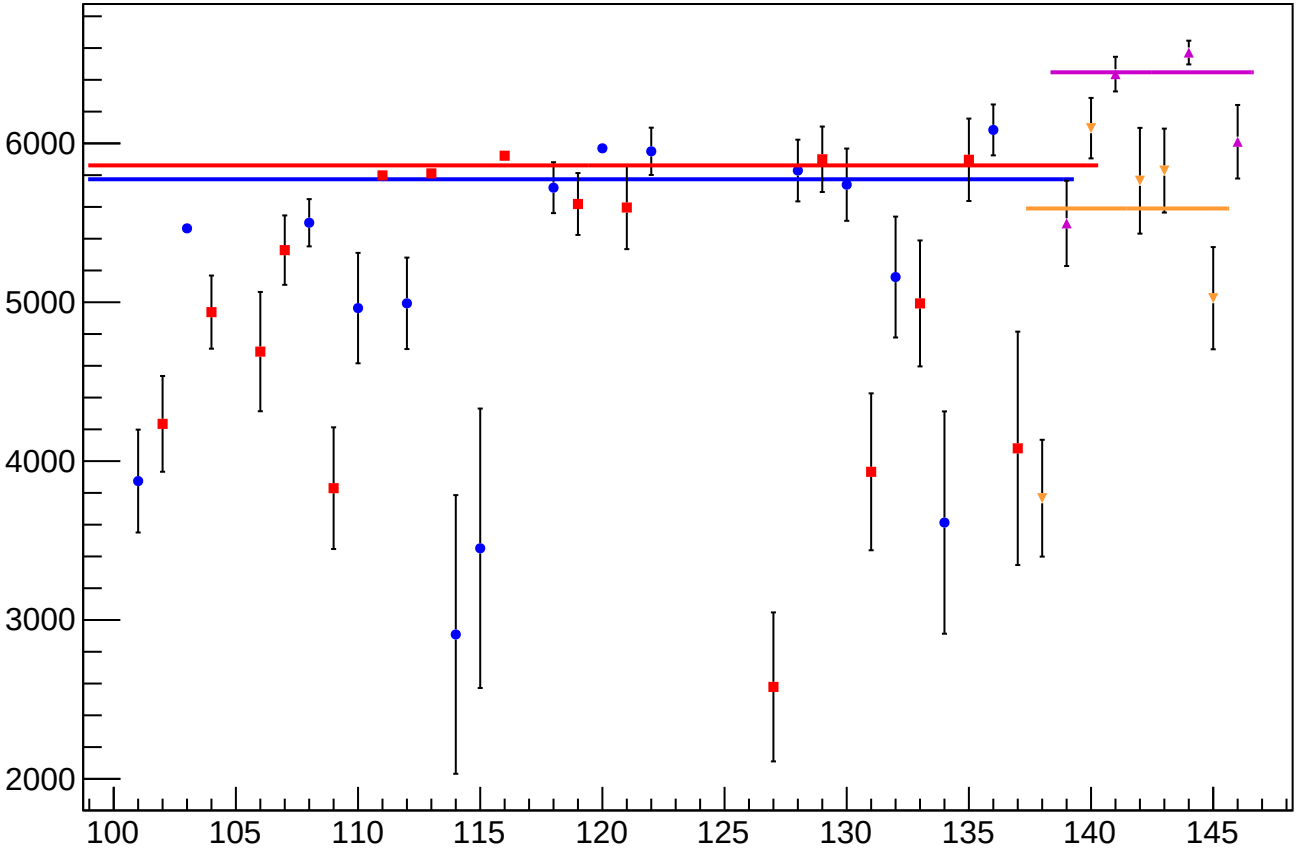
Left In: 67.978+/-0.000 χ^2/NDF:6212813613325990867935991446686924 8.0/3

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 989.860+/-0.000 χ^2/NDF: 49278950341446 0
Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4
All: 1003.938+/-0.000 χ^2/NDF: 1374850199 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1017.987+/-0.000 χ^2/NDF: 8780893369676 7
Left In: 1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

dit_run_mean vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5590.293+/-121.245 χ^2/NDF:35.8/4

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

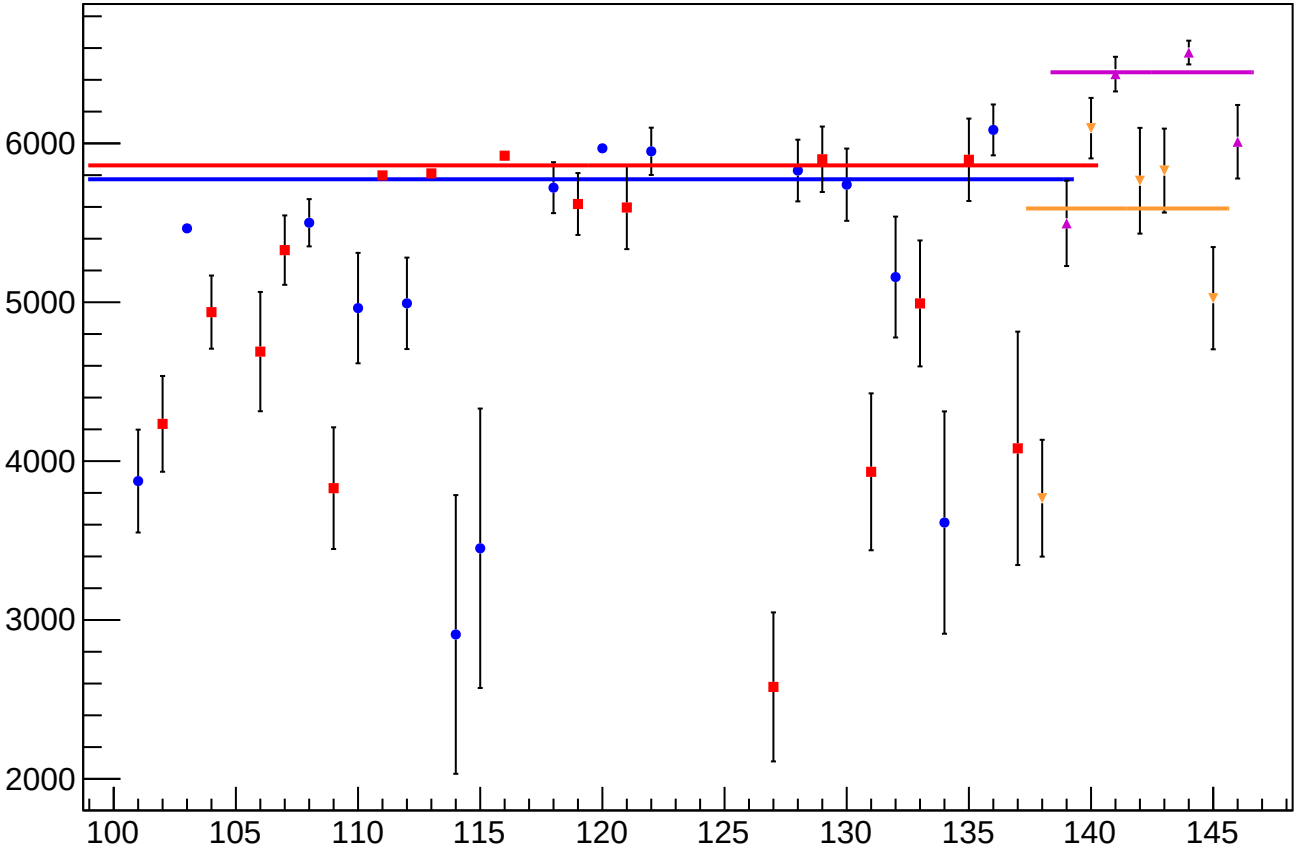
Left In: 6447.477+/-58.130 χ^2/NDF:18.9/3

+ sign 5774.116+/-0.181 χ^2/NDF: 1828564.6/19

All: 5828.995+/-0.111 χ^2/NDF: 2154290.1/39

- sign 5861.464+/-0.140 χ^2/NDF: 180140.9/19

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5590.293+/-121.245 χ^2/NDF:35.8/4

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

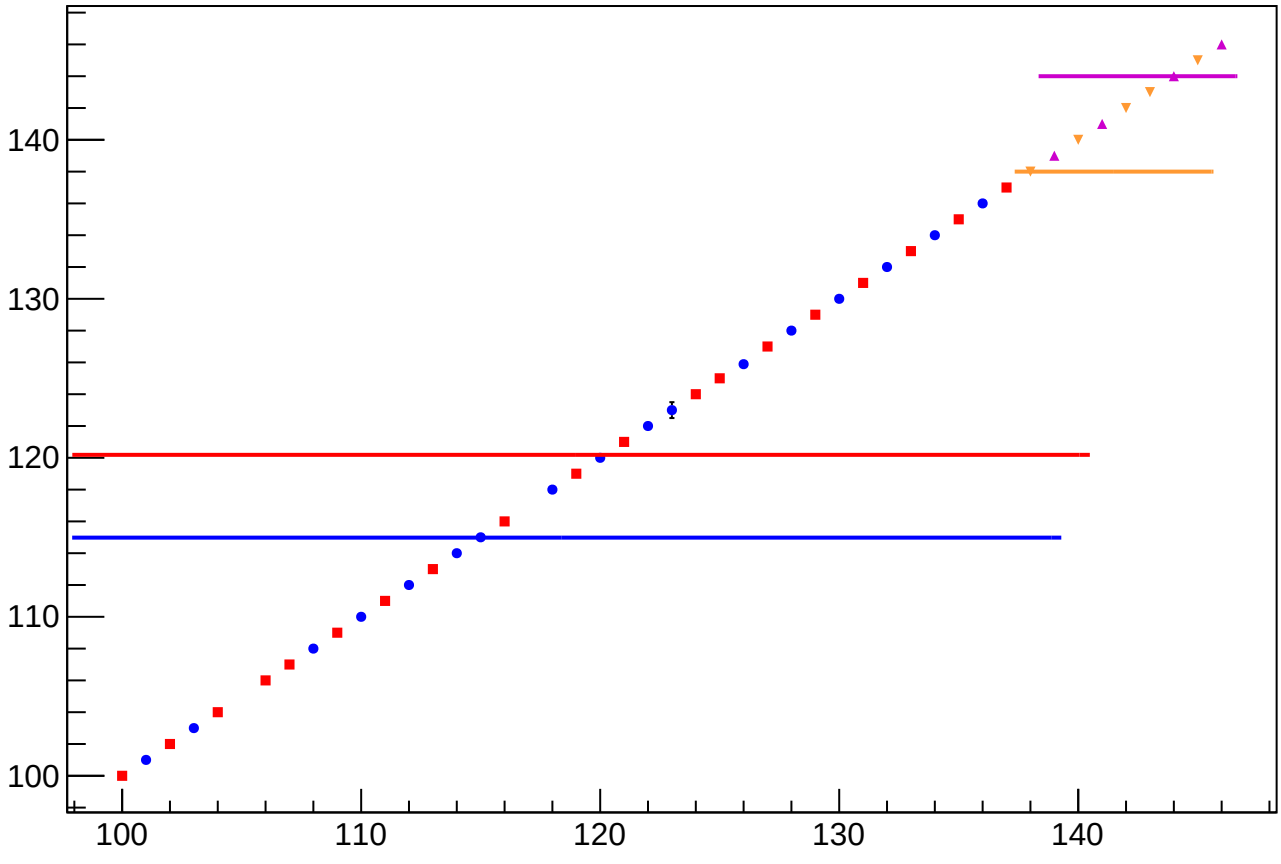
Left In: 6447.477+/-58.130 χ^2/NDF:18.9/3

+ sign 5774.116+/-0.181 χ^2/NDF: 1828564.6/19

All: 5828.995+/-0.111 χ^2/NDF: 2154290.1/39

- sign 5861.464+/-0.140 χ^2/NDF: 180140.9/19

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 138.000+/-0.000 χ^2/NDF:6785.0/4

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

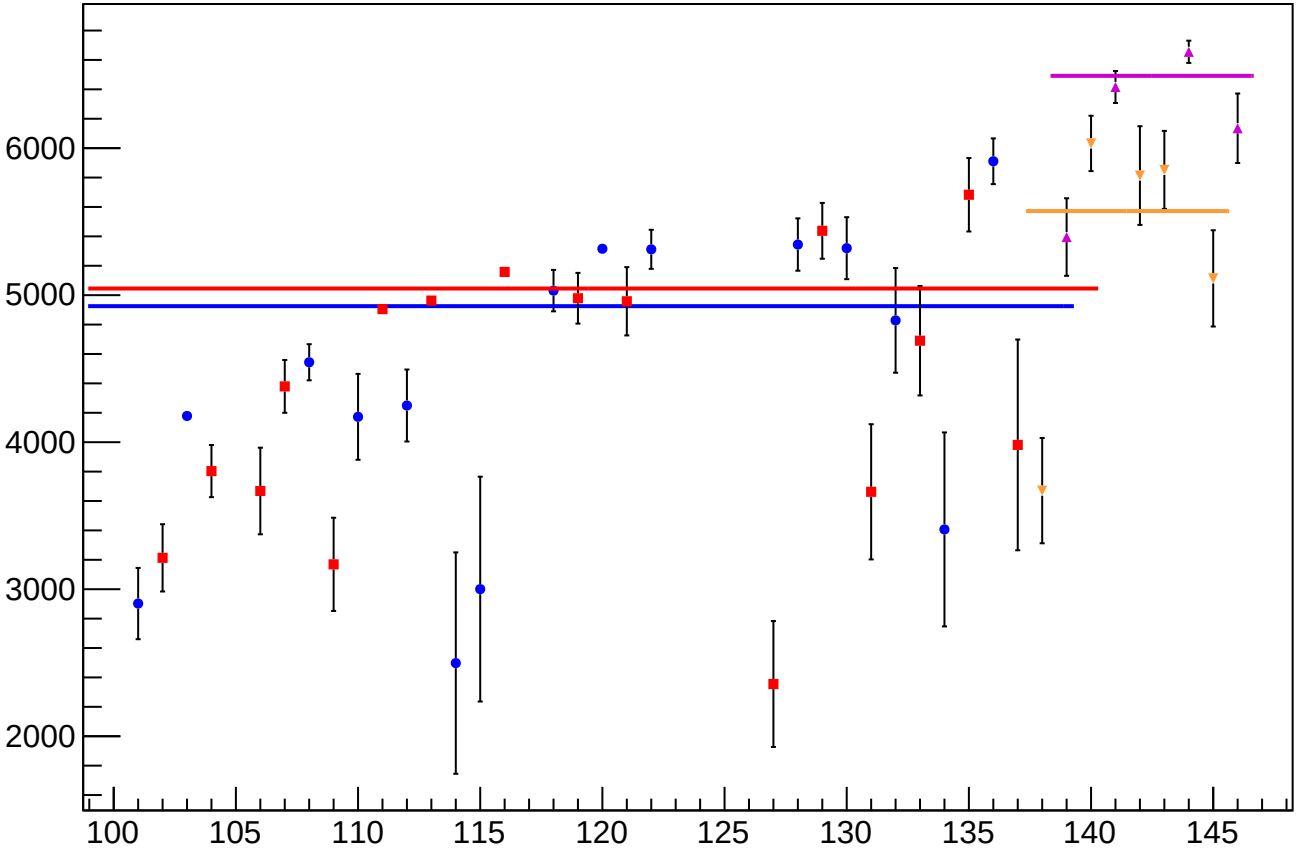
Left In: 144.000+/-0.000 χ^2/NDF:3122.0/3

+ sign 116.377+/-0.000 χ^2/NDF: 159793237837416

All: 118.926+/-0.000 χ^2/NDF: 29233096299

- sign 122.504+/-0.000 χ^2/NDF: 107997867116813

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5572.145+/-120.908 χ^2/NDF:37.7/4

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

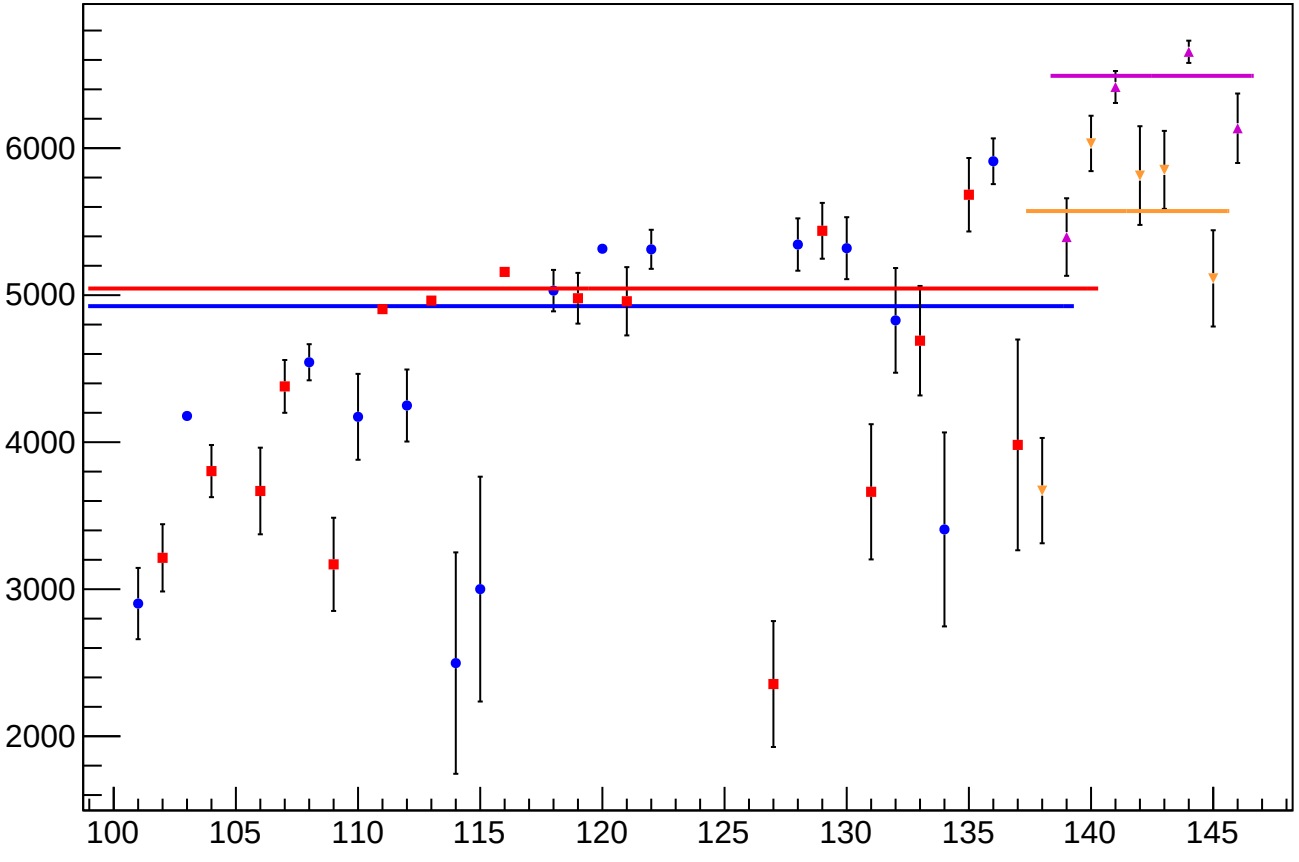
Left In: 6491.872+/-58.556 χ^2/NDF:24.7/3

+ sign 4925.344+/-0.939 χ^2/NDF: 331060.9/19

All: 5005.062+/-0.544 χ^2/NDF: 372738.7/39

- sign 5045.409+/-0.668 χ^2/NDF: 30814.9/19

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5572.145+/-120.908 χ^2/NDF:37.7/4

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

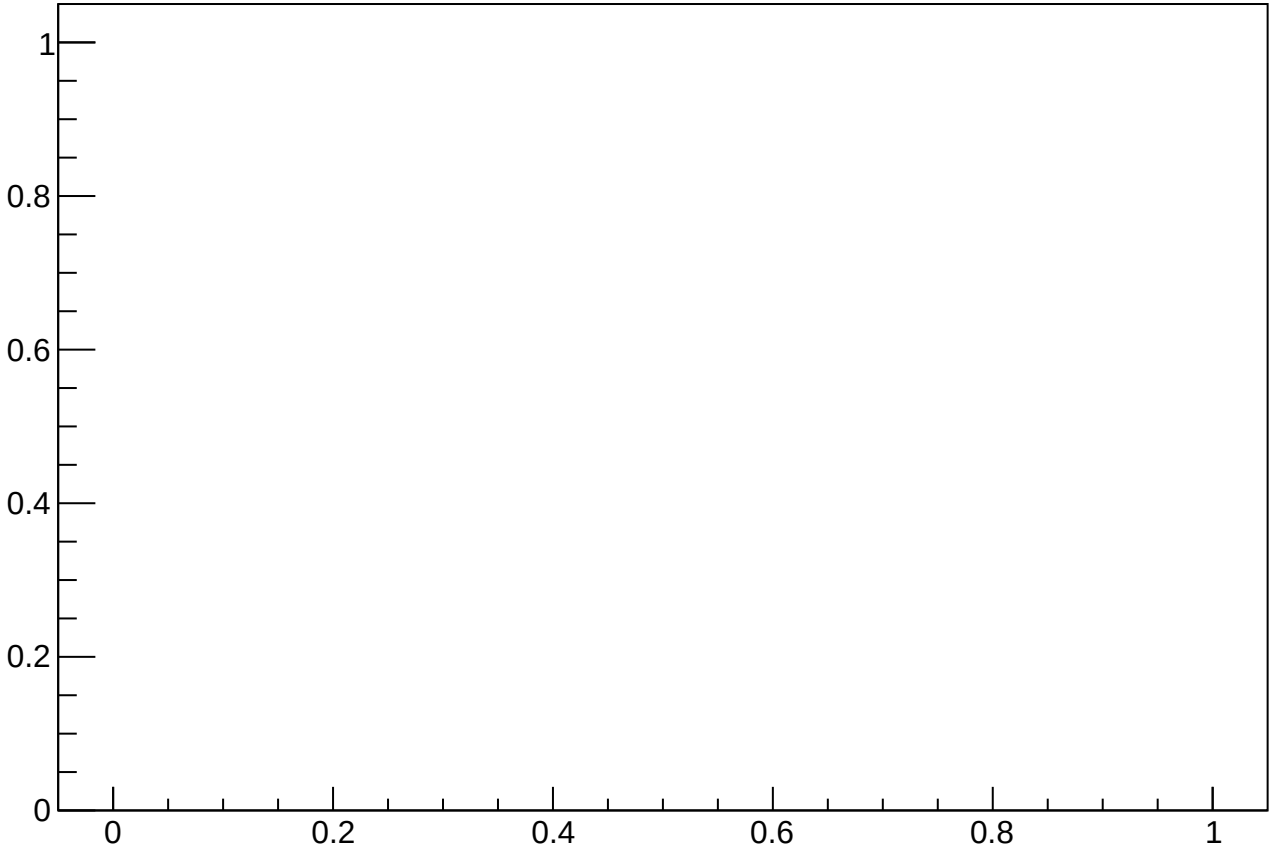
Left In: 6491.872+/-58.556 χ^2/NDF:24.7/3

+ sign 4925.344+/-0.939 χ^2/NDF: 331060.9/19

All: 5005.062+/-0.544 χ^2/NDF: 372738.7/39

- sign 5045.409+/-0.668 χ^2/NDF: 30814.9/19

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

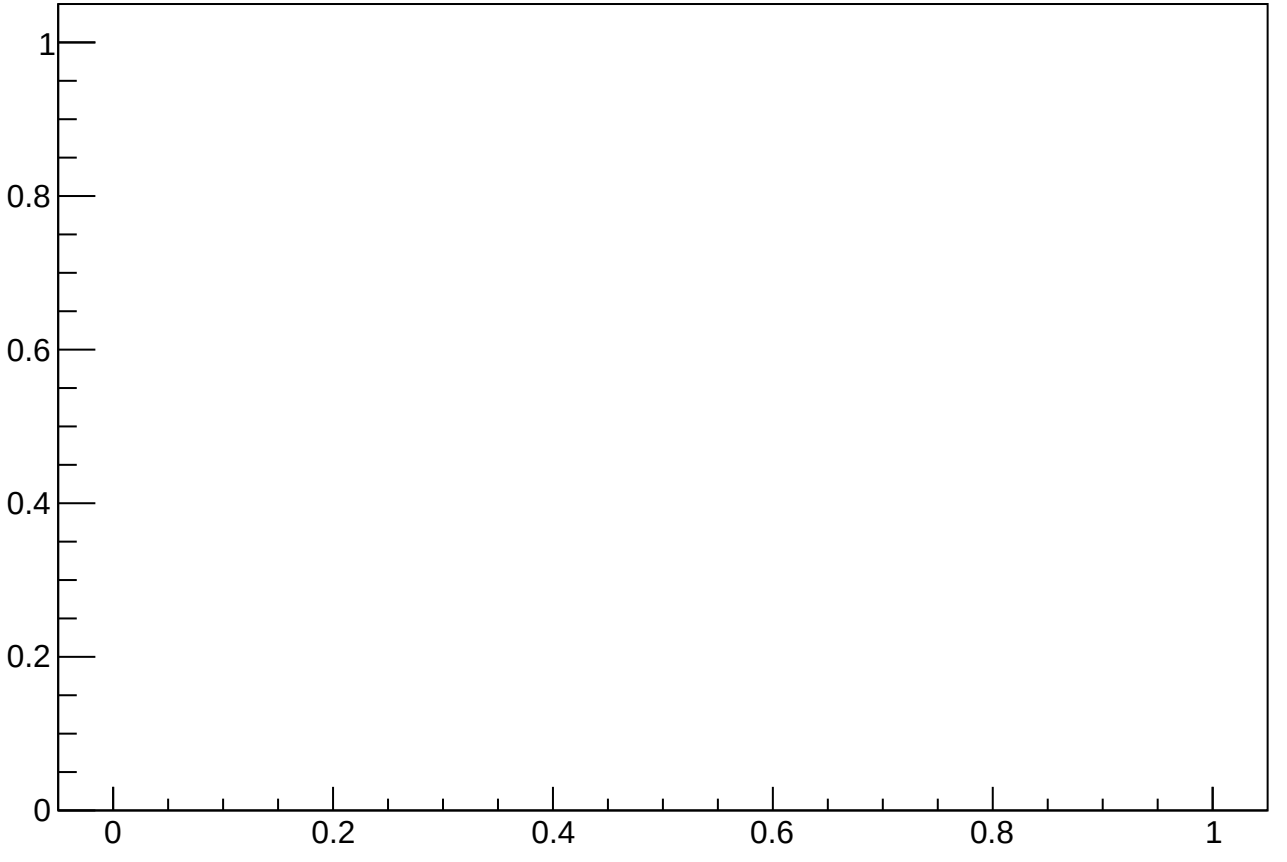
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

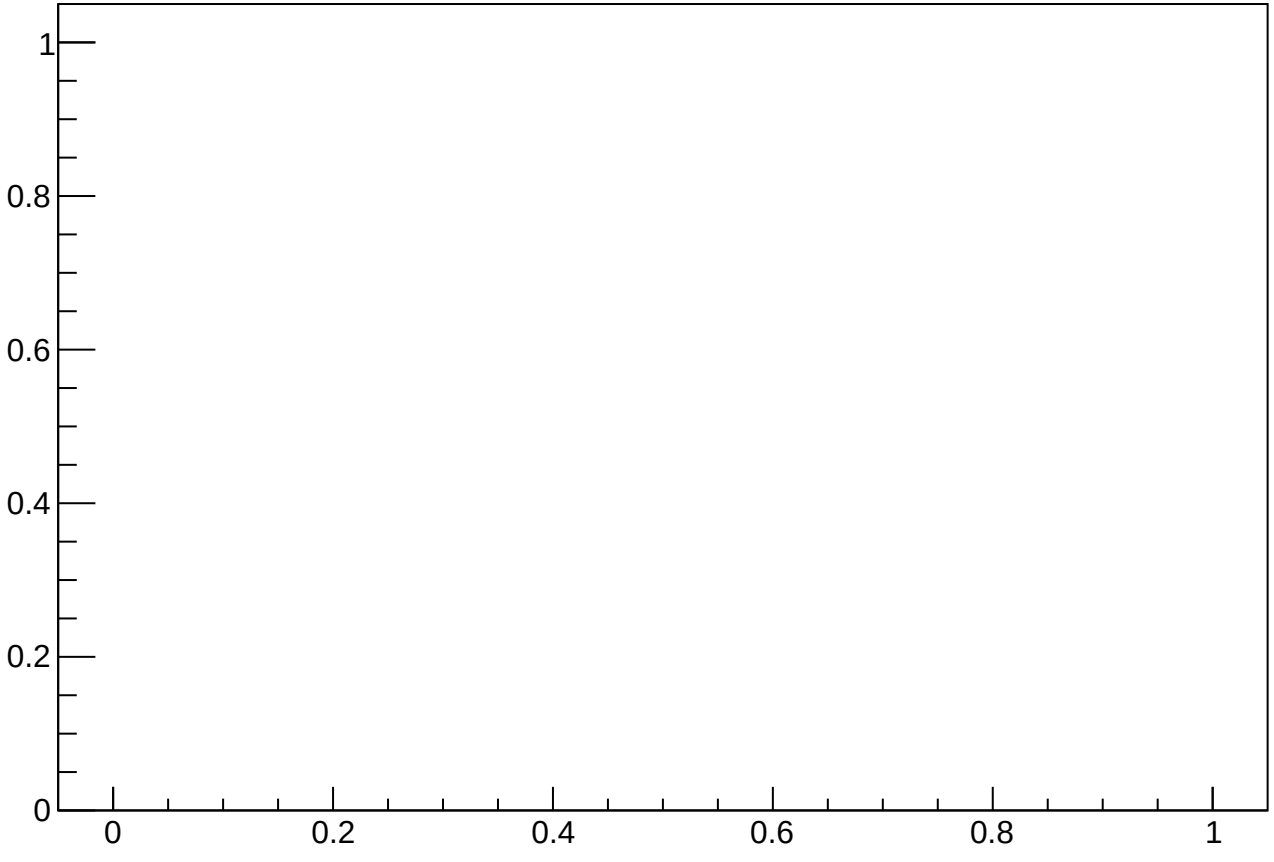
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

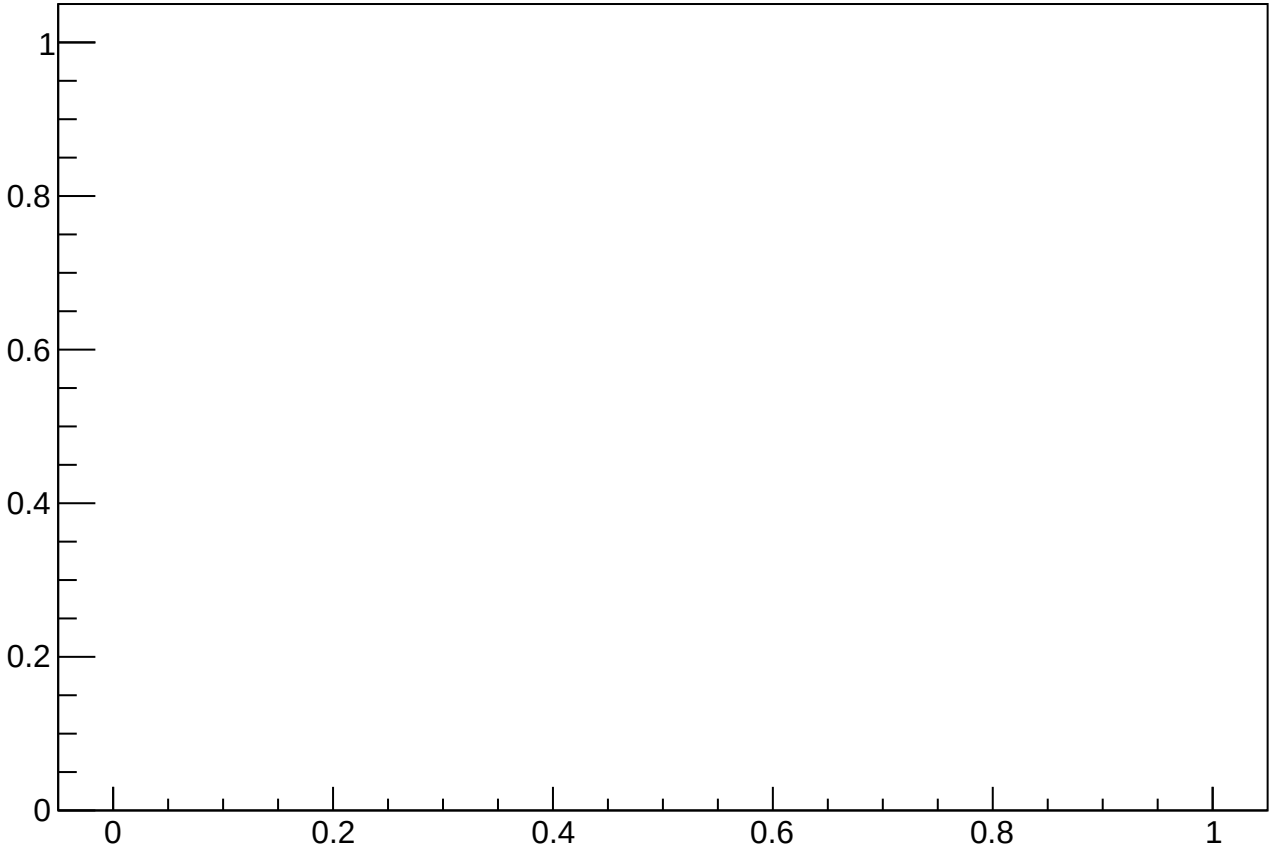
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

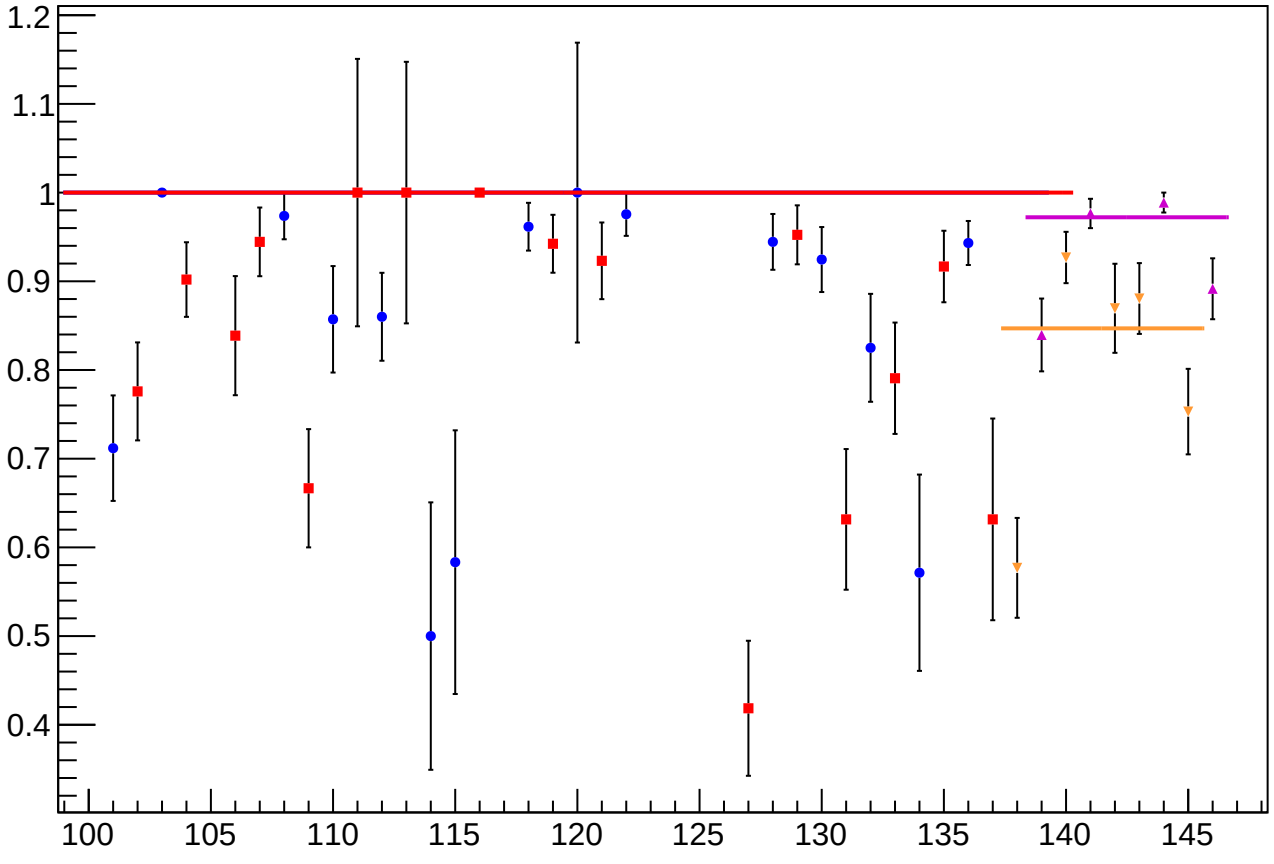
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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: 0.847+/-0.018 χ^2/NDF:35.3/4

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

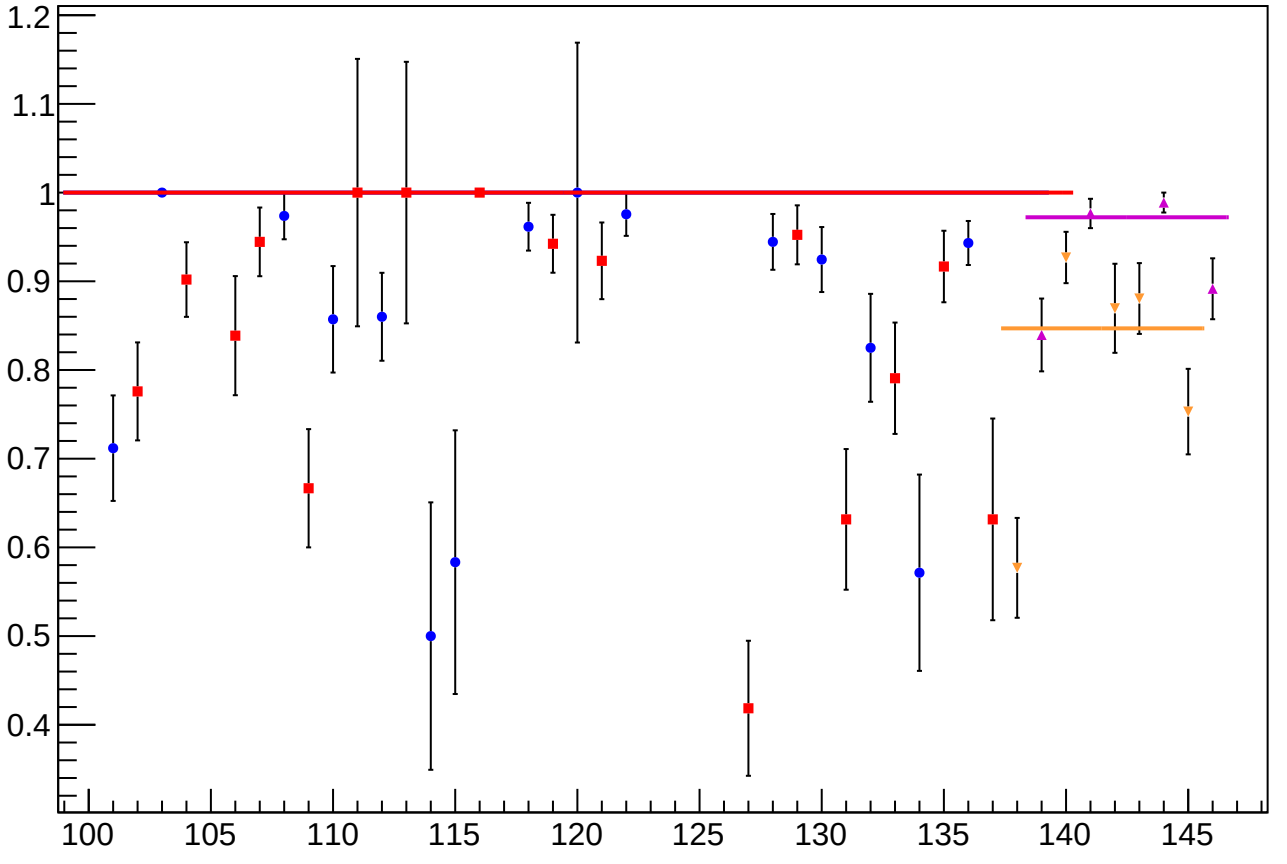
Left In: 0.972+/-0.009 χ^2/NDF:18.2/3

+ sign 1.000+/-0.000 χ^2/NDF: 200.7/19

All: 1.000+/-0.000 χ^2/NDF: 480.8/39

- sign 1.000+/-0.000 χ^2/NDF: 197.2/19

dit_flag_rms vs Slug



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.847+/-0.018 χ^2/NDF:35.3/4

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

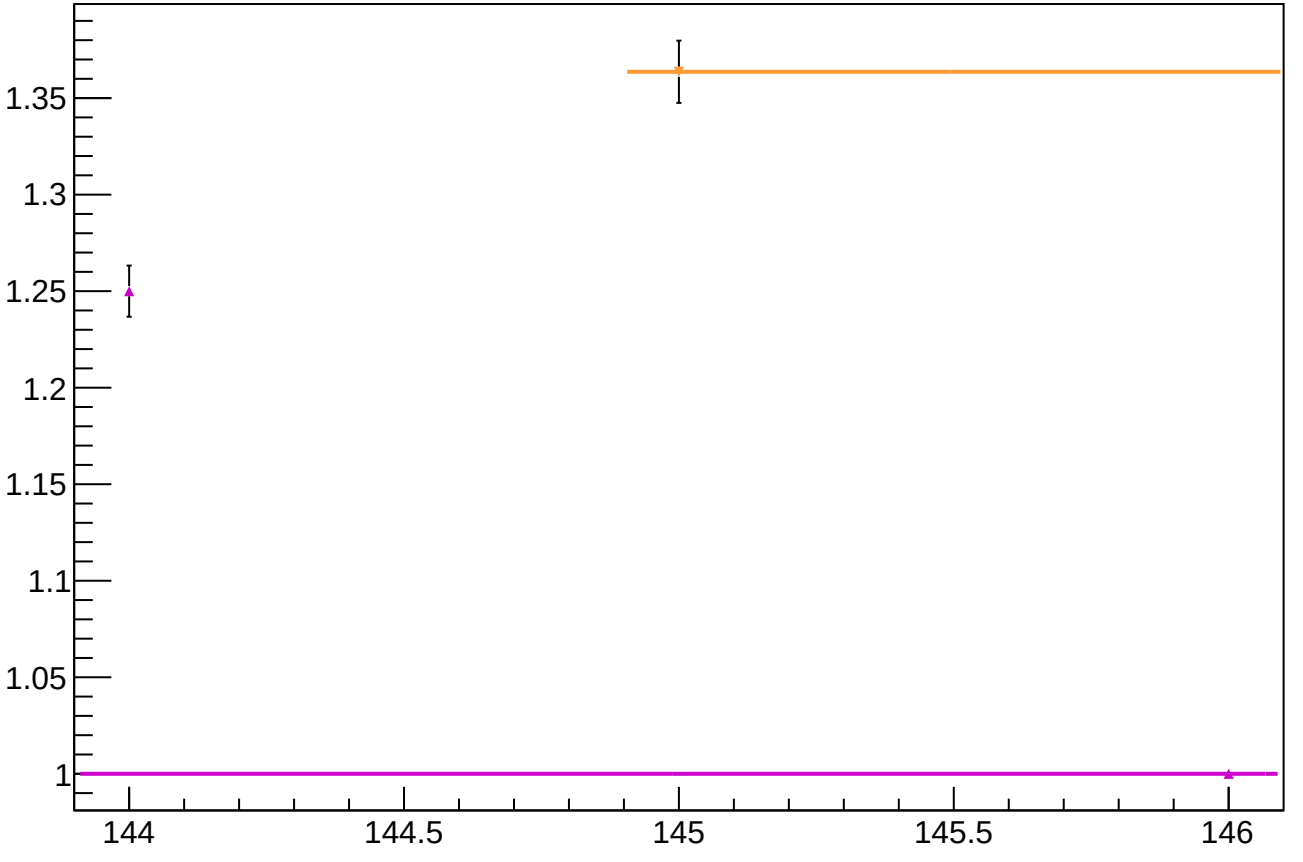
Left In: 0.972+/-0.009 χ^2/NDF:18.2/3

+ sign 1.000+/-0.000 χ^2/NDF: 200.7/19

All: 1.000+/-0.000 χ^2/NDF: 480.8/39

- sign 1.000+/-0.000 χ^2/NDF: 197.2/19

dit_segment_slope vs Slug



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

Left Out: 1.364+/-0.016 χ^2/NDF:0.0/0

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

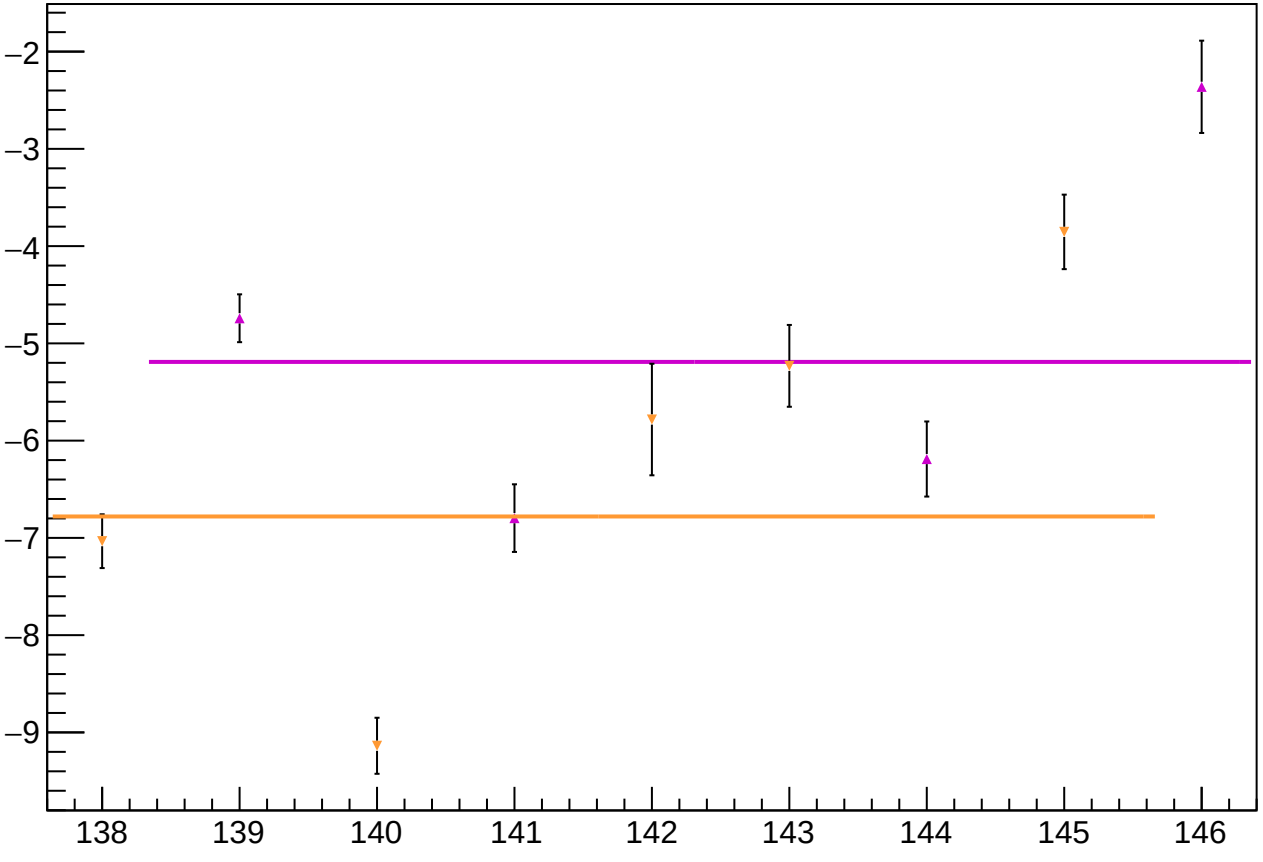
Left In: 1.000+/-0.000 χ^2/NDF:356.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.000+/-0.000 χ^2/NDF: 865.1/2

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -6.780+/-0.157 χ^2/NDF:142.7/4

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

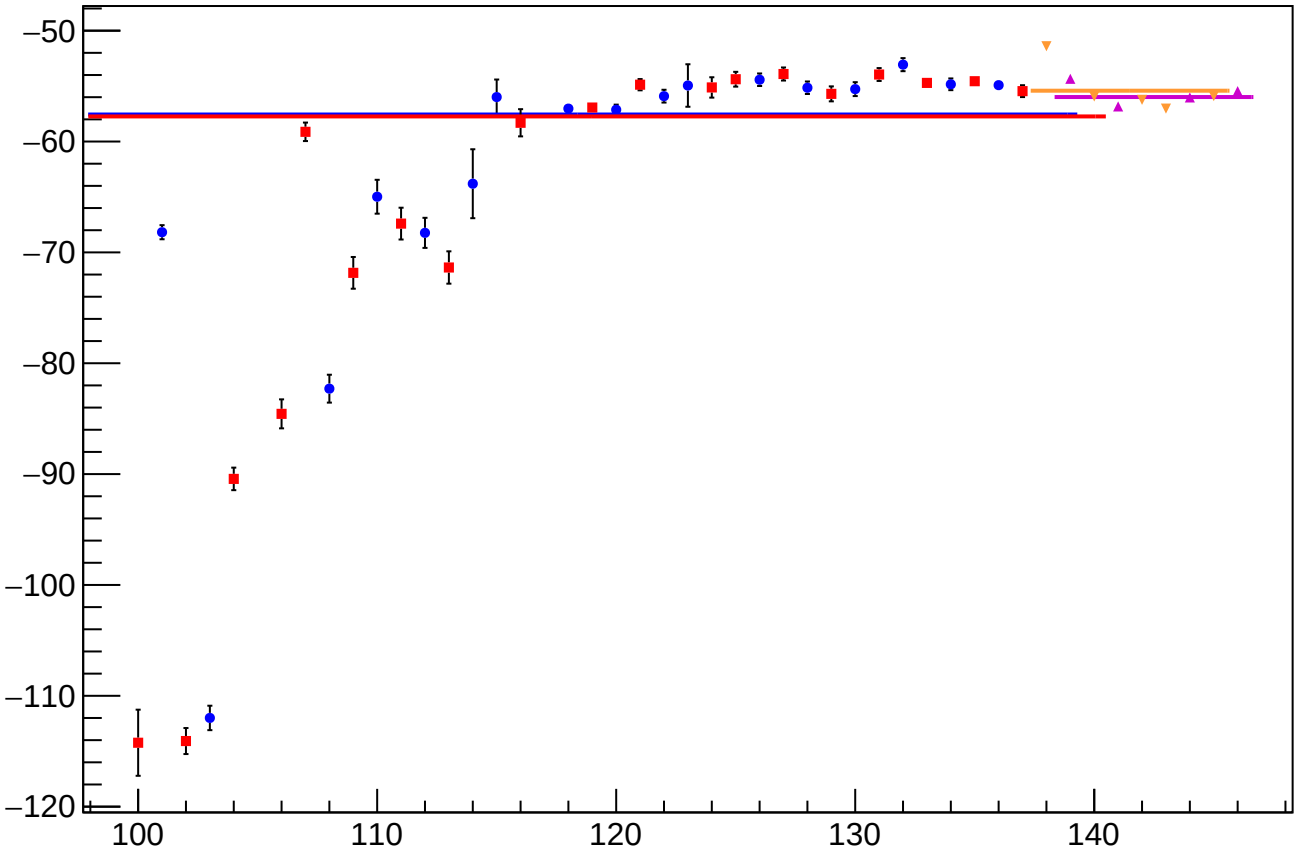
Left In: -5.191+/-0.167 χ^2/NDF:66.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.034+/-0.114 χ^2/NDF: 257.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -55.415+/-0.134 χ^2/NDF:197.1/4

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

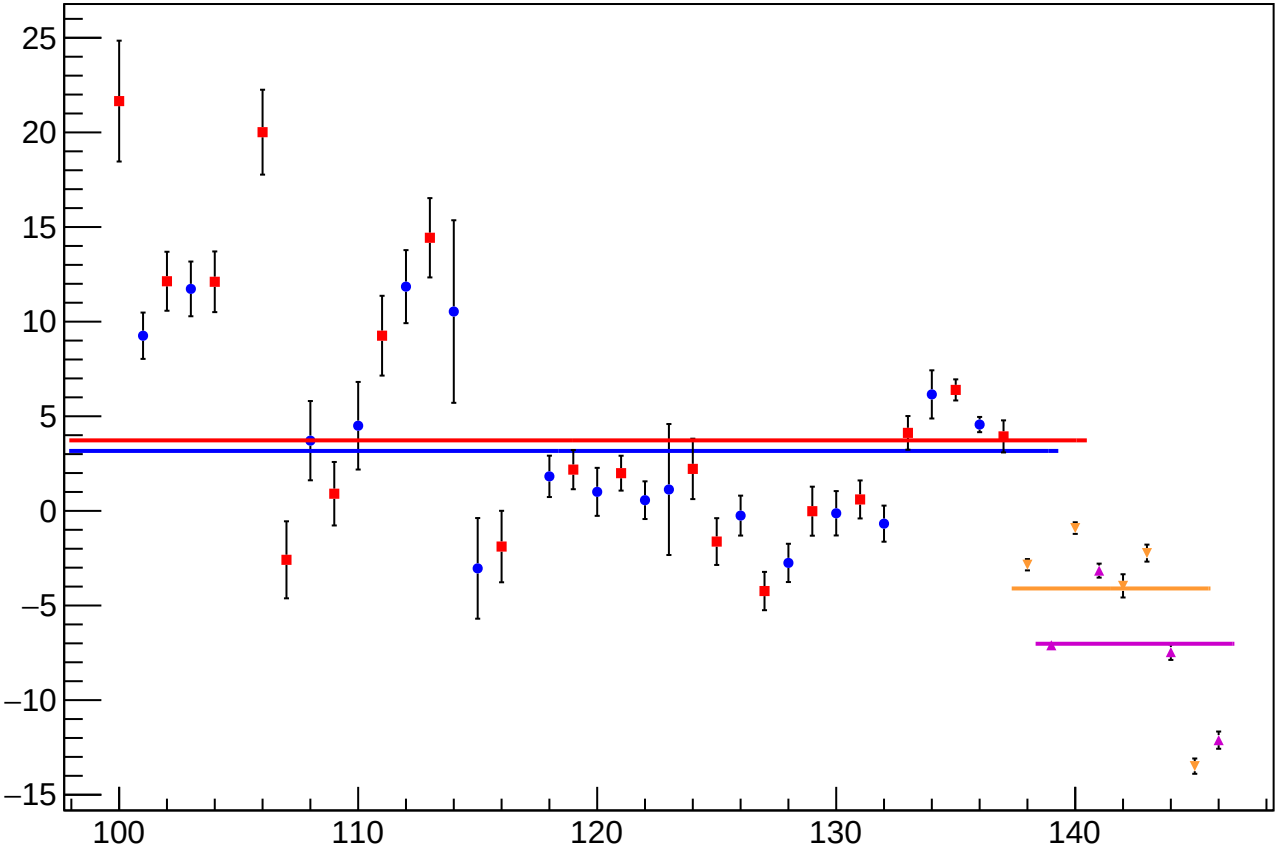
Left In: -55.987+/-0.150 χ^2/NDF:28.1/3

+ sign -56.431+/-0.097 χ^2/NDF: 3774.6/21

All: -56.653+/-0.071 χ^2/NDF: 8583.4/44

- sign -56.904+/-0.104 χ^2/NDF: 4797.7/22

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -4.100+/-0.168 χ^2/NDF:681.8/4

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

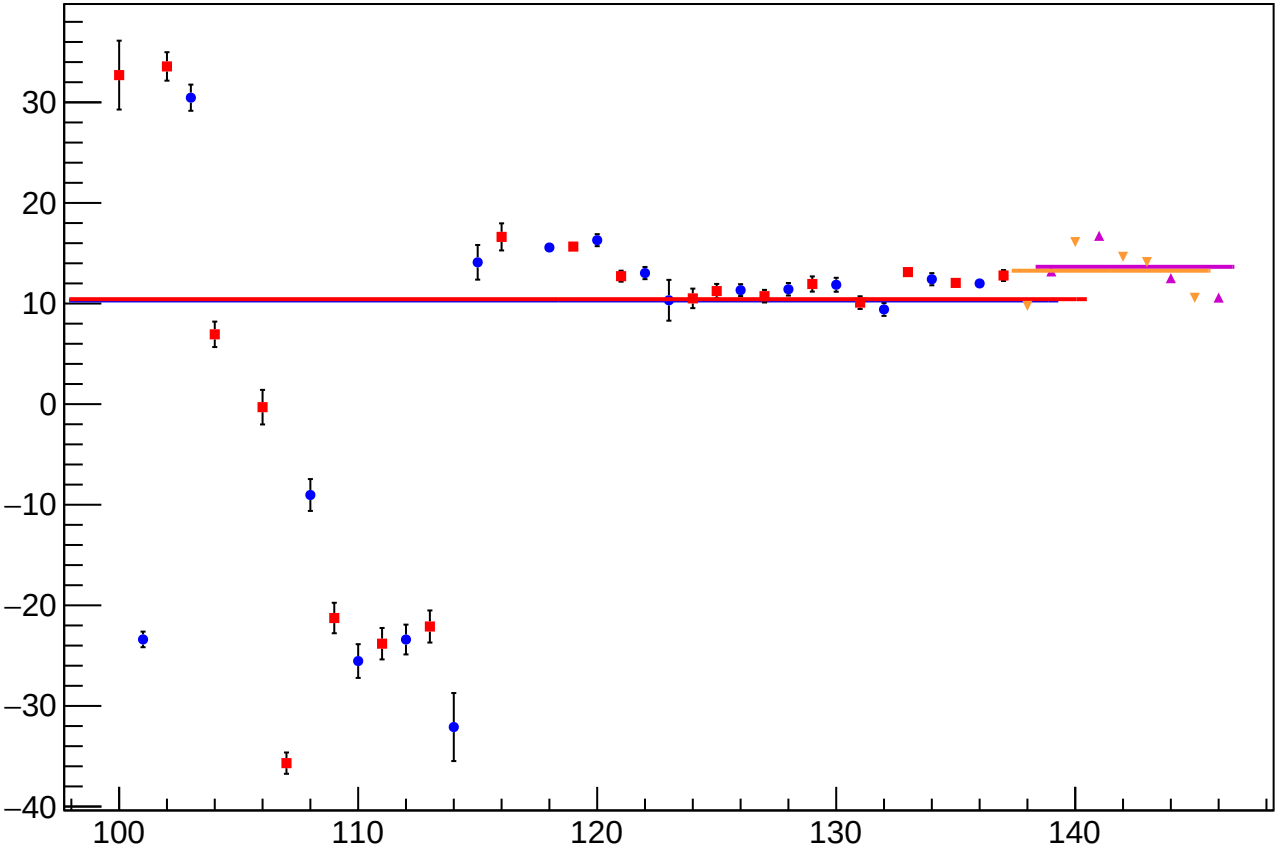
Left In: -7.021+/-0.177 χ^2/NDF:235.4/3

+ sign -1.933+/-0.141 χ^2/NDF: 1426.1/21

All: -2.802+/-0.102 χ^2/NDF: 3191.8/44

- sign -3.755+/-0.147 χ^2/NDF: 1685.7/22

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 13.263+/-0.157 χ^2/NDF:264.9/4

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

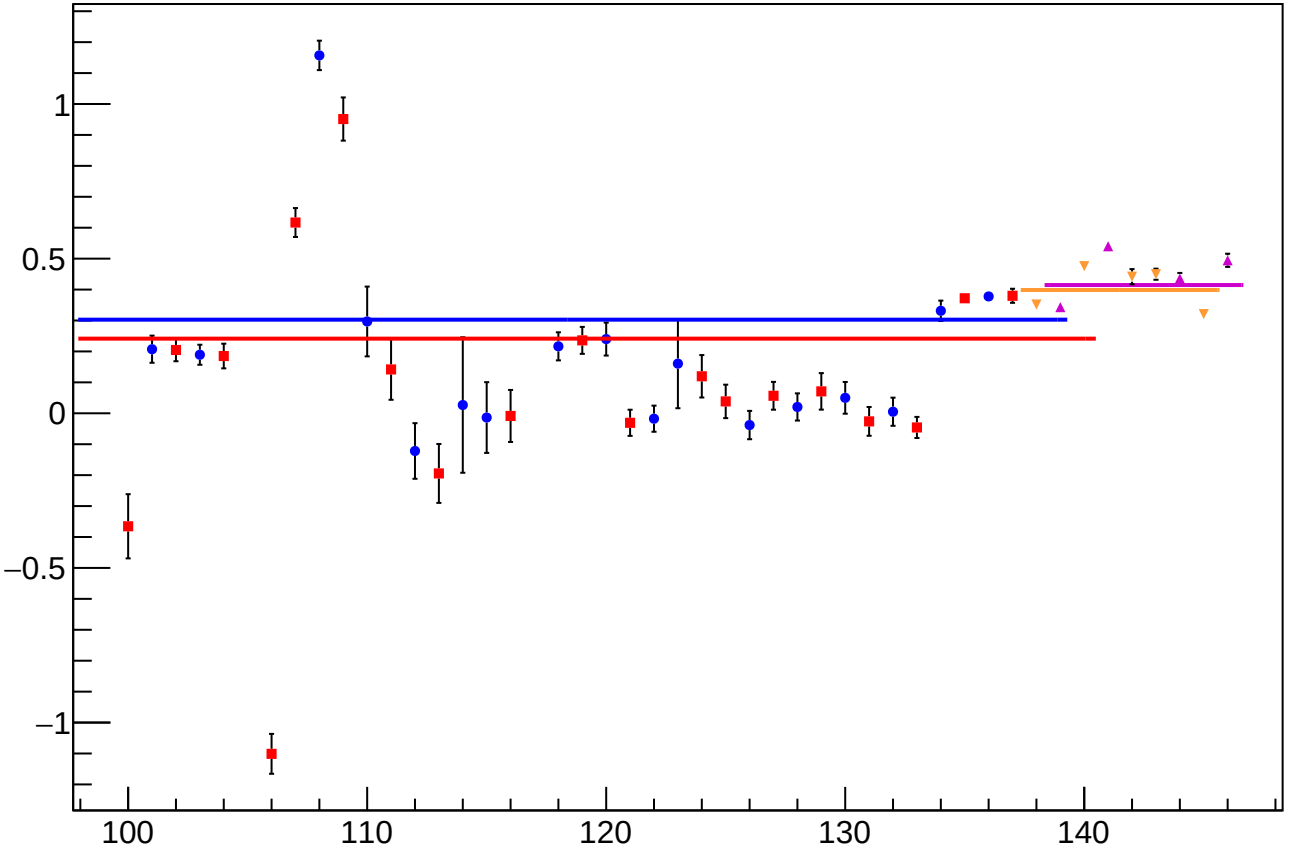
Left In: 13.650+/-0.175 χ^2/NDF:183.3/3

+ sign 11.786+/-0.111 χ^2/NDF: 4155.2/21

All: 11.839+/-0.081 χ^2/NDF: 8352.1/44

- sign 11.900+/-0.118 χ^2/NDF: 4196.4/22

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.399+/-0.007 χ^2/NDF:85.6/4

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

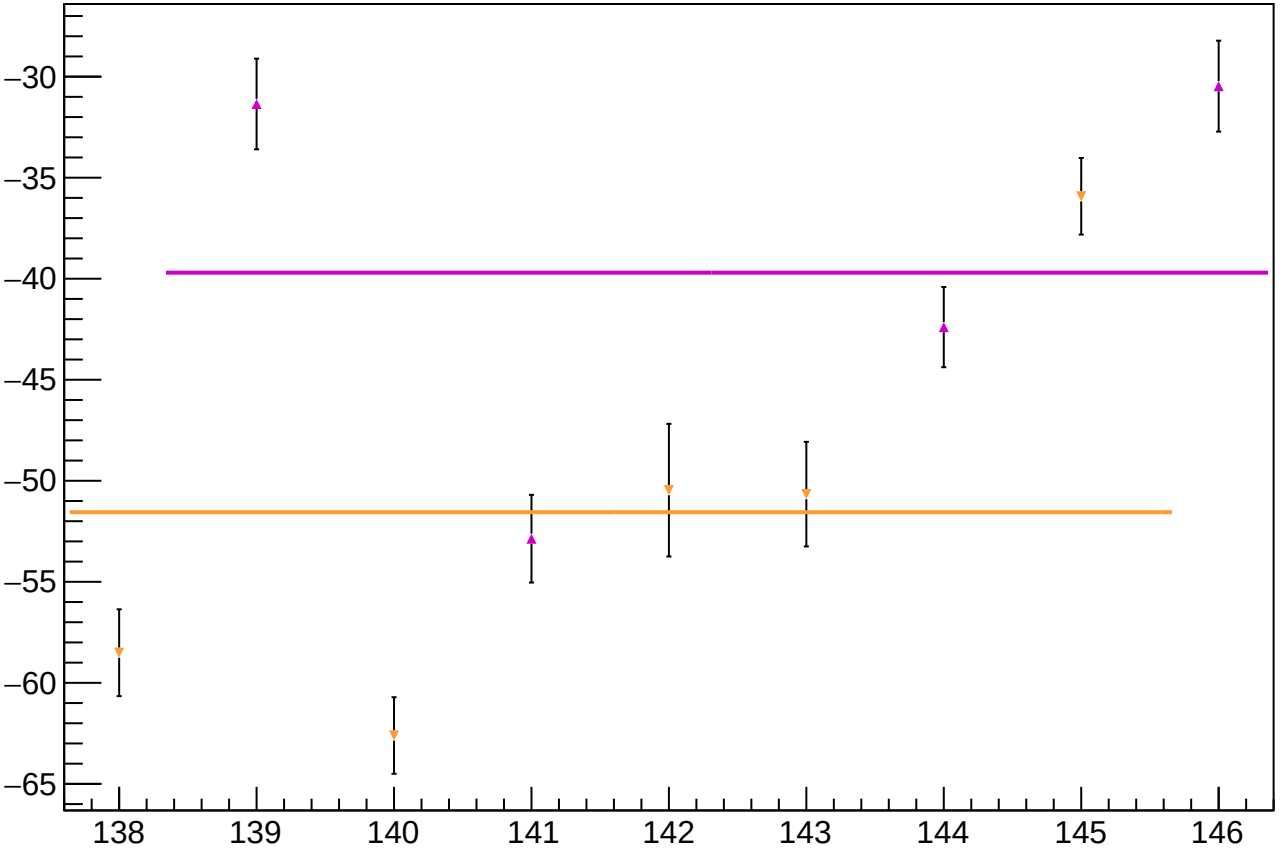
Left In: 0.415+/-0.007 χ^2/NDF:144.5/3

+ sign 0.360+/-0.005 χ^2/NDF: 813.7/21

All: 0.353+/-0.004 χ^2/NDF: 2199.9/44

- sign 0.346+/-0.005 χ^2/NDF: 1382.7/22

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -51.554+/-0.992 χ^2/NDF:112.7/4

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

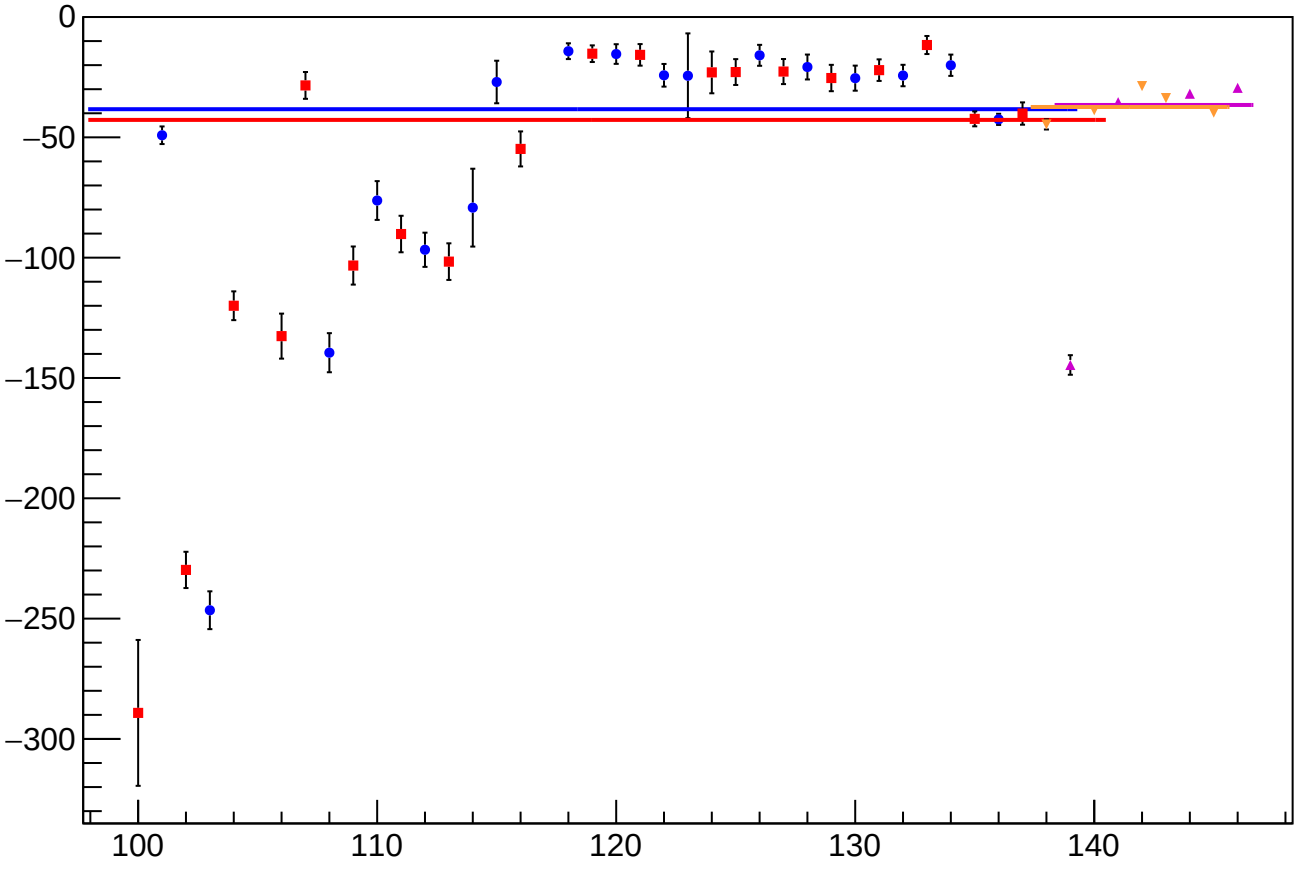
Left In: -39.700+/-1.077 χ^2/NDF:69.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -46.110+/-0.730 χ^2/NDF: 247.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -37.389+/-0.786 χ^2/NDF:36.9/4

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

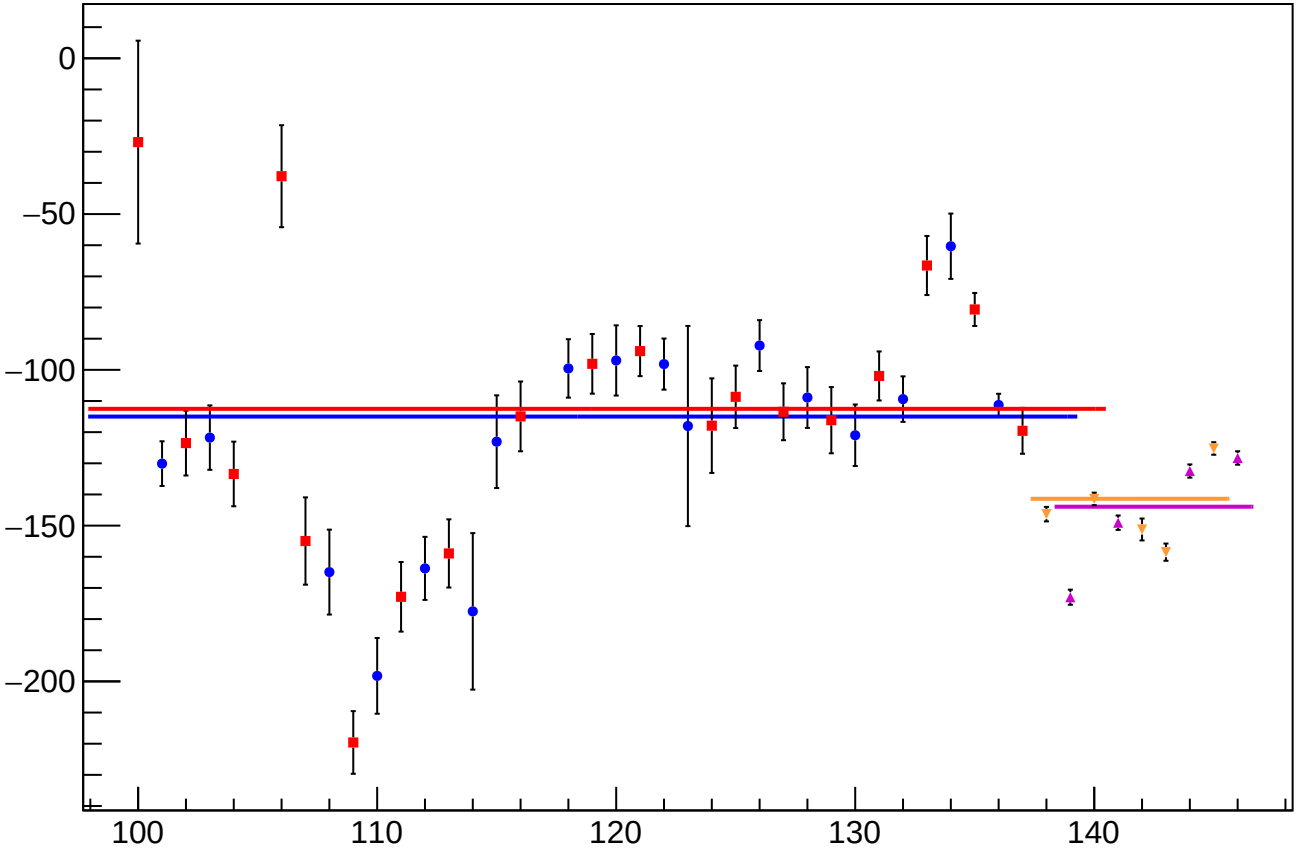
Left In: -36.549+/-0.817 χ^2/NDF:742.1/3

+ sign -37.686+/-0.646 χ^2/NDF: 1170.0/21

All: -38.070+/-0.468 χ^2/NDF: 3272.5/44

- sign -38.492+/-0.677 χ^2/NDF: 2101.8/22

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -141.384+/-1.061 χ^2/NDF:114.9/4

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

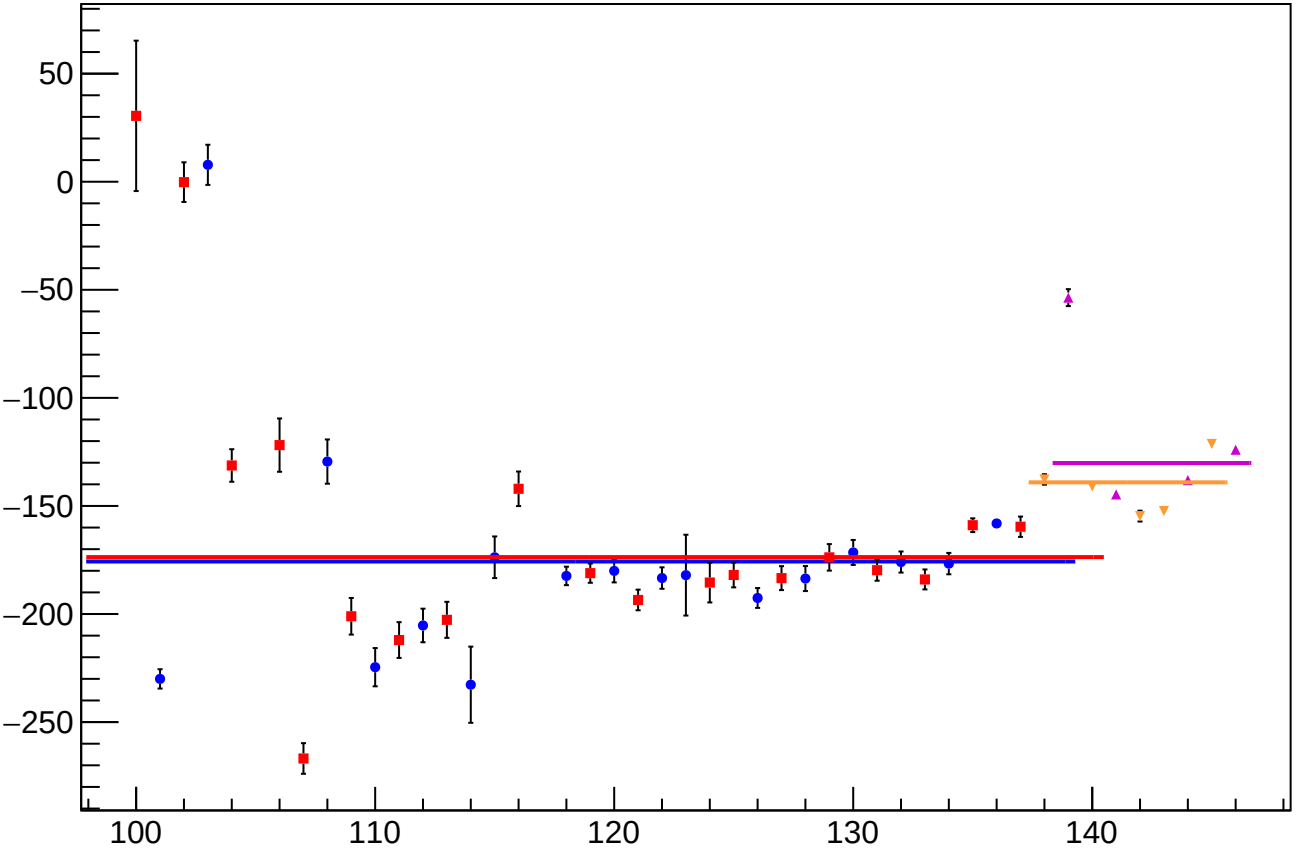
Left In: -143.930+/-1.123 χ^2/NDF:229.6/3

+ sign -135.900+/-0.945 χ^2/NDF: 385.1/21

All: -136.639+/-0.687 χ^2/NDF: 1050.2/44

- sign -137.469+/-1.001 χ^2/NDF: 663.8/22

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -139.072+/-0.931 χ^2/NDF:180.2/4

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

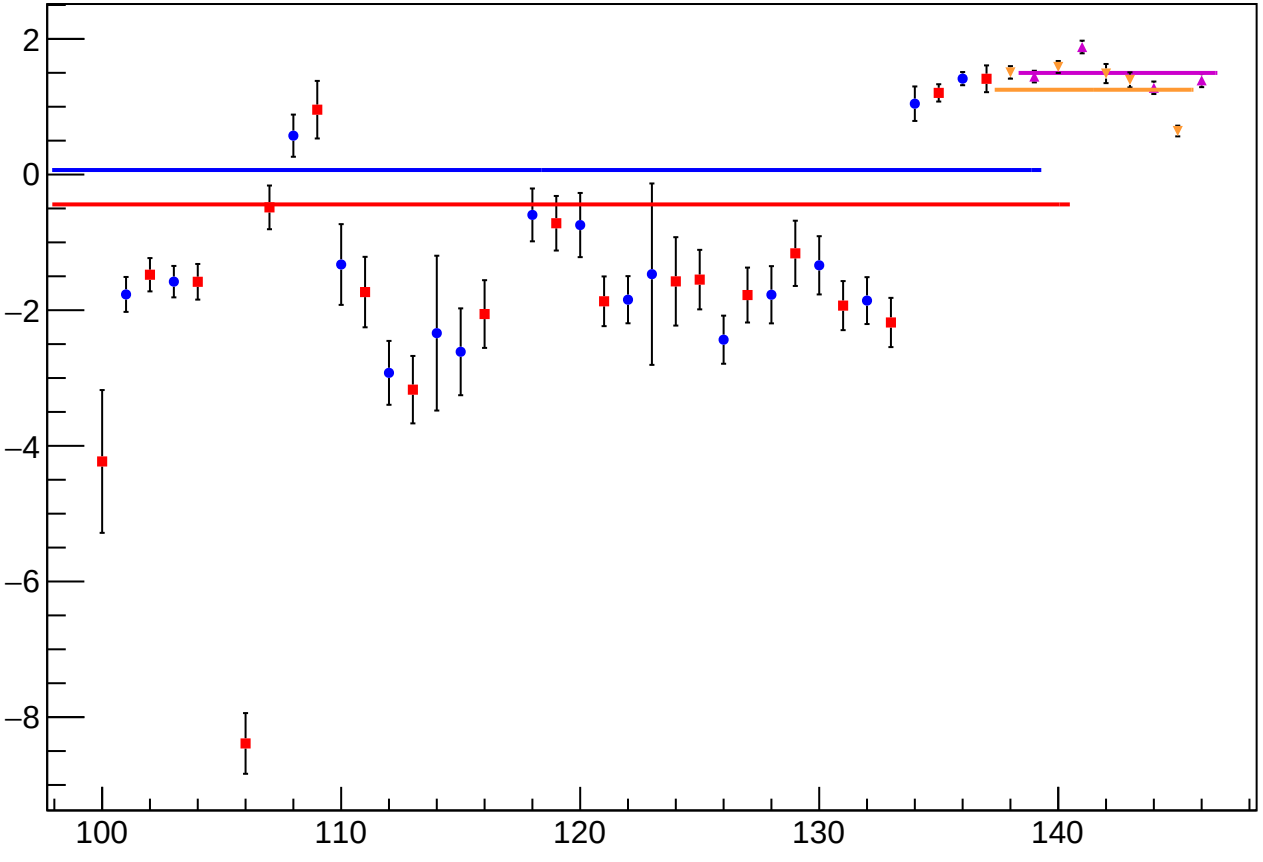
Left In: -130.138+/-0.982 χ^2/NDF:476.3/3

+ sign -151.898+/-0.750 χ^2/NDF: 1415.5/21

All: -148.701+/-0.546 χ^2/NDF: 3344.3/44

- sign -145.110+/-0.795 χ^2/NDF: 1890.2/22

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.250+/-0.043 χ^2/NDF:86.1/4

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

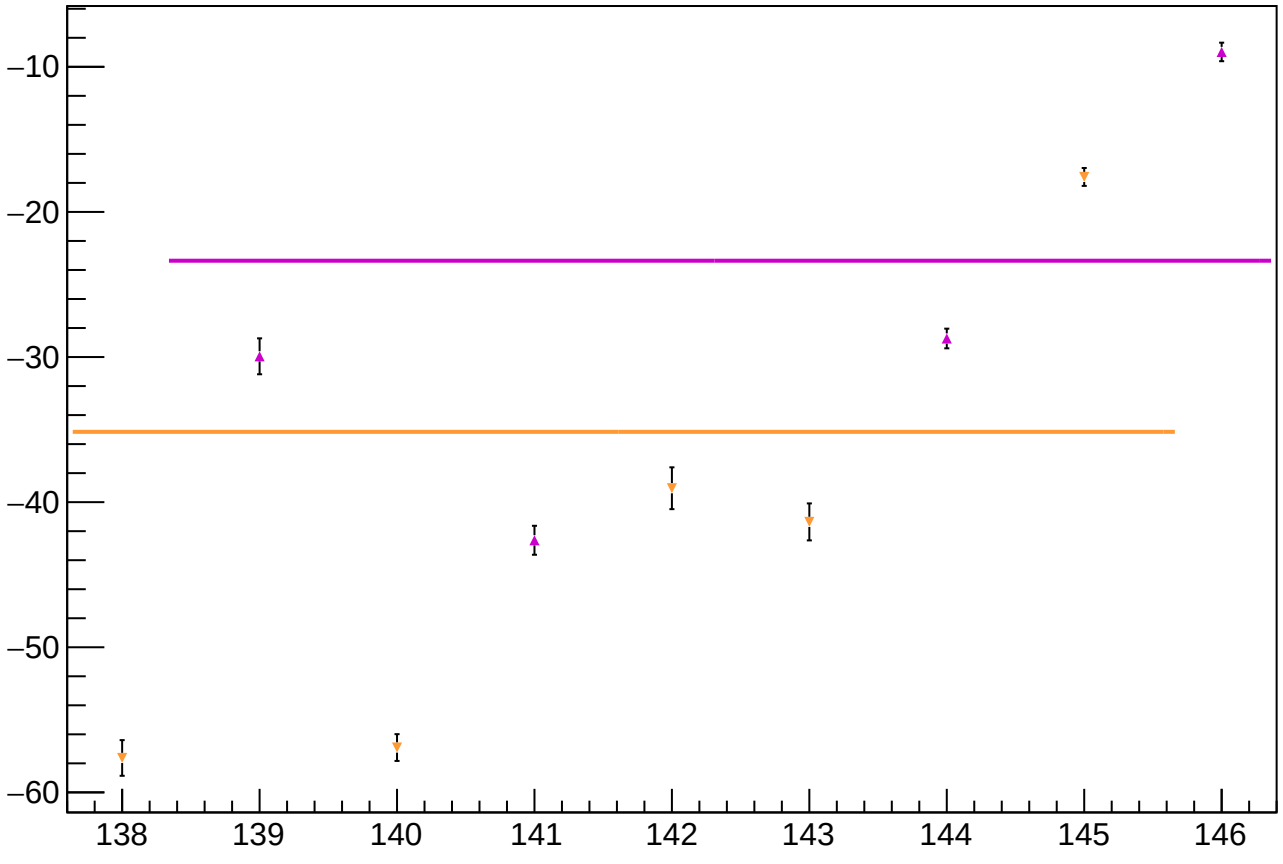
Left In: 1.498+/-0.046 χ^2/NDF:24.0/3

+ sign 0.904+/-0.036 χ^2/NDF: 833.0/21

All: 0.912+/-0.026 χ^2/NDF: 2134.4/44

- sign 0.922+/-0.039 χ^2/NDF: 1301.2/22

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -35.154+/-0.424 χ^2/NDF:1731.3/4

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

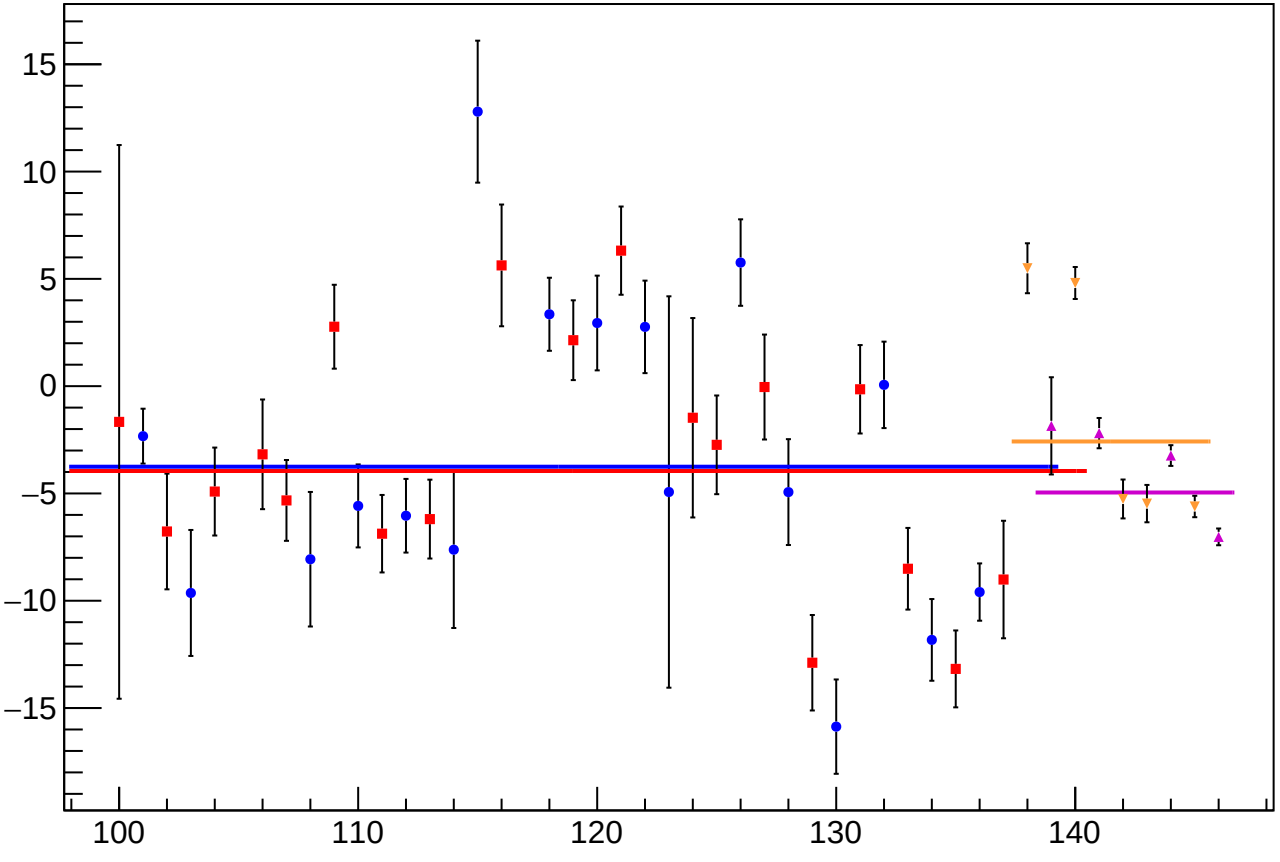
Left In: -23.361+/-0.399 χ^2/NDF:970.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -28.897+/-0.291 χ^2/NDF: 3112.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -2.578+/-0.332 χ^2/NDF:203.0/4

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

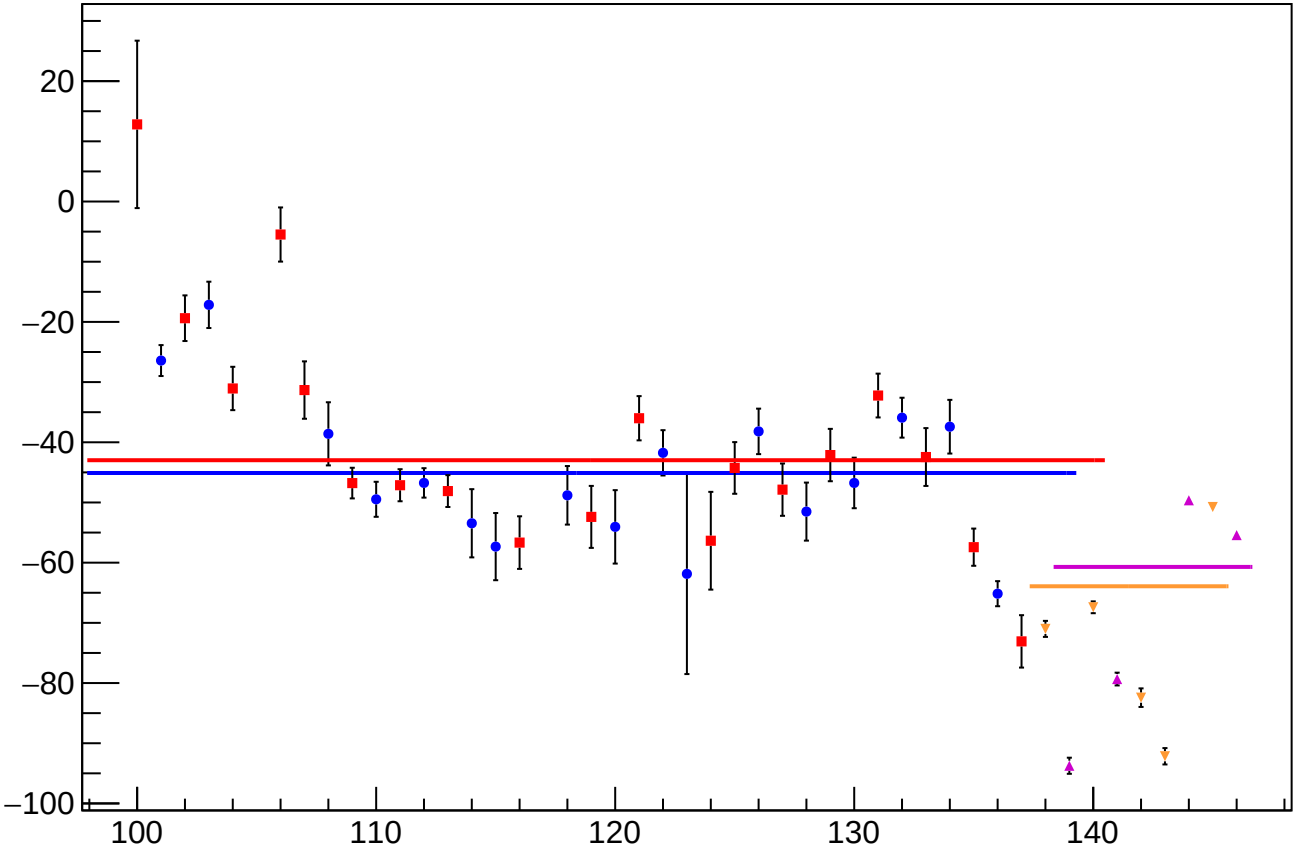
Left In: -4.956+/-0.277 χ^2/NDF:58.0/3

+ sign -2.942+/-0.276 χ^2/NDF: 372.2/21

All: -3.946+/-0.182 χ^2/NDF: 580.1/44

- sign -4.726+/-0.243 χ^2/NDF: 184.4/22

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -63.923+/-0.452 χ^2/NDF:1020.1/4

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

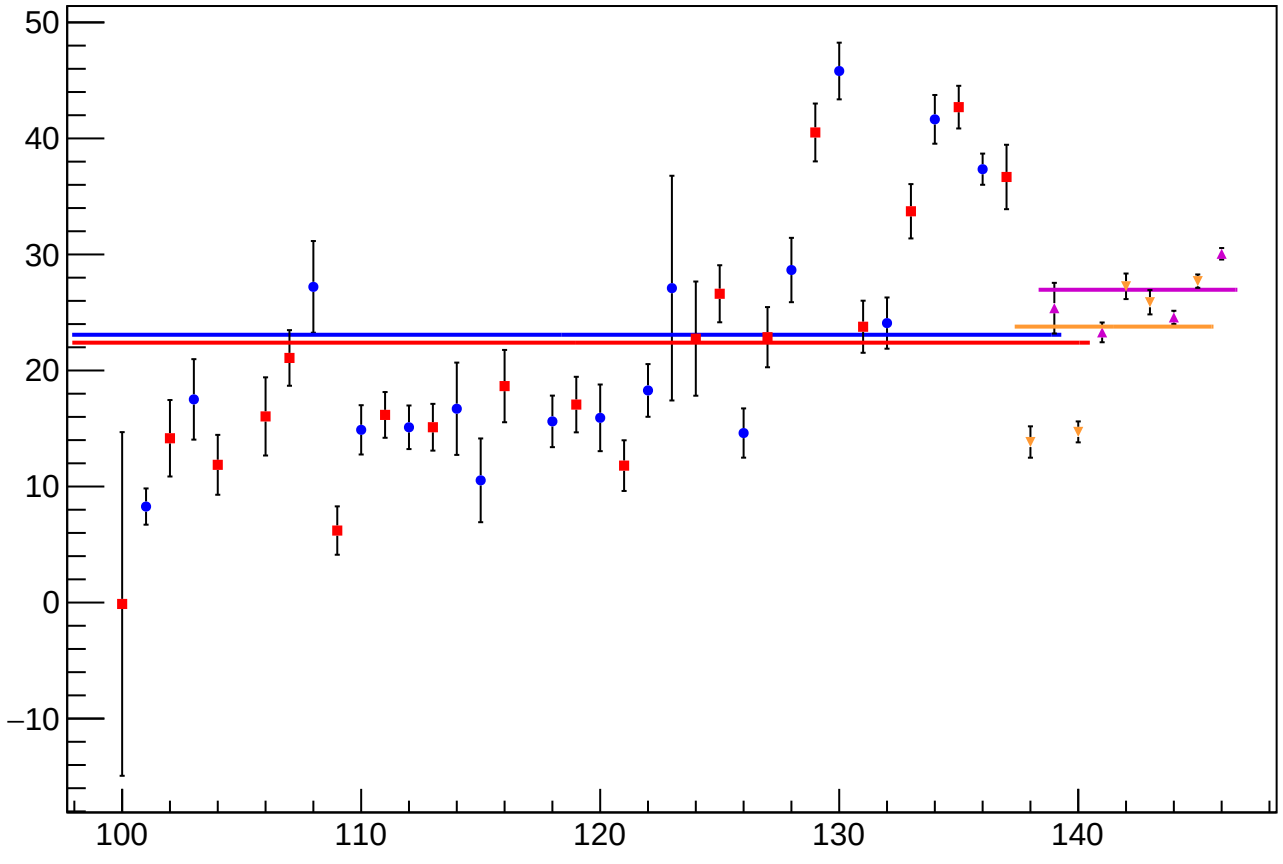
Left In: -60.705+/-0.408 χ^2/NDF:1223.8/3

+ sign -59.996+/-0.402 χ^2/NDF: 1611.3/21

All: -58.671+/-0.272 χ^2/NDF: 3439.4/44

- sign -57.548+/-0.370 χ^2/NDF: 1808.1/22

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 23.782+/-0.392 χ^2/NDF:215.4/4

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

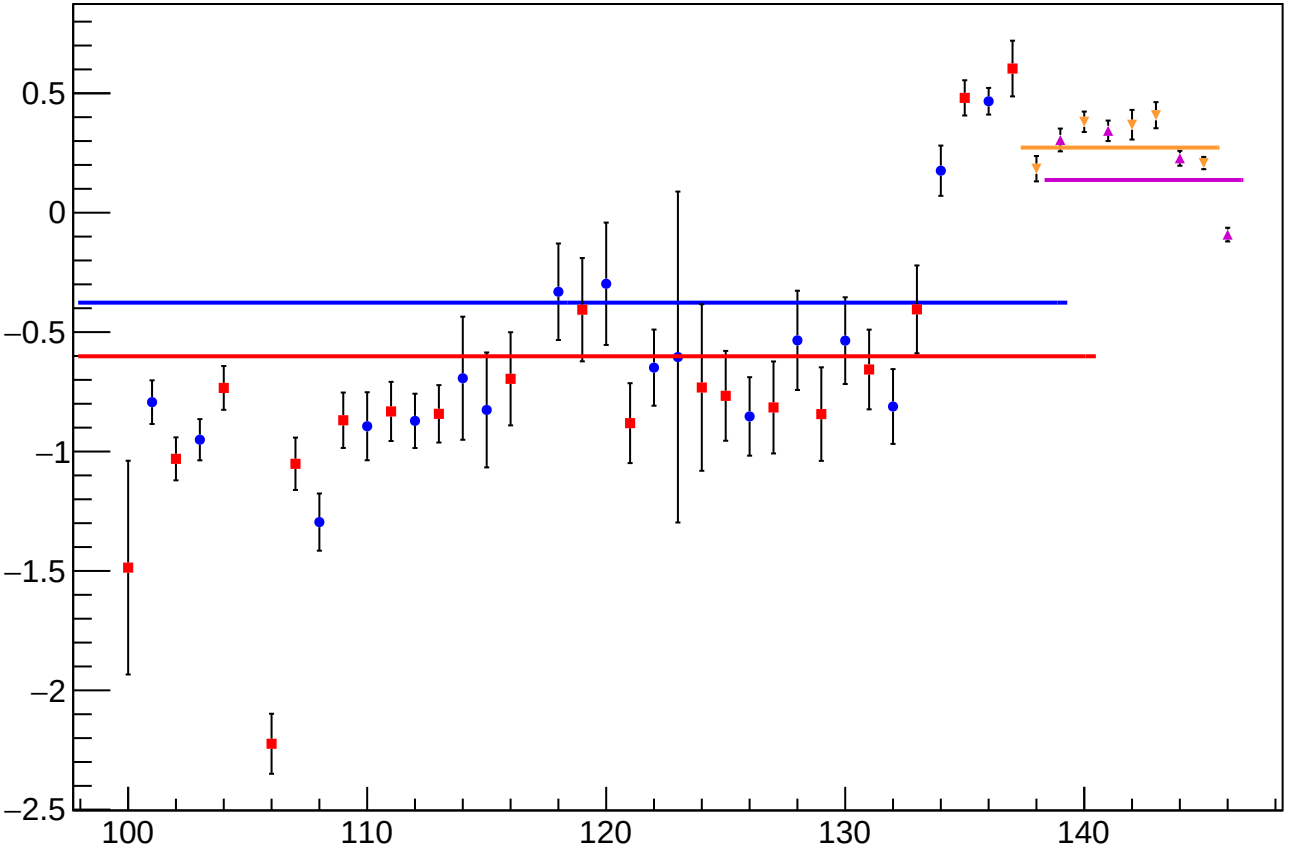
Left In: 26.958+/-0.339 χ^2/NDF:75.7/3

+ sign 23.549+/-0.320 χ^2/NDF: 677.6/21

All: 24.766+/-0.216 χ^2/NDF: 1197.0/44

- sign 25.775+/-0.291 χ^2/NDF: 493.0/22

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.273+/-0.018 χ^2/NDF:24.0/4

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

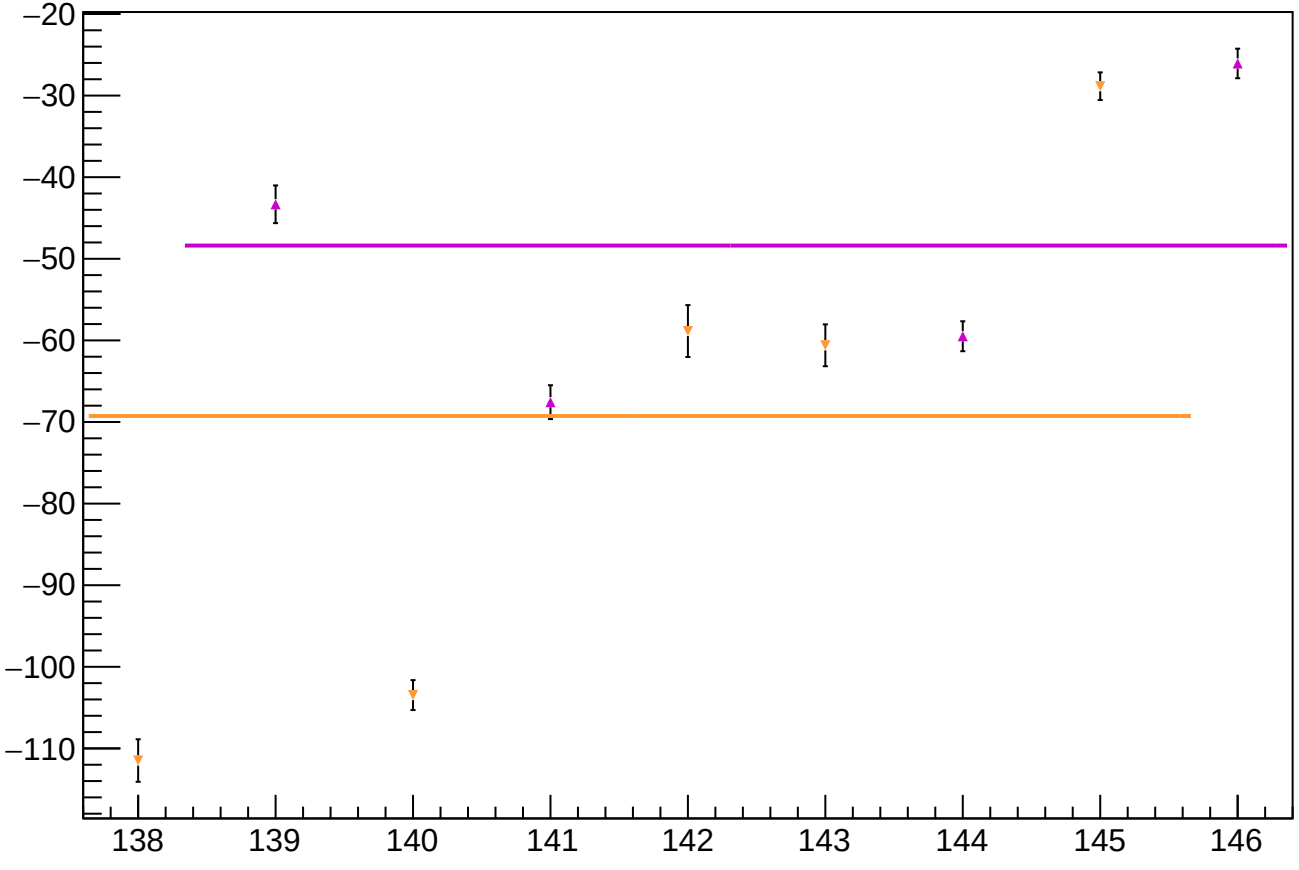
Left In: 0.137+/-0.018 χ^2/NDF:107.5/3

+ sign 0.098+/-0.016 χ^2/NDF: 802.0/21

All: 0.022+/-0.011 χ^2/NDF: 1958.0/44

- sign -0.051+/-0.015 χ^2/NDF: 1109.5/22

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -69.264+/-0.979 χ^2/NDF:1201.5/4

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

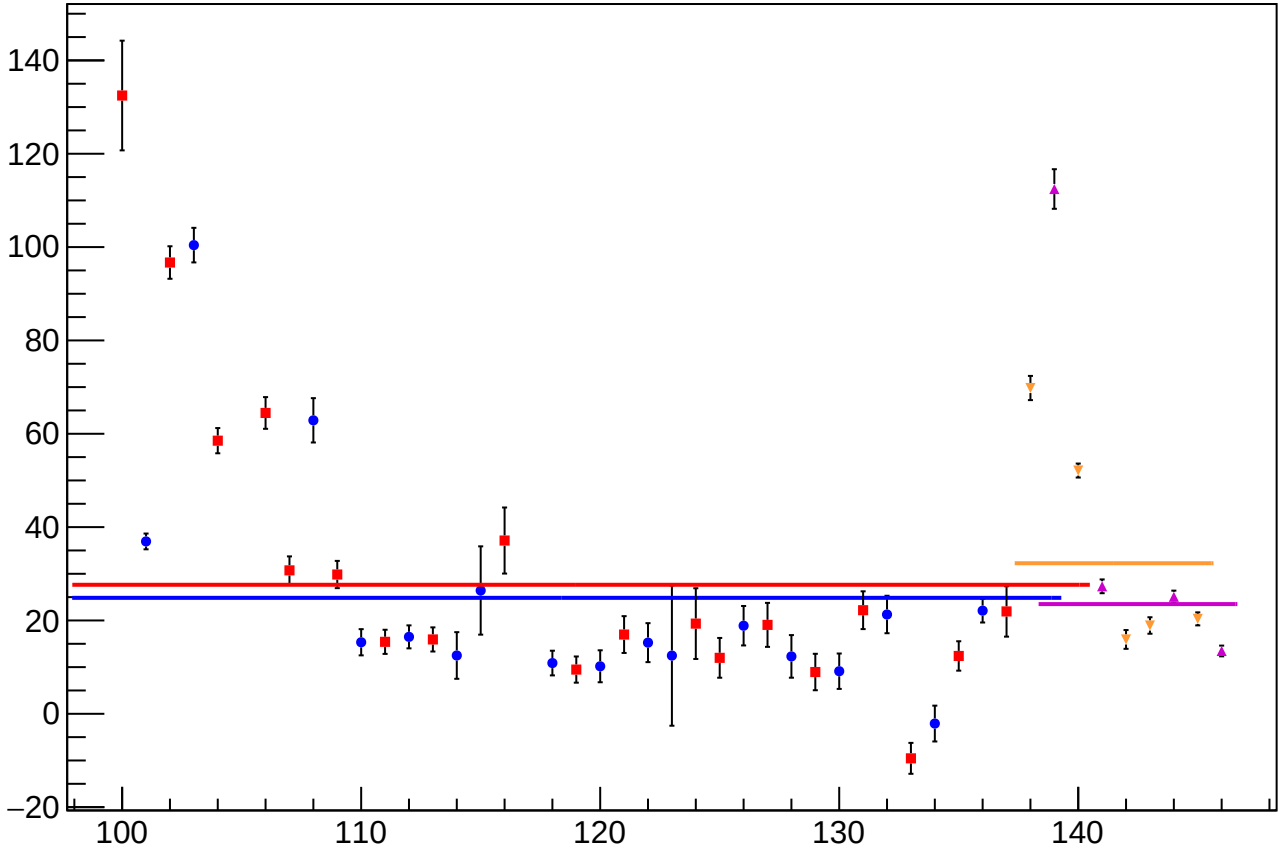
Left In: -48.380+/-0.989 χ^2/NDF:279.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -58.935+/-0.696 χ^2/NDF: 1705.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 32.262+/-0.773 χ^2/NDF:580.9/4

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

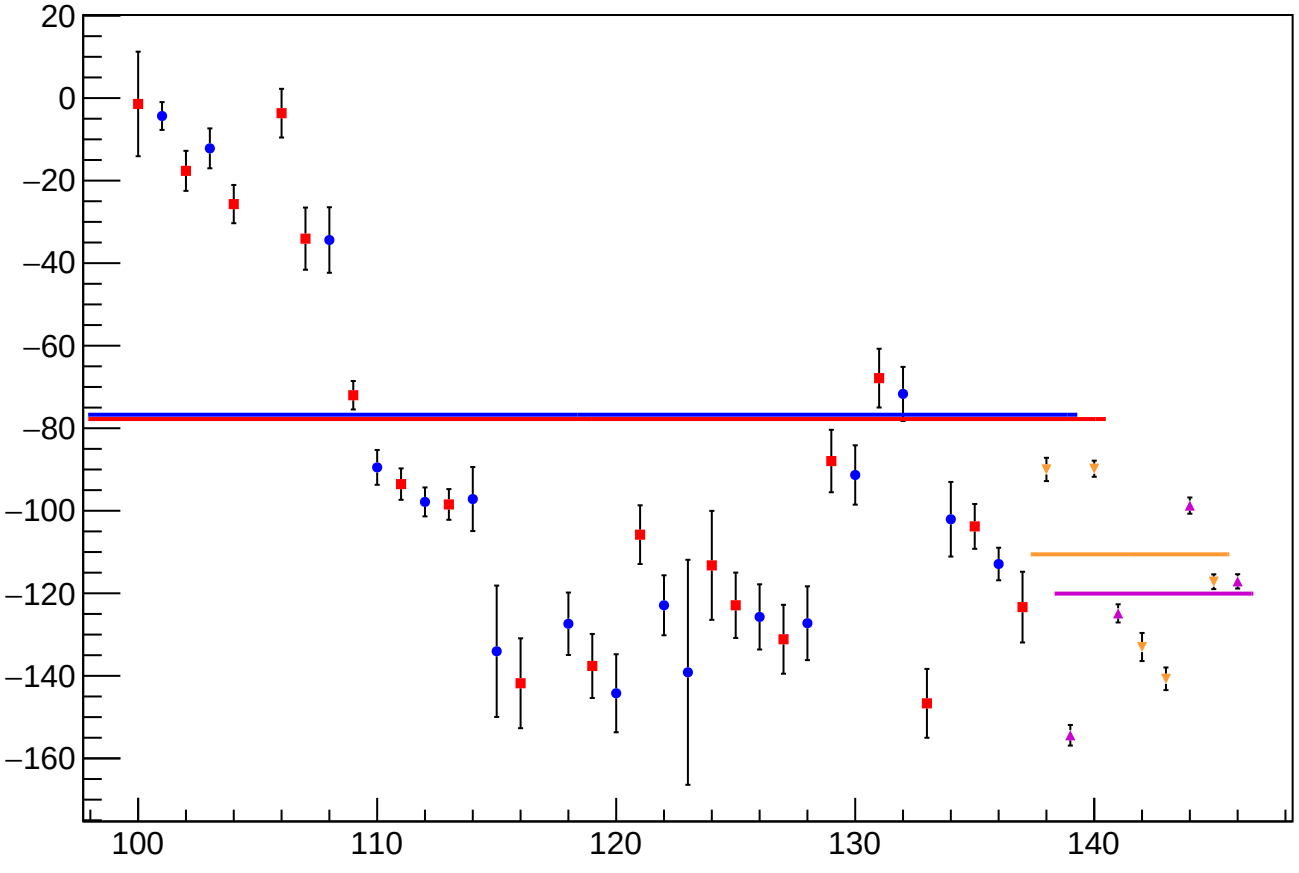
Left In: 23.509+/-0.735 χ^2/NDF:523.9/3

+ sign 28.686+/-0.556 χ^2/NDF: 1316.1/21

All: 26.997+/-0.389 χ^2/NDF: 2881.5/44

- sign 25.378+/-0.545 χ^2/NDF: 1547.3/22

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -110.556+/-1.043 χ^2/NDF:344.5/4

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

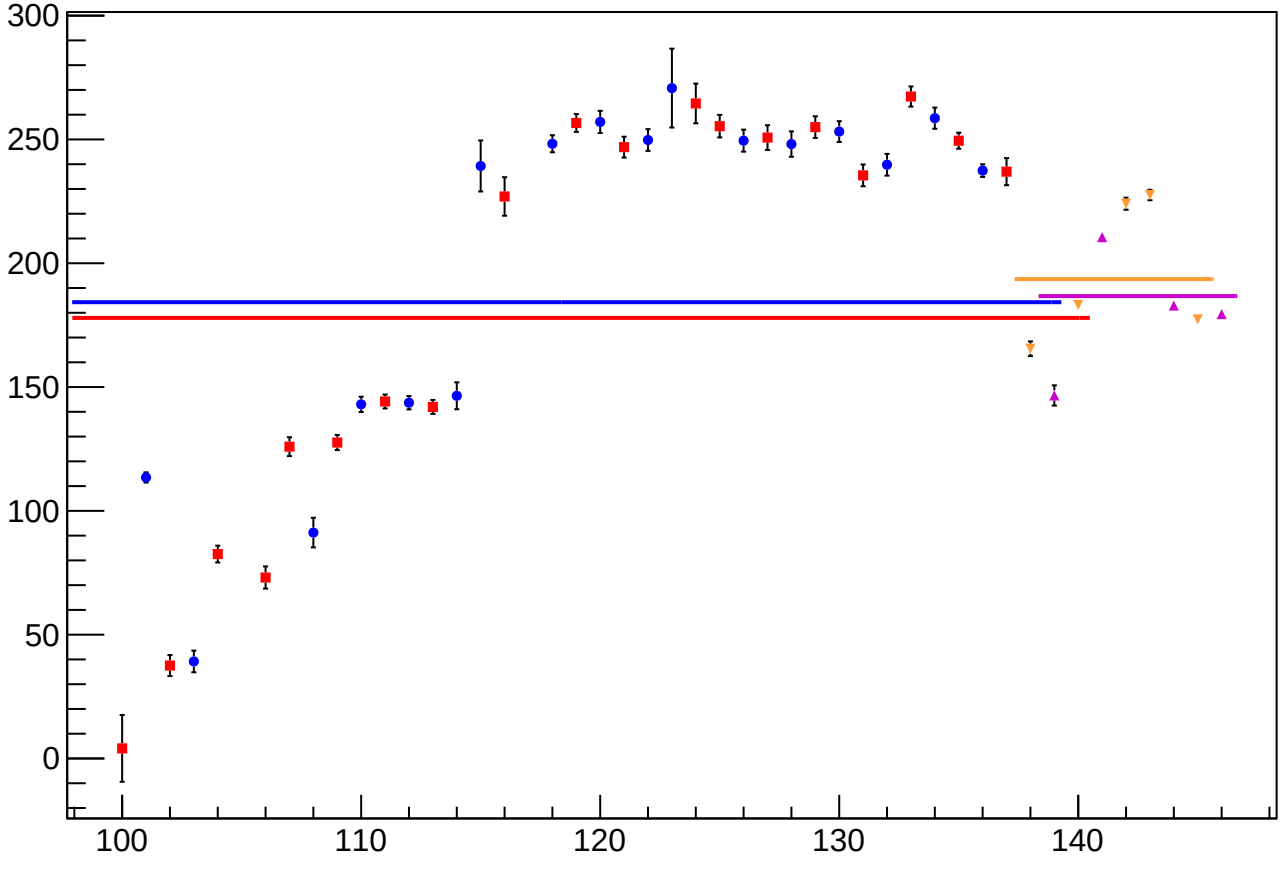
Left In: -120.072+/-1.023 χ^2/NDF:314.3/3

+ sign -98.614+/-0.839 χ^2/NDF: 1757.7/21

All: -101.726+/-0.585 χ^2/NDF: 3592.8/44

- sign -104.670+/-0.816 χ^2/NDF: 1808.3/22

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 193.608+/-0.914 χ^2/NDF:638.2/4

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

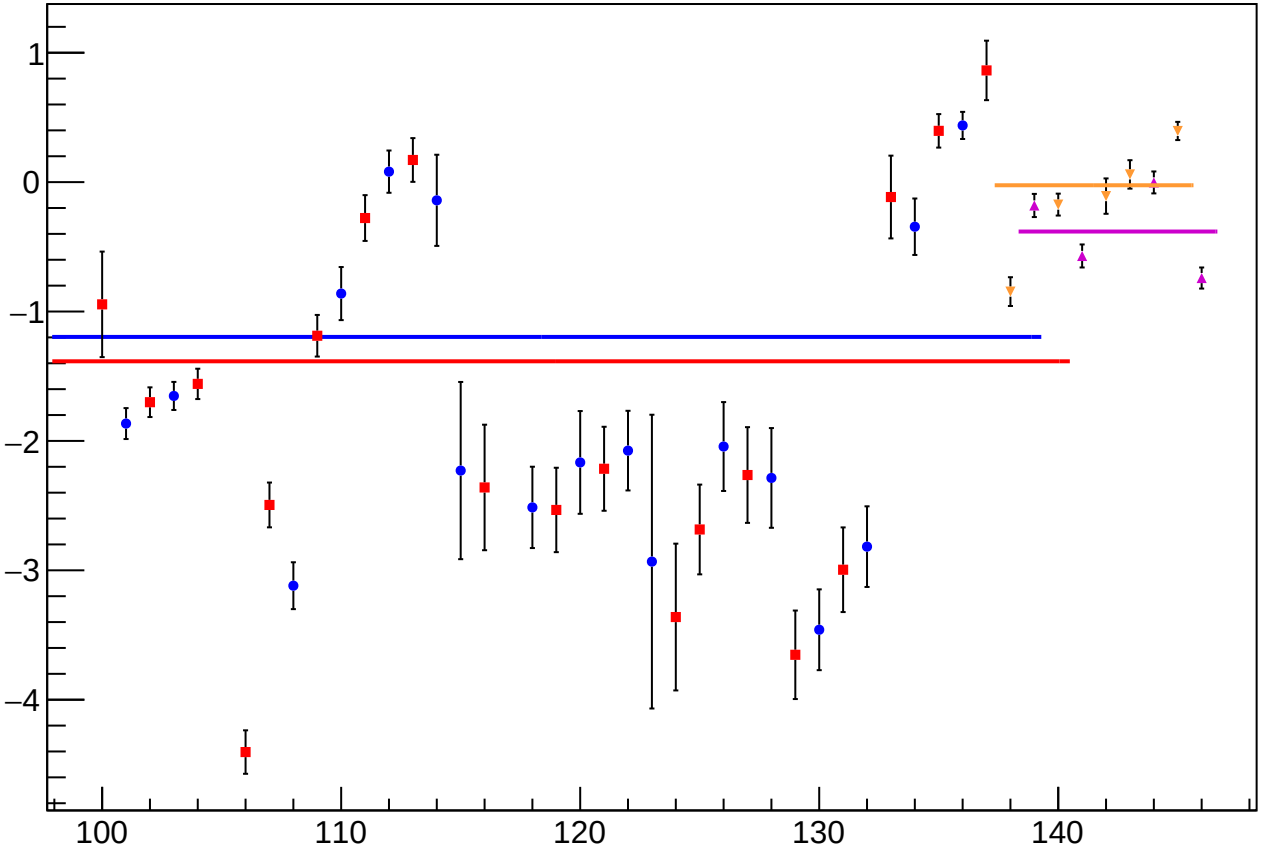
Left In: 186.736+/-0.884 χ^2/NDF:307.1/3

+ sign 188.939+/-0.646 χ^2/NDF: 6091.4/21

All: 185.696+/-0.454 χ^2/NDF: 12826.6/44

- sign 182.525+/-0.639 χ^2/NDF: 6685.4/22

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.024+/-0.042 χ^2/NDF:94.3/4

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

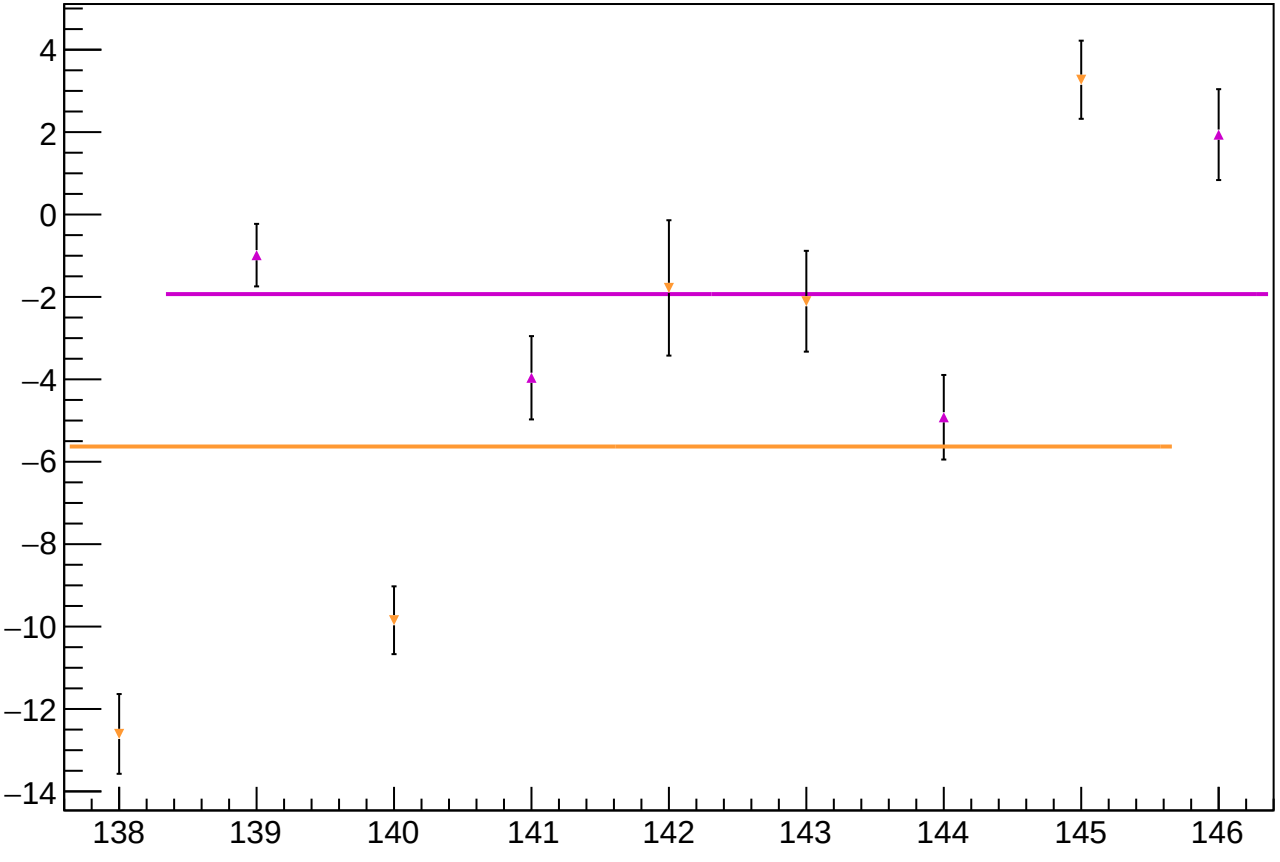
Left In: -0.382+/-0.043 χ^2/NDF:49.1/3

+ sign -0.536+/-0.032 χ^2/NDF: 1052.3/21

All: -0.696+/-0.022 χ^2/NDF: 2331.1/44

- sign -0.852+/-0.031 χ^2/NDF: 1228.6/22

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -5.630+/-0.461 χ^2/NDF:180.1/4

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

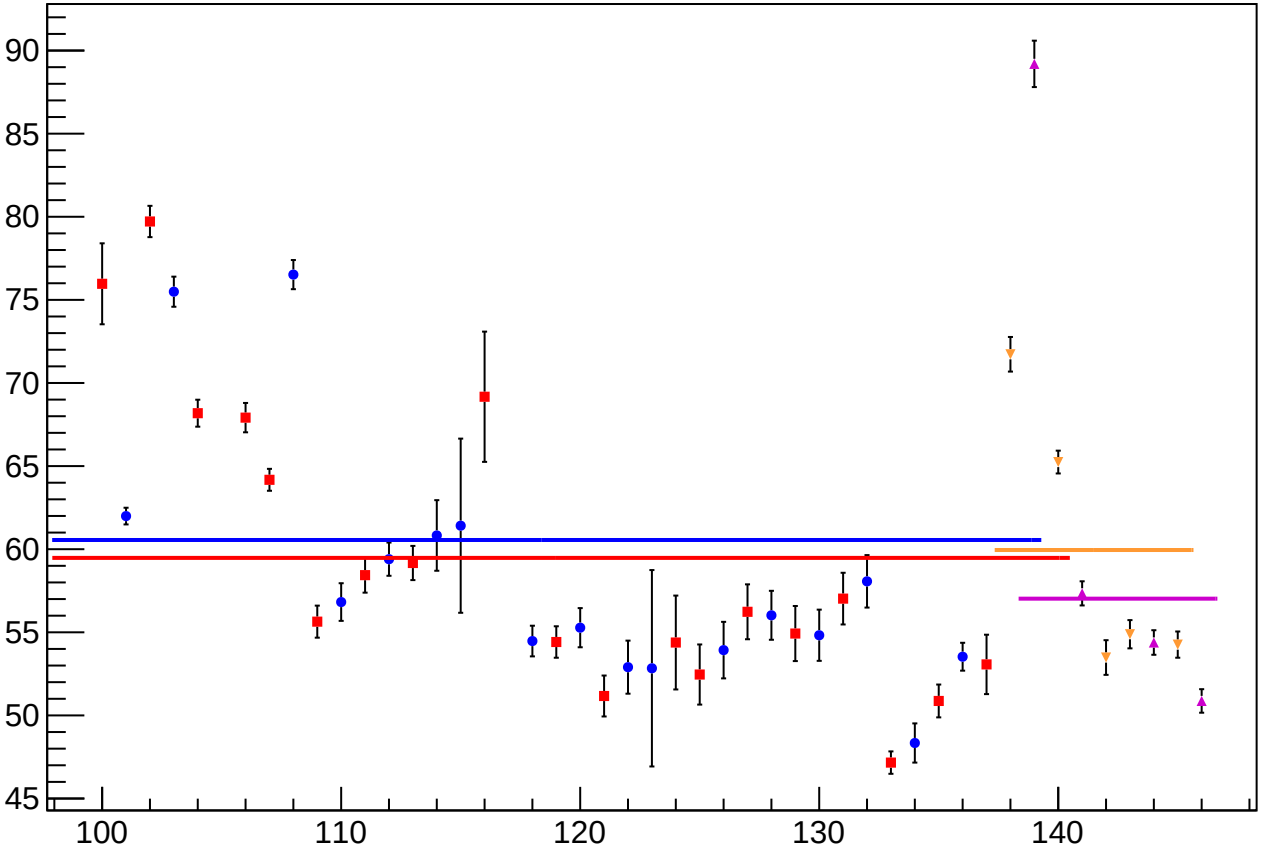
Left In: -1.931+/-0.472 χ^2/NDF:26.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.823+/-0.330 χ^2/NDF: 237.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 59.951+/-0.379 χ^2/NDF:313.3/4

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

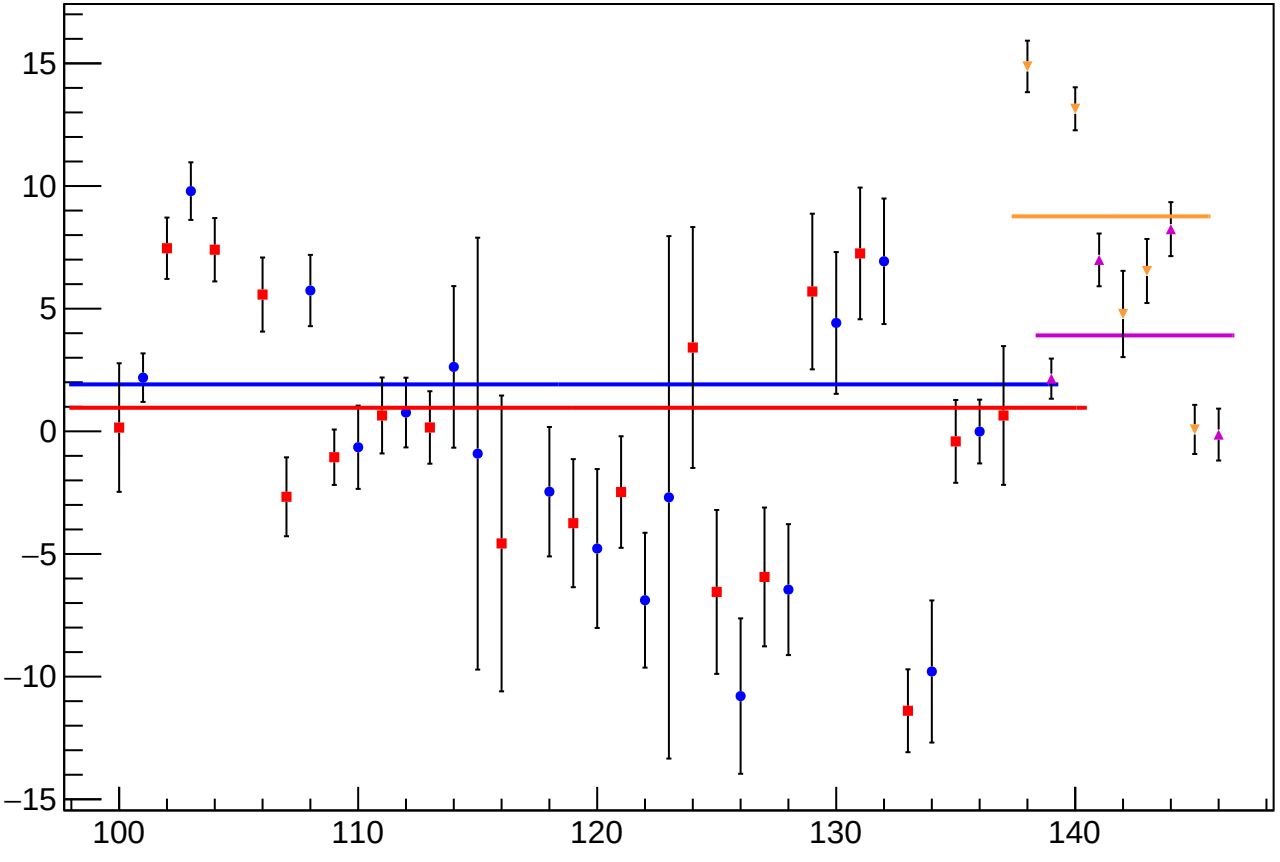
Left In: 57.024+/-0.400 χ^2/NDF:619.6/3

+ sign 60.360+/-0.215 χ^2/NDF: 1245.8/21

All: 59.562+/-0.151 χ^2/NDF: 3236.4/44

- sign 58.798+/-0.211 χ^2/NDF: 1963.8/22

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 8.763+/-0.493 χ^2/NDF:142.1/4

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

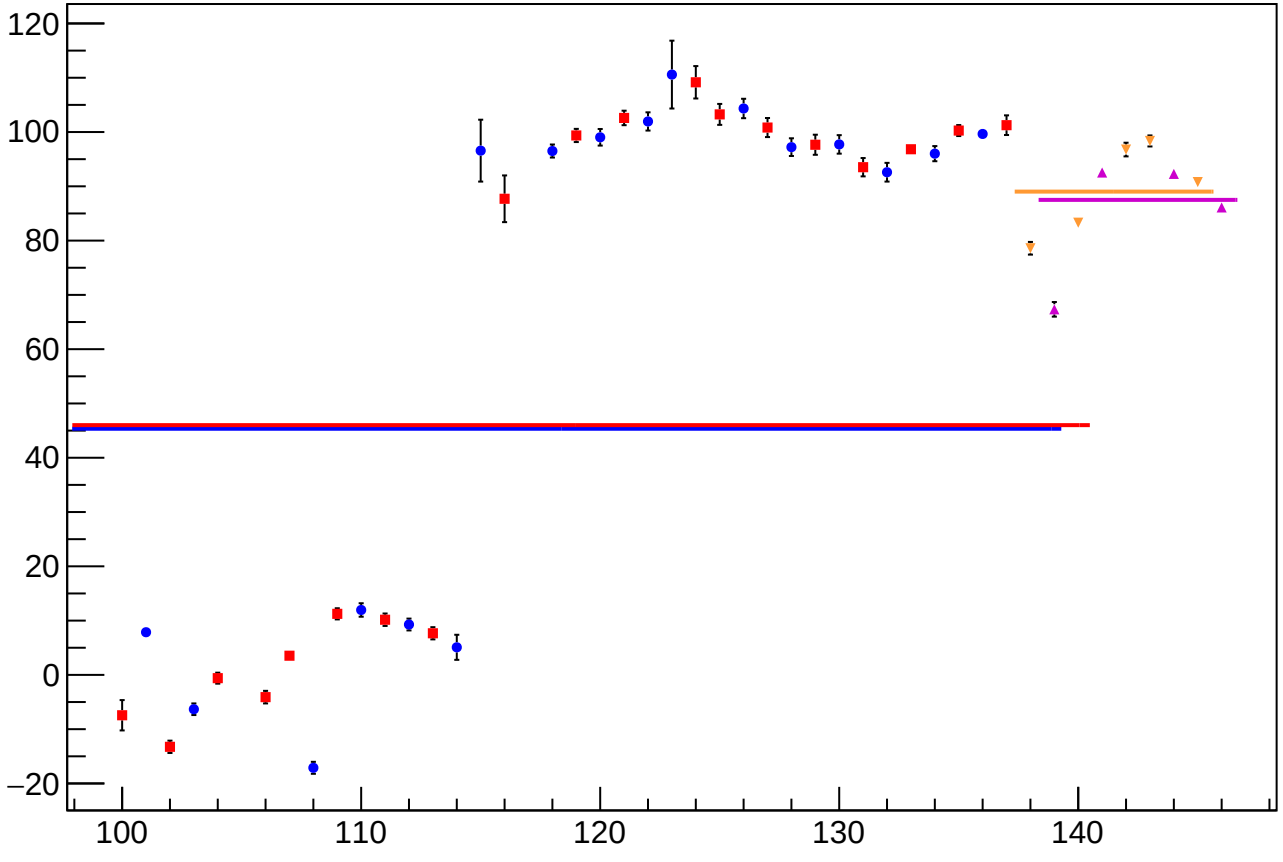
Left In: 3.910+/-0.495 χ^2/NDF:43.0/3

+ sign 5.085+/-0.335 χ^2/NDF: 367.4/21

All: 3.589+/-0.232 χ^2/NDF: 618.6/44

- sign 2.209+/-0.322 χ^2/NDF: 212.9/22

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 89.027+/-0.446 χ^2/NDF:253.8/4

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

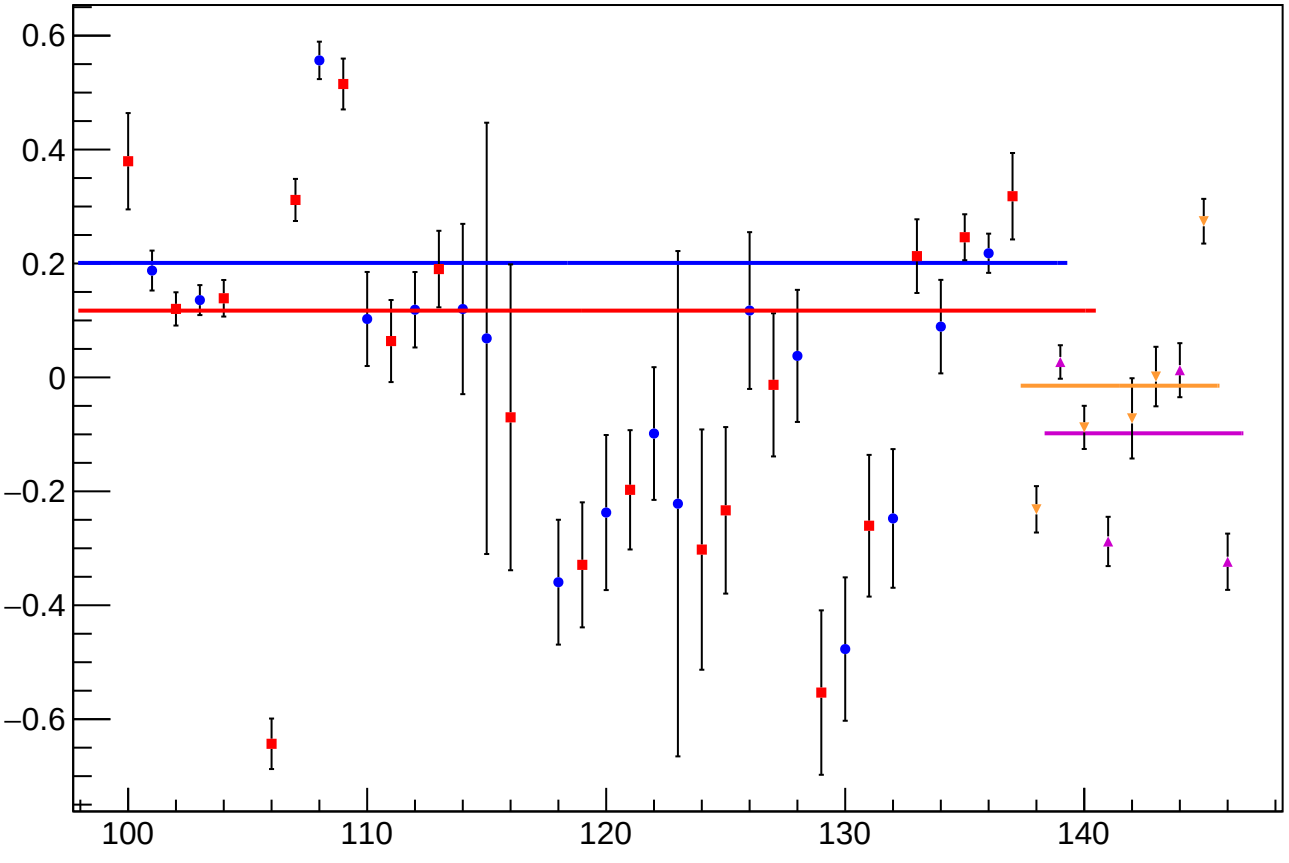
Left In: 87.502+/-0.472 χ^2/NDF:290.4/3

+ sign 59.146+/-0.251 χ^2/NDF: 31881.6/21

All: 58.239+/-0.176 χ^2/NDF: 66040.7/44

- sign 57.362+/-0.247 χ^2/NDF: 34133.4/22

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.015+/-0.020 χ^2/NDF:87.0/4

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

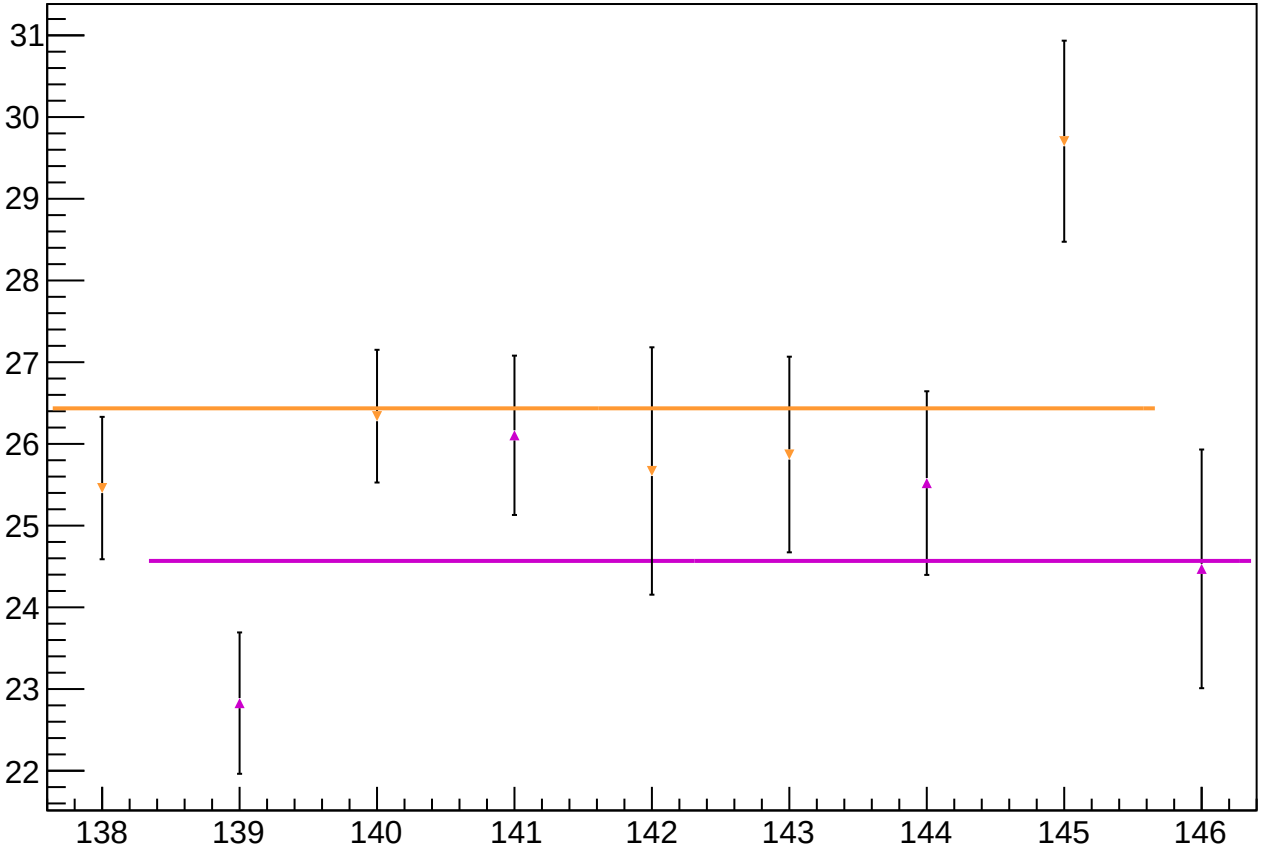
Left In: -0.098+/-0.020 χ^2/NDF:63.7/3

+ sign 0.130+/-0.011 χ^2/NDF: 383.0/21

All: 0.089+/-0.008 χ^2/NDF: 1053.1/44

- sign 0.052+/-0.011 χ^2/NDF: 646.3/22

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 26.435+/-0.465 χ^2/NDF:8.8/4

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

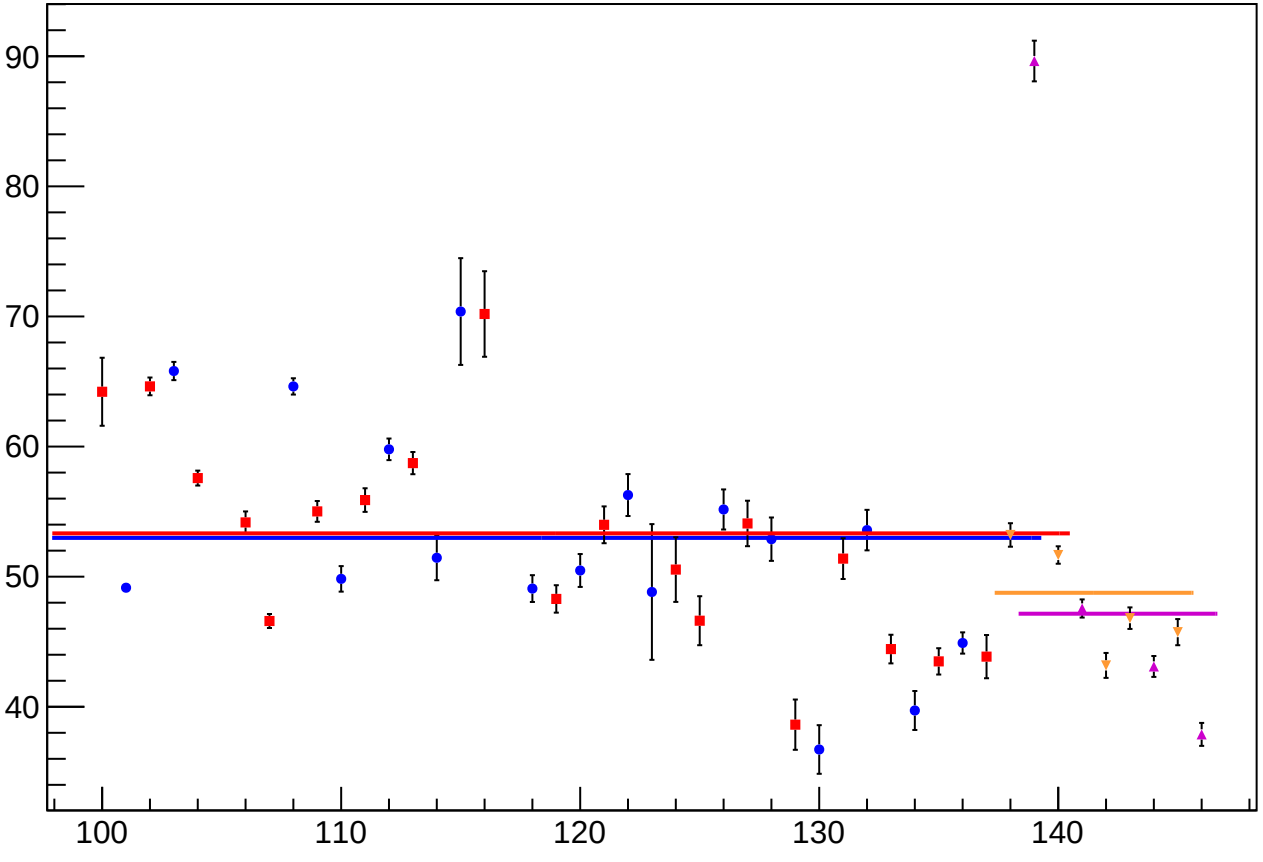
Left In: 24.568+/-0.523 χ^2/NDF:7.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 25.612+/-0.348 χ^2/NDF: 23.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 48.761+/-0.378 χ^2/NDF:91.5/4

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

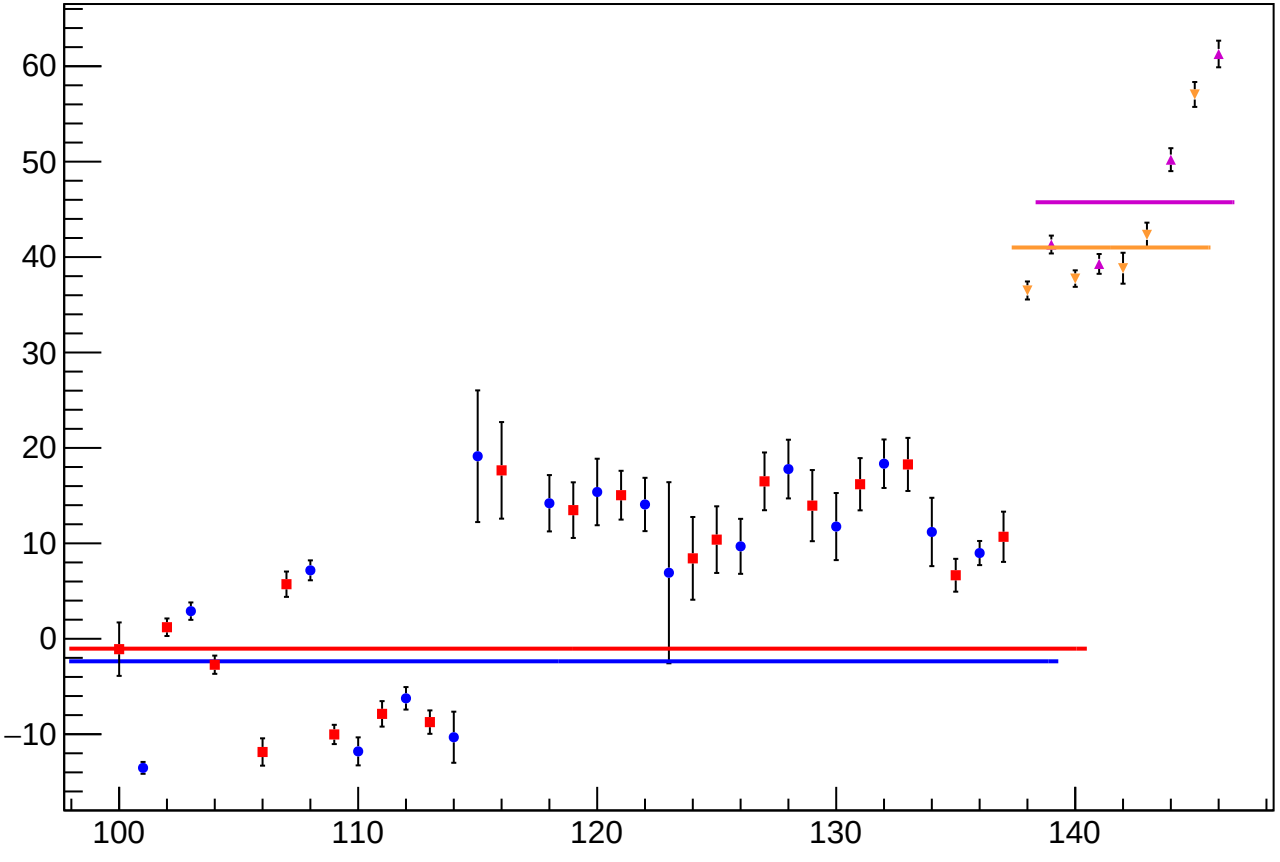
Left In: 47.153+/-0.434 χ^2/NDF:874.9/3

+ sign 51.986+/-0.184 χ^2/NDF: 1384.4/21

All: 51.995+/-0.136 χ^2/NDF: 3290.8/44

- sign 52.006+/-0.201 χ^2/NDF: 1906.4/22

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 41.004+/-0.498 χ^2/NDF:190.8/4

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

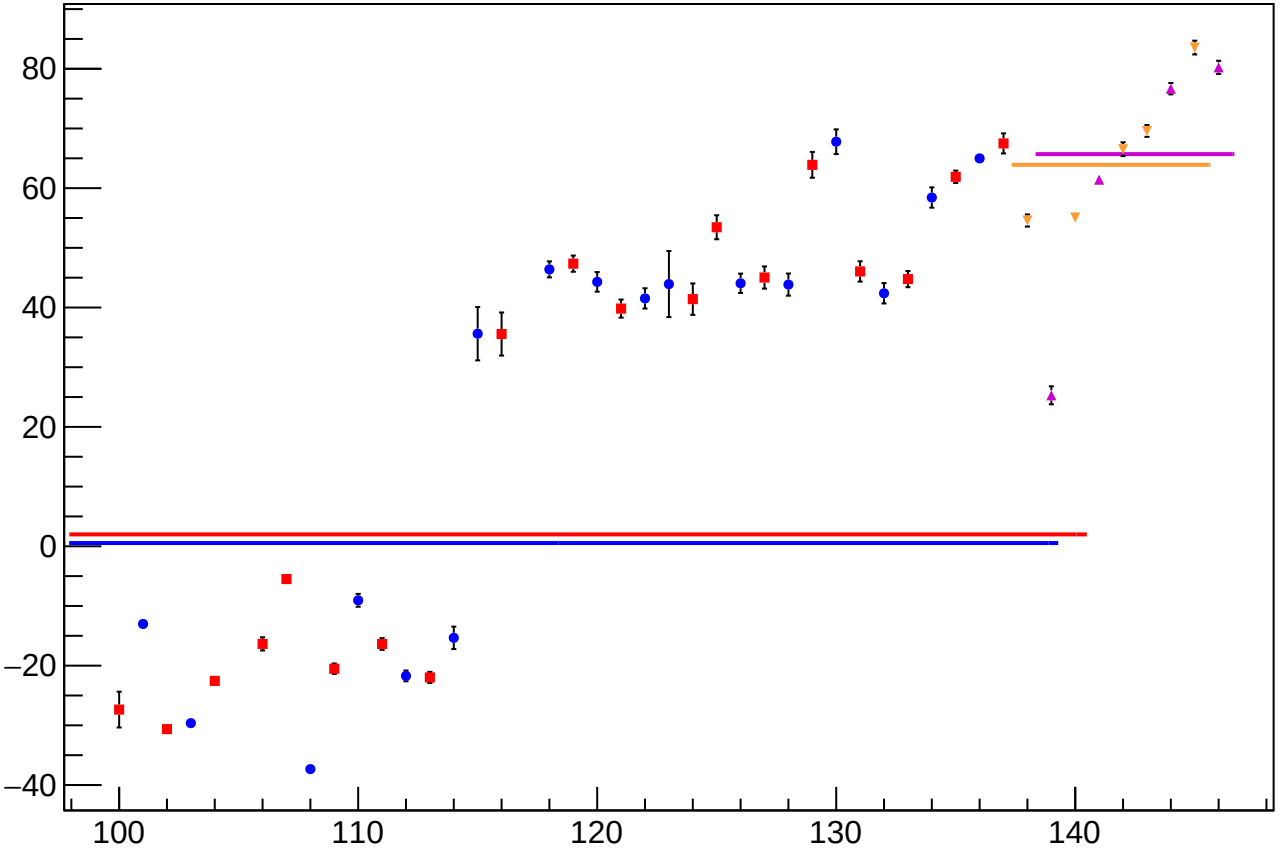
Left In: 45.746+/-0.552 χ^2/NDF:199.0/3

+ sign 12.741+/-0.294 χ^2/NDF: 5979.5/21

All: 13.252+/-0.214 χ^2/NDF: 11586.1/44

- sign 13.825+/-0.311 χ^2/NDF: 5600.1/22

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 63.910+/-0.448 χ^2/NDF:529.1/4

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

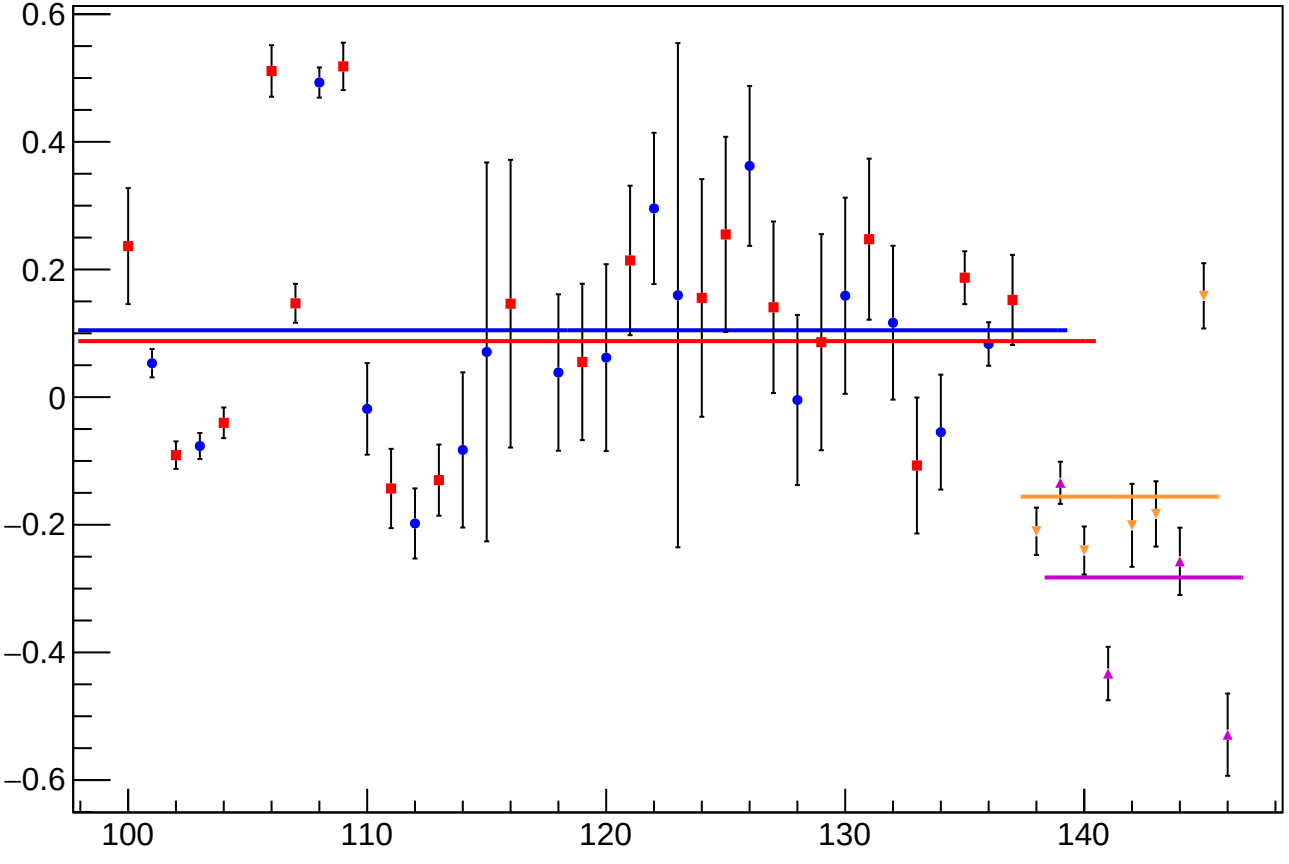
Left In: 65.703+/-0.514 χ^2/NDF:1051.3/3

+ sign 15.310+/-0.216 χ^2/NDF: 34329.3/21

All: 15.388+/-0.160 χ^2/NDF: 62958.8/44

- sign 15.481+/-0.237 χ^2/NDF: 28629.2/22

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.156+/-0.020 χ^2/NDF:45.8/4

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

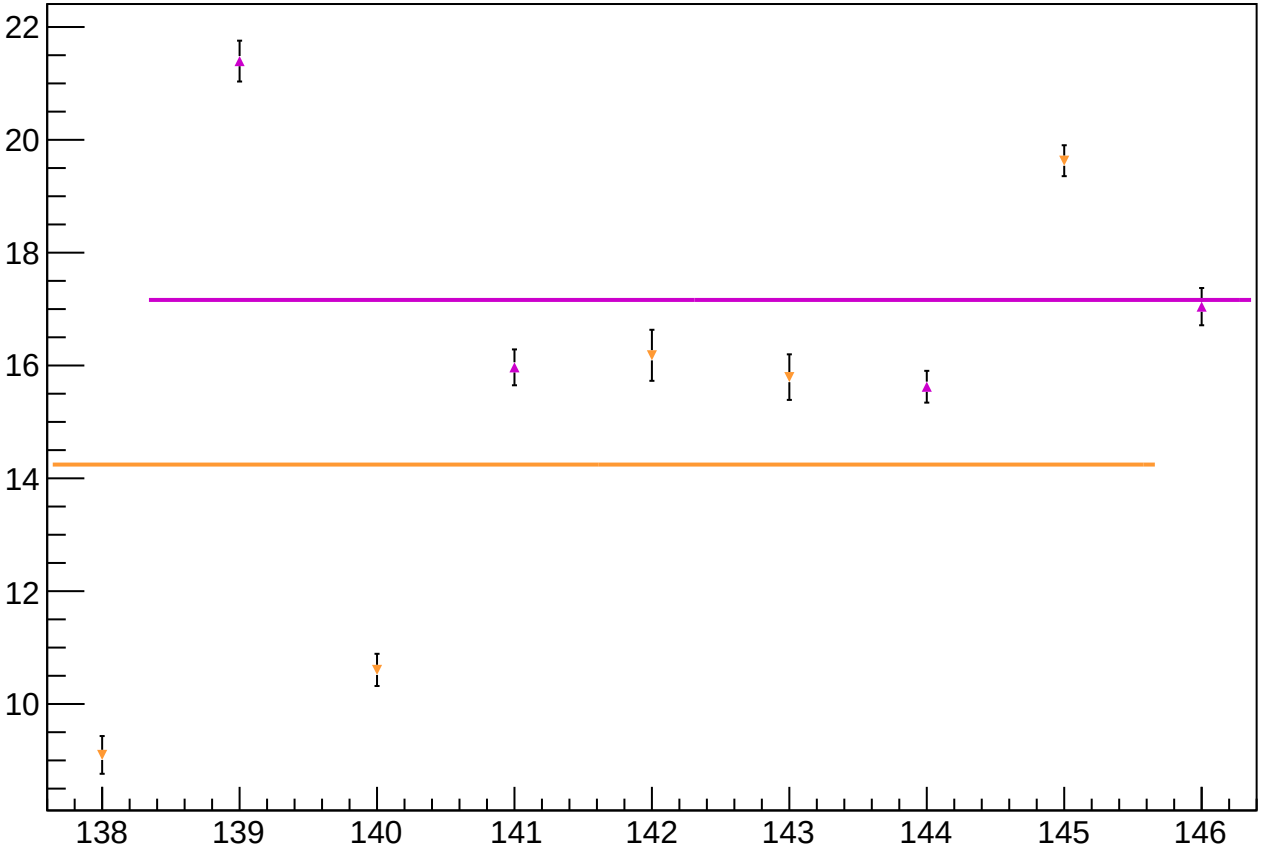
Left In: -0.283+/-0.022 χ^2/NDF:48.0/3

+ sign 0.045+/-0.010 χ^2/NDF: 574.3/21

All: 0.029+/-0.007 χ^2/NDF: 1247.4/44

- sign 0.013+/-0.010 χ^2/NDF: 667.6/22

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.244+/-0.148 χ^2/NDF:818.5/4

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

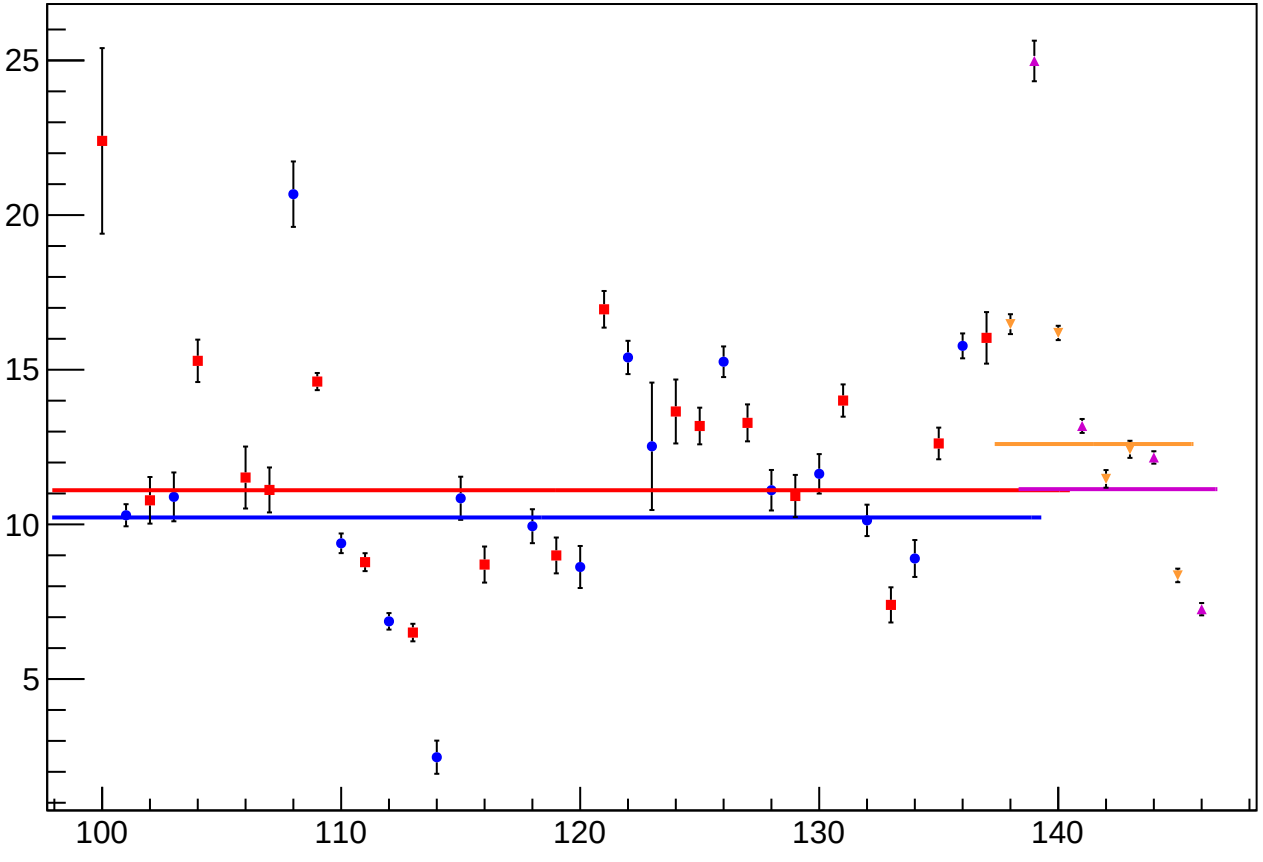
Left In: 17.162+/-0.160 χ^2/NDF:180.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 15.596+/-0.109 χ^2/NDF: 1179.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 12.598+/-0.116 χ^2/NDF:777.4/4

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

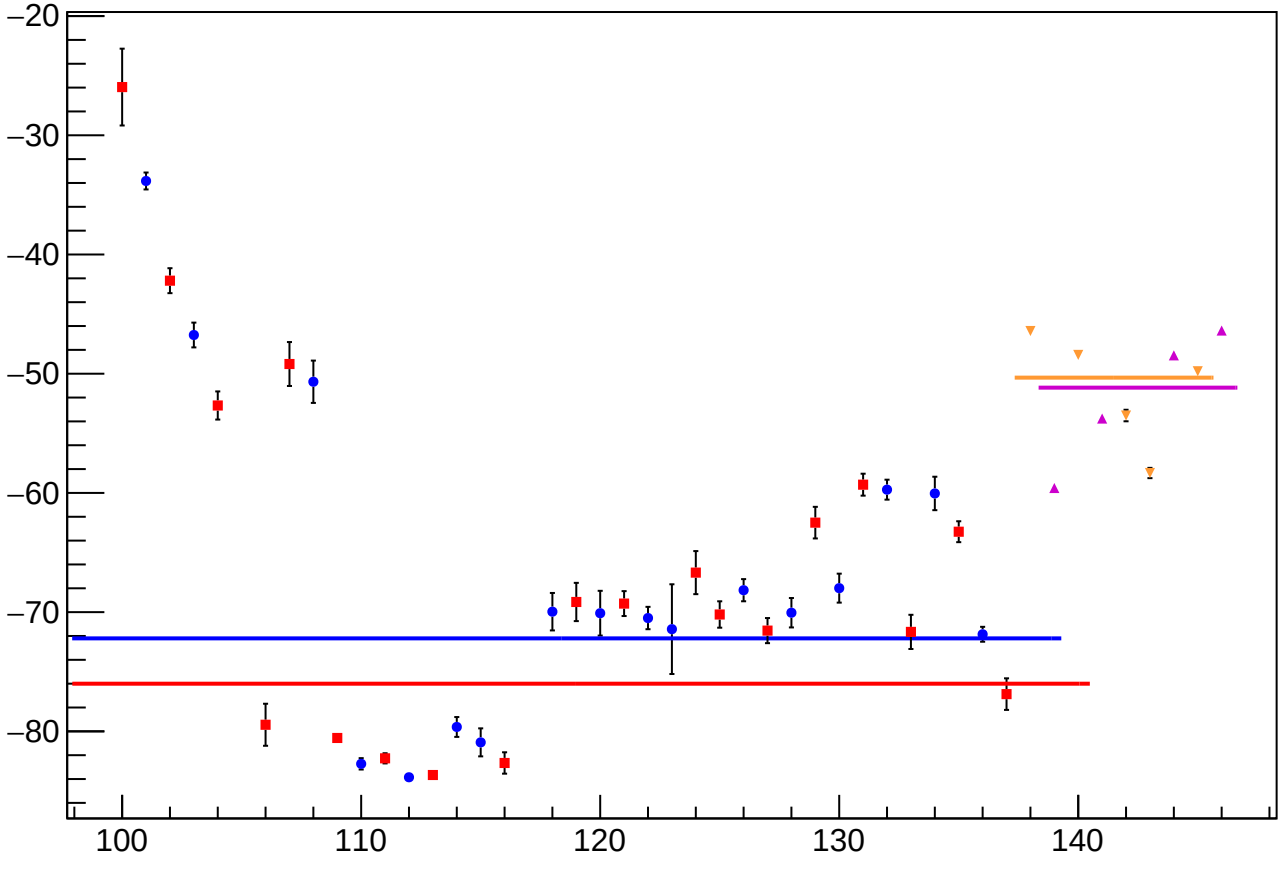
Left In: 11.139+/-0.118 χ^2/NDF:933.7/3

+ sign 11.442+/-0.083 χ^2/NDF: 1859.5/21

All: 11.281+/-0.059 χ^2/NDF: 3617.9/44

- sign 11.121+/-0.083 χ^2/NDF: 1750.9/22

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -50.329+/-0.159 χ^2/NDF:546.7/4

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

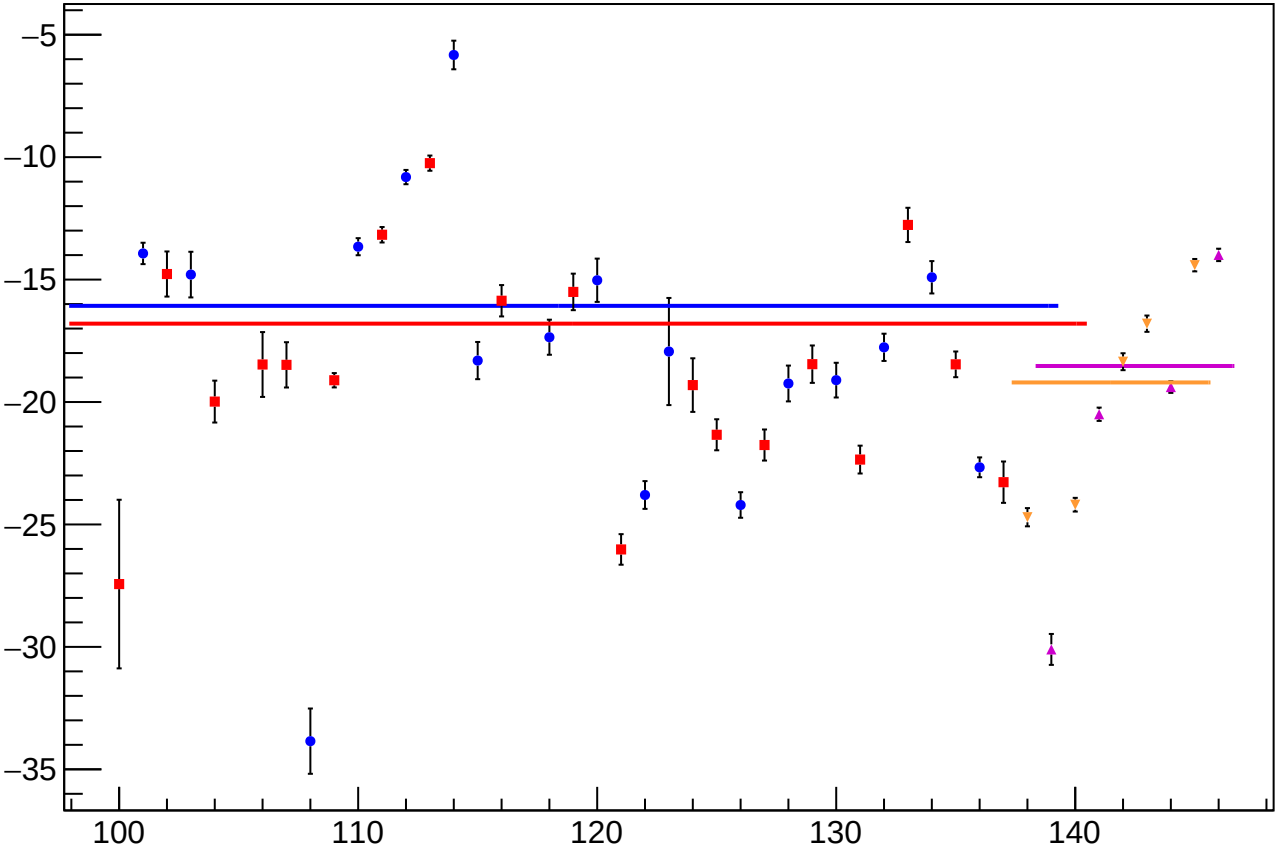
Left In: -51.169+/-0.166 χ^2/NDF:829.8/3

+ sign -58.890+/-0.124 χ^2/NDF: 13562.6/21

All: -60.730+/-0.087 χ^2/NDF: 28515.1/44

- sign -62.531+/-0.122 χ^2/NDF: 14514.8/22

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -19.200+/-0.137 χ^2/NDF:952.0/4

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

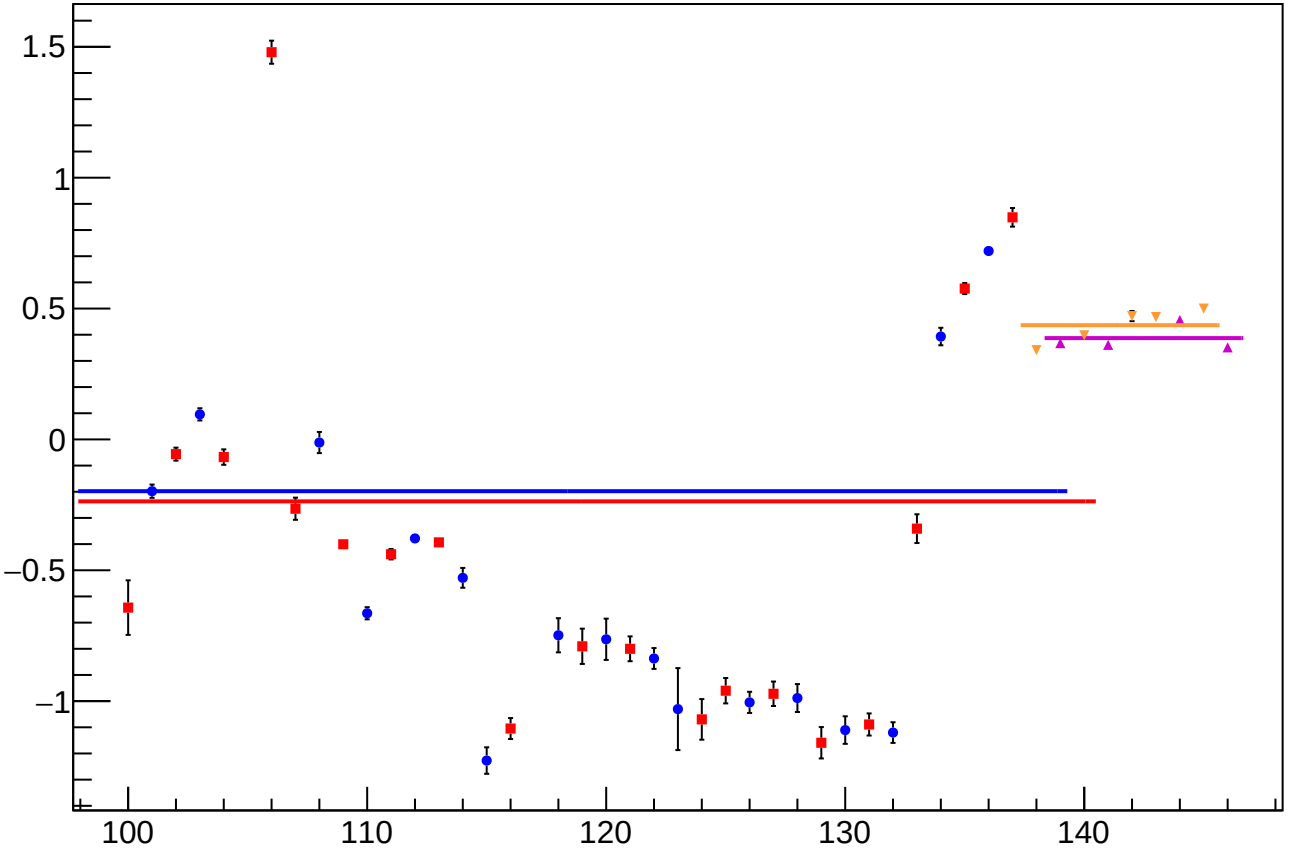
Left In: -18.528+/-0.142 χ^2/NDF:722.6/3

+ sign -17.575+/-0.095 χ^2/NDF: 2862.1/21

All: -17.574+/-0.067 χ^2/NDF: 4882.0/44

- sign -17.573+/-0.095 χ^2/NDF: 2019.9/22

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.436+/-0.006 χ^2/NDF:89.2/4

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

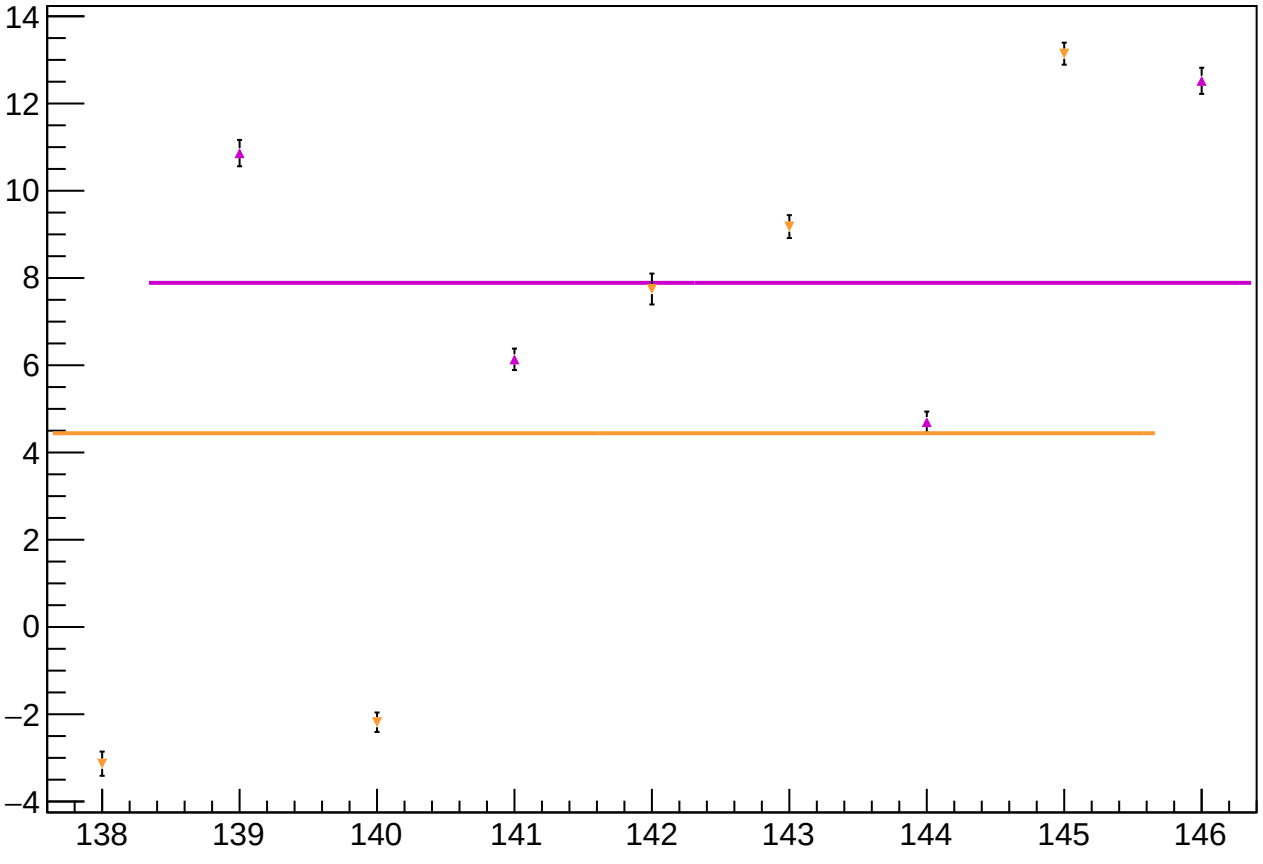
Left In: 0.387+/-0.007 χ^2/NDF:39.0/3

+ sign 0.169+/-0.005 χ^2/NDF: 10520.7/21

All: 0.128+/-0.003 χ^2/NDF: 20847.4/44

- sign 0.087+/-0.005 χ^2/NDF: 10190.9/22

reg_asym_sam8_diff_bpm1X_slope vs Slug



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

Left Out: 4.442+/-0.118 χ^2/NDF:3231.6/4

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

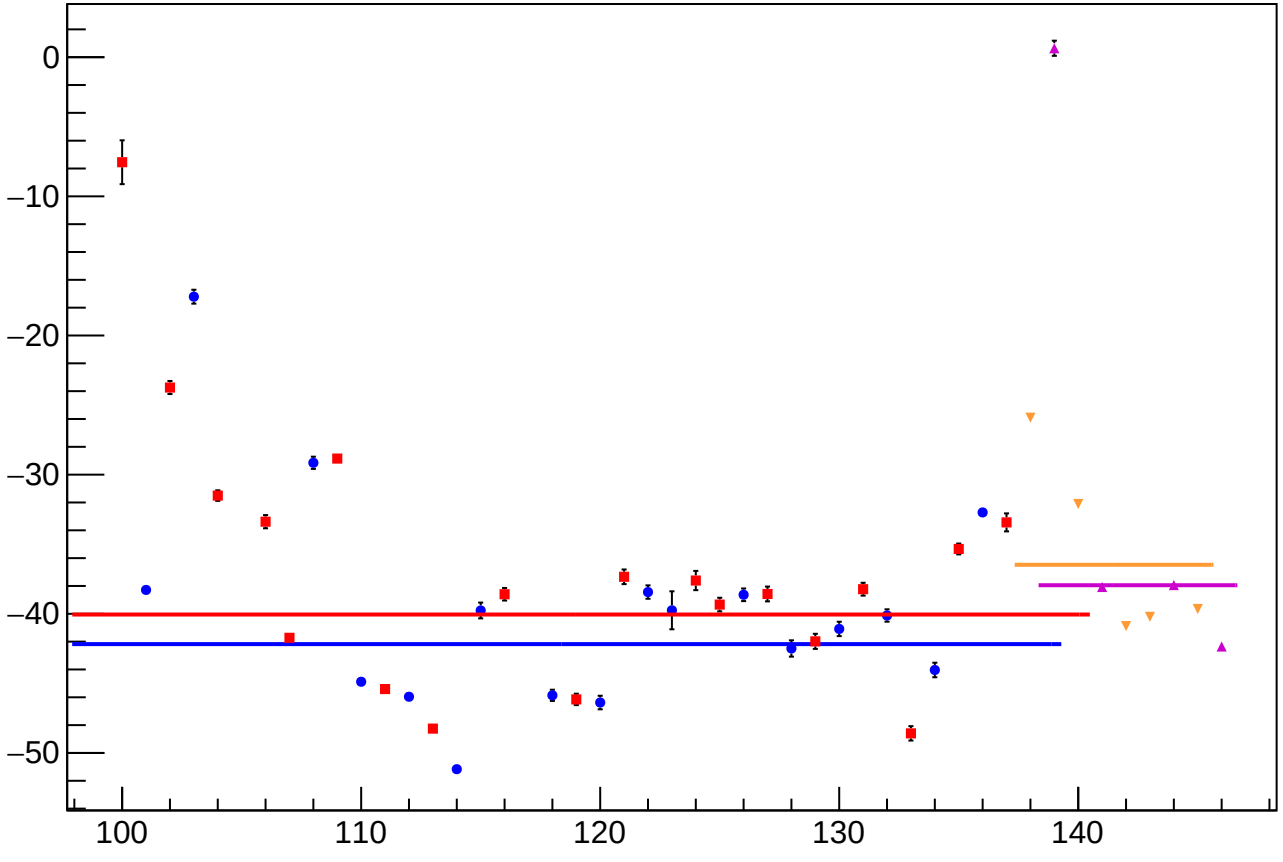
Left In: 7.889+/-0.134 χ^2/NDF:562.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.956+/-0.089 χ^2/NDF: 4166.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -36.477+/-0.092 χ^2/NDF:3184.4/4

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

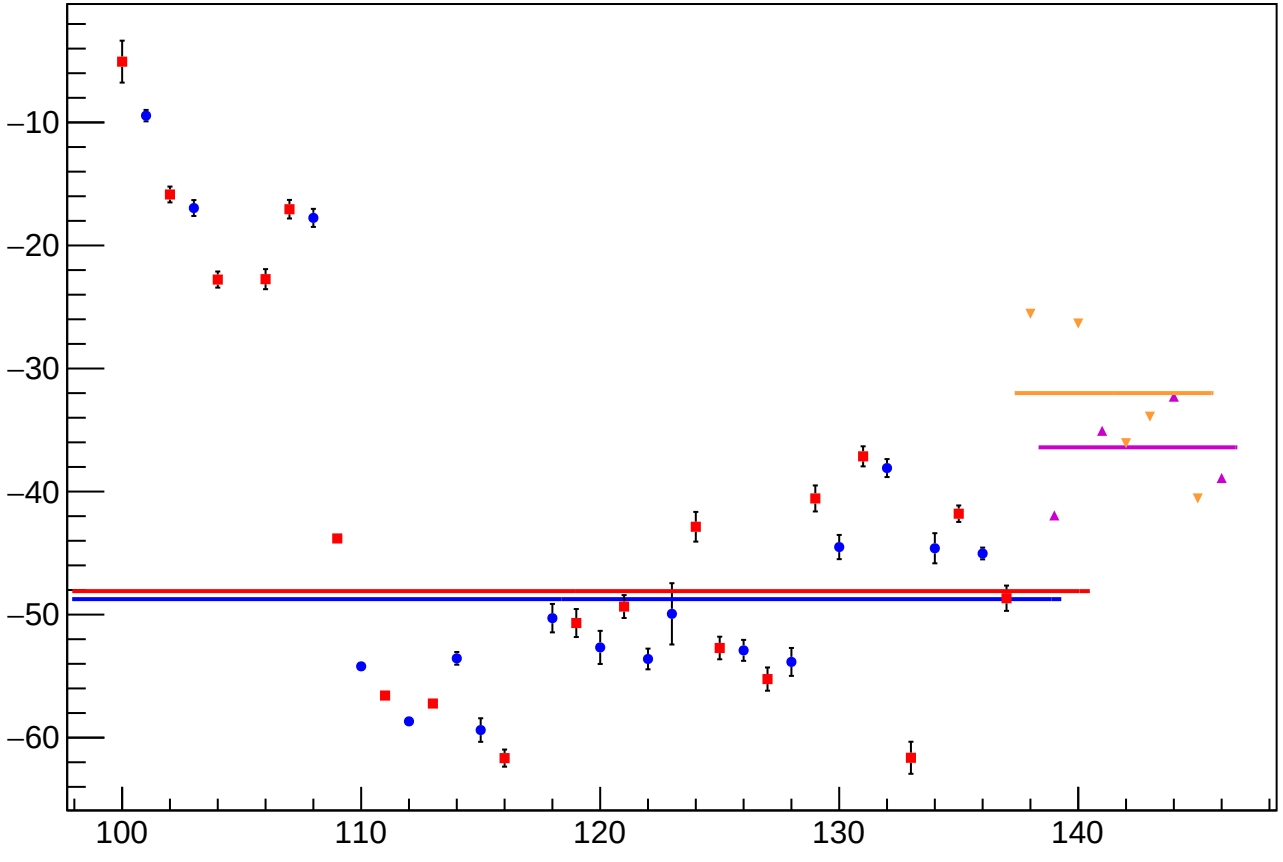
Left In: -37.947+/-0.101 χ^2/NDF:5577.7/3

+ sign -39.793+/-0.059 χ^2/NDF: 12007.3/21

All: -39.559+/-0.042 χ^2/NDF: 29217.1/44

- sign -39.328+/-0.059 χ^2/NDF: 17178.9/22

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -31.997+/-0.127 χ^2/NDF:2207.8/4

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

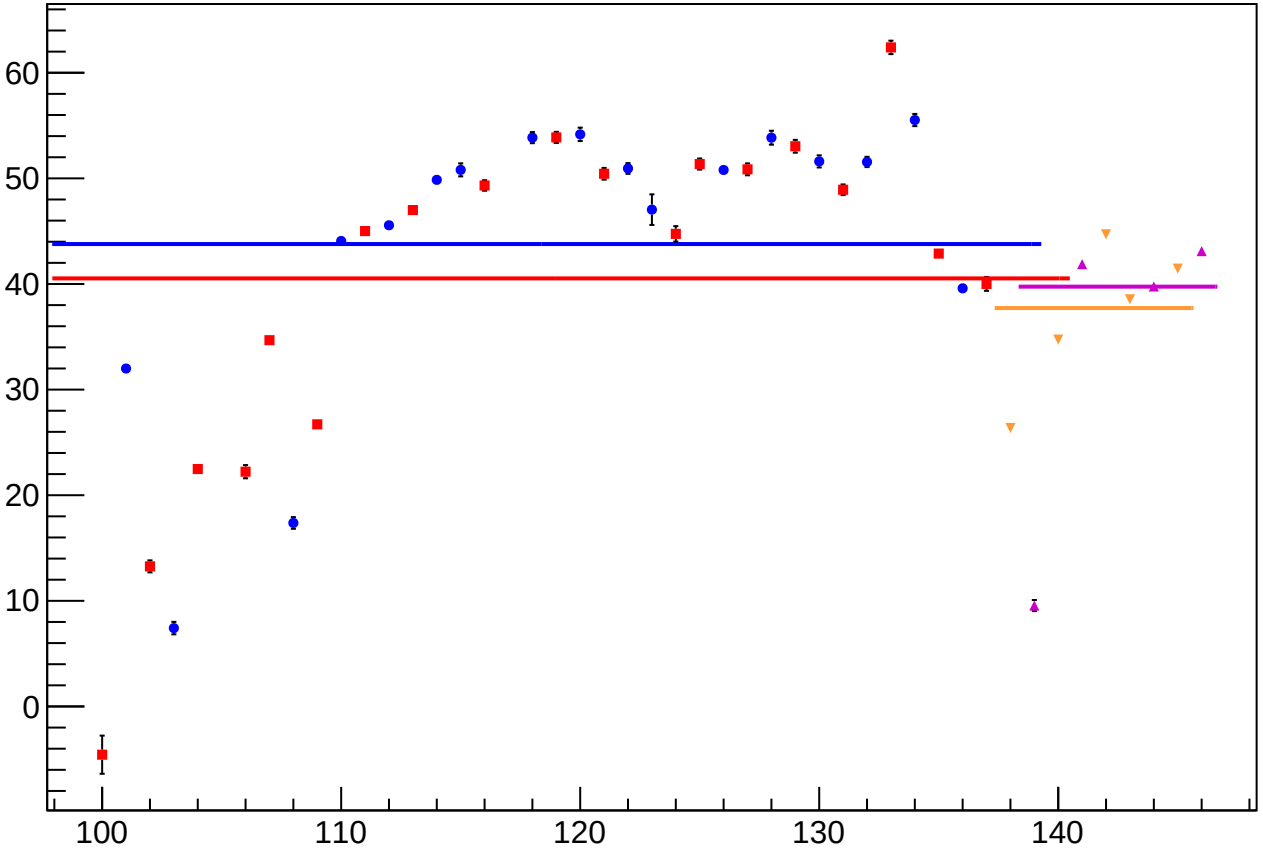
Left In: -36.406+/-0.140 χ^2/NDF:644.2/3

+ sign -40.511+/-0.089 χ^2/NDF: 25770.5/21

All: -42.206+/-0.061 χ^2/NDF: 43244.3/44

- sign -43.764+/-0.085 χ^2/NDF: 16773.3/22

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 37.722+/-0.109 χ^2/NDF:2452.4/4

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

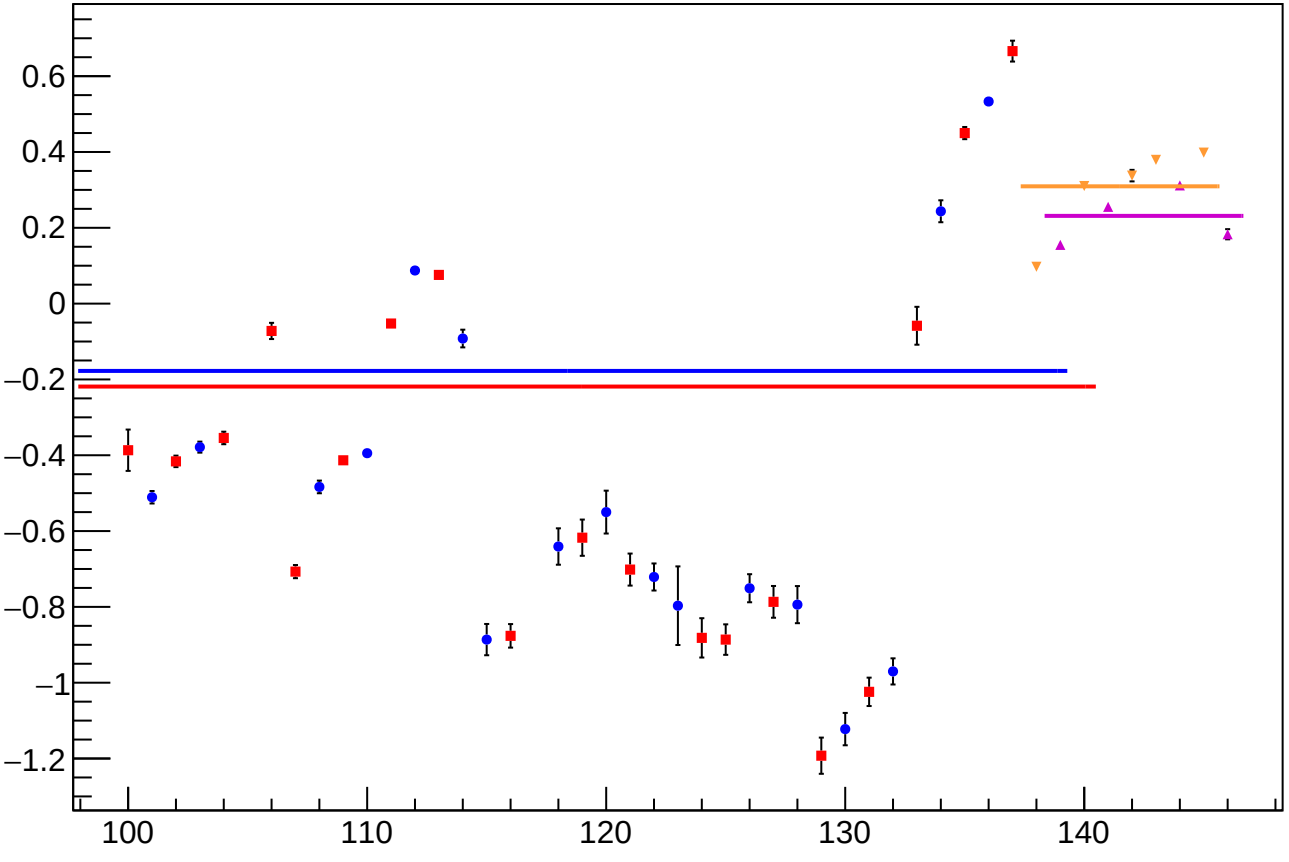
Left In: 39.747+/-0.121 χ^2/NDF:3625.4/3

+ sign 41.435+/-0.068 χ^2/NDF: 14986.6/21

All: 40.854+/-0.048 χ^2/NDF: 36366.5/44

- sign 40.291+/-0.067 χ^2/NDF: 21235.3/22

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.309+/-0.005 χ^2/NDF:429.0/4

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

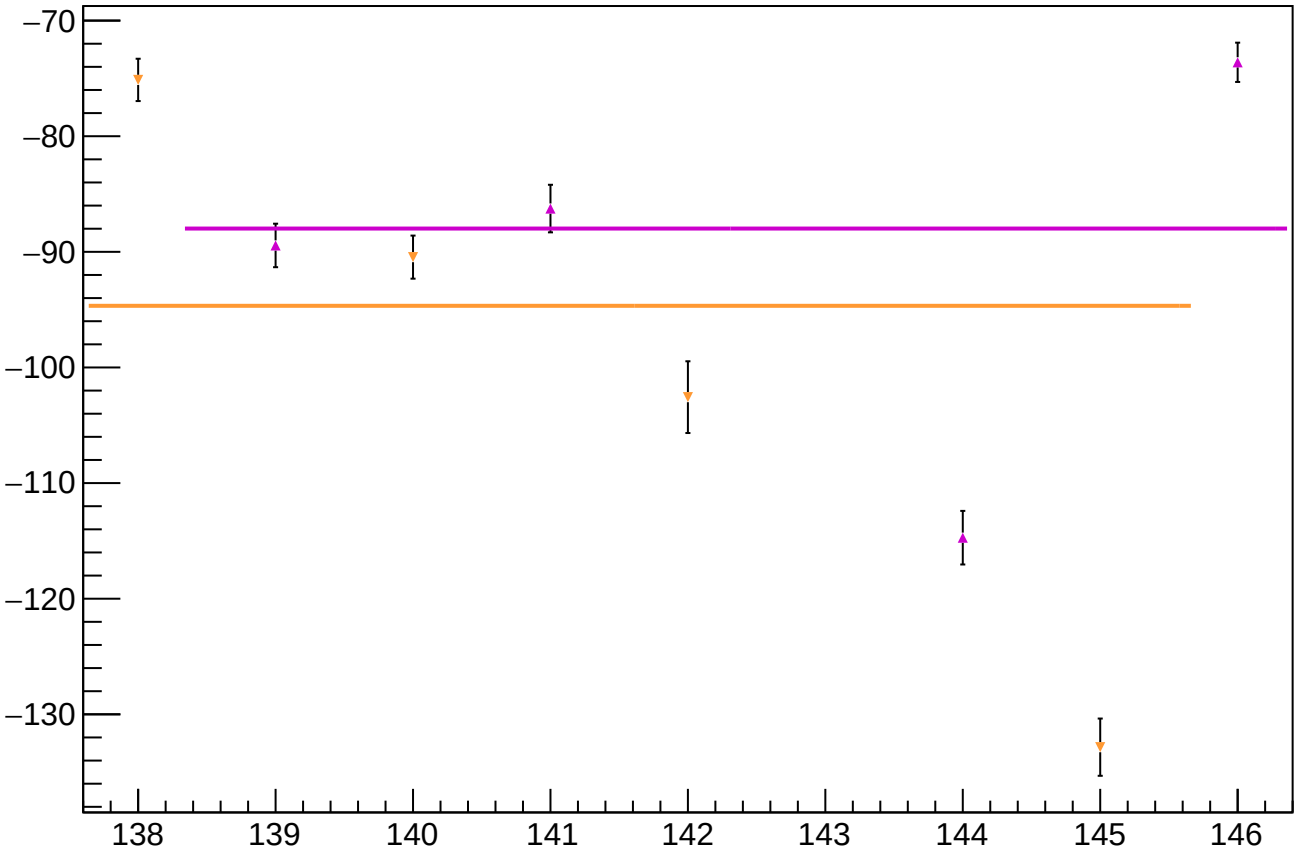
Left In: 0.231+/-0.006 χ^2/NDF:113.5/3

+ sign 0.051+/-0.004 χ^2/NDF: 12555.3/21

All: -0.005+/-0.002 χ^2/NDF: 24535.5/44

- sign -0.058+/-0.003 χ^2/NDF: 11494.5/22

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -94.668+/-1.082 χ^2/NDF:363.3/3

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

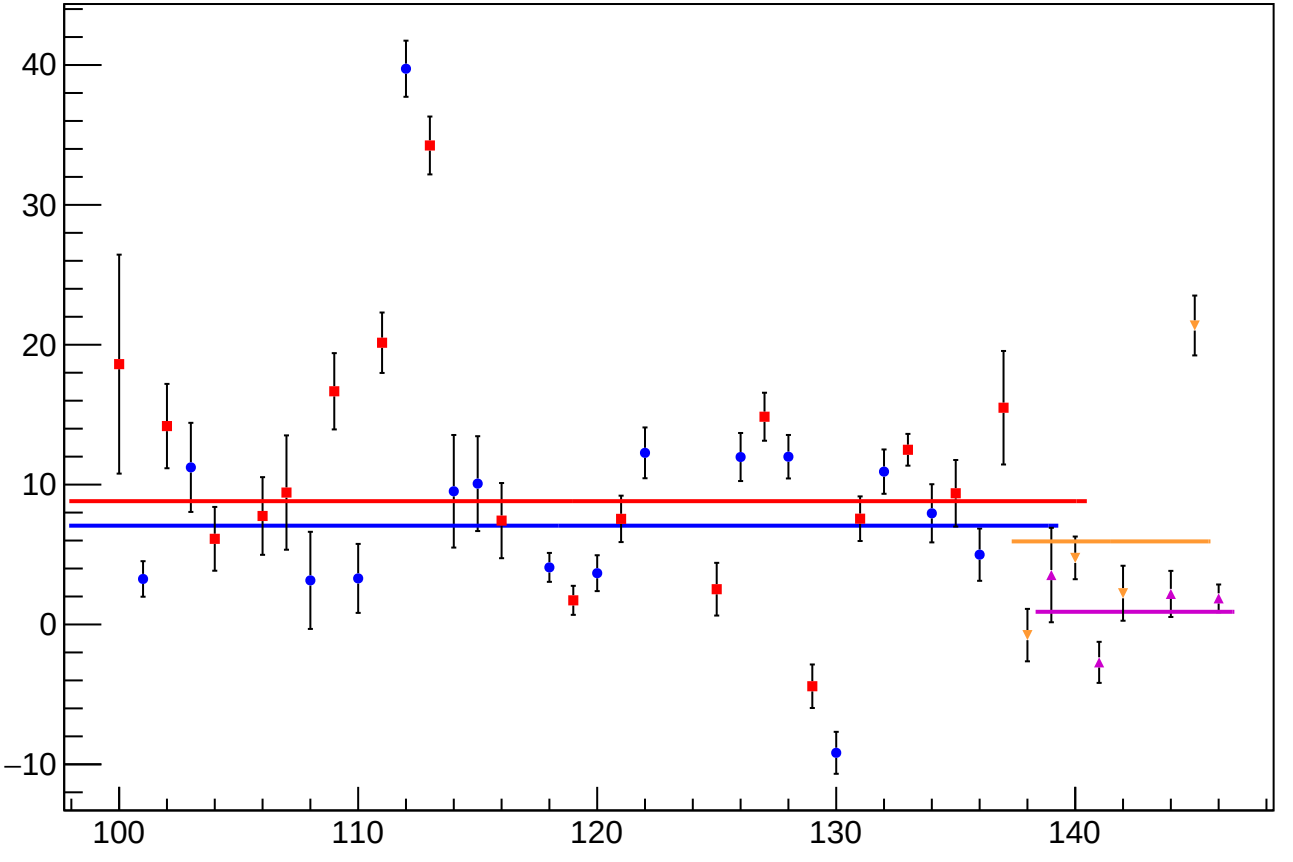
Left In: -87.986+/-0.975 χ^2/NDF:206.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -90.980+/-0.724 χ^2/NDF: 590.4/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 5.939+/-0.916 χ^2/NDF:69.0/3

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

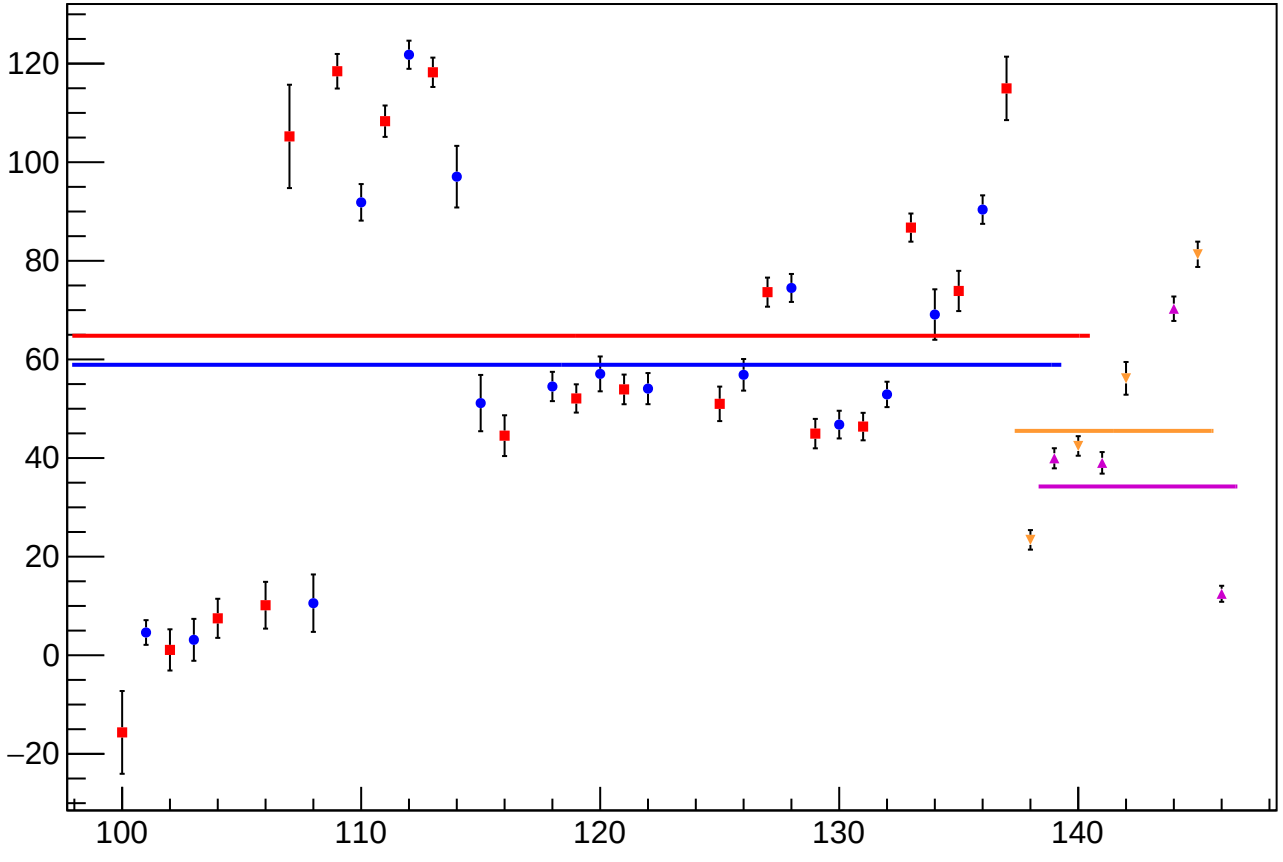
Left In: 0.906+/-0.719 χ^2/NDF:8.2/3

+ sign 6.857+/-0.392 χ^2/NDF: 517.1/19

All: 6.722+/-0.273 χ^2/NDF: 963.0/41

- sign 6.595+/-0.381 χ^2/NDF: 445.7/21

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 45.508+/-1.154 χ^2/NDF:331.1/3

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

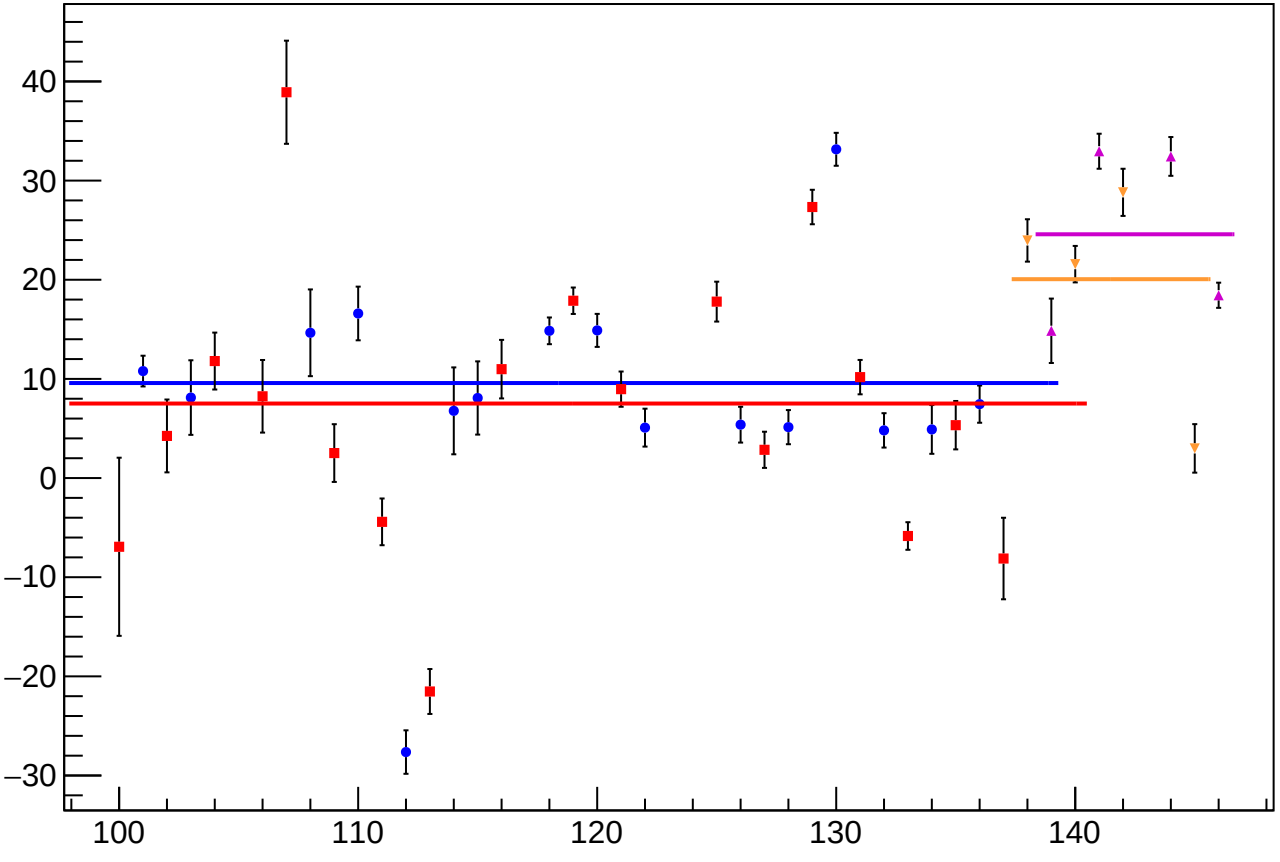
Left In: 34.231+/-1.004 χ^2/NDF:403.8/3

+ sign 54.335+/-0.675 χ^2/NDF: 1916.6/19

All: 53.227+/-0.466 χ^2/NDF: 4588.7/41

- sign 52.216+/-0.644 χ^2/NDF: 2667.0/21

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 20.057+/-1.079 χ^2/NDF:66.3/3

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

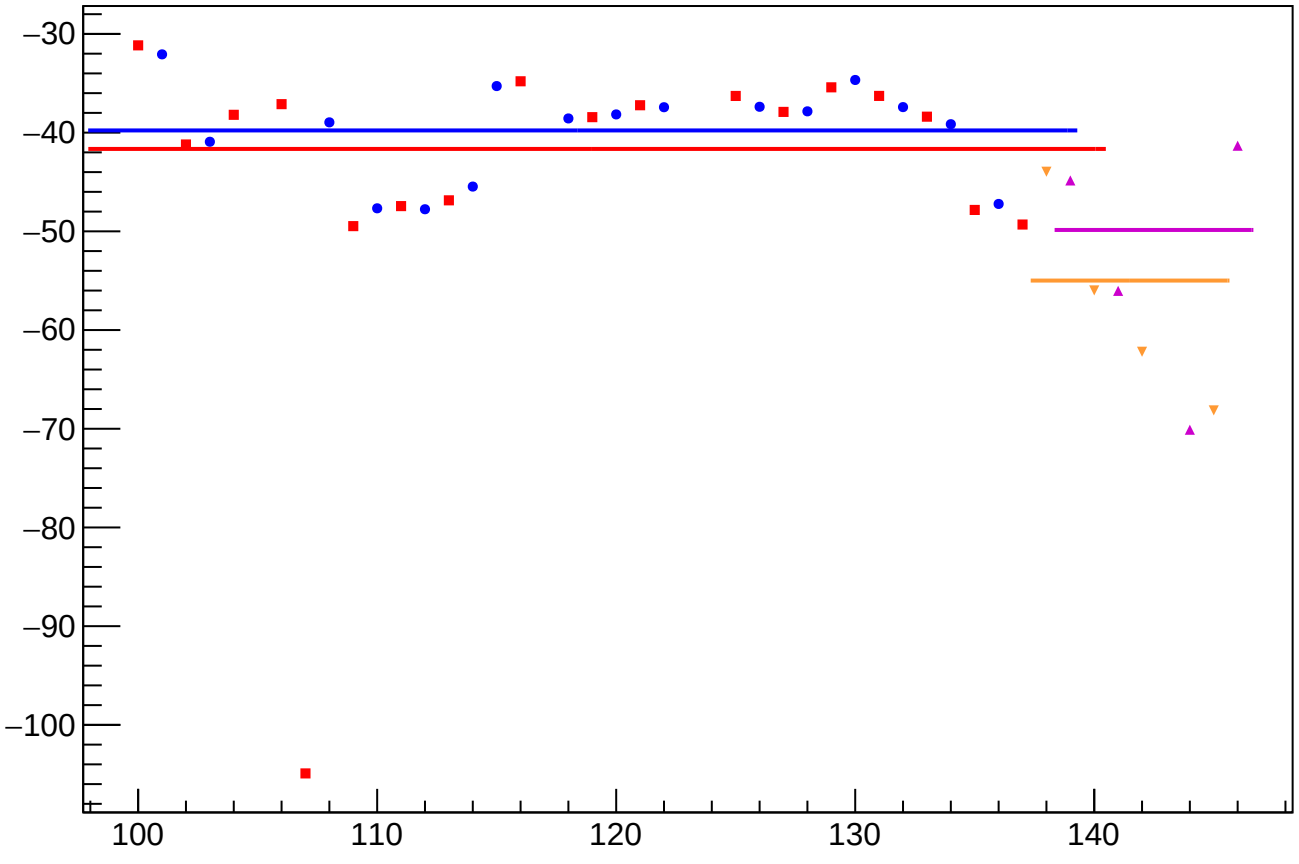
Left In: 24.586+/-0.878 χ^2/NDF:71.0/3

+ sign 11.440+/-0.455 χ^2/NDF: 698.2/19

All: 11.672+/-0.318 χ^2/NDF: 1620.5/41

- sign 11.894+/-0.445 χ^2/NDF: 921.9/21

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -54.987+/-0.047 χ^2/NDF:39723.0/3

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

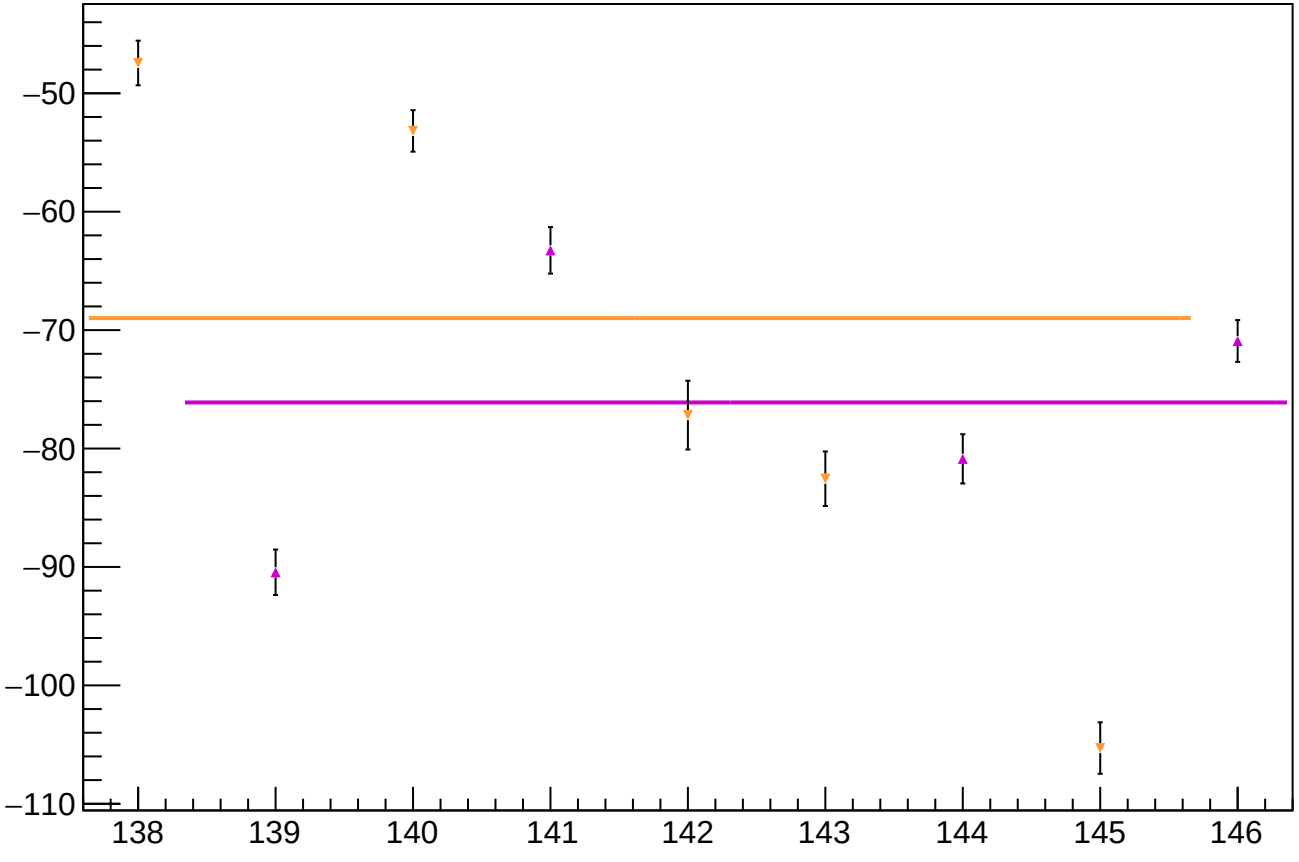
Left In: -49.860+/-0.041 χ^2/NDF:57387.1/3

+ sign -44.384+/-0.026 χ^2/NDF: 138490.2/19

All: -44.513+/-0.018 χ^2/NDF: 315535.8/41

- sign -44.632+/-0.025 χ^2/NDF: 176998.2/21

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -68.985+/-0.942 χ^2/NDF:533.6/4

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

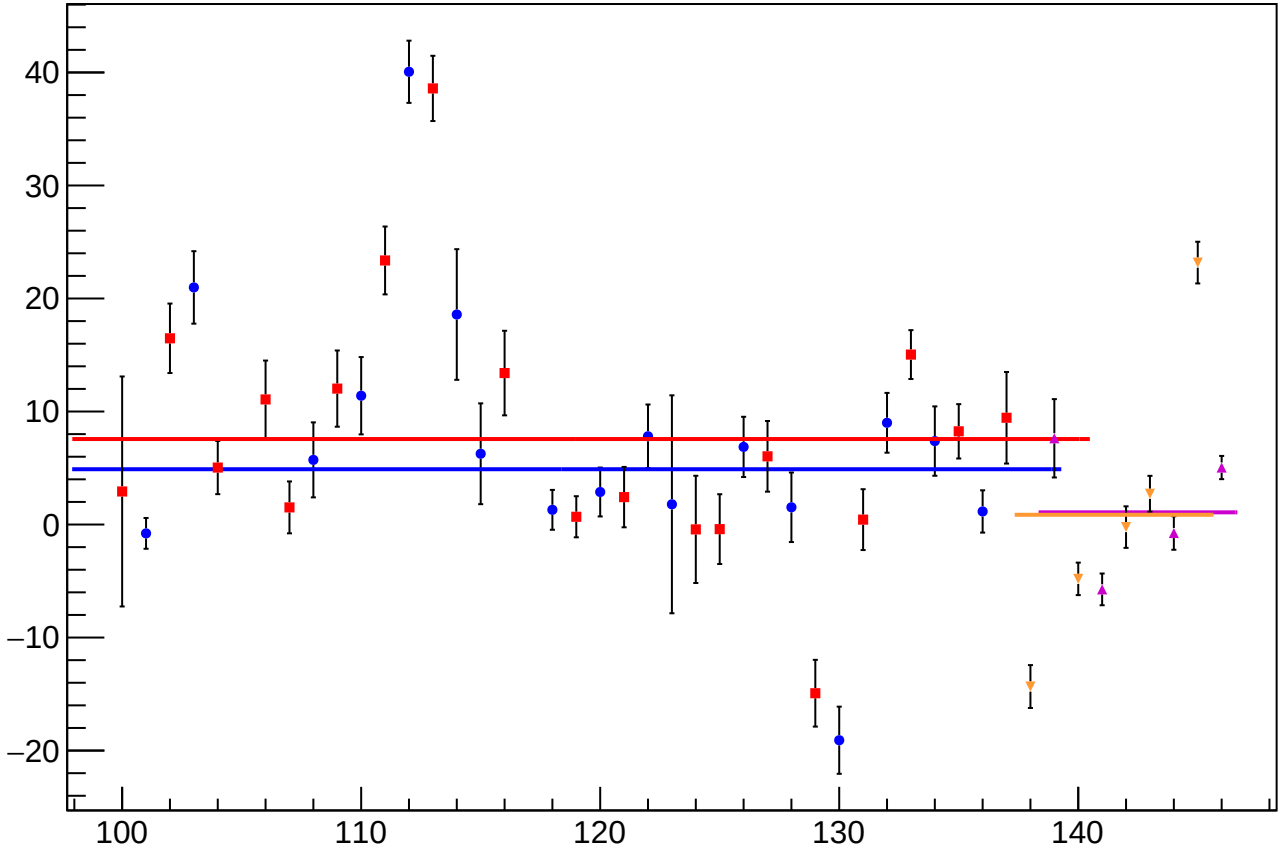
Left In: -76.108+/-0.961 χ^2/NDF:112.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -72.476+/-0.673 χ^2/NDF: 674.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 0.863+/-0.756 χ^2/NDF:227.8/4

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

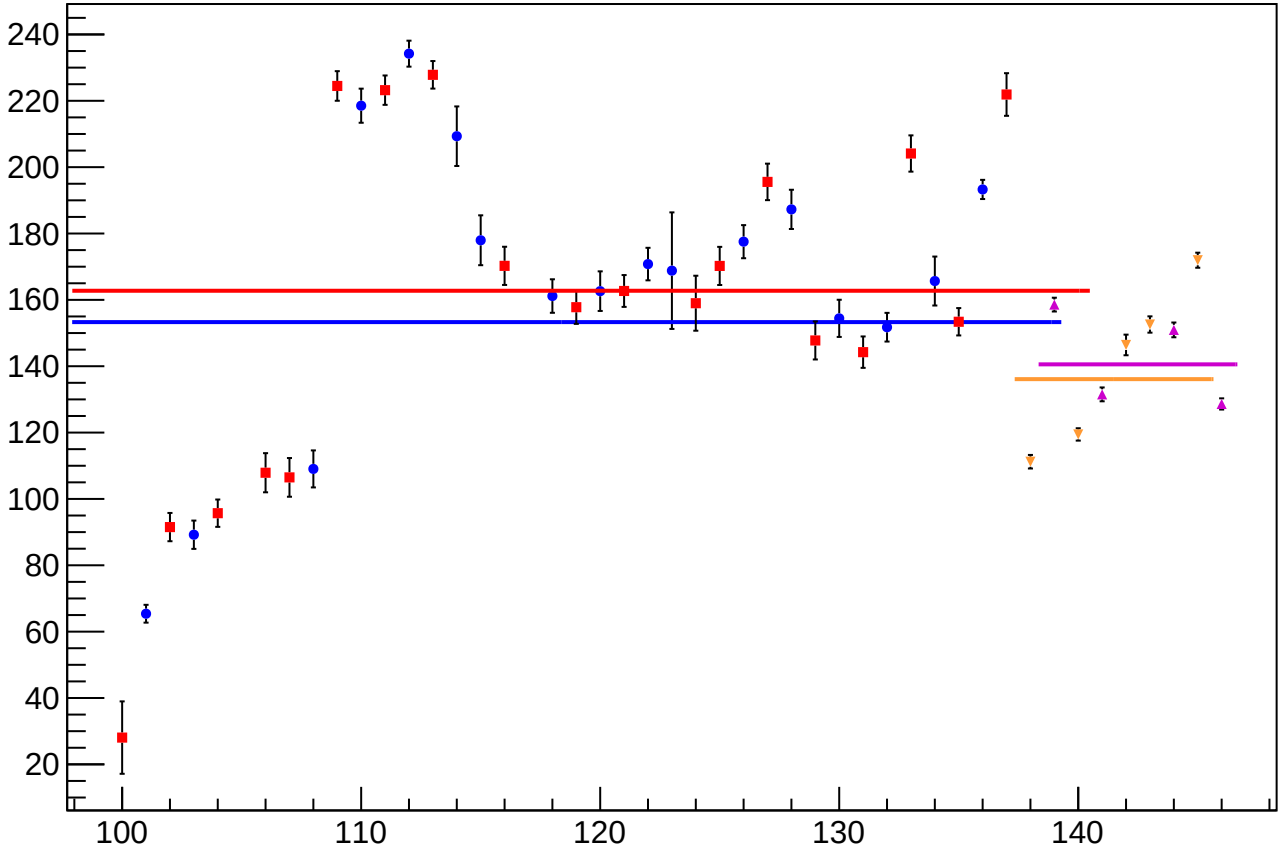
Left In: 1.080+/-0.708 χ^2/NDF:43.6/3

+ sign 3.270+/-0.480 χ^2/NDF: 540.2/21

All: 3.931+/-0.339 χ^2/NDF: 903.2/44

- sign 4.592+/-0.480 χ^2/NDF: 359.2/22

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 136.107+/-1.005 χ^2/NDF:533.4/4

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

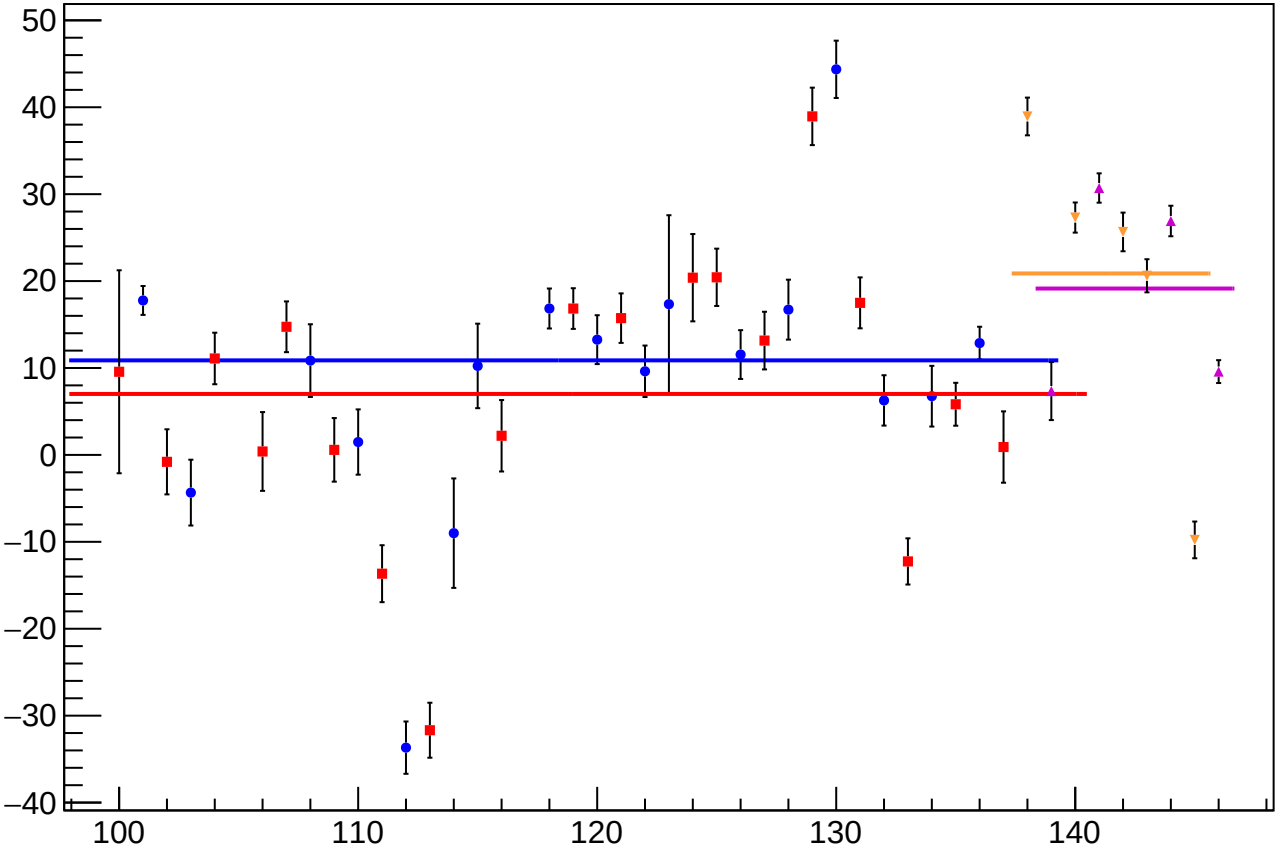
Left In: 140.563+/-0.993 χ^2/NDF:165.6/3

+ sign 143.591+/-0.755 χ^2/NDF: 2927.5/21

All: 146.677+/-0.535 χ^2/NDF: 5043.0/44

- sign 149.793+/-0.759 χ^2/NDF: 2081.9/22

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 20.876+/-0.896 χ^2/NDF:298.1/4

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

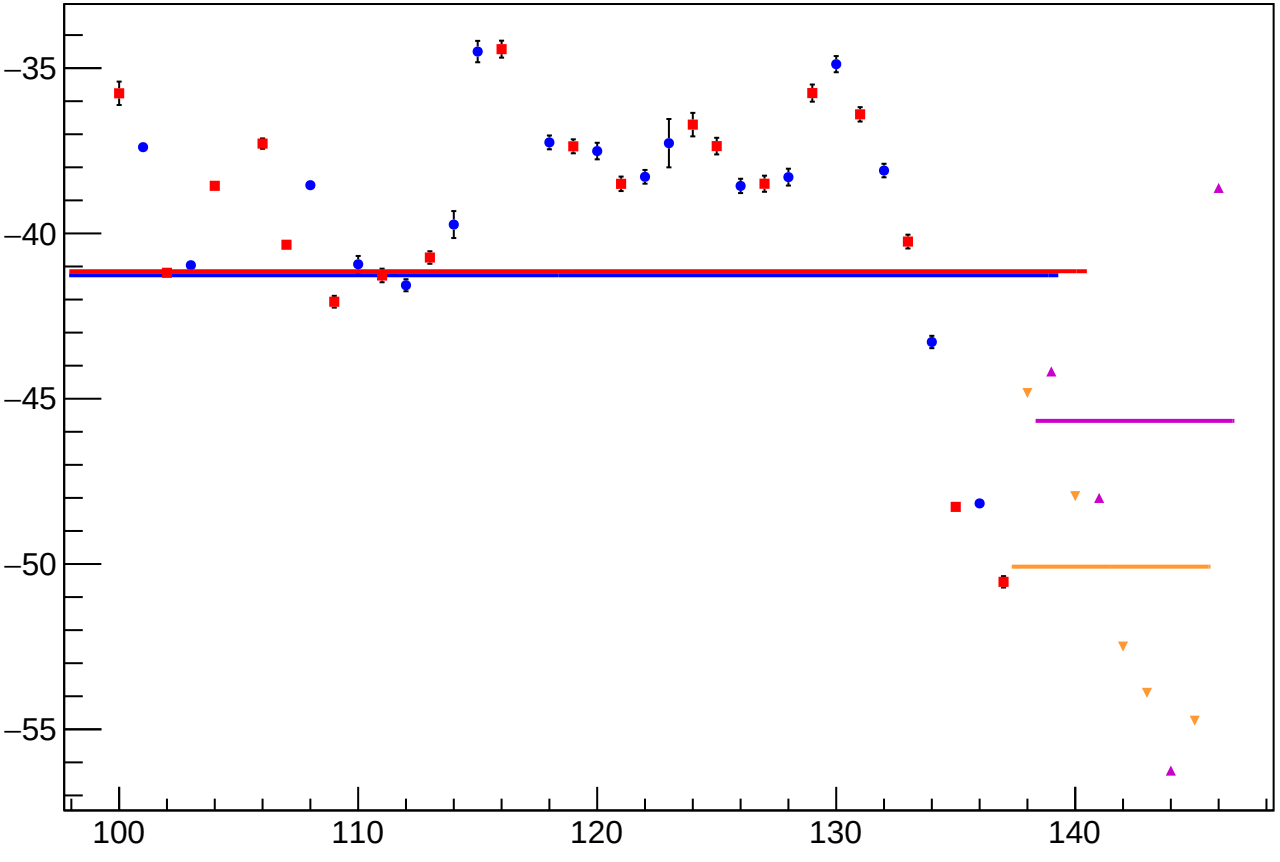
Left In: 19.142+/-0.863 χ^2/NDF:131.8/3

+ sign 14.759+/-0.558 χ^2/NDF: 762.5/21

All: 13.505+/-0.397 χ^2/NDF: 1441.8/44

- sign 12.218+/-0.565 χ^2/NDF: 669.1/22

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -50.080+/-0.041 χ^2/NDF:9486.4/4

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

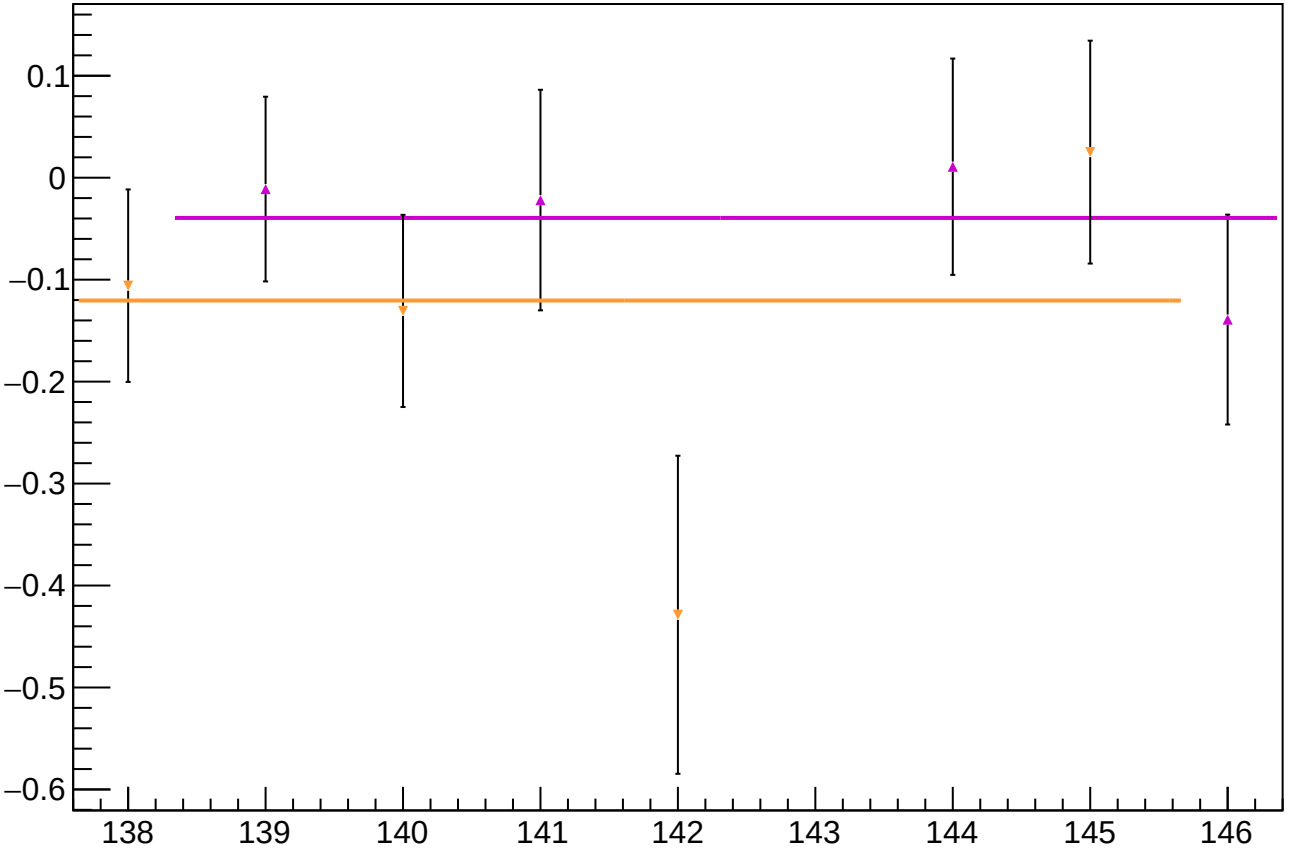
Left In: -45.670+/-0.041 χ^2/NDF:21191.6/3

+ sign -45.396+/-0.028 χ^2/NDF: 46627.4/21

All: -44.336+/-0.020 χ^2/NDF: 89358.5/44

- sign -43.275+/-0.028 χ^2/NDF: 39878.6/22

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.120+/-0.053 χ^2/NDF:5.7/3

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

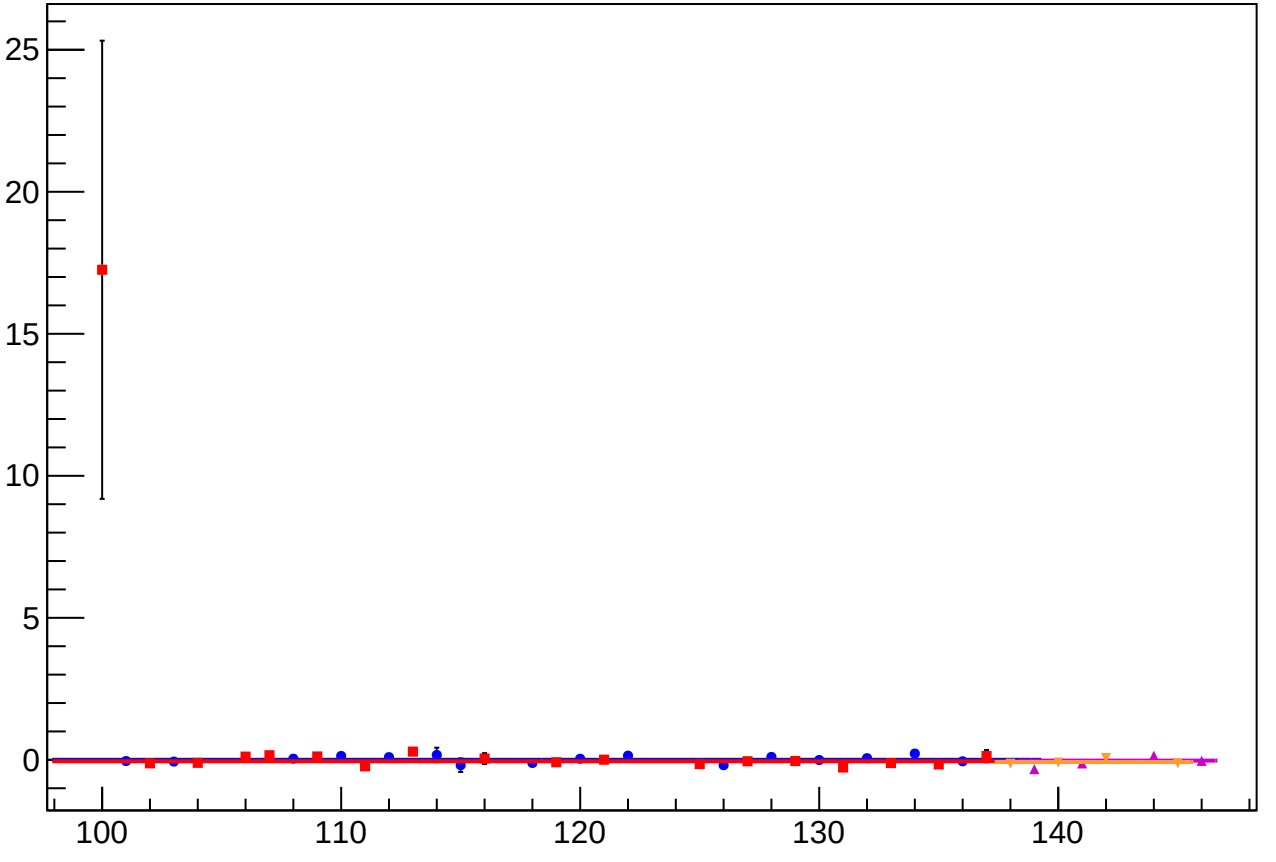
Left In: -0.039+/-0.051 χ^2/NDF:1.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.078+/-0.037 χ^2/NDF: 8.2/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.076+/-0.046 χ^2/NDF:2.6/3

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

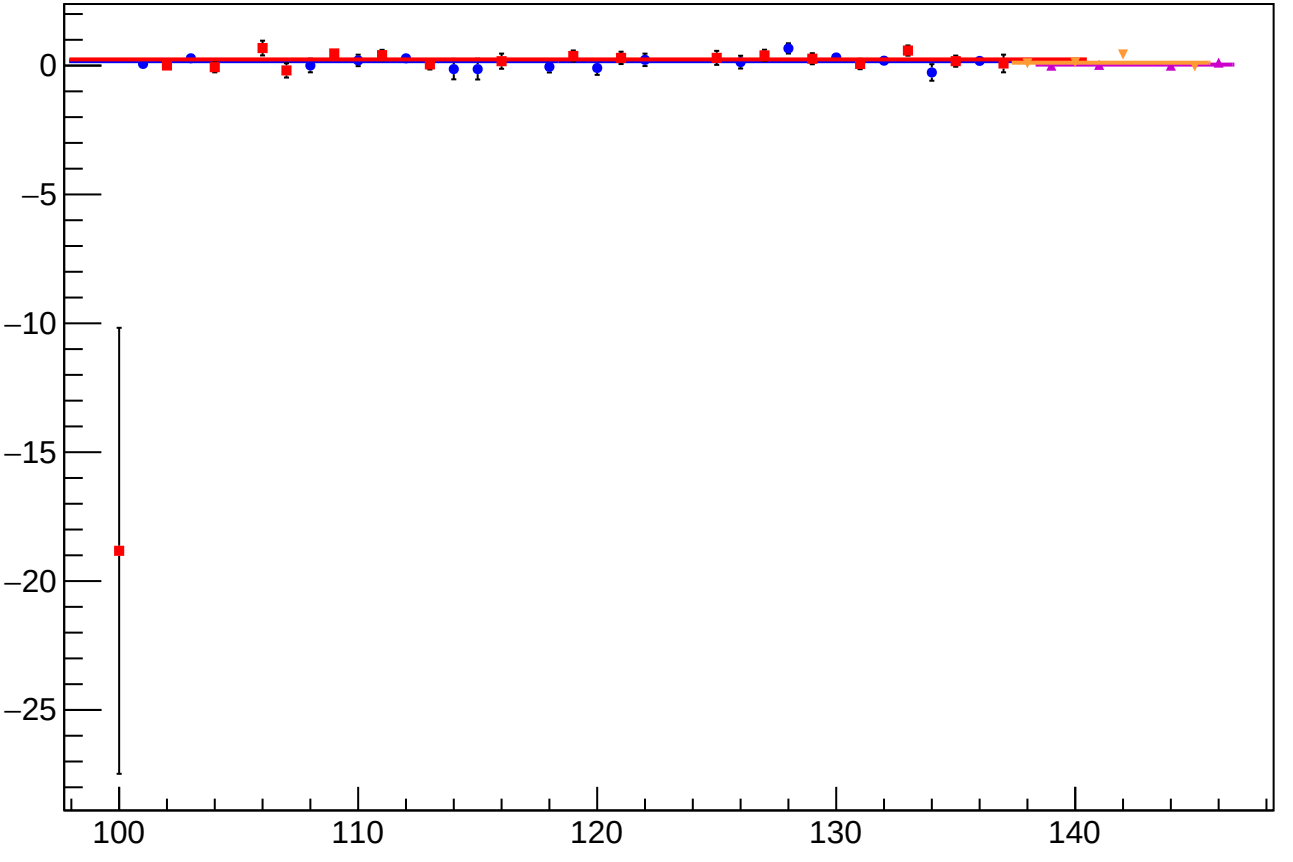
Left In: -0.027+/-0.039 χ^2/NDF:10.1/3

+ sign -0.020+/-0.024 χ^2/NDF: 17.3/19

All: -0.031+/-0.017 χ^2/NDF: 53.9/41

- sign -0.042+/-0.024 χ^2/NDF: 36.2/21

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.112+/-0.057 χ^2/NDF:5.3/3

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

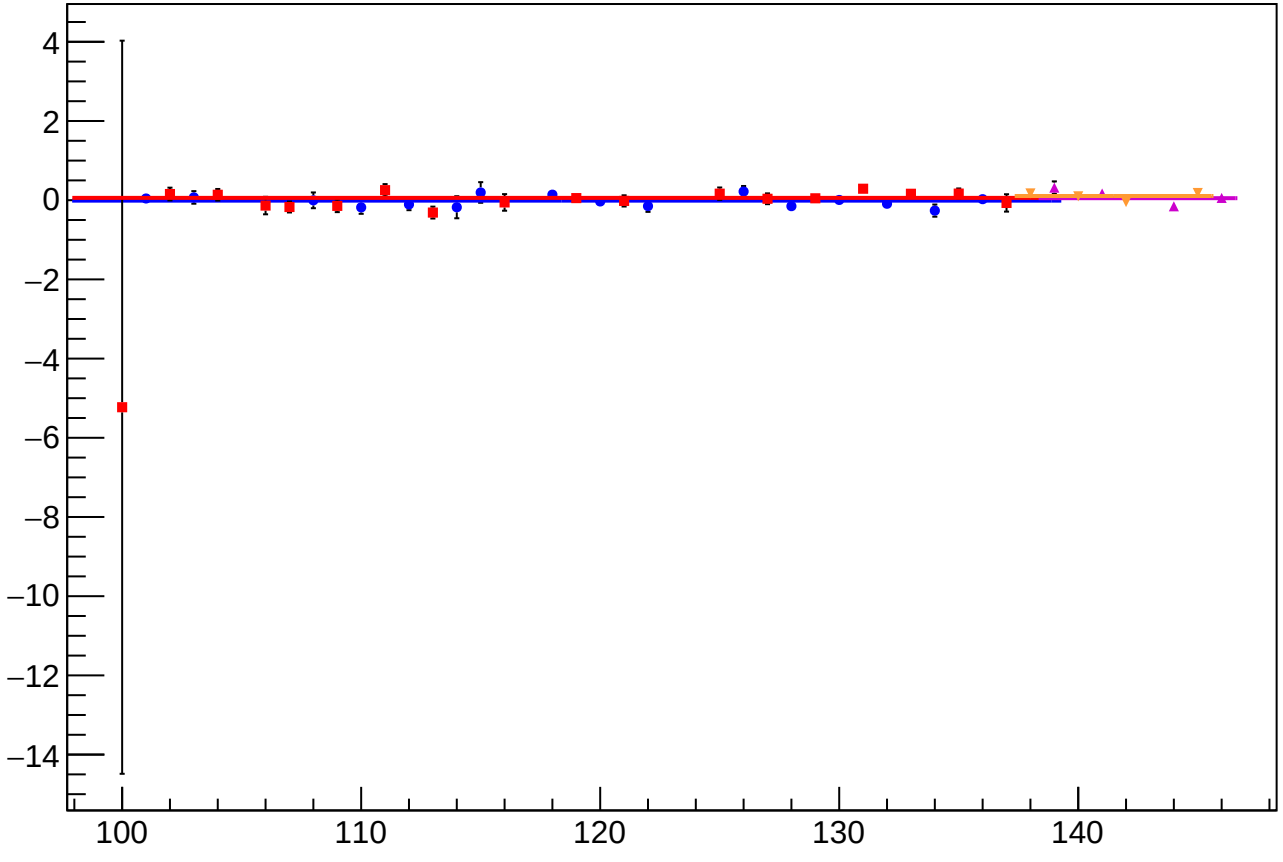
Left In: 0.038+/-0.053 χ^2/NDF:0.9/3

+ sign 0.144+/-0.039 χ^2/NDF: 19.5/19

All: 0.140+/-0.027 χ^2/NDF: 49.4/41

- sign 0.136+/-0.038 χ^2/NDF: 29.8/21

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.106+/-0.053 χ^2/NDF:2.5/3

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

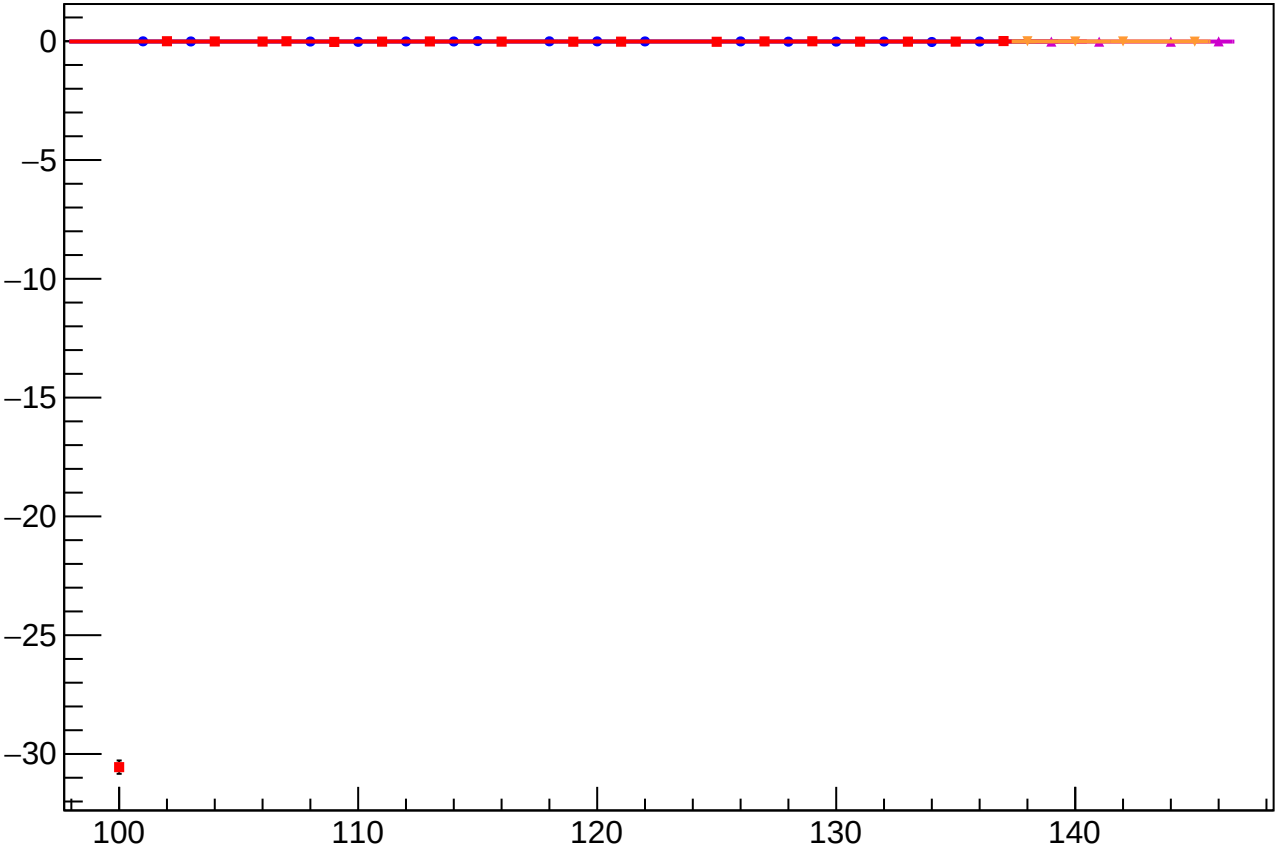
Left In: 0.051+/-0.047 χ^2/NDF:9.7/3

+ sign 0.021+/-0.028 χ^2/NDF: 19.8/19

All: 0.039+/-0.020 χ^2/NDF: 50.8/41

- sign 0.056+/-0.028 χ^2/NDF: 30.3/21

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.009+/-0.002 χ^2/NDF:6.9/3

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

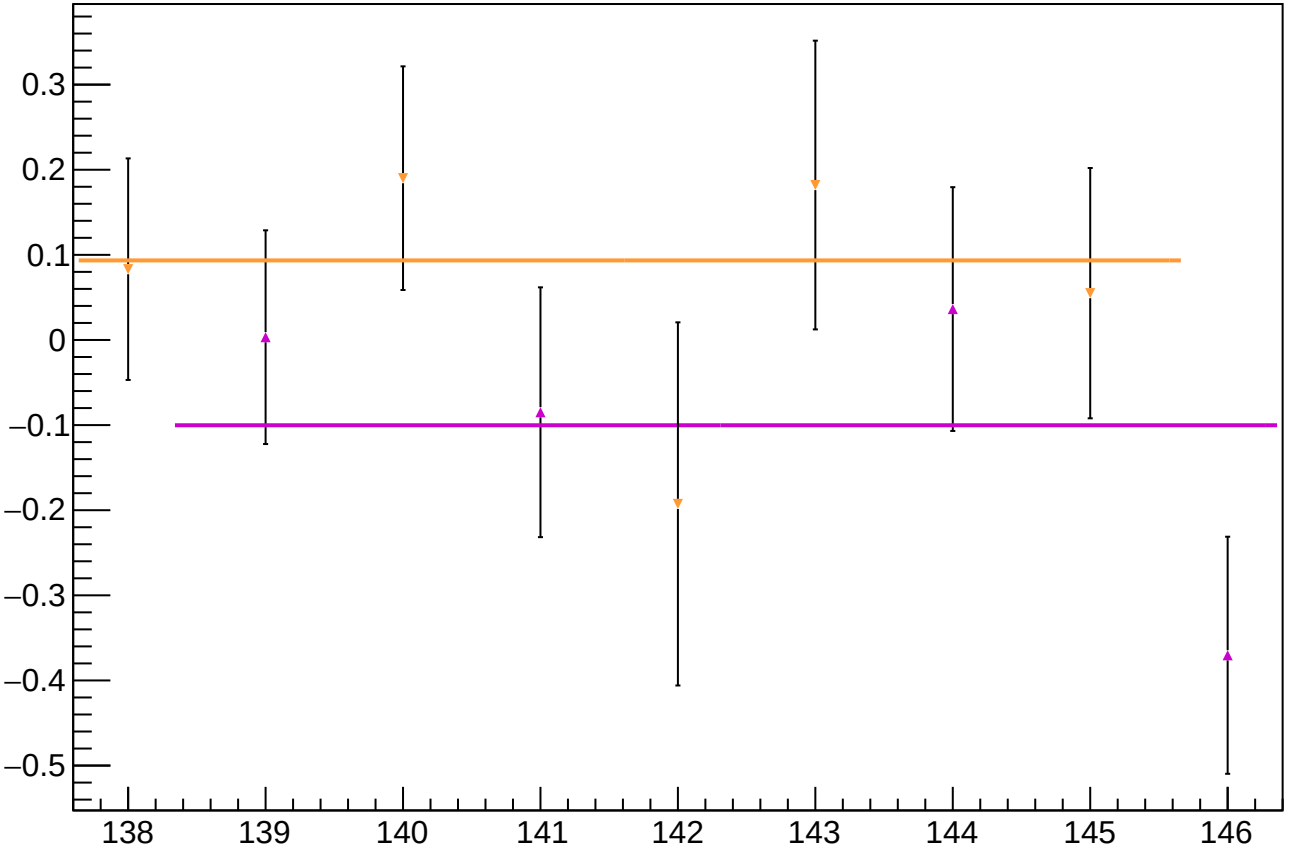
Left In: -0.015+/-0.002 χ^2/NDF:5.0/3

+ sign -0.011+/-0.001 χ^2/NDF: 20.7/19

All: -0.012+/-0.001 χ^2/NDF: 11919.7/41

- sign -0.013+/-0.001 χ^2/NDF: 11897.4/21

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: 0.093+/-0.067 χ^2/NDF:2.7/4

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

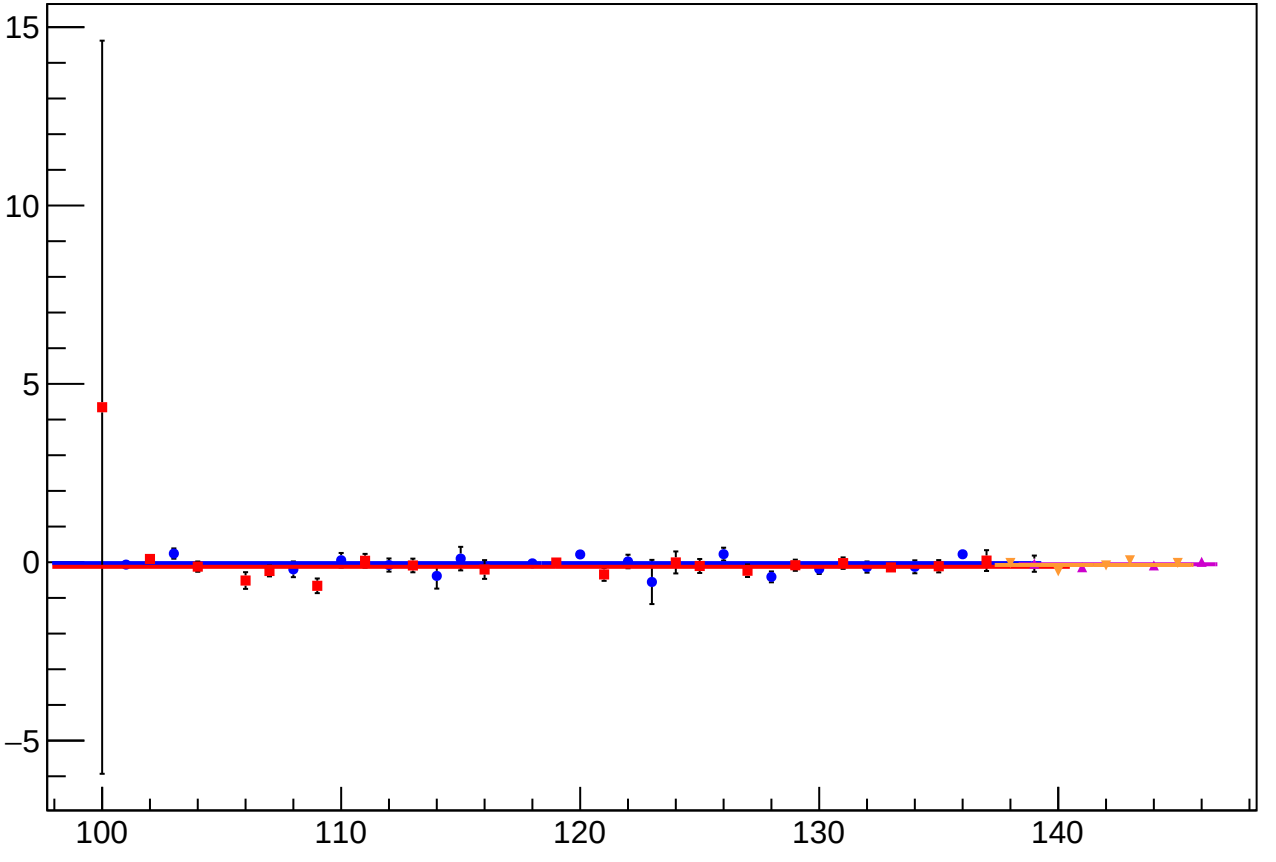
Left In: -0.100+/-0.069 χ^2/NDF:5.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.001+/-0.048 χ^2/NDF: 12.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.076+/-0.055 χ^2/NDF:4.3/4

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

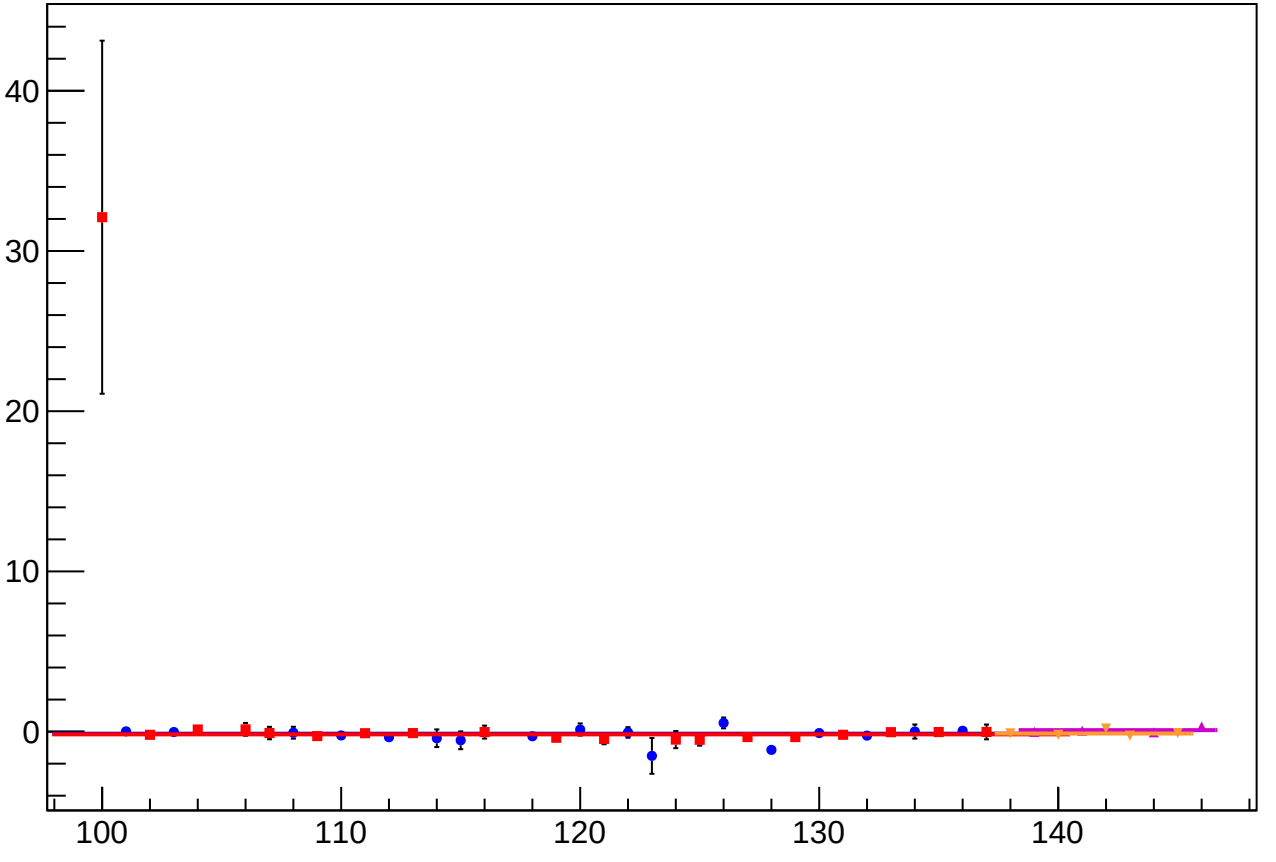
Left In: -0.057+/-0.053 χ^2/NDF:1.4/3

+ sign -0.040+/-0.030 χ^2/NDF: 28.3/21

All: -0.070+/-0.022 χ^2/NDF: 50.5/44

- sign -0.103+/-0.032 χ^2/NDF: 20.2/22

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.120+/-0.072 χ^2/NDF:2.7/4

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

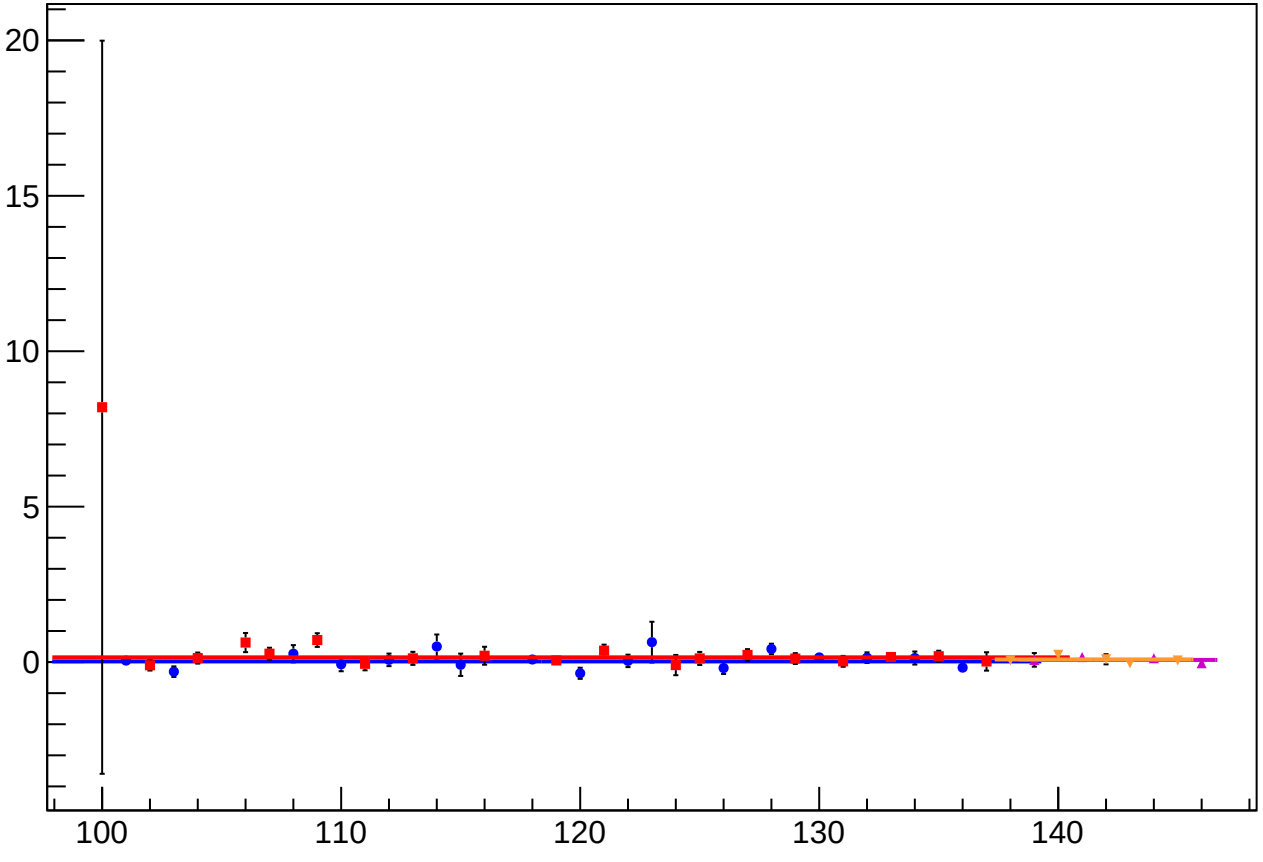
Left In: 0.092+/-0.072 χ^2/NDF:4.5/3

+ sign -0.125+/-0.049 χ^2/NDF: 26.5/21

All: -0.084+/-0.035 χ^2/NDF: 54.2/44

- sign -0.041+/-0.050 χ^2/NDF: 26.3/22

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.084+/-0.065 χ^2/NDF:2.2/4

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

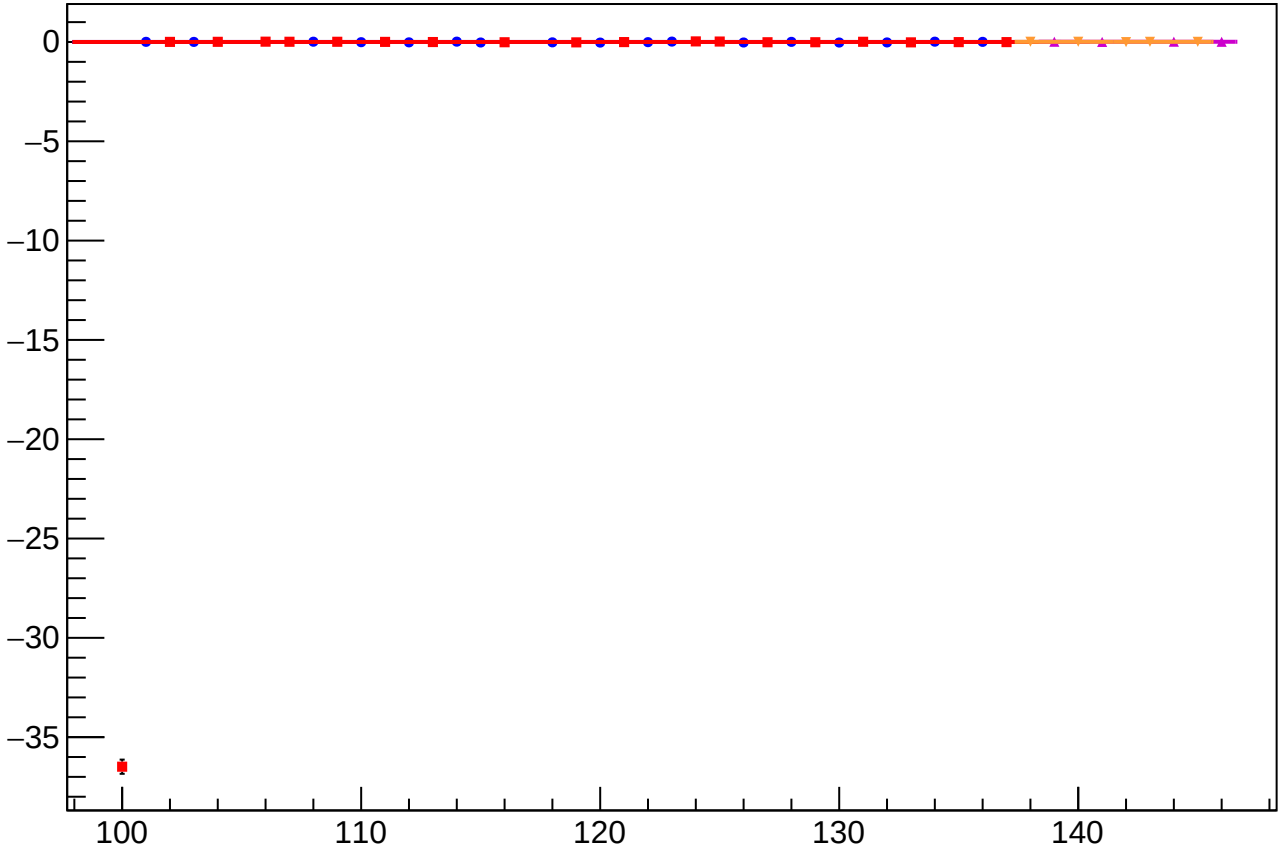
Left In: 0.069+/-0.064 χ^2/NDF:1.8/3

+ sign 0.039+/-0.035 χ^2/NDF: 25.4/21

All: 0.080+/-0.026 χ^2/NDF: 47.2/44

- sign 0.124+/-0.037 χ^2/NDF: 19.1/22

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.009+/-0.003 χ^2/NDF:3.2/4

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

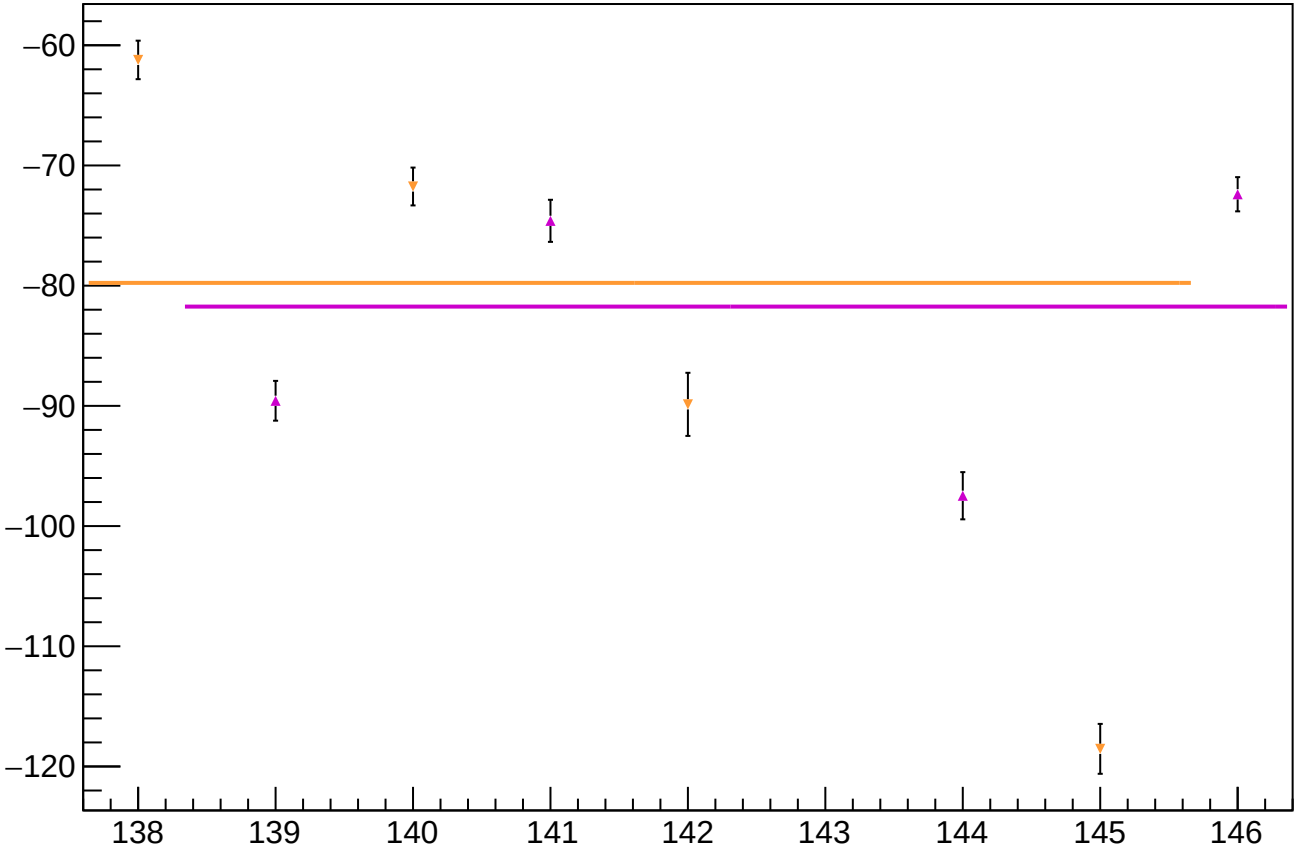
Left In: 0.011+/-0.003 χ^2/NDF:2.0/3

+ sign 0.004+/-0.002 χ^2/NDF: 39.7/21

All: 0.004+/-0.001 χ^2/NDF: 10498.3/44

- sign 0.005+/-0.002 χ^2/NDF: 10458.5/22

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -79.769+/-0.924 χ^2/NDF:523.7/3

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

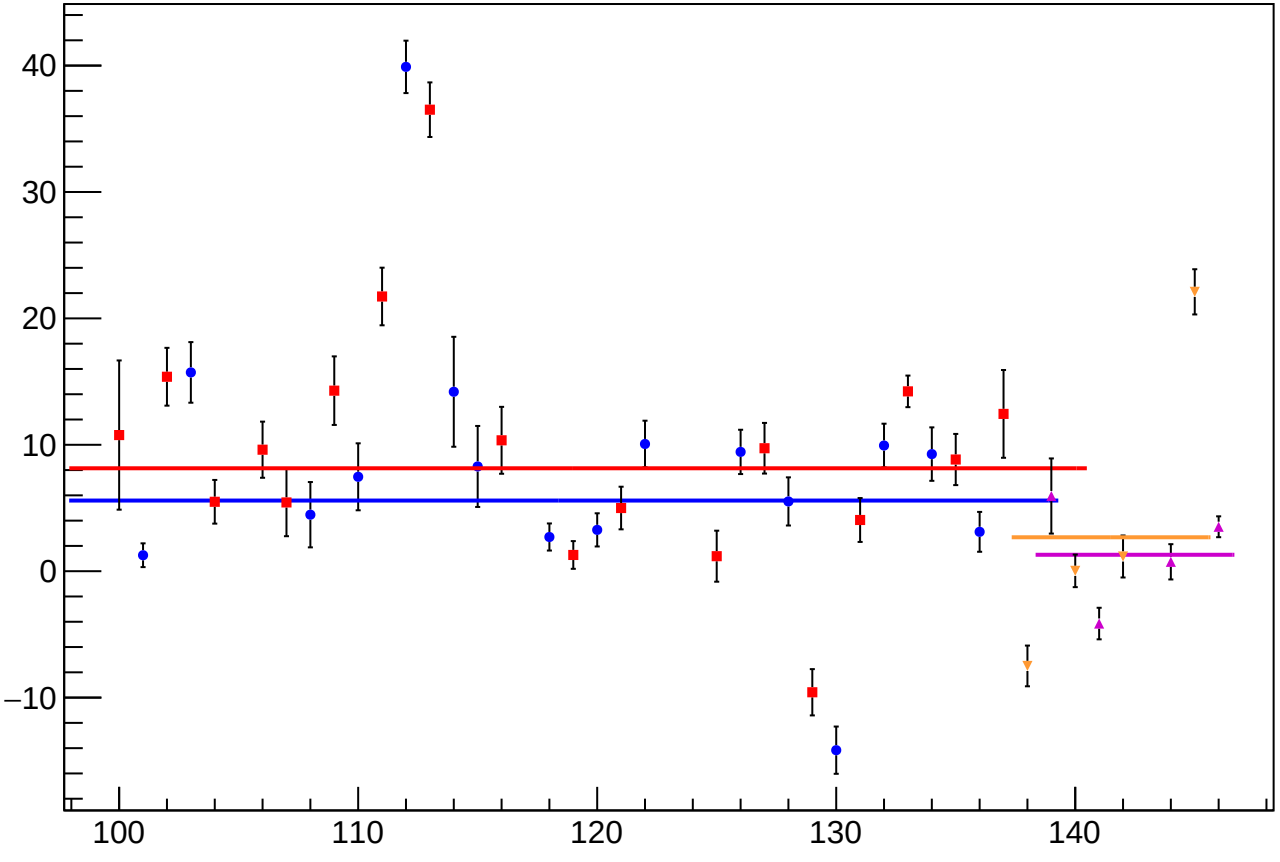
Left In: -81.741+/-0.832 χ^2/NDF:146.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -80.858+/-0.618 χ^2/NDF: 672.5/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 2.683+/-0.776 χ^2/NDF:162.9/3

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

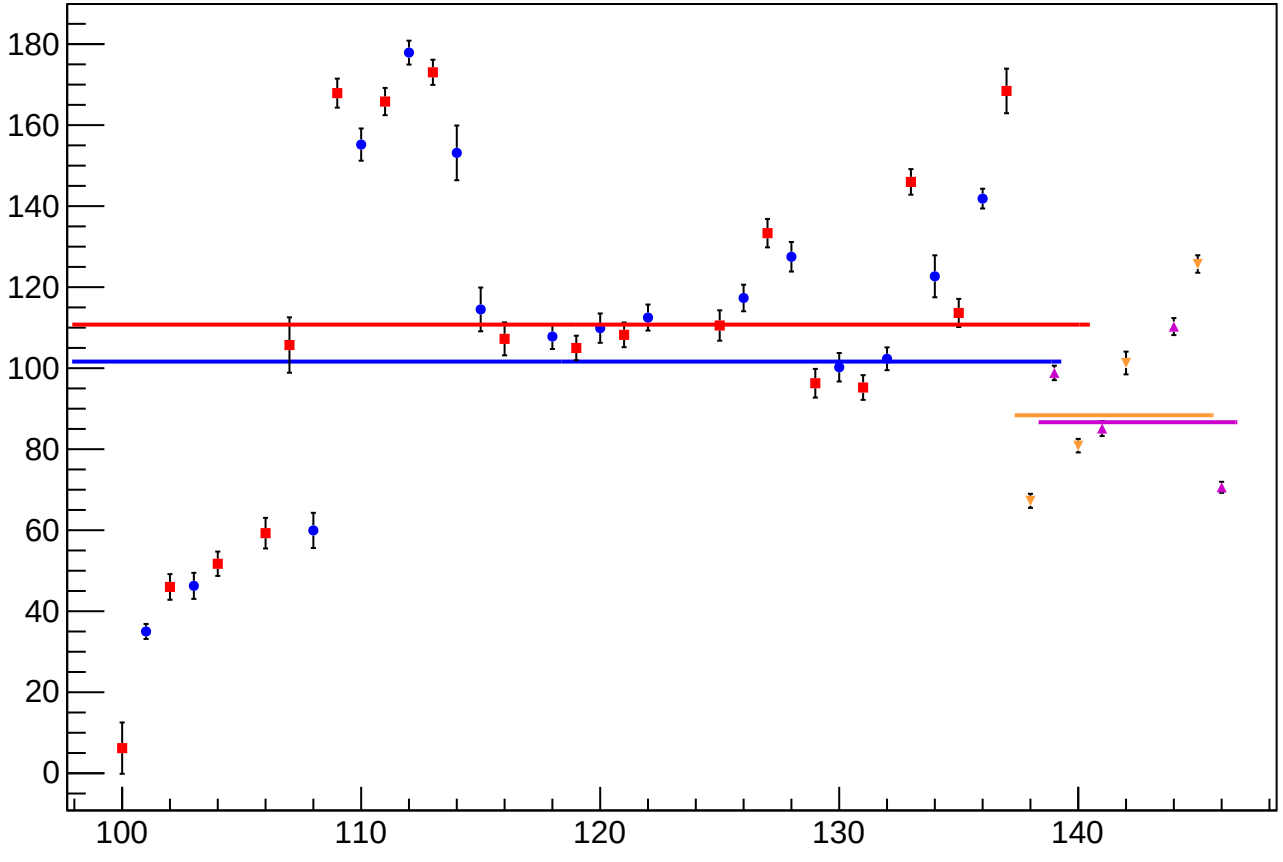
Left In: 1.299+/-0.605 χ^2/NDF:28.8/3

+ sign 4.922+/-0.372 χ^2/NDF: 636.5/19

All: 5.309+/-0.260 χ^2/NDF: 1157.1/41

- sign 5.678+/-0.363 χ^2/NDF: 518.5/21

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 88.379+/-0.985 χ^2/NDF:489.5/3

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

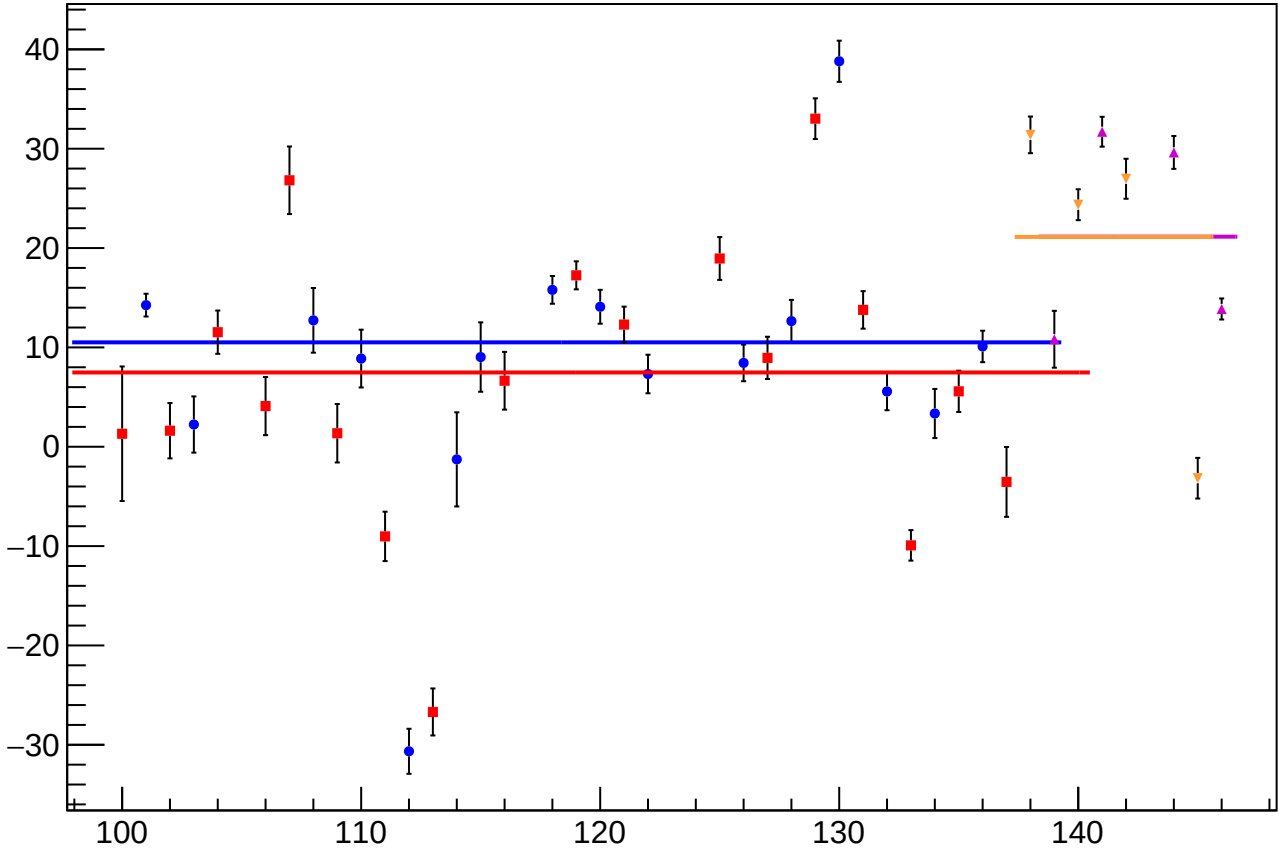
Left In: 86.660+/-0.855 χ^2/NDF:313.0/3

+ sign 96.312+/-0.624 χ^2/NDF: 3576.6/19

All: 97.702+/-0.432 χ^2/NDF: 6817.9/41

- sign 98.977+/-0.598 χ^2/NDF: 3231.8/21

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 21.121+/-0.916 χ^2/NDF:184.7/3

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

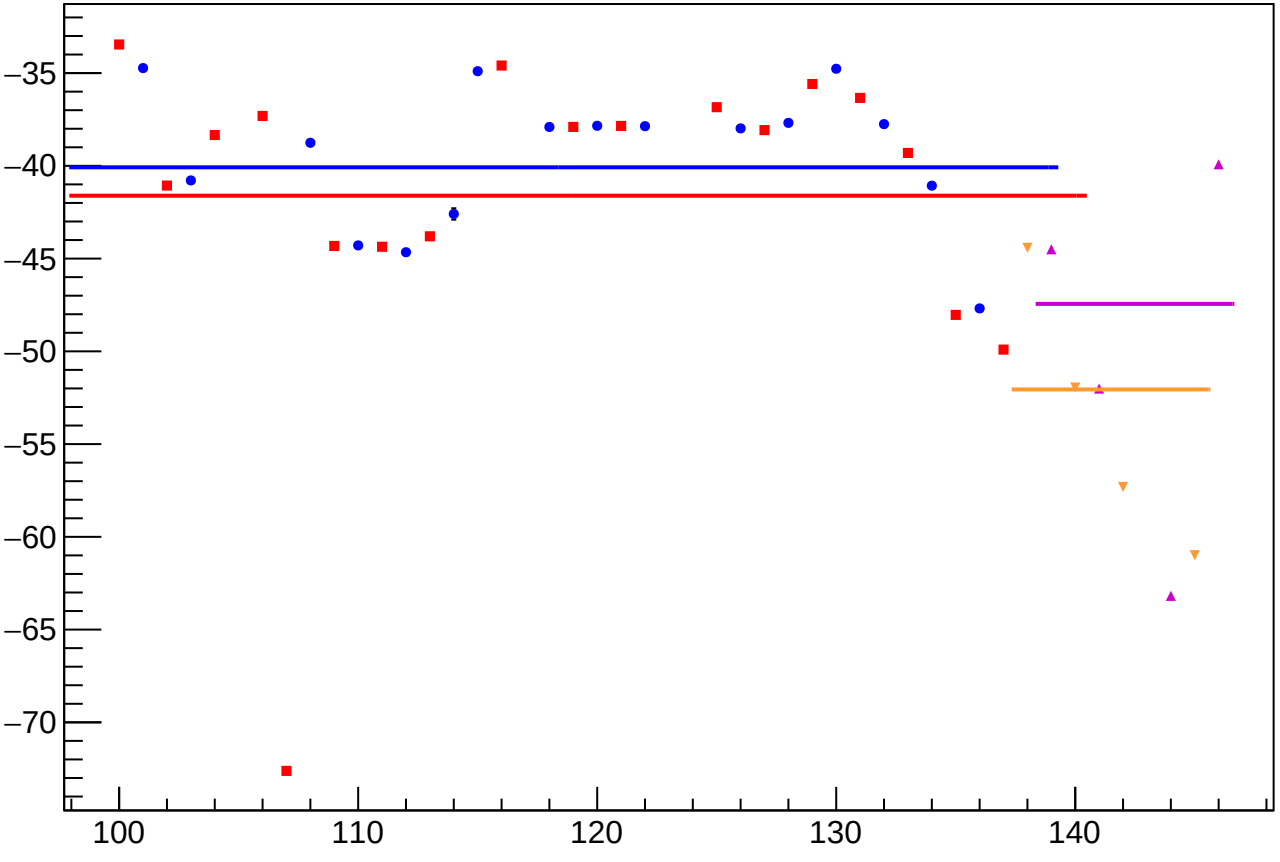
Left In: 21.147+/-0.741 χ^2/NDF:136.0/3

+ sign 12.887+/-0.433 χ^2/NDF: 870.5/19

All: 12.457+/-0.304 χ^2/NDF: 1924.8/41

- sign 12.038+/-0.428 χ^2/NDF: 1052.4/21

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -52.055+/-0.040 χ^2/NDF:25498.2/3

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

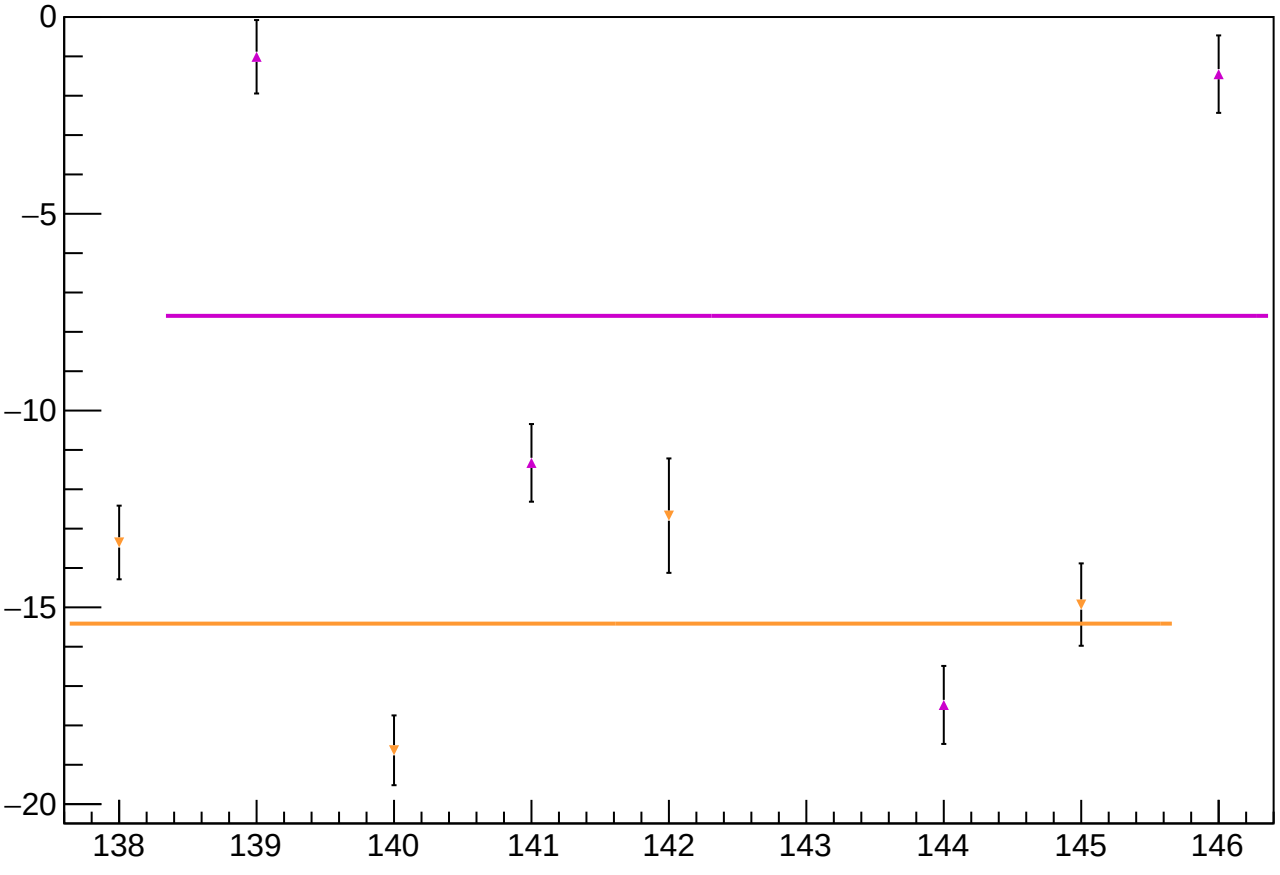
Left In: -47.442+/-0.035 χ^2/NDF:49508.9/3

+ sign -44.008+/-0.023 χ^2/NDF: 109787.3/19

All: -43.960+/-0.016 χ^2/NDF: 237564.0/41

- sign -43.916+/-0.022 χ^2/NDF: 127768.6/21

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -15.413+/-0.513 χ^2/NDF:21.8/3

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

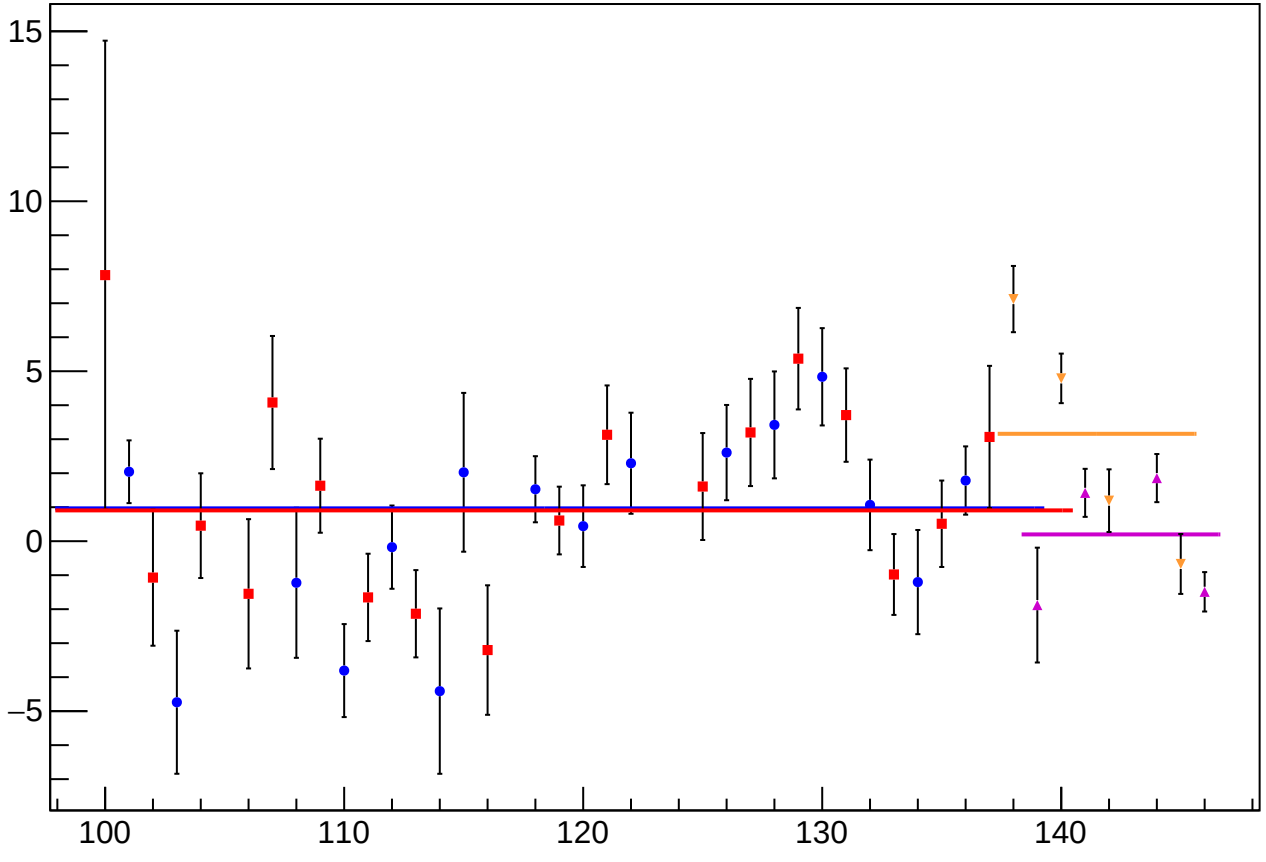
Left In: -7.593+/-0.486 χ^2/NDF:202.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.296+/-0.353 χ^2/NDF: 346.8/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965+/-0.338 χ^2/NDF: 42.9/15

Left Out: 3.159+/-0.430 χ^2/NDF:45.0/3

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

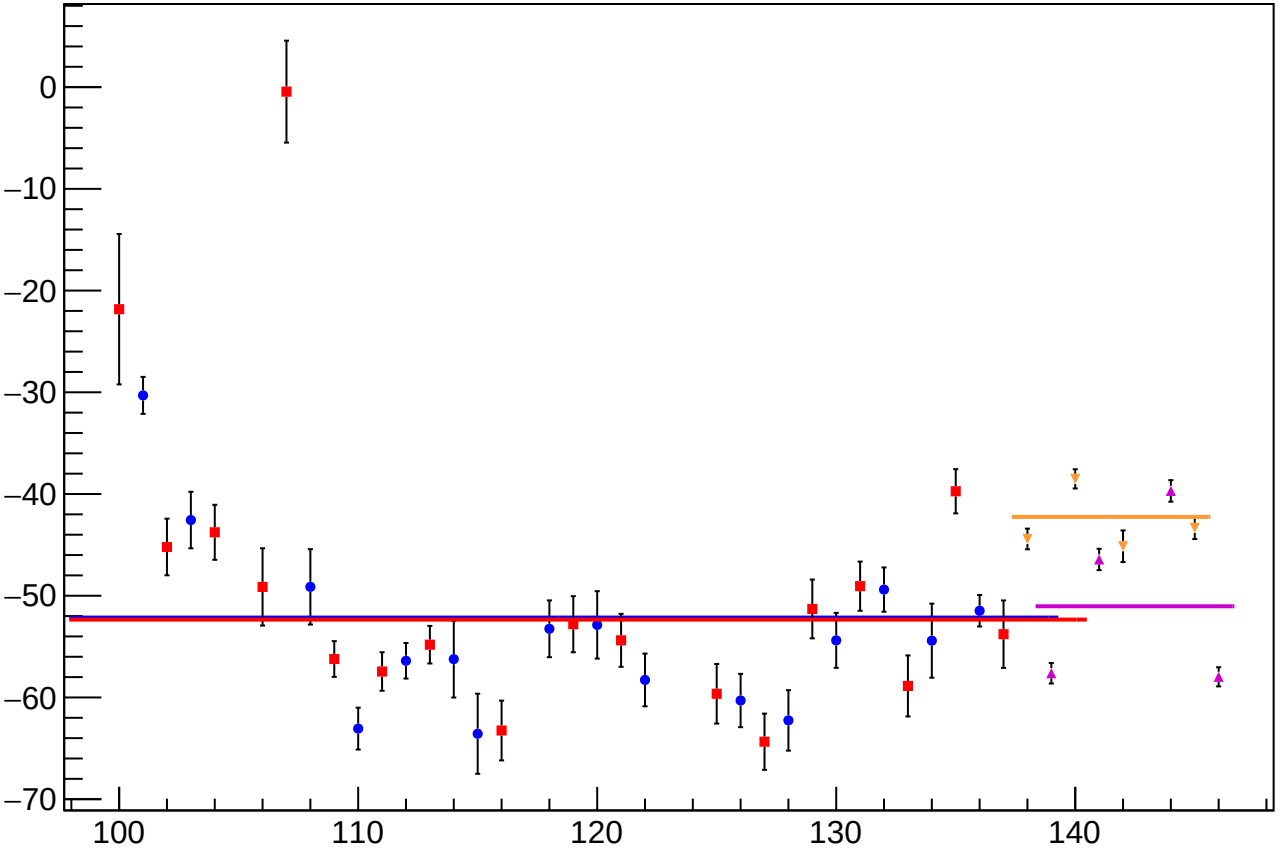
Left In: 0.199+/-0.369 χ^2/NDF:18.5/3

+ sign 1.803+/-0.266 χ^2/NDF: 104.0/19

All: 1.161+/-0.184 χ^2/NDF: 177.5/41

- sign 0.568+/-0.256 χ^2/NDF: 62.4/21

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -42.250+/-0.548 χ^2/NDF:24.6/3

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

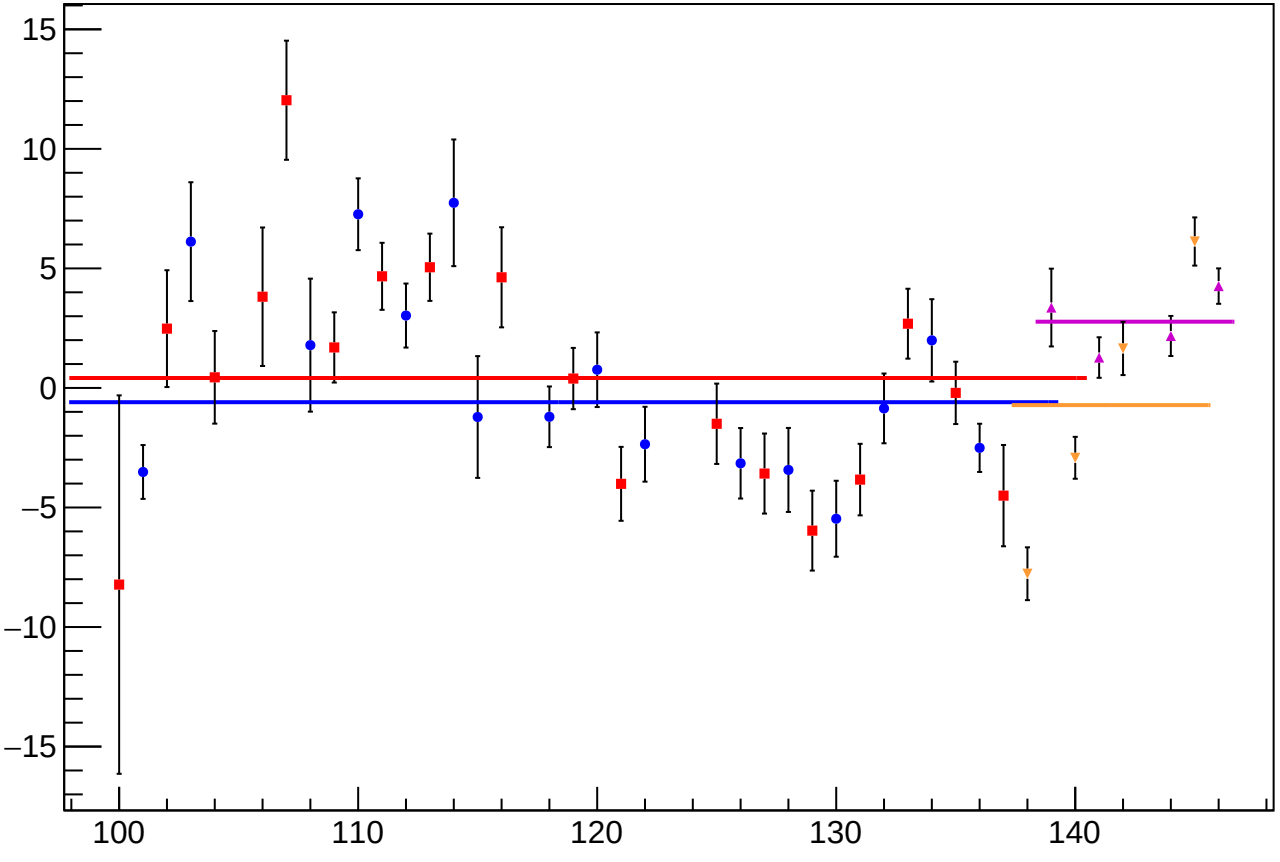
Left In: -51.035+/-0.506 χ^2/NDF:230.4/3

+ sign -46.653+/-0.408 χ^2/NDF: 400.1/19

All: -49.214+/-0.282 χ^2/NDF: 944.5/41

- sign -51.564+/-0.391 χ^2/NDF: 468.9/21

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: -0.717+/-0.506 χ^2/NDF:97.7/3

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

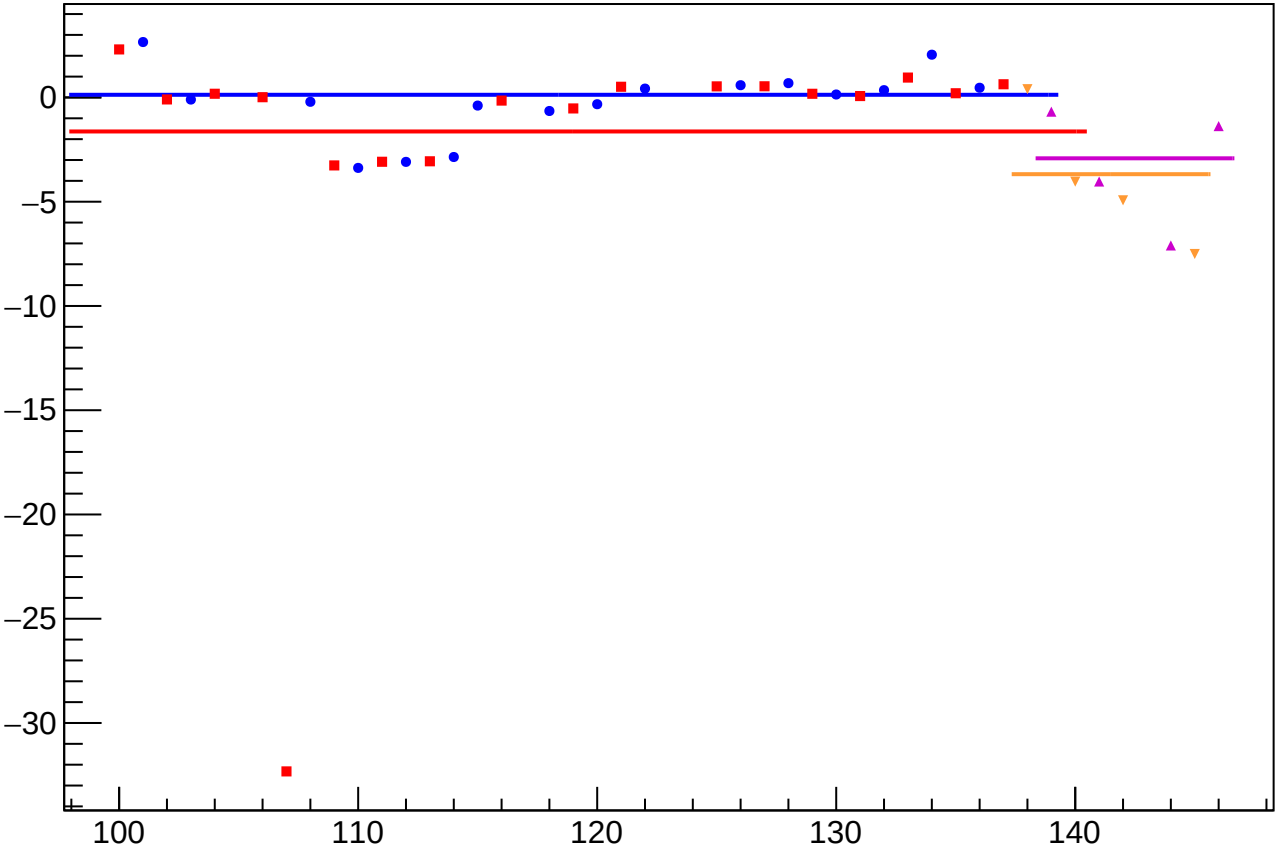
Left In: 2.771+/-0.447 χ^2/NDF:7.8/3

+ sign -0.640+/-0.306 χ^2/NDF: 180.3/19

All: 0.439+/-0.213 χ^2/NDF: 323.6/41

- sign 1.463+/-0.298 χ^2/NDF: 119.0/21

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -3.680+/-0.022 χ^2/NDF:18862.4/3

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

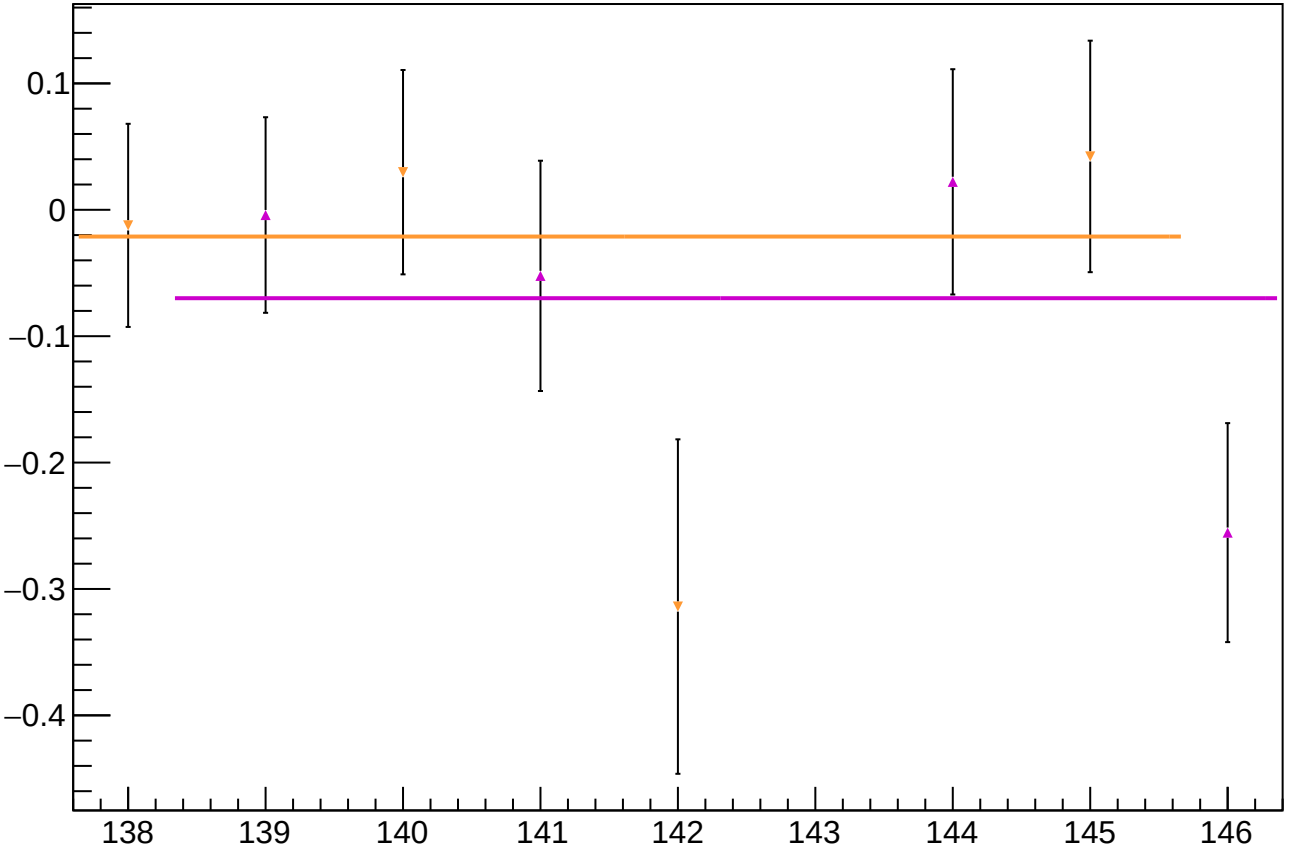
Left In: -2.919+/-0.021 χ^2/NDF:14018.0/3

+ sign -1.711+/-0.015 χ^2/NDF: 39271.6/19

All: -2.019+/-0.011 χ^2/NDF: 133774.9/41

- sign -2.309+/-0.015 χ^2/NDF: 93732.8/21

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.021+/-0.045 χ^2/NDF:5.8/3

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

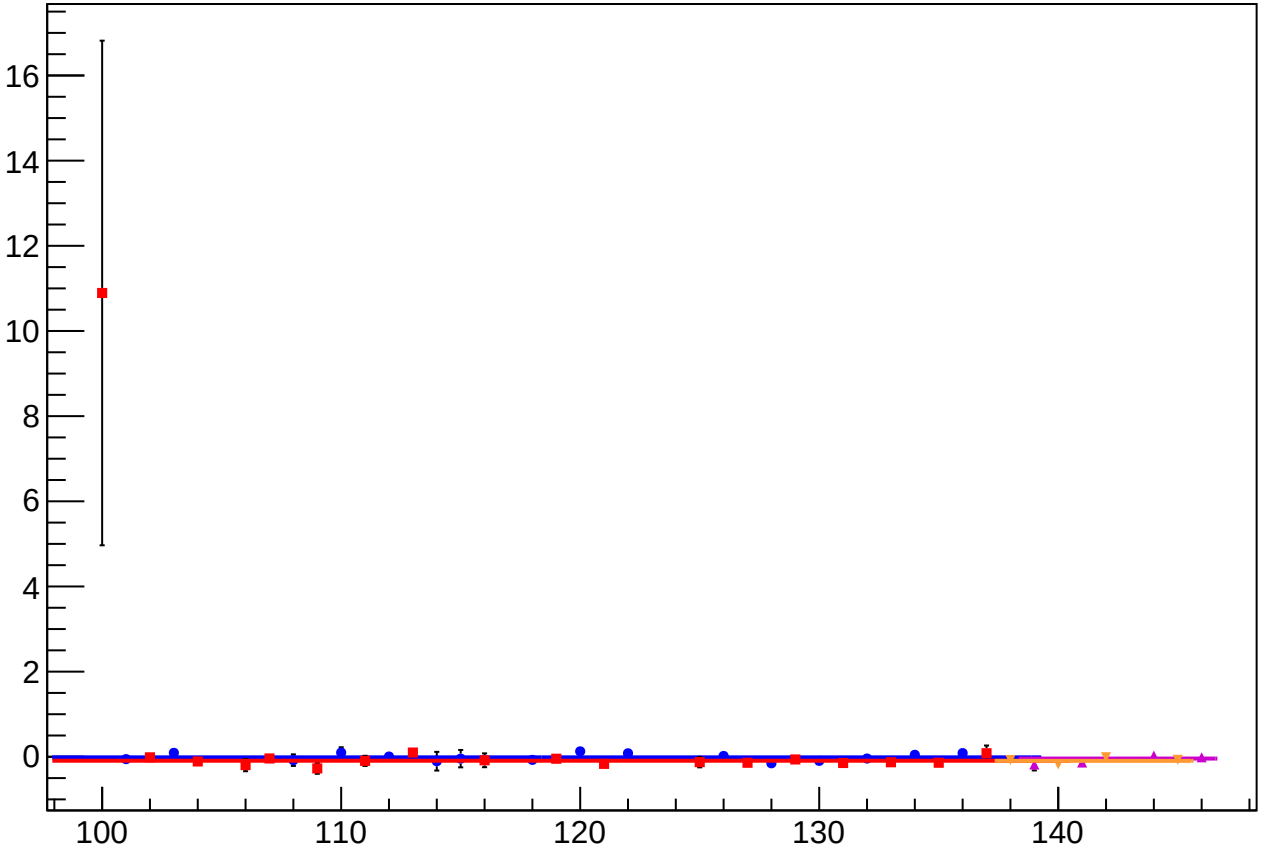
Left In: -0.070+/-0.043 χ^2/NDF:6.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.047+/-0.031 χ^2/NDF: 12.8/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013+/-0.023 χ^2/NDF: 12.2/15

Left Out: -0.095+/-0.039 χ^2/NDF:2.6/3

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

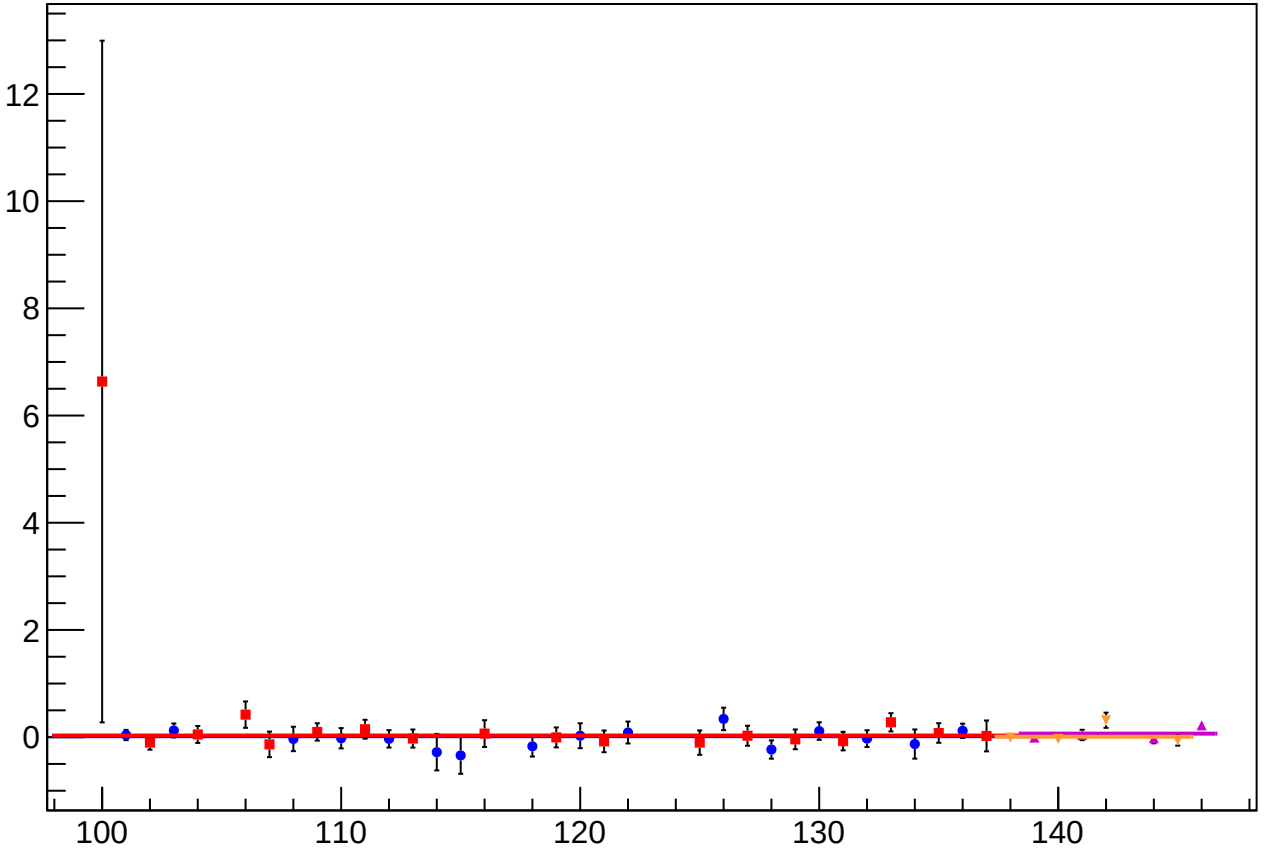
Left In: -0.041+/-0.033 χ^2/NDF:4.5/3

+ sign -0.035+/-0.020 χ^2/NDF: 18.2/19

All: -0.054+/-0.014 χ^2/NDF: 38.8/41

- sign -0.074+/-0.020 χ^2/NDF: 18.7/21

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.008+/-0.049 χ^2/NDF:5.5/3

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

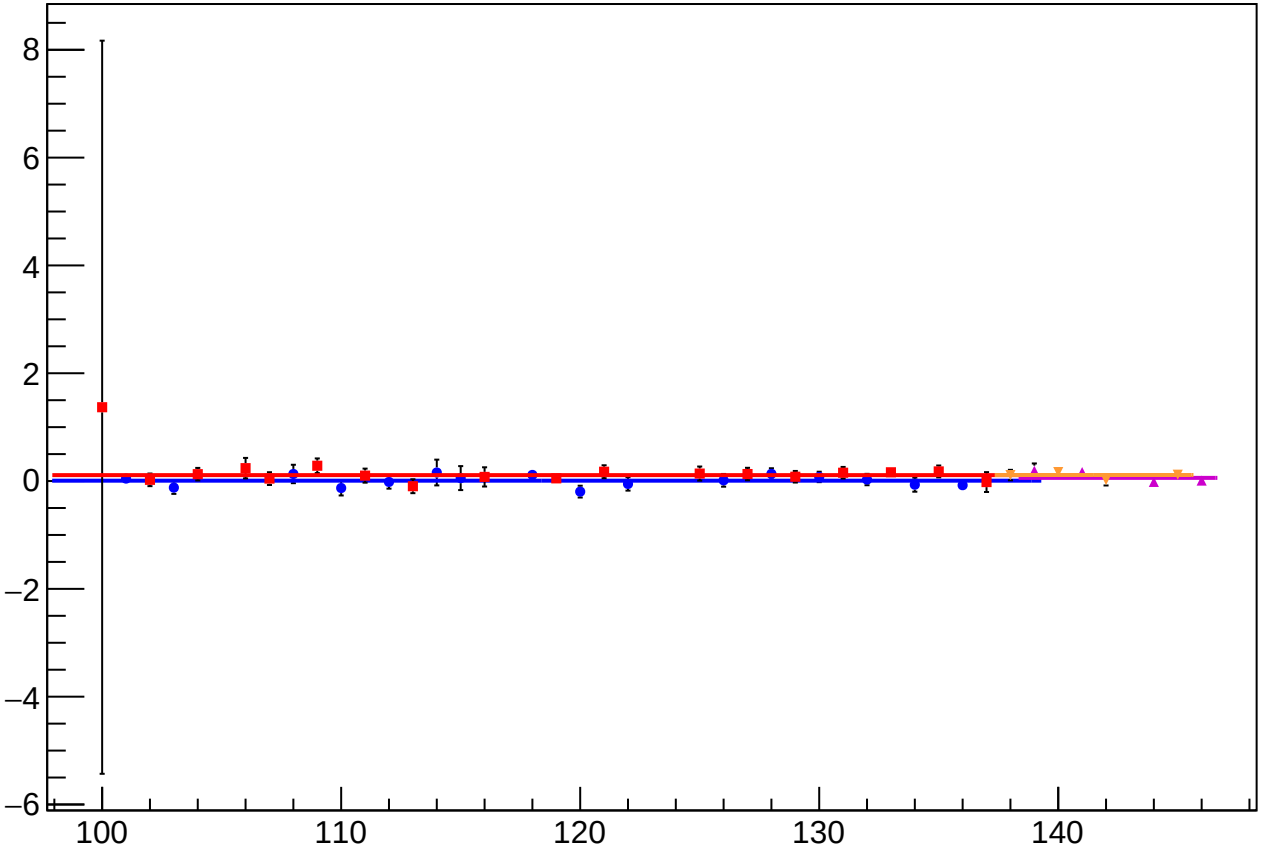
Left In: 0.065+/-0.045 χ^2/NDF:5.2/3

+ sign 0.013+/-0.032 χ^2/NDF: 15.2/19

All: 0.031+/-0.023 χ^2/NDF: 30.4/41

- sign 0.048+/-0.032 χ^2/NDF: 14.7/21

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.112+/-0.045 χ^2/NDF:1.3/3

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

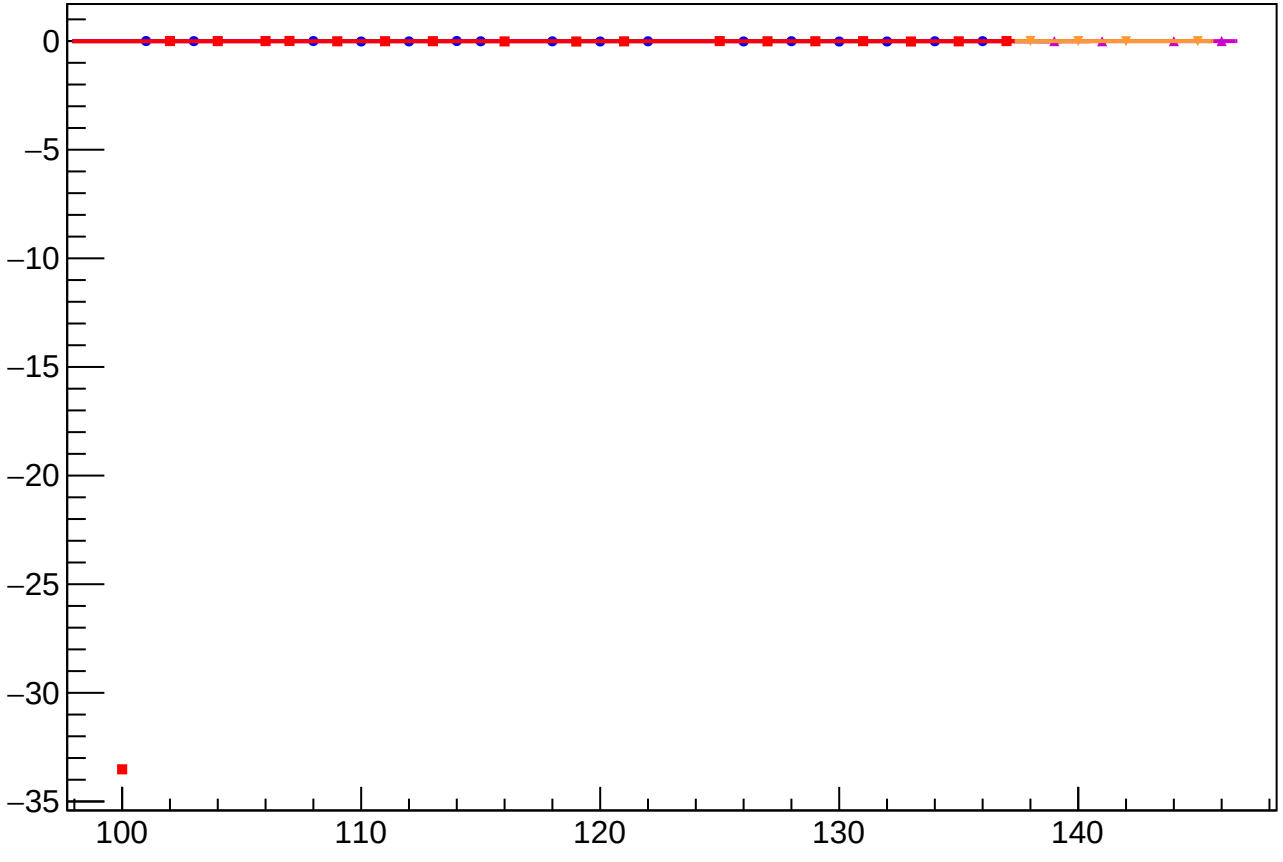
Left In: 0.059+/-0.040 χ^2/NDF:4.4/3

+ sign 0.034+/-0.023 χ^2/NDF: 17.4/19

All: 0.063+/-0.016 χ^2/NDF: 34.0/41

- sign 0.093+/-0.023 χ^2/NDF: 13.5/21

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: -0.000+/-0.002 χ^2/NDF:5.7/3

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

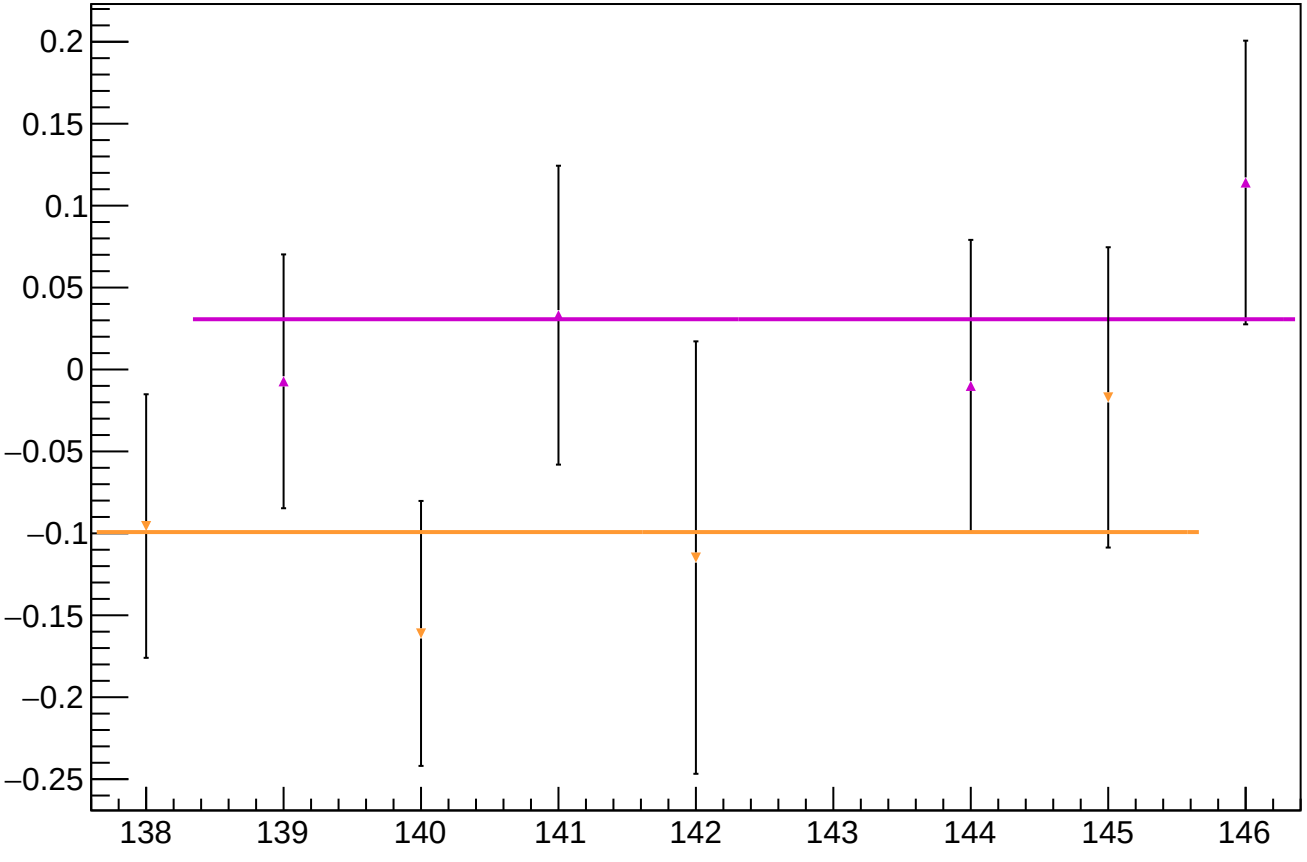
Left In: -0.002+/-0.002 χ^2/NDF:2.9/3

+ sign -0.004+/-0.001 χ^2/NDF: 32.8/19

All: -0.004+/-0.001 χ^2/NDF: 26547.8/41

- sign -0.004+/-0.001 χ^2/NDF: 26514.8/21

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.099+/-0.045 χ^2/NDF:1.4/3

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

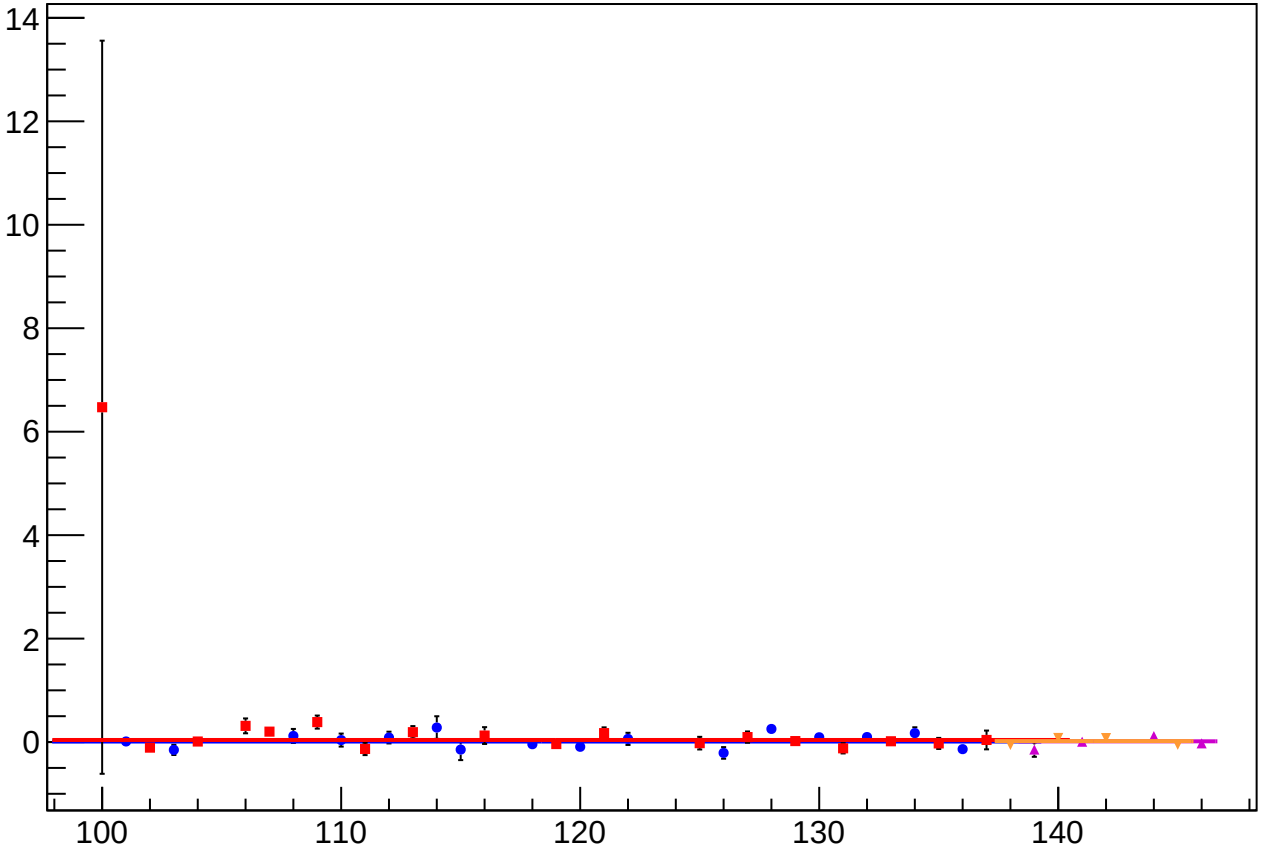
Left In: 0.031+/-0.043 χ^2/NDF:1.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.030+/-0.031 χ^2/NDF: 7.1/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010+/-0.023 χ^2/NDF: 25.4/15

Left Out: 0.019+/-0.039 χ^2/NDF:2.9/3

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

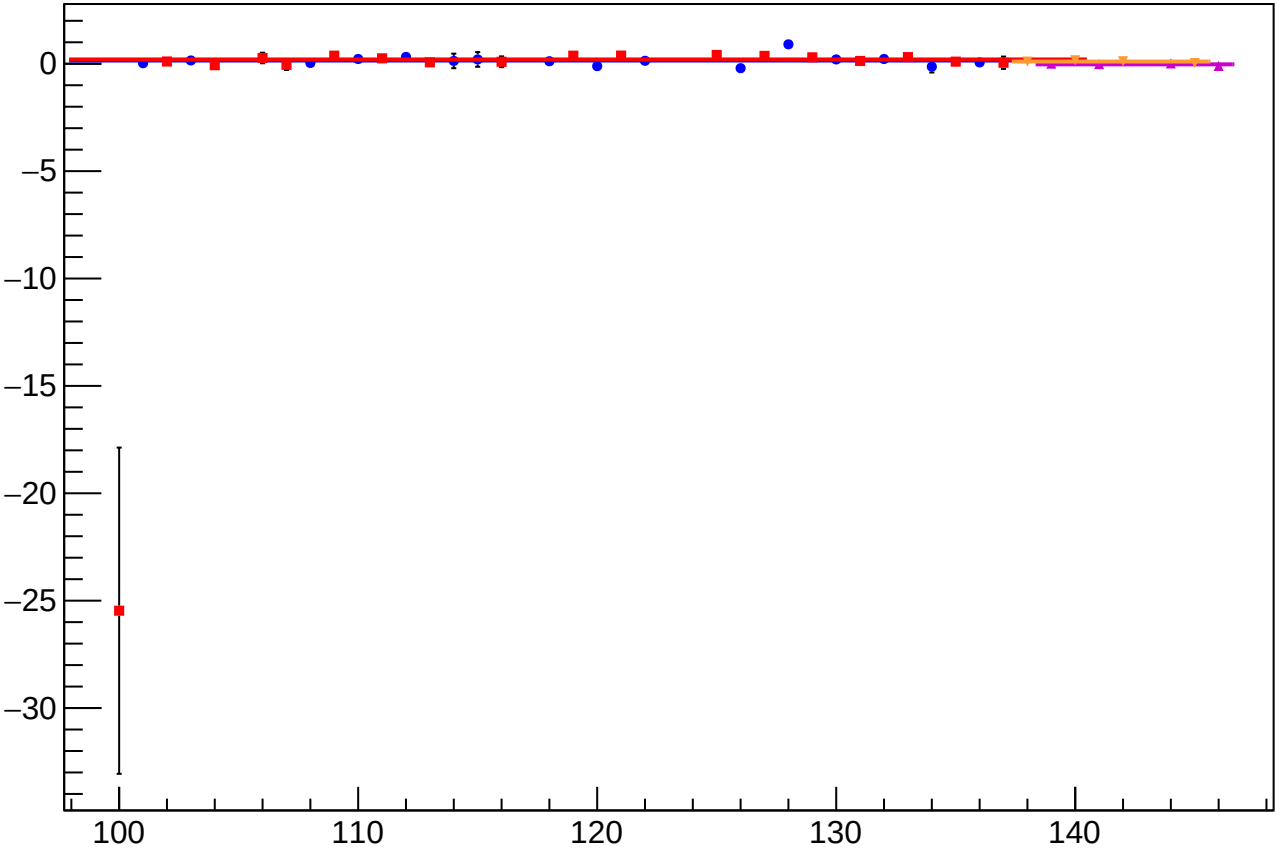
Left In: 0.014+/-0.033 χ^2/NDF:4.4/3

+ sign 0.013+/-0.020 χ^2/NDF: 28.4/19

All: 0.022+/-0.014 χ^2/NDF: 61.5/41

- sign 0.031+/-0.020 χ^2/NDF: 32.7/21

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.104+/-0.049 χ^2/NDF:1.0/3

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

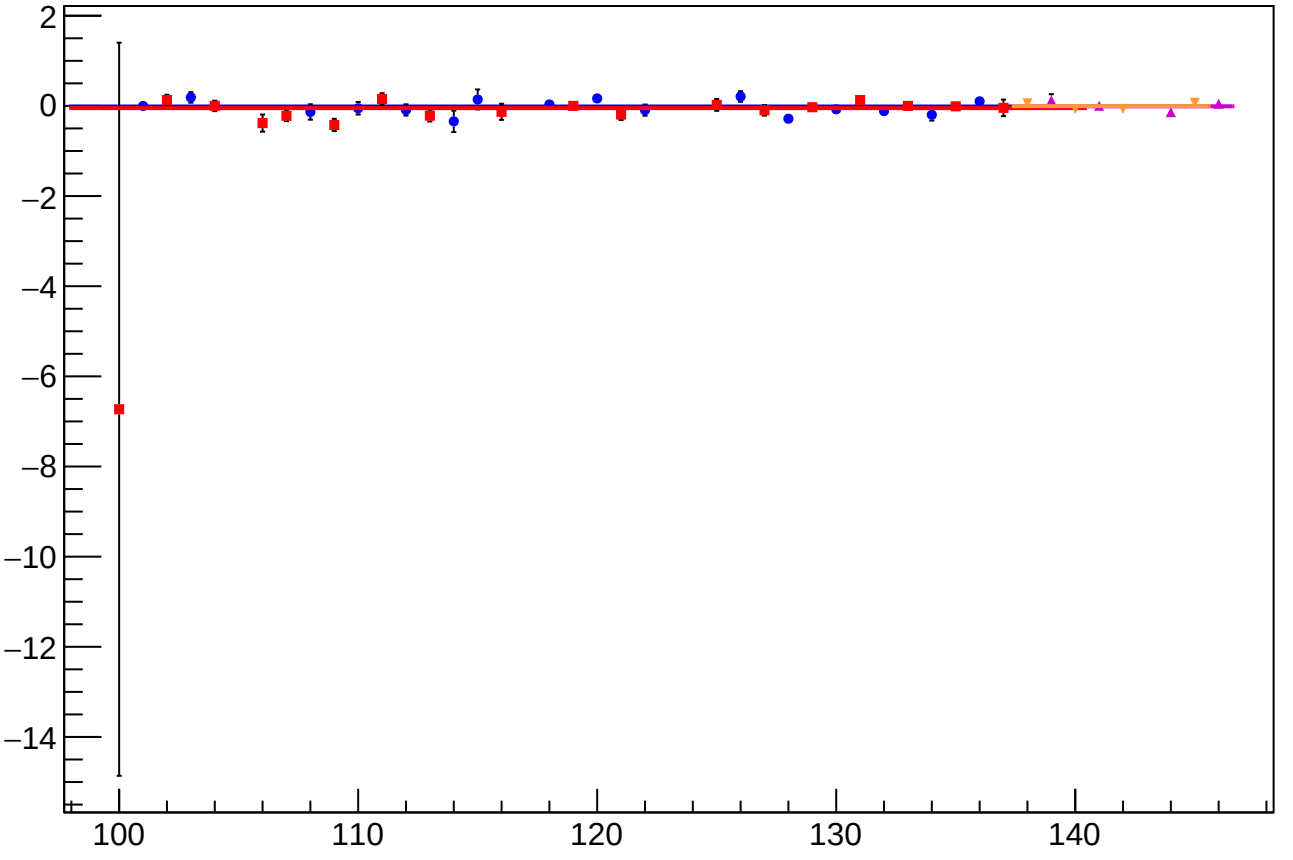
Left In: -0.027+/-0.045 χ^2/NDF:1.2/3

+ sign 0.131+/-0.032 χ^2/NDF: 30.3/19

All: 0.108+/-0.023 χ^2/NDF: 68.4/41

- sign 0.085+/-0.032 χ^2/NDF: 37.0/21

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: -0.006+/-0.045 χ^2/NDF:2.1/3

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

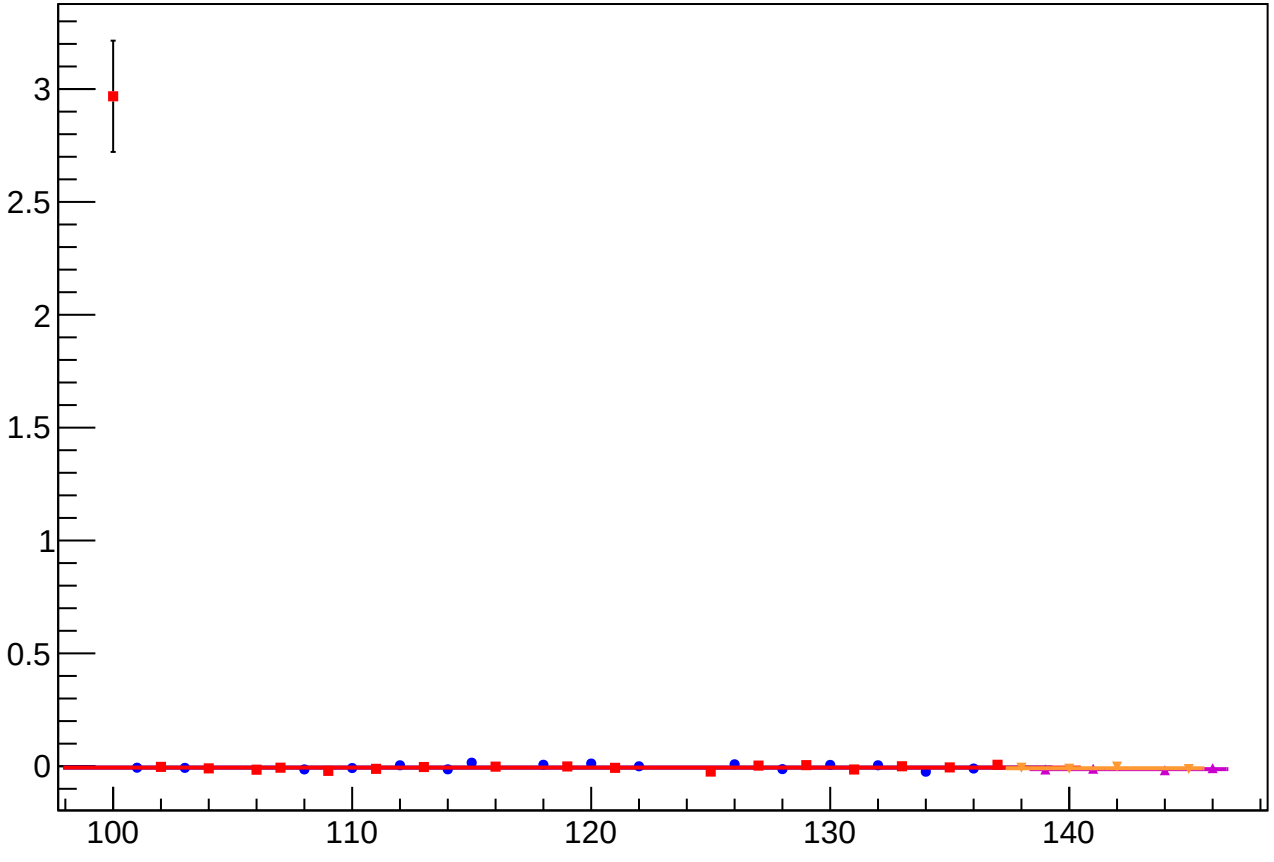
Left In: -0.009+/-0.040 χ^2/NDF:4.7/3

+ sign -0.011+/-0.023 χ^2/NDF: 27.3/19

All: -0.024+/-0.016 χ^2/NDF: 59.0/41

- sign -0.036+/-0.023 χ^2/NDF: 31.1/21

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.009+/-0.002 χ^2/NDF:3.3/3

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

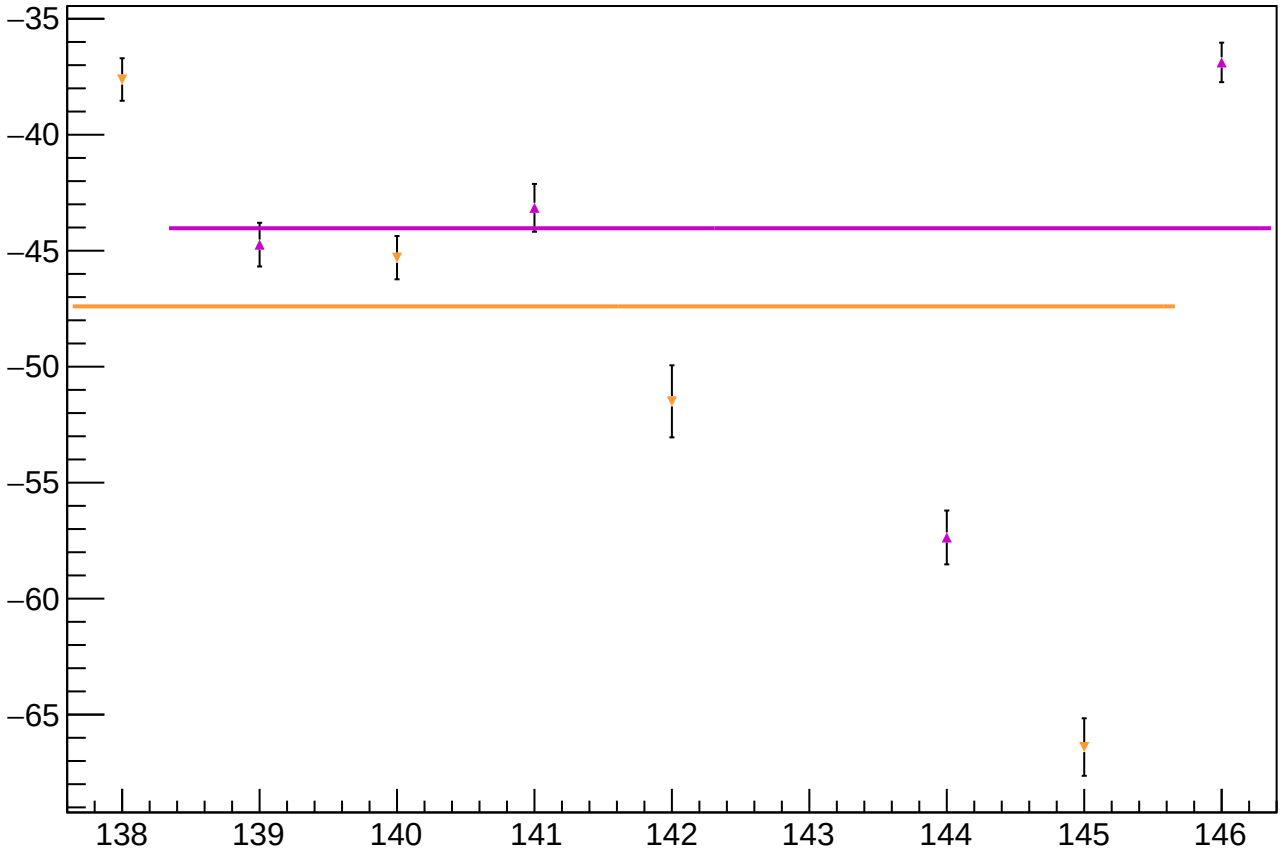
Left In: -0.013+/-0.002 χ^2/NDF:3.1/3

+ sign -0.007+/-0.001 χ^2/NDF: 33.7/19

All: -0.008+/-0.001 χ^2/NDF: 212.6/41

- sign -0.009+/-0.001 χ^2/NDF: 177.8/21

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -47.400+/-0.542 χ^2/NDF:360.9/3

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

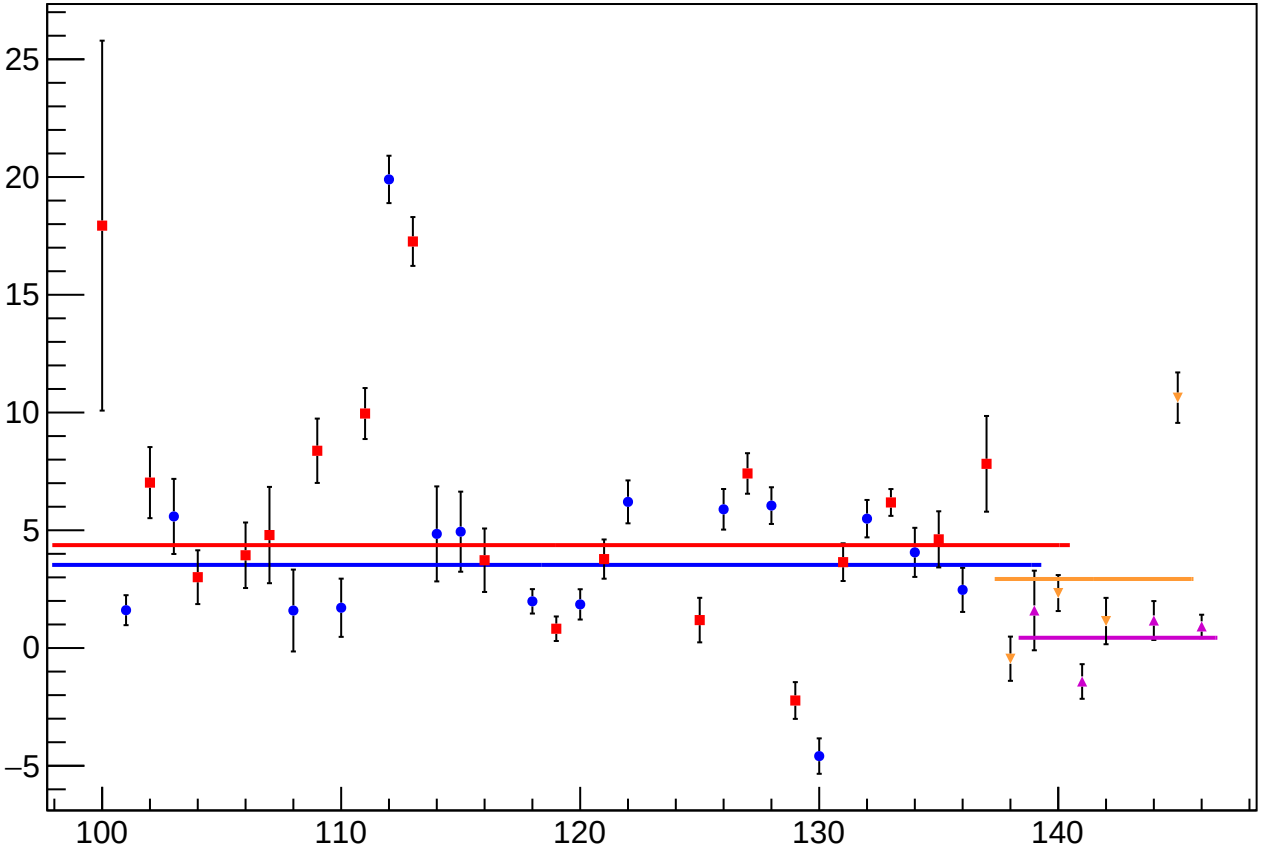
Left In: -44.031+/-0.488 χ^2/NDF:203.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -45.541+/-0.363 χ^2/NDF: 586.0/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530+/-0.217 χ^2/NDF: 446.6/15

Left Out: 2.932+/-0.459 χ^2/NDF:68.5/3

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

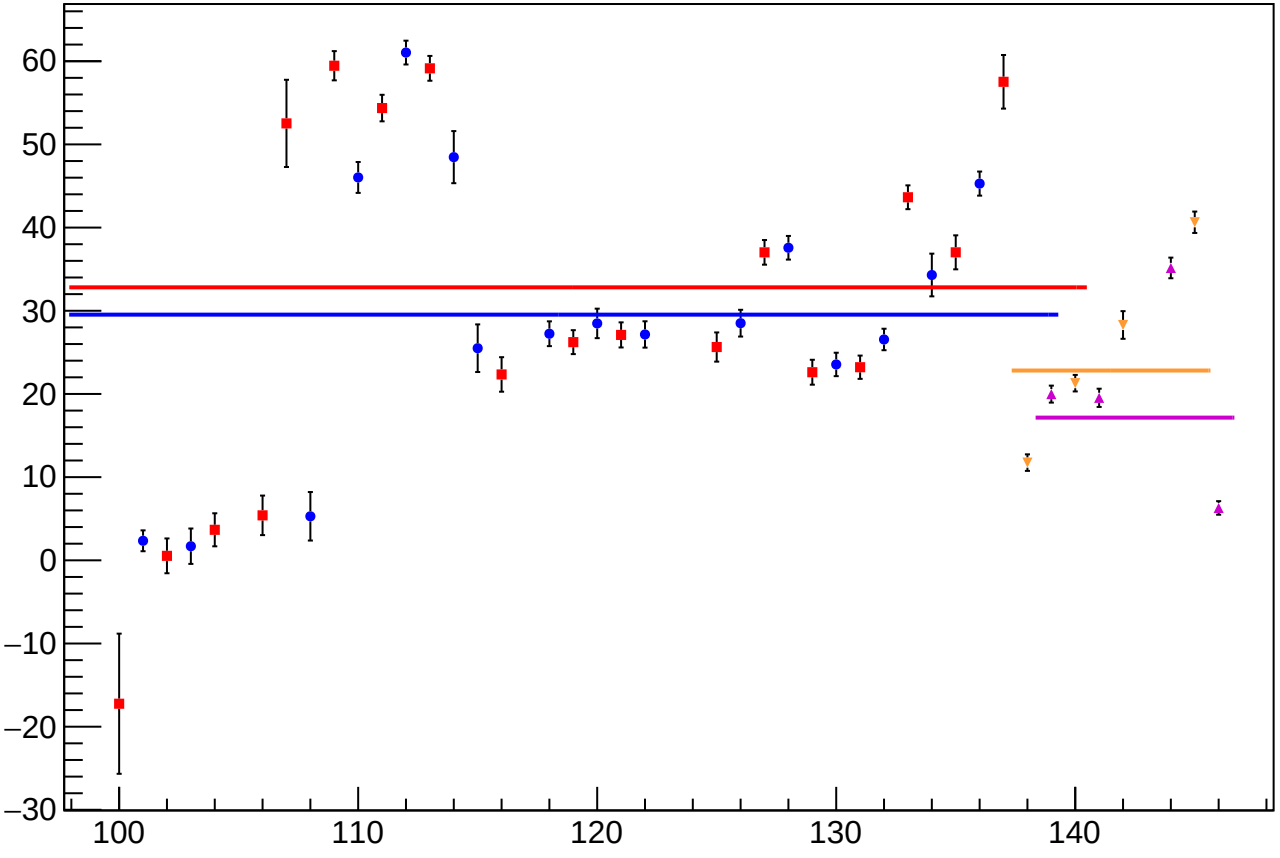
Left In: 0.436+/-0.360 χ^2/NDF:8.6/3

+ sign 3.420+/-0.196 χ^2/NDF: 516.5/19

All: 3.339+/-0.137 χ^2/NDF: 965.0/41

- sign 3.262+/-0.191 χ^2/NDF: 448.2/21

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 22.816+/-0.578 χ^2/NDF:329.3/3

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

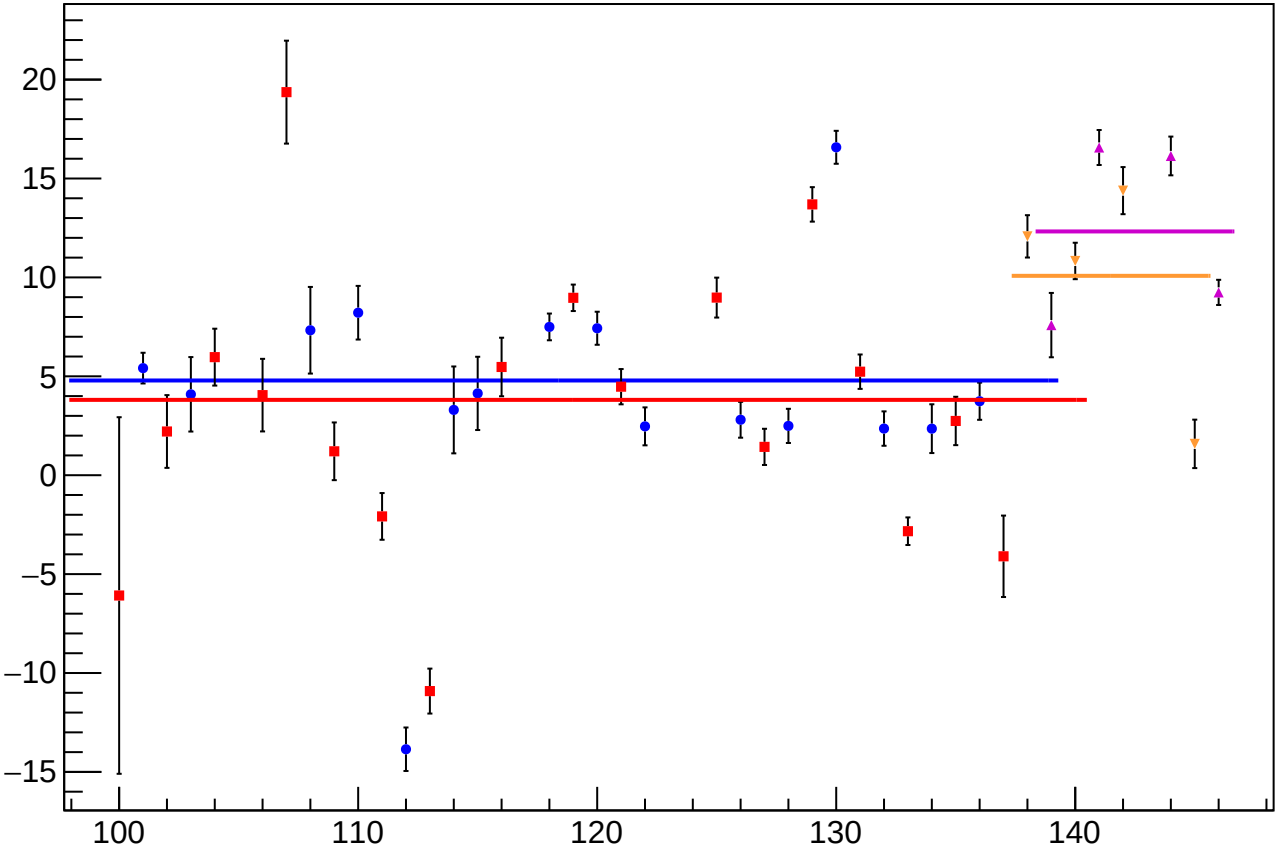
Left In: 17.154+/-0.503 χ^2/NDF:400.6/3

+ sign 27.237+/-0.338 χ^2/NDF: 1913.0/19

All: 26.765+/-0.234 χ^2/NDF: 4544.6/41

- sign 26.332+/-0.324 χ^2/NDF: 2627.8/21

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 10.080+/-0.540 χ^2/NDF:65.3/3

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

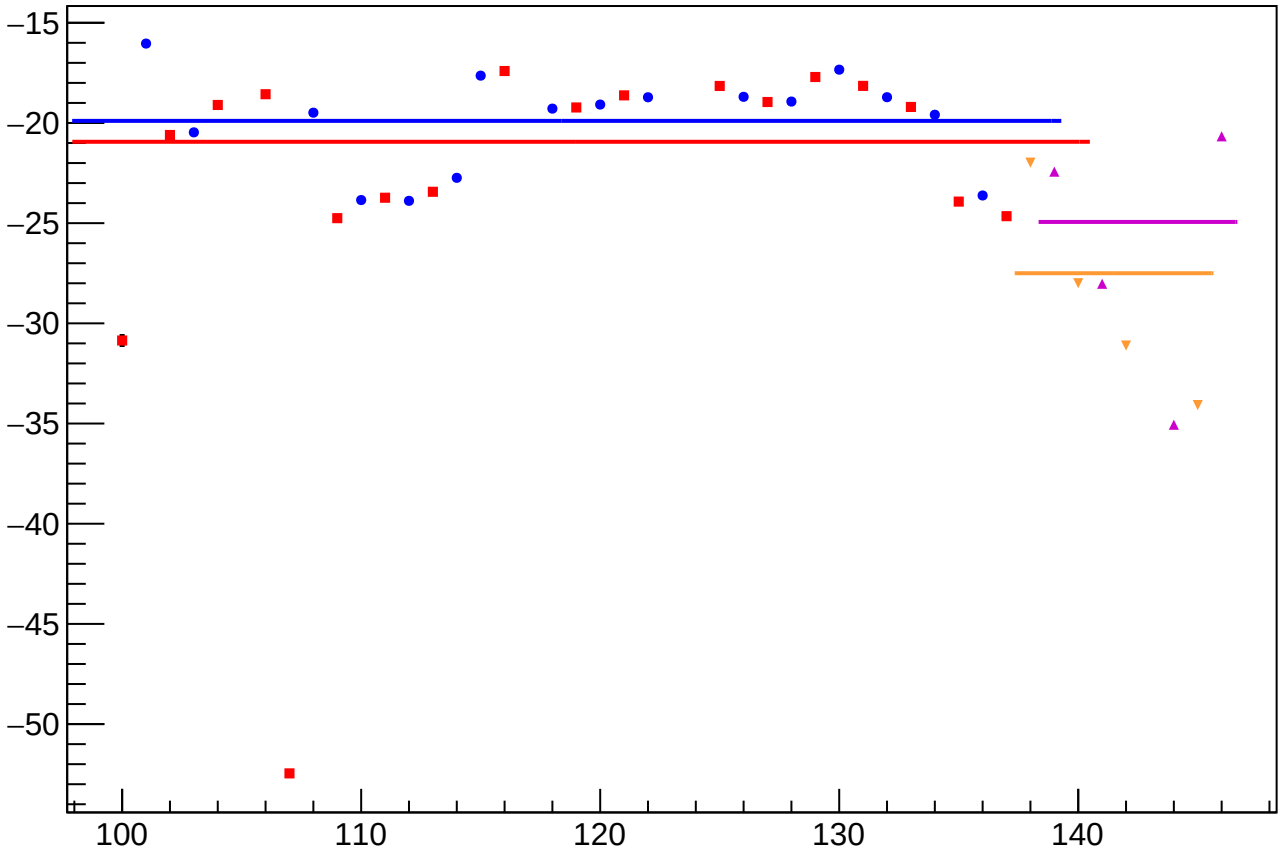
Left In: 12.324+/-0.440 χ^2/NDF:70.1/3

+ sign 5.729+/-0.228 χ^2/NDF: 698.1/19

All: 5.867+/-0.159 χ^2/NDF: 1614.9/41

- sign 6.000+/-0.223 χ^2/NDF: 916.1/21

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -27.498+/-0.024 χ^2/NDF:39661.6/3

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

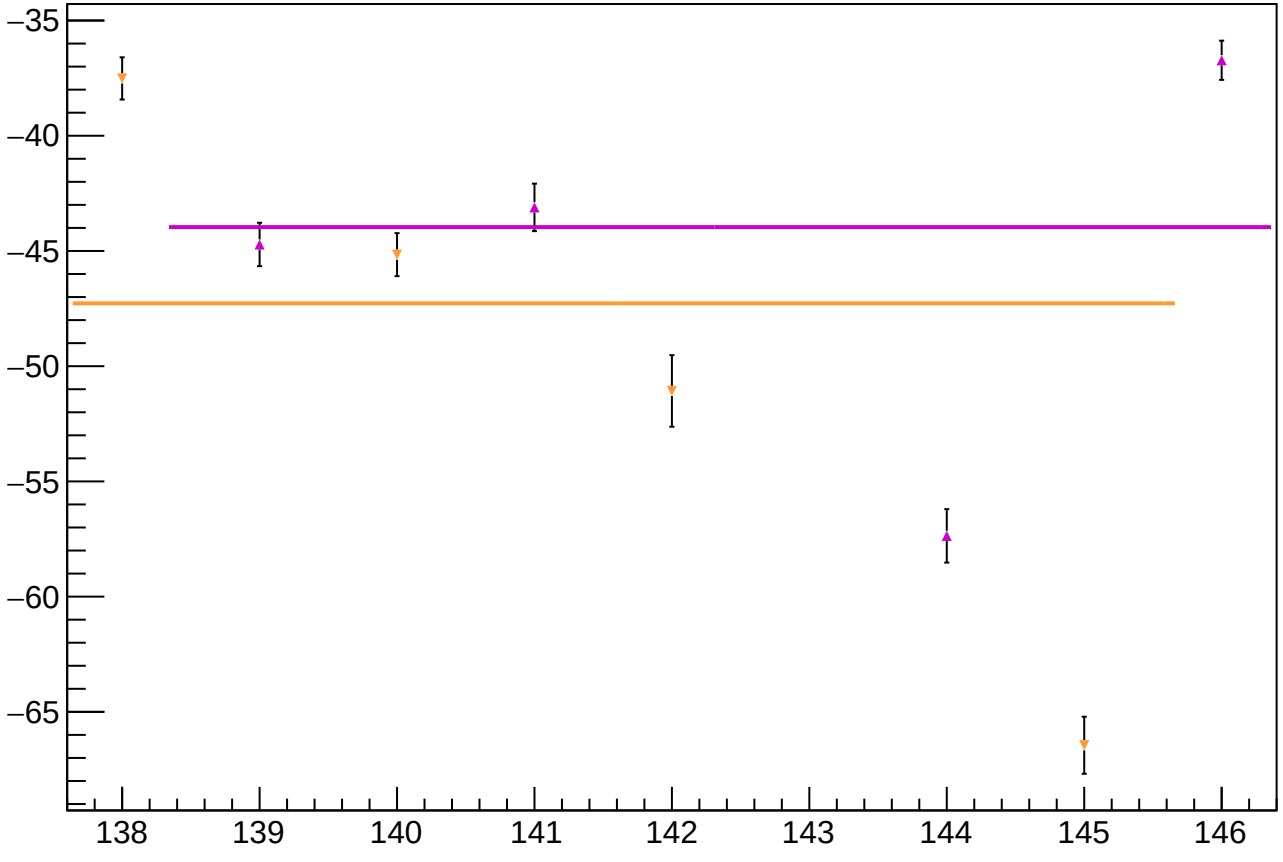
Left In: -24.939+/-0.021 χ^2/NDF:57260.4/3

+ sign -22.201+/-0.013 χ^2/NDF: 138060.2/19

All: -22.305+/-0.009 χ^2/NDF: 313224.9/41

- sign -22.401+/-0.013 χ^2/NDF: 175040.9/21

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -47.275+/-0.542 χ^2/NDF:364.3/3

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

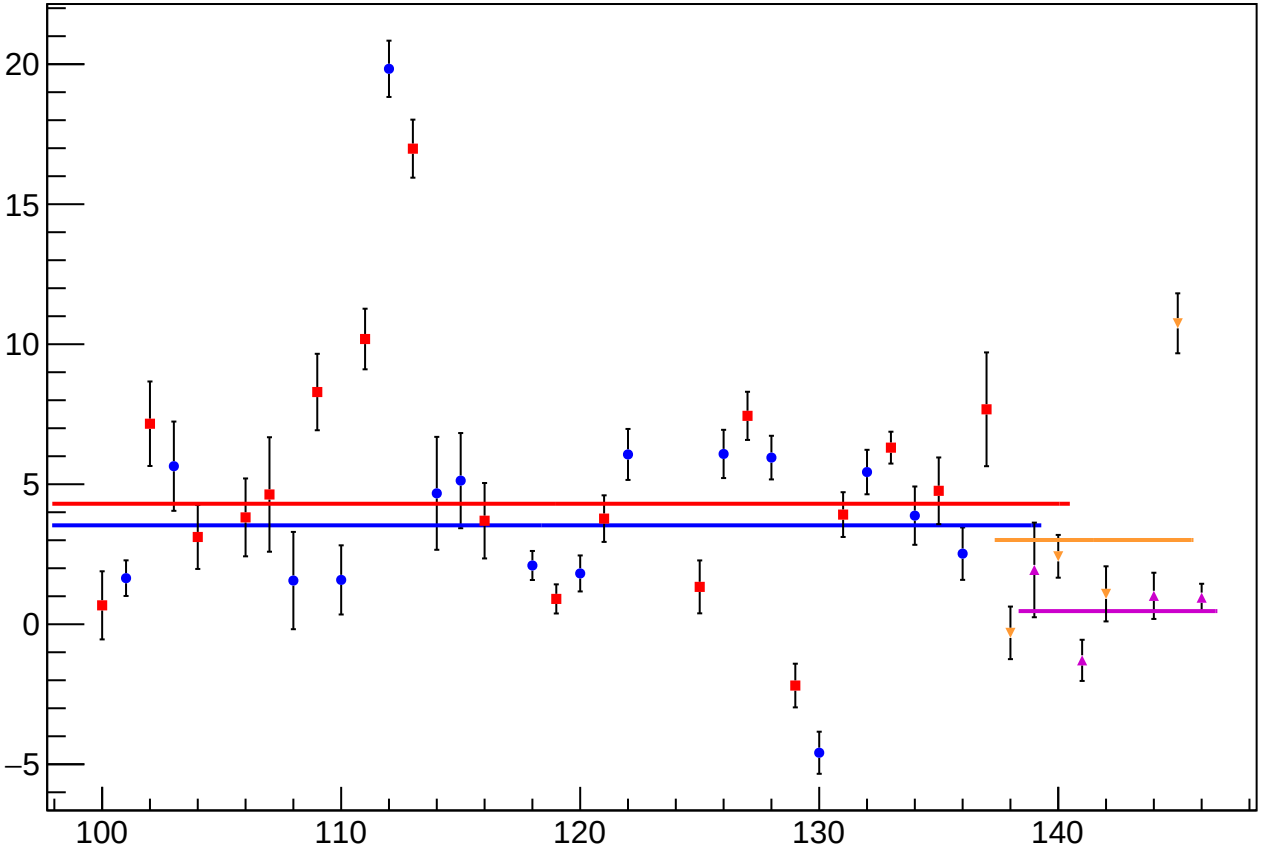
Left In: -43.965+/-0.488 χ^2/NDF:207.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -45.449+/-0.363 χ^2/NDF: 592.2/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532+/-0.217 χ^2/NDF: 443.2/15

Left Out: 3.009+/-0.459 χ^2/NDF:69.1/3

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

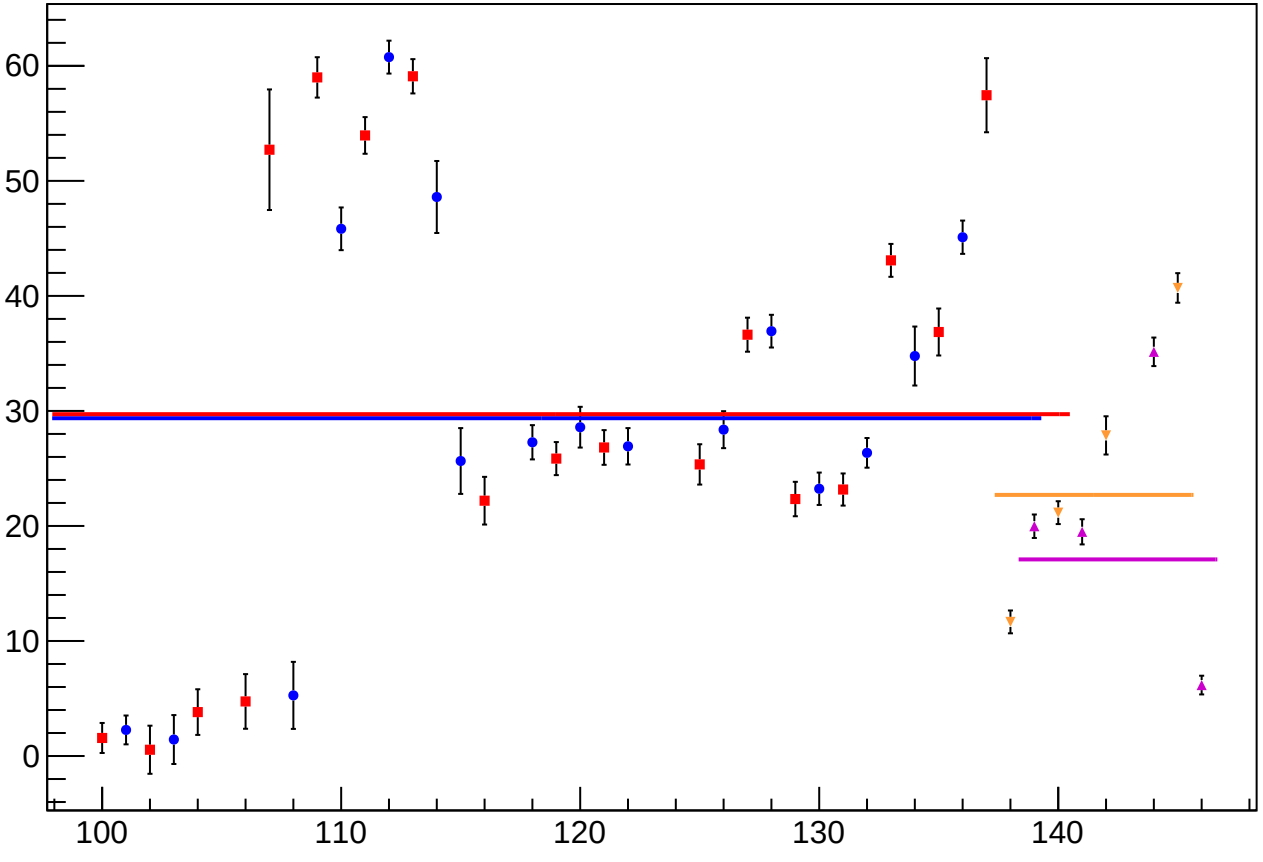
Left In: 0.470+/-0.360 χ^2/NDF:7.9/3

+ sign 3.437+/-0.196 χ^2/NDF: 513.4/19

All: 3.339+/-0.136 χ^2/NDF: 956.9/41

- sign 3.249+/-0.189 χ^2/NDF: 443.0/21

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 22.700+/-0.578 χ^2/NDF:331.6/3

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

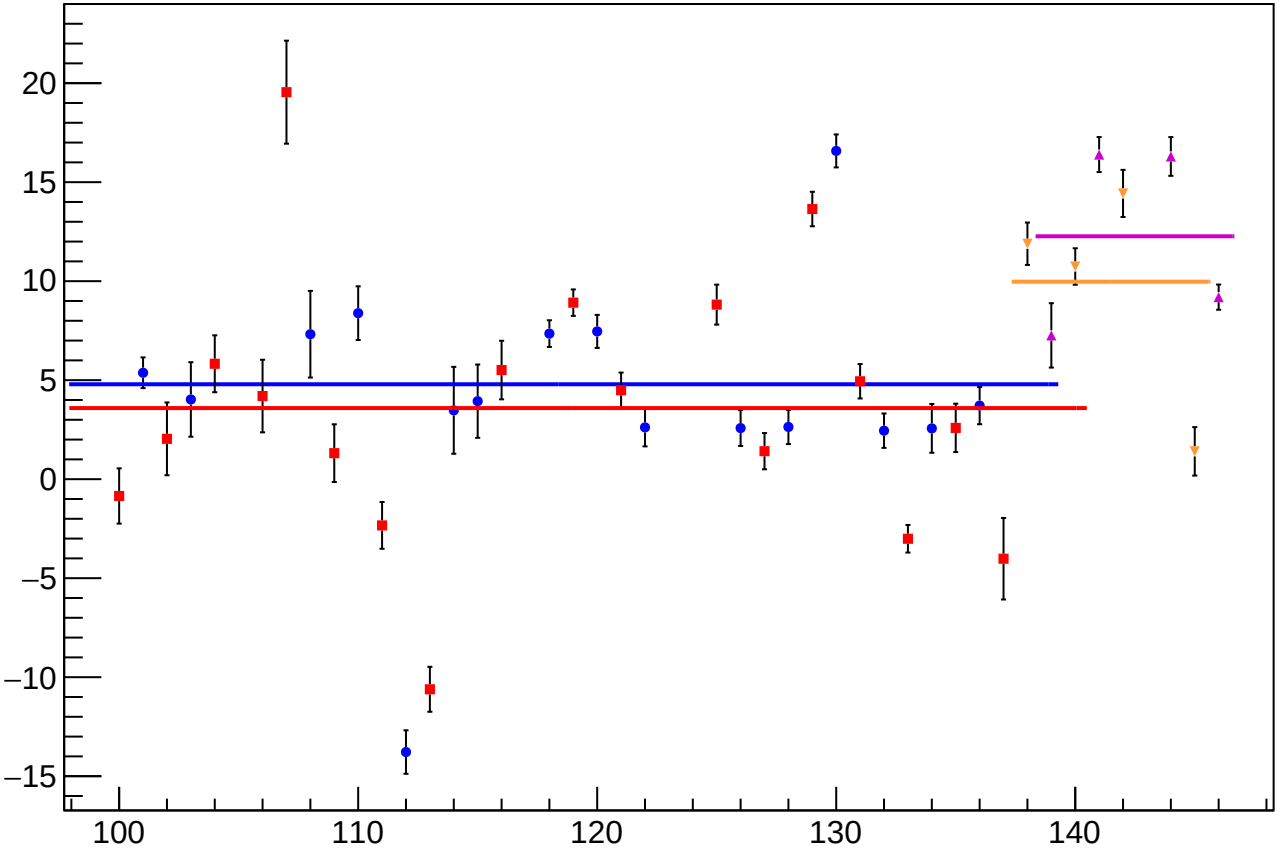
Left In: 17.092+/-0.503 χ^2/NDF:404.9/3

+ sign 27.087+/-0.338 χ^2/NDF: 1908.0/19

All: 25.854+/-0.230 χ^2/NDF: 4851.7/41

- sign 24.788+/-0.314 χ^2/NDF: 2918.9/21

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 9.975+/-0.540 χ^2/NDF:67.0/3

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

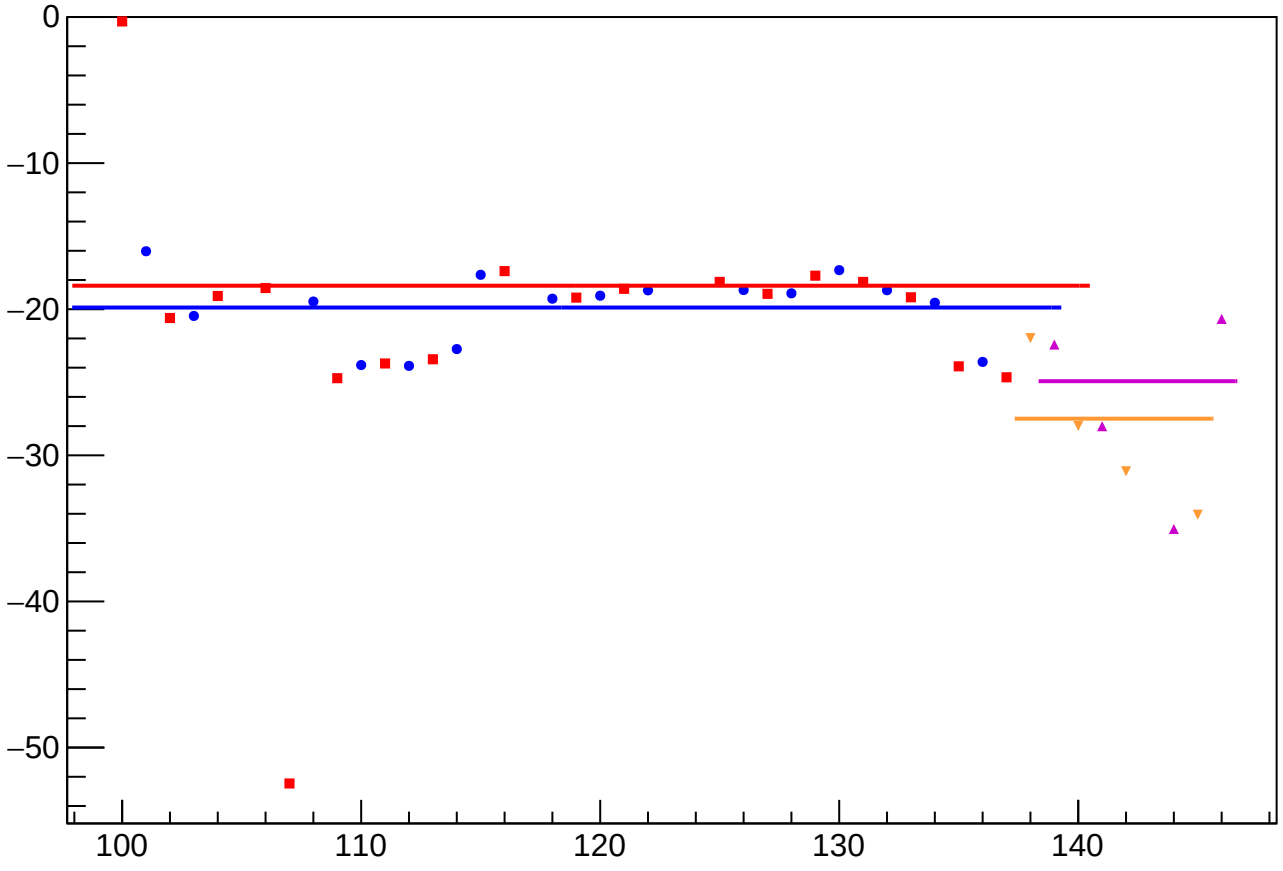
Left In: 12.267+/-0.440 χ^2/NDF:71.6/3

+ sign 5.714+/-0.228 χ^2/NDF: 692.6/19

All: 5.742+/-0.158 χ^2/NDF: 1629.3/41

- sign 5.769+/-0.220 χ^2/NDF: 936.7/21

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -27.491+/-0.024 χ^2/NDF:39621.4/3

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

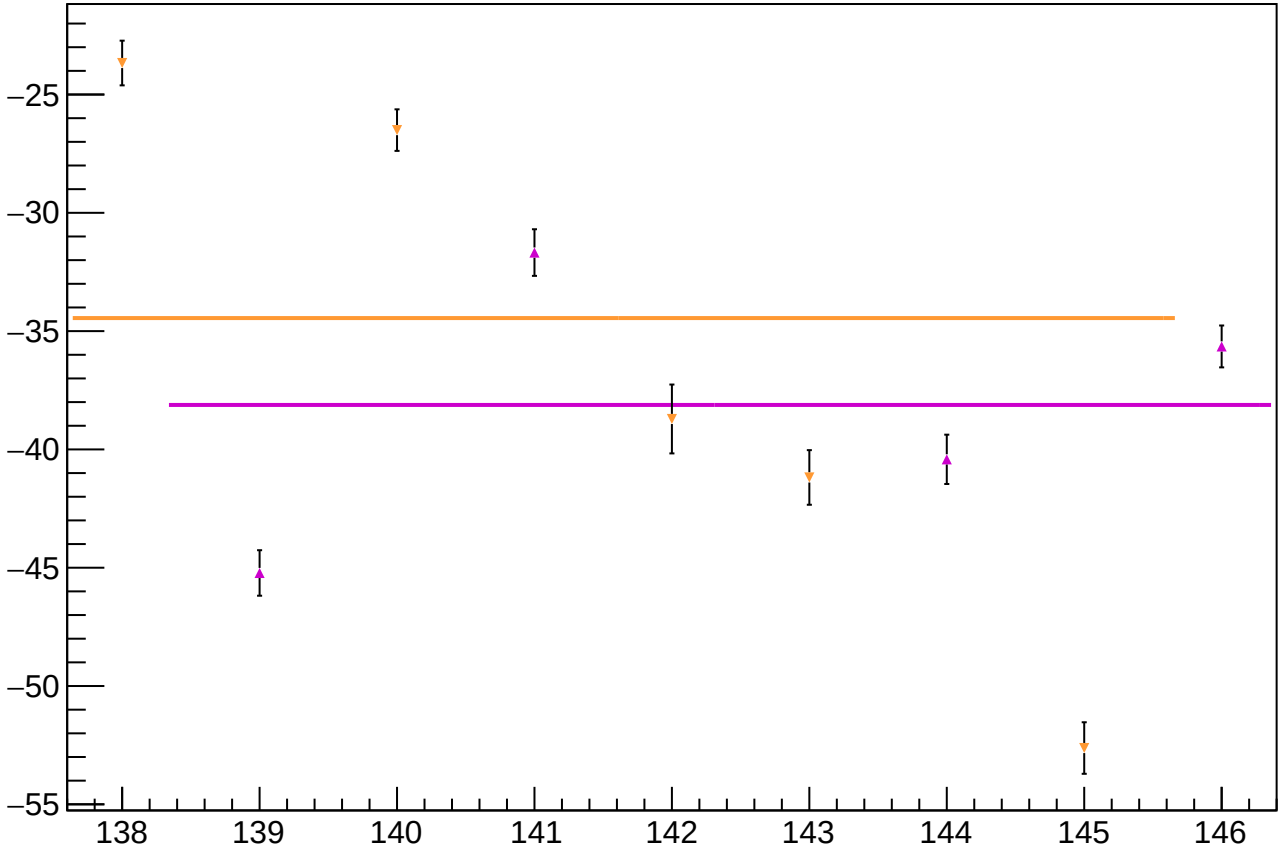
Left In: -24.926+/-0.021 χ^2/NDF:57216.4/3

+ sign -22.190+/-0.013 χ^2/NDF: 138182.5/19

All: -21.328+/-0.009 χ^2/NDF: 571070.3/41

- sign -20.592+/-0.012 χ^2/NDF: 424721.1/21

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.448+/-0.472 χ^2/NDF:533.1/4

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

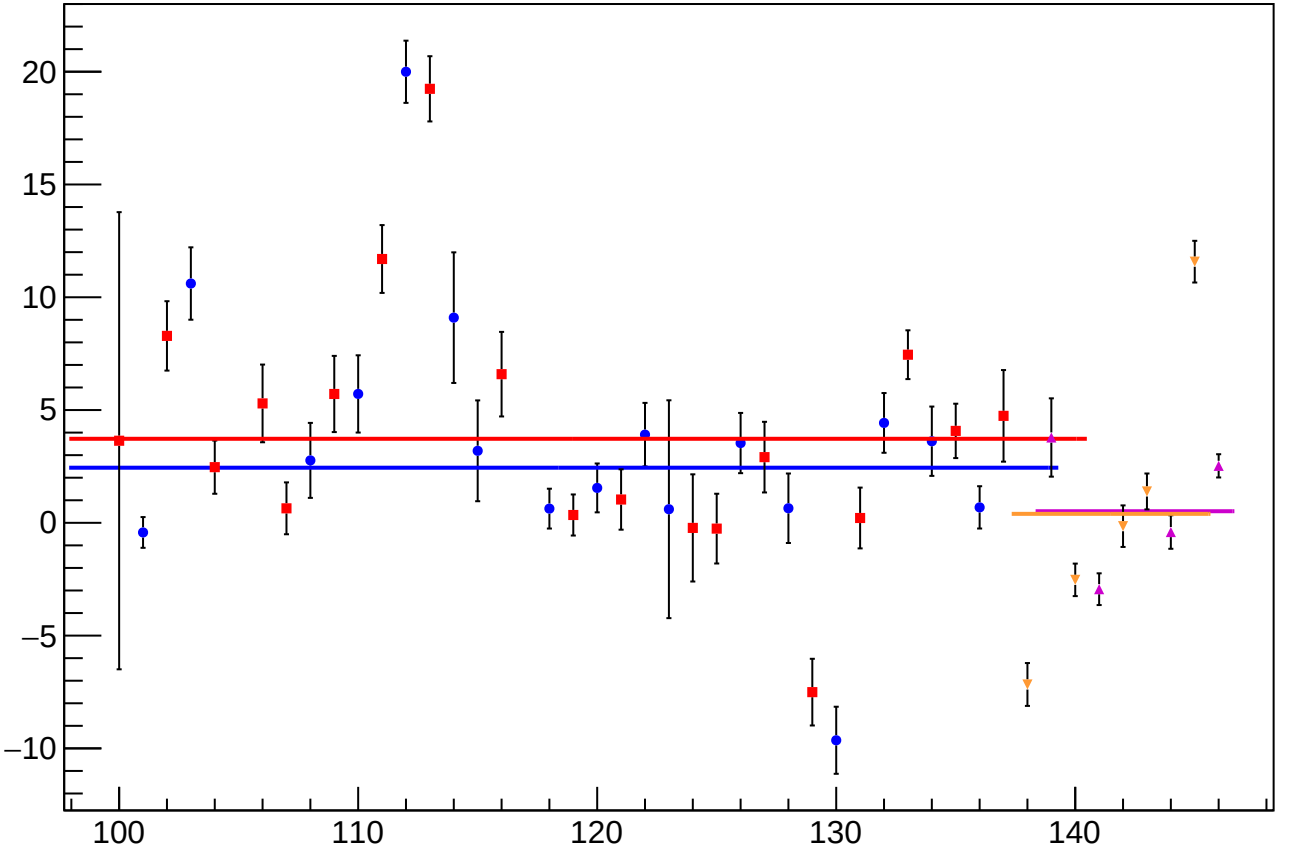
Left In: -38.120+/-0.482 χ^2/NDF:109.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.248+/-0.337 χ^2/NDF: 672.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 0.398+/-0.379 χ^2/NDF:228.1/4

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

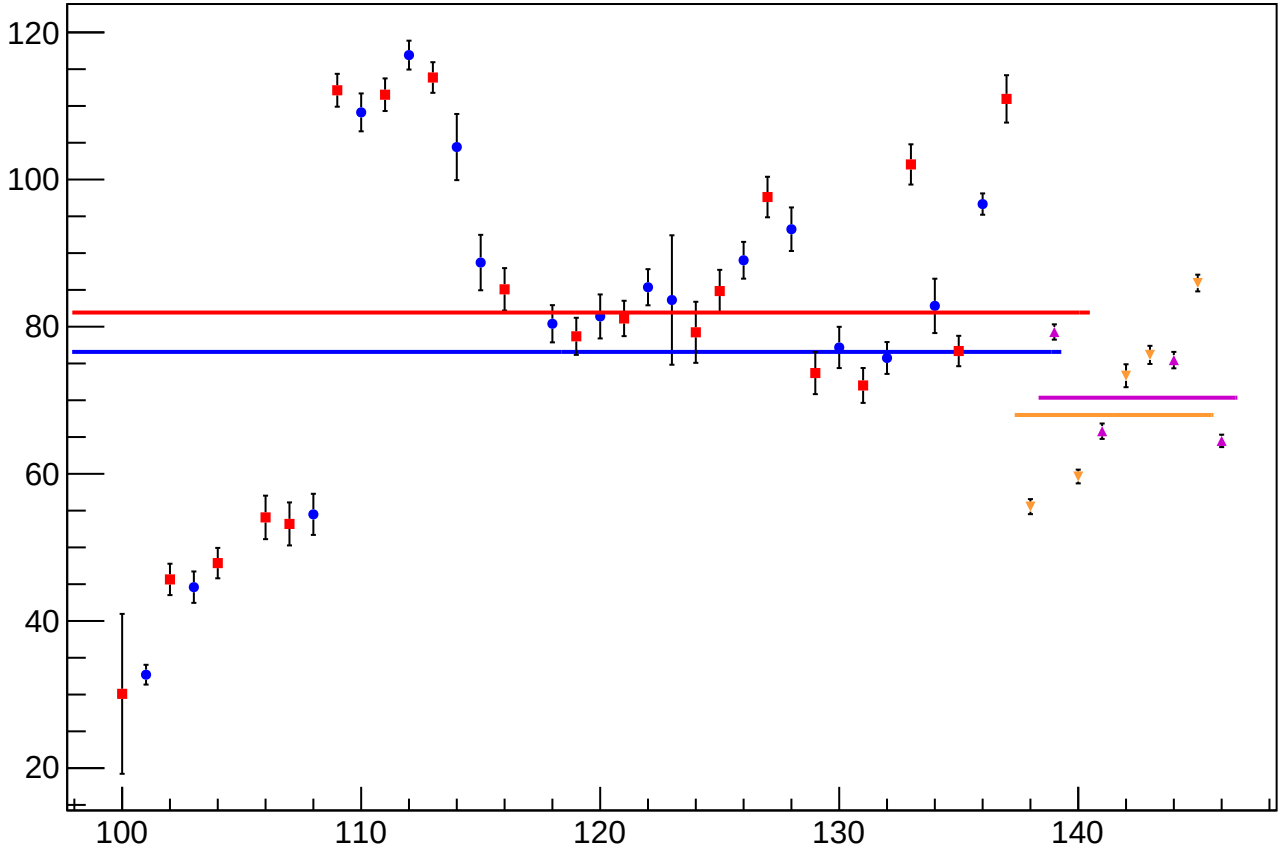
Left In: 0.514+/-0.355 χ^2/NDF:44.5/3

+ sign 1.620+/-0.240 χ^2/NDF: 540.8/21

All: 1.936+/-0.170 χ^2/NDF: 902.1/44

- sign 2.252+/-0.240 χ^2/NDF: 357.9/22

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 67.998+/-0.504 χ^2/NDF:532.3/4

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

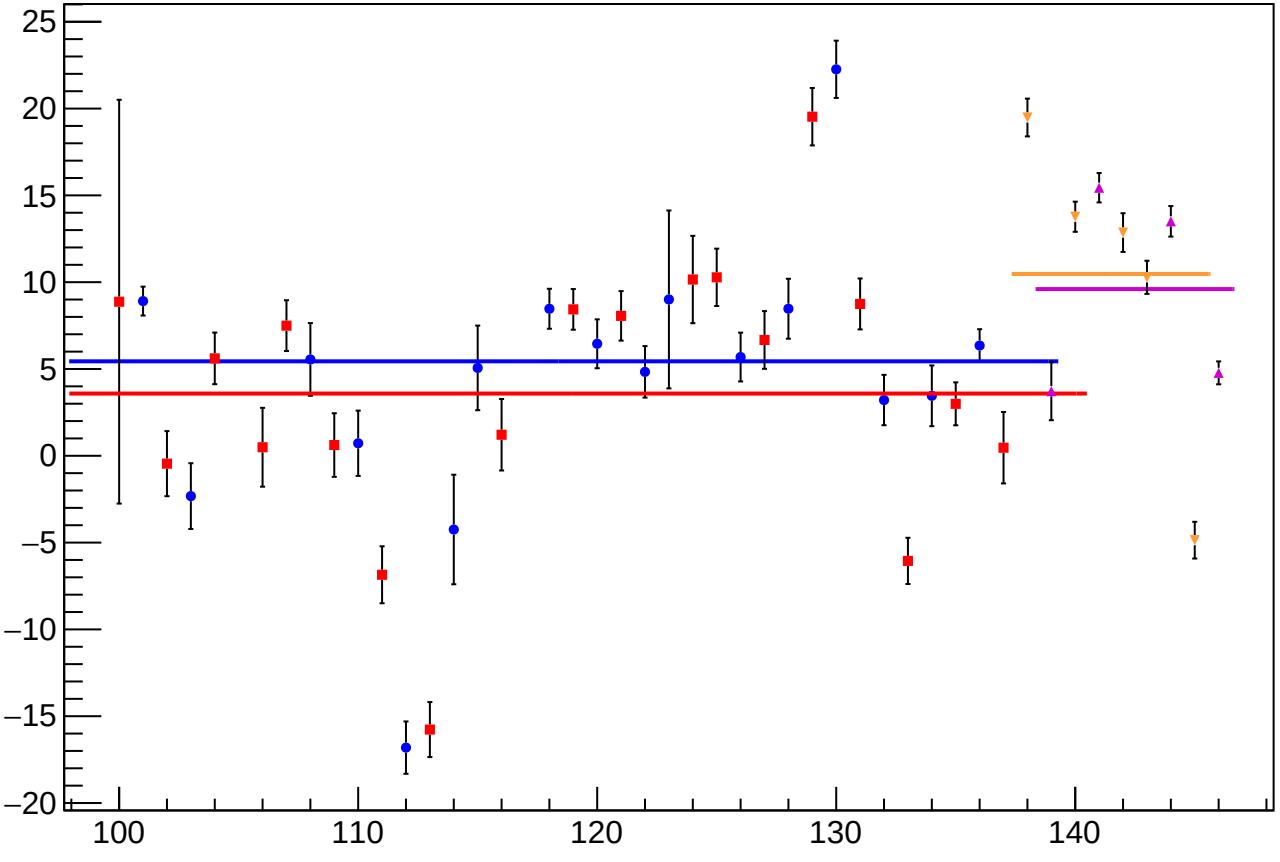
Left In: 70.346+/-0.498 χ^2/NDF:161.6/3

+ sign 71.733+/-0.378 χ^2/NDF: 2912.1/21

All: 73.426+/-0.268 χ^2/NDF: 4908.7/44

- sign 75.141+/-0.381 χ^2/NDF: 1956.3/22

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 10.474+/-0.449 χ^2/NDF:297.4/4

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

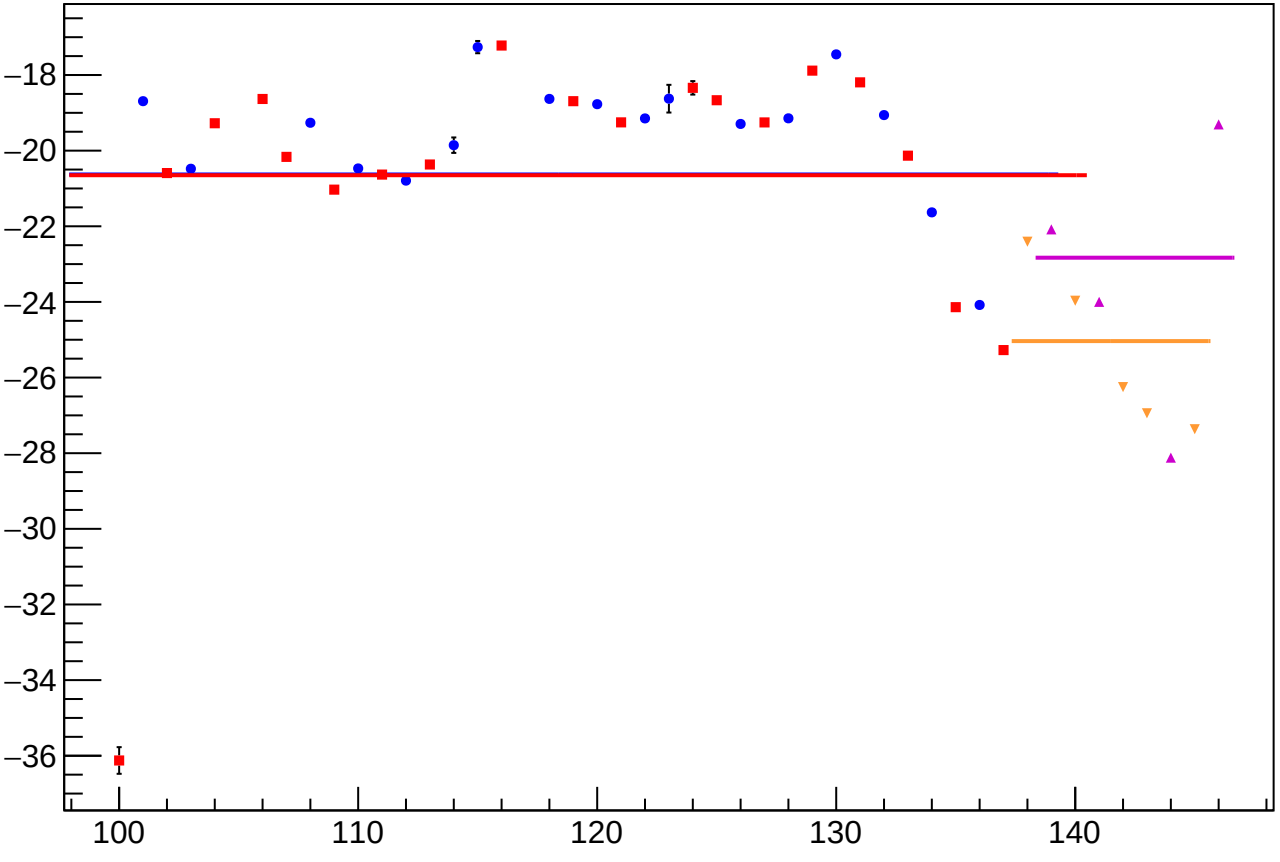
Left In: 9.603+/-0.433 χ^2/NDF:133.2/3

+ sign 7.394+/-0.280 χ^2/NDF: 761.8/21

All: 6.790+/-0.199 χ^2/NDF: 1438.1/44

- sign 6.169+/-0.283 χ^2/NDF: 666.8/22

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -25.036+/-0.021 χ^2/NDF:9459.5/4

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

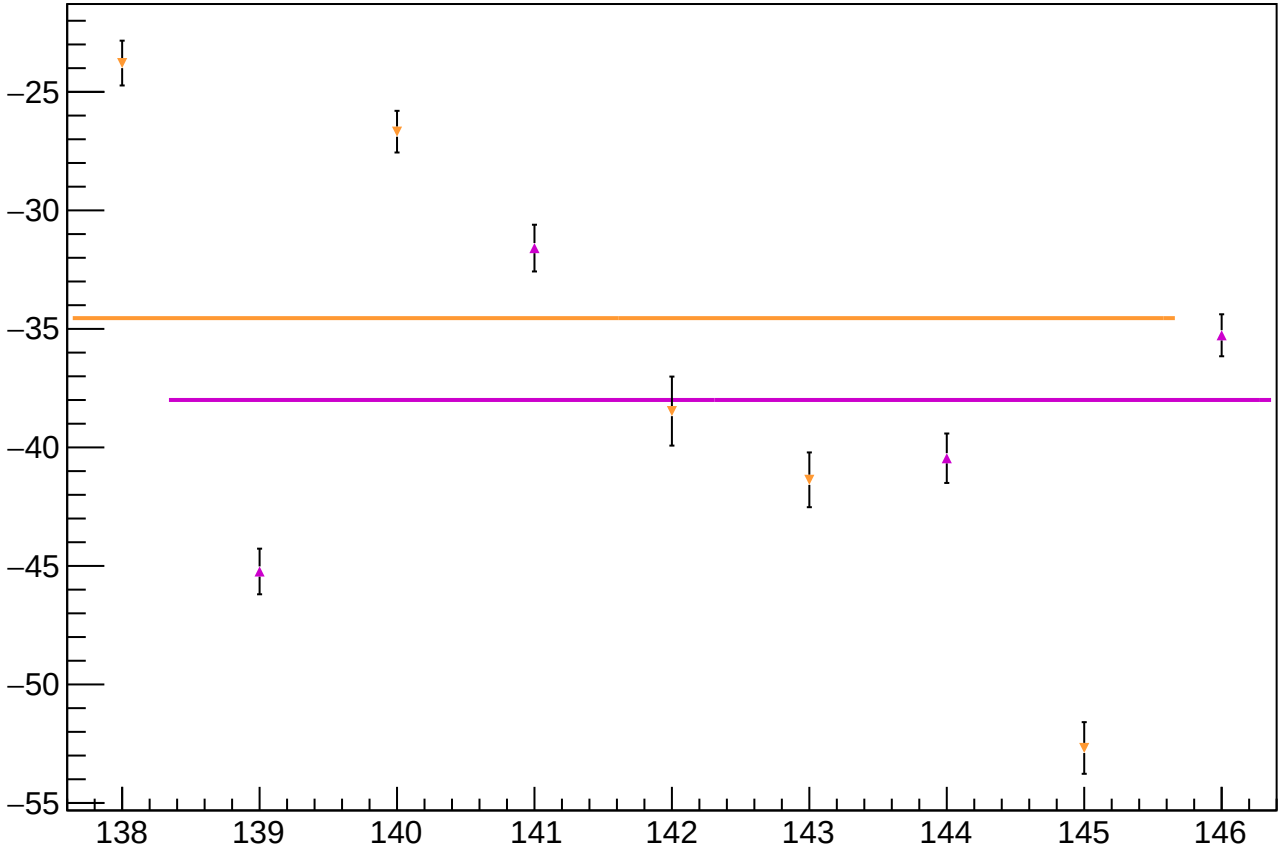
Left In: -22.831+/-0.021 χ^2/NDF:21092.6/3

+ sign -22.693+/-0.014 χ^2/NDF: 46402.4/21

All: -22.189+/-0.010 χ^2/NDF: 89923.4/44

- sign -21.681+/-0.014 χ^2/NDF: 40937.0/22

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.546+/-0.473 χ^2/NDF:528.8/4

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

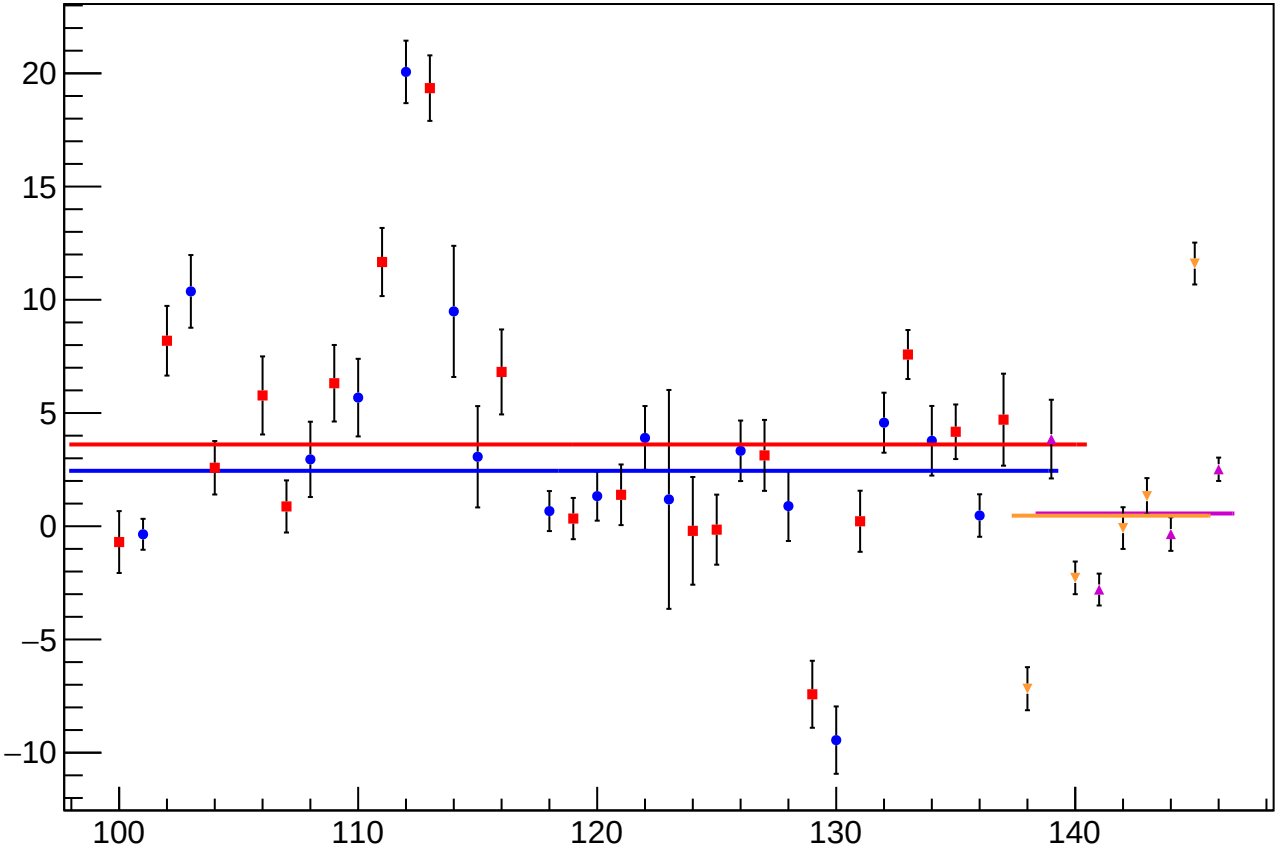
Left In: -37.998+/-0.482 χ^2/NDF:113.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.238+/-0.337 χ^2/NDF: 668.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: 0.467+/-0.379 χ^2/NDF:225.5/4

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

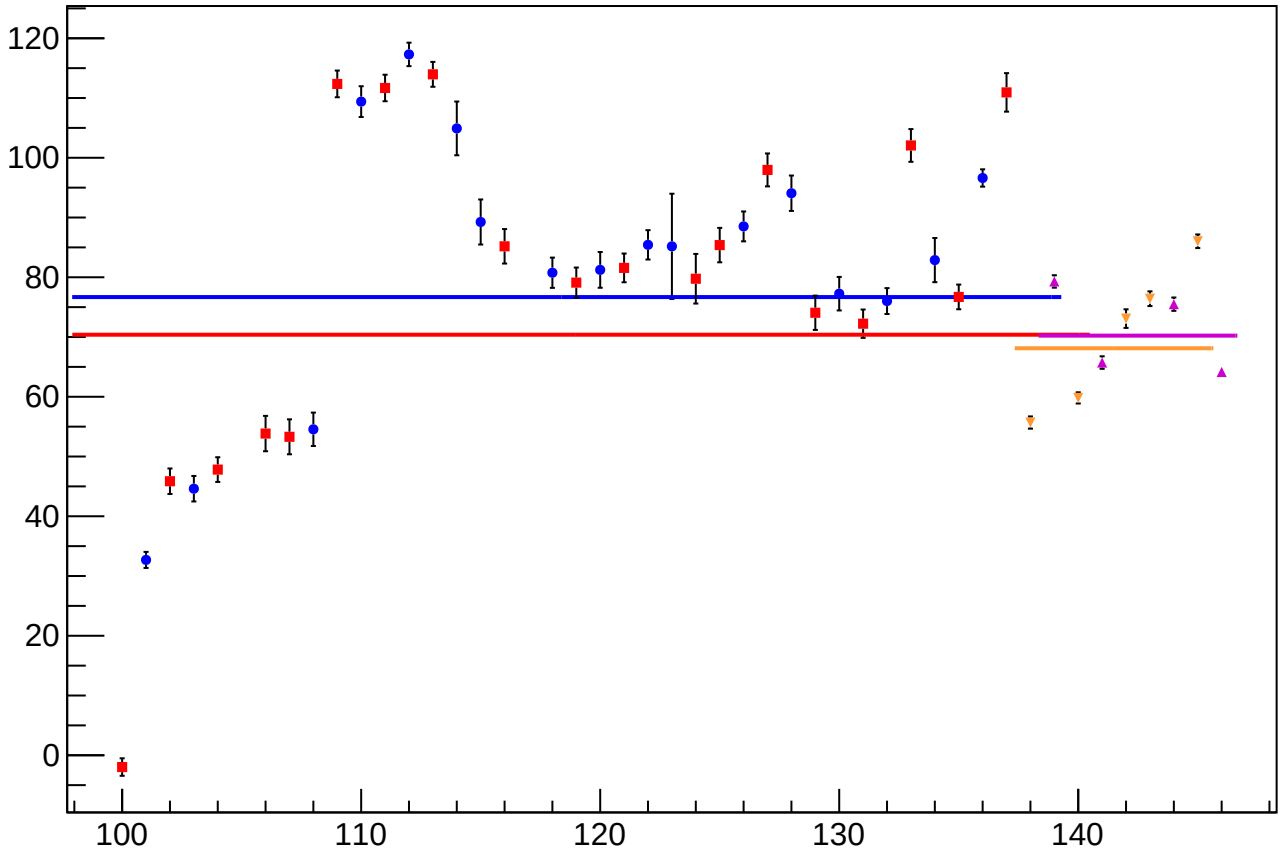
Left In: 0.563+/-0.355 χ^2/NDF:42.2/3

+ sign 1.651+/-0.241 χ^2/NDF: 535.2/21

All: 1.957+/-0.169 χ^2/NDF: 900.8/44

- sign 2.254+/-0.237 χ^2/NDF: 362.4/22

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 68.119+/-0.504 χ^2/NDF:529.2/4

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

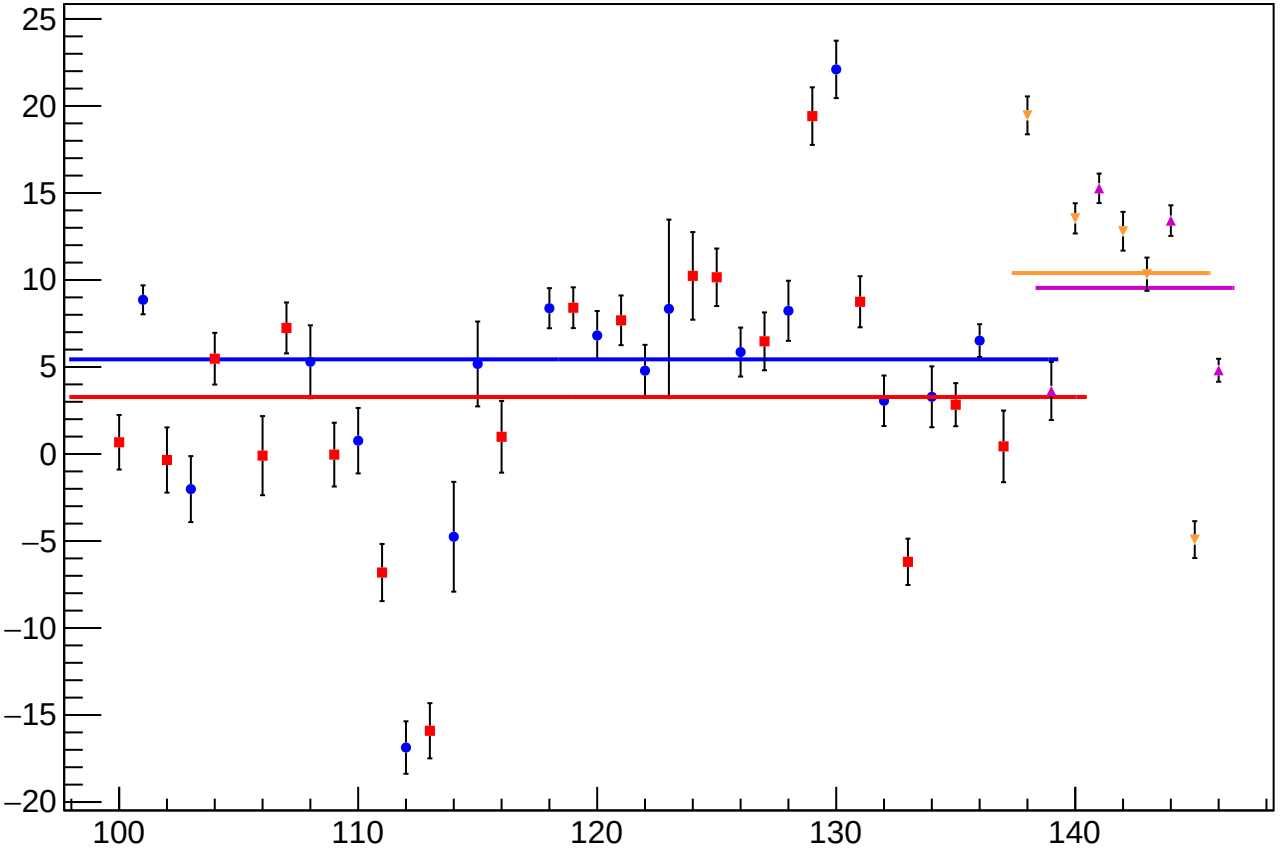
Left In: 70.231+/-0.498 χ^2/NDF:168.1/3

+ sign 71.852+/-0.379 χ^2/NDF: 2920.1/21

All: 71.057+/-0.264 χ^2/NDF: 7488.0/44

- sign 70.301+/-0.369 χ^2/NDF: 4559.3/22

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 10.400+/-0.449 χ^2/NDF:296.1/4

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

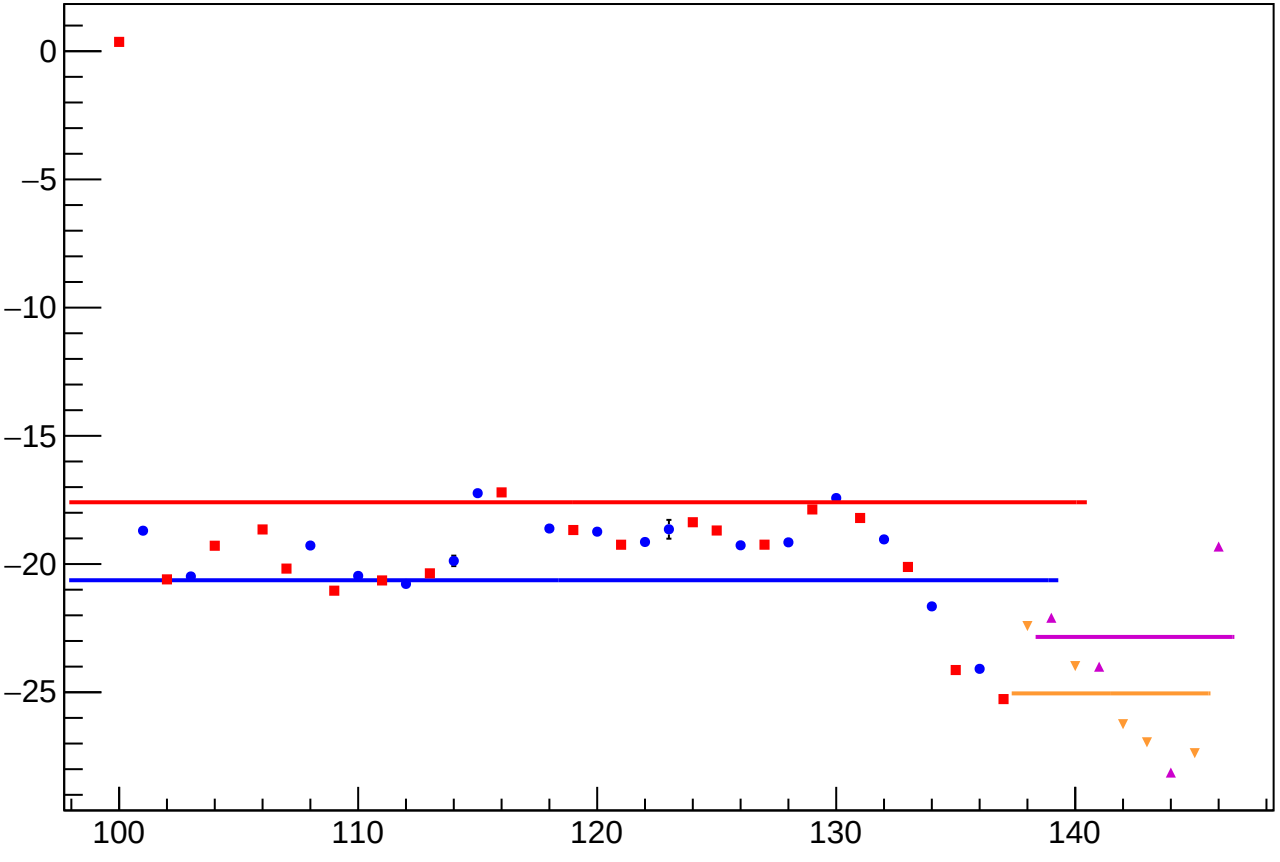
Left In: 9.545+/-0.433 χ^2/NDF:128.9/3

+ sign 7.363+/-0.280 χ^2/NDF: 756.8/21

All: 6.622+/-0.198 χ^2/NDF: 1448.0/44

- sign 5.883+/-0.279 χ^2/NDF: 677.2/22

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -25.044+/-0.021 χ^2/NDF:9429.4/4

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

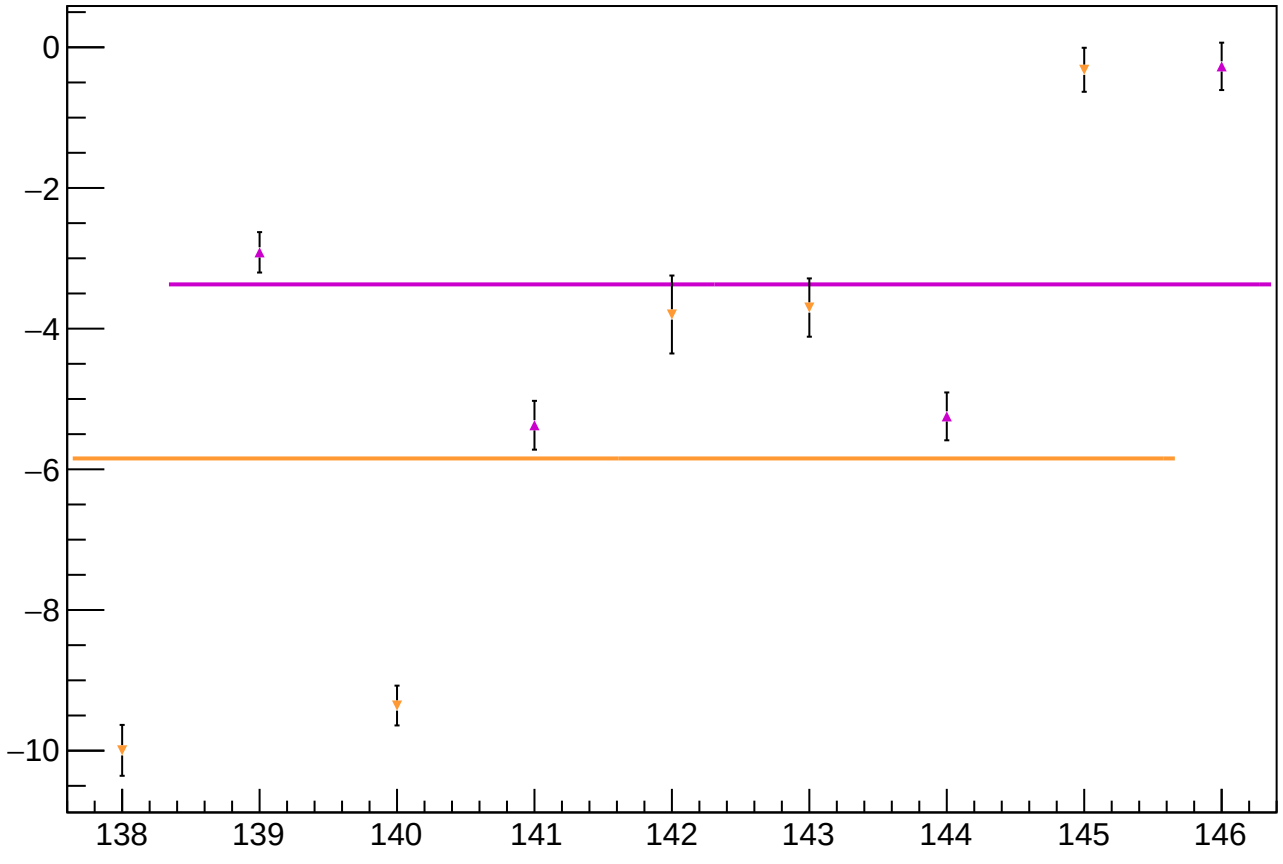
Left In: -22.842+/-0.021 χ^2/NDF:21060.3/3

+ sign -22.698+/-0.014 χ^2/NDF: 46468.0/21

All: -21.233+/-0.010 χ^2/NDF: 304075.4/44

- sign -19.875+/-0.014 χ^2/NDF: 236706.0/22

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -5.846+/-0.159 χ^2/NDF:638.0/4

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

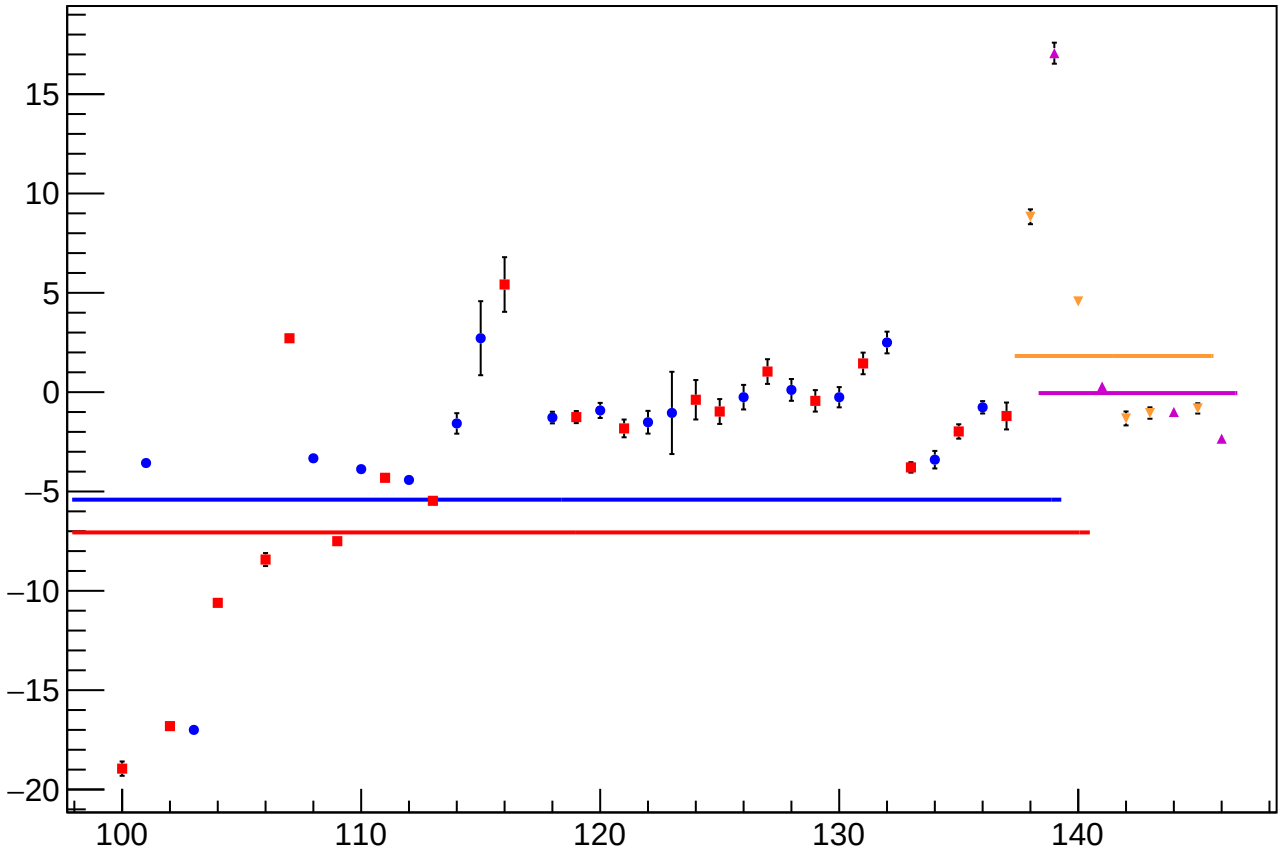
Left In: -3.371+/-0.162 χ^2/NDF:151.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.633+/-0.114 χ^2/NDF: 907.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411+/-0.055 χ^2/NDF: 9261.2/16

Left Out: 1.822+/-0.129 χ^2/NDF:770.8/4

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

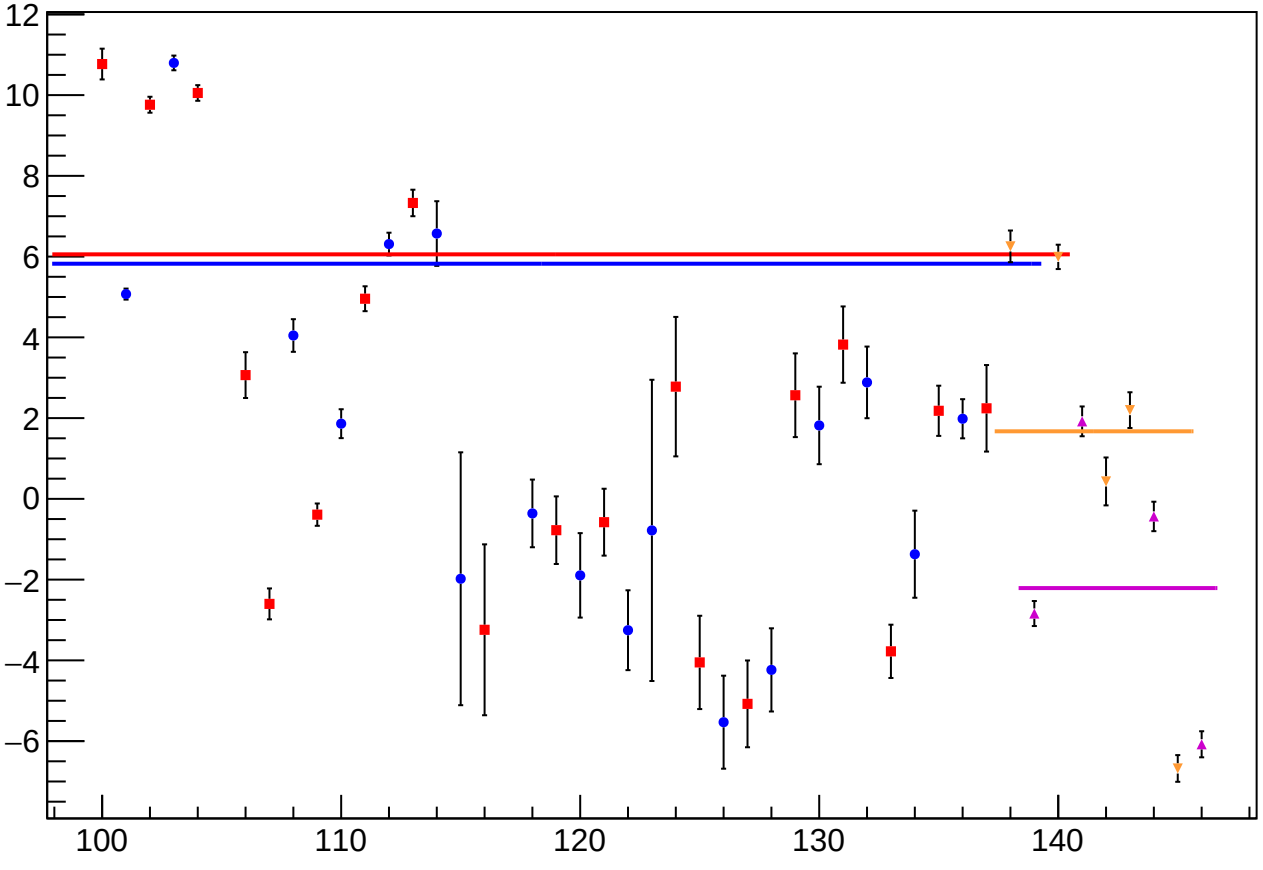
Left In: -0.047+/-0.131 χ^2/NDF:1178.5/3

+ sign -4.303+/-0.050 χ^2/NDF: 12706.4/21

All: -5.036+/-0.037 χ^2/NDF: 29058.2/44

- sign -5.872+/-0.054 χ^2/NDF: 15898.9/22

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 1.673+/-0.170 χ^2/NDF:985.6/4

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

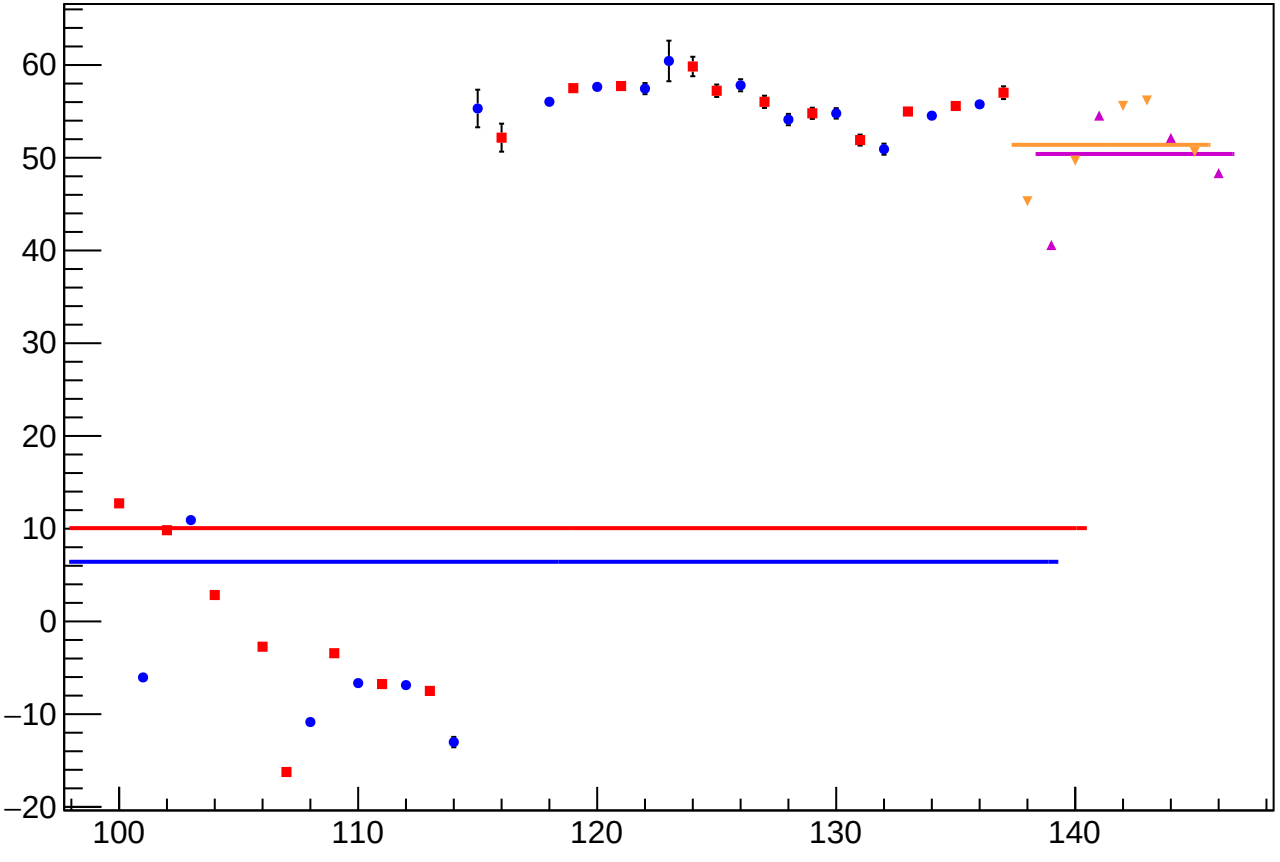
Left In: -2.210+/-0.169 χ^2/NDF:296.6/3

+ sign 4.922+/-0.079 χ^2/NDF: 2904.8/21

All: 4.538+/-0.057 χ^2/NDF: 7746.1/44

- sign 4.131+/-0.082 χ^2/NDF: 4793.0/22

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 51.394+/-0.152 χ^2/NDF:539.3/4

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

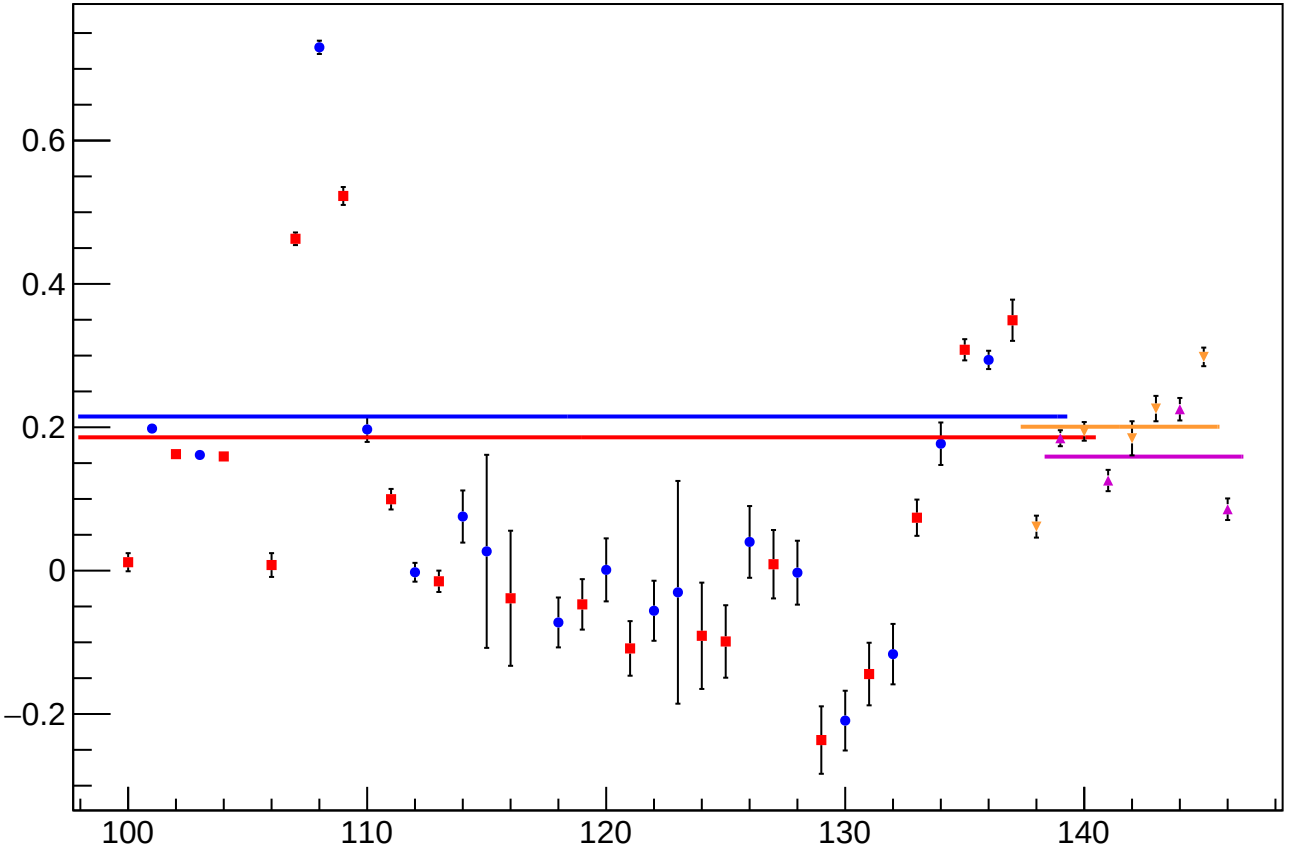
Left In: 50.408+/-0.155 χ^2/NDF:659.3/3

+ sign 13.335+/-0.060 χ^2/NDF: 198171.4/21

All: 14.961+/-0.043 χ^2/NDF: 378312.9/44

- sign 16.819+/-0.064 χ^2/NDF: 178542.9/22

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.201+/-0.007 χ^2/NDF:142.0/4

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

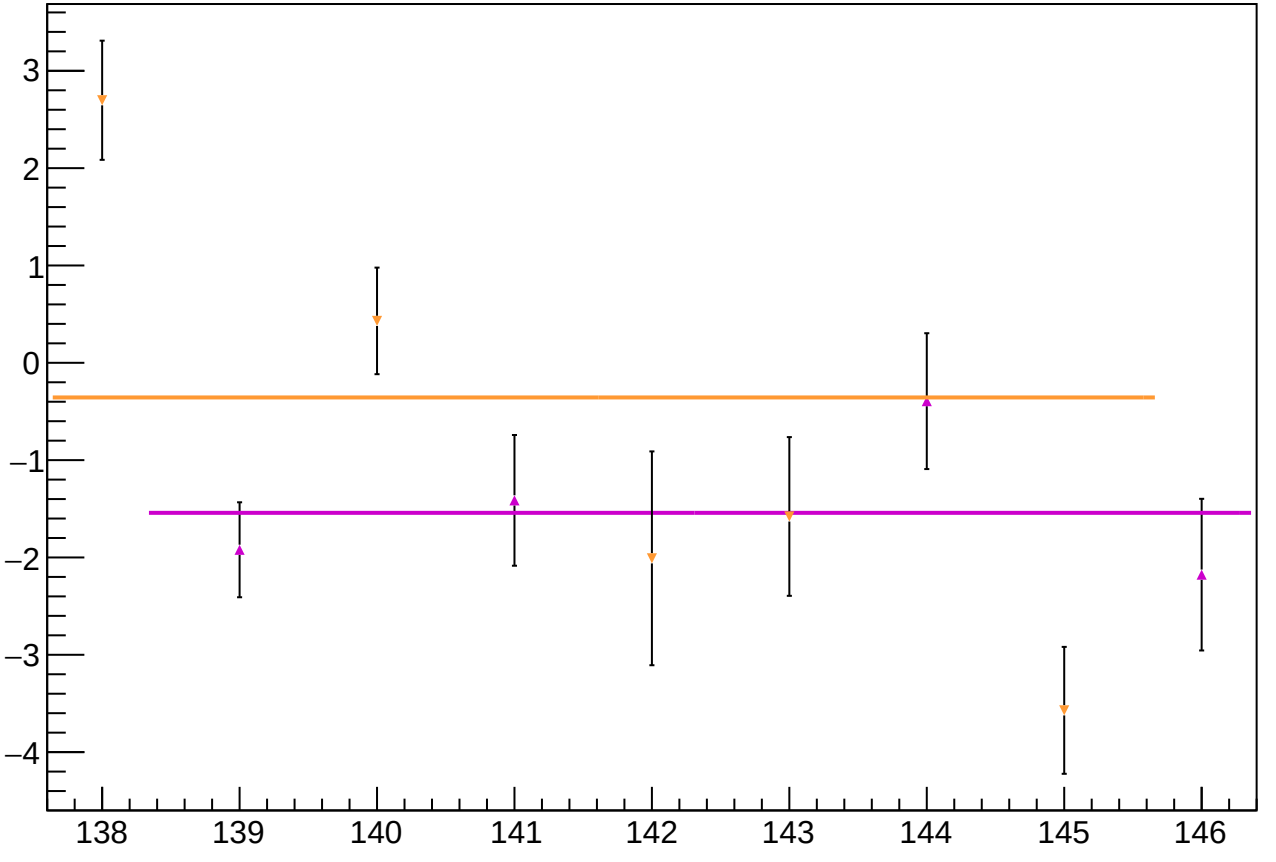
Left In: 0.159+/-0.007 χ^2/NDF:51.9/3

+ sign 0.213+/-0.003 χ^2/NDF: 4075.8/21

All: 0.197+/-0.002 χ^2/NDF: 6934.0/44

- sign 0.182+/-0.003 χ^2/NDF: 2785.4/22

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.356+/-0.306 χ^2/NDF:55.8/4

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

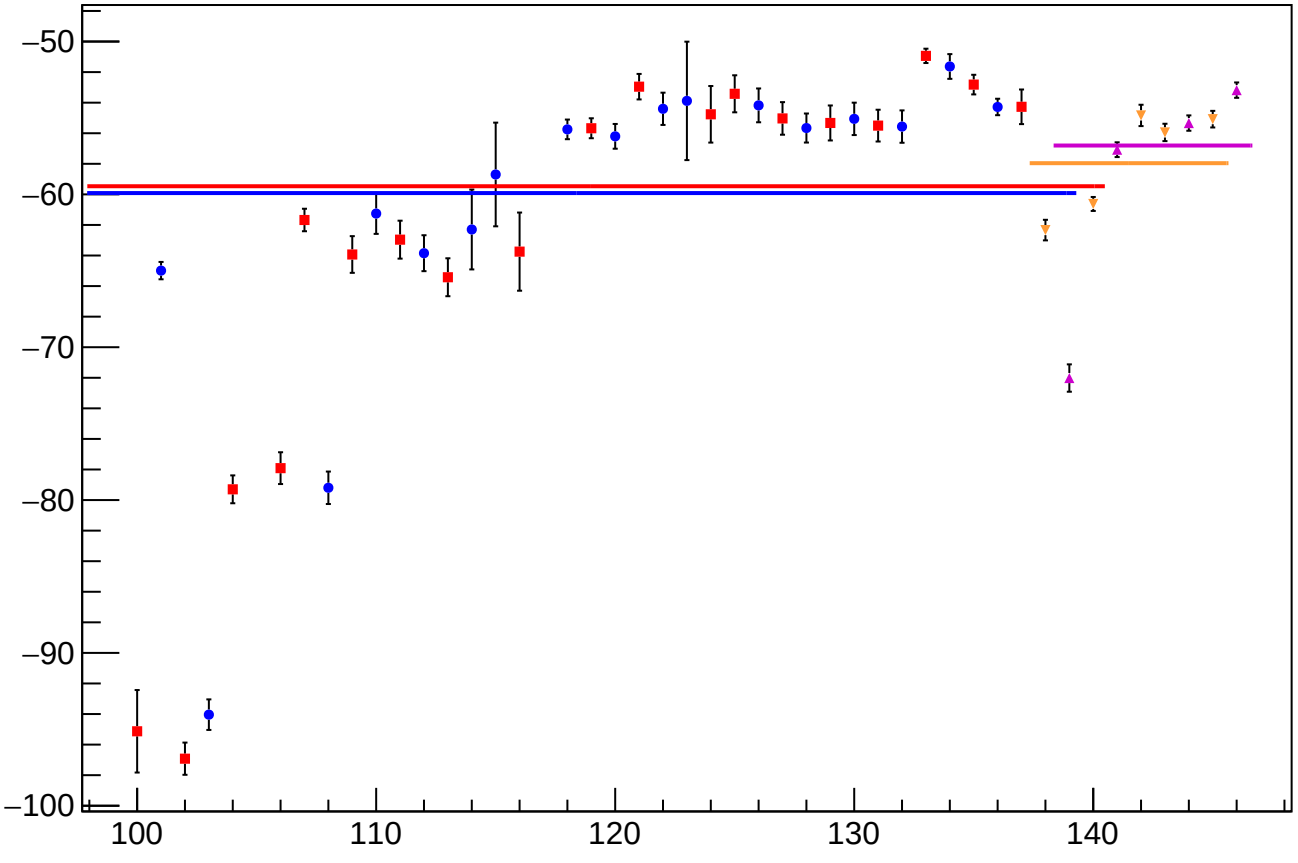
Left In: -1.542+/-0.314 χ^2/NDF:4.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.933+/-0.219 χ^2/NDF: 67.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914+/-0.223 χ^2/NDF: 1979.5/16

Left Out: -57.959+/-0.254 χ^2/NDF:137.0/4

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

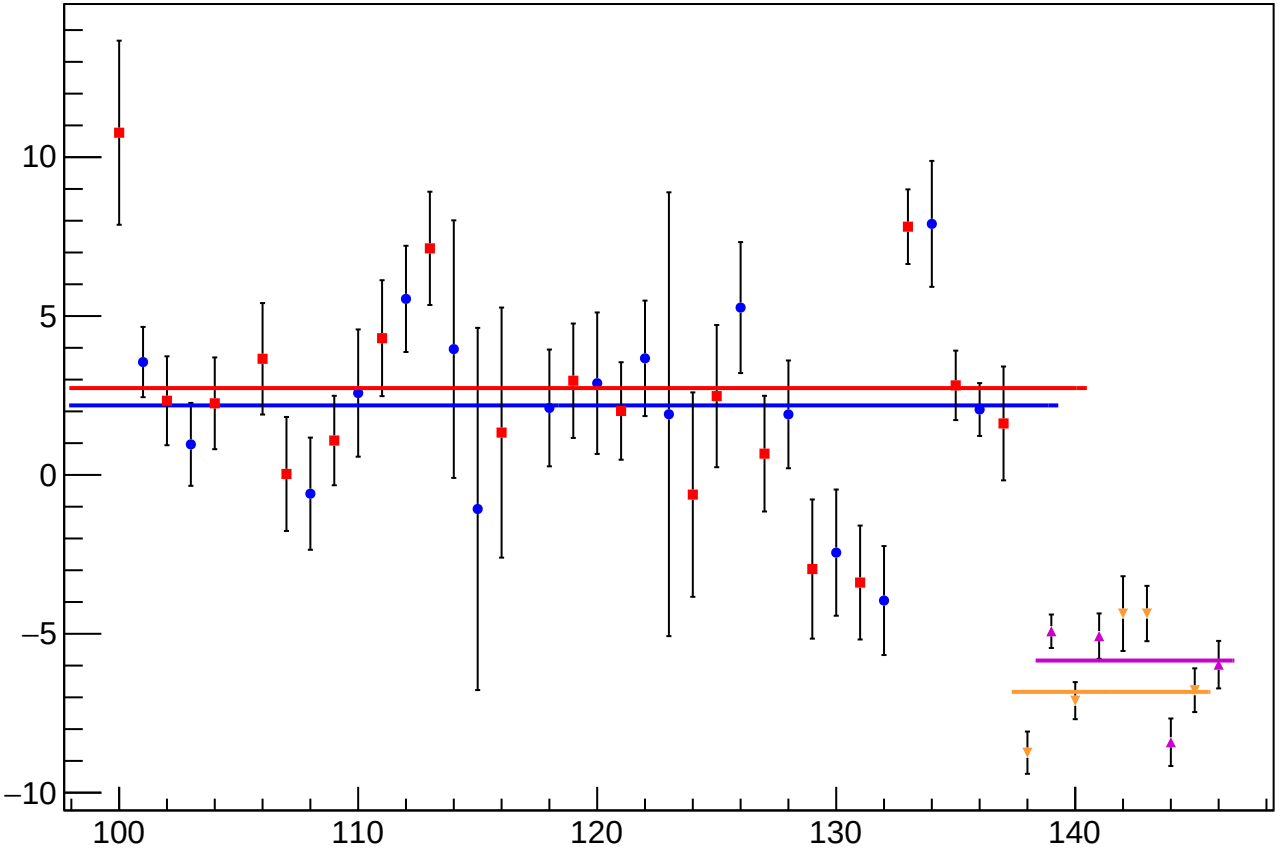
Left In: -56.804+/-0.273 χ^2/NDF:349.7/3

+ sign -59.062+/-0.168 χ^2/NDF: 2150.0/21

All: -58.763+/-0.118 χ^2/NDF: 5478.2/44

- sign -58.464+/-0.167 χ^2/NDF: 3321.9/22

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -6.828+/-0.327 χ^2/NDF:20.9/4

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

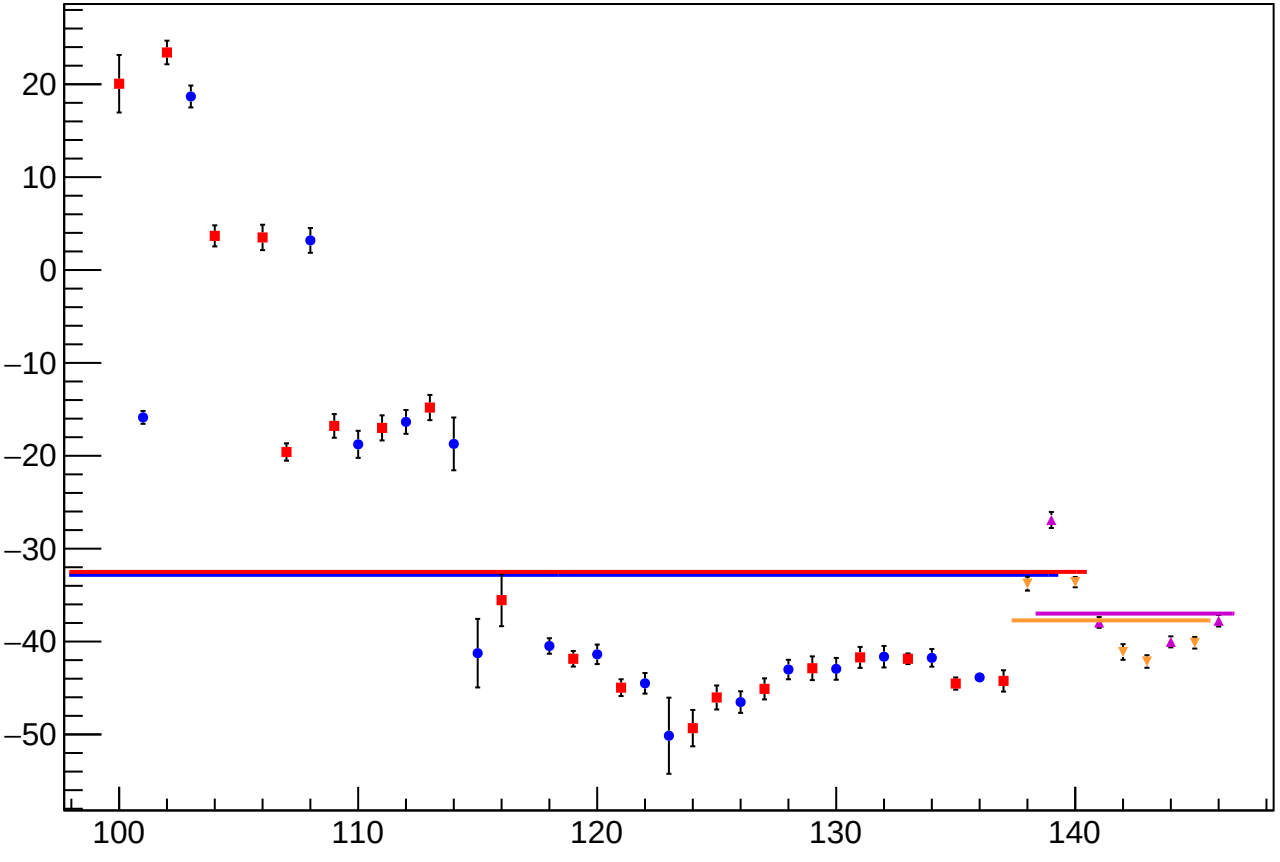
Left In: -5.842+/-0.331 χ^2/NDF:16.1/3

+ sign -3.261+/-0.254 χ^2/NDF: 360.9/21

All: -2.740+/-0.179 χ^2/NDF: 727.4/44

- sign -2.230+/-0.252 χ^2/NDF: 358.2/22

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.722+/-0.298 χ^2/NDF:157.8/4

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

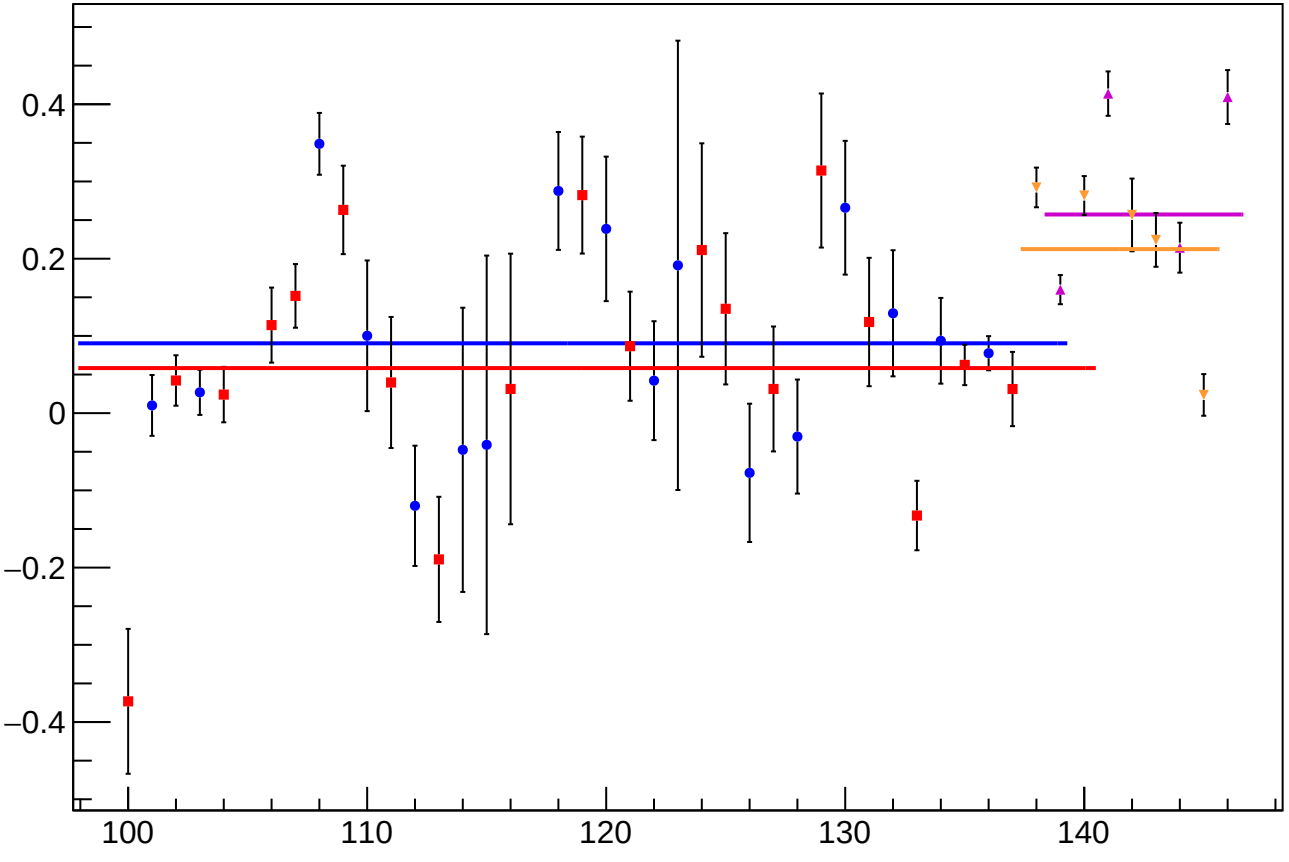
Left In: -36.989+/-0.320 χ^2/NDF:167.0/3

+ sign -34.880+/-0.193 χ^2/NDF: 4981.3/21

All: -34.517+/-0.137 χ^2/NDF: 11317.7/44

- sign -34.152+/-0.194 χ^2/NDF: 6329.4/22

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.212+/-0.013 χ^2/NDF:67.2/4

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

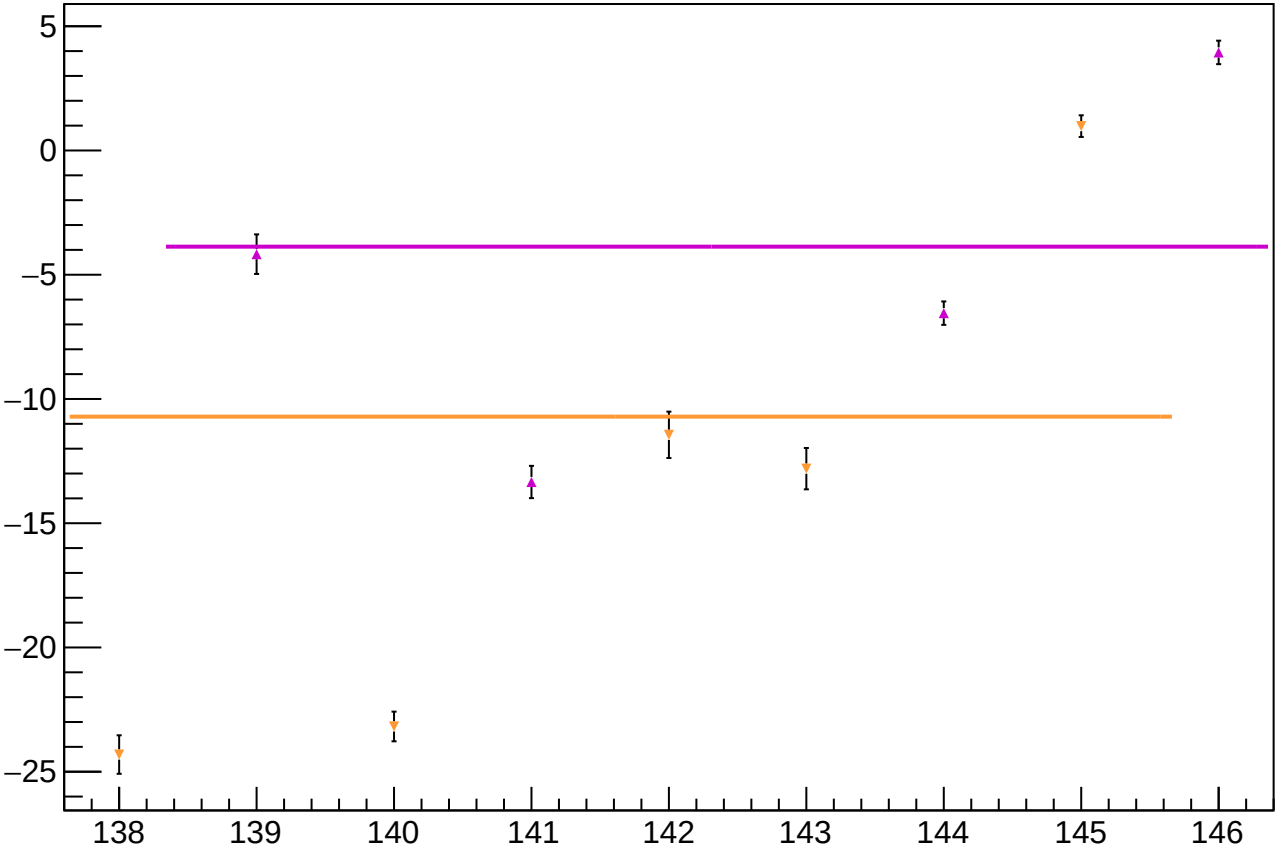
Left In: 0.257+/-0.013 χ^2/NDF:77.0/3

+ sign 0.149+/-0.009 χ^2/NDF: 190.7/21

All: 0.150+/-0.006 χ^2/NDF: 478.7/44

- sign 0.150+/-0.009 χ^2/NDF: 287.9/22

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.711+/-0.285 χ^2/NDF:1470.9/4

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

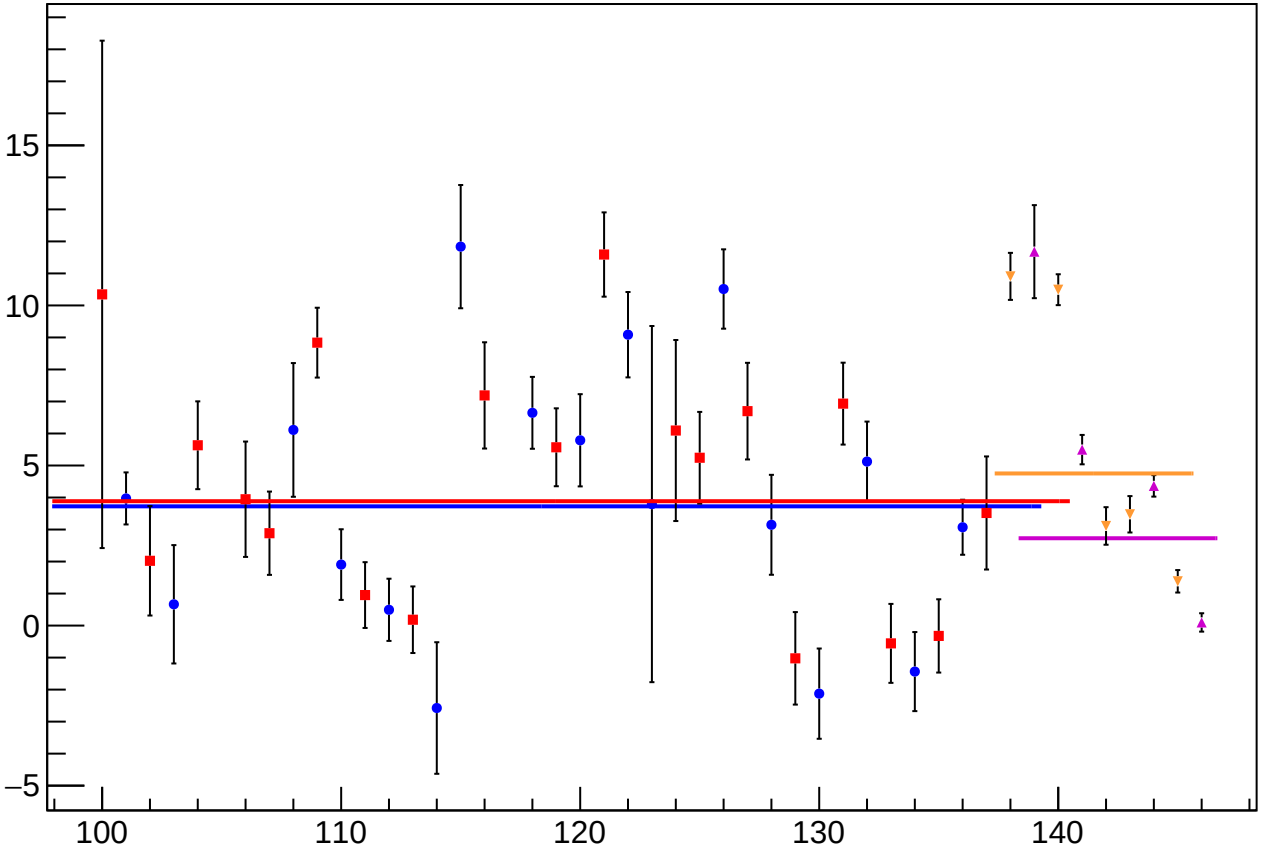
Left In: -3.870+/-0.278 χ^2/NDF:518.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.209+/-0.199 χ^2/NDF: 2285.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725+/-0.308 χ^2/NDF: 136.8/16

Left Out: 4.752+/-0.222 χ^2/NDF:316.8/4

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

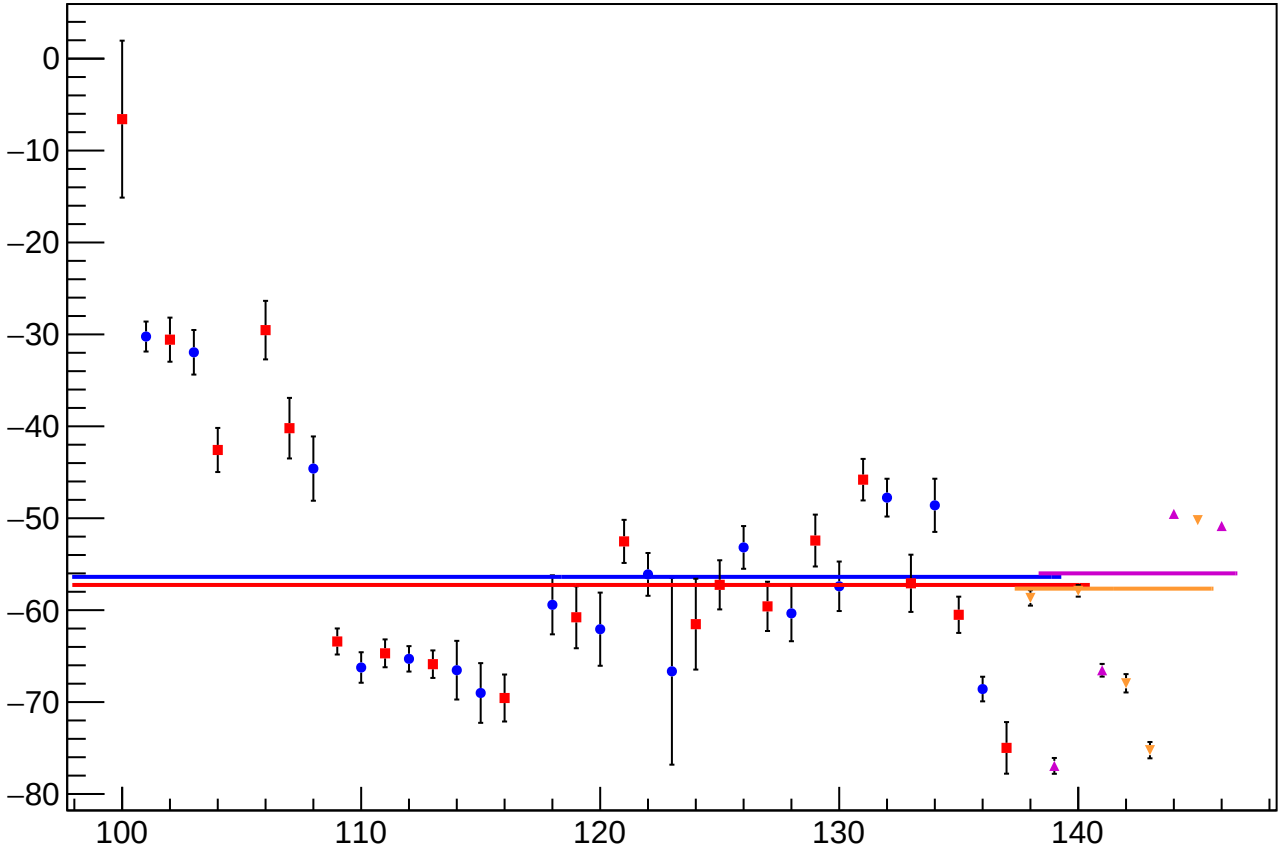
Left In: 2.728+/-0.195 χ^2/NDF:182.1/3

+ sign 4.401+/-0.180 χ^2/NDF: 460.8/21

All: 3.669+/-0.122 χ^2/NDF: 817.5/44

- sign 3.047+/-0.166 χ^2/NDF: 326.2/22

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -57.661+/-0.304 χ^2/NDF:758.0/4

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

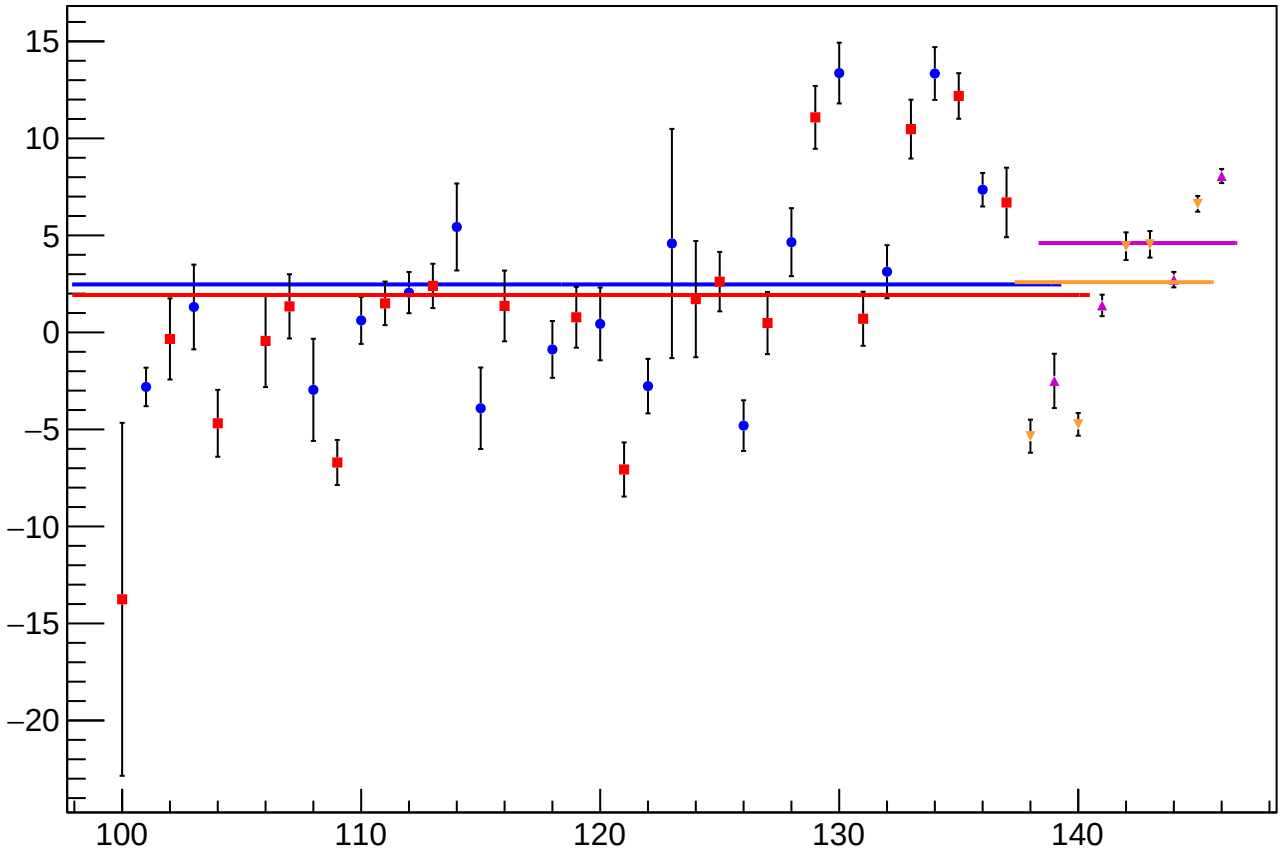
Left In: -55.998+/-0.286 χ^2/NDF:1118.4/3

+ sign -57.354+/-0.265 χ^2/NDF: 1349.6/21

All: -56.789+/-0.183 χ^2/NDF: 2957.1/44

- sign -56.277+/-0.252 χ^2/NDF: 1598.8/22

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 2.589+/-0.263 χ^2/NDF:358.1/4

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

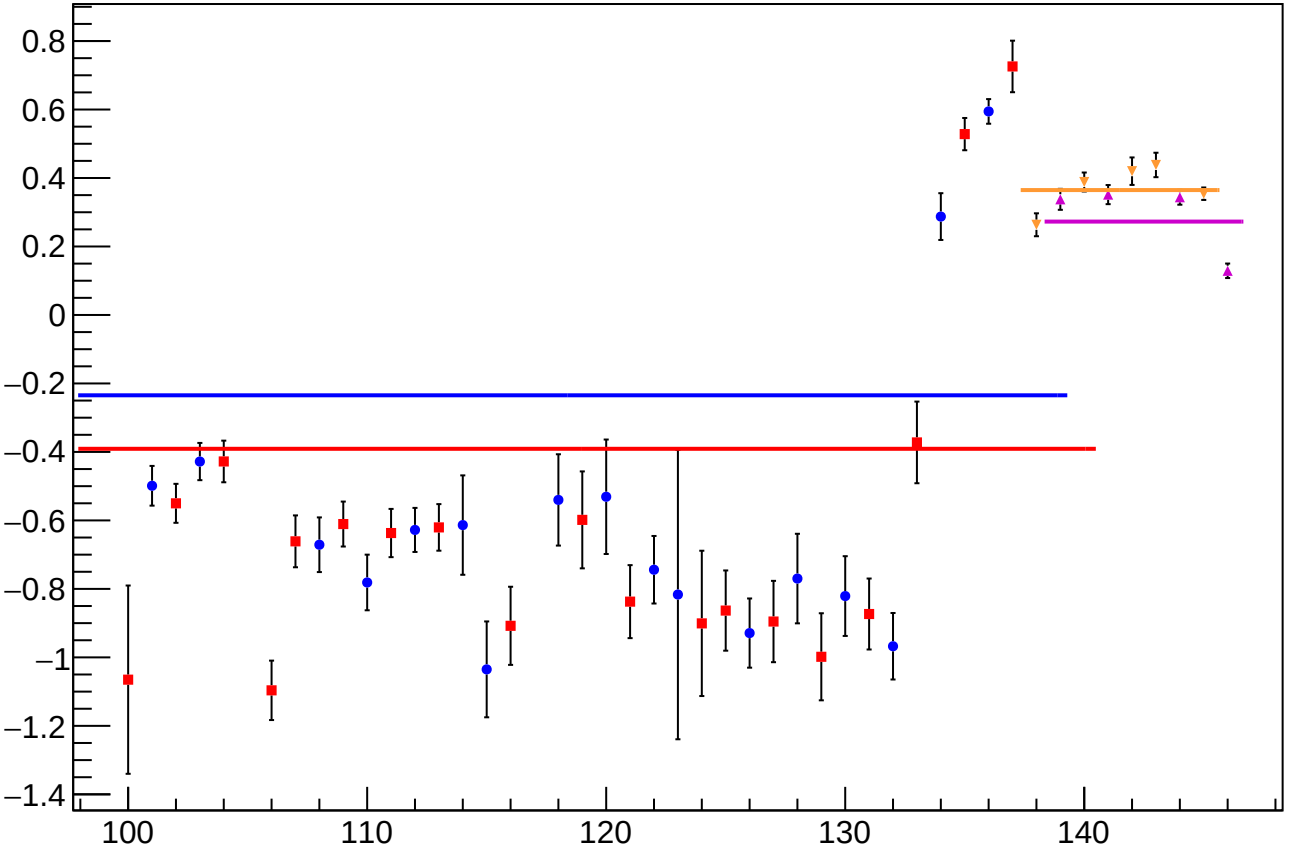
Left In: 4.607+/-0.238 χ^2/NDF:171.7/3

+ sign 2.546+/-0.209 χ^2/NDF: 601.8/21

All: 3.194+/-0.144 χ^2/NDF: 1097.5/44

- sign 3.774+/-0.198 χ^2/NDF: 477.6/22

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.365+/-0.012 χ^2/NDF:16.3/4

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

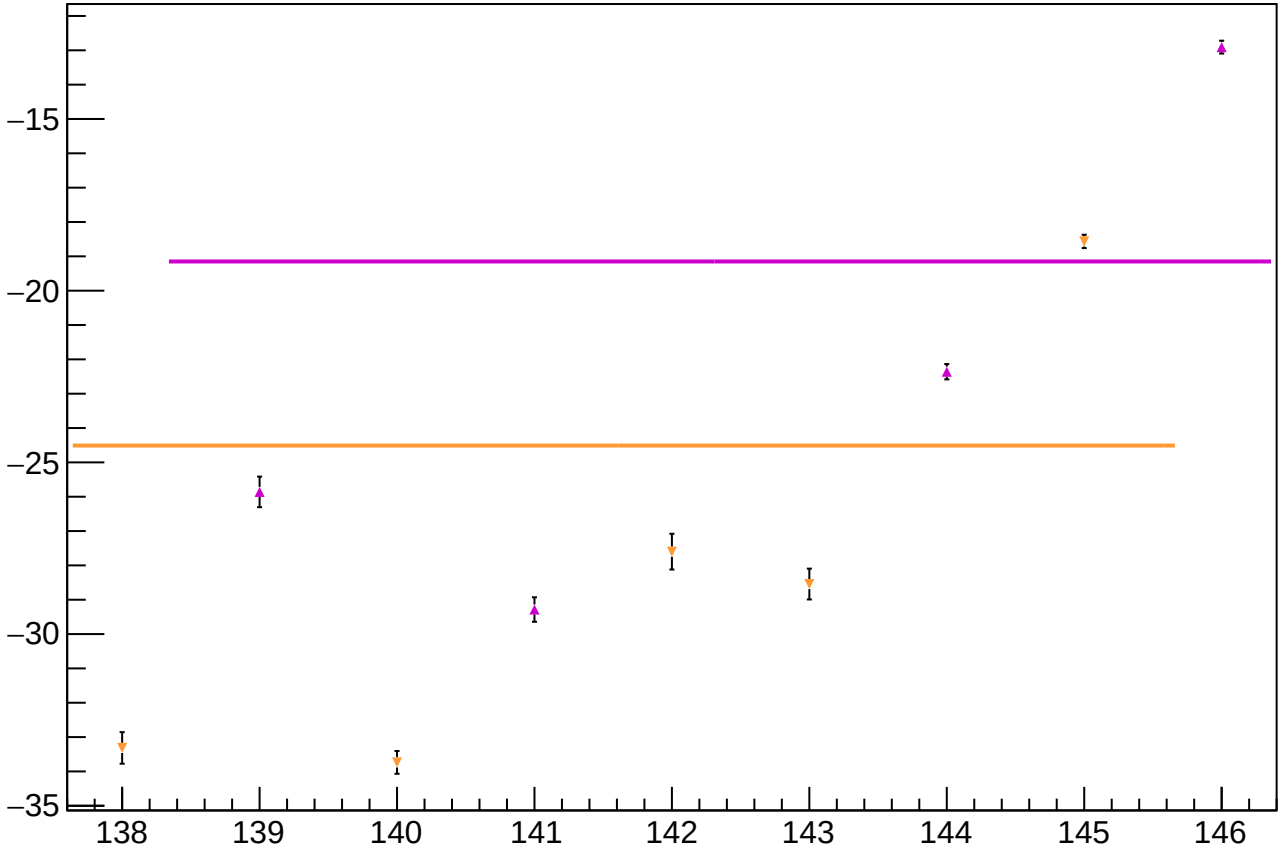
Left In: 0.273+/-0.012 χ^2/NDF:69.2/3

+ sign 0.186+/-0.010 χ^2/NDF: 1683.1/21

All: 0.132+/-0.007 χ^2/NDF: 3526.7/44

- sign 0.078+/-0.010 χ^2/NDF: 1788.0/22

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -24.510+/-0.143 χ^2/NDF:2186.2/4

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

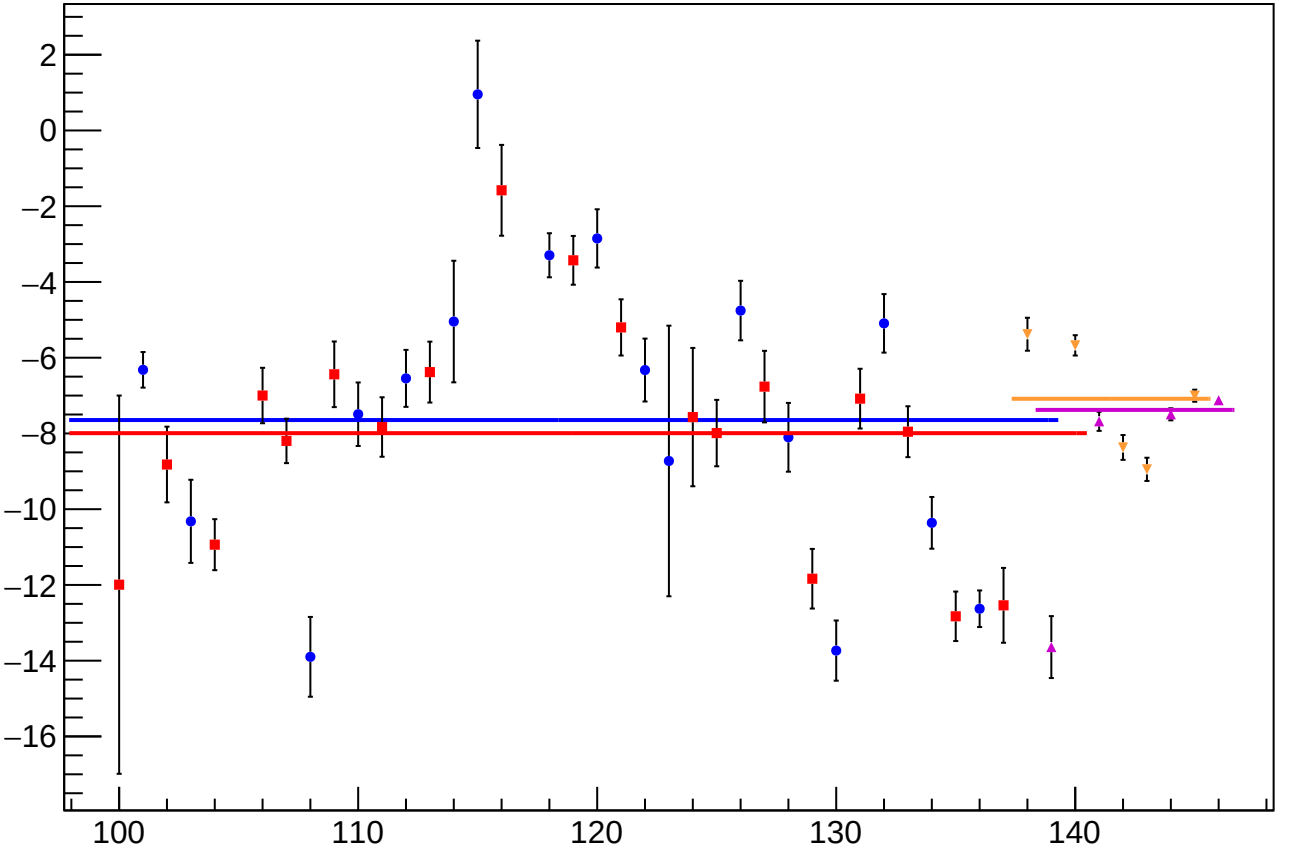
Left In: -19.149+/-0.128 χ^2/NDF:2349.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.523+/-0.095 χ^2/NDF: 5317.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646+/-0.186 χ^2/NDF: 393.6/16

Left Out: -7.084+/-0.113 χ^2/NDF:95.6/4

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

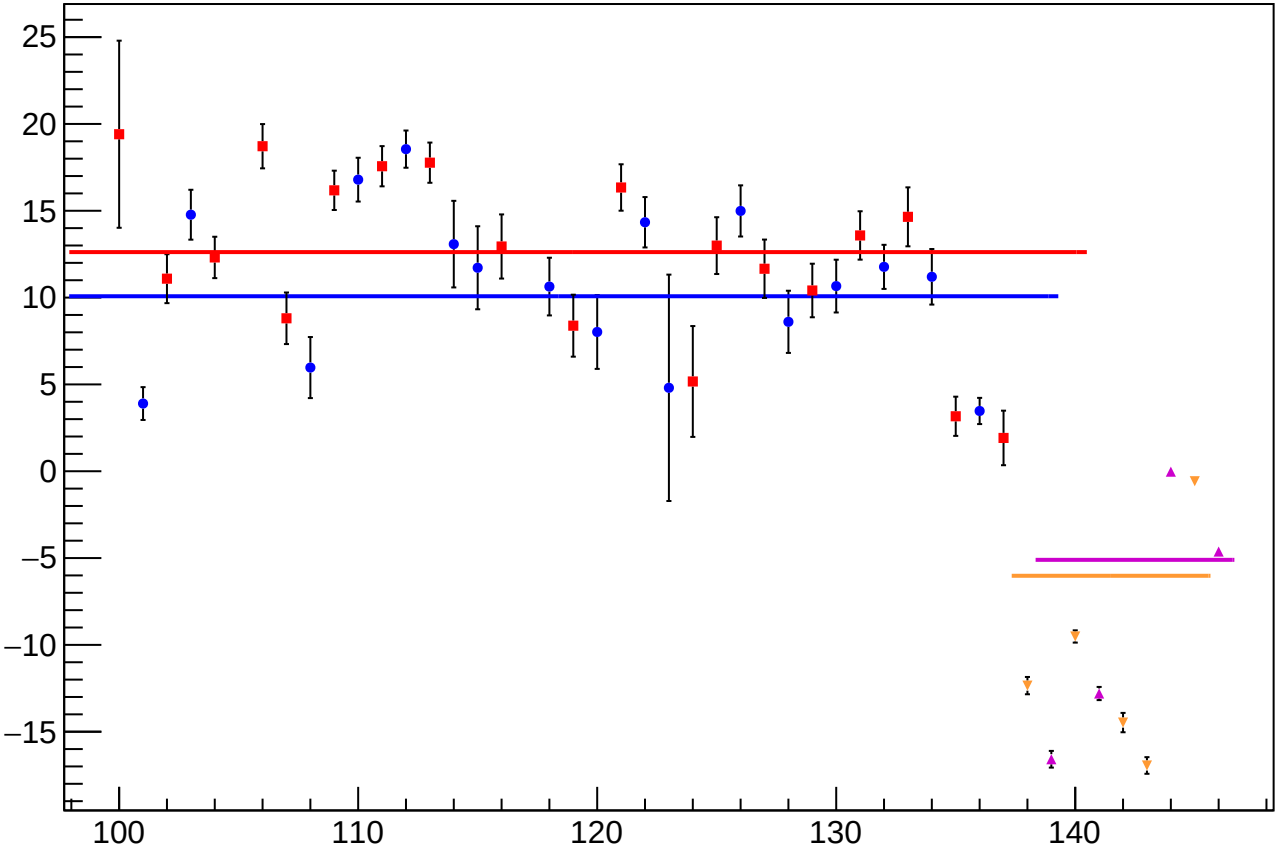
Left In: -7.378+/-0.088 χ^2/NDF:65.4/3

+ sign -7.236+/-0.096 χ^2/NDF: 495.9/21

All: -7.388+/-0.061 χ^2/NDF: 799.8/44

- sign -7.490+/-0.079 χ^2/NDF: 299.8/22

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -6.020+/-0.152 χ^2/NDF:1707.1/4

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

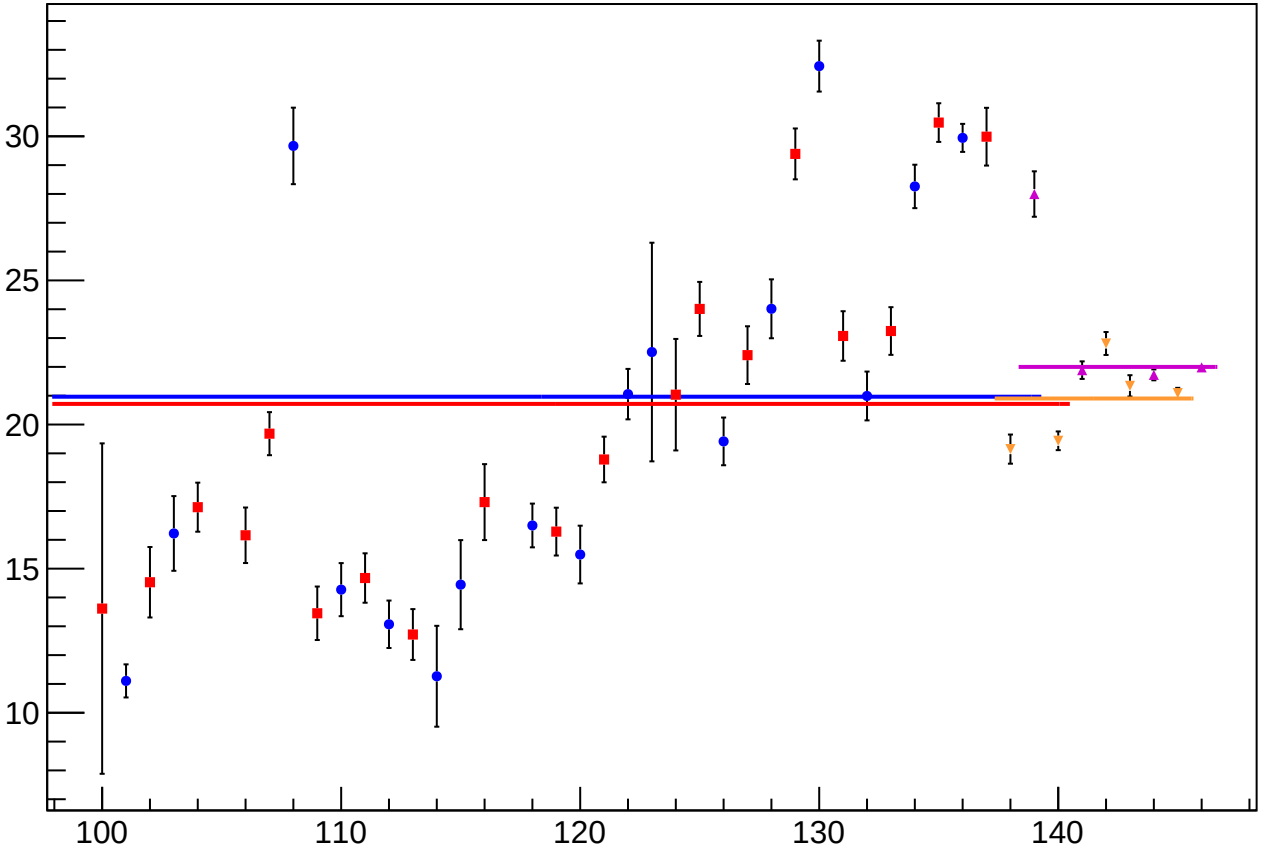
Left In: -5.102+/-0.130 χ^2/NDF:1438.3/3

+ sign -3.290+/-0.139 χ^2/NDF: 3857.1/21

All: -2.990+/-0.091 χ^2/NDF: 7990.3/44

- sign -2.763+/-0.121 χ^2/NDF: 4125.0/22

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.903+/-0.133 χ^2/NDF:57.9/4

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

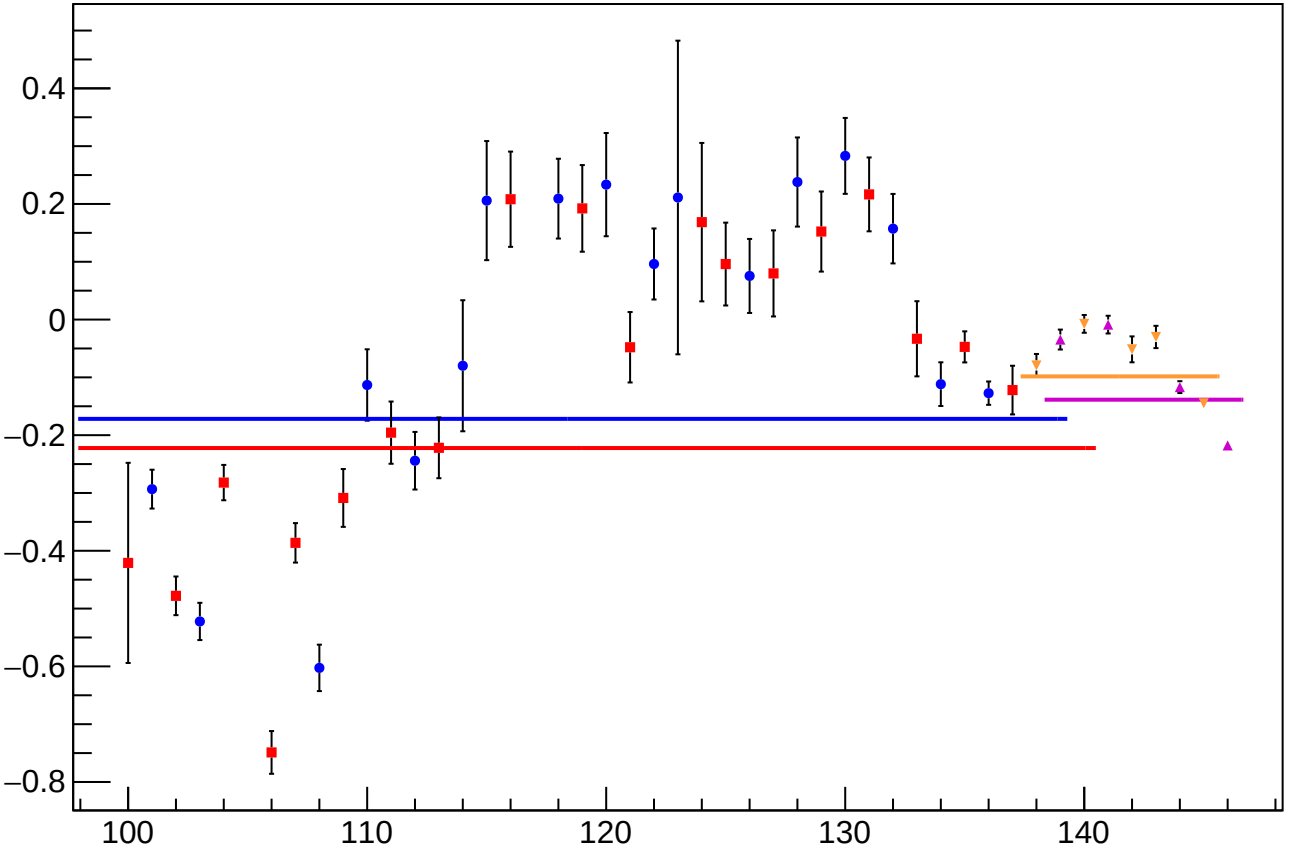
Left In: 21.999+/-0.107 χ^2/NDF:60.2/3

+ sign 20.921+/-0.112 χ^2/NDF: 1283.4/21

All: 21.393+/-0.073 χ^2/NDF: 2133.2/44

- sign 21.738+/-0.096 χ^2/NDF: 819.1/22

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.098+/-0.006 χ^2/NDF:85.6/4

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

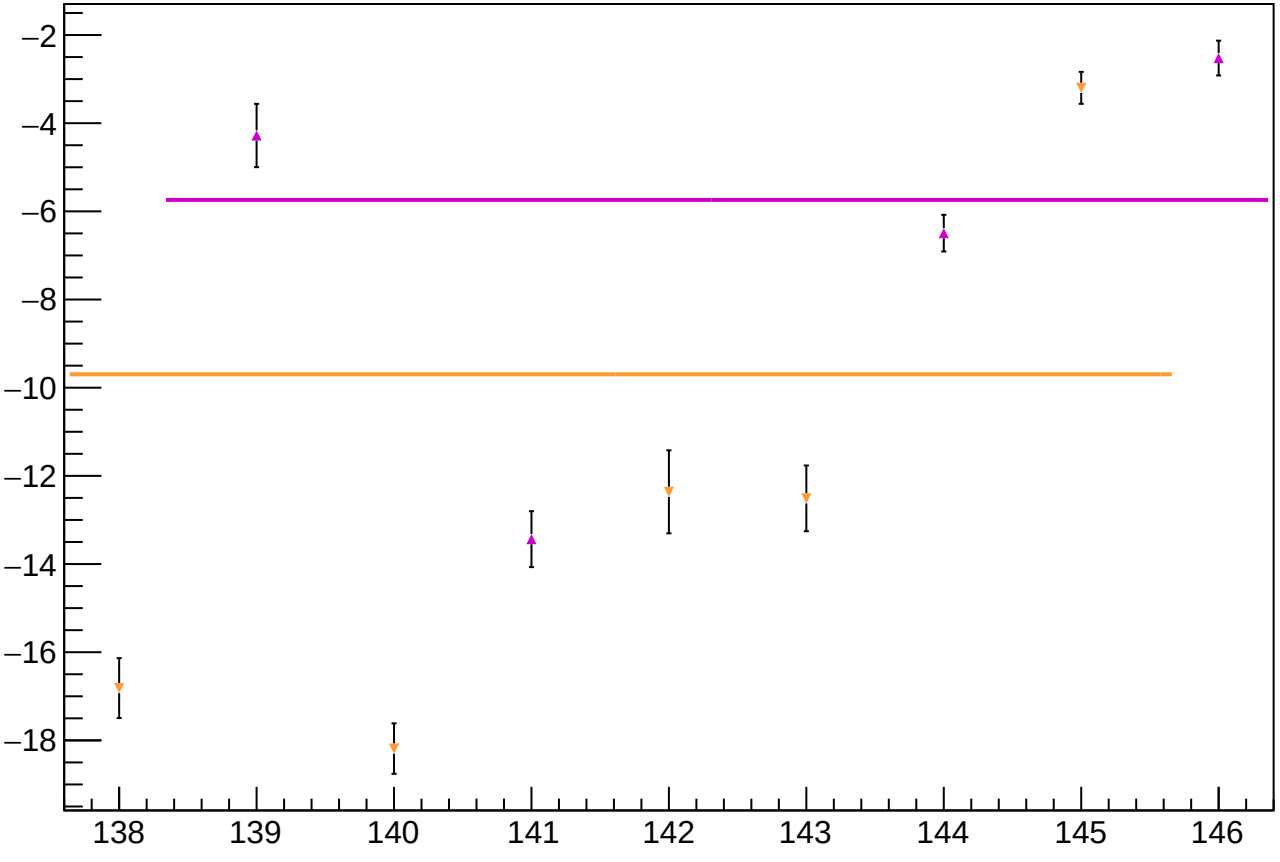
Left In: -0.139+/-0.006 χ^2/NDF:200.4/3

+ sign -0.115+/-0.005 χ^2/NDF: 583.0/21

All: -0.137+/-0.004 χ^2/NDF: 1396.6/44

- sign -0.156+/-0.005 χ^2/NDF: 782.6/22

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.696+/-0.252 χ^2/NDF:673.1/4

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

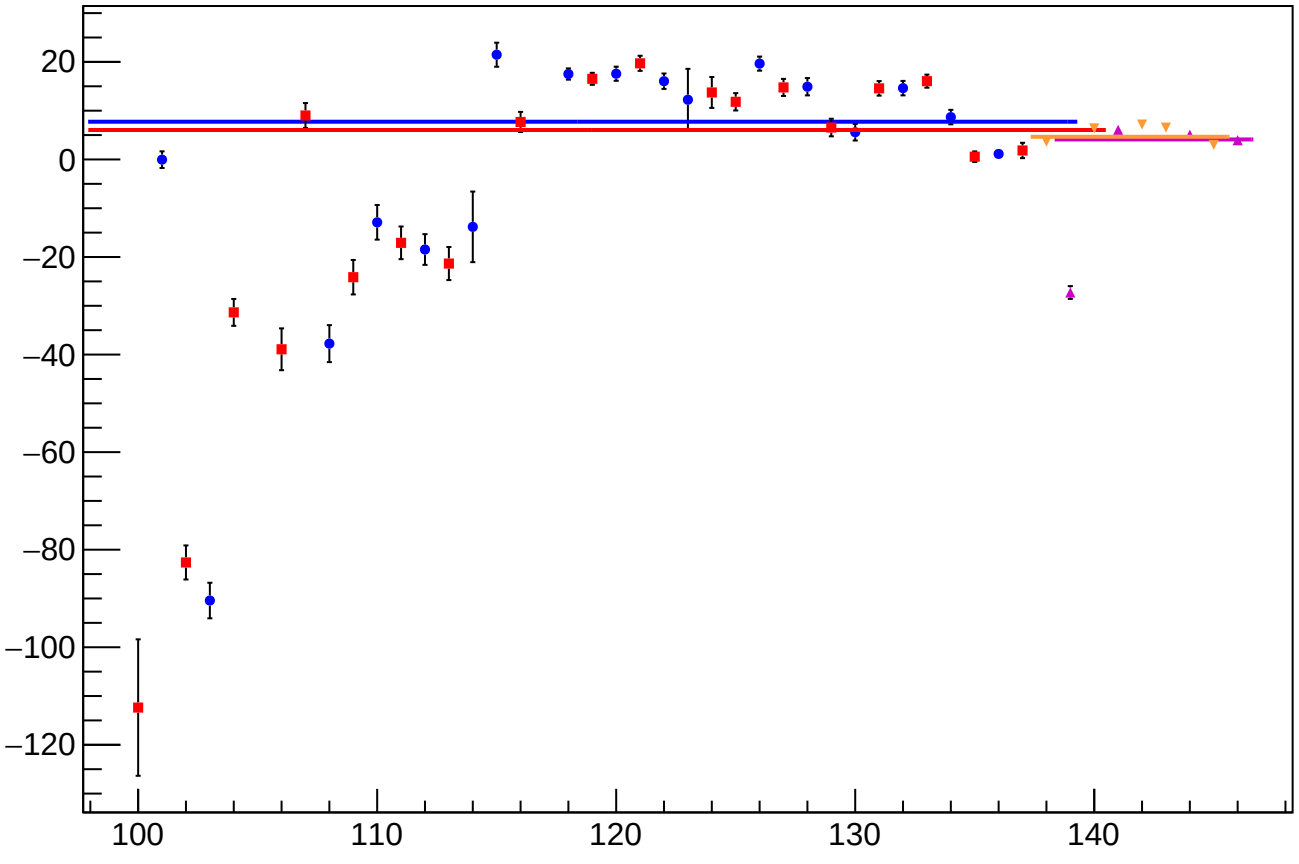
Left In: -5.740+/-0.245 χ^2/NDF:221.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.664+/-0.176 χ^2/NDF: 1021.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 4.650+/-0.197 χ^2/NDF:80.9/4

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

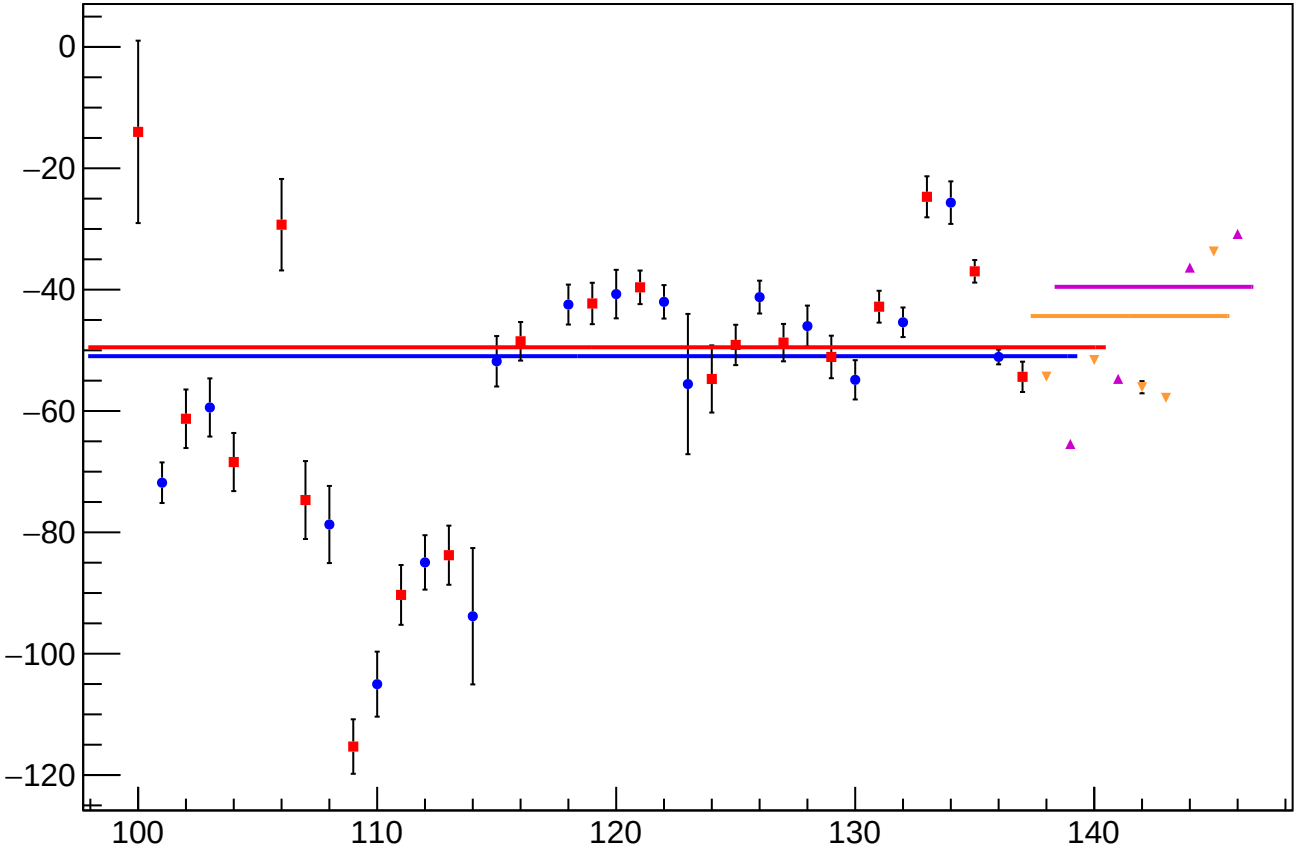
Left In: 4.102+/-0.175 χ^2/NDF:606.7/3

+ sign 5.247+/-0.177 χ^2/NDF: 1486.7/21

All: 4.772+/-0.120 χ^2/NDF: 3635.9/44

- sign 4.373+/-0.162 χ^2/NDF: 2135.9/22

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -44.351+/-0.270 χ^2/NDF:1500.9/4

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

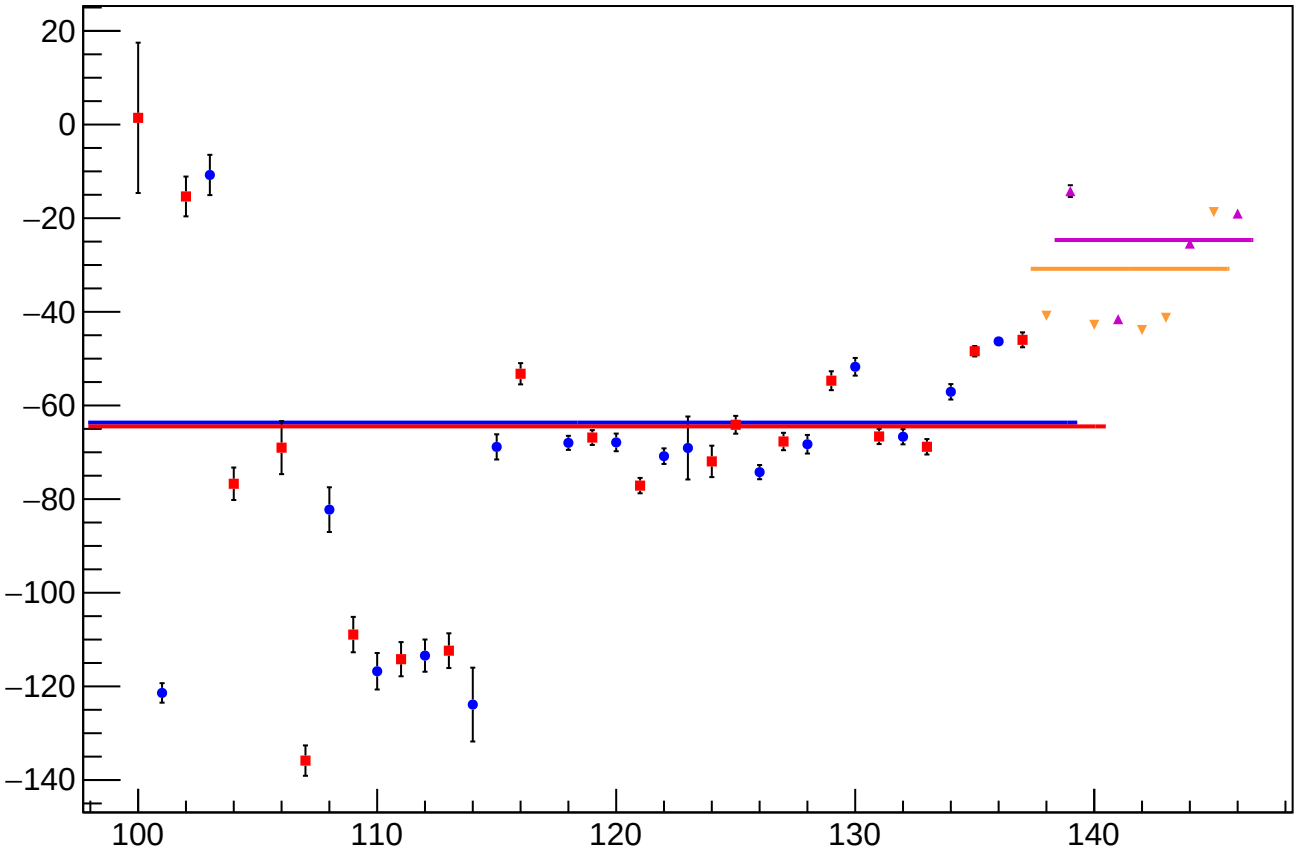
Left In: -39.534+/-0.251 χ^2/NDF:2195.6/3

+ sign -45.130+/-0.253 χ^2/NDF: 1904.5/21

All: -42.655+/-0.174 χ^2/NDF: 4933.8/44

- sign -40.436+/-0.240 χ^2/NDF: 2848.0/22

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -30.808+/-0.233 χ^2/NDF:2565.6/4

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

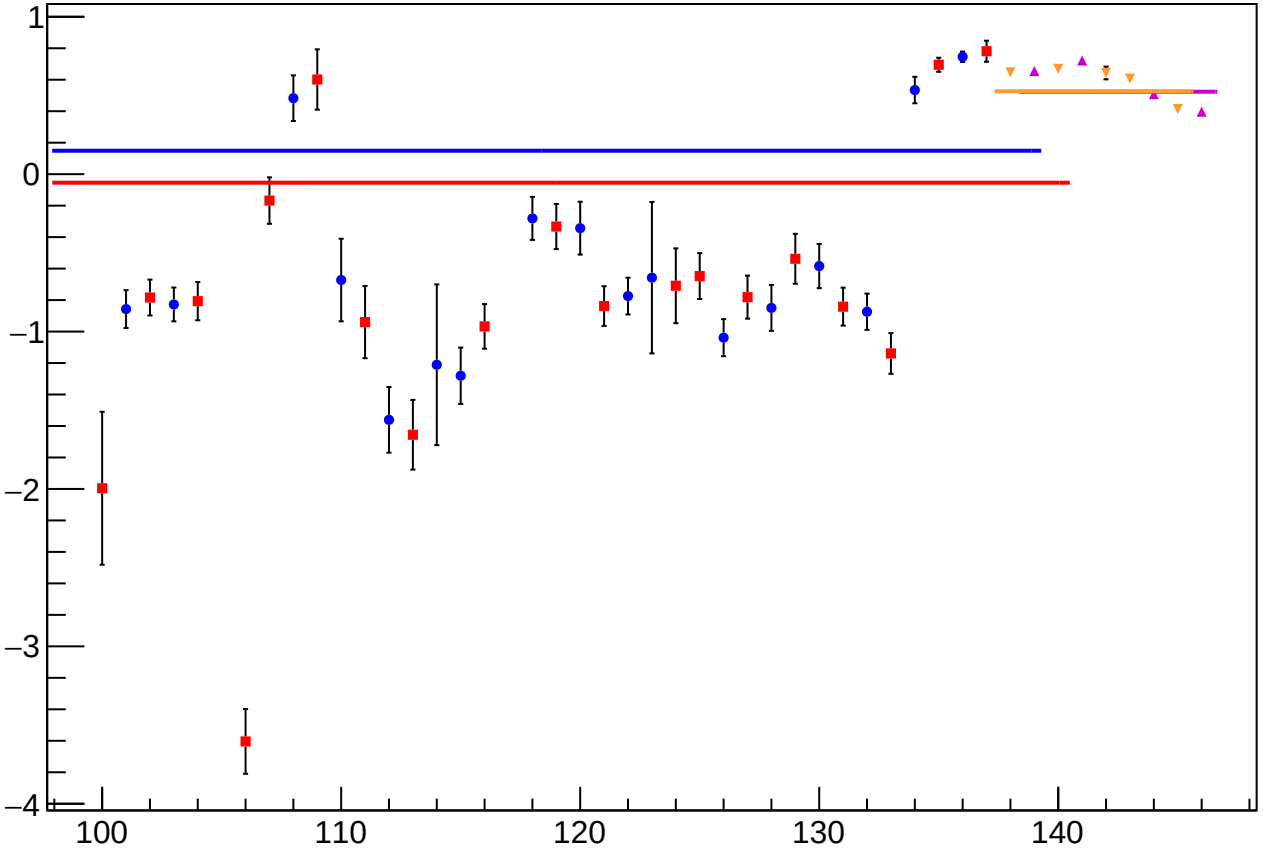
Left In: -24.662+/-0.212 χ^2/NDF:1368.1/3

+ sign -37.848+/-0.206 χ^2/NDF: 8854.3/21

All: -34.282+/-0.141 χ^2/NDF: 18097.5/44

- sign -31.115+/-0.194 χ^2/NDF: 8678.3/22

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.527+/-0.011 χ^2/NDF:115.2/4

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

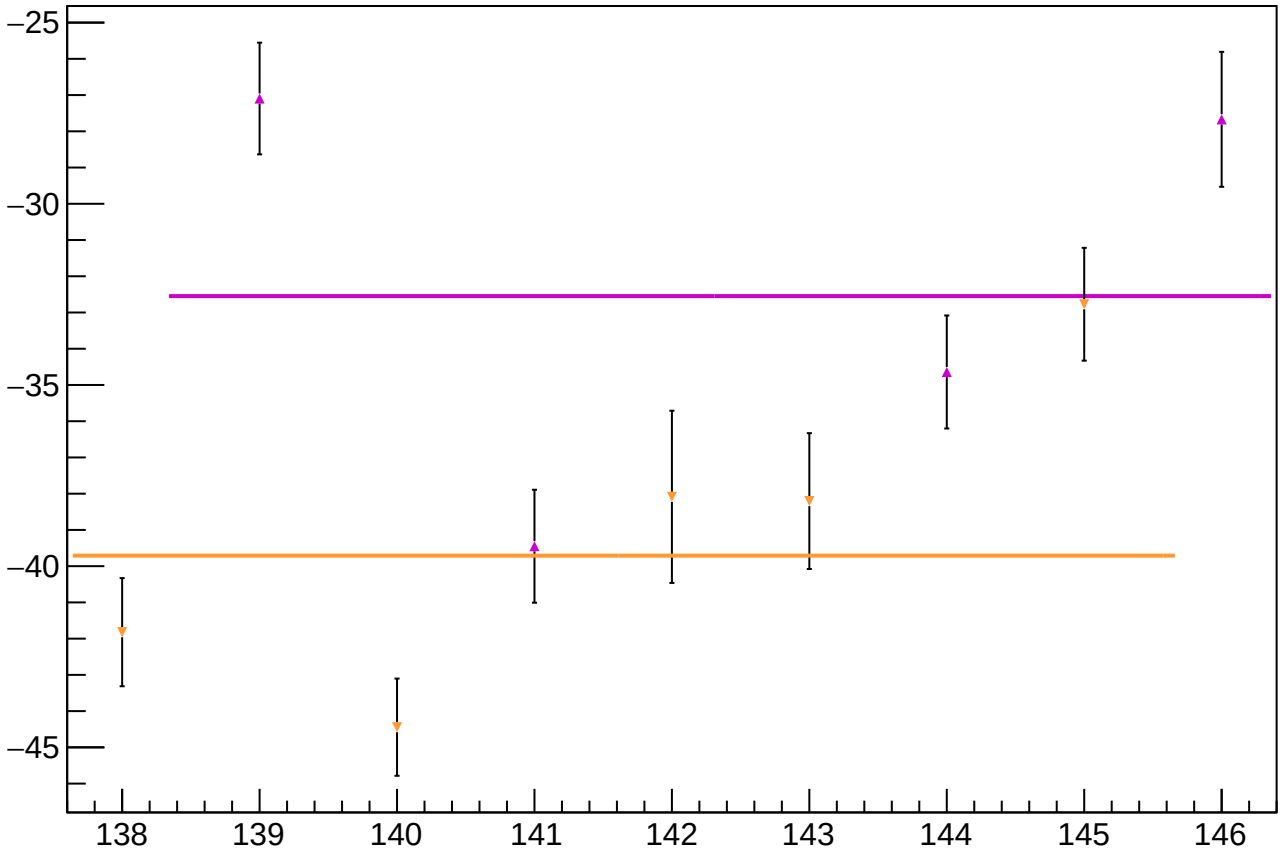
Left In: 0.524+/-0.011 χ^2/NDF:126.8/3

+ sign 0.462+/-0.010 χ^2/NDF: 1311.2/21

All: 0.451+/-0.007 χ^2/NDF: 3023.9/44

- sign 0.439+/-0.010 χ^2/NDF: 1710.0/22

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -39.710+/-0.729 χ^2/NDF:35.4/4

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

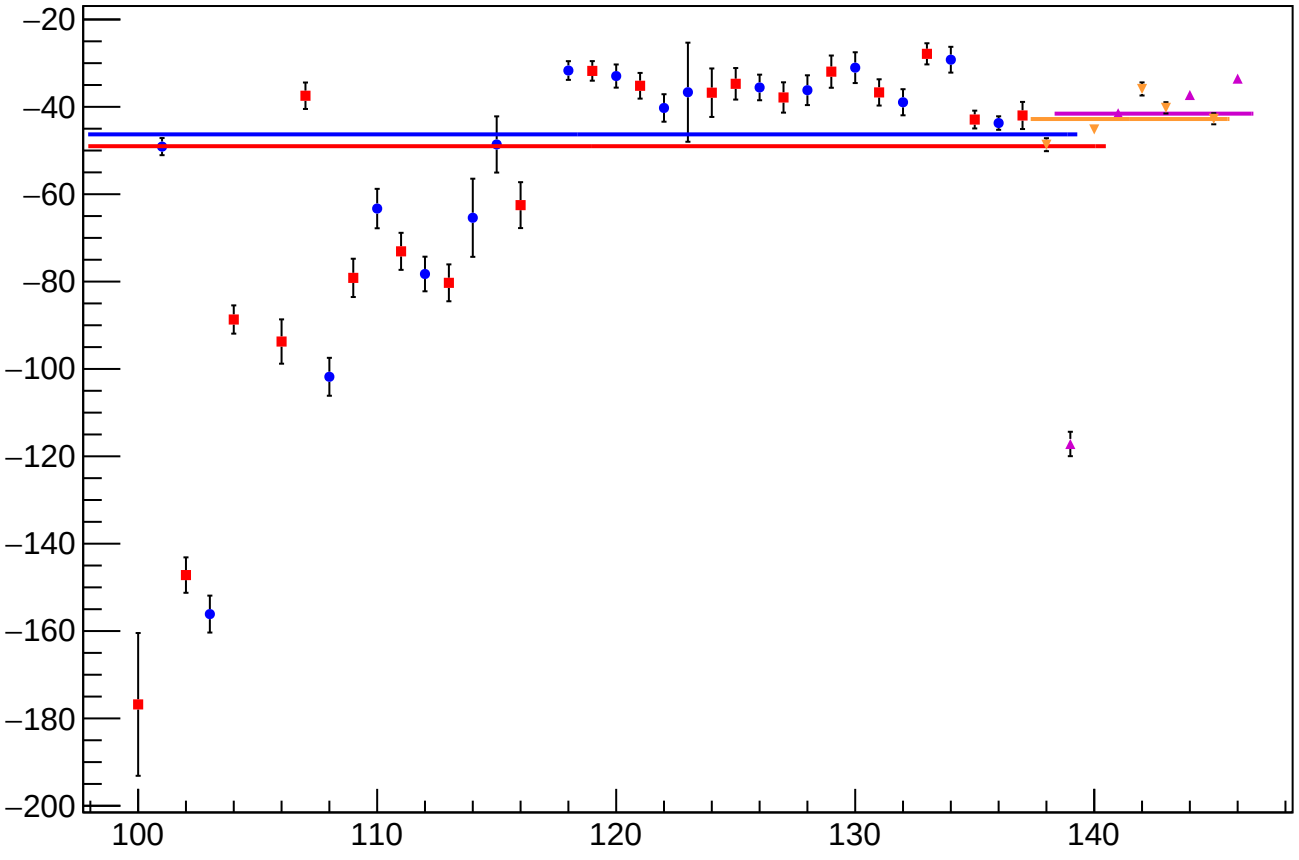
Left In: -32.547+/-0.808 χ^2/NDF:40.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.493+/-0.541 χ^2/NDF: 119.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300+/-0.723 χ^2/NDF: 1084.0/16

Left Out: -42.788+/-0.582 χ^2/NDF:45.4/4

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

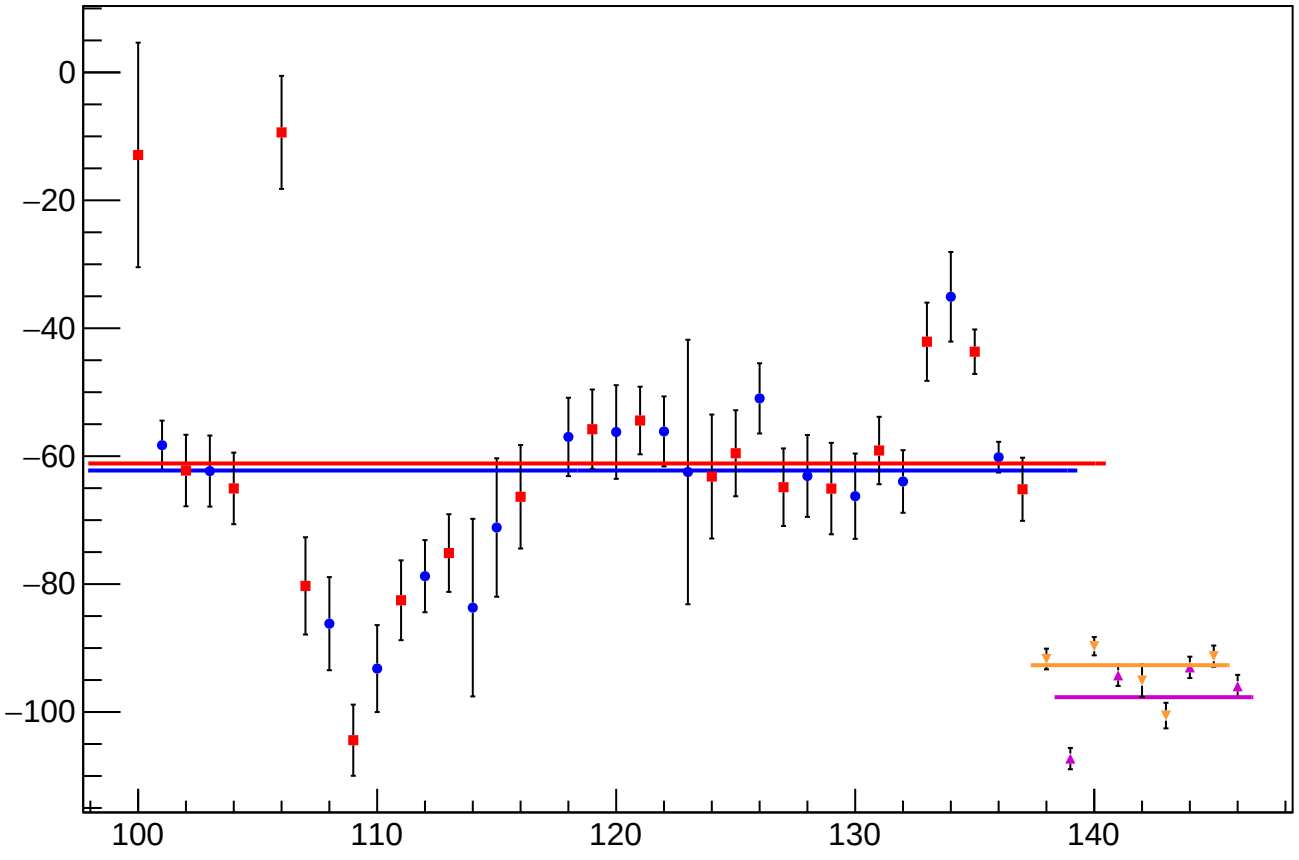
Left In: -41.557+/-0.630 χ^2/NDF:797.8/3

+ sign -44.168+/-0.453 χ^2/NDF: 1143.7/21

All: -44.358+/-0.331 χ^2/NDF: 3270.2/44

- sign -44.576+/-0.486 χ^2/NDF: 2126.1/22

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -92.678+/-0.780 χ^2/NDF:21.8/4

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

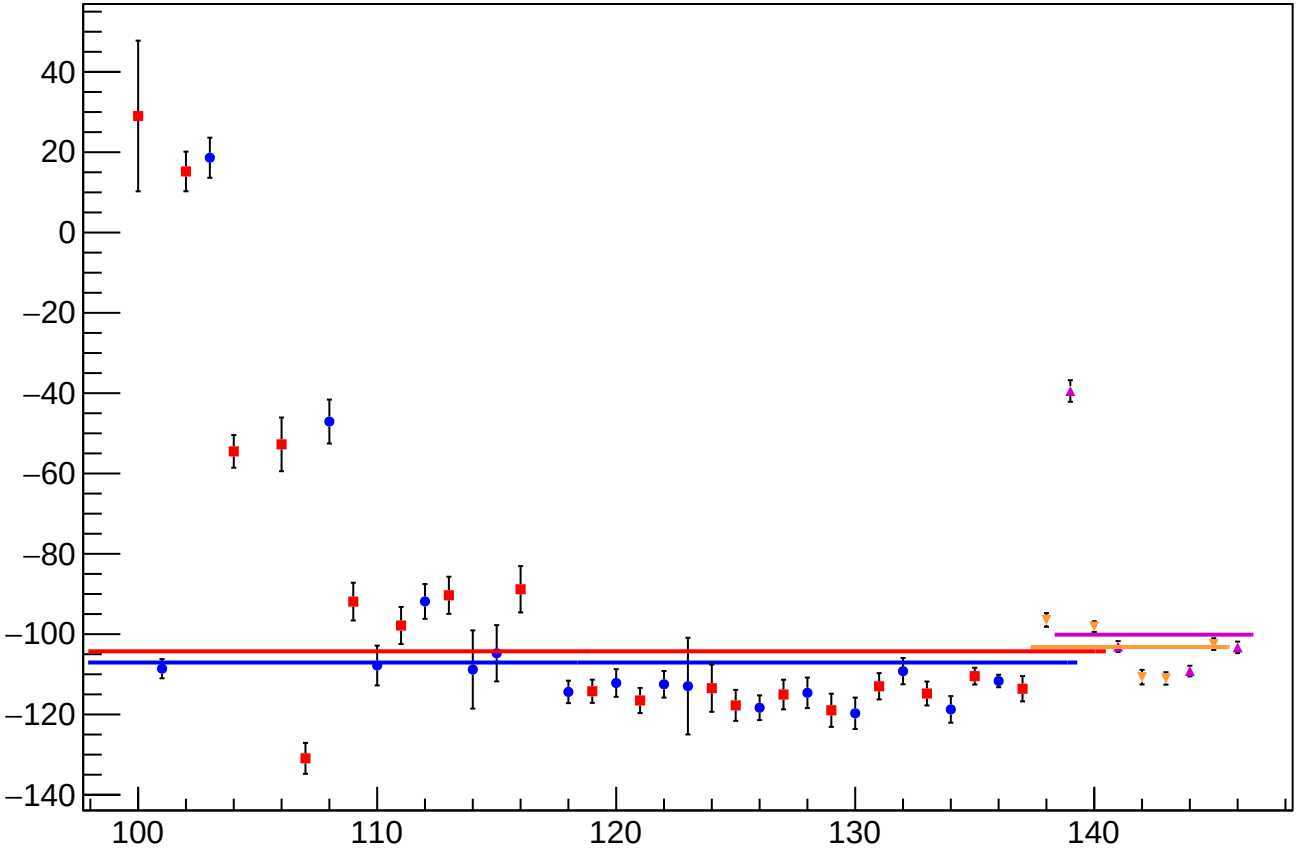
Left In: -97.682+/-0.846 χ^2/NDF:46.1/3

+ sign -84.707+/-0.671 χ^2/NDF: 487.6/21

All: -86.090+/-0.491 χ^2/NDF: 1218.2/44

- sign -87.691+/-0.721 χ^2/NDF: 721.5/22

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -103.194+/-0.689 χ^2/NDF:73.2/4

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

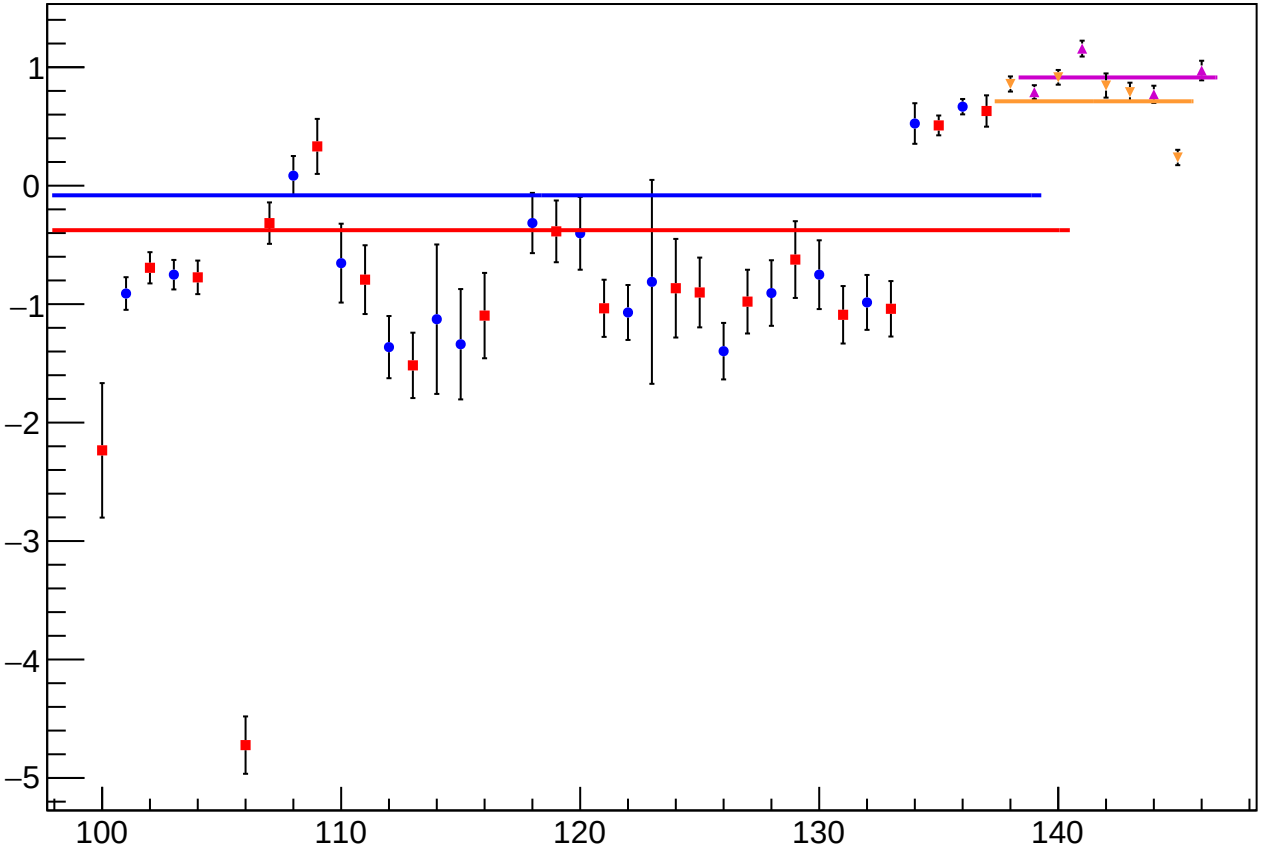
Left In: -100.125+/-0.754 χ^2/NDF:565.9/3

+ sign -104.817+/-0.525 χ^2/NDF: 914.8/21

All: -103.481+/-0.385 χ^2/NDF: 2526.4/44

- sign -101.924+/-0.567 χ^2/NDF: 1597.6/22

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.712+/-0.032 χ^2/NDF:71.9/4

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

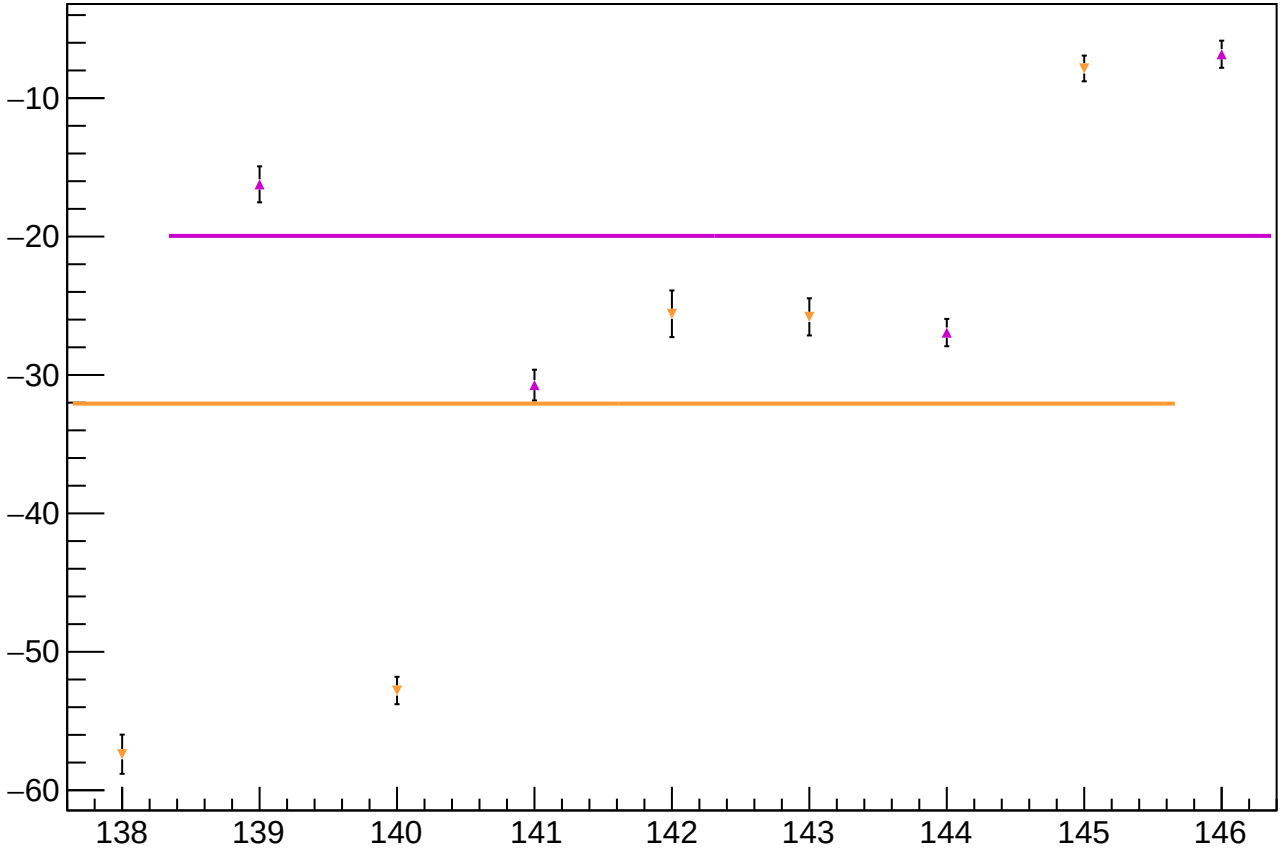
Left In: 0.914+/-0.034 χ^2/NDF:22.0/3

+ sign 0.425+/-0.025 χ^2/NDF: 627.0/21

All: 0.424+/-0.019 χ^2/NDF: 1767.0/44

- sign 0.423+/-0.027 χ^2/NDF: 1140.0/22

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -32.068+/-0.528 χ^2/NDF:1474.2/4

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

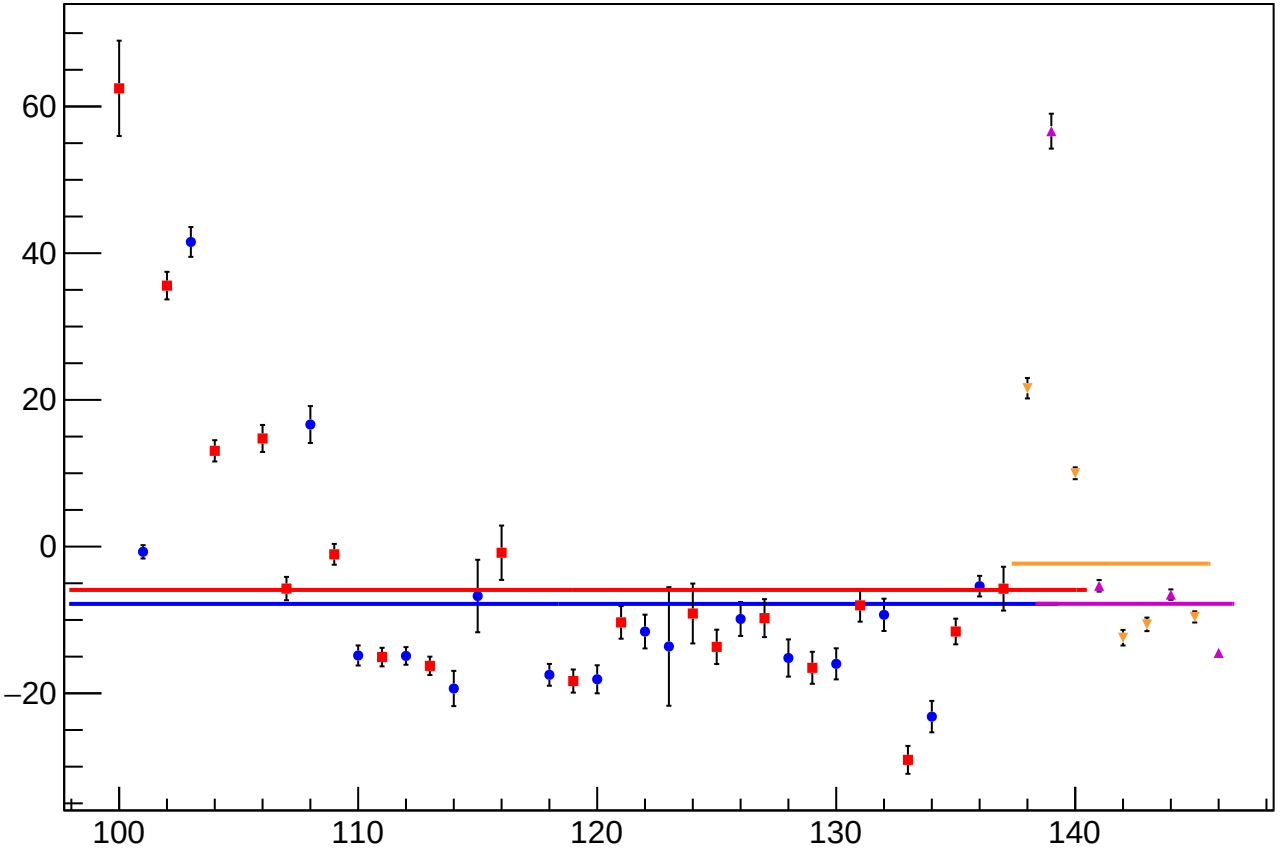
Left In: -19.950+/-0.537 χ^2/NDF:331.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -26.110+/-0.377 χ^2/NDF: 2064.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812+/-0.427 χ^2/NDF: 982.8/16

Left Out: -2.320+/-0.414 χ^2/NDF:788.0/4

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

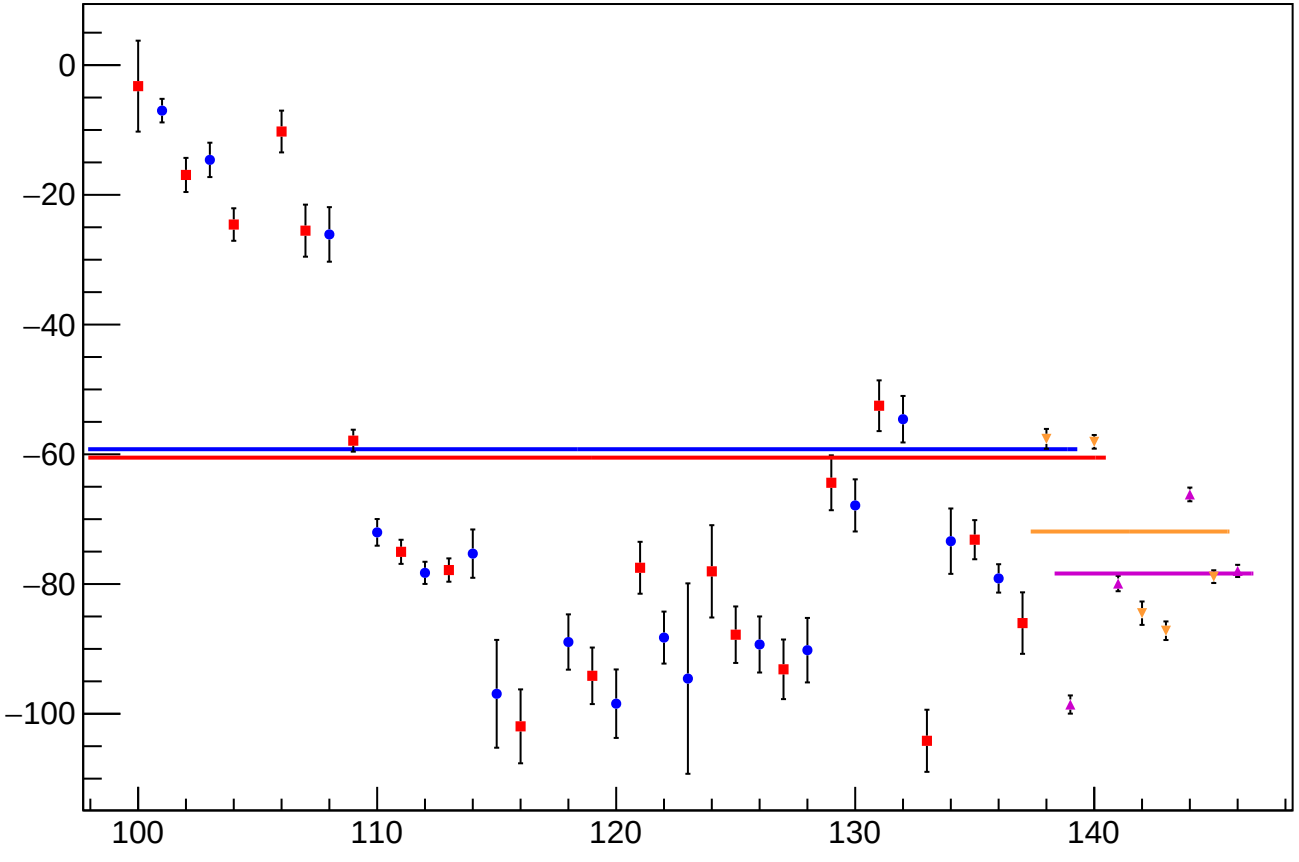
Left In: -7.795+/-0.394 χ^2/NDF:864.4/3

+ sign -4.981+/-0.297 χ^2/NDF: 1855.9/21

All: -5.980+/-0.208 χ^2/NDF: 4045.9/44

- sign -6.932+/-0.290 χ^2/NDF: 2168.0/22

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -71.904+/-0.563 χ^2/NDF:471.3/4

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

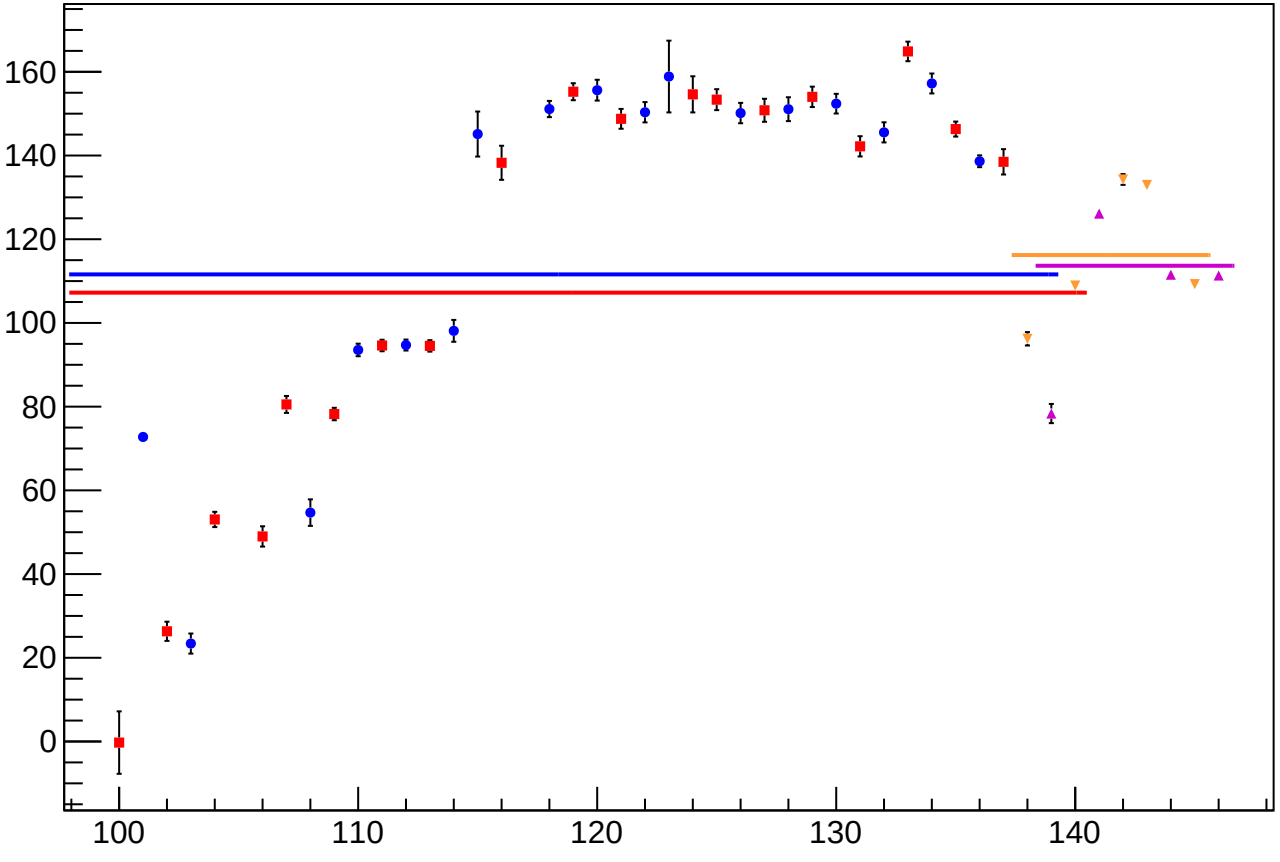
Left In: -78.376+/-0.555 χ^2/NDF:341.6/3

+ sign -67.279+/-0.449 χ^2/NDF: 2376.8/21

All: -69.466+/-0.313 χ^2/NDF: 4545.3/44

- sign -71.529+/-0.436 χ^2/NDF: 2122.4/22

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 116.220+/-0.491 χ^2/NDF:698.5/4

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

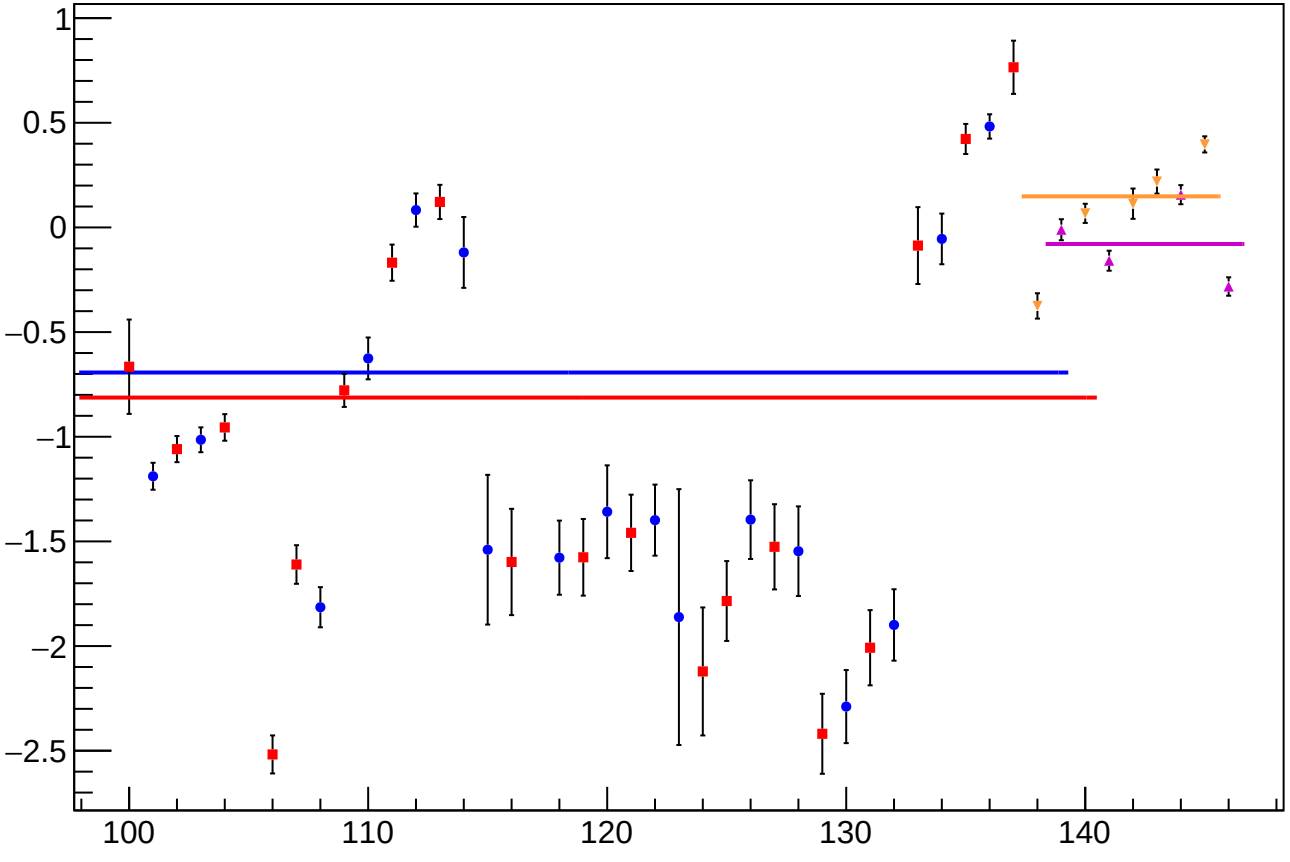
Left In: 113.663+/-0.476 χ^2/NDF:423.5/3

+ sign 113.890+/-0.345 χ^2/NDF: 6702.8/21

All: 112.186+/-0.243 χ^2/NDF: 14300.6/44

- sign 110.531+/-0.341 χ^2/NDF: 7549.8/22

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: 0.148+/-0.023 χ^2/NDF:120.9/4

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

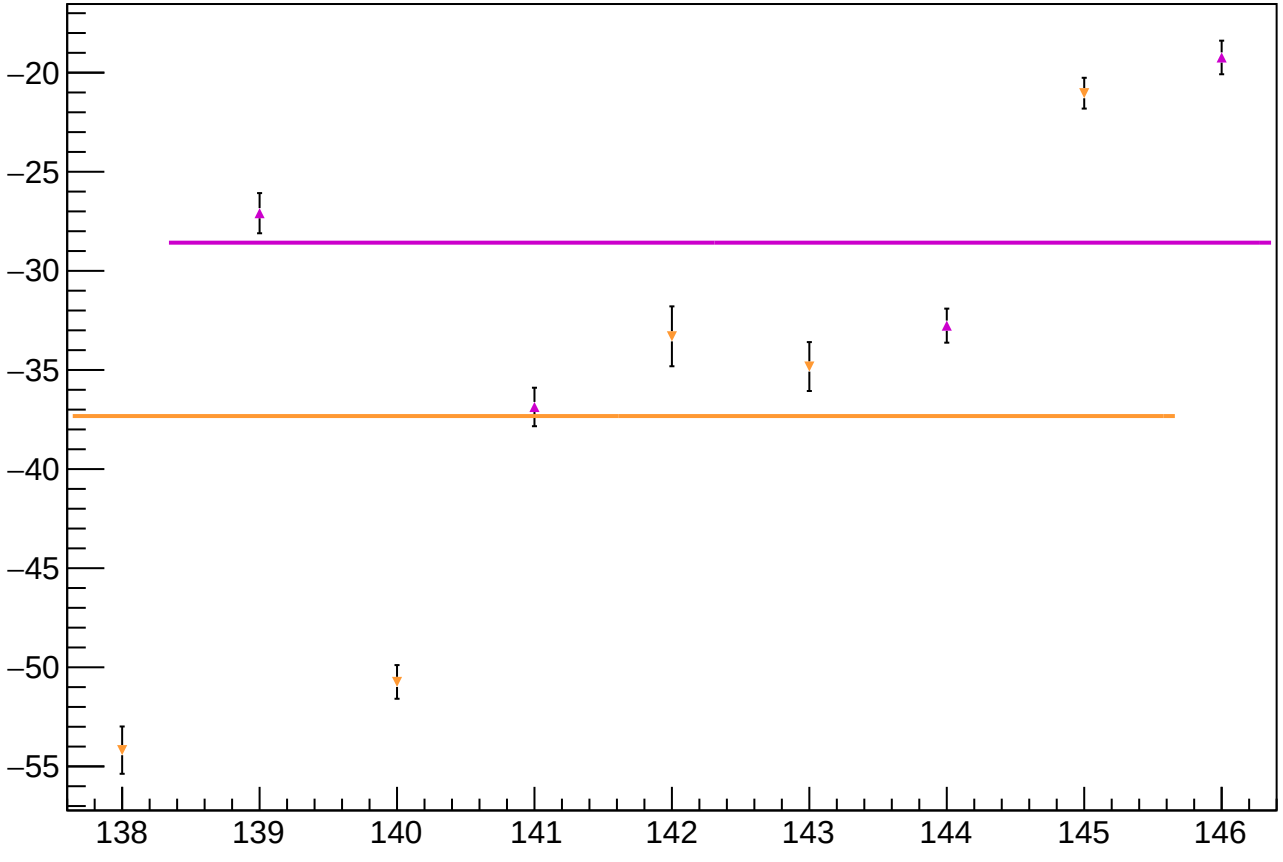
Left In: -0.079+/-0.023 χ^2/NDF:52.6/3

+ sign -0.222+/-0.017 χ^2/NDF: 1710.5/21

All: -0.328+/-0.012 χ^2/NDF: 3622.5/44

- sign -0.431+/-0.017 χ^2/NDF: 1836.3/22

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -37.325+/-0.455 χ^2/NDF:899.4/4

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

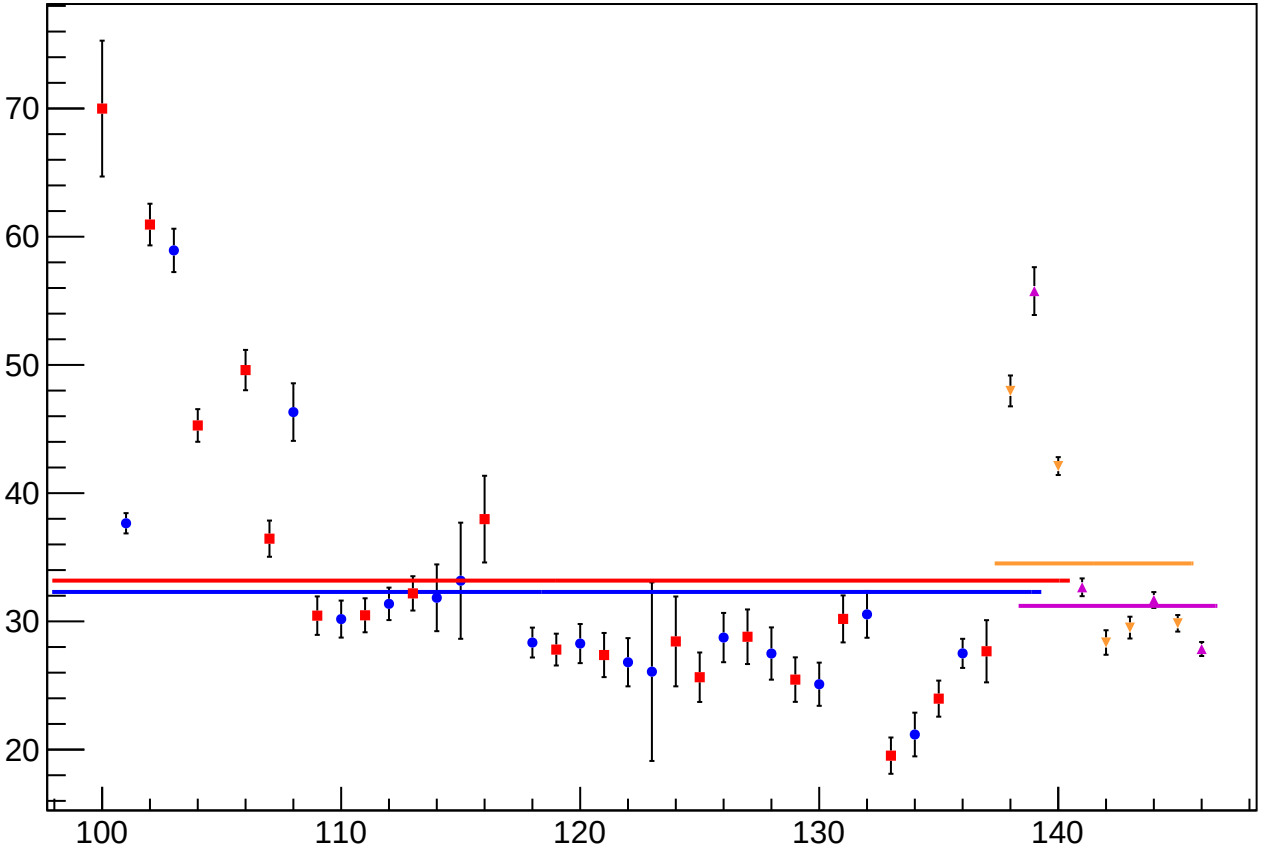
Left In: -28.577+/-0.457 χ^2/NDF:220.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.977+/-0.322 χ^2/NDF: 1303.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295+/-0.373 χ^2/NDF: 452.2/16

Left Out: 34.518+/-0.362 χ^2/NDF:372.0/4

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

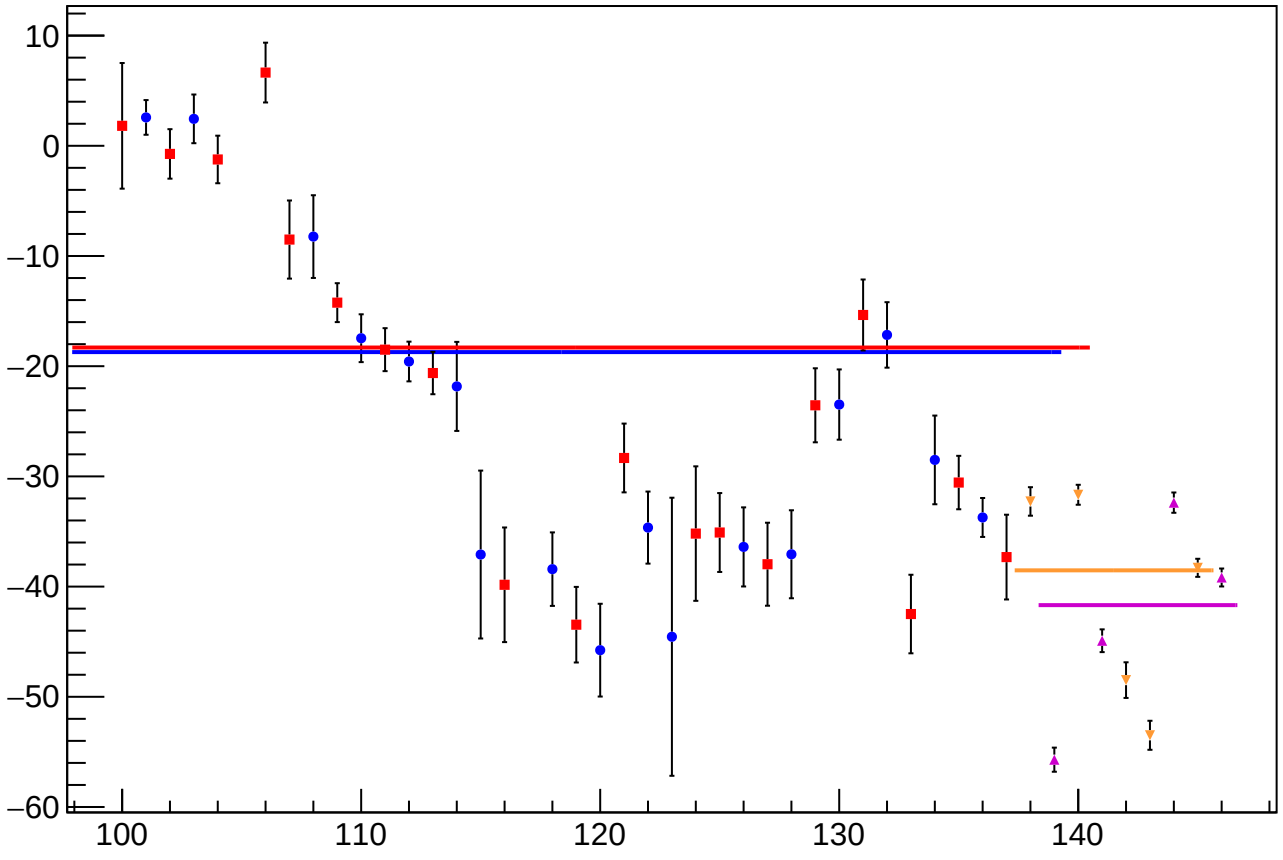
Left In: 31.209+/-0.346 χ^2/NDF:216.2/3

+ sign 33.438+/-0.260 χ^2/NDF: 842.5/21

All: 32.760+/-0.182 χ^2/NDF: 1857.1/44

- sign 32.104+/-0.256 χ^2/NDF: 1001.2/22

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -38.525+/-0.484 χ^2/NDF:247.9/4

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

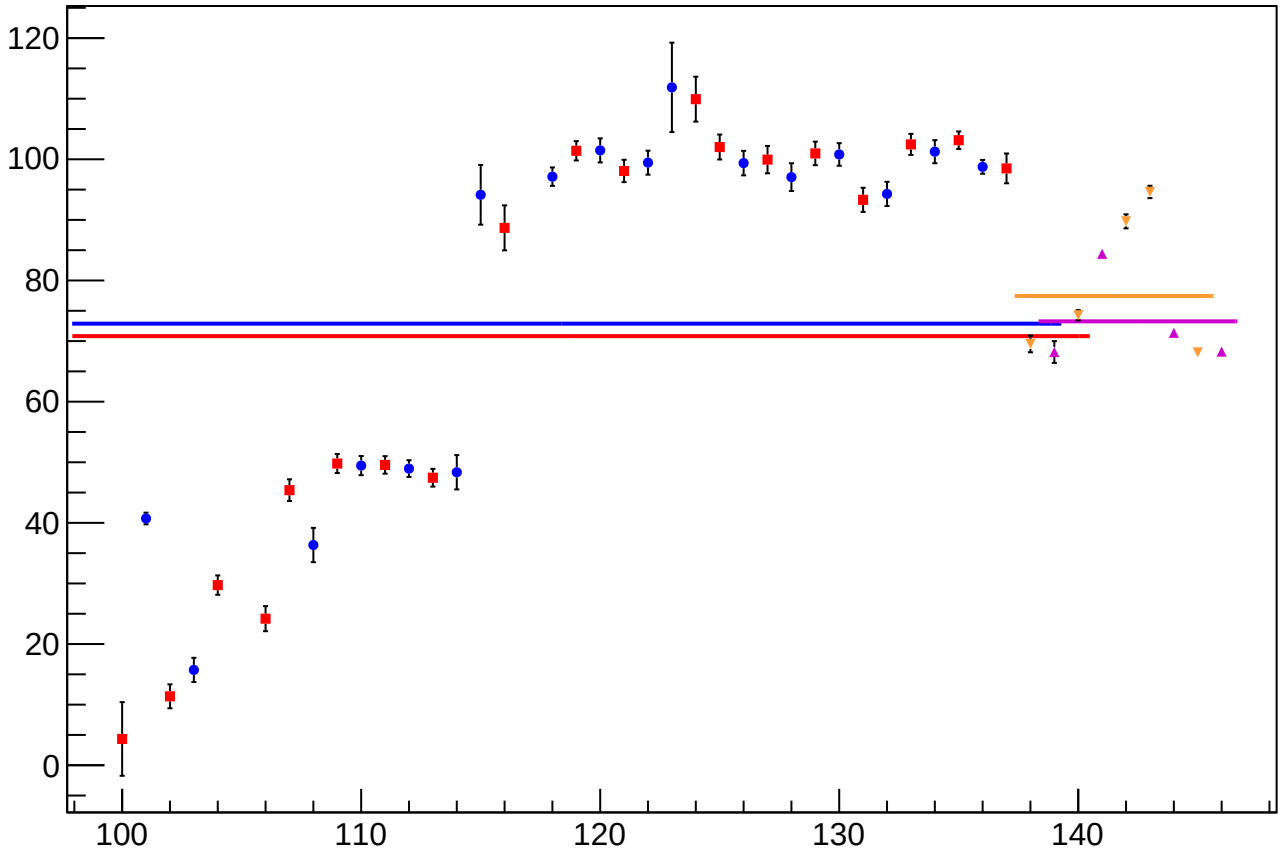
Left In: -41.682+/-0.473 χ^2/NDF:285.6/3

+ sign -31.668+/-0.392 χ^2/NDF: 1346.7/21

All: -32.593+/-0.273 χ^2/NDF: 2971.9/44

- sign -33.472+/-0.381 χ^2/NDF: 1614.3/22

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 77.443+/-0.427 χ^2/NDF:602.1/4

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

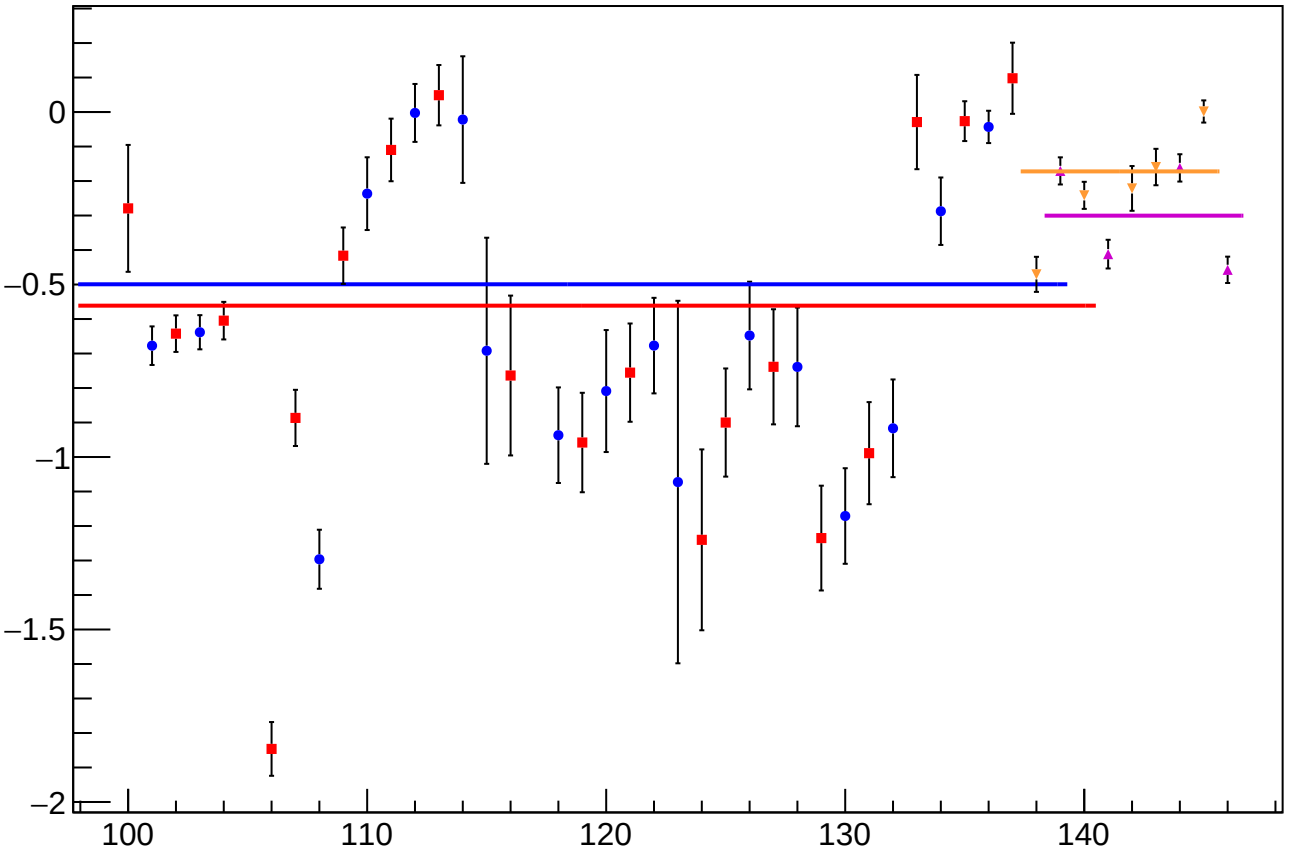
Left In: 73.257+/-0.414 χ^2/NDF:248.3/3

+ sign 75.151+/-0.302 χ^2/NDF: 5397.4/21

All: 73.610+/-0.212 χ^2/NDF: 11203.4/44

- sign 72.091+/-0.299 χ^2/NDF: 5754.1/22

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.172+/-0.020 χ^2/NDF:67.4/4

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

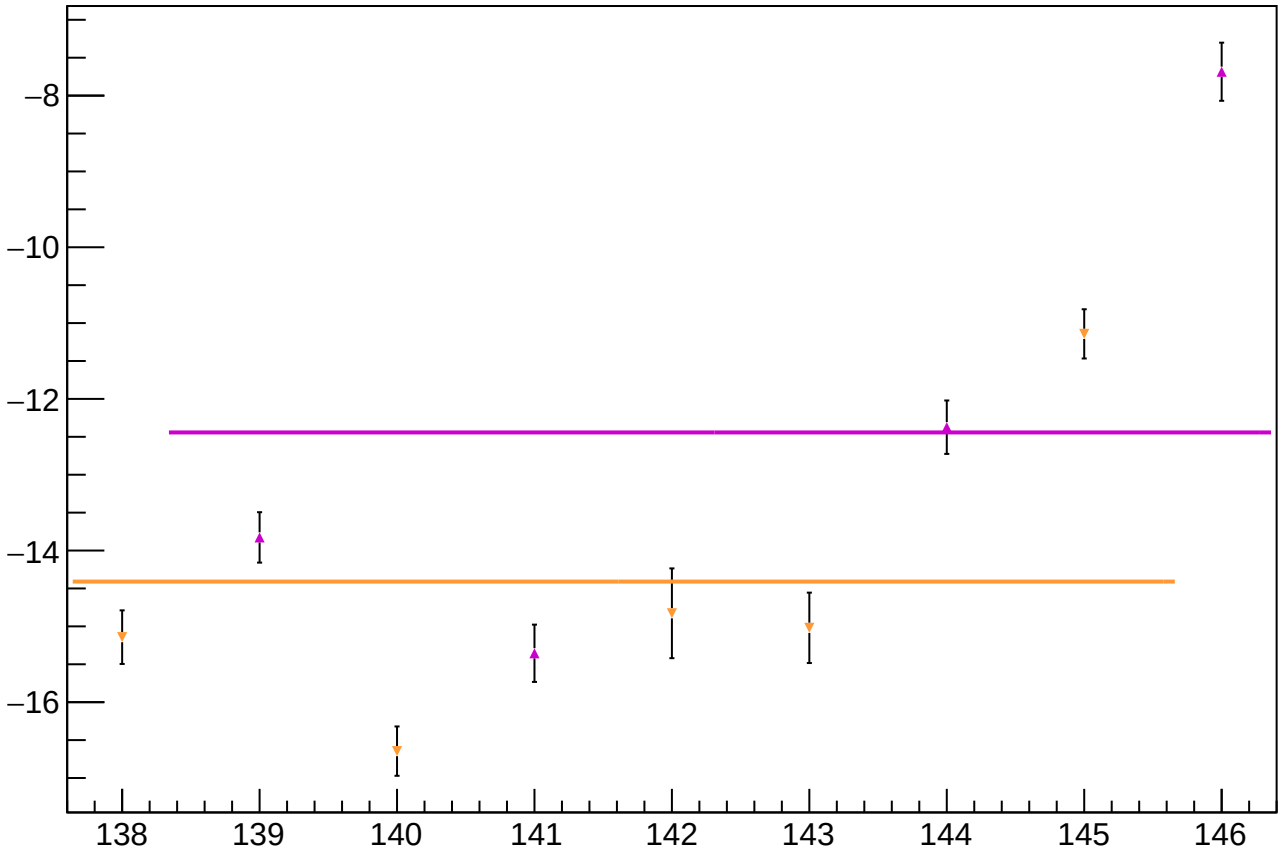
Left In: -0.300+/-0.020 χ^2/NDF:47.2/3

+ sign -0.315+/-0.015 χ^2/NDF: 492.3/21

All: -0.369+/-0.010 χ^2/NDF: 1208.1/44

- sign -0.421+/-0.015 χ^2/NDF: 689.6/22

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -14.409+/-0.170 χ^2/NDF:155.0/4

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

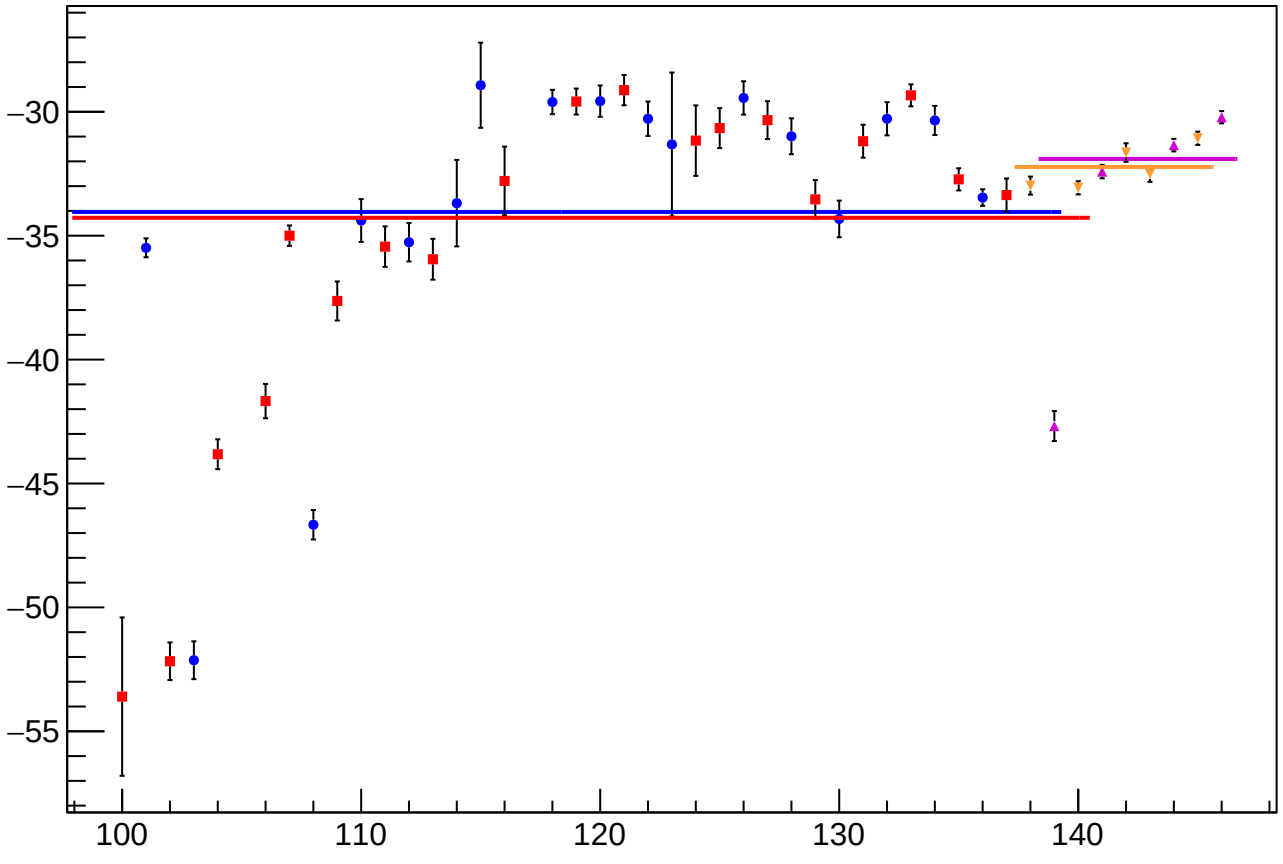
Left In: -12.442+/-0.180 χ^2/NDF:230.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.479+/-0.124 χ^2/NDF: 448.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042+/-0.151 χ^2/NDF: 1340.8/16

Left Out: -32.226+/-0.138 χ^2/NDF:35.8/4

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

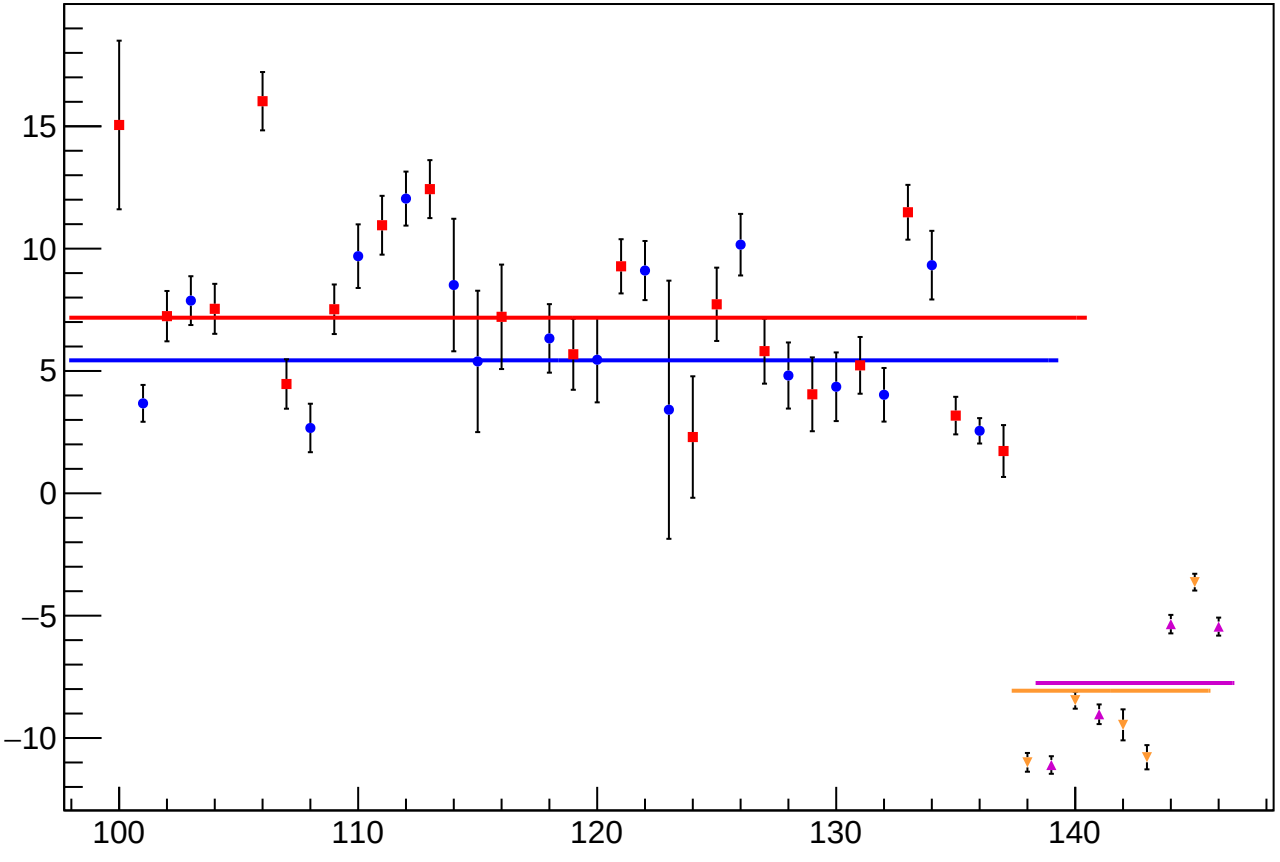
Left In: -31.904+/-0.144 χ^2/NDF:372.0/3

+ sign -33.057+/-0.102 χ^2/NDF: 1455.3/21

All: -33.045+/-0.073 χ^2/NDF: 3306.7/44

- sign -33.032+/-0.104 χ^2/NDF: 1851.3/22

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -8.067+/-0.182 χ^2/NDF:261.8/4

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

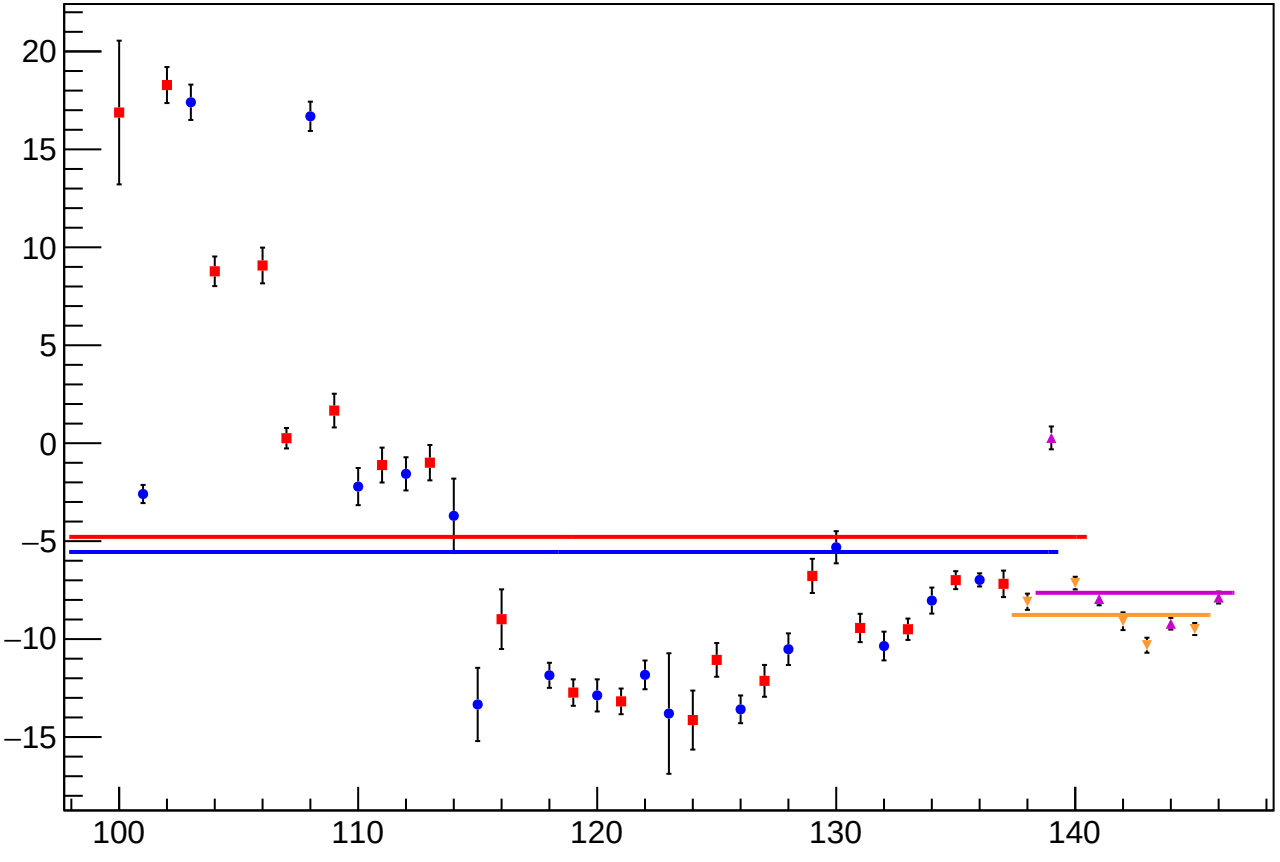
Left In: -7.752+/-0.188 χ^2/NDF:176.9/3

+ sign -3.839+/-0.151 χ^2/NDF: 2117.0/21

All: -3.422+/-0.108 χ^2/NDF: 4509.9/44

- sign -2.982+/-0.155 χ^2/NDF: 2377.2/22

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -8.767+/-0.163 χ^2/NDF:50.2/4

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

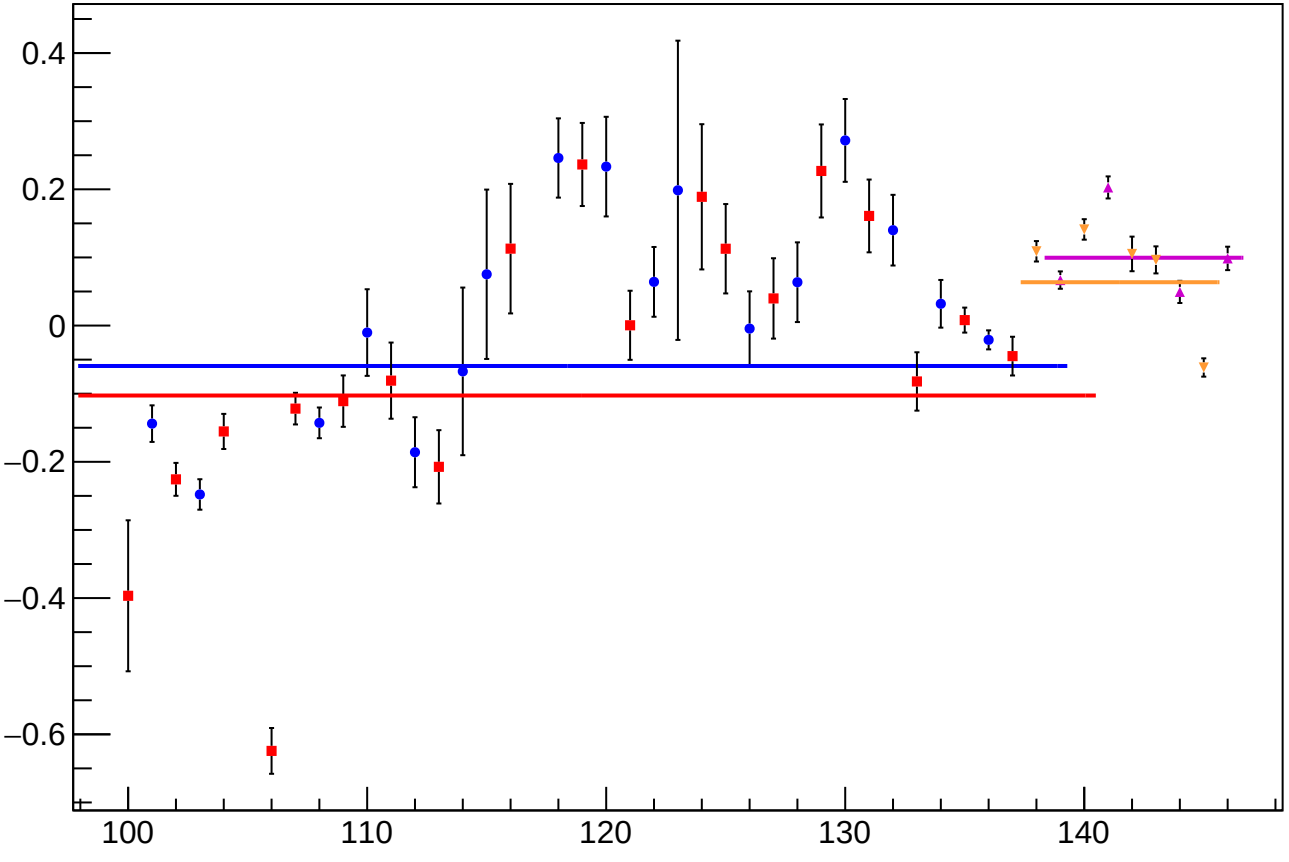
Left In: -7.636+/-0.171 χ^2/NDF:213.1/3

+ sign -7.226+/-0.118 χ^2/NDF: 2361.7/21

All: -6.743+/-0.084 χ^2/NDF: 4788.3/44

- sign -6.228+/-0.121 χ^2/NDF: 2391.8/22

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059+/-0.008 χ^2/NDF: 217.6/16

Left Out: 0.064+/-0.007 χ^2/NDF:127.8/4

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

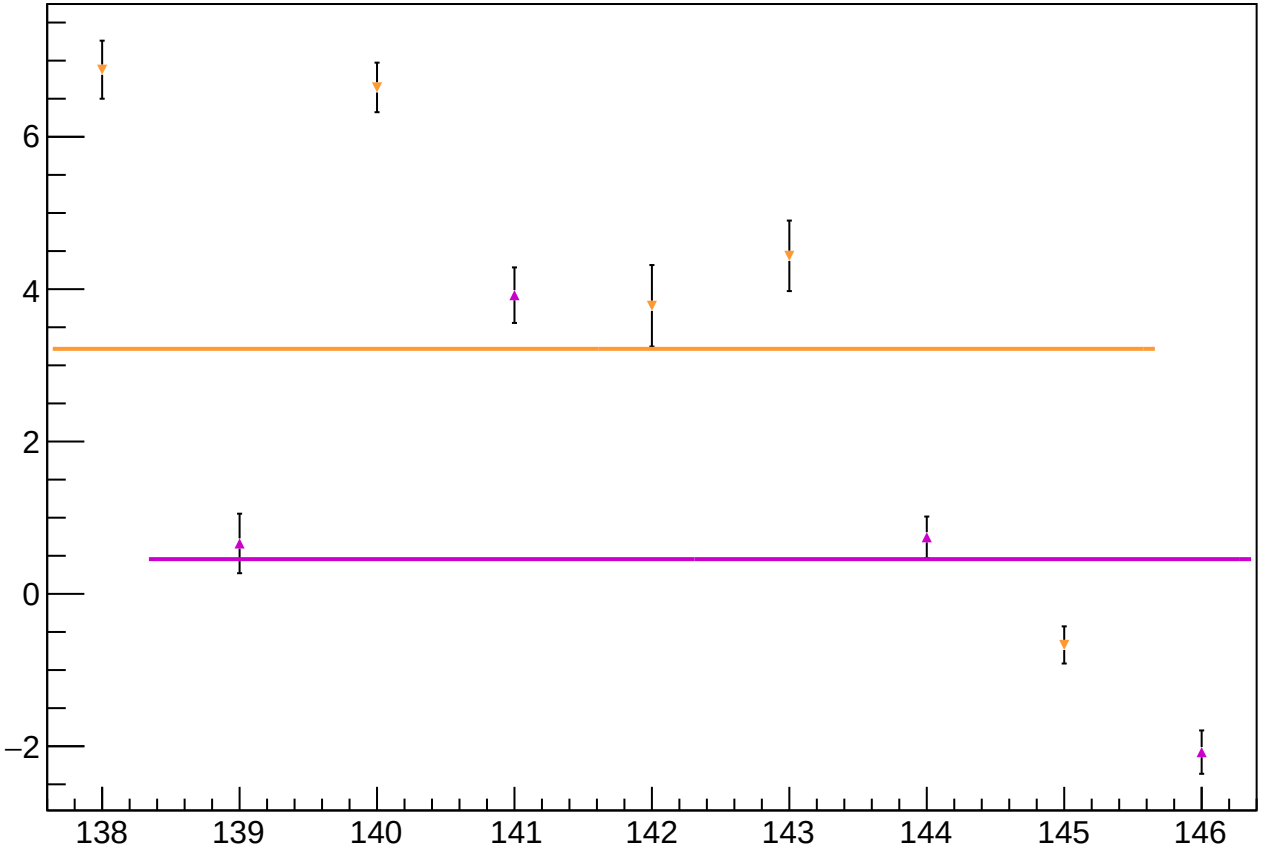
Left In: 0.100+/-0.008 χ^2/NDF:56.7/3

+ sign 0.010+/-0.006 χ^2/NDF: 466.8/21

All: 0.009+/-0.004 χ^2/NDF: 1275.3/44

- sign 0.008+/-0.006 χ^2/NDF: 808.4/22

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: 3.217+/-0.156 χ^2/NDF:465.9/4

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

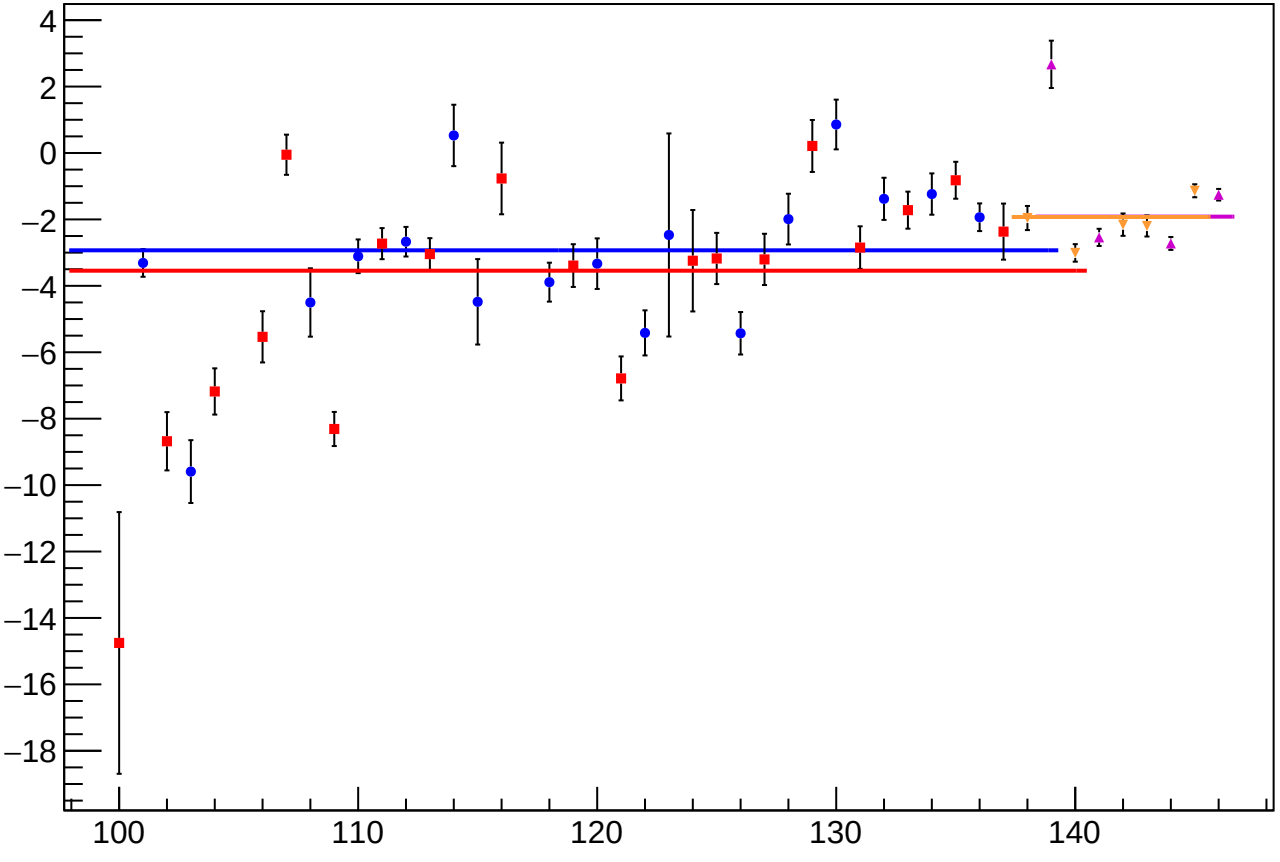
Left In: 0.456+/-0.158 χ^2/NDF:171.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.860+/-0.111 χ^2/NDF: 791.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930+/-0.154 χ^2/NDF: 146.5/16

Left Out: -1.927+/-0.123 χ^2/NDF:34.2/4

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

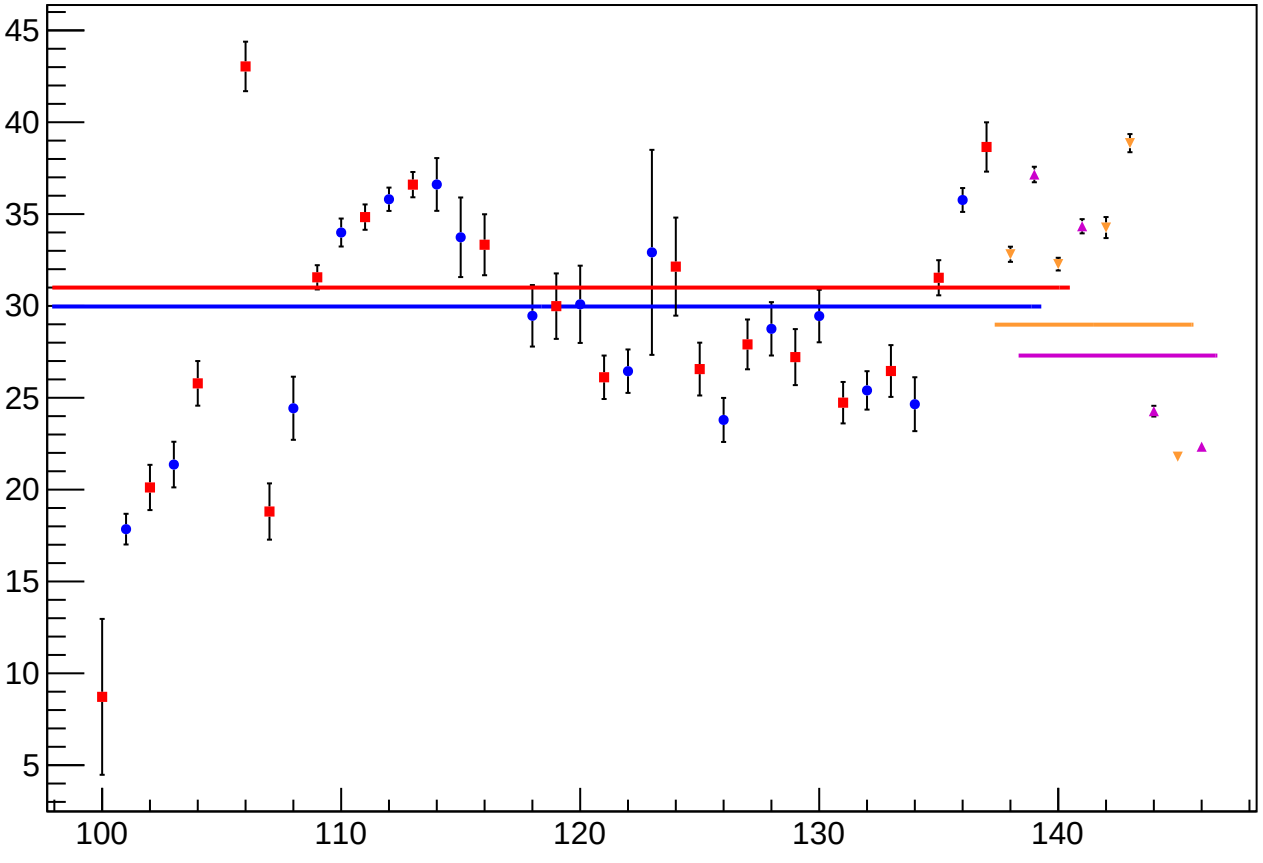
Left In: -1.916+/-0.115 χ^2/NDF:78.7/3

+ sign -2.316+/-0.096 χ^2/NDF: 206.7/21

All: -2.408+/-0.066 χ^2/NDF: 650.4/44

- sign -2.493+/-0.092 χ^2/NDF: 441.9/22

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 28.981+/-0.166 χ^2/NDF:1427.9/4

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

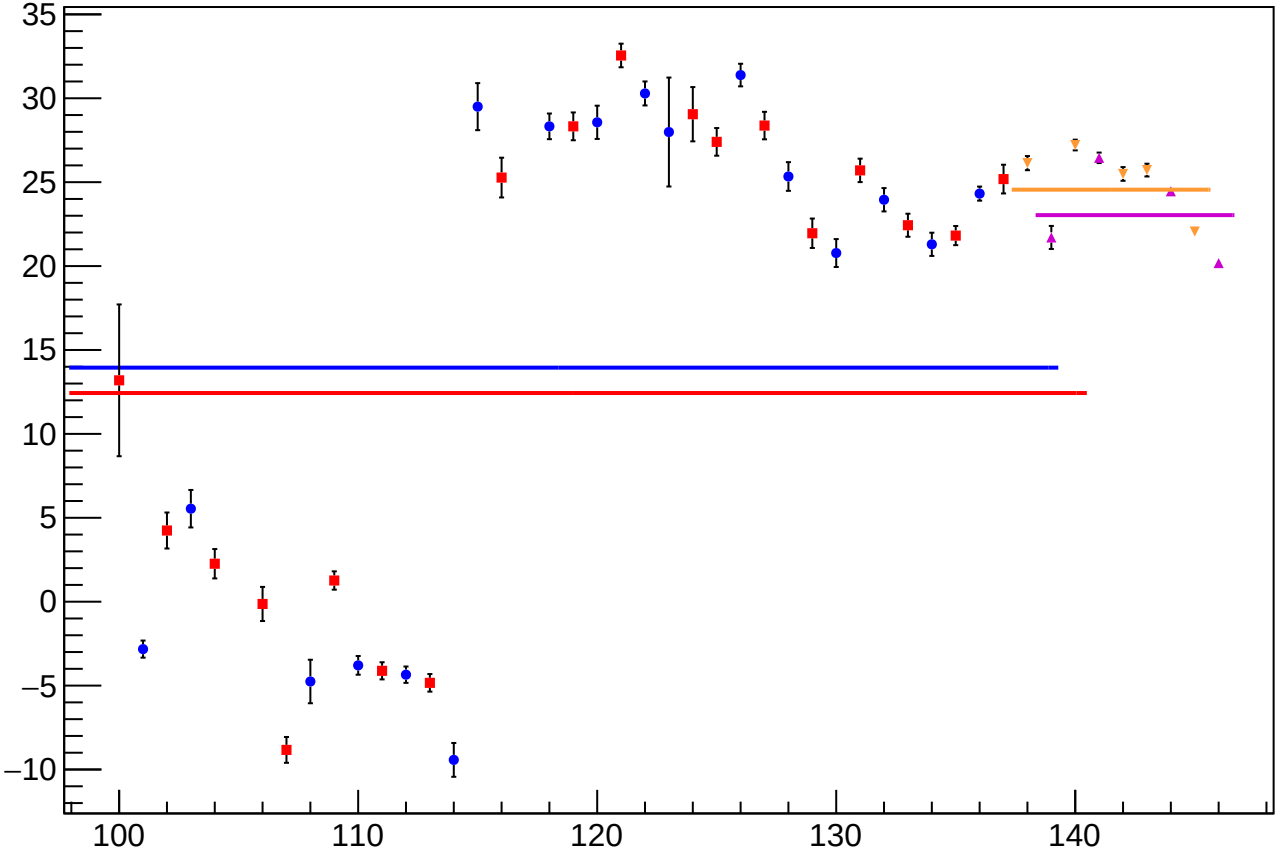
Left In: 27.298+/-0.163 χ^2/NDF:1312.7/3

+ sign 29.257+/-0.141 χ^2/NDF: 1992.1/21

All: 28.793+/-0.099 χ^2/NDF: 3950.7/44

- sign 28.347+/-0.138 χ^2/NDF: 1937.5/22

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.948+/-0.172 χ^2/NDF: 7391.9/16

Left Out: 24.553+/-0.145 χ^2/NDF:219.3/4

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

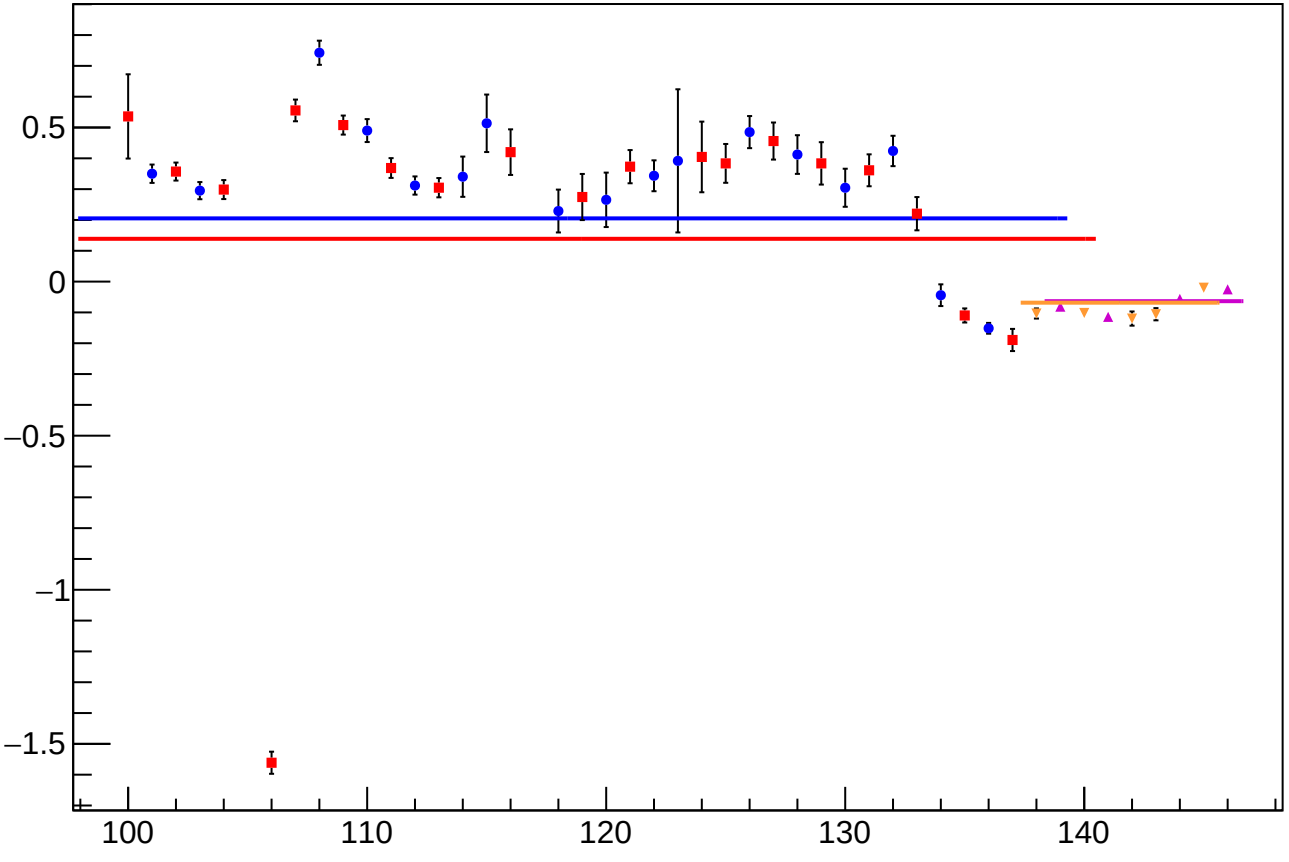
Left In: 23.036+/-0.139 χ^2/NDF:330.4/3

+ sign 20.156+/-0.111 χ^2/NDF: 9837.5/21

All: 19.516+/-0.077 χ^2/NDF: 19469.5/44

- sign 18.903+/-0.108 χ^2/NDF: 9566.7/22

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205+/-0.009 χ^2/NDF: 846.2/16

Left Out: -0.068+/-0.007 χ^2/NDF:40.8/4

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

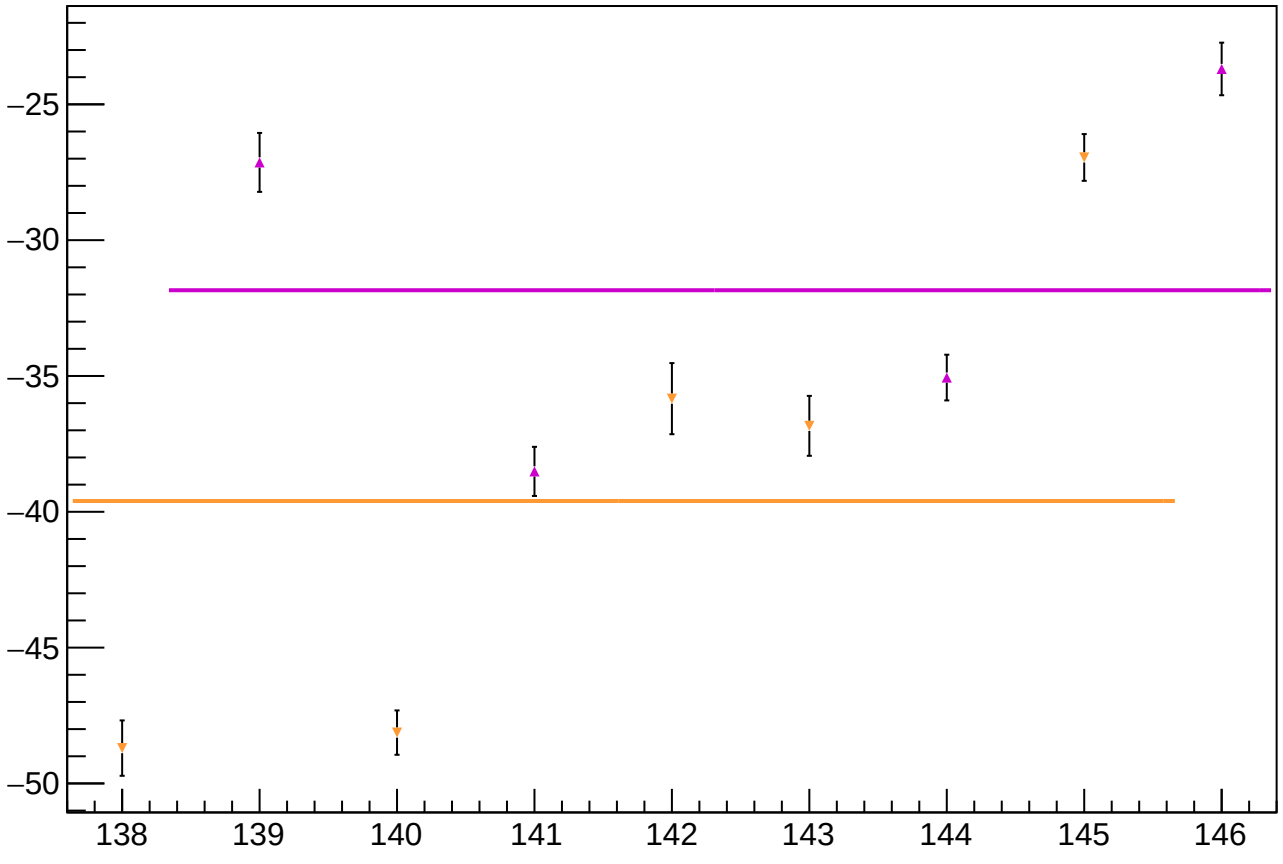
Left In: -0.064+/-0.007 χ^2/NDF:21.5/3

+ sign 0.025+/-0.005 χ^2/NDF: 1450.8/21

All: 0.017+/-0.004 χ^2/NDF: 4803.3/44

- sign 0.009+/-0.006 χ^2/NDF: 3348.5/22

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -39.602+/-0.438 χ^2/NDF:419.2/4

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

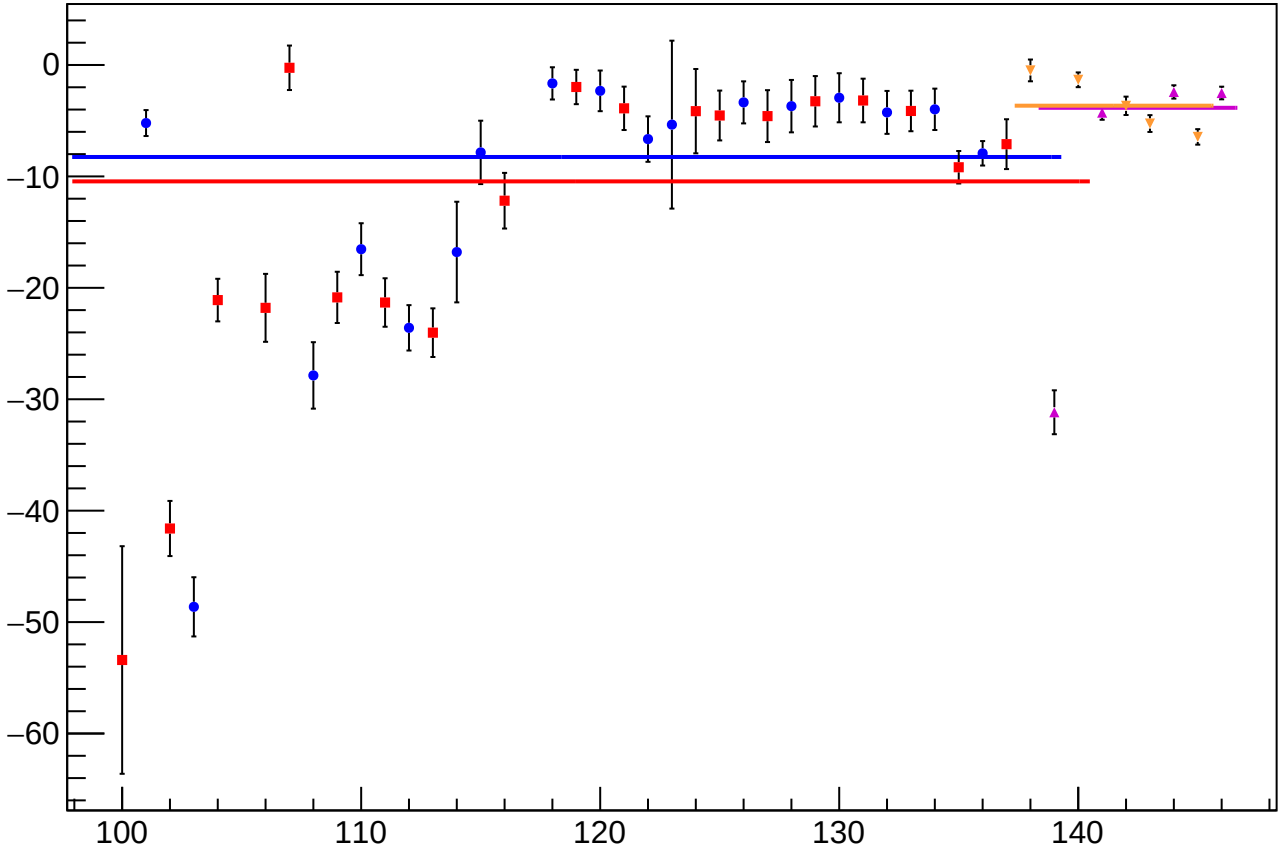
Left In: -31.843+/-0.469 χ^2/NDF:158.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.986+/-0.320 χ^2/NDF: 724.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: -3.653+/-0.340 χ^2/NDF:43.6/4

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

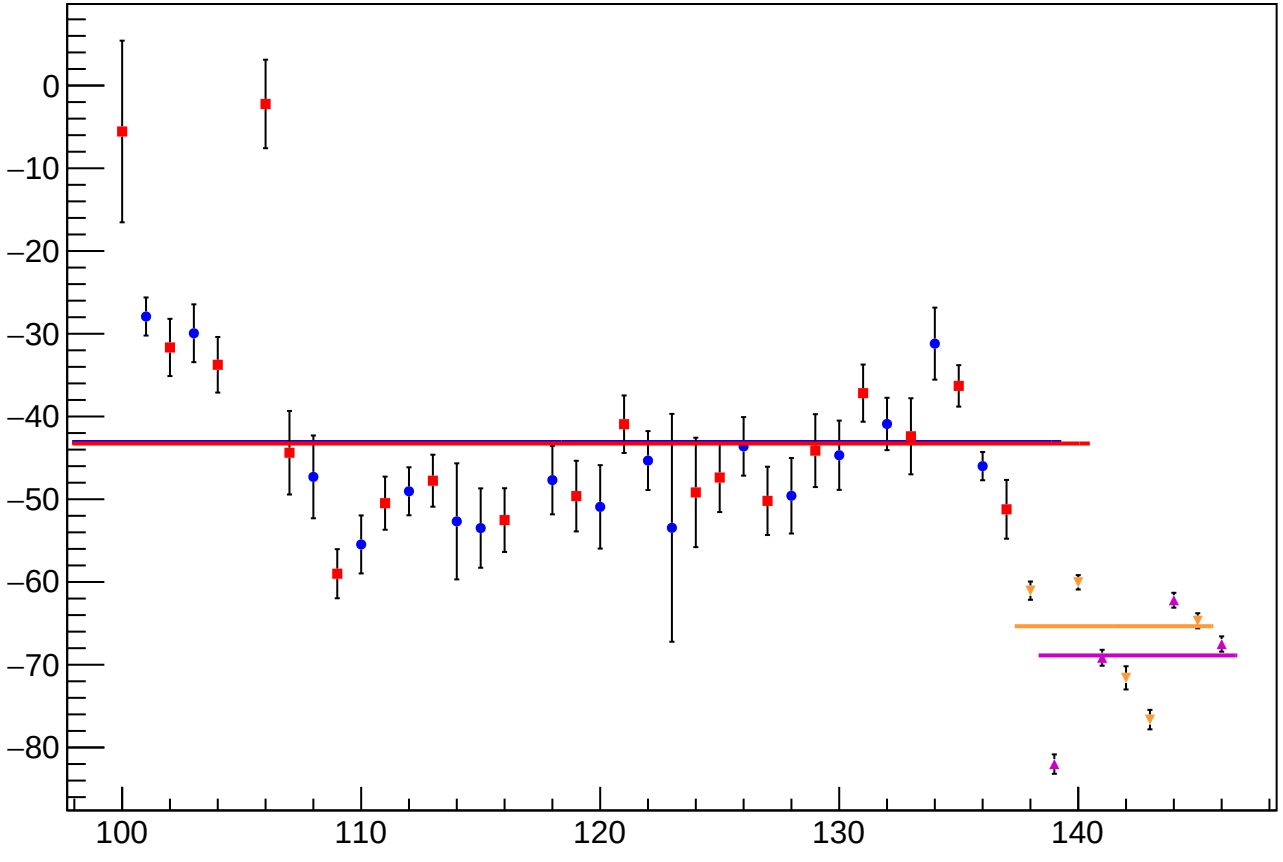
Left In: -3.843+/-0.341 χ^2/NDF:203.9/3

+ sign -5.273+/-0.274 χ^2/NDF: 520.0/21

All: -5.625+/-0.196 χ^2/NDF: 1277.6/44

- sign -5.992+/-0.280 χ^2/NDF: 754.2/22

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082+/-0.834 χ^2/NDF: 99.2/16

Left Out: -65.344+/-0.468 χ^2/NDF:164.7/4

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

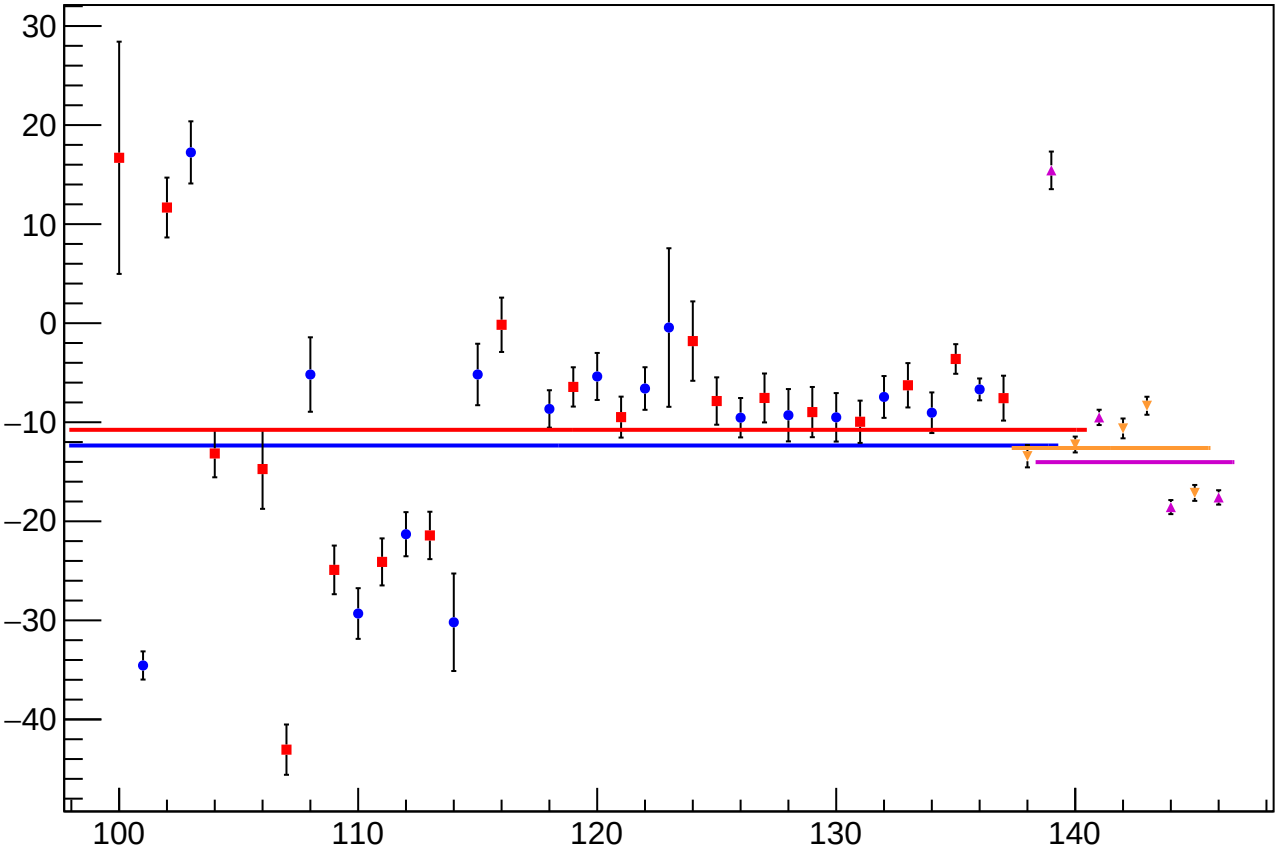
Left In: -68.877+/-0.488 χ^2/NDF:182.4/3

+ sign -60.019+/-0.408 χ^2/NDF: 805.6/21

All: -61.313+/-0.294 χ^2/NDF: 1827.0/44

- sign -62.717+/-0.425 χ^2/NDF: 1000.4/22

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348+/-0.520 χ^2/NDF: 475.9/16

Left Out: -12.599+/-0.405 χ^2/NDF:58.5/4

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

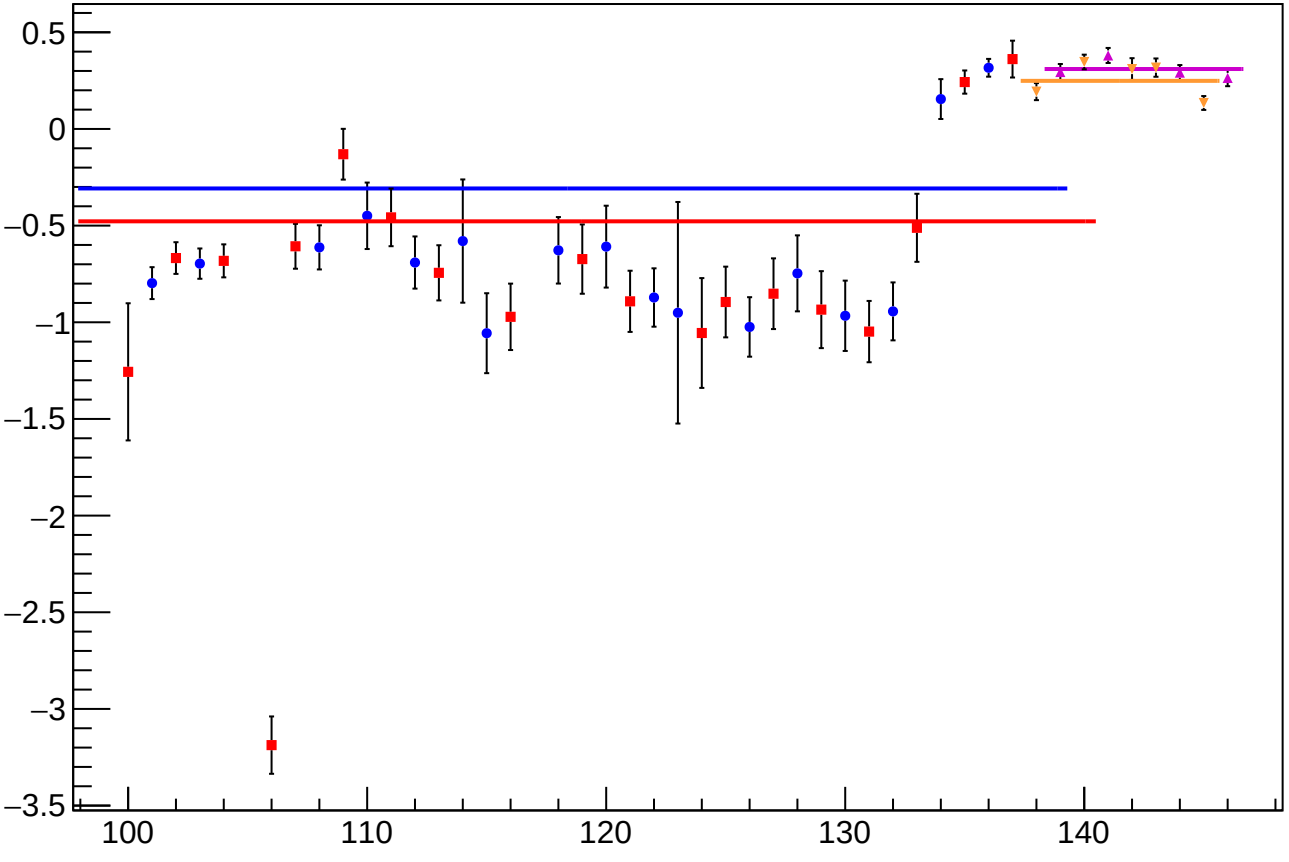
Left In: -14.026+/-0.414 χ^2/NDF:339.7/3

+ sign -12.504+/-0.319 χ^2/NDF: 534.6/21

All: -12.673+/-0.230 χ^2/NDF: 1263.8/44

- sign -12.855+/-0.332 χ^2/NDF: 728.6/22

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308+/-0.028 χ^2/NDF: 372.4/16

Left Out: 0.249+/-0.019 χ^2/NDF:21.7/4

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

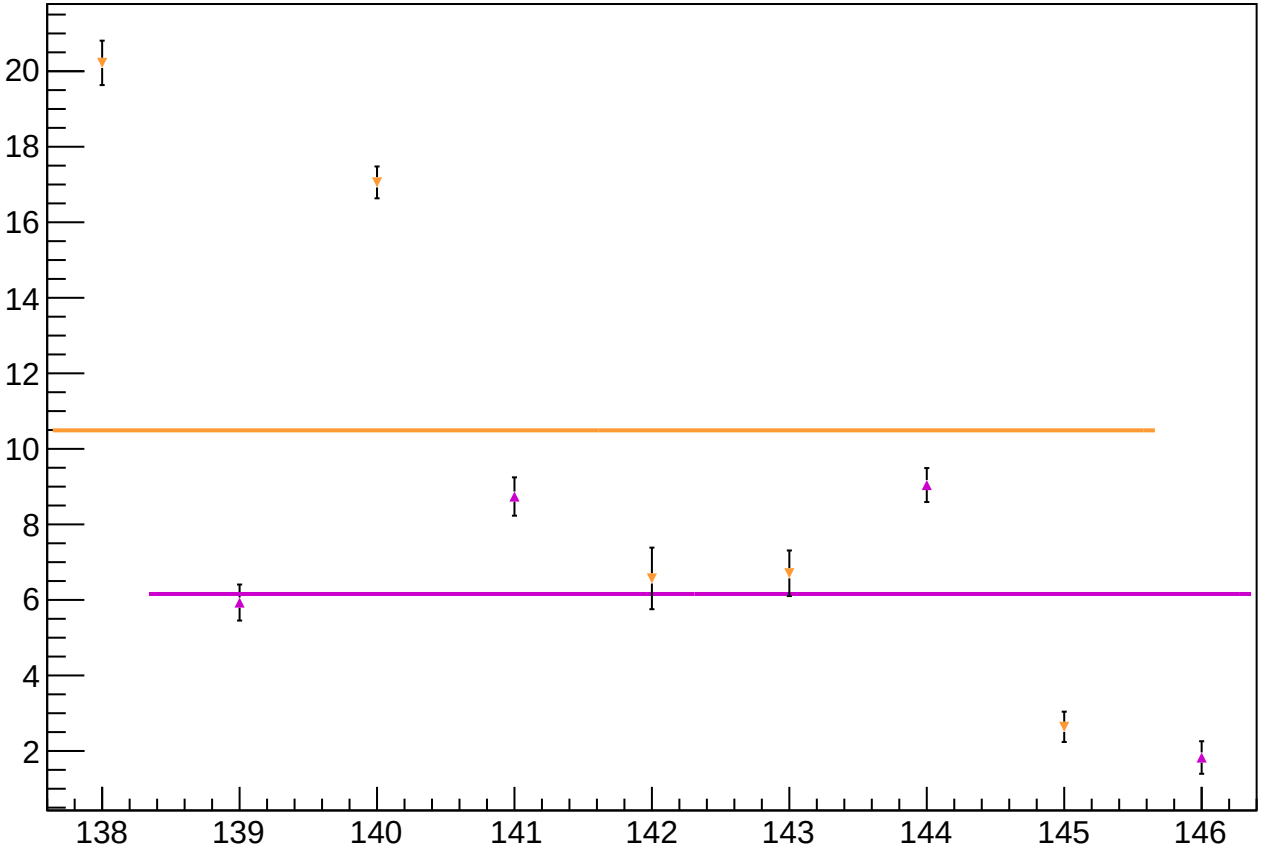
Left In: 0.310+/-0.020 χ^2/NDF:4.8/3

+ sign 0.068+/-0.016 χ^2/NDF: 670.6/21

All: 0.058+/-0.011 χ^2/NDF: 1814.4/44

- sign 0.046+/-0.017 χ^2/NDF: 1142.9/22

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 10.490+/-0.230 χ^2/NDF:961.2/4

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

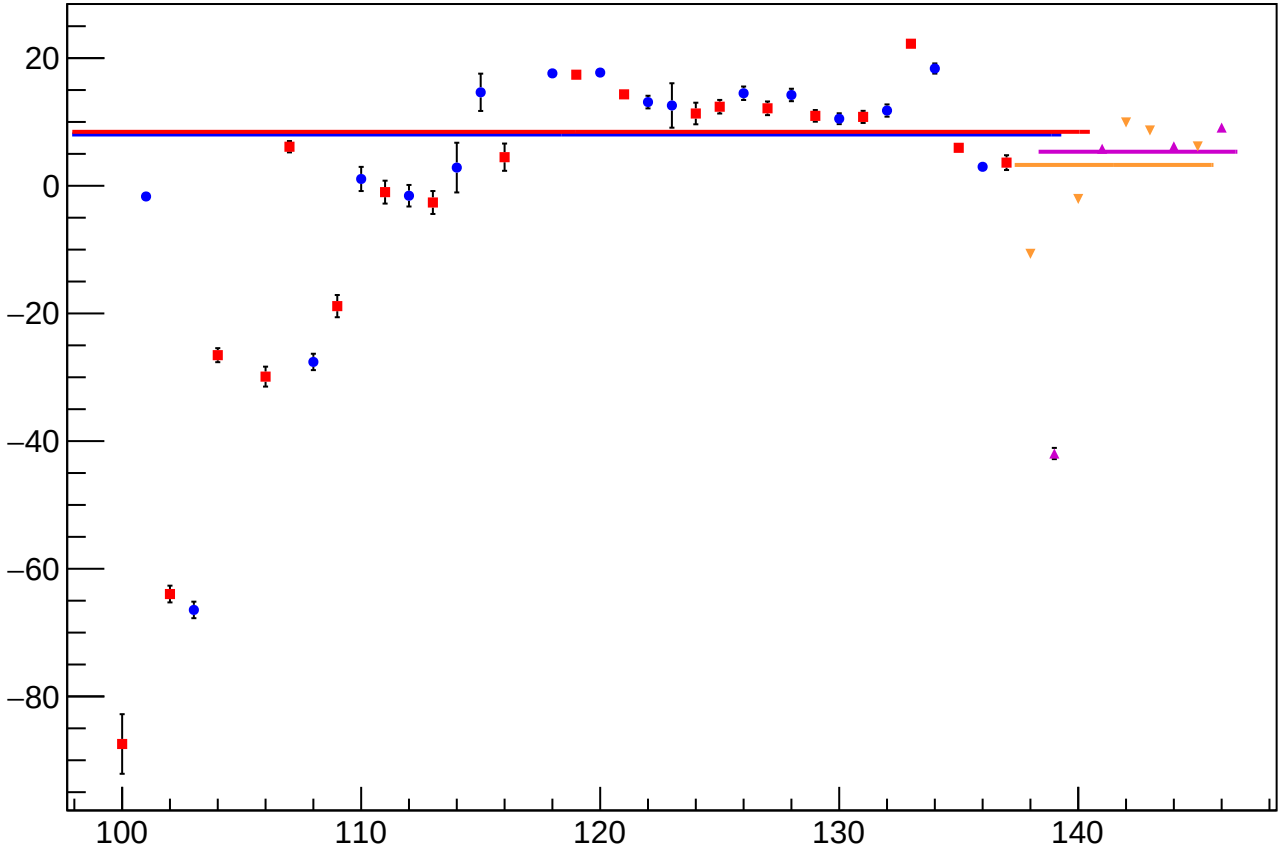
Left In: 6.157+/-0.232 χ^2/NDF:168.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.345+/-0.163 χ^2/NDF: 1305.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036+/-0.215 χ^2/NDF: 5369.4/16

Left Out: 3.267+/-0.183 χ^2/NDF:1188.9/4

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

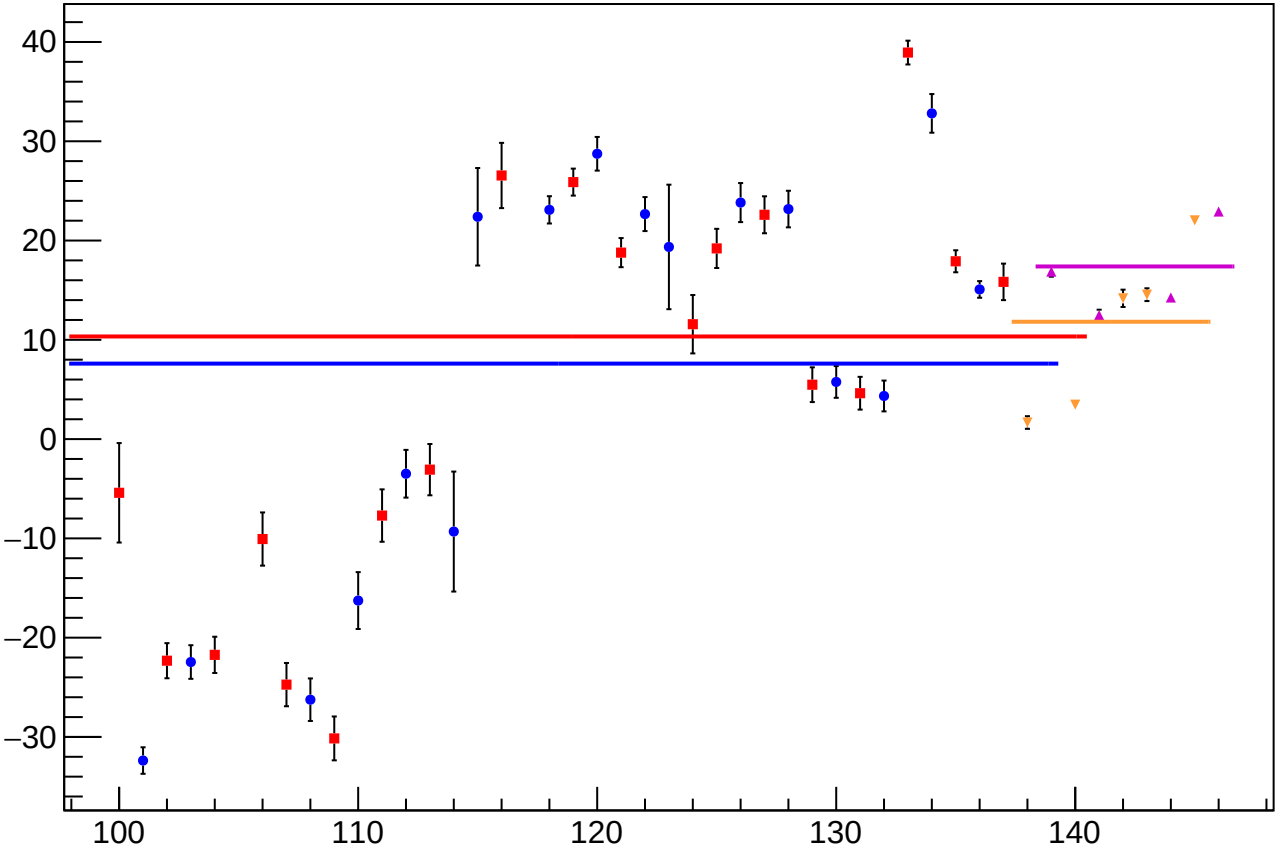
Left In: 5.335+/-0.178 χ^2/NDF:3085.0/3

+ sign 5.275+/-0.140 χ^2/NDF: 6842.8/21

All: 5.959+/-0.098 χ^2/NDF: 16805.2/44

- sign 6.615+/-0.137 χ^2/NDF: 9915.4/22

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604+/-0.416 χ^2/NDF: 2325.0/16

Left Out: 11.821+/-0.245 χ^2/NDF:1202.1/4

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

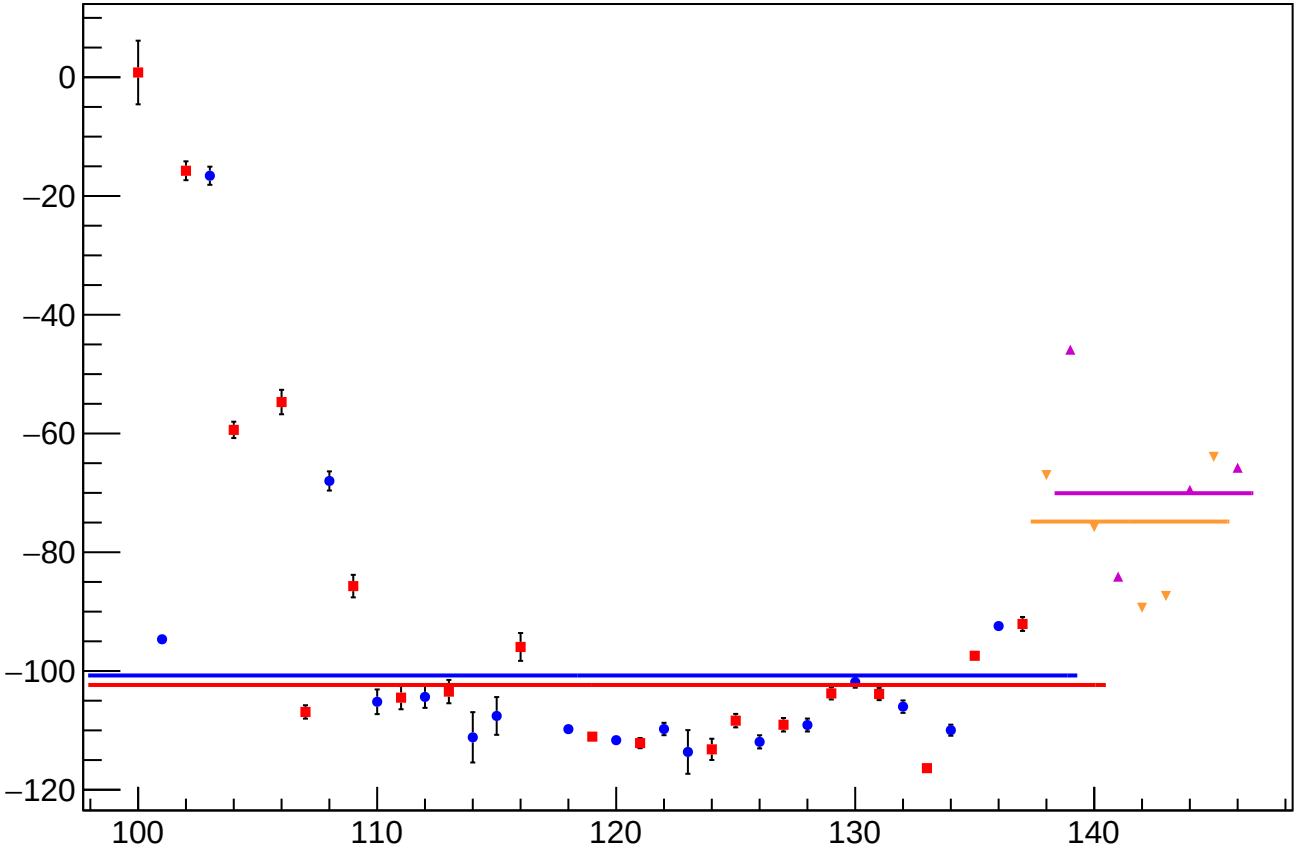
Left In: 17.390+/-0.240 χ^2/NDF:303.6/3

+ sign 10.735+/-0.211 χ^2/NDF: 3603.5/21

All: 13.217+/-0.148 χ^2/NDF: 6676.9/44

- sign 15.630+/-0.208 χ^2/NDF: 2800.6/22

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753+/-0.248 χ^2/NDF: 4522.6/16

Left Out: -74.833+/-0.217 χ^2/NDF:2131.8/4

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

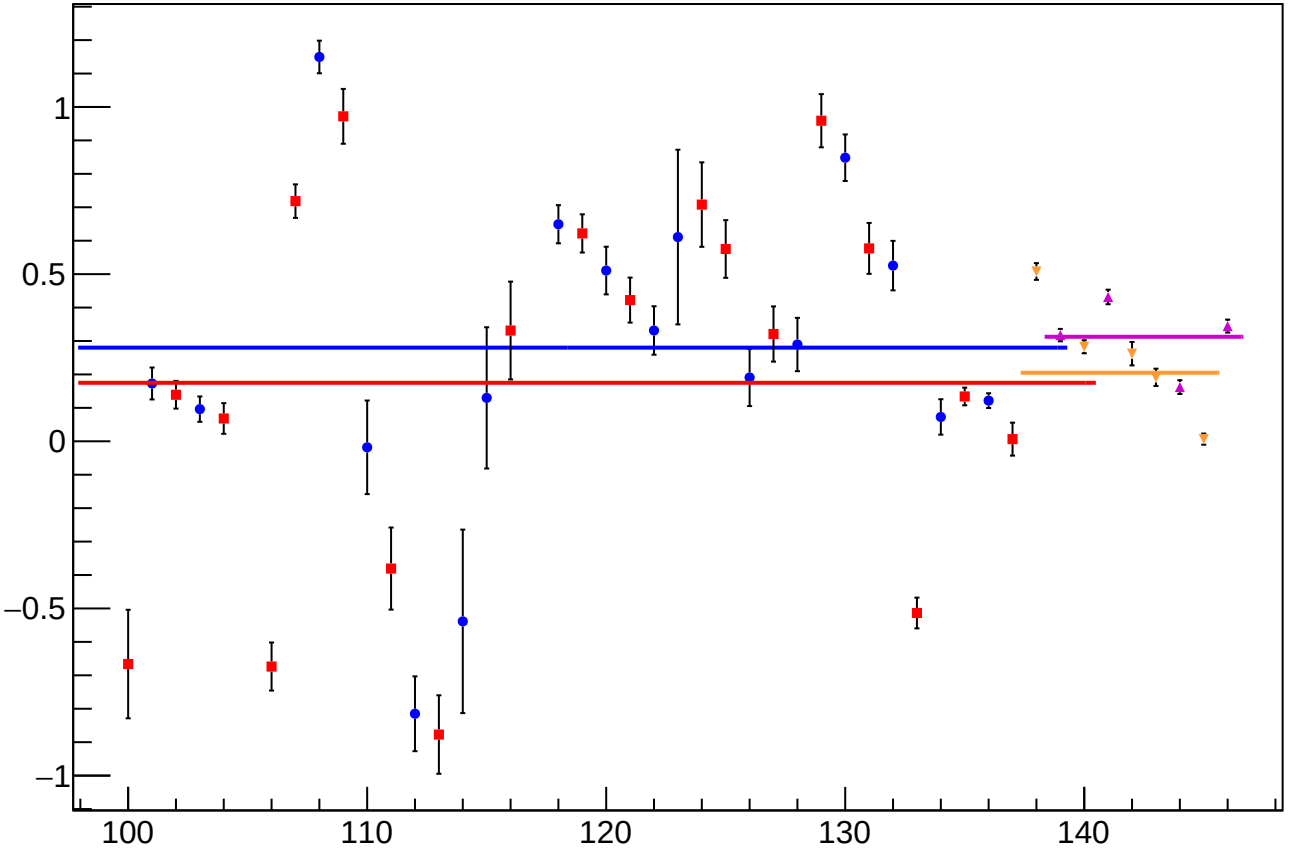
Left In: -70.055+/-0.213 χ^2/NDF:2009.0/3

+ sign -86.049+/-0.163 χ^2/NDF: 12850.8/21

All: -84.955+/-0.115 χ^2/NDF: 30865.4/44

- sign -83.888+/-0.161 χ^2/NDF: 17925.8/22

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280+/-0.013 χ^2/NDF: 656.0/16

Left Out: 0.205+/-0.010 χ^2/NDF:307.4/4

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

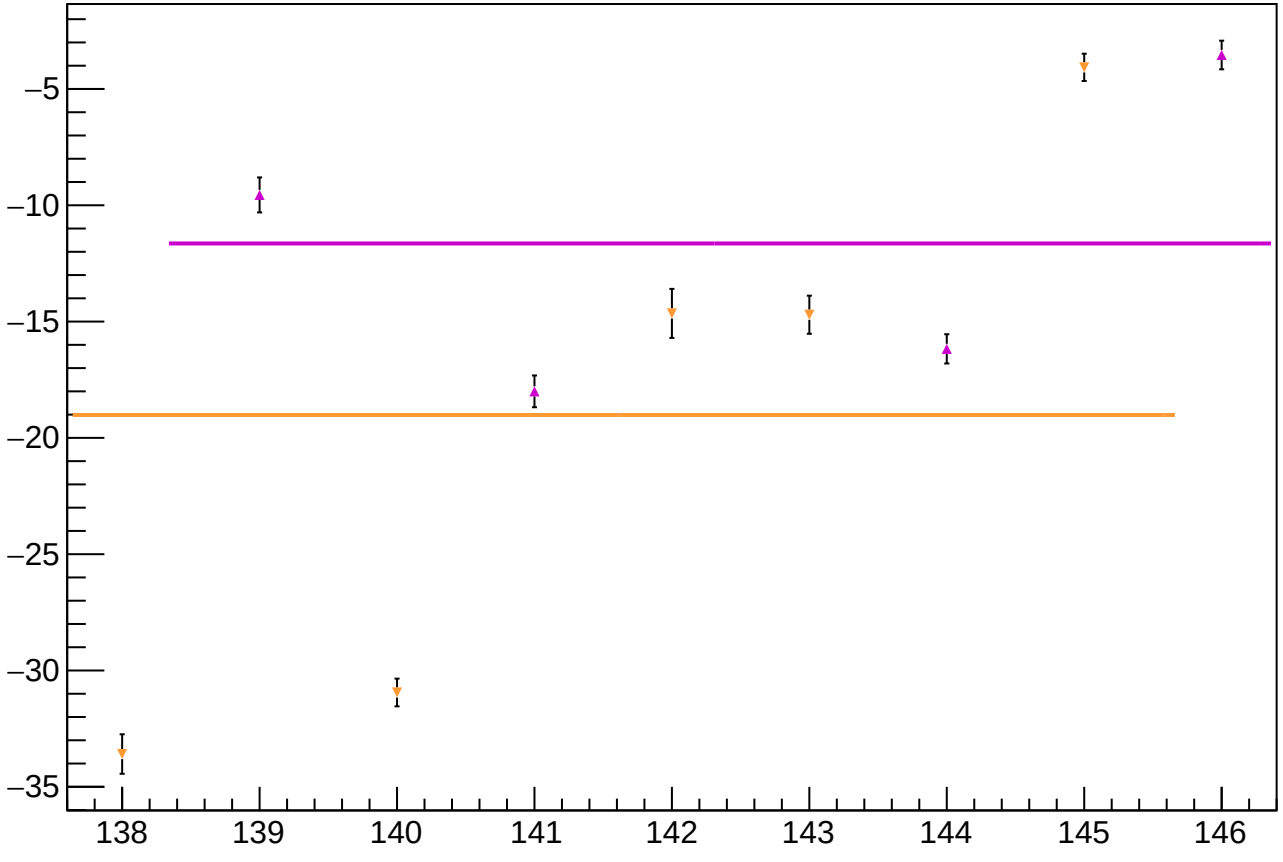
Left In: 0.313+/-0.010 χ^2/NDF:85.5/3

+ sign 0.231+/-0.008 χ^2/NDF: 983.6/21

All: 0.247+/-0.006 χ^2/NDF: 2111.3/44

- sign 0.264+/-0.008 χ^2/NDF: 1119.7/22

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -19.015+/-0.324 χ^2/NDF:1389.0/4

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

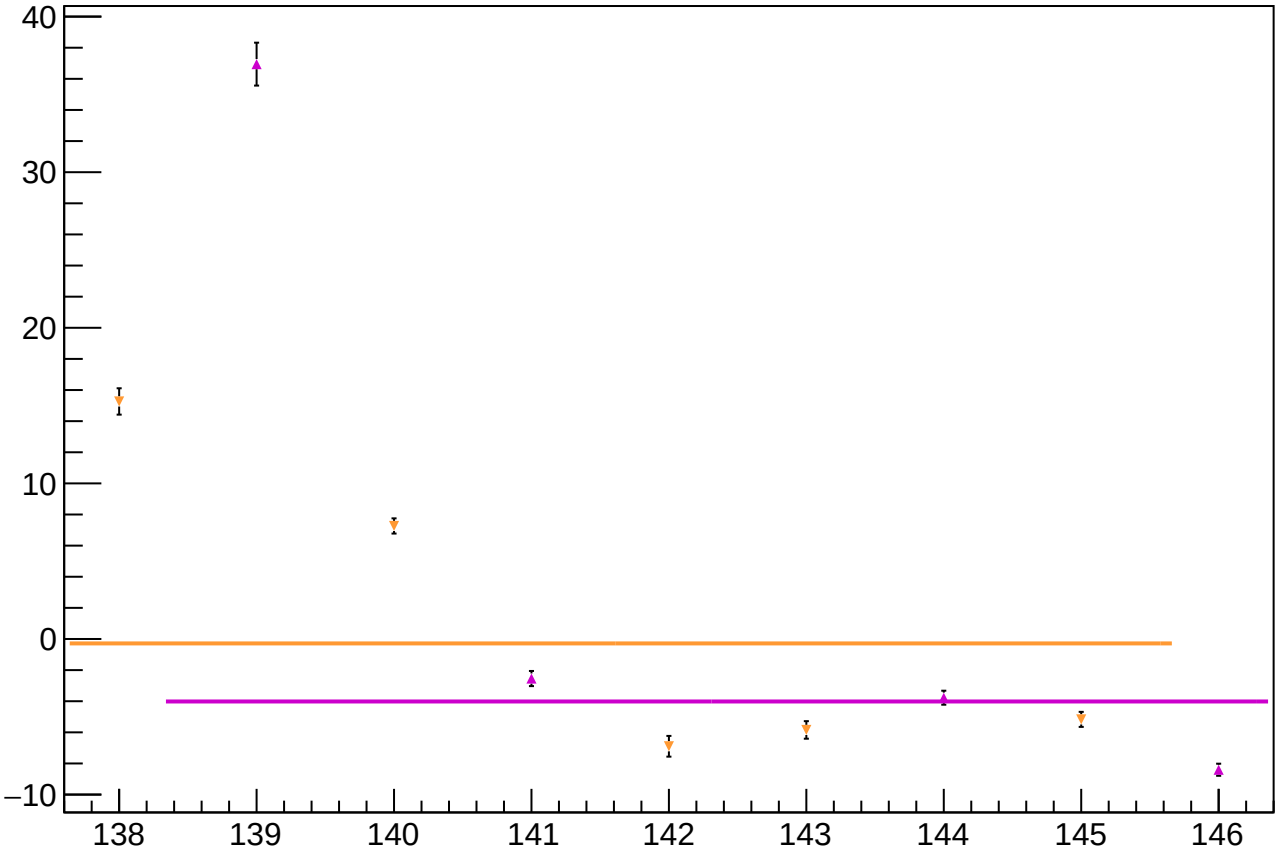
Left In: -11.642+/-0.332 χ^2/NDF:319.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.412+/-0.232 χ^2/NDF: 1961.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -0.285+/-0.256 χ^2/NDF:873.3/4

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

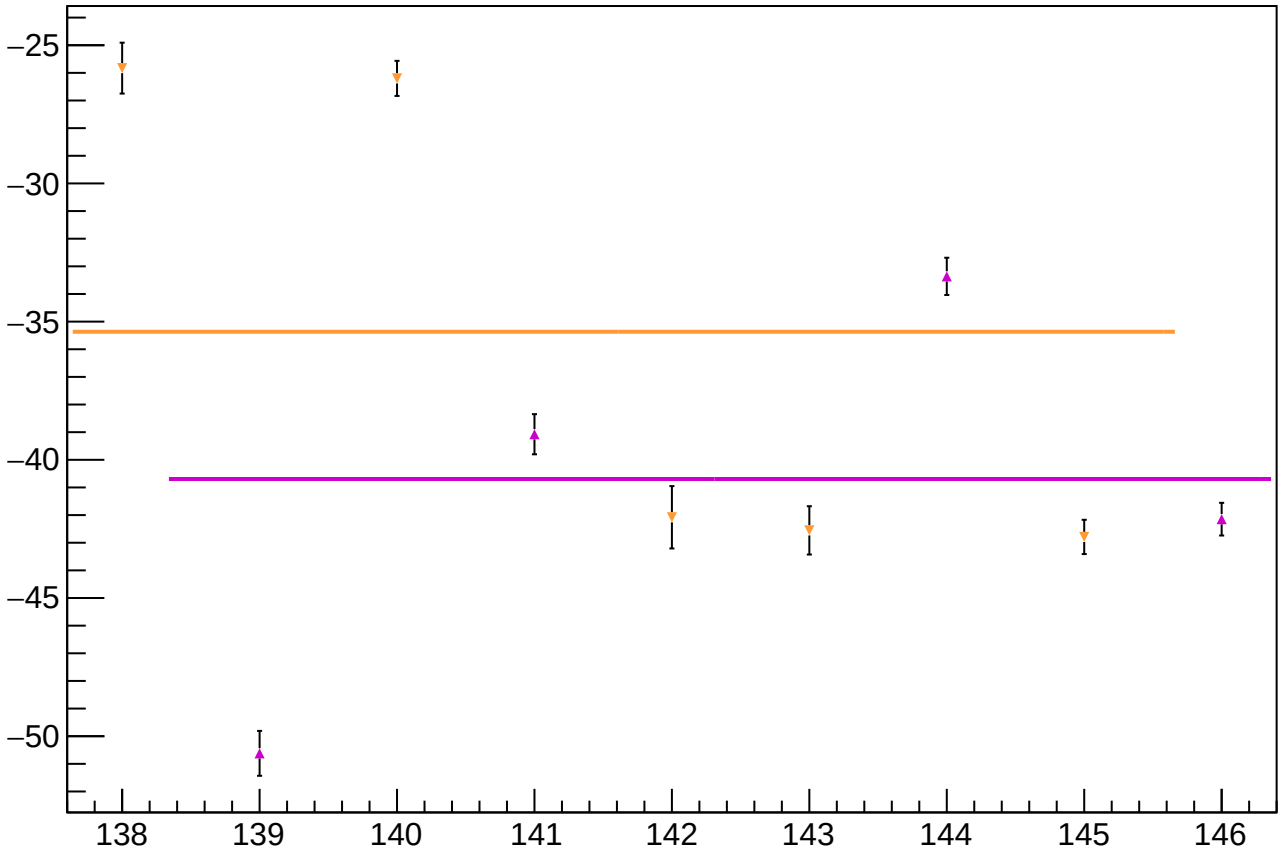
Left In: -4.016+/-0.248 χ^2/NDF:1018.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.211+/-0.178 χ^2/NDF: 2001.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -35.366+/-0.346 χ^2/NDF:562.1/4

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

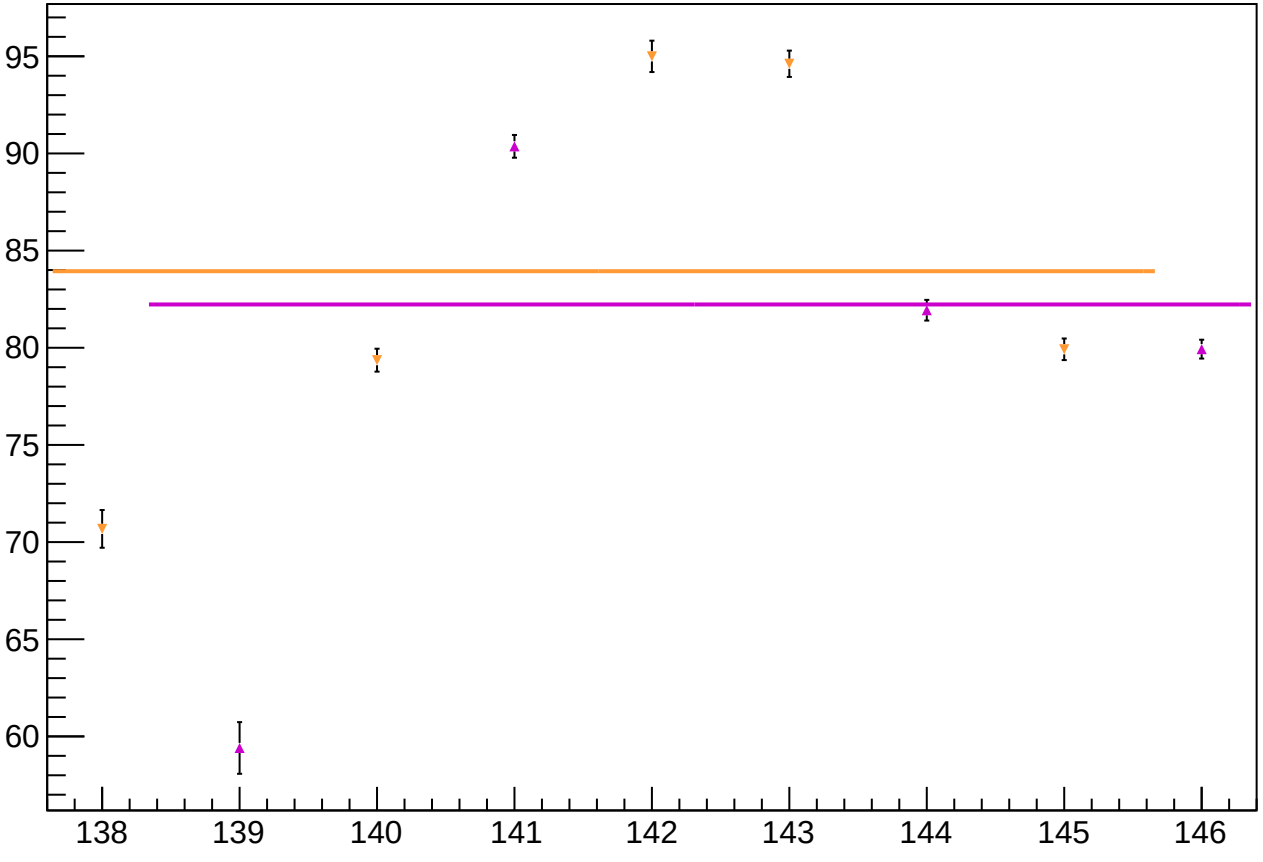
Left In: -40.694+/-0.343 χ^2/NDF:278.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.049+/-0.244 χ^2/NDF: 960.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 83.940+/-0.303 χ^2/NDF:735.4/4

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

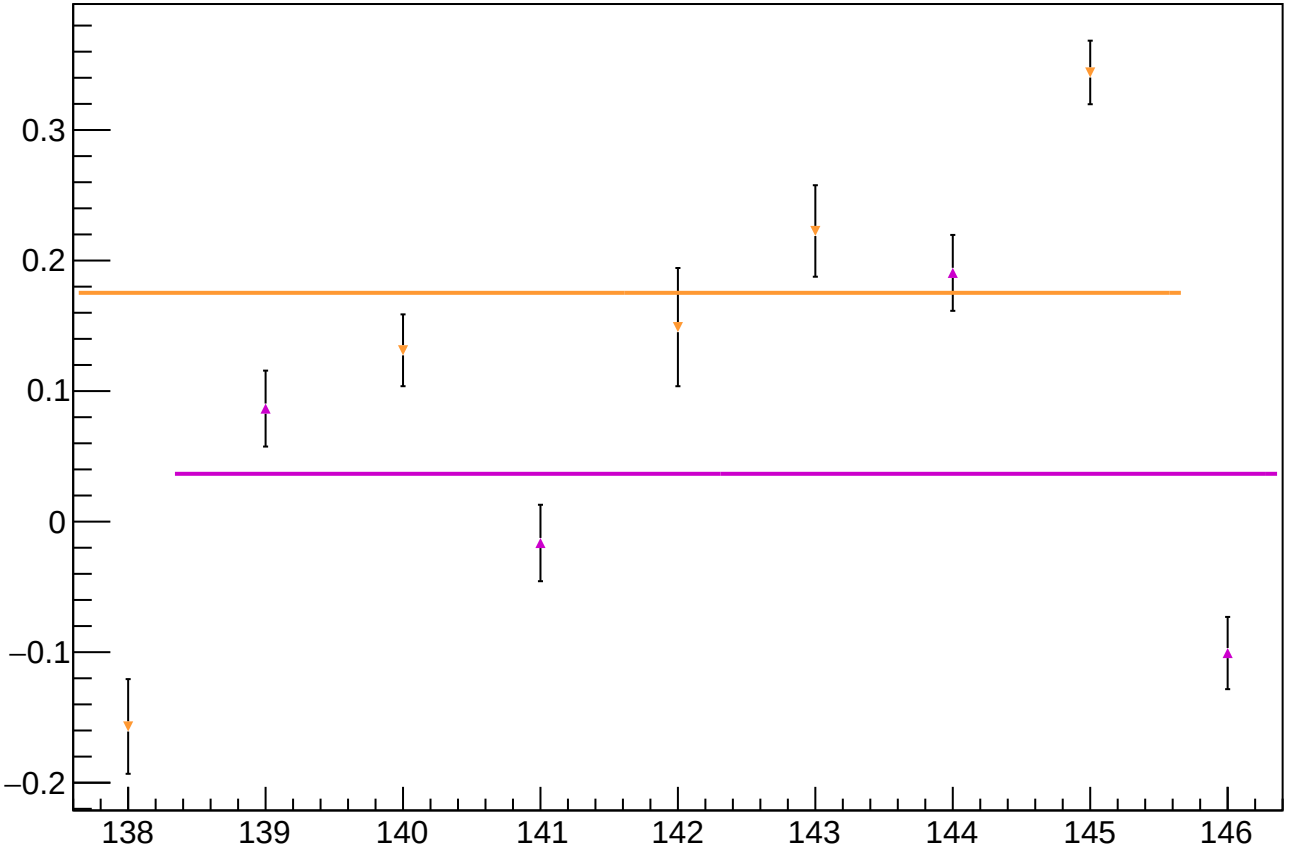
Left In: 82.229+/-0.298 χ^2/NDF:510.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 83.070+/-0.212 χ^2/NDF: 1262.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.175+/-0.014 χ^2/NDF:136.7/4

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

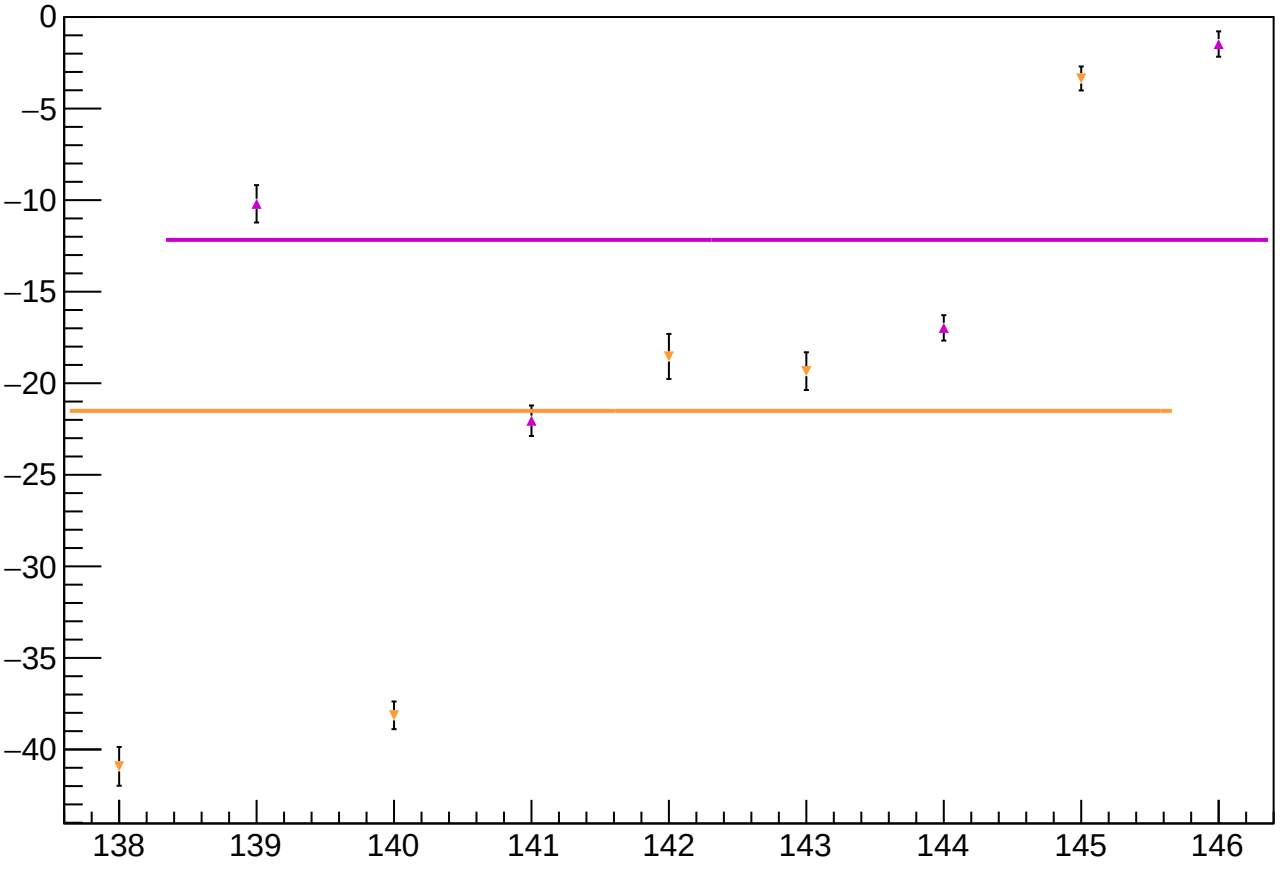
Left In: 0.037+/-0.014 χ^2/NDF:58.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.108+/-0.010 χ^2/NDF: 243.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -21.509+/-0.390 χ^2/NDF:1597.7/4

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

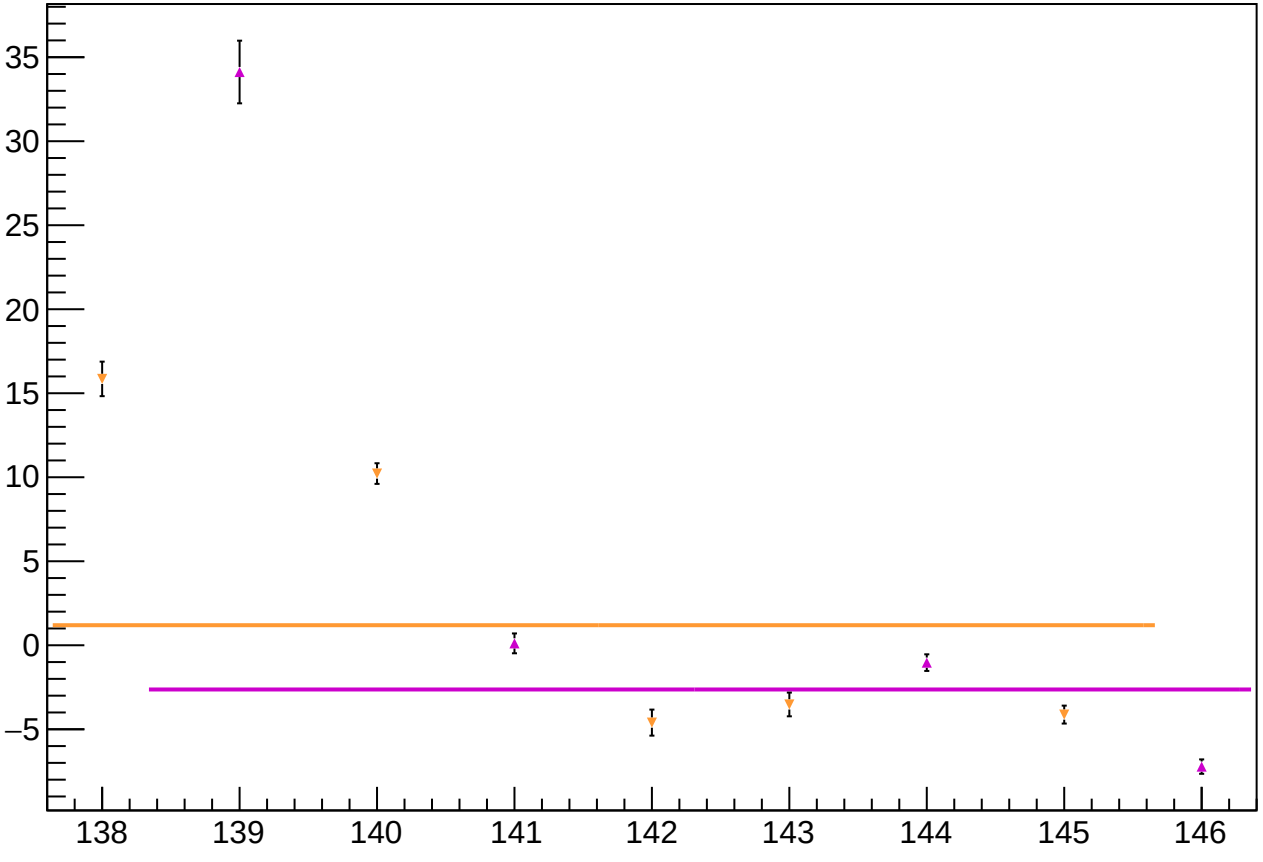
Left In: -12.171+/-0.390 χ^2/NDF:430.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -16.843+/-0.276 χ^2/NDF: 2315.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 1.194+/-0.305 χ^2/NDF:619.5/4

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

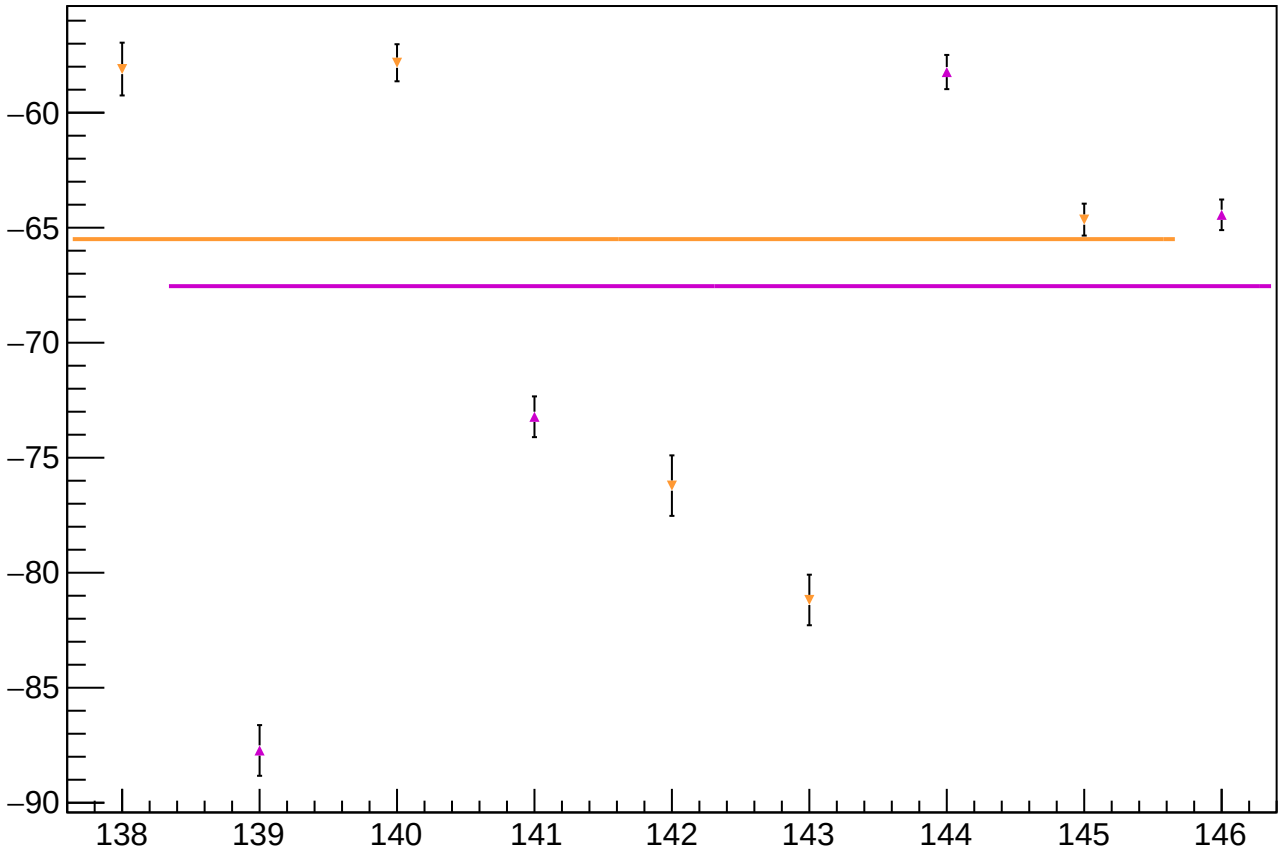
Left In: -2.632+/-0.281 χ^2/NDF:534.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.874+/-0.206 χ^2/NDF: 1239.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -65.497+/-0.416 χ^2/NDF:403.7/4

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

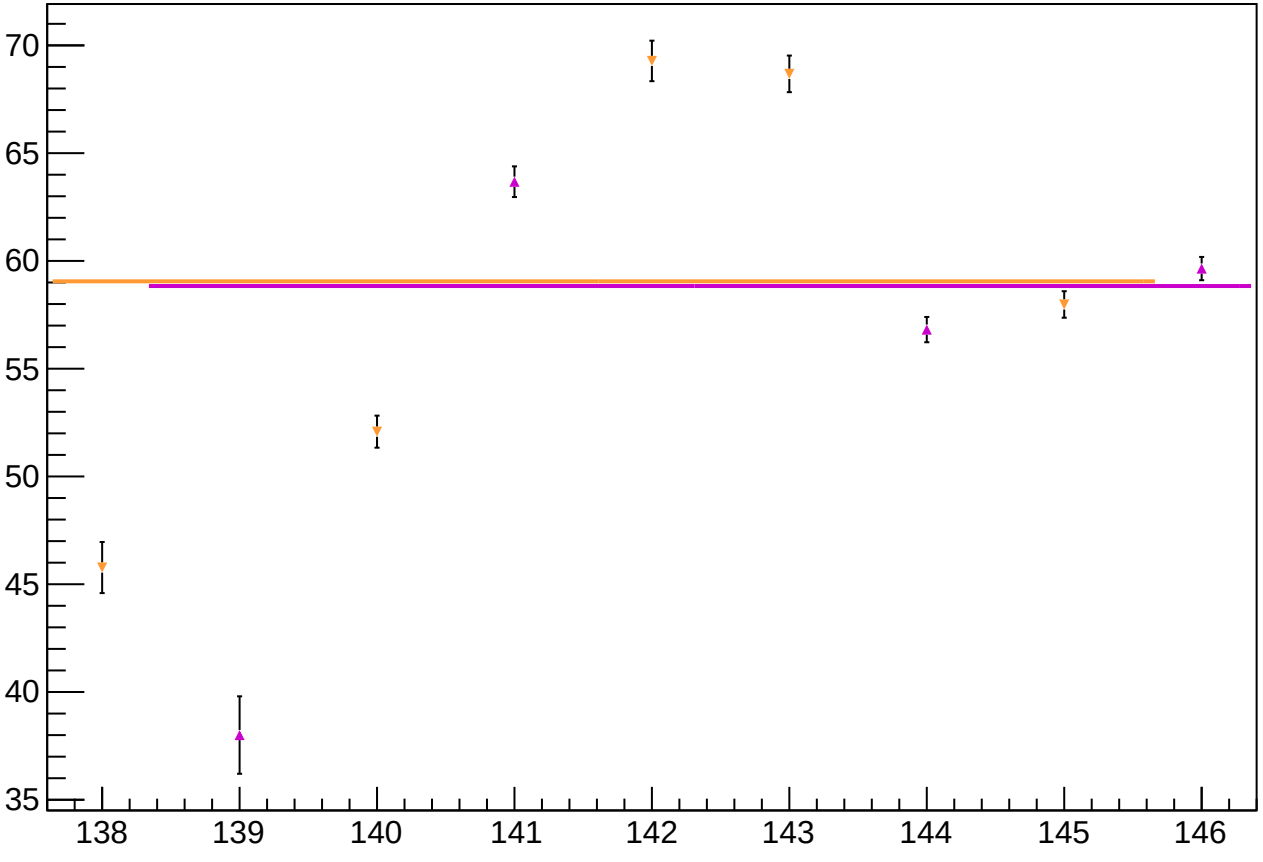
Left In: -67.541+/-0.403 χ^2/NDF:555.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -66.552+/-0.289 χ^2/NDF: 971.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 59.053+/-0.361 χ^2/NDF:463.4/4

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

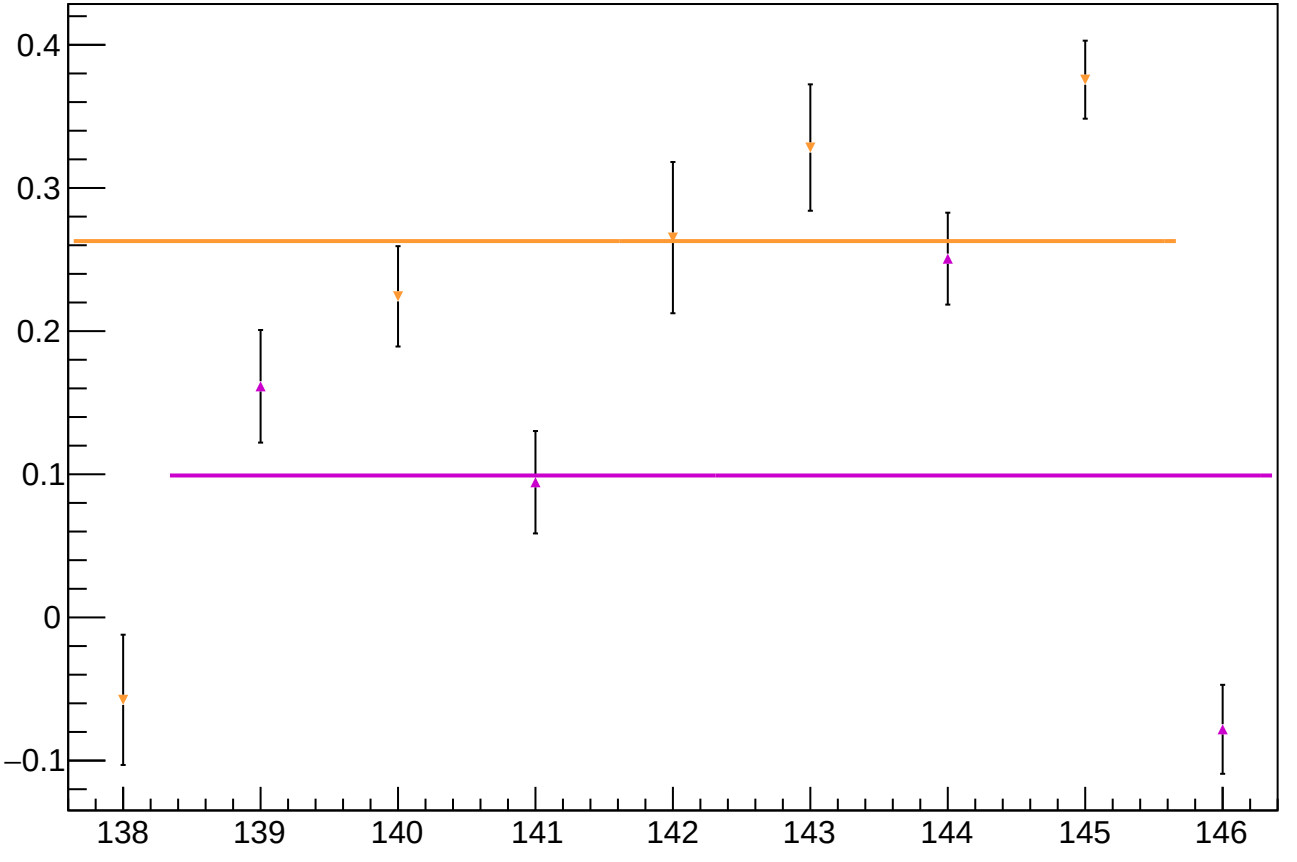
Left In: 58.835+/-0.341 χ^2/NDF:194.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 58.938+/-0.248 χ^2/NDF: 658.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.263+/-0.017 χ^2/NDF:70.1/4

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

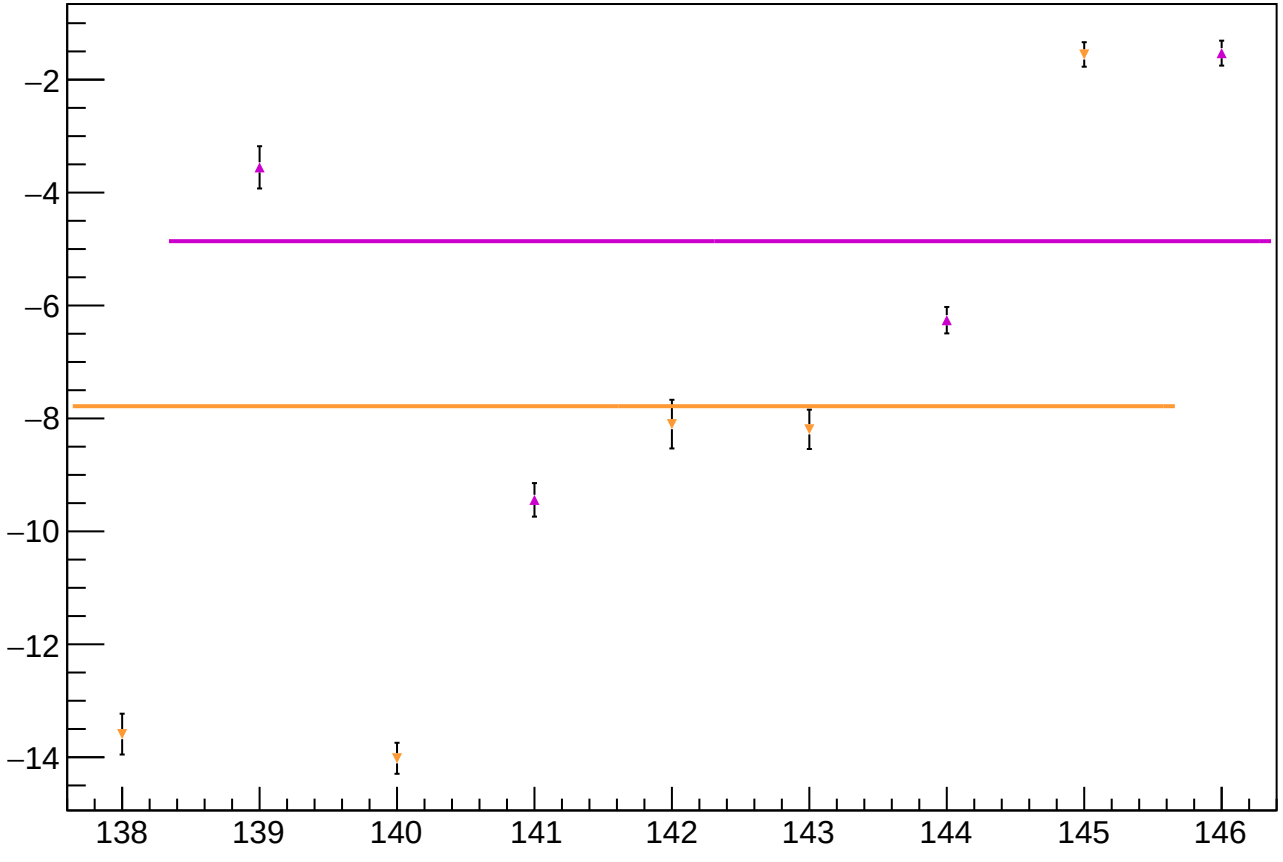
Left In: 0.099+/-0.017 χ^2/NDF:57.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.182+/-0.012 χ^2/NDF: 174.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



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

Left Out: -7.783+/-0.134 χ^2/NDF:1599.6/4

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

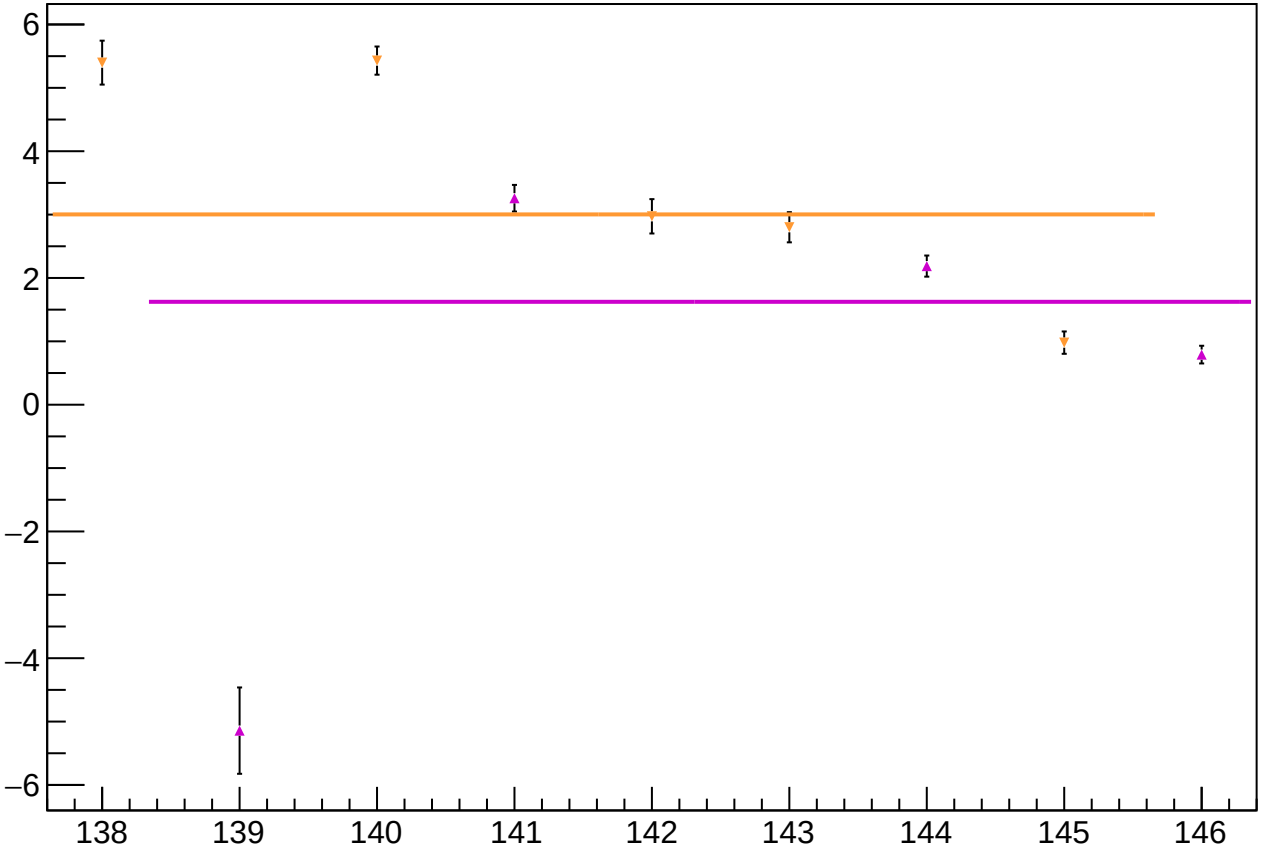
Left In: -4.860+/-0.132 χ^2/NDF:513.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.302+/-0.094 χ^2/NDF: 2354.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 3.003+/-0.104 χ^2/NDF:299.4/4

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

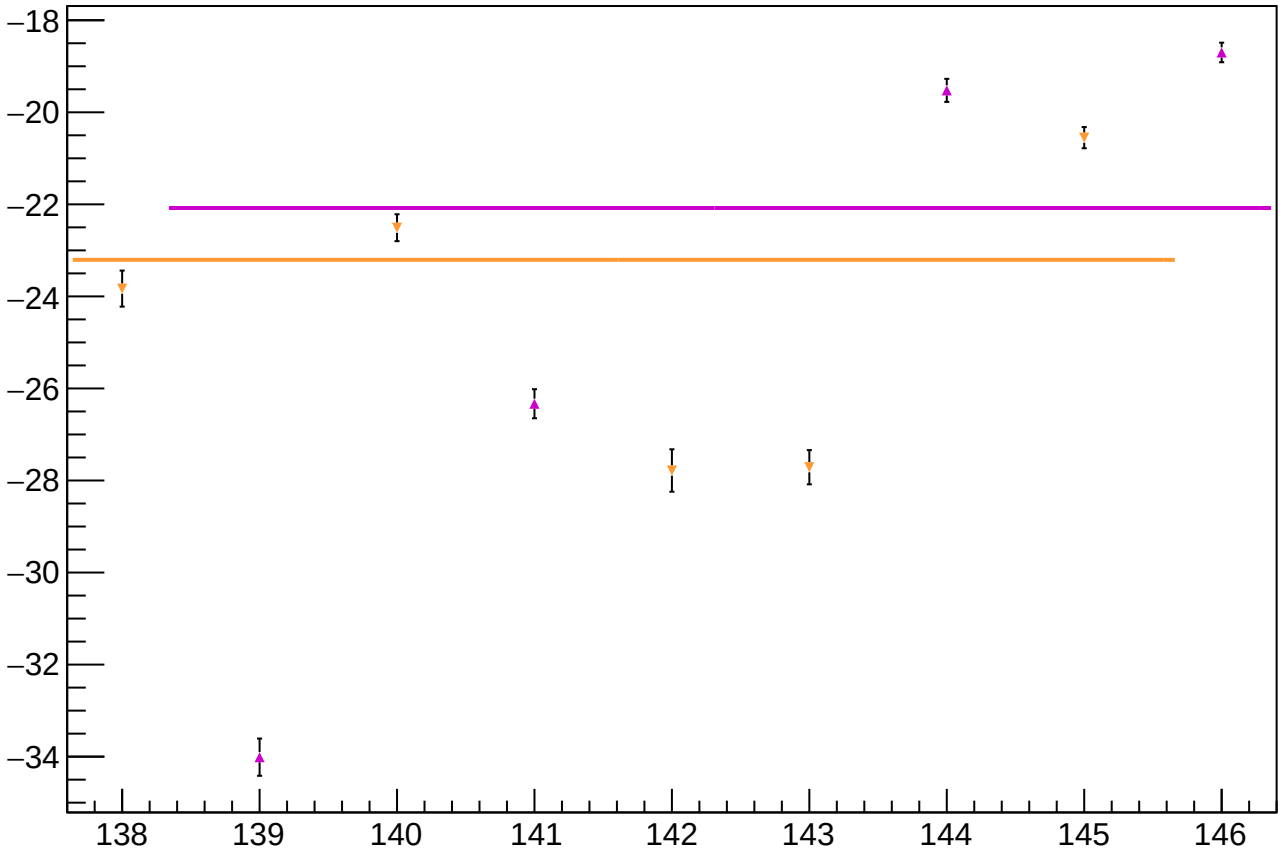
Left In: 1.624+/-0.094 χ^2/NDF:206.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.245+/-0.070 χ^2/NDF: 601.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -23.206+/-0.143 χ^2/NDF:386.4/4

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

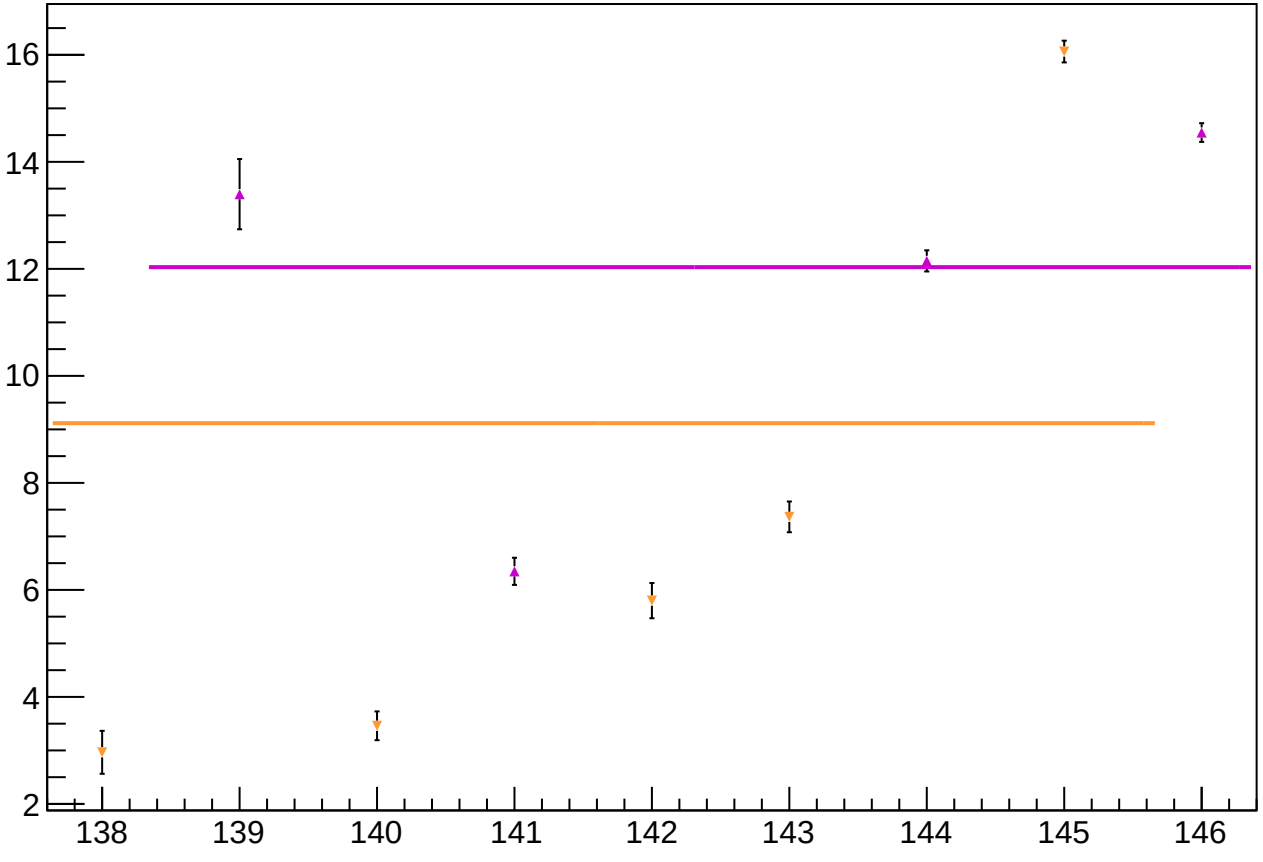
Left In: -22.079+/-0.136 χ^2/NDF:1408.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -22.614+/-0.098 χ^2/NDF: 1827.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 9.116+/-0.123 χ^2/NDF:1983.9/4

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

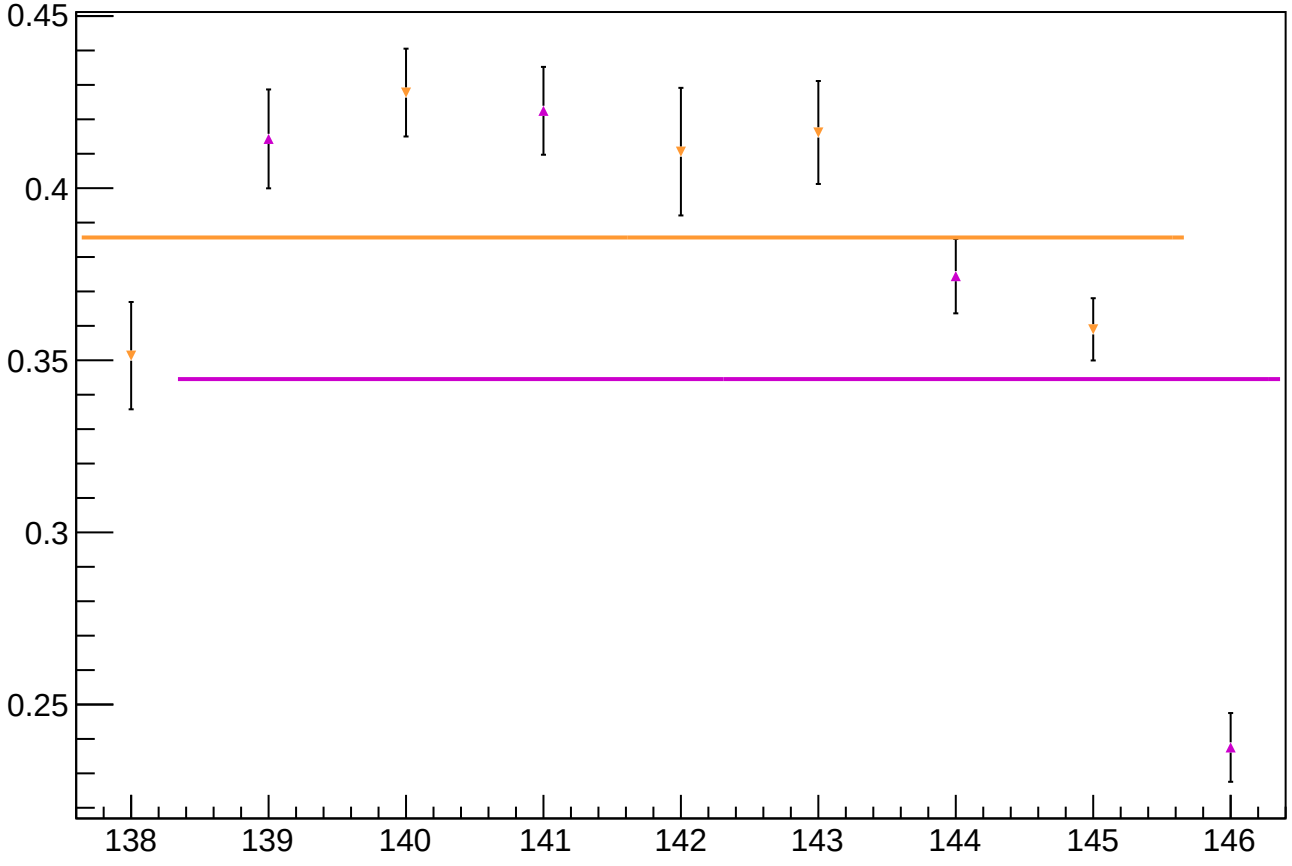
Left In: 12.033+/-0.115 χ^2/NDF:714.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.683+/-0.084 χ^2/NDF: 2997.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.386+/-0.006 χ^2/NDF:30.4/4

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

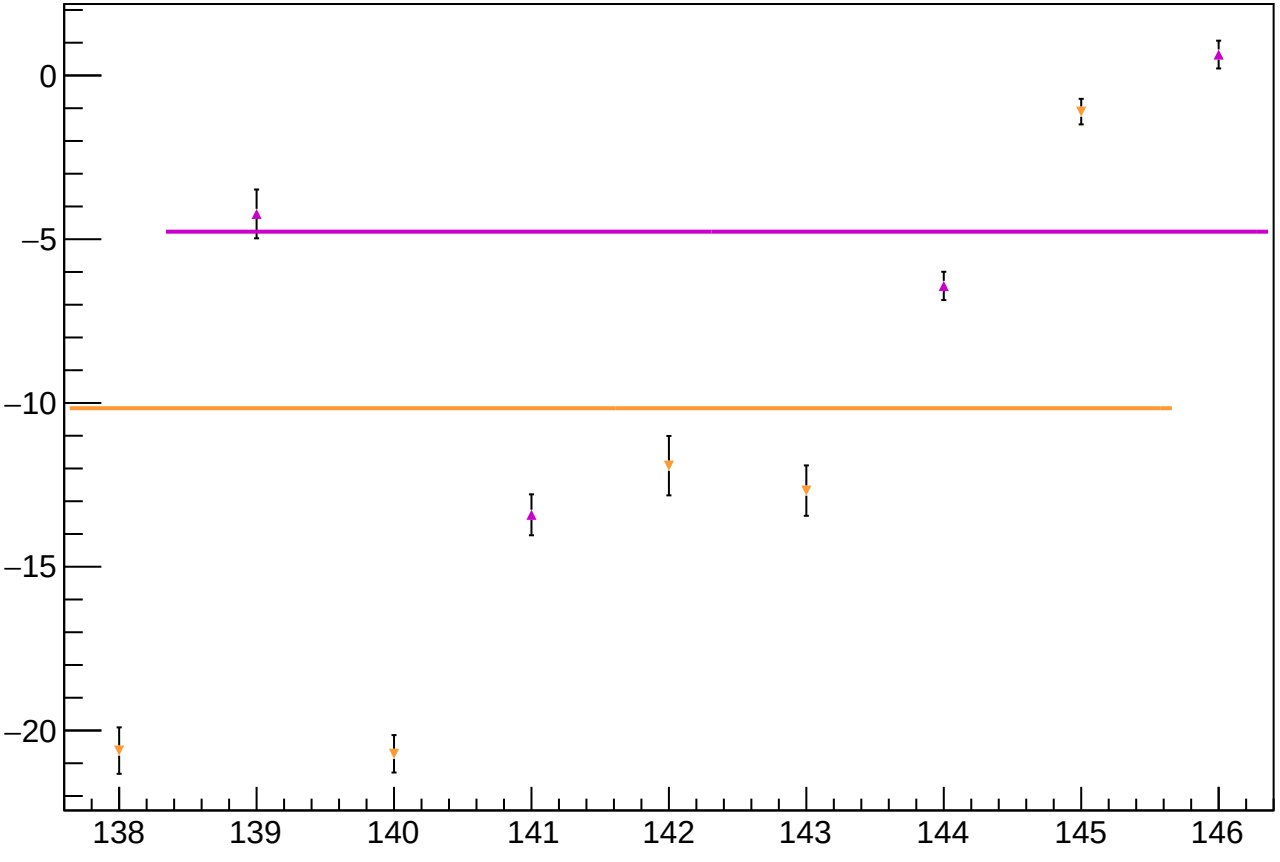
Left In: 0.345+/-0.006 χ^2/NDF:183.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.365+/-0.004 χ^2/NDF: 238.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.160+/-0.262 χ^2/NDF:1112.1/4

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

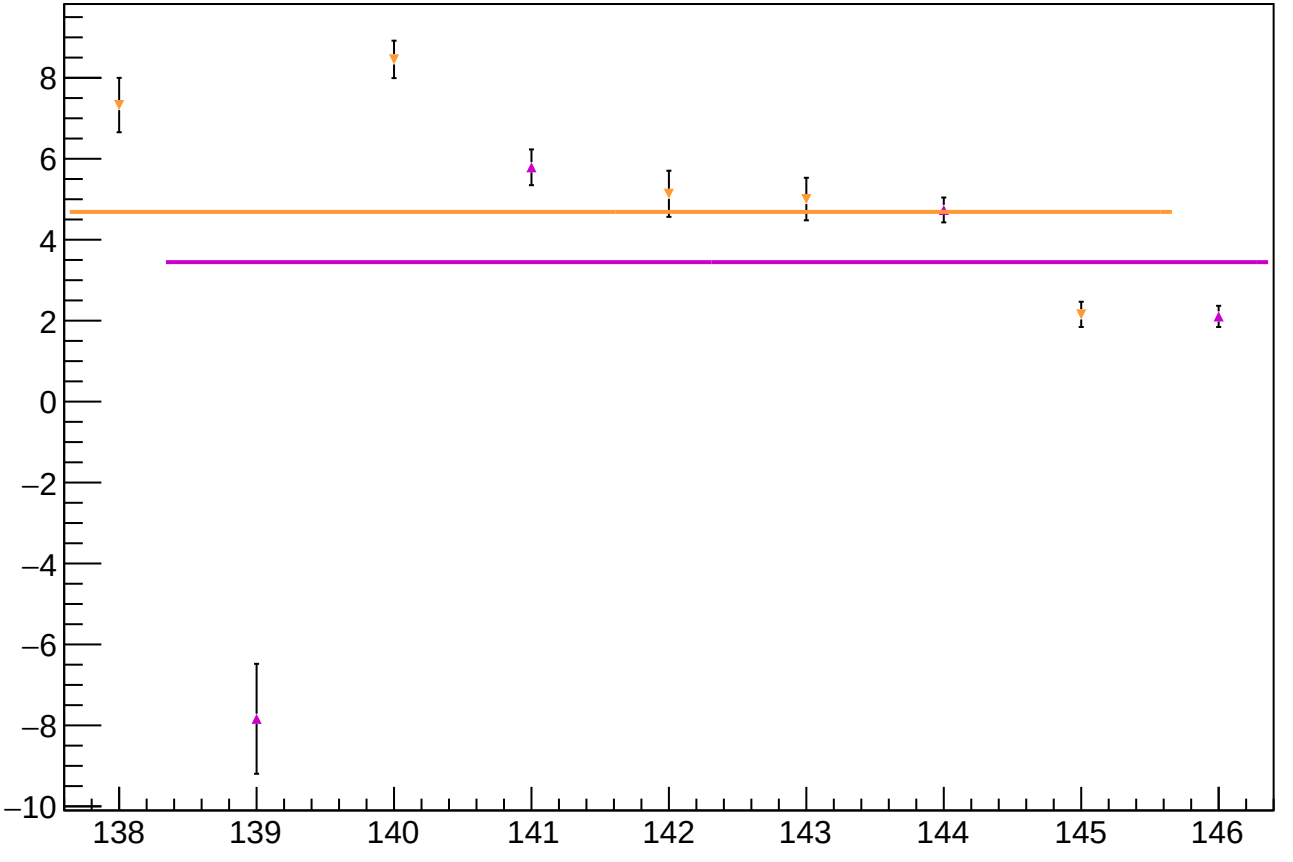
Left In: -4.770+/-0.256 χ^2/NDF:369.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.396+/-0.183 χ^2/NDF: 1697.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 4.688+/-0.205 χ^2/NDF:148.7/4

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

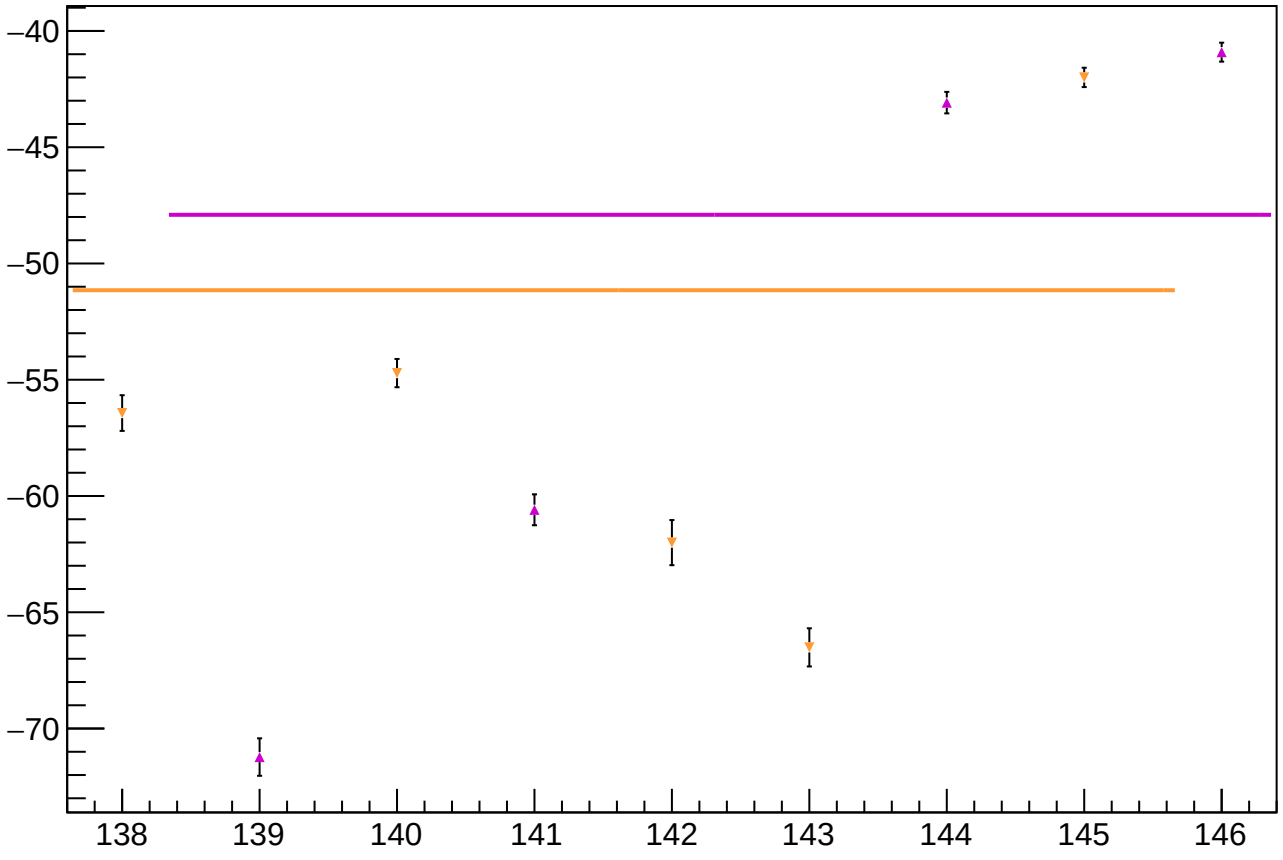
Left In: 3.446+/-0.180 χ^2/NDF:140.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.988+/-0.135 χ^2/NDF: 310.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -51.150+/-0.280 χ^2/NDF:1041.3/4

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

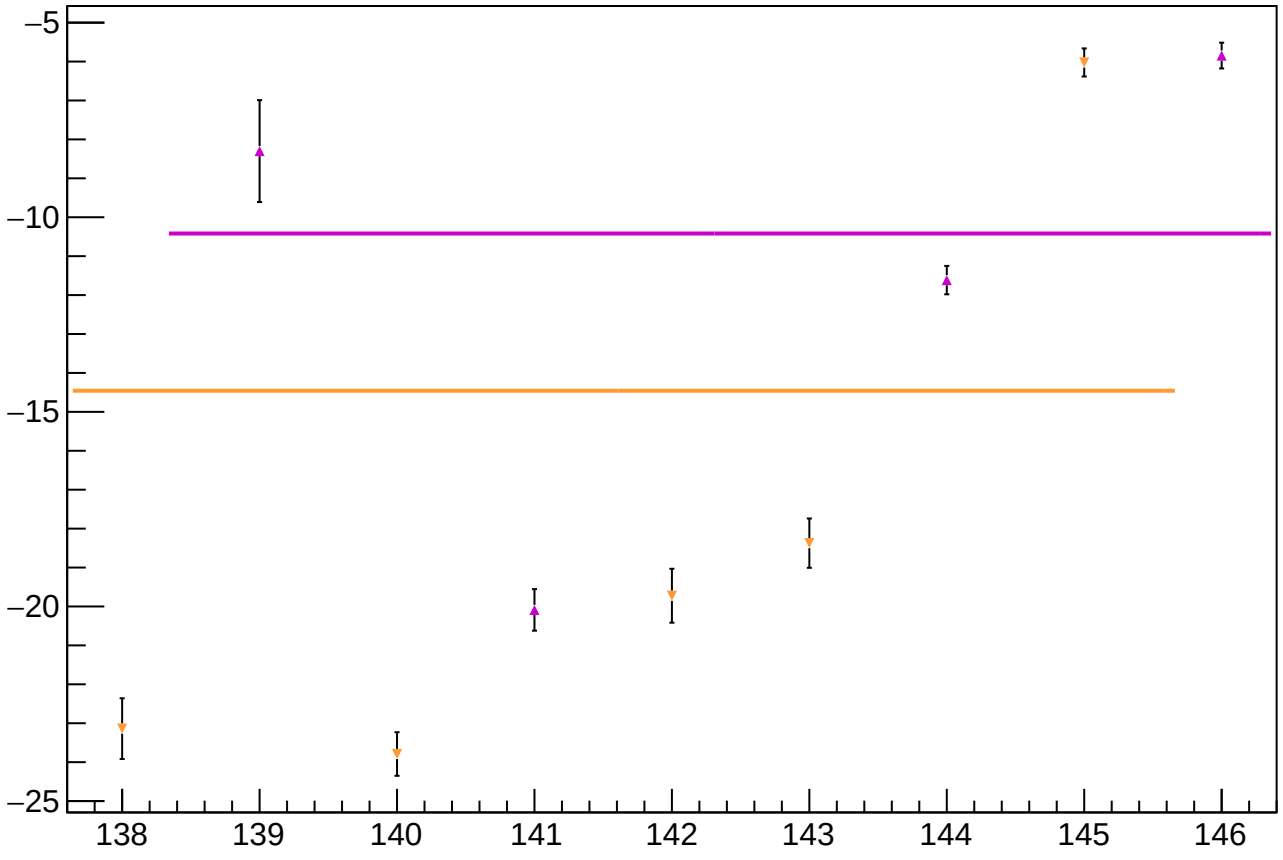
Left In: -47.906+/-0.263 χ^2/NDF:1604.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -49.423+/-0.192 χ^2/NDF: 2717.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -14.457+/-0.242 χ^2/NDF:1044.0/4

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

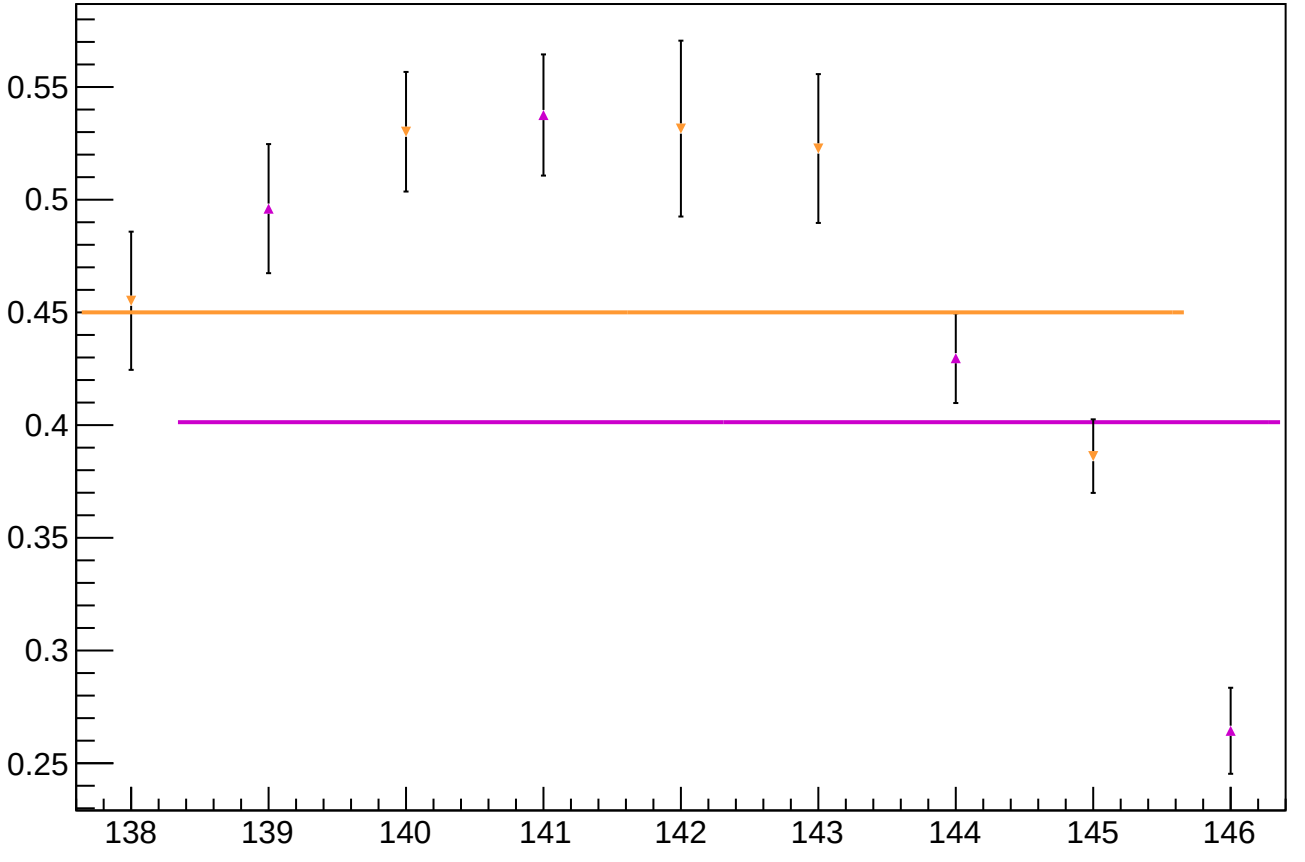
Left In: -10.418+/-0.220 χ^2/NDF:532.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.243+/-0.163 χ^2/NDF: 1728.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.450+/-0.011 χ^2/NDF:33.6/4

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

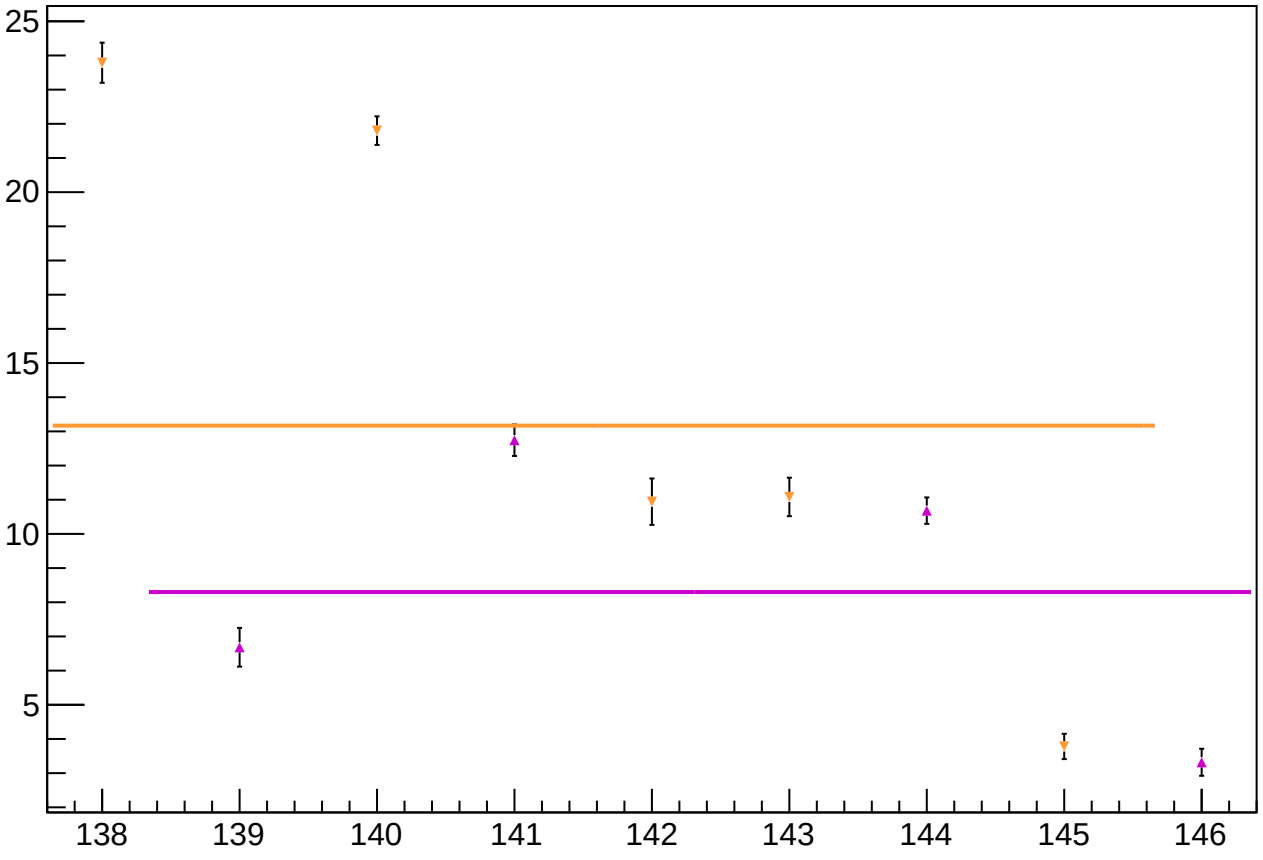
Left In: 0.401+/-0.011 χ^2/NDF:90.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.426+/-0.008 χ^2/NDF: 133.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 13.169+/-0.217 χ^2/NDF:1423.6/4

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

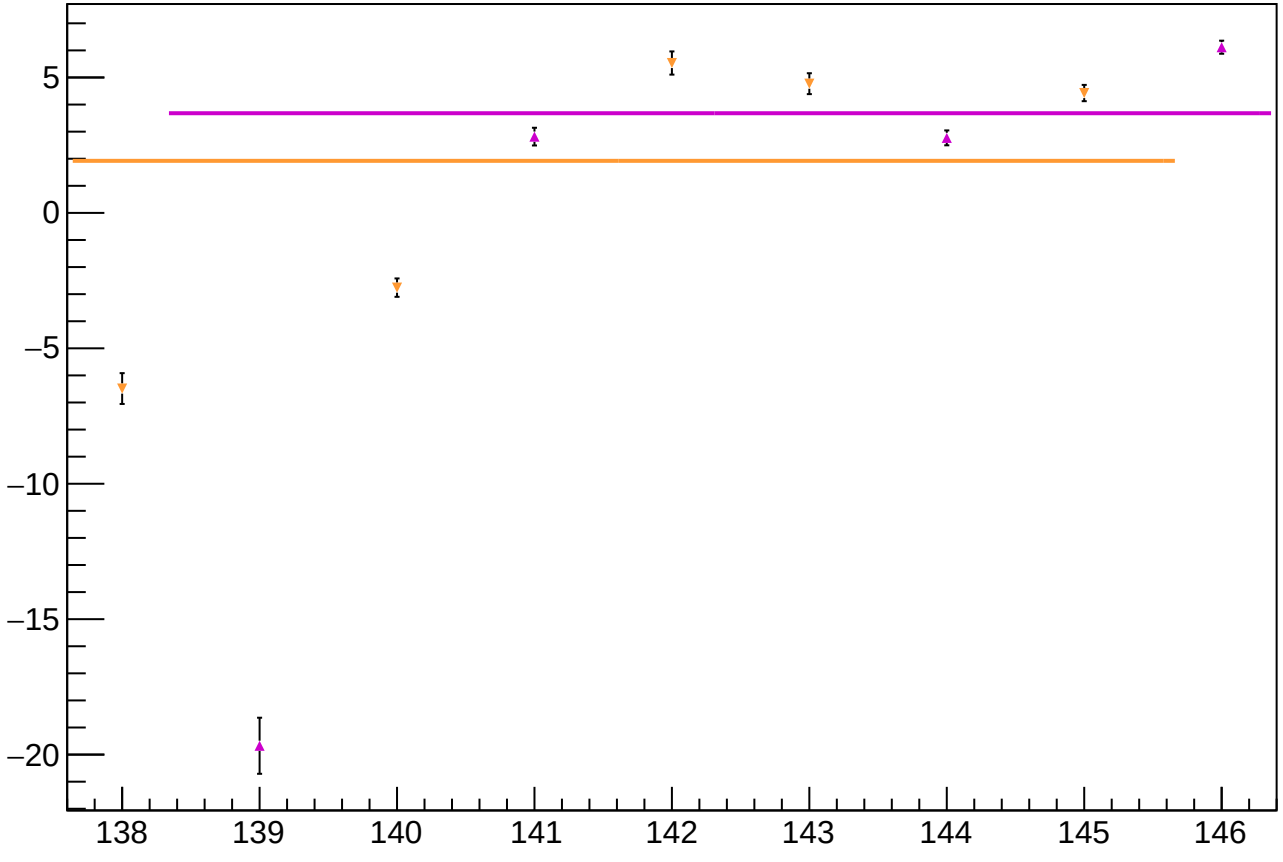
Left In: 8.300+/-0.219 χ^2/NDF:297.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.755+/-0.154 χ^2/NDF: 1971.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 1.922+/-0.169 χ^2/NDF:603.4/4

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

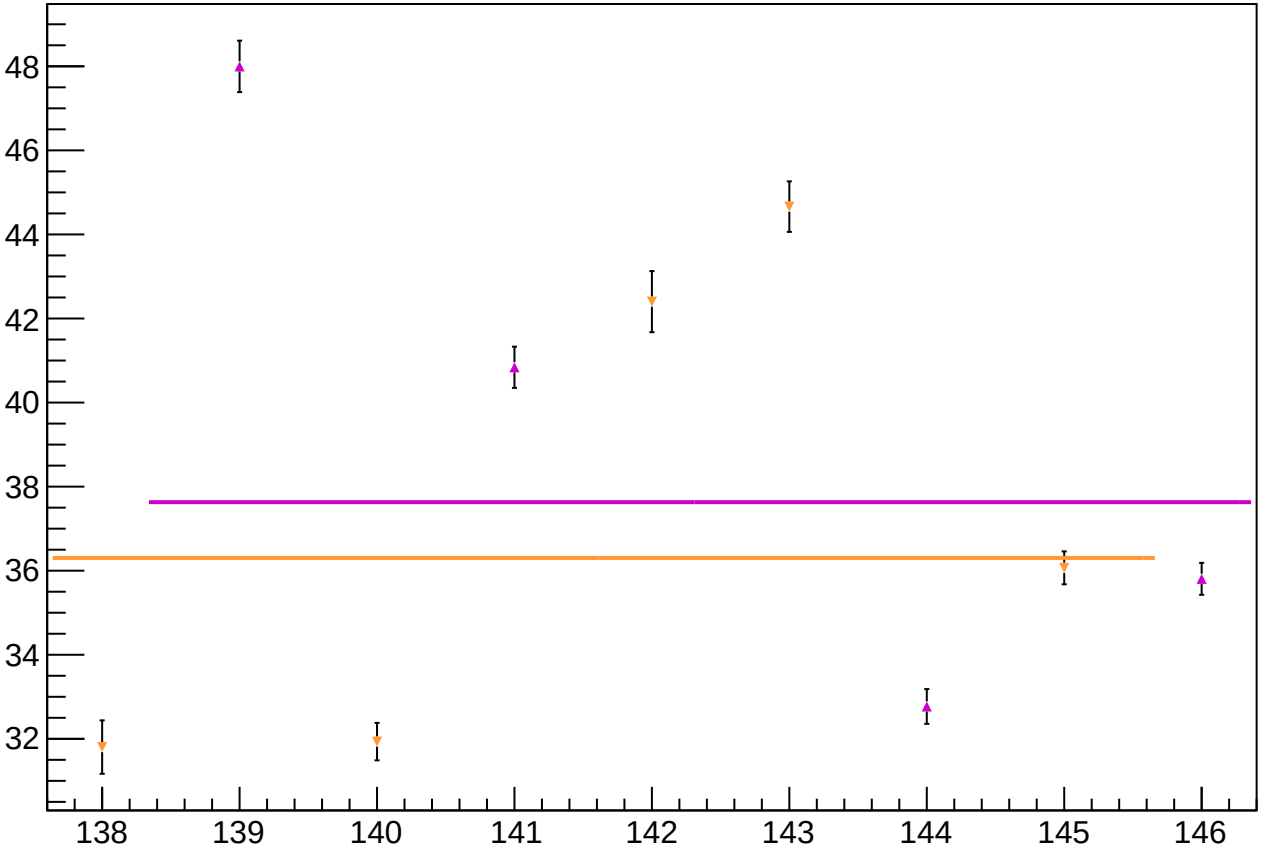
Left In: 3.680+/-0.157 χ^2/NDF:628.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.867+/-0.115 χ^2/NDF: 1290.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 36.304+/-0.231 χ^2/NDF:410.6/4

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

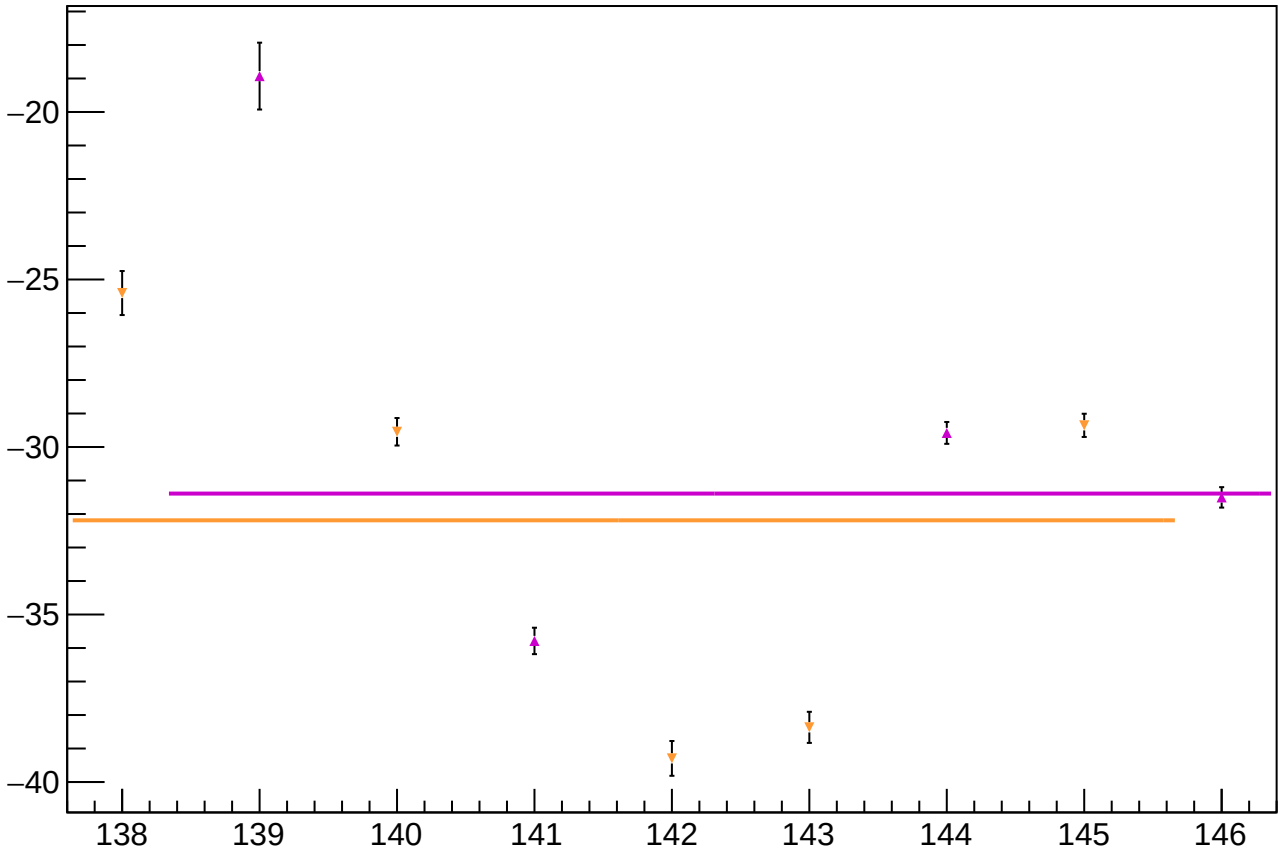
Left In: 37.630+/-0.226 χ^2/NDF:490.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 36.983+/-0.162 χ^2/NDF: 918.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -32.188+/-0.200 χ^2/NDF:579.4/4

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

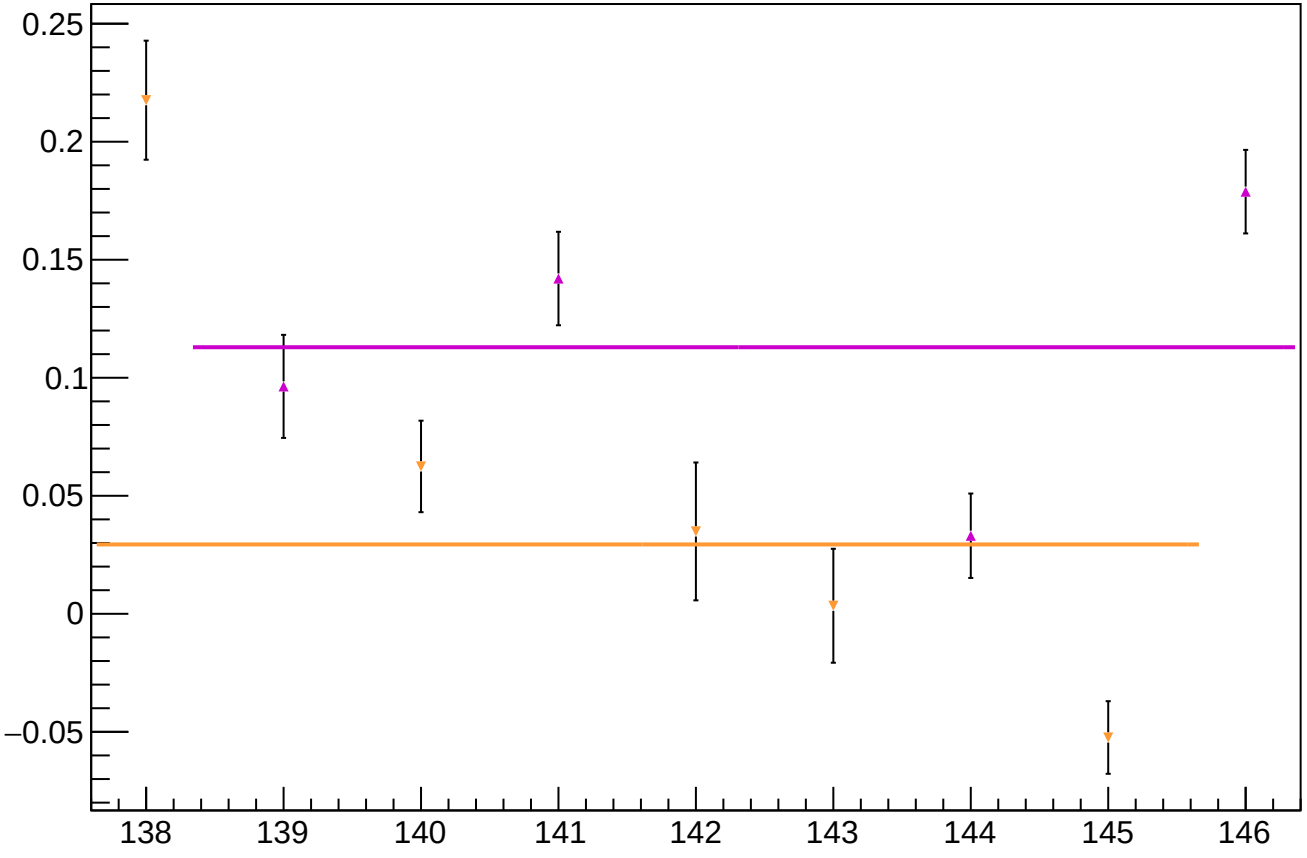
Left In: -31.390+/-0.190 χ^2/NDF:311.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -31.769+/-0.138 χ^2/NDF: 899.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.029+/-0.009 χ^2/NDF:88.1/4

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

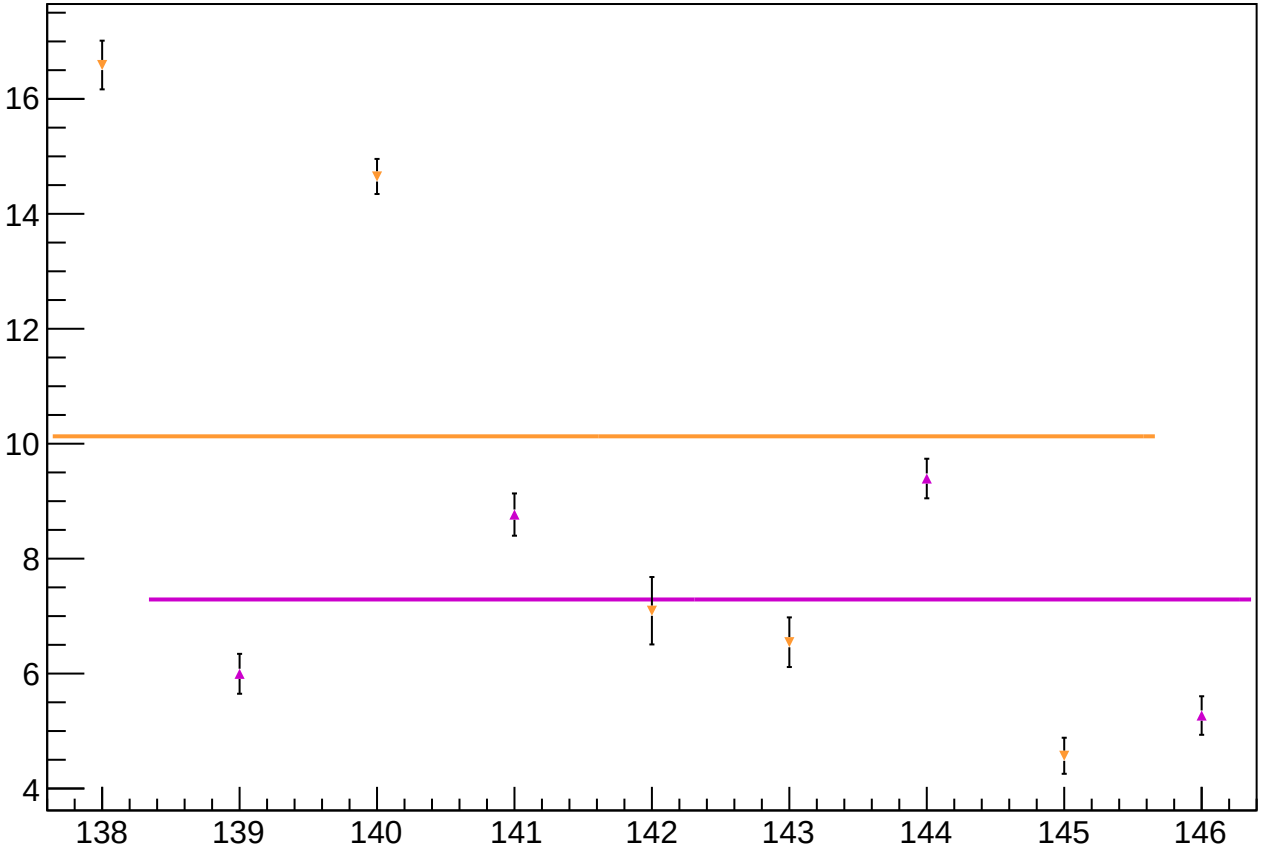
Left In: 0.113+/-0.010 χ^2/NDF:36.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.070+/-0.007 χ^2/NDF: 163.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 10.128+/-0.170 χ^2/NDF:861.6/4

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

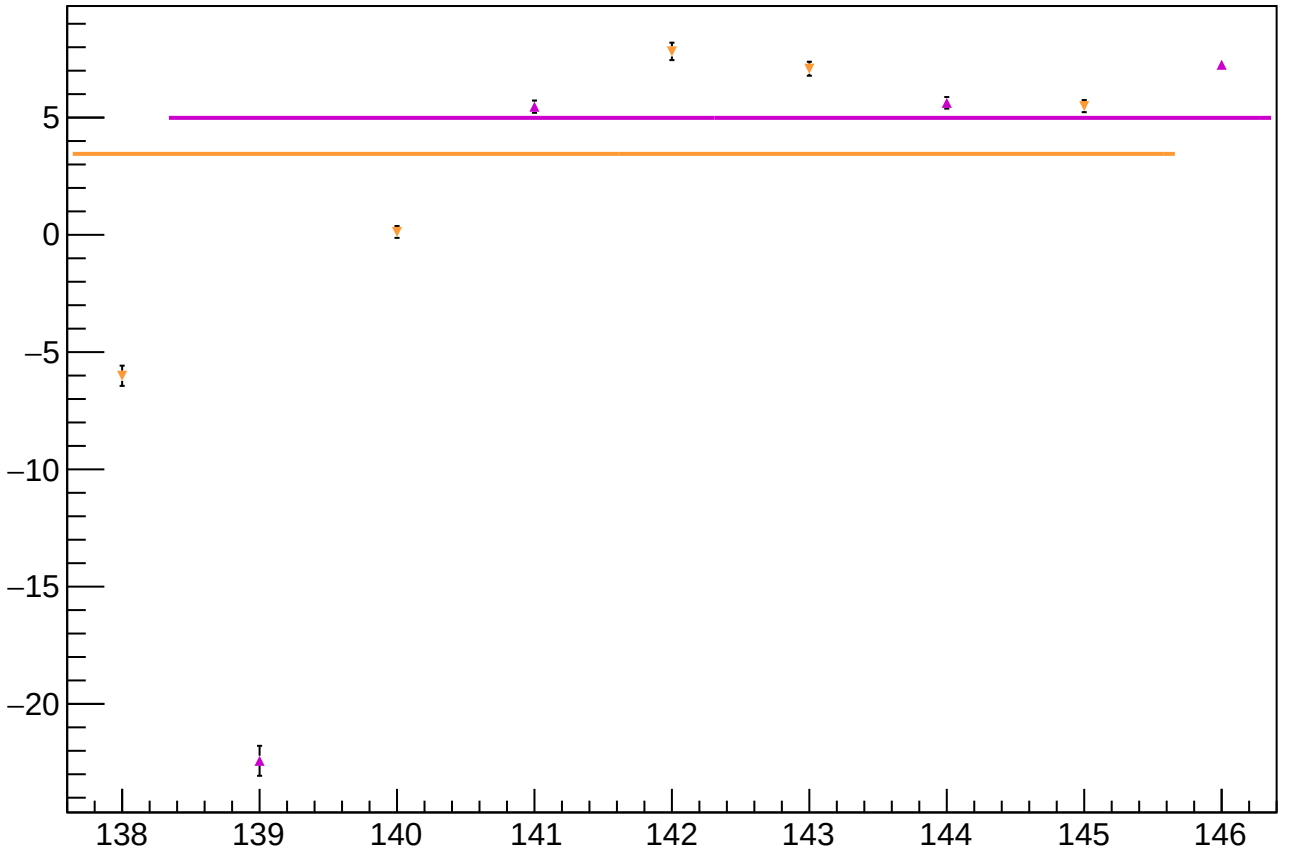
Left In: 7.289+/-0.174 χ^2/NDF:103.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.745+/-0.122 χ^2/NDF: 1101.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 3.452+/-0.136 χ^2/NDF:1002.8/4

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

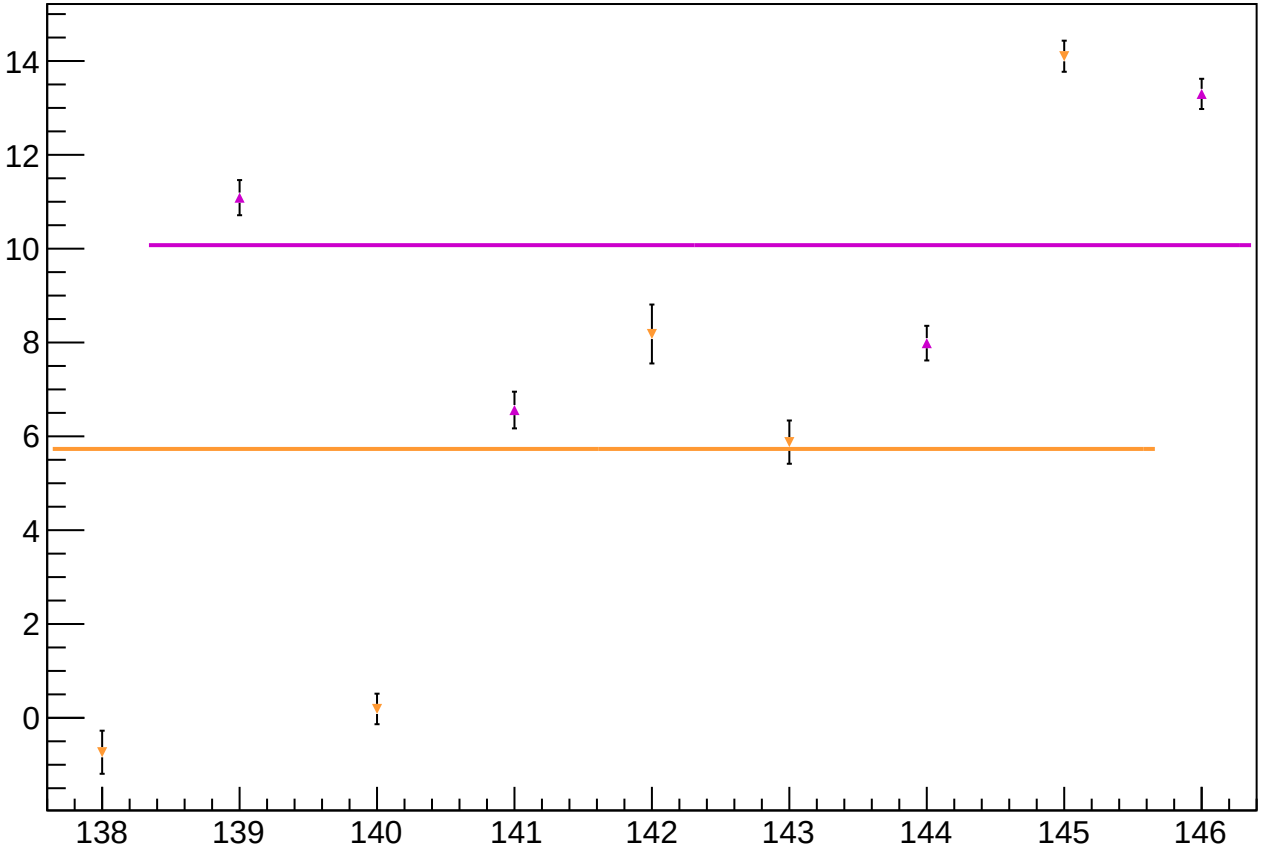
Left In: 4.988+/-0.135 χ^2/NDF:1963.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.226+/-0.095 χ^2/NDF: 3031.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 5.732+/-0.181 χ^2/NDF:1140.7/4

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

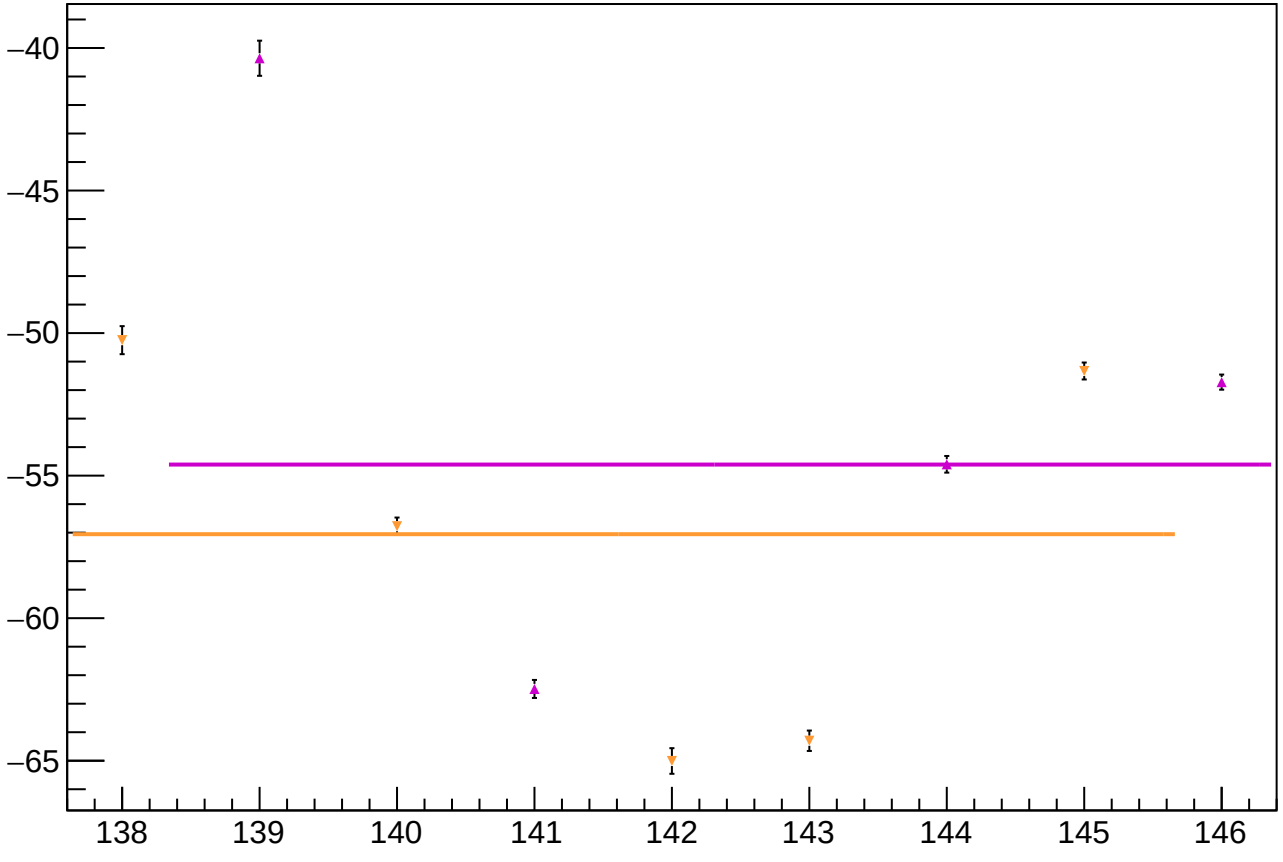
Left In: 10.075+/-0.181 χ^2/NDF:220.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.908+/-0.128 χ^2/NDF: 1649.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.054+/-0.160 χ^2/NDF:1286.9/4

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

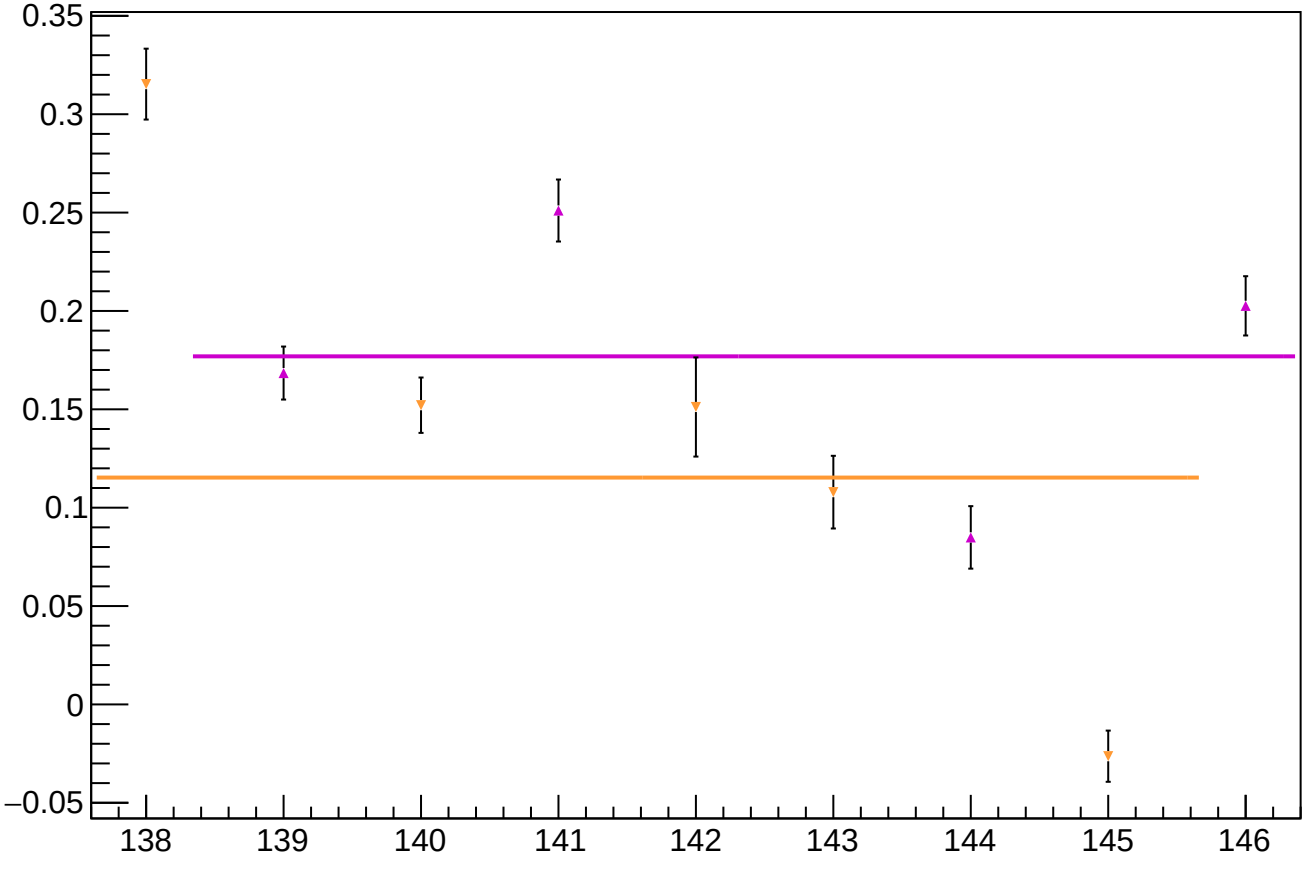
Left In: -54.612+/-0.161 χ^2/NDF:1274.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -55.839+/-0.114 χ^2/NDF: 2677.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.115+/-0.007 χ^2/NDF:250.7/4

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

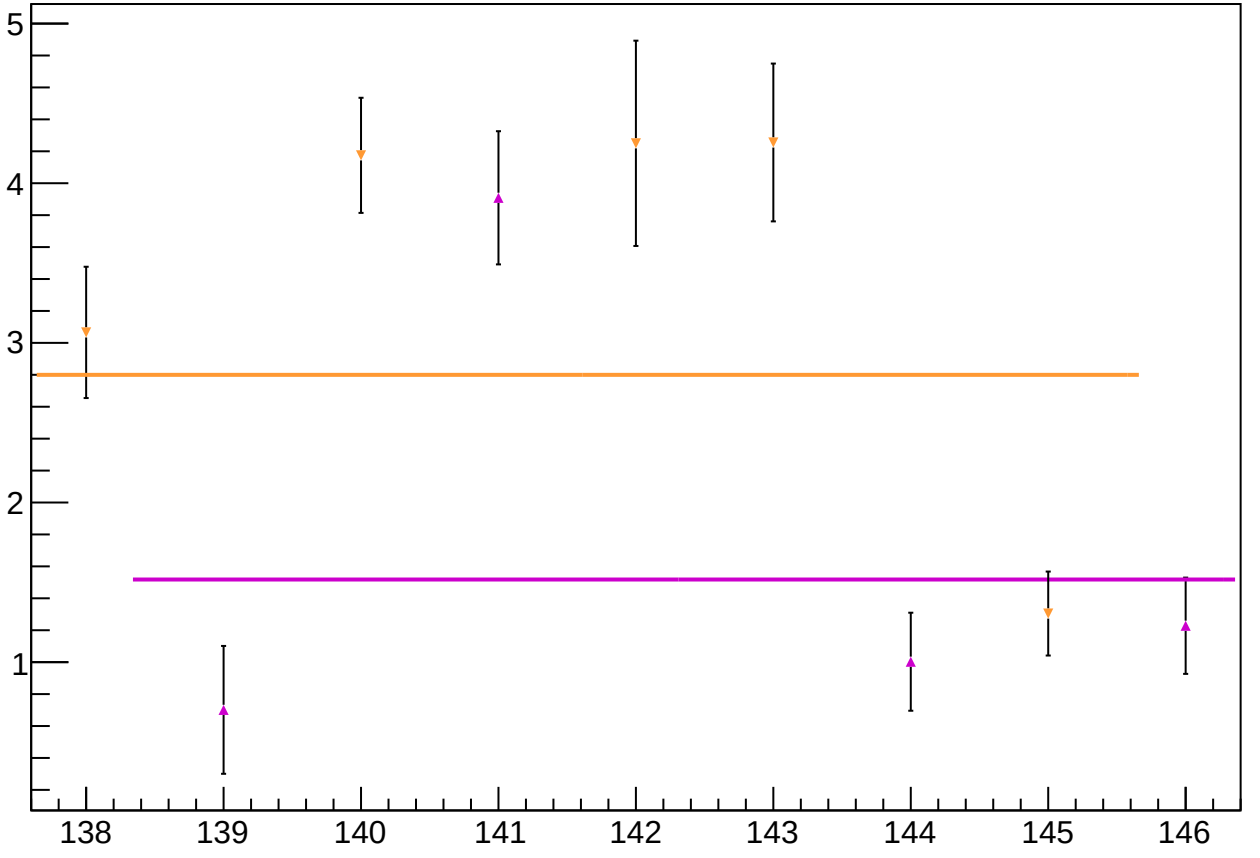
Left In: 0.177+/-0.007 χ^2/NDF:59.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.146+/-0.005 χ^2/NDF: 344.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 2.800+/-0.170 χ^2/NDF:61.0/4

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

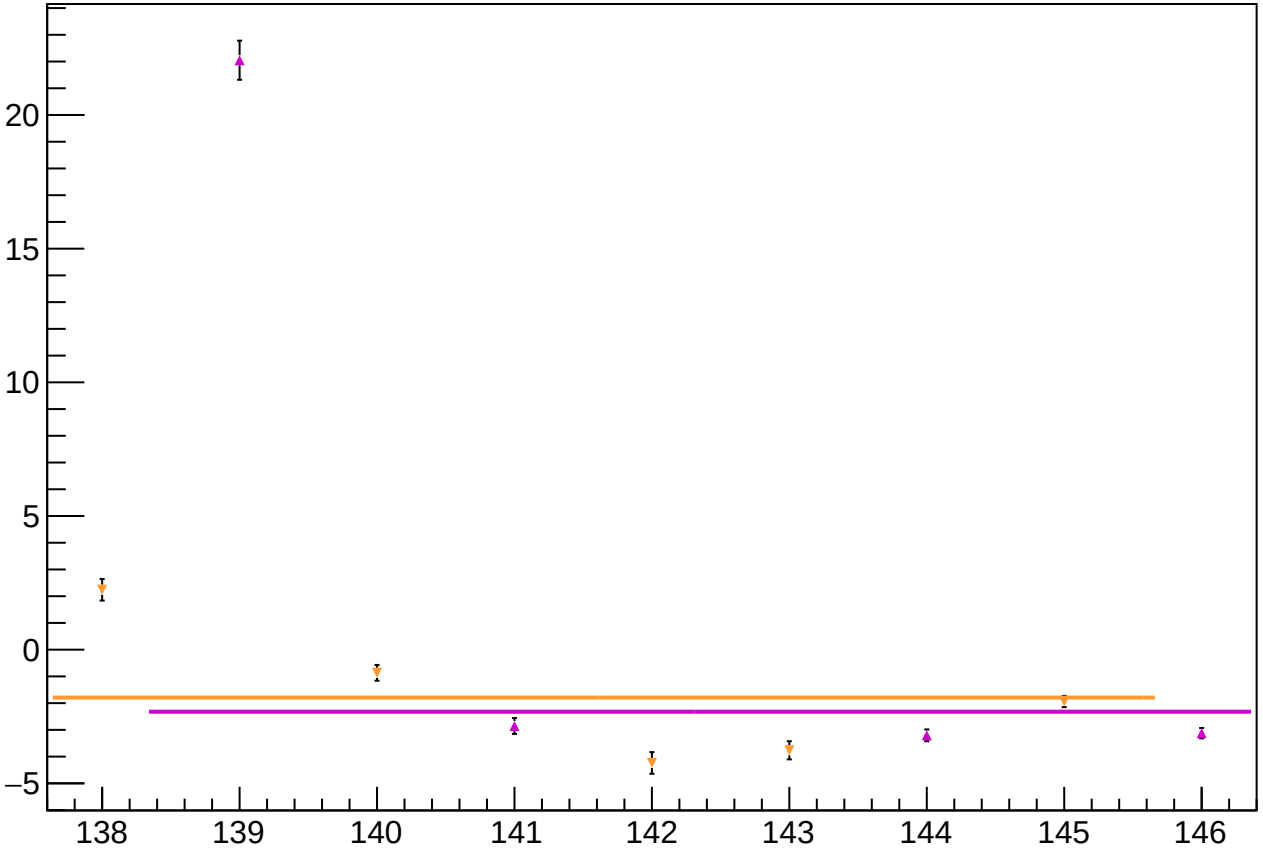
Left In: 1.518+/-0.173 χ^2/NDF:40.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.168+/-0.121 χ^2/NDF: 129.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -1.792+/-0.135 χ^2/NDF:180.0/4

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

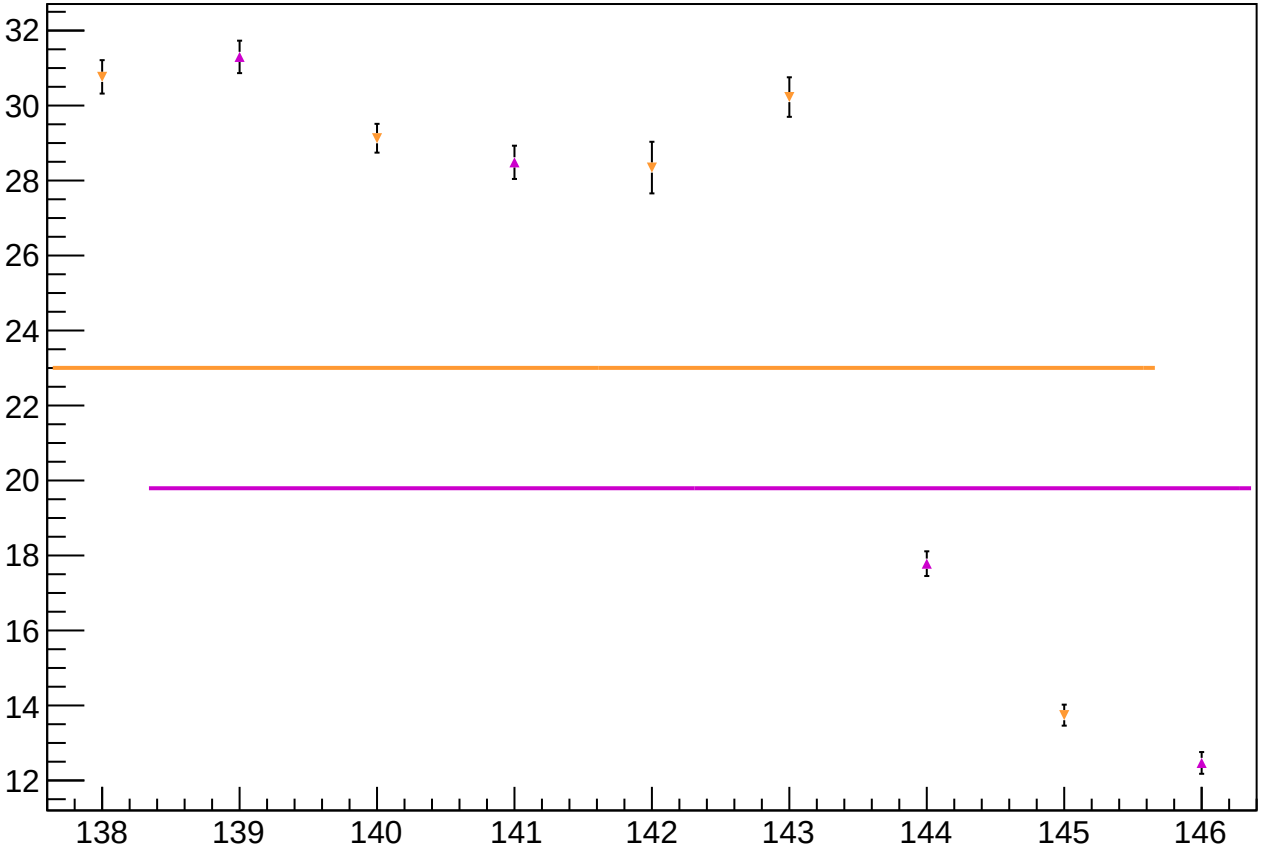
Left In: -2.321+/-0.129 χ^2/NDF:1147.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.069+/-0.093 χ^2/NDF: 1335.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 23.003+/-0.182 χ^2/NDF:1896.7/4

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

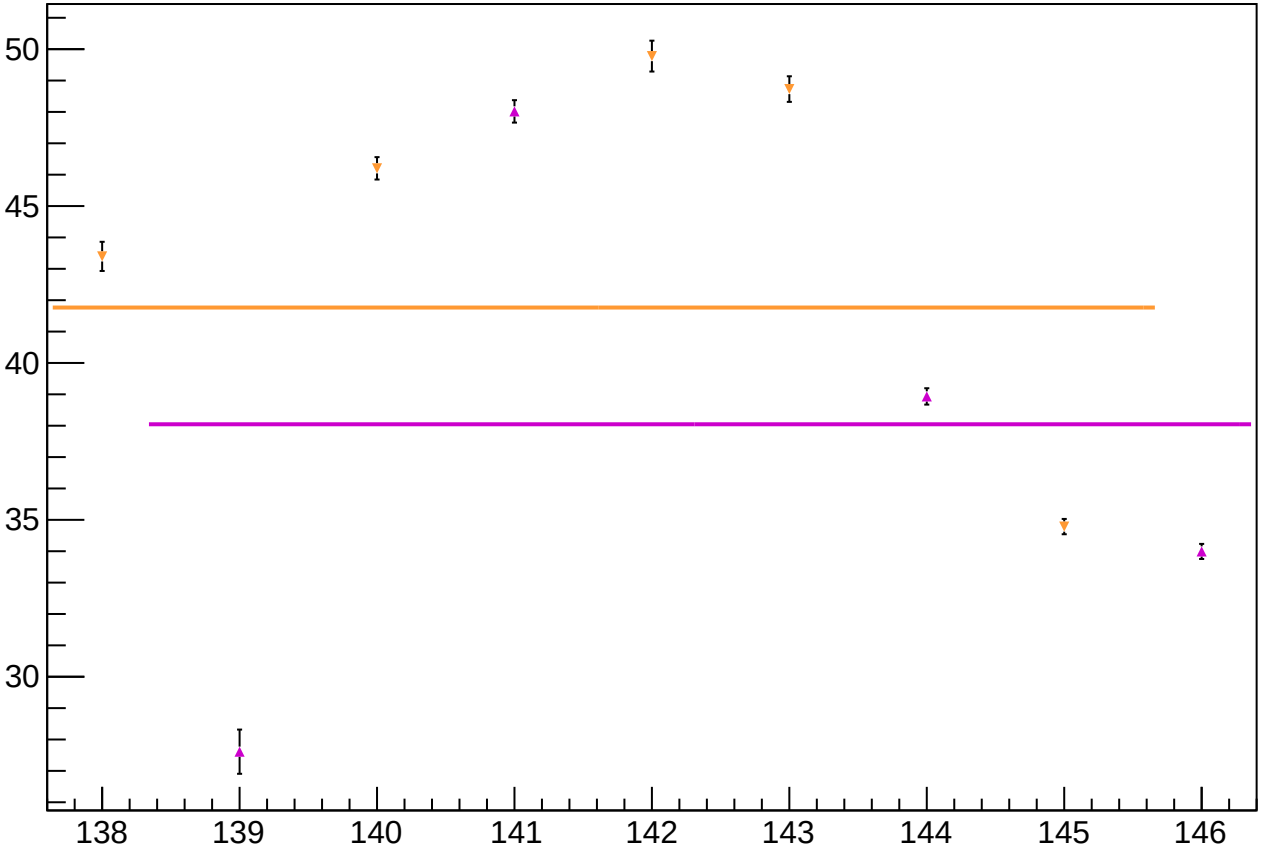
Left In: 19.793+/-0.178 χ^2/NDF:1766.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 21.365+/-0.127 χ^2/NDF: 3822.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 41.766+/-0.159 χ^2/NDF:1542.1/4

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

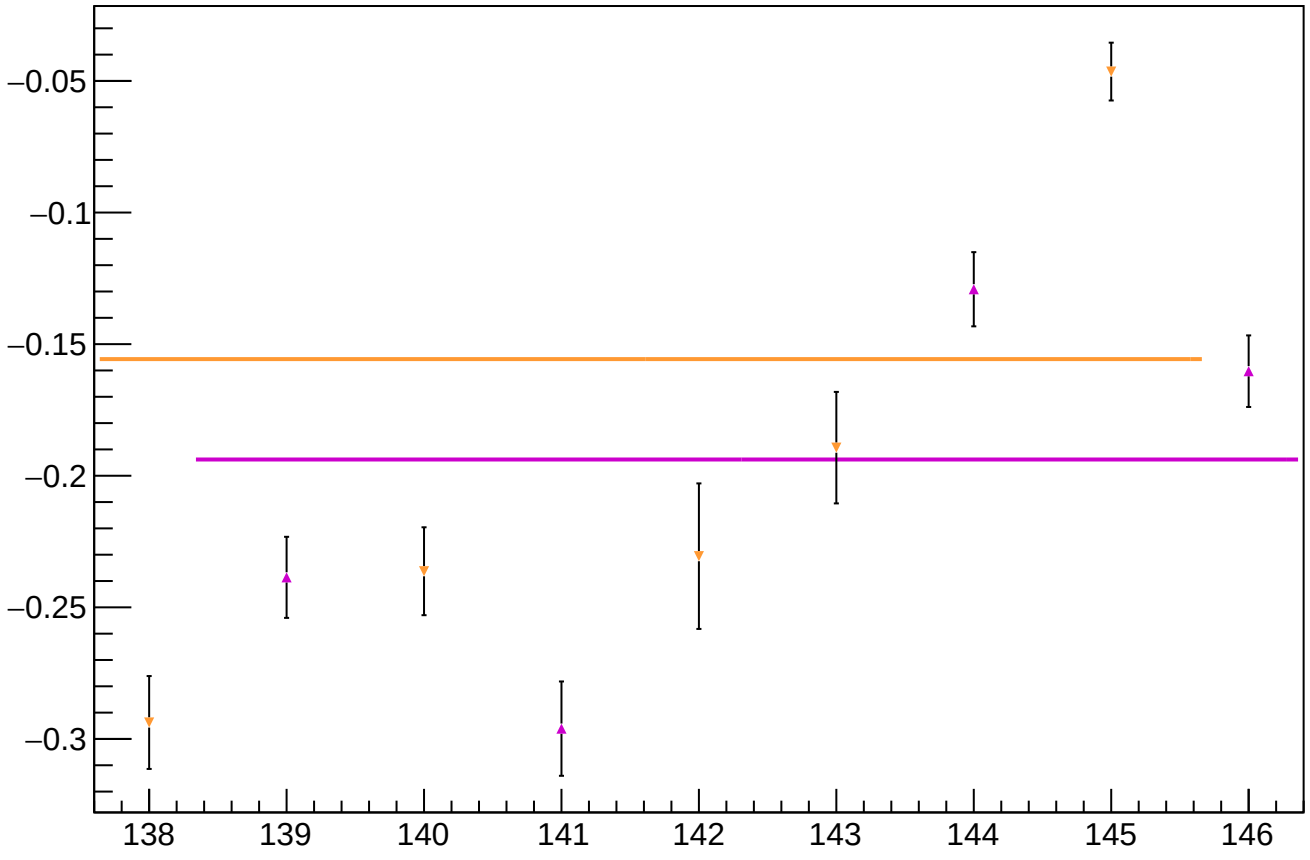
Left In: 38.046+/-0.155 χ^2/NDF:1292.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 39.851+/-0.111 χ^2/NDF: 3115.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.156+/-0.007 χ^2/NDF:193.3/4

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

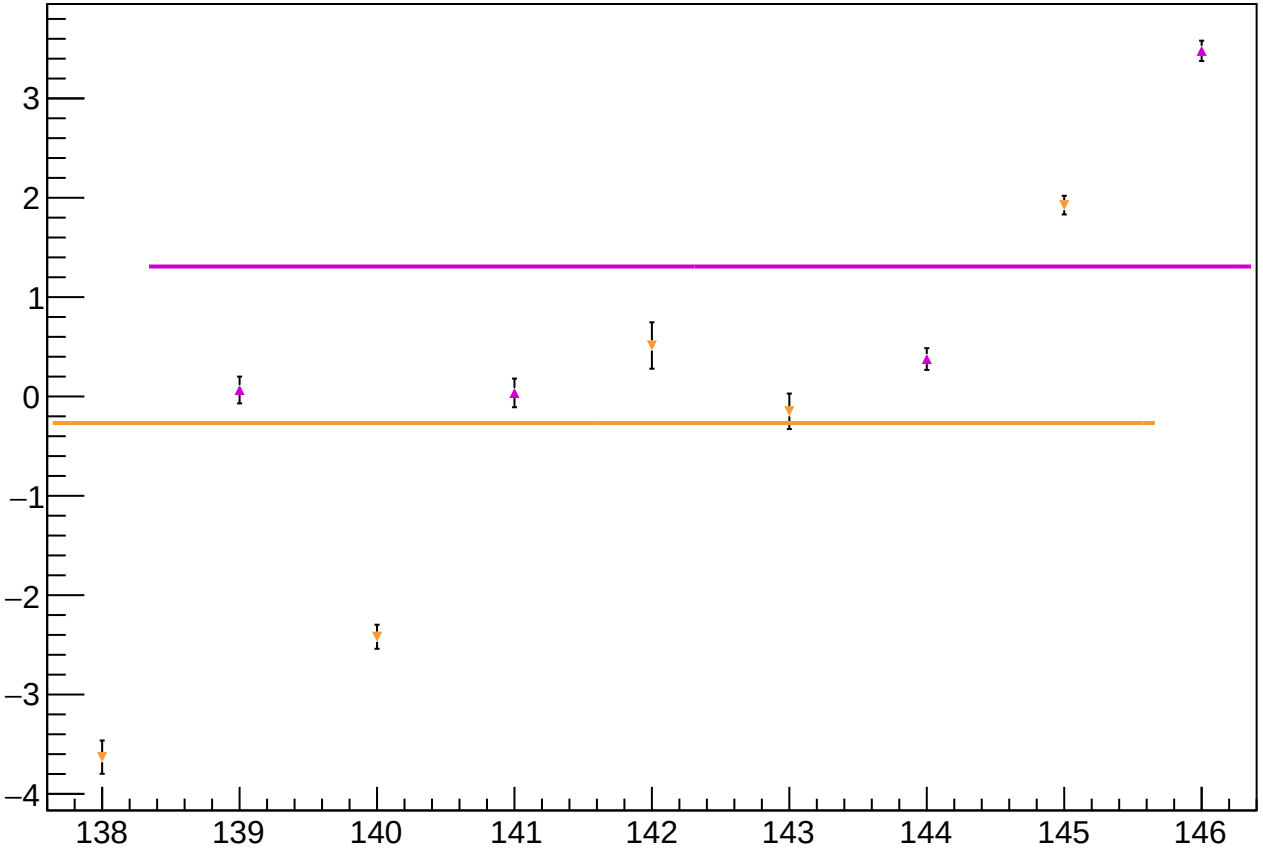
Left In: -0.194+/-0.008 χ^2/NDF:68.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.174+/-0.005 χ^2/NDF: 274.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.267+/-0.061 χ^2/NDF:1275.1/4

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

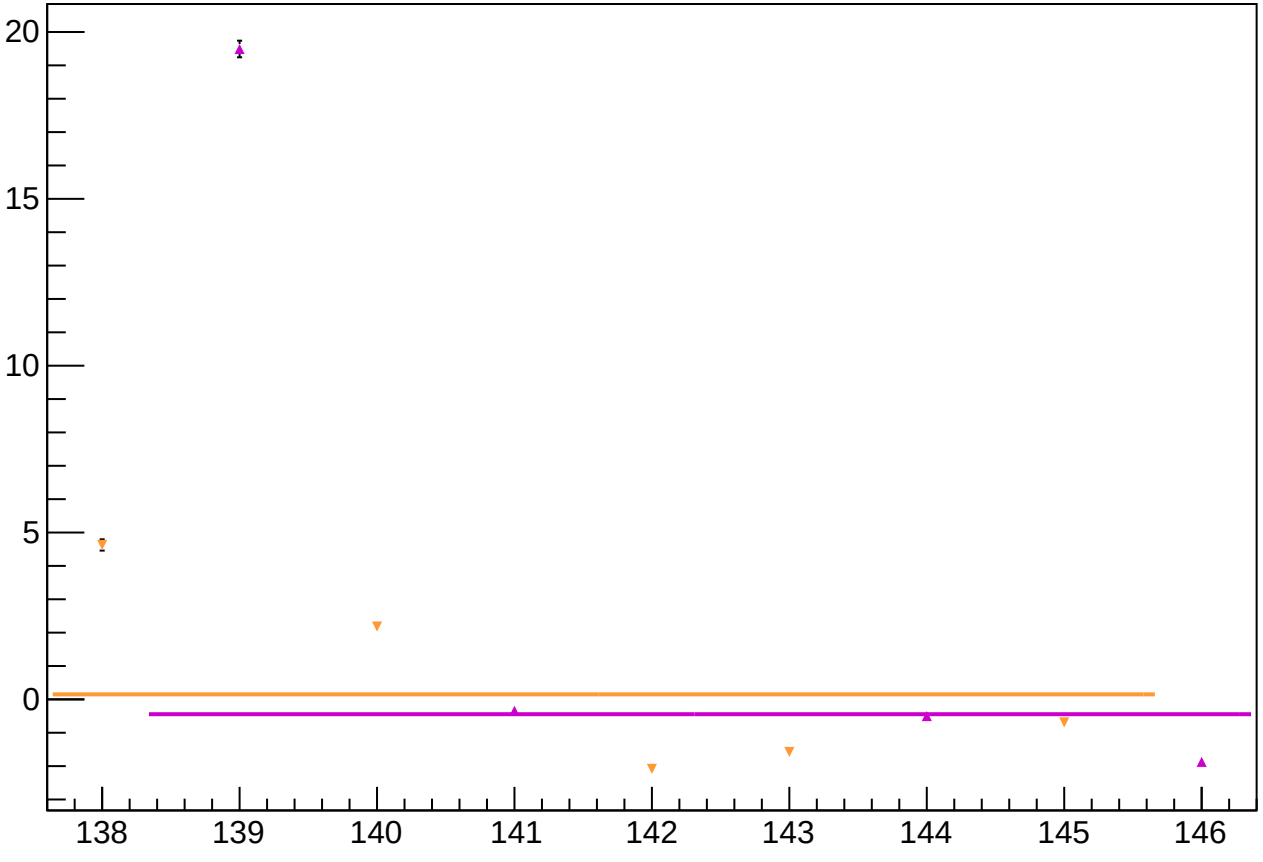
Left In: 1.308+/-0.060 χ^2/NDF:685.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.543+/-0.043 χ^2/NDF: 2301.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 0.151+/-0.049 χ^2/NDF:1657.3/4

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

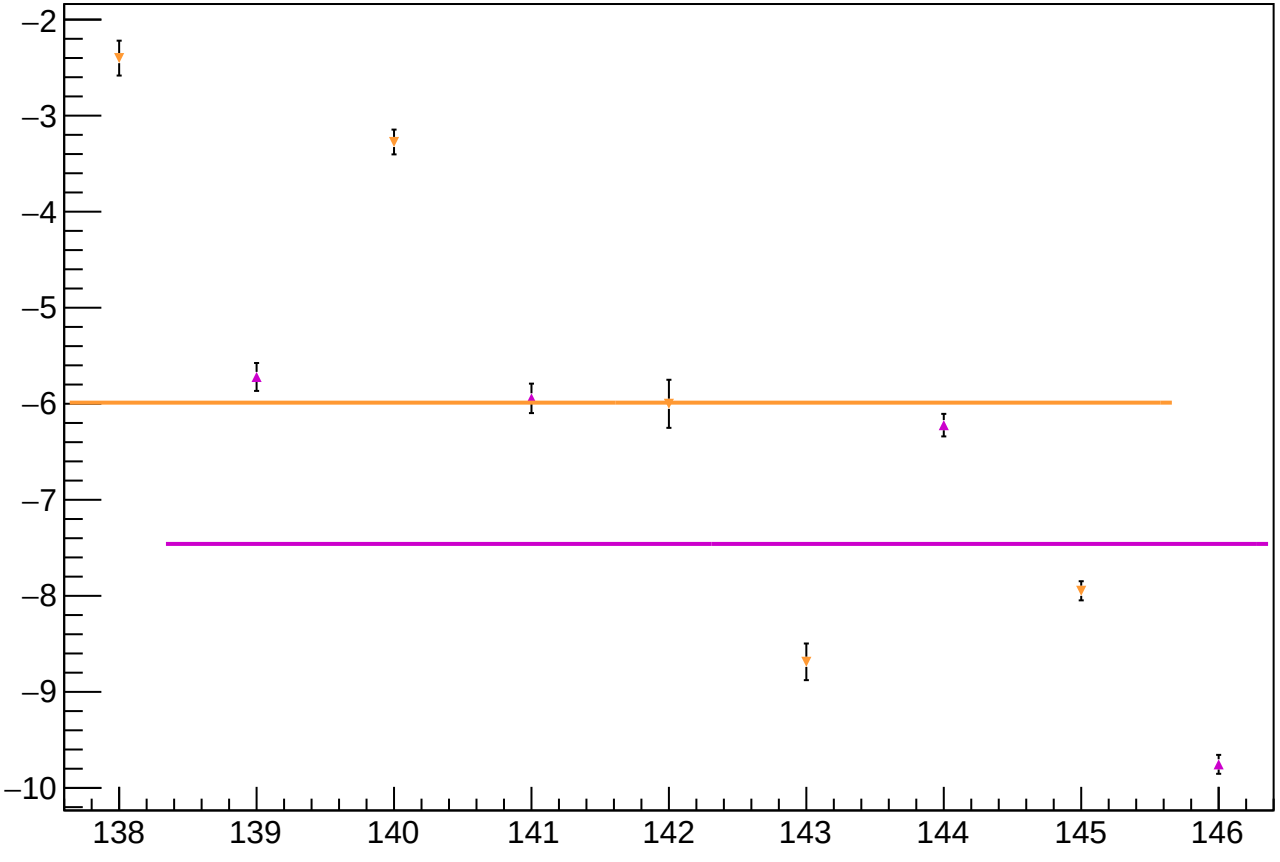
Left In: -0.444+/-0.045 χ^2/NDF:6861.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.173+/-0.033 χ^2/NDF: 8598.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: -5.988+/-0.065 χ^2/NDF:1419.3/4

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

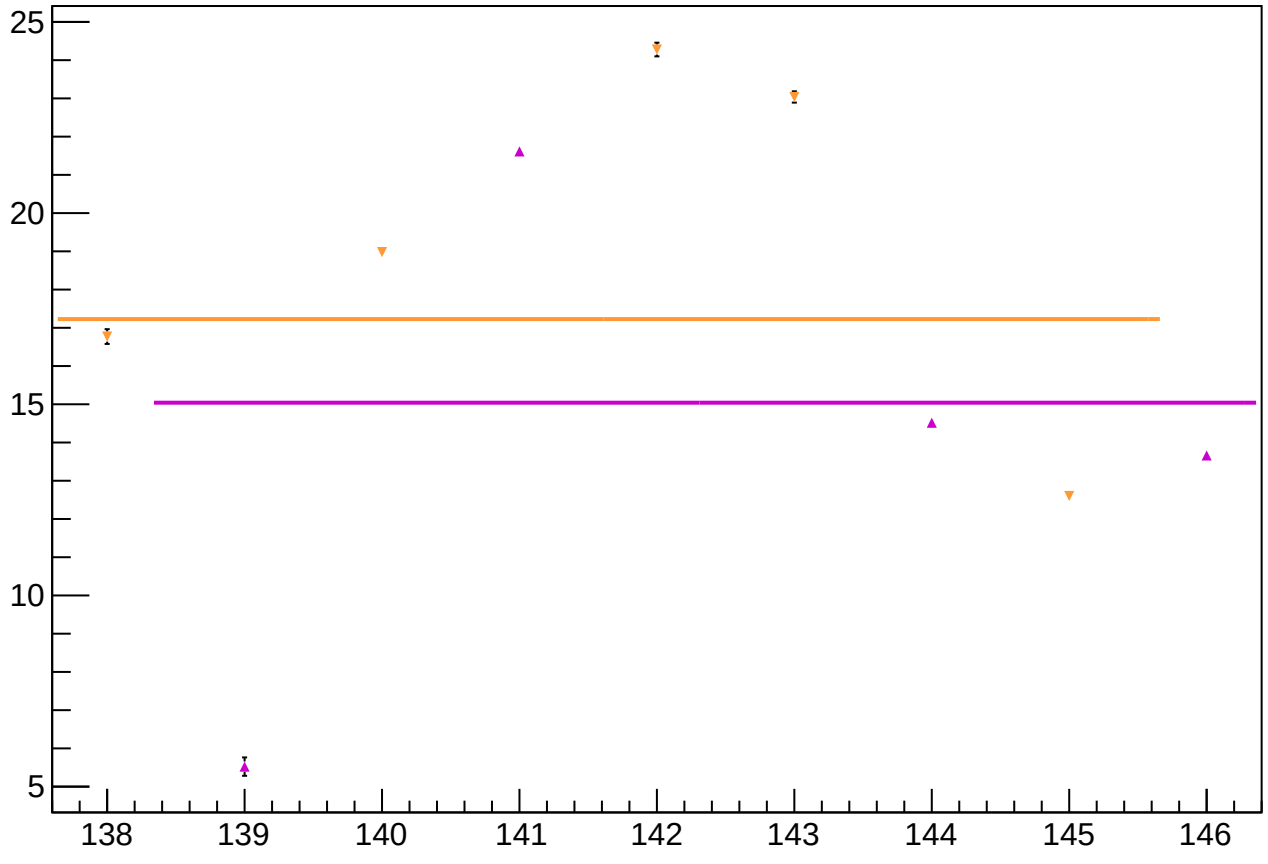
Left In: -7.459+/-0.061 χ^2/NDF:895.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.770+/-0.045 χ^2/NDF: 2583.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 17.228+/-0.058 χ^2/NDF:6056.8/4

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

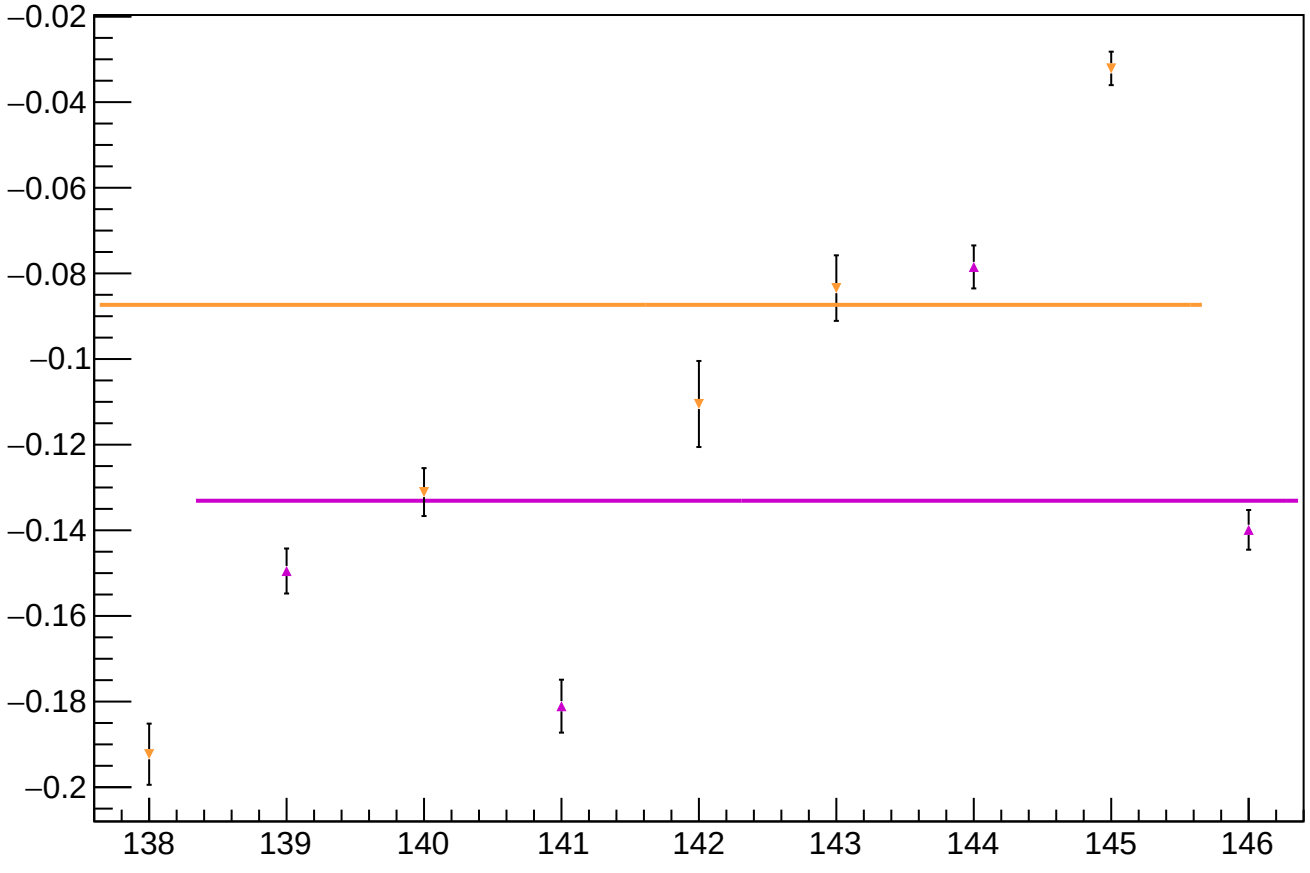
Left In: 15.041+/-0.054 χ^2/NDF:4698.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 16.058+/-0.039 χ^2/NDF: 11524.1/8

- 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: -0.087+/-0.003 χ^2/NDF:482.2/4

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

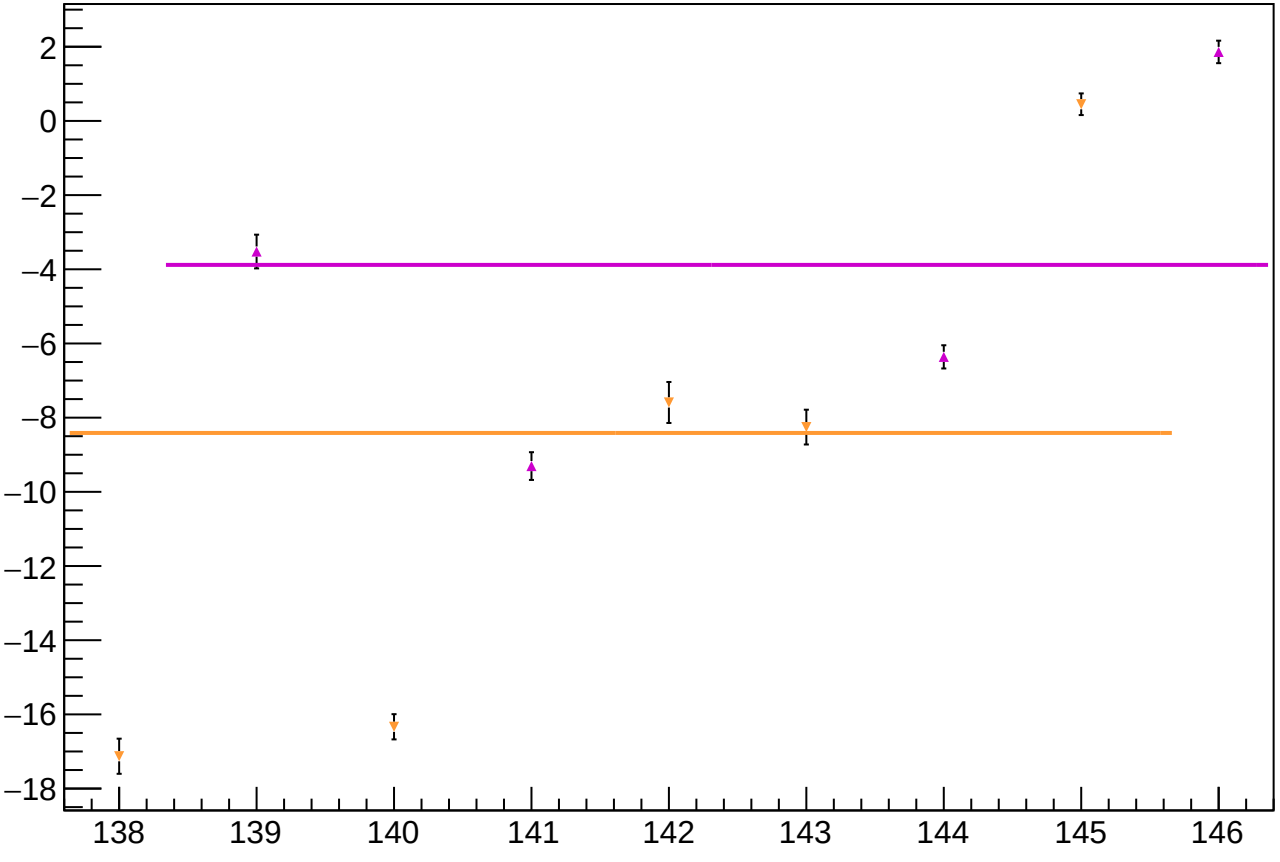
Left In: -0.133+/-0.003 χ^2/NDF:190.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.111+/-0.002 χ^2/NDF: 825.7/8

- 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: -8.412+/-0.175 χ^2/NDF:1805.4/4

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

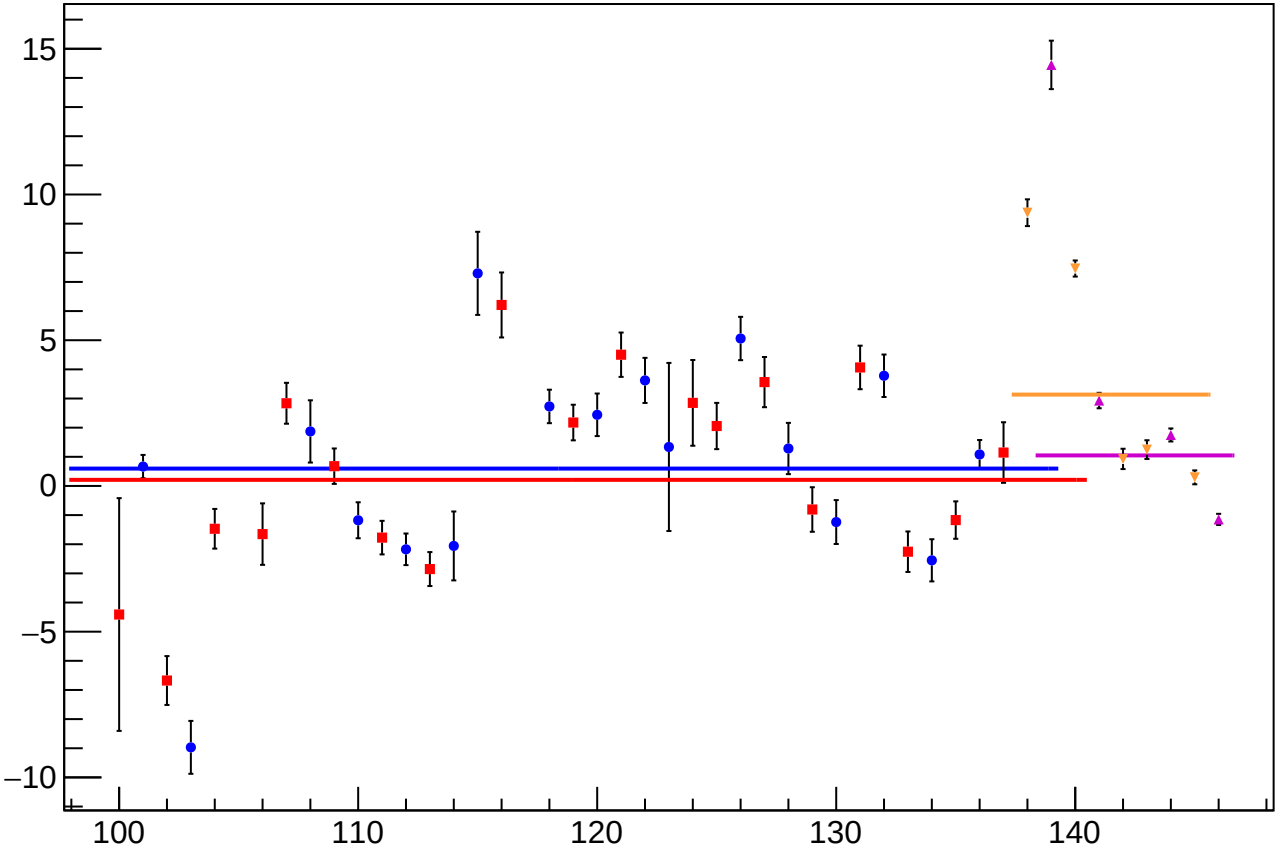
Left In: -3.881+/-0.174 χ^2/NDF:632.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.133+/-0.123 χ^2/NDF: 2774.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596+/-0.169 χ^2/NDF: 291.2/16

Left Out: 3.135+/-0.137 χ^2/NDF:645.6/4

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

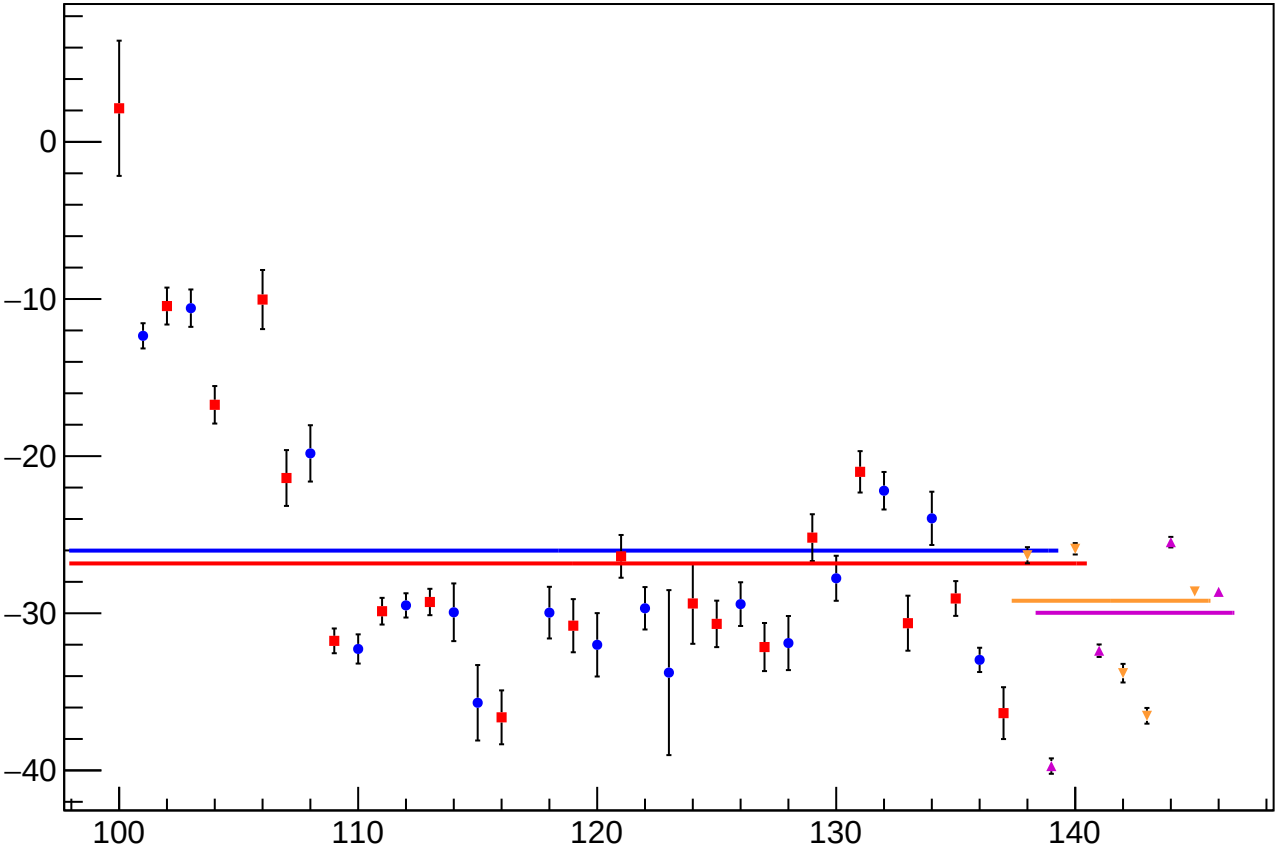
Left In: 1.048+/-0.126 χ^2/NDF:452.0/3

+ sign 2.128+/-0.106 χ^2/NDF: 1073.0/21

All: 1.416+/-0.074 χ^2/NDF: 1899.6/44

- sign 0.761+/-0.102 χ^2/NDF: 740.7/22

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -29.203+/-0.187 χ^2/NDF:393.7/4

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

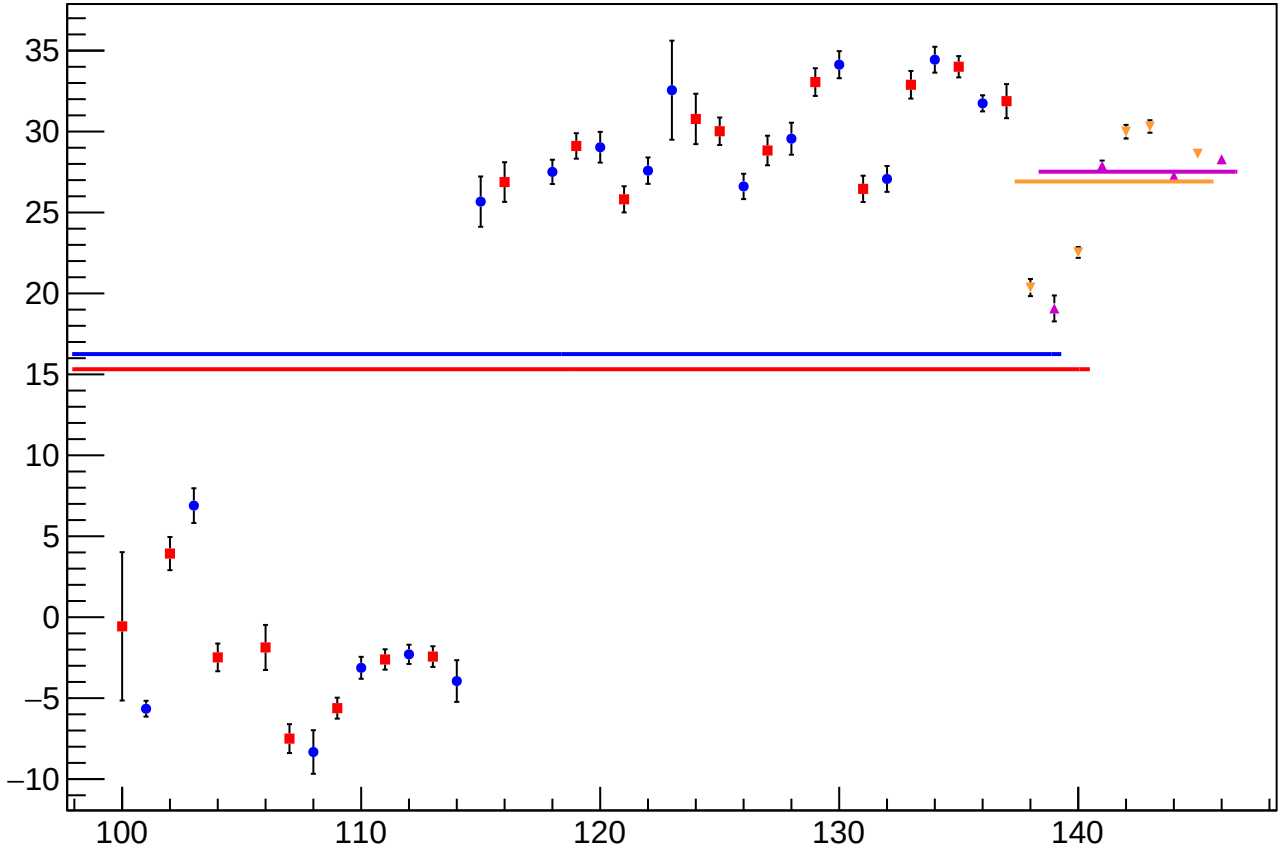
Left In: -29.970+/-0.179 χ^2/NDF:631.7/3

+ sign -28.311+/-0.158 χ^2/NDF: 1168.4/21

All: -28.735+/-0.110 χ^2/NDF: 2477.3/44

- sign -29.133+/-0.154 χ^2/NDF: 1295.0/22

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 26.916+/-0.162 χ^2/NDF:493.8/4

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

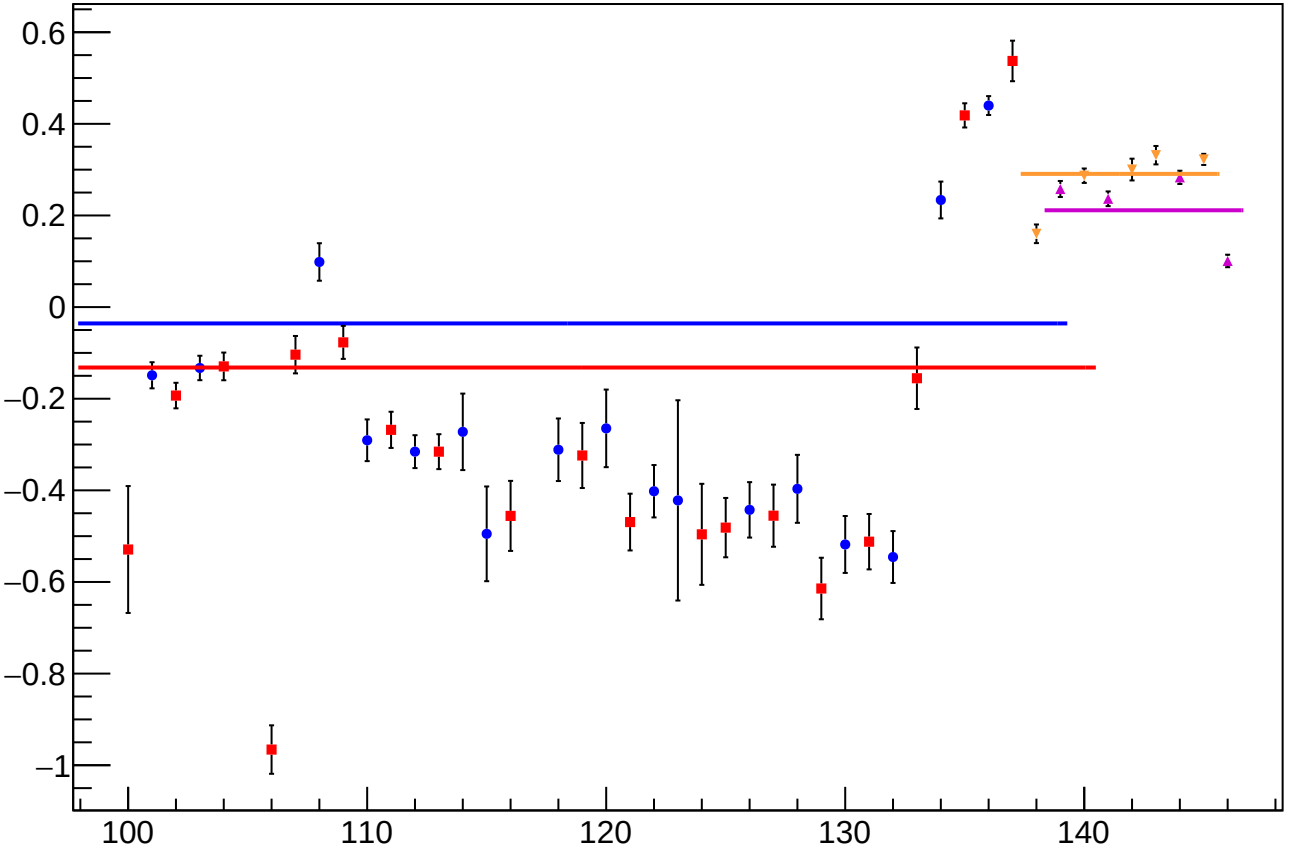
Left In: 27.520+/-0.152 χ^2/NDF:123.8/3

+ sign 22.451+/-0.124 χ^2/NDF: 9916.2/21

All: 22.710+/-0.086 χ^2/NDF: 19730.7/44

- sign 22.957+/-0.120 χ^2/NDF: 9805.9/22

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.291+/-0.008 χ^2/NDF:52.5/4

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

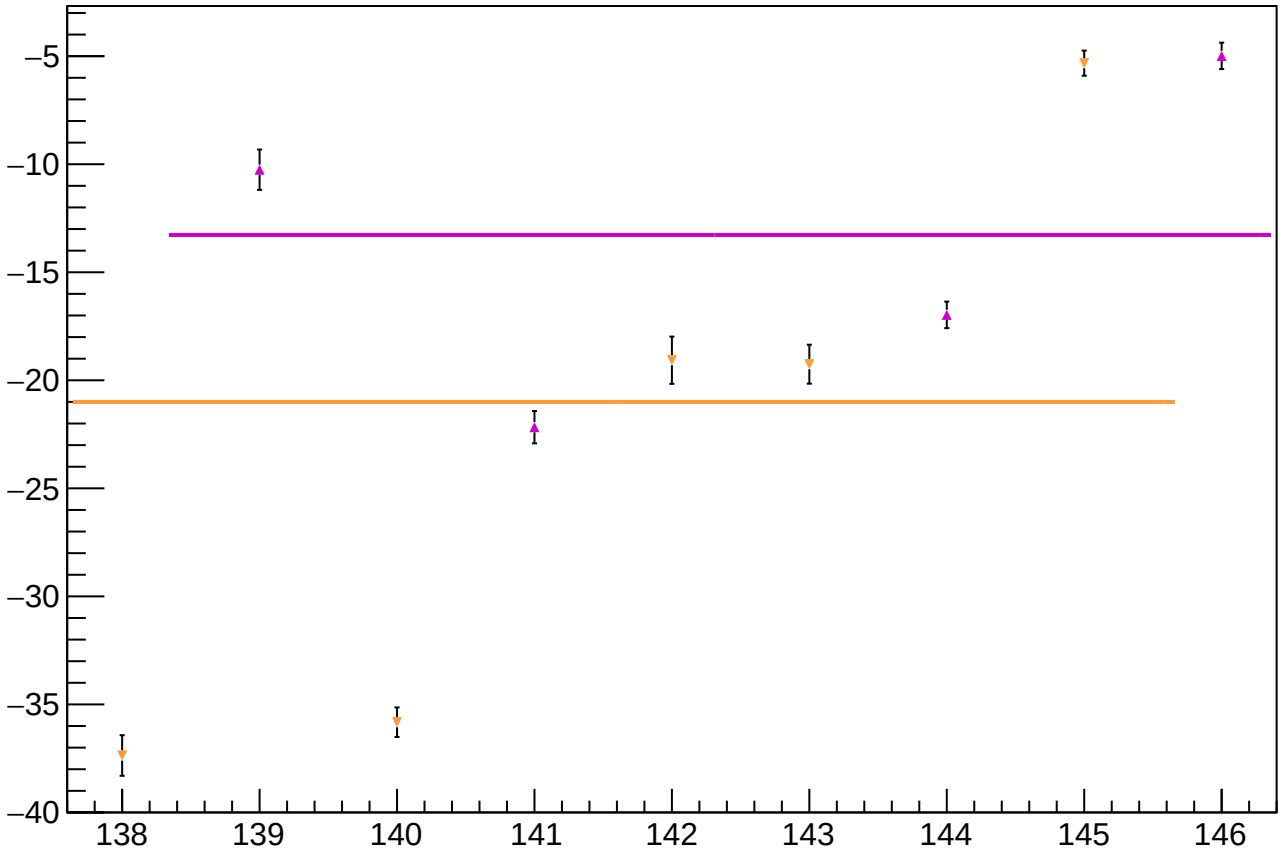
Left In: 0.211+/-0.008 χ^2/NDF:99.7/3

+ sign 0.177+/-0.006 χ^2/NDF: 1718.5/21

All: 0.134+/-0.004 χ^2/NDF: 3800.4/44

- sign 0.091+/-0.006 χ^2/NDF: 1984.0/22

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -21.002+/-0.347 χ^2/NDF:1505.9/4

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

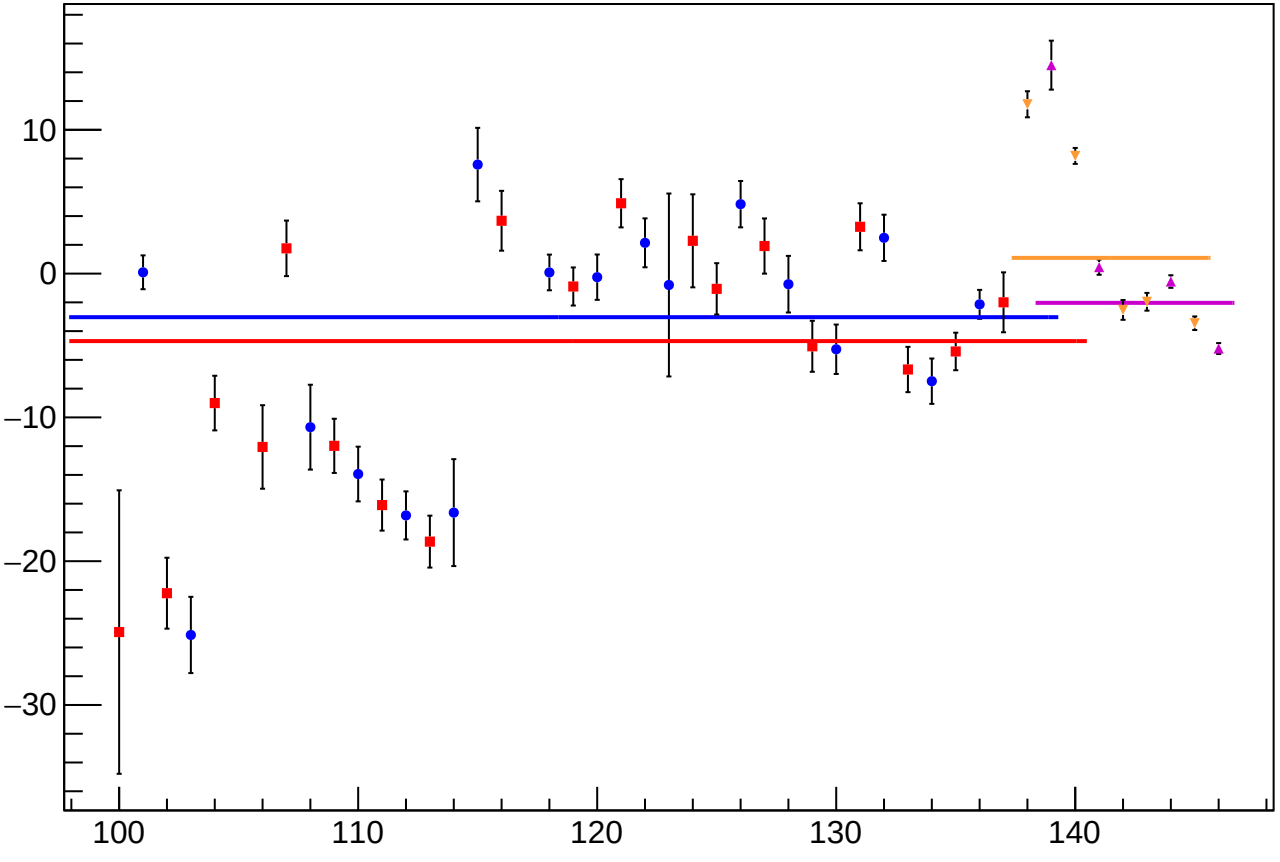
Left In: -13.273+/-0.348 χ^2/NDF:372.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.142+/-0.246 χ^2/NDF: 2125.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030+/-0.408 χ^2/NDF: 280.8/16

Left Out: 1.094+/-0.270 χ^2/NDF:446.5/4

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

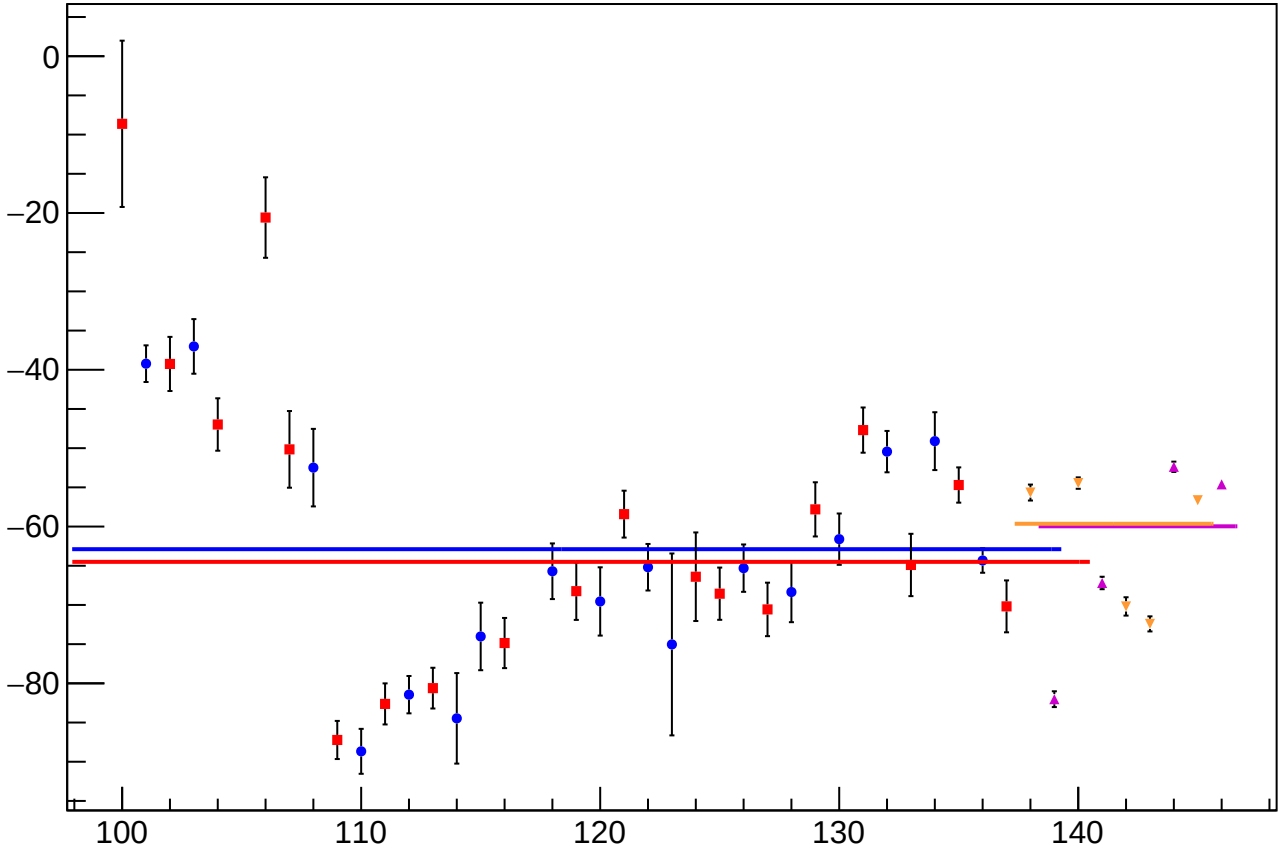
Left In: -2.034+/-0.249 χ^2/NDF:198.5/3

+ sign -0.167+/-0.225 χ^2/NDF: 798.4/21

All: -1.498+/-0.156 χ^2/NDF: 1390.8/44

- sign -2.710+/-0.215 χ^2/NDF: 525.7/22

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -59.644+/-0.371 χ^2/NDF:346.9/4

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

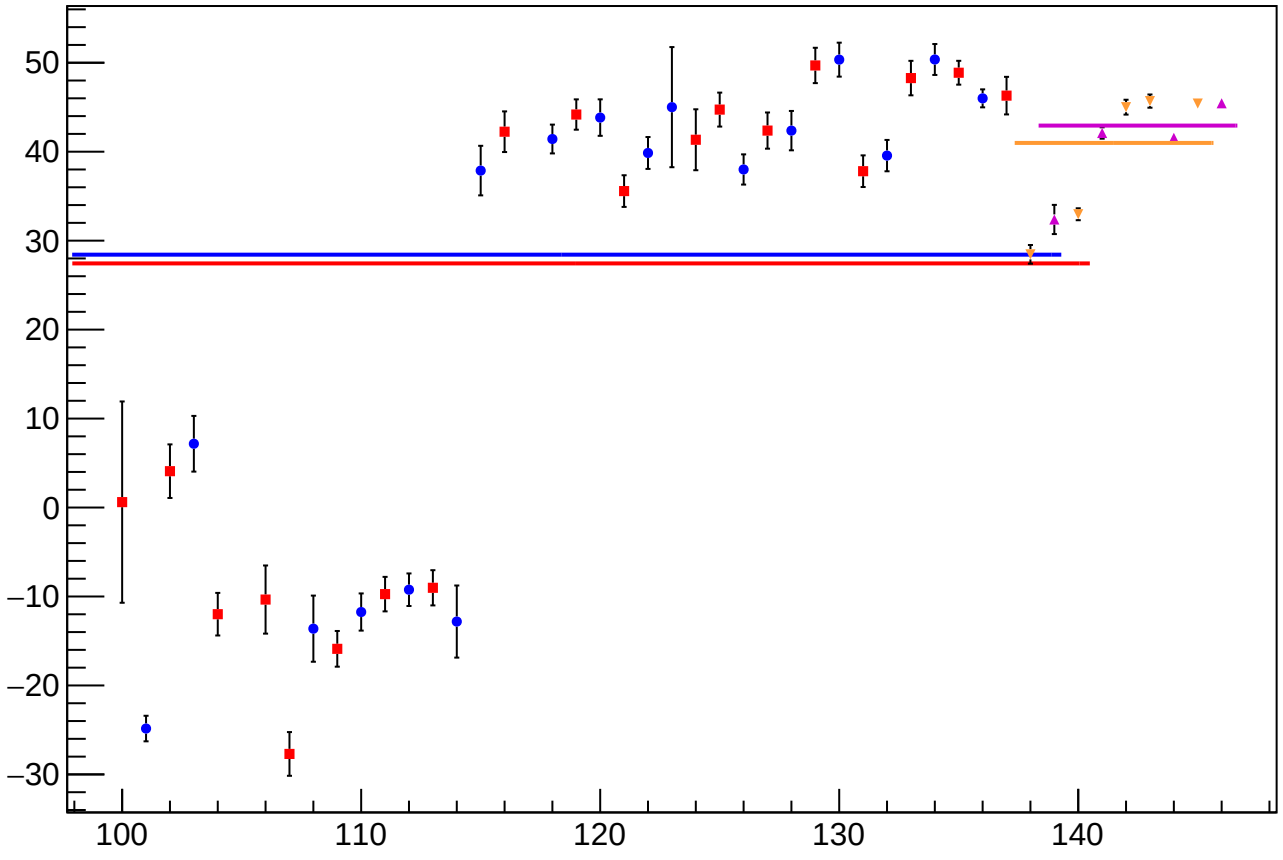
Left In: -59.969+/-0.359 χ^2/NDF:777.0/3

+ sign -60.297+/-0.331 χ^2/NDF: 731.1/21

All: -60.559+/-0.231 χ^2/NDF: 1983.1/44

- sign -60.810+/-0.324 χ^2/NDF: 1250.7/22

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 40.986+/-0.320 χ^2/NDF:414.4/4

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

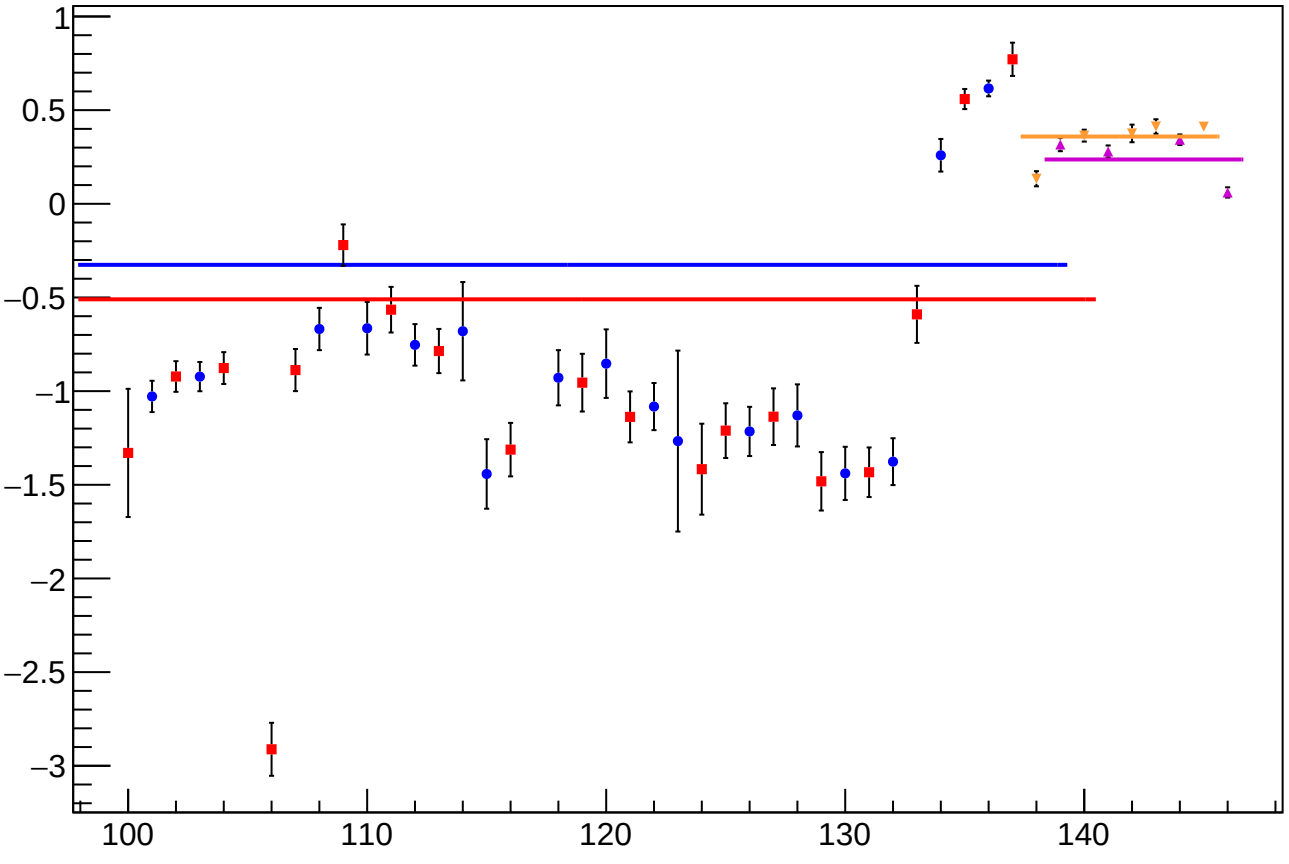
Left In: 42.935+/-0.302 χ^2/NDF:77.8/3

+ sign 36.847+/-0.262 χ^2/NDF: 4251.1/21

All: 37.704+/-0.183 χ^2/NDF: 8131.8/44

- sign 38.518+/-0.256 χ^2/NDF: 3859.9/22

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.359+/-0.015 χ^2/NDF:37.9/4

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

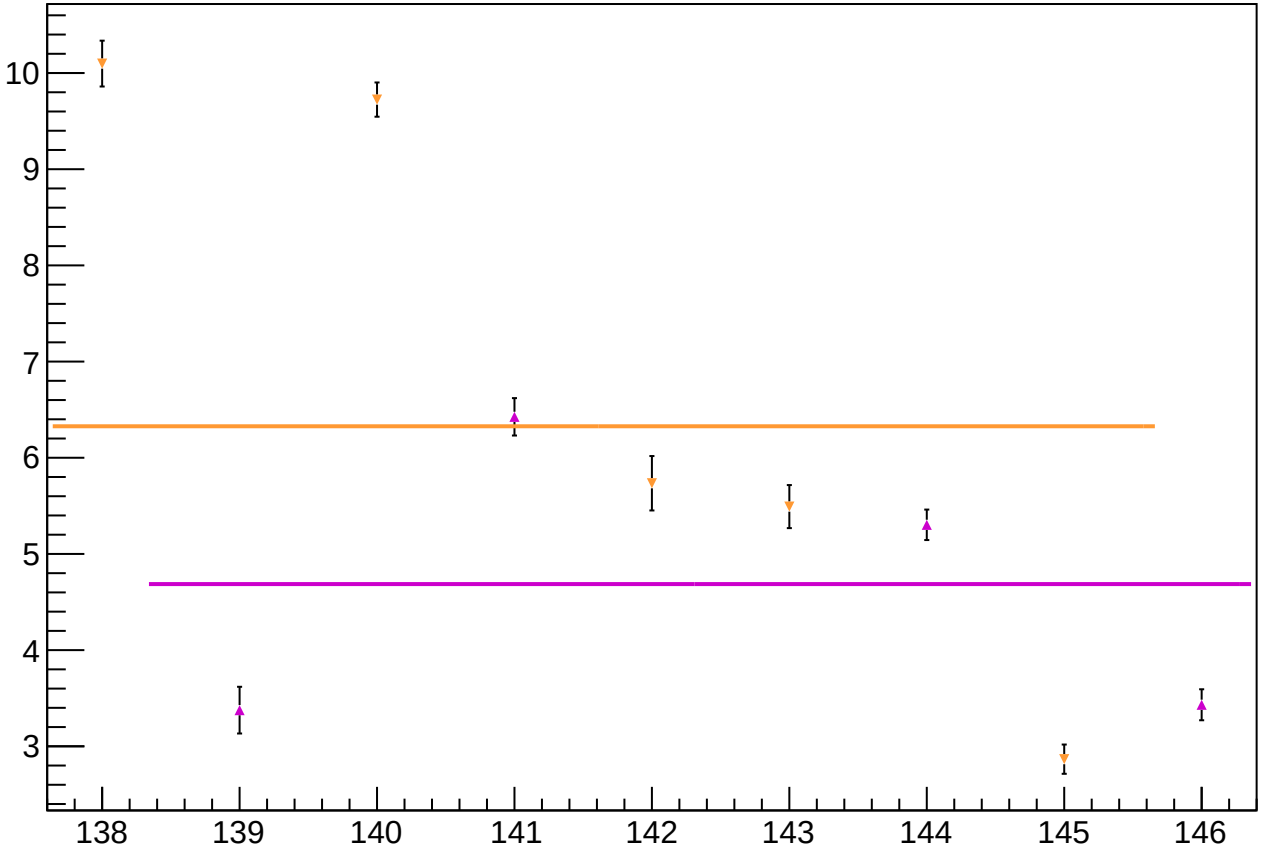
Left In: 0.237+/-0.015 χ^2/NDF:61.7/3

+ sign 0.176+/-0.013 χ^2/NDF: 1605.7/21

All: 0.111+/-0.009 χ^2/NDF: 3514.3/44

- sign 0.043+/-0.013 χ^2/NDF: 1855.6/22

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 6.327+/-0.090 χ^2/NDF:1150.1/4

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

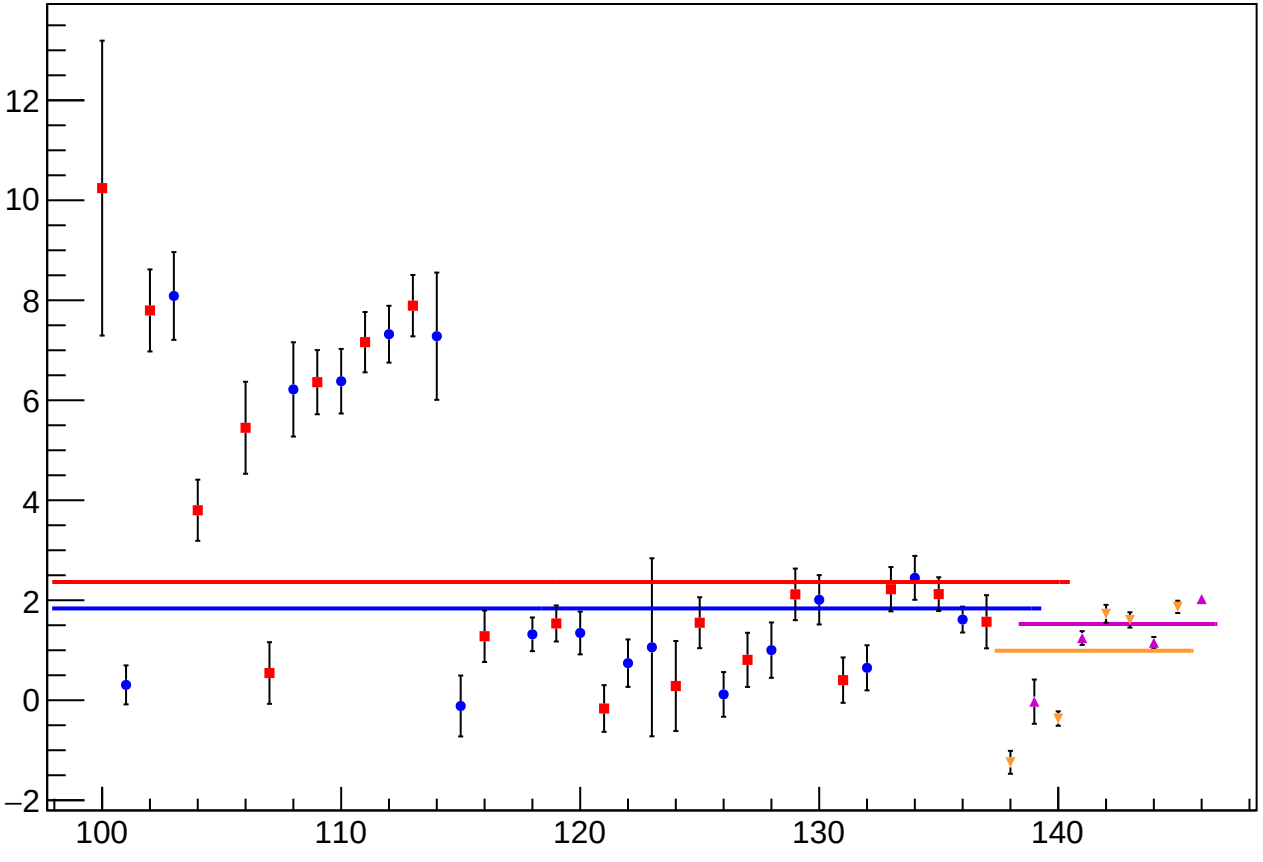
Left In: 4.687+/-0.091 χ^2/NDF:184.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.517+/-0.064 χ^2/NDF: 1500.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 0.990+/-0.069 χ^2/NDF:267.2/4

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

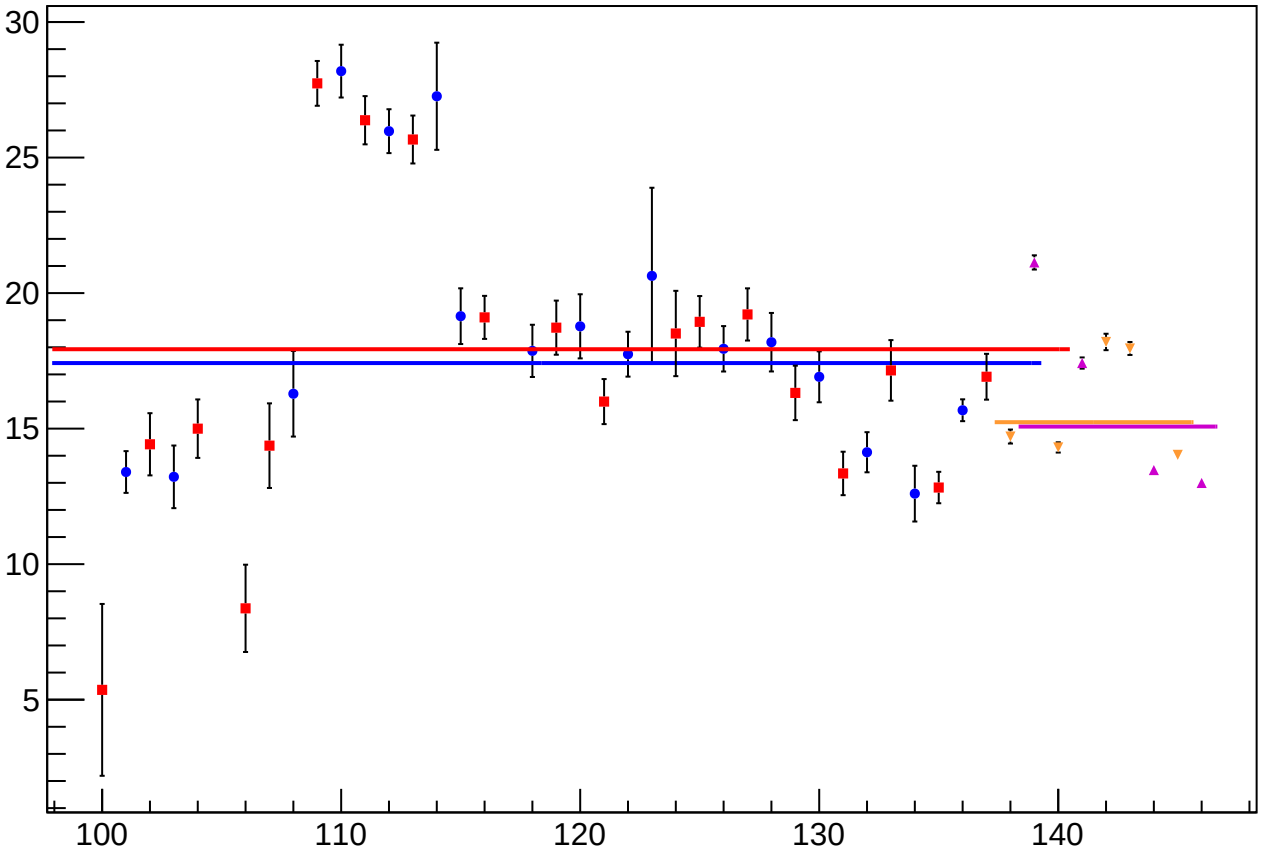
Left In: 1.525+/-0.064 χ^2/NDF:53.4/3

+ sign 1.213+/-0.060 χ^2/NDF: 601.2/21

All: 1.471+/-0.041 χ^2/NDF: 1063.6/44

- sign 1.707+/-0.057 χ^2/NDF: 426.6/22

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 15.238+/-0.096 χ^2/NDF:309.0/4

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

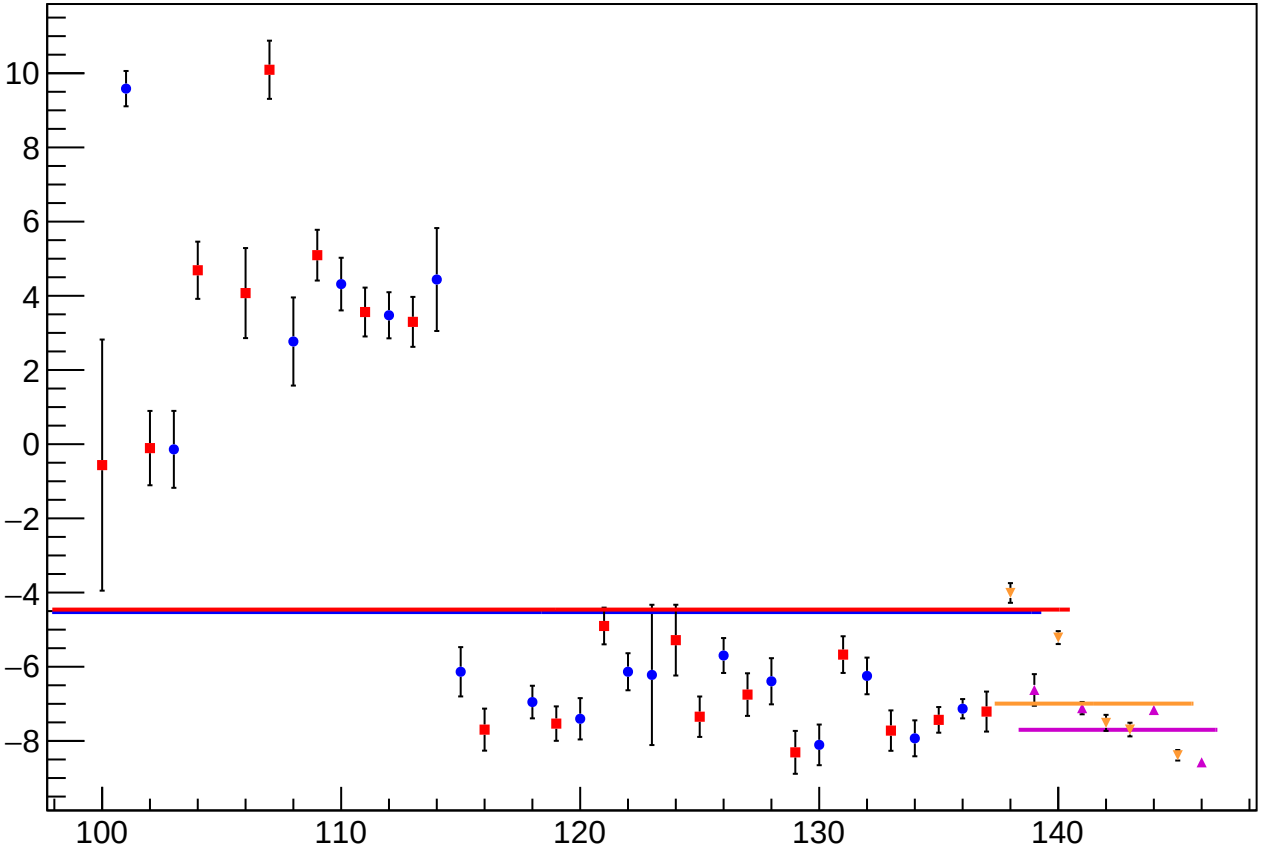
Left In: 15.076+/-0.093 χ^2/NDF:930.9/3

+ sign 15.607+/-0.087 χ^2/NDF: 764.0/21

All: 15.561+/-0.061 χ^2/NDF: 2345.5/44

- sign 15.516+/-0.086 χ^2/NDF: 1580.9/22

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526+/-0.130 χ^2/NDF: 1590.2/16

Left Out: -6.994+/-0.082 χ^2/NDF:346.5/4

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

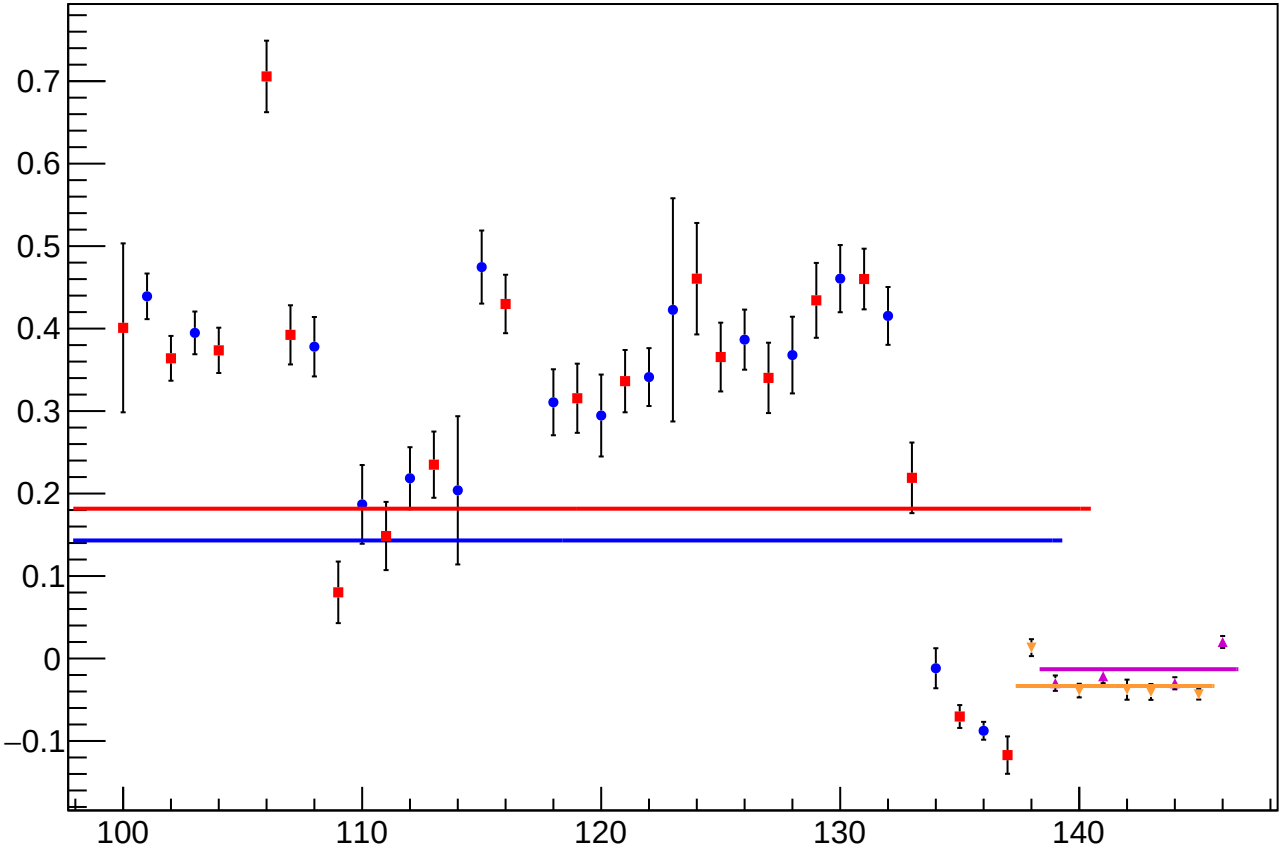
Left In: -7.700+/-0.078 χ^2/NDF:84.5/3

+ sign -6.283+/-0.069 χ^2/NDF: 2195.2/21

All: -6.598+/-0.049 χ^2/NDF: 4080.2/44

- sign -6.899+/-0.068 χ^2/NDF: 1844.9/22

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143+/-0.007 χ^2/NDF: 1060.4/16

Left Out: -0.033+/-0.004 χ^2/NDF:24.2/4

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

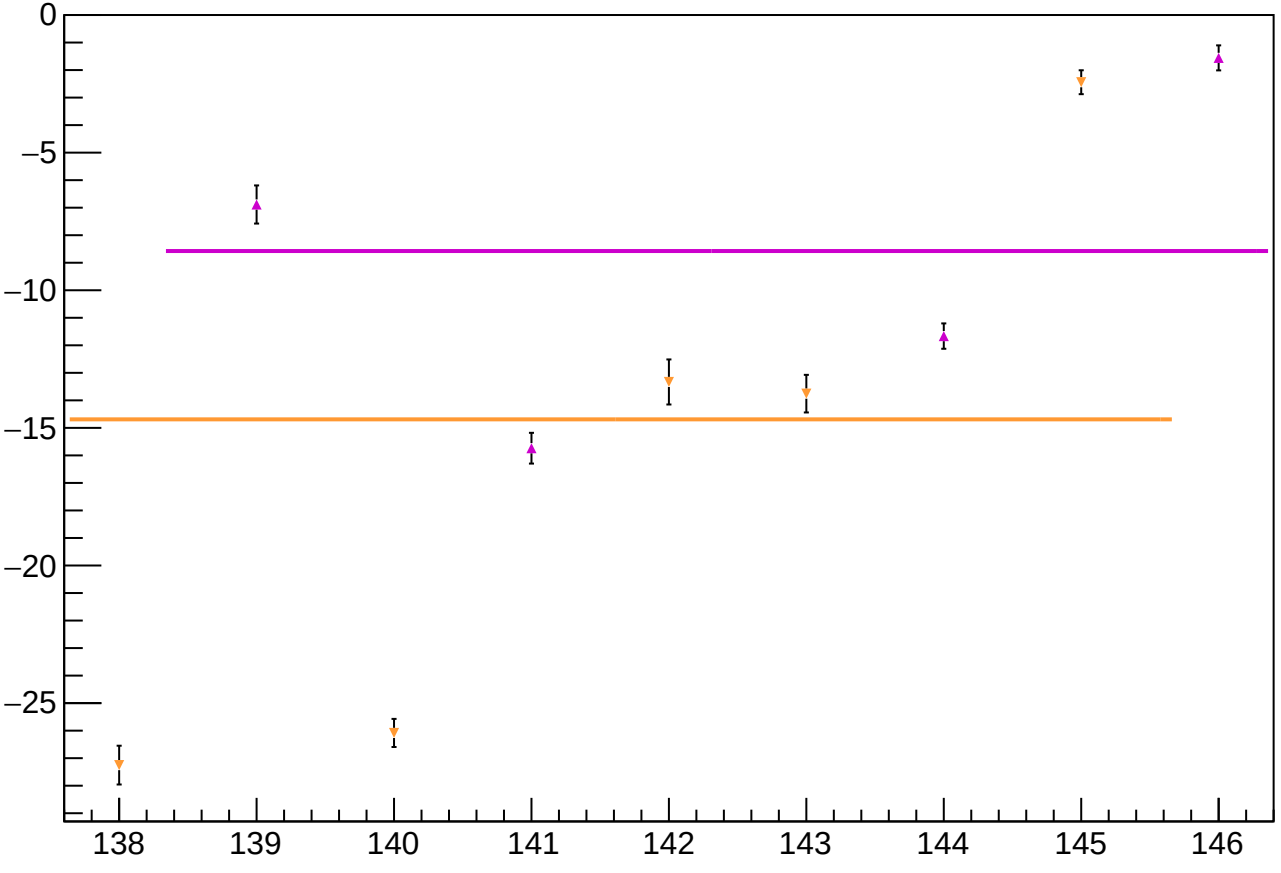
Left In: -0.013+/-0.004 χ^2/NDF:30.6/3

+ sign 0.008+/-0.003 χ^2/NDF: 1565.6/21

All: 0.019+/-0.002 χ^2/NDF: 3165.1/44

- sign 0.031+/-0.003 χ^2/NDF: 1577.3/22

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -14.690+/-0.260 χ^2/NDF:1616.3/4

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

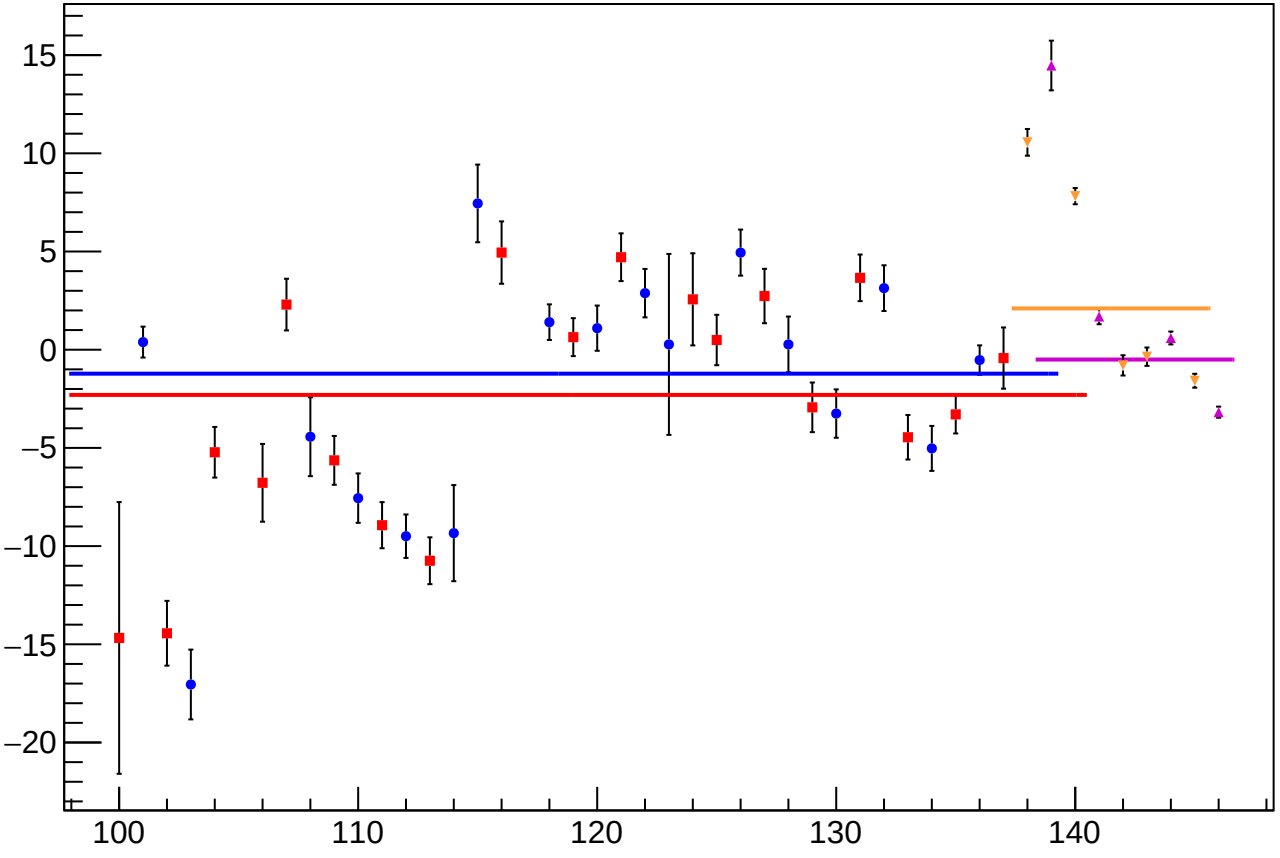
Left In: -8.575+/-0.260 χ^2/NDF:453.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.627+/-0.184 χ^2/NDF: 2347.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 2.102+/-0.203 χ^2/NDF:512.4/4

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

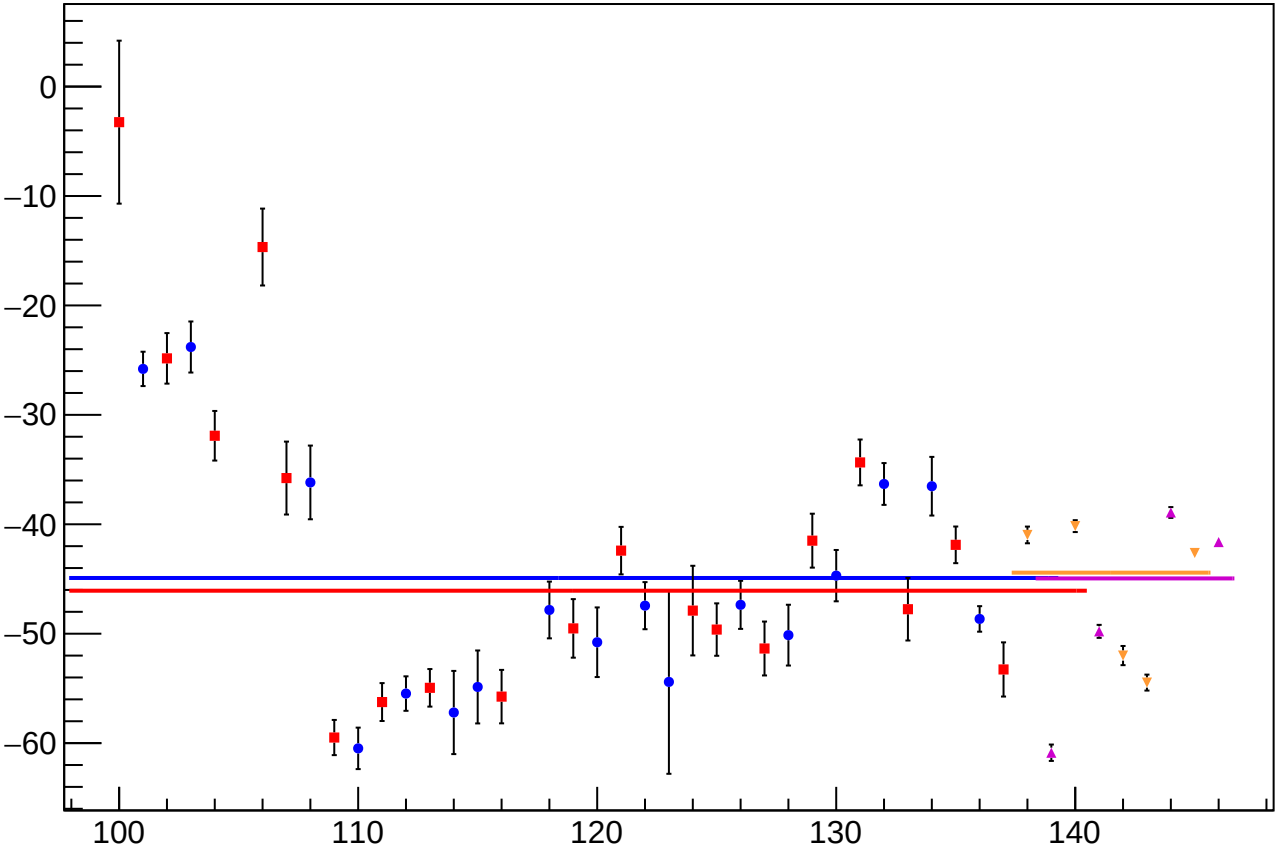
Left In: -0.501+/-0.186 χ^2/NDF:271.8/3

+ sign 1.011+/-0.166 χ^2/NDF: 879.2/21

All: -0.039+/-0.115 χ^2/NDF: 1539.2/44

- sign -0.997+/-0.159 χ^2/NDF: 583.8/22

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -44.420+/-0.277 χ^2/NDF:361.5/4

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

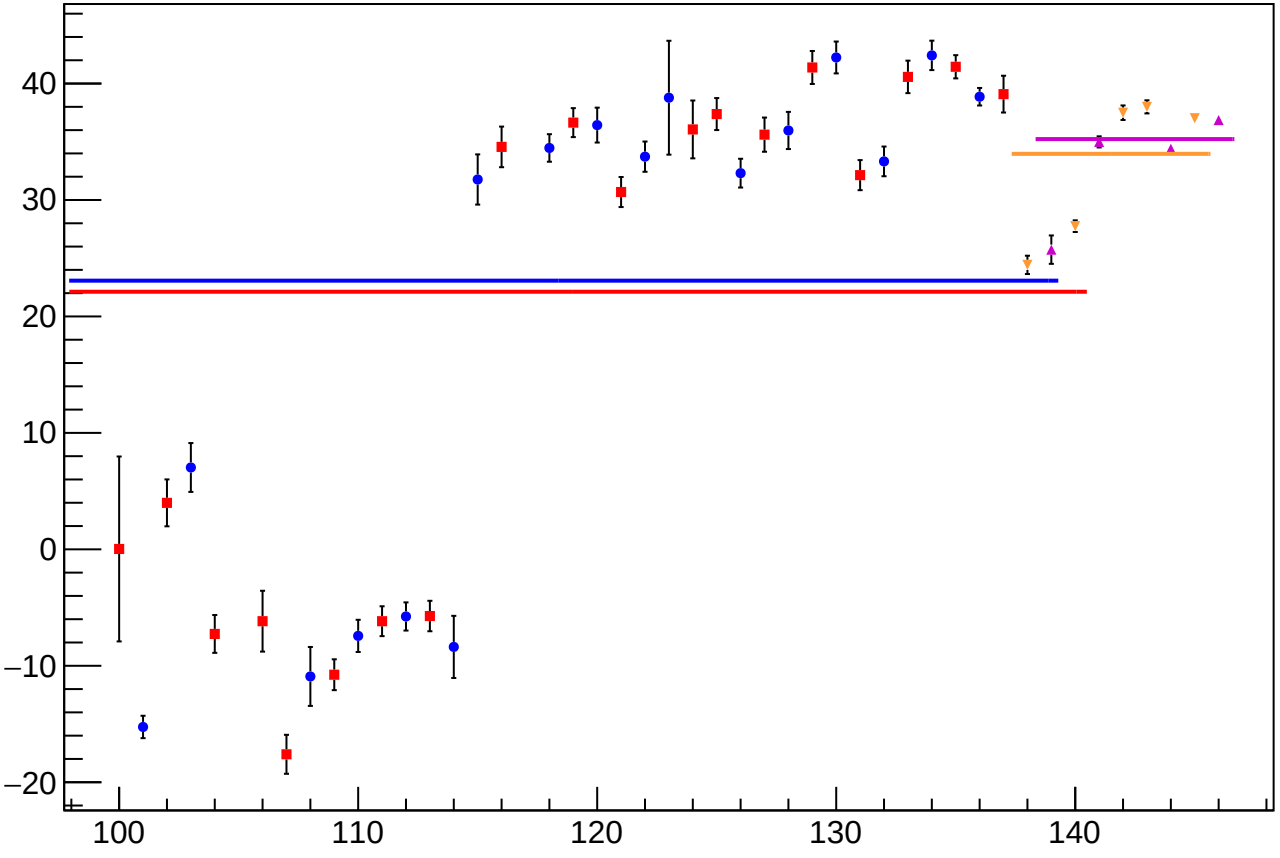
Left In: -44.948+/-0.268 χ^2/NDF:726.0/3

+ sign -44.527+/-0.245 χ^2/NDF: 783.4/21

All: -44.861+/-0.171 χ^2/NDF: 1970.6/44

- sign -45.178+/-0.239 χ^2/NDF: 1183.6/22

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 33.964+/-0.240 χ^2/NDF:440.1/4

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

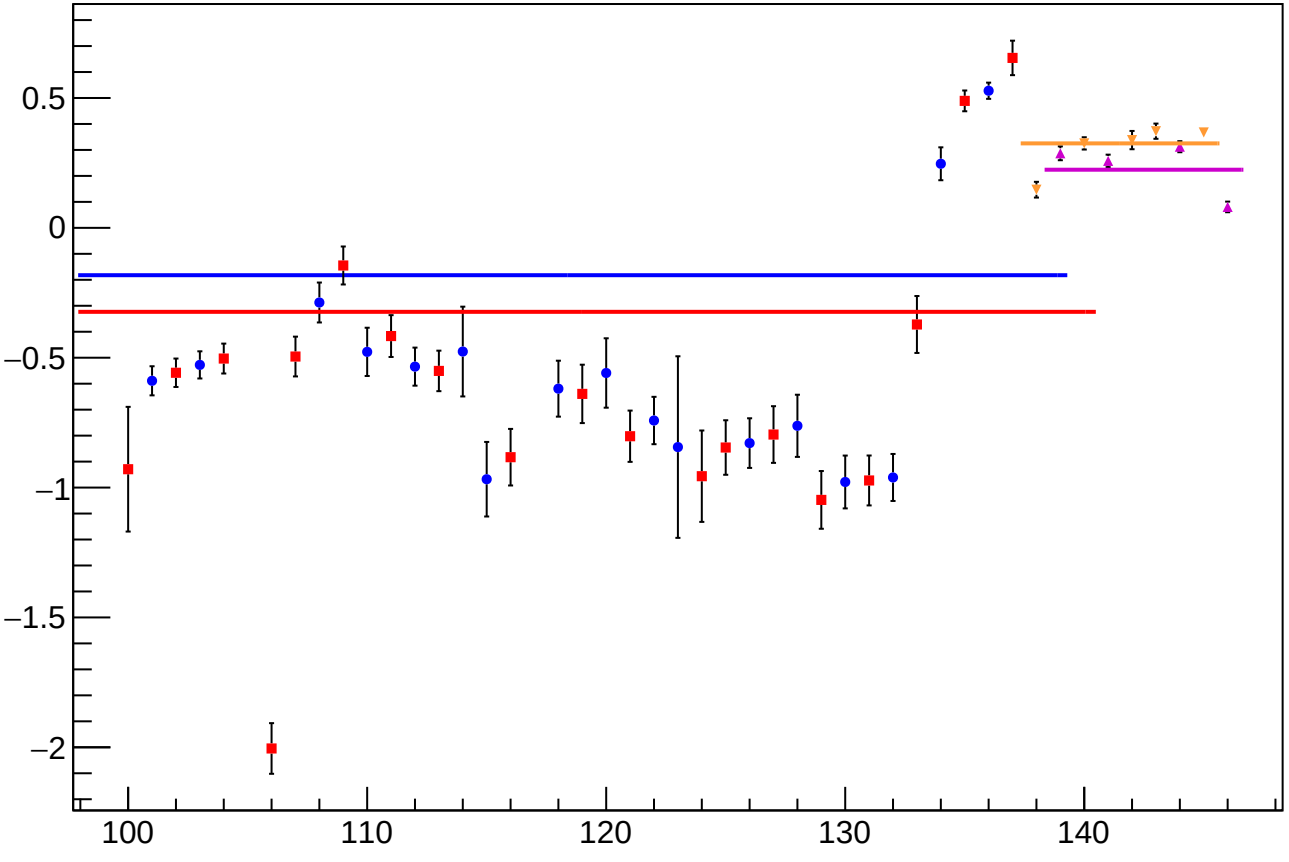
Left In: 35.231+/-0.226 χ^2/NDF:86.6/3

+ sign 30.132+/-0.193 χ^2/NDF: 5509.4/21

All: 30.685+/-0.135 χ^2/NDF: 10677.5/44

- sign 31.209+/-0.188 χ^2/NDF: 5152.2/22

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.325+/-0.011 χ^2/NDF:42.8/4

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

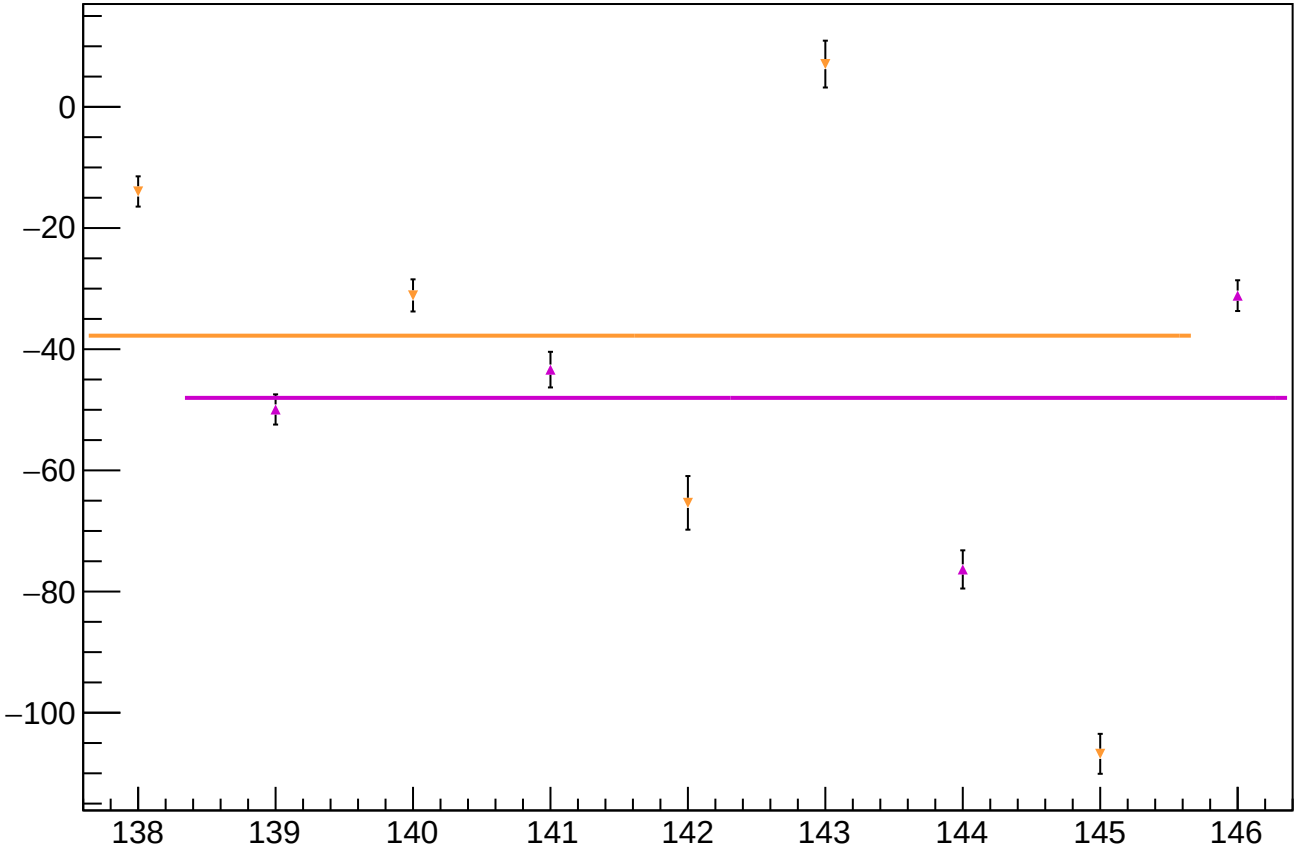
Left In: 0.224+/-0.011 χ^2/NDF:74.0/3

+ sign 0.180+/-0.009 χ^2/NDF: 1625.3/21

All: 0.126+/-0.007 χ^2/NDF: 3601.8/44

- sign 0.070+/-0.010 χ^2/NDF: 1910.6/22

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -37.763+/-1.397 χ^2/NDF:708.9/4

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

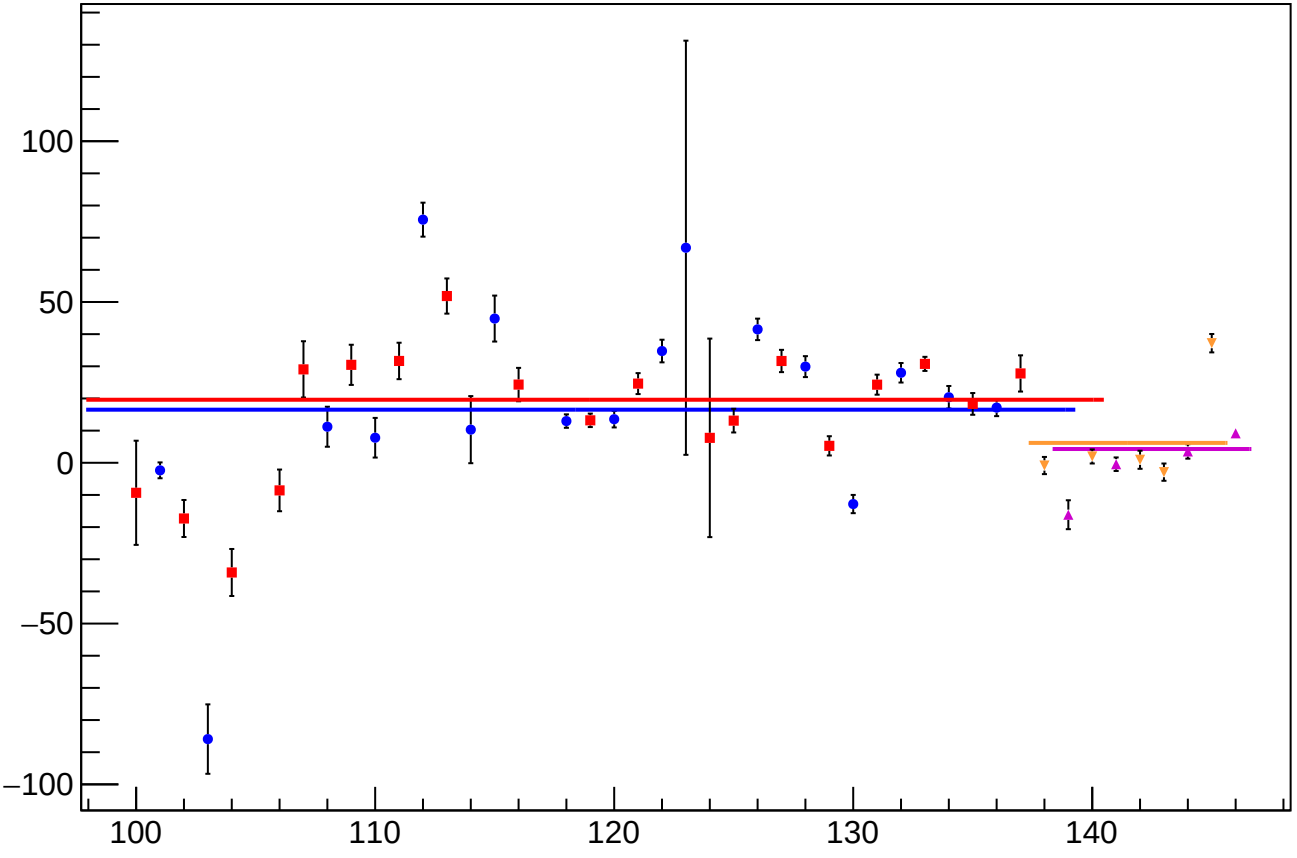
Left In: -48.031+/-1.371 χ^2/NDF:128.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -42.995+/-0.978 χ^2/NDF: 864.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 6.184+/-1.165 χ^2/NDF:143.3/4

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

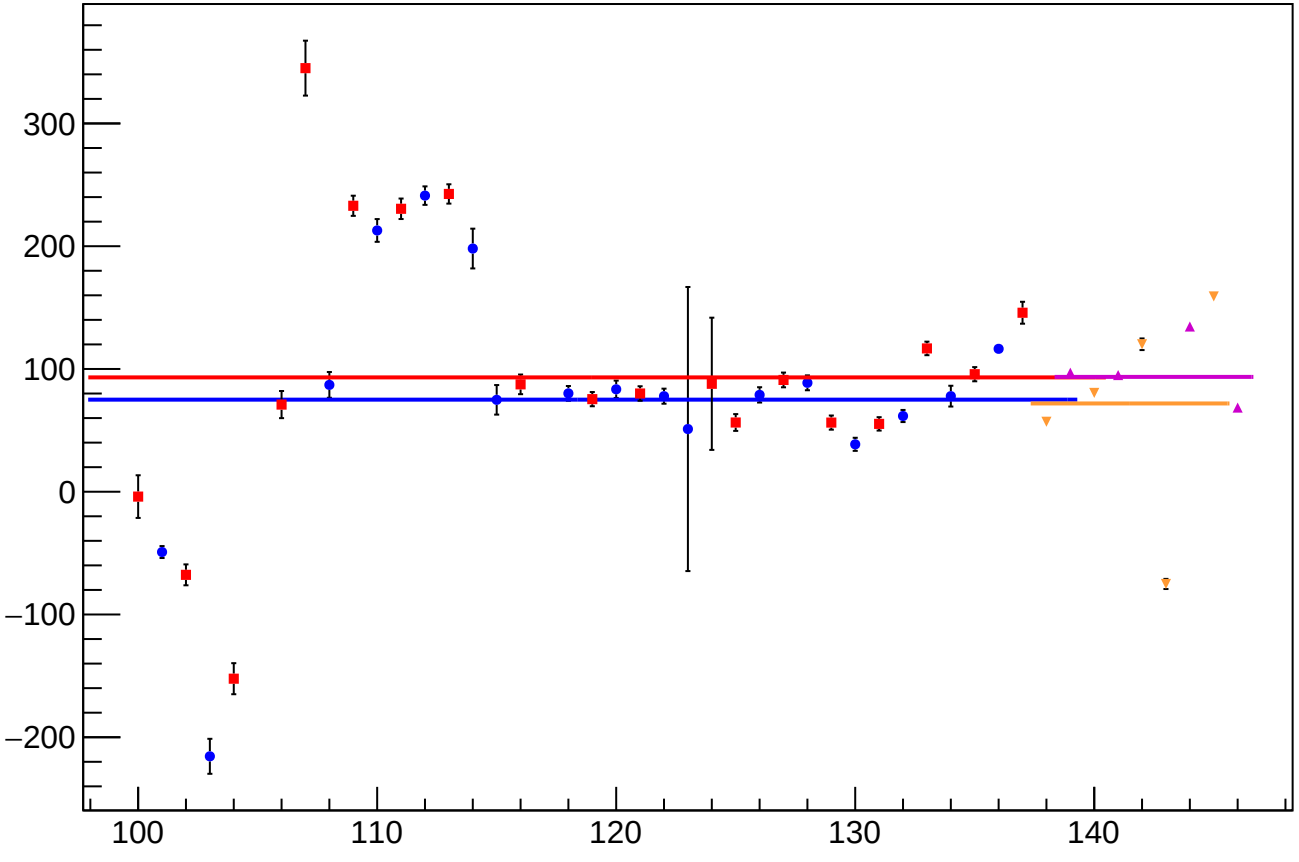
Left In: 4.283+/-1.038 χ^2/NDF:36.6/3

+ sign 12.937+/-0.685 χ^2/NDF: 714.3/21

All: 12.991+/-0.482 χ^2/NDF: 1117.5/44

- sign 13.044+/-0.679 χ^2/NDF: 403.1/22

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 71.907+/-1.491 χ^2/NDF:2061.6/4

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

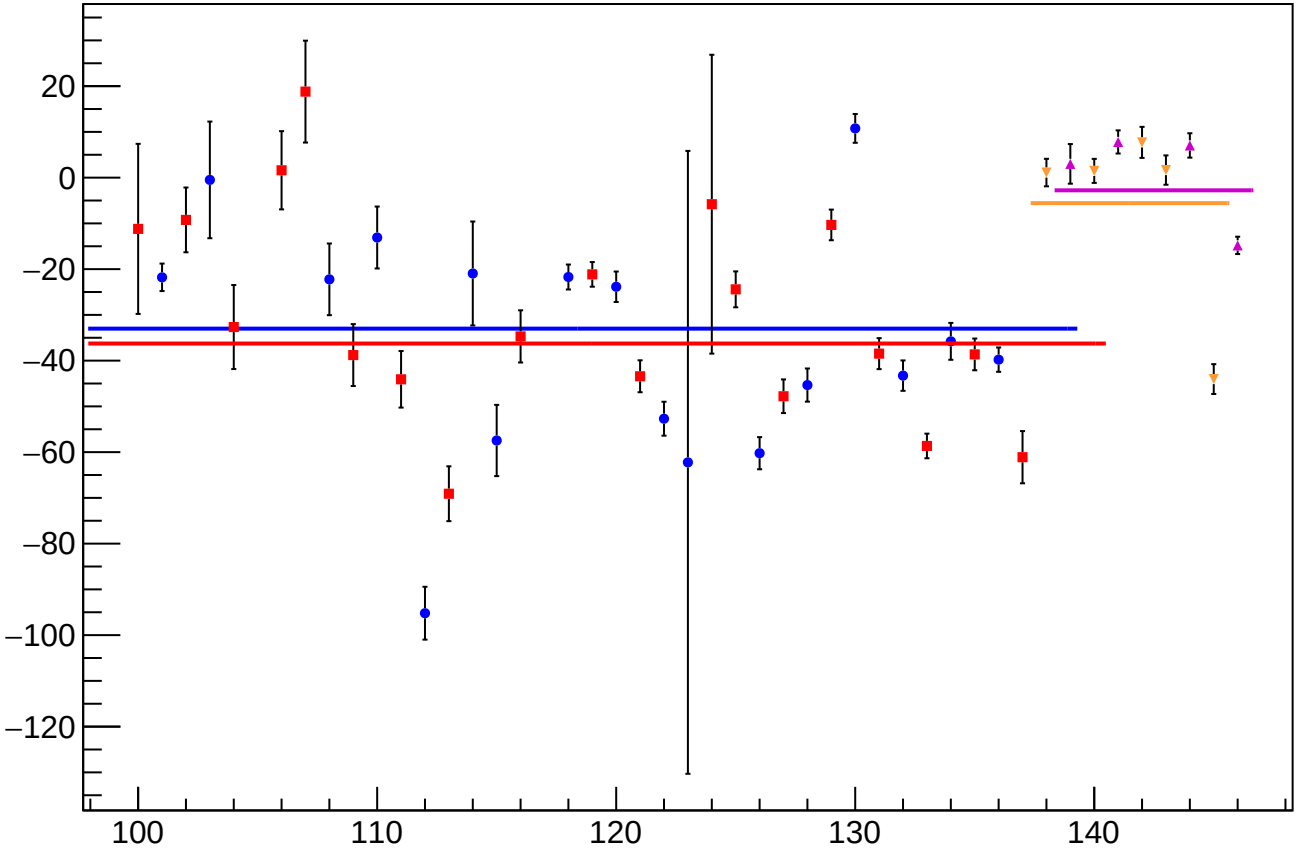
Left In: 93.546+/-1.418 χ^2/NDF:256.0/3

+ sign 73.314+/-1.102 χ^2/NDF: 4062.9/21

All: 83.438+/-0.776 χ^2/NDF: 6488.6/44

- sign 93.381+/-1.092 χ^2/NDF: 2258.4/22

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -5.574+/-1.369 χ^2/NDF:171.6/4

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

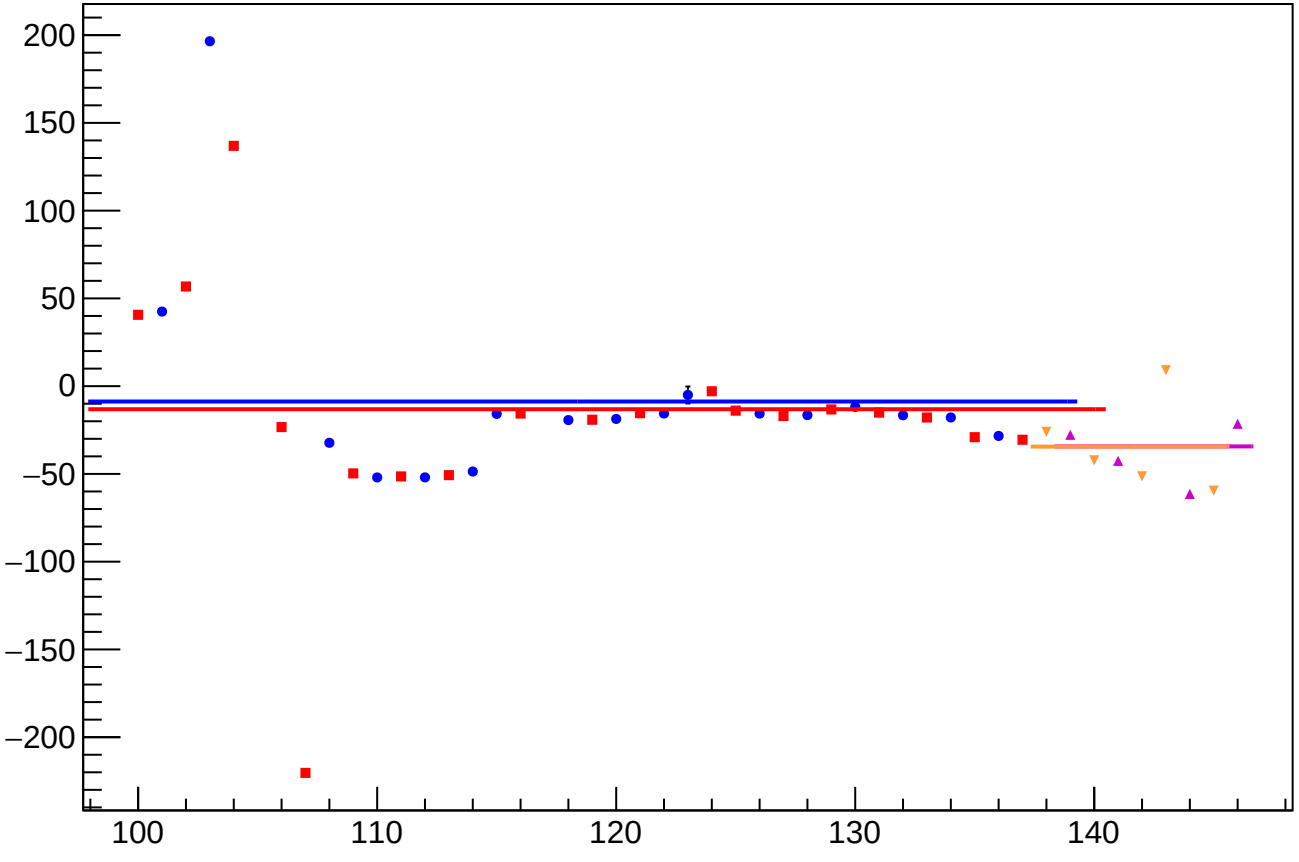
Left In: -2.769+/-1.262 χ^2/NDF:73.0/3

+ sign -23.814+/-0.792 χ^2/NDF: 931.7/21

All: -23.378+/-0.561 χ^2/NDF: 1726.8/44

- sign -22.939+/-0.796 χ^2/NDF: 794.5/22

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -34.429+/-0.060 χ^2/NDF:122225.7/4

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

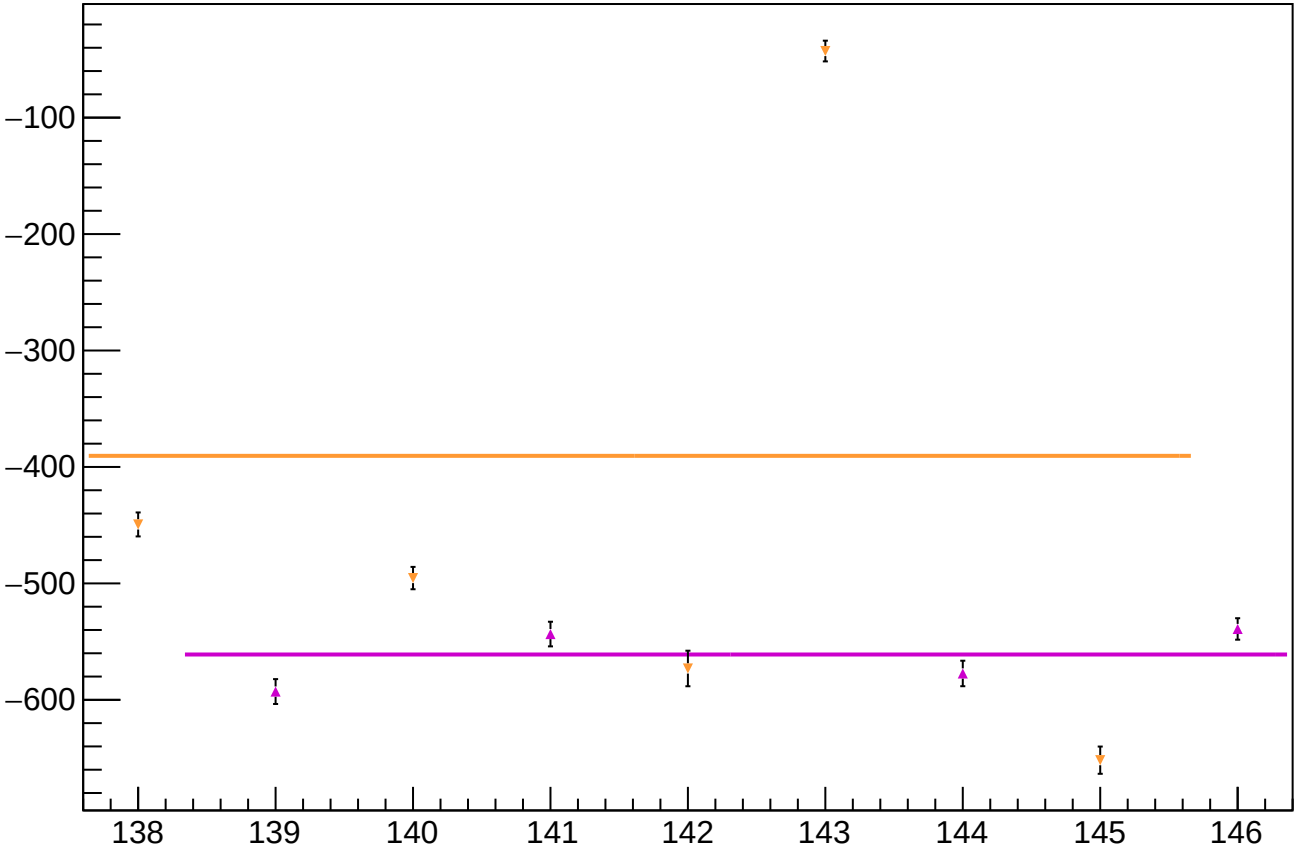
Left In: -34.320+/-0.058 χ^2/NDF:55910.5/3

+ sign -21.277+/-0.042 χ^2/NDF: 791251.5/21

All: -22.846+/-0.030 χ^2/NDF: 1471267.4/44

- sign -24.424+/-0.042 χ^2/NDF: 677229.0/22

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -390.450+/-4.739 χ^2/NDF:2320.8/4

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

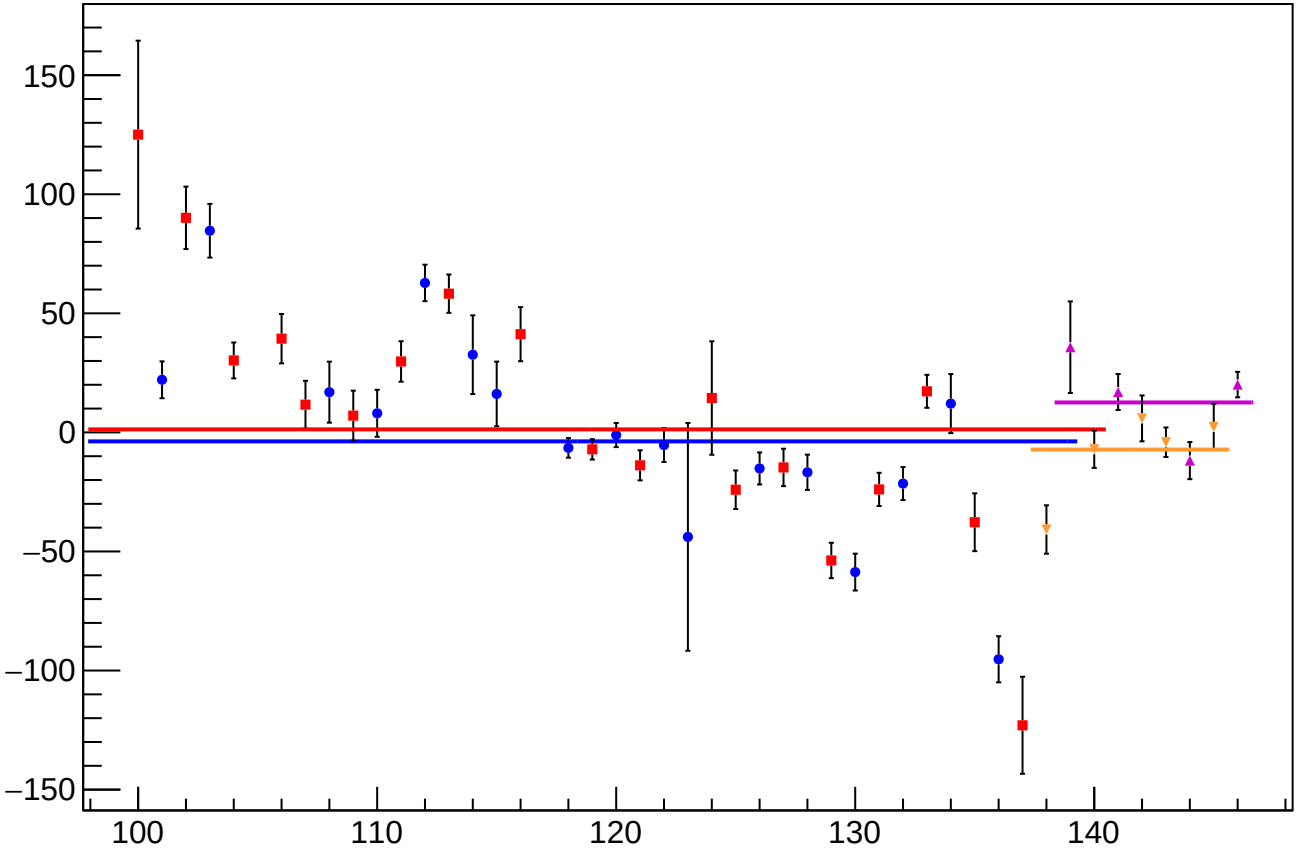
Left In: -561.059+/-5.143 χ^2/NDF:19.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -468.787+/-3.485 χ^2/NDF: 2935.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: -7.206+/-3.691 χ^2/NDF:14.0/4

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

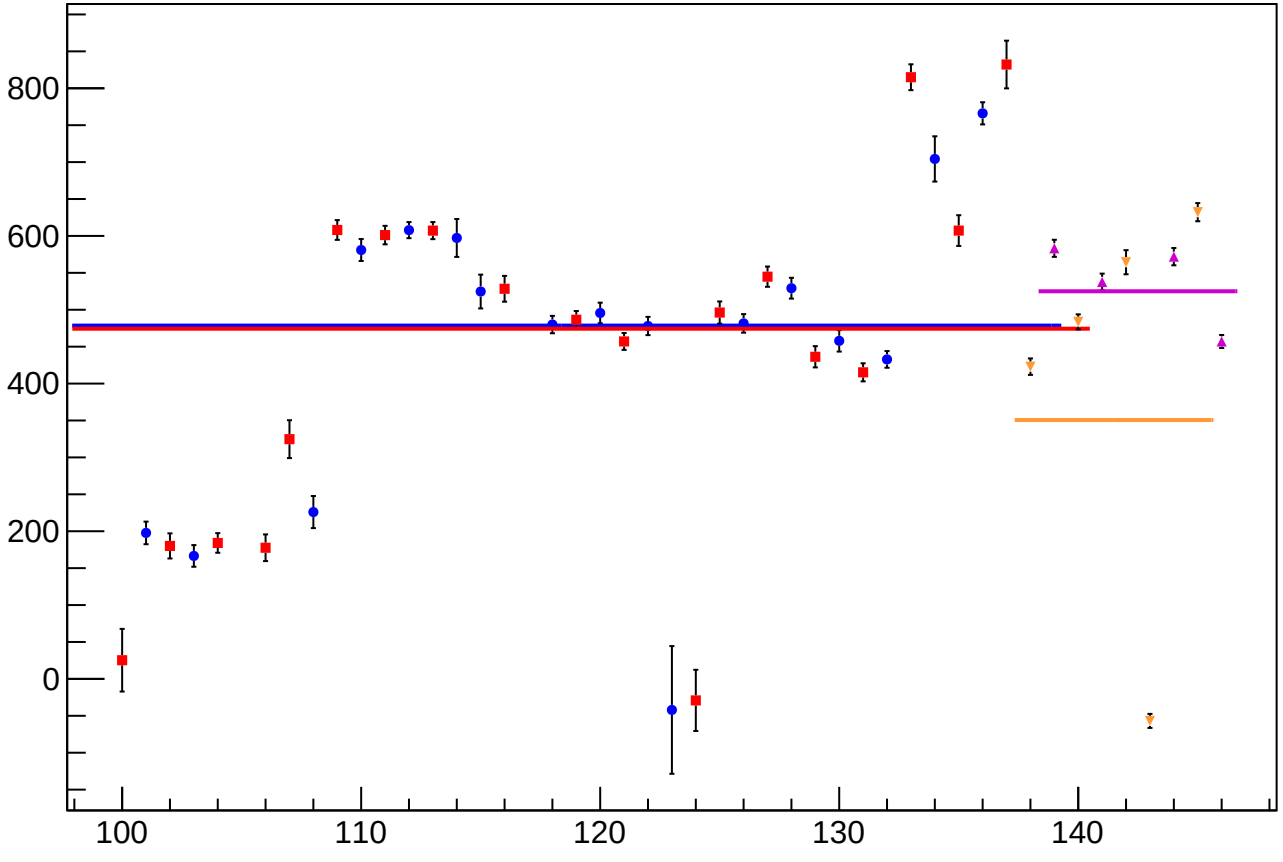
Left In: 12.571+/-3.737 χ^2/NDF:13.6/3

+ sign -4.485+/-1.681 χ^2/NDF: 329.0/21

All: -0.493+/-1.198 χ^2/NDF: 665.0/44

- sign 3.627+/-1.708 χ^2/NDF: 324.5/22

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 350.616+/-5.061 χ^2/NDF:2746.7/4

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

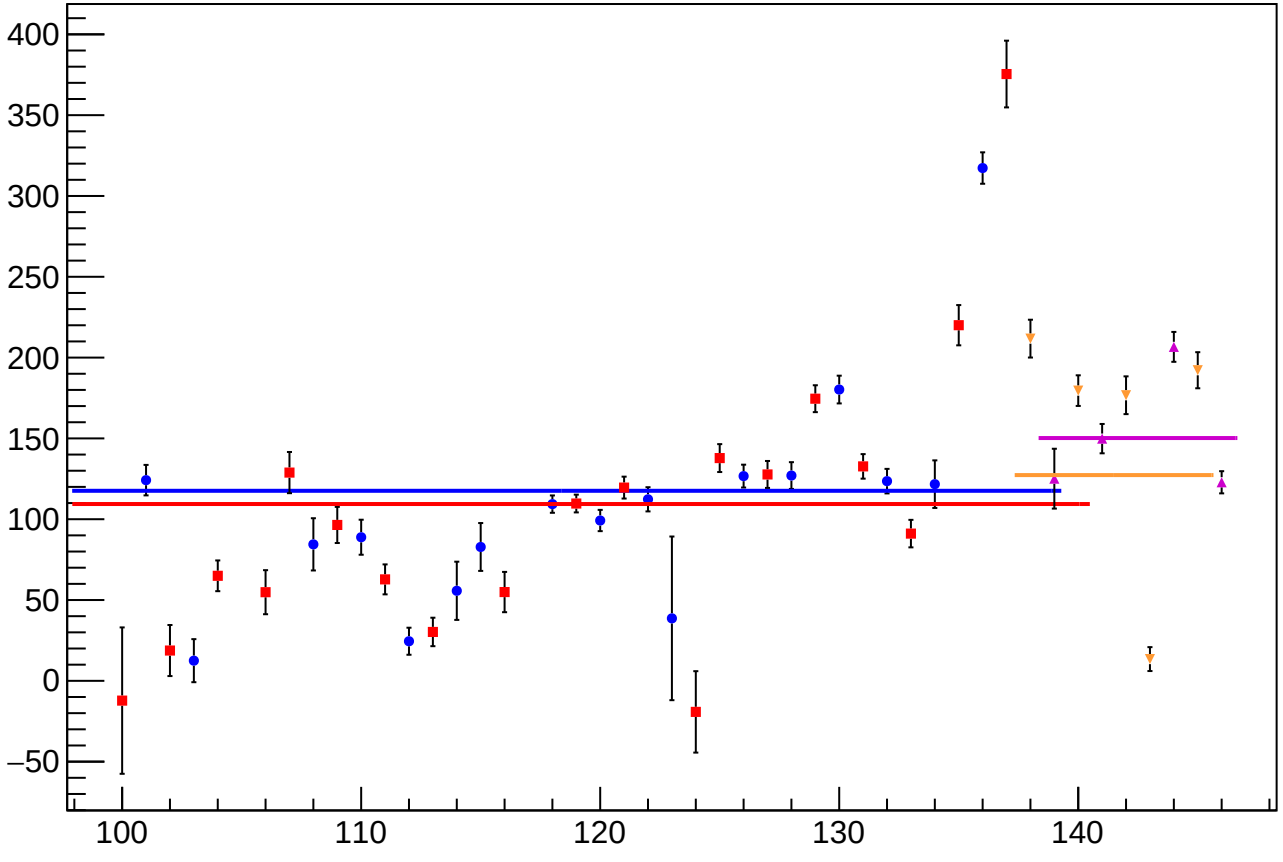
Left In: 525.049+/-5.304 χ^2/NDF:102.2/3

+ sign 435.072+/-2.950 χ^2/NDF: 4797.5/21

All: 462.583+/-2.082 χ^2/NDF: 7423.6/44

- sign 489.916+/-2.940 χ^2/NDF: 2452.7/22

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 127.303+/-4.382 χ^2/NDF:371.1/4

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

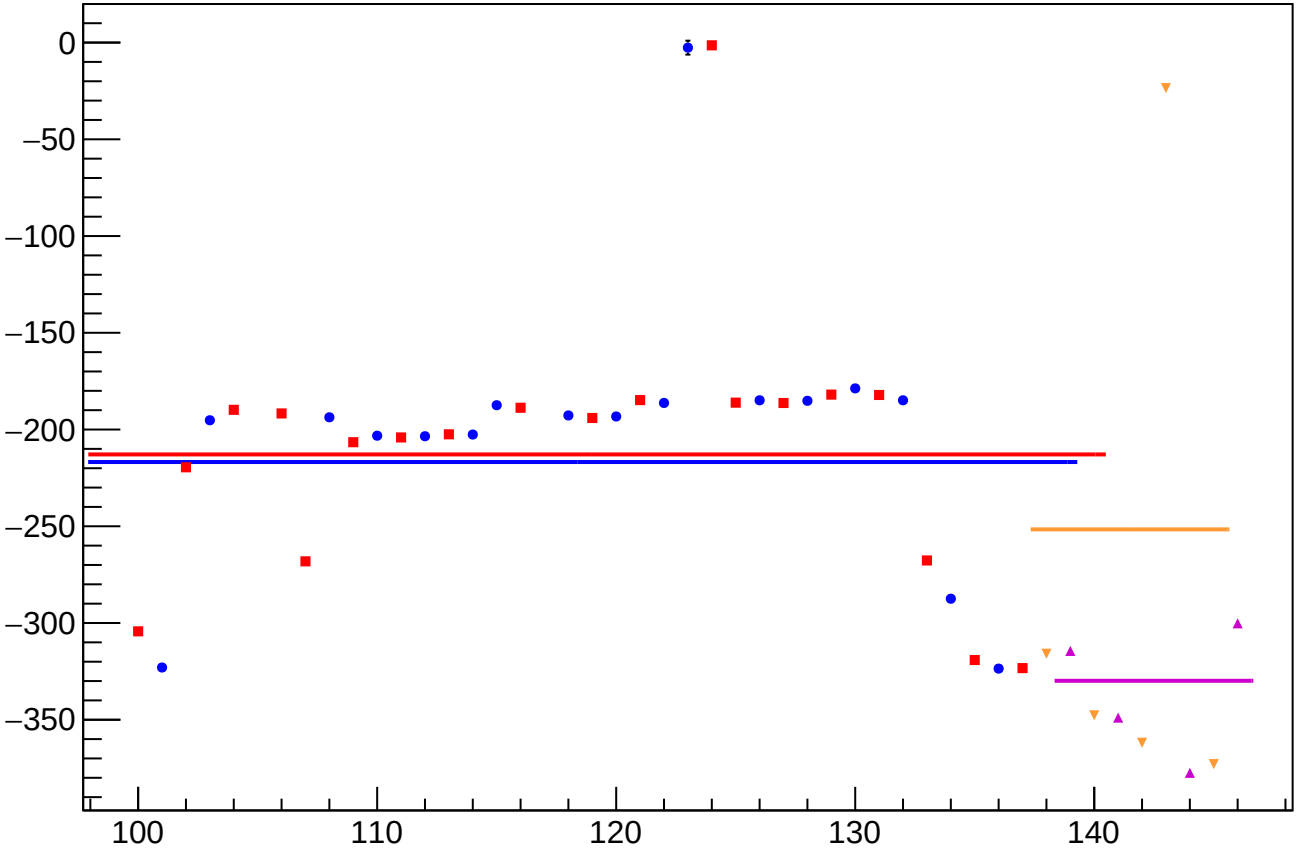
Left In: 150.224+/-4.564 χ^2/NDF:55.0/3

+ sign 119.531+/-1.961 χ^2/NDF: 1081.9/21

All: 118.358+/-1.396 χ^2/NDF: 1773.6/44

- sign 117.151+/-1.989 χ^2/NDF: 691.0/22

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -251.606+/-0.206 χ^2/NDF:517839.0/4

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

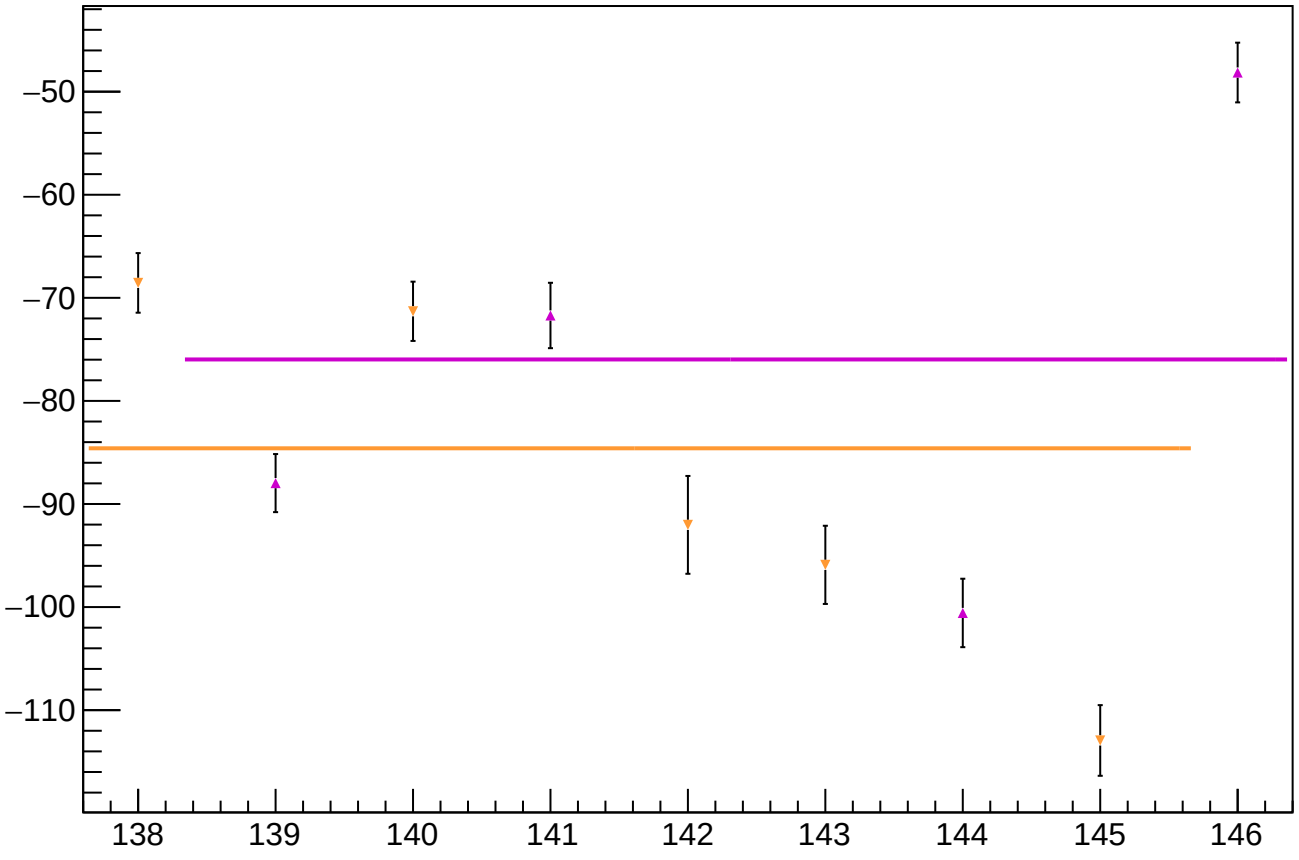
Left In: -329.861+/-0.220 χ^2/NDF:17133.5/3

+ sign -227.327+/-0.113 χ^2/NDF: 684737.8/21

All: -235.376+/-0.080 χ^2/NDF: 1038018.5/44

- sign -243.242+/-0.112 χ^2/NDF: 343299.1/22

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -84.598+/-1.508 χ^2/NDF:131.9/4

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

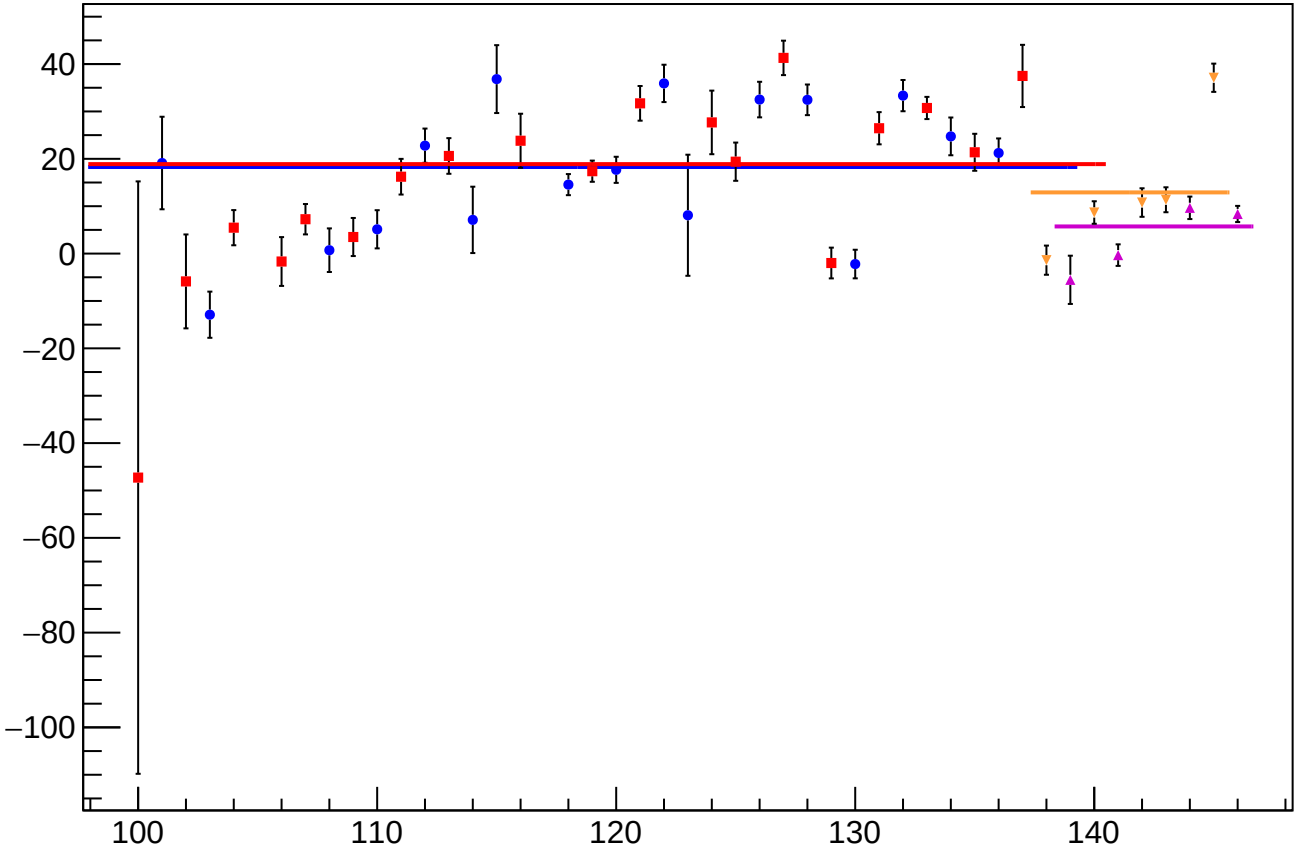
Left In: -75.978+/-1.516 χ^2/NDF:167.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -80.309+/-1.069 χ^2/NDF: 315.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 12.913+/-1.240 χ^2/NDF:91.5/4

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

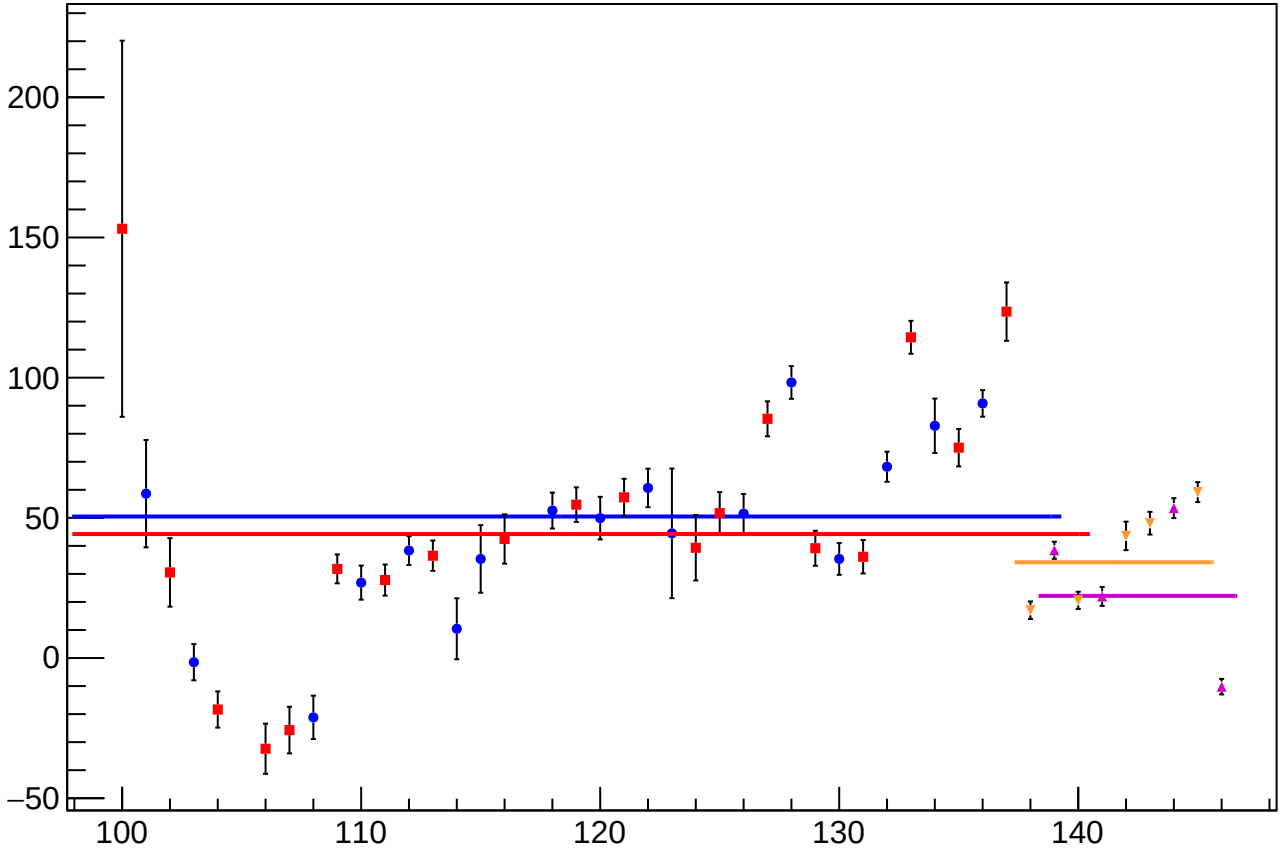
Left In: 5.727+/-1.152 χ^2/NDF:17.1/3

+ sign 16.414+/-0.731 χ^2/NDF: 308.3/21

All: 15.216+/-0.502 χ^2/NDF: 612.3/44

- sign 14.145+/-0.691 χ^2/NDF: 299.0/22

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 34.158+/-1.607 χ^2/NDF:114.1/4

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

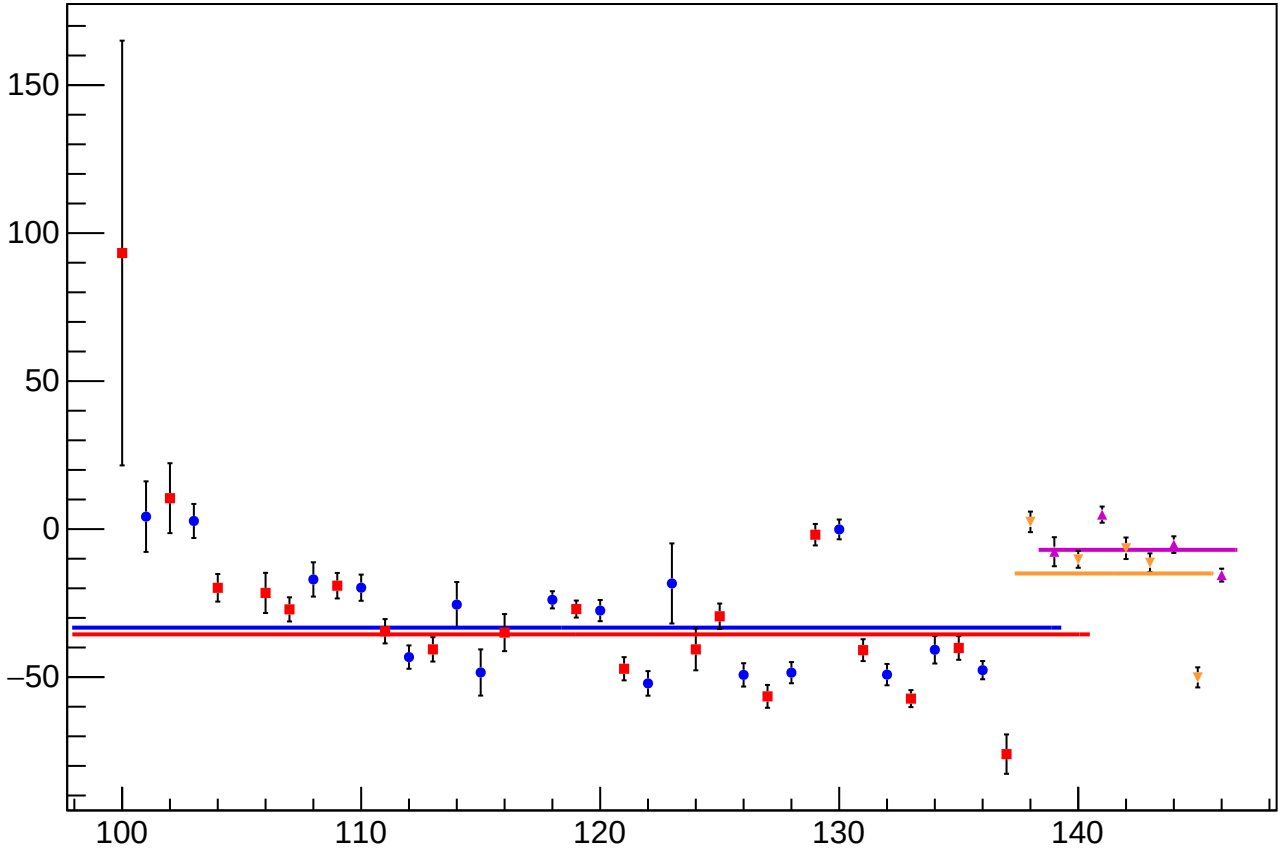
Left In: 22.171+/-1.572 χ^2/NDF:242.6/3

+ sign 42.018+/-1.157 χ^2/NDF: 521.6/21

All: 37.360+/-0.806 χ^2/NDF: 1426.6/44

- sign 32.982+/-1.122 χ^2/NDF: 873.5/22

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -14.983+/-1.460 χ^2/NDF:141.6/4

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

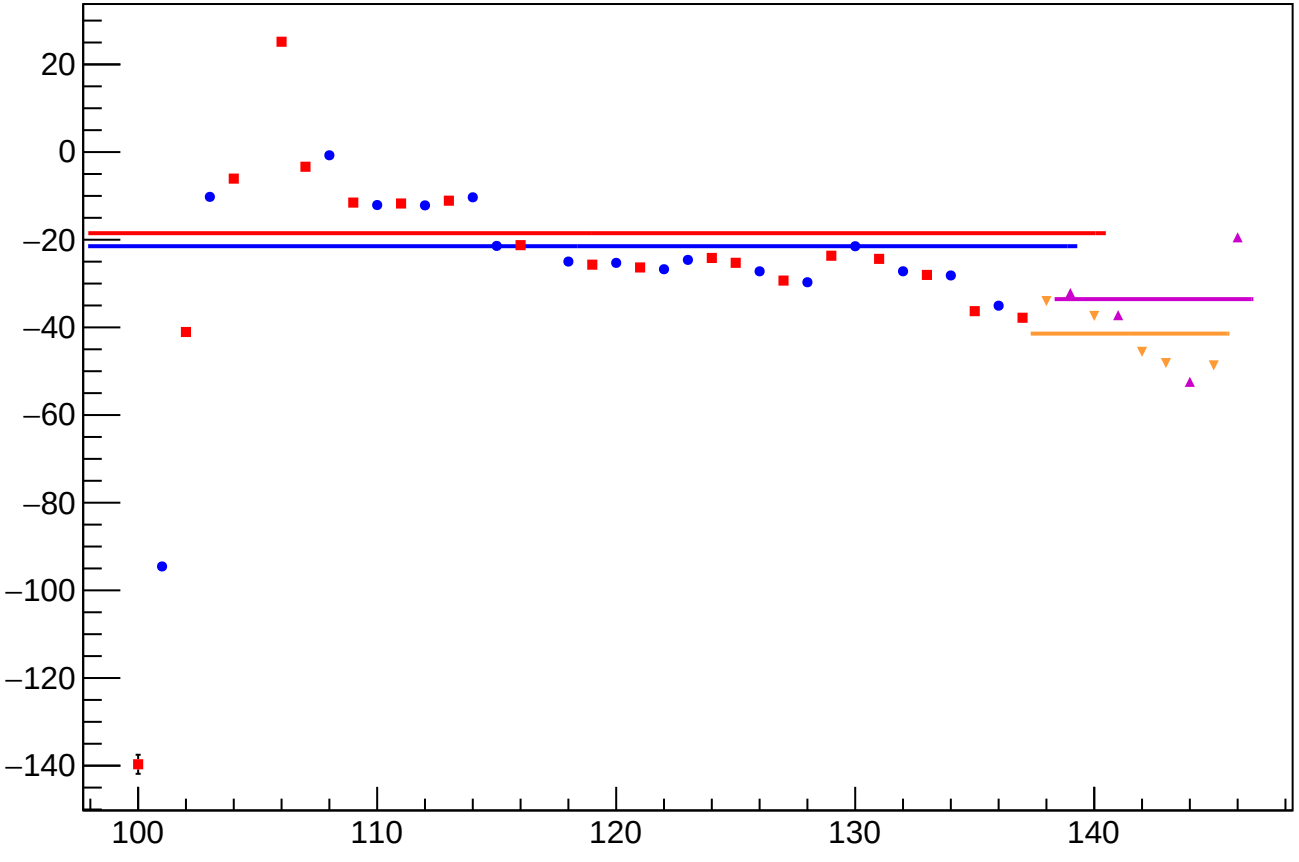
Left In: -7.002+/-1.396 χ^2/NDF:34.8/3

+ sign -27.185+/-0.843 χ^2/NDF: 535.5/21

All: -26.554+/-0.584 χ^2/NDF: 1137.1/44

- sign -25.973+/-0.809 χ^2/NDF: 600.6/22

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -41.418+/-0.065 χ^2/NDF:9399.7/4

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

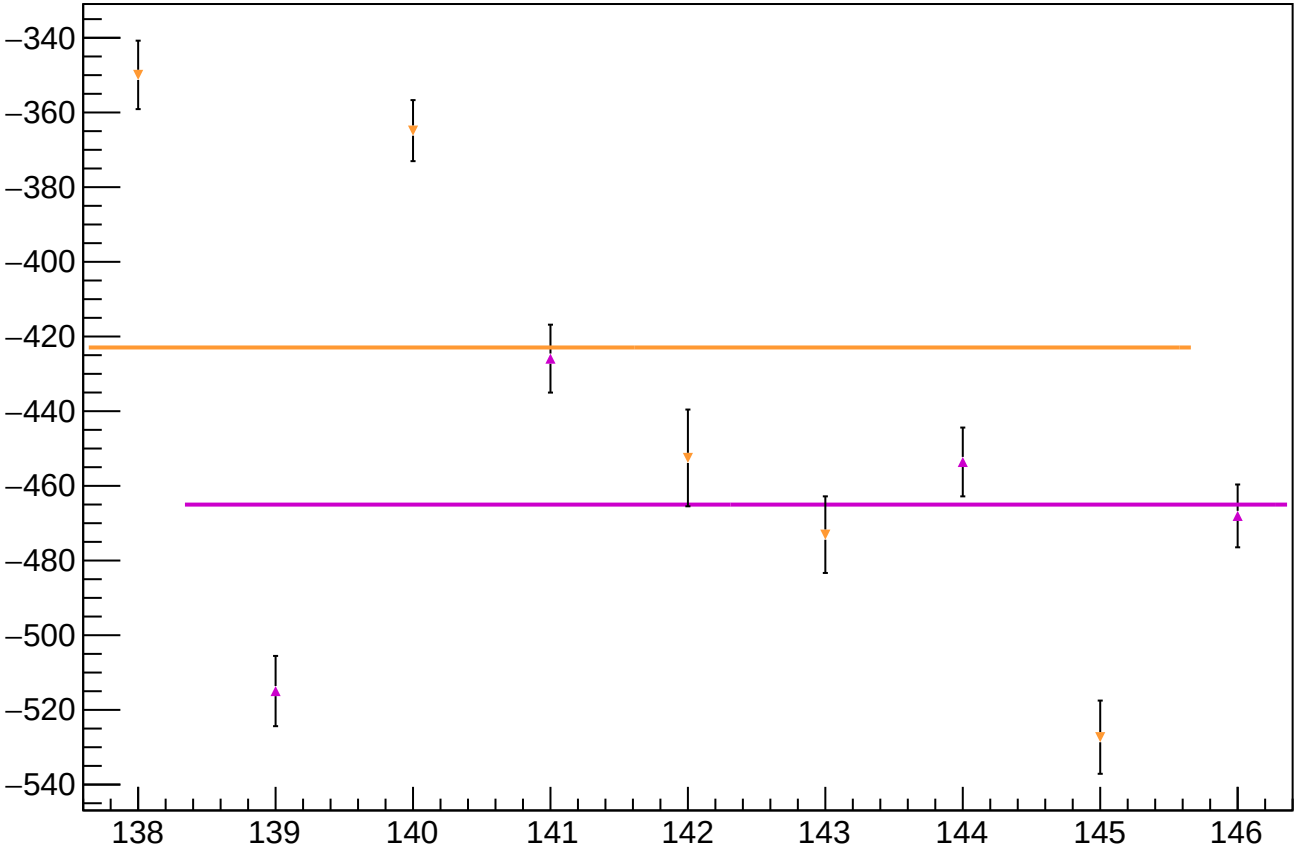
Left In: -33.551+/-0.064 χ^2/NDF:27778.8/3

+ sign -30.417+/-0.044 χ^2/NDF: 110191.1/21

All: -27.753+/-0.031 χ^2/NDF: 256612.9/44

- sign -25.190+/-0.043 χ^2/NDF: 139090.1/22

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -422.938+/-4.355 χ^2/NDF:256.3/4

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

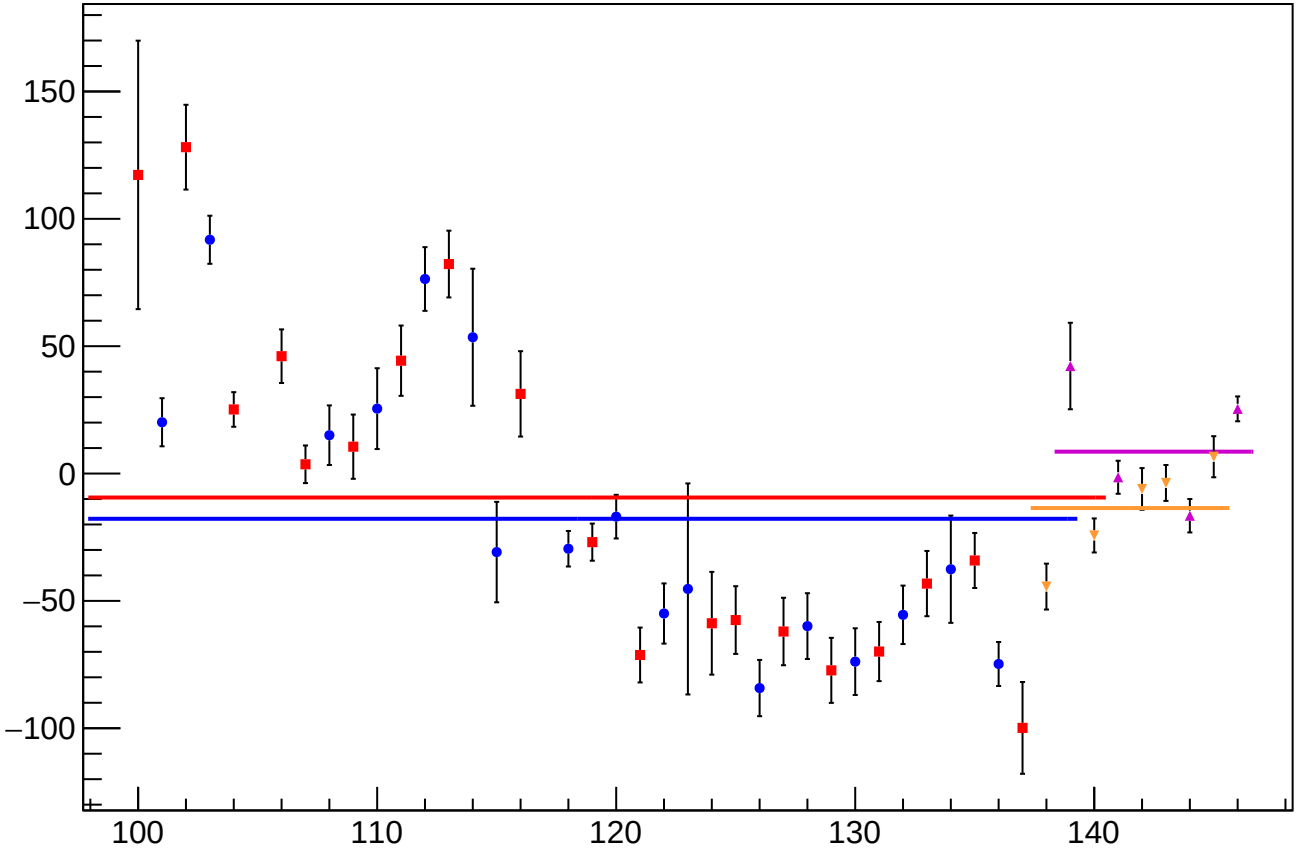
Left In: -465.018+/-4.504 χ^2/NDF:48.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -443.271+/-3.131 χ^2/NDF: 349.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: -13.552+/-3.428 χ^2/NDF:23.3/4

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

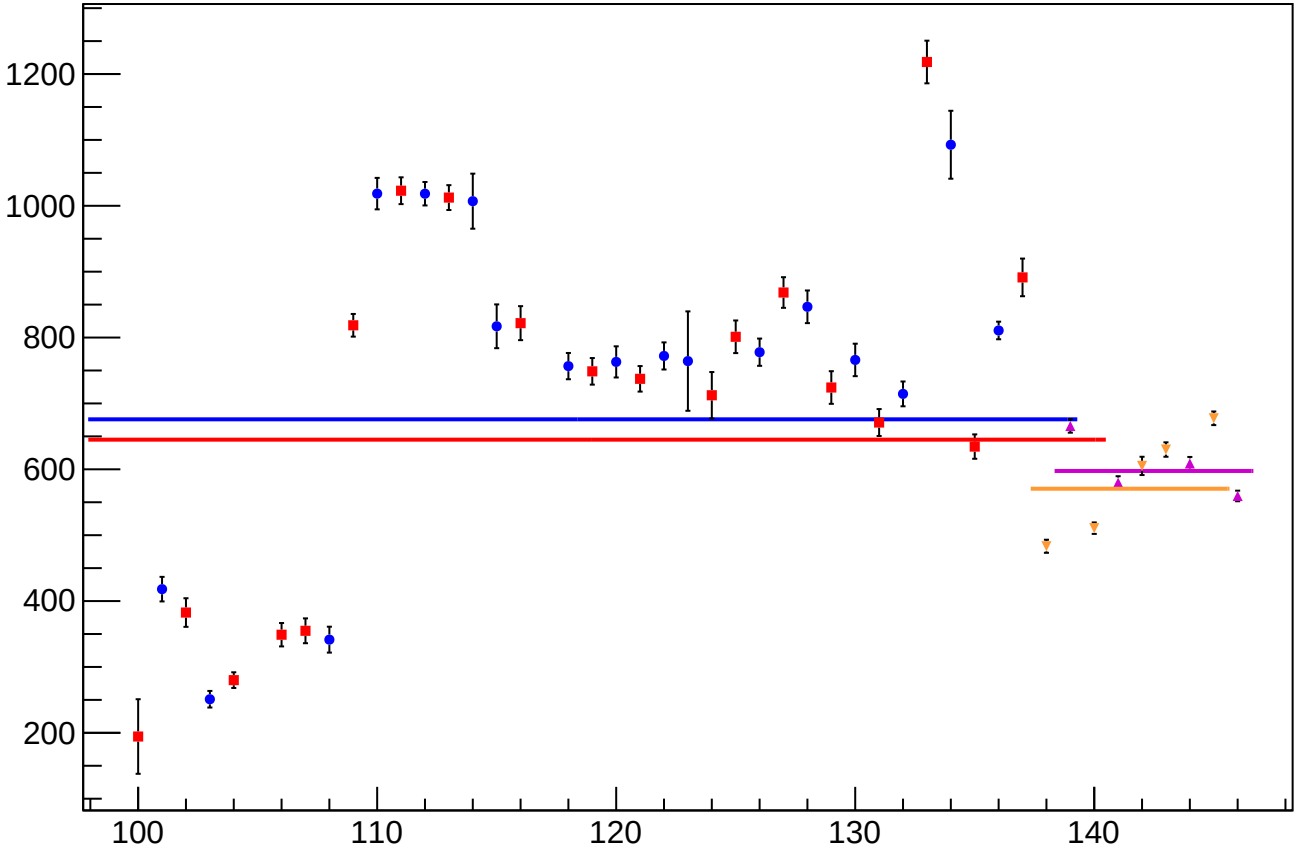
Left In: 8.589+/-3.288 χ^2/NDF:32.9/3

+ sign -16.092+/-2.160 χ^2/NDF: 388.1/21

All: -8.900+/-1.485 χ^2/NDF: 830.0/44

- sign -2.447+/-2.046 χ^2/NDF: 420.8/22

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 570.536+/-4.651 χ^2/NDF:267.2/4

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

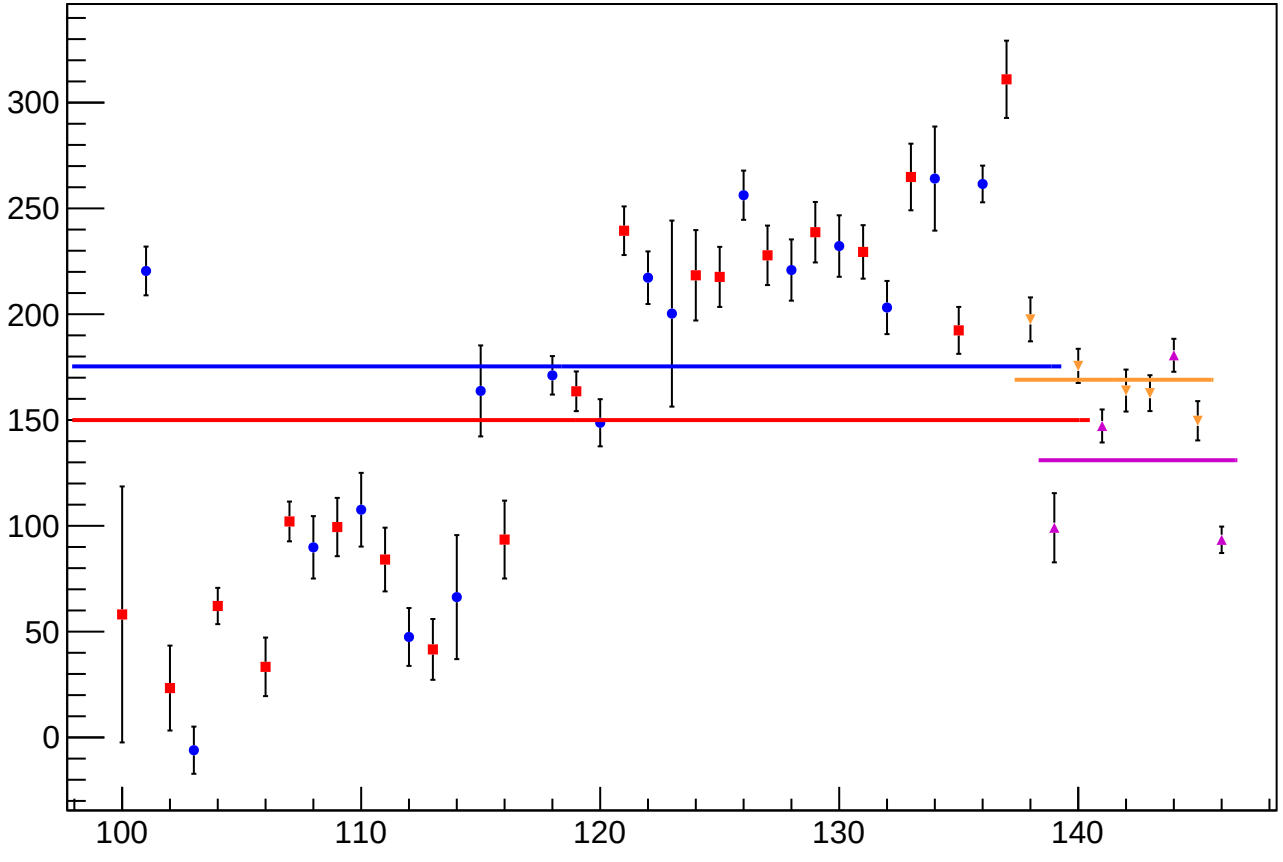
Left In: 597.484+/-4.656 χ^2/NDF:72.0/3

+ sign 619.018+/-3.417 χ^2/NDF: 3089.6/21

All: 619.892+/-2.385 χ^2/NDF: 6335.9/44

- sign 620.722+/-3.329 χ^2/NDF: 3246.2/22

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 169.027+/-4.072 χ^2/NDF:13.4/4

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

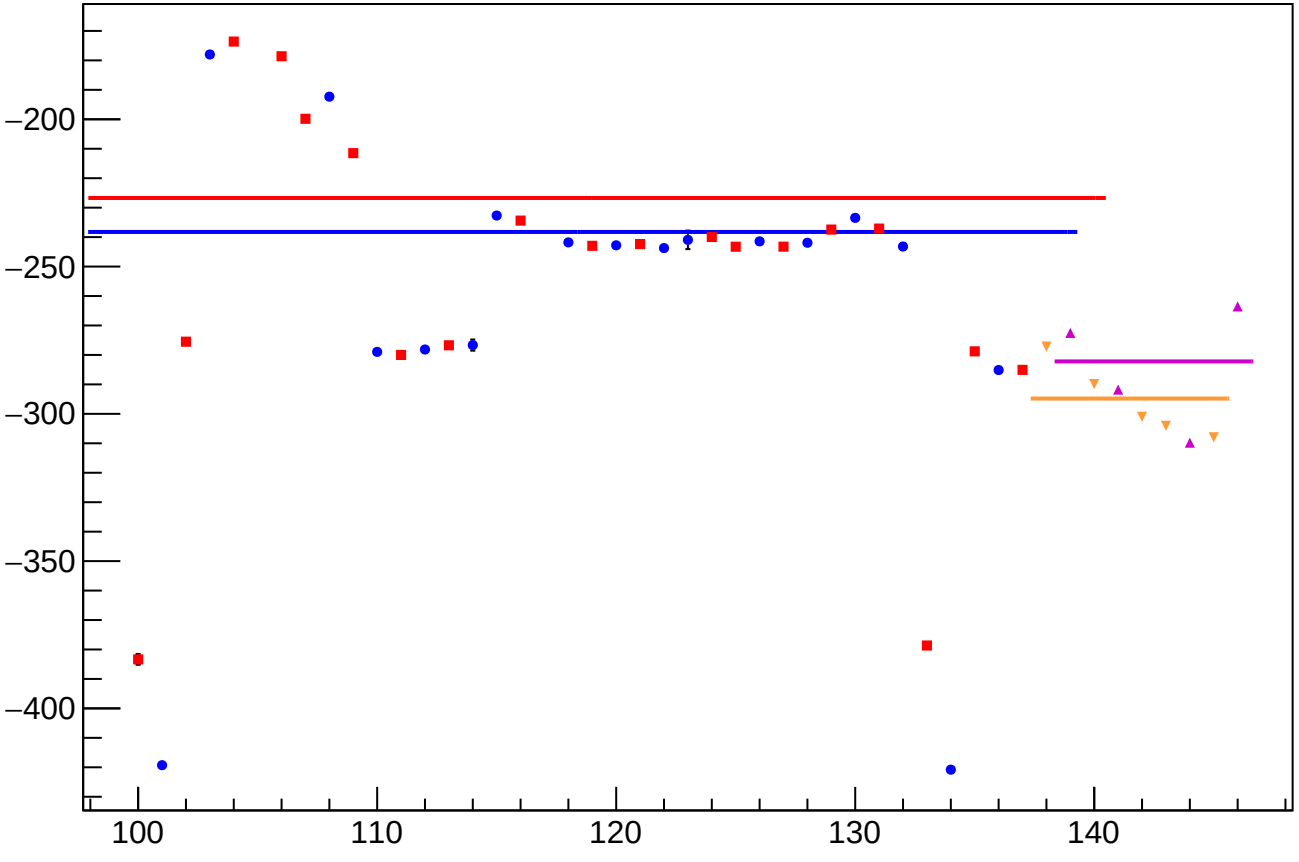
Left In: 130.998+/-4.008 χ^2/NDF:84.9/3

+ sign 172.928+/-2.518 χ^2/NDF: 653.3/21

All: 157.414+/-1.746 χ^2/NDF: 1518.8/44

- sign 143.024+/-2.425 χ^2/NDF: 792.2/22

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -294.804+/-0.190 χ^2/NDF:3764.4/4

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

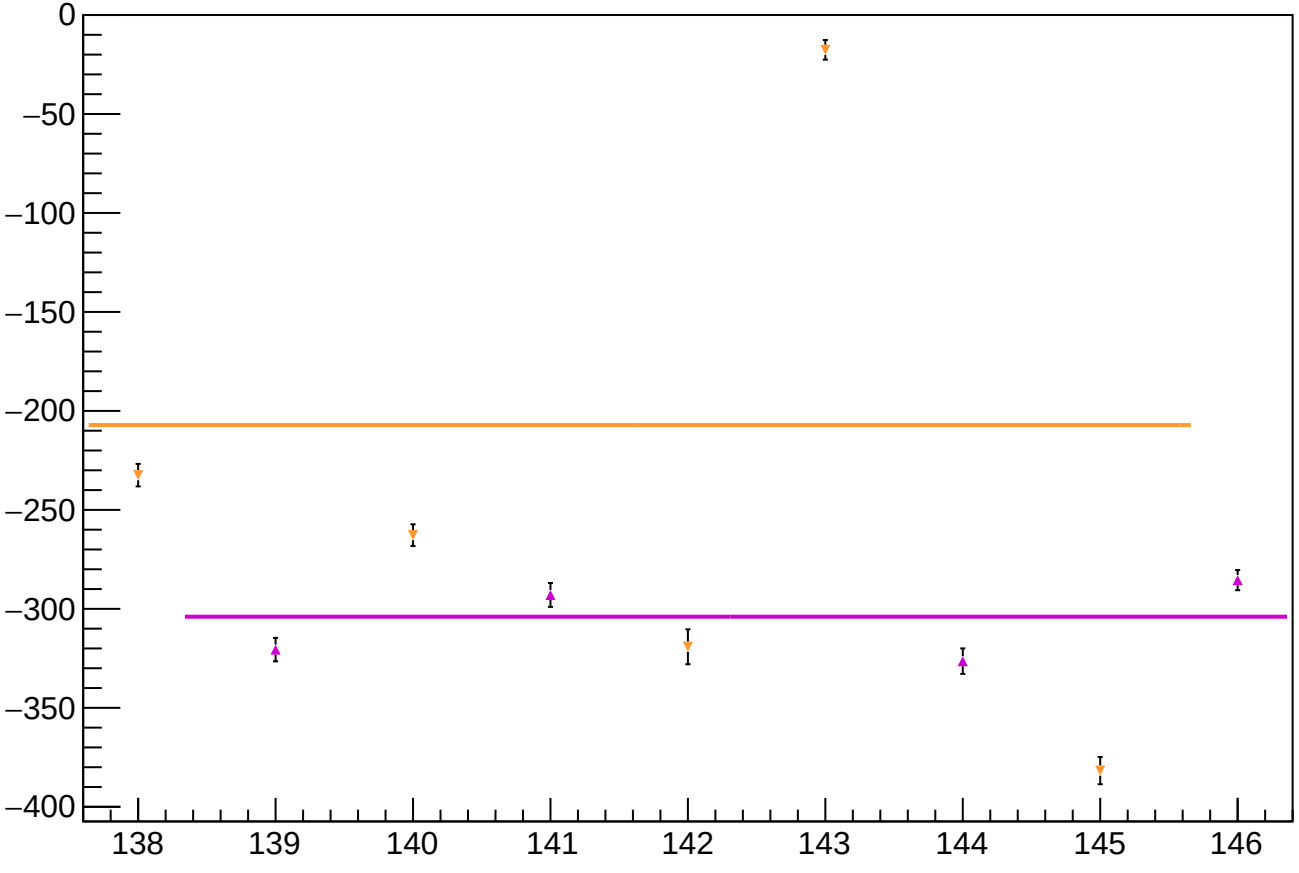
Left In: -282.202+/-0.193 χ^2/NDF:7963.3/3

+ sign -261.689+/-0.122 χ^2/NDF: 222727.3/21

All: -254.562+/-0.085 χ^2/NDF: 391469.9/44

- sign -247.833+/-0.119 χ^2/NDF: 162148.1/22

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -207.142+/-2.683 χ^2/NDF:2394.3/4

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

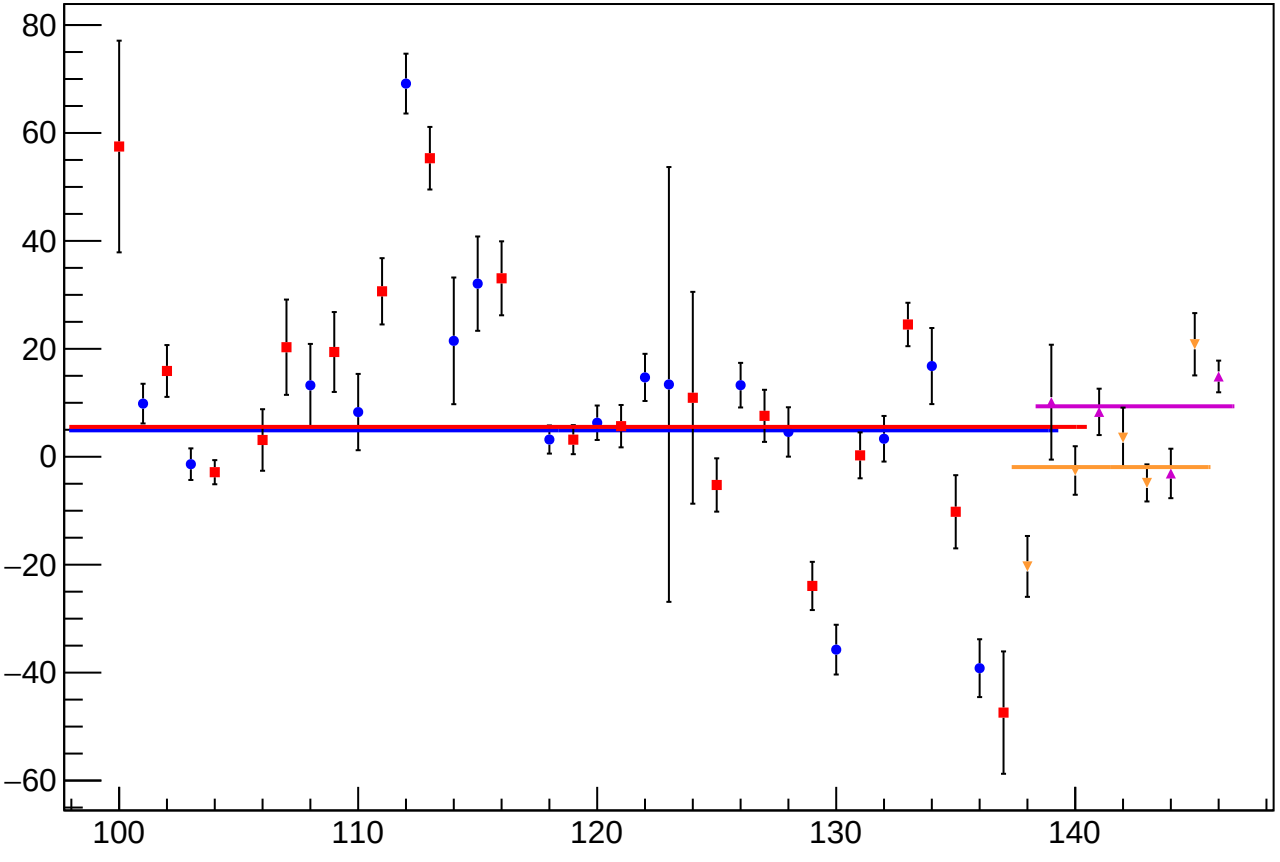
Left In: -303.961+/-2.901 χ^2/NDF:36.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -251.779+/-1.970 χ^2/NDF: 3031.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896+/-1.089 χ^2/NDF: 312.0/16

Left Out: -1.912+/-2.096 χ^2/NDF:27.9/4

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

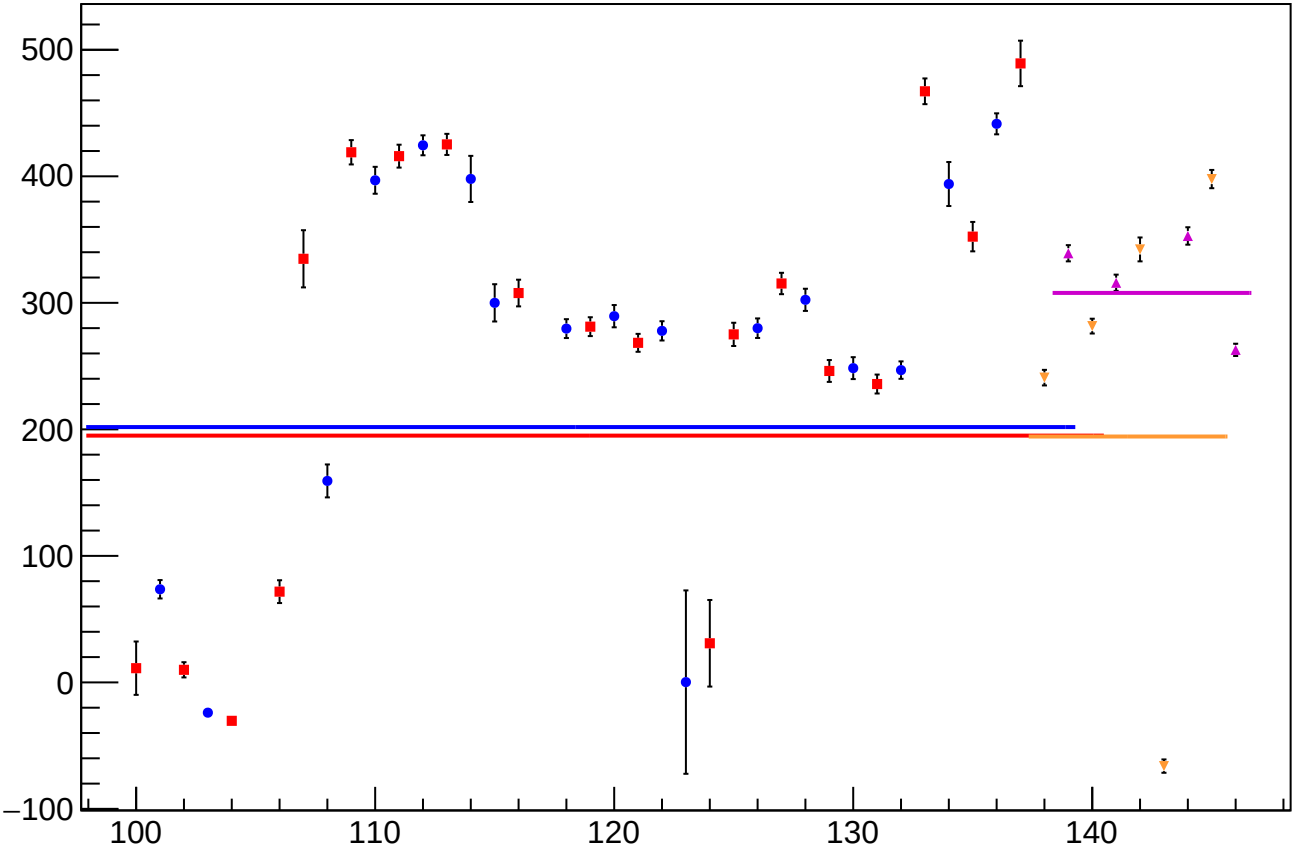
Left In: 9.350+/-2.100 χ^2/NDF:11.0/3

+ sign 3.449+/-0.966 χ^2/NDF: 348.2/21

All: 4.903+/-0.679 χ^2/NDF: 605.4/44

- sign 6.322+/-0.954 χ^2/NDF: 252.7/22

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 194.346+/-2.865 χ^2/NDF:3753.3/4

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

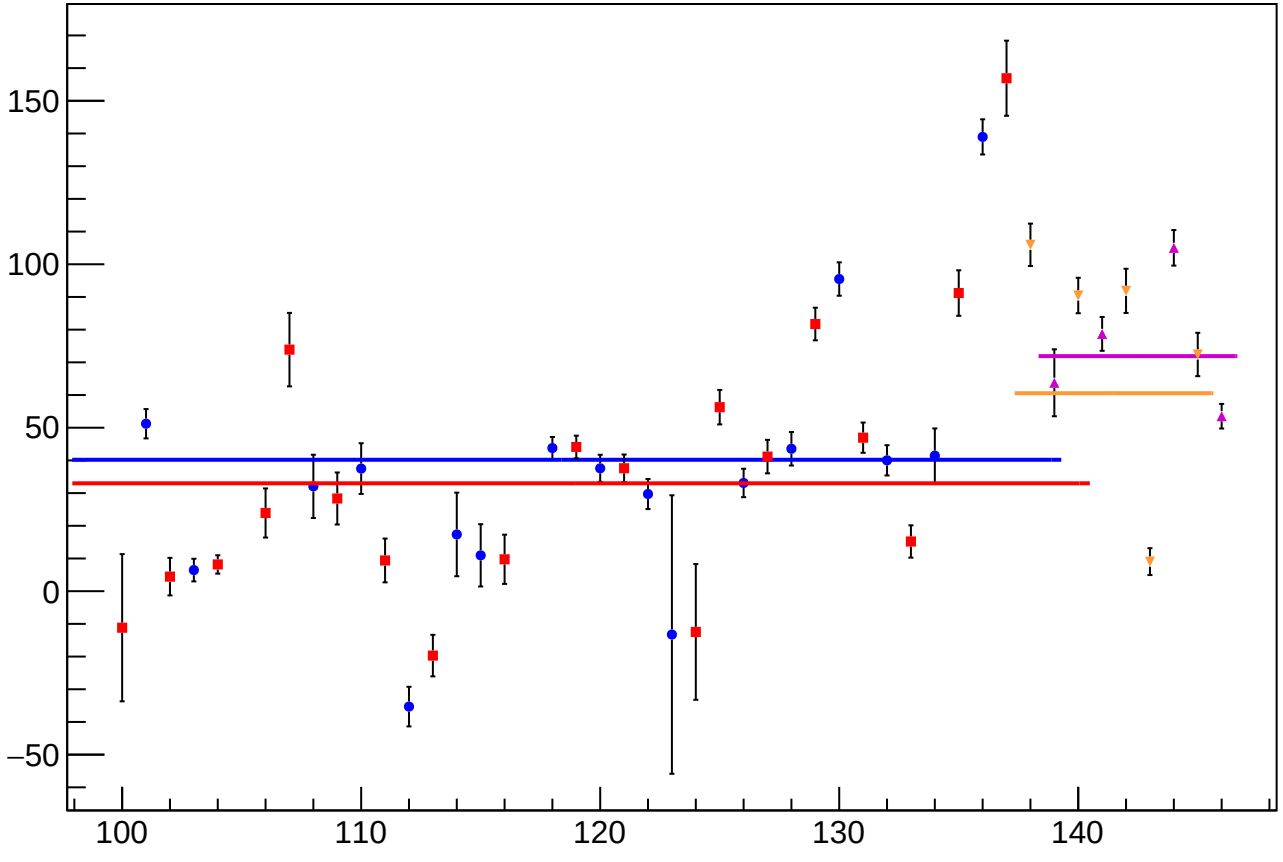
Left In: 307.840+/-2.986 χ^2/NDF:154.1/3

+ sign 199.411+/-1.623 χ^2/NDF: 10512.2/21

All: 213.833+/-1.146 χ^2/NDF: 20088.6/44

- sign 228.152+/-1.618 χ^2/NDF: 9419.2/22

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 60.554+/-2.487 χ^2/NDF:261.3/4

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

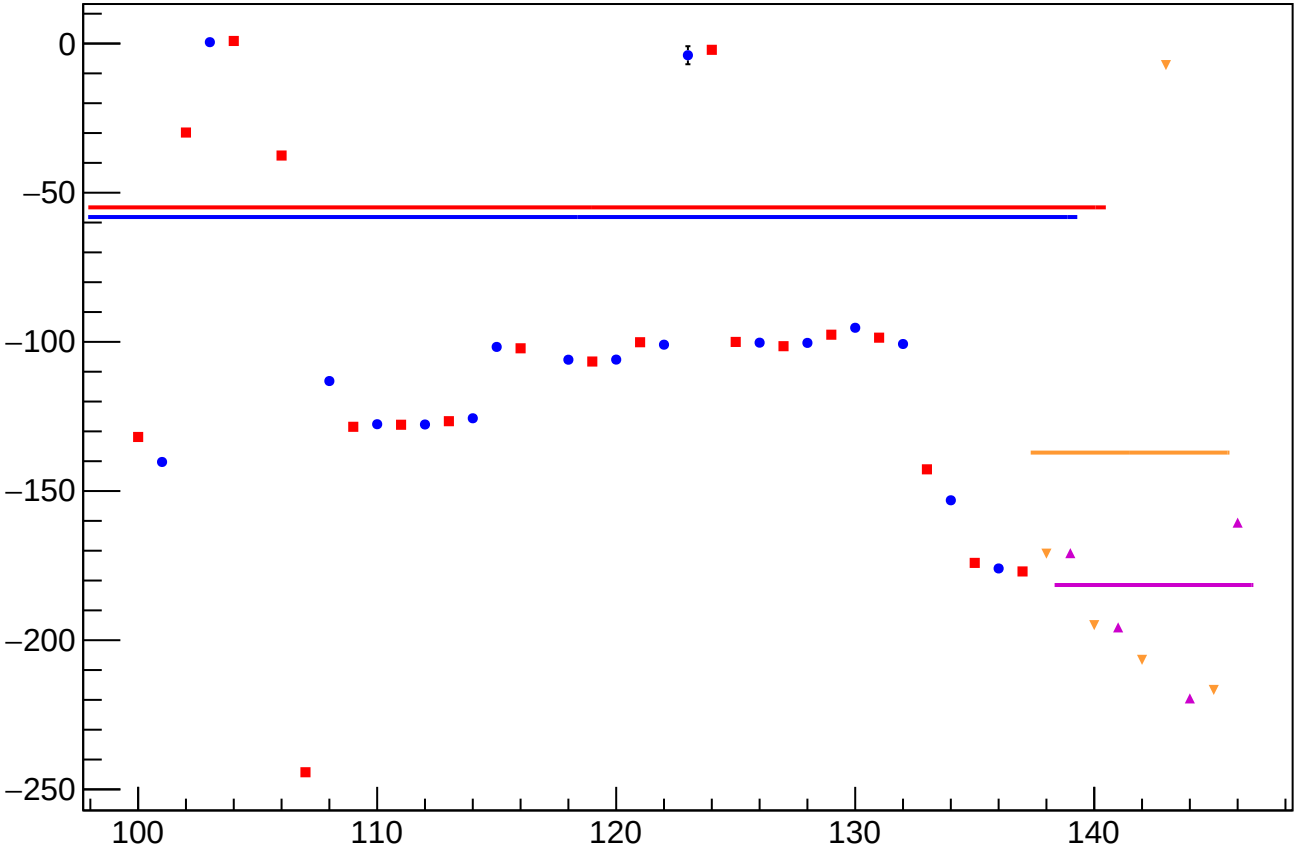
Left In: 71.901+/-2.571 χ^2/NDF:63.3/3

+ sign 44.394+/-1.129 χ^2/NDF: 1049.4/21

All: 42.421+/-0.797 χ^2/NDF: 1857.9/44

- sign 40.460+/-1.126 χ^2/NDF: 802.4/22

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -137.111+/-0.116 χ^2/NDF:560045.9/4

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

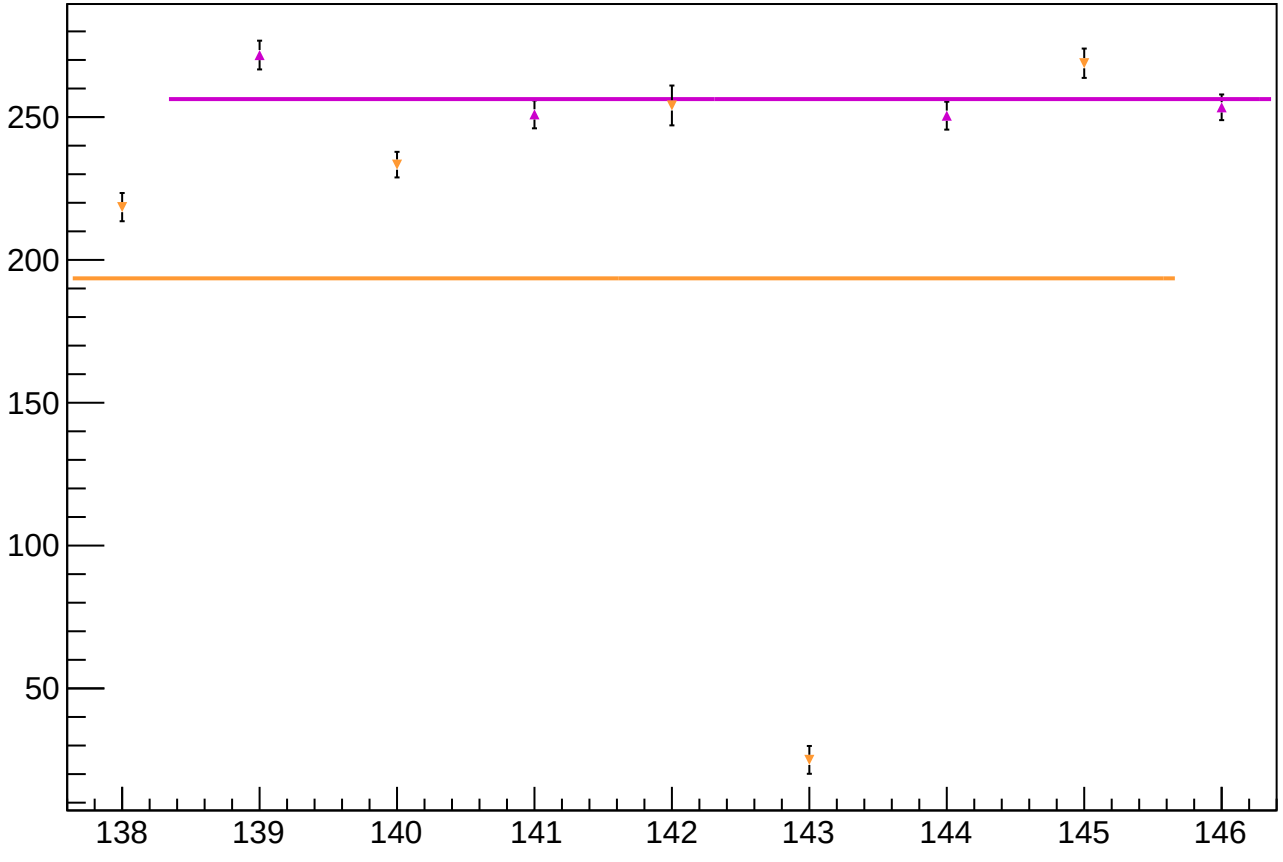
Left In: -181.496+/-0.124 χ^2/NDF:29831.3/3

+ sign -75.403+/-0.054 χ^2/NDF: 2024742.8/21

All: -77.310+/-0.038 χ^2/NDF: 3908455.6/44

- sign -79.196+/-0.054 χ^2/NDF: 1881271.1/22

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 193.547+/-2.285 χ^2/NDF:1593.0/4

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

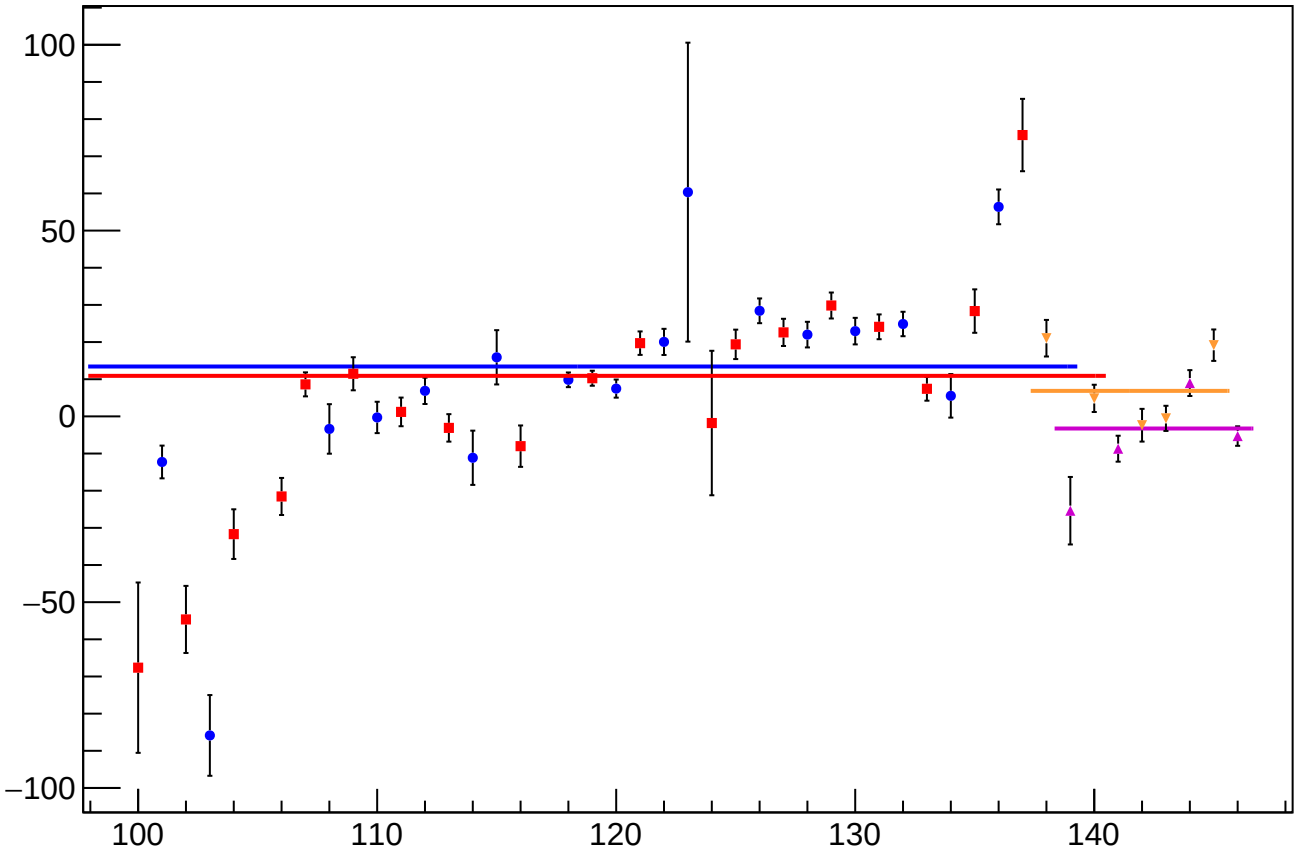
Left In: 256.299+/-2.407 χ^2/NDF:12.4/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 223.304+/-1.657 χ^2/NDF: 1962.9/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2/NDF: 295.2/16

Left Out: 6.863+/-1.795 χ^2/NDF:26.2/4

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

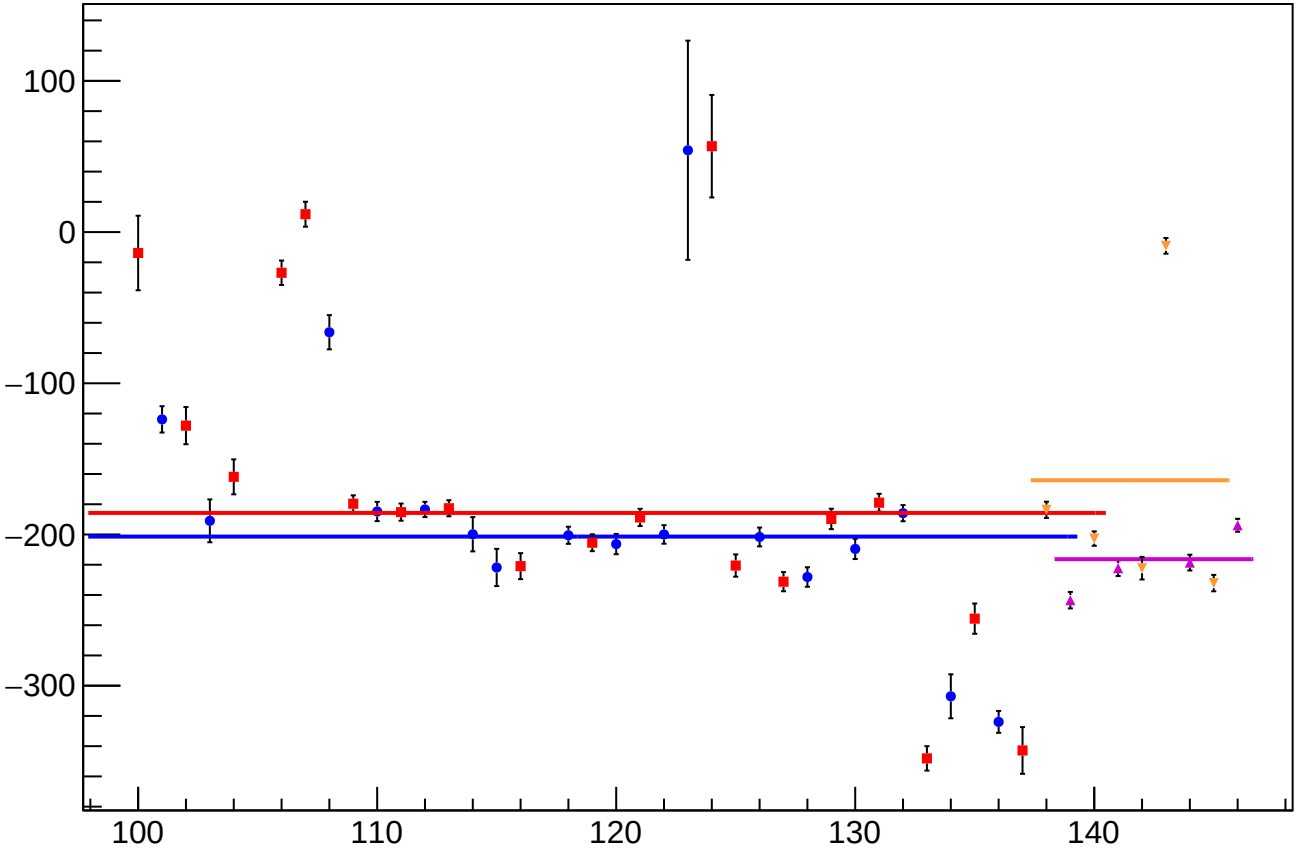
Left In: -3.265+/-1.762 χ^2/NDF:21.3/3

+ sign 12.059+/-0.818 χ^2/NDF: 332.0/21

All: 9.962+/-0.577 χ^2/NDF: 719.9/44

- sign 7.893+/-0.813 χ^2/NDF: 374.8/22

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -164.138+/-2.441 χ^2/NDF:1185.9/4

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

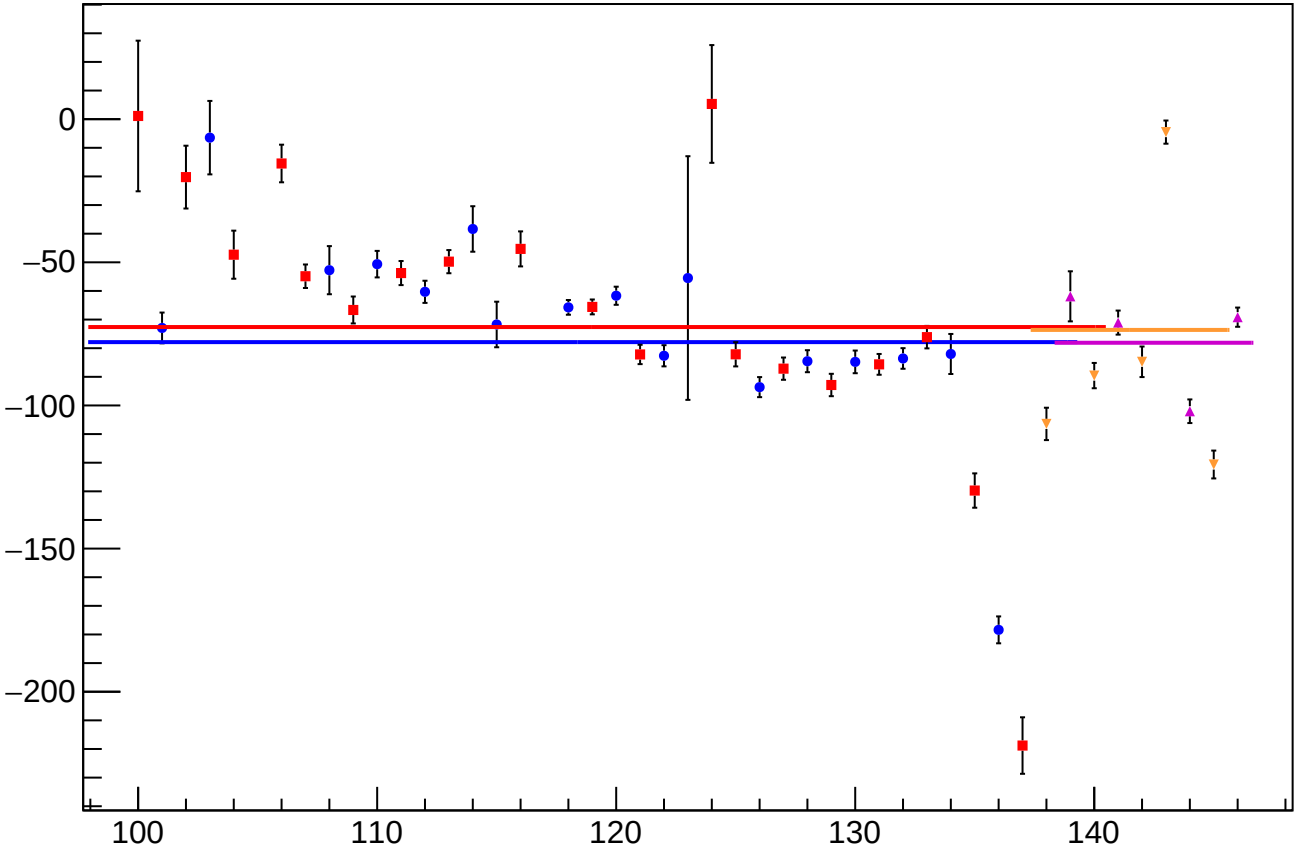
Left In: -216.332+/-2.489 χ^2/NDF:53.5/3

+ sign -188.461+/-1.438 χ^2/NDF: 1961.4/21

All: -192.051+/-1.005 χ^2/NDF: 3879.4/44

- sign -195.472+/-1.404 χ^2/NDF: 1905.8/22

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -73.615+/-2.127 χ^2/NDF:436.3/4

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

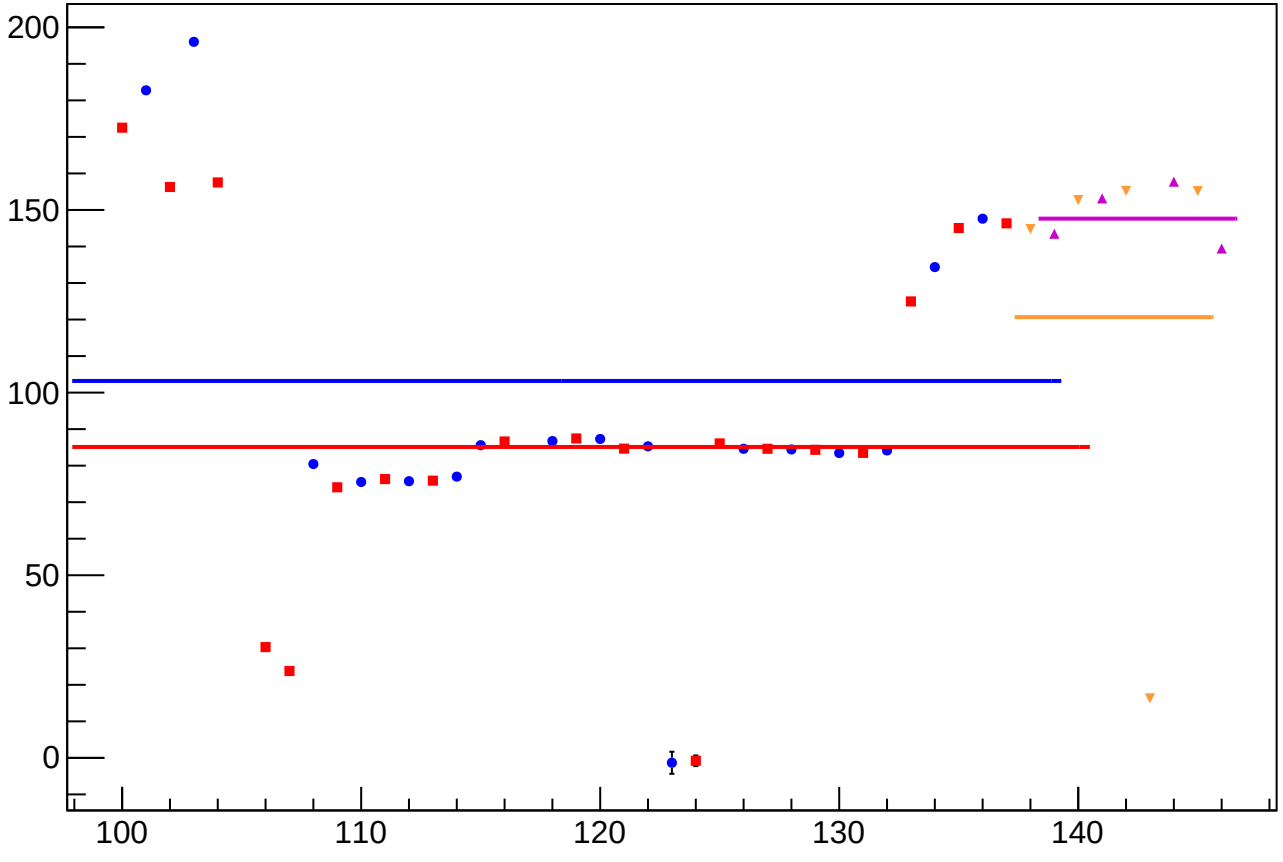
Left In: -78.100+/-2.146 χ^2/NDF:46.9/3

+ sign -77.022+/-0.953 χ^2/NDF: 1097.7/21

All: -75.338+/-0.671 χ^2/NDF: 1763.0/44

- sign -73.678+/-0.946 χ^2/NDF: 659.1/22

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 120.664+/-0.099 χ^2/NDF:327978.4/4

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

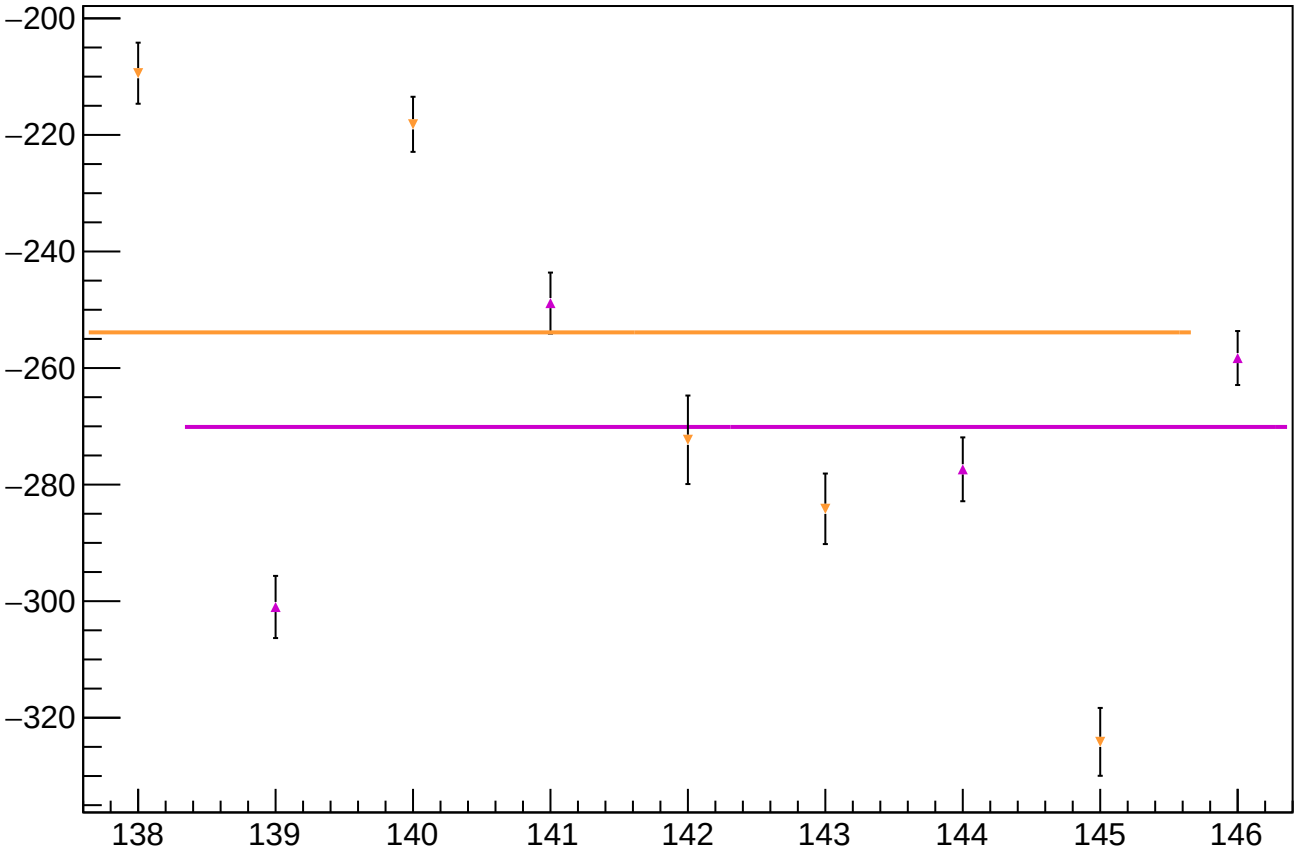
Left In: 147.622+/-0.103 χ^2/NDF:4819.9/3

+ sign 109.028+/-0.057 χ^2/NDF: 622194.8/21

All: 105.527+/-0.039 χ^2/NDF: 1323591.8/44

- sign 102.405+/-0.054 χ^2/NDF: 694360.3/22

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -253.880+/-2.537 χ^2/NDF:305.6/4

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

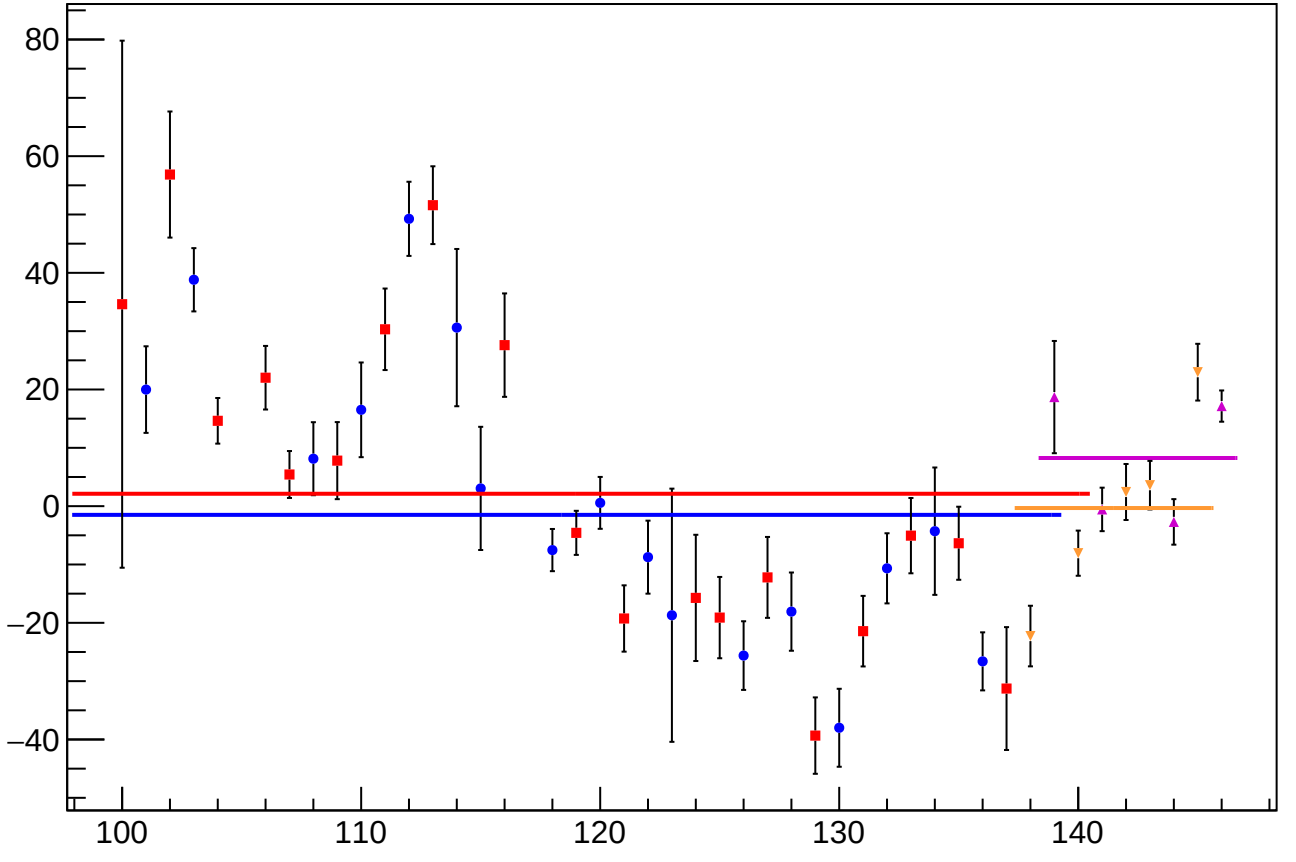
Left In: -270.105+/-2.568 χ^2/NDF:58.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -261.895+/-1.805 χ^2/NDF: 384.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.492+/-1.513 χ^2/NDF: 226.1/16

Left Out: -0.320+/-2.011 χ^2/NDF:46.0/4

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

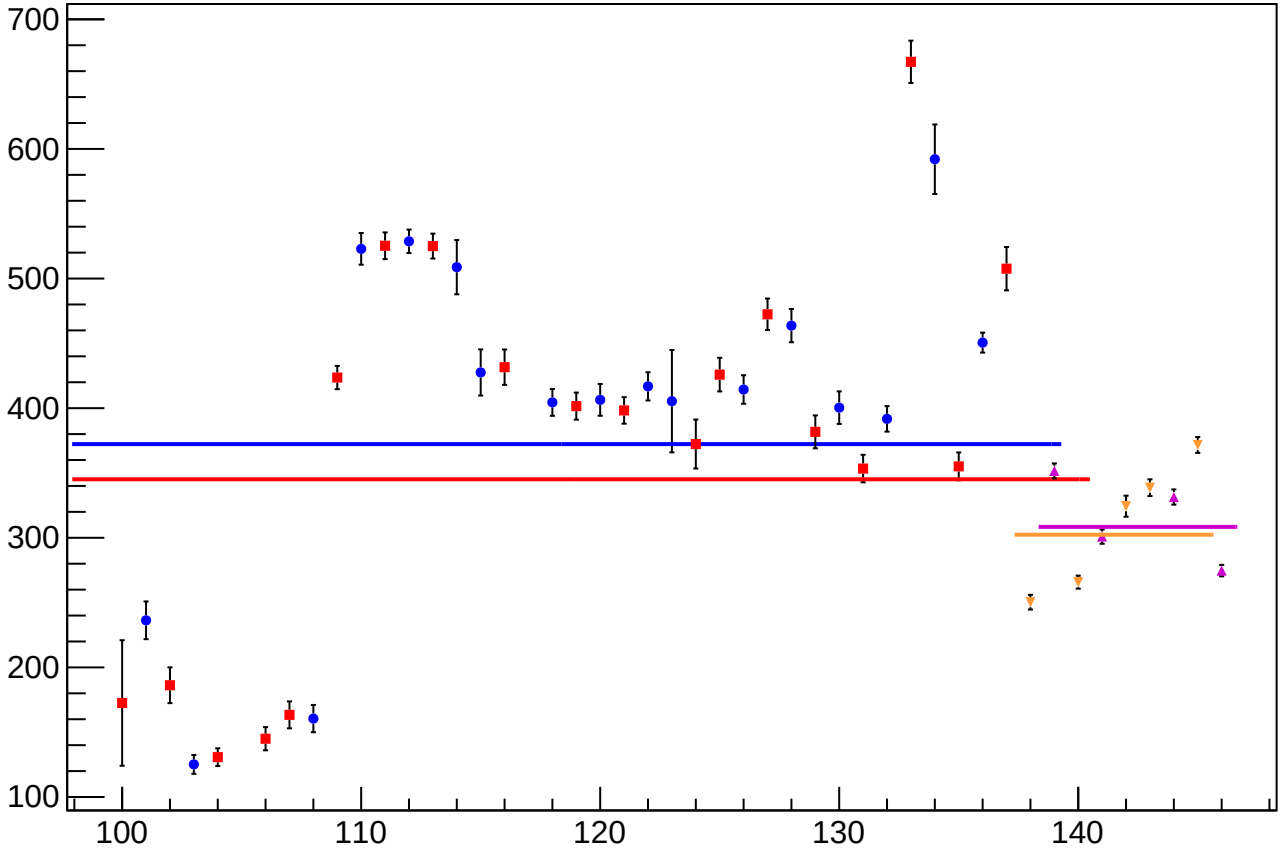
Left In: 8.257+/-1.864 χ^2/NDF:25.7/3

+ sign -1.068+/-1.209 χ^2/NDF: 272.3/21

All: 1.843+/-0.822 χ^2/NDF: 548.3/44

- sign 4.342+/-1.121 χ^2/NDF: 265.2/22

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 302.358+/-2.708 χ^2/NDF:304.3/4

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

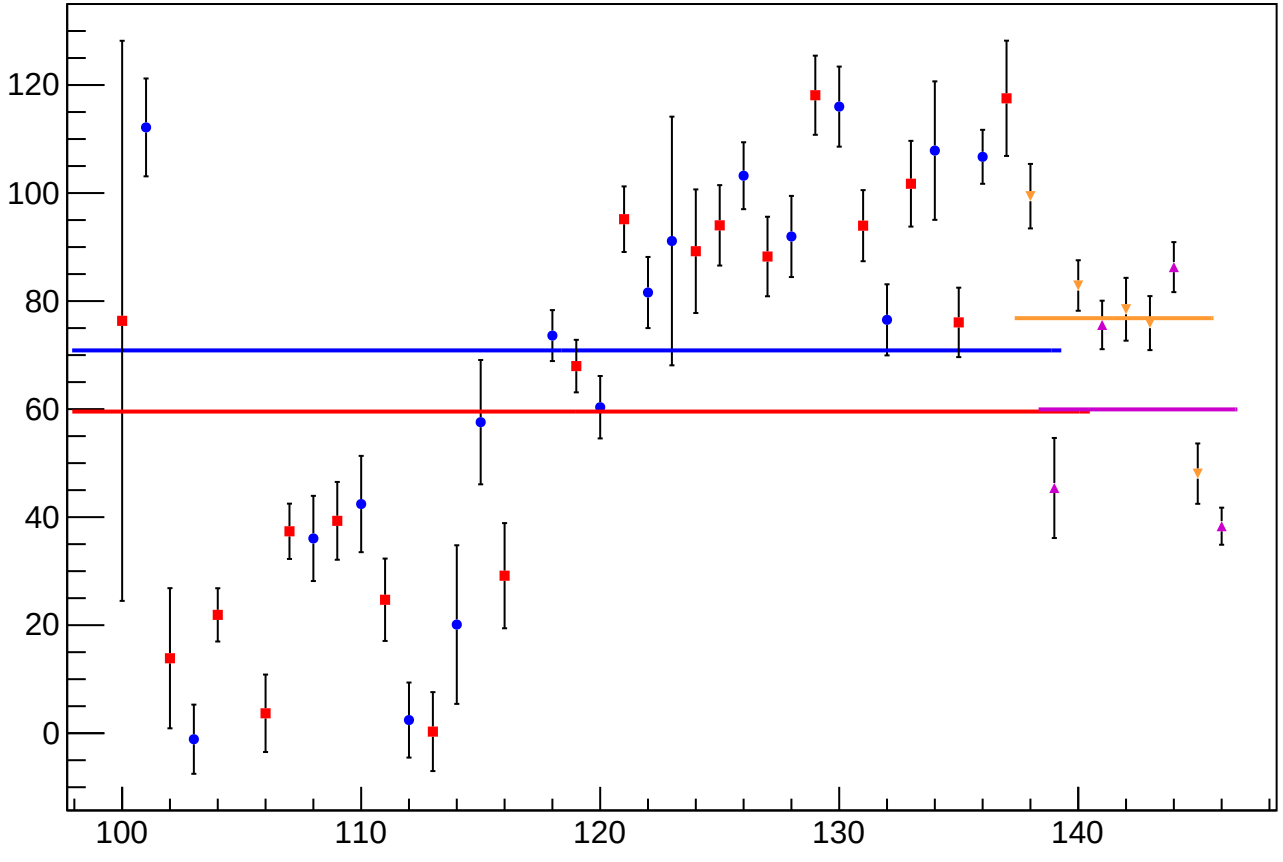
Left In: 308.409+/-2.648 χ^2/NDF:131.3/3

+ sign 336.647+/-1.933 χ^2/NDF: 3064.4/21

All: 331.790+/-1.333 χ^2/NDF: 6723.6/44

- sign 327.380+/-1.841 χ^2/NDF: 3647.1/22

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 76.836+/-2.388 χ^2/NDF:42.6/4

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

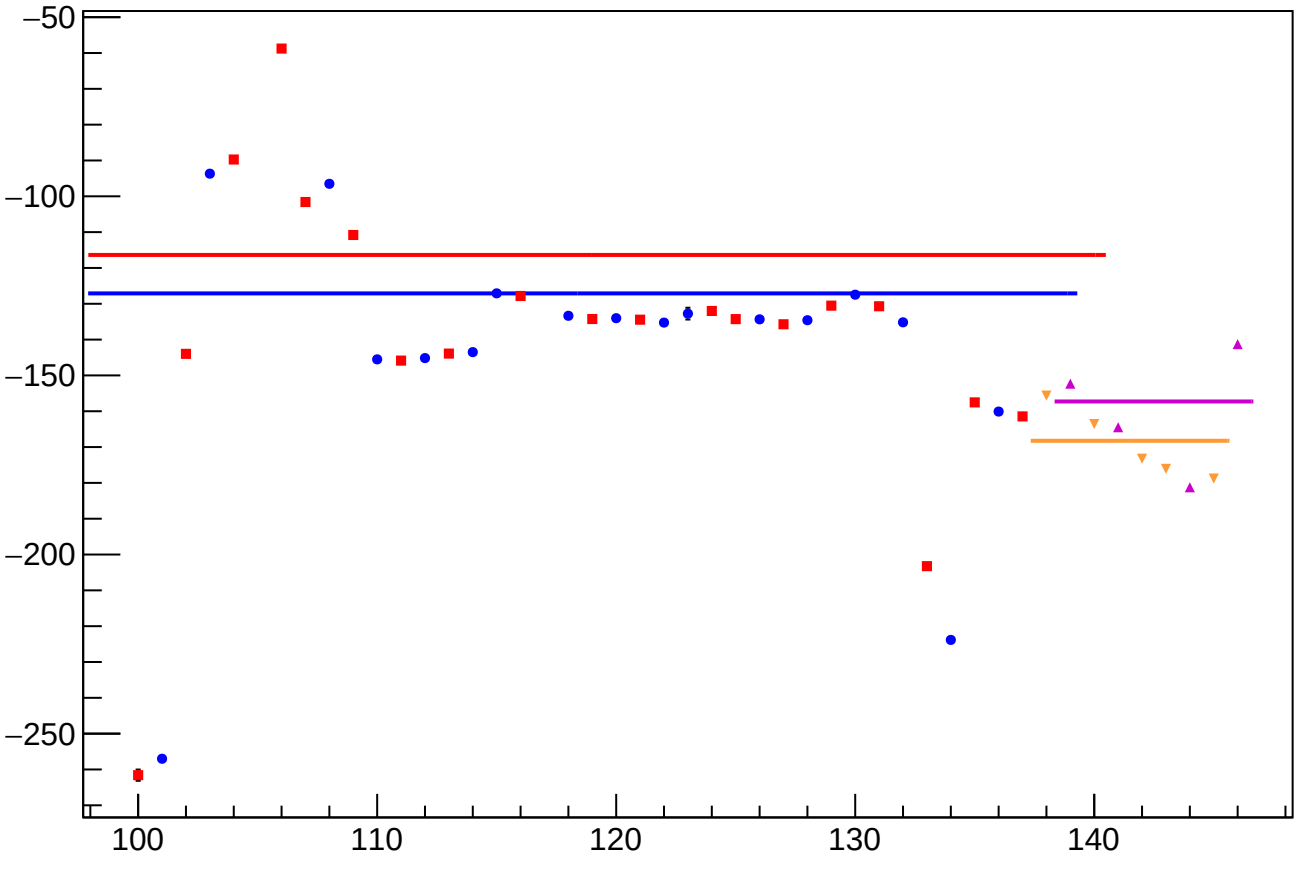
Left In: 59.946+/-2.277 χ^2/NDF:86.7/3

+ sign 72.942+/-1.408 χ^2/NDF: 473.7/21

All: 65.921+/-0.966 χ^2/NDF: 1098.2/44

- sign 59.682+/-1.327 χ^2/NDF: 577.6/22

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -168.246+/-0.111 χ^2/NDF:6637.7/4

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

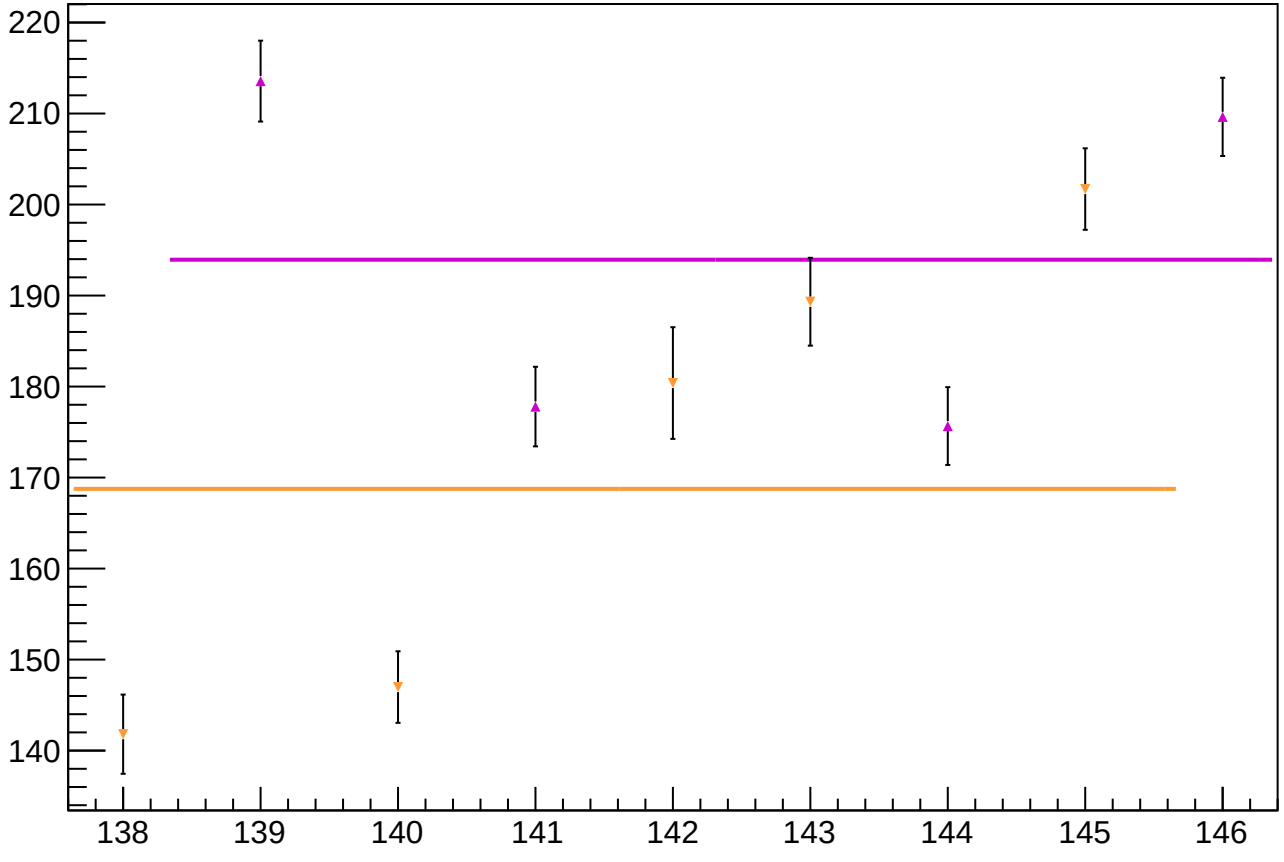
Left In: -157.273+/-0.110 χ^2/NDF:16524.3/3

+ sign -143.359+/-0.070 χ^2/NDF: 257311.0/21

All: -136.998+/-0.048 χ^2/NDF: 545854.0/44

- sign -131.246+/-0.066 χ^2/NDF: 272619.5/22

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 168.763+/-2.055 χ^2/NDF:144.9/4

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

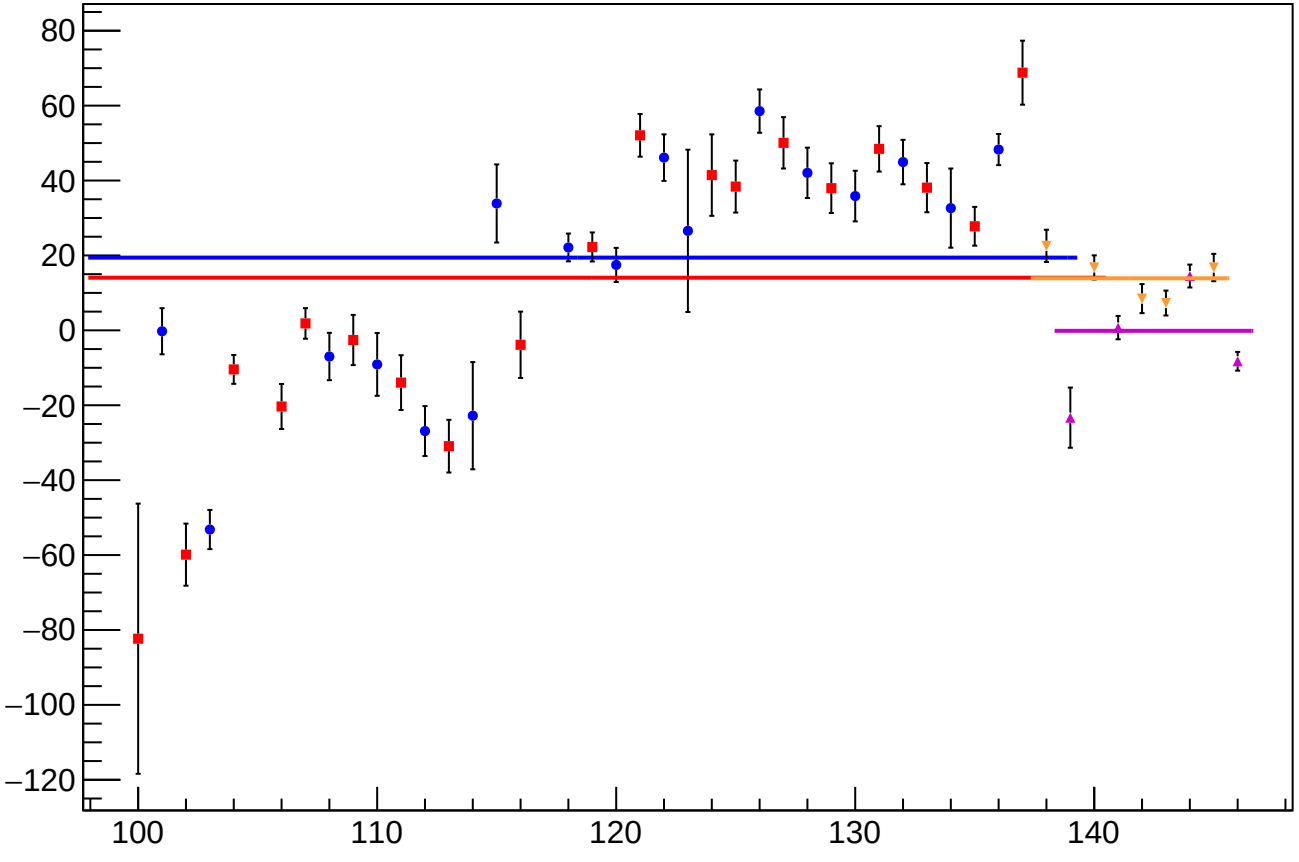
Left In: 193.937+/-2.173 χ^2/NDF:64.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 180.647+/-1.493 χ^2/NDF: 280.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416+/-1.480 χ^2/NDF: 441.1/16

Left Out: 13.901+/-1.617 χ^2/NDF:11.4/4

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

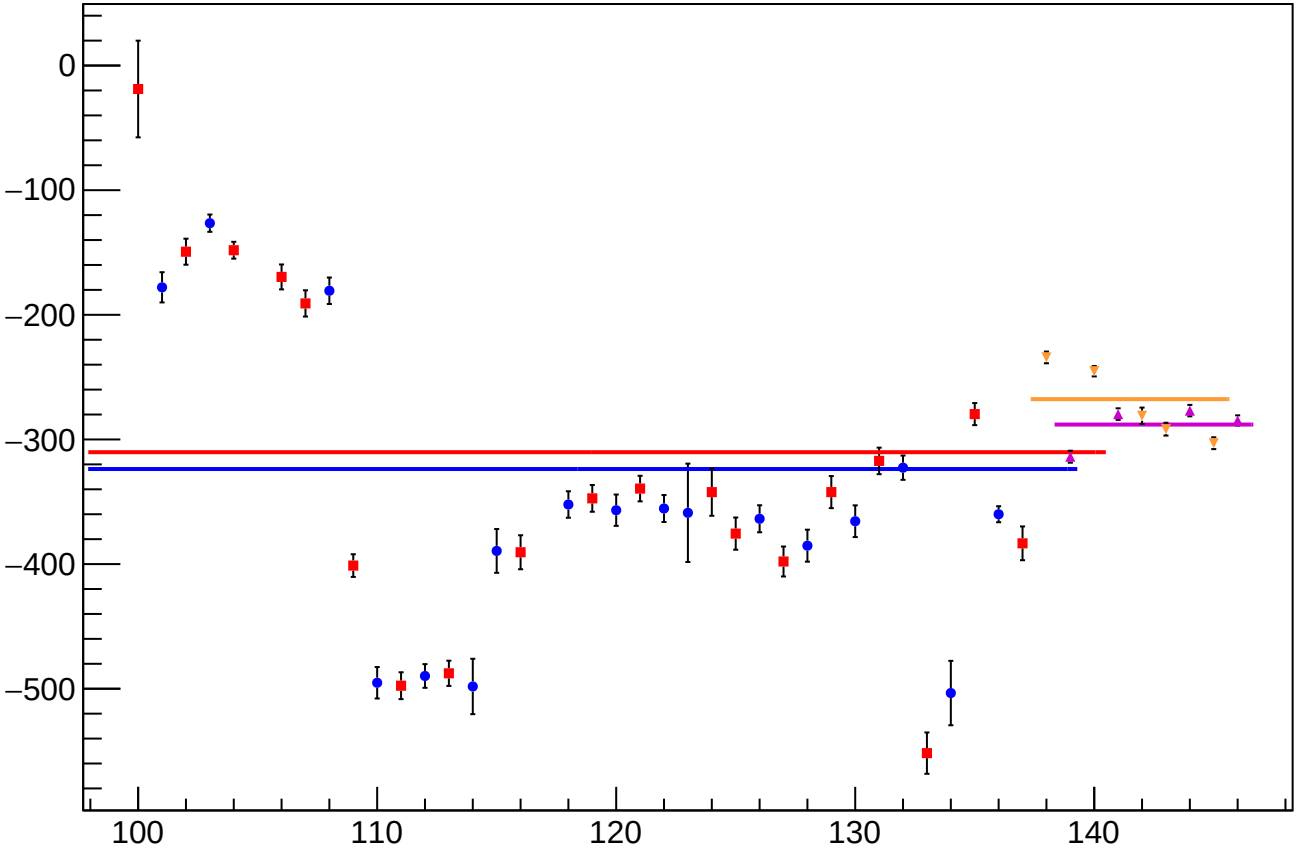
Left In: -0.128+/-1.612 χ^2/NDF:41.9/3

+ sign 16.903+/-1.092 χ^2/NDF: 458.8/21

All: 12.290+/-0.758 χ^2/NDF: 1016.1/44

- sign 7.995+/-1.053 χ^2/NDF: 522.8/22

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -267.663+/-2.196 χ^2/NDF:160.5/4

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

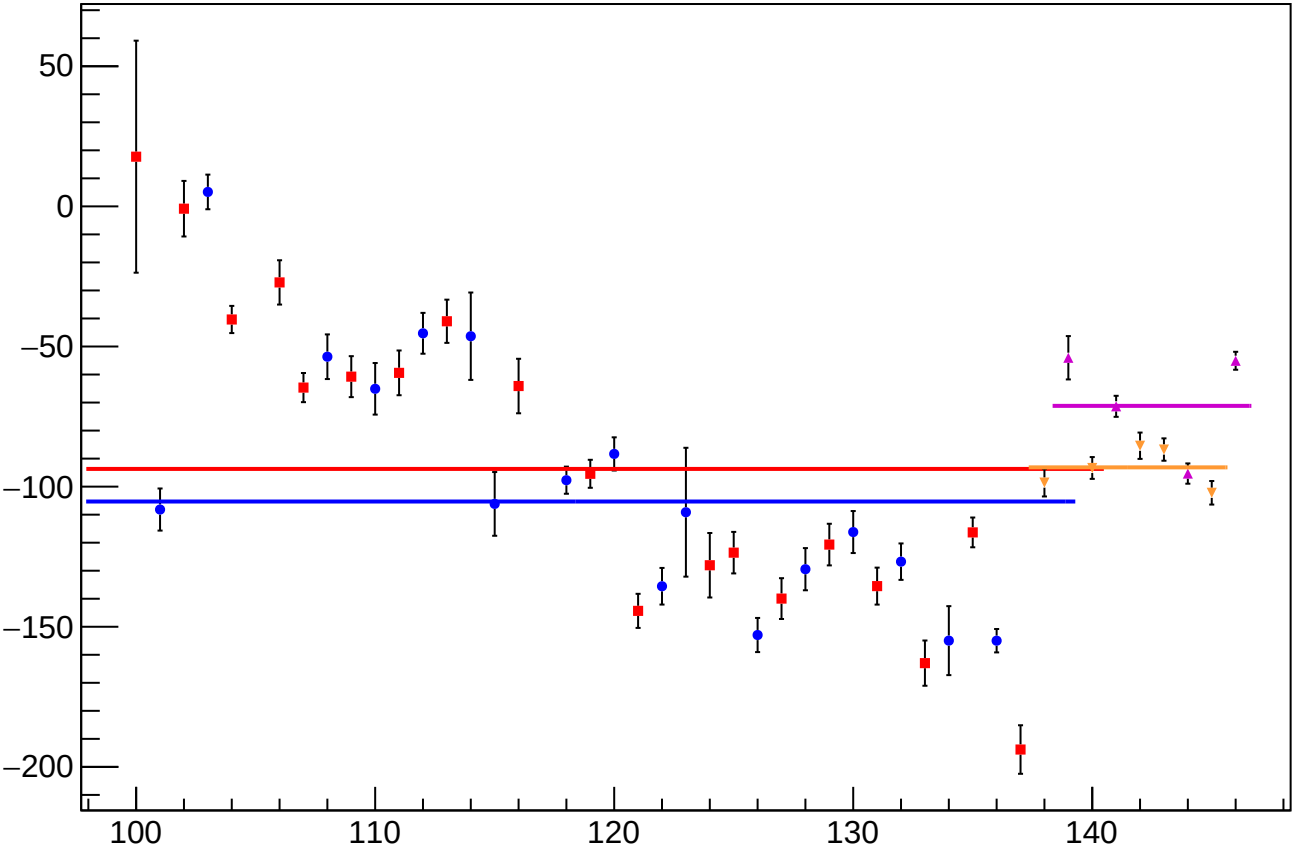
Left In: -288.041+/-2.255 χ^2/NDF:38.6/3

+ sign -290.307+/-1.696 χ^2/NDF: 2274.4/21

All: -294.133+/-1.194 χ^2/NDF: 4666.1/44

- sign -297.895+/-1.681 χ^2/NDF: 2381.6/22

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -93.125+/-1.919 χ^2/NDF:11.1/4

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

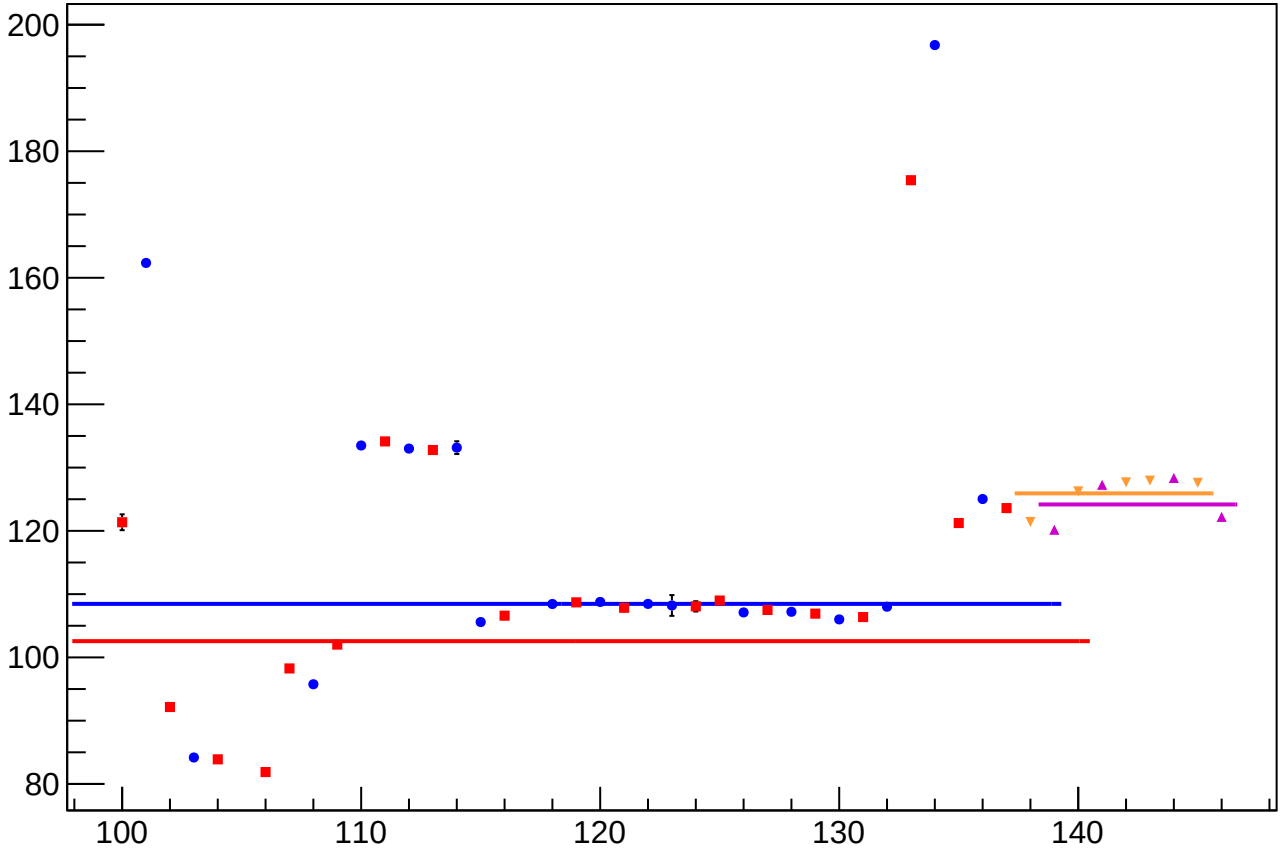
Left In: -71.180+/-1.955 χ^2/NDF:74.7/3

+ sign -99.974+/-1.270 χ^2/NDF: 771.3/21

All: -92.117+/-0.888 χ^2/NDF: 1826.4/44

- sign -84.578+/-1.244 χ^2/NDF: 980.1/22

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 125.927+/-0.090 χ^2/NDF:804.1/4

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

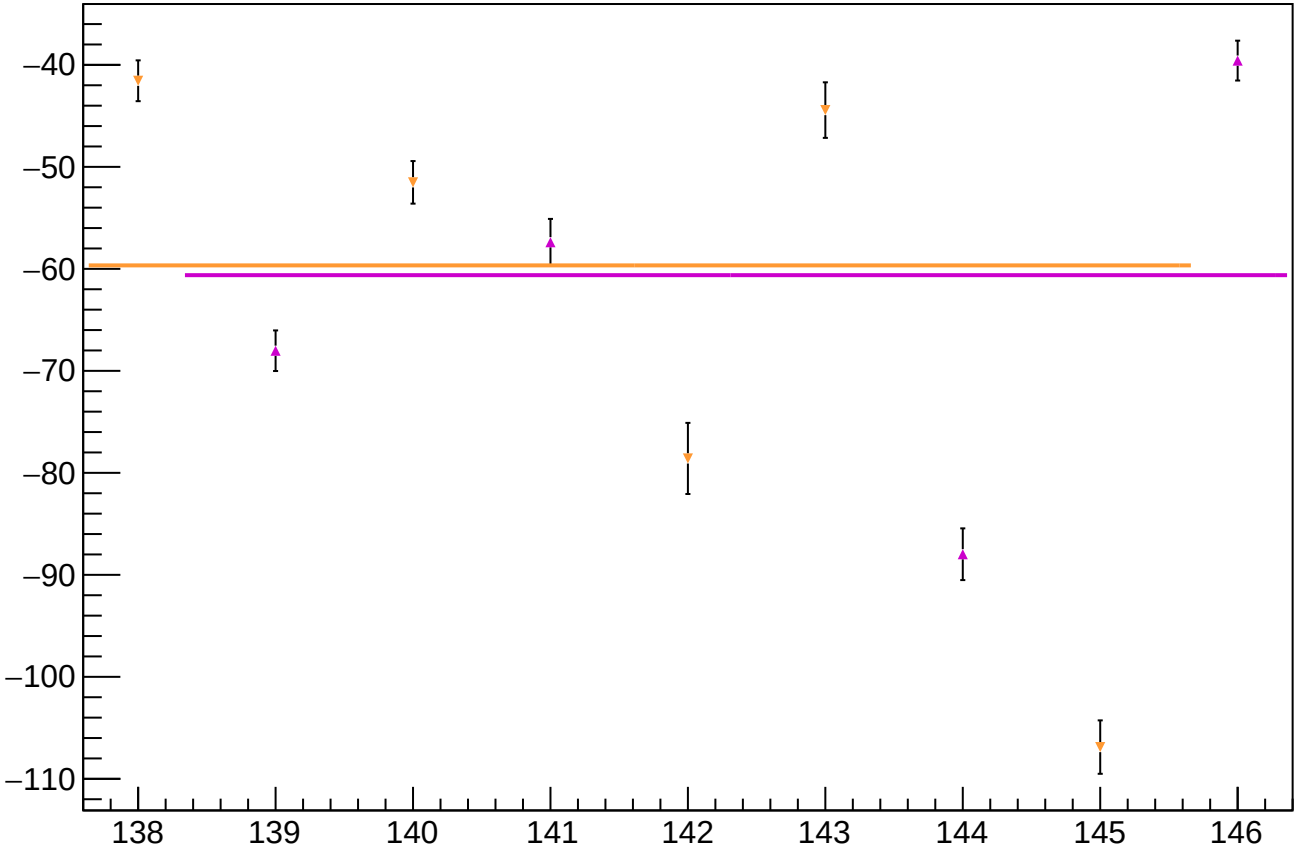
Left In: 124.174+/-0.093 χ^2/NDF:1373.4/3

+ sign 116.711+/-0.062 χ^2/NDF: 94185.1/21

All: 114.156+/-0.043 χ^2/NDF: 183307.5/44

- sign 111.694+/-0.060 χ^2/NDF: 85735.9/22

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -59.659+/-1.090 χ^2/NDF:483.0/4

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

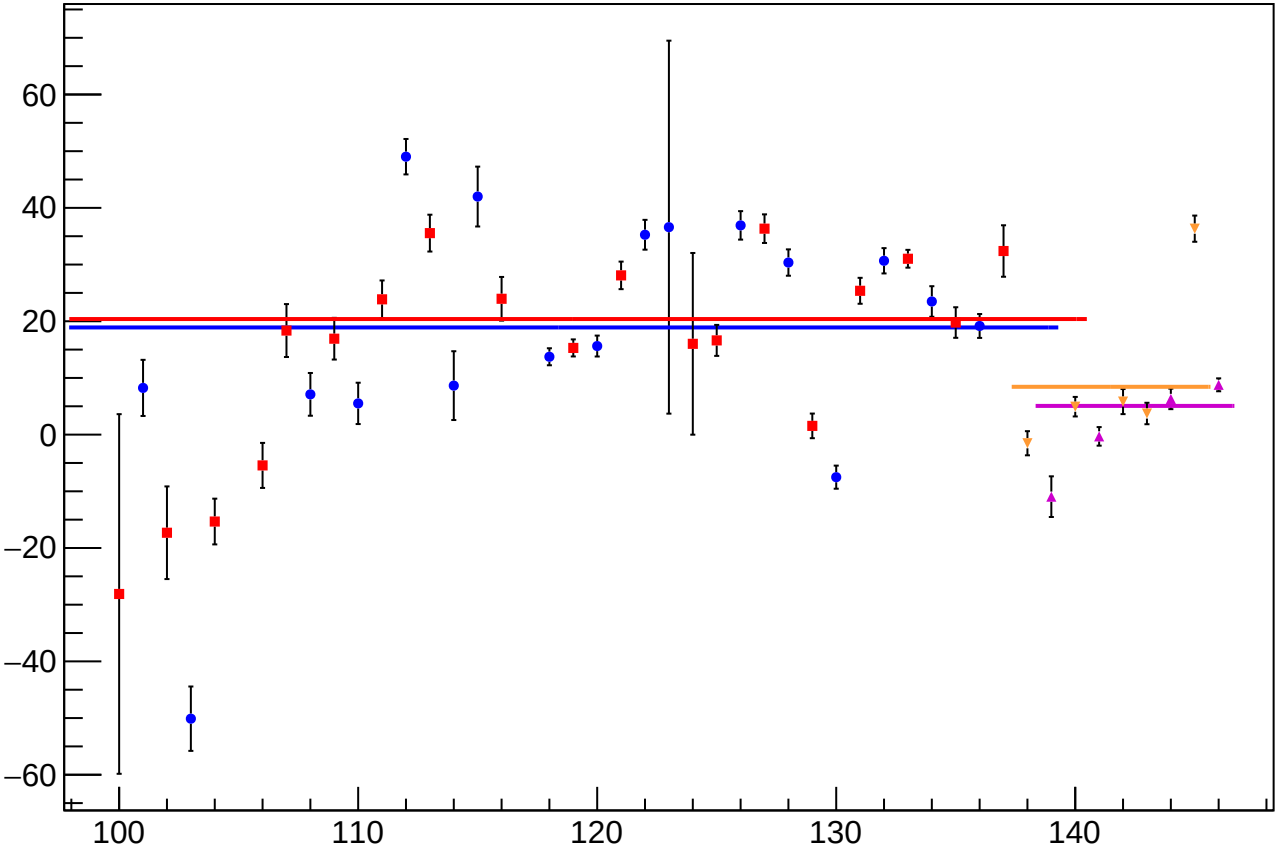
Left In: -60.618+/-1.078 χ^2/NDF:248.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -60.144+/-0.766 χ^2/NDF: 731.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 8.436+/-0.902 χ^2/NDF:179.3/4

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

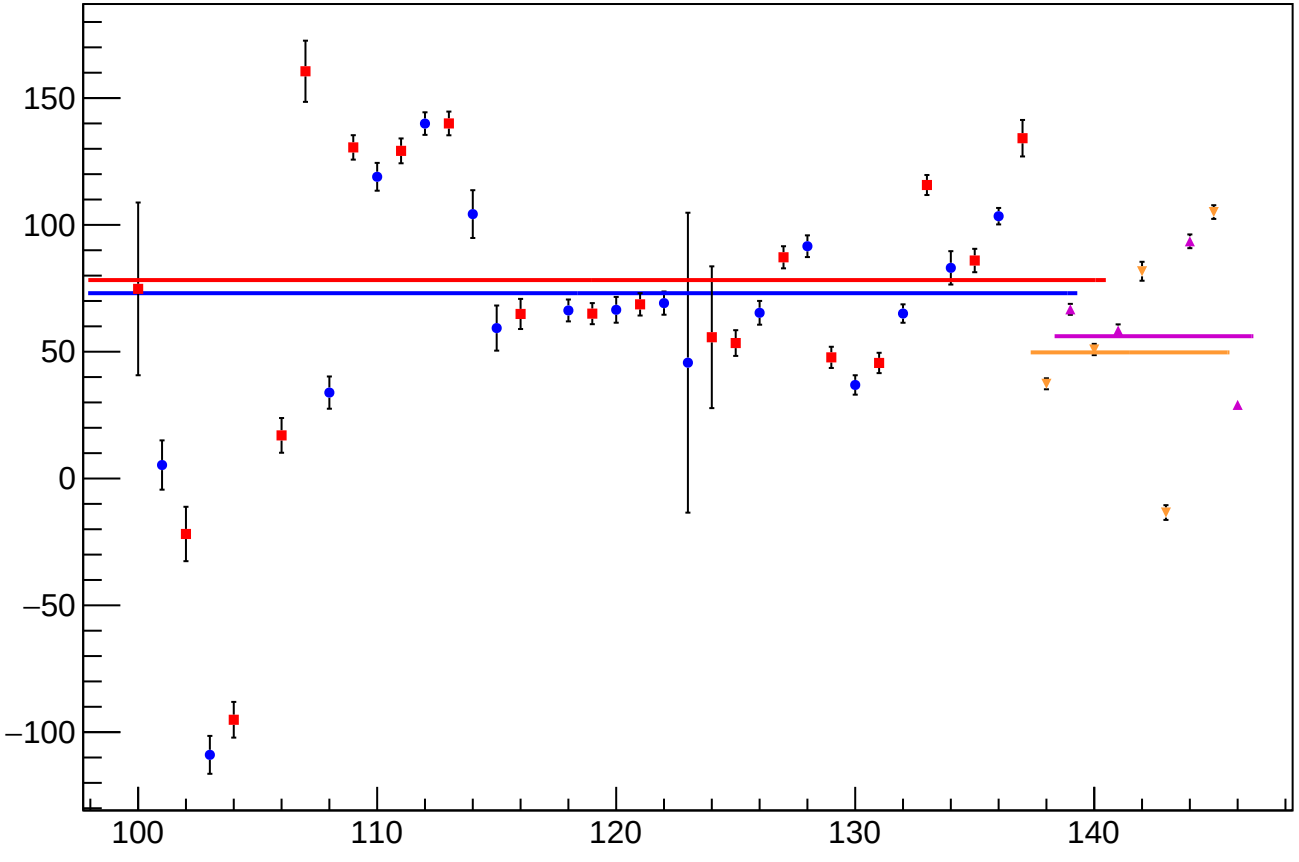
Left In: 5.066+/-0.809 χ^2/NDF:41.8/3

+ sign 15.376+/-0.524 χ^2/NDF: 887.5/21

All: 14.894+/-0.363 χ^2/NDF: 1515.9/44

- sign 14.449+/-0.504 χ^2/NDF: 626.7/22

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 49.732+/-1.161 χ^2/NDF:996.6/4

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

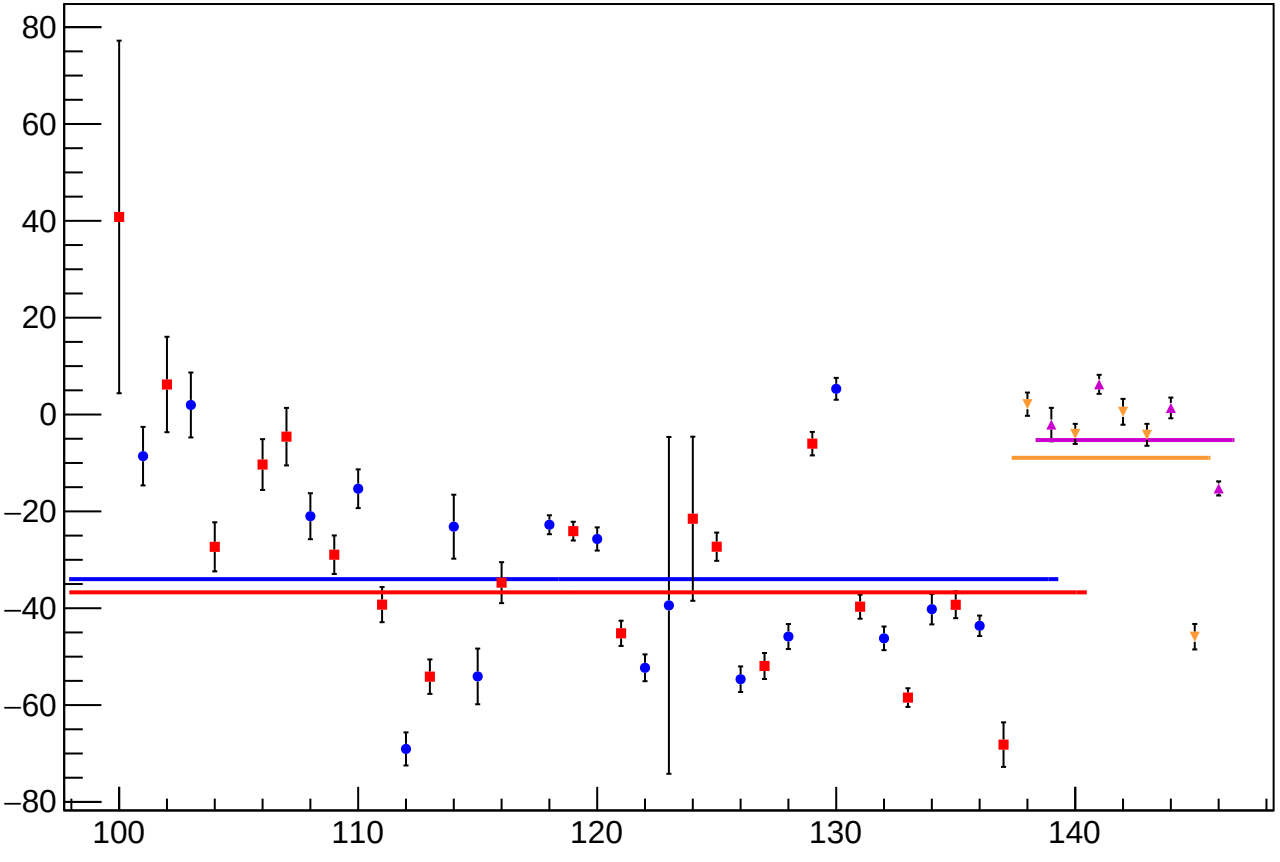
Left In: 56.110+/-1.113 χ^2/NDF:425.5/3

+ sign 60.751+/-0.844 χ^2/NDF: 2387.3/21

All: 63.514+/-0.589 χ^2/NDF: 4555.5/44

- sign 66.143+/-0.823 χ^2/NDF: 2147.3/22

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -8.941+/-1.062 χ^2/NDF:241.2/4

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

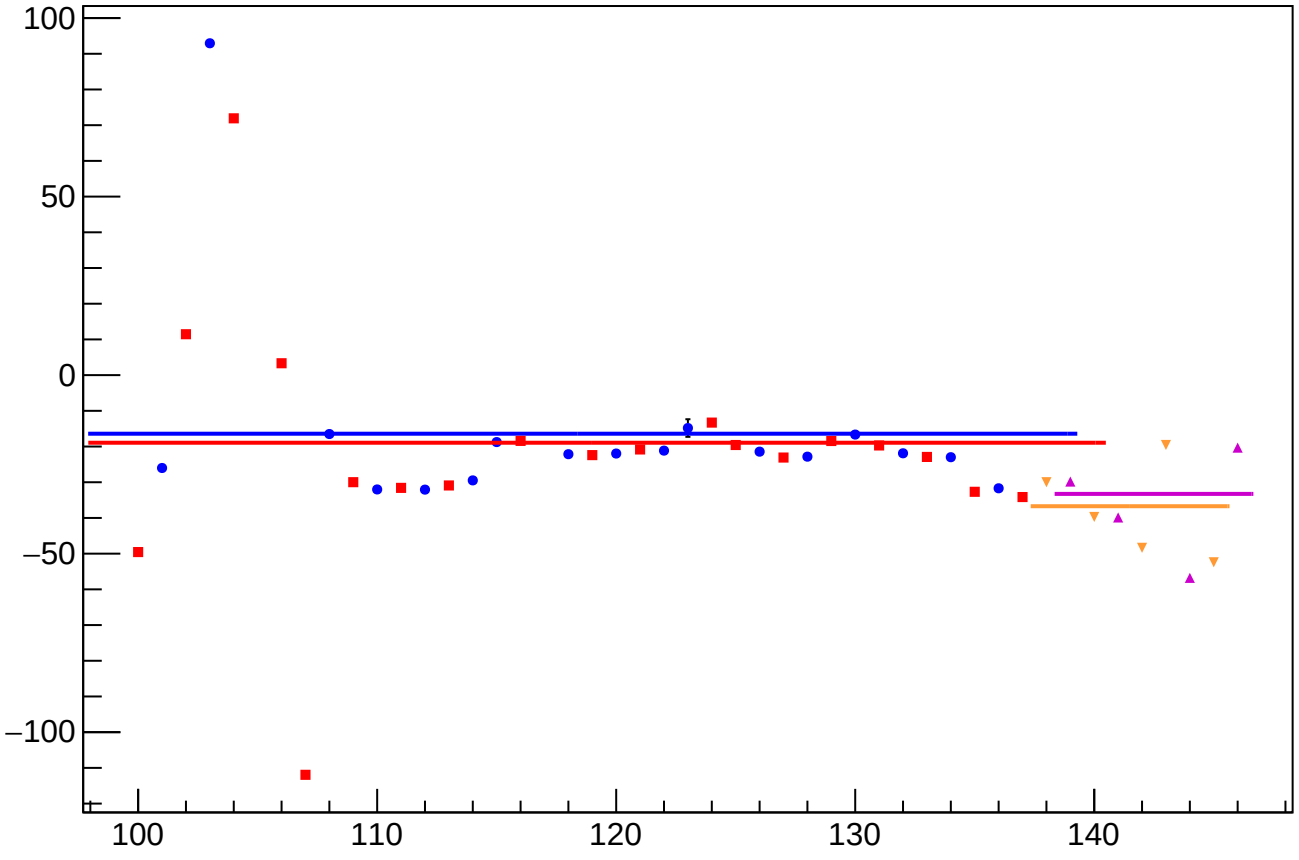
Left In: -5.269+/-0.985 χ^2/NDF:91.6/3

+ sign -25.857+/-0.605 χ^2/NDF: 1336.9/21

All: -25.642+/-0.422 χ^2/NDF: 2625.3/44

- sign -25.437+/-0.590 χ^2/NDF: 1288.1/22

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -36.716+/-0.047 χ^2/NDF:56603.7/4

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

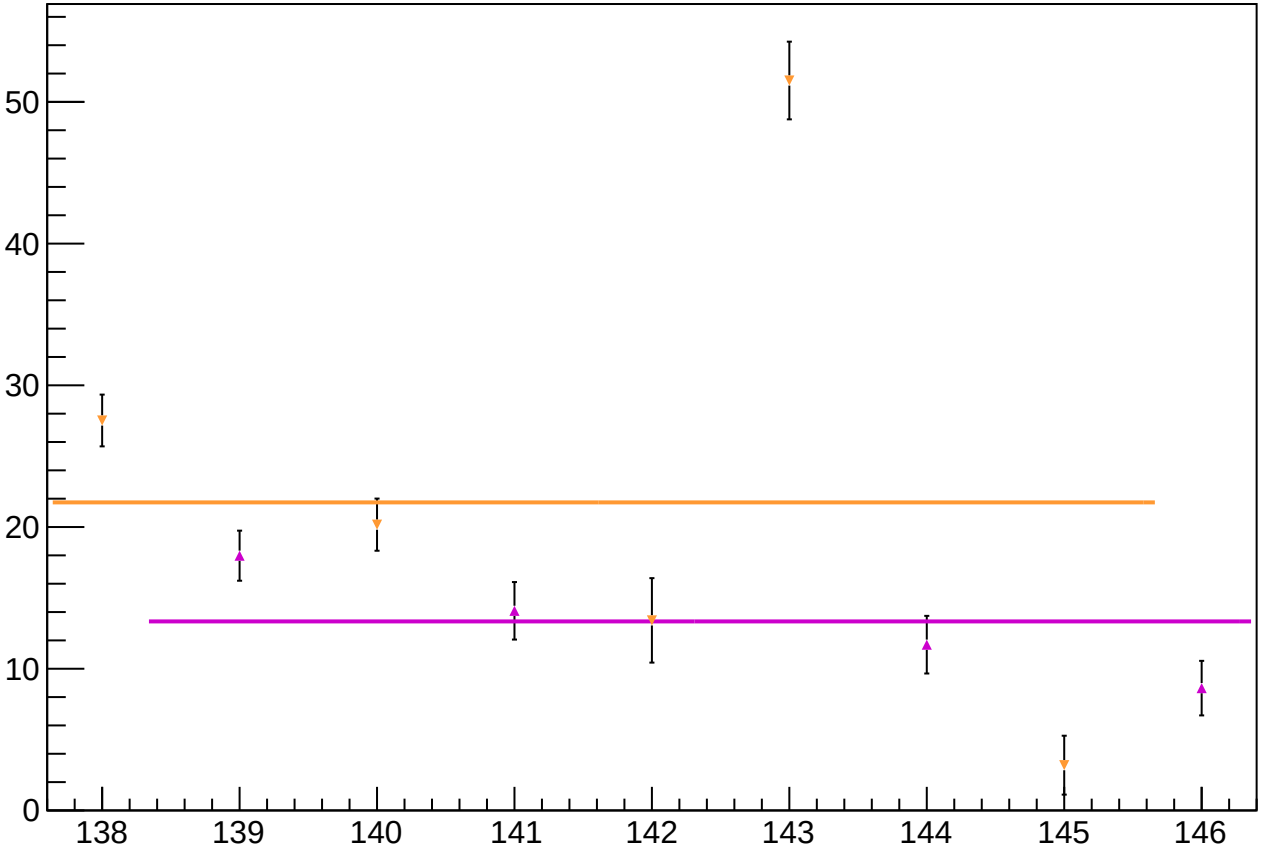
Left In: -33.265+/-0.045 χ^2/NDF:68355.9/3

+ sign -25.985+/-0.032 χ^2/NDF: 629539.3/21

All: -26.023+/-0.023 χ^2/NDF: 1181958.5/44

- sign -26.061+/-0.032 χ^2/NDF: 552416.4/22

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 21.739+/-0.966 χ^2/NDF:216.1/4

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

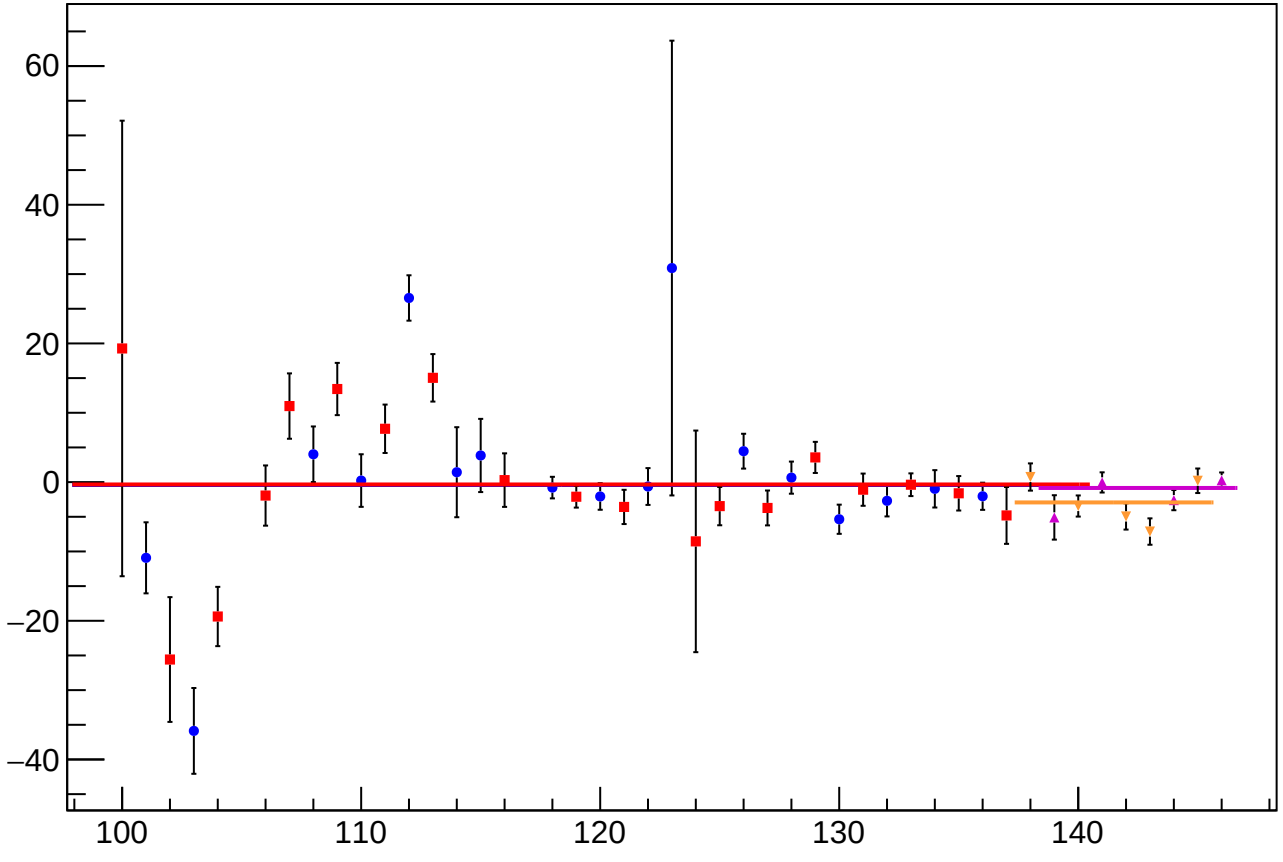
Left In: 13.340+/-0.964 χ^2/NDF:13.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 17.533+/-0.682 χ^2/NDF: 267.6/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414+/-0.653 χ^2/NDF: 119.9/16

Left Out: -2.930+/-0.799 χ^2/NDF:12.7/4

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

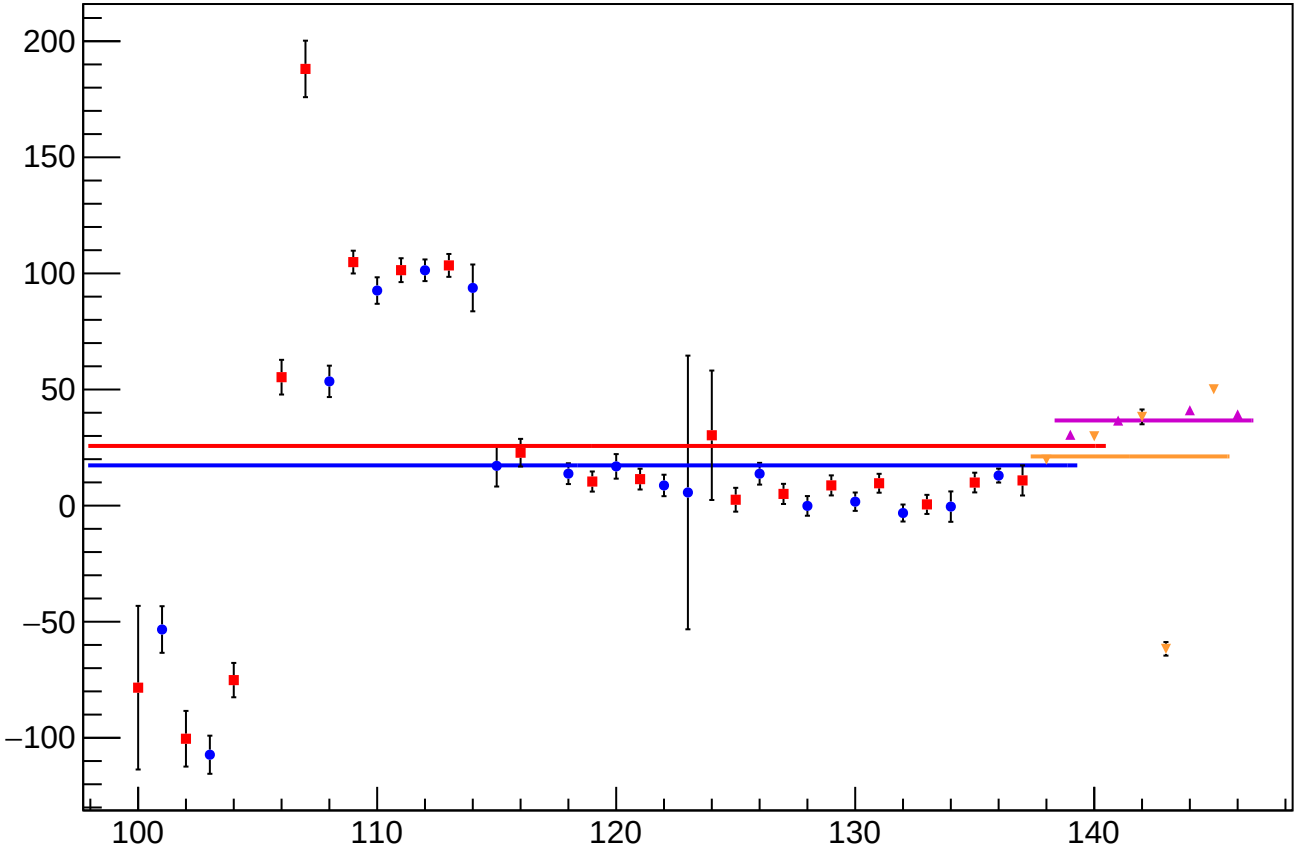
Left In: -0.844+/-0.741 χ^2/NDF:4.5/3

+ sign -1.421+/-0.506 χ^2/NDF: 138.6/21

All: -0.980+/-0.353 χ^2/NDF: 228.5/44

- sign -0.563+/-0.492 χ^2/NDF: 88.4/22

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 21.180+/-1.031 χ^2/NDF:1026.8/4

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

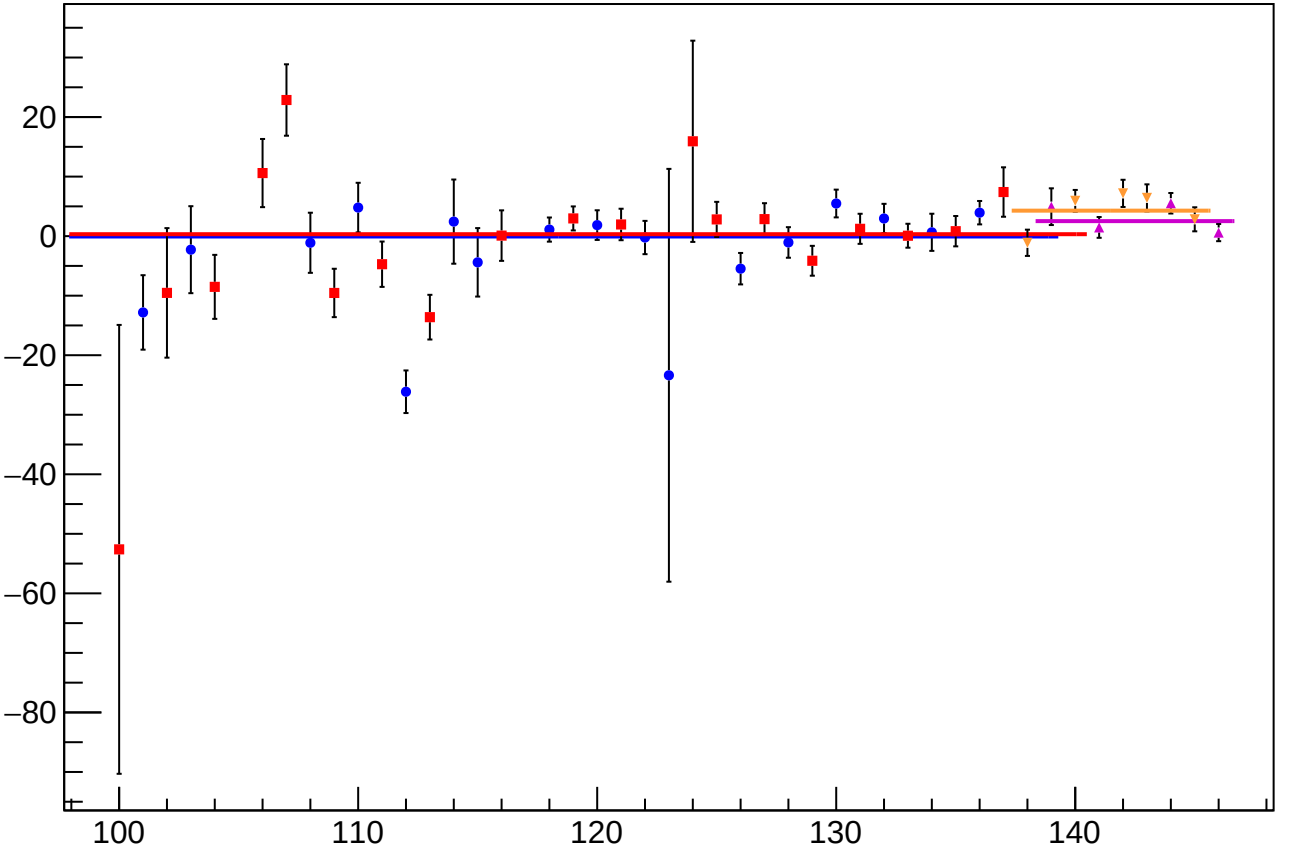
Left In: 36.674+/-1.003 χ^2/NDF:16.5/3

+ sign 19.604+/-0.792 χ^2/NDF: 1975.7/21

All: 26.073+/-0.556 χ^2/NDF: 3549.8/44

- sign 32.347+/-0.780 χ^2/NDF: 1442.8/22

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 4.280+/-0.939 χ^2/NDF:9.8/4

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

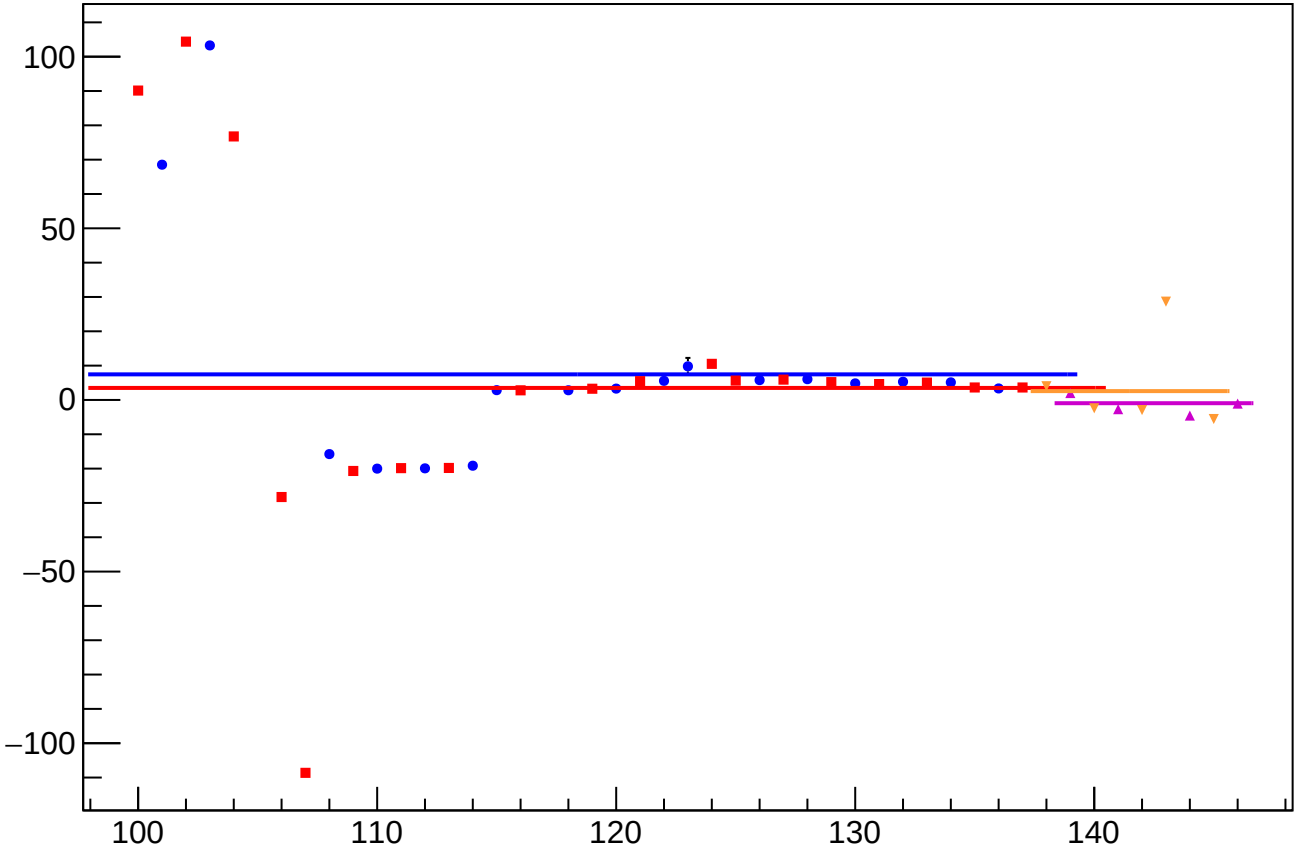
Left In: 2.522+/-0.895 χ^2/NDF:5.8/3

+ sign 1.614+/-0.583 χ^2/NDF: 99.5/21

All: 1.420+/-0.409 χ^2/NDF: 164.2/44

- sign 1.231+/-0.574 χ^2/NDF: 64.5/22

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 2.574+/-0.042 χ^2/NDF:64223.1/4

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

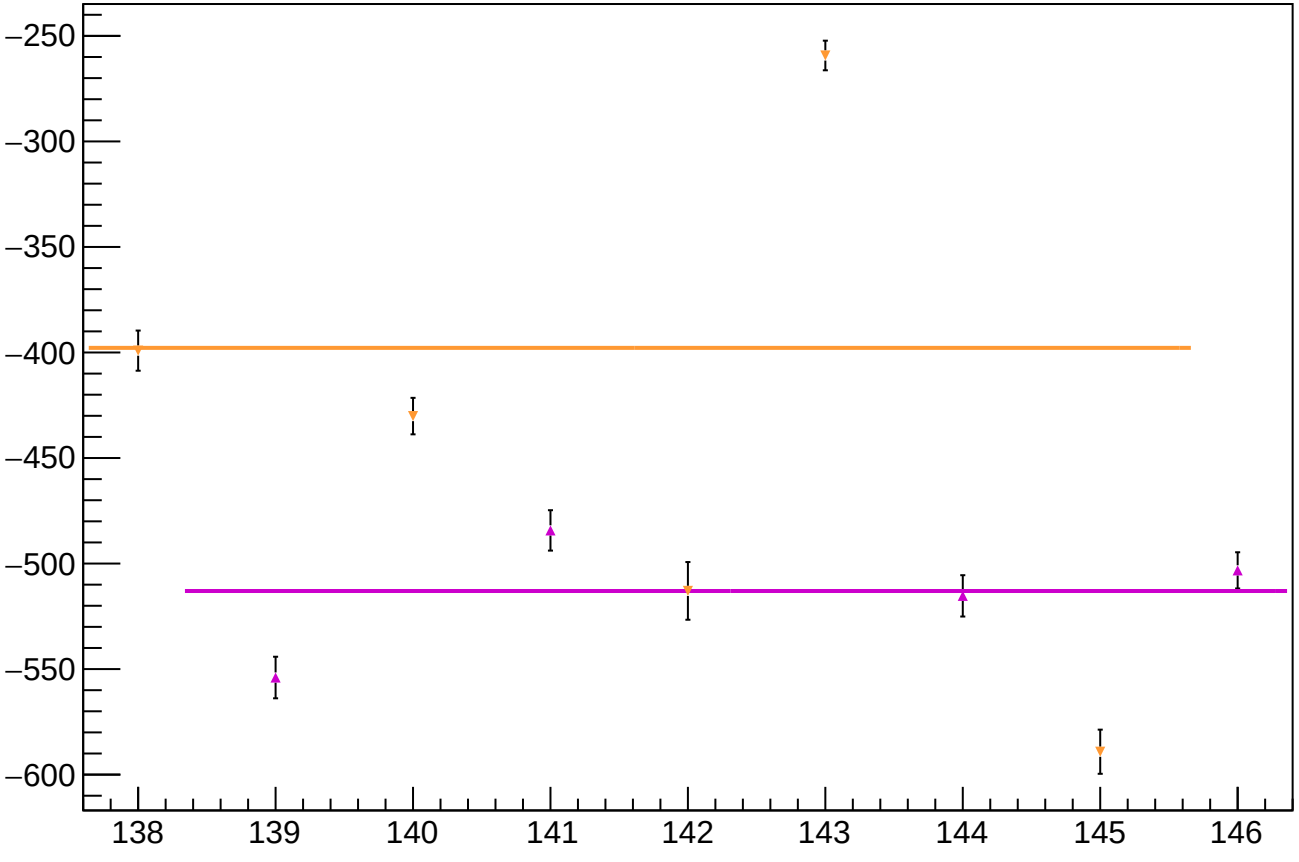
Left In: -0.947+/-0.041 χ^2/NDF:3759.1/3

+ sign 4.854+/-0.030 χ^2/NDF: 426705.8/21

All: 2.946+/-0.021 χ^2/NDF: 954241.5/44

- sign 1.035+/-0.030 χ^2/NDF: 519630.3/22

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -397.810+/-4.109 χ^2/NDF:809.2/4

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

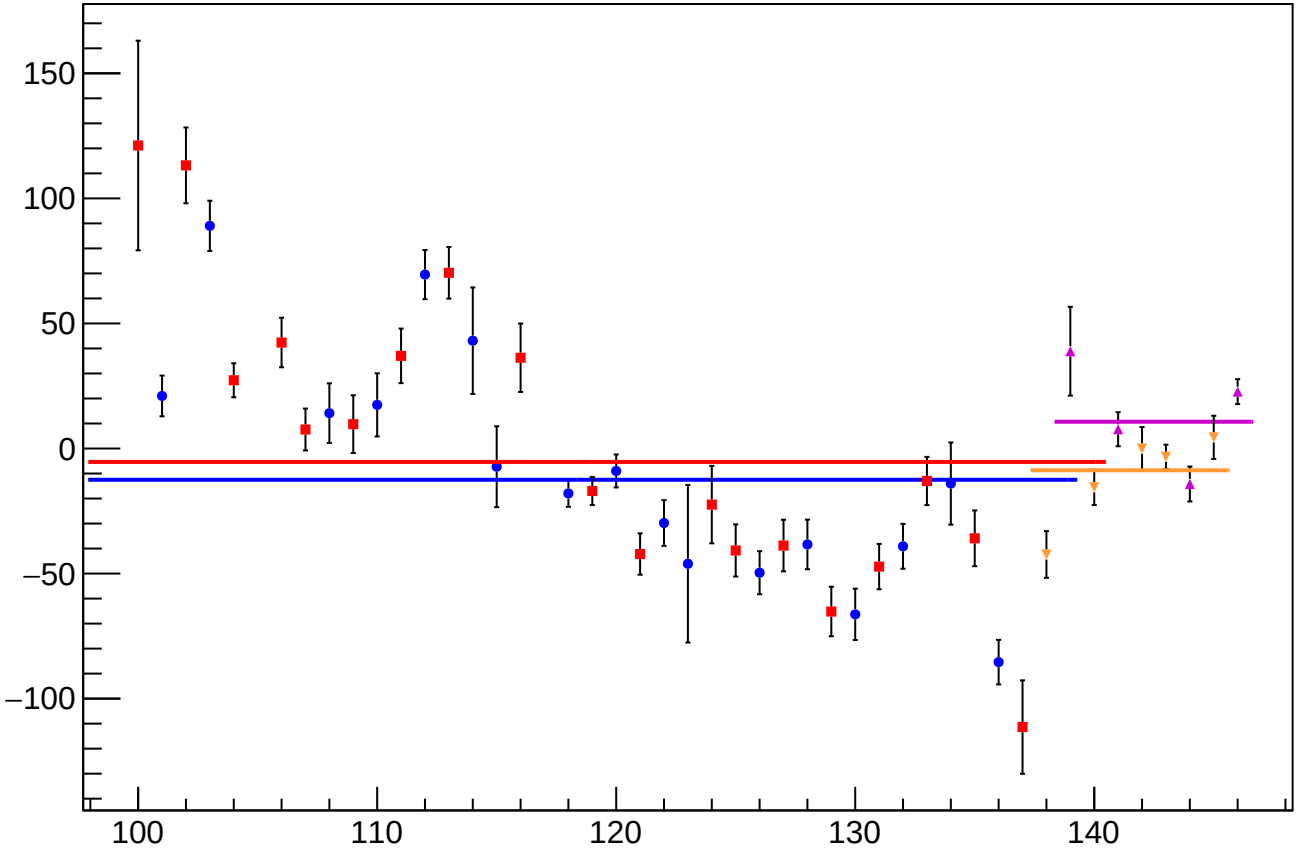
Left In: -513.007+/-4.700 χ^2/NDF:27.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -447.707+/-3.094 χ^2/NDF: 1177.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500+/-2.311 χ^2/NDF: 341.1/16

Left Out: -8.703+/-3.147 χ^2/NDF:18.5/4

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

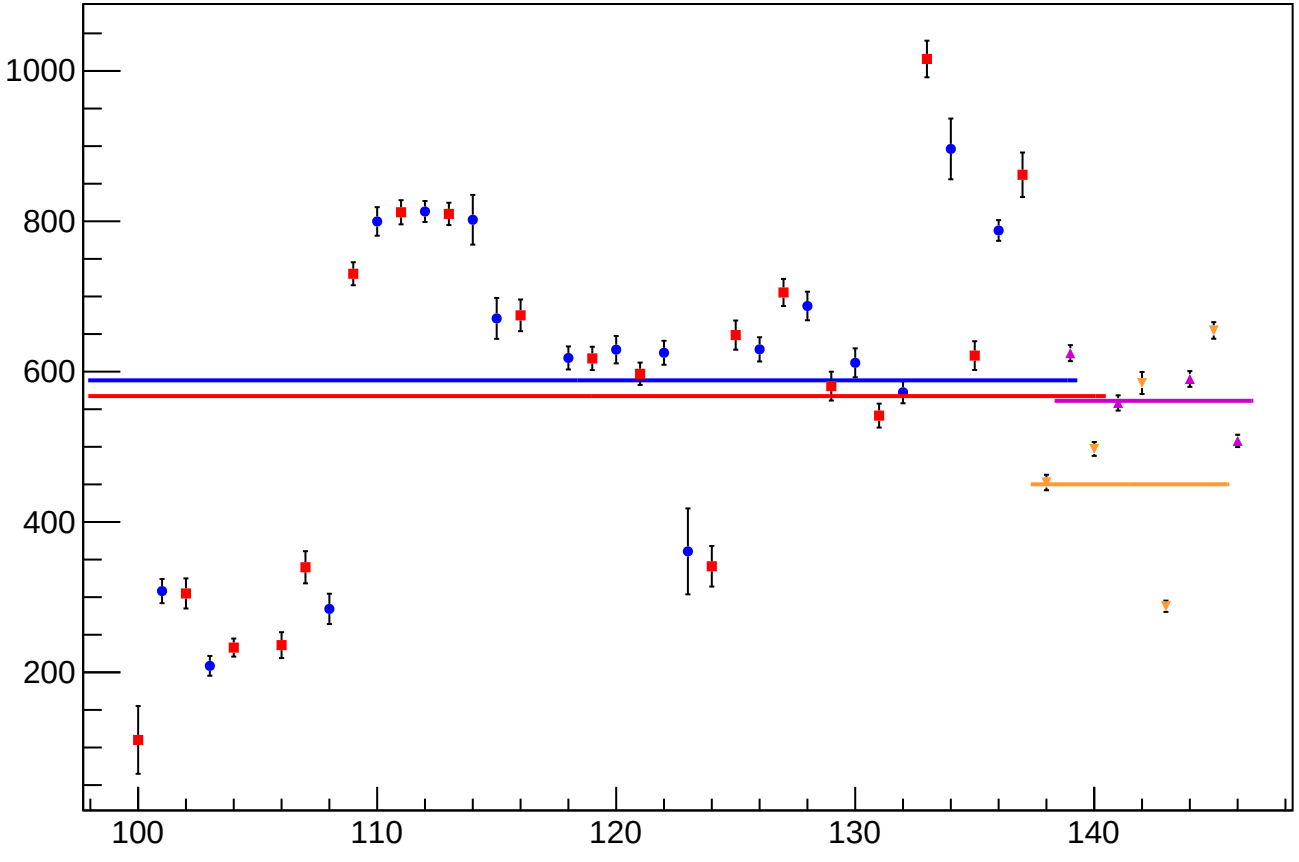
Left In: 10.700+/-3.416 χ^2/NDF:21.3/3

+ sign -11.170+/-1.863 χ^2/NDF: 360.5/21

All: -5.886+/-1.326 χ^2/NDF: 758.1/44

- sign -0.460+/-1.887 χ^2/NDF: 381.3/22

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 450.135+/-4.388 χ^2/NDF:924.9/4

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

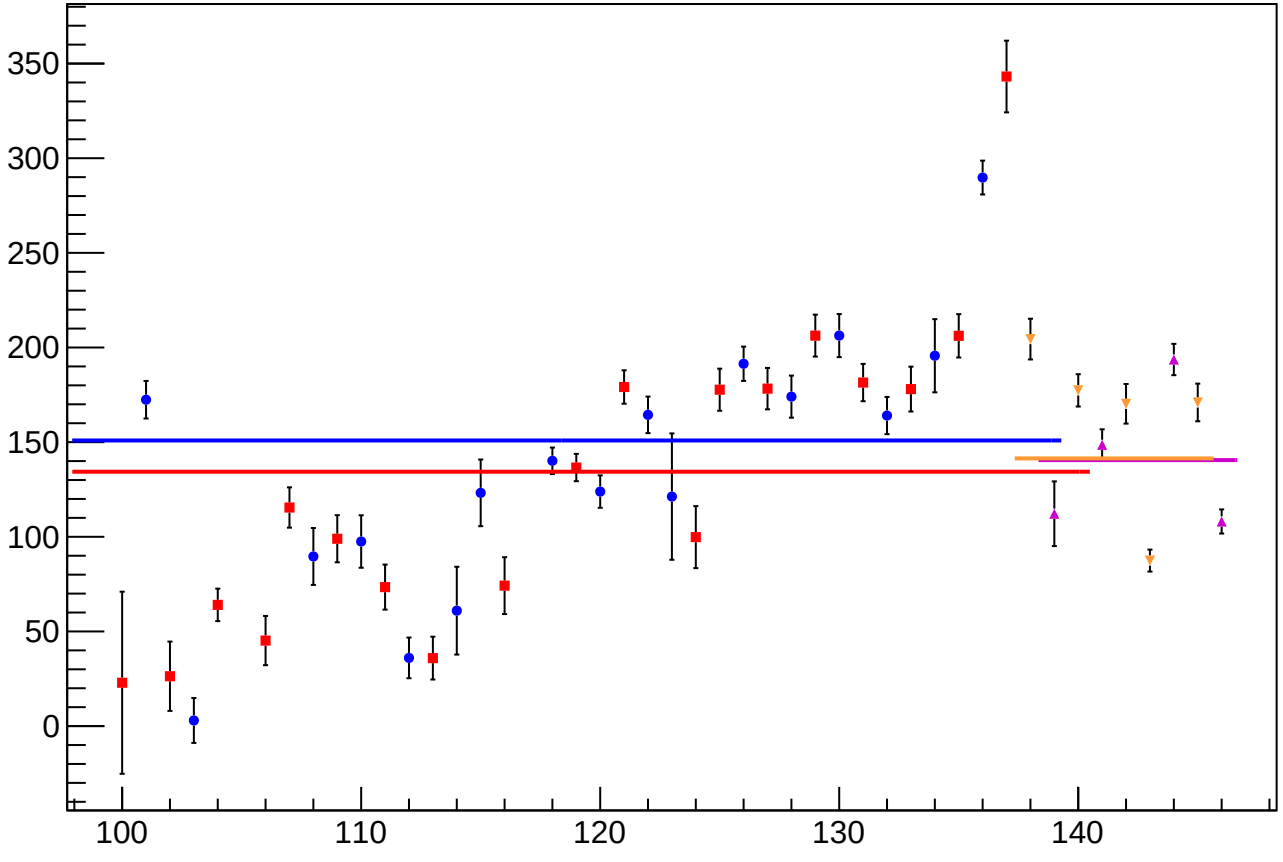
Left In: 561.194+/-4.852 χ^2/NDF:85.5/3

+ sign 520.346+/-3.079 χ^2/NDF: 3559.4/21

All: 542.085+/-2.201 χ^2/NDF: 6532.7/44

- sign 564.817+/-3.148 χ^2/NDF: 2871.3/22

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 141.415+/-3.746 χ^2/NDF:154.9/4

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

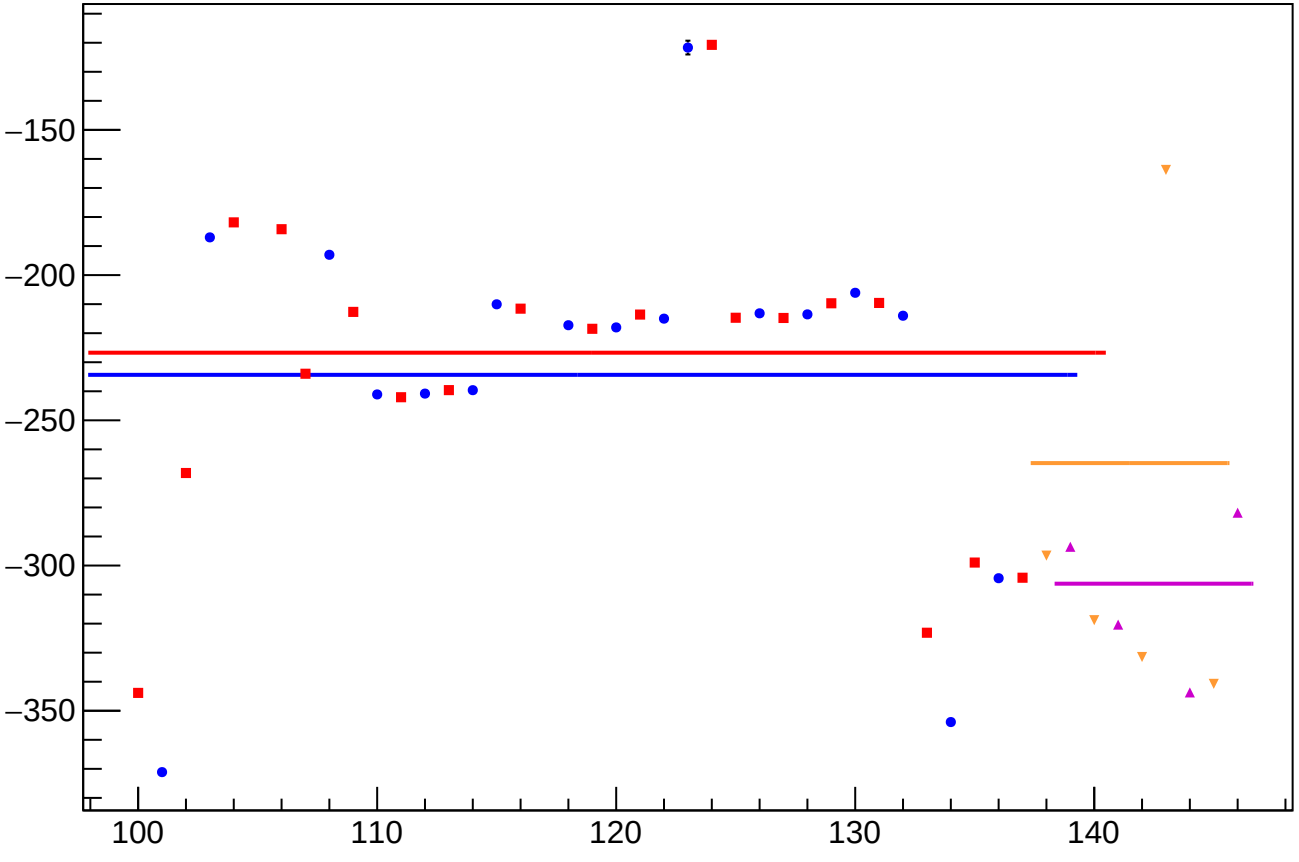
Left In: 140.515+/-4.170 χ^2/NDF:70.9/3

+ sign 147.693+/-2.176 χ^2/NDF: 793.9/21

All: 142.015+/-1.553 χ^2/NDF: 1465.1/44

- sign 136.117+/-2.218 χ^2/NDF: 657.3/22

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -264.725+/-0.179 χ^2/NDF:180261.1/4

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

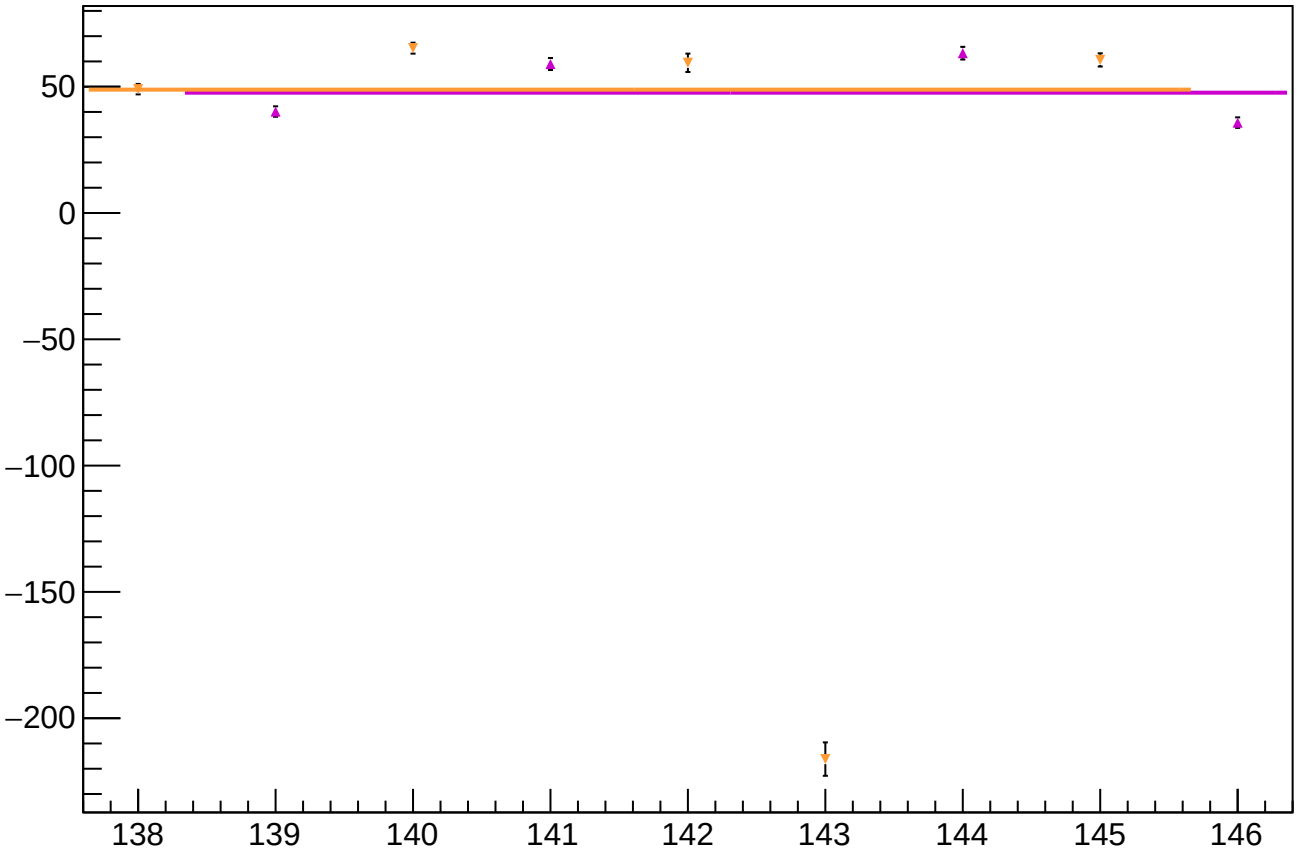
Left In: -306.248+/-0.201 χ^2/NDF:13177.6/3

+ sign -246.740+/-0.114 χ^2/NDF: 342554.8/21

All: -249.833+/-0.081 χ^2/NDF: 561361.3/44

- sign -253.009+/-0.116 χ^2/NDF: 217317.2/22

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 48.836+/-1.203 χ^2/NDF:1692.0/4

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

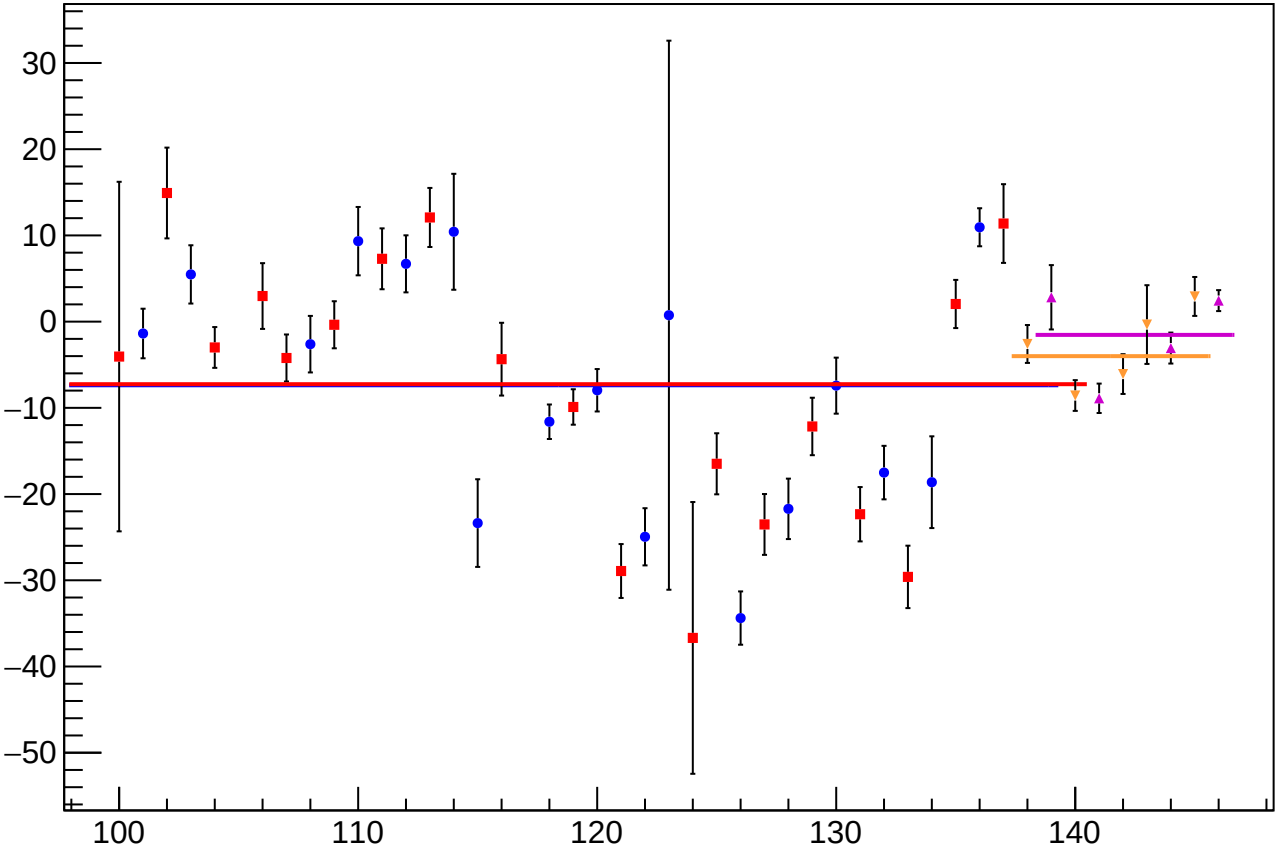
Left In: 47.630+/-1.119 χ^2/NDF:106.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 48.189+/-0.819 χ^2/NDF: 1799.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381+/-0.779 χ^2/NDF: 283.6/16

Left Out: -4.004+/-1.024 χ^2/NDF:17.8/4

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

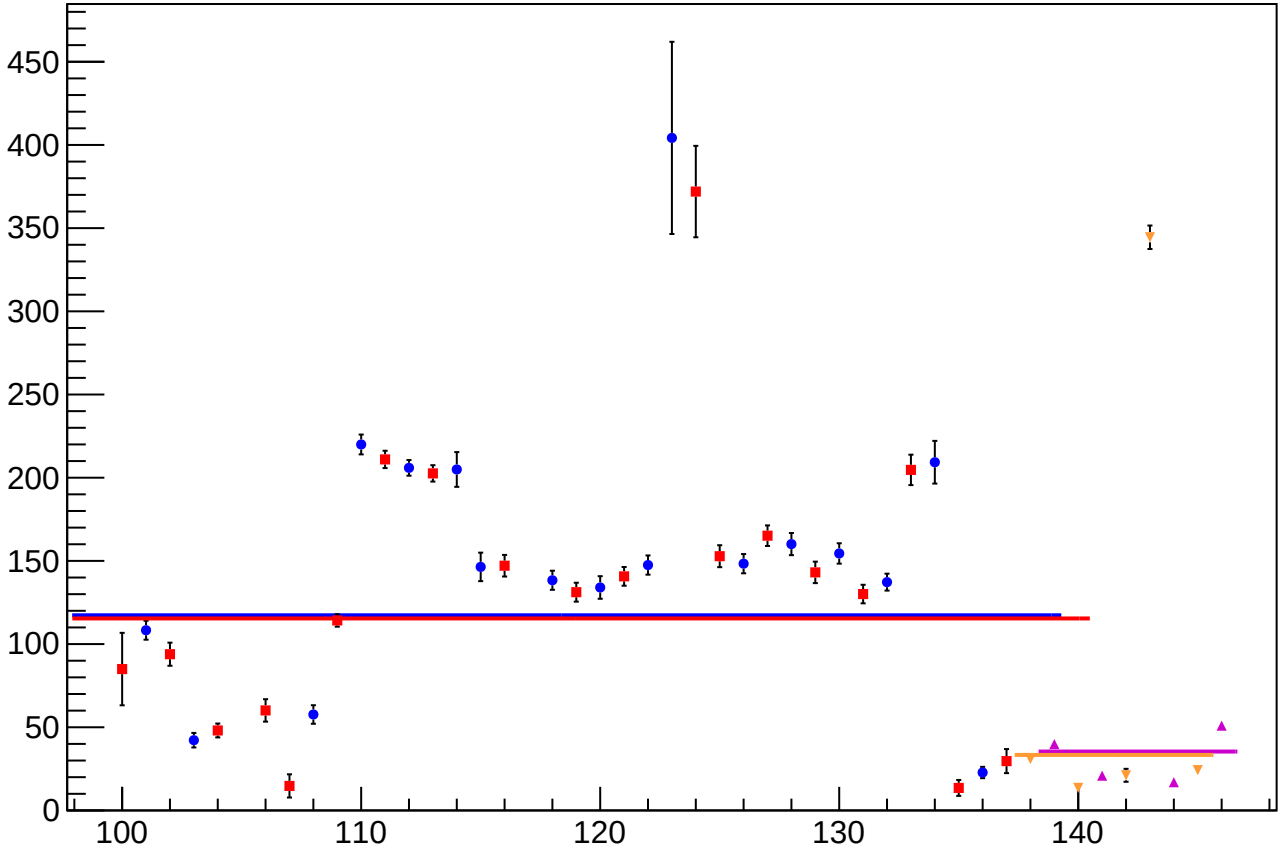
Left In: -1.538+/-0.844 χ^2/NDF:31.4/3

+ sign -6.144+/-0.620 χ^2/NDF: 308.3/21

All: -5.351+/-0.418 χ^2/NDF: 625.3/44

- sign -4.690+/-0.566 χ^2/NDF: 314.0/22

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 33.378+/-1.284 χ^2/NDF:2039.0/4

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

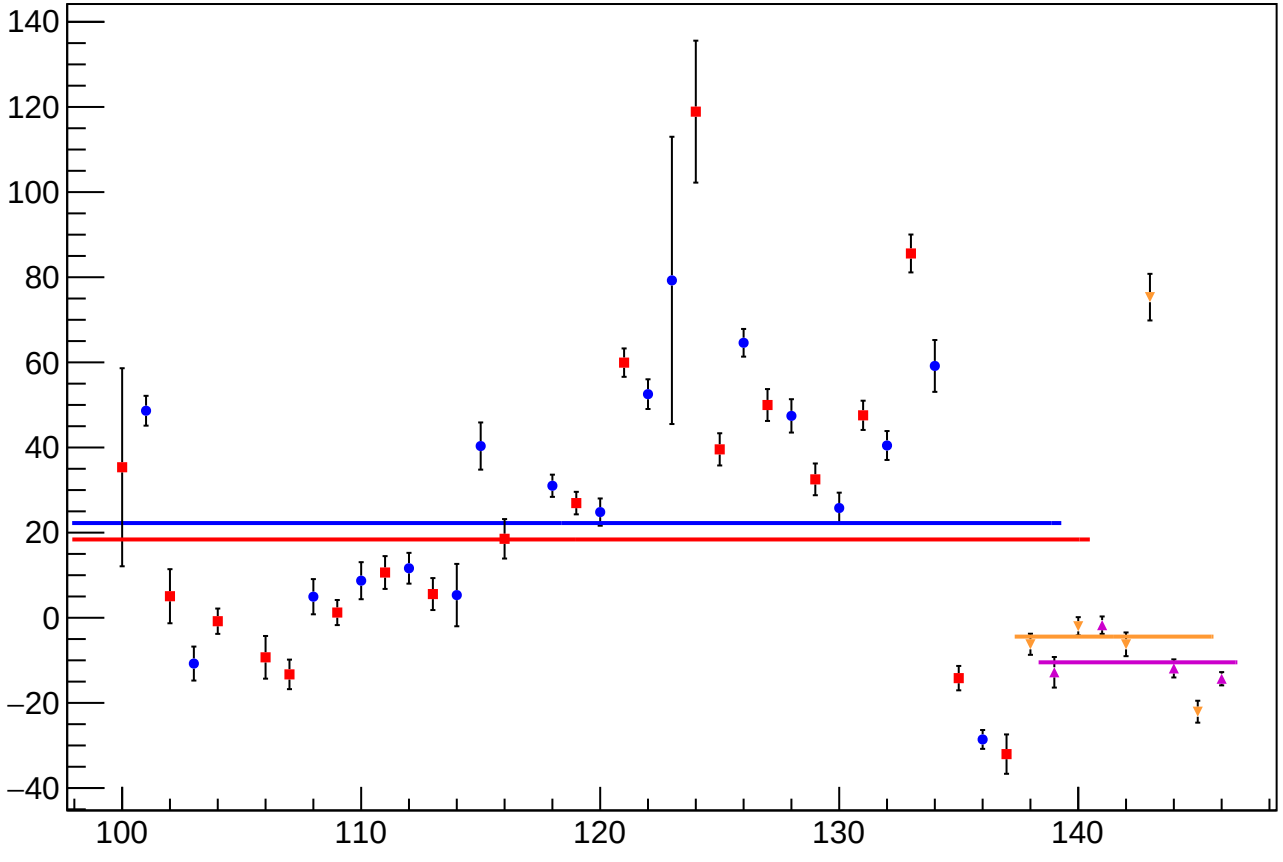
Left In: 35.406+/-1.158 χ^2/NDF:144.9/3

+ sign 71.458+/-0.949 χ^2/NDF: 6139.4/21

All: 70.145+/-0.646 χ^2/NDF: 10443.3/44

- sign 69.010+/-0.882 χ^2/NDF: 4300.3/22

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -4.426+/-1.201 χ^2/NDF:261.3/4

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

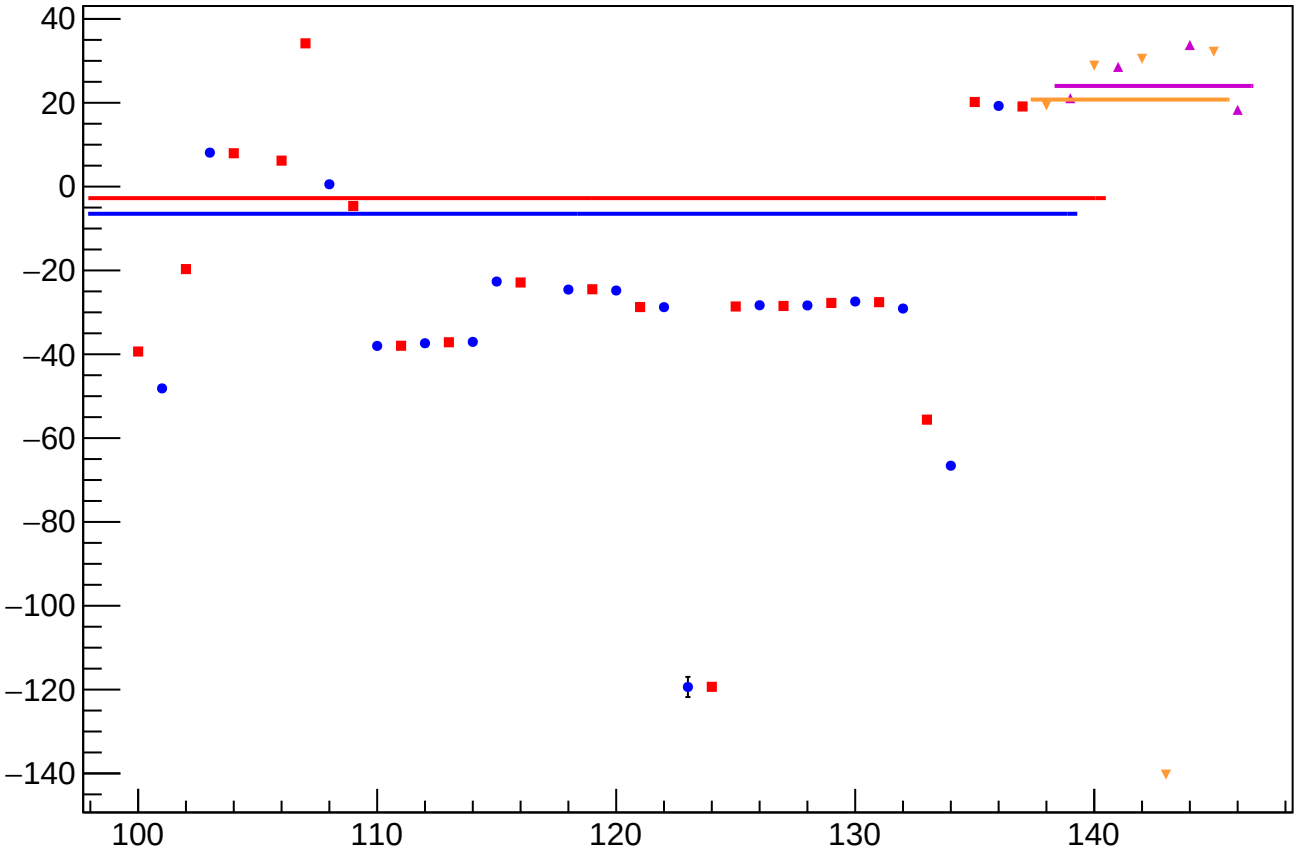
Left In: -10.467+/-1.026 χ^2/NDF:25.2/3

+ sign 12.805+/-0.715 χ^2/NDF: 1651.4/21

All: 9.315+/-0.487 χ^2/NDF: 3257.6/44

- sign 6.297+/-0.664 χ^2/NDF: 1561.7/22

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 20.767+/-0.052 χ^2/NDF:345489.8/4

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

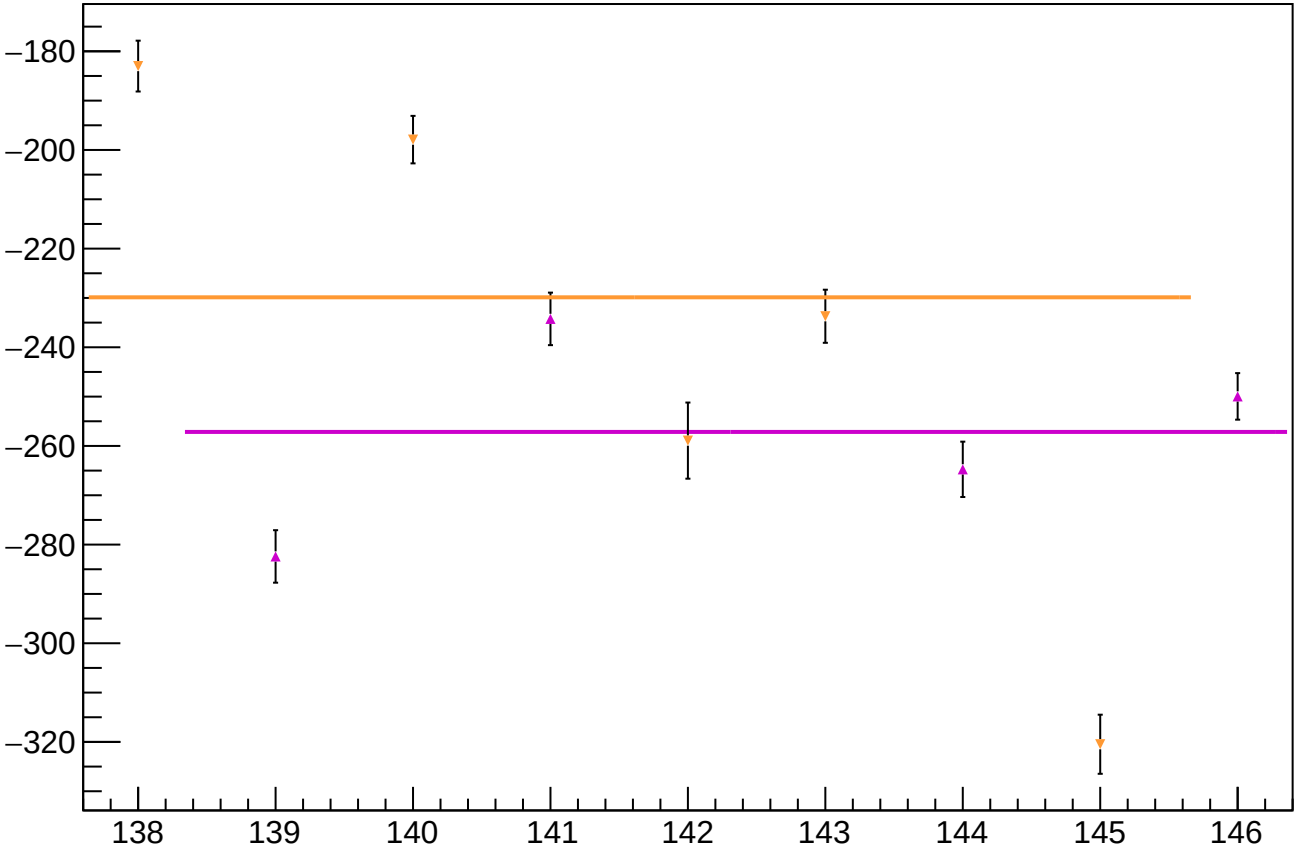
Left In: 24.018+/-0.047 χ^2/NDF:14087.8/3

+ sign 5.541+/-0.035 χ^2/NDF: 765030.0/21

All: 7.972+/-0.024 χ^2/NDF: 1220716.0/44

- sign 10.176+/-0.033 χ^2/NDF: 446221.1/22

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -229.873+/-2.500 χ^2/NDF:370.2/4

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

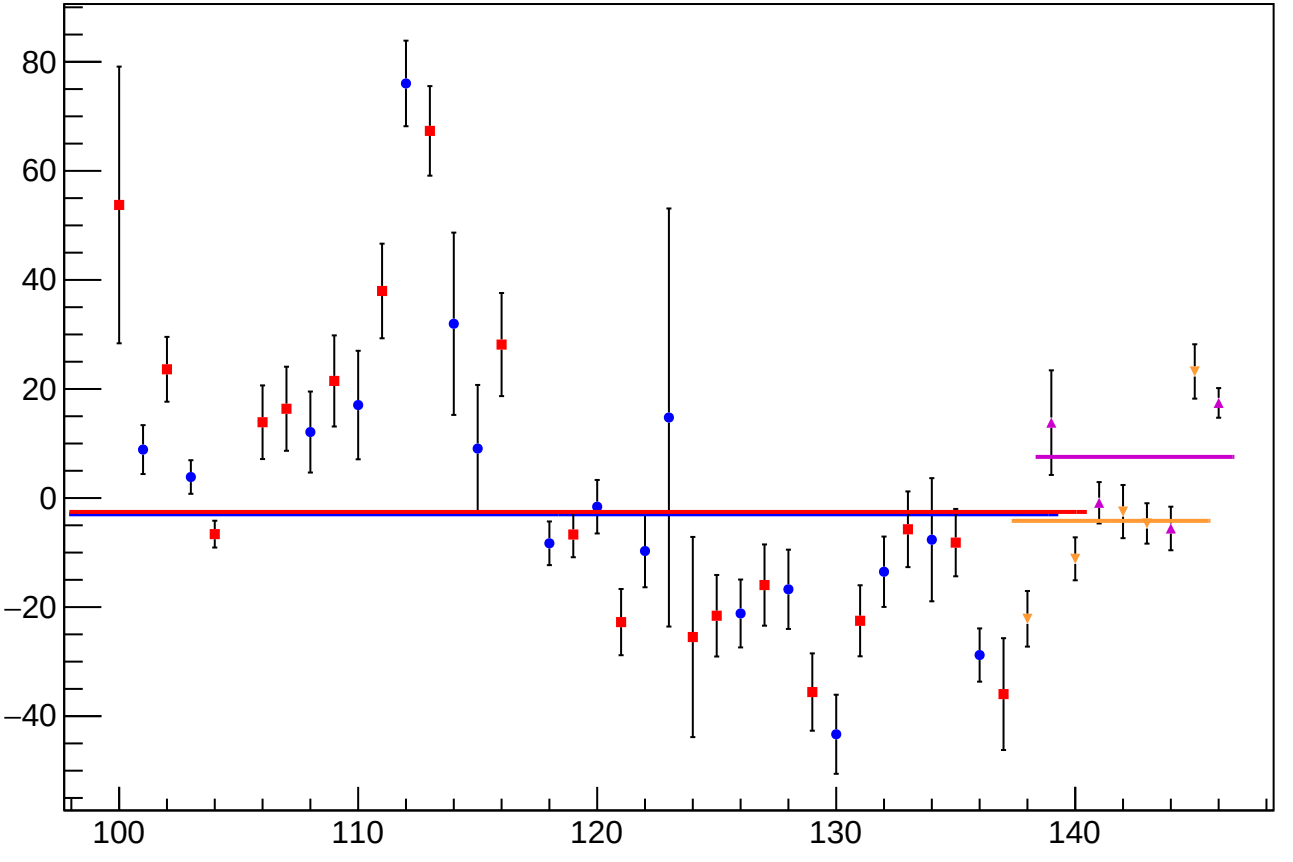
Left In: -257.160+/-2.606 χ^2/NDF:45.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -242.953+/-1.804 χ^2/NDF: 472.5/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981+/-1.450 χ^2/NDF: 203.9/16

Left Out: -4.181+/-1.969 χ^2/NDF:45.8/4

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

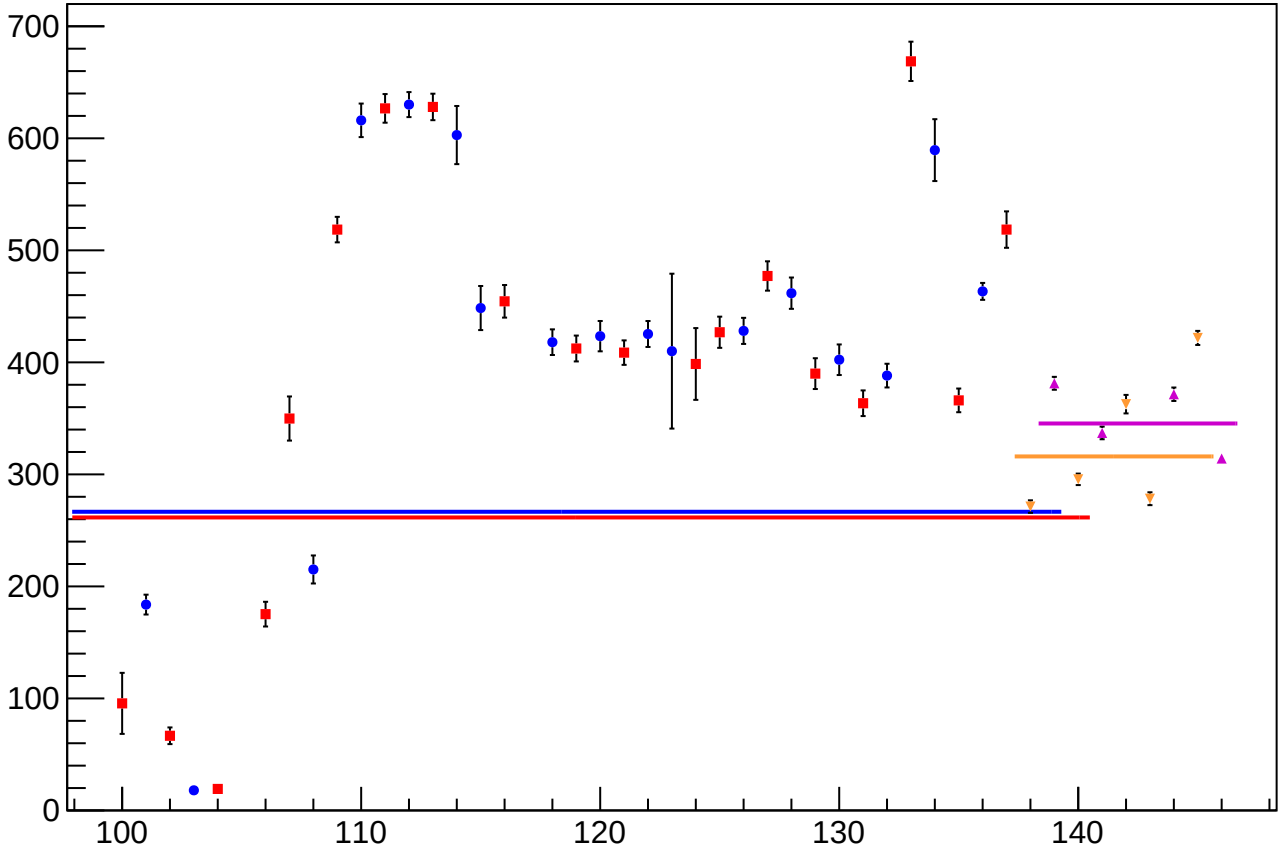
Left In: 7.546+/-1.896 χ^2/NDF:29.4/3

+ sign -3.404+/-1.168 χ^2/NDF: 250.0/21

All: -1.115+/-0.810 χ^2/NDF: 523.2/44

- sign 1.010+/-1.125 χ^2/NDF: 265.9/22

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 316.021+/-2.670 χ^2/NDF:437.7/4

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

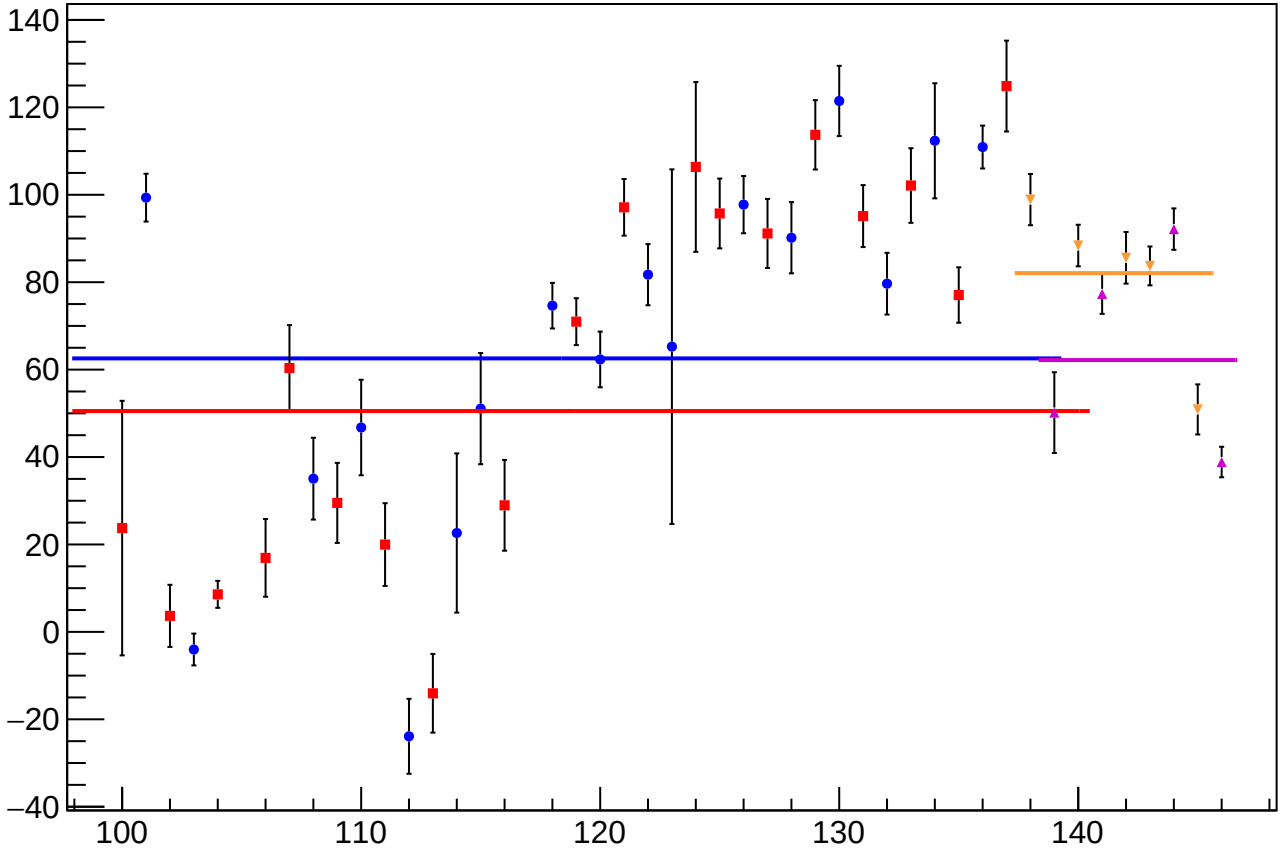
Left In: 345.432+/-2.688 χ^2/NDF:108.2/3

+ sign 289.478+/-1.816 χ^2/NDF: 8284.4/21

All: 294.617+/-1.283 χ^2/NDF: 17147.1/44

- sign 299.744+/-1.814 χ^2/NDF: 8846.7/22

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 82.087+/-2.338 χ^2/NDF:40.1/4

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

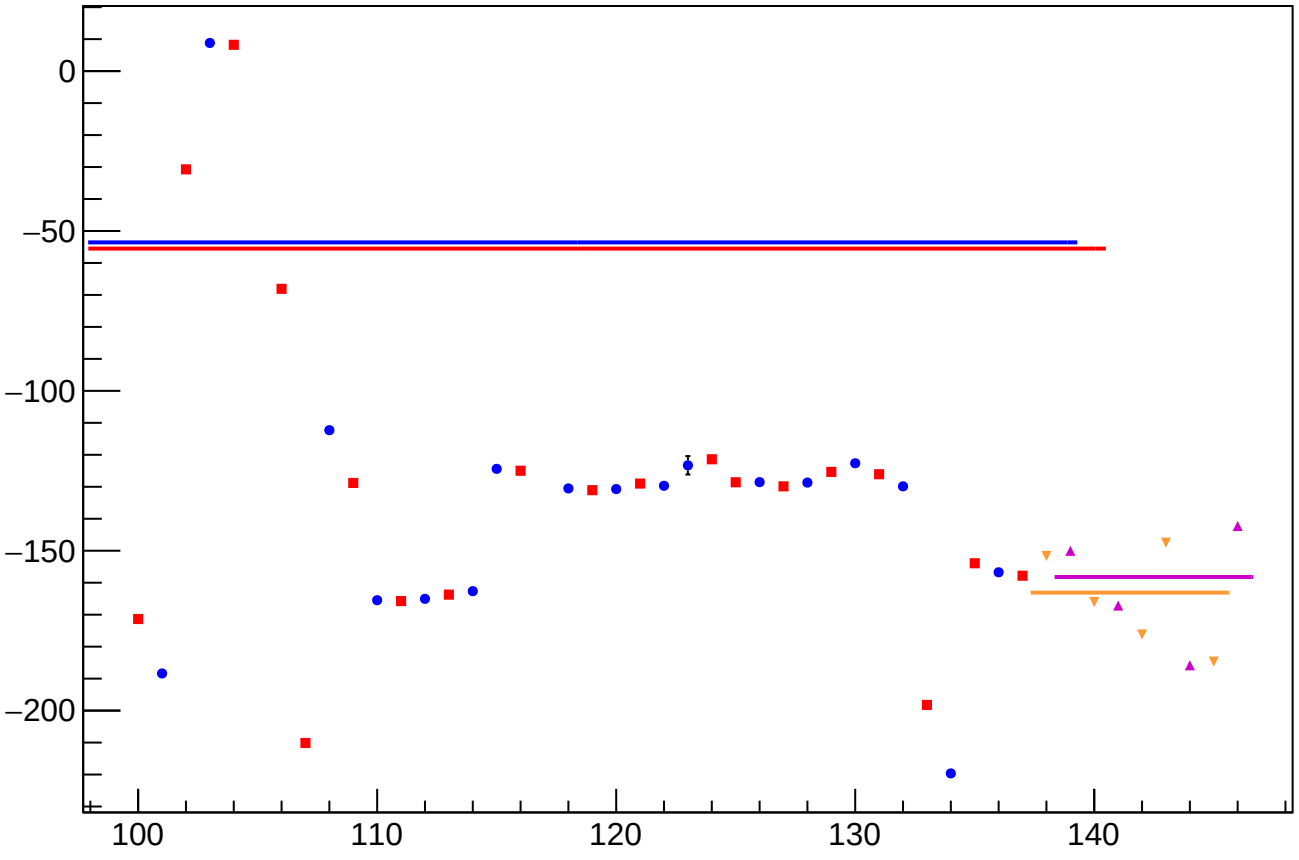
Left In: 62.186+/-2.316 χ^2/NDF:97.3/3

+ sign 69.203+/-1.363 χ^2/NDF: 808.5/21

All: 61.691+/-0.956 χ^2/NDF: 1639.4/44

- sign 54.430+/-1.340 χ^2/NDF: 771.2/22

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -163.096+/-0.109 χ^2/NDF:16531.6/4

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

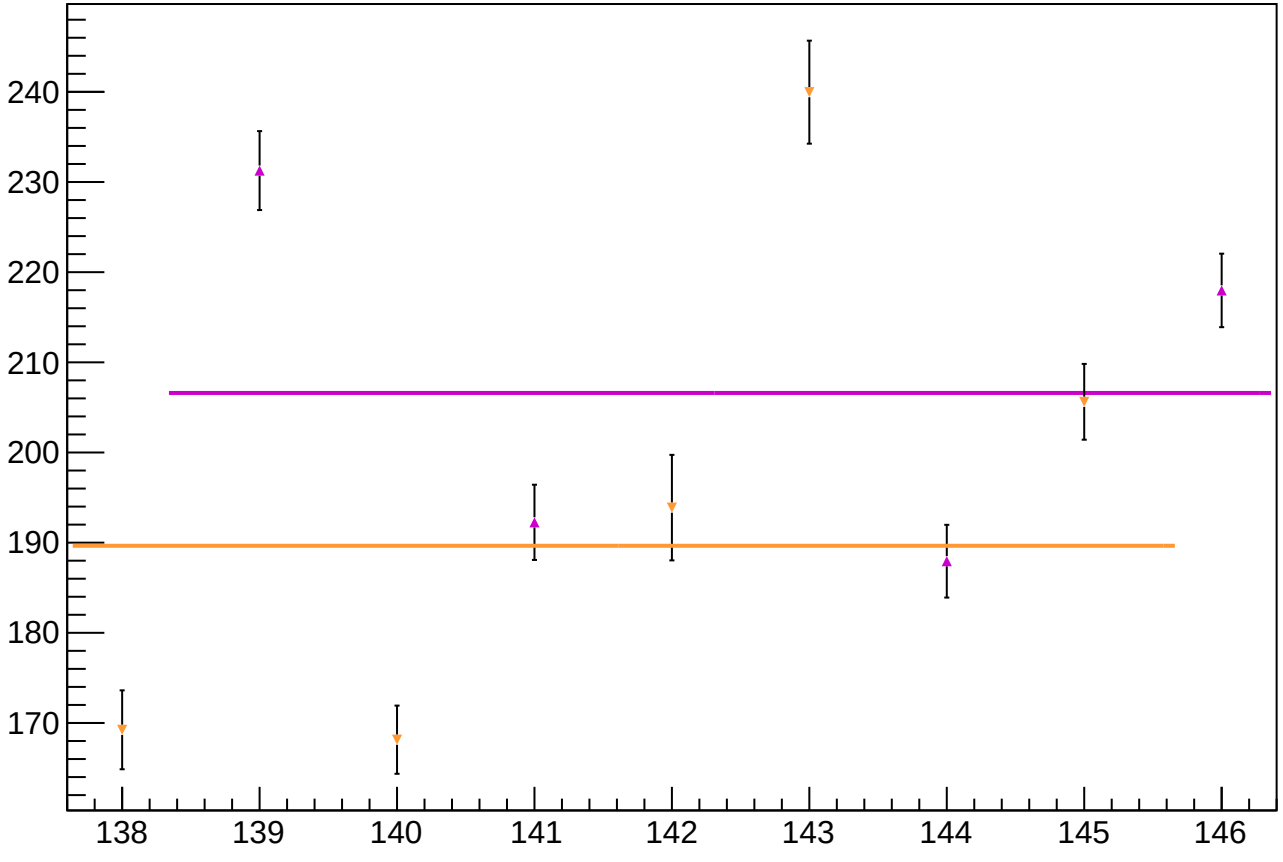
Left In: -158.218+/-0.111 χ^2/NDF:20100.3/3

+ sign -85.765+/-0.059 χ^2/NDF: 1960884.9/21

All: -85.793+/-0.042 χ^2/NDF: 3552937.3/44

- sign -85.822+/-0.060 χ^2/NDF: 1592051.9/22

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 189.654+/-2.047 χ^2/NDF:146.6/4

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

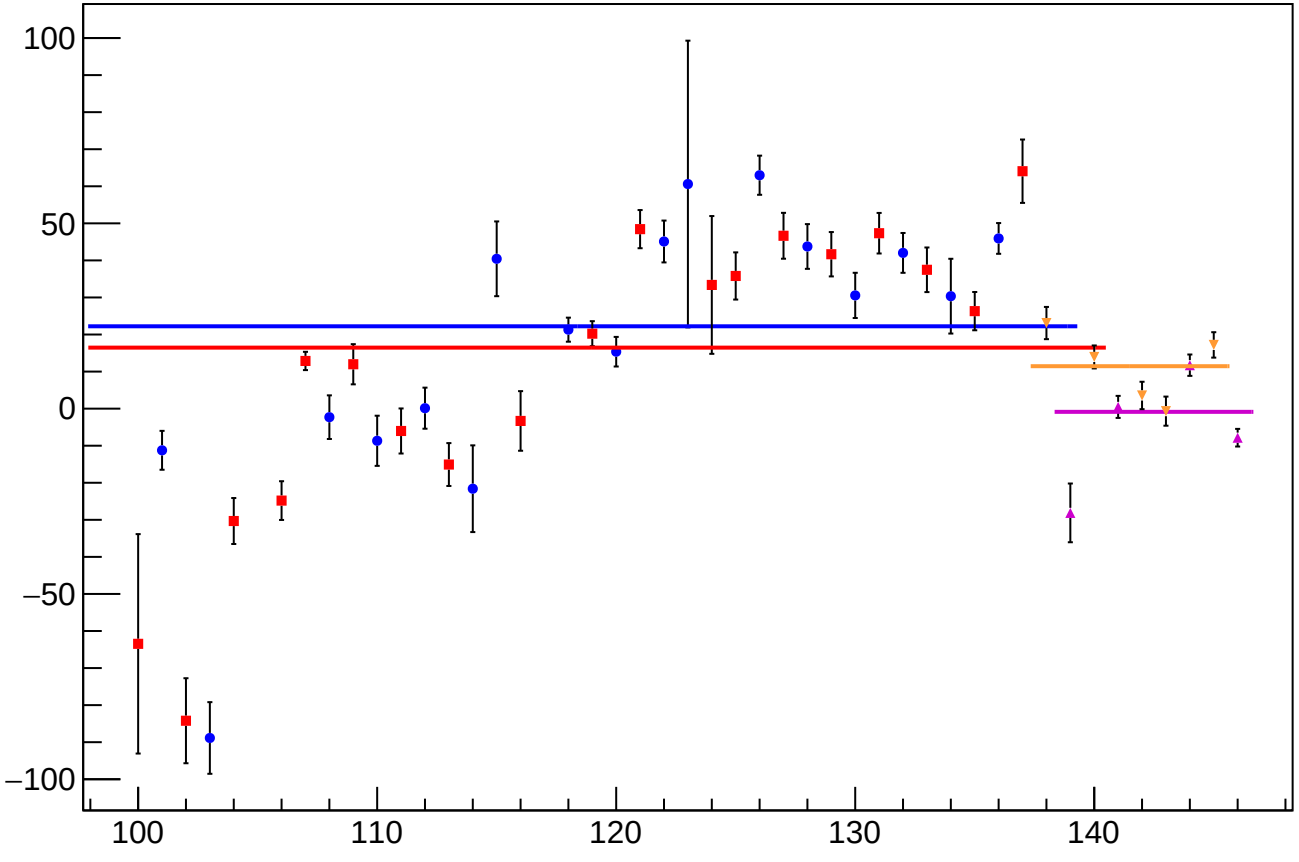
Left In: 206.604+/-2.080 χ^2/NDF:72.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 197.996+/-1.459 χ^2/NDF: 253.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: 11.452+/-1.622 χ^2/NDF:24.7/4

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

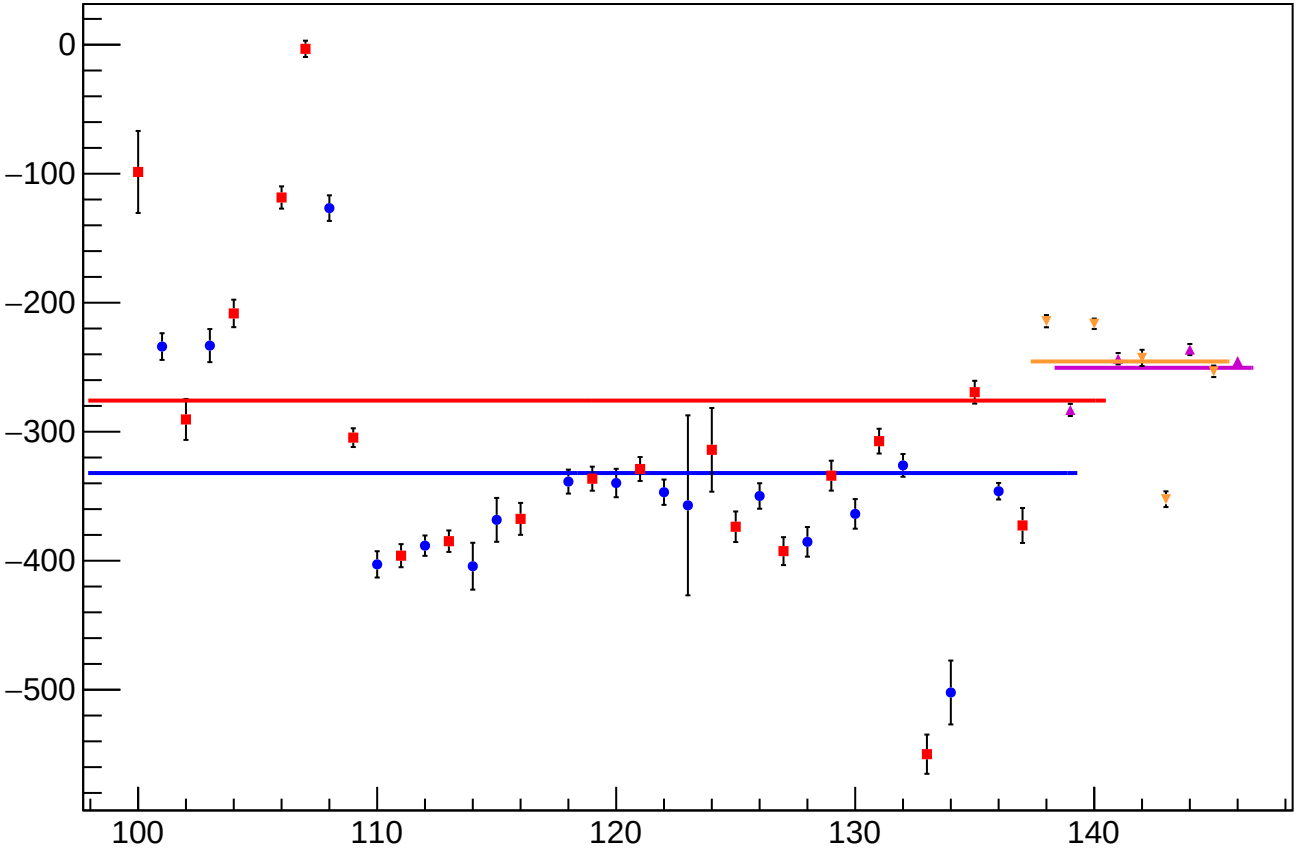
Left In: -0.863+/-1.532 χ^2/NDF:39.7/3

+ sign 17.723+/-1.048 χ^2/NDF: 436.0/21

All: 13.343+/-0.708 χ^2/NDF: 1011.5/44

- sign 9.678+/-0.959 χ^2/NDF: 543.4/22

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -245.534+/-2.188 χ^2/NDF:405.8/4

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

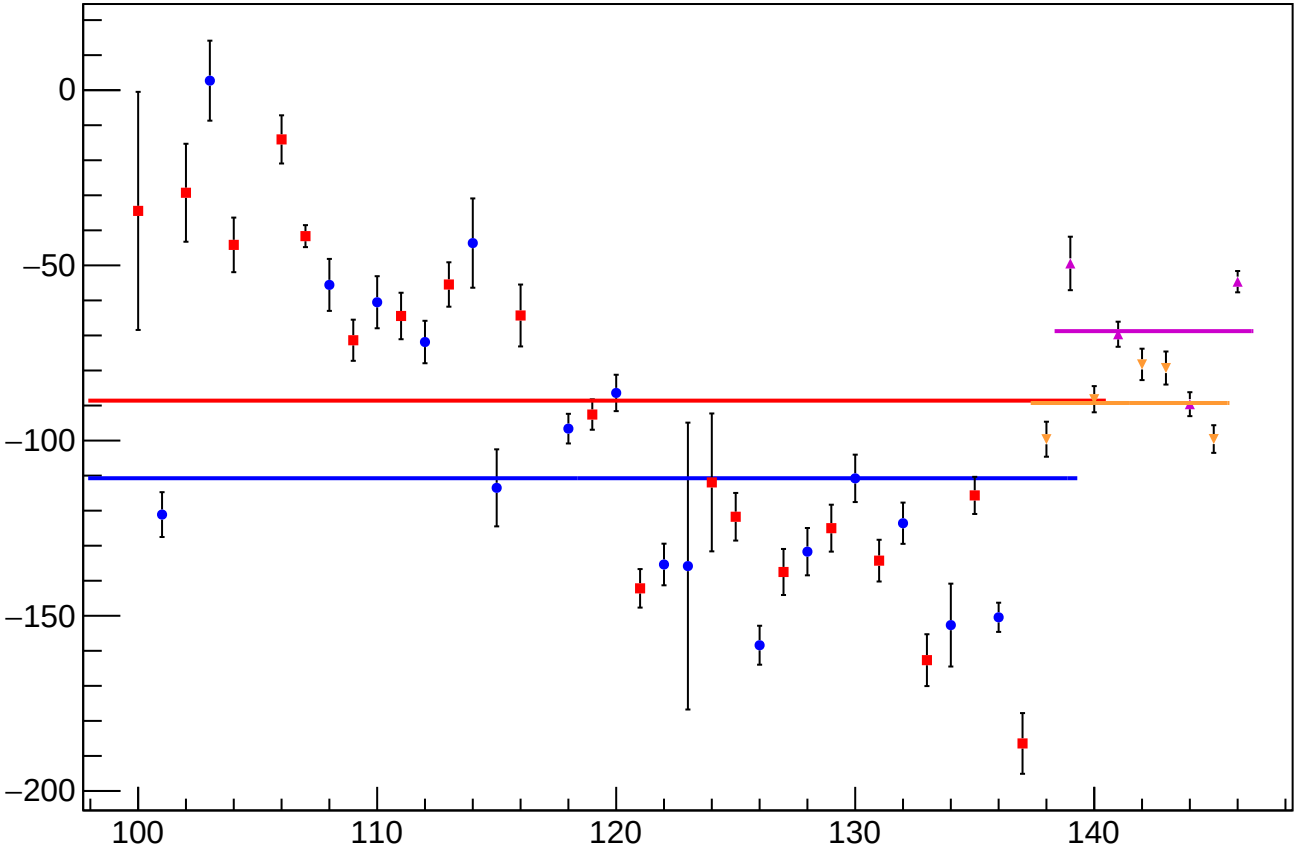
Left In: -250.441+/-2.157 χ^2/NDF:62.6/3

+ sign -282.015+/-1.664 χ^2/NDF: 1850.0/21

All: -271.604+/-1.146 χ^2/NDF: 5414.2/44

- sign -262.200+/-1.581 χ^2/NDF: 3489.6/22

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -89.273+/-1.922 χ^2/NDF:21.7/4

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

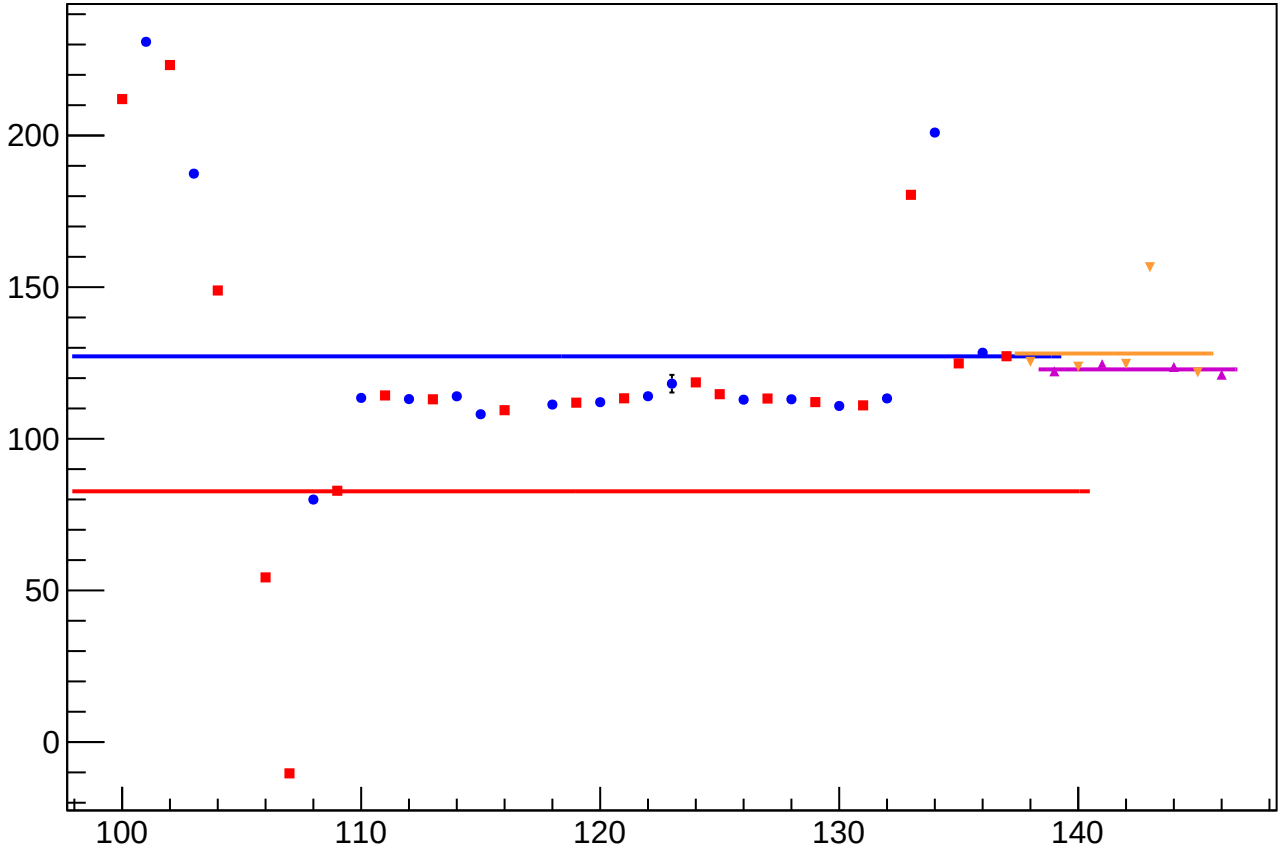
Left In: -68.765+/-1.860 χ^2/NDF:65.3/3

+ sign -102.103+/-1.219 χ^2/NDF: 609.7/21

All: -90.913+/-0.831 χ^2/NDF: 1873.2/44

- sign -81.203+/-1.136 χ^2/NDF: 1106.3/22

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 128.119+/-0.089 χ^2/NDF:15762.0/4

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

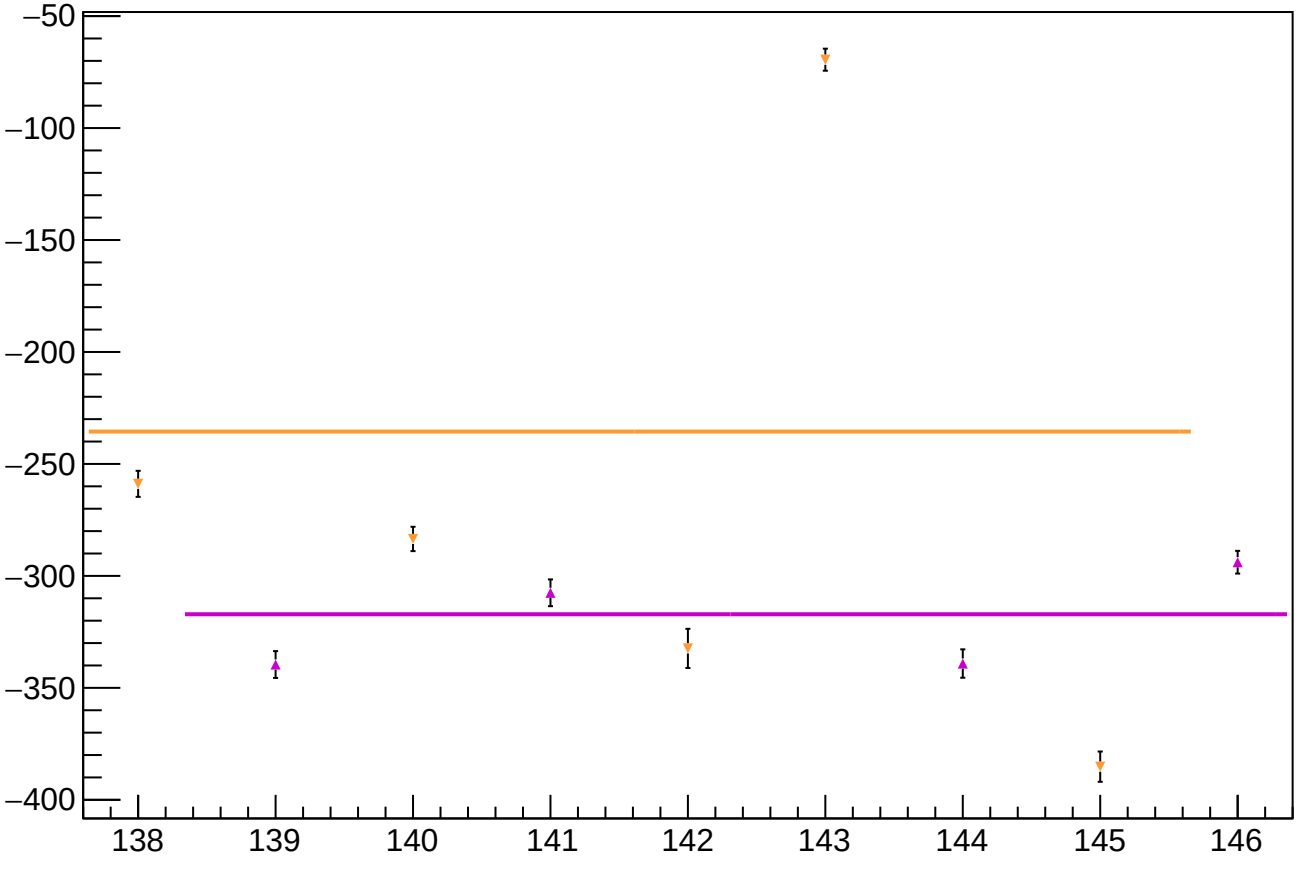
Left In: 122.883+/-0.089 χ^2/NDF:215.8/3

+ sign 127.648+/-0.063 χ^2/NDF: 203868.6/21

All: 112.250+/-0.042 χ^2/NDF: 1197895.9/44

- sign 99.409+/-0.058 χ^2/NDF: 884508.0/22

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -235.541+/-2.677 χ^2/NDF:1843.7/4

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

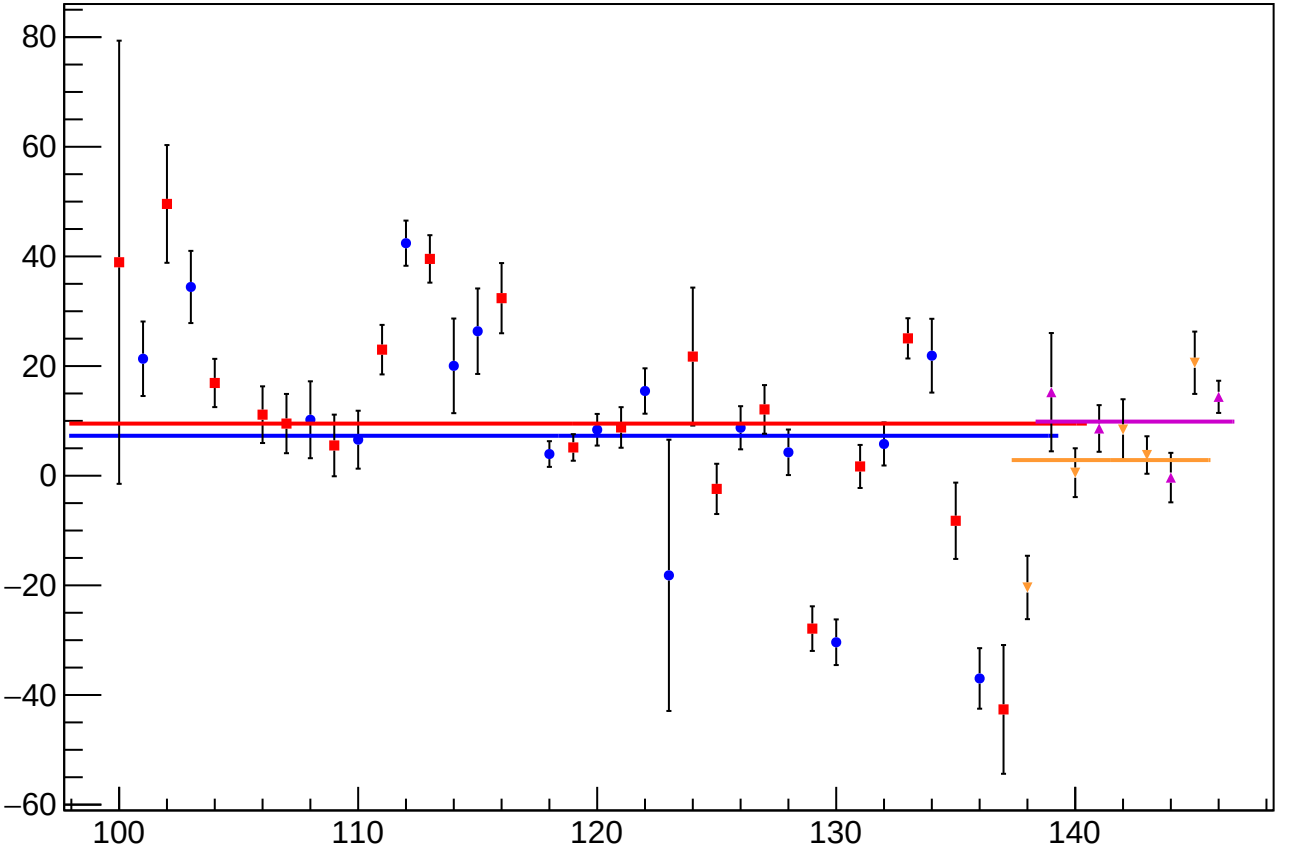
Left In: -317.124+/-2.891 χ^2/NDF:49.7/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -273.197+/-1.964 χ^2/NDF: 2322.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284+/-1.084 χ^2/NDF: 261.0/16

Left Out: 2.850+/-2.087 χ^2/NDF:27.3/4

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

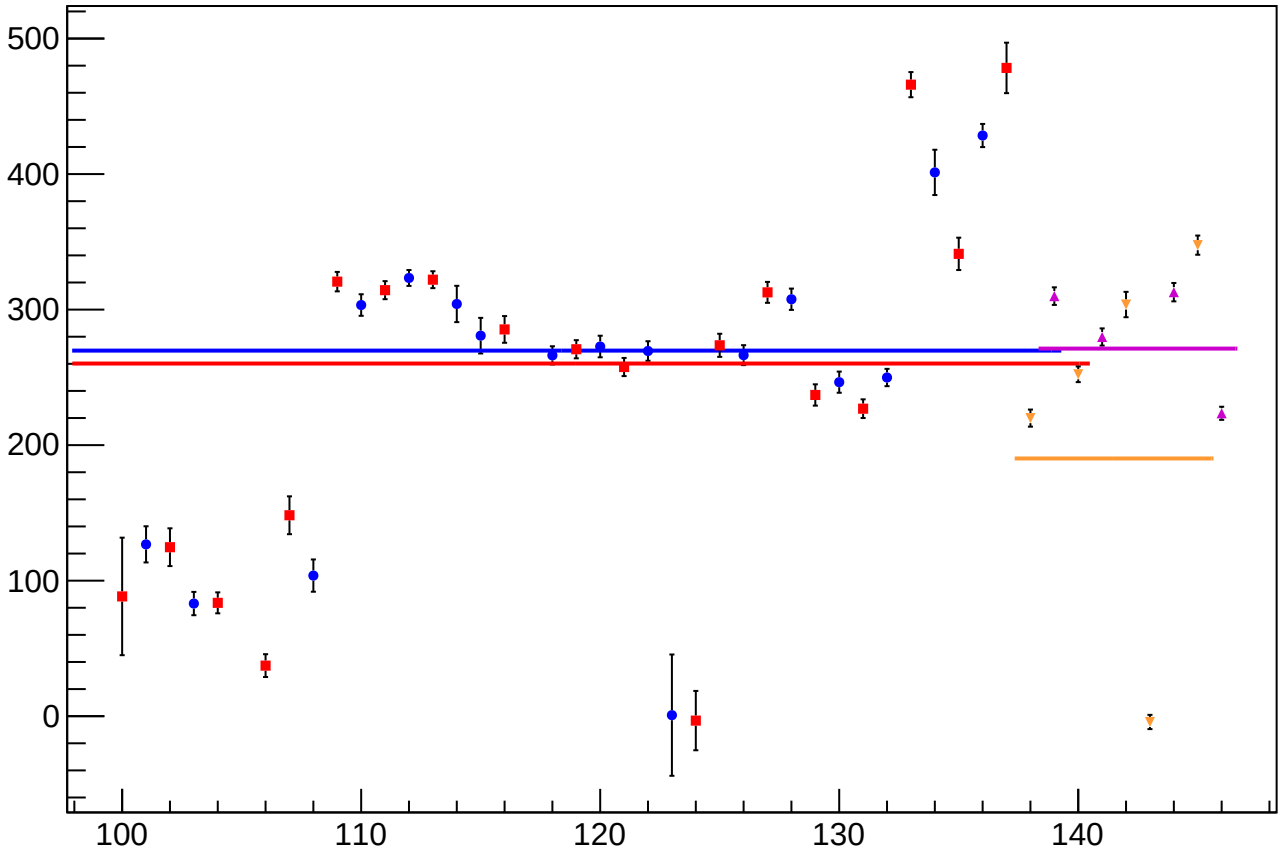
Left In: 9.870+/-2.090 χ^2/NDF:7.8/3

+ sign 6.343+/-0.962 χ^2/NDF: 291.8/21

All: 7.972+/-0.678 χ^2/NDF: 536.9/44

- sign 9.581+/-0.956 χ^2/NDF: 239.4/22

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 190.156+/-2.857 χ^2/NDF:2147.4/4

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

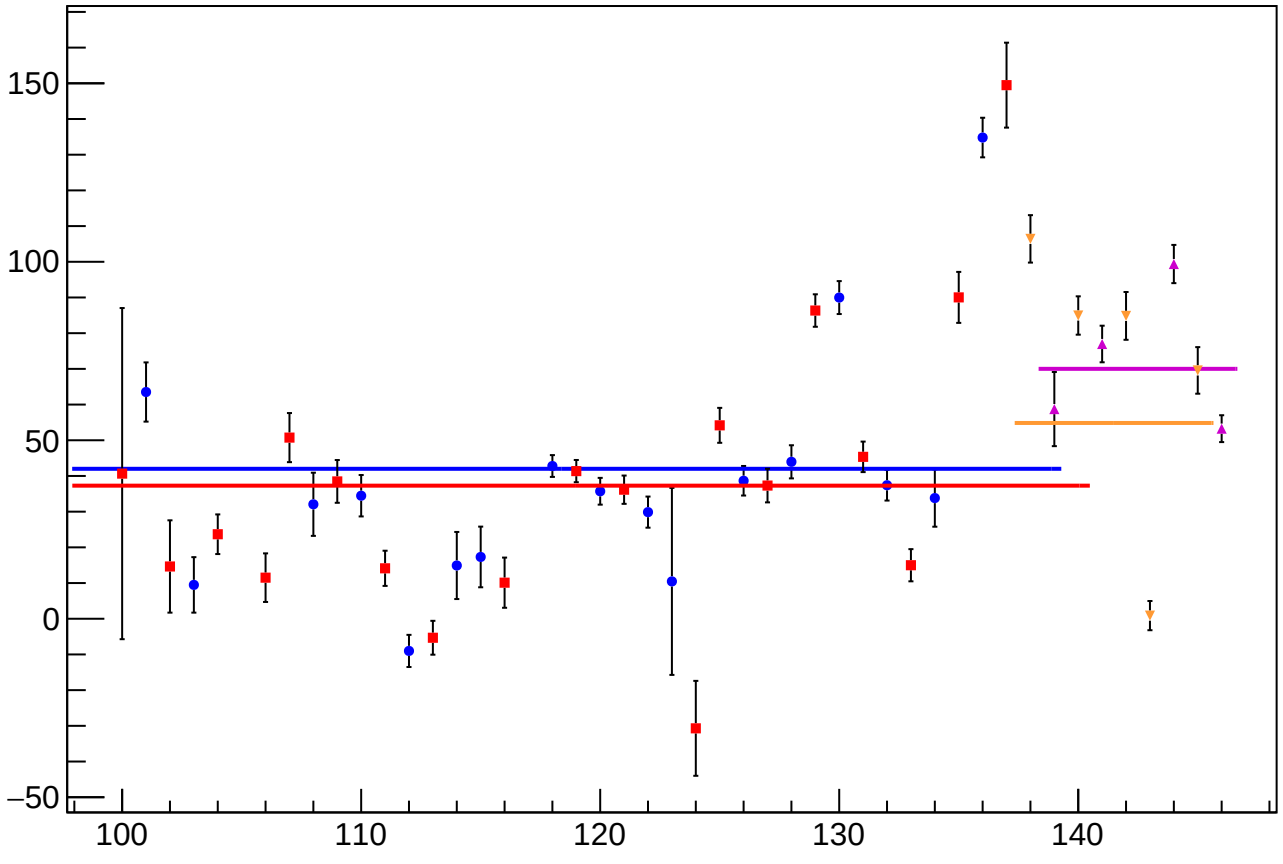
Left In: 271.228+/-2.976 χ^2/NDF:172.2/3

+ sign 242.322+/-1.677 χ^2/NDF: 4030.2/21

All: 253.142+/-1.175 χ^2/NDF: 6835.3/44

- sign 263.583+/-1.647 χ^2/NDF: 2723.3/22

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 54.848+/-2.478 χ^2/NDF:290.9/4

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

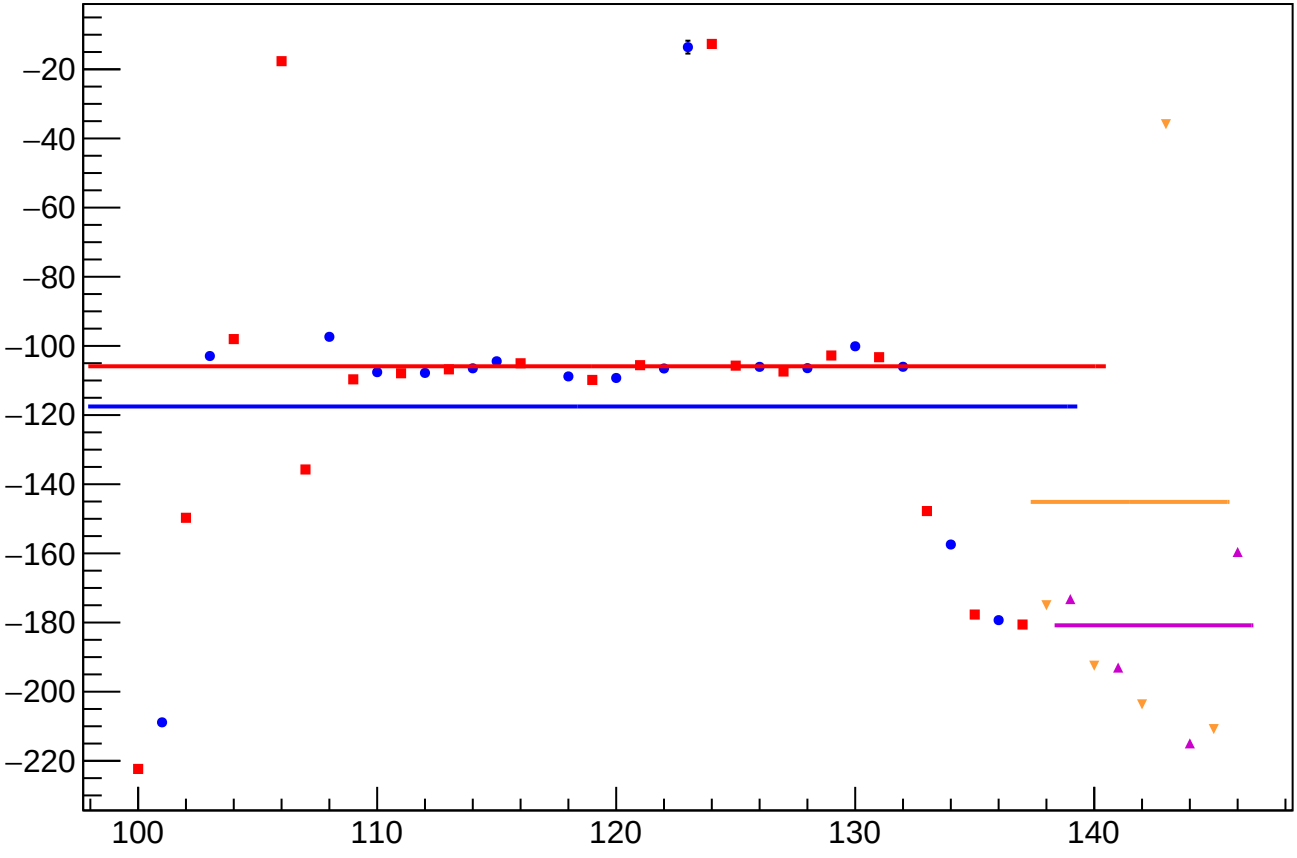
Left In: 70.010+/-2.558 χ^2/NDF:52.9/3

+ sign 44.629+/-1.120 χ^2/NDF: 887.8/21

All: 44.055+/-0.790 χ^2/NDF: 1546.5/44

- sign 43.488+/-1.114 χ^2/NDF: 658.2/22

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -145.113+/-0.116 χ^2/NDF:398156.7/4

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

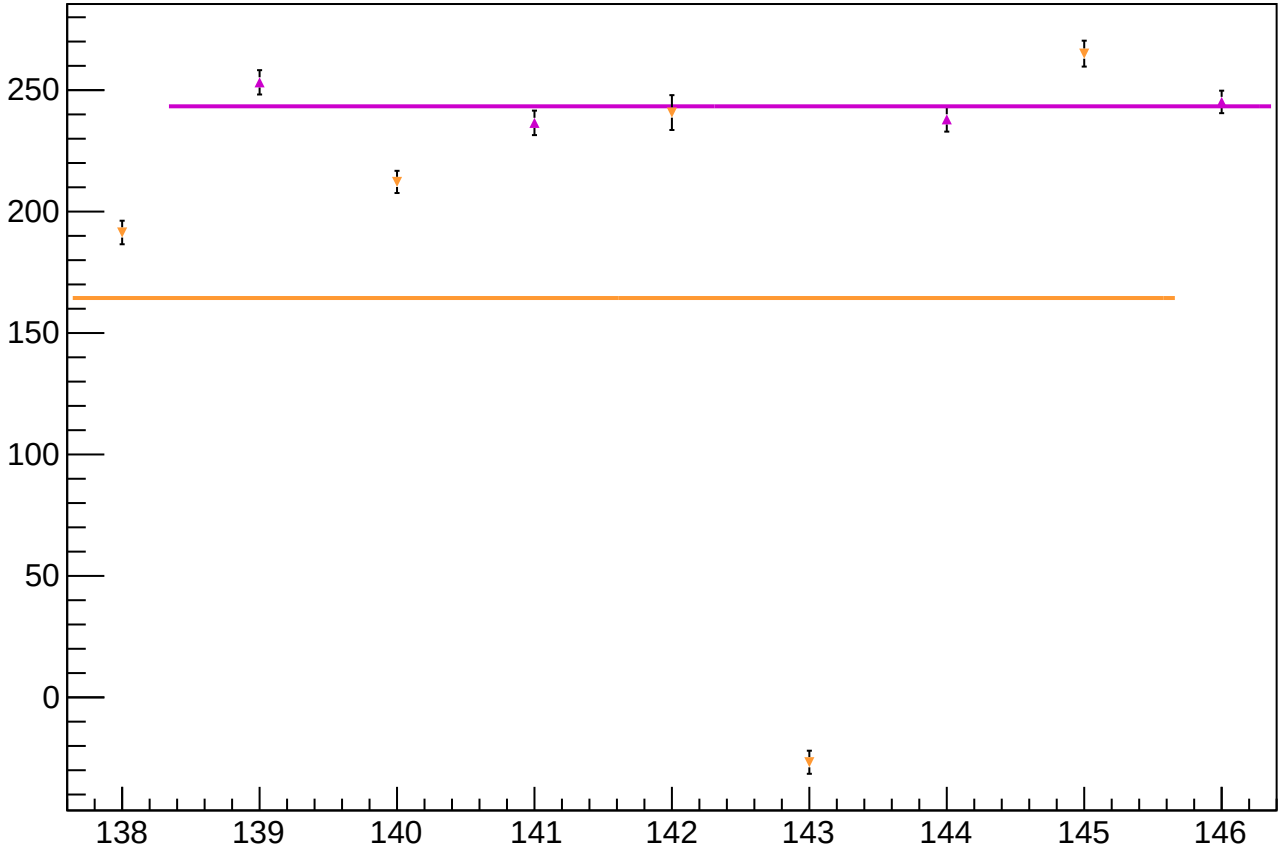
Left In: -180.805+/-0.123 χ^2/NDF:25596.3/3

+ sign -126.082+/-0.065 χ^2/NDF: 579026.7/21

All: -125.645+/-0.045 χ^2/NDF: 1202439.8/44

- sign -125.236+/-0.063 χ^2/NDF: 623325.0/22

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 164.411+/-2.299 χ^2/NDF:2225.1/4

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

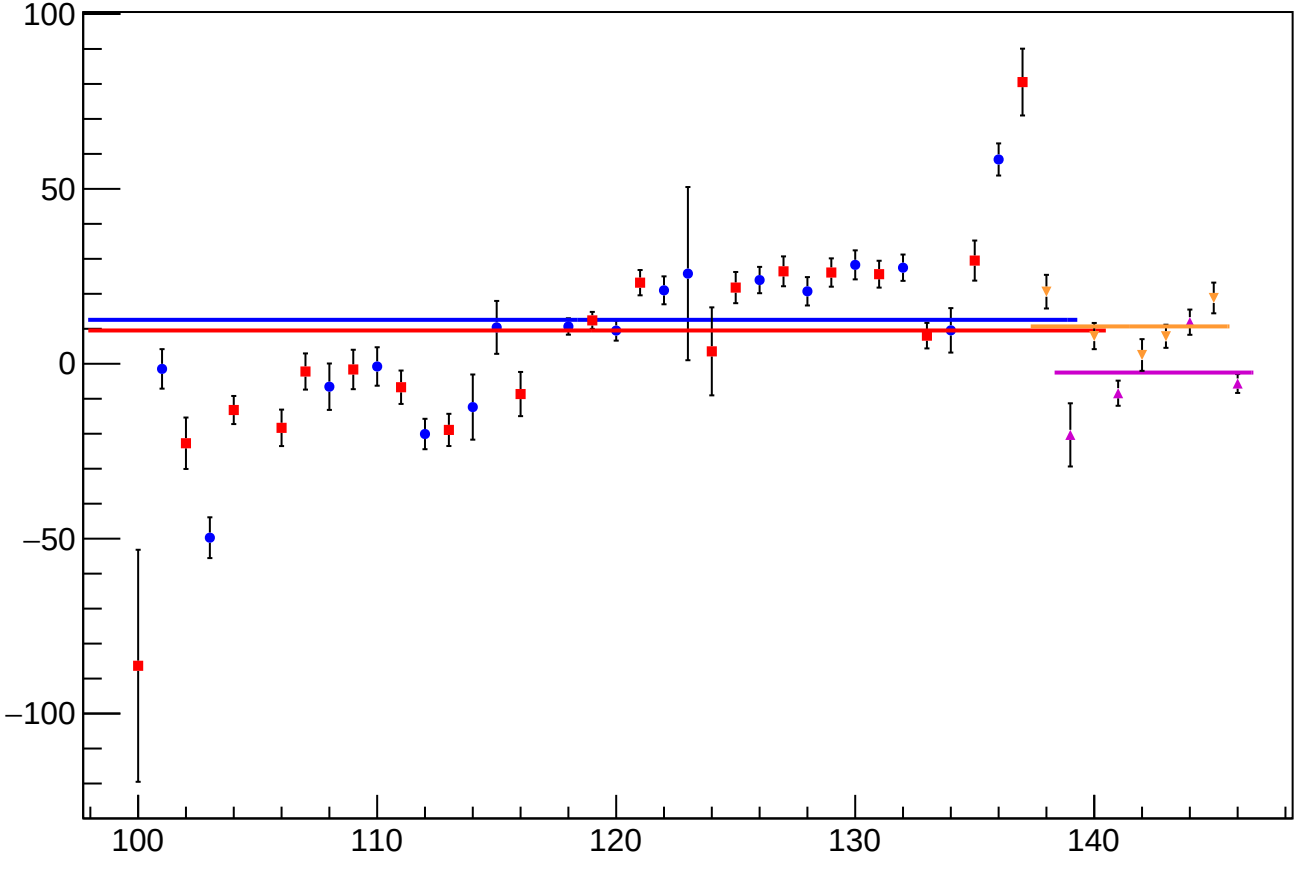
Left In: 243.338+/-2.462 χ^2/NDF:7.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 201.176+/-1.680 χ^2/NDF: 2781.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561+/-1.056 χ^2/NDF: 347.7/16

Left Out: 10.677+/-1.806 χ^2/NDF:12.2/4

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

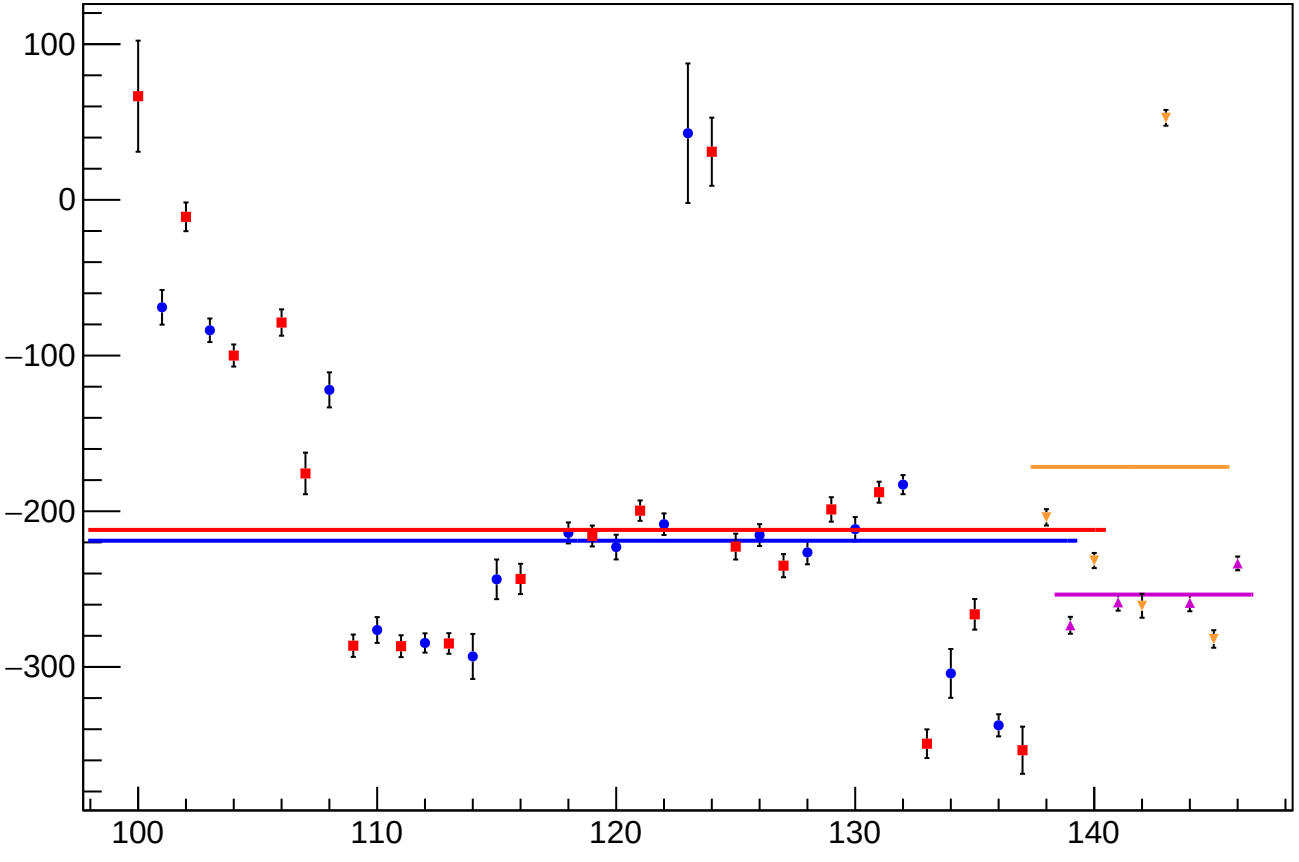
Left In: -2.514+/-1.814 χ^2/NDF:23.9/3

+ sign 12.082+/-0.911 χ^2/NDF: 360.8/21

All: 9.282+/-0.644 χ^2/NDF: 732.7/44

- sign 6.496+/-0.909 χ^2/NDF: 353.1/22

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -171.523+/-2.456 χ^2/NDF:2661.9/4

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

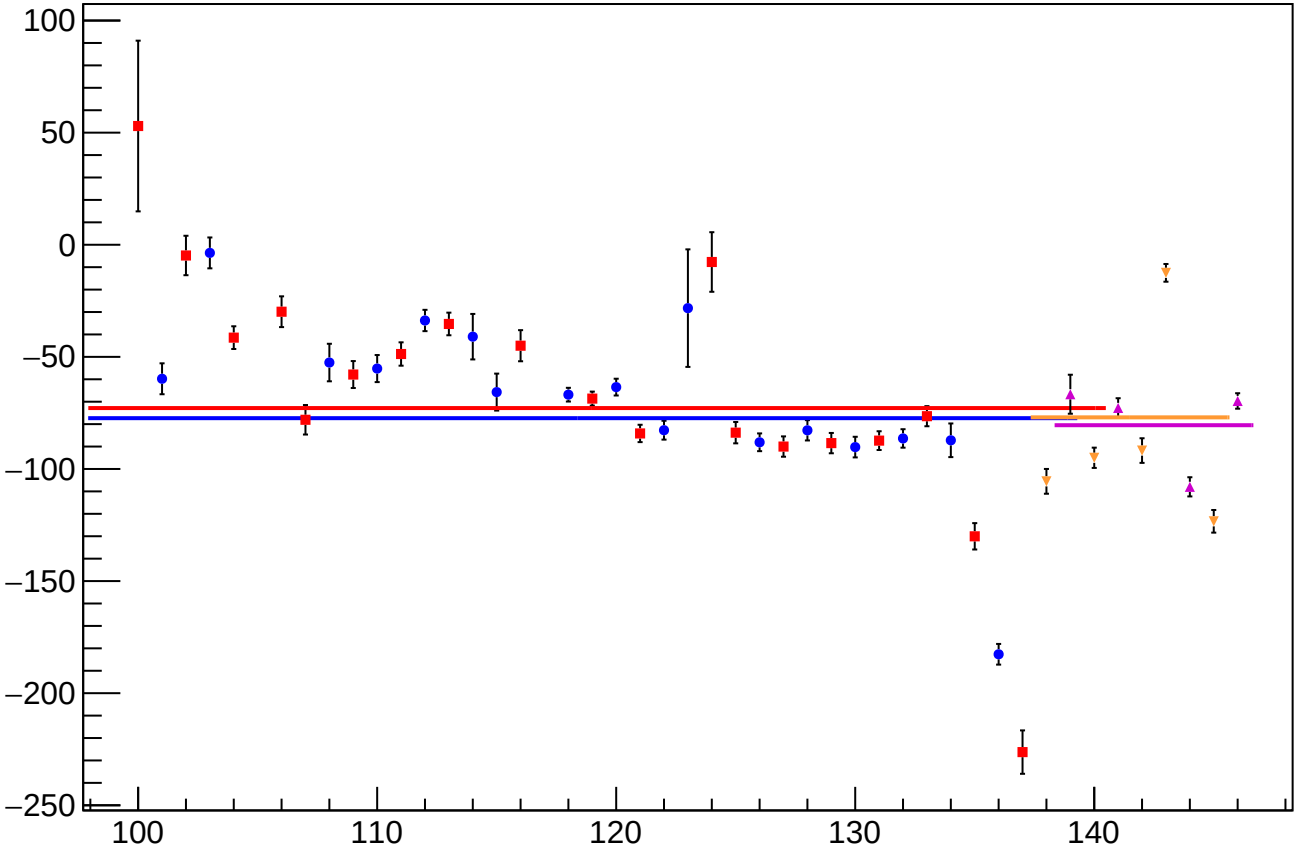
Left In: -253.521+/-2.547 χ^2/NDF:35.6/3

+ sign -199.959+/-1.554 χ^2/NDF: 4031.9/21

All: -213.673+/-1.092 χ^2/NDF: 6277.1/44

- sign -227.067+/-1.535 χ^2/NDF: 2091.2/22

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -76.982+/-2.141 χ^2/NDF:400.2/4

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

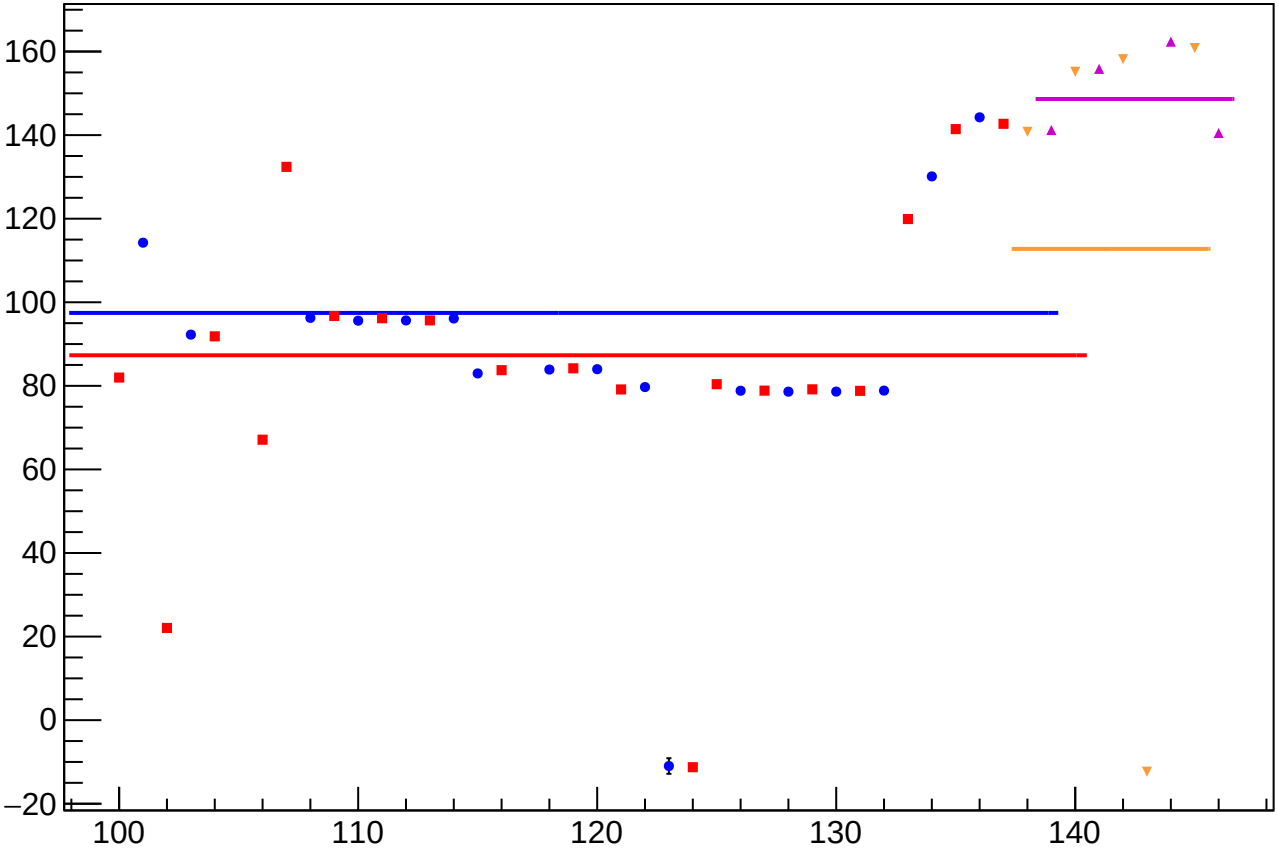
Left In: -80.479+/-2.207 χ^2/NDF:56.8/3

+ sign -77.254+/-1.060 χ^2/NDF: 1217.4/21

All: -75.927+/-0.749 χ^2/NDF: 1959.5/44

- sign -74.599+/-1.060 χ^2/NDF: 738.9/22

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 112.775+/-0.100 χ^2/NDF:505809.8/4

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

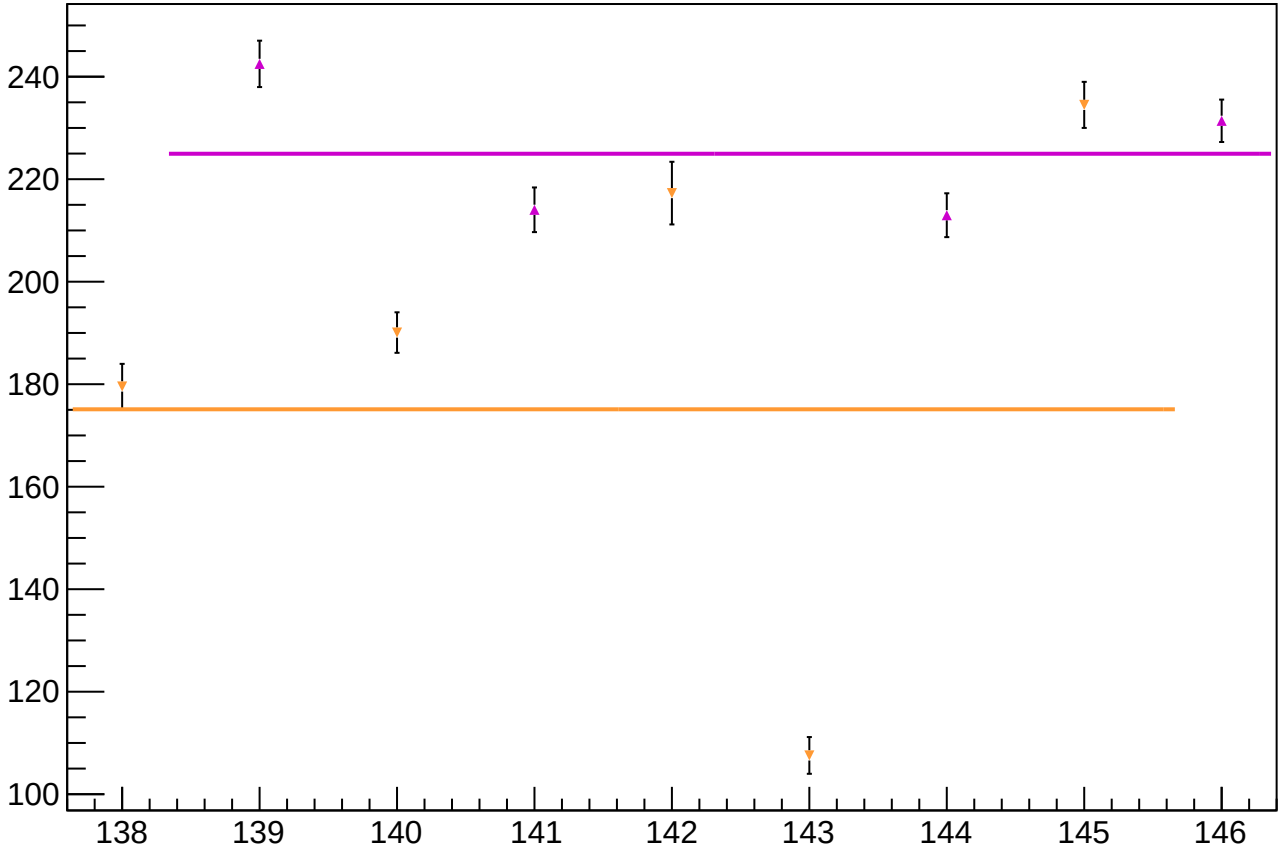
Left In: 148.647+/-0.105 χ^2/NDF:7569.7/3

+ sign 102.809+/-0.059 χ^2/NDF: 615581.2/21

All: 104.196+/-0.041 χ^2/NDF: 1085535.0/44

- sign 105.498+/-0.057 χ^2/NDF: 468885.6/22

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



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

Left Out: 175.103+/-1.927 χ^2/NDF:592.5/4

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

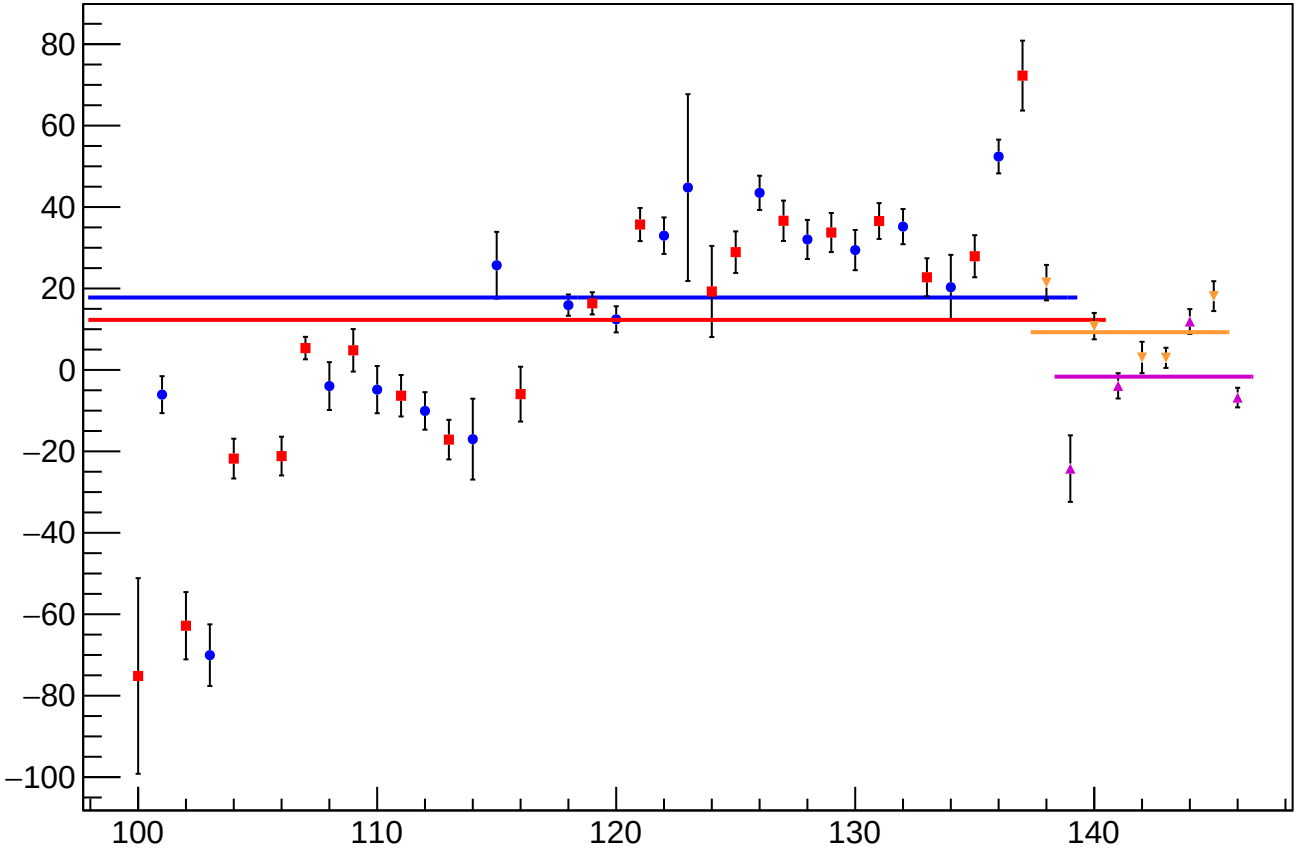
Left In: 224.966+/-2.159 χ^2/NDF:31.6/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 197.212+/-1.438 χ^2/NDF: 921.0/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786+/-1.146 χ^2/NDF: 395.1/16

Left Out: 9.264+/-1.486 χ^2/NDF:22.9/4

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

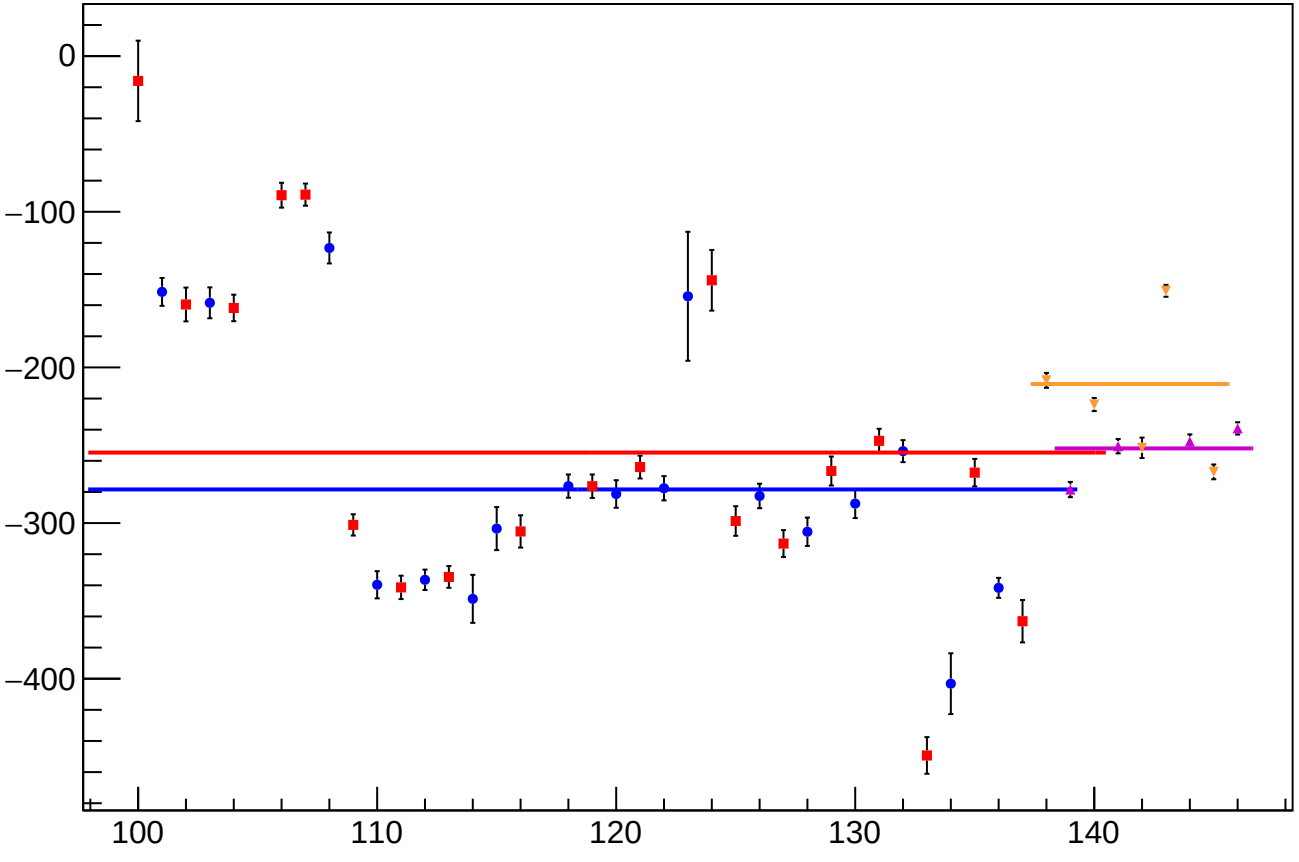
Left In: -1.656+/-1.585 χ^2/NDF:32.4/3

+ sign 14.607+/-0.908 χ^2/NDF: 438.7/21

All: 11.179+/-0.638 χ^2/NDF: 995.6/44

- sign 7.839+/-0.896 χ^2/NDF: 528.8/22

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393+/-2.168 χ^2/NDF: 910.5/16

Left Out: -210.662+/-2.059 χ^2/NDF:434.9/4

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

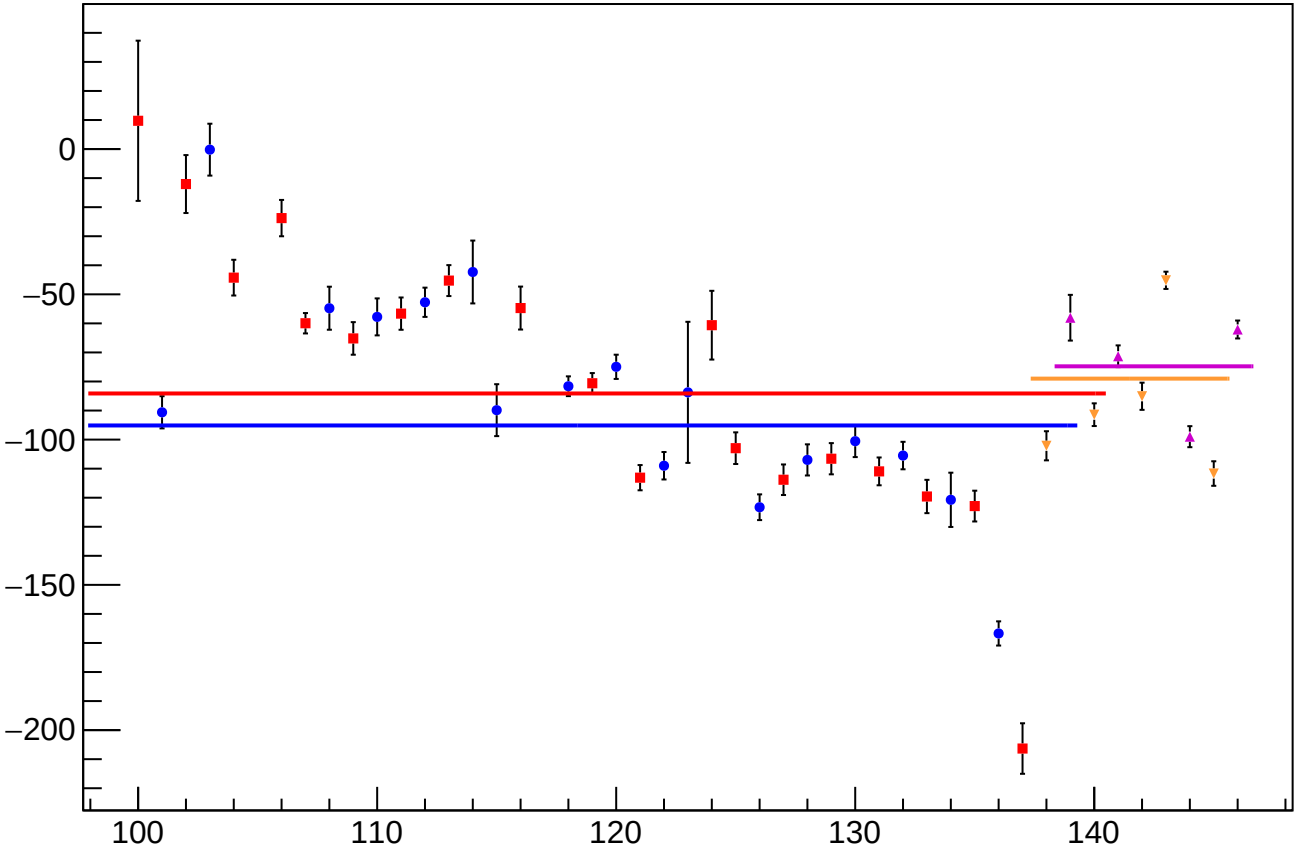
Left In: -252.035+/-2.236 χ^2/NDF:40.7/3

+ sign -242.790+/-1.493 χ^2/NDF: 1858.6/21

All: -248.125+/-1.058 χ^2/NDF: 3964.3/44

- sign -253.504+/-1.499 χ^2/NDF: 2080.0/22

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -79.012+/-1.766 χ^2/NDF:222.9/4

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

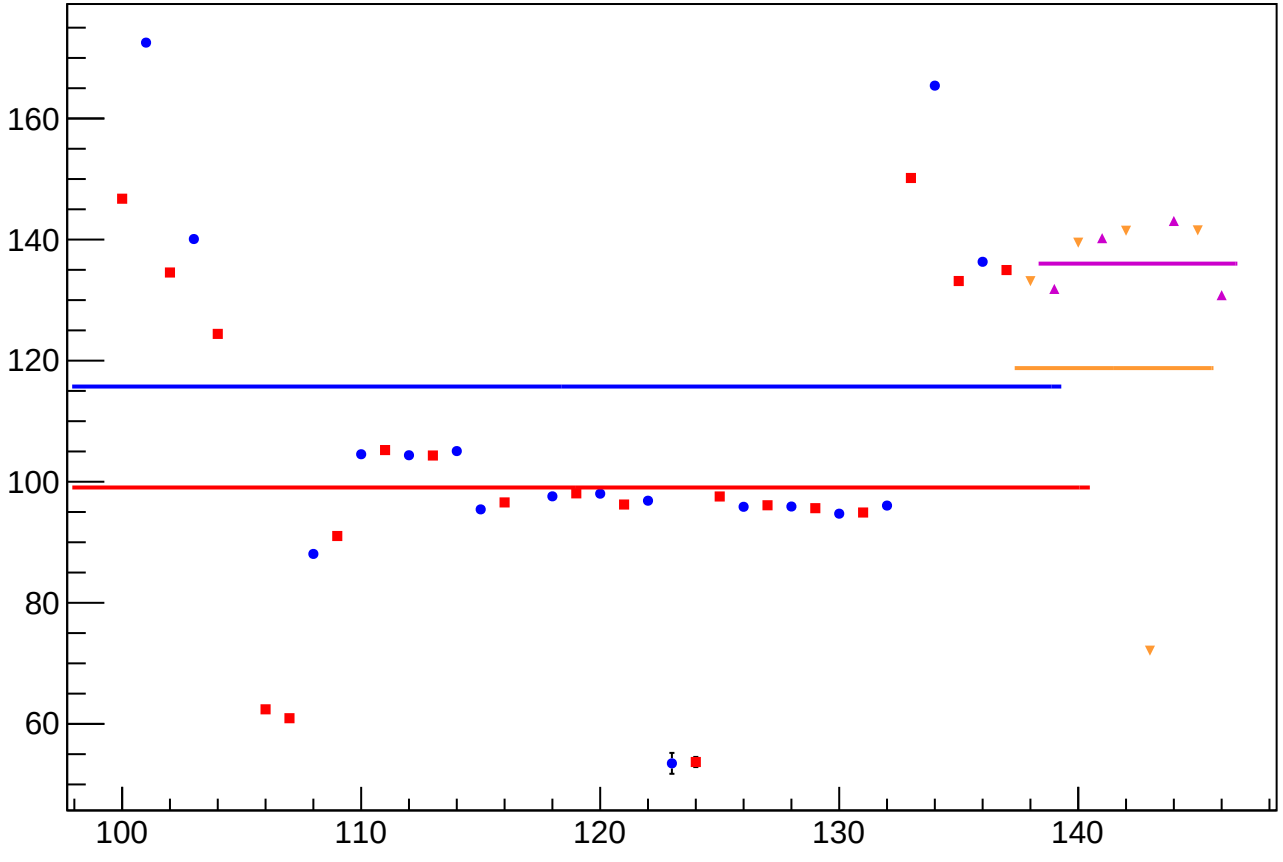
Left In: -74.778+/-1.928 χ^2/NDF:67.0/3

+ sign -89.342+/-1.059 χ^2/NDF: 951.2/21

All: -85.319+/-0.747 χ^2/NDF: 1846.4/44

- sign -81.331+/-1.054 χ^2/NDF: 866.4/22

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724+/-0.078 χ^2/NDF: 106388.1/16

Left Out: 118.769+/-0.084 χ^2/NDF:133133.3/4

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

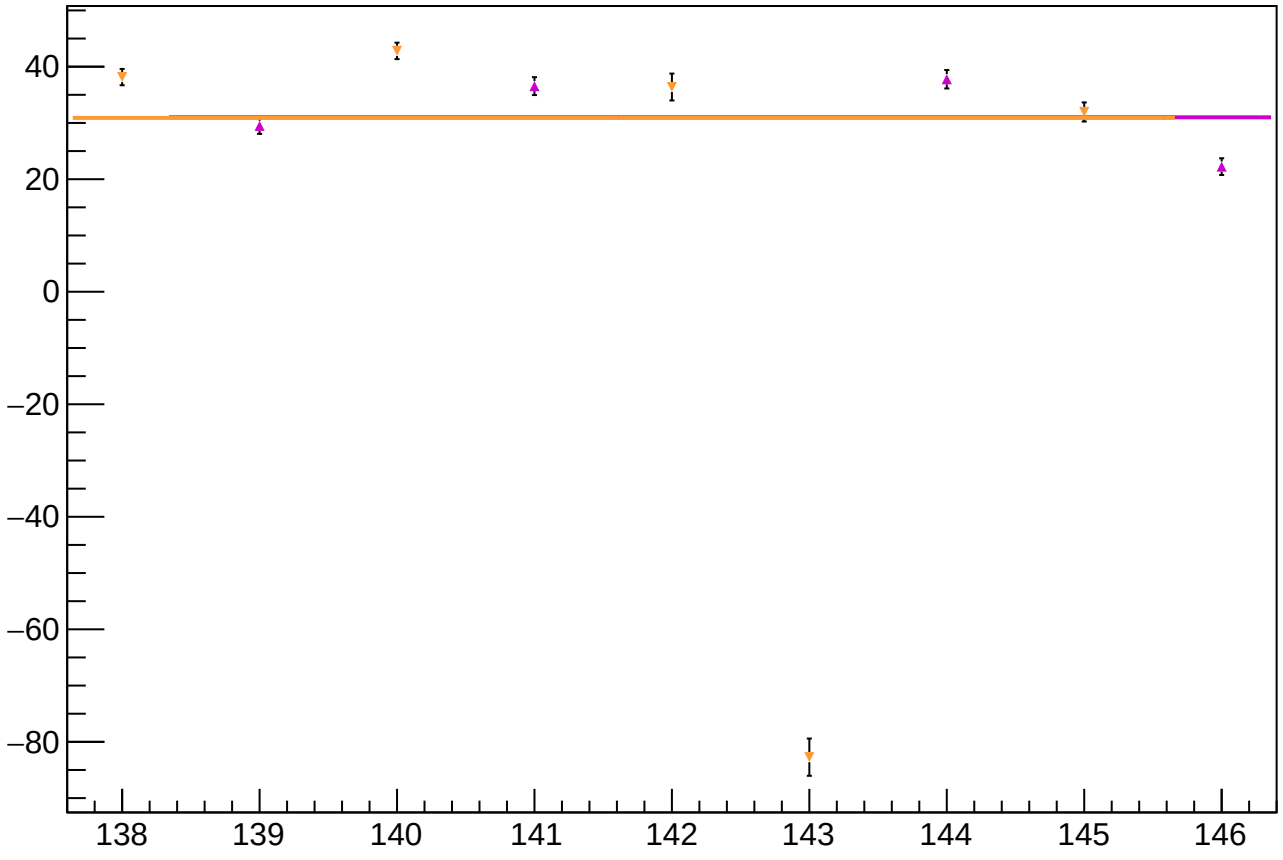
Left In: 136.027+/-0.093 χ^2/NDF:3144.2/3

+ sign 117.138+/-0.057 χ^2/NDF: 240229.9/21

All: 114.550+/-0.040 χ^2/NDF: 523979.0/44

- sign 112.143+/-0.055 χ^2/NDF: 279781.2/22

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 30.897+/-0.801 χ^2/NDF:1275.2/4

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

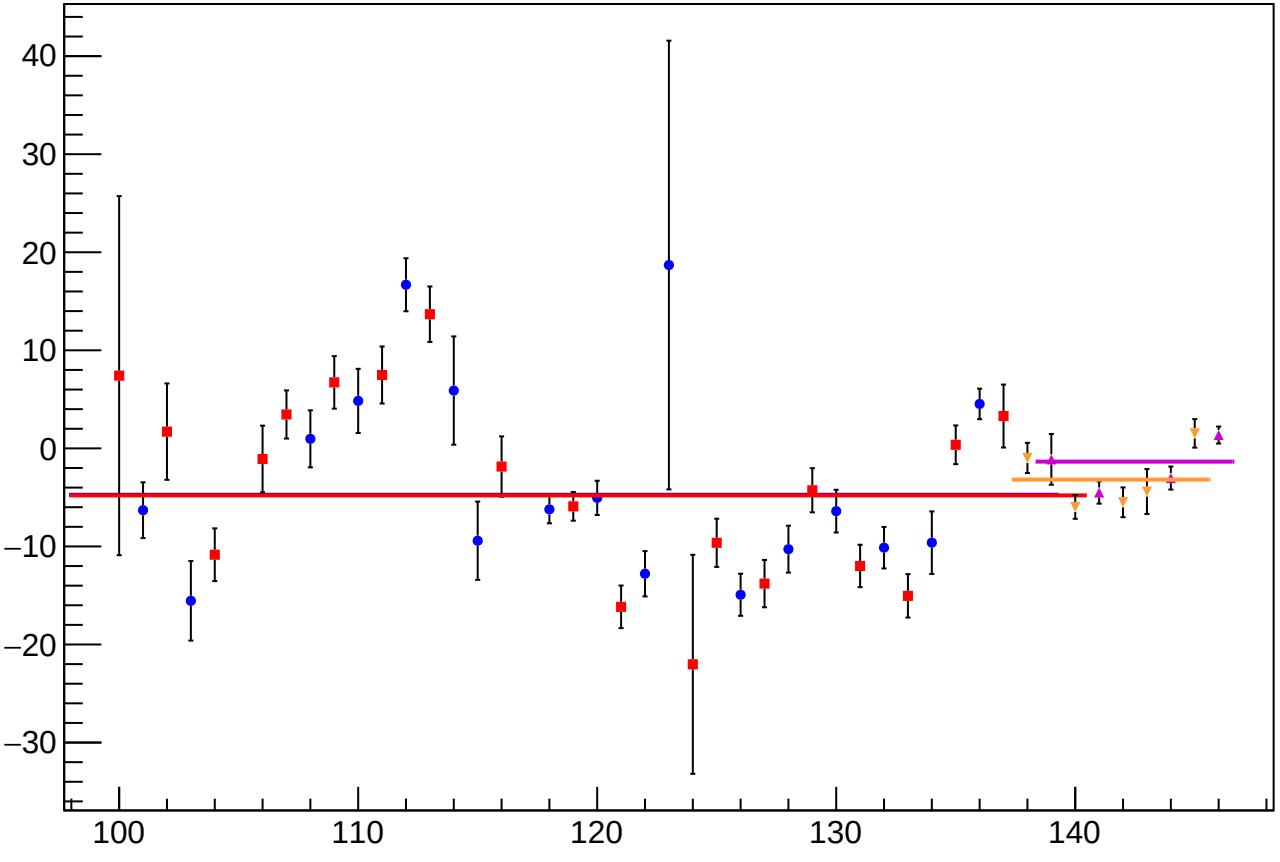
Left In: 31.000+/-0.765 χ^2/NDF:65.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 30.951+/-0.553 χ^2/NDF: 1340.3/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -3.185+/-0.673 χ^2/NDF:20.6/4

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

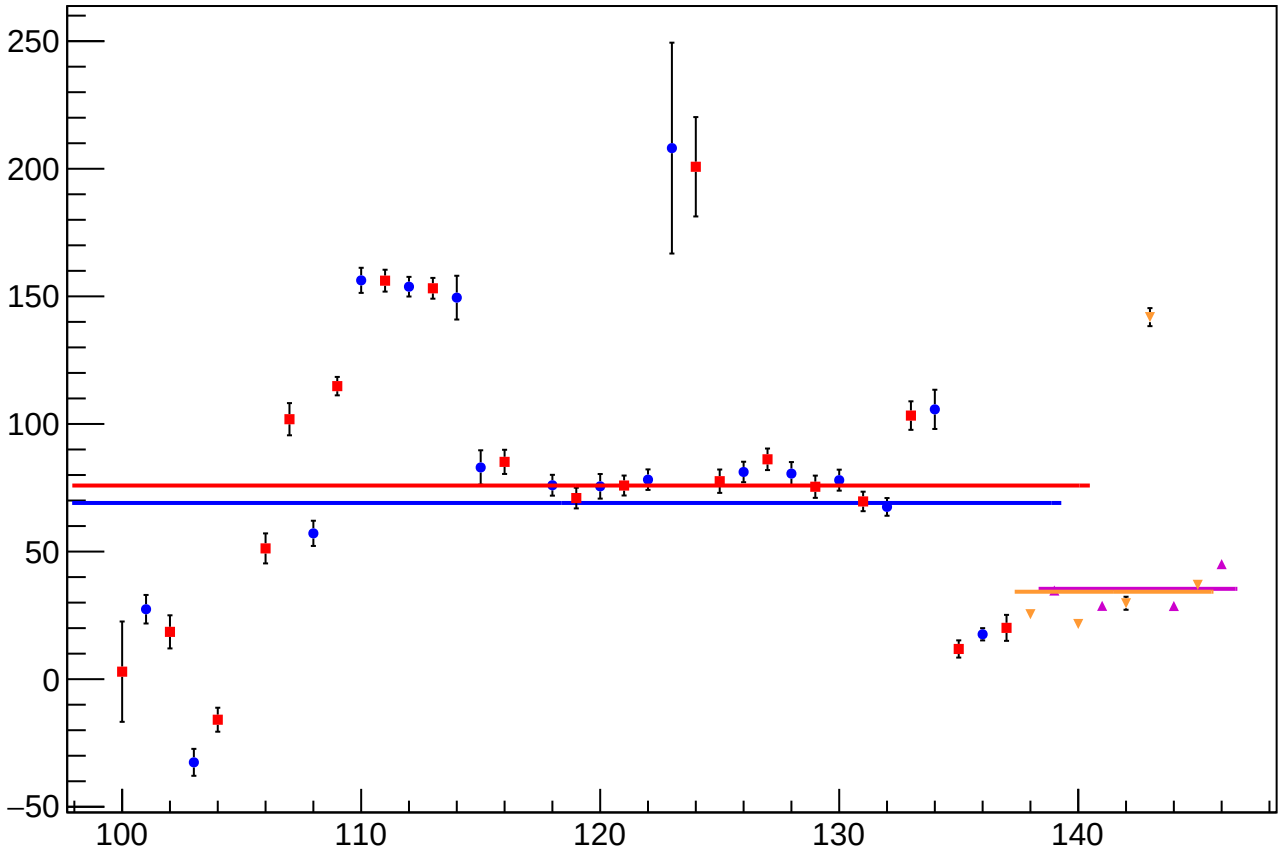
Left In: -1.351+/-0.579 χ^2/NDF:19.5/3

+ sign -4.072+/-0.439 χ^2/NDF: 198.4/21

All: -3.530+/-0.300 χ^2/NDF: 431.7/44

- sign -3.053+/-0.412 χ^2/NDF: 230.4/22

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048+/-1.077 χ^2/NDF: 1847.9/16

Left Out: 34.265+/-0.855 χ^2/NDF:1030.0/4

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

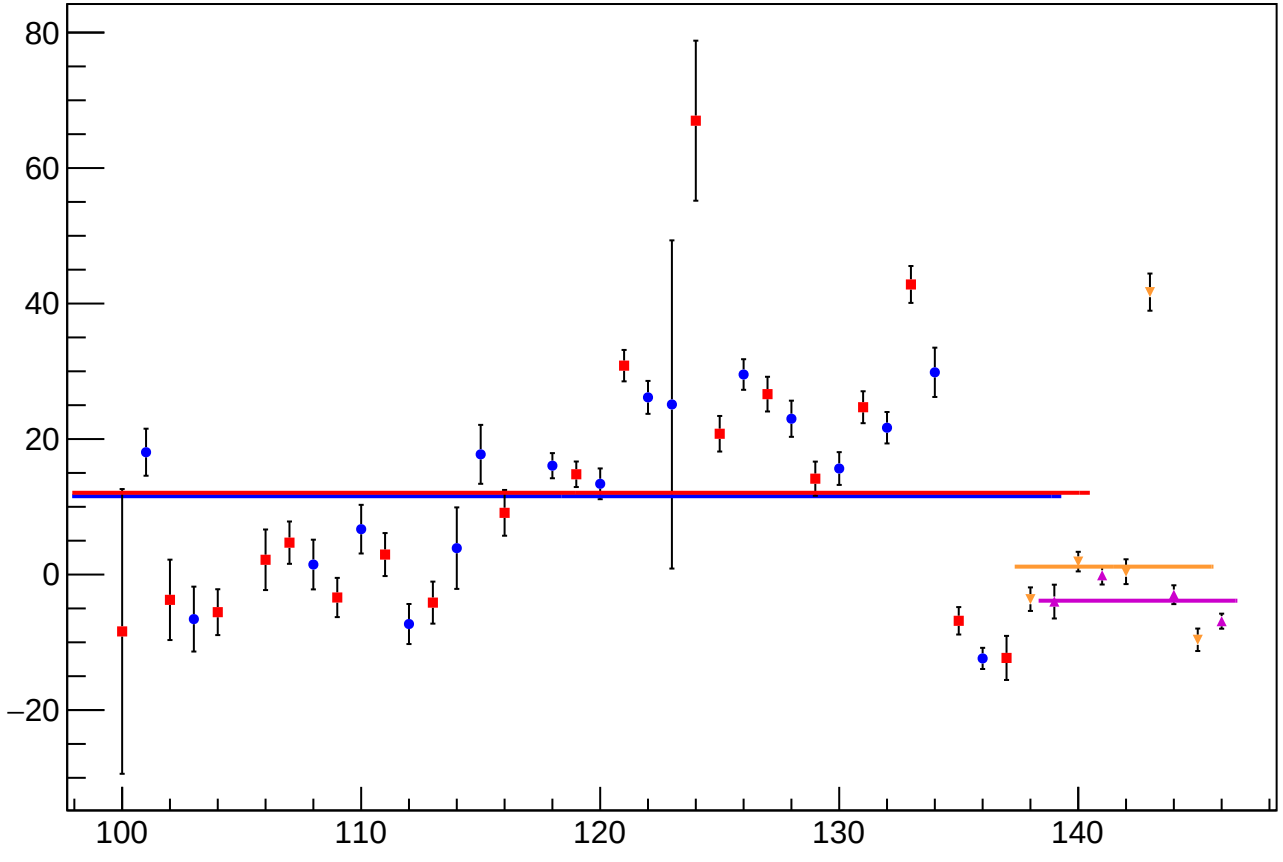
Left In: 35.401+/-0.794 χ^2/NDF:76.8/3

+ sign 47.714+/-0.669 χ^2/NDF: 3518.1/21

All: 48.799+/-0.462 χ^2/NDF: 6418.3/44

- sign 49.783+/-0.637 χ^2/NDF: 2895.3/22

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: 1.170+/-0.789 χ^2/NDF:268.7/4

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

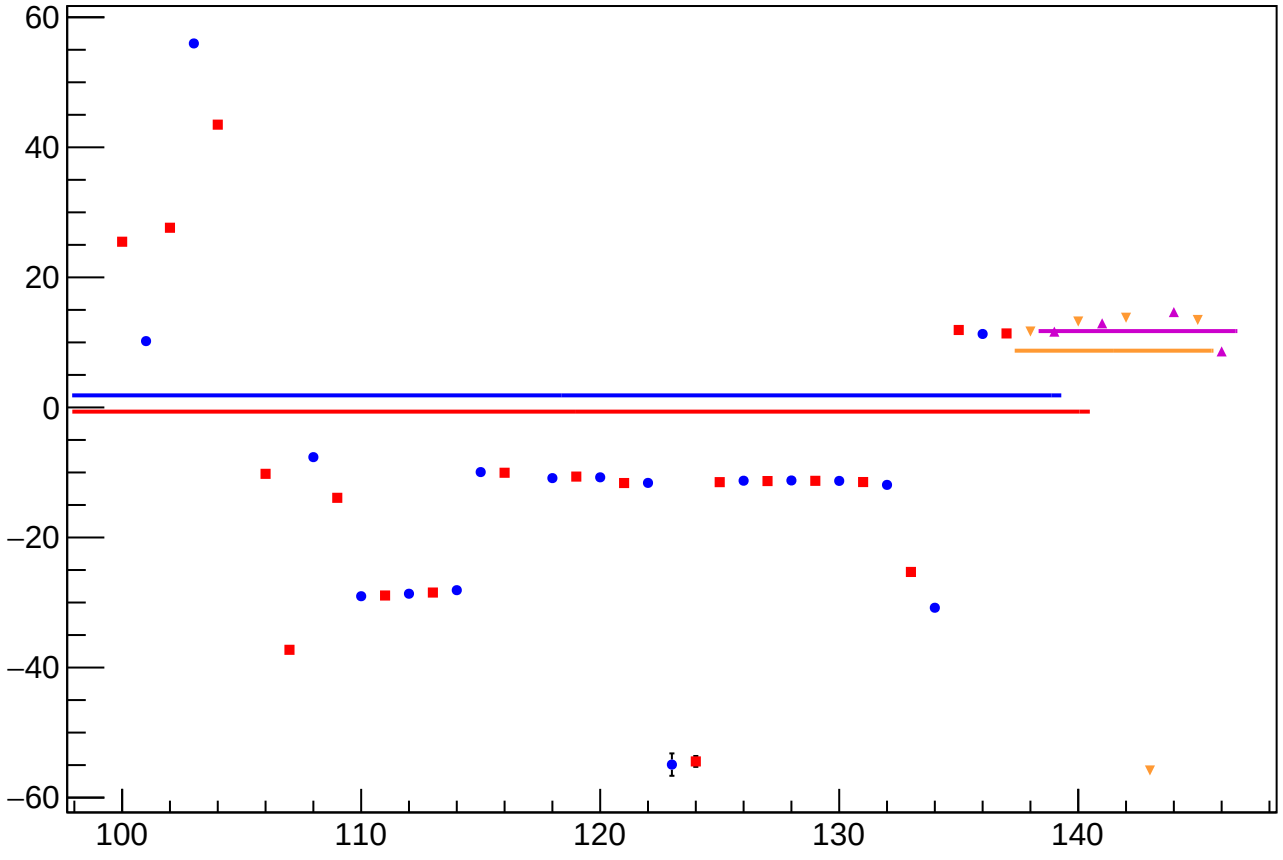
Left In: -3.857+/-0.702 χ^2/NDF:15.4/3

+ sign 7.301+/-0.506 χ^2/NDF: 849.2/21

All: 5.862+/-0.349 χ^2/NDF: 1694.7/44

- sign 4.549+/-0.483 χ^2/NDF: 830.0/22

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 8.728+/-0.035 χ^2/NDF:221684.5/4

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

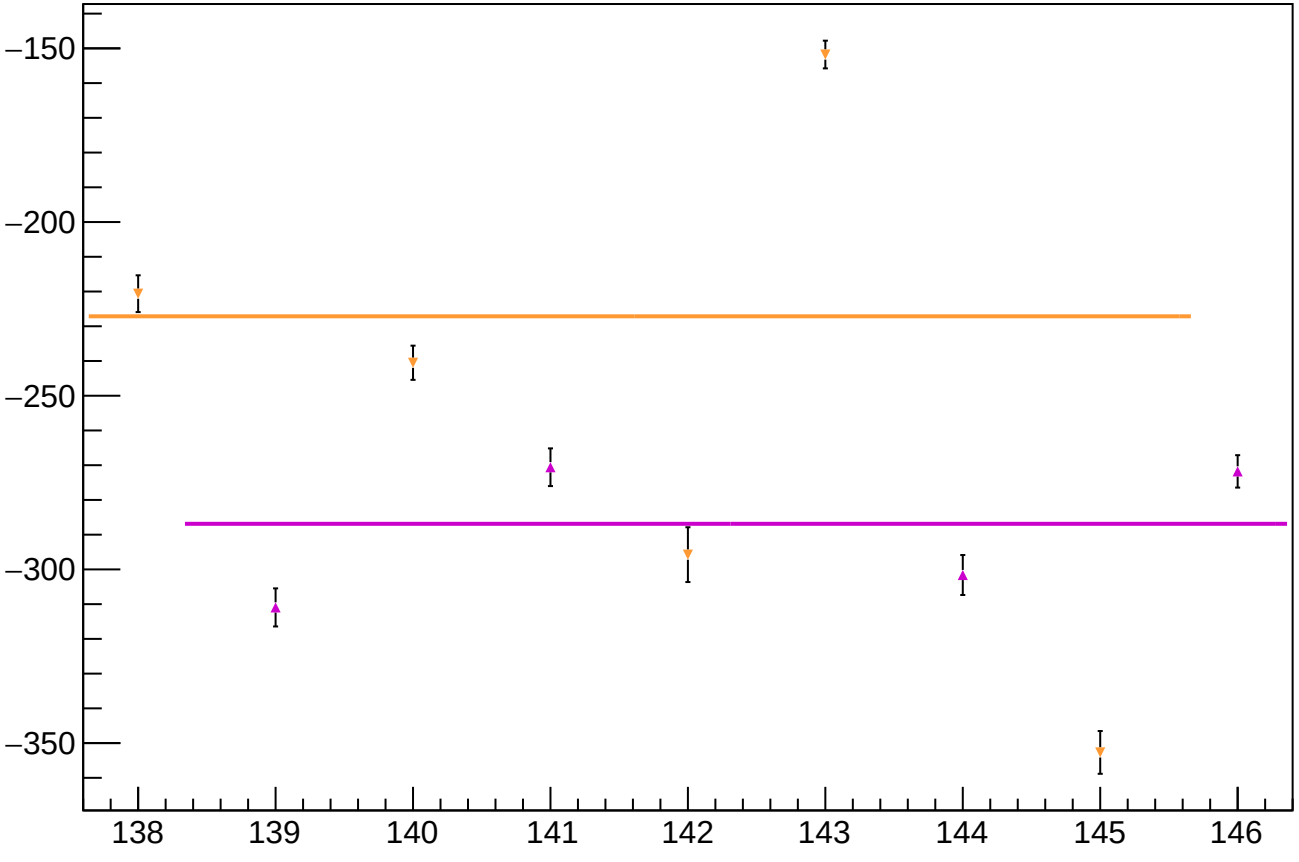
Left In: 11.740+/-0.032 χ^2/NDF:4030.0/3

+ sign 5.523+/-0.025 χ^2/NDF: 599513.2/21

All: 5.963+/-0.018 χ^2/NDF: 1029058.7/44

- sign 6.373+/-0.024 χ^2/NDF: 428959.6/22

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



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

Left Out: -227.137+/-2.342 χ^2/NDF:857.3/4

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

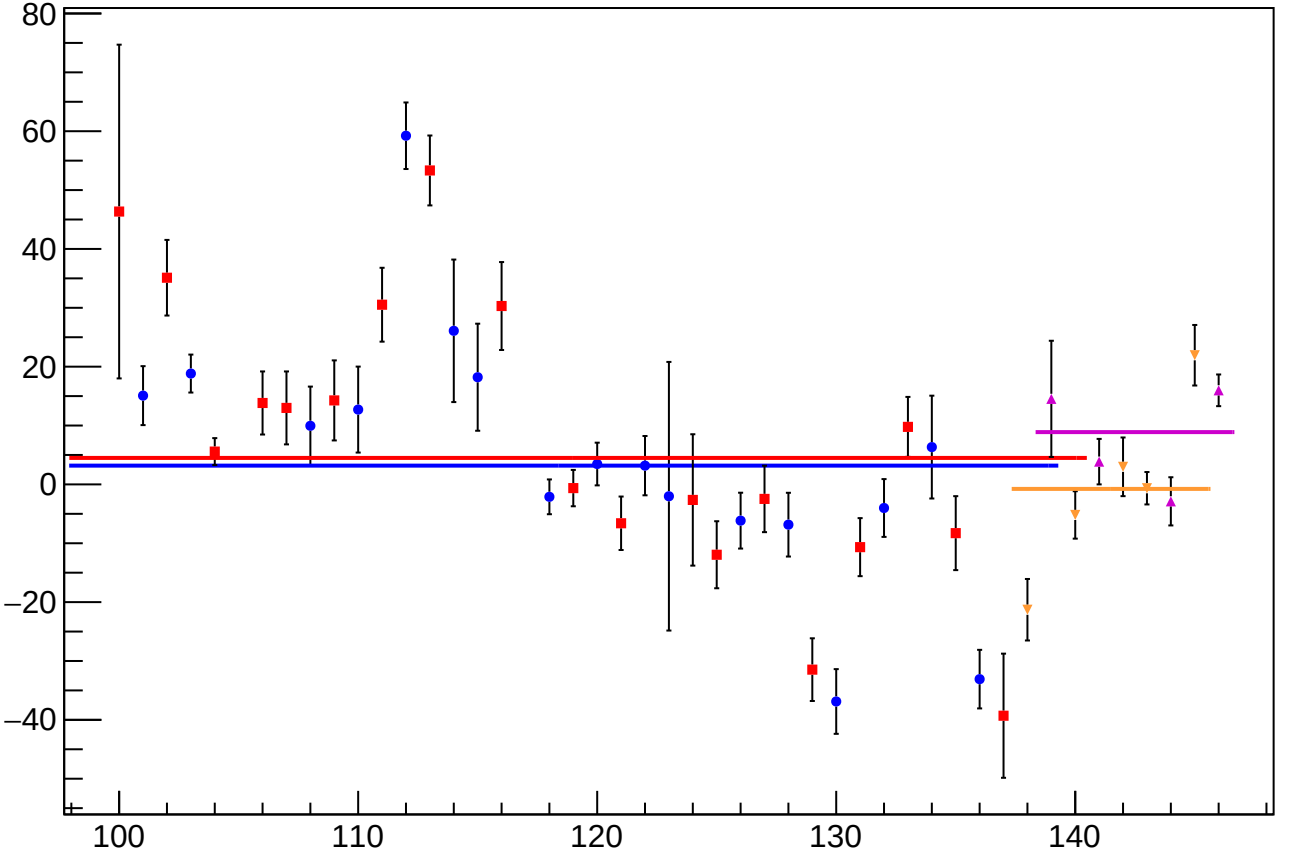
Left In: -286.871+/-2.640 χ^2/NDF:45.3/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -253.445+/-1.752 χ^2/NDF: 1189.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188+/-1.225 χ^2/NDF: 255.6/16

Left Out: -0.766+/-1.801 χ^2/NDF:36.7/4

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

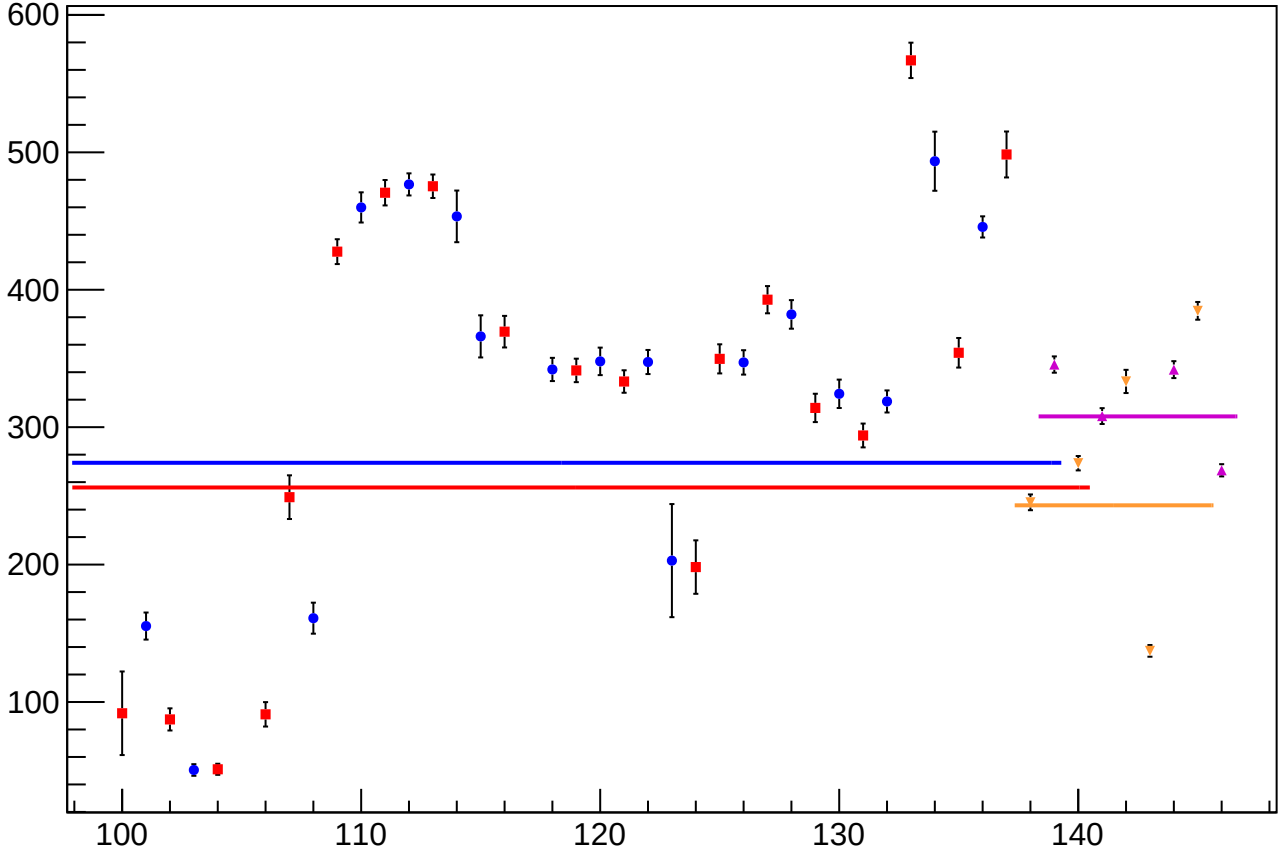
Left In: 8.883+/-1.907 χ^2/NDF:17.2/3

+ sign 1.937+/-1.013 χ^2/NDF: 295.6/21

All: 3.851+/-0.708 χ^2/NDF: 549.1/44

- sign 5.681+/-0.991 χ^2/NDF: 246.5/22

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079+/-2.191 χ^2/NDF: 5112.0/16

Left Out: 243.125+/-2.500 χ^2/NDF:1247.7/4

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

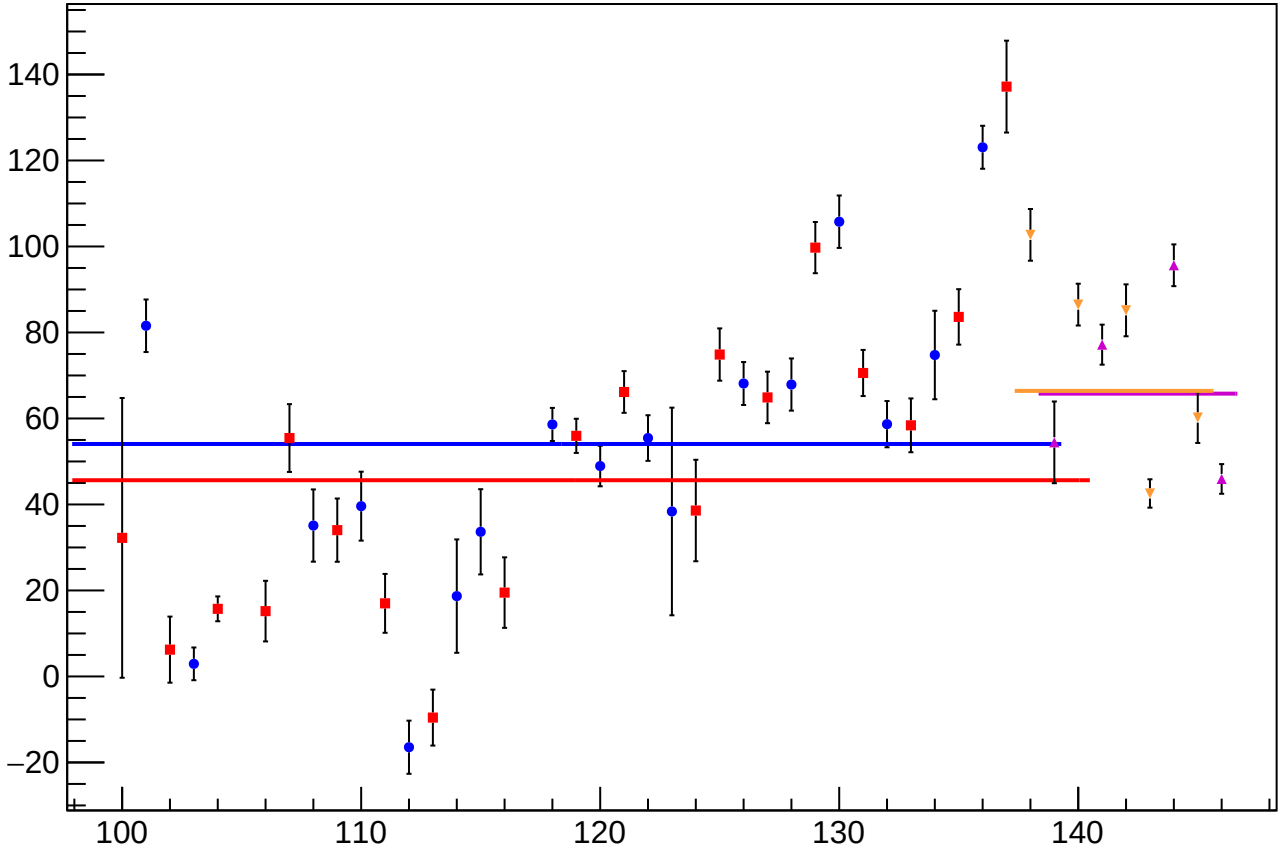
Left In: 307.835+/-2.719 χ^2/NDF:148.6/3

+ sign 260.634+/-1.648 χ^2/NDF: 6446.3/21

All: 267.902+/-1.167 χ^2/NDF: 13306.3/44

- sign 275.208+/-1.652 χ^2/NDF: 6820.9/22

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065+/-1.421 χ^2/NDF: 634.4/16

Left Out: 66.411+/-2.143 χ^2/NDF:116.4/4

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

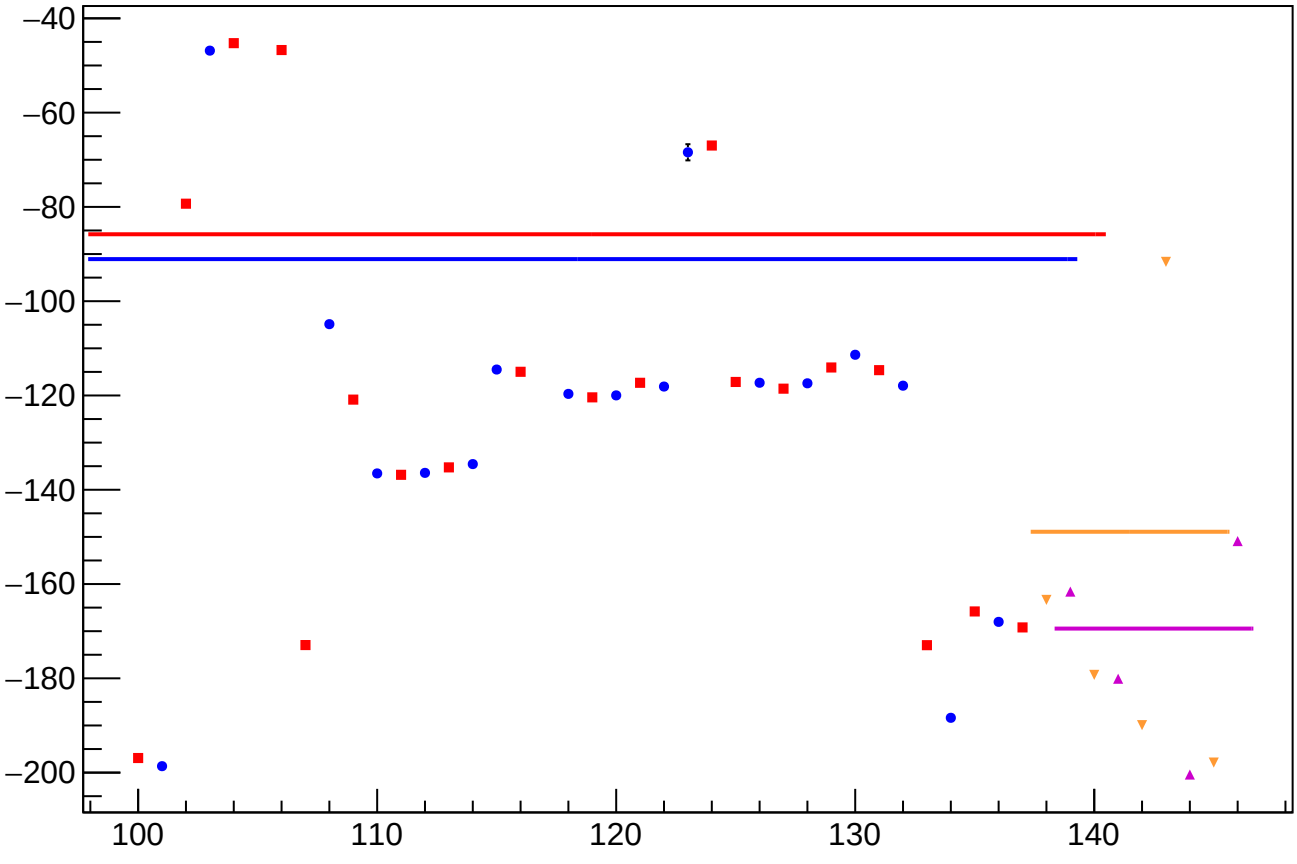
Left In: 65.773+/-2.334 χ^2/NDF:78.2/3

+ sign 57.834+/-1.184 χ^2/NDF: 773.8/21

All: 54.256+/-0.834 χ^2/NDF: 1456.5/44

- sign 50.735+/-1.174 χ^2/NDF: 664.6/22

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074+/-0.068 χ^2/NDF: 534647.5/16

Left Out: -148.910+/-0.102 χ^2/NDF:185344.3/4

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

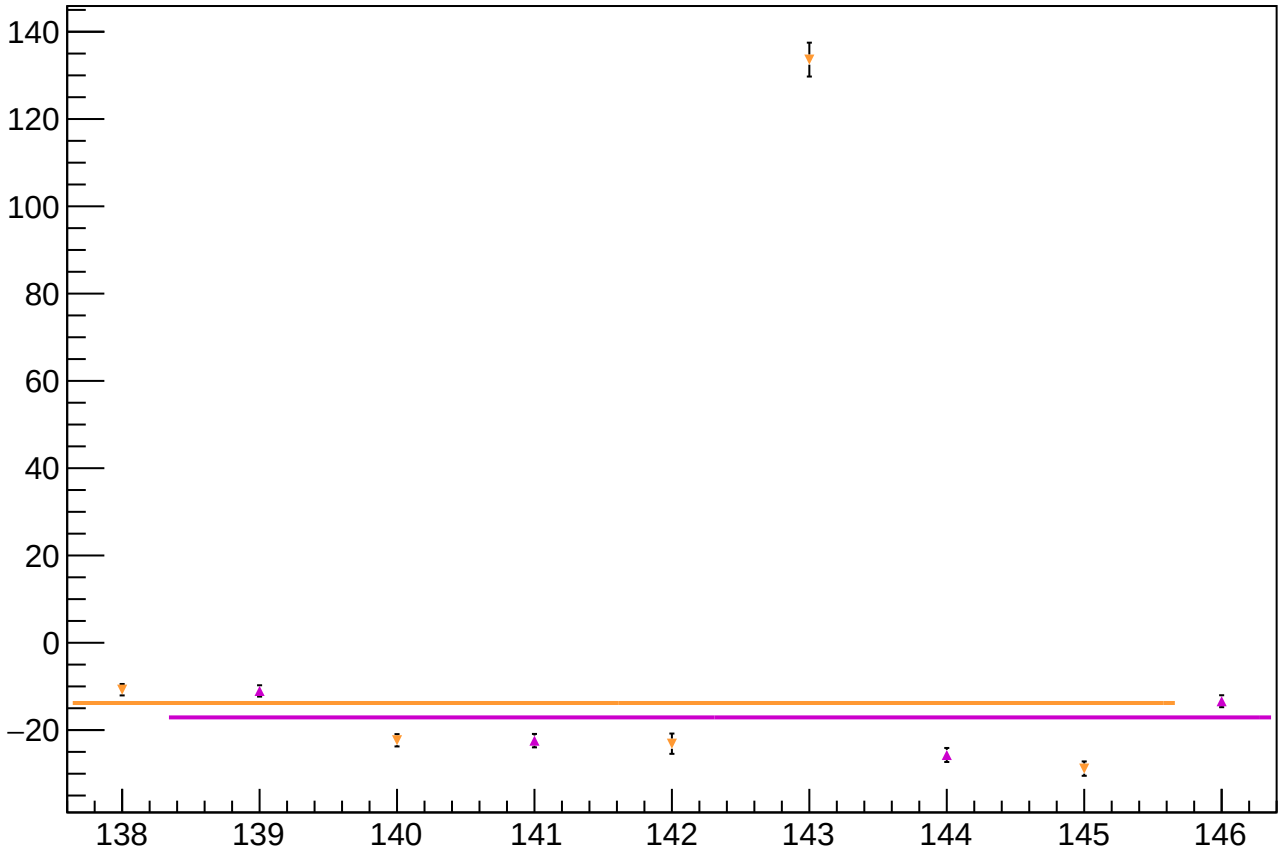
Left In: -169.448+/-0.113 χ^2/NDF:24875.0/3

+ sign -108.757+/-0.056 χ^2/NDF: 944256.0/21

All: -107.730+/-0.040 χ^2/NDF: 1878908.6/44

- sign -106.701+/-0.056 χ^2/NDF: 933986.4/22

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.797+/-0.766 χ^2/NDF:1584.0/4

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

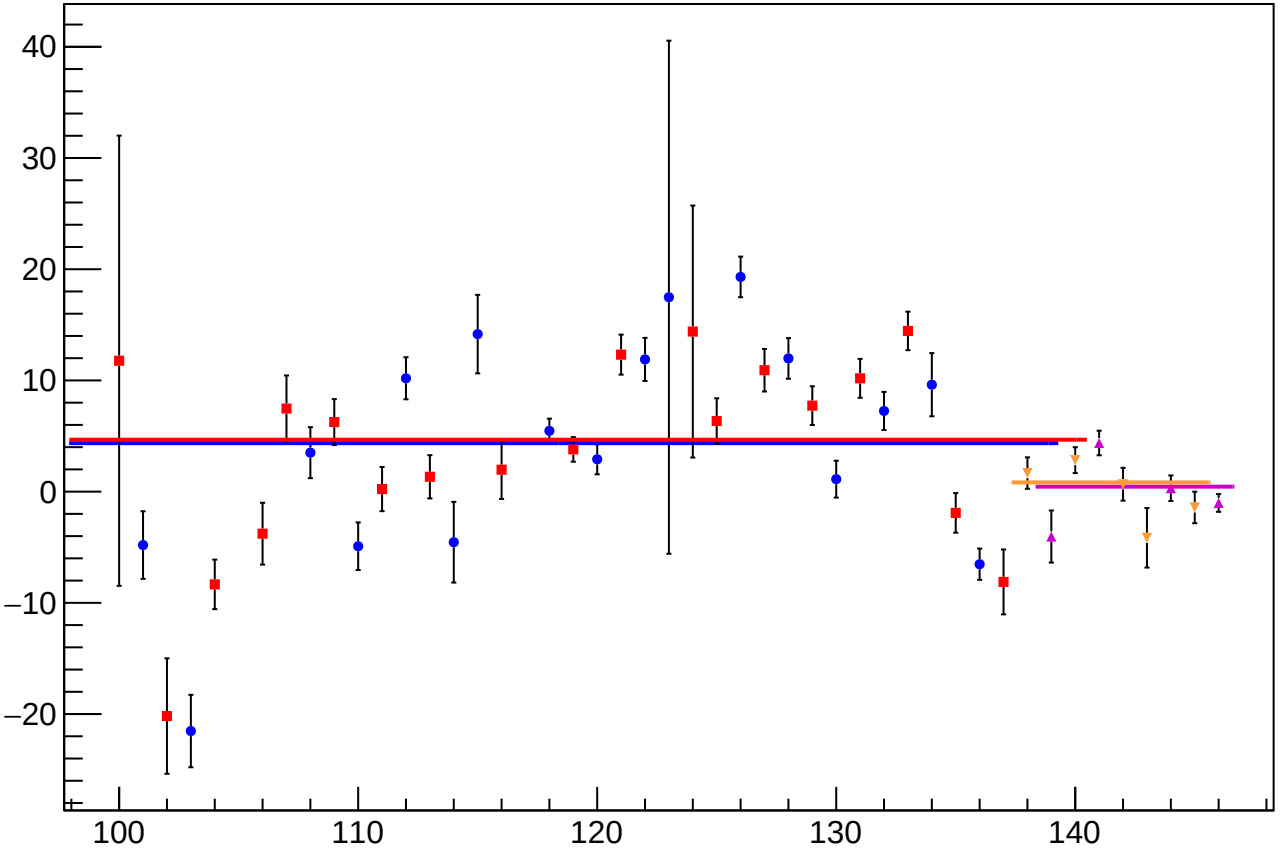
Left In: -17.098+/-0.719 χ^2/NDF:69.9/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.553+/-0.524 χ^2/NDF: 1663.7/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361+/-0.464 χ^2/NDF: 286.5/16

Left Out: 0.830+/-0.655 χ^2/NDF:9.3/4

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

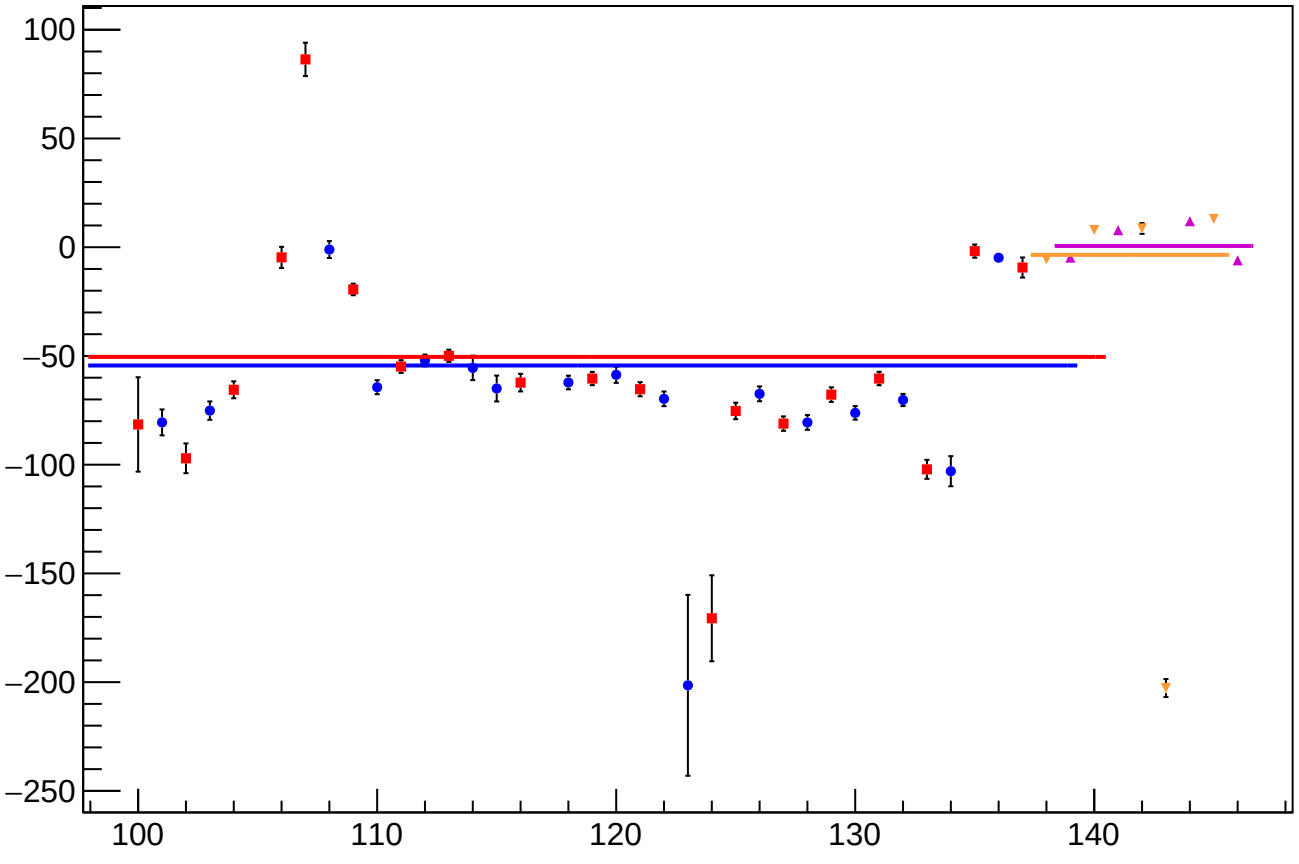
Left In: 0.448+/-0.549 χ^2/NDF:19.7/3

+ sign 3.180+/-0.379 χ^2/NDF: 315.1/21

All: 3.014+/-0.260 χ^2/NDF: 554.4/44

- sign 2.865+/-0.359 χ^2/NDF: 239.0/22

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392+/-0.863 χ^2/NDF: 1013.4/16

Left Out: -3.510+/-0.818 χ^2/NDF:2489.2/4

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

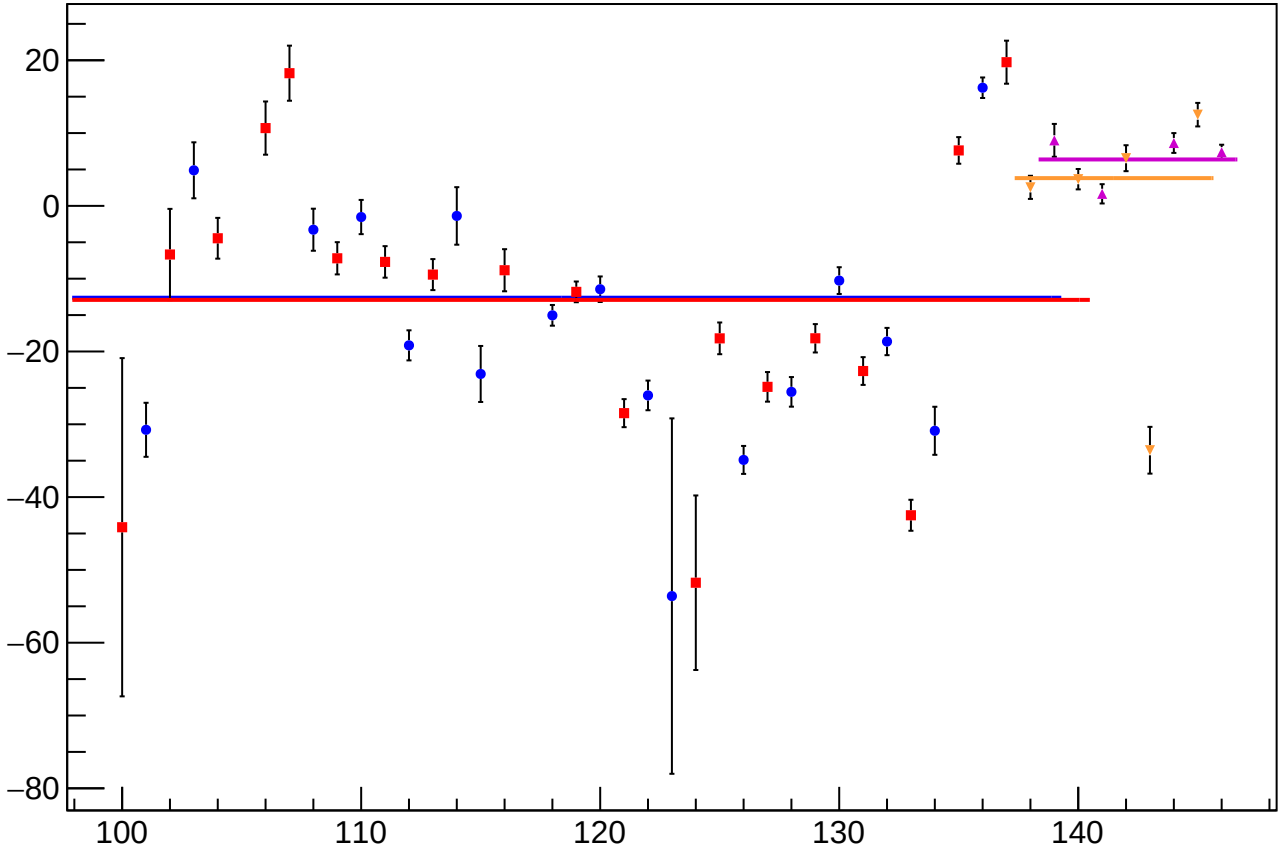
Left In: 0.585+/-0.745 χ^2/NDF:103.3/3

+ sign -27.598+/-0.593 χ^2/NDF: 5335.2/21

All: -24.316+/-0.408 χ^2/NDF: 8839.2/44

- sign -21.369+/-0.562 χ^2/NDF: 3446.0/22

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616+/-0.530 χ^2/NDF: 788.2/16

Left Out: 3.812+/-0.767 χ^2/NDF:167.5/4

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

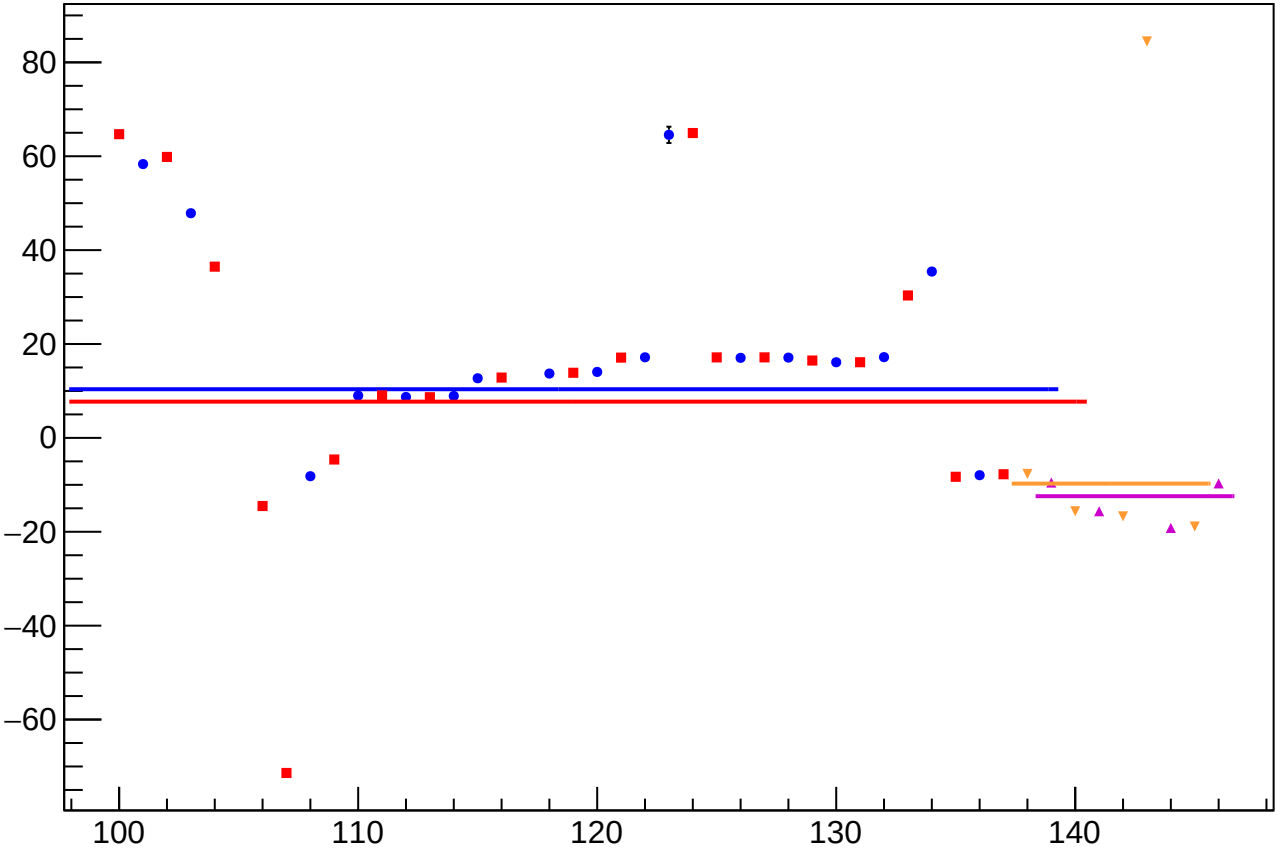
Left In: 6.375+/-0.665 χ^2/NDF:17.8/3

+ sign -7.301+/-0.436 χ^2/NDF: 1266.4/21

All: -6.249+/-0.302 χ^2/NDF: 2533.7/44

- sign -5.280+/-0.418 χ^2/NDF: 1256.2/22

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366+/-0.031 χ^2/NDF: 381003.5/16

Left Out: -9.736+/-0.033 χ^2/NDF:354314.0/4

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

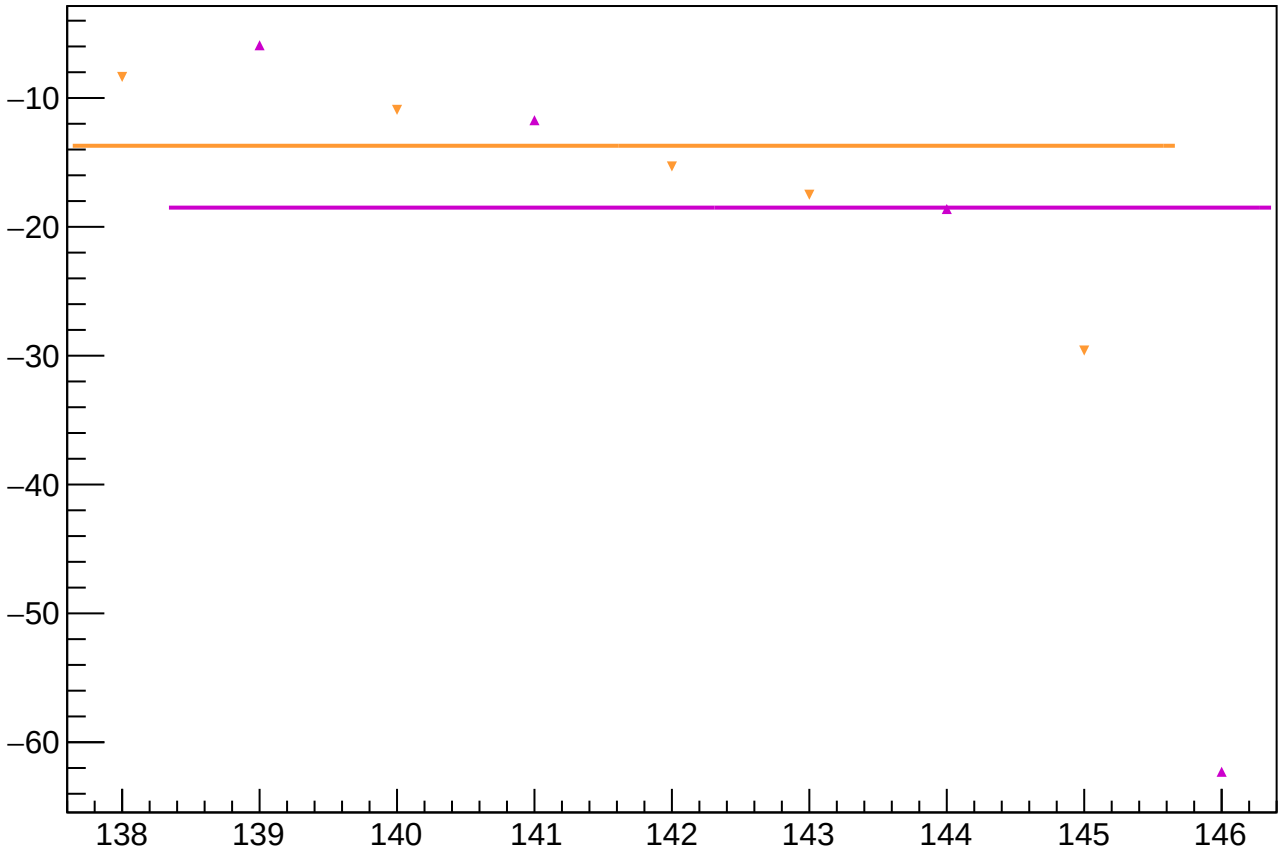
Left In: -12.422+/-0.030 χ^2/NDF:15938.4/3

+ sign 1.093+/-0.022 χ^2/NDF: 935220.7/21

All: -0.841+/-0.016 χ^2/NDF: 1724752.9/44

- sign -2.663+/-0.022 χ^2/NDF: 775076.7/22

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -13.707+/-0.120 χ^2/NDF:3075.5/4

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

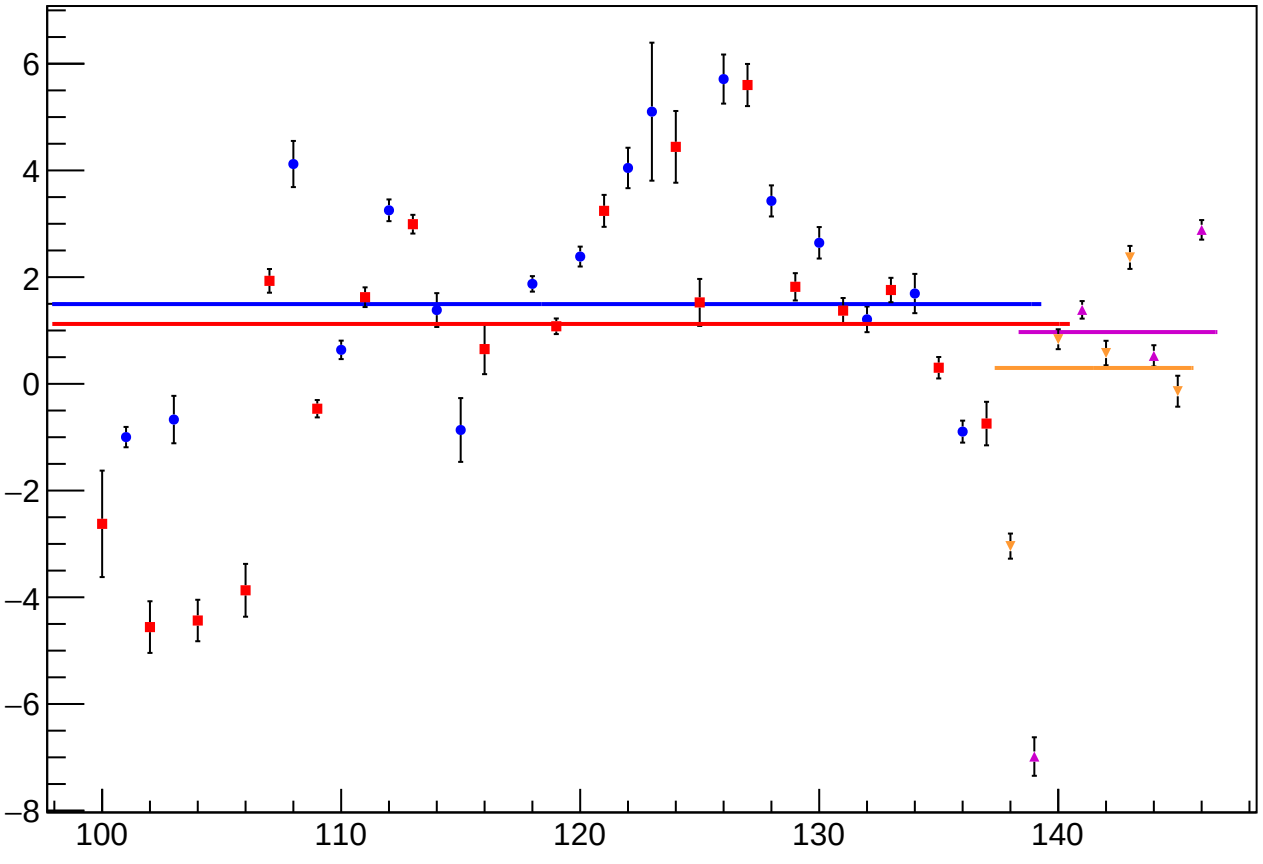
Left In: -18.509+/-0.122 χ^2/NDF:24338.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -16.058+/-0.085 χ^2/NDF: 28204.1/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495+/-0.061 χ^2/NDF: 708.8/16

Left Out: 0.298+/-0.100 χ^2/NDF:305.7/4

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

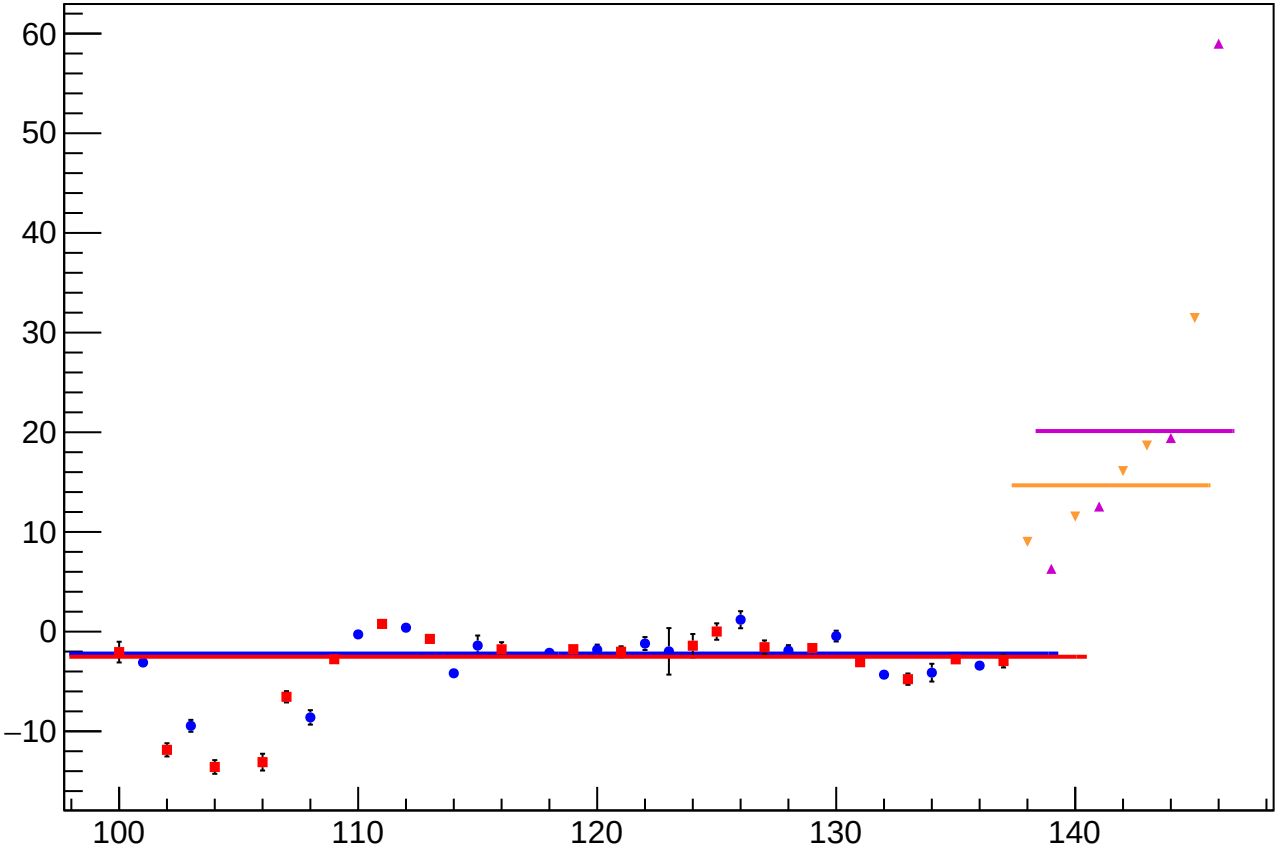
Left In: 0.971+/-0.100 χ^2/NDF:605.8/3

+ sign 1.172+/-0.052 χ^2/NDF: 1118.3/21

All: 1.126+/-0.036 χ^2/NDF: 2673.7/44

- sign 1.084+/-0.050 χ^2/NDF: 1554.0/22

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 14.680+/-0.128 χ^2/NDF:3049.8/4

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

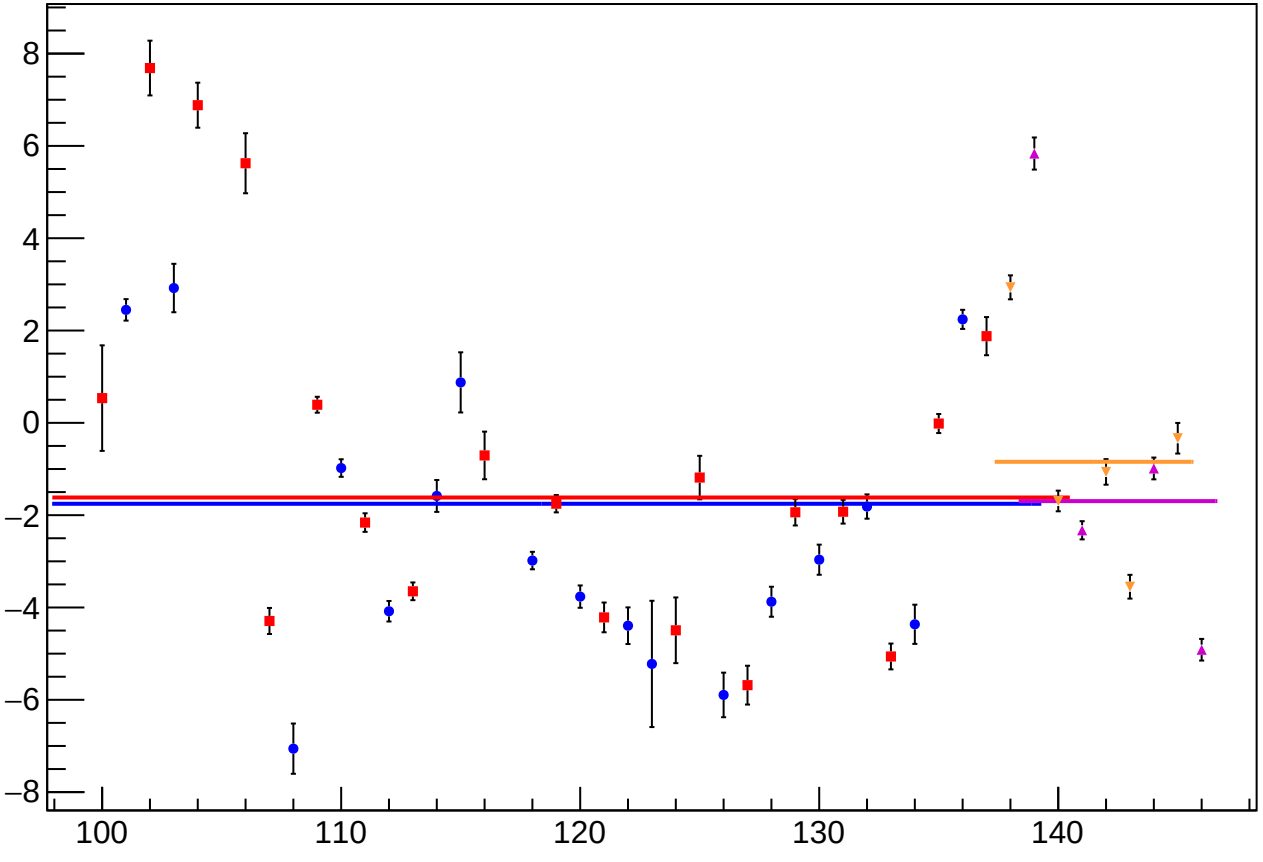
Left In: 20.125+/-0.128 χ^2/NDF:21872.4/3

+ sign 5.003+/-0.084 χ^2/NDF: 13452.8/21

All: 5.490+/-0.057 χ^2/NDF: 55804.5/44

- sign 5.917+/-0.078 χ^2/NDF: 42288.3/22

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -0.844+/-0.118 χ^2/NDF:339.7/4

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

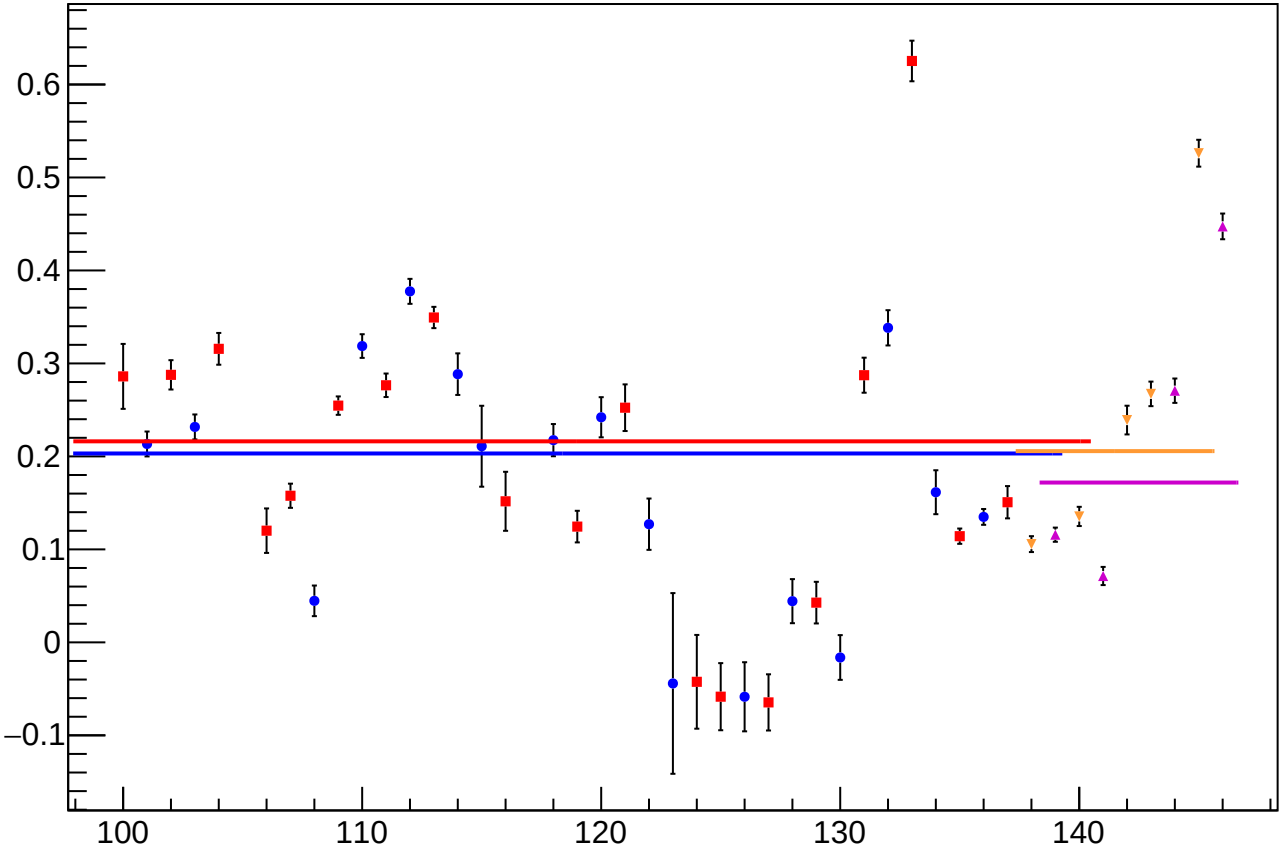
Left In: -1.695+/-0.119 χ^2/NDF:676.6/3

+ sign -1.514+/-0.060 χ^2/NDF: 1728.6/21

All: -1.578+/-0.042 χ^2/NDF: 3895.2/44

- sign -1.635+/-0.058 χ^2/NDF: 2164.5/22

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.206+/-0.005 χ^2/NDF:701.4/4

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

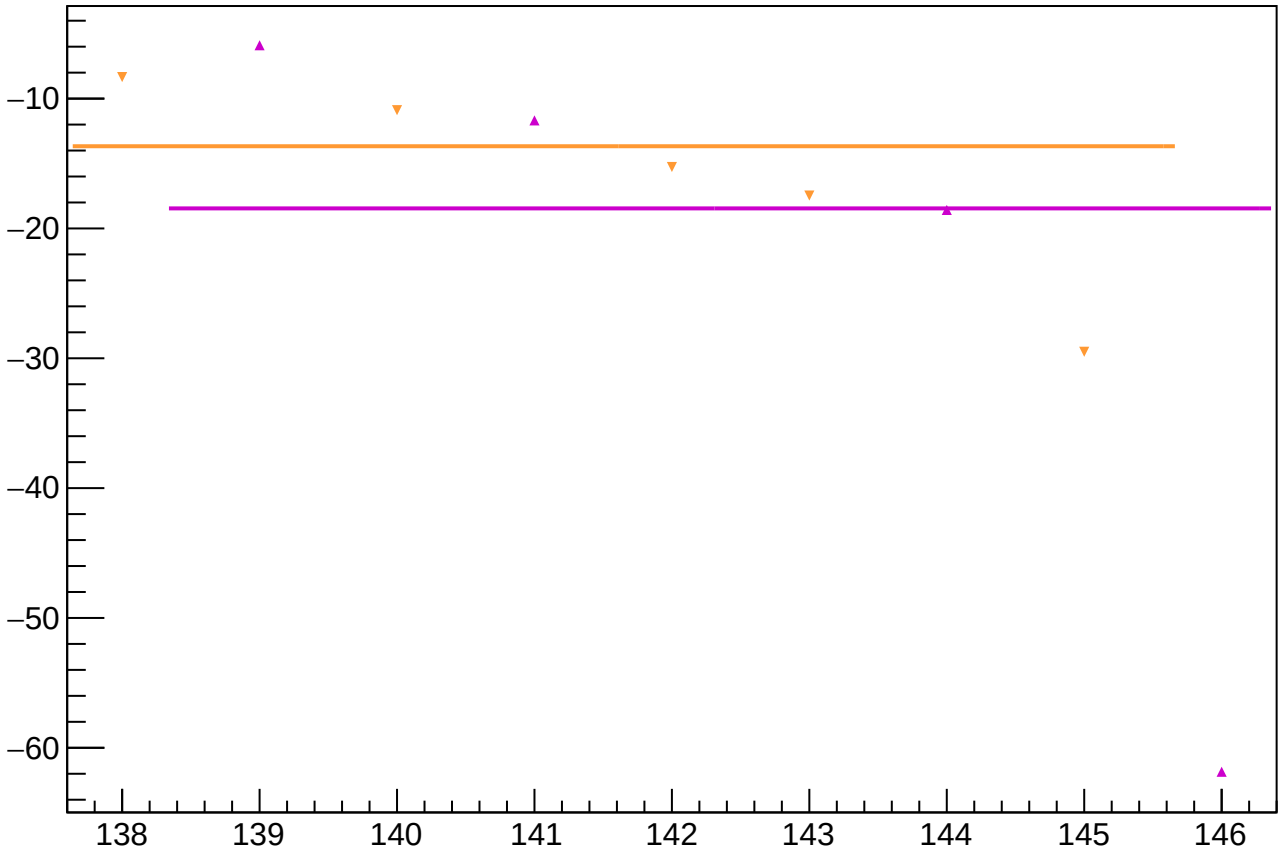
Left In: 0.172+/-0.005 χ^2/NDF:613.7/3

+ sign 0.204+/-0.003 χ^2/NDF: 1378.7/21

All: 0.202+/-0.002 χ^2/NDF: 3110.1/44

- sign 0.201+/-0.003 χ^2/NDF: 1730.8/22

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -13.668+/-0.119 χ^2/NDF:3082.7/4

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

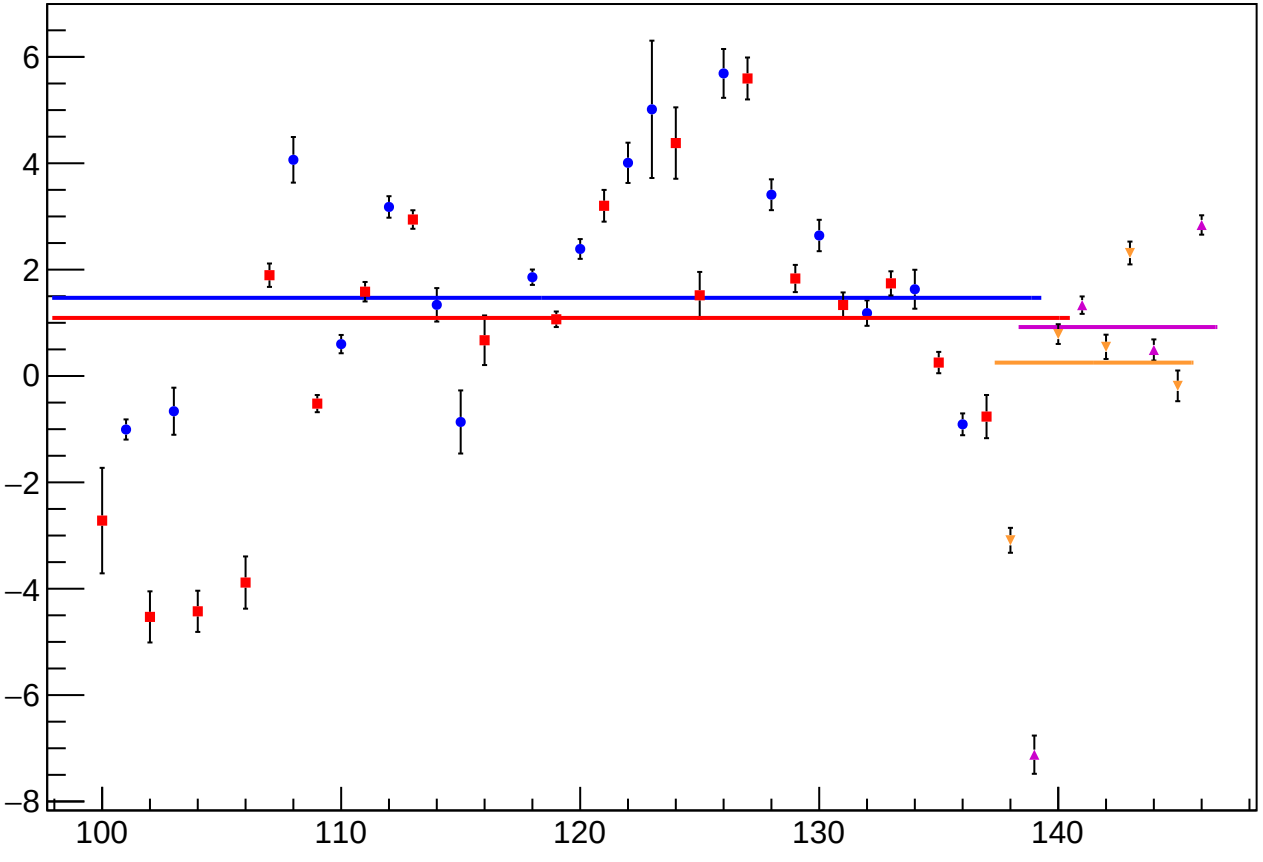
Left In: -18.456+/-0.121 χ^2/NDF:24293.2/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -16.014+/-0.085 χ^2/NDF: 28168.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470+/-0.061 χ^2/NDF: 707.9/16

Left Out: 0.252+/-0.100 χ^2/NDF:307.9/4

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

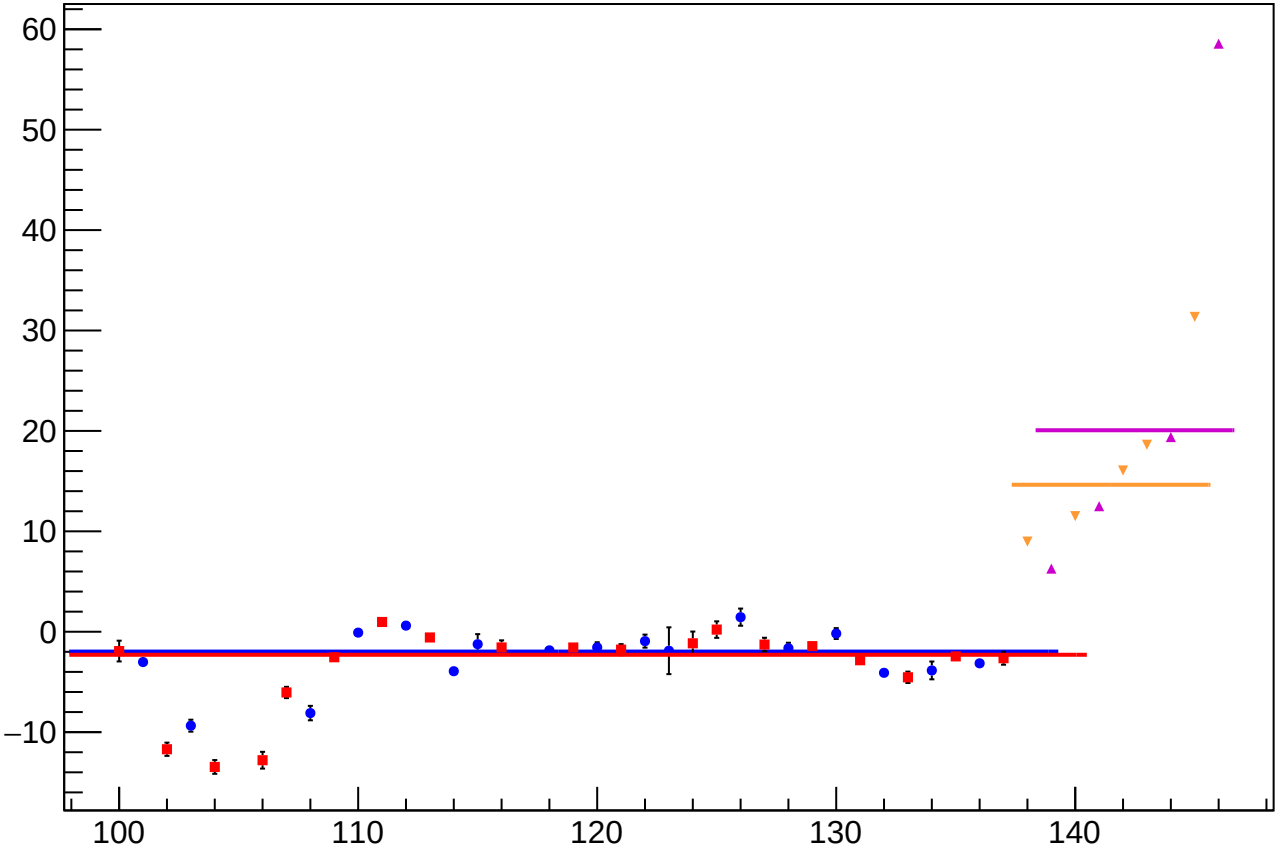
Left In: 0.920+/-0.100 χ^2/NDF:622.3/3

+ sign 1.141+/-0.052 χ^2/NDF: 1124.2/21

All: 1.093+/-0.036 χ^2/NDF: 2702.4/44

- sign 1.049+/-0.050 χ^2/NDF: 1576.6/22

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 14.639+/-0.128 χ^2/NDF:3057.3/4

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

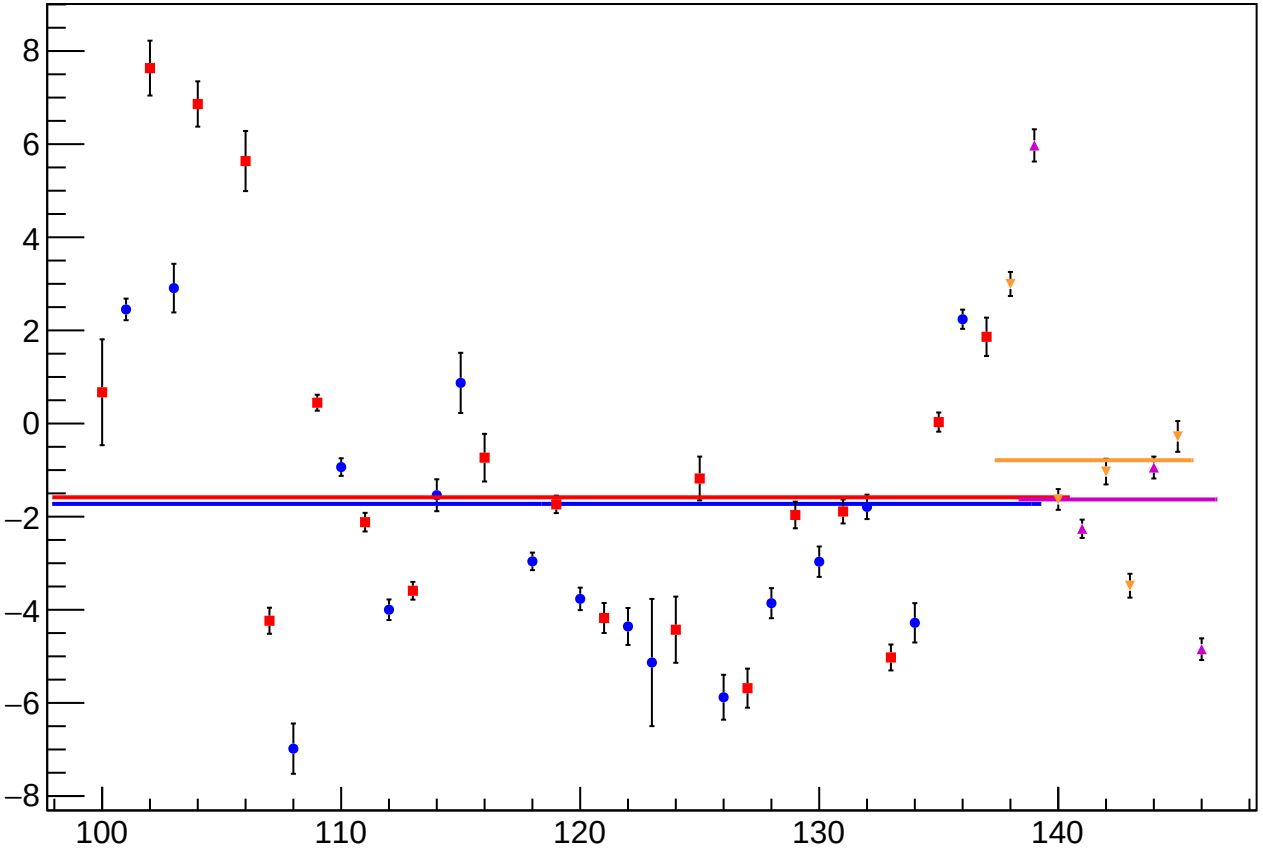
Left In: 20.066+/-0.128 χ^2/NDF:21821.5/3

+ sign 5.110+/-0.083 χ^2/NDF: 13245.4/21

All: 5.602+/-0.057 χ^2/NDF: 55257.1/44

- sign 6.032+/-0.078 χ^2/NDF: 41946.4/22

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -0.788+/-0.117 χ^2/NDF:342.3/4

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

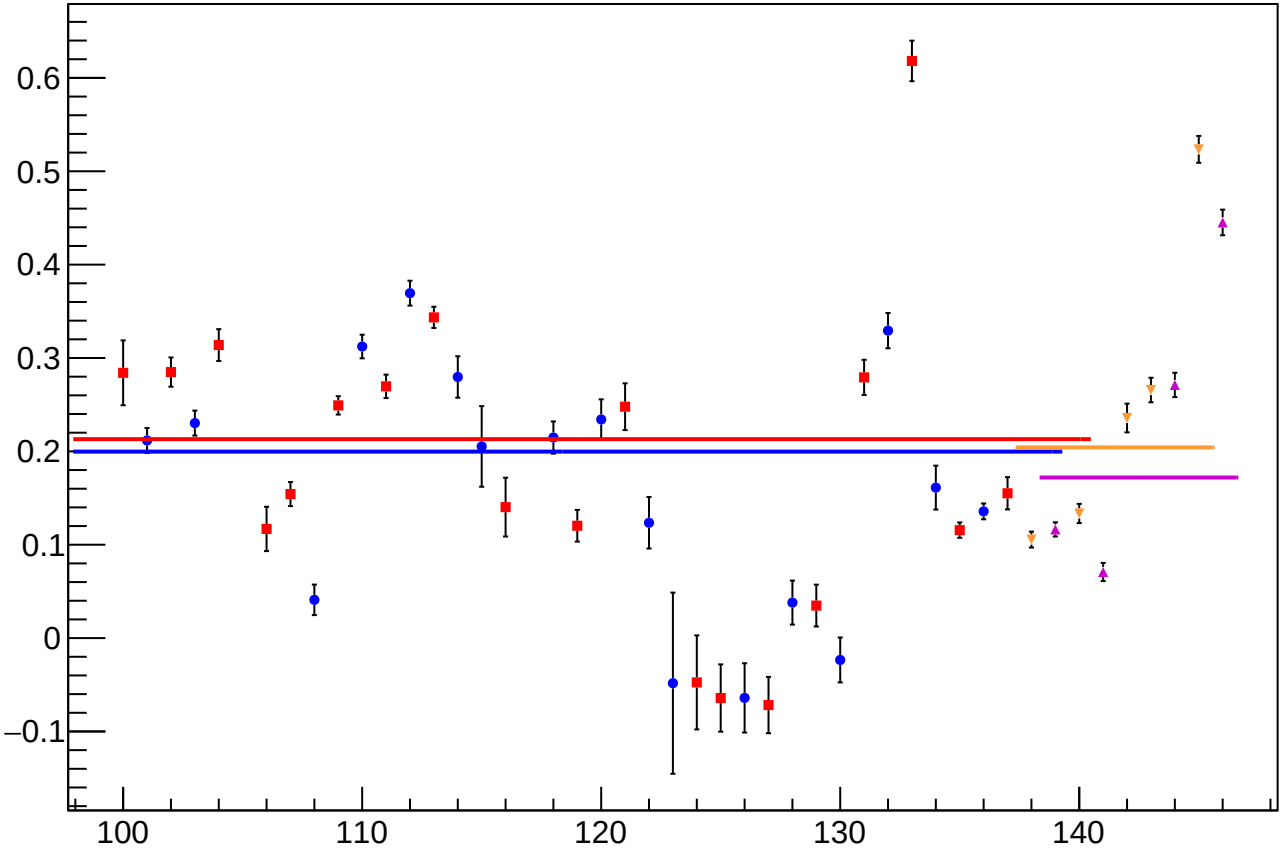
Left In: -1.630+/-0.119 χ^2/NDF:691.8/3

+ sign -1.480+/-0.060 χ^2/NDF: 1731.0/21

All: -1.540+/-0.041 χ^2/NDF: 3917.6/44

- sign -1.595+/-0.057 χ^2/NDF: 2184.7/22

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.204+/-0.005 χ^2/NDF:700.7/4

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

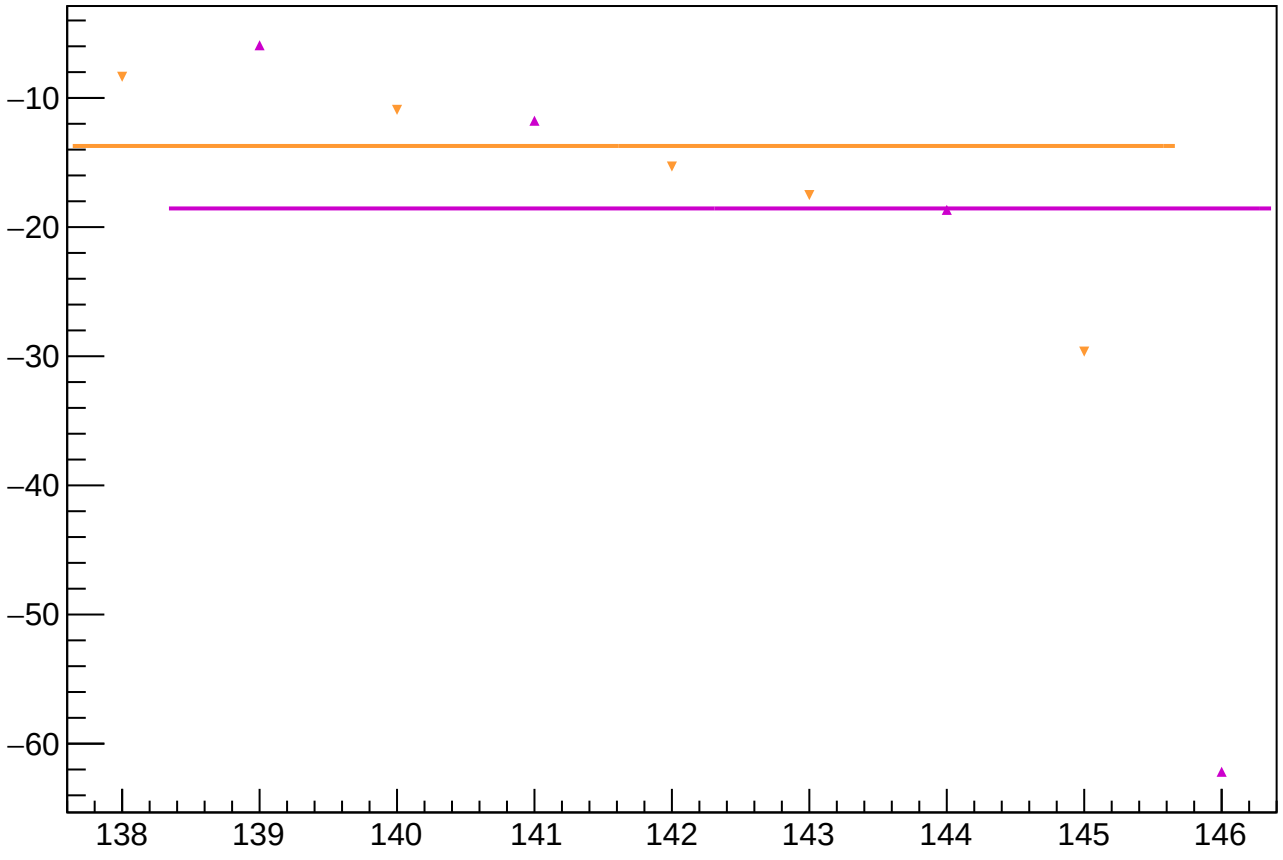
Left In: 0.172+/-0.005 χ^2/NDF:615.8/3

+ sign 0.202+/-0.003 χ^2/NDF: 1363.6/21

All: 0.200+/-0.002 χ^2/NDF: 3073.9/44

- sign 0.199+/-0.003 χ^2/NDF: 1709.9/22

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -13.717+/-0.120 χ^2/NDF:3088.7/4

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

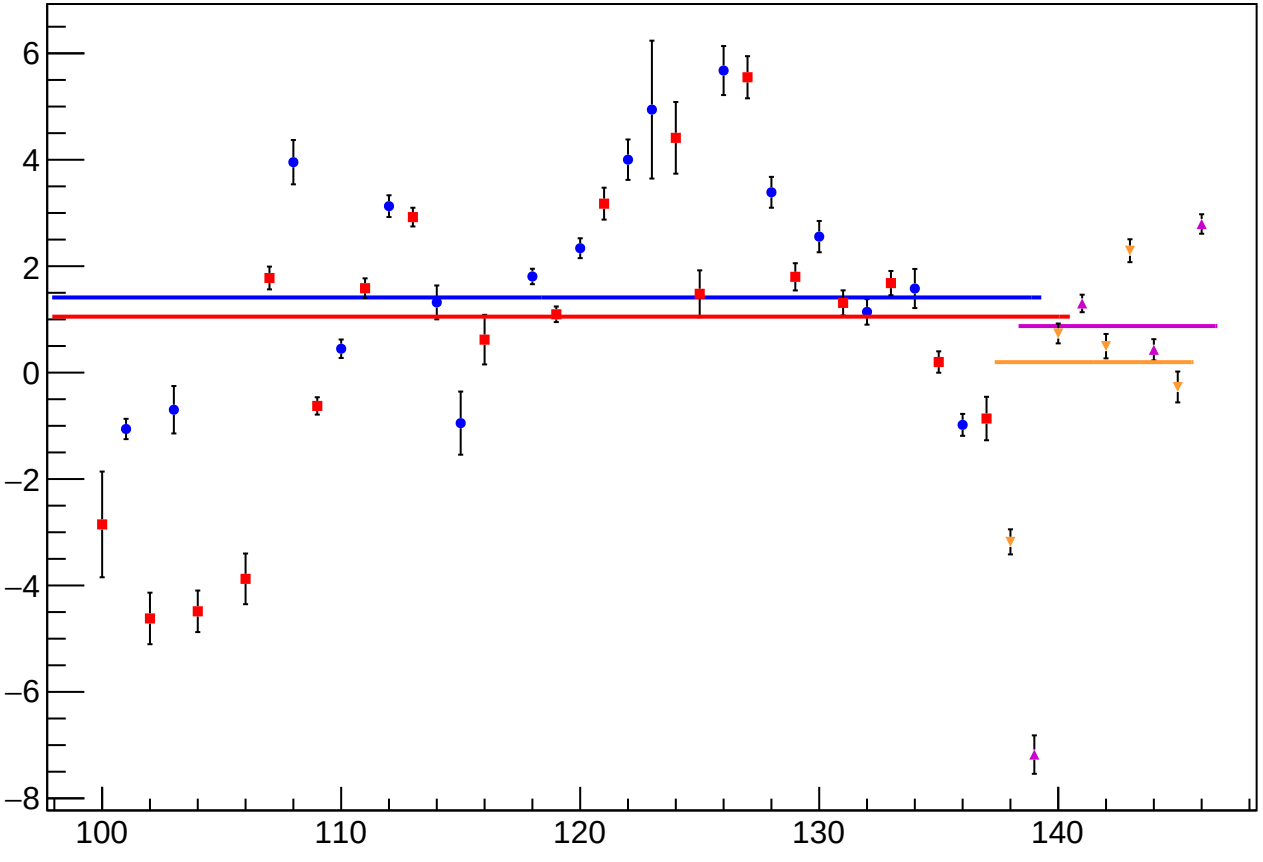
Left In: -18.556+/-0.122 χ^2/NDF:24326.5/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -16.088+/-0.085 χ^2/NDF: 28217.4/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413+/-0.061 χ^2/NDF: 713.9/16

Left Out: 0.197+/-0.100 χ^2/NDF:312.9/4

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

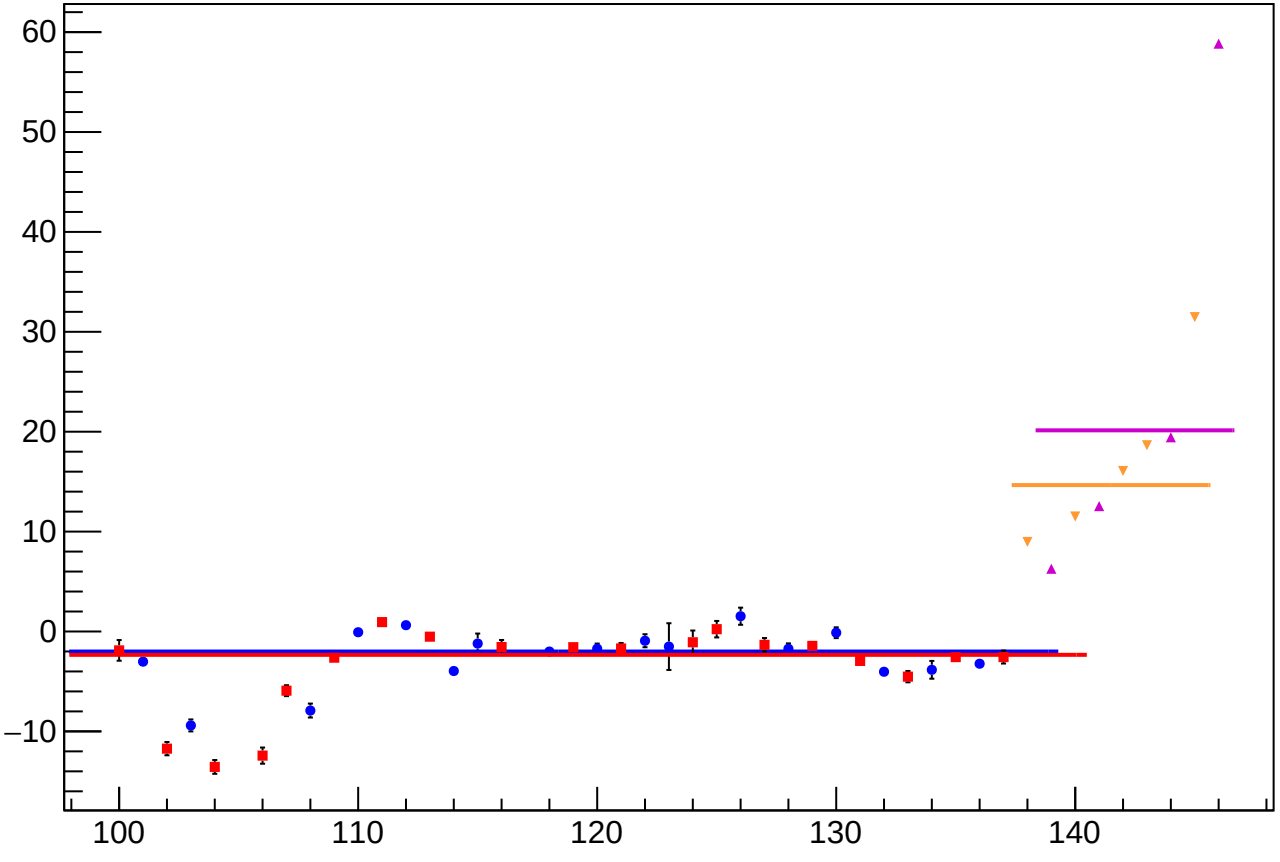
Left In: 0.875+/-0.100 χ^2/NDF:618.8/3

+ sign 1.084+/-0.052 χ^2/NDF: 1133.9/21

All: 1.044+/-0.036 χ^2/NDF: 2719.4/44

- sign 1.007+/-0.050 χ^2/NDF: 1584.4/22

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 14.656+/-0.128 χ^2/NDF:3061.1/4

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

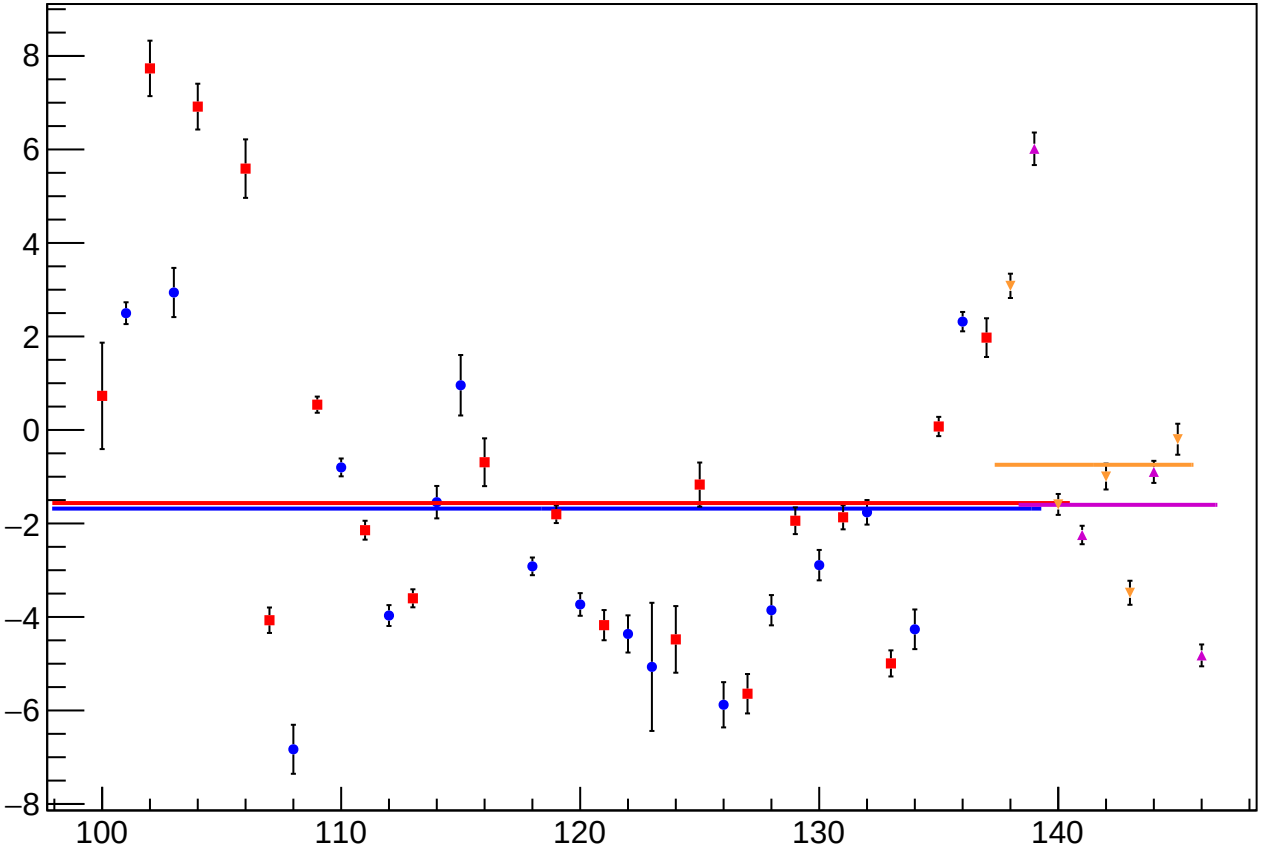
Left In: 20.137+/-0.128 χ^2/NDF:21854.9/3

+ sign 5.107+/-0.084 χ^2/NDF: 13209.3/21

All: 5.603+/-0.057 χ^2/NDF: 55266.8/44

- sign 6.038+/-0.078 χ^2/NDF: 41991.5/22

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -0.745+/-0.118 χ^2/NDF:348.1/4

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

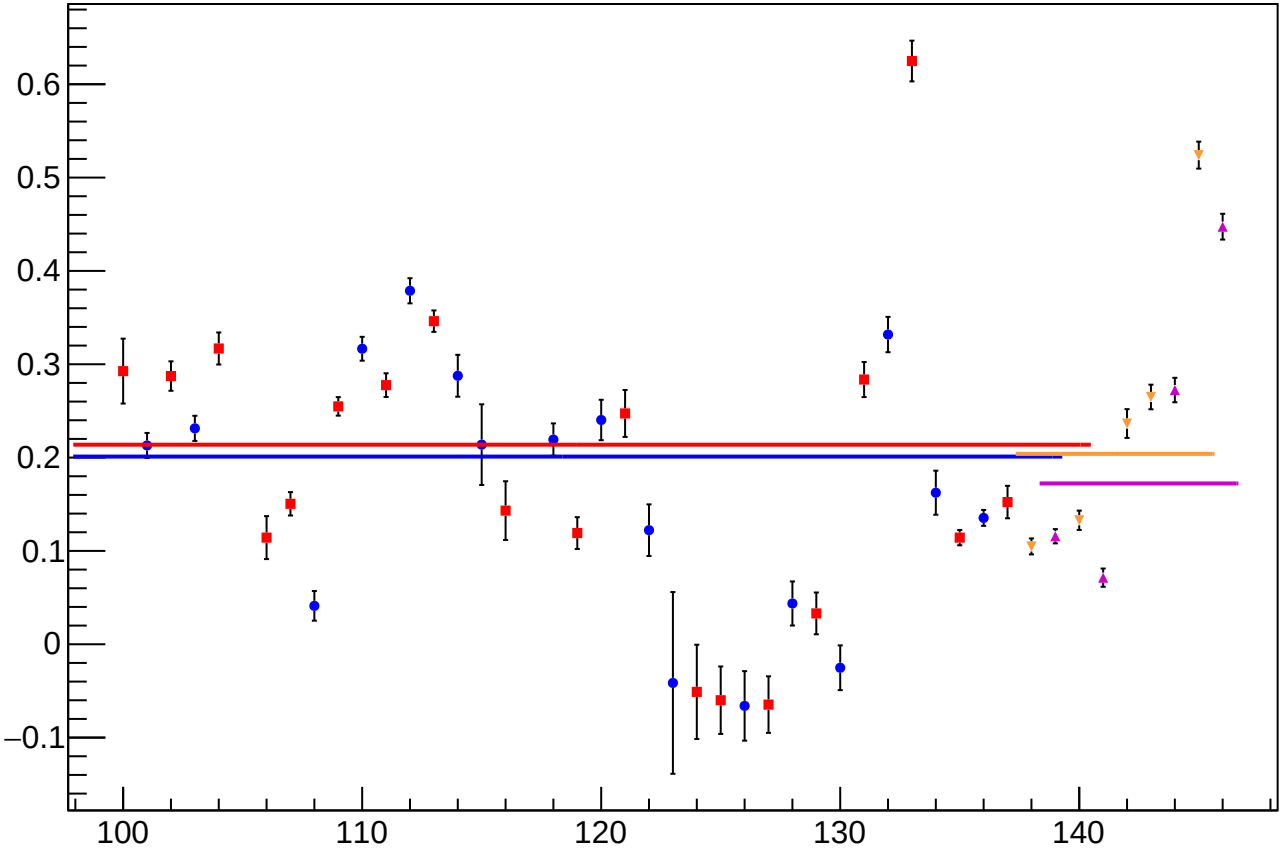
Left In: -1.602+/-0.119 χ^2/NDF:688.6/3

+ sign -1.436+/-0.060 χ^2/NDF: 1742.7/21

All: -1.507+/-0.042 χ^2/NDF: 3938.8/44

- sign -1.572+/-0.058 χ^2/NDF: 2193.4/22

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.204+/-0.005 χ^2/NDF:698.5/4

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

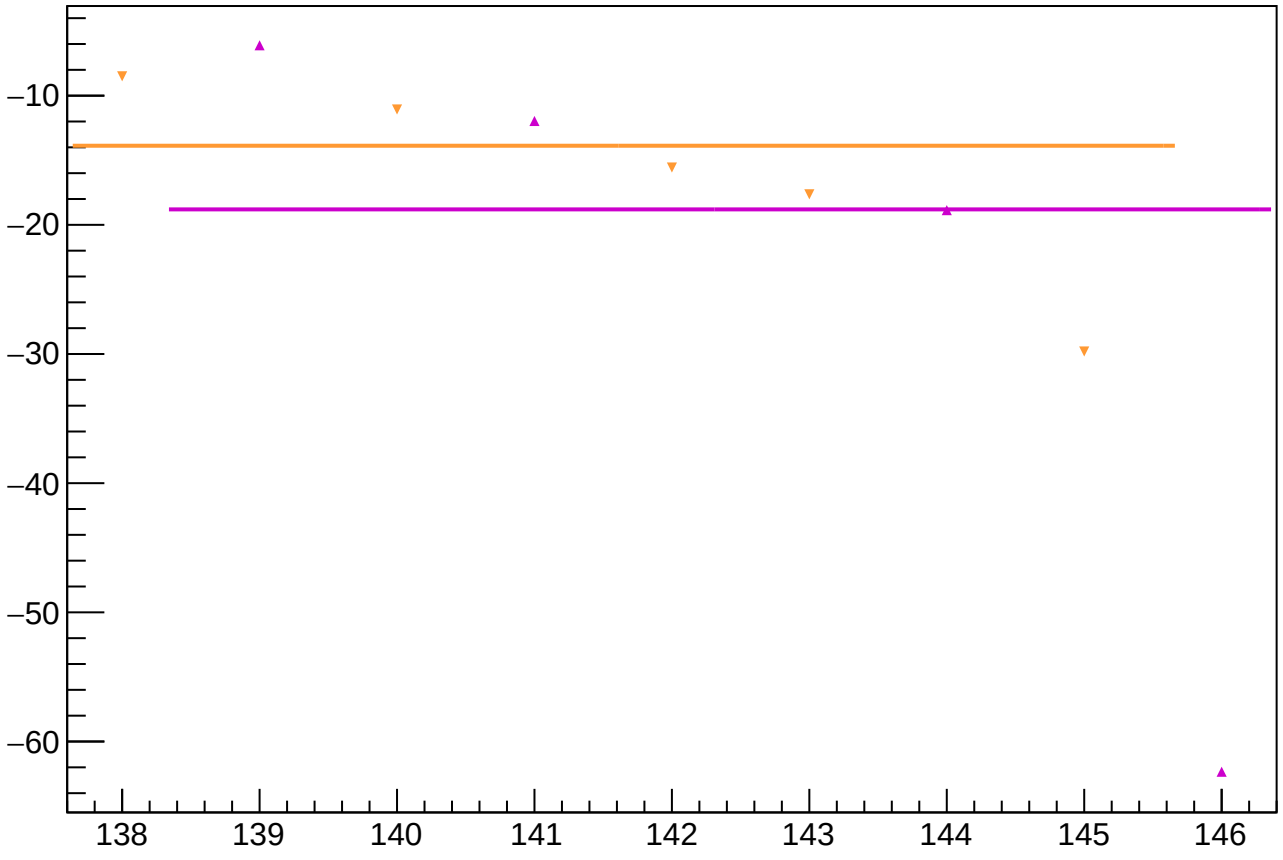
Left In: 0.172+/-0.005 χ^2/NDF:618.1/3

+ sign 0.202+/-0.003 χ^2/NDF: 1390.0/21

All: 0.201+/-0.002 χ^2/NDF: 3135.4/44

- sign 0.200+/-0.003 χ^2/NDF: 1745.1/22

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -13.876+/-0.121 χ^2/NDF:3047.9/4

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

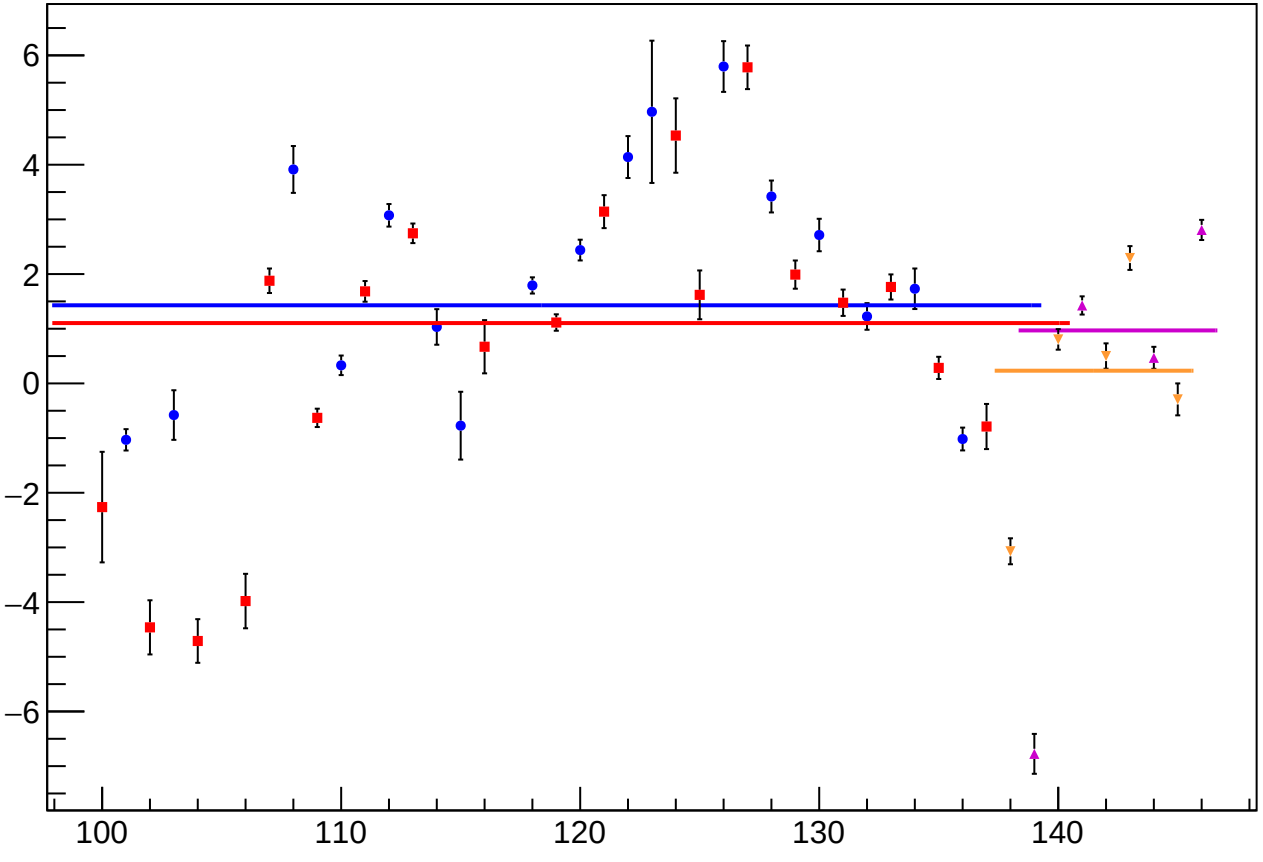
Left In: -18.804+/-0.123 χ^2/NDF:23972.1/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -16.288+/-0.086 χ^2/NDF: 27836.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429+/-0.062 χ^2/NDF: 711.4/16

Left Out: 0.232+/-0.101 χ^2/NDF:297.0/4

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

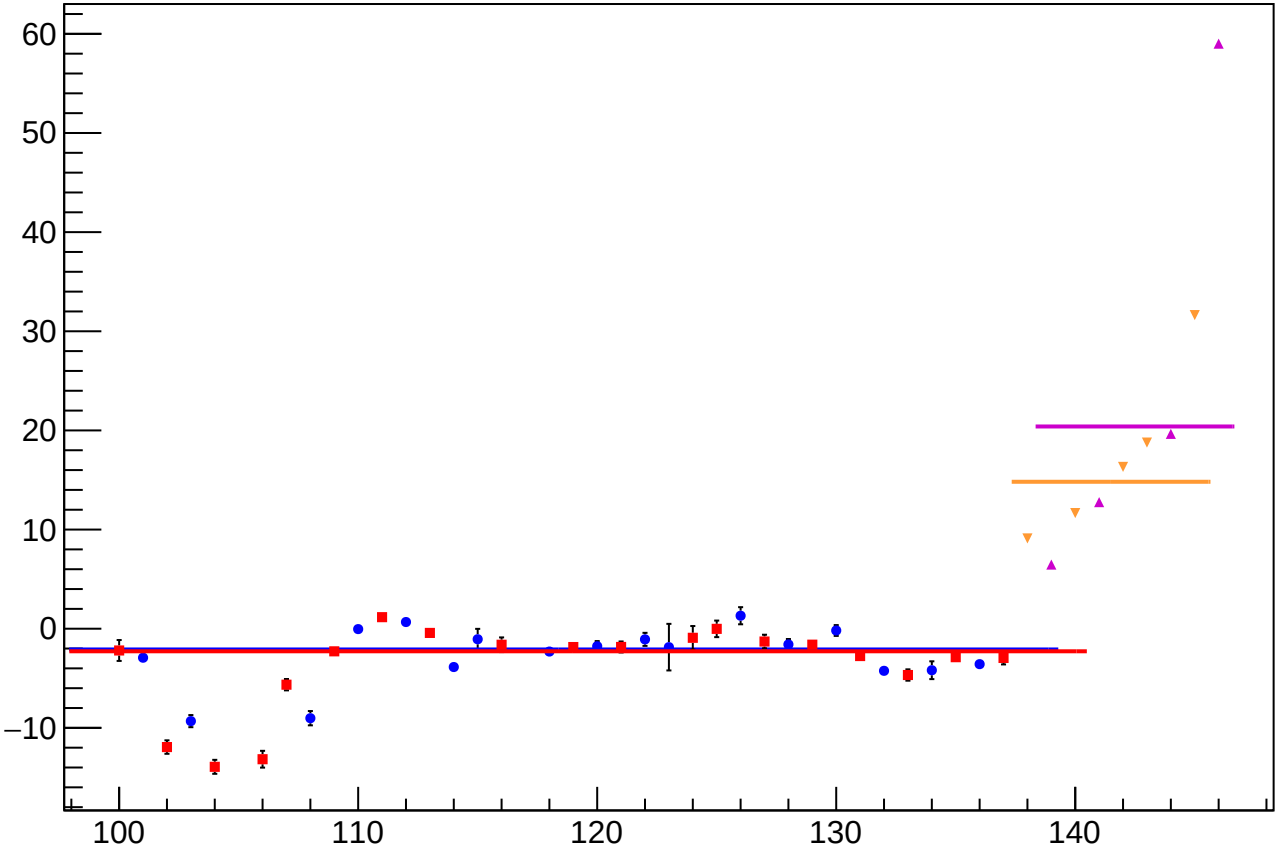
Left In: 0.969+/-0.101 χ^2/NDF:563.7/3

+ sign 1.102+/-0.053 χ^2/NDF: 1109.7/21

All: 1.085+/-0.037 χ^2/NDF: 2611.5/44

- sign 1.069+/-0.051 χ^2/NDF: 1501.5/22

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 14.821+/-0.129 χ^2/NDF:3020.9/4

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

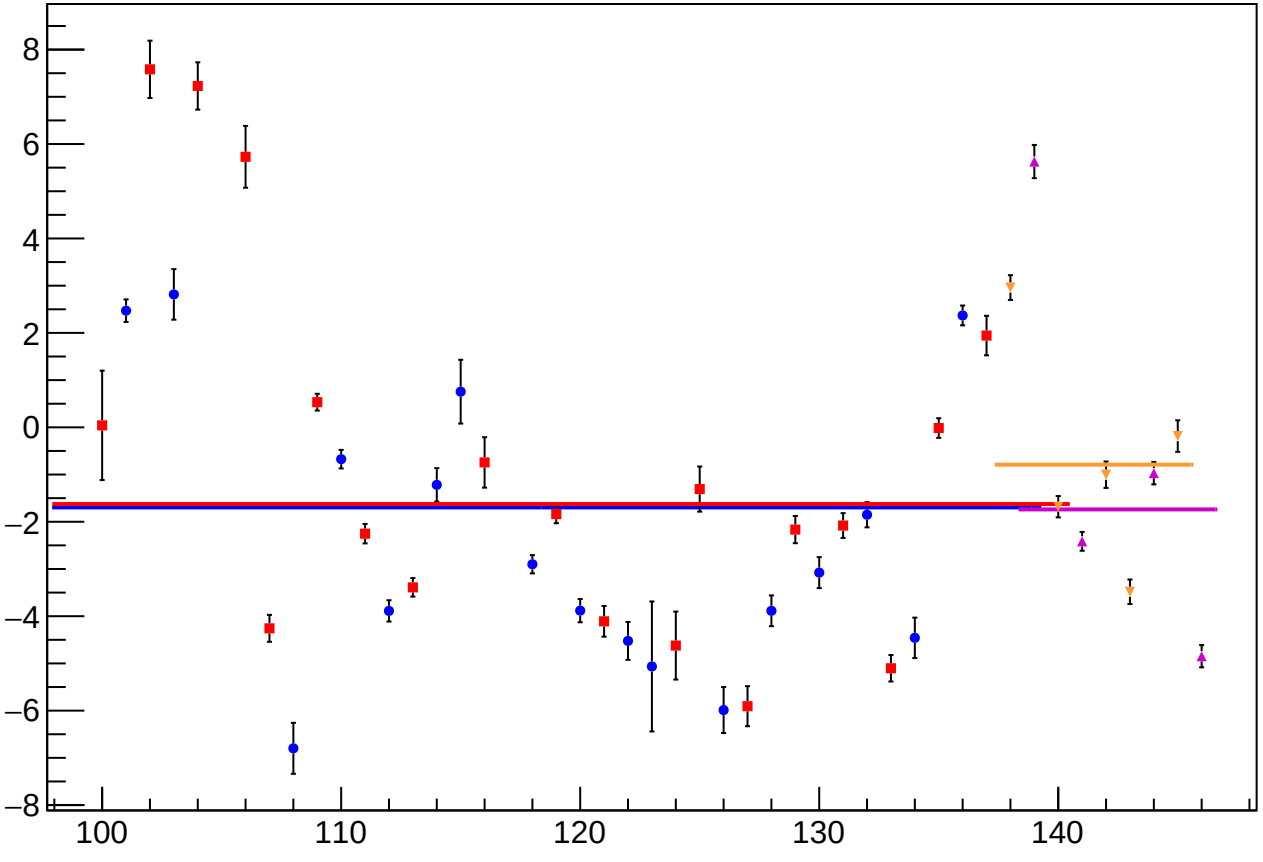
Left In: 20.398+/-0.130 χ^2/NDF:21517.1/3

+ sign 5.197+/-0.085 χ^2/NDF: 13235.6/21

All: 5.779+/-0.058 χ^2/NDF: 54803.8/44

- sign 6.291+/-0.080 χ^2/NDF: 41479.9/22

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -0.790+/-0.119 χ^2/NDF:331.4/4

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

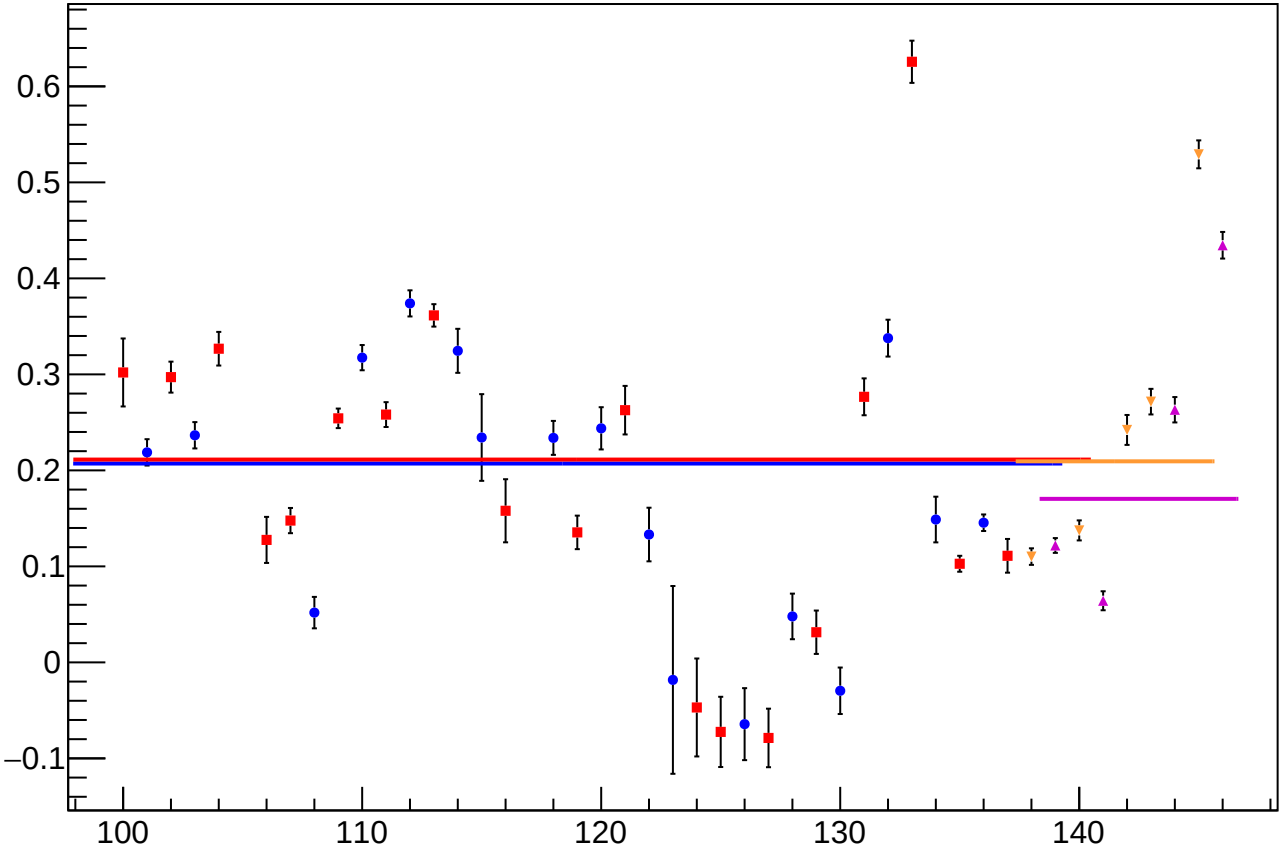
Left In: -1.738+/-0.120 χ^2/NDF:635.8/3

+ sign -1.455+/-0.061 χ^2/NDF: 1707.3/21

All: -1.558+/-0.042 χ^2/NDF: 3816.5/44

- sign -1.651+/-0.059 χ^2/NDF: 2103.8/22

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.209+/-0.005 χ^2/NDF:689.4/4

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

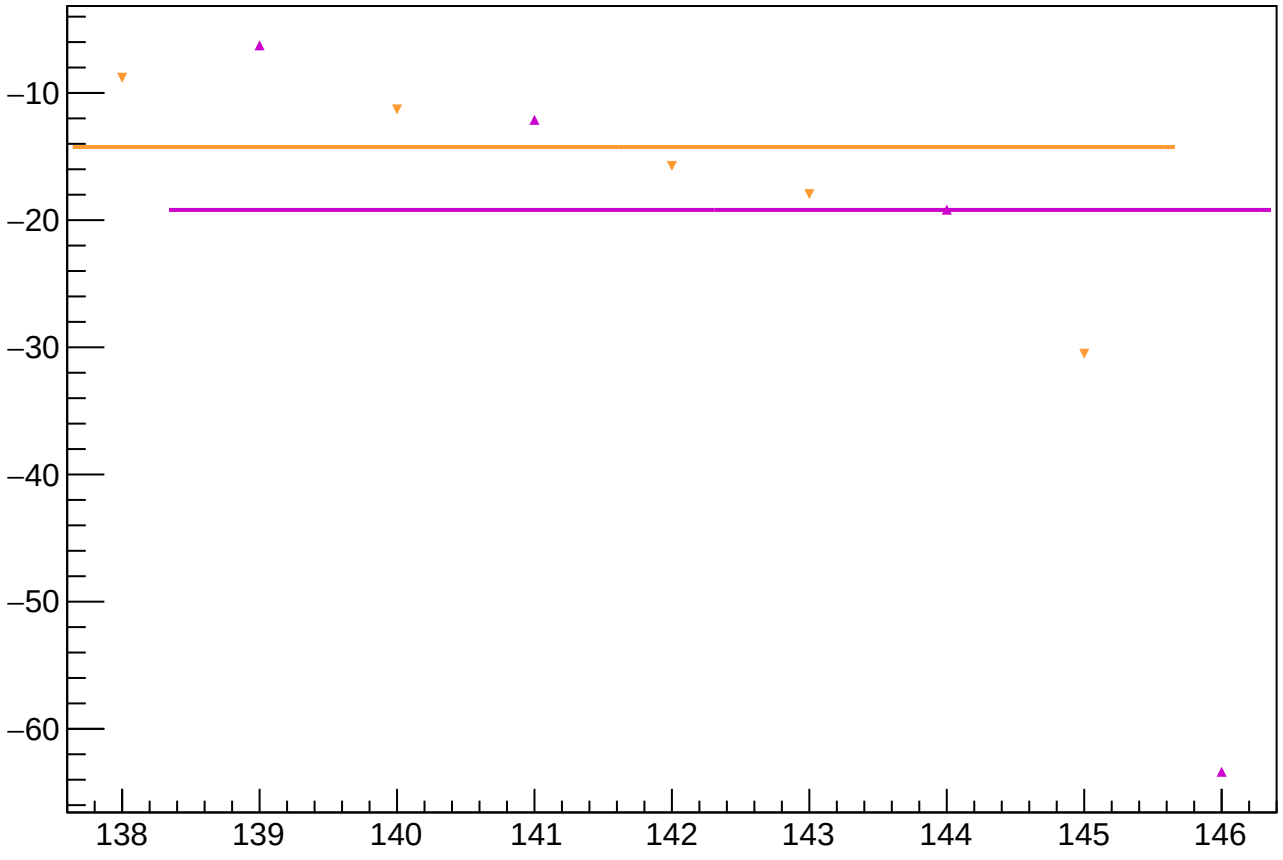
Left In: 0.170+/-0.005 χ^2/NDF:566.7/3

+ sign 0.208+/-0.003 χ^2/NDF: 1345.8/21

All: 0.202+/-0.002 χ^2/NDF: 3105.7/44

- sign 0.197+/-0.003 χ^2/NDF: 1753.7/22

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -14.251+/-0.123 χ^2/NDF:3036.5/4

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

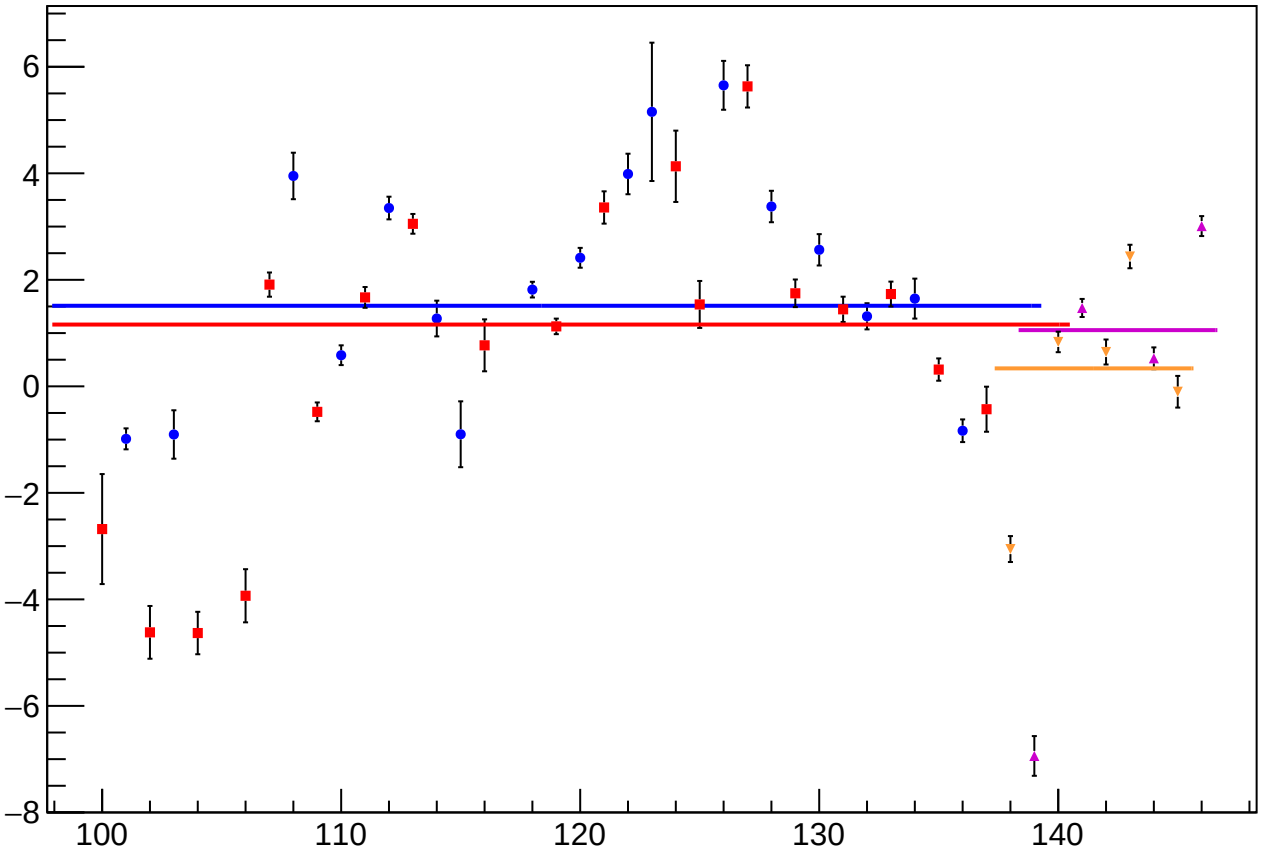
Left In: -19.197+/-0.126 χ^2/NDF:23921.8/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -16.677+/-0.088 χ^2/NDF: 27747.8/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513+/-0.063 χ^2/NDF: 669.7/16

Left Out: 0.337+/-0.103 χ^2/NDF:295.3/4

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

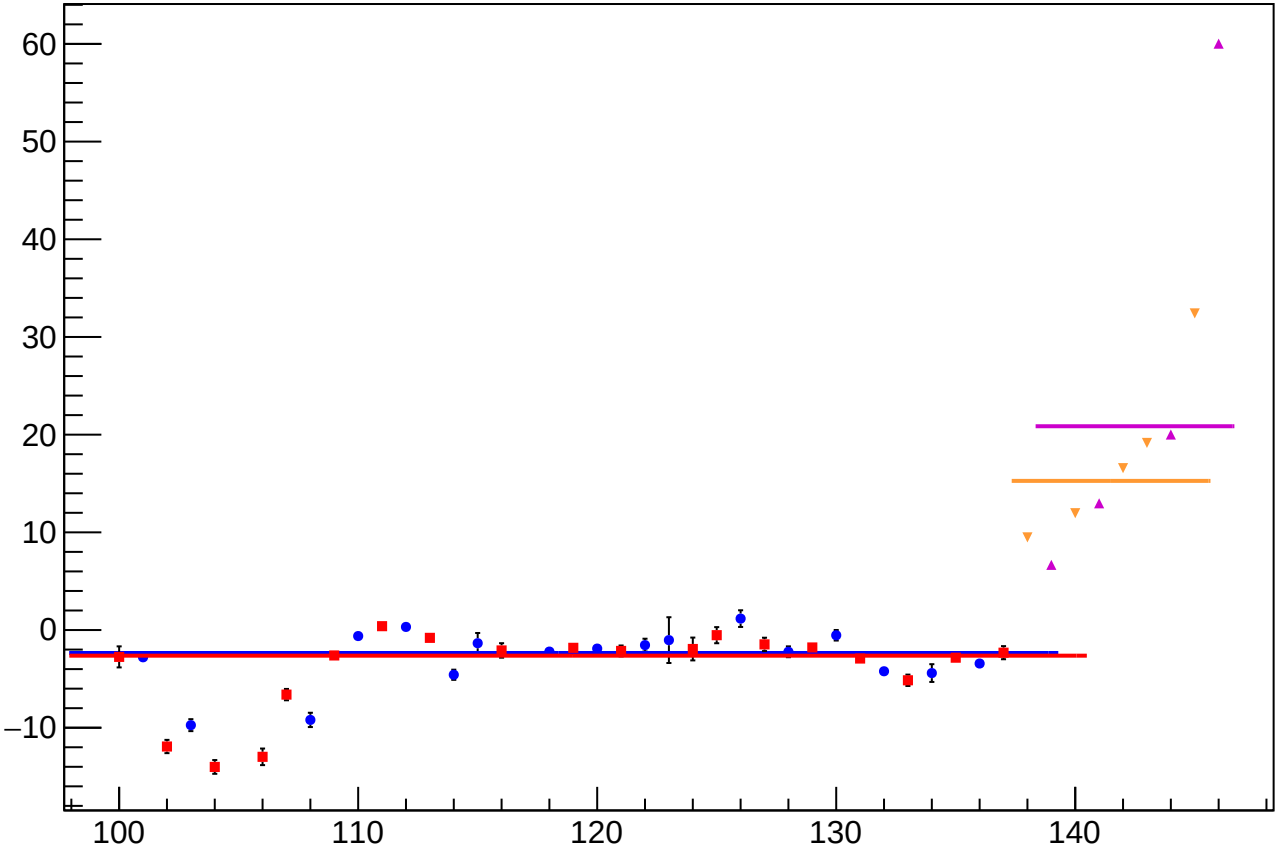
Left In: 1.056+/-0.103 χ^2/NDF:581.0/3

+ sign 1.196+/-0.054 χ^2/NDF: 1059.8/21

All: 1.164+/-0.037 χ^2/NDF: 2559.3/44

- sign 1.134+/-0.052 χ^2/NDF: 1498.8/22

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 15.268+/-0.132 χ^2/NDF:3009.0/4

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

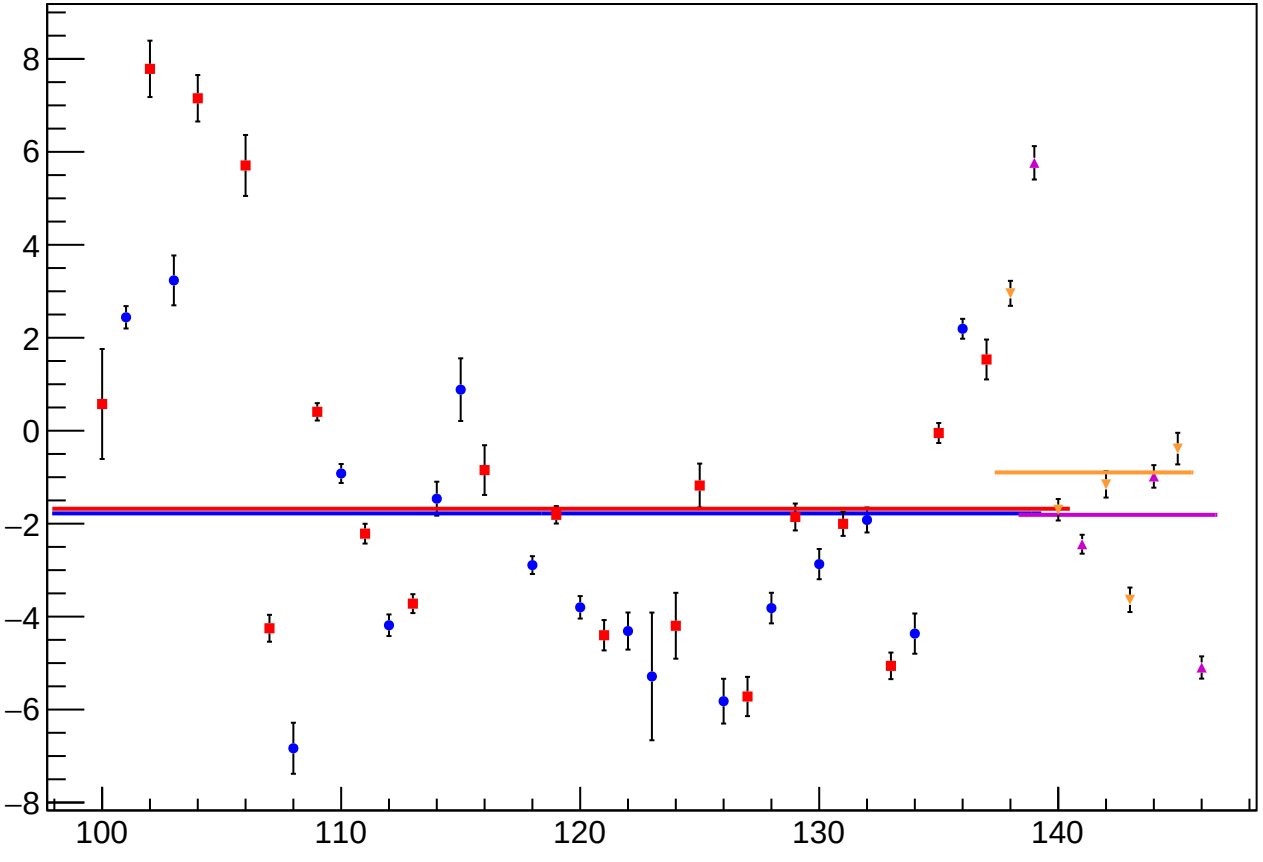
Left In: 20.862+/-0.132 χ^2/NDF:21455.7/3

+ sign 5.191+/-0.086 χ^2/NDF: 13617.2/21

All: 5.766+/-0.059 χ^2/NDF: 55610.8/44

- sign 6.276+/-0.081 χ^2/NDF: 41910.0/22

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -0.898+/-0.121 χ^2/NDF:328.6/4

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

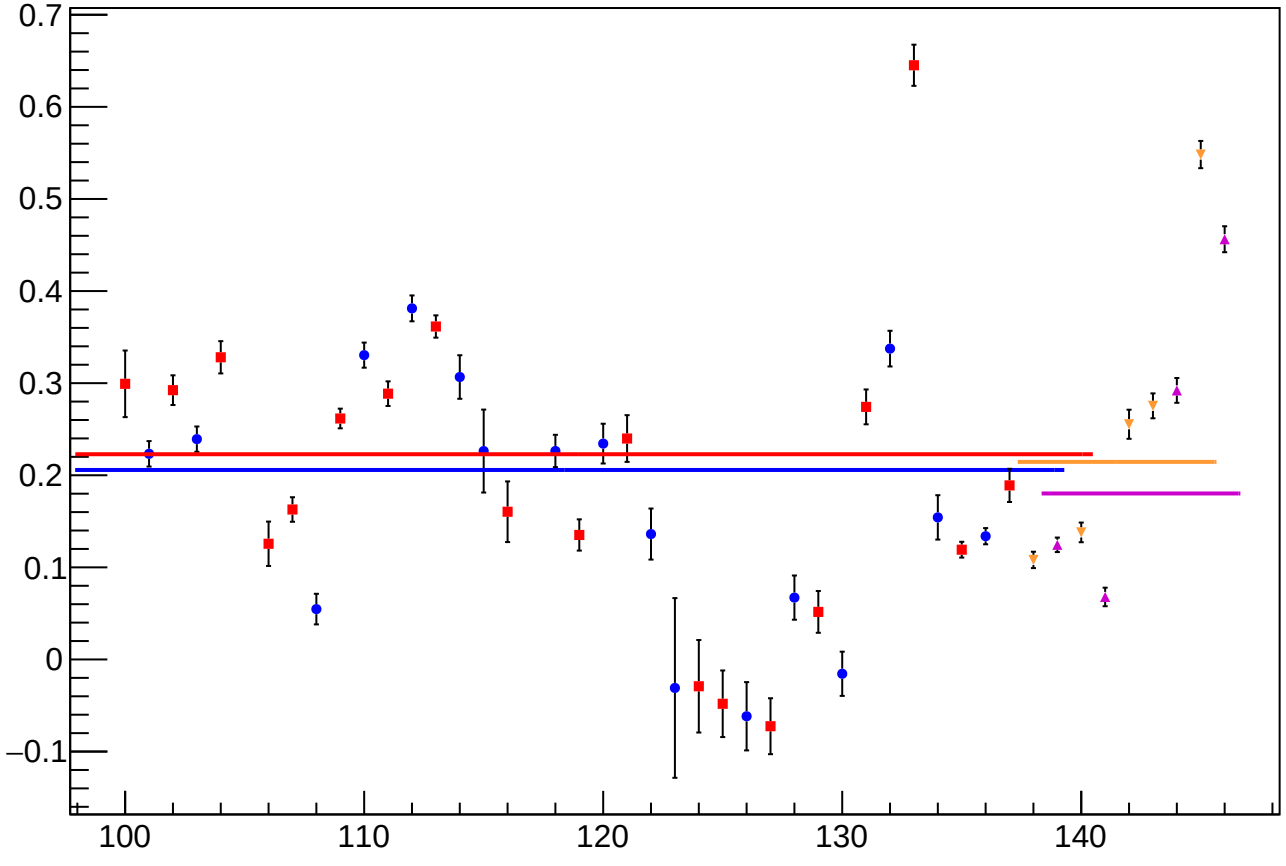
Left In: -1.810+/-0.123 χ^2/NDF:654.4/3

+ sign -1.548+/-0.062 χ^2/NDF: 1639.7/21

All: -1.632+/-0.043 χ^2/NDF: 3728.1/44

- sign -1.710+/-0.059 χ^2/NDF: 2084.8/22

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.215+/-0.005 χ^2/NDF:731.0/4

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.180+/-0.005 χ^2/NDF:626.8/3

+ sign 0.209+/-0.003 χ^2/NDF: 1384.5/21

All: 0.209+/-0.002 χ^2/NDF: 3096.6/44

- sign 0.208+/-0.003 χ^2/NDF: 1712.0/22