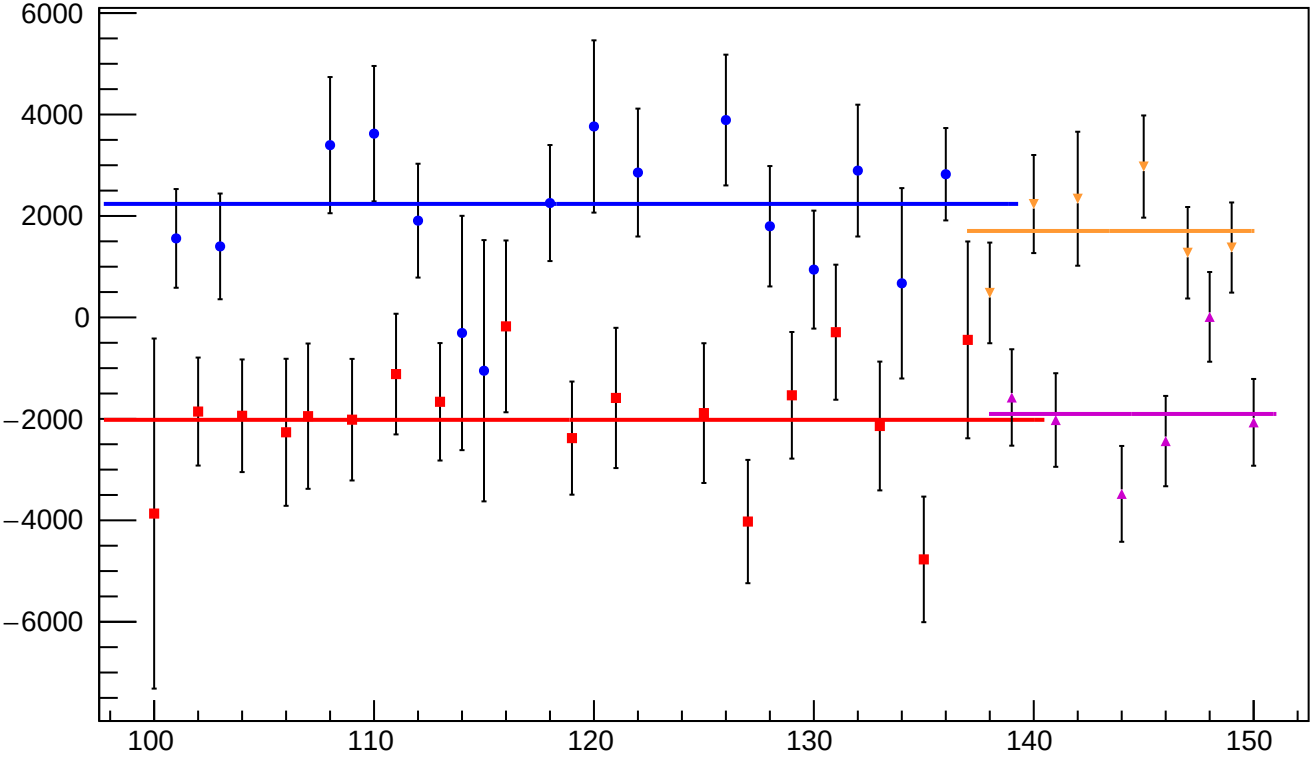
dit_asym_us_avg_mean vs Slug



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

Left Out: 1704.503+/-403.549 χ^2/NDF:4.0/5

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

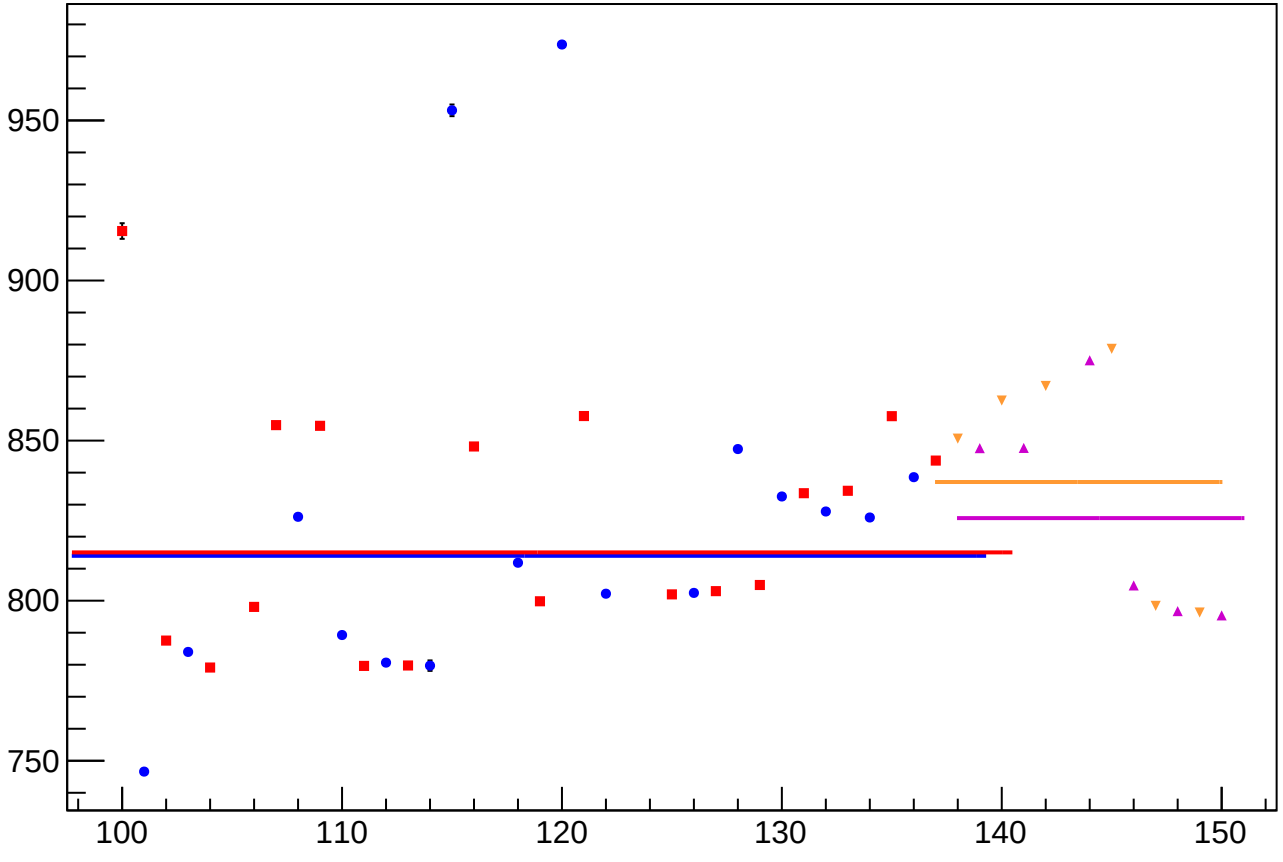
Left In: -1902.706+/-369.862 χ^2/NDF:8.0/5

+ sign 2036.254+/-248.133 χ^2/NDF: 16.4/21

All: -60.645+/-171.326 χ^2/NDF: 173.5/45

- sign -1971.091+/-236.845 χ^2/NDF: 20.6/23

dit_asym_us_avg_rms vs Slug



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

Left Out: 837.072+/-0.285 χ^2/NDF:14088.7/5

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

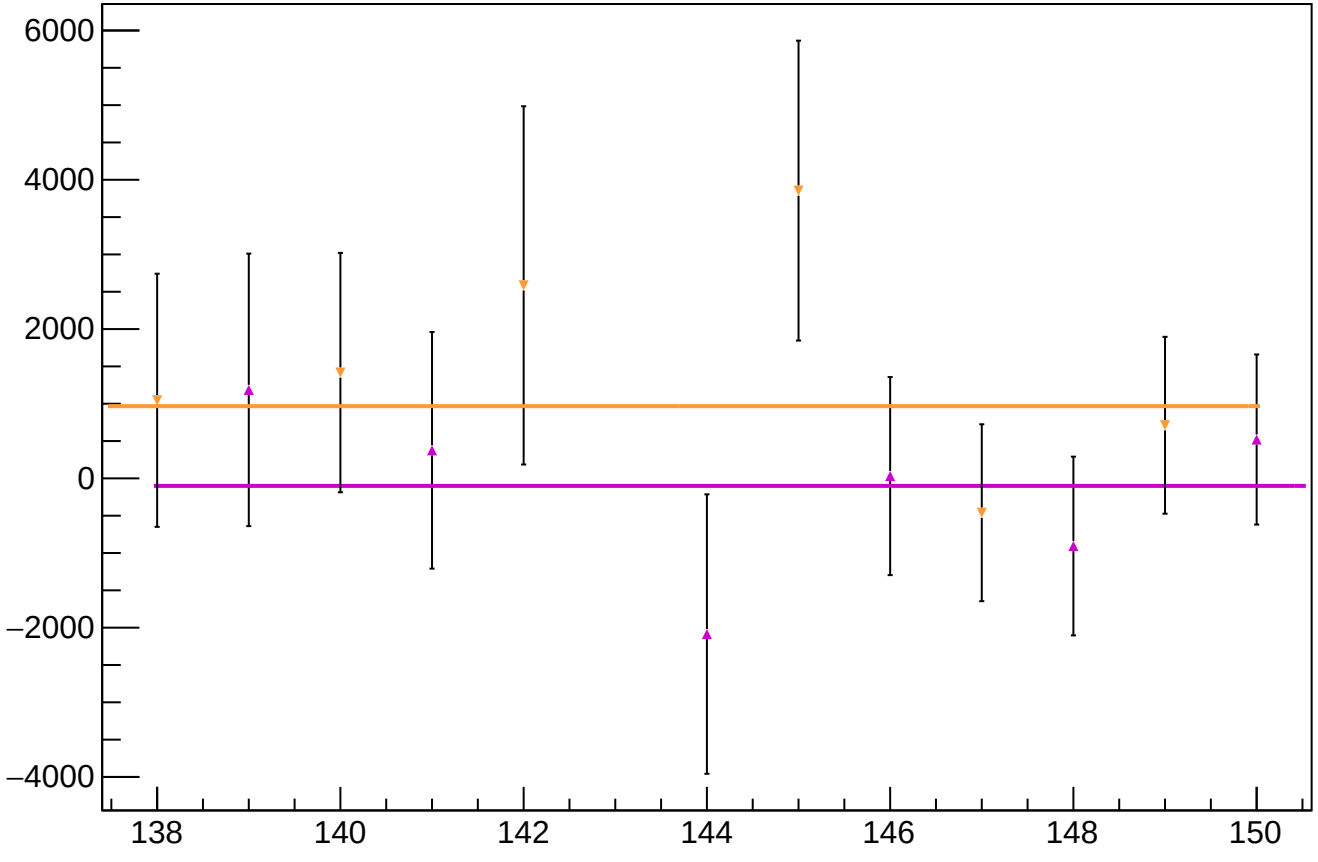
Left In: 825.793+/-0.262 χ^2/NDF:13432.1/5

+ sign 822.736+/-0.175 χ^2/NDF: 60188.5/21

All: 821.030+/-0.121 χ^2/NDF: 94749.6/45

- sign 819.475+/-0.167 χ^2/NDF: 34380.4/23

asym_us_avg_correction_mean vs Slug



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

Left Out: 967.416+/-622.260 χ^2/NDF:4.1/5

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

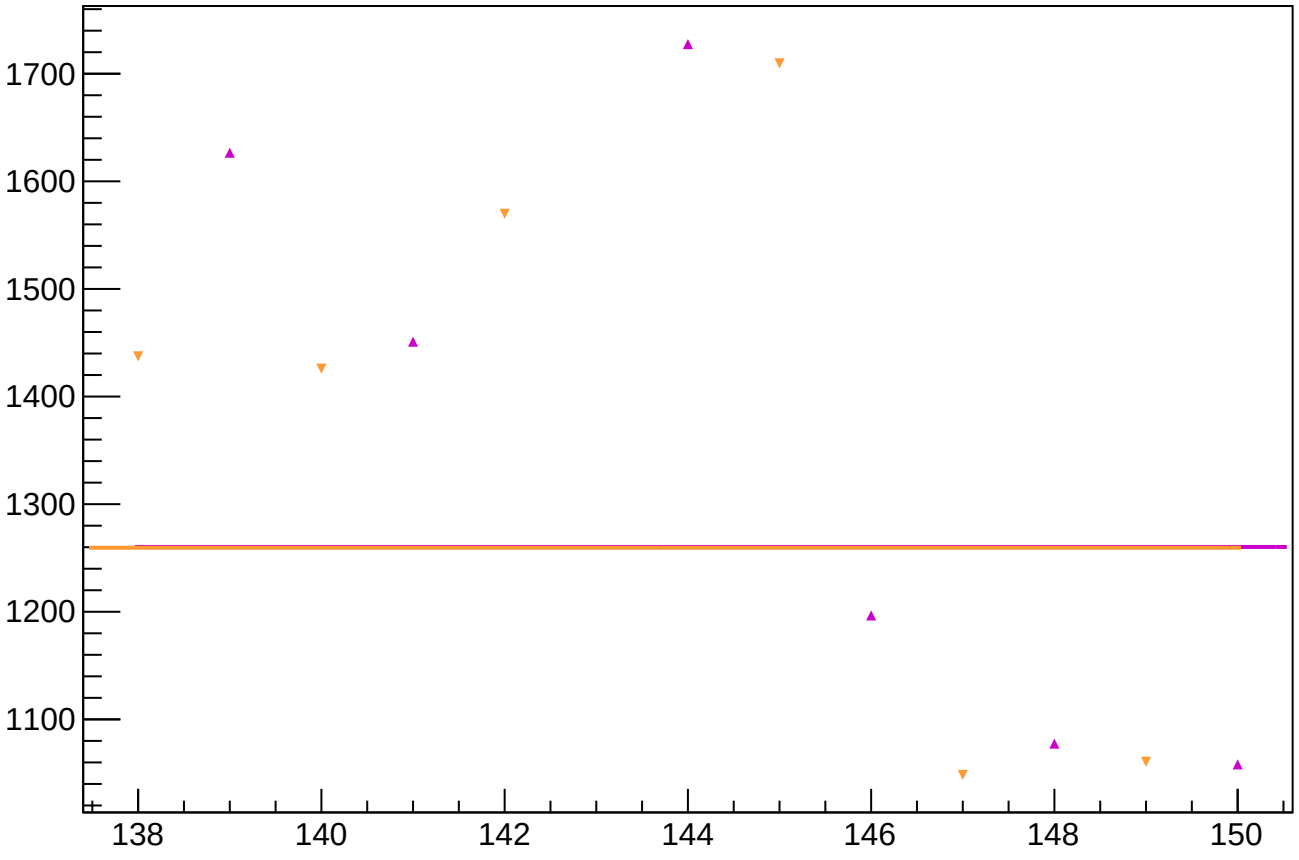
Left In: -100.589+/-575.462 χ^2/NDF:2.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 391.747+/-422.490 χ^2/NDF: 8.2/11

- 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: 1259.512+/-0.440 χ^2/NDF:297241.5/5

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

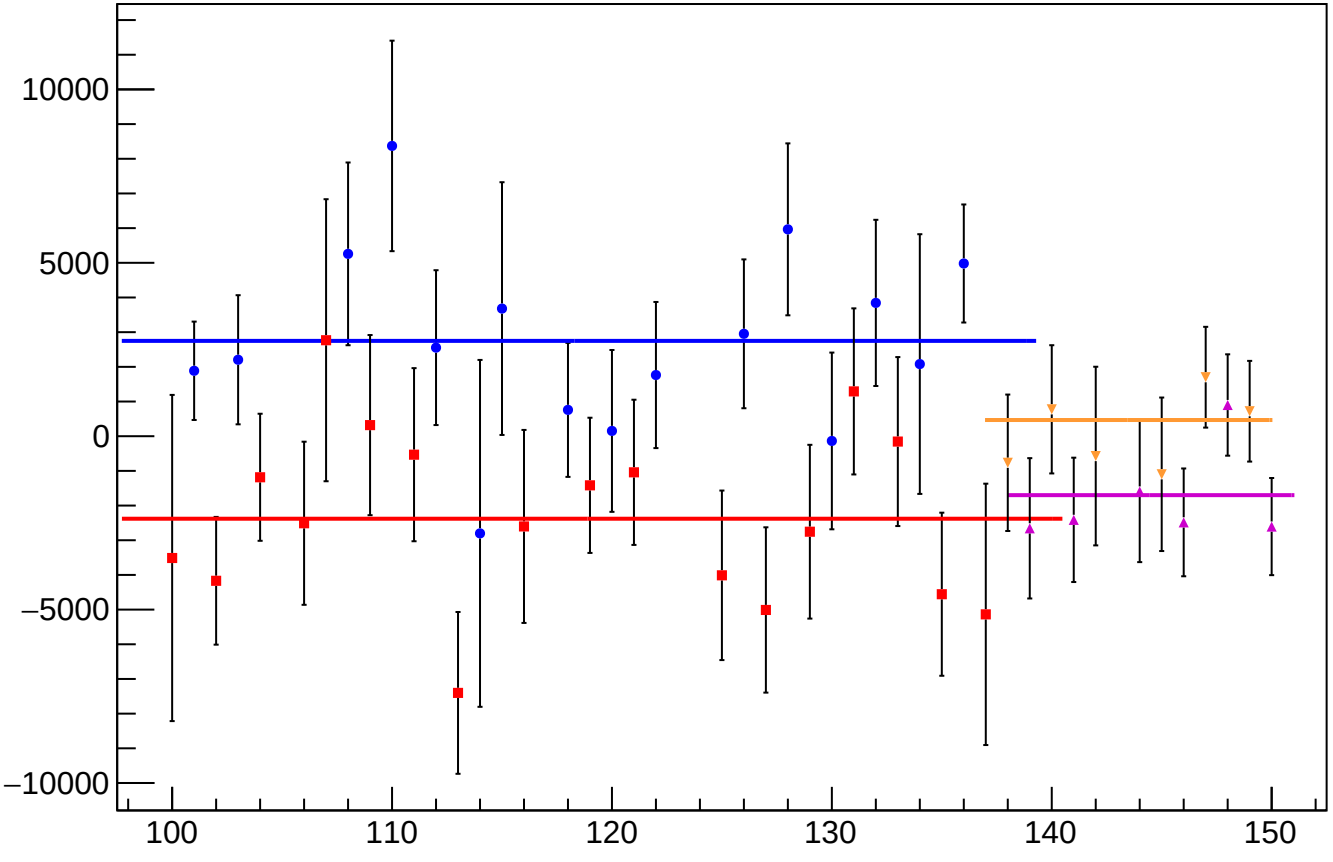
Left In: 1260.229+/-0.407 χ^2/NDF:348276.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1259.898+/-0.299 χ^2/NDF: 645519.6/11

- 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: 466.828+/-734.451 χ^2/NDF:1.8/5

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

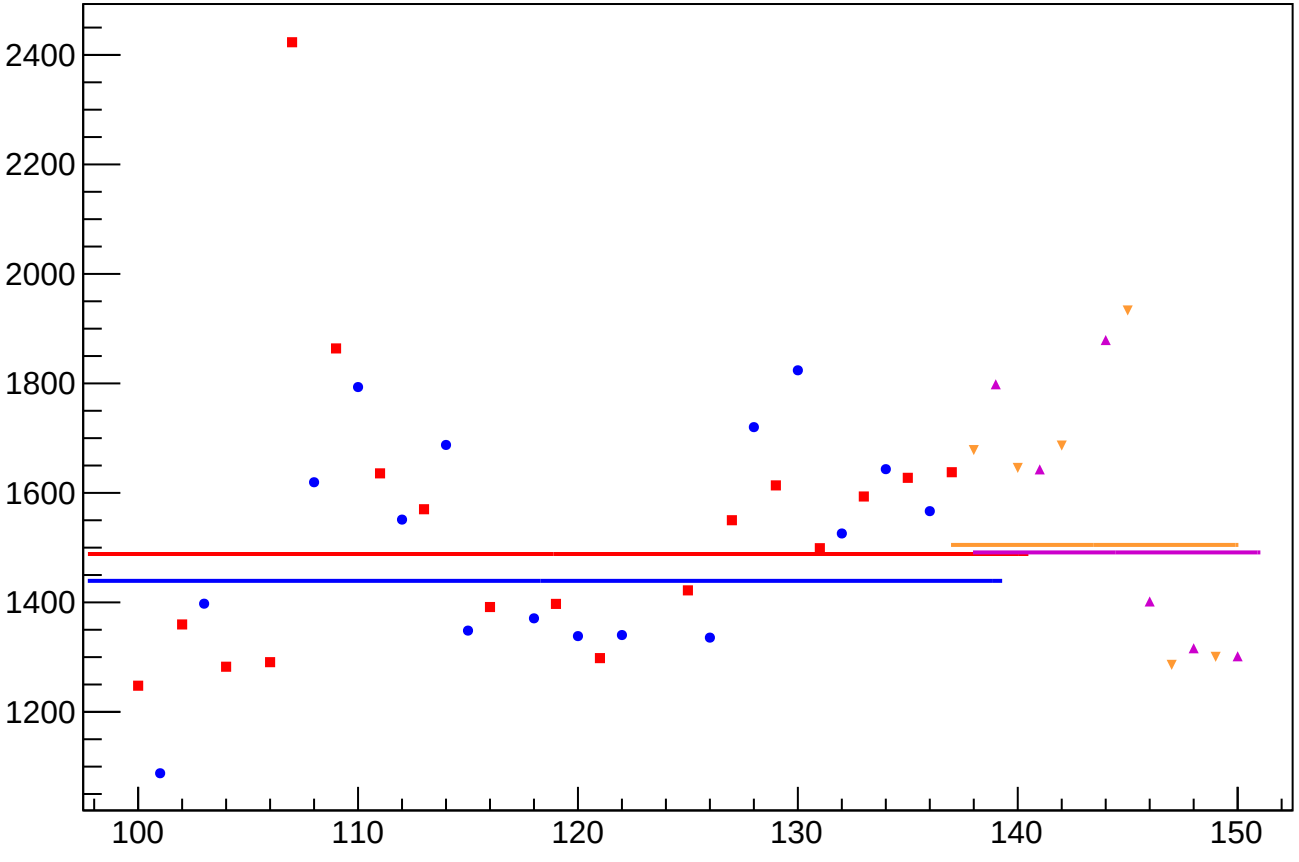
Left In: -1699.684+/-675.995 χ^2/NDF:4.2/5

+ sign 1904.281+/-446.795 χ^2/NDF: 21.5/21

All: -148.782+/-311.789 χ^2/NDF: 83.7/45

- sign -2097.577+/-435.302 χ^2/NDF: 21.0/23

asym_us_avg_rms vs Slug



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

Left Out: 1504.971+/-0.519 χ^2/NDF:197008.7/5

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

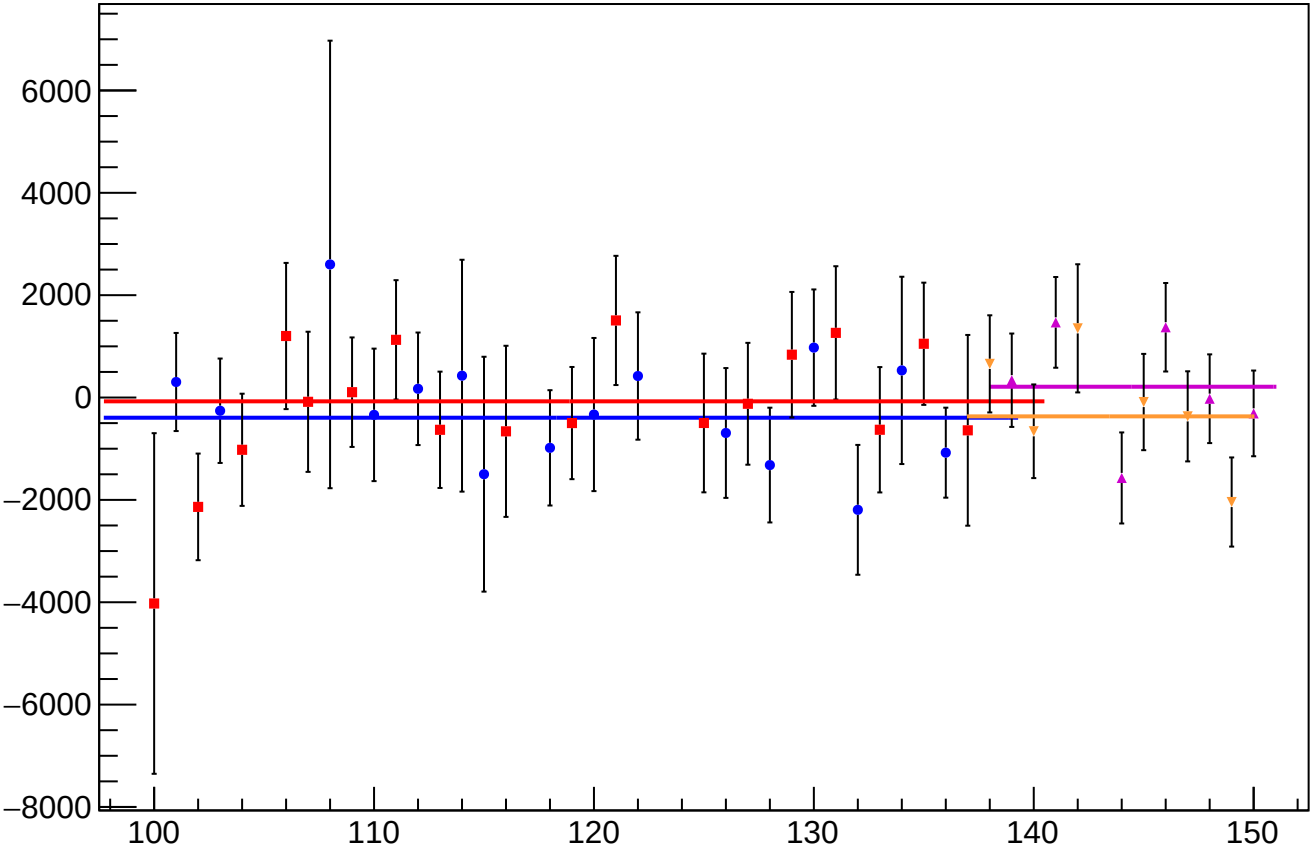
Left In: 1491.269+/-0.478 χ^2/NDF:205013.5/5

+ sign 1463.624+/-0.316 χ^2/NDF: 484932.3/21

All: 1476.940+/-0.220 χ^2/NDF: 949754.8/45

- sign 1489.580+/-0.308 χ^2/NDF: 461359.5/23

dit_asym_us_dd_mean vs Slug



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

Left Out: -368.105+/-386.878 χ^2/NDF:6.9/5

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

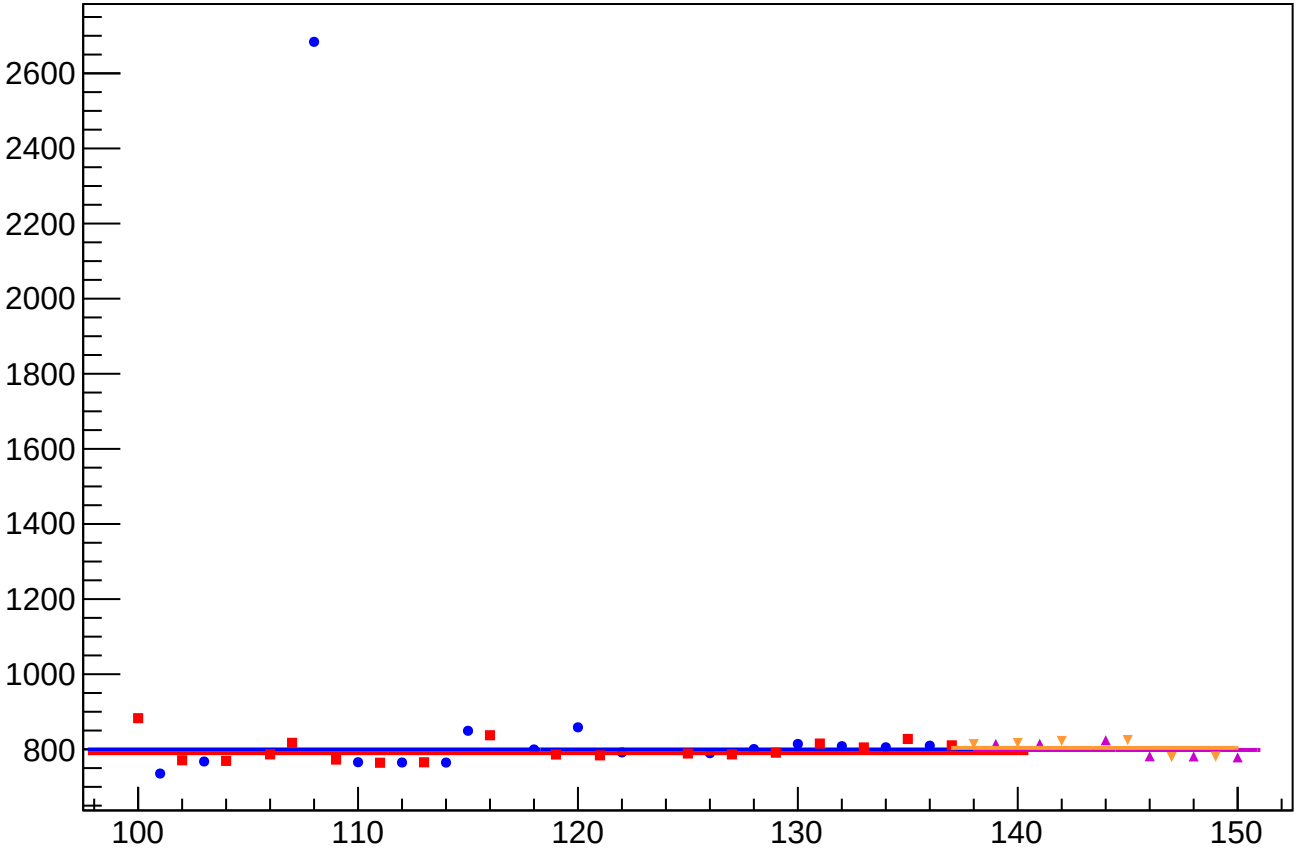
Left In: 210.939+/-357.318 χ^2/NDF:8.3/5

+ sign -383.969+/-243.417 χ^2/NDF: 14.4/21

All: -157.552+/-166.805 χ^2/NDF: 37.6/45

- sign 42.901+/-229.036 χ^2/NDF: 21.6/23

dit_asym_us_dd_rms vs Slug



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

Left Out: 803.760+/-0.274 χ^2/NDF:5022.7/5

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

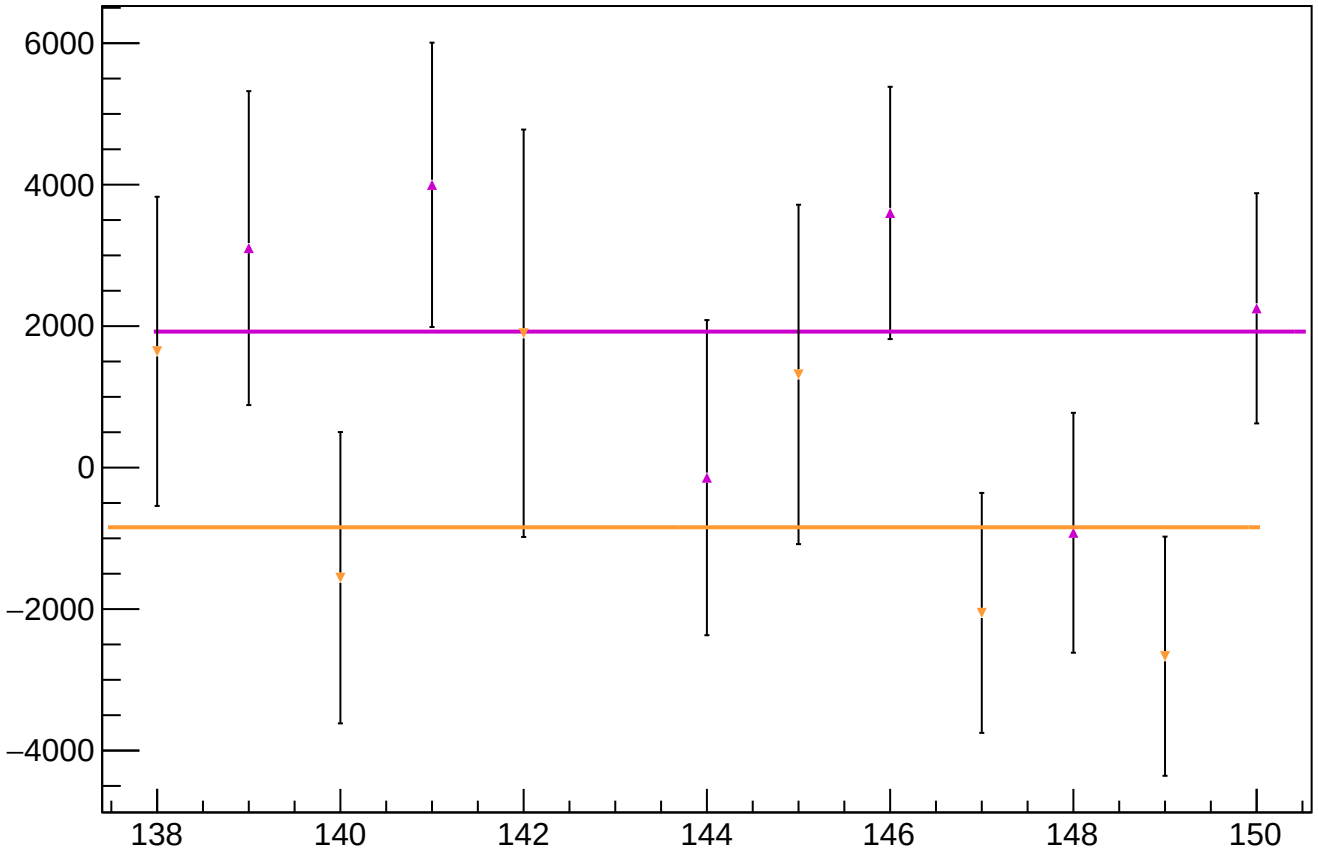
Left In: 798.260+/-0.253 χ^2/NDF:5647.2/5

+ sign 801.209+/-0.172 χ^2/NDF: 396352.6/21

All: 796.999+/-0.118 χ^2/NDF: 414963.9/45

- sign 793.272+/-0.162 χ^2/NDF: 17483.6/23

asym_us_dd_correction_mean vs Slug



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

Left Out: -843.282+/-834.212 χ^2/NDF:4.8/5

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

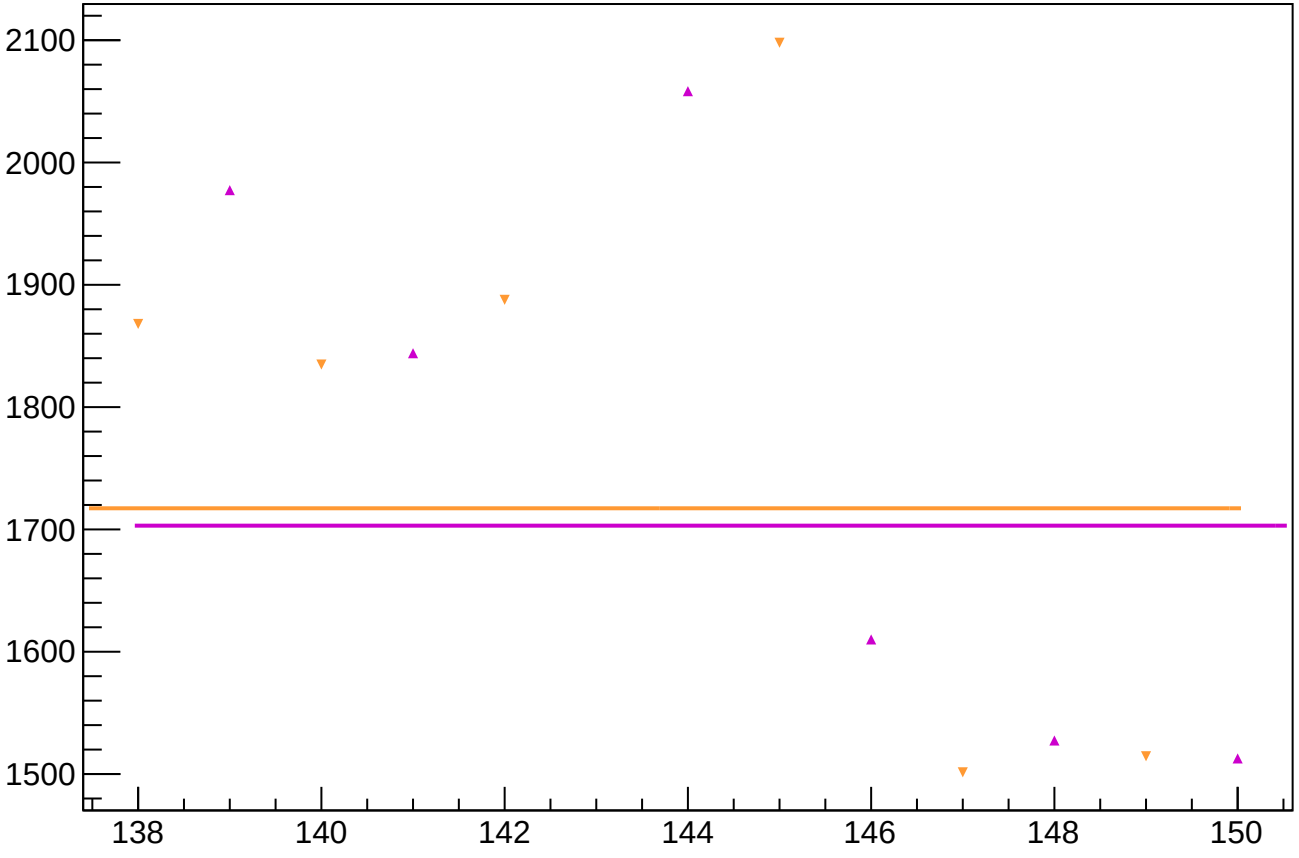
Left In: 1922.810+/-768.779 χ^2/NDF:5.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 652.485+/-565.328 χ^2/NDF: 16.7/11

- 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: 1717.281+/-0.590 χ^2/NDF:134547.3/5

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

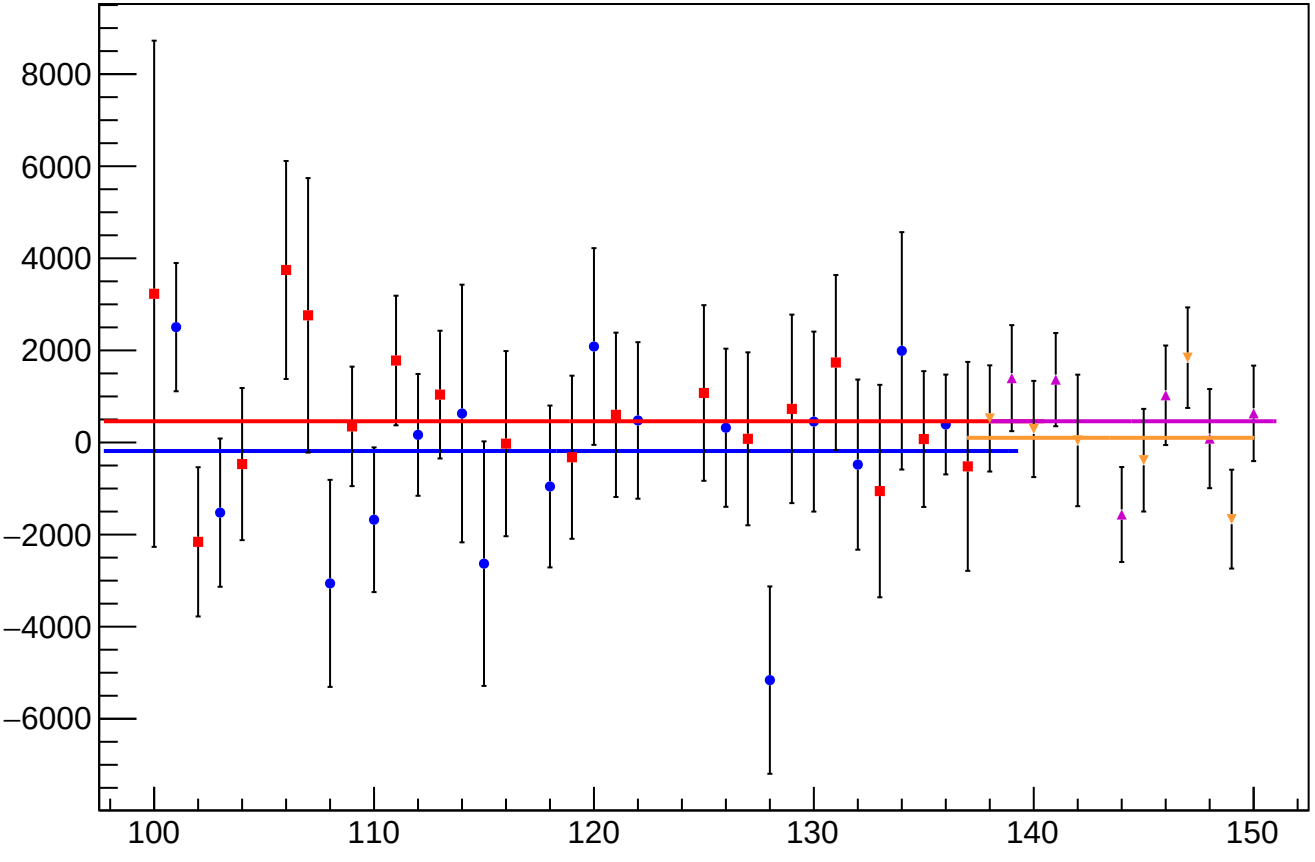
Left In: 1703.081+/-0.544 χ^2/NDF:145526.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1709.602+/-0.400 χ^2/NDF: 280386.9/11

- 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: 101.750+/-462.720 χ^2/NDF:5.6/5

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

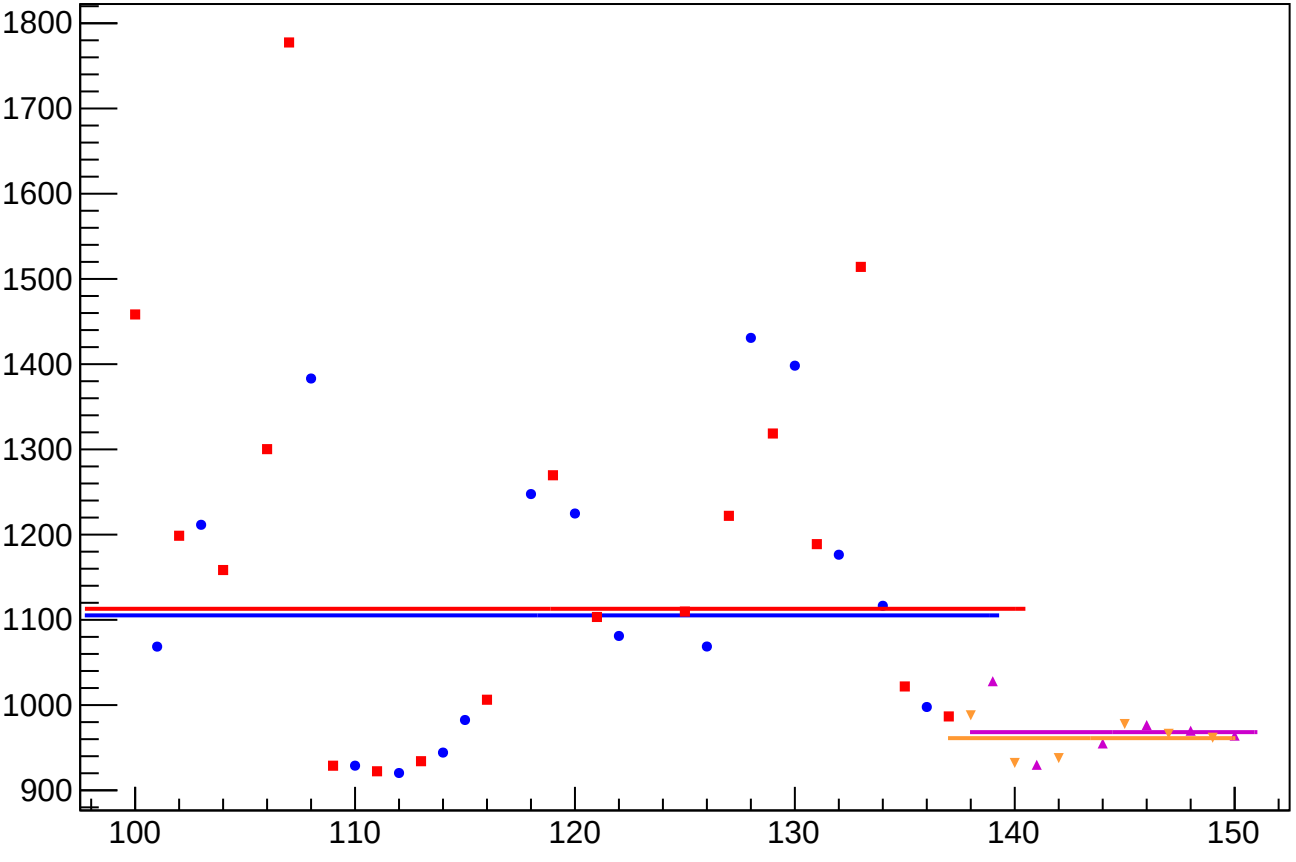
Left In: 461.315+/-433.555 χ^2/NDF:5.7/5

+ sign -51.655+/-315.575 χ^2/NDF: 22.4/21

All: 214.227+/-219.012 χ^2/NDF: 37.9/45

- sign 461.284+/-304.197 χ^2/NDF: 14.1/23

asym_us_dd_rms vs Slug



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

Left Out: 961.194+/-0.327 χ^2/NDF:3654.7/5

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

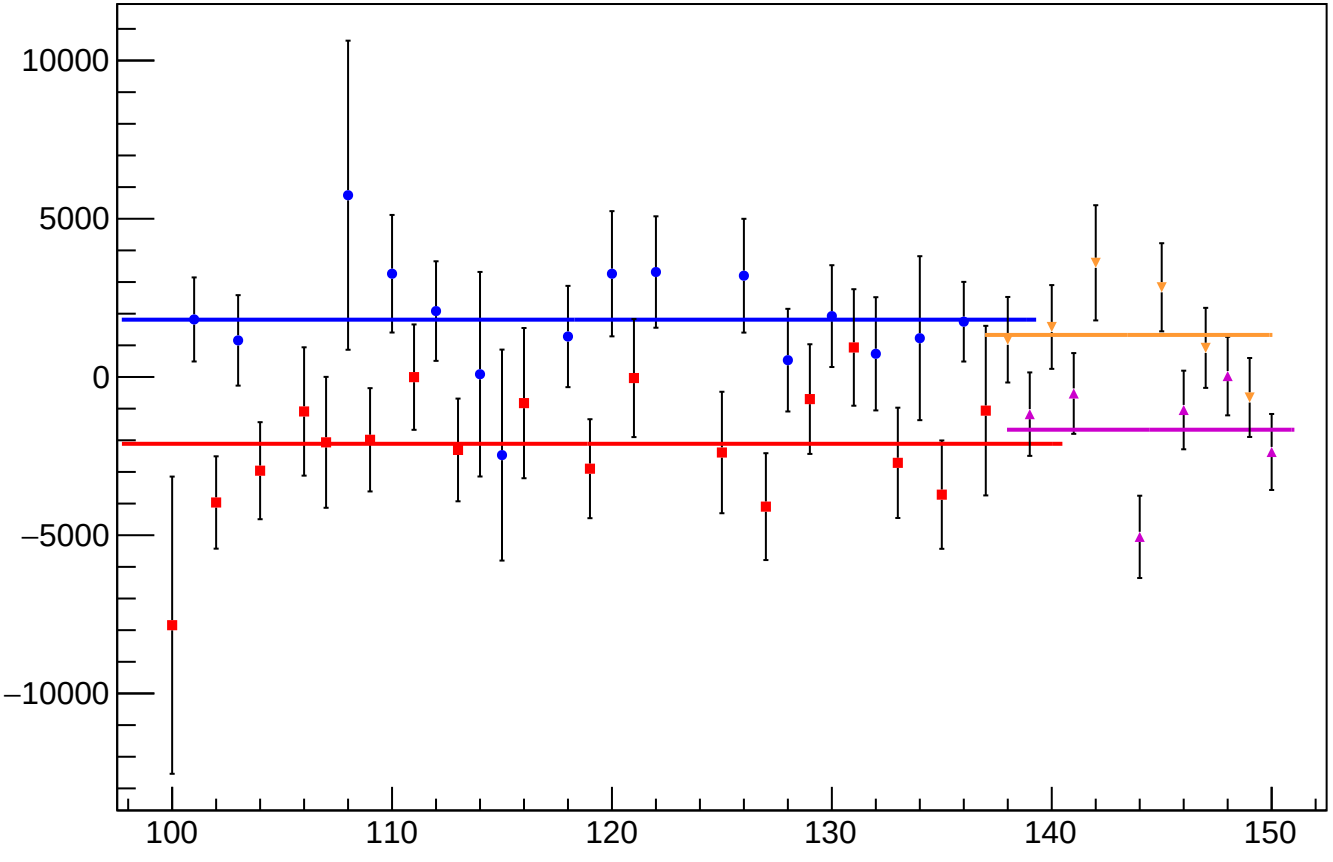
Left In: 968.244+/-0.307 χ^2/NDF:8738.2/5

+ sign 1038.238+/-0.223 χ^2/NDF: 362684.4/21

All: 1040.046+/-0.155 χ^2/NDF: 847699.0/45

- sign 1041.725+/-0.215 χ^2/NDF: 484888.0/23

dit_asym_usl_mean vs Slug



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

Left Out: 1329.001+/-558.681 χ^2/NDF:5.4/5

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

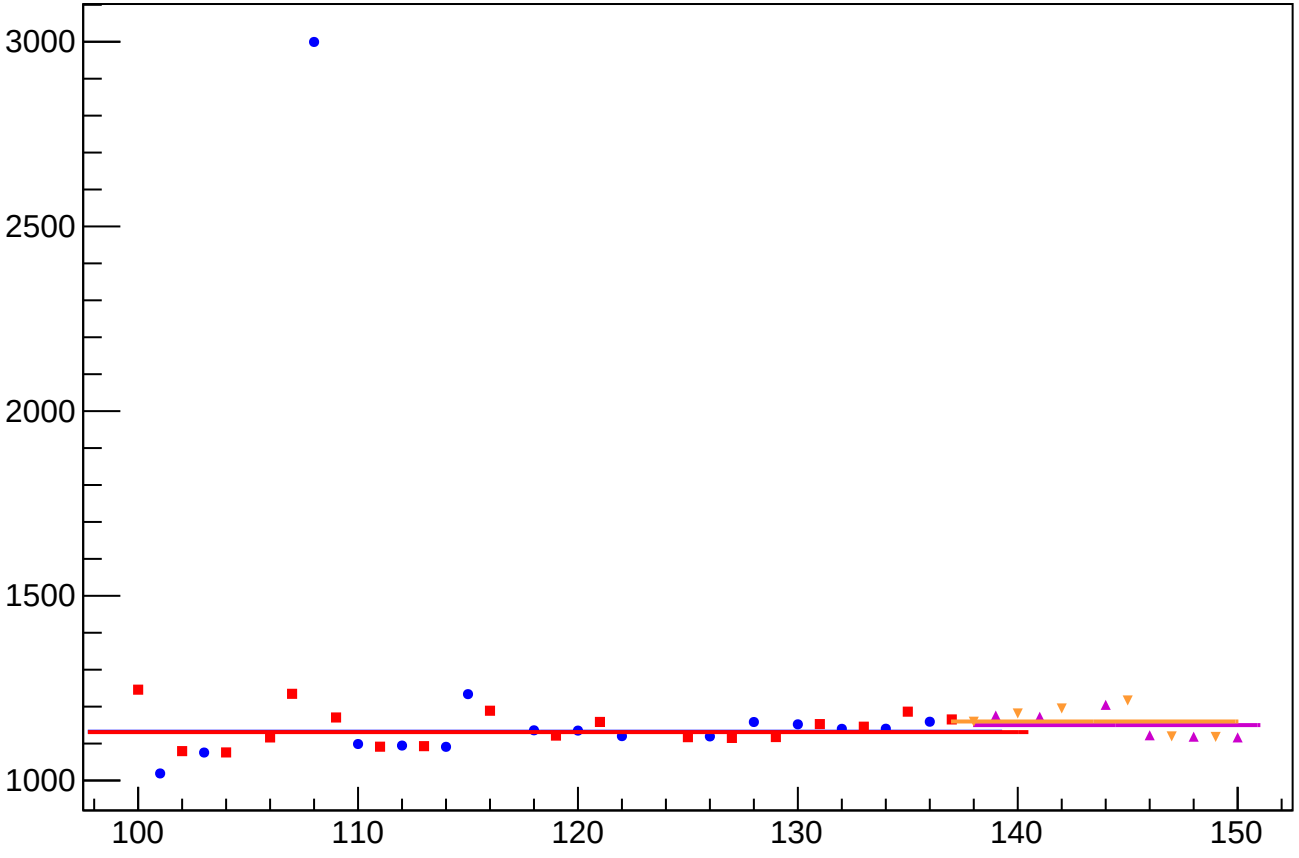
Left In: -1666.054+/-514.921 χ^2/NDF:10.2/5

+ sign 1625.409+/-346.704 χ^2/NDF: 12.3/21

All: -245.063+/-238.650 χ^2/NDF: 91.3/45

- sign -1929.363+/-328.997 χ^2/NDF: 23.7/23

dit_asym_usl_rms vs Slug



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

Left Out: 1159.753+/-0.395 χ^2/NDF:8915.9/5

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

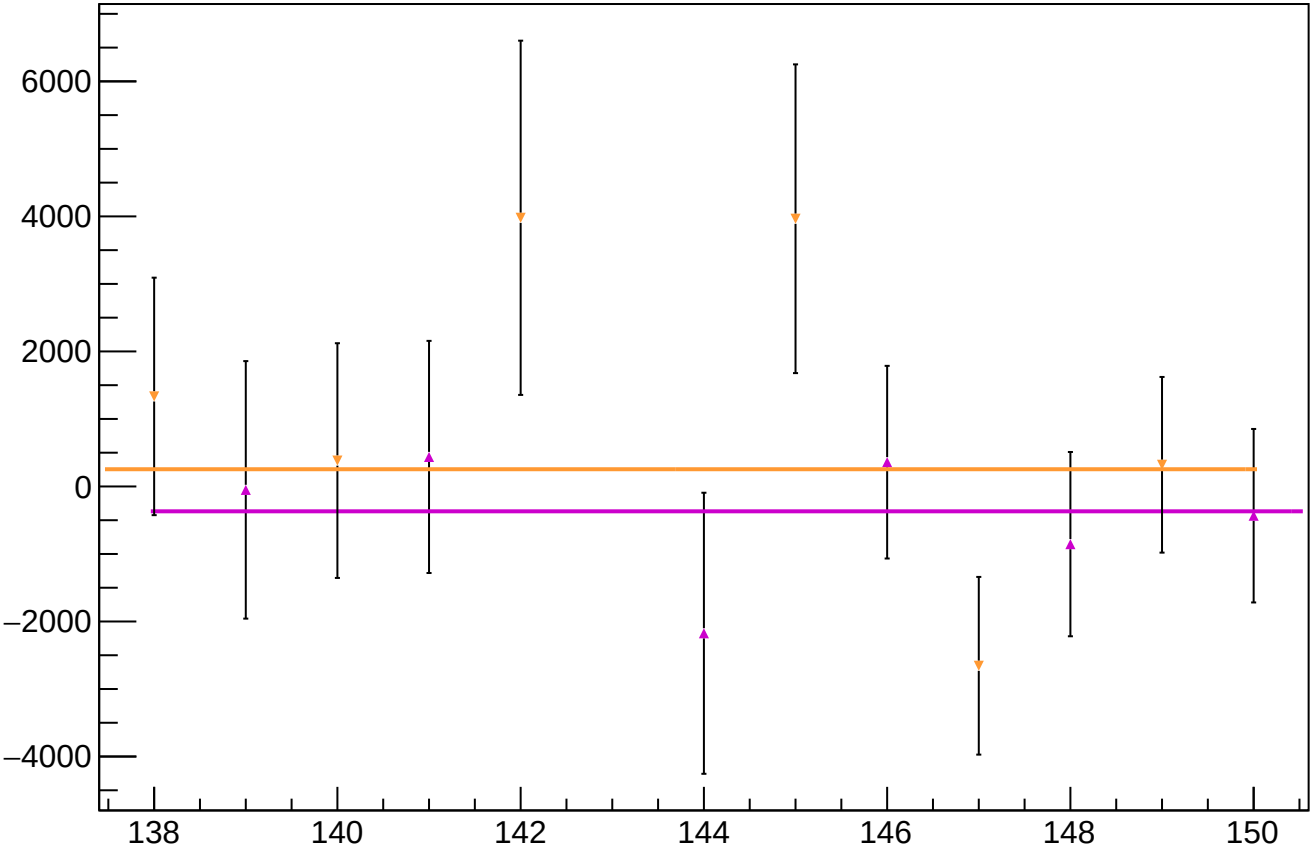
Left In: 1149.981+/-0.364 χ^2/NDF:8756.0/5

+ sign 1142.734+/-0.245 χ^2/NDF: 327960.5/21

All: 1140.642+/-0.169 χ^2/NDF: 358179.5/45

- sign 1138.758+/-0.233 χ^2/NDF: 30080.5/23

asym_usl_correction_mean vs Slug



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

Left Out: 255.152+/-680.554 χ^2/NDF:9.9/5

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

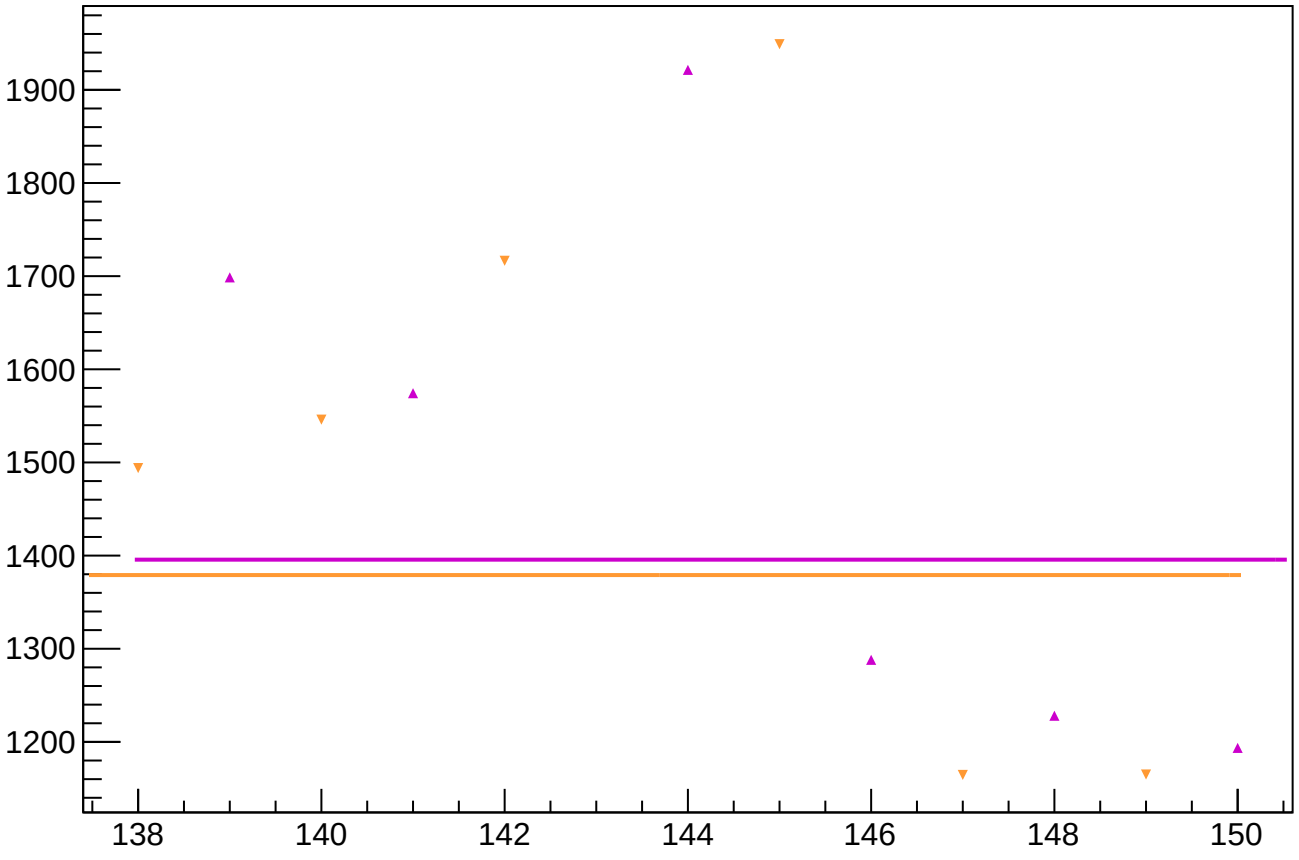
Left In: -368.152+/-635.255 χ^2/NDF:1.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -77.933+/-464.382 χ^2/NDF: 11.8/11

- 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: 1379.100+/-0.481 χ^2/NDF:291644.6/5

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

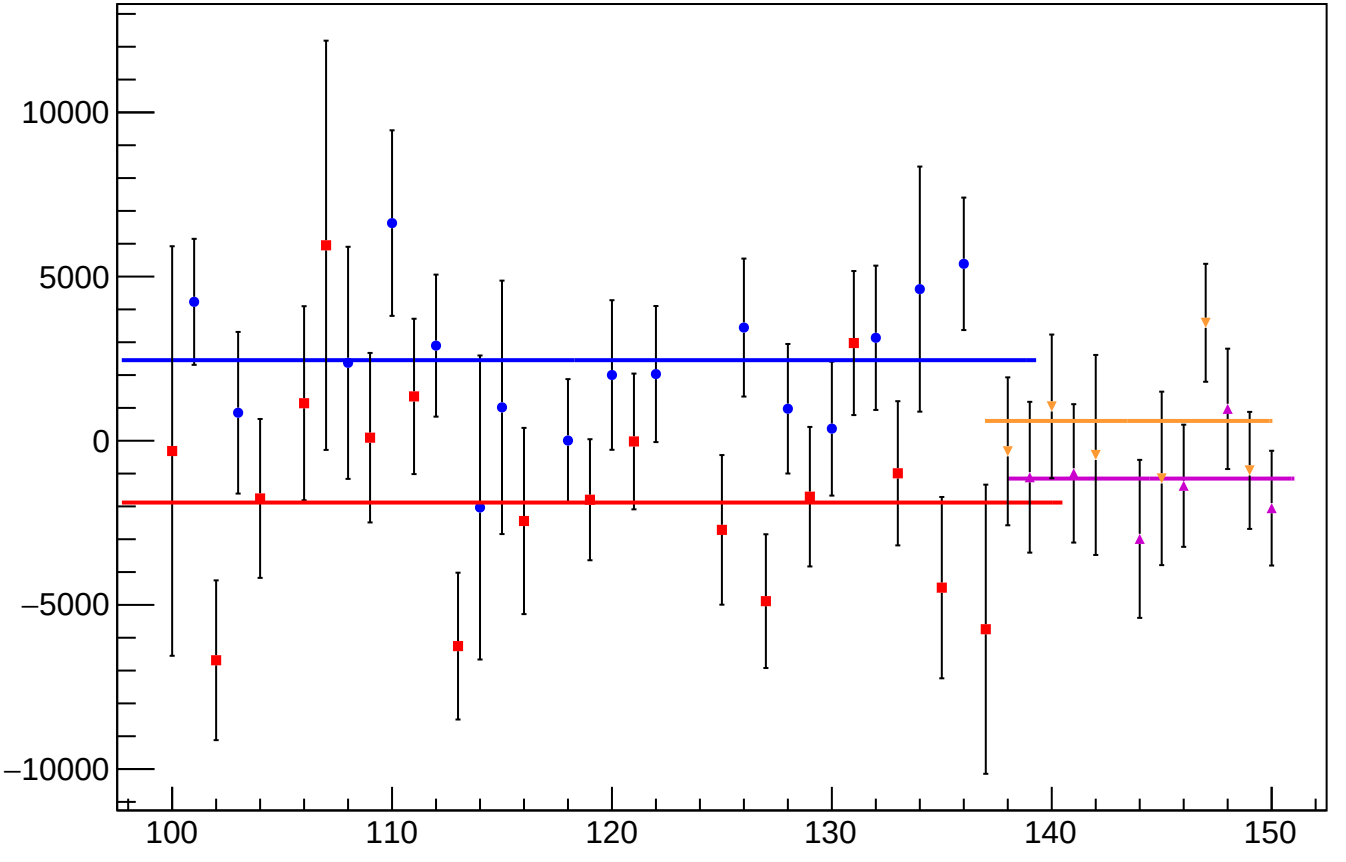
Left In: 1395.637+/-0.449 χ^2/NDF:290721.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1387.937+/-0.328 χ^2/NDF: 582997.1/11

- 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: 602.994+/-883.293 χ^2/NDF:4.2/5

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

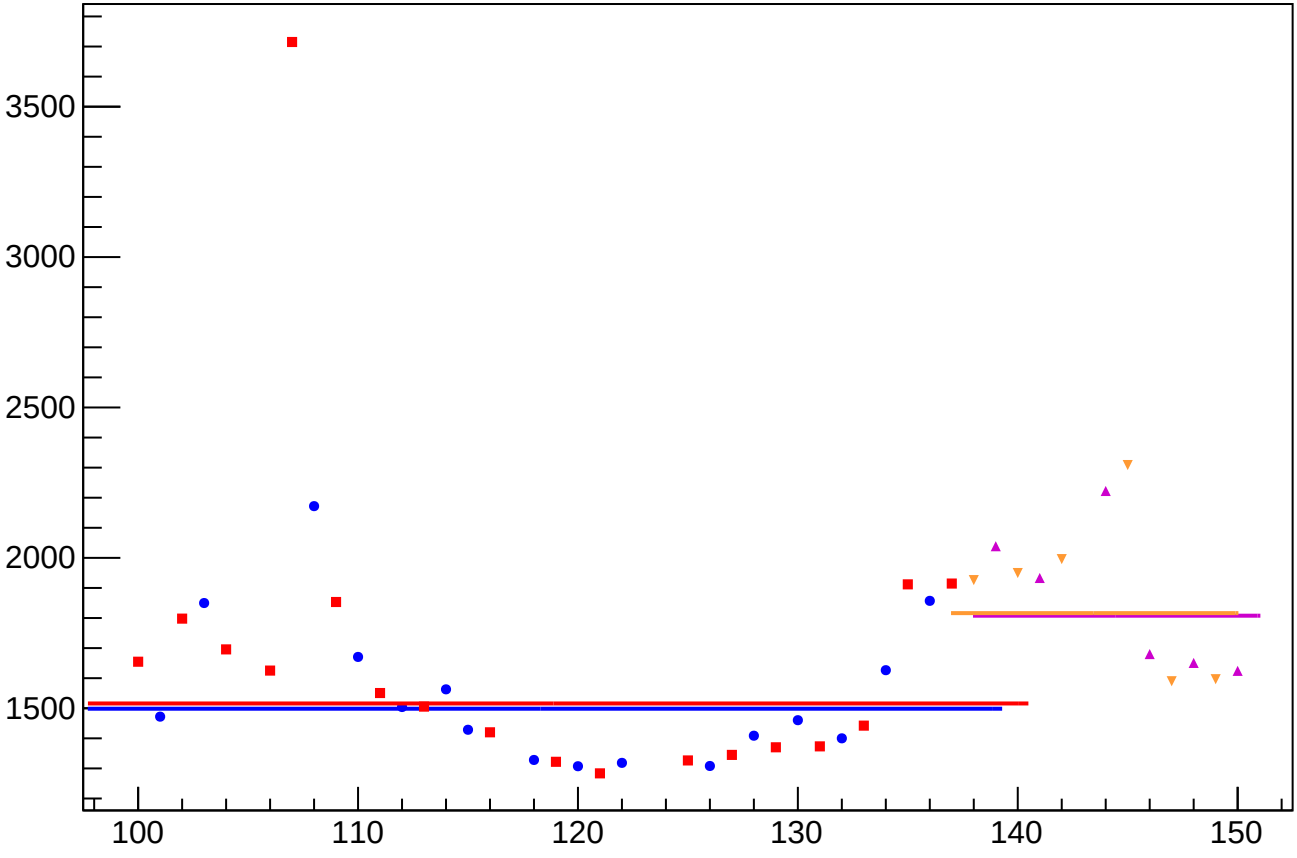
Left In: -1152.453+/-816.092 χ^2/NDF:2.2/5

+ sign 1890.336+/-487.329 χ^2/NDF: 18.1/21

All: 80.151+/-339.962 χ^2/NDF: 70.4/45

- sign -1635.882+/-474.487 χ^2/NDF: 25.5/23

asym_usl_rms vs Slug



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

Left Out: 1816.286+/-0.625 χ^2/NDF:150747.7/5

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

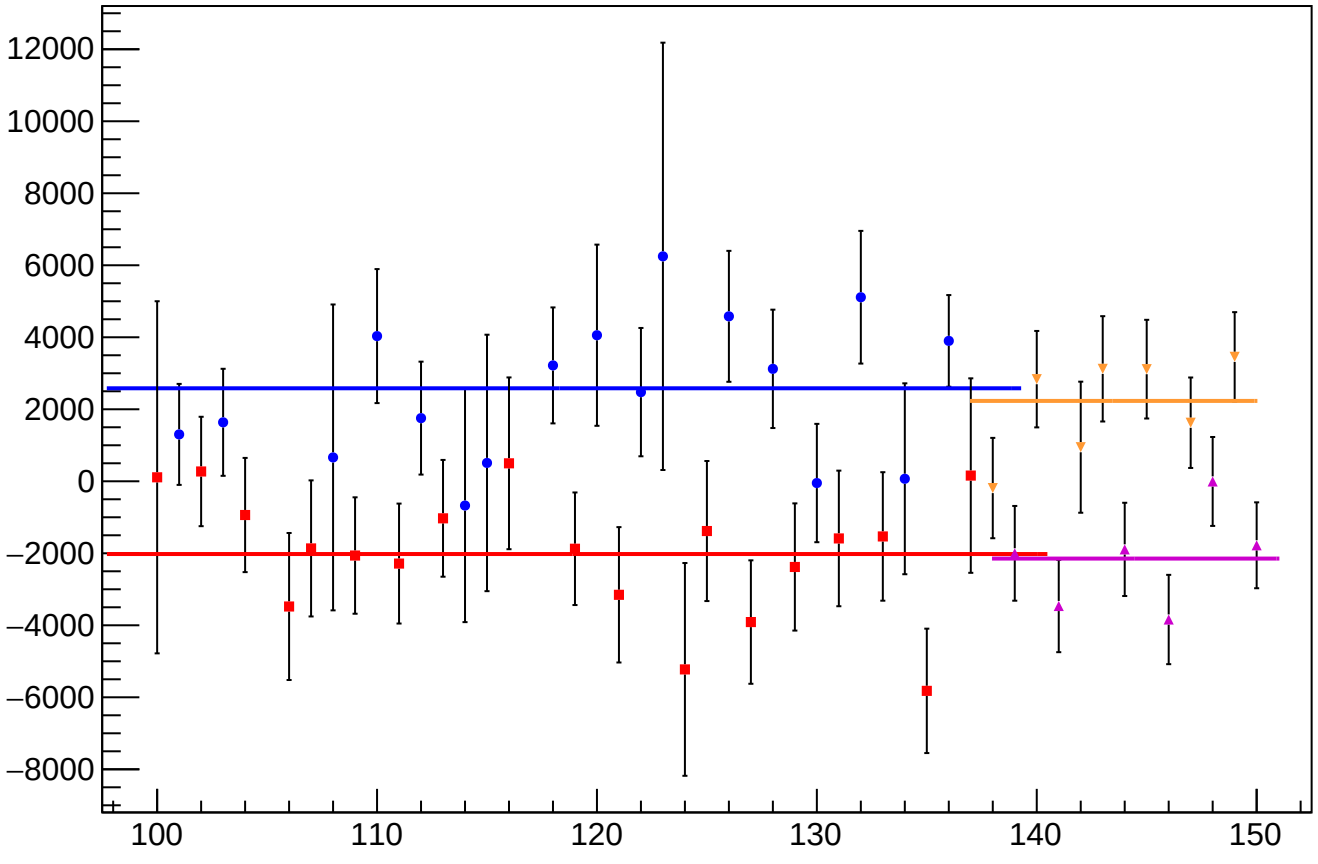
Left In: 1807.759+/-0.577 χ^2/NDF:132784.9/5

+ sign 1595.222+/-0.345 χ^2/NDF: 589647.7/21

All: 1605.166+/-0.240 χ^2/NDF: 1373867.6/45

- sign 1614.593+/-0.336 χ^2/NDF: 782597.7/23

dit_asym_usr_mean vs Slug



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

Left Out: 2232.207+/-522.940 χ^2/NDF:5.7/6

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

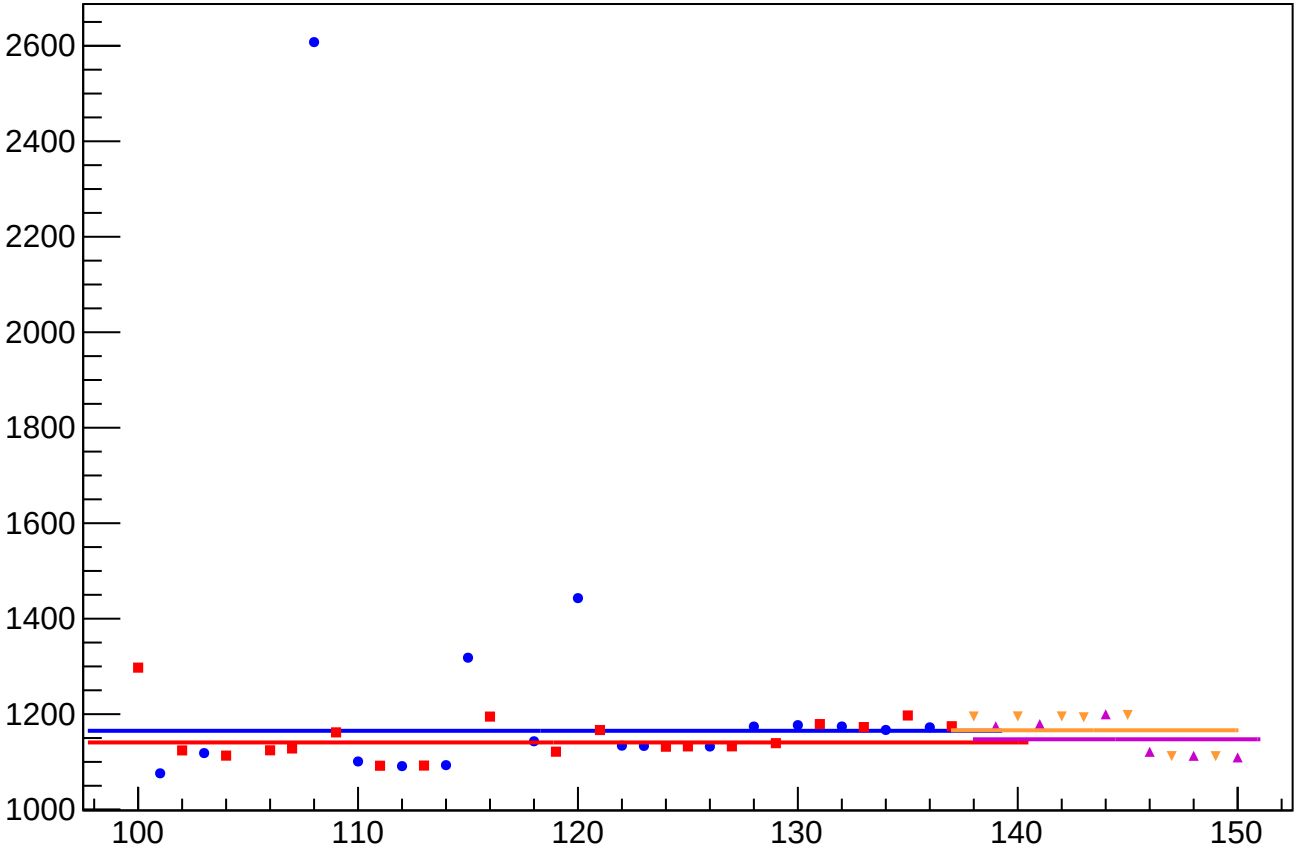
Left In: -2147.004+/-513.715 χ^2/NDF:6.1/5

+ sign 2432.534+/-342.480 χ^2/NDF: 18.3/23

All: 84.683+/-236.984 χ^2/NDF: 128.0/48

- sign -2072.293+/-328.264 χ^2/NDF: 19.6/24

dit_asym_usr_rms vs Slug



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

Left Out: 1166.234+/-0.370 χ^2/NDF:11635.6/6

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

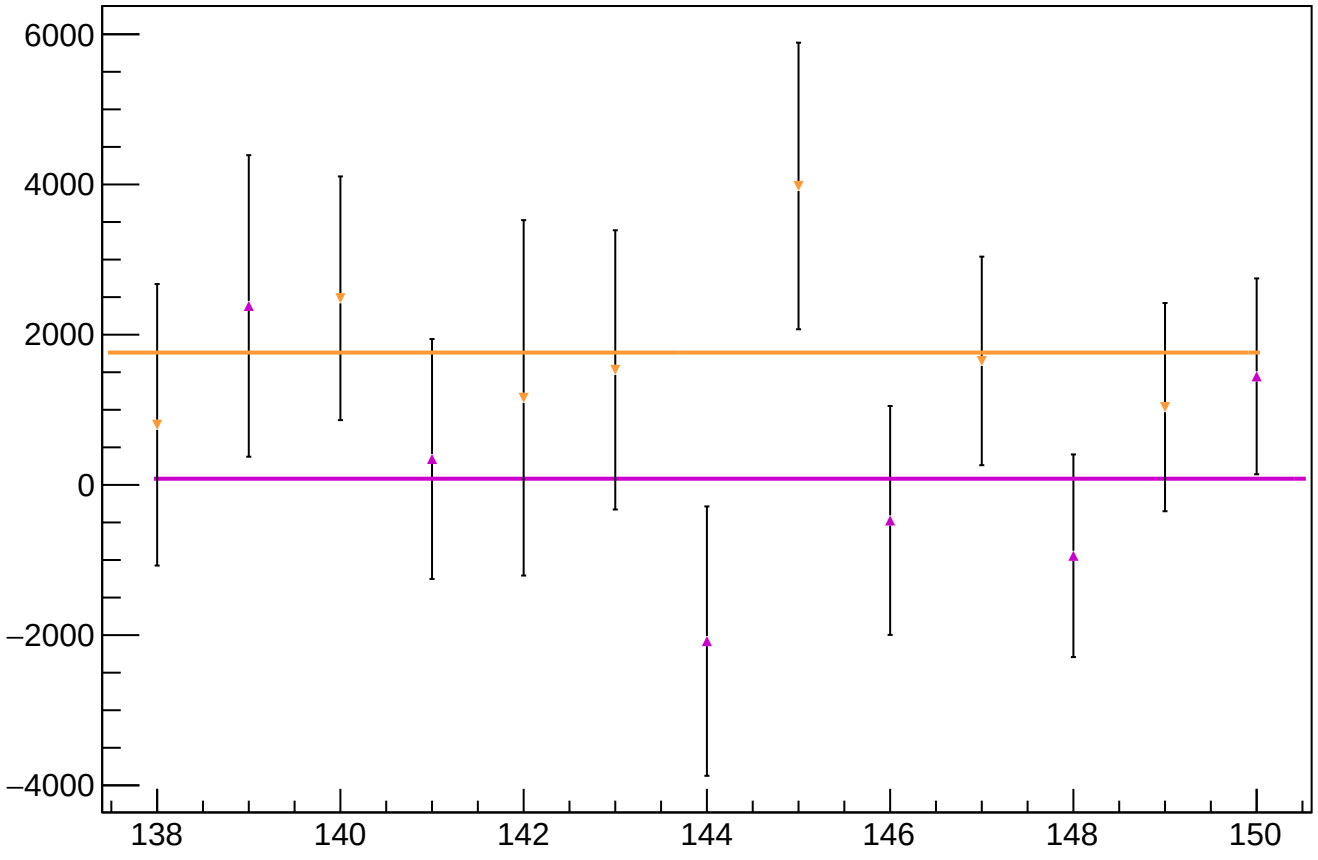
Left In: 1147.377+/-0.363 χ^2/NDF:9840.6/5

+ sign 1165.613+/-0.242 χ^2/NDF: 290210.7/23

All: 1154.066+/-0.168 χ^2/NDF: 317328.1/48

- sign 1143.457+/-0.232 χ^2/NDF: 22755.1/24

asym_usr_correction_mean vs Slug



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

Left Out: 1761.998+/-639.306 χ^2/NDF:2.2/6

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

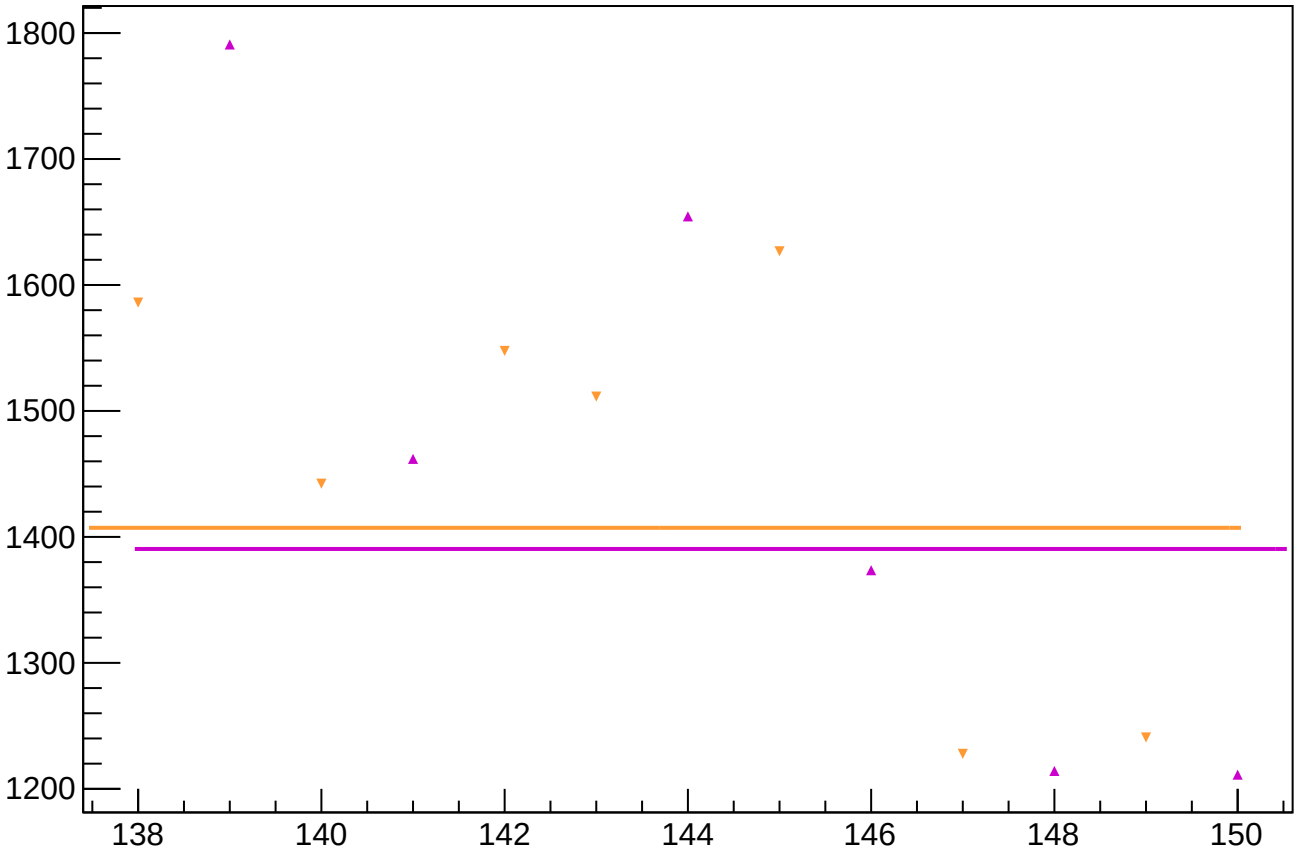
Left In: 82.456+/-629.992 χ^2/NDF:4.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 909.904+/-448.728 χ^2/NDF: 10.3/12

- 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: 1407.235+/-0.452 χ^2/NDF:121187.7/6

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

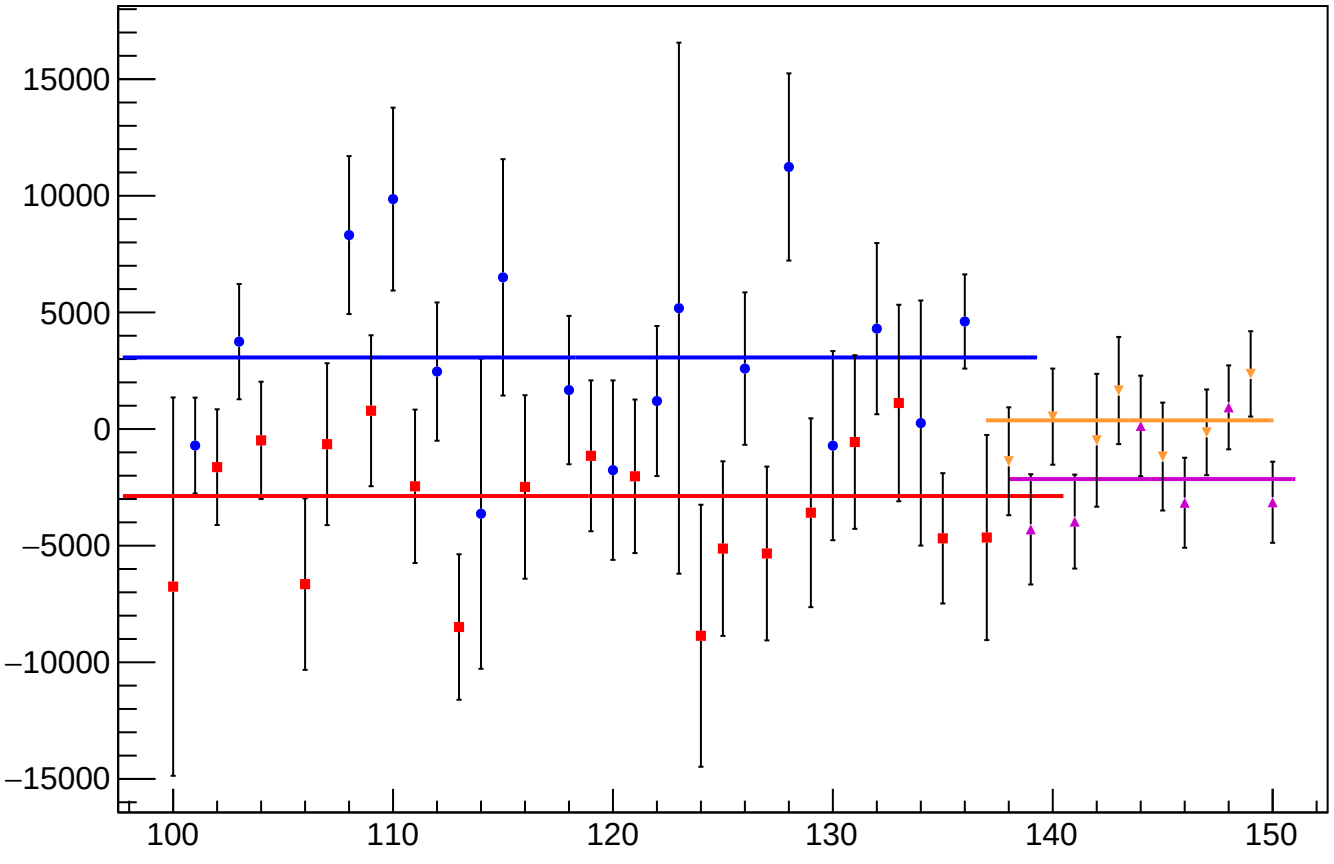
Left In: 1390.431+/-0.445 χ^2/NDF:199104.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1398.710+/-0.317 χ^2/NDF: 320993.2/12

- 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: 372.515+/-812.062 χ^2/NDF:2.7/6

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

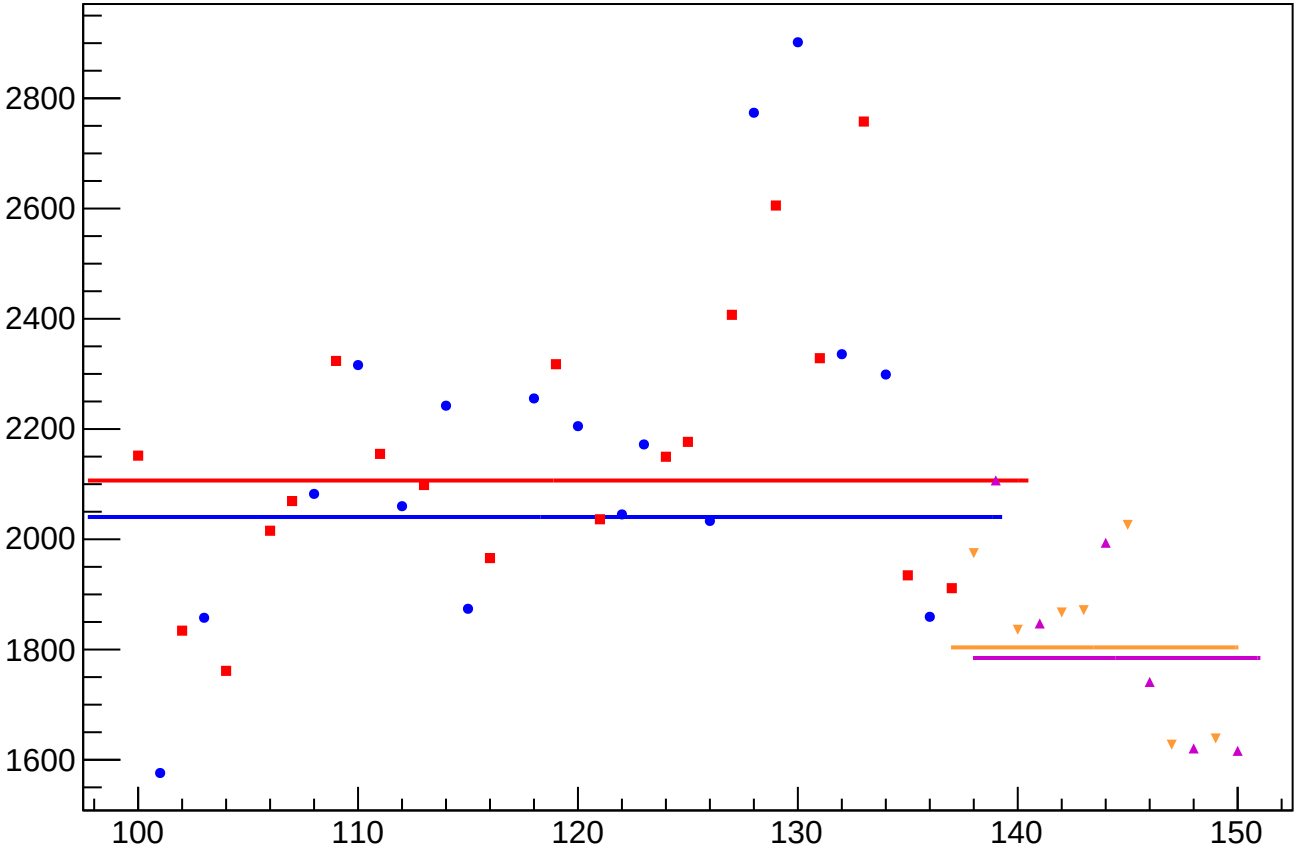
Left In: -2143.460+/-803.531 χ^2/NDF:6.3/5

+ sign 1744.991+/-569.084 χ^2/NDF: 26.8/23

All: -397.705+/-401.047 χ^2/NDF: 73.3/48

- sign -2511.767+/-565.269 χ^2/NDF: 18.3/24

asym_usr_rms vs Slug



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

Left Out: 1803.892+/-0.574 χ^2/NDF:67296.2/6

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

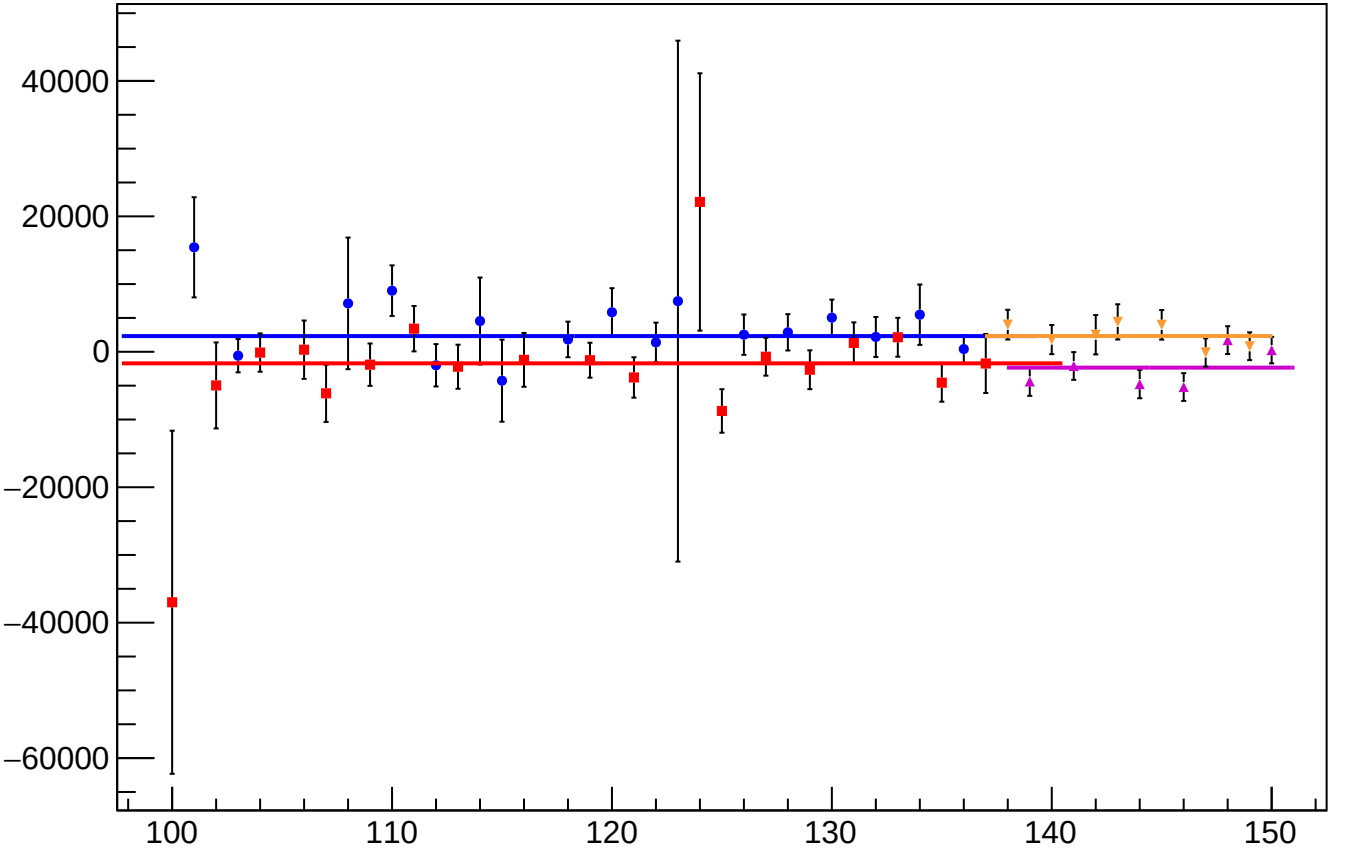
Left In: 1784.693+/-0.568 χ^2/NDF:94320.8/5

+ sign 1924.267+/-0.402 χ^2/NDF: 484992.8/23

All: 1935.863+/-0.284 χ^2/NDF: 938536.9/48

- sign 1947.305+/-0.400 χ^2/NDF: 451894.2/24

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2326.794+/-856.478 χ^2/NDF:3.7/6

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

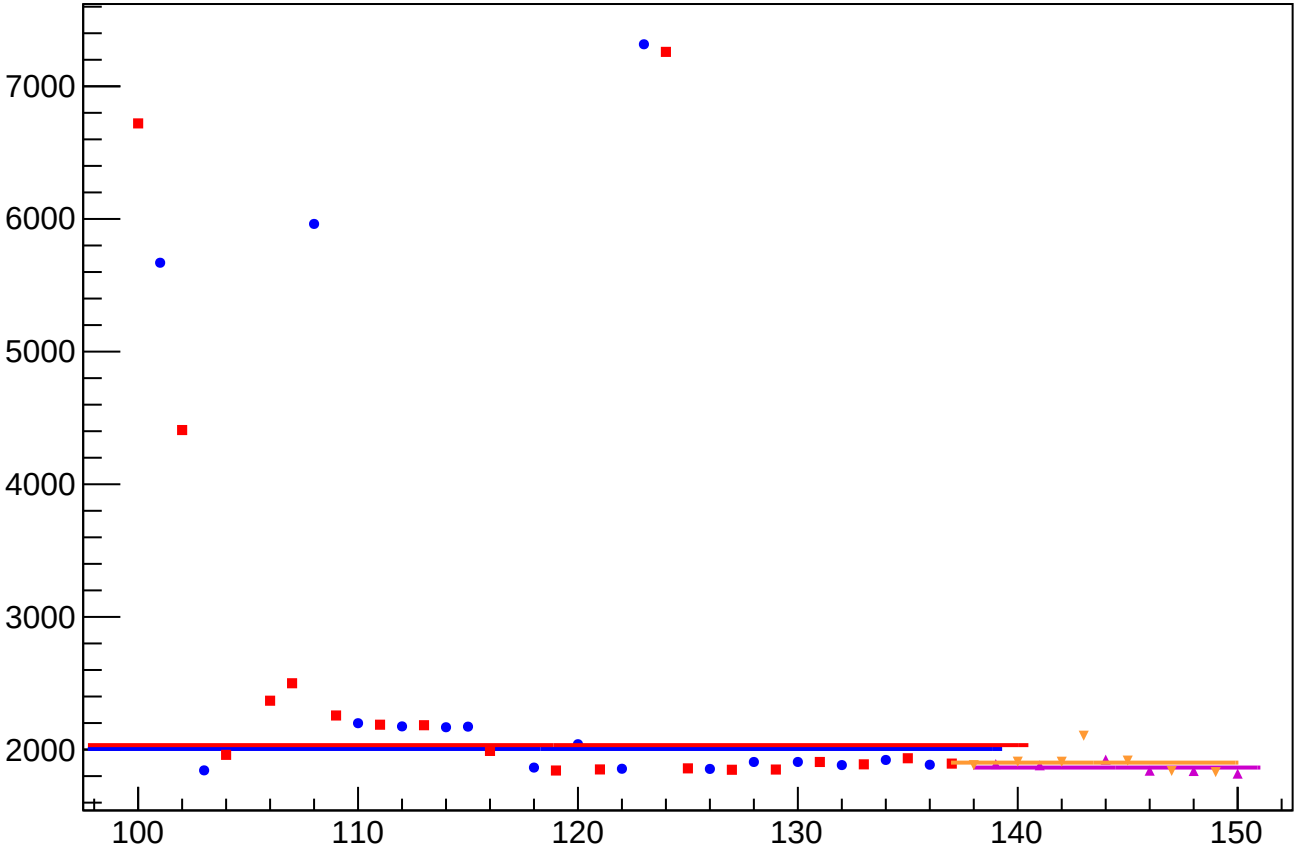
Left In: -2337.165+/-837.485 χ^2/NDF:9.9/5

+ sign 2322.659+/-585.194 χ^2/NDF: 18.5/23

All: 111.631+/-409.013 χ^2/NDF: 73.8/48

- sign -2000.061+/-571.898 χ^2/NDF: 27.4/24

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1901.701+/-0.606 χ^2/NDF:16676.7/6

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

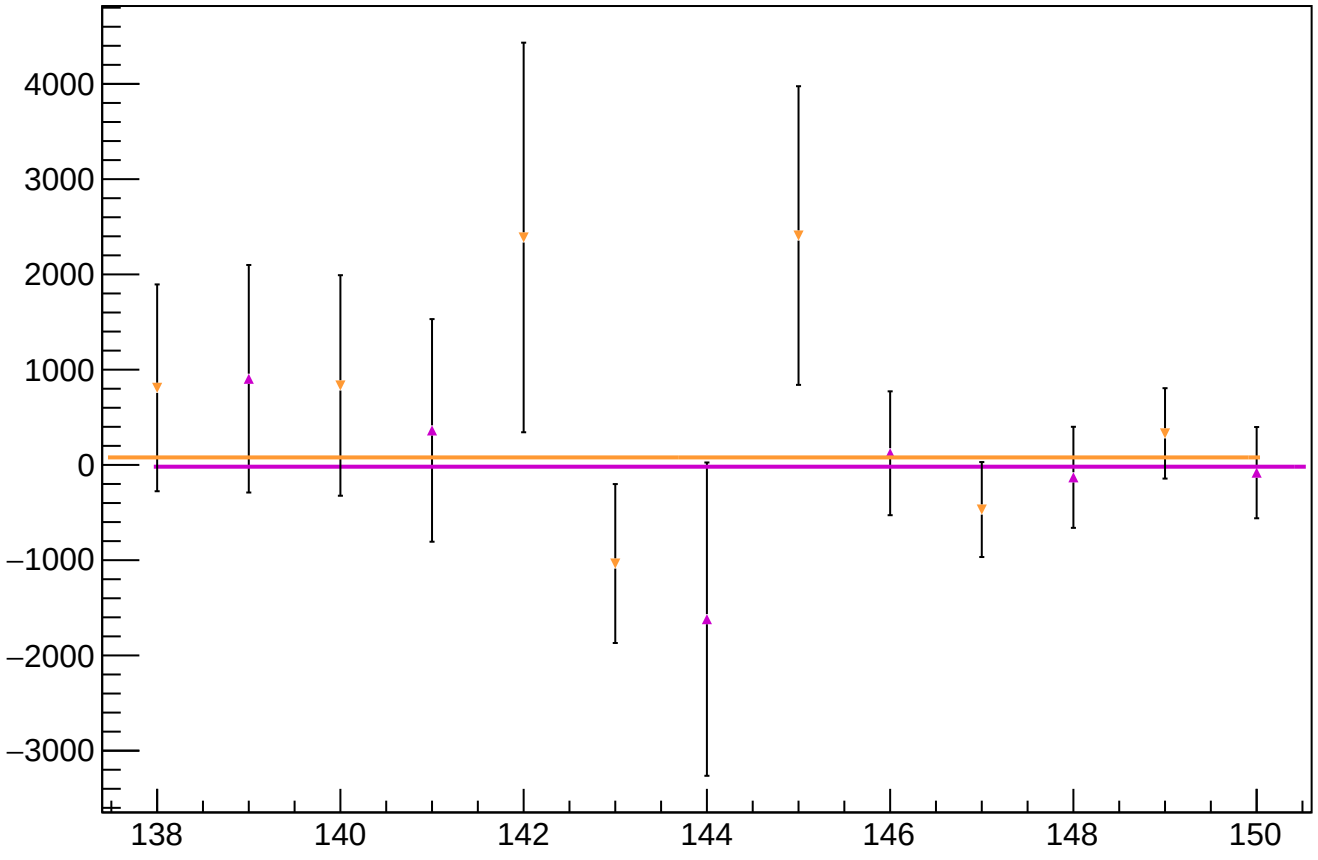
Left In: 1864.470+/-0.592 χ^2/NDF:3753.7/5

+ sign 1956.536+/-0.414 χ^2/NDF: 948066.6/23

All: 1955.583+/-0.289 χ^2/NDF: 1606315.2/48

- sign 1954.673+/-0.404 χ^2/NDF: 658238.2/24

asym_at1_avg_correction_mean vs Slug



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

Left Out: 78.875+/-286.989 χ^2/NDF:7.6/6

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

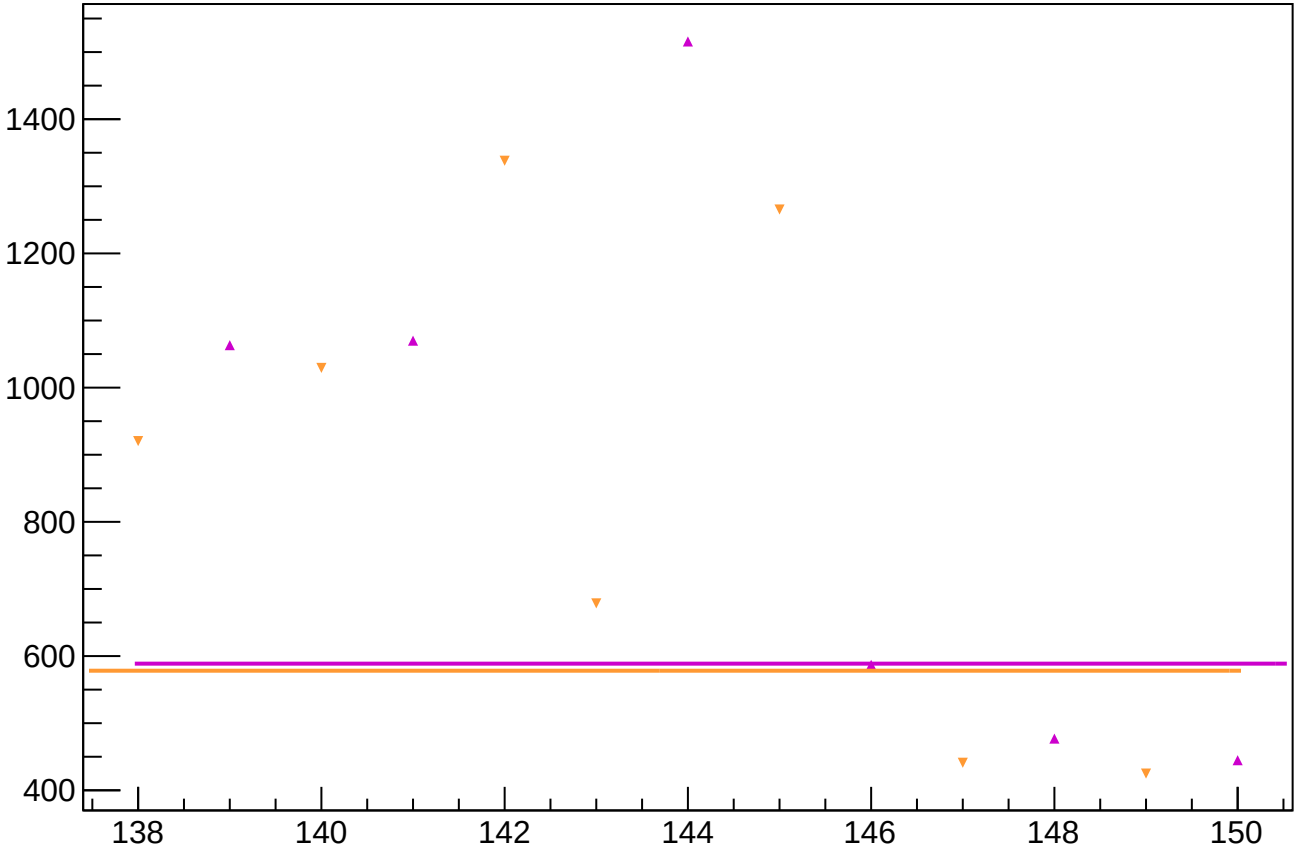
Left In: -18.694+/-287.718 χ^2/NDF:1.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 30.214+/-203.189 χ^2/NDF: 9.4/12

- 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: 578.197+/-0.203 χ^2/NDF:1551840.7/6

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

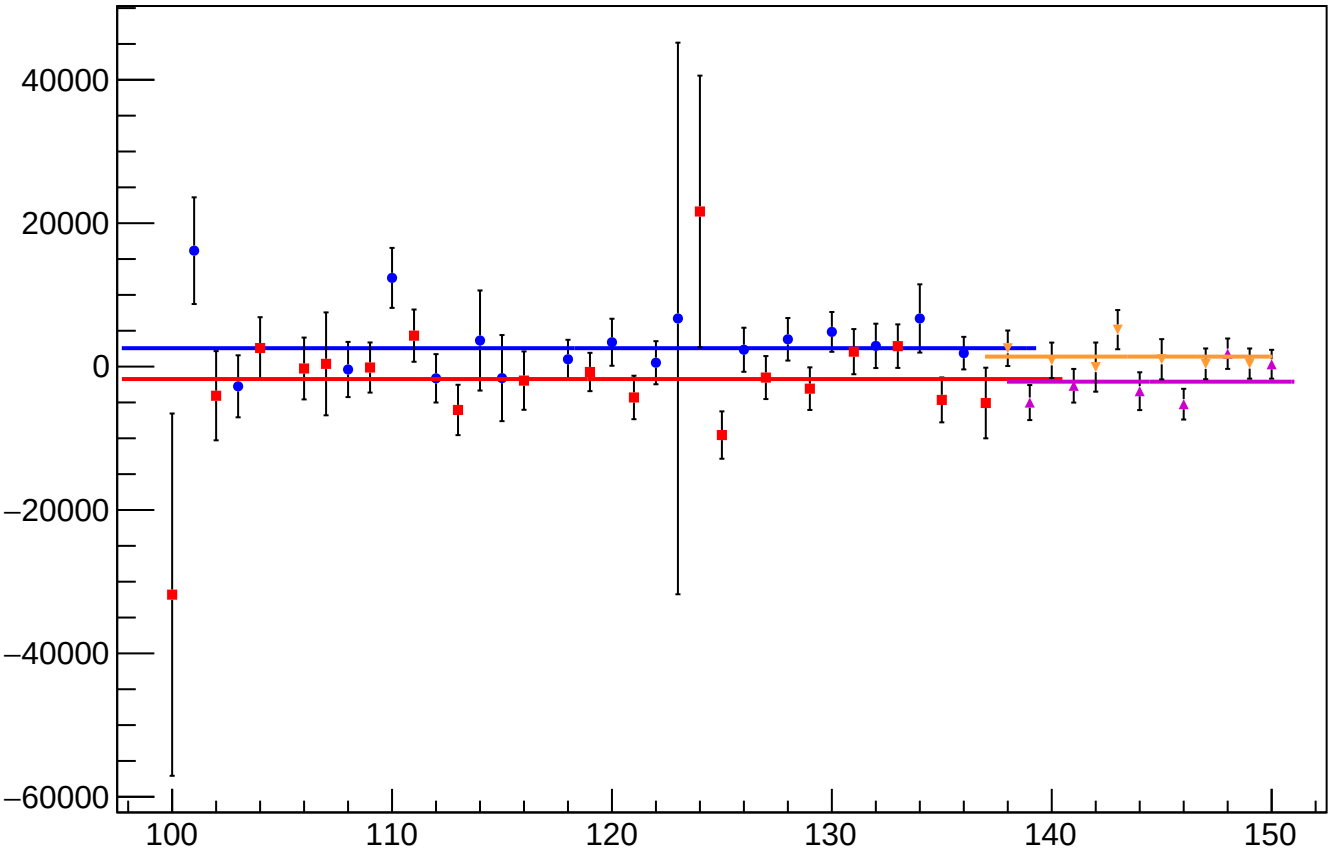
Left In: 588.719+/-0.203 χ^2/NDF:1559655.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 583.445+/-0.144 χ^2/NDF: 3112837.4/12

- 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: 1392.028+/-946.269 χ^2/NDF:2.8/6

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

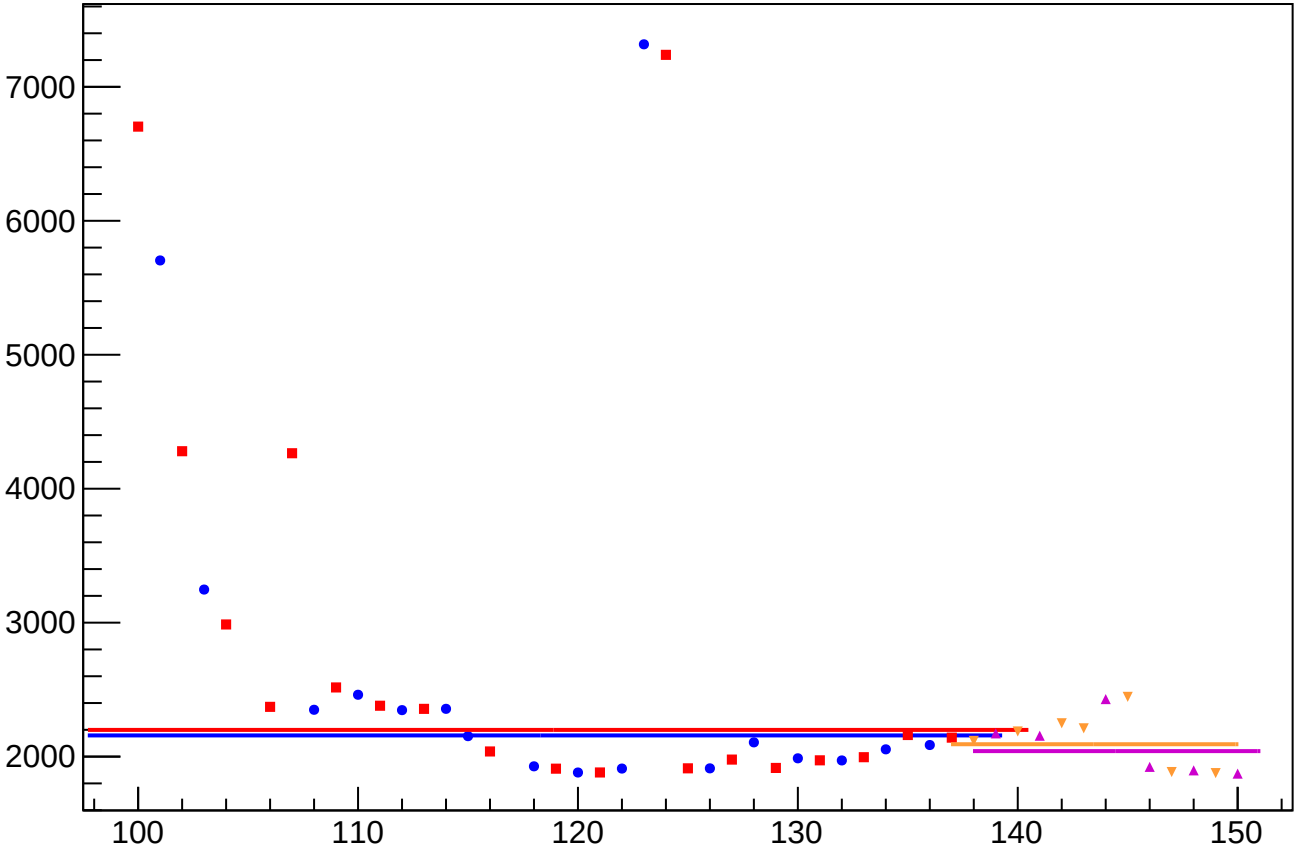
Left In: -2102.922+/-920.755 χ^2/NDF:8.7/5

+ sign 2038.045+/-634.840 χ^2/NDF: 19.2/23

All: 37.588+/-445.675 χ^2/NDF: 68.1/48

- sign -1906.410+/-625.817 χ^2/NDF: 29.3/24

asym_at1_avg_rms vs Slug



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

Left Out: 2092.373+/-0.669 χ^2/NDF:82676.5/6

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

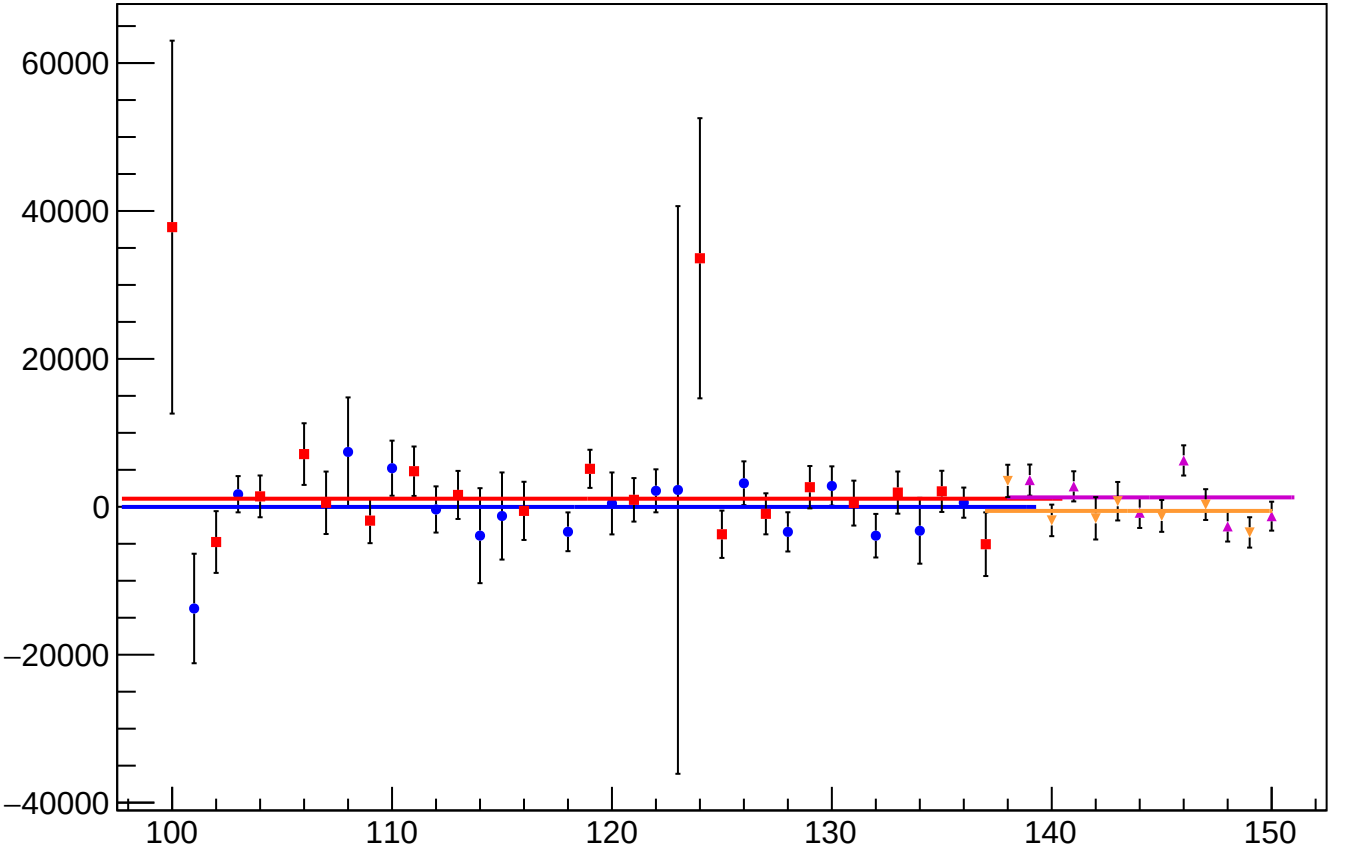
Left In: 2041.027+/-0.651 χ^2/NDF:83168.5/5

+ sign 2128.543+/-0.449 χ^2/NDF: 801852.7/23

All: 2127.359+/-0.315 χ^2/NDF: 1719870.0/48

- sign 2126.207+/-0.443 χ^2/NDF: 918003.6/24

dit_asym_at1_dd_mean vs Slug



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

Left Out: -556.508+/-850.641 χ^2/NDF:6.4/6

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

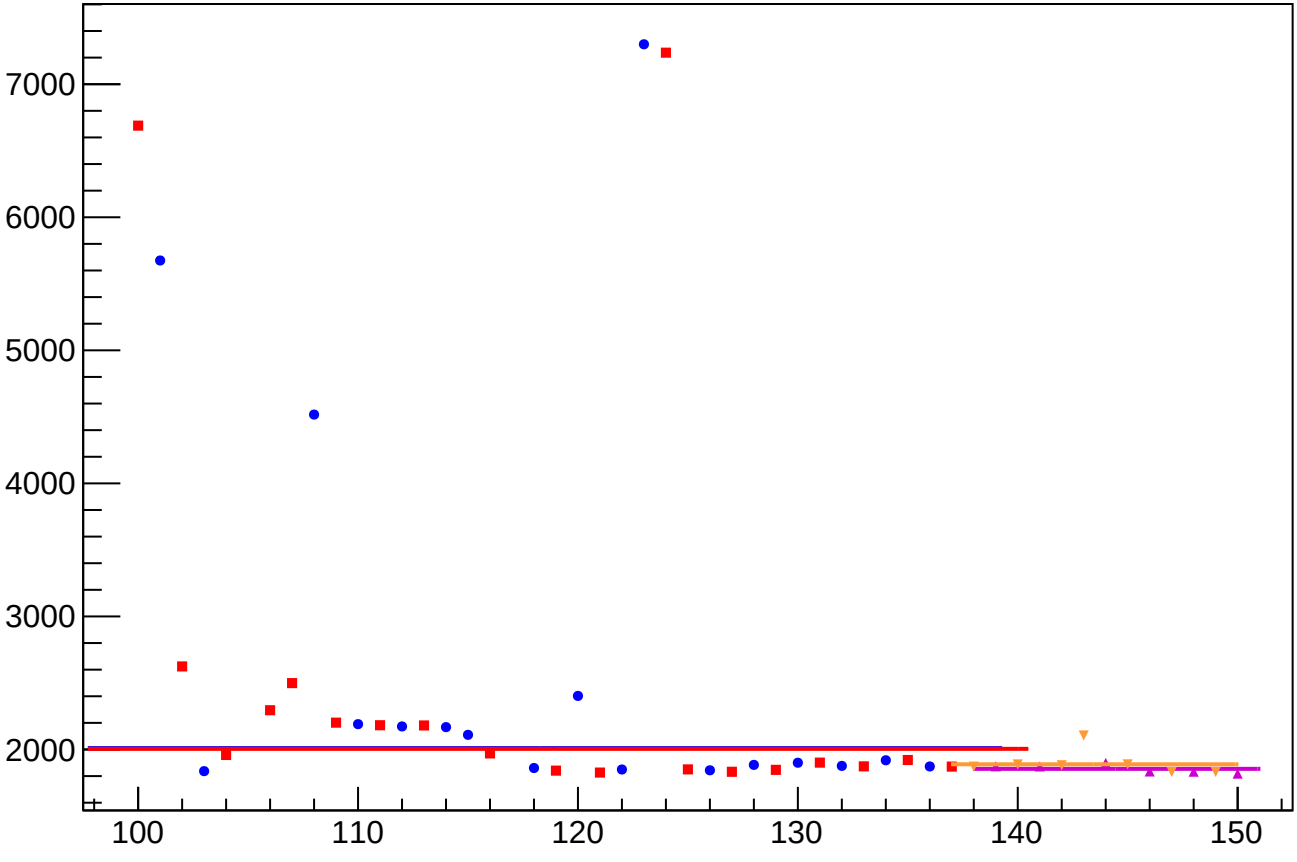
Left In: 1273.070+/-832.900 χ^2/NDF:14.1/5

+ sign -271.365+/-583.309 χ^2/NDF: 22.5/23

All: 475.663+/-405.942 χ^2/NDF: 59.2/48

- sign 1177.260+/-565.293 χ^2/NDF: 33.5/24

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1888.770+/-0.601 χ^2/NDF:17096.8/6

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

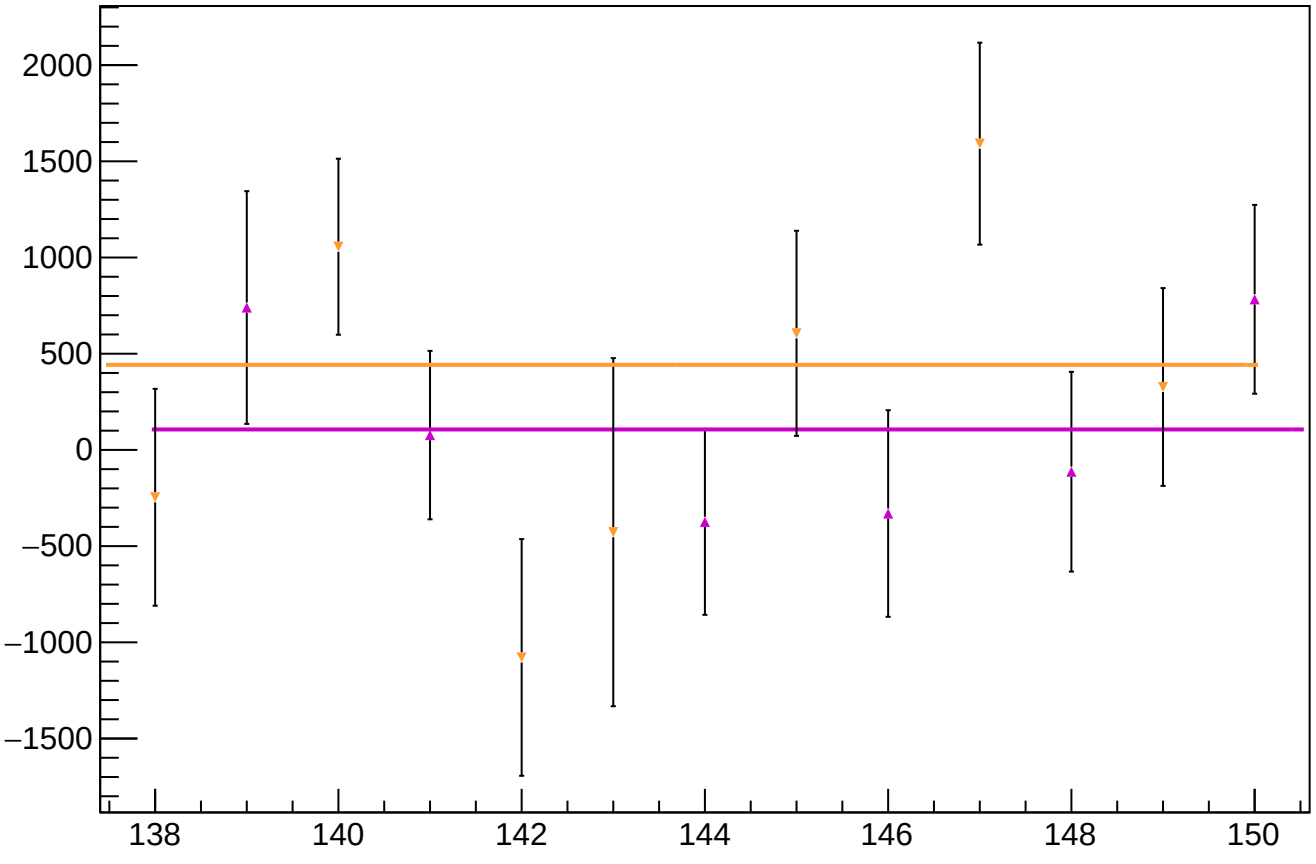
Left In: 1854.480+/-0.589 χ^2/NDF:2336.9/5

+ sign 1953.139+/-0.412 χ^2/NDF: 878460.5/23

All: 1944.095+/-0.287 χ^2/NDF: 1284417.9/48

- sign 1935.601+/-0.400 χ^2/NDF: 405025.0/24

asym_at1_dd_correction_mean vs Slug



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

Left Out: 442.140+/-209.765 χ^2/NDF:15.3/6

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

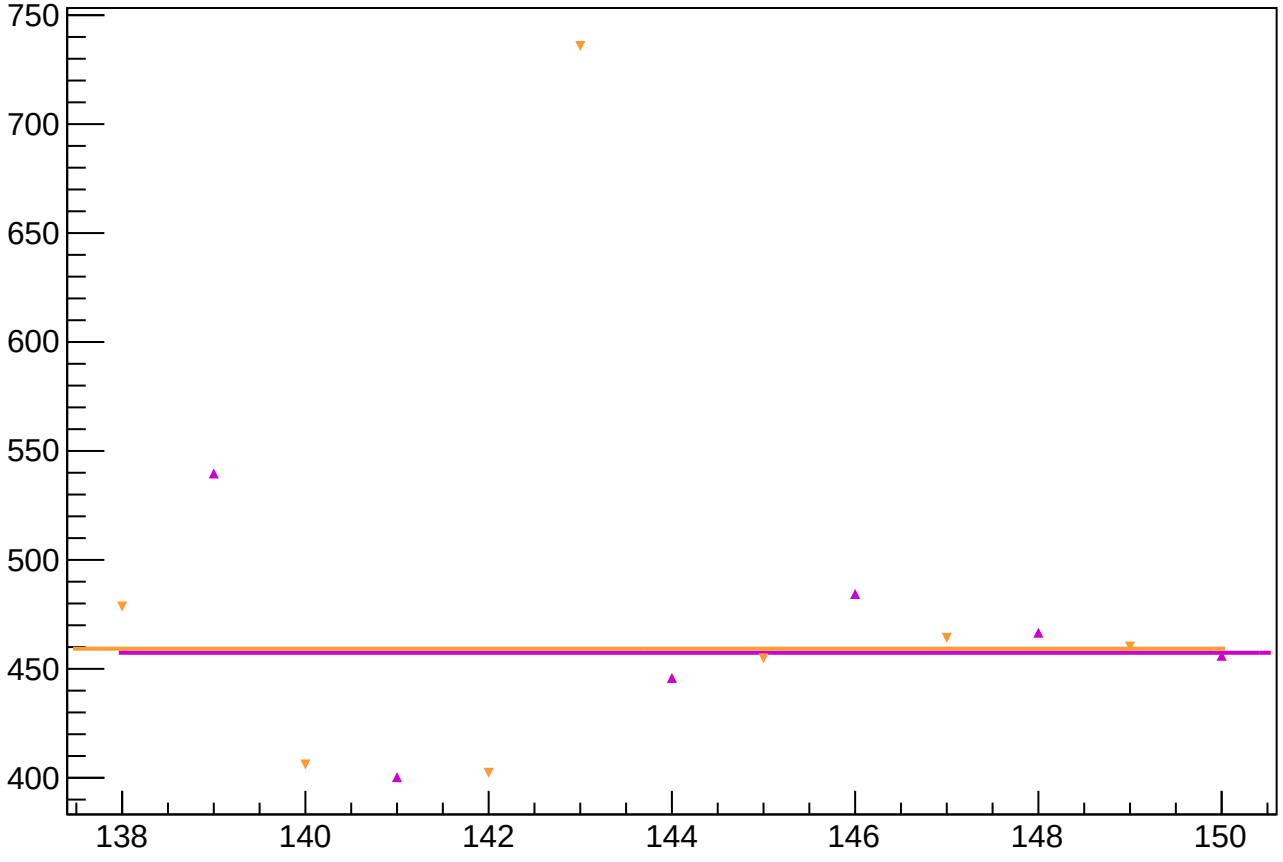
Left In: 106.367+/-205.981 χ^2/NDF:4.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 271.197+/-146.970 χ^2/NDF: 21.4/12

- 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: 459.260+/-0.148 χ^2/NDF:233752.2/6

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

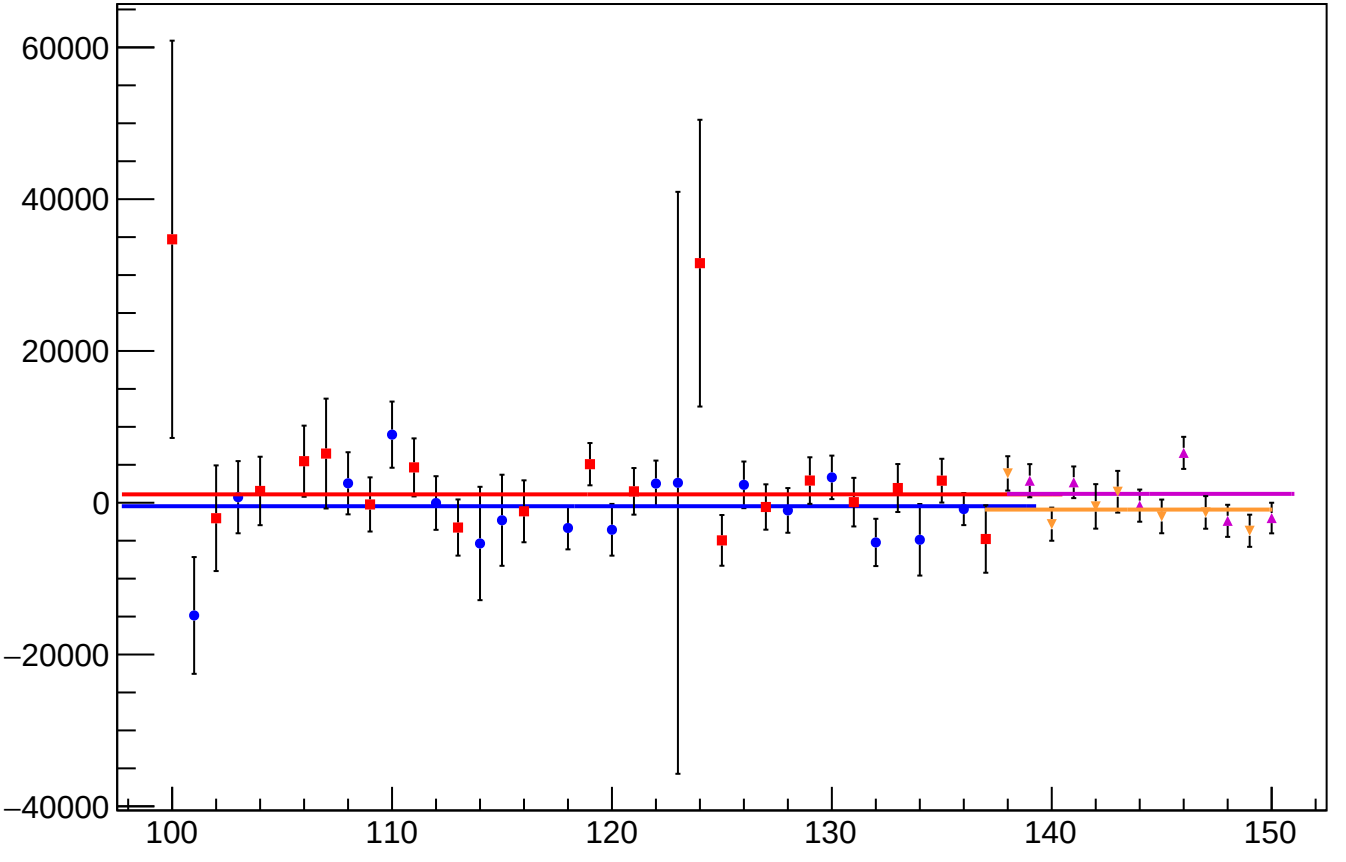
Left In: 457.384+/-0.146 χ^2/NDF:77889.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 458.305+/-0.104 χ^2/NDF: 311723.2/12

- 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: -901.265+/-878.364 χ^2/NDF:7.9/6

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

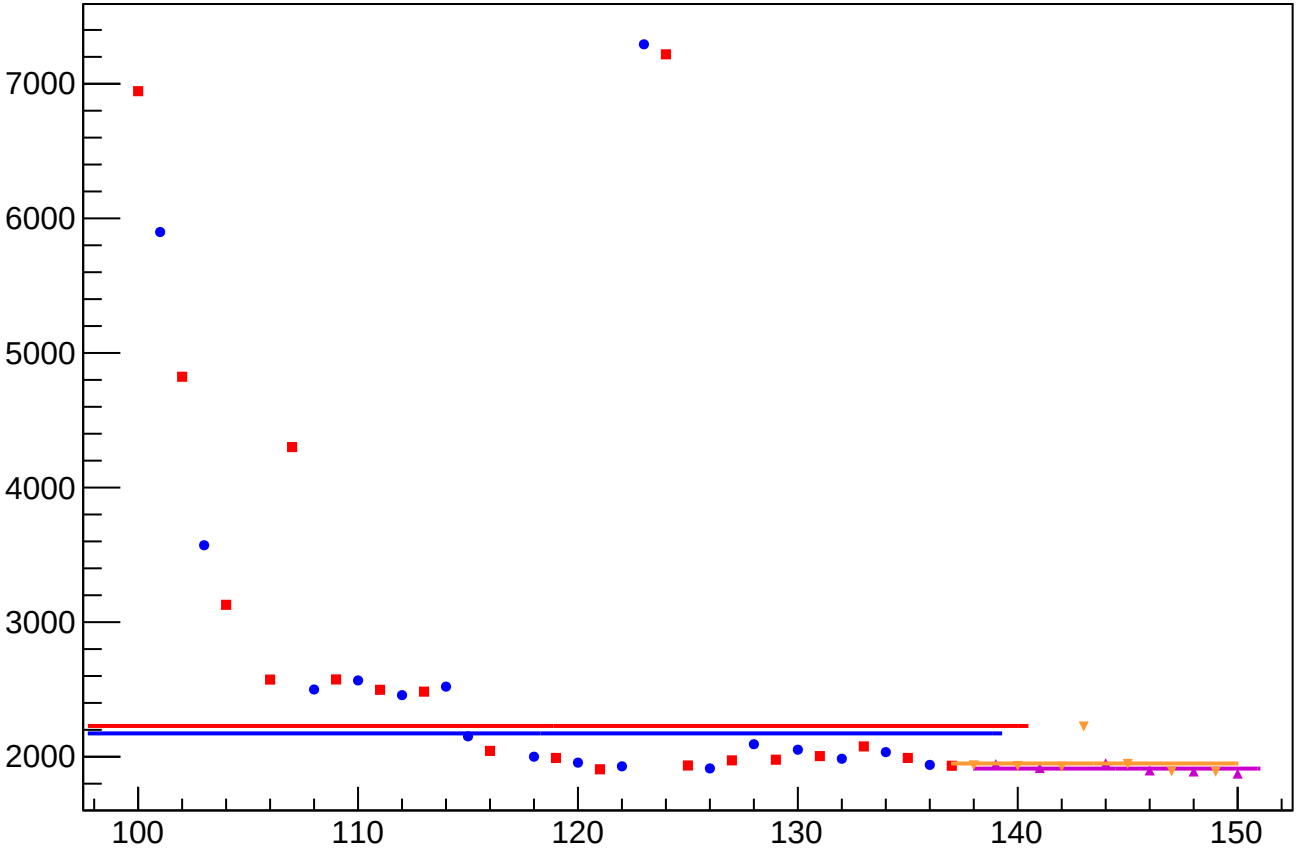
Left In: 1168.515+/-858.680 χ^2/NDF:13.6/5

+ sign -676.431+/-616.373 χ^2/NDF: 26.1/23

All: 239.340+/-433.626 χ^2/NDF: 60.9/48

- sign 1136.729+/-610.155 χ^2/NDF: 30.5/24

asym_at1_dd_rms vs Slug



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

Left Out: 1950.035+/-0.621 χ^2/NDF:23467.0/6

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

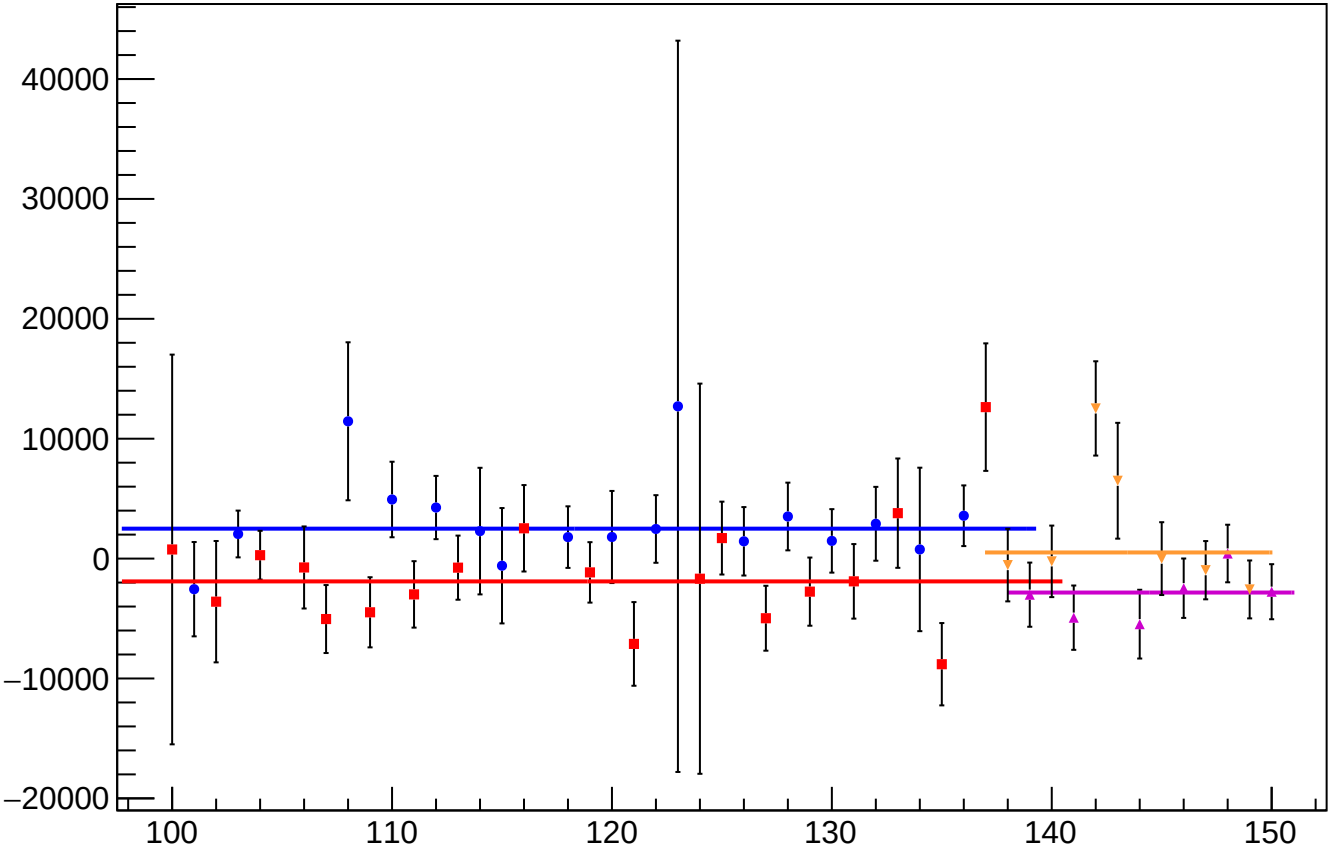
Left In: 1912.092+/-0.607 χ^2/NDF:2169.8/5

+ sign 2063.475+/-0.436 χ^2/NDF: 894550.1/23

All: 2066.233+/-0.307 χ^2/NDF: 1927441.4/48

- sign 2068.936+/-0.431 χ^2/NDF: 1032812.0/24

dit_asym_at2_avg_mean vs Slug



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

Left Out: 511.375+/-1133.594 χ^2/NDF:13.1/6

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

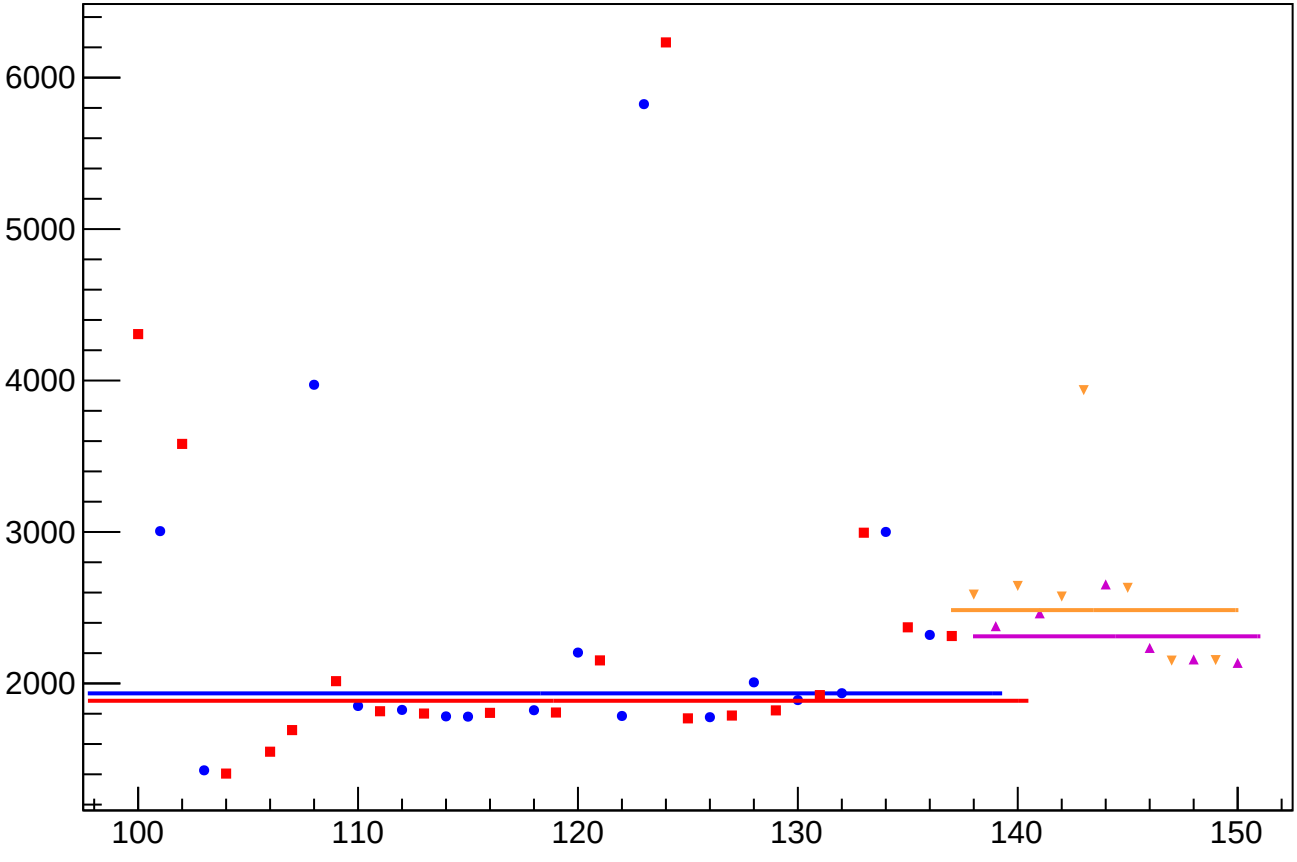
Left In: -2832.037+/-1039.088 χ^2/NDF:3.3/5

+ sign 1871.733+/-635.987 χ^2/NDF: 21.1/23

All: -286.400+/-436.828 χ^2/NDF: 70.2/48

- sign -2213.809+/-601.030 χ^2/NDF: 27.3/24

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2484.138+/-0.802 χ^2/NDF:269542.9/6

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

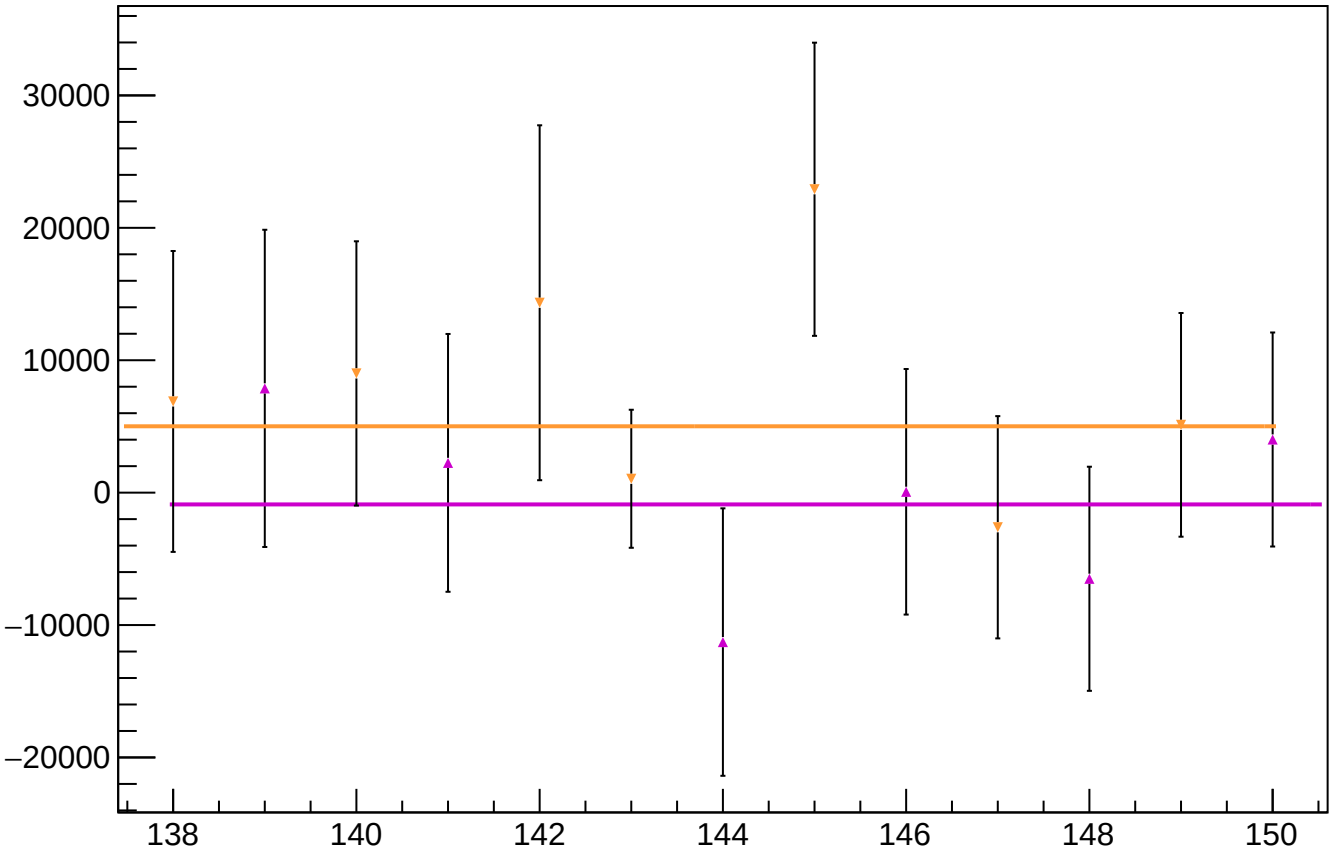
Left In: 2311.080+/-0.735 χ^2/NDF:57865.8/5

+ sign 2107.439+/-0.450 χ^2/NDF: 1230764.7/23

All: 2065.410+/-0.309 χ^2/NDF: 2280482.9/48

- sign 2027.883+/-0.425 χ^2/NDF: 1033184.9/24

asym_at2_avg_correction_mean vs Slug



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

Left Out: 5011.032+/-3218.639 χ^2/NDF:4.7/6

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

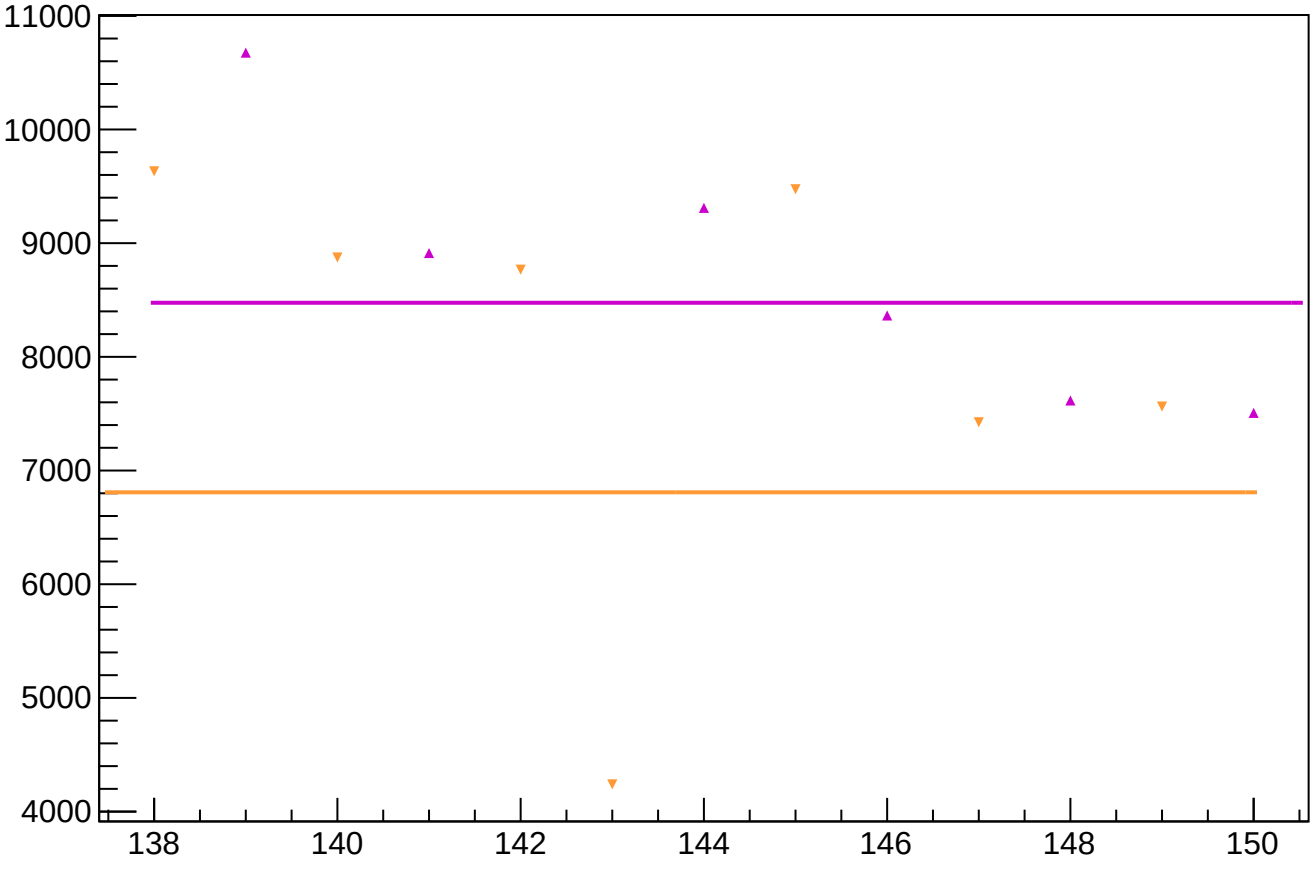
Left In: -889.552+/-3828.671 χ^2/NDF:2.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2567.710+/-2463.717 χ^2/NDF: 8.6/12

- 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: 6808.522+/-2.276 χ^2/NDF:880361.5/6

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

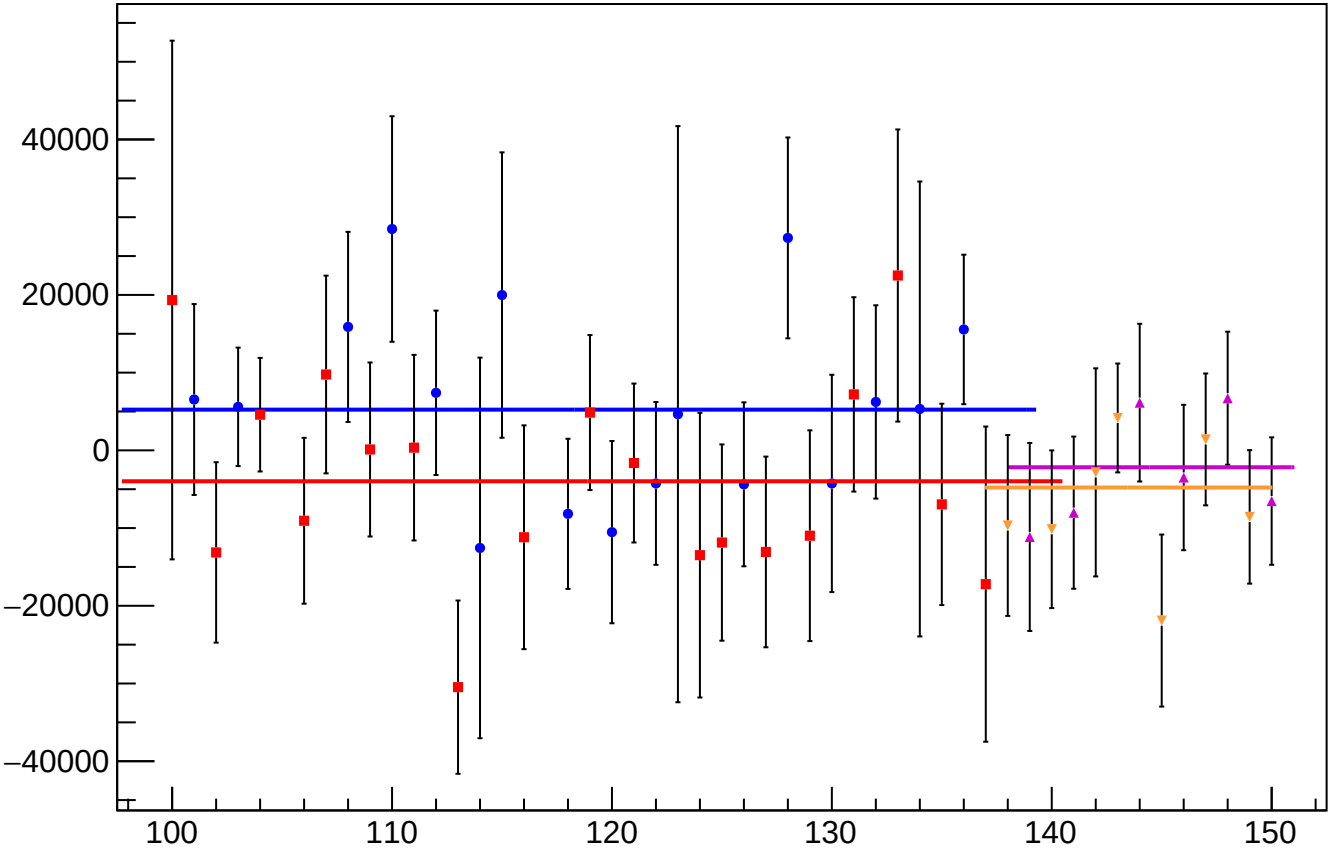
Left In: 8475.820+/-2.707 χ^2/NDF:134798.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7498.919+/-1.742 χ^2/NDF: 1237387.0/12

- 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: -4782.534+/-3565.375 χ^2/NDF:5.2/6

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

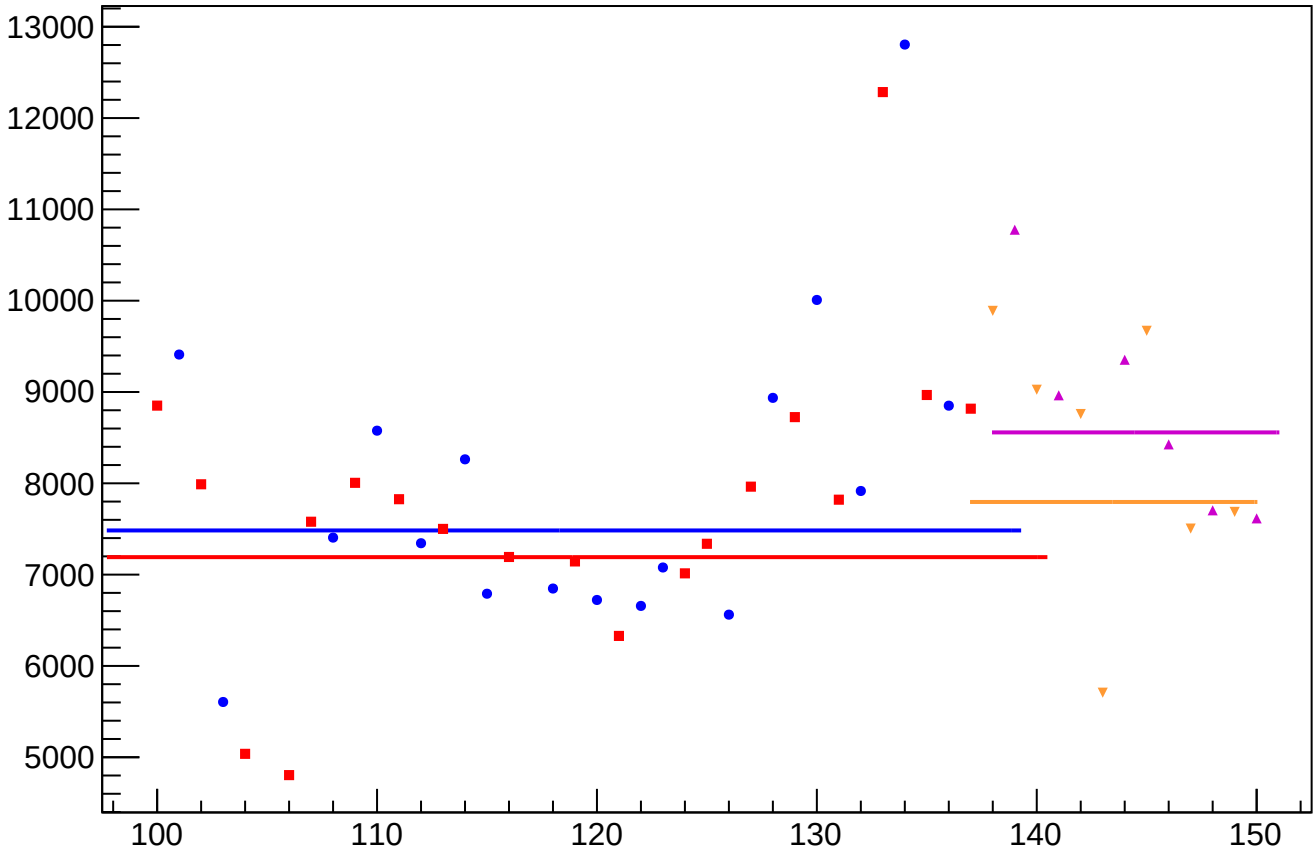
Left In: -2176.127+/-3865.284 χ^2/NDF:3.0/5

+ sign 1172.420+/-2271.113 χ^2/NDF: 24.4/23

All: -1102.130+/-1602.852 χ^2/NDF: 45.1/48

- sign -3359.386+/-2262.462 χ^2/NDF: 18.7/24

asym_at2_avg_rms vs Slug



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

Left Out: 7795.672+/-2.521 χ^2/NDF:342225.1/6

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

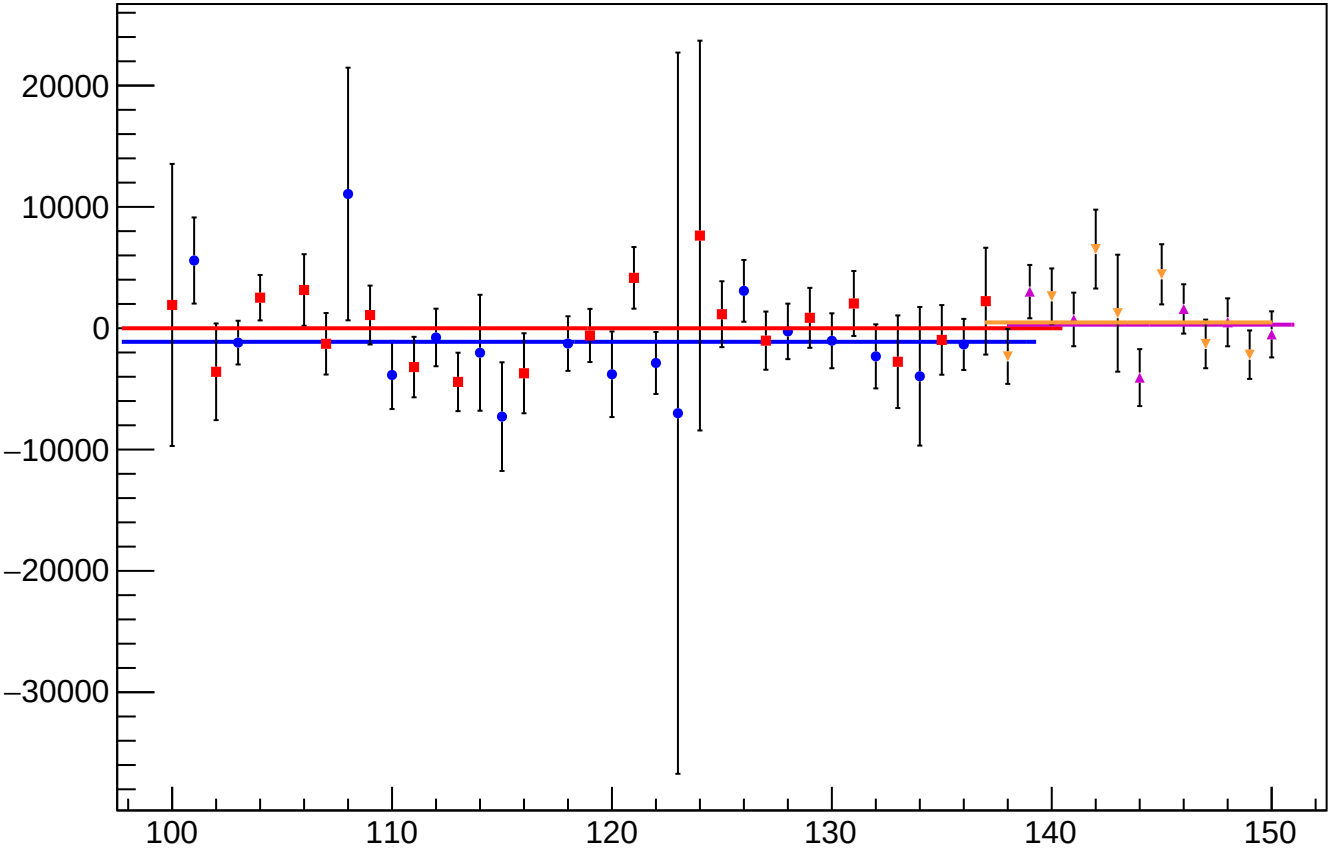
Left In: 8557.491+/-2.733 χ^2/NDF:129752.2/5

+ sign 7610.332+/-1.606 χ^2/NDF: 783125.9/23

All: 7634.957+/-1.133 χ^2/NDF: 1636330.7/48

- sign 7659.391+/-1.600 χ^2/NDF: 852736.3/24

dit_asym_at2_dd_mean vs Slug



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

Left Out: 477.524+/-918.843 χ^2/NDF:11.0/6

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

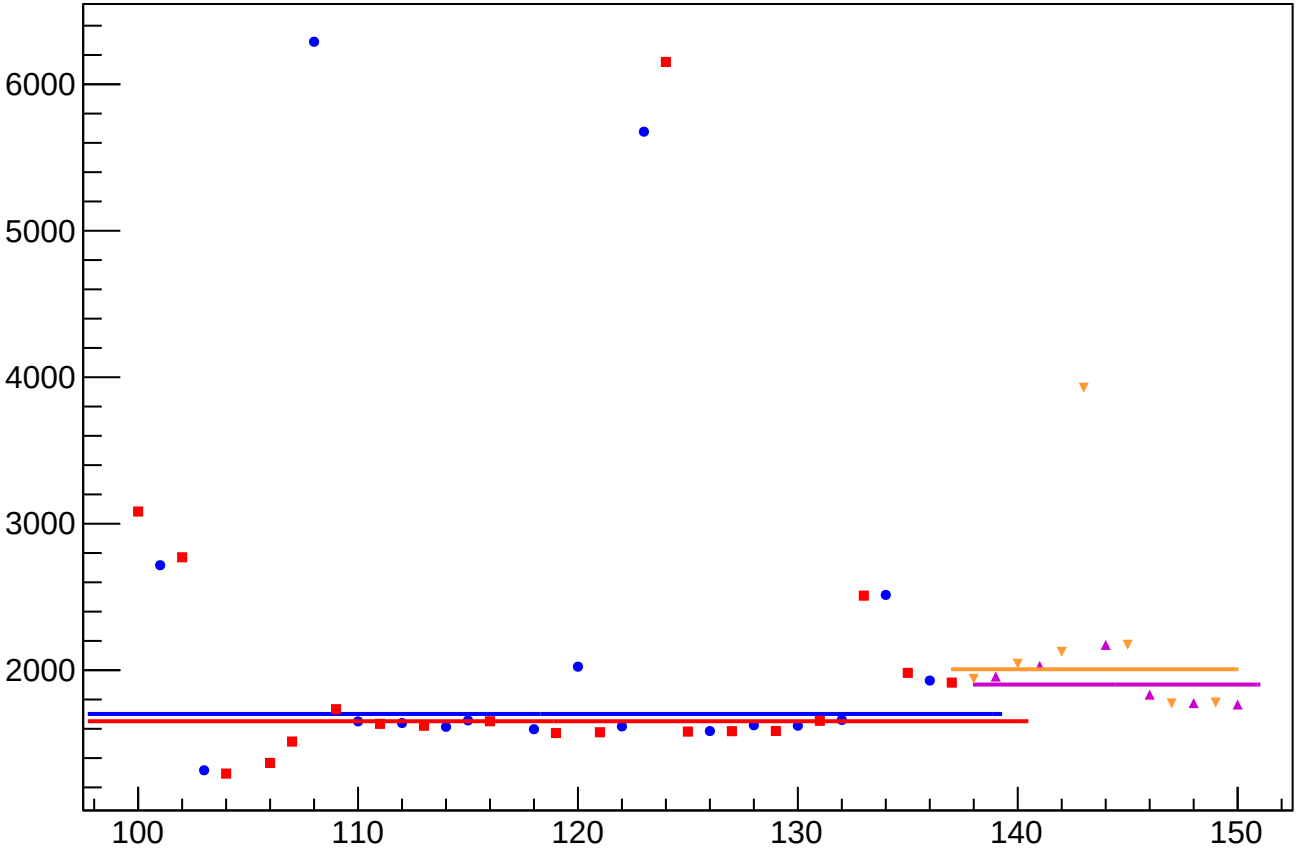
Left In: 293.387+/-854.667 χ^2/NDF:5.6/5

+ sign -555.897+/-546.161 χ^2/NDF: 25.2/23

All: -204.890+/-373.579 χ^2/NDF: 47.2/48

- sign 103.728+/-512.122 χ^2/NDF: 21.2/24

dit_asym_at2_dd_rms vs Slug



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

Left Out: 2006.443+/-0.650 χ^2/NDF:385060.3/6

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

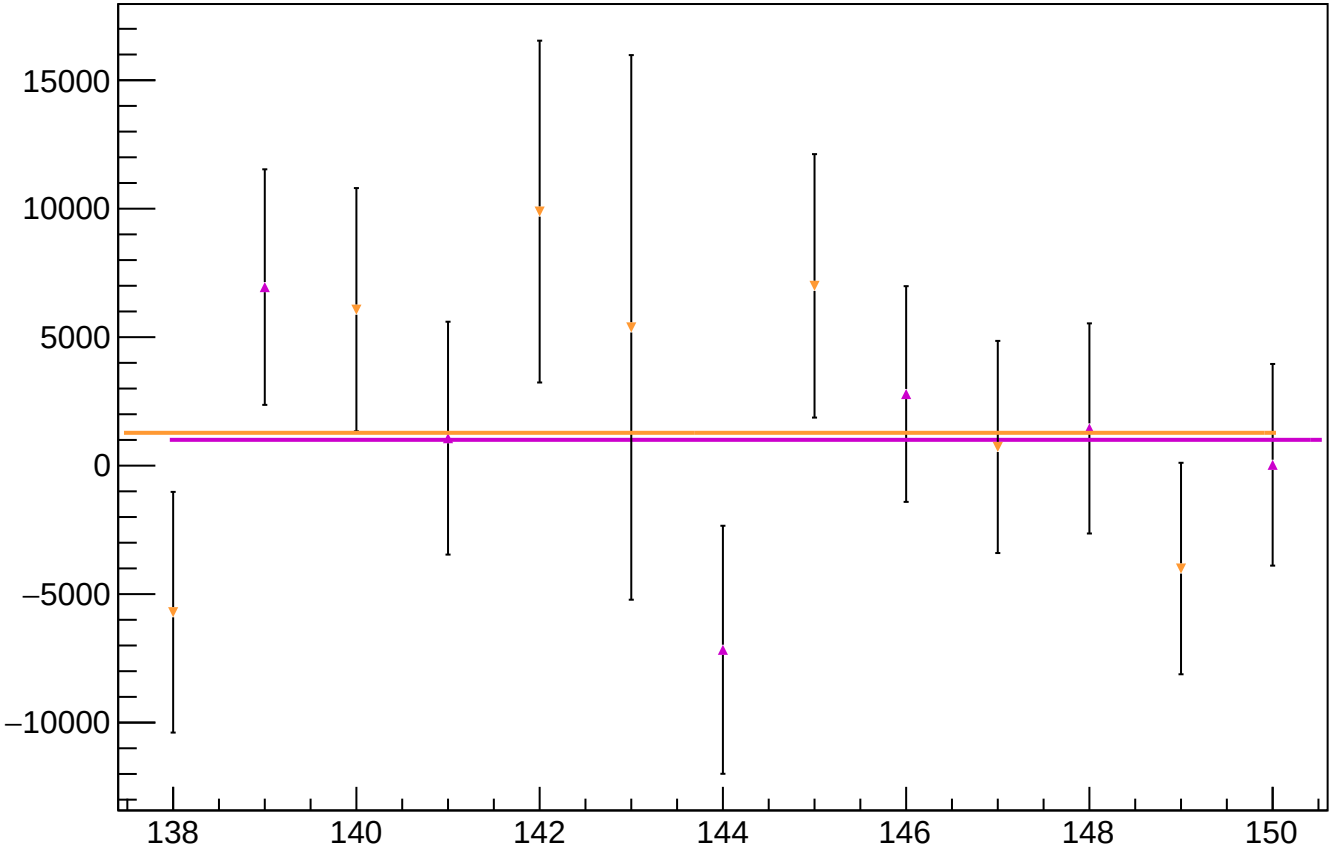
Left In: 1902.101+/-0.604 χ^2/NDF:55325.5/5

+ sign 1809.099+/-0.386 χ^2/NDF: 1306438.2/23

All: 1773.196+/-0.264 χ^2/NDF: 2076853.8/48

- sign 1741.628+/-0.362 χ^2/NDF: 754173.2/24

asym_at2_dd_correction_mean vs Slug



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

Left Out: 1277.277+/-1898.285 χ^2/NDF:8.0/6

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

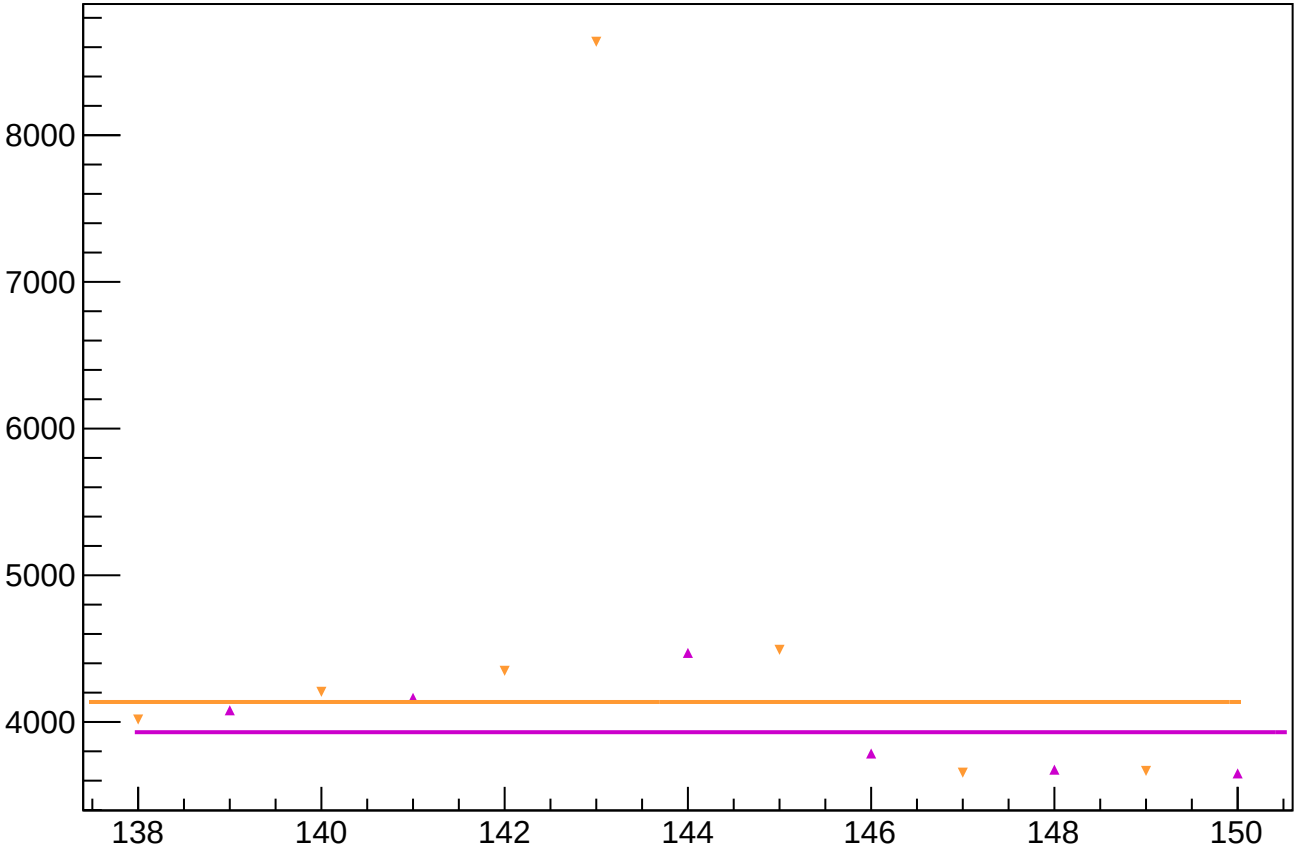
Left In: 1004.013+/-1765.818 χ^2/NDF:4.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1130.779+/-1292.918 χ^2/NDF: 12.8/12

- 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: 4136.313+/-1.342 χ^2/NDF:427406.9/6

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

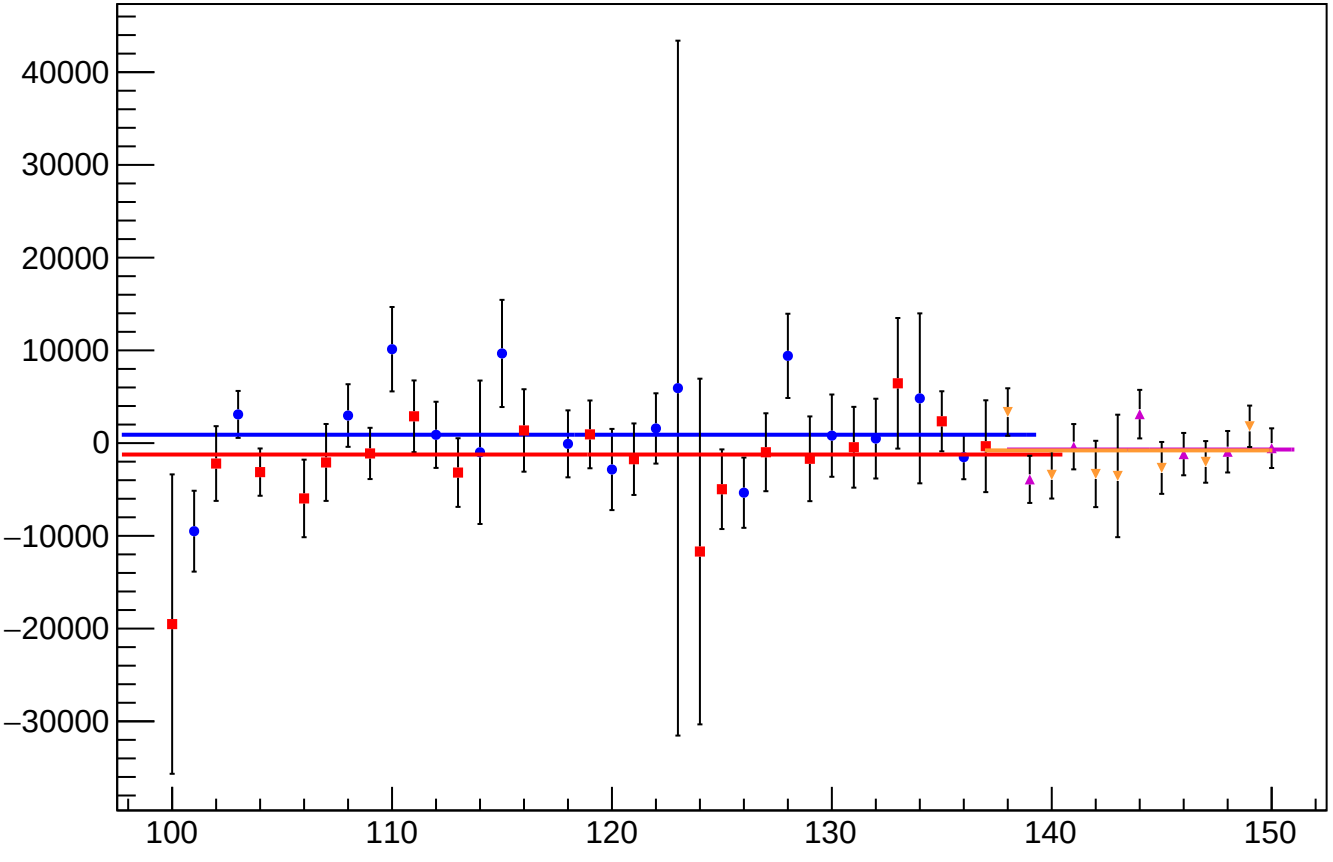
Left In: 3930.329+/-1.249 χ^2/NDF:52995.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4025.883+/-0.914 χ^2/NDF: 493027.6/12

- 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: -785.613+/-1035.063 χ^2/NDF:6.5/6

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

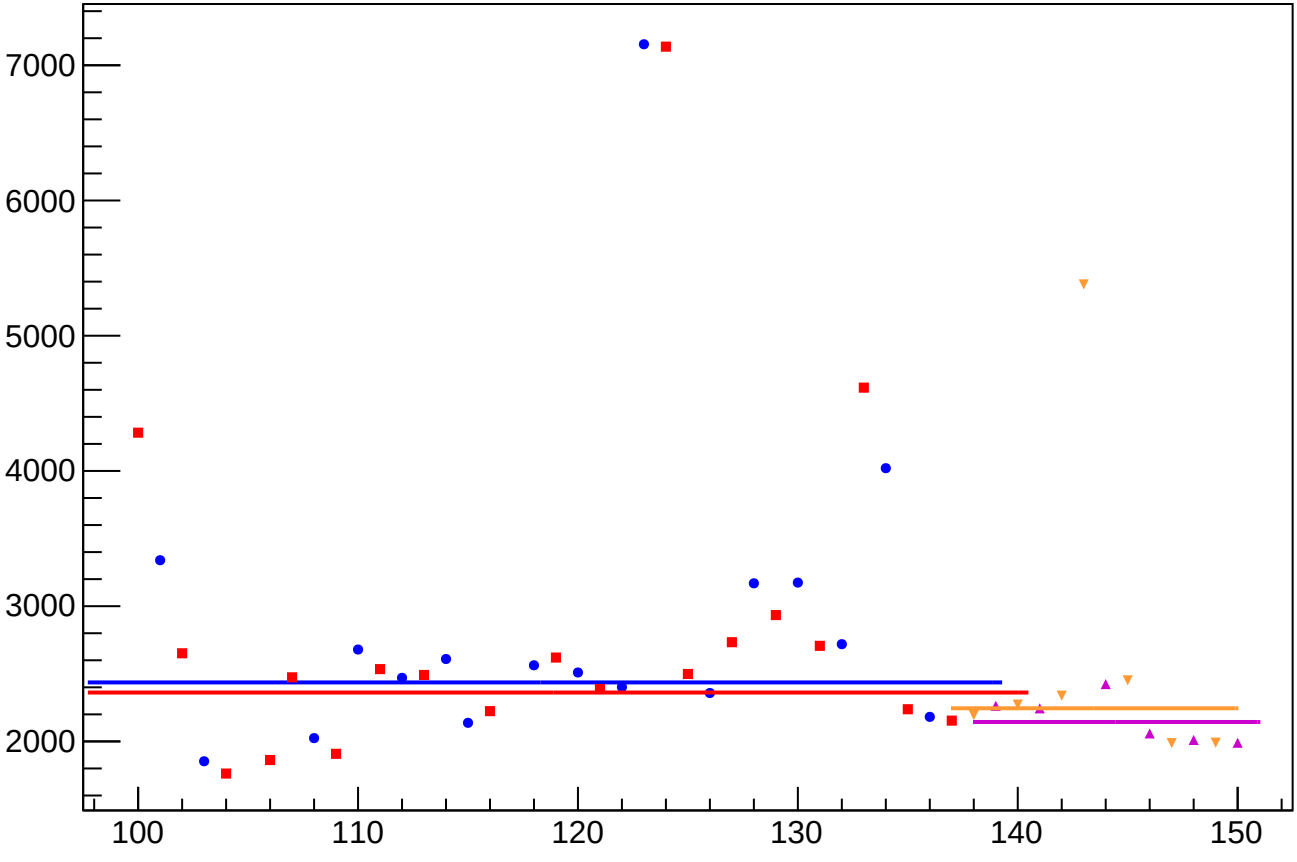
Left In: -691.773+/-963.039 χ^2/NDF:3.8/5

+ sign 120.608+/-704.620 χ^2/NDF: 29.5/23

All: -455.666+/-484.443 χ^2/NDF: 43.6/48

- sign -972.245+/-667.127 χ^2/NDF: 12.9/24

asym_at2_dd_rms vs Slug



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

Left Out: 2244.978+/-0.732 χ^2/NDF:516153.9/6

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

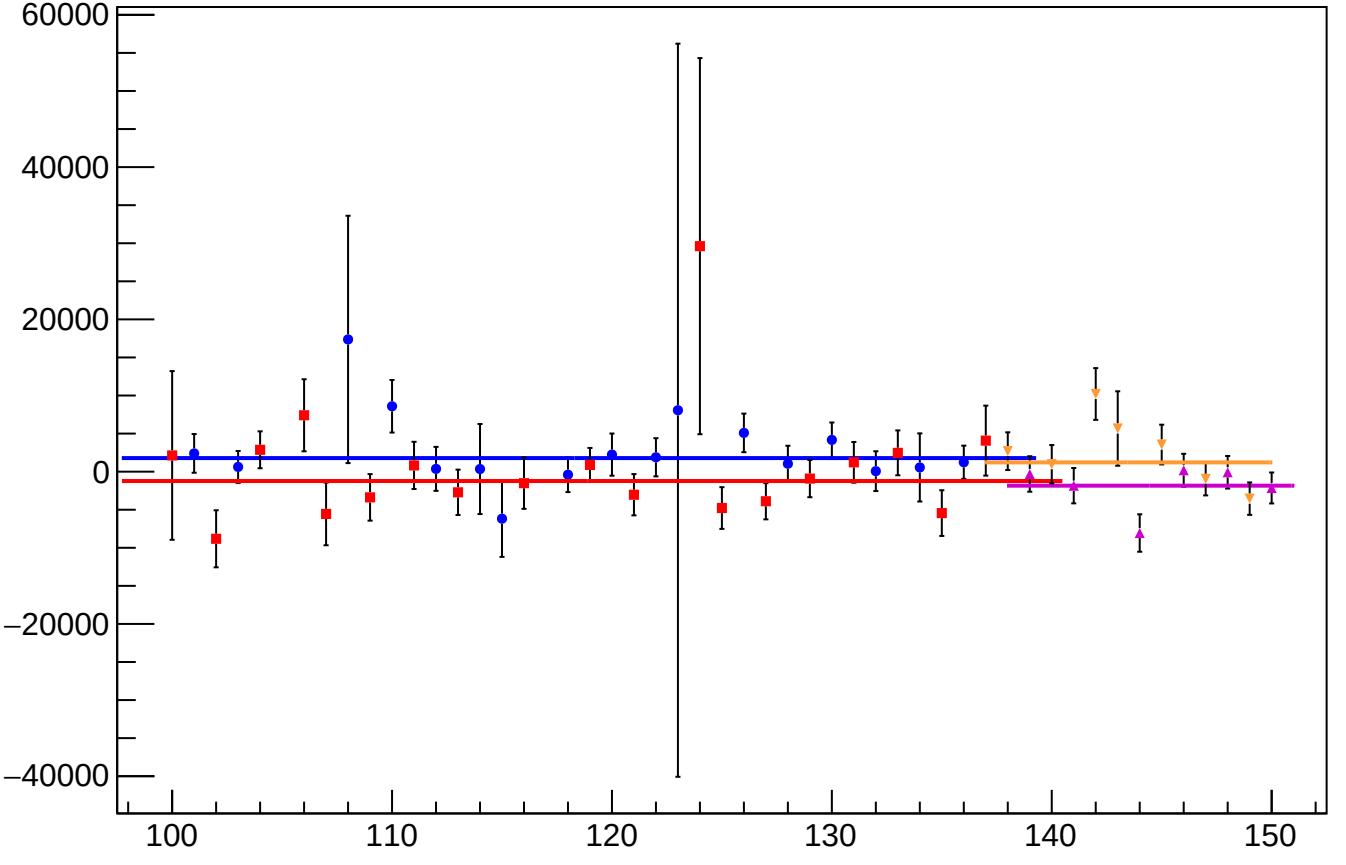
Left In: 2143.705+/-0.681 χ^2/NDF:50851.3/5

+ sign 2347.614+/-0.498 χ^2/NDF: 1021355.3/23

All: 2299.841+/-0.343 χ^2/NDF: 1798720.4/48

- sign 2257.016+/-0.472 χ^2/NDF: 759930.0/24

dit_asym_atl_avg_mean vs Slug



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

Left Out: 1215.539+/-985.430 χ^2/NDF:15.0/6

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

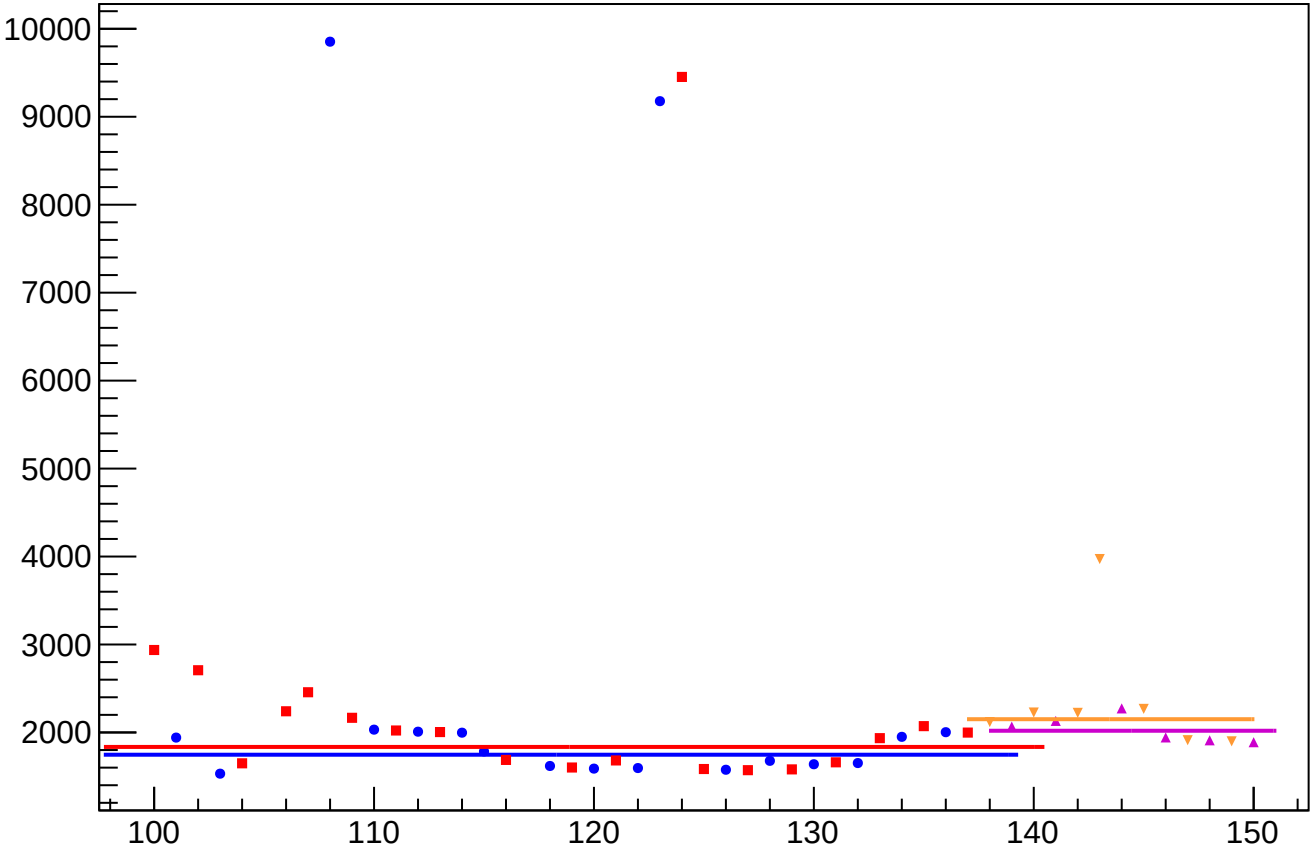
Left In: -1840.419+/-908.795 χ^2/NDF:8.4/5

+ sign 1595.053+/-567.629 χ^2/NDF: 27.6/23

All: 42.912+/-398.139 χ^2/NDF: 75.3/48

- sign -1460.170+/-558.587 χ^2/NDF: 32.9/24

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2150.685+/-0.697 χ^2/NDF:336773.7/6

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

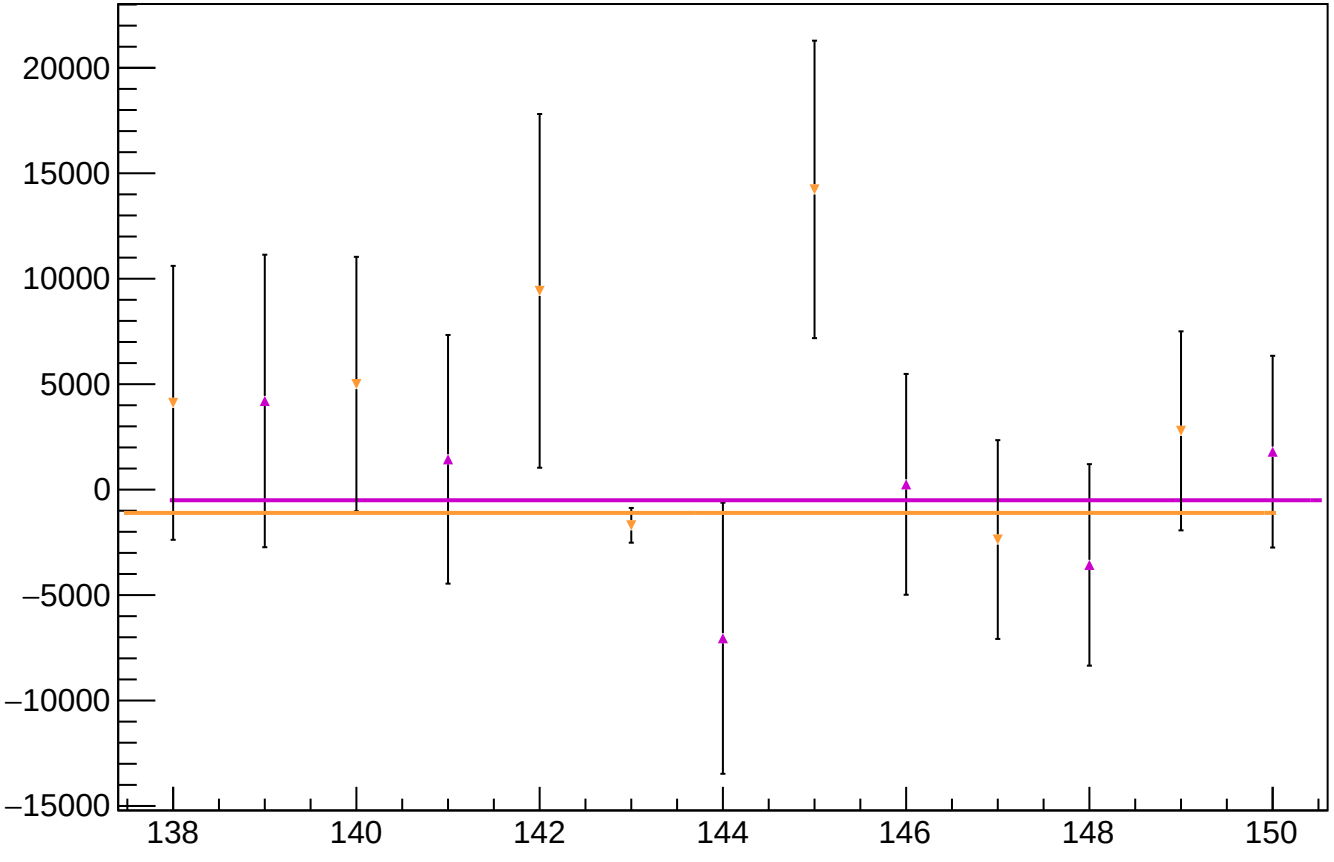
Left In: 2019.360+/-0.643 χ^2/NDF:42709.6/5

+ sign 1880.833+/-0.401 χ^2/NDF: 1243708.8/23

All: 1893.019+/-0.281 χ^2/NDF: 1889662.8/48

- sign 1904.803+/-0.395 χ^2/NDF: 644140.9/24

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1103.048+/-779.176 χ^2/NDF:9.2/6

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

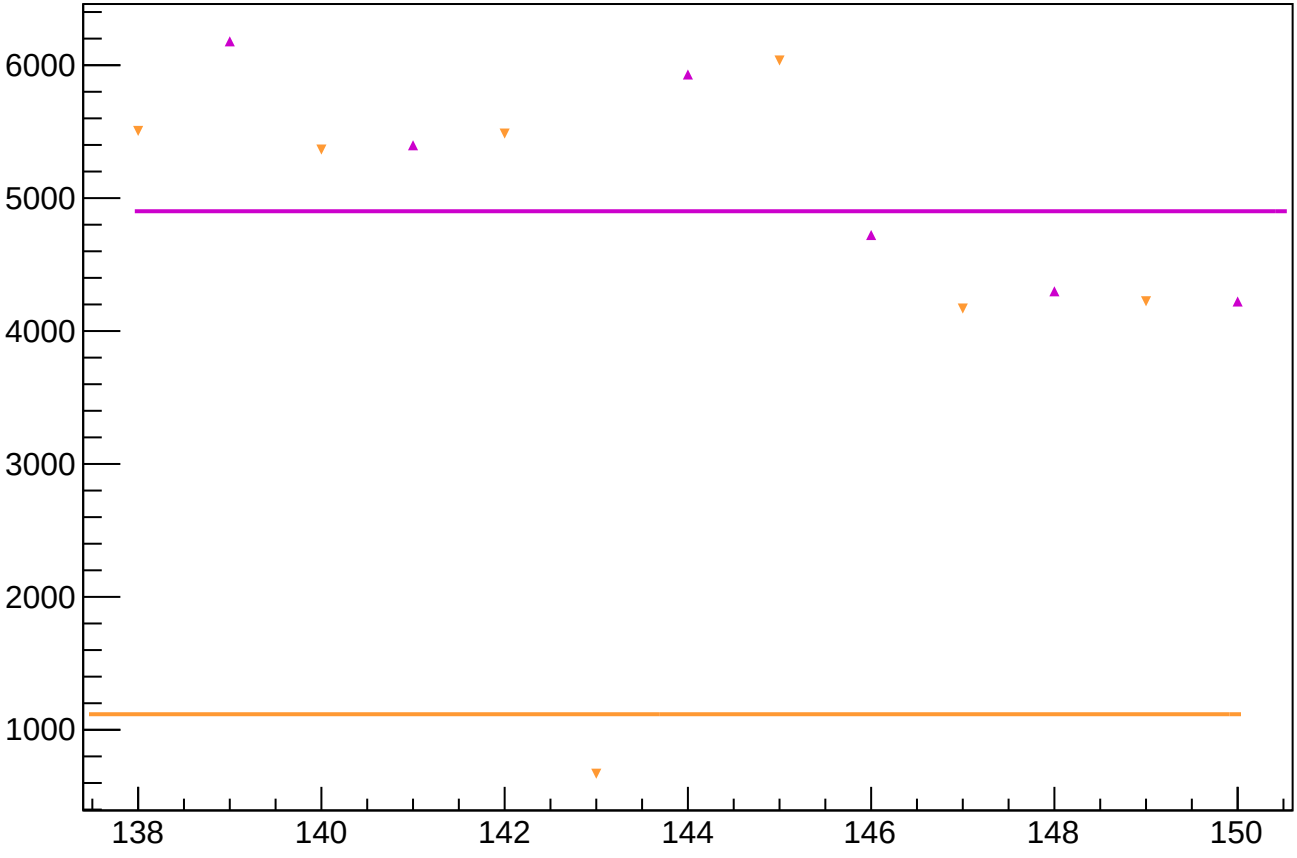
Left In: -503.418+/-2222.464 χ^2/NDF:2.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1037.412+/-735.296 χ^2/NDF: 11.6/12

- 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: 1117.300+/-0.551 χ^2/NDF:5715303.8/6

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

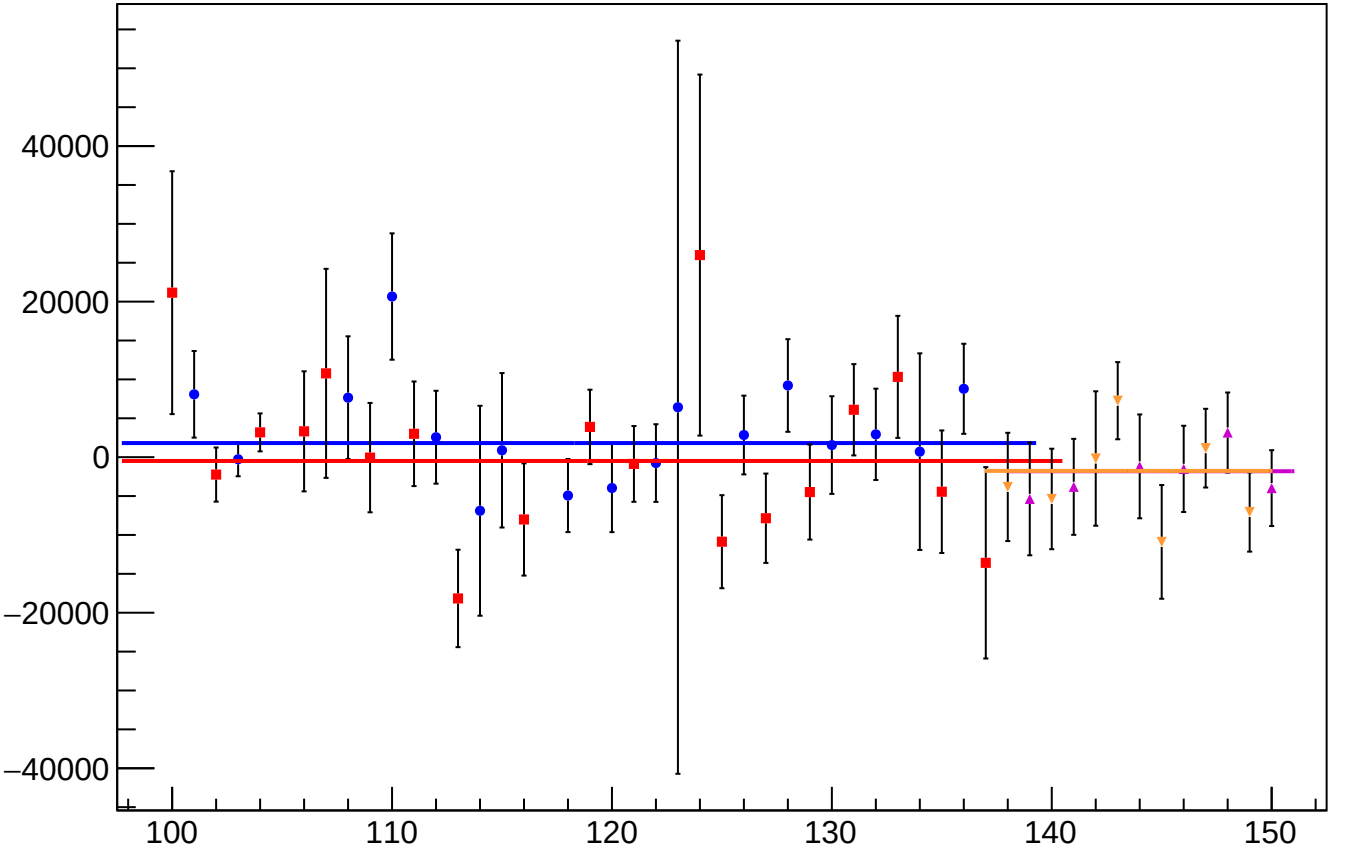
Left In: 4901.272+/-1.572 χ^2/NDF:212096.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1531.493+/-0.520 χ^2/NDF: 11090492.6/1

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: -1767.845+/-2265.319 χ^2/NDF:6.7/6

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

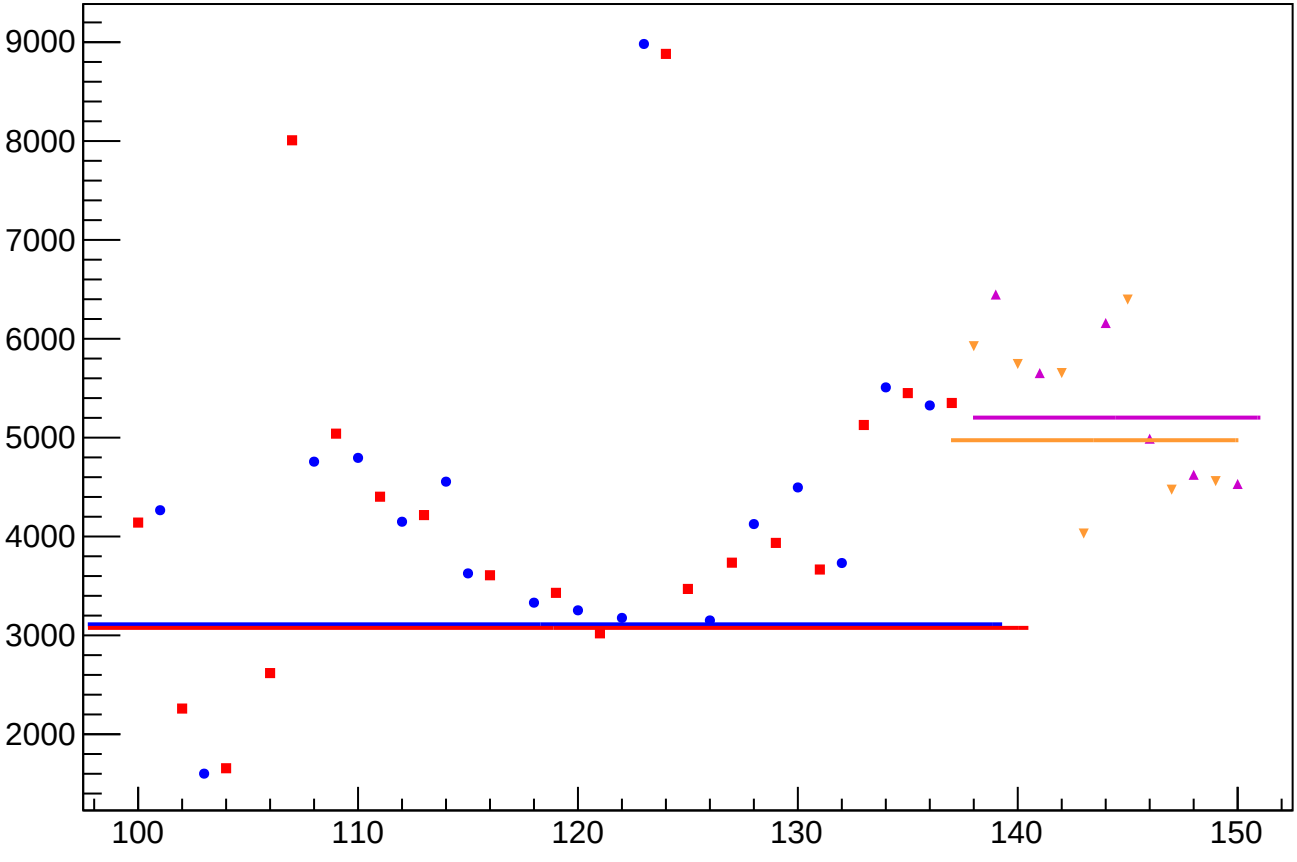
Left In: -1807.887+/-2356.725 χ^2/NDF:1.5/5

+ sign 925.488+/-1128.384 χ^2/NDF: 23.6/23

All: 67.582+/-798.077 χ^2/NDF: 53.0/48

- sign -791.139+/-1128.920 χ^2/NDF: 28.2/24

asym_atl_avg_rms vs Slug



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

Left Out: 4973.821+/-1.602 χ^2/NDF:259025.0/6

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

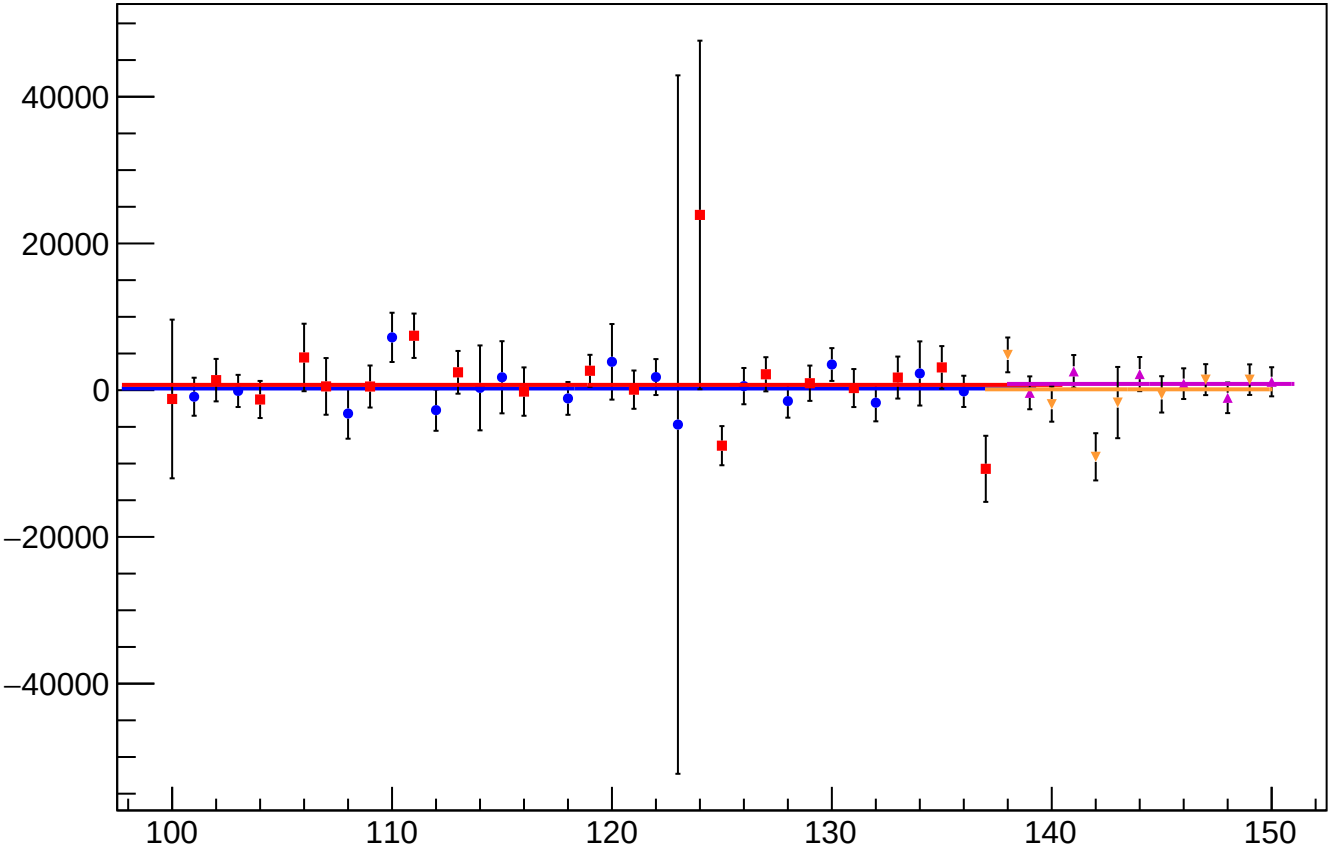
Left In: 5202.638+/-1.666 χ^2/NDF:176794.6/5

+ sign 3573.613+/-0.798 χ^2/NDF: 3154275.0/23

All: 3563.169+/-0.561 χ^2/NDF: 6604390.1/48

- sign 3552.947+/-0.789 χ^2/NDF: 3449776.0/24

dit_asym_atl_dd_mean vs Slug



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

Left Out: 119.735+/-948.710 χ^2/NDF:13.8/6

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

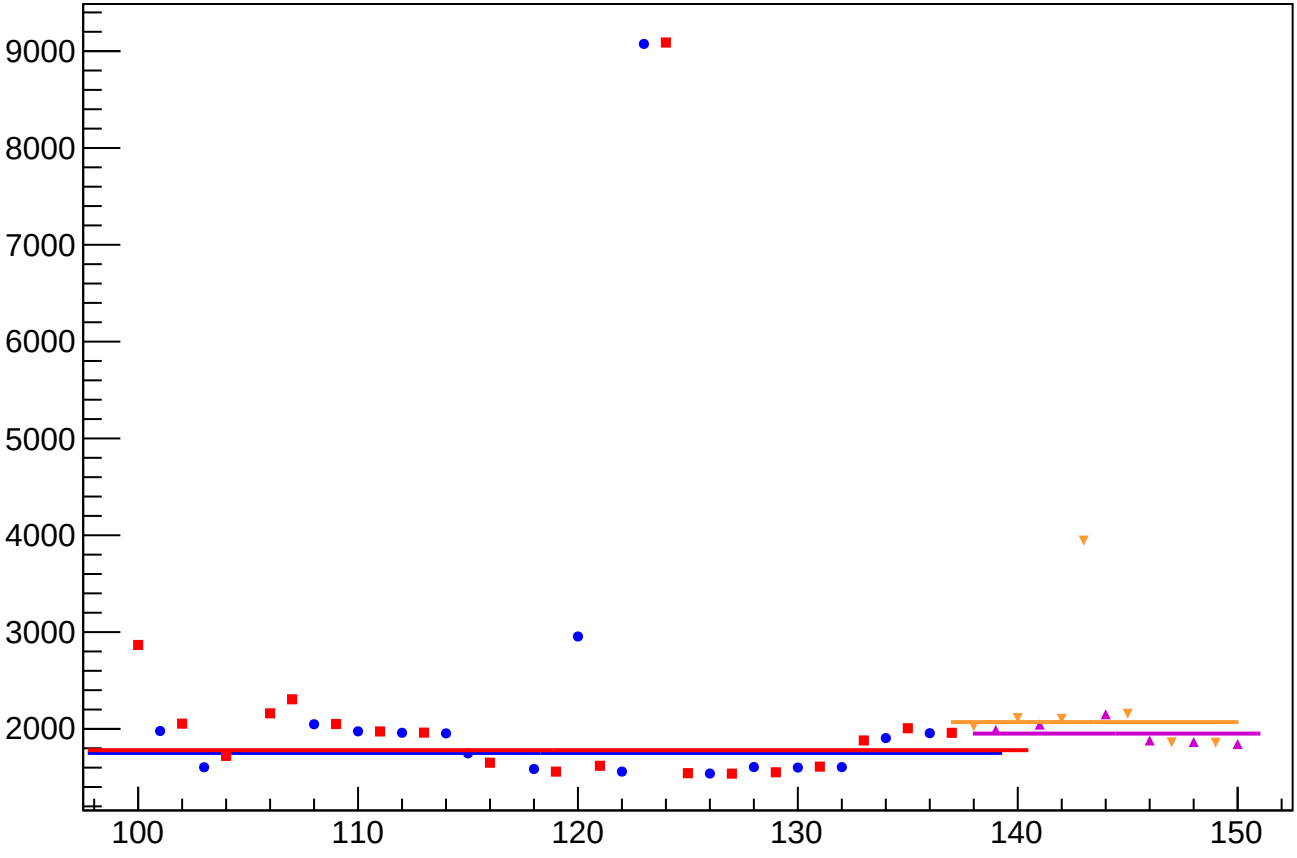
Left In: 853.906+/-877.638 χ^2/NDF:2.1/5

+ sign 193.609+/-556.316 χ^2/NDF: 25.4/23

All: 492.895+/-387.325 χ^2/NDF: 53.8/48

- sign 774.454+/-539.588 χ^2/NDF: 27.9/24

dit_asym_atl_dd_rms vs Slug



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

Left Out: 2070.615+/-0.671 χ^2/NDF:342516.6/6

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

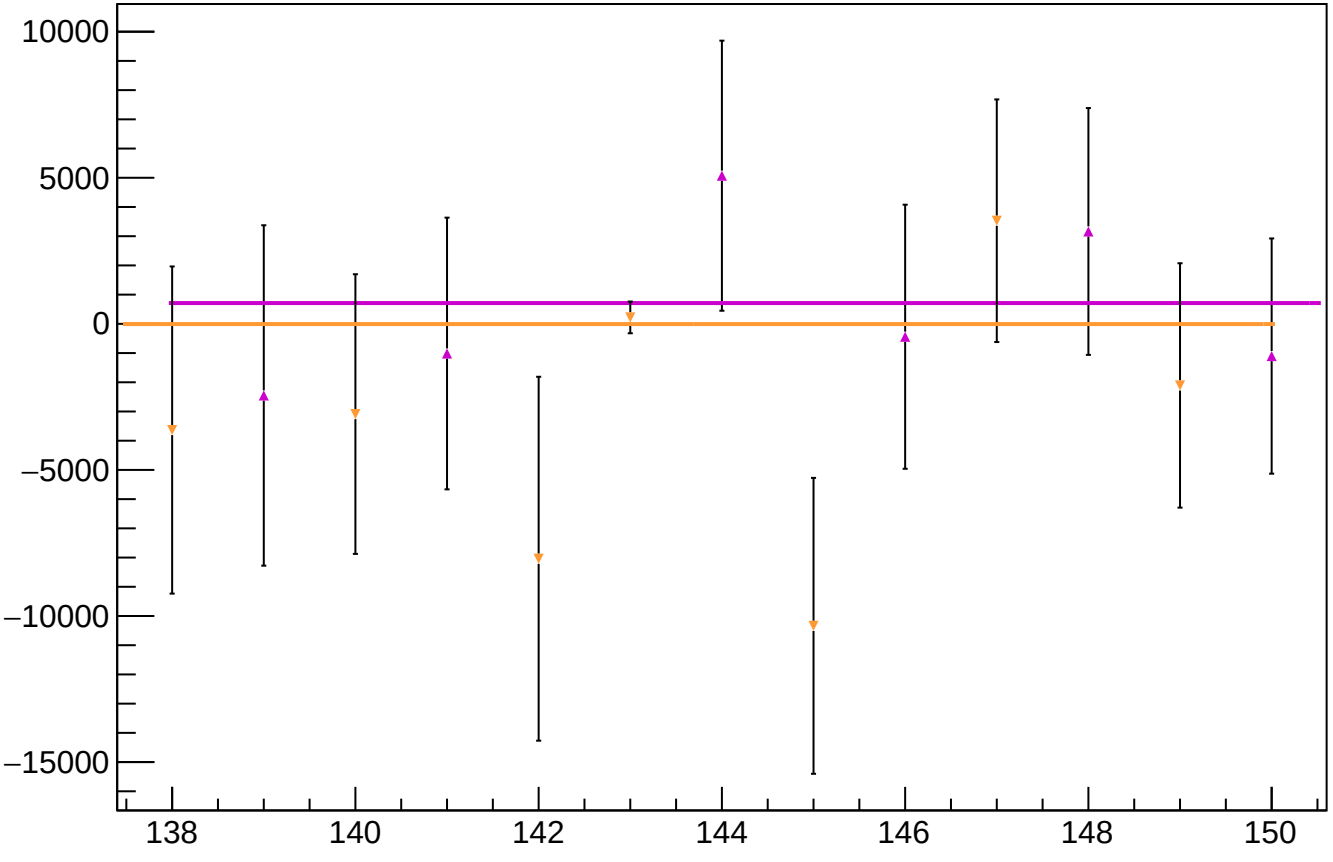
Left In: 1951.749+/-0.621 χ^2/NDF:30482.7/5

+ sign 1861.459+/-0.393 χ^2/NDF: 791565.4/23

All: 1852.931+/-0.274 χ^2/NDF: 1298868.6/48

- sign 1844.923+/-0.381 χ^2/NDF: 506391.9/24

asym_atl_dd_correction_mean vs Slug



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

Left Out: -8.040+/-523.569 χ^2/NDF:7.8/6

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

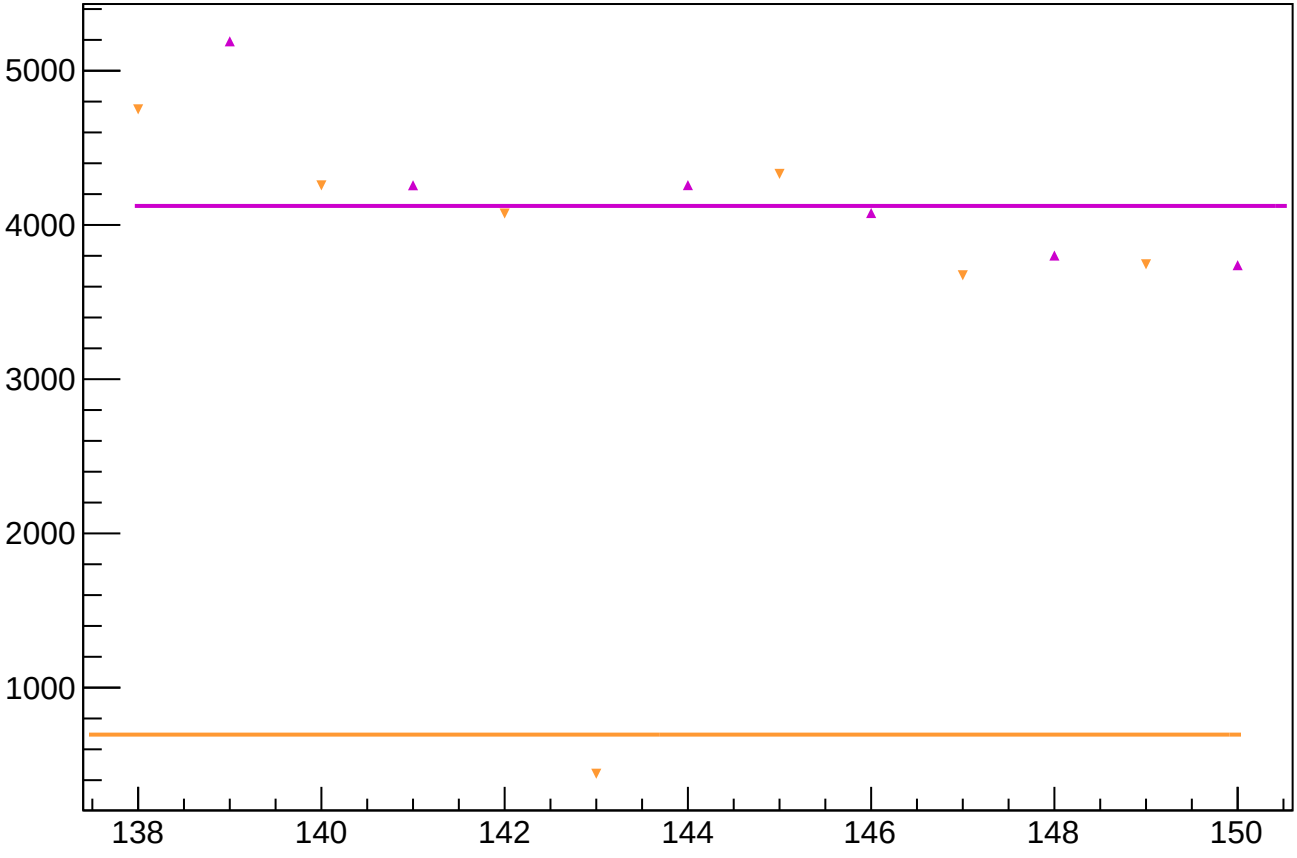
Left In: 711.372+/-1859.493 χ^2/NDF:1.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 44.804+/-503.973 χ^2/NDF: 9.9/12

- 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: 695.395+/-0.370 χ^2/NDF:6303825.3/6

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

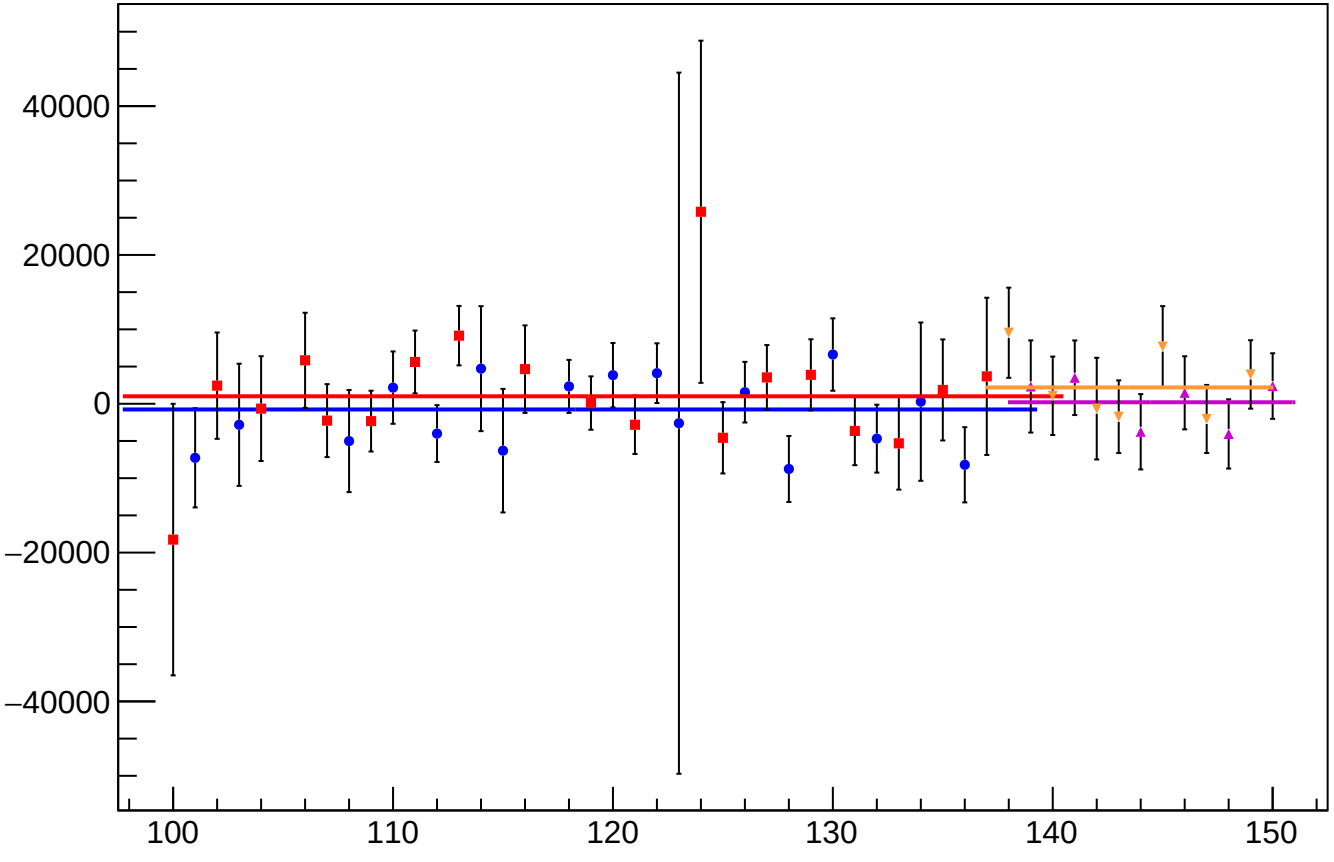
Left In: 4123.446+/-1.315 χ^2/NDF:100523.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 947.204+/-0.356 χ^2/NDF: 12702334.4/12

- 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: 2193.970+/-1978.406 χ^2/NDF:4.4/6

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

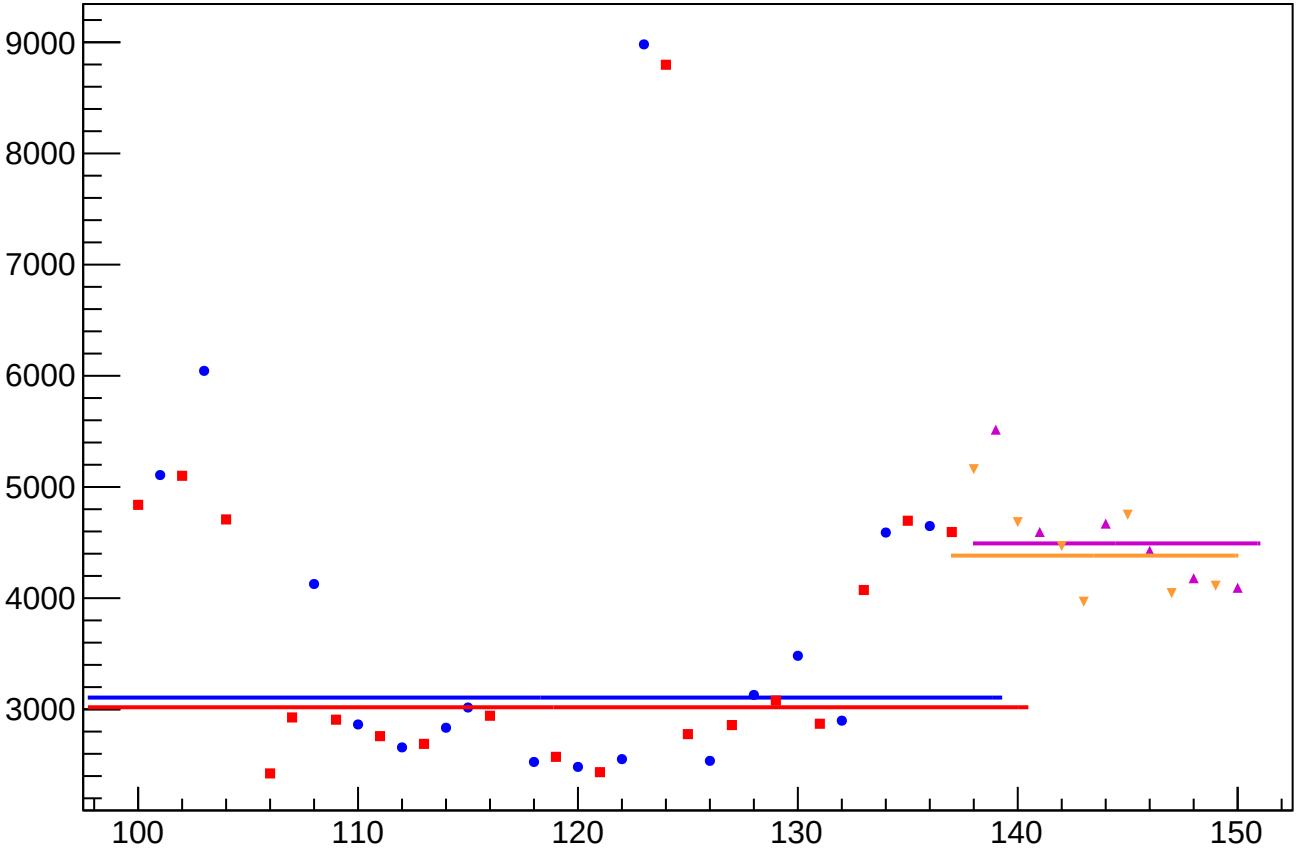
Left In: 201.434+/-2024.246 χ^2/NDF:2.3/5

+ sign 76.916+/-1055.357 χ^2/NDF: 21.5/23

All: 447.513+/-735.864 χ^2/NDF: 39.2/48

- sign 798.174+/-1026.579 χ^2/NDF: 17.4/24

asym_atl_dd_rms vs Slug



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

Left Out: 4382.818+/-1.399 χ^2/NDF:81105.6/6

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

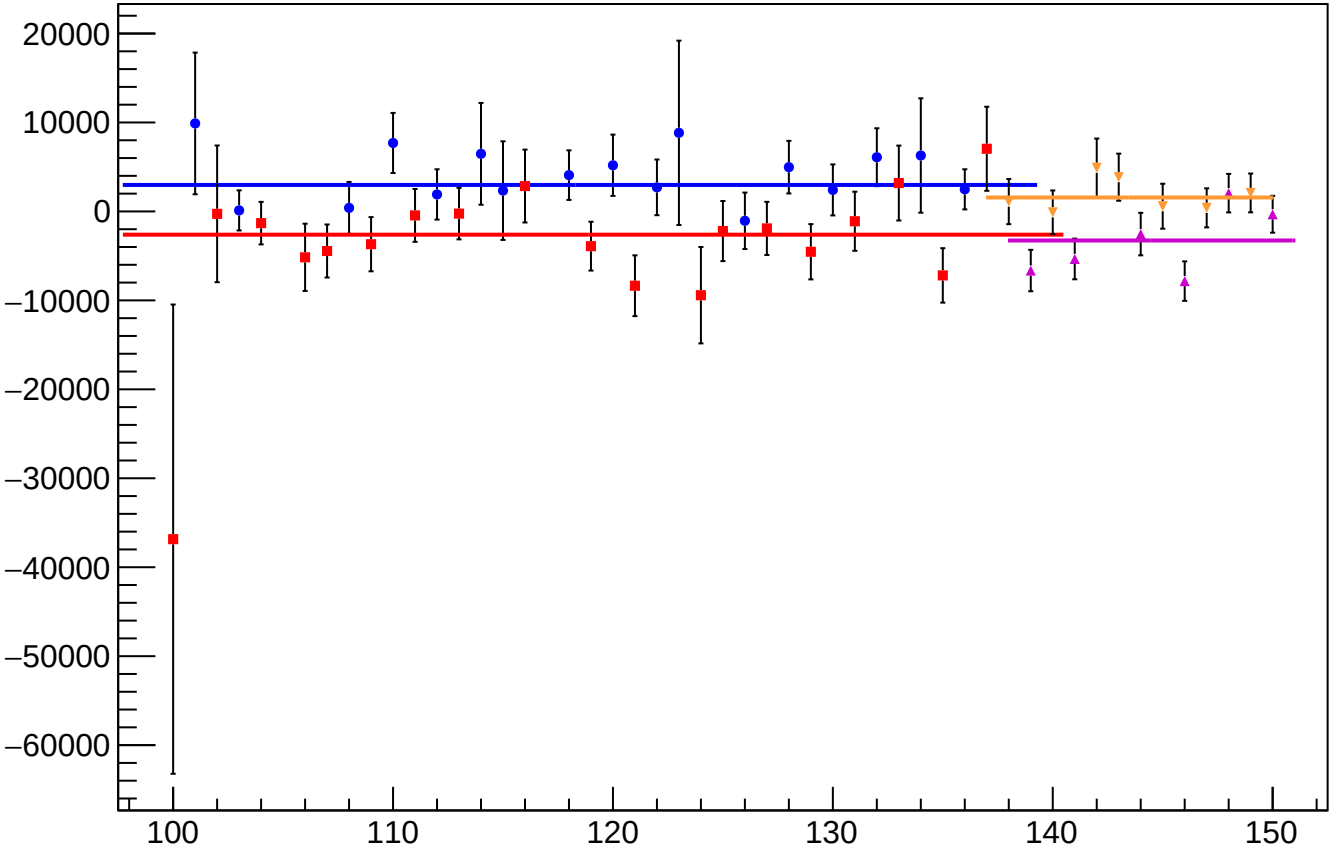
Left In: 4492.437+/-1.431 χ^2/NDF:83752.0/5

+ sign 3469.216+/-0.746 χ^2/NDF: 1637055.7/23

All: 3428.549+/-0.518 χ^2/NDF: 3313213.1/48

- sign 3390.781+/-0.719 χ^2/NDF: 1670429.5/24

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1566.828+/-940.813 χ^2/NDF:2.8/6

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

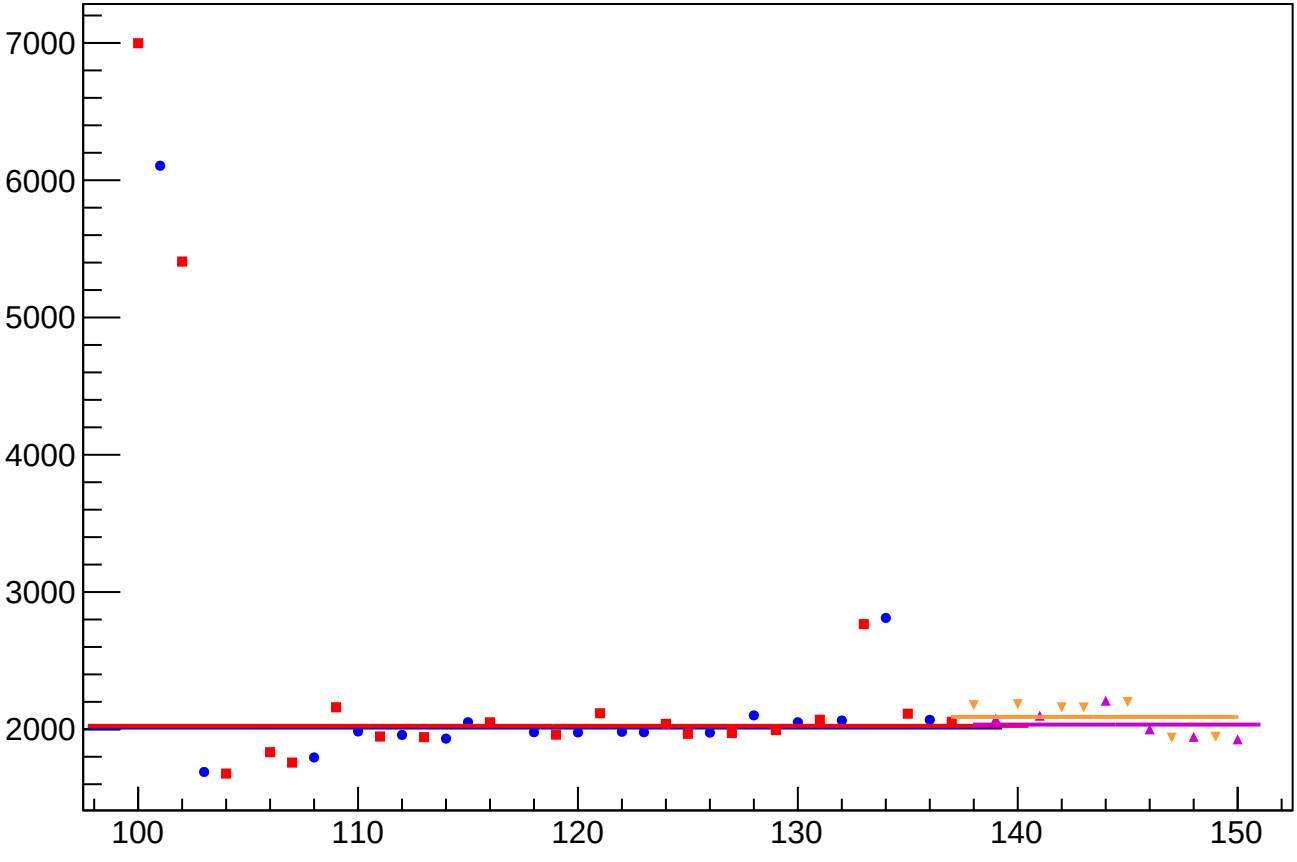
Left In: -3266.352+/-912.685 χ^2/NDF:15.3/5

+ sign 2390.042+/-607.411 χ^2/NDF: 13.9/23

All: -307.561+/-424.819 χ^2/NDF: 87.8/48

- sign -2890.599+/-594.373 χ^2/NDF: 35.2/24

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2090.170+/-0.665 χ^2/NDF:29316.4/6

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

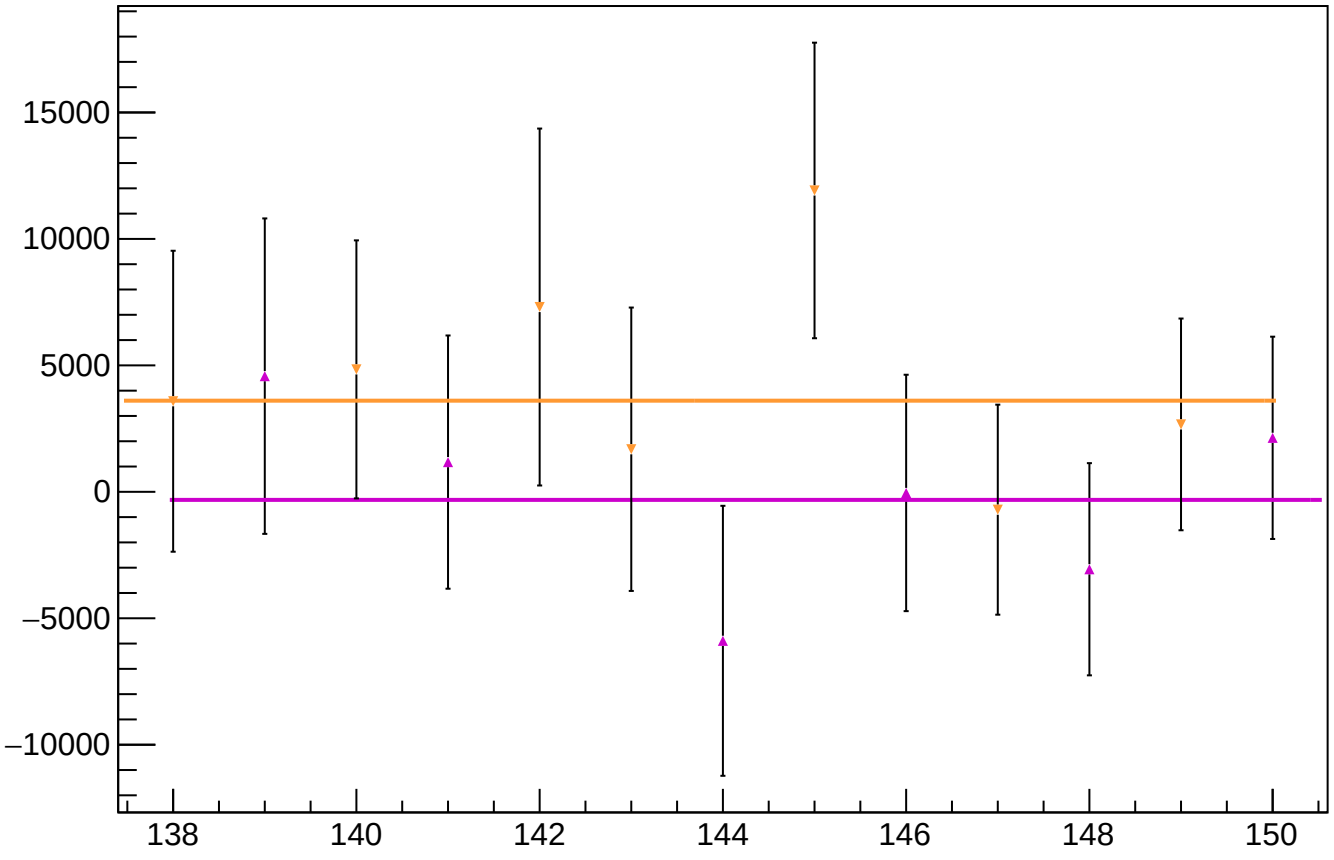
Left In: 2034.370+/-0.645 χ^2/NDF:22153.1/5

+ sign 2045.135+/-0.430 χ^2/NDF: 654882.3/23

All: 2036.897+/-0.300 χ^2/NDF: 1275297.5/48

- sign 2029.013+/-0.420 χ^2/NDF: 619695.3/24

asym_atr_avg_correction_mean vs Slug



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

Left Out: 3604.102+/-1950.046 χ^2/NDF:3.6/6

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

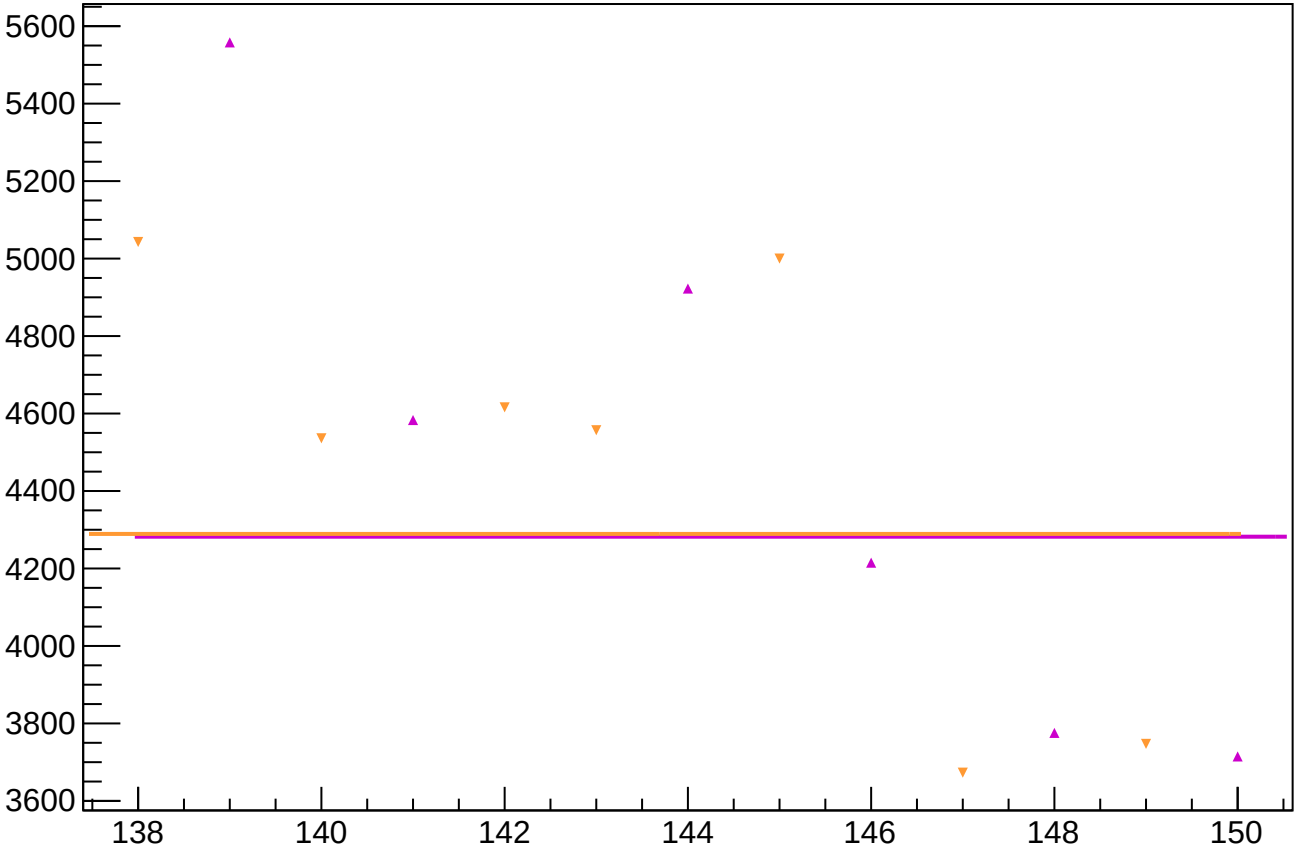
Left In: -318.654+/-1939.559 χ^2/NDF:2.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1632.148+/-1375.168 χ^2/NDF: 8.2/12

- 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: 4289.209+/-1.379 χ^2/NDF:152801.8/6

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

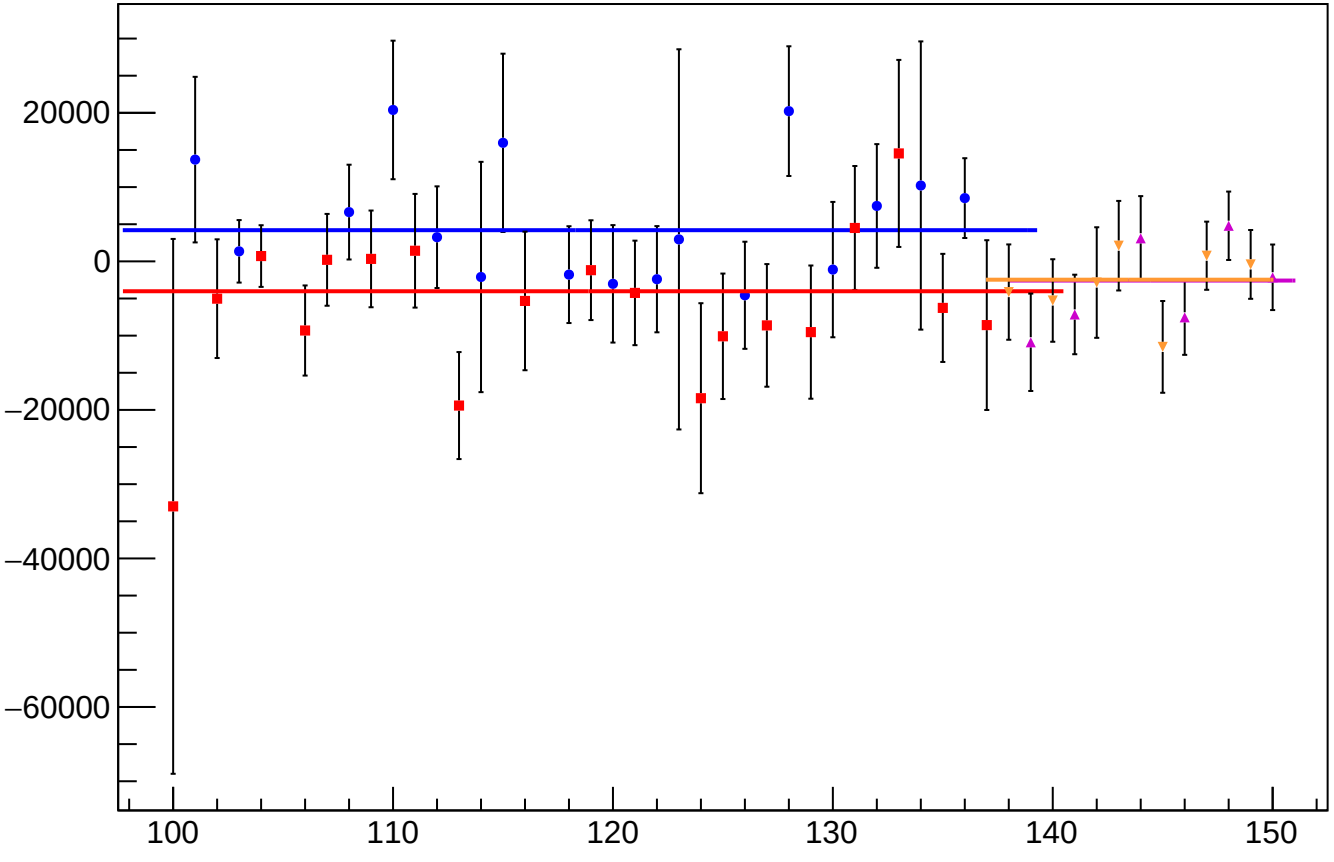
Left In: 4282.063+/-1.371 χ^2/NDF:189563.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4285.617+/-0.972 χ^2/NDF: 342378.6/12

- 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: -2468.411+/-2119.950 χ^2/NDF:3.7/6

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

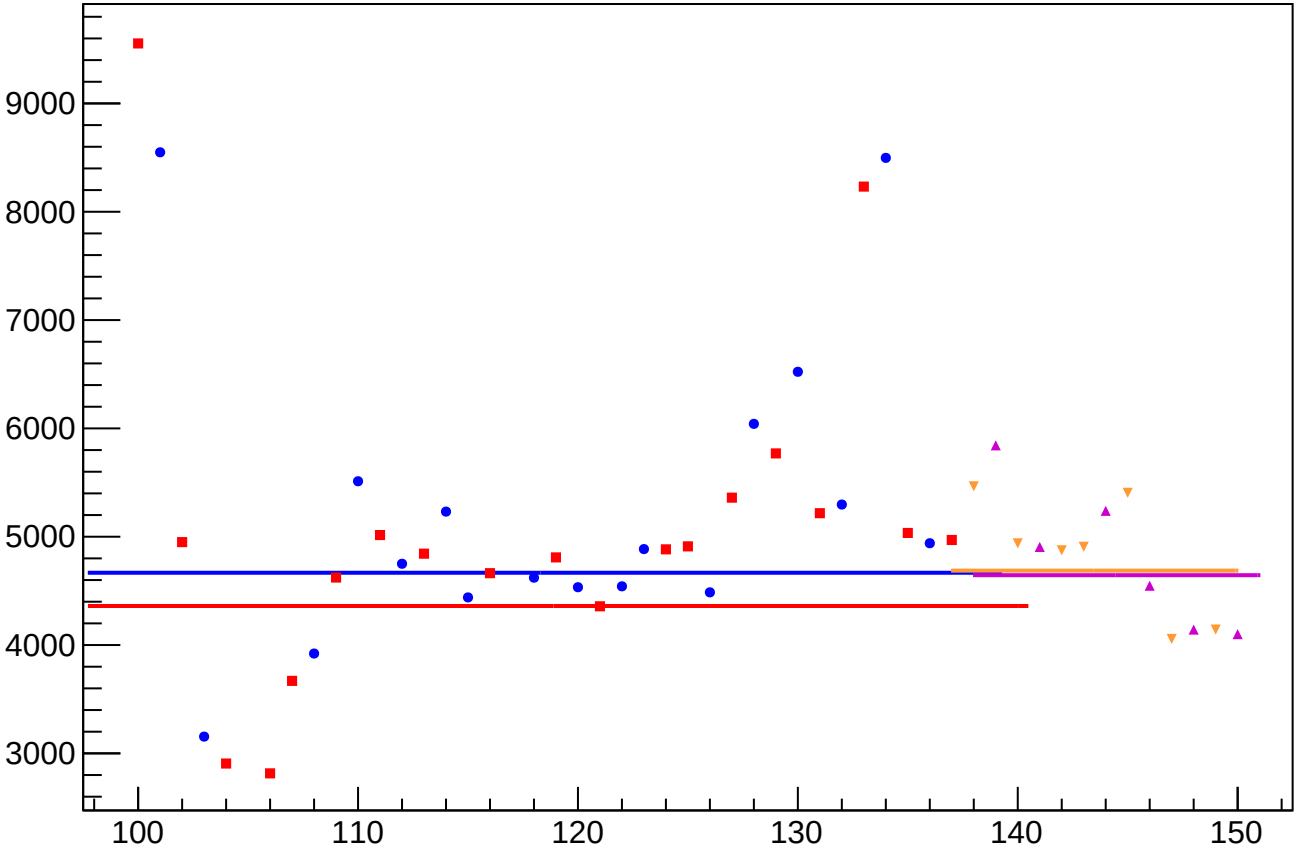
Left In: -2583.499+/-2099.558 χ^2/NDF:6.9/5

+ sign 1302.669+/-1397.209 χ^2/NDF: 23.4/23

All: -1181.959+/-964.446 χ^2/NDF: 51.5/48

- sign -3443.220+/-1332.926 χ^2/NDF: 22.0/24

asym_atr_avg_rms vs Slug



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

Left Out: 4686.986+/-1.499 χ^2/NDF:129885.1/6

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

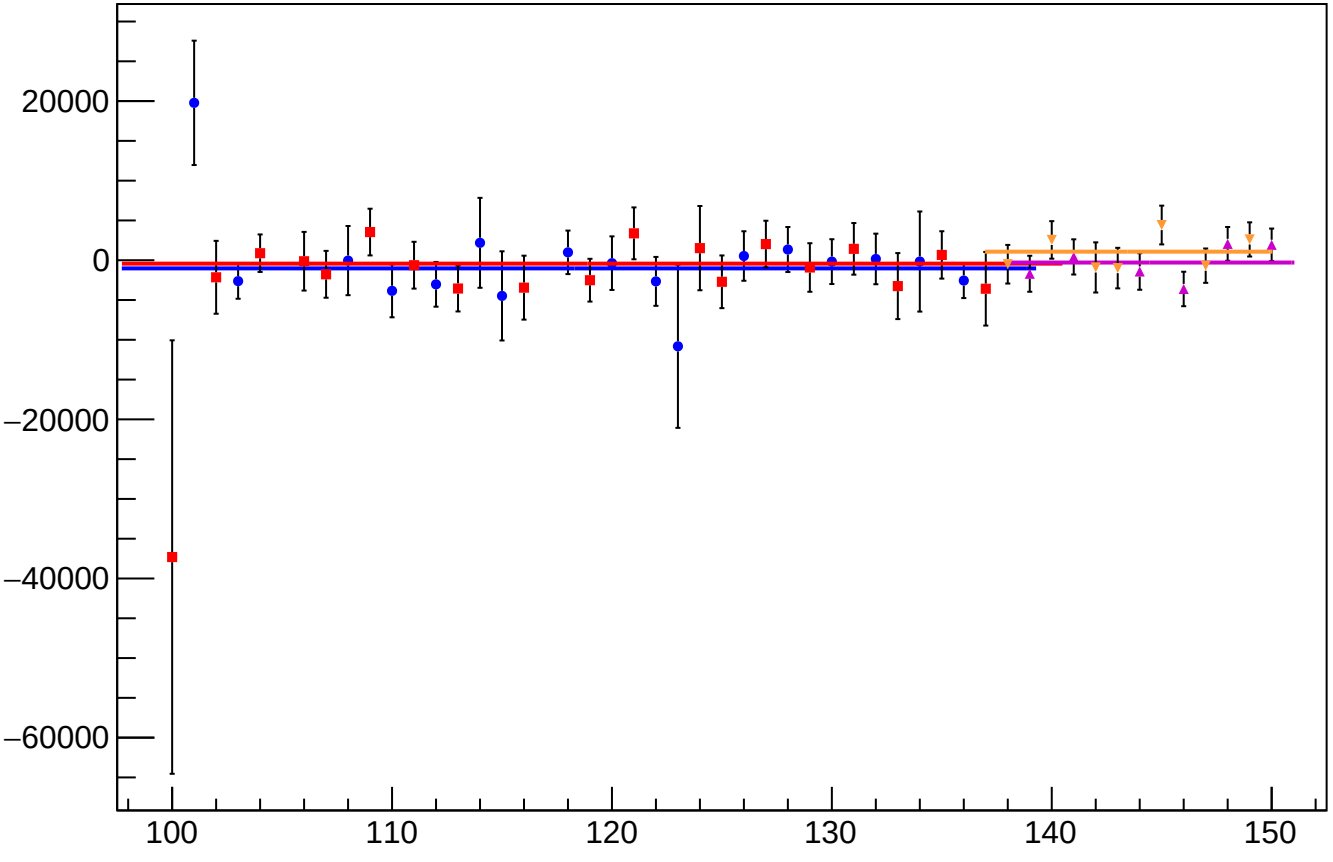
Left In: 4644.819+/-1.485 χ^2/NDF:148432.0/5

+ sign 4675.948+/-0.988 χ^2/NDF: 907838.9/23

All: 4570.057+/-0.681 χ^2/NDF: 1932869.3/48

- sign 4474.352+/-0.939 χ^2/NDF: 1003160.7/24

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1075.210+/-911.331 χ^2/NDF:4.9/6

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

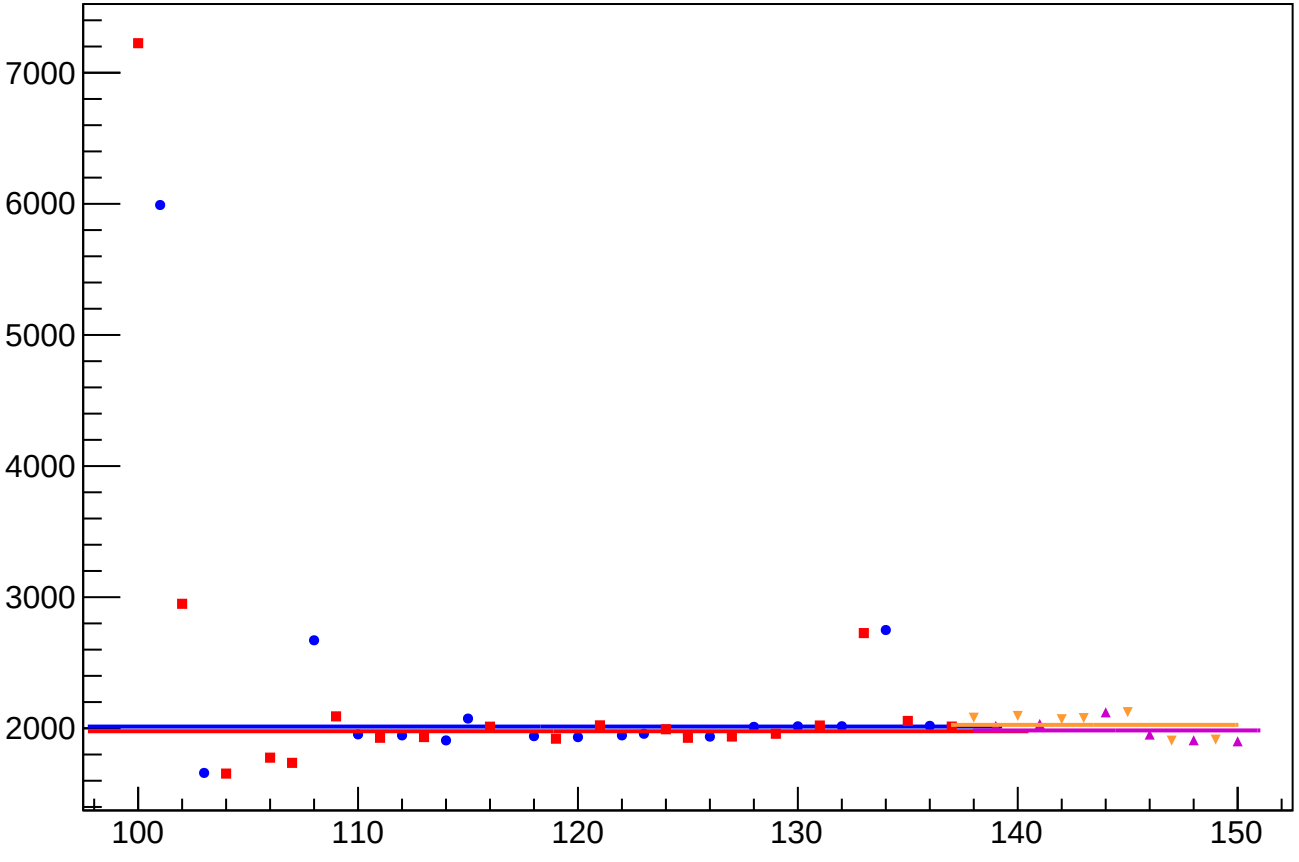
Left In: -290.847+/-889.549 χ^2/NDF:5.5/5

+ sign -116.511+/-599.767 χ^2/NDF: 21.0/23

All: -248.074+/-416.260 χ^2/NDF: 37.4/48

- sign -370.339+/-578.186 χ^2/NDF: 16.3/24

dit_asym_atr_dd_rms vs Slug



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

Left Out: 2026.245+/-0.644 χ^2/NDF:18718.8/6

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

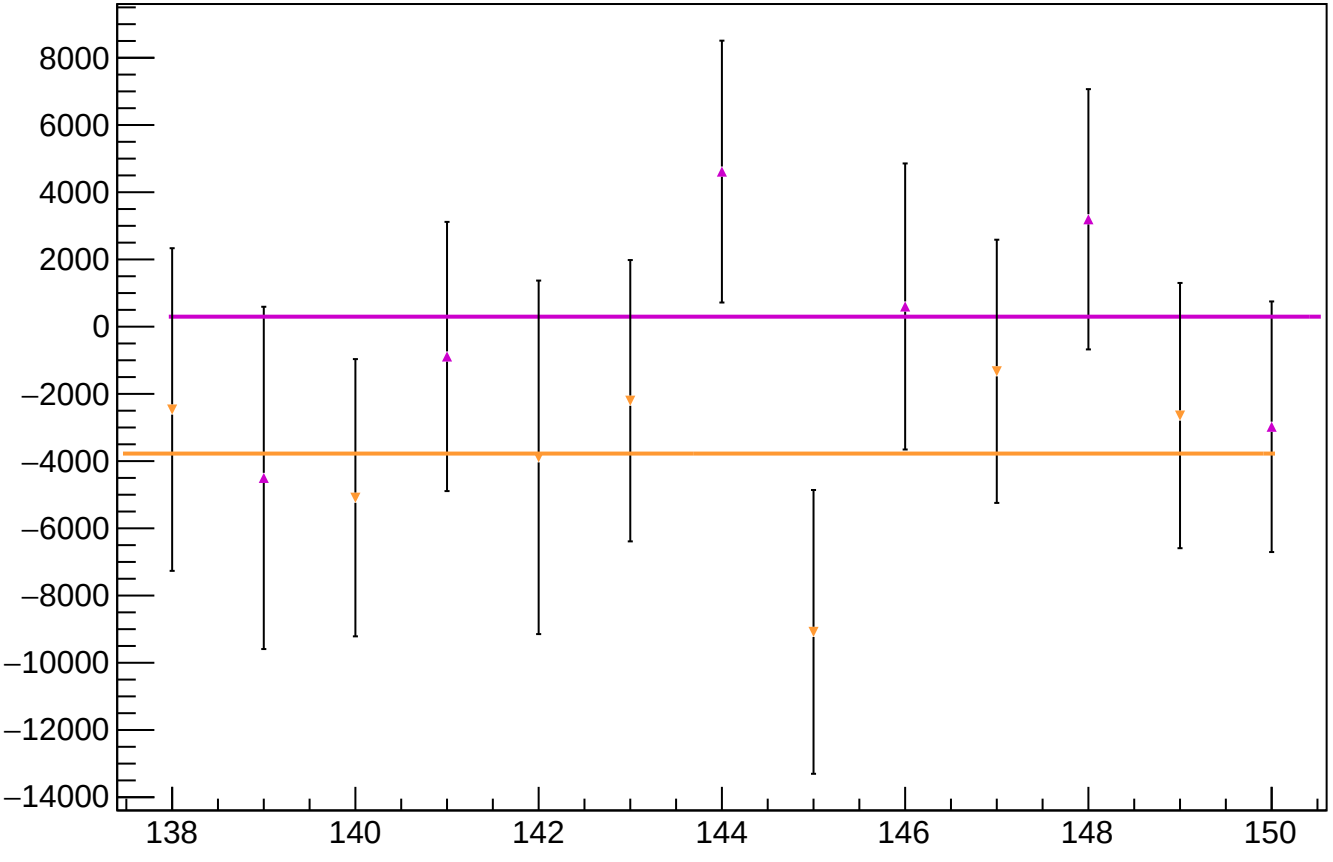
Left In: 1983.713+/-0.629 χ^2/NDF:14913.9/5

+ sign 2018.890+/-0.424 χ^2/NDF: 668997.2/23

All: 1998.797+/-0.294 χ^2/NDF: 983193.9/48

- sign 1980.147+/-0.409 χ^2/NDF: 309868.6/24

asym_atr_dd_correction_mean vs Slug



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

Left Out: -3775.744+/-1620.100 χ^2/NDF:2.4/6

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

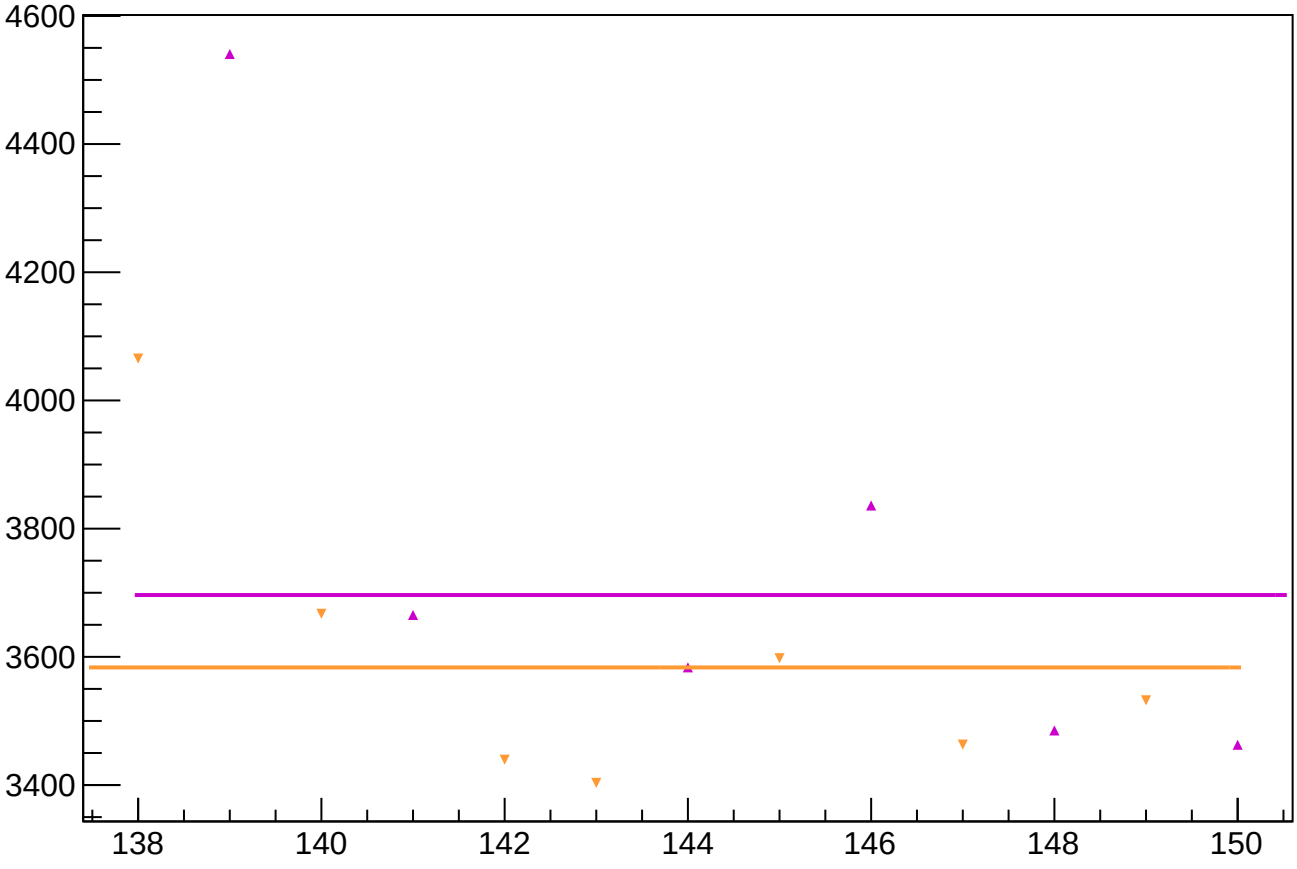
Left In: 297.372+/-1665.043 χ^2/NDF:3.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1794.898+/-1161.147 χ^2/NDF: 9.0/12

- 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: 3583.476+/-1.146 χ^2/NDF:28432.8/6

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

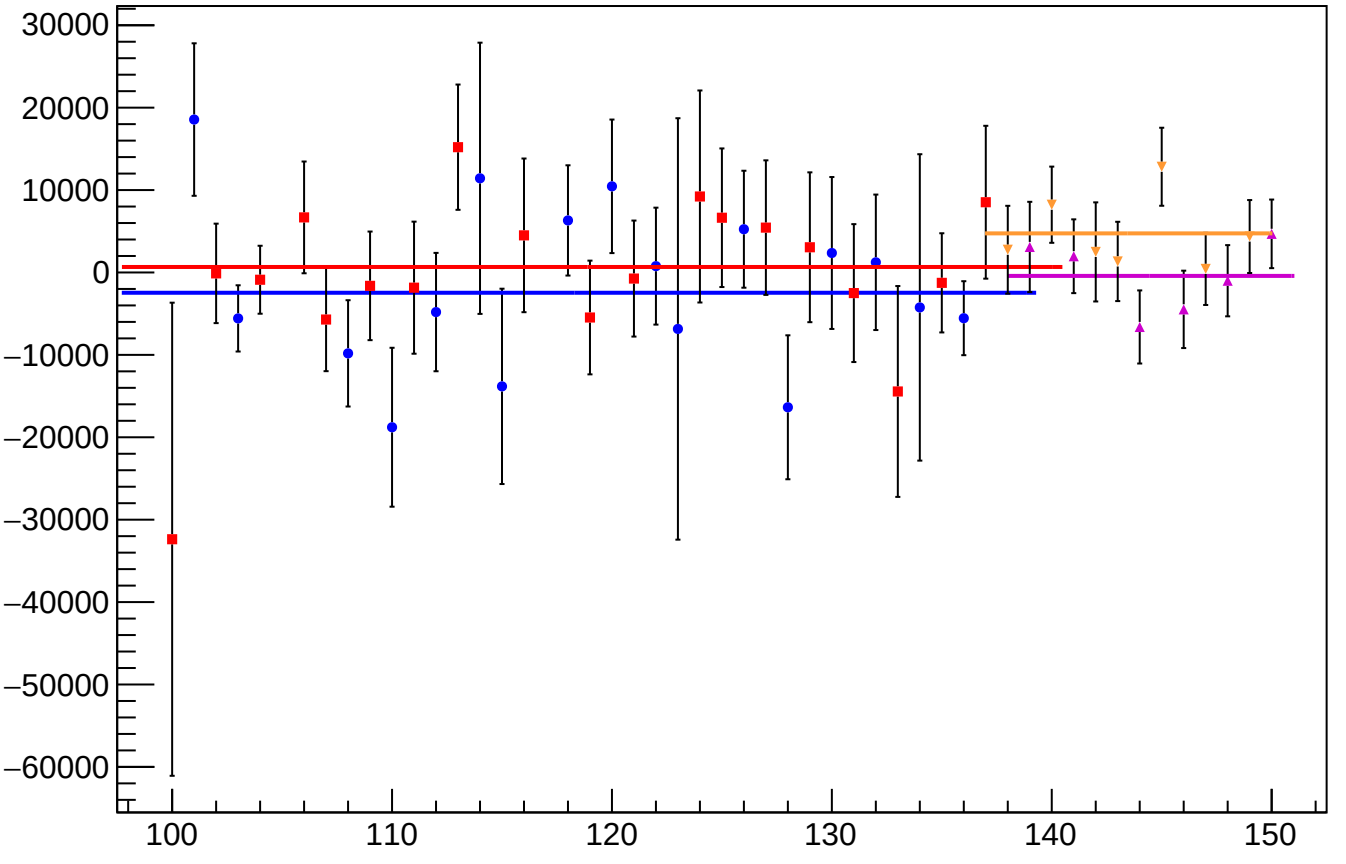
Left In: 3696.454+/-1.177 χ^2/NDF:72713.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3638.419+/-0.821 χ^2/NDF: 105875.8/12

- 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: 4743.644+/-1823.709 χ^2/NDF:5.2/6

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

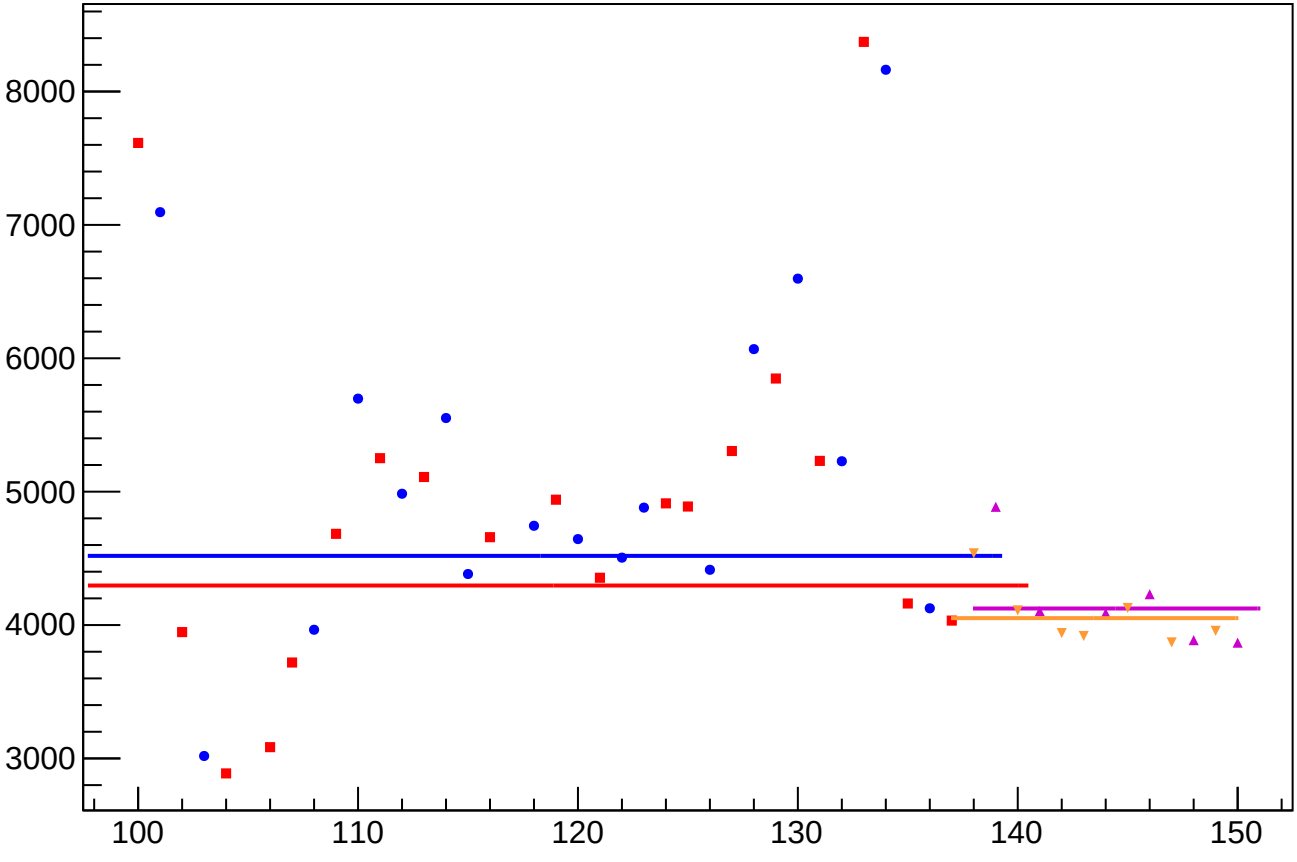
Left In: -416.514+/-1854.649 χ^2/NDF:4.9/5

+ sign 1088.129+/-1280.115 χ^2/NDF: 34.0/23

All: 620.403+/-894.009 χ^2/NDF: 51.2/48

- sign 175.070+/-1249.096 χ^2/NDF: 17.0/24

asym_atr_dd_rms vs Slug



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

Left Out: 4051.838+/-1.290 χ^2/NDF:24089.6/6

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

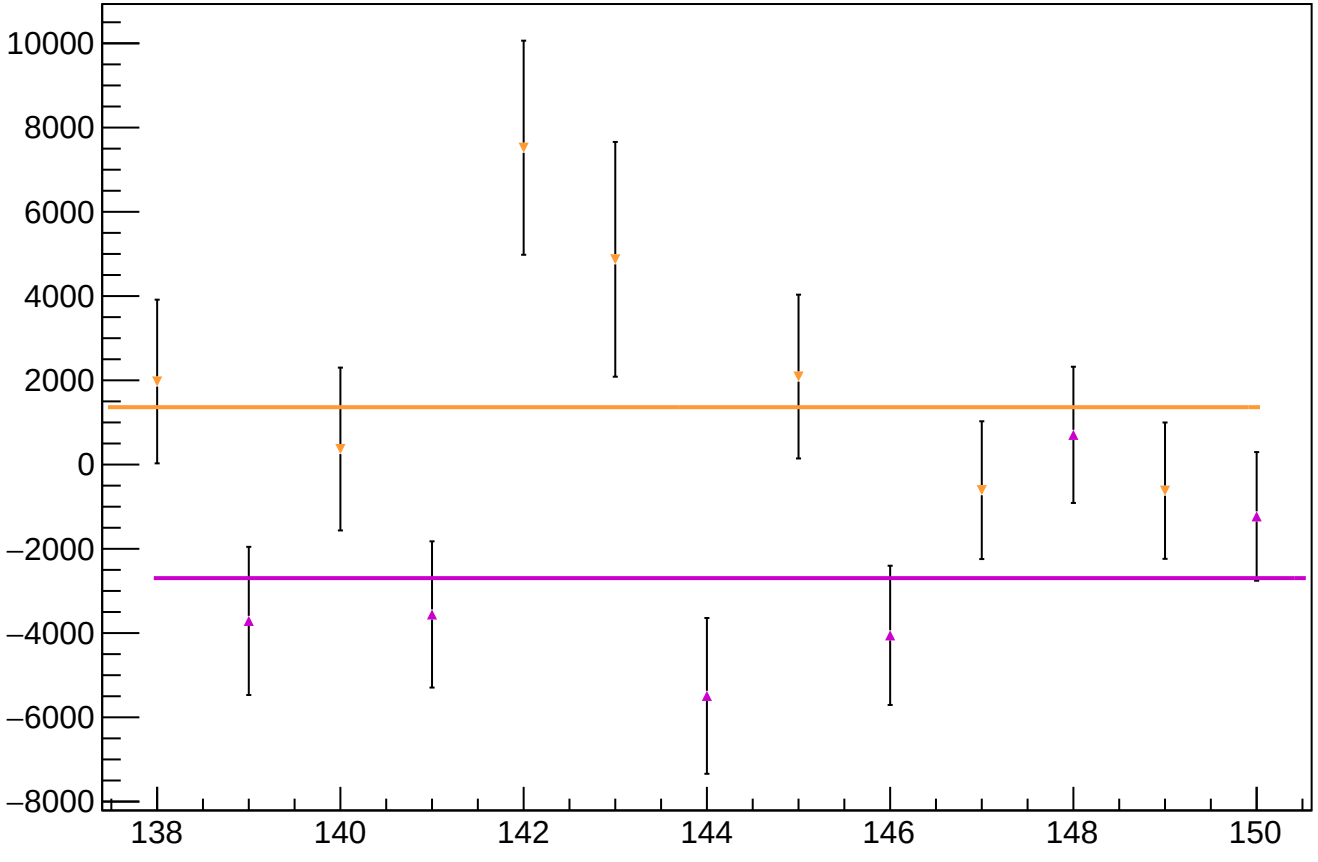
Left In: 4124.174+/-1.311 χ^2/NDF:53566.7/5

+ sign 4288.667+/-0.905 χ^2/NDF: 860802.0/23

All: 4252.740+/-0.631 χ^2/NDF: 1698606.0/48

- sign 4218.742+/-0.881 χ^2/NDF: 834738.0/24

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1362.519+/-737.912 χ^2/NDF:10.9/6

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

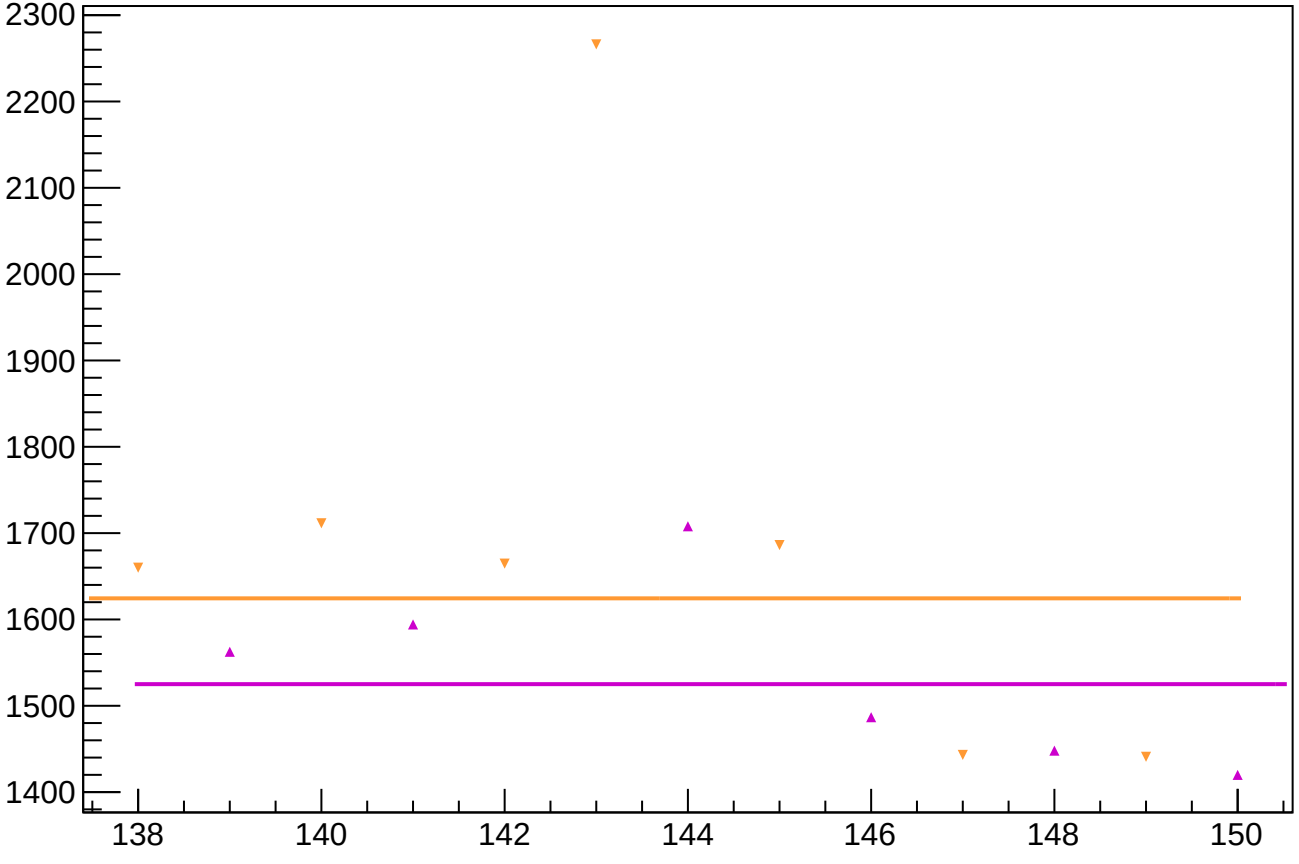
Left In: -2695.606+/-685.971 χ^2/NDF:8.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -814.380+/-502.415 χ^2/NDF: 36.0/12

- 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: 1624.451+/-0.522 χ^2/NDF:163622.7/6

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

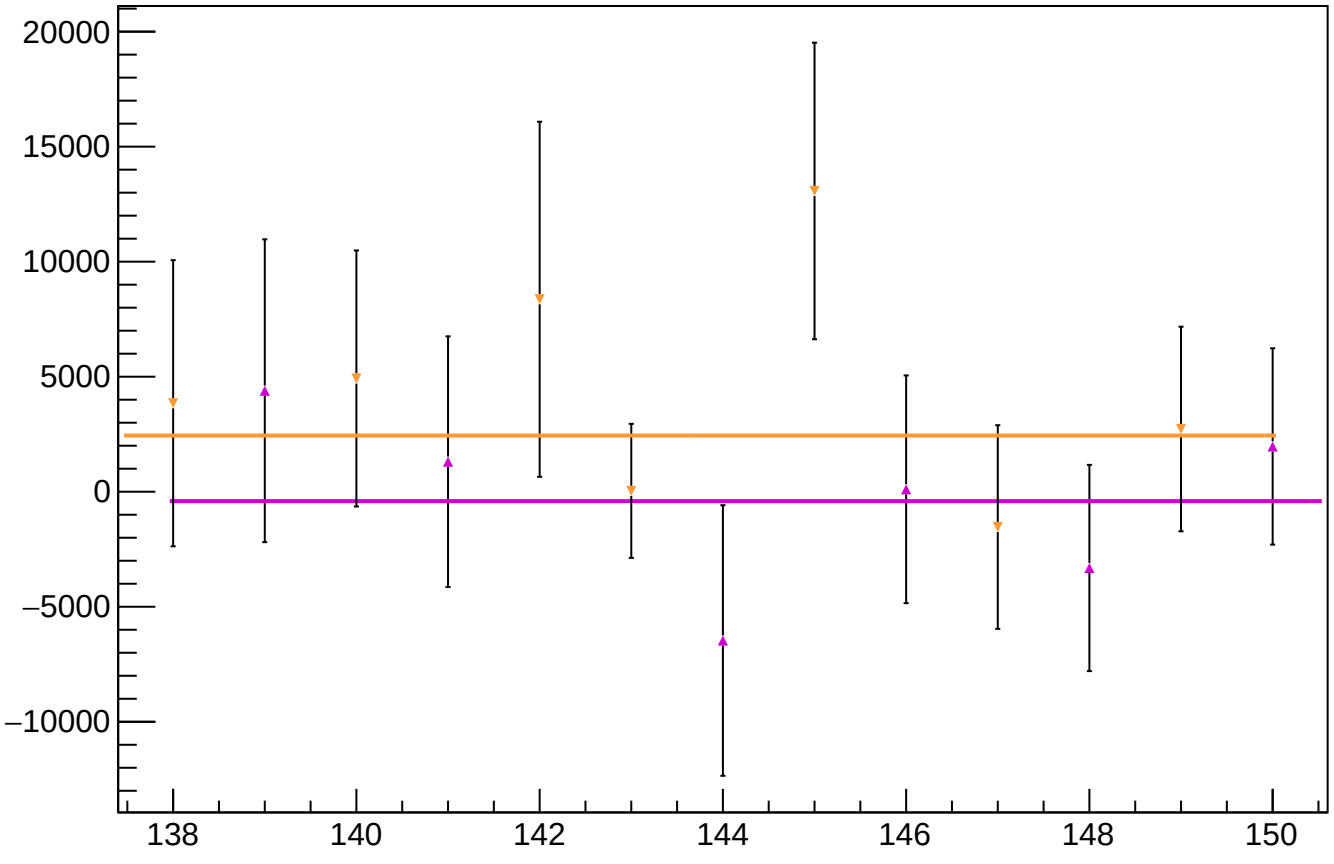
Left In: 1525.064+/-0.485 χ^2/NDF:38727.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1571.137+/-0.355 χ^2/NDF: 221813.0/12

- 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: 2442.516+/-1772.381 χ^2/NDF:5.1/6

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

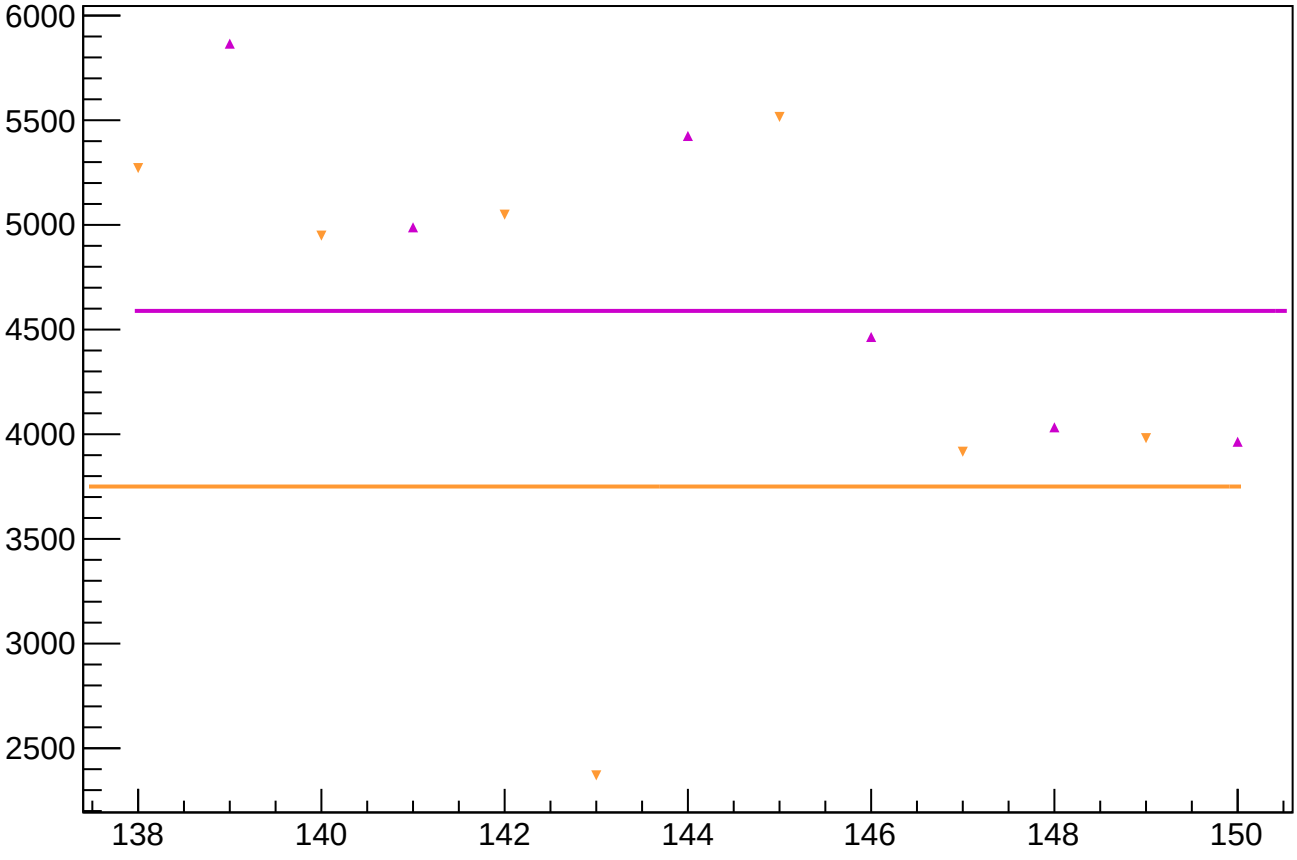
Left In: -408.311+/-2079.860 χ^2/NDF:2.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1243.211+/-1349.005 χ^2/NDF: 8.6/12

- 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: 3750.257+/-1.253 χ^2/NDF:875649.9/6

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

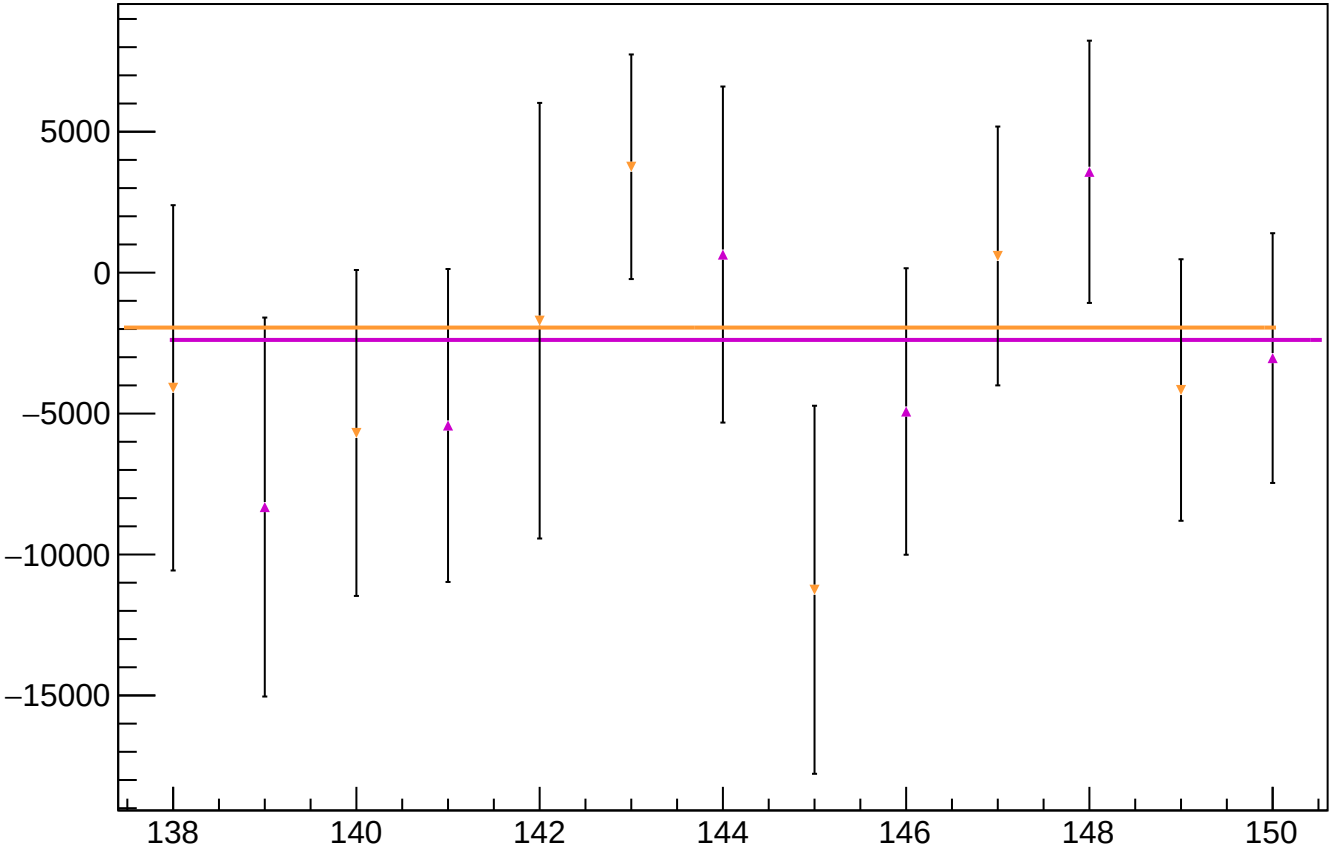
Left In: 4589.204+/-1.471 χ^2/NDF:201289.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4103.191+/-0.954 χ^2/NDF: 1265453.5/12

- 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: -1948.189+/-1996.780 χ^2/NDF:5.1/6

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

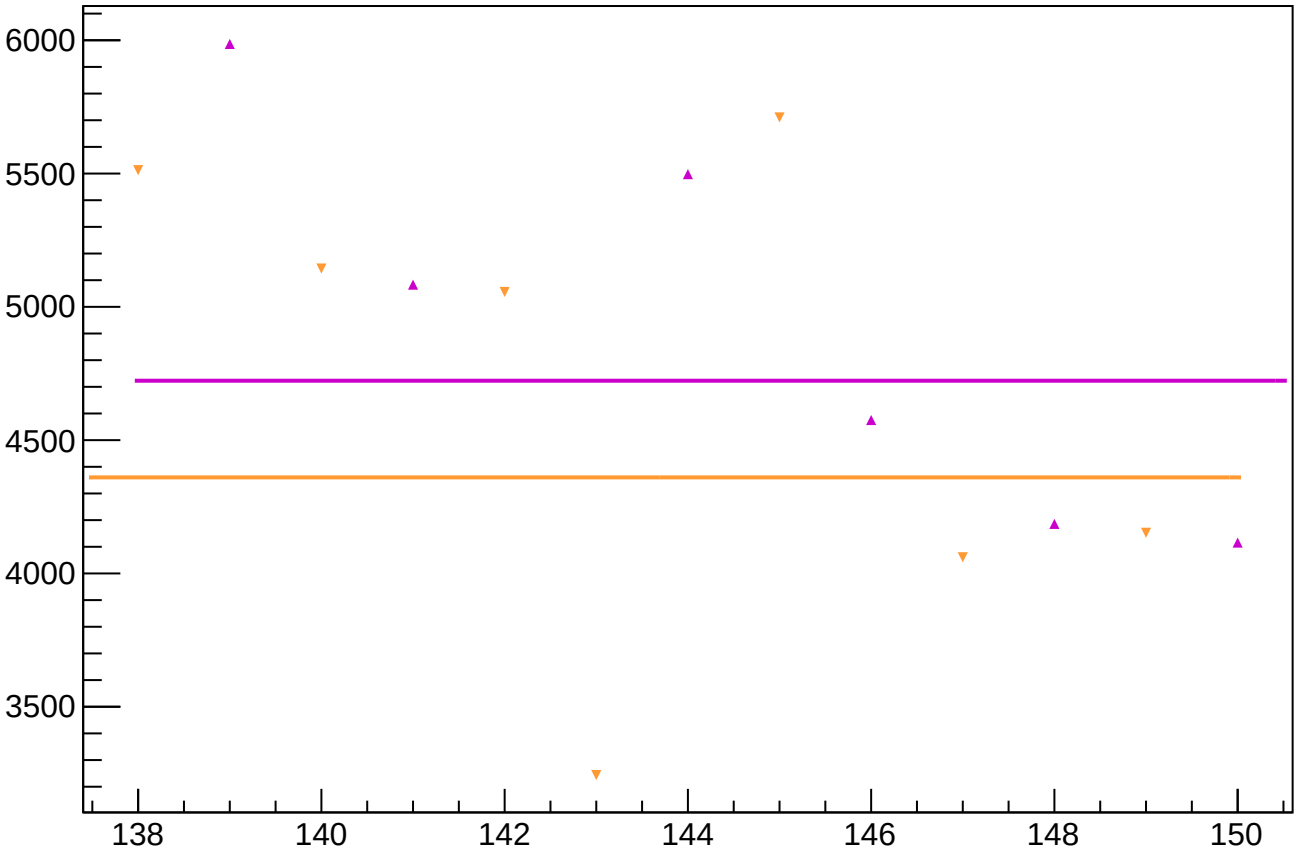
Left In: -2386.708+/-2138.955 χ^2/NDF:3.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2152.391+/-1459.613 χ^2/NDF: 8.4/12

- 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: 4360.320+/-1.412 χ^2/NDF:371279.5/6

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

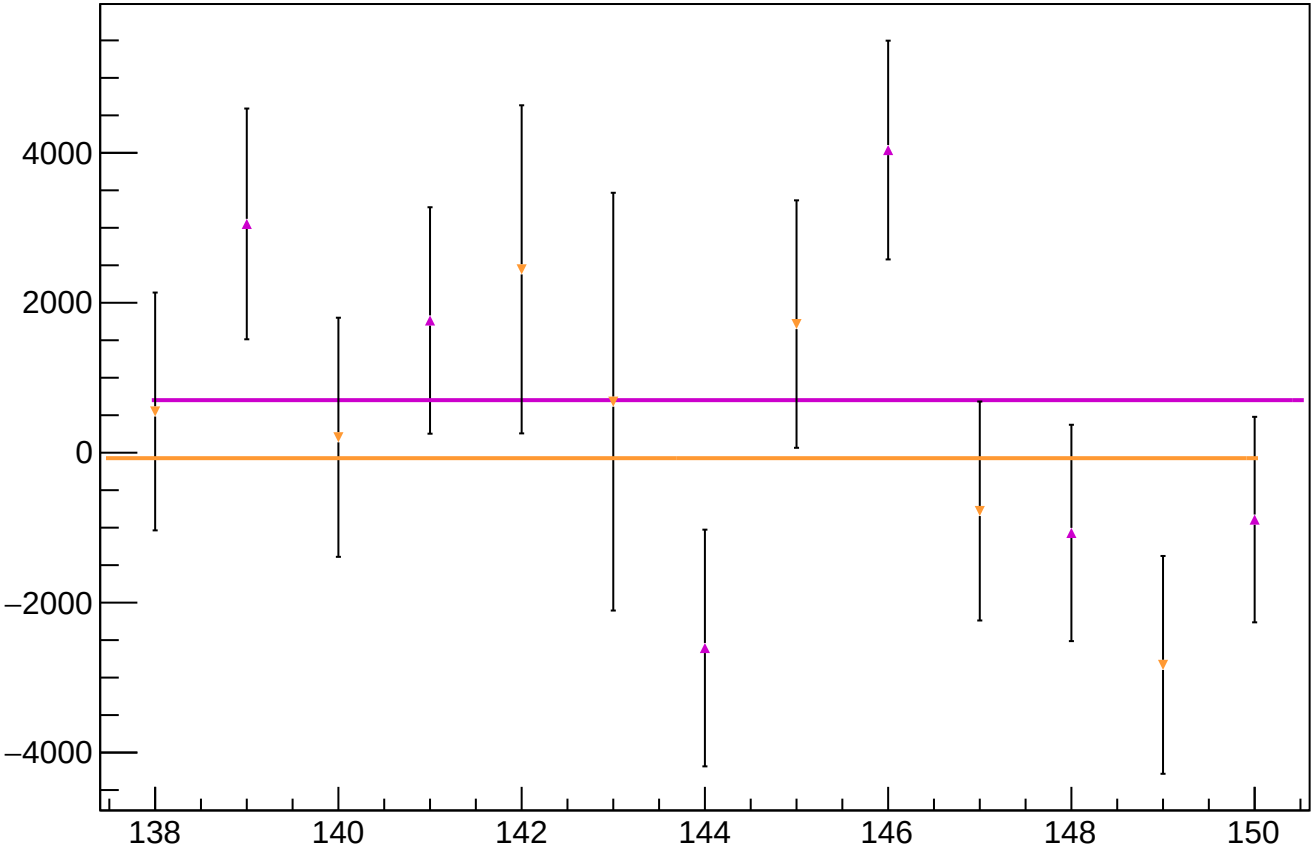
Left In: 4722.918+/-1.512 χ^2/NDF:178730.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4529.169+/-1.032 χ^2/NDF: 580721.2/12

- 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: -72.995+/-640.477 χ^2/NDF:6.6/6

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

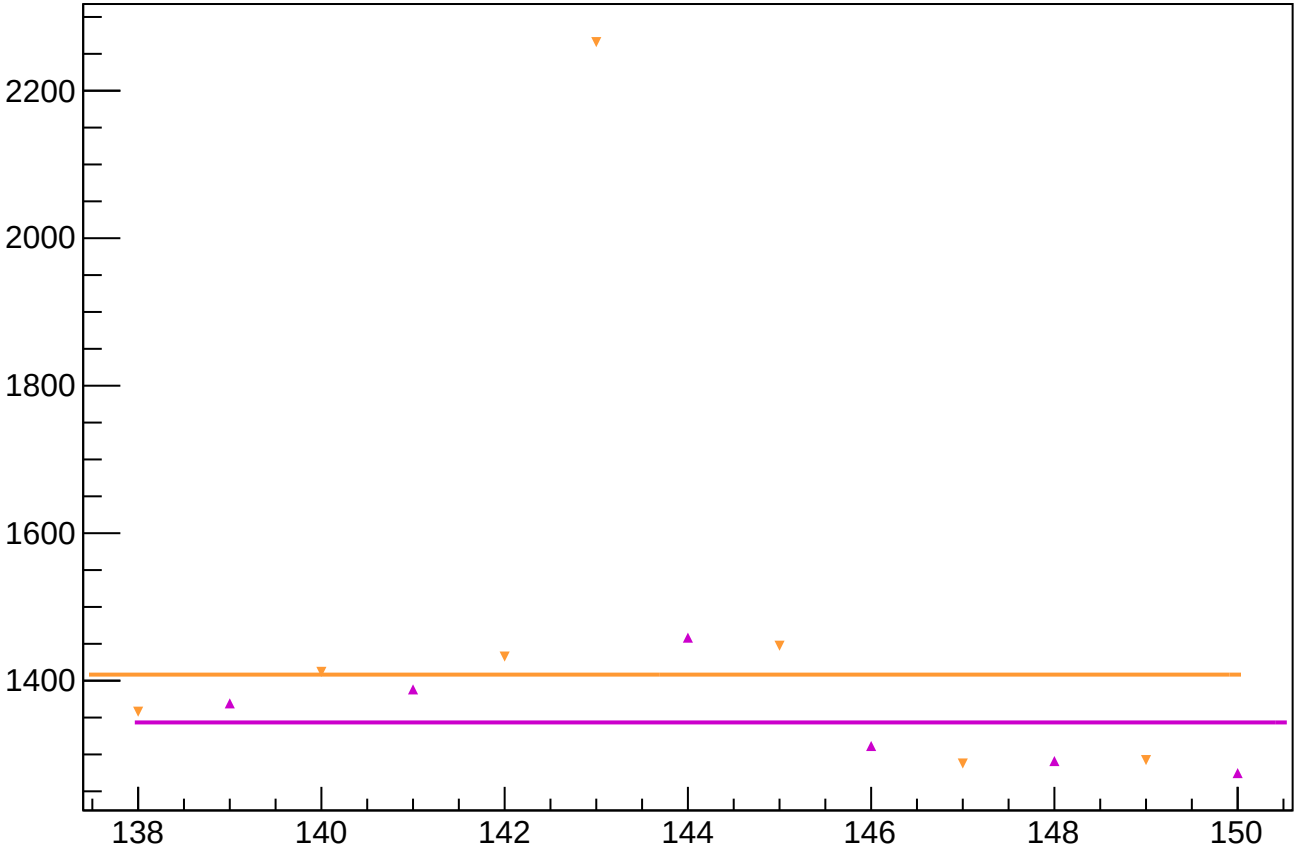
Left In: 701.068+/-603.686 χ^2/NDF:15.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 336.906+/-439.301 χ^2/NDF: 22.7/12

- 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: 1408.242+/-0.453 χ^2/NDF:219238.1/6

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

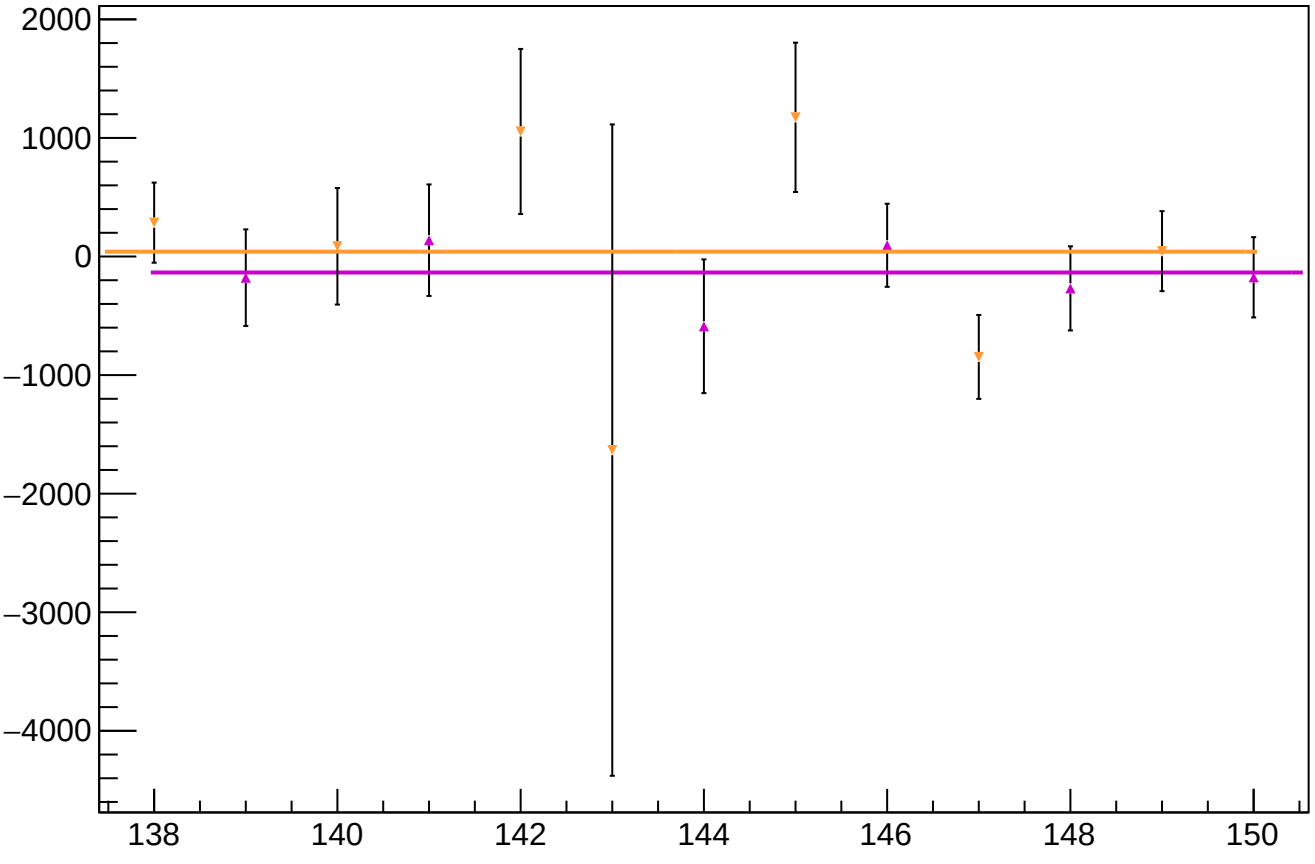
Left In: 1343.393+/-0.427 χ^2/NDF:21548.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1373.902+/-0.311 χ^2/NDF: 251643.6/12

- 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: 40.844+/-170.521 χ^2/NDF:12.6/6

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

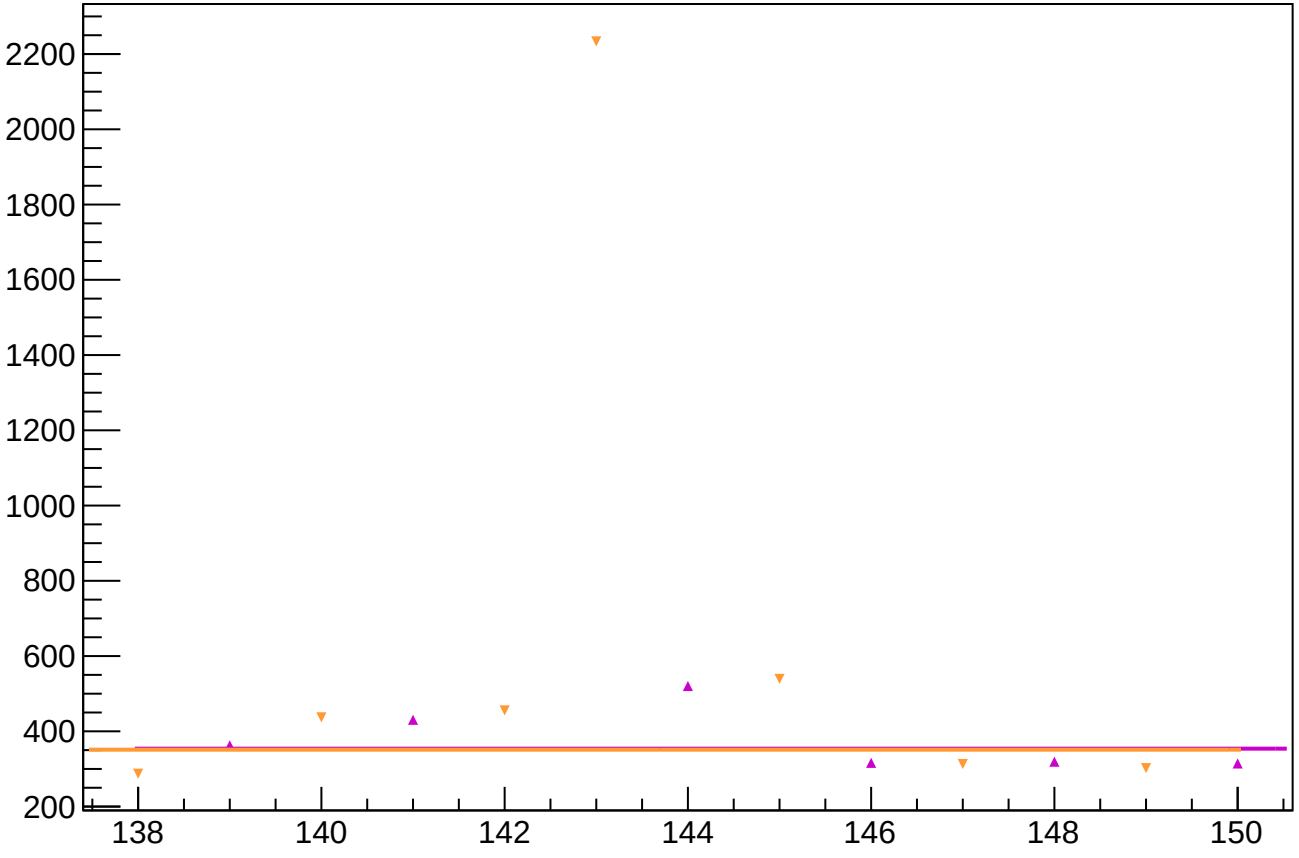
Left In: -134.904+/-161.137 χ^2/NDF:1.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -51.999+/-117.118 χ^2/NDF: 14.7/12

- 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: 351.199+/-0.121 χ^2/NDF:1360800.0/6

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

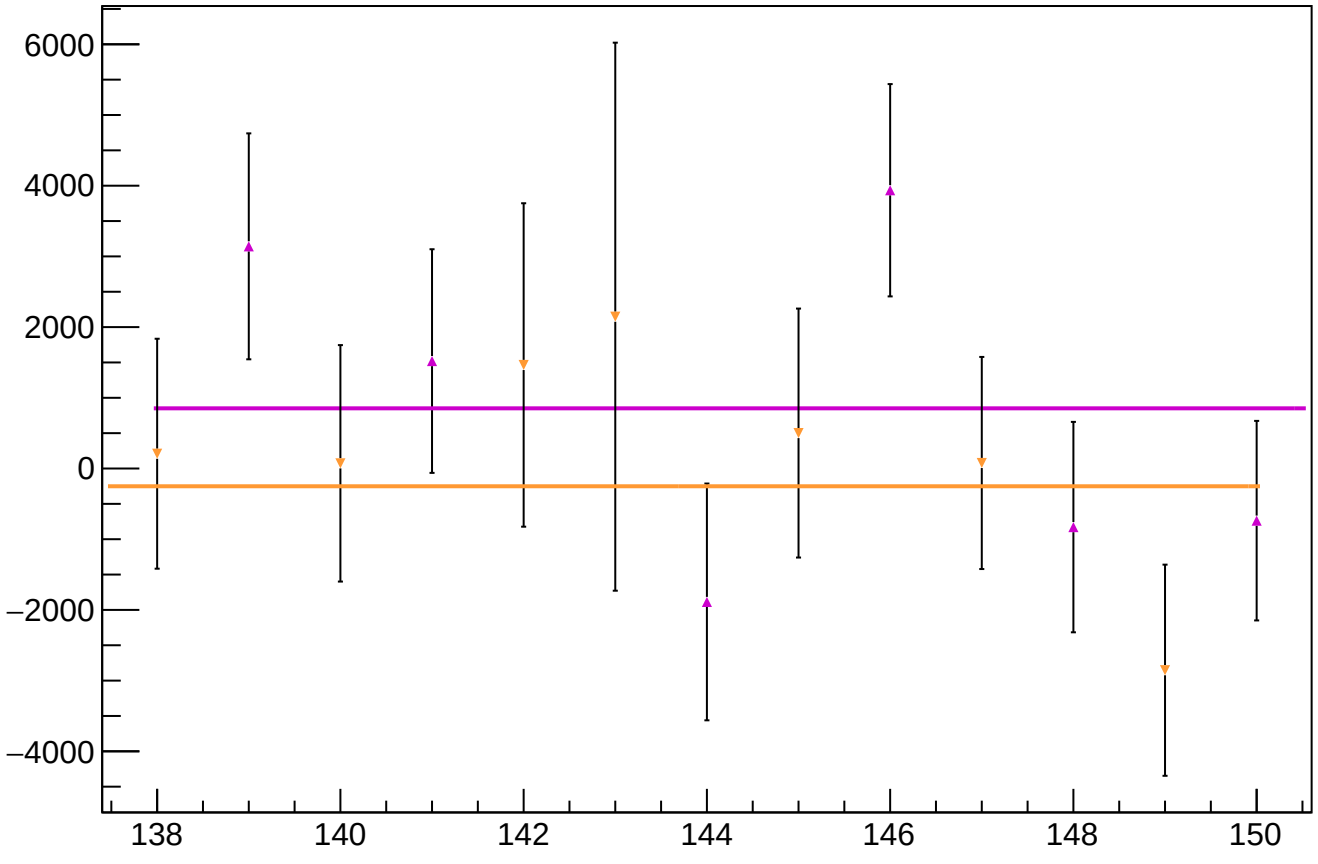
Left In: 353.917+/-0.114 χ^2/NDF:297849.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 352.635+/-0.083 χ^2/NDF: 1658917.6/12

- 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: -251.213+/-672.837 χ^2/NDF:4.3/6

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

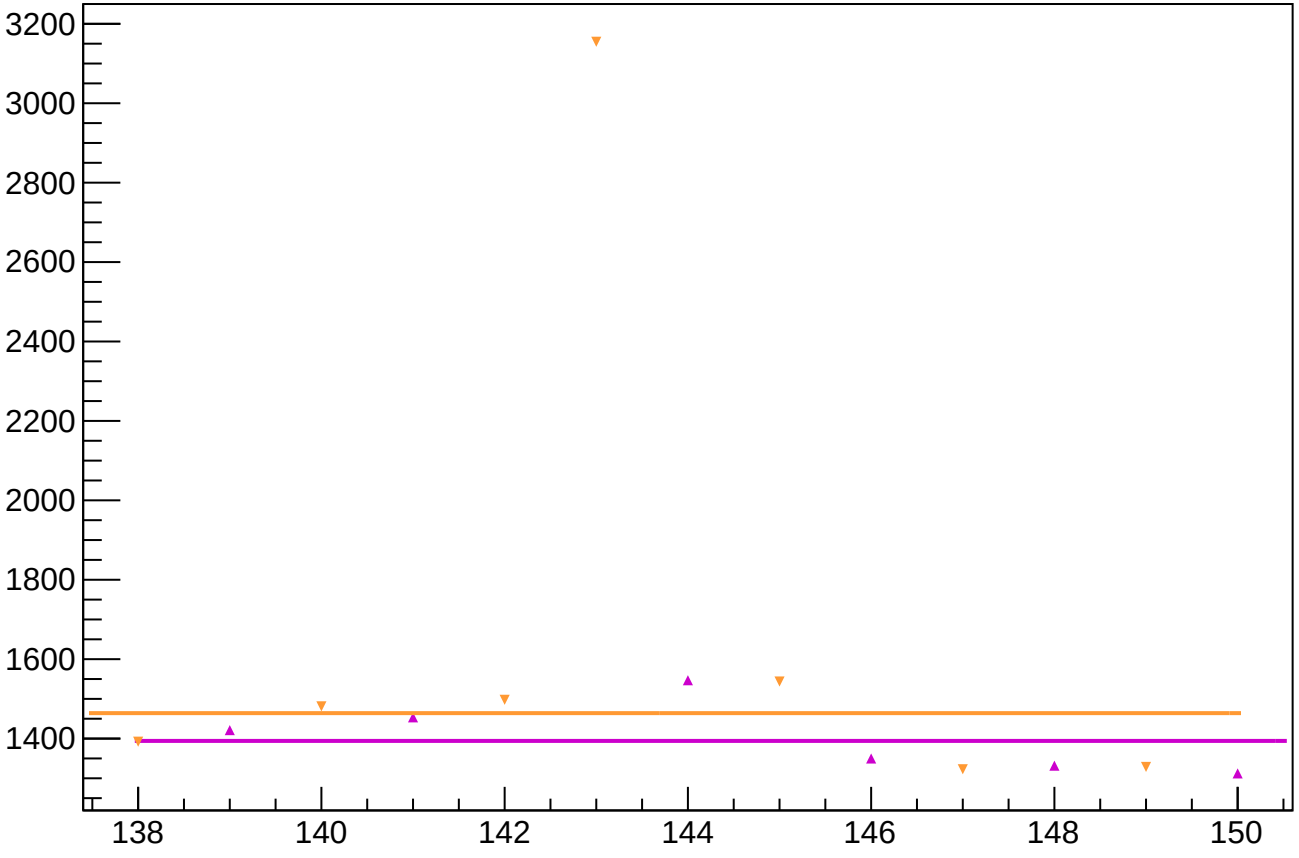
Left In: 851.103+/-626.786 χ^2/NDF:11.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 338.955+/-458.622 χ^2/NDF: 17.4/12

- 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: 1464.114+/-0.476 χ^2/NDF:423476.5/6

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

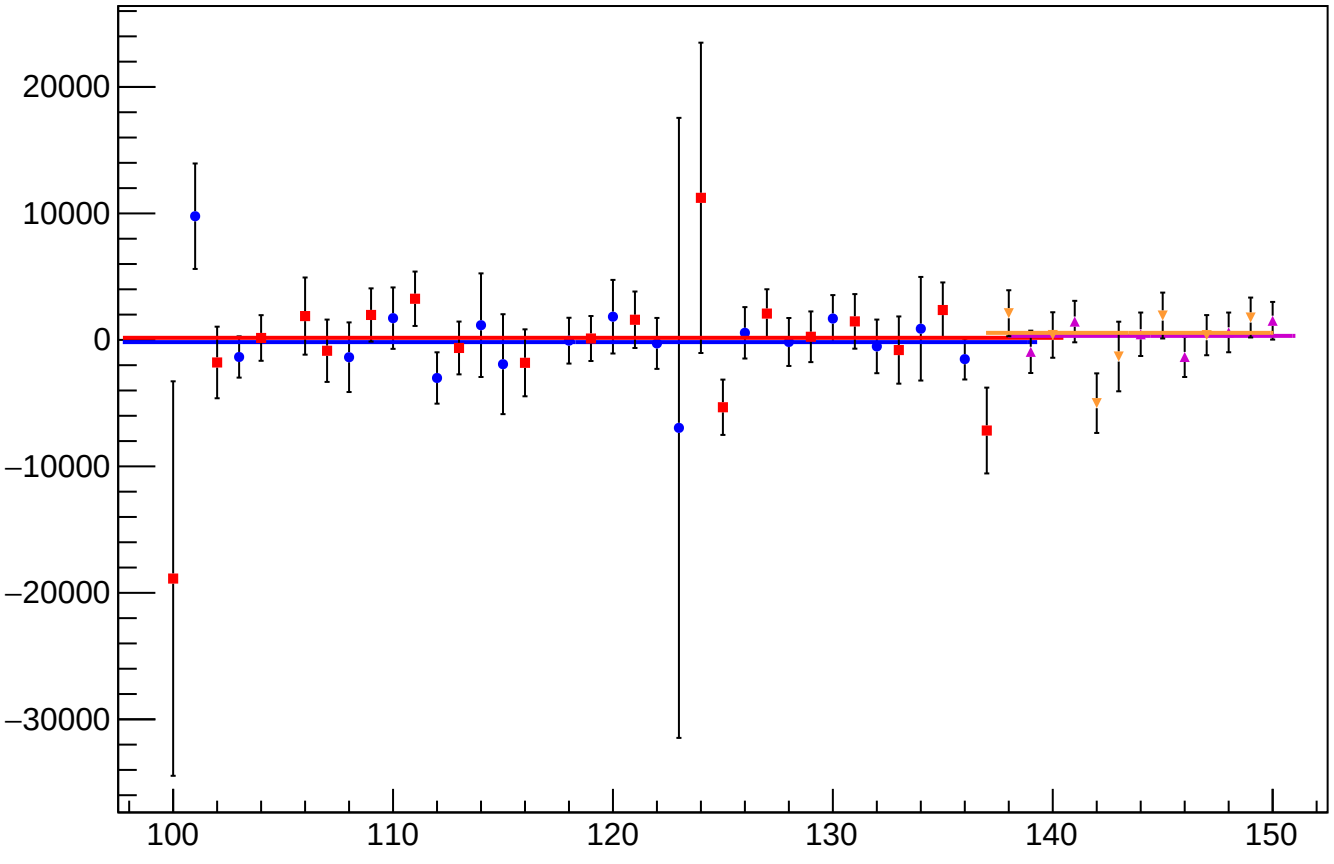
Left In: 1394.158+/-0.443 χ^2/NDF:32025.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1426.660+/-0.324 χ^2/NDF: 467077.7/12

- 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: 556.613+/-702.517 χ^2/NDF:7.9/6

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

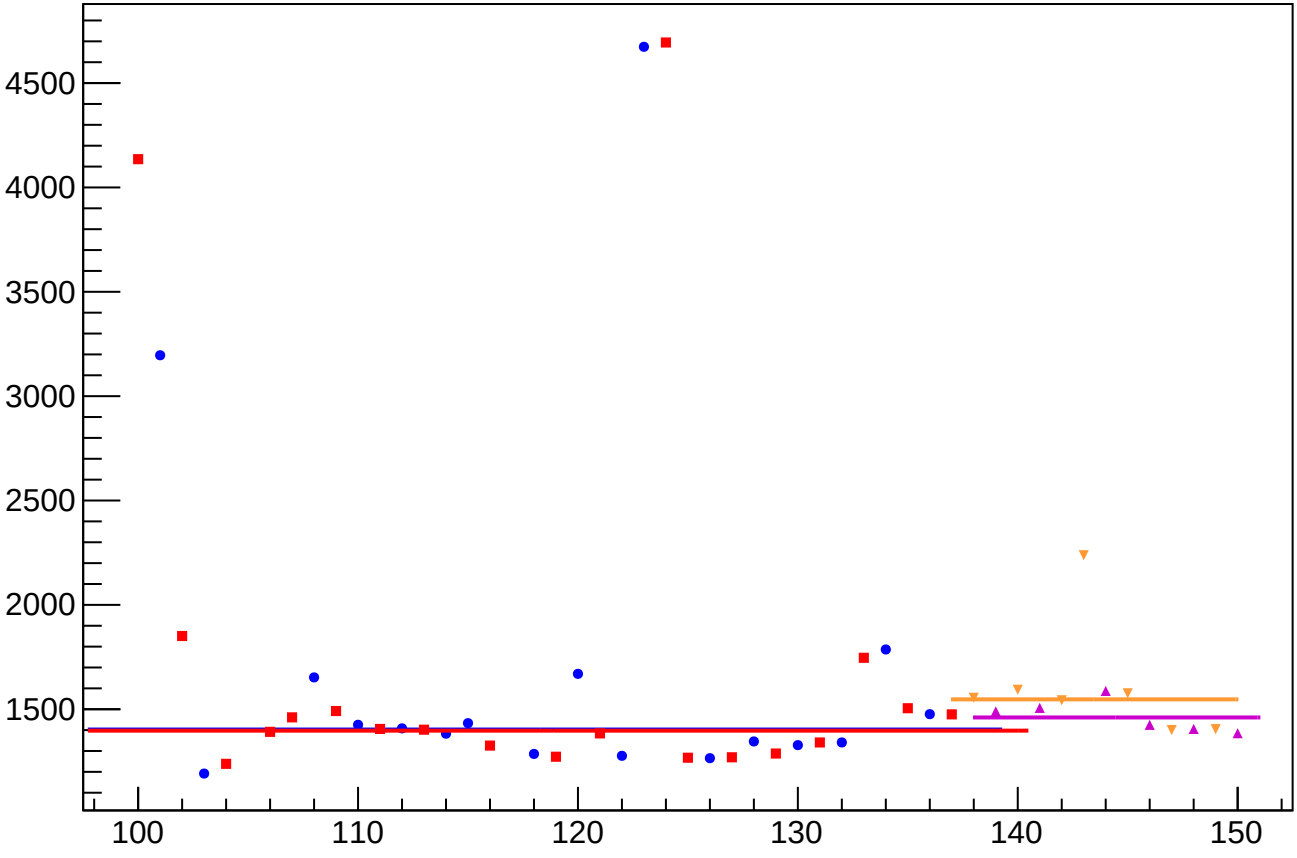
Left In: 318.037+/-656.234 χ^2/NDF:2.8/5

+ sign 106.032+/-435.330 χ^2/NDF: 20.4/23

All: 168.990+/-301.144 χ^2/NDF: 43.9/48

- sign 226.764+/-417.022 χ^2/NDF: 23.5/24

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1547.297+/-0.497 χ^2/NDF:161252.5/6

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

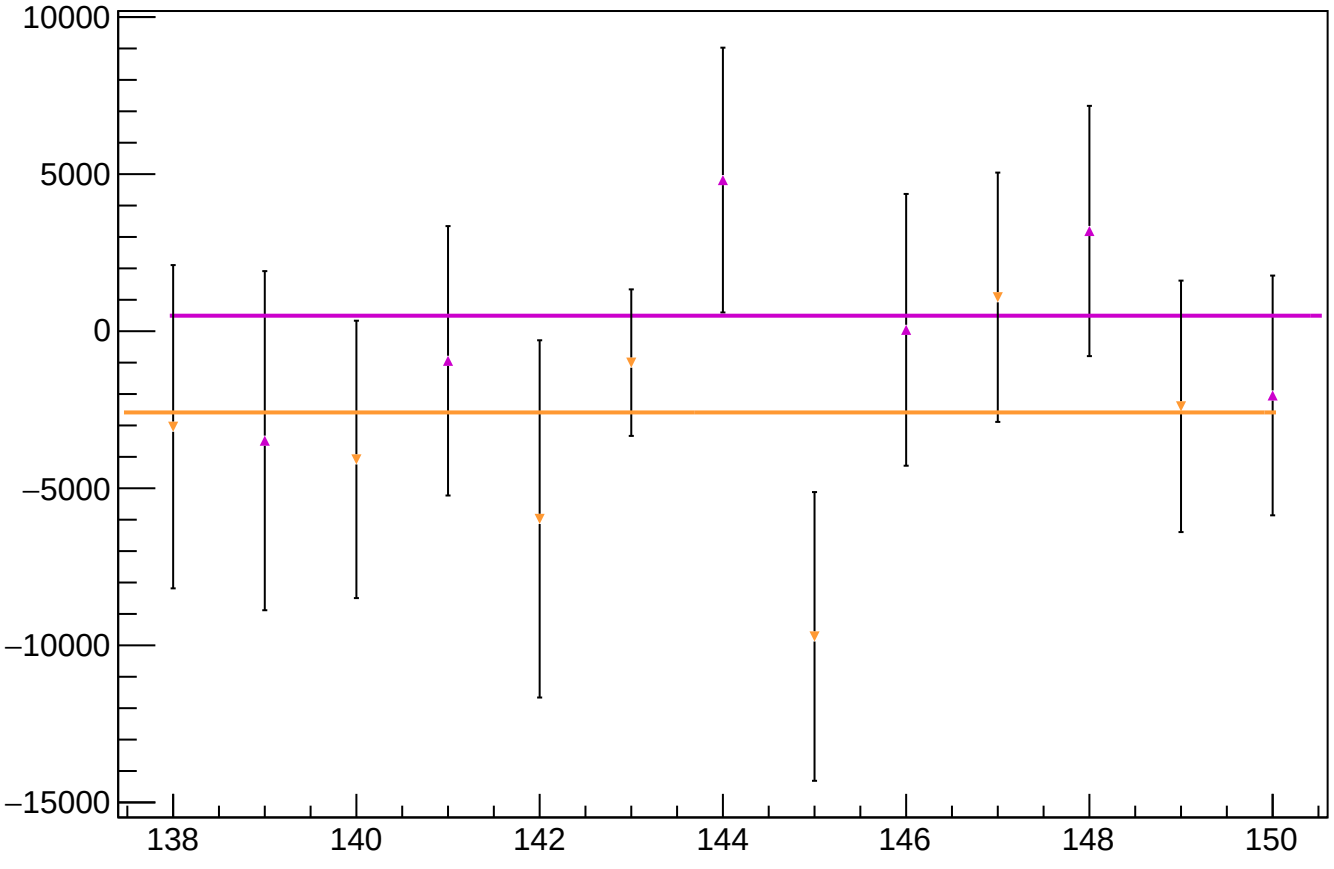
Left In: 1460.621+/-0.464 χ^2/NDF:21672.0/5

+ sign 1458.230+/-0.308 χ^2/NDF: 739767.1/23

All: 1439.820+/-0.213 χ^2/NDF: 1132717.7/48

- sign 1422.939+/-0.295 χ^2/NDF: 386094.2/24

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -2585.671+/-1447.711 χ^2/NDF:4.2/6

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

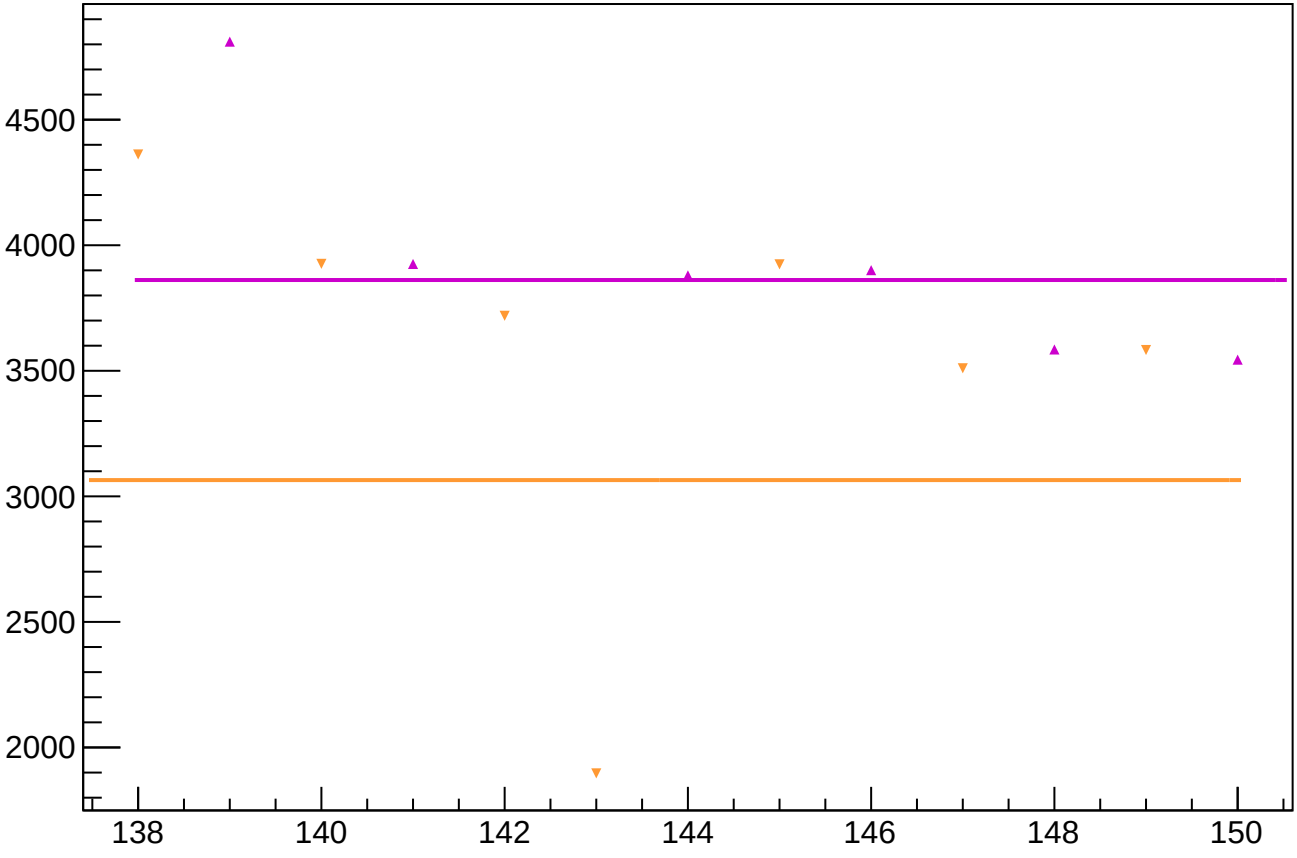
Left In: 493.525+/-1740.386 χ^2/NDF:2.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1326.389+/-1112.983 χ^2/NDF: 8.7/12

- 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: 3064.768+/-1.024 χ^2/NDF:859765.9/6

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

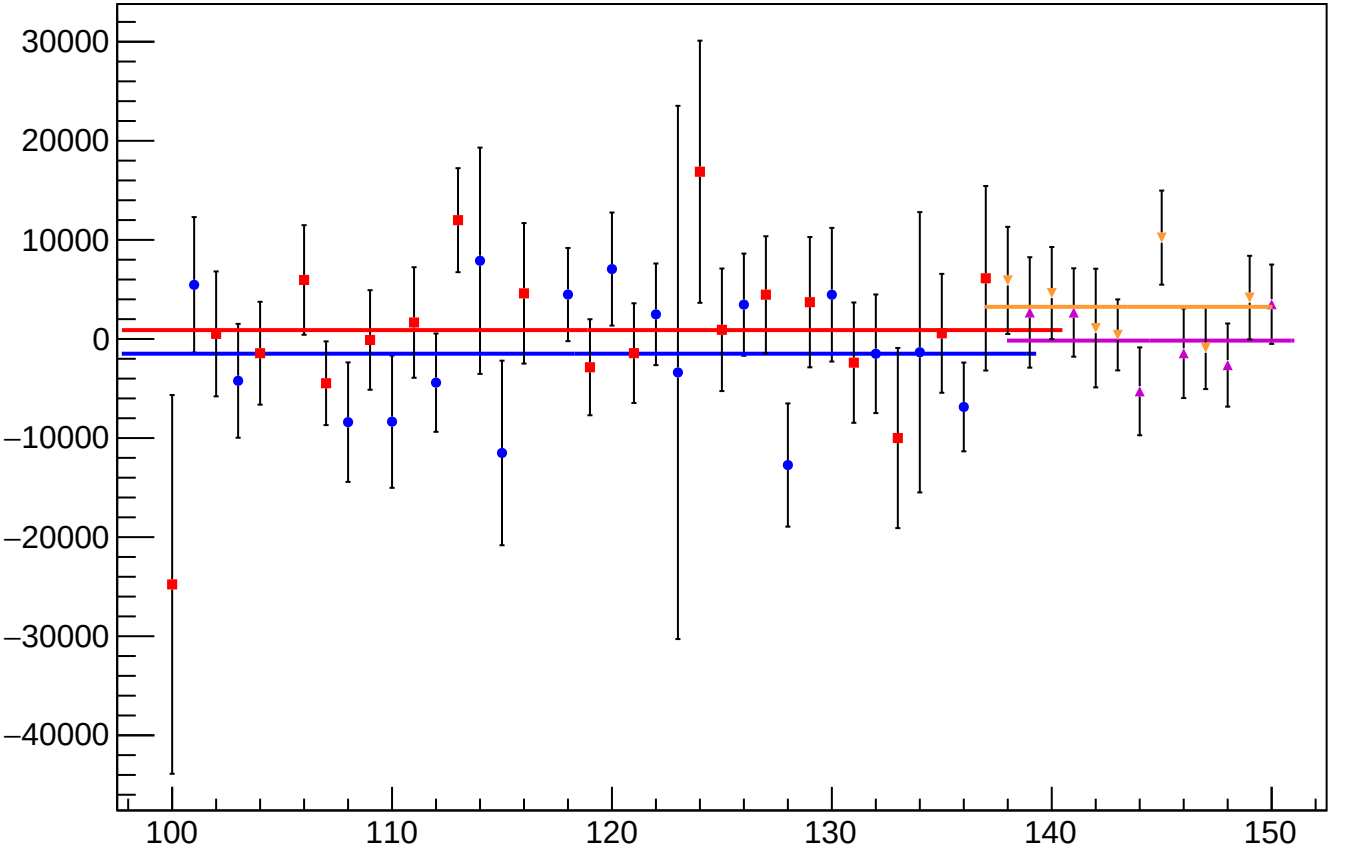
Left In: 3861.532+/-1.231 χ^2/NDF:85972.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3390.616+/-0.787 χ^2/NDF: 1193486.4/12

- 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: 3244.712+/-1704.851 χ^2/NDF:4.3/6

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

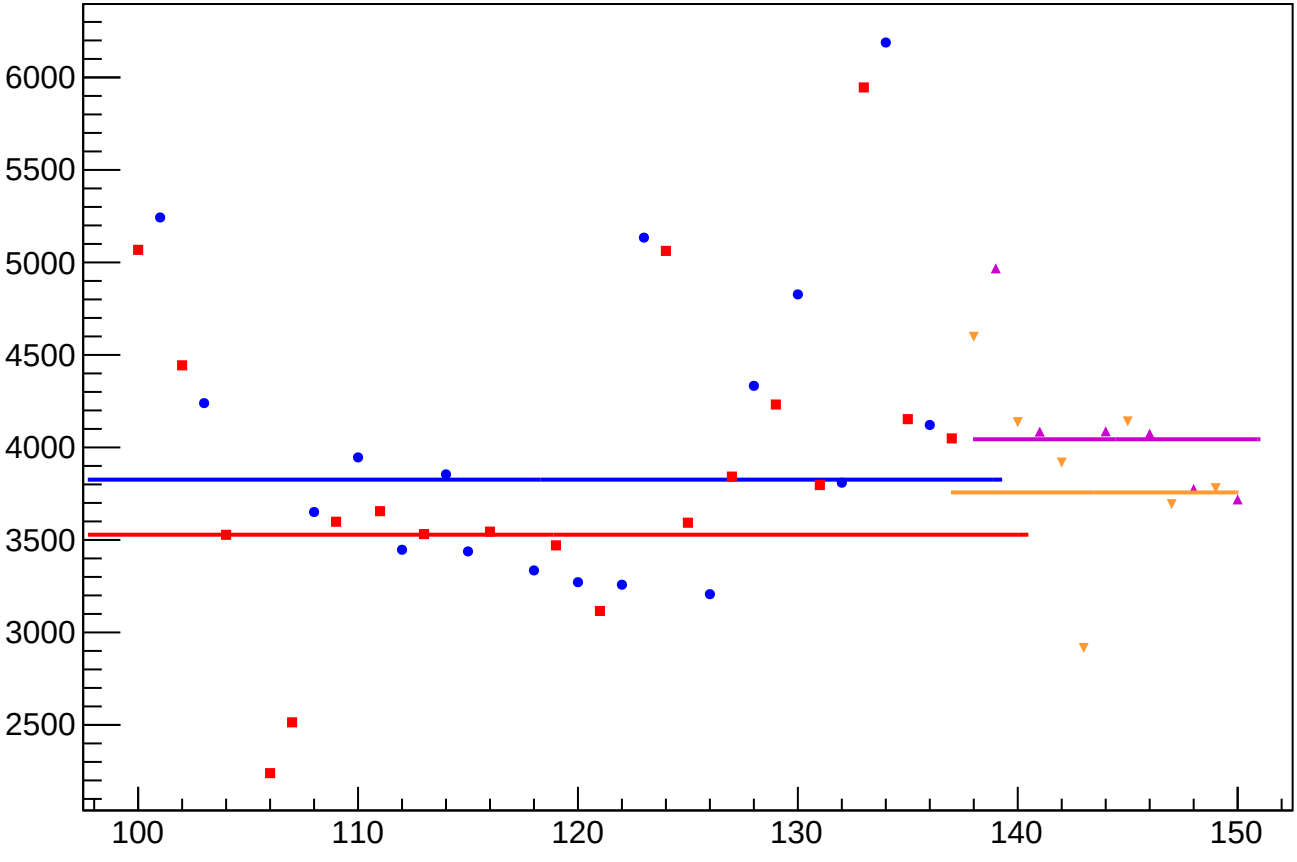
Left In: -163.594+/-1821.246 χ^2/NDF:3.3/5

+ sign 576.248+/-1125.784 χ^2/NDF: 25.3/23

All: 541.696+/-786.540 χ^2/NDF: 42.9/48

- sign 508.748+/-1099.357 χ^2/NDF: 17.6/24

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 3756.753+/-1.206 χ^2/NDF:186953.7/6

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

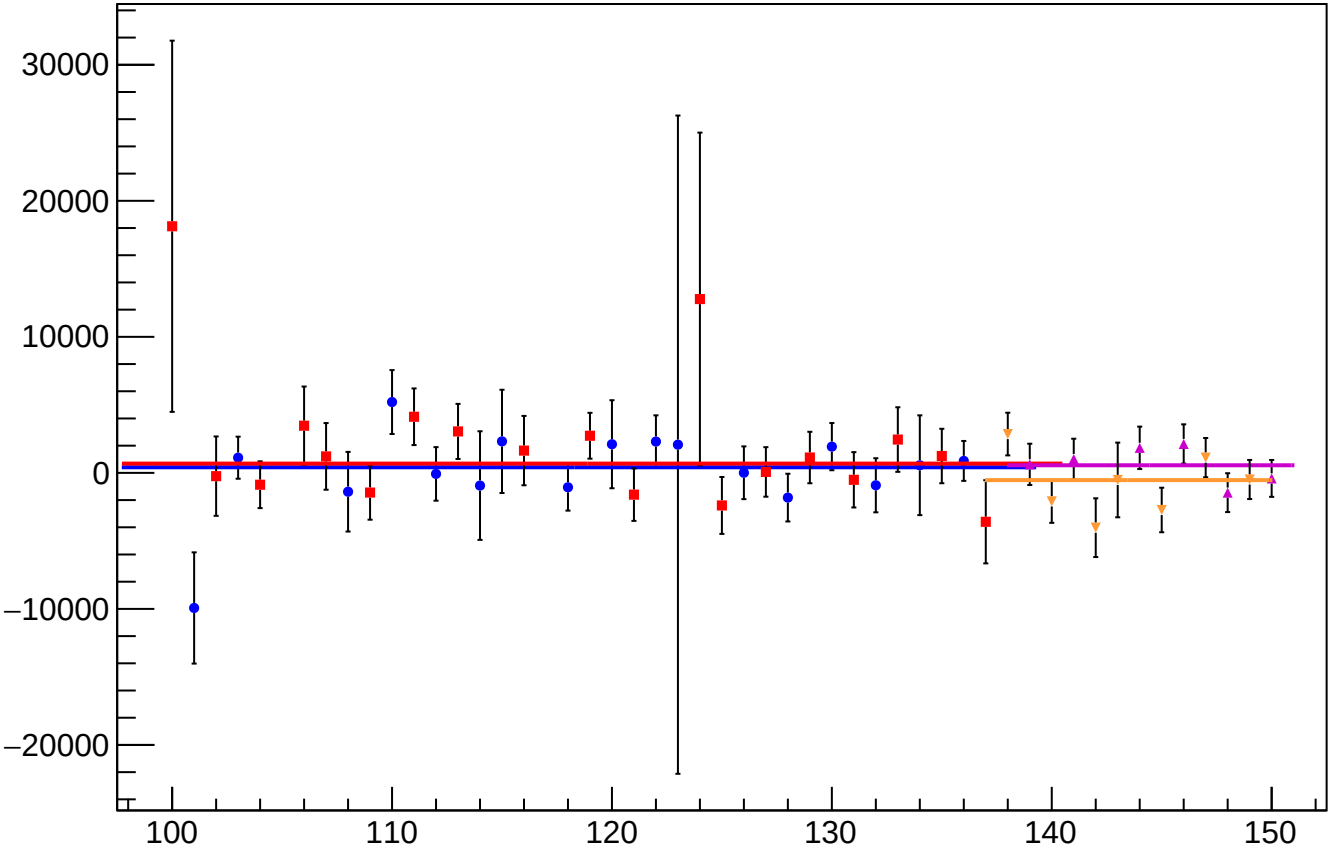
Left In: 4044.072+/-1.288 χ^2/NDF:76828.7/5

+ sign 3795.718+/-0.796 χ^2/NDF: 523210.4/23

All: 3753.676+/-0.555 χ^2/NDF: 1263509.2/48

- sign 3714.048+/-0.773 χ^2/NDF: 734880.3/24

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -533.277+/-633.313 χ^2/NDF:11.4/6

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

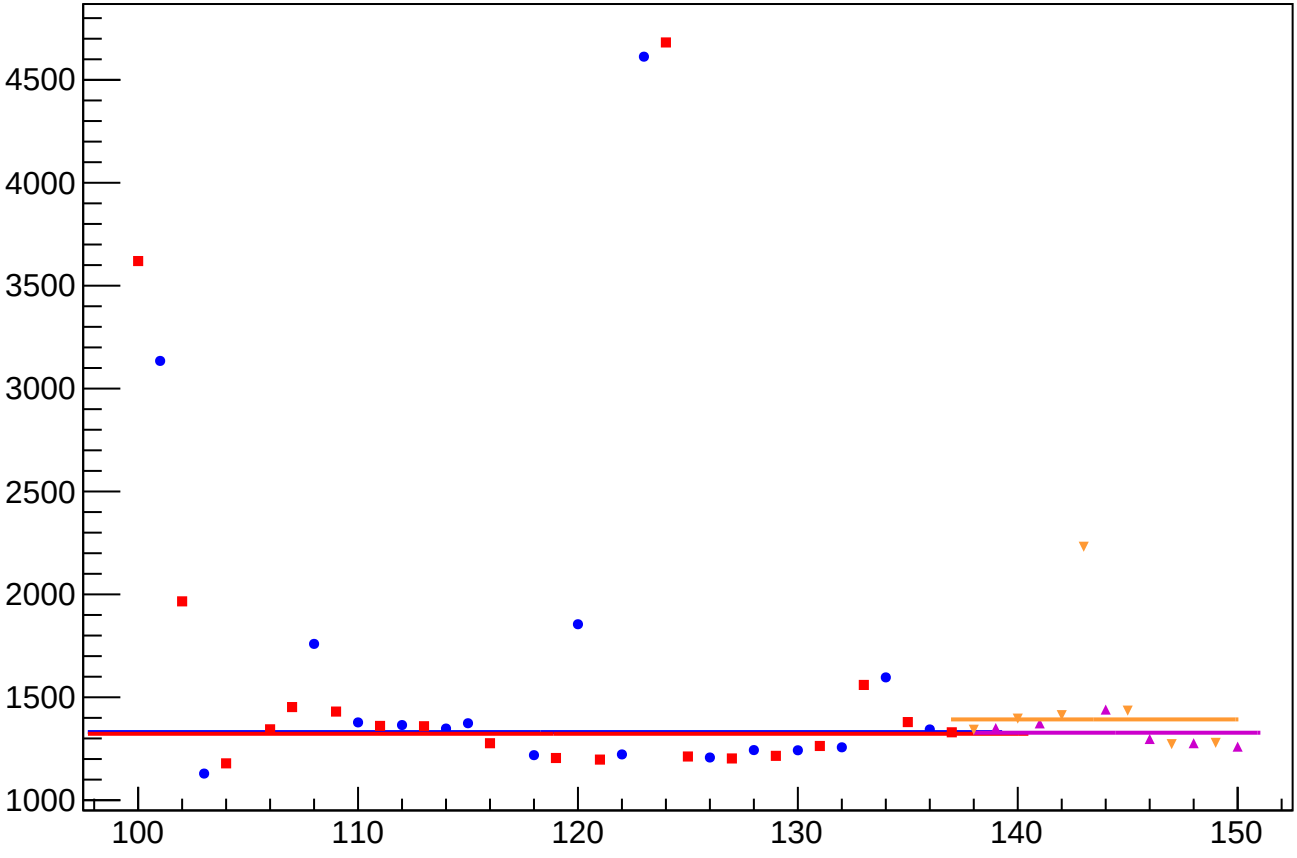
Left In: 558.885+/-596.693 χ^2/NDF:4.4/5

+ sign 24.058+/-405.537 χ^2/NDF: 29.2/23

All: 340.647+/-280.266 χ^2/NDF: 52.9/48

- sign 630.107+/-387.772 χ^2/NDF: 22.5/24

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1392.507+/-0.448 χ^2/NDF:216981.6/6

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

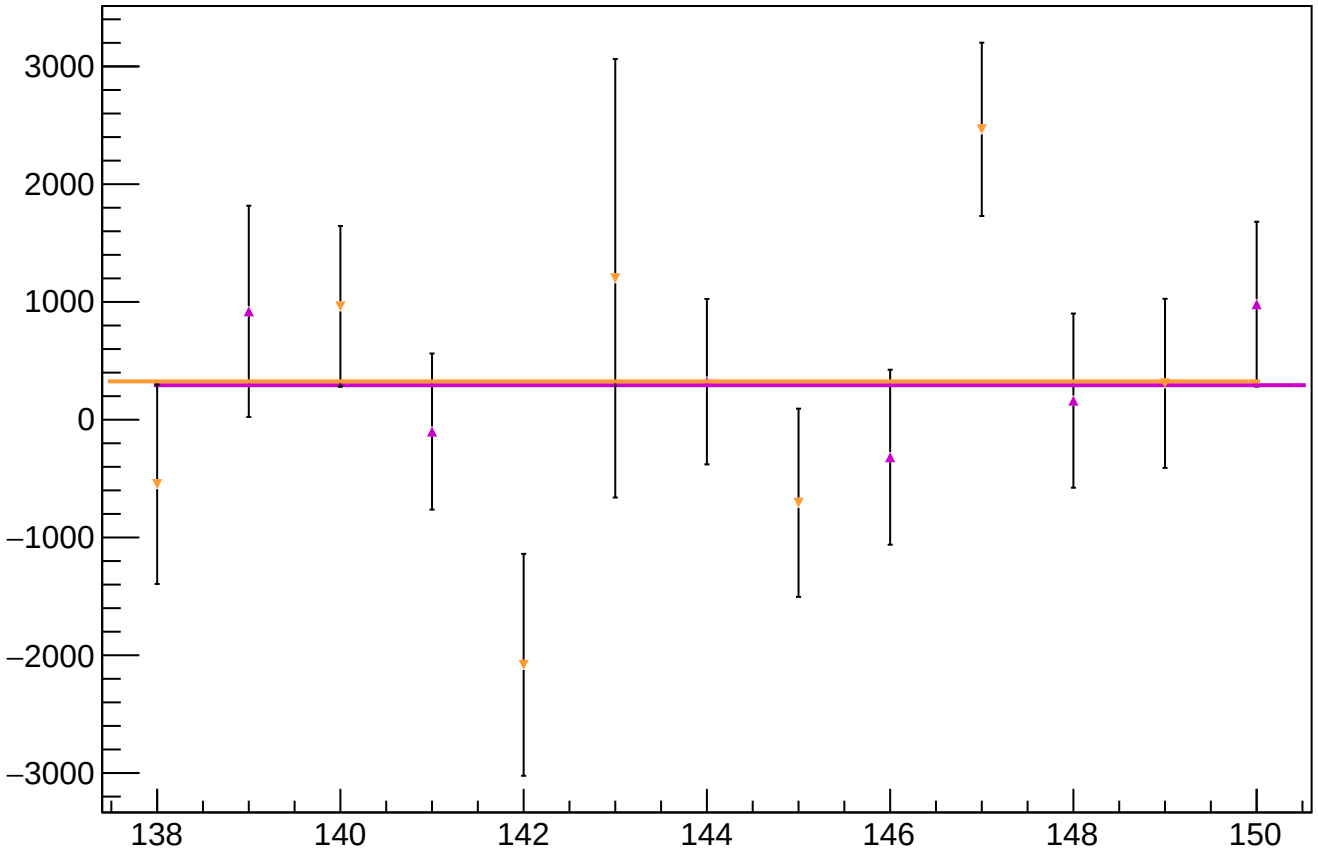
Left In: 1327.858+/-0.422 χ^2/NDF:21111.6/5

+ sign 1356.155+/-0.287 χ^2/NDF: 831625.5/23

All: 1339.818+/-0.198 χ^2/NDF: 1253449.9/48

- sign 1324.881+/-0.274 χ^2/NDF: 415611.3/24

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 325.773+/-311.517 χ^2/NDF:18.8/6

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

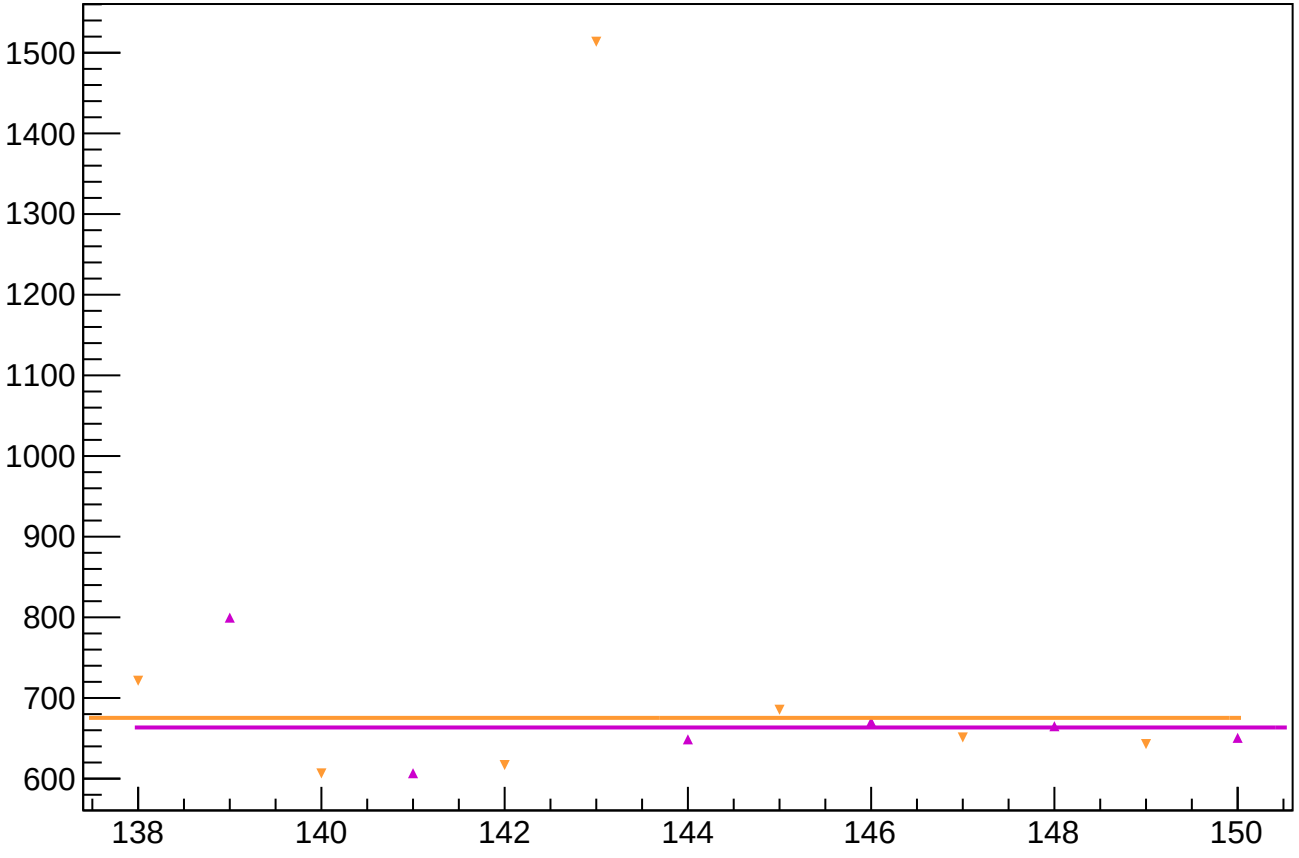
Left In: 293.199+/-298.426 χ^2/NDF:2.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 308.787+/-215.499 χ^2/NDF: 21.3/12

- 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: 675.347+/-0.220 χ^2/NDF:446127.8/6

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

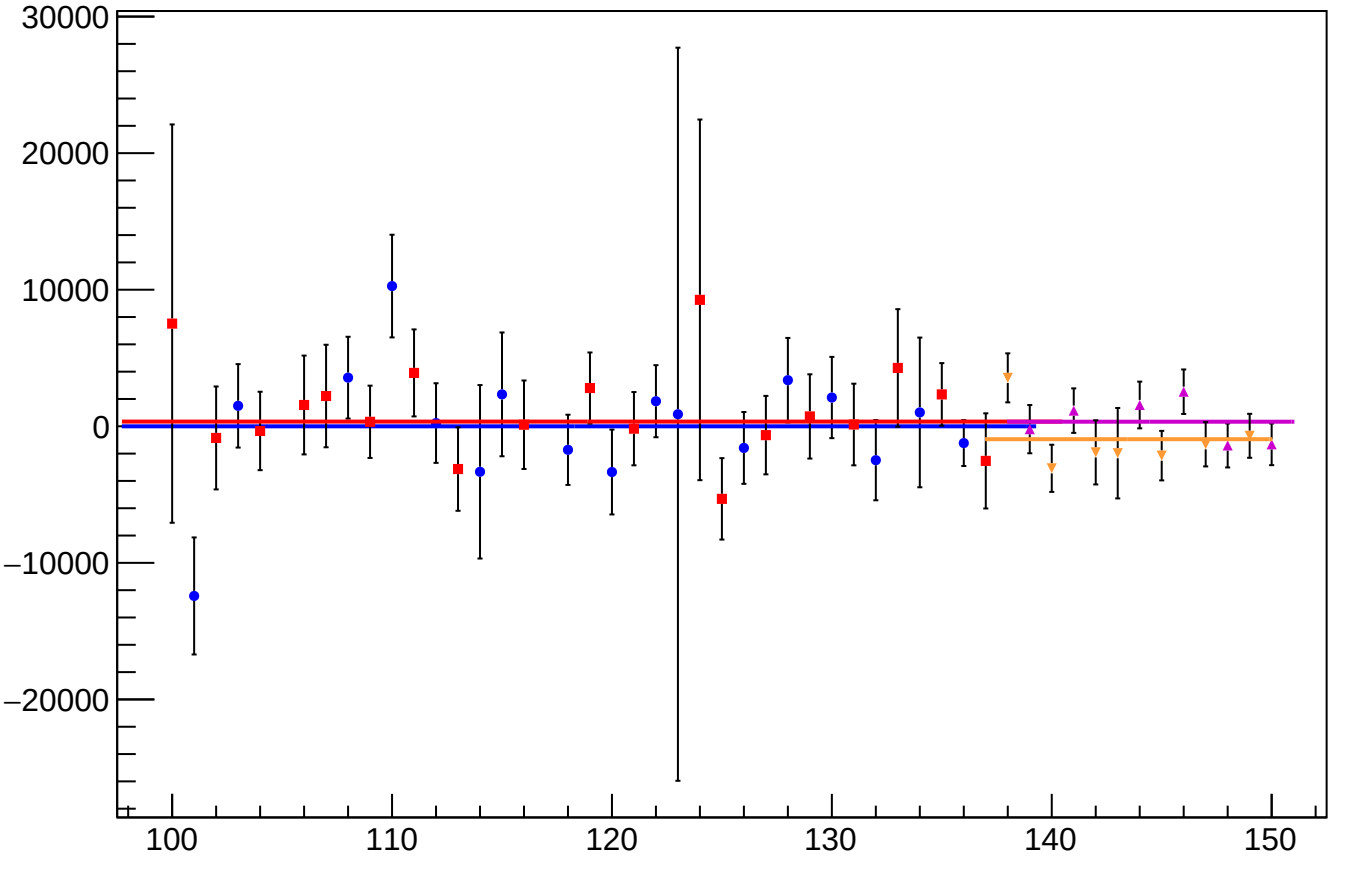
Left In: 663.432+/-0.211 χ^2/NDF:62520.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 669.134+/-0.152 χ^2/NDF: 510173.5/12

- 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: -945.251+/-709.130 χ^2/NDF:8.6/6

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

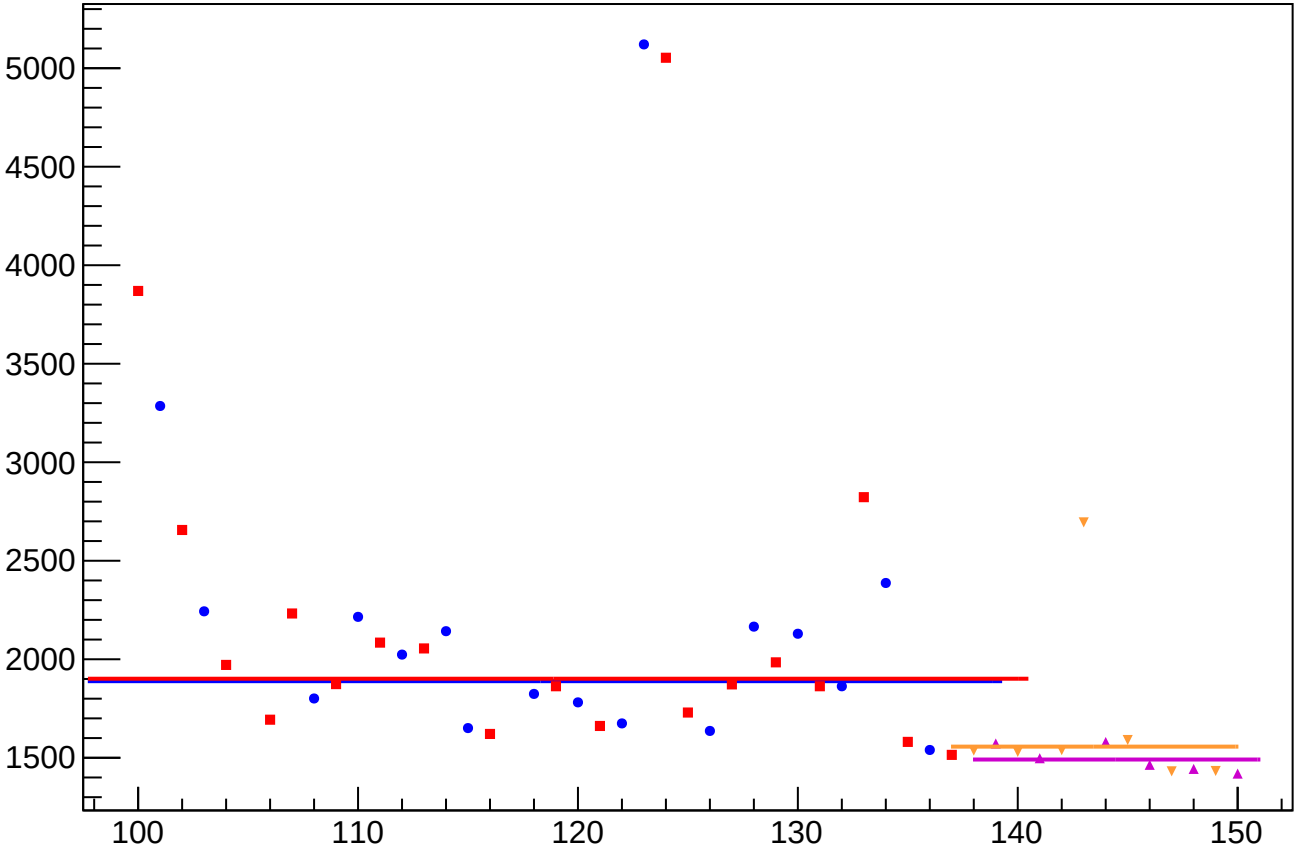
Left In: 335.769+/-669.631 χ^2/NDF:5.0/5

+ sign -497.014+/-513.664 χ^2/NDF: 32.9/23

All: -62.680+/-356.288 χ^2/NDF: 50.0/48

- sign 340.031+/-494.610 χ^2/NDF: 15.7/24

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1556.639+/-0.501 χ^2/NDF:261603.7/6

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

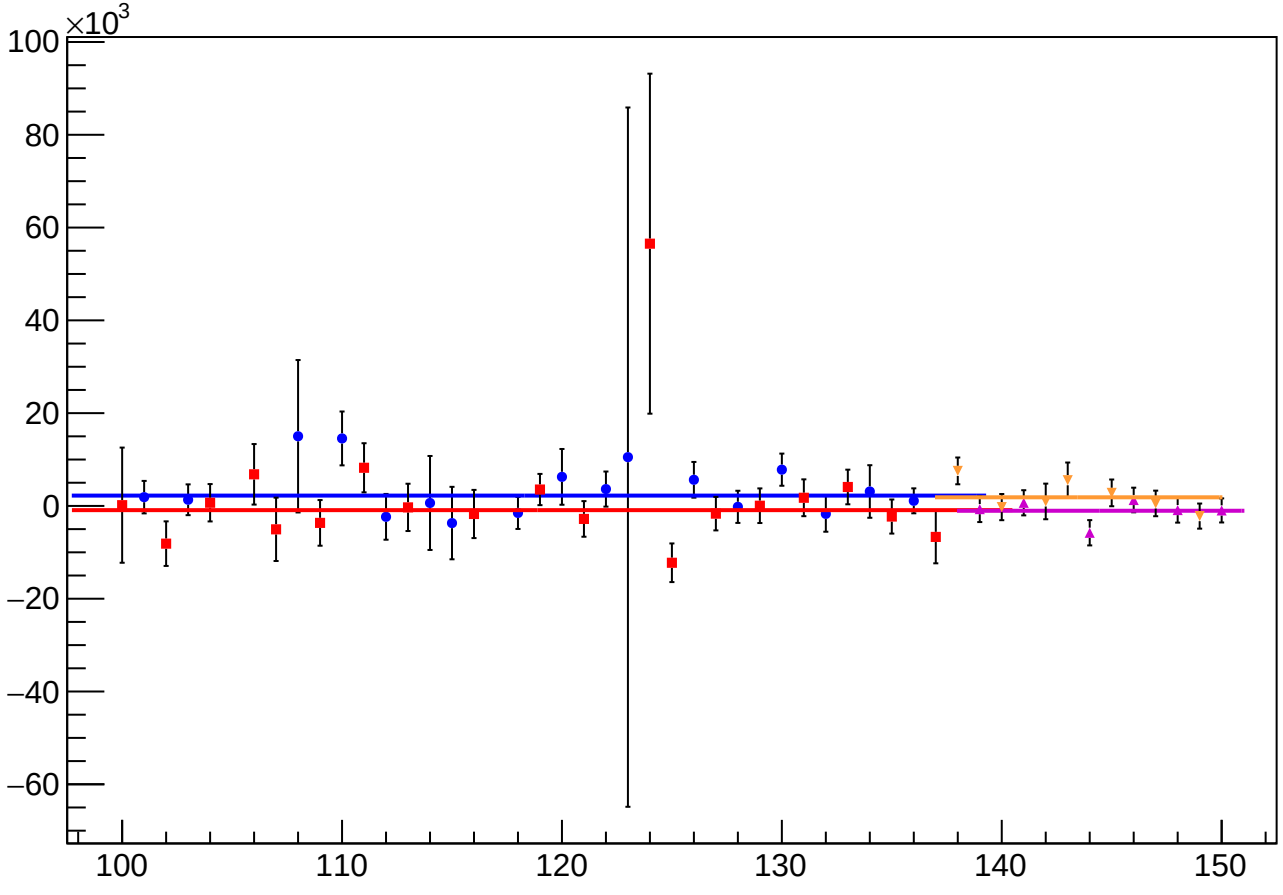
Left In: 1491.128+/-0.474 χ^2/NDF:16350.4/5

+ sign 1714.523+/-0.363 χ^2/NDF: 936029.3/23

All: 1695.312+/-0.252 χ^2/NDF: 1760113.3/48

- sign 1677.500+/-0.350 χ^2/NDF: 818692.5/24

dit_asym_atl1_mean vs Slug



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

Left Out: 1858.969+/-1138.783 χ^2/NDF:8.0/6

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

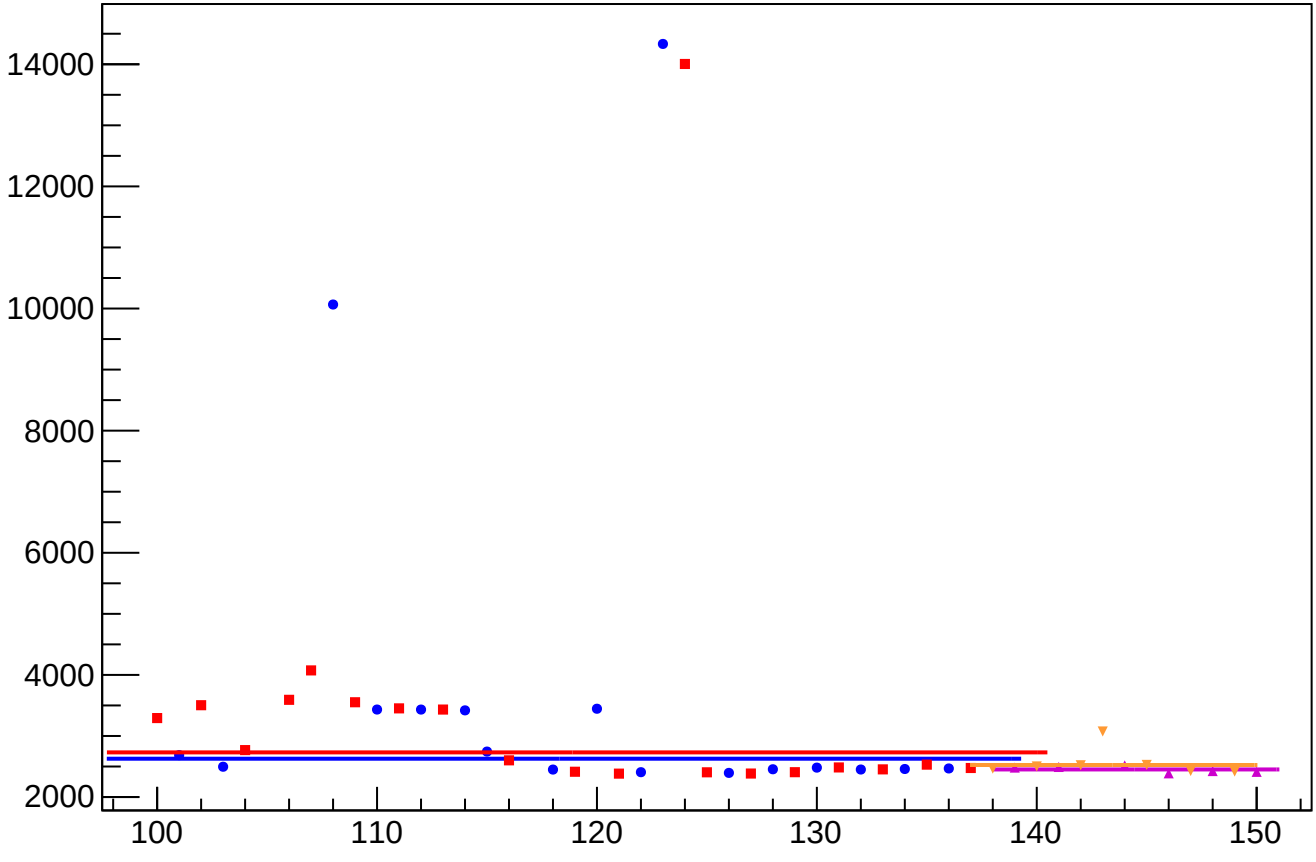
Left In: -1040.261+/-1100.635 χ^2/NDF:4.2/5

+ sign 2060.043+/-767.657 χ^2/NDF: 21.6/23

All: 526.564+/-539.566 χ^2/NDF: 56.6/48

- sign -970.736+/-758.547 χ^2/NDF: 27.1/24

dit_asym_atl1_rms vs Slug



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

Left Out: 2524.710+/-0.805 χ^2/NDF:48155.6/6

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

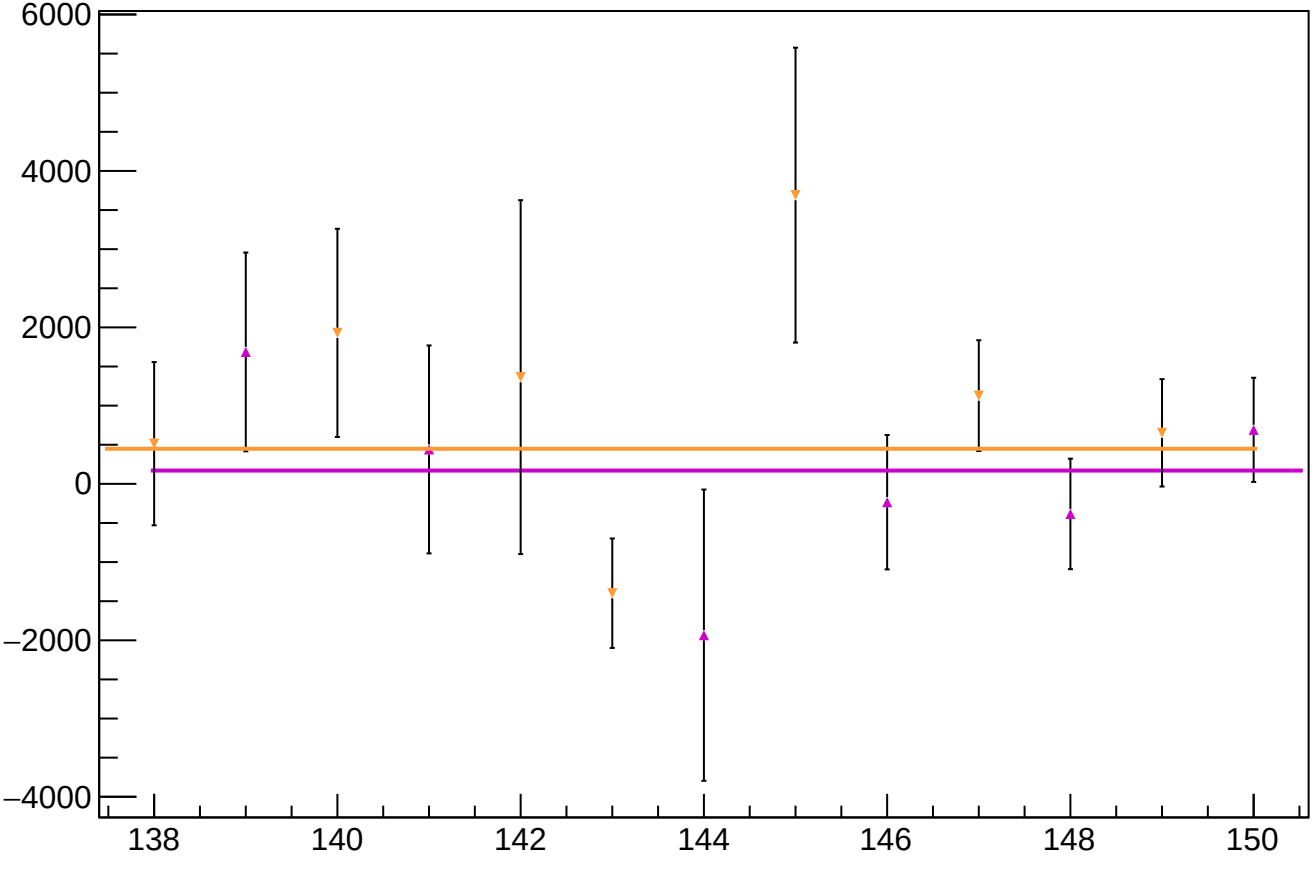
Left In: 2451.850+/-0.778 χ^2/NDF:3672.0/5

+ sign 2580.829+/-0.543 χ^2/NDF: 701454.7/23

All: 2589.795+/-0.382 χ^2/NDF: 1371549.4/48

- sign 2598.550+/-0.536 χ^2/NDF: 669555.4/24

asym_atl1_correction_mean vs Slug



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

Left Out: 448.781+/-350.920 χ^2/NDF:12.3/6

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

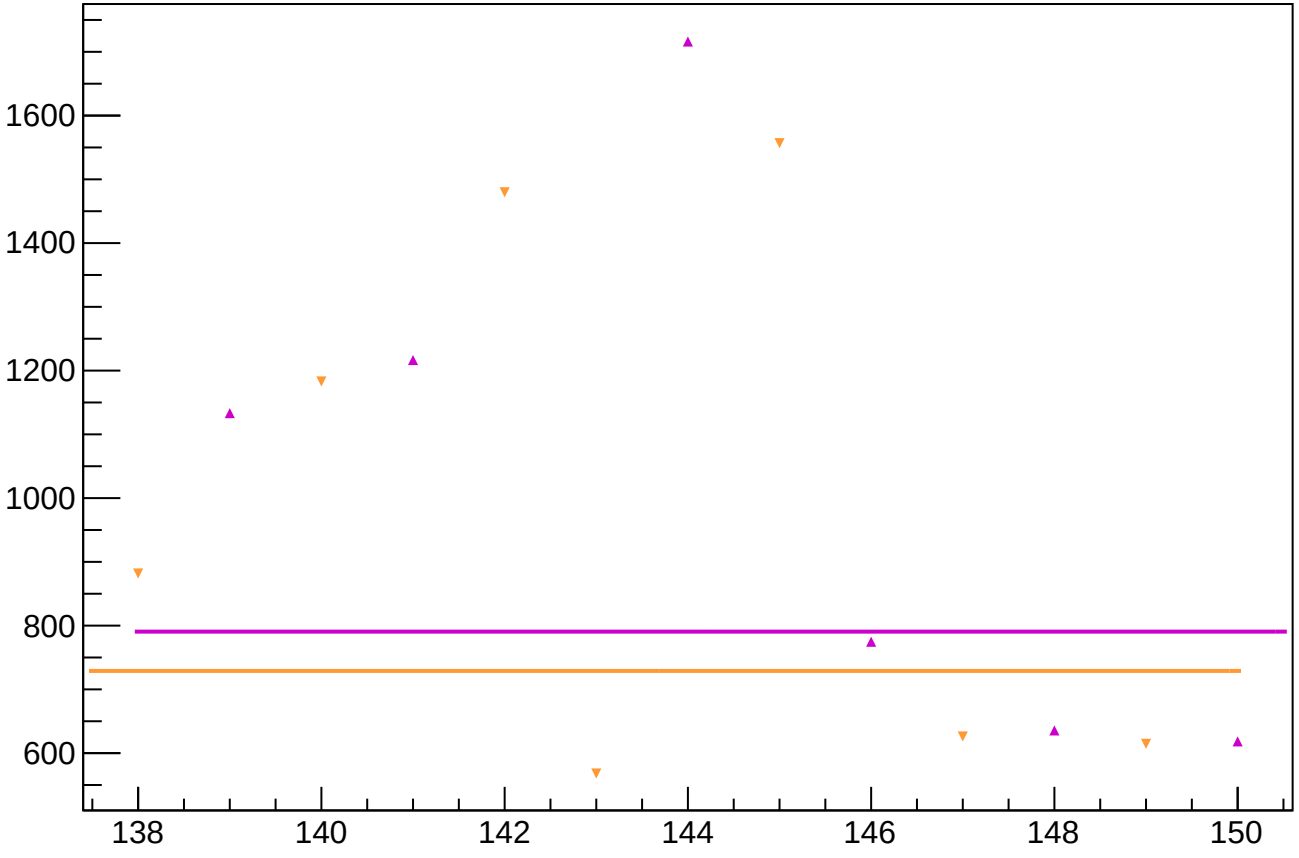
Left In: 170.097+/-375.530 χ^2/NDF:4.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 318.869+/-256.397 χ^2/NDF: 16.8/12

- 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: 728.943+/-0.248 χ^2/NDF:1085228.0/6

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

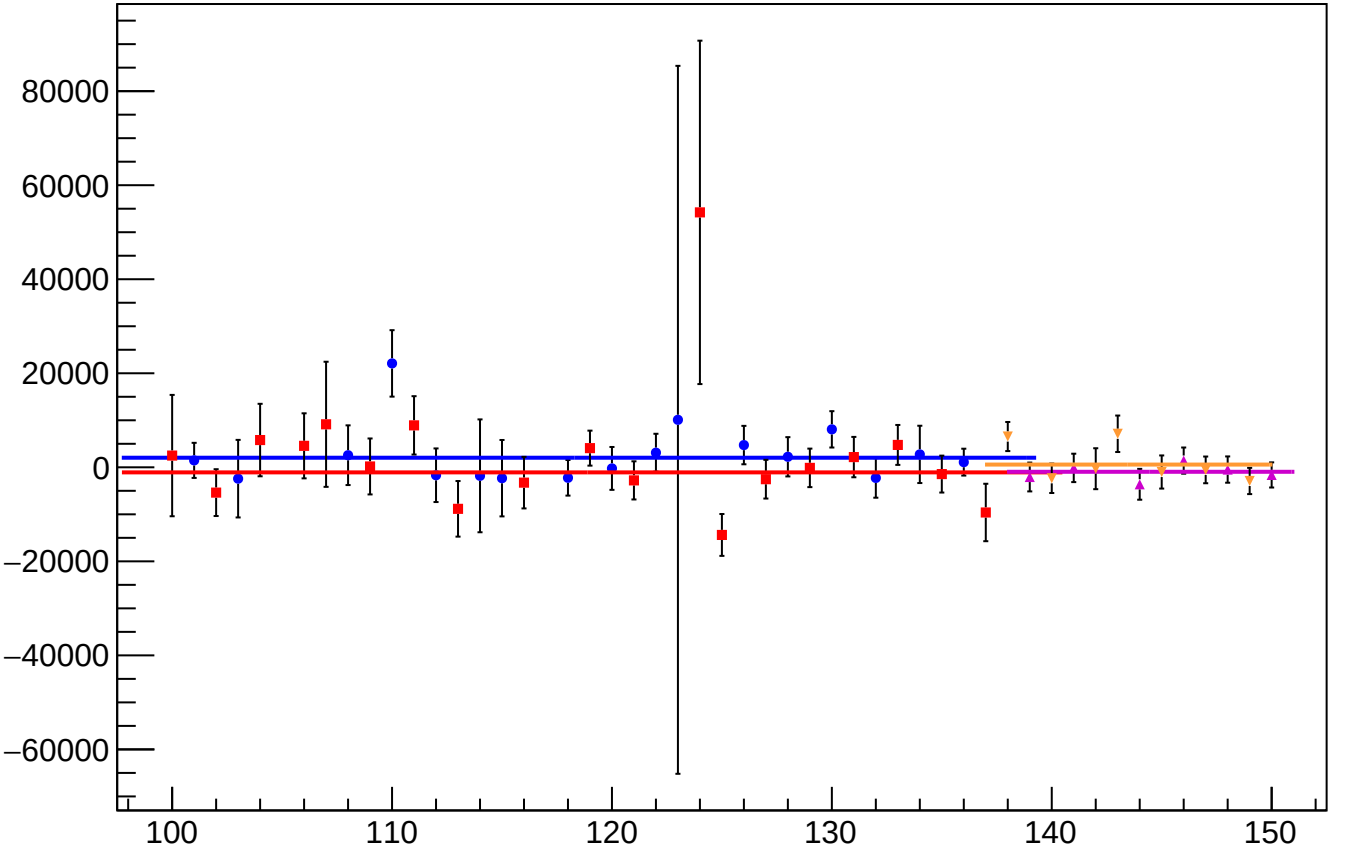
Left In: 790.569+/-0.266 χ^2/NDF:1076113.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 757.671+/-0.181 χ^2/NDF: 2190094.1/12

- 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: 582.122+/-1232.522 χ^2/NDF:9.4/6

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

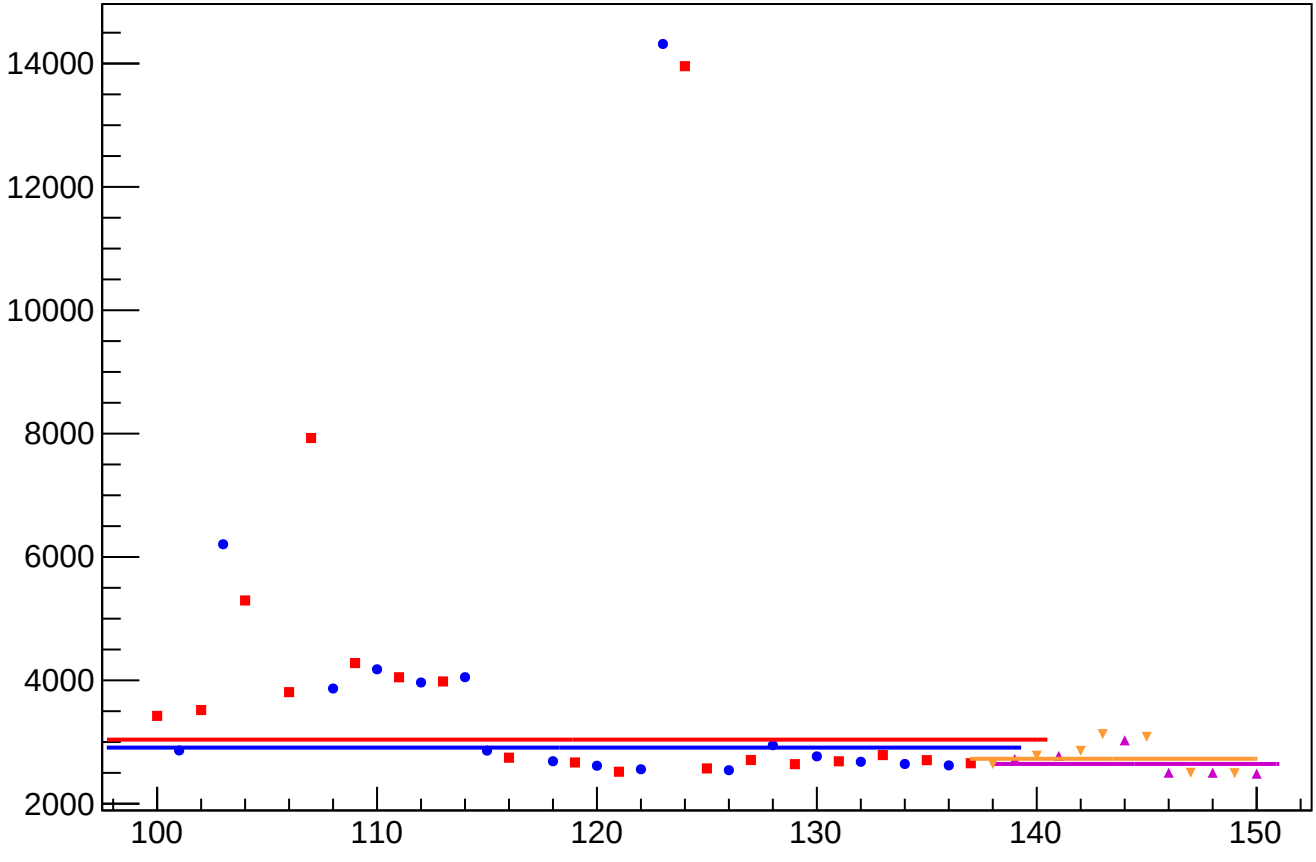
Left In: -954.486+/-1190.190 χ^2/NDF:1.7/5

+ sign 1359.428+/-841.388 χ^2/NDF: 25.0/23

All: 169.490+/-594.581 χ^2/NDF: 56.0/48

- sign -1017.492+/-840.343 χ^2/NDF: 27.0/24

asym_atl1_rms vs Slug



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

Left Out: 2728.252+/-0.872 χ^2/NDF:72119.6/6

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

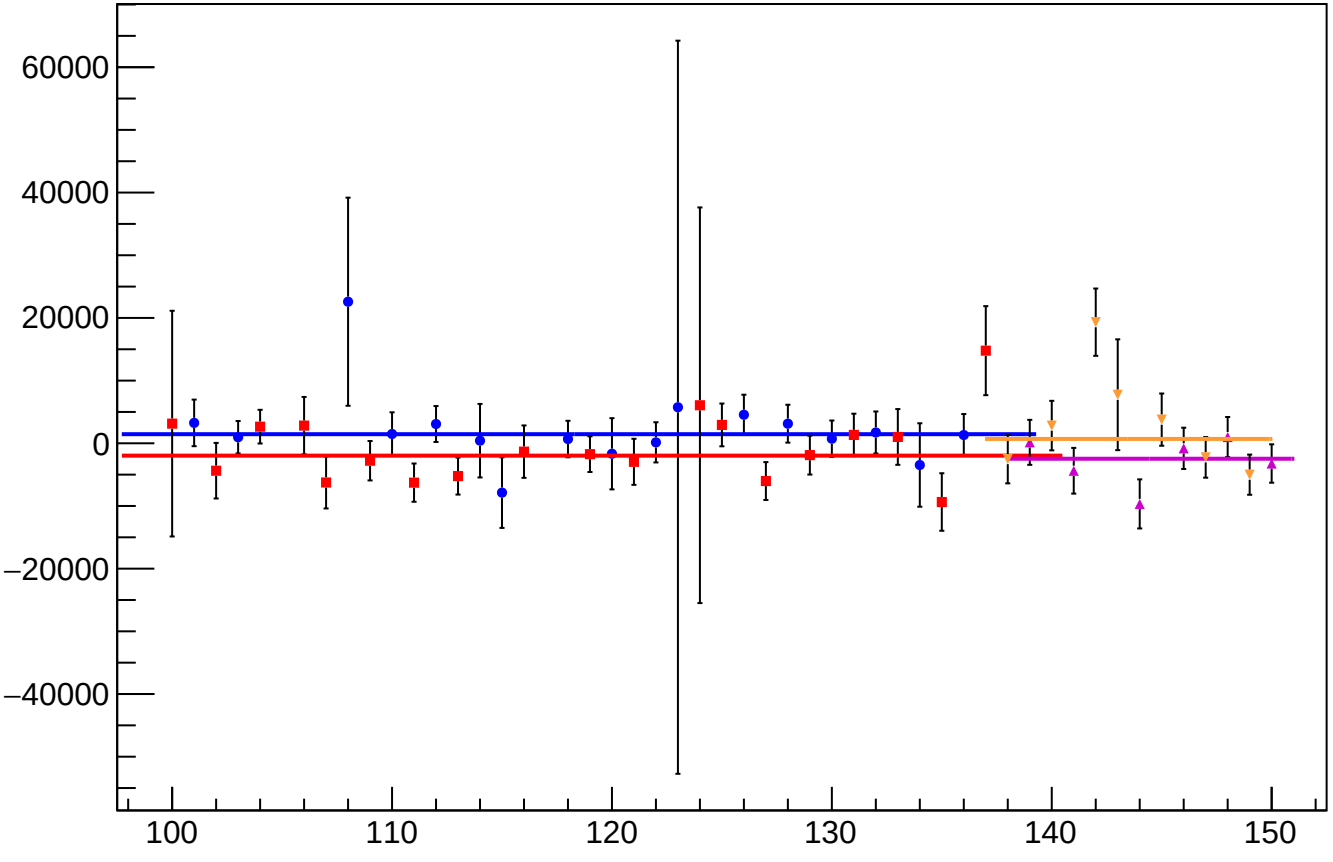
Left In: 2644.466+/-0.842 χ^2/NDF:49632.5/5

+ sign 2825.159+/-0.595 χ^2/NDF: 737168.4/23

All: 2833.779+/-0.420 χ^2/NDF: 1908802.9/48

- sign 2842.377+/-0.594 χ^2/NDF: 1171215.3/24

dit_asym_atl2_mean vs Slug



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

Left Out: 694.986+/-1527.724 χ^2/NDF:18.2/6

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

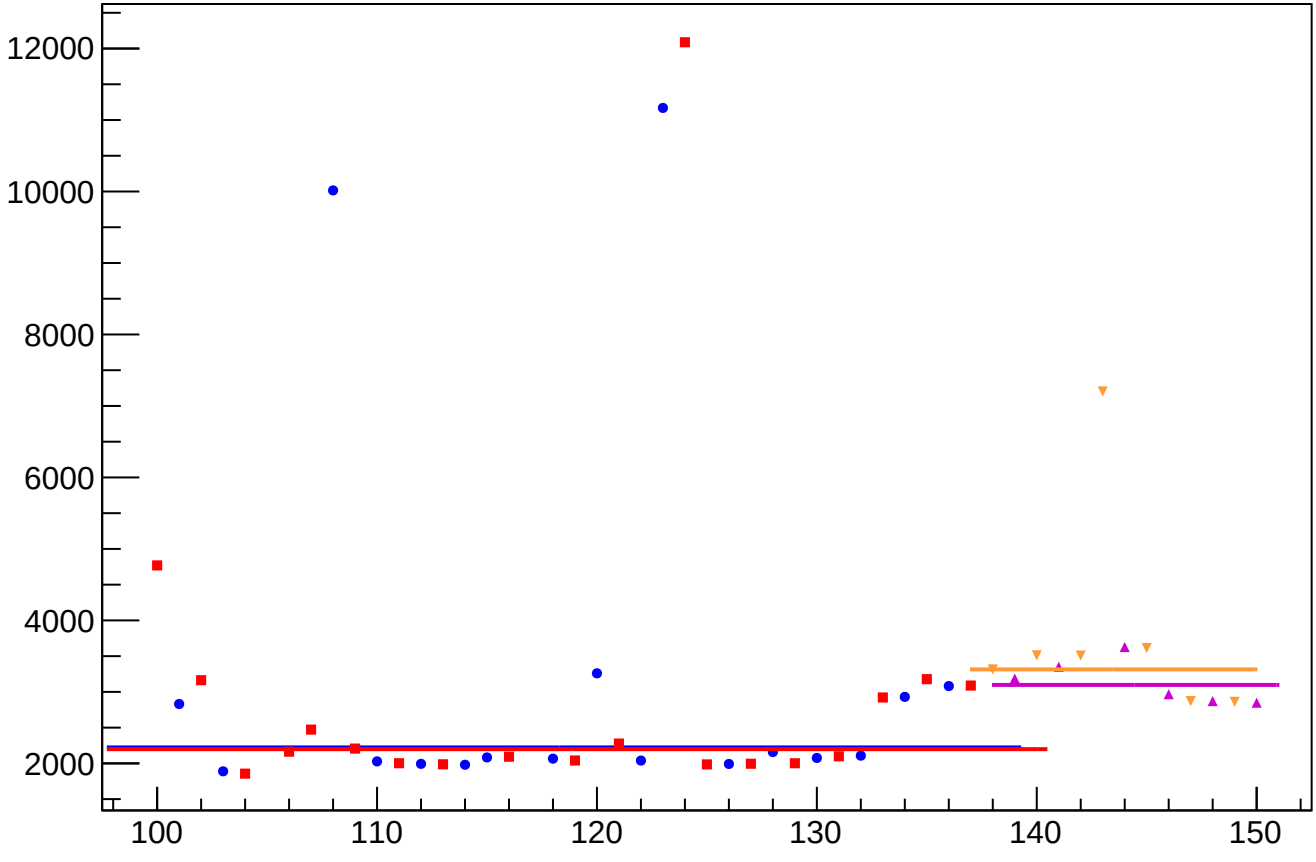
Left In: -2464.455+/-1393.858 χ^2/NDF:5.7/5

+ sign 1260.486+/-768.380 χ^2/NDF: 25.8/23

All: -516.830+/-527.711 χ^2/NDF: 64.0/48

- sign -2103.549+/-726.012 χ^2/NDF: 28.2/24

dit_asym_atl2_rms vs Slug



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

Left Out: 3314.508+/-1.080 χ^2/NDF:482284.9/6

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

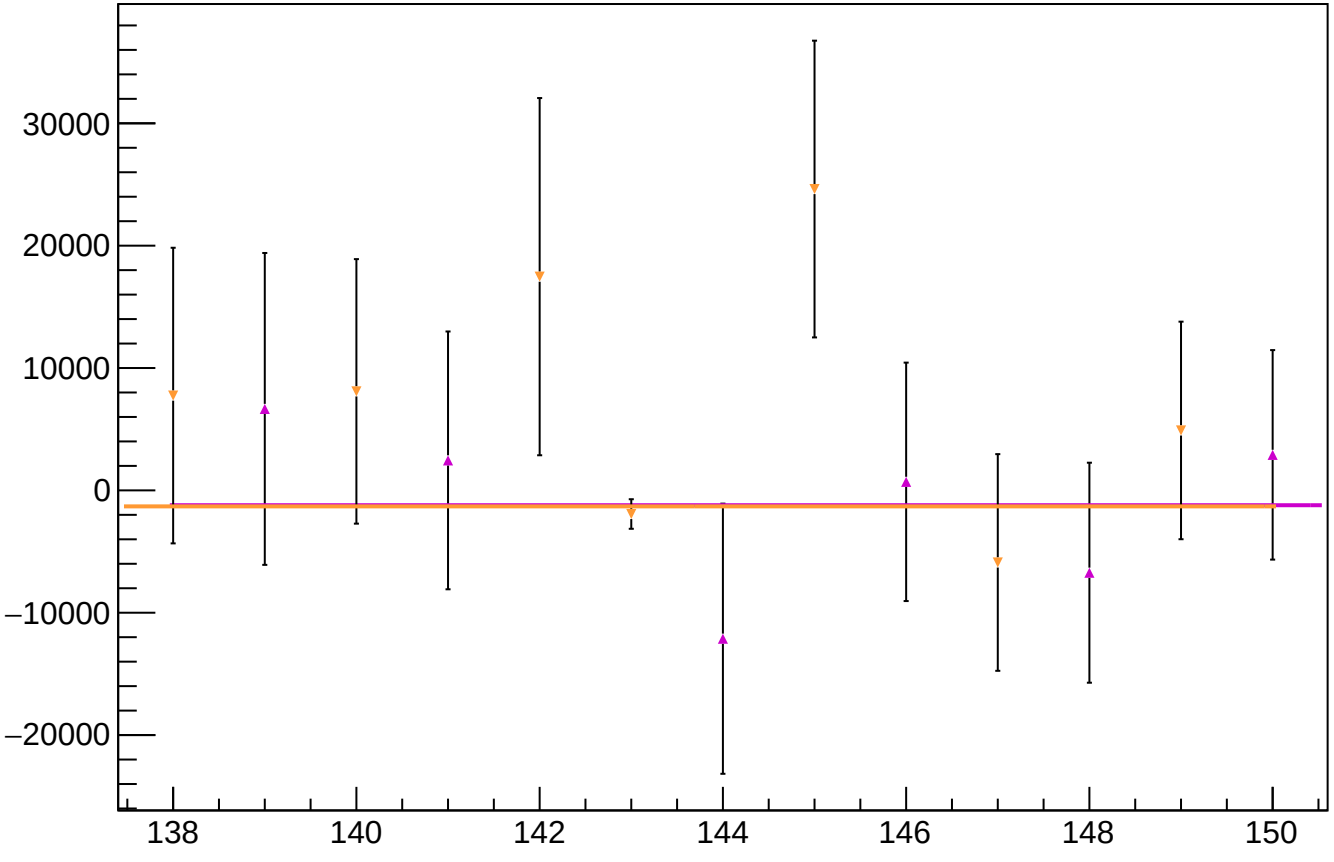
Left In: 3097.311+/-0.986 χ^2/NDF:73784.8/5

+ sign 2499.213+/-0.543 χ^2/NDF: 2095056.9/23

All: 2469.118+/-0.373 χ^2/NDF: 3382959.5/48

- sign 2442.280+/-0.513 χ^2/NDF: 1282098.6/24

asym_atl2_correction_mean vs Slug



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

Left Out: -1308.533+/-1164.979 χ^2/NDF:8.6/6

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

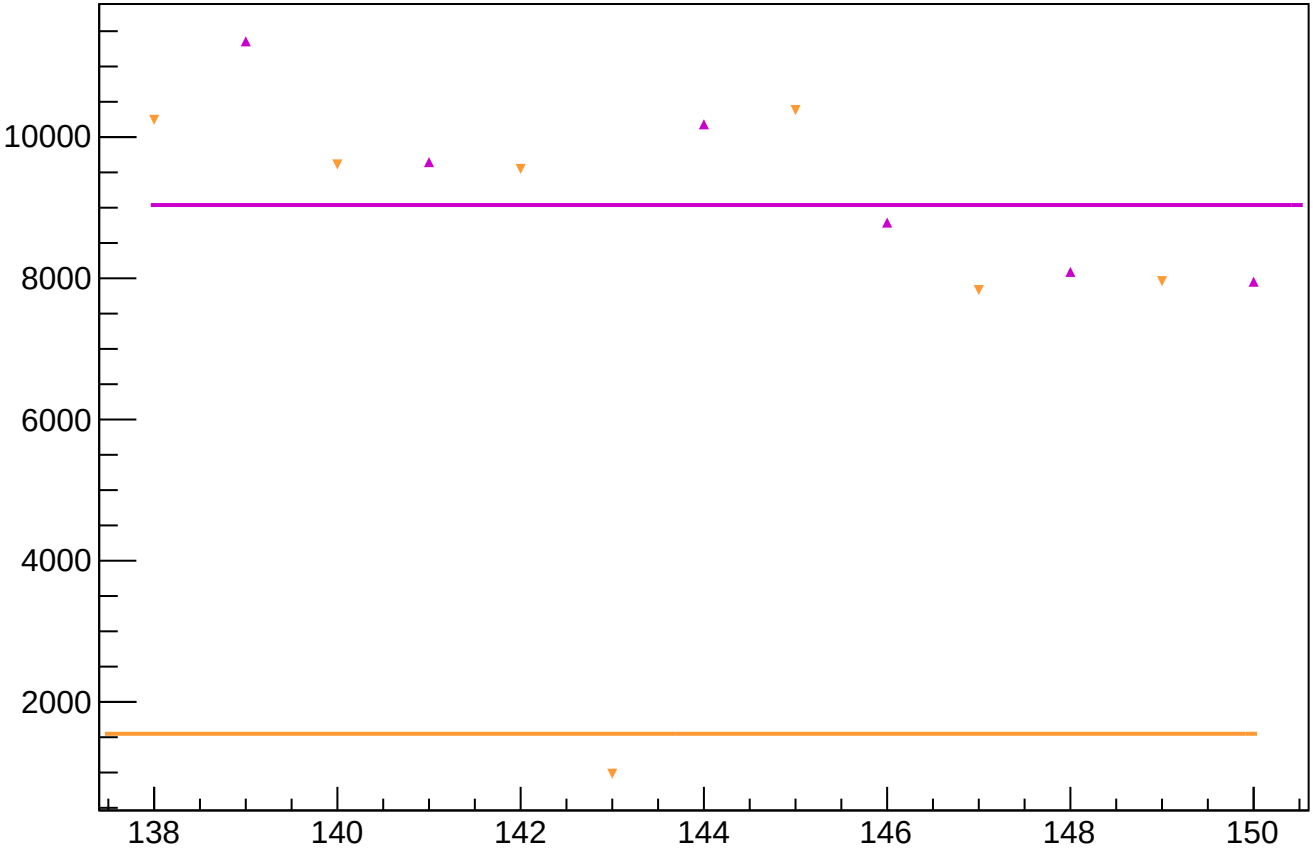
Left In: -1213.583+/-4085.395 χ^2/NDF:2.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1301.393+/-1120.320 χ^2/NDF: 10.7/12

- 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: 1548.851+/-0.824 χ^2/NDF:6297135.7/6

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

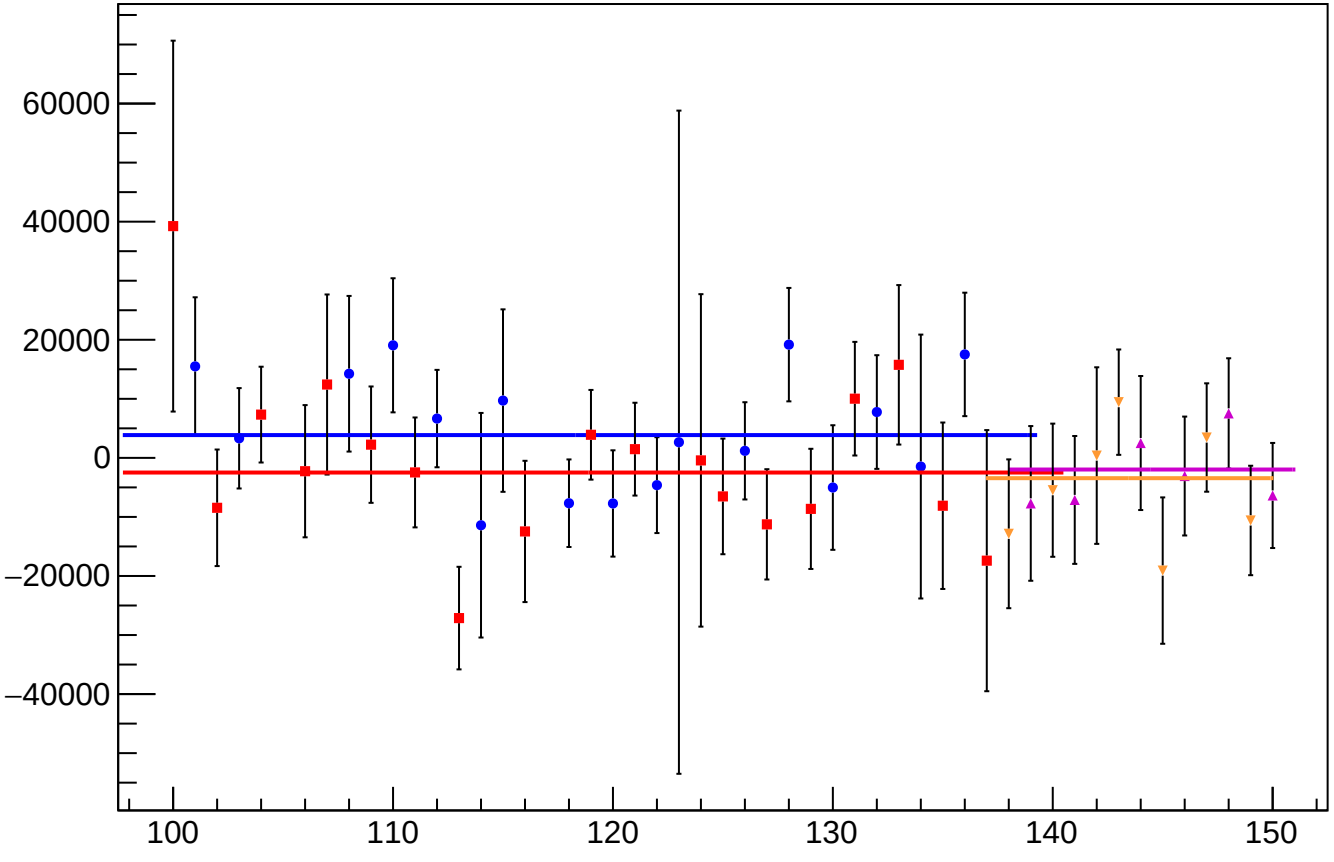
Left In: 9037.816+/-2.889 χ^2/NDF:149957.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2112.019+/-0.792 χ^2/NDF: 12662267.9/1

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_mean vs Slug



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

Left Out: -3438.348+/-4041.377 χ^2/NDF:5.5/6

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

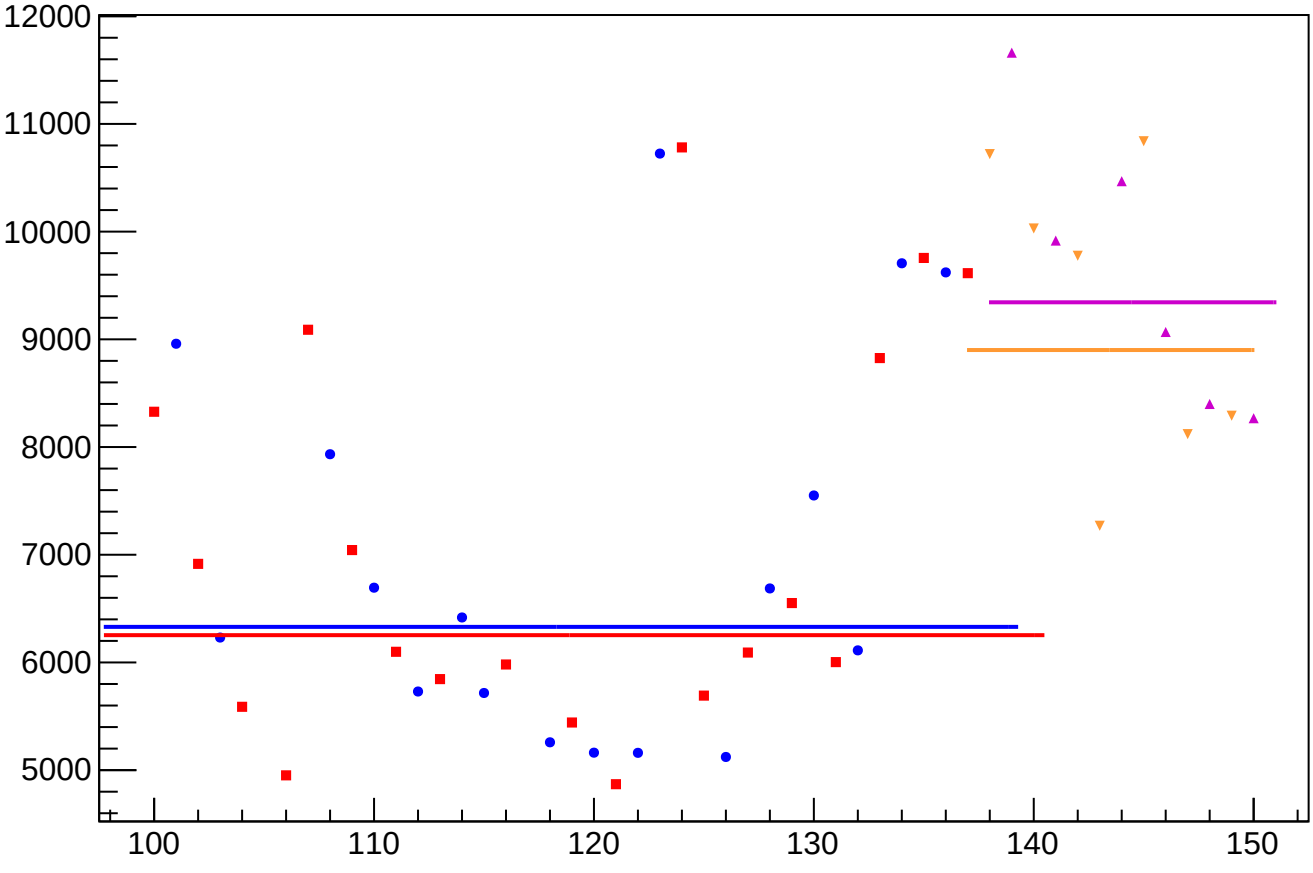
Left In: -1971.767+/-4222.561 χ^2/NDF:1.9/5

+ sign 1829.749+/-2131.482 χ^2/NDF: 22.6/23

All: -294.010+/-1496.104 χ^2/NDF: 46.5/48

- sign -2356.439+/-2100.479 χ^2/NDF: 21.9/24

asym_atl2_rms vs Slug



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

Left Out: 8900.634+/-2.858 χ^2/NDF:207508.8/6

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

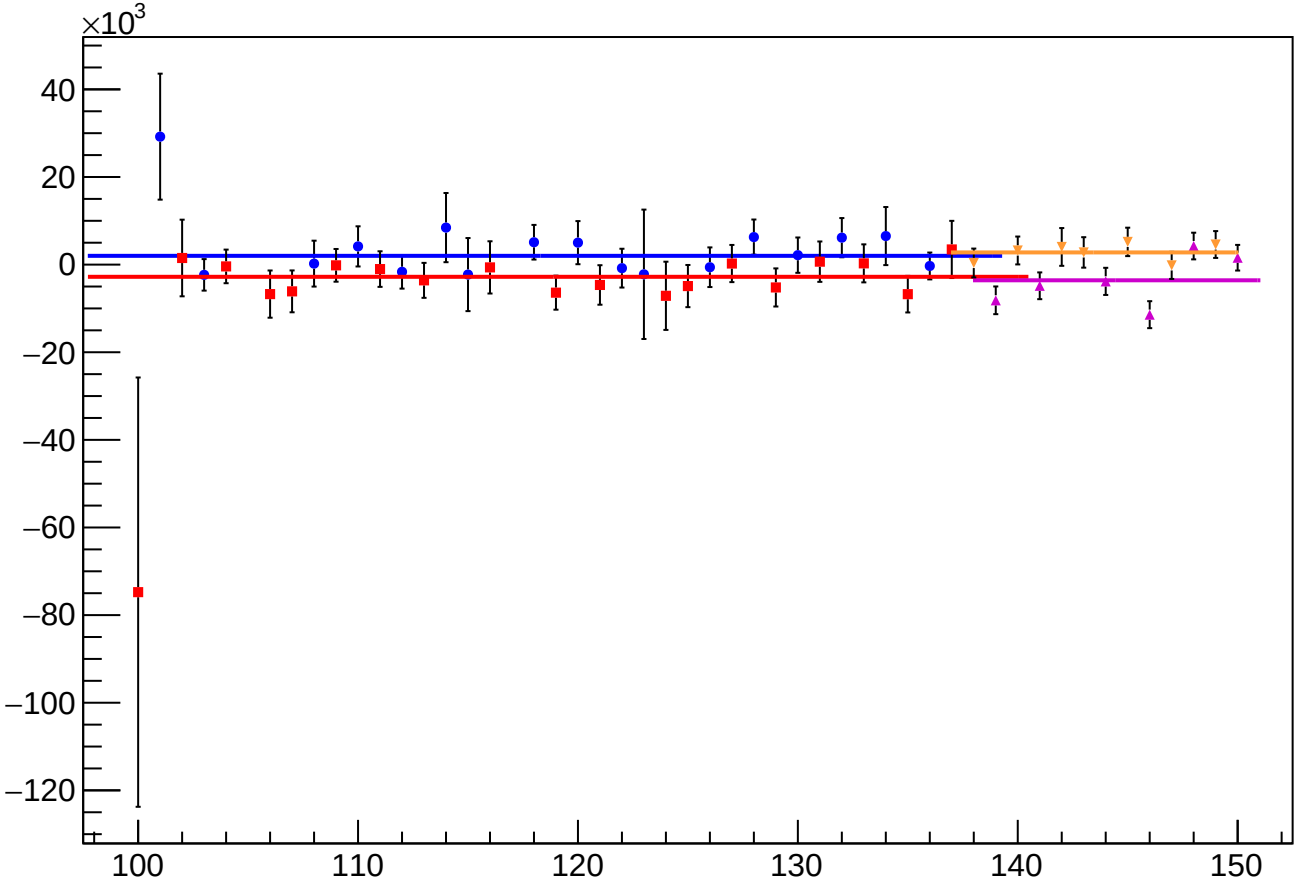
Left In: 9343.748+/-2.986 χ^2/NDF:139035.7/5

+ sign 7045.269+/-1.507 χ^2/NDF: 1384876.1/23

All: 7031.433+/-1.058 χ^2/NDF: 2865662.6/48

- sign 7017.997+/-1.485 χ^2/NDF: 1480620.4/24

dit_asym_atr1_mean vs Slug



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

Left Out: 2783.498+/-1255.832 χ^2/NDF:2.5/6

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

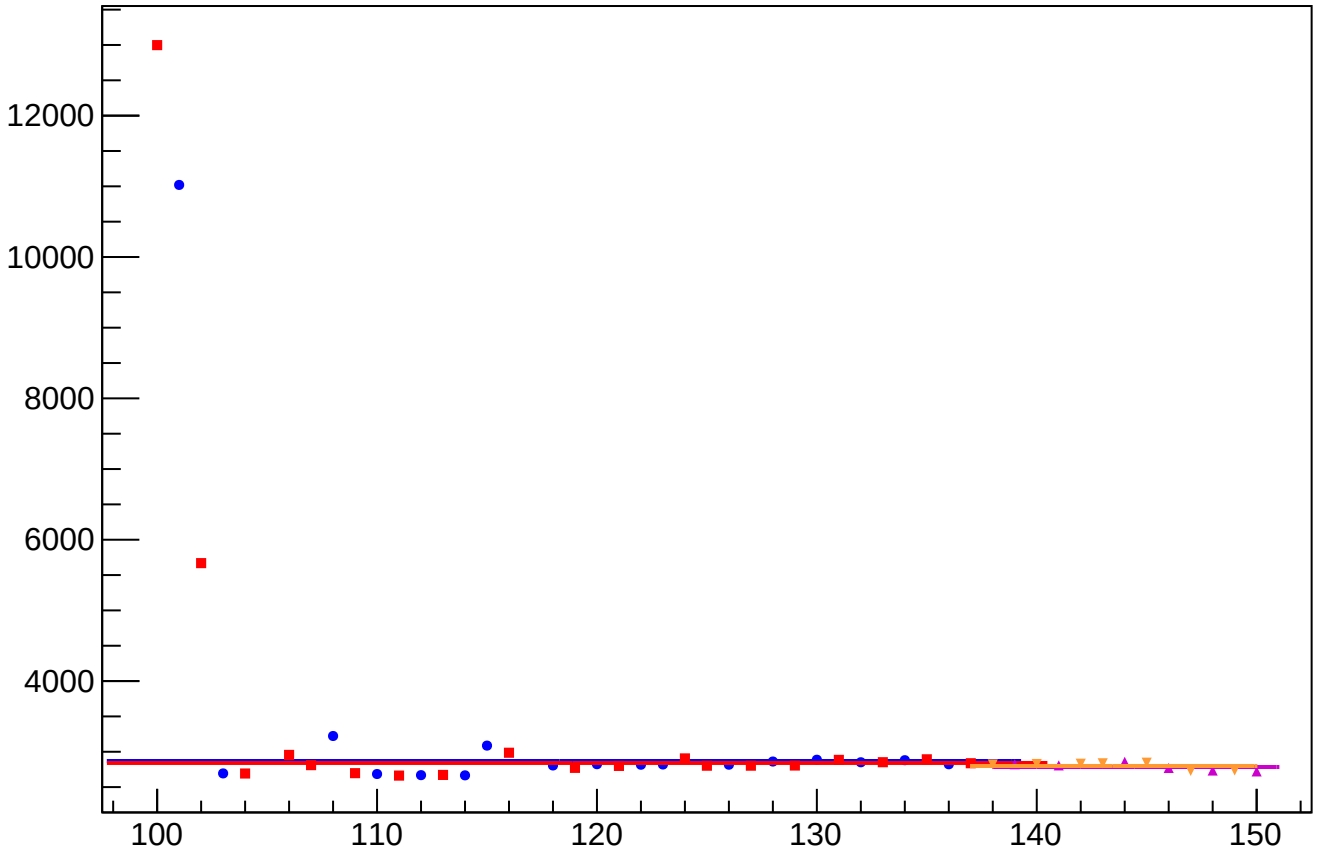
Left In: -3578.754+/-1248.368 χ^2/NDF:18.5/5

+ sign 2354.957+/-841.742 χ^2/NDF: 14.7/23

All: -458.497+/-587.151 χ^2/NDF: 65.1/48

- sign -3124.718+/-819.422 χ^2/NDF: 28.6/24

dit_asym_atr1_rms vs Slug



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

Left Out: 2798.700+/-0.888 χ^2/NDF:2902.3/6

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

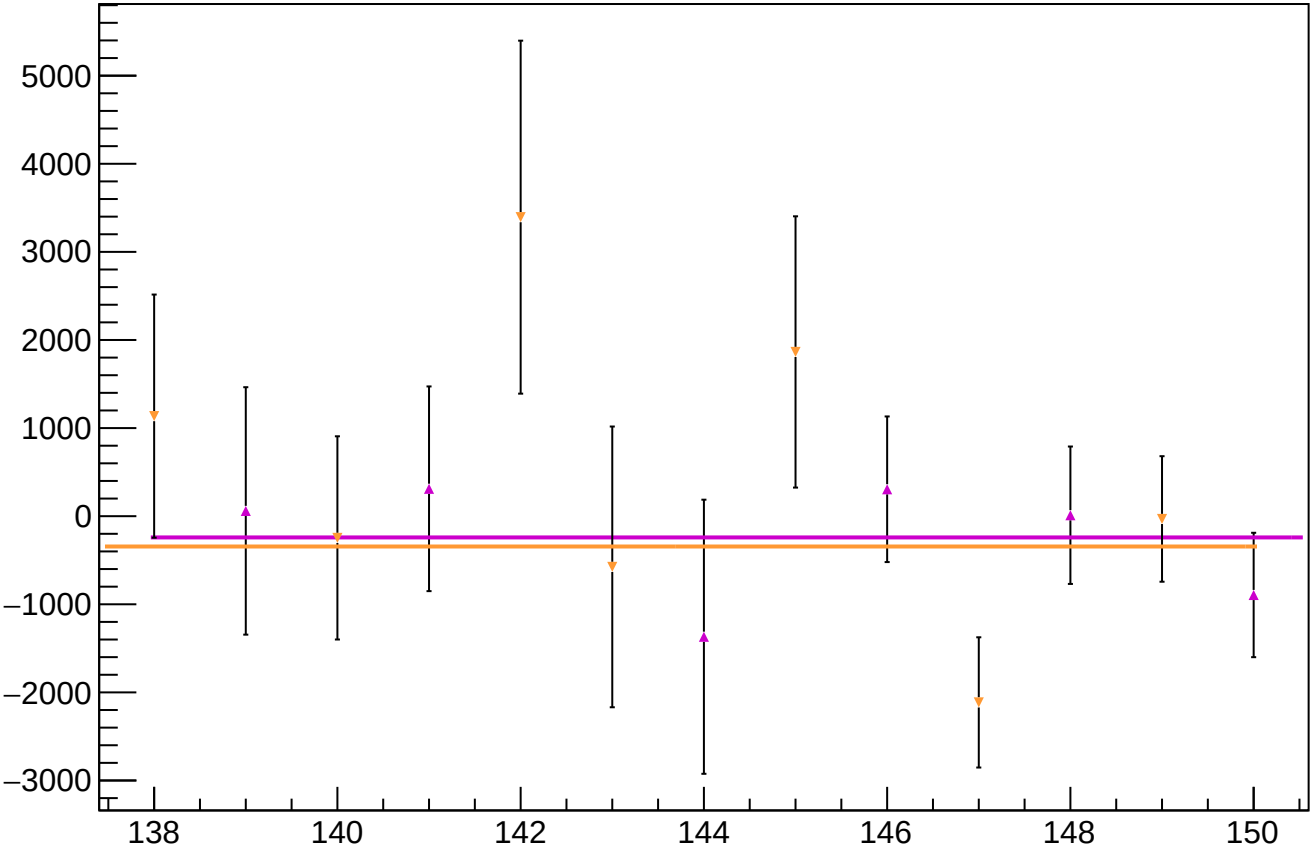
Left In: 2784.170+/-0.883 χ^2/NDF:3024.6/5

+ sign 2837.525+/-0.595 χ^2/NDF: 676273.8/23

All: 2826.902+/-0.415 χ^2/NDF: 994847.7/48

- sign 2816.834+/-0.579 χ^2/NDF: 317953.3/24

asym_atr1_correction_mean vs Slug



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

Left Out: -344.176+/-403.492 χ^2/NDF:12.6/6

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

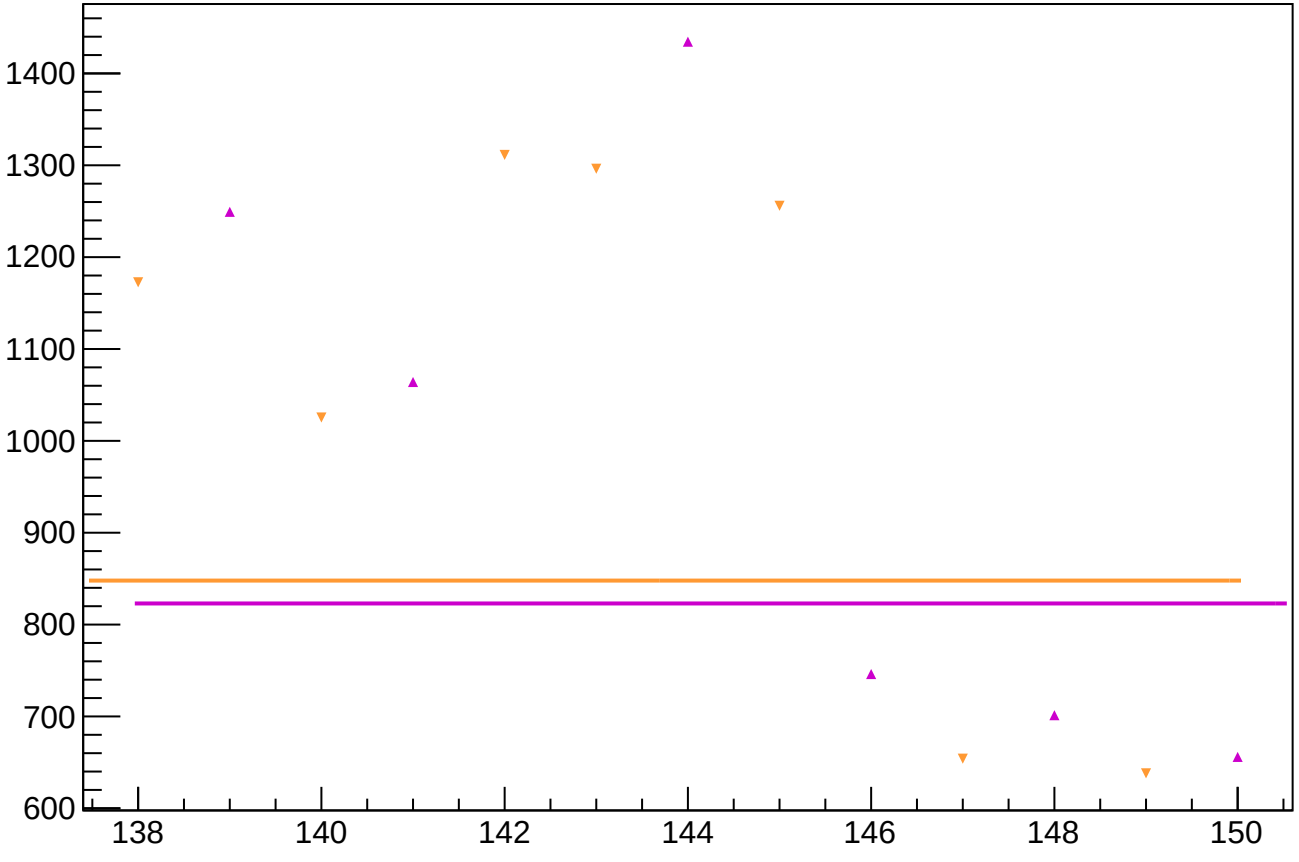
Left In: -241.131+/-384.174 χ^2/NDF:2.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -290.128+/-278.231 χ^2/NDF: 14.9/12

- 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: 847.899+/-0.285 χ^2/NDF:875094.7/6

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

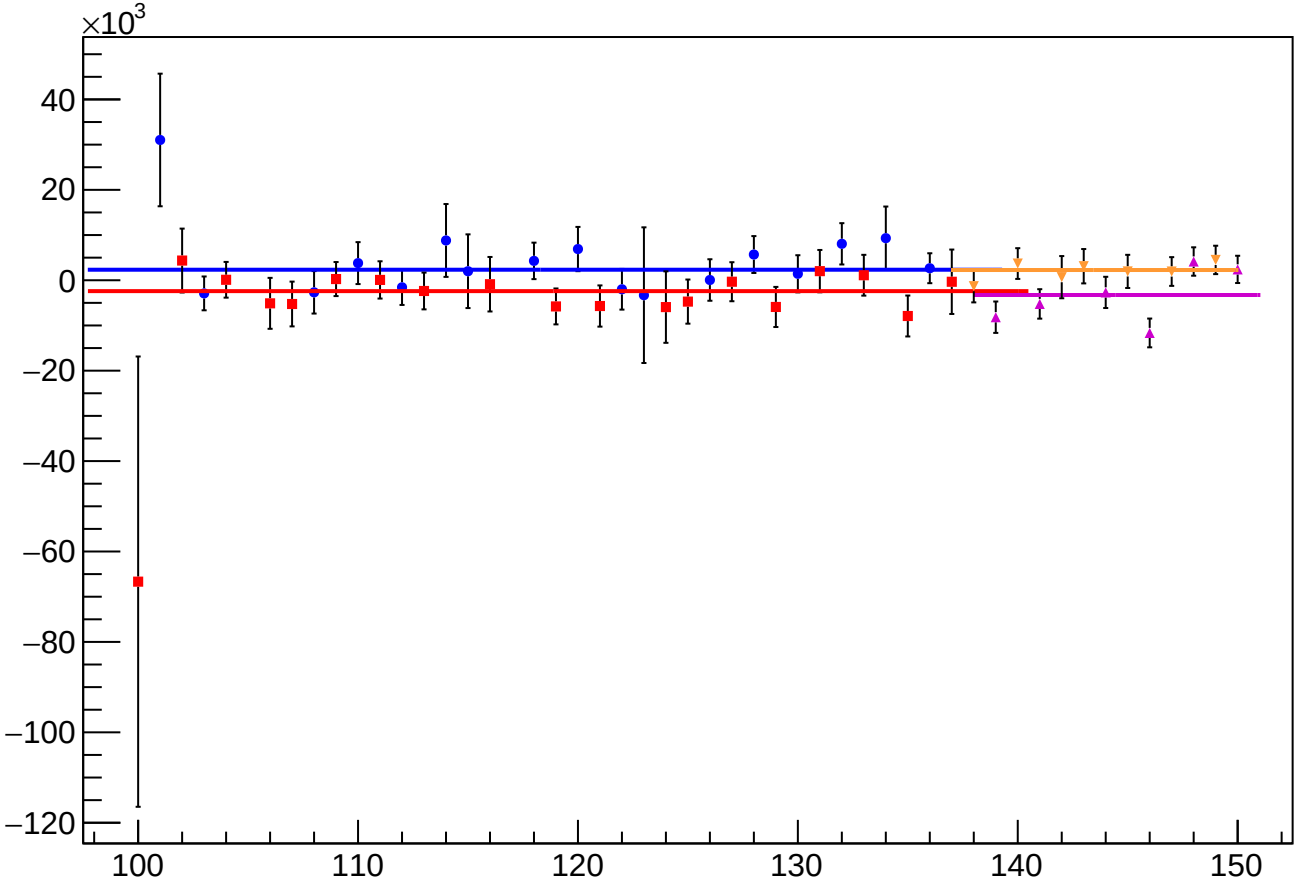
Left In: 822.988+/-0.272 χ^2/NDF:757497.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 834.833+/-0.197 χ^2/NDF: 1636591.2/12

- 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: 2265.599+/-1343.016 χ^2/NDF:1.9/6

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

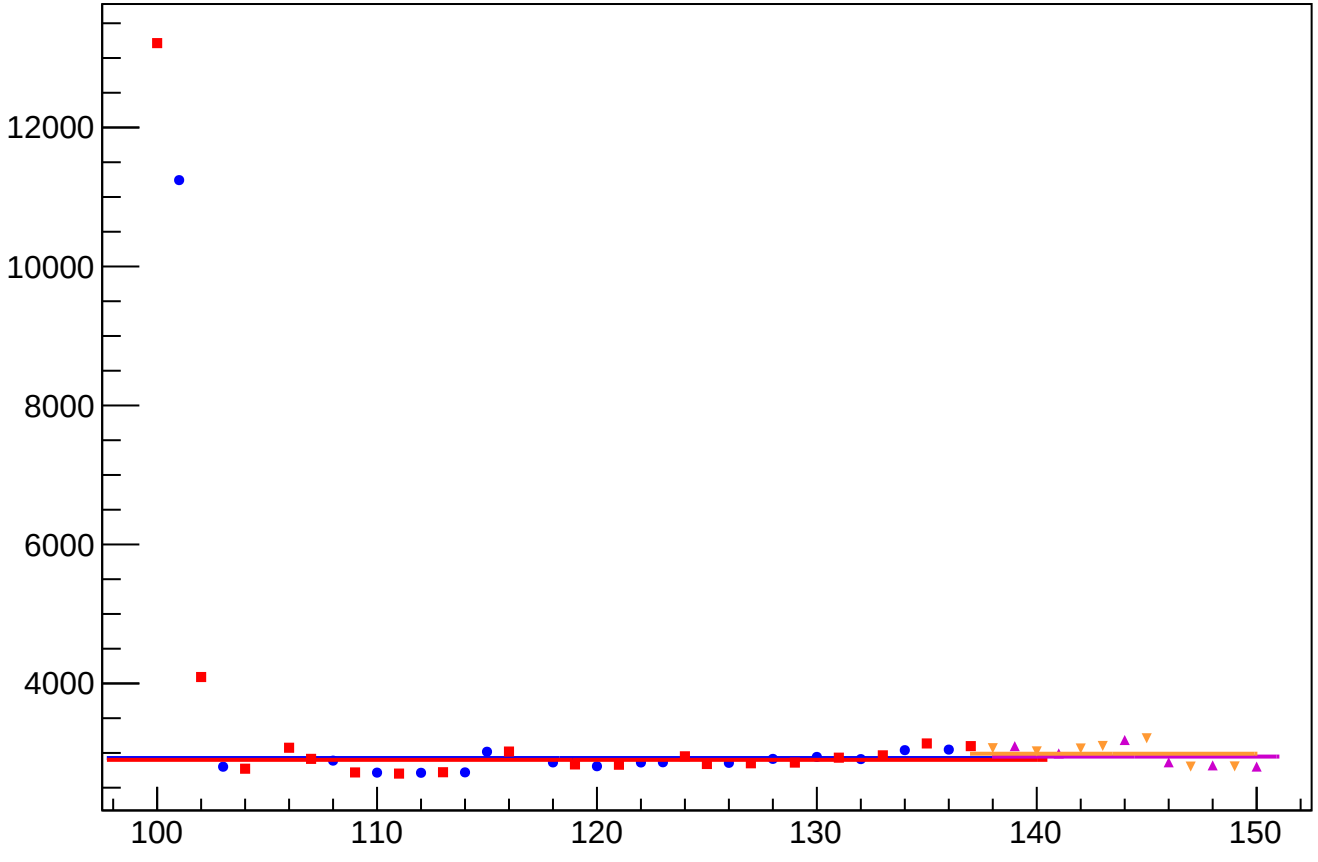
Left In: -3261.159+/-1323.125 χ^2/NDF:18.4/5

+ sign 2302.654+/-876.379 χ^2/NDF: 16.3/23

All: -303.695+/-610.311 χ^2/NDF: 62.2/48

- sign -2757.958+/-850.425 χ^2/NDF: 28.8/24

asym_atr1_rms vs Slug



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

Left Out: 2988.765+/-0.950 χ^2/NDF:24326.7/6

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

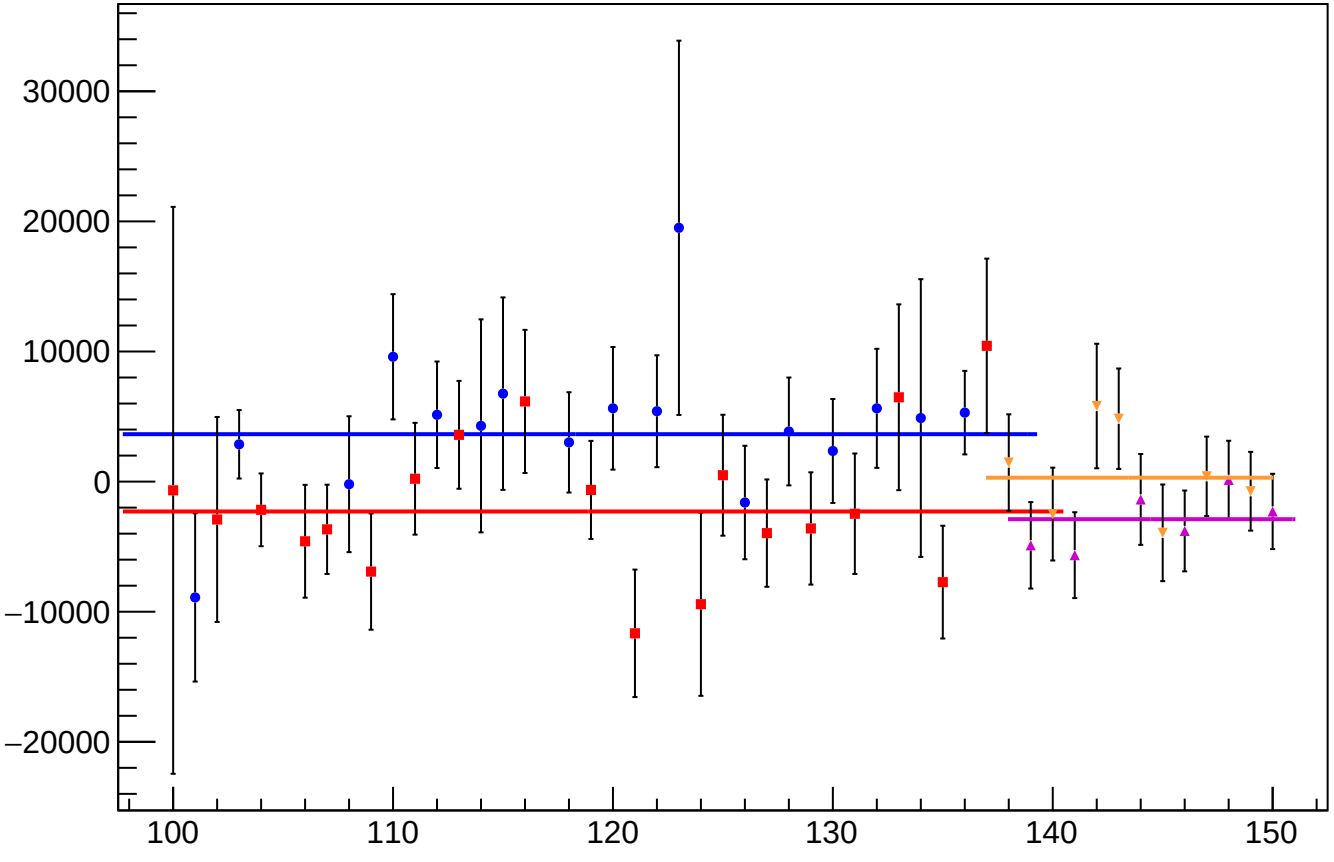
Left In: 2947.716+/-0.936 χ^2/NDF:22782.7/5

+ sign 2953.077+/-0.620 χ^2/NDF: 689580.6/23

All: 2936.143+/-0.432 χ^2/NDF: 885153.9/48

- sign 2920.197+/-0.601 χ^2/NDF: 194123.4/24

dit_asym_atr2_mean vs Slug



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

Left Out: 301.220+/-1347.291 χ^2/NDF:4.8/6

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

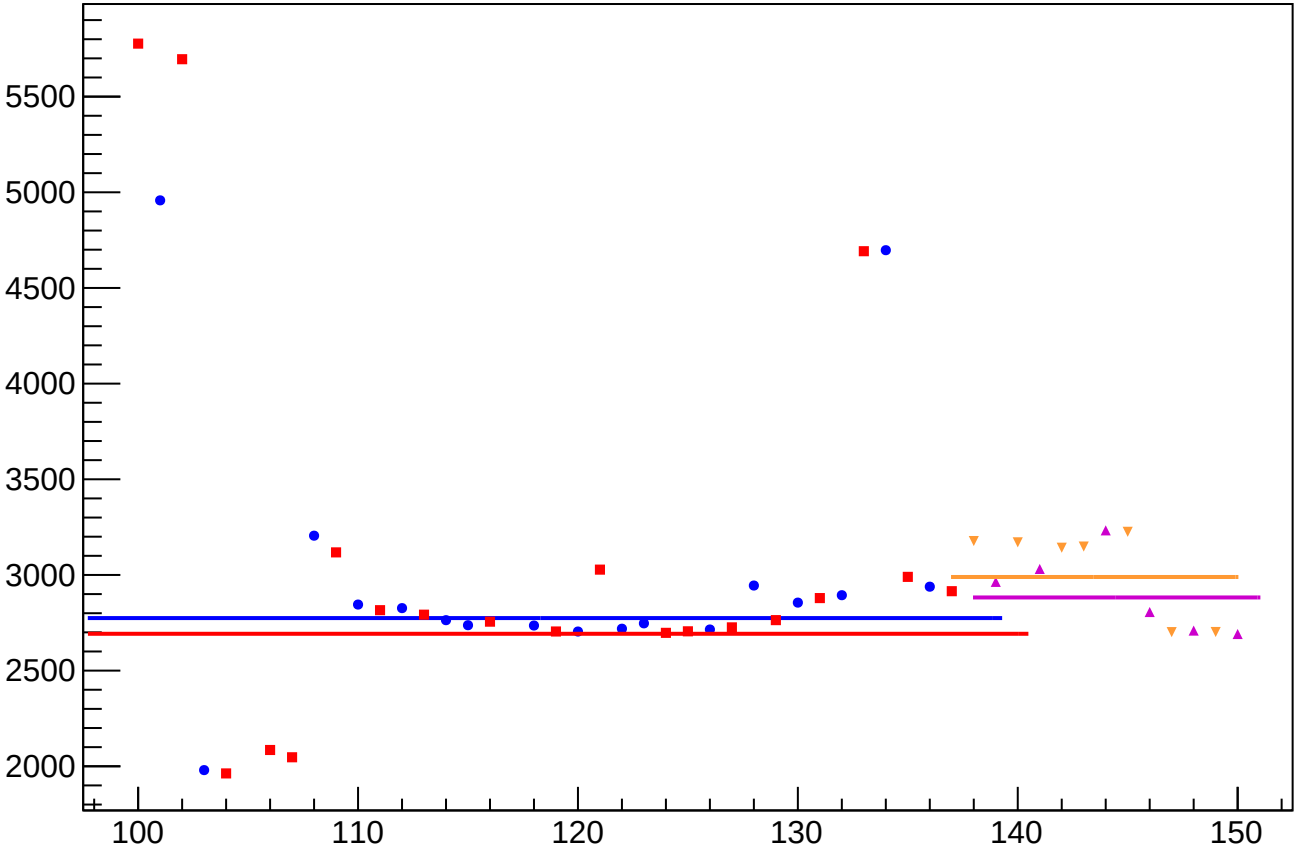
Left In: -2888.246+/-1293.009 χ^2/NDF:2.4/5

+ sign 2320.186+/-848.099 χ^2/NDF: 18.4/23

All: -205.695+/-587.129 χ^2/NDF: 56.4/48

- sign -2530.410+/-813.626 χ^2/NDF: 20.9/24

dit_asym_atr2_rms vs Slug



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

Left Out: 2989.374+/-0.953 χ^2/NDF:59678.7/6

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

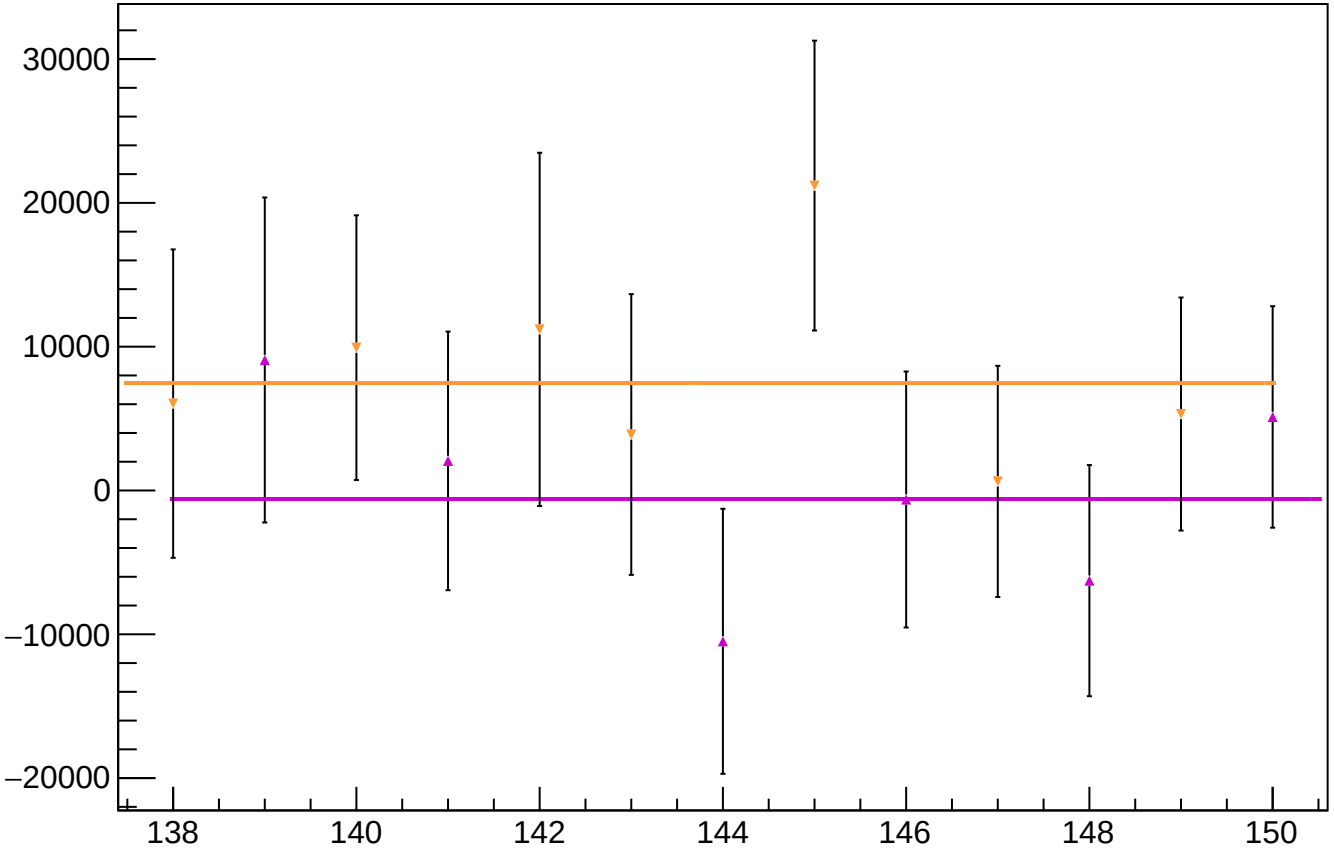
Left In: 2882.363+/-0.914 χ^2/NDF:41998.6/5

+ sign 2859.715+/-0.600 χ^2/NDF: 592039.2/23

All: 2811.766+/-0.415 χ^2/NDF: 1452631.5/48

- sign 2767.654+/-0.575 χ^2/NDF: 848318.2/24

asym_atr2_correction_mean vs Slug



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

Left Out: 7474.592+/-3576.574 χ^2/NDF:3.0/6

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

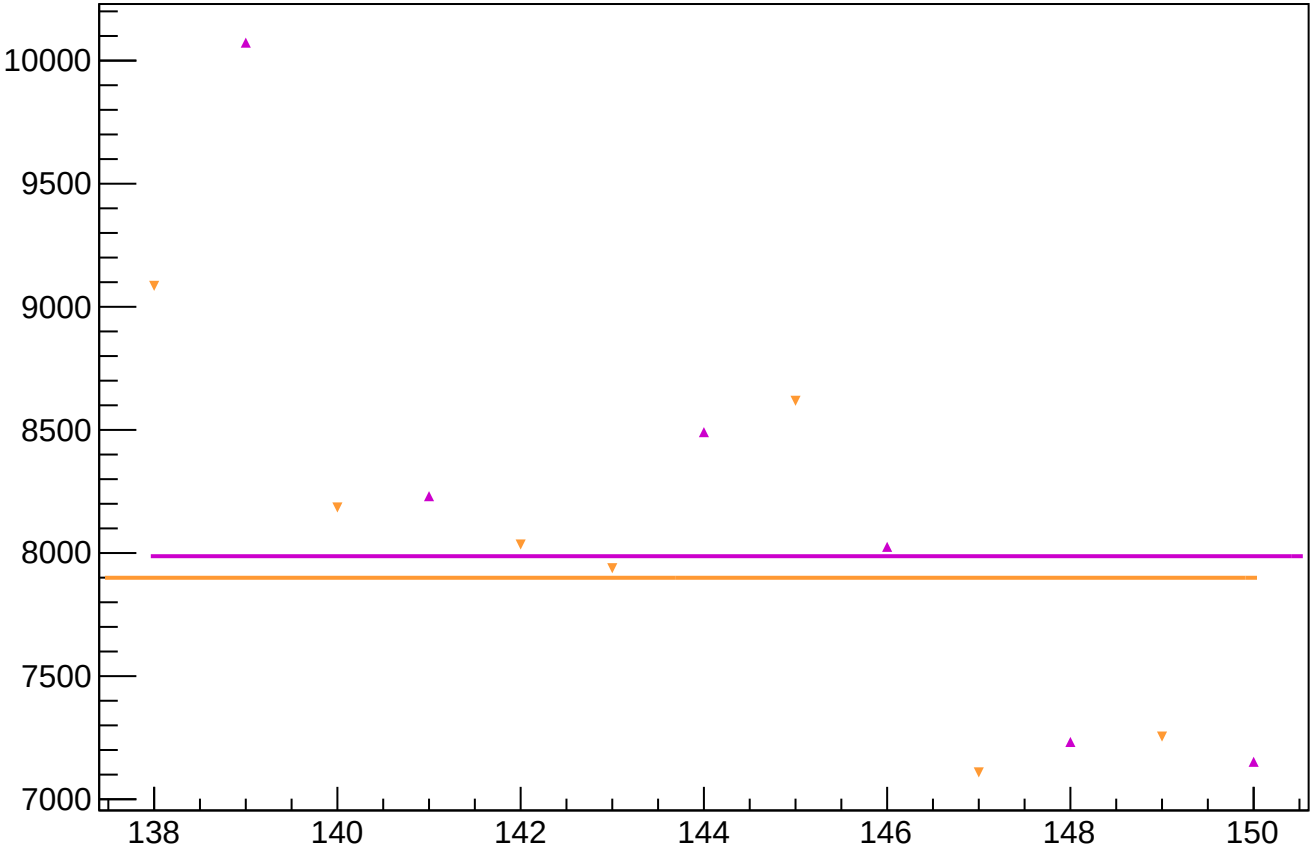
Left In: -593.146+/-3604.850 χ^2/NDF:3.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3472.488+/-2538.958 χ^2/NDF: 8.5/12

- 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: 7899.531+/-2.529 χ^2/NDF:68838.6/6

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

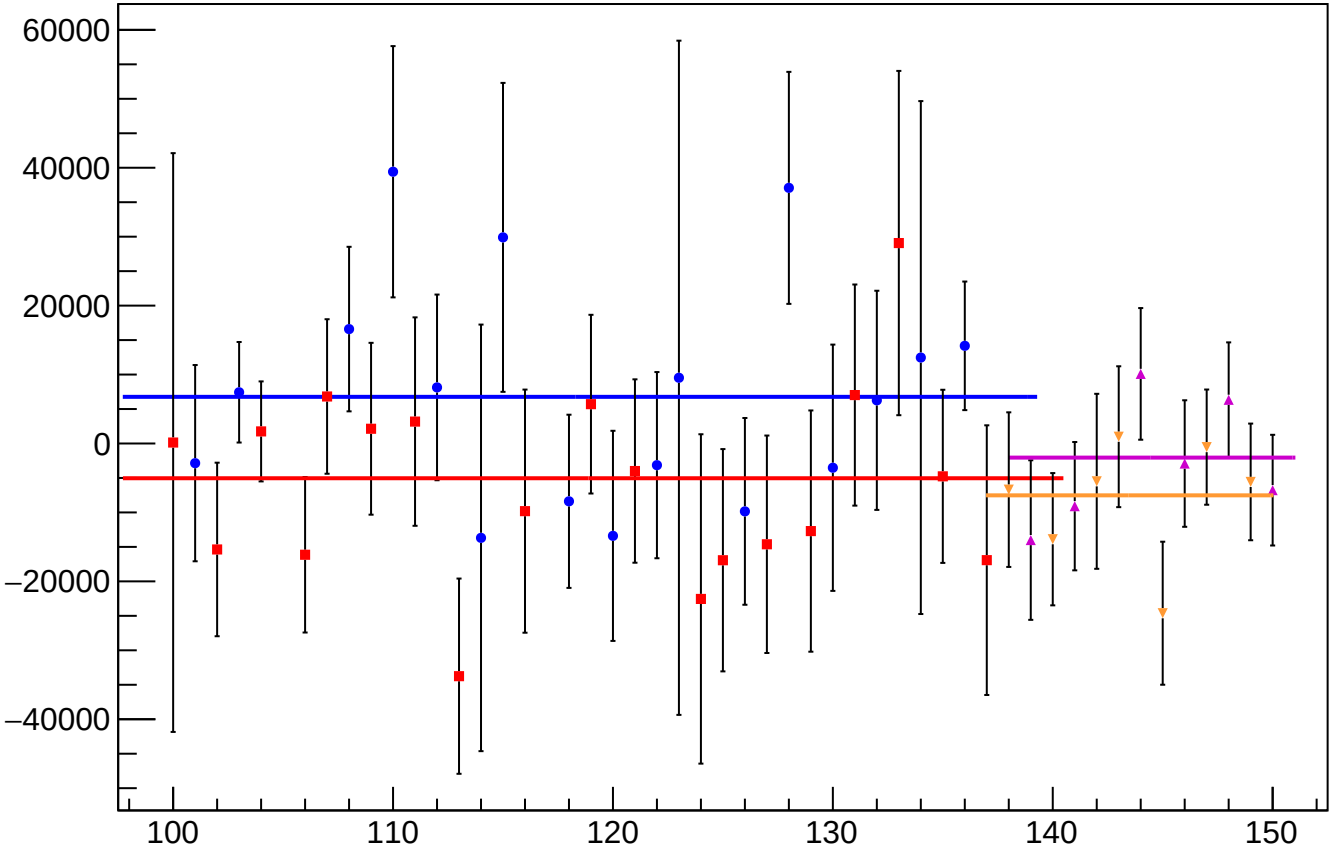
Left In: 7987.125+/-2.549 χ^2/NDF:116784.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7942.983+/-1.795 χ^2/NDF: 186218.3/12

- 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: -7521.467+/-3722.046 χ^2/NDF:4.6/6

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

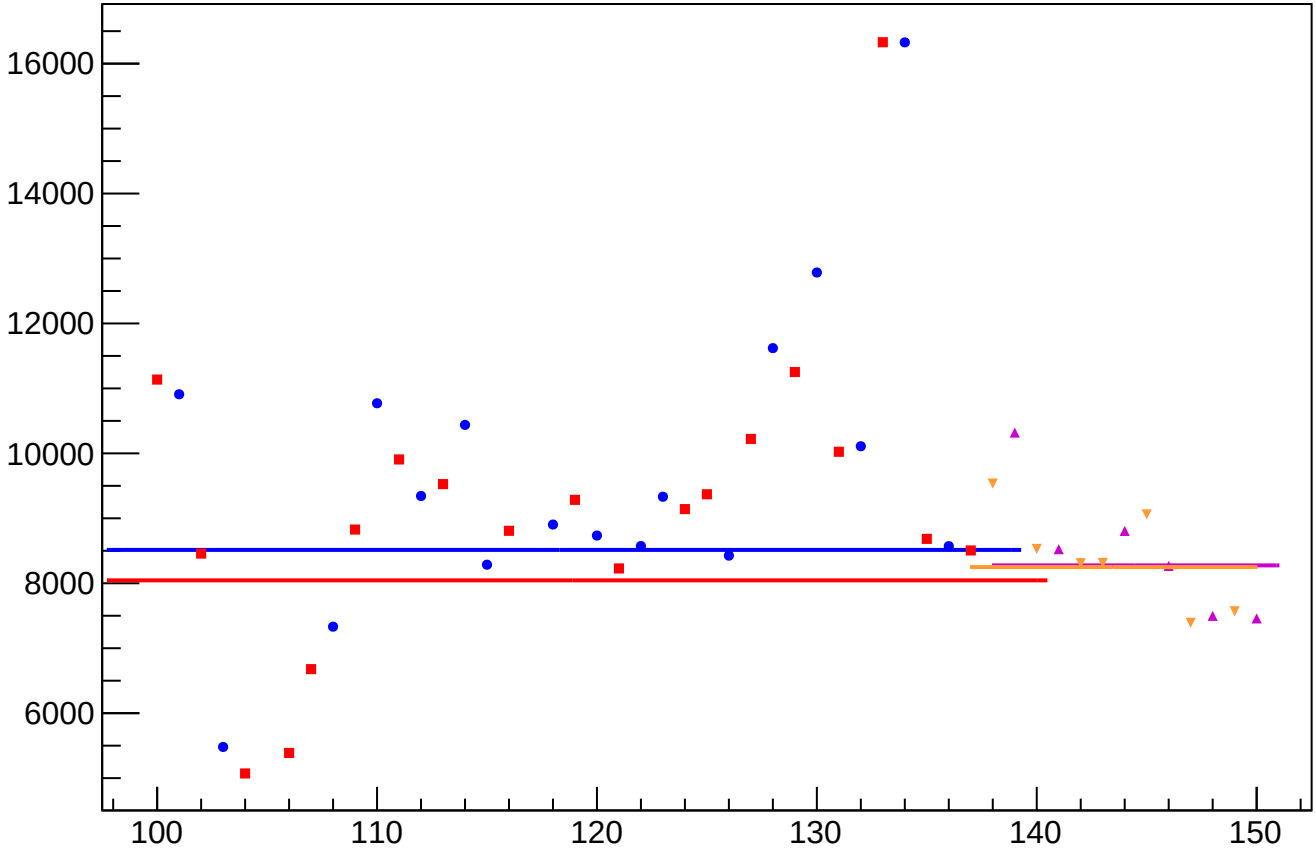
Left In: -2047.874+/-3732.595 χ^2/NDF:4.6/5

+ sign 294.611+/-2505.120 χ^2/NDF: 28.0/23

All: -1821.387+/-1738.708 χ^2/NDF: 48.0/48

- sign -3788.133+/-2415.156 χ^2/NDF: 18.6/24

asym_atr2_rms vs Slug



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

Left Out: 8249.272+/-2.632 χ^2/NDF:74352.2/6

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

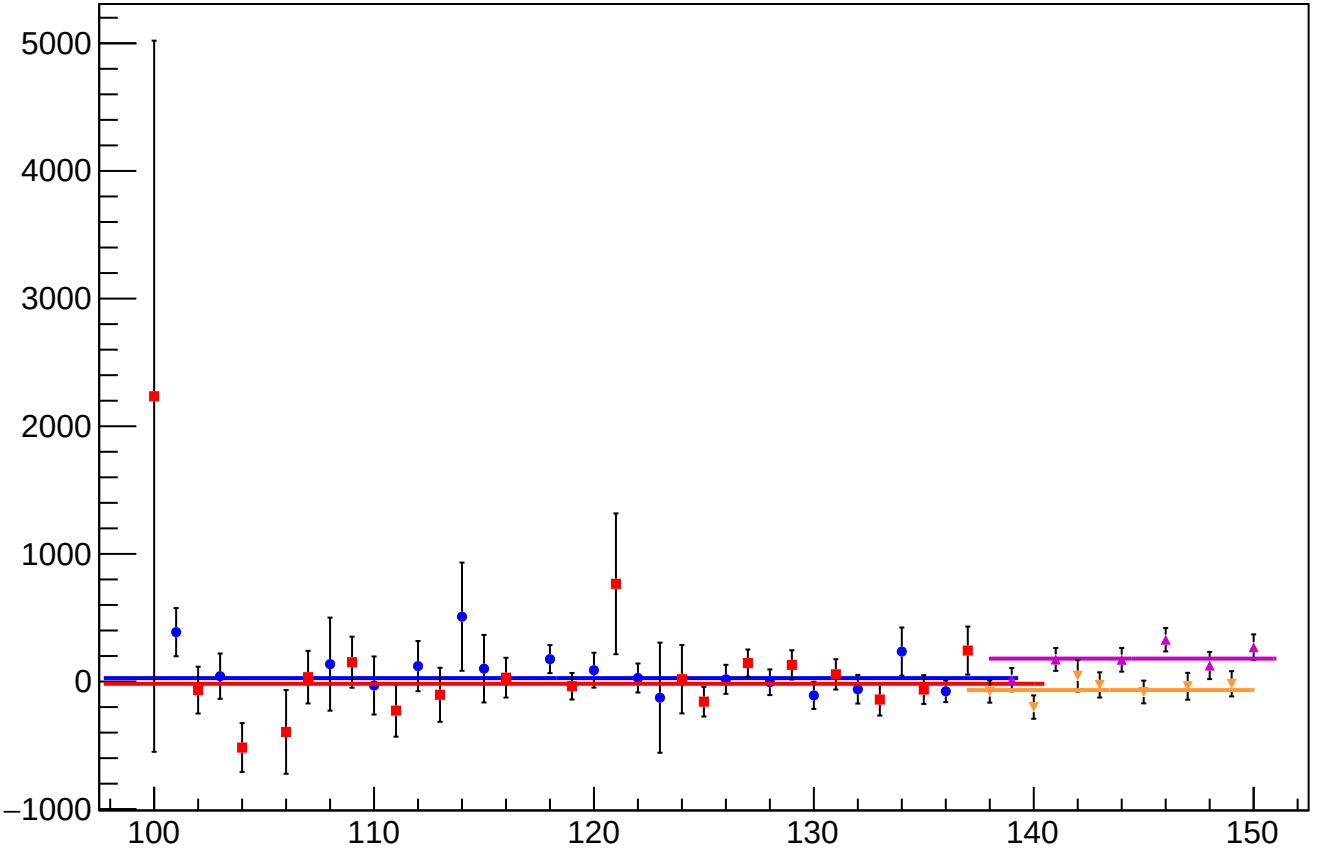
Left In: 8275.377+/-2.639 χ^2/NDF:108121.7/5

+ sign 8393.896+/-1.771 χ^2/NDF: 842486.9/23

All: 8262.976+/-1.229 χ^2/NDF: 1917897.7/48

- sign 8141.295+/-1.708 χ^2/NDF: 1064871.5/24

dit_asym_sam1_mean vs Slug



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

Left Out: -66.726+/-36.816 χ^2/NDF:3.5/6

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

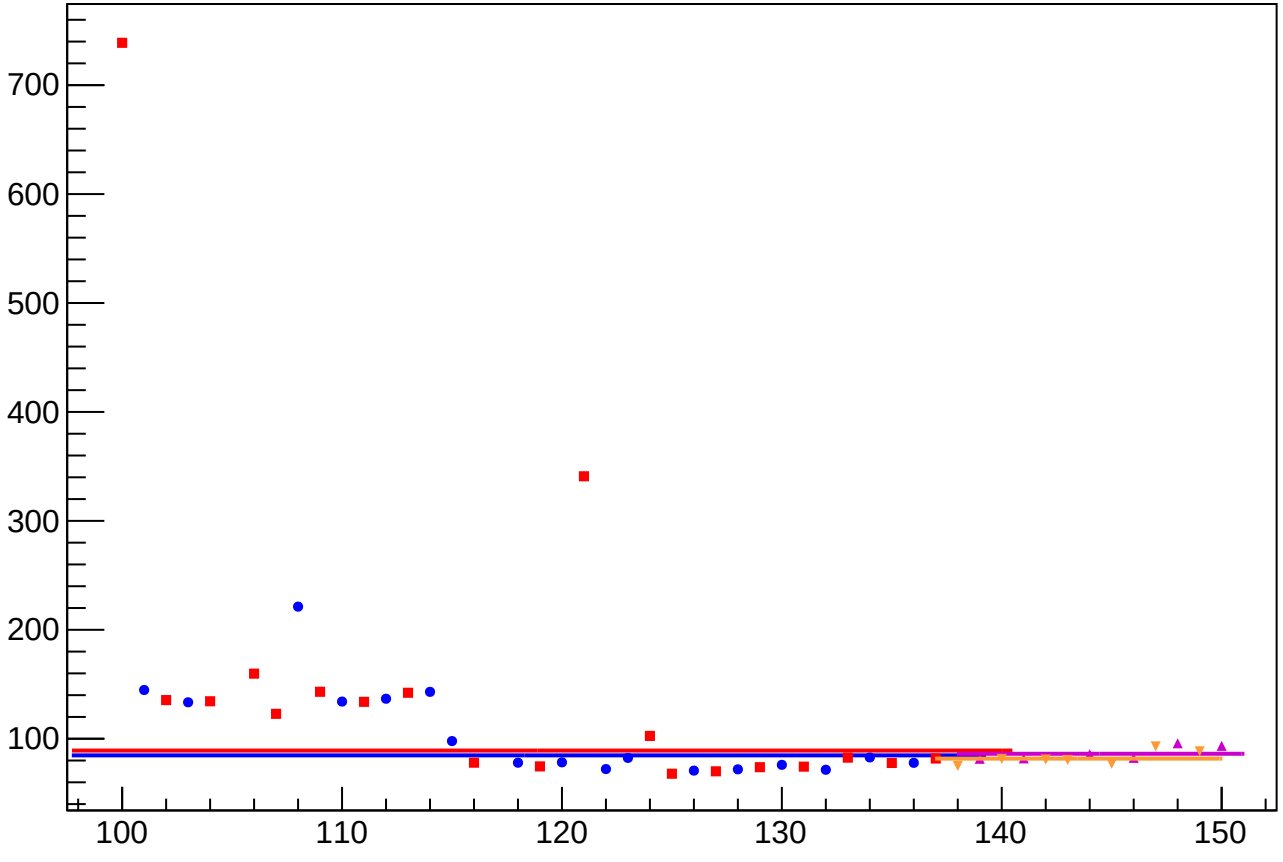
Left In: 179.783+/-38.737 χ^2/NDF:6.9/5

+ sign -16.218+/-24.989 χ^2/NDF: 19.6/23

All: 26.181+/-18.080 χ^2/NDF: 68.5/48

- sign 72.758+/-26.191 χ^2/NDF: 42.8/24

dit_asym_sam1_rms vs Slug



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

Left Out: 81.754+/-0.026 χ^2/NDF:49862.3/6

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

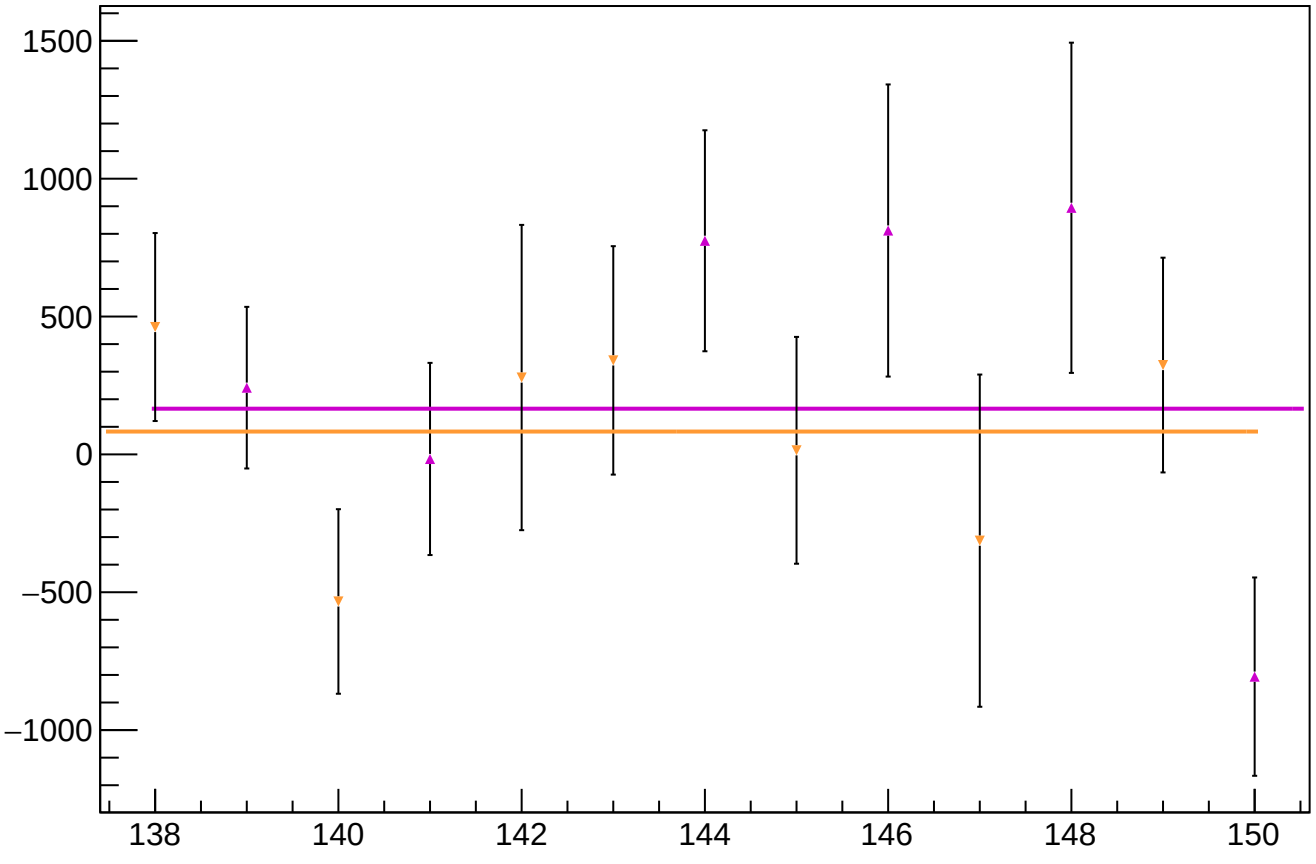
Left In: 86.202+/-0.027 χ^2/NDF:39788.1/5

+ sign 83.363+/-0.018 χ^2/NDF: 1121365.4/23

All: 85.476+/-0.013 χ^2/NDF: 2756716.0/48

- sign 87.799+/-0.019 χ^2/NDF: 1605315.6/24

asym_sam1_correction_mean vs Slug



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

Left Out: 82.848+/-154.535 χ^2/NDF:6.0/6

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

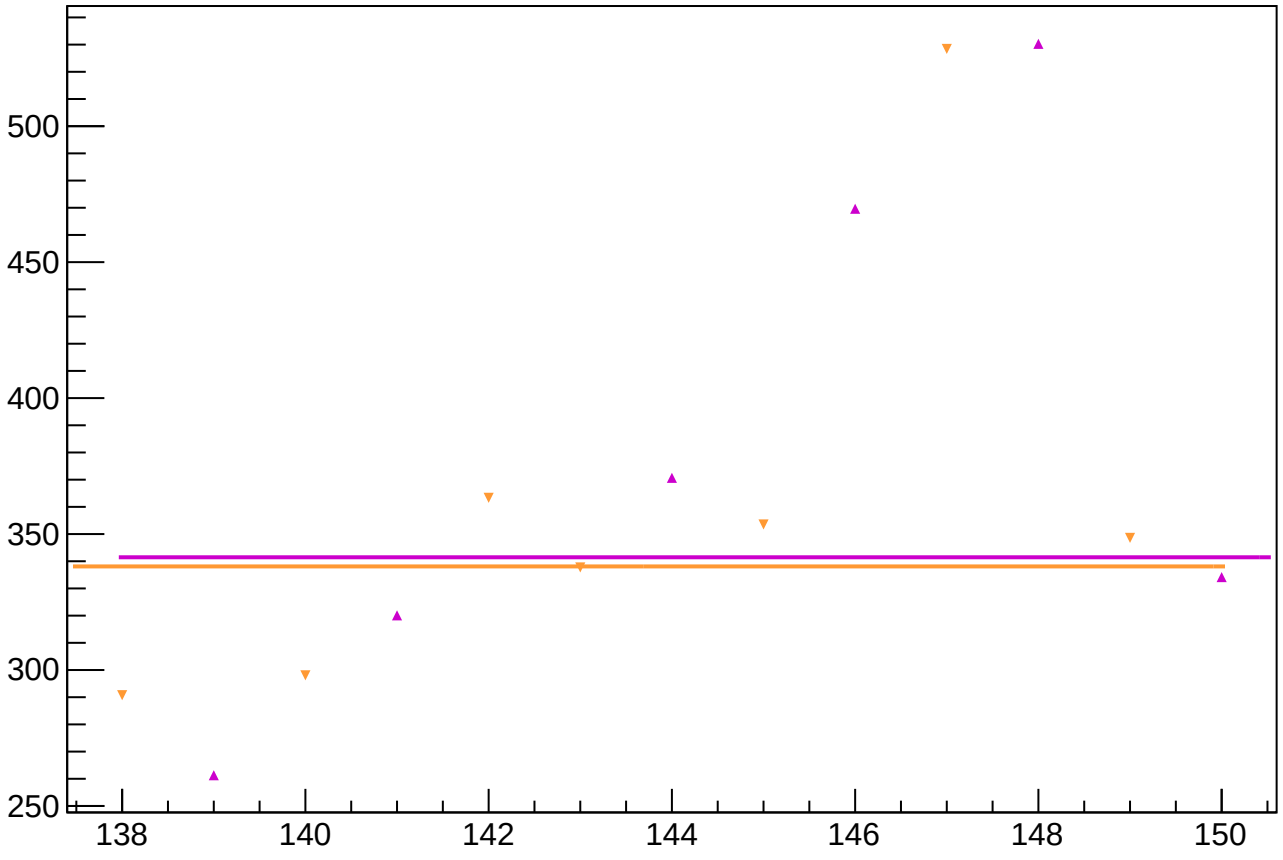
Left In: 165.742+/-157.765 χ^2/NDF:12.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 123.438+/-110.397 χ^2/NDF: 19.0/12

- 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: 338.095+/-0.109 χ^2/NDF:275206.0/6

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

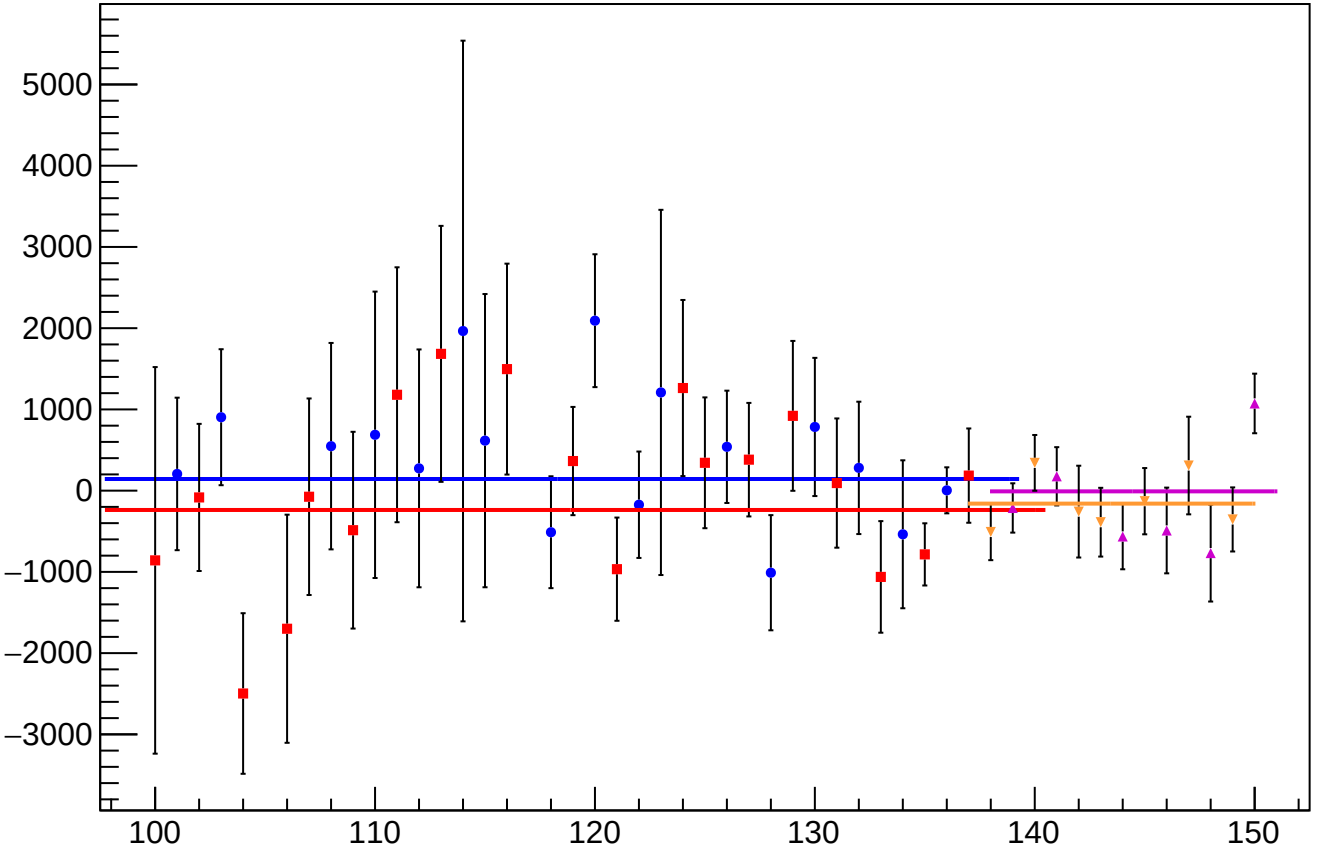
Left In: 341.460+/-0.112 χ^2/NDF:484388.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 339.743+/-0.078 χ^2/NDF: 760059.0/12

- 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: -159.651+/-156.714 χ^2/NDF:4.3/6

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

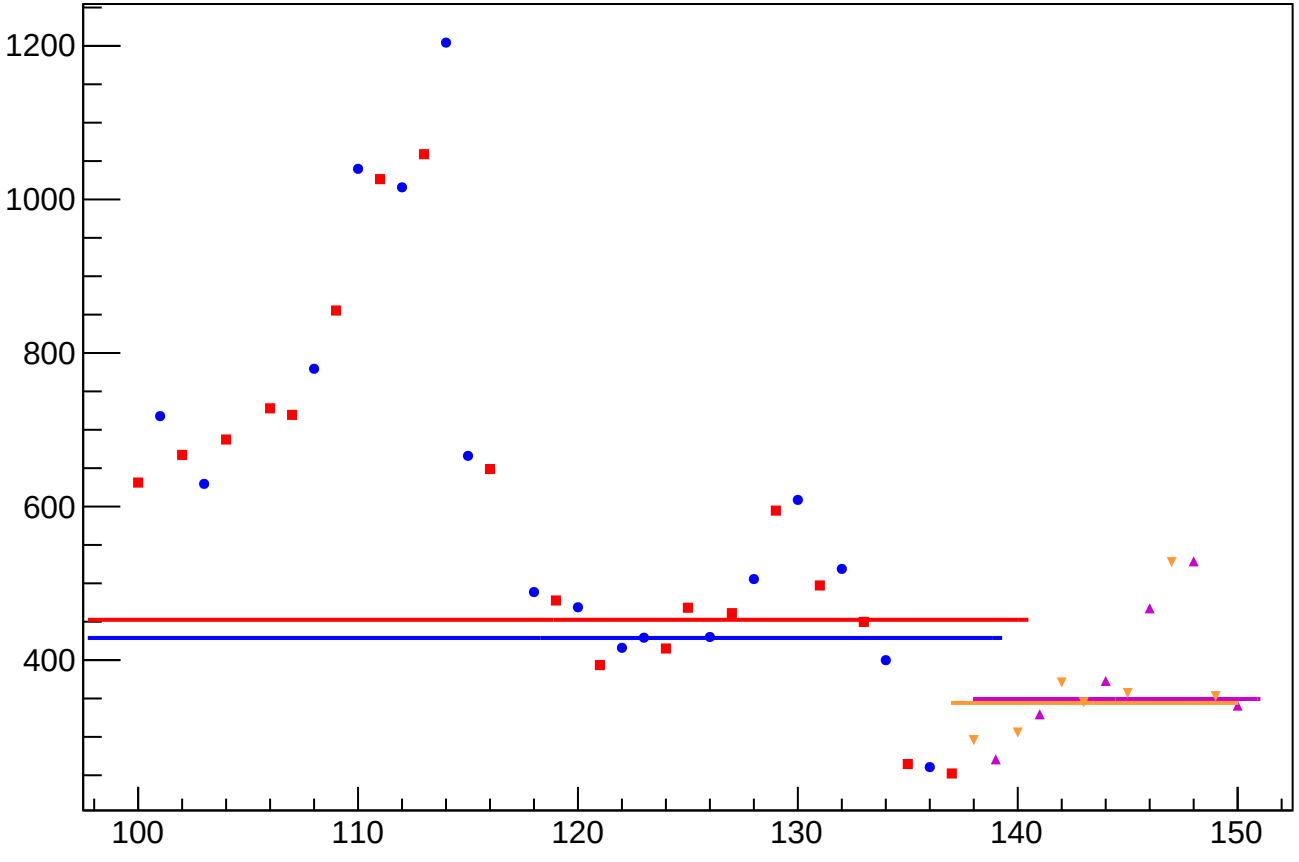
Left In: -8.712+/-160.961 χ^2/NDF:13.8/5

+ sign -28.315+/-117.978 χ^2/NDF: 18.7/23

All: -67.119+/-84.521 χ^2/NDF: 55.3/48

- sign -108.036+/-121.147 χ^2/NDF: 36.3/24

asym_sam1_rms vs Slug



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

Left Out: 344.238+/-0.111 χ^2/NDF:257792.8/6

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

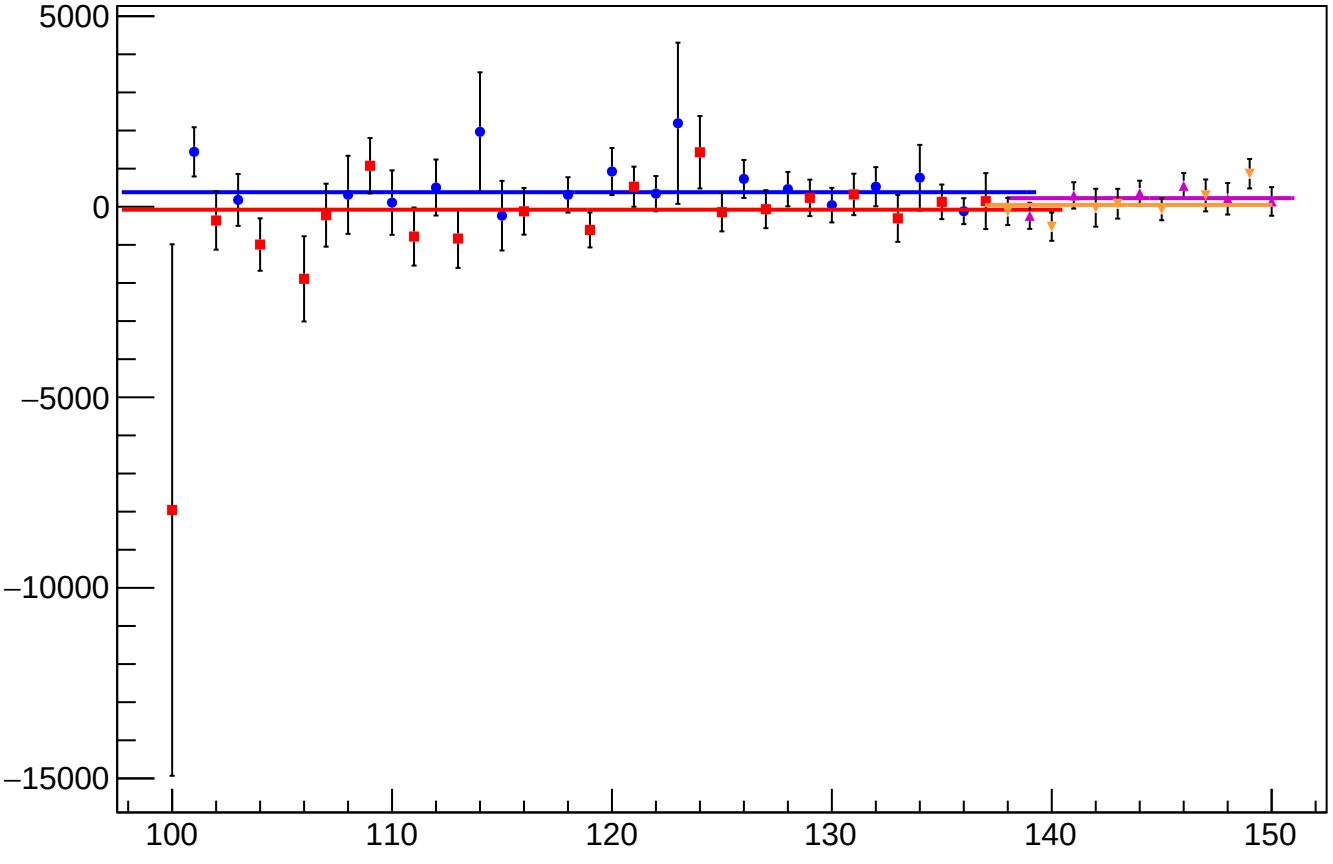
Left In: 349.352+/-0.114 χ^2/NDF:429007.7/5

+ sign 380.899+/-0.083 χ^2/NDF: 2522753.1/23

All: 387.313+/-0.060 χ^2/NDF: 5359321.6/48

- sign 394.077+/-0.086 χ^2/NDF: 2824423.5/24

dit_asym_sam2_mean vs Slug



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

Left Out: 47.748+/-141.411 χ^2/NDF:7.6/6

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

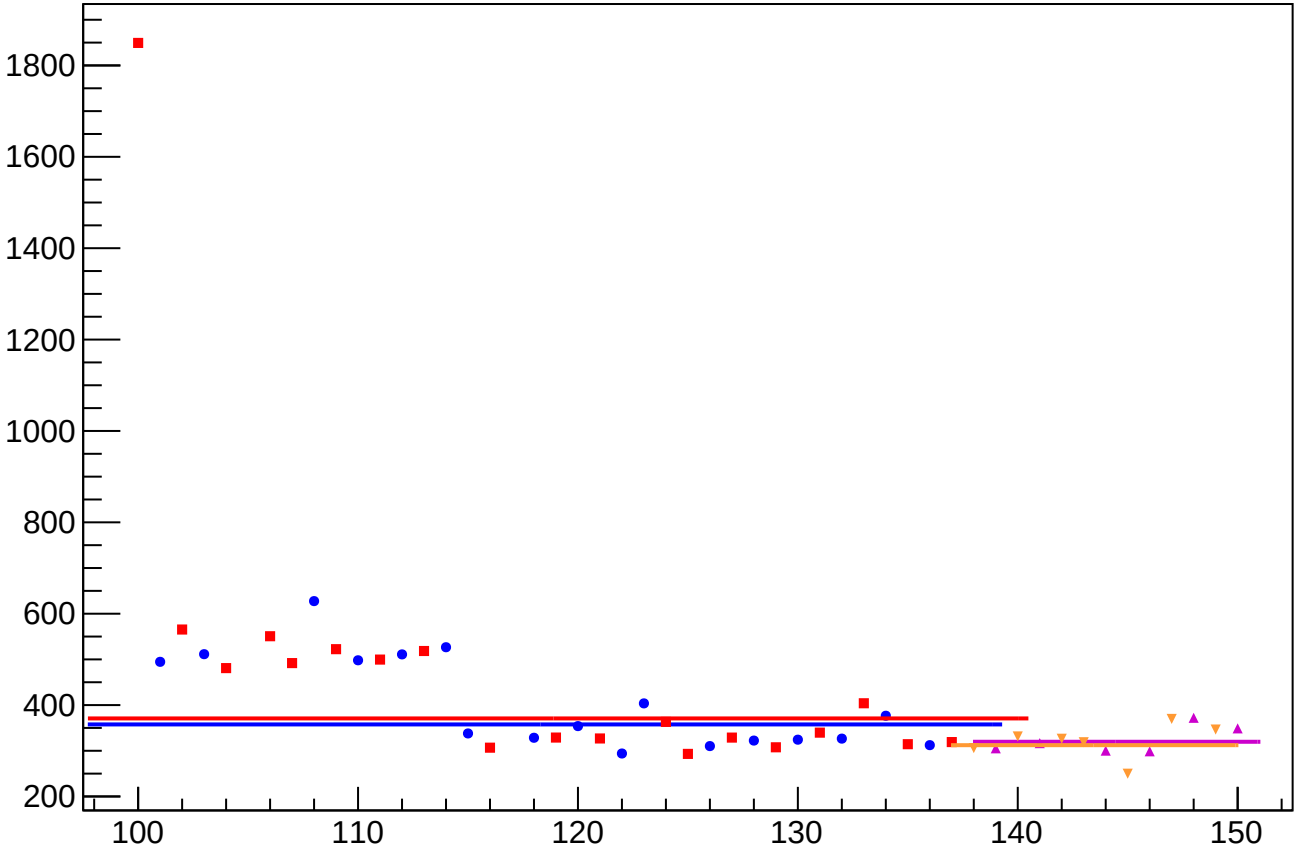
Left In: 226.349+/-144.124 χ^2/NDF:3.0/5

+ sign 215.079+/-99.915 χ^2/NDF: 19.8/23

All: 145.644+/-71.266 χ^2/NDF: 42.8/48

- sign 73.737+/-101.679 χ^2/NDF: 22.0/24

dit_asym_sam2_rms vs Slug



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

Left Out: 312.246+/-0.100 χ^2/NDF:154532.6/6

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

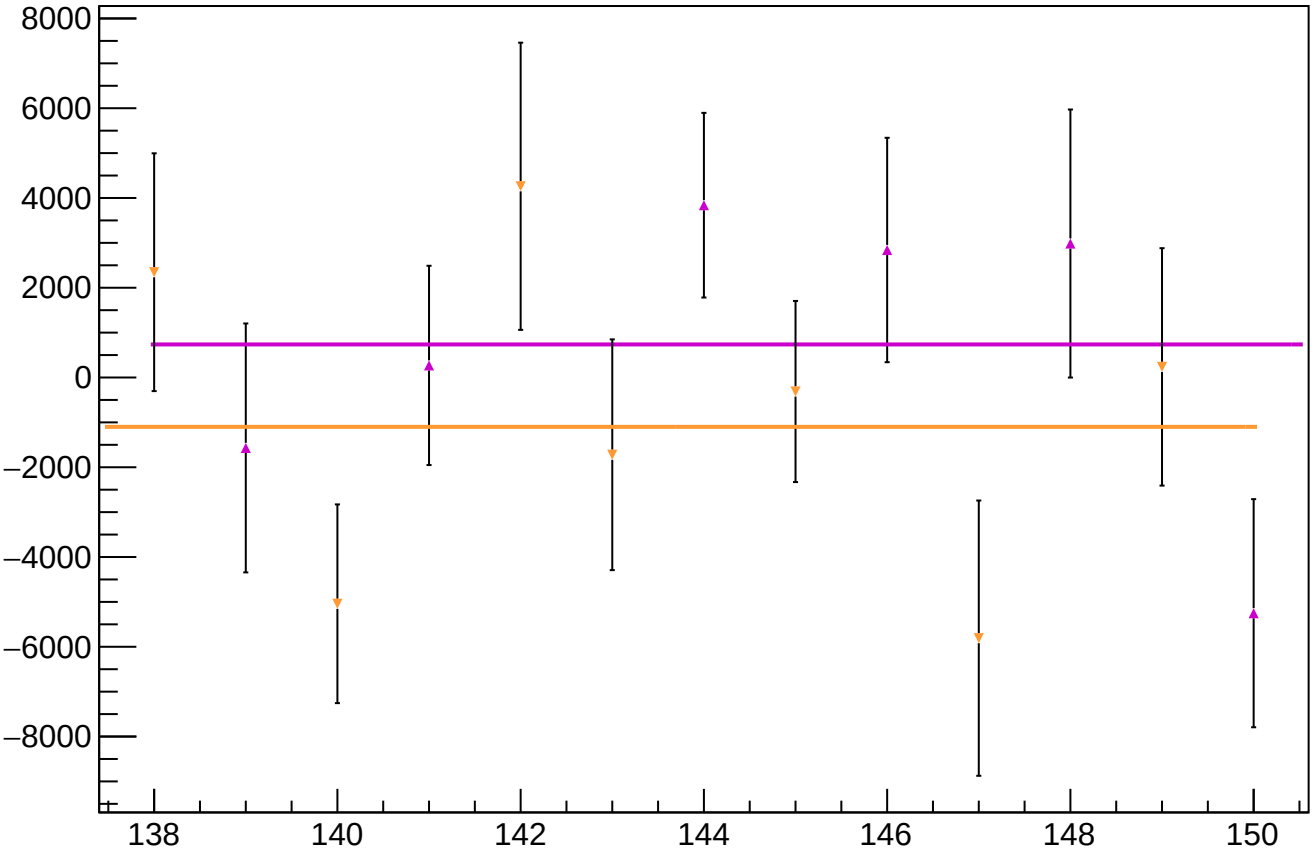
Left In: 319.710+/-0.102 χ^2/NDF:62818.6/5

+ sign 334.990+/-0.071 χ^2/NDF: 887518.7/23

All: 340.089+/-0.050 χ^2/NDF: 1871924.6/48

- sign 345.369+/-0.072 χ^2/NDF: 973805.9/24

asym_sam2_correction_mean vs Slug



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

Left Out: -1099.684+/-957.665 χ^2/NDF:10.5/6

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

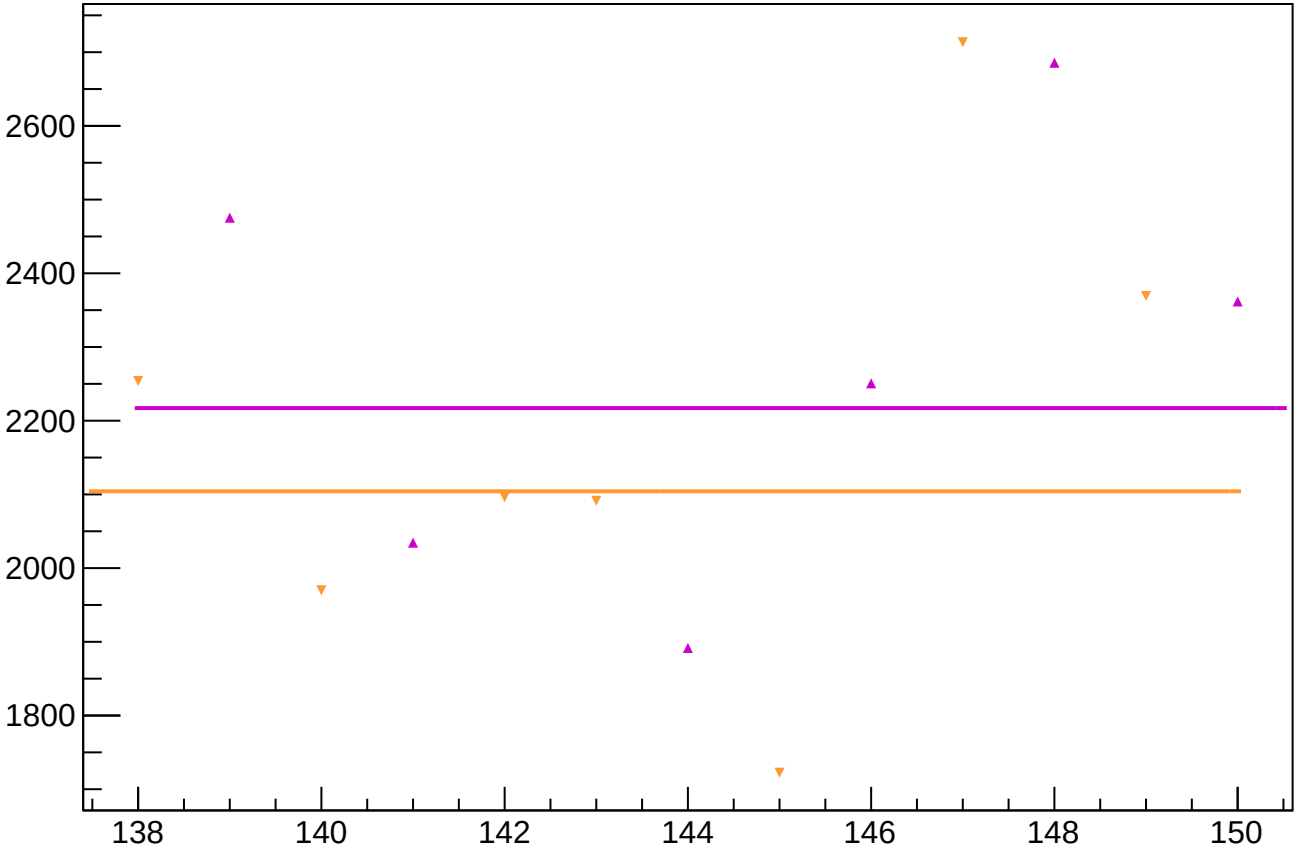
Left In: 736.827+/-1001.941 χ^2/NDF:9.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -222.902+/-692.295 χ^2/NDF: 22.1/12

- 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: 2104.232+/-0.677 χ^2/NDF:184425.9/6

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

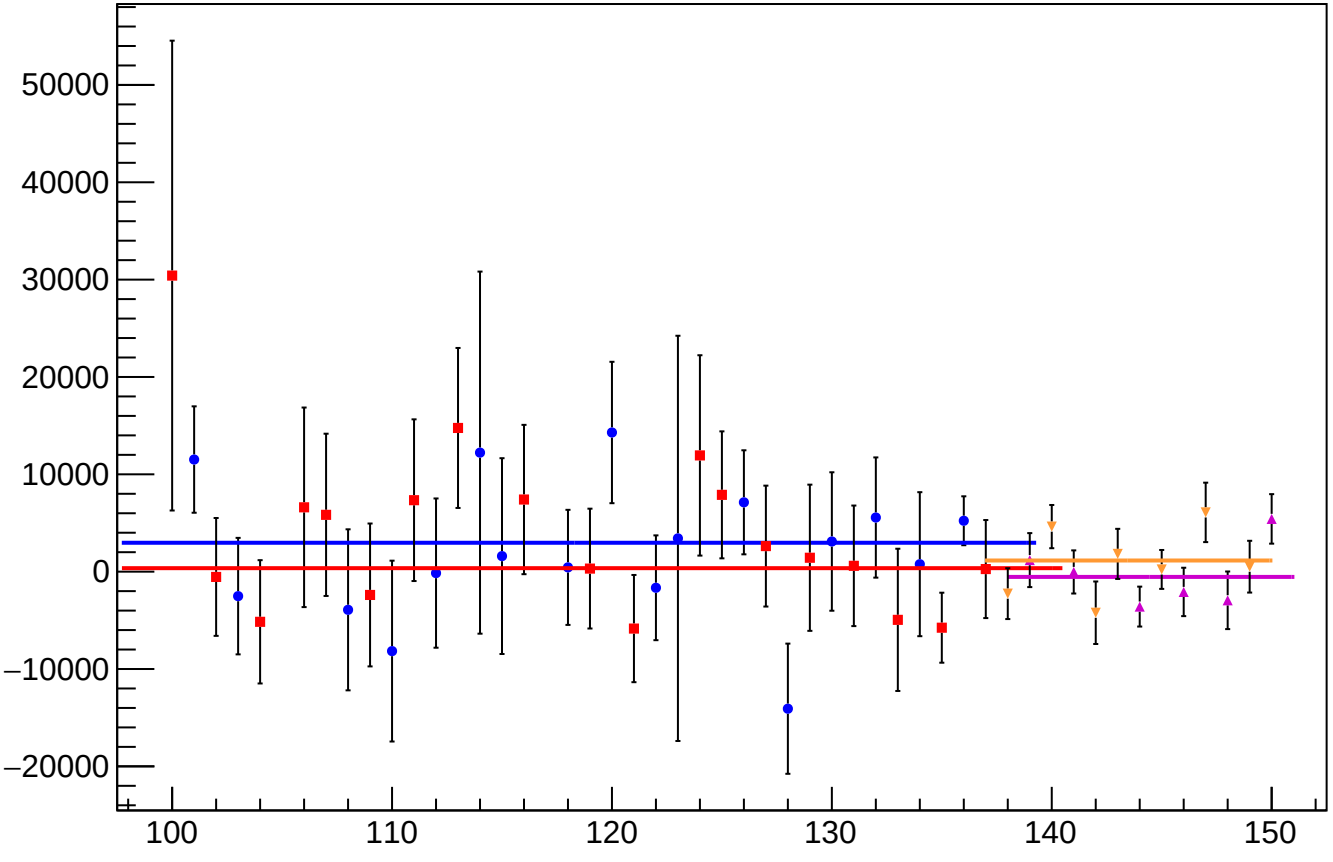
Left In: 2217.116+/-0.708 χ^2/NDF:137022.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2158.125+/-0.490 χ^2/NDF: 334715.1/12

- 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: 1146.552+/-955.053 χ^2/NDF:9.9/6

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

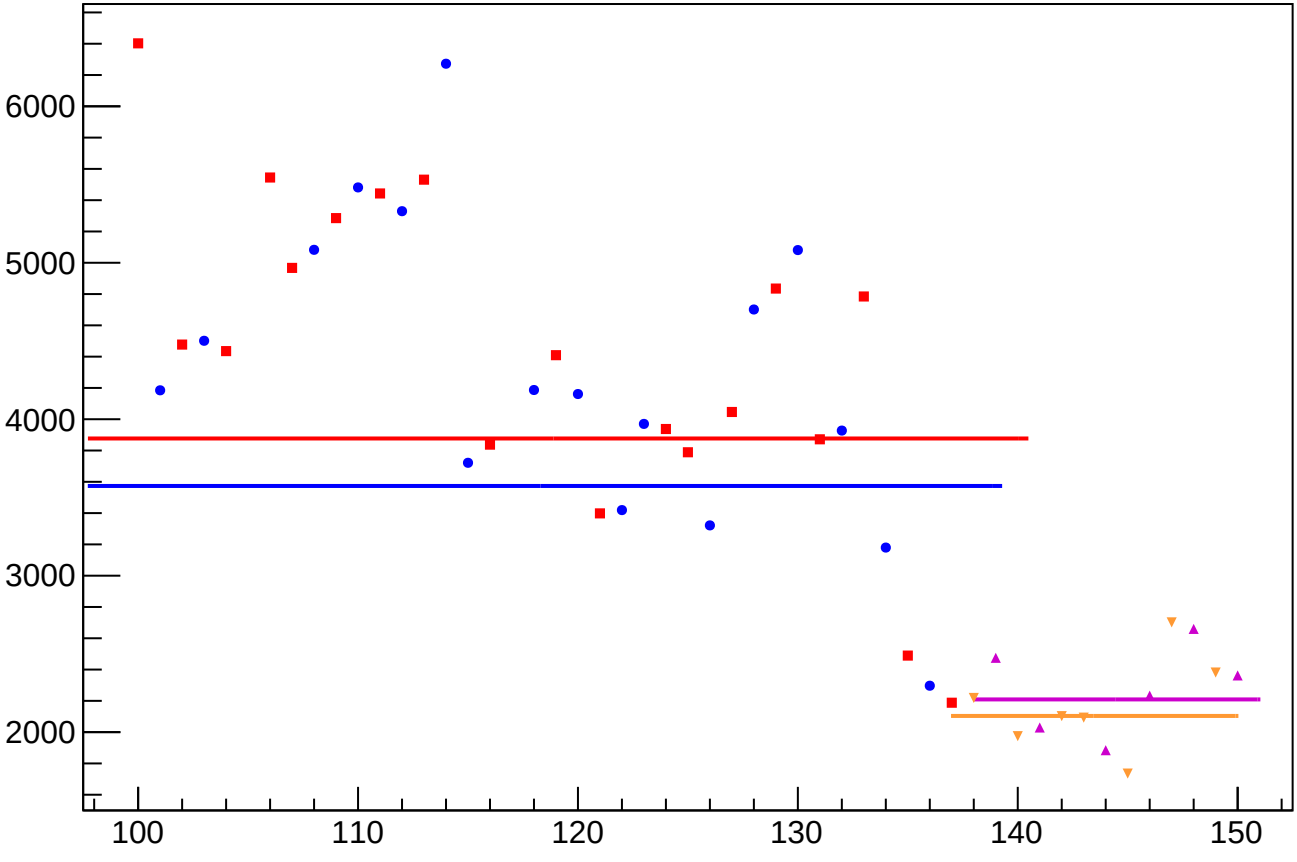
Left In: -538.887+/-998.810 χ^2/NDF:9.2/5

+ sign 1703.078+/-795.994 χ^2/NDF: 28.4/23

All: 763.227+/-575.346 χ^2/NDF: 56.1/48

- sign -264.958+/-832.561 χ^2/NDF: 24.8/24

asym_sam2_rms vs Slug



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

Left Out: 2103.572+/-0.675 χ^2/NDF:177156.0/6

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

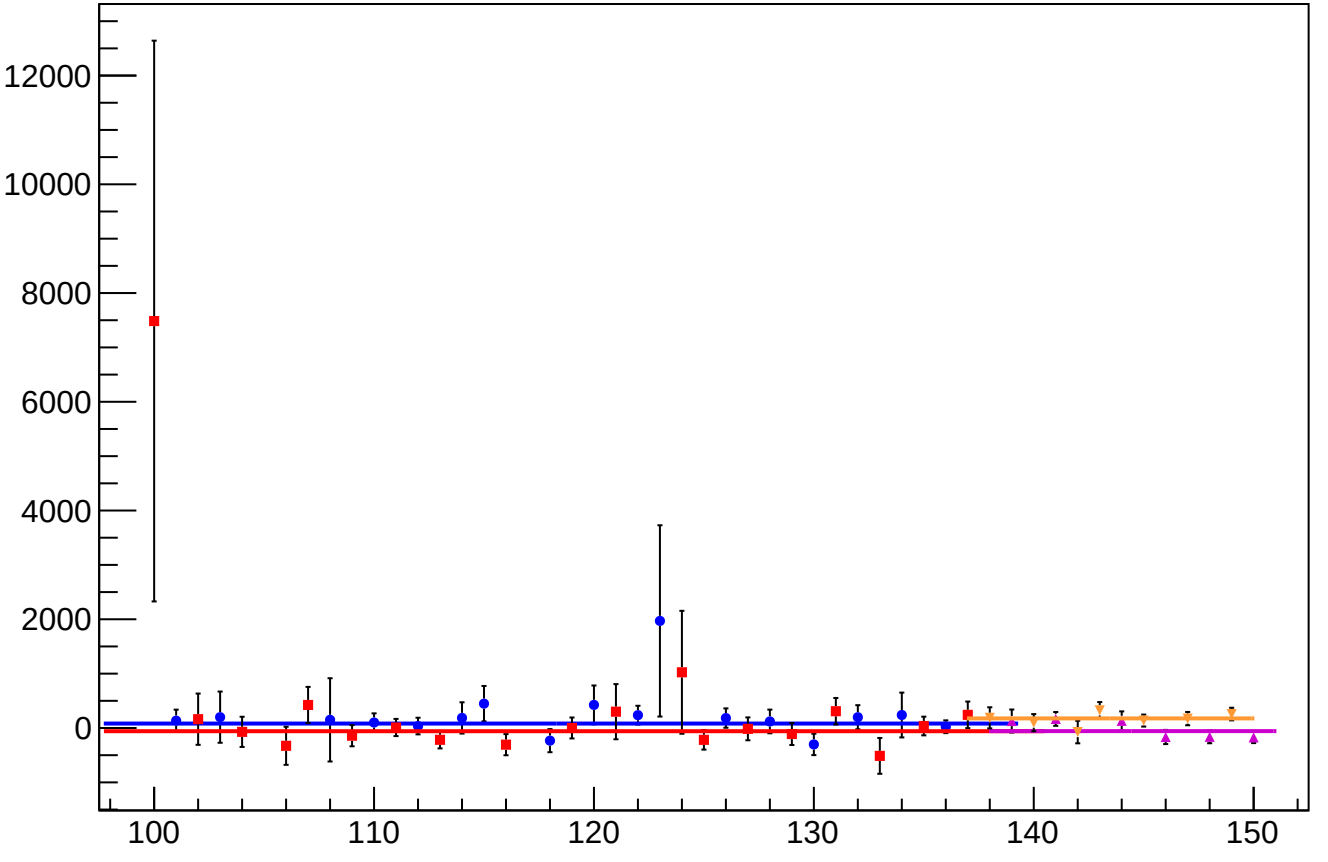
Left In: 2209.129+/-0.706 χ^2/NDF:135522.5/5

+ sign 2552.407+/-0.563 χ^2/NDF: 2712491.5/23

All: 2631.544+/-0.407 χ^2/NDF: 5579636.1/48

- sign 2718.119+/-0.589 χ^2/NDF: 2825750.1/24

dit_asym_sam3_mean vs Slug



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

Left Out: 176.598+/-53.030 χ^2/NDF:3.3/6

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

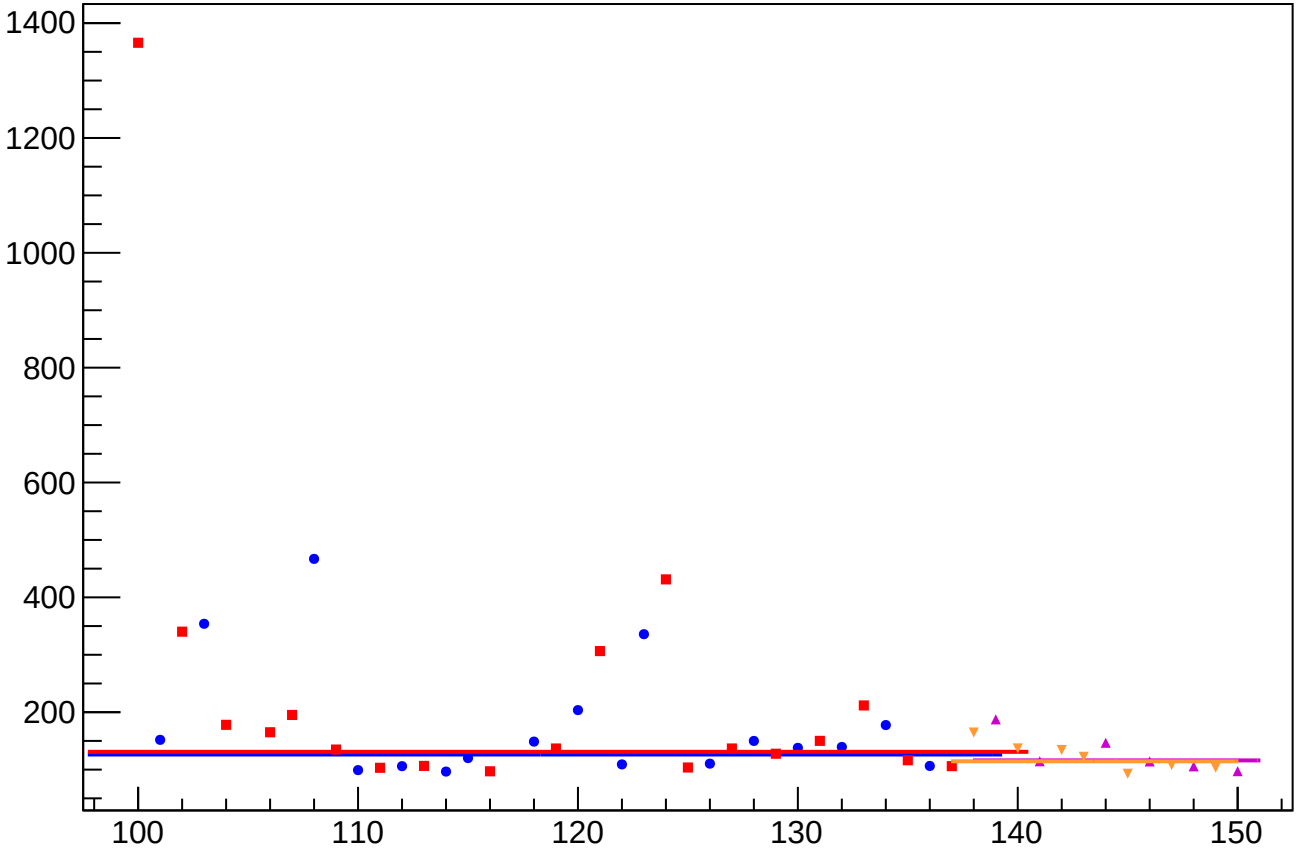
Left In: -57.015+/-54.430 χ^2/NDF:7.7/5

+ sign 128.211+/-37.095 χ^2/NDF: 16.4/23

All: 37.414+/-26.555 χ^2/NDF: 52.9/48

- sign -58.035+/-38.033 χ^2/NDF: 24.2/24

dit_asym_sam3_rms vs Slug



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

Left Out: 114.504+/-0.037 χ^2/NDF:297501.7/6

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

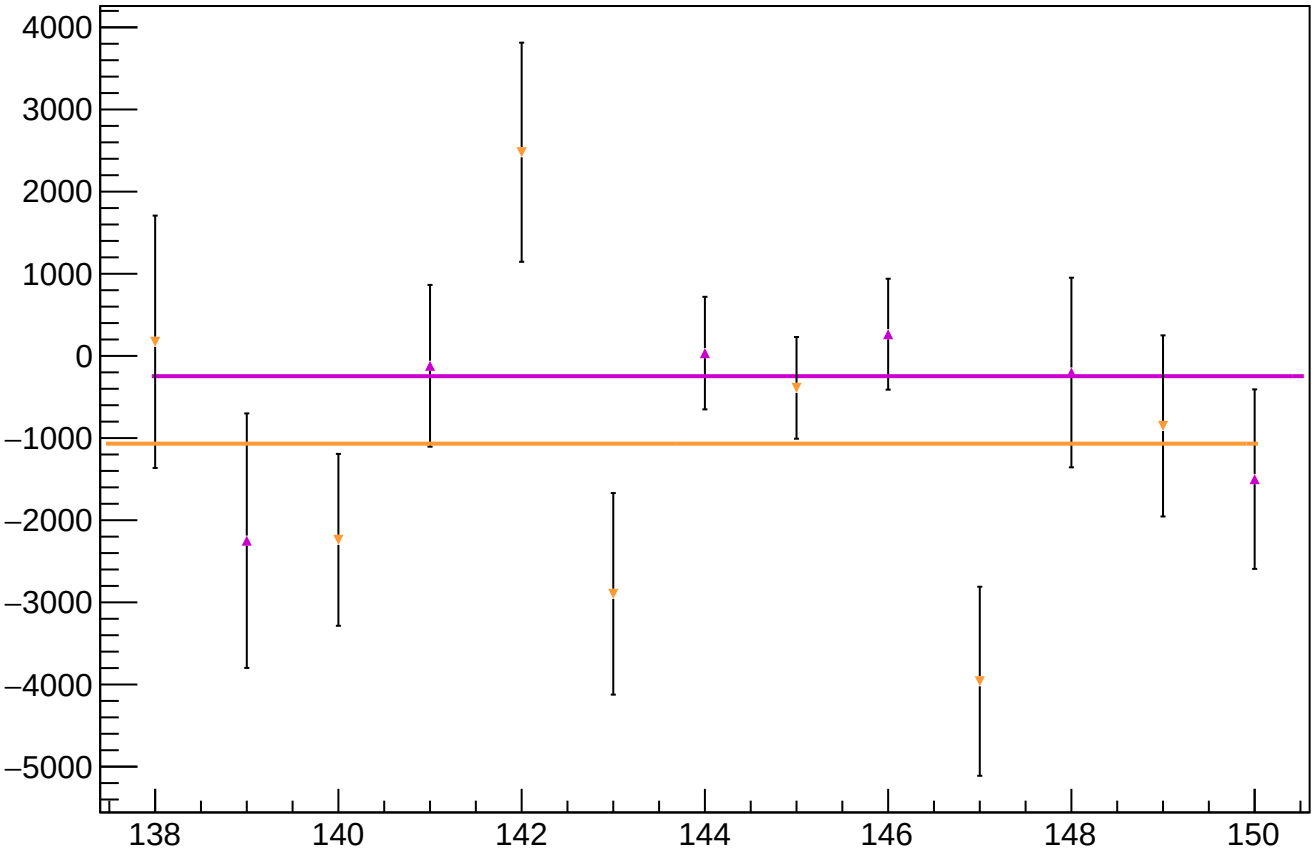
Left In: 116.055+/-0.038 χ^2/NDF:370774.0/5

+ sign 120.548+/-0.026 χ^2/NDF: 1658964.4/23

All: 122.088+/-0.019 χ^2/NDF: 3543301.5/48

- sign 123.707+/-0.027 χ^2/NDF: 1877266.5/24

asym_sam3_correction_mean vs Slug



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

Left Out: -1067.948+/-384.888 χ^2/NDF:18.8/6

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

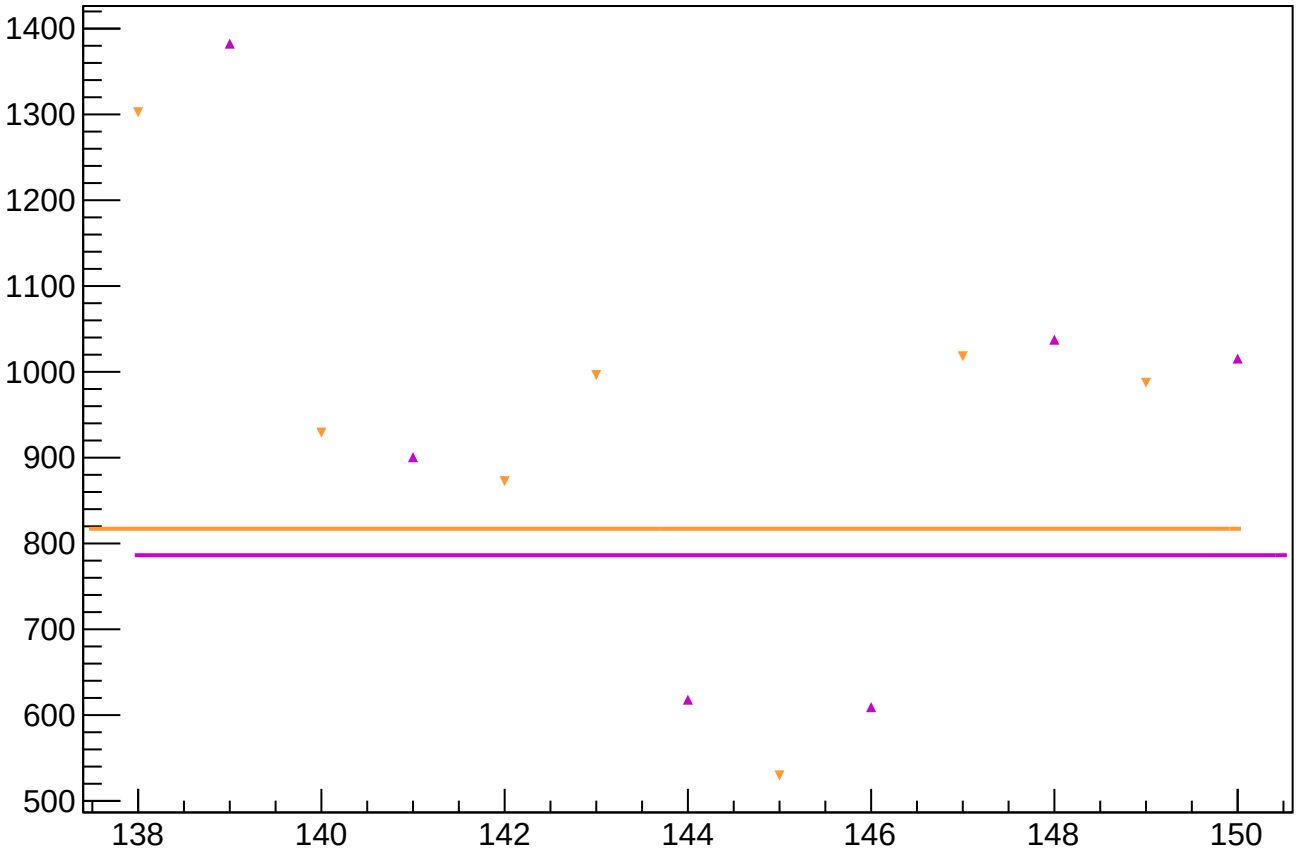
Left In: -246.618+/-368.590 χ^2/NDF:3.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -639.526+/-266.208 χ^2/NDF: 24.9/12

- 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: 817.134+/-0.272 χ^2/NDF:808380.6/6

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

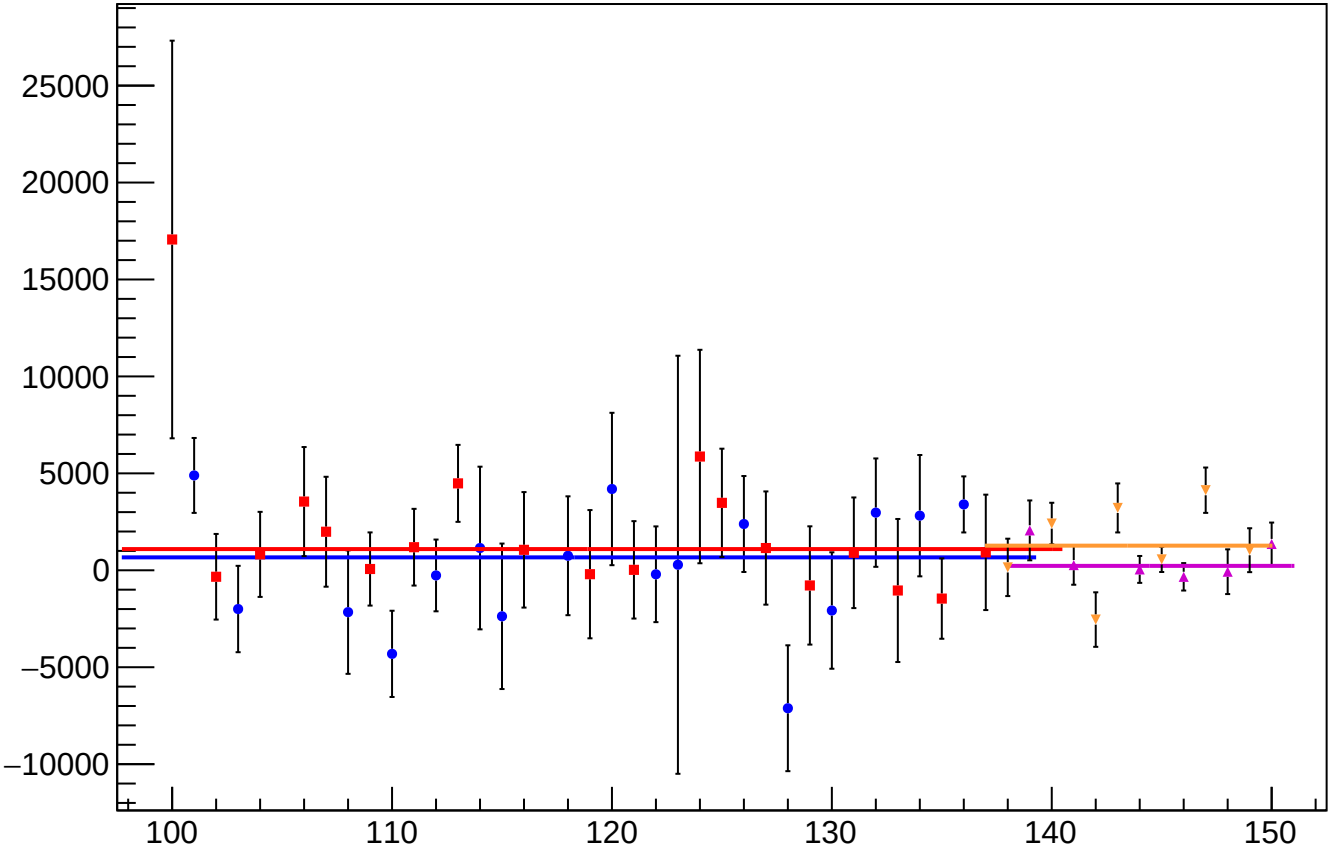
Left In: 786.309+/-0.261 χ^2/NDF:764044.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 801.055+/-0.188 χ^2/NDF: 1579116.5/12

- 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: 1270.881+/-397.324 χ^2/NDF:18.6/6

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

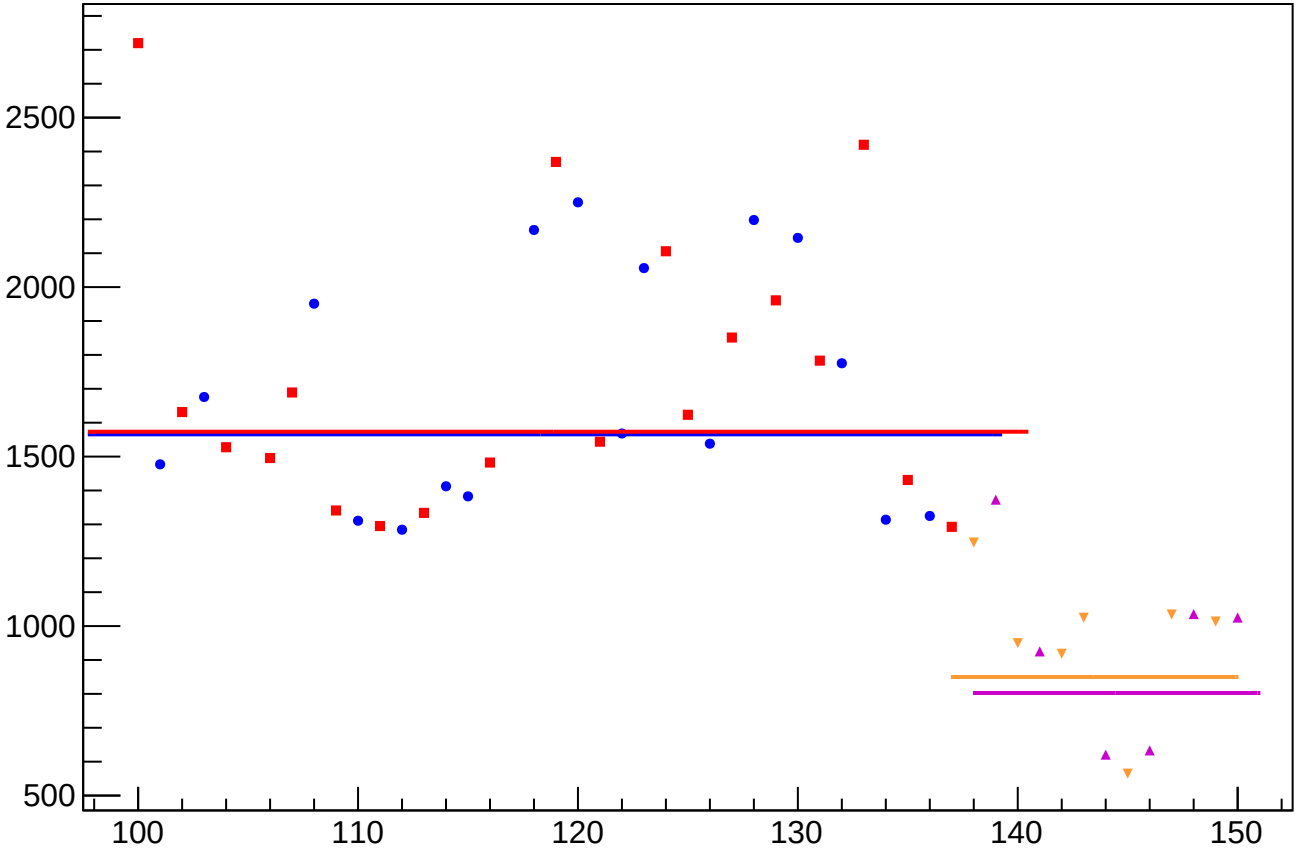
Left In: 227.768+/-376.878 χ^2/NDF:3.2/5

+ sign 1094.450+/-334.344 χ^2/NDF: 45.0/23

All: 768.814+/-231.004 χ^2/NDF: 62.5/48

- sign 471.381+/-319.537 χ^2/NDF: 15.7/24

asym_sam3_rms vs Slug



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

Left Out: 849.743+/-0.281 χ^2/NDF:680069.6/6

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

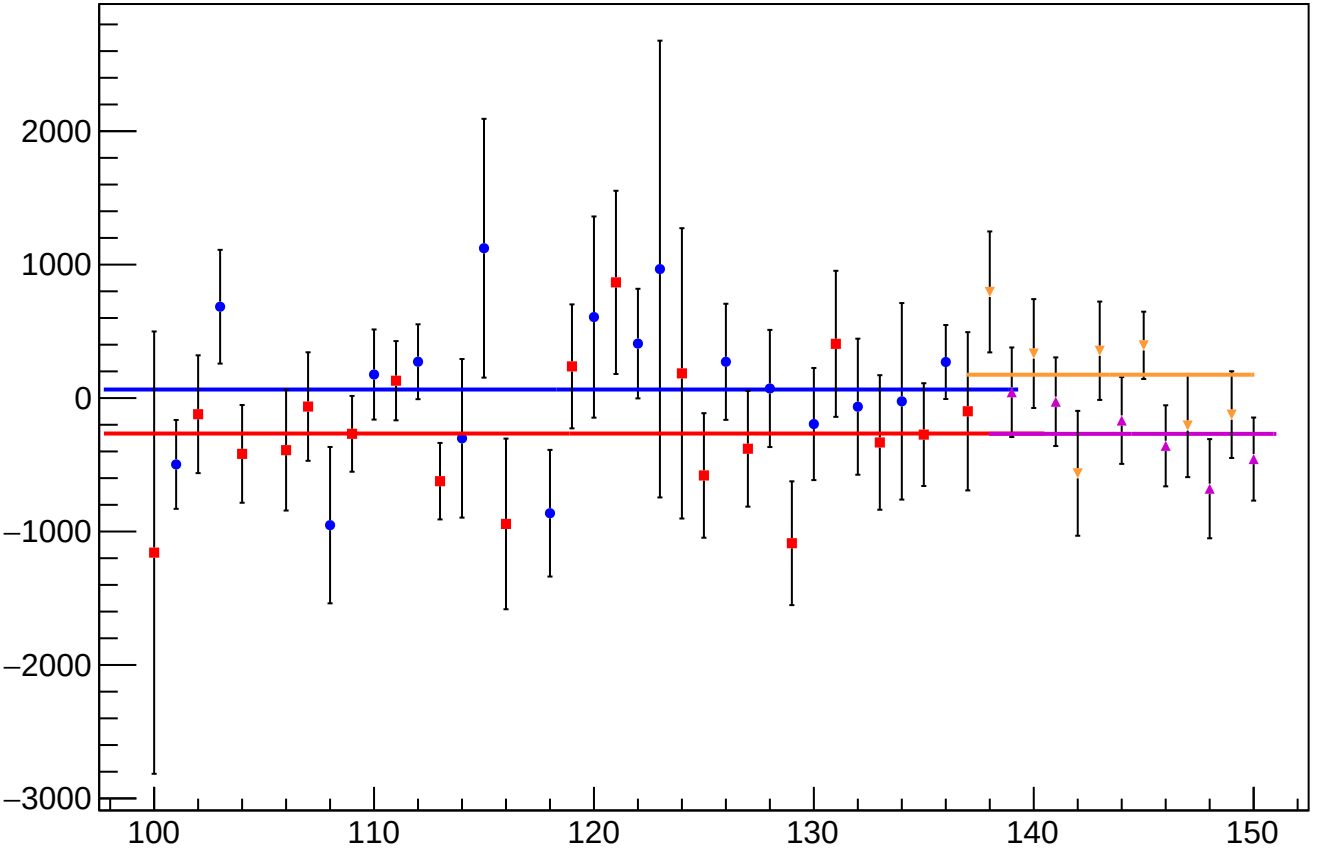
Left In: 802.636+/-0.266 χ^2/NDF:717170.6/5

+ sign 1058.707+/-0.236 χ^2/NDF: 3066041.2/23

All: 1038.123+/-0.163 χ^2/NDF: 6611345.7/48

- sign 1019.322+/-0.226 χ^2/NDF: 3530800.0/24

dit_asym_sam4_mean vs Slug



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

Left Out: 175.014+/-135.212 χ^2/NDF:7.3/6

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

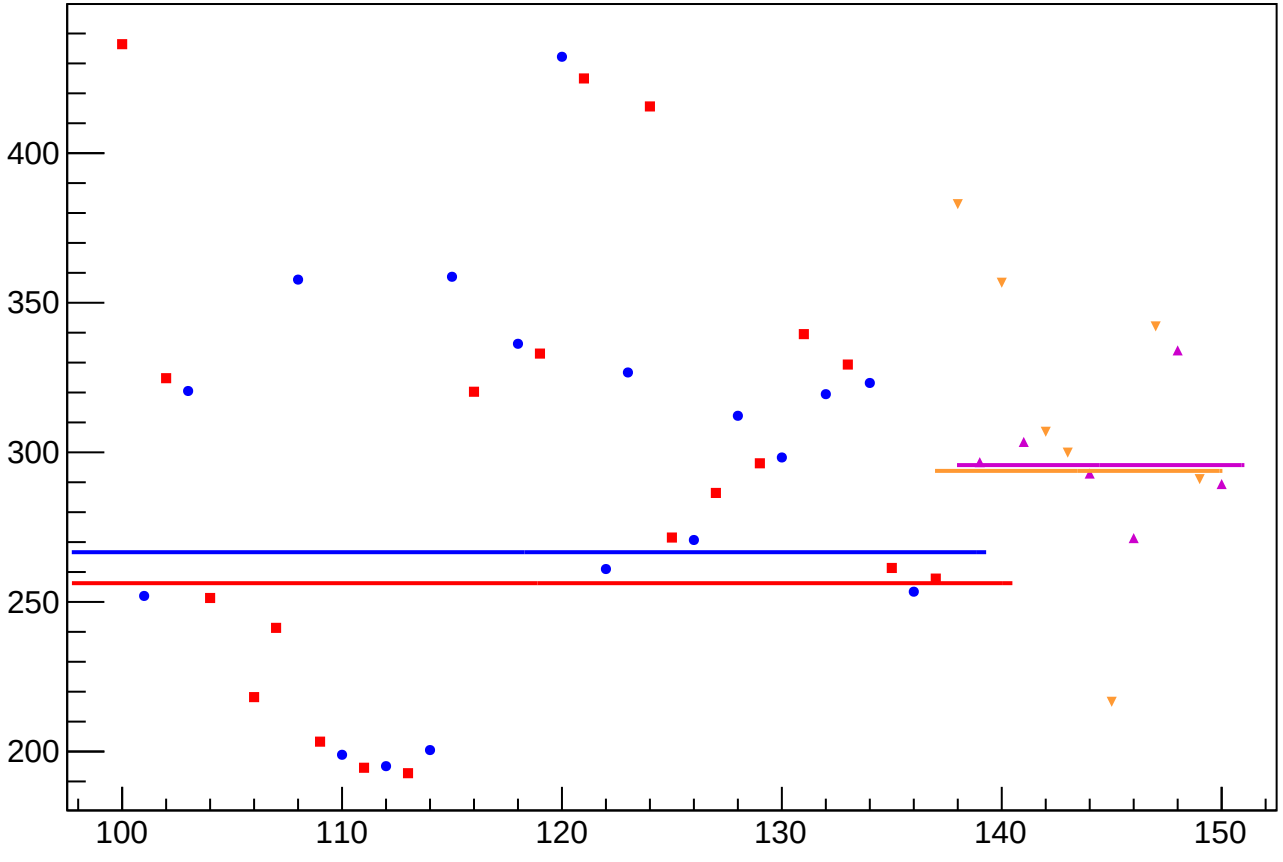
Left In: -268.187+/-133.864 χ^2/NDF:3.2/5

+ sign 105.983+/-83.096 χ^2/NDF: 24.5/23

All: -87.837+/-57.555 χ^2/NDF: 52.8/48

- sign -266.559+/-79.794 χ^2/NDF: 17.8/24

dit_asym_sam4_rms vs Slug



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

Left Out: 293.805+/-0.096 χ^2/NDF:345677.0/6

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

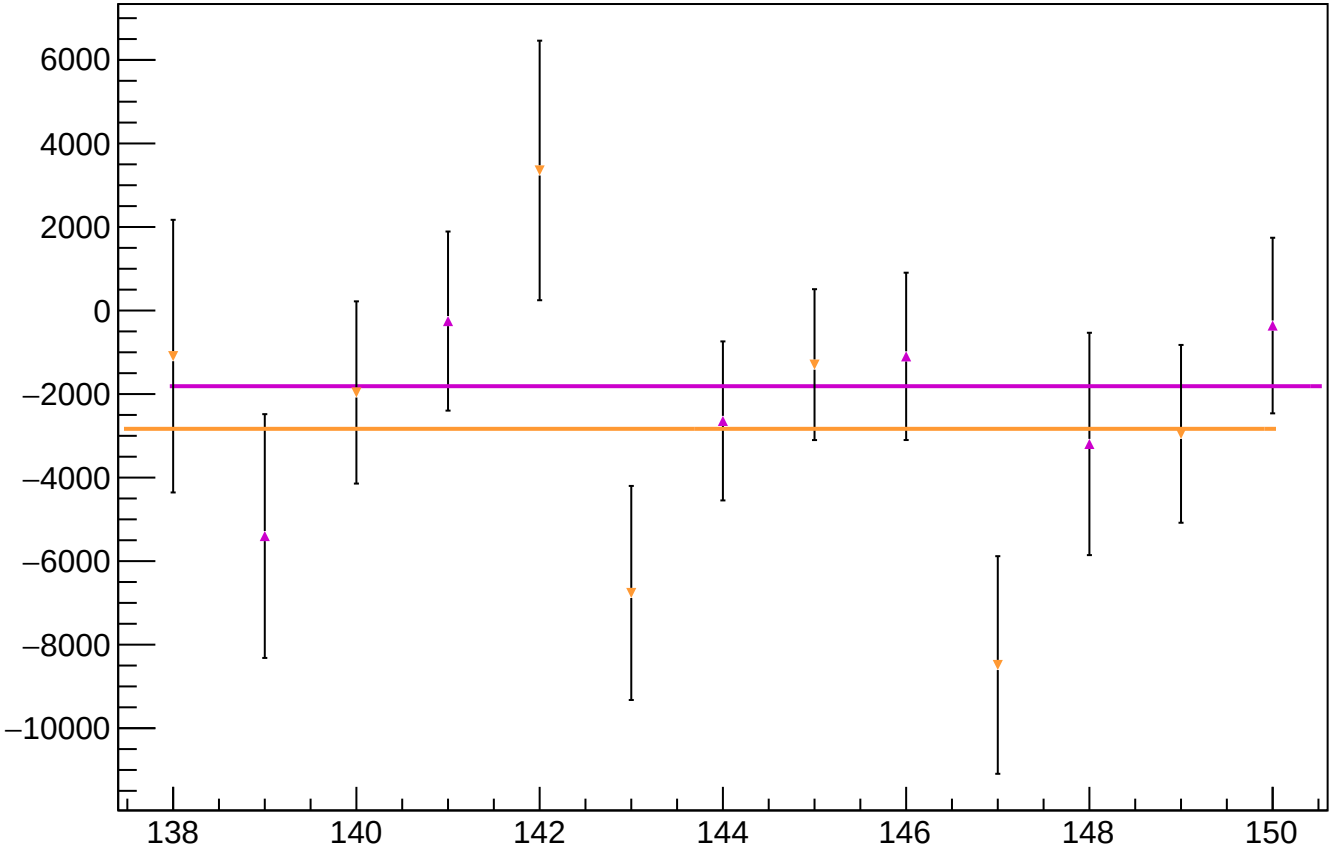
Left In: 295.739+/-0.095 χ^2/NDF:36294.9/5

+ sign 276.890+/-0.059 χ^2/NDF: 946725.2/23

All: 273.458+/-0.041 χ^2/NDF: 1798575.3/48

- sign 270.293+/-0.056 χ^2/NDF: 845291.0/24

asym_sam4_correction_mean vs Slug



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

Left Out: -2832.279+/-900.060 χ^2/NDF:12.2/6

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

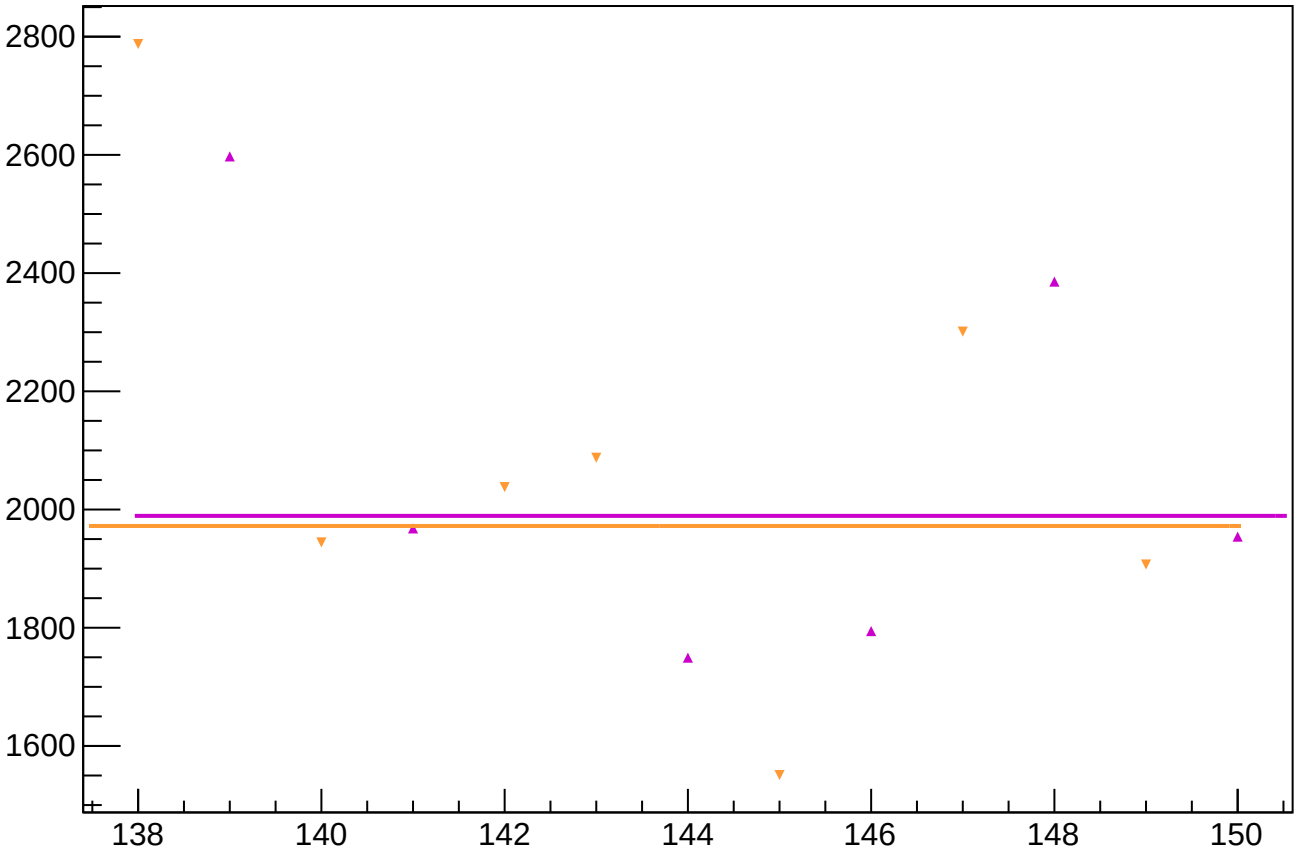
Left In: -1811.680+/-902.579 χ^2/NDF:3.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2323.406+/-637.327 χ^2/NDF: 15.9/12

- 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: 1972.175+/-0.636 χ^2/NDF:272701.4/6

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

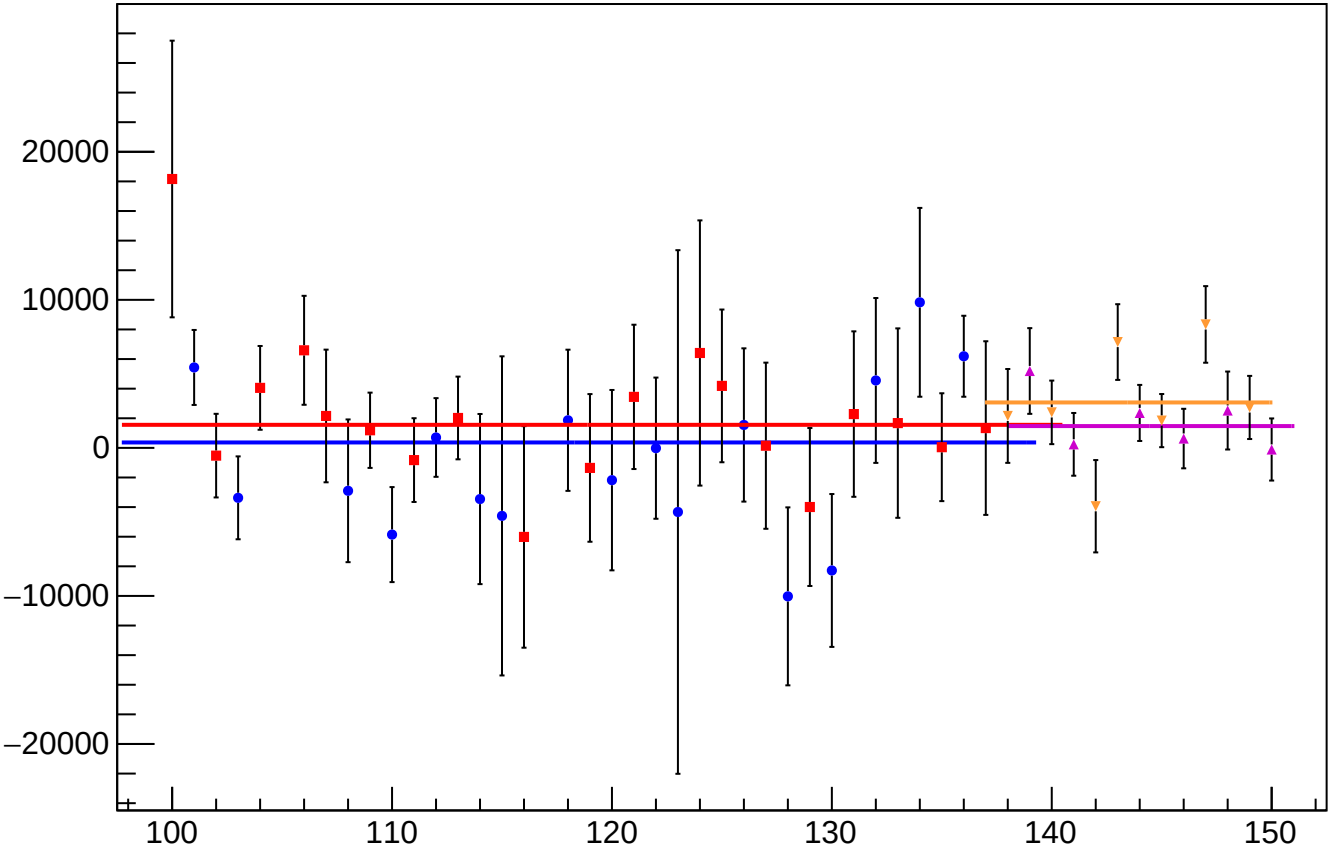
Left In: 1989.276+/-0.638 χ^2/NDF:182648.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1980.701+/-0.451 χ^2/NDF: 455709.6/12

- 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: 3068.500+/-893.730 χ^2/NDF:12.4/6

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

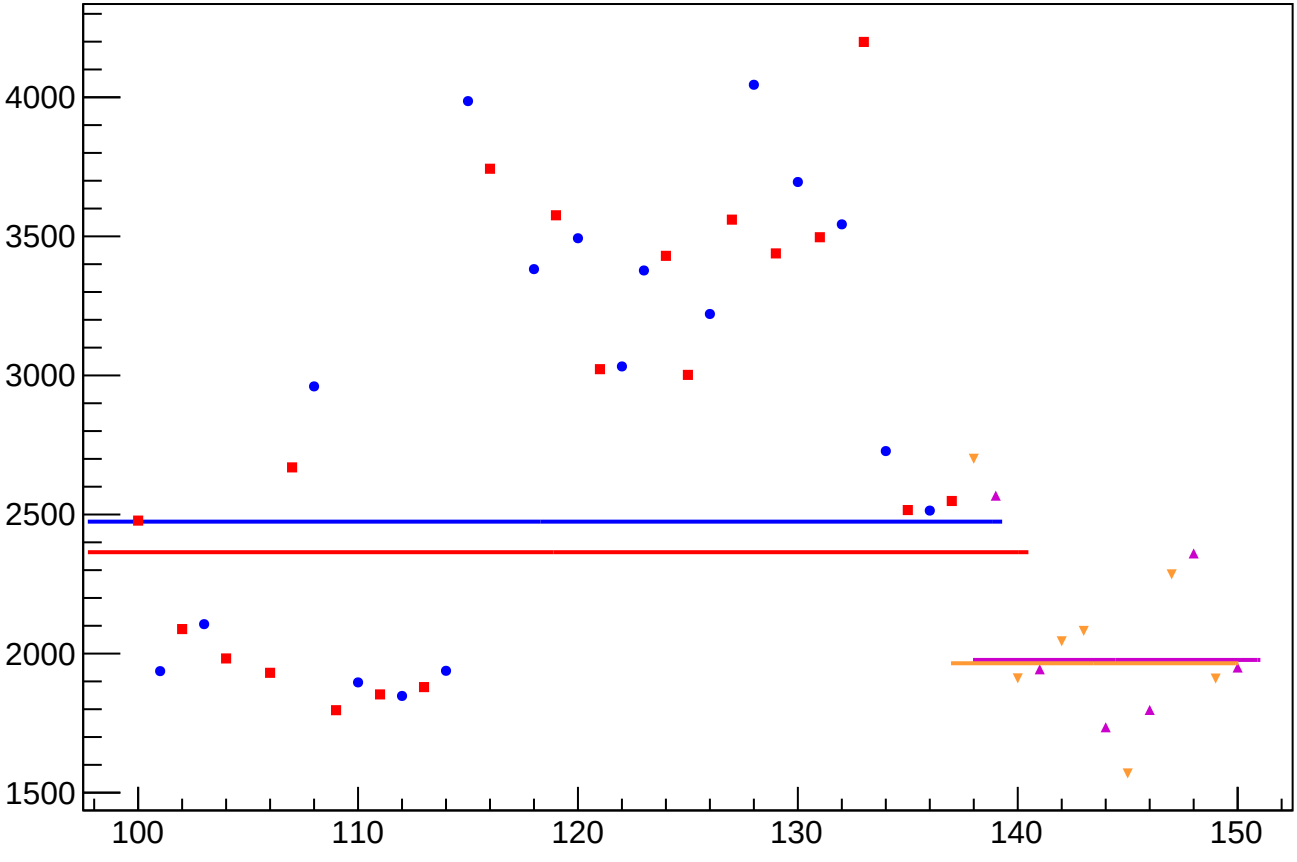
Left In: 1473.029+/-898.117 χ^2/NDF:3.1/5

+ sign 1858.552+/-664.139 χ^2/NDF: 40.7/23

All: 1680.984+/-462.340 χ^2/NDF: 54.5/48

- sign 1514.011+/-644.021 χ^2/NDF: 13.7/24

asym_sam4_rms vs Slug



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

Left Out: 1965.218+/-0.632 χ^2/NDF:243468.5/6

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

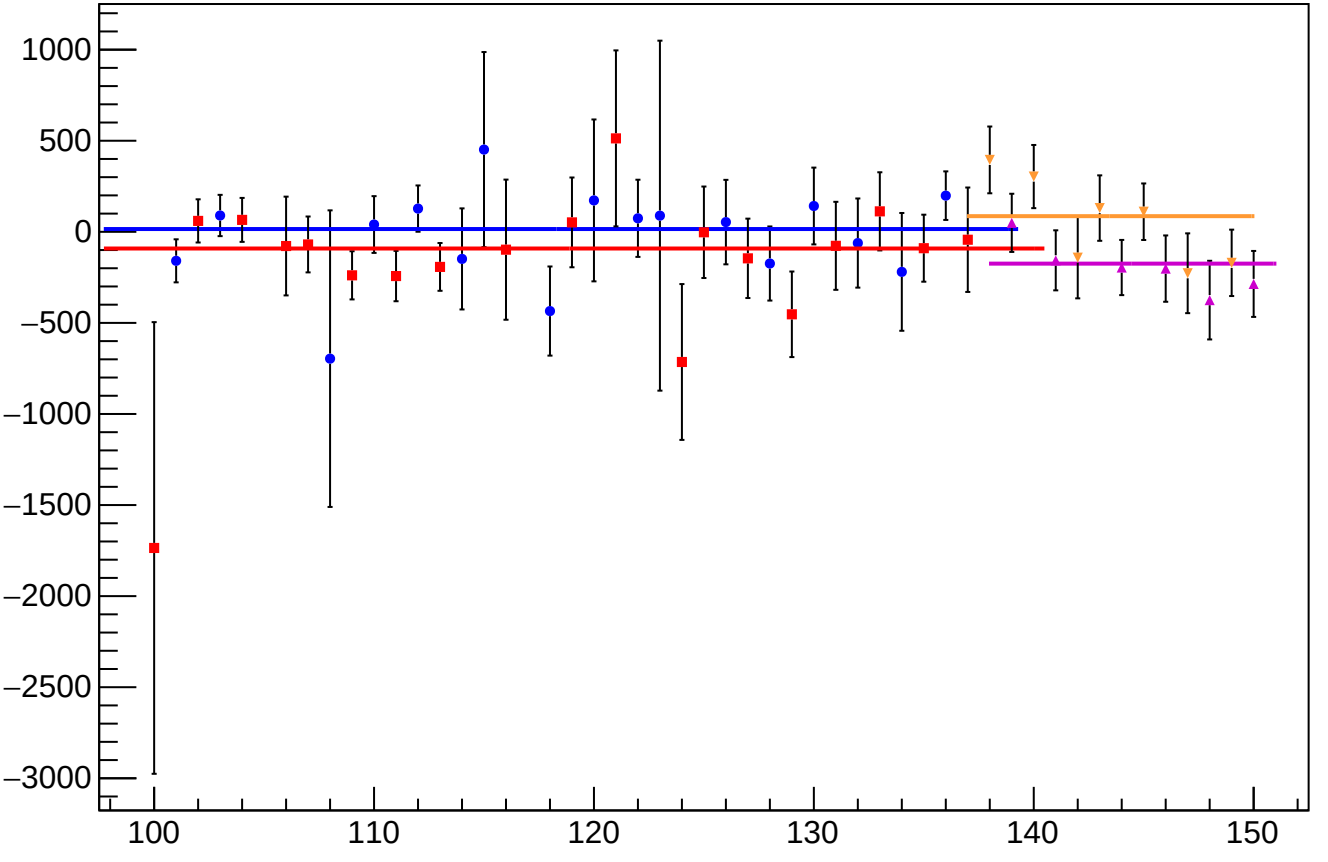
Left In: 1977.207+/-0.635 χ^2/NDF:175073.8/5

+ sign 2193.219+/-0.470 χ^2/NDF: 1440412.8/23

All: 2178.859+/-0.327 χ^2/NDF: 2821385.3/48

- sign 2165.356+/-0.455 χ^2/NDF: 1379158.3/24

dit_asym_sam5_mean vs Slug



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

Left Out: 85.955+/-69.582 χ^2/NDF:9.6/6

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

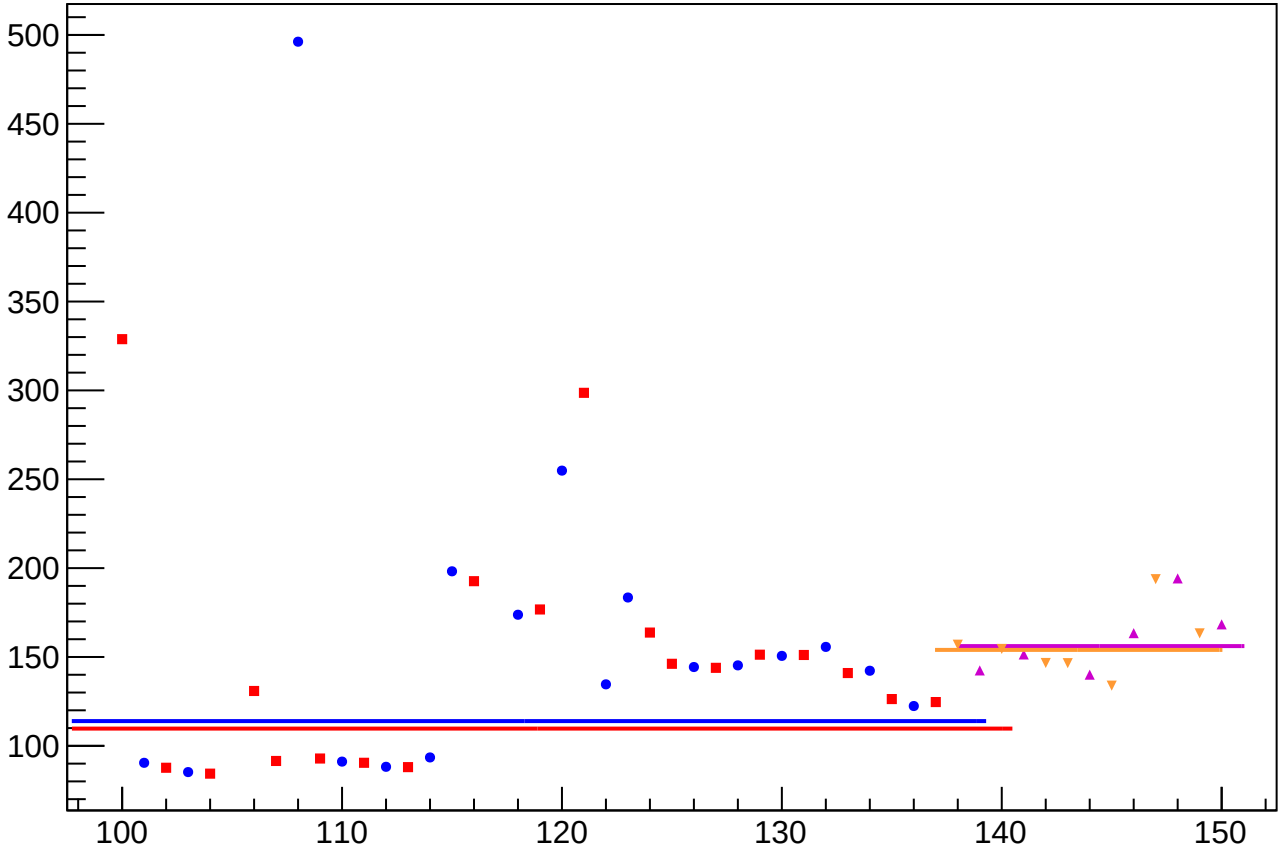
Left In: -174.625+/-70.409 χ^2/NDF:3.3/5

+ sign 37.078+/-38.629 χ^2/NDF: 22.8/23

All: -42.149+/-26.681 χ^2/NDF: 50.8/48

- sign -114.422+/-36.895 χ^2/NDF: 19.9/24

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 153.989+/-0.049 χ^2/NDF:110977.9/6

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

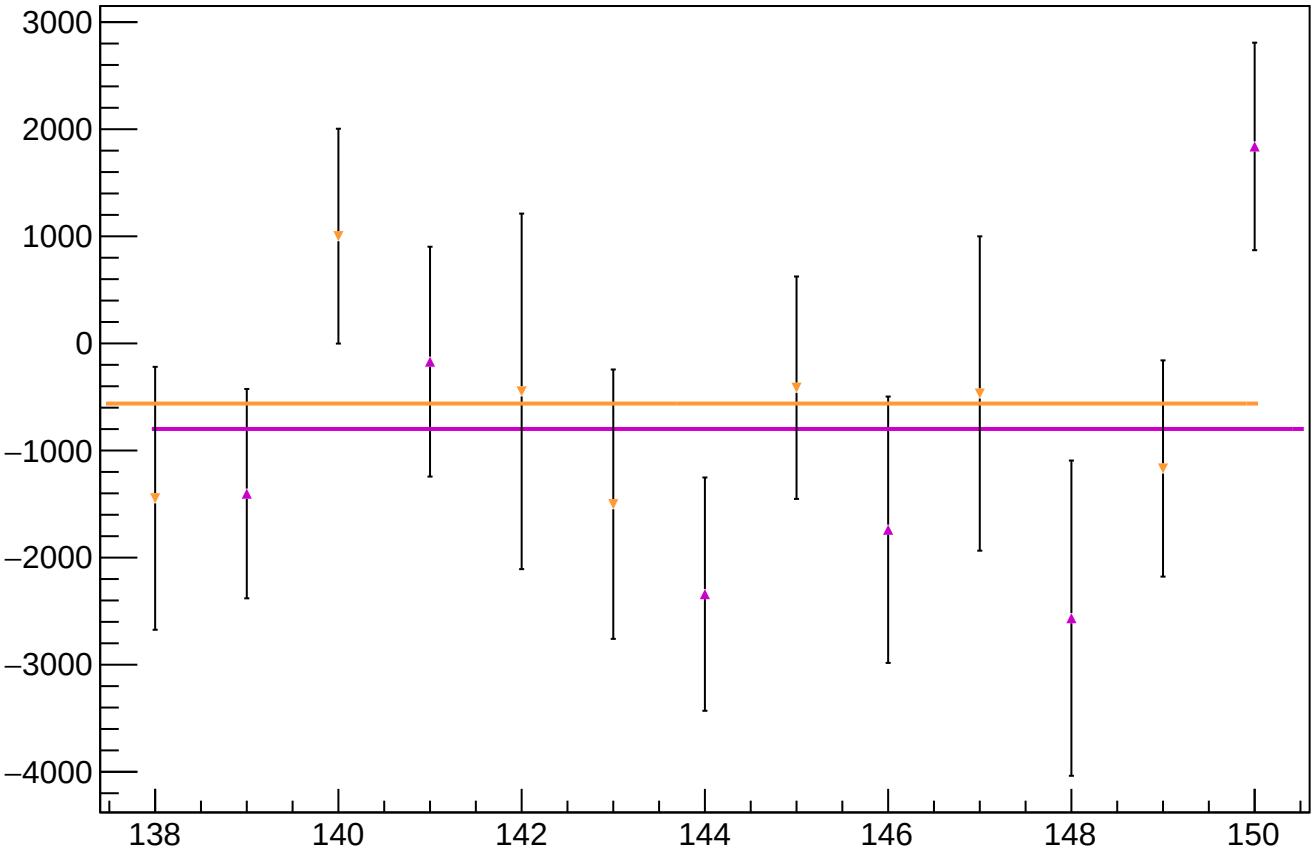
Left In: 156.129+/-0.050 χ^2/NDF:113366.1/5

+ sign 126.277+/-0.027 χ^2/NDF: 1977363.6/23

All: 124.279+/-0.019 χ^2/NDF: 3973599.9/48

- sign 122.456+/-0.026 χ^2/NDF: 1985998.4/24

asym_sam5_correction_mean vs Slug



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

Left Out: -561.581+/-446.066 χ^2/NDF:3.9/6

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

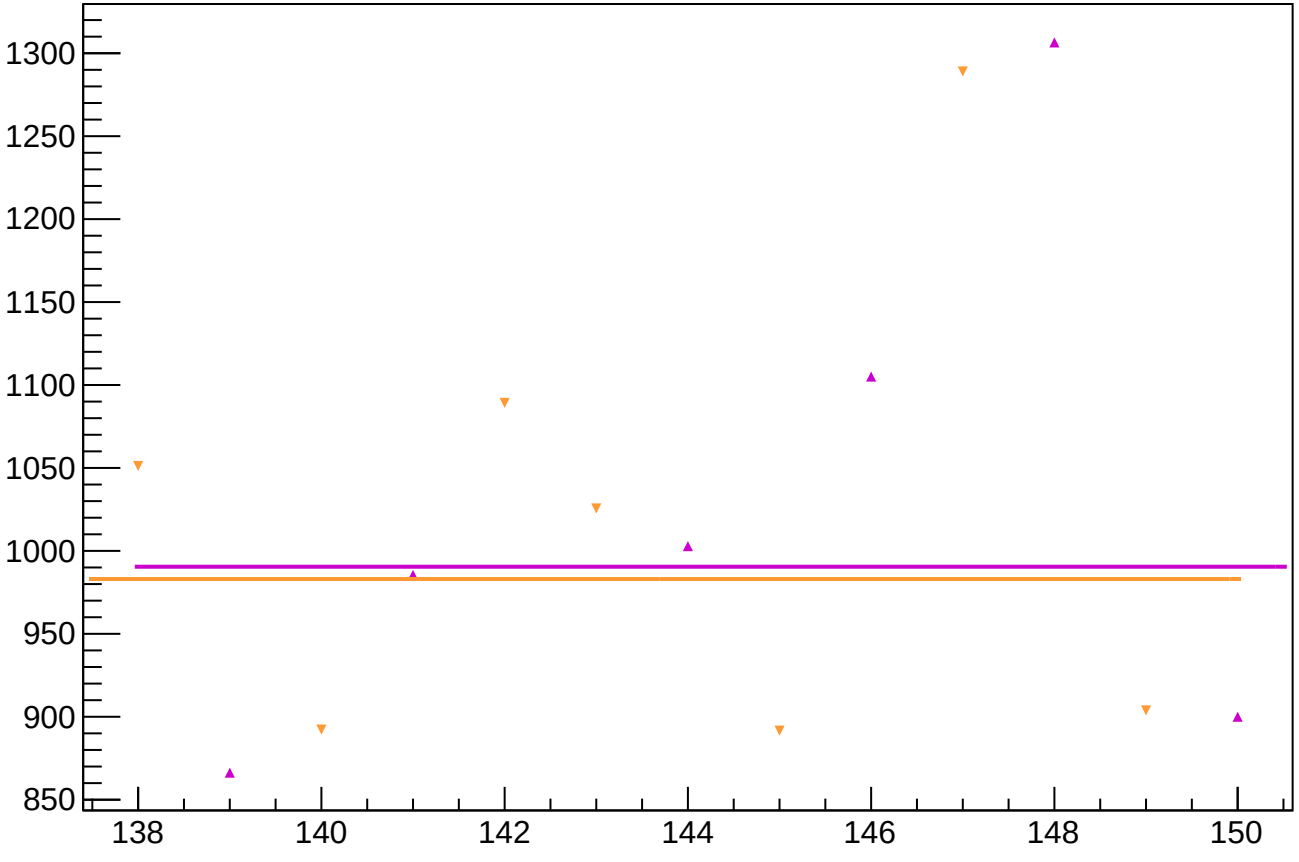
Left In: -798.800+/-450.291 χ^2/NDF:12.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -679.072+/-316.899 χ^2/NDF: 16.2/12

- 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: 983.046+/-0.315 χ^2/NDF:147774.0/6

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

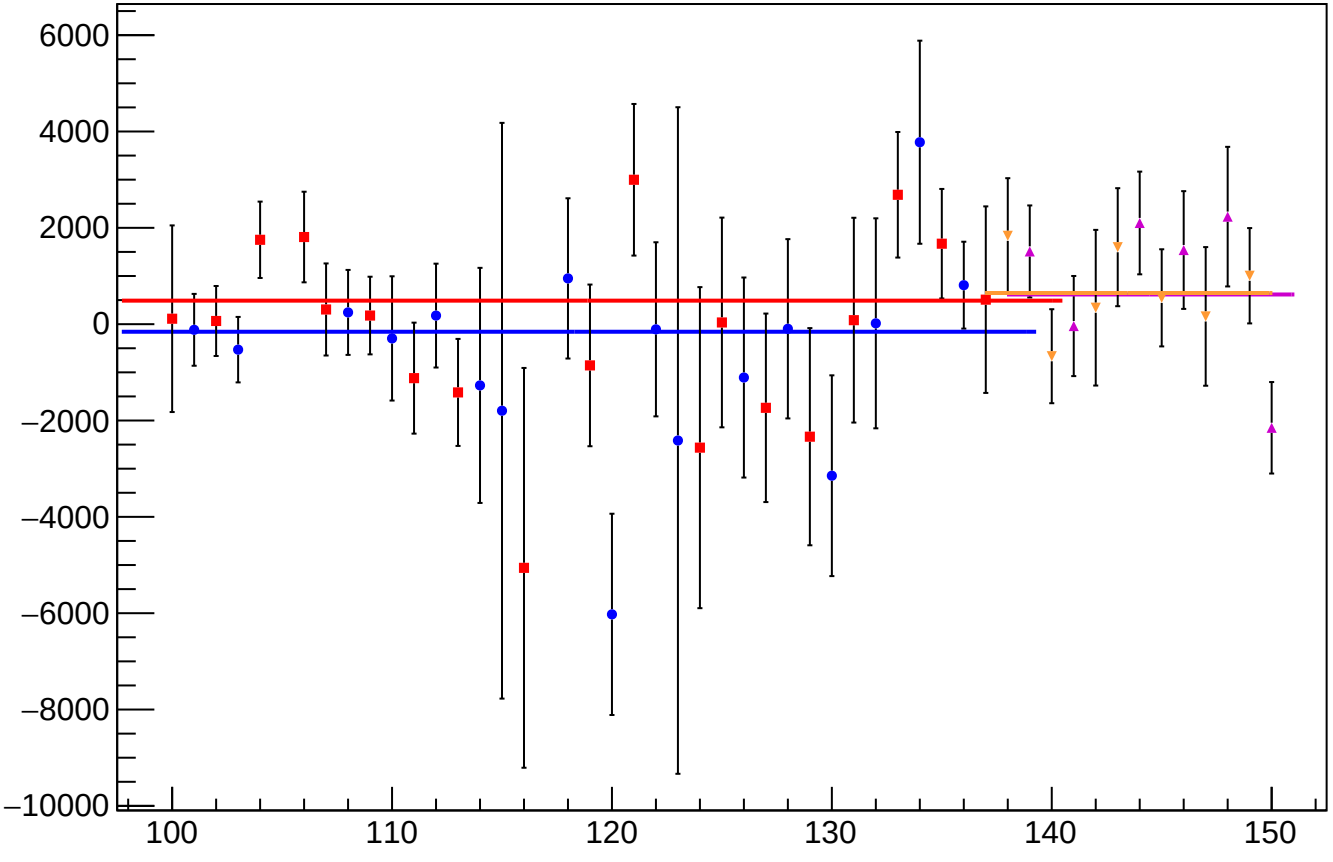
Left In: 990.455+/-0.318 χ^2/NDF:159229.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 986.716+/-0.224 χ^2/NDF: 307276.4/12

- 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: 647.232+/-434.911 χ^2/NDF:3.7/6

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

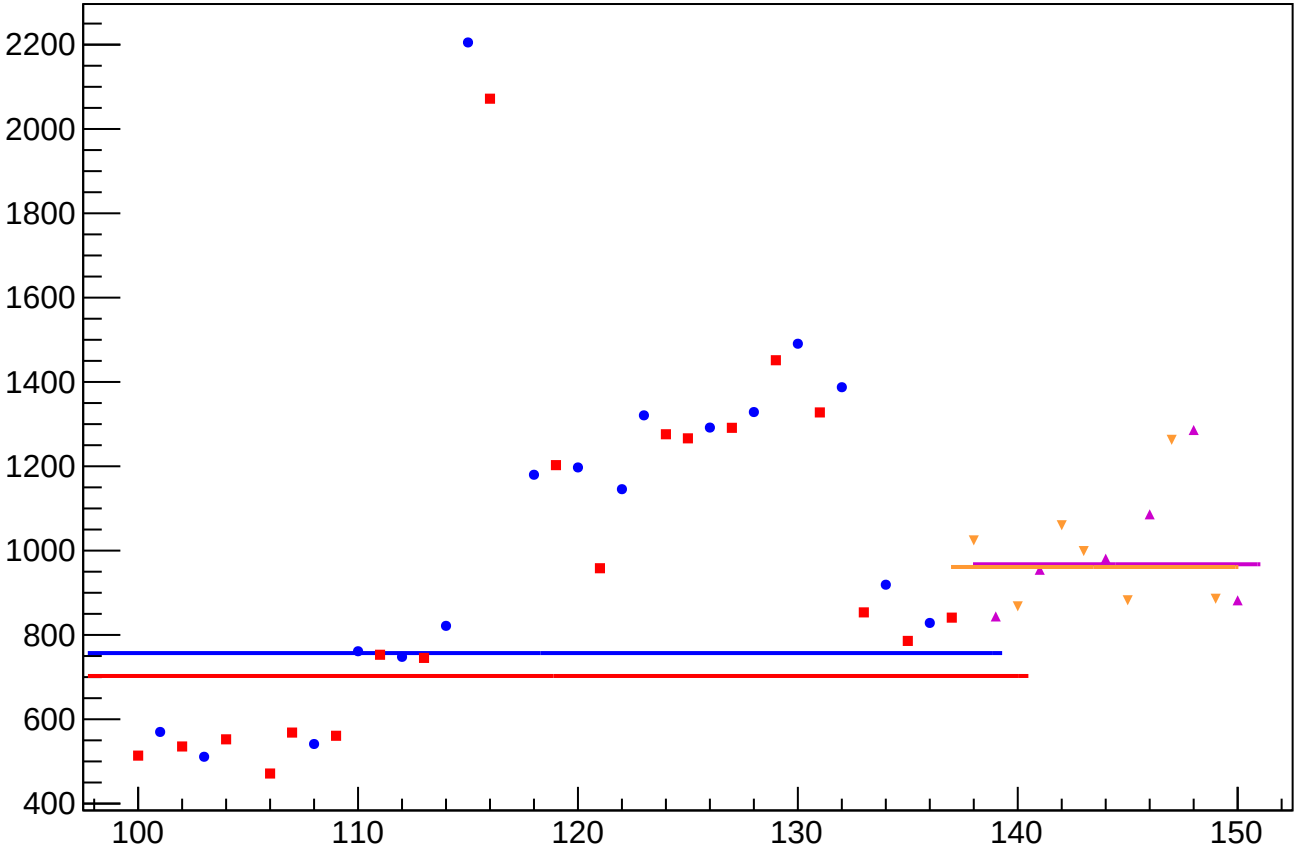
Left In: 616.363+/-440.304 χ^2/NDF:13.5/5

+ sign 116.722+/-253.780 χ^2/NDF: 22.2/23

All: 334.490+/-173.572 χ^2/NDF: 59.8/48

- sign 525.893+/-237.923 χ^2/NDF: 36.2/24

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 961.169+/-0.308 χ^2/NDF:144987.5/6

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

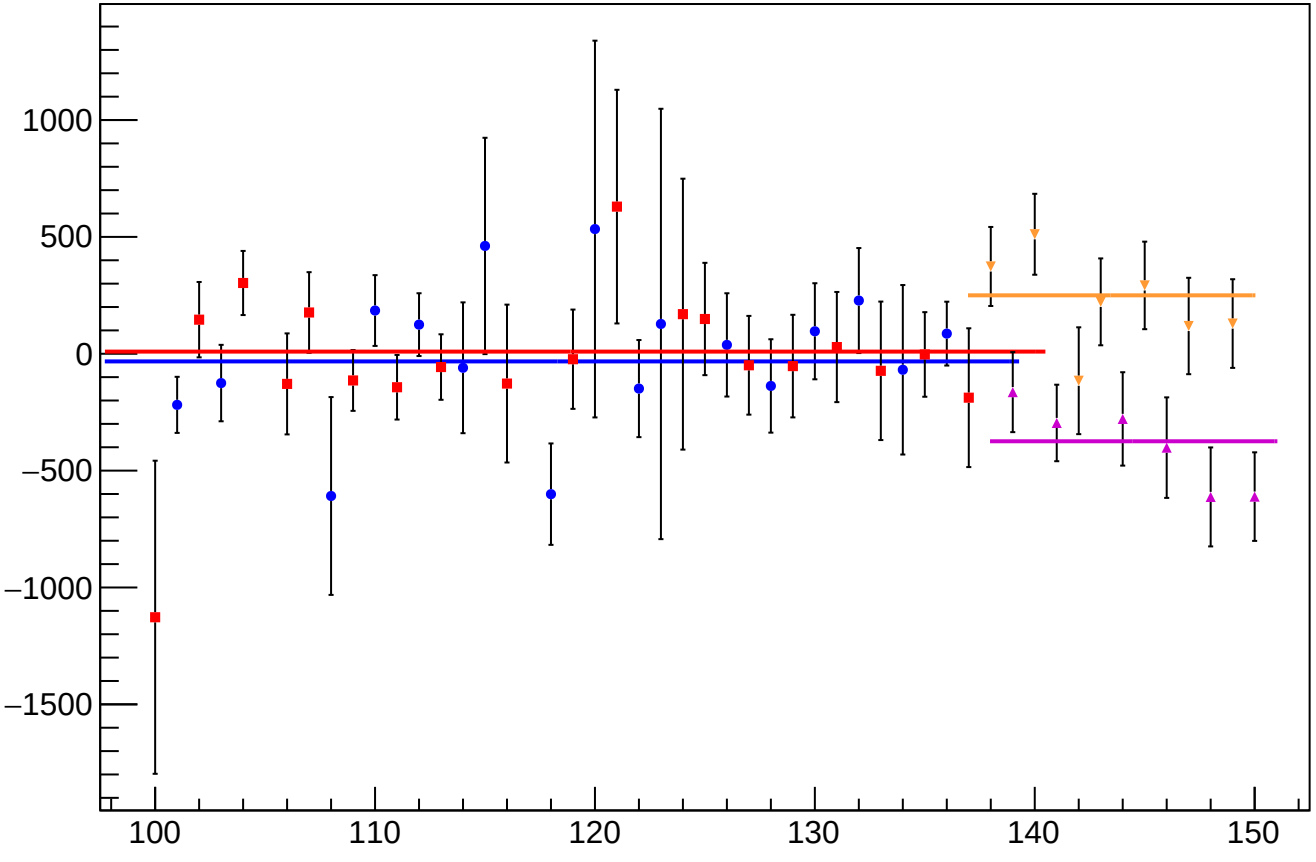
Left In: 967.609+/-0.311 χ^2/NDF:165842.5/5

+ sign 826.509+/-0.179 χ^2/NDF: 2147002.9/23

All: 801.766+/-0.123 χ^2/NDF: 4550892.1/48

- sign 780.019+/-0.168 χ^2/NDF: 2368168.5/24

dit_asym_sam6_mean vs Slug



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 250.010+/-71.381 χ^2/NDF:6.3/6

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

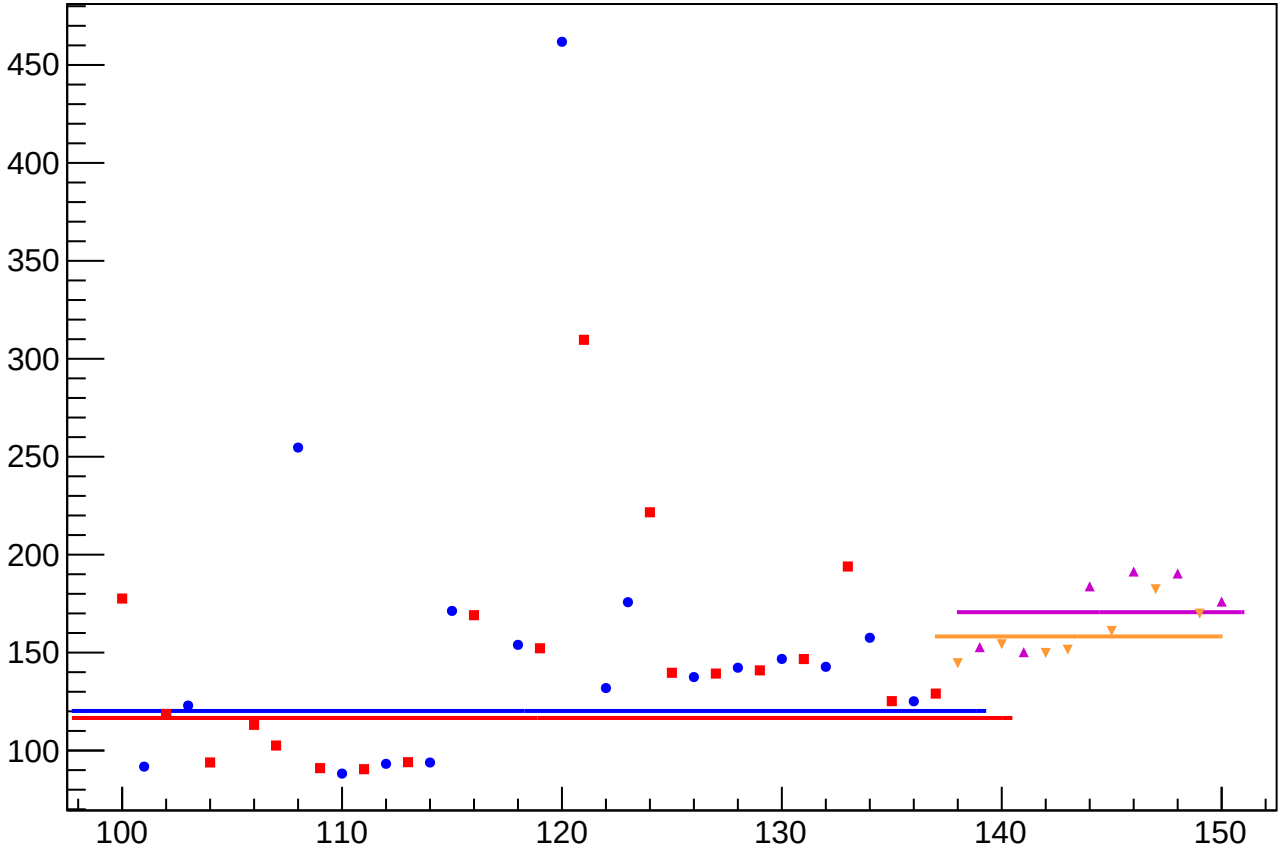
Left In: -374.392+/-77.085 χ^2/NDF:4.8/5

+ sign 56.423+/-40.077 χ^2/NDF: 36.7/23

All: -18.412+/-28.041 χ^2/NDF: 81.4/48

- sign -90.178+/-39.247 χ^2/NDF: 37.9/24

dit_asym_sam6_rms vs Slug



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 158.240+/-0.050 χ^2/NDF:54746.2/6

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

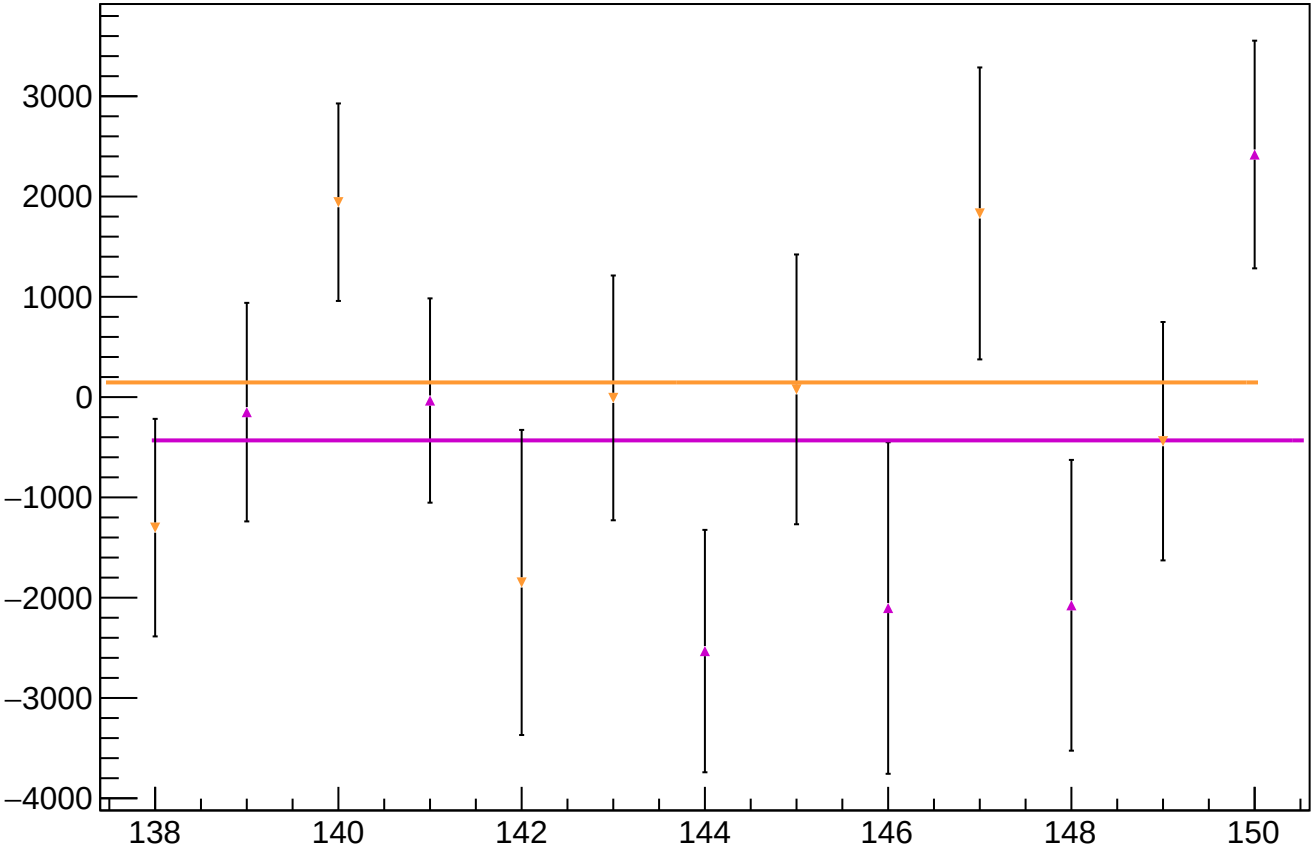
Left In: 170.633+/-0.055 χ^2/NDF:99271.4/5

+ sign 132.196+/-0.028 χ^2/NDF: 1505878.9/23

All: 131.391+/-0.020 χ^2/NDF: 3332141.1/48

- sign 130.620+/-0.028 χ^2/NDF: 1824683.3/24

asym_sam6_correction_mean vs Slug



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

Left Out: 146.287+/-460.396 χ^2/NDF:8.4/6

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

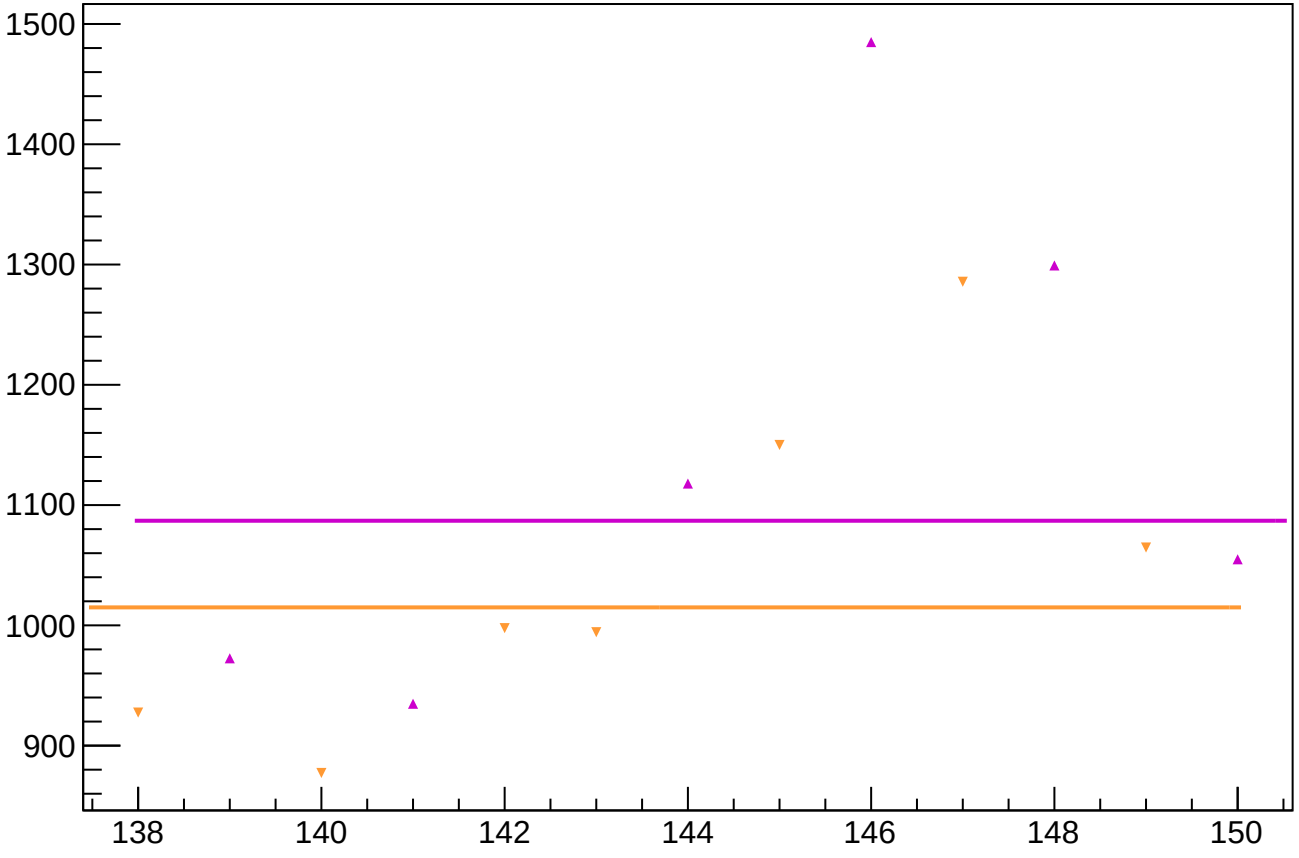
Left In: -431.632+/-493.330 χ^2/NDF:11.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -122.740+/-336.590 χ^2/NDF: 21.0/12

- 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: 1014.938+/-0.326 χ^2/NDF:145794.6/6

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

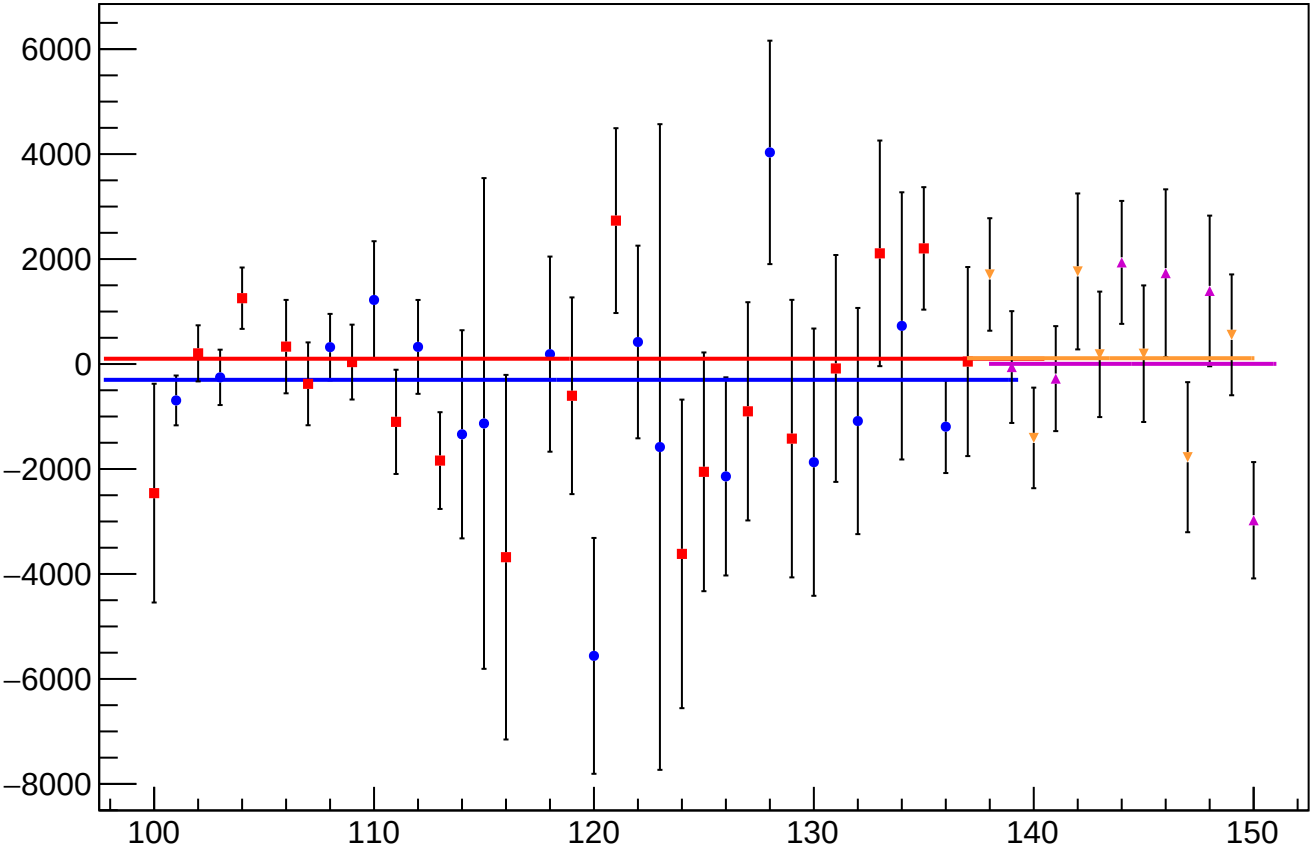
Left In: 1086.975+/-0.349 χ^2/NDF:228381.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1048.472+/-0.238 χ^2/NDF: 396970.2/12

- 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: 110.782+/-449.602 χ^2/NDF:7.9/6

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

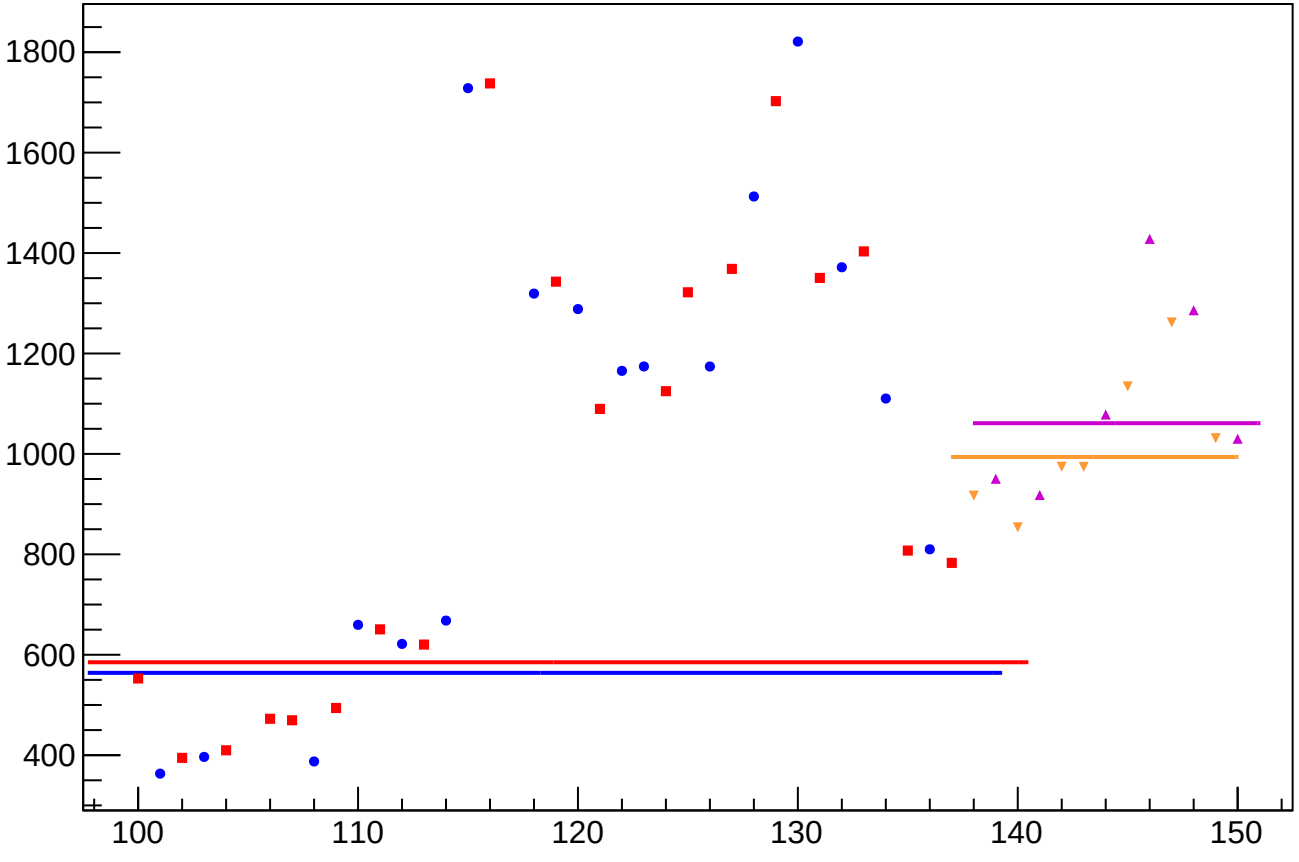
Left In: 3.401+/-482.165 χ^2/NDF:12.1/5

+ sign -203.725+/-218.522 χ^2/NDF: 25.3/23

All: -61.882+/-154.727 χ^2/NDF: 60.9/48

- sign 80.731+/-219.114 χ^2/NDF: 34.7/24

asym_sam6_rms vs Slug



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 993.874+/-0.318 χ^2/NDF:149594.1/6

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

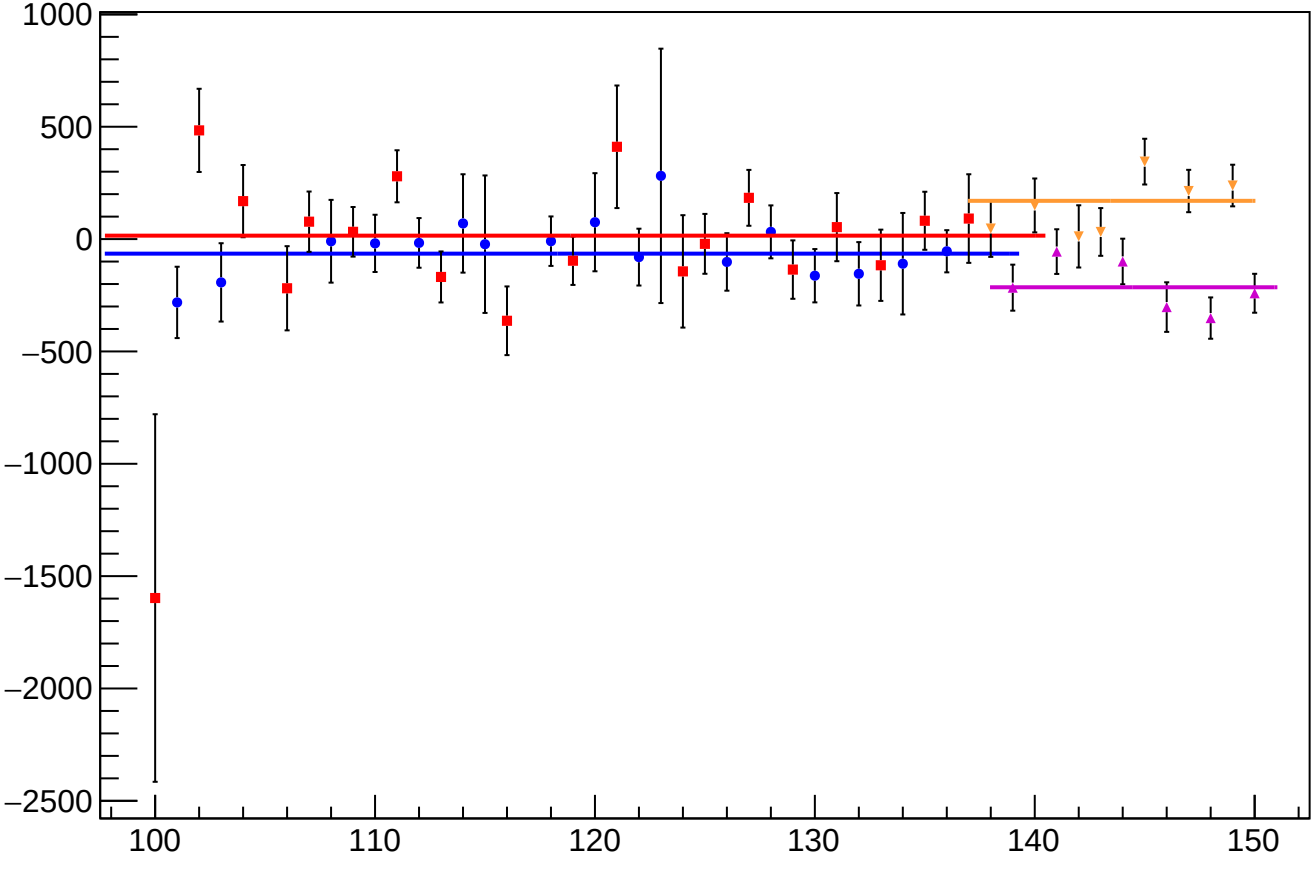
Left In: 1061.170+/-0.341 χ^2/NDF:219218.0/5

+ sign 665.551+/-0.155 χ^2/NDF: 4807490.6/23

All: 674.447+/-0.109 χ^2/NDF: 9401498.4/48

- sign 683.391+/-0.155 χ^2/NDF: 4587360.9/24

dit_asym_sam7_mean vs Slug



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 170.261+/-40.868 χ^2/NDF:7.7/6

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

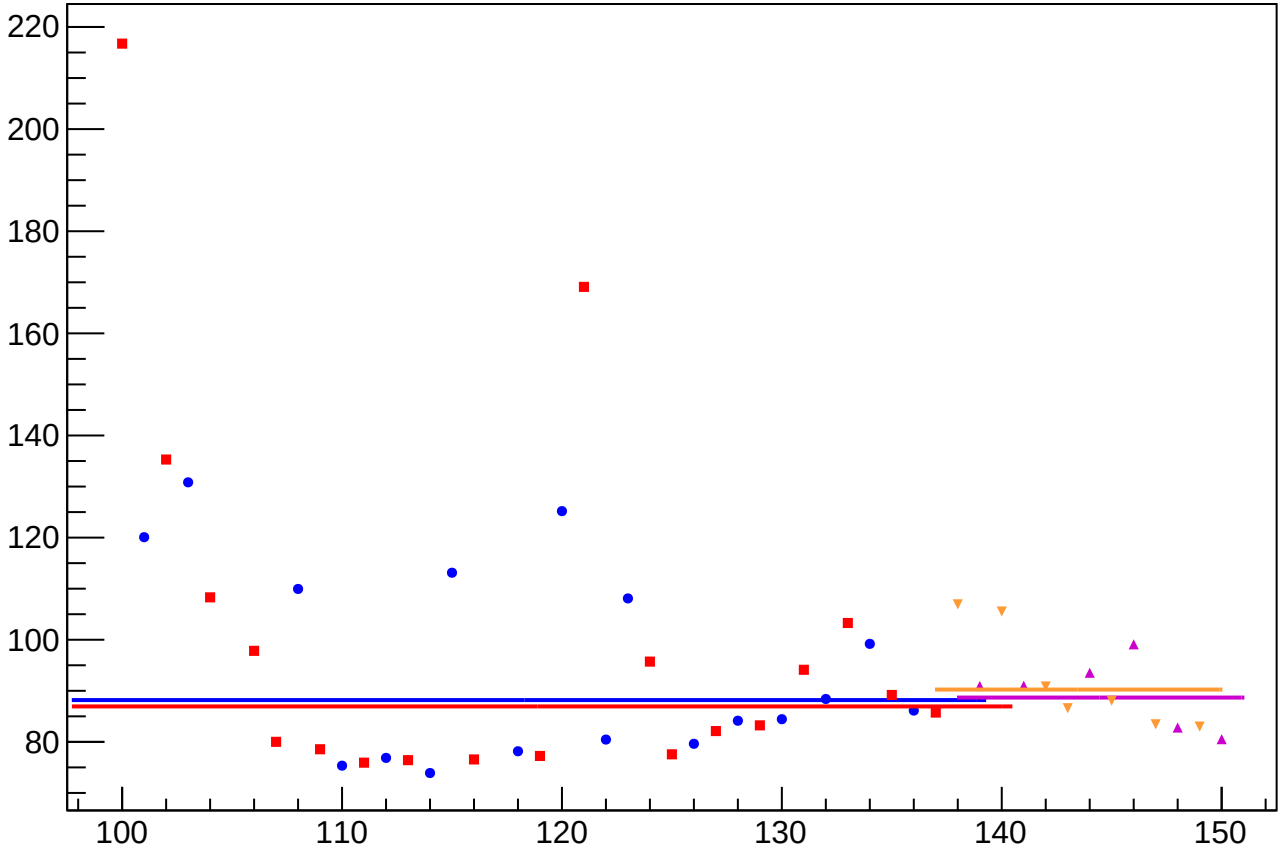
Left In: -214.403+/-39.924 χ^2/NDF:6.8/5

+ sign 33.440+/-26.420 χ^2/NDF: 33.1/23

All: -24.672+/-18.395 χ^2/NDF: 103.7/48

- sign -79.349+/-25.627 χ^2/NDF: 61.2/24

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 90.245+/-0.029 χ^2/NDF:93454.8/6

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

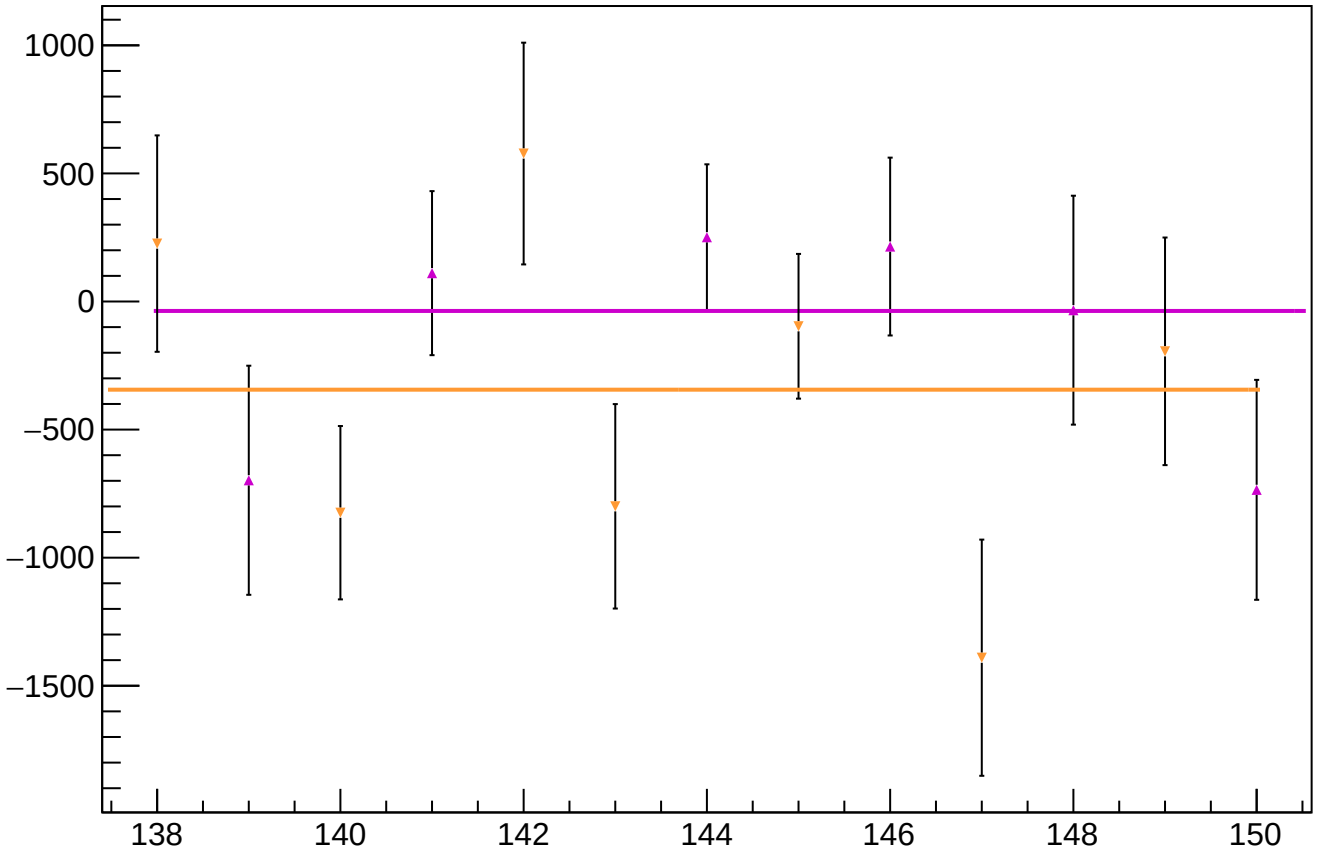
Left In: 88.677+/-0.028 χ^2/NDF:50378.7/5

+ sign 89.046+/-0.019 χ^2/NDF: 490856.1/23

All: 88.331+/-0.013 χ^2/NDF: 1077661.7/48

- sign 87.658+/-0.018 χ^2/NDF: 583958.0/24

asym_sam7_correction_mean vs Slug



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

Left Out: -344.230+/-143.950 χ^2/NDF:15.7/6

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

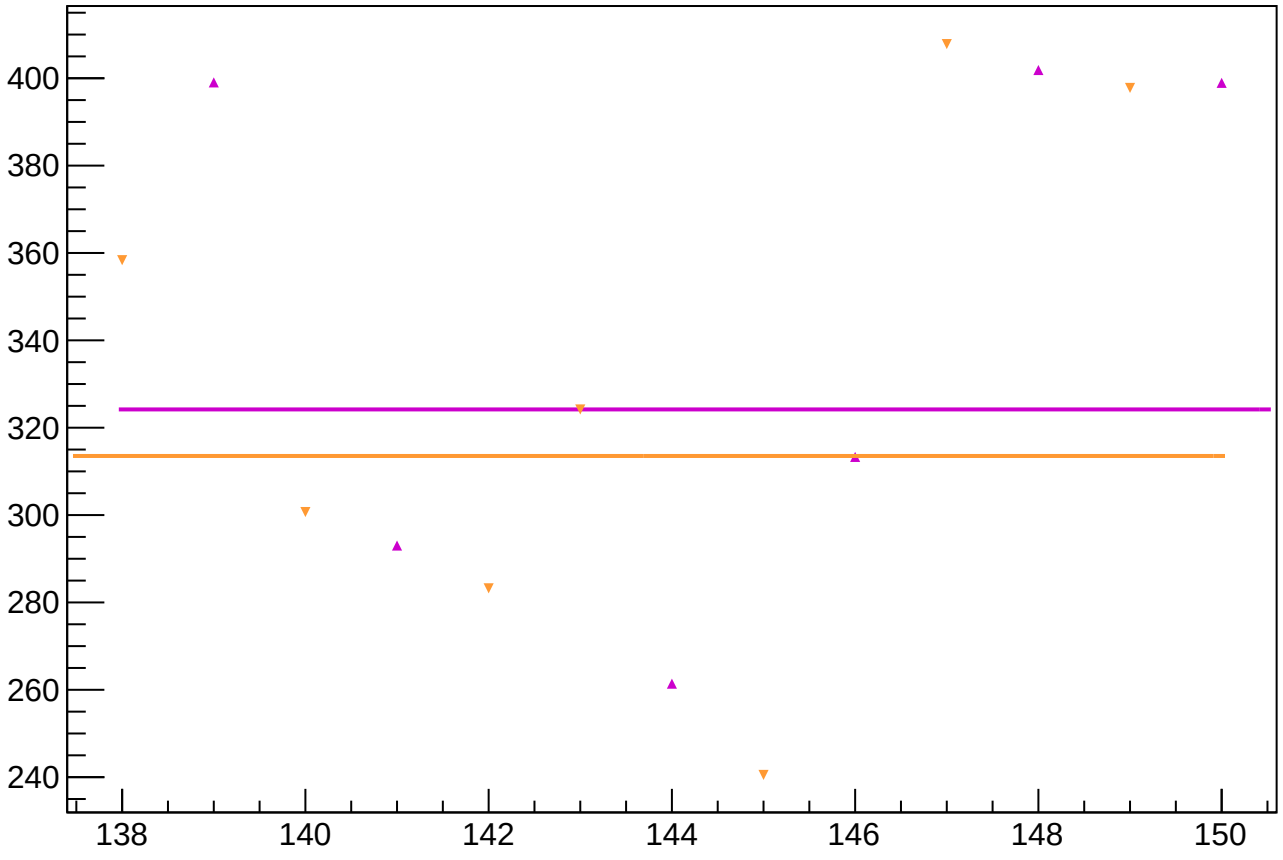
Left In: -36.899+/-147.703 χ^2/NDF:6.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -194.519+/-103.089 χ^2/NDF: 24.5/12

- 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: 313.528+/-0.102 χ^2/NDF:325841.5/6

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

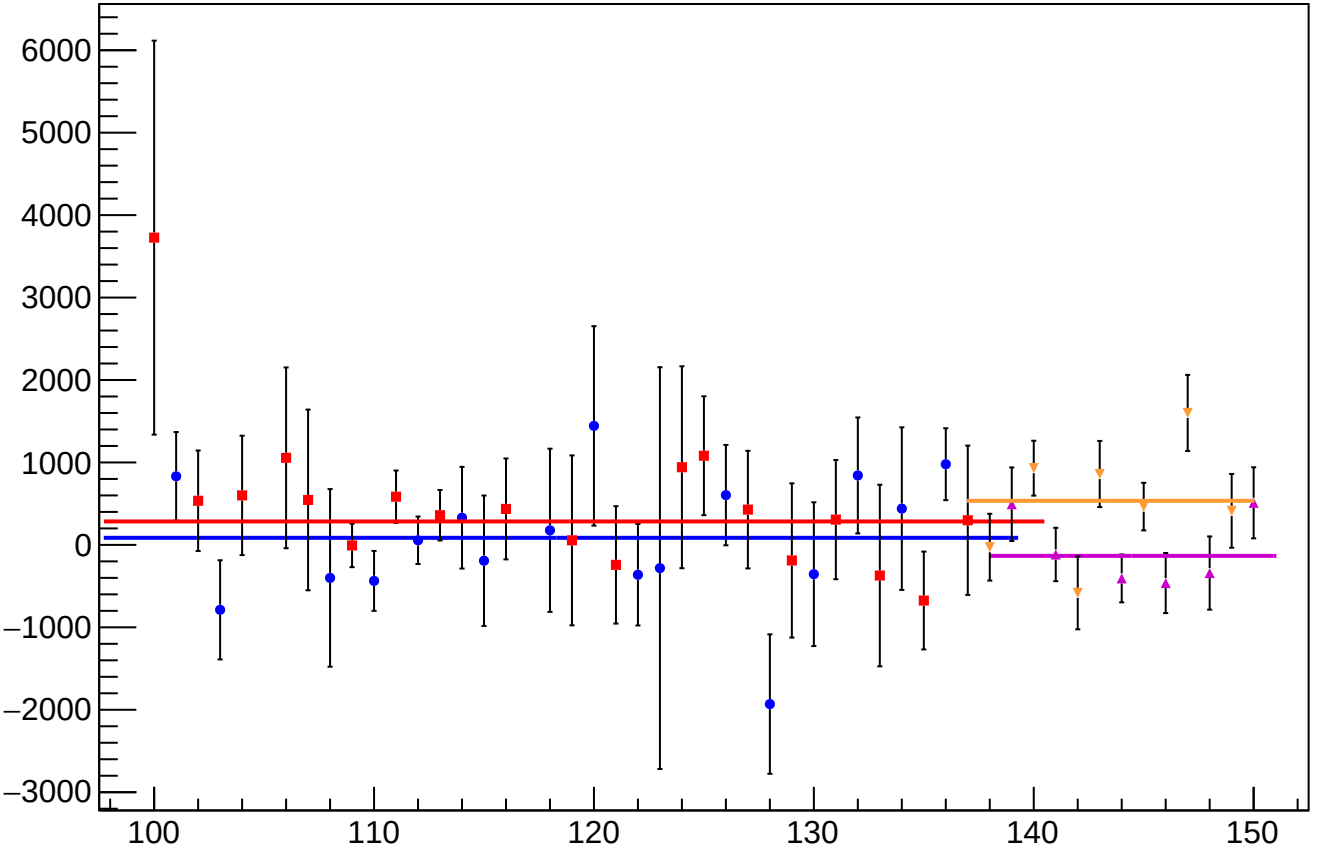
Left In: 324.184+/-0.104 χ^2/NDF:295432.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 318.719+/-0.073 χ^2/NDF: 626612.0/12

- 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: 534.510+/-144.076 χ^2/NDF:15.8/6

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

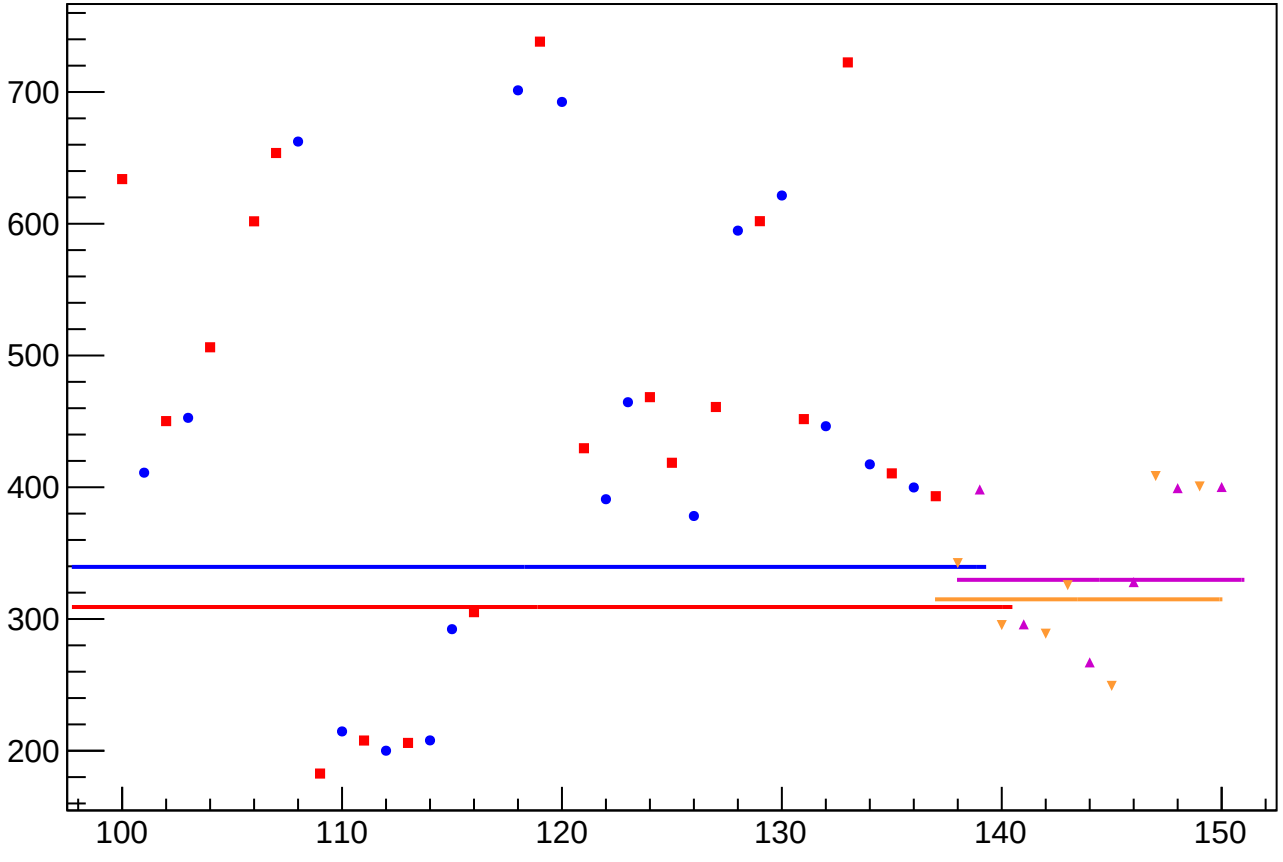
Left In: -133.188+/-150.088 χ^2/NDF:6.1/5

+ sign 307.850+/-101.352 χ^2/NDF: 41.3/23

All: 203.660+/-70.485 χ^2/NDF: 64.5/48

- sign 106.065+/-98.091 χ^2/NDF: 21.2/24

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 314.935+/-0.102 χ^2/NDF:283742.4/6

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

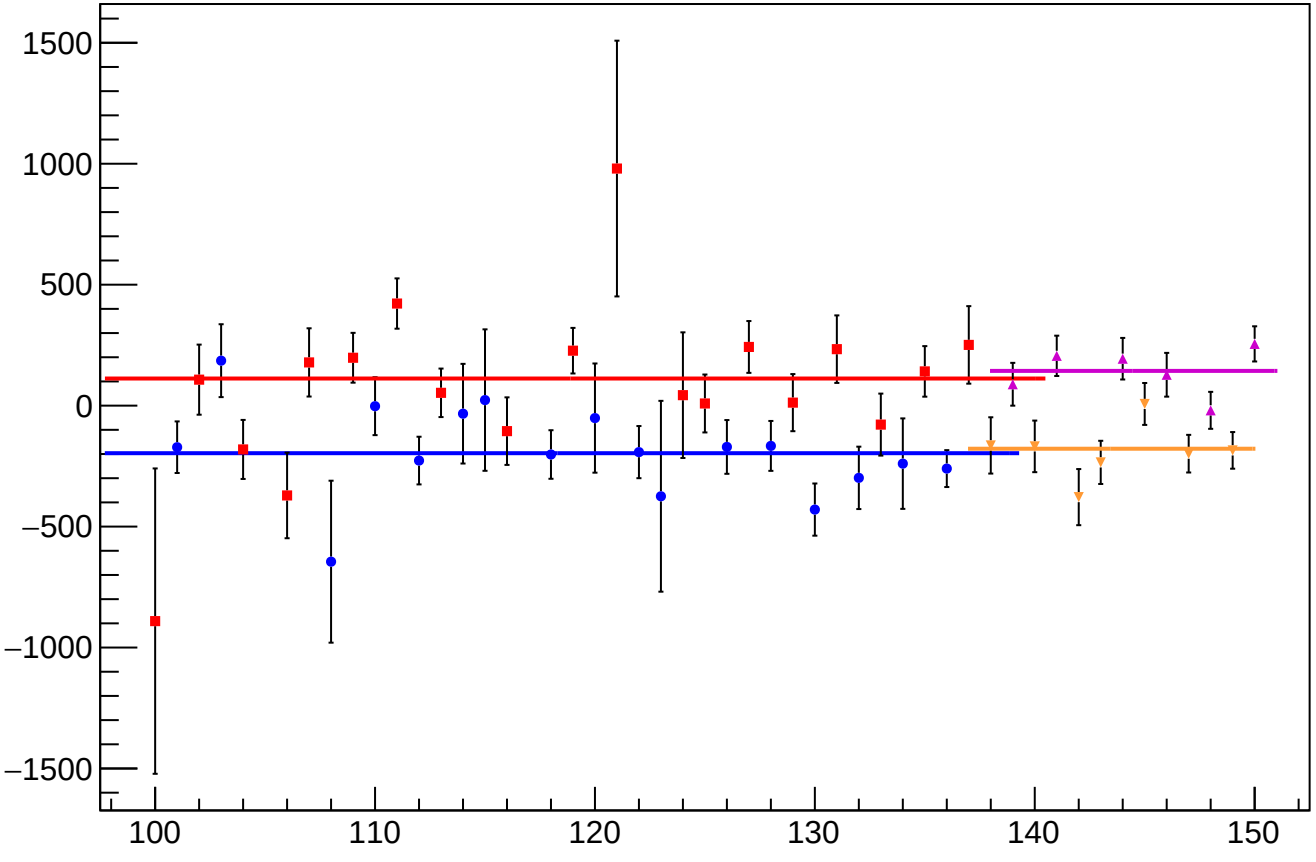
Left In: 329.735+/-0.106 χ^2/NDF:264622.3/5

+ sign 327.370+/-0.072 χ^2/NDF: 2355482.5/23

All: 322.489+/-0.050 χ^2/NDF: 5381045.1/48

- sign 317.917+/-0.069 χ^2/NDF: 3016578.2/24

dit_asym_sam8_mean vs Slug



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -178.124+/-34.617 χ^2/NDF:8.0/6

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

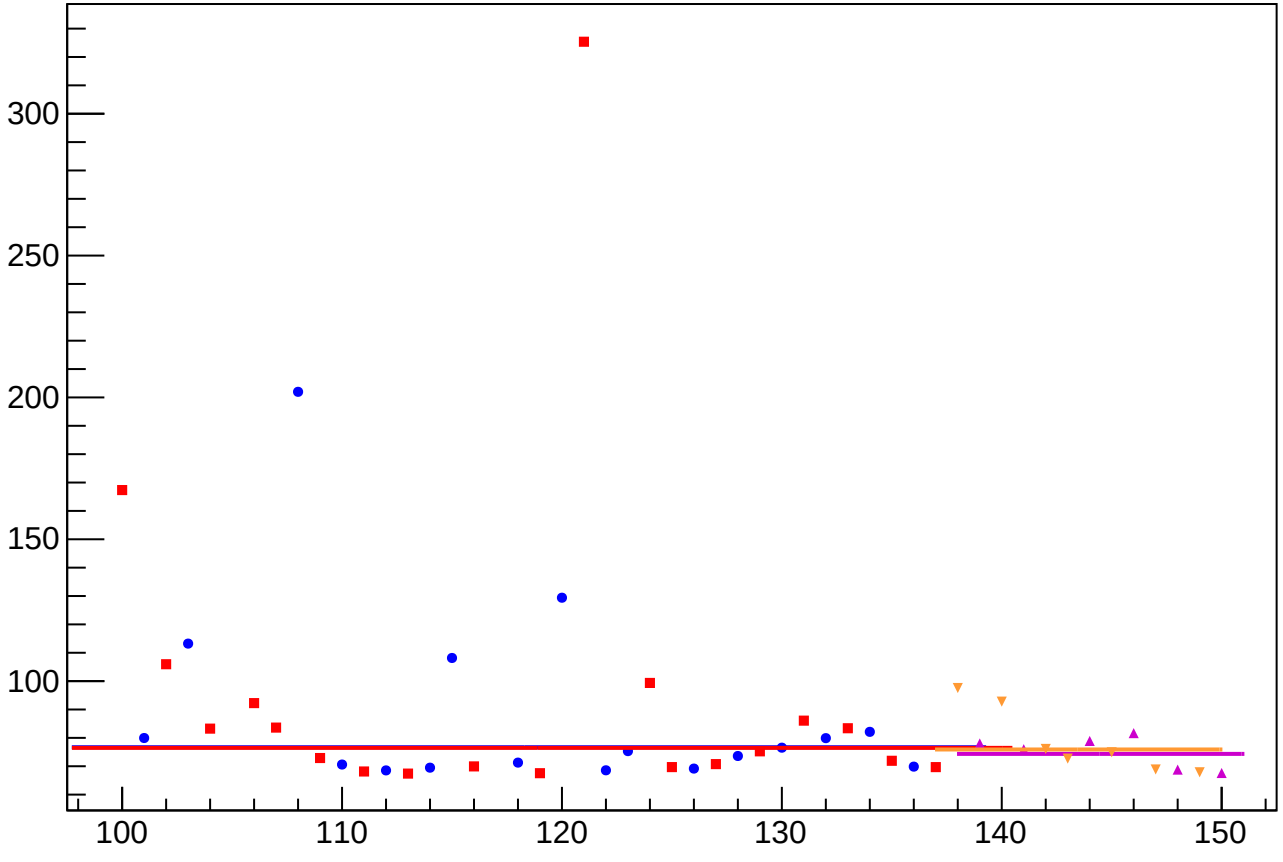
Left In: 143.596+/-33.527 χ^2/NDF:8.2/5

+ sign -188.555+/-22.842 χ^2/NDF: 27.2/23

All: -26.836+/-15.919 χ^2/NDF: 172.8/48

- sign 125.906+/-22.199 χ^2/NDF: 48.1/24

dit_asym_sam8_rms vs Slug



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 75.907+/-0.024 χ^2/NDF:161195.6/6

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

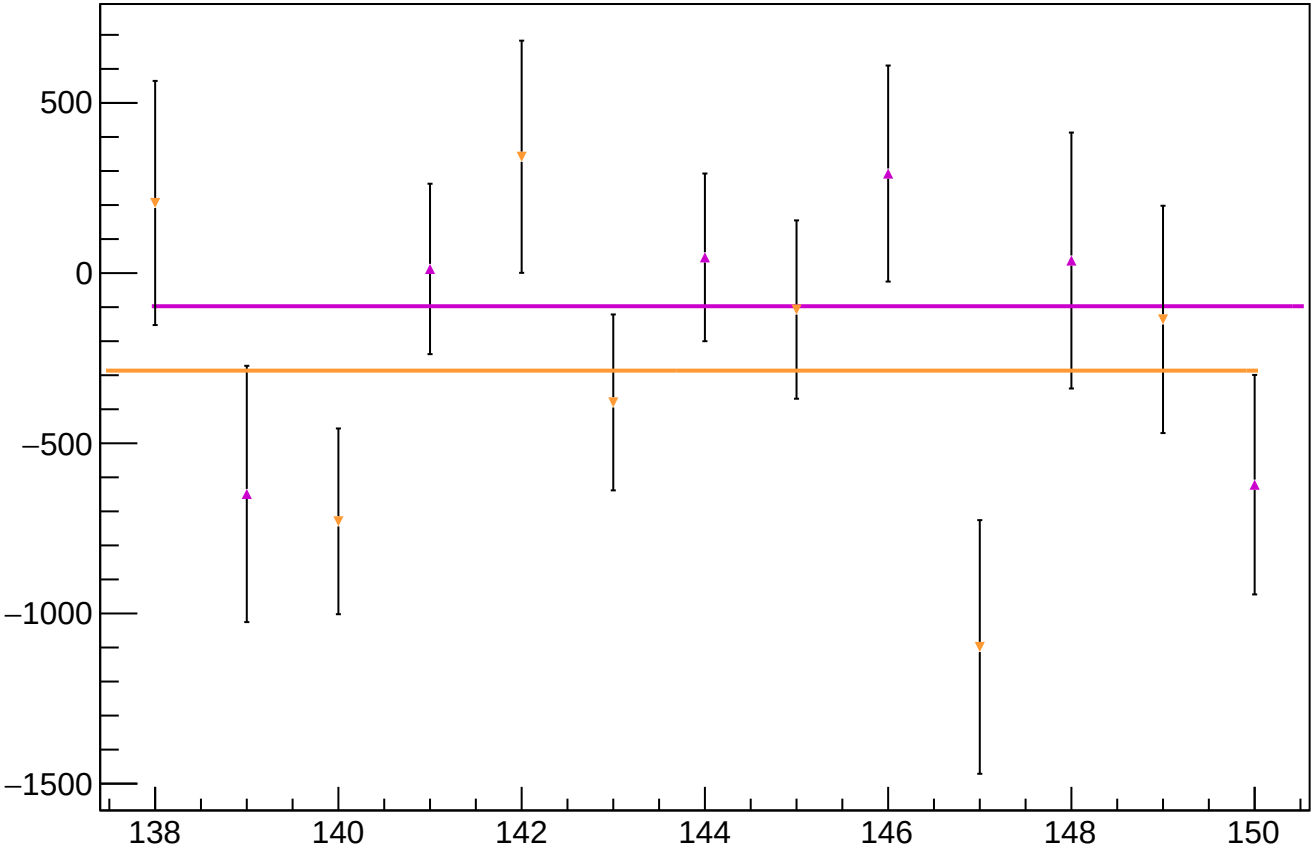
Left In: 74.352+/-0.024 χ^2/NDF:50639.3/5

+ sign 76.350+/-0.016 χ^2/NDF: 762124.9/23

All: 75.937+/-0.011 χ^2/NDF: 1517917.6/48

- sign 75.547+/-0.016 χ^2/NDF: 754519.8/24

asym_sam8_correction_mean vs Slug



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

Left Out: -286.480+/-115.077 χ^2/NDF:13.5/6

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

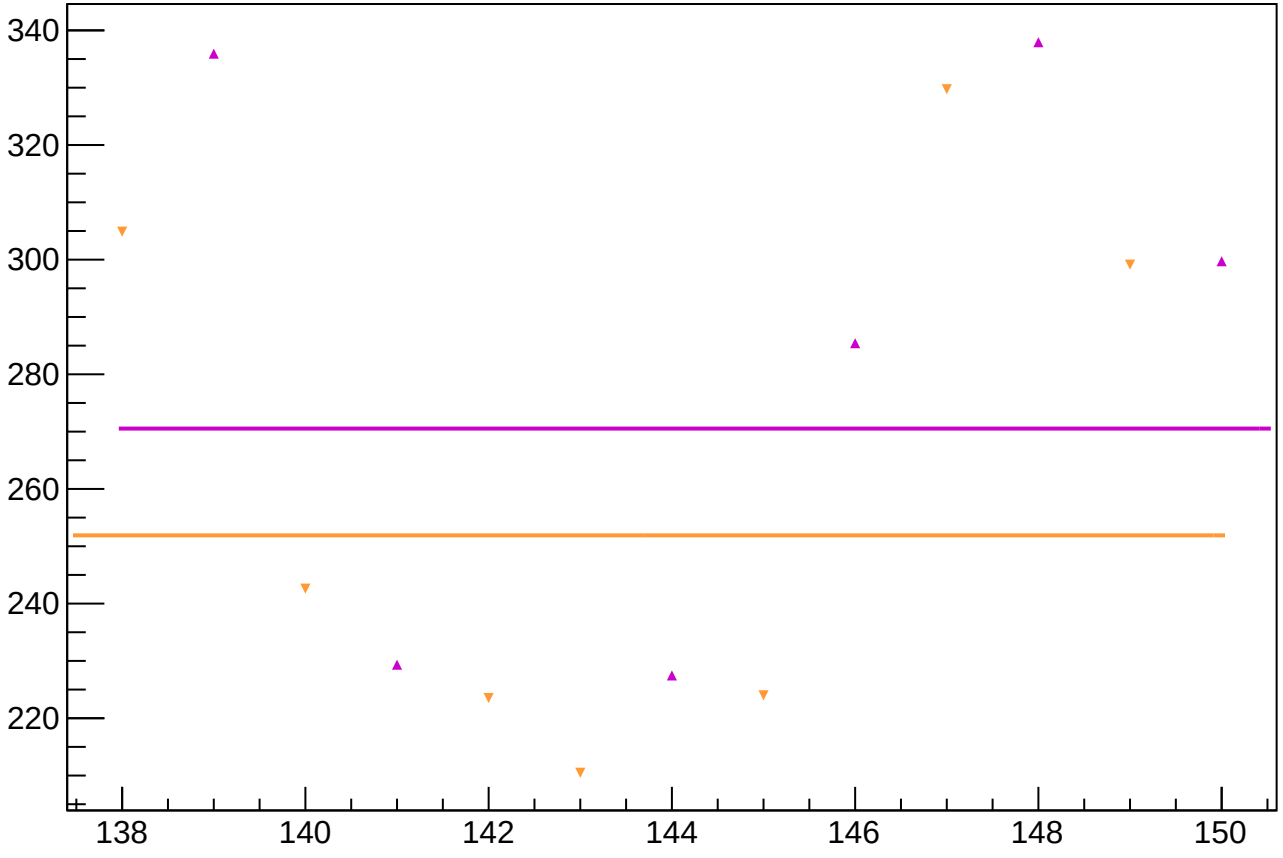
Left In: -97.296+/-122.986 χ^2/NDF:7.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -198.166+/-84.029 χ^2/NDF: 21.7/12

- 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: 251.905+/-0.081 χ^2/NDF:261110.6/6

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

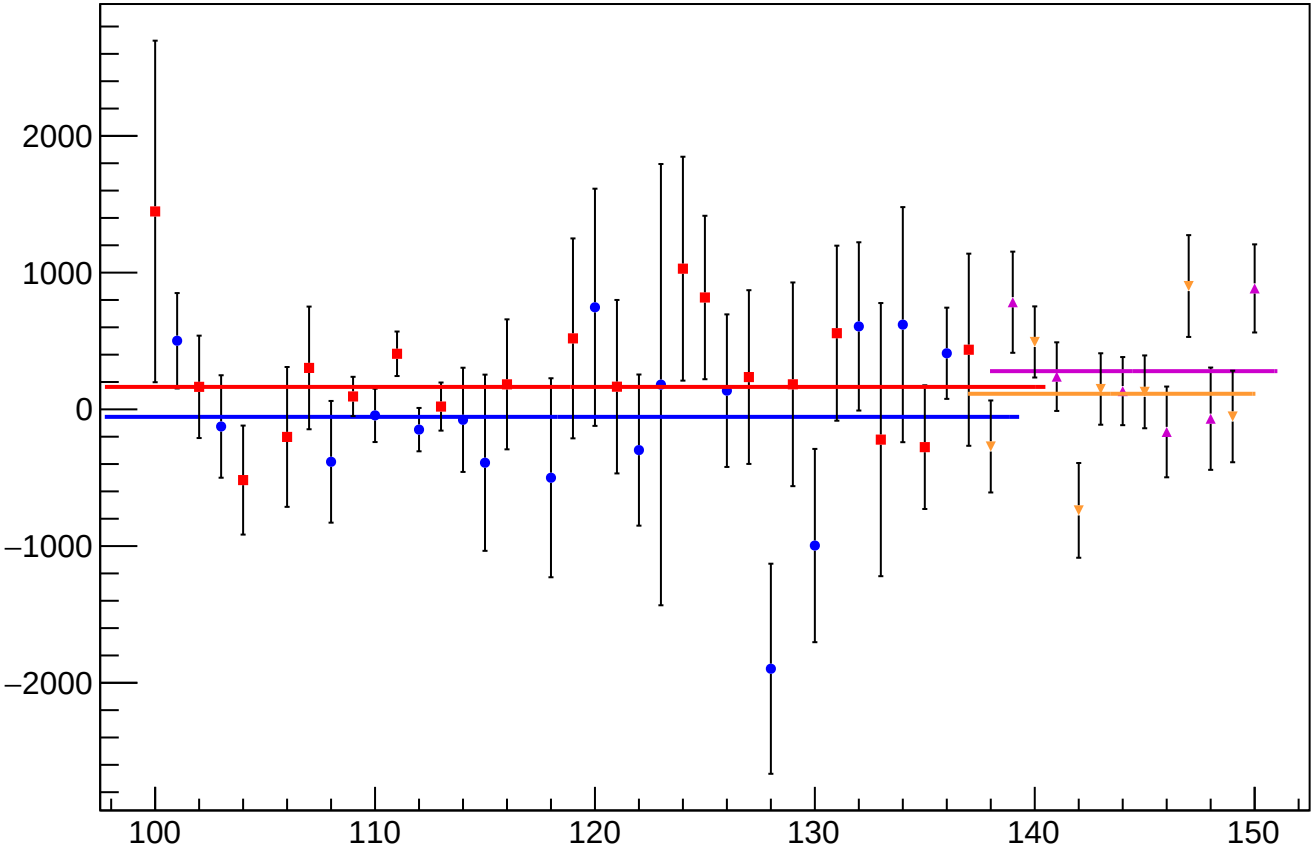
Left In: 270.531+/-0.087 χ^2/NDF:260722.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 260.600+/-0.059 χ^2/NDF: 546291.6/12

- 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: 113.951+/-114.089 χ^2/NDF:14.2/6

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

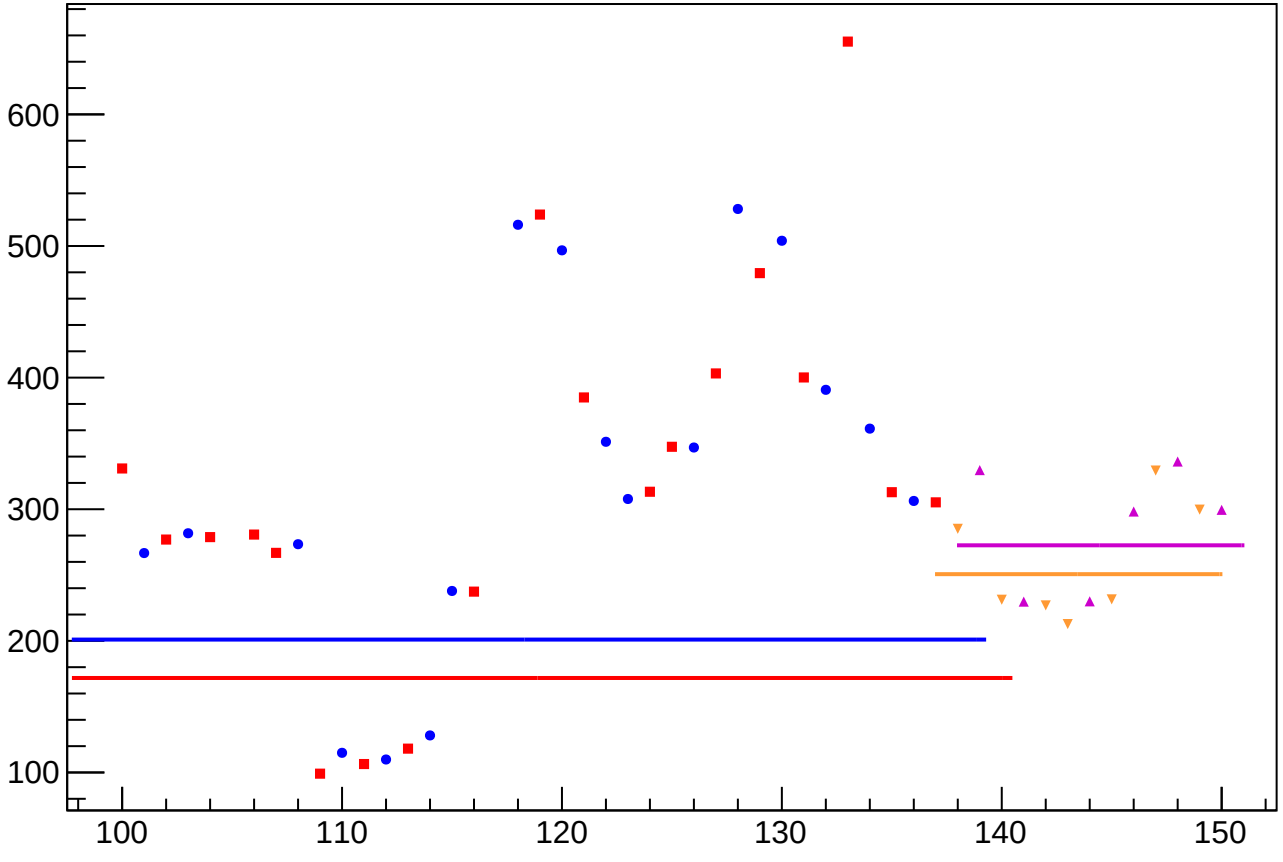
Left In: 279.390+/-123.888 χ^2/NDF:8.4/5

+ sign 10.164+/-70.832 χ^2/NDF: 32.1/23

All: 110.674+/-48.026 χ^2/NDF: 56.8/48

- sign 196.197+/-65.338 χ^2/NDF: 20.9/24

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 250.675+/-0.081 χ^2/NDF:226326.8/6

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

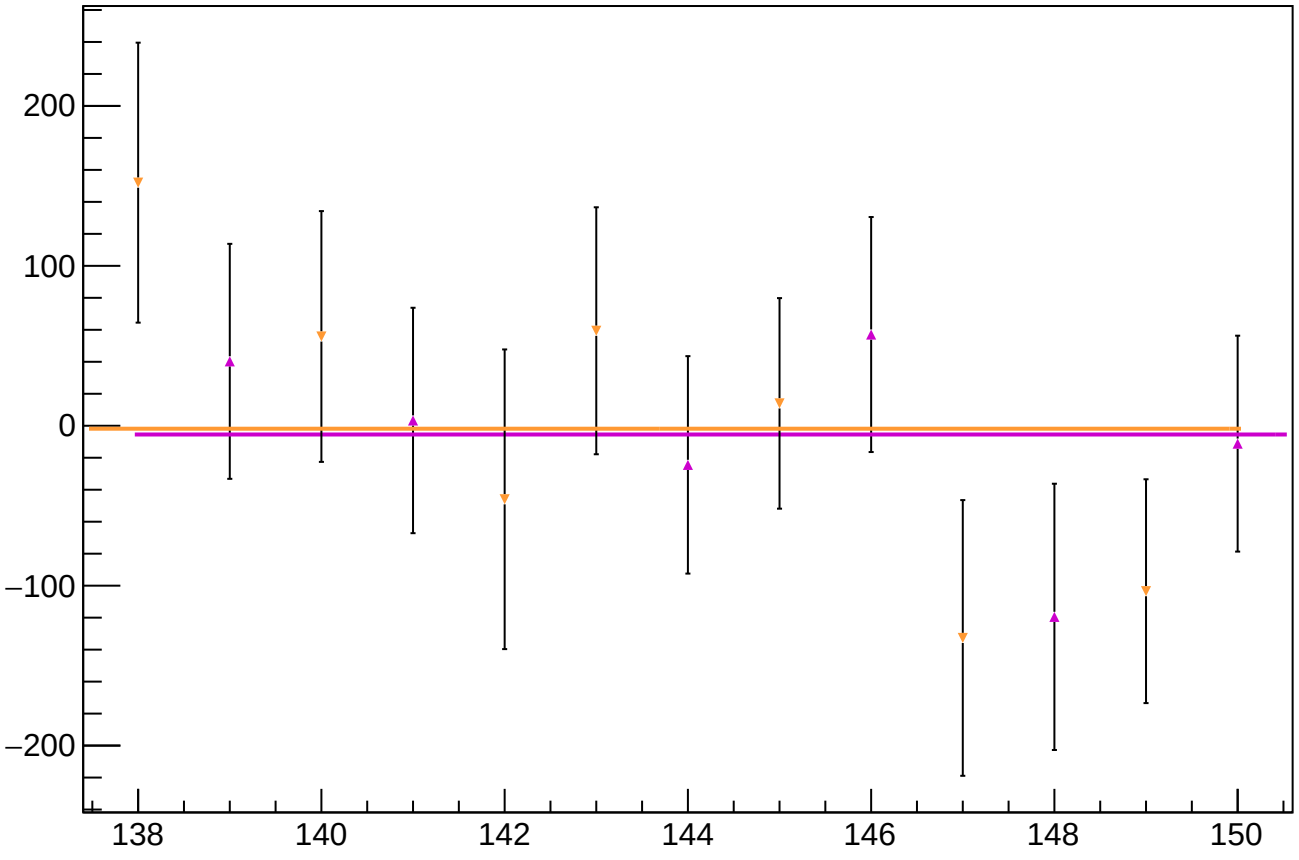
Left In: 272.592+/-0.088 χ^2/NDF:248096.0/5

+ sign 220.129+/-0.050 χ^2/NDF: 3895766.8/23

All: 209.162+/-0.034 χ^2/NDF: 9280939.3/48

- sign 199.831+/-0.046 χ^2/NDF: 5296428.9/24

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: -1.845+/-29.564 χ^2/NDF:9.0/6

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

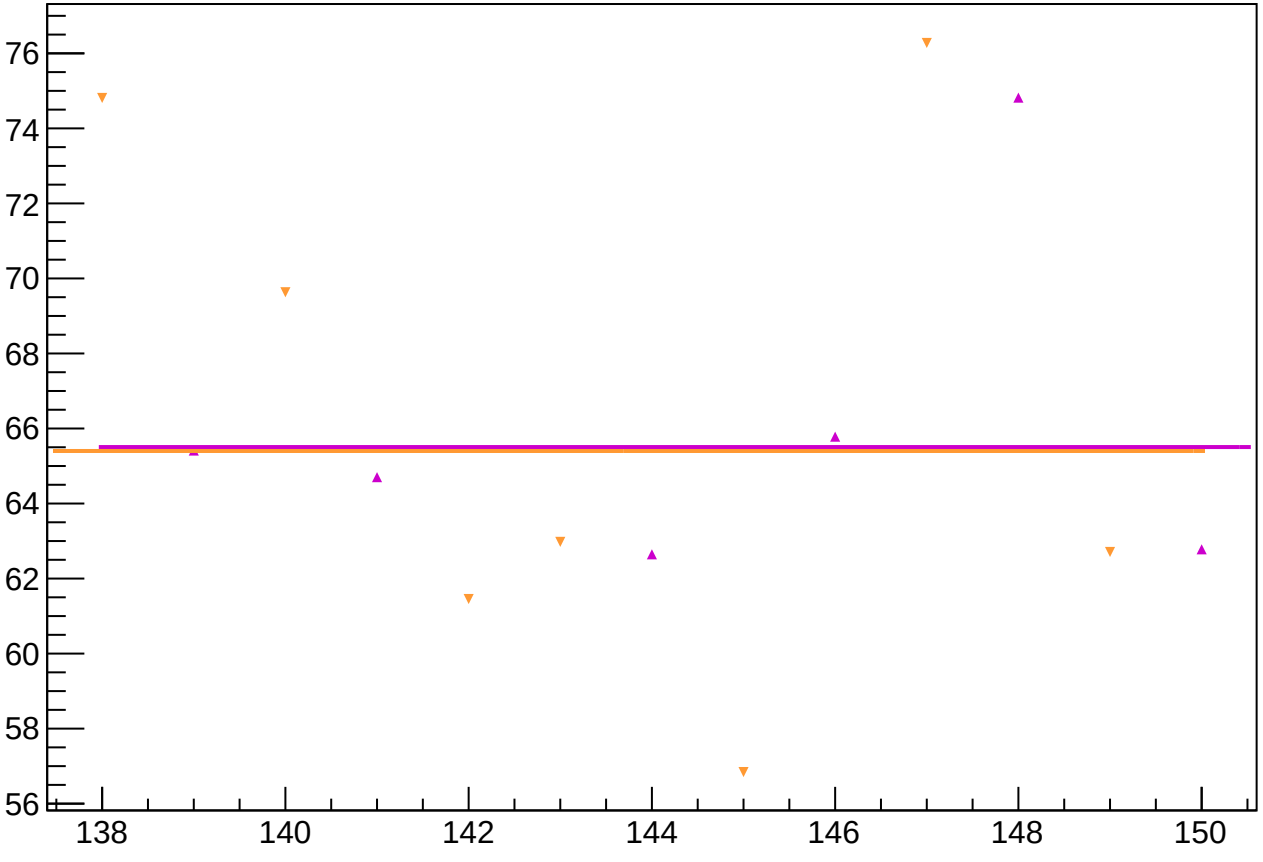
Left In: -5.467+/-29.466 χ^2/NDF:3.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.662+/-20.870 χ^2/NDF: 12.0/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.401+/-0.021 χ^2/NDF:103042.2/6

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

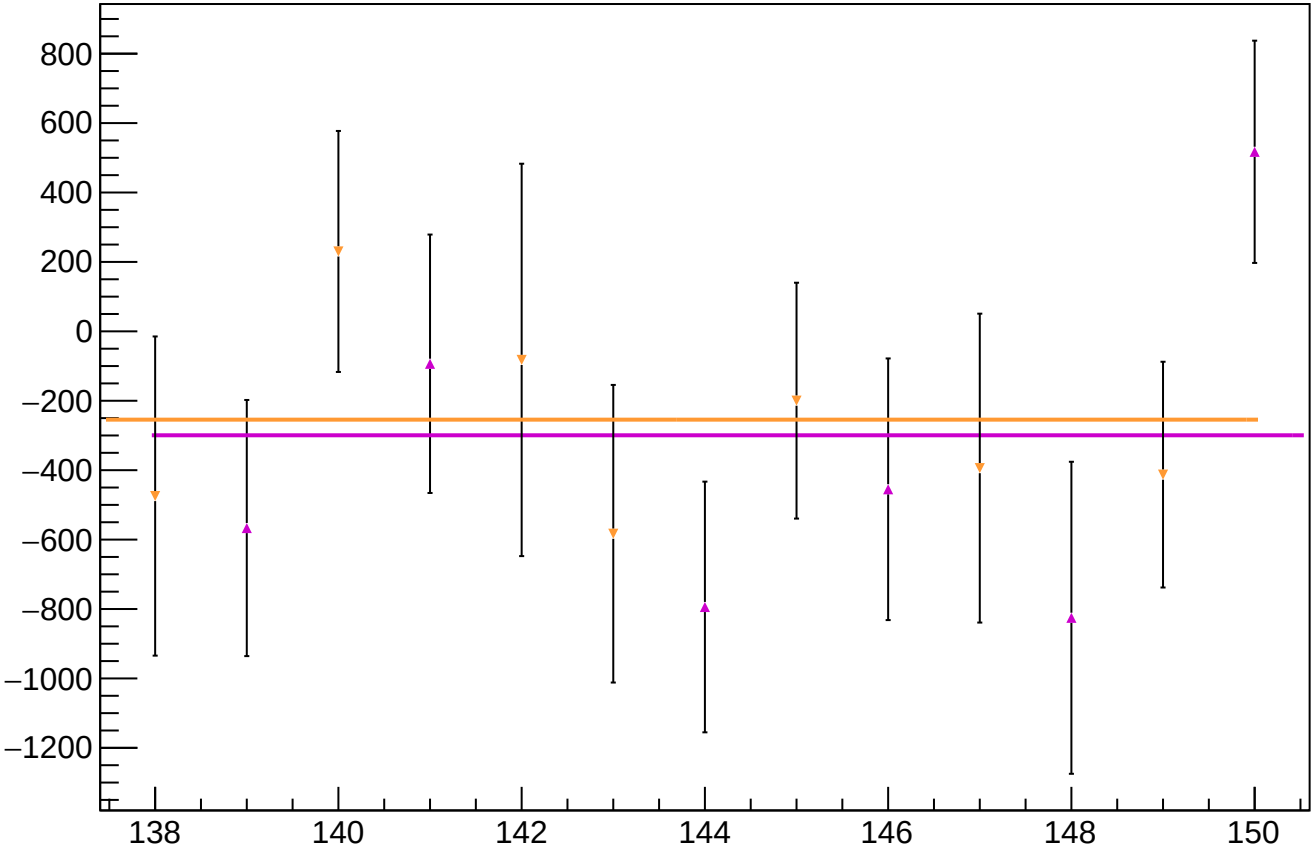
Left In: 65.505+/-0.021 χ^2/NDF:32123.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 65.453+/-0.015 χ^2/NDF: 135178.2/12

- 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: -254.406+/-149.462 χ^2/NDF:3.2/6

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

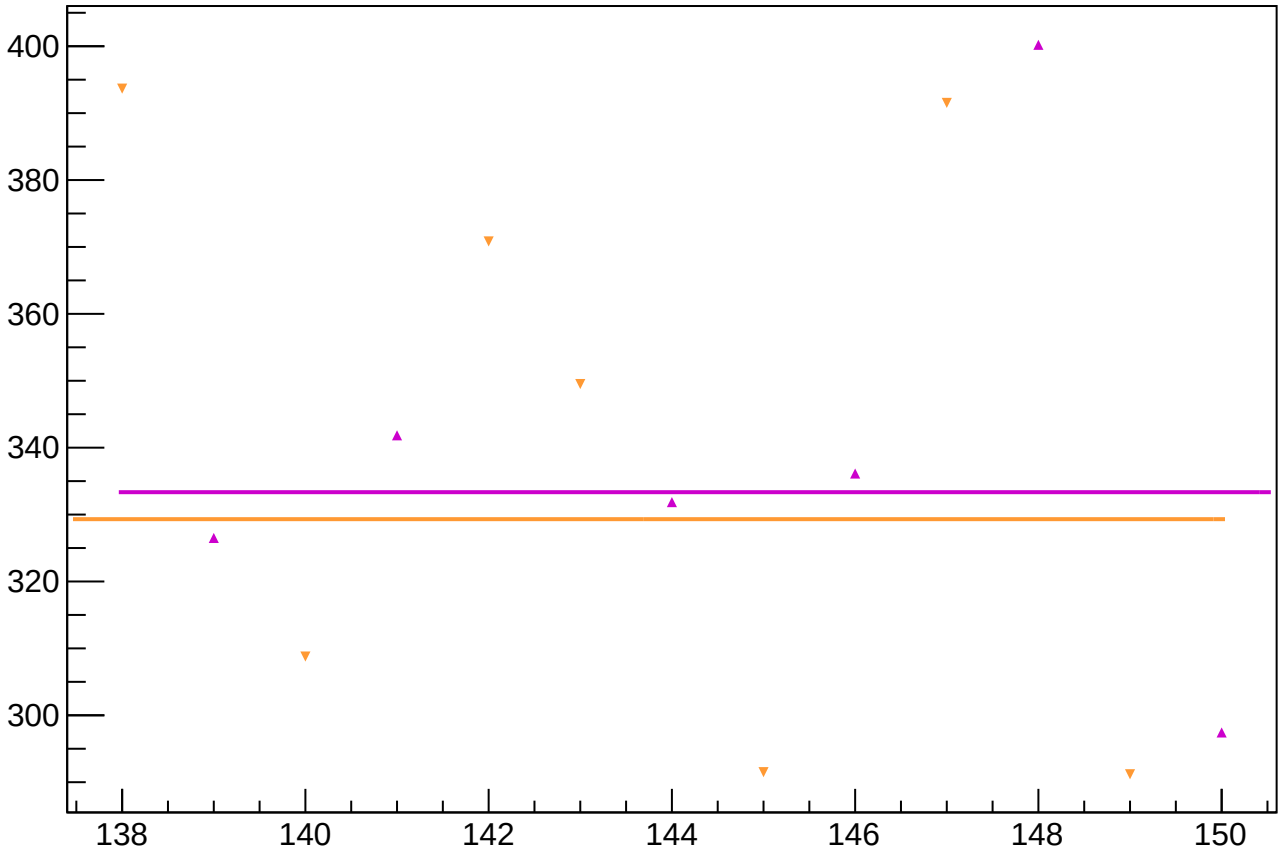
Left In: -299.454+/-150.804 χ^2/NDF:10.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -276.729+/-106.157 χ^2/NDF: 14.0/12

- 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: 329.314+/-0.106 χ^2/NDF:152753.4/6

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

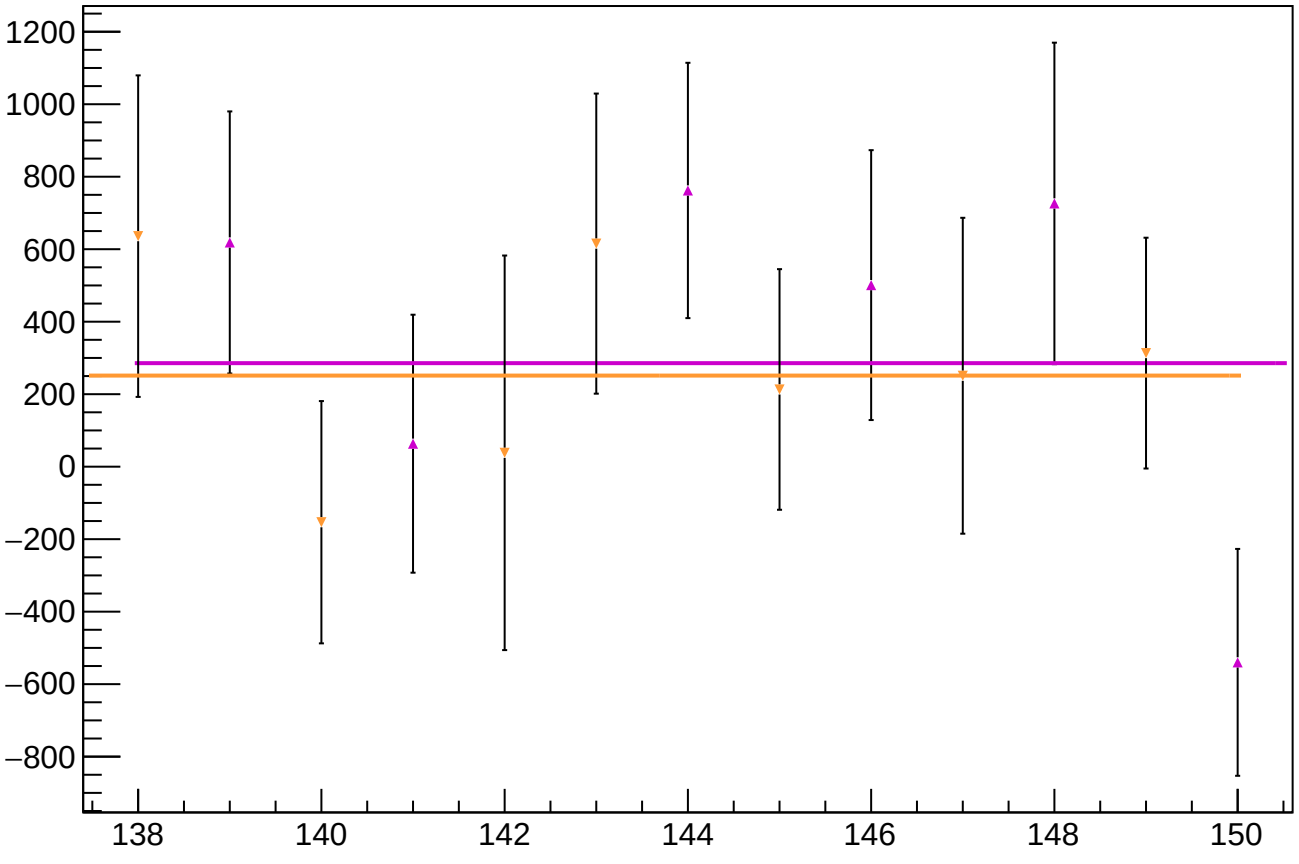
Left In: 333.347+/-0.107 χ^2/NDF:71296.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 331.312+/-0.075 χ^2/NDF: 224771.1/12

- 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: 251.339+/-145.170 χ^2/NDF:3.2/6

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

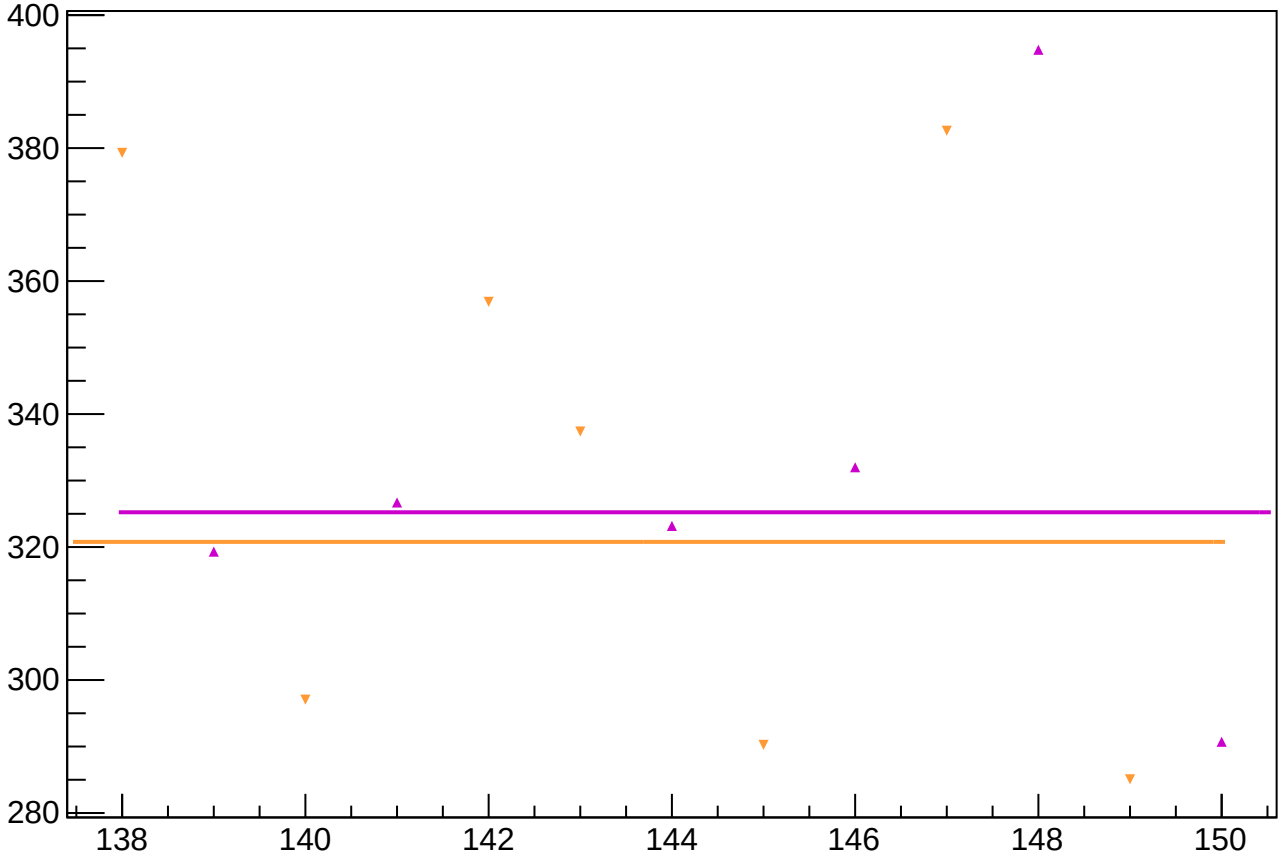
Left In: 285.627+/-147.257 χ^2/NDF:11.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 268.239+/-103.380 χ^2/NDF: 14.6/12

- 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: 320.777+/-0.103 χ^2/NDF:139233.1/6

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

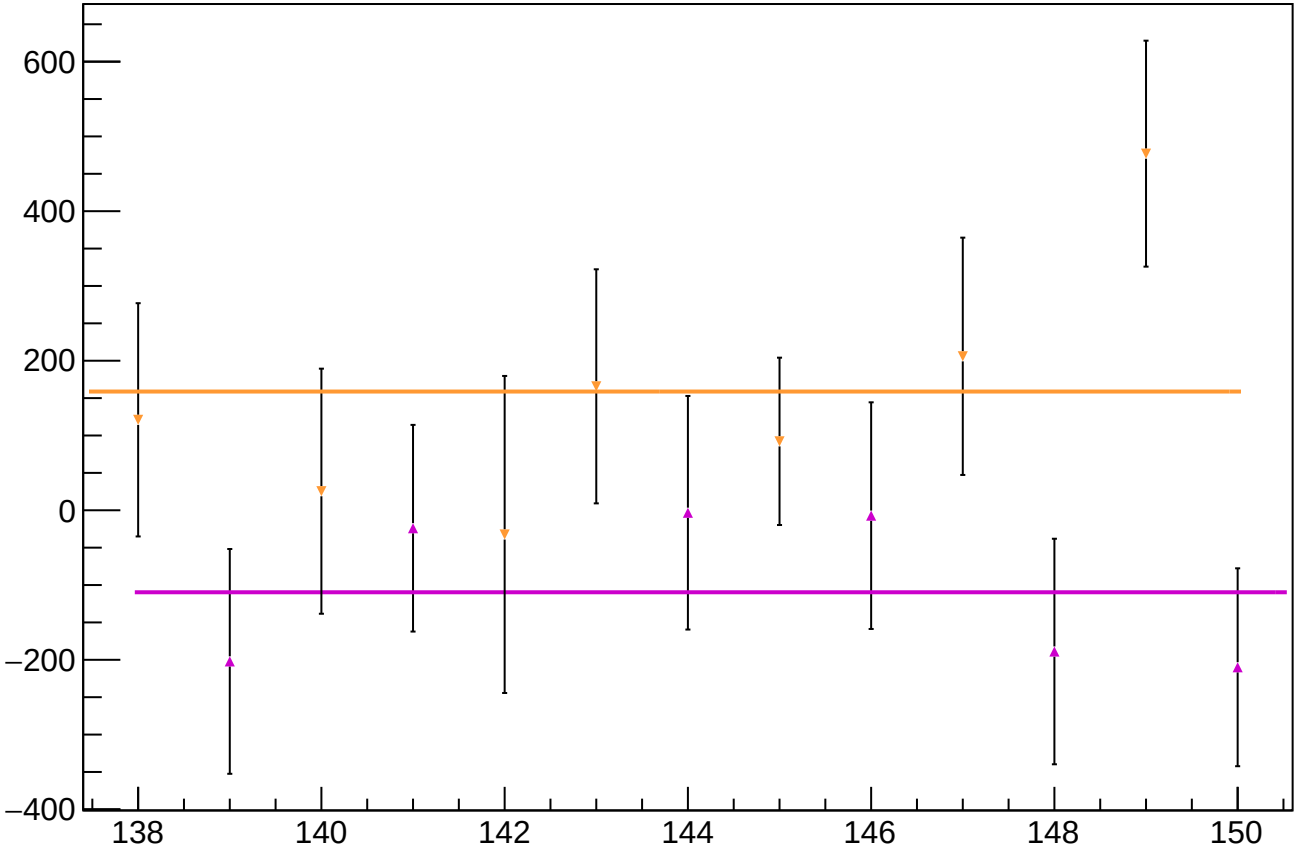
Left In: 325.230+/-0.104 χ^2/NDF:74826.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 322.971+/-0.073 χ^2/NDF: 214987.3/12

- 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: 158.793+/-57.283 χ^2/NDF:6.4/6

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

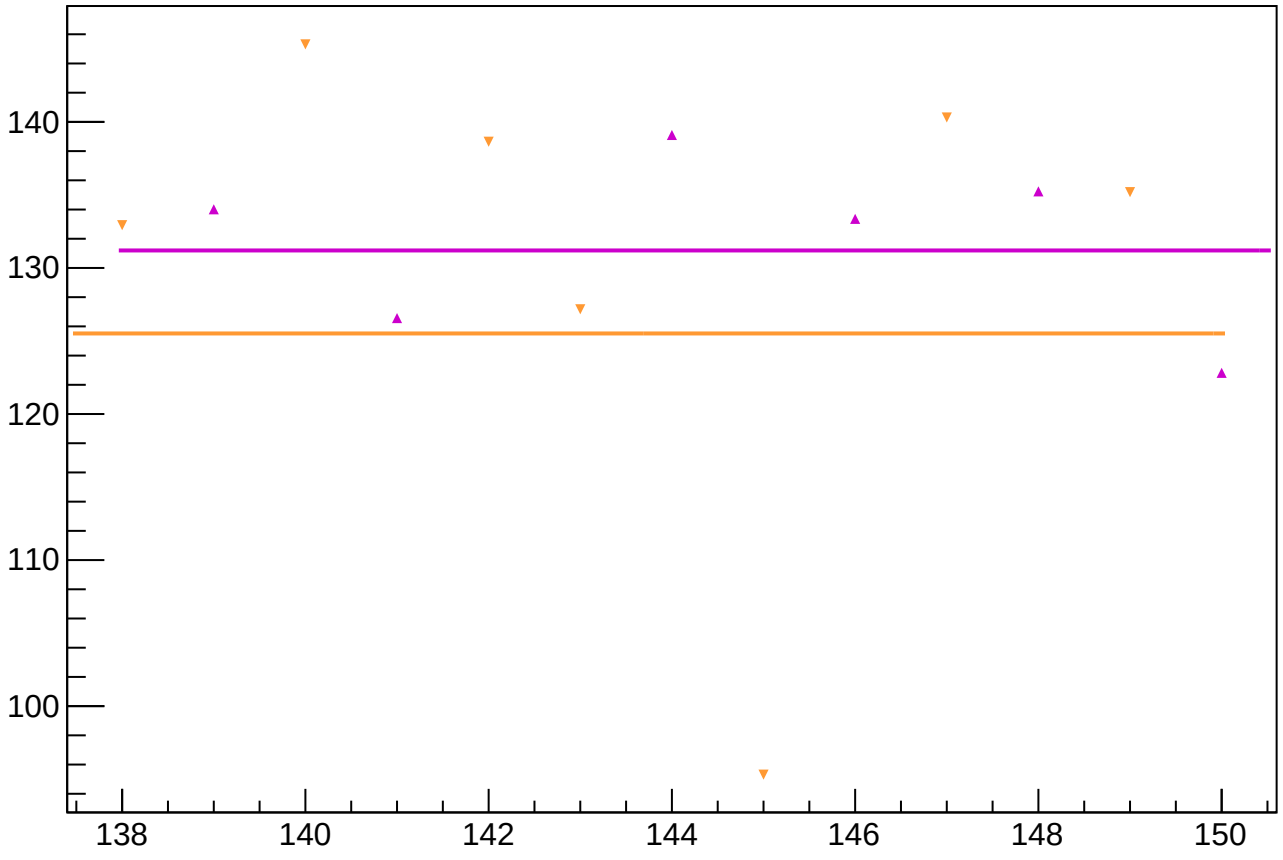
Left In: -109.666+/-59.531 χ^2/NDF:2.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 29.728+/-41.277 χ^2/NDF: 19.5/12

- 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: 125.516+/-0.041 χ^2/NDF:212872.1/6

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

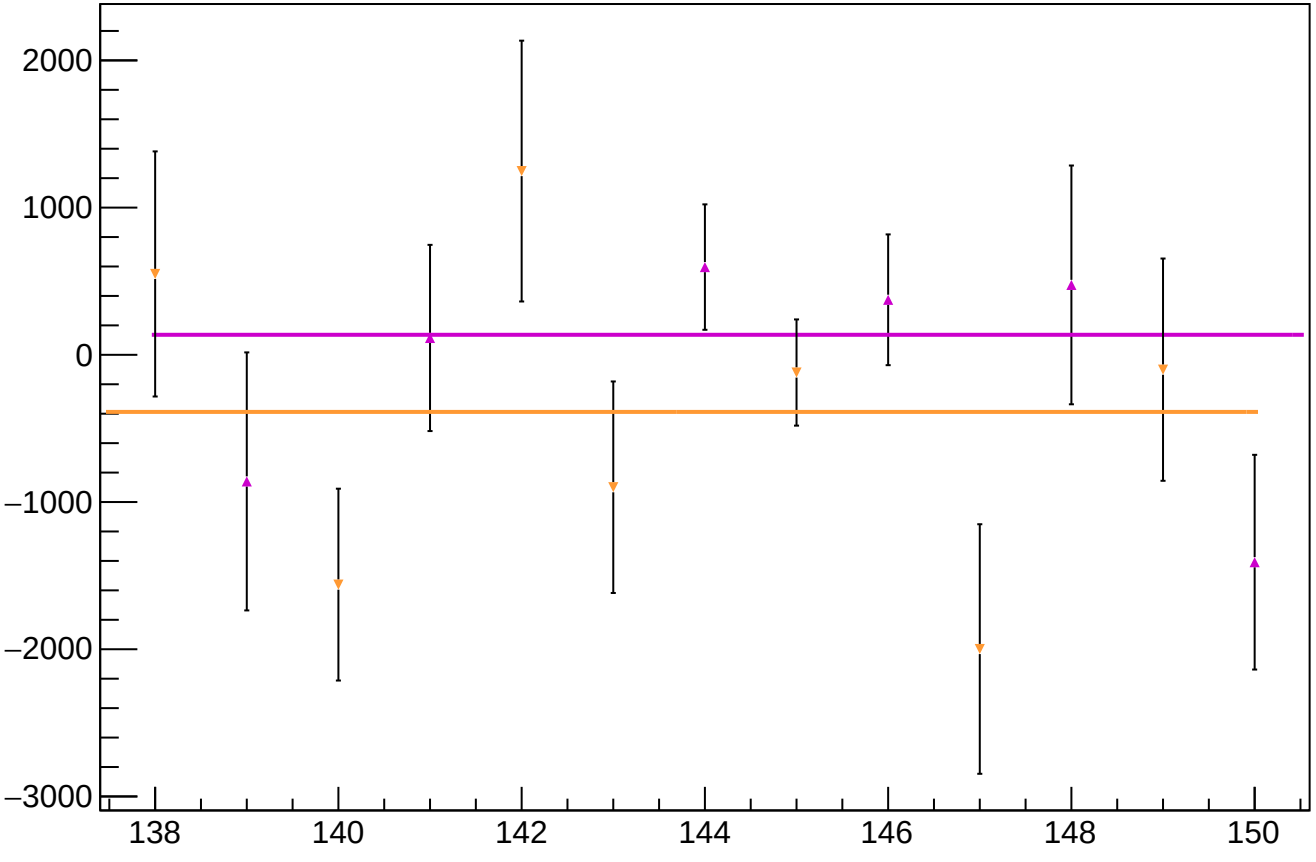
Left In: 131.199+/-0.042 χ^2/NDF:17935.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 128.248+/-0.029 χ^2/NDF: 240271.2/12

- 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: -387.791+/-236.751 χ^2/NDF:12.7/6

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

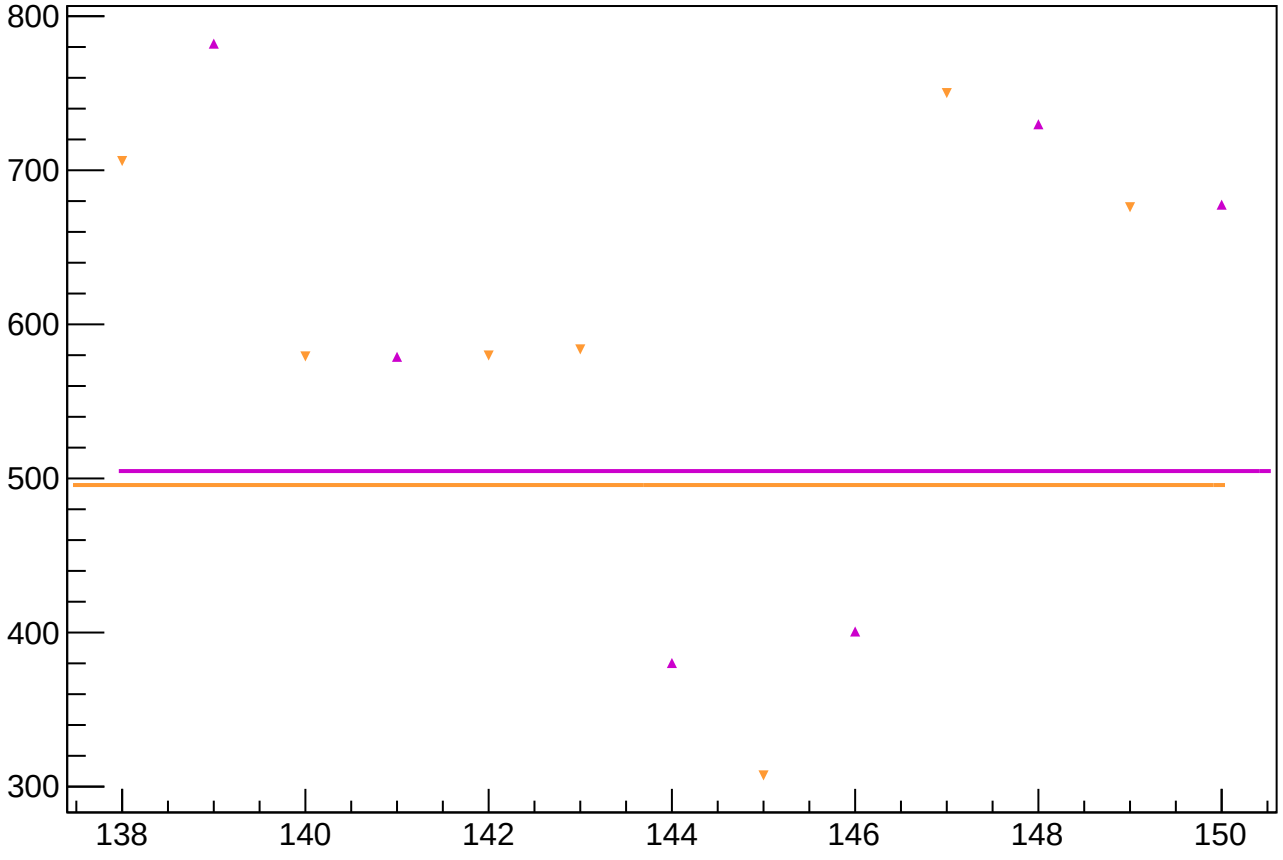
Left In: 136.033+/-237.143 χ^2/NDF:7.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -126.313+/-167.546 χ^2/NDF: 22.6/12

- 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: 495.724+/-0.167 χ^2/NDF:1048332.7/6

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

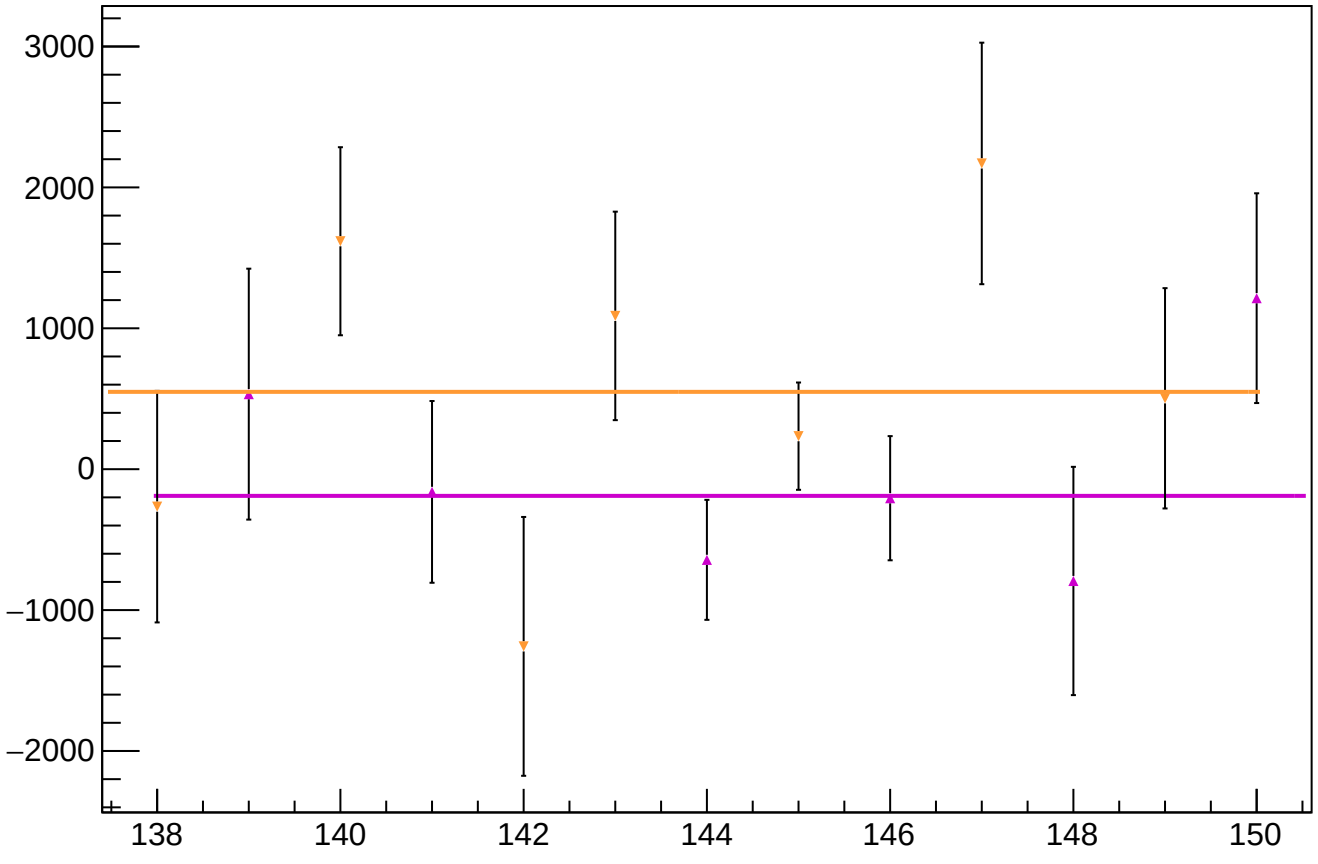
Left In: 504.791+/-0.168 χ^2/NDF:775182.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 500.250+/-0.118 χ^2/NDF: 1824979.4/12

- 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: 548.917+/-245.207 χ^2/NDF:12.2/6

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

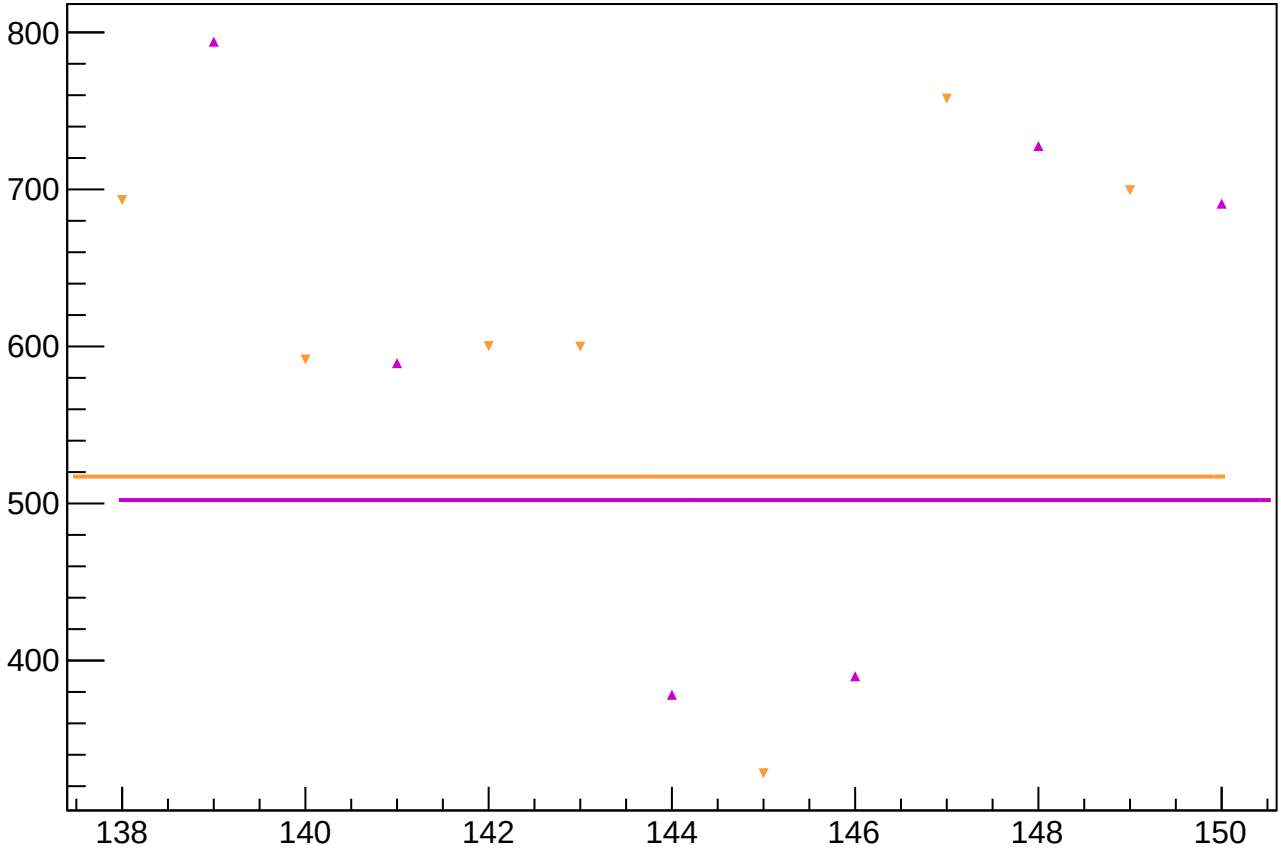
Left In: -189.330+/-237.964 χ^2/NDF:5.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 168.728+/-170.769 χ^2/NDF: 22.8/12

- 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: 517.161+/-0.173 χ^2/NDF:917212.4/6

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

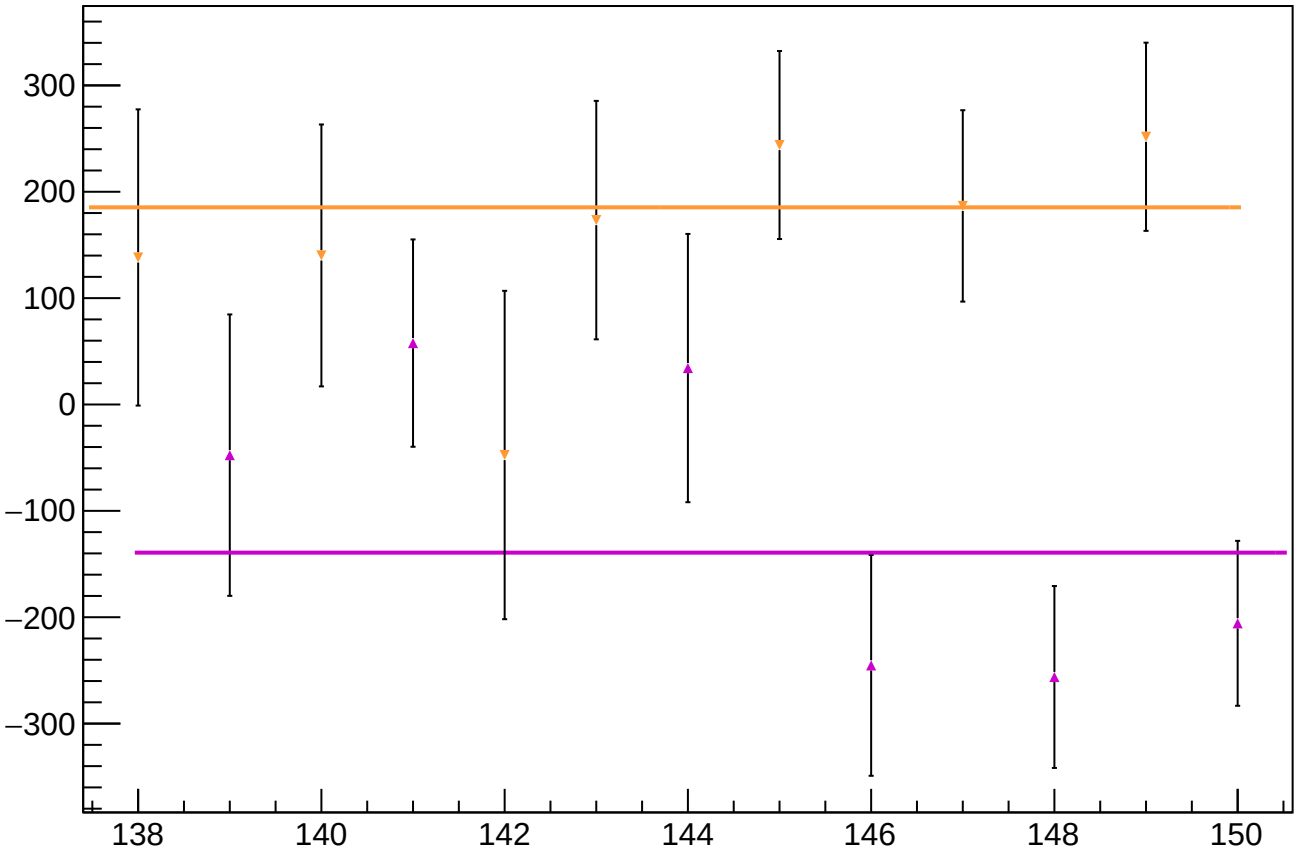
Left In: 502.204+/-0.168 χ^2/NDF:834234.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 509.459+/-0.121 χ^2/NDF: 1755278.5/12

- 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: 185.365+/-40.211 χ^2/NDF:3.5/6

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

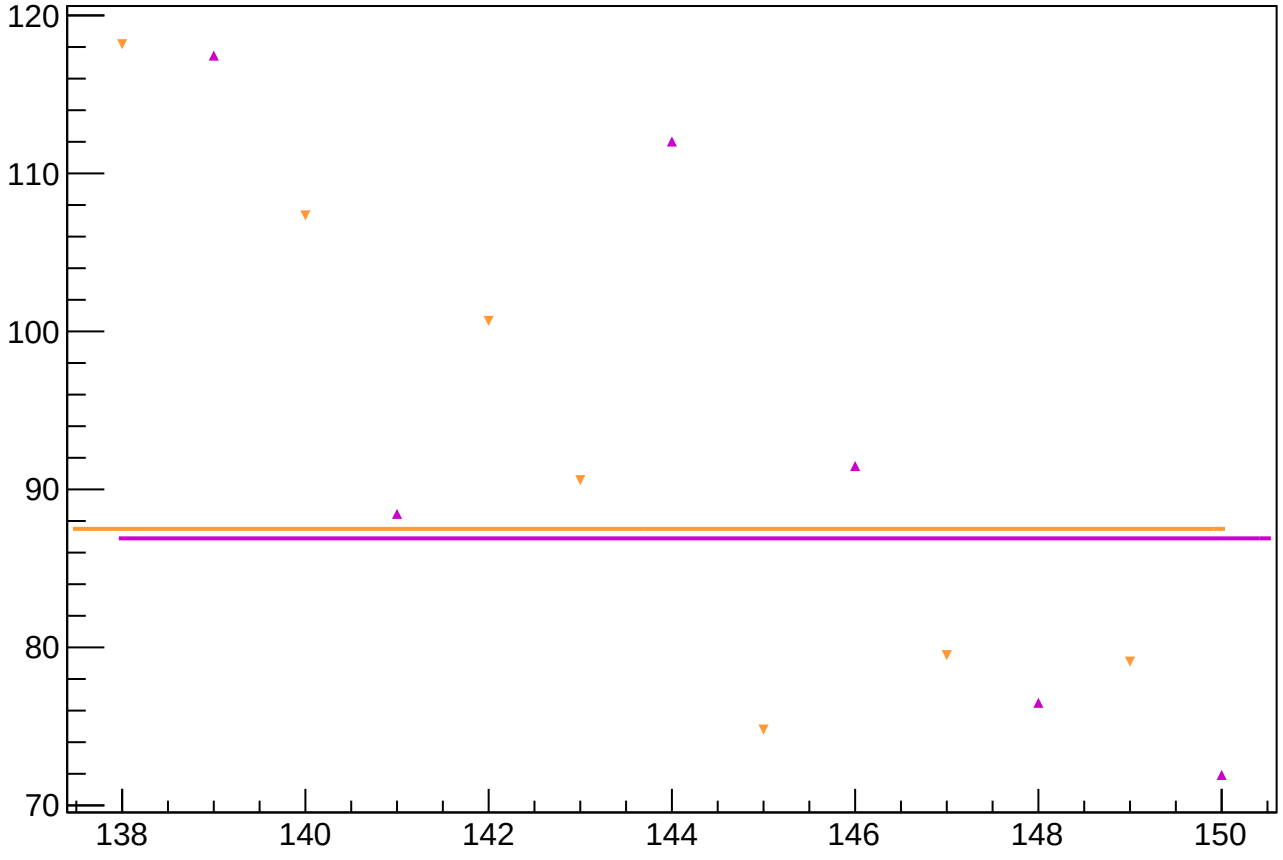
Left In: -139.274+/-40.122 χ^2/NDF:10.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 22.686+/-28.402 χ^2/NDF: 46.3/12

- 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: 87.503+/-0.028 χ^2/NDF:240193.4/6

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

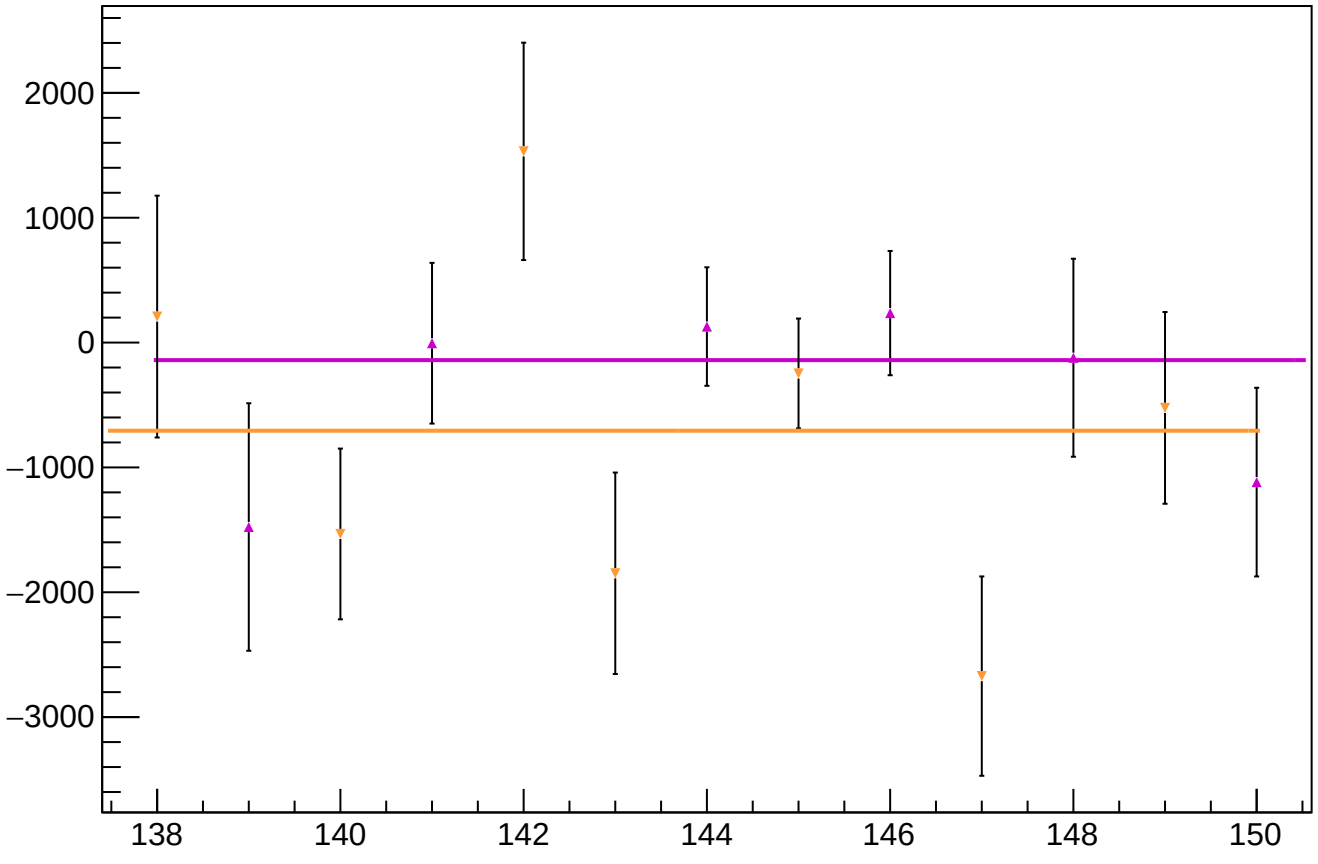
Left In: 86.902+/-0.028 χ^2/NDF:294684.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 87.202+/-0.020 χ^2/NDF: 535101.6/12

- 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: -706.025+/-262.700 χ^2/NDF:18.2/6

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

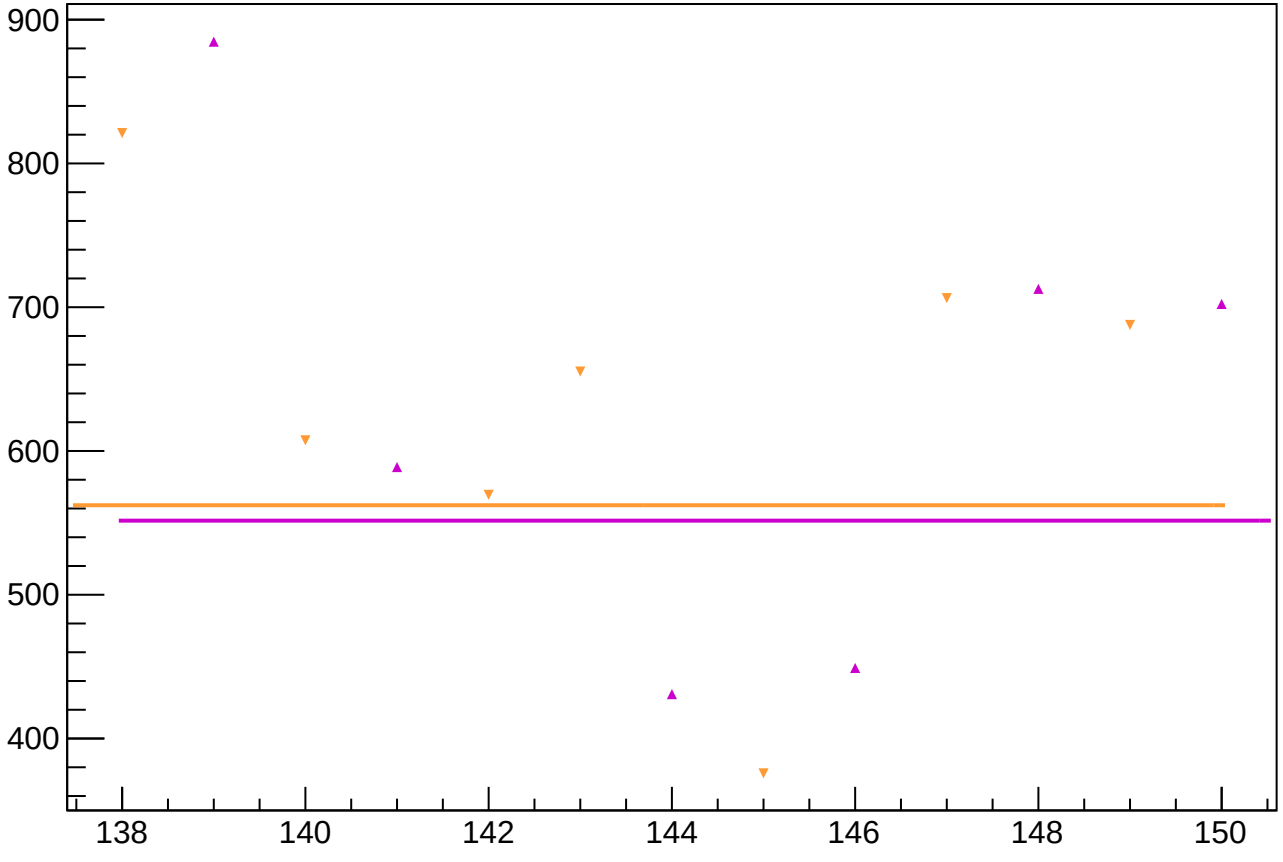
Left In: -140.595+/-256.084 χ^2/NDF:4.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -416.101+/-183.373 χ^2/NDF: 25.0/12

- 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: 562.252+/-0.186 χ^2/NDF:656093.5/6

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

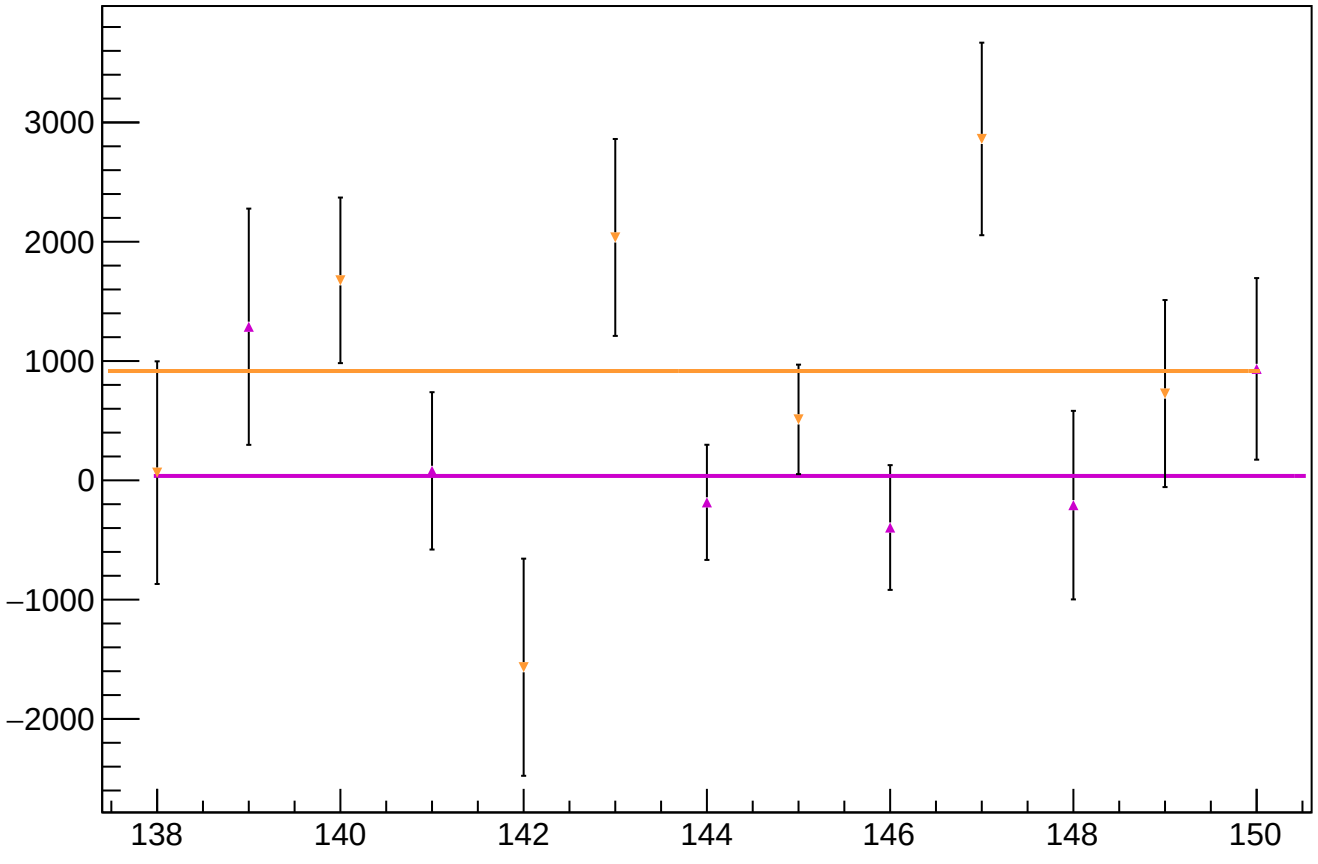
Left In: 551.549+/-0.181 χ^2/NDF:608890.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 556.764+/-0.130 χ^2/NDF: 1266686.2/12

- 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: 916.396+/-269.071 χ^2/NDF:18.0/6

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

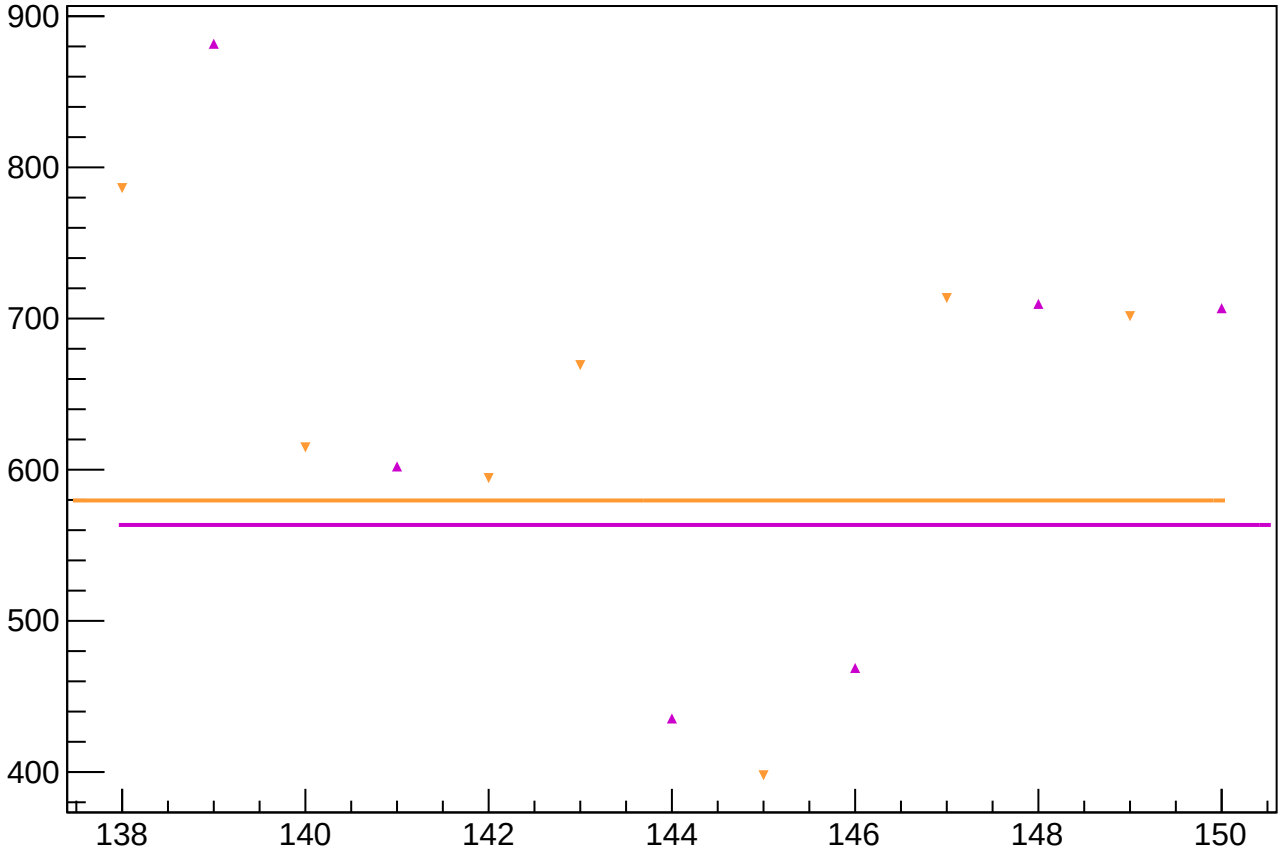
Left In: 36.857+/-261.745 χ^2/NDF:4.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 464.489+/-187.618 χ^2/NDF: 27.4/12

- 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: 579.644+/-0.190 χ^2/NDF:544649.4/6

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

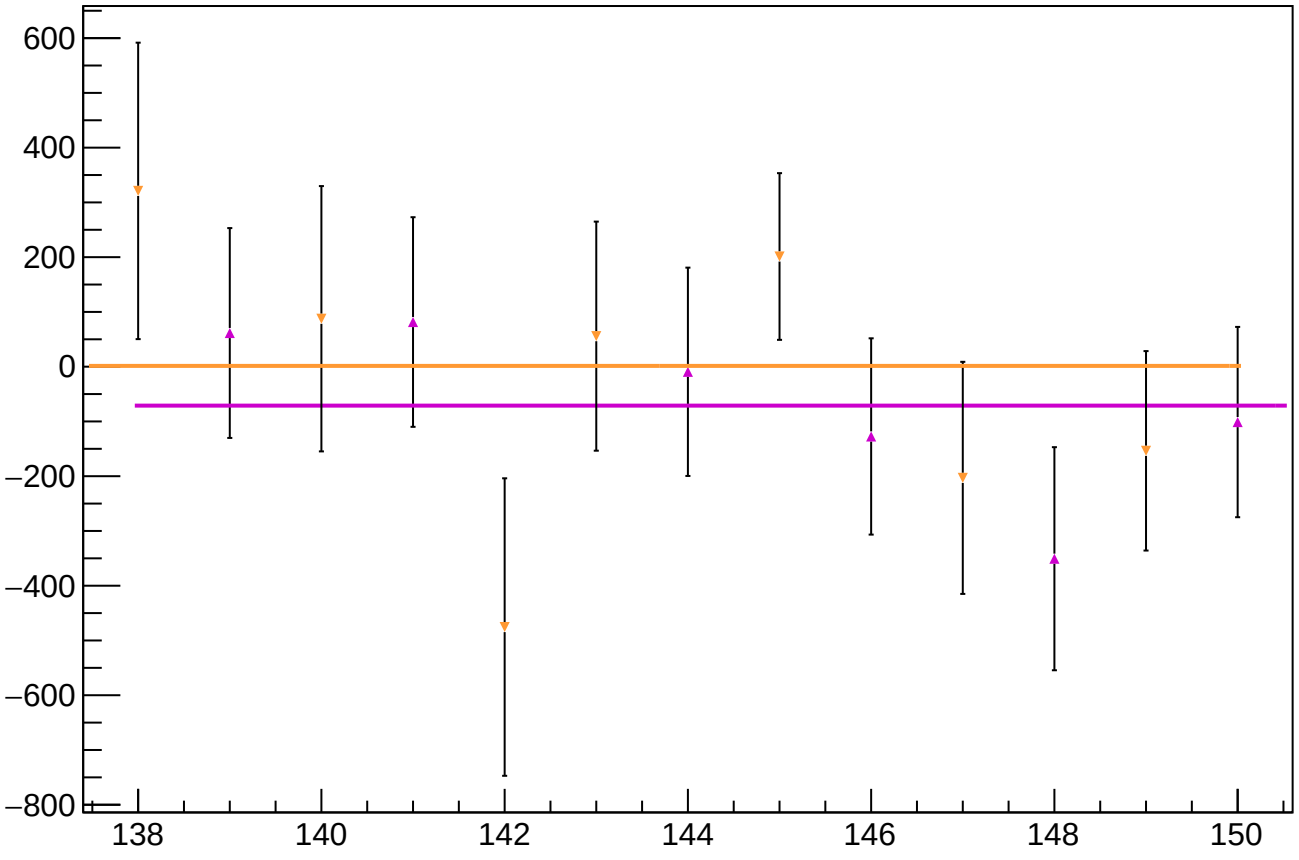
Left In: 563.450+/-0.185 χ^2/NDF:559290.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 571.324+/-0.133 χ^2/NDF: 1107662.7/12

- 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: 1.438+/-78.406 χ^2/NDF:8.0/6

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

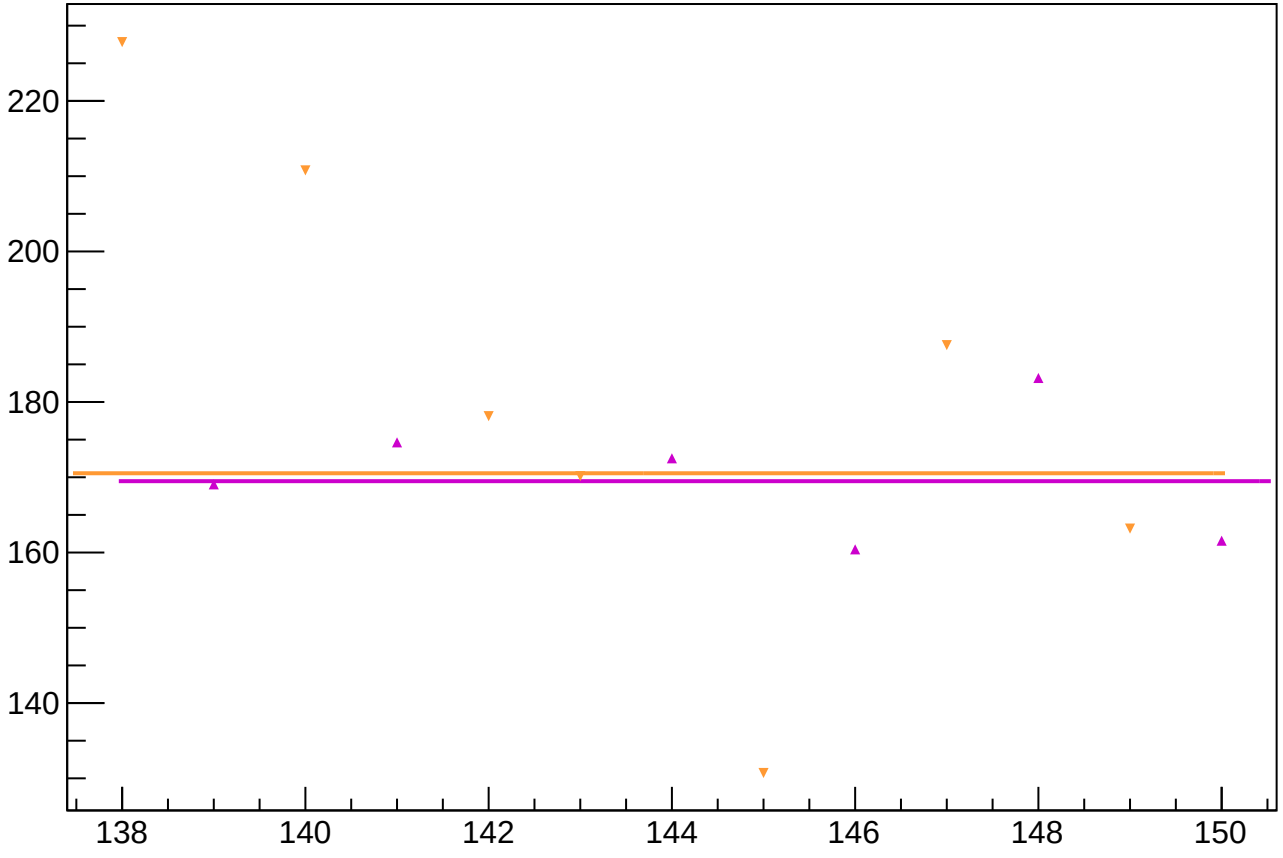
Left In: -71.110+/-76.582 χ^2/NDF:3.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.690+/-54.785 χ^2/NDF: 11.7/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 170.532+/-0.055 χ^2/NDF:299335.8/6

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

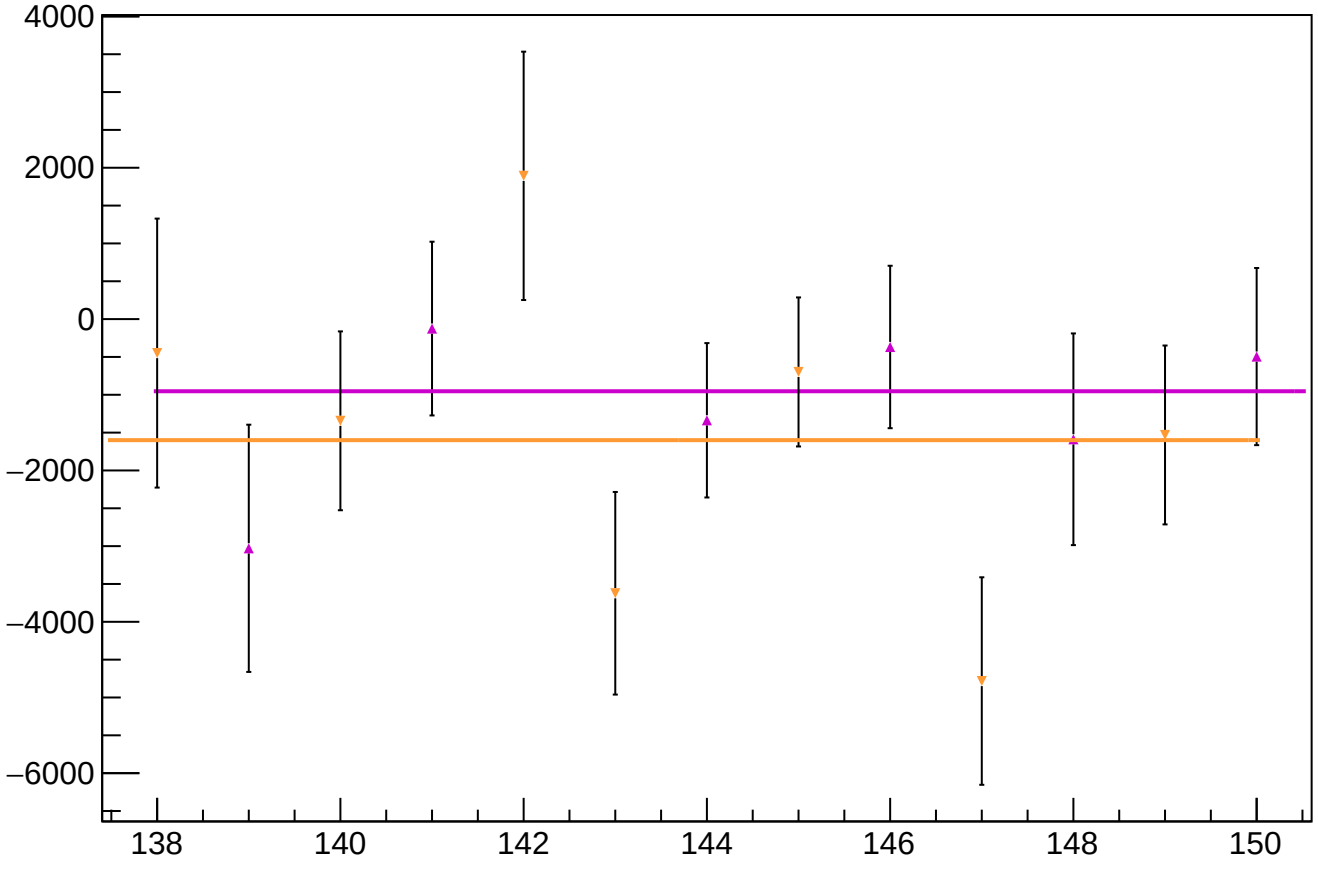
Left In: 169.480+/-0.054 χ^2/NDF:20282.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 169.994+/-0.039 χ^2/NDF: 319802.3/12

- 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: -1599.480+/-485.556 χ^2/NDF:13.5/6

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

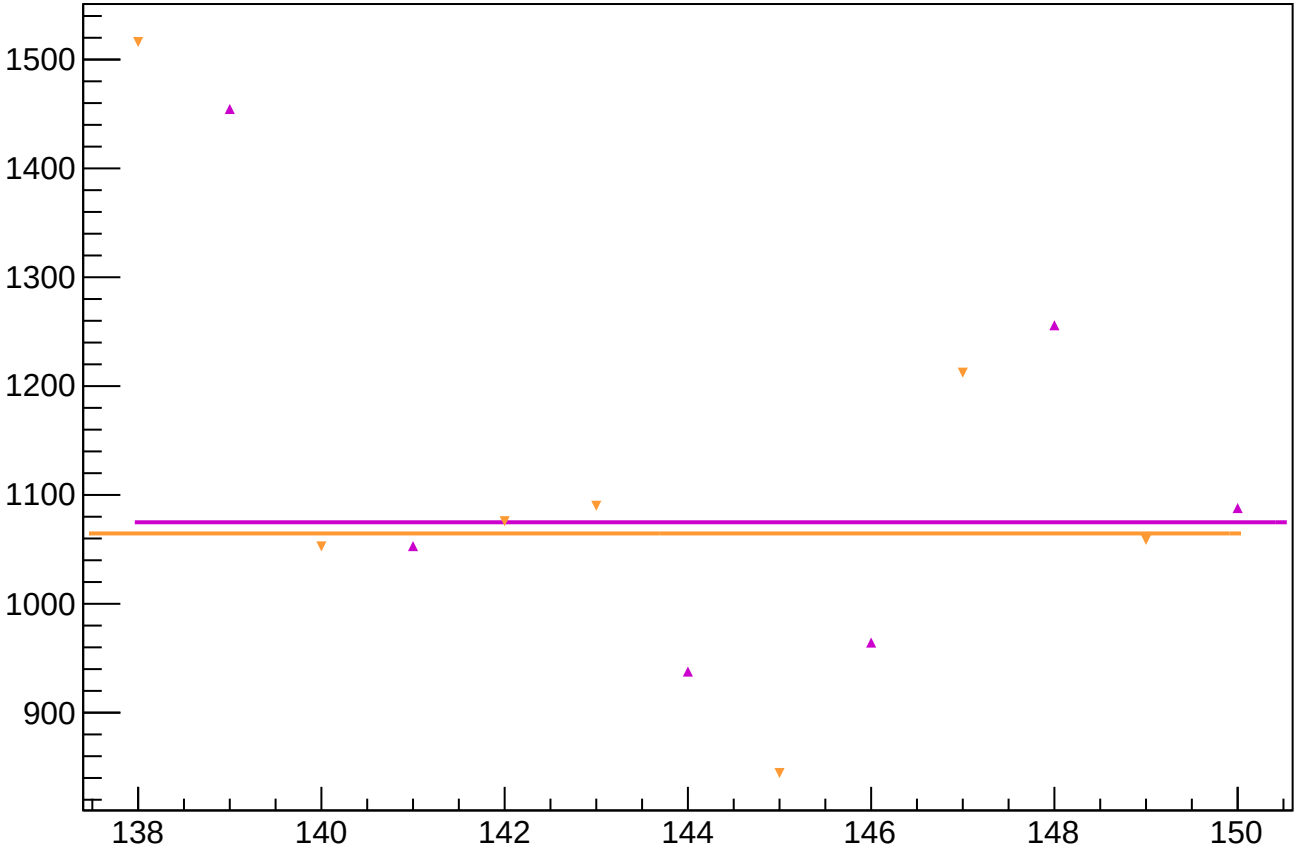
Left In: -953.388+/-487.677 χ^2/NDF:2.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1277.842+/-344.088 χ^2/NDF: 17.3/12

- 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: 1064.649+/-0.343 χ^2/NDF:253270.5/6

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

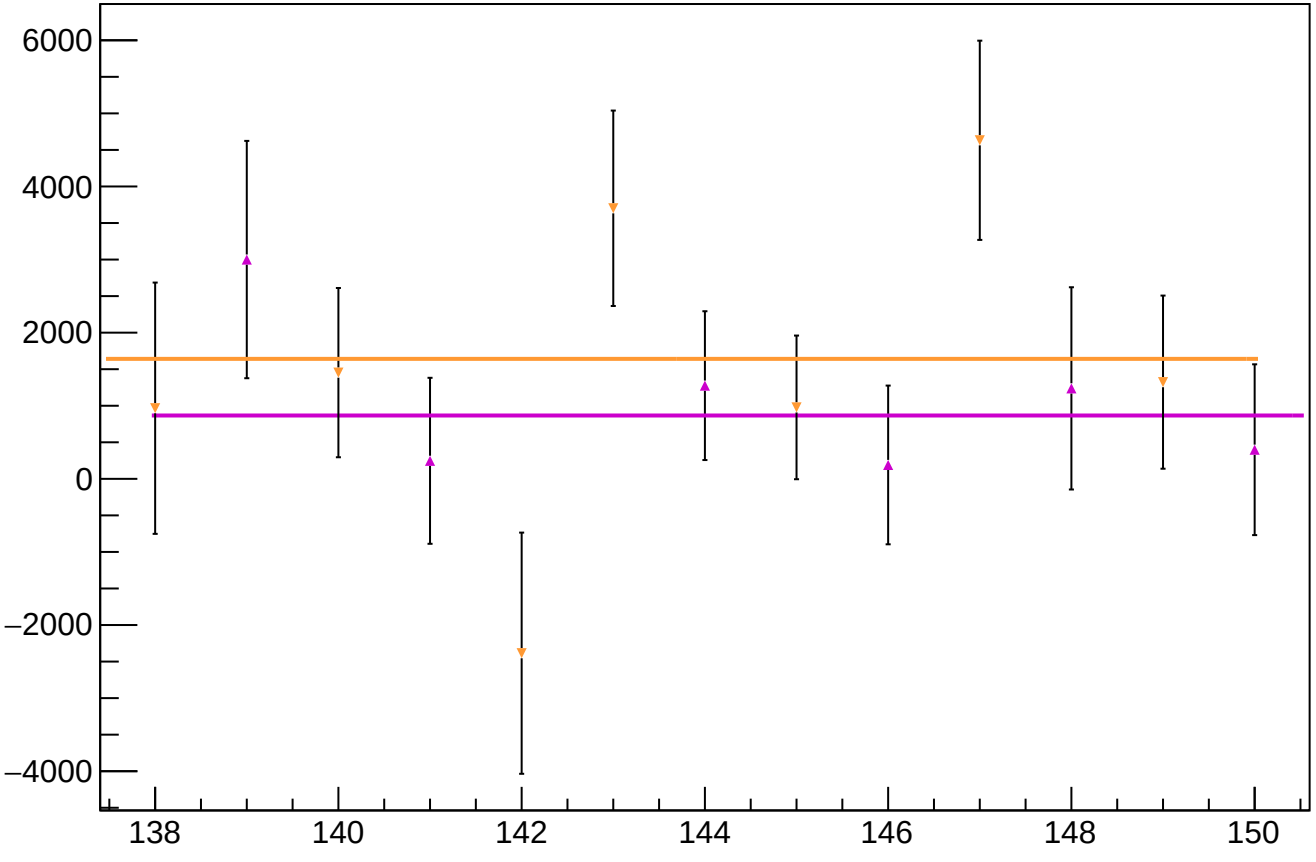
Left In: 1074.902+/-0.345 χ^2/NDF:199898.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1069.754+/-0.243 χ^2/NDF: 453613.1/12

- 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: 1641.466+/-482.369 χ^2/NDF:13.9/6

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

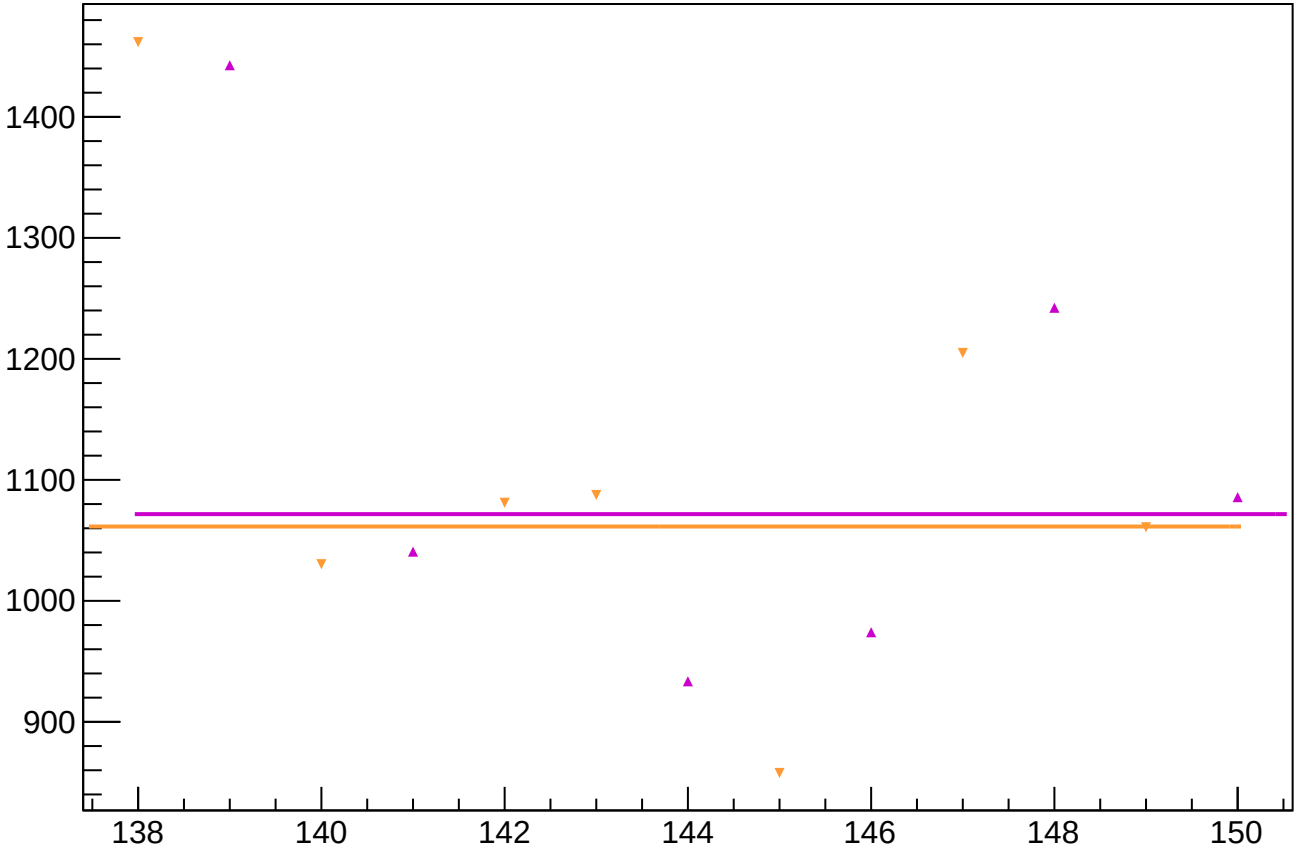
Left In: 866.650+/-486.597 χ^2/NDF:2.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1257.440+/-342.571 χ^2/NDF: 17.9/12

- 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: 1061.436+/-0.341 χ^2/NDF:219031.1/6

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

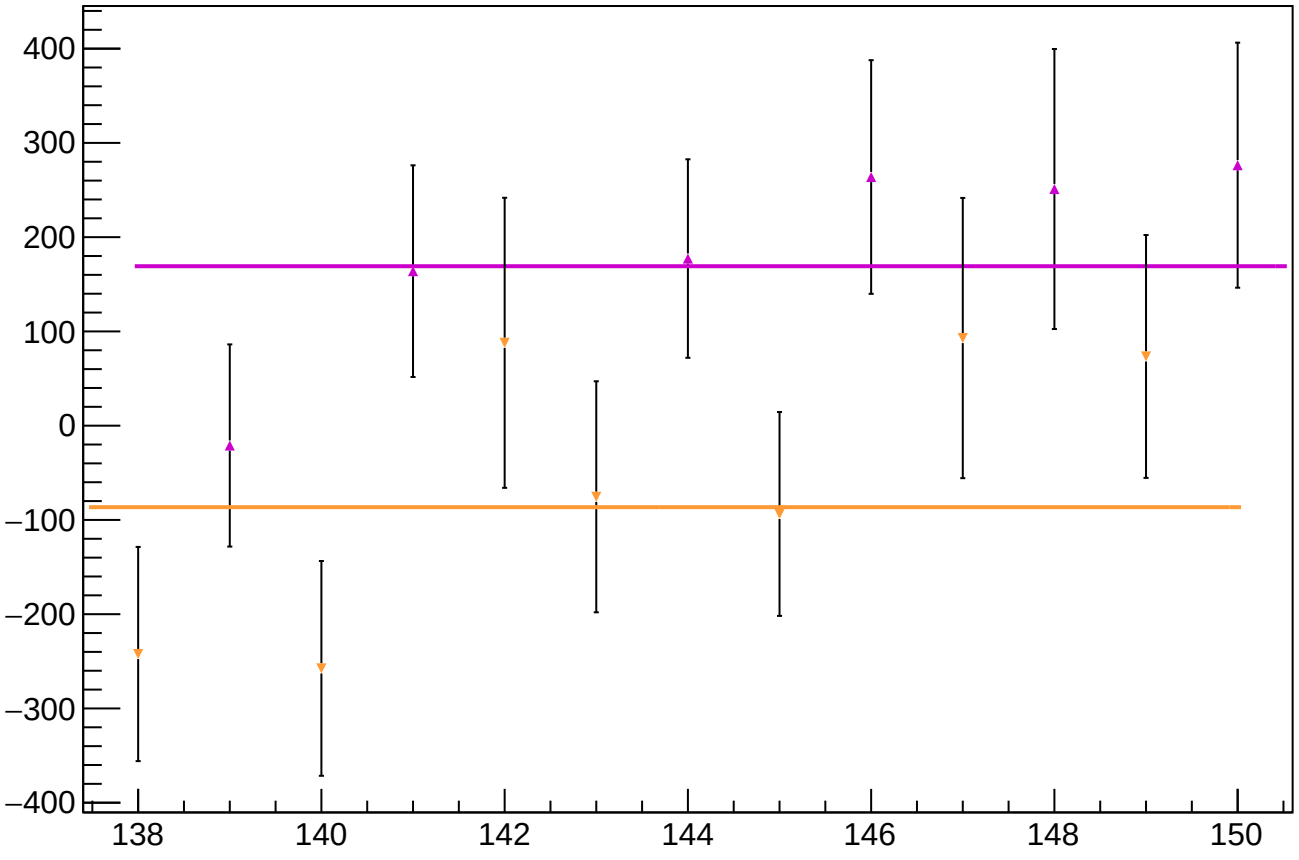
Left In: 1071.686+/-0.344 χ^2/NDF:189646.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1066.517+/-0.242 χ^2/NDF: 409124.9/12

- 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: -86.473+/-46.917 χ^2/NDF:8.4/6

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

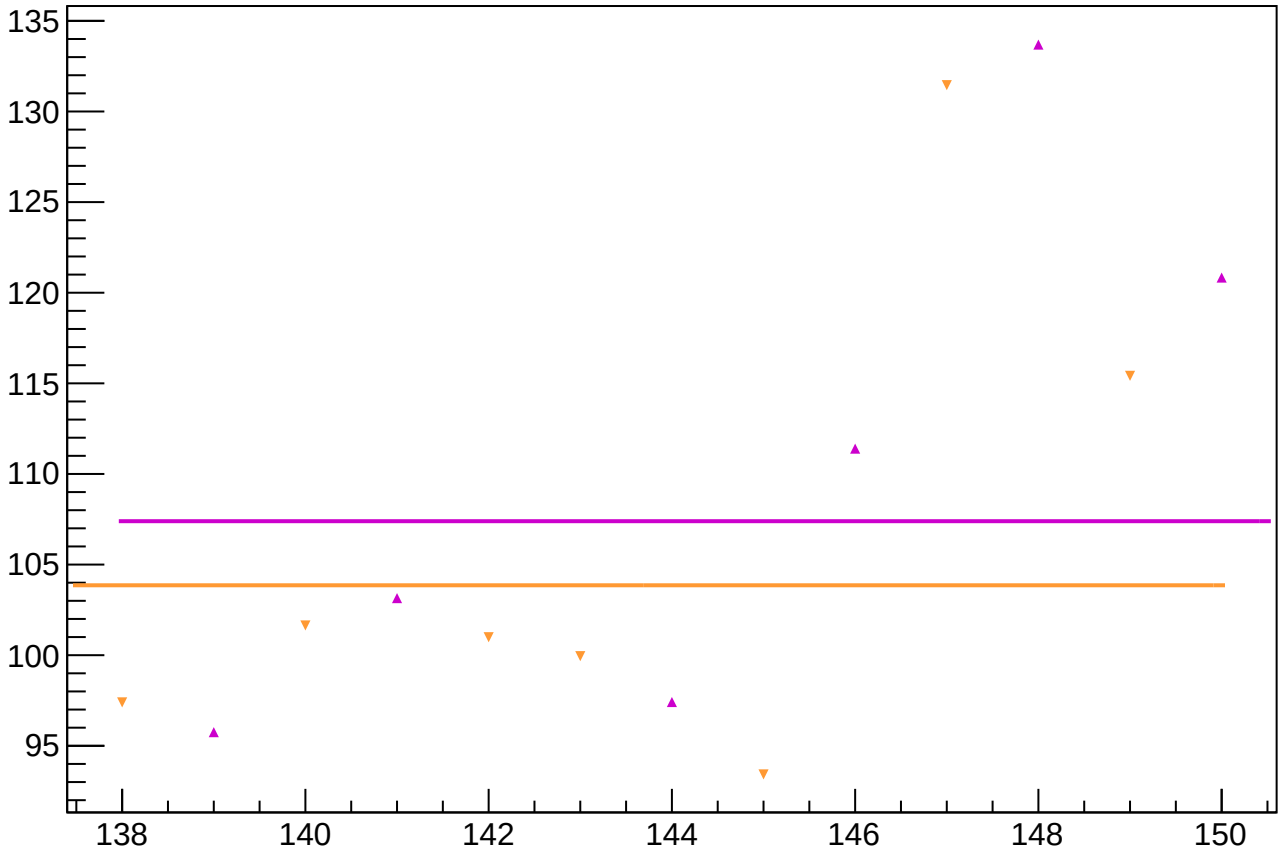
Left In: 169.176+/-48.451 χ^2/NDF:4.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 37.241+/-33.705 χ^2/NDF: 27.5/12

- 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: 103.857+/-0.033 χ^2/NDF:113585.1/6

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

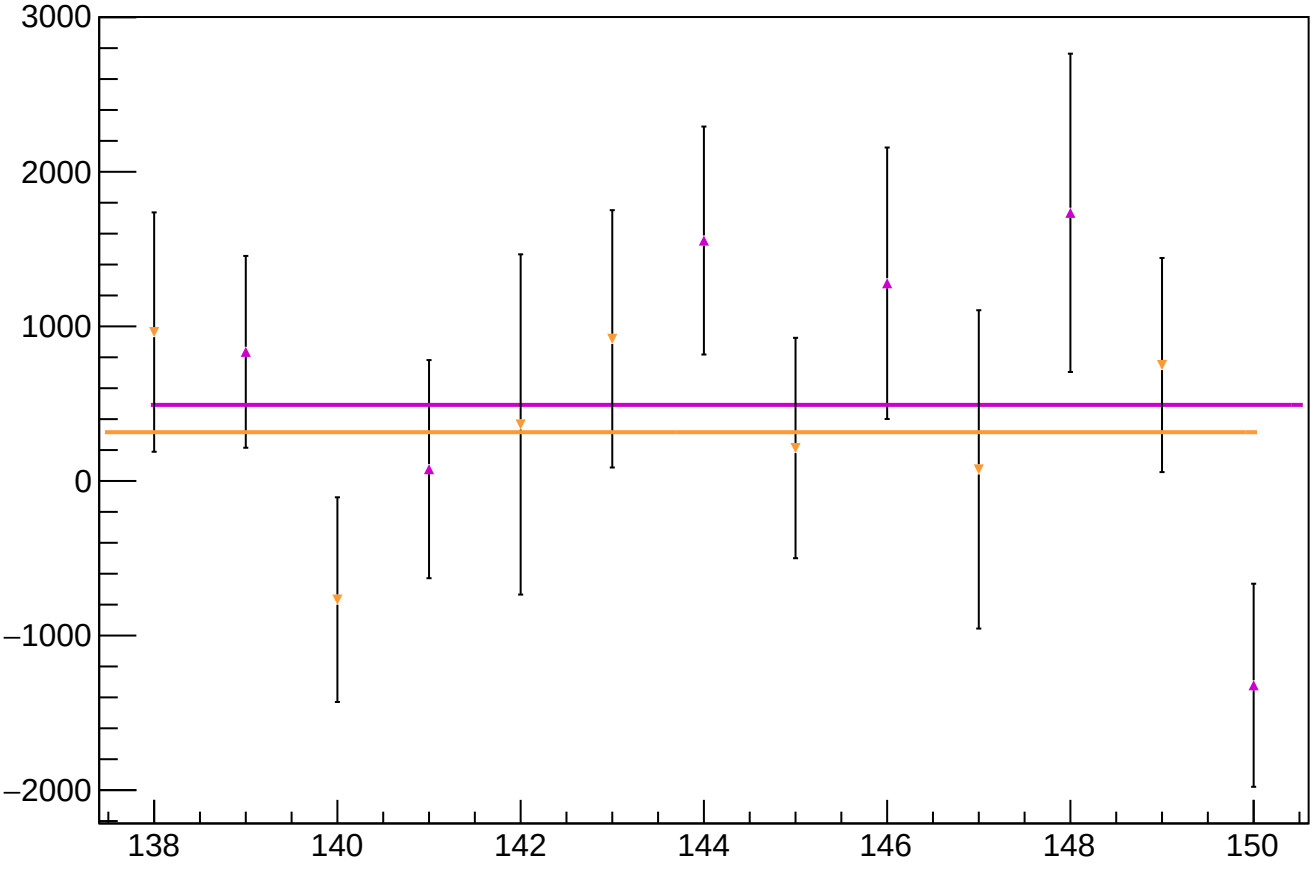
Left In: 107.394+/-0.034 χ^2/NDF:130526.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 105.569+/-0.024 χ^2/NDF: 249609.5/12

- 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: 315.519+/-298.616 χ^2/NDF:4.4/6

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

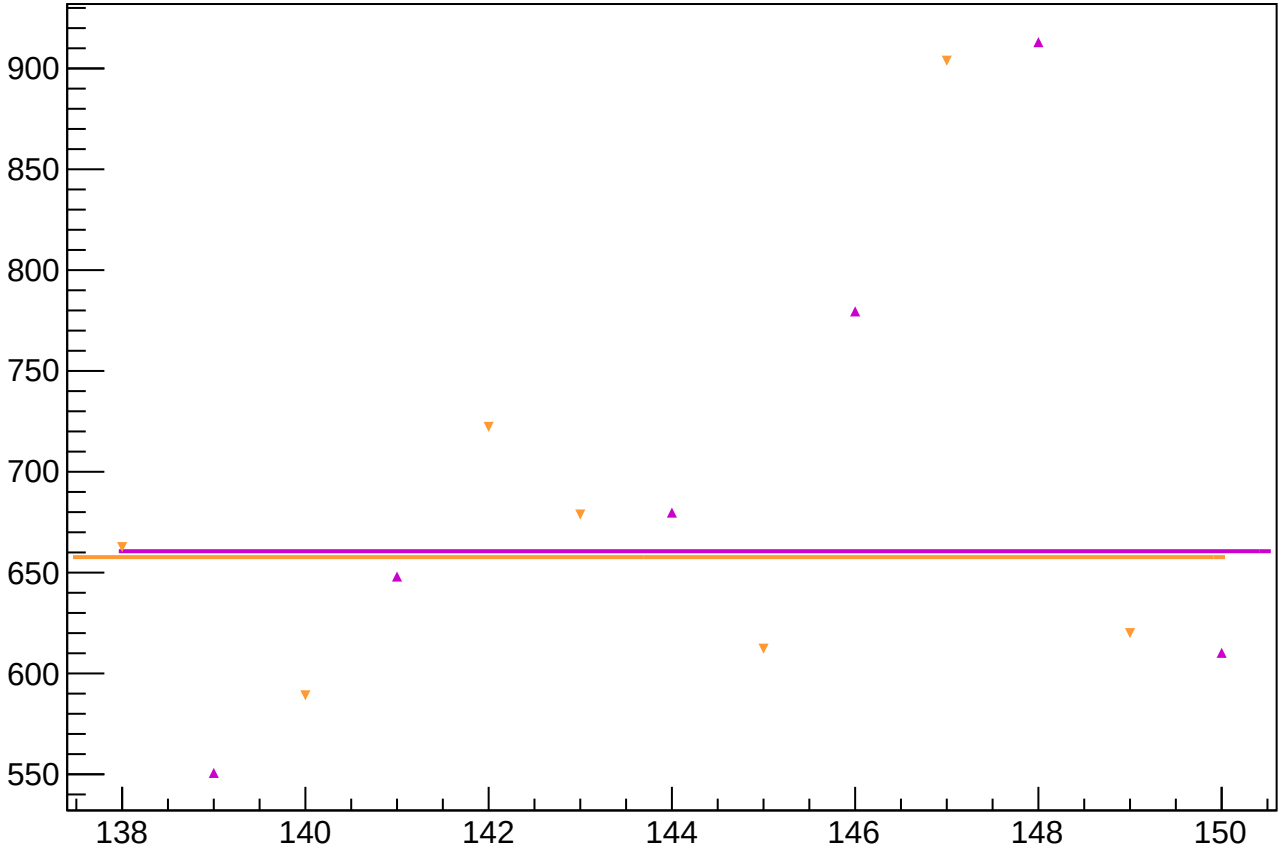
Left In: 492.267+/-301.459 χ^2/NDF:12.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 403.055+/-212.151 χ^2/NDF: 17.2/12

- 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: 657.678+/-0.211 χ^2/NDF:158046.2/6

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

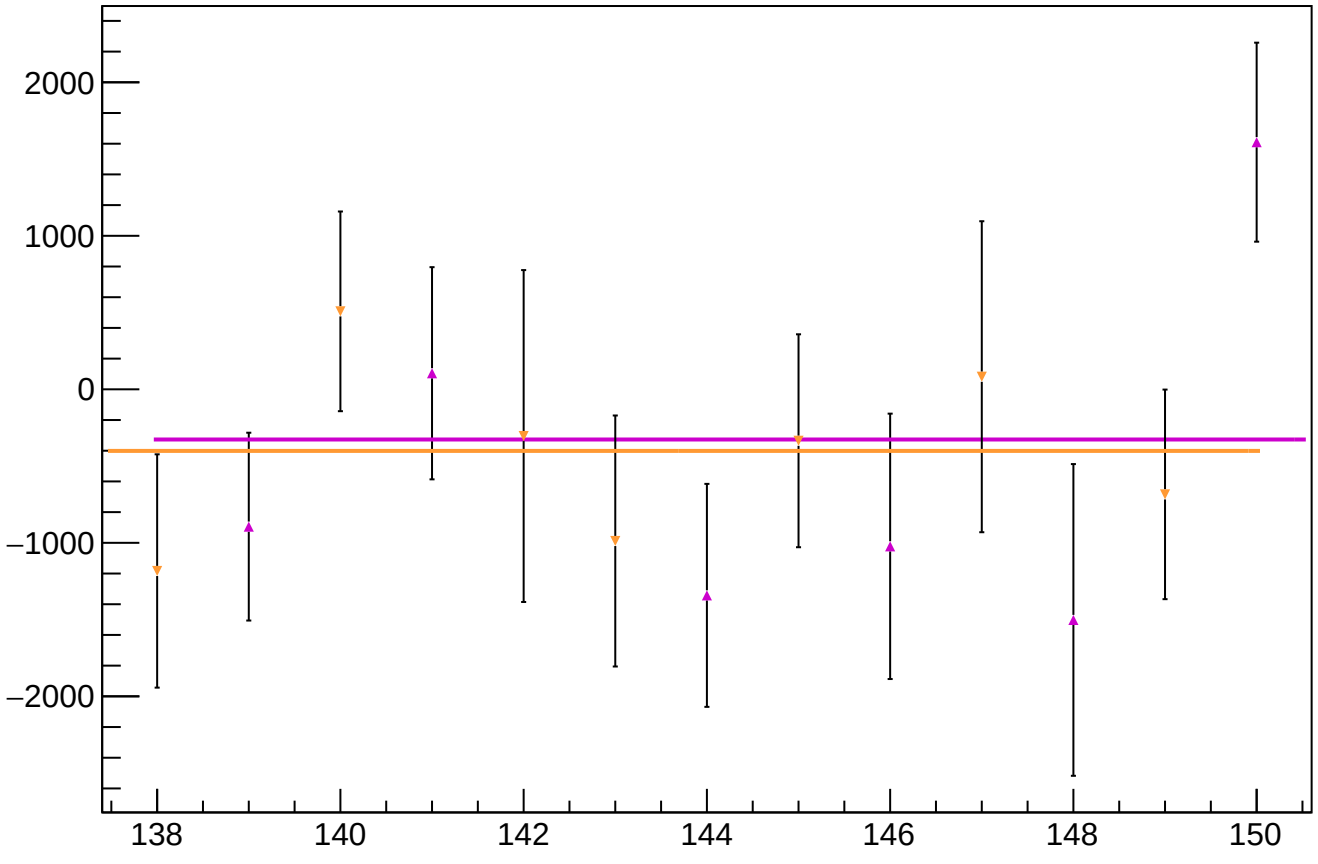
Left In: 660.615+/-0.213 χ^2/NDF:233453.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 659.132+/-0.150 χ^2/NDF: 391595.1/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -401.194+/-293.024 χ^2/NDF:3.9/6

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

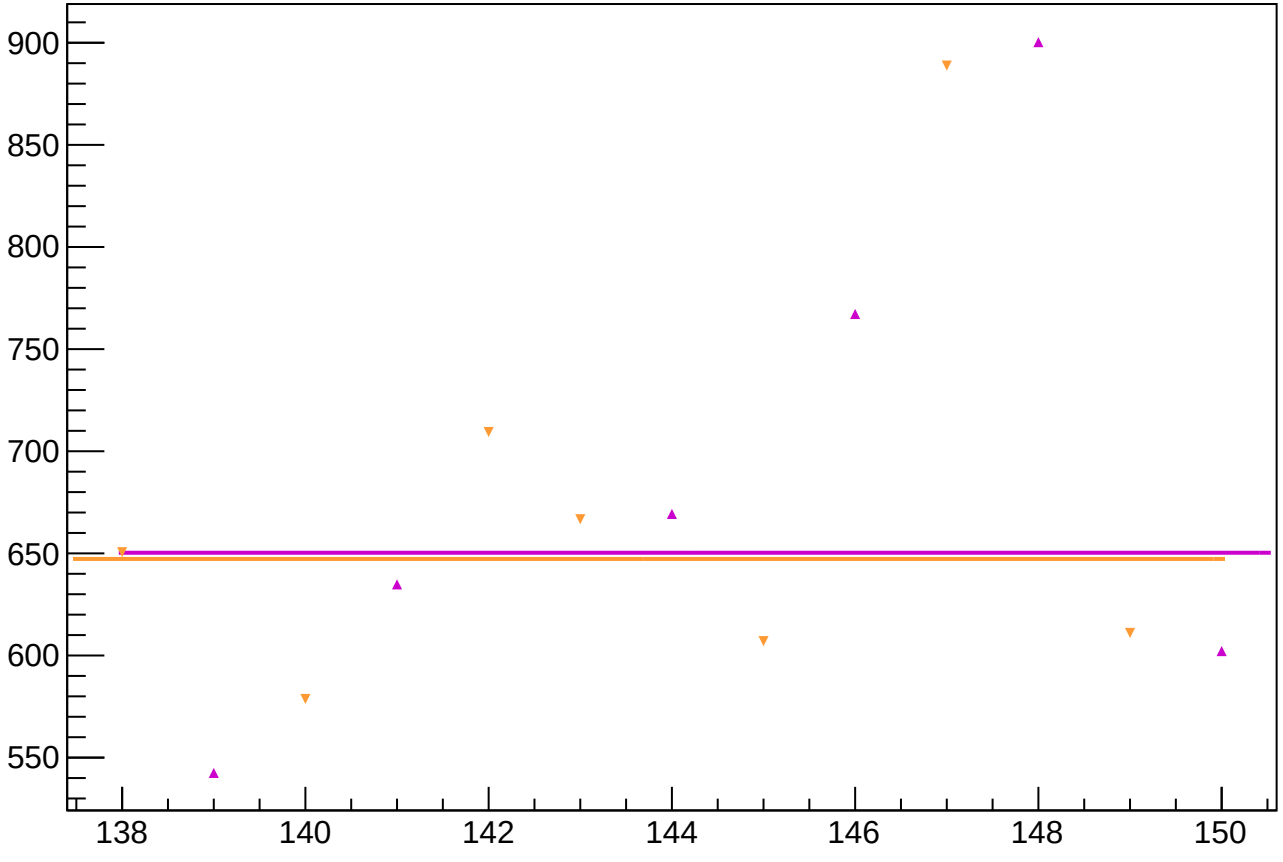
Left In: -326.892+/-296.828 χ^2/NDF:14.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -364.522+/-208.531 χ^2/NDF: 18.1/12

- 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: 647.267+/-0.207 χ^2/NDF:156088.6/6

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

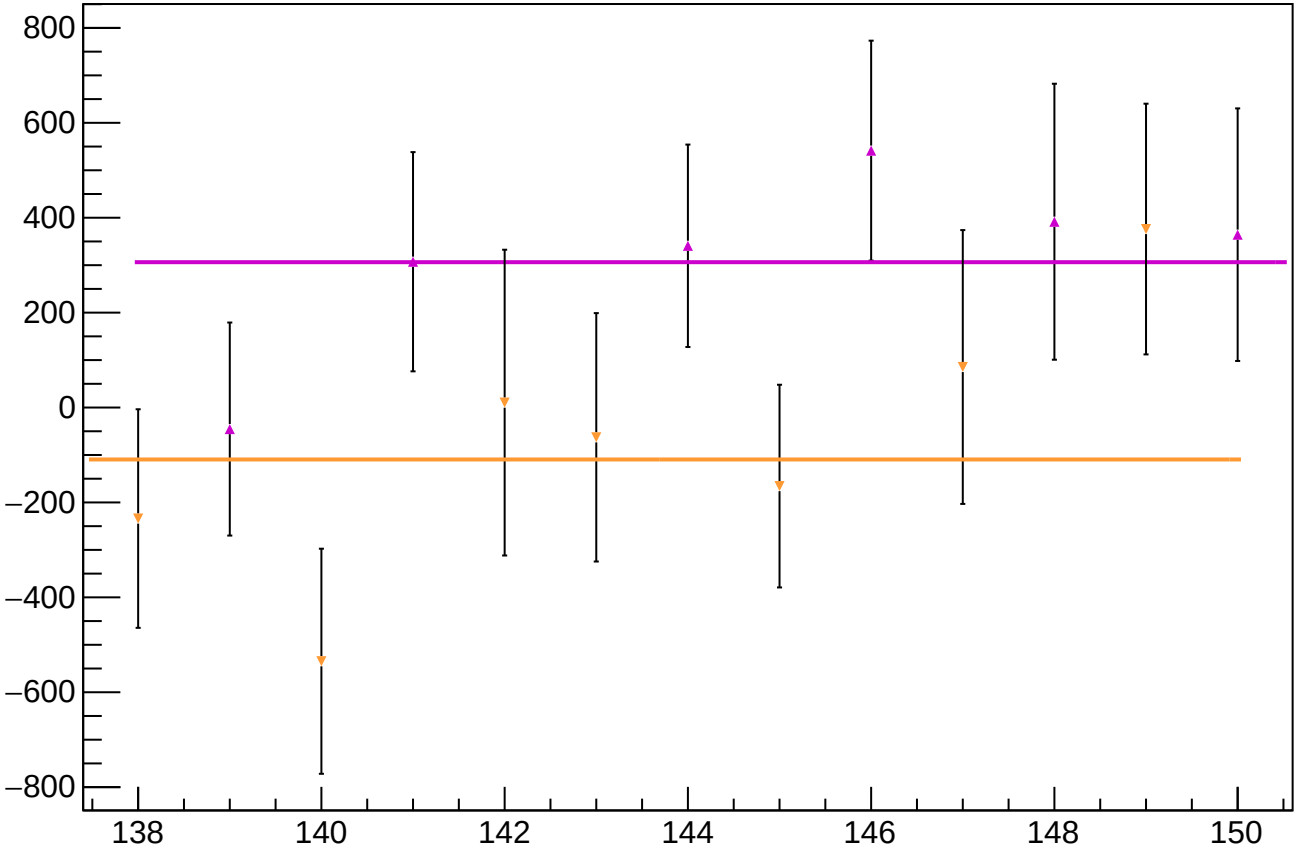
Left In: 650.307+/-0.210 χ^2/NDF:233336.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 648.767+/-0.147 χ^2/NDF: 389531.2/12

- 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: -109.456+/-95.732 χ^2/NDF:7.6/6

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

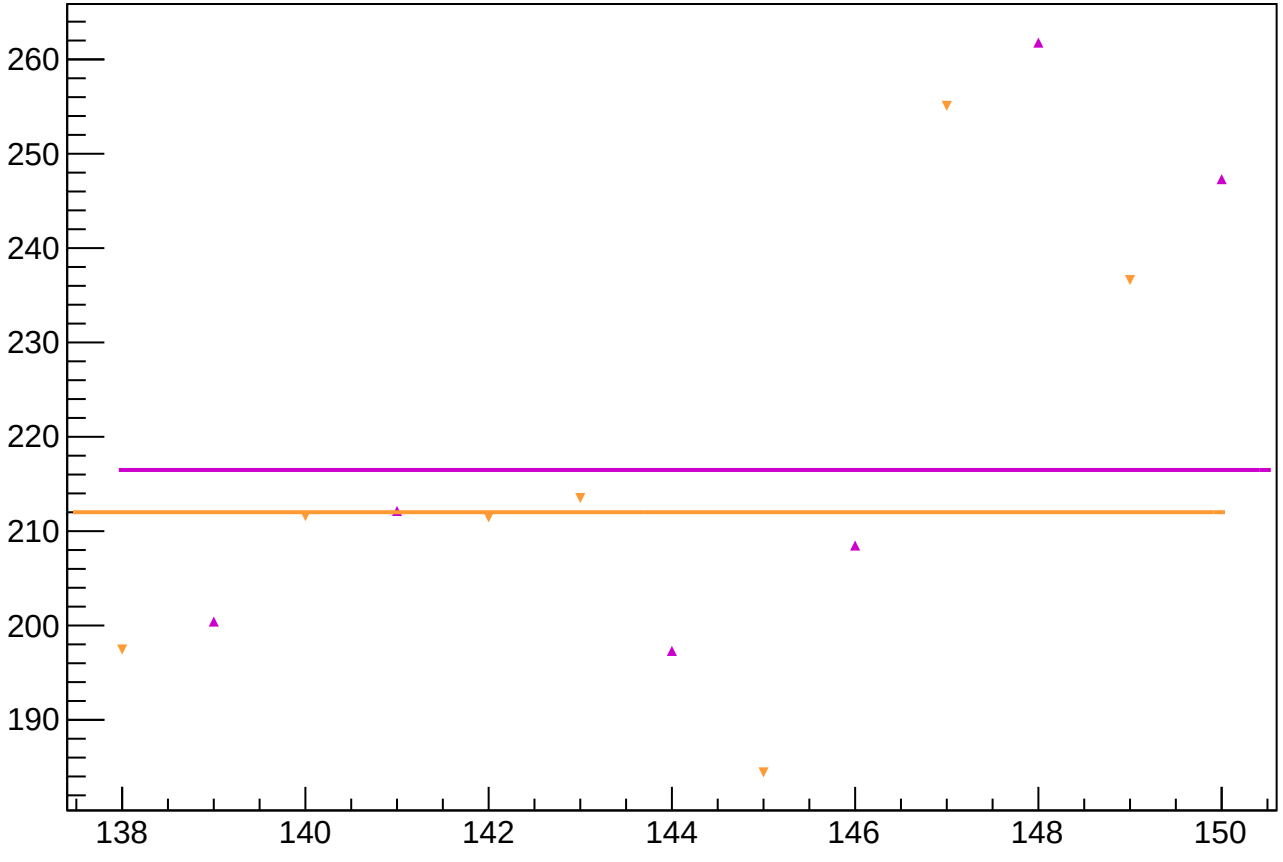
Left In: 306.322+/-97.531 χ^2/NDF:3.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 94.562+/-68.320 χ^2/NDF: 20.5/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 212.008+/-0.068 χ^2/NDF:103295.3/6

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

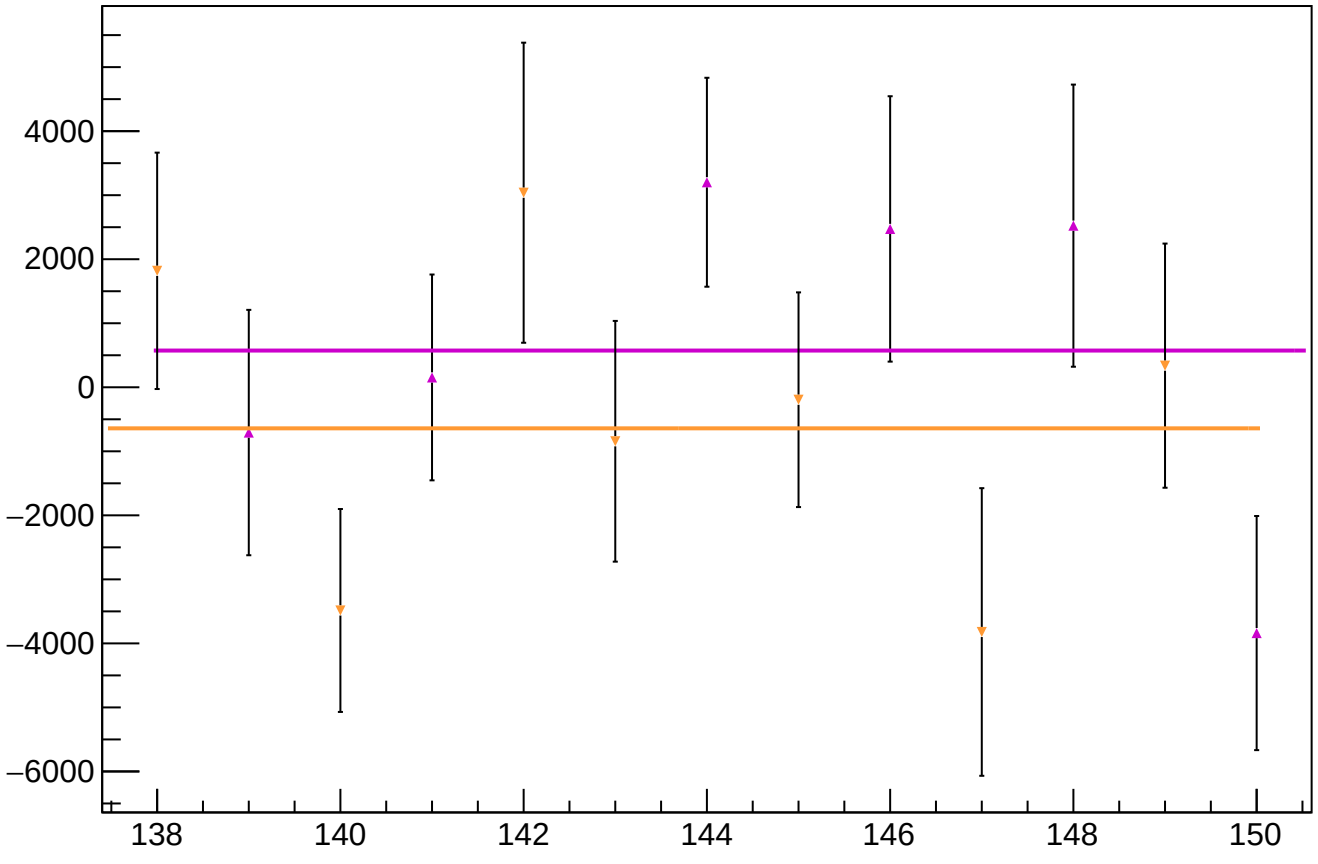
Left In: 216.486+/-0.069 χ^2/NDF:104855.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 214.205+/-0.048 χ^2/NDF: 210297.6/12

- 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: -641.386+/-709.619 χ^2/NDF:9.8/6

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

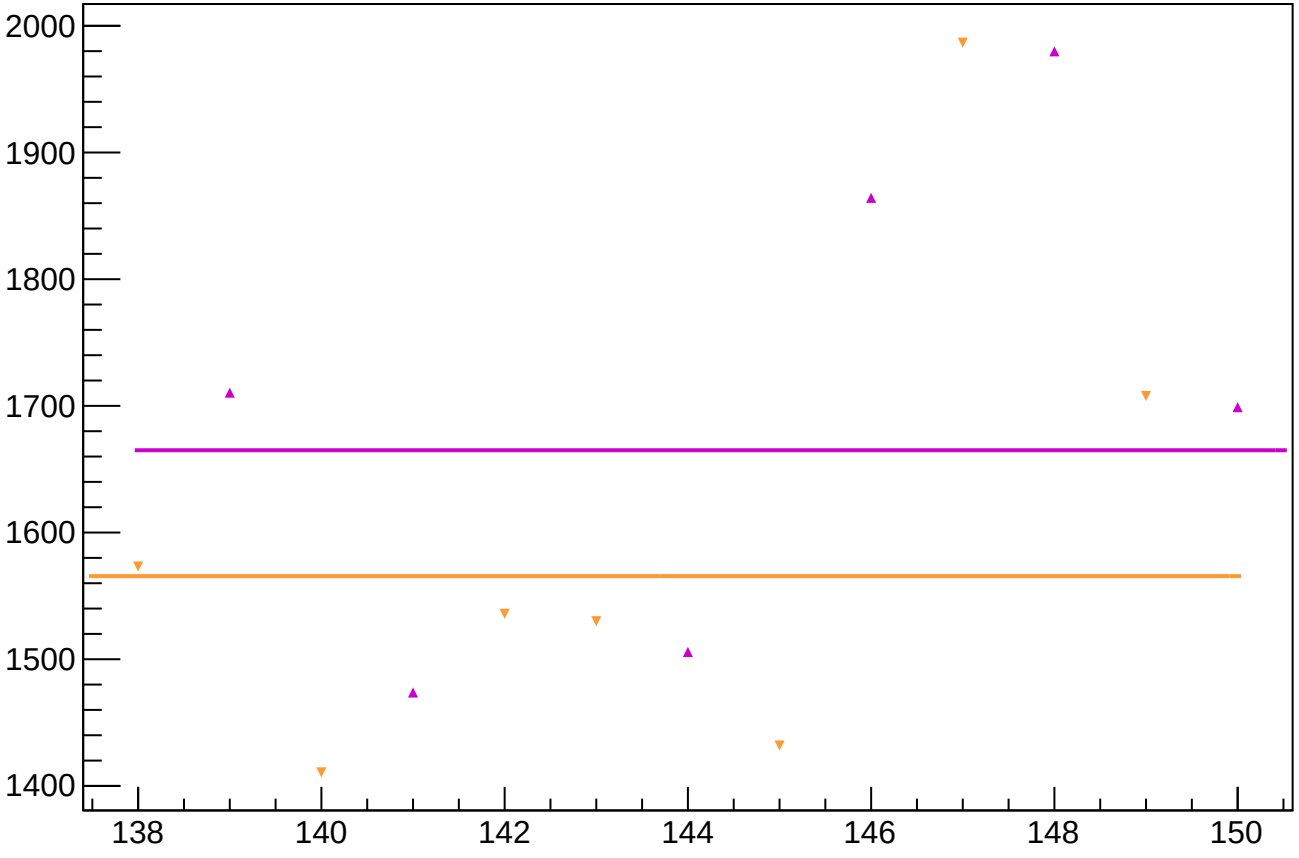
Left In: 573.558+/-750.984 χ^2/NDF:10.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -68.294+/-515.780 χ^2/NDF: 21.8/12

- 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: 1565.614+/-0.502 χ^2/NDF:114324.0/6

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

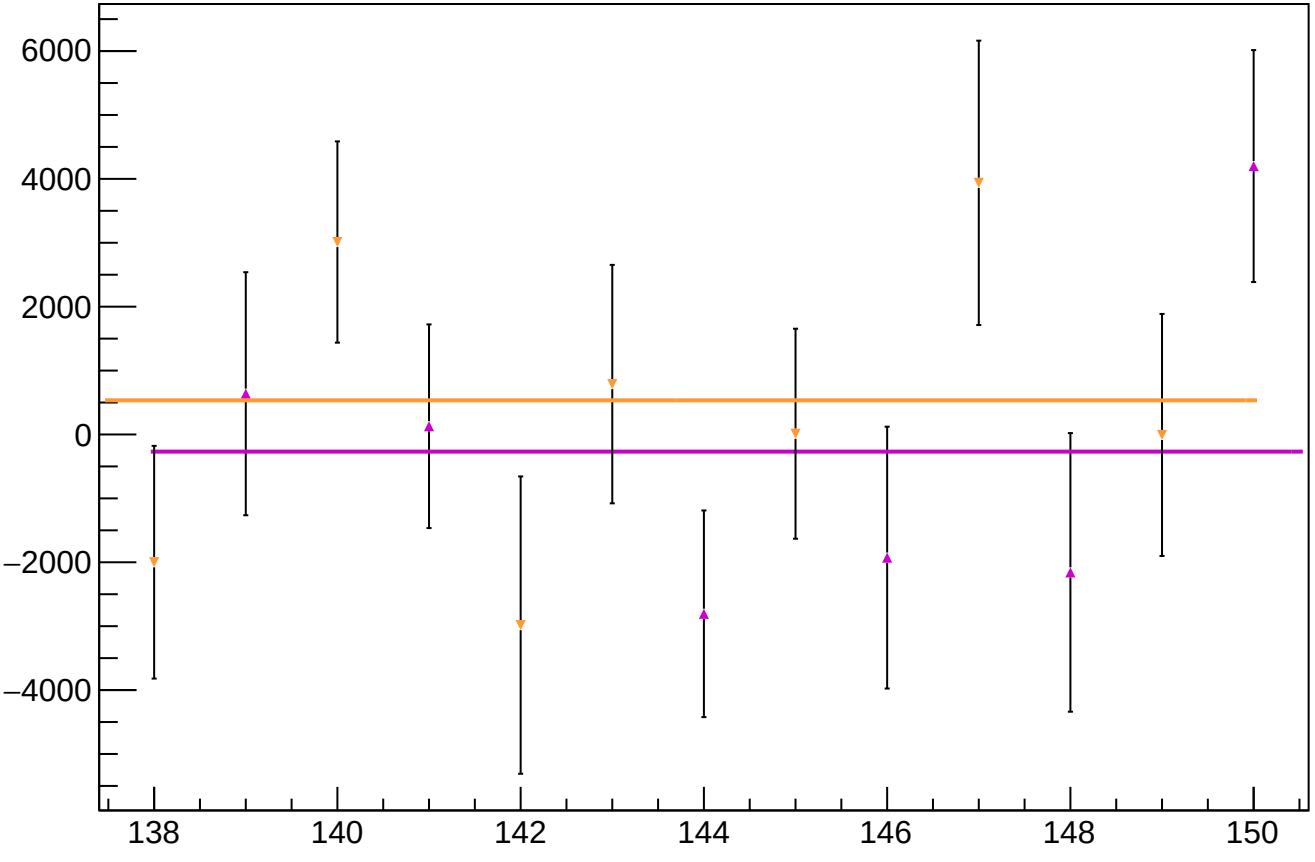
Left In: 1664.963+/-0.531 χ^2/NDF:108518.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1612.477+/-0.365 χ^2/NDF: 241334.4/12

- 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: 534.772+/-702.228 χ^2/NDF:9.2/6

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

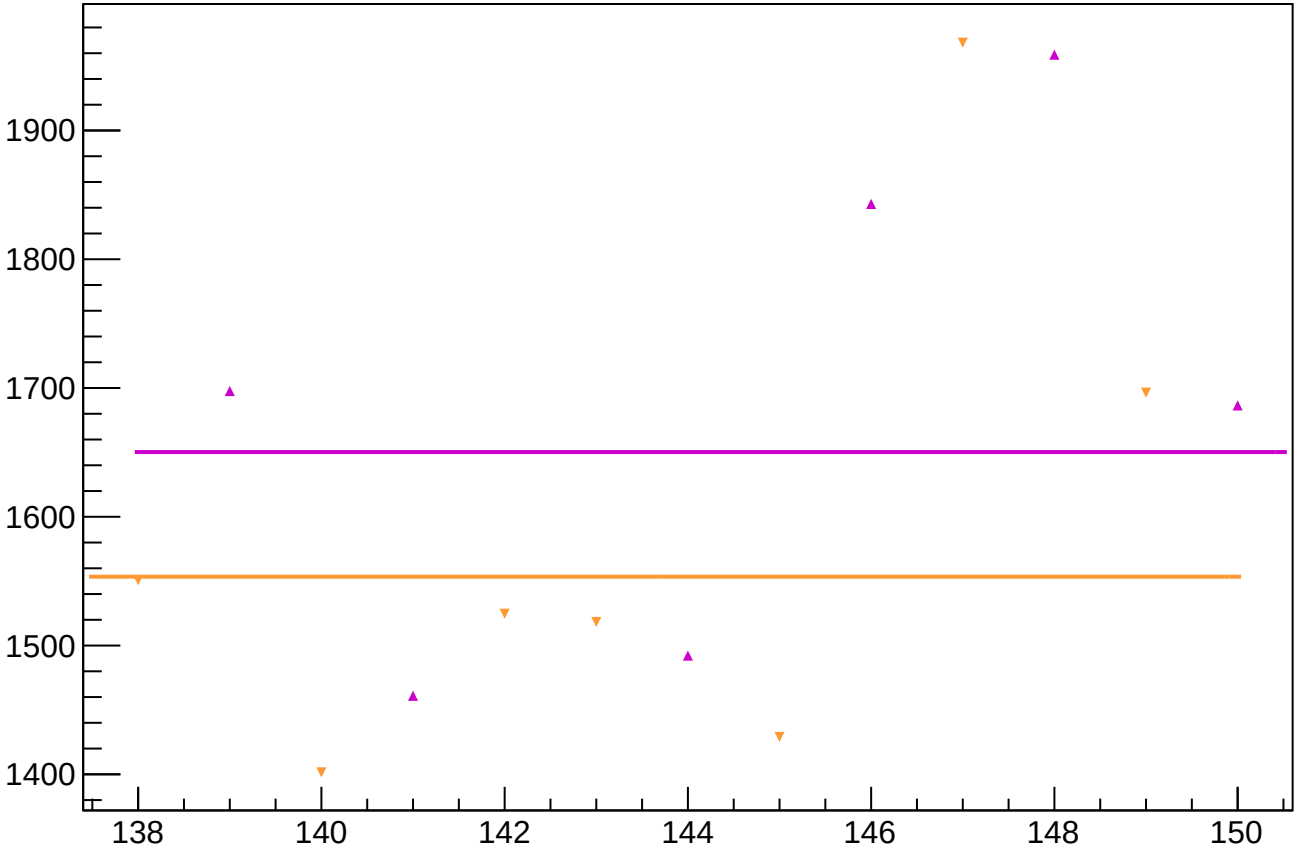
Left In: -268.139+/-744.352 χ^2/NDF:10.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 156.678+/-510.793 χ^2/NDF: 20.1/12

- 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: 1553.469+/-0.497 χ^2/NDF:111964.8/6

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

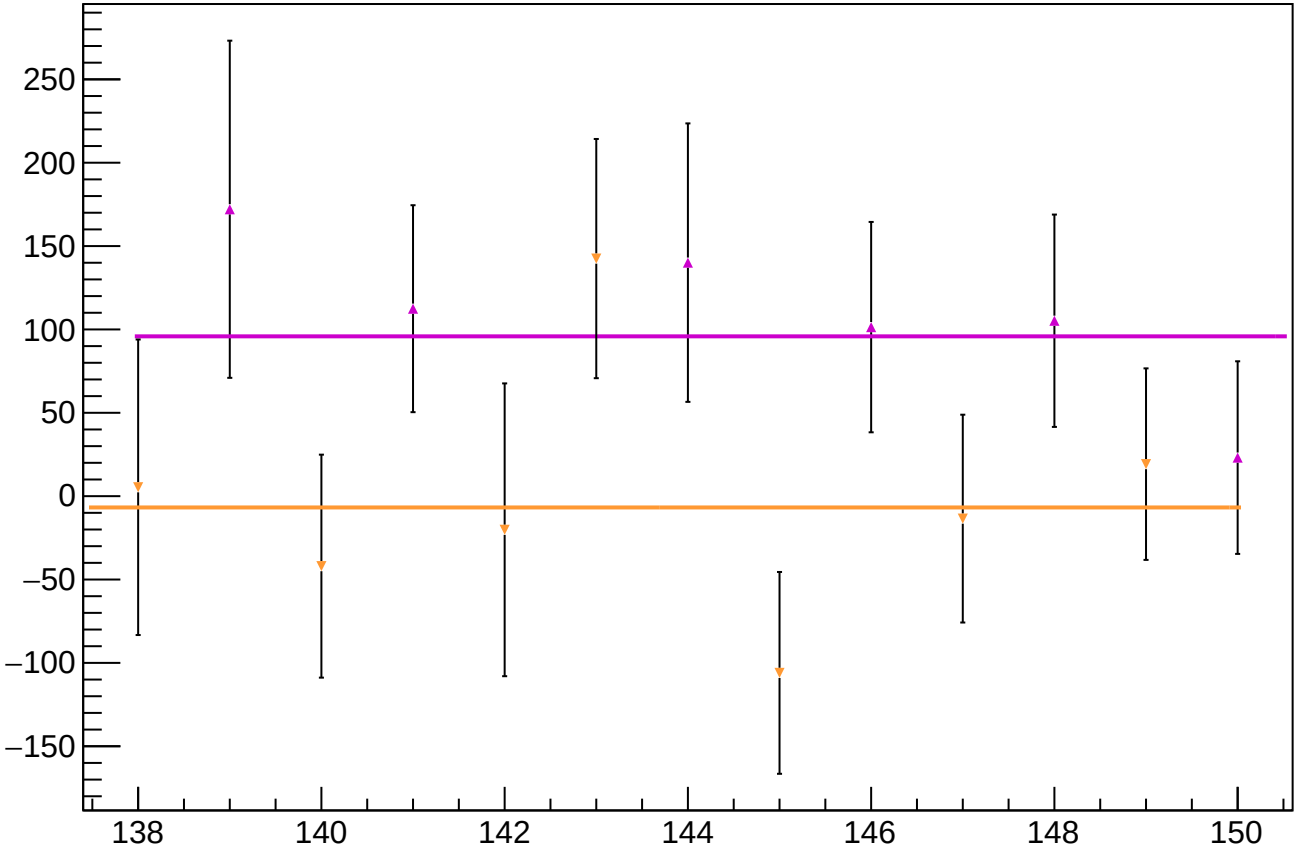
Left In: 1650.253+/-0.526 χ^2/NDF:107123.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1599.045+/-0.361 χ^2/NDF: 236978.5/12

- 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: -6.771+/-25.747 χ^2/NDF:7.6/6

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

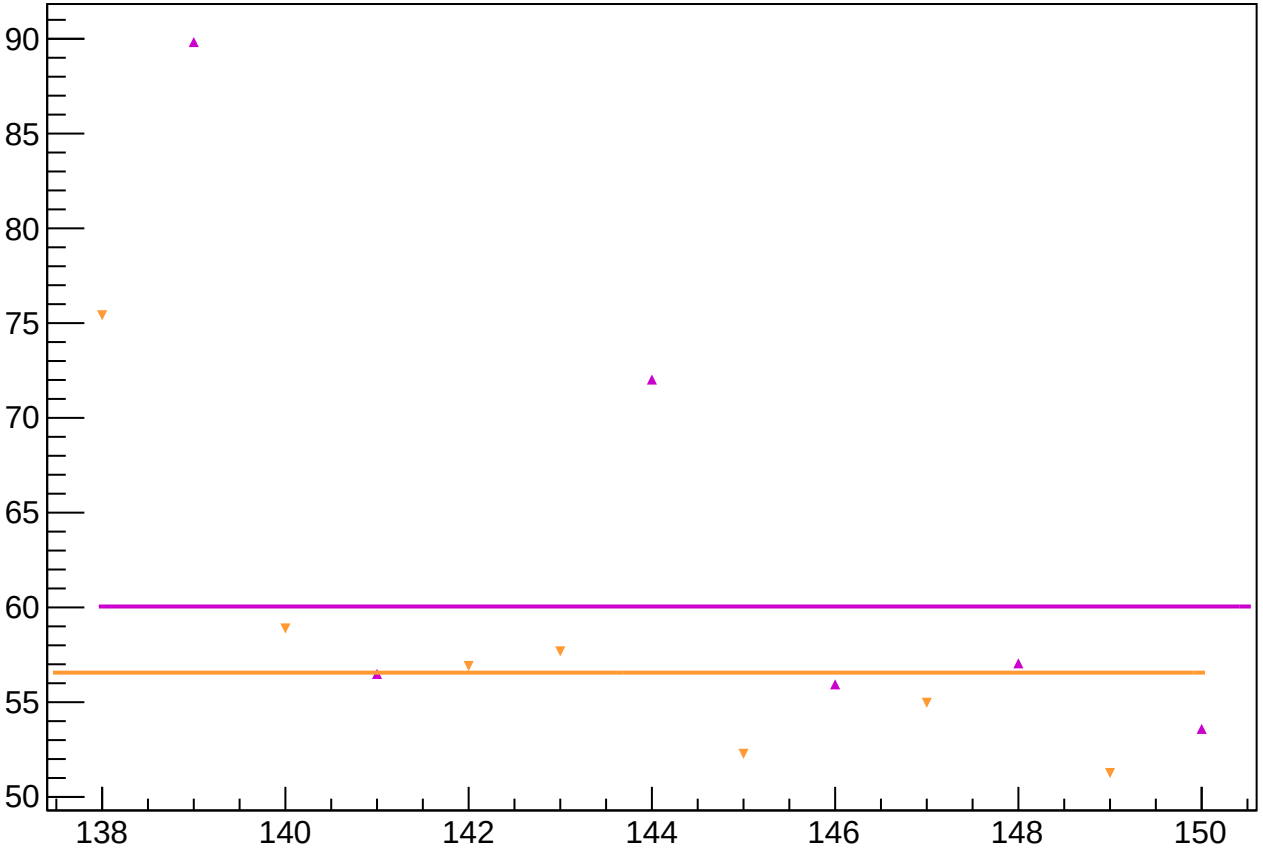
Left In: 95.861+/-27.753 χ^2/NDF:2.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.703+/-18.875 χ^2/NDF: 17.4/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 56.559+/-0.018 χ^2/NDF:121775.5/6

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

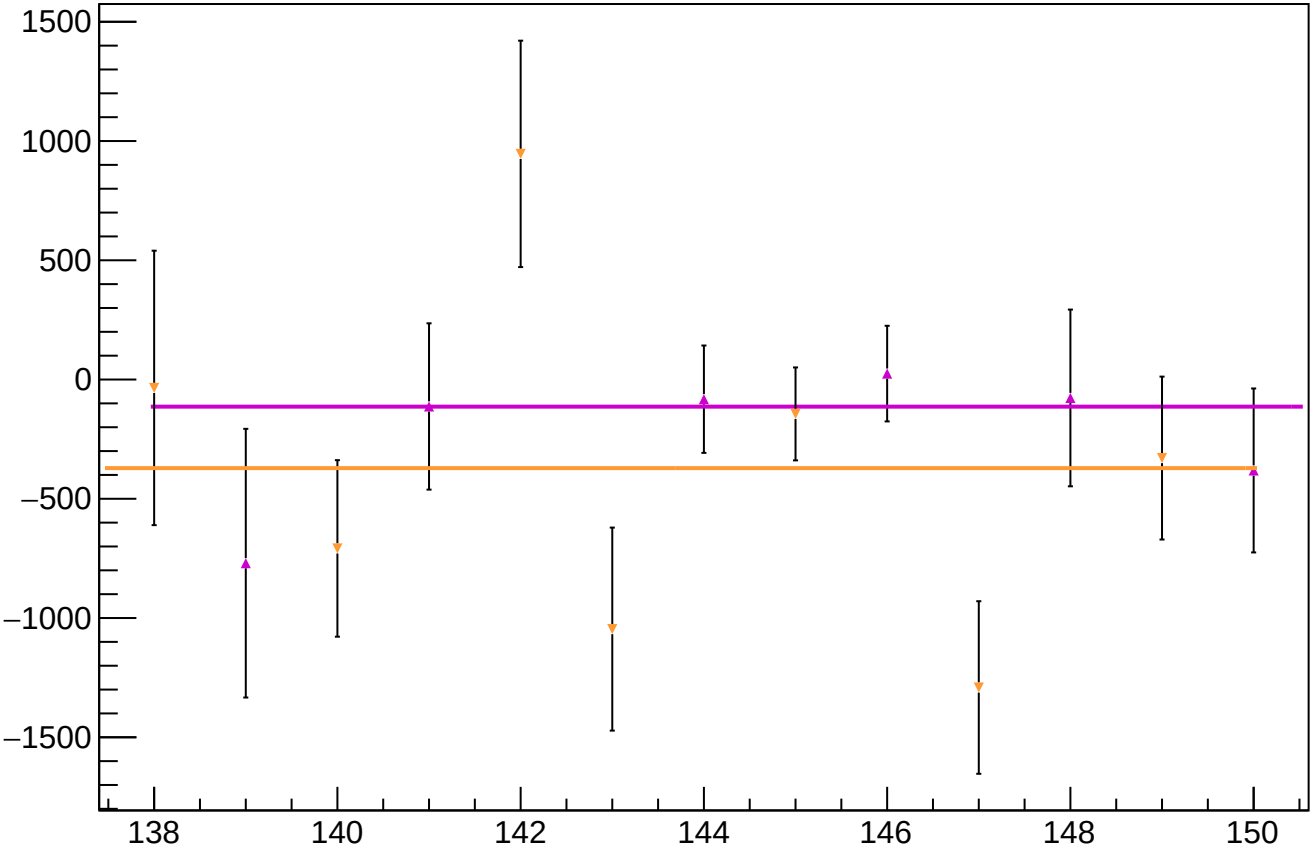
Left In: 60.049+/-0.020 χ^2/NDF:259072.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 58.173+/-0.013 χ^2/NDF: 397841.4/12

- 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: -371.442+/-126.159 χ^2/NDF:19.2/6

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

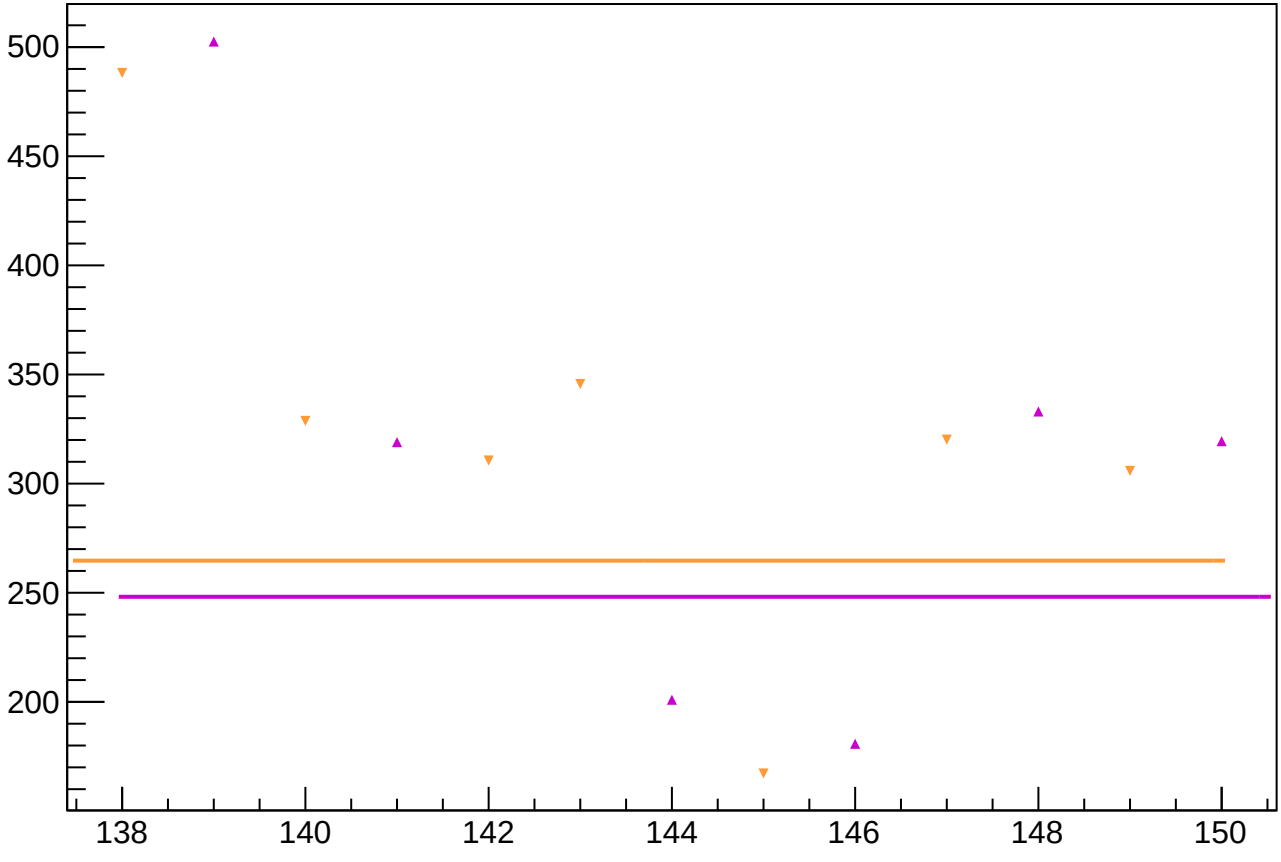
Left In: -113.659+/-118.060 χ^2/NDF:2.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -234.010+/-86.202 χ^2/NDF: 23.9/12

- 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: 264.716+/-0.089 χ^2/NDF:1029511.4/6

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

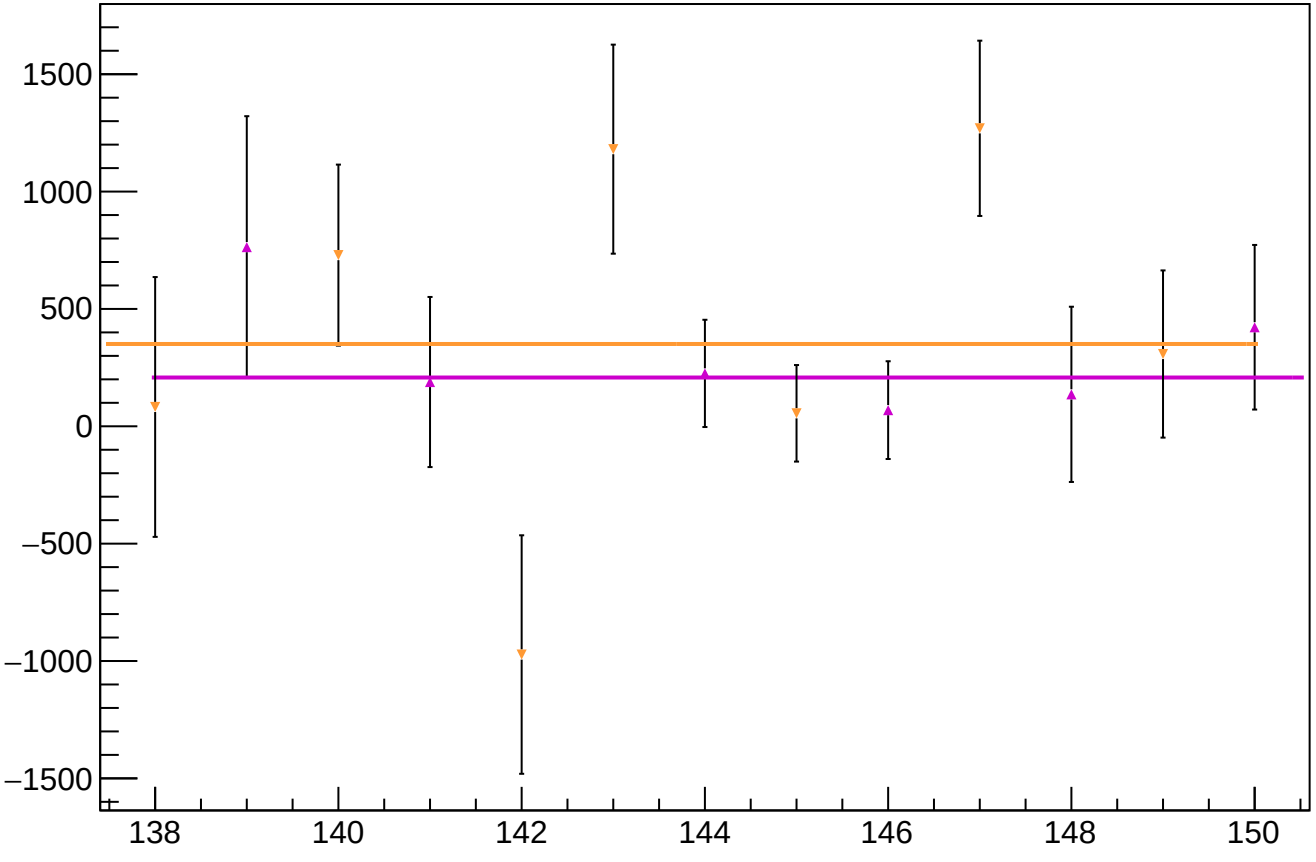
Left In: 248.155+/-0.083 χ^2/NDF:995247.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 255.887+/-0.061 χ^2/NDF: 2043134.0/12

- 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: 350.676+/-131.761 χ^2/NDF:19.6/6

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

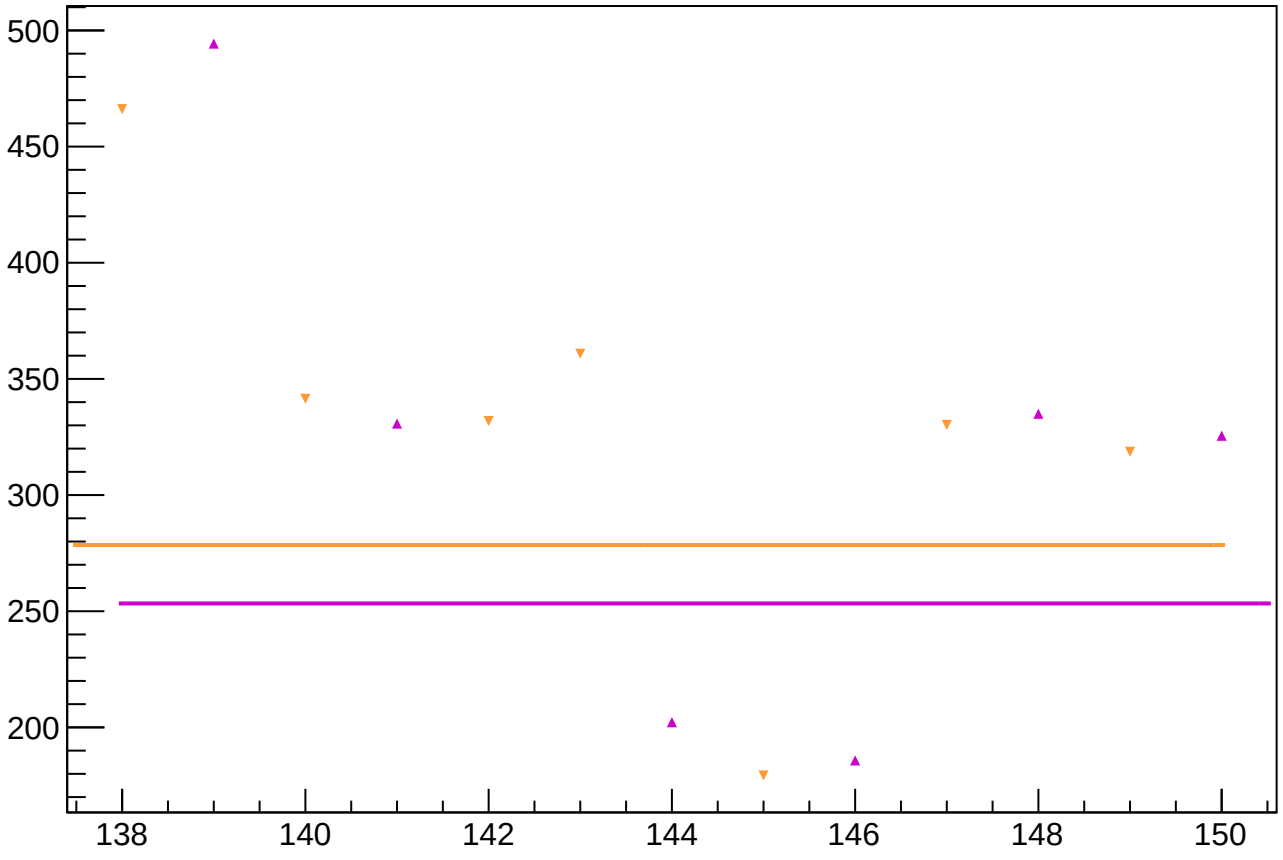
Left In: 207.791+/-120.950 χ^2/NDF:1.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 273.132+/-89.102 χ^2/NDF: 22.1/12

- 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: 278.495+/-0.093 χ^2/NDF:902385.9/6

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

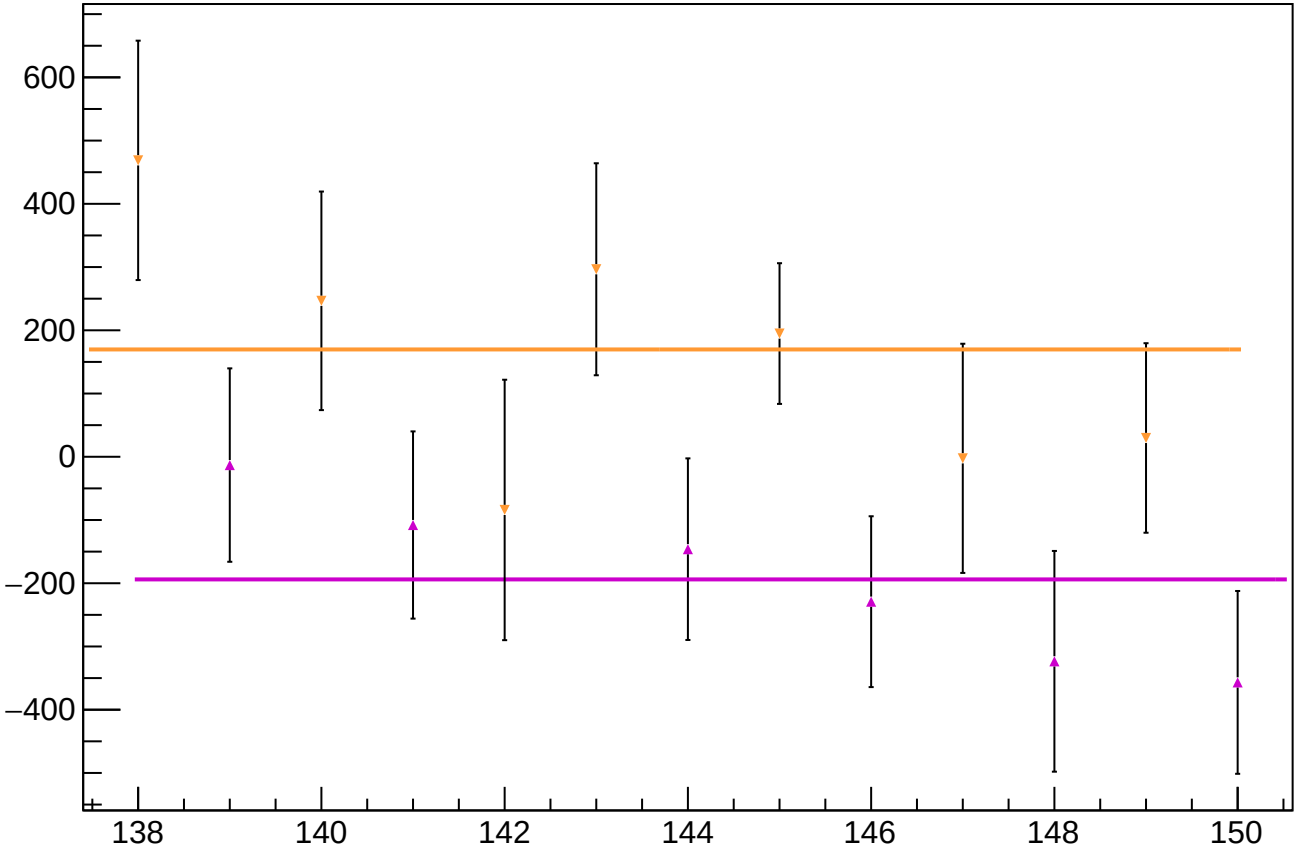
Left In: 253.346+/-0.086 χ^2/NDF:955797.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 264.847+/-0.063 χ^2/NDF: 1897725.1/12

- 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: 169.720+/-60.156 χ^2/NDF:6.6/6

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

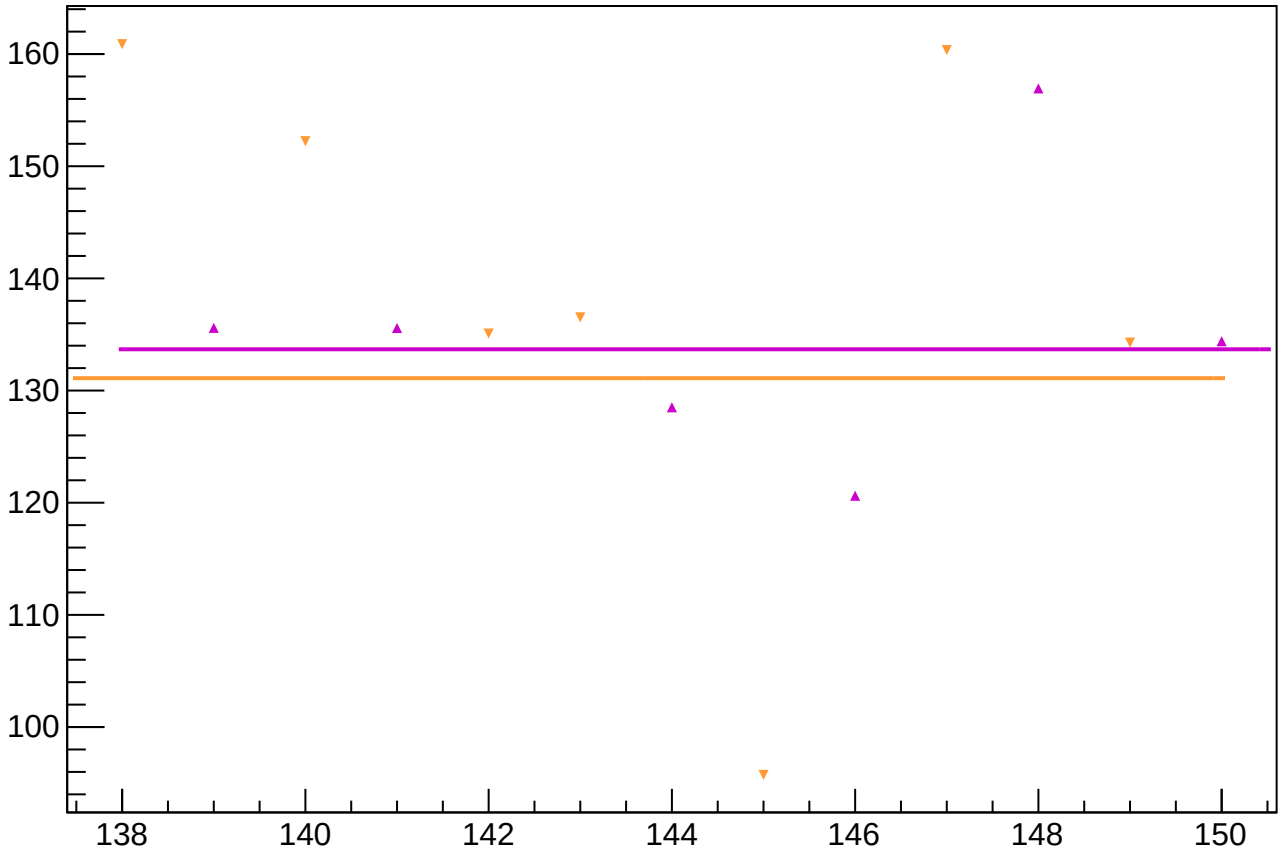
Left In: -193.944+/-60.592 χ^2/NDF:3.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.801+/-42.690 χ^2/NDF: 28.5/12

- 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: 131.103+/-0.043 χ^2/NDF:337373.8/6

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

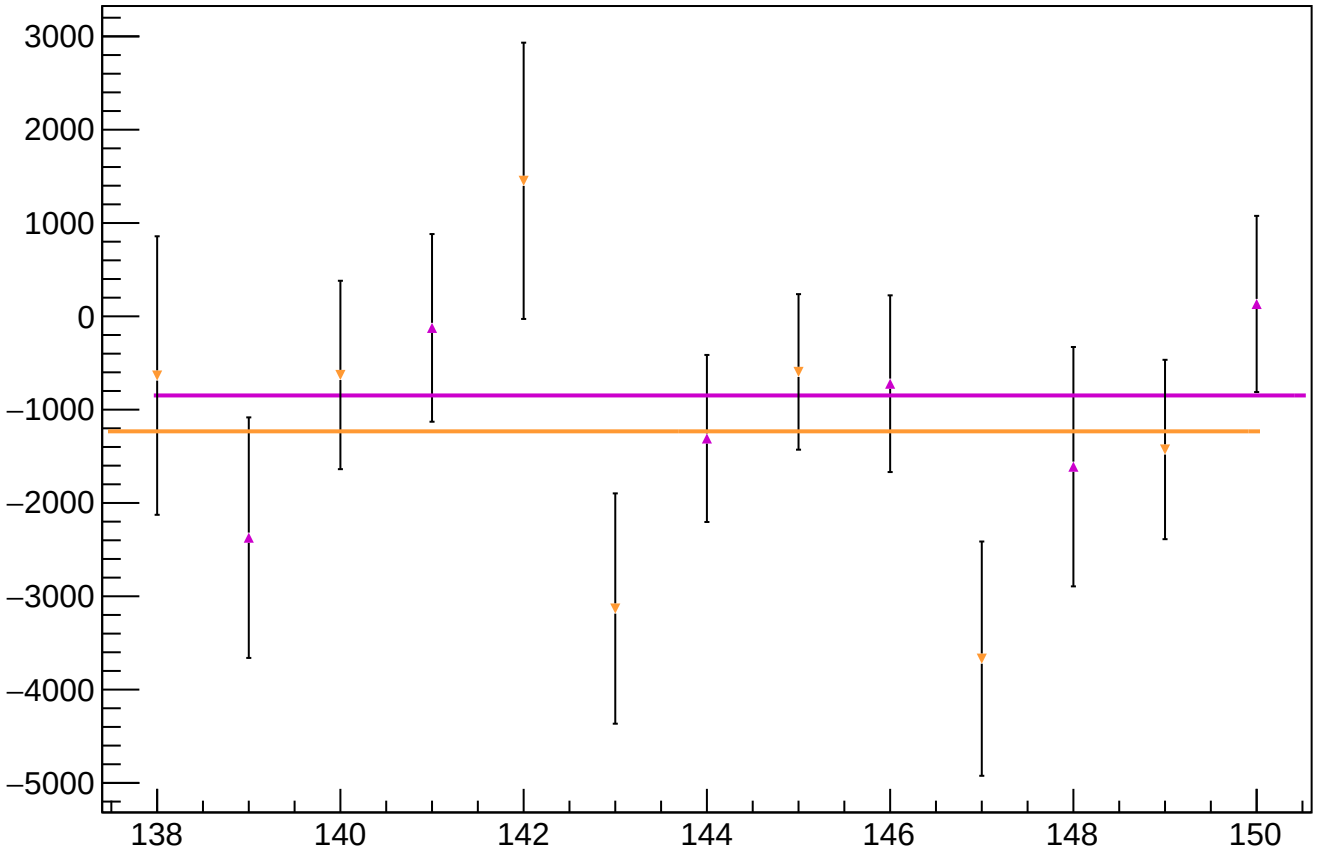
Left In: 133.680+/-0.043 χ^2/NDF:57487.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 132.382+/-0.030 χ^2/NDF: 396682.7/12

- 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: -1232.405+/-418.839 χ^2/NDF:10.6/6

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

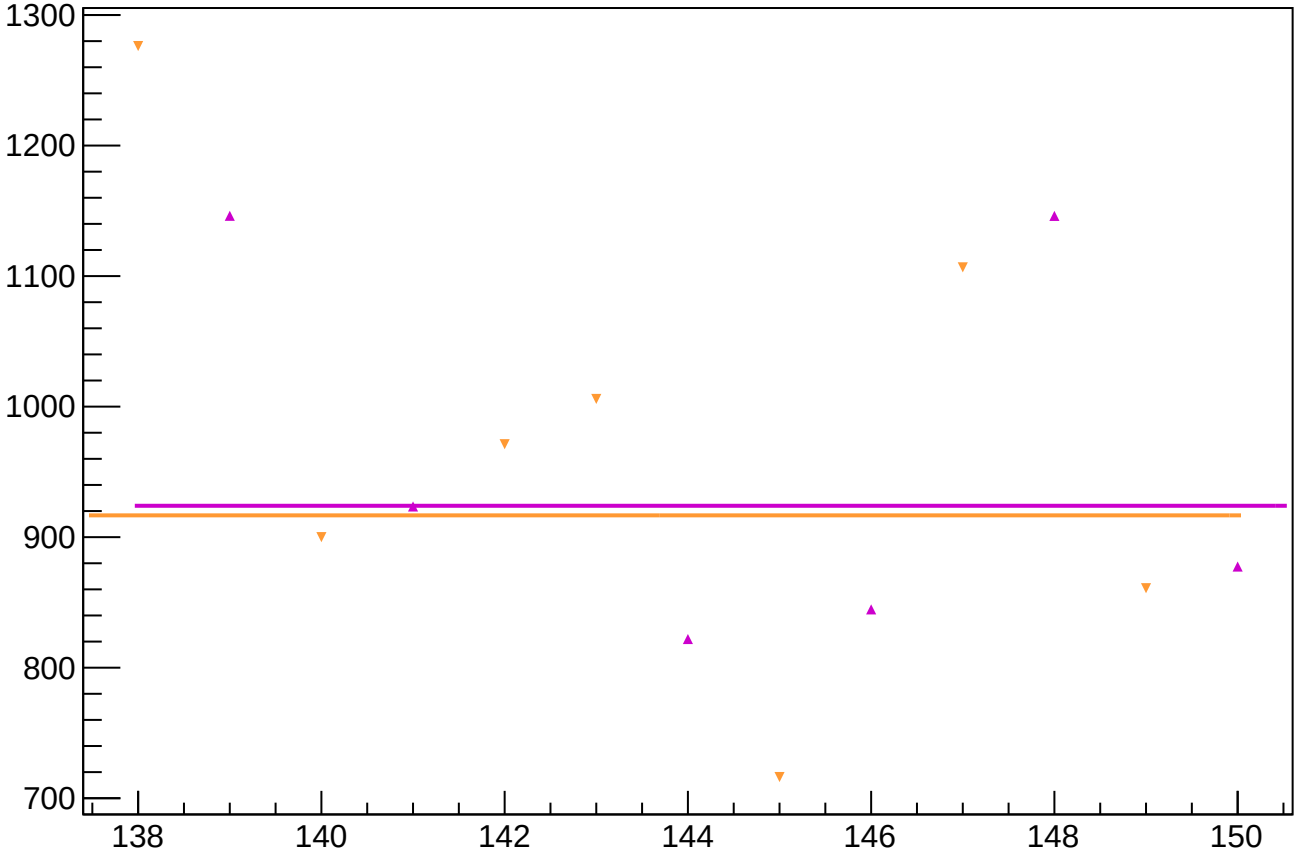
Left In: -847.834+/-419.430 χ^2/NDF:3.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1040.390+/-296.373 χ^2/NDF: 14.6/12

- 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: 916.700+/-0.296 χ^2/NDF:298049.1/6

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

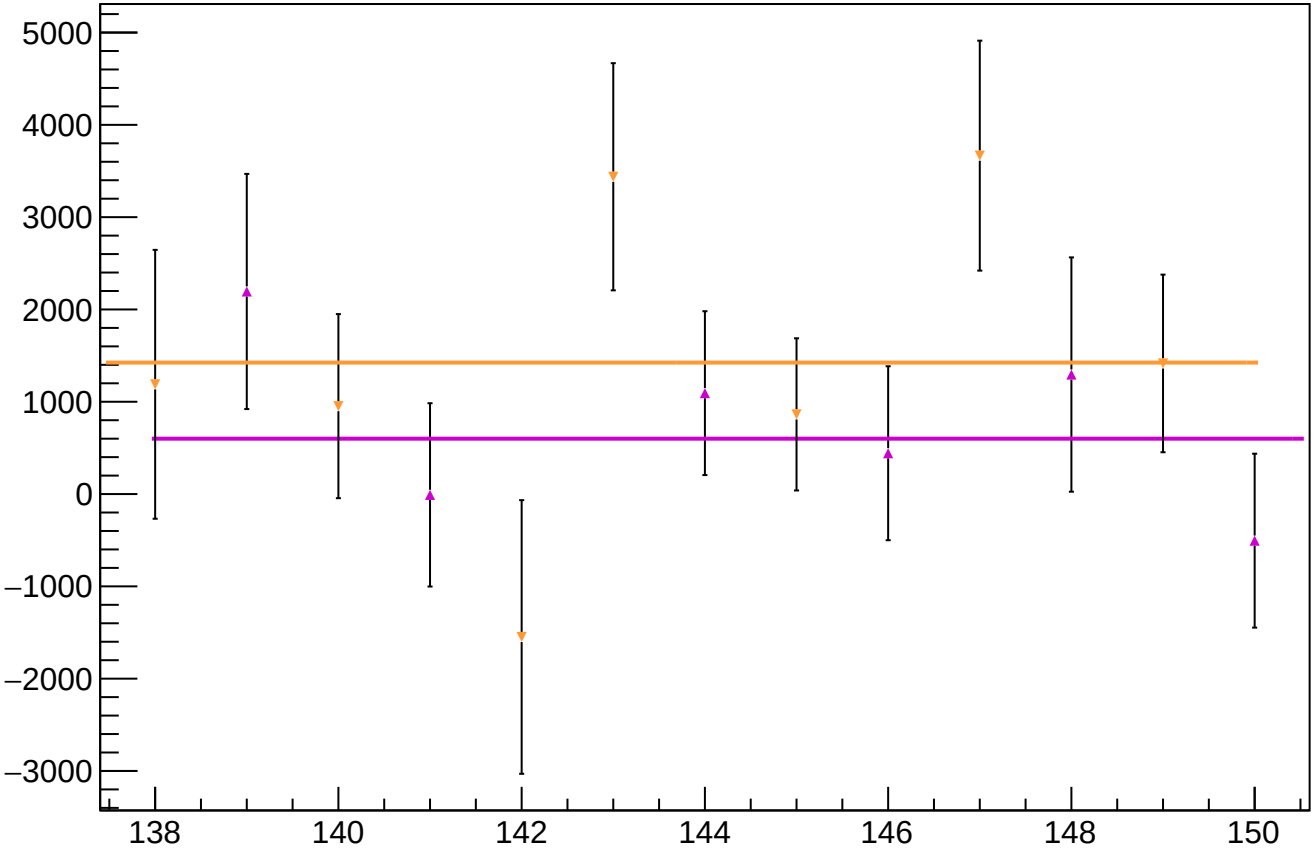
Left In: 924.043+/-0.297 χ^2/NDF:164296.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 920.367+/-0.210 χ^2/NDF: 462652.9/12

- 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: 1424.490+/-415.633 χ^2/NDF:10.7/6

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

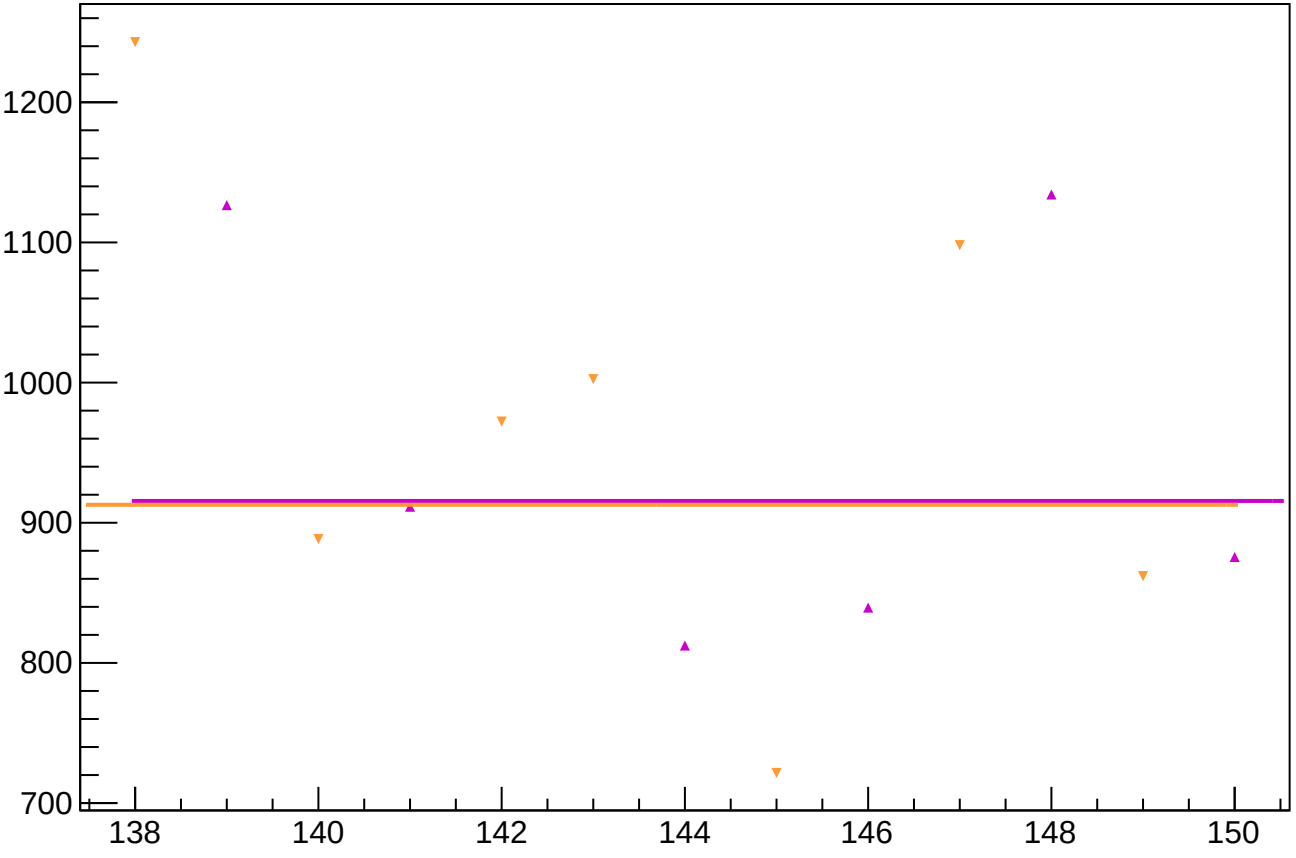
Left In: 600.059+/-416.207 χ^2/NDF:4.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1012.843+/-294.099 χ^2/NDF: 16.6/12

- 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: 912.828+/-0.294 χ^2/NDF:275319.1/6

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

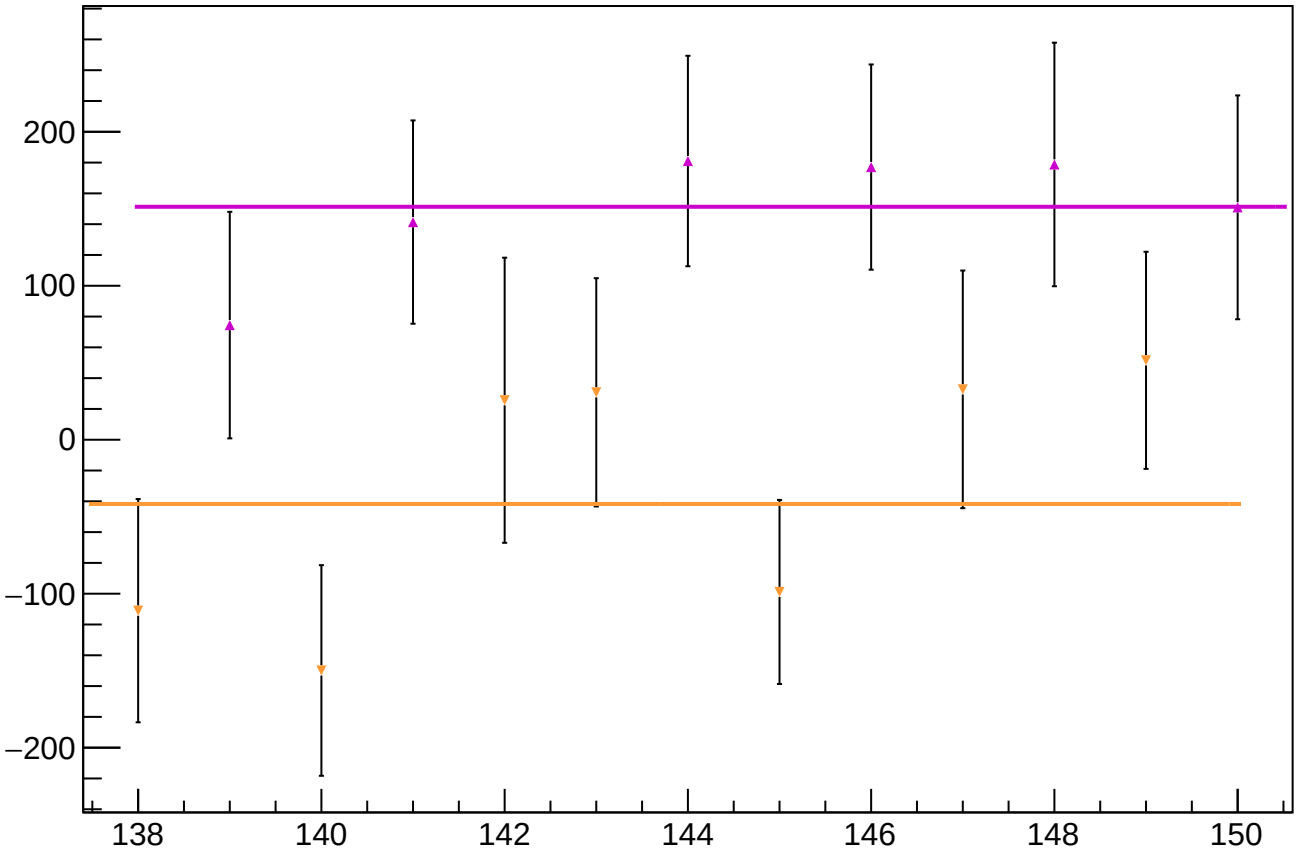
Left In: 915.568+/-0.294 χ^2/NDF:157940.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 914.196+/-0.208 χ^2/NDF: 433303.4/12

- 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: -41.706+/-27.201 χ^2/NDF:8.5/6

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

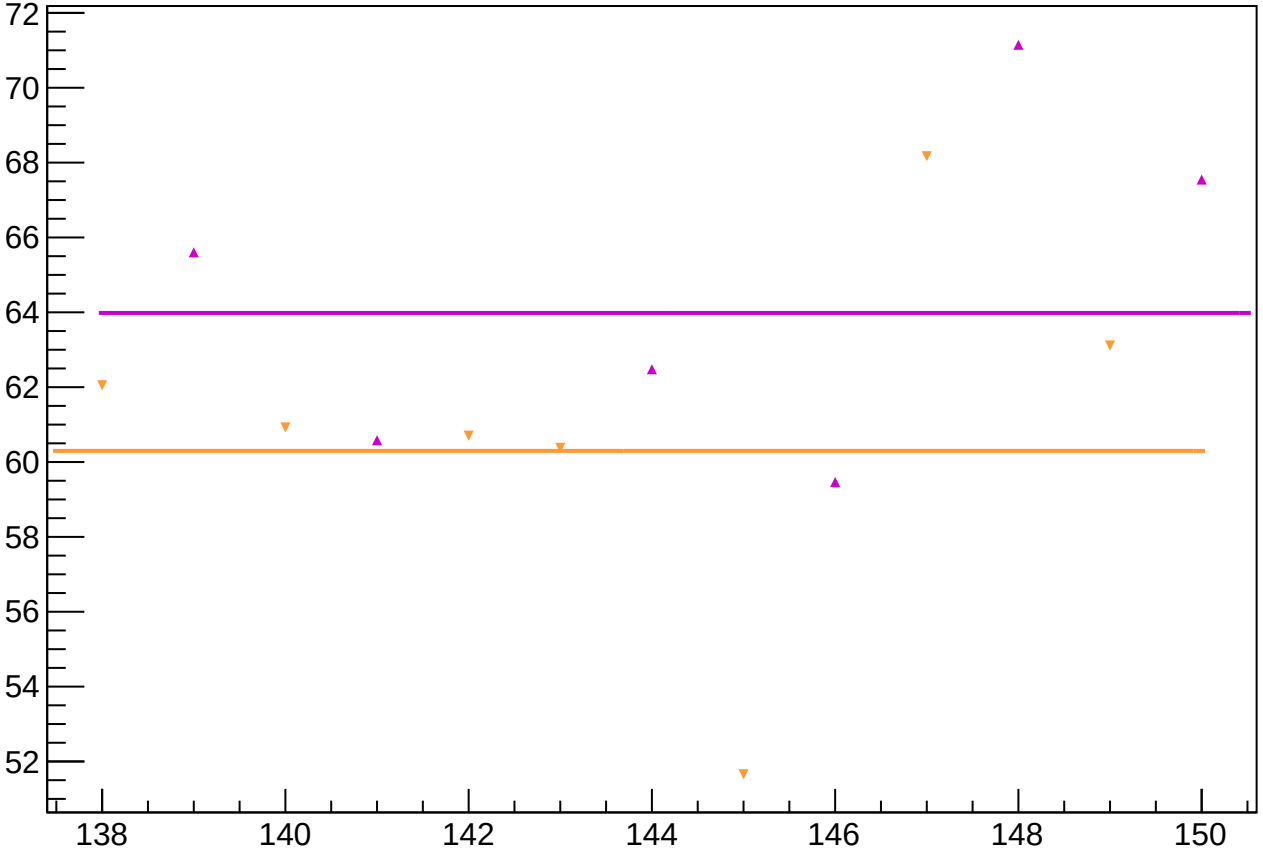
Left In: 151.308+/-28.838 χ^2/NDF:1.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 49.166+/-19.788 χ^2/NDF: 33.8/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 60.298+/-0.019 χ^2/NDF:67146.0/6

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

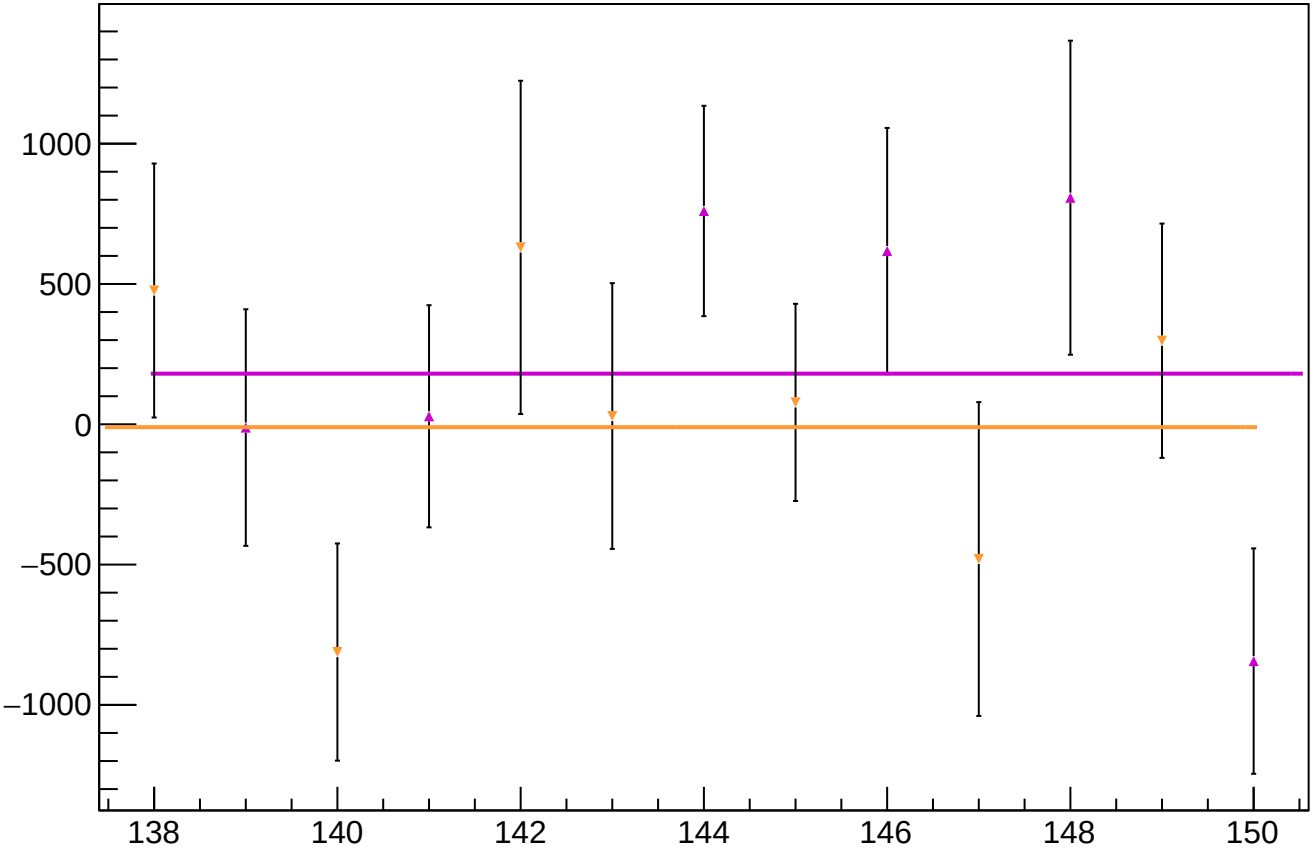
Left In: 63.984+/-0.020 χ^2/NDF:37648.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 62.033+/-0.014 χ^2/NDF: 122085.1/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -10.276+/-166.910 χ^2/NDF:7.9/6

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

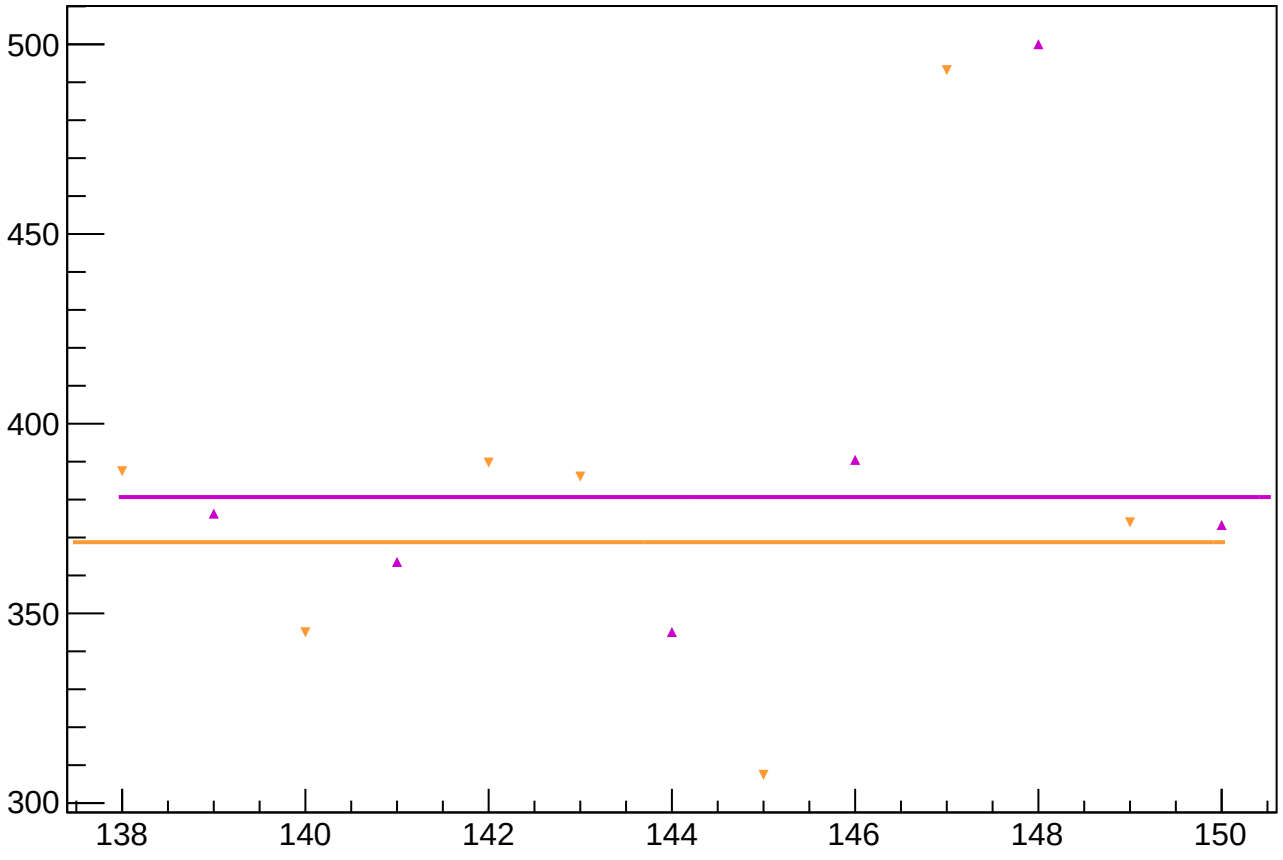
Left In: 180.404+/-172.223 χ^2/NDF:11.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 82.077+/-119.858 χ^2/NDF: 20.1/12

- 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: 368.769+/-0.118 χ^2/NDF:176368.9/6

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

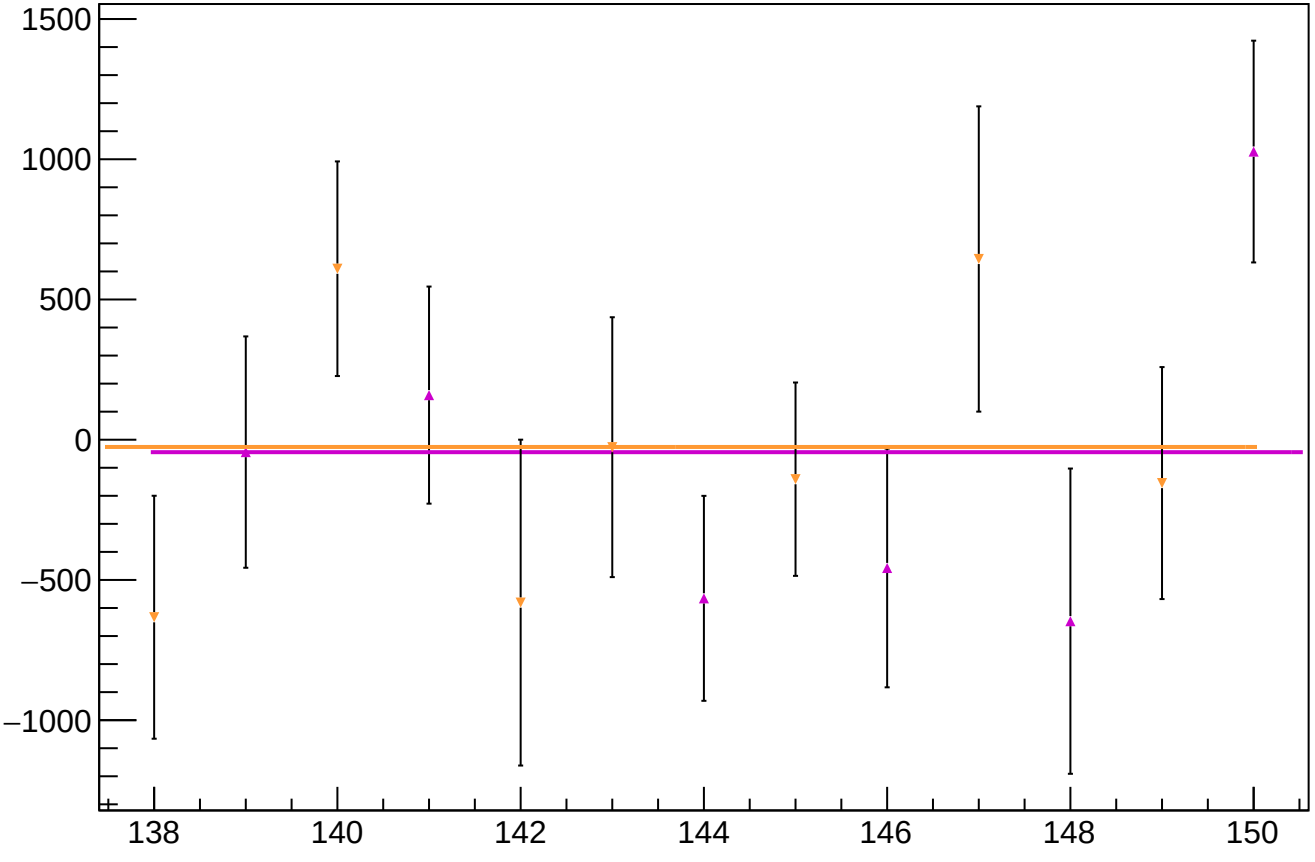
Left In: 380.662+/-0.122 χ^2/NDF:114636.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 374.529+/-0.085 χ^2/NDF: 295923.8/12

- 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: -25.840+/-163.474 χ^2/NDF:7.4/6

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

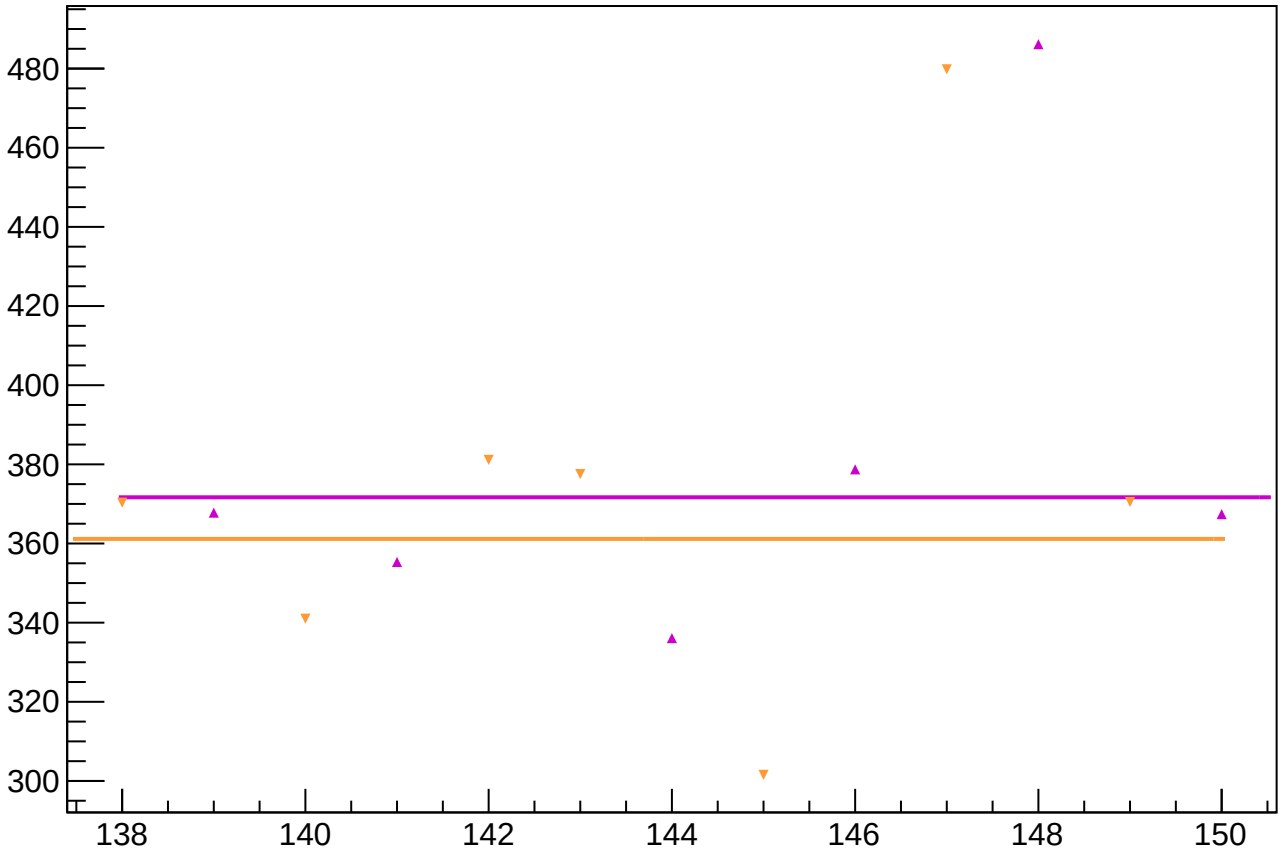
Left In: -44.430+/-168.216 χ^2/NDF:11.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -34.869+/-117.234 χ^2/NDF: 19.2/12

- 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: 361.162+/-0.116 χ^2/NDF:167206.2/6

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

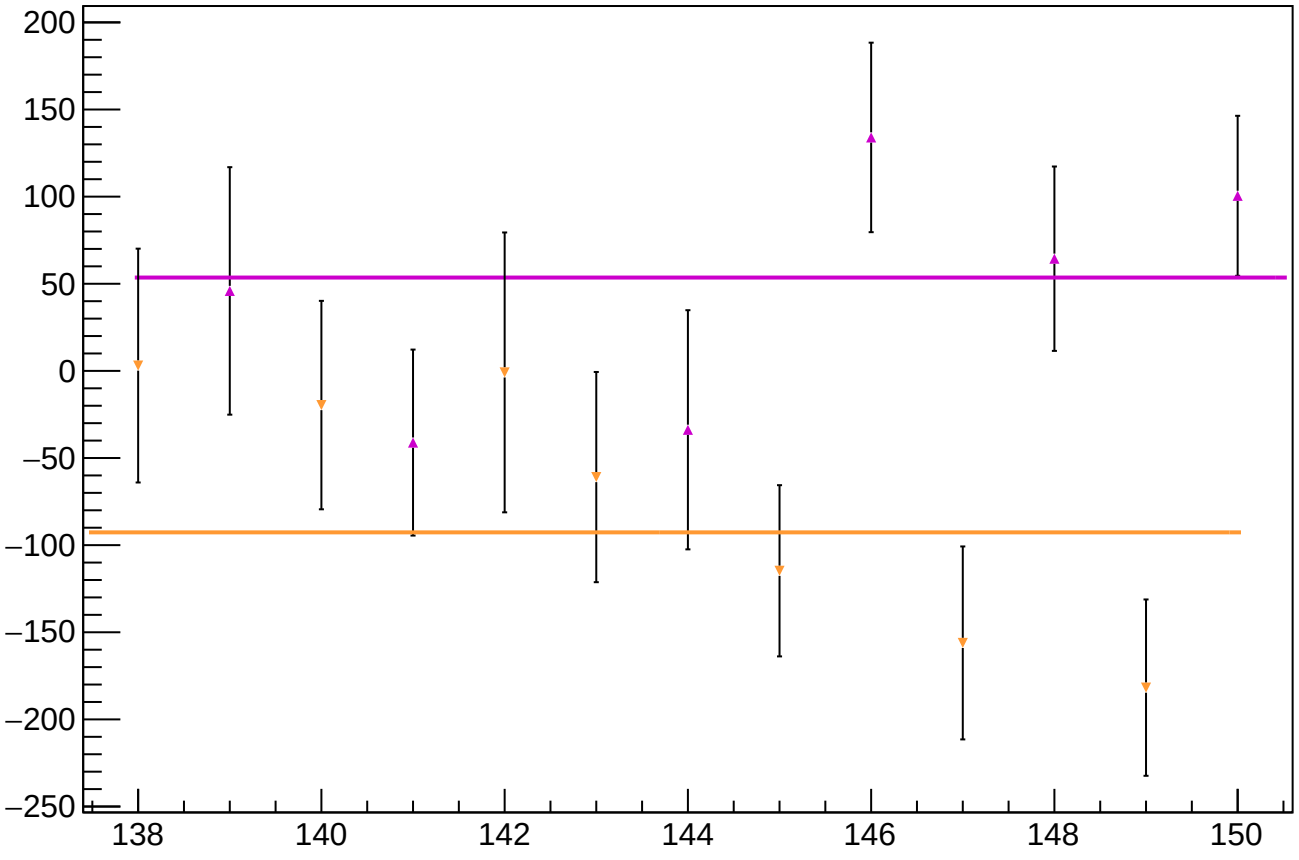
Left In: 371.674+/-0.119 χ^2/NDF:112010.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 366.268+/-0.083 χ^2/NDF: 283233.1/12

- 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: -92.667+/-22.019 χ^2/NDF:9.7/6

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

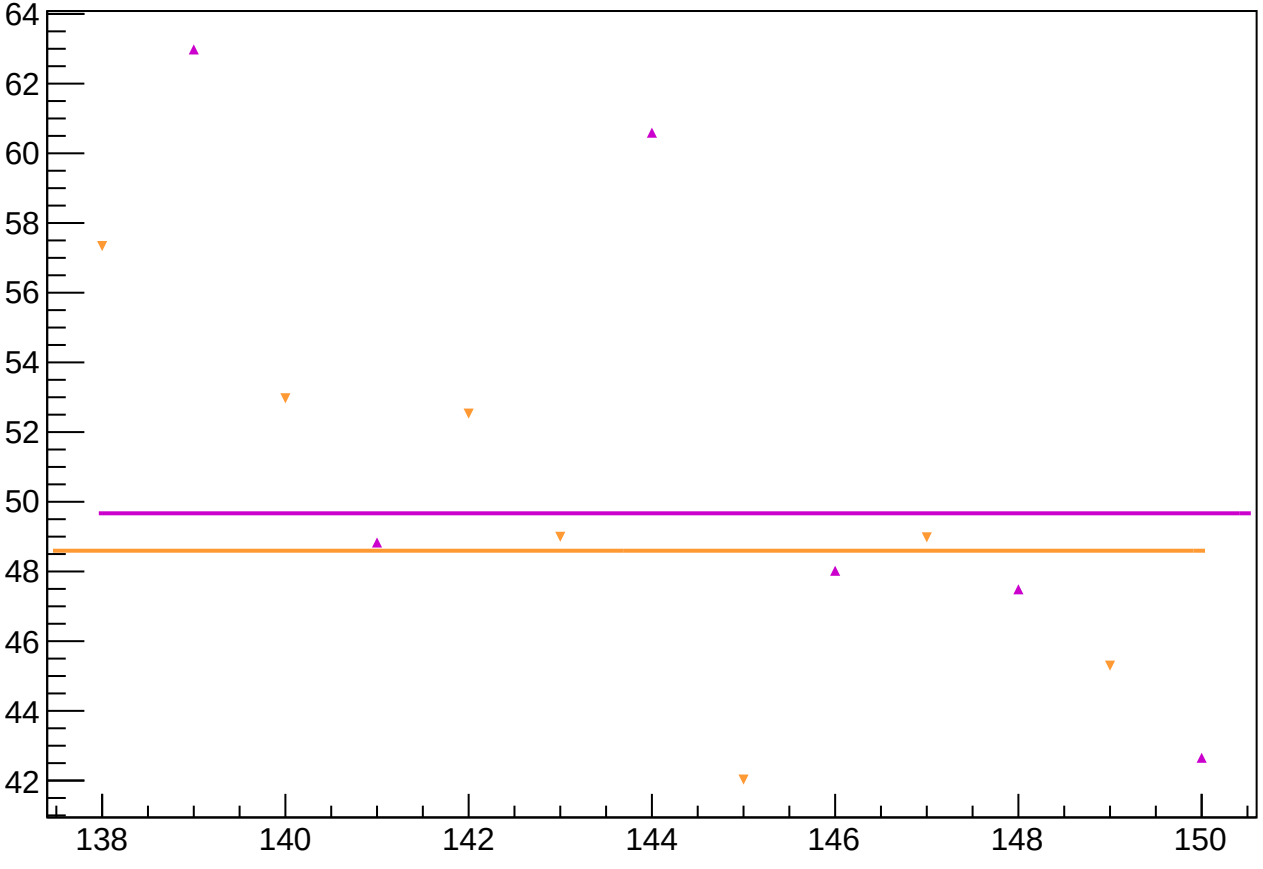
Left In: 53.564+/-22.753 χ^2/NDF:8.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.948+/-15.823 χ^2/NDF: 39.1/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 48.596+/-0.016 χ^2/NDF:93881.2/6

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

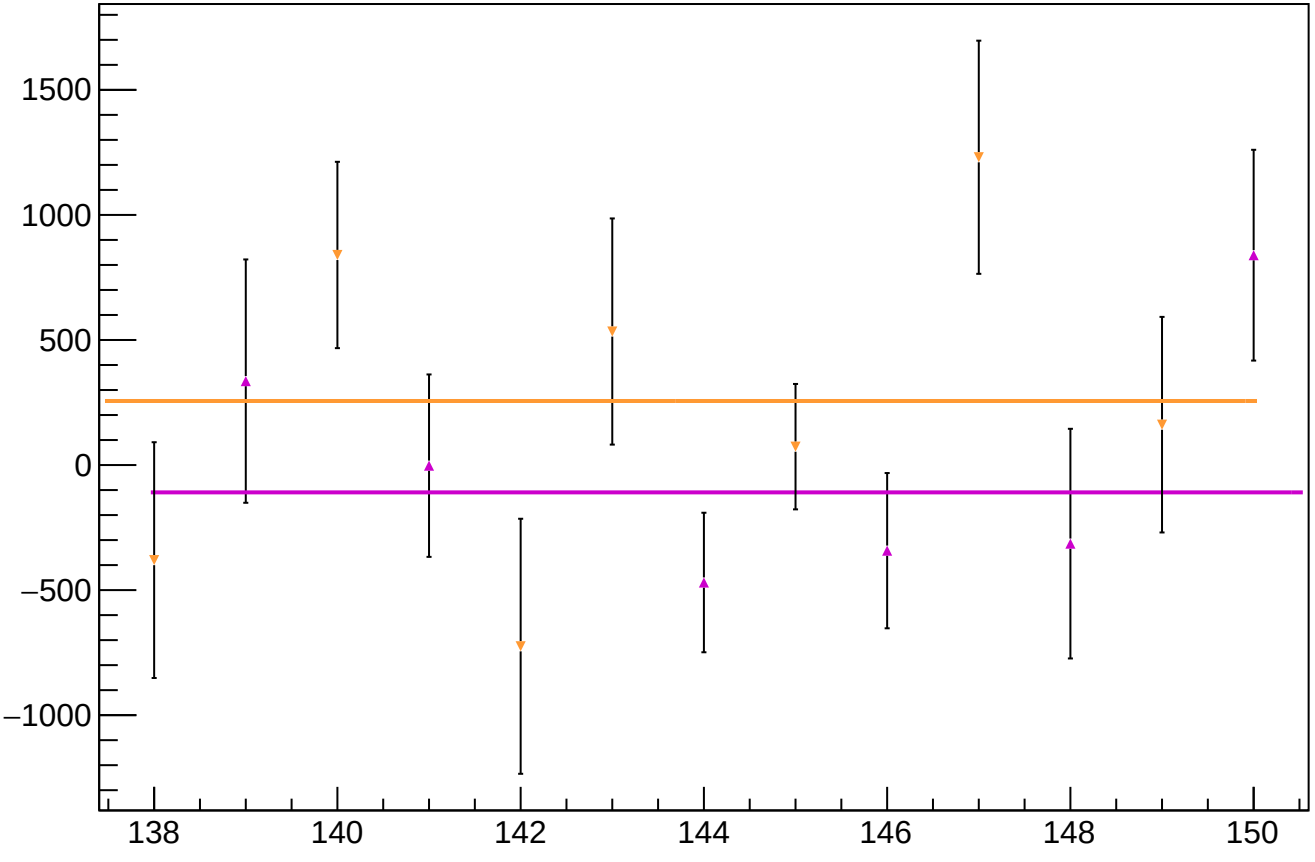
Left In: 49.670+/-0.016 χ^2/NDF:173373.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 49.115+/-0.011 χ^2/NDF: 269554.3/12

- 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: 256.094+/-146.890 χ^2/NDF:13.3/6

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

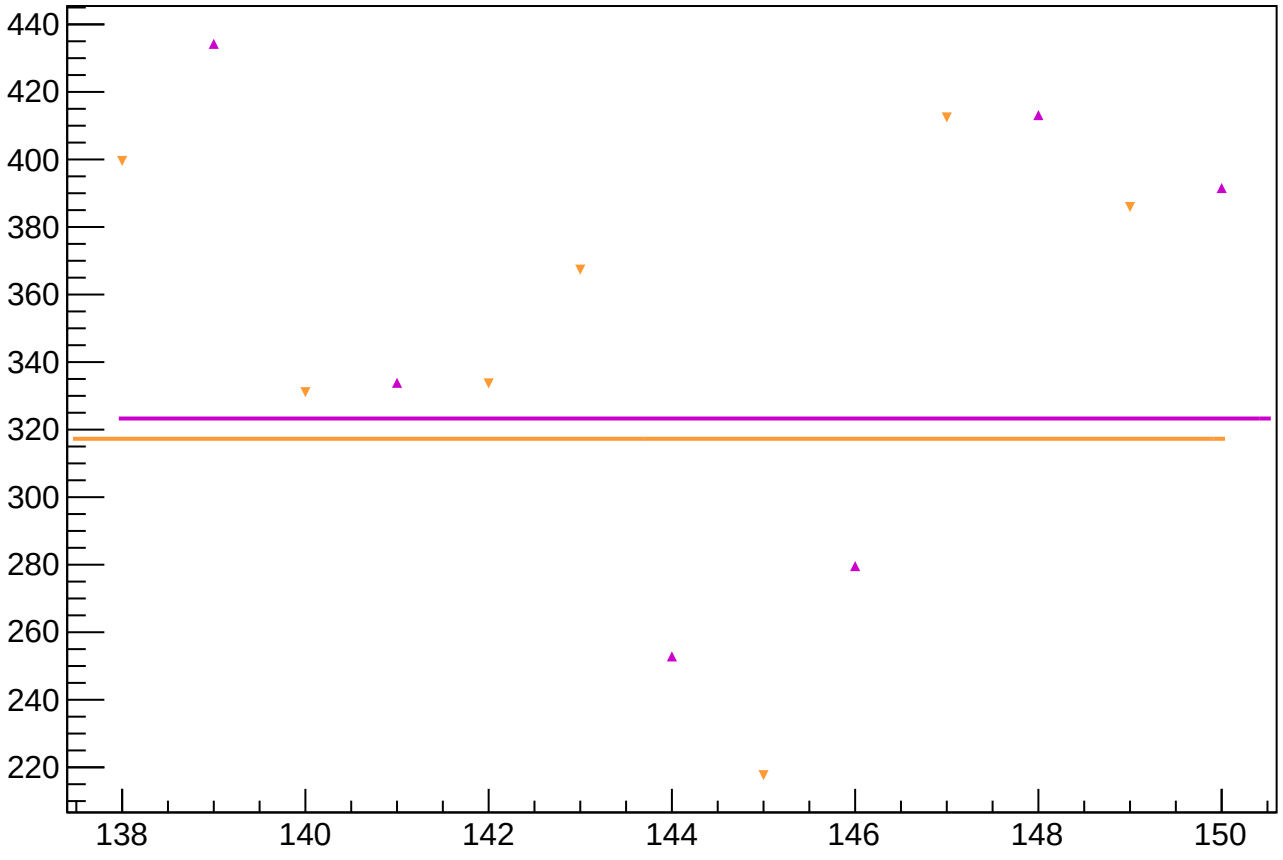
Left In: -109.277+/-148.489 χ^2/NDF:8.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 75.386+/-104.428 χ^2/NDF: 24.8/12

- 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: 317.290+/-0.104 χ^2/NDF:540176.1/6

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

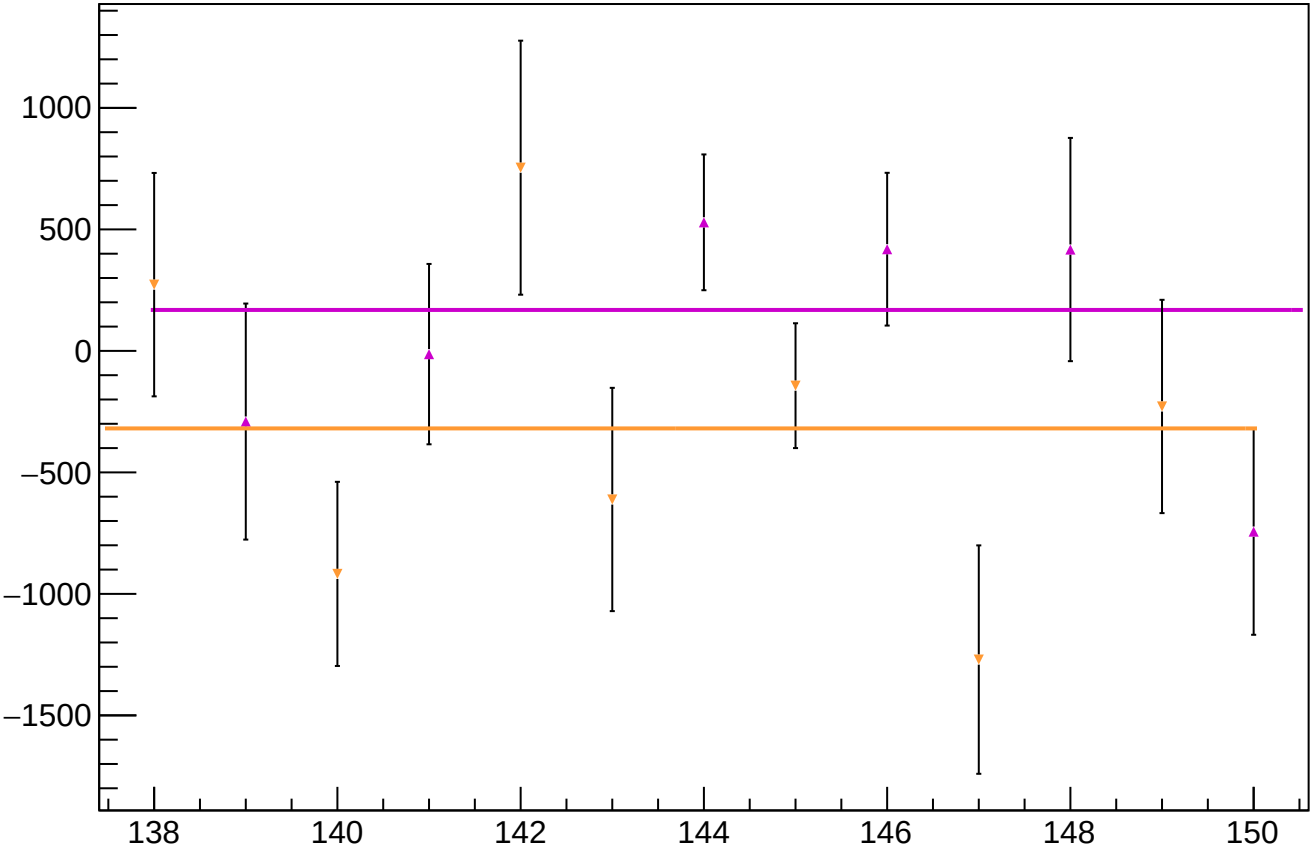
Left In: 323.289+/-0.105 χ^2/NDF:402038.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 320.257+/-0.074 χ^2/NDF: 943864.4/12

- 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: -319.038+/-149.125 χ^2/NDF:13.4/6

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

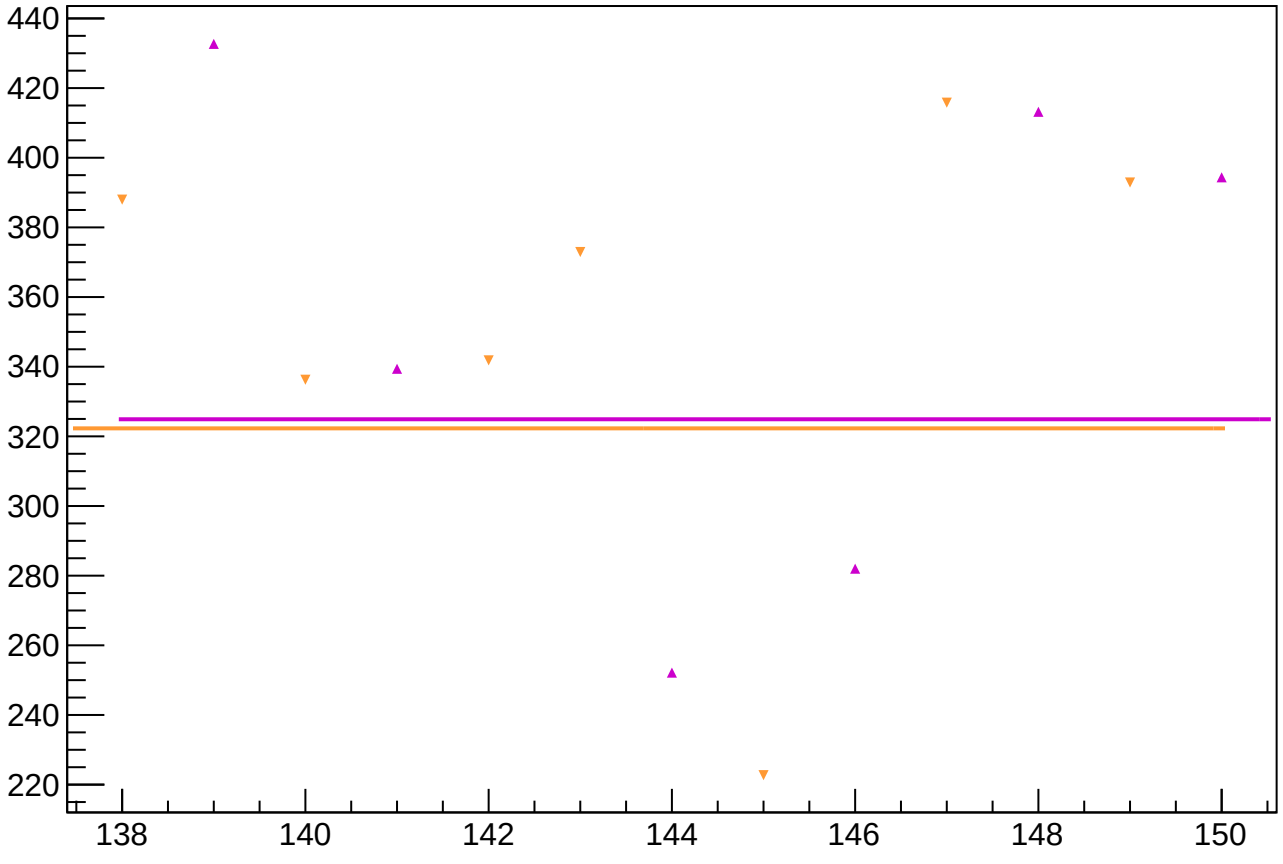
Left In: 168.533+/-149.550 χ^2/NDF:8.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -75.946+/-105.597 χ^2/NDF: 27.1/12

- 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: 322.294+/-0.105 χ^2/NDF:502113.9/6

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

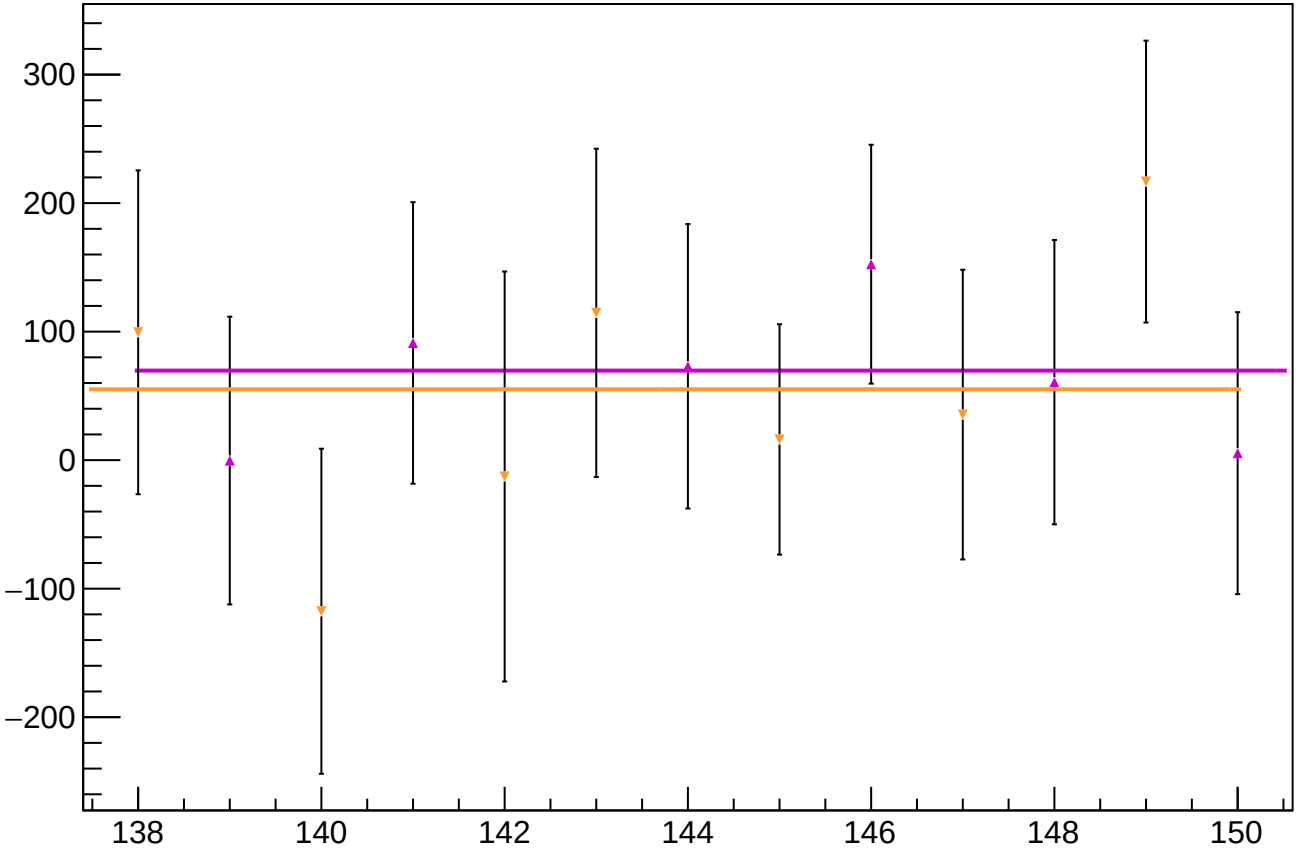
Left In: 324.907+/-0.106 χ^2/NDF:401782.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 323.597+/-0.075 χ^2/NDF: 904203.0/12

- 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: 55.139+/-44.175 χ^2/NDF:4.8/6

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

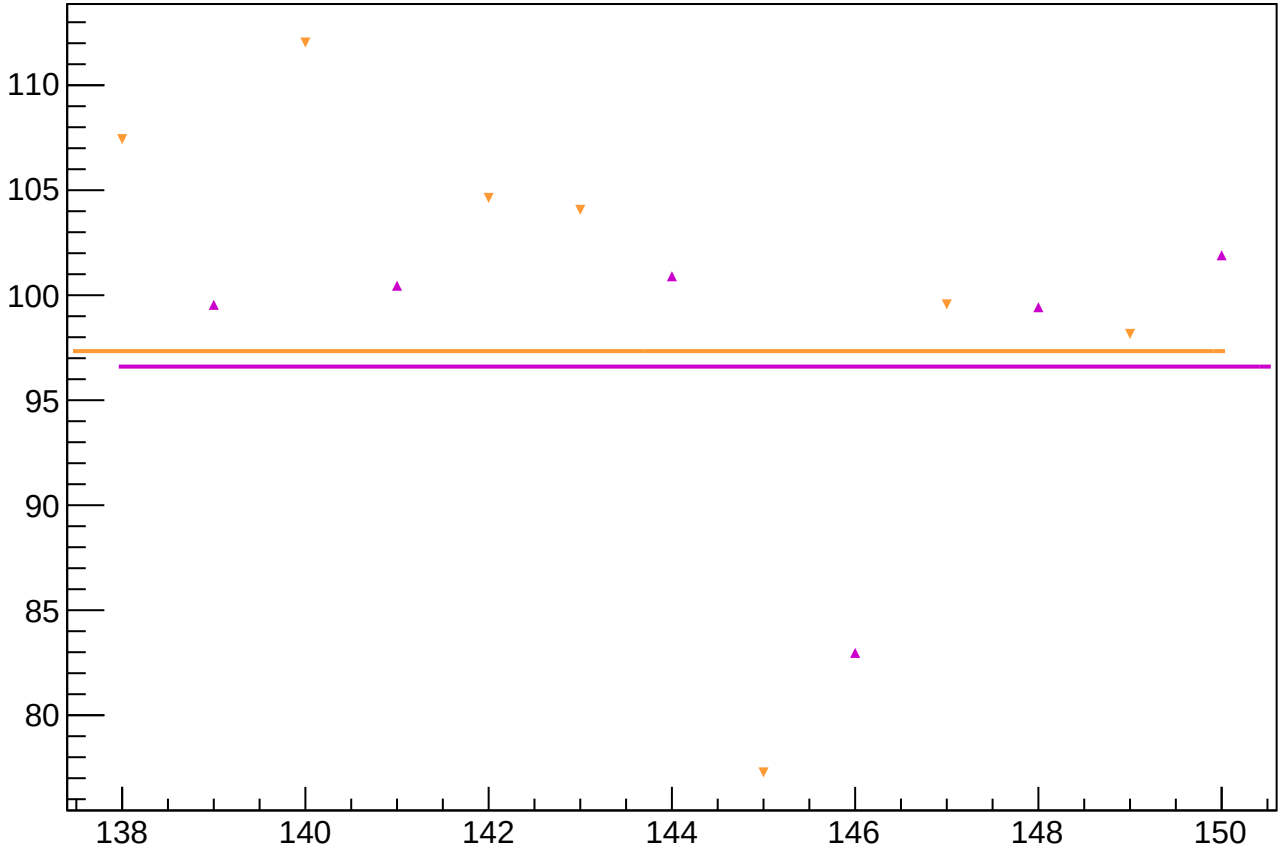
Left In: 69.679+/-43.629 χ^2/NDF:1.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 62.499+/-31.041 χ^2/NDF: 6.4/12

- 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: 97.337+/-0.031 χ^2/NDF:150677.0/6

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

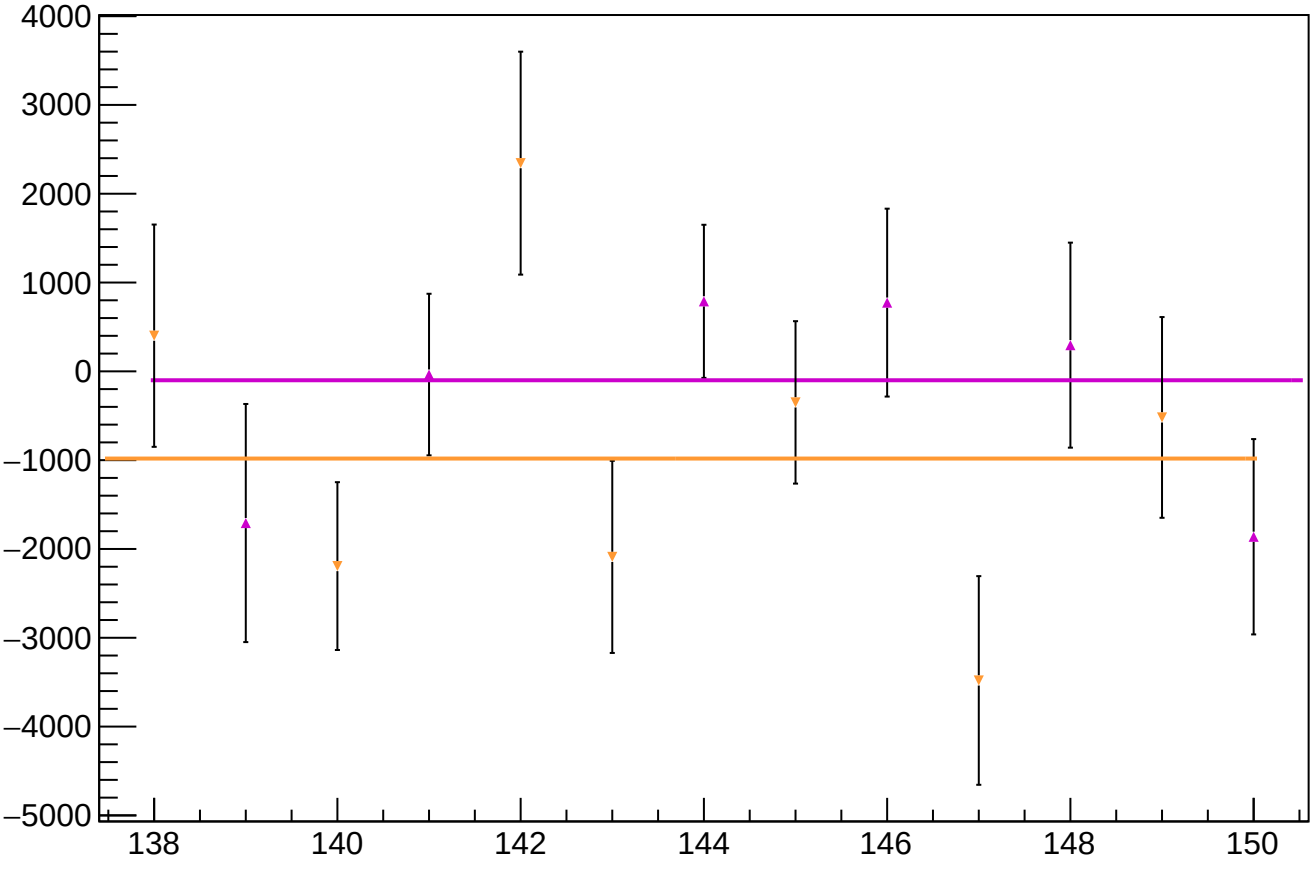
Left In: 96.601+/-0.031 χ^2/NDF:55903.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 96.964+/-0.022 χ^2/NDF: 206861.6/12

- 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: -981.951+/-409.918 χ^2/NDF:16.1/6

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

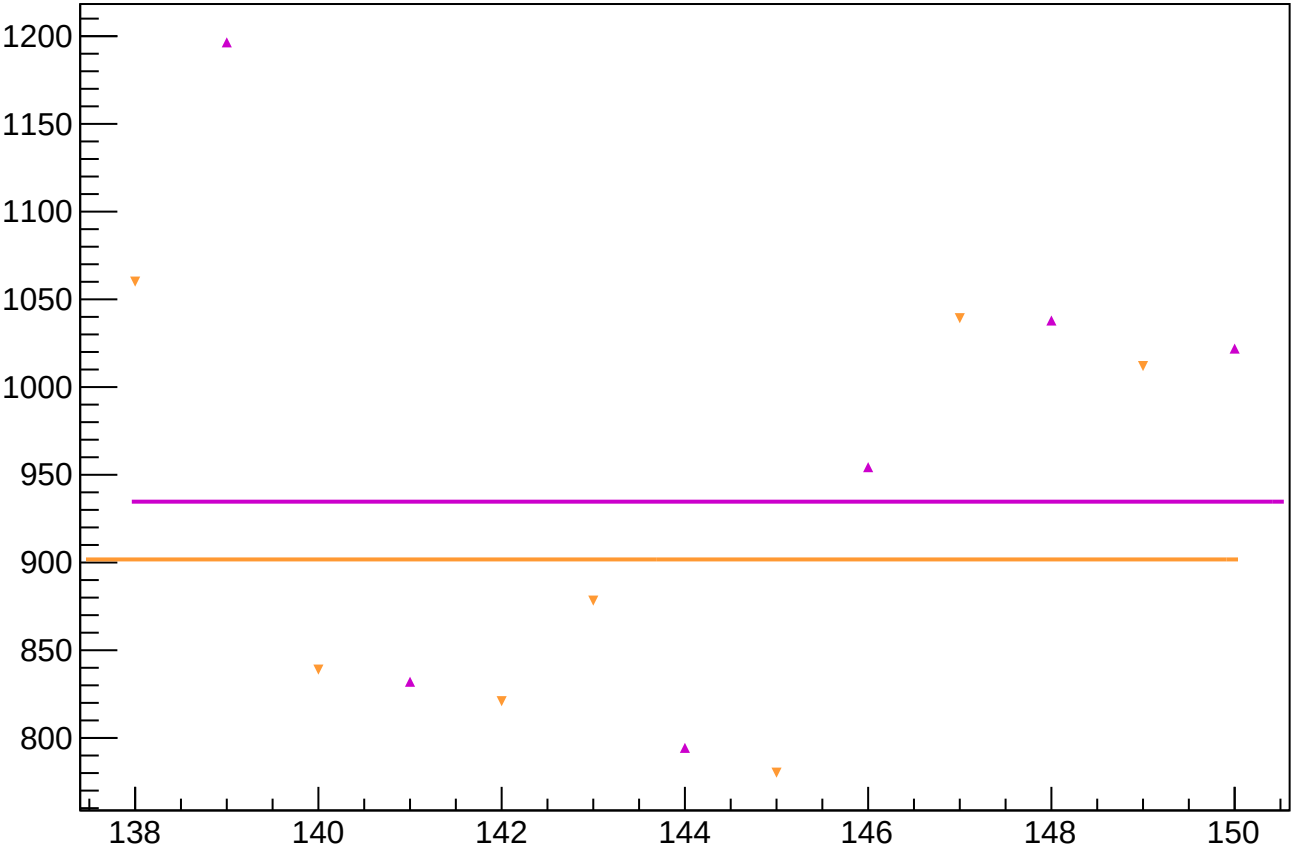
Left In: -100.298+/-423.257 χ^2/NDF:5.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -555.237+/-294.459 χ^2/NDF: 24.2/12

- 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: 901.756+/-0.290 χ^2/NDF:131823.7/6

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

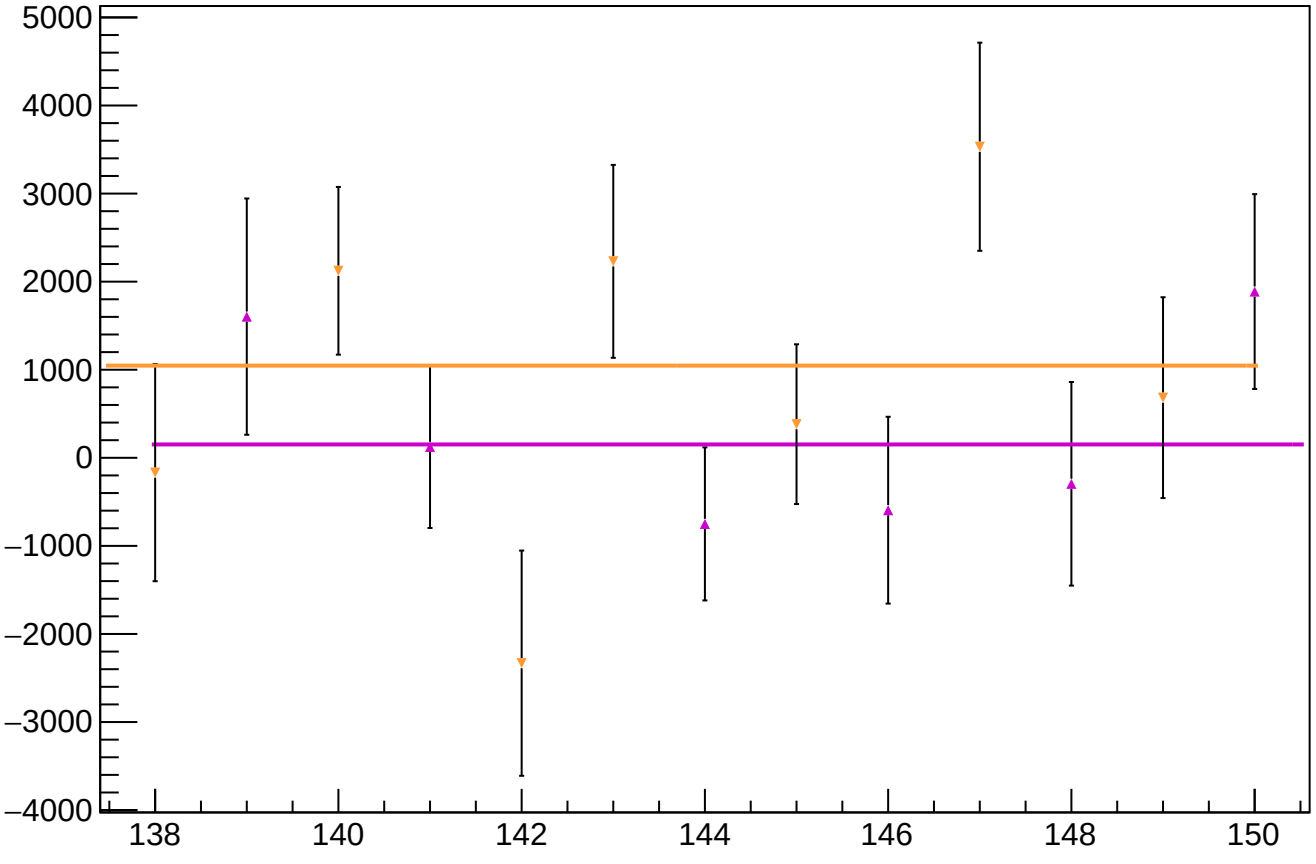
Left In: 934.684+/-0.299 χ^2/NDF:184027.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 917.693+/-0.208 χ^2/NDF: 322097.0/12

- 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: 1046.655+/-411.407 χ^2/NDF:15.5/6

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

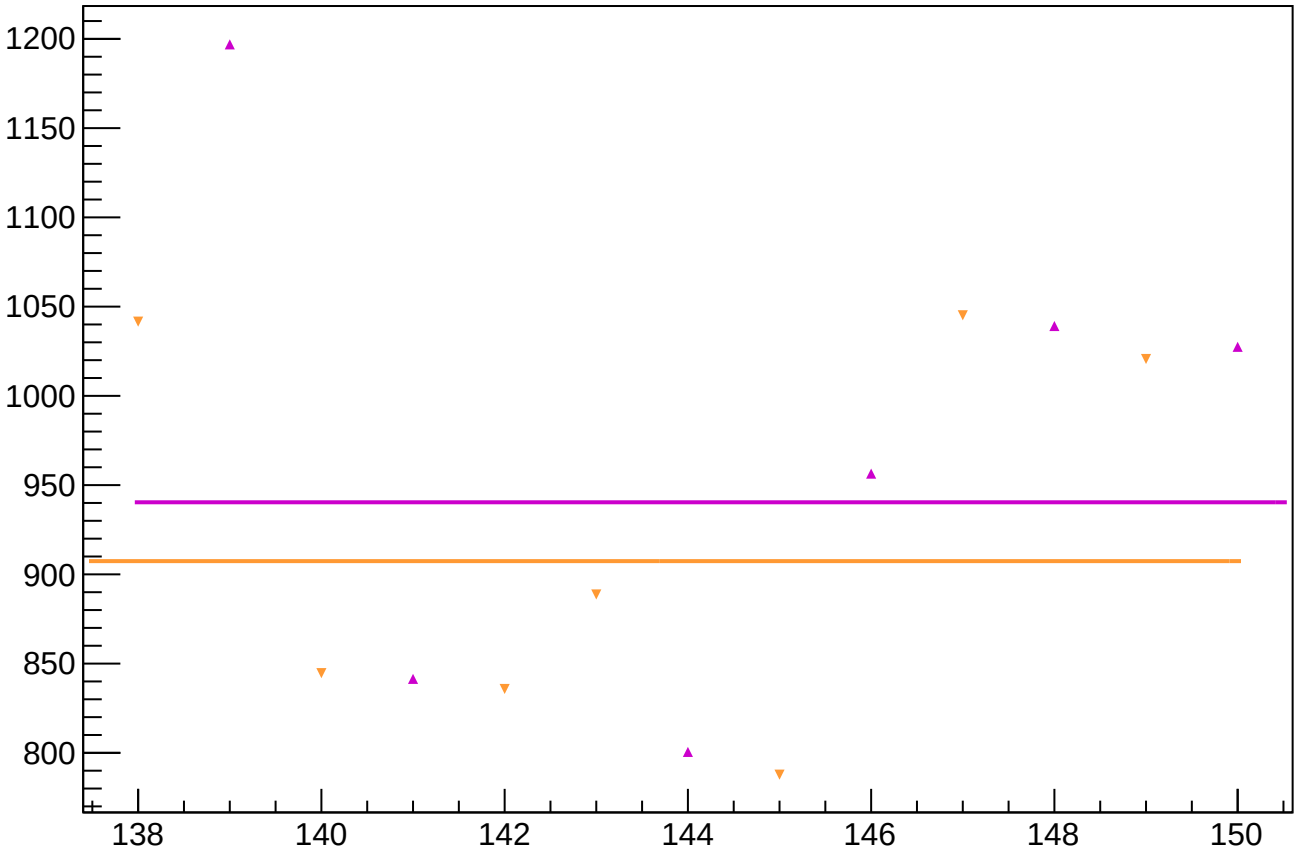
Left In: 151.681+/-425.783 χ^2/NDF:5.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 614.532+/-295.860 χ^2/NDF: 23.1/12

- 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: 907.411+/-0.291 χ^2/NDF:120954.9/6

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

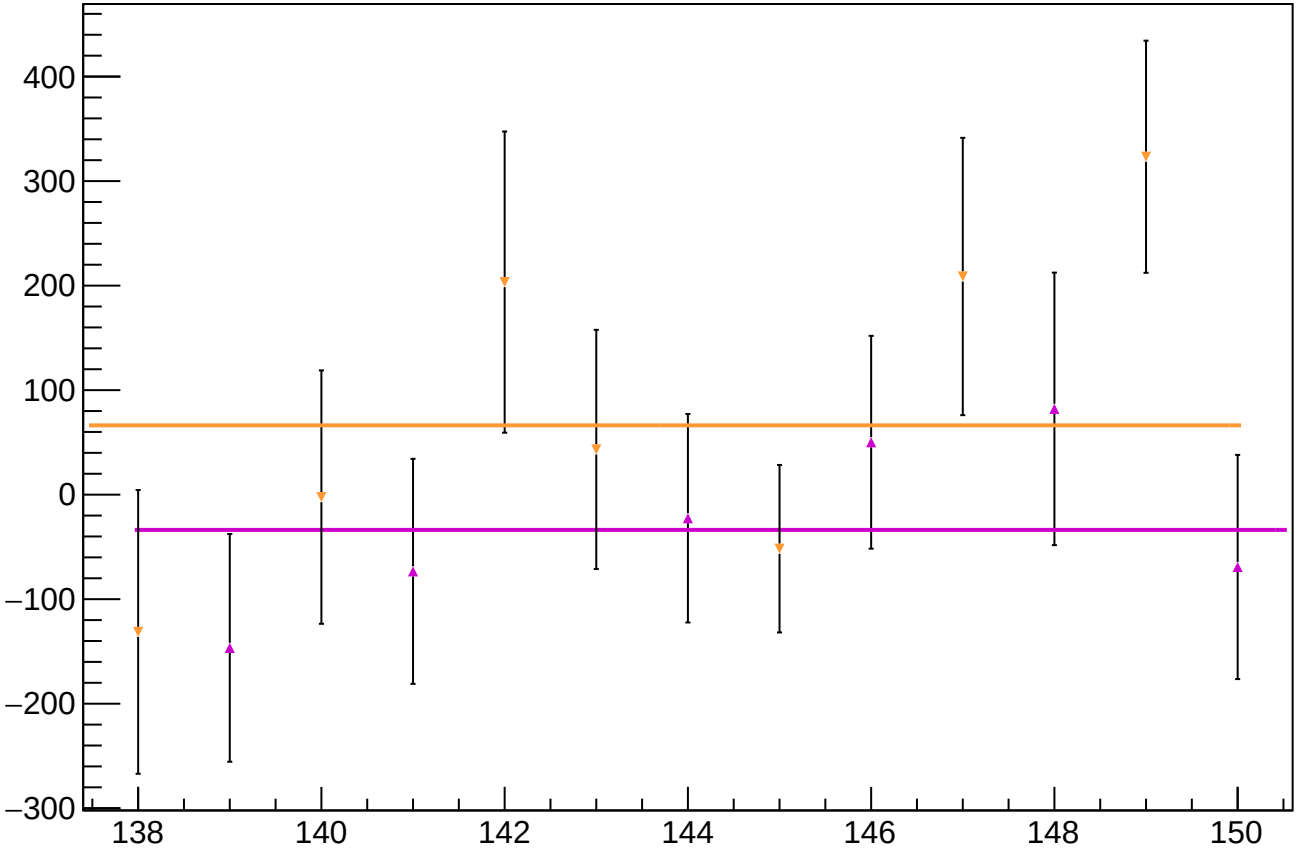
Left In: 940.377+/-0.301 χ^2/NDF:175550.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 923.328+/-0.209 χ^2/NDF: 302705.9/12

- 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: 66.307+/-43.013 χ^2/NDF:12.1/6

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

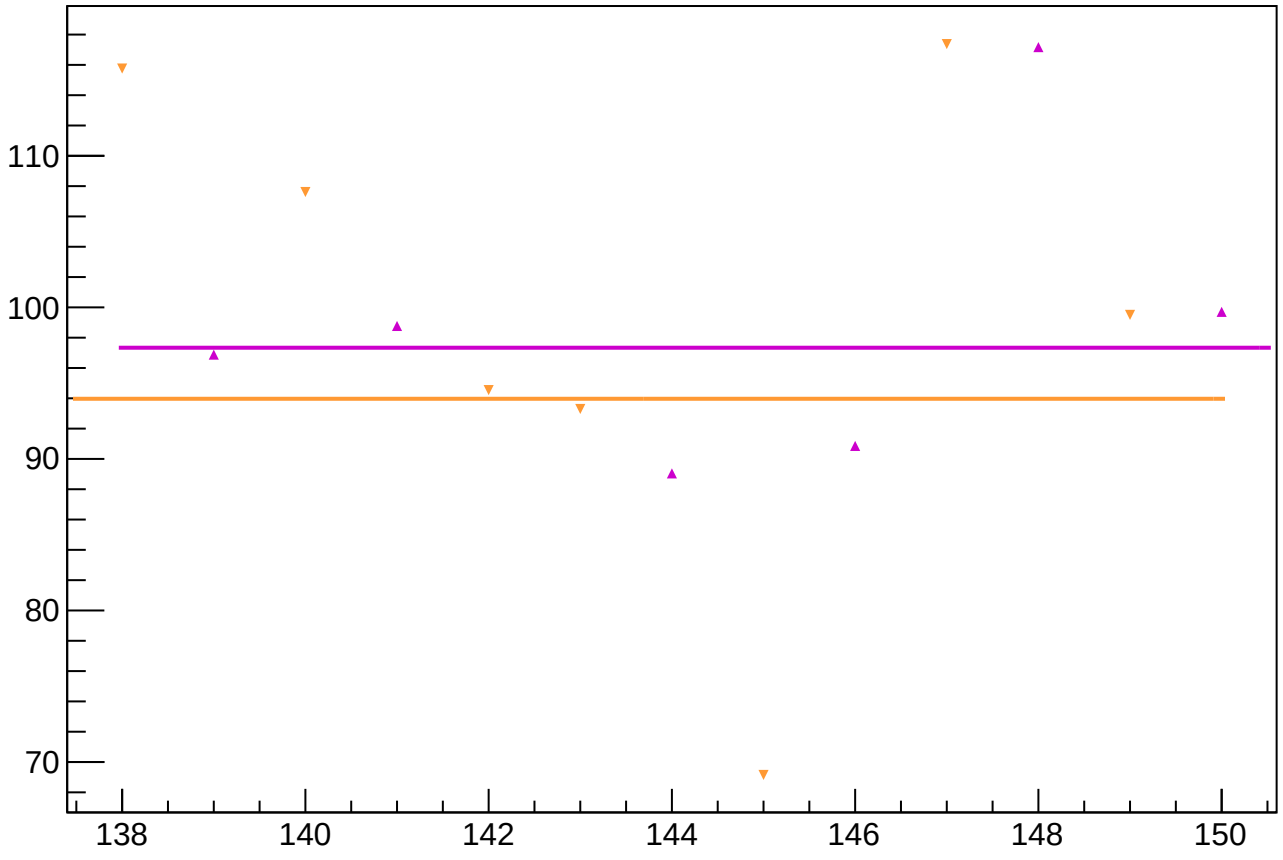
Left In: -33.704+/-44.136 χ^2/NDF:2.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 17.590+/-30.804 χ^2/NDF: 17.5/12

- 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: 93.969+/-0.030 χ^2/NDF:336079.7/6

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

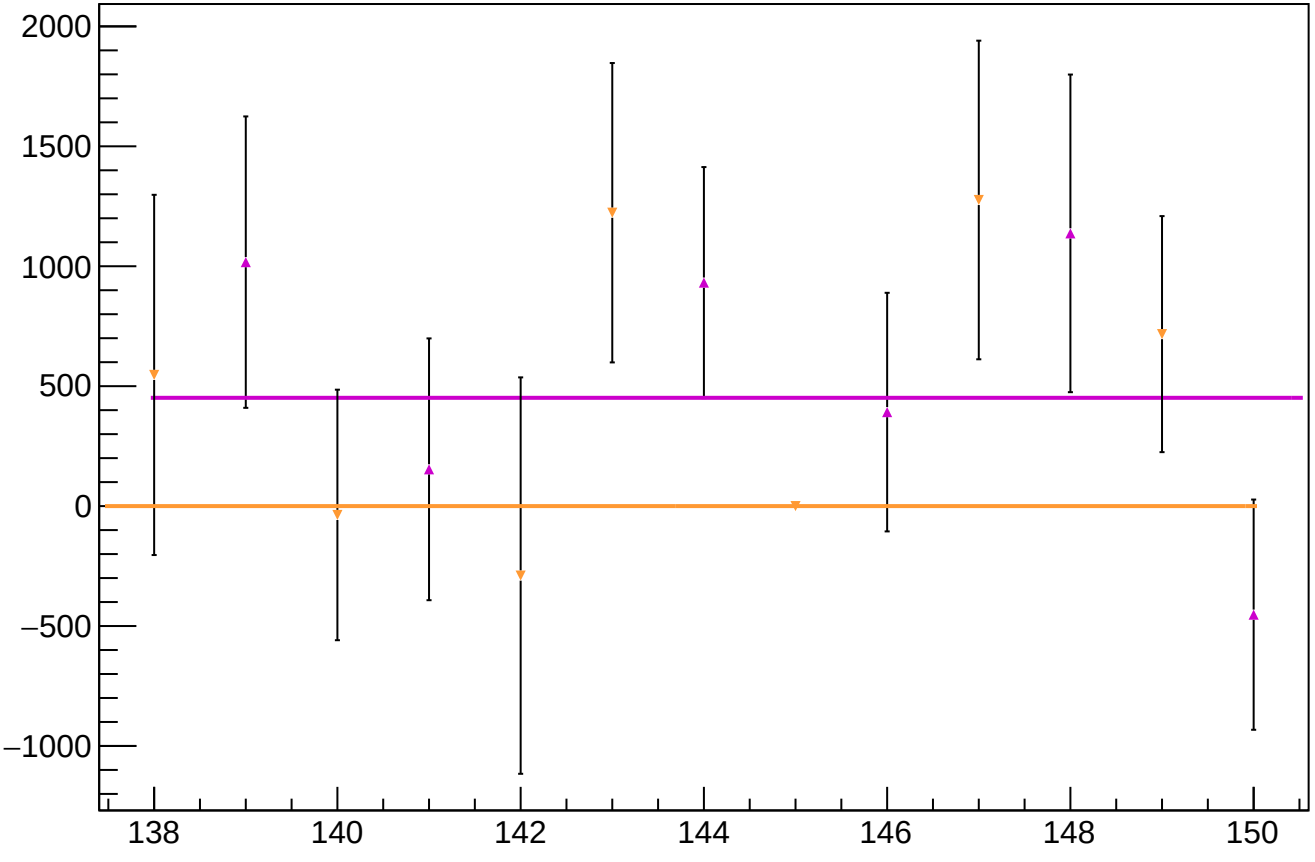
Left In: 97.337+/-0.031 χ^2/NDF:69583.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 95.610+/-0.022 χ^2/NDF: 411637.4/12

- 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:10.3/6

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

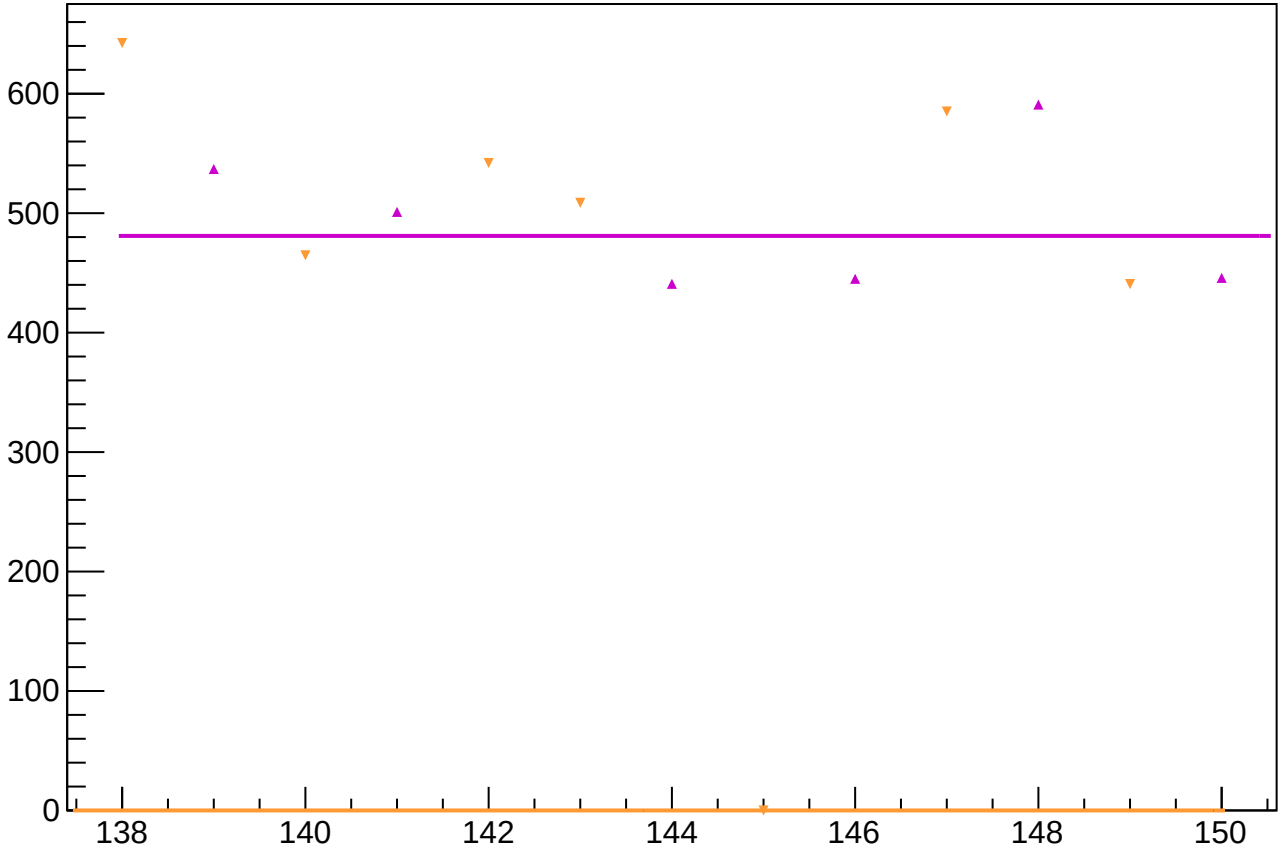
Left In: 451.477+/-217.994 χ^2/NDF:6.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.000+/-0.000 χ^2/NDF: 21.4/12

- 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:8392573.9/6

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

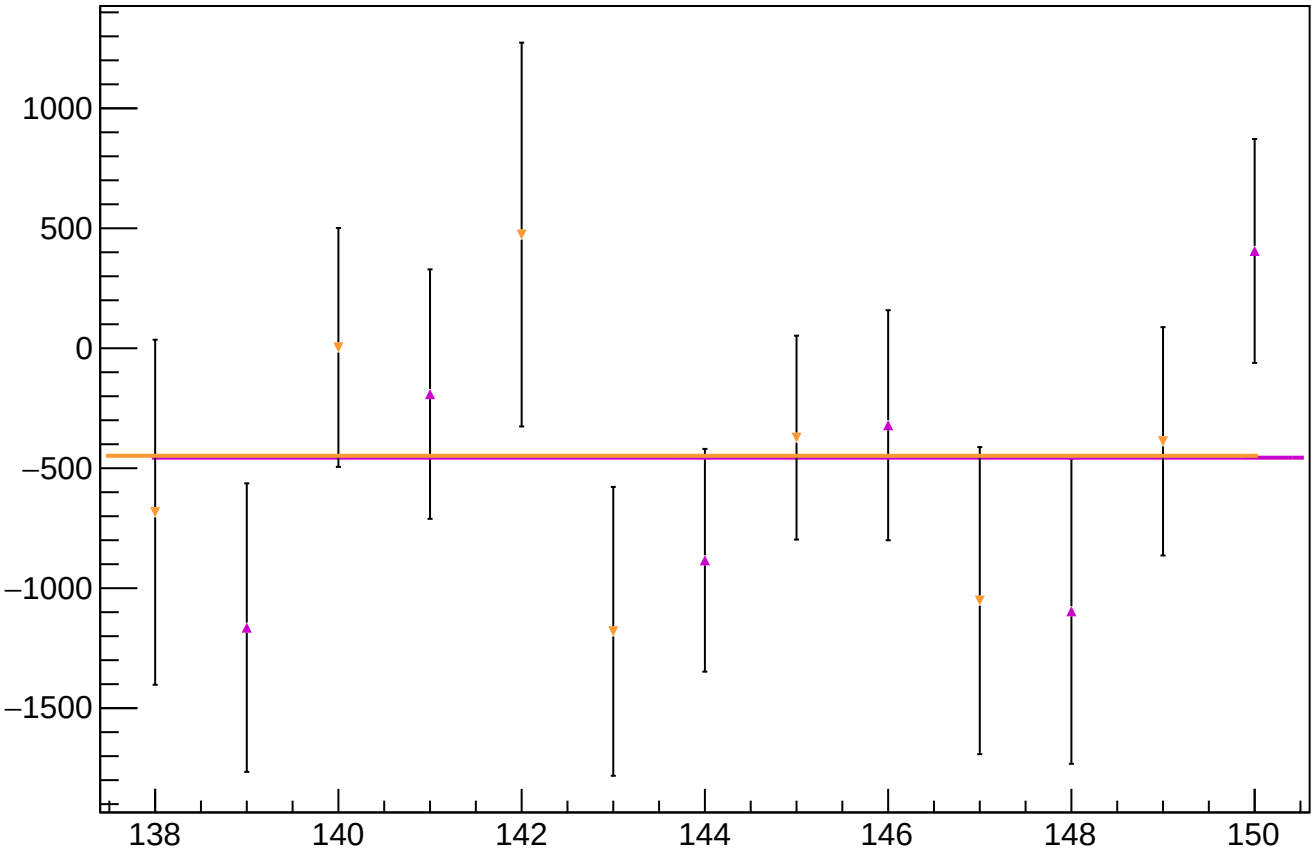
Left In: 480.972+/-0.154 χ^2/NDF:109869.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 18238448.6/12

- 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: -448.117+/-209.934 χ^2/NDF:4.7/6

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

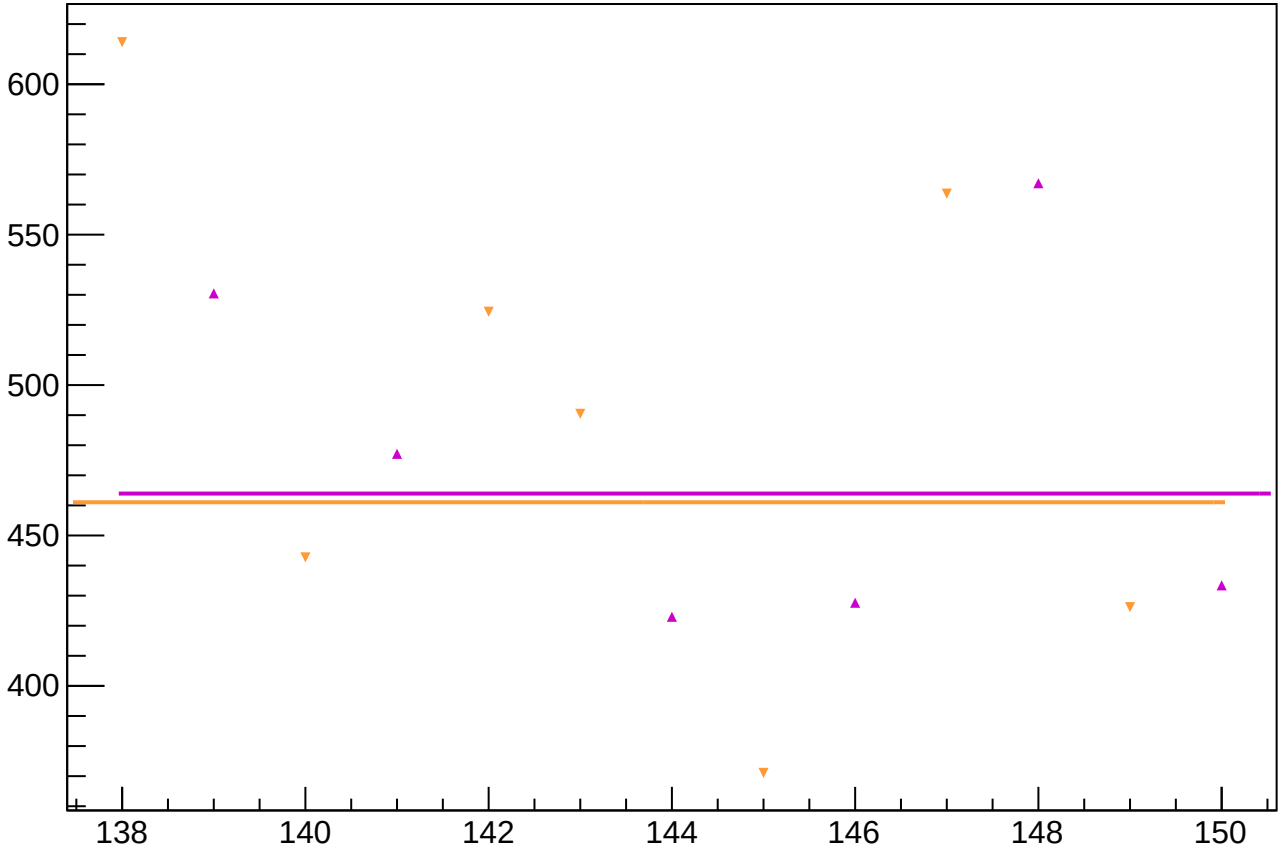
Left In: -456.105+/-210.707 χ^2/NDF:7.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -452.096+/-148.718 χ^2/NDF: 11.7/12

- 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: 461.049+/-0.148 χ^2/NDF:262306.5/6

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

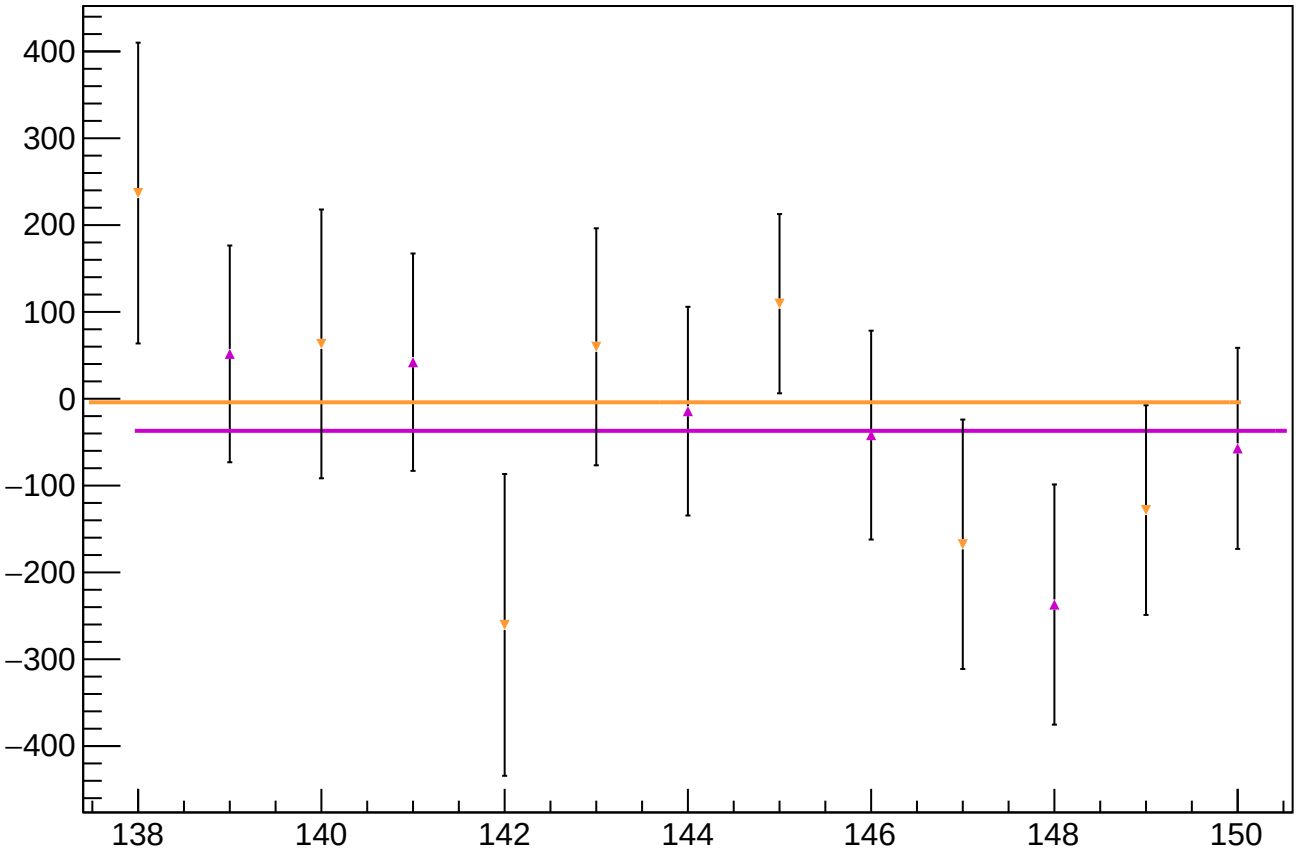
Left In: 463.937+/-0.149 χ^2/NDF:114011.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 462.487+/-0.105 χ^2/NDF: 376506.7/12

- 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: -4.089+/-51.789 χ^2/NDF:8.1/6

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

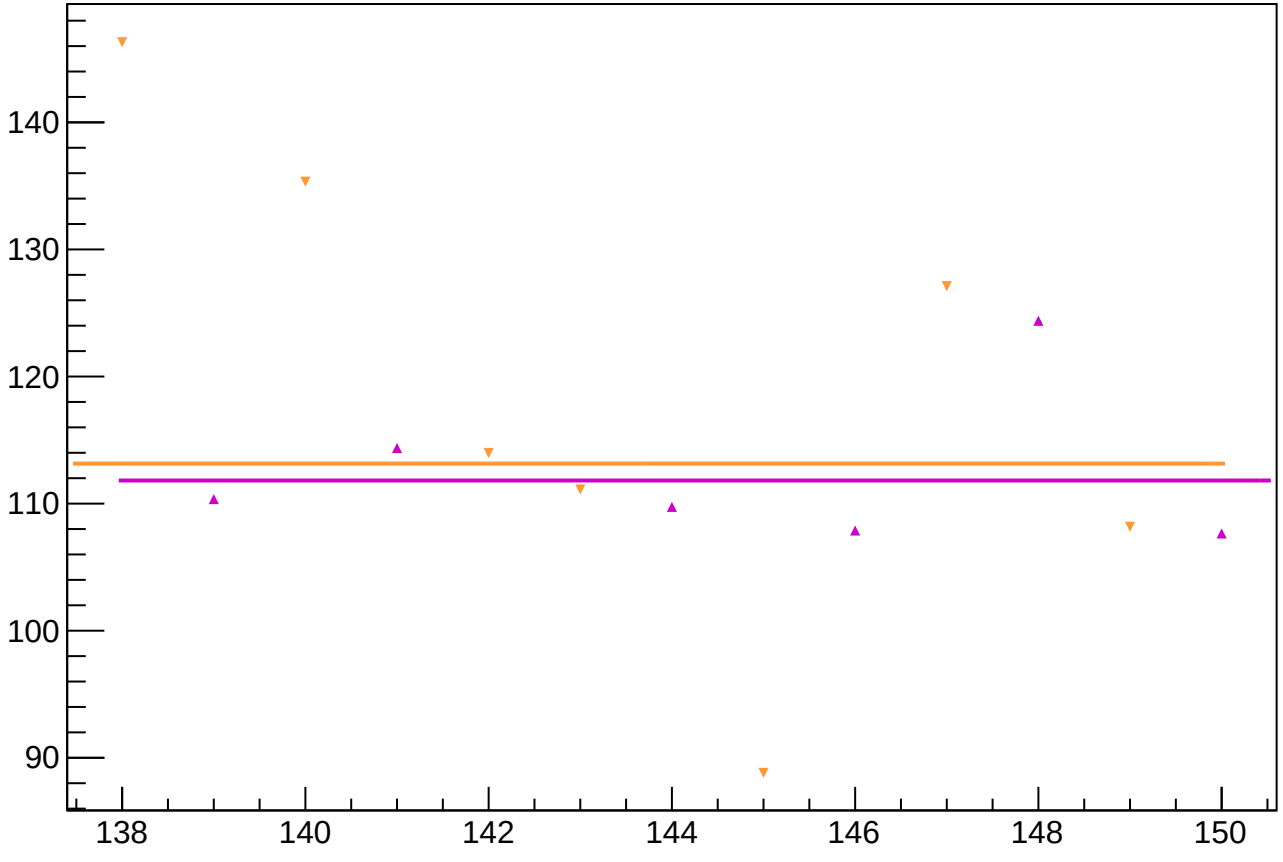
Left In: -36.947+/-50.426 χ^2/NDF:3.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.956+/-36.129 χ^2/NDF: 11.4/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 113.149+/-0.037 χ^2/NDF:248323.8/6

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

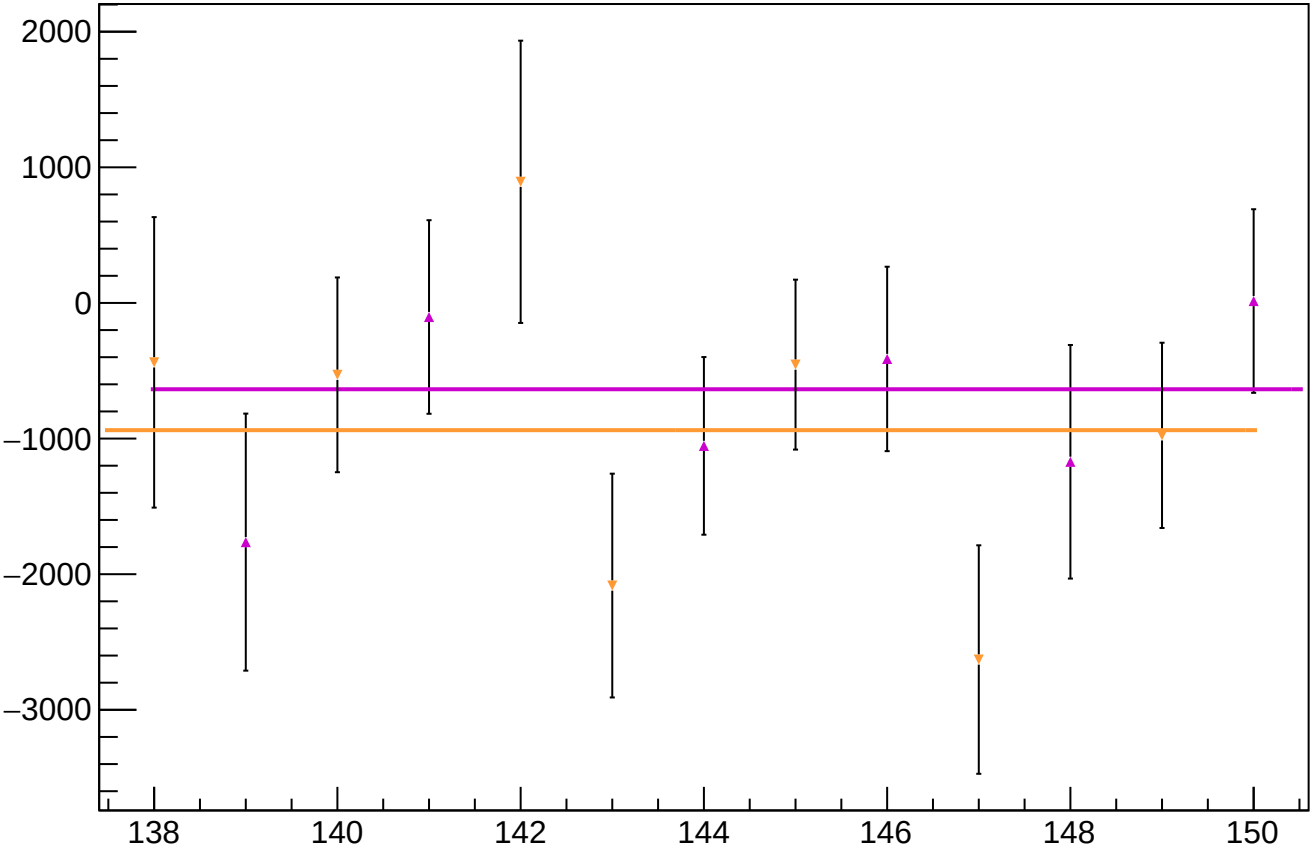
Left In: 111.819+/-0.036 χ^2/NDF:22950.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 112.466+/-0.026 χ^2/NDF: 271951.6/12

- 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: -938.042+/-297.413 χ^2/NDF:10.2/6

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

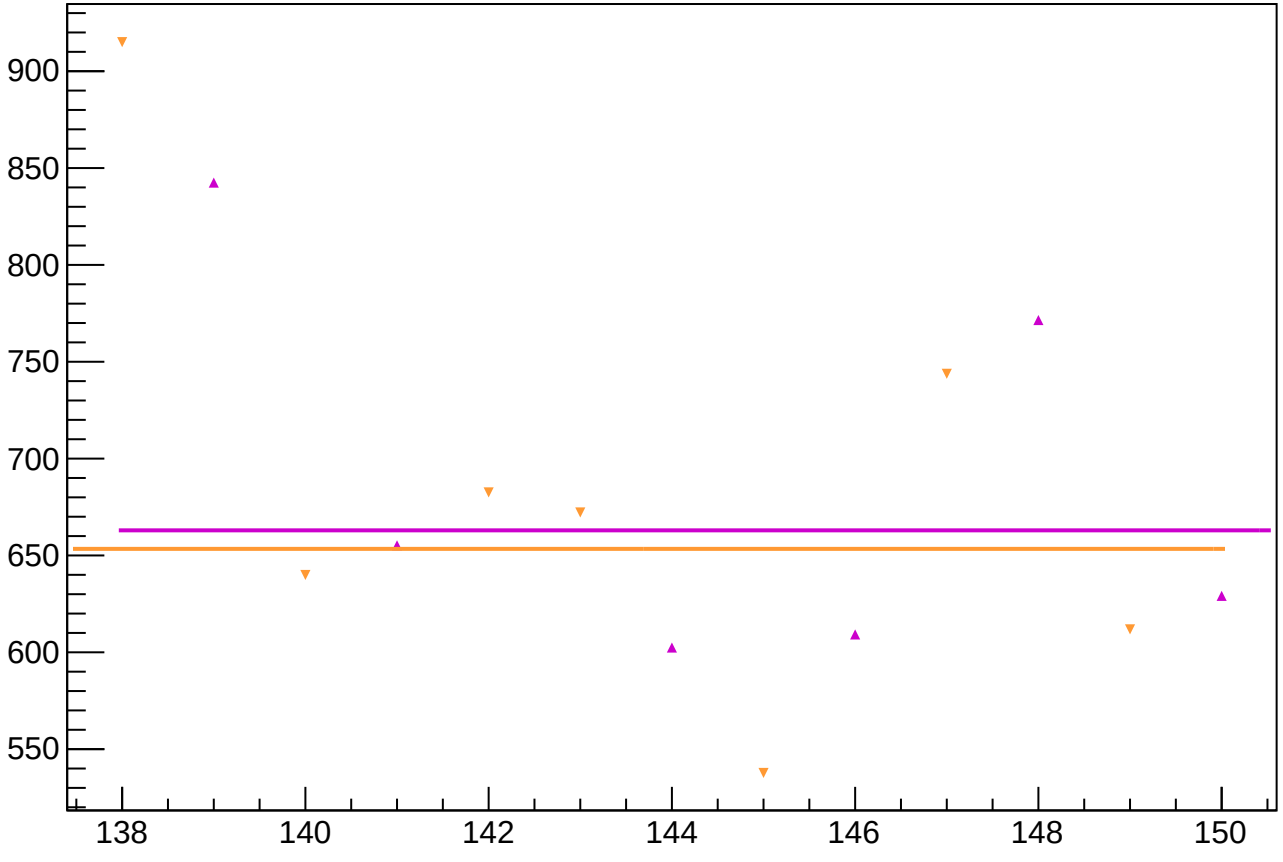
Left In: -636.388+/-300.116 χ^2/NDF:3.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -788.580+/-211.252 χ^2/NDF: 14.5/12

- 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: 653.401+/-0.210 χ^2/NDF:221266.4/6

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

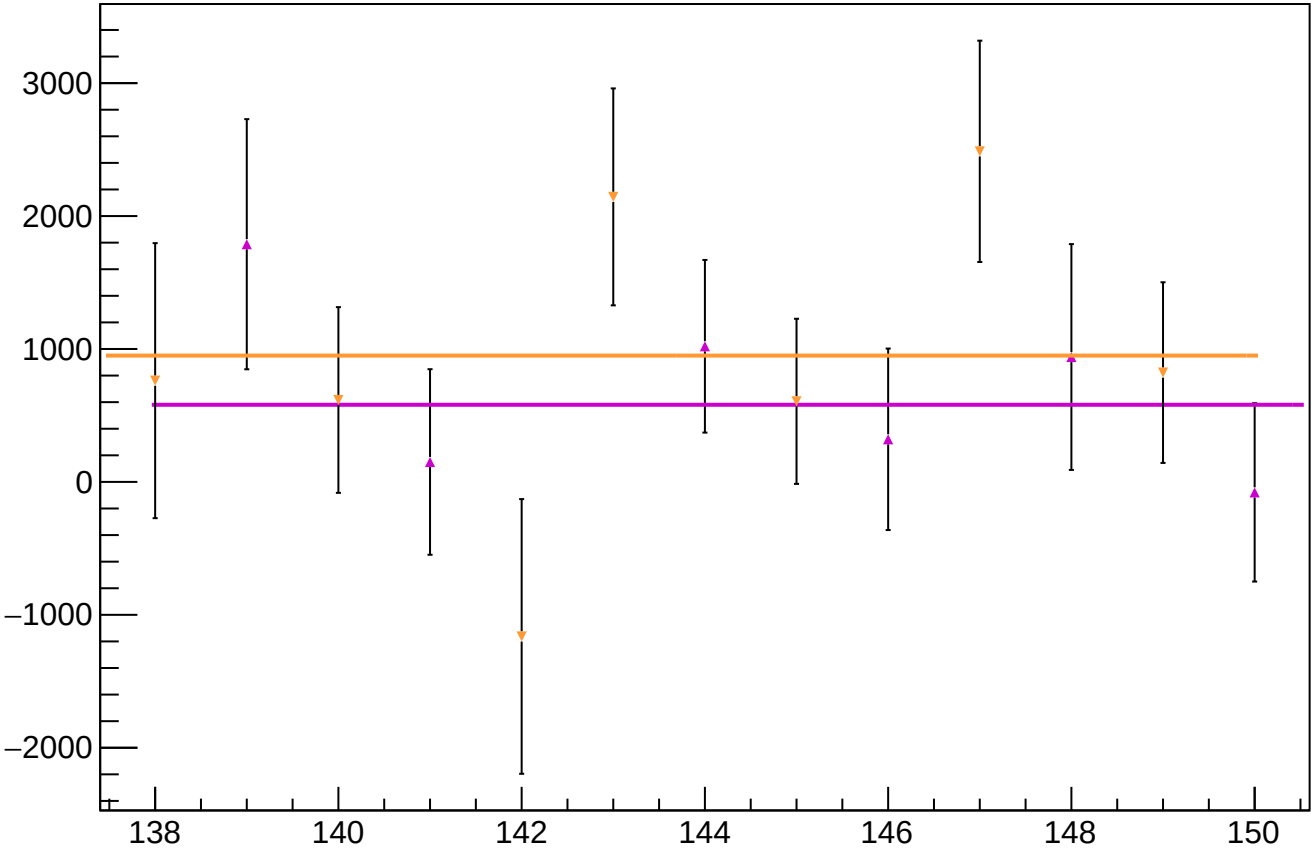
Left In: 662.963+/-0.212 χ^2/NDF:138362.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 658.139+/-0.149 χ^2/NDF: 360653.4/12

- 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: 950.409+/-293.339 χ^2/NDF:10.3/6

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

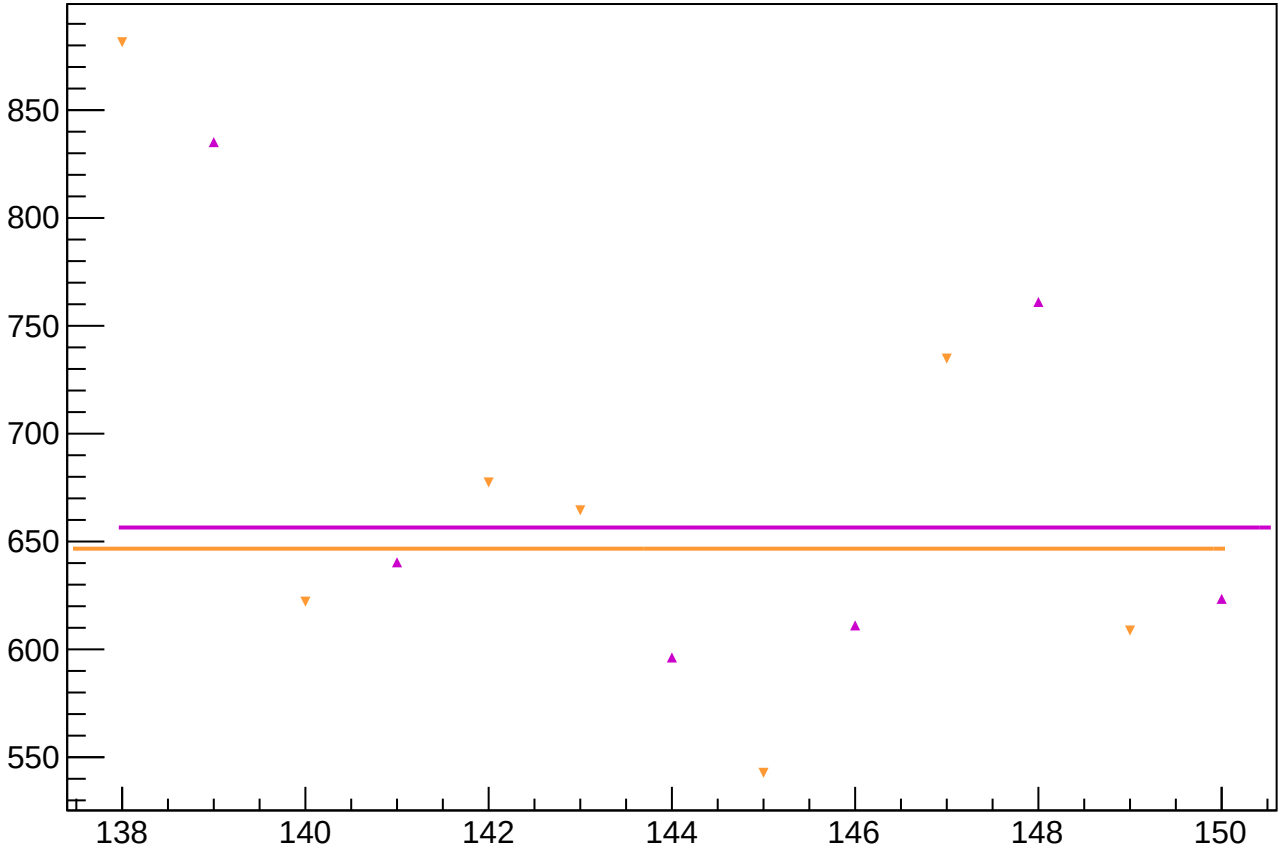
Left In: 580.301+/-297.393 χ^2/NDF:3.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 767.895+/-208.841 χ^2/NDF: 14.9/12

- 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: 646.683+/-0.207 χ^2/NDF:192825.5/6

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

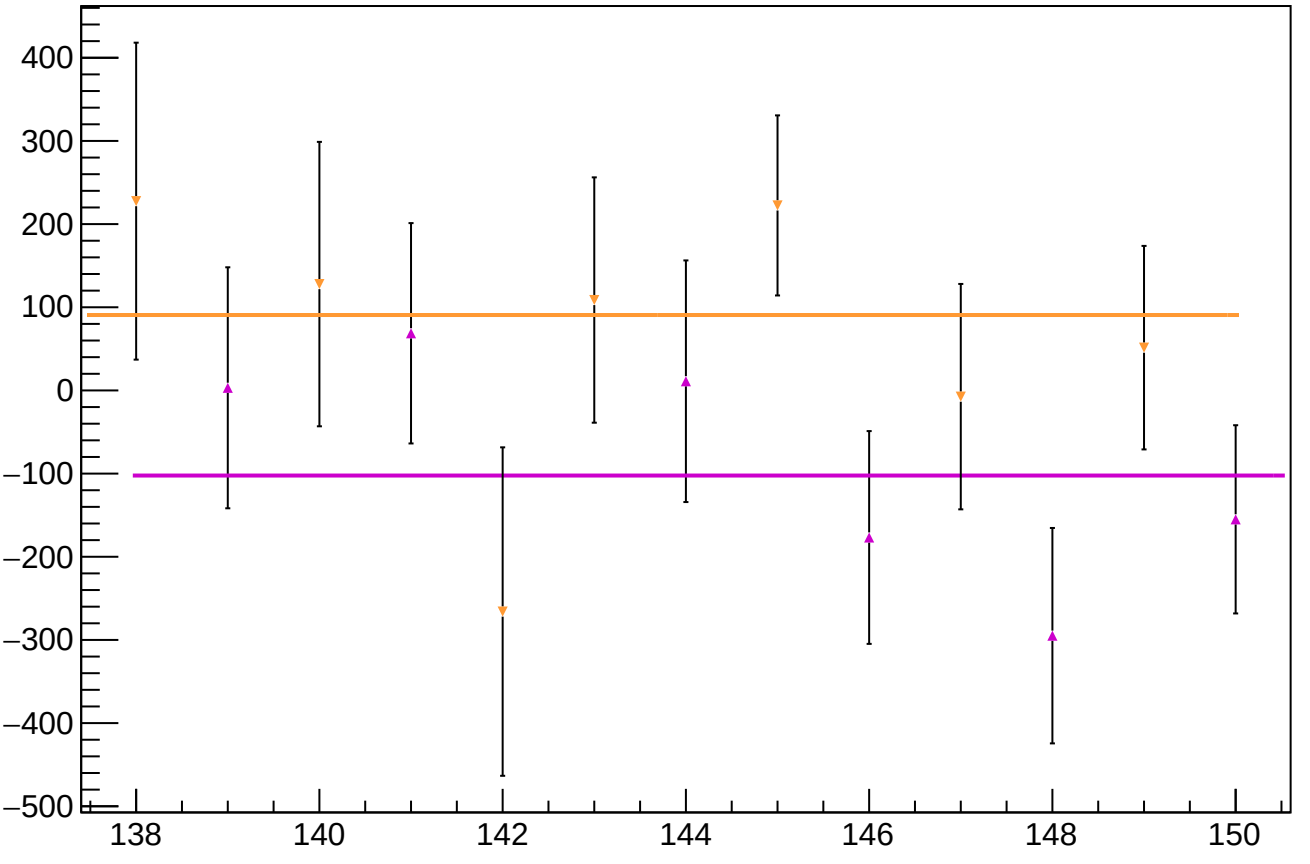
Left In: 656.494+/-0.210 χ^2/NDF:134413.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 651.521+/-0.148 χ^2/NDF: 328342.6/12

- 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: 90.684+/-54.240 χ^2/NDF:5.9/6

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

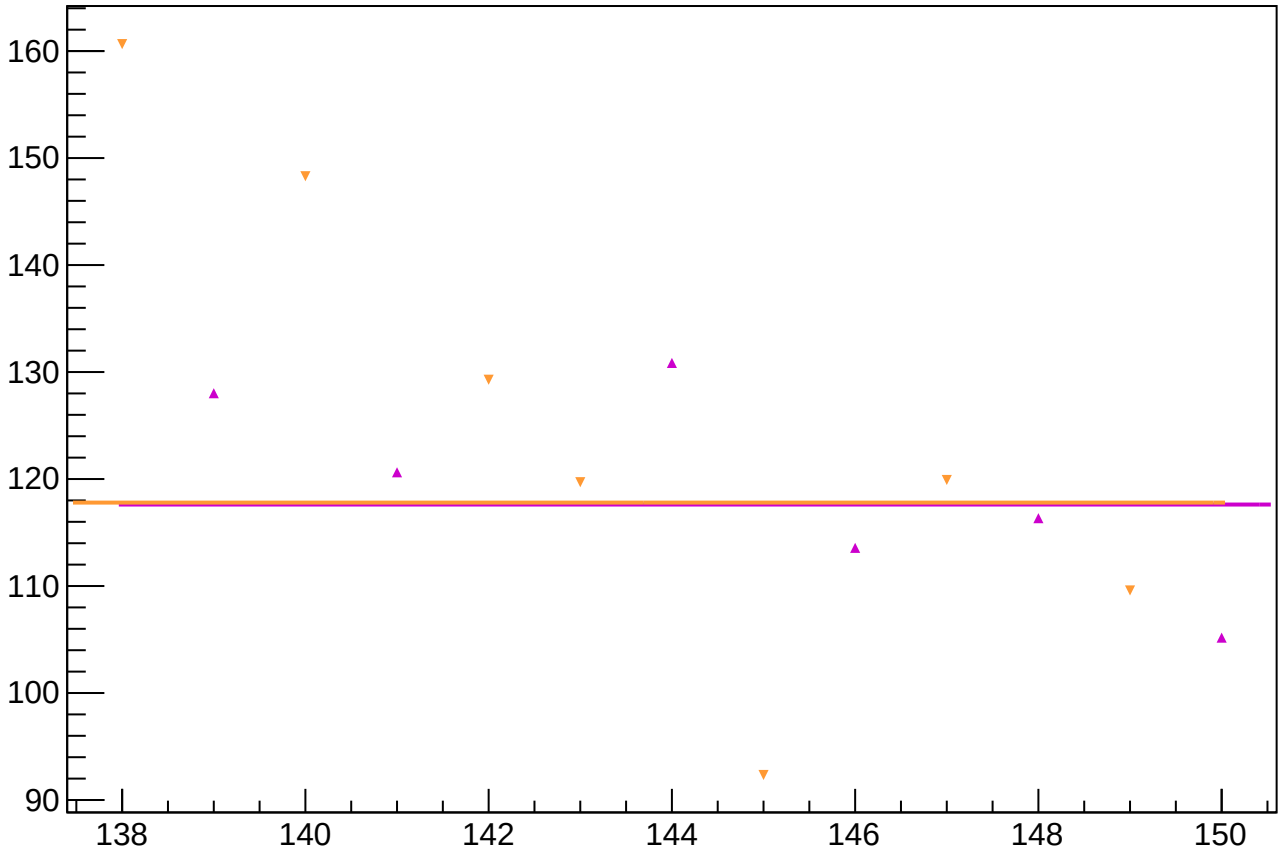
Left In: -102.325+/-53.391 χ^2/NDF:5.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.343+/-38.050 χ^2/NDF: 18.0/12

- 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: 117.798+/-0.038 χ^2/NDF:291959.0/6

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

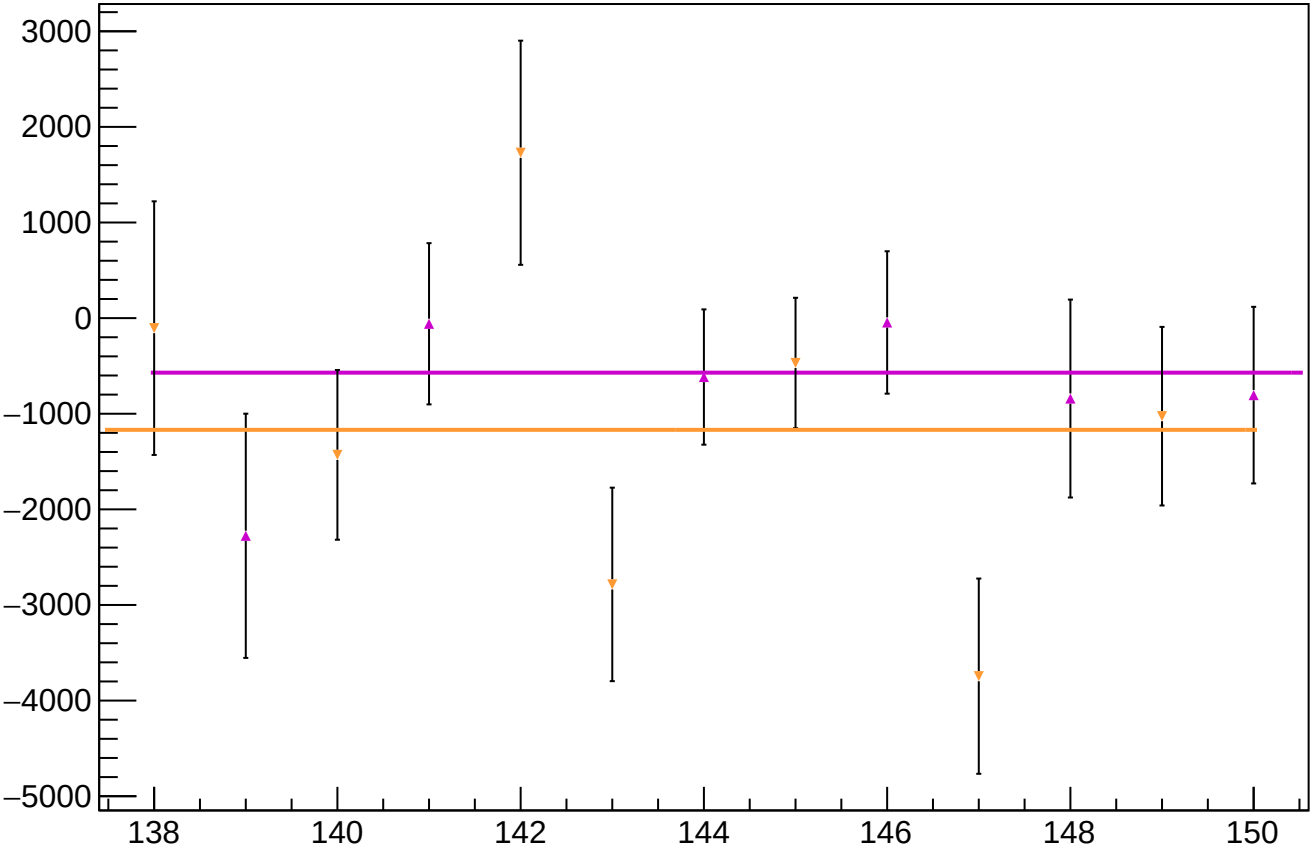
Left In: 117.615+/-0.038 χ^2/NDF:54315.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 117.705+/-0.027 χ^2/NDF: 346286.3/12

- 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: -1168.329+/-358.029 χ^2/NDF:16.8/6

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

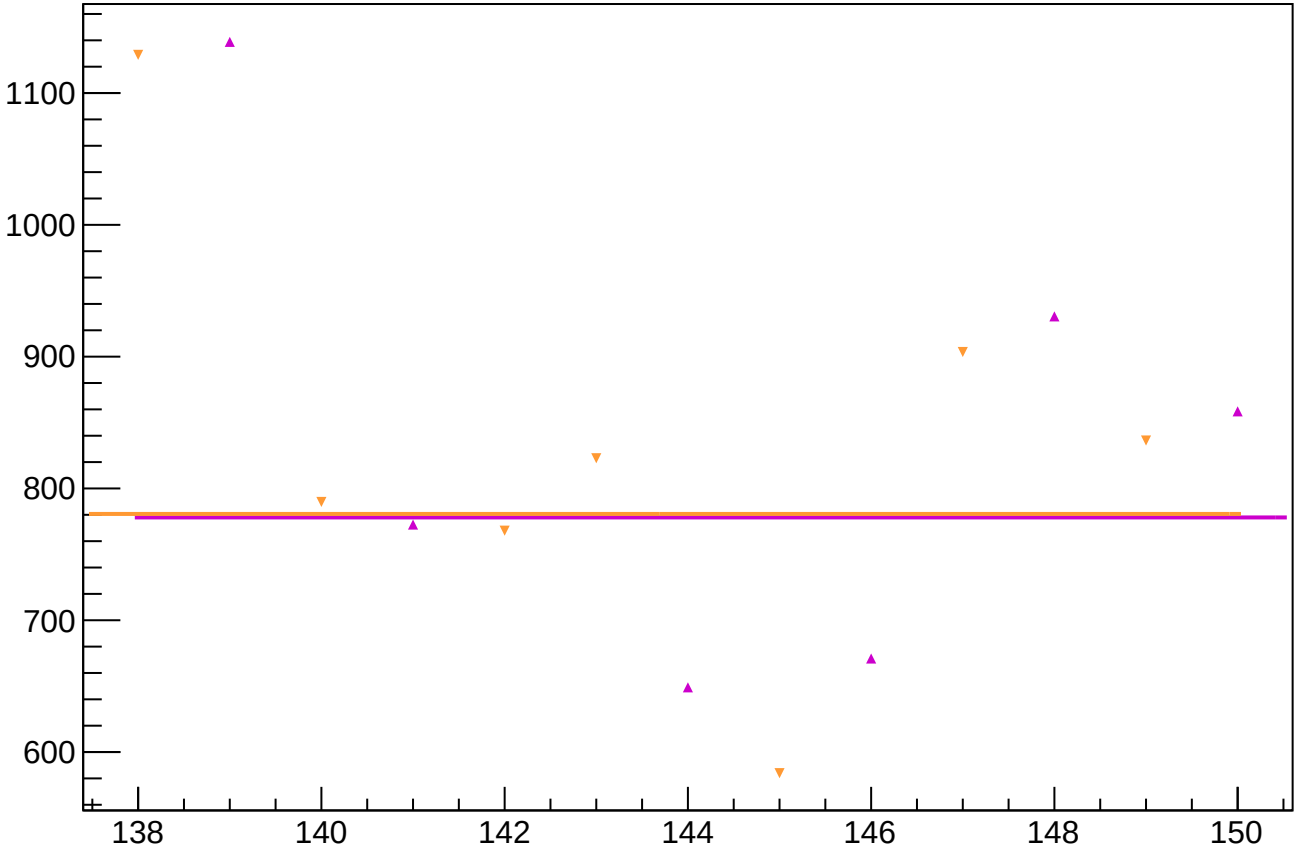
Left In: -570.327+/-355.200 χ^2/NDF:2.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -866.957+/-252.159 χ^2/NDF: 21.0/12

- 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: 780.660+/-0.253 χ^2/NDF:344490.0/6

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

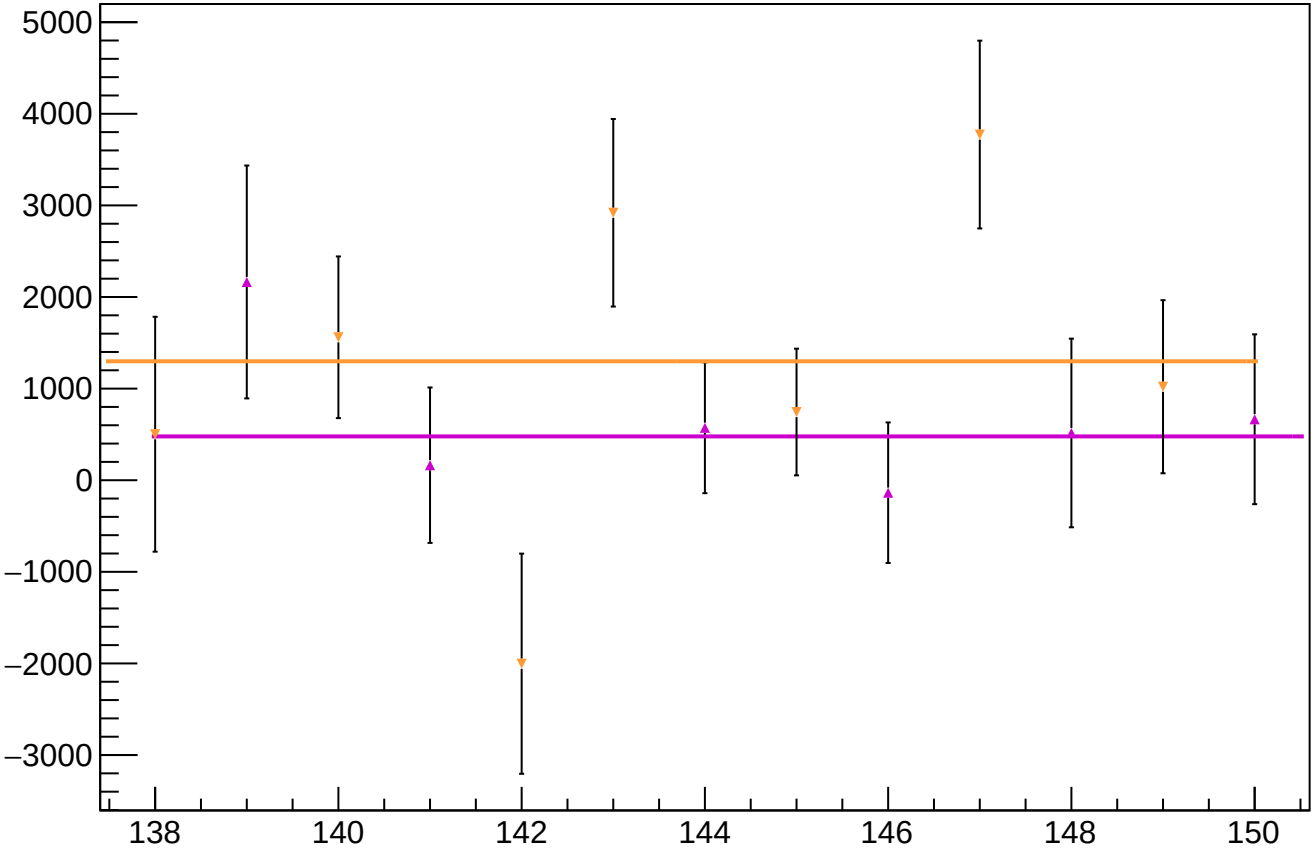
Left In: 778.000+/-0.251 χ^2/NDF:326050.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 779.320+/-0.178 χ^2/NDF: 670596.2/12

- 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: 1298.160+/-360.295 χ^2/NDF:17.1/6

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

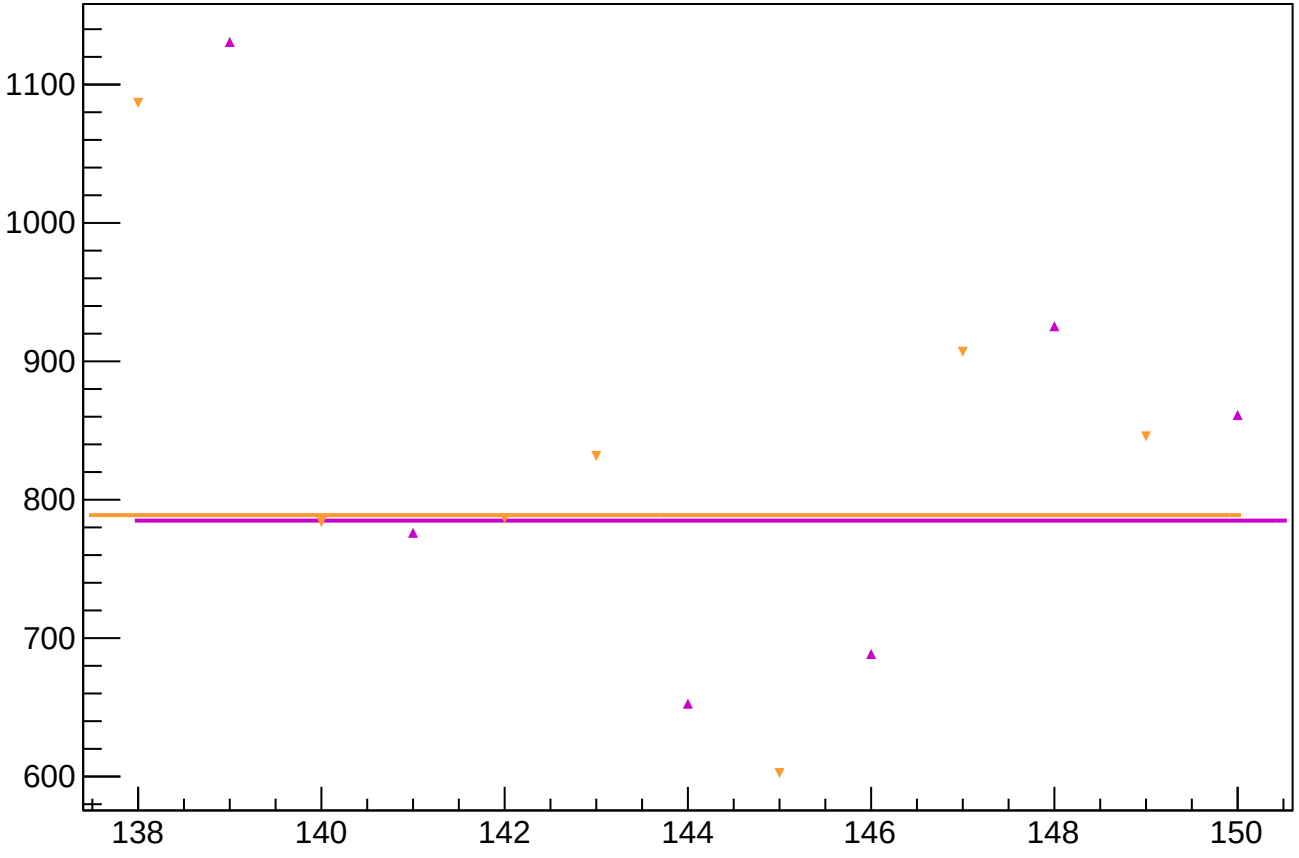
Left In: 478.279+/-358.576 χ^2/NDF:2.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 886.259+/-254.157 χ^2/NDF: 22.3/12

- 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: 788.885+/-0.255 χ^2/NDF:290628.6/6

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

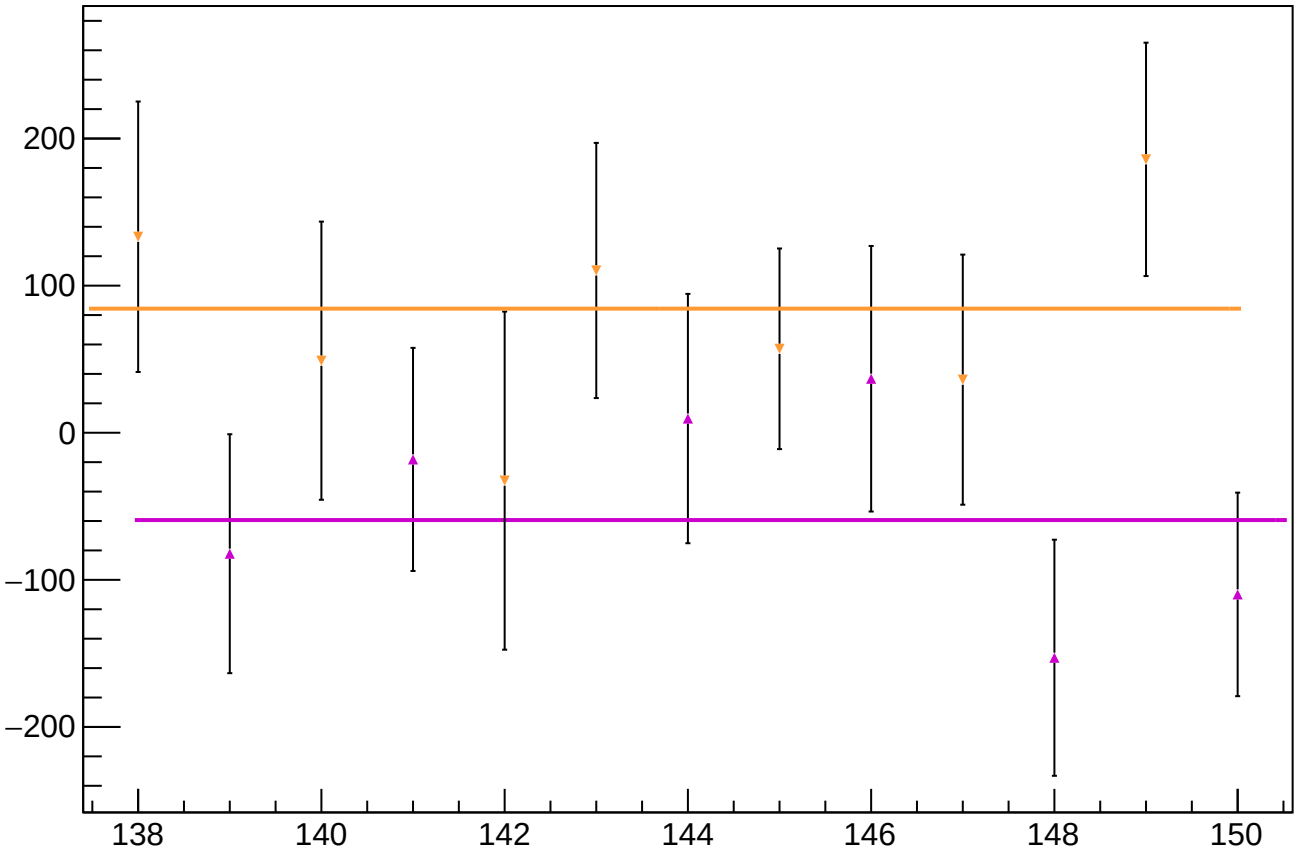
Left In: 784.926+/-0.254 χ^2/NDF:299285.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 786.896+/-0.180 χ^2/NDF: 590035.5/12

- 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: 84.363+/-32.424 χ^2/NDF:3.7/6

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

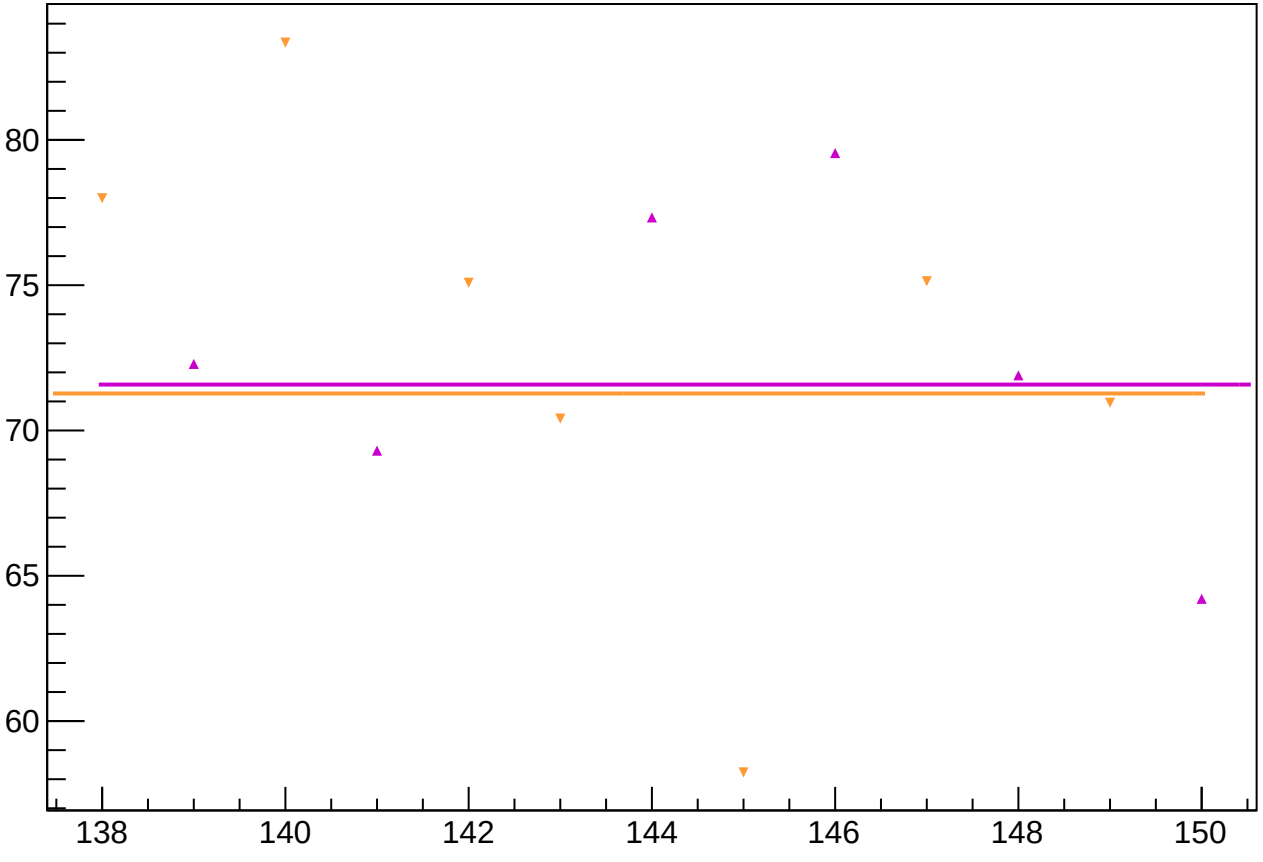
Left In: -59.352+/-32.416 χ^2/NDF:4.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 12.486+/-22.924 χ^2/NDF: 17.6/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 71.274+/-0.023 χ^2/NDF:122975.1/6

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

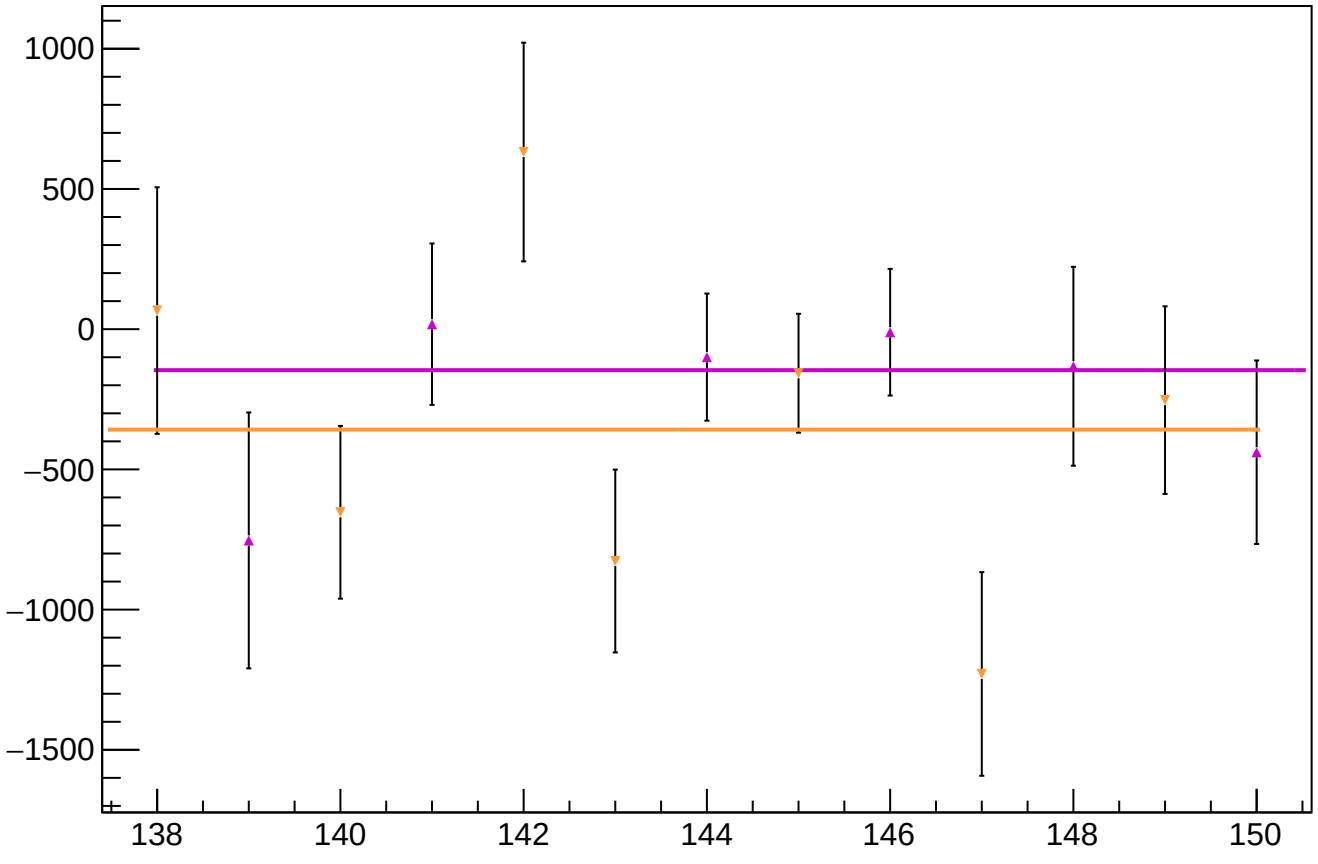
Left In: 71.580+/-0.023 χ^2/NDF:49495.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 71.427+/-0.016 χ^2/NDF: 172559.8/12

- 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: -358.145+/-119.125 χ^2/NDF:17.1/6

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

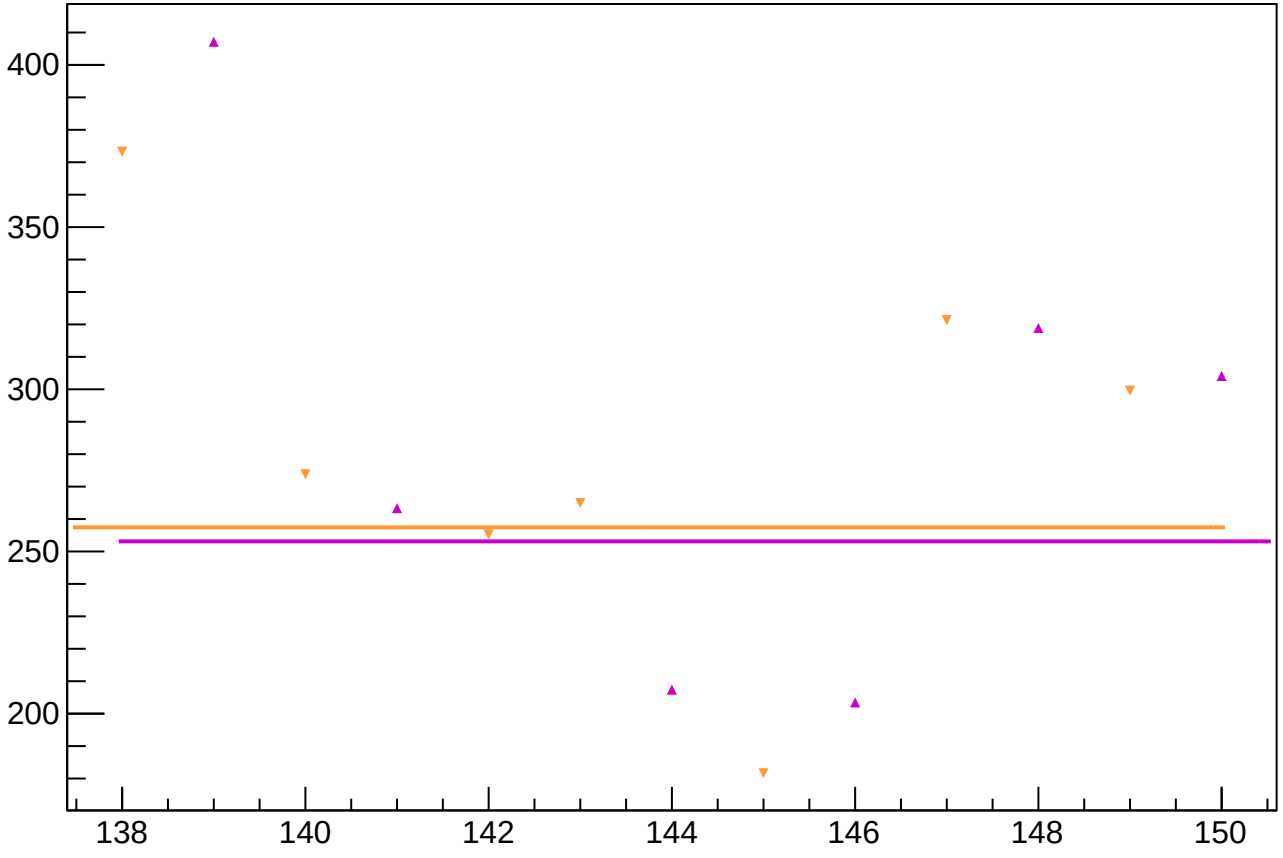
Left In: -146.122+/-116.850 χ^2/NDF:3.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -250.090+/-83.418 χ^2/NDF: 22.0/12

- 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: 257.437+/-0.084 χ^2/NDF:495035.9/6

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

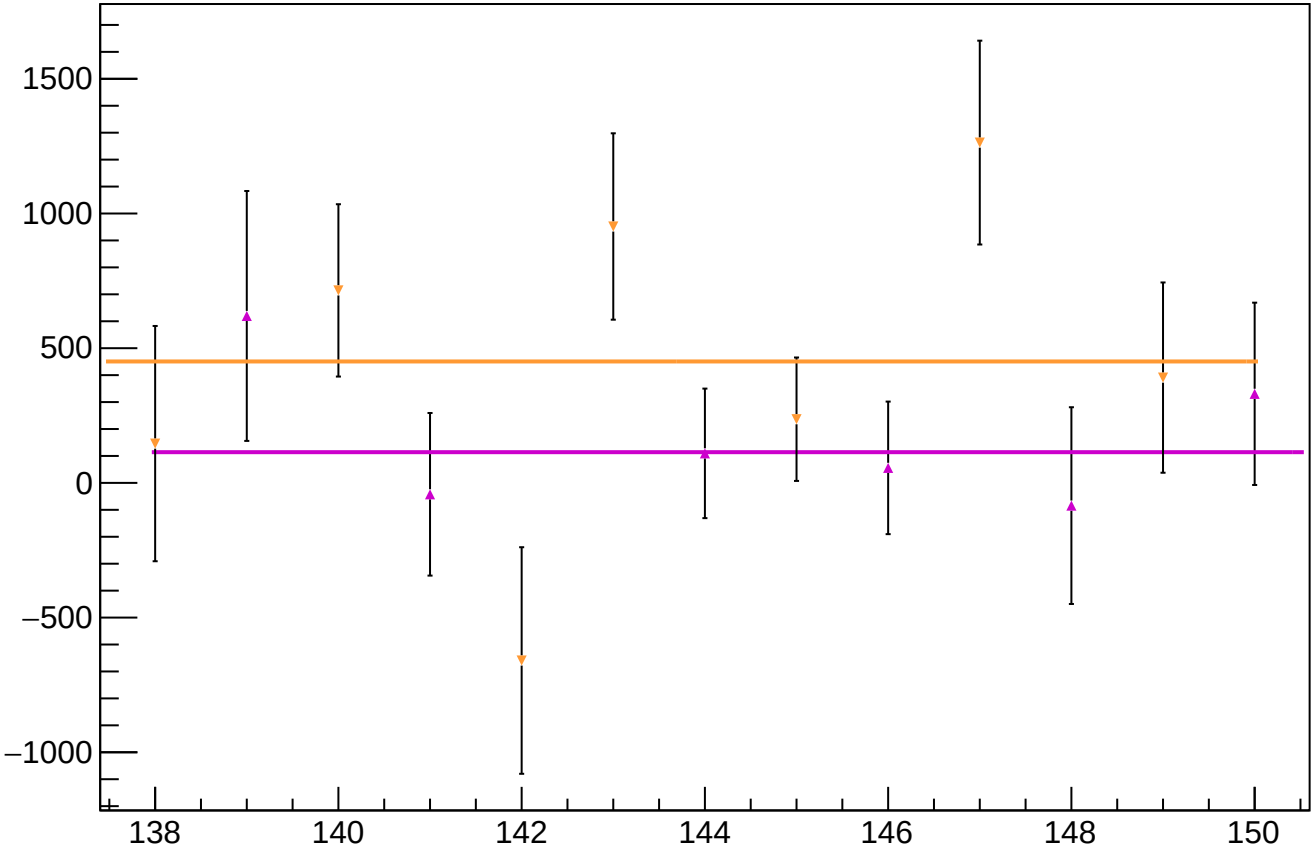
Left In: 253.114+/-0.083 χ^2/NDF:525915.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 255.233+/-0.059 χ^2/NDF: 1022293.4/12

- 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: 450.766+/-125.901 χ^2/NDF:15.7/6

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

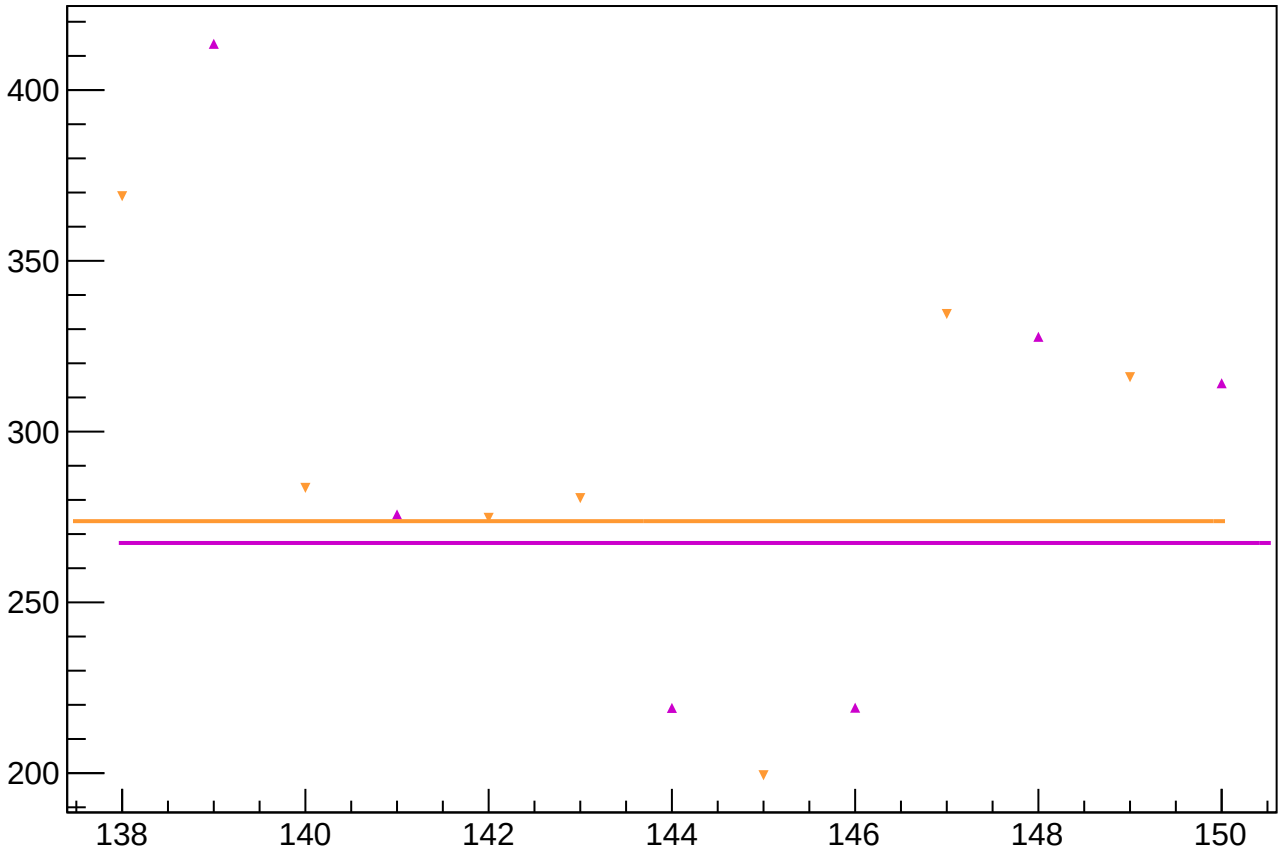
Left In: 114.009+/-123.393 χ^2/NDF:2.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 279.000+/-88.126 χ^2/NDF: 21.6/12

- 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: 273.780+/-0.089 χ^2/NDF:388361.5/6

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

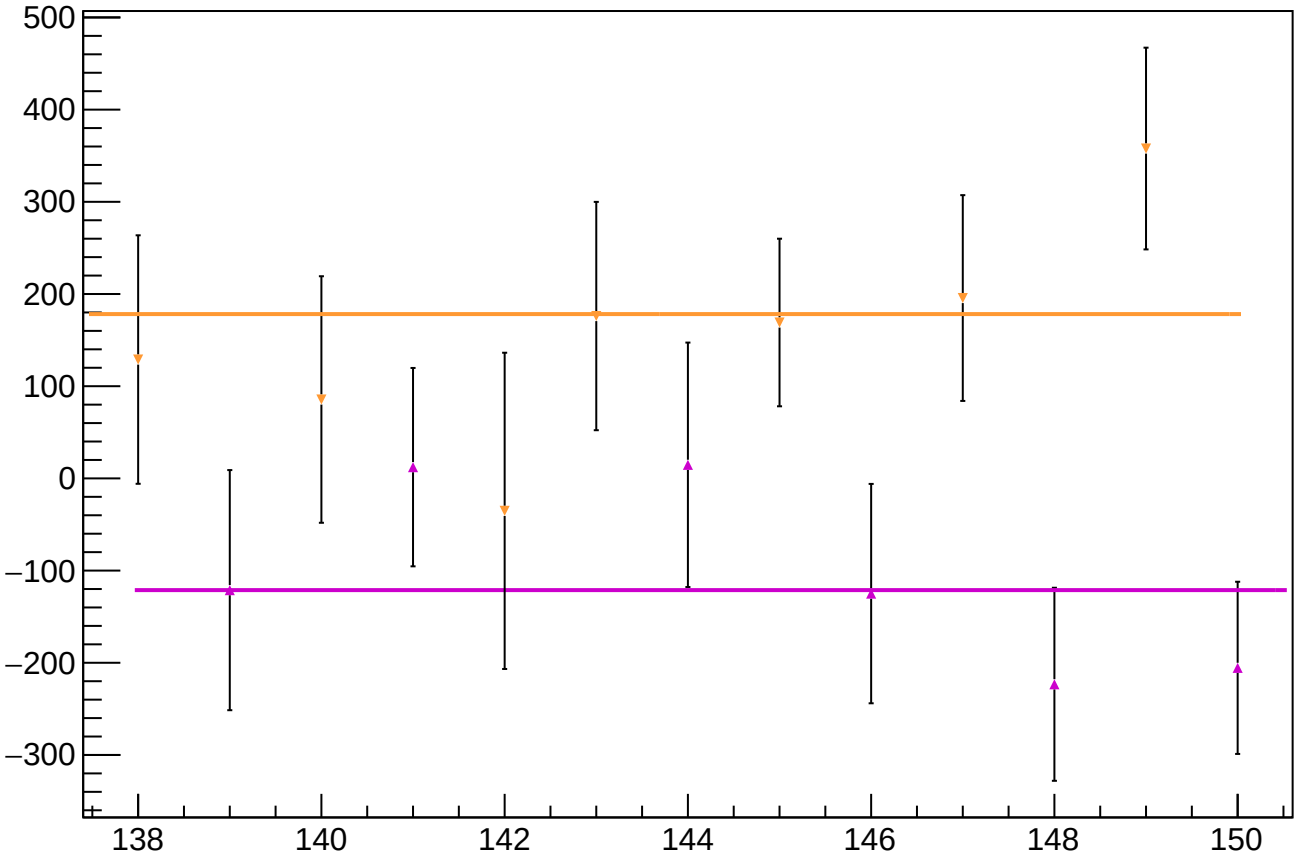
Left In: 267.394+/-0.087 χ^2/NDF:450478.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 270.523+/-0.062 χ^2/NDF: 841465.2/12

- 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: 178.230+/-44.944 χ^2/NDF:4.9/6

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

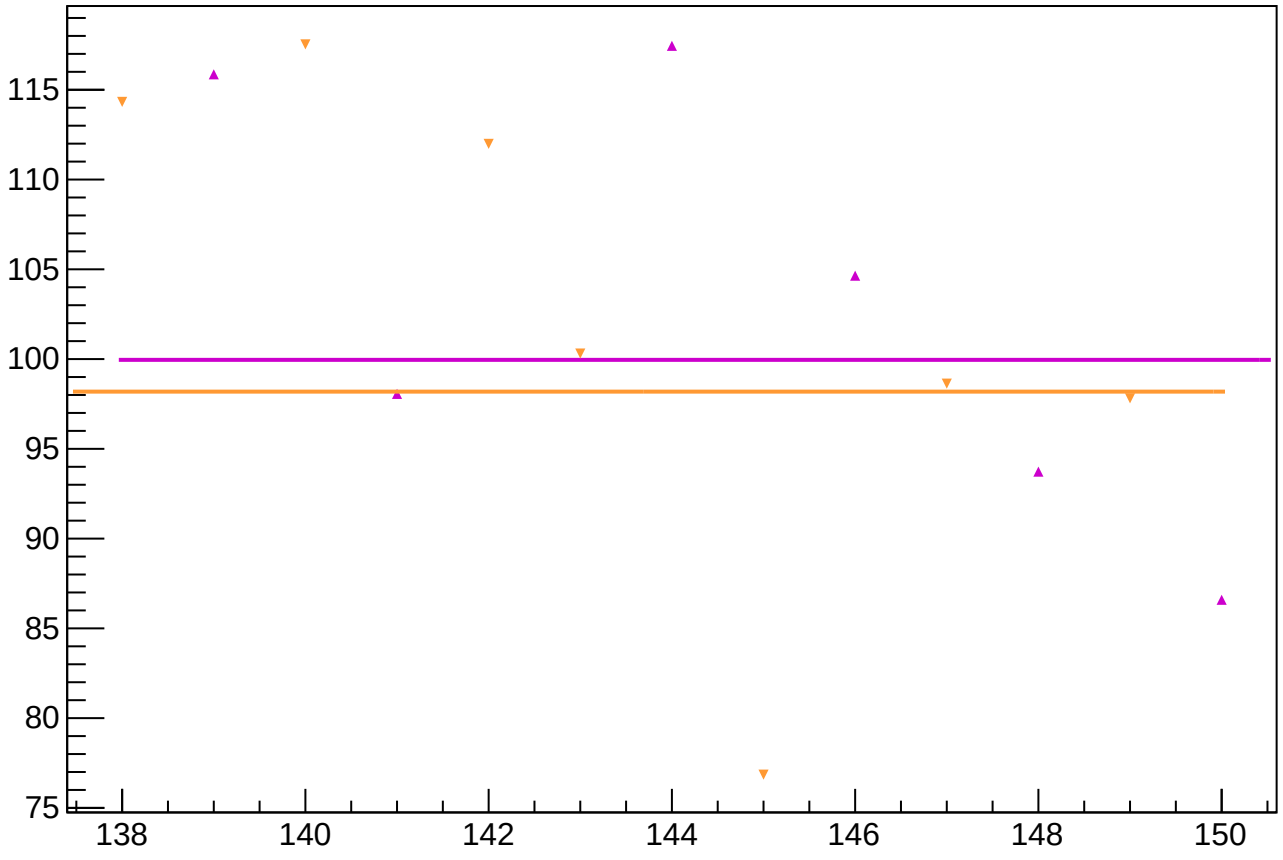
Left In: -121.179+/-45.701 χ^2/NDF:4.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 31.027+/-32.045 χ^2/NDF: 31.1/12

- 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: 98.187+/-0.032 χ^2/NDF:194312.5/6

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

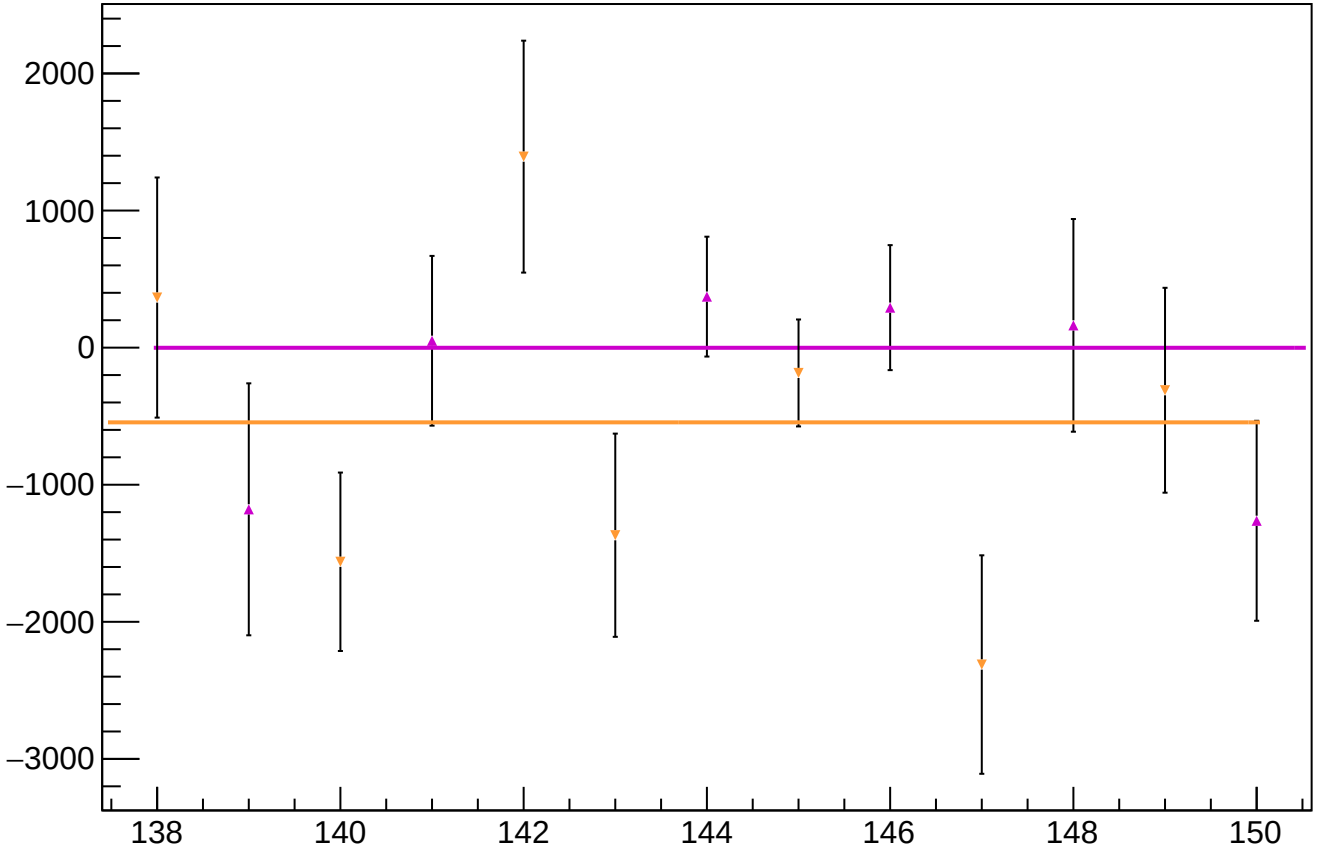
Left In: 99.957+/-0.032 χ^2/NDF:116404.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 99.057+/-0.023 χ^2/NDF: 312241.4/12

- 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: -544.980+/-243.840 χ^2/NDF:15.9/6

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

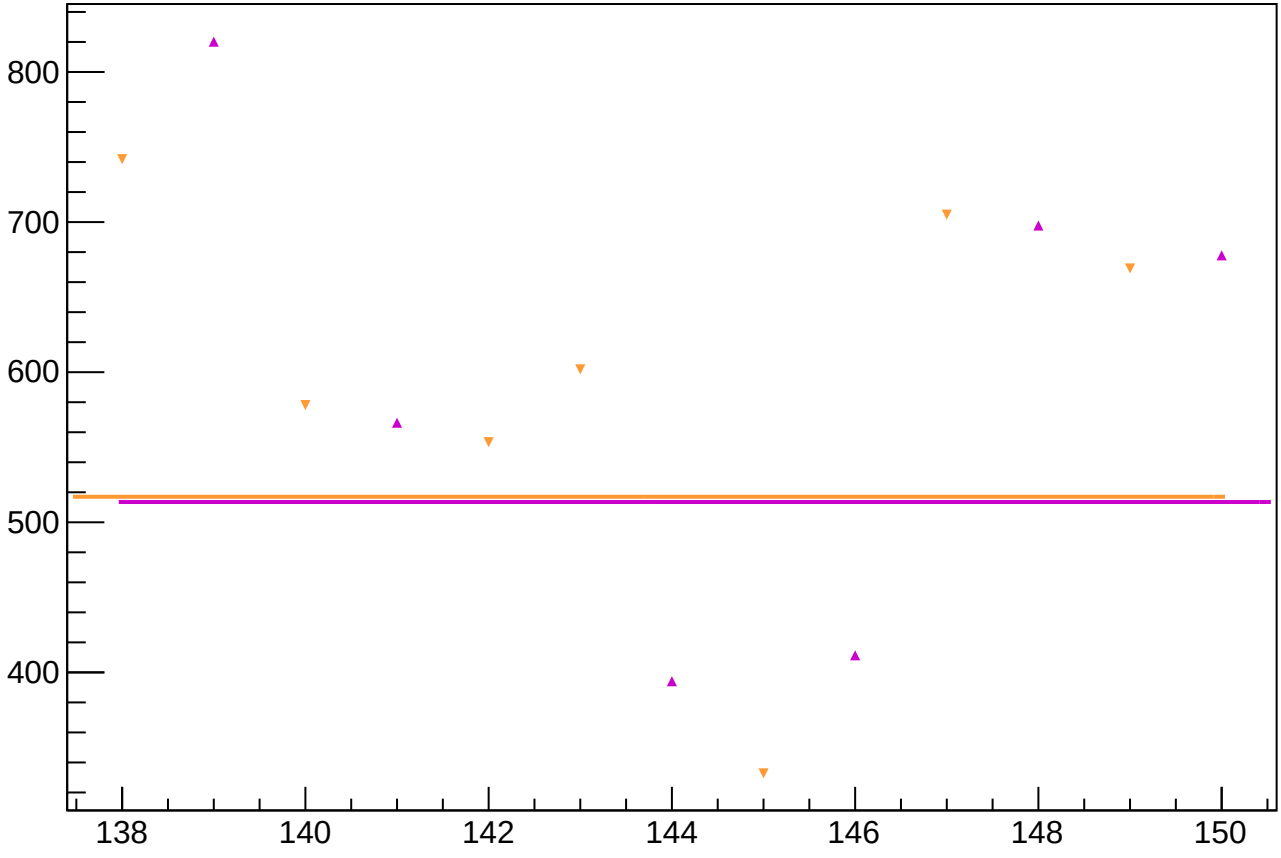
Left In: -1.056+/-239.892 χ^2/NDF:5.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -268.578+/-171.008 χ^2/NDF: 24.2/12

- 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: 517.020+/-0.172 χ^2/NDF:819817.8/6

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

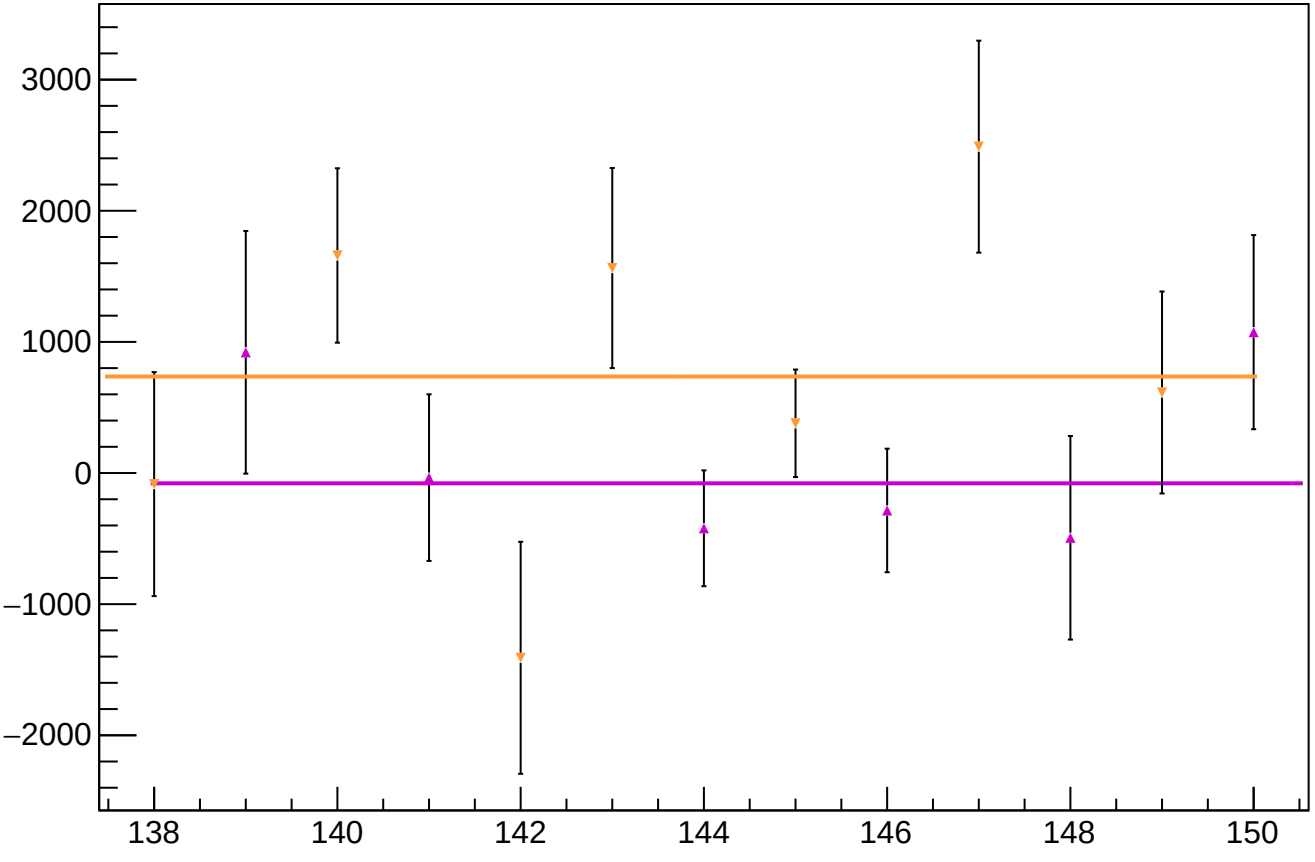
Left In: 513.516+/-0.170 χ^2/NDF:701093.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 515.239+/-0.121 χ^2/NDF: 1521121.6/12

- 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: 735.828+/-251.640 χ^2/NDF:15.4/6

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

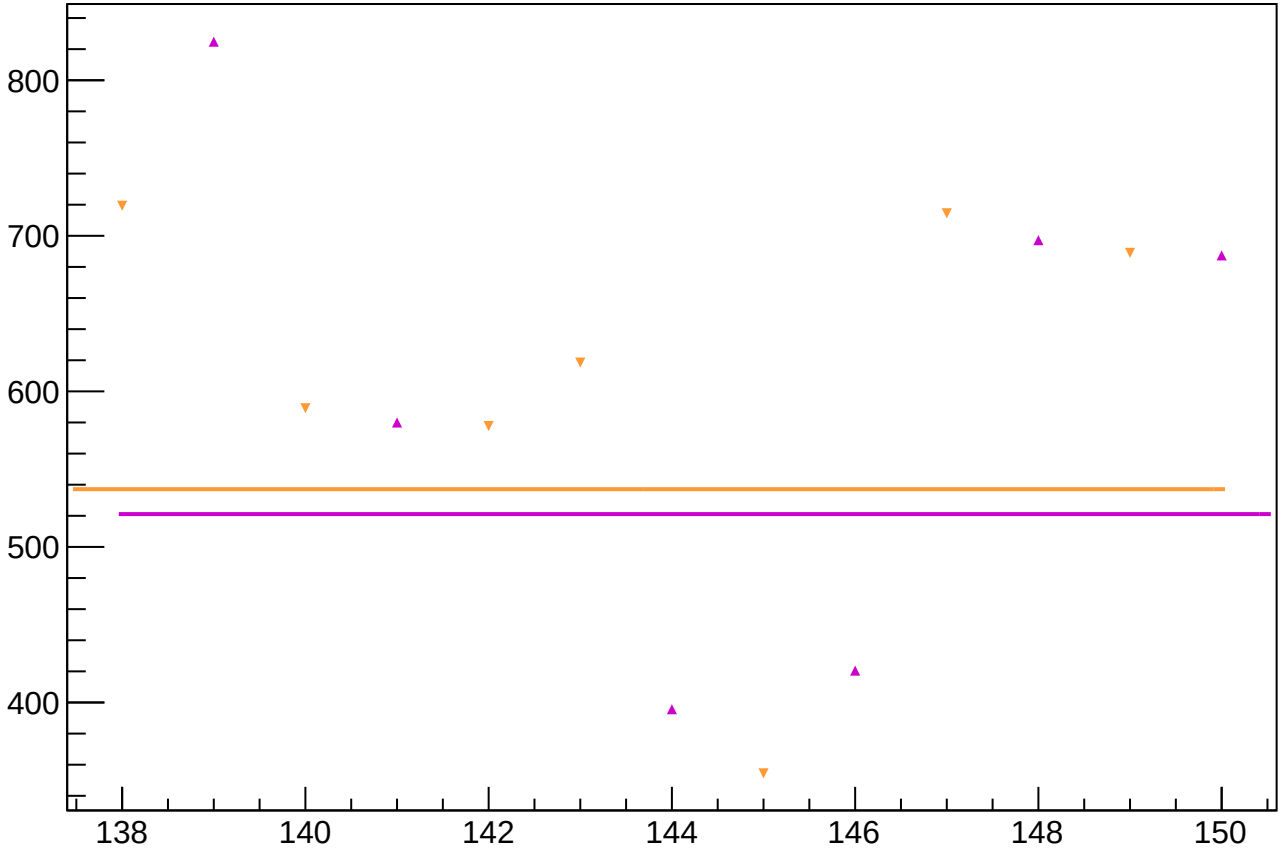
Left In: -78.583+/-244.257 χ^2/NDF:4.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 316.500+/-175.267 χ^2/NDF: 25.5/12

- 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: 537.129+/-0.178 χ^2/NDF:701343.1/6

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

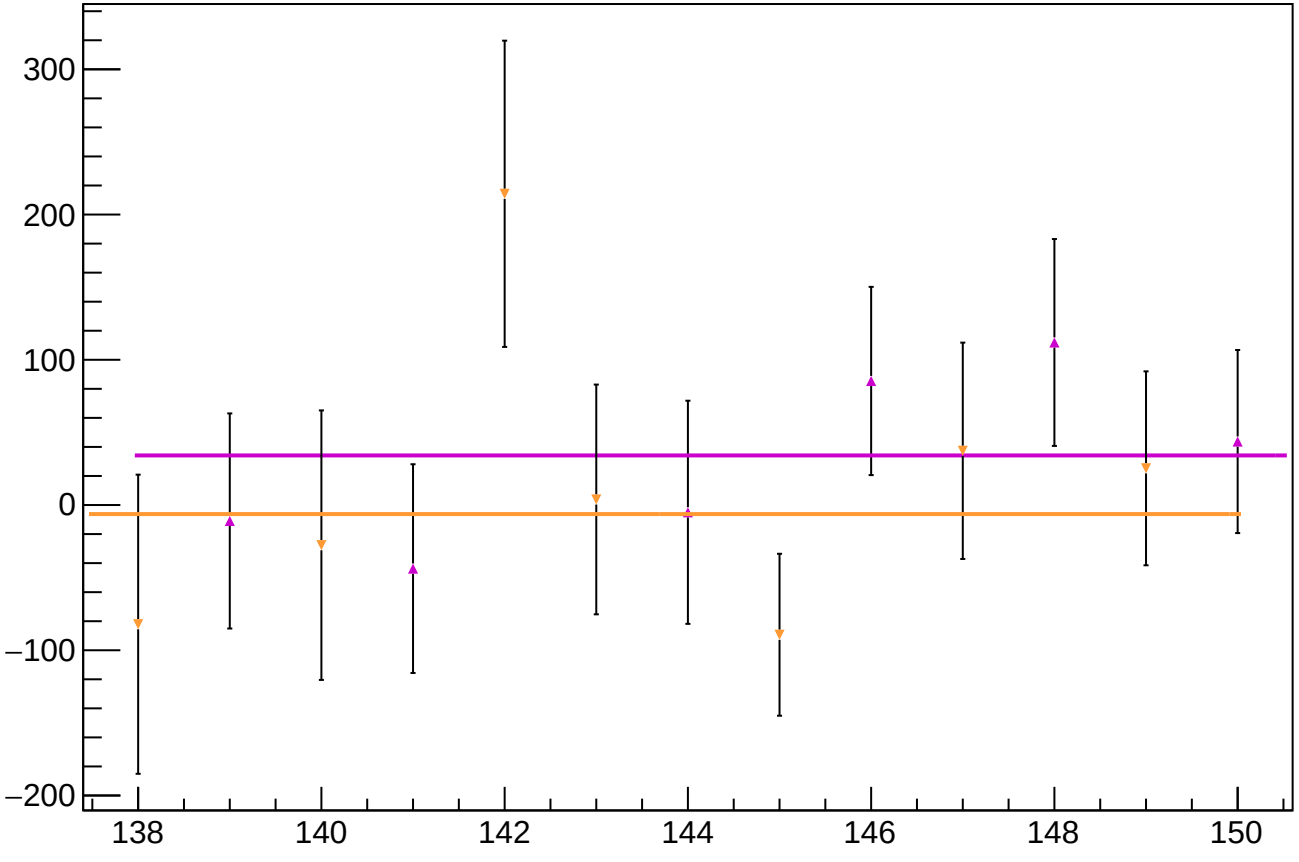
Left In: 521.103+/-0.173 χ^2/NDF:688954.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 528.877+/-0.124 χ^2/NDF: 1394474.1/12

- 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: -6.235+/-29.029 χ^2/NDF:7.8/6

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

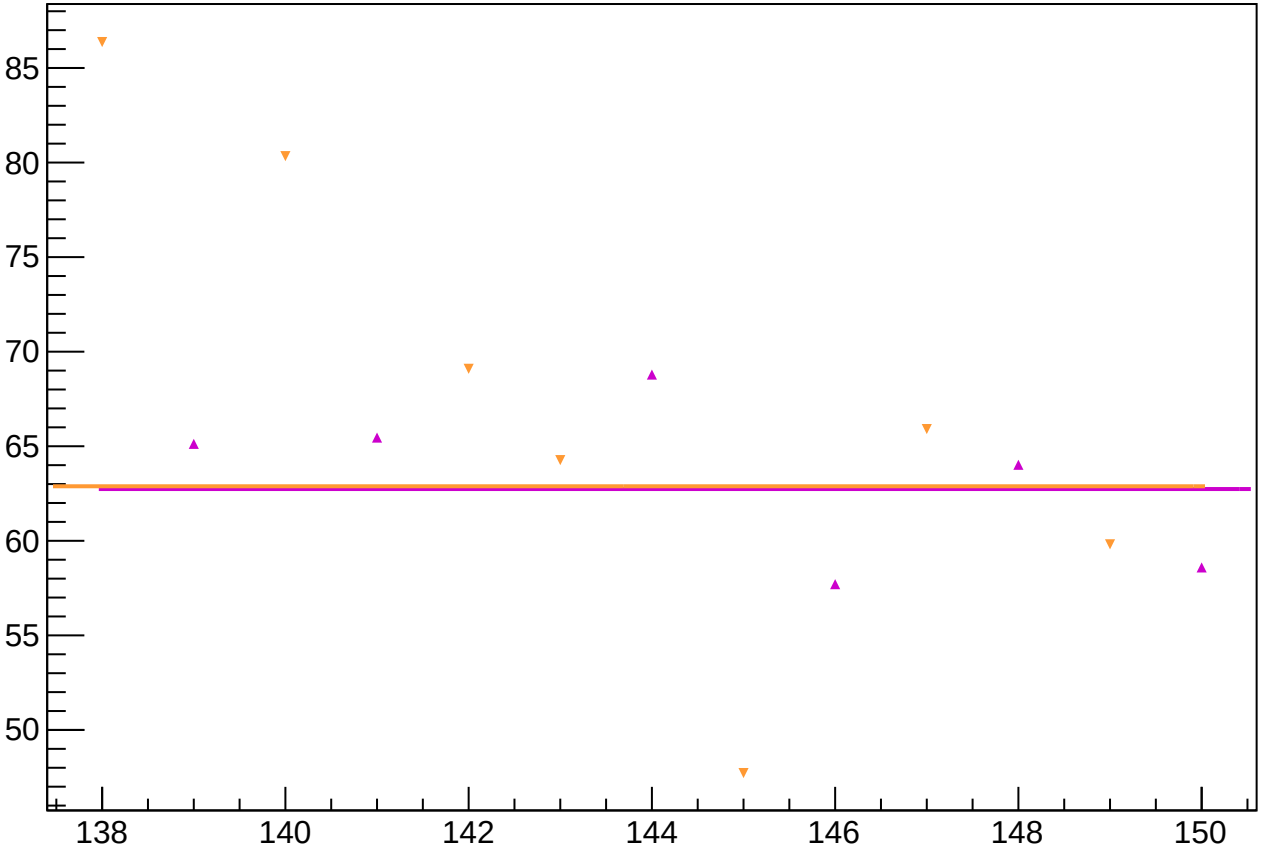
Left In: 34.142+/-28.485 χ^2/NDF:3.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 14.335+/-20.332 χ^2/NDF: 12.4/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 62.884+/-0.021 χ^2/NDF:337852.0/6

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

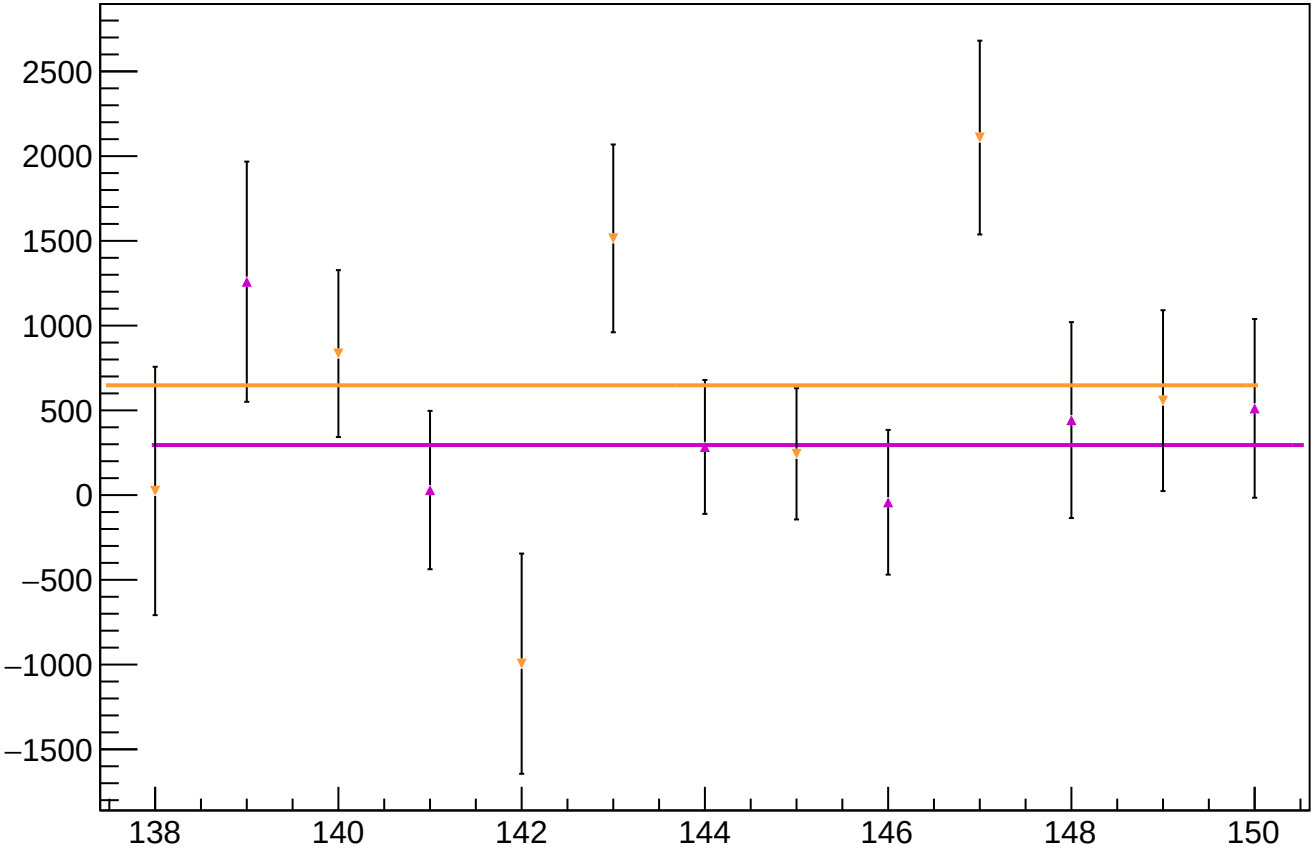
Left In: 62.738+/-0.020 χ^2/NDF:38712.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 62.809+/-0.014 χ^2/NDF: 376590.4/12

- 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: 647.812+/-200.580 χ^2/NDF:17.4/6

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

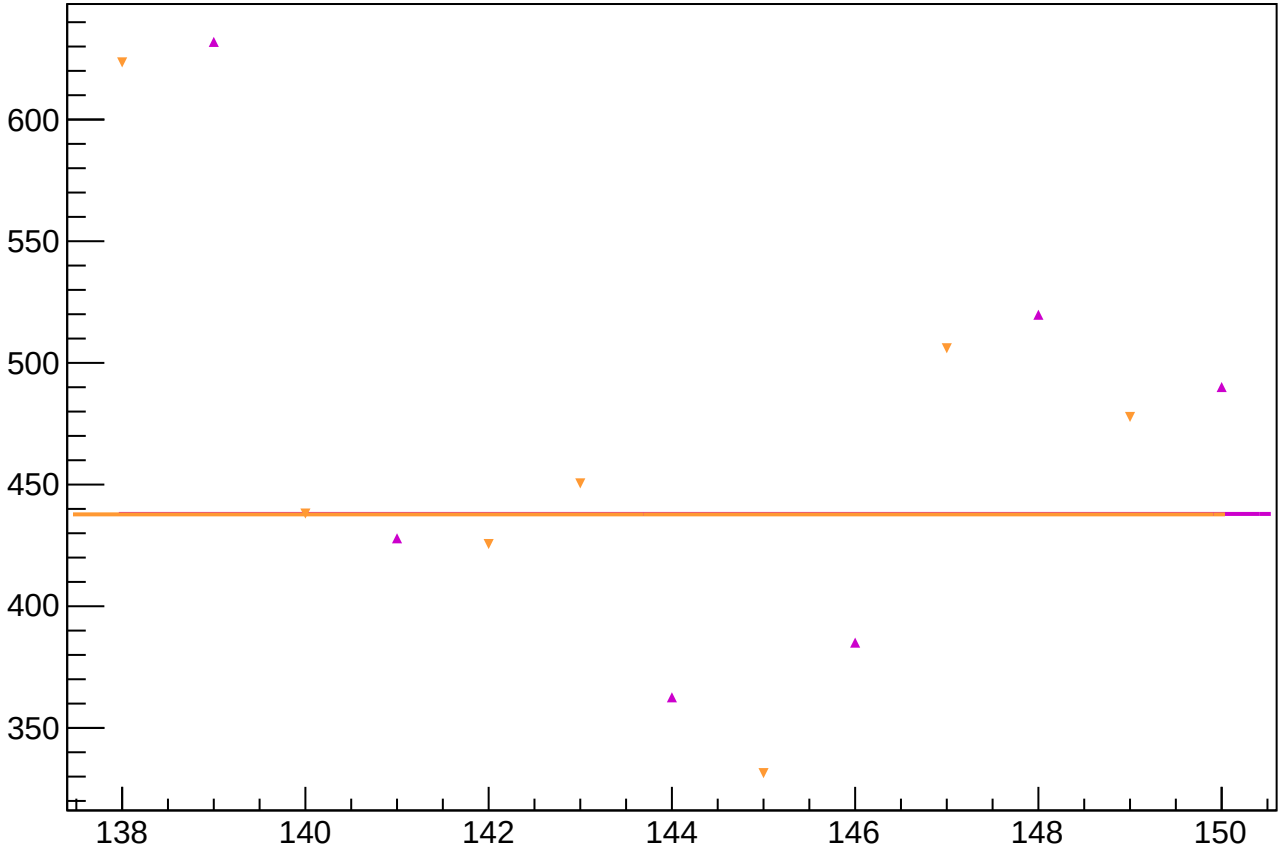
Left In: 295.194+/-199.765 χ^2/NDF:3.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 470.785+/-141.542 χ^2/NDF: 21.9/12

- 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: 437.757+/-0.142 χ^2/NDF:320838.5/6

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

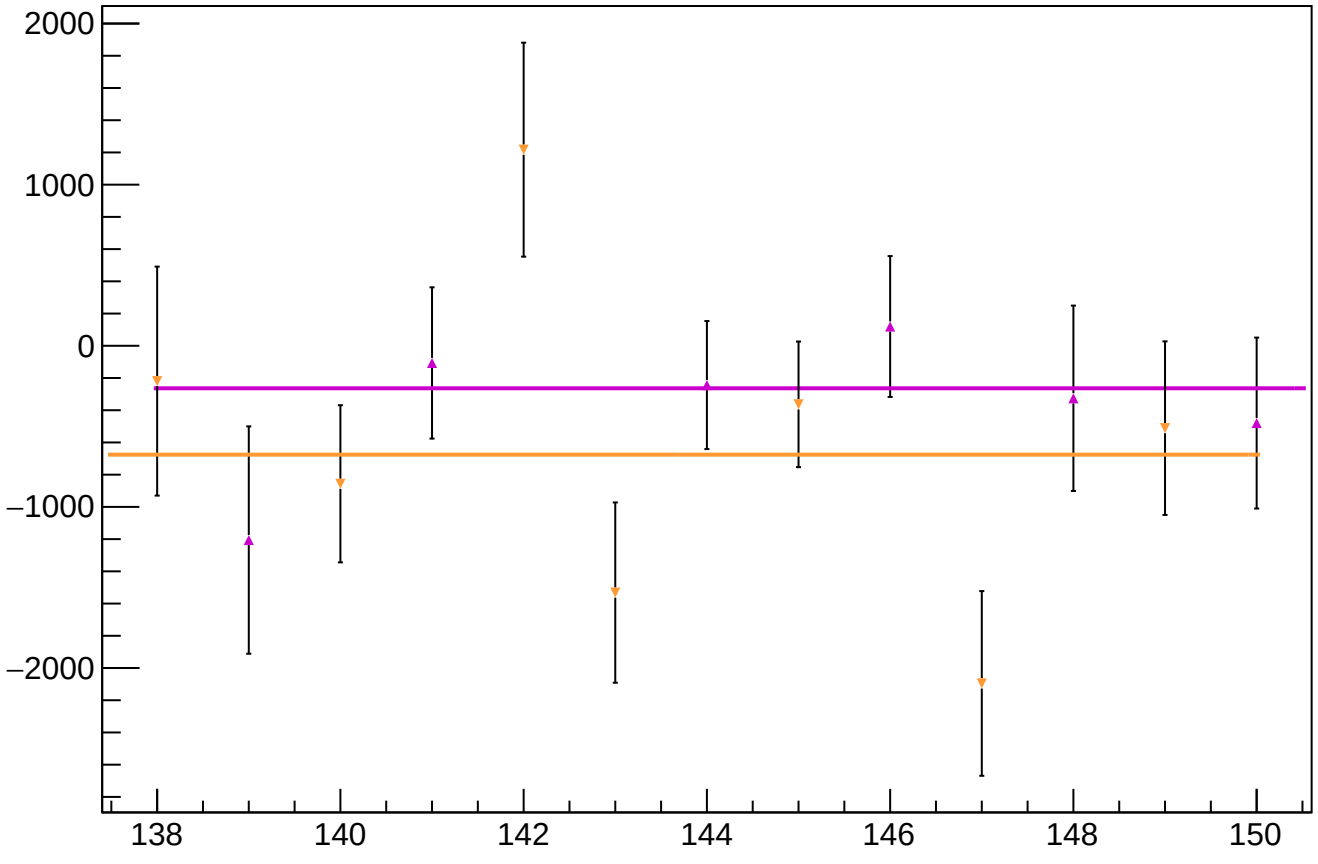
Left In: 437.935+/-0.141 χ^2/NDF:313914.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 437.846+/-0.100 χ^2/NDF: 634753.7/12

- 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: -675.660+/-201.163 χ^2/NDF:17.9/6

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

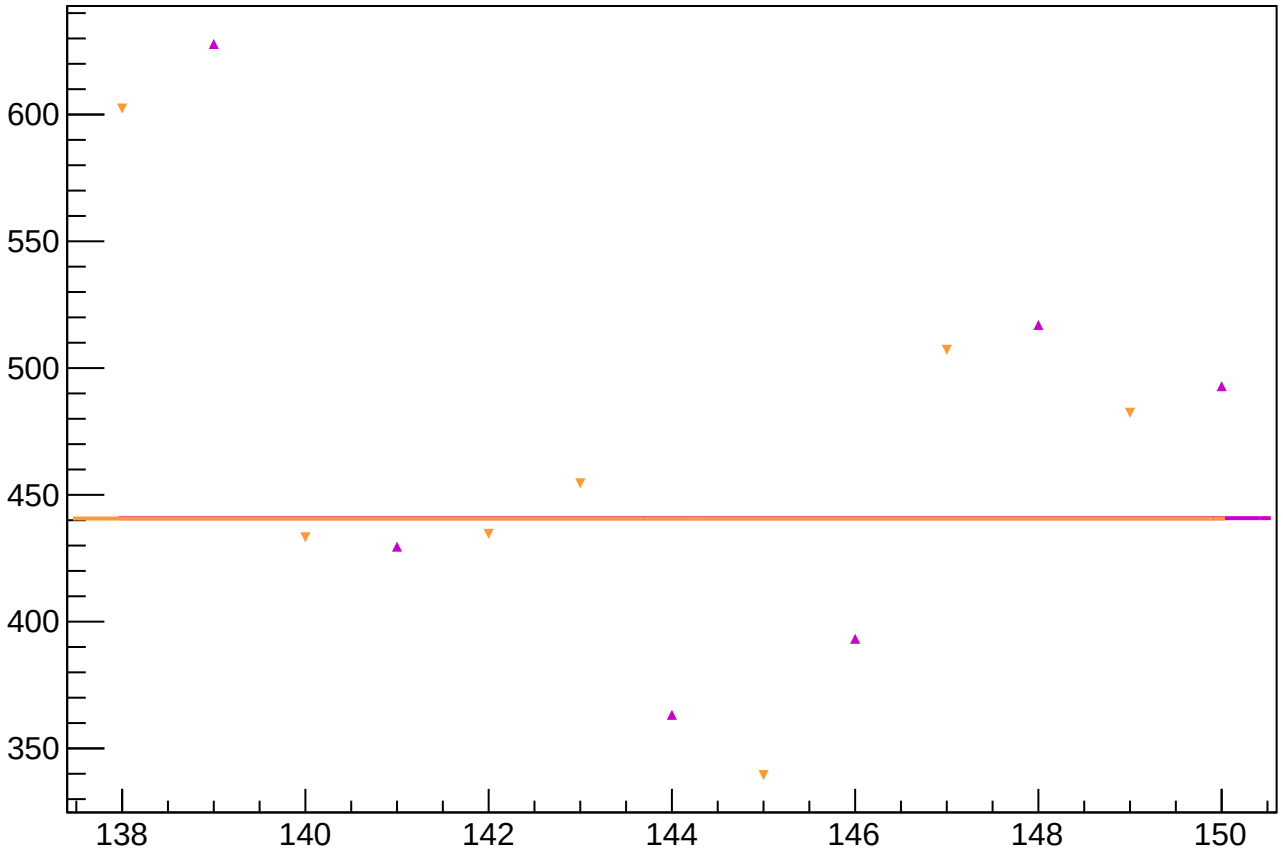
Left In: -263.798+/-201.250 χ^2/NDF:2.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -469.819+/-142.274 χ^2/NDF: 22.8/12

- 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: 440.671+/-0.142 χ^2/NDF:279030.0/6

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

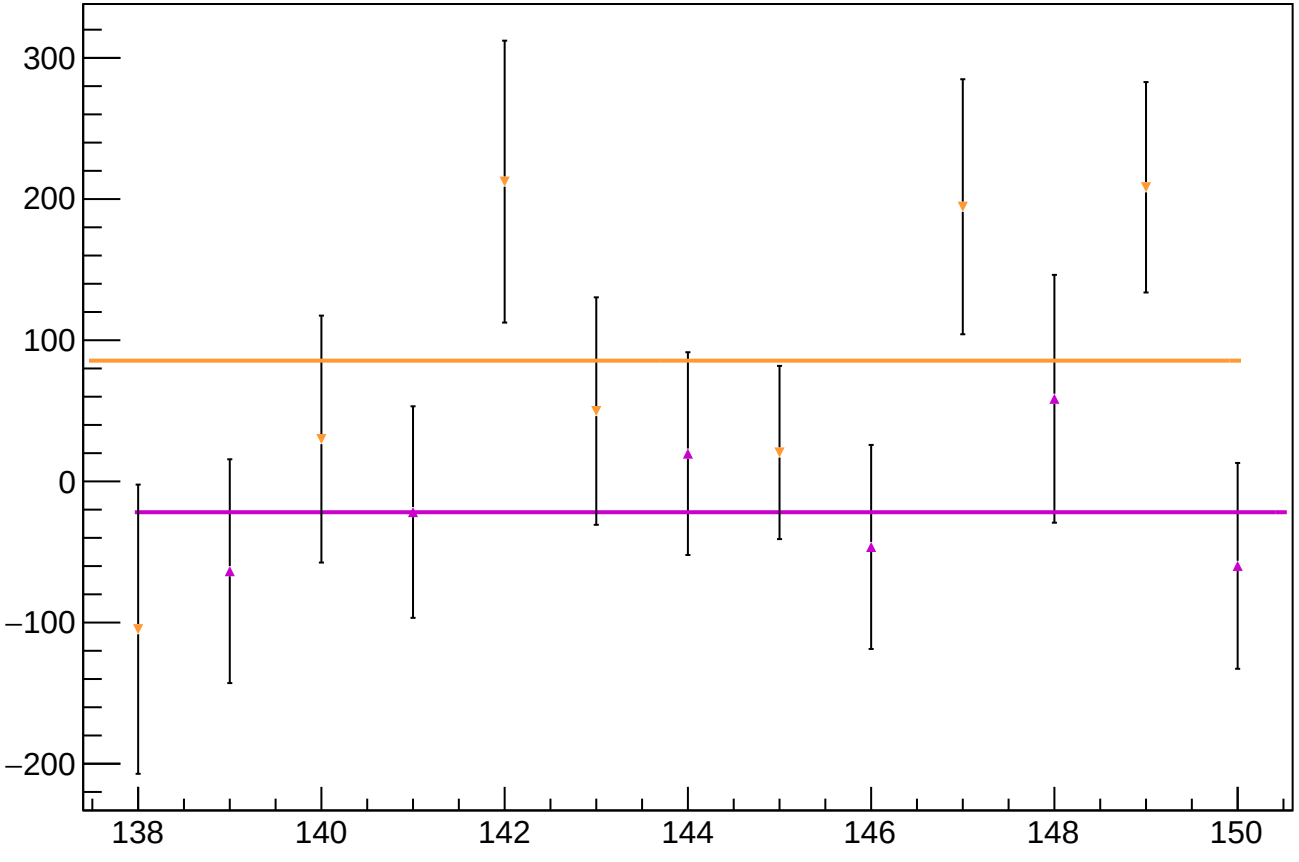
Left In: 440.807+/-0.142 χ^2/NDF:295888.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 440.739+/-0.101 χ^2/NDF: 574919.2/12

- 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: 85.549+/-30.881 χ^2/NDF:11.0/6

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

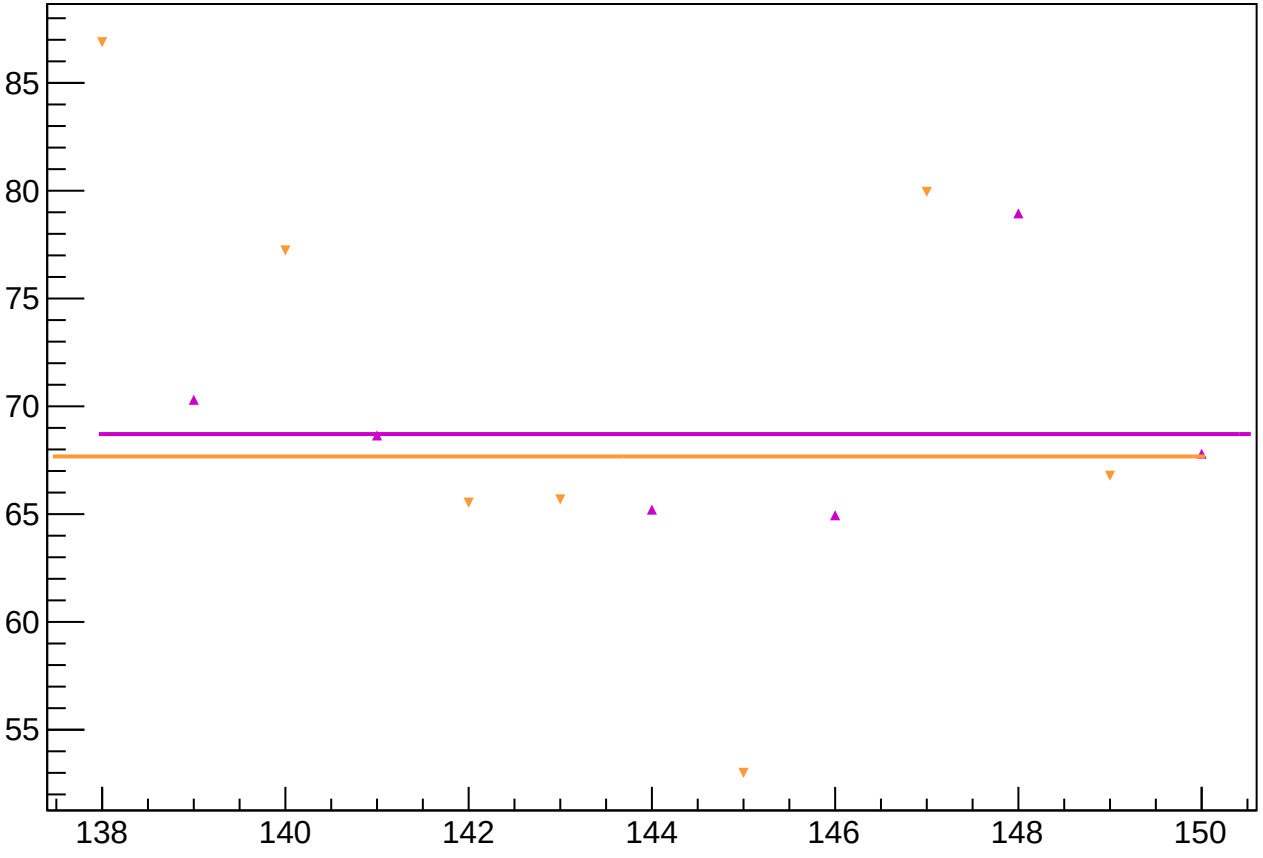
Left In: -21.839+/-31.002 χ^2/NDF:1.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 32.065+/-21.879 χ^2/NDF: 18.8/12

- 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: 67.677+/-0.022 χ^2/NDF:247986.1/6

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

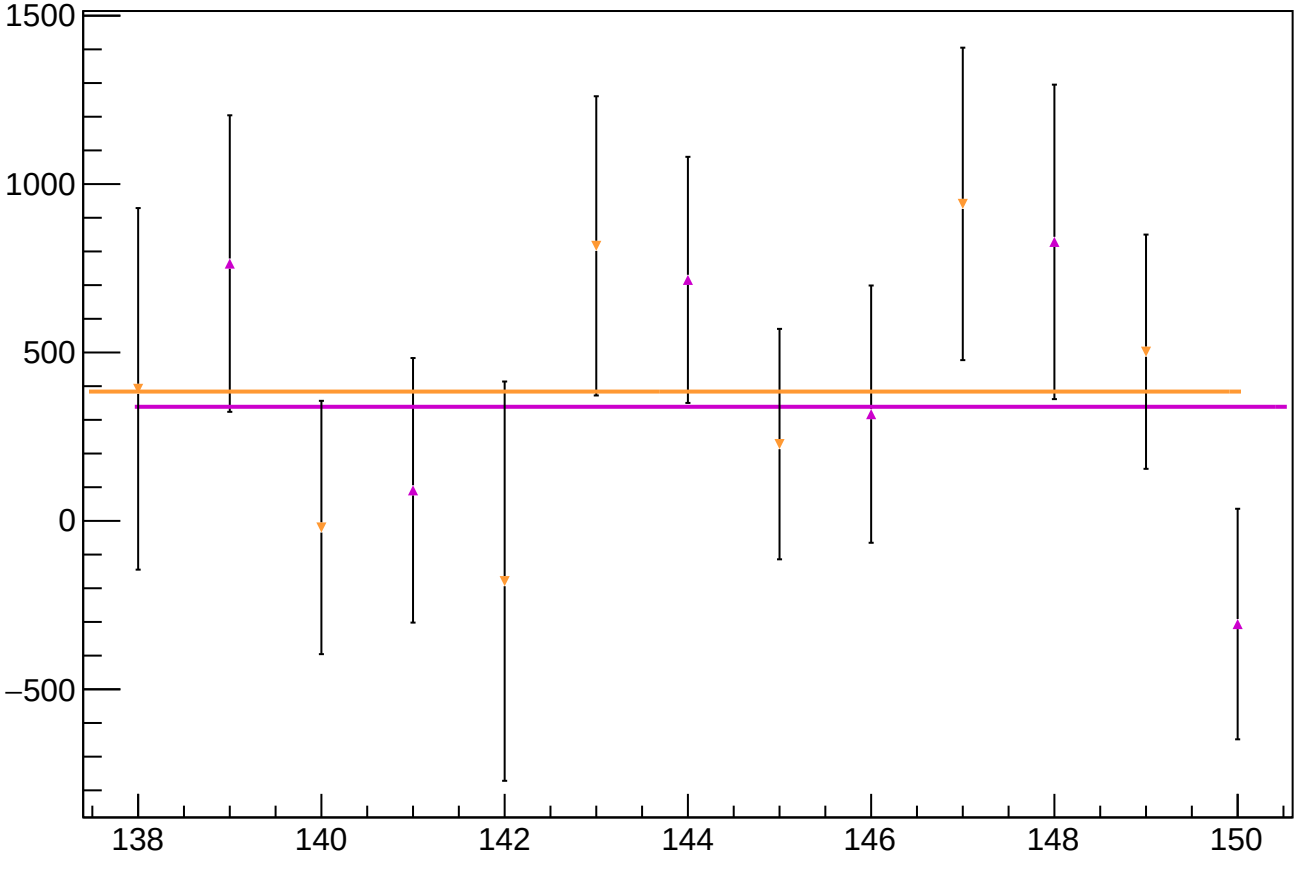
Left In: 68.714+/-0.022 χ^2/NDF:38513.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 68.193+/-0.015 χ^2/NDF: 287623.2/12

- 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: 383.979+/-158.279 χ^2/NDF:4.8/6

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

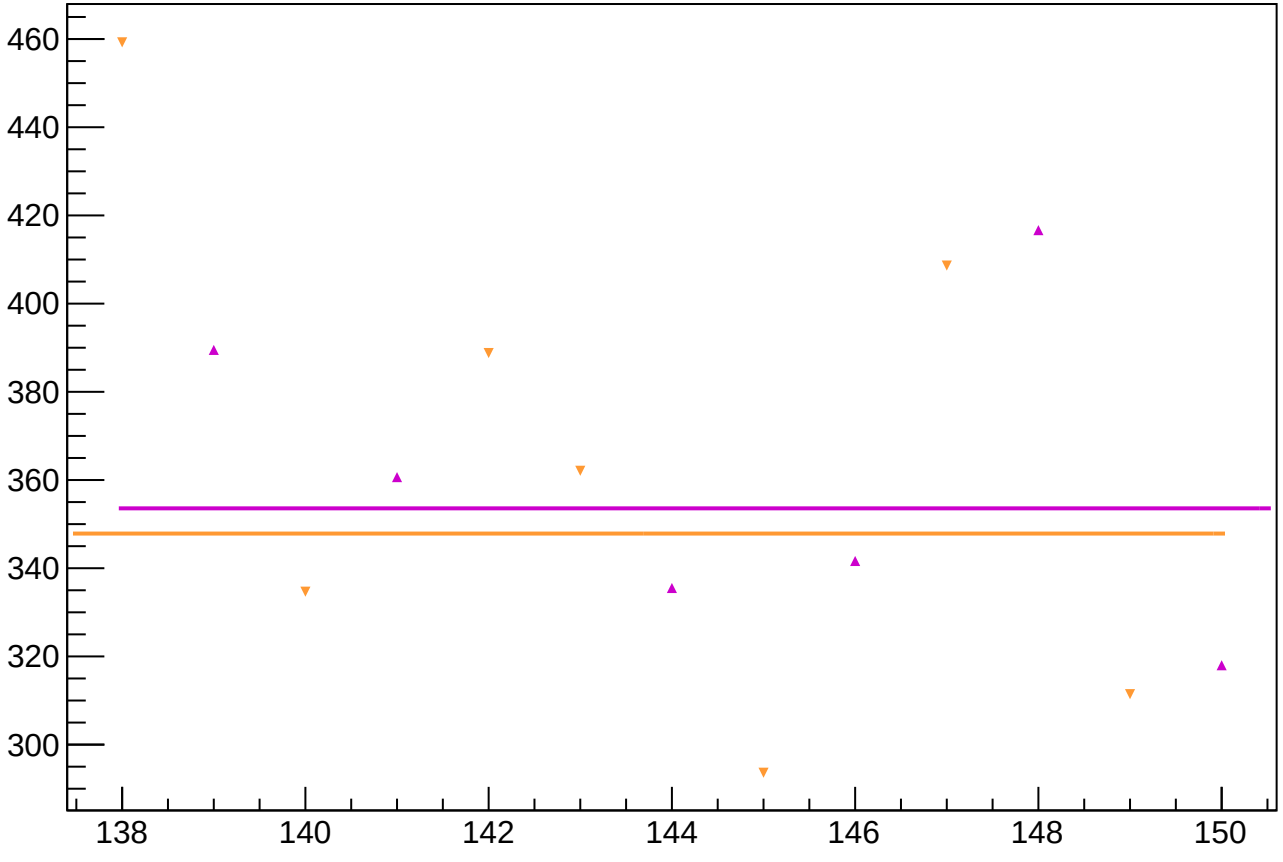
Left In: 338.792+/-159.895 χ^2/NDF:7.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 361.615+/-112.487 χ^2/NDF: 11.9/12

- 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: 347.859+/-0.112 χ^2/NDF:206702.7/6

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

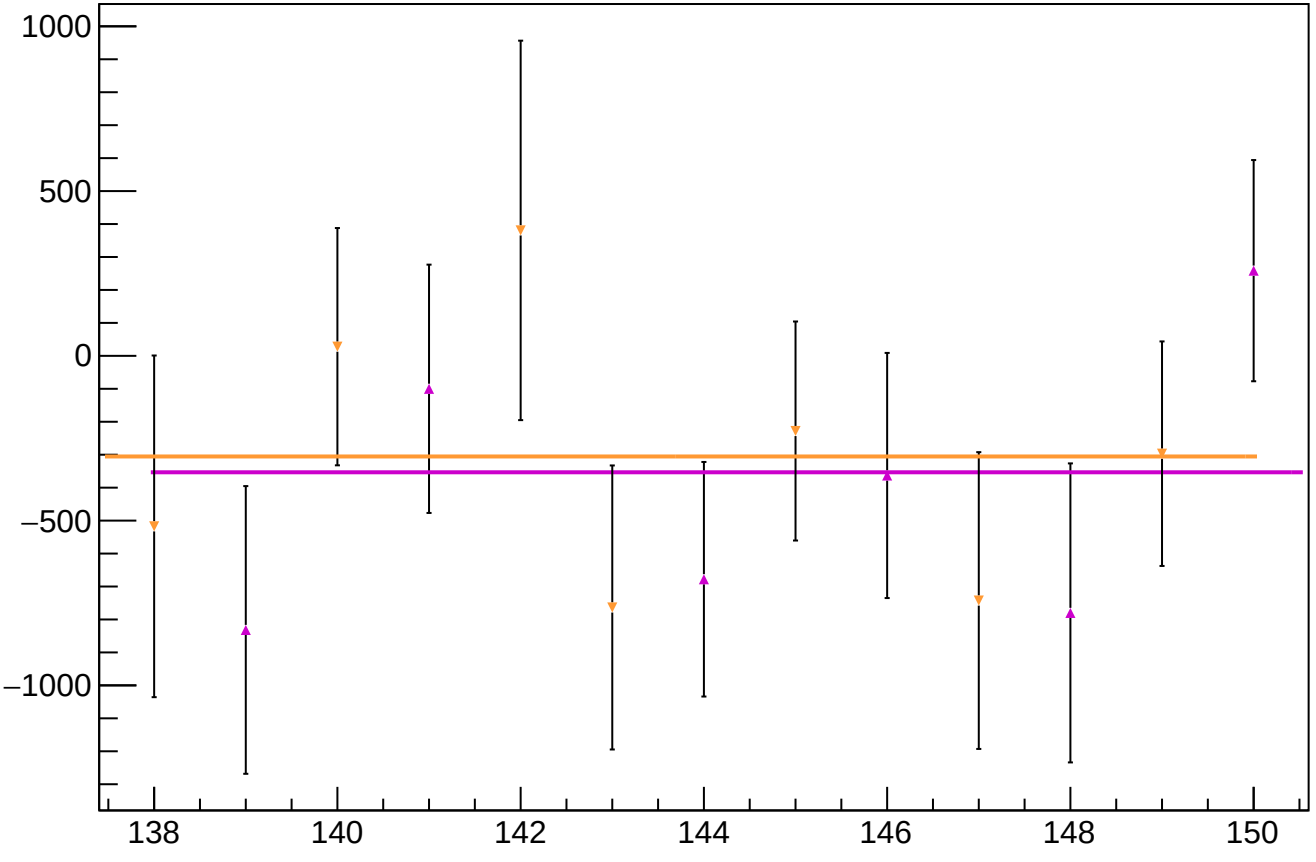
Left In: 353.577+/-0.113 χ^2/NDF:78946.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 350.689+/-0.080 χ^2/NDF: 286940.8/12

- 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: -305.356+/-153.508 χ^2/NDF:4.6/6

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

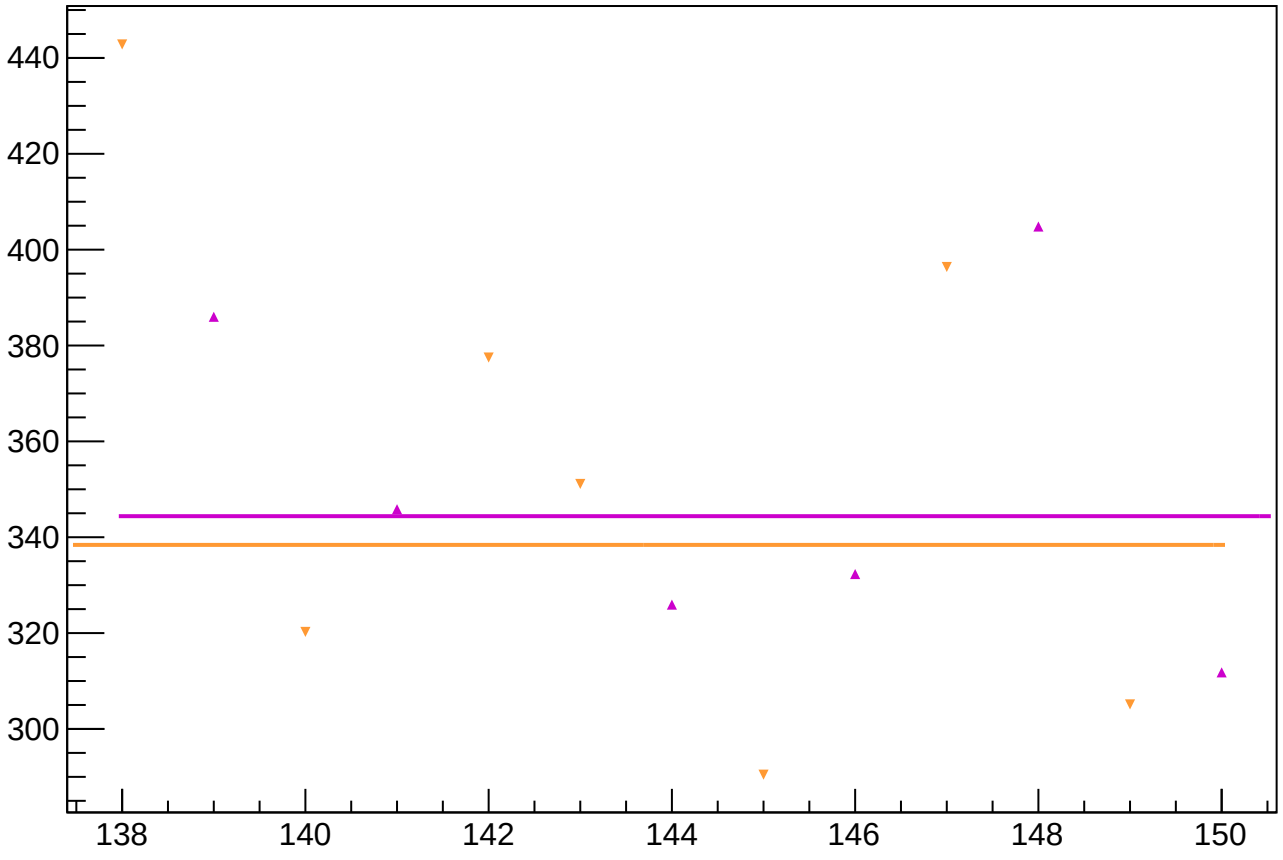
Left In: -353.352+/-155.894 χ^2/NDF:6.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -328.984+/-109.380 χ^2/NDF: 11.3/12

- 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: 338.400+/-0.109 χ^2/NDF:191057.0/6

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

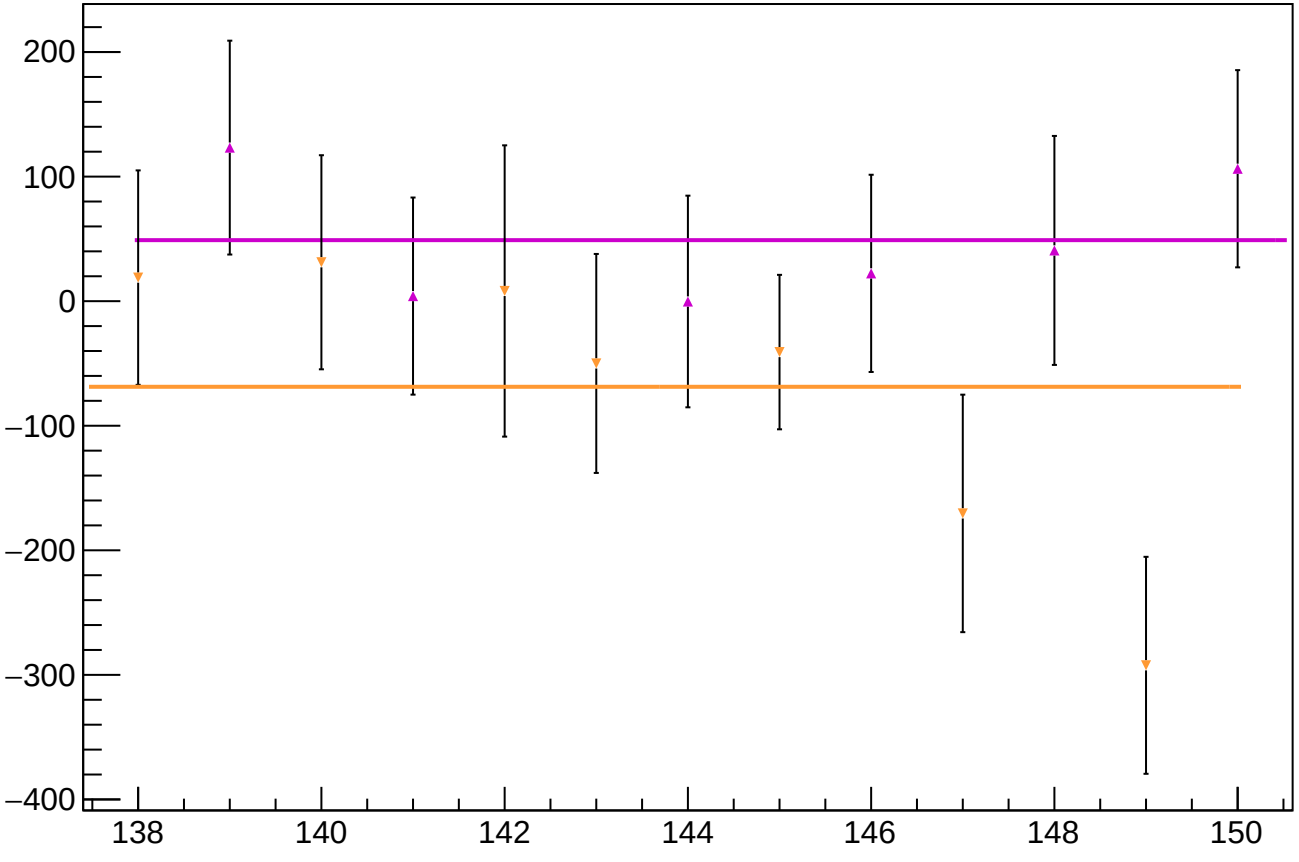
Left In: 344.393+/-0.110 χ^2/NDF:80017.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 341.350+/-0.077 χ^2/NDF: 272575.6/12

- 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: -68.730+/-32.026 χ^2/NDF:10.8/6

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

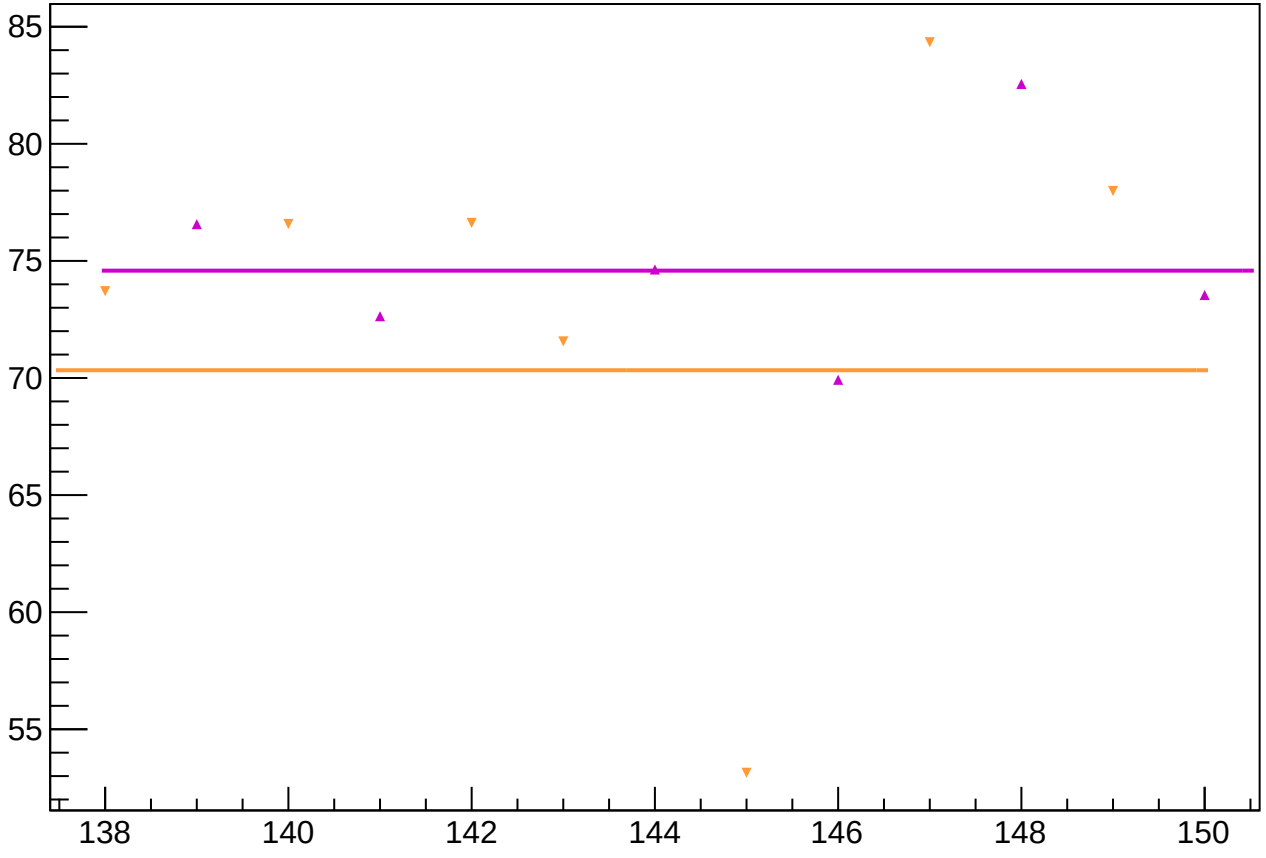
Left In: 48.991+/-33.873 χ^2/NDF:2.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.167+/-23.271 χ^2/NDF: 19.2/12

- 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: 70.331+/-0.023 χ^2/NDF:232180.9/6

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

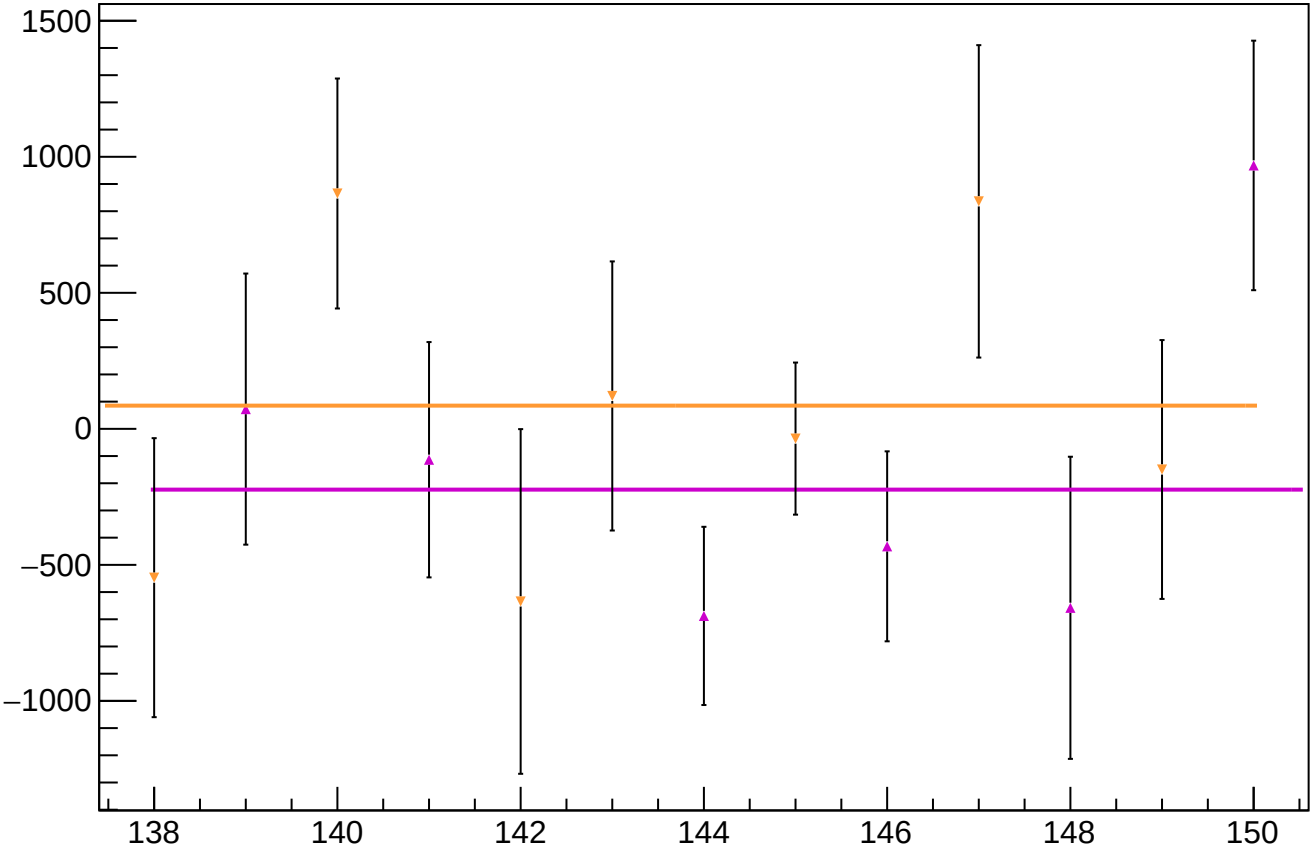
Left In: 74.584+/-0.024 χ^2/NDF:24613.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 72.339+/-0.016 χ^2/NDF: 273442.1/12

- 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: 85.339+/-166.141 χ^2/NDF:8.4/6

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

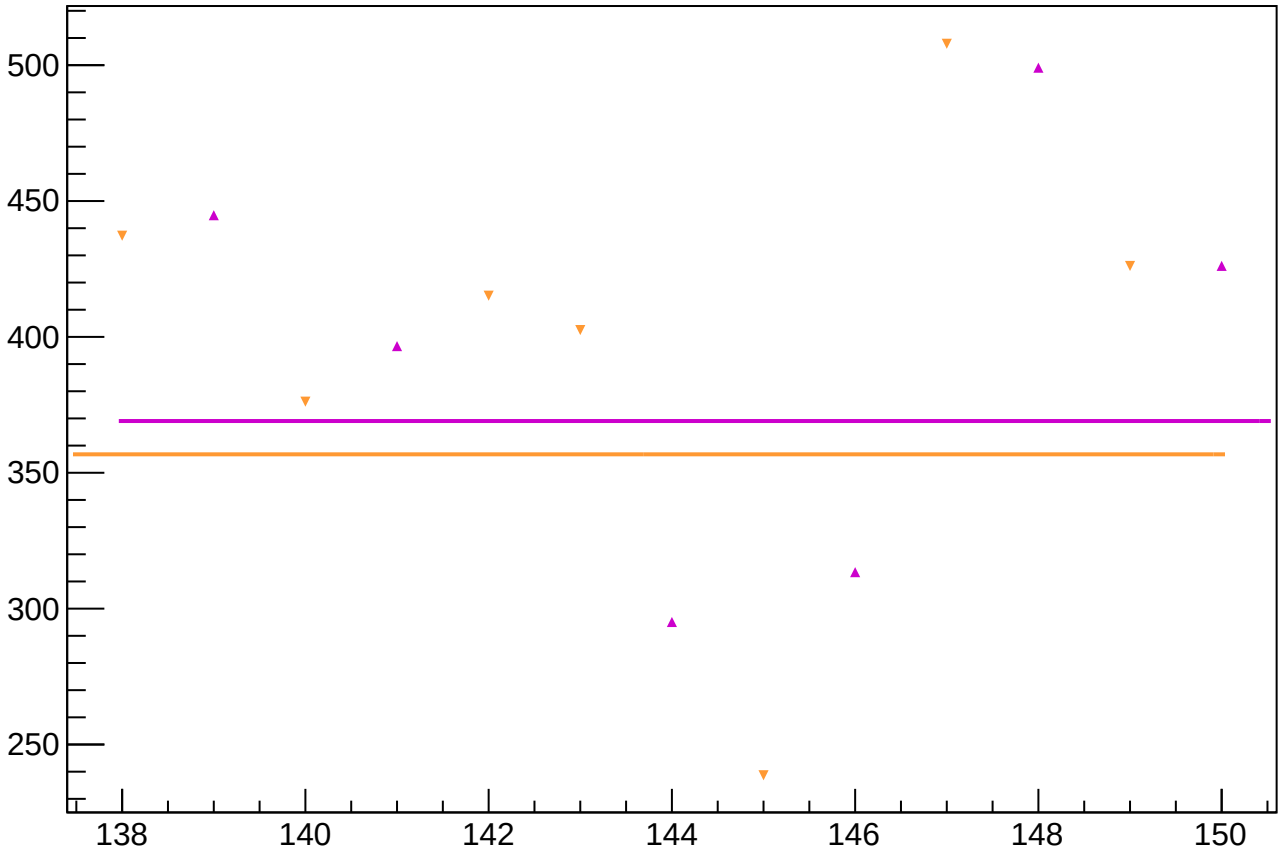
Left In: -223.420+/-169.283 χ^2/NDF:10.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -66.148+/-118.575 χ^2/NDF: 20.2/12

- 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: 356.788+/-0.117 χ^2/NDF:625458.2/6

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

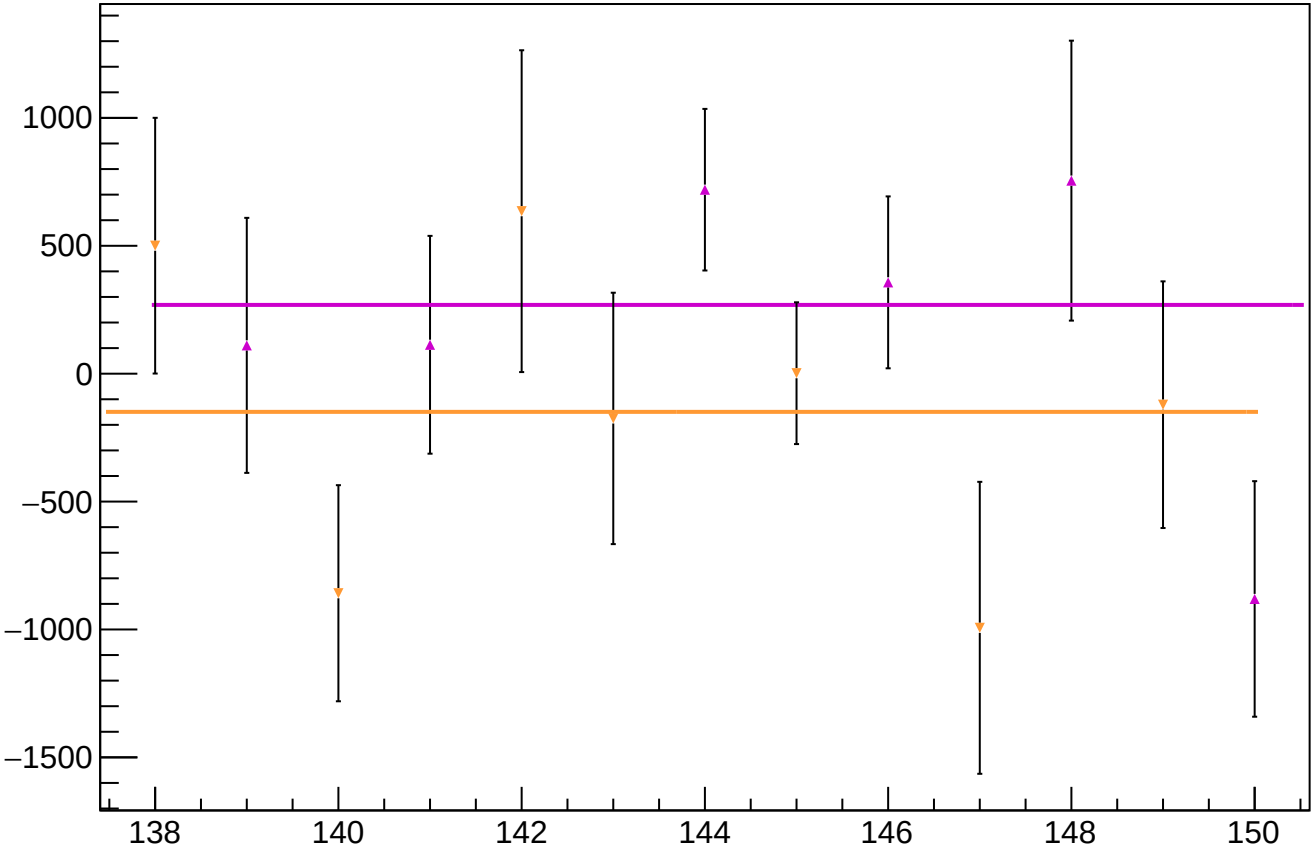
Left In: 369.043+/-0.120 χ^2/NDF:347726.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 362.801+/-0.084 χ^2/NDF: 978524.4/12

- 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: -149.249+/-165.146 χ^2/NDF:8.6/6

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

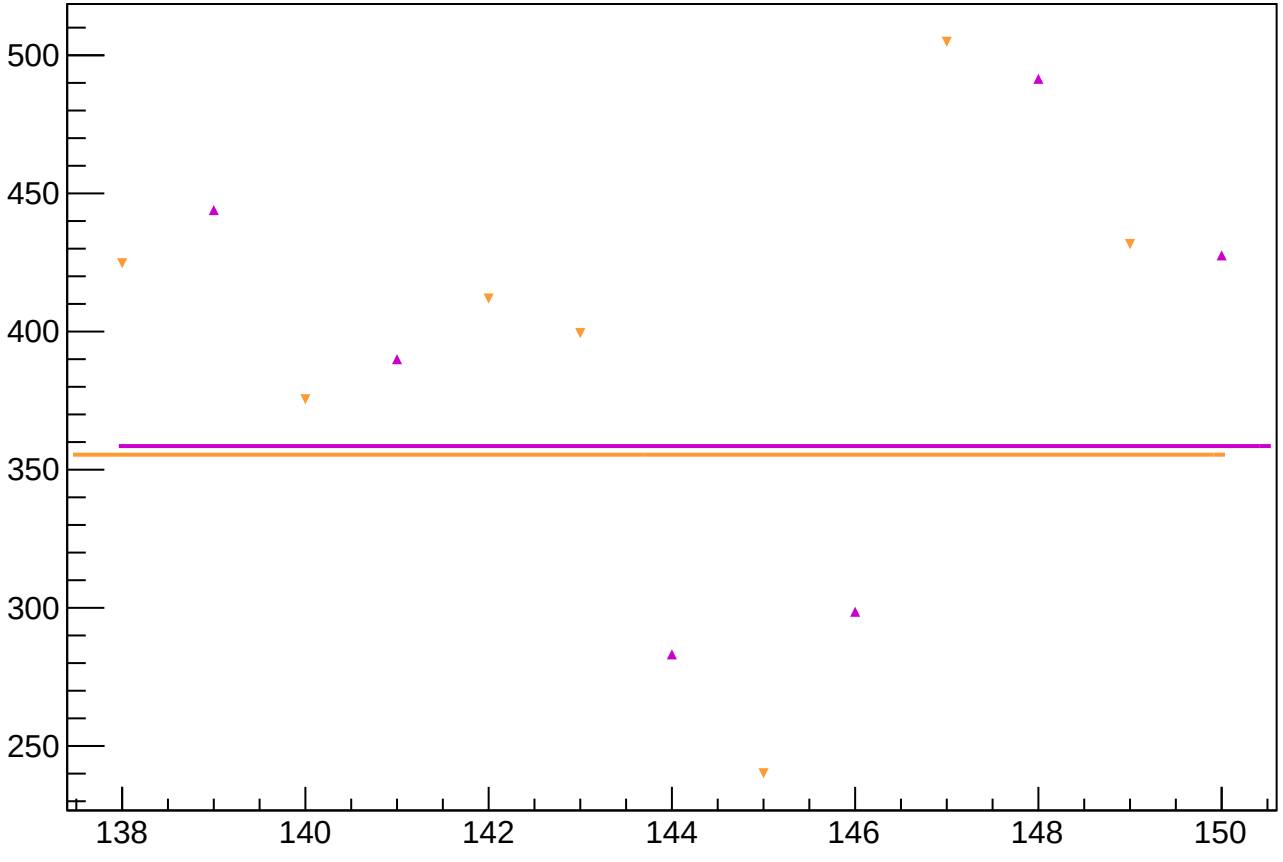
Left In: 268.876+/-165.580 χ^2/NDF:9.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 59.265+/-116.929 χ^2/NDF: 21.1/12

- 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: 355.434+/-0.117 χ^2/NDF:608482.9/6

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

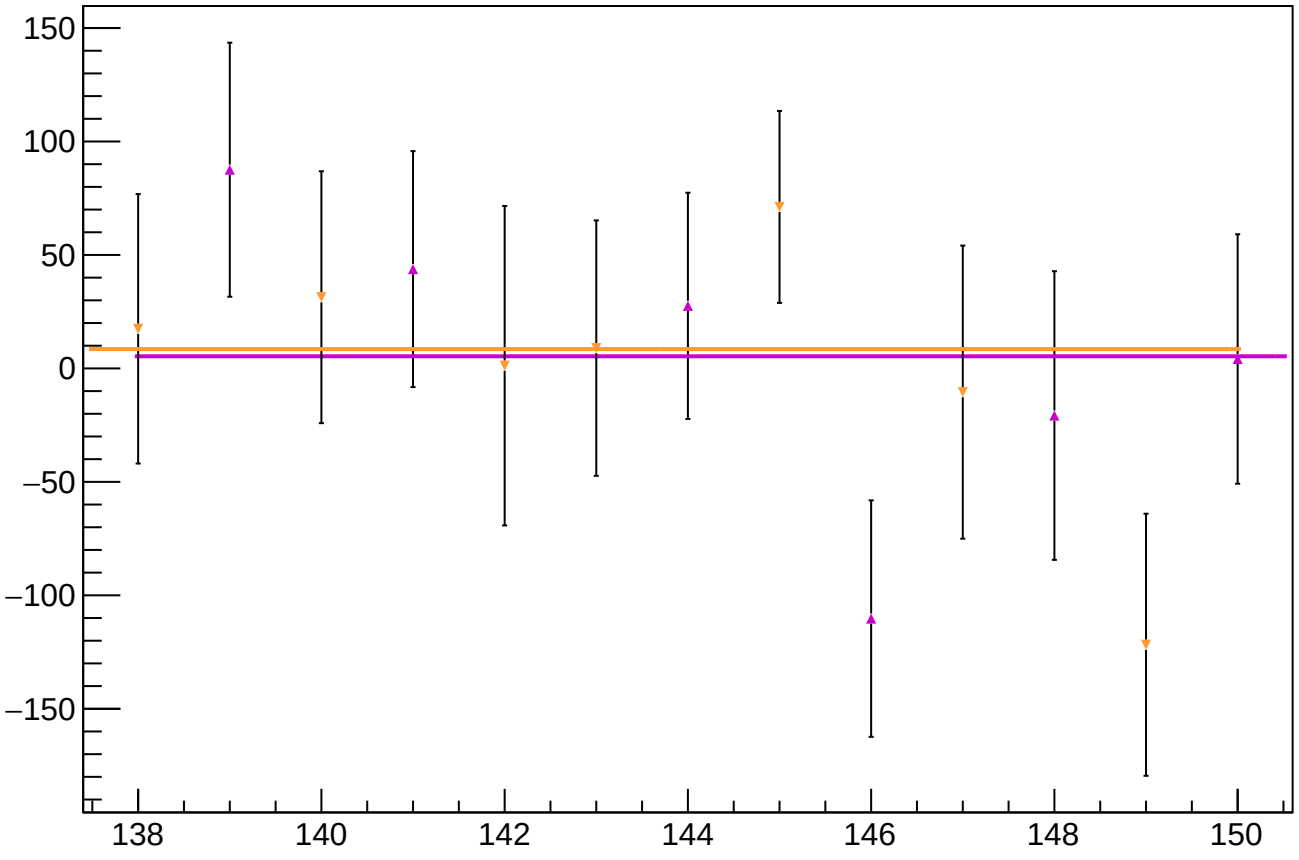
Left In: 358.555+/-0.117 χ^2/NDF:410209.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 356.990+/-0.083 χ^2/NDF: 1019048.7/12

- 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: 8.527+/-21.203 χ^2/NDF:7.6/6

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

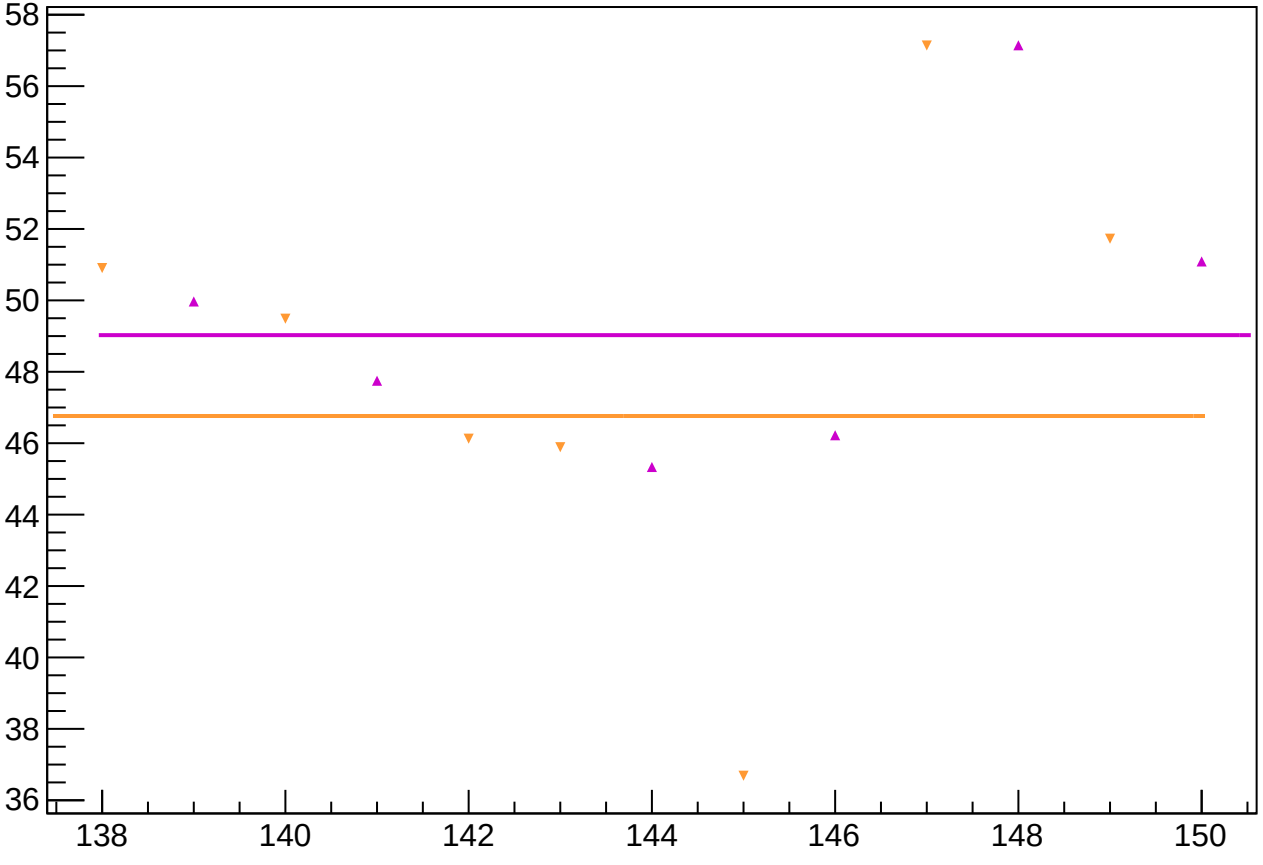
Left In: 5.334+/-22.151 χ^2/NDF:8.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.000+/-15.317 χ^2/NDF: 15.6/12

- 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: 46.762+/-0.015 χ^2/NDF:195086.7/6

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

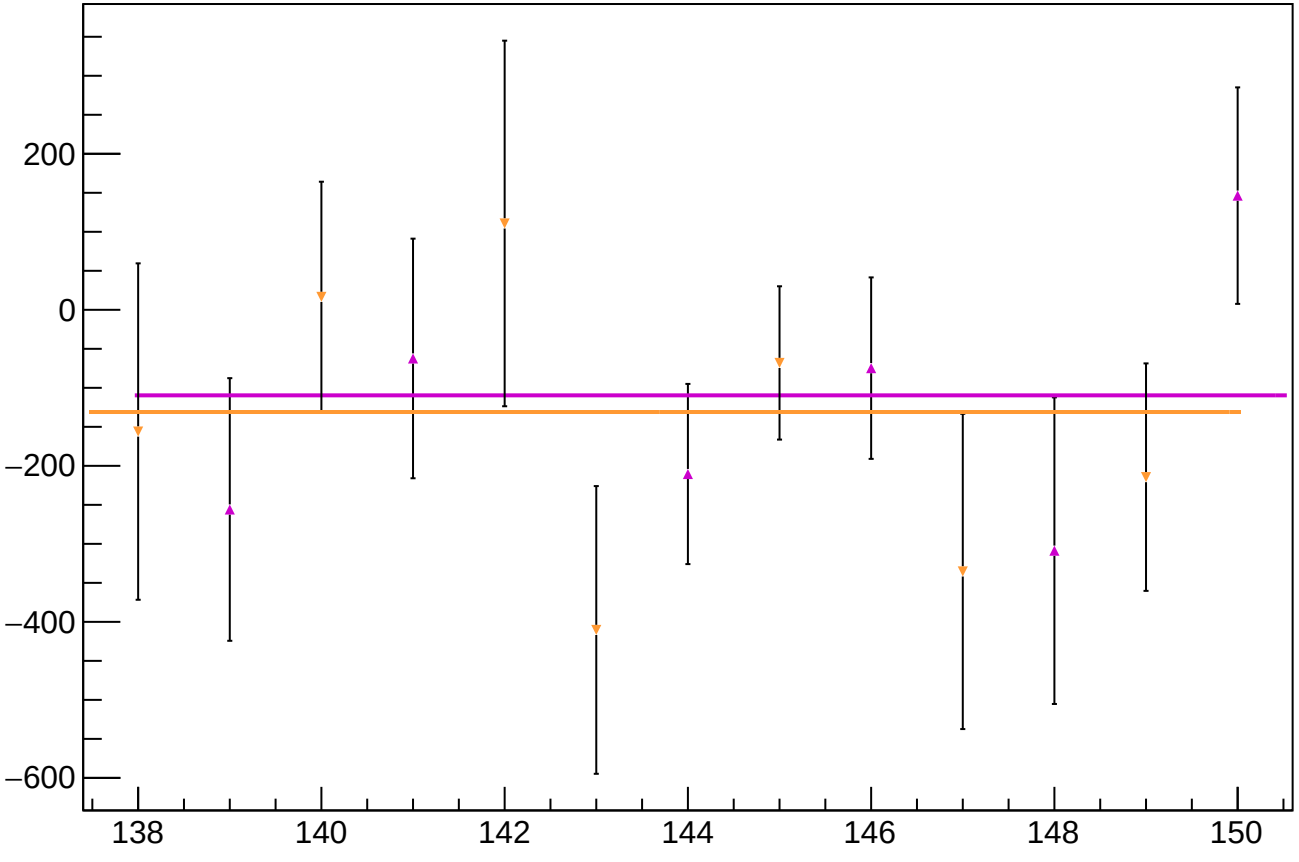
Left In: 49.027+/-0.016 χ^2/NDF:53938.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 47.845+/-0.011 χ^2/NDF: 259934.3/12

- 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: -130.989+/-58.708 χ^2/NDF:6.1/6

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

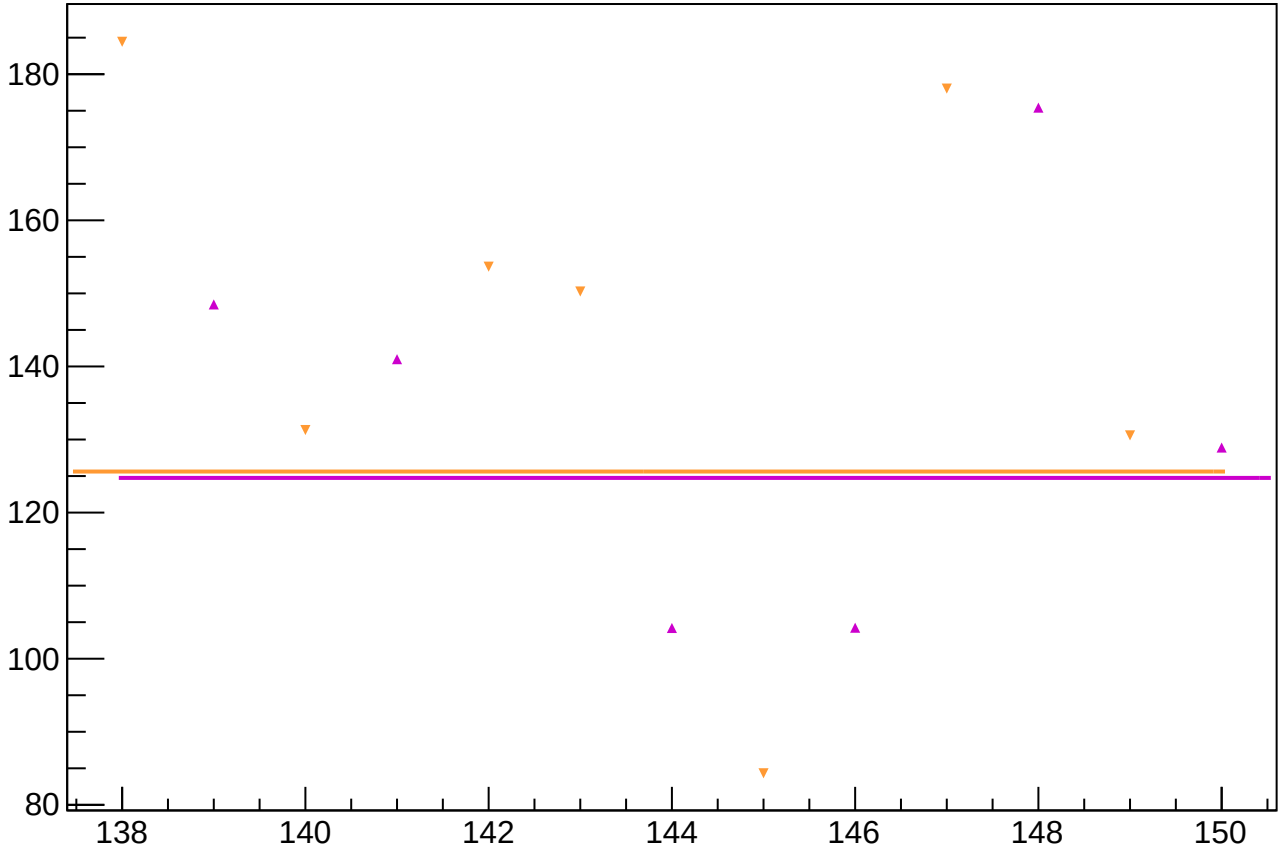
Left In: -109.638+/-57.315 χ^2/NDF:6.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -120.057+/-41.012 χ^2/NDF: 12.3/12

- 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: 125.619+/-0.042 χ^2/NDF:706335.7/6

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

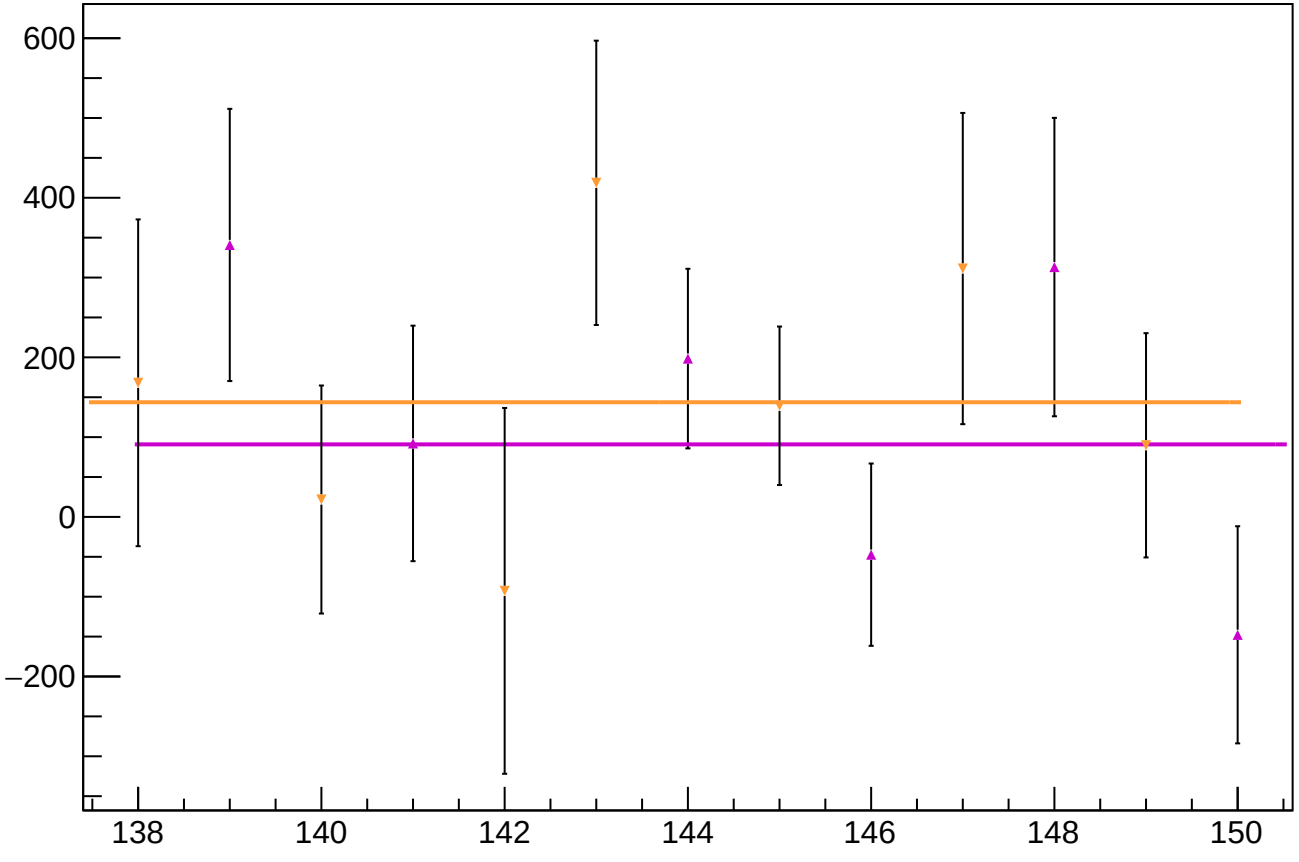
Left In: 124.746+/-0.041 χ^2/NDF:322397.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 125.172+/-0.029 χ^2/NDF: 1028959.5/12

- 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: 143.716+/-57.581 χ^2/NDF:5.1/6

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

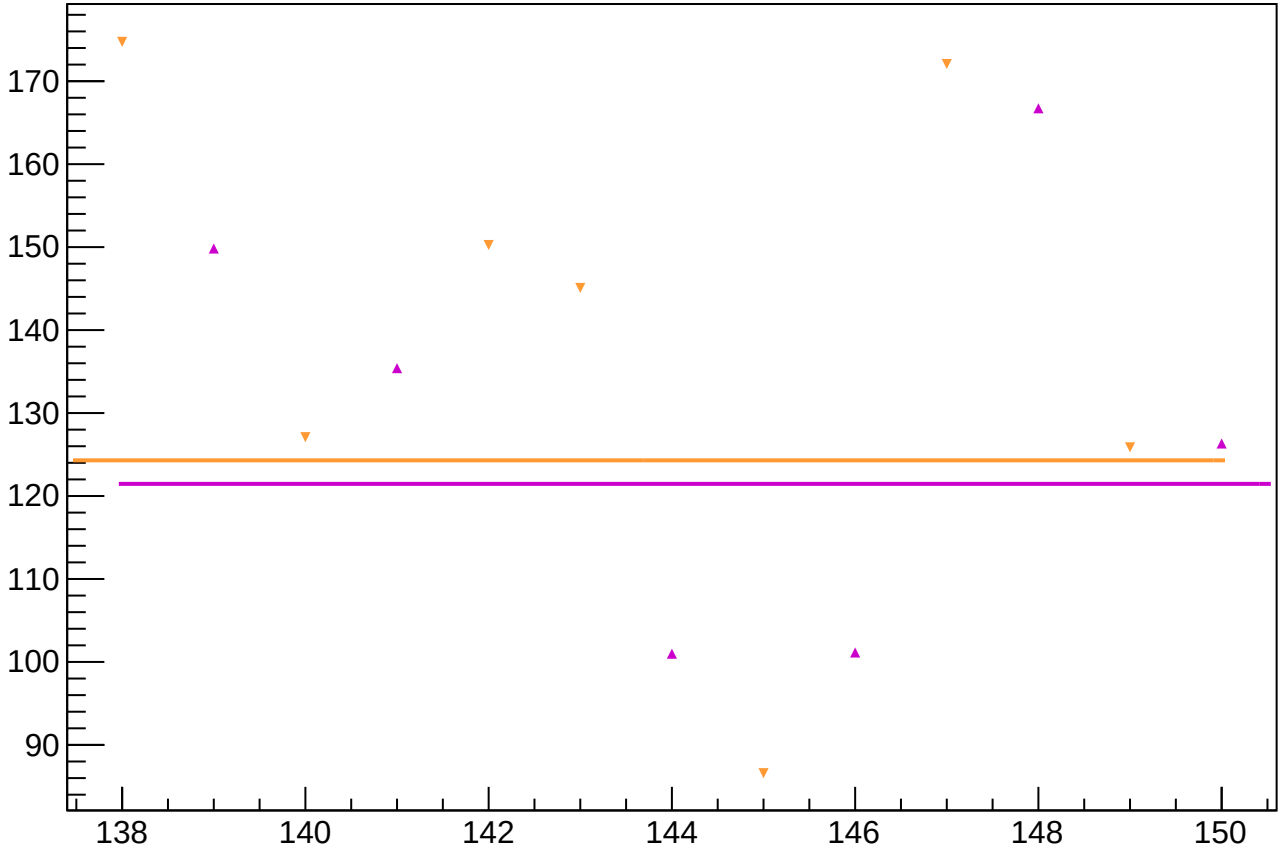
Left In: 90.925+/-56.039 χ^2/NDF:9.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 116.604+/-40.160 χ^2/NDF: 14.5/12

- 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: 124.300+/-0.041 χ^2/NDF:583441.8/6

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

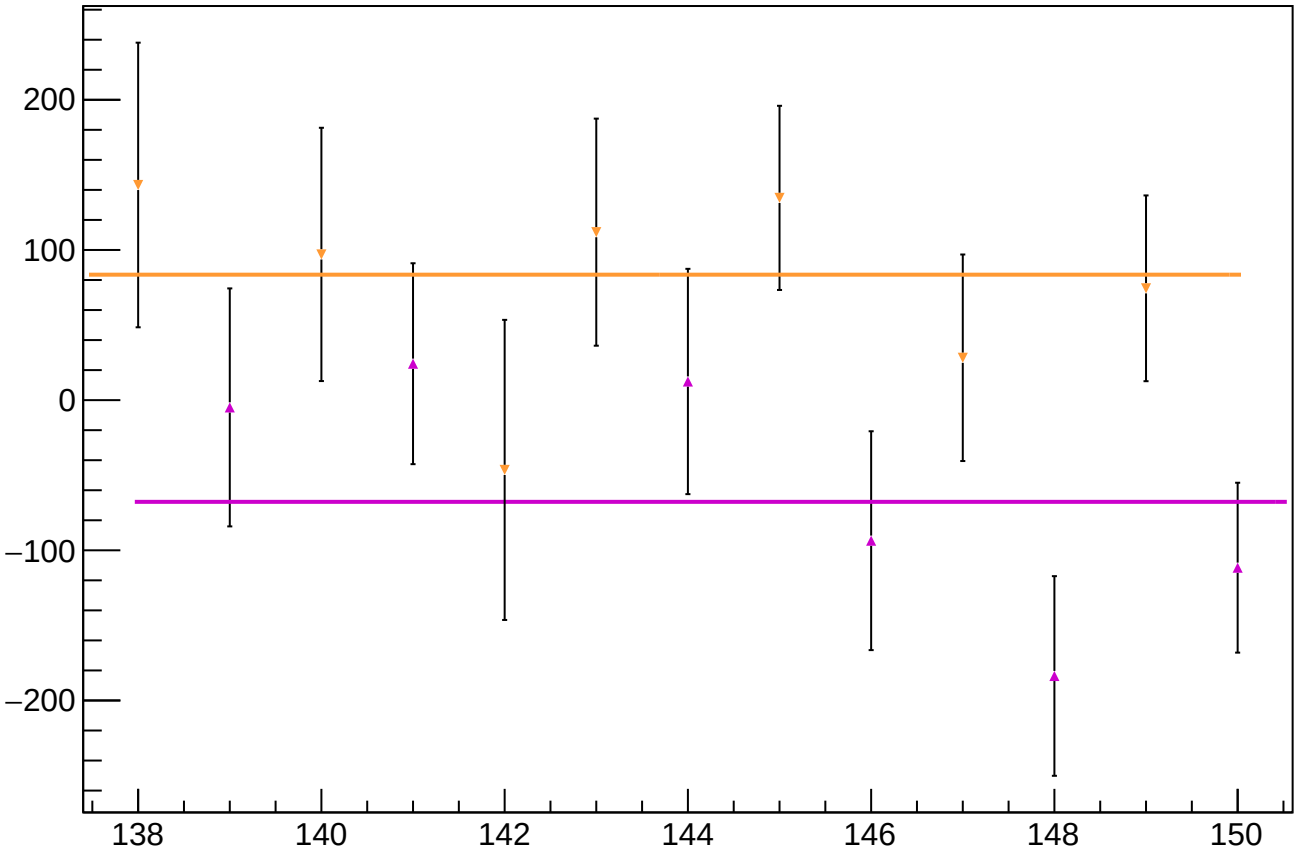
Left In: 121.463+/-0.040 χ^2/NDF:322381.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 122.843+/-0.028 χ^2/NDF: 908315.8/12

- 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: 83.549+/-28.106 χ^2/NDF:3.6/6

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

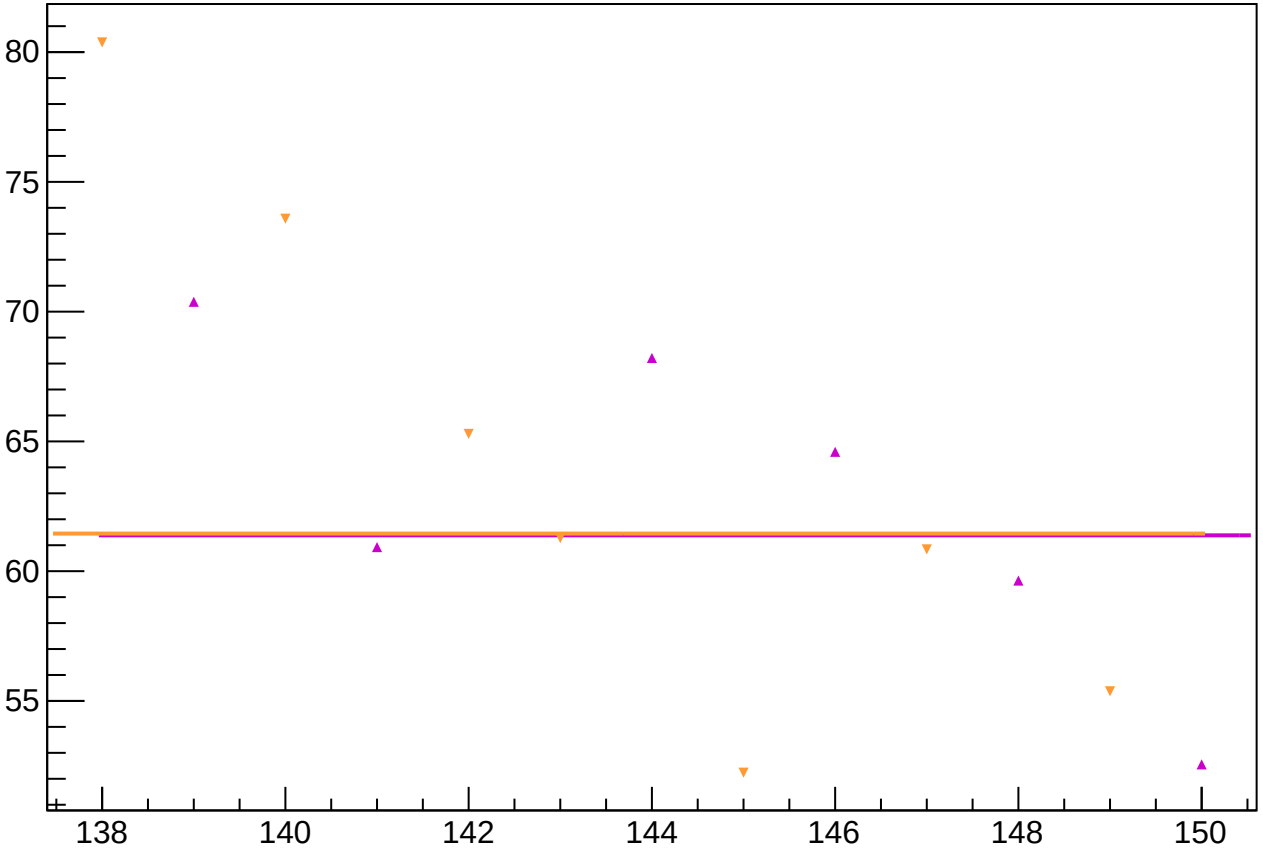
Left In: -67.726+/-27.868 χ^2/NDF:7.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.267+/-19.789 χ^2/NDF: 25.7/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 61.449+/-0.020 χ^2/NDF:188730.6/6

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

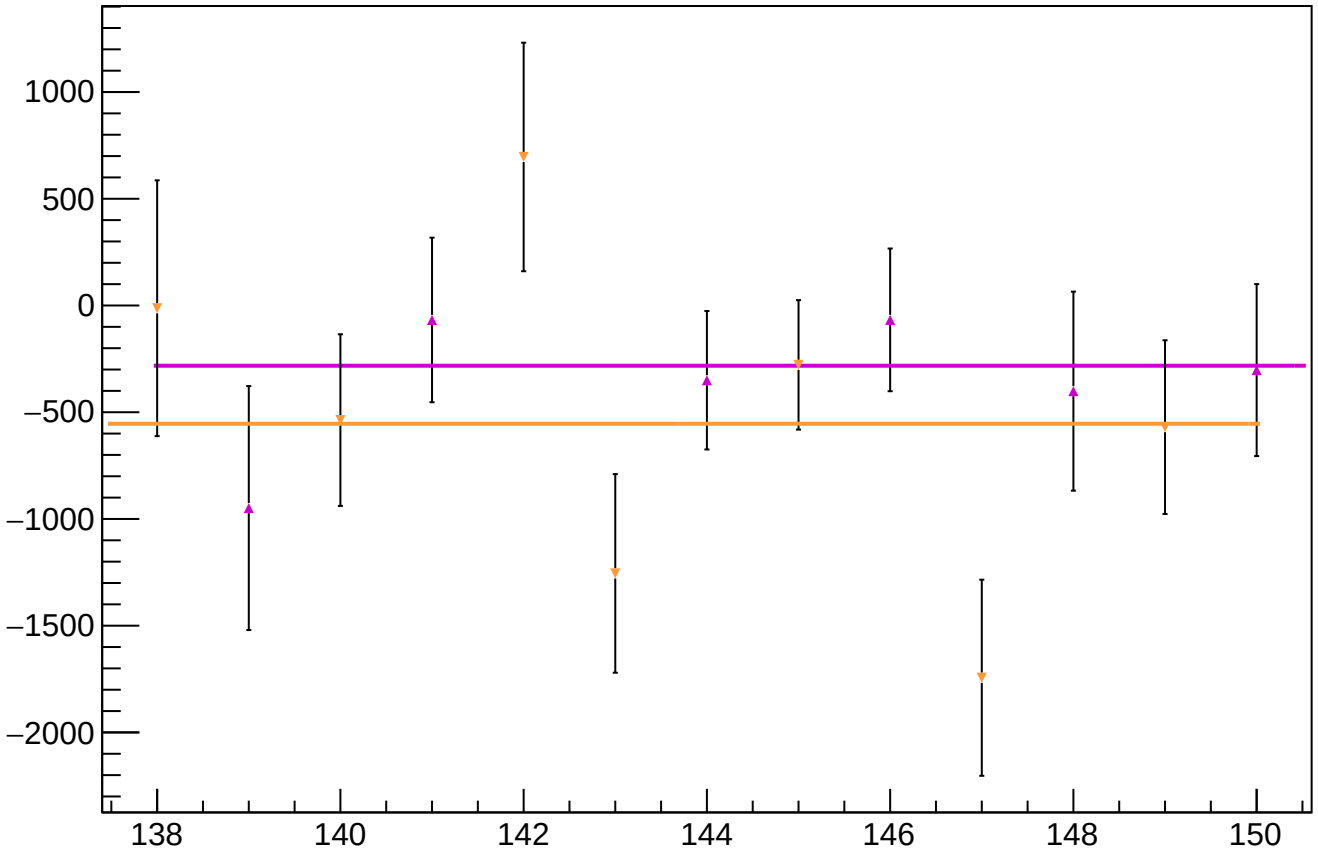
Left In: 61.381+/-0.020 χ^2/NDF:96443.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.415+/-0.014 χ^2/NDF: 285179.7/12

- 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: -553.977+/-160.688 χ^2/NDF:16.1/6

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

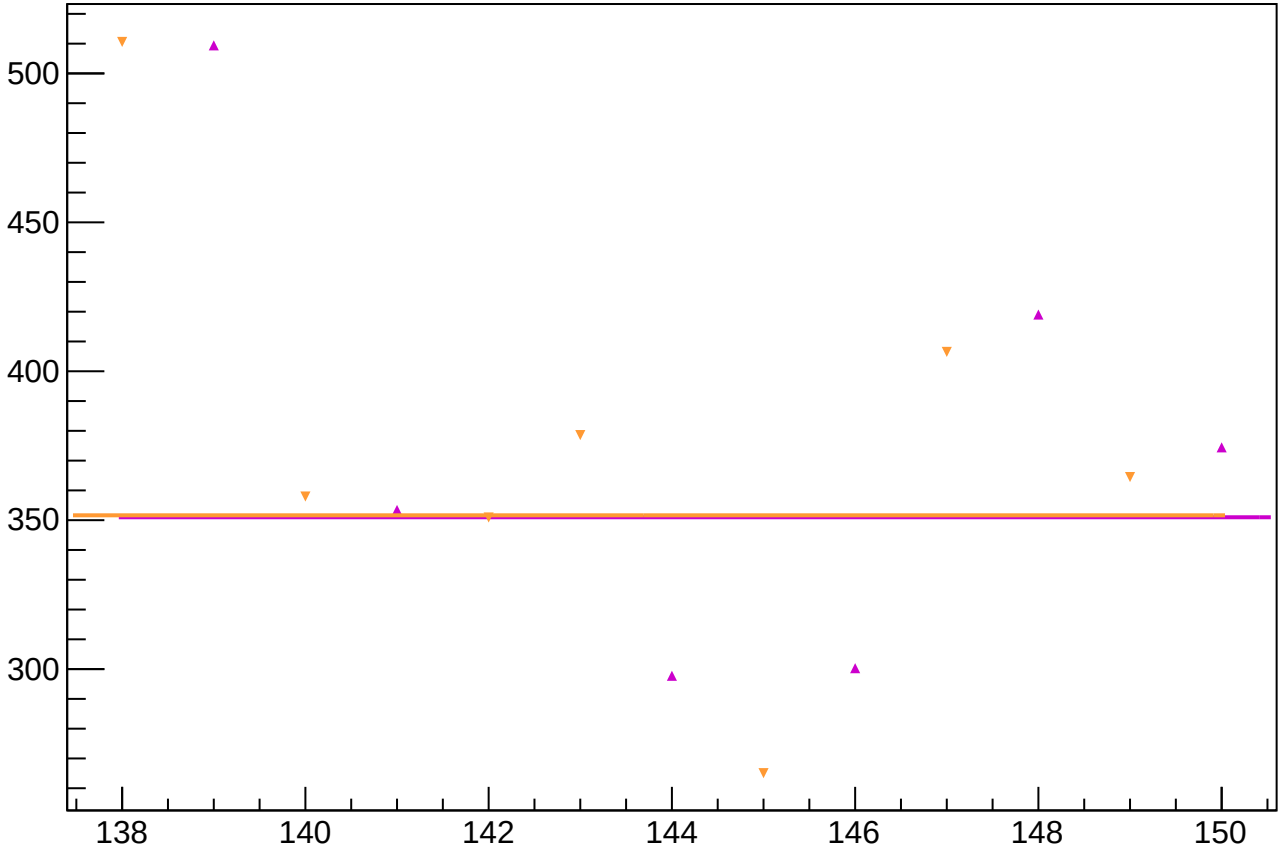
Left In: -282.041+/-160.103 χ^2/NDF:2.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -417.513+/-113.416 χ^2/NDF: 19.7/12

- 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: 351.638+/-0.114 χ^2/NDF:341389.1/6

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

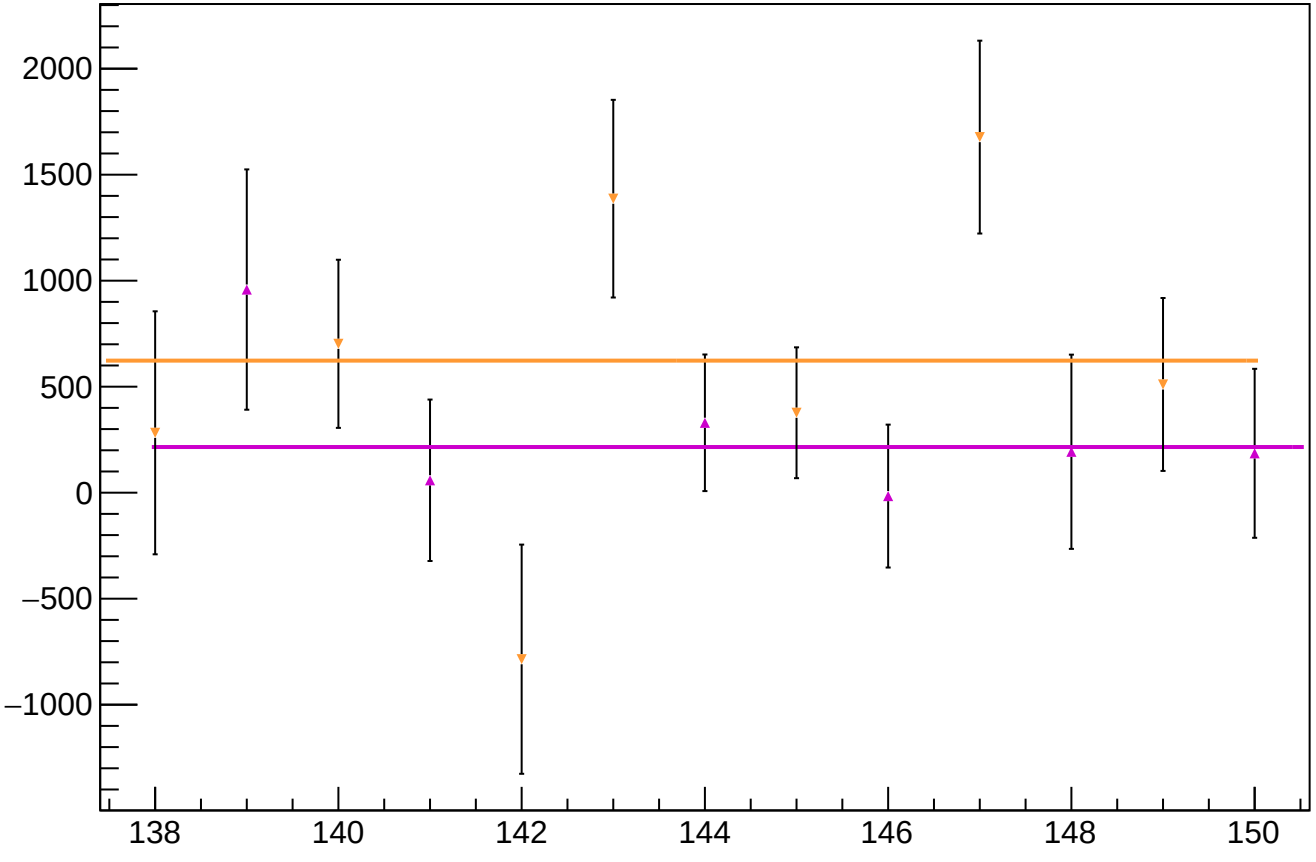
Left In: 350.981+/-0.113 χ^2/NDF:303057.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 351.308+/-0.080 χ^2/NDF: 644463.7/12

- 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: 622.942+/-160.589 χ^2/NDF:16.0/6

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

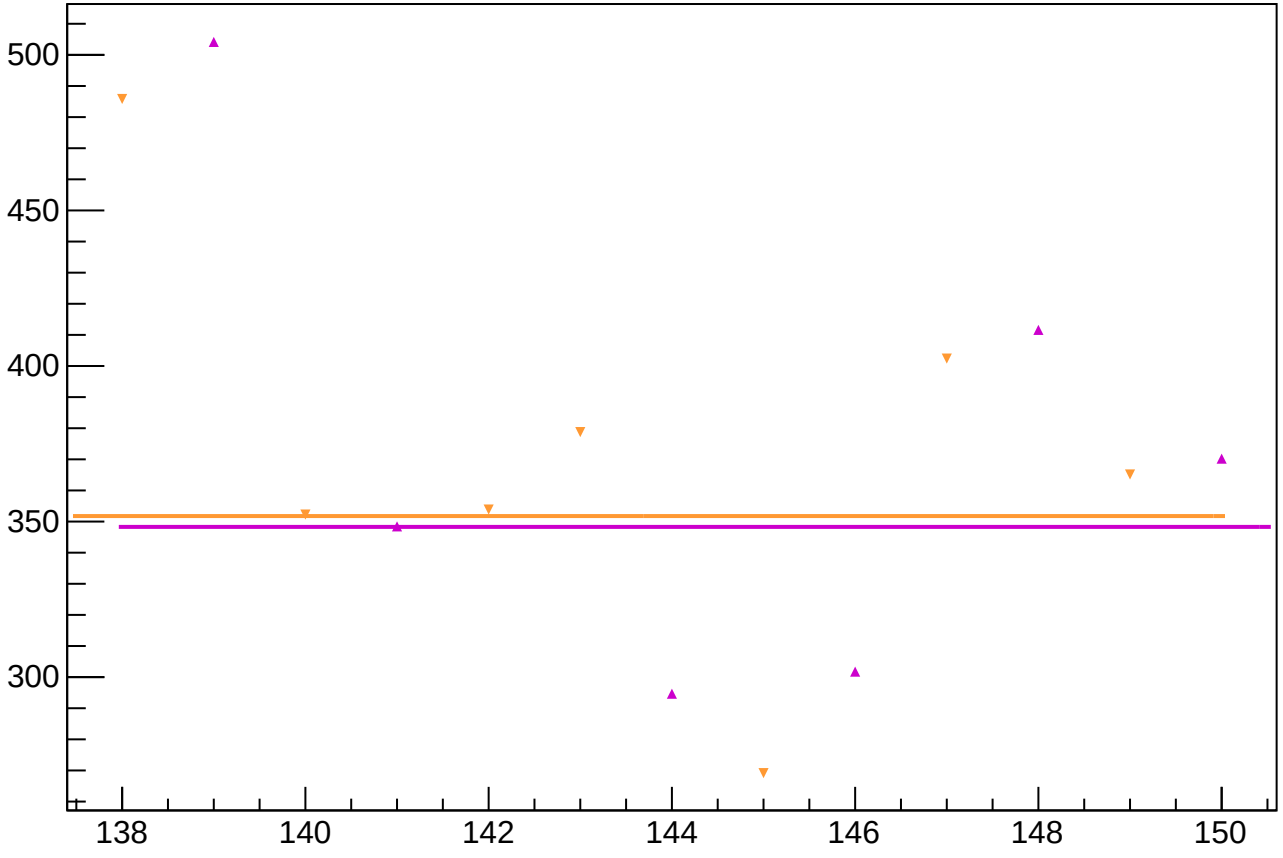
Left In: 215.411+/-159.086 χ^2/NDF:2.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 417.261+/-113.019 χ^2/NDF: 21.7/12

- 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: 351.767+/-0.114 χ^2/NDF:286472.4/6

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

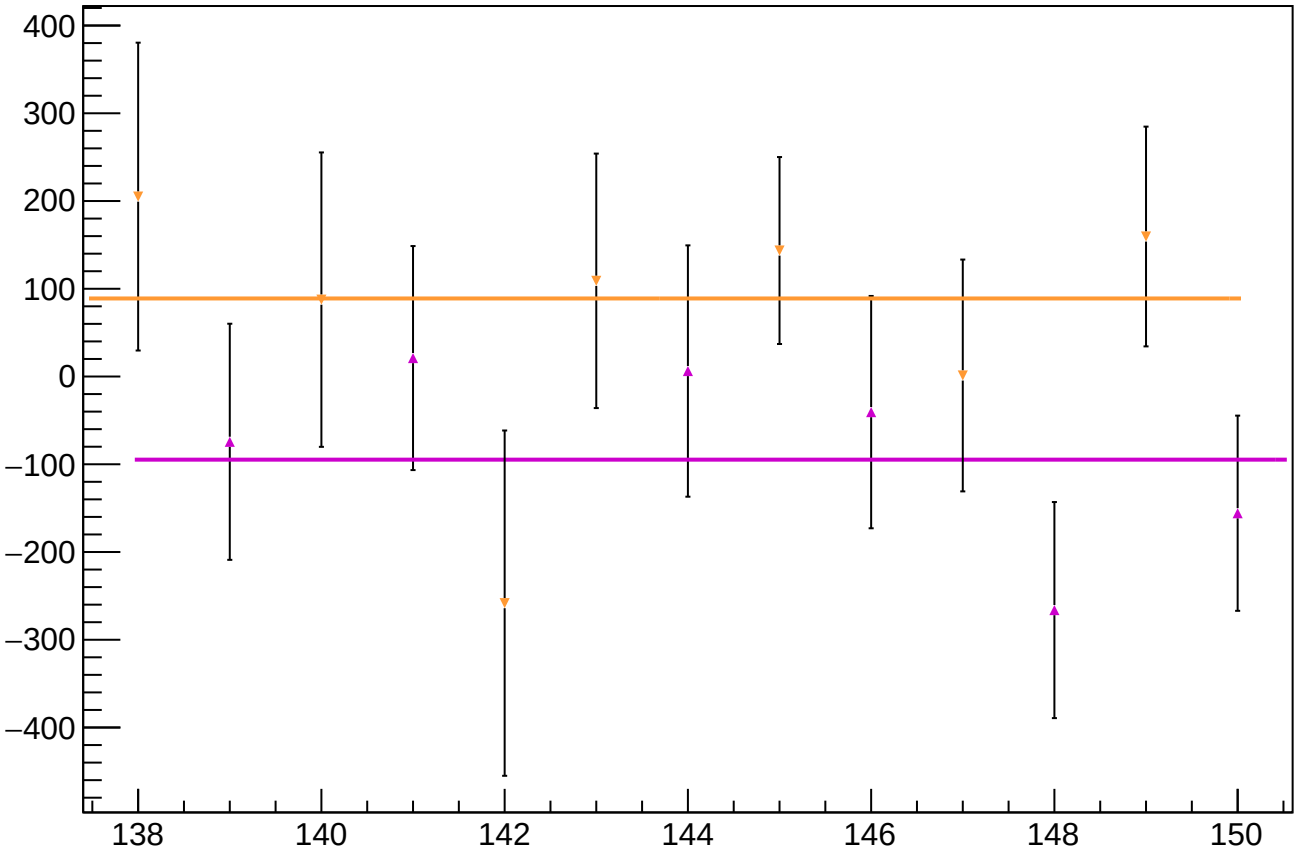
Left In: 348.287+/-0.112 χ^2/NDF:289059.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 350.011+/-0.080 χ^2/NDF: 576005.7/12

- 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: 88.949+/-53.407 χ^2/NDF:4.6/6

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

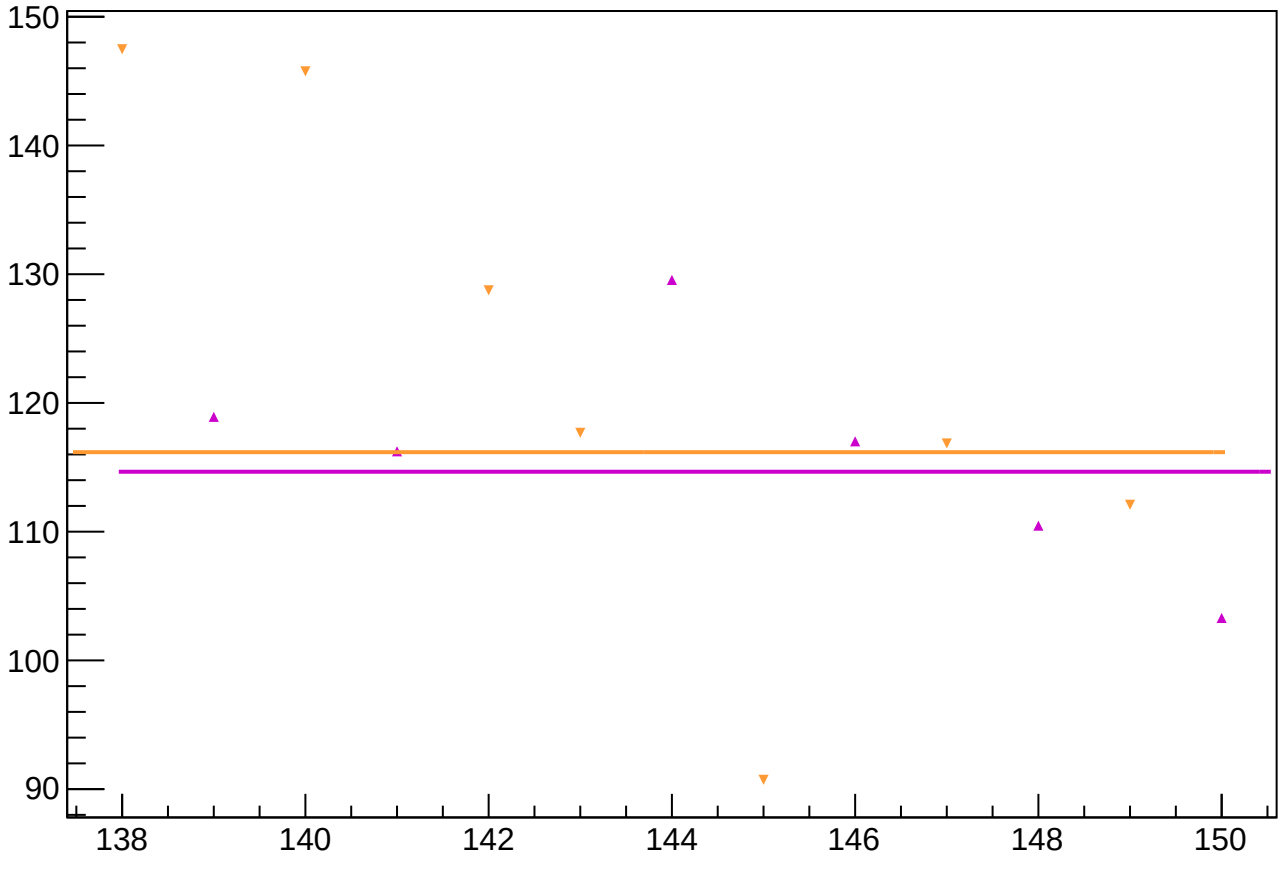
Left In: -94.746+/-52.042 χ^2/NDF:3.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.275+/-37.272 χ^2/NDF: 14.4/12

- 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: 116.176+/-0.038 χ^2/NDF:250585.6/6

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

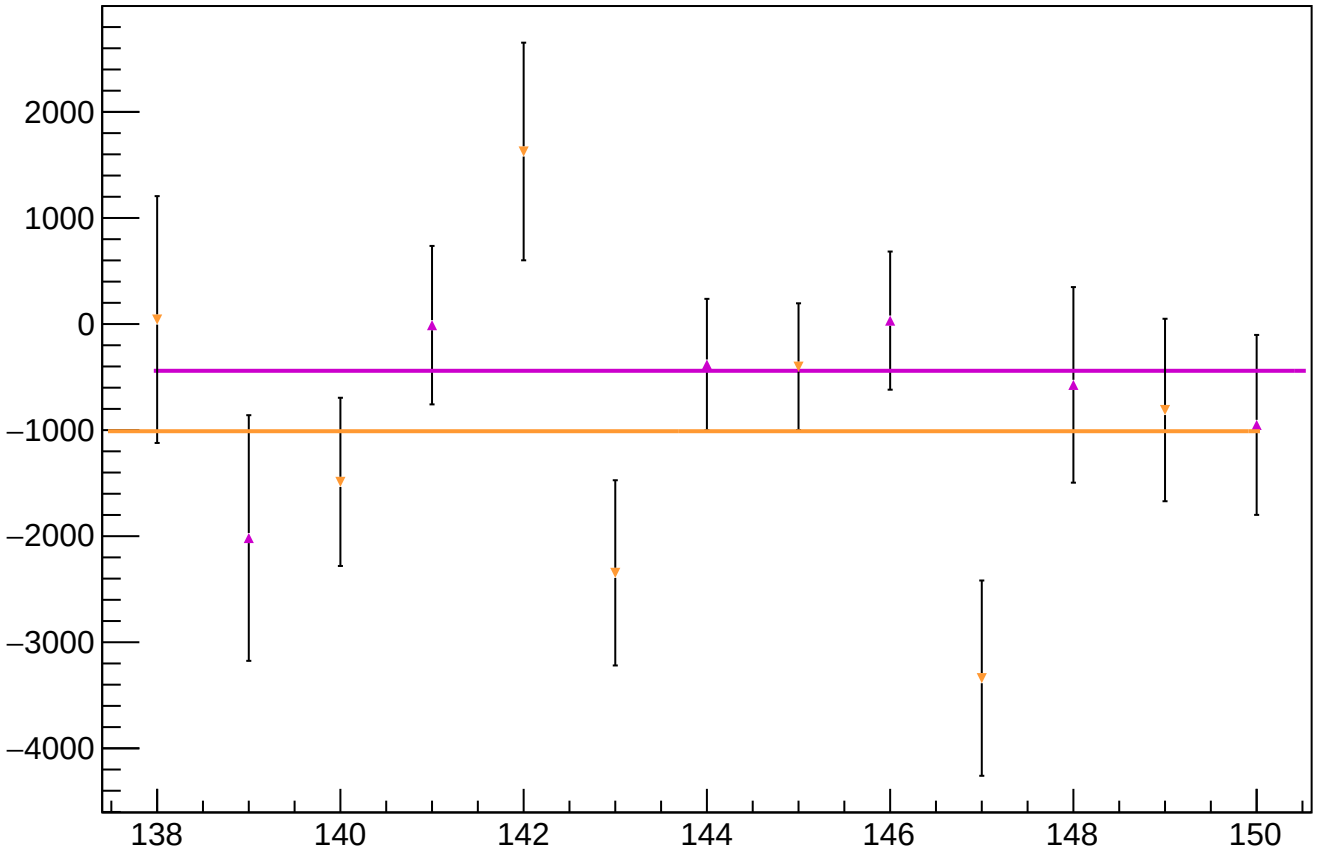
Left In: 114.656+/-0.037 χ^2/NDF:47776.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 115.396+/-0.026 χ^2/NDF: 299192.8/12

- 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: -1010.330+/-317.434 χ^2/NDF:17.6/6

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

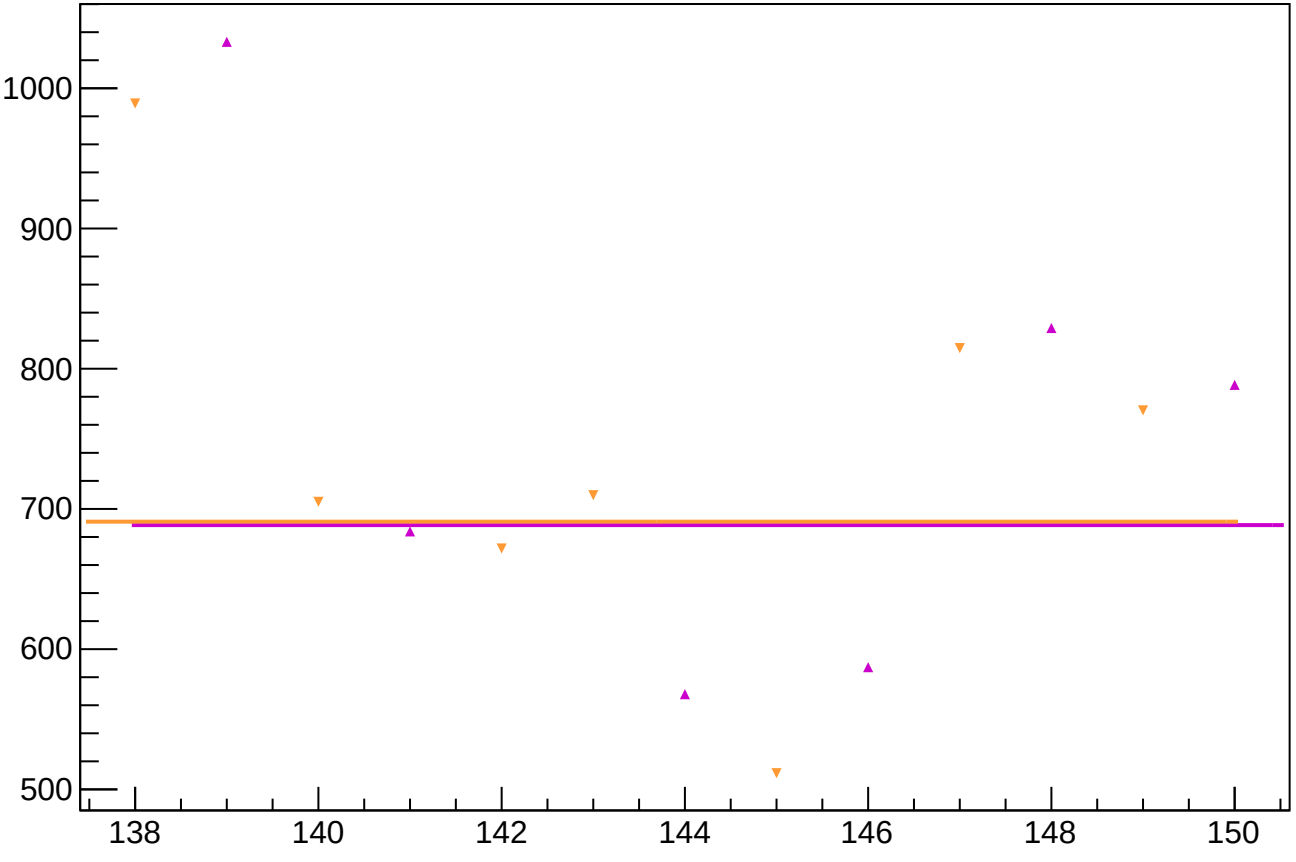
Left In: -440.779+/-315.139 χ^2/NDF:3.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -723.488+/-223.644 χ^2/NDF: 22.3/12

- 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: 690.934+/-0.224 χ^2/NDF:367147.6/6

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

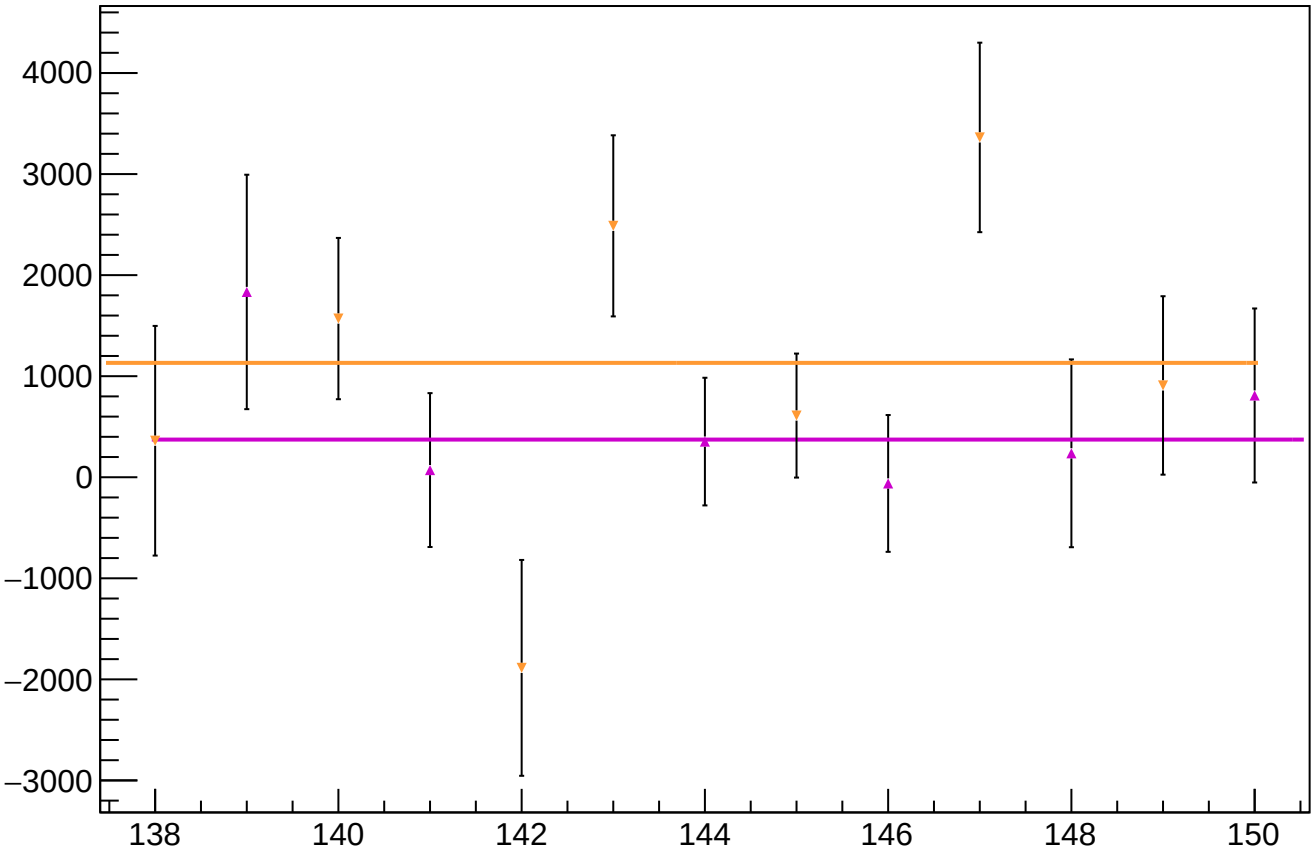
Left In: 688.473+/-0.223 χ^2/NDF:375747.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 689.694+/-0.158 χ^2/NDF: 742955.6/12

- 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: 1131.773+/-323.710 χ^2/NDF:17.5/6

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

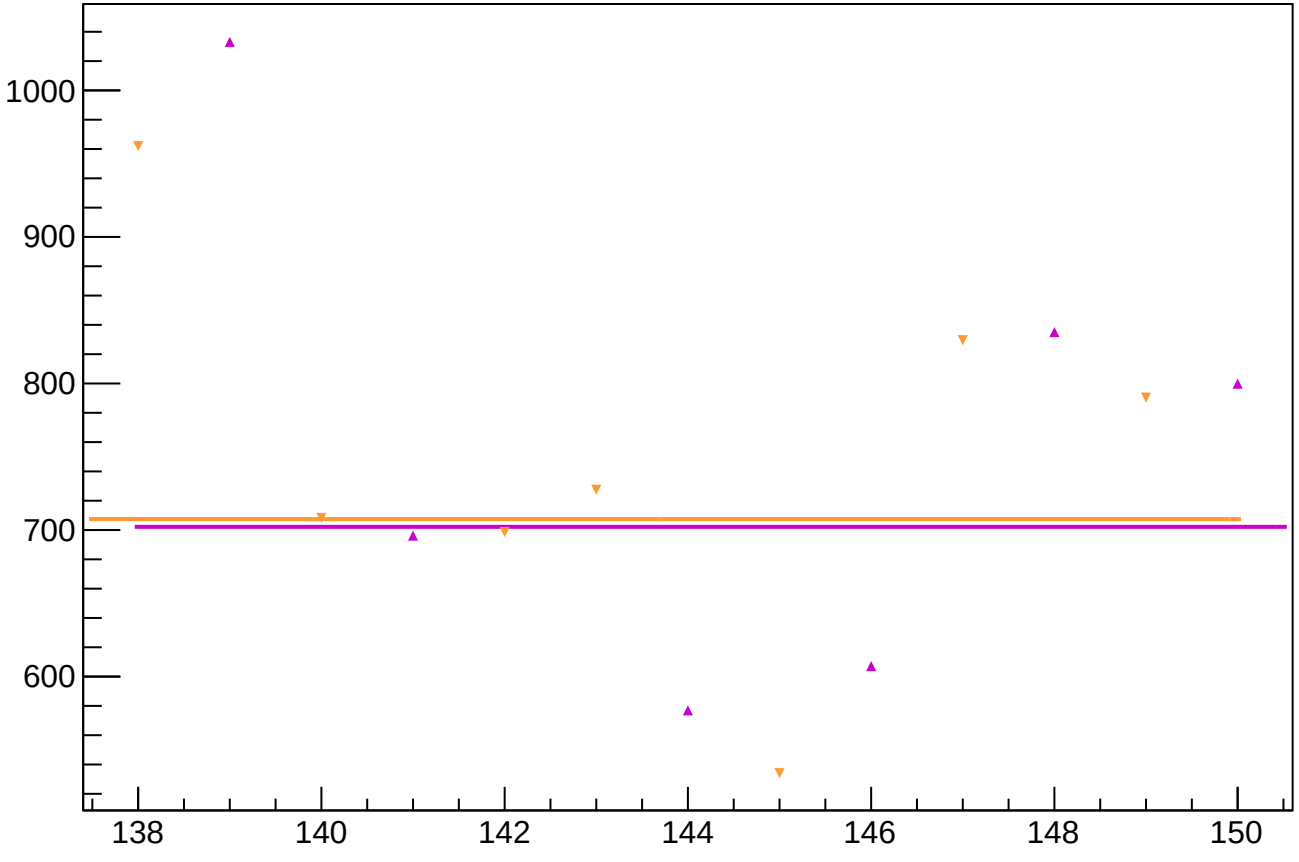
Left In: 372.672+/-321.669 χ^2/NDF:2.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 749.822+/-228.172 χ^2/NDF: 22.7/12

- 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: 707.486+/-0.229 χ^2/NDF:312683.7/6

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

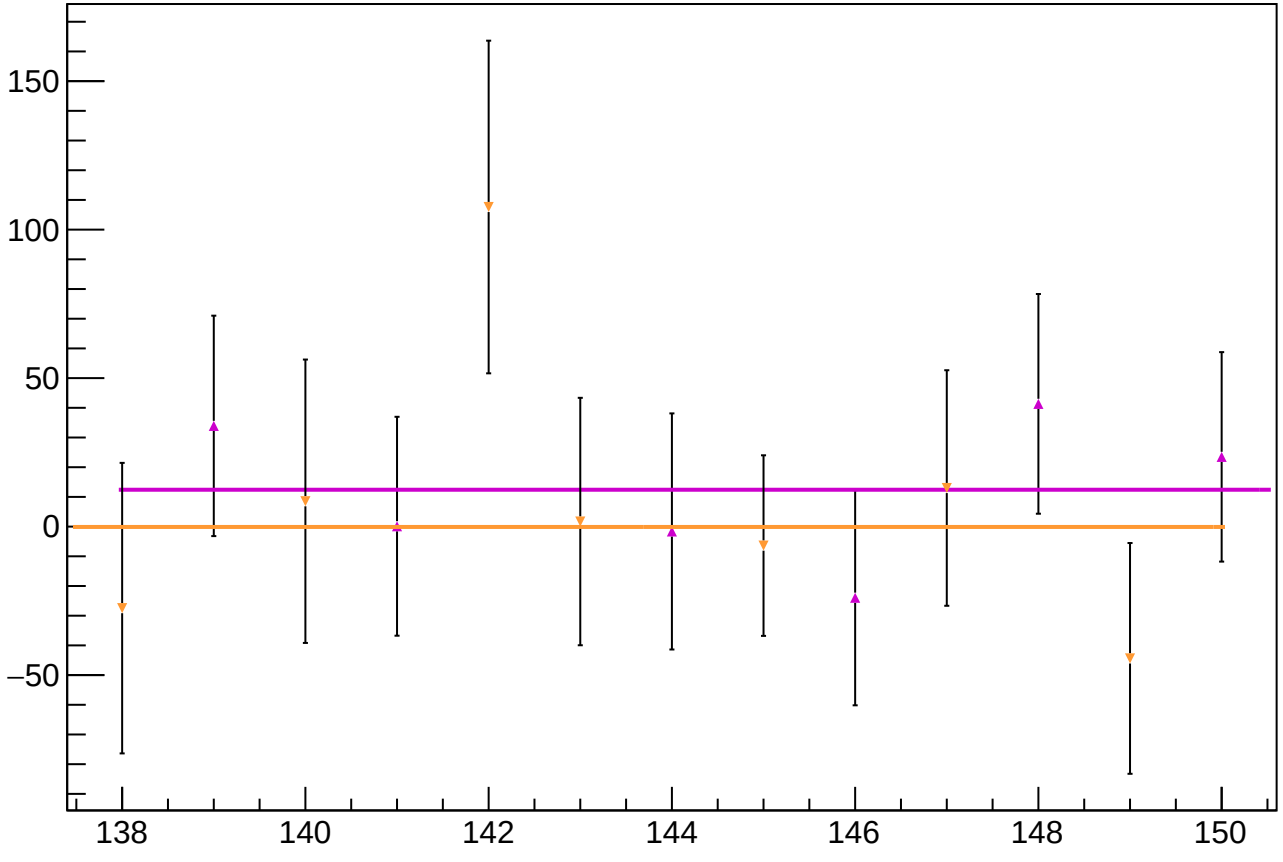
Left In: 702.190+/-0.227 χ^2/NDF:347591.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 704.821+/-0.161 χ^2/NDF: 660544.8/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -0.118+/-15.557 χ^2/NDF:5.5/6

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

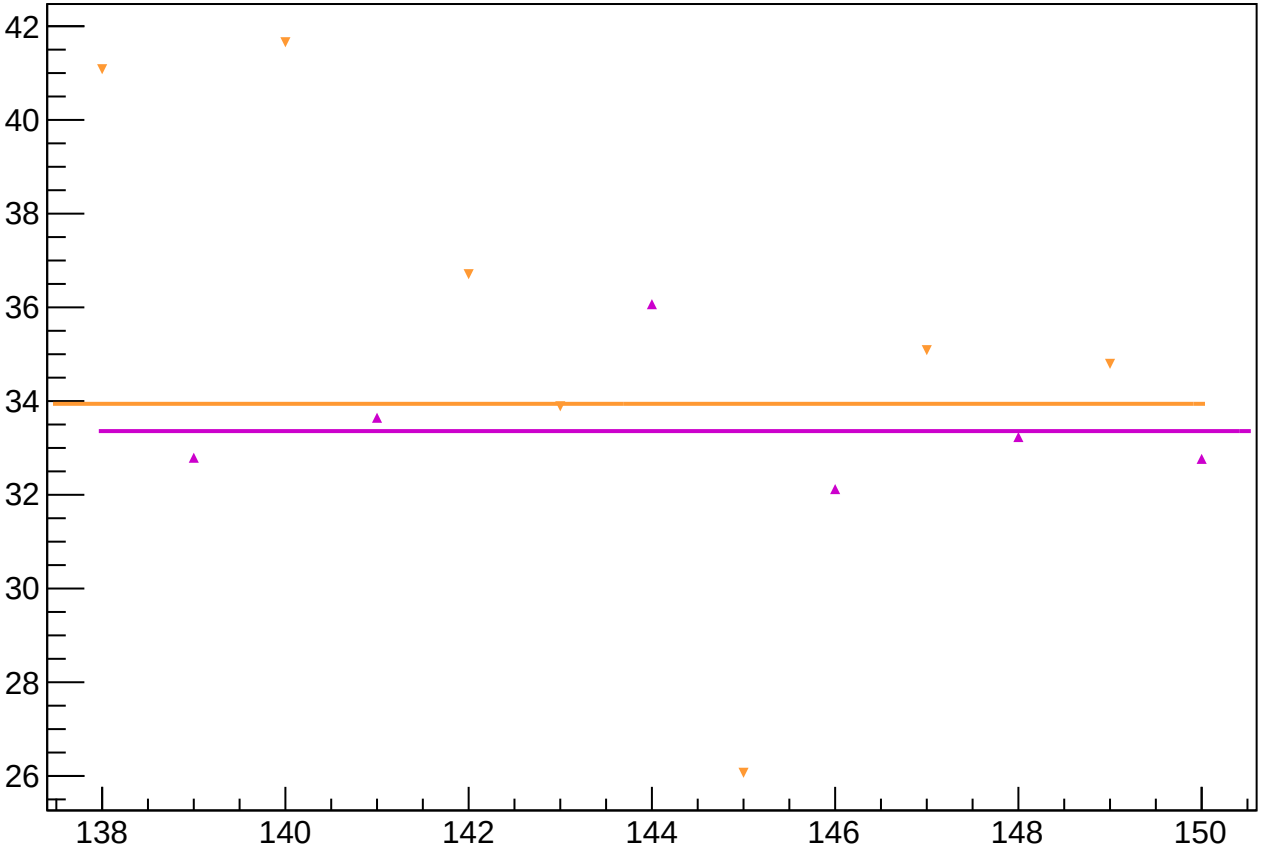
Left In: 12.413+/-15.090 χ^2/NDF:2.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.339+/-10.831 χ^2/NDF: 8.1/12

- 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: 33.942+/-0.011 χ^2/NDF:236551.3/6

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

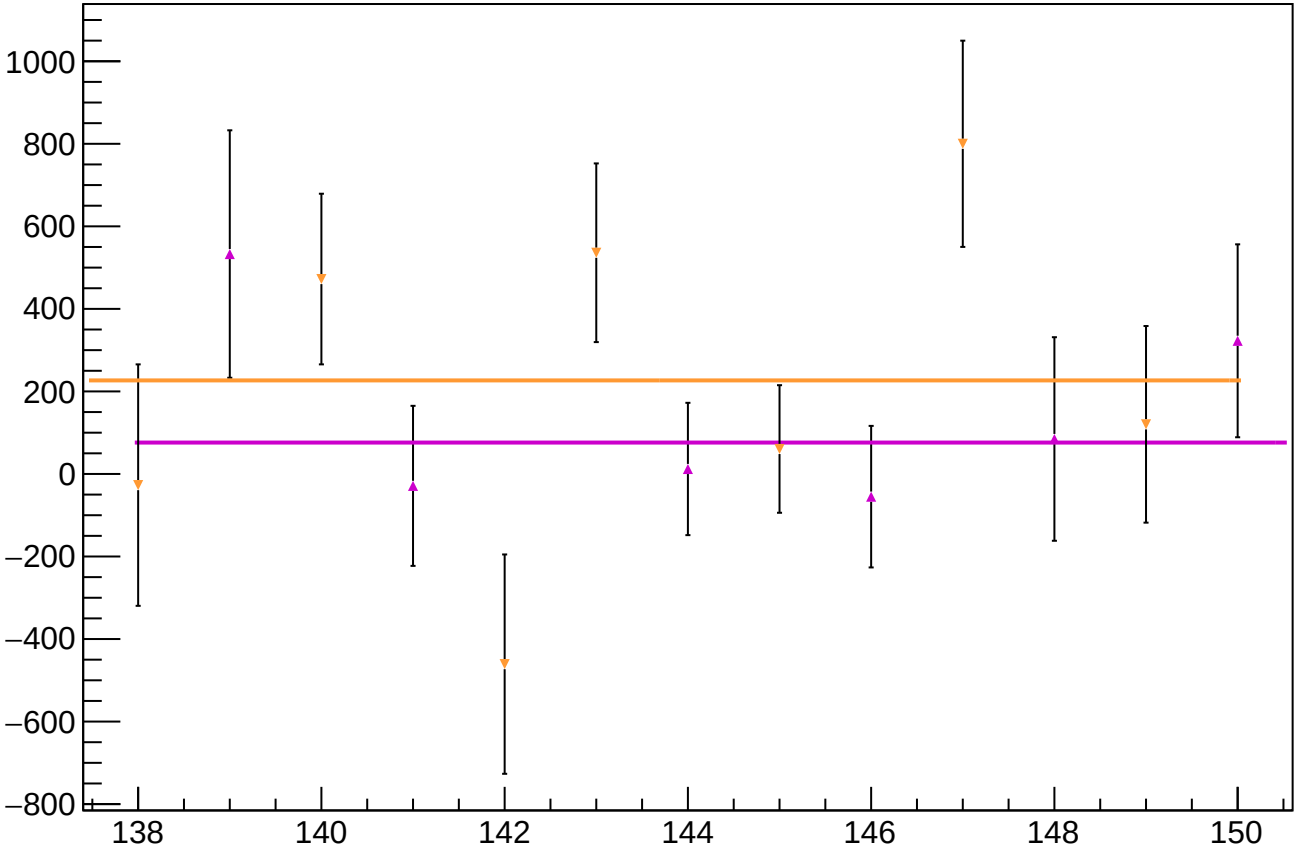
Left In: 33.360+/-0.011 χ^2/NDF:12794.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 33.642+/-0.008 χ^2/NDF: 250788.5/12

- 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: 226.676+/-82.742 χ^2/NDF:17.5/6

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

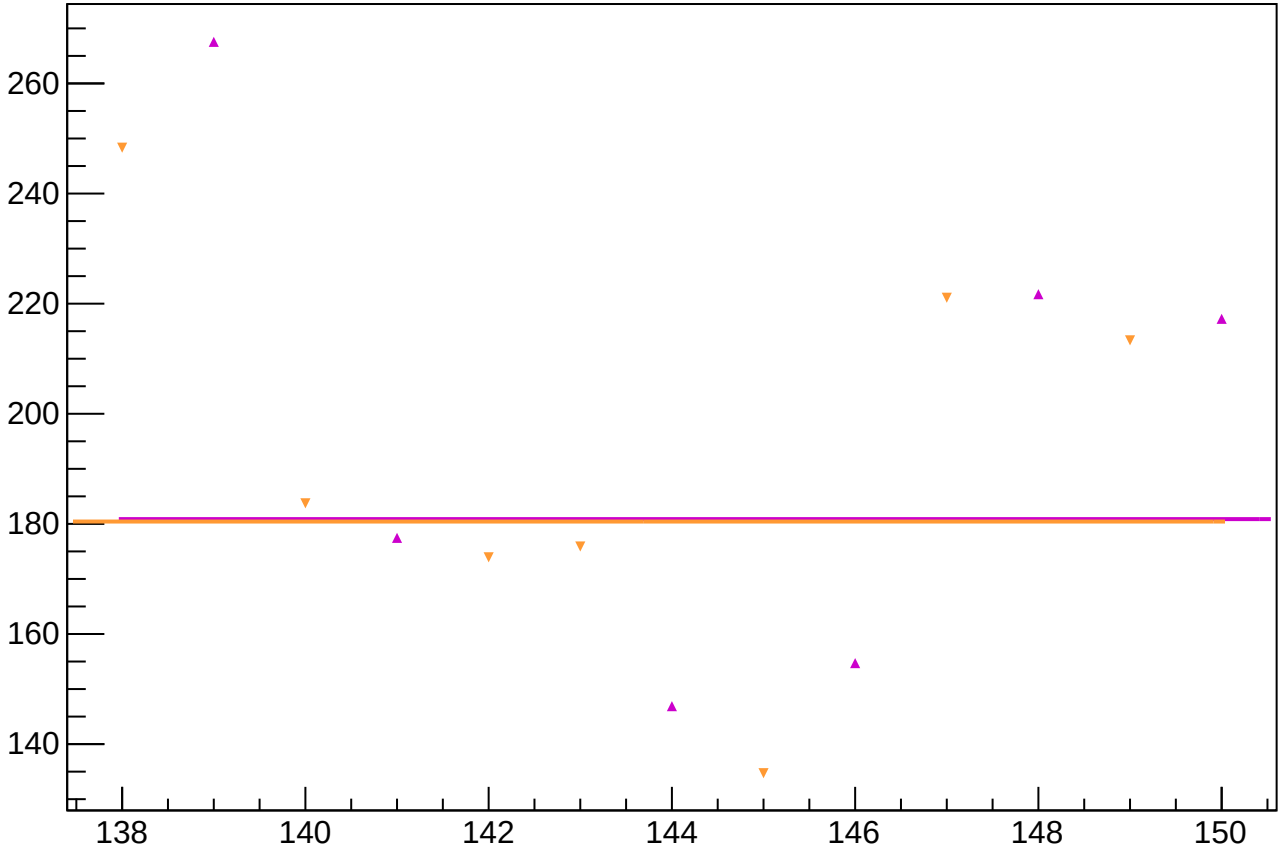
Left In: 76.068+/-82.936 χ^2/NDF:4.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 151.549+/-58.576 χ^2/NDF: 23.6/12

- 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: 180.427+/-0.059 χ^2/NDF:376320.3/6

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

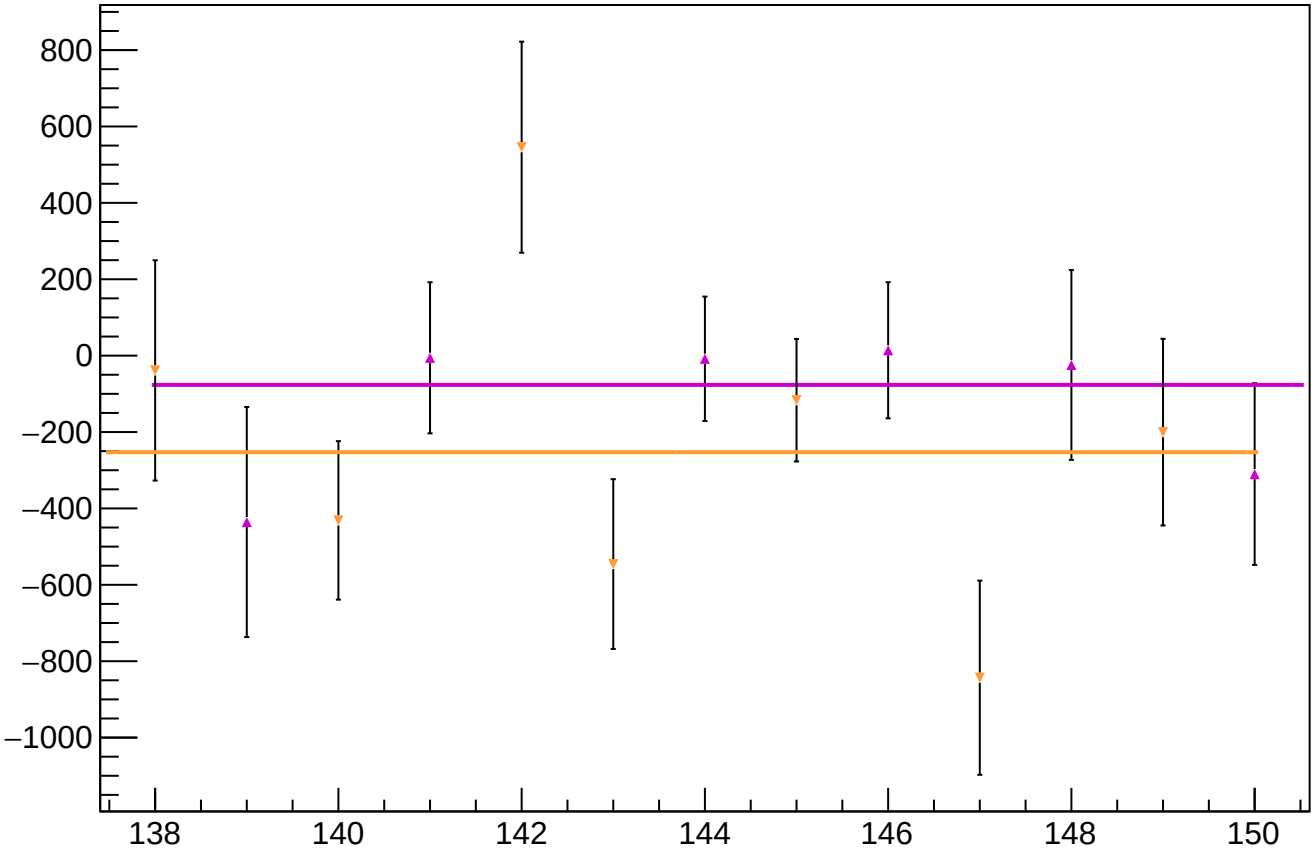
Left In: 180.868+/-0.059 χ^2/NDF:407513.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 180.647+/-0.041 χ^2/NDF: 783861.8/12

- 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: -252.840+/-84.606 χ^2/NDF:17.5/6

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

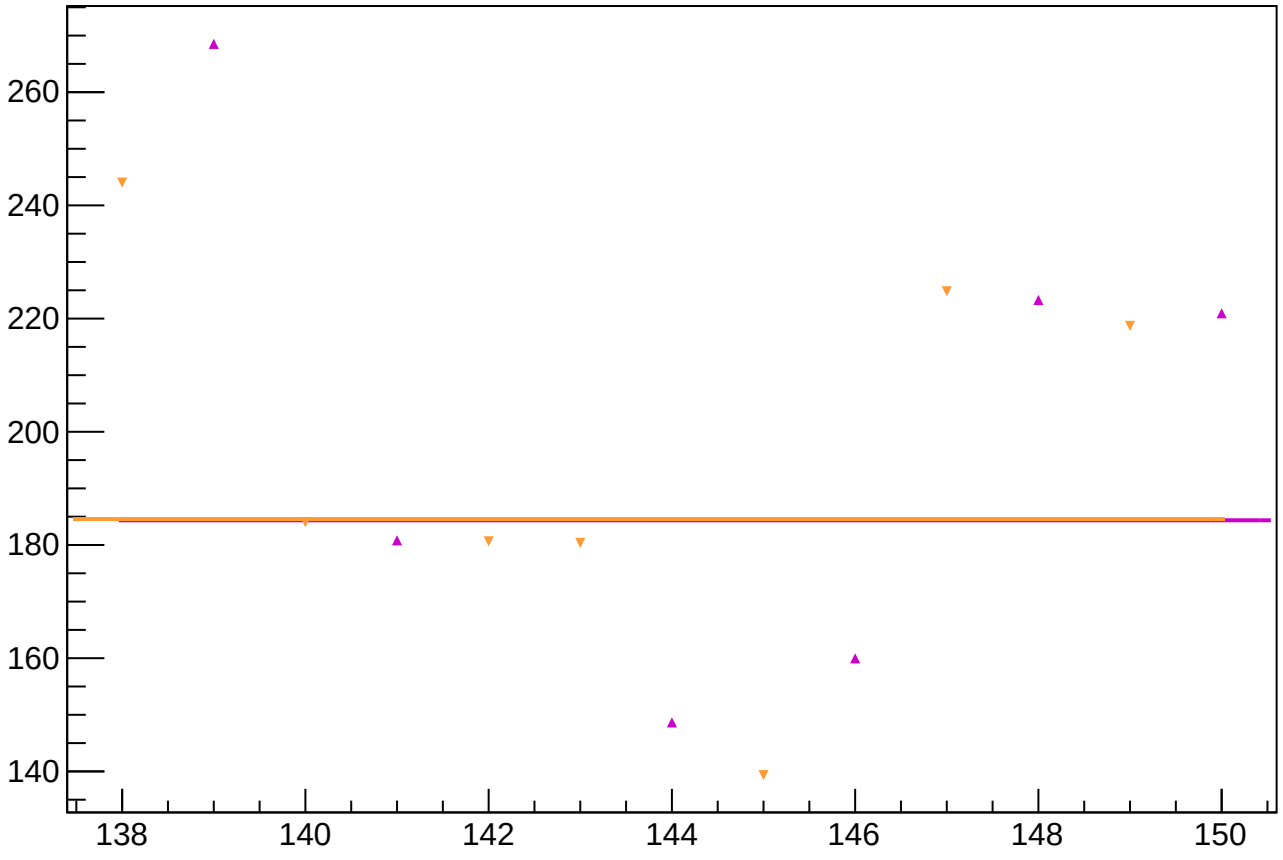
Left In: -76.559+/-84.627 χ^2/NDF:3.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -164.723+/-59.833 χ^2/NDF: 22.7/12

- 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: 184.584+/-0.060 χ^2/NDF:334455.9/6

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

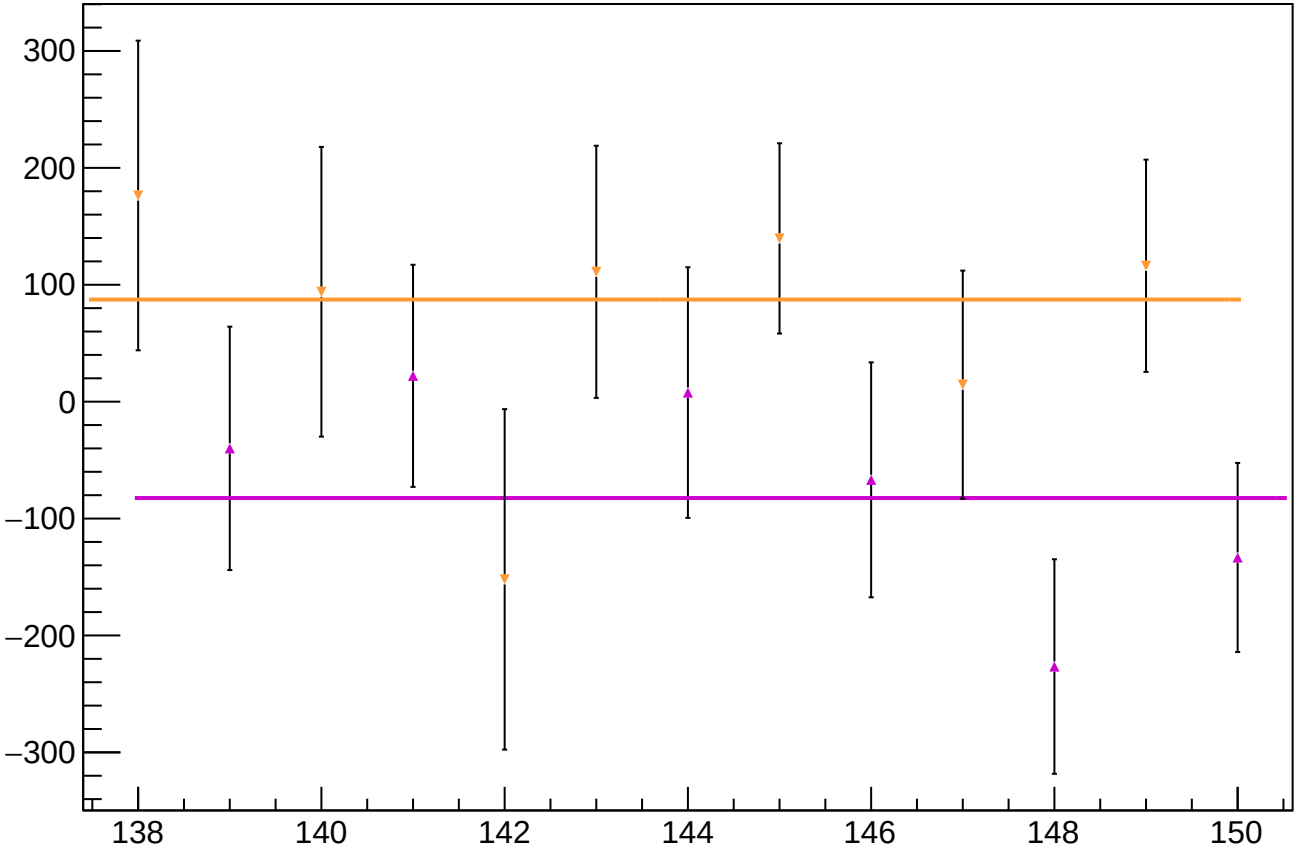
Left In: 184.364+/-0.060 χ^2/NDF:386672.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 184.474+/-0.042 χ^2/NDF: 721134.8/12

- 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: 87.369+/-39.762 χ^2/NDF:4.3/6

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

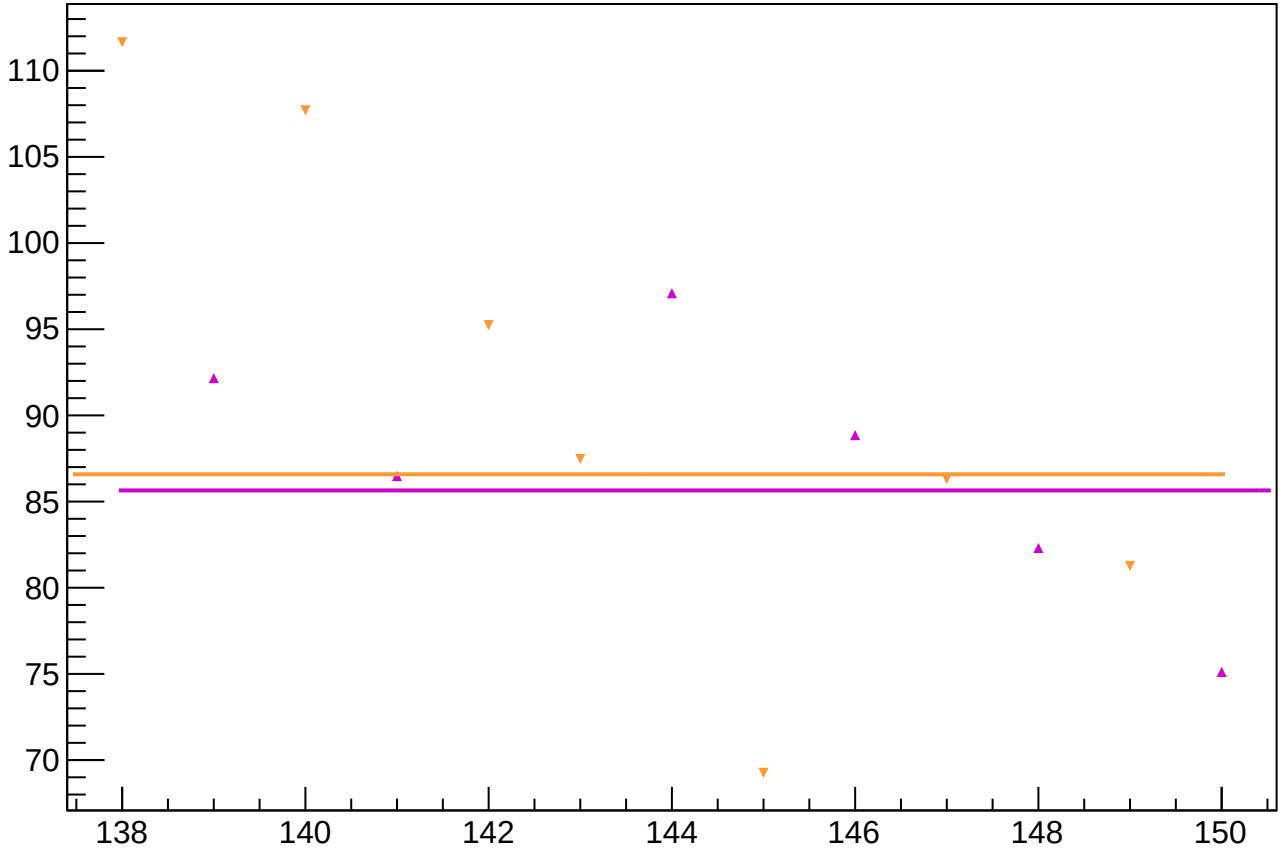
Left In: -82.438+/-38.905 χ^2/NDF:5.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.615+/-27.808 χ^2/NDF: 18.6/12

- 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: 86.583+/-0.028 χ^2/NDF:234364.1/6

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

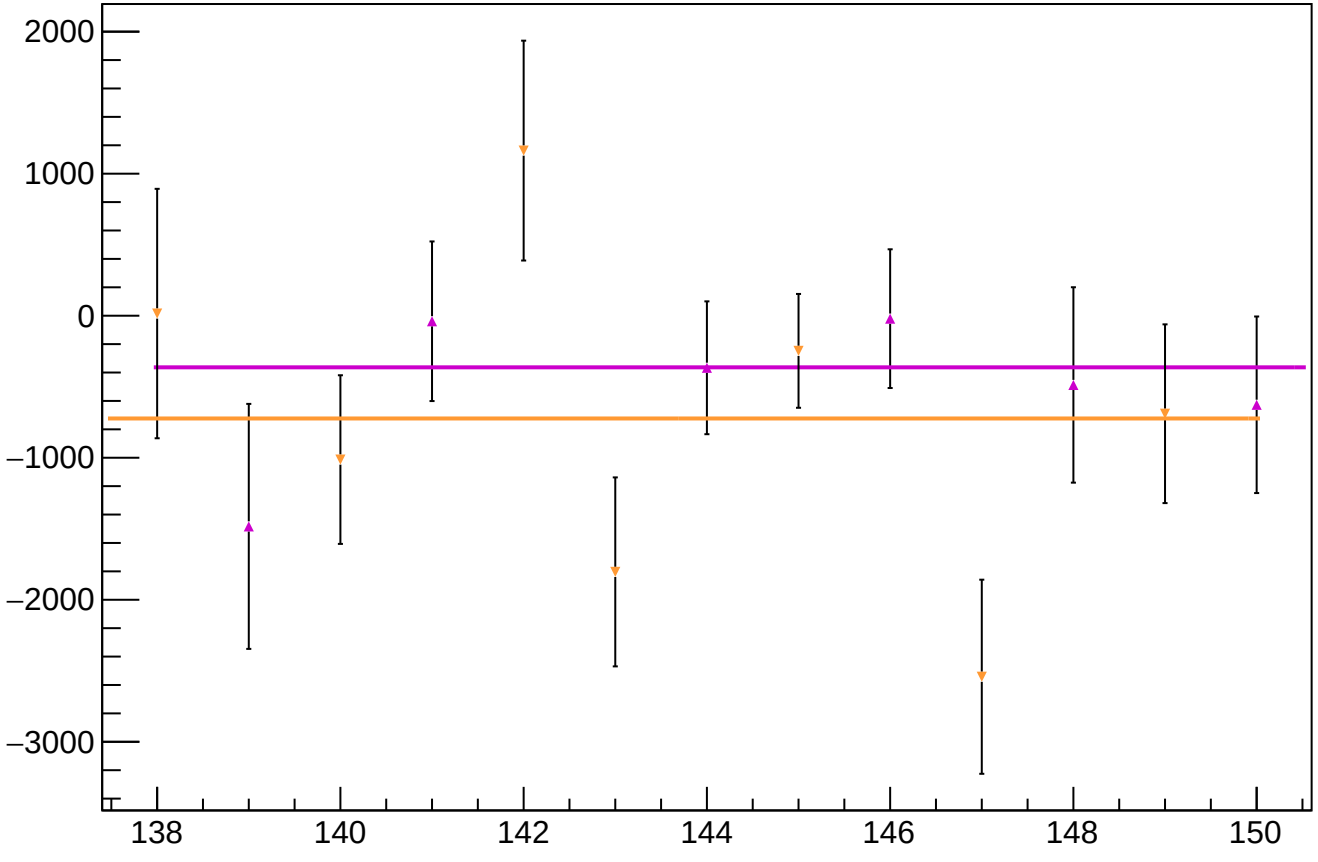
Left In: 85.647+/-0.028 χ^2/NDF:69369.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 86.105+/-0.020 χ^2/NDF: 304299.6/12

- 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: -723.558+/-229.685 χ^2/NDF:18.0/6

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

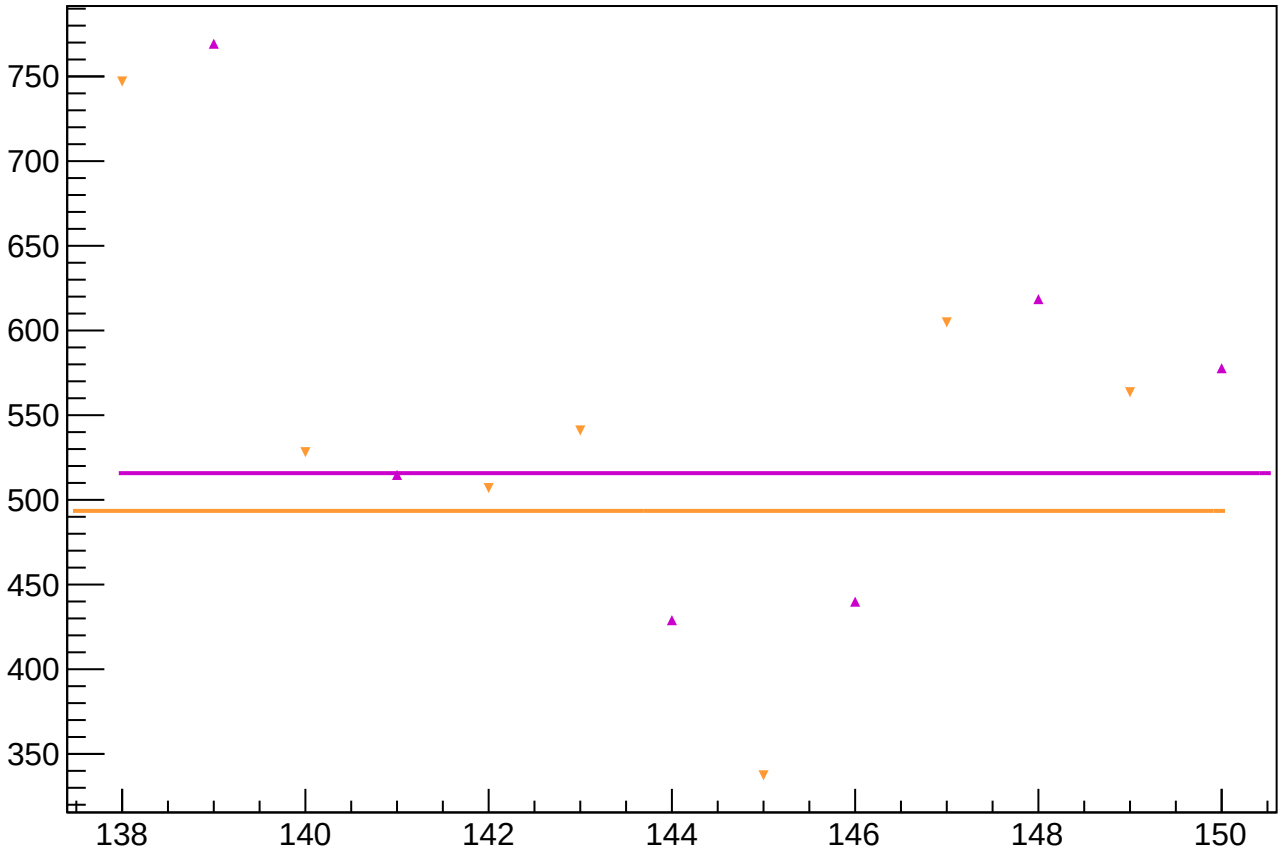
Left In: -363.435+/-235.841 χ^2/NDF:2.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -548.257+/-164.545 χ^2/NDF: 21.9/12

- 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: 493.499+/-0.162 χ^2/NDF:565696.3/6

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

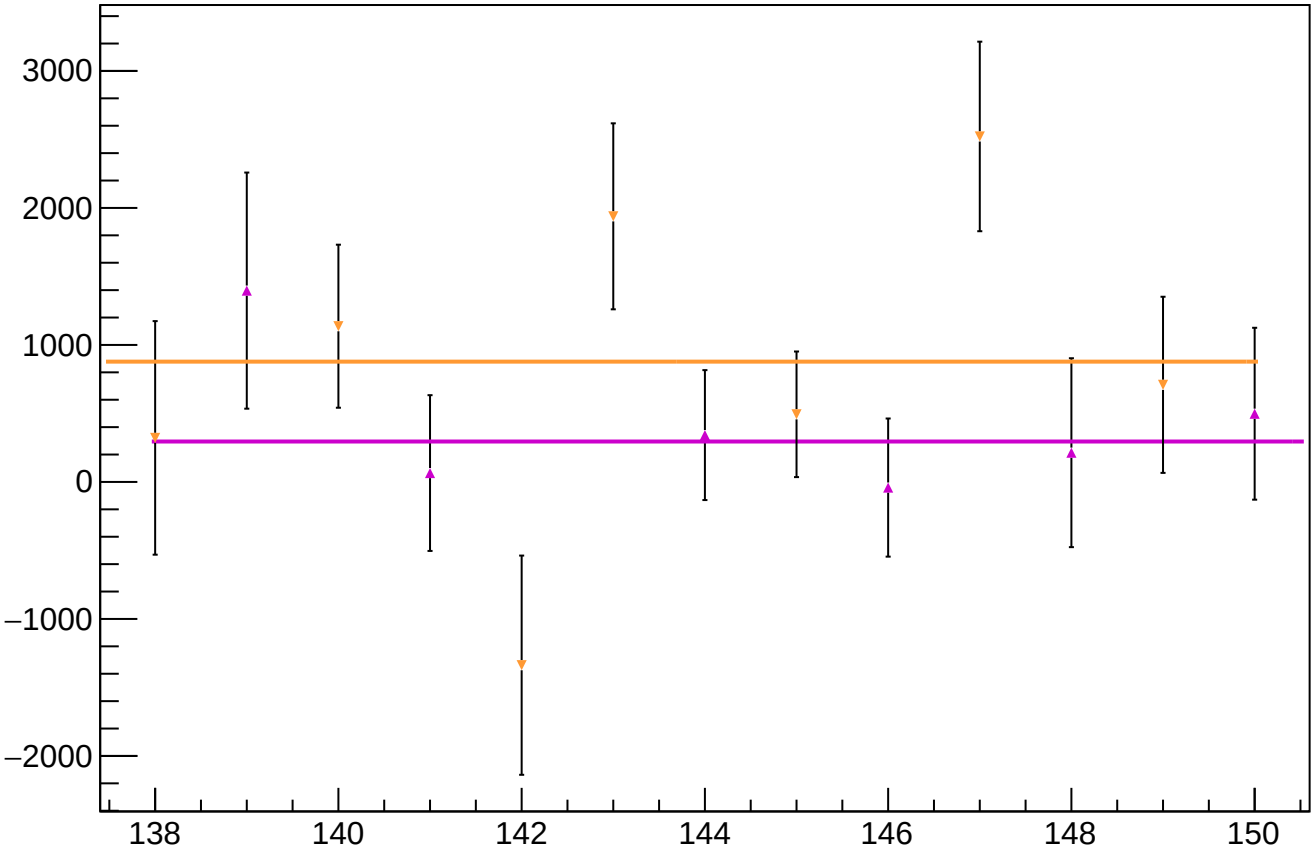
Left In: 515.778+/-0.167 χ^2/NDF:354505.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 504.344+/-0.116 χ^2/NDF: 929361.5/12

- 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: 878.158+/-241.113 χ^2/NDF:17.1/6

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

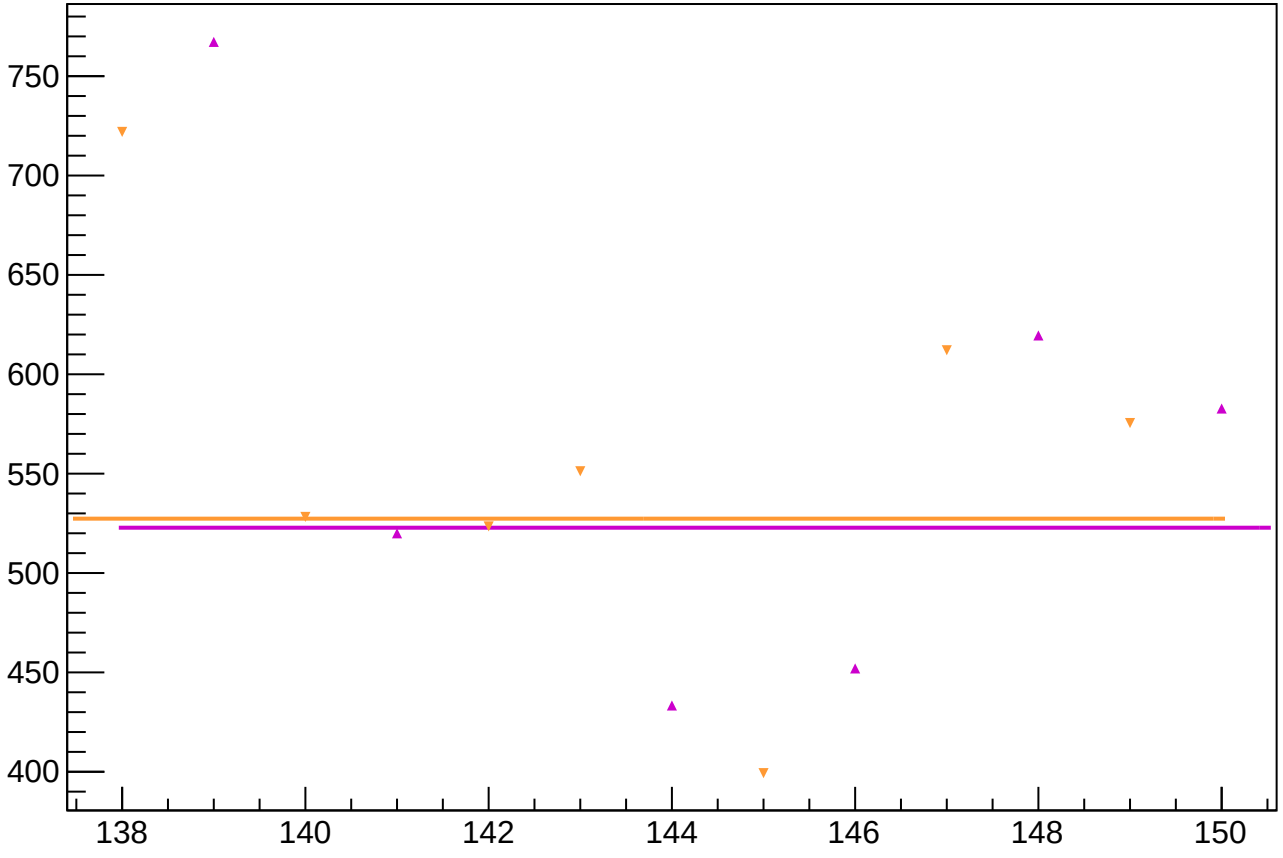
Left In: 295.103+/-239.267 χ^2/NDF:2.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 584.390+/-169.836 χ^2/NDF: 22.5/12

- 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: 527.357+/-0.170 χ^2/NDF:304003.8/6

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

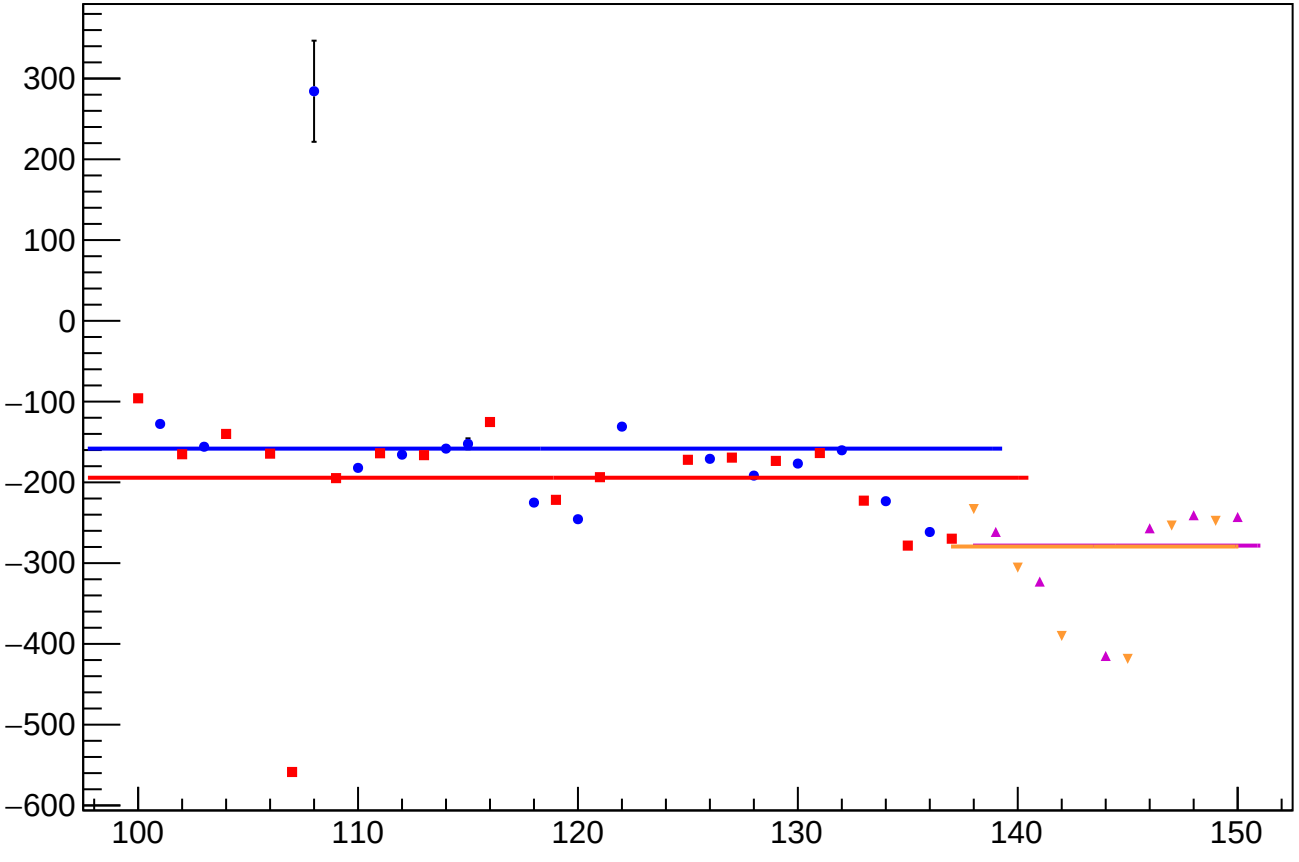
Left In: 522.799+/-0.169 χ^2/NDF:329250.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 525.061+/-0.120 χ^2/NDF: 633614.3/12

- 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: -279.440+/-0.339 χ^2/NDF:20473.2/5

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

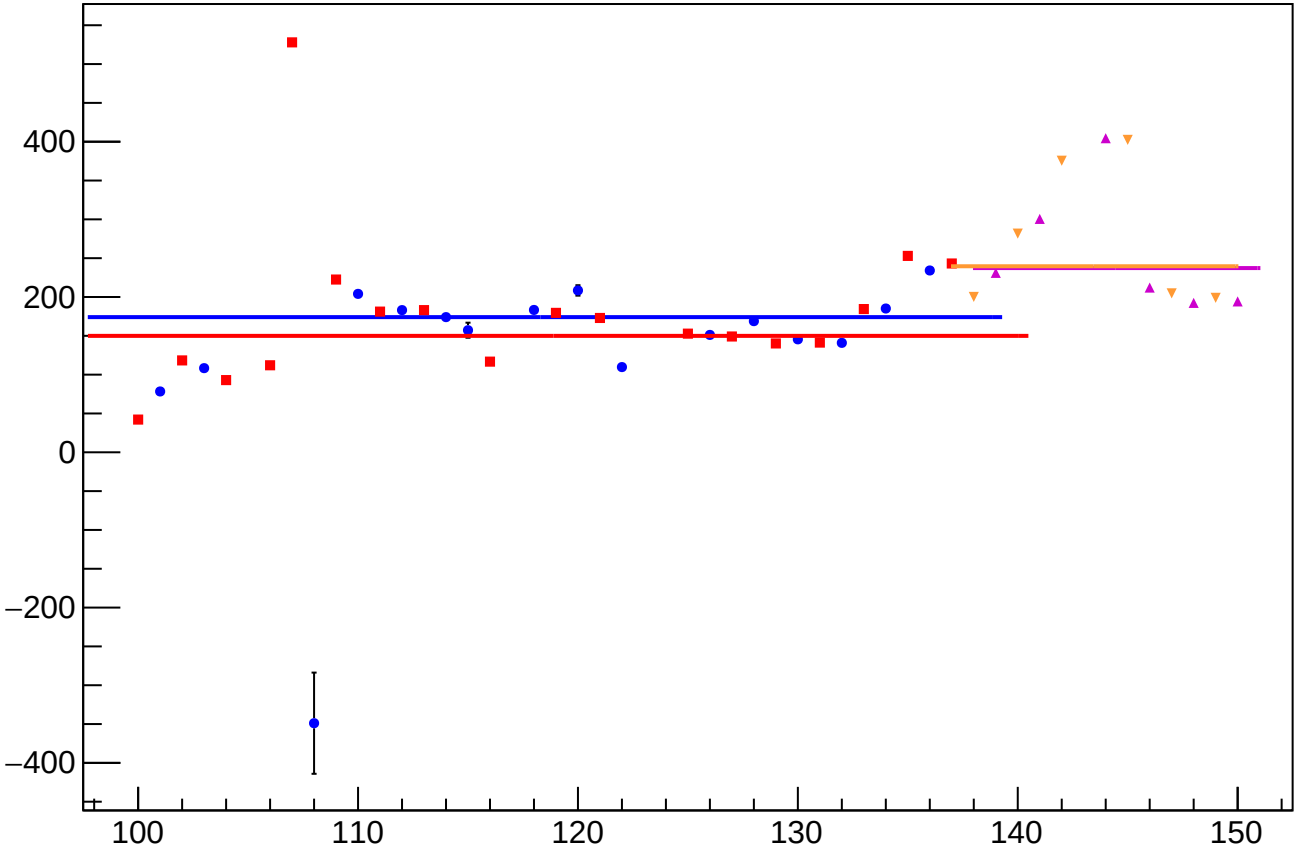
Left In: -278.295+/-0.246 χ^2/NDF:37947.9/5

+ sign -158.222+/-0.000 χ^2/NDF: 265872.1/21

All: -158.222+/-0.000 χ^2/NDF: 767106.2/45

- sign -220.435+/-0.137 χ^2/NDF: 295129.8/23

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 239.588+/-0.353 χ^2/NDF:25951.4/5

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

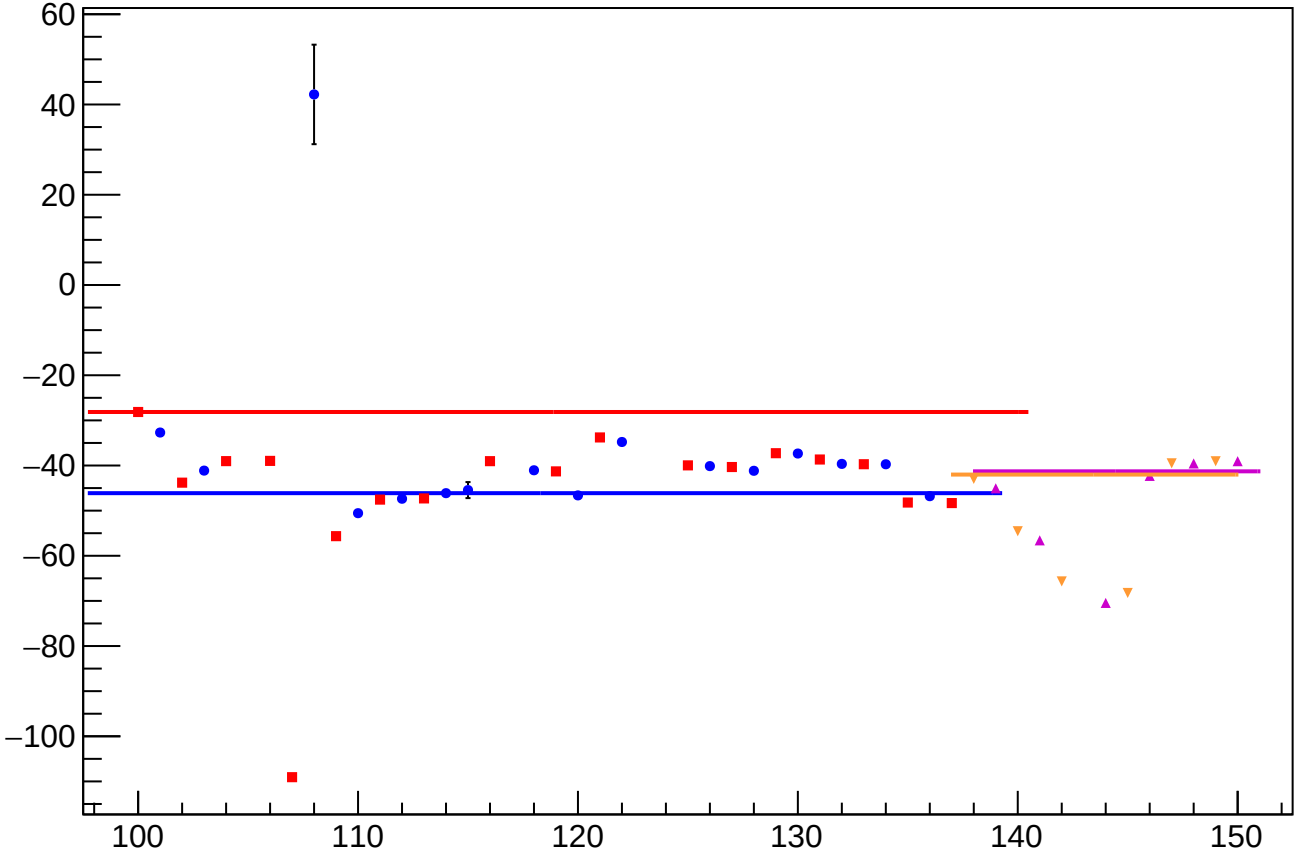
Left In: 237.256+/-0.252 χ^2/NDF:53553.1/5

+ sign 174.085+/-0.000 χ^2/NDF: 113762.6/21

All: 174.085+/-0.000 χ^2/NDF: 413445.6/45

- sign 182.828+/-0.154 χ^2/NDF: 296476.4/23

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -42.006+/-0.014 χ^2/NDF:72687.1/5

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

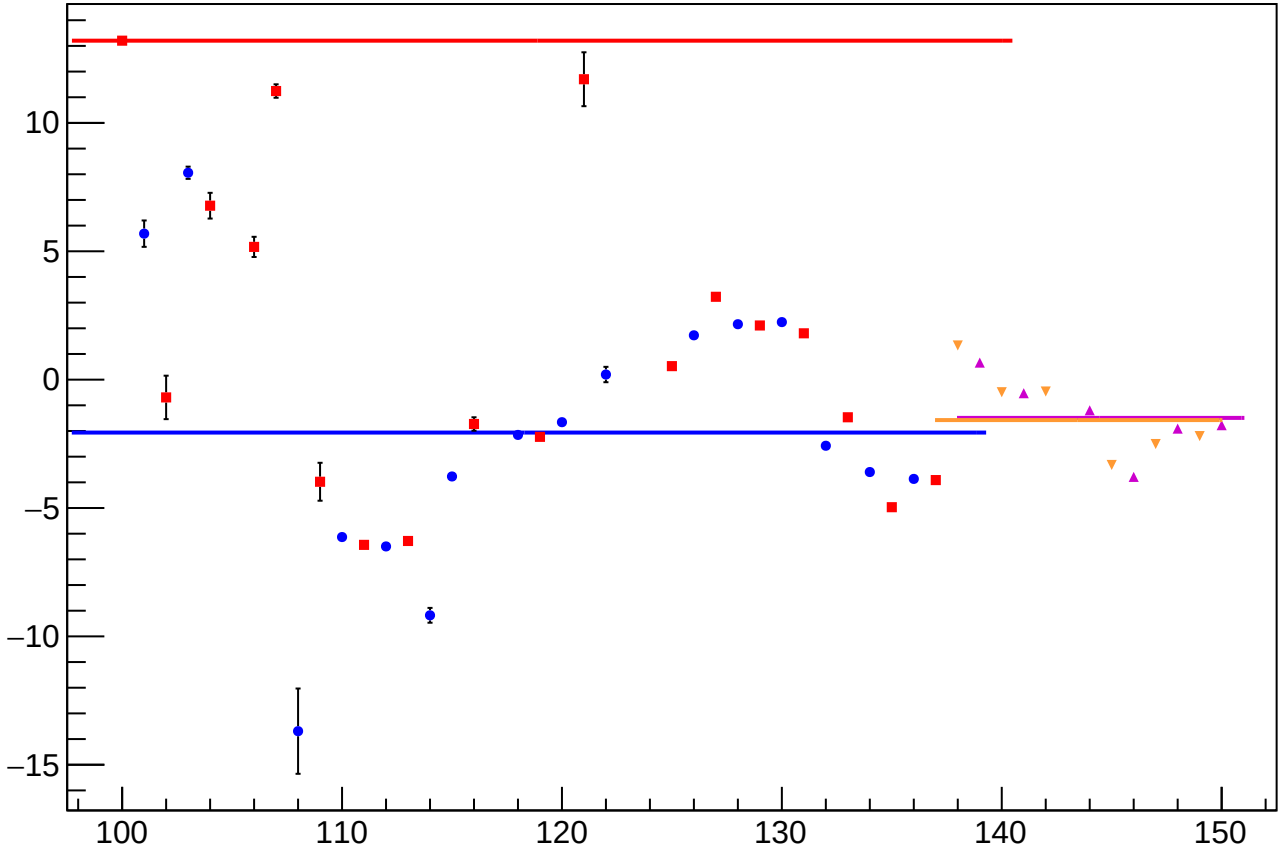
Left In: -41.290+/-0.015 χ^2/NDF:151173.2/5

+ sign -46.126+/-0.000 χ^2/NDF: 360033.3/21

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 1645789.3/23

dit_usl_4aY_slope vs Slug



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -1.575+/-0.015 χ^2/NDF:6909.4/5

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

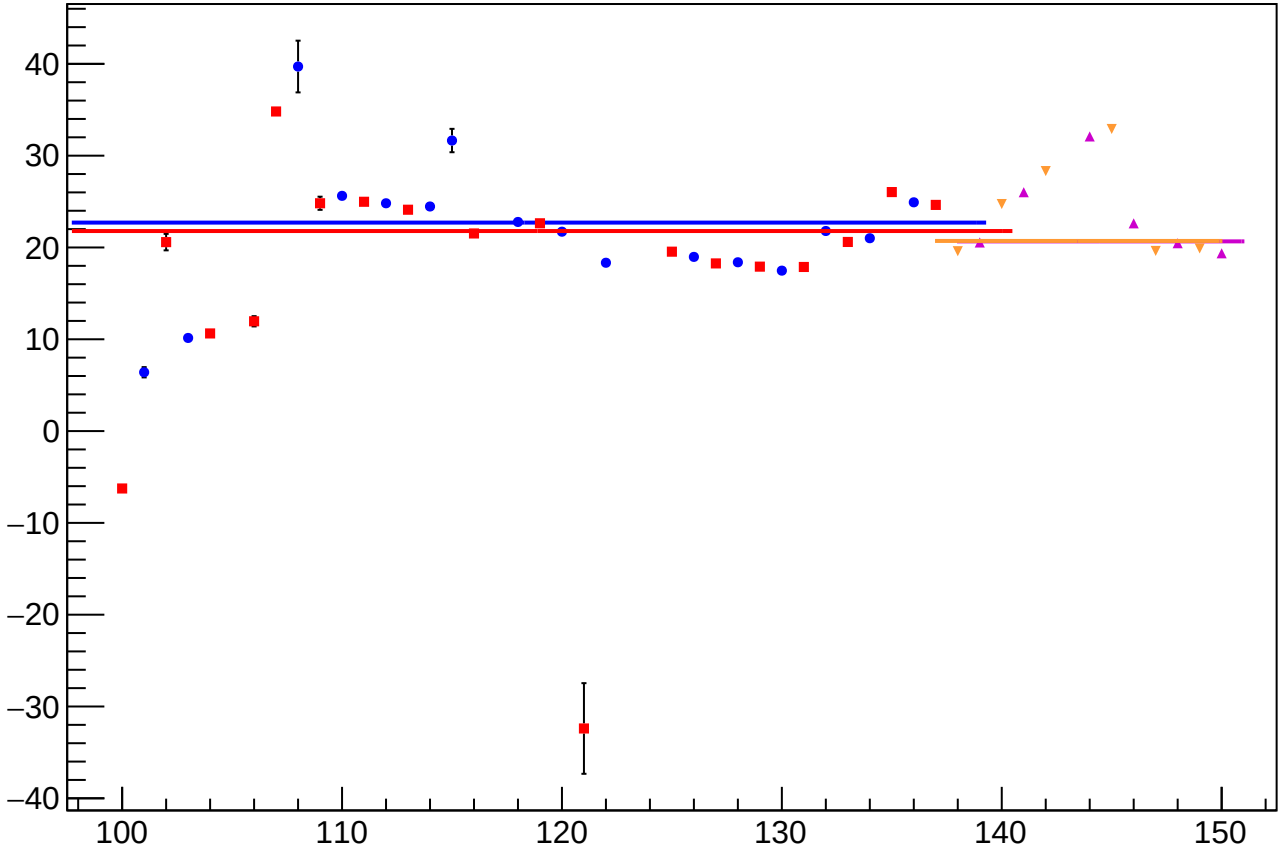
Left In: -1.490+/-0.011 χ^2/NDF:6077.0/5

+ sign -1.781+/-0.012 χ^2/NDF: 33002.2/21

All: 13.204+/-0.000 χ^2/NDF: 3889024.3/45

- sign 13.204+/-0.000 χ^2/NDF: 2192083.1/23

dit_usl_4eY_slope vs Slug



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 20.712+/-0.022 χ^2/NDF:12173.5/5

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

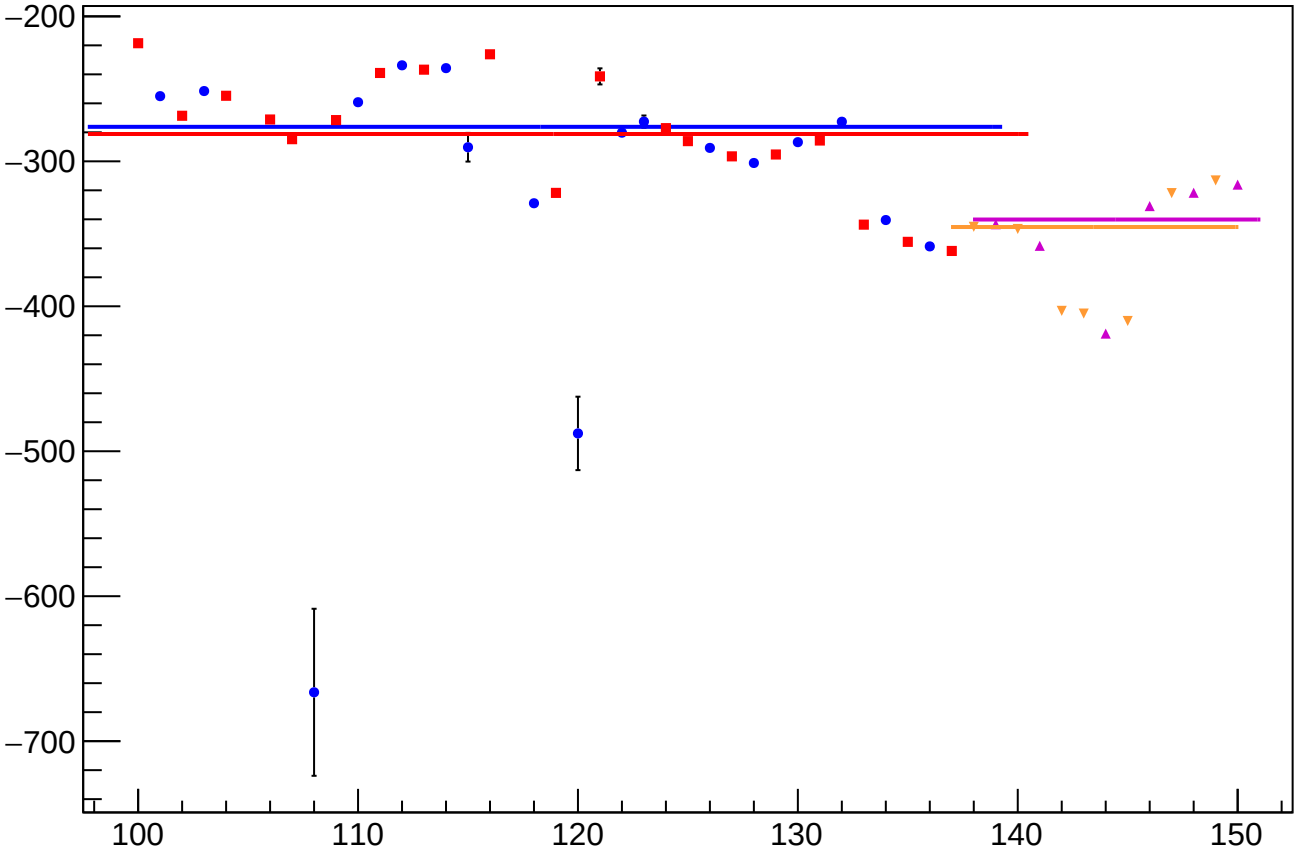
Left In: 20.665+/-0.016 χ^2/NDF:25718.0/5

+ sign 21.891+/-0.014 χ^2/NDF: 39601.9/21

All: 21.447+/-0.010 χ^2/NDF: 95447.3/45

- sign 21.081+/-0.013 χ^2/NDF: 54113.6/23

dit_usr_4aX_slope vs Slug



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -345.315+/-0.226 χ^2/NDF:19707.7/6

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

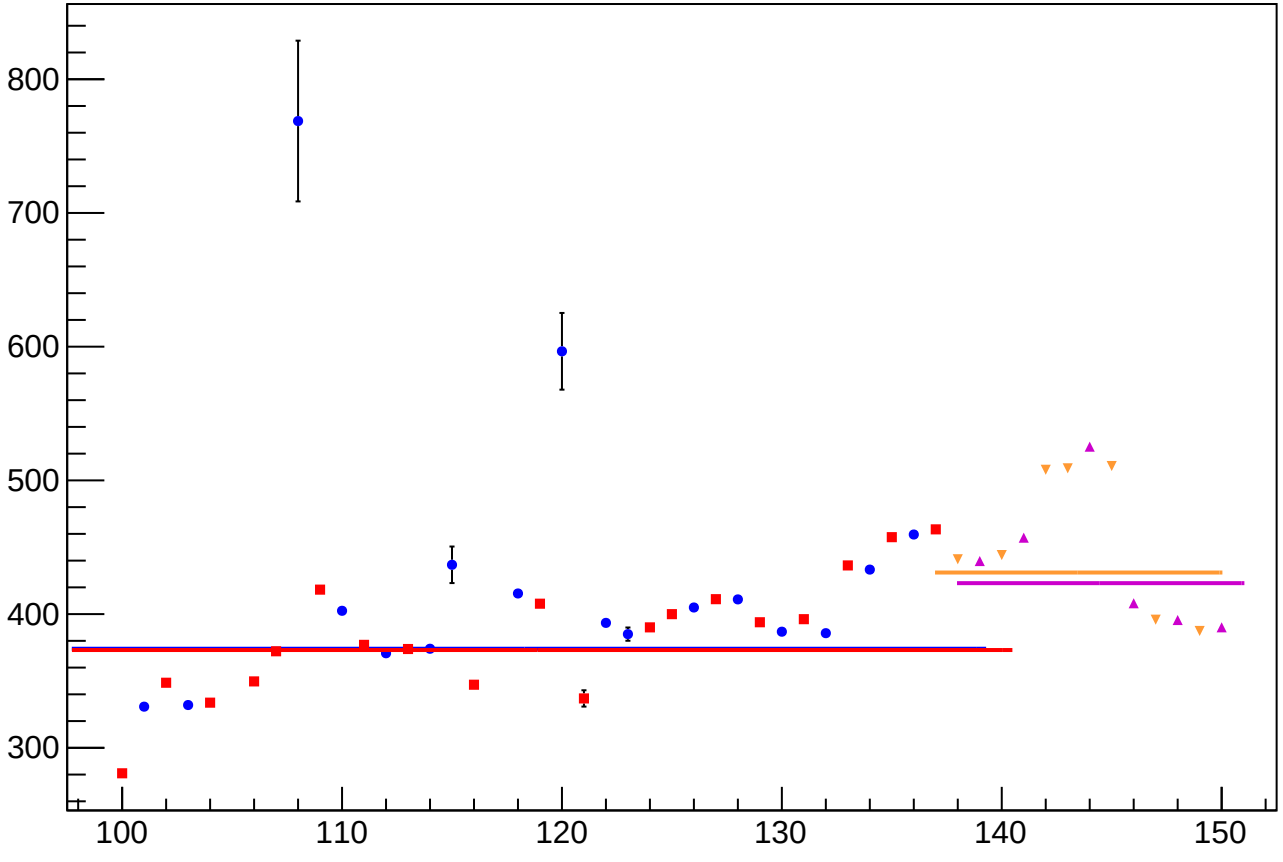
Left In: -340.148+/-0.166 χ^2/NDF:25974.3/5

+ sign -300.565+/-0.134 χ^2/NDF: 138507.5/23

All: -304.476+/-0.085 χ^2/NDF: 313919.2/48

- sign -307.129+/-0.110 χ^2/NDF: 173982.5/24

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 431.098+/-0.233 χ^2/NDF:34671.2/6

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

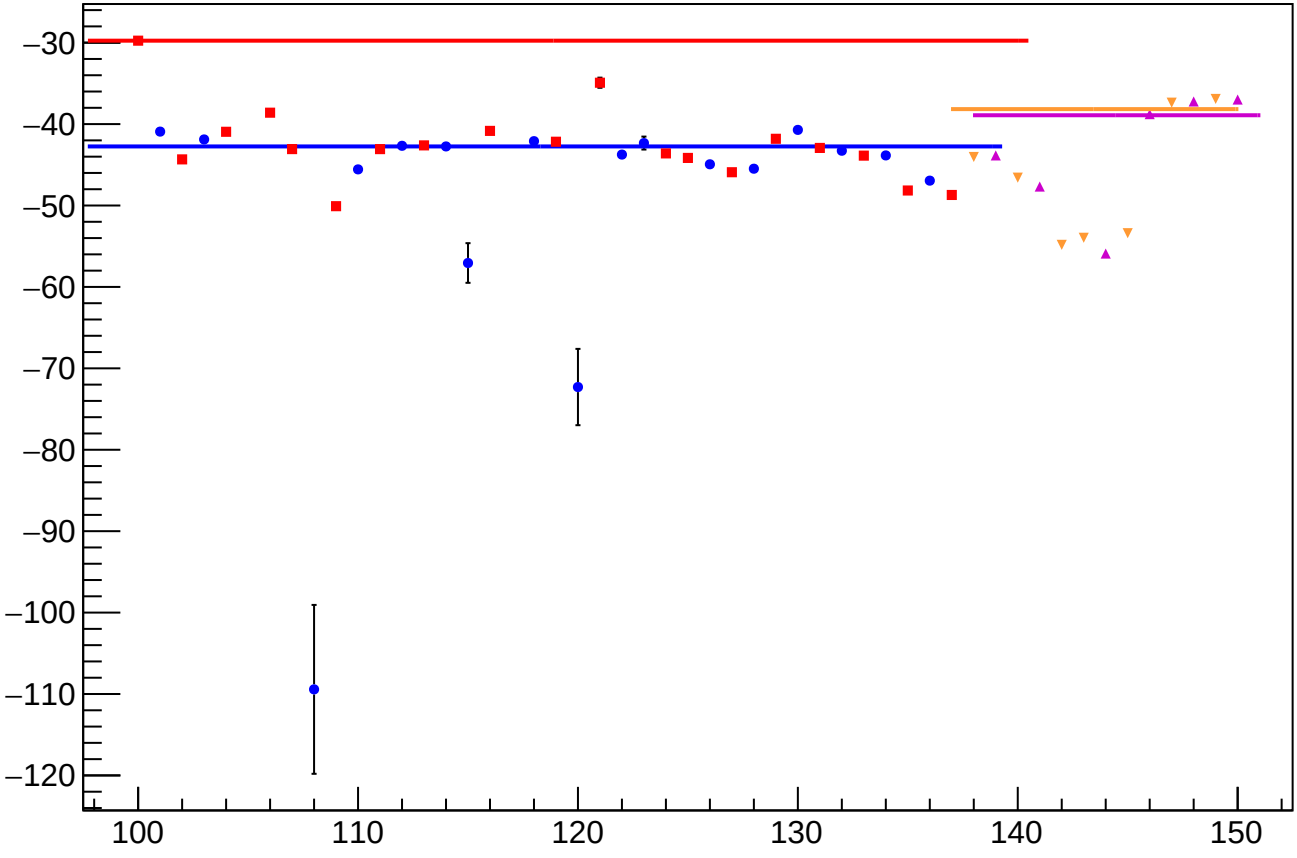
Left In: 423.147+/-0.170 χ^2/NDF:44814.5/5

+ sign 374.094+/-0.000 χ^2/NDF: 129733.7/23

All: 374.094+/-0.000 χ^2/NDF: 365586.3/48

- sign 396.233+/-0.116 χ^2/NDF: 199341.3/24

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -38.160+/-0.007 χ^2/NDF:238278.4/6

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

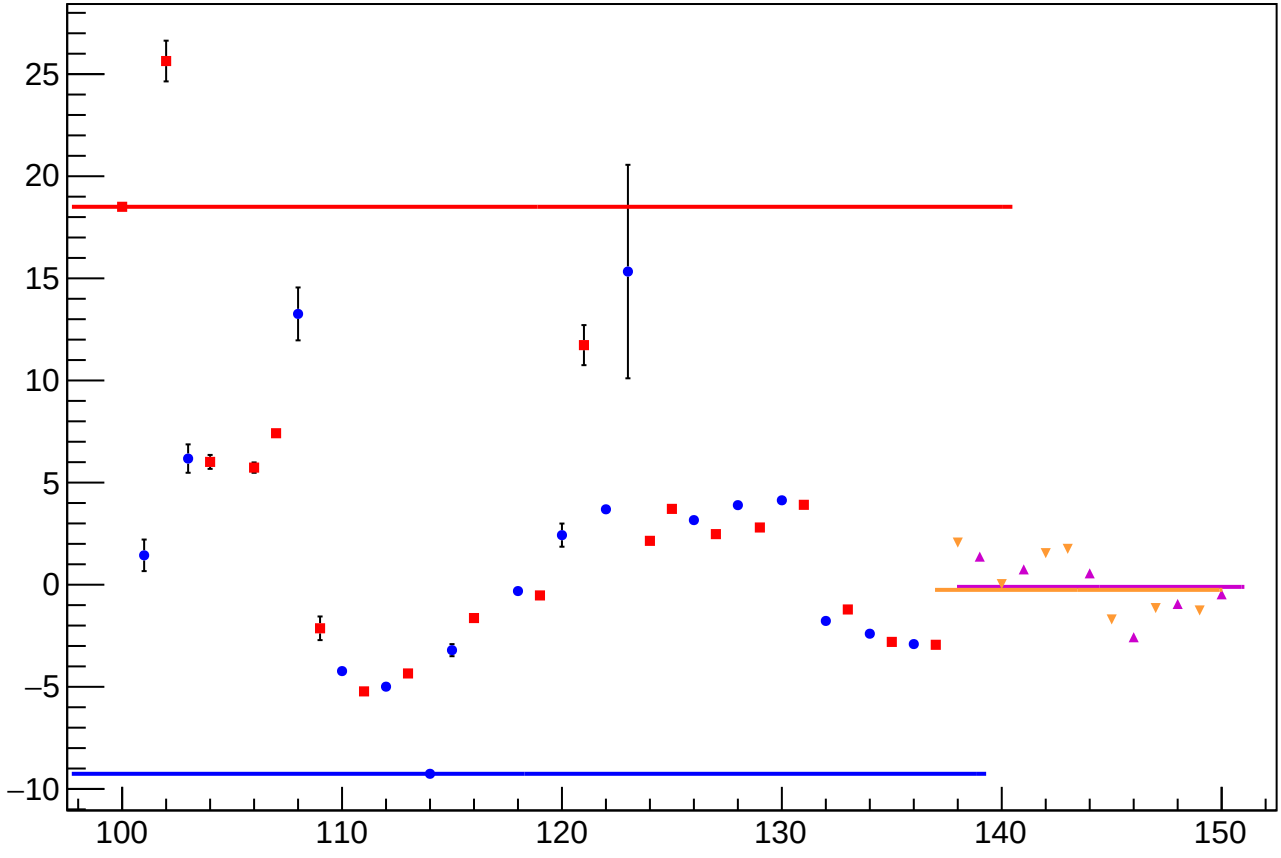
Left In: -38.914+/-0.010 χ^2/NDF:130647.5/5

+ sign -42.744+/-0.000 χ^2/NDF: 676401.2/23

All: -38.159+/-0.000 χ^2/NDF: 129765212680

- sign -29.754+/-0.000 χ^2/NDF: 1448750.1/24

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: -0.252+/-0.012 χ^2/NDF:10699.0/6

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

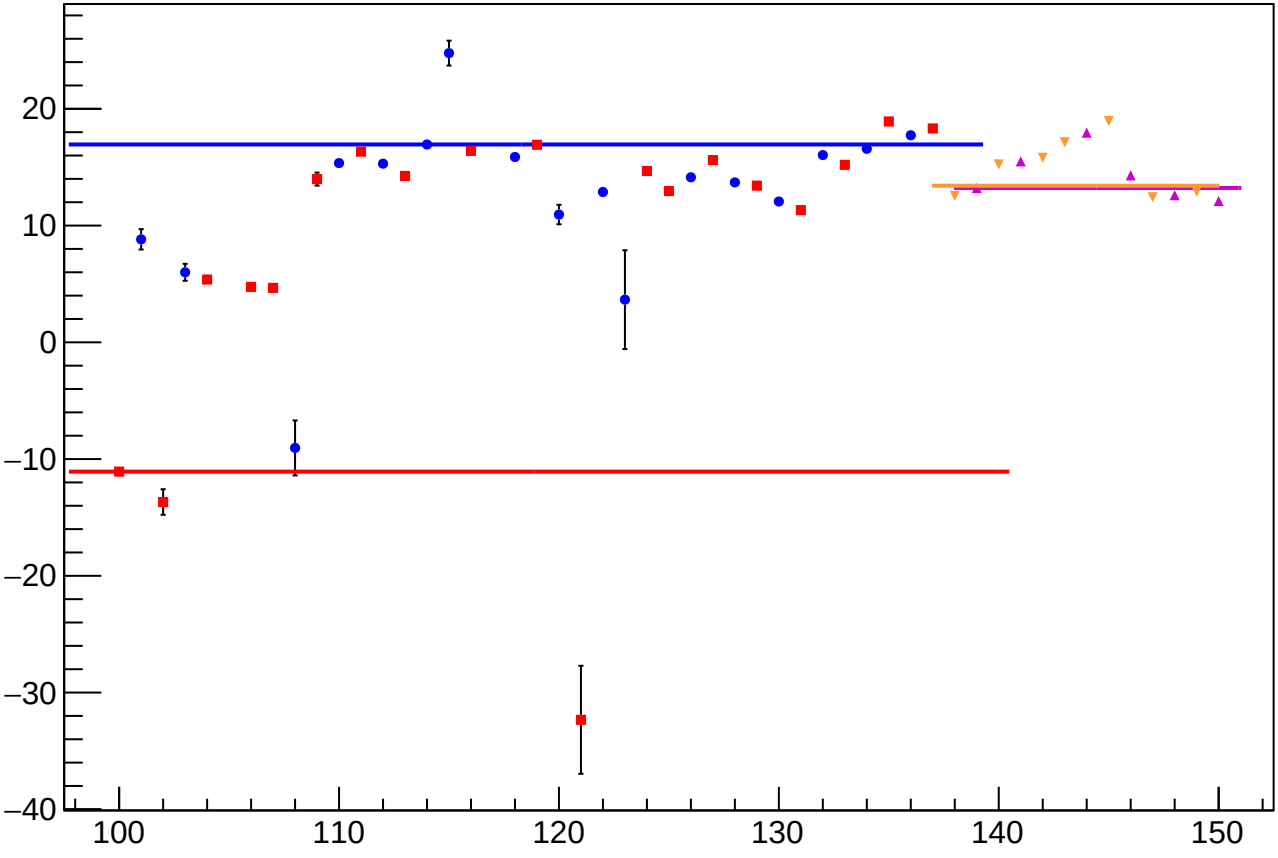
Left In: -0.106+/-0.013 χ^2/NDF:6399.7/5

+ sign -9.259+/-0.000 χ^2/NDF: 956690.7/23

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 9401995.3/24

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 13.413+/-0.014 χ^2/NDF:12098.8/6

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

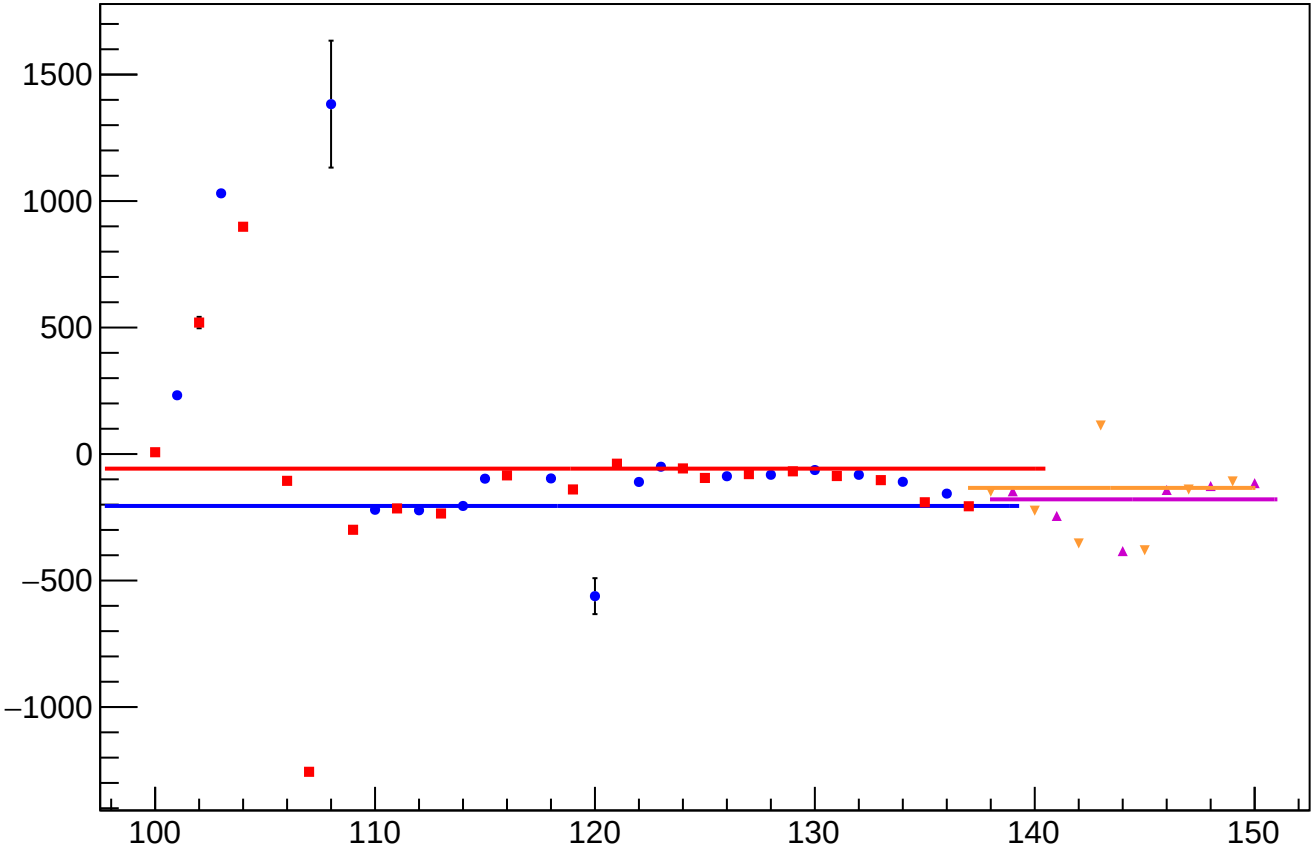
Left In: 13.223+/-0.016 χ^2/NDF:8638.0/5

+ sign 16.947+/-0.000 χ^2/NDF: 91805.0/23

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 5155099.4/24

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -133.811+/-0.424 χ^2/NDF:41875.9/6

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

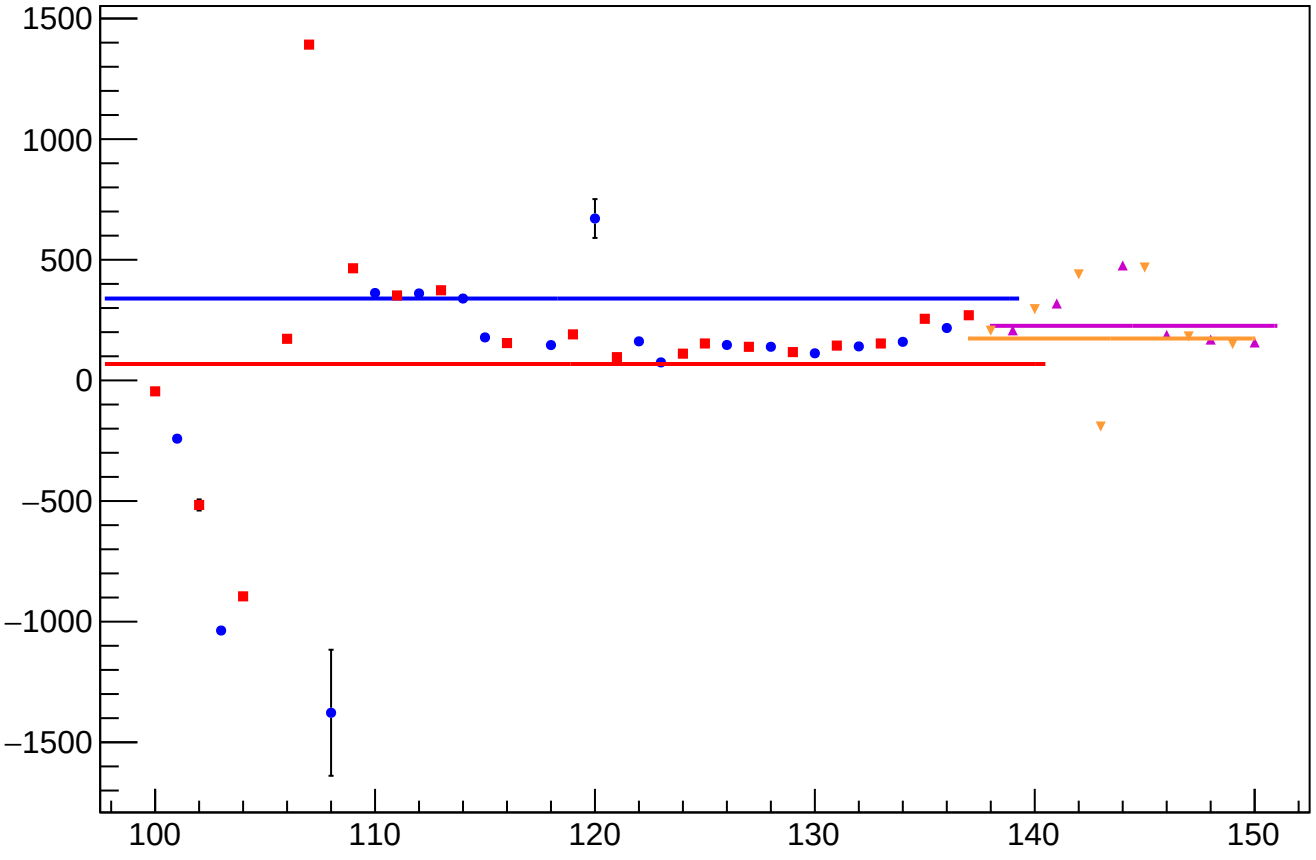
Left In: -179.074+/-0.480 χ^2/NDF:34383.6/5

+ sign -205.160+/-0.000 χ^2/NDF: 652999.4/23

All: -205.160+/-0.000 χ^2/NDF: 1076083.8/48

- sign -89.059+/-0.244 χ^2/NDF: 196676.2/24

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 173.618+/-0.433 χ^2/NDF:77423.1/6

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

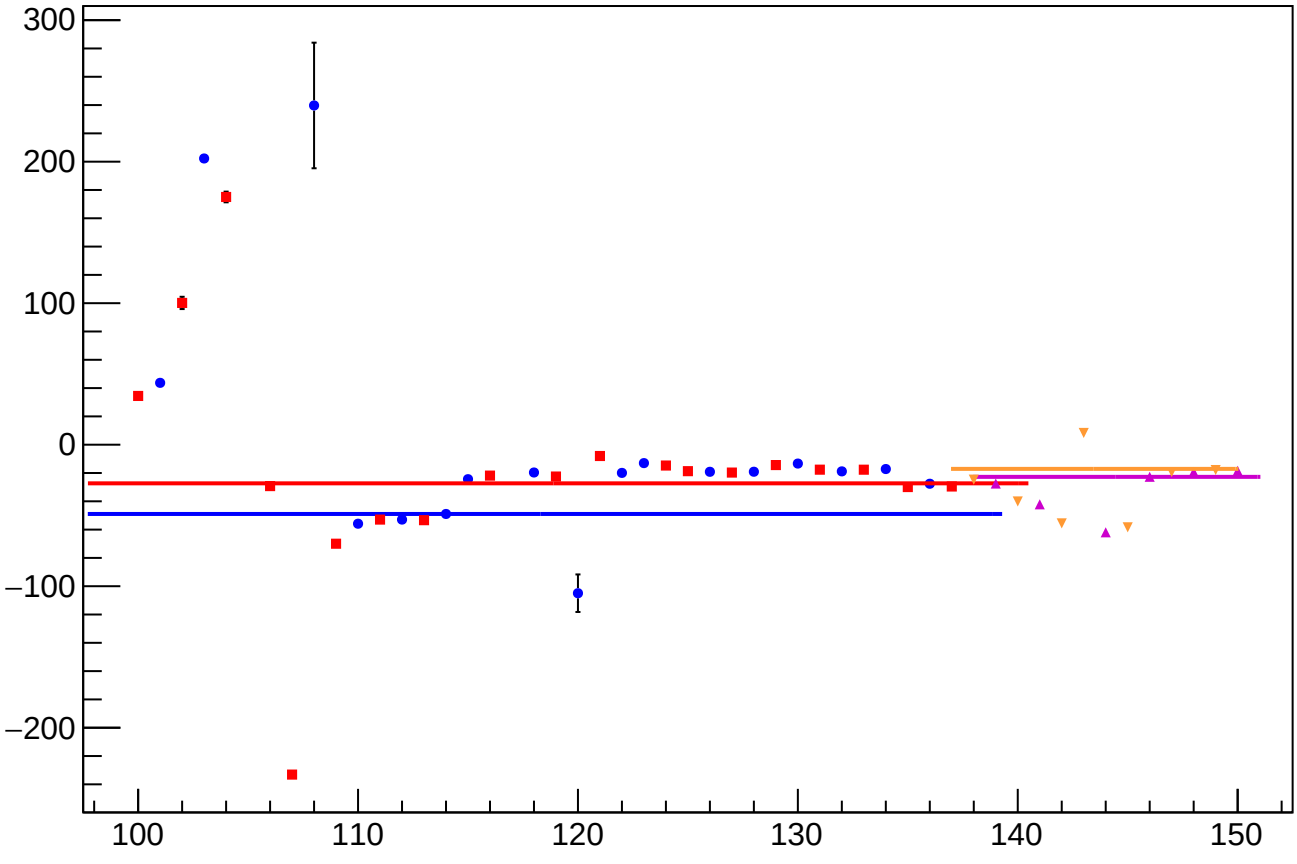
Left In: 226.251+/-0.494 χ^2/NDF:40607.4/5

+ sign 339.325+/-0.000 χ^2/NDF: 1254532.4/23

All: 339.325+/-0.000 χ^2/NDF: 2519312.8/48

- sign 107.818+/-0.248 χ^2/NDF: 389874.6/24

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -17.083+/-0.019 χ^2/NDF:528223.9/6

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

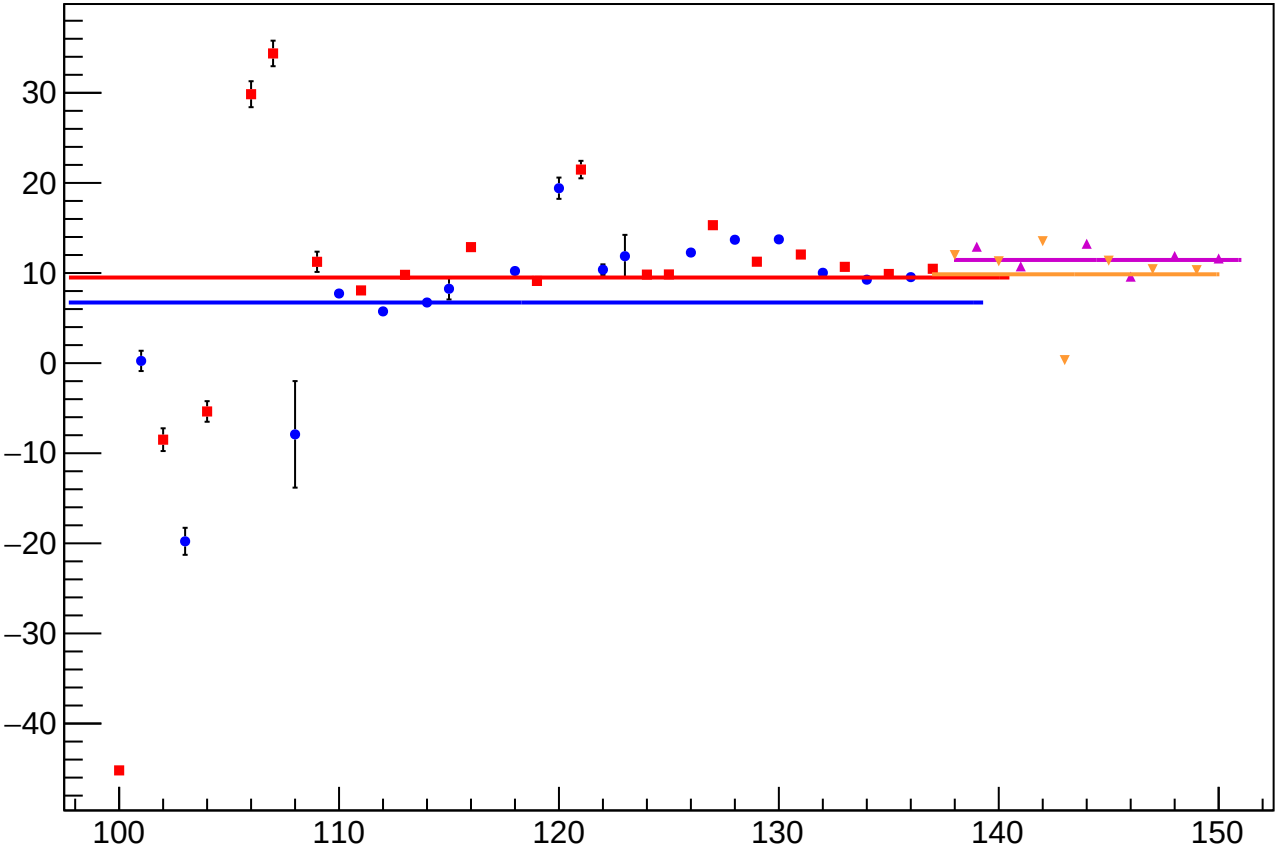
Left In: -22.728+/-0.027 χ^2/NDF:116828.3/5

+ sign -48.945+/-0.000 χ^2/NDF: 8812120.0/23

All: -48.945+/-0.000 χ^2/NDF: 10228666.9/48

- sign -23.697+/-0.024 χ^2/NDF: 290881.9/24

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.860+/-0.027 χ^2/NDF:20601.7/6

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

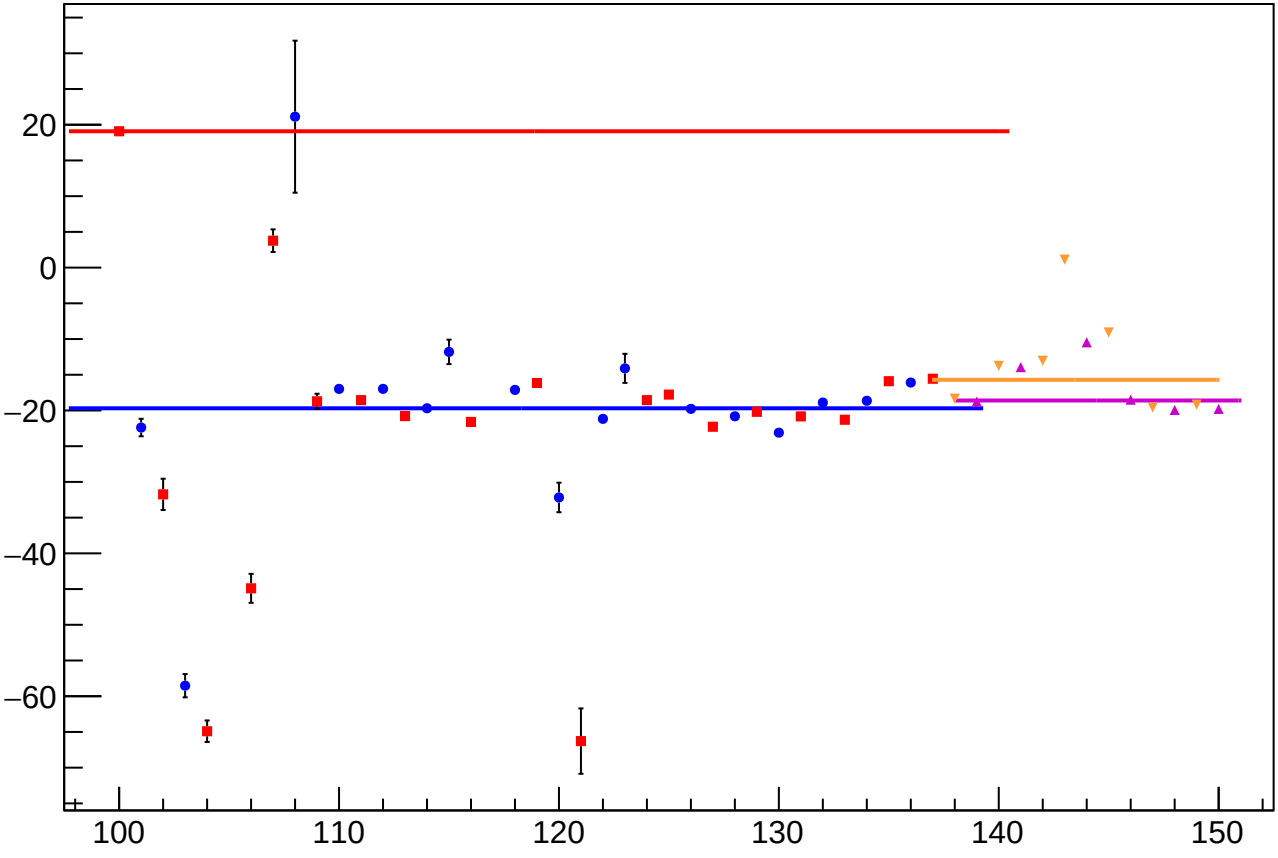
Left In: 11.451+/-0.023 χ^2/NDF:2186.1/5

+ sign 6.728+/-0.000 χ^2/NDF: 47704.1/23

All: 6.728+/-0.000 χ^2/NDF: 124747.2/48

- sign 10.876+/-0.019 χ^2/NDF: 31118.9/24

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -15.706+/-0.033 χ^2/NDF:31976.1/6

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

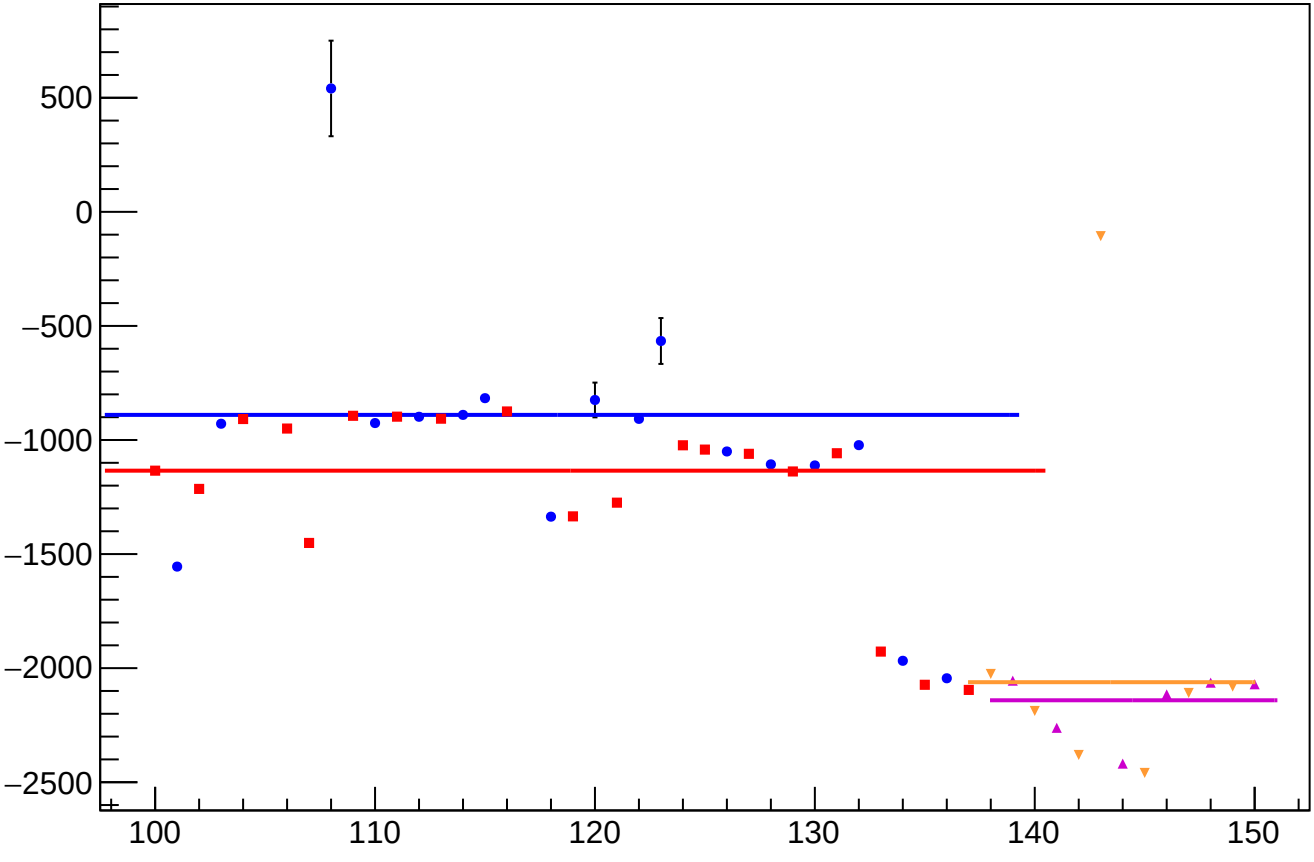
Left In: -18.603+/-0.030 χ^2/NDF:5173.7/5

+ sign -19.693+/-0.000 χ^2/NDF: 53895.4/23

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 2145315.3/24

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -2061.561+/-0.815 χ^2/NDF:255376.5/6

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

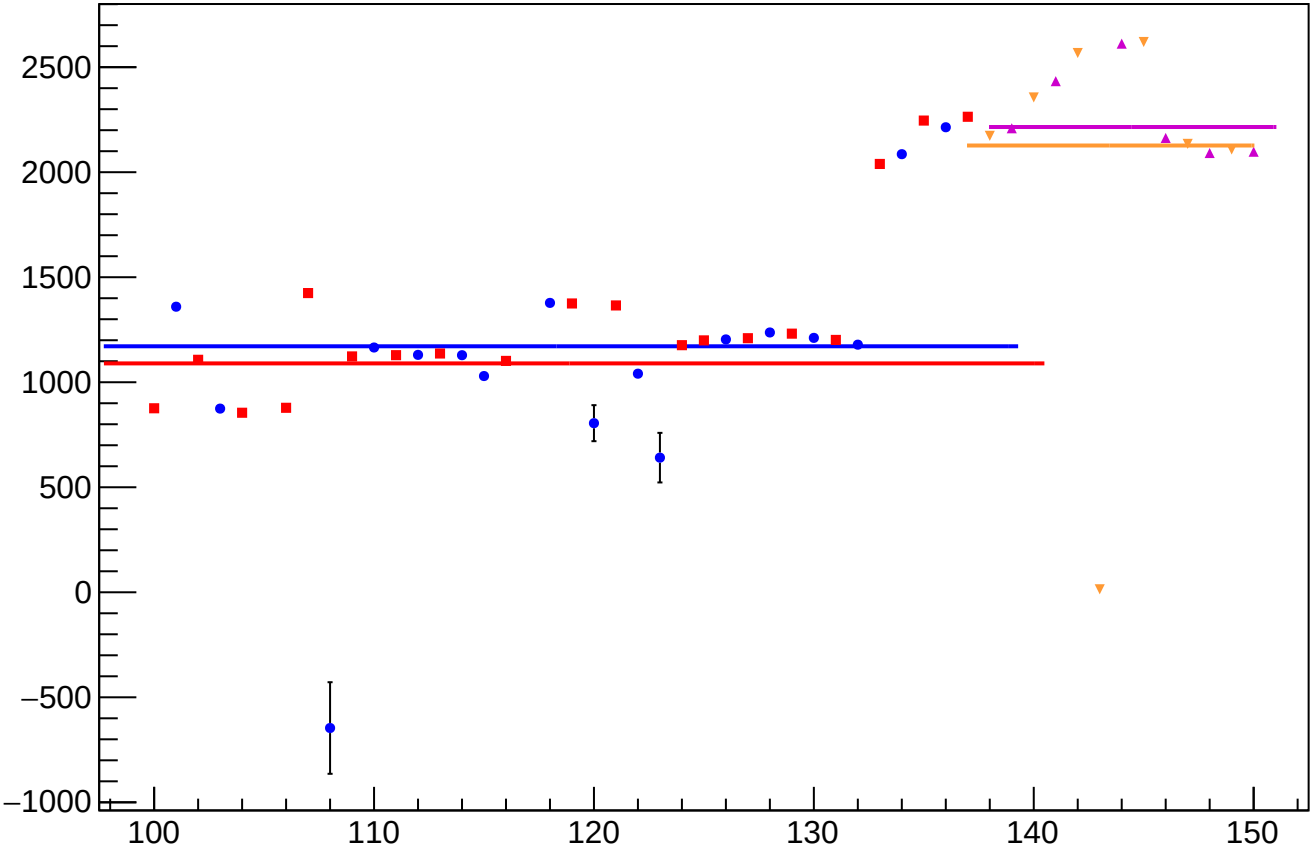
Left In: -2140.848+/-0.731 χ^2/NDF:29934.8/5

+ sign -889.928+/-0.000 χ^2/NDF: 3096630.2/23

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 2659510.8/24

dit_atl2_4eX_slope vs Slug



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2127.097+/-0.844 χ^2/NDF:295739.7/6

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

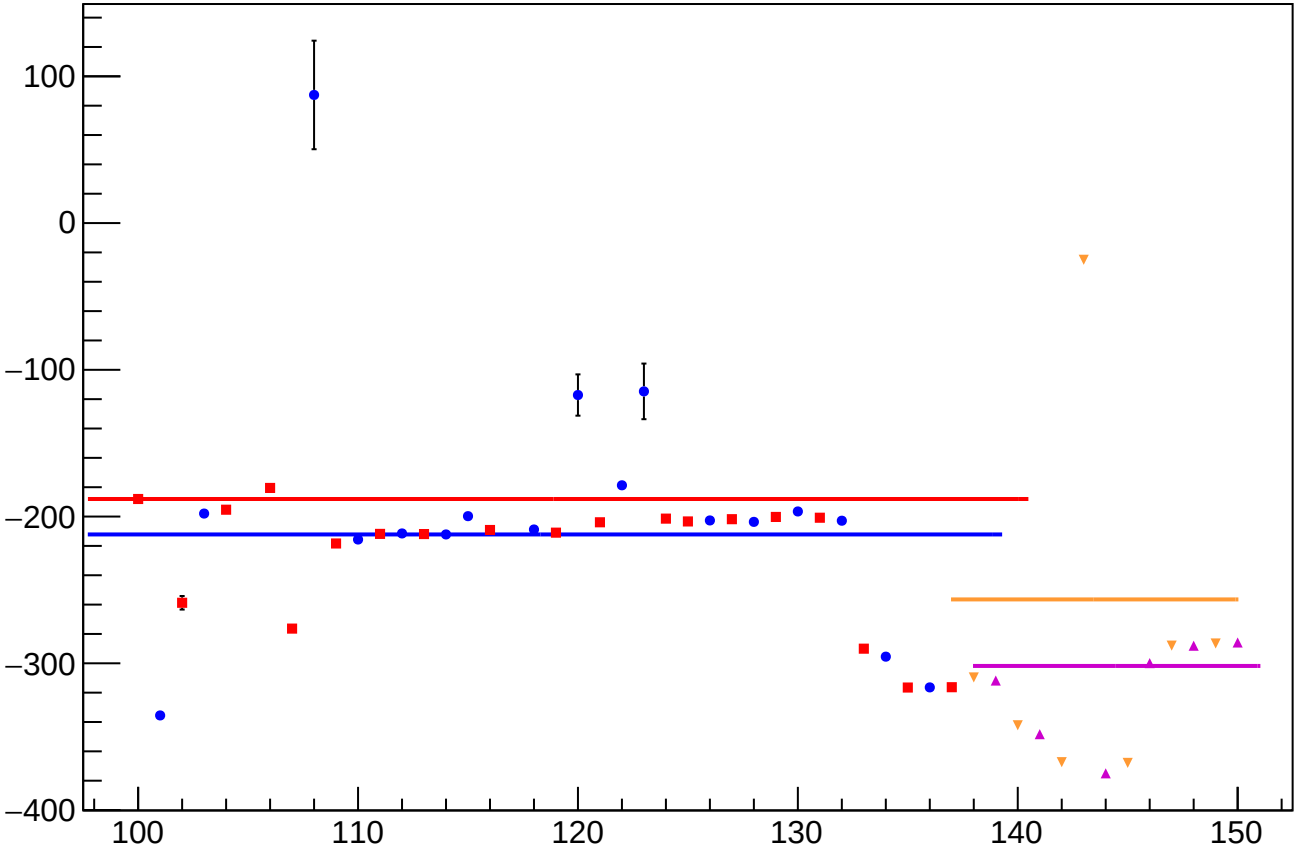
Left In: 2215.178+/-0.760 χ^2/NDF:52007.1/5

+ sign 1245.698+/-0.236 χ^2/NDF: 1987713.8/23

All: 1224.487+/-0.168 χ^2/NDF: 5131206.7/48

- sign 1202.403+/-0.240 χ^2/NDF: 3126950.7/24

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -256.470+/-0.044 χ^2/NDF:5284071.9/6

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

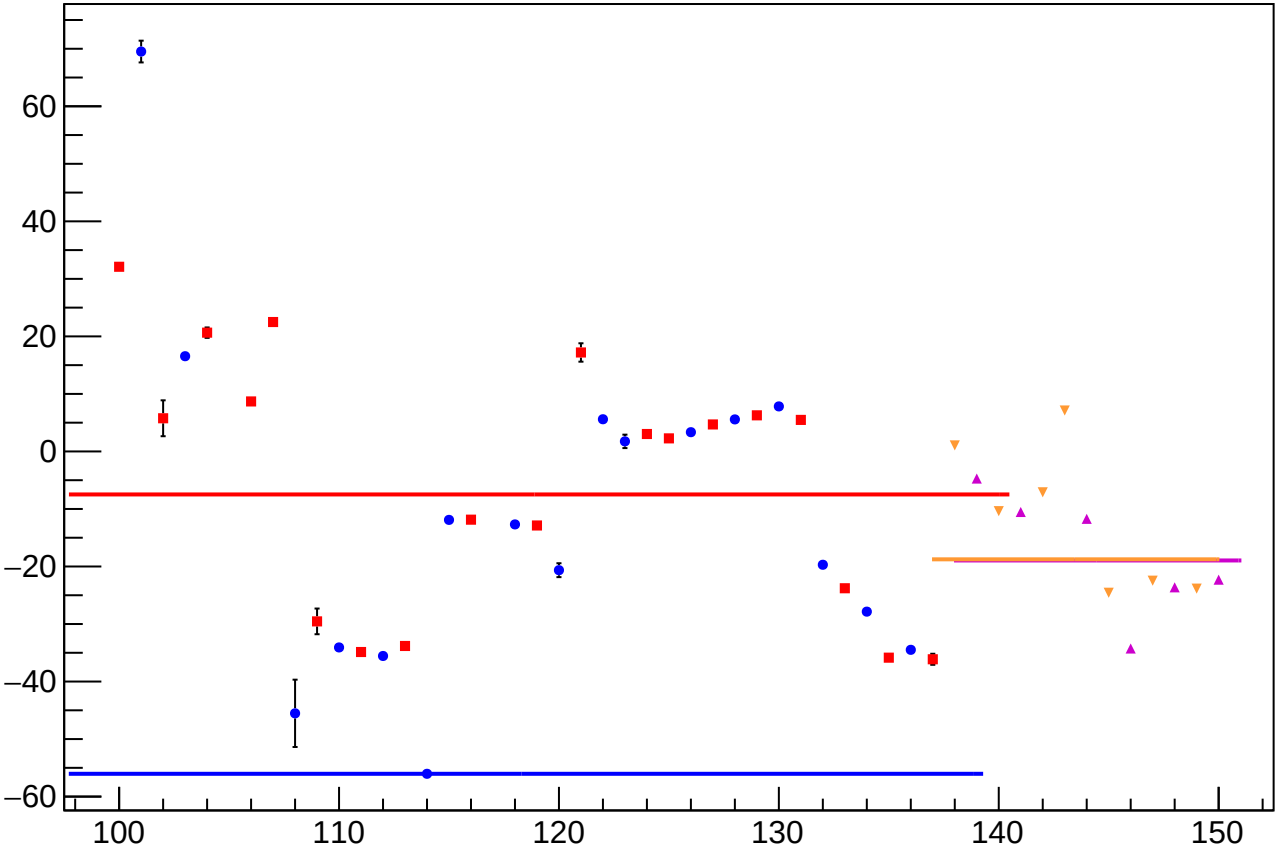
Left In: -301.802+/-0.051 χ^2/NDF:264062.8/5

+ sign -212.190+/-0.000 χ^2/NDF: 7434835.0/23

All: -195.625+/-0.000 χ^2/NDF: 1362230362

- sign -188.033+/-0.000 χ^2/NDF: 5793721.3/24

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -18.756+/-0.045 χ^2/NDF:41557.1/6

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

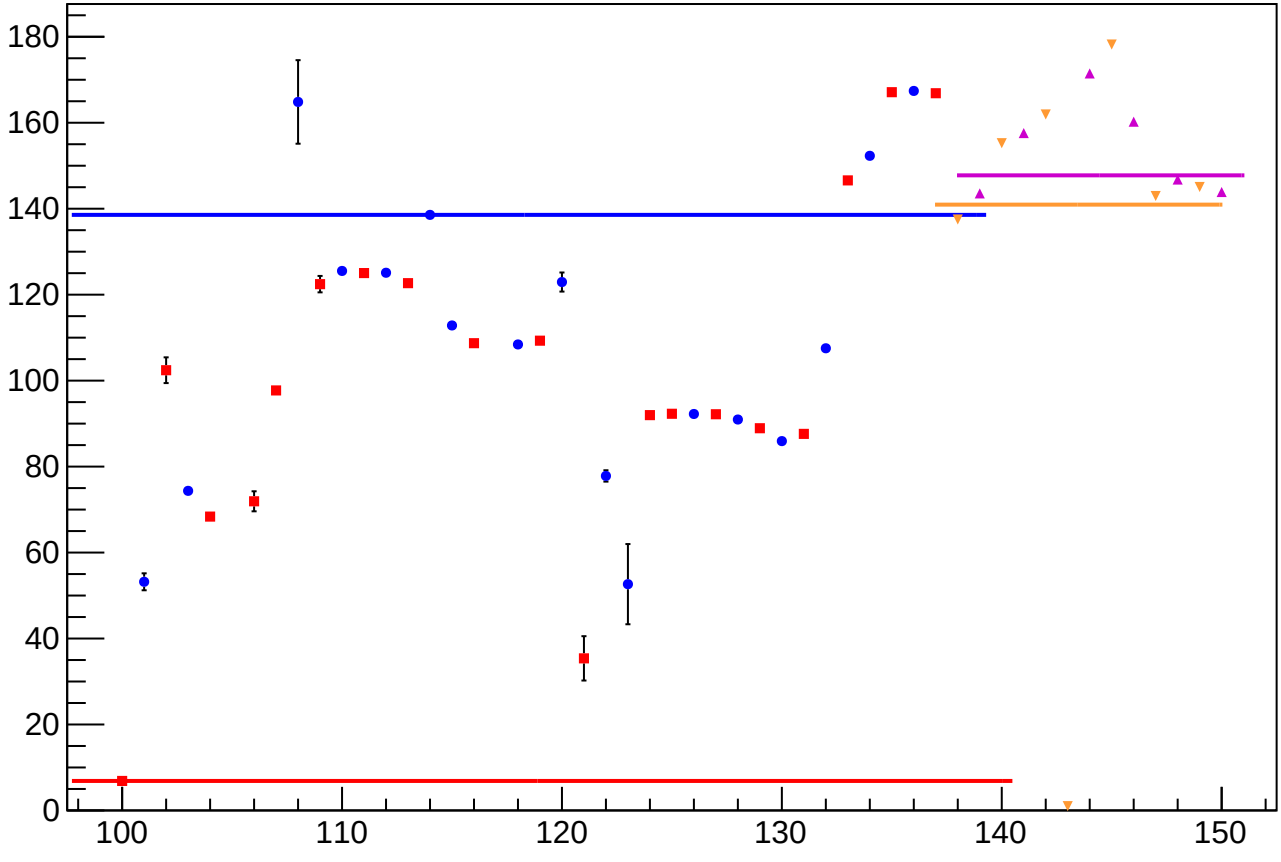
Left In: -18.952+/-0.041 χ^2/NDF:24892.4/5

+ sign -56.037+/-0.000 χ^2/NDF: 2328346.6/23

All: -56.037+/-0.000 χ^2/NDF: 4652847.3/48

- sign -13.313+/-0.030 χ^2/NDF: 236432.8/24

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 140.947+/-0.048 χ^2/NDF:301360.5/6

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

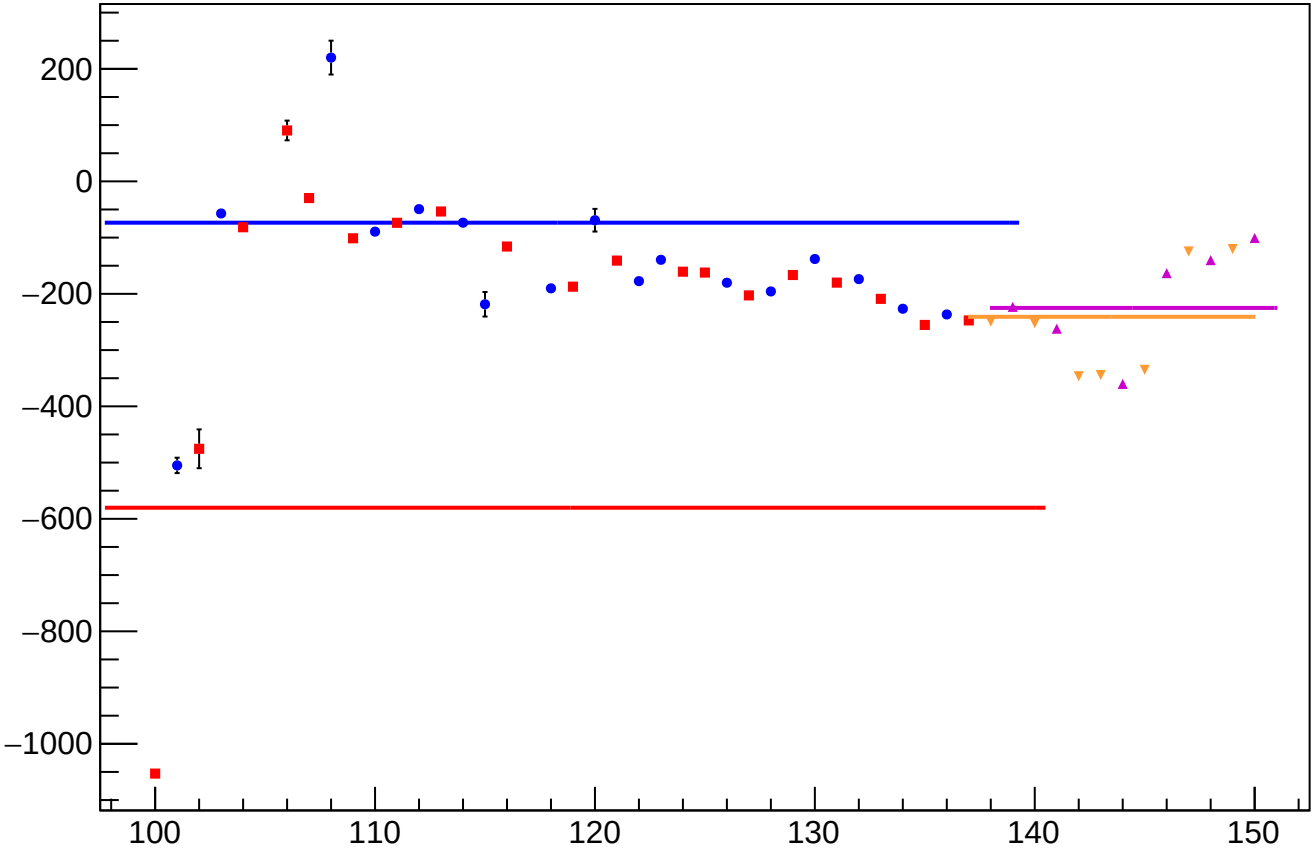
Left In: 147.760+/-0.049 χ^2/NDF:17229.1/5

+ sign 138.565+/-0.000 χ^2/NDF: 1204963.7/23

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 16203612.7/24

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -240.833+/-0.423 χ^2/NDF:34220.0/6

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

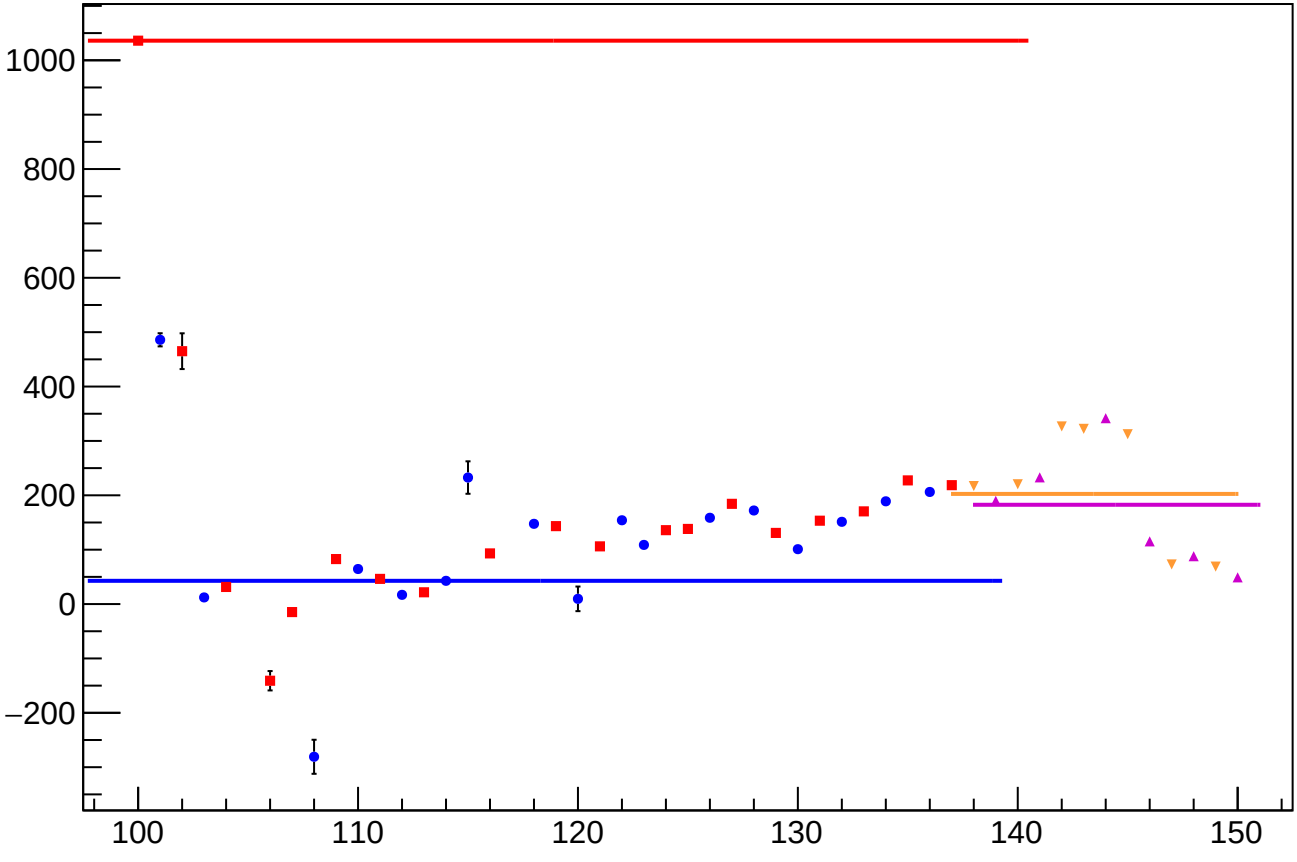
Left In: -225.003+/-0.440 χ^2/NDF:39227.1/5

+ sign -73.485+/-0.000 χ^2/NDF: 289670.3/23

All: -73.485+/-0.000 χ^2/NDF: 7251010.7/48

- sign -487.746+/-0.224 χ^2/NDF: 3553535.8/24

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 202.555+/-0.437 χ^2/NDF:42576.3/6

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

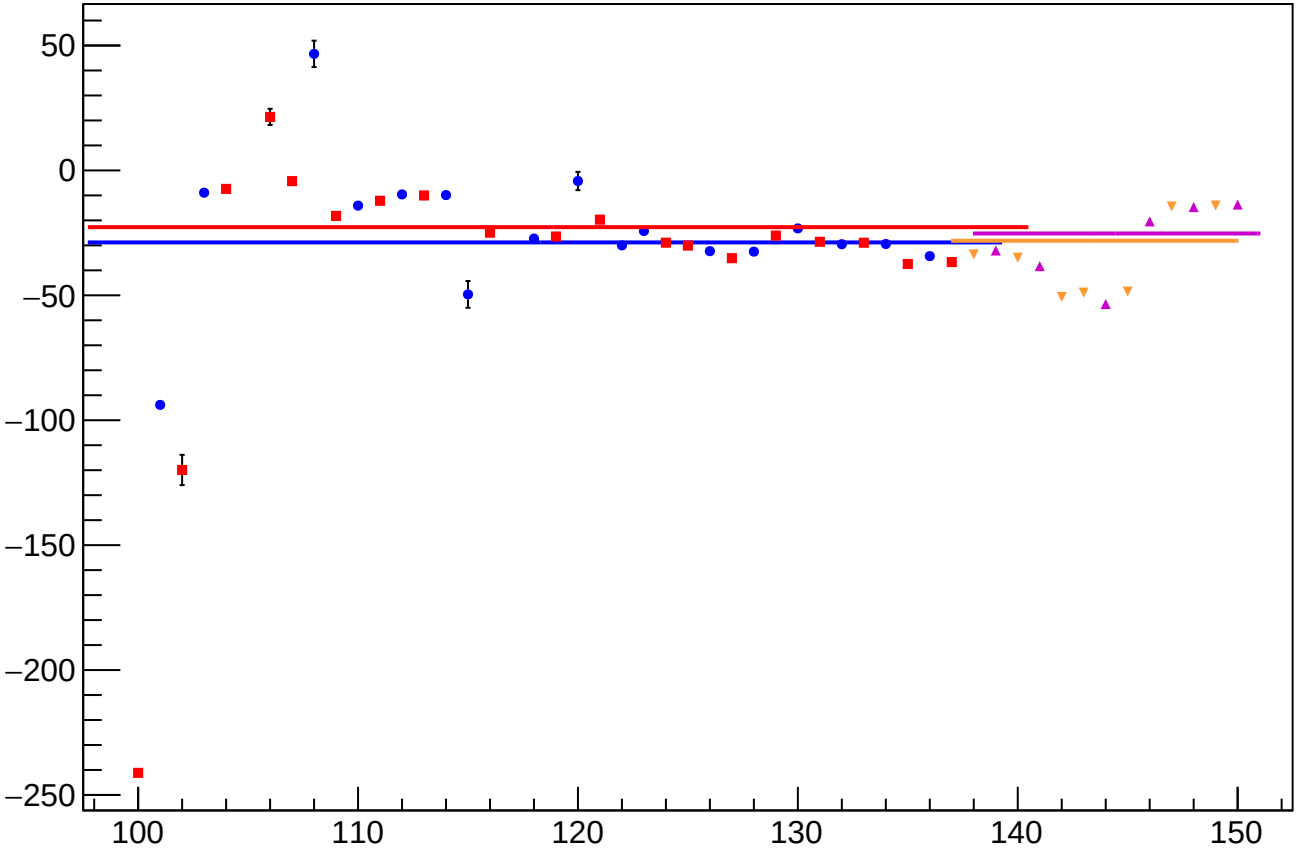
Left In: 182.579+/-0.456 χ^2/NDF:46315.5/5

+ sign 42.743+/-0.000 χ^2/NDF: 261209.3/23

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 8489831.7/24

dit_atr1_11X12X_slope vs Slug



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -28.154+/-0.026 χ^2/NDF:215515.7/6

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

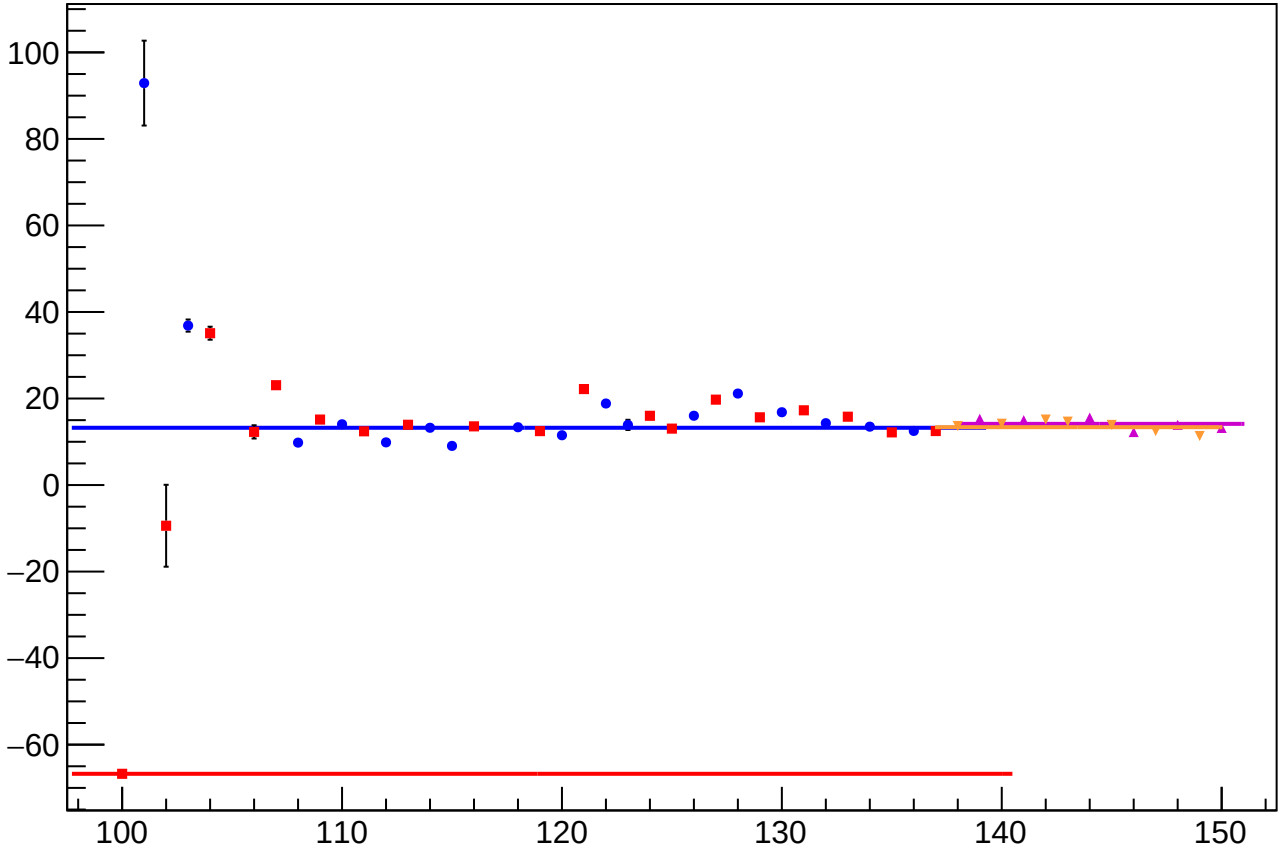
Left In: -25.247+/-0.030 χ^2/NDF:145867.9/5

+ sign -28.388+/-0.021 χ^2/NDF: 265259.7/23

All: -26.618+/-0.016 χ^2/NDF: 841305.7/48

- sign -24.261+/-0.024 χ^2/NDF: 558764.8/24

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.372+/-0.028 χ^2/NDF:2261.8/6

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

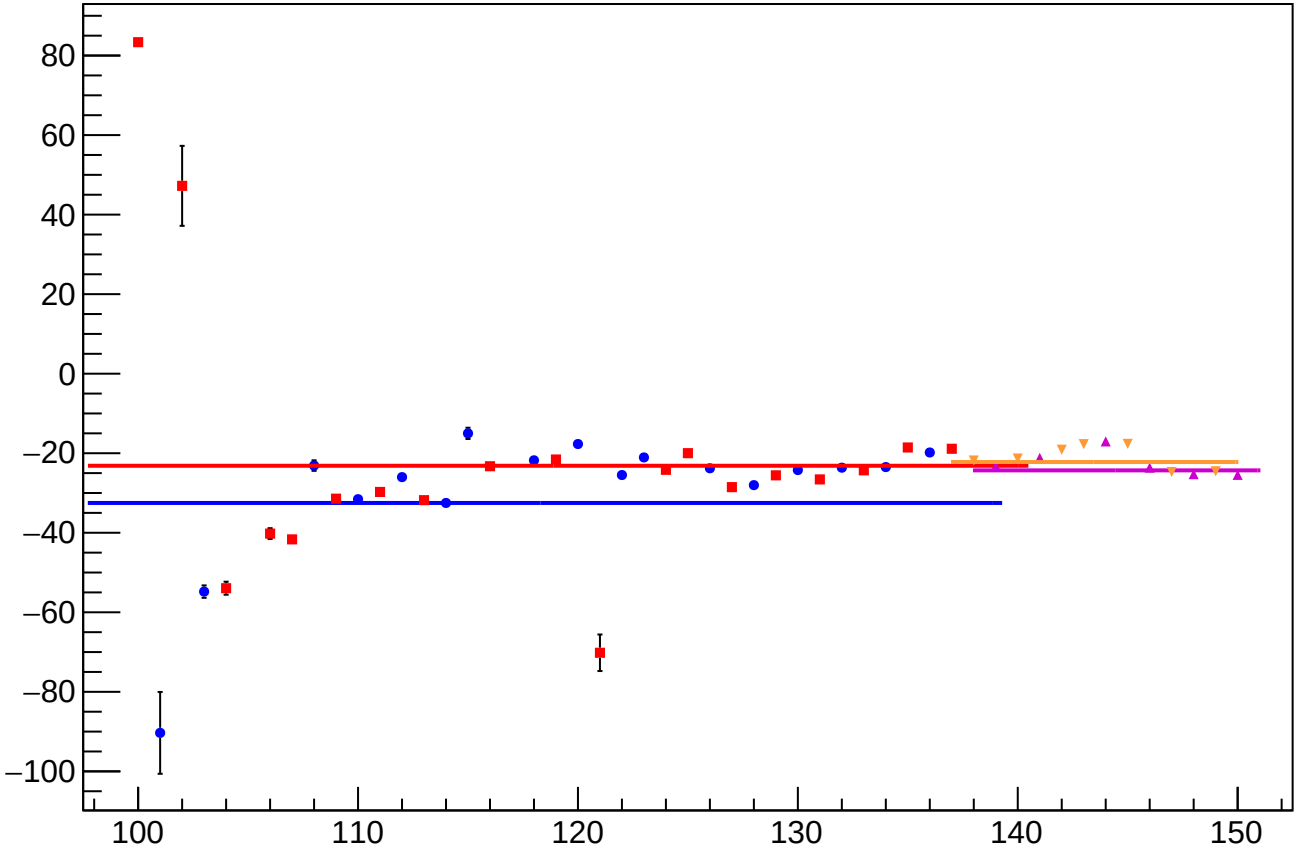
Left In: 14.141+/-0.025 χ^2/NDF:2215.3/5

+ sign 13.238+/-0.000 χ^2/NDF: 8040.6/23

All: 12.562+/-0.000 χ^2/NDF: 188431002765

- sign -66.739+/-0.000 χ^2/NDF: 13328082.6/24

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -22.210+/-0.030 χ^2/NDF:8791.1/6

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

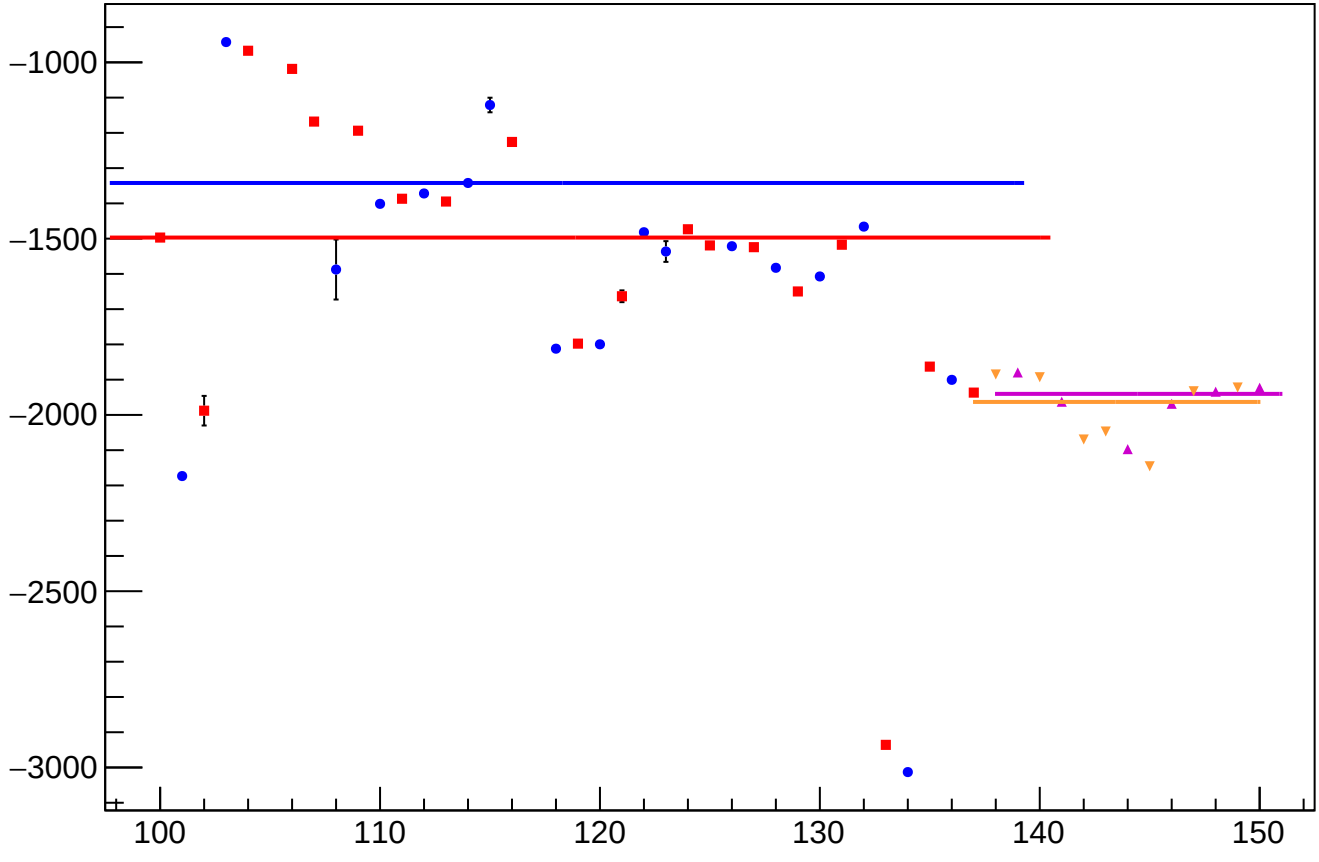
Left In: -24.311+/-0.030 χ^2/NDF:5242.5/5

+ sign -32.504+/-0.000 χ^2/NDF: 201143.3/23

All: -32.504+/-0.000 χ^2/NDF: 412646.1/48

- sign -23.989+/-0.025 χ^2/NDF: 96420.4/24

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1963.149+/-0.696 χ^2/NDF:12332.3/6

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

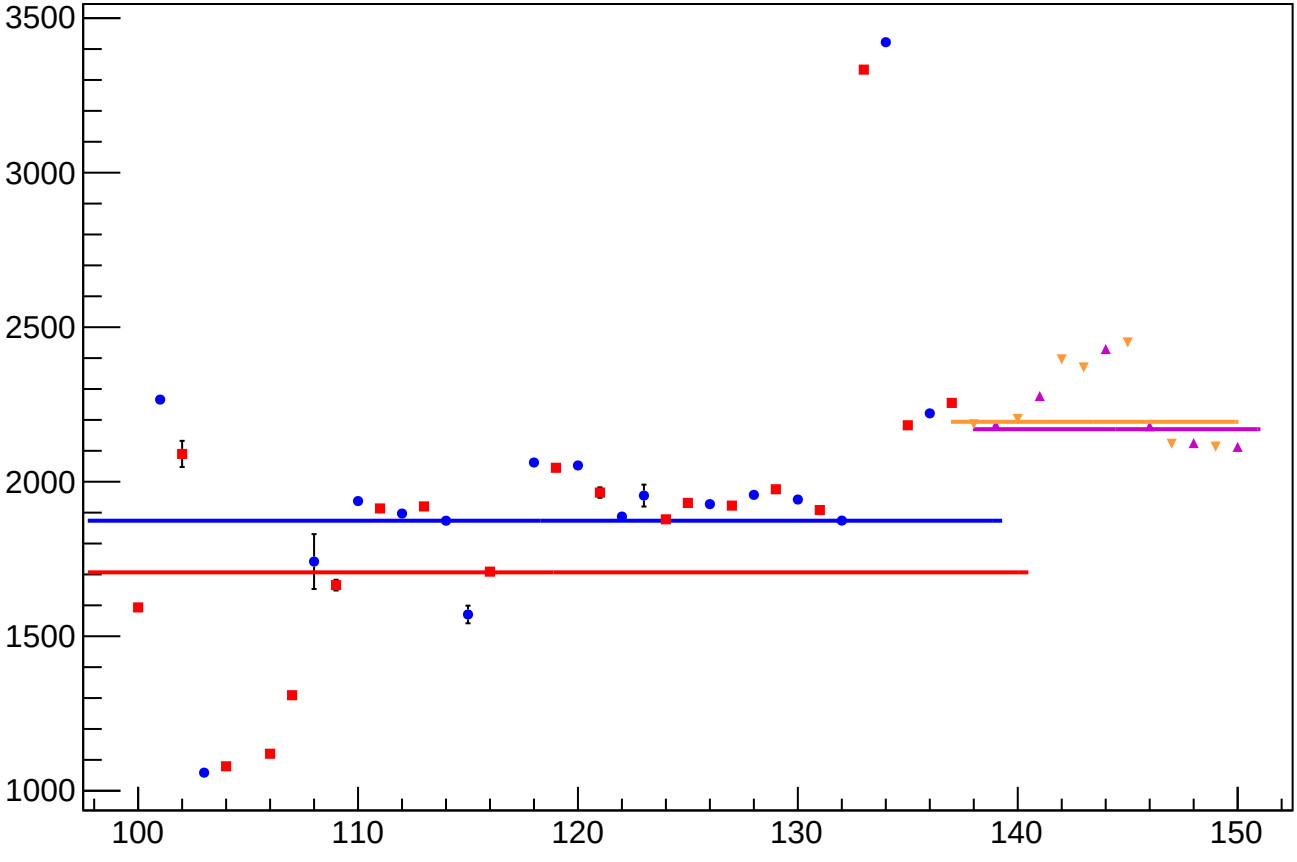
Left In: -1940.297+/-0.458 χ^2/NDF:13562.5/5

+ sign -1342.107+/-0.000 χ^2/NDF: 1179747.7/23

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 1454671.0/24

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2193.819+/-0.730 χ^2/NDF:22919.3/6

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

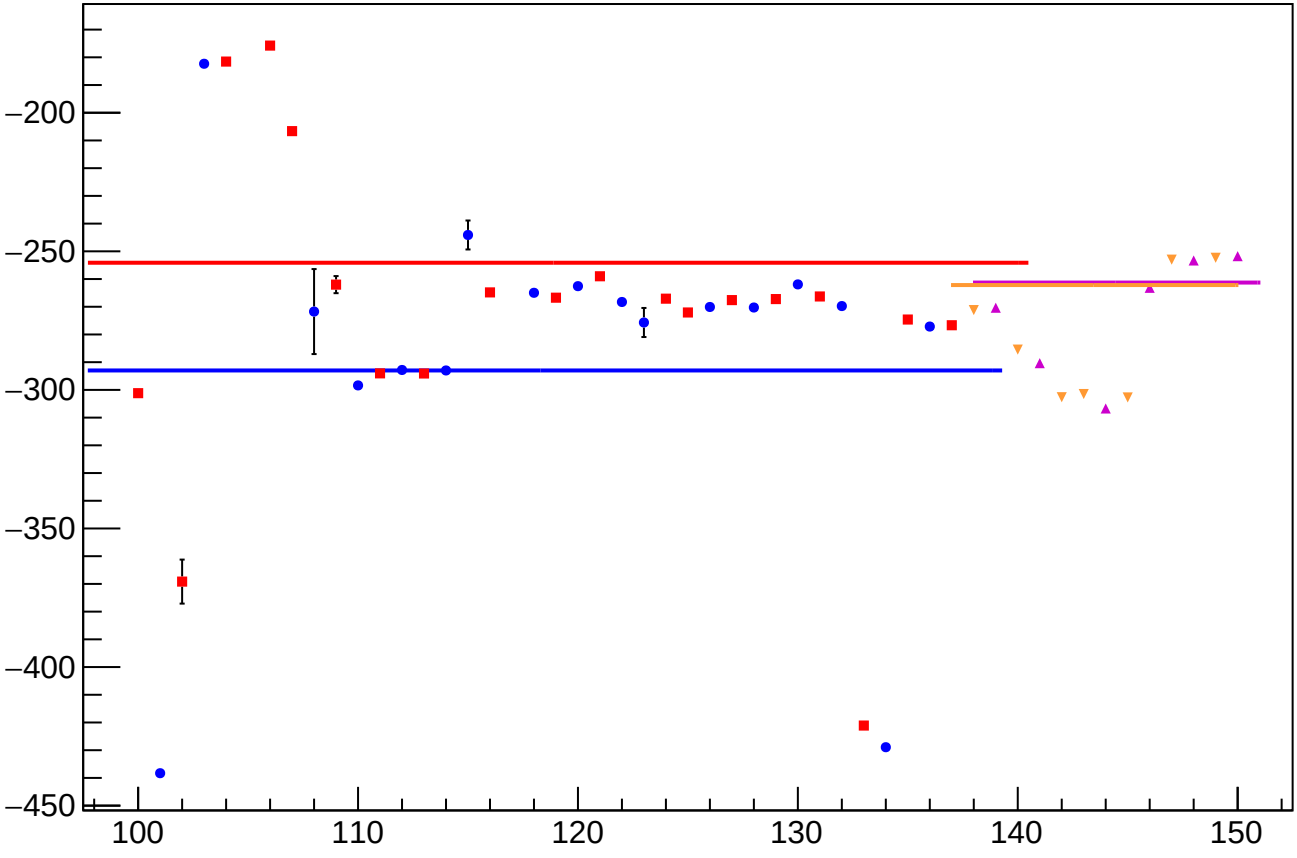
Left In: 2170.021+/-0.465 χ^2/NDF:34205.7/5

+ sign 1873.852+/-0.000 χ^2/NDF: 416434.5/23

All: 1873.852+/-0.000 χ^2/NDF: 1999423.8/48

- sign 1844.376+/-0.254 χ^2/NDF: 1569471.9/24

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -262.171+/-0.040 χ^2/NDF:175923.3/6

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

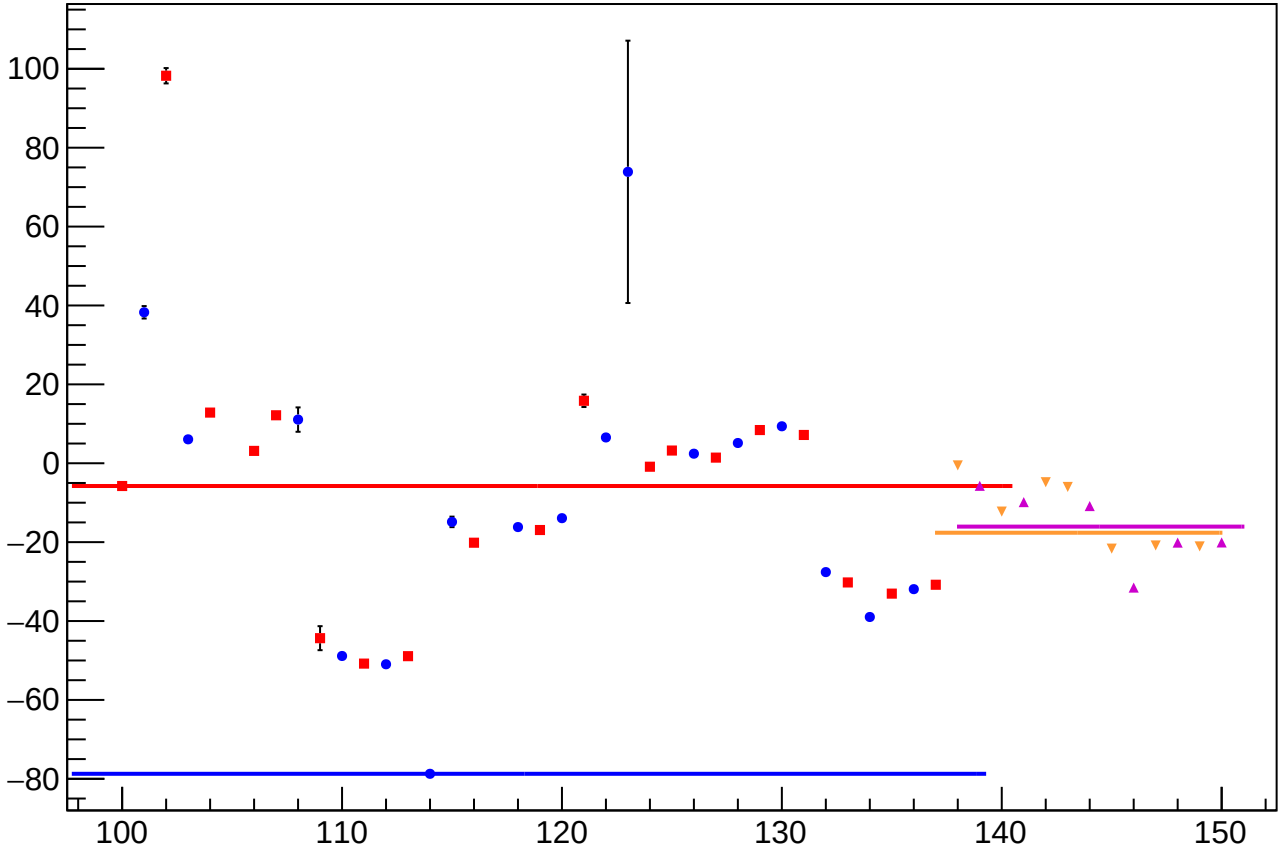
Left In: -261.271+/-0.032 χ^2/NDF:226712.9/5

+ sign -292.986+/-0.000 χ^2/NDF: 1781756.6/23

All: -292.986+/-0.000 χ^2/NDF: 3904497.1/48

- sign -259.615+/-0.028 χ^2/NDF: 740665.5/24

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -17.614+/-0.041 χ^2/NDF:17935.4/6

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

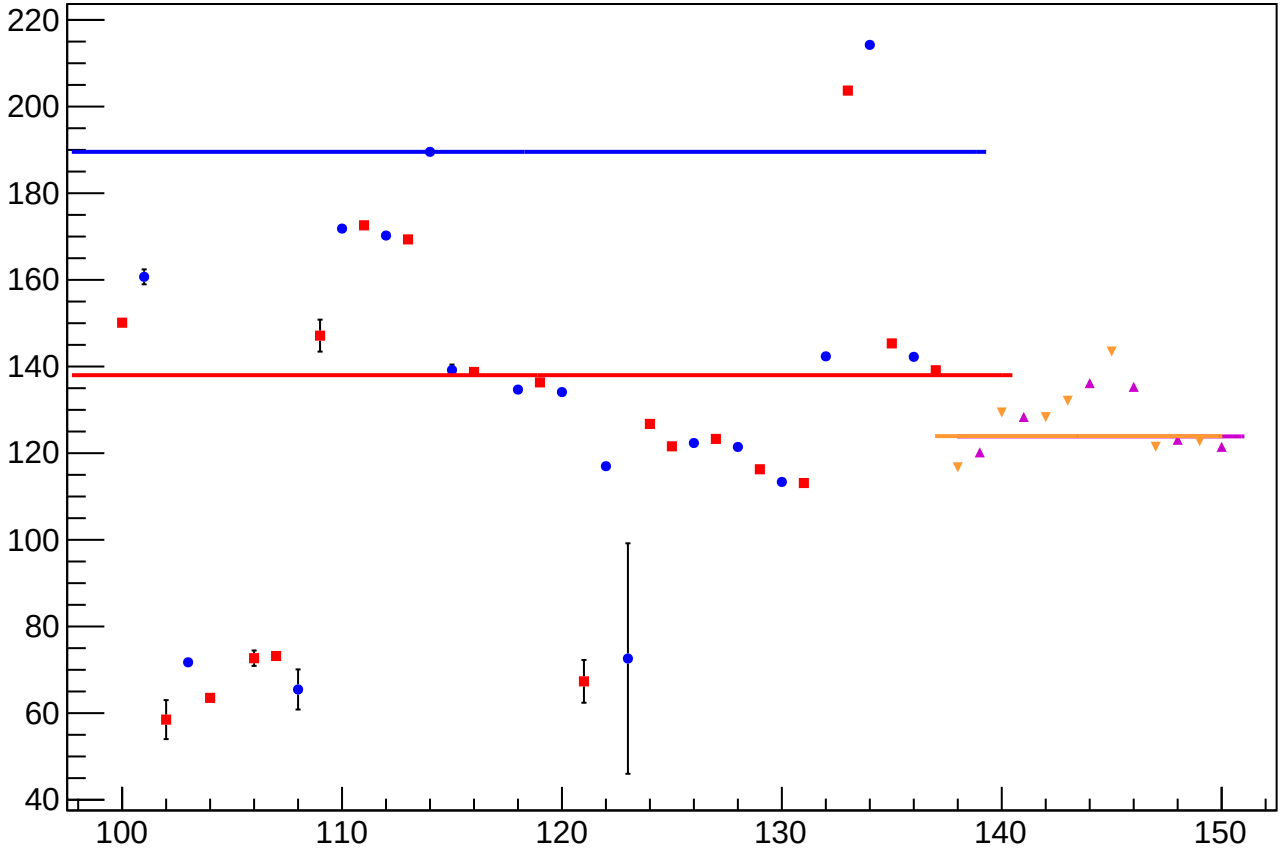
Left In: -16.061+/-0.037 χ^2/NDF:25358.5/5

+ sign -78.728+/-0.000 χ^2/NDF: 3670768.2/23

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 212954.8/24

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 123.940+/-0.049 χ^2/NDF:7276.5/6

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

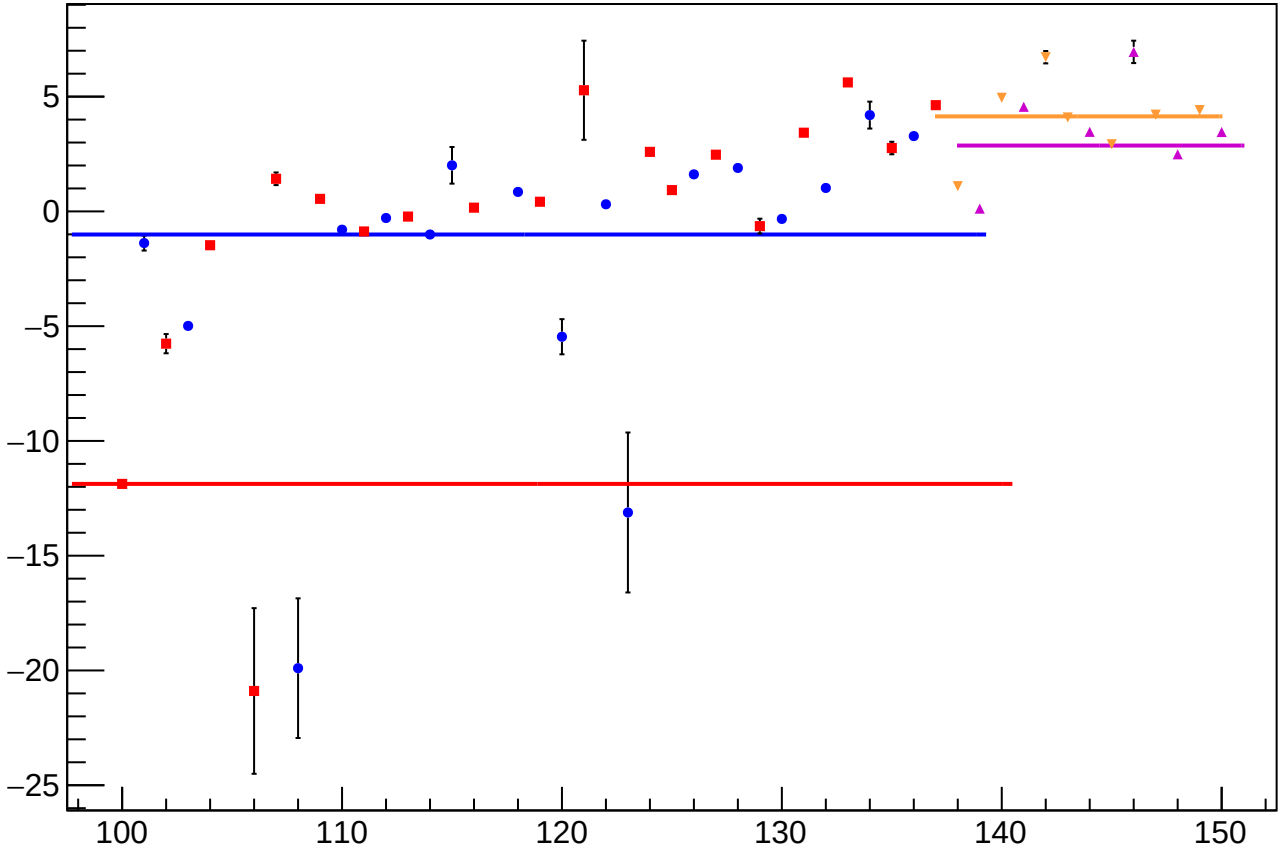
Left In: 123.870+/-0.043 χ^2/NDF:8695.2/5

+ sign 189.551+/-0.000 χ^2/NDF: 2738015.4/23

All: 189.551+/-0.000 χ^2/NDF: 5941607.0/48

- sign 128.789+/-0.035 χ^2/NDF: 163371.0/24

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 4.139+/-0.045 χ^2/NDF:488.7/6

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

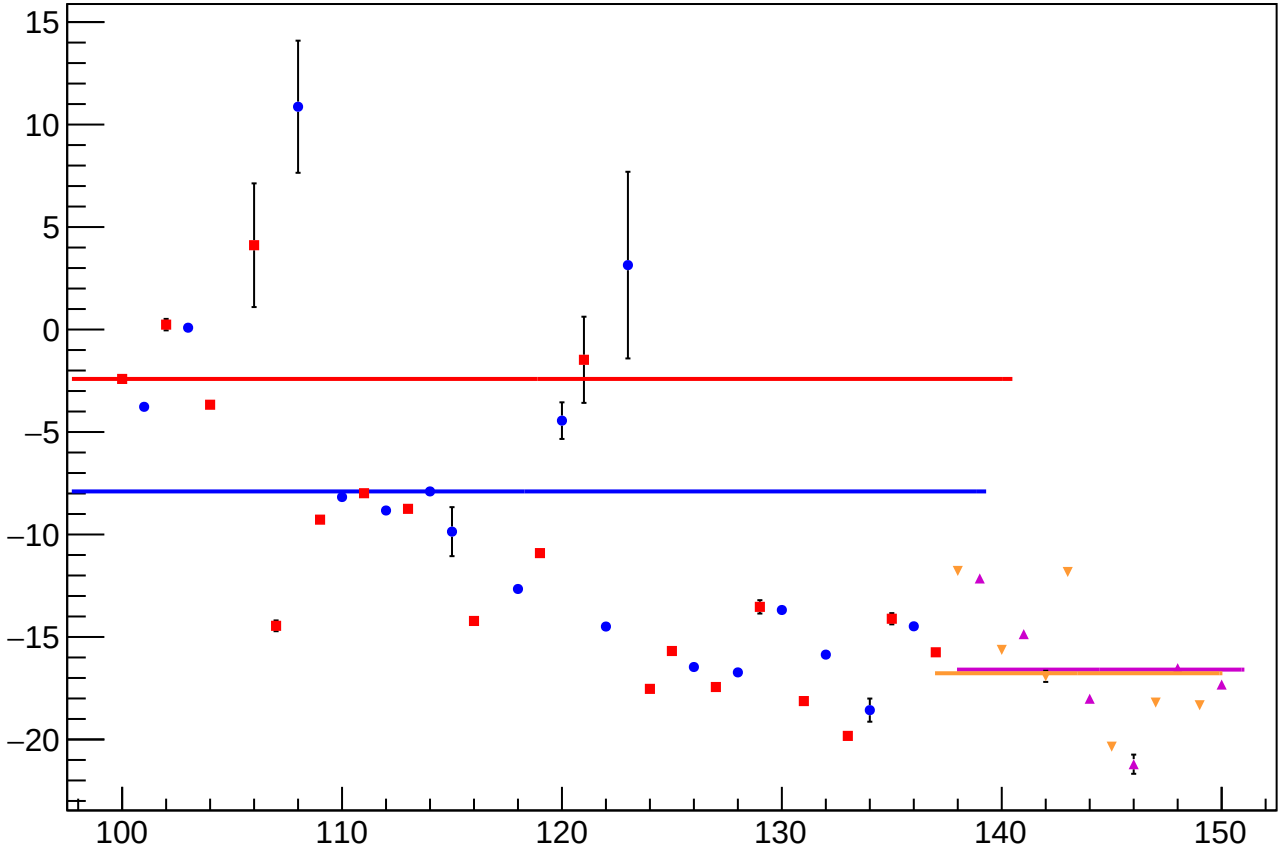
Left In: 2.869+/-0.029 χ^2/NDF:2426.1/5

+ sign -1.007+/-0.000 χ^2/NDF: 20728.0/23

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 765556.8/24

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.770+/-0.044 χ^2/NDF:3803.3/6

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

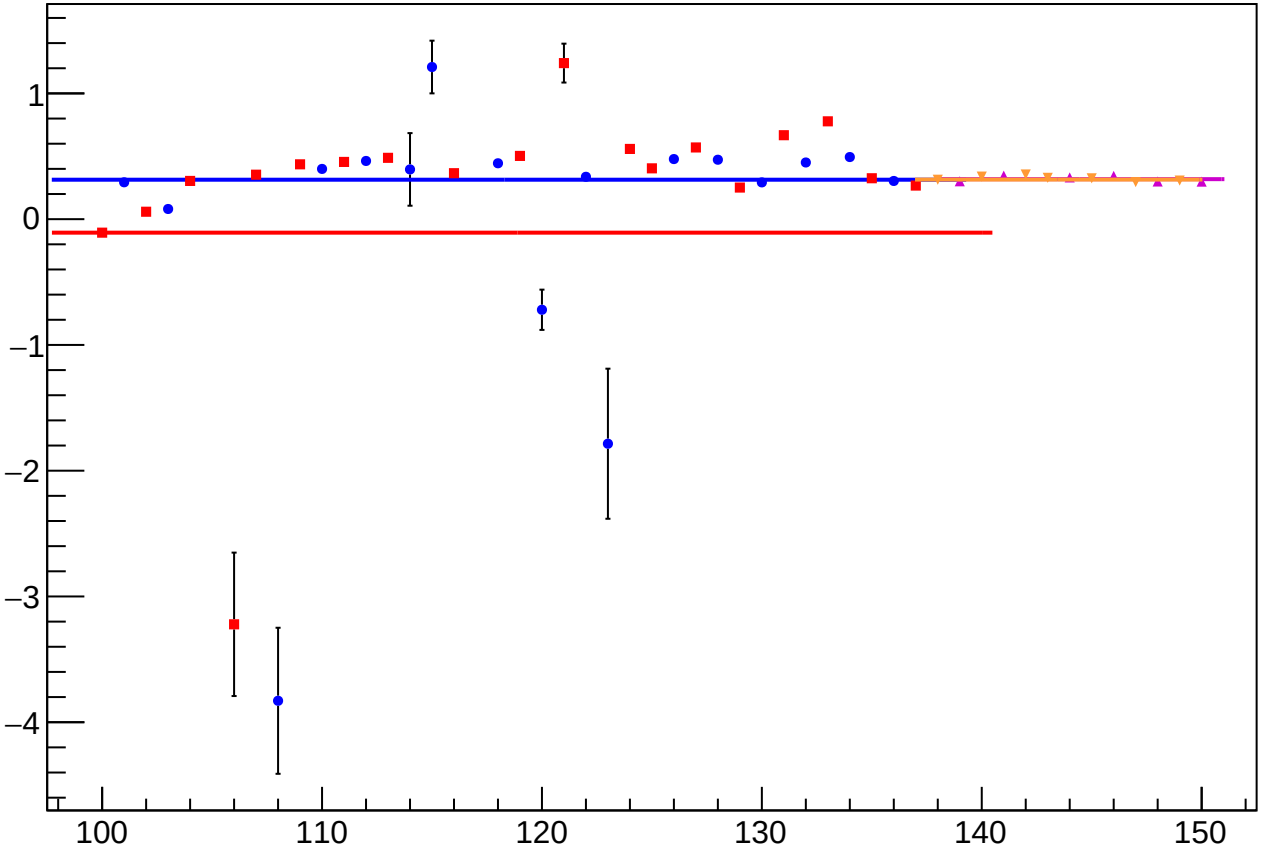
Left In: -16.592+/-0.032 χ^2/NDF:2296.1/5

+ sign -7.899+/-0.000 χ^2/NDF: 83462.4/23

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 397080.3/24

dit_sam1_11X12X_slope vs Slug



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.315+/-0.001 χ^2/NDF:1156.0/6

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

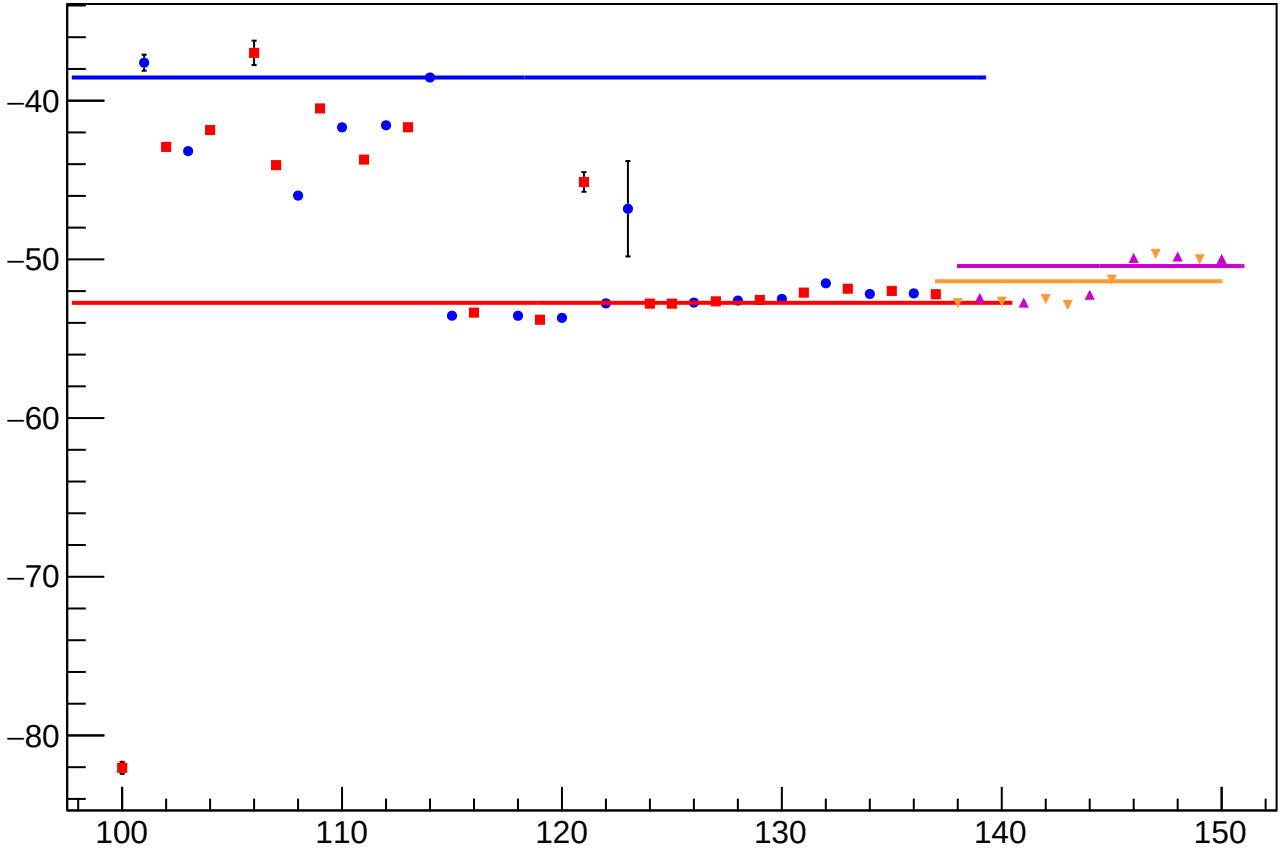
Left In: 0.318+/-0.001 χ^2/NDF:1294.4/5

+ sign 0.315+/-0.000 χ^2/NDF: 3905.3/23

All: -0.107+/-0.000 χ^2/NDF: 1759652.7/48

- sign -0.107+/-0.000 χ^2/NDF: 863454.5/24

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -51.377+/-0.004 χ^2/NDF:140677.2/6

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

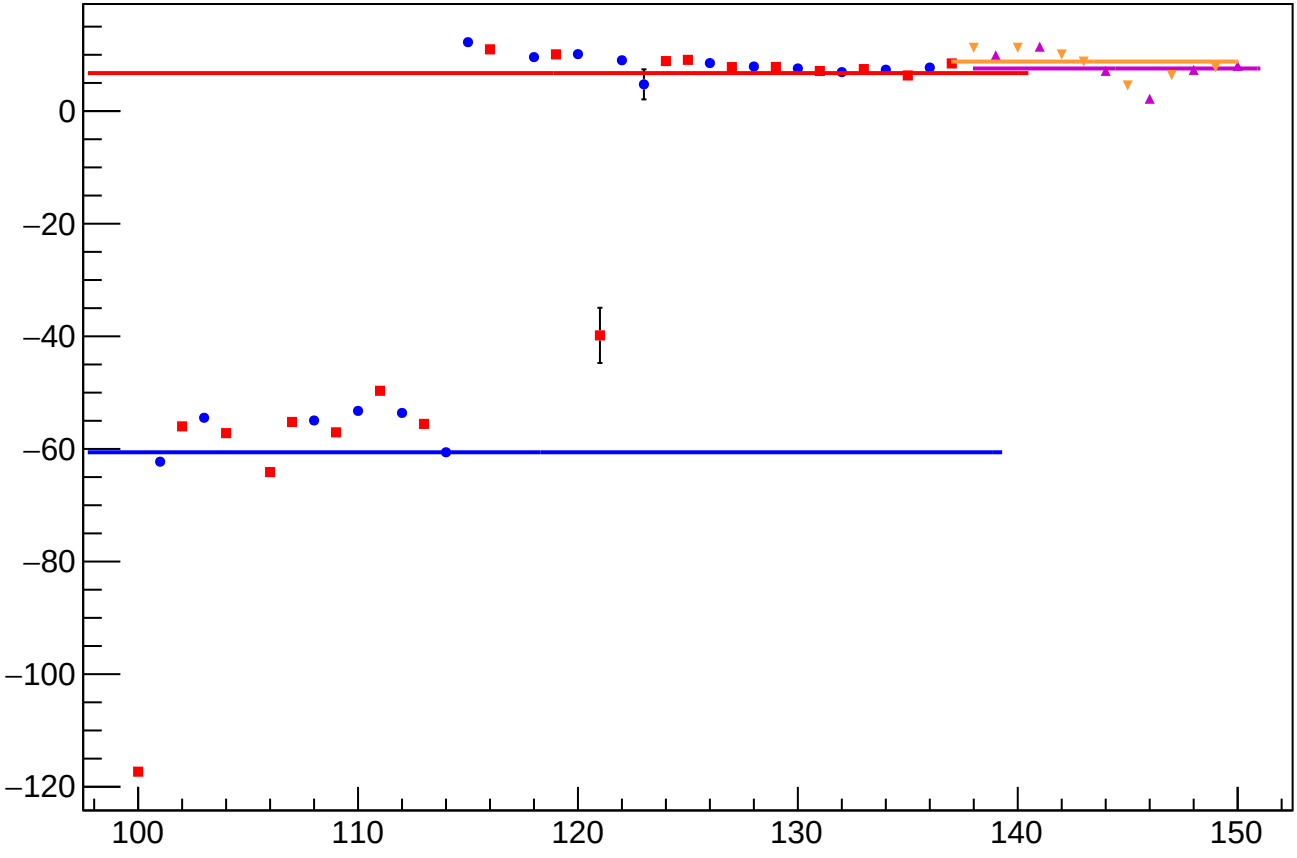
Left In: -50.419+/-0.003 χ^2/NDF:134086.3/5

+ sign -38.539+/-0.000 χ^2/NDF: 26580403.4/23

All: -38.539+/-0.000 χ^2/NDF: 102864170.4/4

- sign -51.990+/-0.002 χ^2/NDF: 711830.7/24

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 8.794+/-0.010 χ^2/NDF:35141.3/6

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

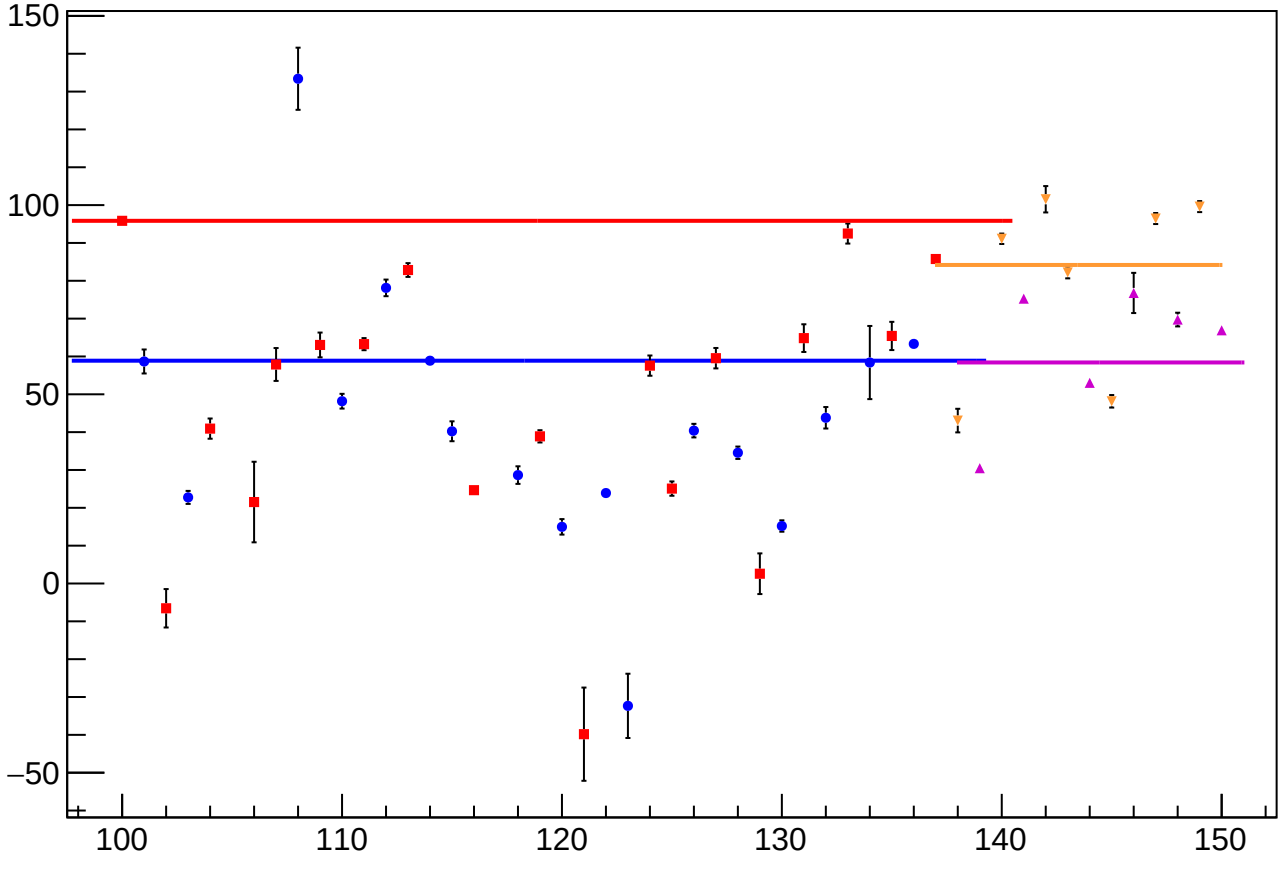
Left In: 7.568+/-0.008 χ^2/NDF:91836.9/5

+ sign -60.594+/-0.000 χ^2/NDF: 70903593.4/23

All: -60.594+/-0.000 χ^2/NDF: 184314258.9/4

- sign 7.290+/-0.006 χ^2/NDF: 1362096.8/24

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 84.181+/-0.642 χ^2/NDF:882.6/6

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

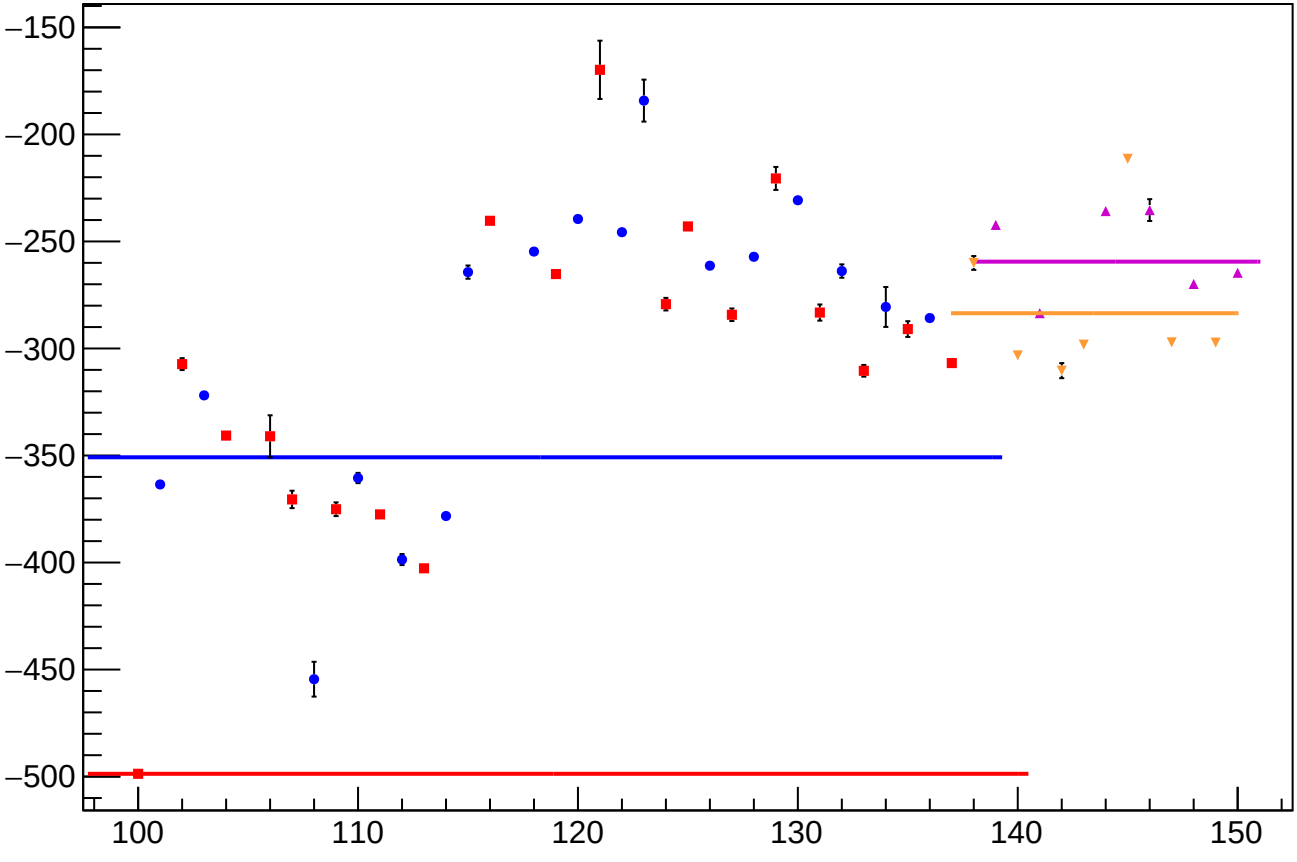
Left In: 58.412+/-0.440 χ^2/NDF:1254.5/5

+ sign 58.880+/-0.000 χ^2/NDF: 6252.6/23

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 47887.7/24

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -283.530+/-0.631 χ^2/NDF:2729.4/6

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

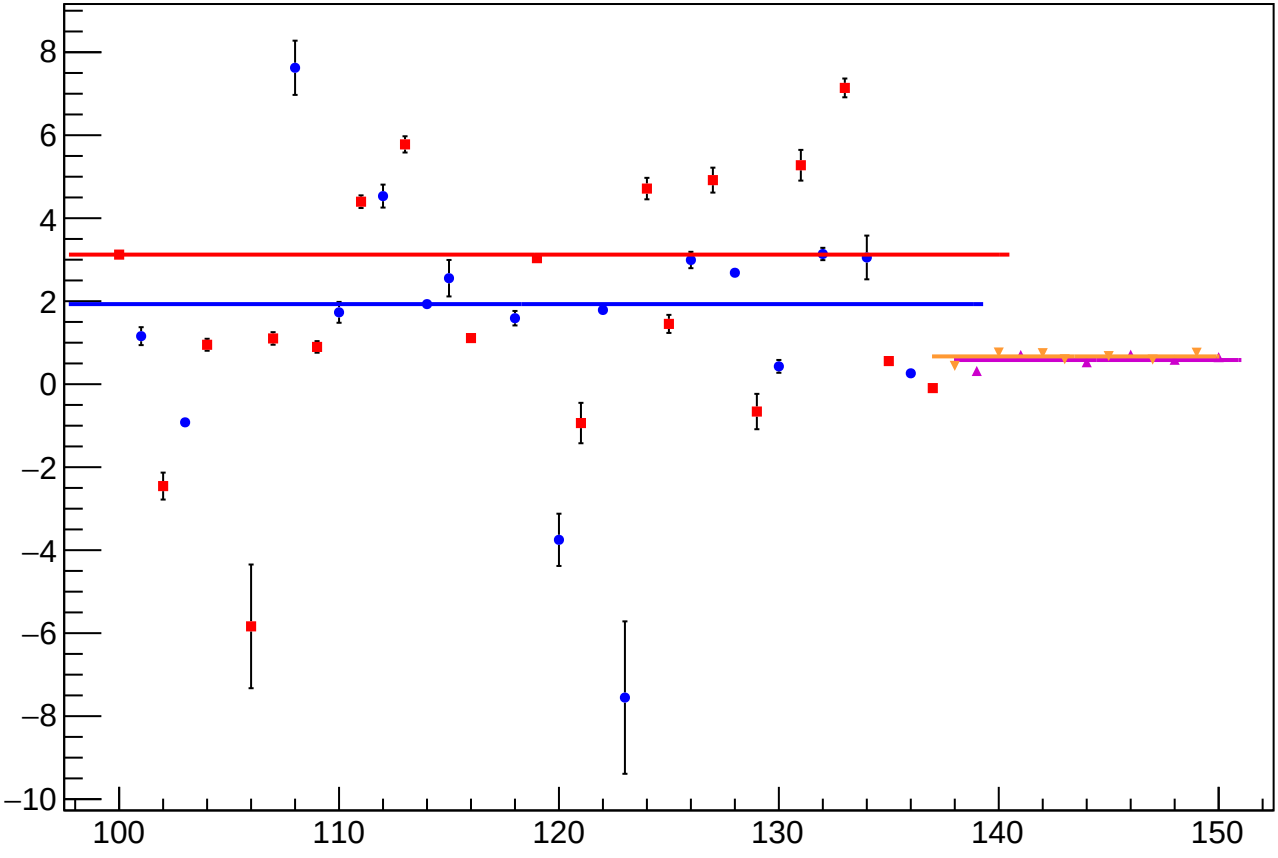
Left In: -259.438+/-0.447 χ^2/NDF:1255.8/5

+ sign -342.054+/-0.228 χ^2/NDF: 53911.5/23

All: -498.692+/-0.000 χ^2/NDF: 1325542.7/48

- sign -498.692+/-0.000 χ^2/NDF: 799768.0/24

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.670+/-0.004 χ^2/NDF:578.3/6

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

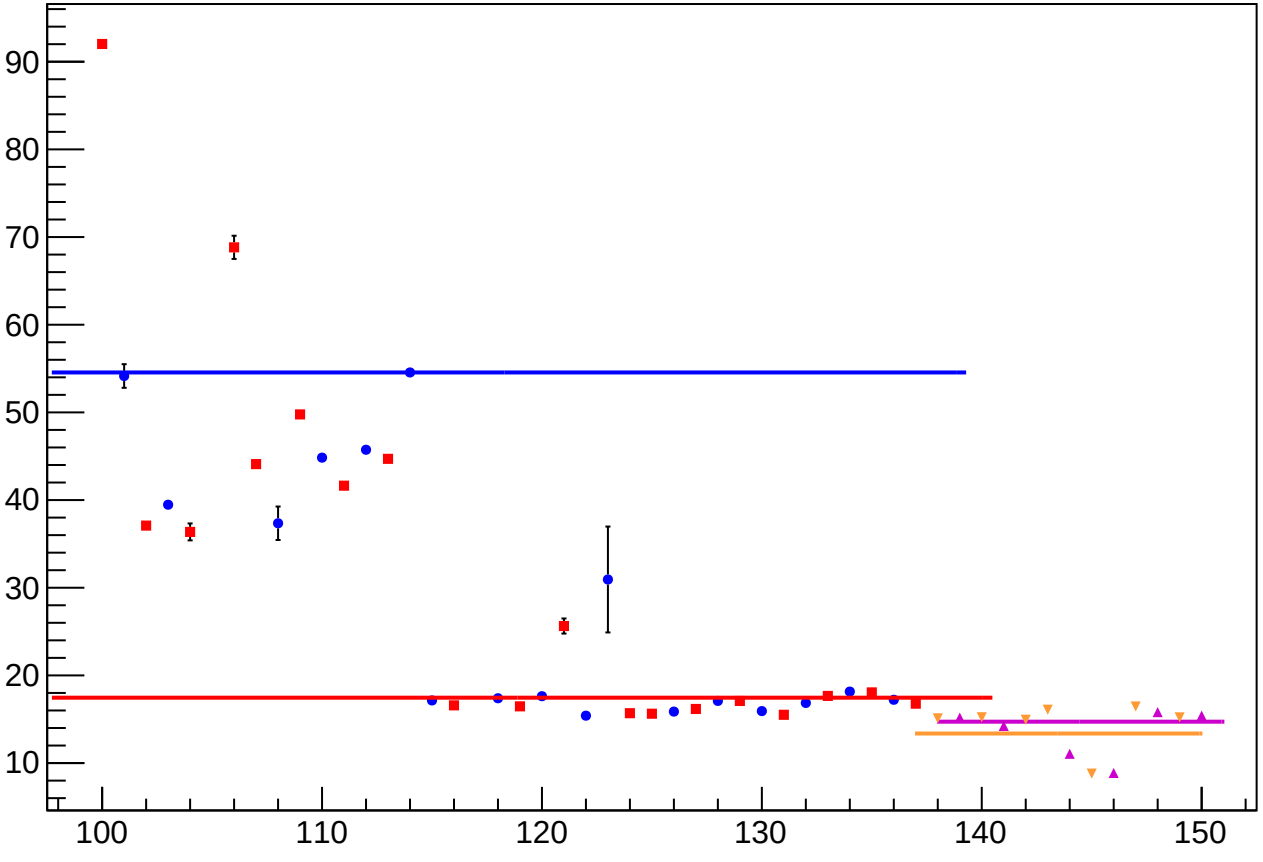
Left In: 0.582+/-0.003 χ^2/NDF:1548.4/5

+ sign 1.930+/-0.000 χ^2/NDF: 172020.2/23

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 1061210.7/24

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 13.371+/-0.012 χ^2/NDF:67817.9/6

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

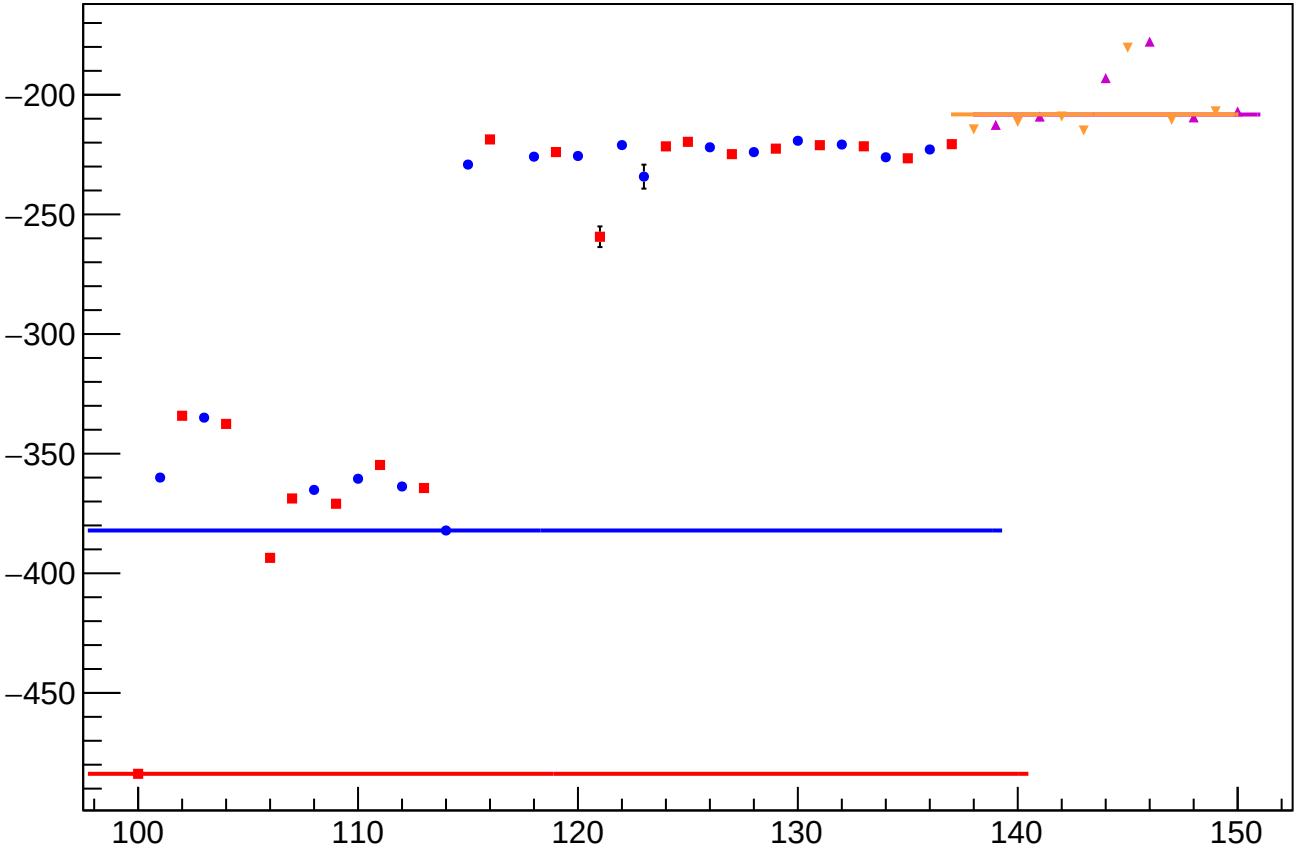
Left In: 14.721+/-0.018 χ^2/NDF:7137.5/5

+ sign 54.556+/-0.000 χ^2/NDF: 18595597.6/23

All: 54.556+/-0.000 χ^2/NDF: 27987430.4/48

- sign 16.031+/-0.013 χ^2/NDF: 118129.8/24

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -208.207+/-0.026 χ^2/NDF:54410.7/6

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

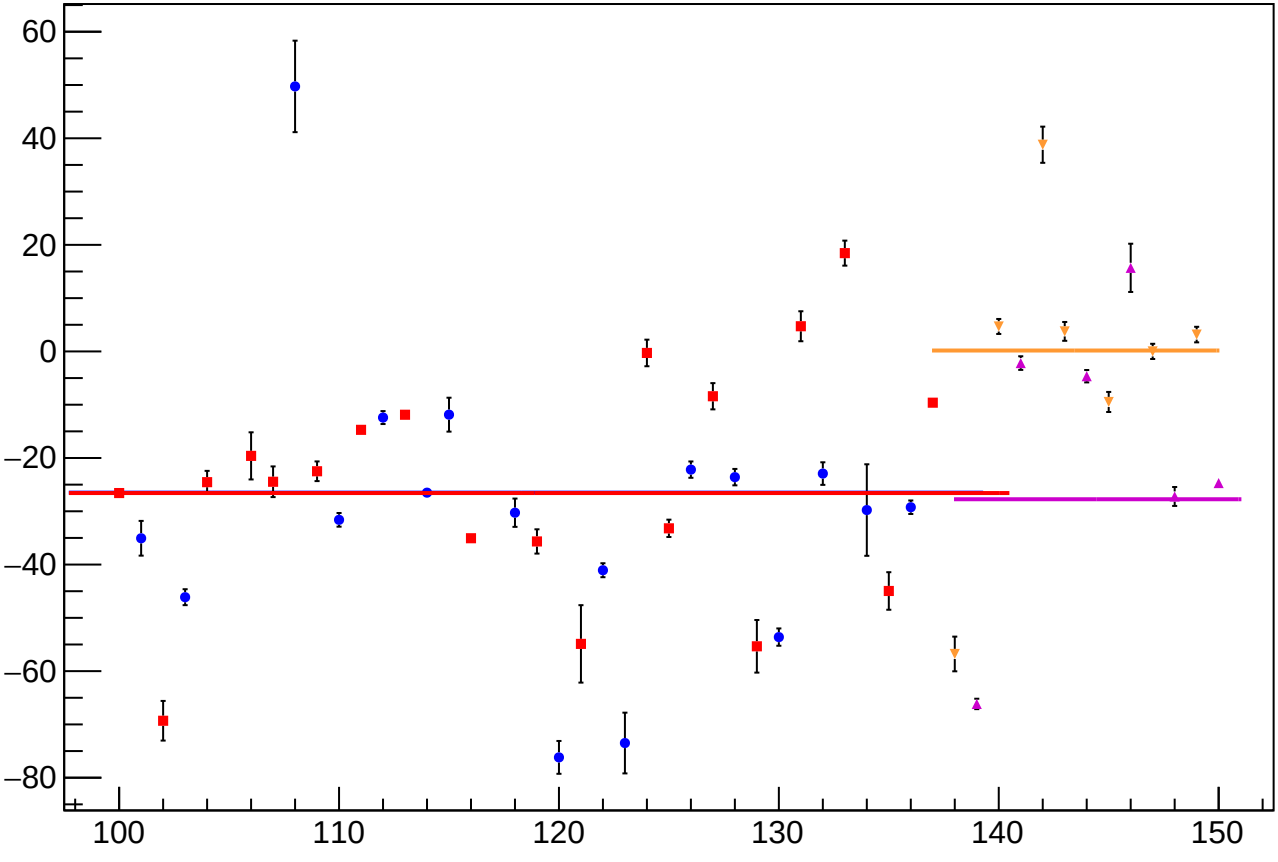
Left In: -208.252+/-0.028 χ^2/NDF:11247.1/5

+ sign -382.108+/-0.000 χ^2/NDF: 64636052.8/23

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 121833374.1/24

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: 0.172+/-0.667 χ^2/NDF:480.6/6

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

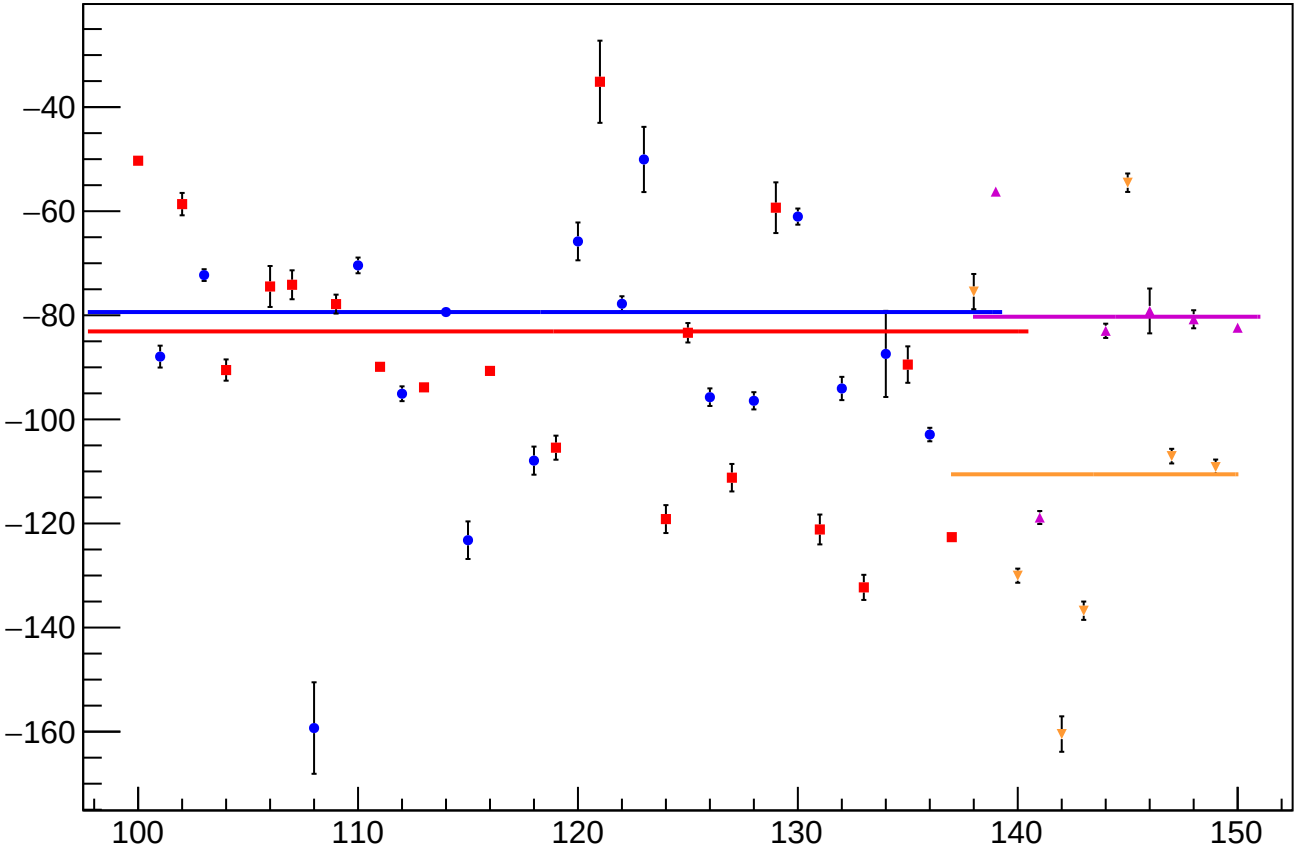
Left In: -27.742+/-0.473 χ^2/NDF:2445.4/5

+ sign -26.504+/-0.000 χ^2/NDF: 3261.5/23

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 5092.4/24

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -110.553+/-0.654 χ^2/NDF:1755.0/6

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

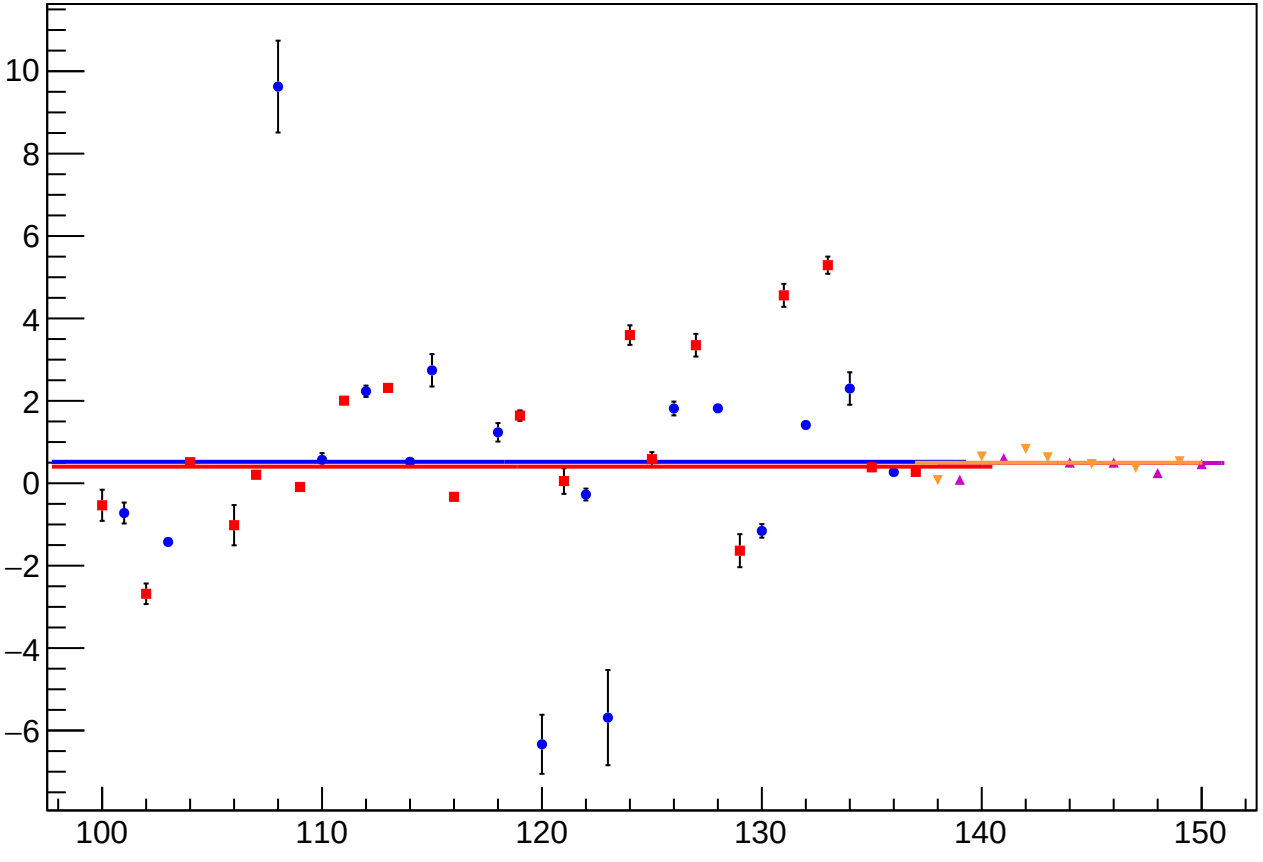
Left In: -80.276+/-0.464 χ^2/NDF:1691.6/5

+ sign -79.376+/-0.000 χ^2/NDF: 5331.3/23

All: -79.376+/-0.000 χ^2/NDF: 19379.0/48

- sign -82.736+/-0.166 χ^2/NDF: 13639.7/24

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.498+/-0.004 χ^2/NDF:1264.8/6

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

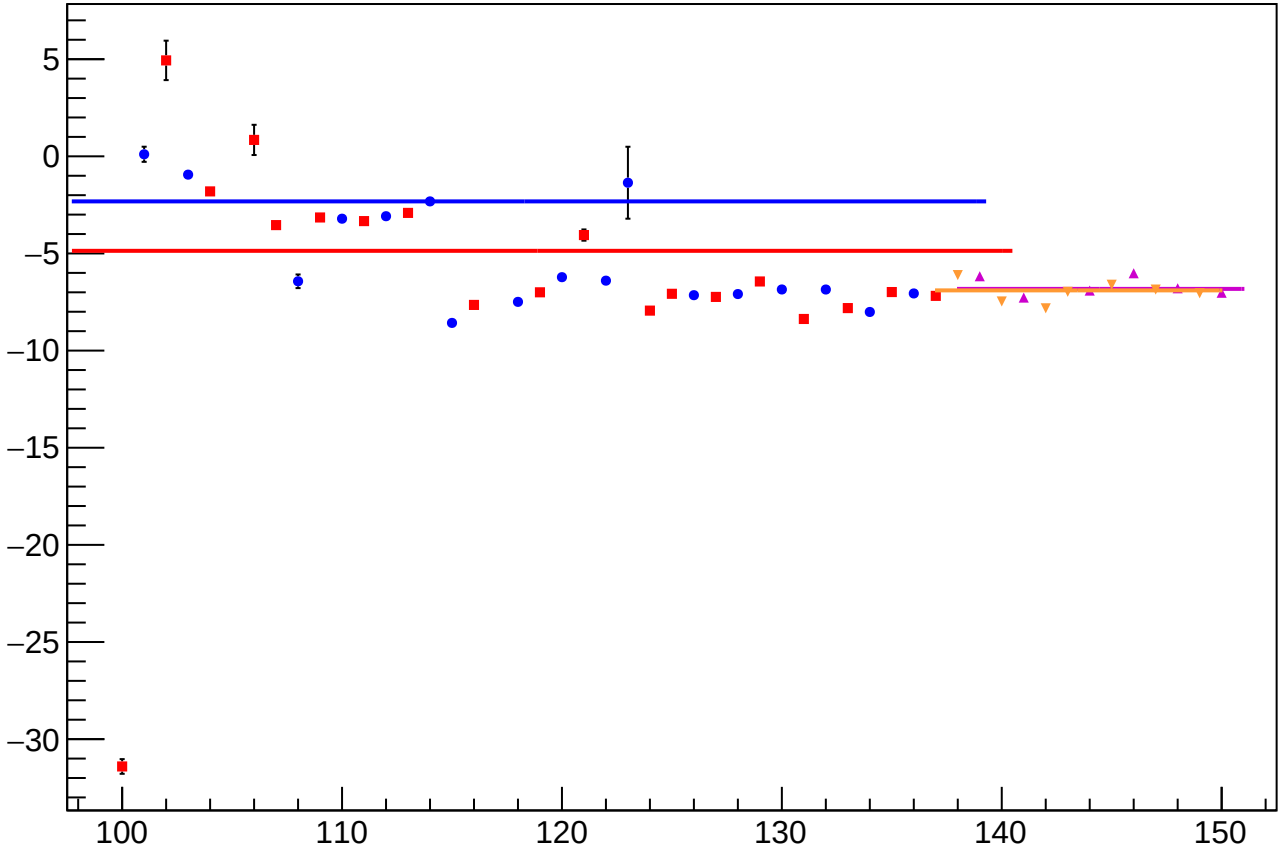
Left In: 0.491+/-0.003 χ^2/NDF:2814.0/5

+ sign 0.521+/-0.000 χ^2/NDF: 4660.2/23

All: 0.521+/-0.000 χ^2/NDF: 10406.6/48

- sign 0.485+/-0.003 χ^2/NDF: 5602.1/24

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.900+/-0.006 χ^2/NDF:1668.0/6

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

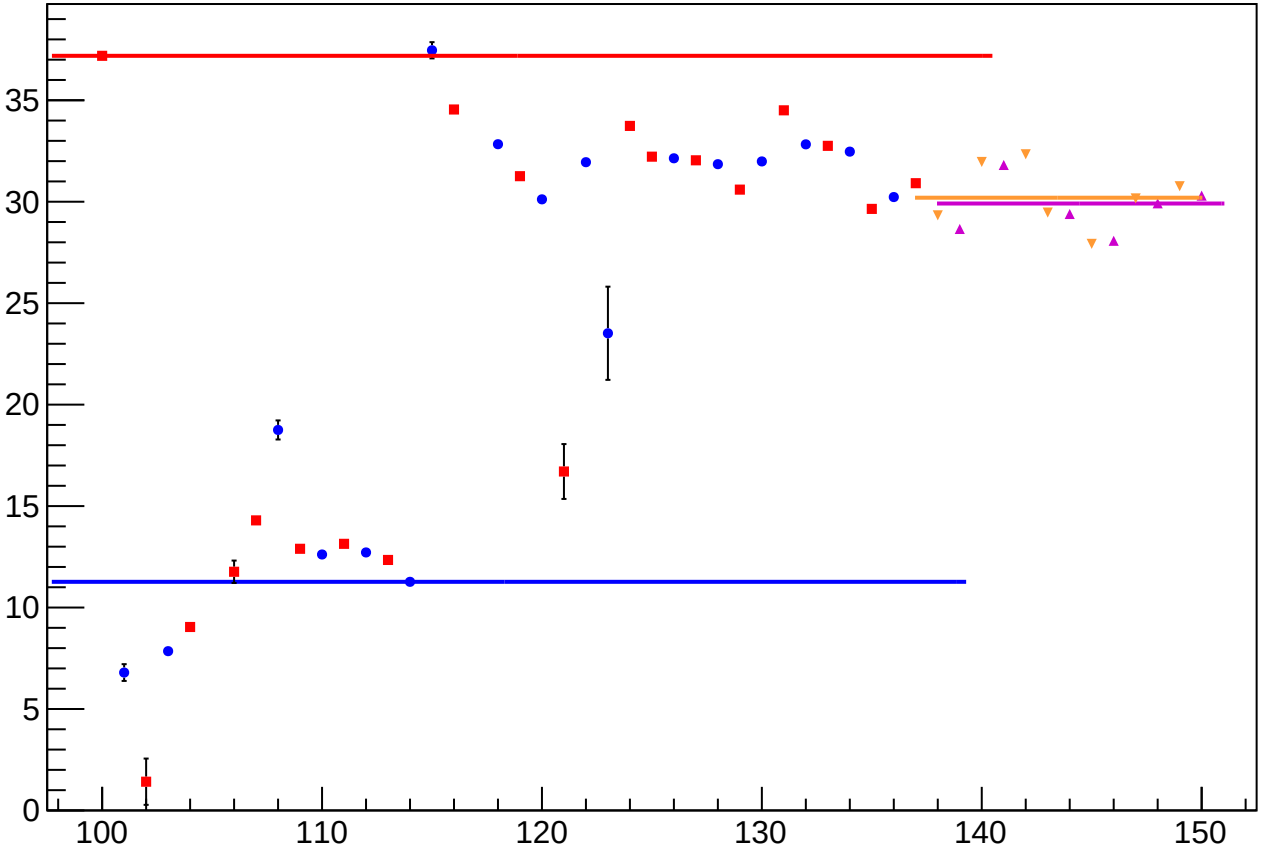
Left In: -6.823+/-0.006 χ^2/NDF:4148.2/5

+ sign -2.320+/-0.000 χ^2/NDF: 931100.4/23

All: -2.320+/-0.000 χ^2/NDF: 1683401.3/48

- sign -6.372+/-0.005 χ^2/NDF: 81346.1/24

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 30.198+/-0.021 χ^2/NDF:3959.6/6

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

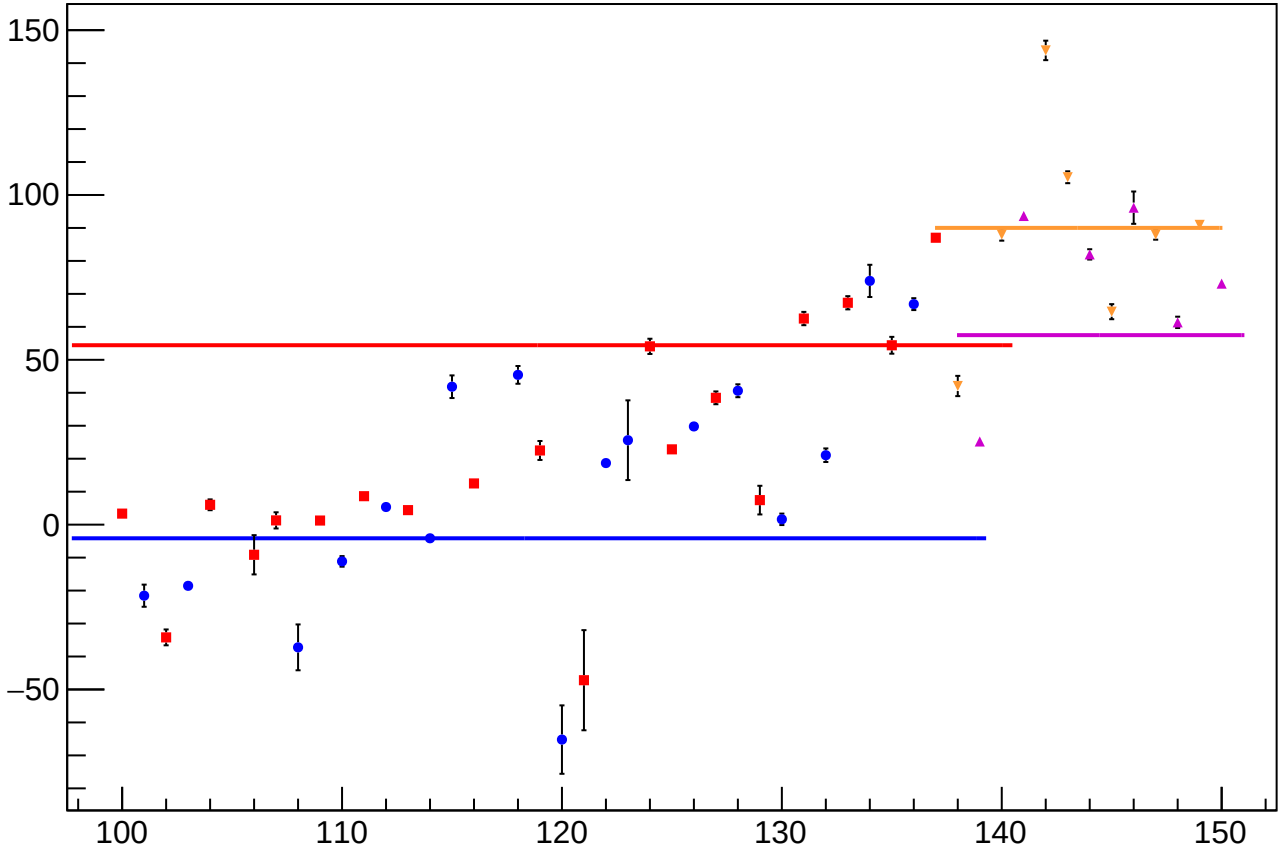
Left In: 29.911+/-0.016 χ^2/NDF:2390.8/5

+ sign 11.268+/-0.000 χ^2/NDF: 1781760.9/23

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 1328596.4/24

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 90.021+/-0.726 χ^2/NDF:775.3/6

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

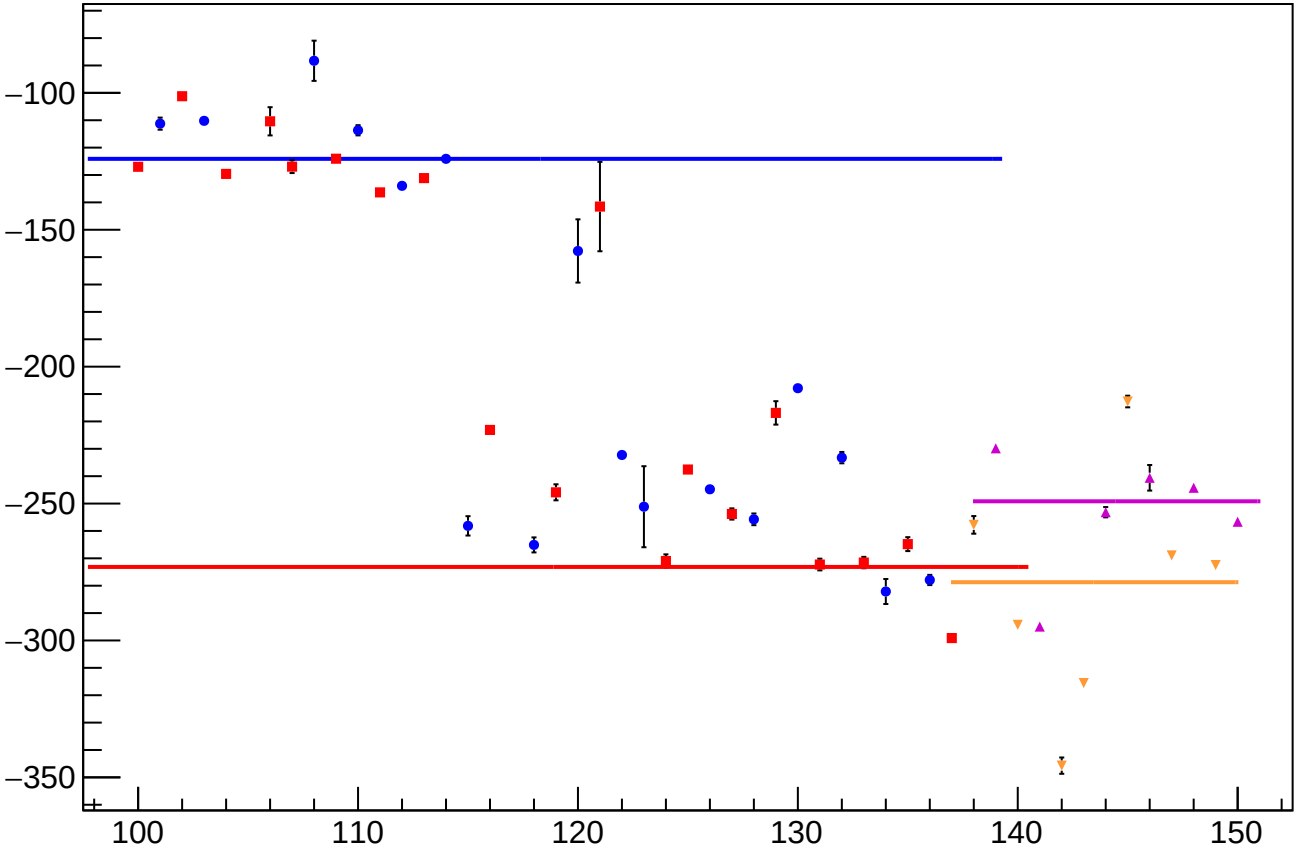
Left In: 57.486+/-0.451 χ^2/NDF:3460.6/5

+ sign -4.139+/-0.000 χ^2/NDF: 22272.5/23

All: -4.139+/-0.000 χ^2/NDF: 216781.5/48

- sign 54.808+/-0.159 χ^2/NDF: 57499.6/24

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -278.721+/-0.720 χ^2/NDF:2052.1/6

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

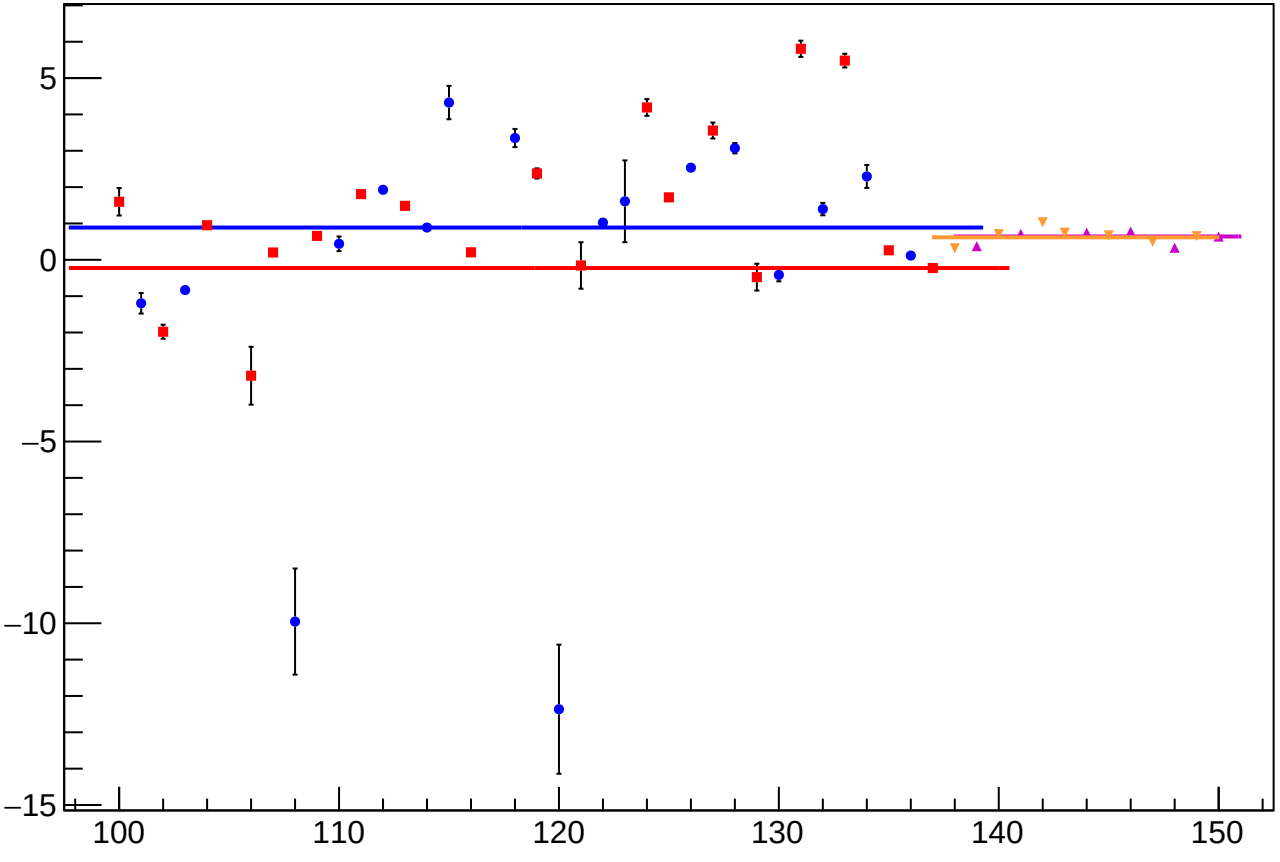
Left In: -249.174+/-0.436 χ^2/NDF:2277.4/5

+ sign -124.095+/-0.000 χ^2/NDF: 86306.1/23

All: -124.095+/-0.000 χ^2/NDF: 2199434.7/48

- sign -271.643+/-0.109 χ^2/NDF: 285249.9/24

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.619+/-0.005 χ^2/NDF:1107.8/6

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

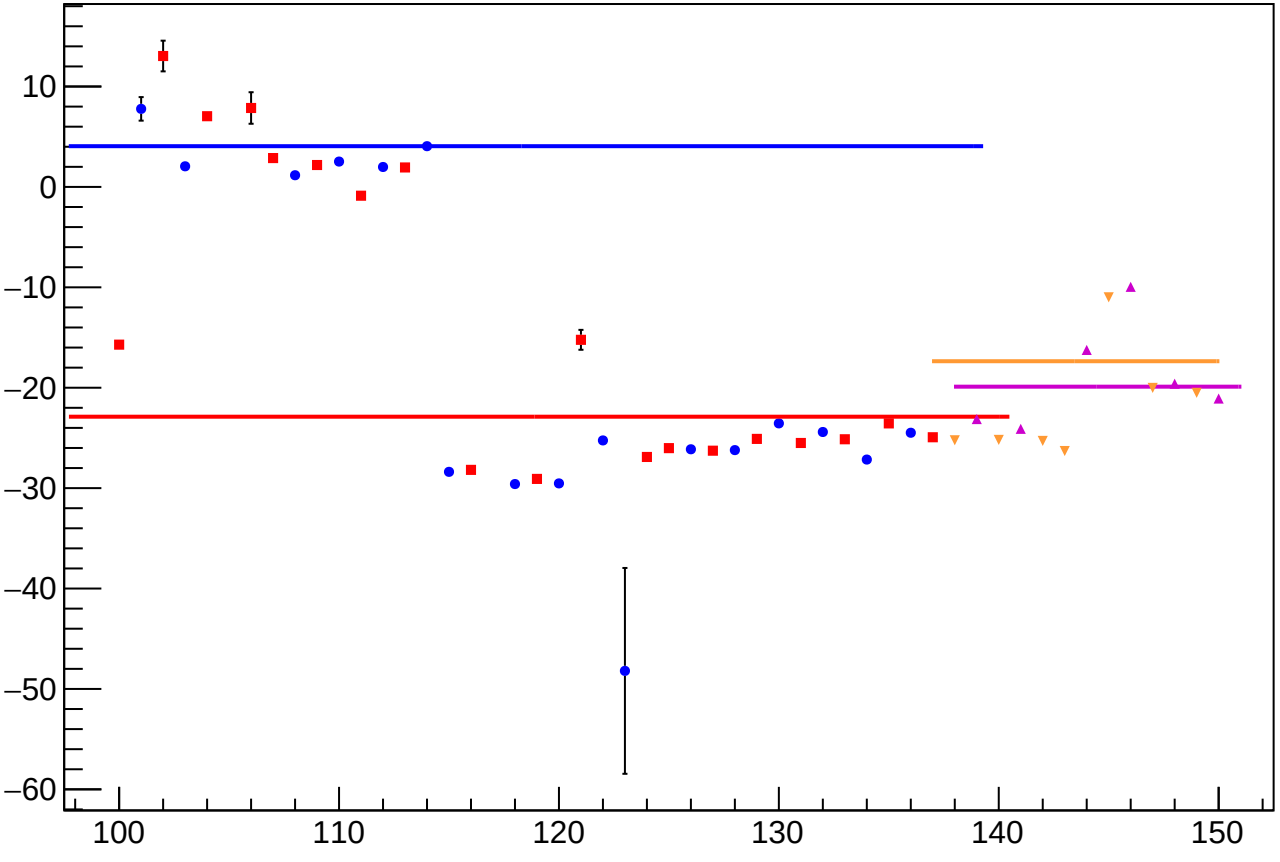
Left In: 0.642+/-0.004 χ^2/NDF:1055.9/5

+ sign 0.888+/-0.000 χ^2/NDF: 12656.5/23

All: 0.888+/-0.000 χ^2/NDF: 422228675.3/48

- sign -0.226+/-0.000 χ^2/NDF: 44733.3/24

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -17.360+/-0.023 χ^2/NDF:70134.4/6

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

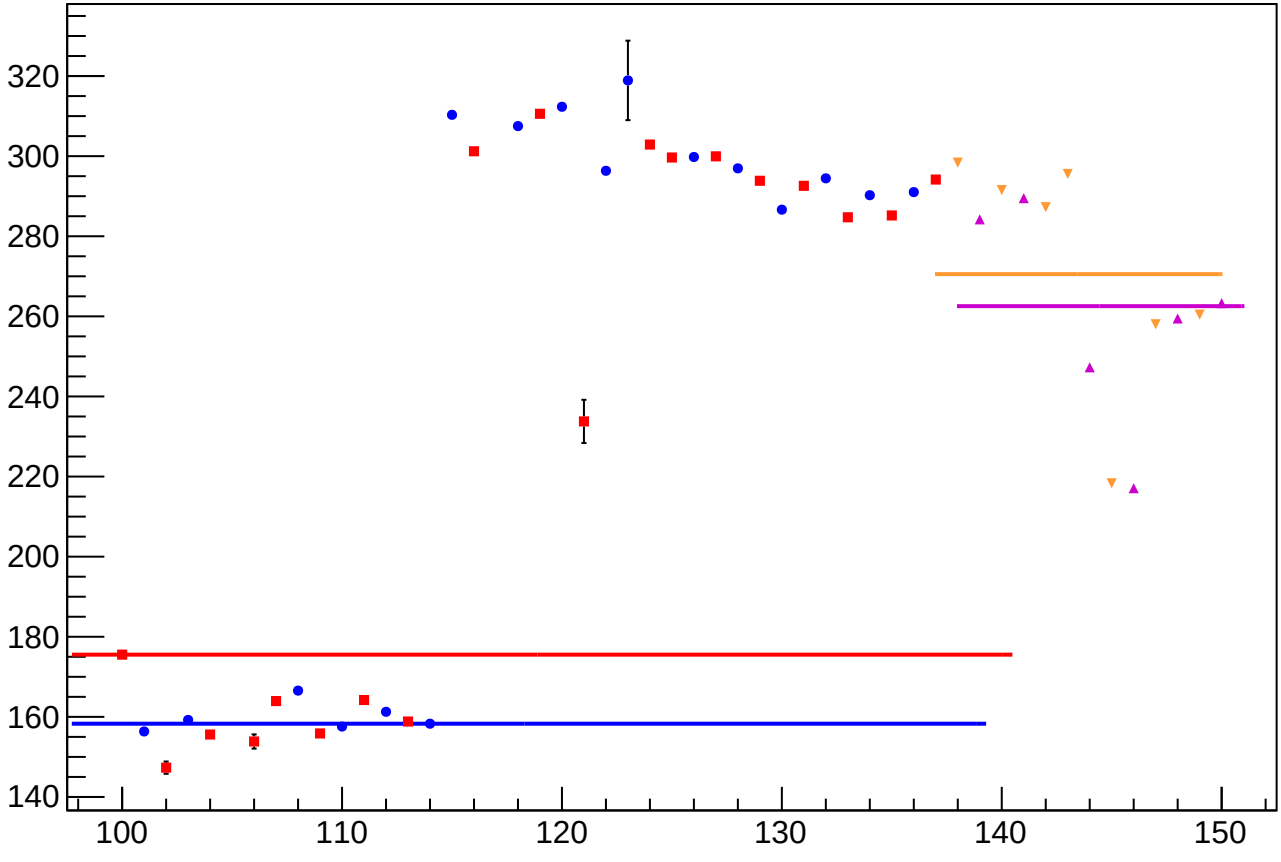
Left In: -19.894+/-0.030 χ^2/NDF:17820.2/5

+ sign 4.057+/-0.000 χ^2/NDF: 2191742.2/23

All: 4.057+/-0.000 χ^2/NDF: 3995993.2/48

- sign -21.602+/-0.020 χ^2/NDF: 139867.6/24

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 270.545+/-0.065 χ^2/NDF:169749.9/6

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

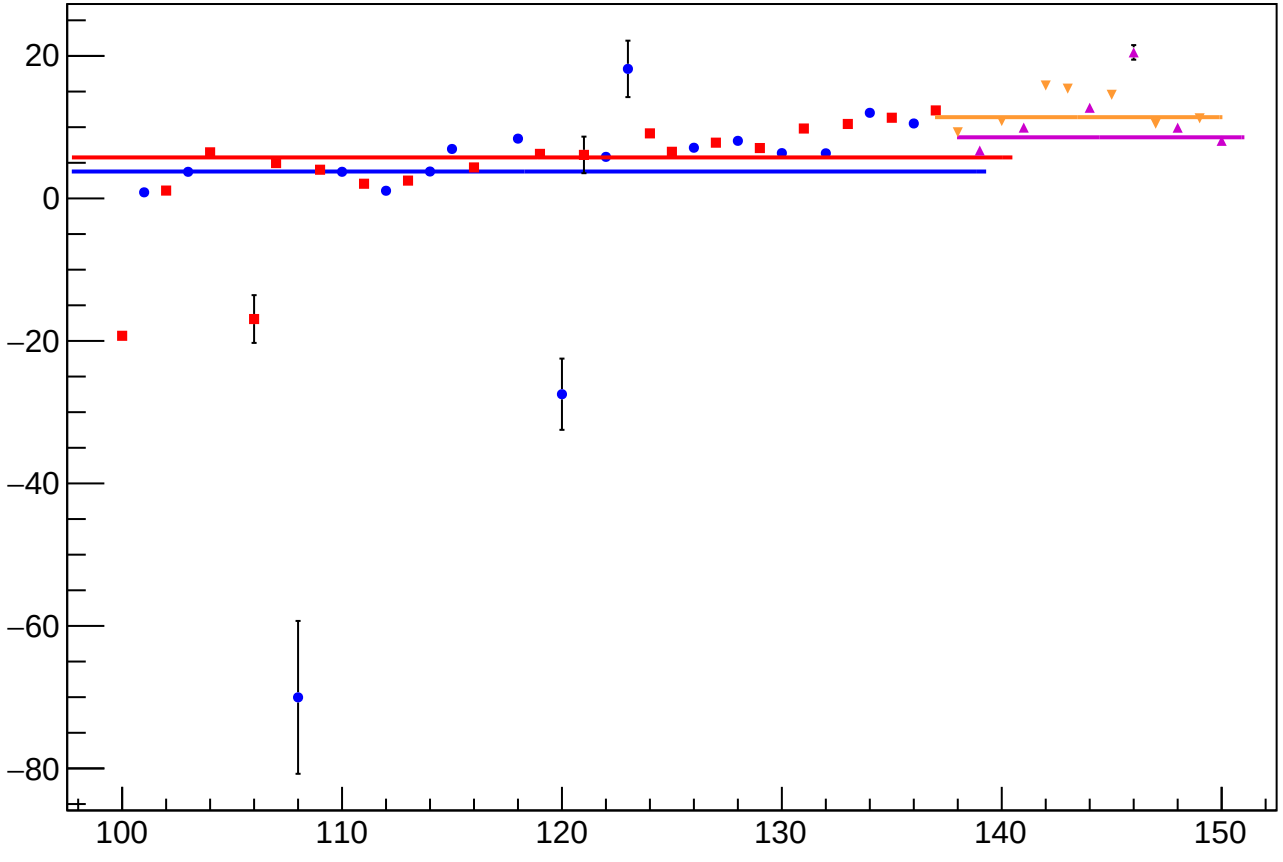
Left In: 262.548+/-0.057 χ^2/NDF:36823.1/5

+ sign 158.293+/-0.000 χ^2/NDF: 5521966.4/23

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 4505100.5/24

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 11.405+/-0.049 χ^2/NDF:723.4/6

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

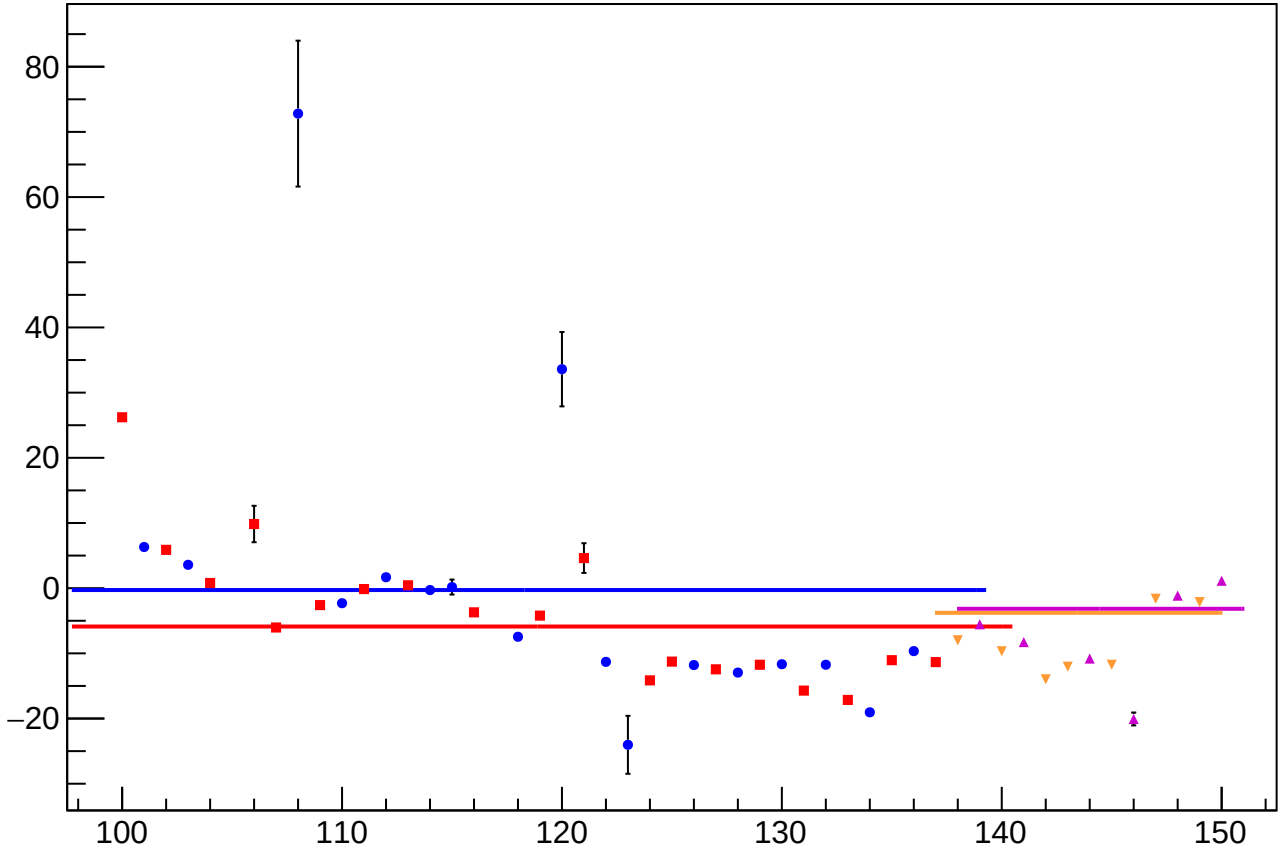
Left In: 8.580+/-0.045 χ^2/NDF:1472.8/5

+ sign 3.778+/-0.000 χ^2/NDF: 31549.1/23

All: 3.778+/-0.000 χ^2/NDF: 72739.4/48

- sign 6.460+/-0.022 χ^2/NDF: 26760.3/24

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -3.782+/-0.049 χ^2/NDF:5455.8/6

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

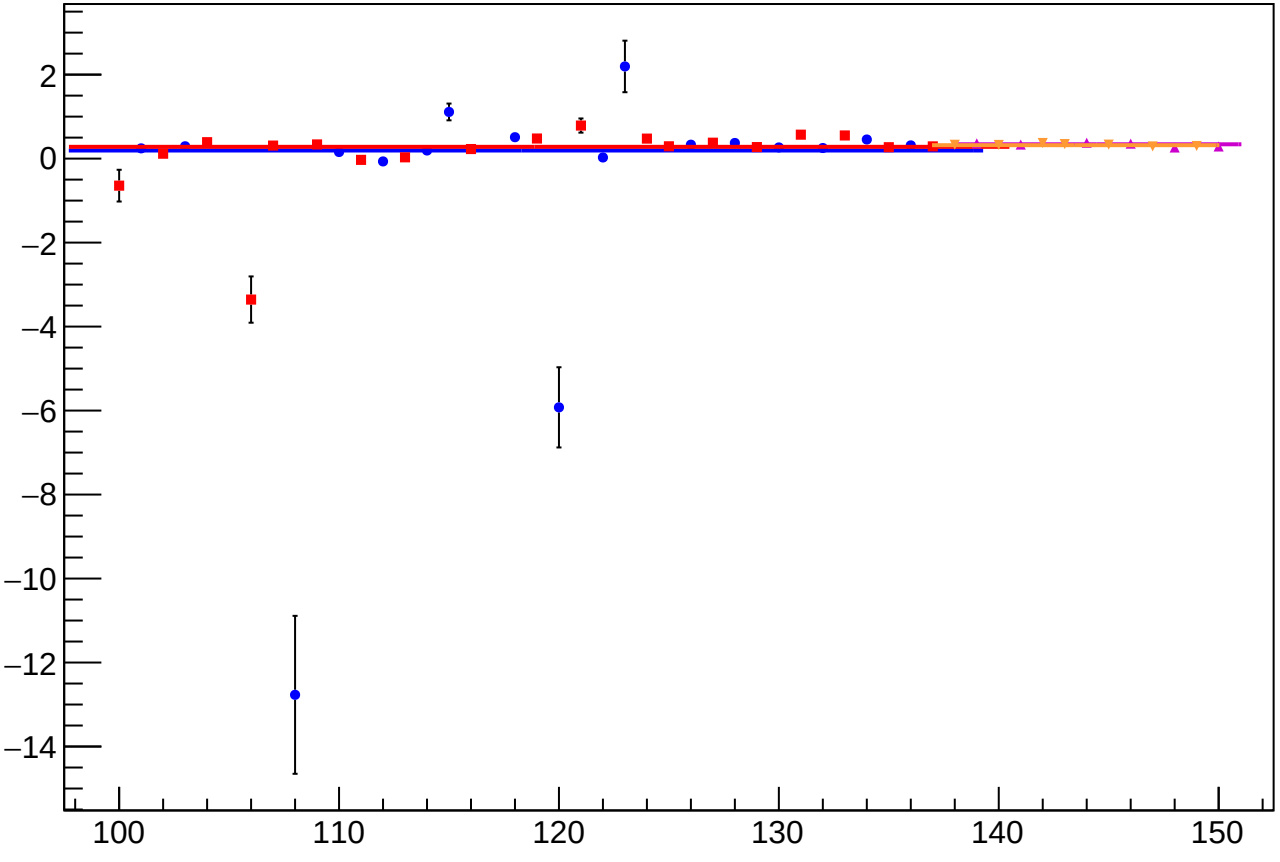
Left In: -3.164+/-0.045 χ^2/NDF:9252.1/5

+ sign -0.287+/-0.000 χ^2/NDF: 54801.9/23

All: -0.287+/-0.000 χ^2/NDF: 173837.9/48

- sign -5.166+/-0.023 χ^2/NDF: 75376.3/24

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.320+/-0.001 χ^2/NDF:563.2/6

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

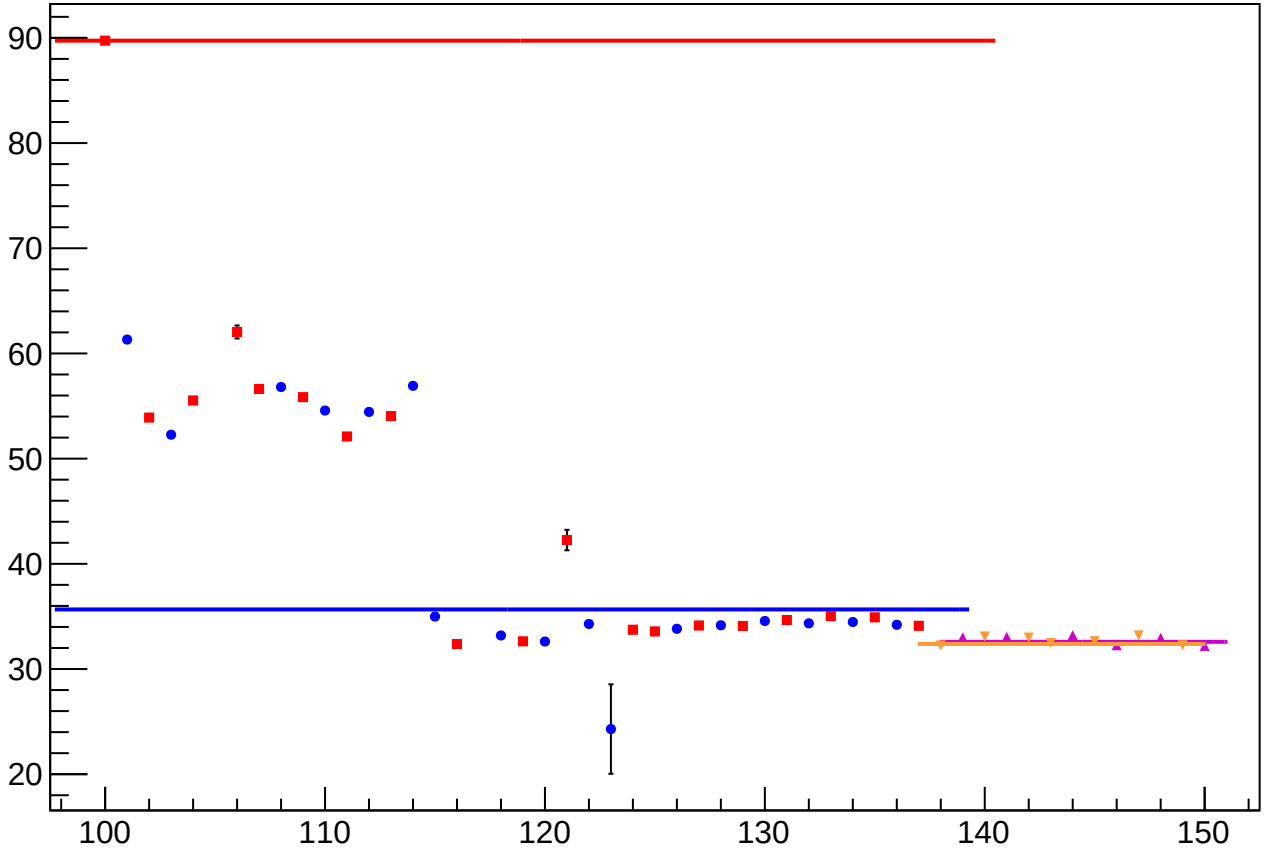
Left In: 0.341+/-0.001 χ^2/NDF:2027.6/5

+ sign 0.193+/-0.000 χ^2/NDF: 29450.4/23

All: 0.193+/-0.000 χ^2/NDF: 61645.7/48

- sign 0.321+/-0.001 χ^2/NDF: 9216.9/24

dit_sam5_4aY_slope vs Slug



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.386+/-0.007 χ^2/NDF:1466.7/6

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

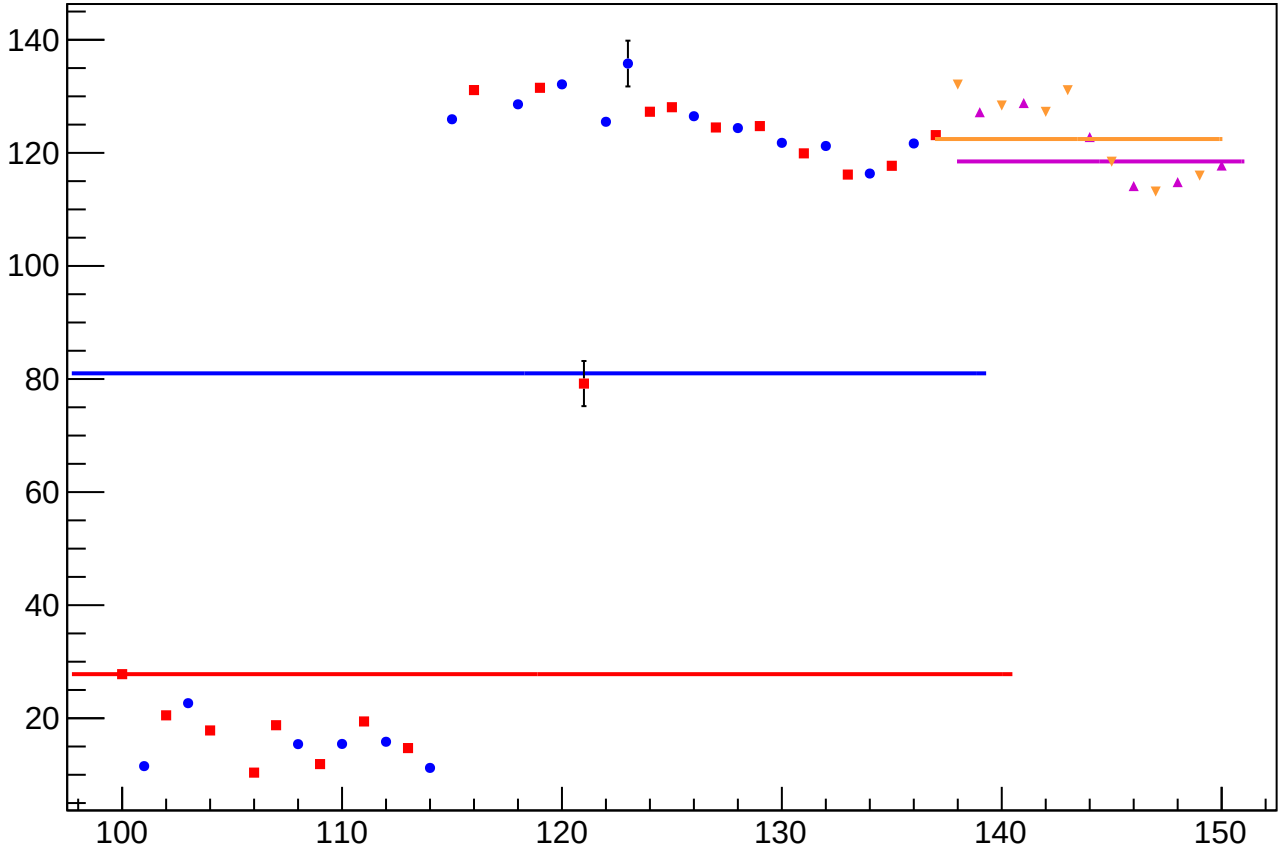
Left In: 32.586+/-0.009 χ^2/NDF:2134.8/5

+ sign 33.249+/-0.006 χ^2/NDF: 281412.8/23

All: 89.735+/-0.000 χ^2/NDF: 156375873.1/48

- sign 89.735+/-0.000 χ^2/NDF: 62327278.7/24

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 122.450+/-0.025 χ^2/NDF:78245.4/6

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

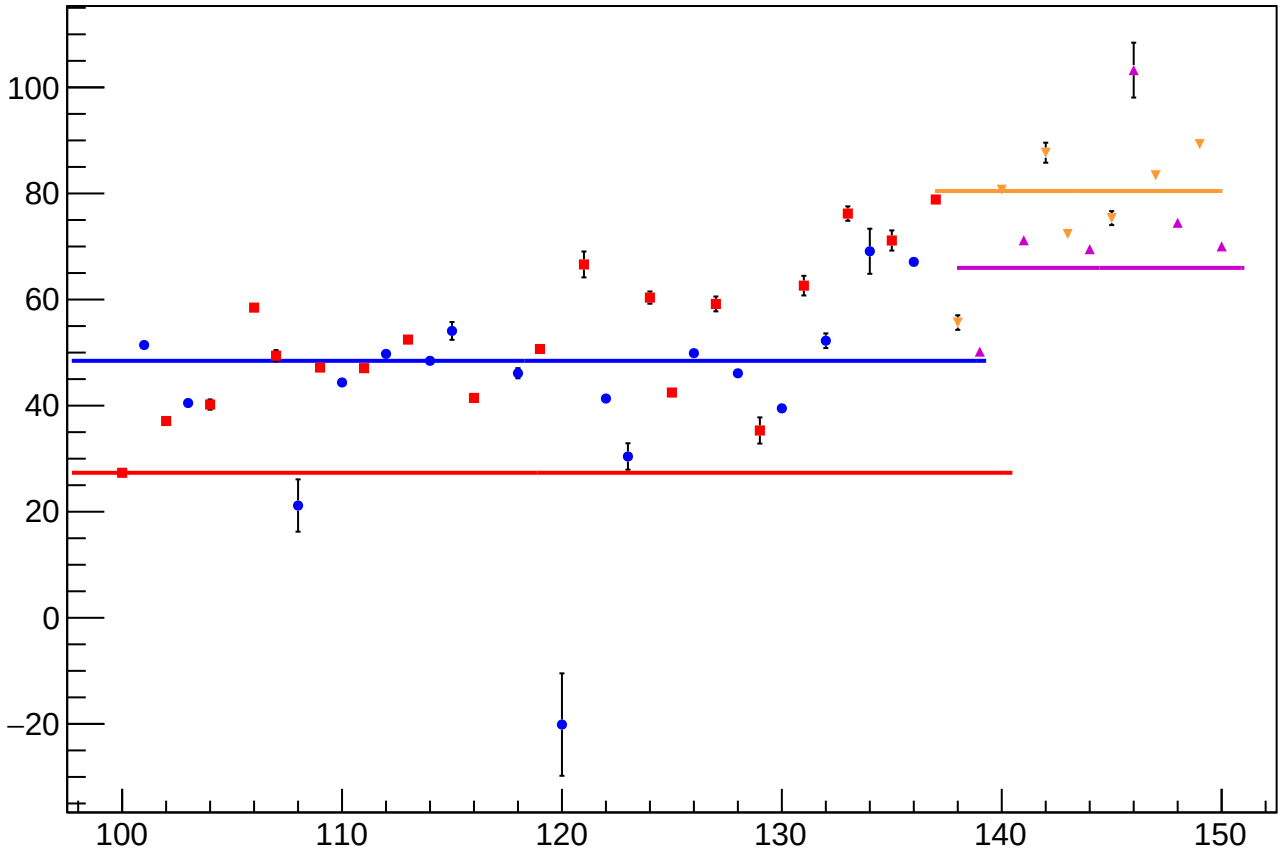
Left In: 118.486+/-0.024 χ^2/NDF:27605.5/5

+ sign 107.969+/-0.020 χ^2/NDF: 3244265.7/23

All: 27.798+/-0.000 χ^2/NDF: 42441068.7/48

- sign 27.798+/-0.000 χ^2/NDF: 23770932.8/24

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 80.460+/-0.329 χ^2/NDF:658.2/6

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

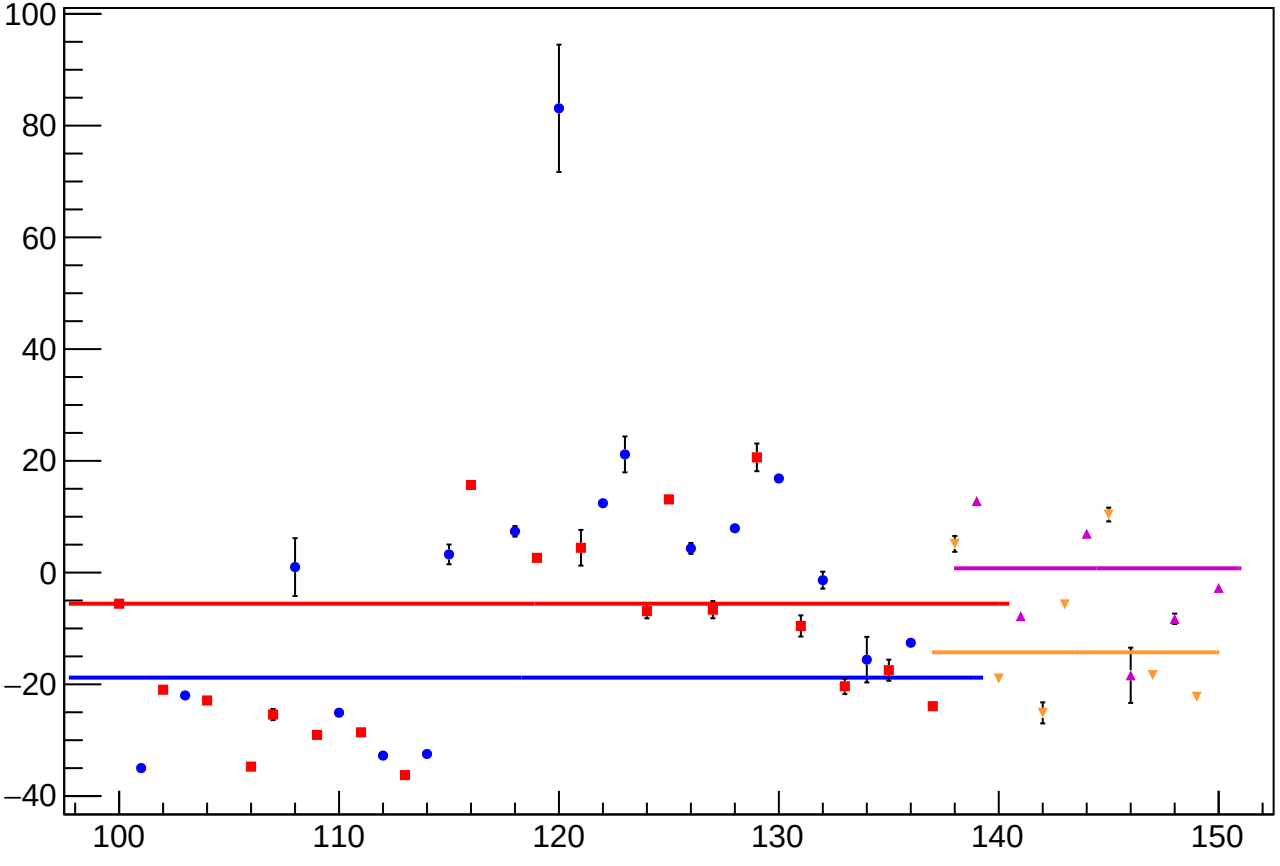
Left In: 65.972+/-0.244 χ^2/NDF:1316.9/5

+ sign 48.450+/-0.000 χ^2/NDF: 12859.8/23

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 52280.1/24

dit_sam6_4eX_slope vs Slug



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -14.268+/-0.325 χ^2/NDF:962.2/6

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

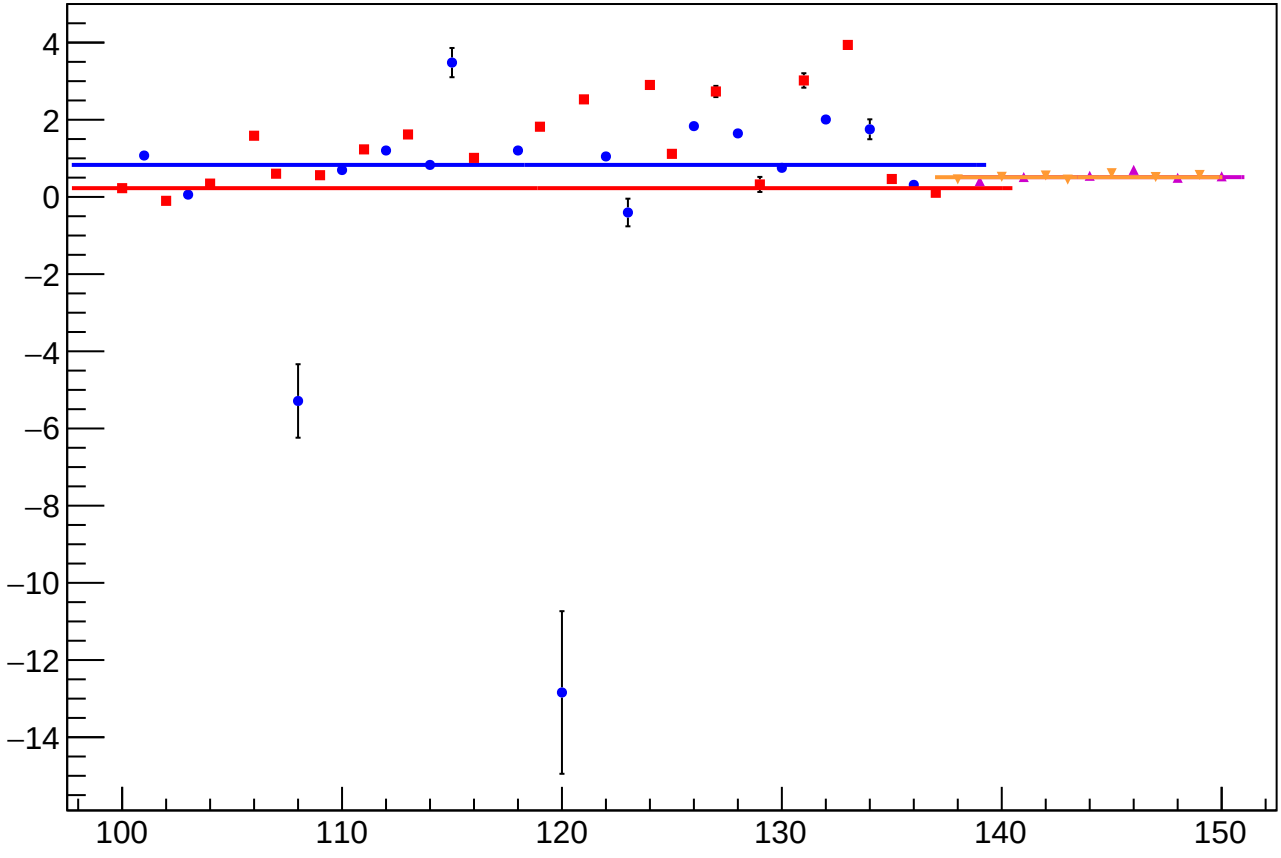
Left In: 0.763+/-0.238 χ^2/NDF:1103.0/5

+ sign -18.019+/-0.135 χ^2/NDF: 12887.6/23

All: -5.568+/-0.000 χ^2/NDF: 46298.7/48

- sign -5.568+/-0.000 χ^2/NDF: 24909.6/24

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.511+/-0.002 χ^2/NDF:486.6/6

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

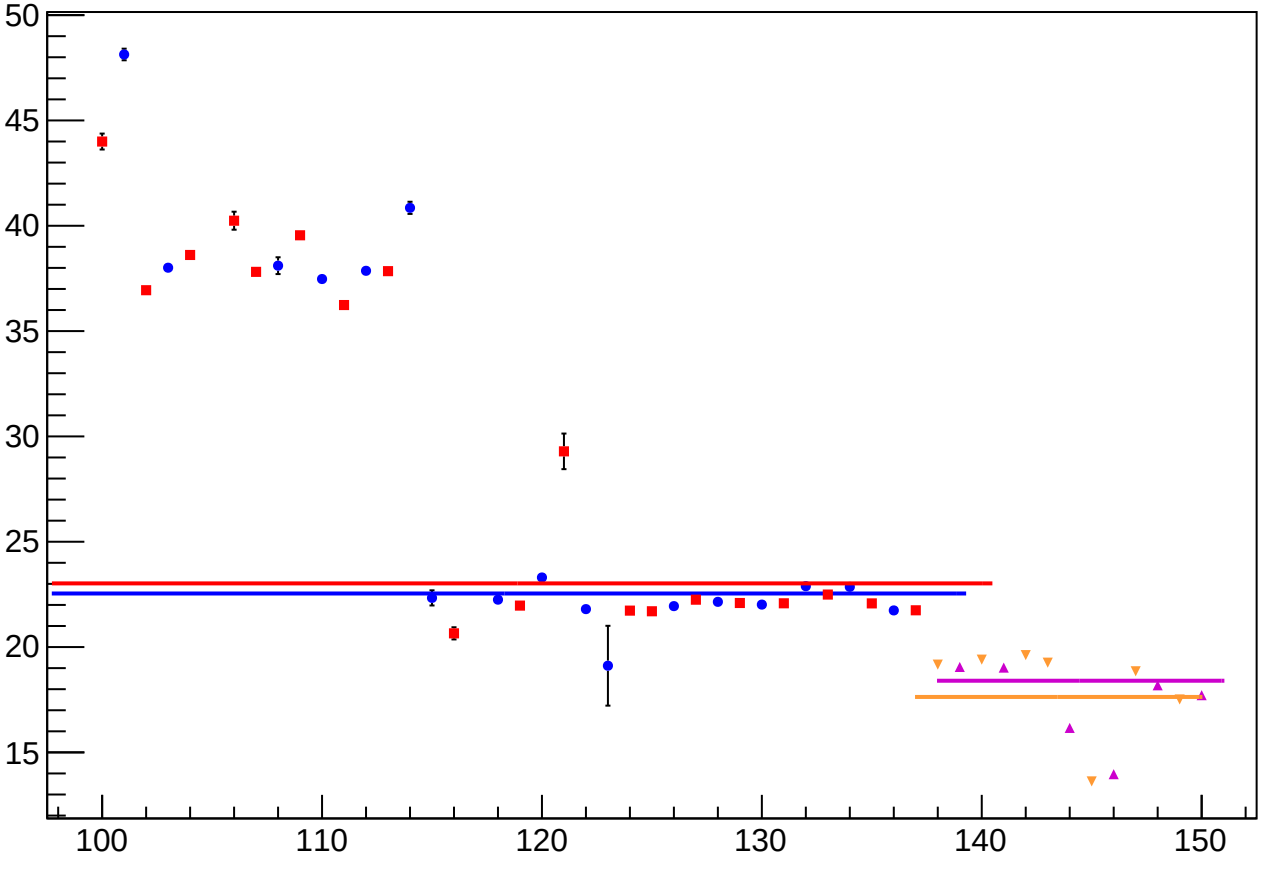
Left In: 0.513+/-0.002 χ^2/NDF:498.3/5

+ sign 0.830+/-0.000 χ^2/NDF: 38525.2/23

All: 0.289+/-0.000 χ^2/NDF: 29066082561457

- sign 0.227+/-0.000 χ^2/NDF: 31806.4/24

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 17.632+/-0.009 χ^2/NDF:67798.1/6

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

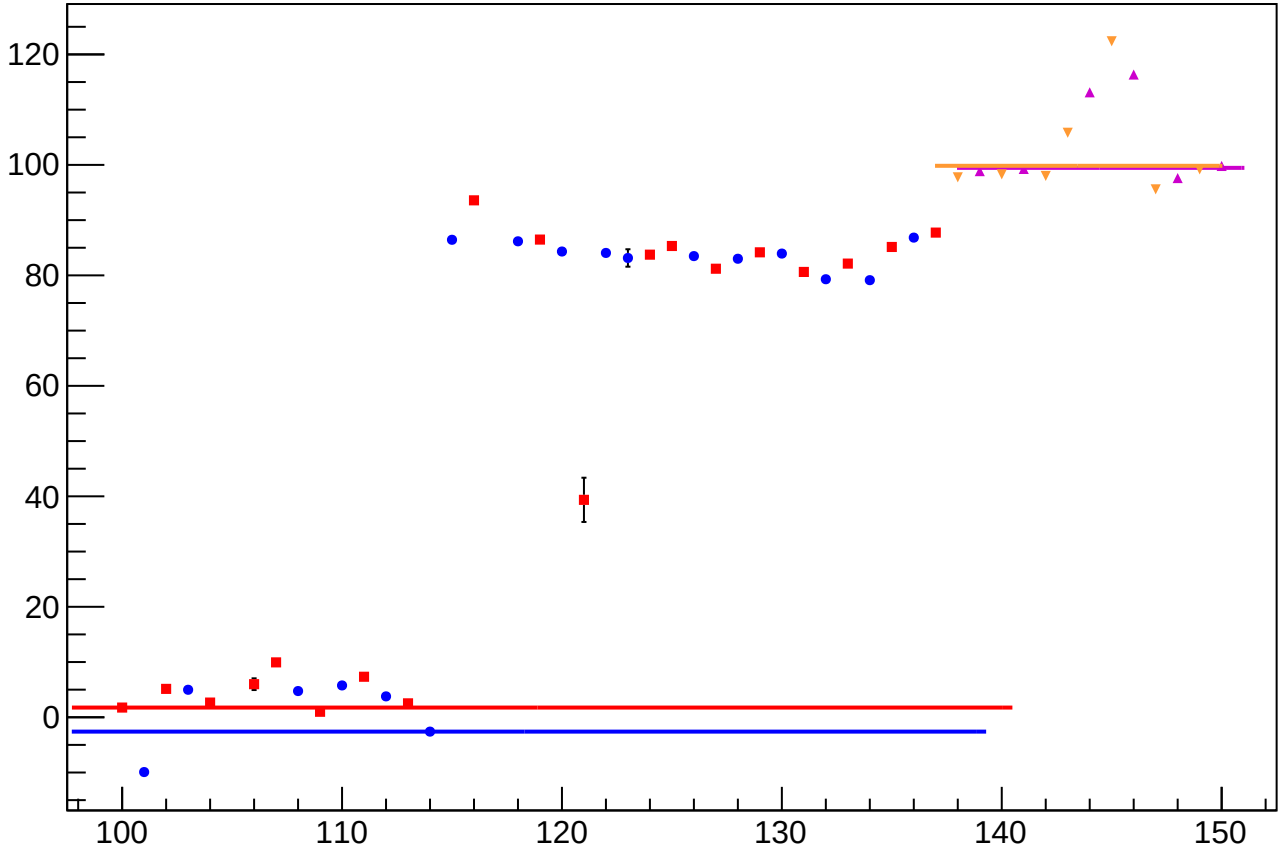
Left In: 18.402+/-0.013 χ^2/NDF:8079.7/5

+ sign 20.012+/-0.006 χ^2/NDF: 316649.2/23

All: 20.676+/-0.005 χ^2/NDF: 597599.0/48

- sign 21.561+/-0.007 χ^2/NDF: 256469.8/24

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.836+/-0.018 χ^2/NDF:56965.9/6

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

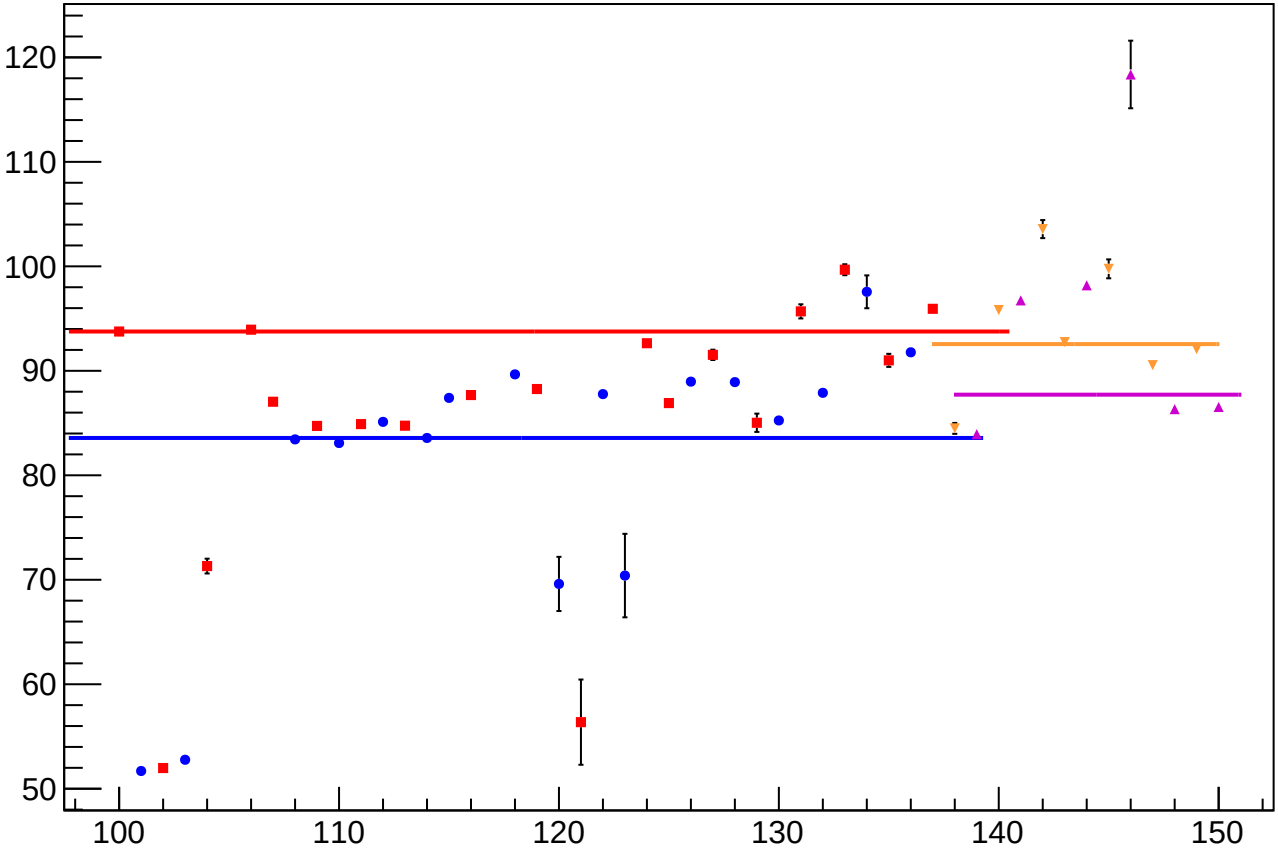
Left In: 99.463+/-0.021 χ^2/NDF:5494.1/5

+ sign -2.596+/-0.000 χ^2/NDF: 40468943.0/23

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 25953810.9/24

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 92.558+/-0.132 χ^2/NDF:634.7/6

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

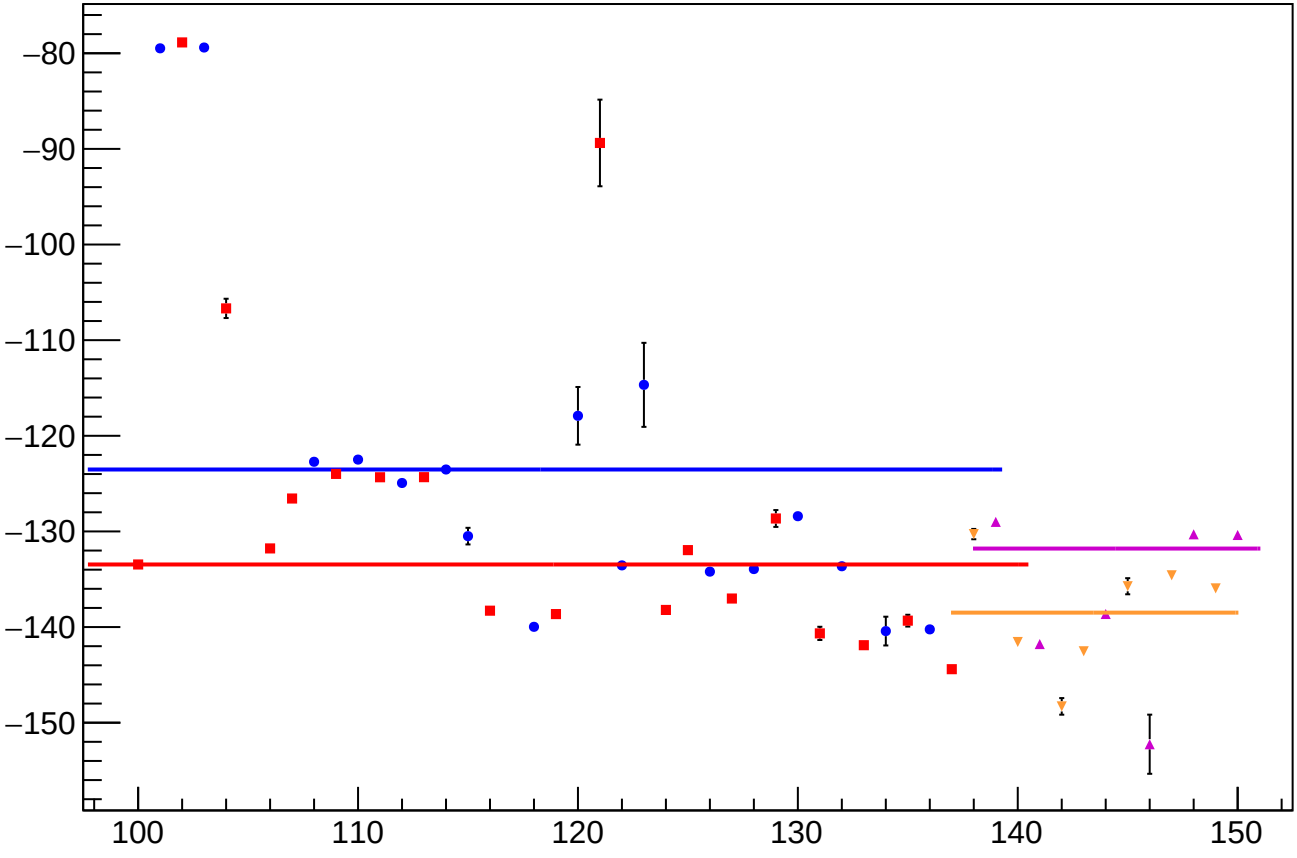
Left In: 87.717+/-0.100 χ^2/NDF:2251.8/5

+ sign 83.573+/-0.000 χ^2/NDF: 54767.0/23

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 88729.0/24

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -138.491+/-0.131 χ^2/NDF:1020.5/6

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

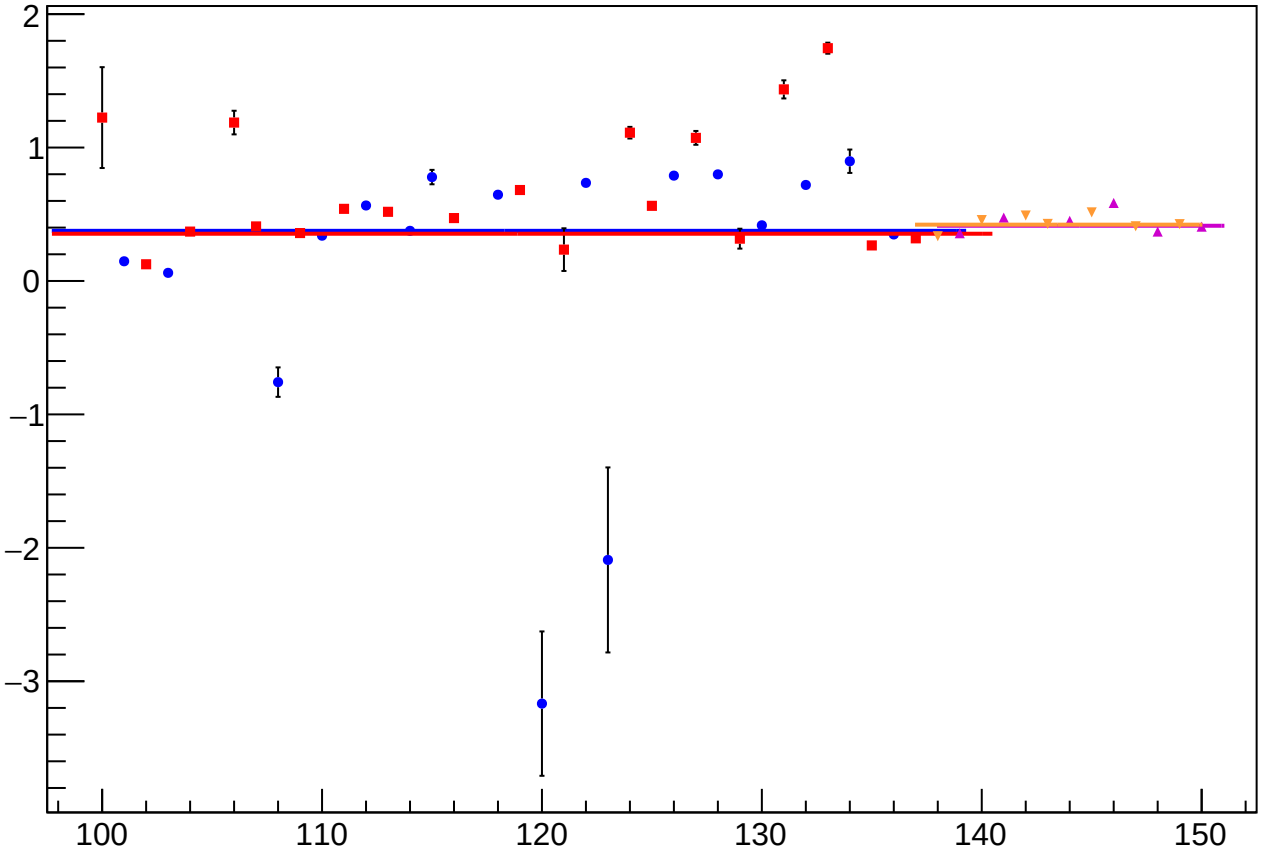
Left In: -131.792+/-0.097 χ^2/NDF:1892.0/5

+ sign -123.524+/-0.000 χ^2/NDF: 174512.0/23

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 397082.9/24

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.422+/-0.001 χ^2/NDF:769.4/6

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

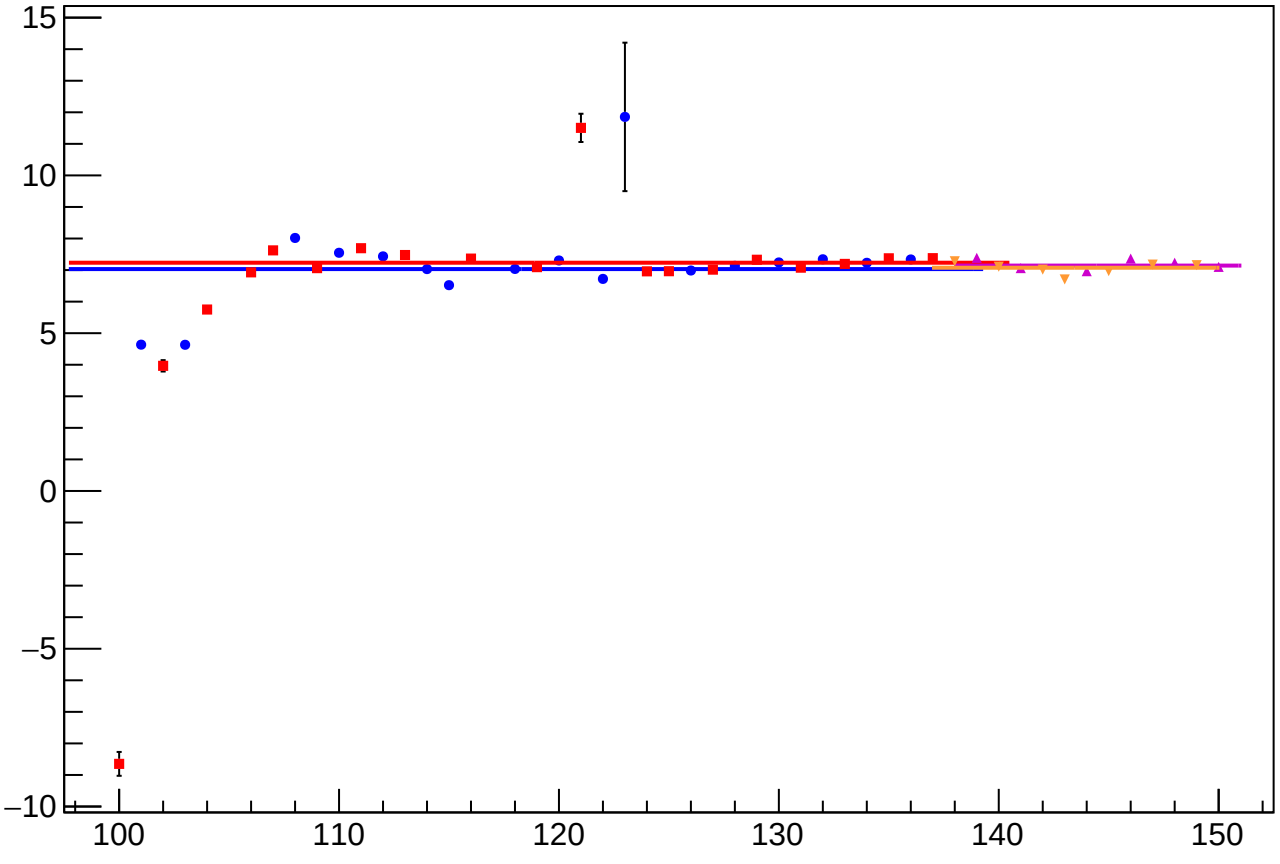
Left In: 0.414+/-0.001 χ^2/NDF:2851.5/5

+ sign 0.376+/-0.000 χ^2/NDF: 7485.3/23

All: 0.376+/-0.000 χ^2/NDF: 16922.0/48

- sign 0.398+/-0.001 χ^2/NDF: 8602.3/24

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.074+/-0.002 χ^2/NDF:11638.0/6

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

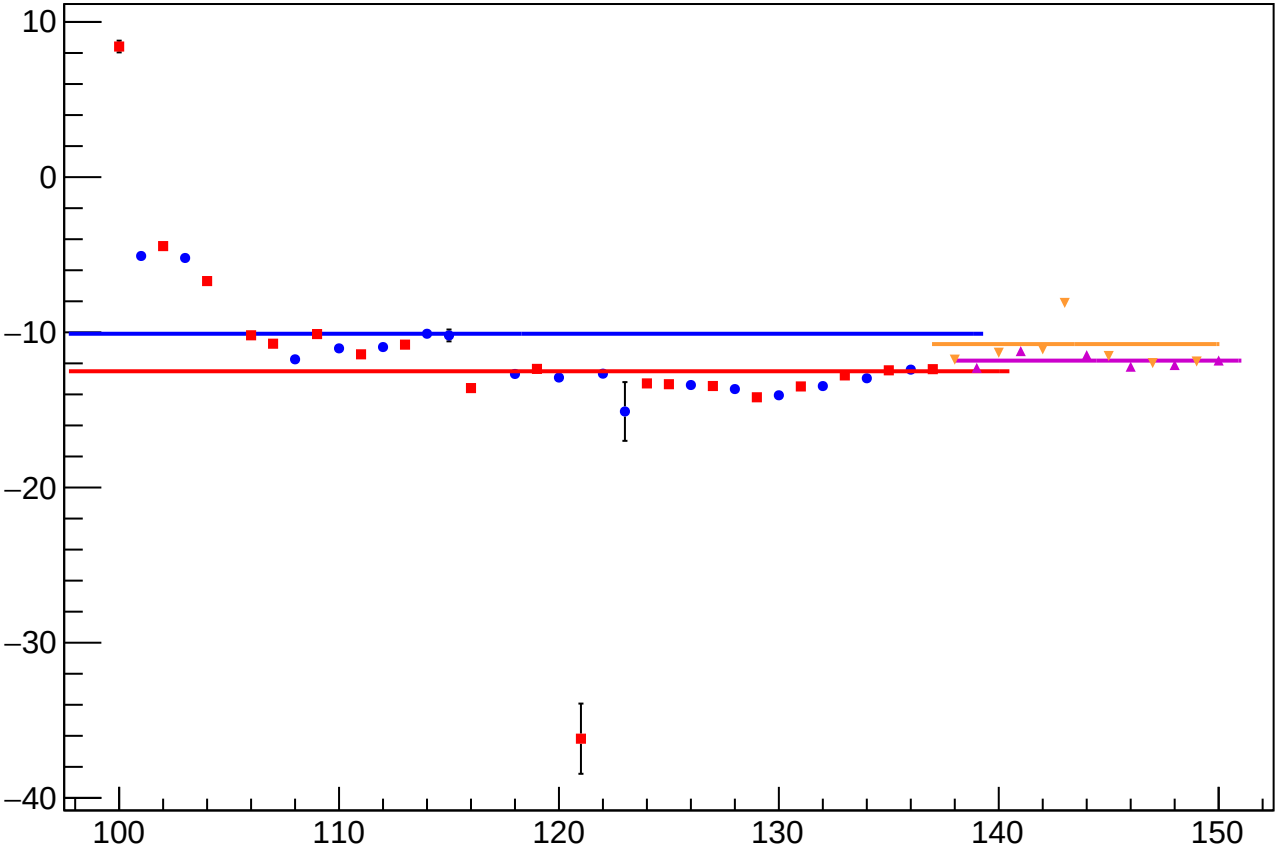
Left In: 7.142+/-0.002 χ^2/NDF:6439.6/5

+ sign 7.032+/-0.000 χ^2/NDF: 32078.7/23

All: 7.032+/-0.000 χ^2/NDF: 59681.6/48

- sign 7.174+/-0.001 χ^2/NDF: 17442.7/24

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -10.757+/-0.003 χ^2/NDF:278822.1/6

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

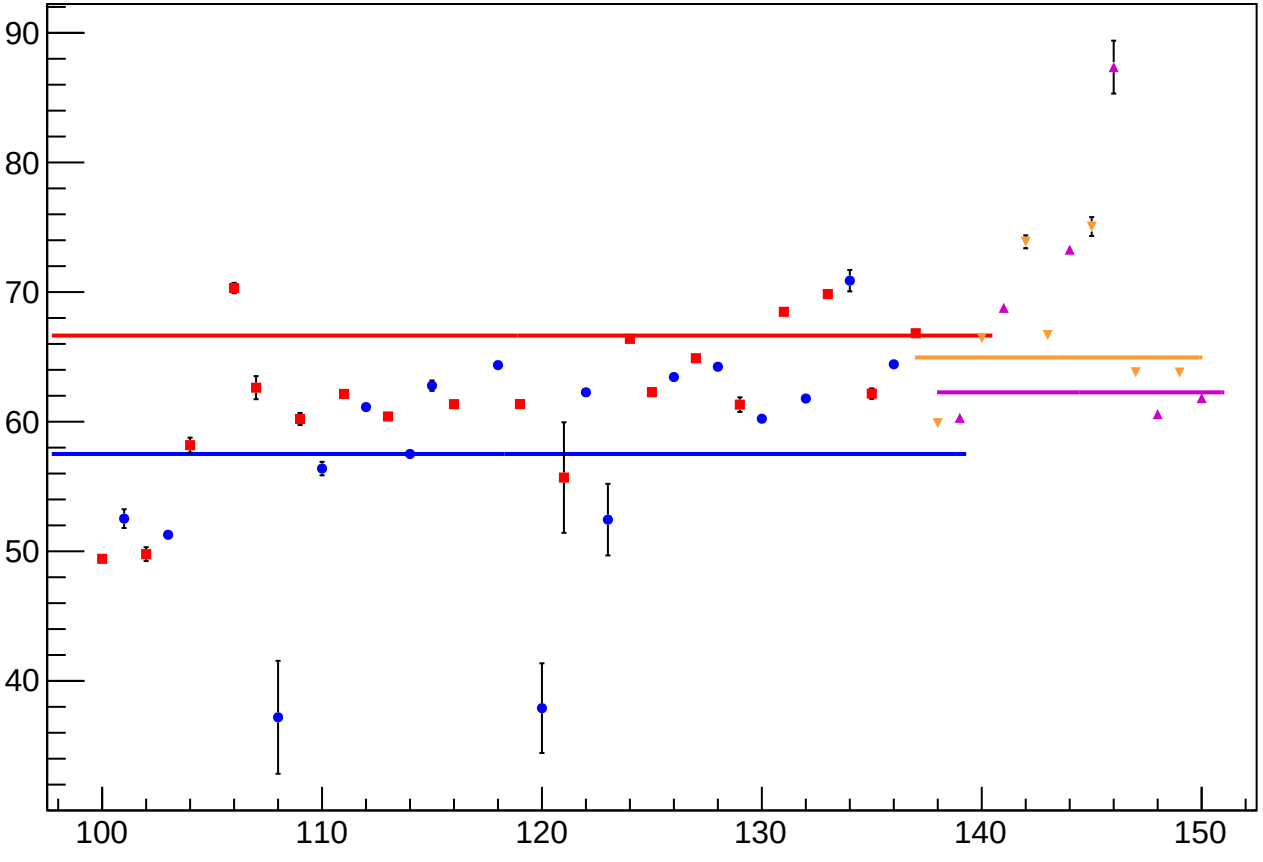
Left In: -11.823+/-0.004 χ^2/NDF:7267.1/5

+ sign -10.092+/-0.000 χ^2/NDF: 865236.6/23

All: -10.092+/-0.000 χ^2/NDF: 1603653.5/48

- sign -12.166+/-0.003 χ^2/NDF: 127480.2/24

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 64.958+/-0.084 χ^2/NDF:1057.4/6

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

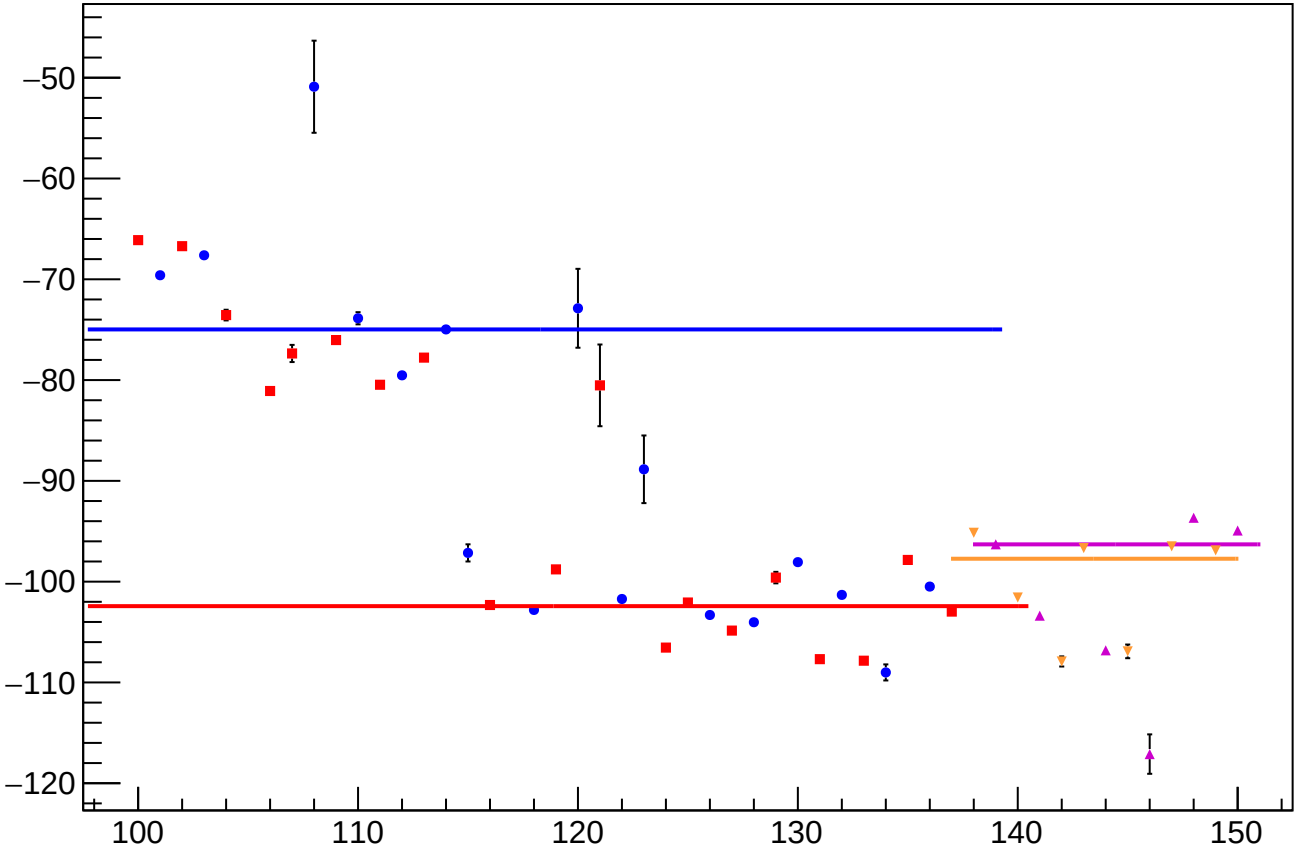
Left In: 62.263+/-0.062 χ^2/NDF:2549.0/5

+ sign 57.510+/-0.000 χ^2/NDF: 16947.5/23

All: 57.510+/-0.000 χ^2/NDF: 521713.6/48

- sign 66.458+/-0.013 χ^2/NDF: 15501.1/24

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -97.726+/-0.085 χ^2/NDF:1061.8/6

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

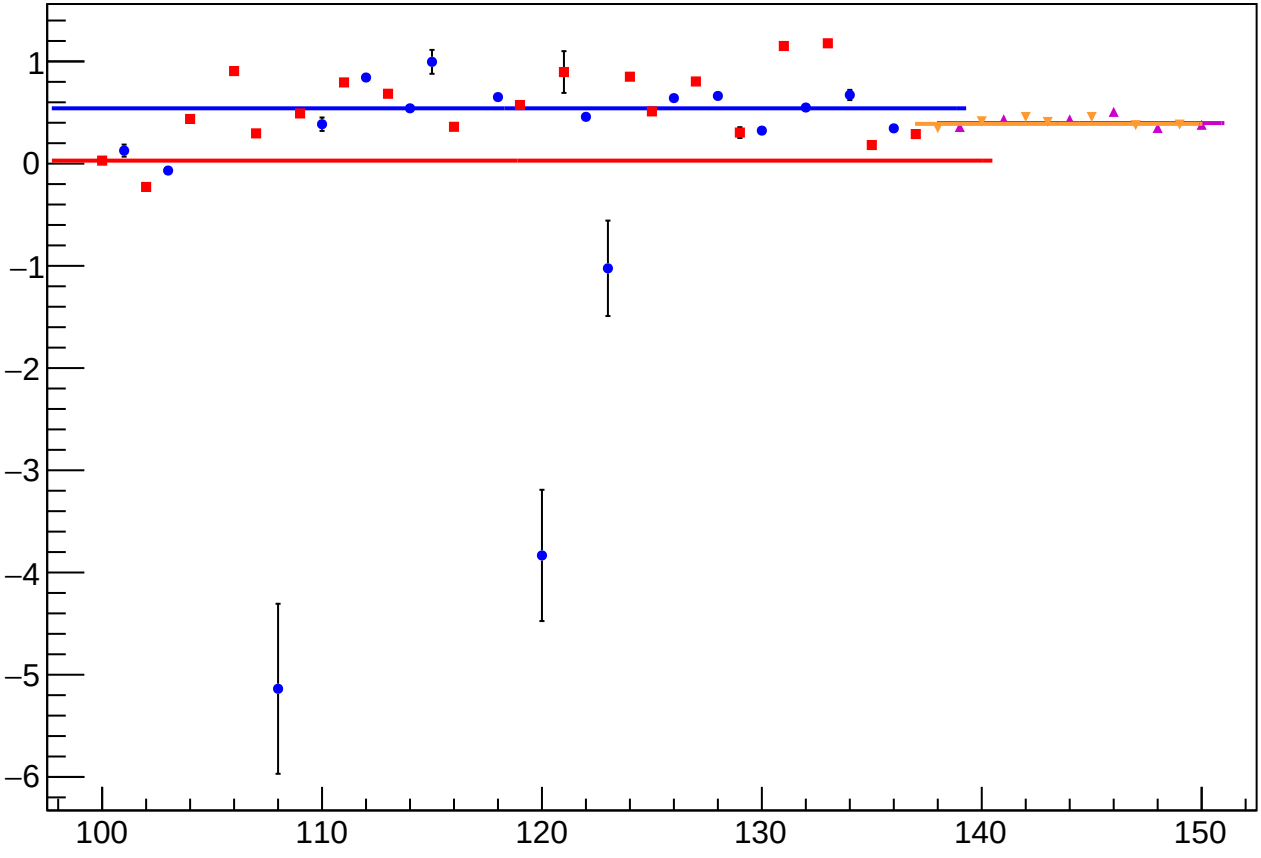
Left In: -96.300+/-0.065 χ^2/NDF:2766.9/5

+ sign -74.974+/-0.000 χ^2/NDF: 202998.9/23

All: -74.974+/-0.000 χ^2/NDF: 2741022.6/48

- sign -101.996+/-0.017 χ^2/NDF: 61534.3/24

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.389+/-0.001 χ^2/NDF:768.1/6

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

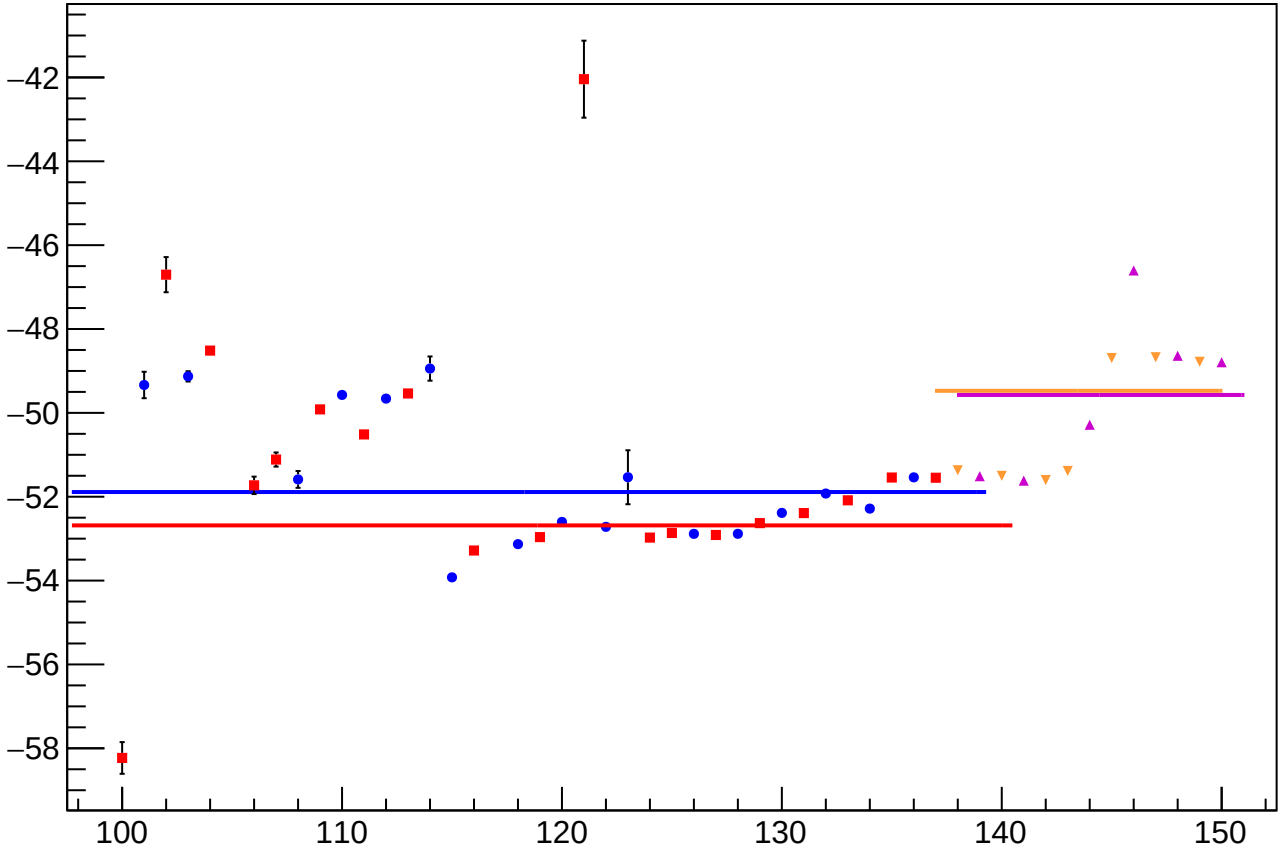
Left In: 0.397+/-0.001 χ^2/NDF:2086.7/5

+ sign 0.541+/-0.000 χ^2/NDF: 73906.0/23

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 379062.7/24

dit_sam8_4aY_slope vs Slug



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -49.474+/-0.002 χ^2/NDF:275238.2/6

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

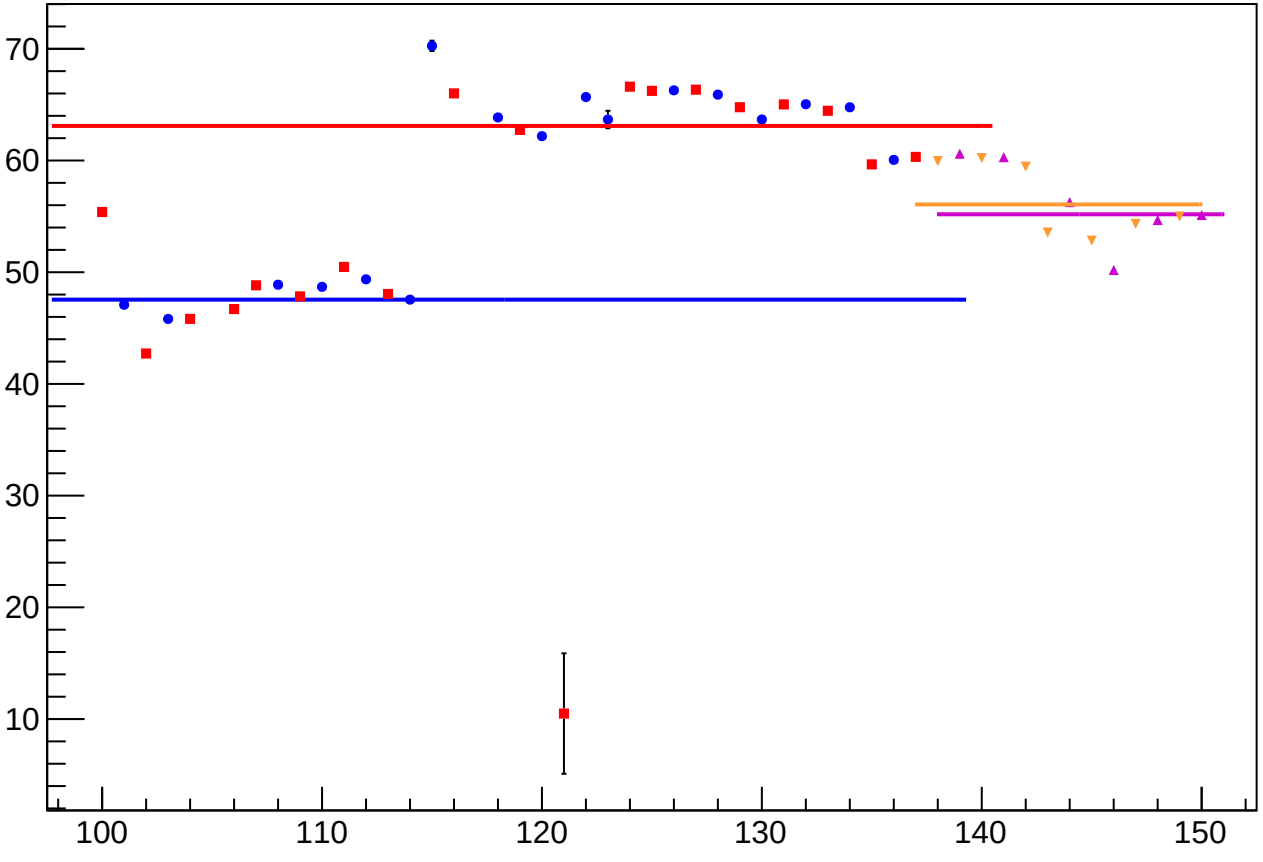
Left In: -49.573+/-0.002 χ^2/NDF:391404.8/5

+ sign -50.713+/-0.002 χ^2/NDF: 924003.0/23

All: -50.772+/-0.001 χ^2/NDF: 2253149.1/48

- sign -50.833+/-0.002 χ^2/NDF: 1326397.4/24

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 56.068+/-0.006 χ^2/NDF:187913.3/6

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

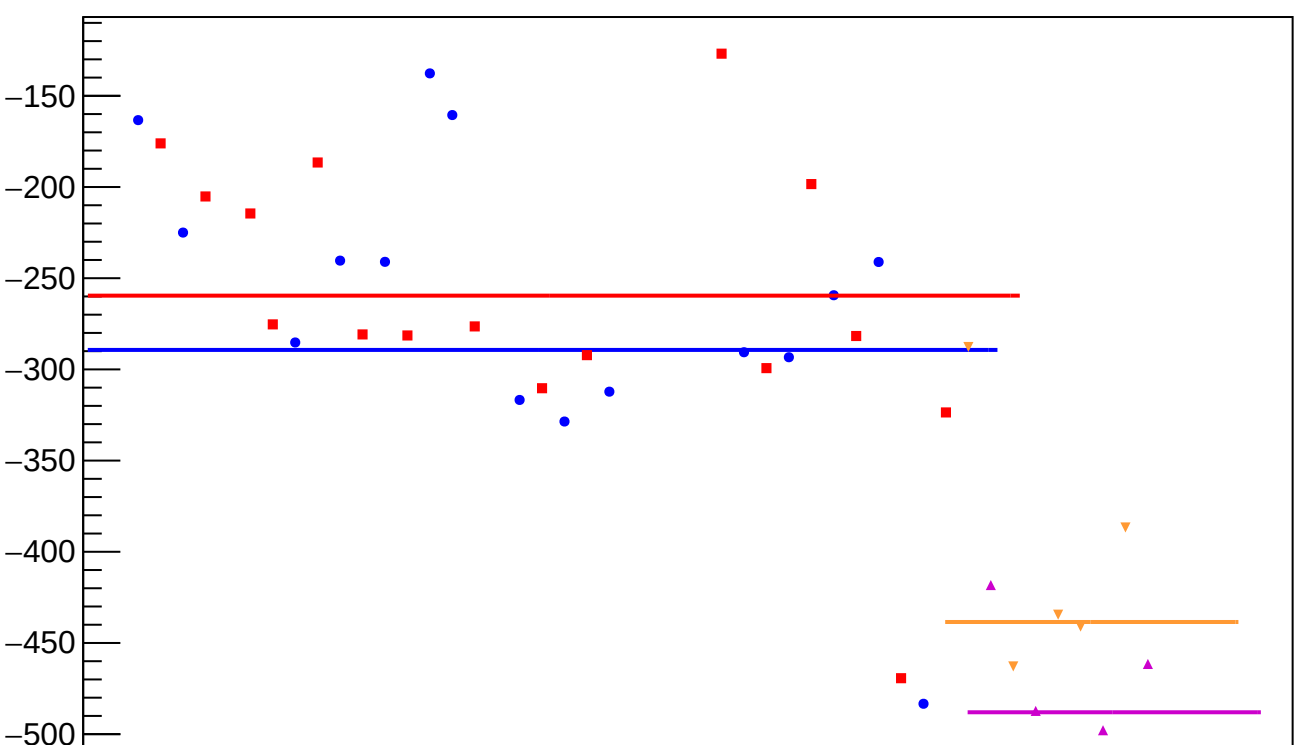
Left In: 55.185+/-0.005 χ^2/NDF:61819.9/5

+ sign 47.545+/-0.000 χ^2/NDF: 5631762.6/23

All: 47.545+/-0.000 χ^2/NDF: 12557997.6/48

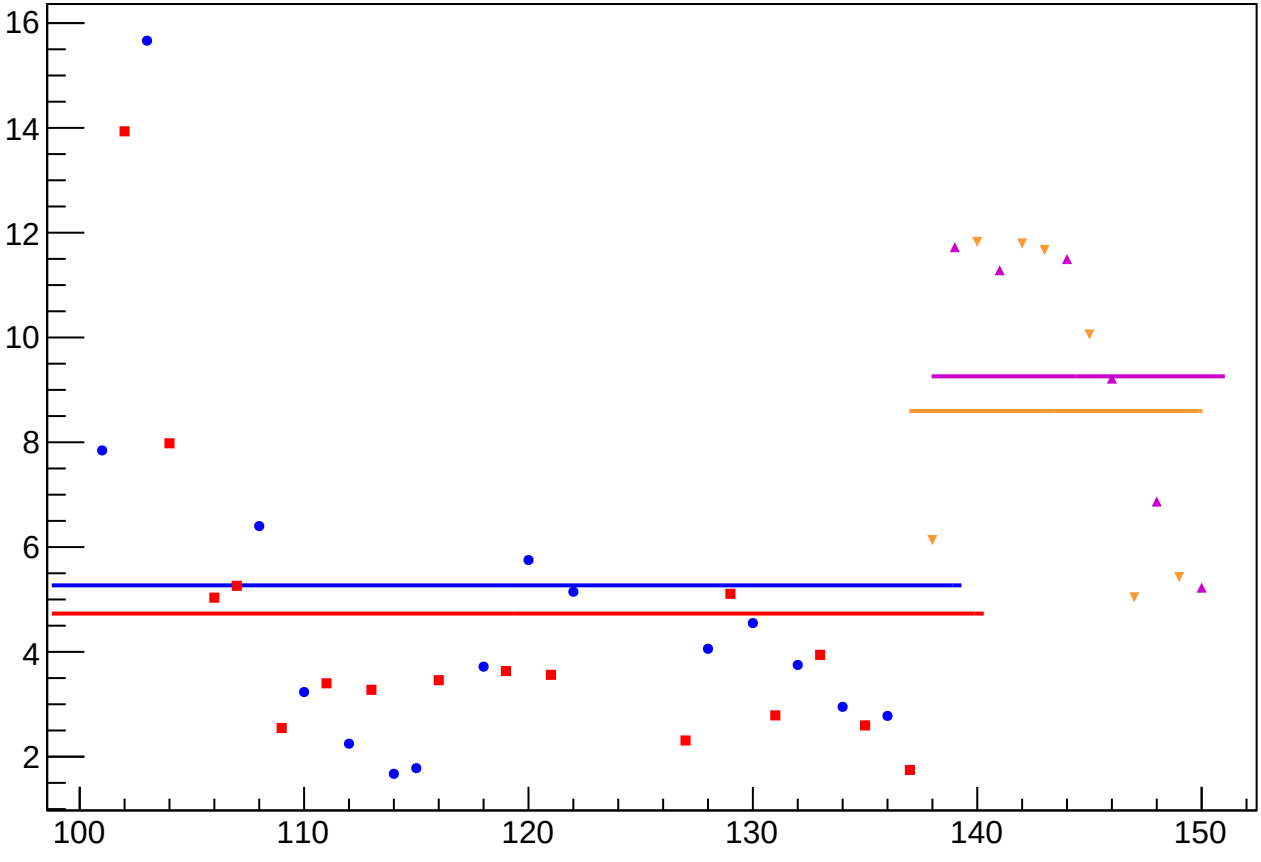
- sign 57.732+/-0.004 χ^2/NDF: 1155031.9/24

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14
+ sign -355.394+/-0.000 χ^2/NDF: 15014832707551
Left Out: -438.497+/-0.000 χ^2/NDF:324842949292930134216909007603787366 4.0/6
All: -357.144+/-0.000 χ^2/NDF: 3519807488 3
Right Out: -259.558+/-0.000 χ^2/NDF: 429988679269212397078456398377071411 2.0/15
- sign -358.871+/-0.000 χ^2/NDF: 20176157645602 2
Left In: -487.997+/-0.000 χ^2/NDF:744034823954183144649049390616412160.0/5

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Left Out: 8.597+/-0.000 χ^2/NDF:4432808881257990030148758547726336.0/6

Right Out: 4.732+/-0.000 χ^2/NDF: 6856893072575211562802281426452480.0/15

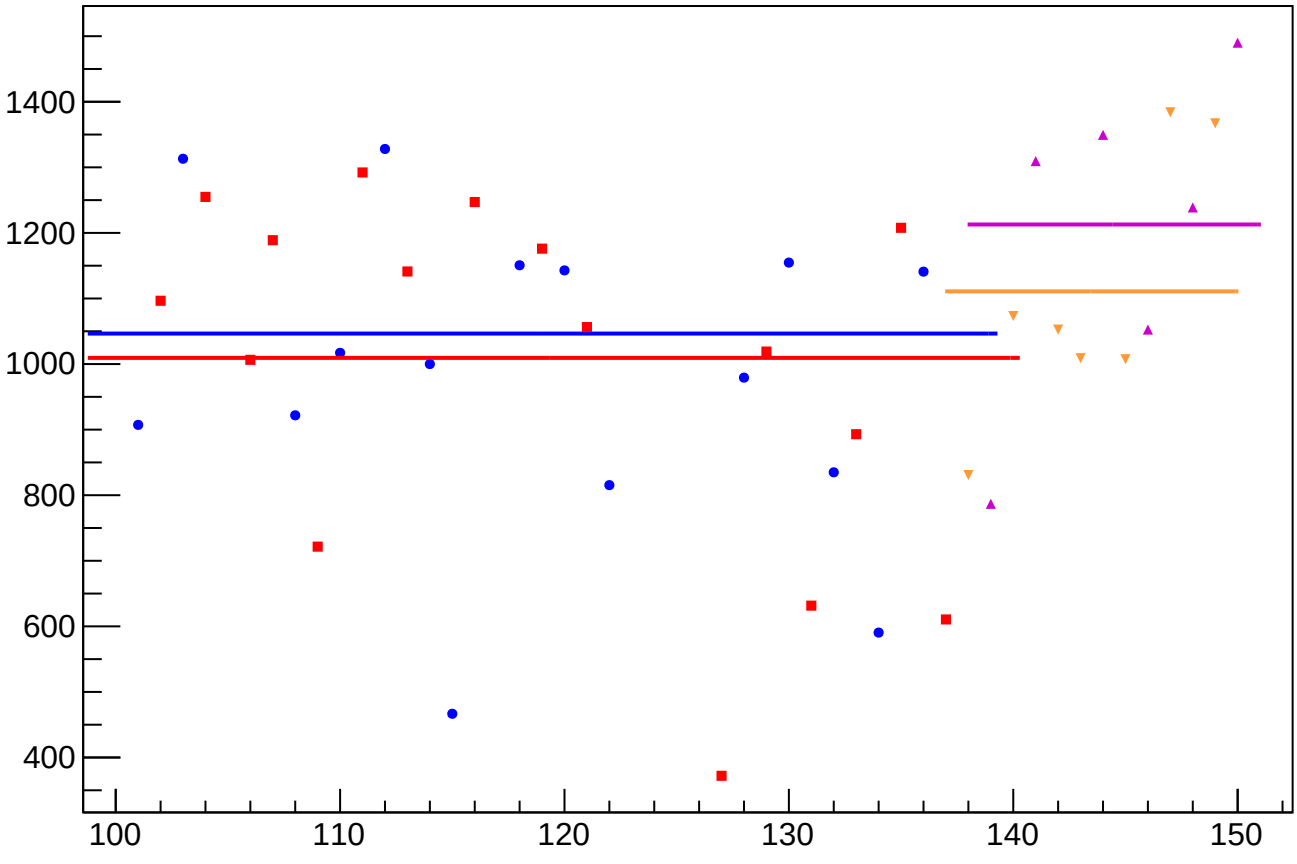
Left In: 9.259+/-0.000 χ^2/NDF:3246158498286692839784161814249472.0/5

+ sign 6.743+/-0.000 χ^2/NDF: 16325120209764292

All: 6.721+/-0.000 χ^2/NDF: 3237208446236

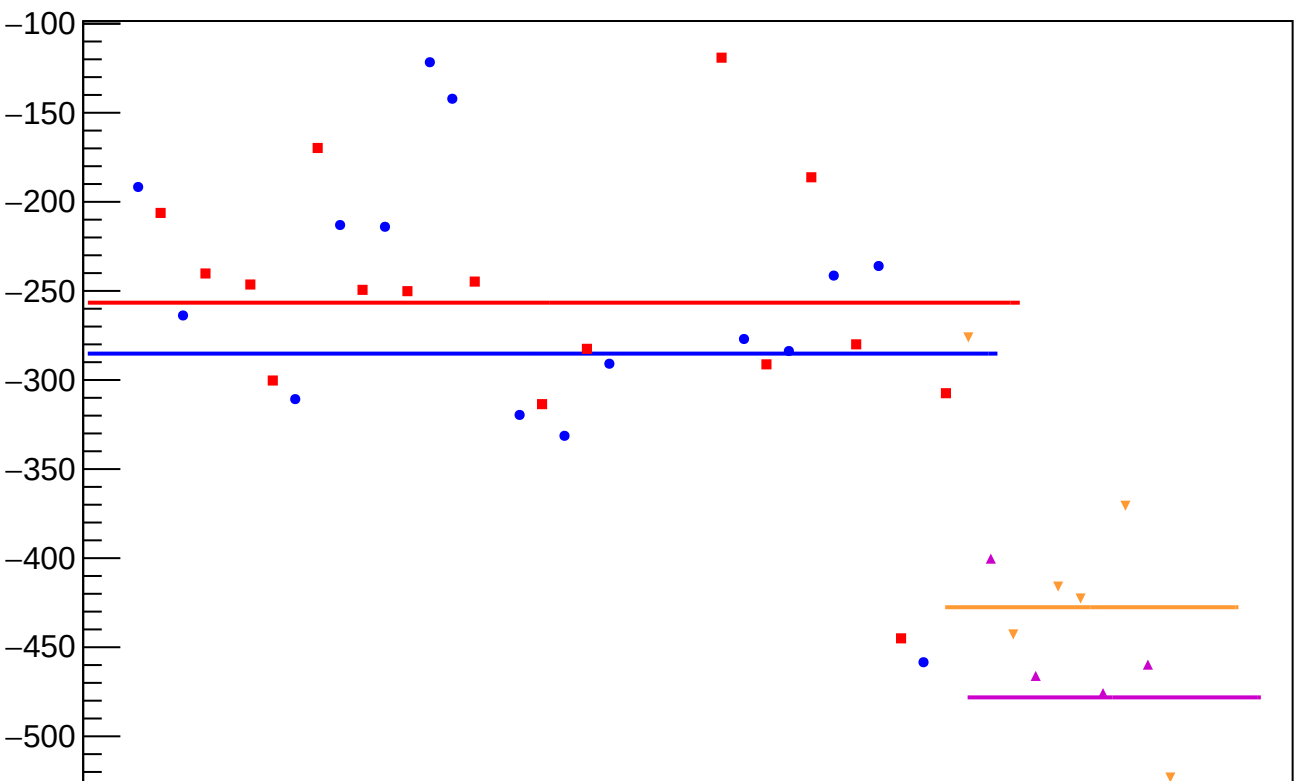
- sign 6.700+/-0.000 χ^2/NDF: 16045843883465600

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081 9
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
All: 1086.508+/-0.000 χ^2/NDF: 1285896895 7
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285
Left Out: 1212.842+/-0.000 χ^2/NDF:263395577173691137914655210273117306 88.0/5

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Left Out: -427.543+/-0.000 χ^2/NDF:3669015372411306152827745073094459392.0/6

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

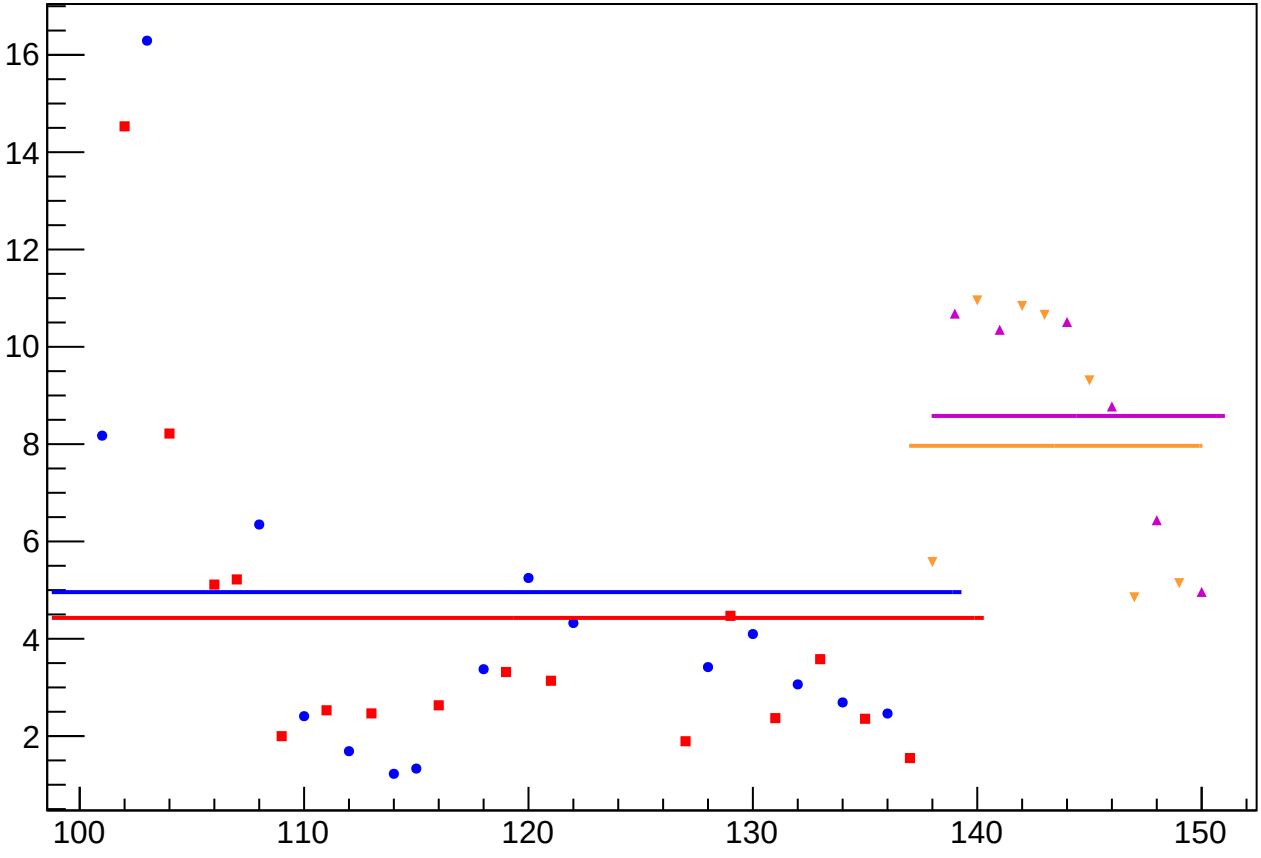
Left In: -478.141+/-0.000 χ^2/NDF:1002379918531419235150699047937900544.0/5

+ sign -348.239+/-0.000 χ^2/NDF: 13973951451280

All: -350.591+/-0.000 χ^2/NDF: 3286968869

- sign -352.914+/-0.000 χ^2/NDF: 18882926461255

dit_4eX_coil1_err_mean vs Slug



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 7.966+/-0.000 χ^2/NDF:36145138113660704719567698274549 76.0/6

Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

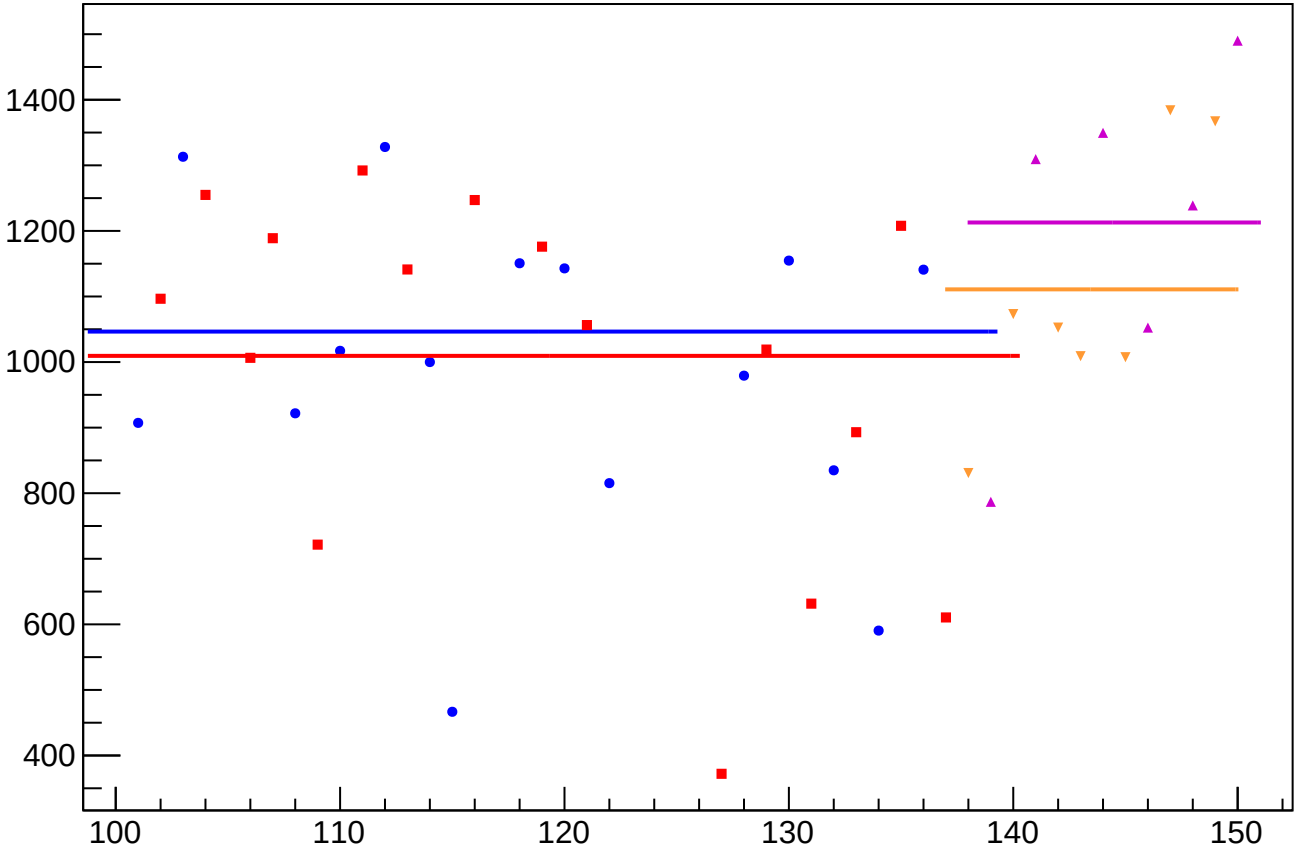
Left In: 8.579+/-0.000 χ^2/NDF:2535583548301976487373279349178368.0/5

+ sign 6.291+/-0.000 χ^2/NDF: 1667861244839582 3

All: 6.262+/-0.000 χ^2/NDF: 3258285270800 4

- sign 6.233+/-0.000 χ^2/NDF: 1590231554025020 4

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

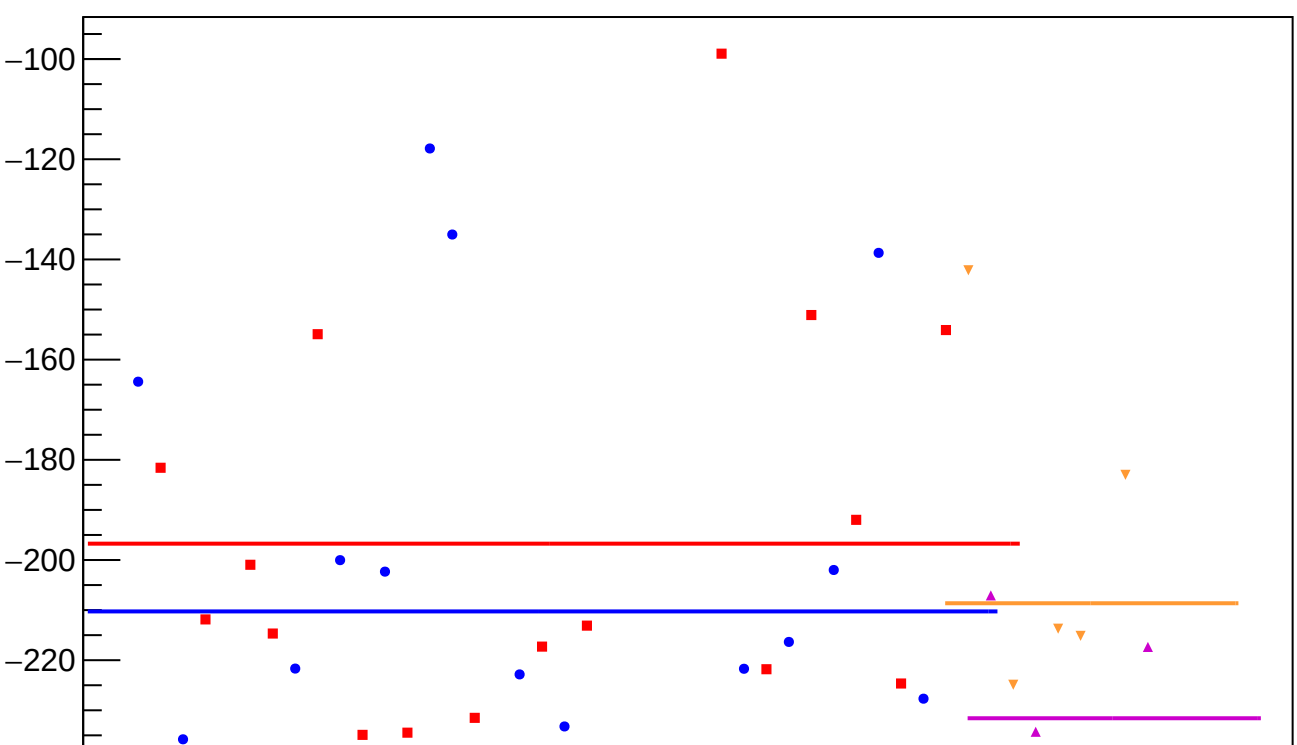
All: 1086.508+/-0.000 χ^2/NDF: 1285896895

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285

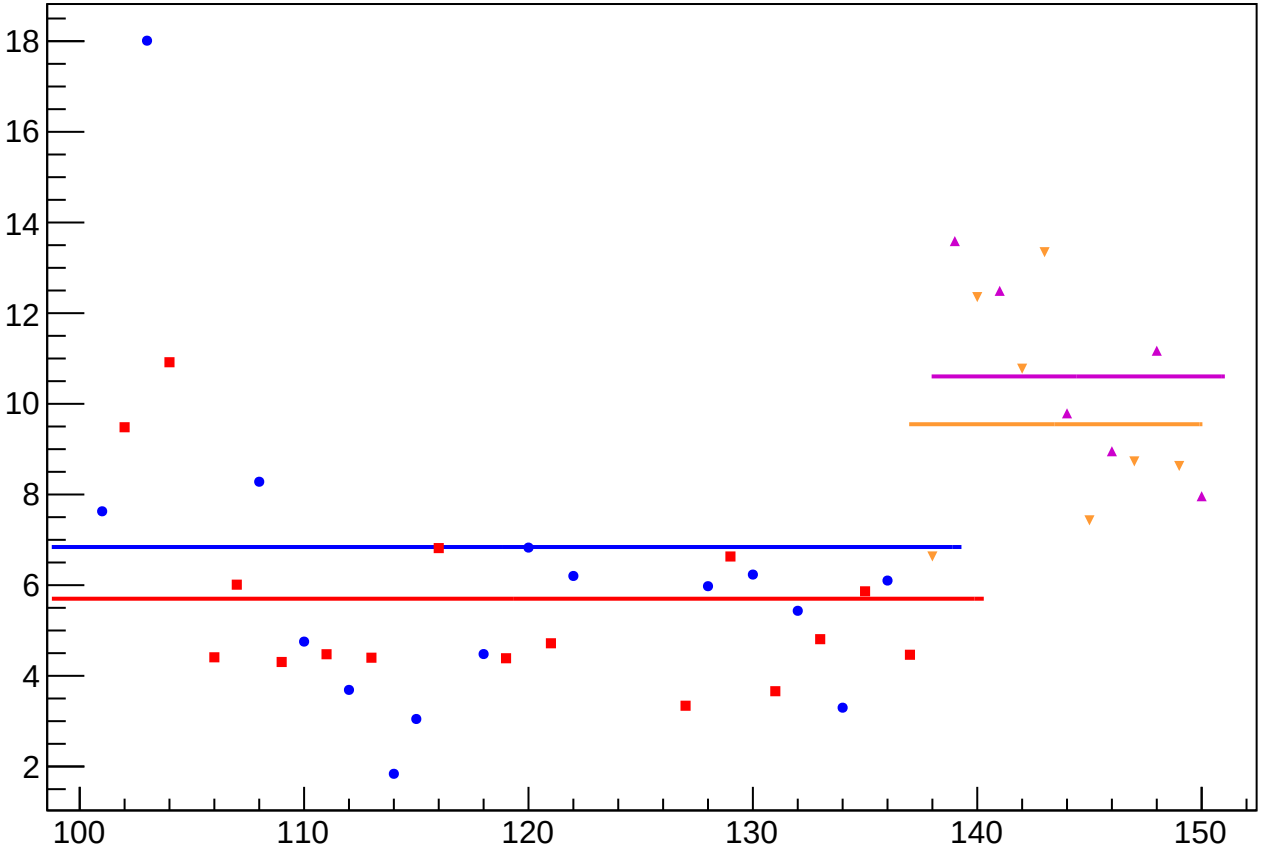
Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14
+ sign -209.540+/-0.000 χ^2/NDF: 11628248583249
Left Out: -208.632+/-0.000 χ^2/NDF:594350313413135836702790983620755456.0/6
All: -210.721+/-0.000 χ^2/NDF: 2527149513
Right Out: -196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15
- sign -211.888+/-0.000 χ^2/NDF: 13610919991616
Left In: -231.588+/-0.000 χ^2/NDF:992956897572241188473096655675064 32.0/5

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

Left Out: 9.550+/-0.000 χ^2/NDF:2830206282502779542198842736771072.0/6

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

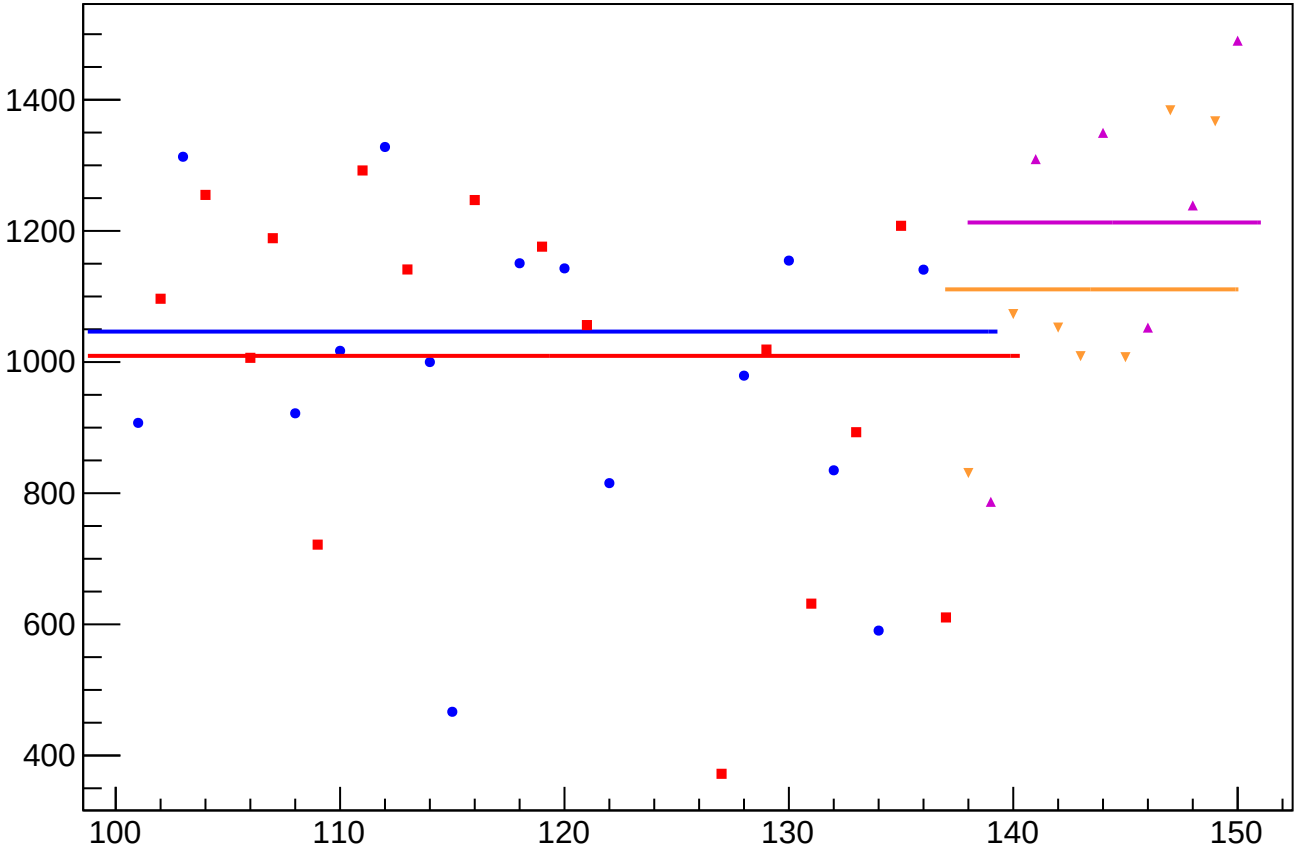
Left In: 10.605+/-0.000 χ^2/NDF:1972461432845258336601942796533760.0/5

+ sign 8.041+/-0.000 χ^2/NDF: 1429513475206306

All: 7.936+/-0.000 χ^2/NDF: 2644023690705

- sign 7.833+/-0.000 χ^2/NDF: 12119666609954064

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

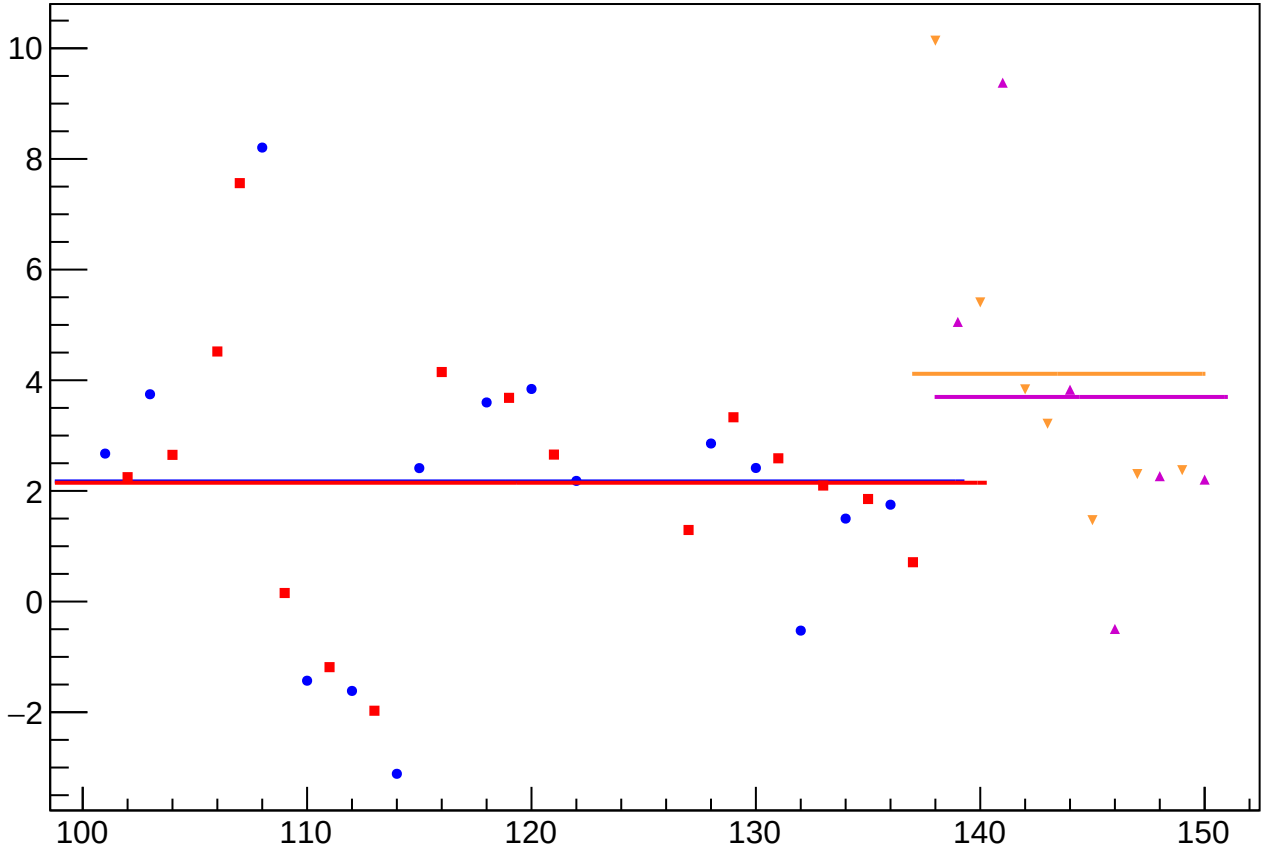
All: 1086.508+/-0.000 χ^2/NDF: 1285896895

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285

Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 4.117+/-0.000 χ^2/NDF:4100621131167945477638561453834240.0/6

Right Out: 2.148+/-0.000 χ^2/NDF: 30938873362393789596063219318784 00.0/15

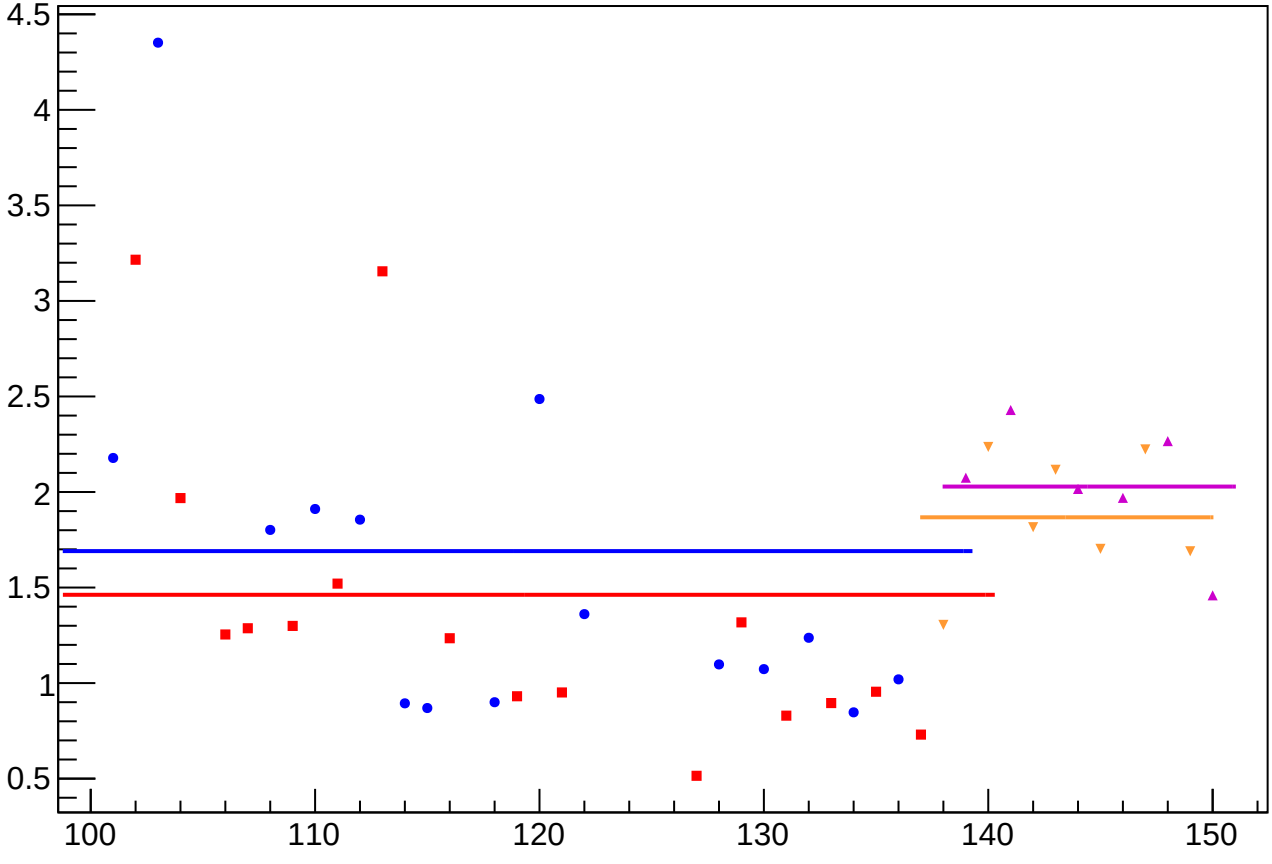
Left In: 3.698+/-0.000 χ^2/NDF:4727831714349367088744704400949248.0/5

+ sign 3.033+/-0.000 χ^2/NDF: 8788190644375526 7

All: 2.927+/-0.000 χ^2/NDF: 1733333301118 4

- sign 2.822+/-0.000 χ^2/NDF: 8518988916333460 6

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF: 61216339331760985967407941235507 2.0/14

+ sign 1.769+/-0.000 χ^2/NDF: 6759754018701539 3

Left Out: 1.868+/-0.000 χ^2/NDF:5482471530395586594398389718220 8.0/6

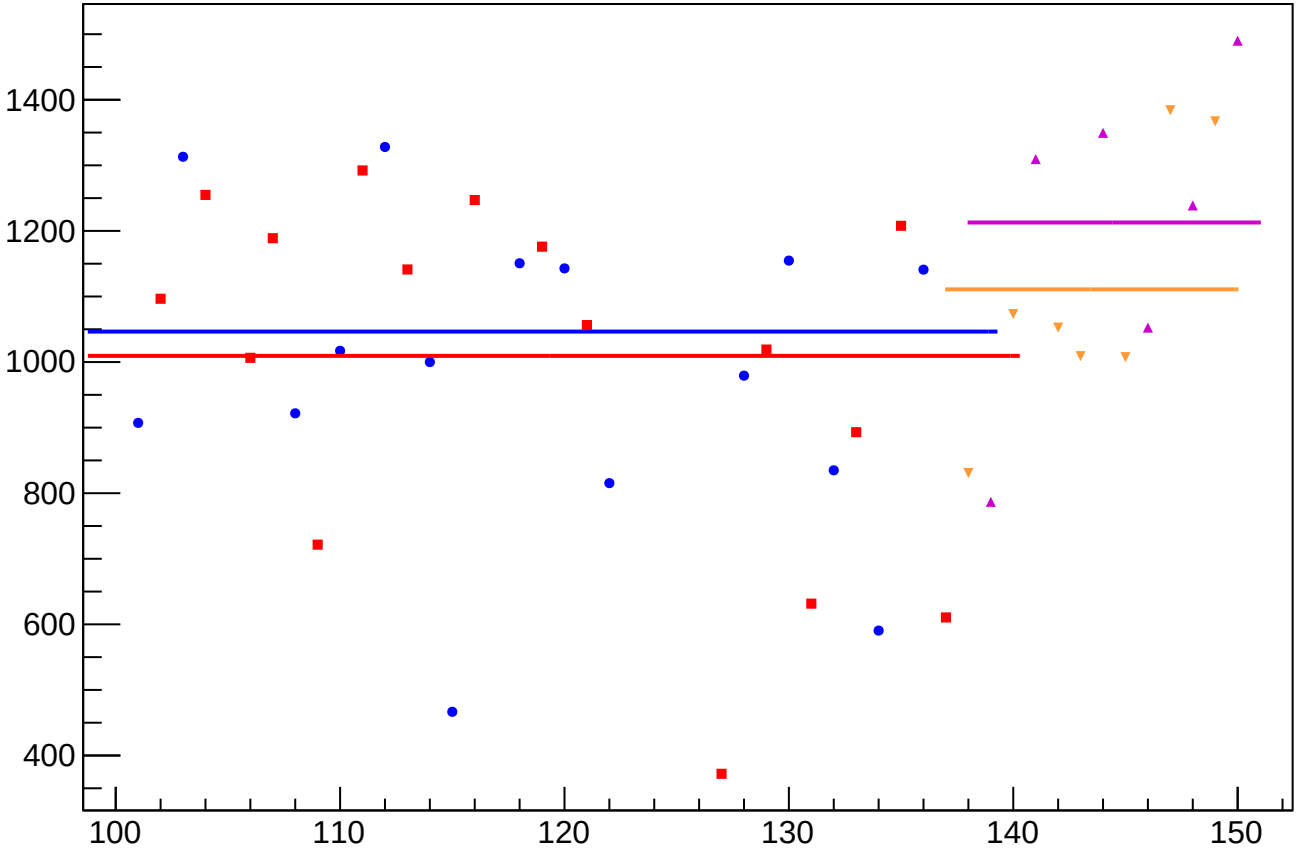
All: 1.739+/-0.000 χ^2/NDF: 1263914711927 5

Right Out: 1.462+/-0.000 χ^2/NDF: 4443845116625190400223717548359 68.0/15

- sign 1.708+/-0.000 χ^2/NDF: 5857765018878163 6

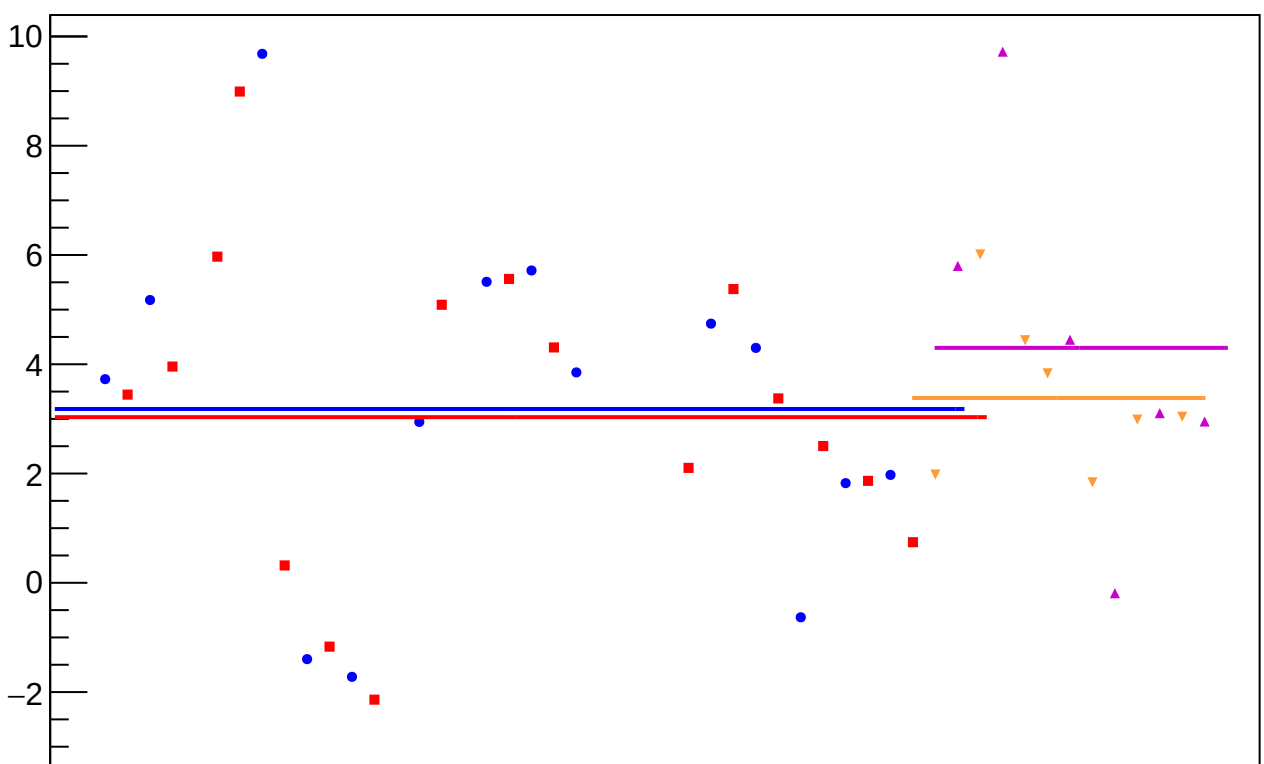
Left In: 2.028+/-0.000 χ^2/NDF:4836711169478494240145110623846 4.0/5

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
All: 1086.508+/-0.000 χ^2/NDF: 1285896895
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285
Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Left Out: 3.383+/-0.000 χ^2/NDF:99936221739953893582773956064051 2.0/6

Right Out: 3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

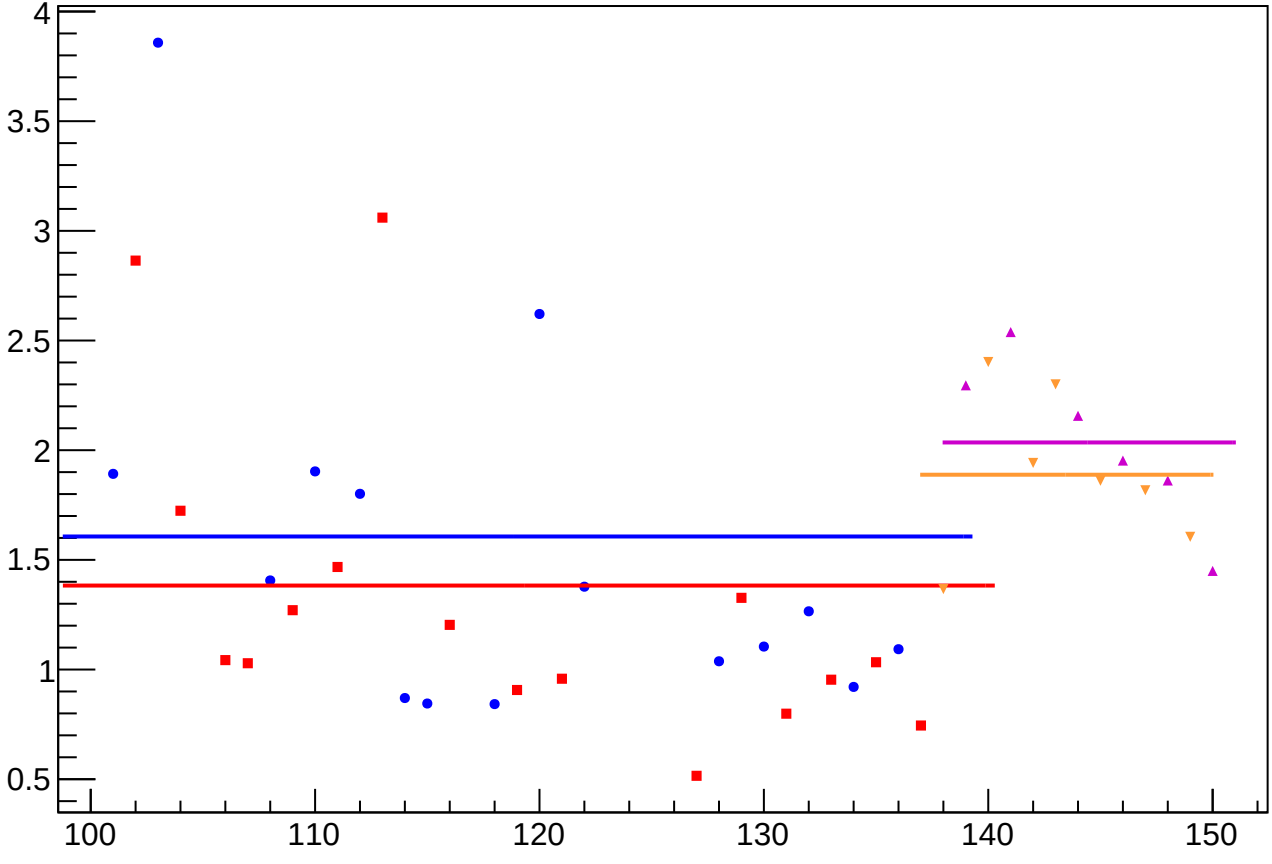
Left In: 4.300+/-0.000 χ^2/NDF:46408852136023929687132313799884 80.0/5

+ sign 3.271+/-0.000 χ^2/NDF: 6844380179045128 1

All: 3.428+/-0.000 χ^2/NDF: 1694609913522 1

- sign 3.583+/-0.000 χ^2/NDF: 10044462202784211

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

+ sign 1.731+/-0.000 χ^2/NDF: 5452918946535794

Left Out: 1.888+/-0.000 χ^2/NDF:615491044419222698455901352755 20.0/6

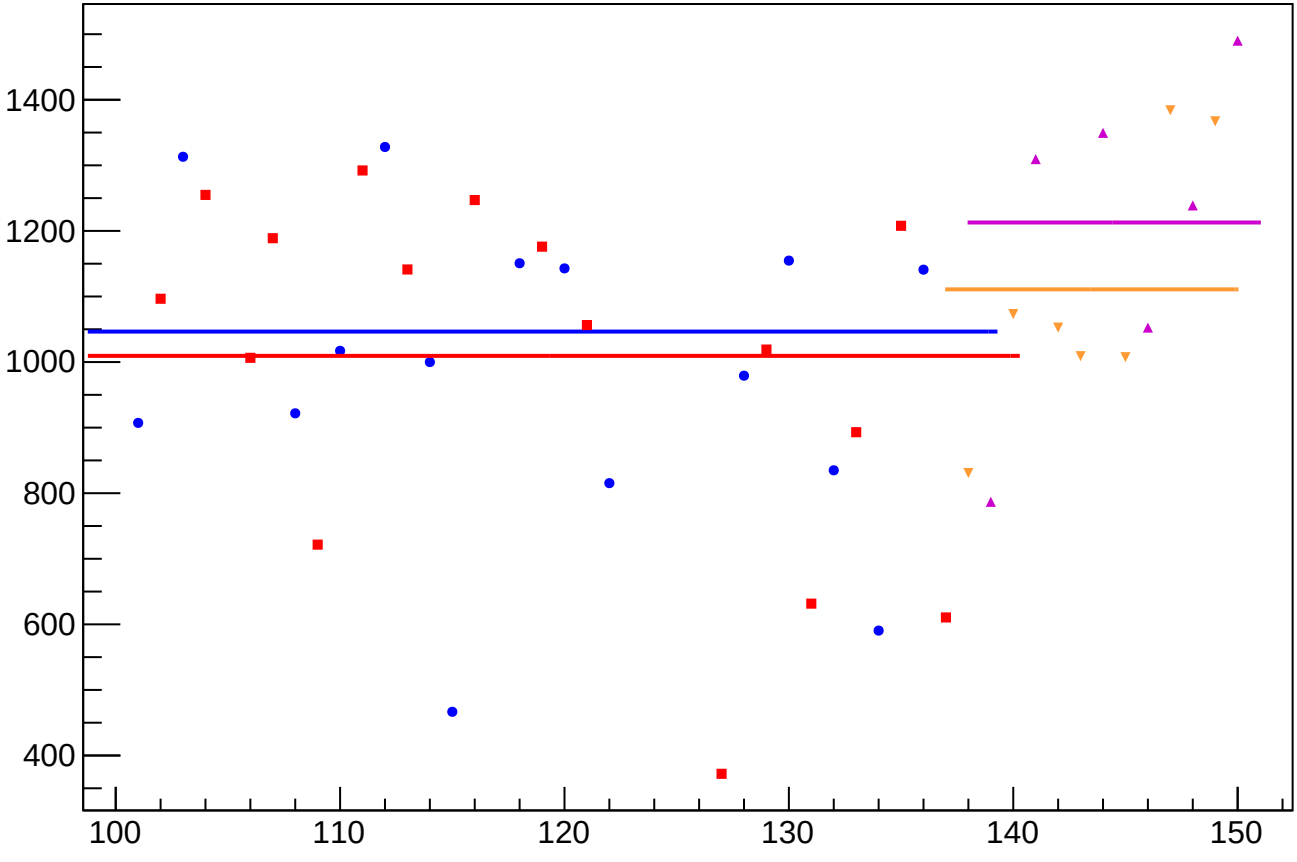
All: 1.699+/-0.000 χ^2/NDF: 1092154151754 6

Right Out: 1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

- sign 1.667+/-0.000 χ^2/NDF: 5444003541910691 2

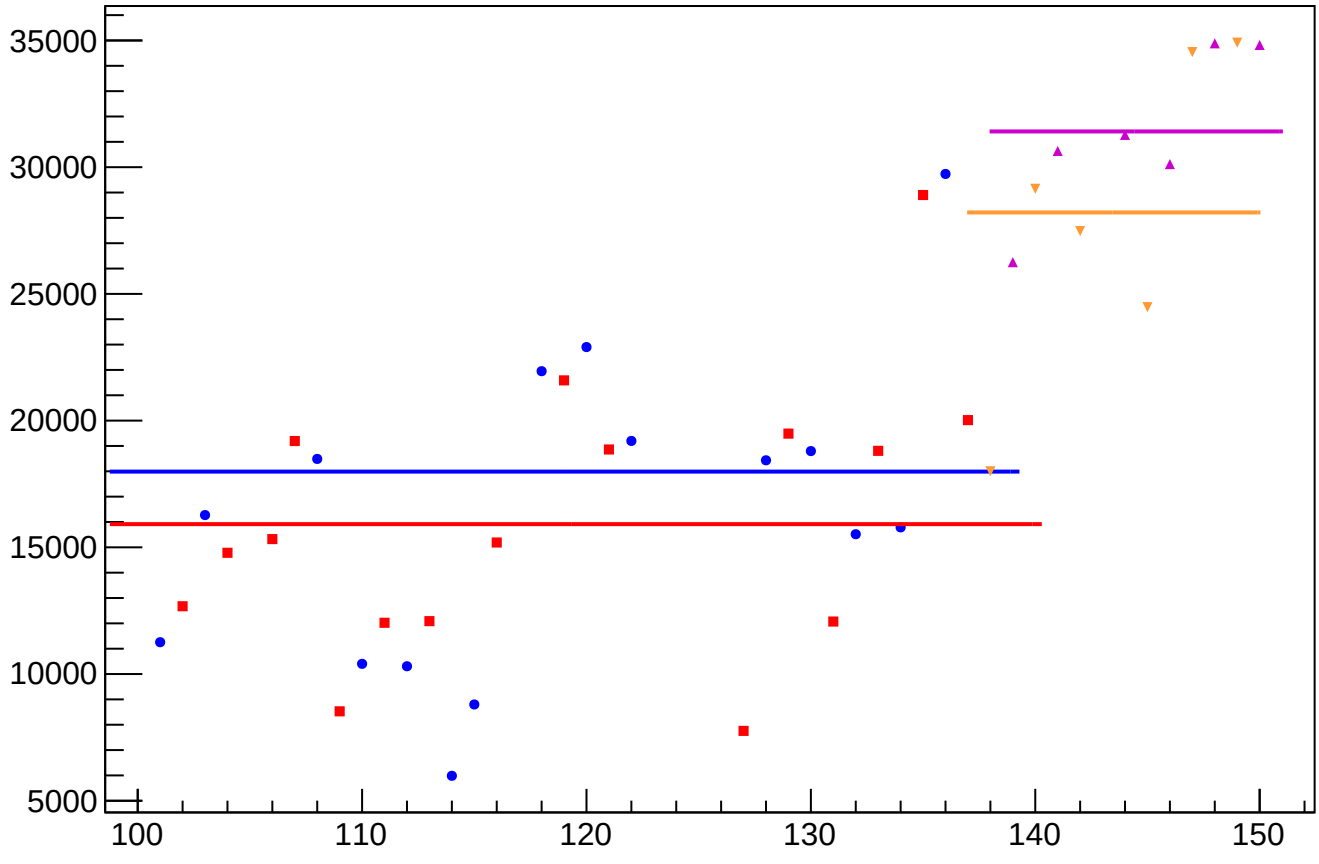
Left In: 2.035+/-0.000 χ^2/NDF:626367433681002009309758504304 64.0/5

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
All: 1086.508+/-0.000 χ^2/NDF: 1285896895
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285
Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

+ sign 22169.587+/-0.000 χ^2/NDF: 6882041846342

Left Out: 28213.530+/-0.000 χ^2/NDF:1625647767939448506726547193608153543475 2.0/5

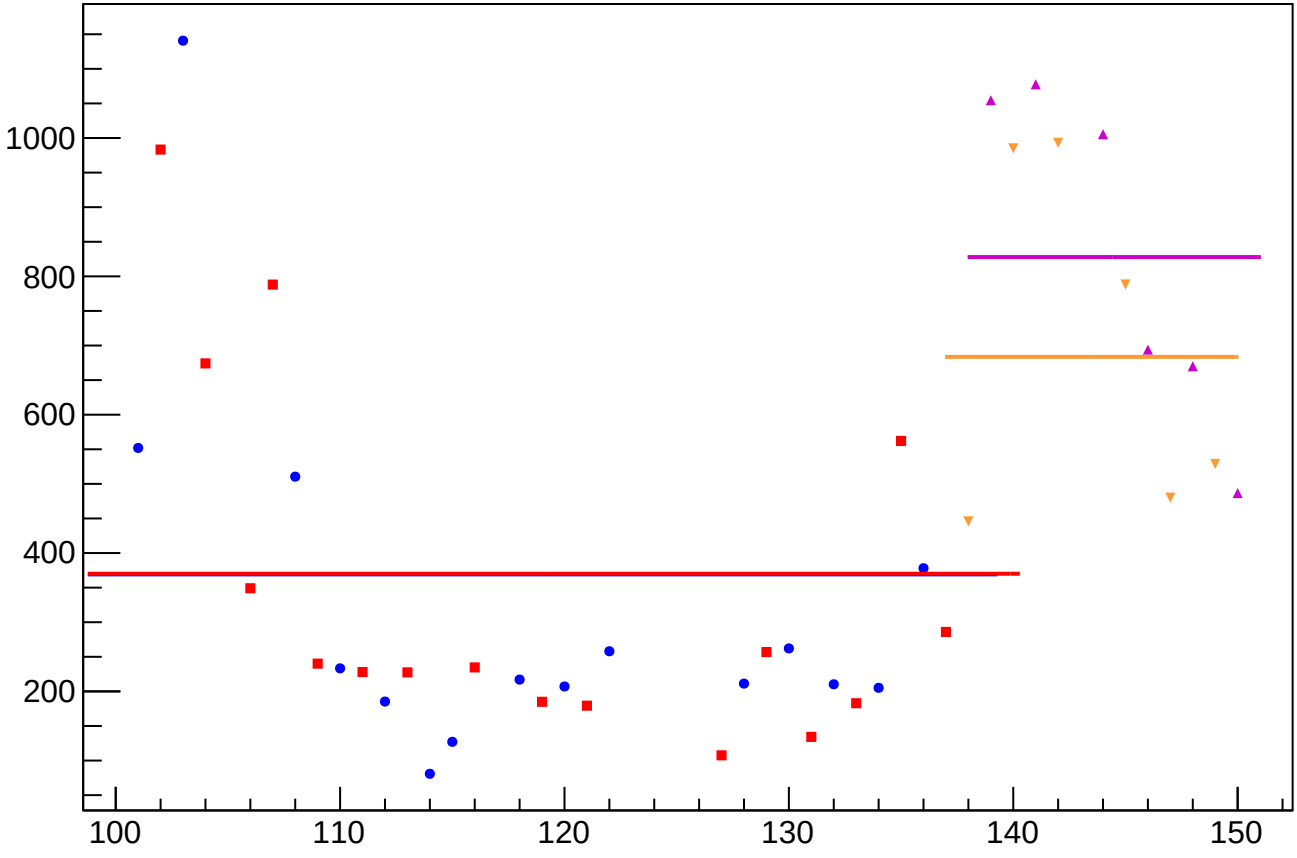
All: 22419.379+/-0.000 χ^2/NDF: 1629529195

Right Out: 15915.227+/-0.000 χ^2/NDF: 1995418967470595270704228741608722399232 0.0/15

- sign 22651.812+/-0.000 χ^2/NDF: 9400024060669

Left In: 31410.686+/-0.000 χ^2/NDF:4420271387976544585654187301536331202560.0/5

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14

Left Out: 683.611+/-0.000 χ^2/NDF:2239648149343527148806645010465082572 8.0/5

Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15

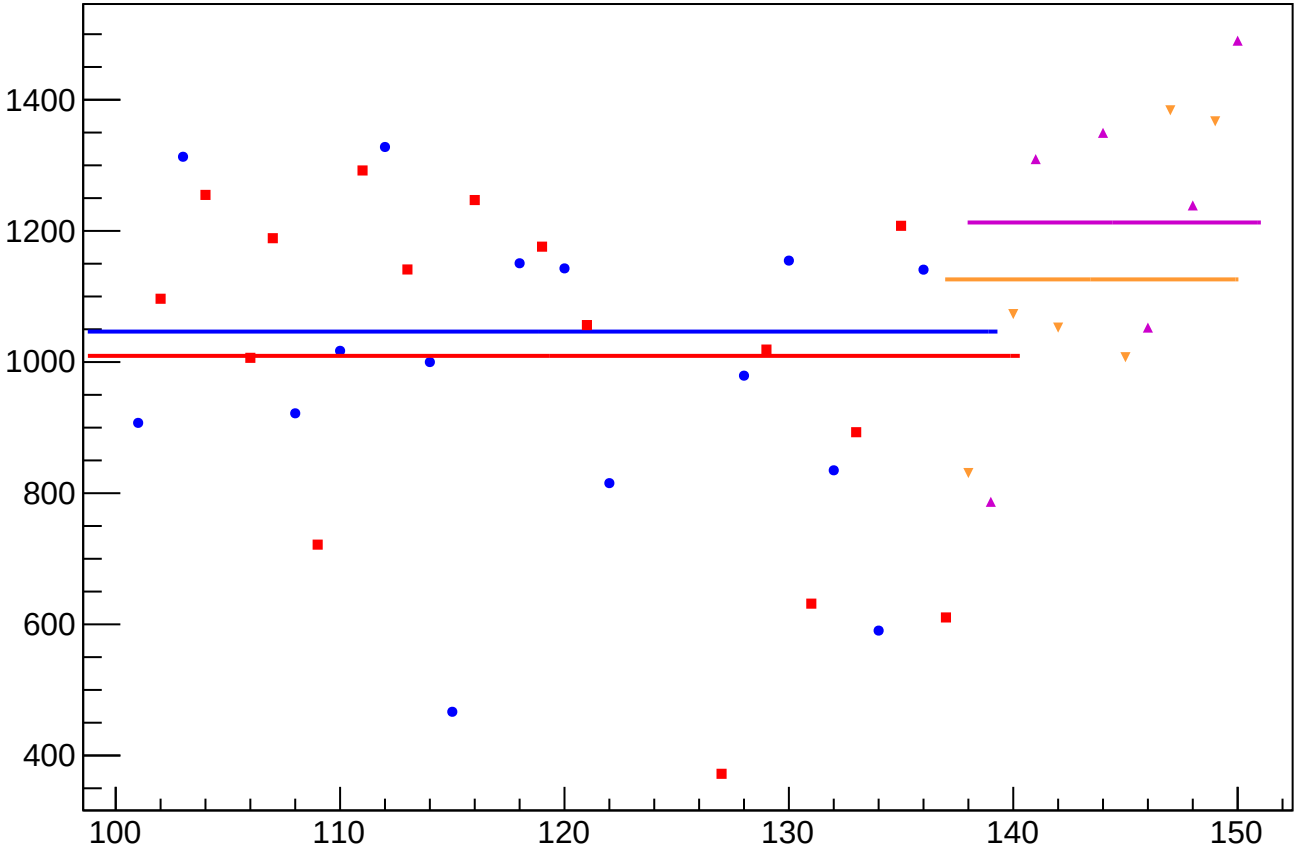
Left In: 827.898+/-0.000 χ^2/NDF:2644592310565864303653376384917569536 0.0/5

+ sign 497.752+/-0.000 χ^2/NDF: 9668991679803 99

All: 534.721+/-0.000 χ^2/NDF: 2350224481 11

- sign 569.121+/-0.000 χ^2/NDF: 1354355317851 57

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1079.029+/-0.000 χ^2/NDF: 4503424098474 5

Left Out: 1126.062+/-0.000 χ^2/NDF:1848721359009873711041064314854388531 2.0/5

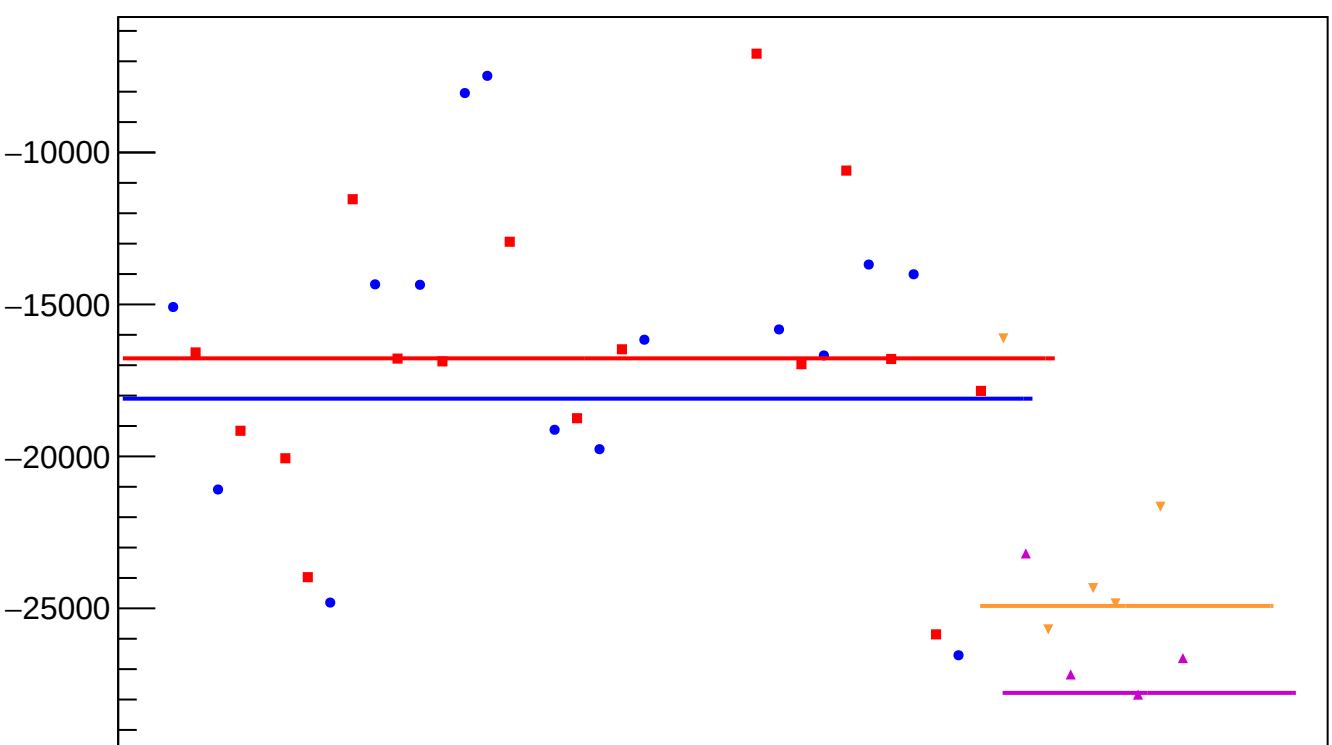
All: 1088.789+/-0.000 χ^2/NDF: 1281748672 1

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1097.871+/-0.000 χ^2/NDF: 8293870285628 5

Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -24920.110+/-0.000 χ^2/NDF:1221533467337379743591958156357840509337 6.0/6

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

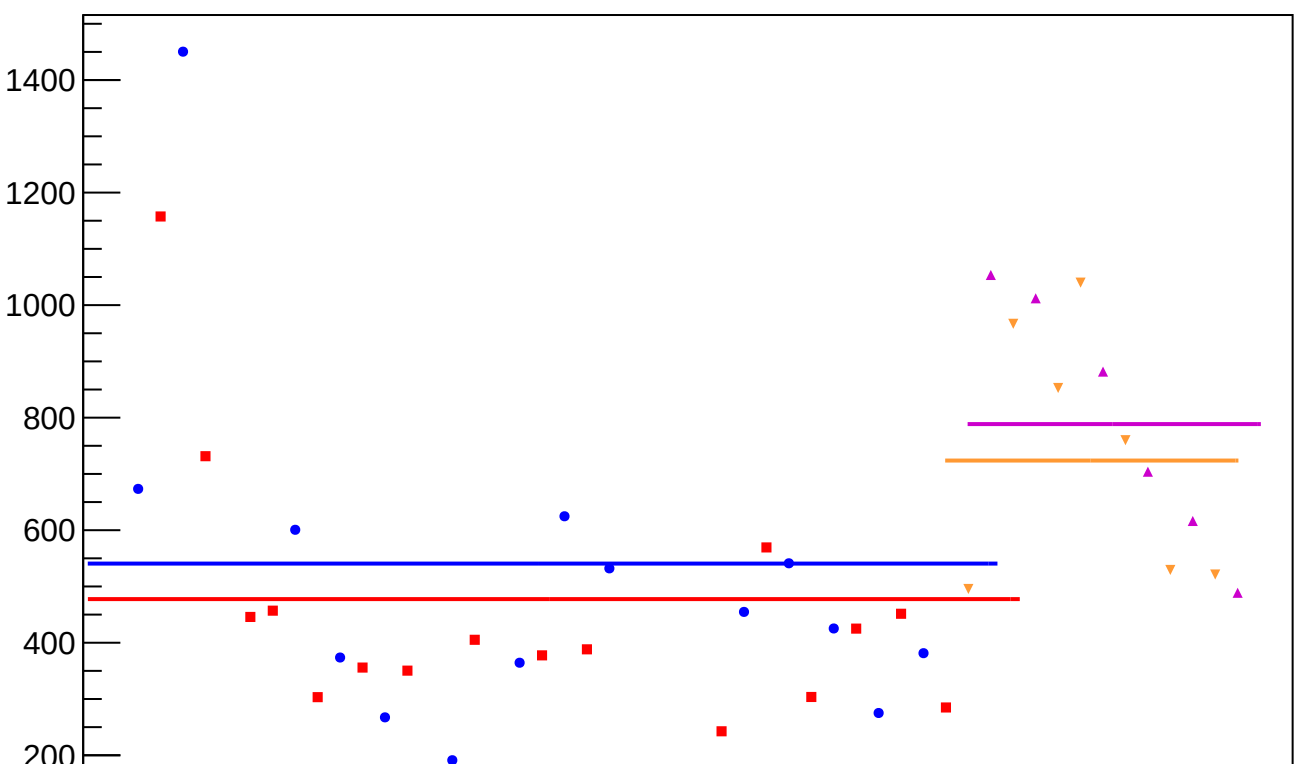
Left In: -27781.327+/-0.000 χ^2/NDF:3351801462110739160770259764408504811520.0/5

+ sign -21121.108+/-0.000 χ^2/NDF: 402184145949

All: -21341.537+/-0.000 χ^2/NDF: 930535695

- sign -21559.165+/-0.000 χ^2/NDF: 5272266151528

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

+ sign 621.769+/-0.000 χ^2/NDF: 970556187750738

Left Out: 723.781+/-0.000 χ^2/NDF:22869736347422403502383884762878050304.0/6

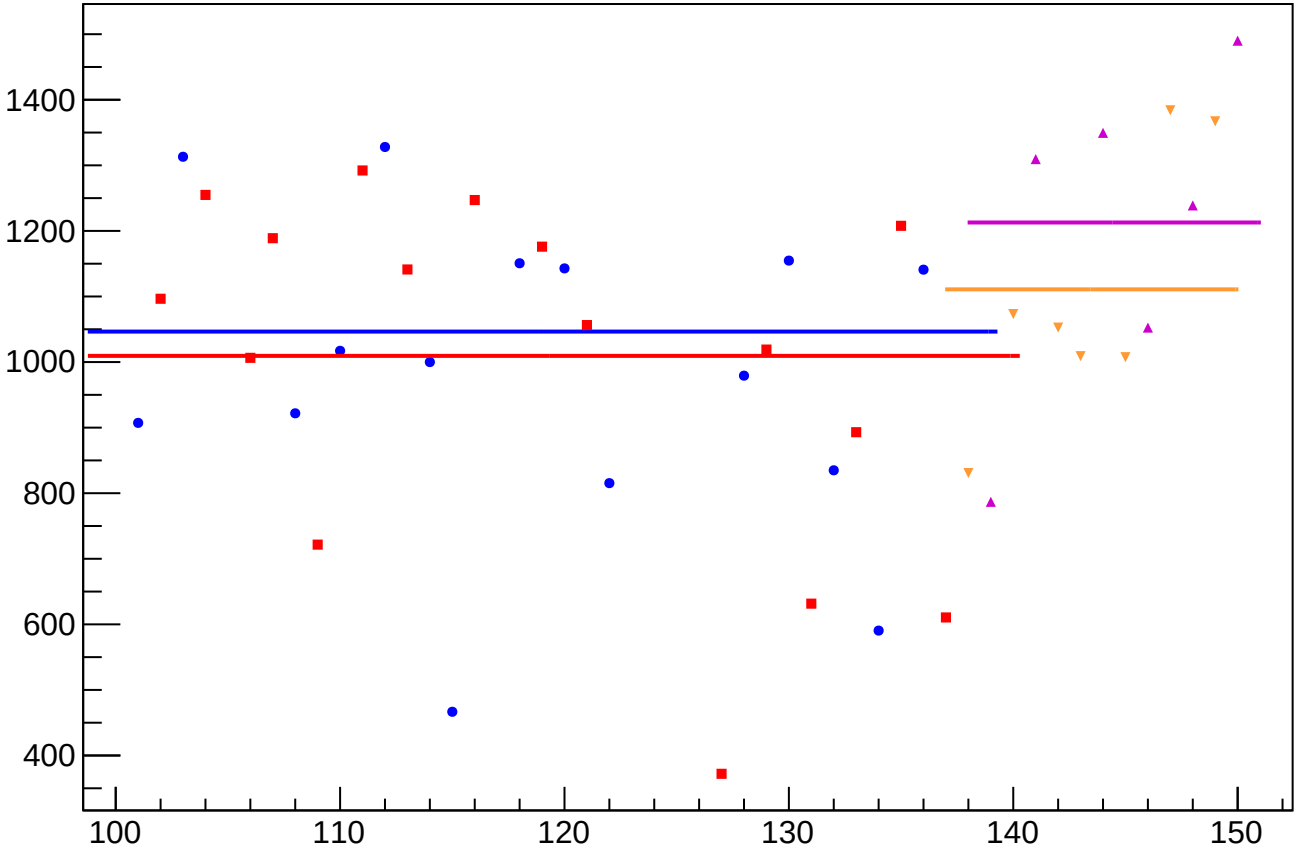
All: 617.242+/-0.000 χ^2/NDF: 18593030508

Right Out: 477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

- sign 612.771+/-0.000 χ^2/NDF: 888272224676732

Left In: 788.590+/-0.000 χ^2/NDF:21974245967652082132828012703626821632.0/5

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

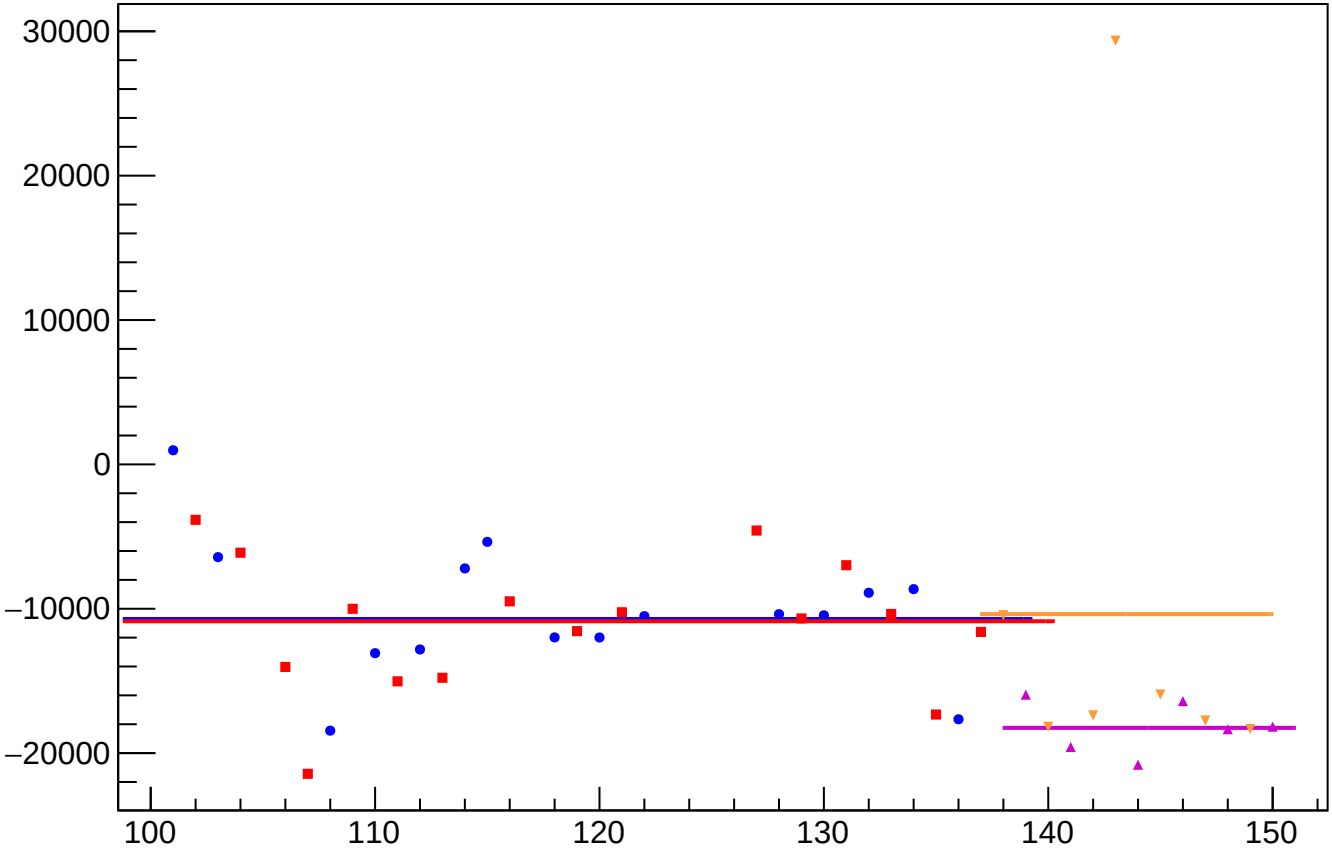
All: 1086.508+/-0.000 χ^2/NDF: 1285896895

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285

Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF: 16945226152053511840482618402250170564608.0/14

Left Out: -10373.629+/-0.000 χ^2/NDF:1250462080526854929587456527184445078241 28.0/6

Right Out: -10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

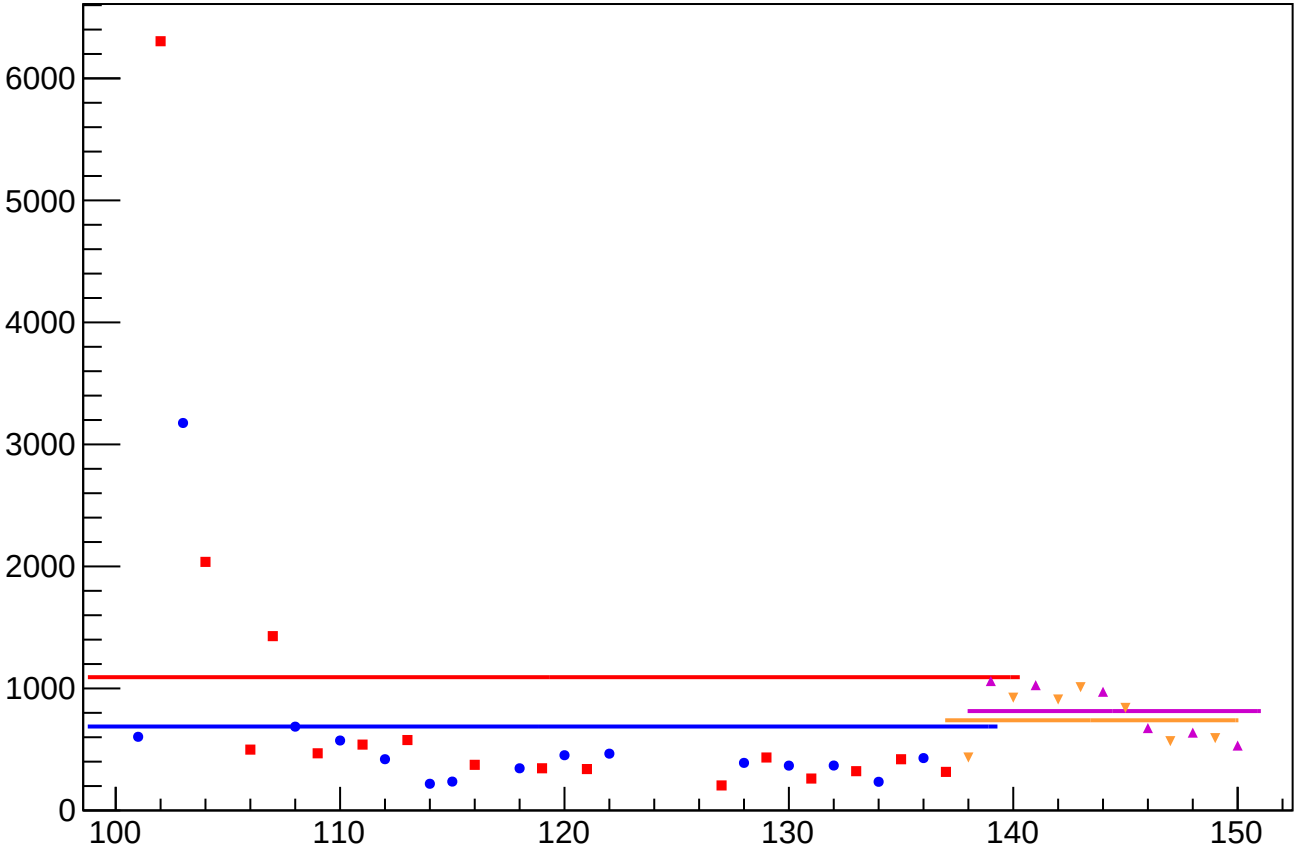
Left In: -18250.338+/-0.000 χ^2/NDF:1444108501123684501156482224034859188224.0/5

+ sign -10561.178+/-0.000 χ^2/NDF: 142024014984

All: -12330.061+/-0.000 χ^2/NDF: 180757778

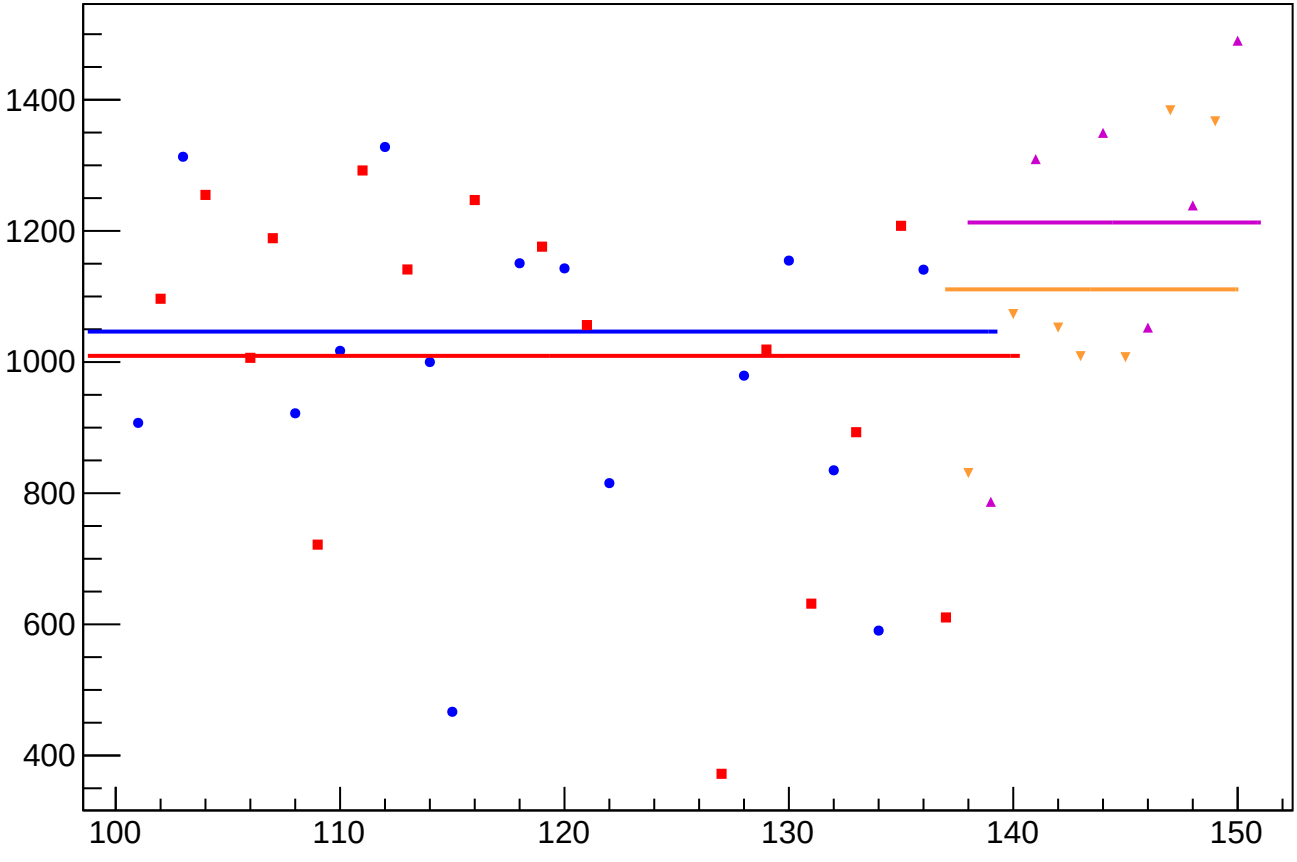
- sign -14076.459+/-0.000 χ^2/NDF: 3148965104520

dit_atl1_coil1_err_mean vs Slug



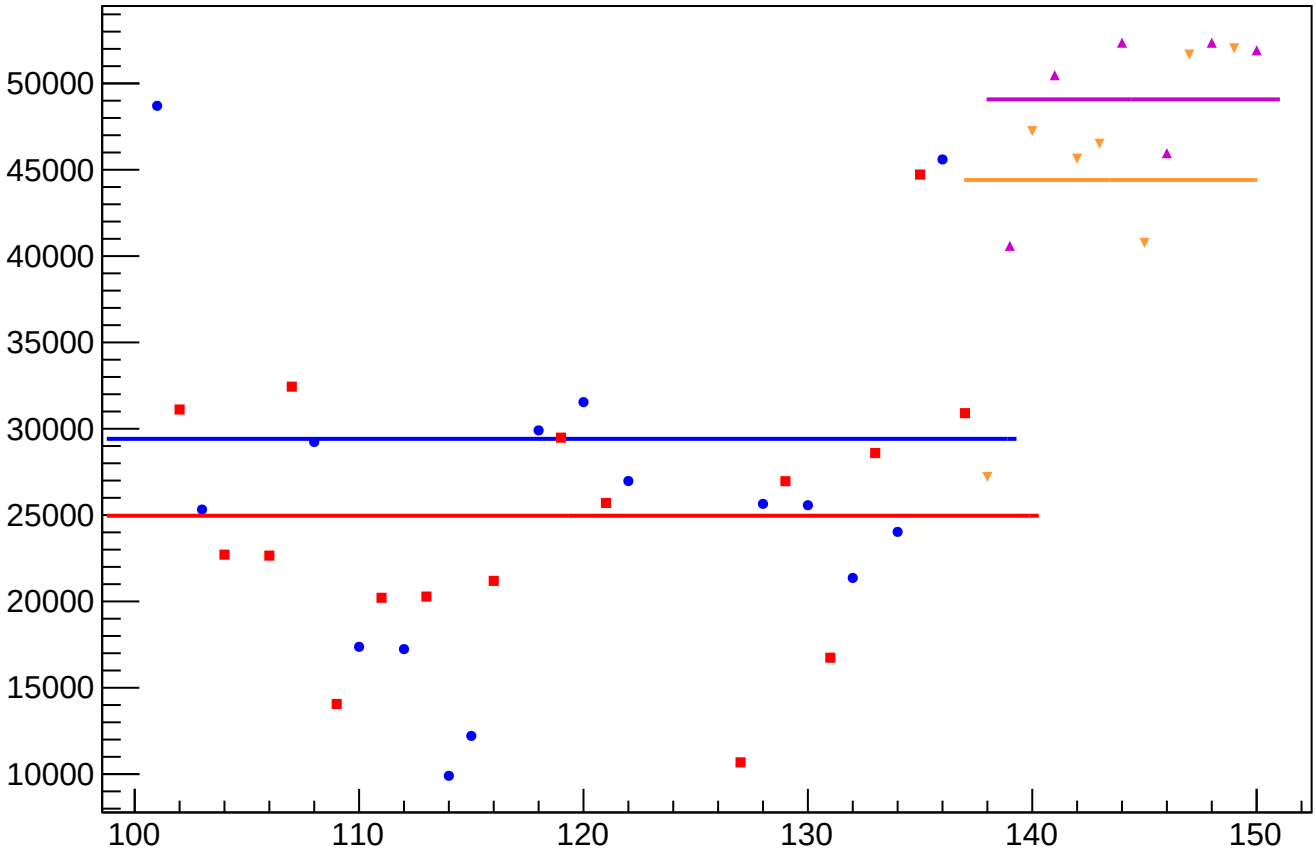
Right In: 687.939+/-0.000 χ^2/NDF: 409297141104301509817753390759024787456.0/14
+ sign 710.565+/-0.000 χ^2/NDF: 431296993173409
Left Out: 739.024+/-0.000 χ^2/NDF:212496822101850715953978536484289904 64.0/6
All: 841.864+/-0.000 χ^2/NDF: 239925950768
Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15
- sign 971.493+/-0.000 χ^2/NDF: 192805018261627
Left In: 814.467+/-0.000 χ^2/NDF:224741916085590156549801764039080017 92.0/5

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
All: 1086.508+/-0.000 χ^2/NDF: 1285896895
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285
Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Left Out: 44407.060+/-0.000 χ^2/NDF:3416427478936055448743042661491998615142 4.0/6

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

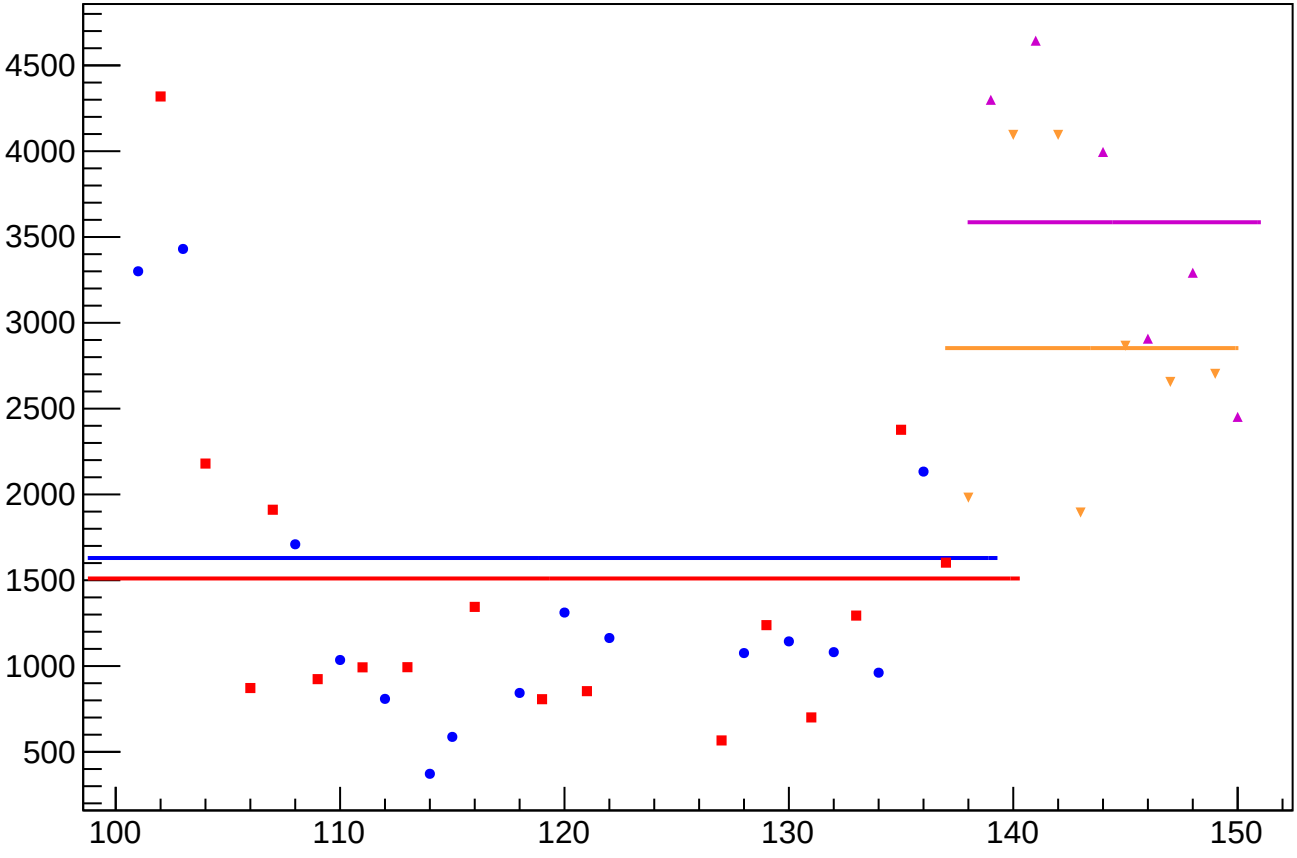
Left In: 49076.303+/-0.000 χ^2/NDF:9399089159287117788890320074502192496640.0/5

+ sign 36055.722+/-0.000 χ^2/NDF: 1705308282928

All: 35748.992+/-0.000 χ^2/NDF: 3943857747

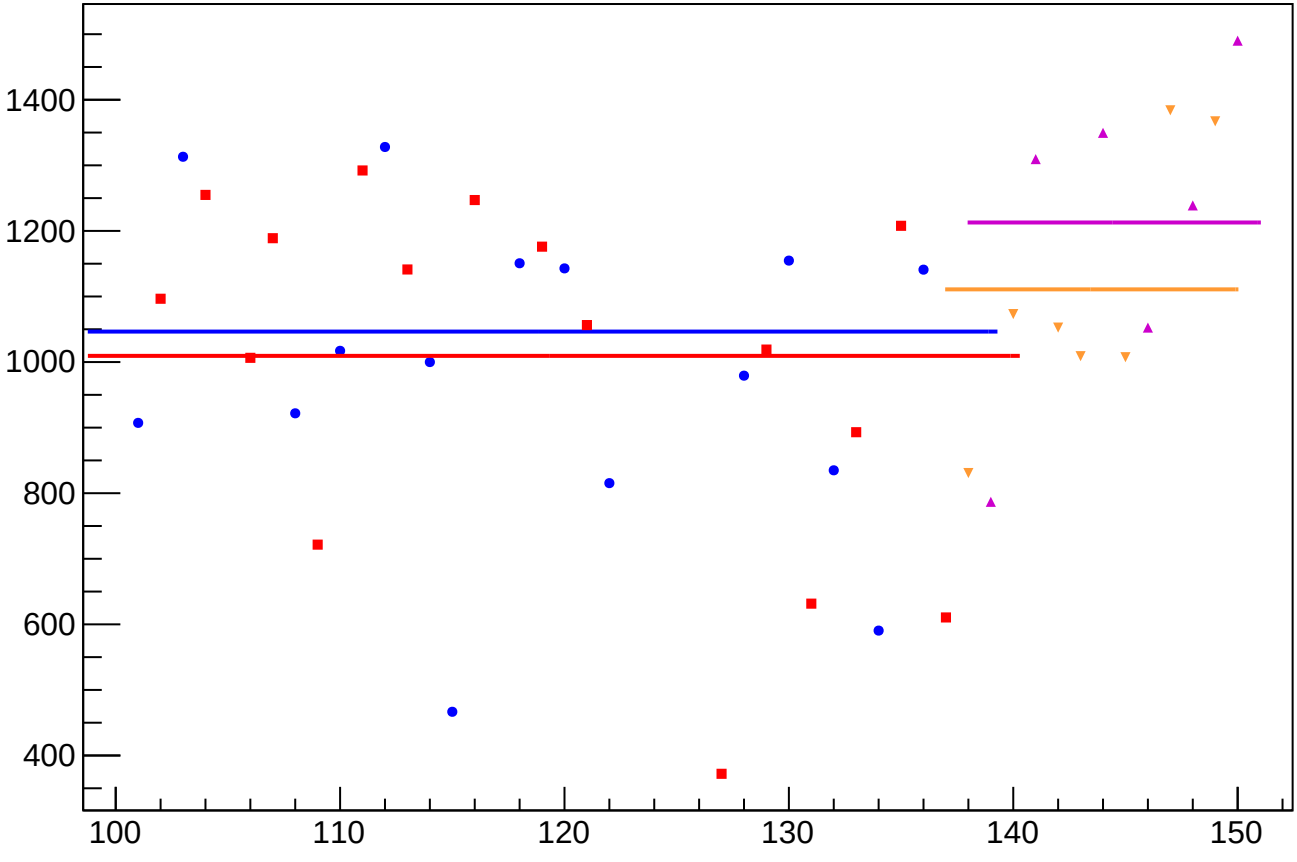
- sign 35446.162+/-0.000 χ^2/NDF: 2236371260418

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14
+ sign 2171.302+/-0.000 χ^2/NDF: 1305050452961 0
Left Out: 2852.702+/-0.000 χ^2/NDF:3232461813719185712791177115768675368 96.0/6
All: 2292.772+/-0.000 χ^2/NDF: 3590643299 9
Right Out: 1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15
- sign 2412.698+/-0.000 χ^2/NDF: 2251432130044 6
Left In: 3586.001+/-0.000 χ^2/NDF:3138222350753167423287587206737082449 92.0/5

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

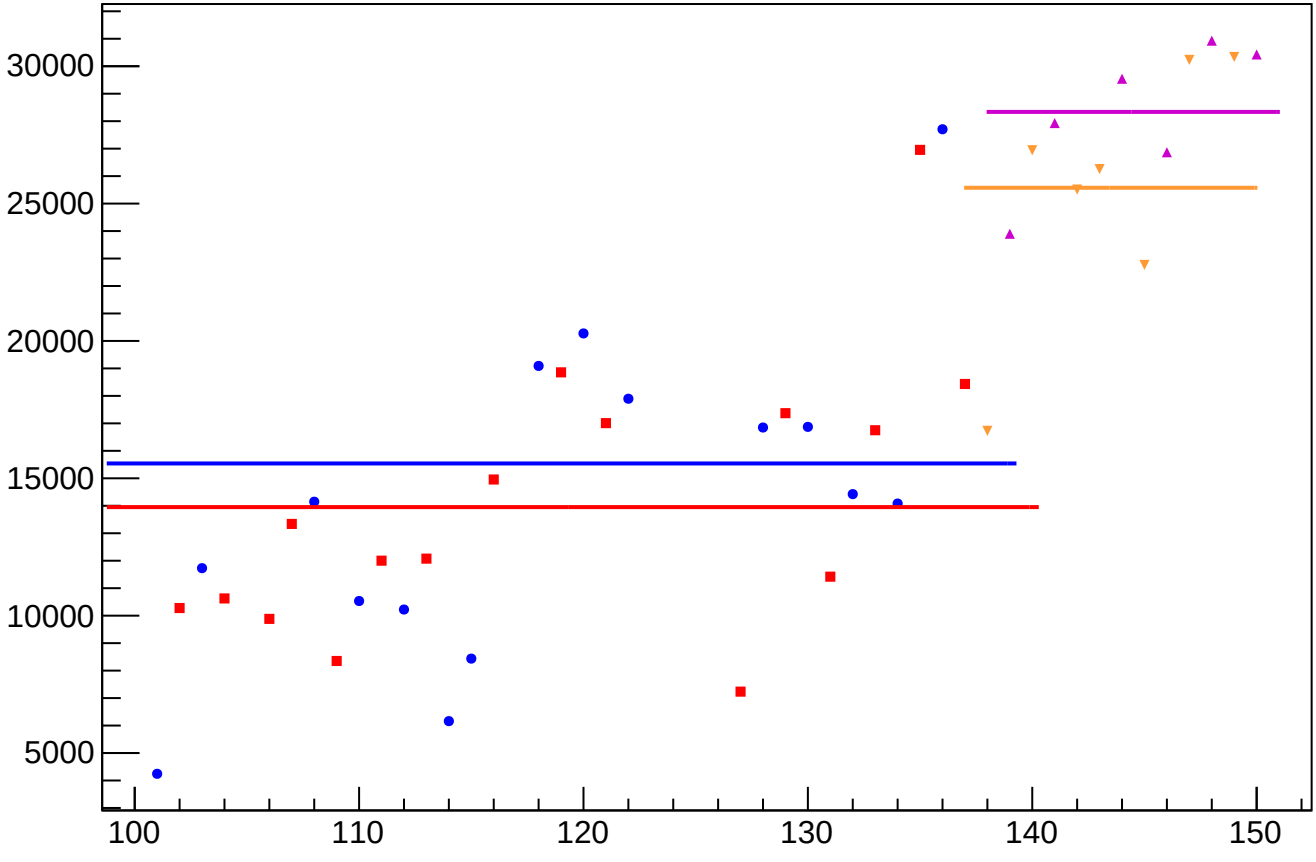
All: 1086.508+/-0.000 χ^2/NDF: 1285896895

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285

Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

Left Out: 25576.036+/-0.000 χ^2/NDF:1052307036694341533050953755324964457676 8.0/6

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

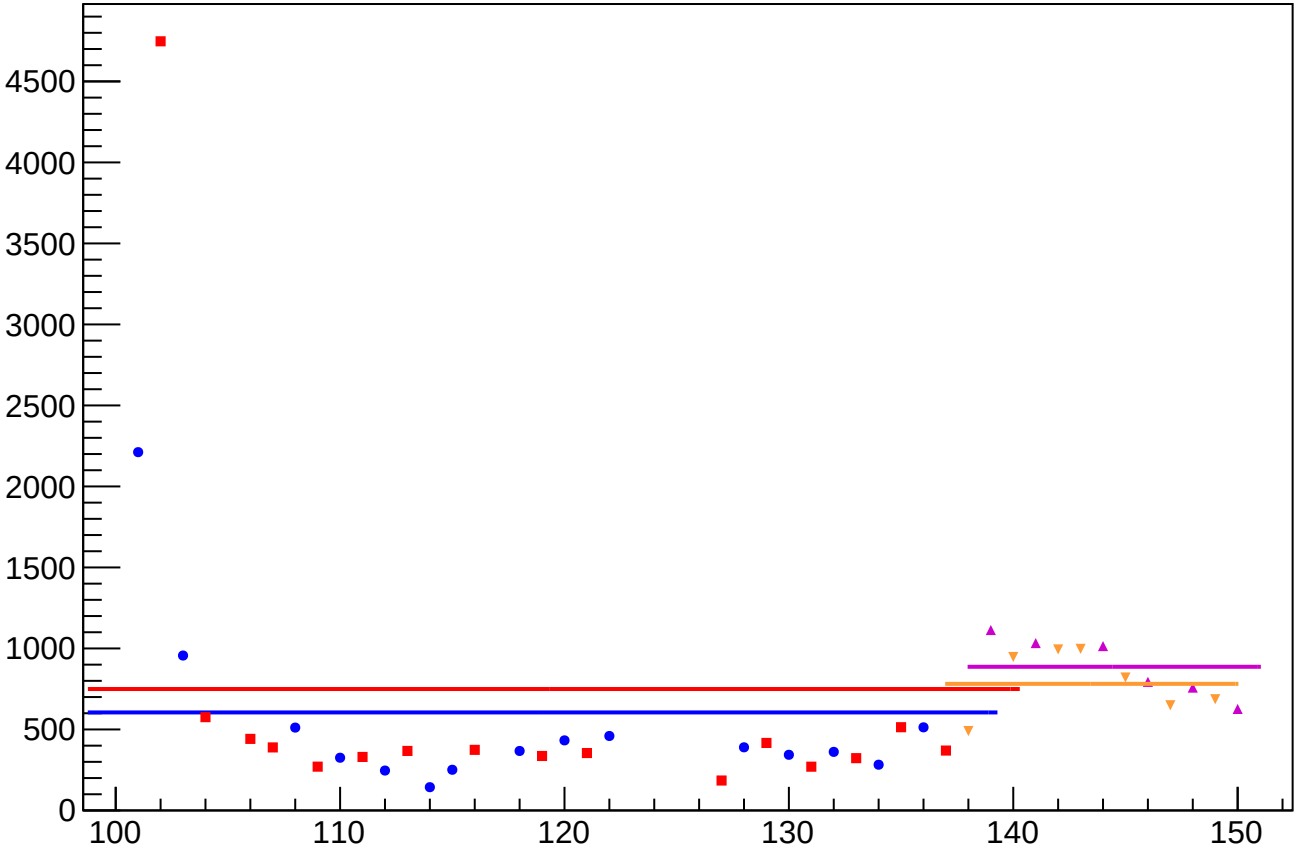
Left In: 28337.096+/-0.000 χ^2/NDF:2878886960924973103433964570313758867456.0/5

+ sign 19985.584+/-0.000 χ^2/NDF: 6685512397883

All: 20096.369+/-0.000 χ^2/NDF: 146723072 0

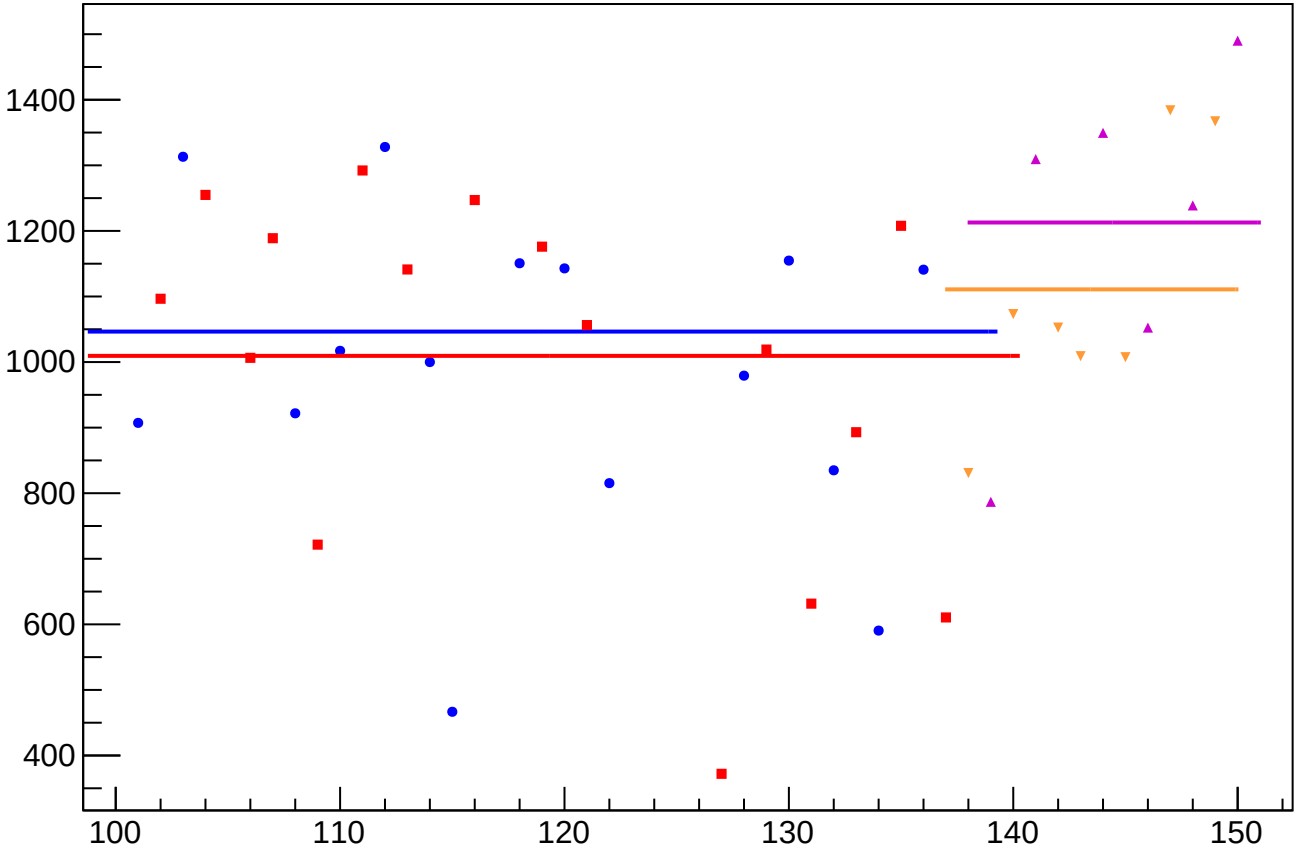
- sign 20205.746+/-0.000 χ^2/NDF: 7983953303685

dit_atr1_coil1_err_mean vs Slug



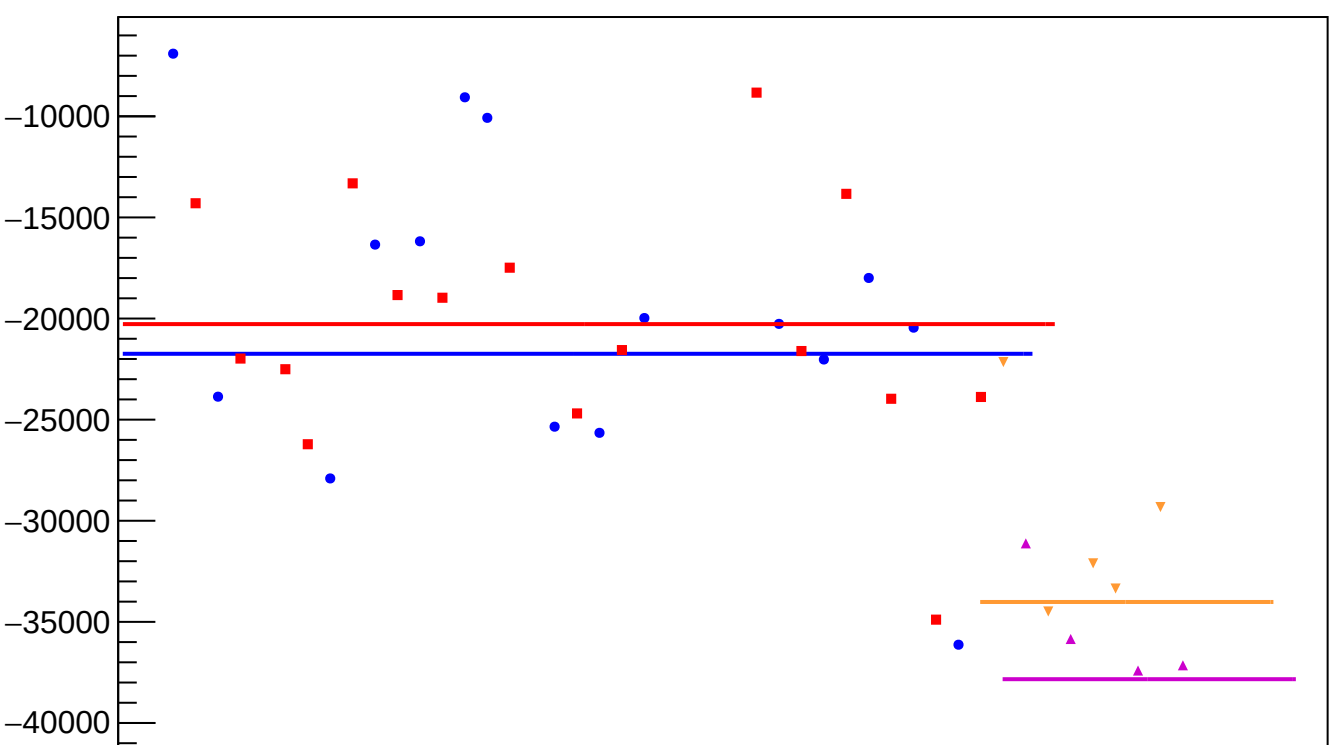
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
+ sign 683.198+/-0.000 χ^2/NDF: 2146731091502 80
Left Out: 781.509+/-0.000 χ^2/NDF:1631931546319792038071200361615248588 8.0/6
All: 746.624+/-0.000 χ^2/NDF: 1266518024 76
Right Out: 749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
- sign 809.244+/-0.000 χ^2/NDF: 1042531175047 04
Left In: 886.816+/-0.000 χ^2/NDF:1571127734738322621984619336434712576 0.0/5

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
All: 1086.508+/-0.000 χ^2/NDF: 1285896895
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285
Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF: 4110685882357952732519867567539879306854 4.0/14

Left Out: -34016.469+/-0.000 χ^2/NDF:2511763422365437785070075947401852485632 0.0/6

Right Out: -20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

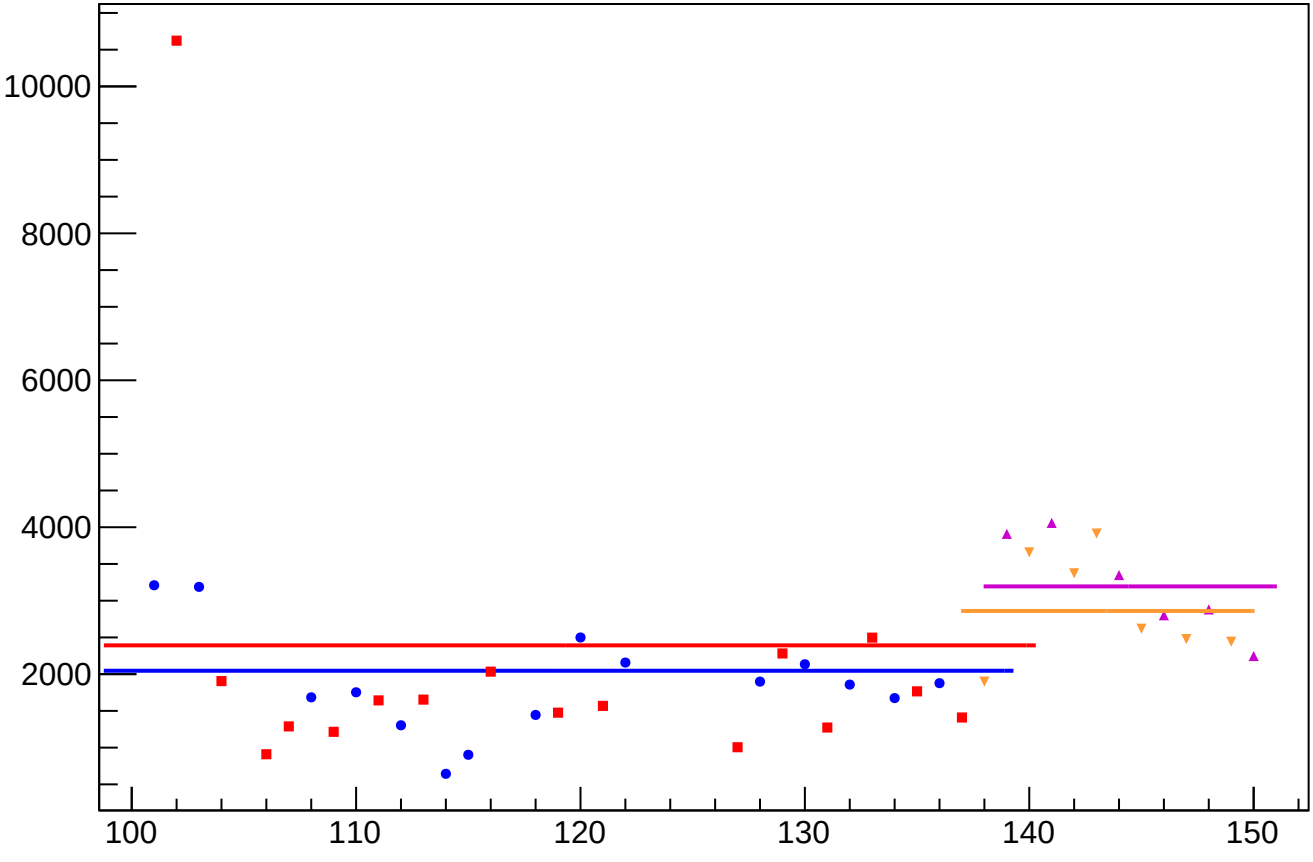
Left In: -37834.675+/-0.000 χ^2/NDF:7779291503188911187686940889344840302592.0/5

+ sign -27179.346+/-0.000 χ^2/NDF: 109523472452

All: -27546.622+/-0.000 χ^2/NDF: 232958358

- sign -27909.229+/-0.000 χ^2/NDF: 123122587160 8

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

+ sign 2406.824+/-0.000 χ^2/NDF: 6986163886355

Left Out: 2860.206+/-0.000 χ^2/NDF:2416641539537631275975605551072962150 40.0/6

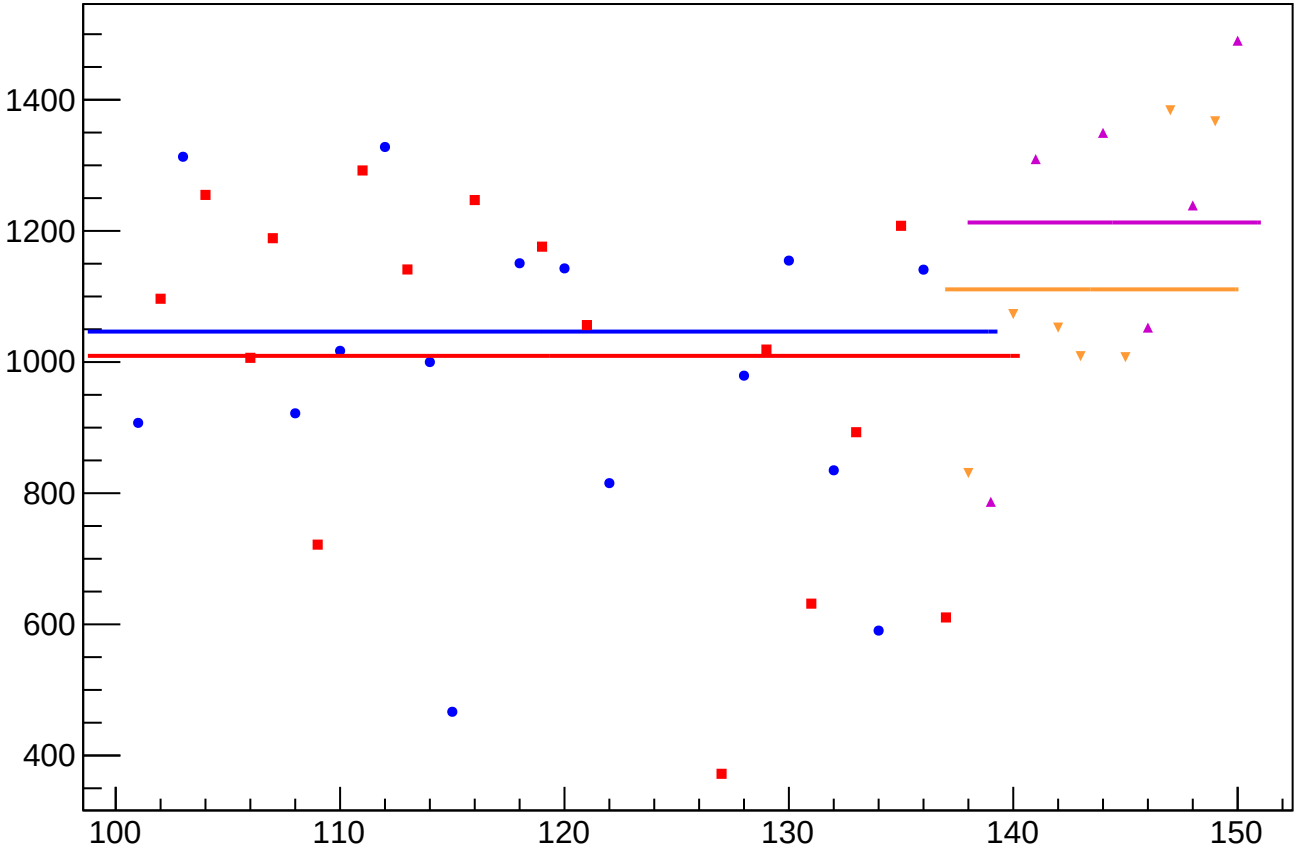
All: 2574.888+/-0.000 χ^2/NDF: 5575946368

Right Out: 2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15

- sign 2740.816+/-0.000 χ^2/NDF: 48119361508503

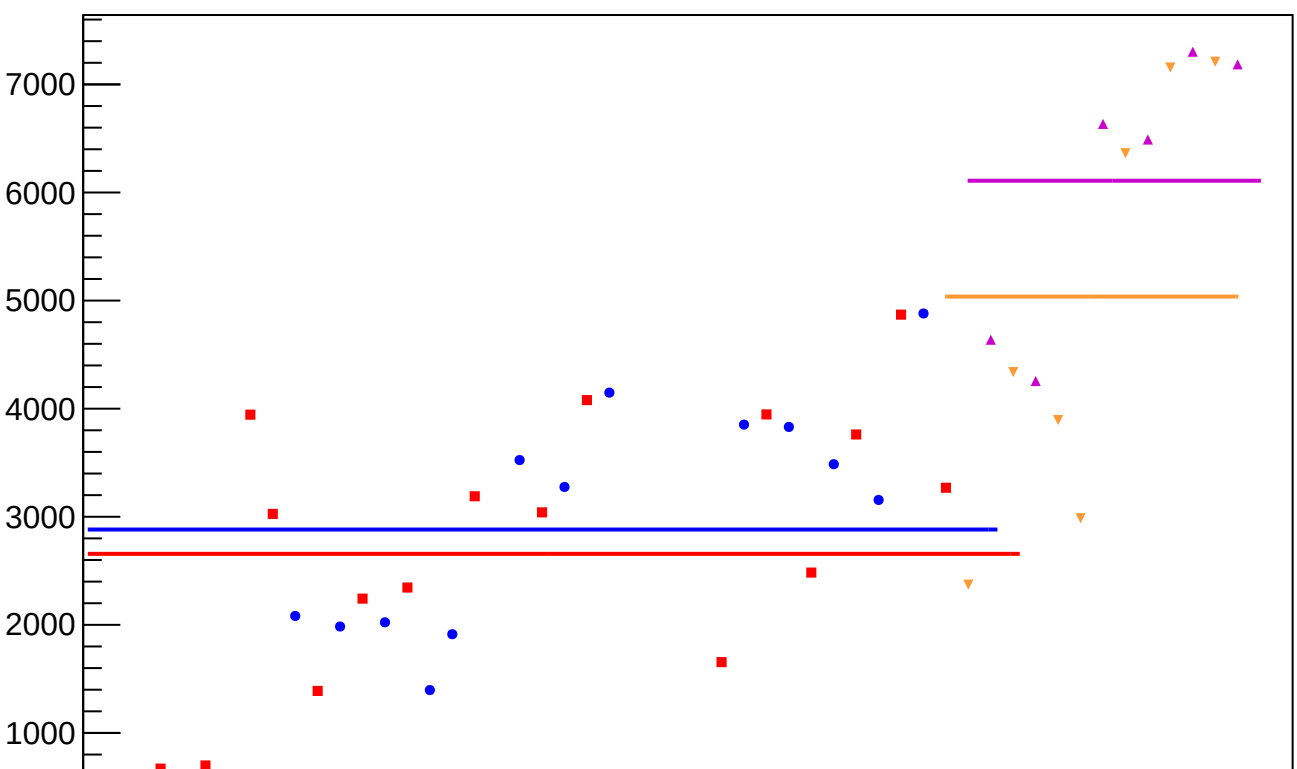
Left In: 3194.424+/-0.000 χ^2/NDF:2099022750362717736020530525455966535 68.0/5

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081 9
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
All: 1086.508+/-0.000 χ^2/NDF: 1285896895 7
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285
Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

+ sign 3836.604+/-0.000 χ^2/NDF: 4481141389146

Left Out: 5037.341+/-0.000 χ^2/NDF:1825375045937111594894475528495427485696.0/6

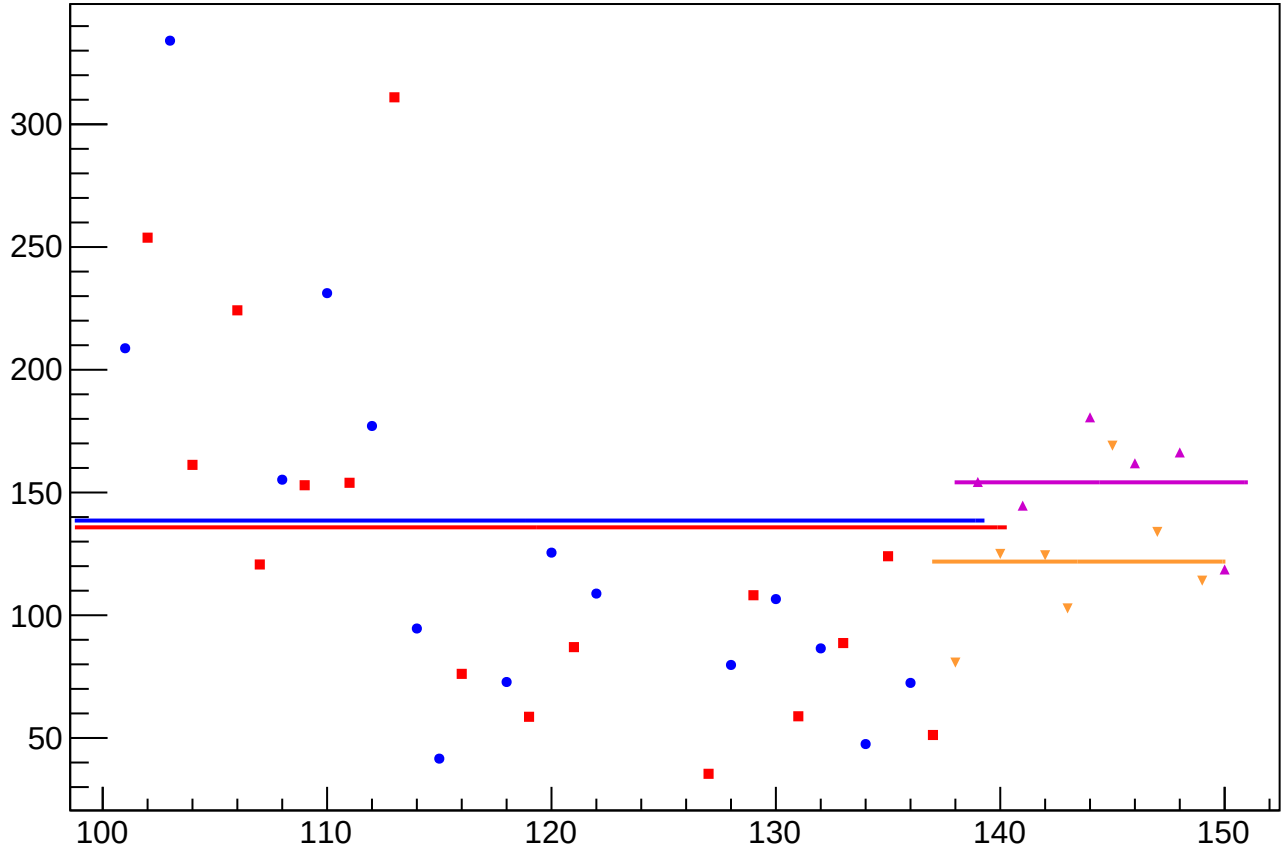
All: 3998.194+/-0.000 χ^2/NDF: 9804070876

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

- sign 4157.729+/-0.000 χ^2/NDF: 52624772571820

Left In: 6109.075+/-0.000 χ^2/NDF:7290313436045302475464785334309738250 24.0/5

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Left Out: 121.862+/-0.000 χ^2/NDF:3545943590511818919383426925802291 20.0/6

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736 43776.0/15

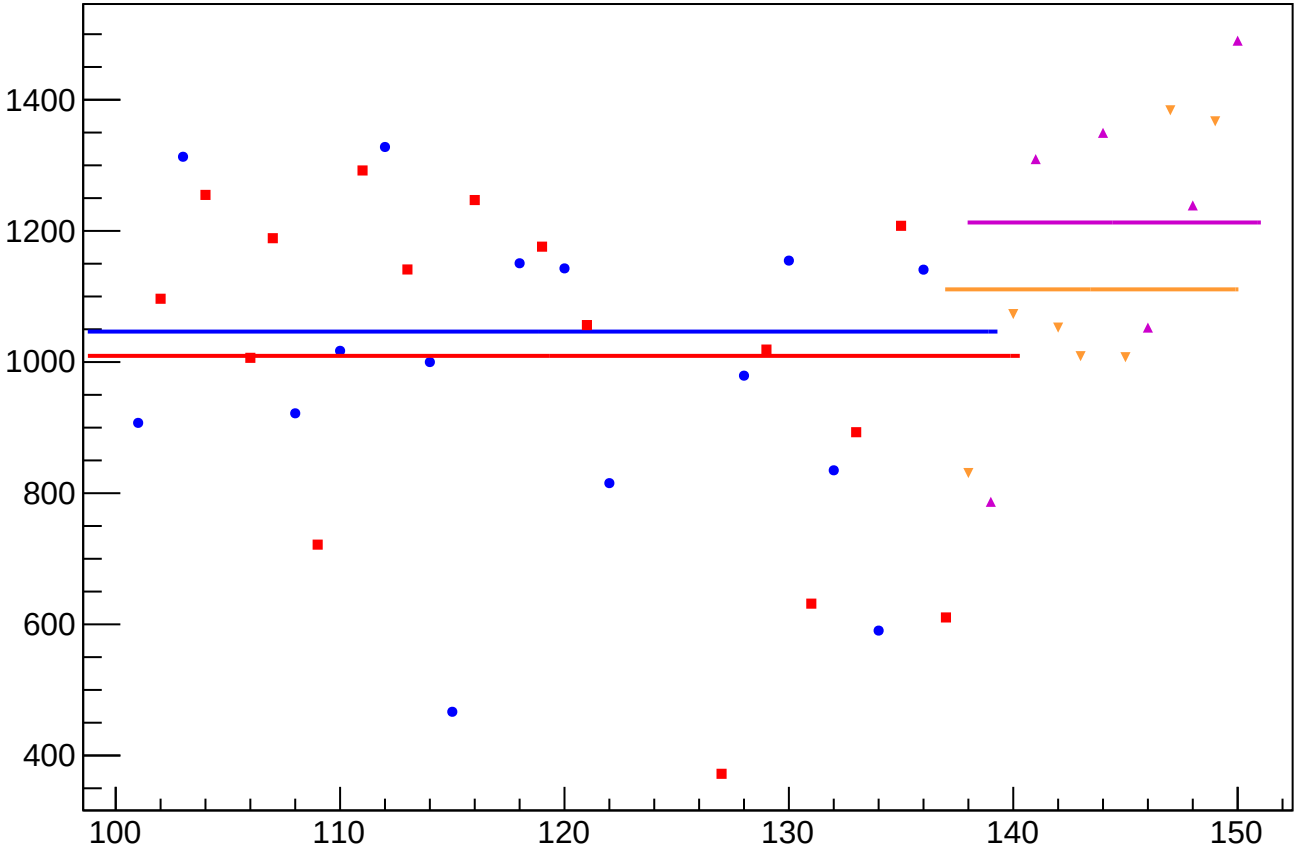
Left In: 154.148+/-0.000 χ^2/NDF:2021948373308790511650465294235729 92.0/5

+ sign 131.174+/-0.000 χ^2/NDF: 467728127153125

All: 137.518+/-0.000 χ^2/NDF: 902659360353

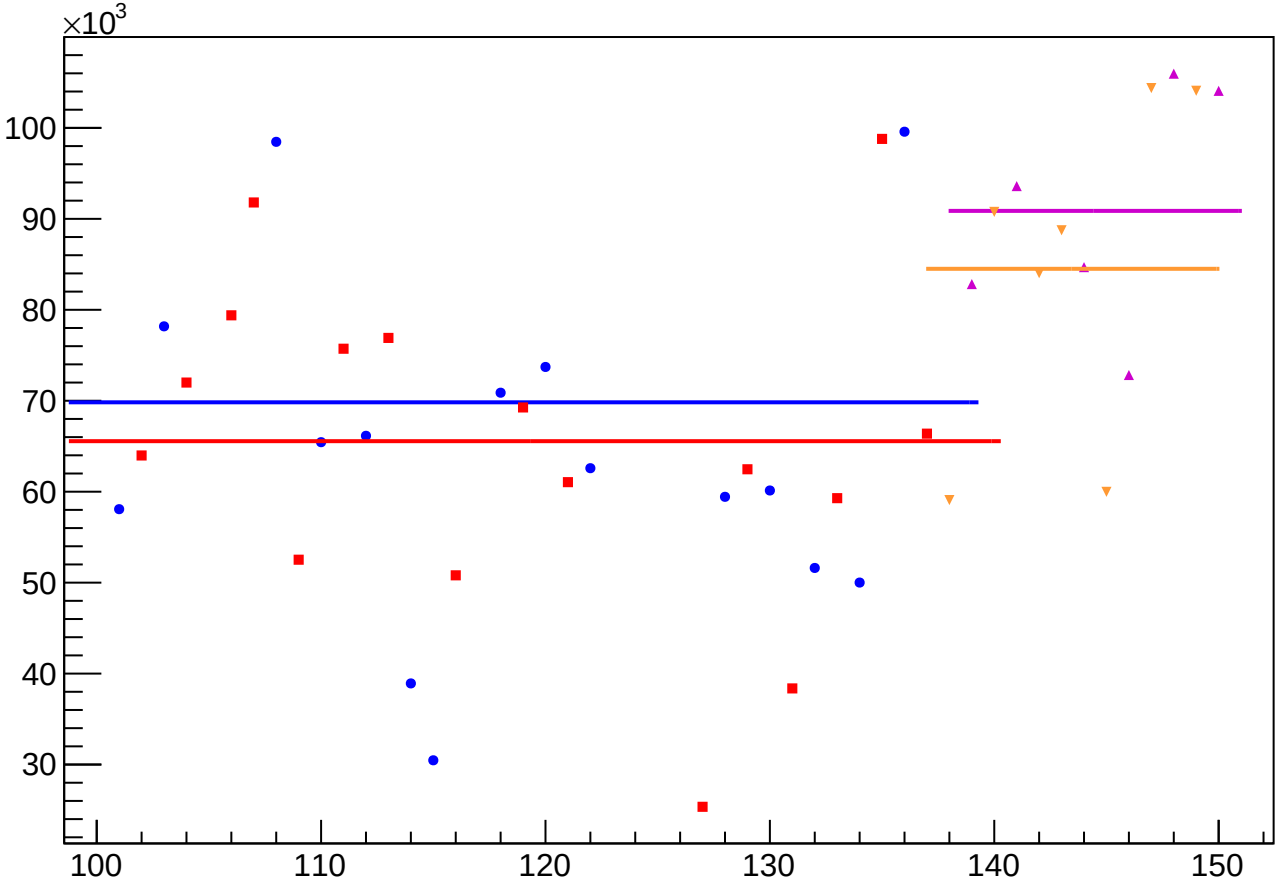
- sign 143.782+/-0.000 χ^2/NDF: 425612432584169

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081 9
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
All: 1086.508+/-0.000 χ^2/NDF: 1285896895 7
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285
Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

+ sign 76329.465+/-0.000 χ^2/NDF: 4163095957858

Left Out: 84506.950+/-0.000 χ^2/NDF:1665664165218675917893116339296818524323 84.0/6

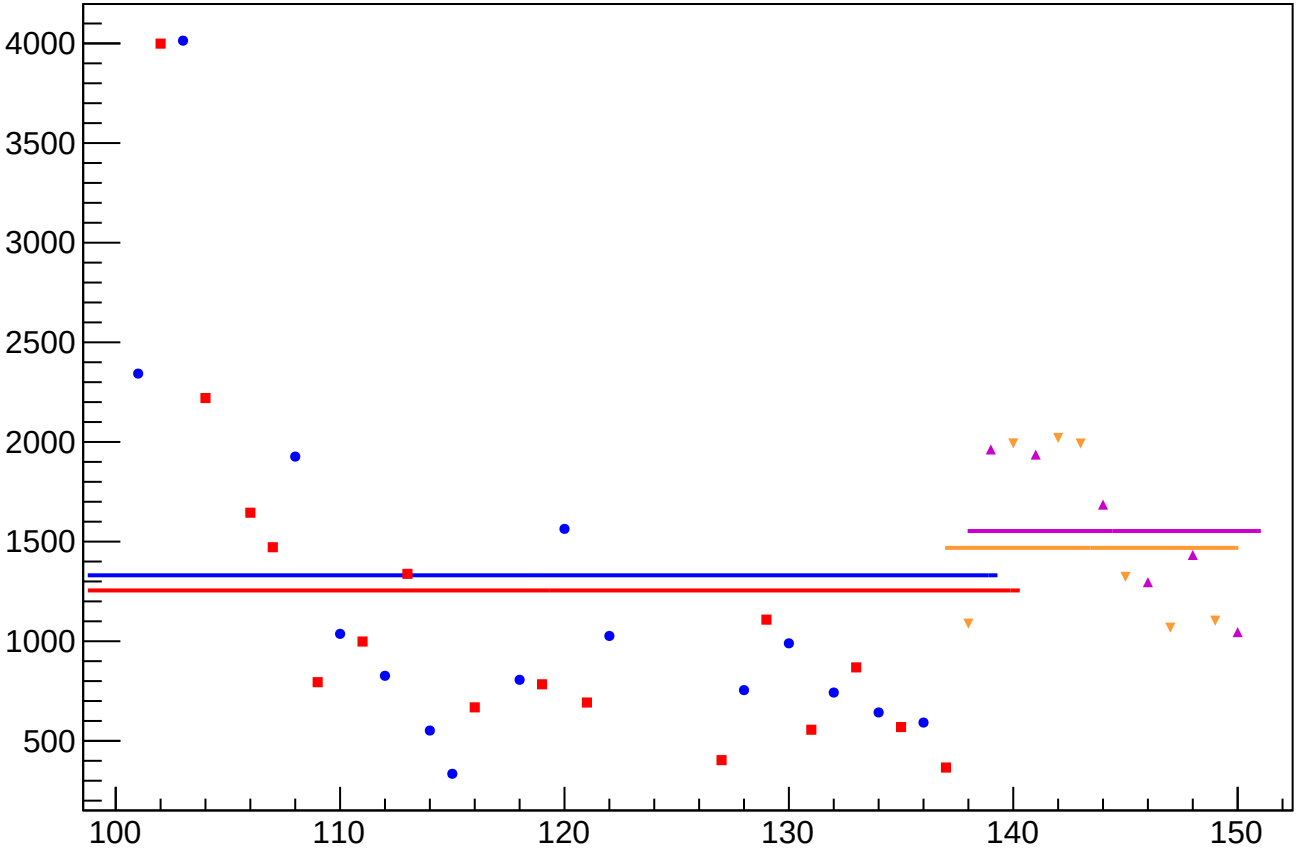
All: 76447.089+/-0.000 χ^2/NDF: 8855401031

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416734 72.0/15

- sign 76563.217+/-0.000 χ^2/NDF: 4691984759745

Left Out: 90875.853+/-0.000 χ^2/NDF:7128270333406839124103134244580039327744 0.0/5

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14

Left Out: 1468.628+/-0.000 χ^2/NDF:9160103405954889494947562897513067 3152.0/6

Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15

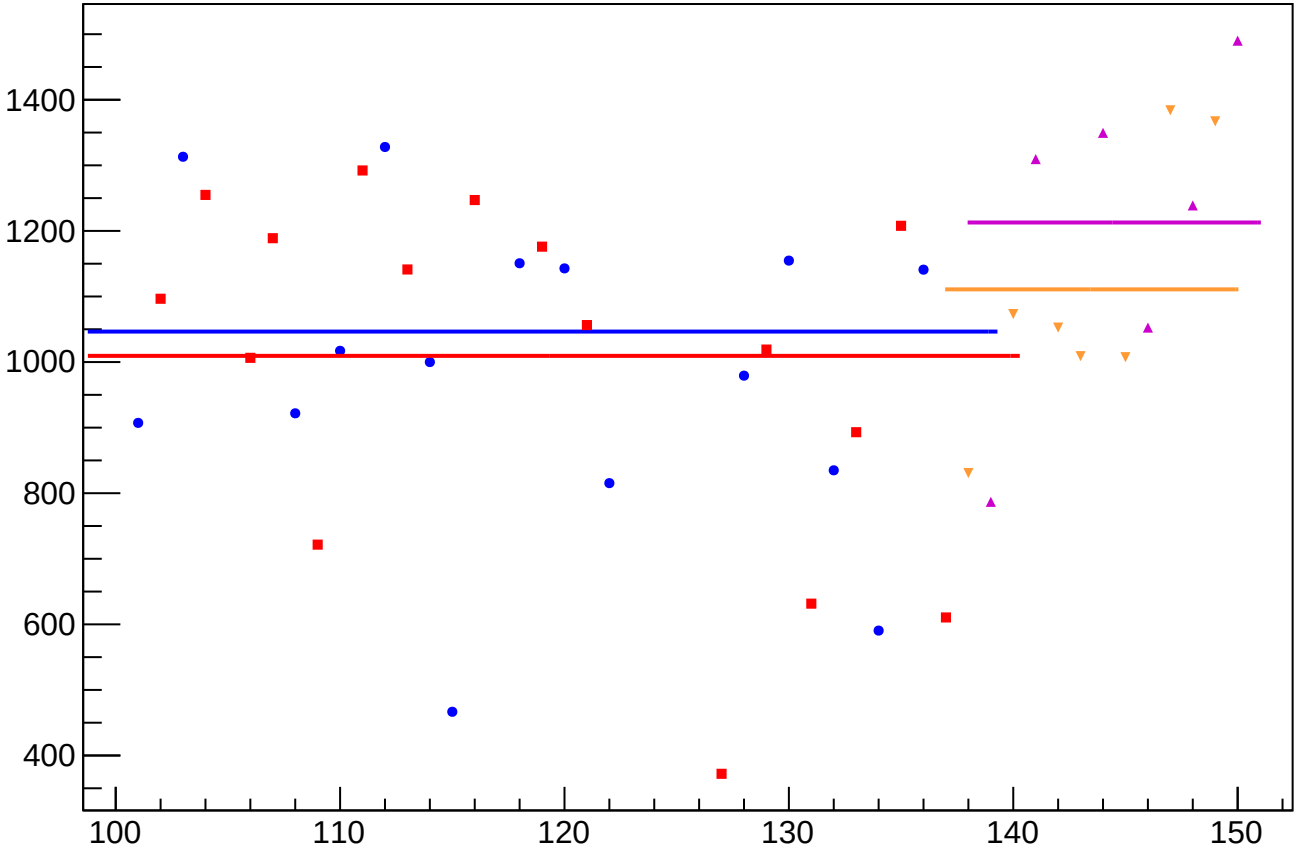
Left In: 1553.141+/-0.000 χ^2/NDF:5774936068618006897496226331547087 6672.0/5

+ sign 1391.933+/-0.000 χ^2/NDF: 7465305401093 4

All: 1388.214+/-0.000 χ^2/NDF: 1462249603 8

- sign 1384.543+/-0.000 χ^2/NDF: 7156870436874 4

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

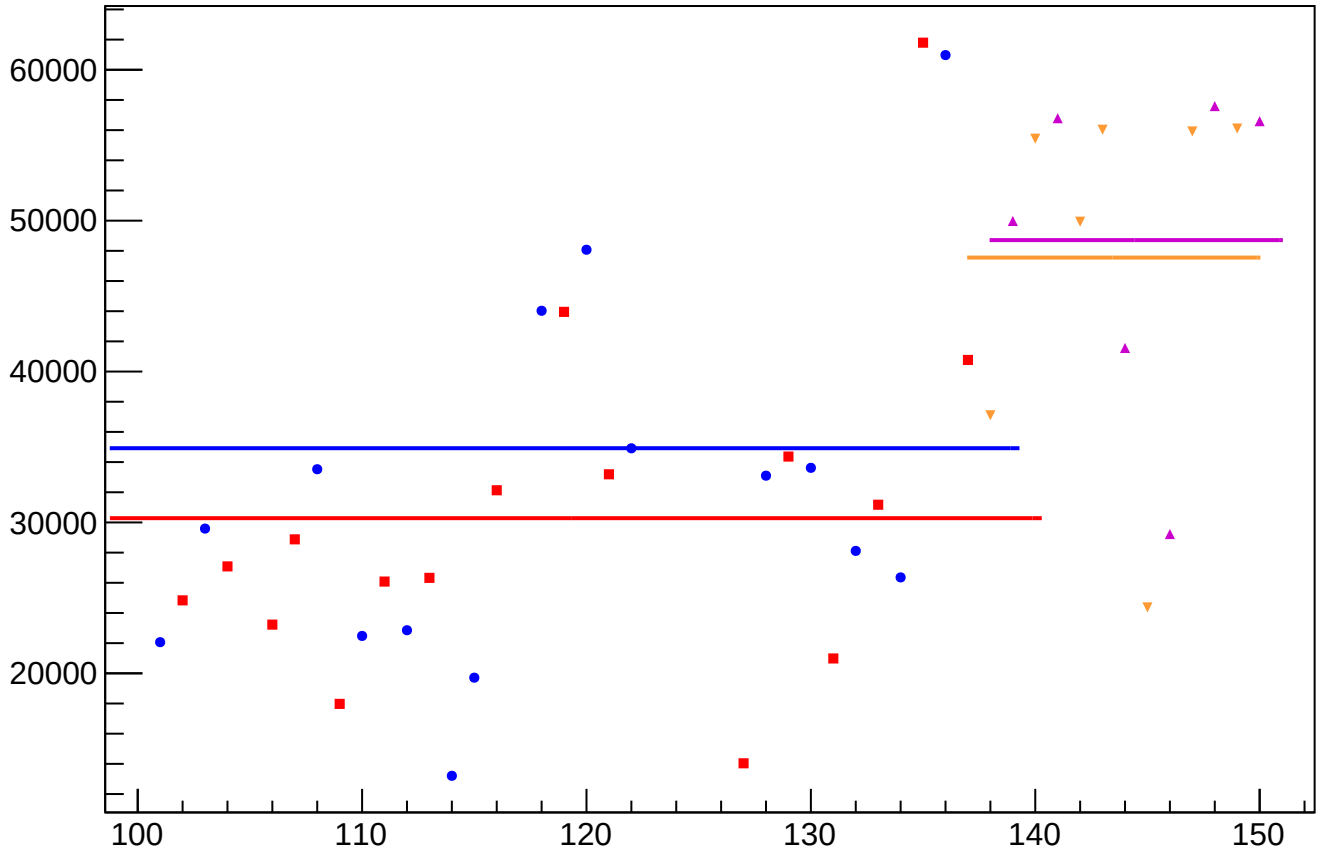
Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081 9

All: 1086.508+/-0.000 χ^2/NDF: 1285896895 7

- sign 1097.871+/-0.000 χ^2/NDF: 8293870285628 5

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

+ sign 40515.576+/-0.000 χ^2/NDF: 226090428941 9

Left Out: 47553.780+/-0.000 χ^2/NDF:7381974105458016253042456665793117 9720704.0/6

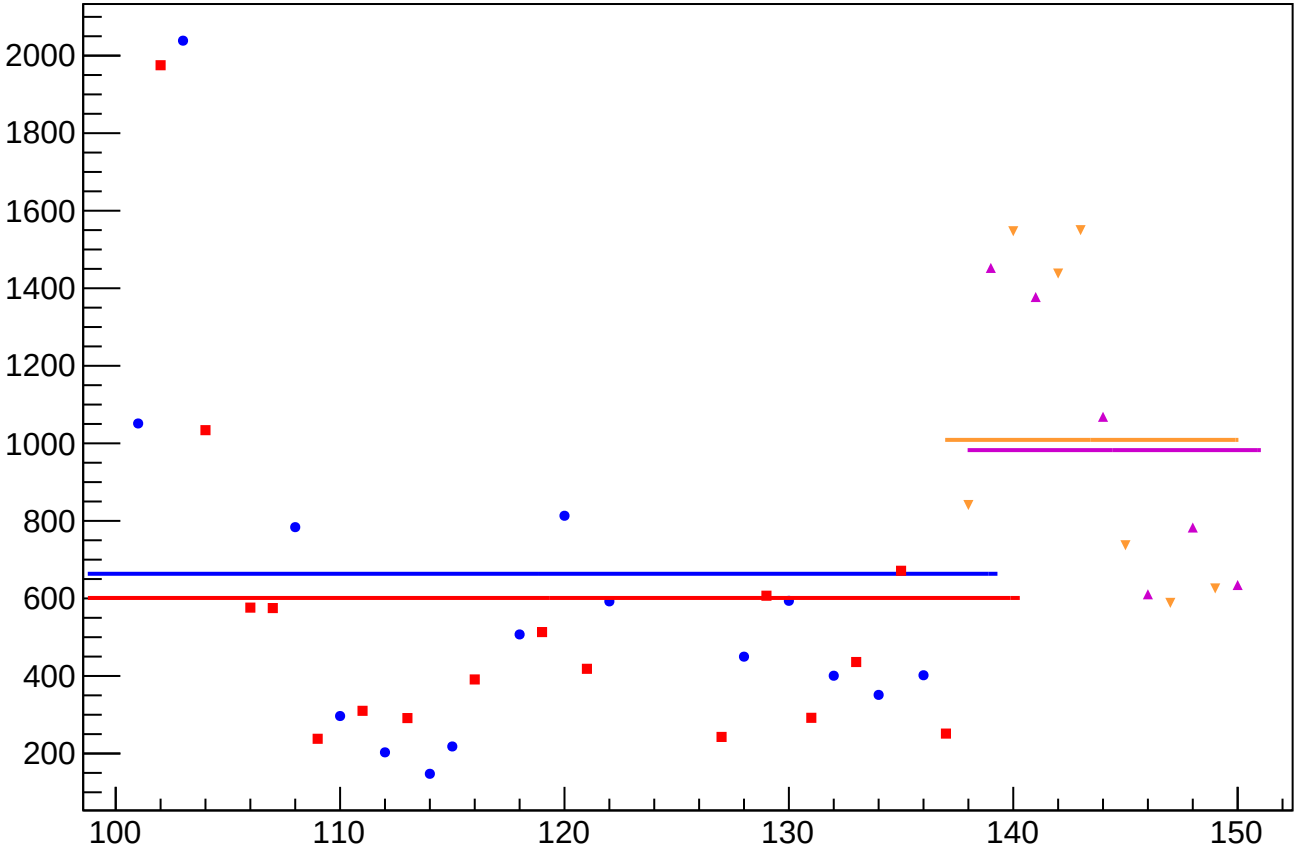
All: 39397.783+/-0.000 χ^2/NDF: 469808326 3

Right Out: 30282.373+/-0.000 χ^2/NDF: 883461652665931266275989516935060 73067520.0/15

- sign 38294.200+/-0.000 χ^2/NDF: 2408251573436

Left In: 48711.135+/-0.000 χ^2/NDF:5399774828581544996028495806516158686 8224.0/5

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14

Left Out: 1008.934+/-0.000 χ^2/NDF:8611486118770146210280294196683420 4672.0/6

Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318 78144.0/15

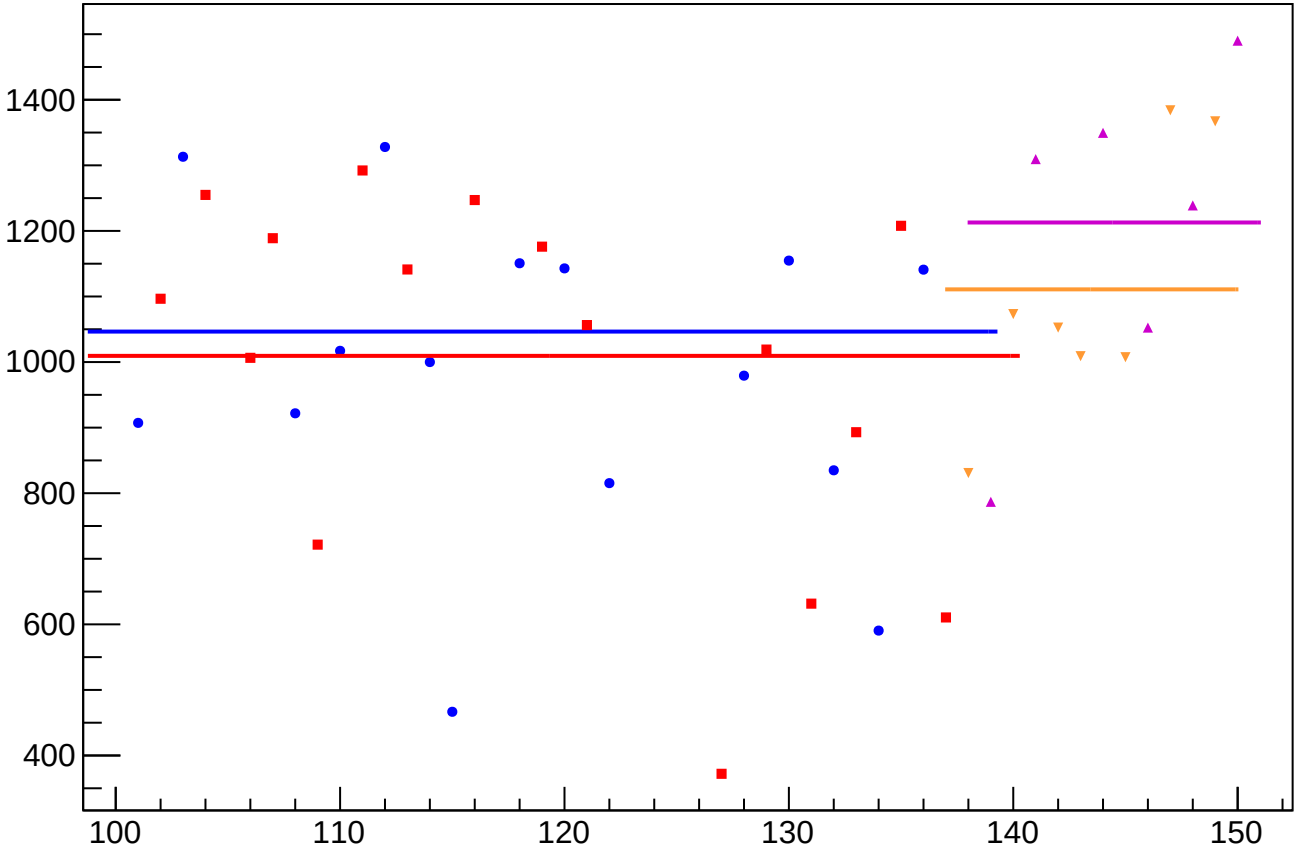
Left In: 982.535+/-0.000 χ^2/NDF:5764025778545070797721209437427440 0256.0/5

+ sign 816.540+/-0.000 χ^2/NDF: 2780923435984 20

All: 791.608+/-0.000 χ^2/NDF: 5290531533 45

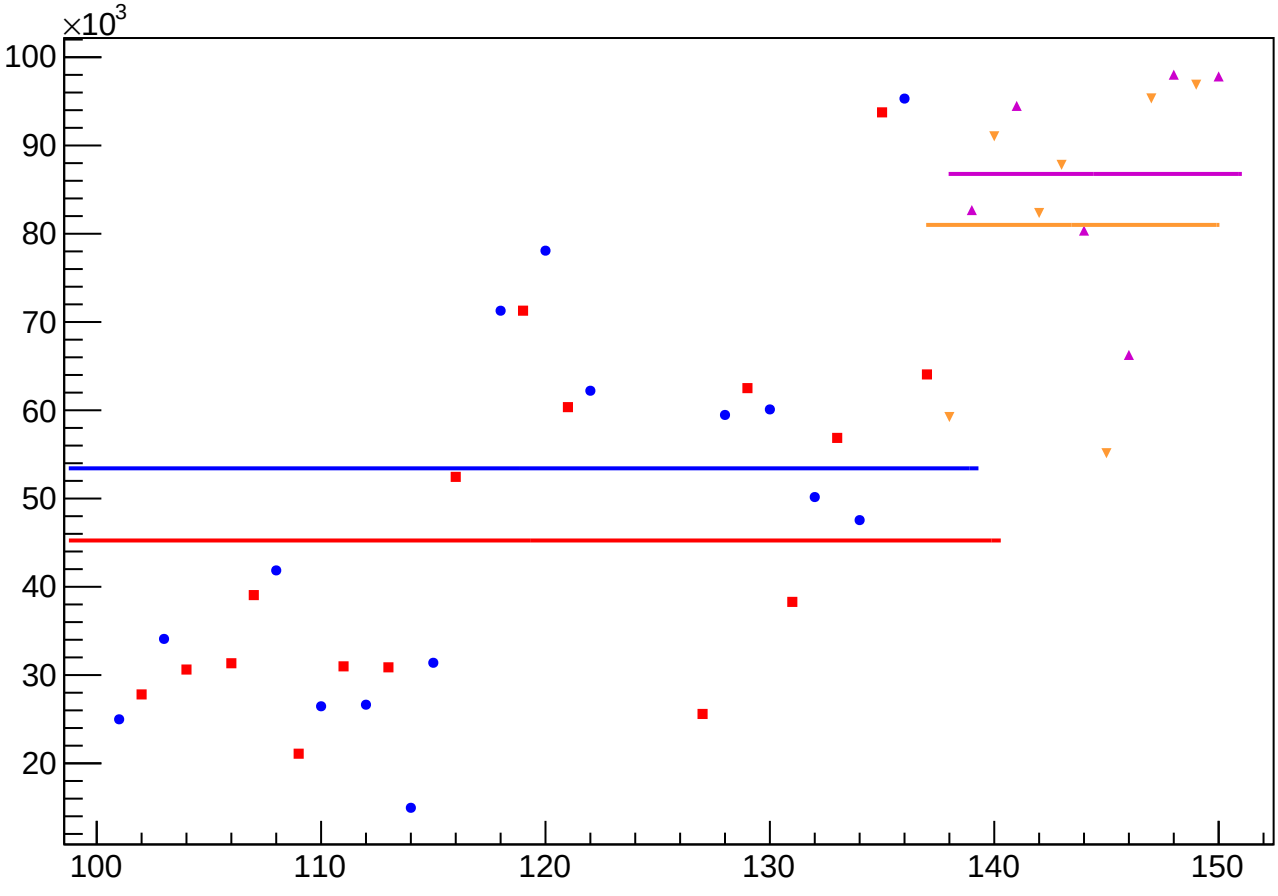
- sign 766.993+/-0.000 χ^2/NDF: 2495216684819 65

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
All: 1086.508+/-0.000 χ^2/NDF: 1285896895
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285
Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF: 3606357573151338001337511231677773465518 08.0/14

Left Out: 81002.237+/-0.000 χ^2/NDF:1398100581329683300496506823604105138667 52.0/6

Right Out: 45247.617+/-0.000 χ^2/NDF: 2860601964880344302157846133740555479285 76.0/15

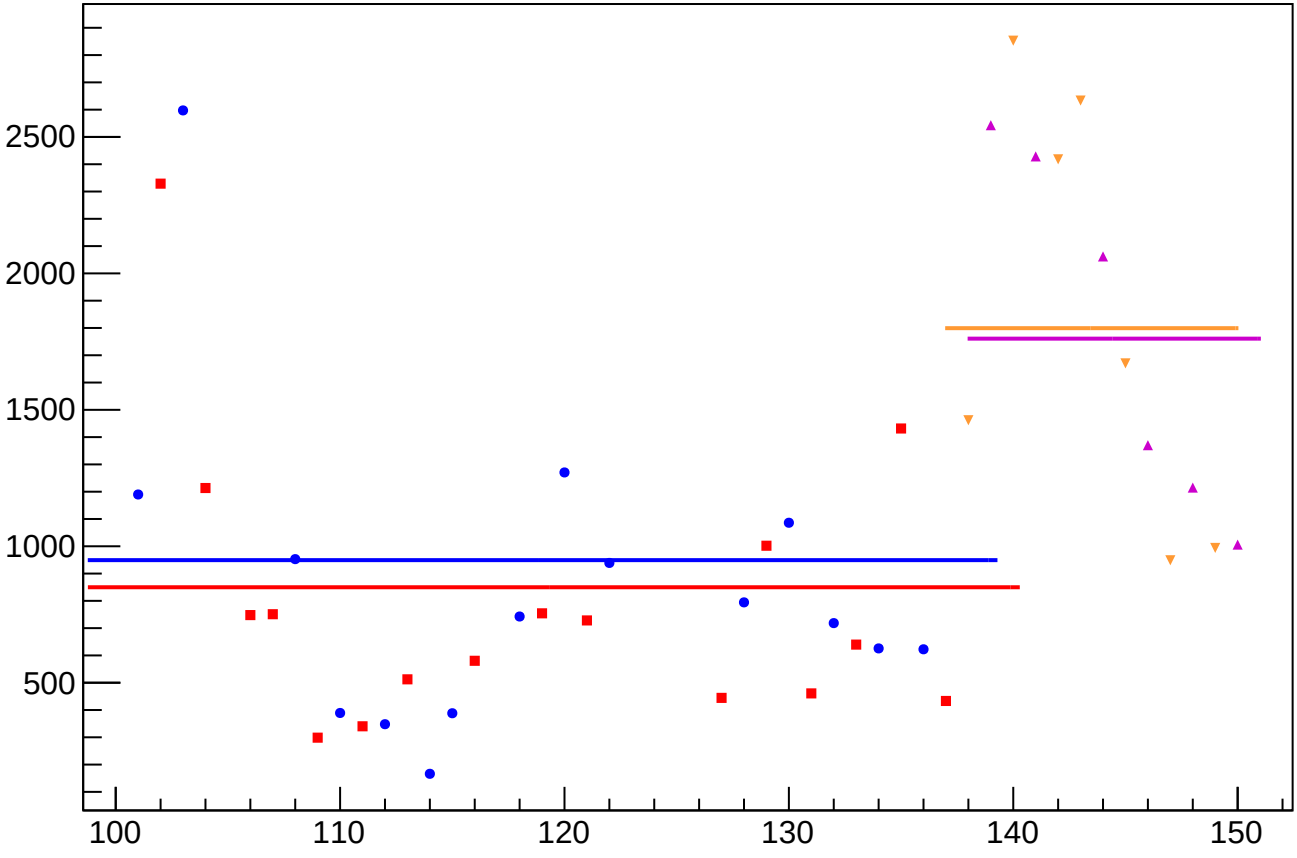
Left In: 86777.679+/-0.000 χ^2/NDF:6670206222303880790144150773976972184780 8.0/5

+ sign 65638.047+/-0.000 χ^2/NDF: 7190961870783

All: 64462.872+/-0.000 χ^2/NDF: 157518977 9

- sign 63302.636+/-0.000 χ^2/NDF: 8528962292419

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

+ sign 1325.695+/-0.000 χ^2/NDF: 7097658369583 8

Left Out: 1799.237+/-0.000 χ^2/NDF:2763697398549681981221180344998465372 16.0/6

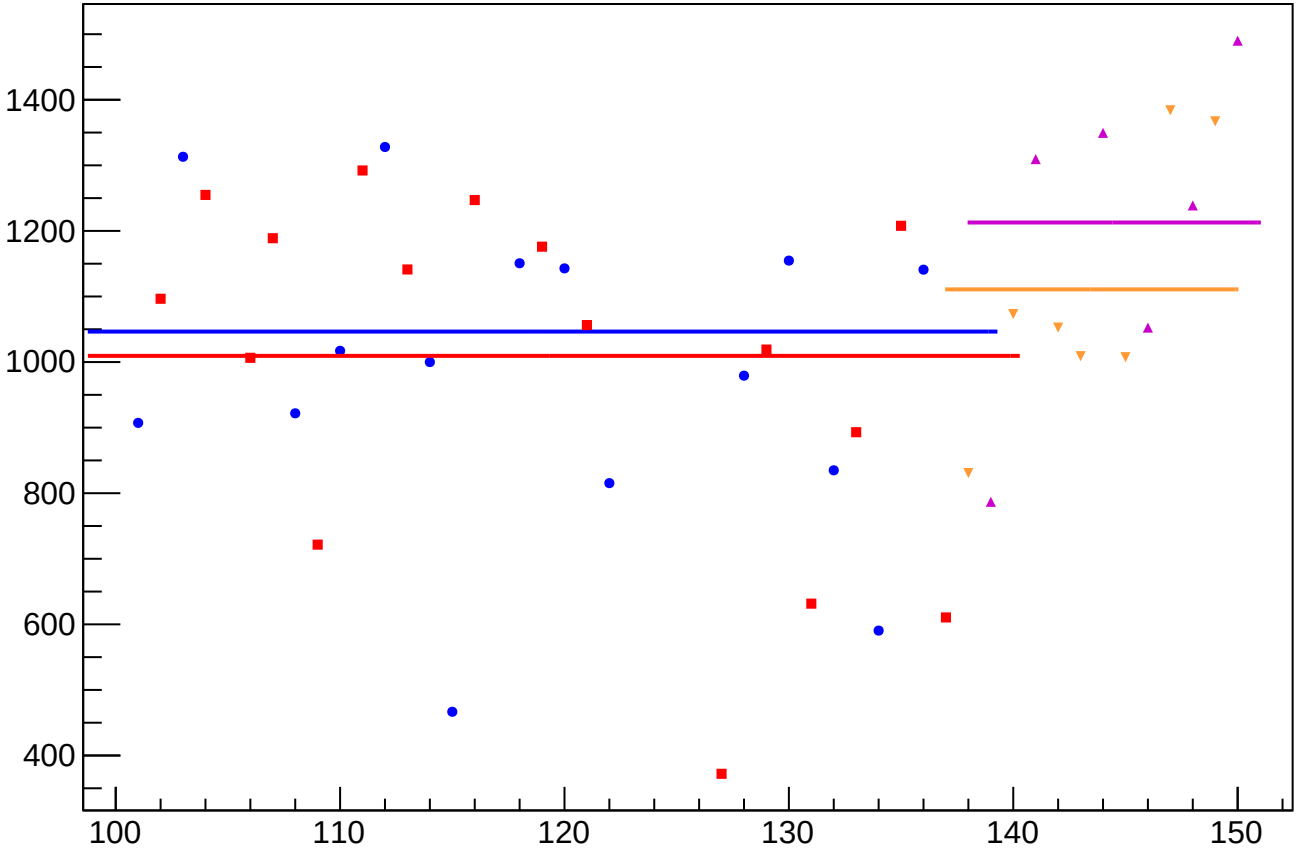
All: 1285.544+/-0.000 χ^2/NDF: 1343850059 5

Right Out: 849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

- sign 1245.903+/-0.000 χ^2/NDF: 6303518382672 6

Left Out: 1760.880+/-0.000 χ^2/NDF:1850448389804601198168338202995447562 24.0/5

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

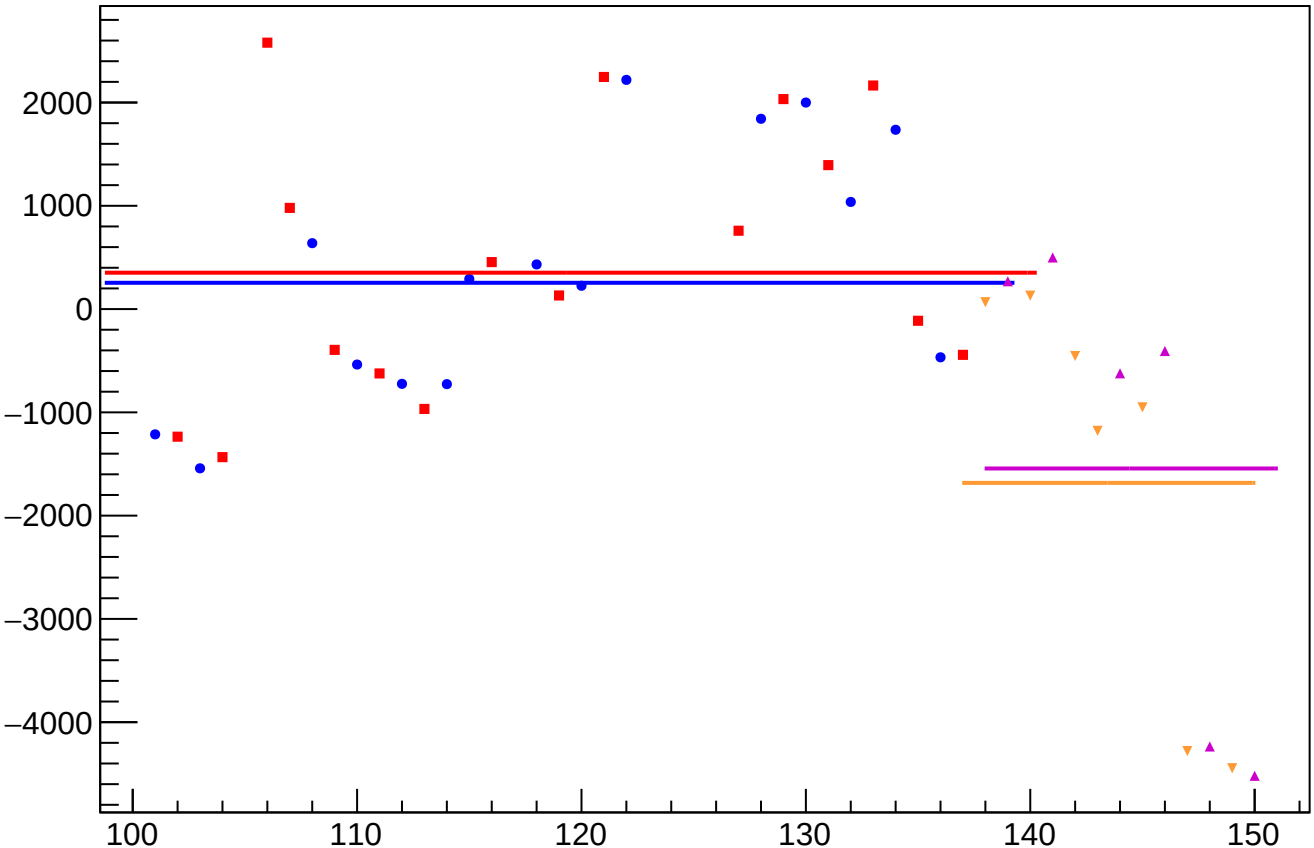
All: 1086.508+/-0.000 χ^2/NDF: 1285896895

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285

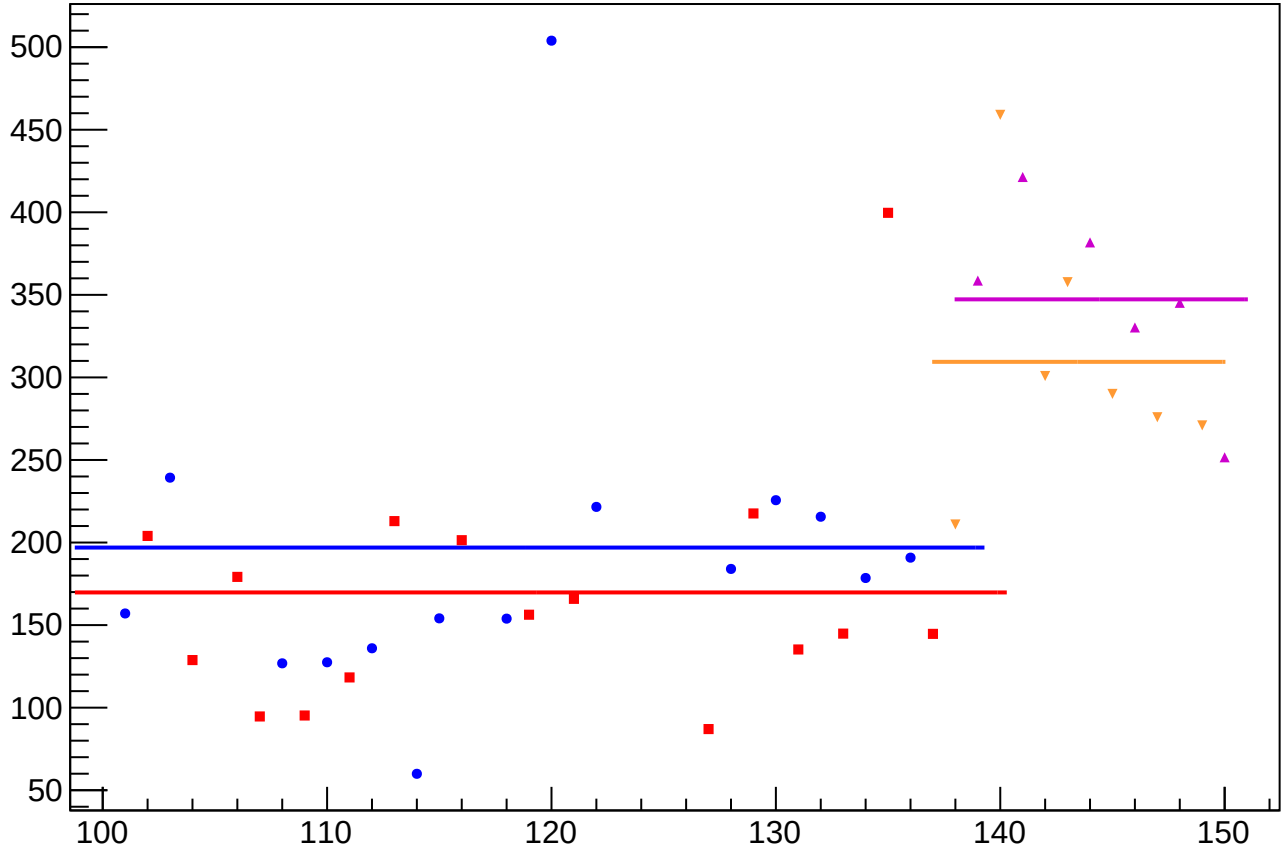
Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign -603.494+/-0.000 χ^2/NDF: 38623770728632
Left Out: -1682.736+/-0.000 χ^2/NDF:1805105865397043421470728389042060132352.0/6
All: -537.256+/-0.000 χ^2/NDF: 82338494305
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign -471.861+/-0.000 χ^2/NDF: 436131461774661
Left In: -1543.440+/-0.000 χ^2/NDF:2218369789935830982782768686506654564352.0/5

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 309.431+/-0.000 χ^2/NDF:299370018131801551849426478586186956 8.0/6

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

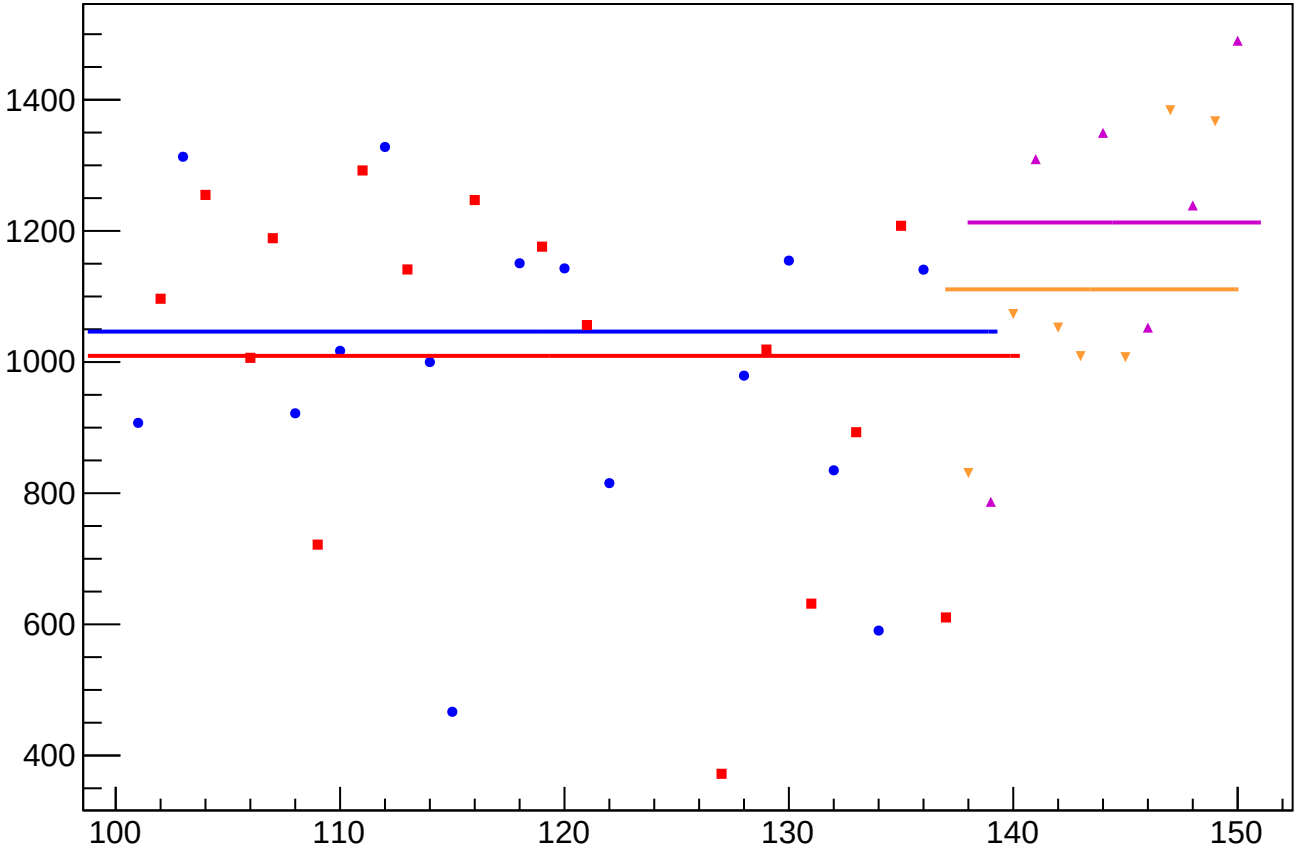
Left In: 347.272+/-0.000 χ^2/NDF:144009147637182140126273585995264819 2.0/5

+ sign 246.773+/-0.000 χ^2/NDF: 111154426754918

All: 246.858+/-0.000 χ^2/NDF: 25583555161 8

- sign 246.943+/-0.000 χ^2/NDF: 144680955389776

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

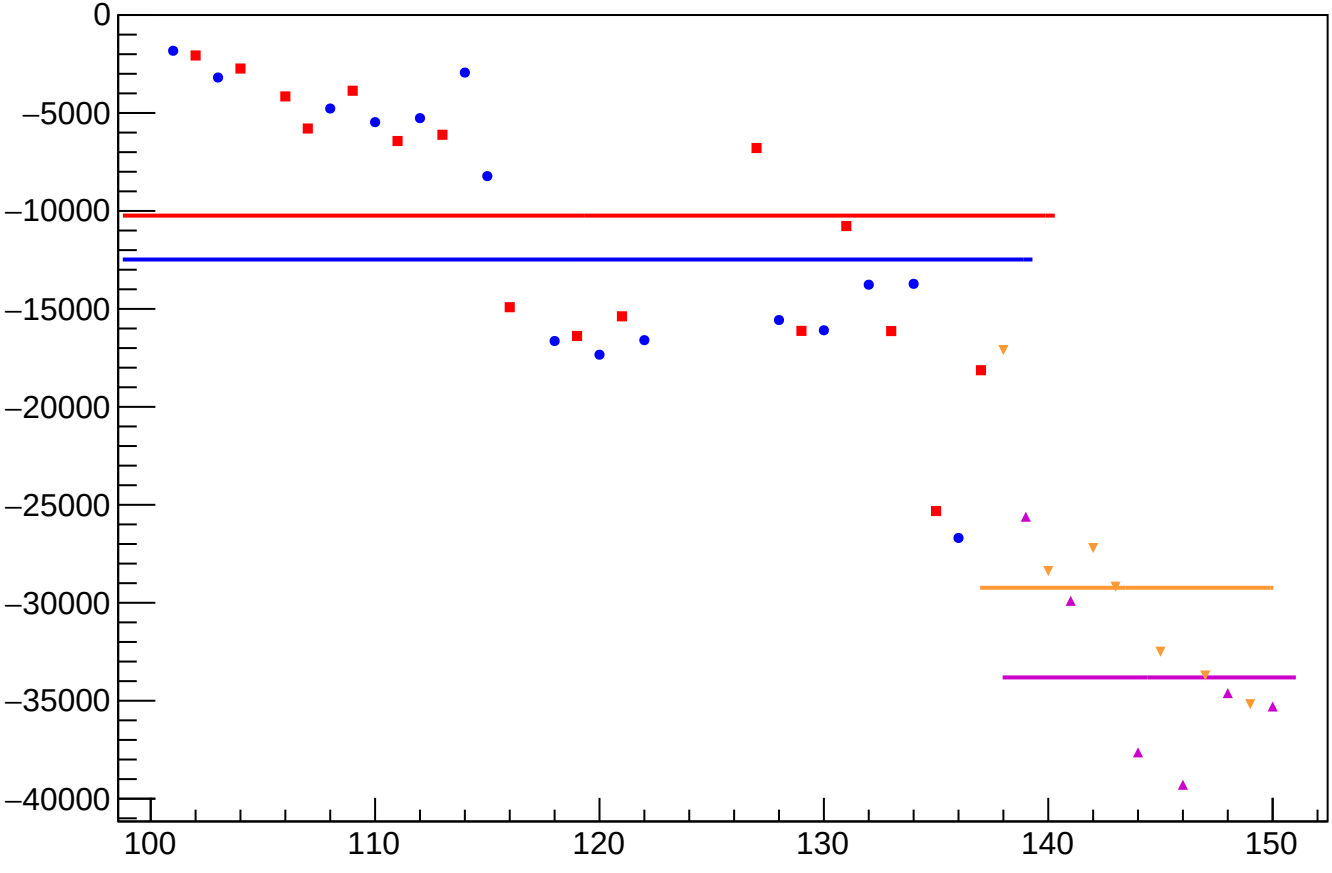
All: 1086.508+/-0.000 χ^2/NDF: 1285896895

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285

Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Left Out: -29233.380+/-0.000 χ^2/NDF:171248586469849407446657857975732047708 16.0/6

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

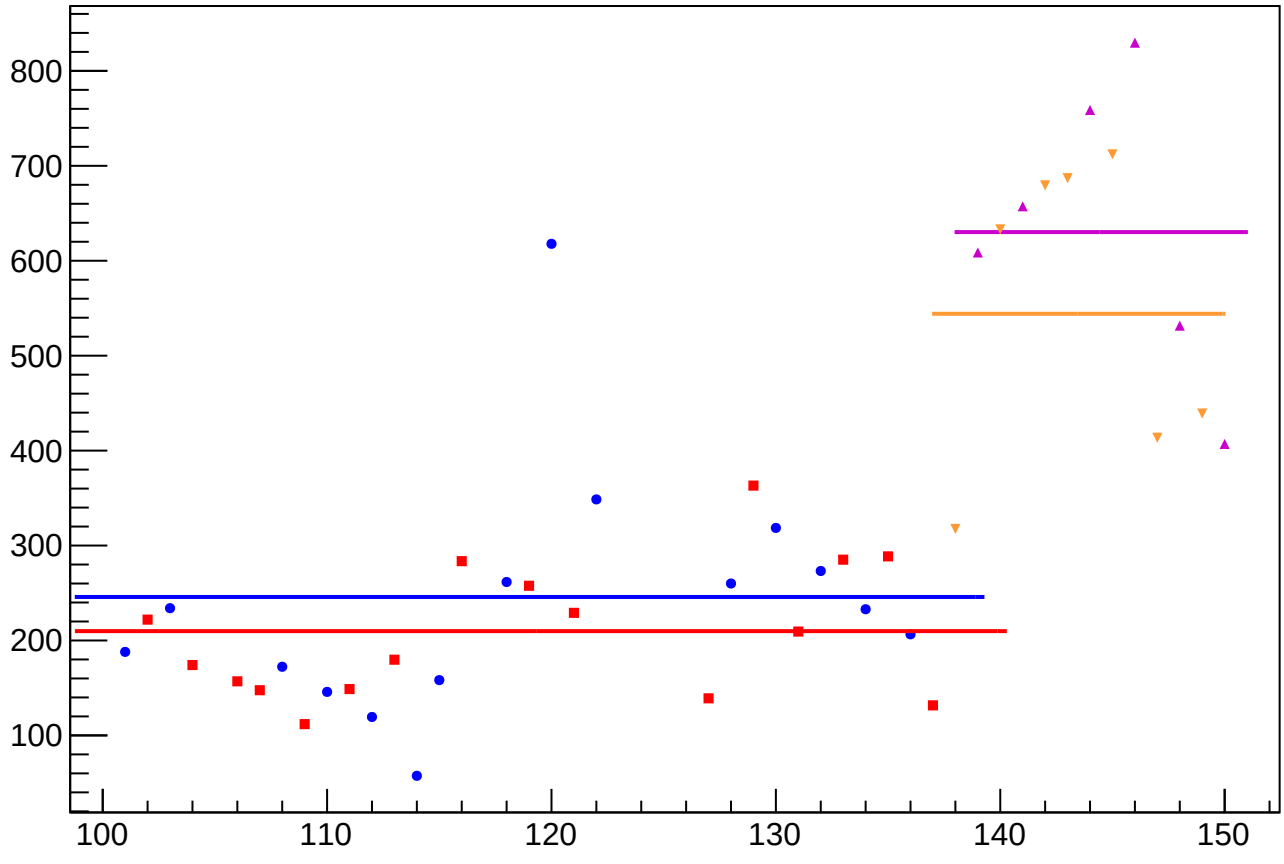
Left In: -33810.008+/-0.000 χ^2/NDF:107954084583110325136744270734991881 66656.0/5

+ sign -19900.188+/-0.000 χ^2/NDF: 138988221124

All: -20194.910+/-0.000 χ^2/NDF: 342333067

- sign -20485.886+/-0.000 χ^2/NDF: 2031437462529

dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 544.126+/-0.000 χ^2/NDF:1140564666343978256868653077881054822 4.0/6

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

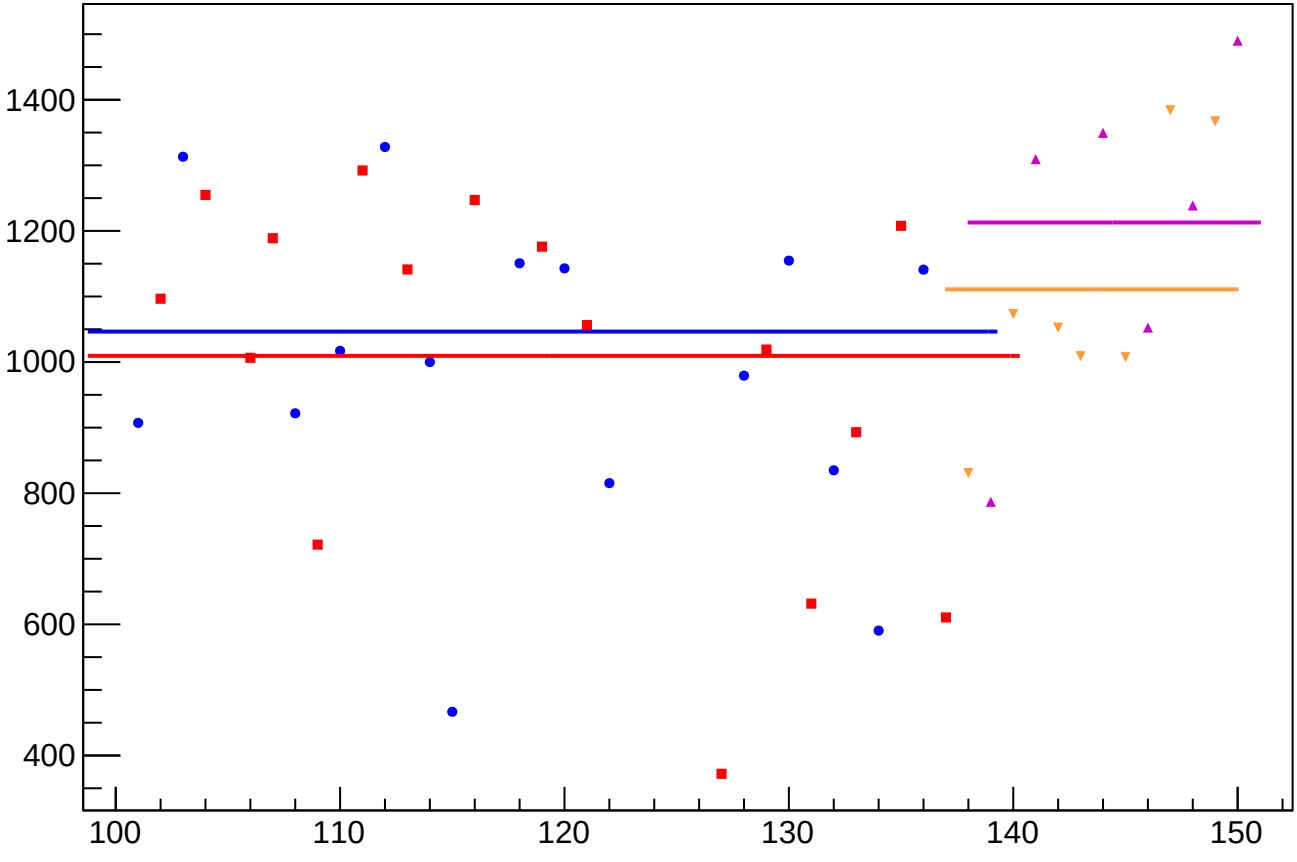
Left In: 630.188+/-0.000 χ^2/NDF:1022414269785712012599200675717447 6800.0/5

+ sign 377.952+/-0.000 χ^2/NDF: 448113412679251

All: 385.316+/-0.000 χ^2/NDF: 109525092171

- sign 392.587+/-0.000 χ^2/NDF: 645882026170922

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

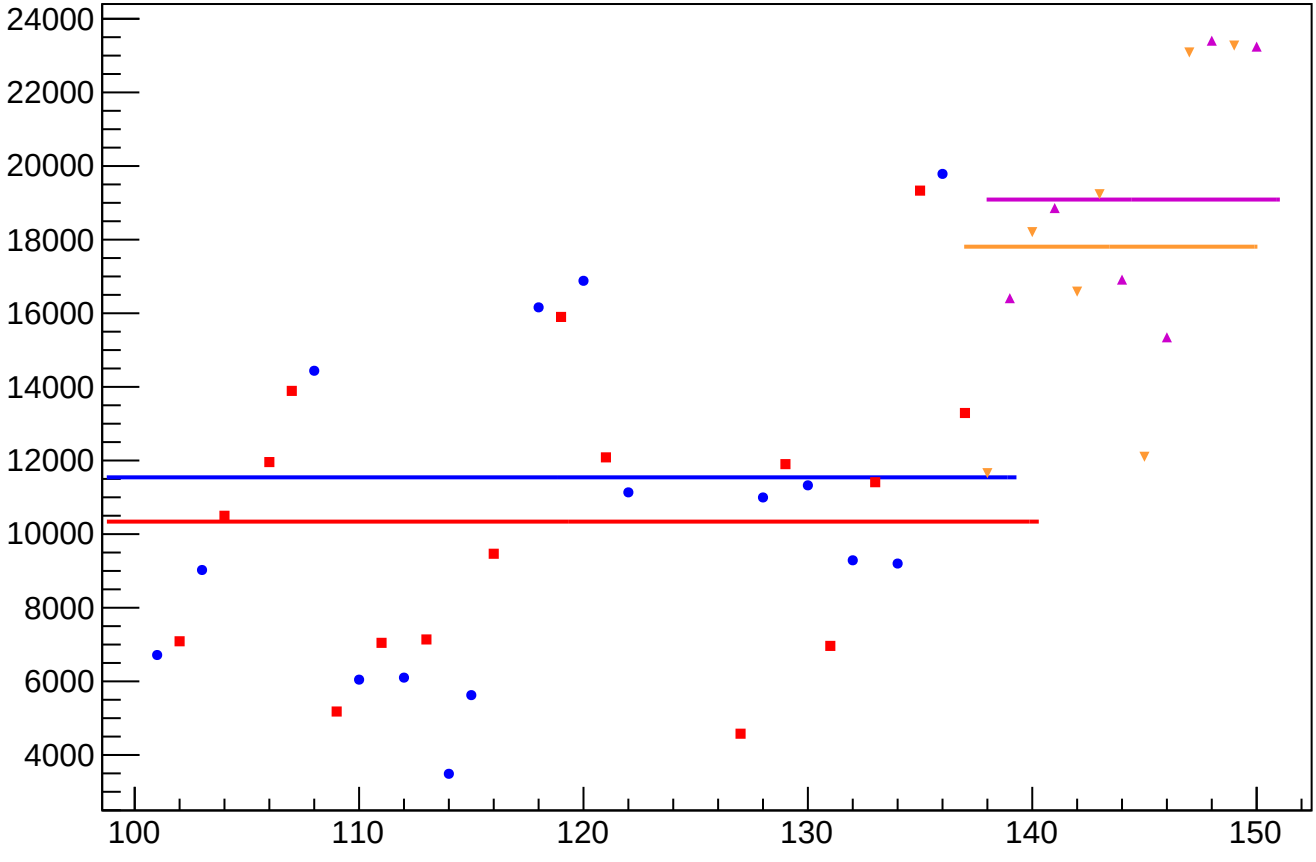
All: 1086.508+/-0.000 χ^2/NDF: 1285896895

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285

Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Left Out: 17808.896+/-0.000 χ^2/NDF:1048795683789440003918705016517855019008 0.0/6

Right Out: 10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

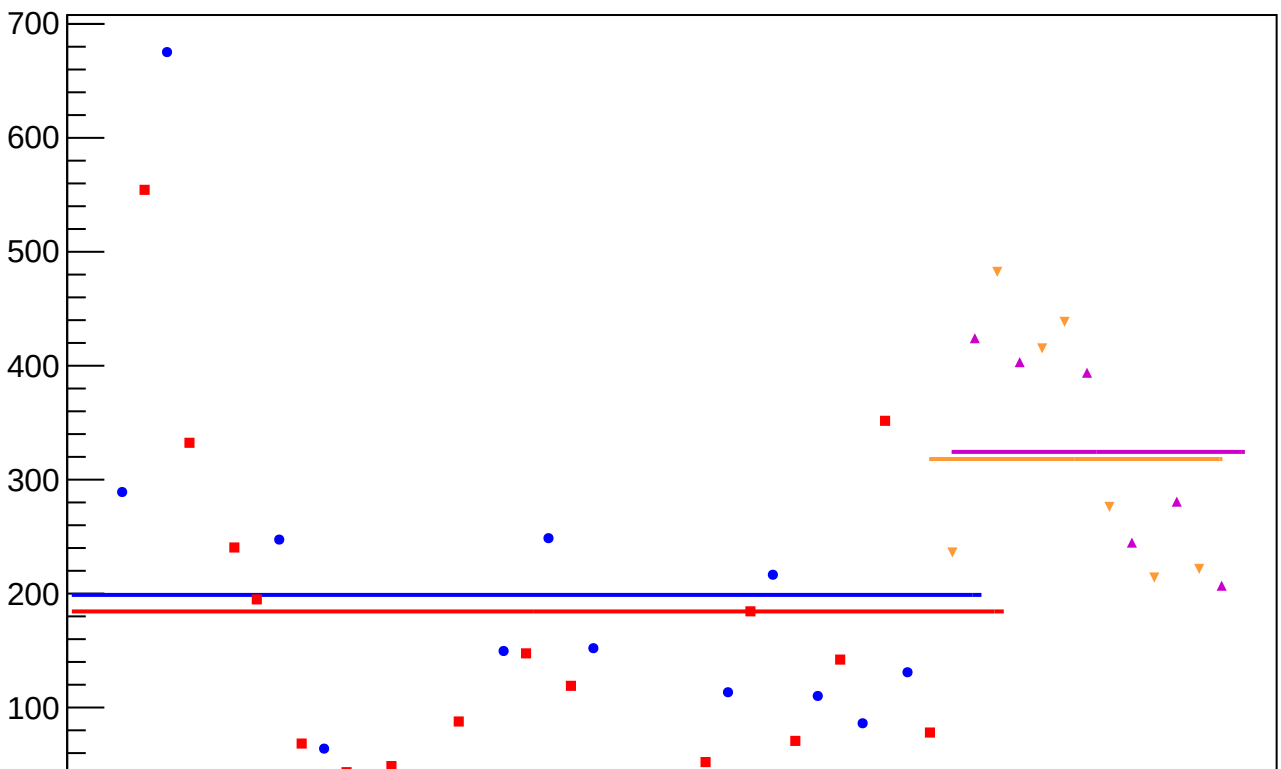
Left In: 19089.193+/-0.000 χ^2/NDF:5304777191371017535581702375815415595008.0/5

+ sign 14318.147+/-0.000 χ^2/NDF: 360082332255 0

All: 14230.344+/-0.000 χ^2/NDF: 747889984 5

- sign 14143.657+/-0.000 χ^2/NDF: 387629164845 0

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14

Left Out: 318.104+/-0.000 χ^2/NDF:591088844866990759842097584732005990 4.0/6

Right Out: 184.328+/-0.000 χ^2/NDF: 149274349313955886010249615383724032 00.0/15

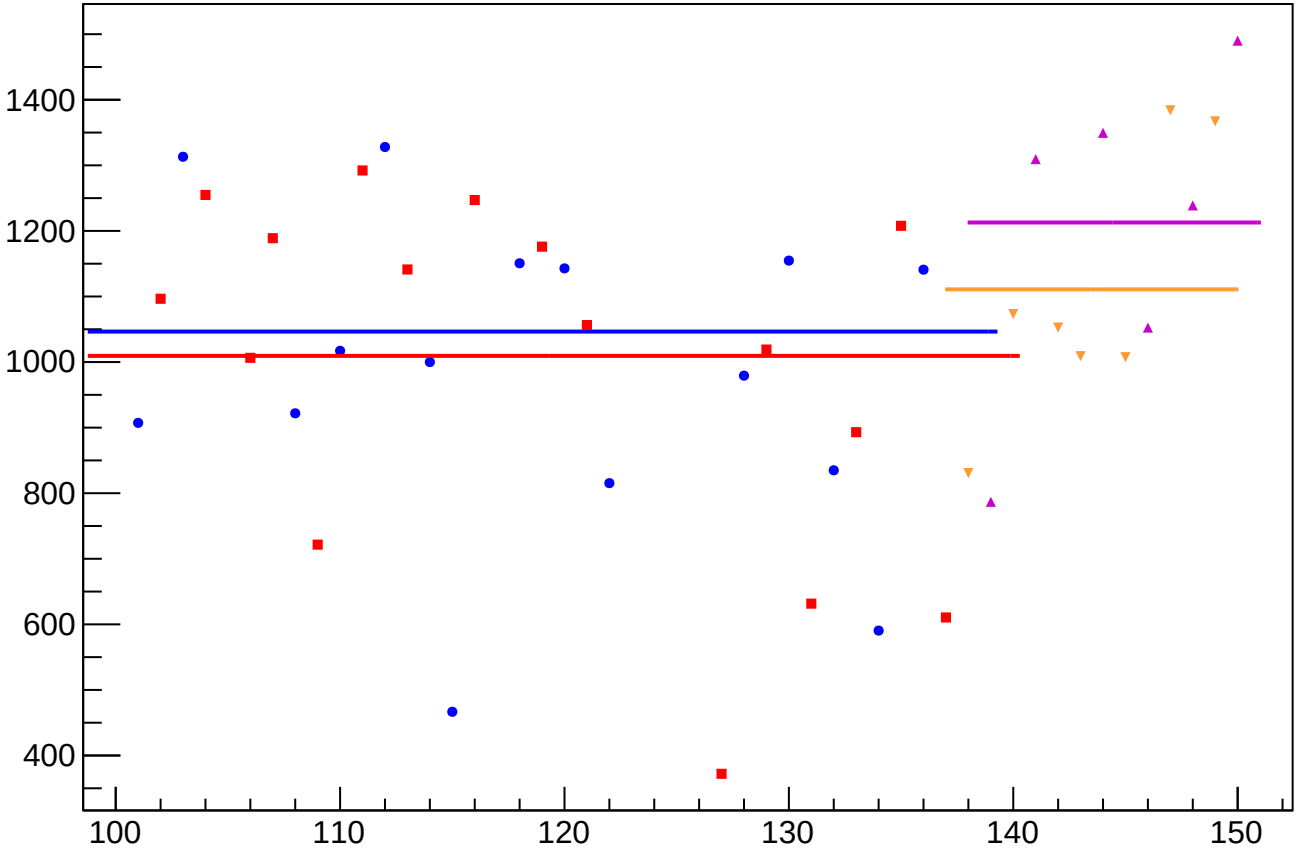
Left In: 324.370+/-0.000 χ^2/NDF:370538507889074628647164099133492428 8.0/5

+ sign 251.670+/-0.000 χ^2/NDF: 283328767072531

All: 248.420+/-0.000 χ^2/NDF: 52677074052 2

- sign 245.211+/-0.000 χ^2/NDF: 243197421124592

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

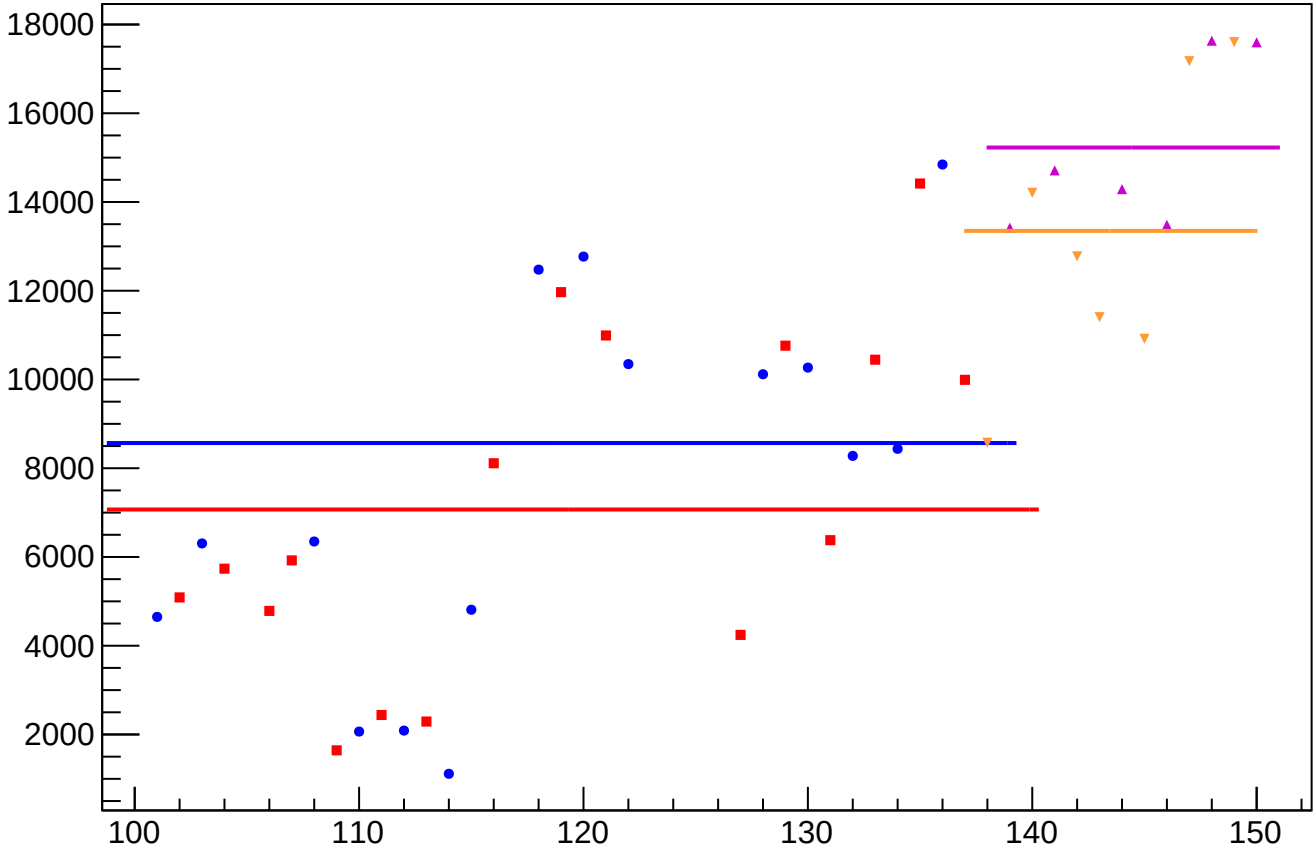
All: 1086.508+/-0.000 χ^2/NDF: 1285896895

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285

Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

Left Out: 13348.705+/-0.000 χ^2/NDF:5245741242452842230916855787383695605760.0/6

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

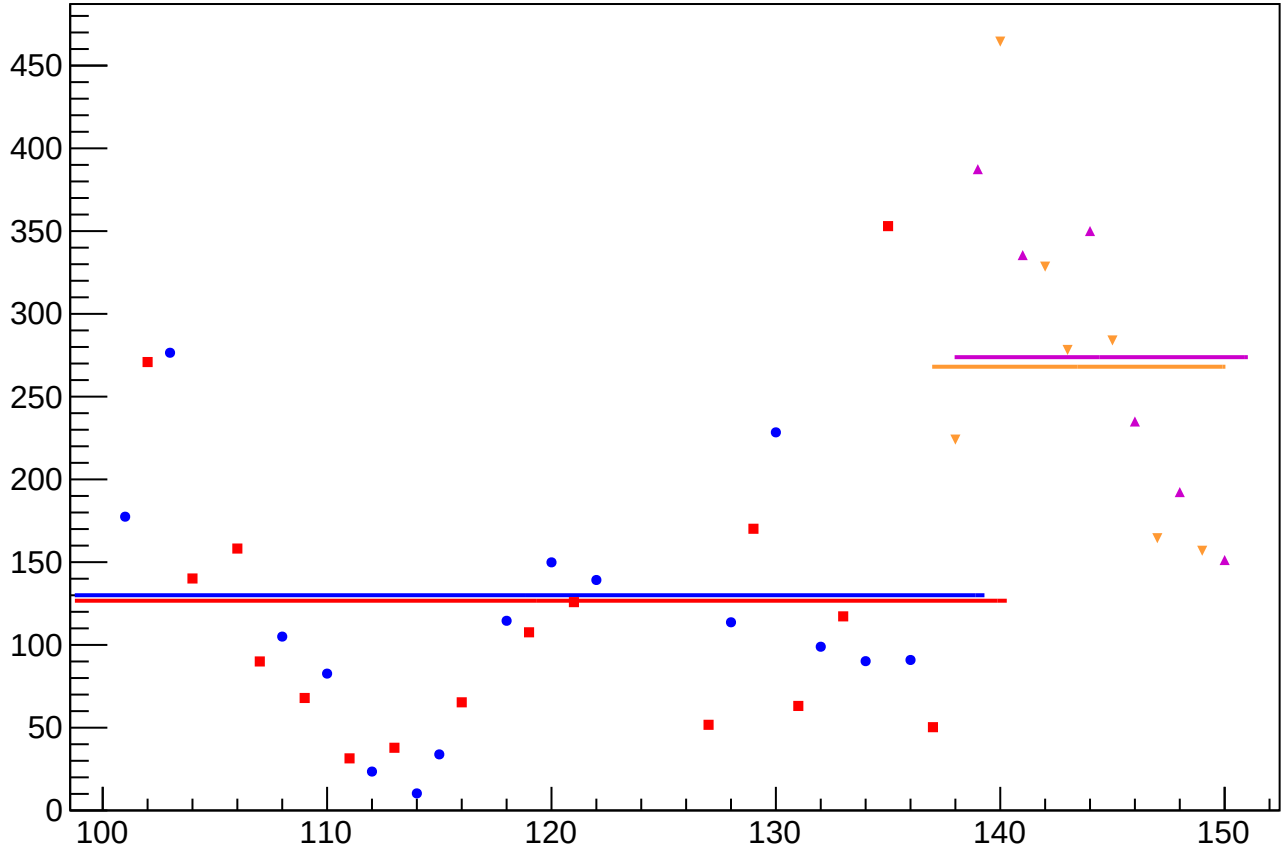
Left In: 15227.344+/-0.000 χ^2/NDF:1615942262803480042971979835329638039552.0/5

+ sign 10685.342+/-0.000 χ^2/NDF: 2292218619215

All: 10650.603+/-0.000 χ^2/NDF: 5391395094

- sign 10616.305+/-0.000 χ^2/NDF: 3098897072681

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Left Out: 268.067+/-0.000 χ^2/NDF:5385589305544436884244737875330990080.0/6

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

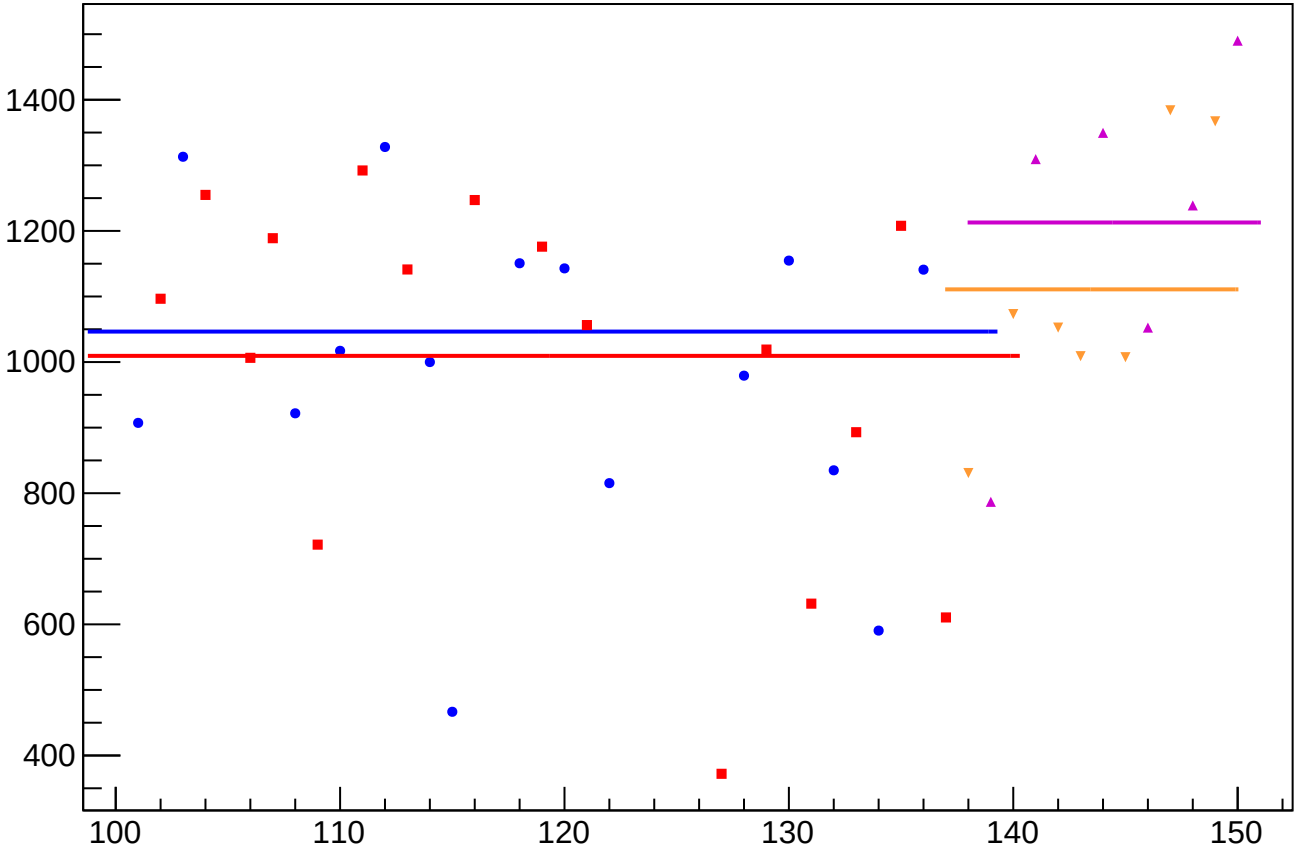
Left In: 273.845+/-0.000 χ^2/NDF:3935225143689231738526034260257669120.0/5

+ sign 191.164+/-0.000 χ^2/NDF: 139787715974482

All: 190.918+/-0.000 χ^2/NDF: 29588952247

- sign 190.676+/-0.000 χ^2/NDF: 156100409658681

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1074.999+/-0.000 χ^2/NDF: 4534431405081

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

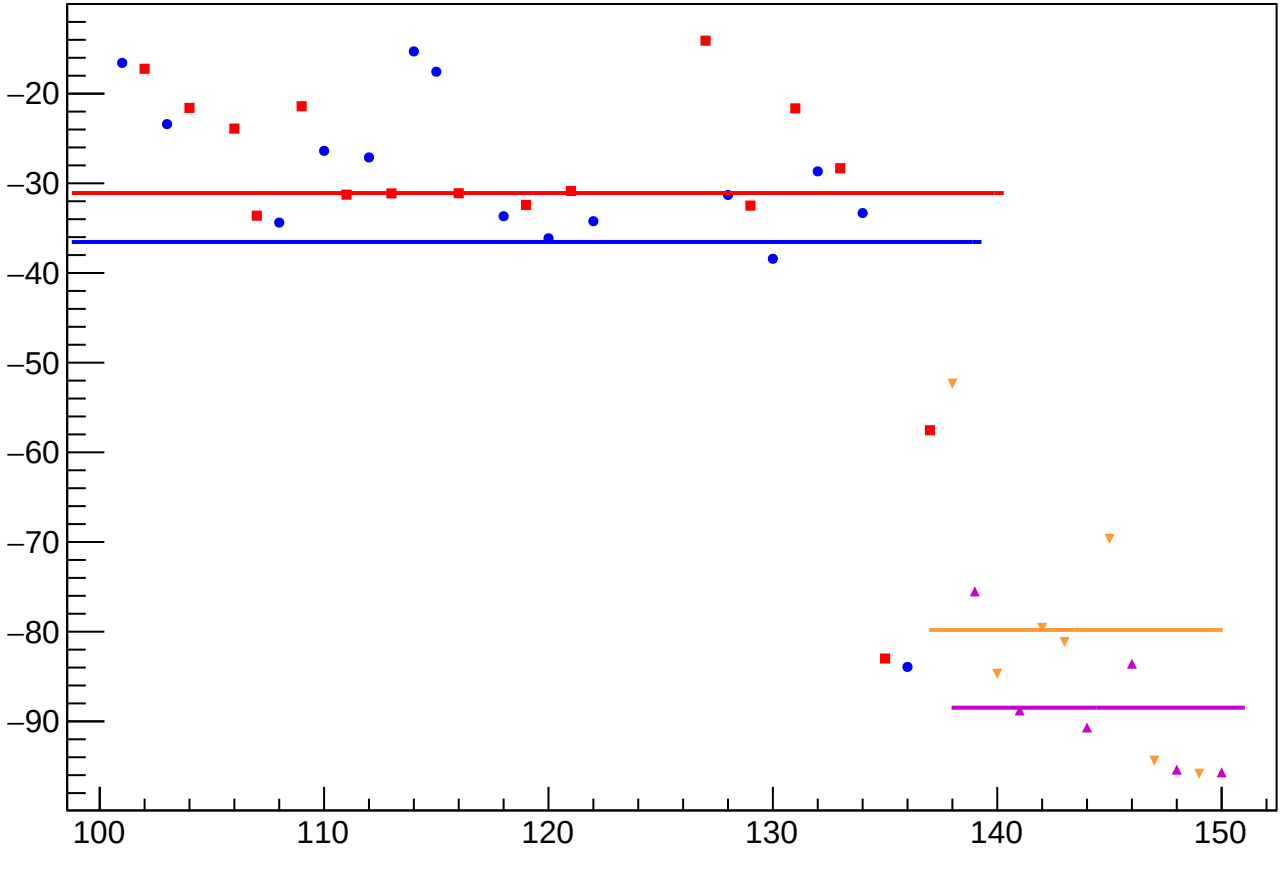
All: 1086.508+/-0.000 χ^2/NDF: 1285896895

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1097.871+/-0.000 χ^2/NDF: 82938702856285

Left In: 1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

+ sign -55.703+/-0.000 χ^2/NDF: 899886866913540

Left Out: -79.805+/-0.000 χ^2/NDF:1074636965186689358941396423566950 40.0/6

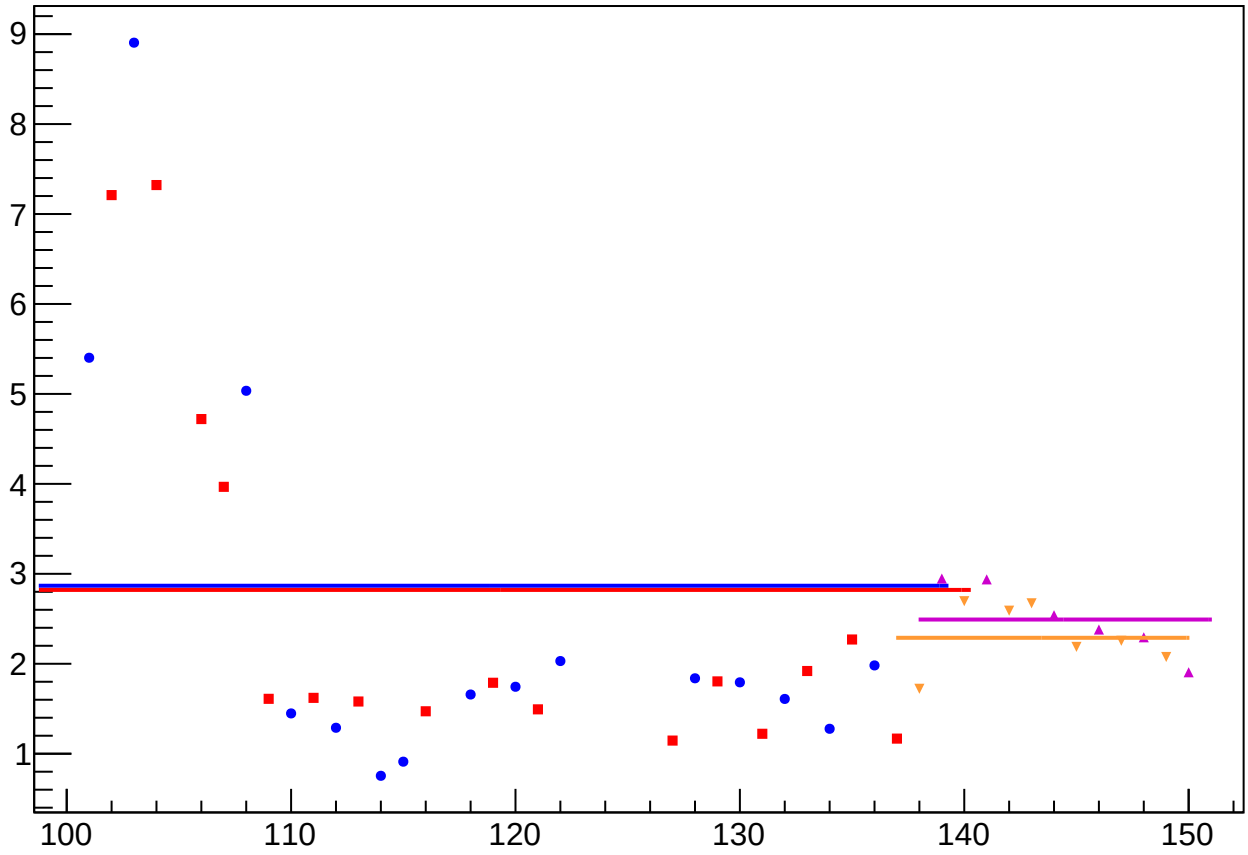
All: -55.870+/-0.000 χ^2/NDF: 206104266937

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

- sign -56.035+/-0.000 χ^2/NDF: 116109128320168 4

Left In: -88.473+/-0.000 χ^2/NDF:2479323873151867995191801392031334 4.0/5

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.289+/-0.000 χ^2/NDF:5740343330469502875919296181043 2.0/6

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

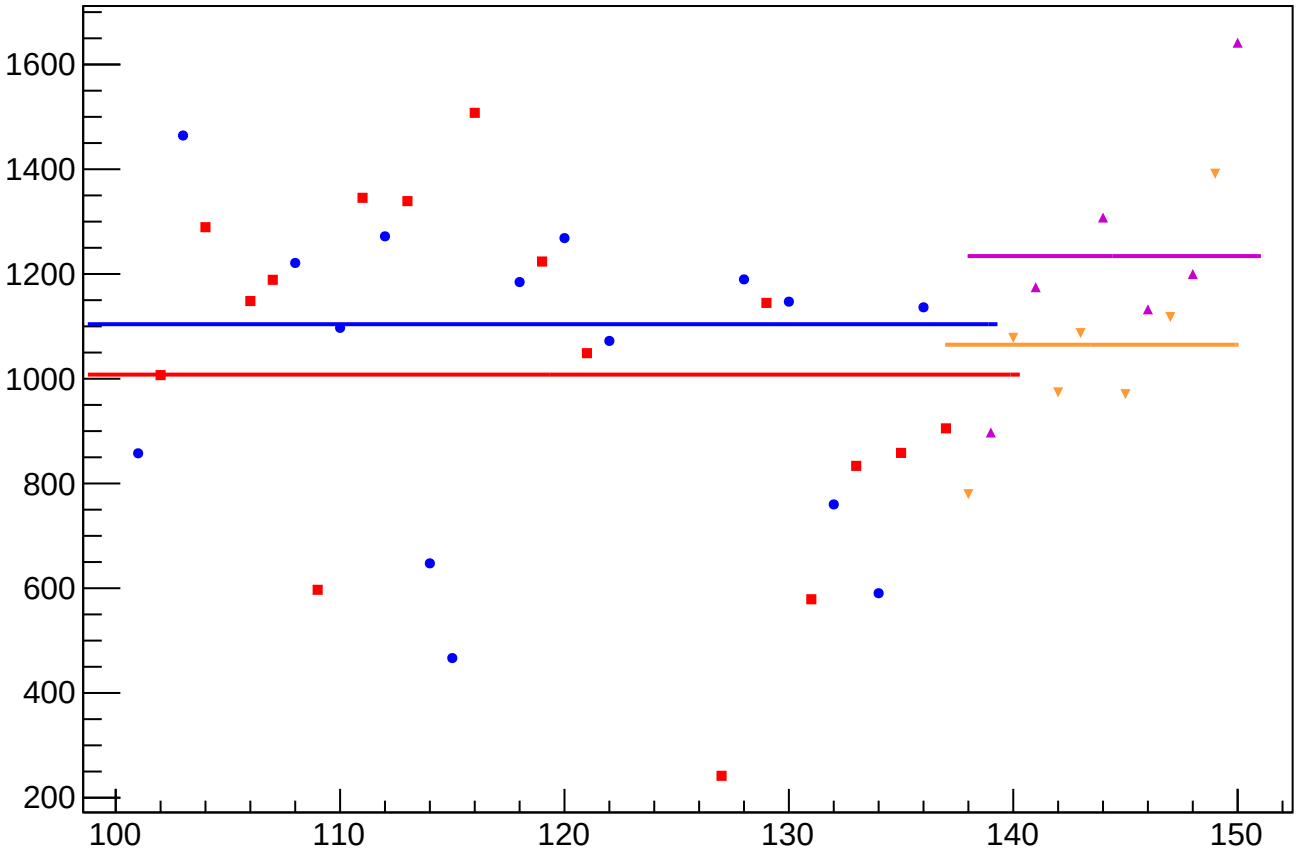
Left In: 2.492+/-0.000 χ^2/NDF:6954106824558917304368910617 8048.0/5

+ sign 2.611+/-0.000 χ^2/NDF: 3609166231669011 0

All: 2.645+/-0.000 χ^2/NDF: 6765701025651 1

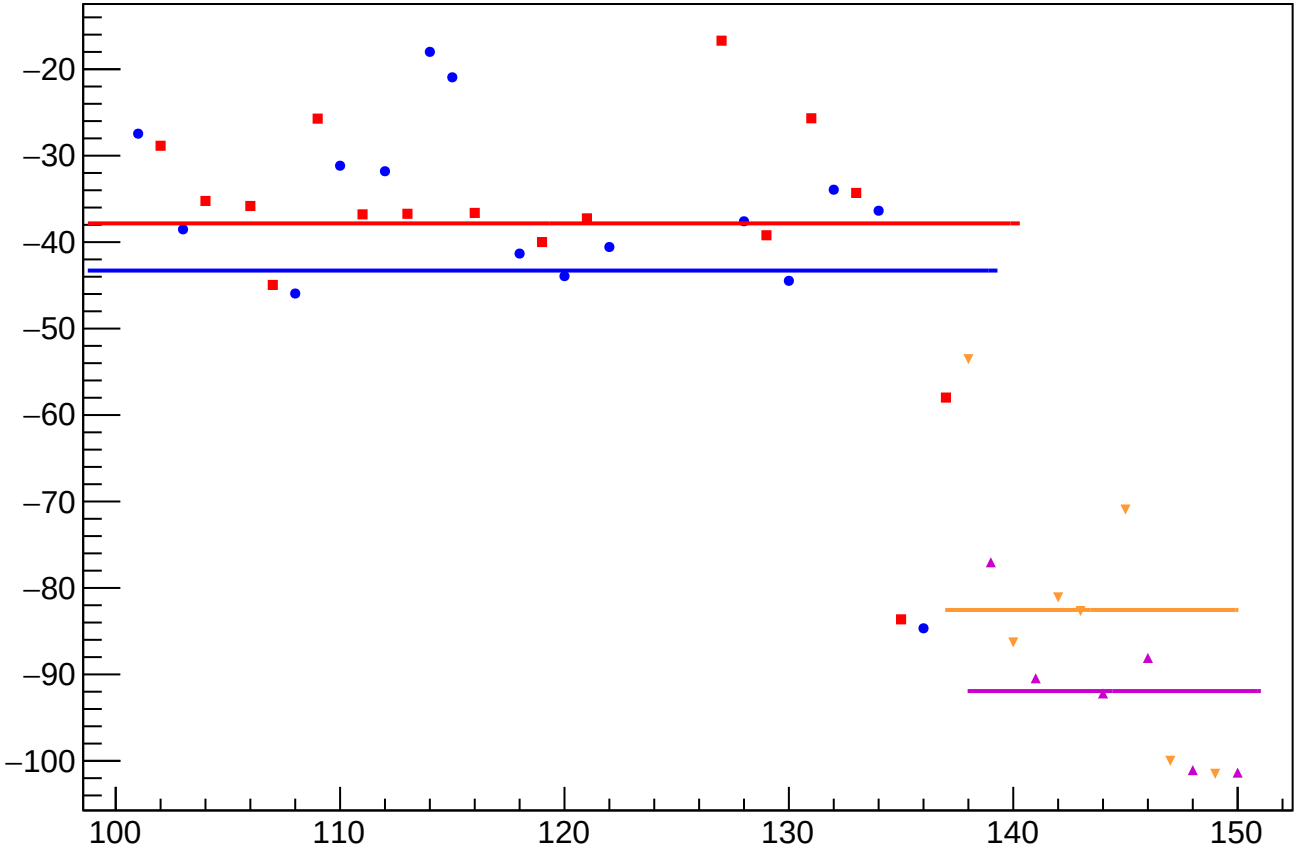
- sign 2.678+/-0.000 χ^2/NDF: 3153923346993220 5

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Left Out: -82.544+/-0.000 χ^2/NDF:1317232218711999331060046507949424 64.0/6

Right Out: -37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

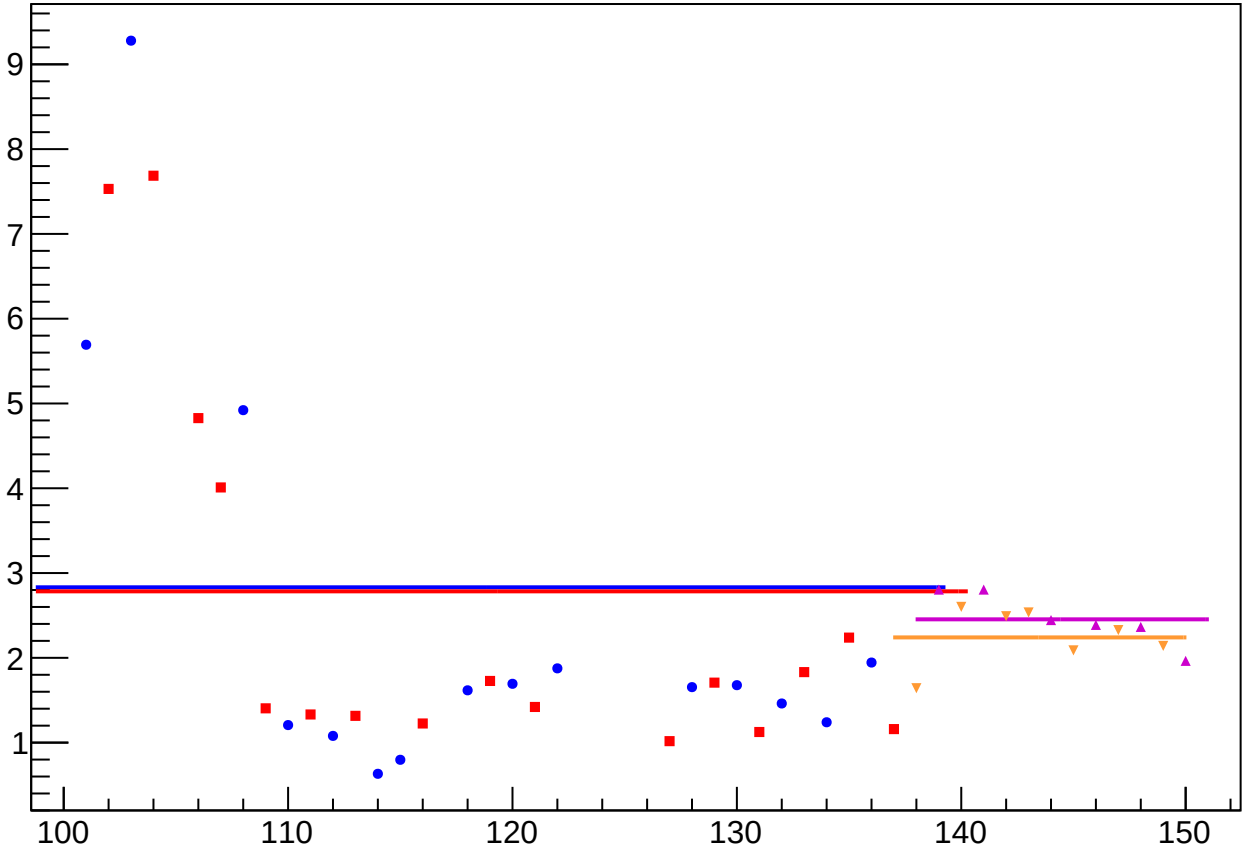
Left In: -91.926+/-0.000 χ^2/NDF:3450786038195762420631773059743744 0.0/5

+ sign -60.676+/-0.000 χ^2/NDF: 774018261675057

All: -61.015+/-0.000 χ^2/NDF: 180597079191

- sign -61.349+/-0.000 χ^2/NDF: 1031687022027610

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.570+/-0.000 χ^2/NDF: 4108690581143212 9

Left Out: 2.241+/-0.000 χ^2/NDF:506339218343084574671756570132 48.0/6

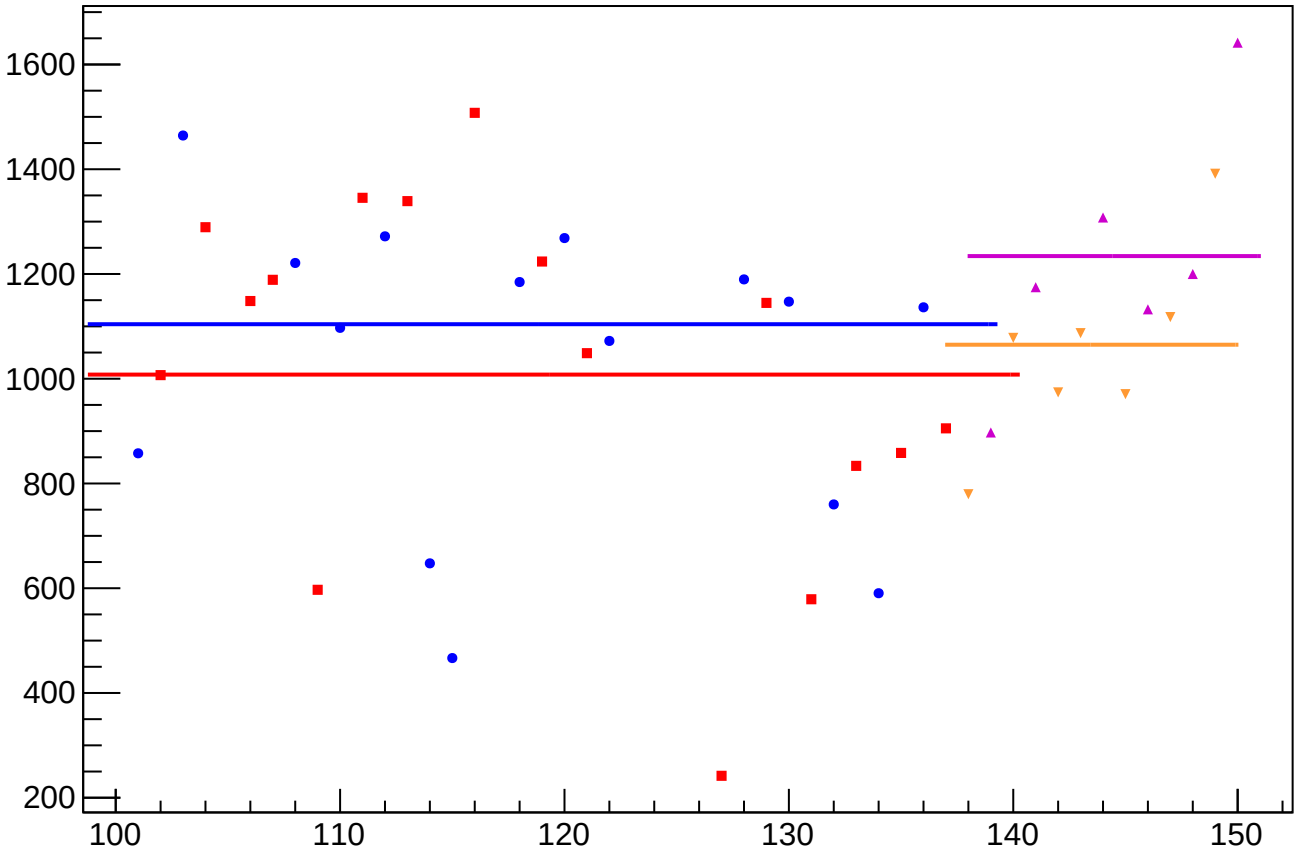
All: 2.606+/-0.000 χ^2/NDF: 7776033330460 5

Right Out: 2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

- sign 2.641+/-0.000 χ^2/NDF: 3664422652832932 3

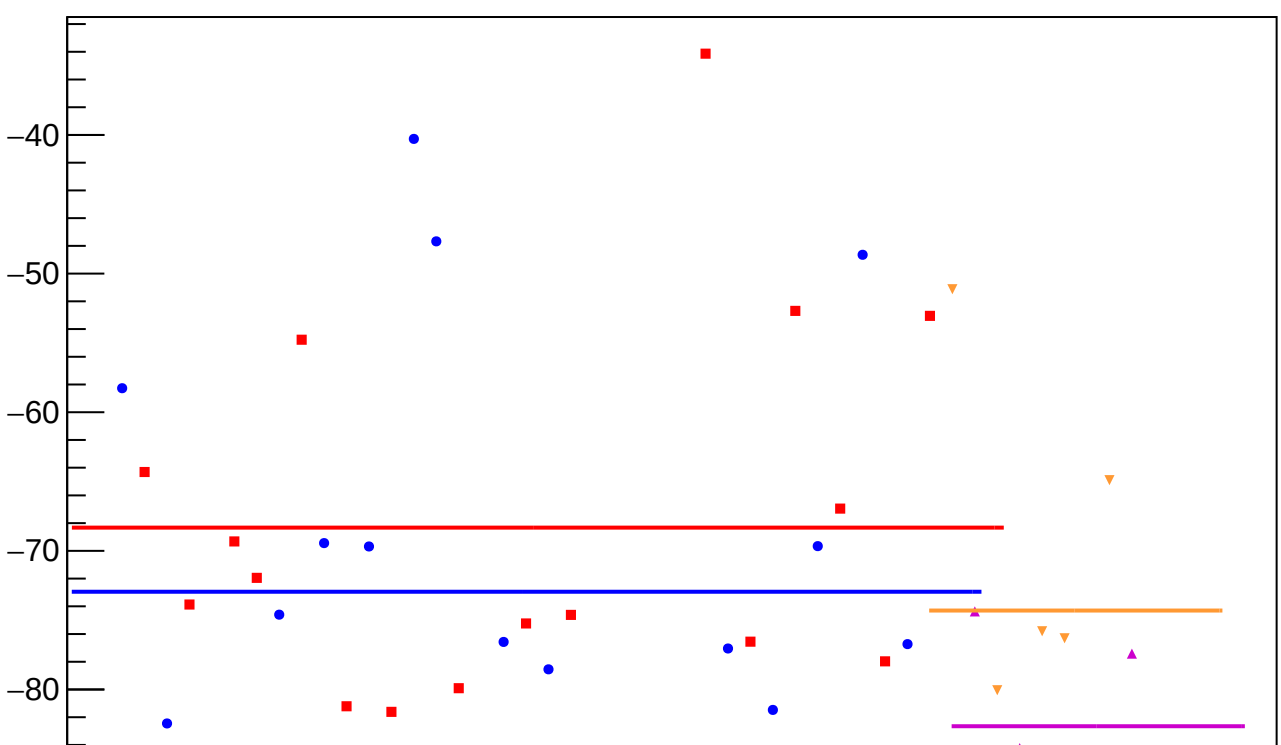
Left In: 2.454+/-0.000 χ^2/NDF:43269660839190368406976807829504.0/5

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left Out: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14

Left Out: -74.305+/-0.000 χ^2/NDF:7438784898569499405242685677843251 2.0/6

Right Out: -68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

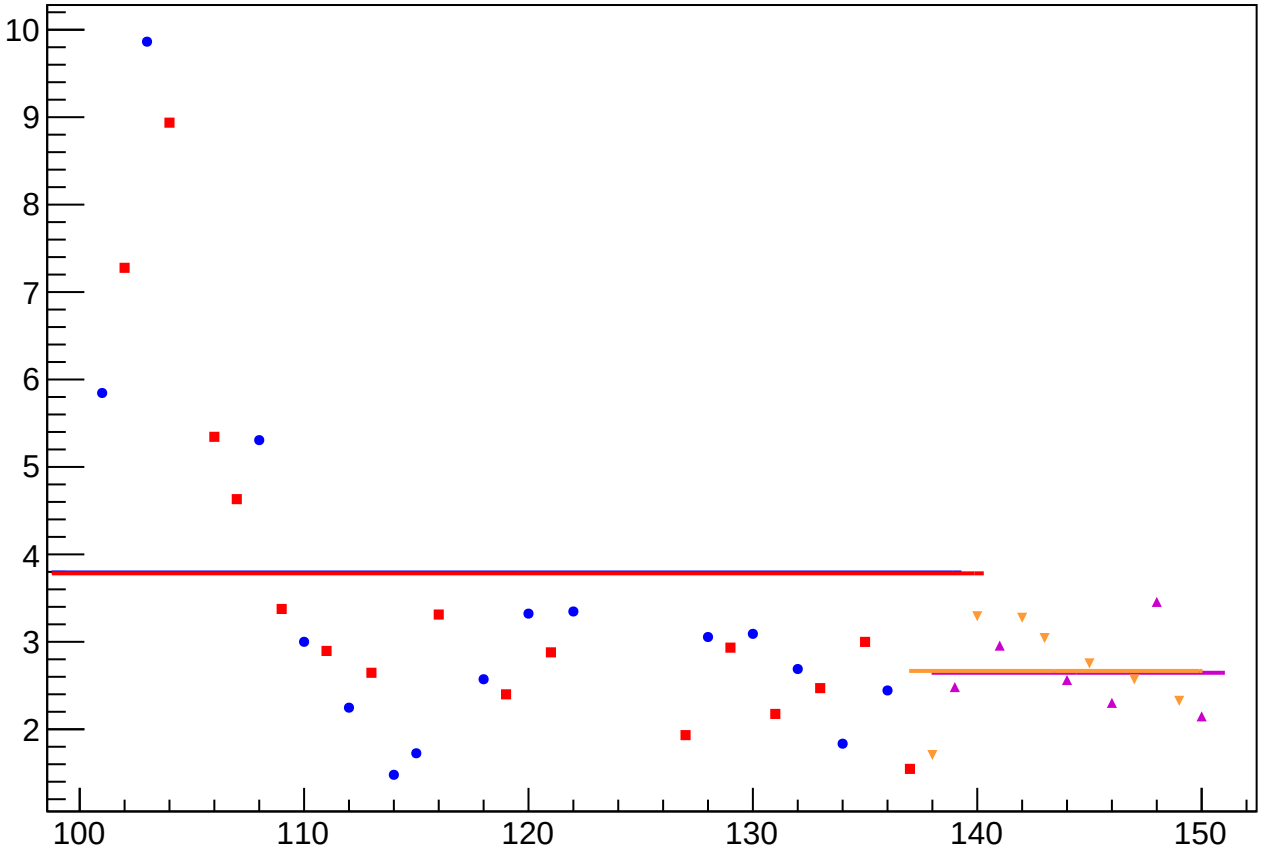
Left In: -82.650+/-0.000 χ^2/NDF:1175072186391854731709504901506662 4.0/5

+ sign -73.550+/-0.000 χ^2/NDF: 140671662582983

All: -74.054+/-0.000 χ^2/NDF: 319223962383

- sign -74.552+/-0.000 χ^2/NDF: 177963060779036

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF: 320538924272612961979629081041305 6.0/14

Left Out: 2.667+/-0.000 χ^2/NDF:1418502370190715812131140272128 00.0/6

Right Out: 3.783+/-0.000 χ^2/NDF: 287858662219267665445233875537 1008.0/15

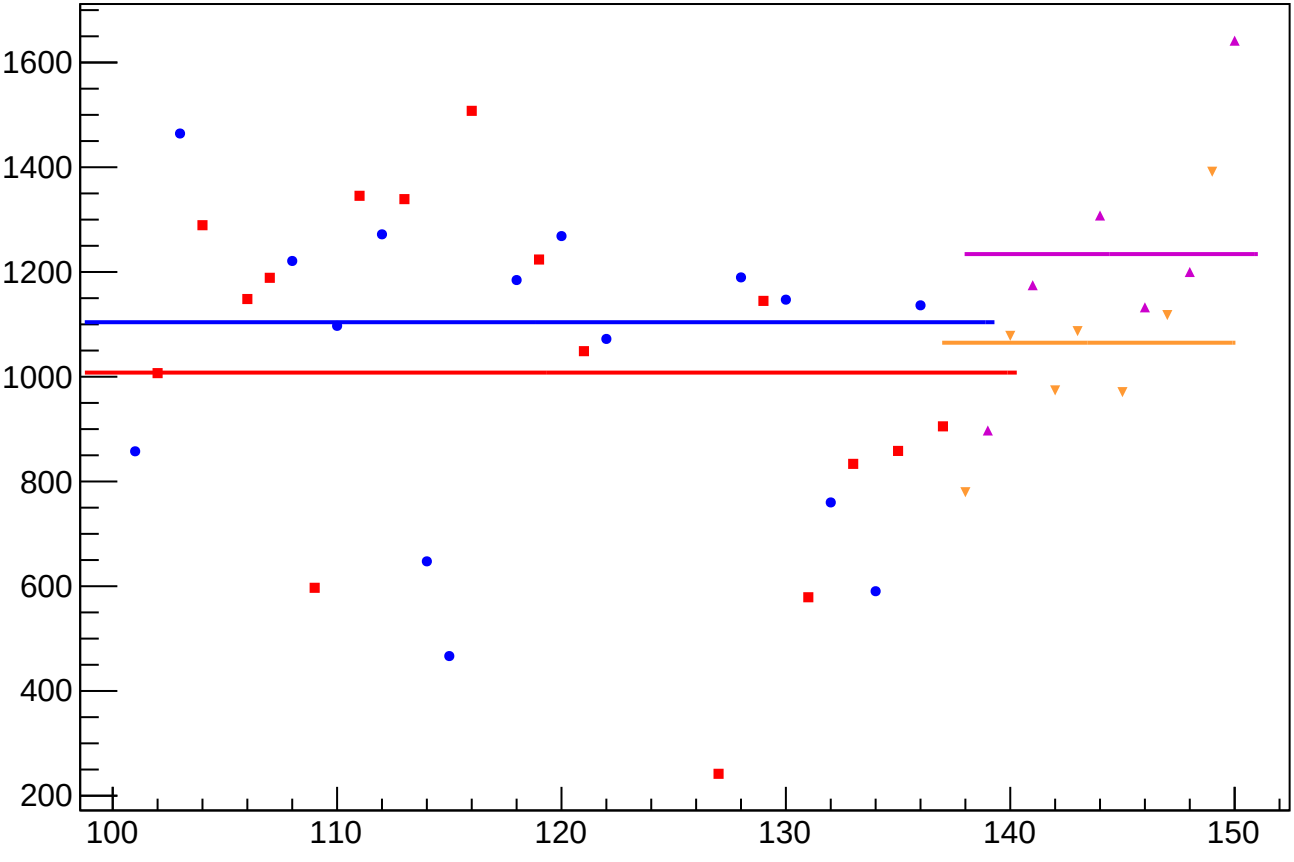
Left In: 2.646+/-0.000 χ^2/NDF:986256237920321369889466210058 24.0/5

+ sign 3.294+/-0.000 χ^2/NDF: 3711426609645295 2

All: 3.292+/-0.000 χ^2/NDF: 7063560546288 2

- sign 3.289+/-0.000 χ^2/NDF: 3352116546341211 4

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

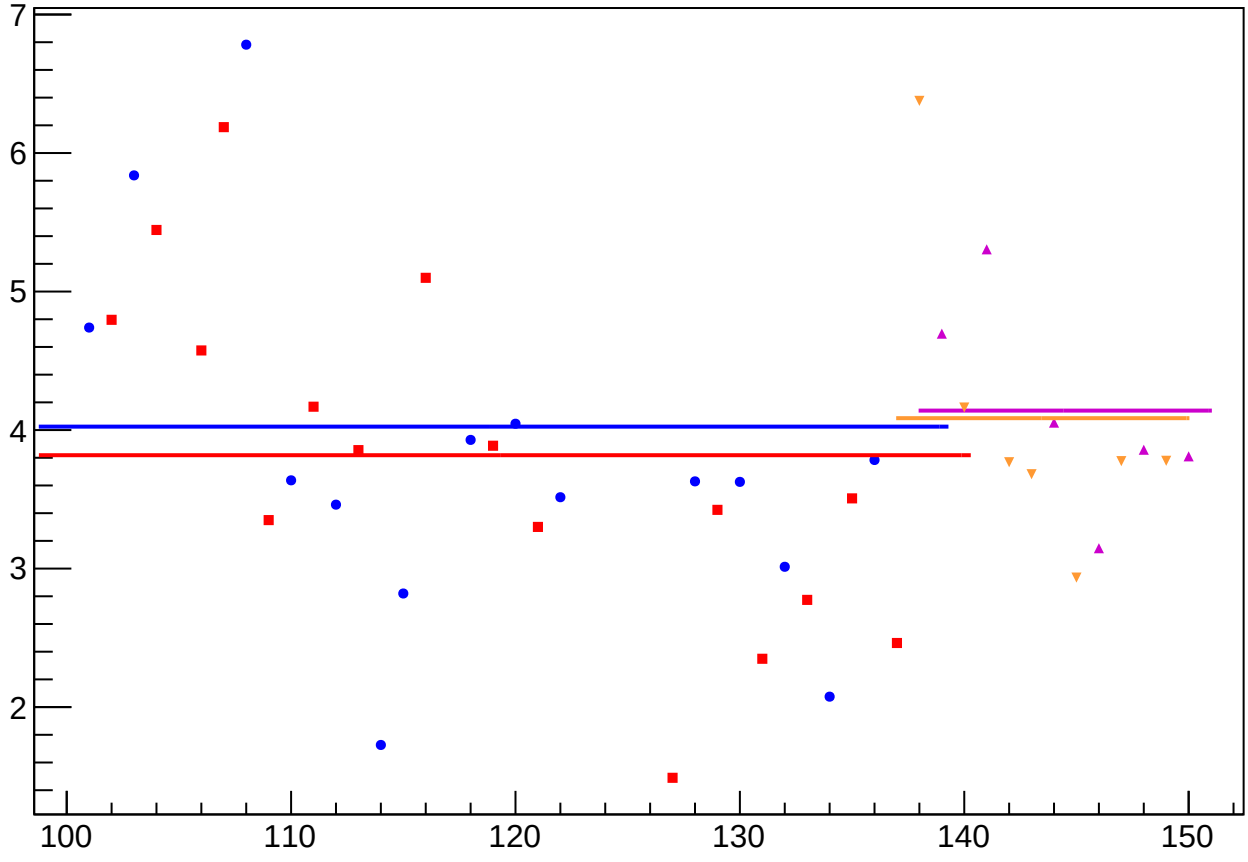
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9

All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9

- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

+ sign 4.052+/-0.000 χ^2/NDF: 1318214255934944

Left Out: 4.086+/-0.000 χ^2/NDF:548142132060183829389600228376576.0/6

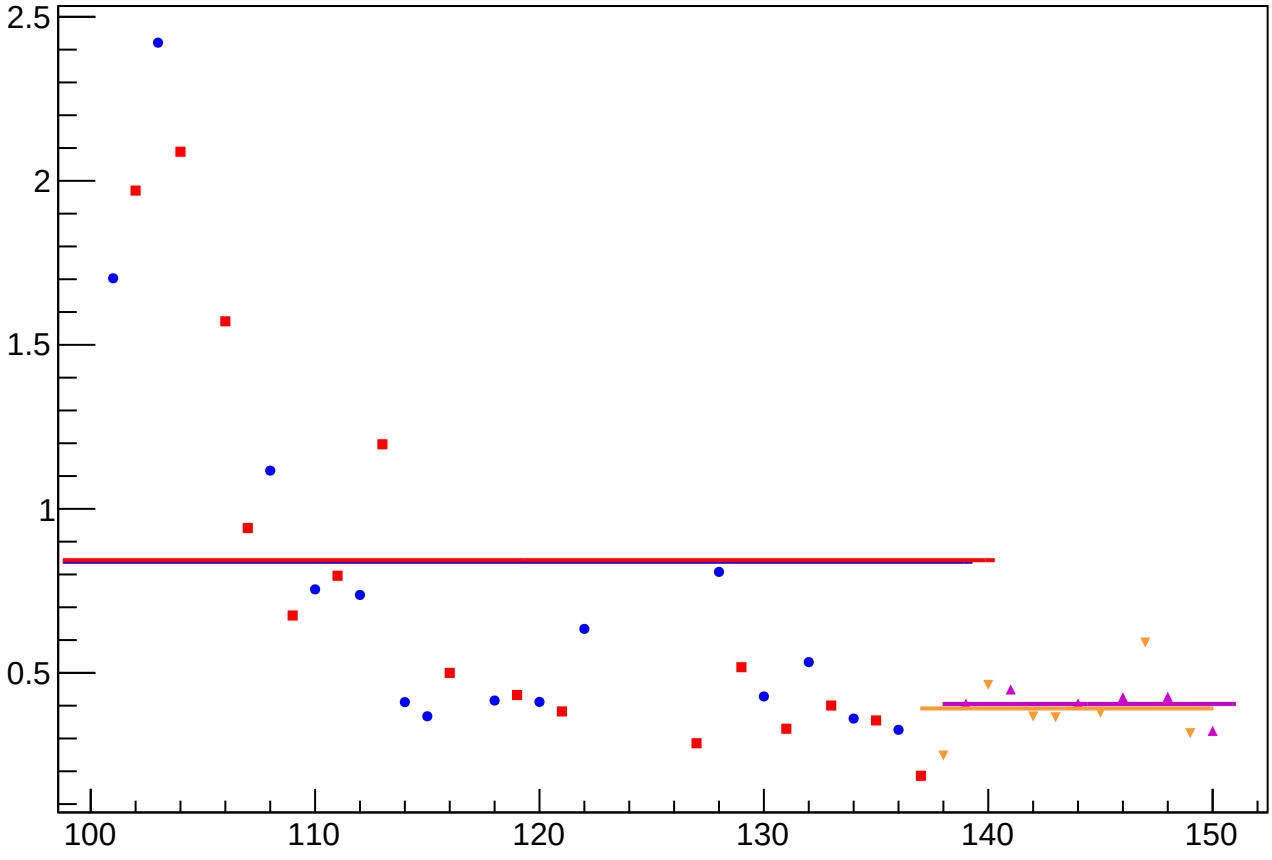
All: 4.005+/-0.000 χ^2/NDF: 2481077884608

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

- sign 3.958+/-0.000 χ^2/NDF: 11577557553403214

Left In: 4.141+/-0.000 χ^2/NDF:2394557463969262755966219861360 64.0/5

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.391+/-0.000 χ^2/NDF:5750822903671663945740363759616.0/6

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

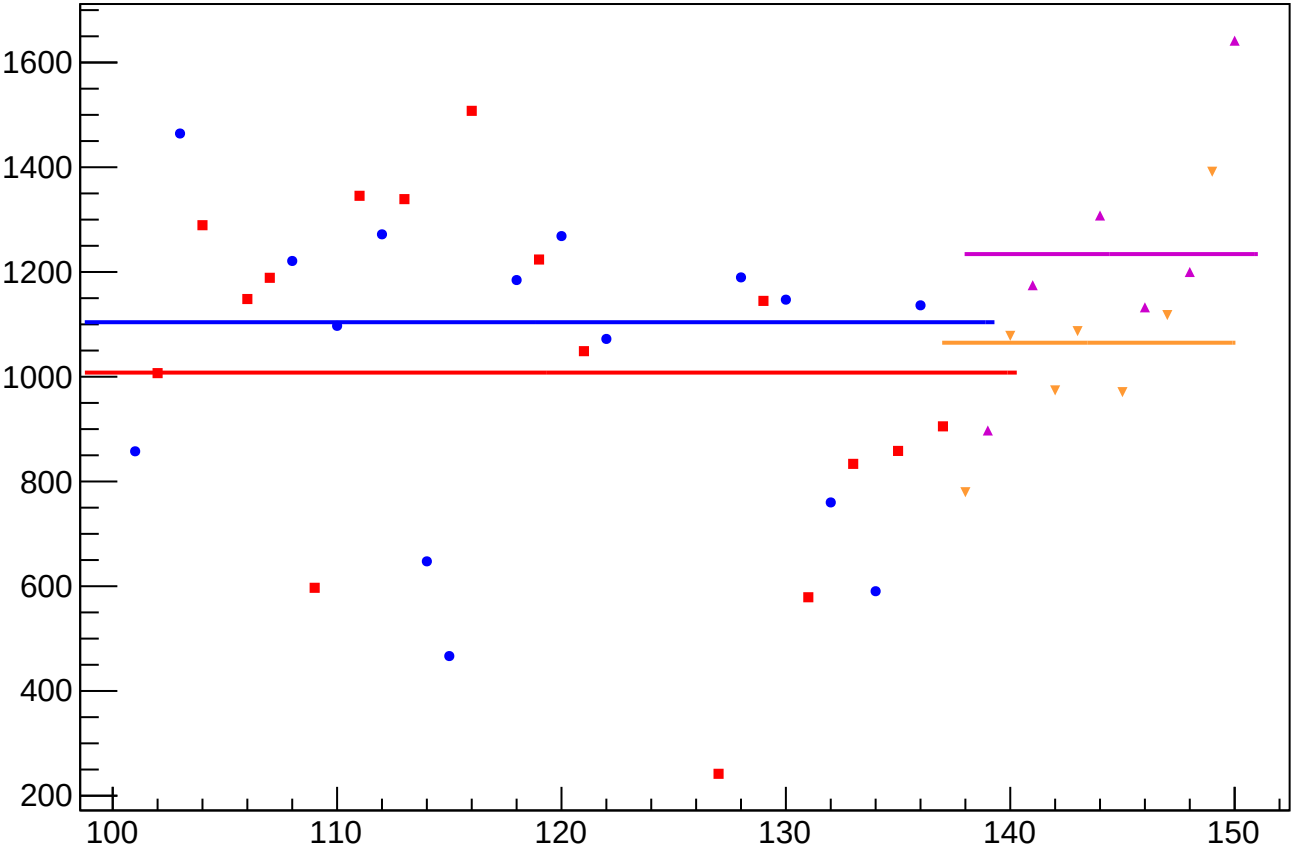
Left In: 0.405+/-0.000 χ^2/NDF:8509253215717620487821291683 84.0/5

+ sign 0.641+/-0.000 χ^2/NDF: 3216591261443344 1

All: 0.647+/-0.000 χ^2/NDF: 6312281070070 6

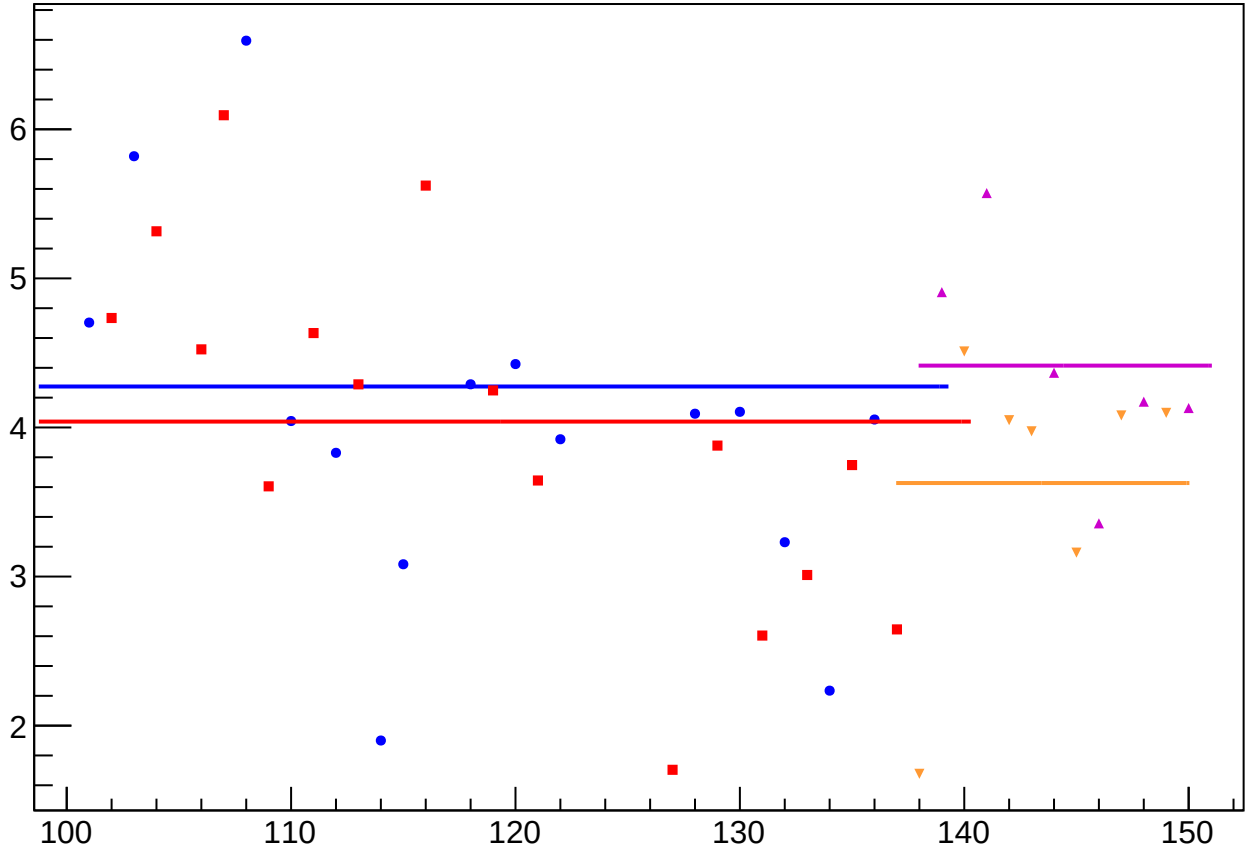
- sign 0.653+/-0.000 χ^2/NDF: 3094794629036019 0

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

Left Out: 3.627+/-0.000 χ^2/NDF:42912720495339257272480629470003 2.0/6

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

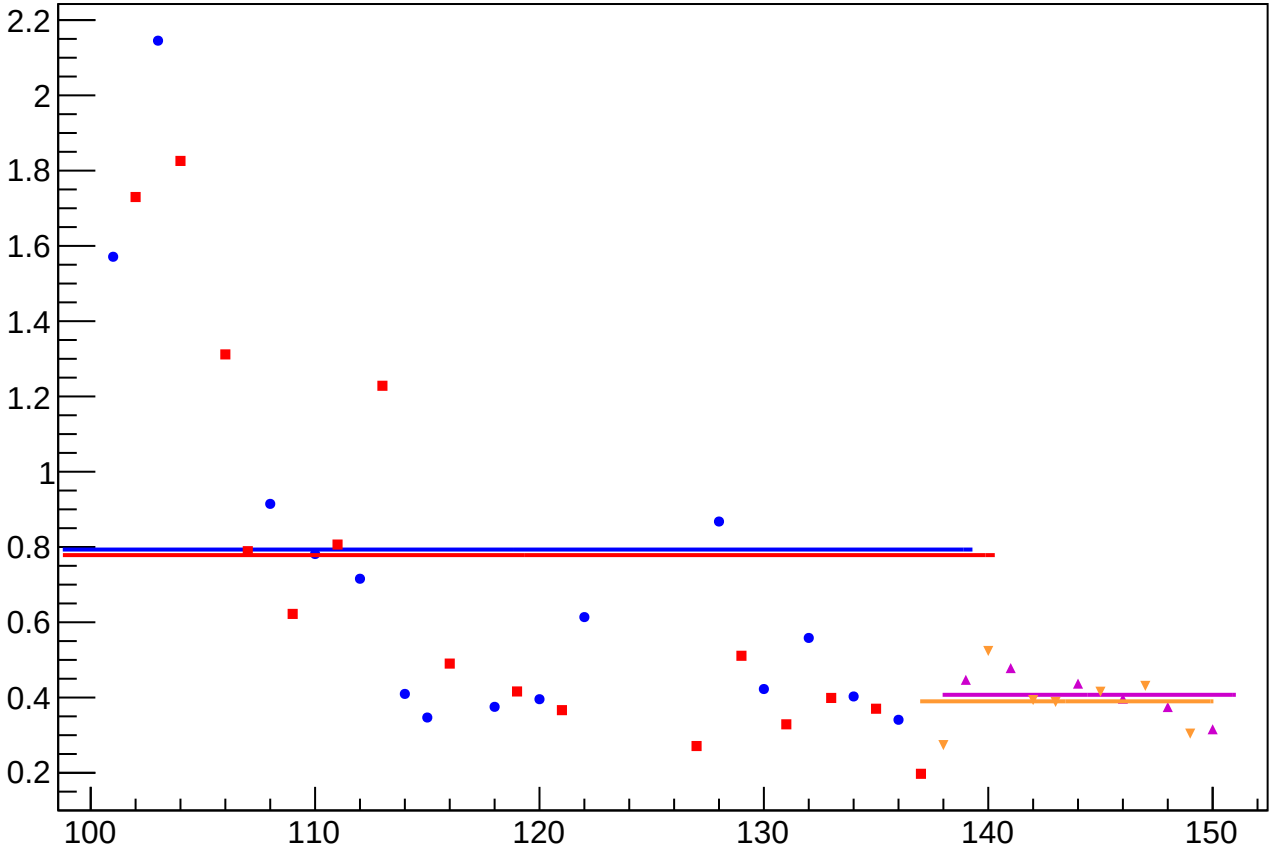
Left In: 4.415+/-0.000 χ^2/NDF:2389365189221705714236297807134 72.0/5

+ sign 3.988+/-0.000 χ^2/NDF: 1146833561679070 1

All: 4.096+/-0.000 χ^2/NDF: 2226029122476 0

- sign 4.203+/-0.000 χ^2/NDF: 1052176340783599 4

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF: 1955087771735894834403147000053 76.0/14

Left Out: 0.390+/-0.000 χ^2/NDF:332599601916794914189619075481 6.0/6

Right Out: 0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

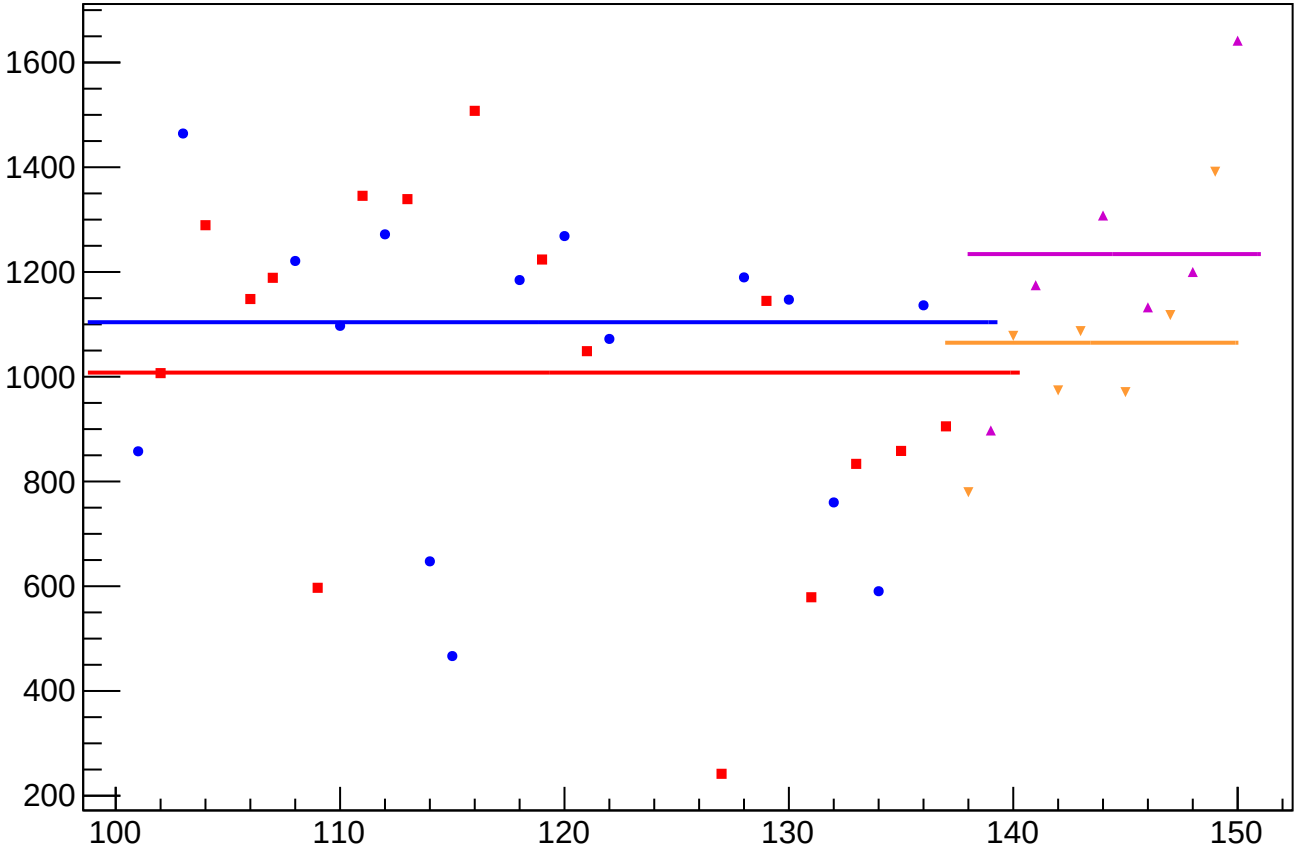
Left In: 0.407+/-0.000 χ^2/NDF:149598224473838103166934056960 0.0/5

+ sign 0.615+/-0.000 χ^2/NDF: 2455846371736061 5

All: 0.616+/-0.000 χ^2/NDF: 4728448286725 2

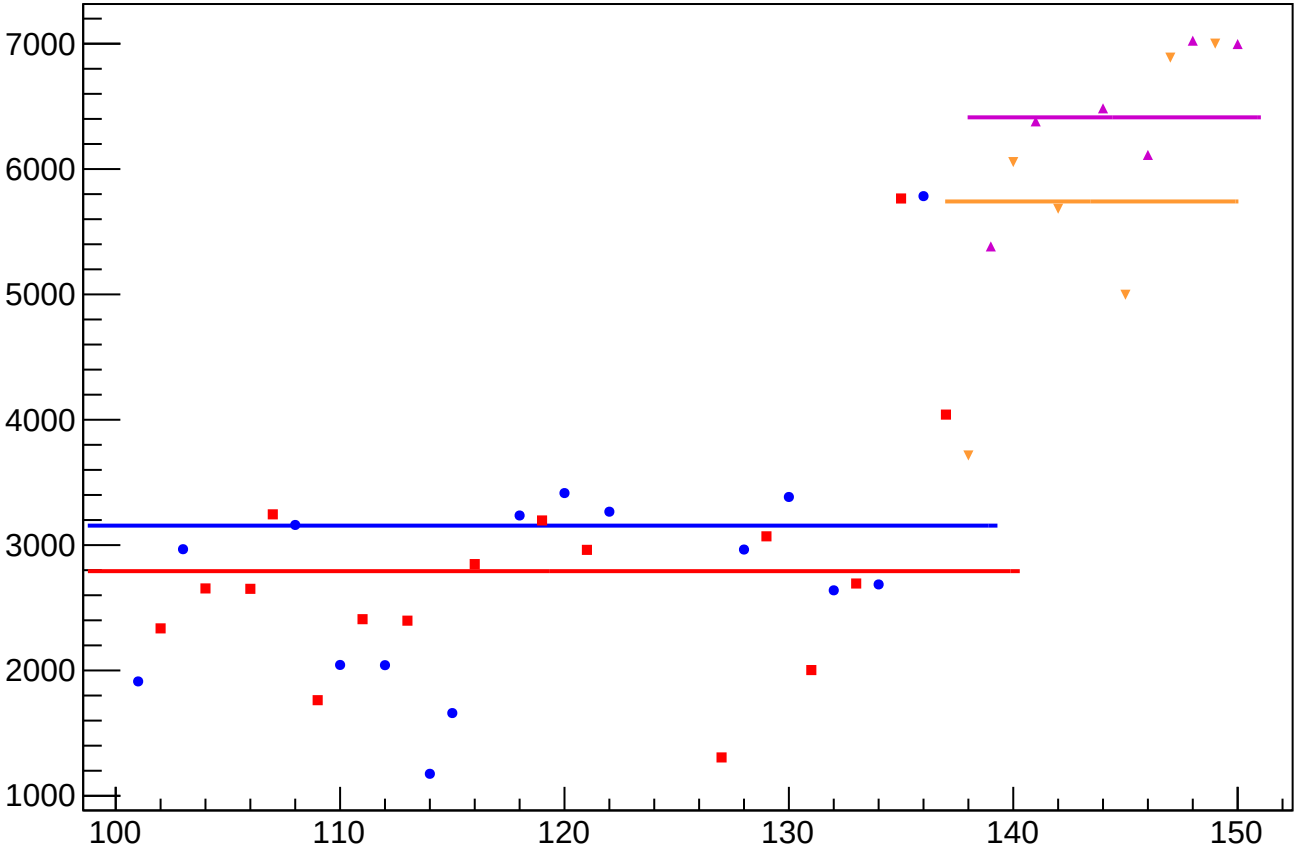
- sign 0.617+/-0.000 χ^2/NDF: 22725663752240157

dit_4eY_coil3_Ndata_mean vs Slug



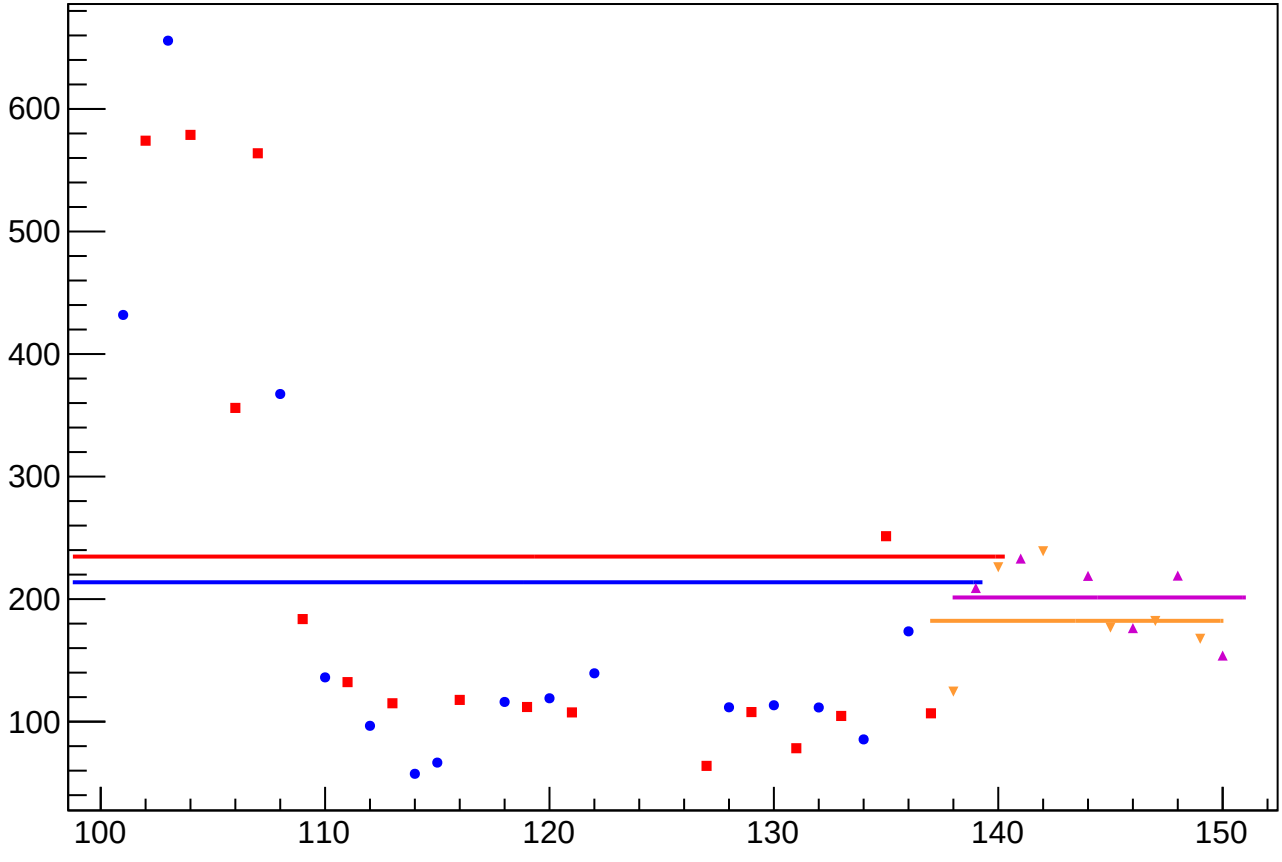
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14
+ sign 4212.949+/-0.000 χ^2/NDF: 3287685272529 2
Left Out: 5741.517+/-0.000 χ^2/NDF:6092353931700434421760871392007044464 64.0/5
All: 4292.304+/-0.000 χ^2/NDF: 7932629810 9
Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15
- sign 4366.144+/-0.000 χ^2/NDF: 46315963807297
Left Out: 6412.520+/-0.000 χ^2/NDF:1564302409333727802327197082818550 16960.0/5

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Left Out: 182.278+/-0.000 χ^2/NDF:5856542154521198299193591208083456 00.0/5

Right Out: 234.712+/-0.000 χ^2/NDF: 24013134107167214895189050481067425792.0/15

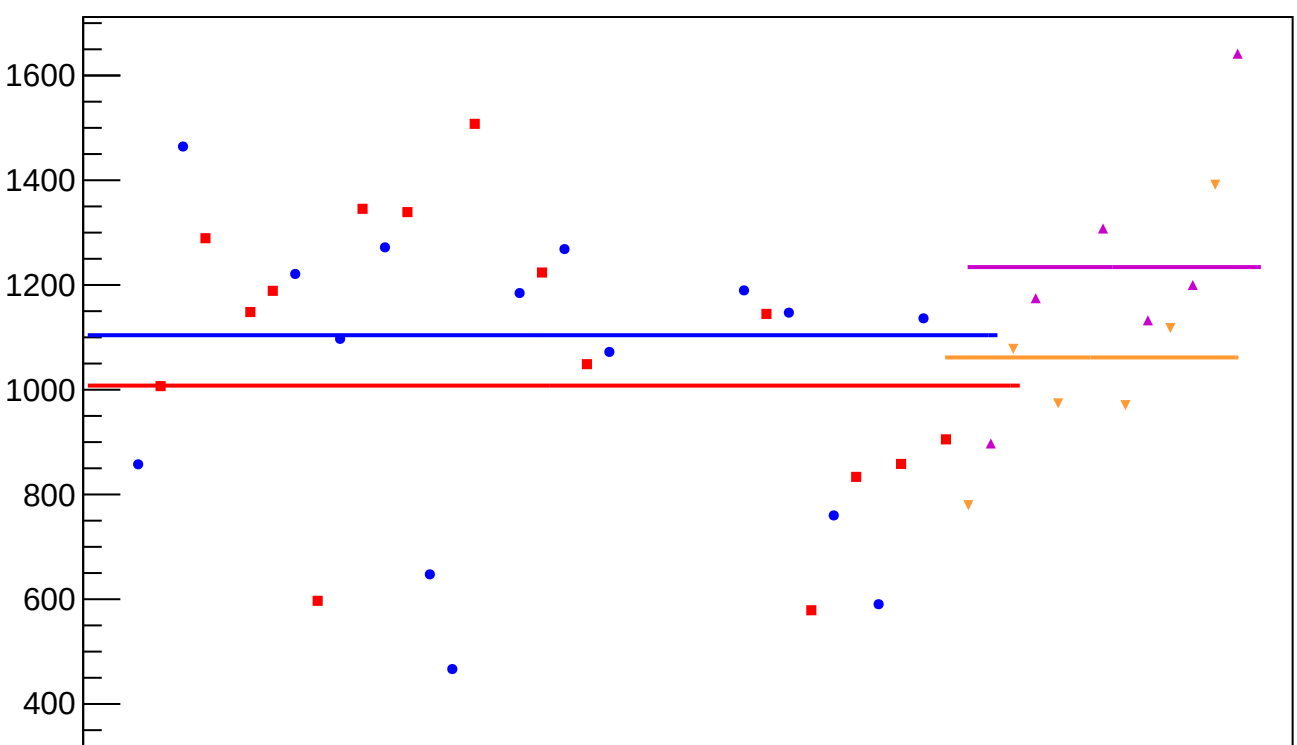
Left In: 201.344+/-0.000 χ^2/NDF:40128055830101505244343950755705 6512.0/5

+ sign 200.874+/-0.000 χ^2/NDF: 205664817345881

All: 210.888+/-0.000 χ^2/NDF: 45516334576 9

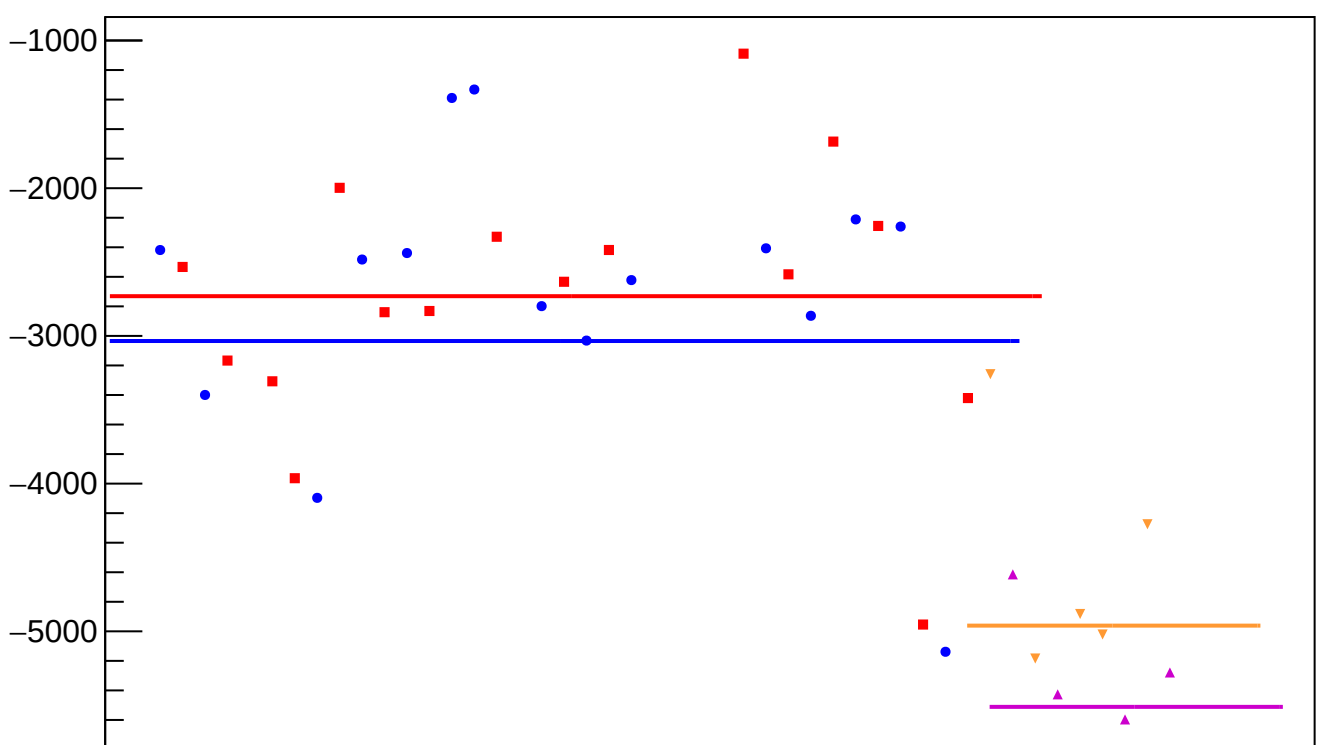
- sign 220.205+/-0.000 χ^2/NDF: 247372965438066

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.747+/-0.000 χ^2/NDF: 4985498660289 5
Left Out: 1061.648+/-0.000 χ^2/NDF:1663861781068181973459337402099590758 4.0/5
All: 1096.865+/-0.000 χ^2/NDF: 1600336001 0
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left Out: 1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14

Left Out: -4961.357+/-0.000 χ^2/NDF:4468694732176120434208784049812956774 40.0/6

Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

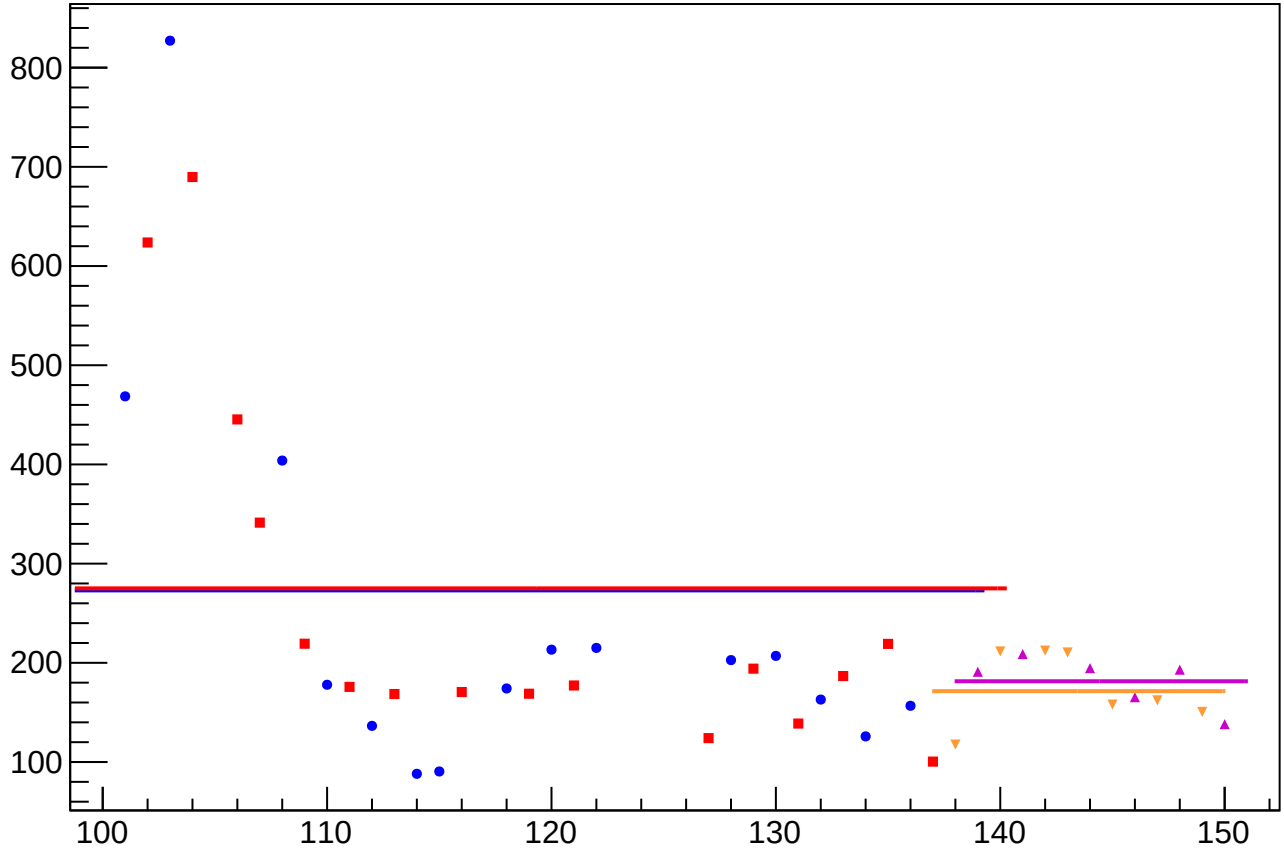
Left In: -5511.360+/-0.000 χ^2/NDF:1189537870505703051708789564417066926 08.0/5

+ sign -3887.956+/-0.000 χ^2/NDF: 2144787265789

All: -3914.028+/-0.000 χ^2/NDF: 5035176828

- sign -3939.769+/-0.000 χ^2/NDF: 2888815748732

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 171.438+/-0.000 χ^2/NDF:5948484692355874293743588121635717 12.0/6

Right Out: 275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705 0112.0/15

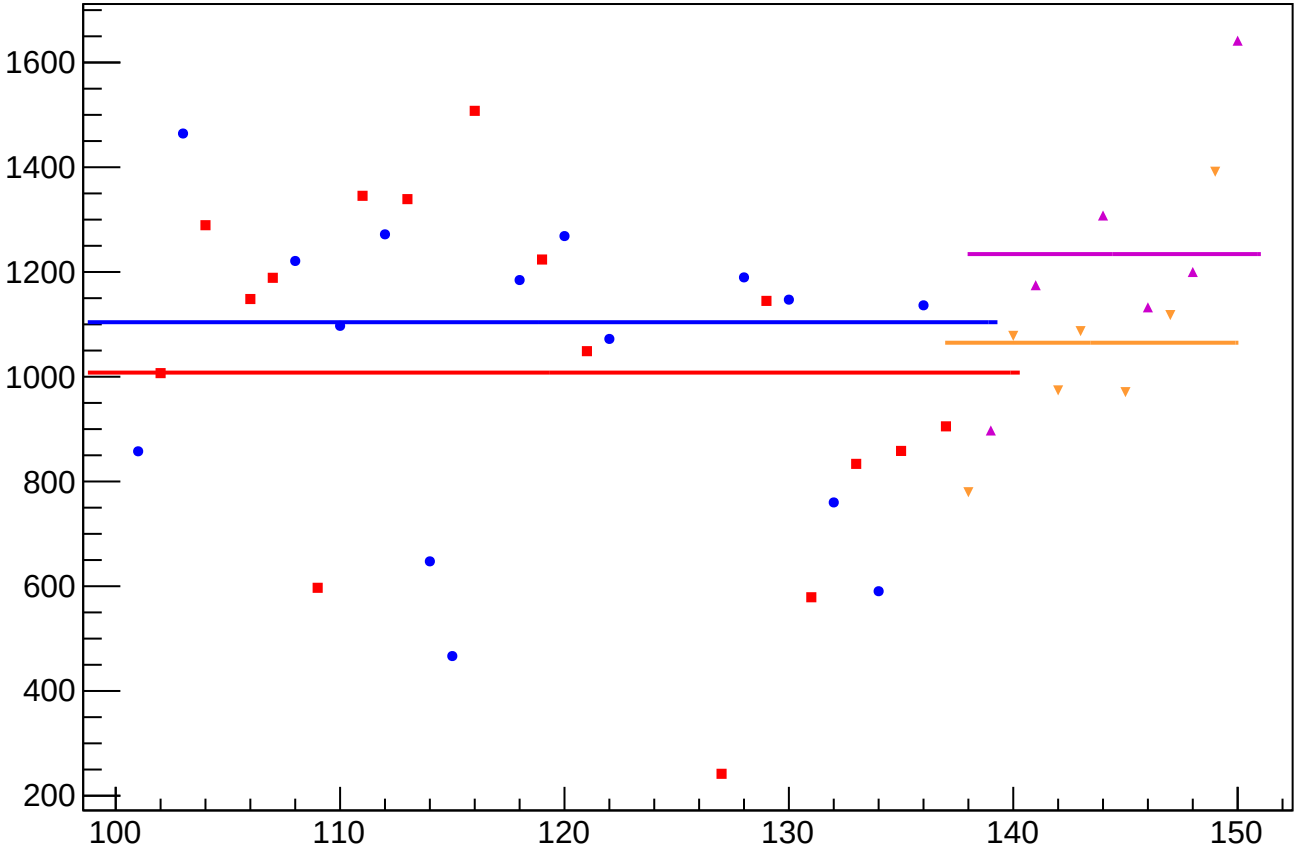
Left In: 181.416+/-0.000 χ^2/NDF:2901109715557839677113807387104378 88.0/5

+ sign 228.038+/-0.000 χ^2/NDF: 300480753081608

All: 231.209+/-0.000 χ^2/NDF: 55168165003 4

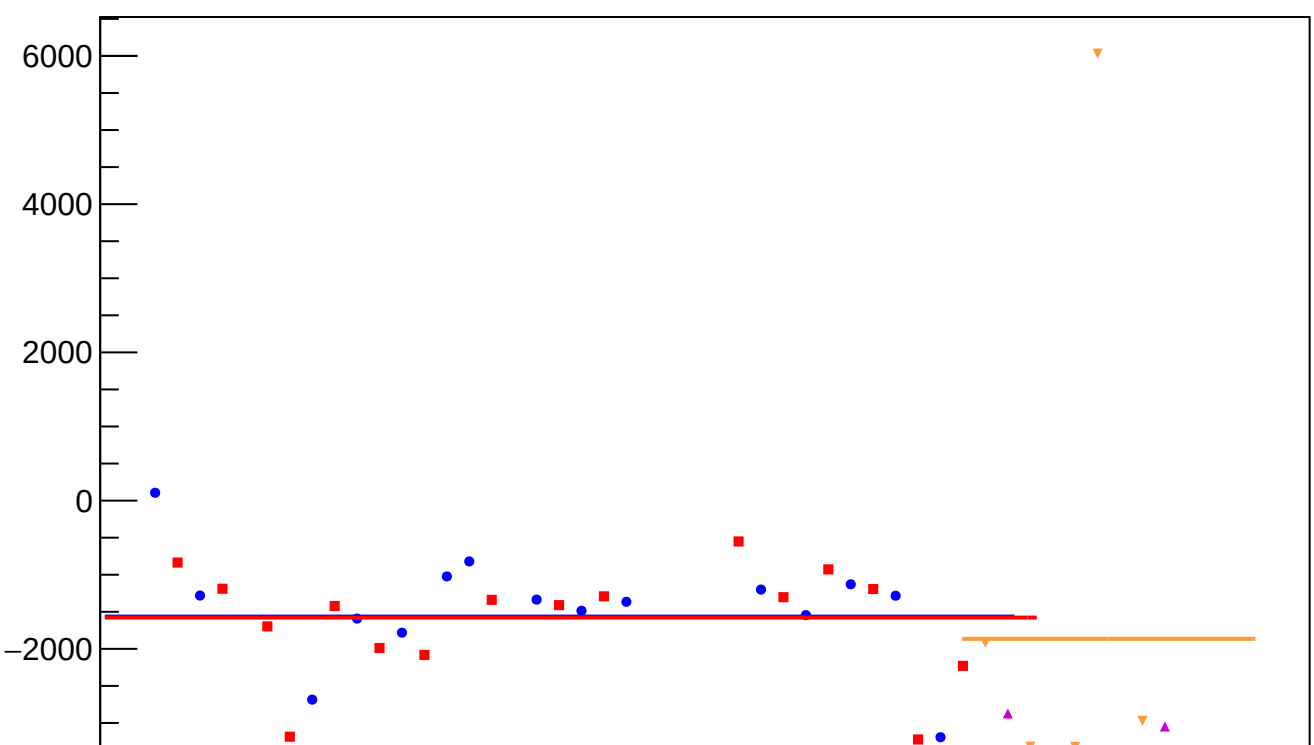
- sign 234.340+/-0.000 χ^2/NDF: 250968096209654

dit_usr_coil3_Ndata_mean vs Slug



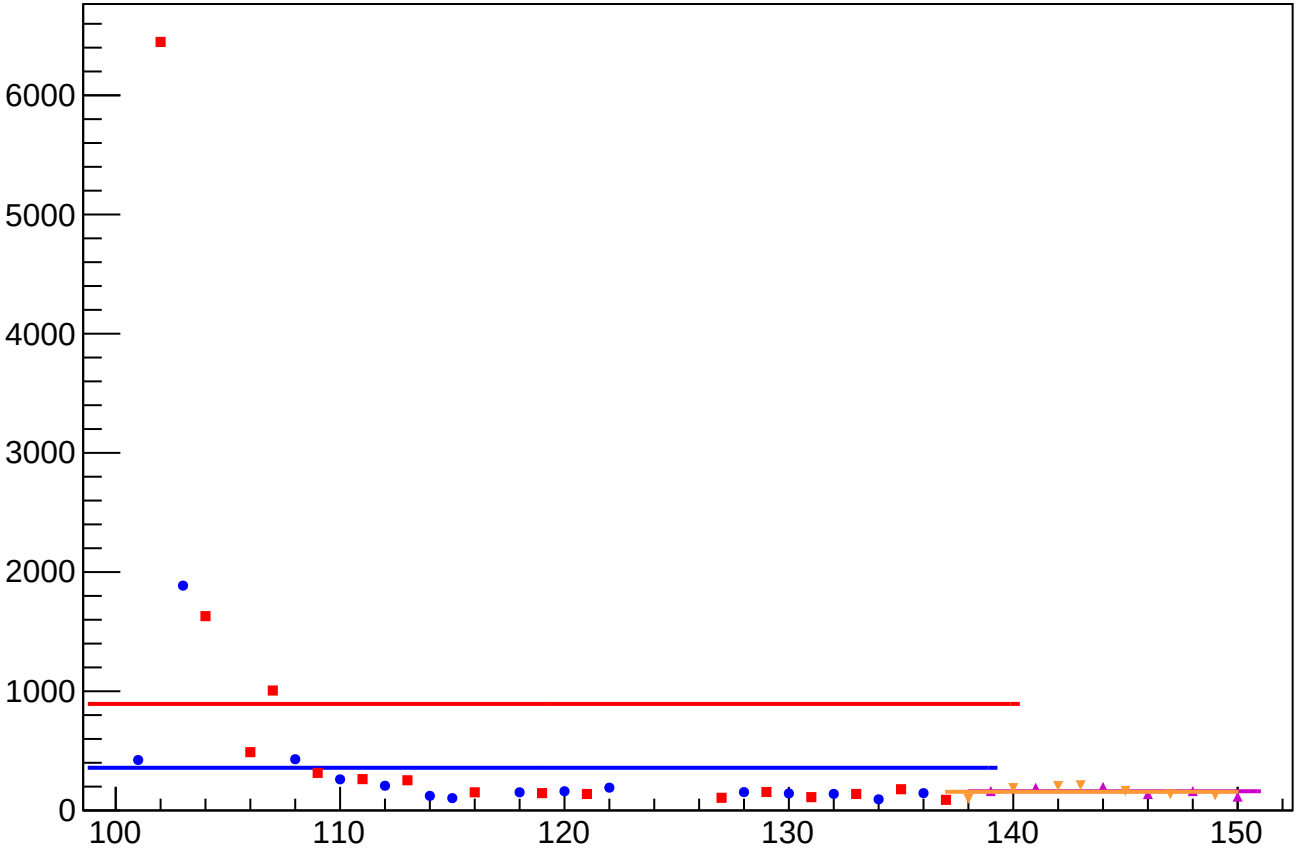
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_atl1_coil3_mean vs Slug



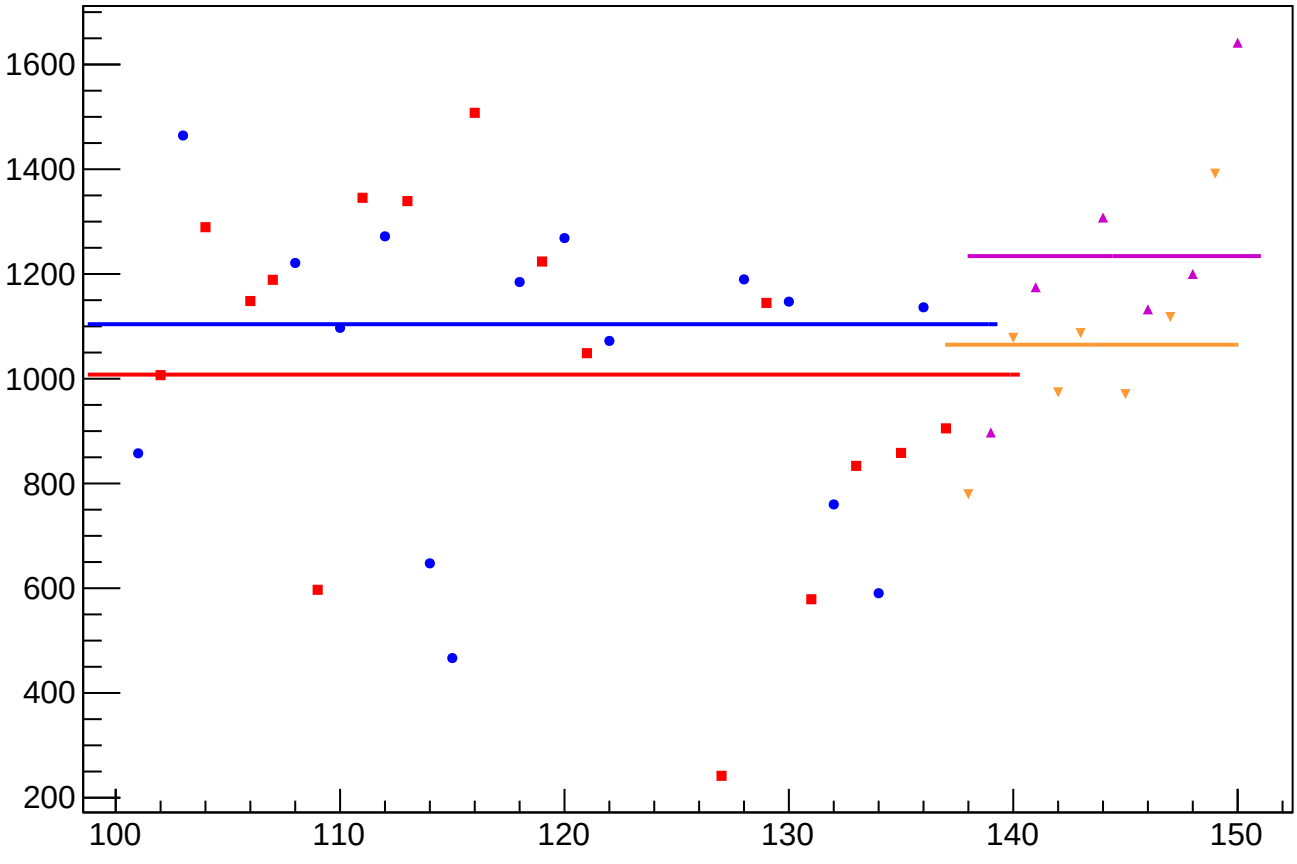
Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -1697.622+/-0.000 χ^2/NDF: 5439003858218
Left Out: -1864.937+/-0.000 χ^2/NDF:49291992216409986595260298504224857128 96.0/6
All: -2028.099+/-0.000 χ^2/NDF: 7038442155
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2354.375+/-0.000 χ^2/NDF: 1346584559235
Left In: -3363.583+/-0.000 χ^2/NDF:5378795010939963596172801319681130496 0.0/5

dit_atl1_coil3_err_mean vs Slug



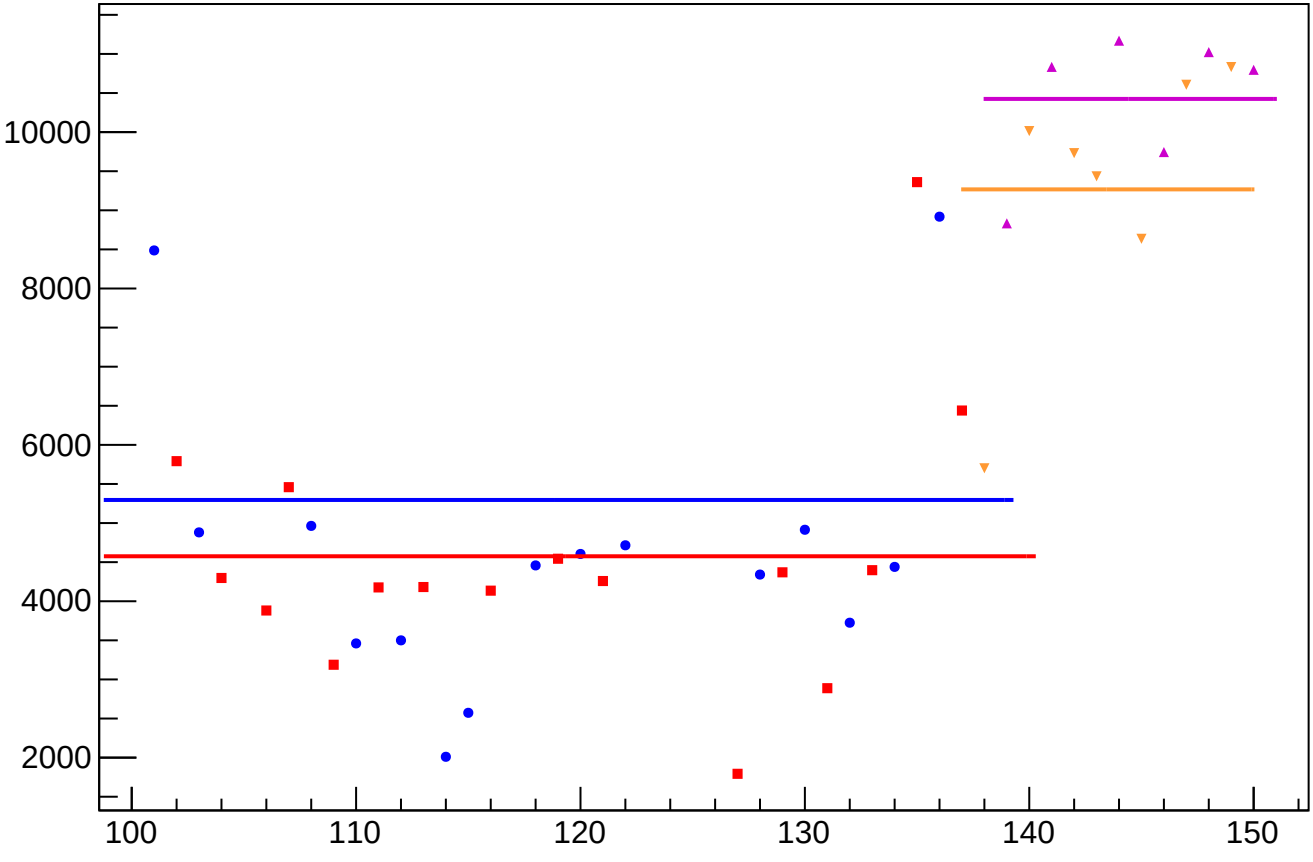
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
+ sign 268.978+/-0.000 χ^2/NDF: 17033195242066 3
Left Out: 156.911+/-0.000 χ^2/NDF:7761791137269538680665813343954534 40.0/6
All: 423.134+/-0.000 χ^2/NDF: 2457398597 60
Right Out: 893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15
- sign 575.329+/-0.000 χ^2/NDF: 223204887458080
Left In: 161.129+/-0.000 χ^2/NDF:4268309215171716654999710362113146 88.0/5

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9267.698+/-0.000 χ^2/NDF:1427447096726751498251099963871559942144.0/6

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

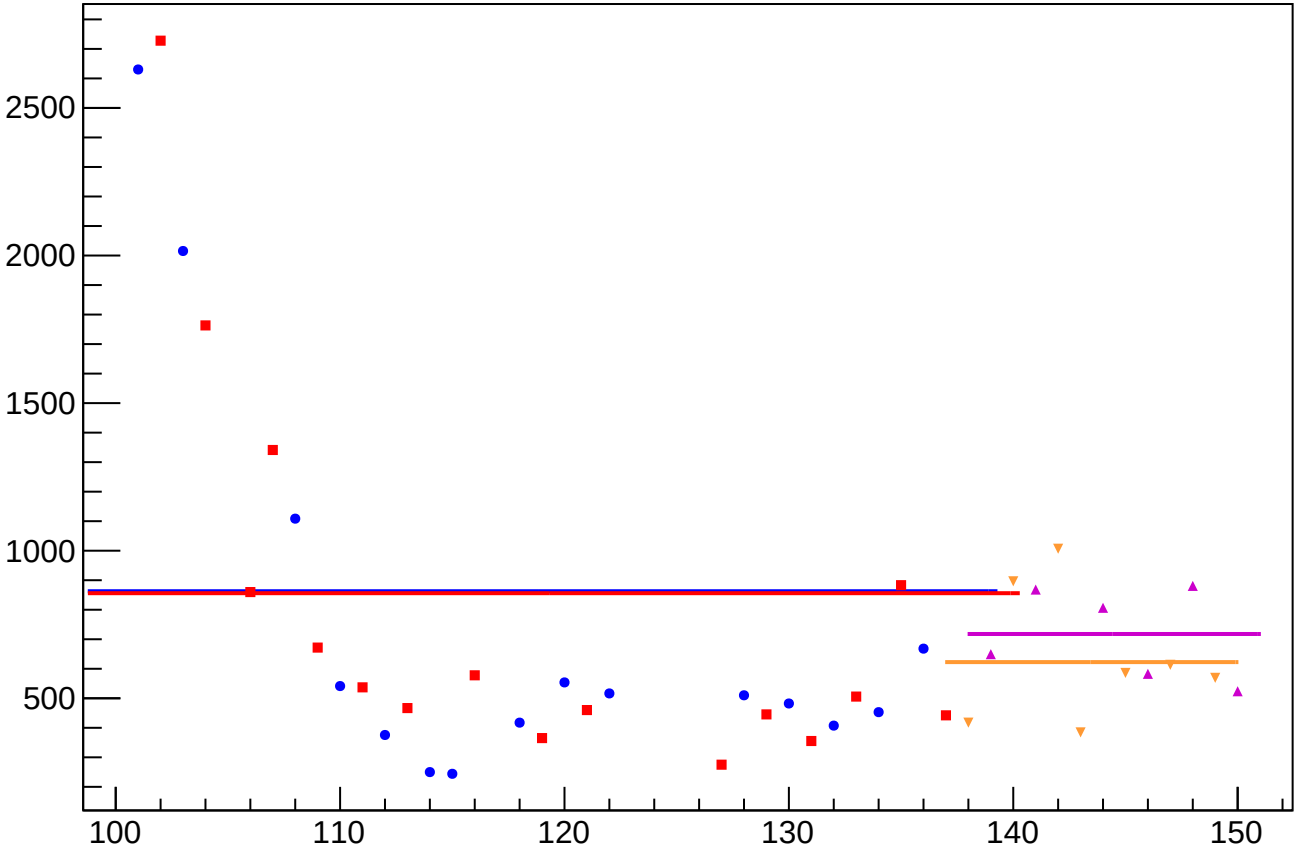
Left In: 10424.722+/-0.000 χ^2/NDF:3498384243966536924528902174510373928 96.0/5

+ sign 7054.851+/-0.000 χ^2/NDF: 8468678601270 2

All: 7086.776+/-0.000 χ^2/NDF: 2060602307 8

- sign 7118.295+/-0.000 χ^2/NDF: 1213498488783 0

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

Left Out: 622.605+/-0.000 χ^2/NDF:2036330286825430791188809021113604505 6.0/6

Right Out: 856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

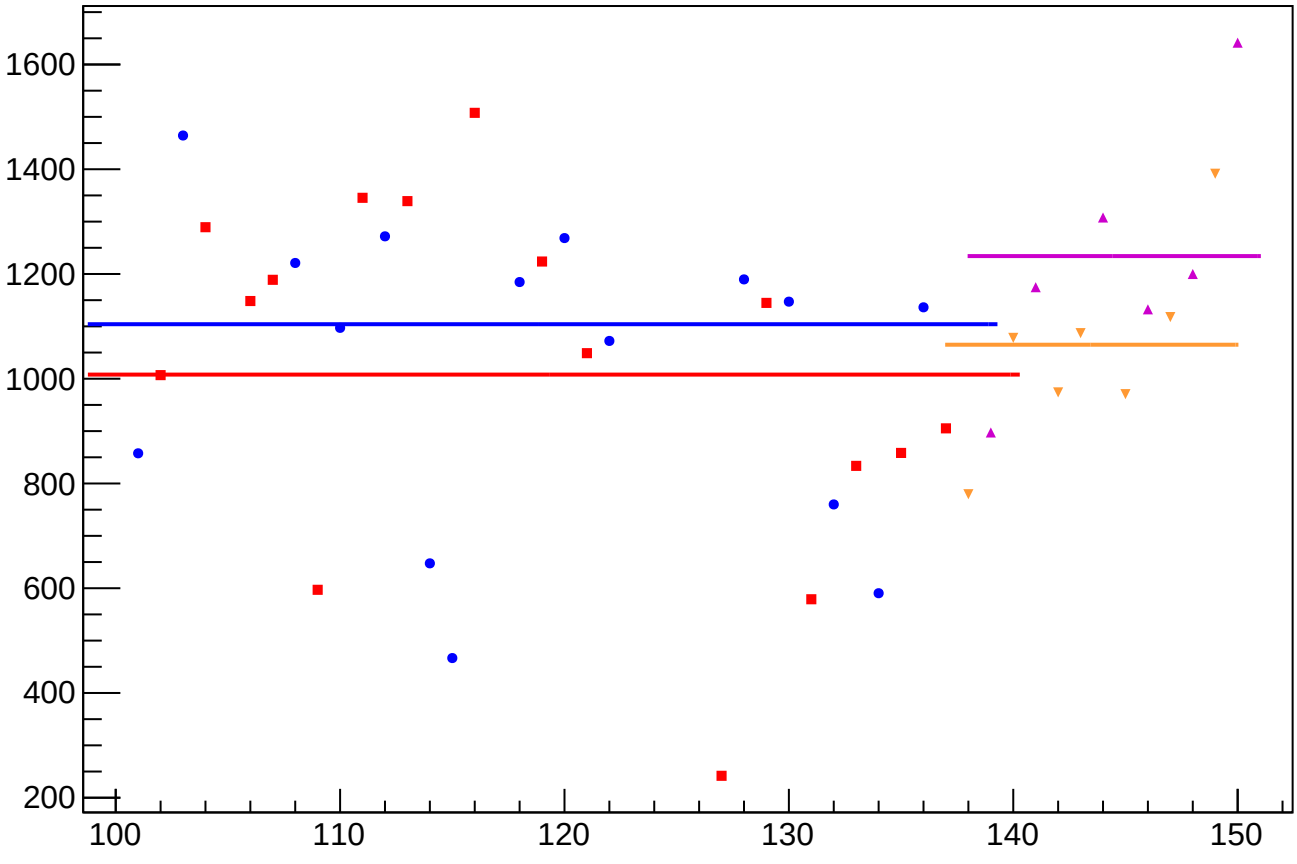
Left In: 717.841+/-0.000 χ^2/NDF:1017267600580137178830721743371370496 0.0/5

+ sign 756.348+/-0.000 χ^2/NDF: 374615342915343

All: 776.285+/-0.000 χ^2/NDF: 718443281185

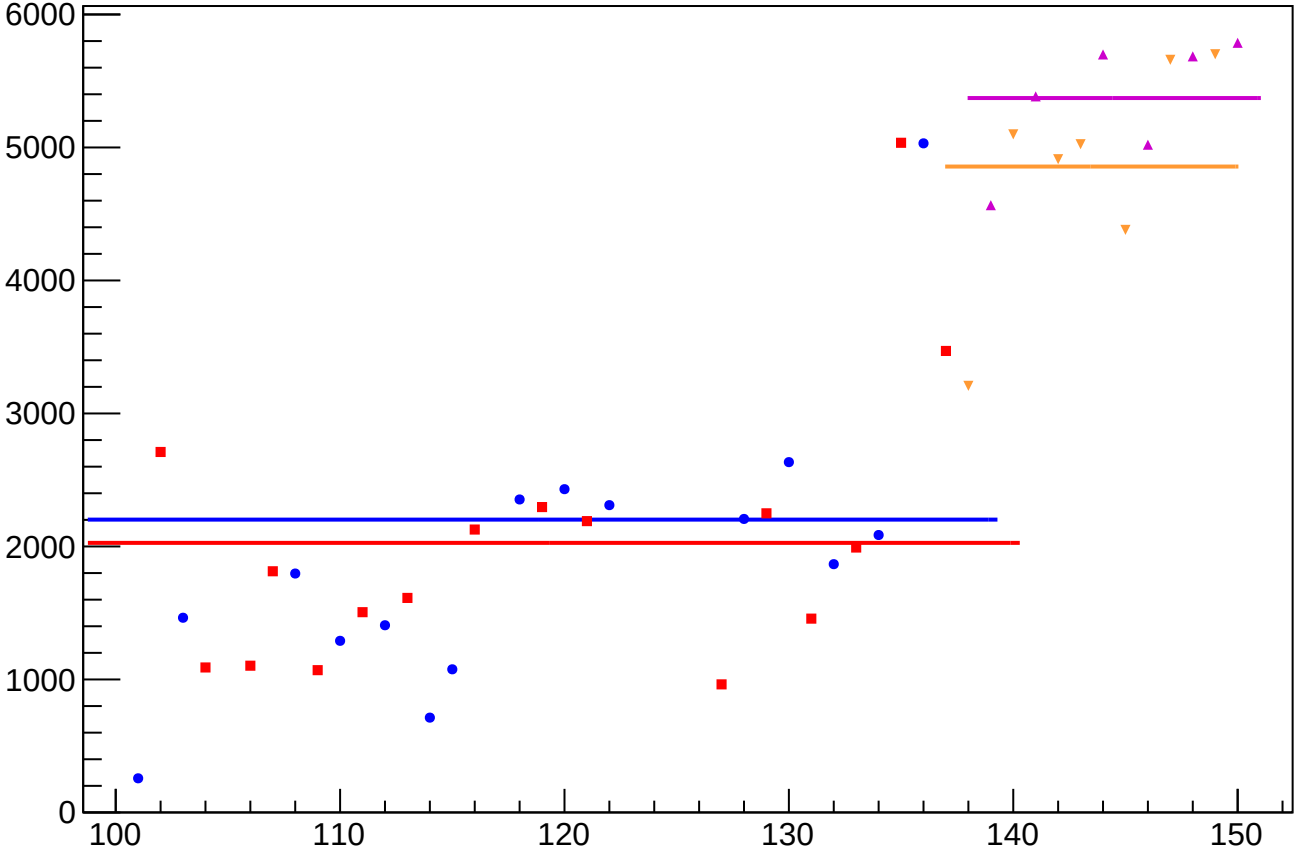
- sign 795.969+/-0.000 χ^2/NDF: 342907669198678

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

Left Out: 4856.506+/-0.000 χ^2/NDF:34737610138796699679358283364555974246 4.0/6

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

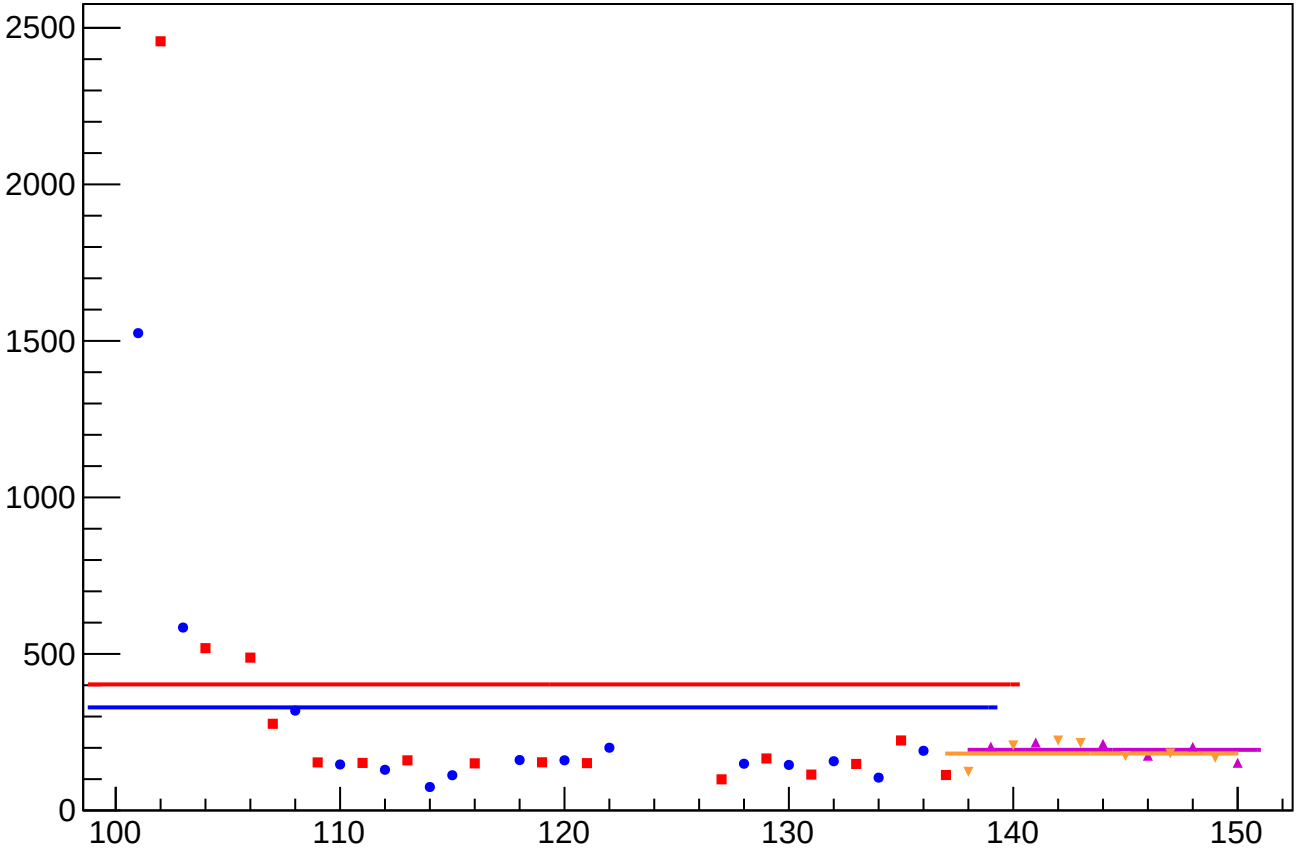
Left In: 5371.598+/-0.000 χ^2/NDF:9631318001875389820519283770145741209 6.0/5

+ sign 3377.643+/-0.000 χ^2/NDF: 3459676541620 9

All: 3429.668+/-0.000 χ^2/NDF: 7514704301 9

- sign 3481.032+/-0.000 χ^2/NDF: 4048761349932 6

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14

Left Out: 181.736+/-0.000 χ^2/NDF:4966160600998221767279623841062584 32.0/6

Right Out: 402.690+/-0.000 χ^2/NDF: 2776360567932933742421160535150034944 00.0/15

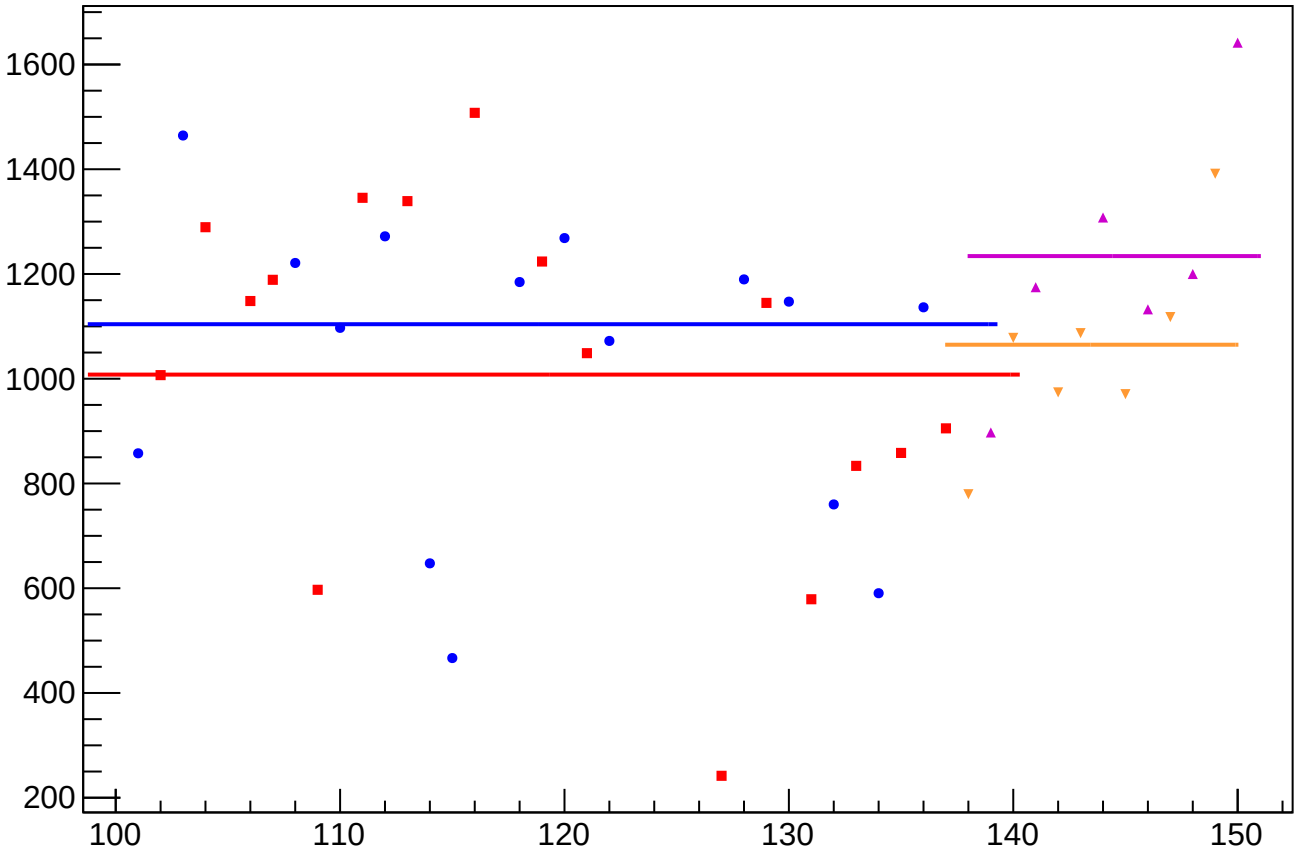
Left In: 193.654+/-0.000 χ^2/NDF:2787934558349941223137942479076065 28.0/5

+ sign 263.902+/-0.000 χ^2/NDF: 110034954159622

All: 288.010+/-0.000 χ^2/NDF: 401966238424

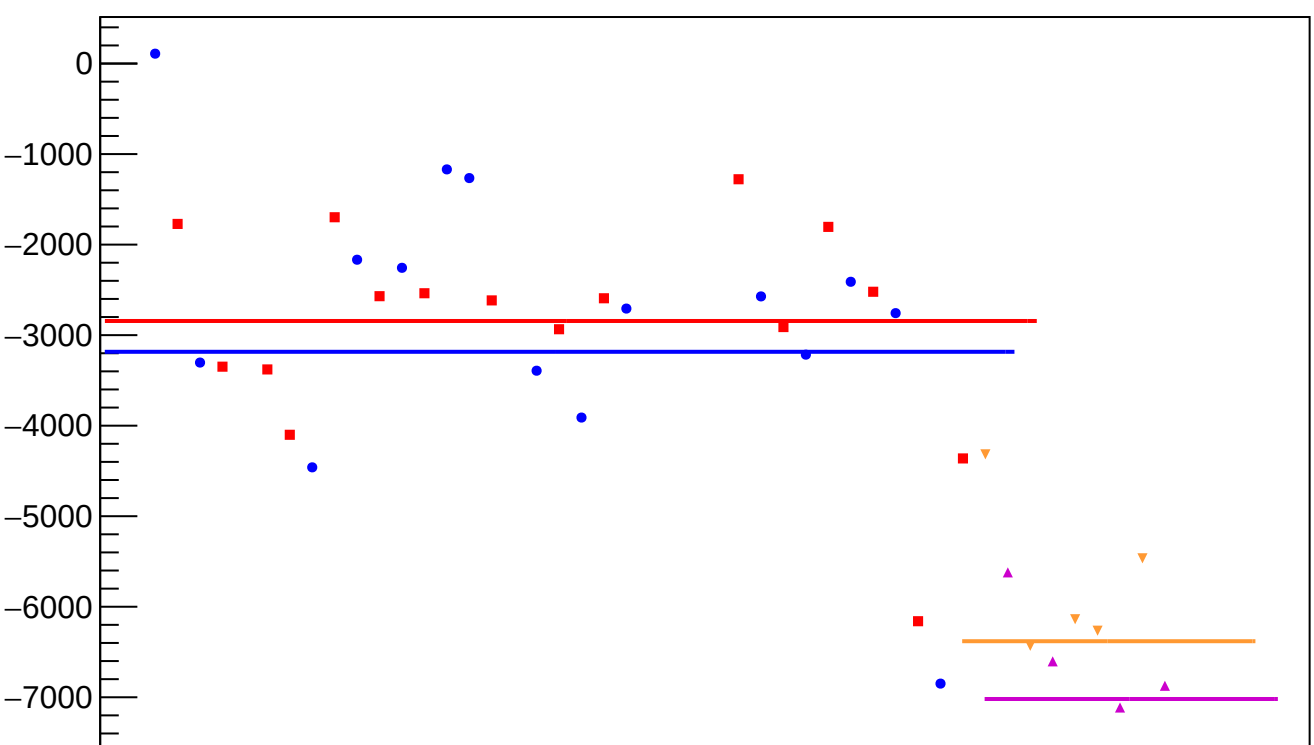
- sign 311.812+/-0.000 χ^2/NDF: 290585649702264

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

+ sign -4599.871+/-0.000 χ^2/NDF: 5863207593171

Left Out: -6380.777+/-0.000 χ^2/NDF:7905490868632429656369961447020812042 24.0/6

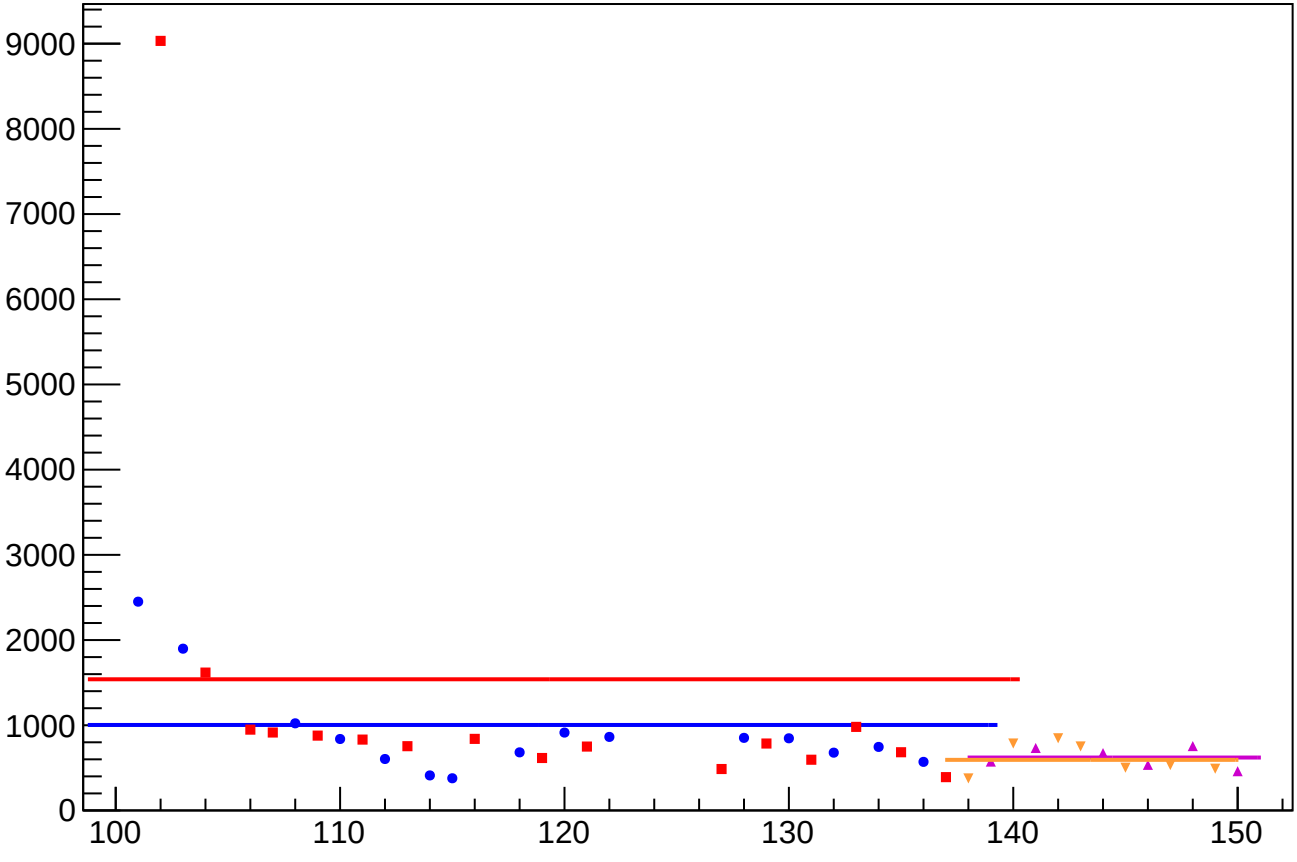
All: -4629.559+/-0.000 χ^2/NDF: 1217678020

Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

- sign -4658.870+/-0.000 χ^2/NDF: 6311532076457

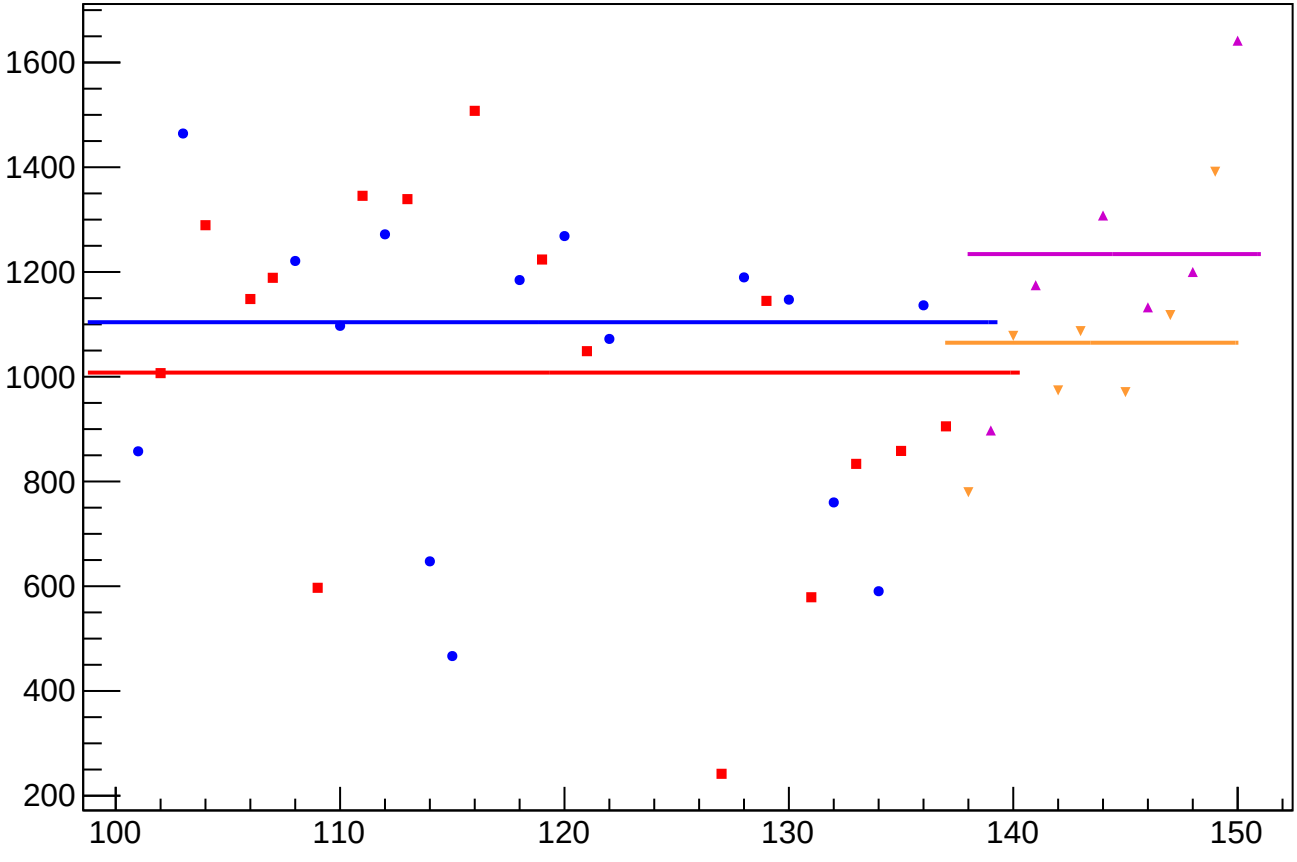
Left In: -7019.078+/-0.000 χ^2/NDF:3088359938897993563375777962966751641 60.0/5

dit_atr2_coil3_err_mean vs Slug



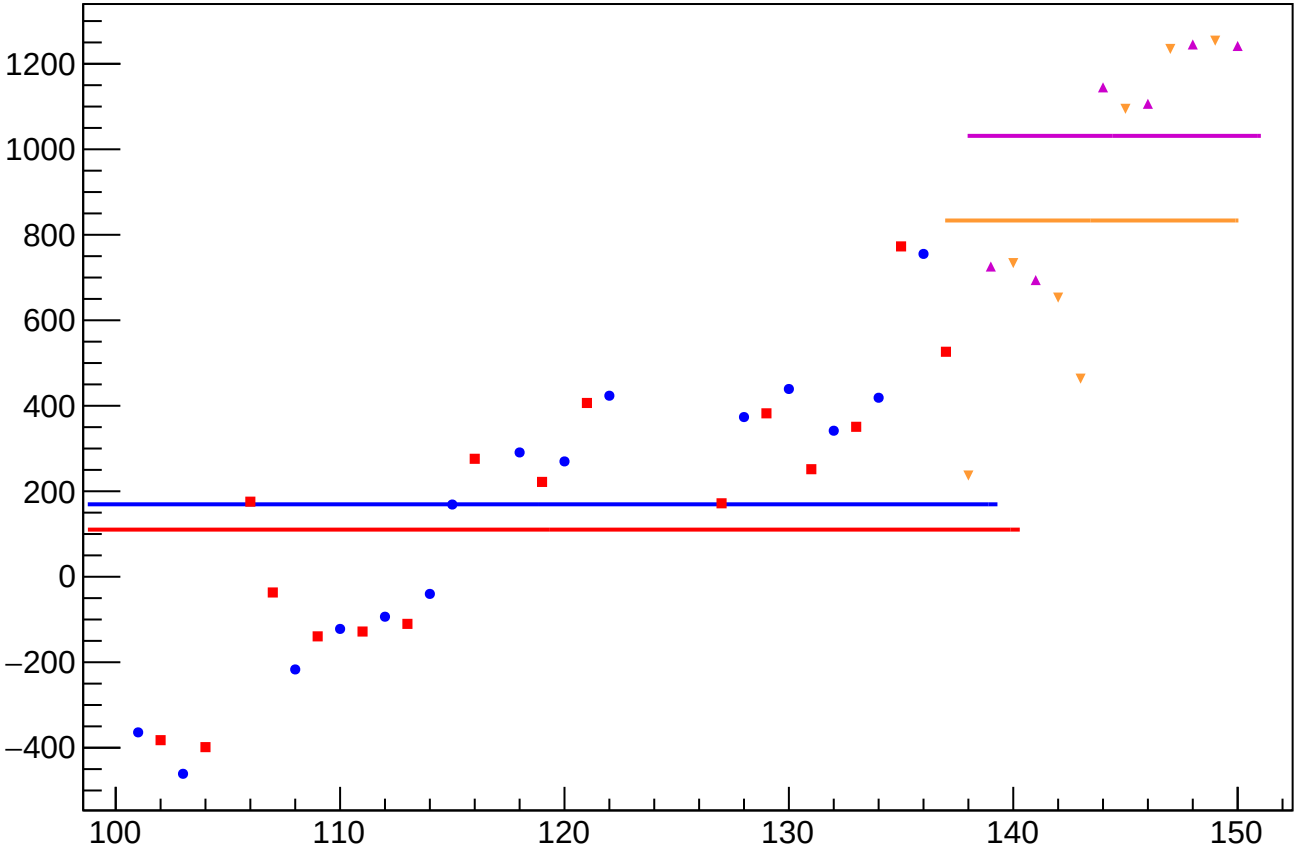
Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14
+ sign 822.028+/-0.000 χ^2/NDF: 281238688750284
Left Out: 593.899+/-0.000 χ^2/NDF:132184110892786695557569145723808645 12.0/6
All: 982.152+/-0.000 χ^2/NDF: 420599124444
Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15
- sign 1140.240+/-0.000 χ^2/NDF: 38653919425863
Left In: 621.037+/-0.000 χ^2/NDF:59652290852948441697266137682505891 84.0/5

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 833.464+/-0.000 χ^2/NDF:722059930490539082712453846121515581 44.0/6

Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

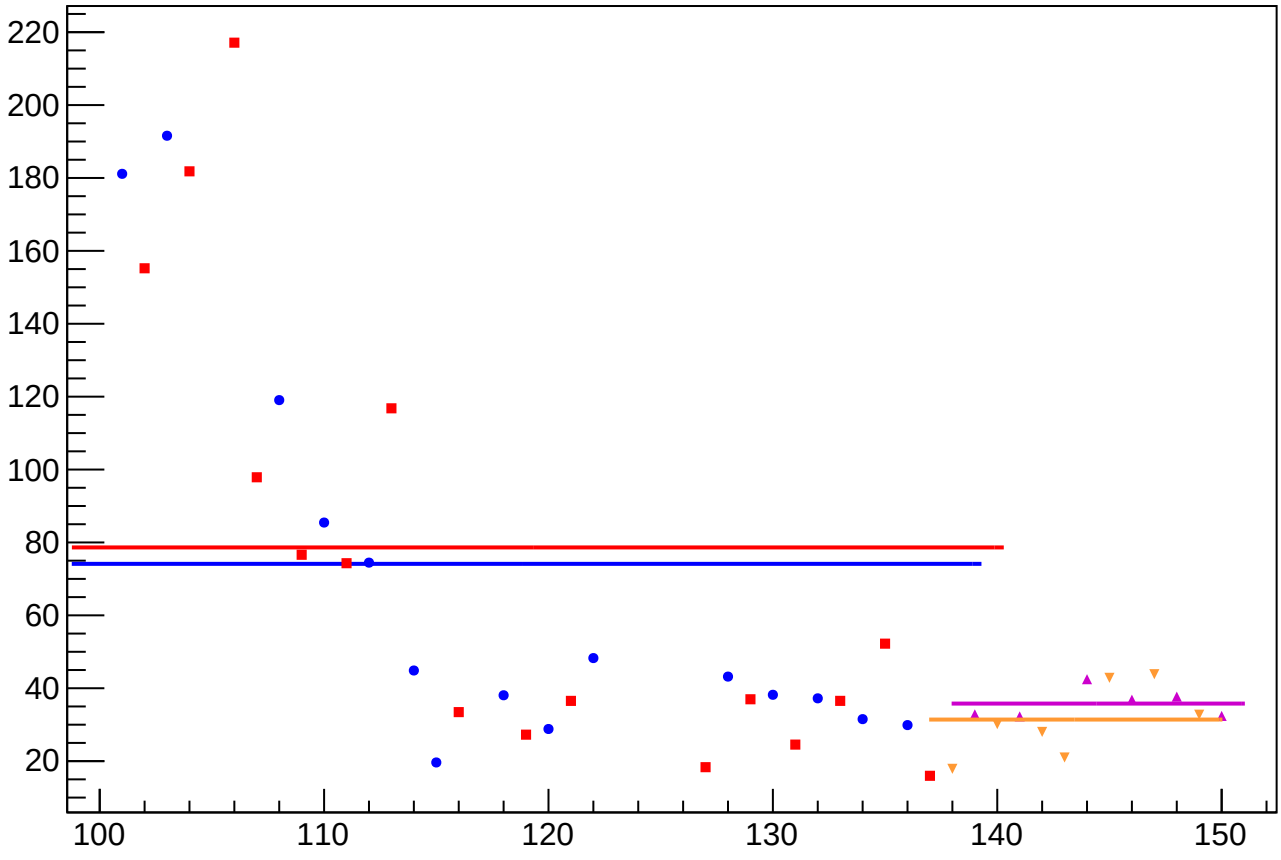
Left In: 1031.452+/-0.000 χ^2/NDF:267198104994053638980348805620967669 76.0/5

+ sign 463.576+/-0.000 χ^2/NDF: 2943696164483 12

All: 487.319+/-0.000 χ^2/NDF: 6402214700 20

- sign 510.760+/-0.000 χ^2/NDF: 3445466898267 42

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

+ sign 55.206+/-0.000 χ^2/NDF: 2738062802059179

Left Out: 31.406+/-0.000 χ^2/NDF:4501563390031696057305067737946521 6.0/6

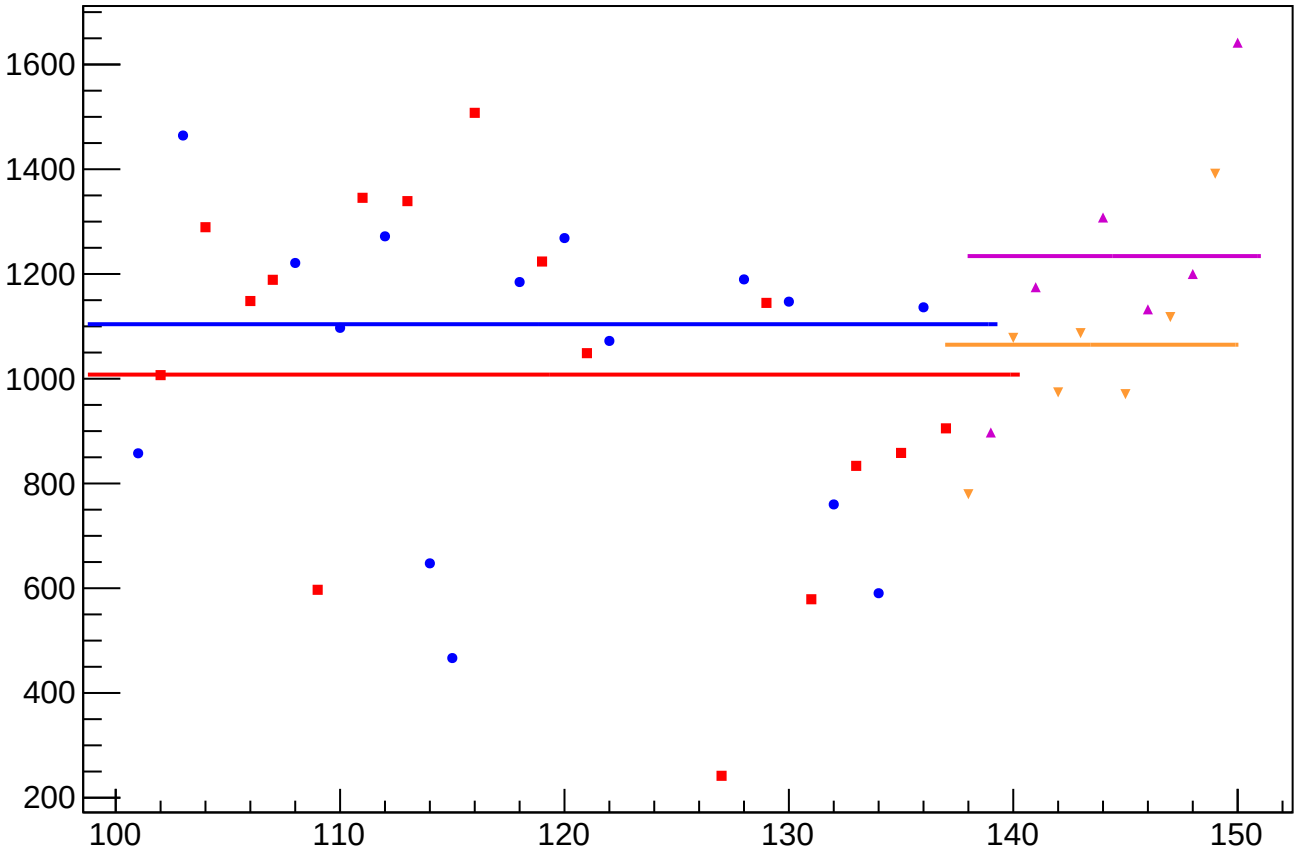
All: 57.622+/-0.000 χ^2/NDF: 5634219659931

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

- sign 60.008+/-0.000 χ^2/NDF: 2882641295313427

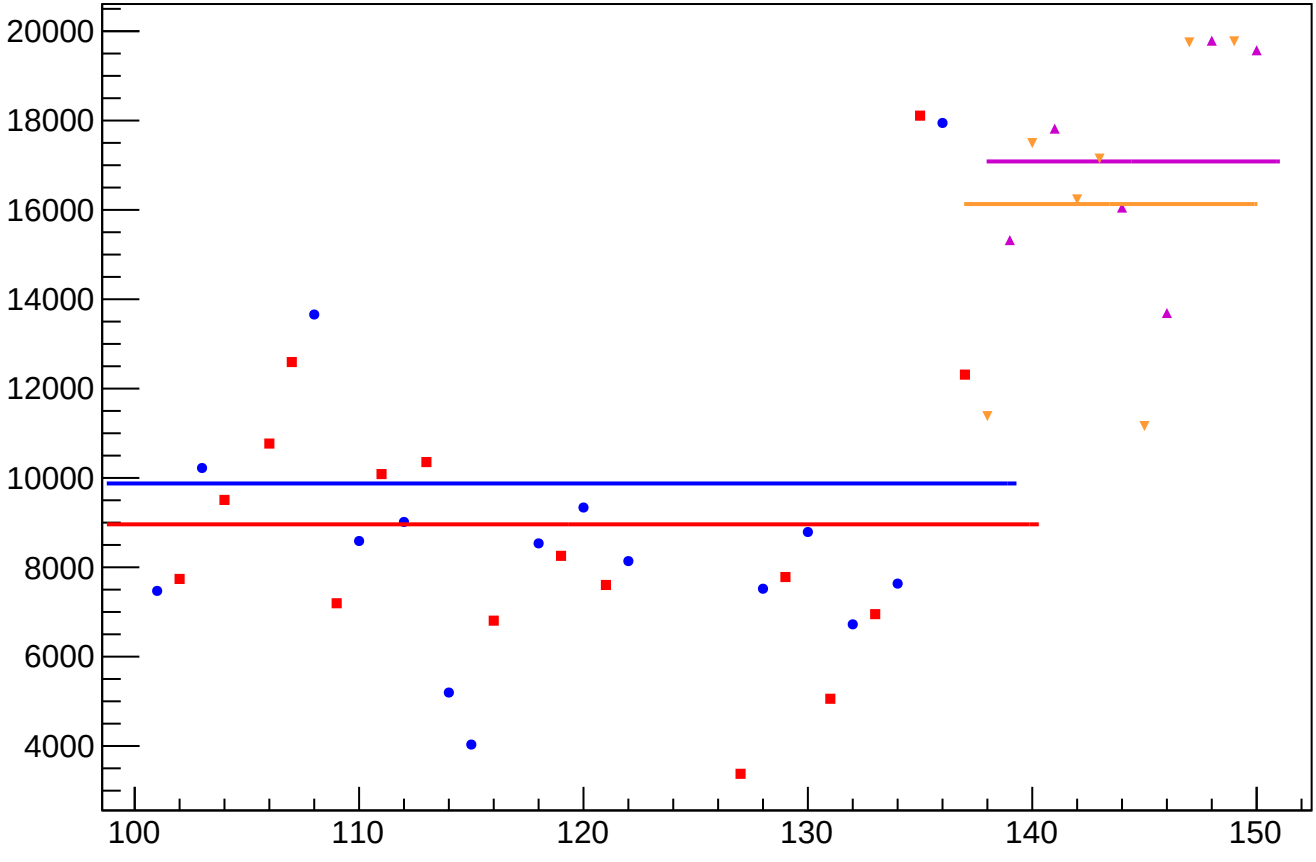
Left In: 35.791+/-0.000 χ^2/NDF:7183109109118443250604068785094656.0/5

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284339 2.0/5

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Left Out: 16130.952+/-0.000 χ^2/NDF:6115865178935606266683423902715621670912.0/6

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

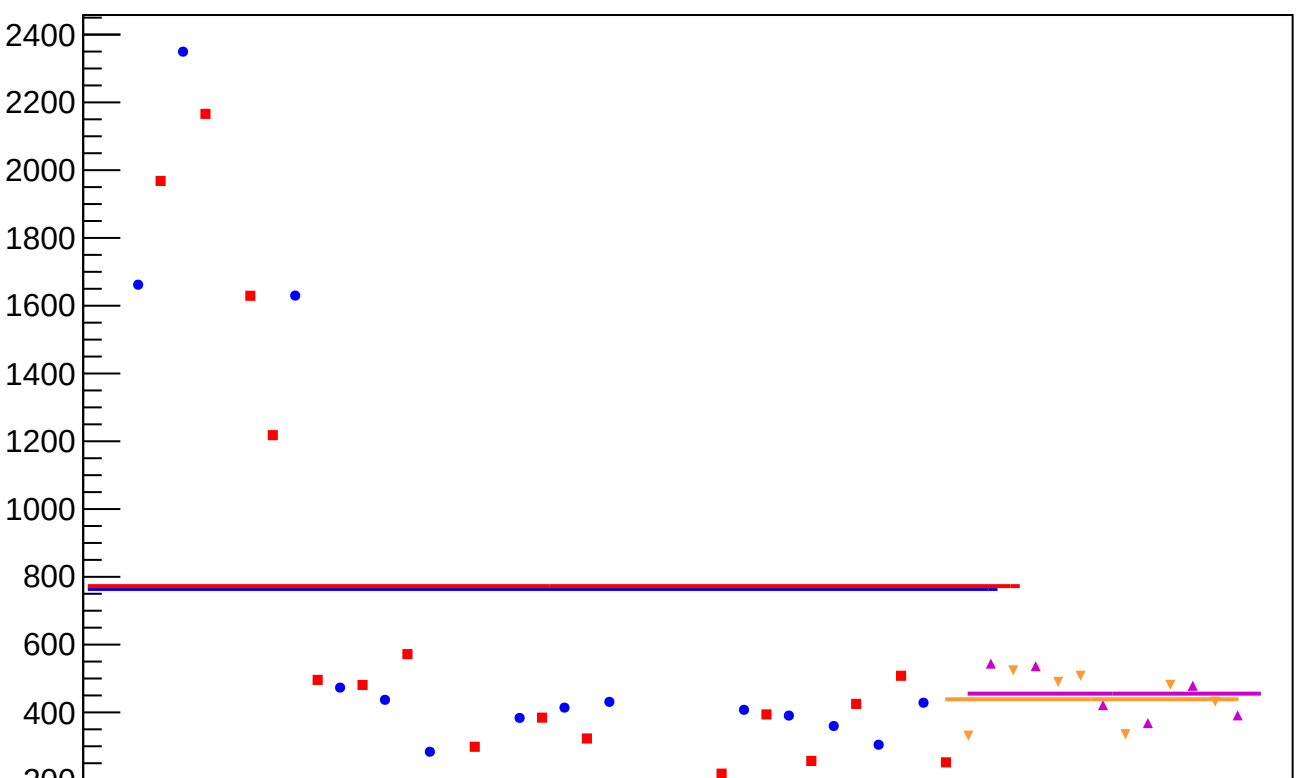
Left In: 17084.614+/-0.000 χ^2/NDF:2524208930043987303377617585754769195008.0/5

+ sign 12646.729+/-0.000 χ^2/NDF: 2584379240526

All: 12569.394+/-0.000 χ^2/NDF: 5509916286

- sign 12493.042+/-0.000 χ^2/NDF: 2924152390357

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF: 290964758058269480005067205020030599168.0/14

+ sign 620.062+/-0.000 χ^2/NDF: 324387782269426

Left Out: 438.667+/-0.000 χ^2/NDF:294525377900705728434462791431513702 4.0/6

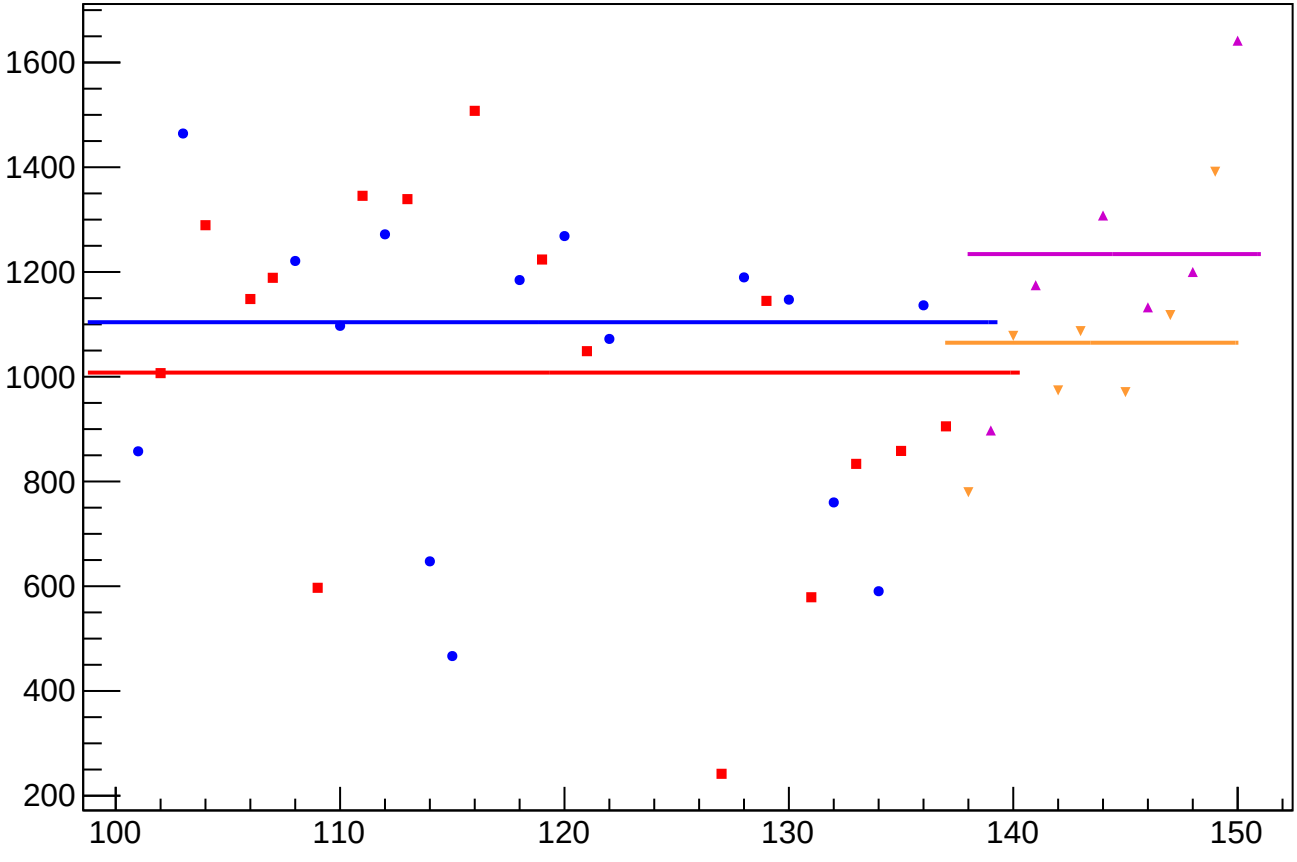
All: 627.393+/-0.000 χ^2/NDF: 641938151571

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

- sign 634.630+/-0.000 χ^2/NDF: 317425961207170

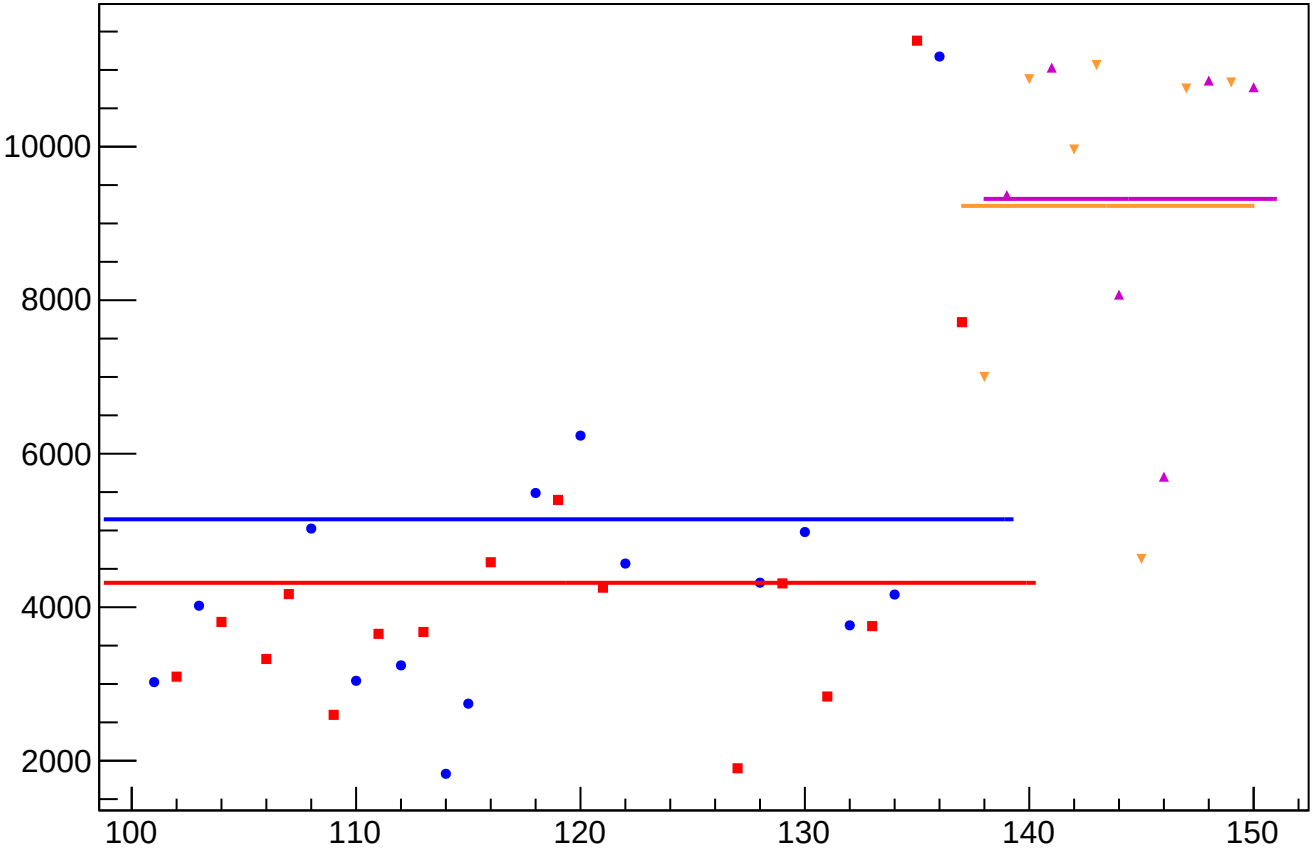
Left In: 455.310+/-0.000 χ^2/NDF:23408680206560784094658909426459607 04.0/5

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

+ sign 6954.170+/-0.000 χ^2/NDF: 12039853342253

Left Out: 9228.832+/-0.000 χ^2/NDF:297446149934534971066574892356997847449 6.0/6

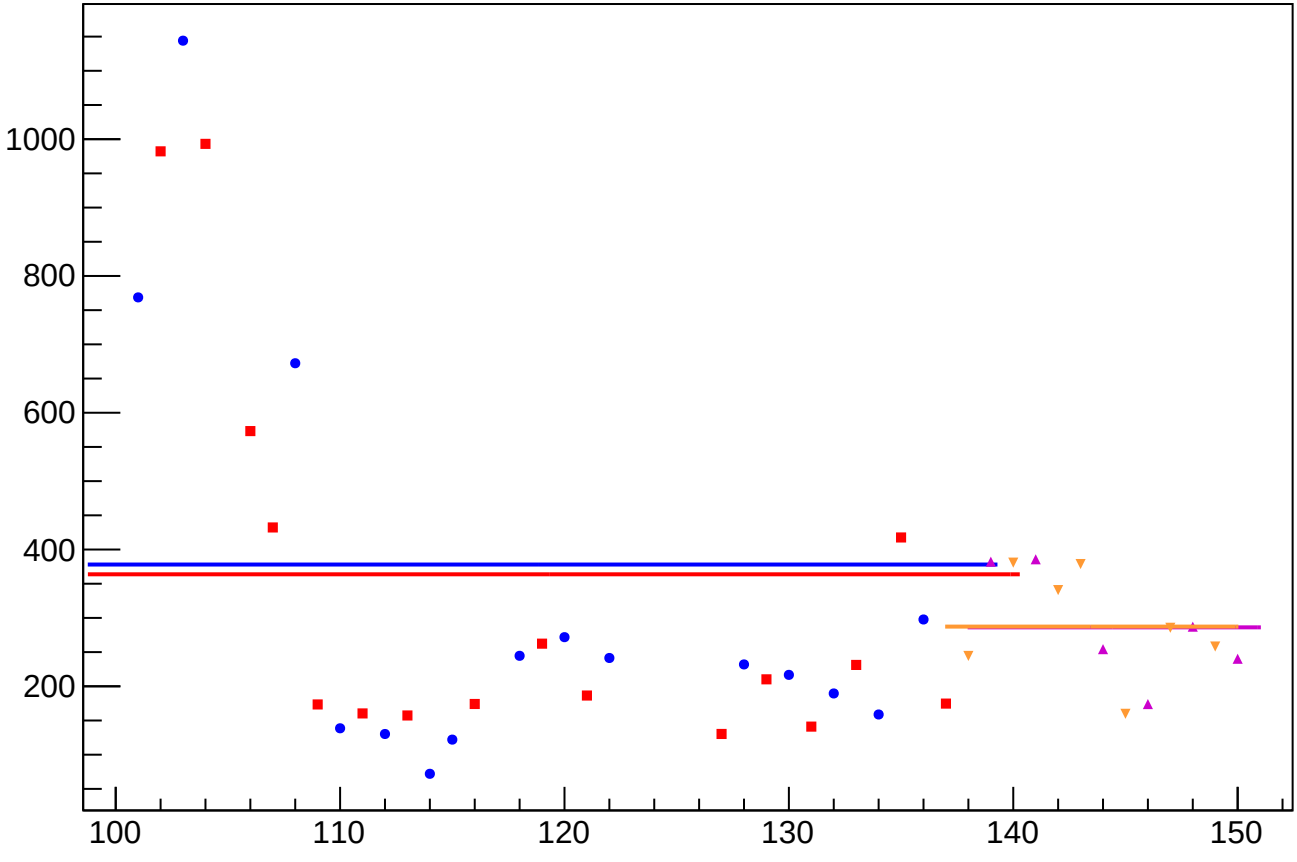
All: 6721.956+/-0.000 χ^2/NDF: 2463147452 7

Right Out: 4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

- sign 6492.694+/-0.000 χ^2/NDF: 12466778109462

Left In: 9320.056+/-0.000 χ^2/NDF:18666190104229181072670545285701823365 12.0/5

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 287.298+/-0.000 χ^2/NDF:294106271157211875871223958139725 4144.0/6

Right Out: 363.772+/-0.000 χ^2/NDF: 590313374847098018041814393427066880 00.0/15

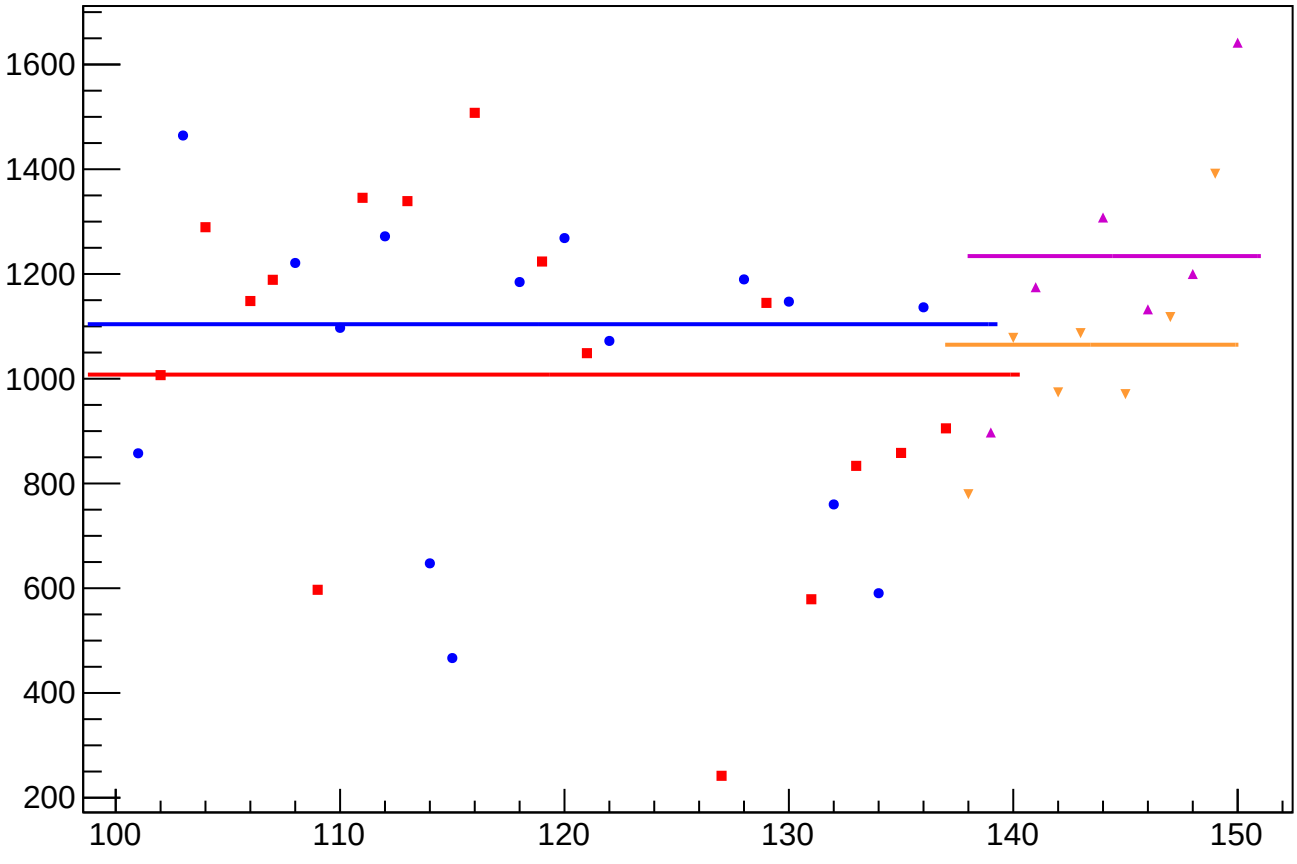
Left In: 286.199+/-0.000 χ^2/NDF:291560207703254948266176159454068736 0.0/5

+ sign 337.855+/-0.000 χ^2/NDF: 668252253768547

All: 333.926+/-0.000 χ^2/NDF: 13055286172 8

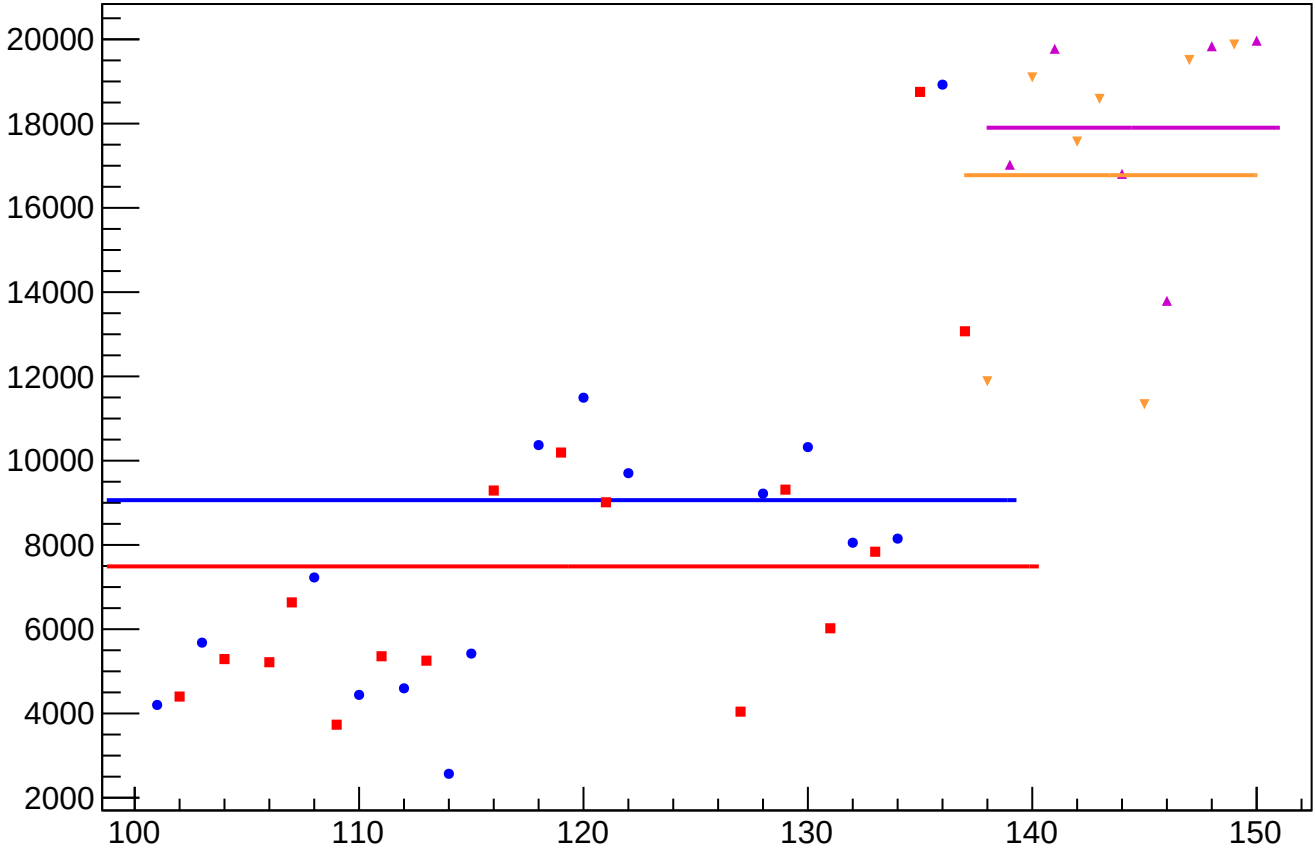
- sign 330.048+/-0.000 χ^2/NDF: 636919020641739

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 12478.994+/-0.000 χ^2/NDF: 370633769226 9

Left Out: 16775.831+/-0.000 χ^2/NDF:6341021444494413094683985916388125442048.0/6

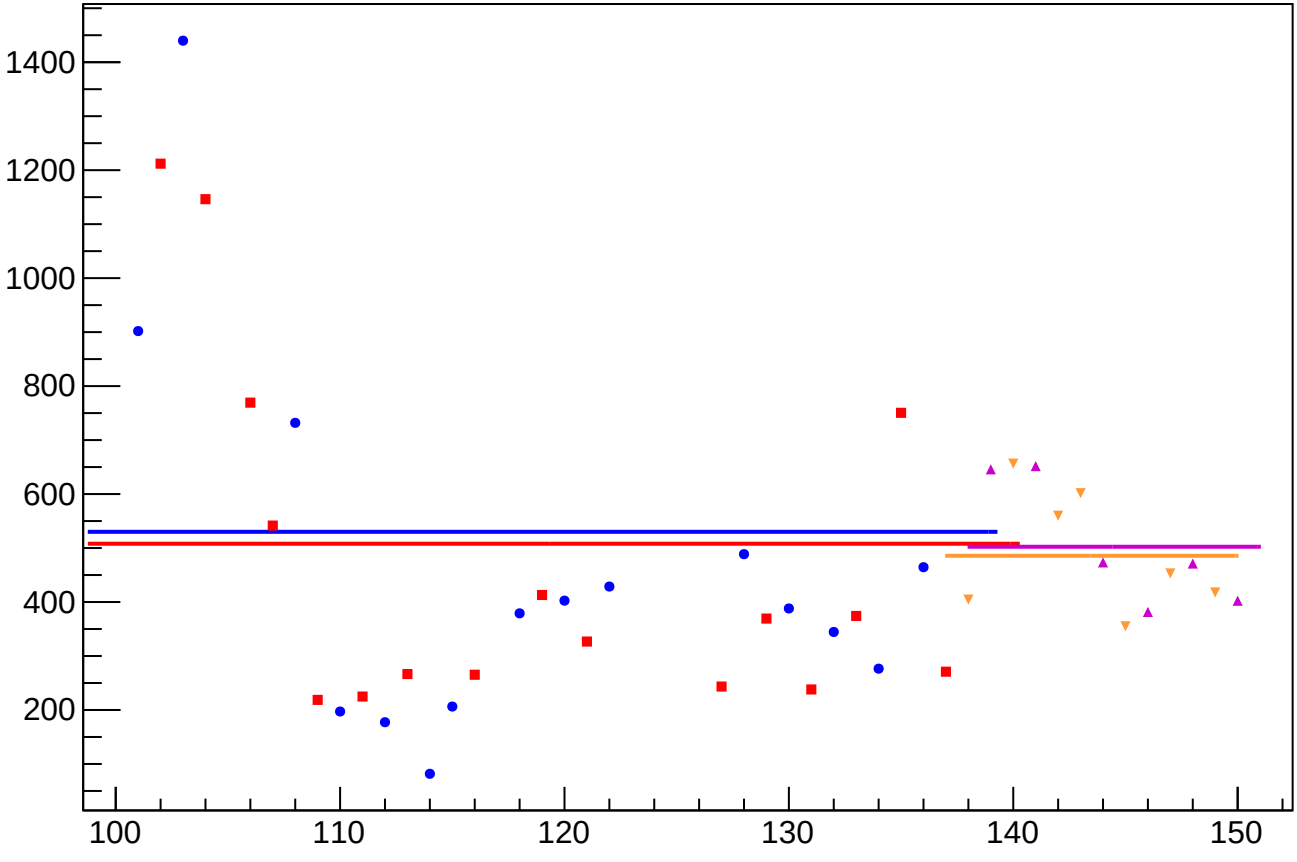
All: 12246.472+/-0.000 χ^2/NDF: 8130662220

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

- sign 12016.906+/-0.000 χ^2/NDF: 4411807124652

Left Out: 17902.575+/-0.000 χ^2/NDF:2571123794972134375726891442240051216384.0/5

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF: 78754676063063255524046471751880671232.0/14

Left Out: 485.674+/-0.000 χ^2/NDF:591040360563631105019584348572300083 2.0/6

Right Out: 507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

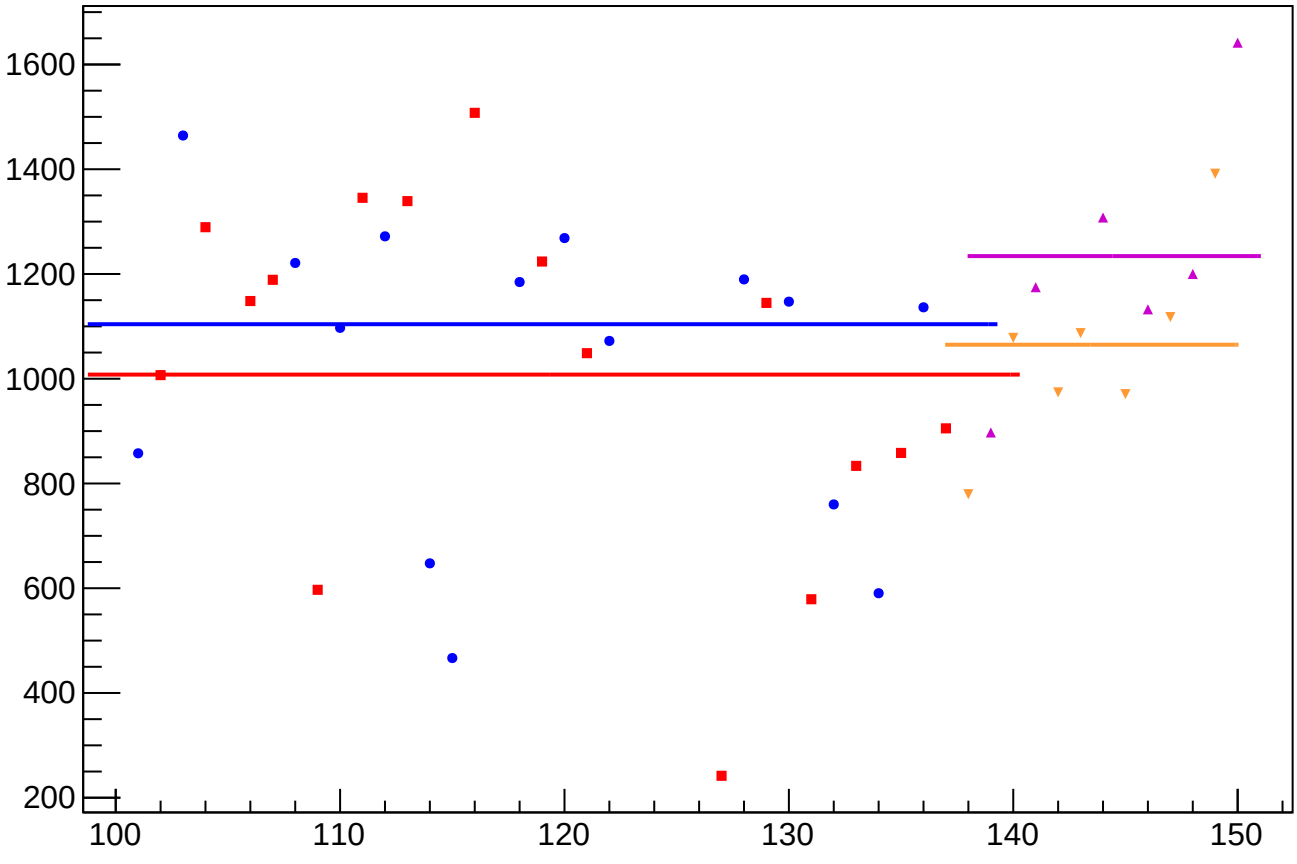
Left In: 502.388+/-0.000 χ^2/NDF:583917893167955817165313076192555827 2.0/5

+ sign 510.399+/-0.000 χ^2/NDF: 852313320786887

All: 507.960+/-0.000 χ^2/NDF: 16778310246 8

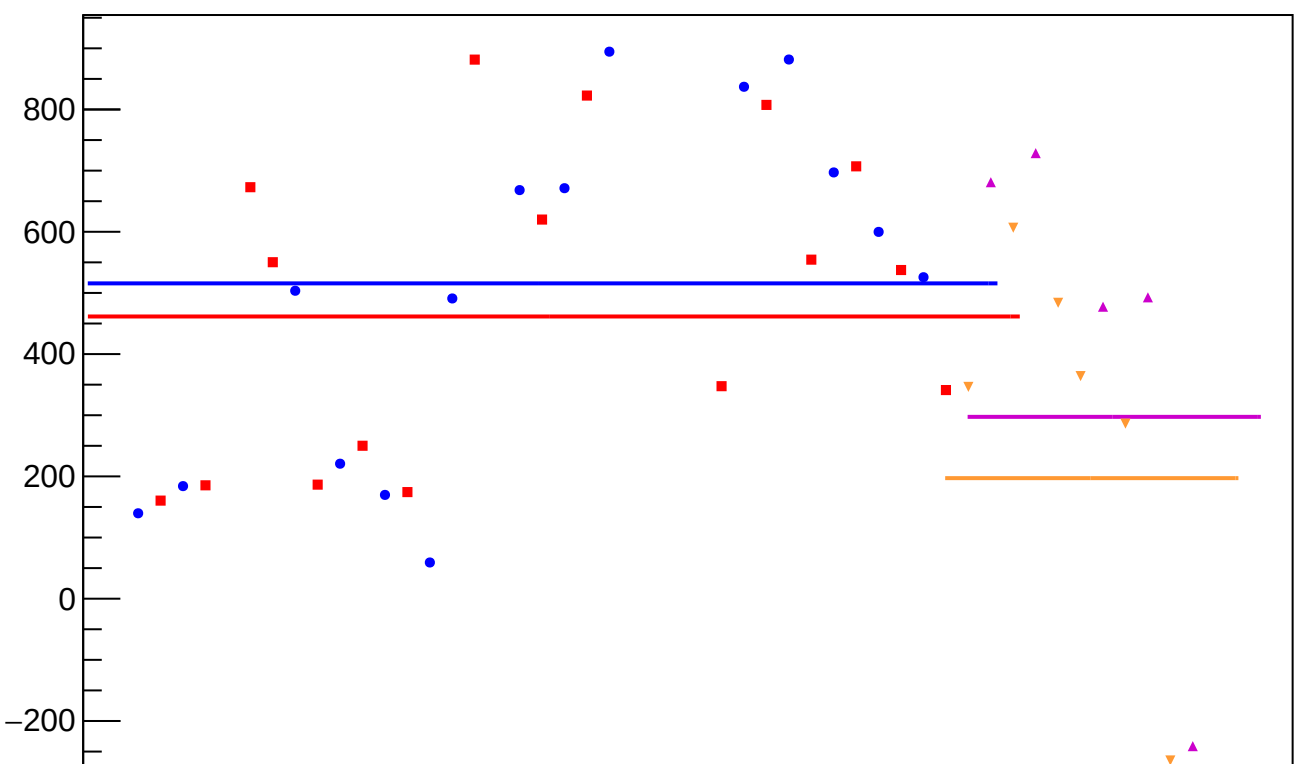
- sign 505.553+/-0.000 χ^2/NDF: 825380024816295

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14

Left Out: 197.133+/-0.000 χ^2/NDF:582278875350861605346686002004303544 32.0/6

Right Out: 461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685642 24.0/15

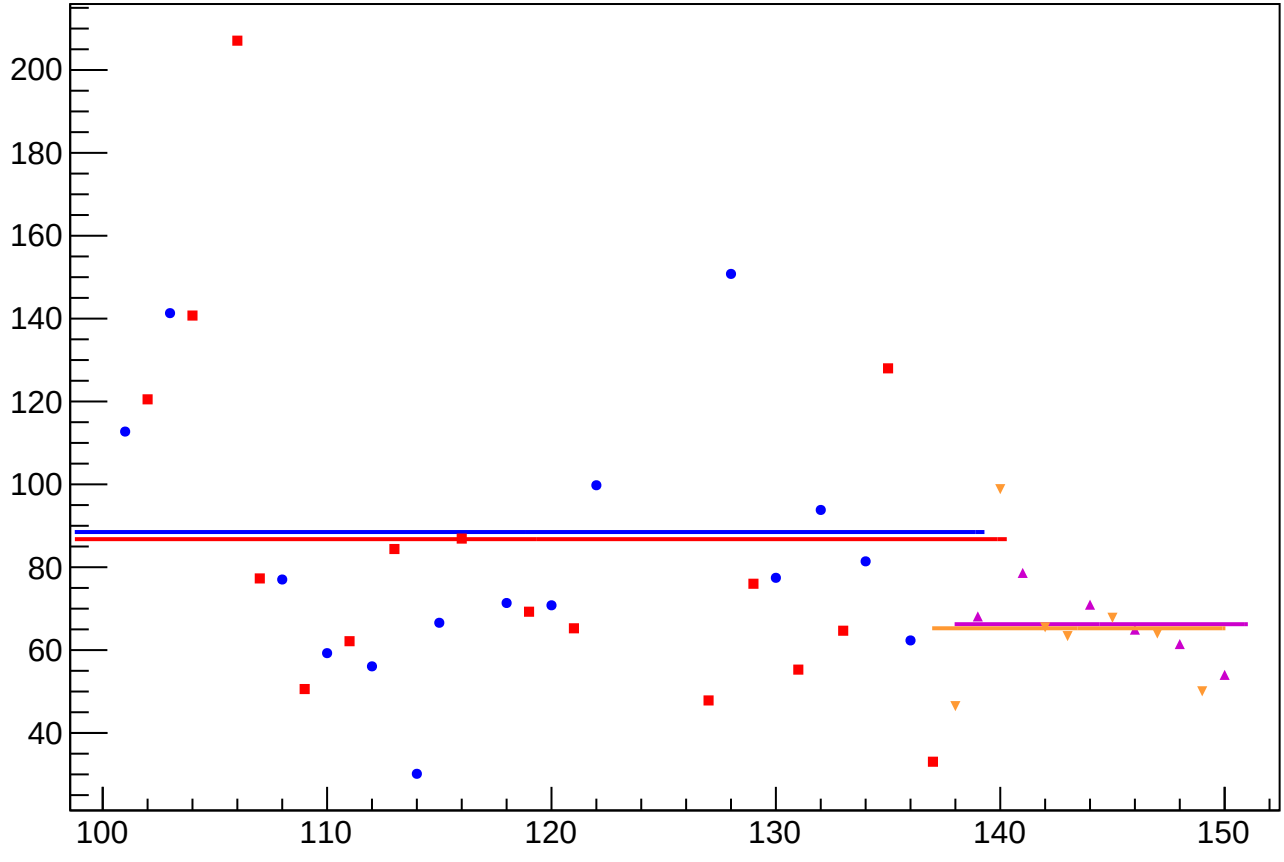
Left In: 297.368+/-0.000 χ^2/NDF:910985919373834193744492515832941772 80.0/5

+ sign 374.565+/-0.000 χ^2/NDF: 135853717814745

All: 382.403+/-0.000 χ^2/NDF: 275379816782

- sign 390.142+/-0.000 χ^2/NDF: 139383842581442

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14

+ sign 78.205+/-0.000 χ^2/NDF: 938625557815681 9

Left Out: 65.265+/-0.000 χ^2/NDF:1402979676254940343687012850388172 80.0/6

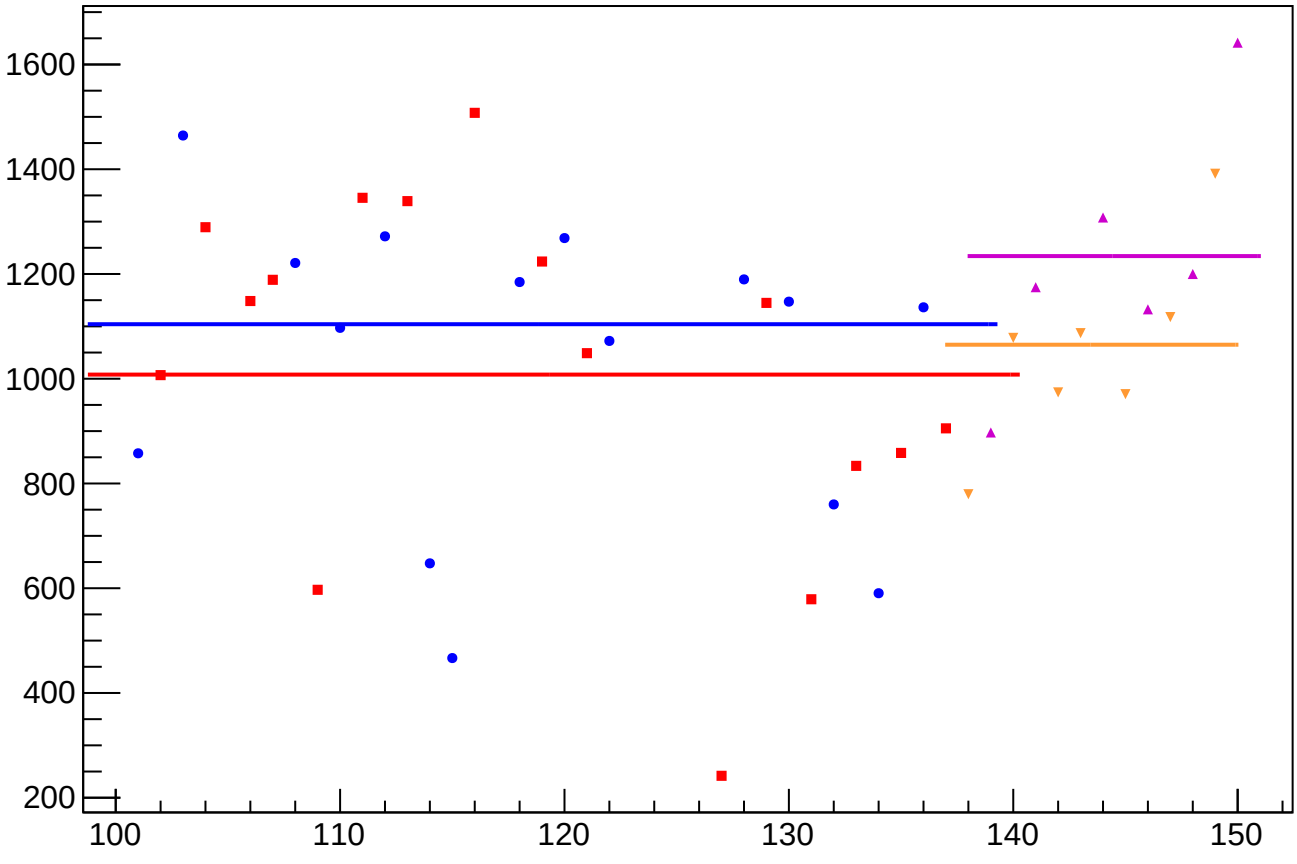
All: 78.027+/-0.000 χ^2/NDF: 215100149835 0

Right Out: 86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

- sign 77.851+/-0.000 χ^2/NDF: 1212302610369780

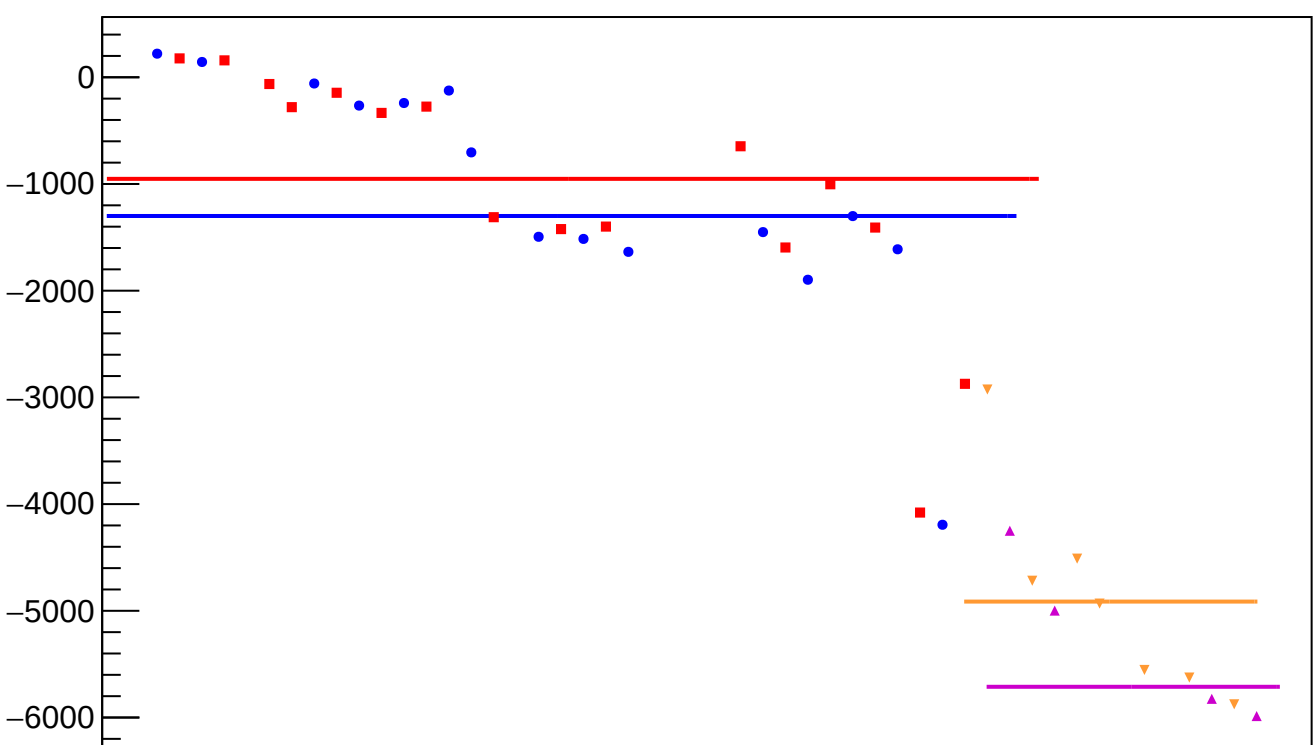
Left In: 66.250+/-0.000 χ^2/NDF:3095867446911565149885258328231116 8.0/5

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000 χ^2/NDF: 11996492521632163670864086915775243223 04.0/14

Left Out: -4913.528+/-0.000 χ^2/NDF:46934586395042117252741661479286079488 0.0/6

Right Out: -951.903+/-0.000 χ^2/NDF: 84131469686365704417446828421708932710 4.0/15

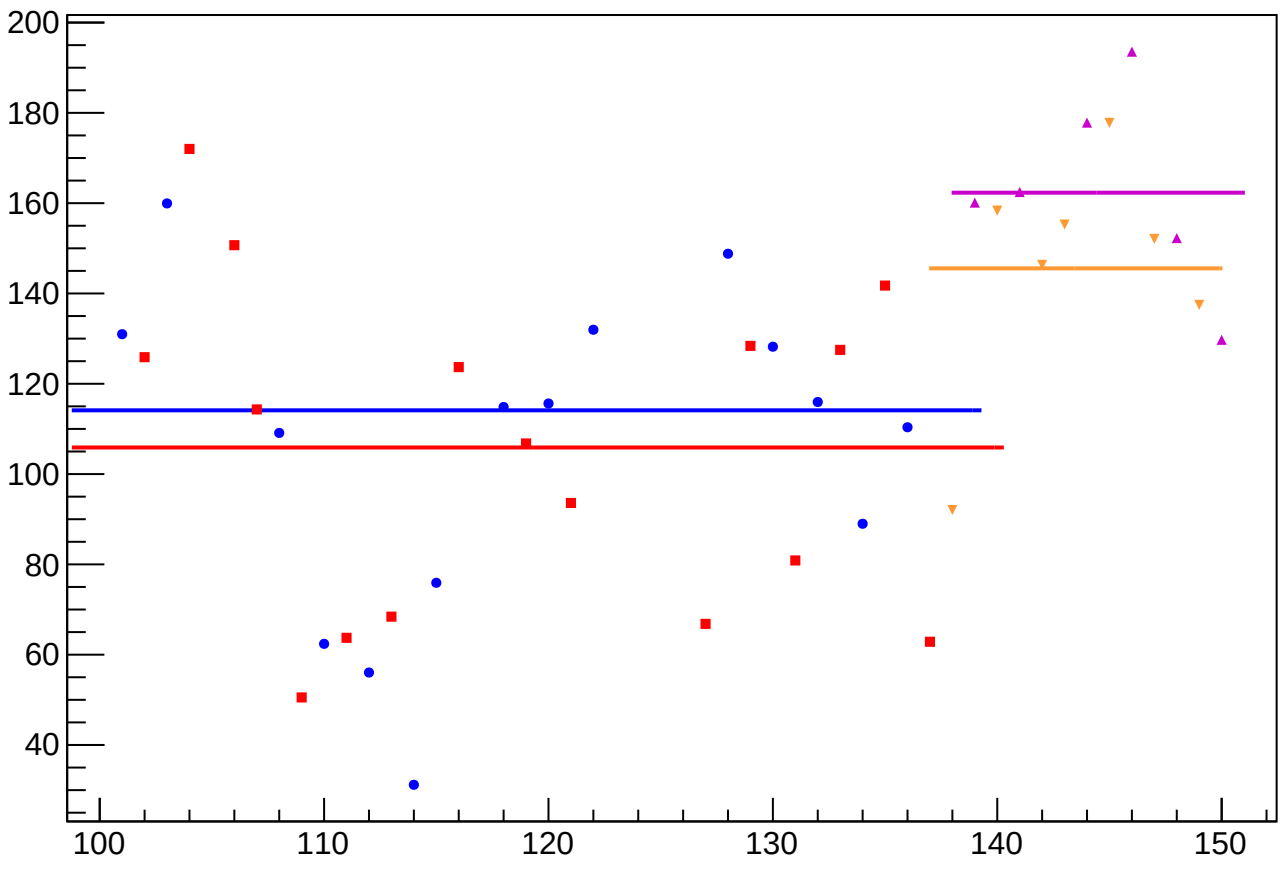
Left In: -5712.009+/-0.000 χ^2/NDF:34776557990092662489420563094830894284 8.0/5

+ sign -2900.445+/-0.000 χ^2/NDF: 5422651203937

All: -2961.279+/-0.000 χ^2/NDF: 1319073944

- sign -3021.339+/-0.000 χ^2/NDF: 7759520270757 3

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 145.560+/-0.000 χ^2/NDF:336104868323283303787326196131299328.0/6

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

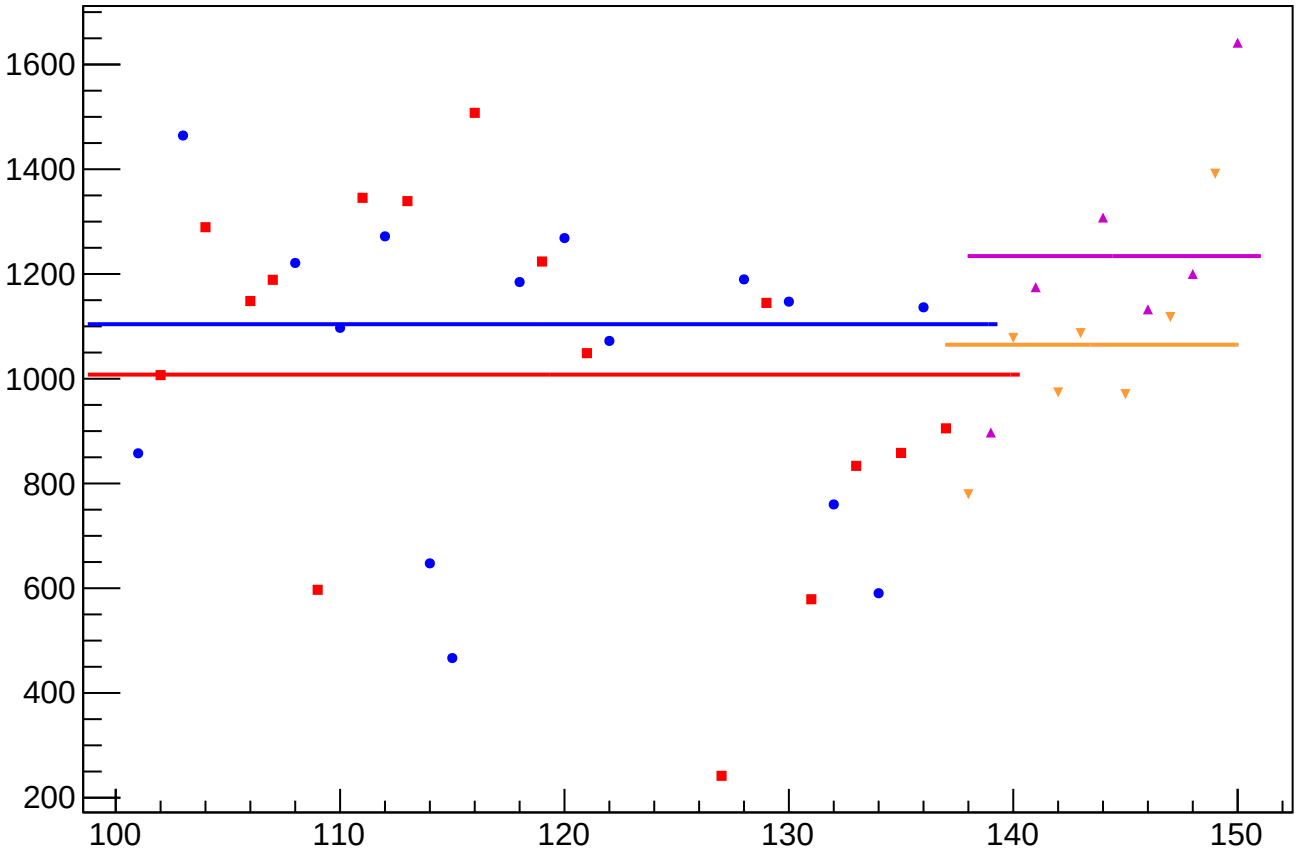
Left In: 162.318+/-0.000 χ^2/NDF:207869064354807737428845777590943744.0/5

+ sign 128.044+/-0.000 χ^2/NDF: 122751555134087

All: 129.241+/-0.000 χ^2/NDF: 321389341062

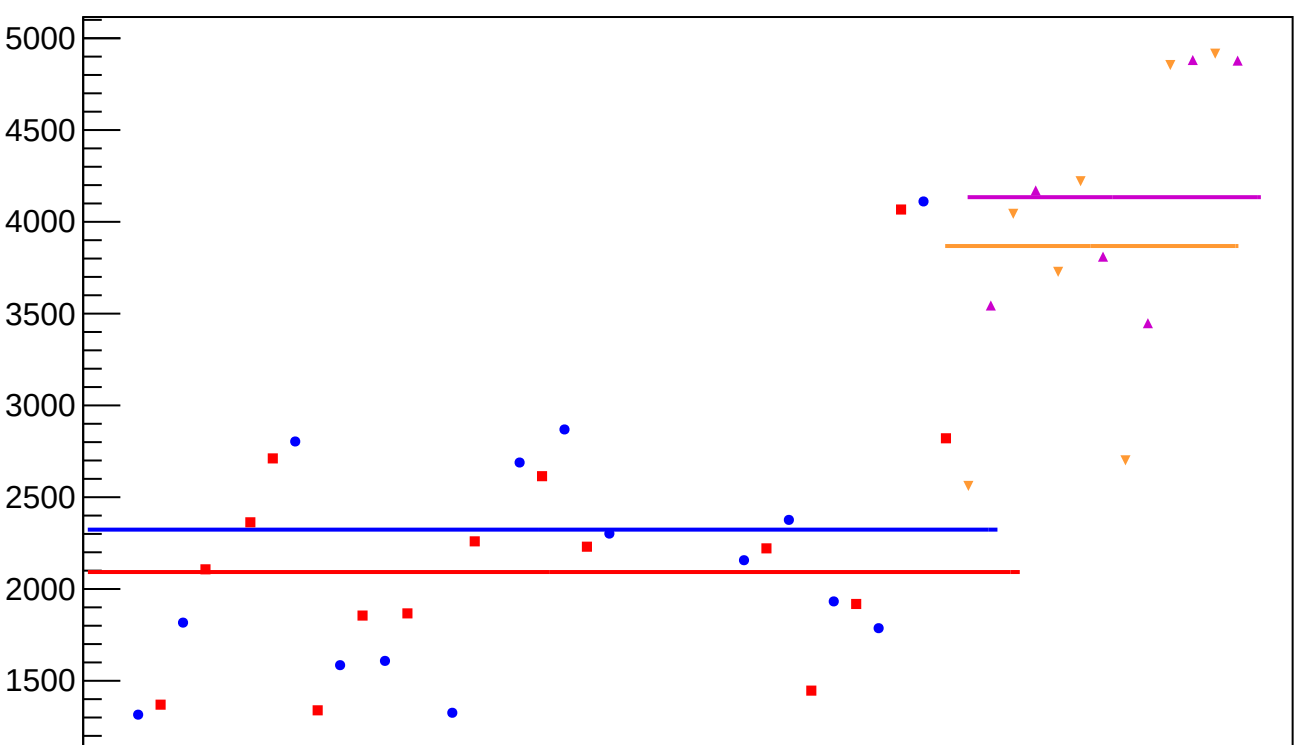
- sign 130.422+/-0.000 χ^2/NDF: 198306470325545

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Left Out: 3868.215+/-0.000 χ^2/NDF:423390963722107454654894602441214394368.0/6

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

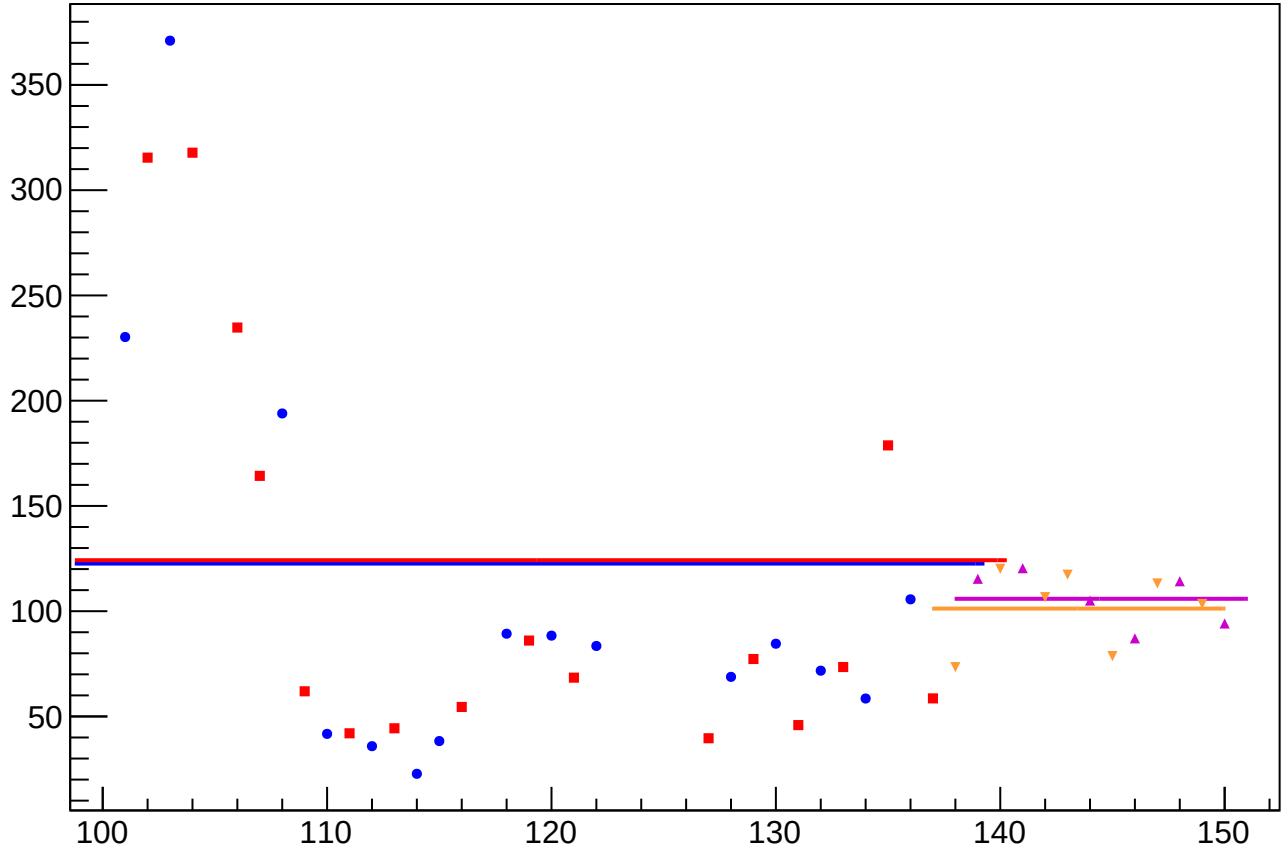
Left In: 4134.308+/-0.000 χ^2/NDF:174014381916015783593825918764426723328.0/5

+ sign 3007.612+/-0.000 χ^2/NDF: 15857830453362

All: 2993.790+/-0.000 χ^2/NDF: 3336317302

- sign 2980.144+/-0.000 χ^2/NDF: 17500919584590

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Left Out: 101.239+/-0.000 χ^2/NDF:16110406085621798968107919733476556 8.0/6

Right Out: 124.216+/-0.000 χ^2/NDF: 654962758962901295879120294112971980 8.0/15

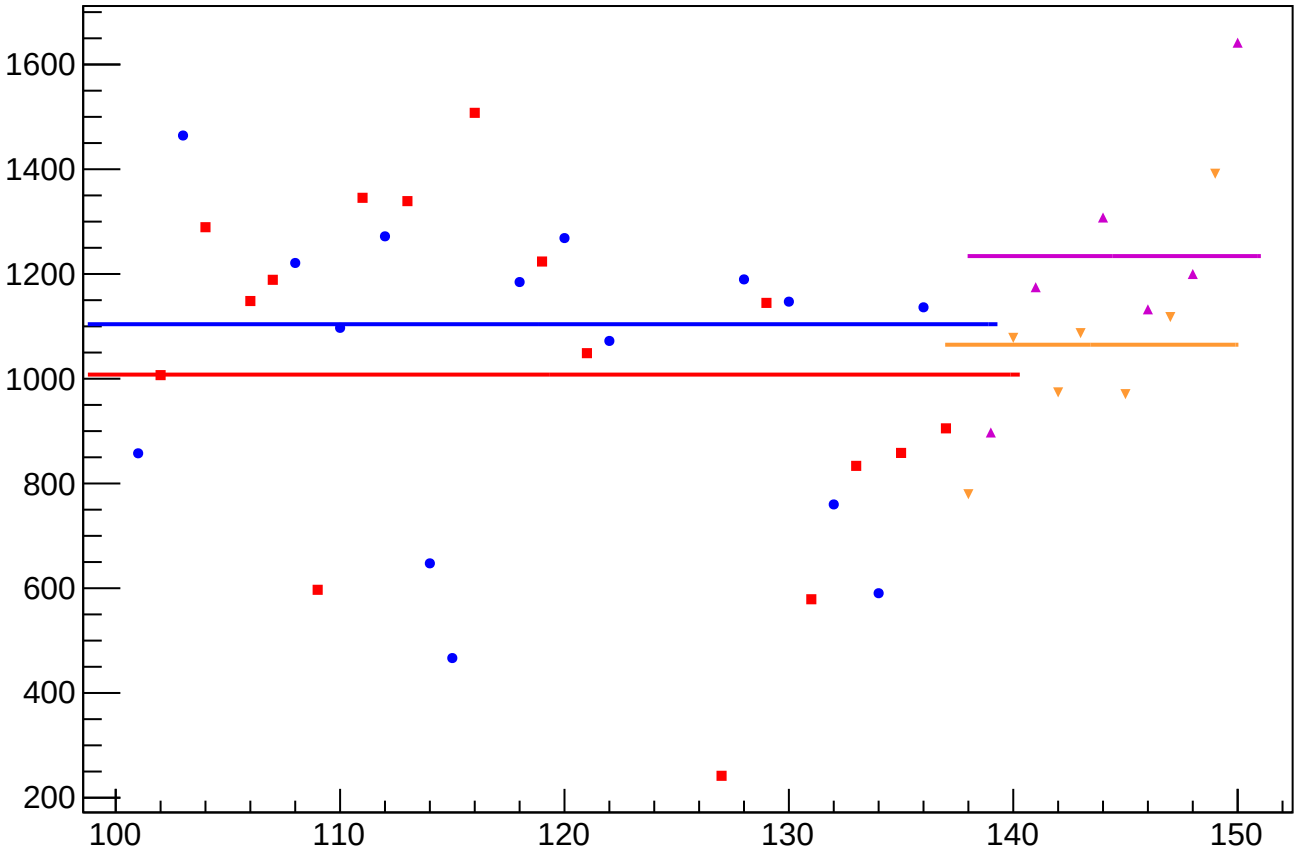
Left In: 105.887+/-0.000 χ^2/NDF:730276766740077137287884179798753 28.0/5

+ sign 113.151+/-0.000 χ^2/NDF: 623004848398156

All: 114.709+/-0.000 χ^2/NDF: 12955746396 4

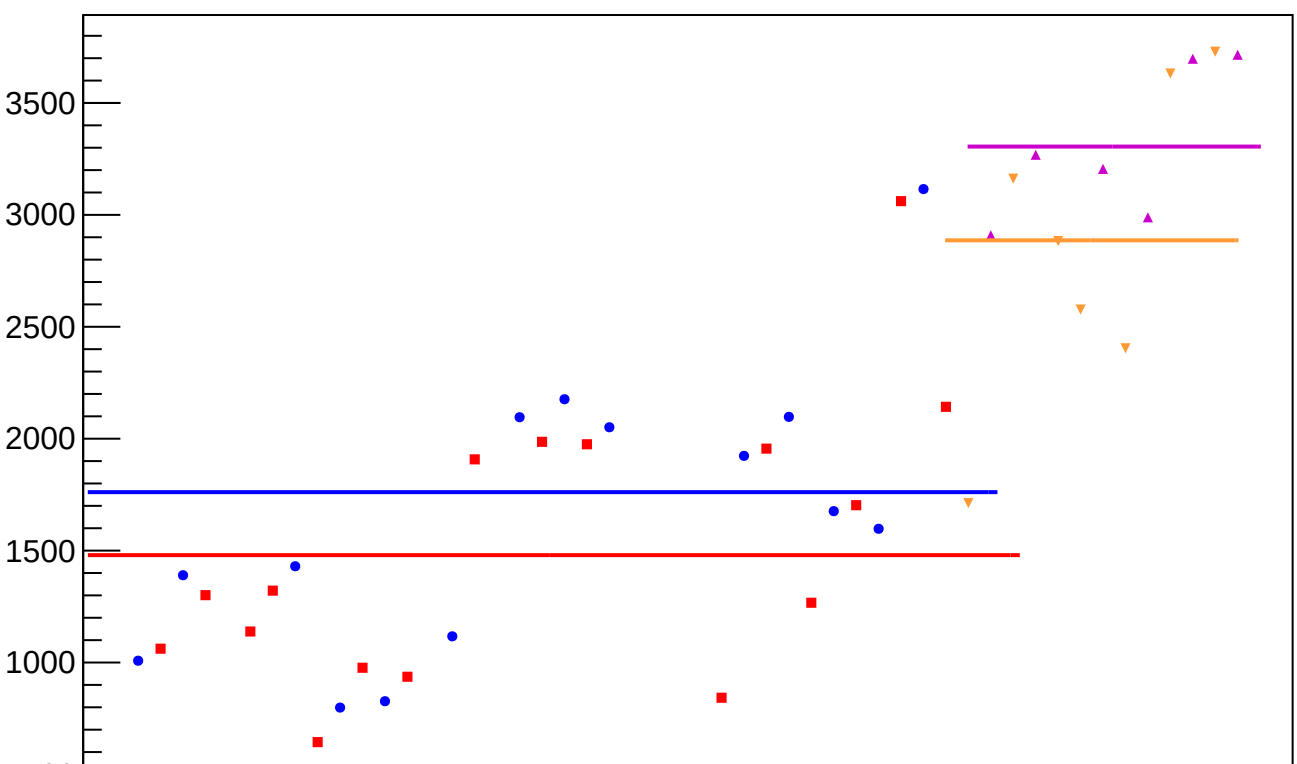
- sign 116.248+/-0.000 χ^2/NDF: 672007524477917

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 2886.323+/-0.000 χ^2/NDF:242024127101778125302725729326714585088.0/6

Right Out: 1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

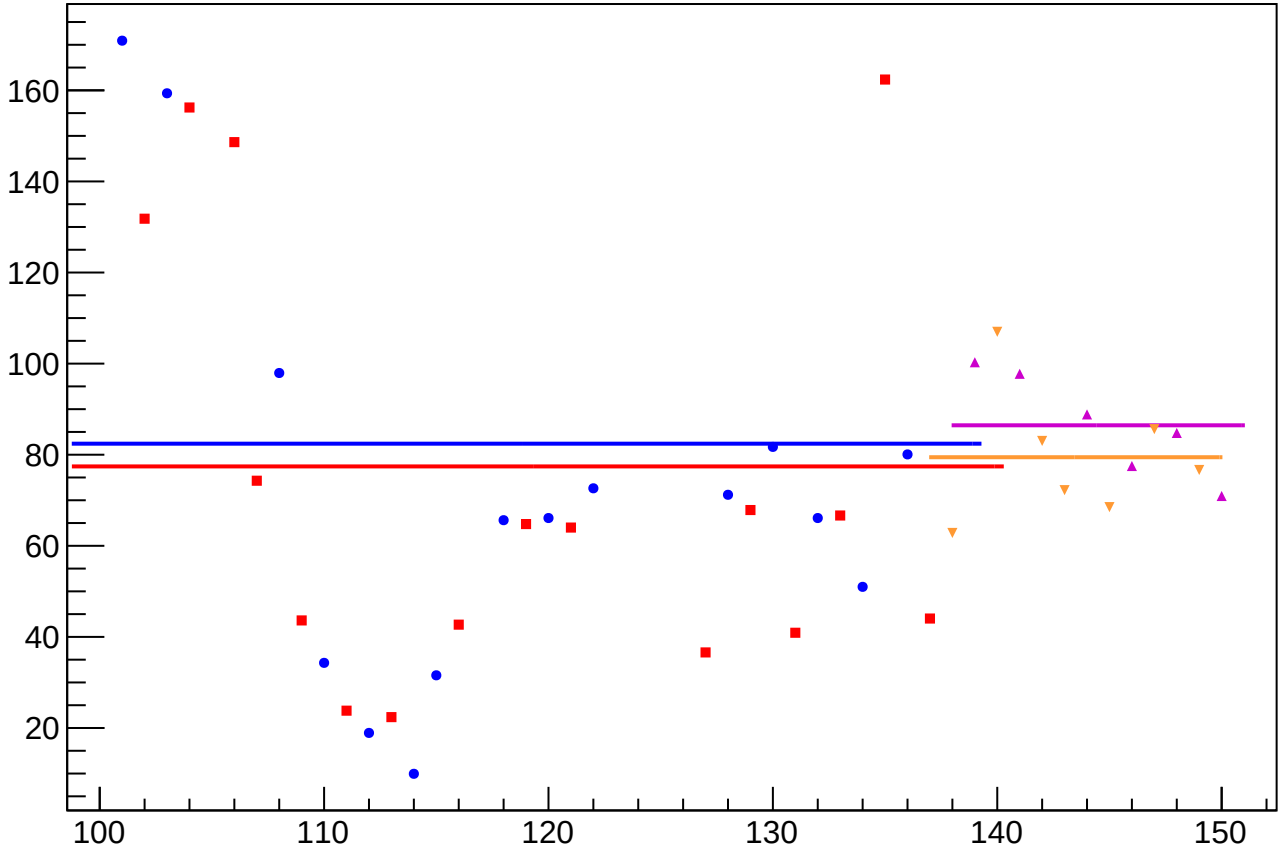
Left In: 3305.158+/-0.000 χ^2/NDF:502721697283299963447412673963349770 24.0/5

+ sign 2259.563+/-0.000 χ^2/NDF: 9380907197307 6

All: 2266.509+/-0.000 χ^2/NDF: 2218120180 5

- sign 2273.367+/-0.000 χ^2/NDF: 12799177507318

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 81.105+/-0.000 χ^2/NDF: 1367343741333266

Left Out: 79.449+/-0.000 χ^2/NDF:1011691663361837658806546399127142 40.0/6

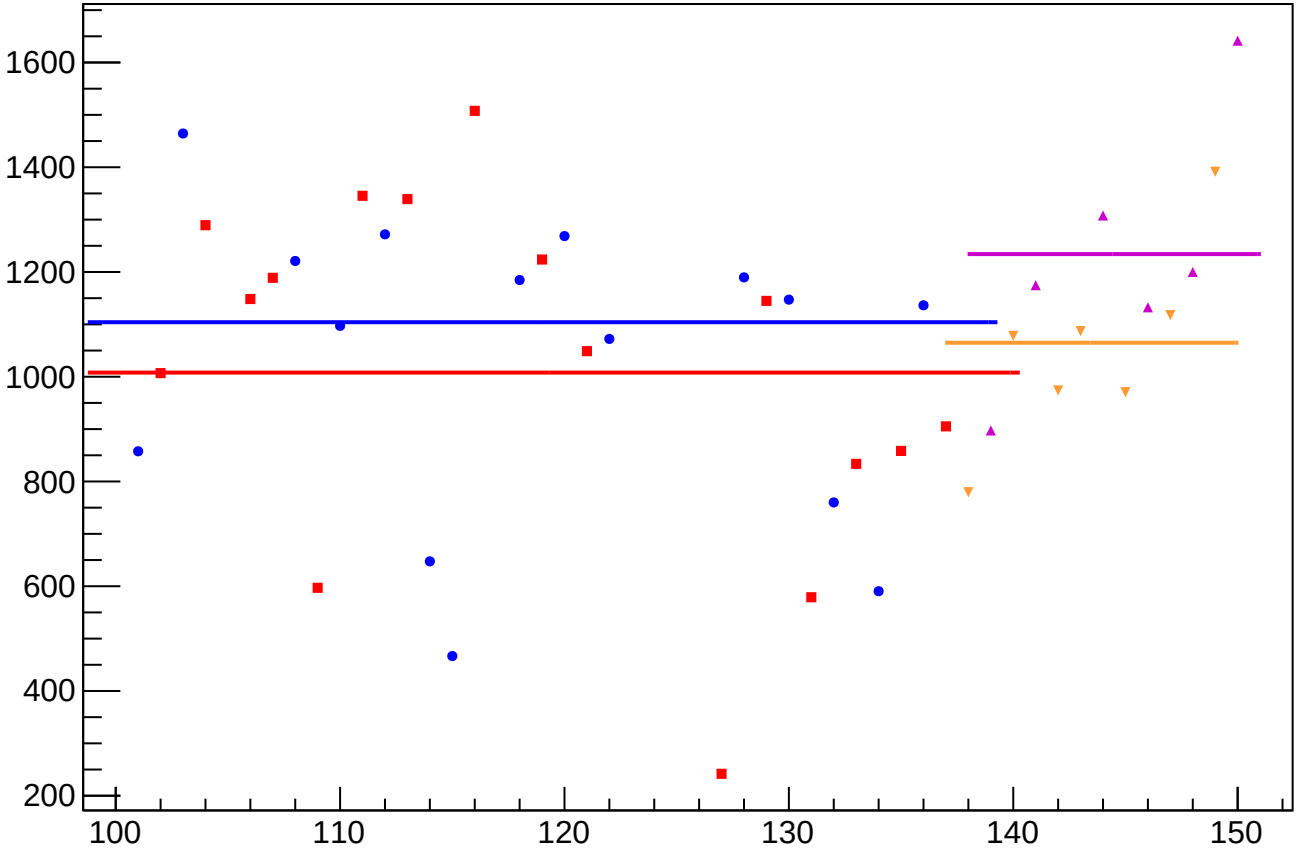
All: 81.231+/-0.000 χ^2/NDF: 296215806088

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 81.355+/-0.000 χ^2/NDF: 1594777703847032

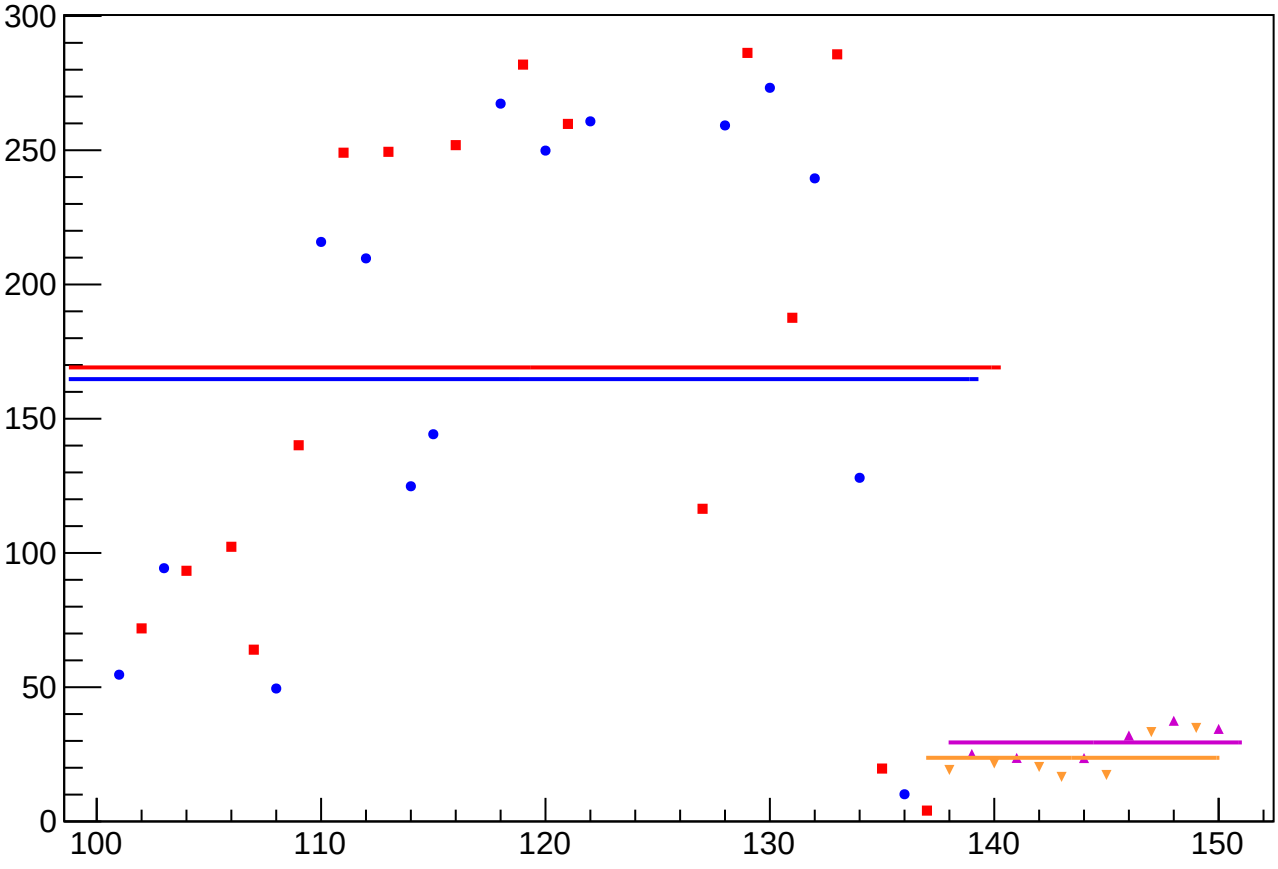
Left In: 86.458+/-0.000 χ^2/NDF:5568469428144721888641256508725657 6.0/5

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1086.765+/-0.000 χ^2/NDF: 4985499278493 9
Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378 3424.0/6
All: 1096.585+/-0.000 χ^2/NDF: 1600398579 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15
- sign 1106.281+/-0.000 χ^2/NDF: 10996159363698
Left In: 1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284 3392.0/5

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 102.283+/-0.000 χ^2/NDF: 121146905676667

Left Out: 23.712+/-0.000 χ^2/NDF:267667302520031695516387848465940 48.0/6

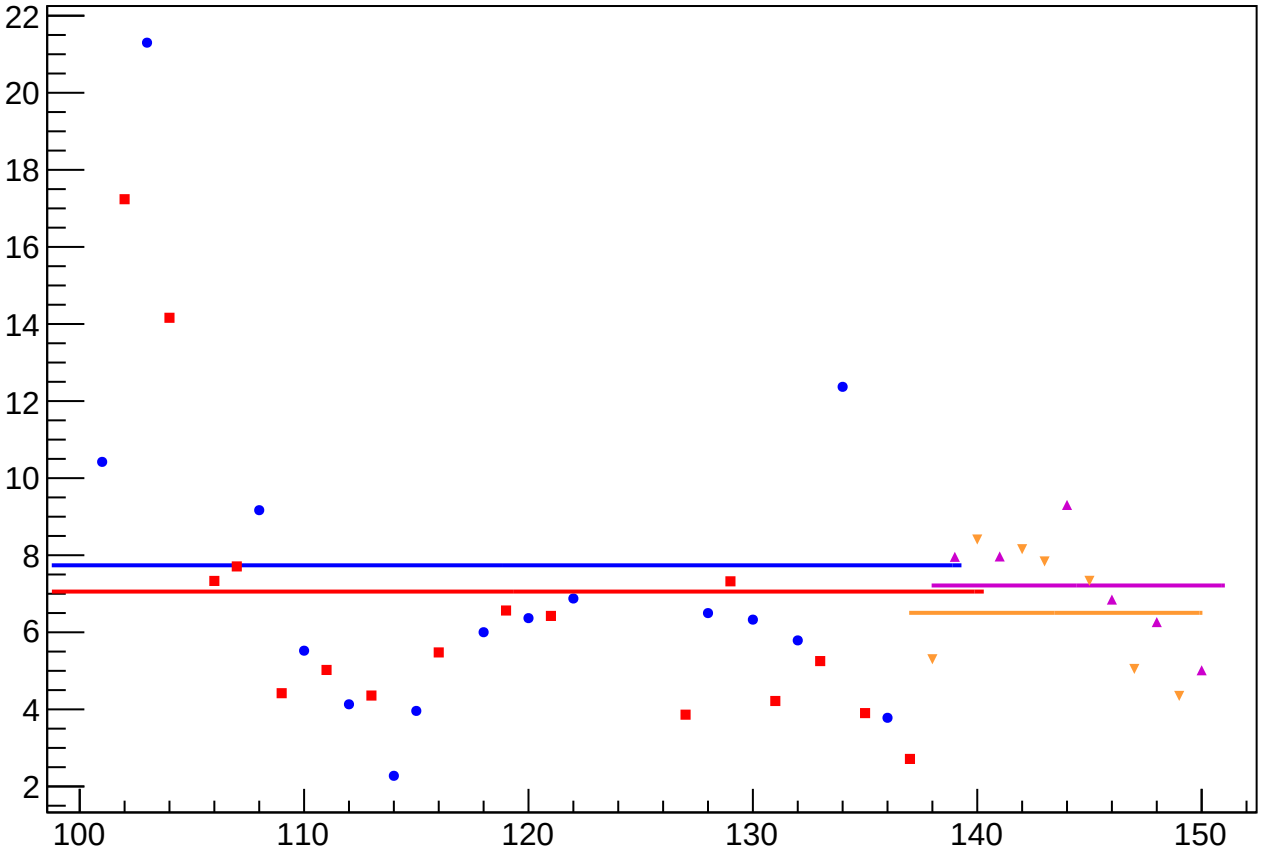
All: 105.352+/-0.000 χ^2/NDF: 238503712119

Right Out: 169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

- sign 108.383+/-0.000 χ^2/NDF: 117138666290845

Left In: 29.429+/-0.000 χ^2/NDF:156695768225405482526889370986741 76.0/5

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

+ sign 7.192+/-0.000 χ^2/NDF: 16830647156315610

Left Out: 6.505+/-0.000 χ^2/NDF:1266219143019332610356546113634304.0/6

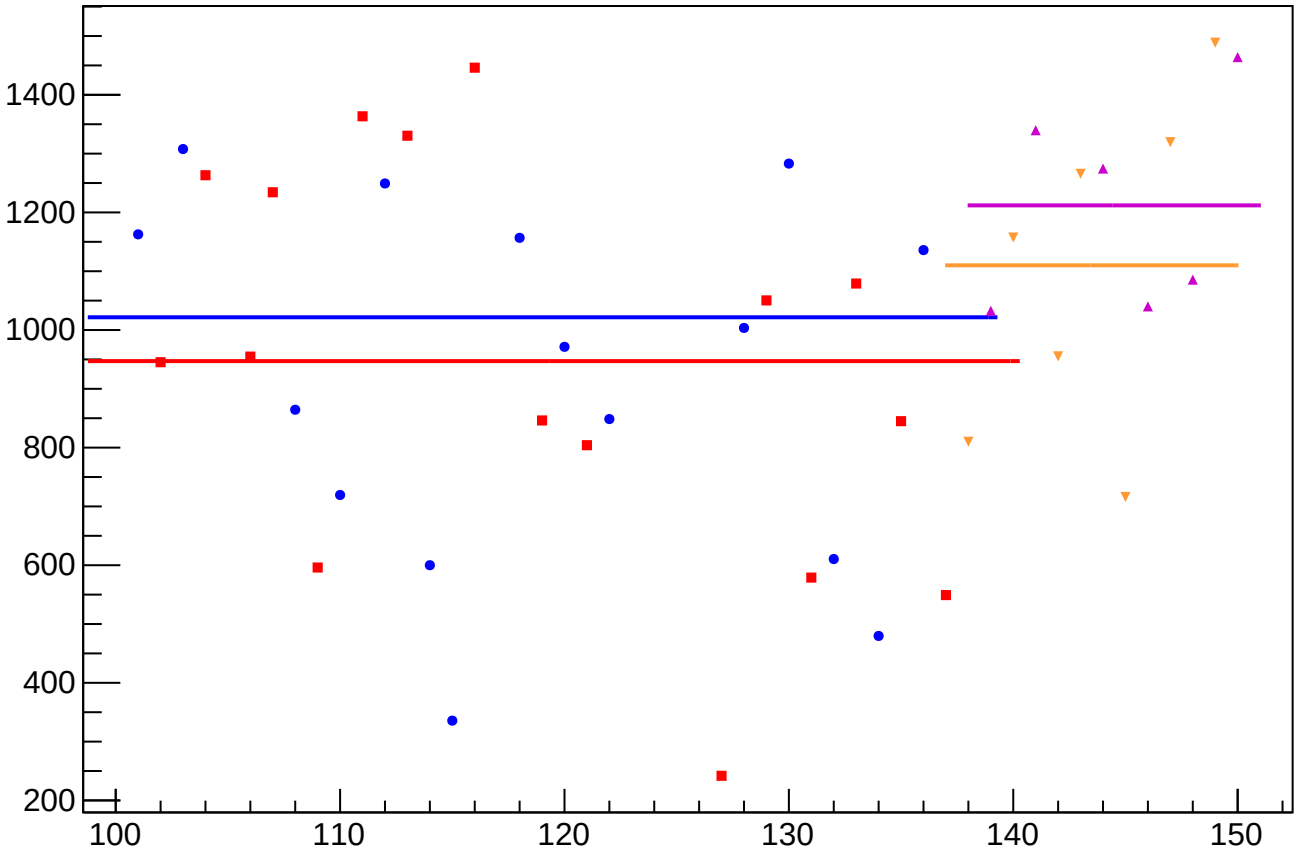
All: 7.159+/-0.000 χ^2/NDF: 29142240056277

Right Out: 7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

- sign 7.126+/-0.000 χ^2/NDF: 12309000040748858

Left In: 7.215+/-0.000 χ^2/NDF:10093213530408500650561928953856 00.0/5

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1060.821+/-0.000 χ^2/NDF: 80706936661902

Left Out: 1110.045+/-0.000 χ^2/NDF:37969517906791985414992429206525181952.0/6

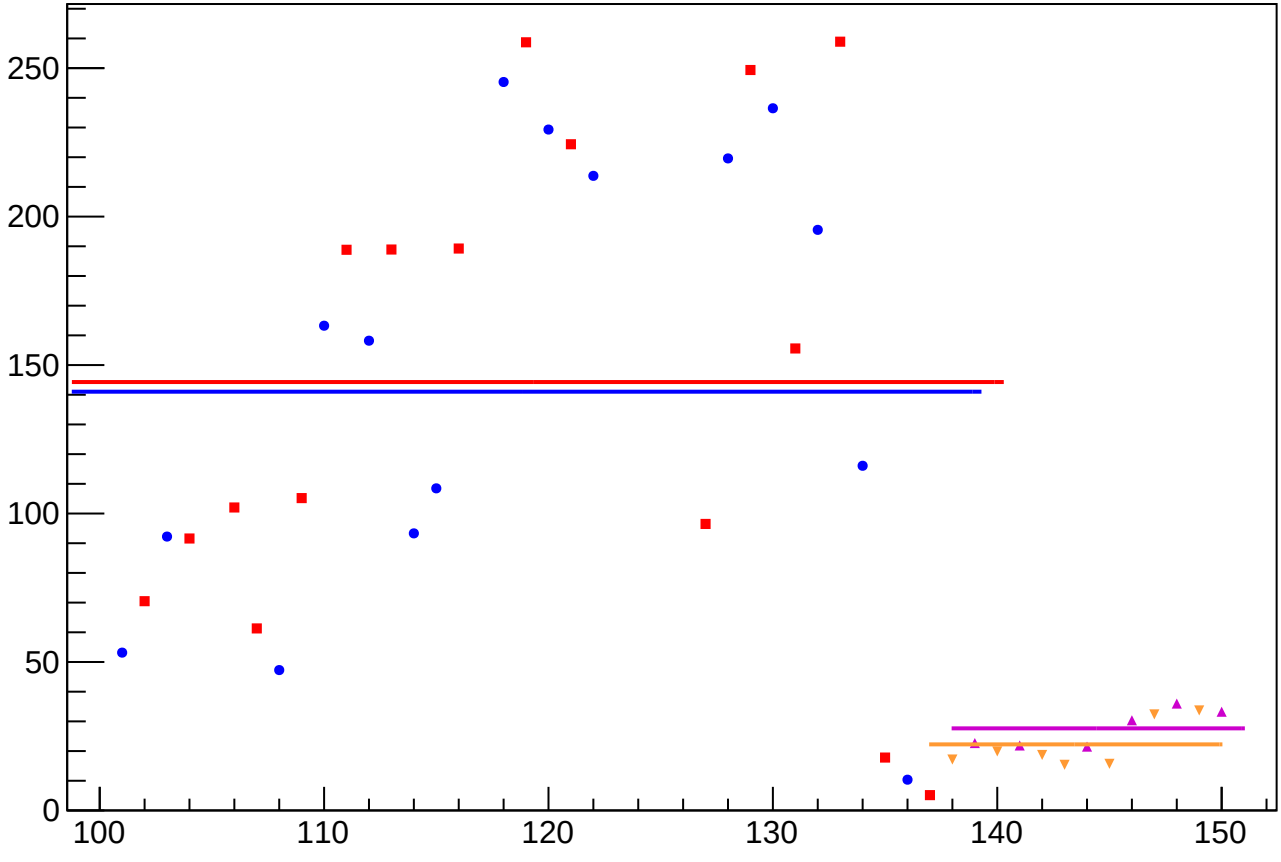
All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

Left In: 1211.994+/-0.000 χ^2/NDF:139164333549675326610524910112473088 00.0/5

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

+ sign 88.423+/-0.000 χ^2/NDF: 859206241385568

Left Out: 22.254+/-0.000 χ^2/NDF:286518938533546661180138522778009 60.0/6

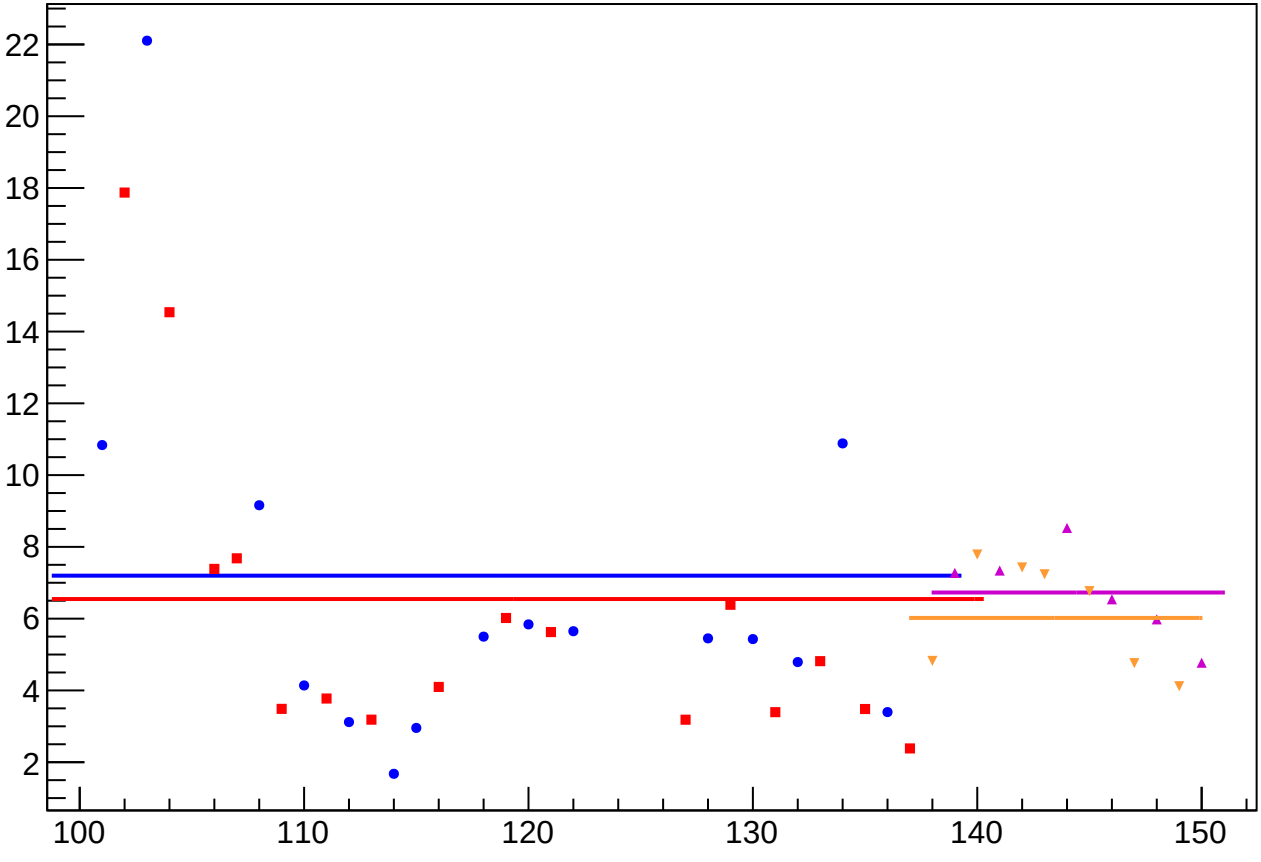
All: 91.016+/-0.000 χ^2/NDF: 168382308745

Right Out: 144.283+/-0.000 χ^2/NDF: 426833357151774088606536166392882 7904.0/15

- sign 93.576+/-0.000 χ^2/NDF: 8230599937596343

Left In: 27.648+/-0.000 χ^2/NDF:175008469134821574814358219490590 72.0/5

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

+ sign 6.676+/-0.000 χ^2/NDF: 19642591830982943

Left Out: 6.020+/-0.000 χ^2/NDF:10312794845184199361808572780380 16.0/6

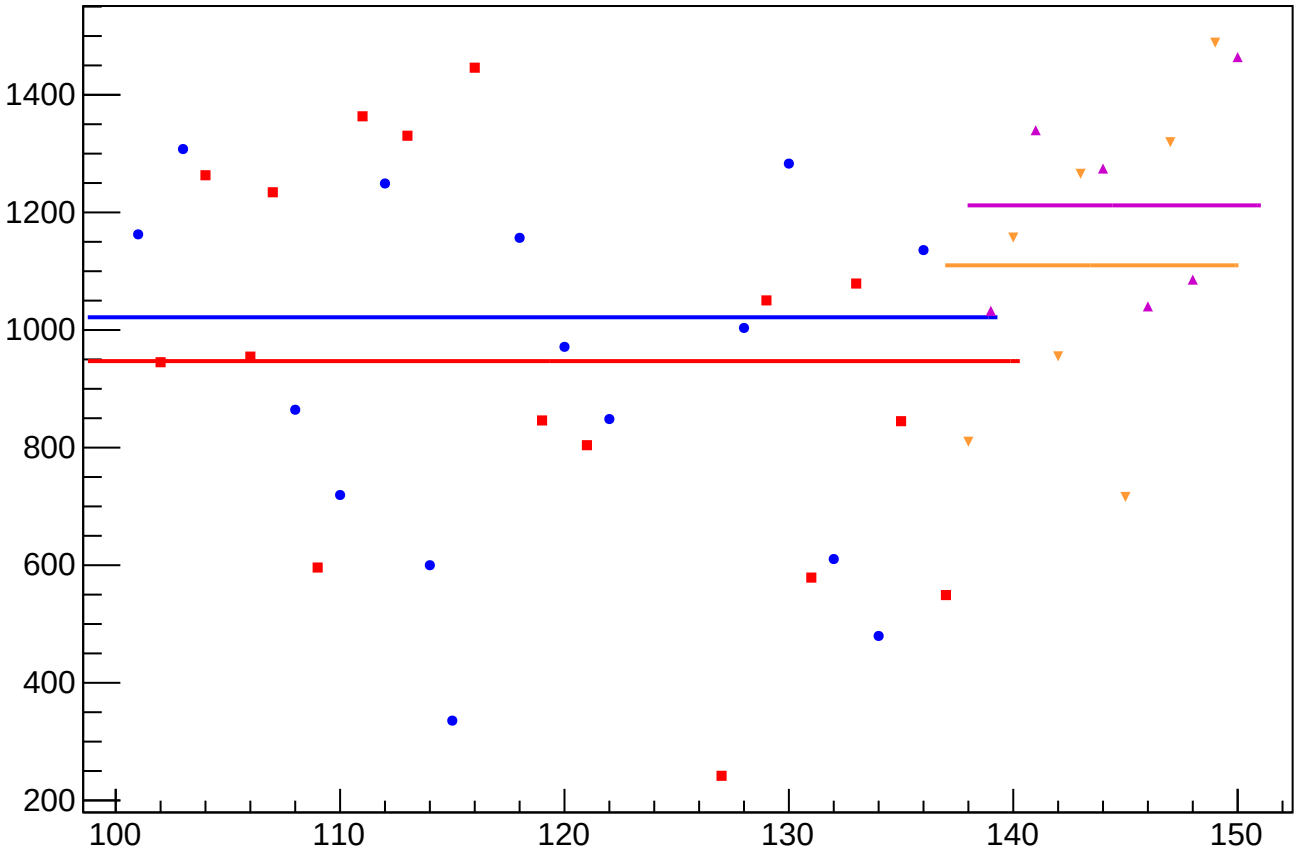
All: 6.651+/-0.000 χ^2/NDF: 3447529882468

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

- sign 6.626+/-0.000 χ^2/NDF: 14831209598222765

Left In: 6.728+/-0.000 χ^2/NDF:74270844467942685917563287555 2768.0/5

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

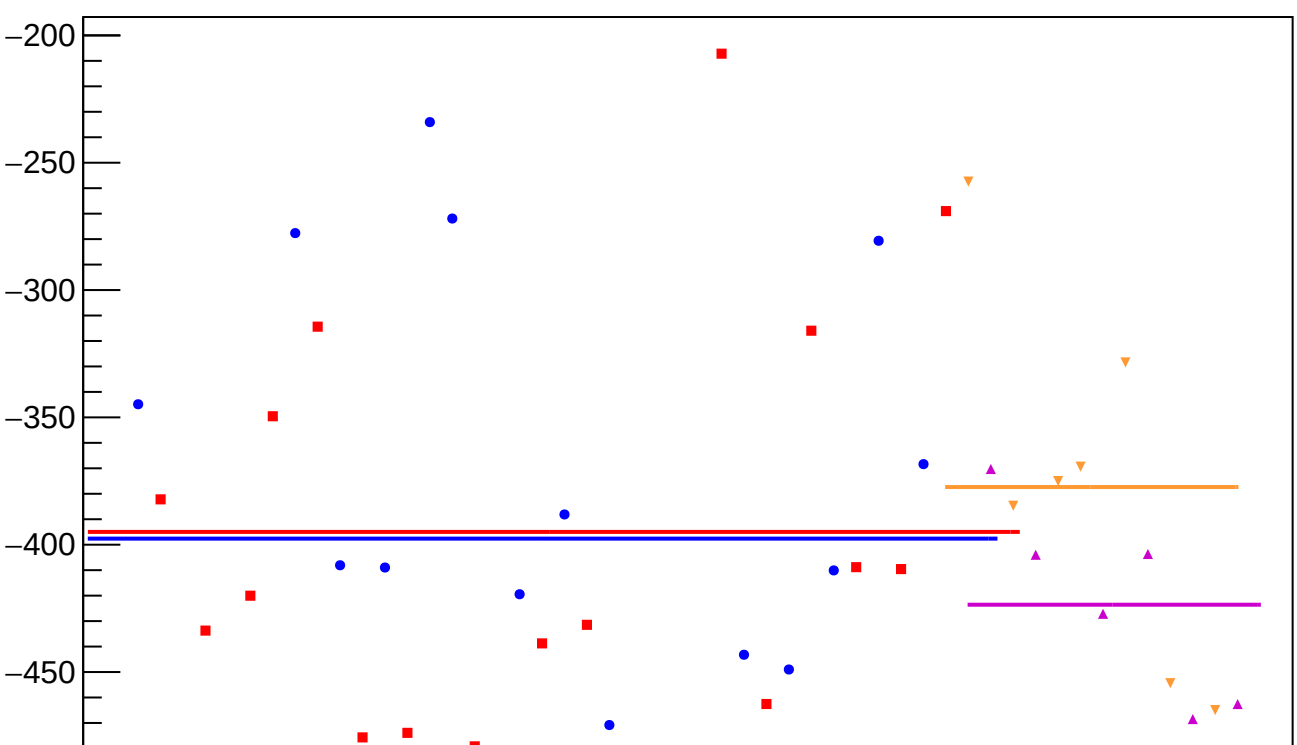
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

+ sign -388.642+/-0.000 χ^2/NDF: 52112529165648

Left Out: -377.359+/-0.000 χ^2/NDF:243205145796535053743051540436457881 6.0/6

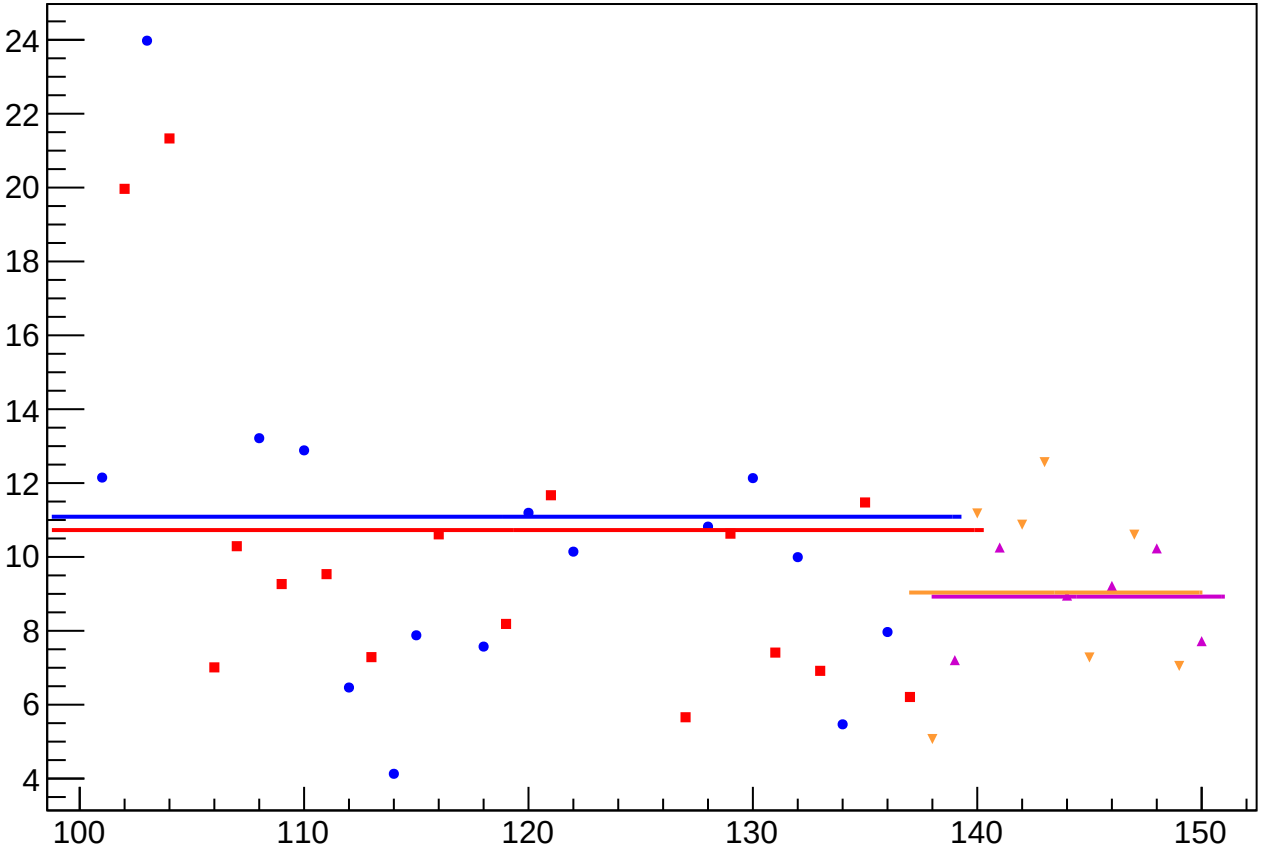
All: -398.083+/-0.000 χ^2/NDF: 99450661468

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

- sign -407.404+/-0.000 χ^2/NDF: 452745061285244

Left In: -423.568+/-0.000 χ^2/NDF:604749236921033620667026844569042944.0/5

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

+ sign 10.180+/-0.000 χ^2/NDF: 1881295389094728

Left Out: 9.037+/-0.000 χ^2/NDF:3366292411078262886246887486128128.0/6

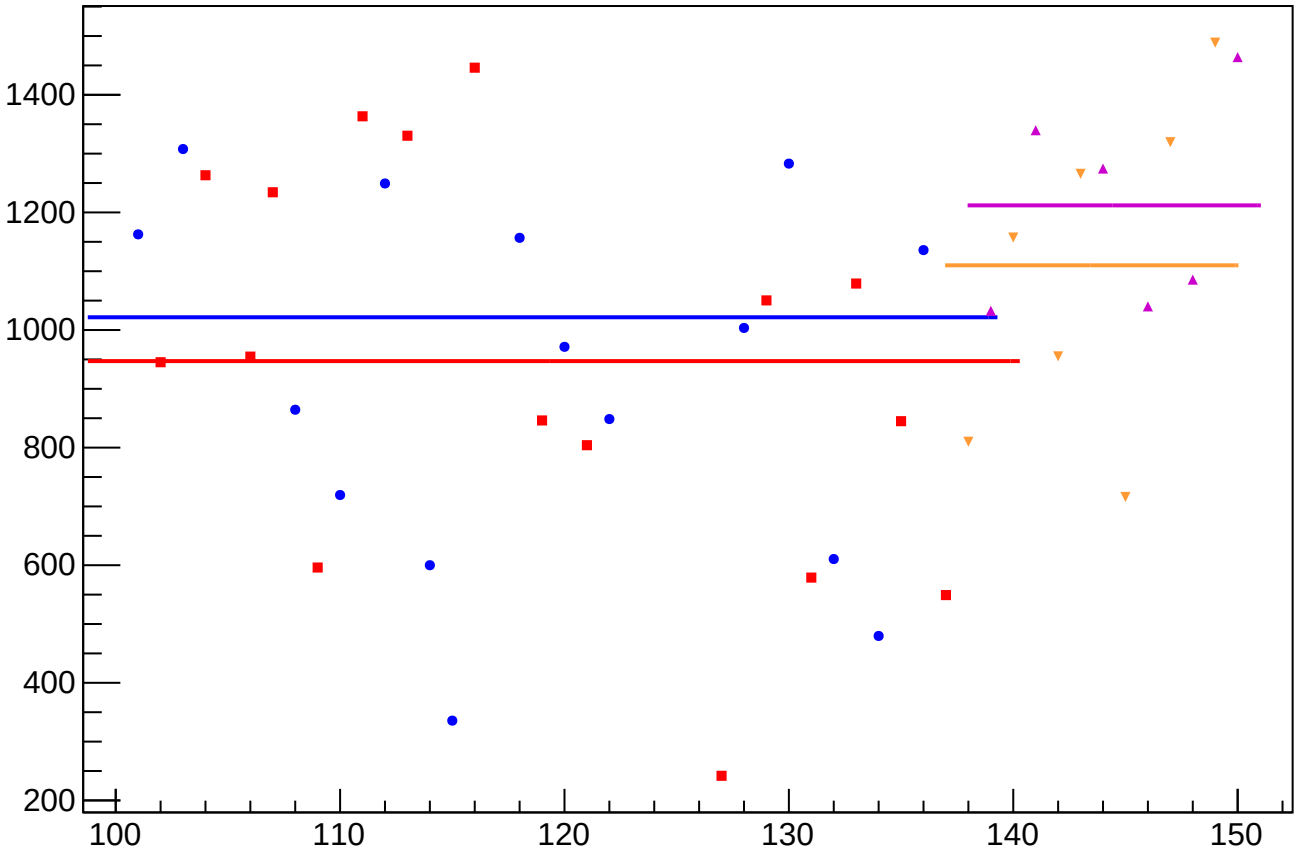
All: 10.061+/-0.000 χ^2/NDF: 352257859108 9

Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

- sign 9.945+/-0.000 χ^2/NDF: 16380375638796562

Left In: 8.926+/-0.000 χ^2/NDF:6723748739909124150068661463285 76.0/5

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

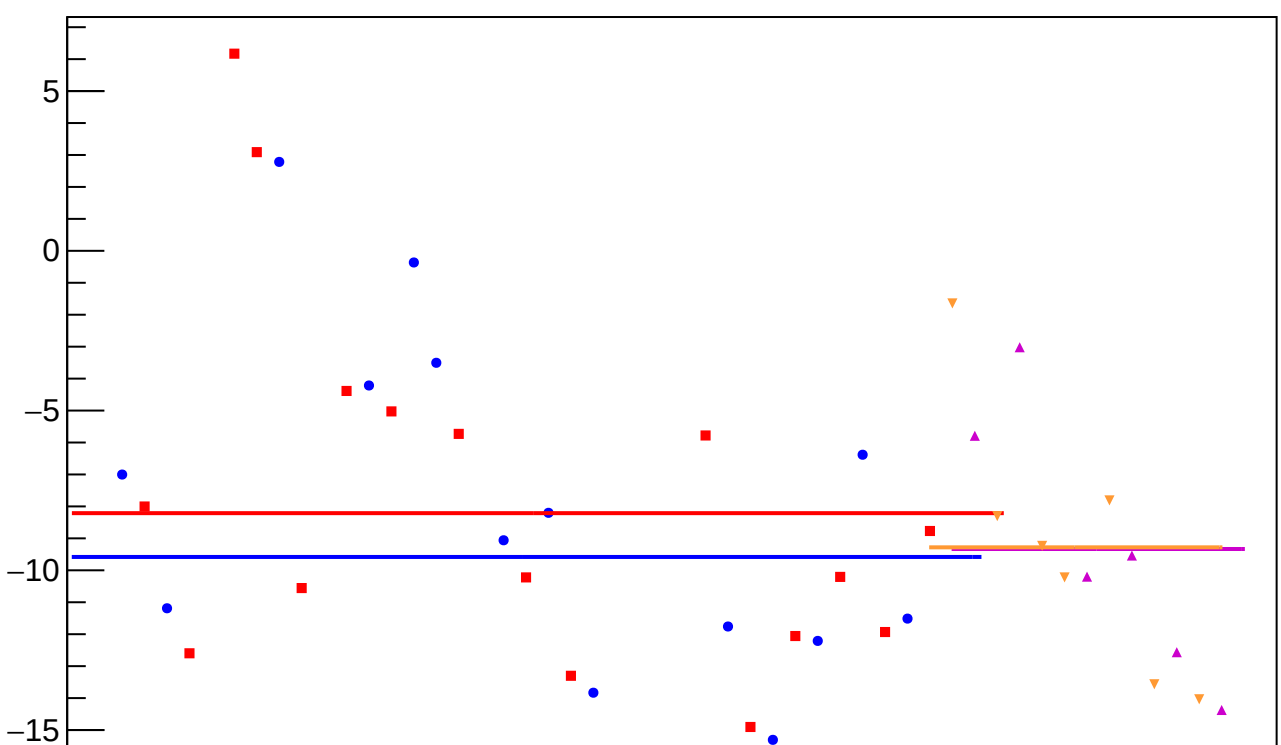
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

+ sign -9.449+/-0.000 χ^2/NDF: 2292148447482495

Left Out: -9.281+/-0.000 χ^2/NDF:8192800924985324207577094208618496.0/6

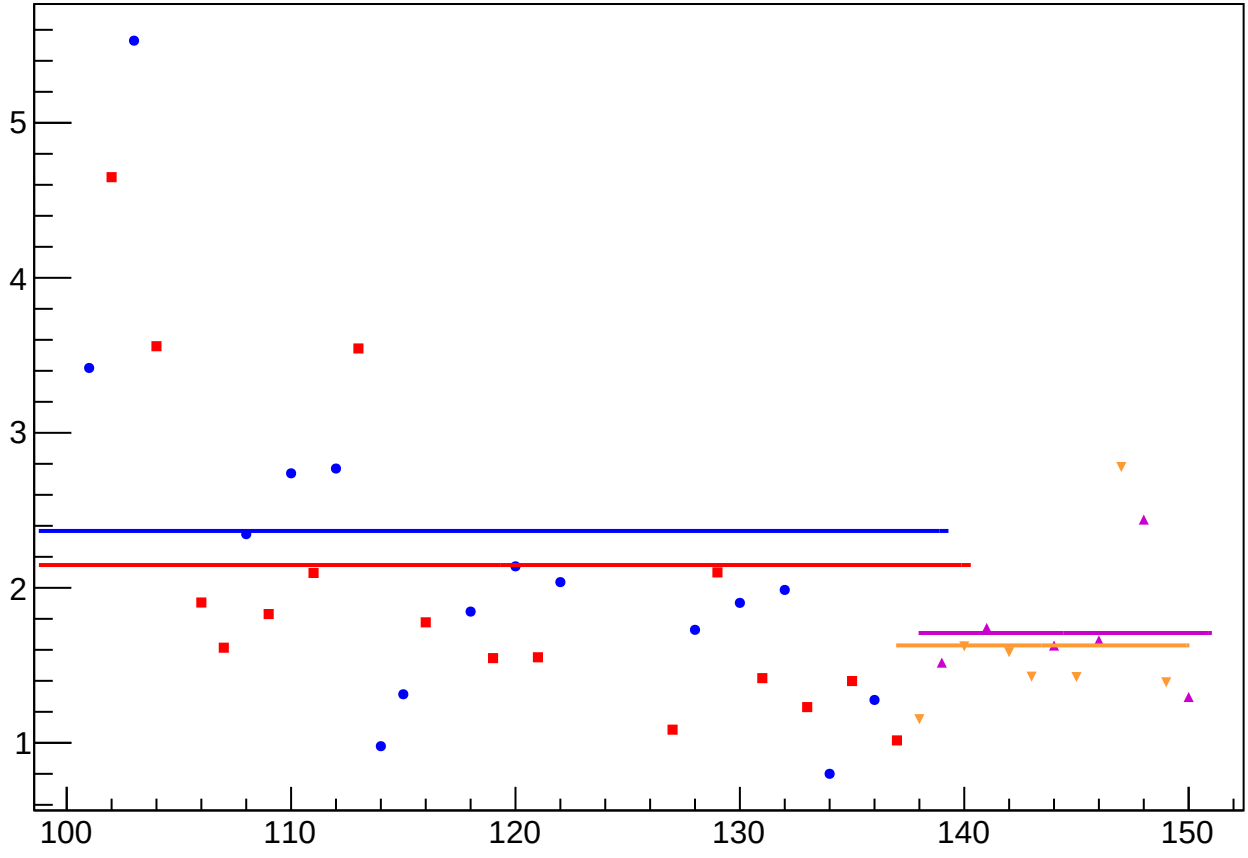
All: -9.072+/-0.000 χ^2/NDF: 4958480493303

Right Out: -8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

- sign -8.699+/-0.000 χ^2/NDF: 2633359927054033 4

Left In: -9.333+/-0.000 χ^2/NDF:7664359767741614844259060273905664.0/5

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.628+/-0.000 χ^2/NDF:1319097786981412656246832999956 48.0/6

Right Out: 2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

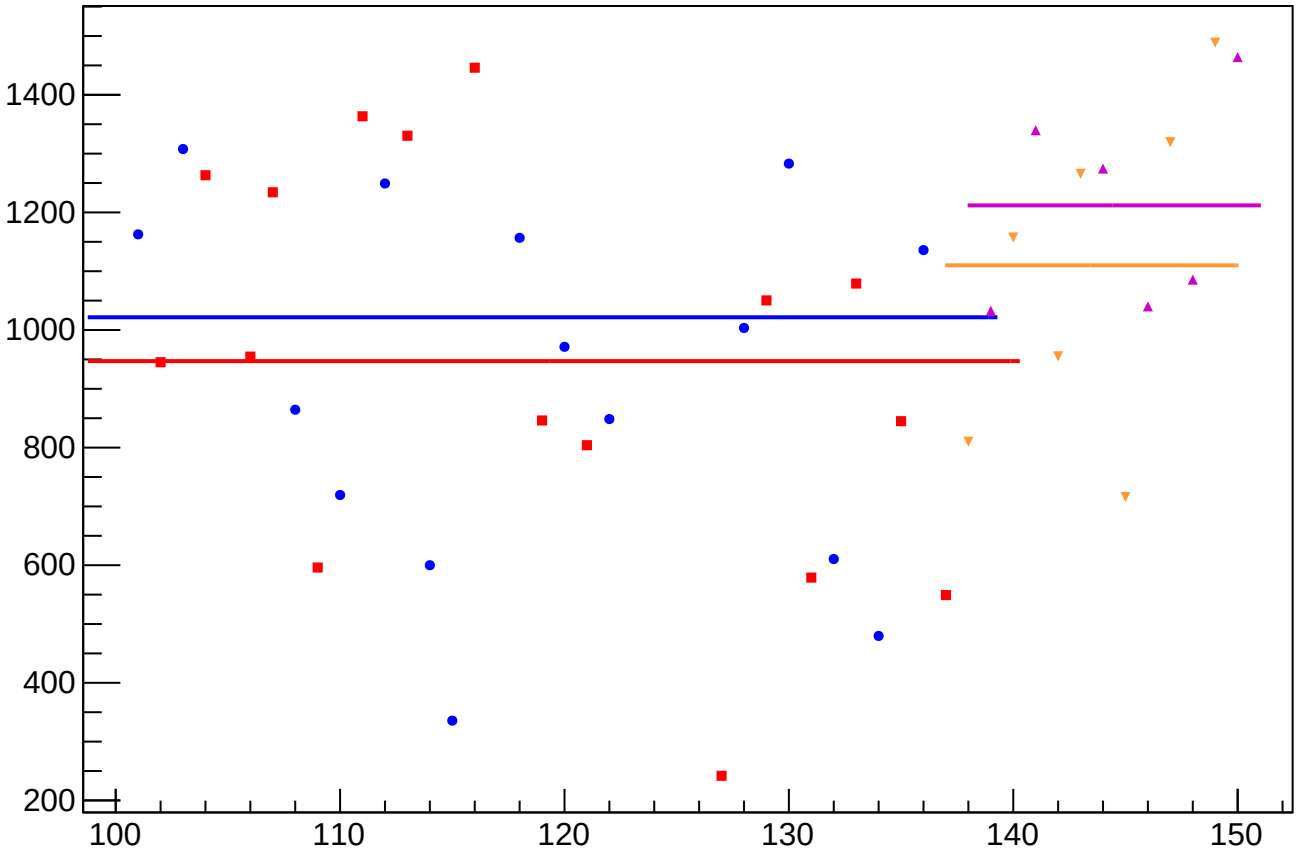
Left In: 1.709+/-0.000 χ^2/NDF:6430763015457780166674126523596 8.0/5

+ sign 2.040+/-0.000 χ^2/NDF: 1209317770654030 7

All: 1.998+/-0.000 χ^2/NDF: 2097633600412 2

- sign 1.956+/-0.000 χ^2/NDF: 8842373469236156 9

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

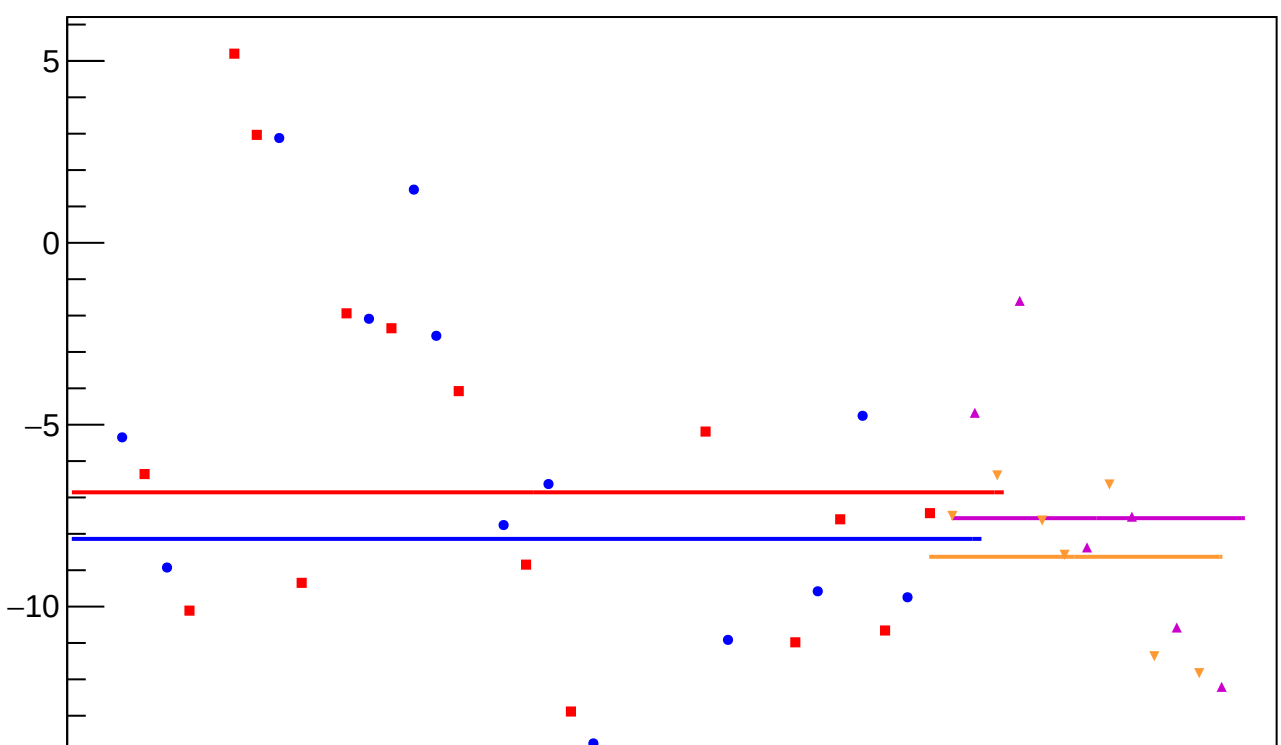
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

+ sign -8.357+/-0.000 χ^2/NDF: 1706344364670811

Left Out: -8.631+/-0.000 χ^2/NDF:2317380175582933818337264983343104.0/6

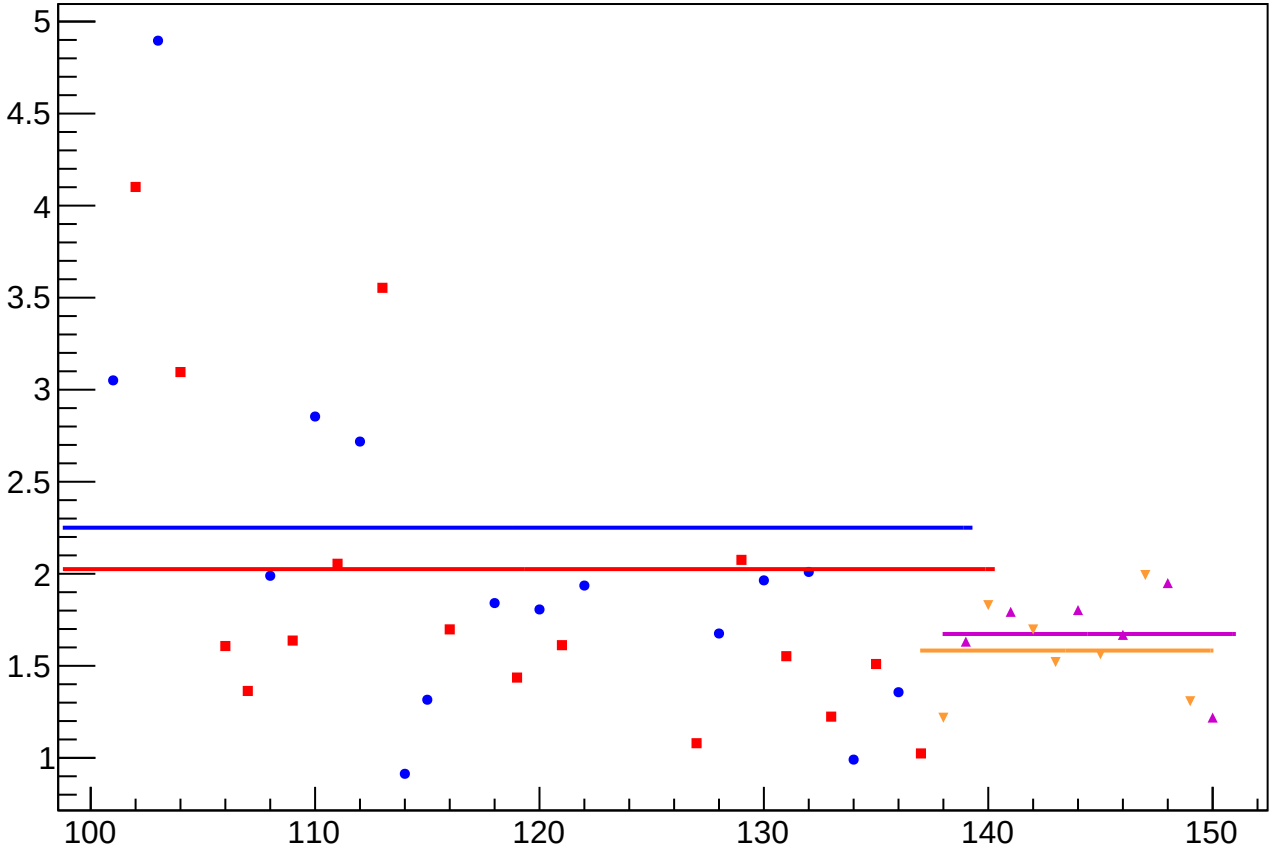
All: -7.758+/-0.000 χ^2/NDF: 4100890526904

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

- sign -7.168+/-0.000 χ^2/NDF: 2311633861067411 2

Left In: -7.569+/-0.000 χ^2/NDF:6486377370502820092095589674647552.0/5

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

+ sign 1.955+/-0.000 χ^2/NDF: 8205610771957810 8

Left Out: 1.583+/-0.000 χ^2/NDF:357611592150446543284658168135 68.0/6

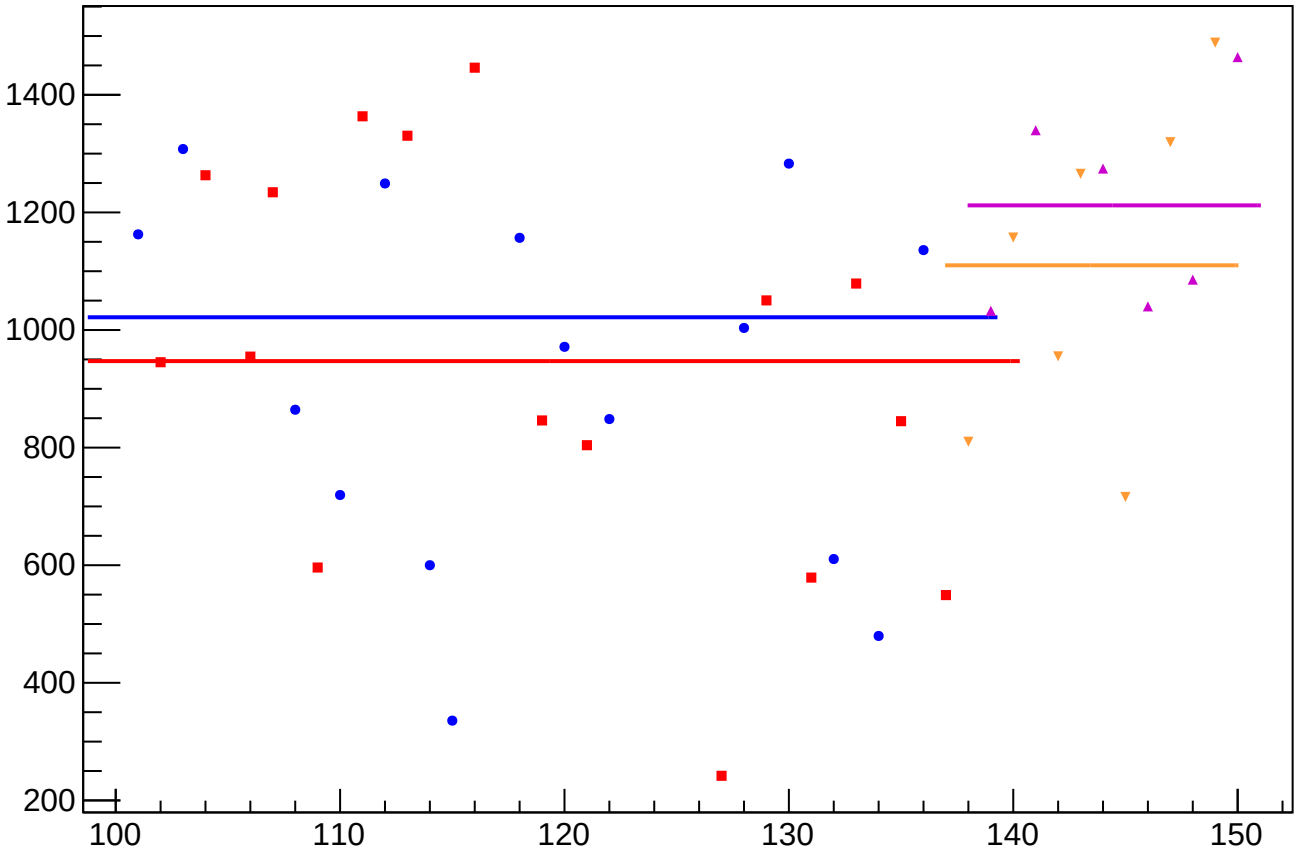
All: 1.913+/-0.000 χ^2/NDF: 1467363023923 0

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

- sign 1.872+/-0.000 χ^2/NDF: 6427967848029137 8

Left In: 1.673+/-0.000 χ^2/NDF:2806808710837094994980187091763 2.0/5

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

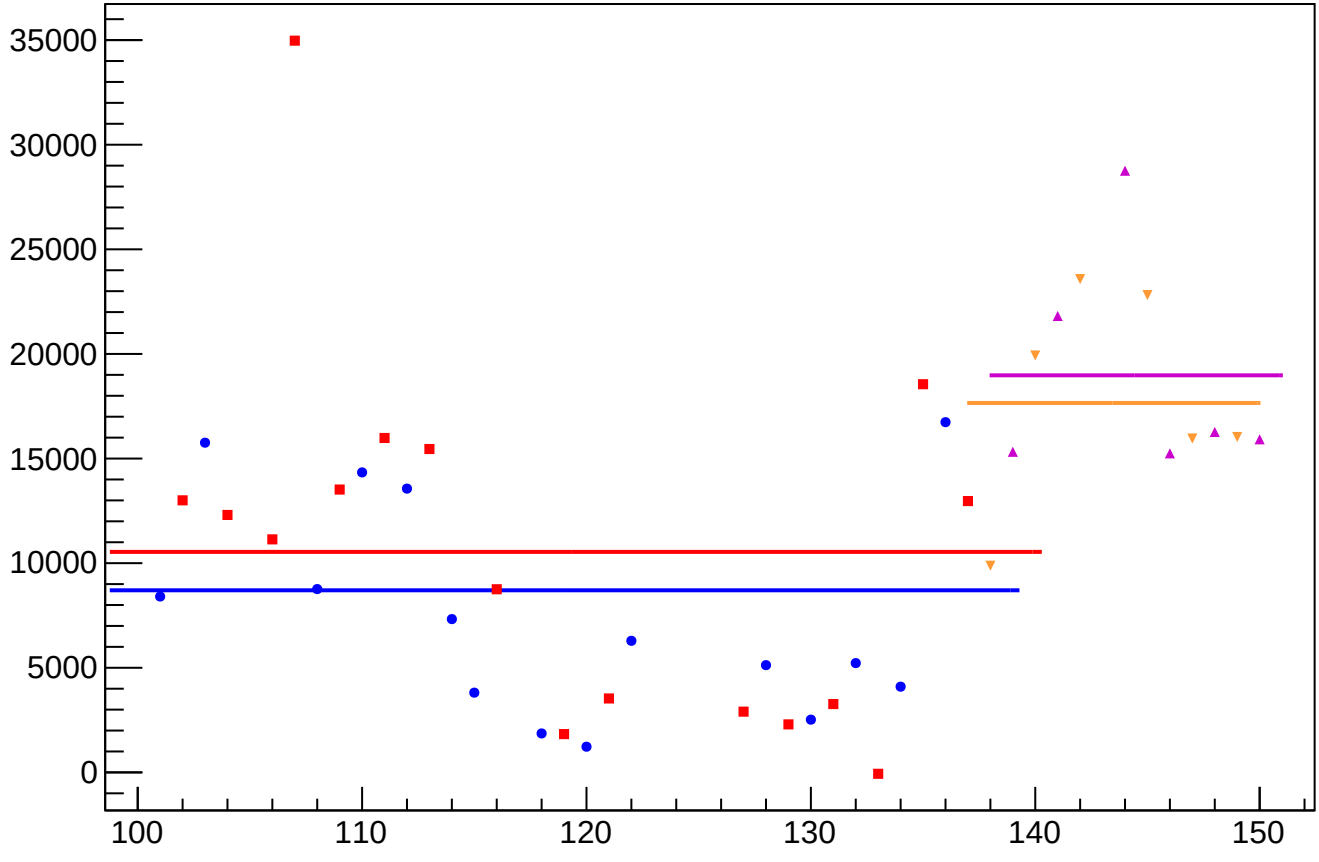
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF: 1950113306730842685953630450081919192268 8.0/14

+ sign 12364.696+/-0.000 χ^2/NDF: 5013178152333

Left Out: 17656.956+/-0.000 χ^2/NDF:9354825497286272960188775437068314607616.0/5

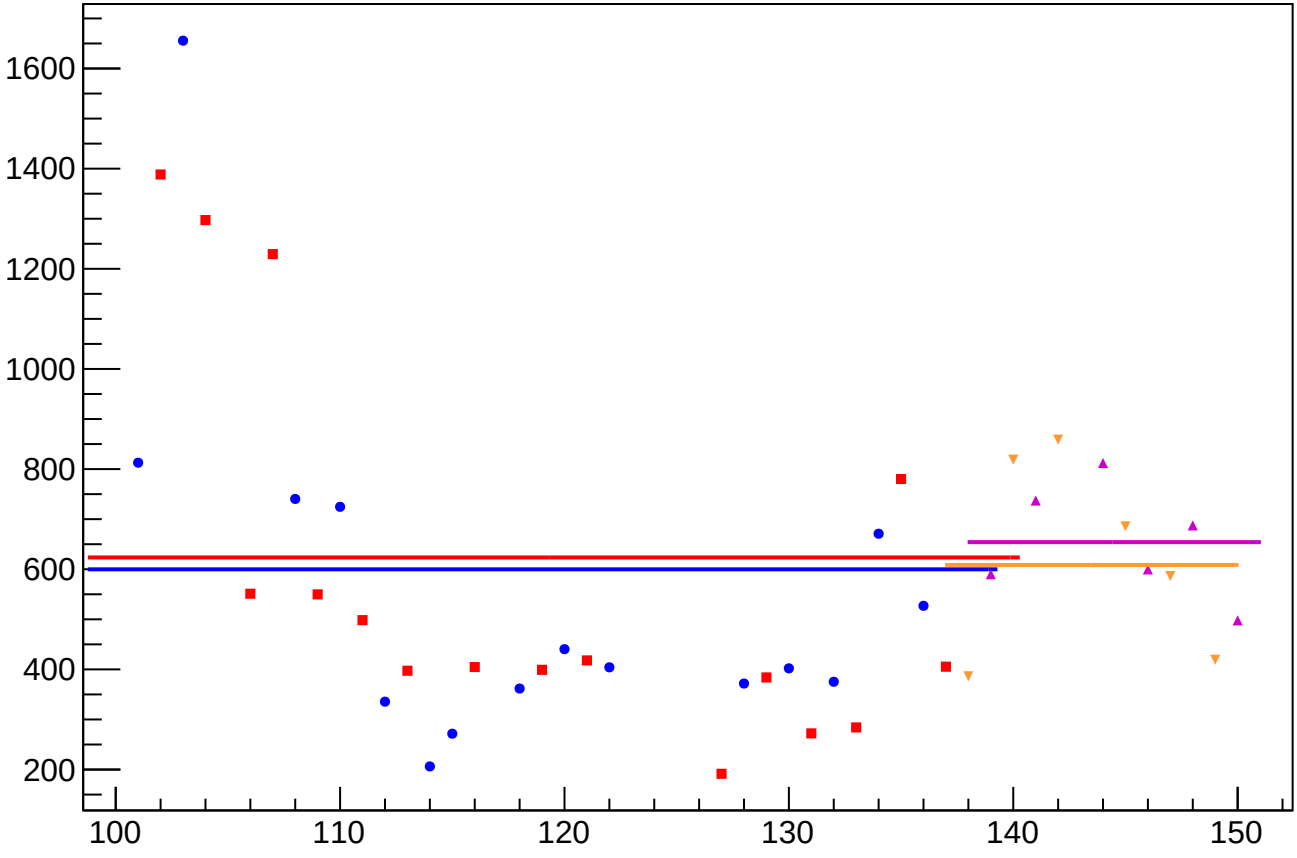
All: 13319.602+/-0.000 χ^2/NDF: 1318404705

Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

- sign 14208.151+/-0.000 χ^2/NDF: 7977585039051

Left In: 18978.336+/-0.000 χ^2/NDF:1289802119916431663872704434473719667097 6.0/5

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

+ sign 603.435+/-0.000 χ^2/NDF: 10317836109563 0

Left Out: 608.618+/-0.000 χ^2/NDF:1389899322794859750529202662239161548 8.0/5

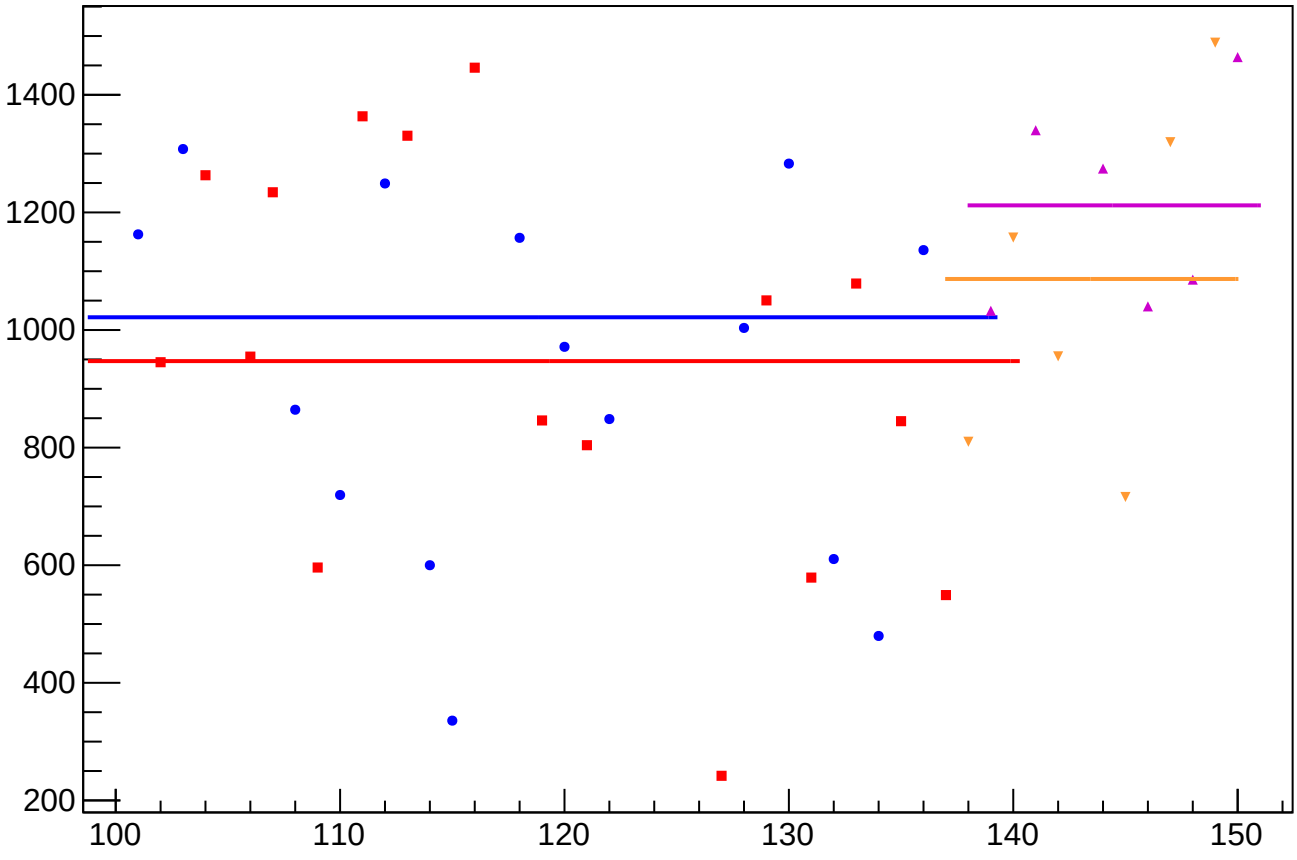
All: 620.754+/-0.000 χ^2/NDF: 2112399421 21

Right Out: 623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

- sign 636.869+/-0.000 χ^2/NDF: 107425810133294

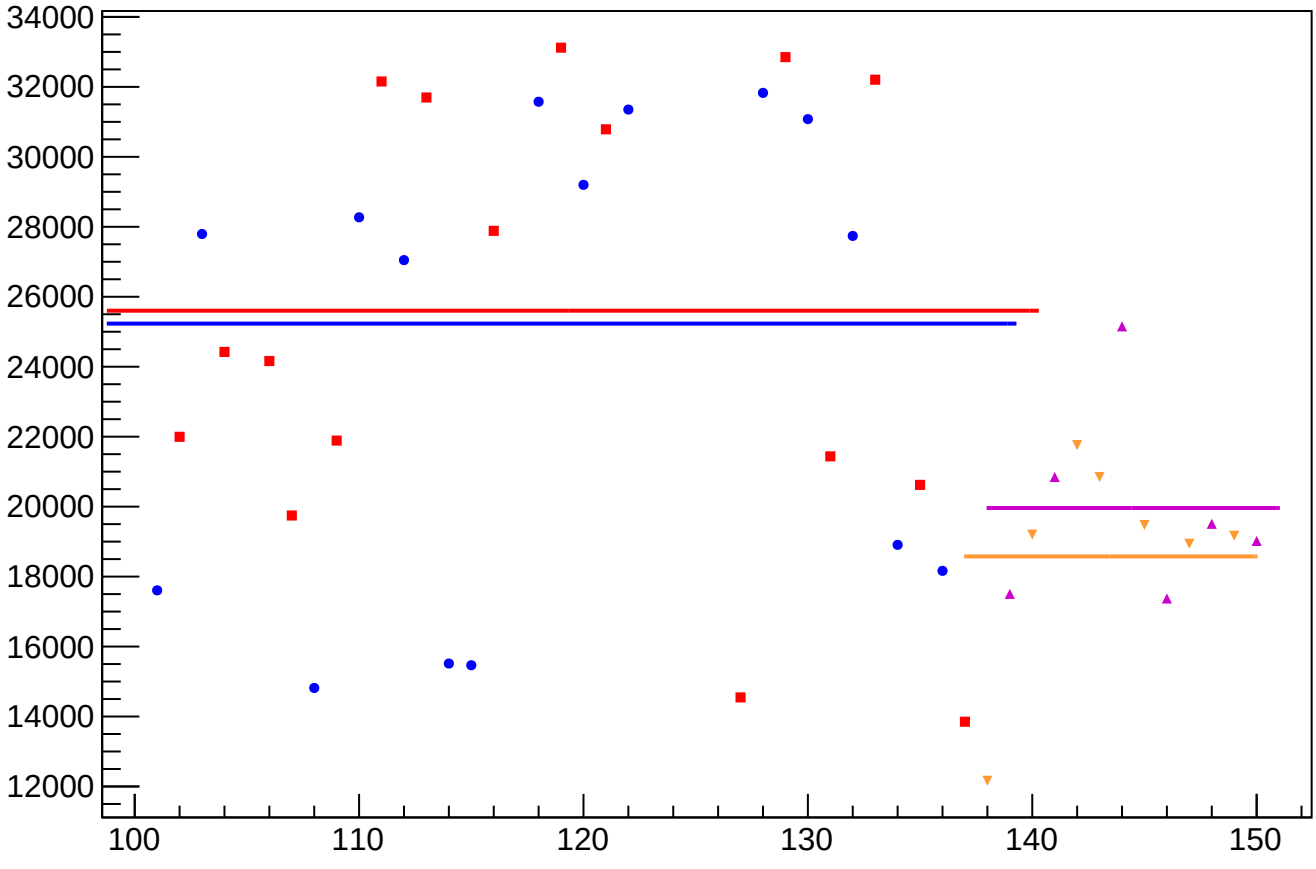
Left In: 654.161+/-0.000 χ^2/NDF:5705577400215505114873222352267640832.0/5

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1048.321+/-0.000 χ^2/NDF: 7772378908726 9
Left Out: 1086.822+/-0.000 χ^2/NDF:36104648454207601981452111060785954816.0/5
All: 1055.555+/-0.000 χ^2/NDF: 1798761079 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021
Left In: 1211.994+/-0.000 χ^2/NDF:13916433354967532661052491011247308800.0/5

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Left Out: 18576.185+/-0.000 χ^2/NDF:4156675003592941063235282203083202887680.0/6

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

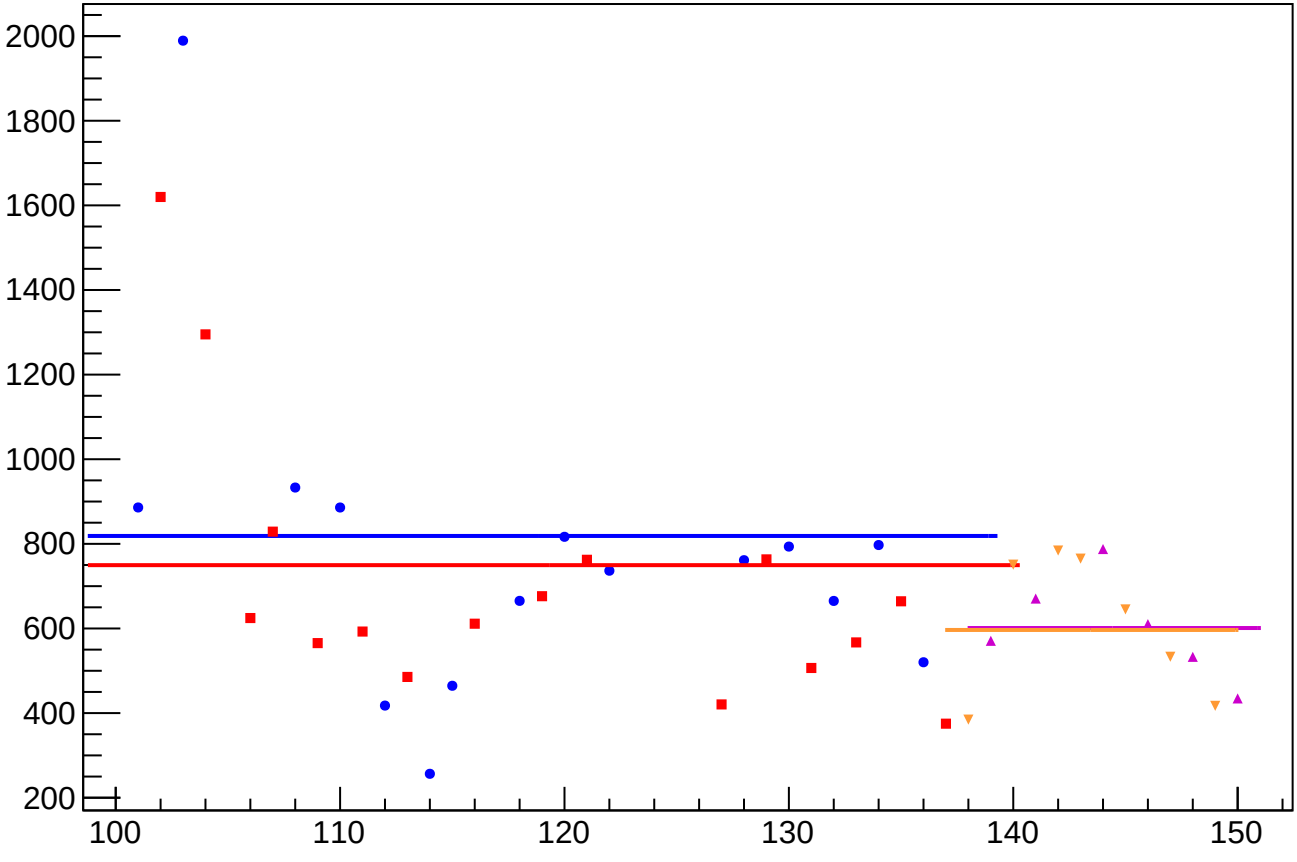
Left In: 19961.425+/-0.000 χ^2/NDF:3607191272875484655998239958660917755904.0/5

+ sign 22284.144+/-0.000 χ^2/NDF: 4142631351129

All: 22719.559+/-0.000 χ^2/NDF: 7905607136

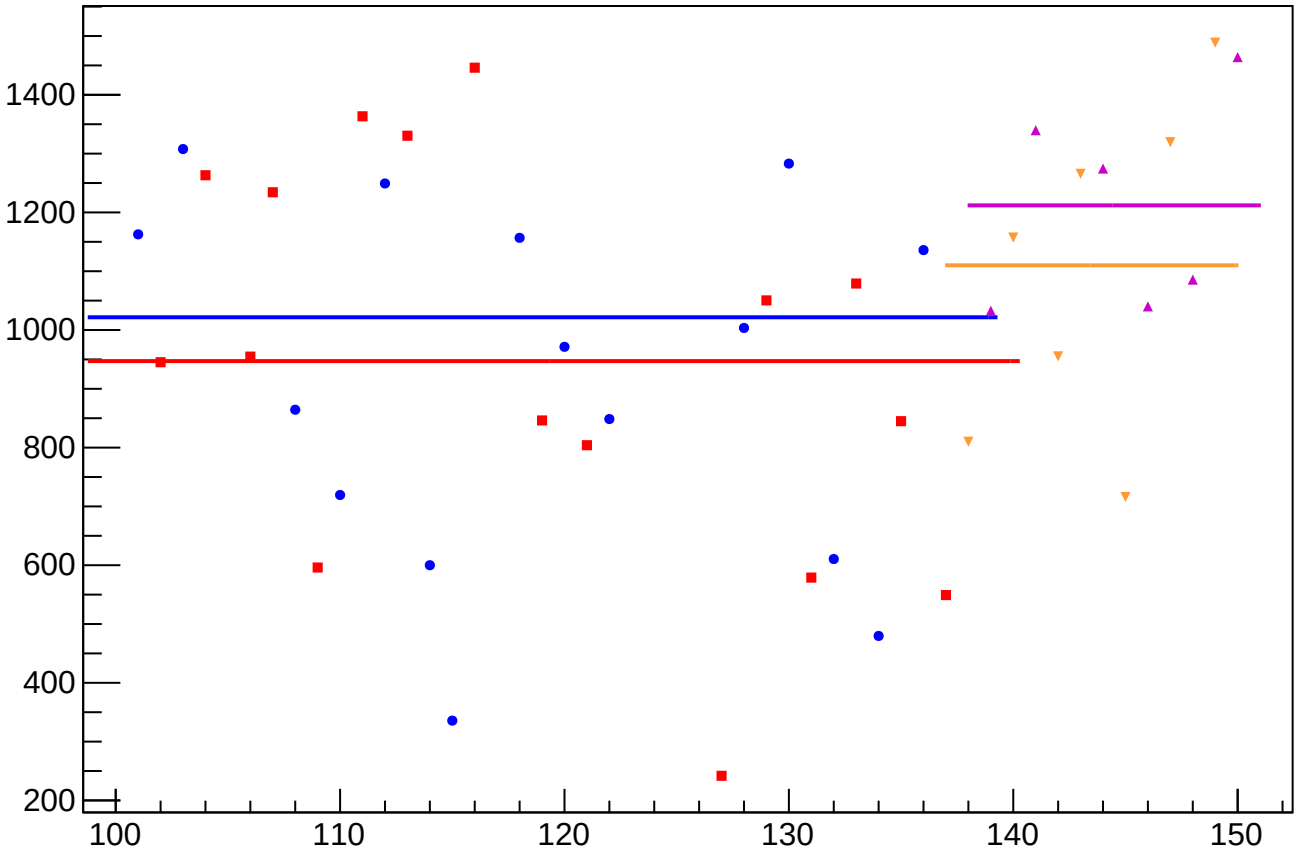
- sign 23149.438+/-0.000 χ^2/NDF: 3719083053871

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 720.261+/-0.000 χ^2/NDF: 1319828728149 86
Left Out: 596.490+/-0.000 χ^2/NDF:1218674099759399516271002882921830 8096.0/6
All: 702.547+/-0.000 χ^2/NDF: 2235890035 07
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
- sign 685.059+/-0.000 χ^2/NDF: 908796729357266
Left Out: 596.490+/-0.000 χ^2/NDF:6503864655069099706414902393303990272.0/5

dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1060.821+/-0.000 χ^2/NDF: 80706936661902

Left Out: 1110.045+/-0.000 χ^2/NDF:37969517906791985414992429206525181952.0/6

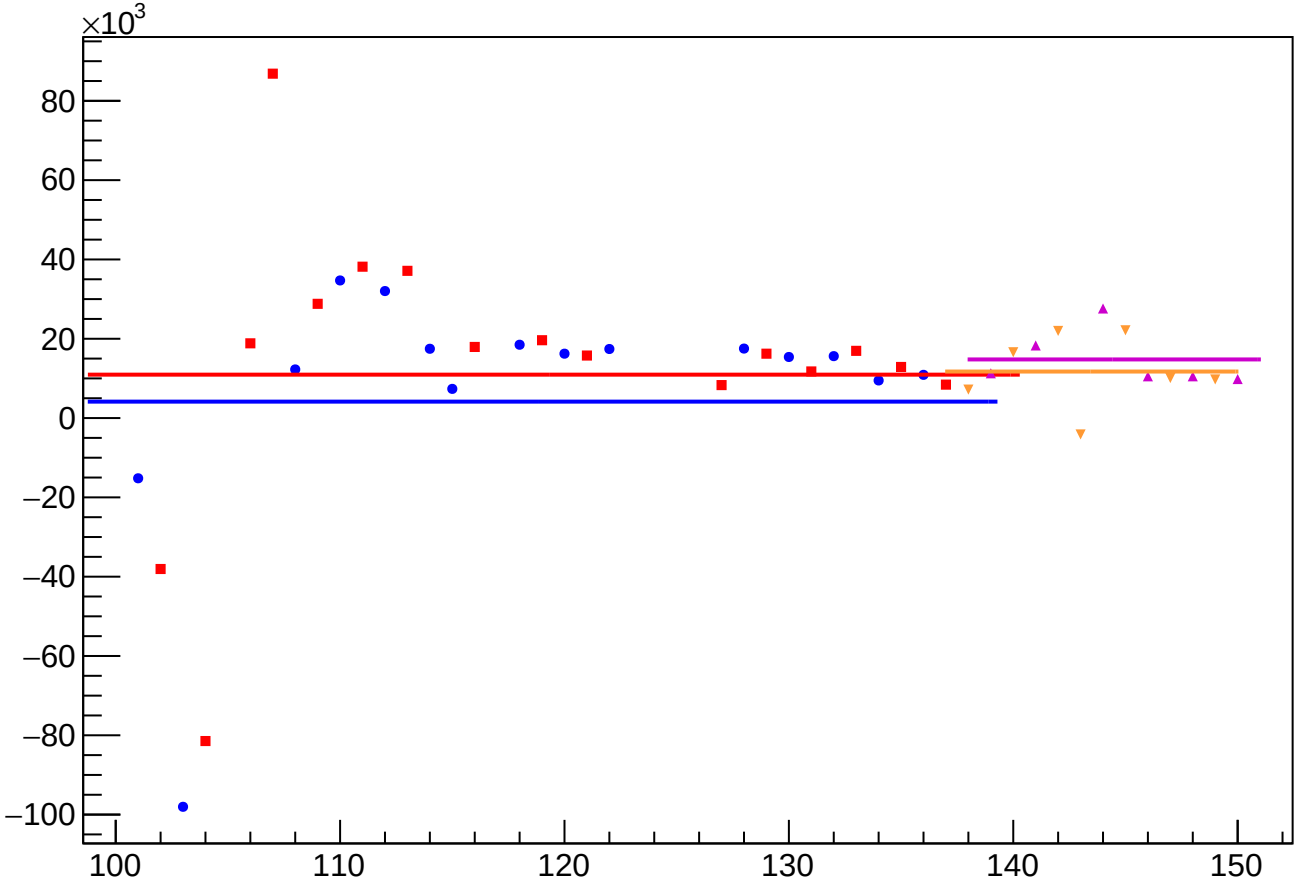
All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

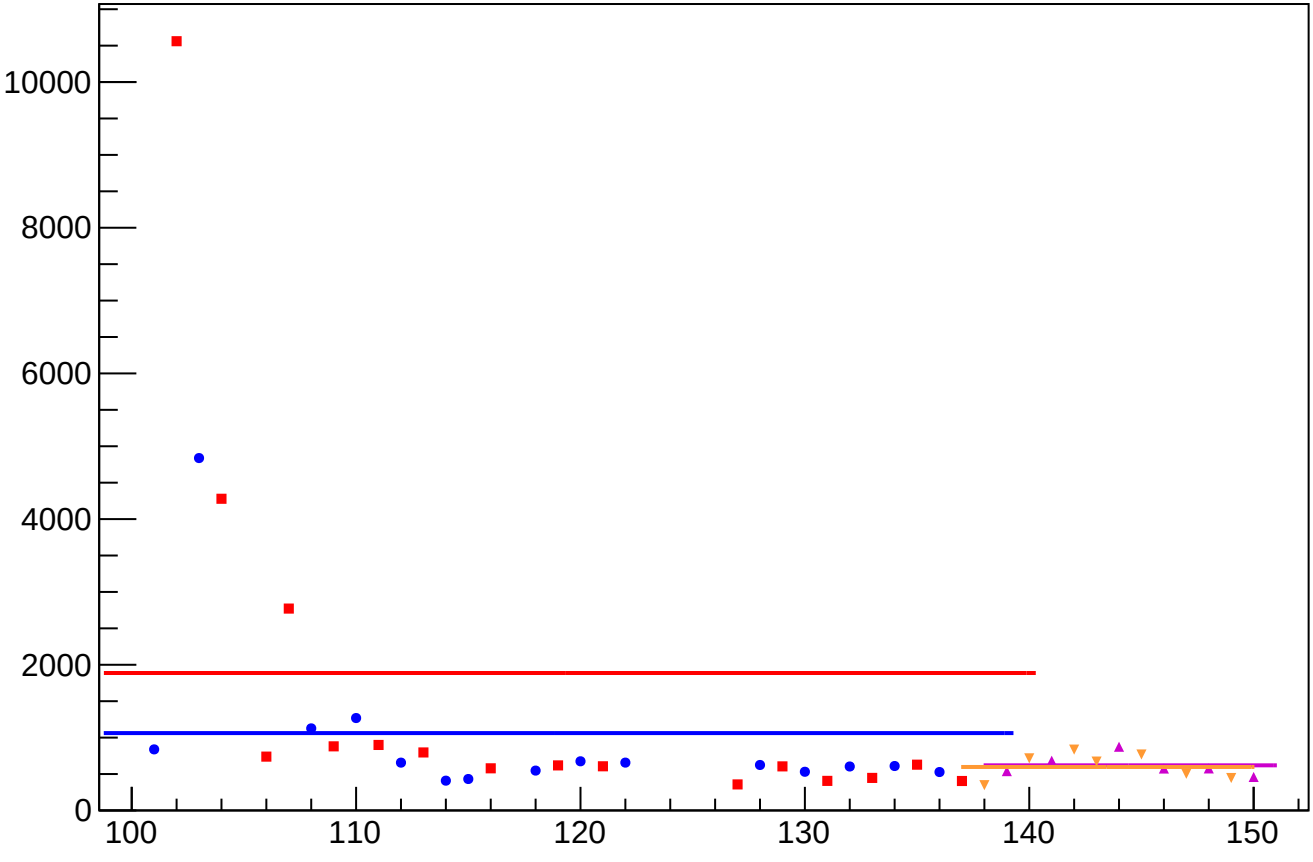
Left Out: 1211.994+/-0.000 χ^2/NDF:139164333549675326610524910112473088 00.0/5

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14
+ sign 7505.994+/-0.000 χ^2/NDF: 8147901028693 4
Left Out: 11732.955+/-0.000 χ^2/NDF:3454651203546128420876444527760948120780 8.0/6
All: 10077.438+/-0.000 χ^2/NDF: 1730303802
Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15
- sign 12616.193+/-0.000 χ^2/NDF: 9002049173826
Left In: 14785.073+/-0.000 χ^2/NDF:2198606571333494600691194060513164132352 0.0/5

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

+ sign 856.105+/-0.000 χ^2/NDF: 102899657635144

Left Out: 596.963+/-0.000 χ^2/NDF:139882471919072116047529447565756989 44.0/6

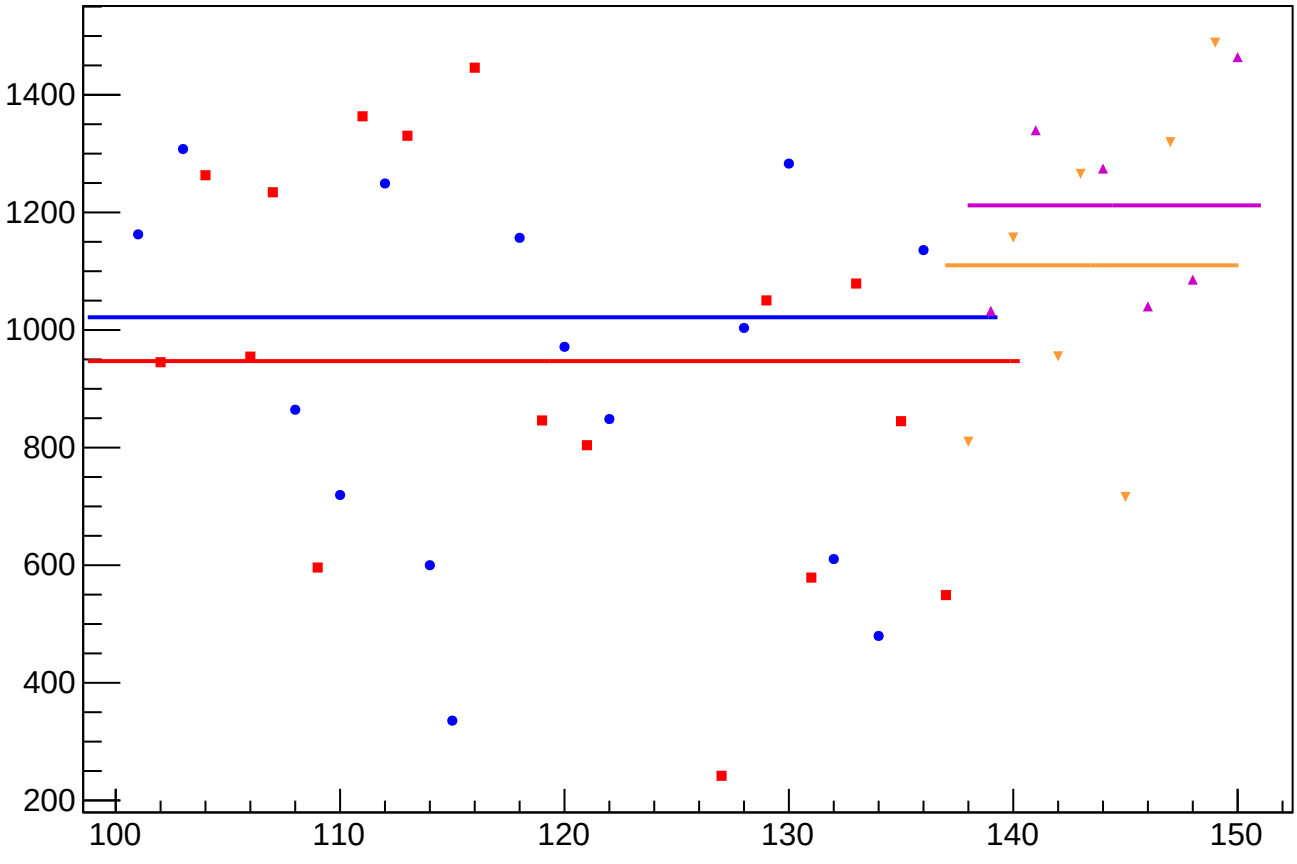
All: 1097.587+/-0.000 χ^2/NDF: 7165087278

Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

- sign 1335.999+/-0.000 χ^2/NDF: 60010837539799

Left In: 619.491+/-0.000 χ^2/NDF:928565076182535655581504161794385 5104.0/5

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1060.821+/-0.000 χ^2/NDF: 80706936661902

Left Out: 1110.045+/-0.000 χ^2/NDF:37969517906791985414992429206525181952.0/6

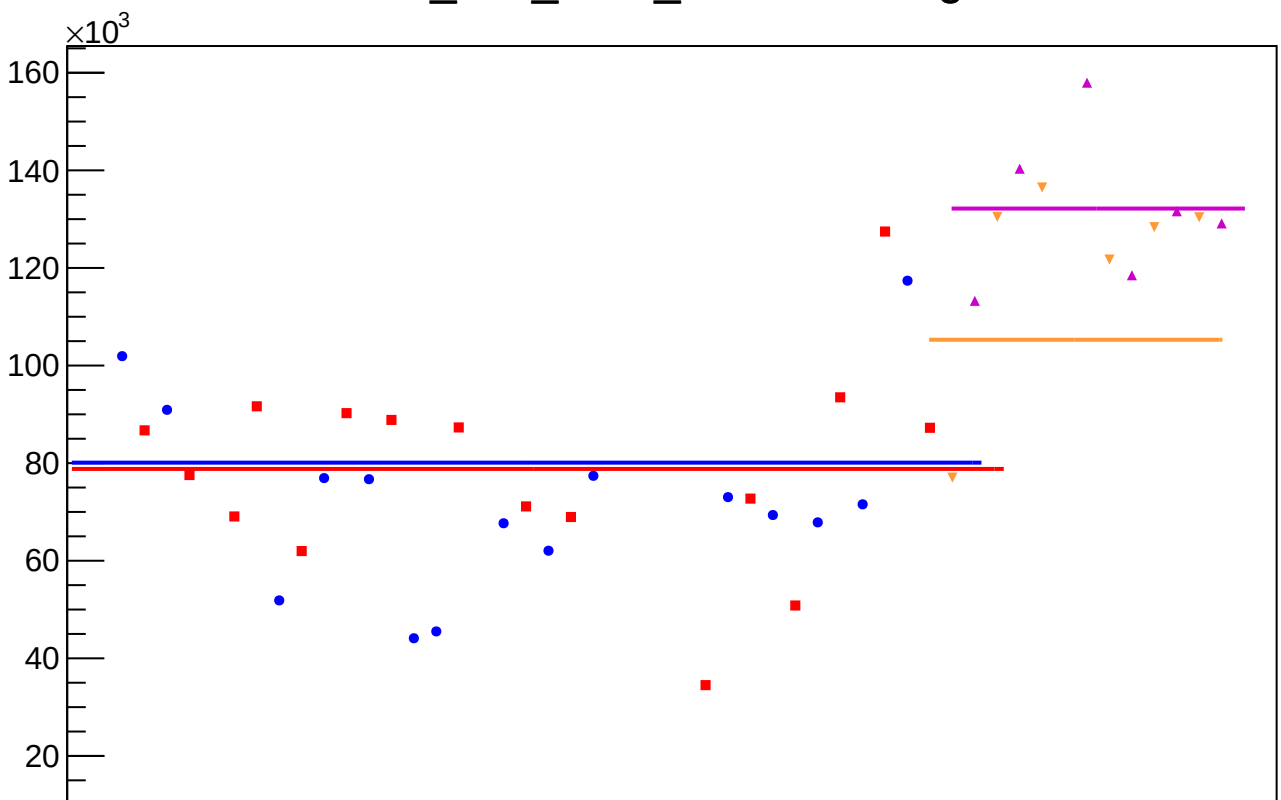
All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

Left Out: 1211.994+/-0.000 χ^2/NDF:13916433354967532661052491011247308800.0/5

dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

+ sign 91257.298+/-0.000 χ^2/NDF: 1349909005991

Left Out: 105287.262+/-0.000 χ^2/NDF:91306314553789882542895138878717868952780 8.0/6

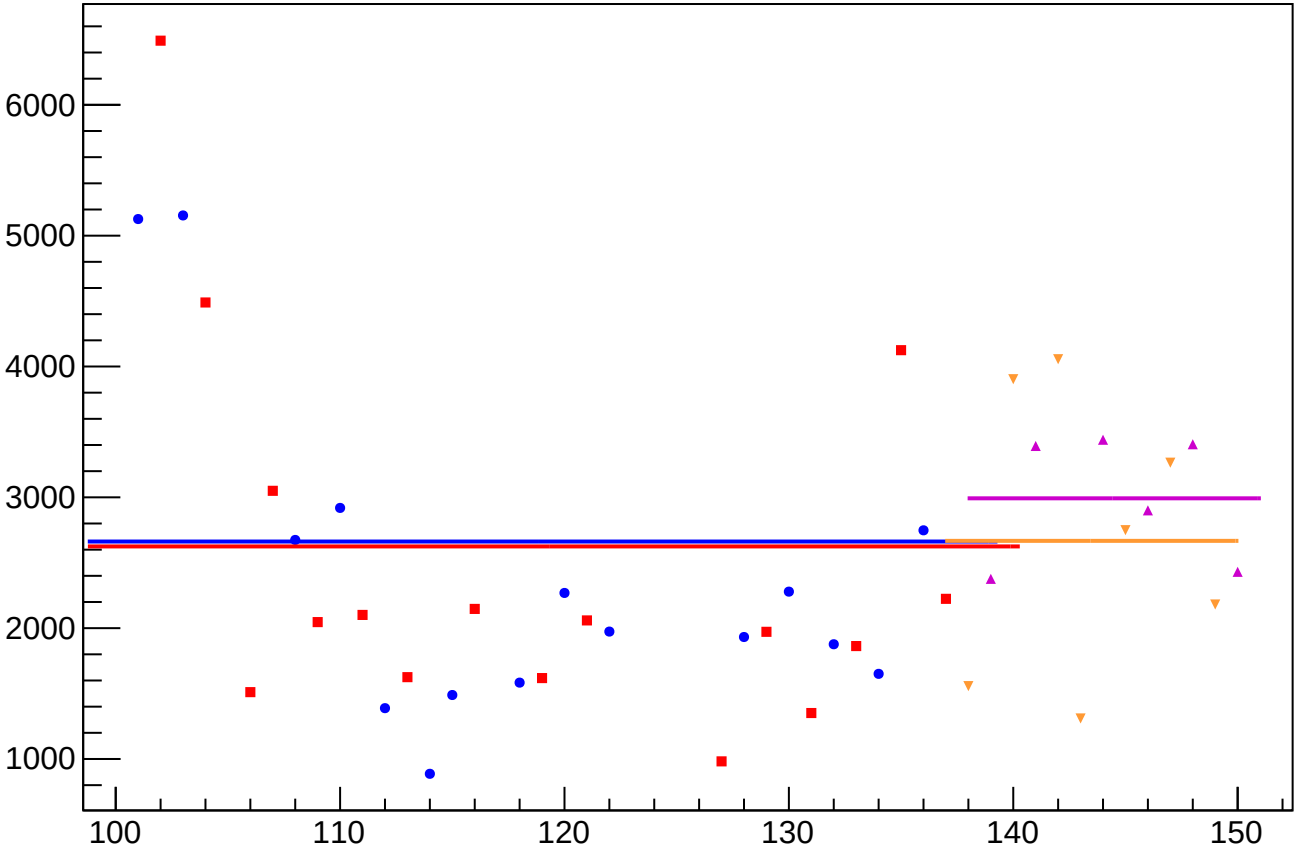
All: 96669.310+/-0.000 χ^2/NDF: 2639584201

Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

- sign 102012.525+/-0.000 χ^2/NDF: 122186355212

Left In: 132172.748+/-0.000 χ^2/NDF:1102380712326768120429350880058805363671 04.0/5

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF: 1031389230165640157864439705583367487488.0/14

Left Out: 2667.304+/-0.000 χ^2/NDF:4817509831215207283379728660264124416 00.0/6

Right Out: 2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

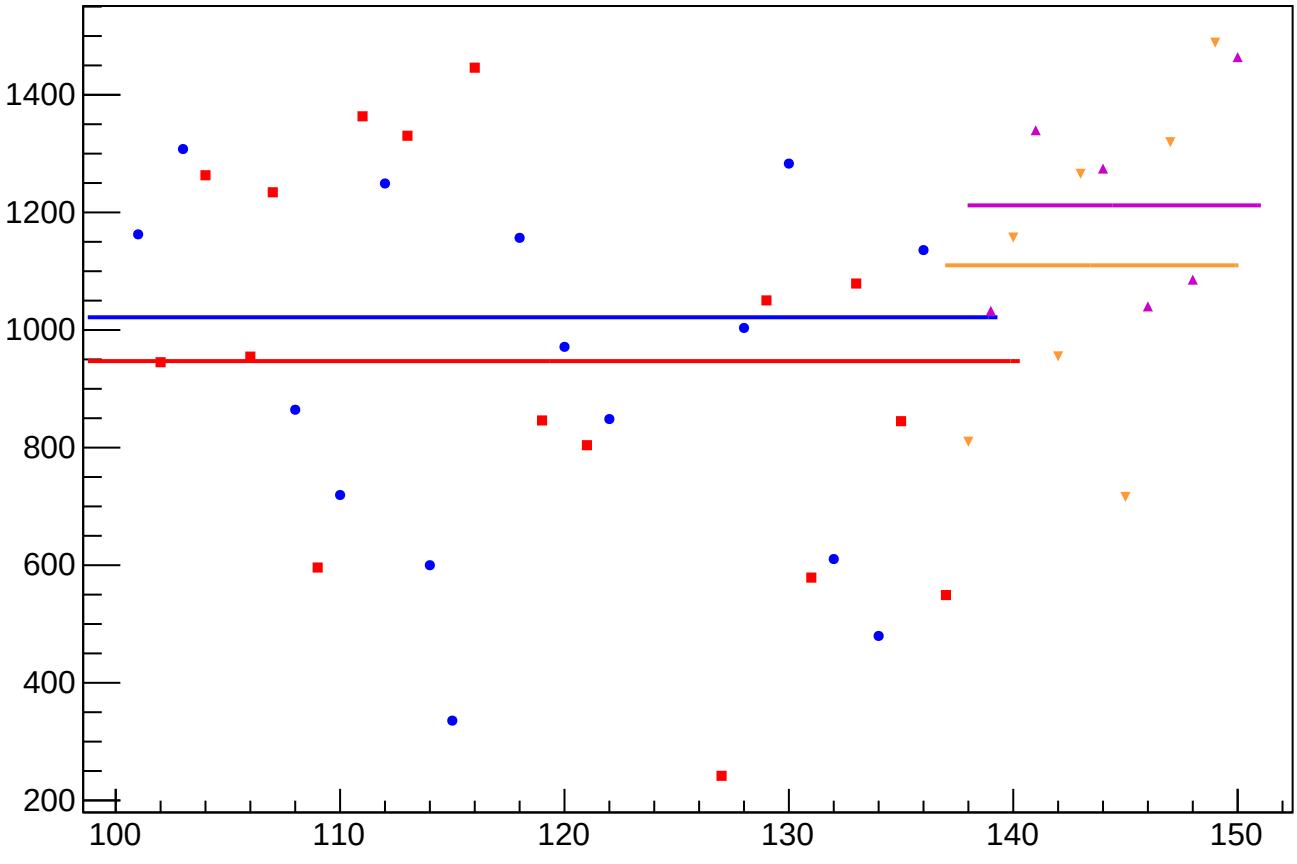
Left In: 2992.391+/-0.000 χ^2/NDF:1059085225800435963415598091364529602 56.0/5

+ sign 2664.451+/-0.000 χ^2/NDF: 1513147750253 4

All: 2724.885+/-0.000 χ^2/NDF: 3233421633 4

- sign 2784.550+/-0.000 χ^2/NDF: 17118183196514

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

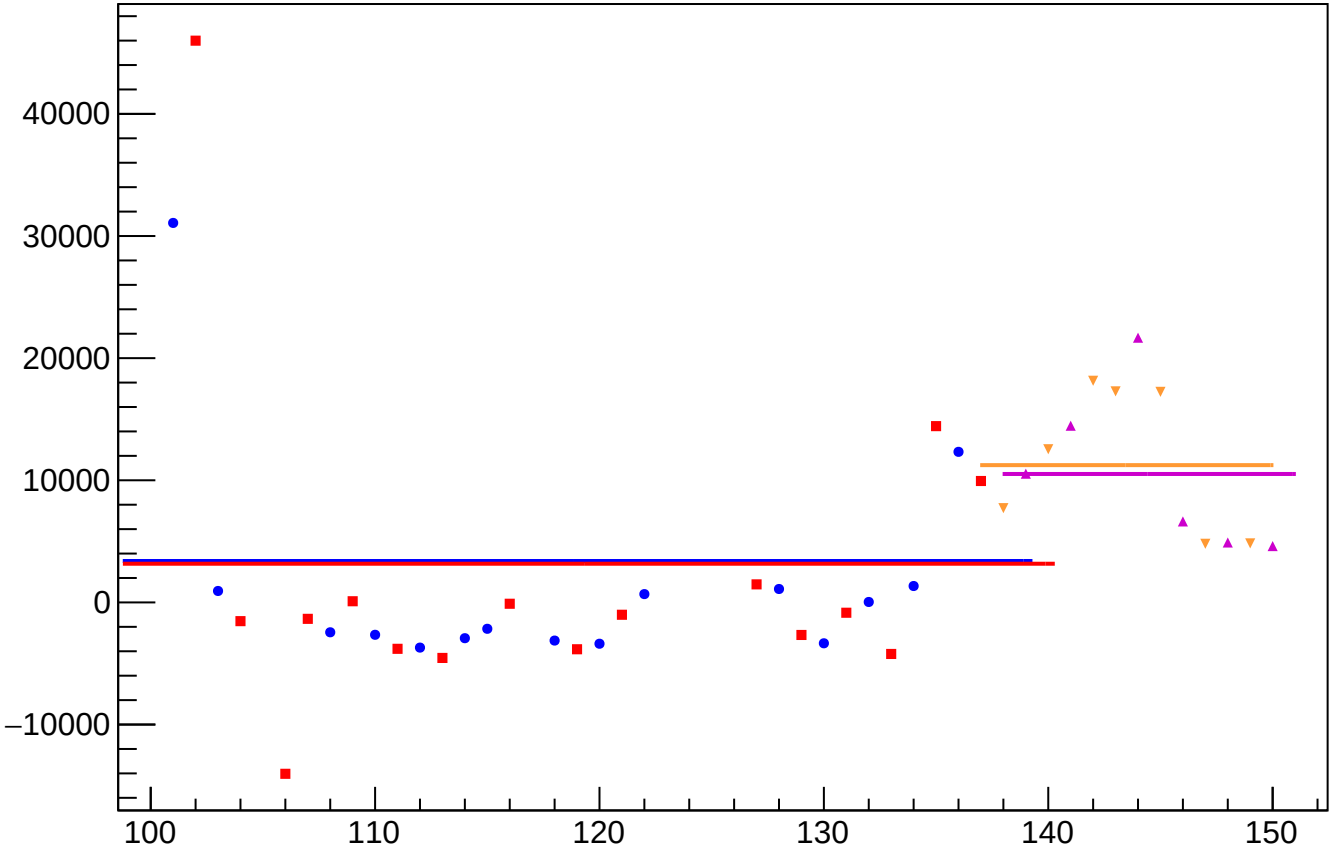
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14

Left Out: 11240.508+/-0.000 χ^2/NDF:1534614451304135424019357151024437736243 2.0/6

Right Out: 3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

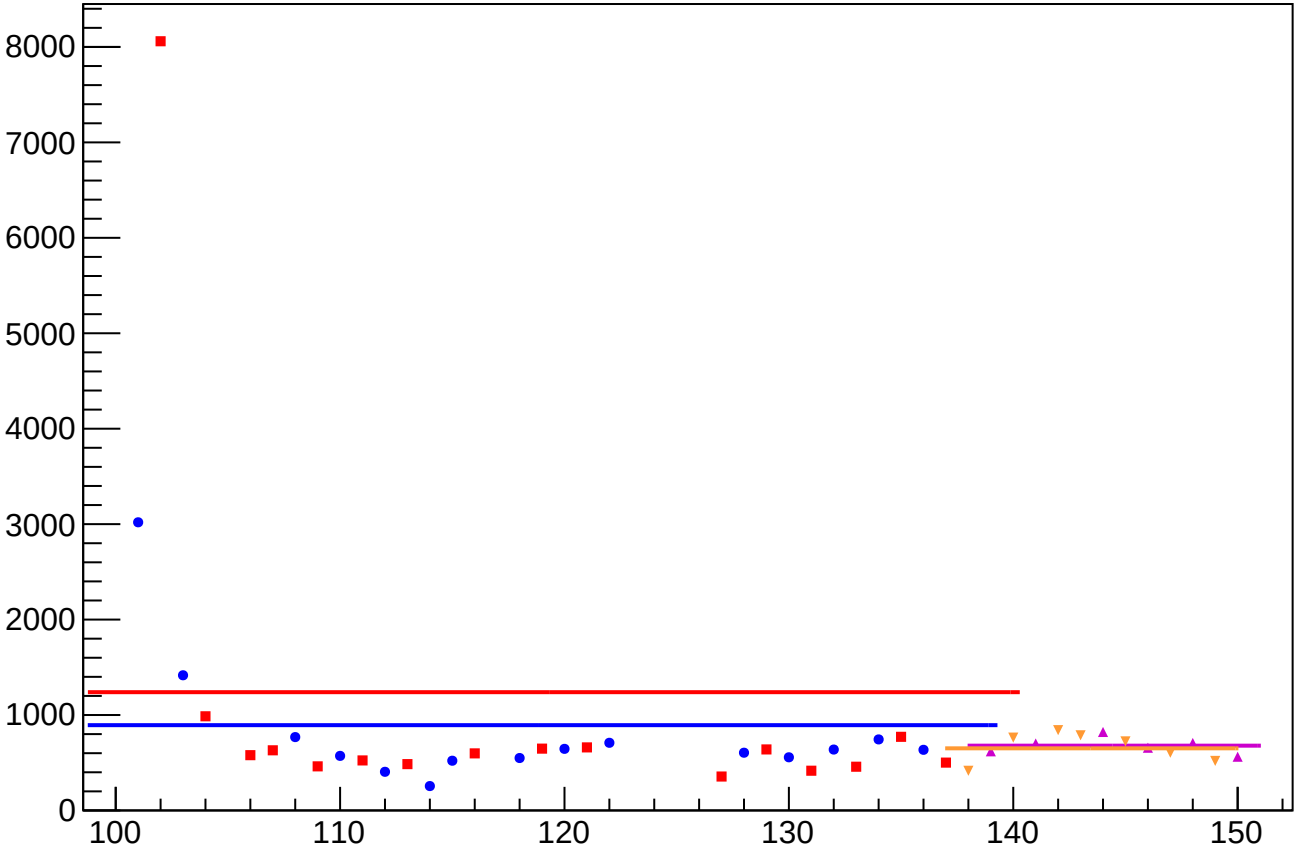
Left In: 10516.262+/-0.000 χ^2/NDF:1947771515095209276769334502613785247744 0.0/5

+ sign 6867.441+/-0.000 χ^2/NDF: 9893152115731 3

All: 6613.247+/-0.000 χ^2/NDF: 2719730831 6

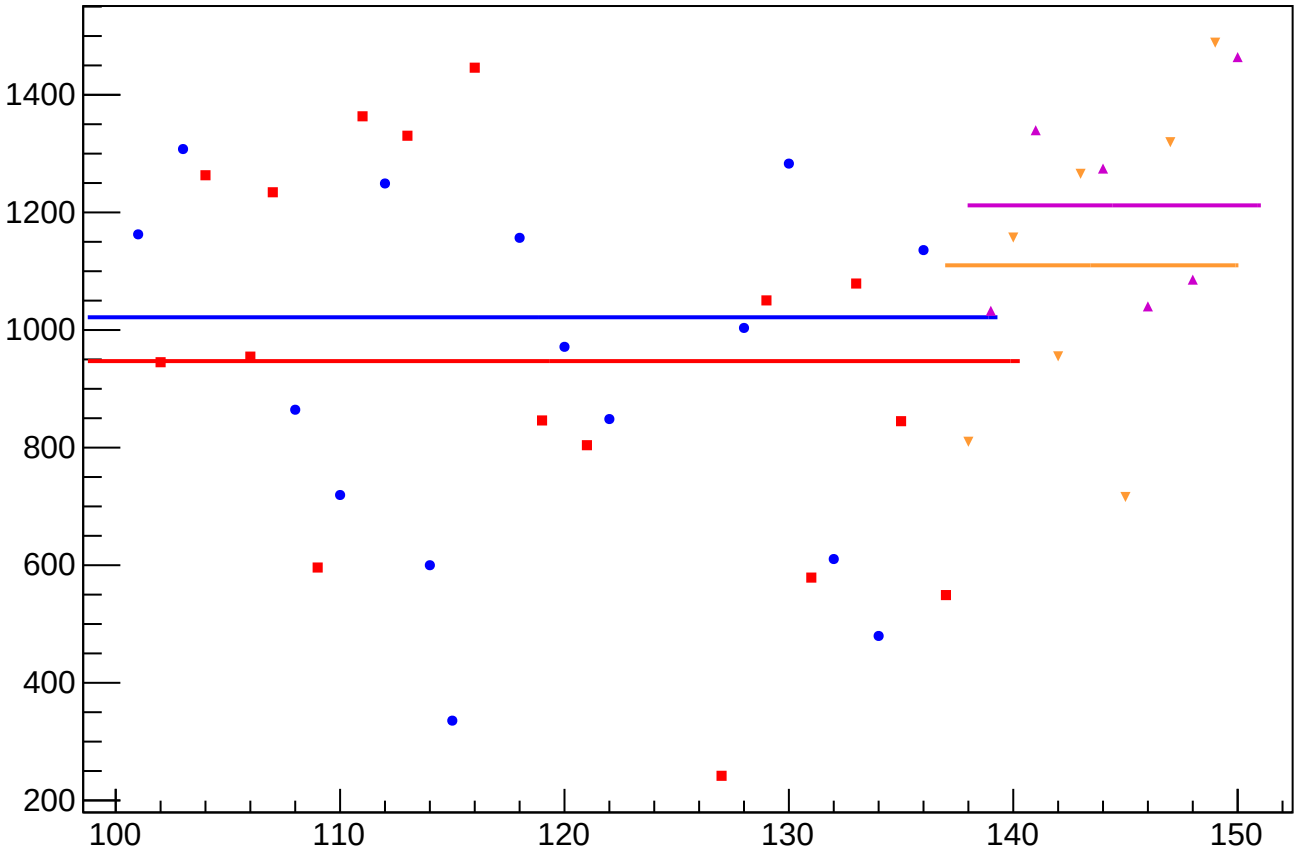
- sign 6362.284+/-0.000 χ^2/NDF: 17289196654270

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
+ sign 786.161+/-0.000 χ^2/NDF: 36184577561565 3
Left Out: 650.926+/-0.000 χ^2/NDF:1032218952226265137778769531964804 3008.0/6
All: 891.581+/-0.000 χ^2/NDF: 3453126354 81
Right Out: 1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
- sign 995.660+/-0.000 χ^2/NDF: 306555119128496
Left In: 678.883+/-0.000 χ^2/NDF:3489241052128687524775307726806843392.0/5

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

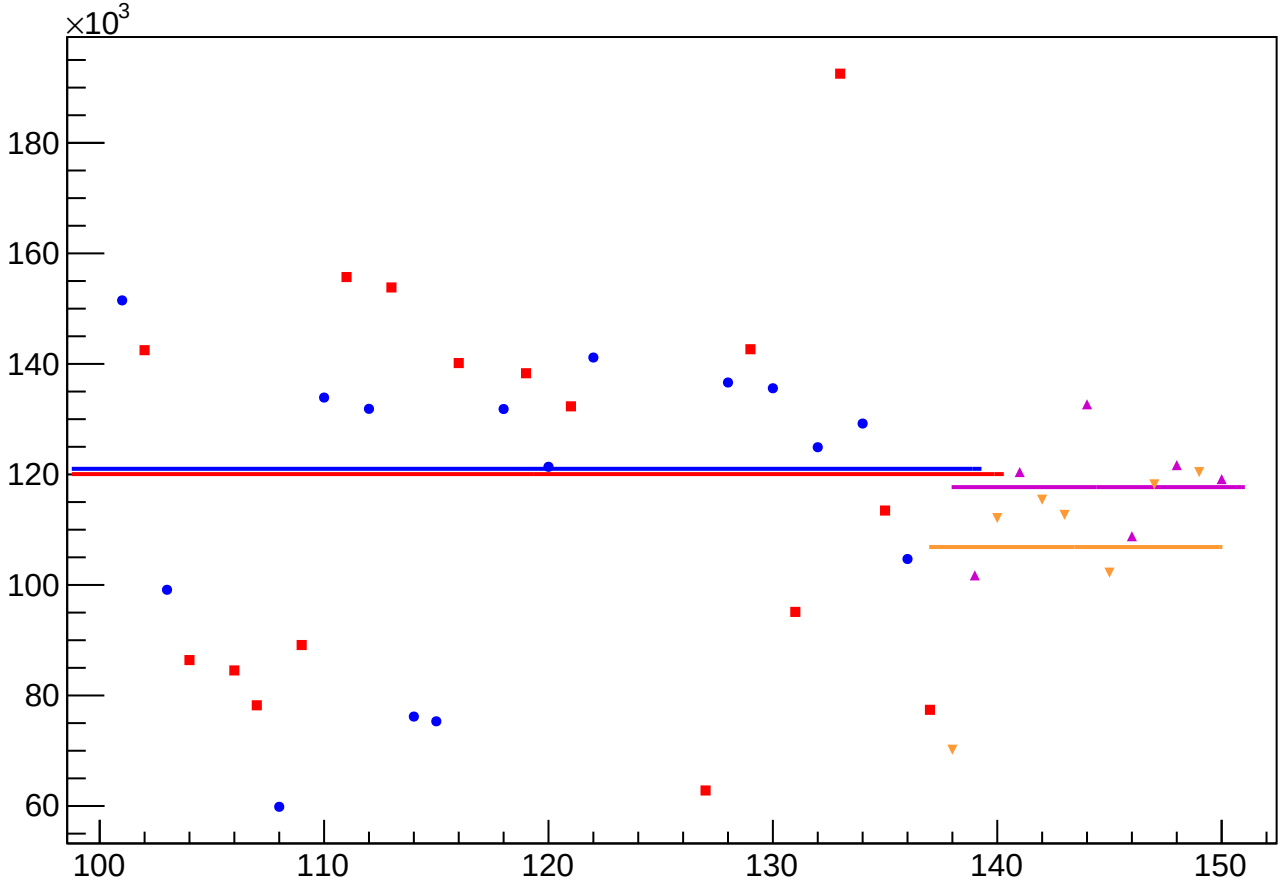
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

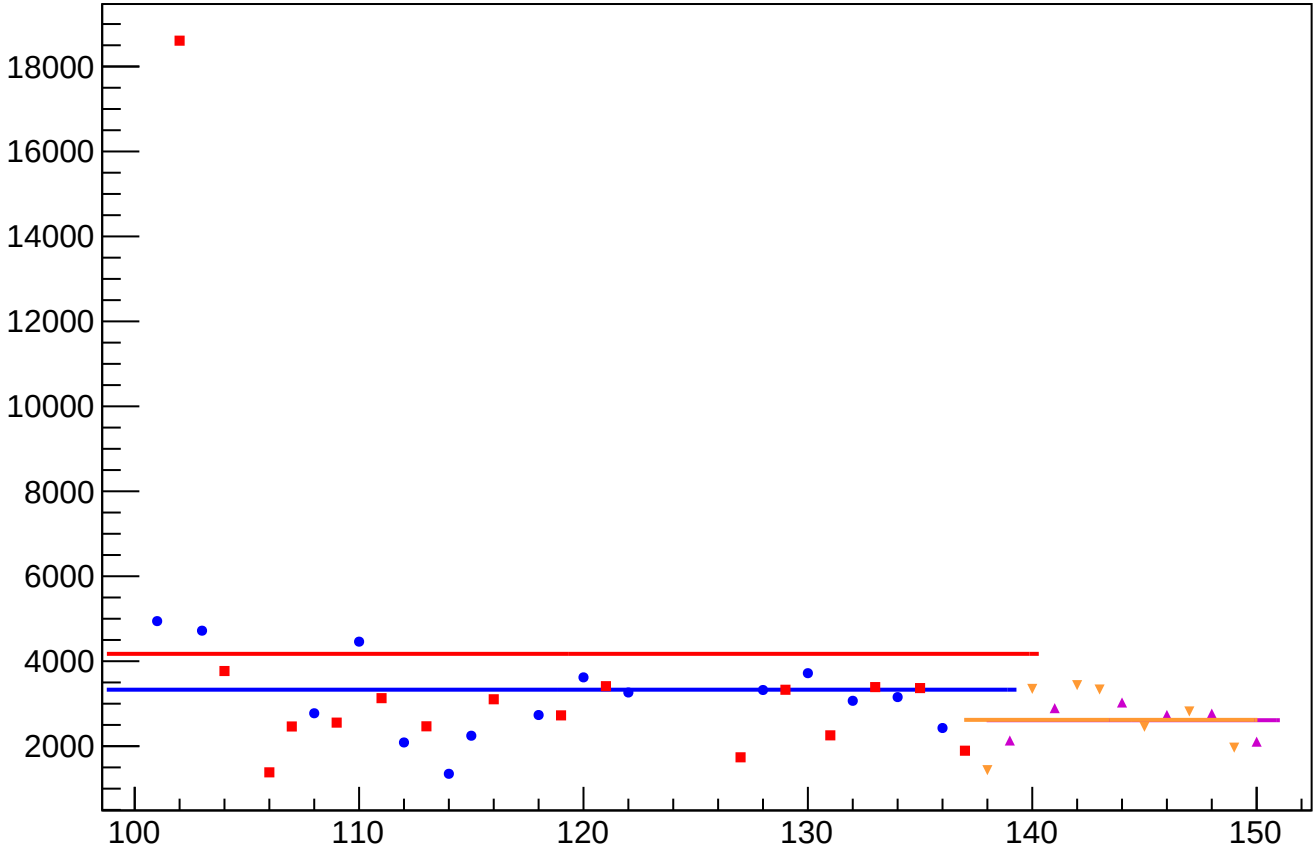
- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_atr2_coil7_mean vs Slug



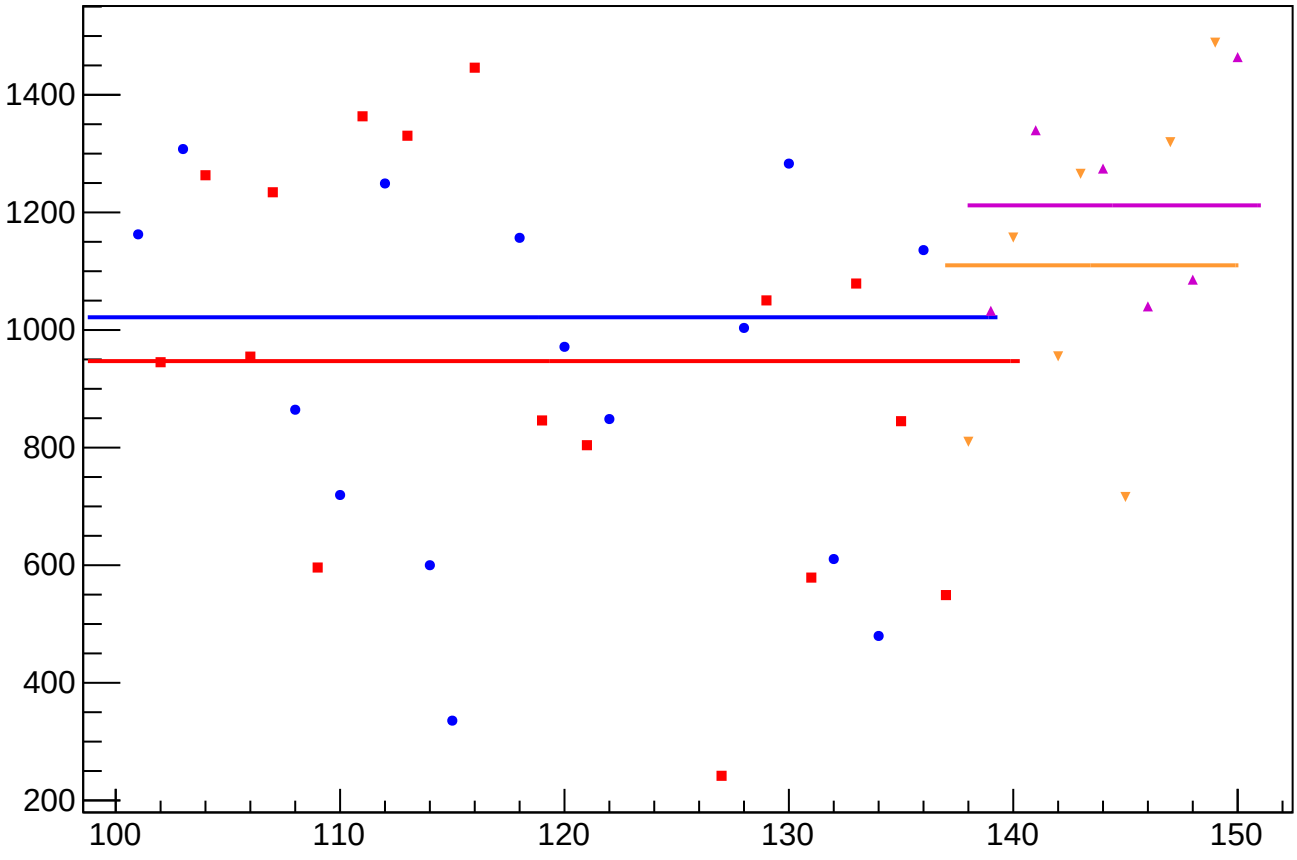
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 114747.612+/-0.000 χ^2/NDF: 5563460990 11
Left Out: 106862.928+/-0.000 χ^2/NDF:1400485541282254252610128487163755075993 60.0/6
All: 116906.089+/-0.000 χ^2/NDF: 14465149 7
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 119037.129+/-0.000 χ^2/NDF: 879382338443
Left Out: 117706.296+/-0.000 χ^2/NDF:4935516826036442214639759304146570916659 2.0/5

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14
+ sign 3014.955+/-0.000 χ^2/NDF: 97095106791182
Left Out: 2619.350+/-0.000 χ^2/NDF:258954484923567171089832543822404386816.0/6
All: 3256.129+/-0.000 χ^2/NDF: 1537894102
Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15
- sign 3494.239+/-0.000 χ^2/NDF: 14273326137432
Left Out: 2611.152+/-0.000 χ^2/NDF:673299019448350585895114396656593797 12.0/5

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

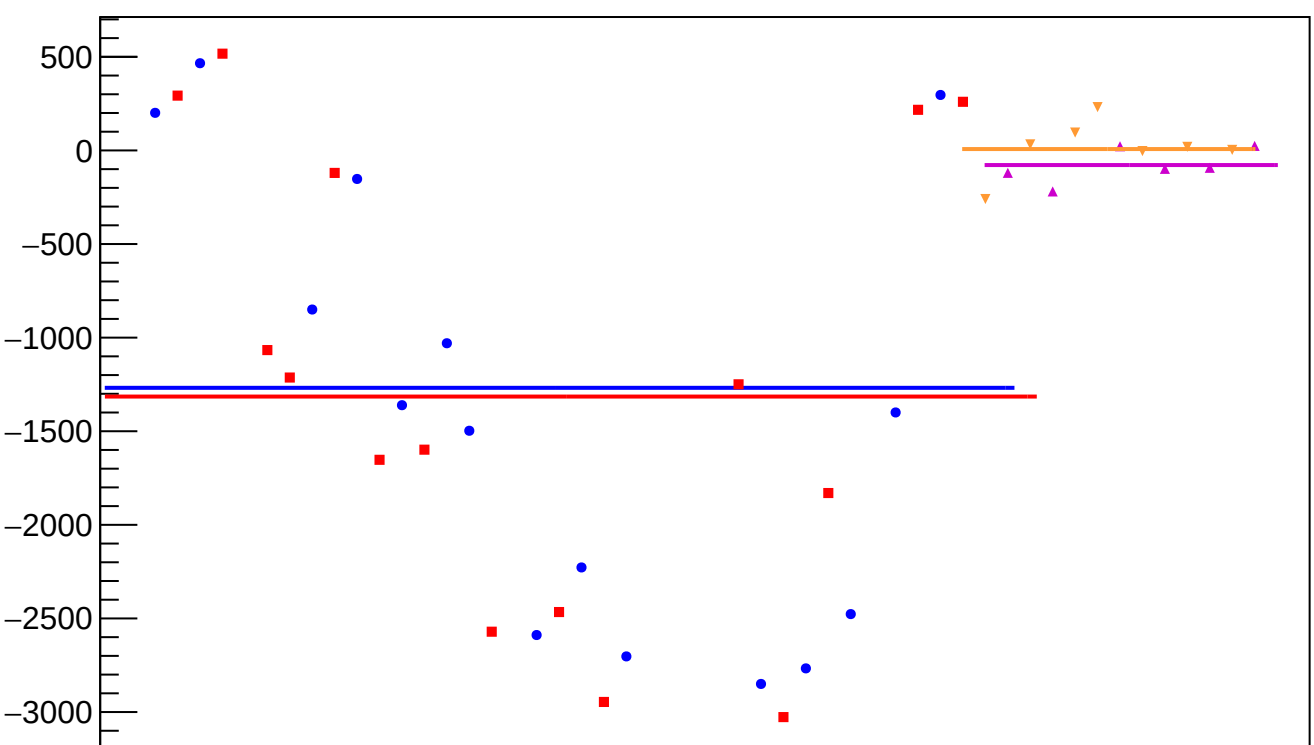
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

+ sign -703.166+/-0.000 χ^2/NDF: 15692117072347

Left Out: 7.331+/-0.000 χ^2/NDF:935141957018243333164283696036551065 6.0/6

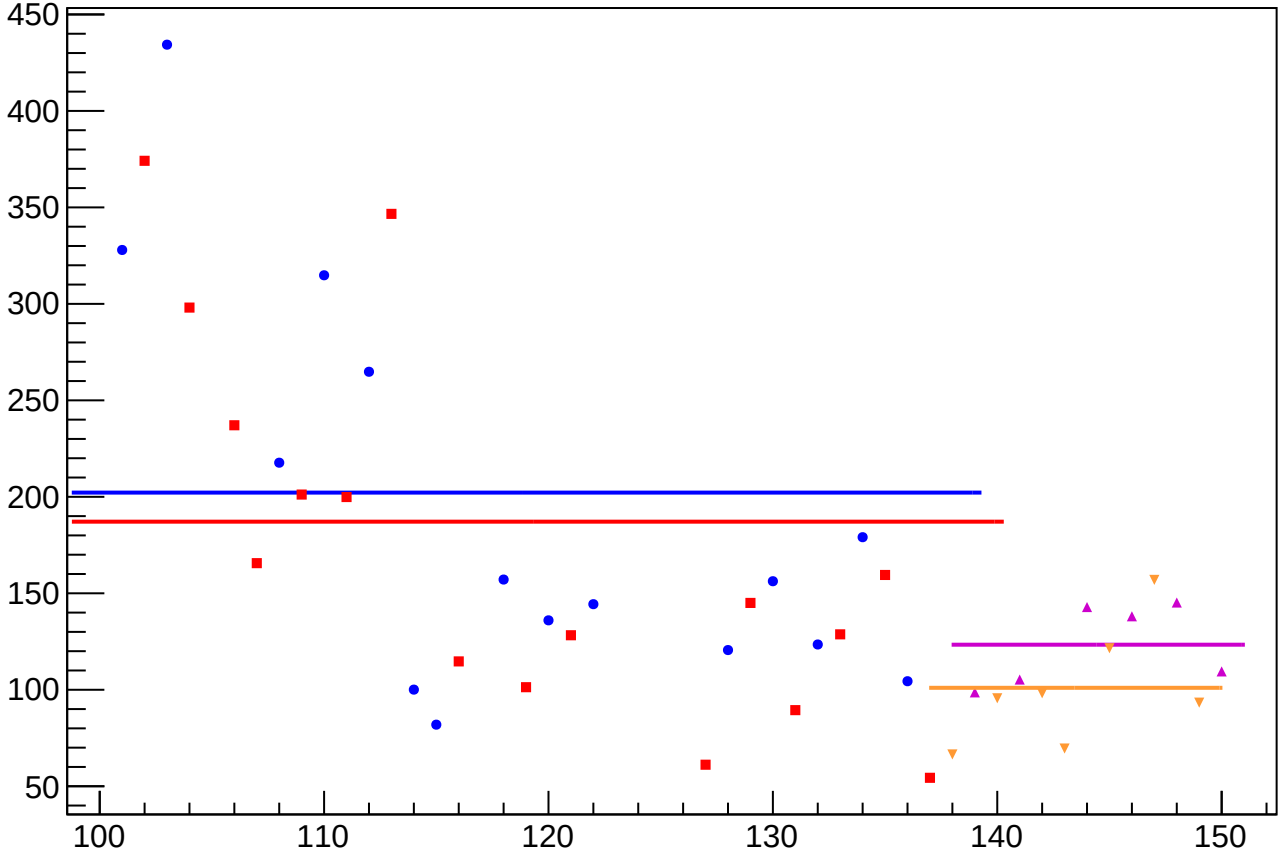
All: -740.387+/-0.000 χ^2/NDF: 3118086539 4

Right Out: -1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15

- sign -777.135+/-0.000 χ^2/NDF: 154566738808392

Left In: -78.107+/-0.000 χ^2/NDF:372834347660207483019774914713354240 0.0/5

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 101.019+/-0.000 χ^2/NDF:4451883711686318516516249646745518 08.0/6

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138 9312.0/15

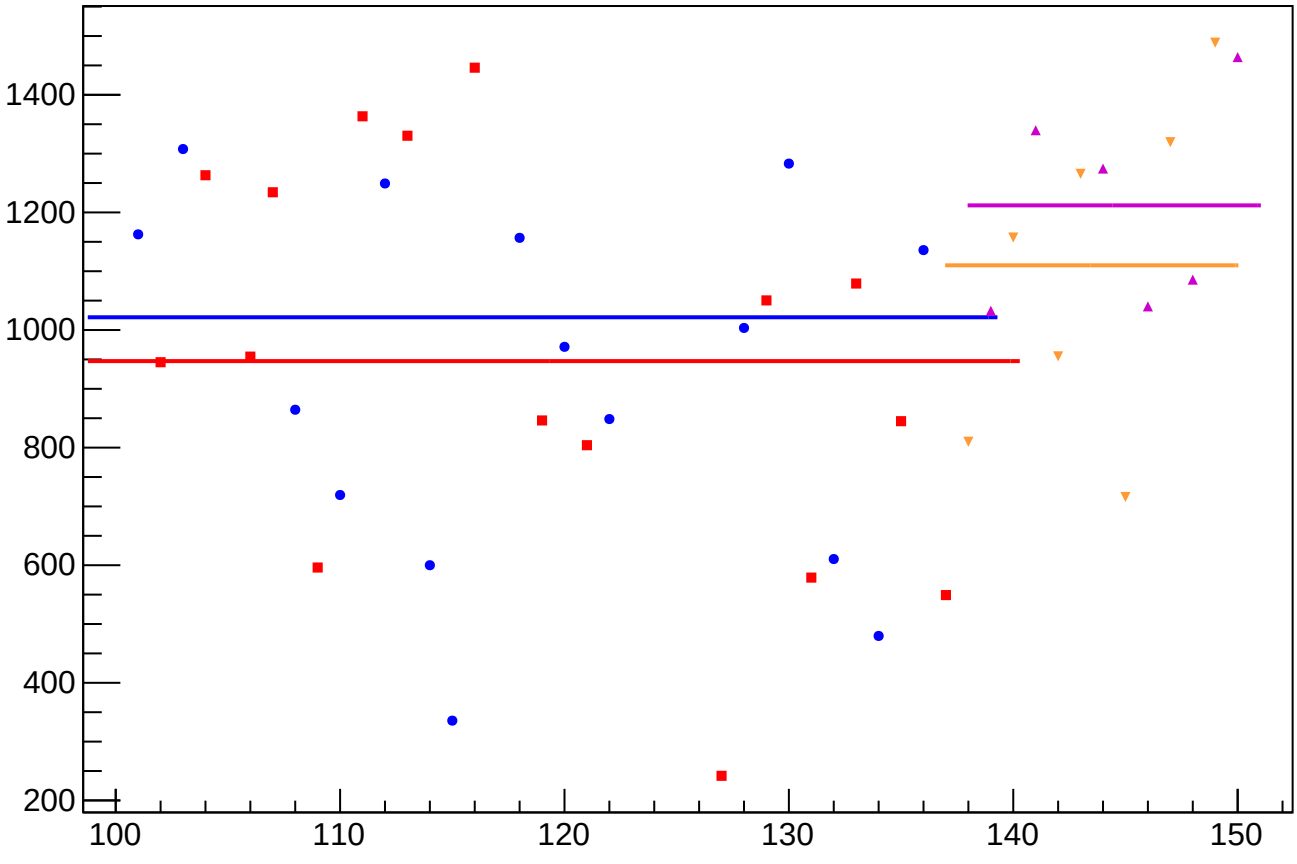
Left In: 123.358+/-0.000 χ^2/NDF:186607566836734061515441706769580032.0/5

+ sign 157.380+/-0.000 χ^2/NDF: 10415408734838 4

All: 158.398+/-0.000 χ^2/NDF: 18013581501 0

- sign 159.403+/-0.000 χ^2/NDF: 759577378161382

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1060.821+/-0.000 χ^2/NDF: 80706936661902

Left Out: 1110.045+/-0.000 χ^2/NDF:37969517906791985414992429206525181952.0/6

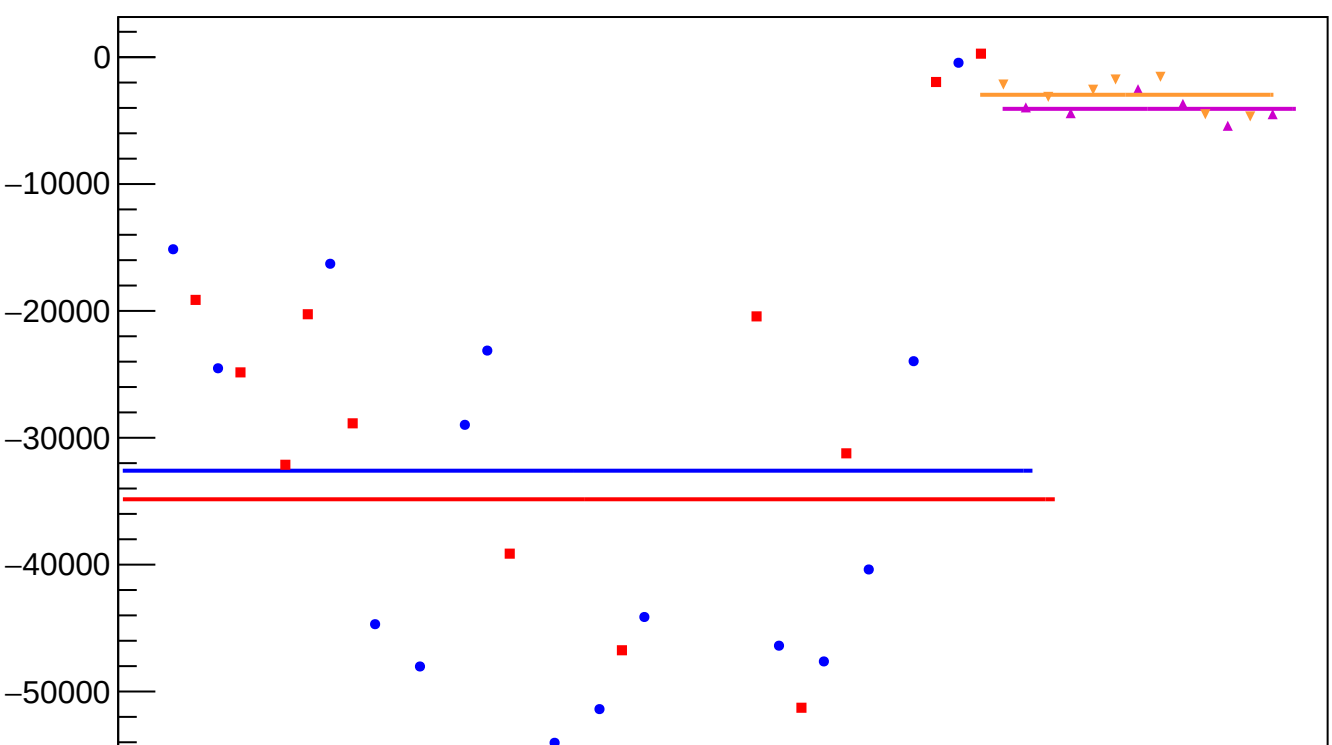
All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

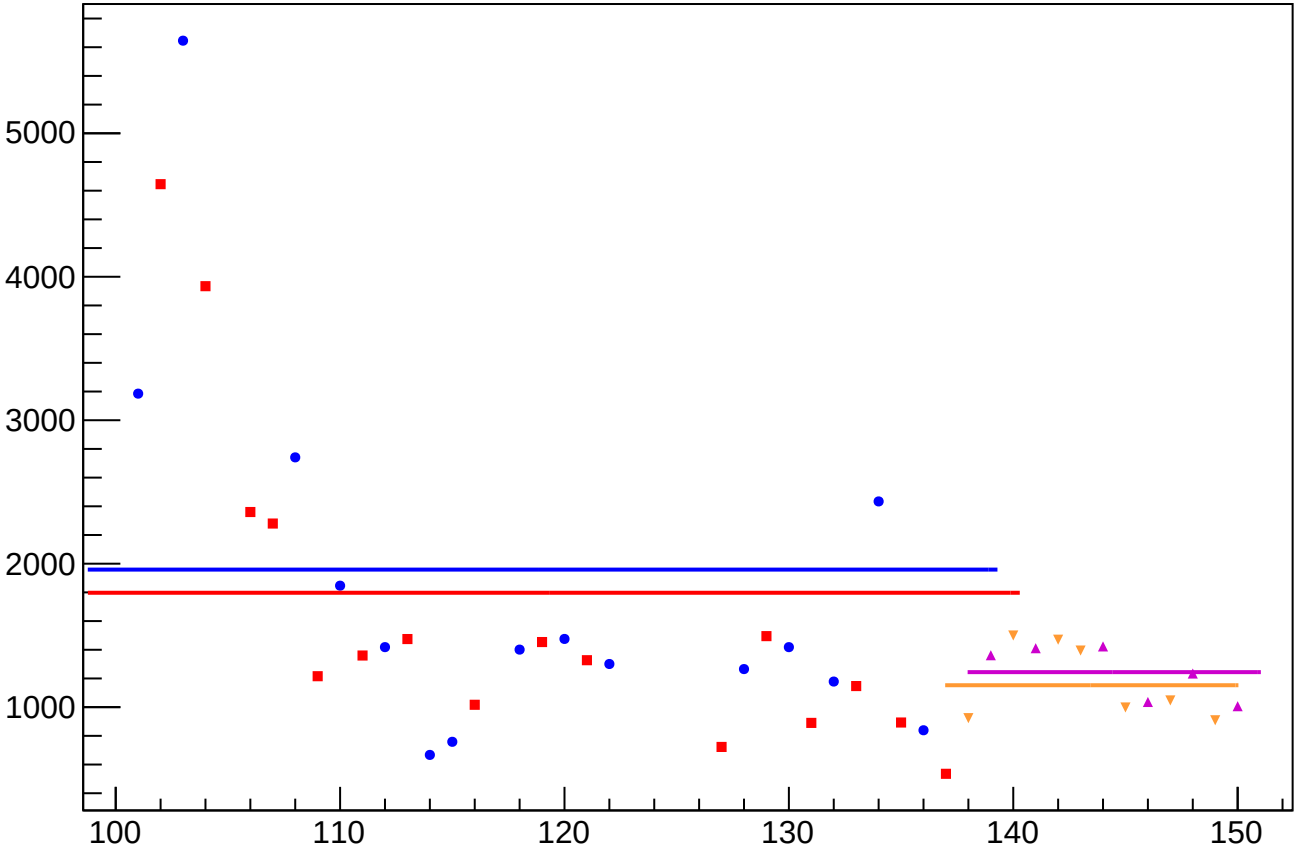
Left Out: 1211.994+/-0.000 χ^2/NDF:13916433354967532661052491011247308800.0/5

dit_sam2_coil7_mean vs Slug



Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -19470.692+/-0.000 χ^2/NDF: 462288738528
Left Out: -2963.617+/-0.000 χ^2/NDF:748919966354467737865953607570679660544.0/6
All: -20475.900+/-0.000 χ^2/NDF: 960811224
Right Out: -34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15
- sign -21468.330+/-0.000 χ^2/NDF: 4961831194785
Left In: -4072.090+/-0.000 χ^2/NDF:402456371291896120683324639149283082240.0/5

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1601.840+/-0.000 χ^2/NDF: 14064118900553

Left Out: 1152.829+/-0.000 χ^2/NDF:30345625076541280340297509669422759936.0/6

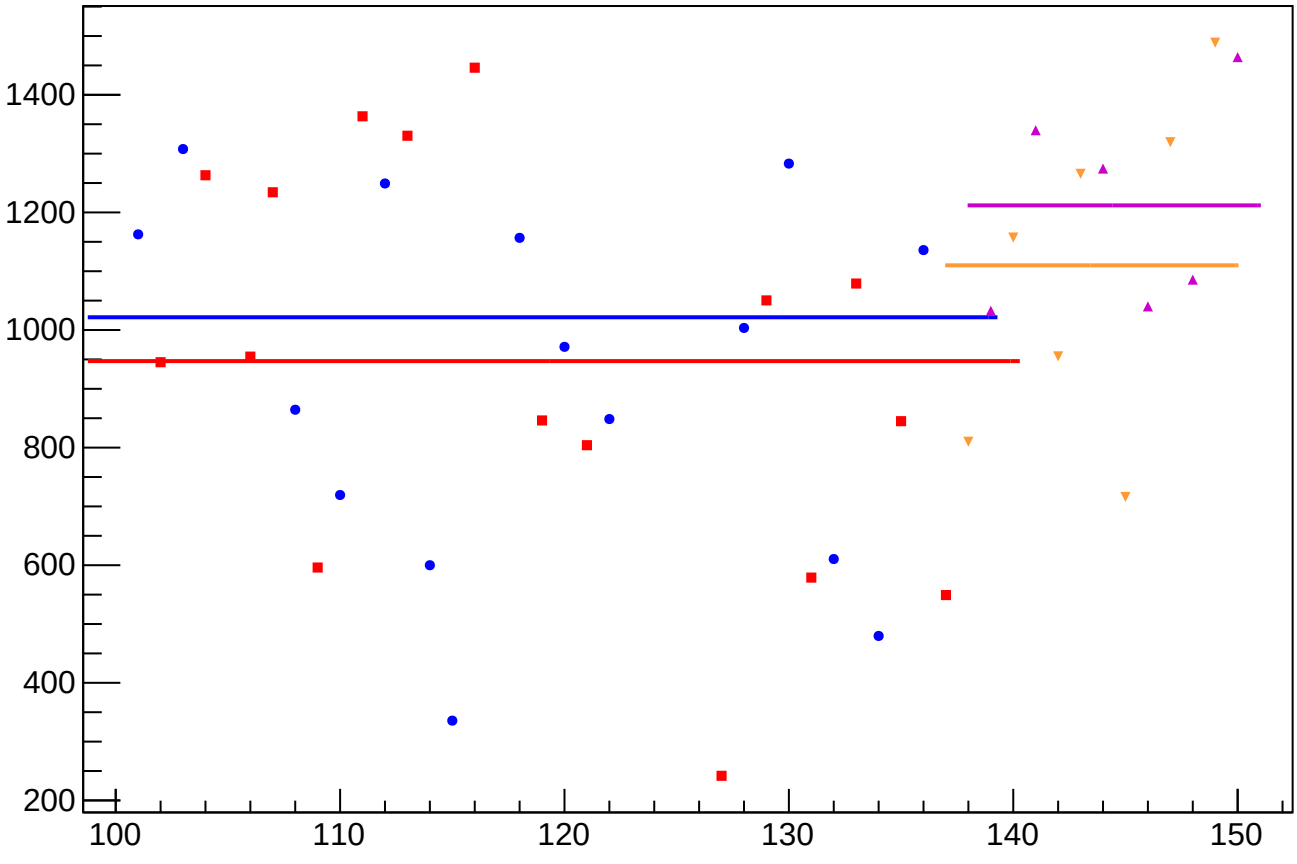
All: 1579.197+/-0.000 χ^2/NDF: 2466551387

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1556.842+/-0.000 χ^2/NDF: 10589524865058

Left In: 1244.079+/-0.000 χ^2/NDF:1507842513891028299582636805245108224 0.0/5

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

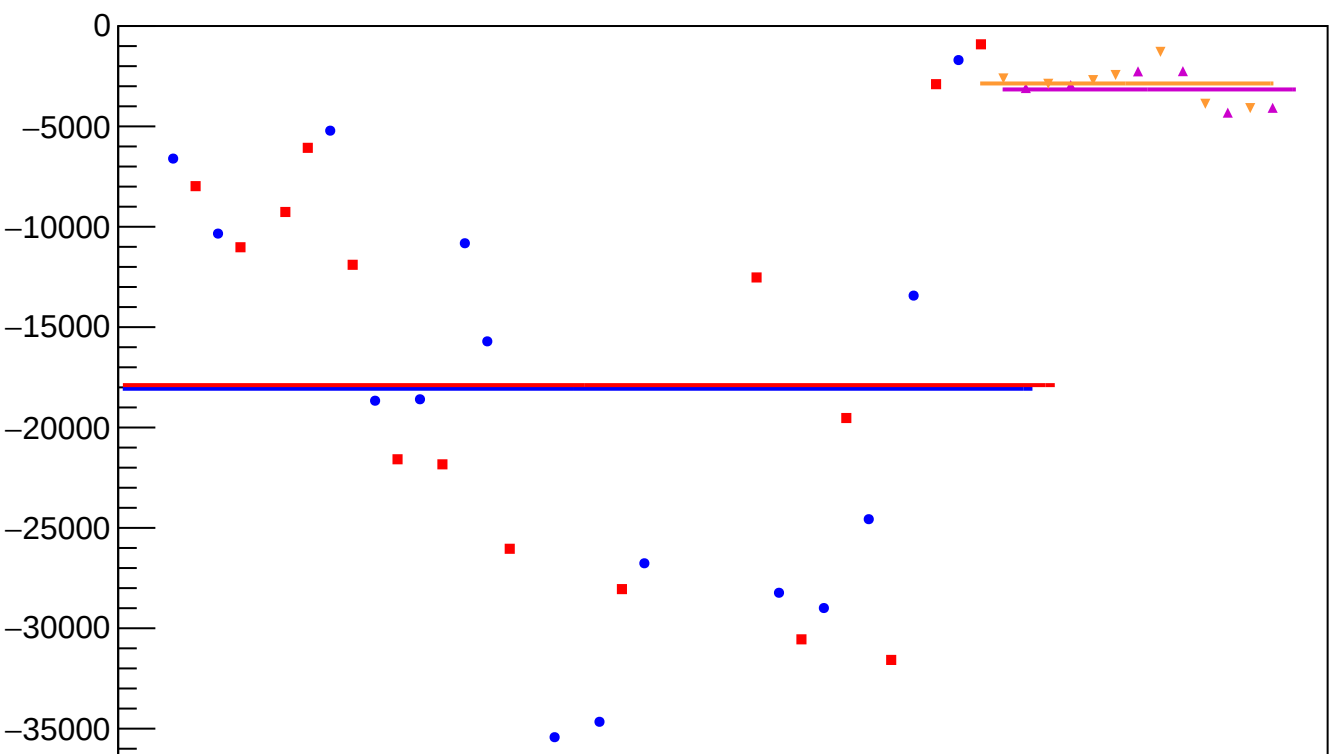
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

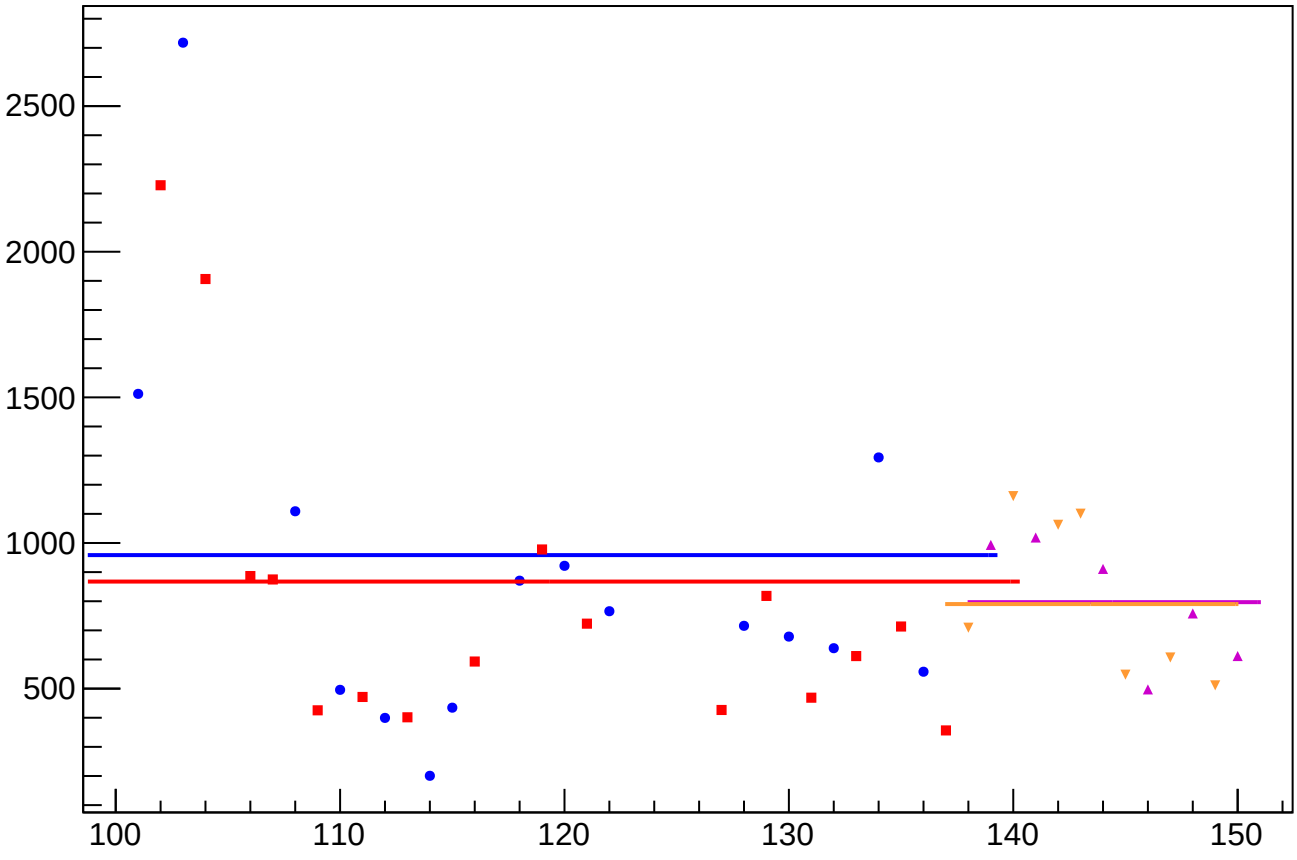
- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -11333.379+/-0.000 χ^2/NDF: 151206249311
Left Out: -2862.205+/-0.000 χ^2/NDF:4252435588331927905539888350675578388 48.0/6
All: -11409.730+/-0.000 χ^2/NDF: 292861216
Right Out: -17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
- sign -11485.111+/-0.000 χ^2/NDF: 141641471011 5
Left In: -3159.914+/-0.000 χ^2/NDF:3338252224729157468482502053946248396 80.0/5

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

+ sign 883.945+/-0.000 χ^2/NDF: 308421770802722

Left Out: 790.285+/-0.000 χ^2/NDF:3556344737006441294349578314516424294 4.0/6

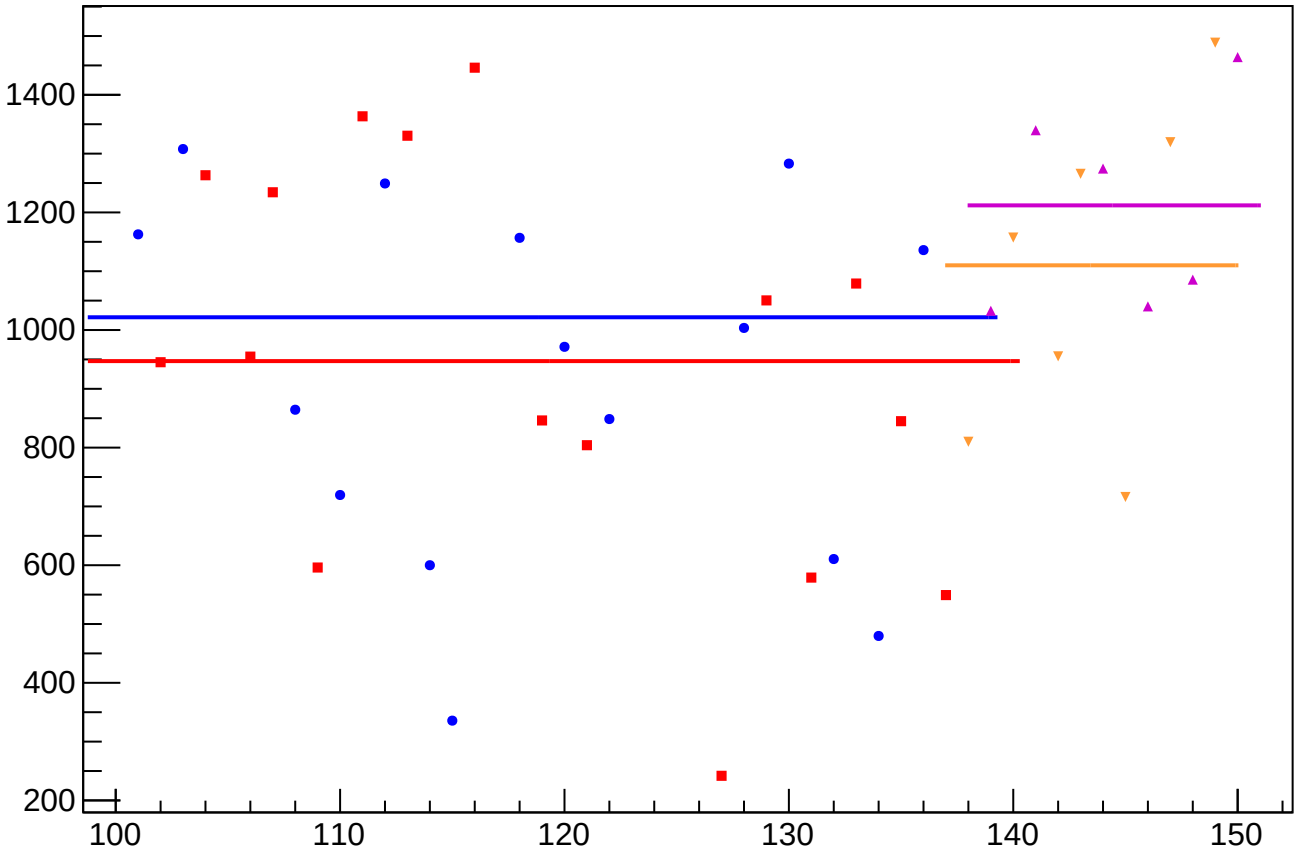
All: 860.225+/-0.000 χ^2/NDF: 546467696563

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15

- sign 836.808+/-0.000 χ^2/NDF: 236743391750542

Left In: 796.853+/-0.000 χ^2/NDF:1916473368147162252786332978651752038 4.0/5

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1060.821+/-0.000 χ^2/NDF: 80706936661902

Left Out: 1110.045+/-0.000 χ^2/NDF:37969517906791985414992429206525181952.0/6

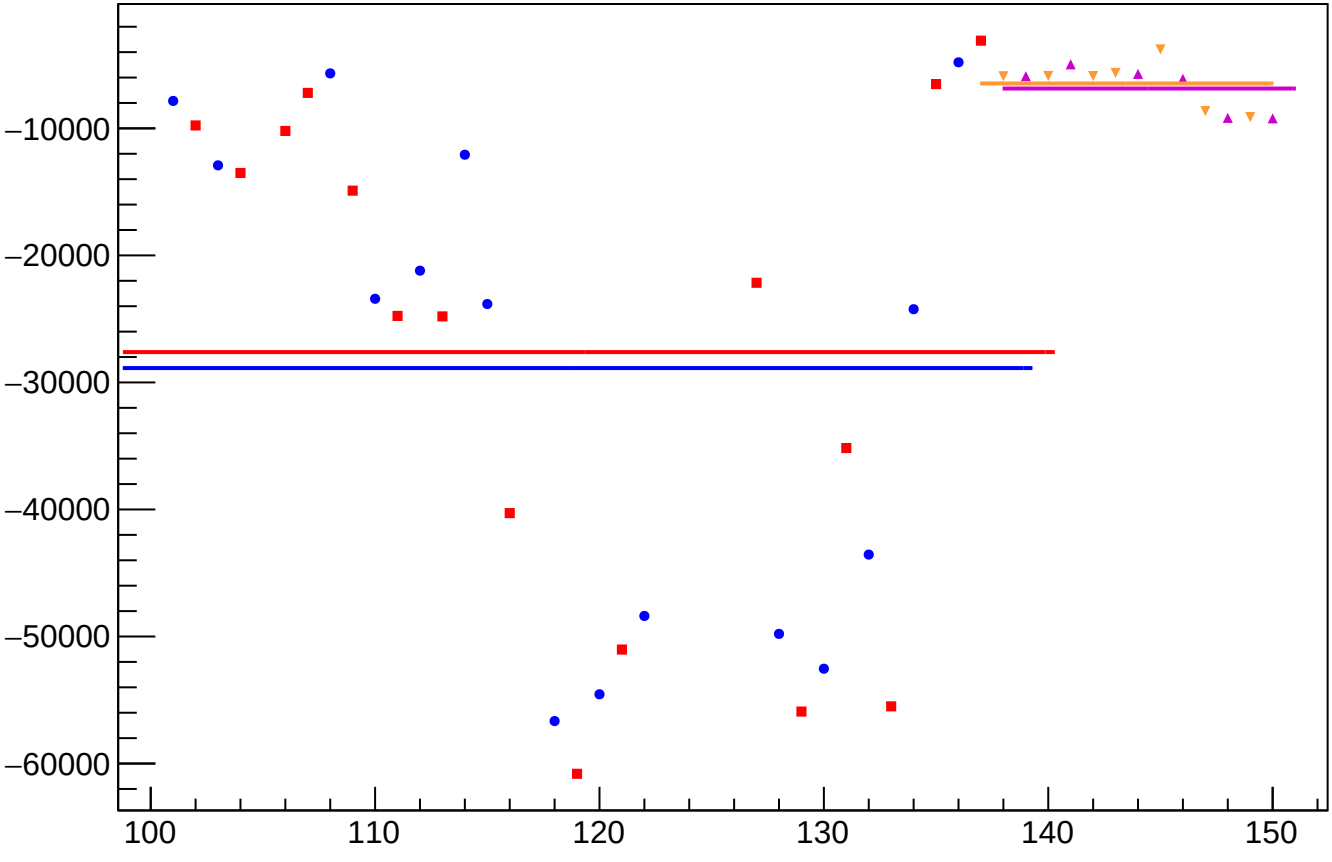
All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

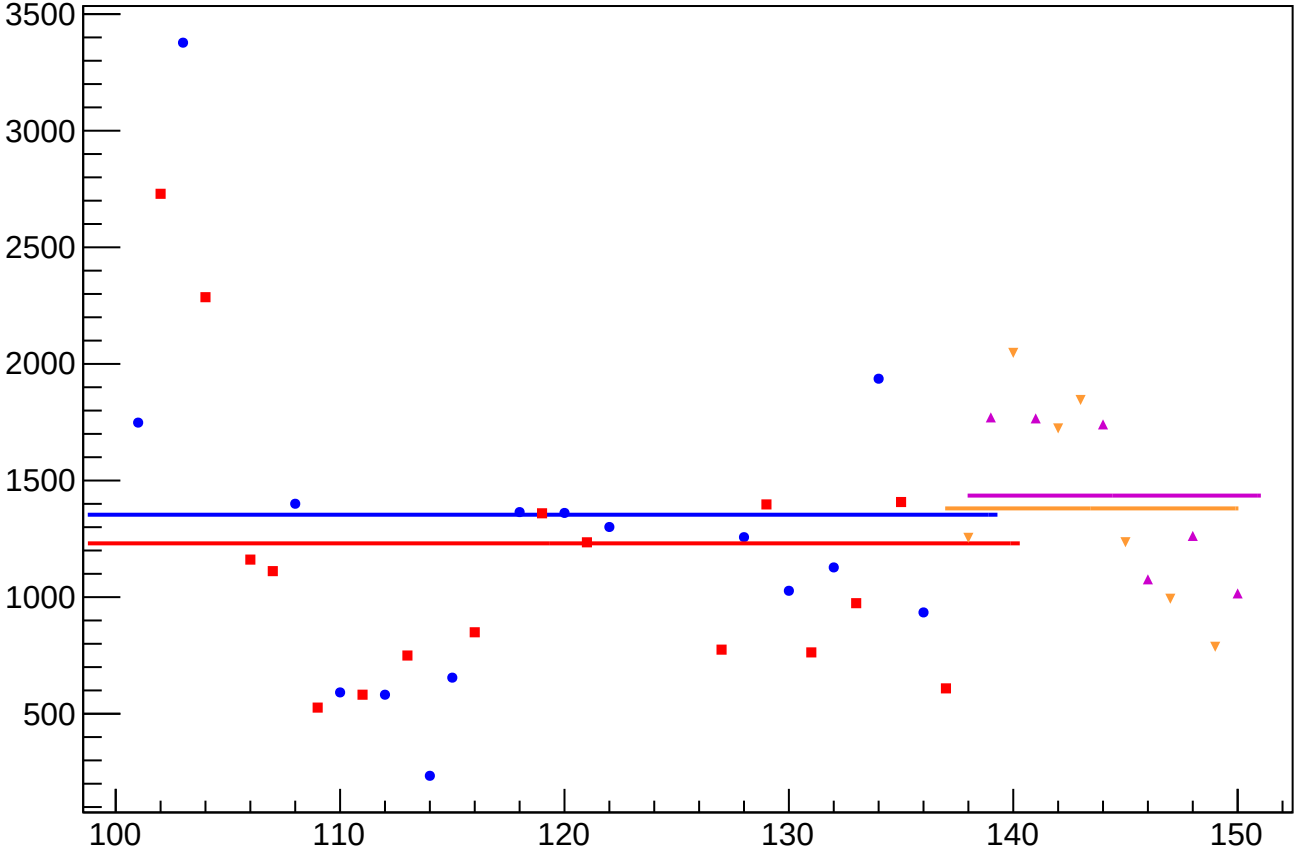
Left In: 1211.994+/-0.000 χ^2/NDF:139164333549675326610524910112473088 00.0/5

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
+ sign -18946.127+/-0.000 χ^2/NDF: 407371482717
Left Out: -6466.088+/-0.000 χ^2/NDF:16551701585994765743774356130534596280 32.0/6
All: -18767.779+/-0.000 χ^2/NDF: 781845315
Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
- sign -18591.697+/-0.000 χ^2/NDF: 374400190926 1
Left In: -6865.043+/-0.000 χ^2/NDF:150013666378179347225730501572354165 9648.0/5

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1365.397+/-0.000 χ^2/NDF: 4536730899668

Left Out: 1380.470+/-0.000 χ^2/NDF:1005746790985076534497090533511229603 84.0/6

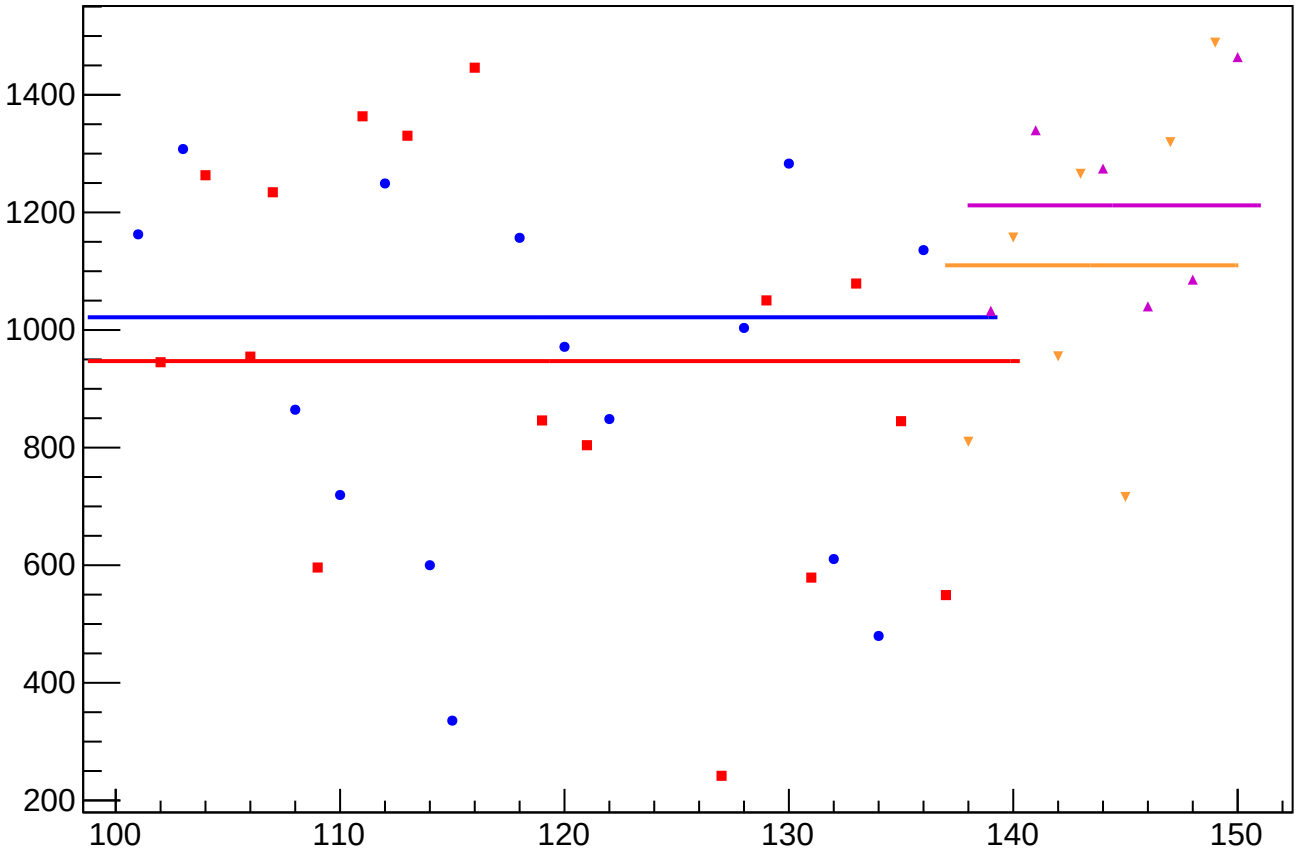
All: 1342.384+/-0.000 χ^2/NDF: 7999900731

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037 54240.0/15

- sign 1319.664+/-0.000 χ^2/NDF: 3450908532858

Left In: 1435.421+/-0.000 χ^2/NDF:5594034260629796246593971097816583372 8.0/5

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

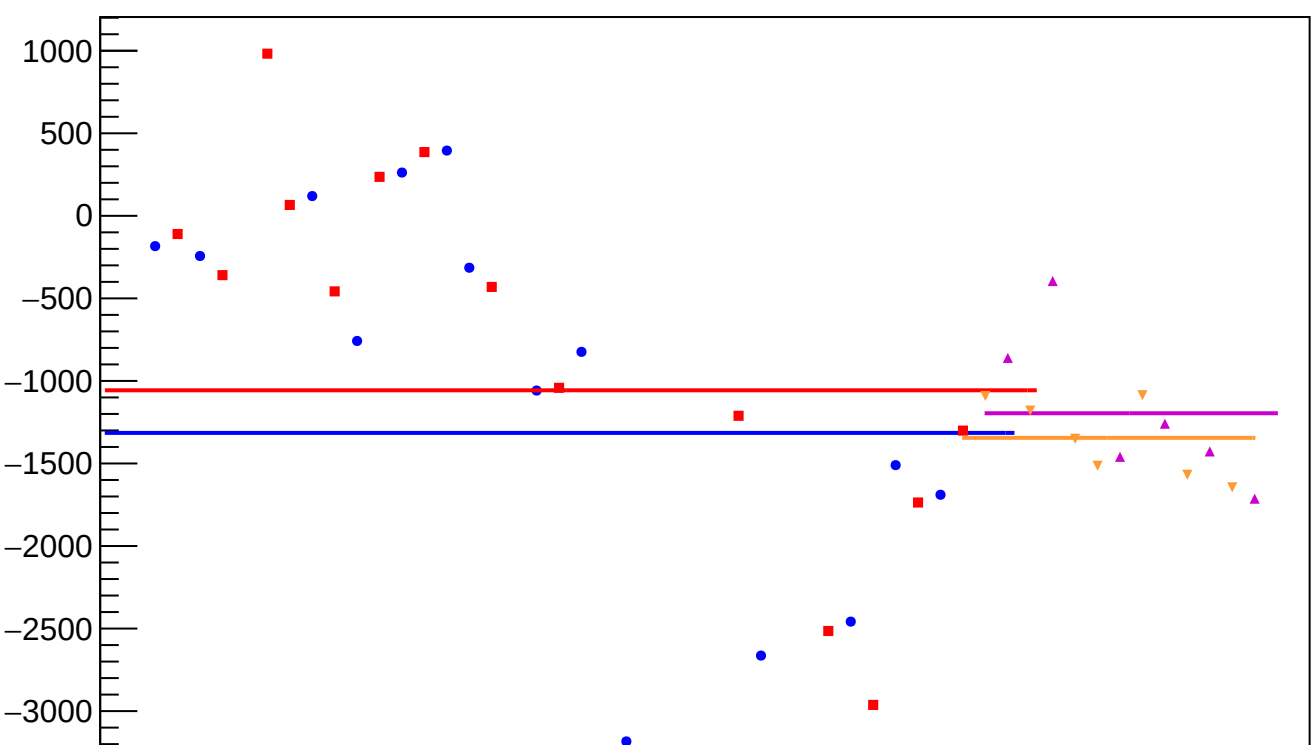
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14

Left Out: -1344.738+/-0.000 χ^2/NDF:260465449602358038914084040519964426 24.0/6

Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15

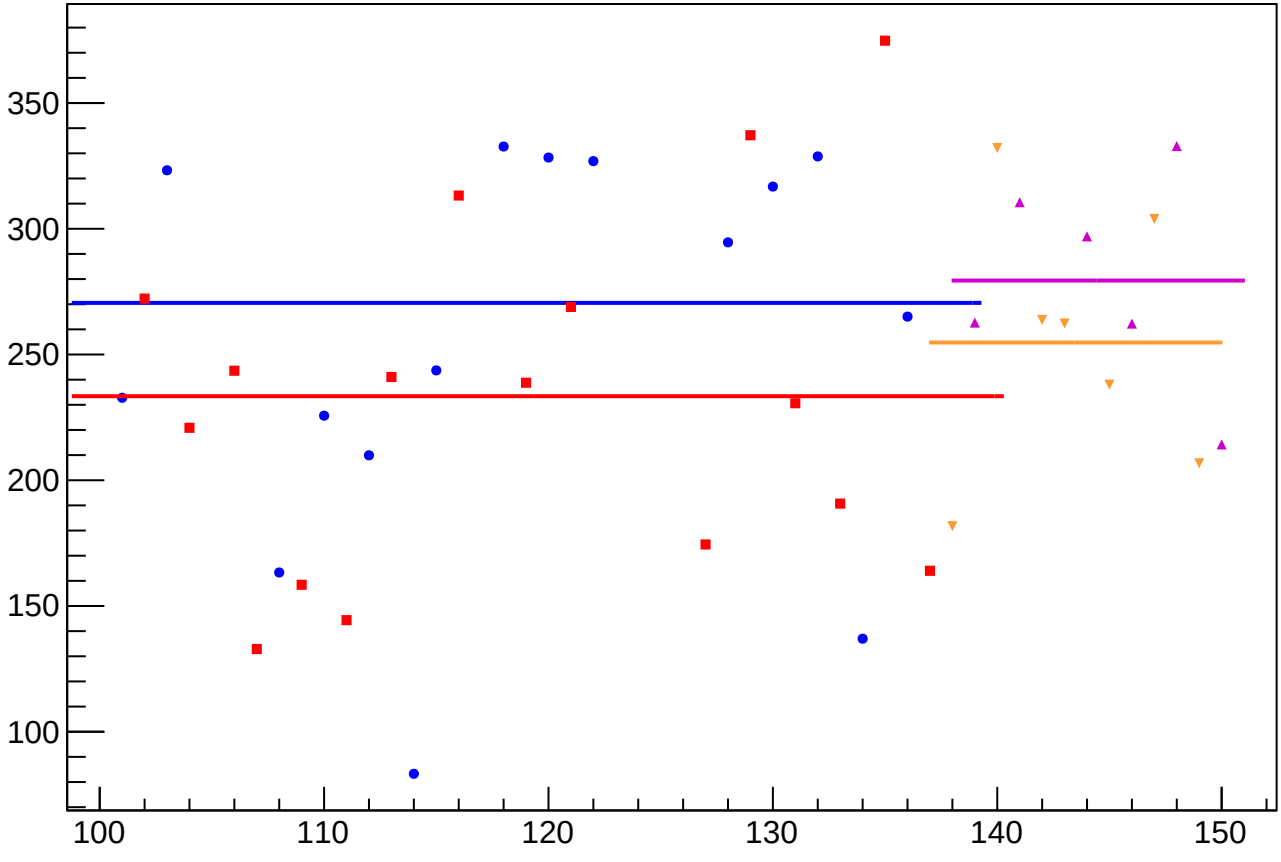
Left In: -1195.784+/-0.000 χ^2/NDF:990177392920624176431826182837968568 32.0/5

+ sign -1328.050+/-0.000 χ^2/NDF: 9923868719809

All: -1221.952+/-0.000 χ^2/NDF: 2250211855

- sign -1117.203+/-0.000 χ^2/NDF: 1231763491553 2

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Left Out: 254.779+/-0.000 χ^2/NDF:1319099158222270735118568843078795264.0/6

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

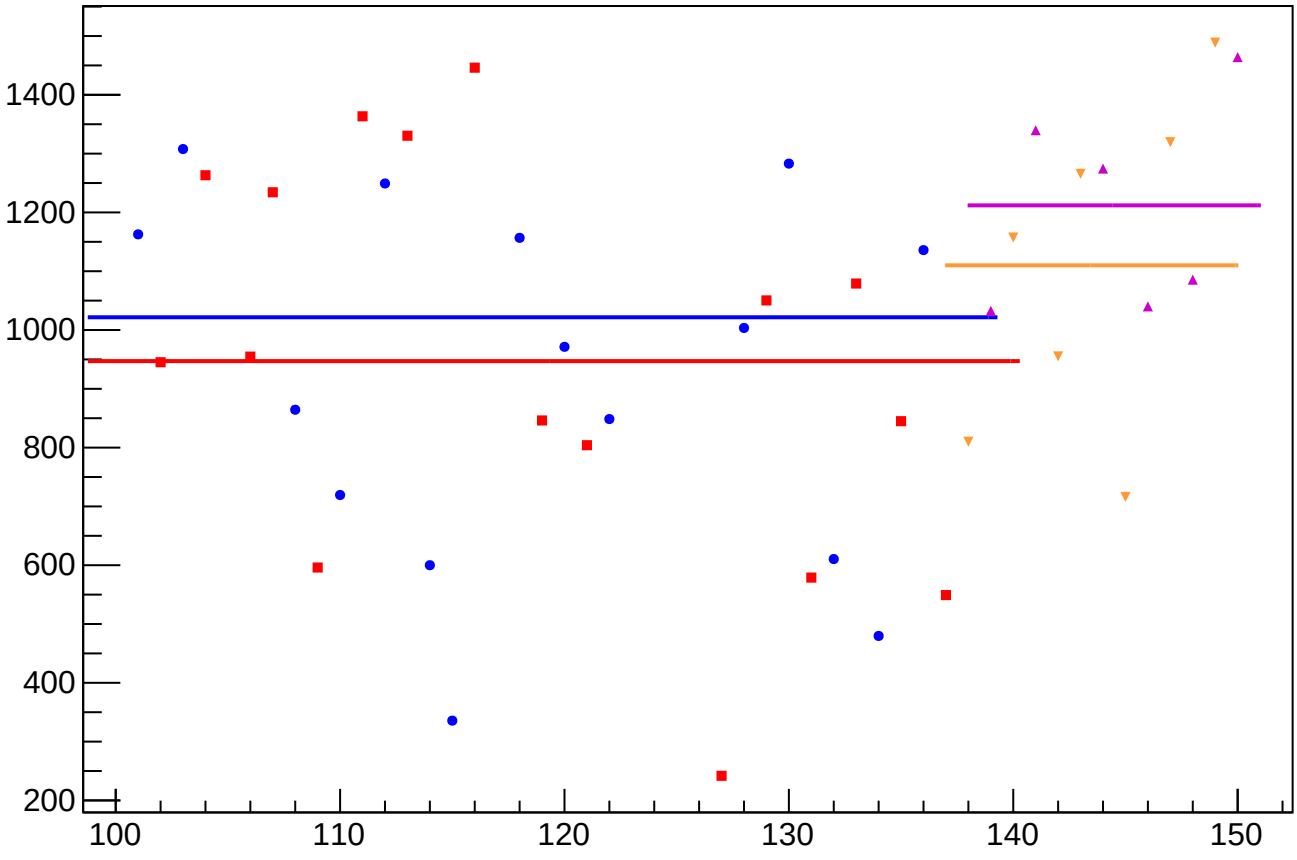
Left In: 279.416+/-0.000 χ^2/NDF:7836194016736716387182862413447823 36.0/5

+ sign 263.558+/-0.000 χ^2/NDF: 386433056447438

All: 258.455+/-0.000 χ^2/NDF: 83702175609 6

- sign 253.417+/-0.000 χ^2/NDF: 444559999137592

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1060.821+/-0.000 χ^2/NDF: 80706936661902

Left Out: 1110.045+/-0.000 χ^2/NDF:37969517906791985414992429206525181952.0/6

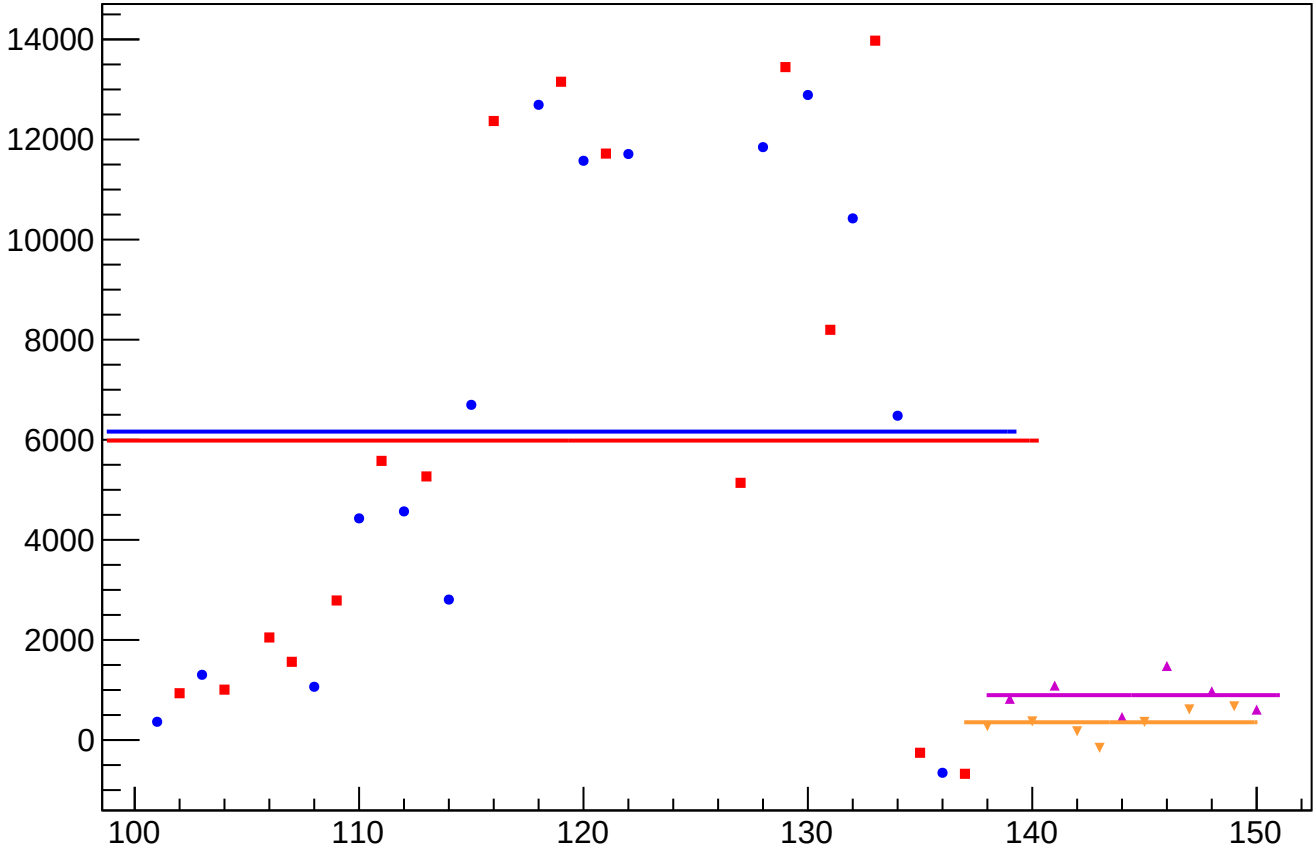
All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

Left In: 1211.994+/-0.000 χ^2/NDF:139164333549675326610524910112473088 00.0/5

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14

Left Out: 355.150+/-0.000 χ^2/NDF:3317145242552596056313736211090479513 6.0/6

Right Out: 5983.876+/-0.000 χ^2/NDF: 1750520191327627355916108876415584174 0800.0/15

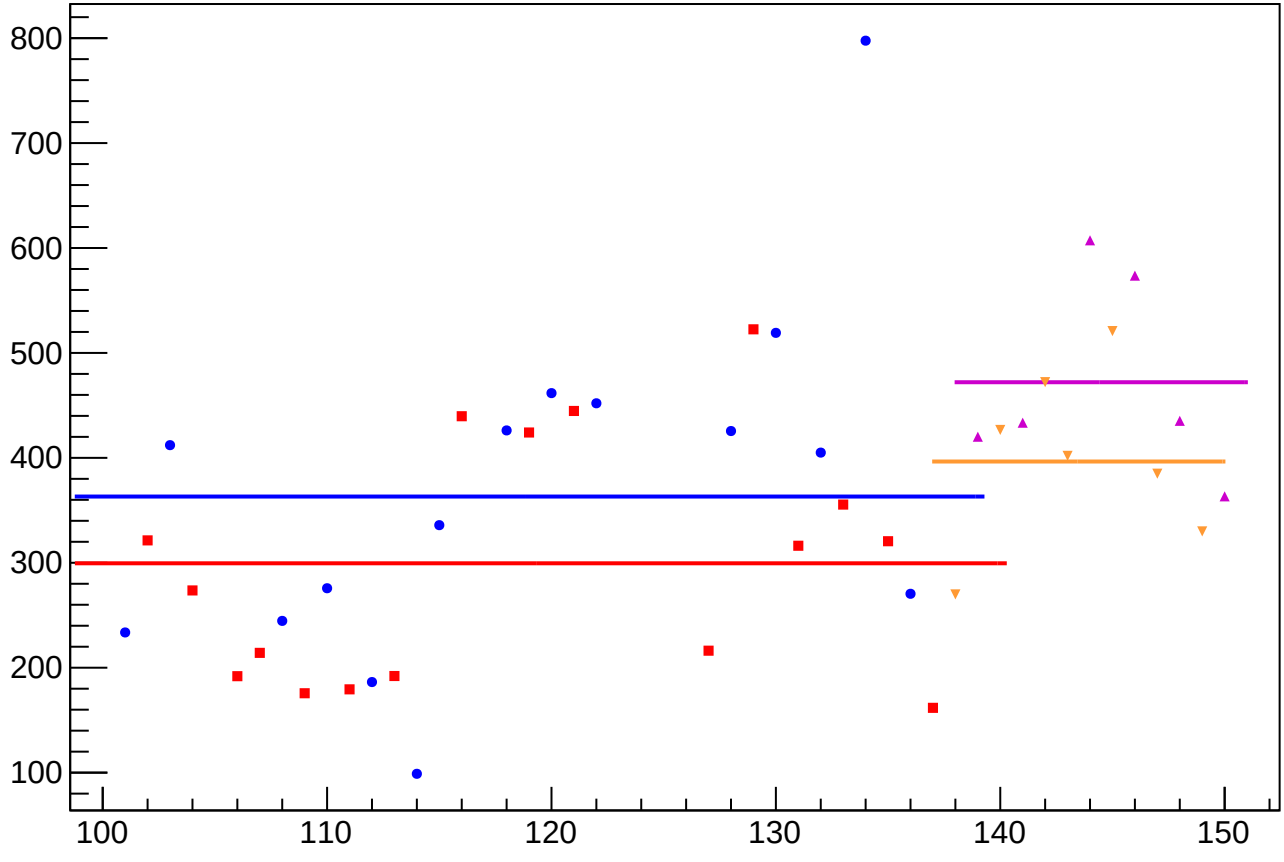
Left In: 897.017+/-0.000 χ^2/NDF:5689661499235122847660054618259115212 8.0/5

+ sign 3590.844+/-0.000 χ^2/NDF: 2793142919621 7

All: 3682.195+/-0.000 χ^2/NDF: 5301629274 3

- sign 3772.386+/-0.000 χ^2/NDF: 2506554304417 2

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Left Out: 396.516+/-0.000 χ^2/NDF:3225330271018950598709776465979768832.0/6

Right Out: 299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

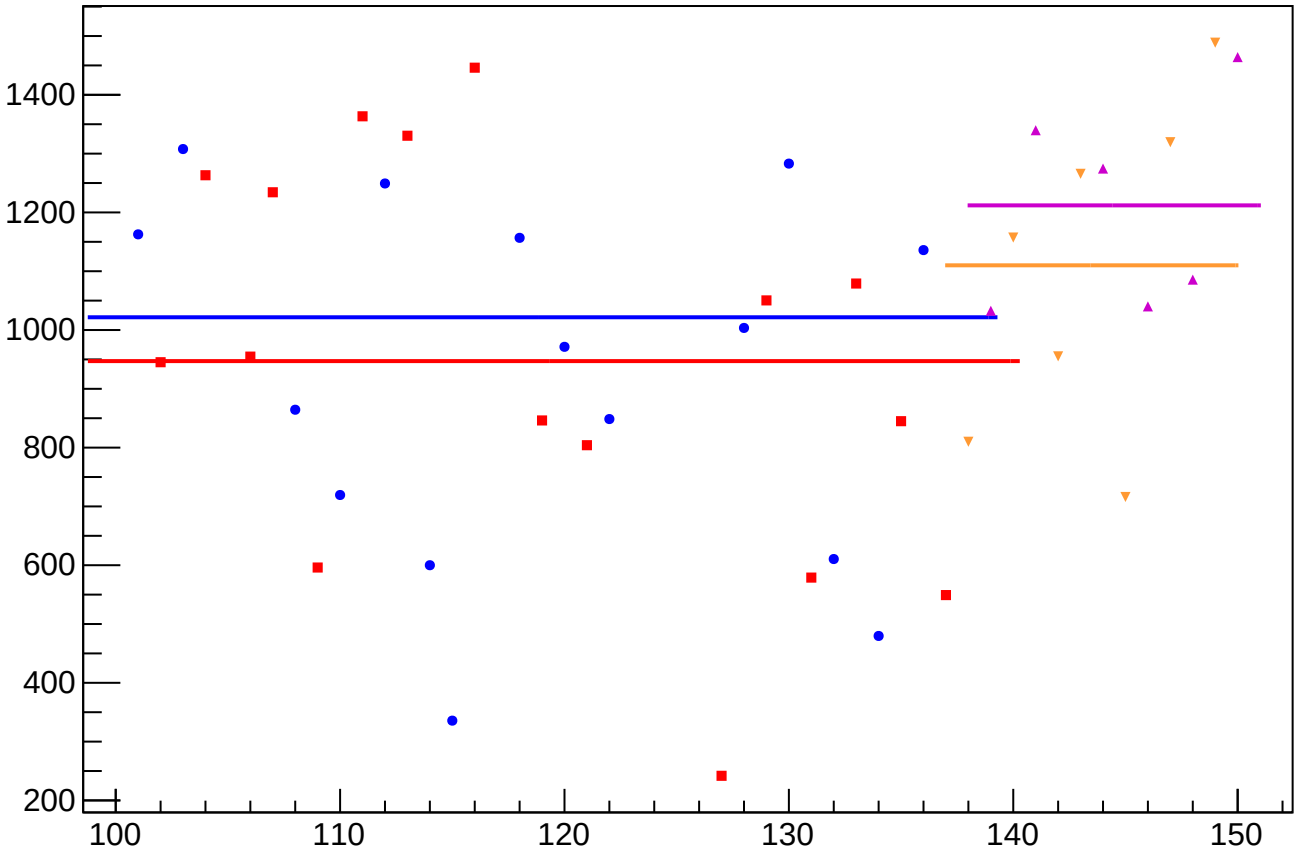
Left In: 472.075+/-0.000 χ^2/NDF:4019330745758910046890744658597511168.0/5

+ sign 377.919+/-0.000 χ^2/NDF: 150484616639995

All: 376.216+/-0.000 χ^2/NDF: 35394641698 8

- sign 374.534+/-0.000 χ^2/NDF: 203394640759606

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

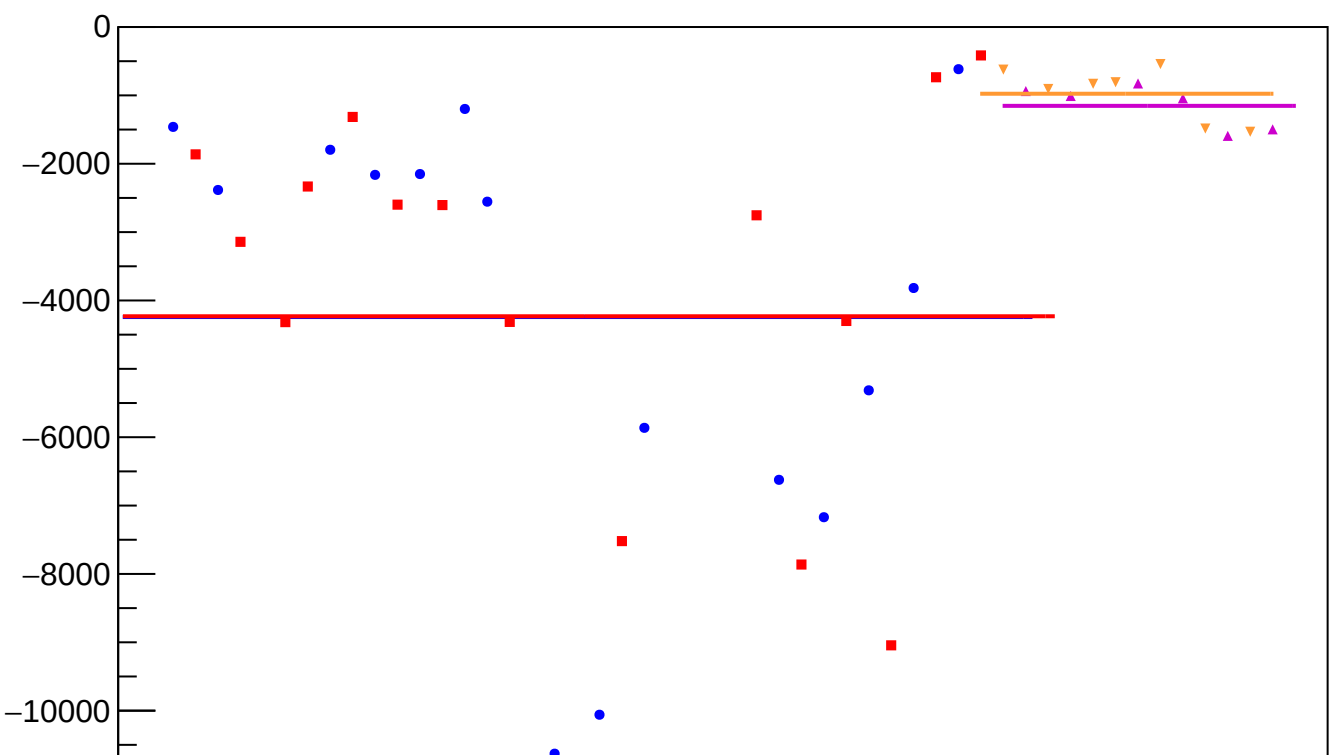
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

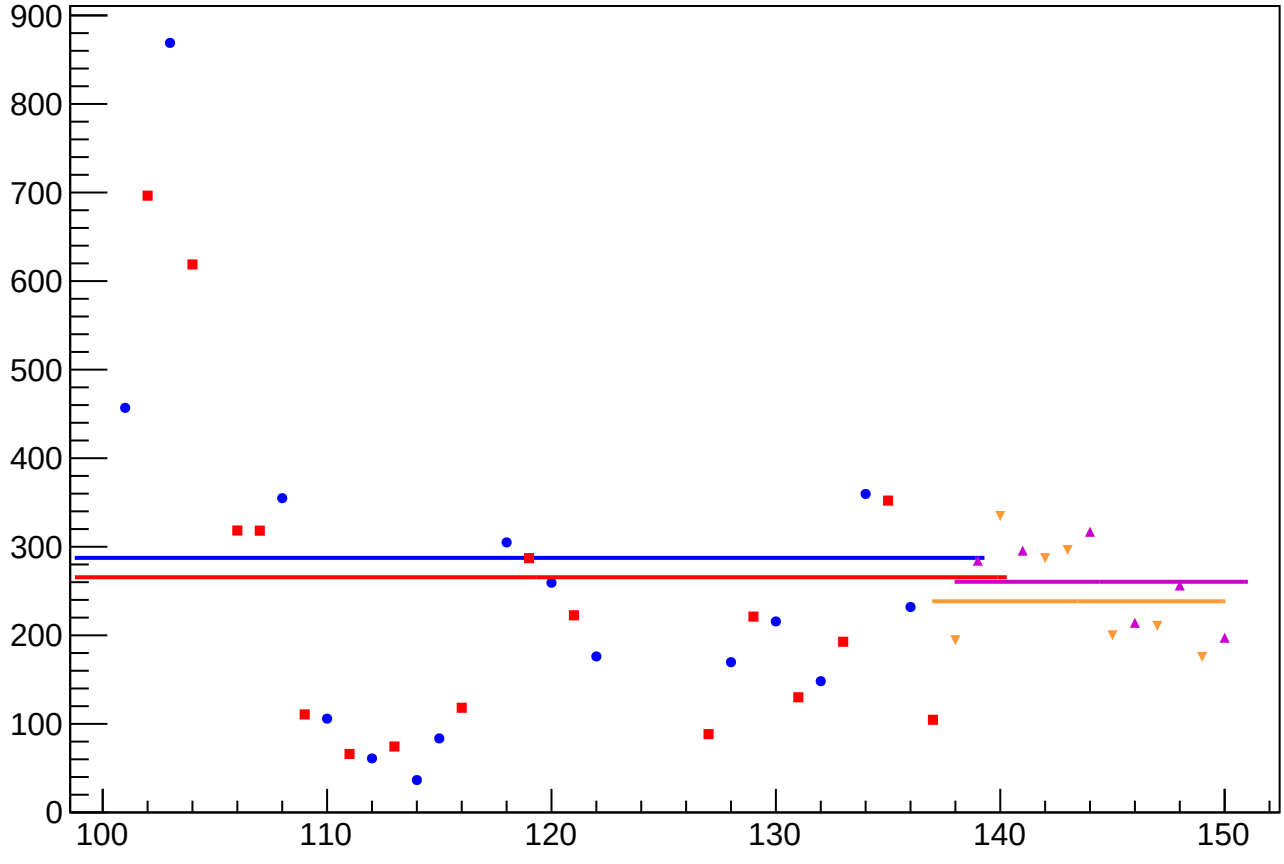
- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
+ sign -2795.518+/-0.000 χ^2/NDF: 9924459680570
Left Out: -975.984+/-0.000 χ^2/NDF:7442707112039891239109073657616190668 8.0/6
All: -2844.522+/-0.000 χ^2/NDF: 1940245688
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
- sign -2892.902+/-0.000 χ^2/NDF: 94724376757103
Left In: -1153.142+/-0.000 χ^2/NDF:430697750982684426665093370665322414 08.0/5

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

Left Out: 238.476+/-0.000 χ^2/NDF:17564849152246899440736484648666574336.0/6

Right Out: 265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15

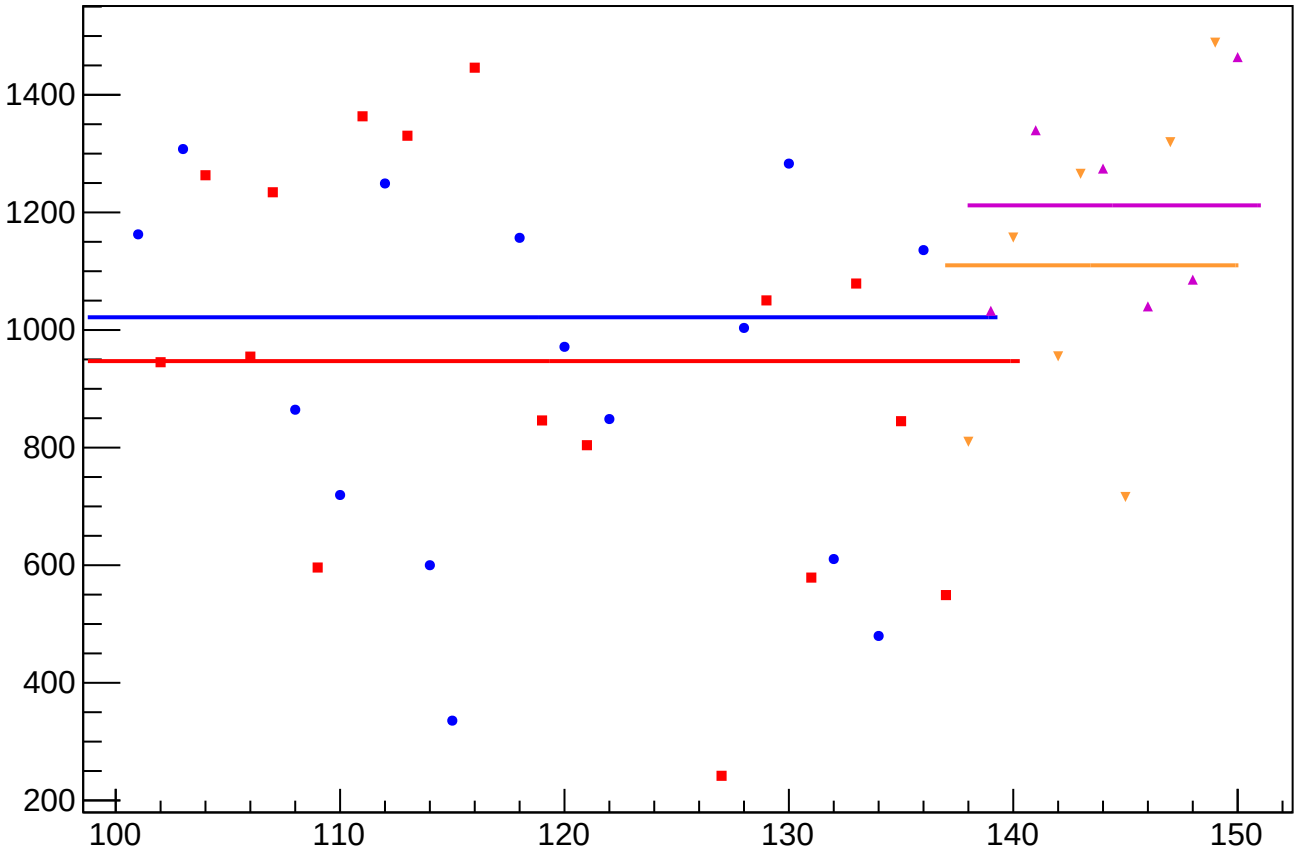
Left In: 260.475+/-0.000 χ^2/NDF:97786108282116102276817546394782924 8.0/5

+ sign 265.764+/-0.000 χ^2/NDF: 31963234508287 4

All: 264.558+/-0.000 χ^2/NDF: 5879532125 23

- sign 263.368+/-0.000 χ^2/NDF: 268287202562962

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

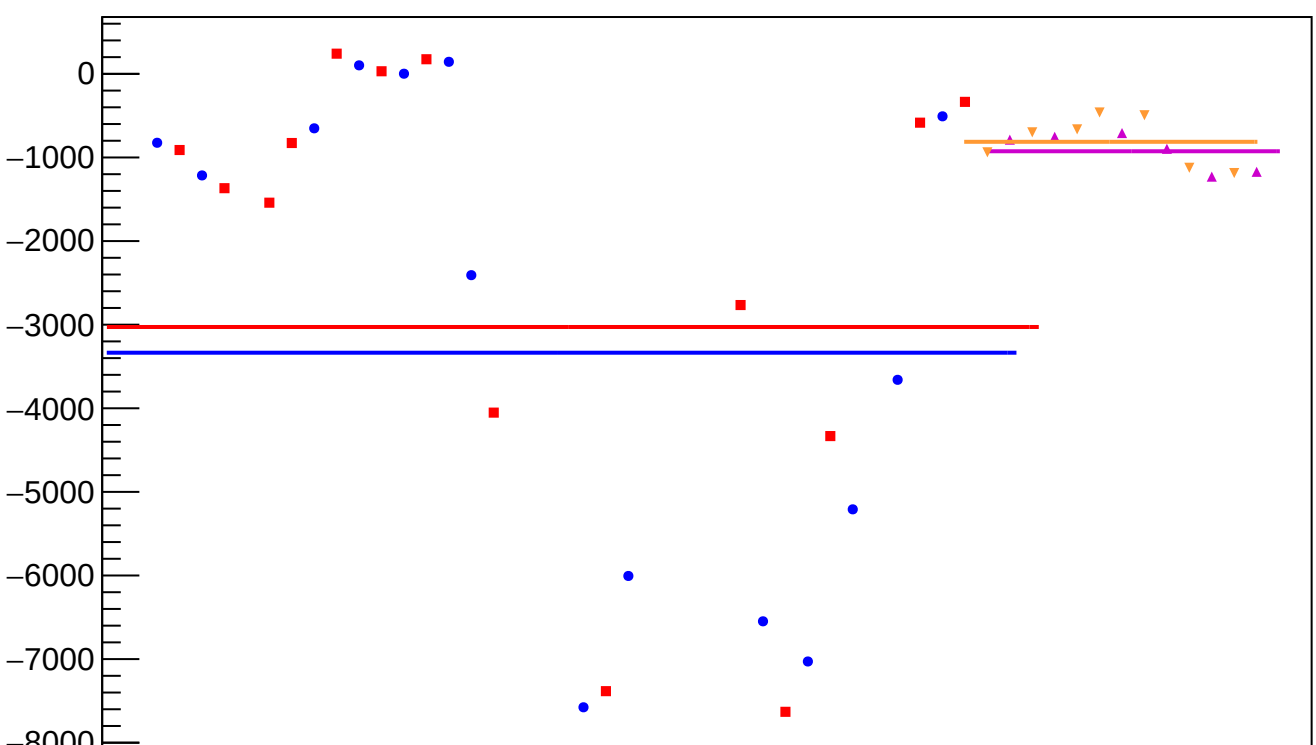
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

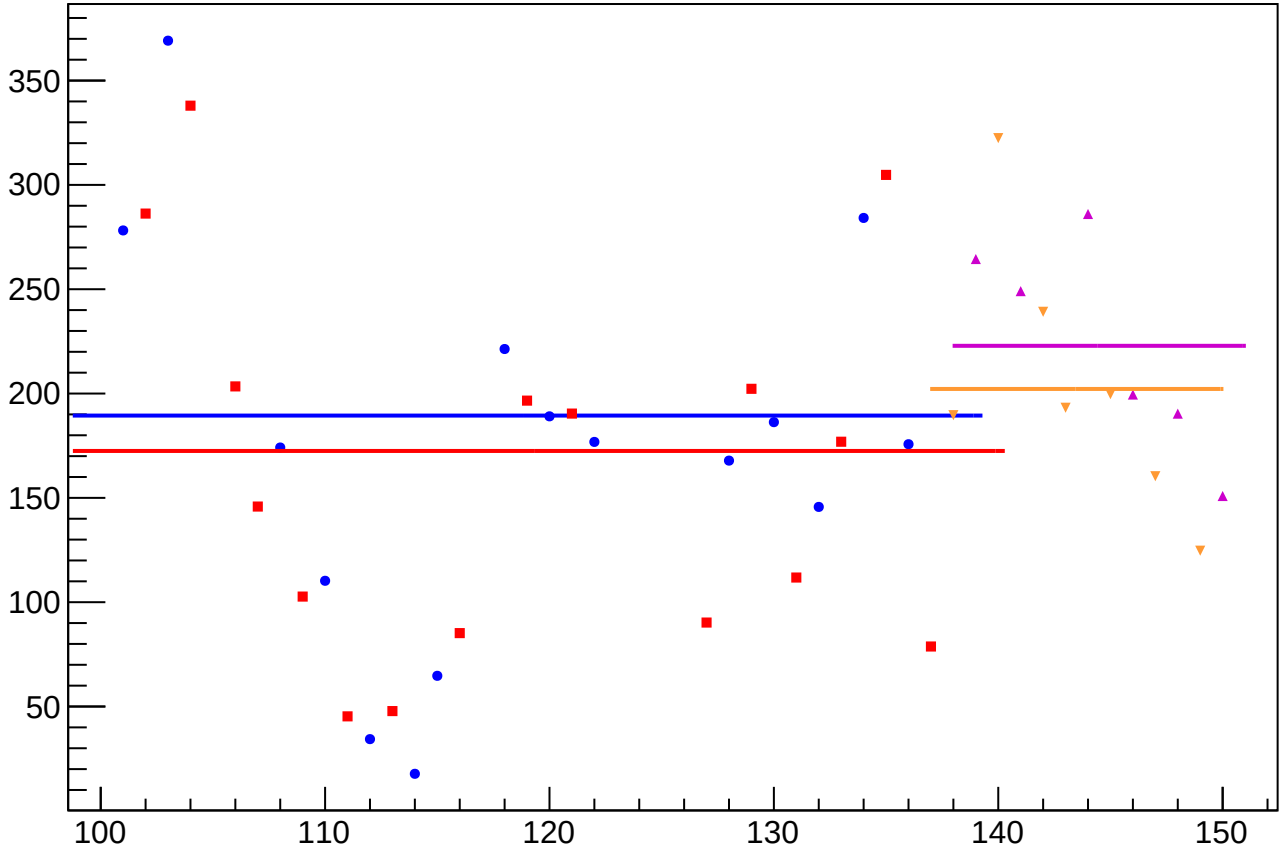
- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -2217.941+/-0.000 χ^2/NDF: 8206370750066
Left Out: -812.615+/-0.000 χ^2/NDF:389834420102706600841795631068856975 36.0/6
All: -2165.546+/-0.000 χ^2/NDF: 1660161678
Right Out: -3027.603+/-0.000 χ^2/NDF: 708615708669439658309090376758132631 1424.0/15
- sign -2113.817+/-0.000 χ^2/NDF: 8388890226578 9
Left In: -925.716+/-0.000 χ^2/NDF:216426381802400205483765444502859284 48.0/5

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

+ sign 195.093+/-0.000 χ^2/NDF: 66615665326335

Left Out: 202.201+/-0.000 χ^2/NDF:190753726634329978003020685260724633 6.0/6

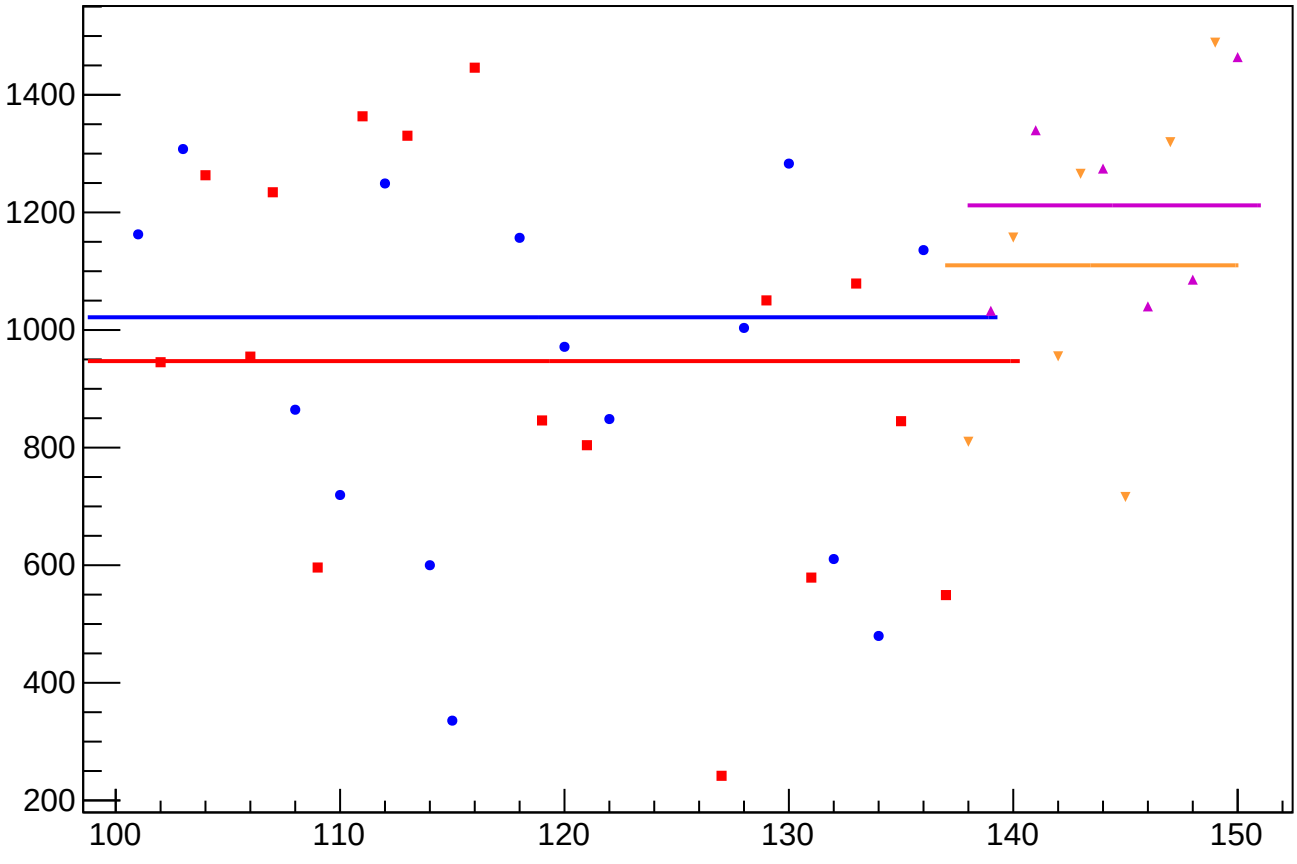
All: 194.740+/-0.000 χ^2/NDF: 14152310899

Right Out: 172.485+/-0.000 χ^2/NDF: 55948134089967282619387114704045342 72.0/15

- sign 194.393+/-0.000 χ^2/NDF: 749045713121070

Left In: 222.877+/-0.000 χ^2/NDF:115927173149151517669286879732275609 6.0/5

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

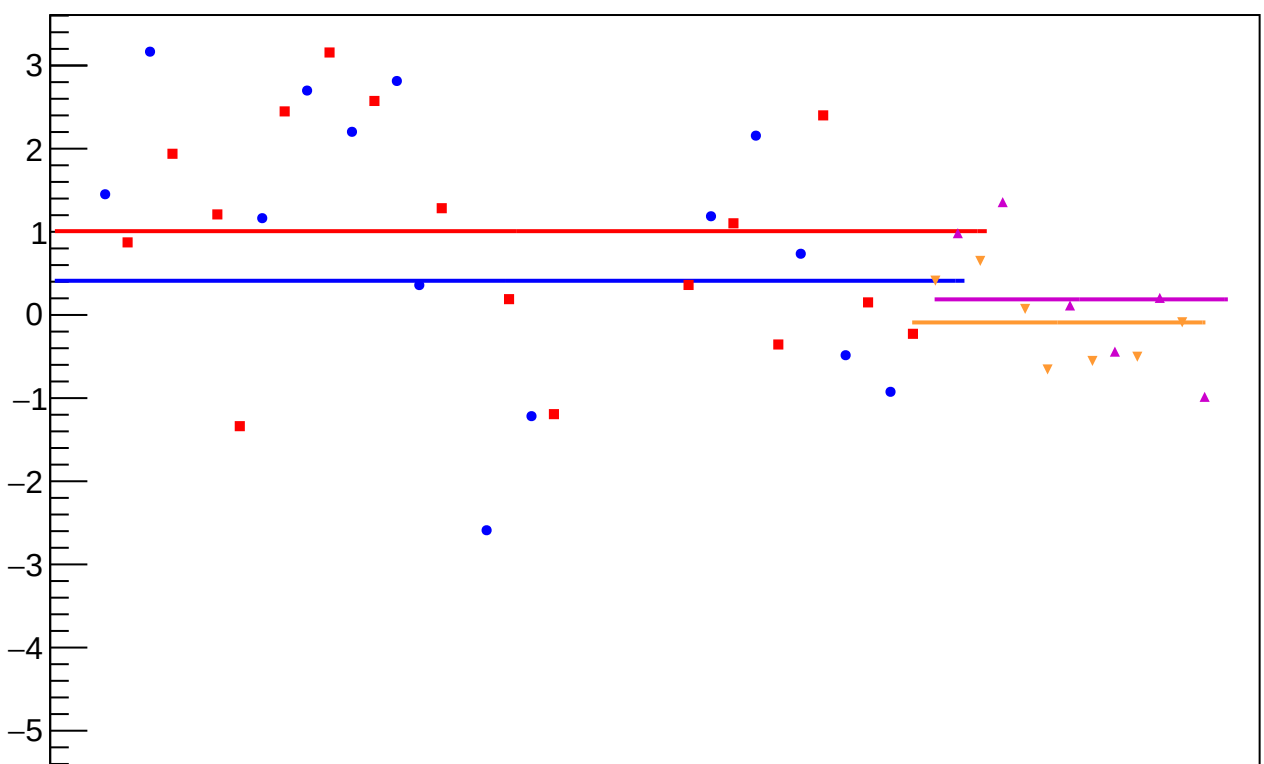
Left In: 1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

+ sign 1060.821+/-0.000 χ^2/NDF: 8070693666190 2

All: 1061.559+/-0.000 χ^2/NDF: 1827495688 3

- sign 1062.287+/-0.000 χ^2/NDF: 10204137110021

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF: 3385573506255563170053089820409856.0/14

+ sign 0.189+/-0.000 χ^2/NDF: 35756459206983151

Left Out: -0.090+/-0.000 χ^2/NDF:1178872729993153161736013794508 80.0/6

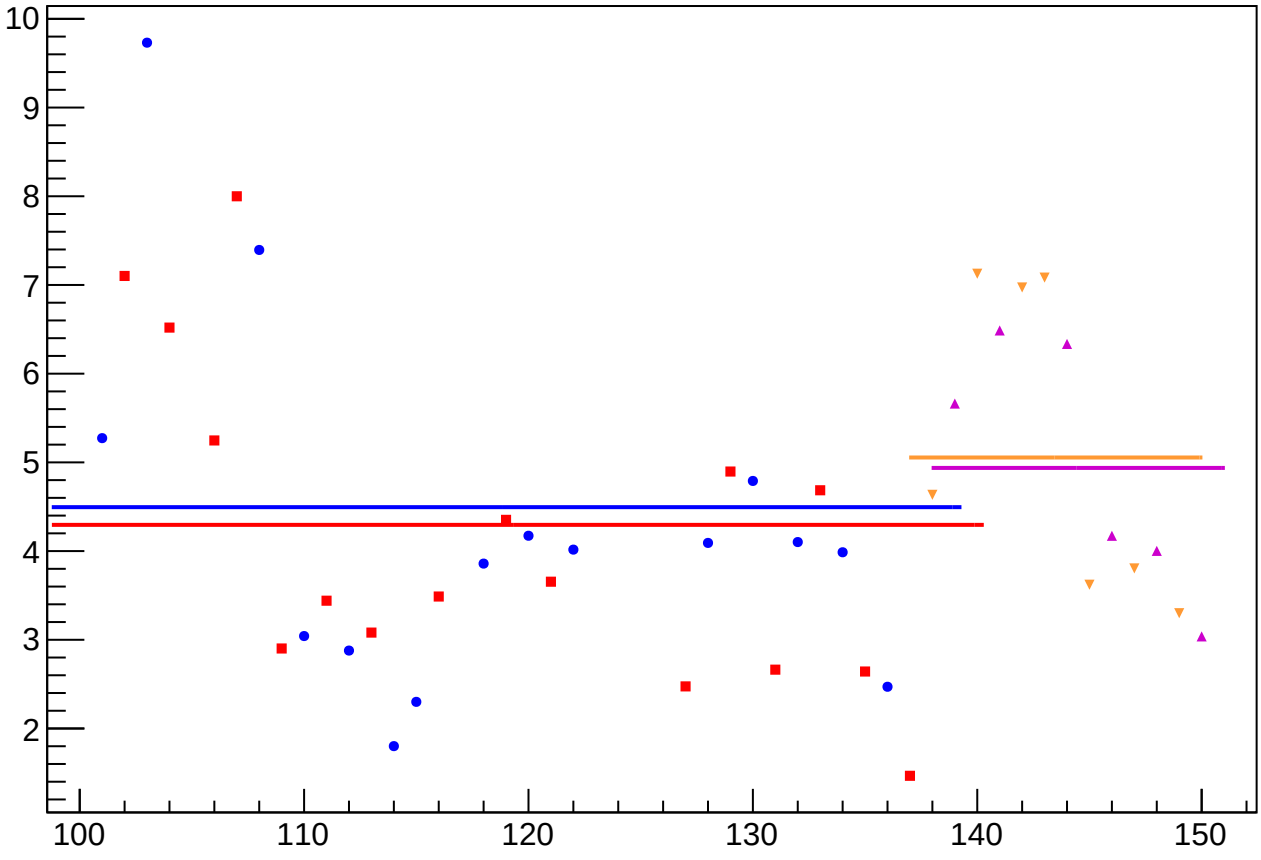
All: 0.422+/-0.000 χ^2/NDF: 5350136492275 1

Right Out: 1.008+/-0.000 χ^2/NDF: 1128402228144096394498047410700288.0/15

- sign 0.651+/-0.000 χ^2/NDF: 16493692838958583

Left In: 0.188+/-0.000 χ^2/NDF:3258697203446008276986993972346 88.0/5

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

+ sign 4.743+/-0.000 χ^2/NDF: 41900260760259474

Left Out: 5.055+/-0.000 χ^2/NDF:135769213409203832408599364108288 0.0/6

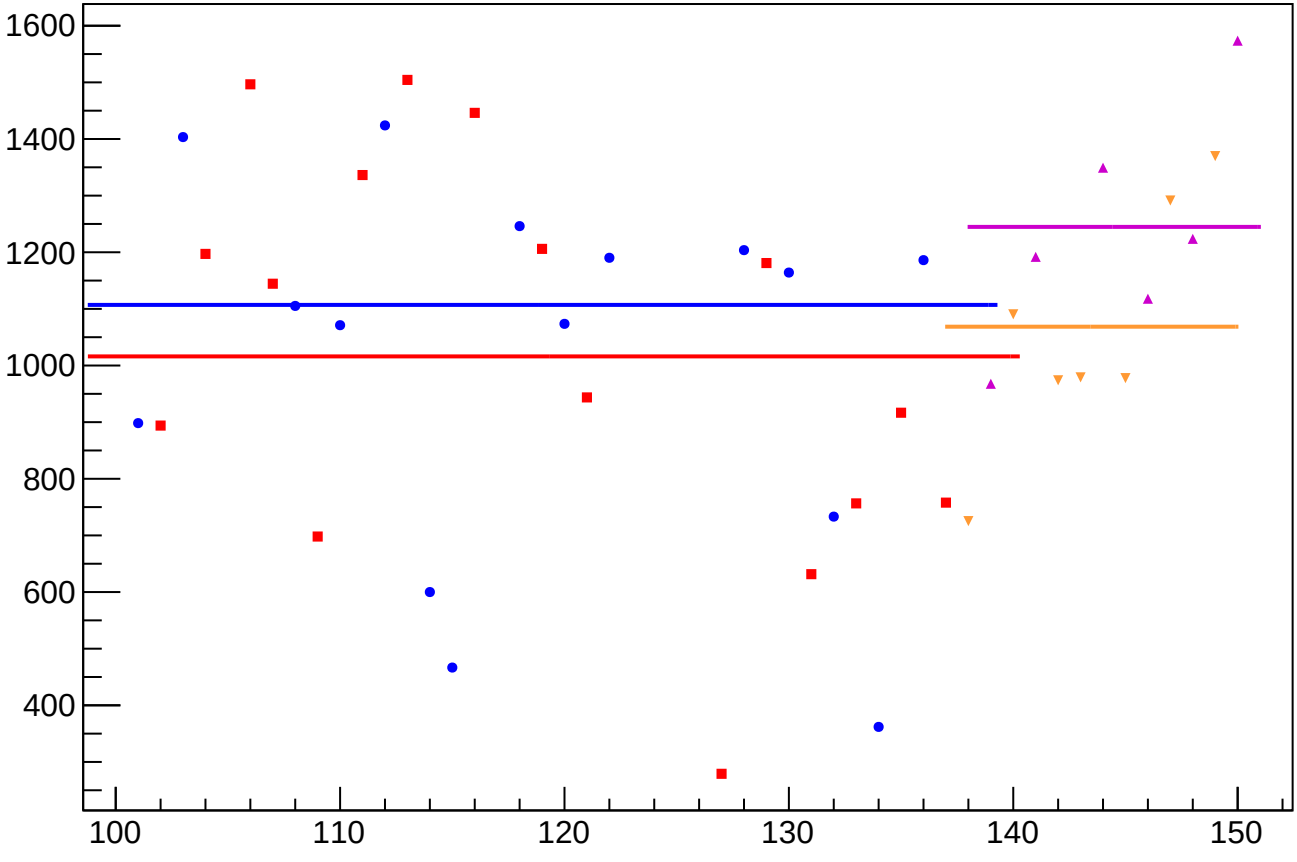
All: 4.658+/-0.000 χ^2/NDF: 7209071084446 4

Right Out: 4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

- sign 4.575+/-0.000 χ^2/NDF: 30024075361691361

Left In: 4.938+/-0.000 χ^2/NDF:87097376659934050626661896106 8032.0/5

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

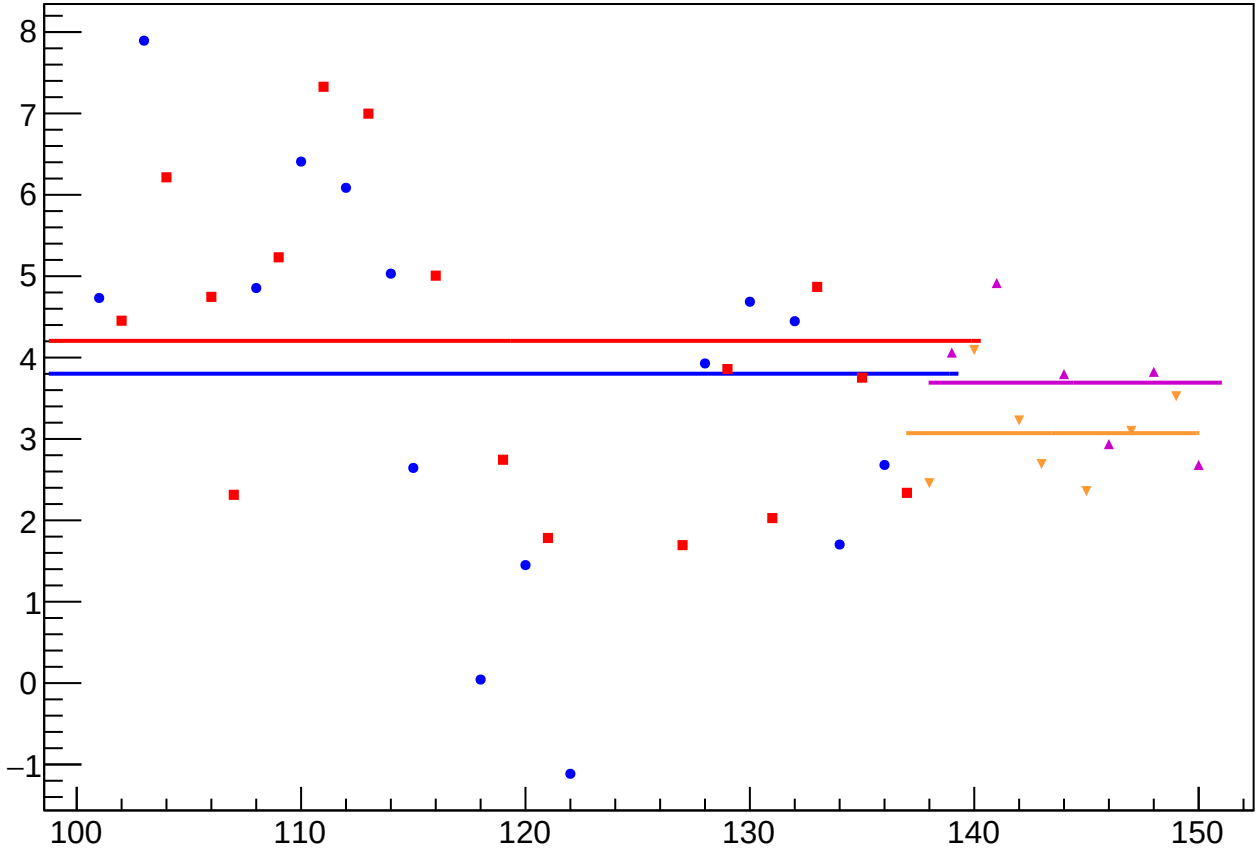
All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803840.0/14

Left Out: 3.072+/-0.000 χ^2/NDF:18439420862243825567018965689958 4.0/6

Right Out: 4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

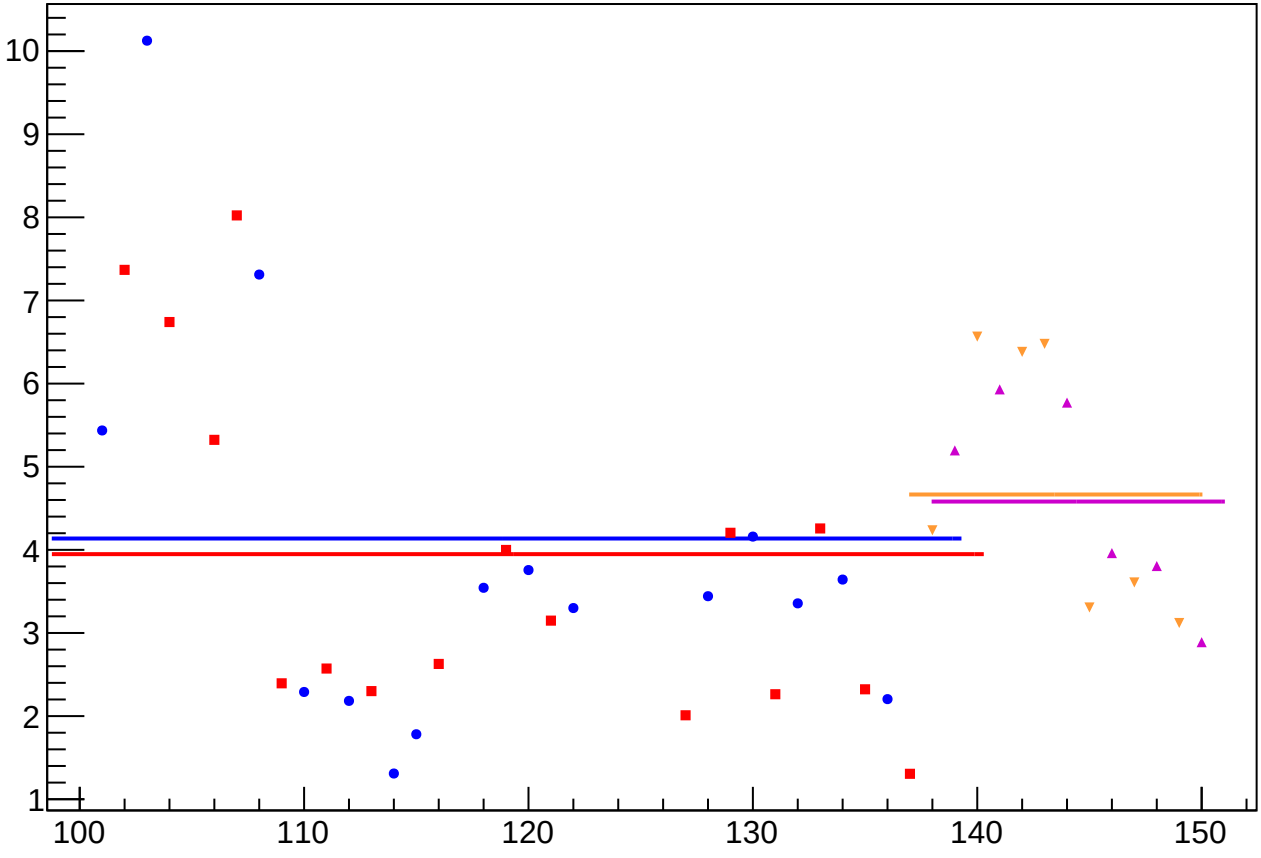
Left In: 3.692+/-0.000 χ^2/NDF:28124617372544282150143777780531 2.0/5

+ sign 3.478+/-0.000 χ^2/NDF: 4133223949395095 6

All: 3.732+/-0.000 χ^2/NDF: 6736292630823 4

- sign 3.982+/-0.000 χ^2/NDF: 2454302253663349 8

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Left Out: 4.666+/-0.000 χ^2/NDF:1103303027211914870601061639389184.0/6

Right Out: 3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

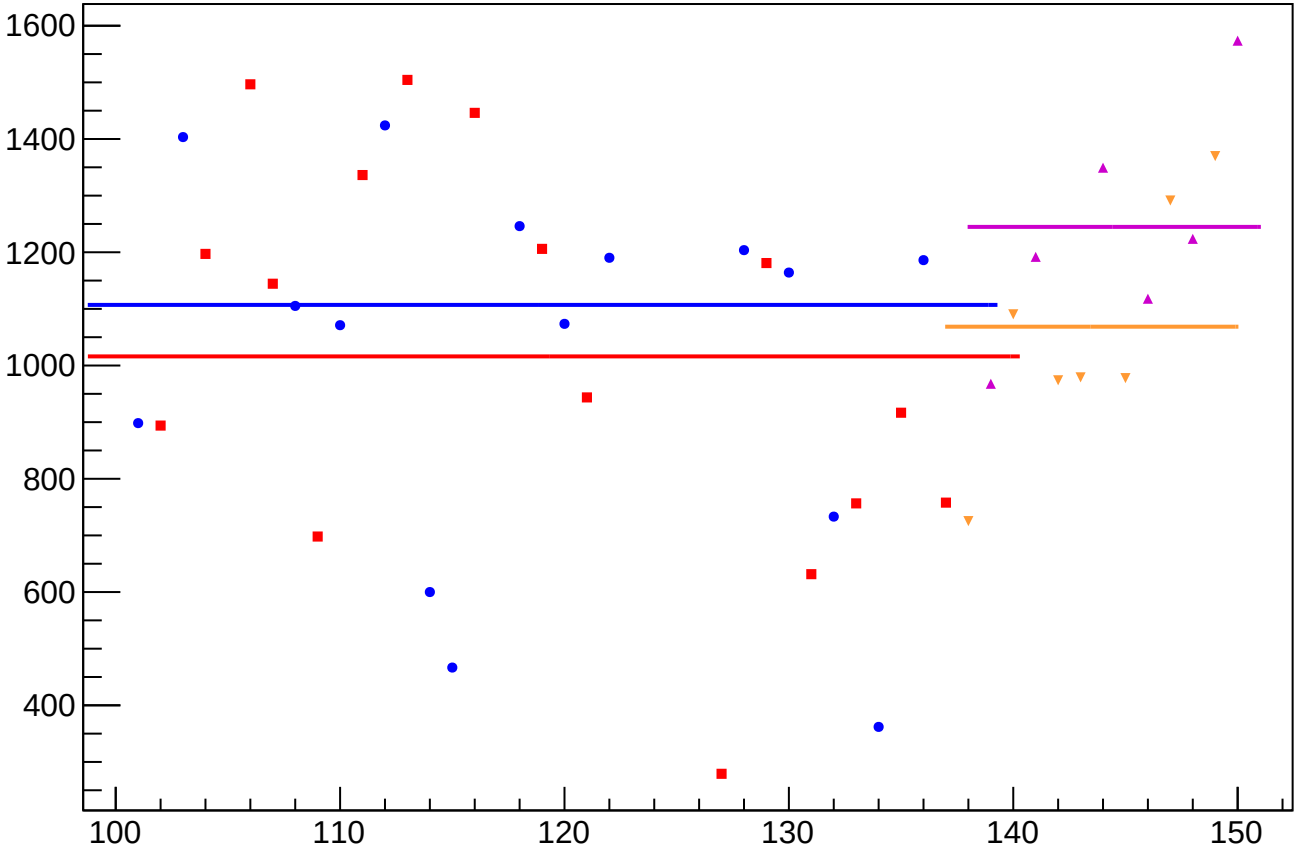
Left In: 4.581+/-0.000 χ^2/NDF:6545393742130095378439441618042 88.0/5

+ sign 4.371+/-0.000 χ^2/NDF: 4691510967492193 4

All: 4.297+/-0.000 χ^2/NDF: 8145010451102 0

- sign 4.223+/-0.000 χ^2/NDF: 3440737520609766 4

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

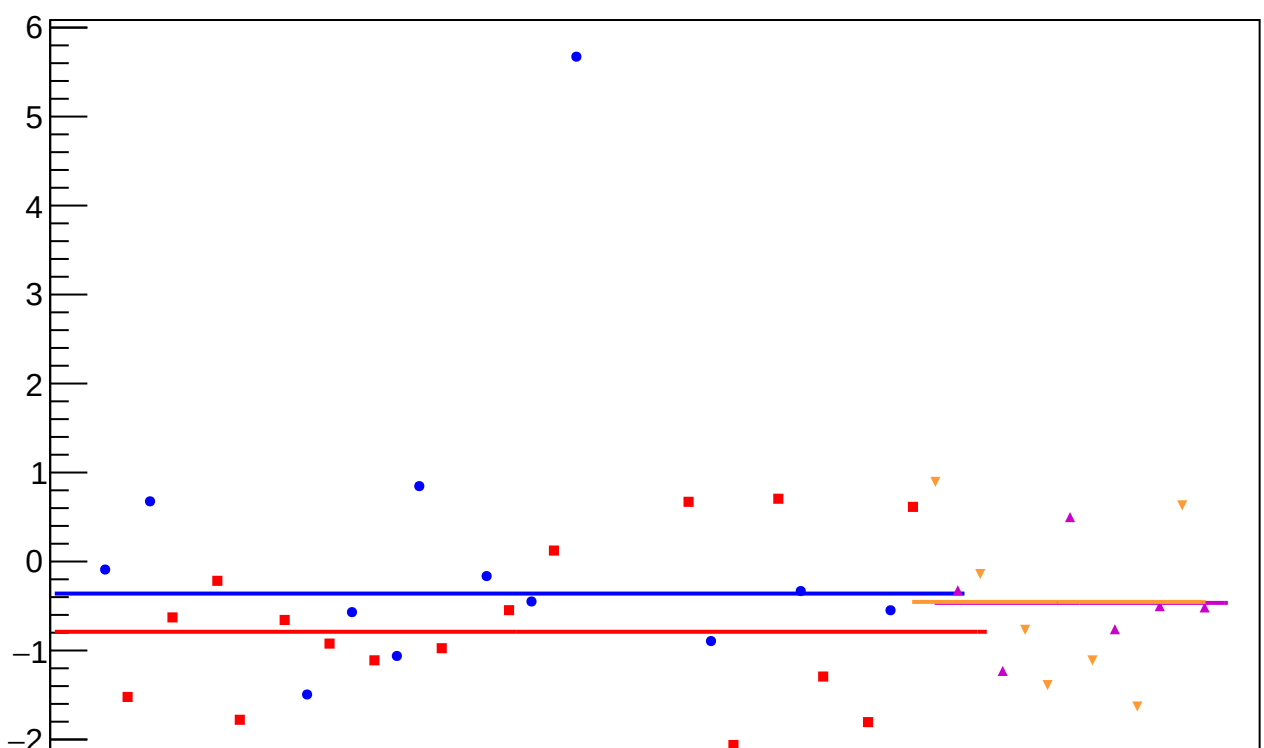
All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14

Left Out: -0.454+/-0.000 χ^2/NDF:4546334624170368470709611905679 36.0/6

Right Out: -0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

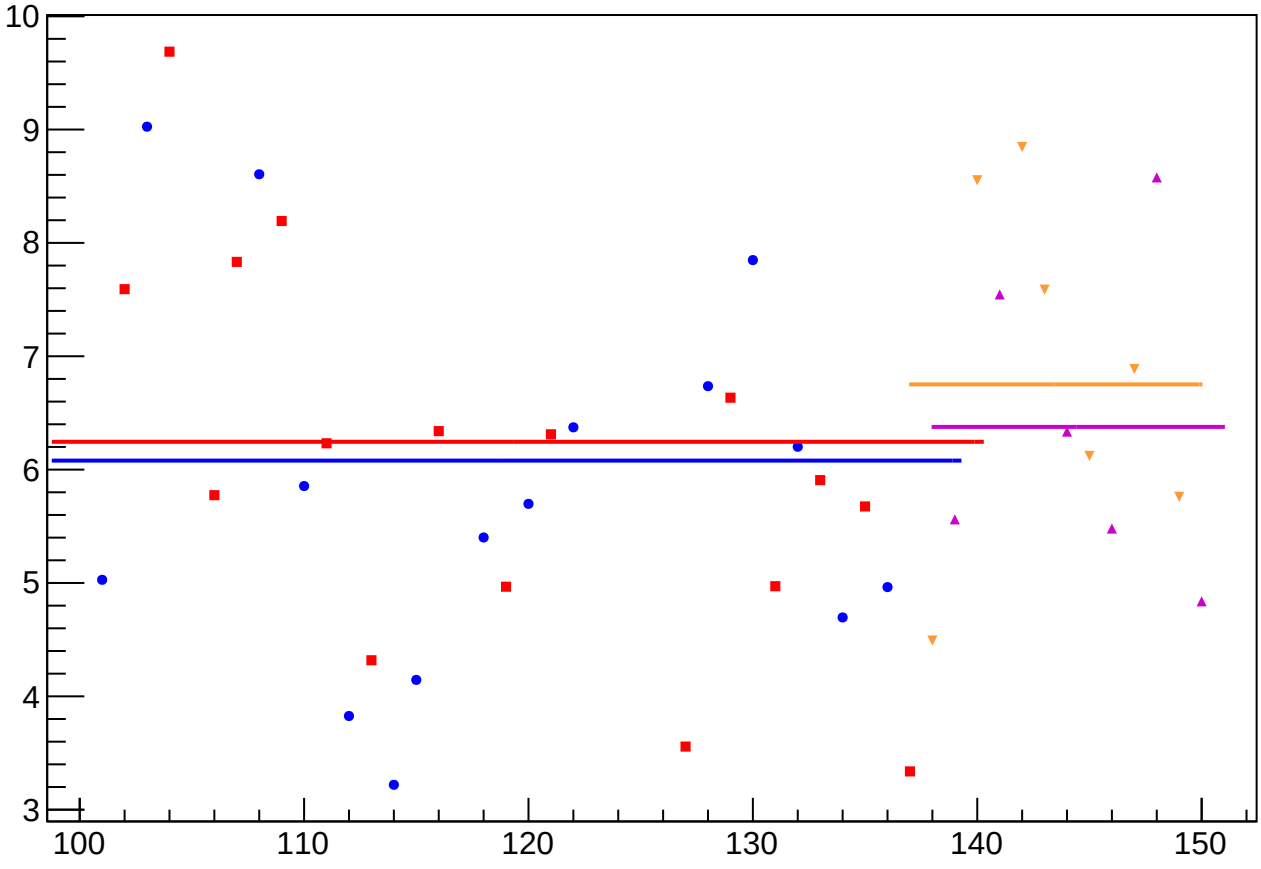
Left In: -0.465+/-0.000 χ^2/NDF:1417068634696419225755804049080 32.0/5

+ sign -0.402+/-0.000 χ^2/NDF: 2637406763854738

All: -0.526+/-0.000 χ^2/NDF: 3308460100508

- sign -0.648+/-0.000 χ^2/NDF: 6353692031516669

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

+ sign 6.377+/-0.000 χ^2/NDF: 27490458069760562

Left Out: 6.752+/-0.000 χ^2/NDF:102884765712313272837507244883968 0.0/6

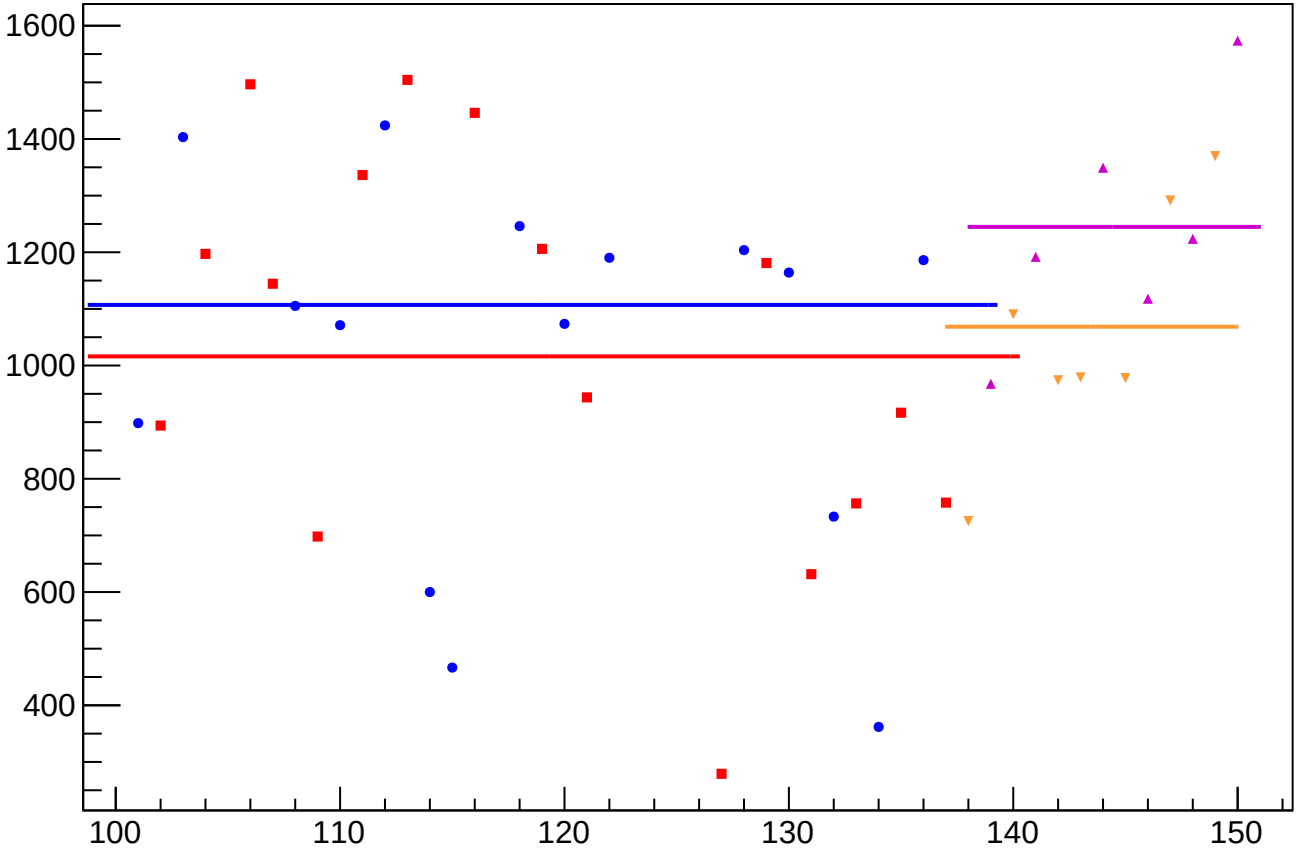
All: 6.340+/-0.000 χ^2/NDF: 5433079014308 6

Right Out: 6.245+/-0.000 χ^2/NDF: 18165291631050069385109769855959 04.0/15

- sign 6.303+/-0.000 χ^2/NDF: 26807668400157609

Left In: 6.377+/-0.000 χ^2/NDF:85922598994973850648673933642956 8.0/5

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

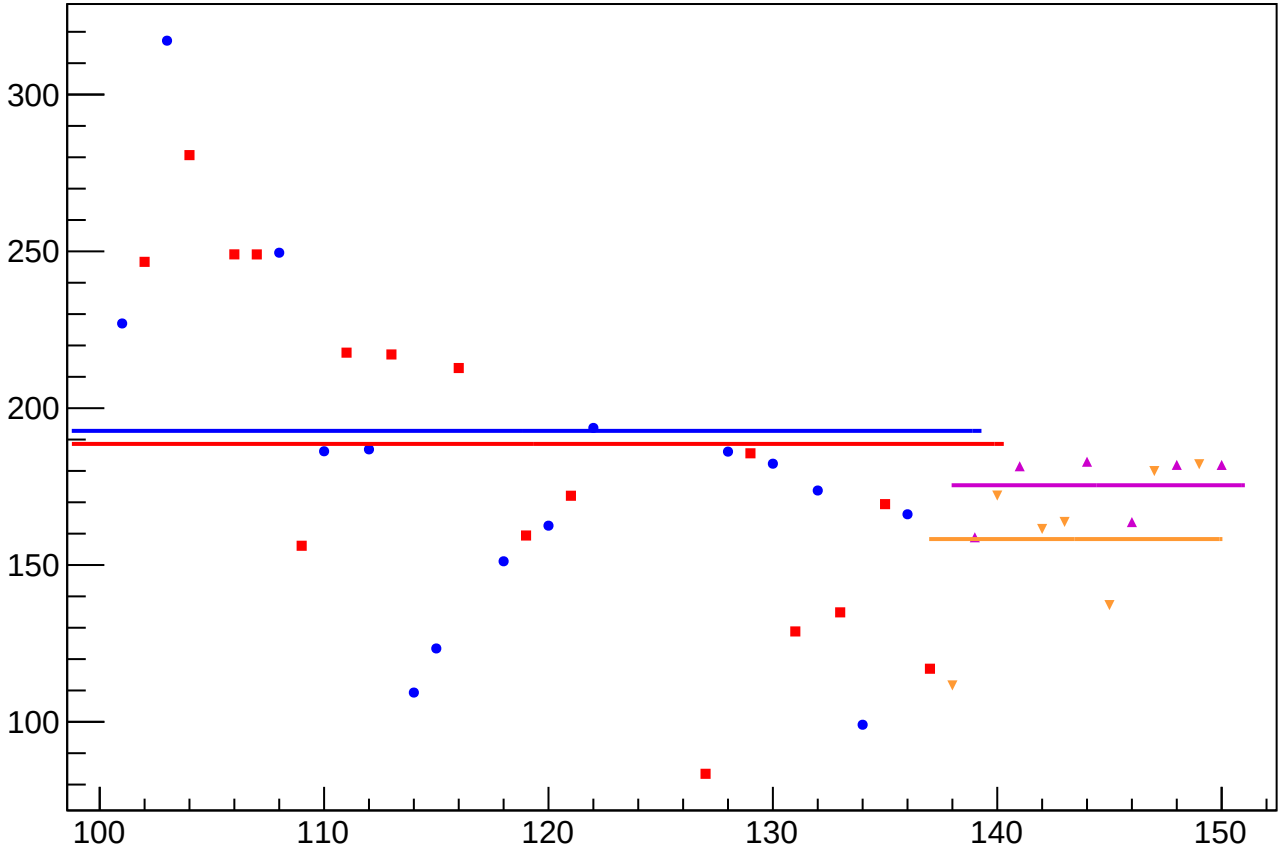
All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

Left Out: 158.275+/-0.000 χ^2/NDF:308444829169258505960319807377113088.0/6

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

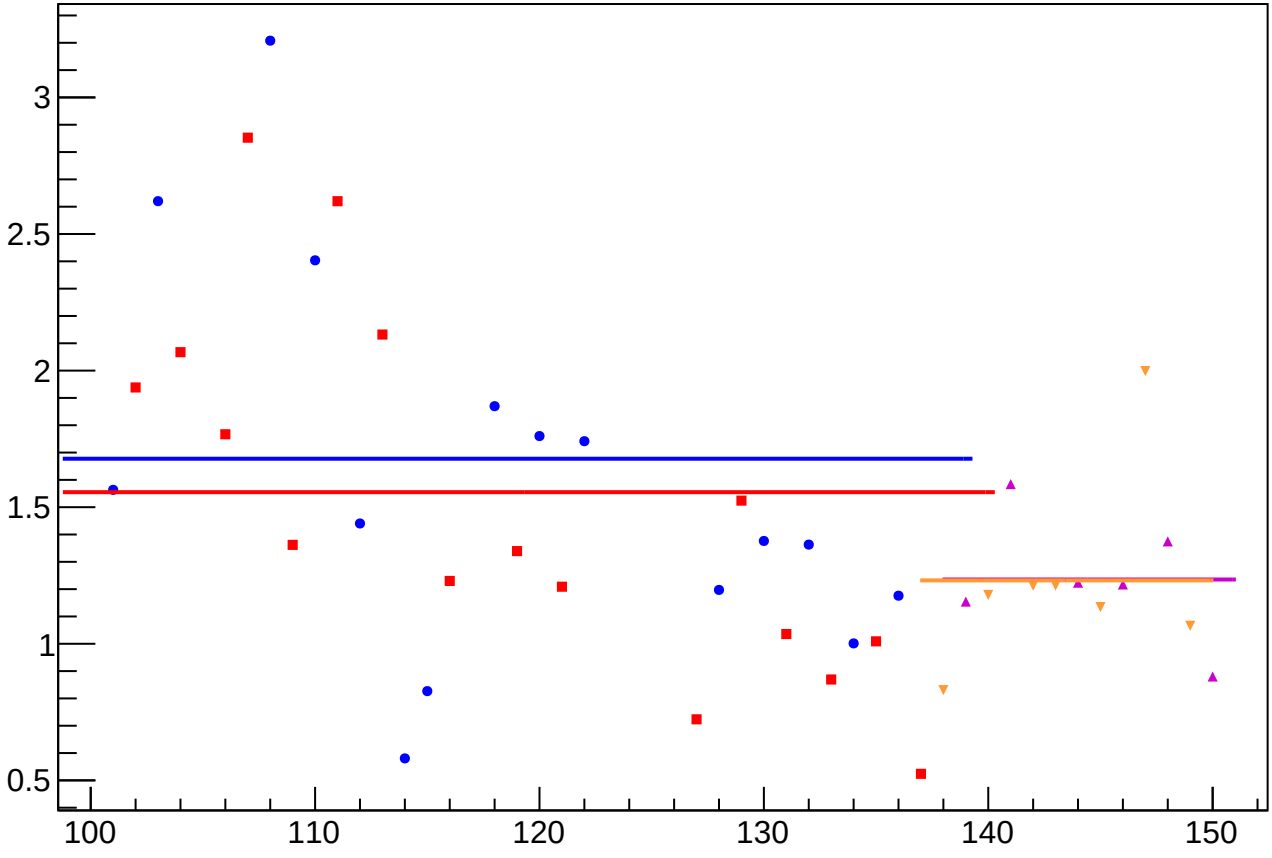
Left In: 175.434+/-0.000 χ^2/NDF:49232511151168960708175103334023168.0/5

+ sign 177.492+/-0.000 χ^2/NDF: 229108144550167

All: 180.205+/-0.000 χ^2/NDF: 43300483540 4

- sign 182.883+/-0.000 χ^2/NDF: 202193227225979

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.480+/-0.000 χ^2/NDF: 3606287175360089 0

Left Out: 1.232+/-0.000 χ^2/NDF:617428834114576357504125291724 80.0/6

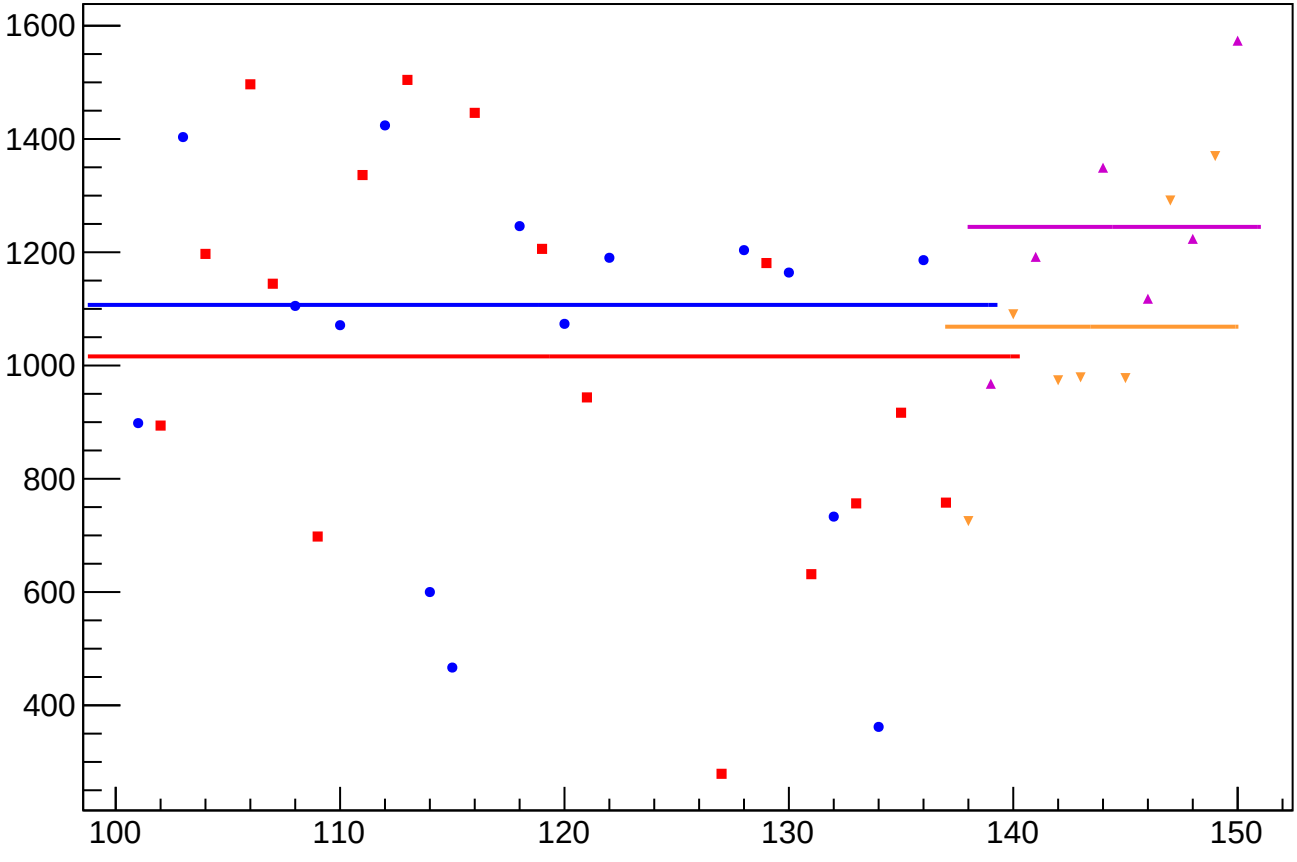
All: 1.448+/-0.000 χ^2/NDF: 6723664254634 4

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.416+/-0.000 χ^2/NDF: 3093217035920304 1

Left In: 1.235+/-0.000 χ^2/NDF:2404492205315479902576210608128 0.0/5

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

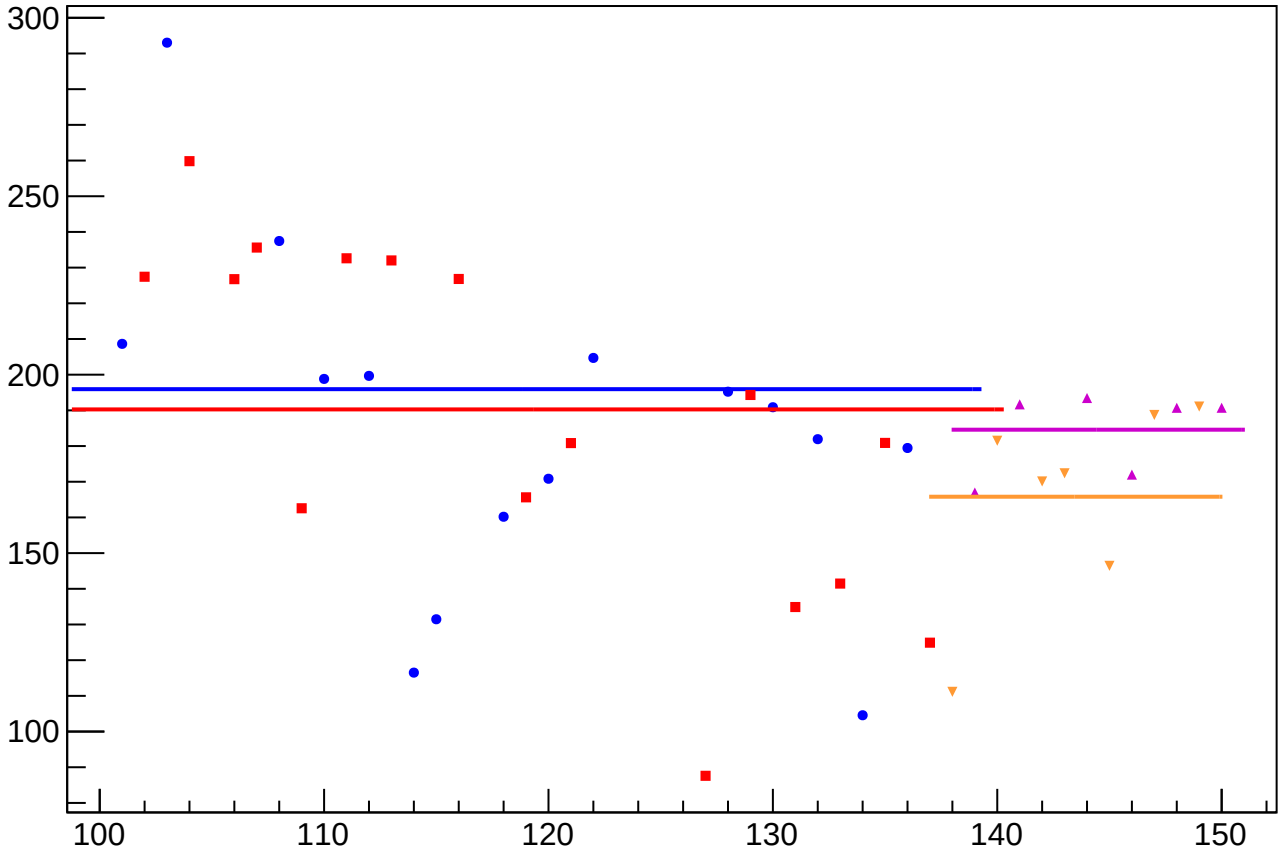
All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 165.802+/-0.000 χ^2/NDF:381995888558383760858475643174649856.0/6

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

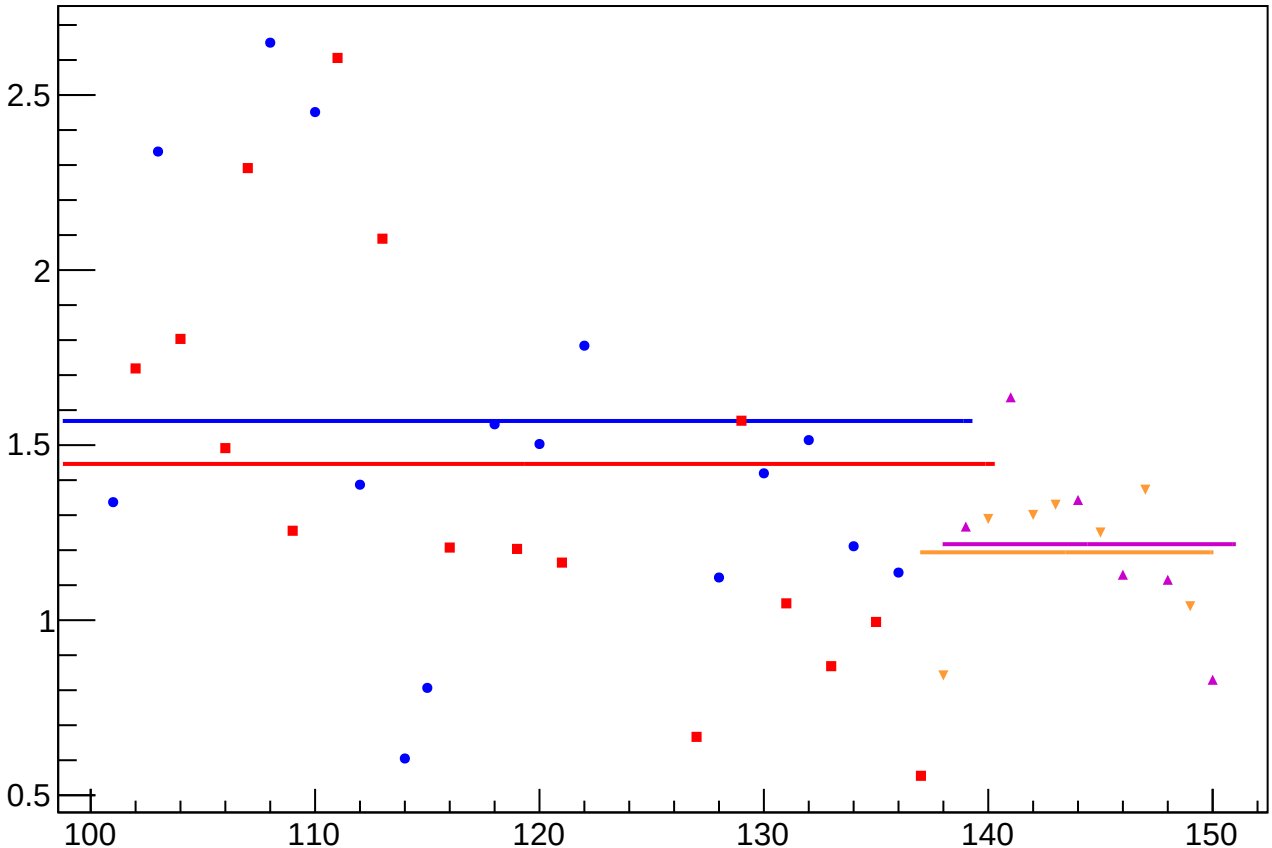
Left In: 184.583+/-0.000 χ^2/NDF:5617124081816320463807495797945139 2.0/5

+ sign 182.592+/-0.000 χ^2/NDF: 17009863370402

All: 185.211+/-0.000 χ^2/NDF: 32508817092

- sign 187.796+/-0.000 χ^2/NDF: 153401362817649

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF: 1628491956681233807896105409576 96.0/14

Left Out: 1.194+/-0.000 χ^2/NDF:1689562697609668585952078987 2640.0/6

Right Out: 1.446+/-0.000 χ^2/NDF: 1962966539175233524432710527877 12.0/15

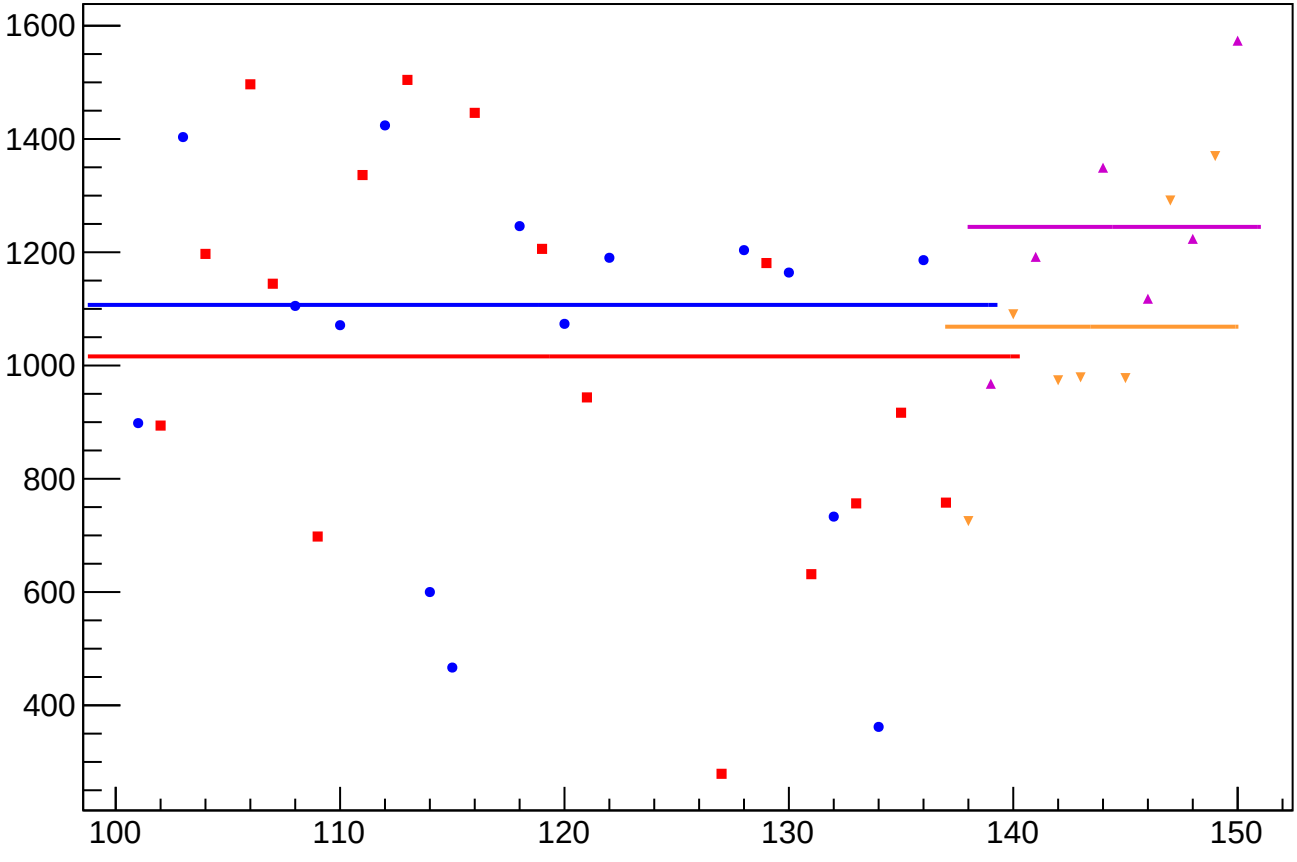
Left In: 1.217+/-0.000 χ^2/NDF:3173181183008570924298355186 0736.0/5

+ sign 1.403+/-0.000 χ^2/NDF: 2202031103695731 1

All: 1.375+/-0.000 χ^2/NDF: 4653213801252 2

- sign 1.347+/-0.000 χ^2/NDF: 2432687019432460 4

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

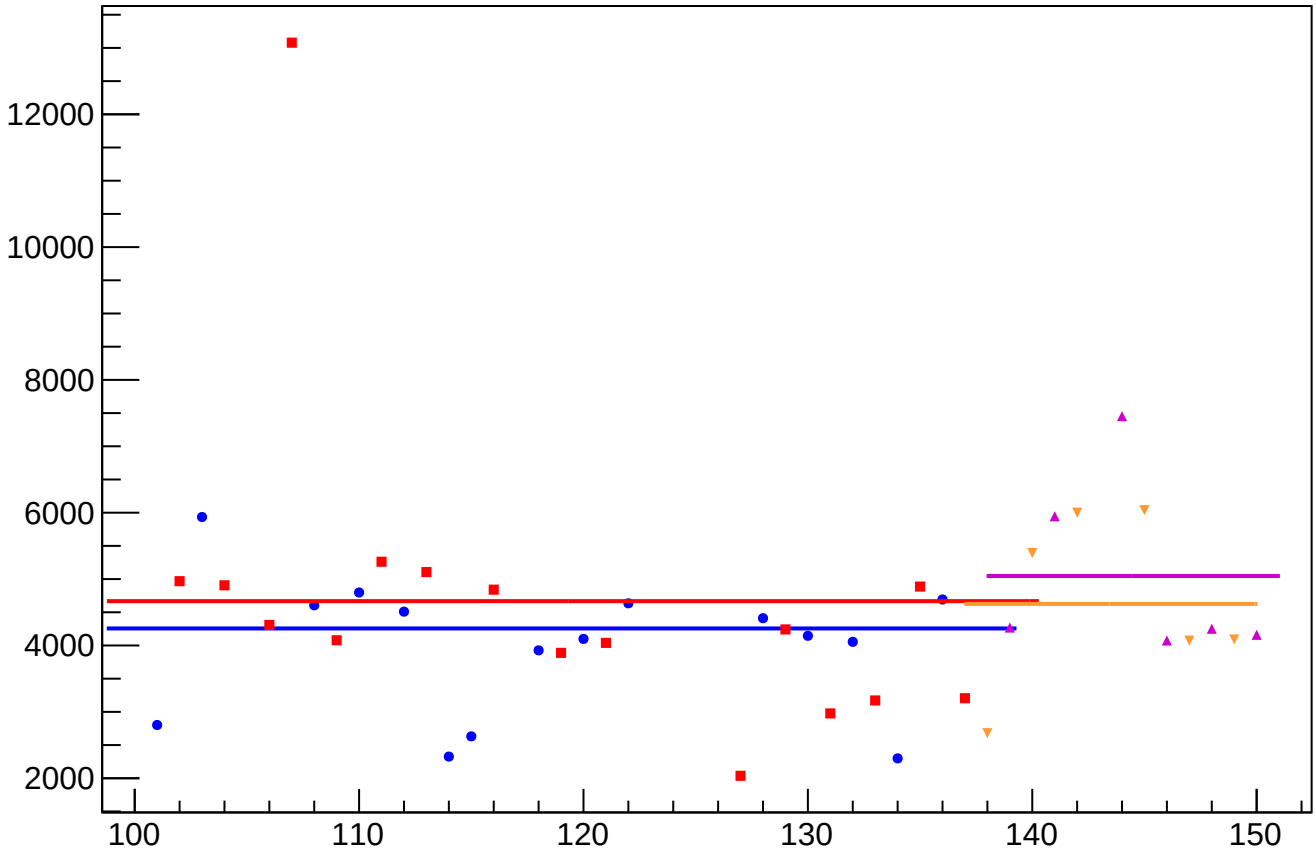
All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

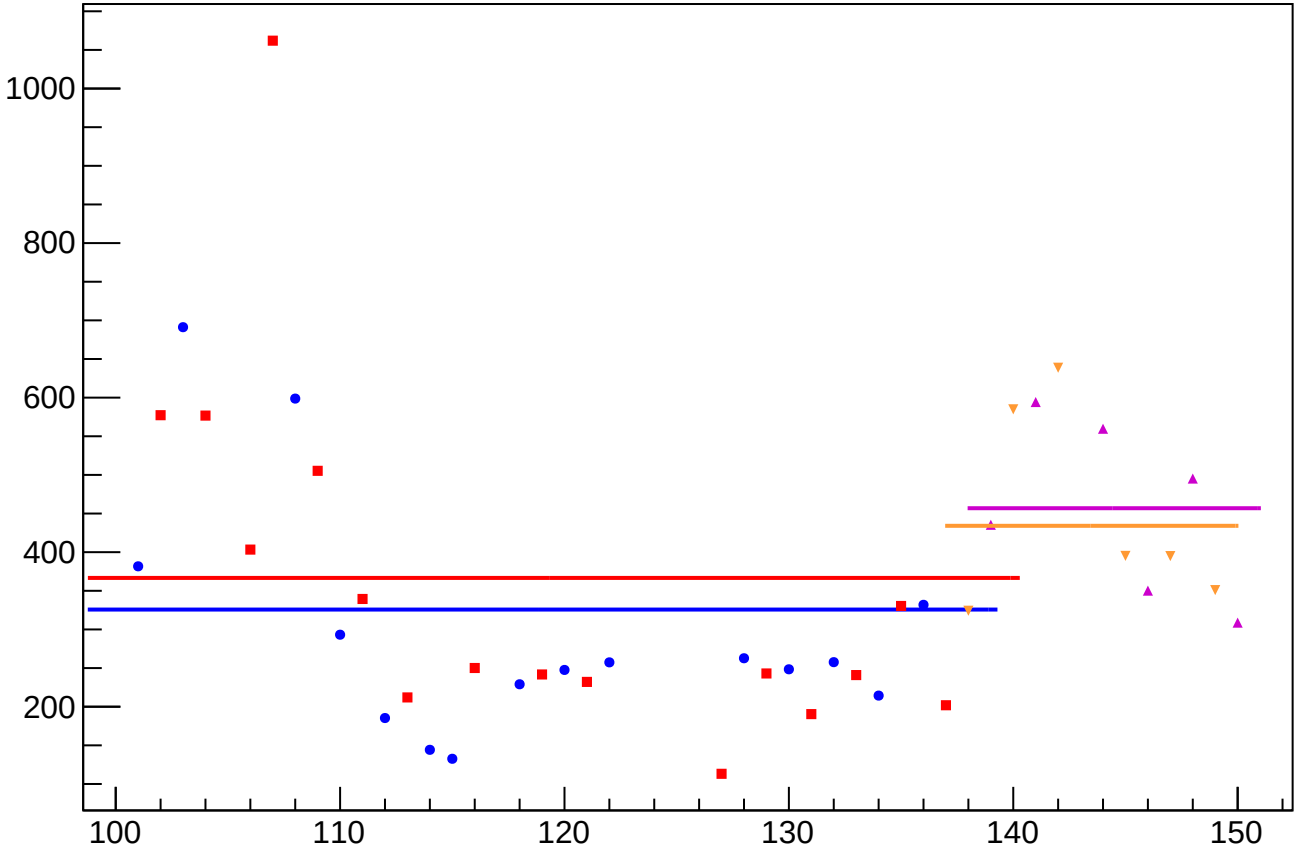
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF: 49860541255162485967245495415957618688 0.0/14
+ sign 4407.691+/-0.000 χ^2/NDF: 11749370063642
Left Out: 4626.393+/-0.000 χ^2/NDF:63999807618954320583461916447233540096 0.0/5
All: 4627.683+/-0.000 χ^2/NDF: 5357071029 5
Right Out: 4667.832+/-0.000 χ^2/NDF: 32019255357828074503209517721593095127 04.0/15
- sign 4832.387+/-0.000 χ^2/NDF: 40795486374990
Left Out: 5046.340+/-0.000 χ^2/NDF:83607864907410344222734286916813429145 6.0/5

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

+ sign 370.055+/-0.000 χ^2/NDF: 233065940743512

Left Out: 434.121+/-0.000 χ^2/NDF:555535571161953061418520161932856524 8.0/5

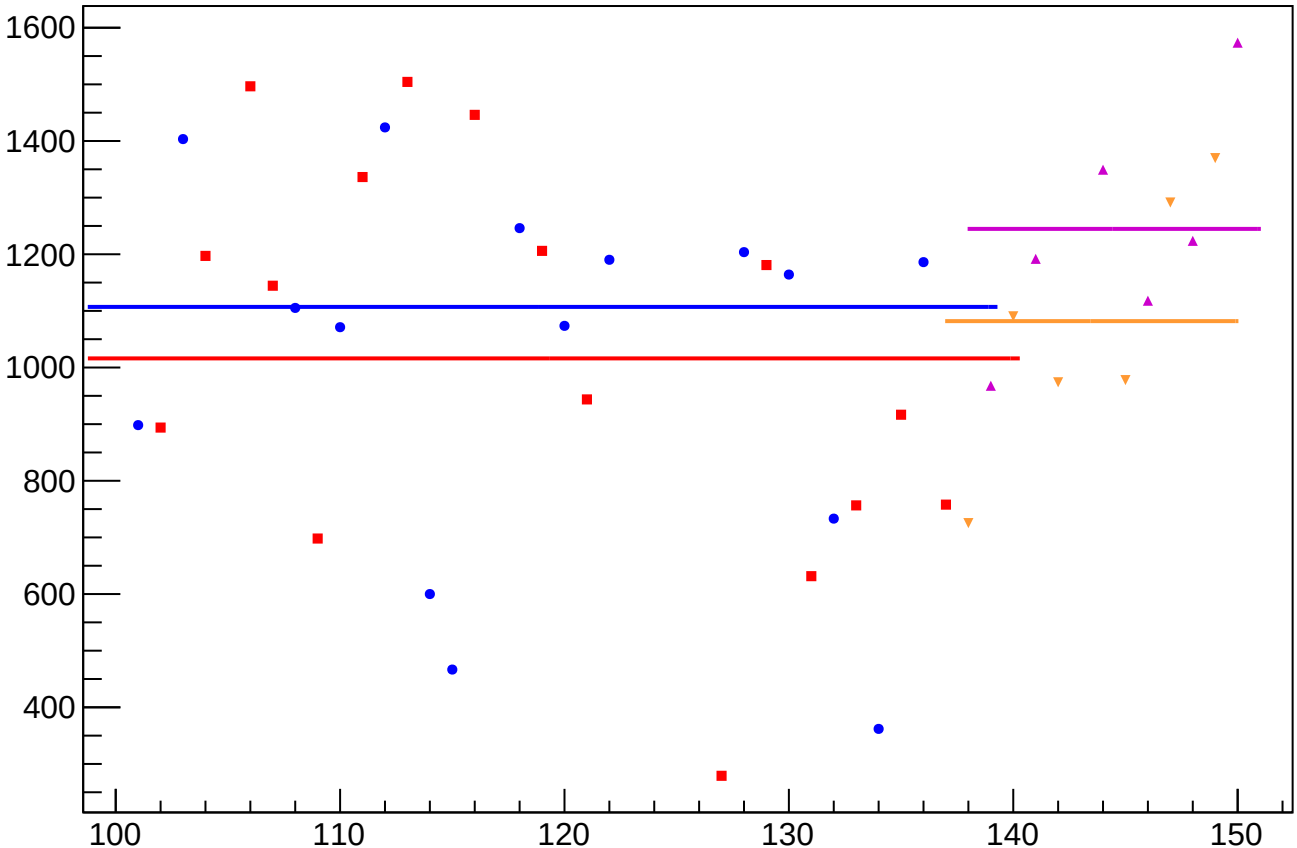
All: 388.622+/-0.000 χ^2/NDF: 641414758863

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893452 8.0/15

- sign 405.898+/-0.000 χ^2/NDF: 401041780318262

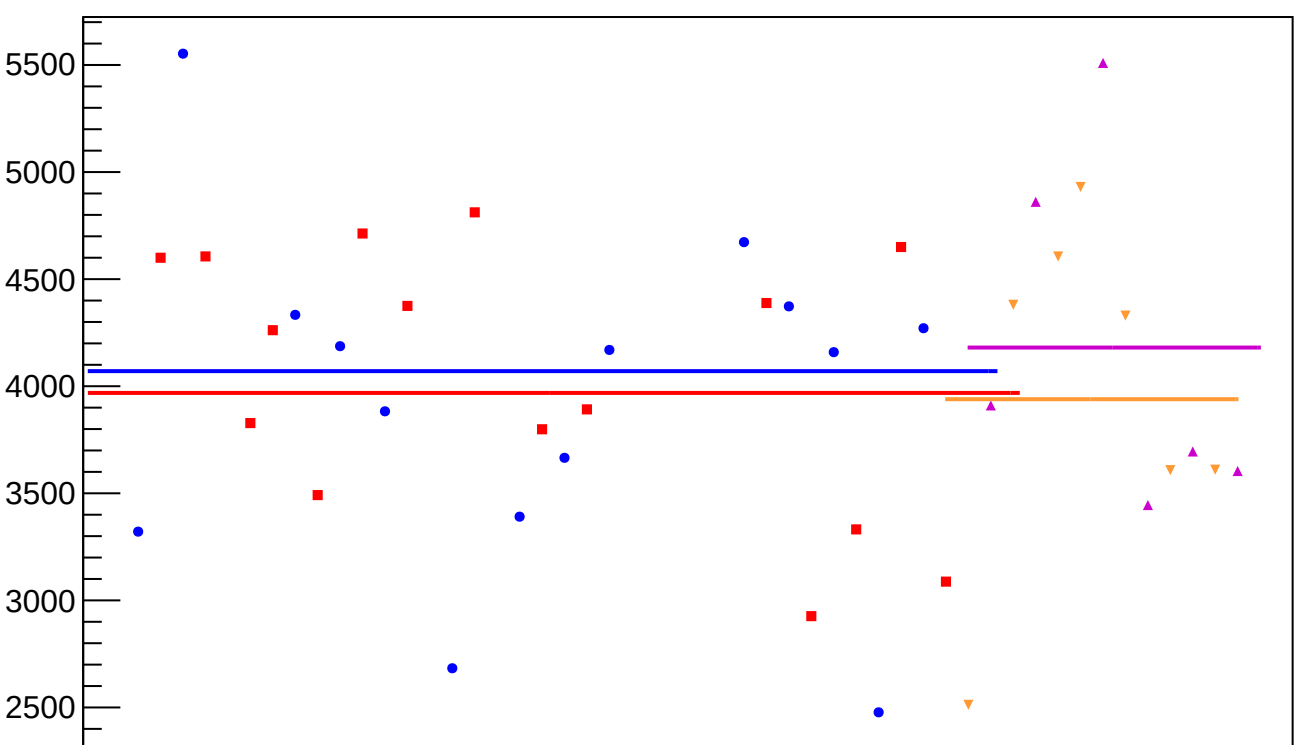
Left In: 456.886+/-0.000 χ^2/NDF:5647483078610224518488306322759483392.0/5

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1096.775+/-0.000 χ^2/NDF: 6252846553891 6
Left Out: 1081.920+/-0.000 χ^2/NDF:217269996472421569485525527317257912 32.0/5
All: 1106.492+/-0.000 χ^2/NDF: 1690993862 1
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1115.533+/-0.000 χ^2/NDF: 10637079448485
Left In: 1244.807+/-0.000 χ^2/NDF:186362697773488358495356851422201118 72.0/5

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Left Out: 3939.470+/-0.000 χ^2/NDF:2910197777540299856146709215062387589 12.0/6

Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

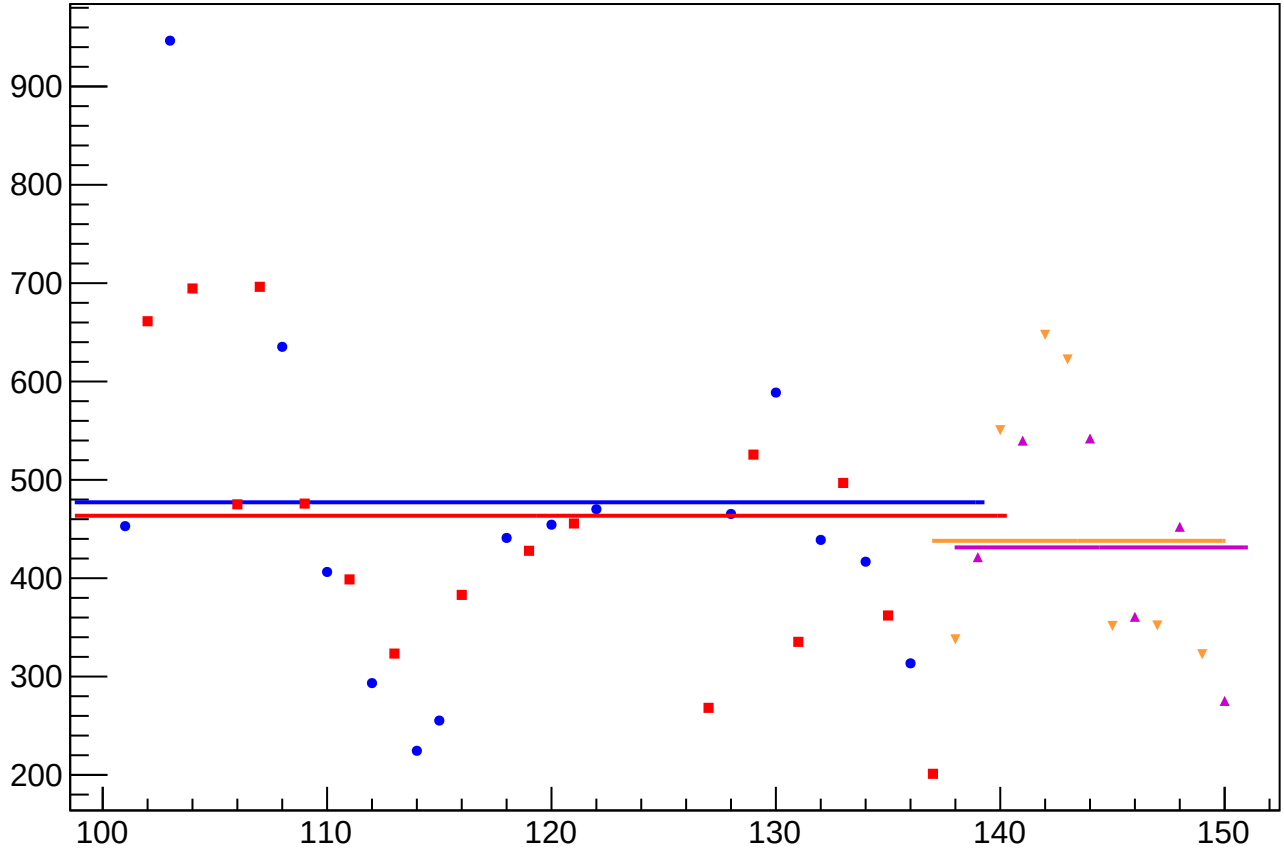
Left In: 4180.555+/-0.000 χ^2/NDF:2974181598687156960144893284524459294 72.0/5

+ sign 4012.433+/-0.000 χ^2/NDF: 6392326844390 8

All: 4036.779+/-0.000 χ^2/NDF: 1310991014 8

- sign 4060.816+/-0.000 χ^2/NDF: 6703860334890 0

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 438.015+/-0.000 χ^2/NDF:8419180576173029931504852898152448000.0/6

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

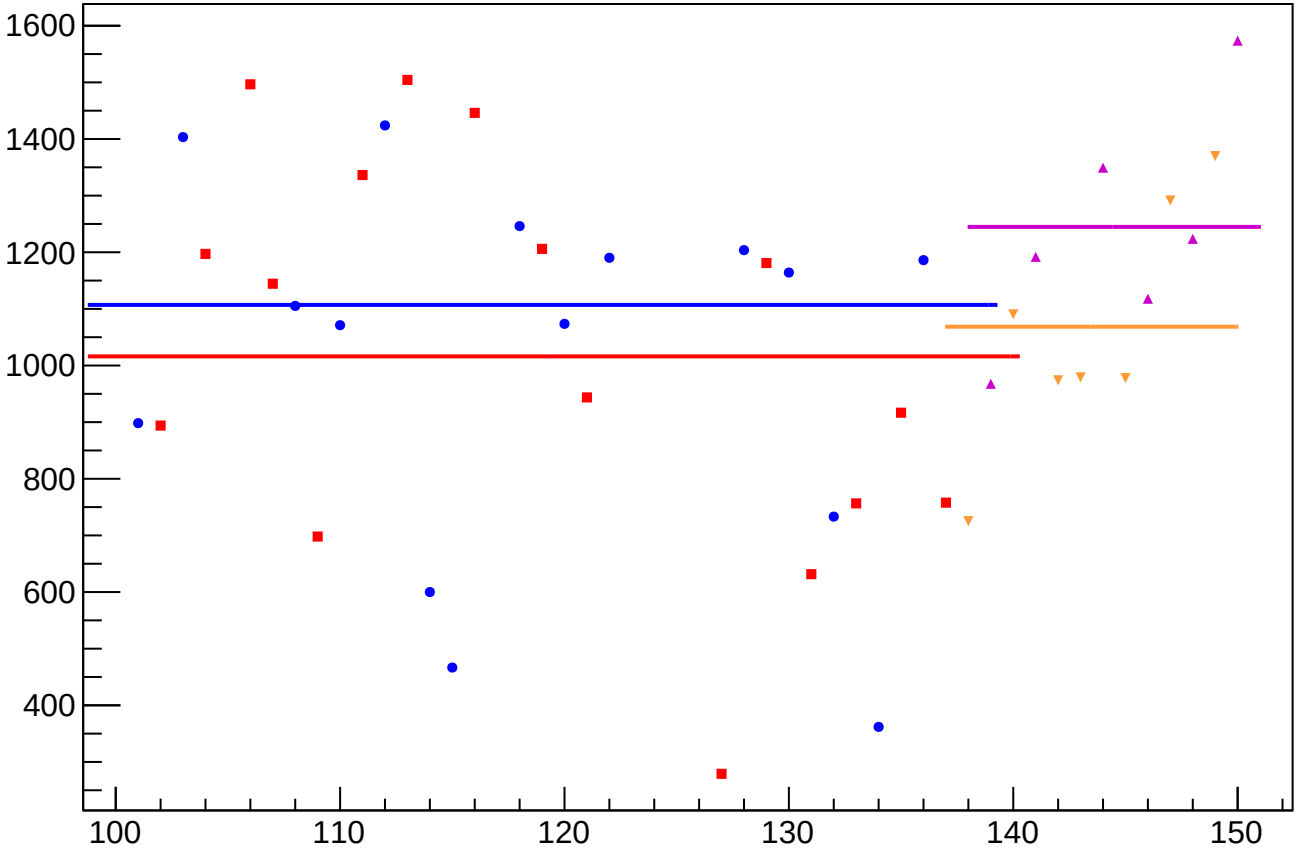
Left In: 431.318+/-0.000 χ^2/NDF:4769143217219736746315288863517442048.0/5

+ sign 459.837+/-0.000 χ^2/NDF: 29315978892173 1

All: 454.643+/-0.000 χ^2/NDF: 47004907418 0

- sign 449.516+/-0.000 χ^2/NDF: 176264867298296

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

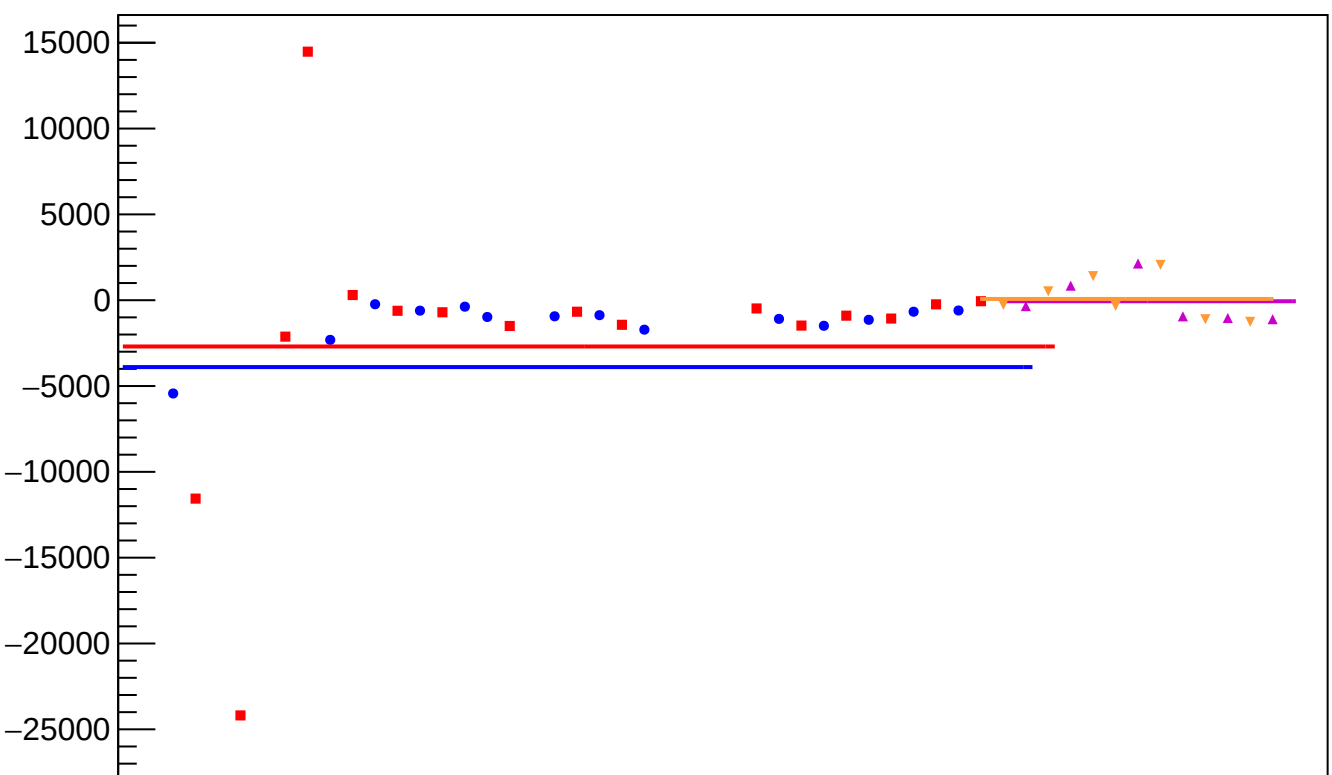
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

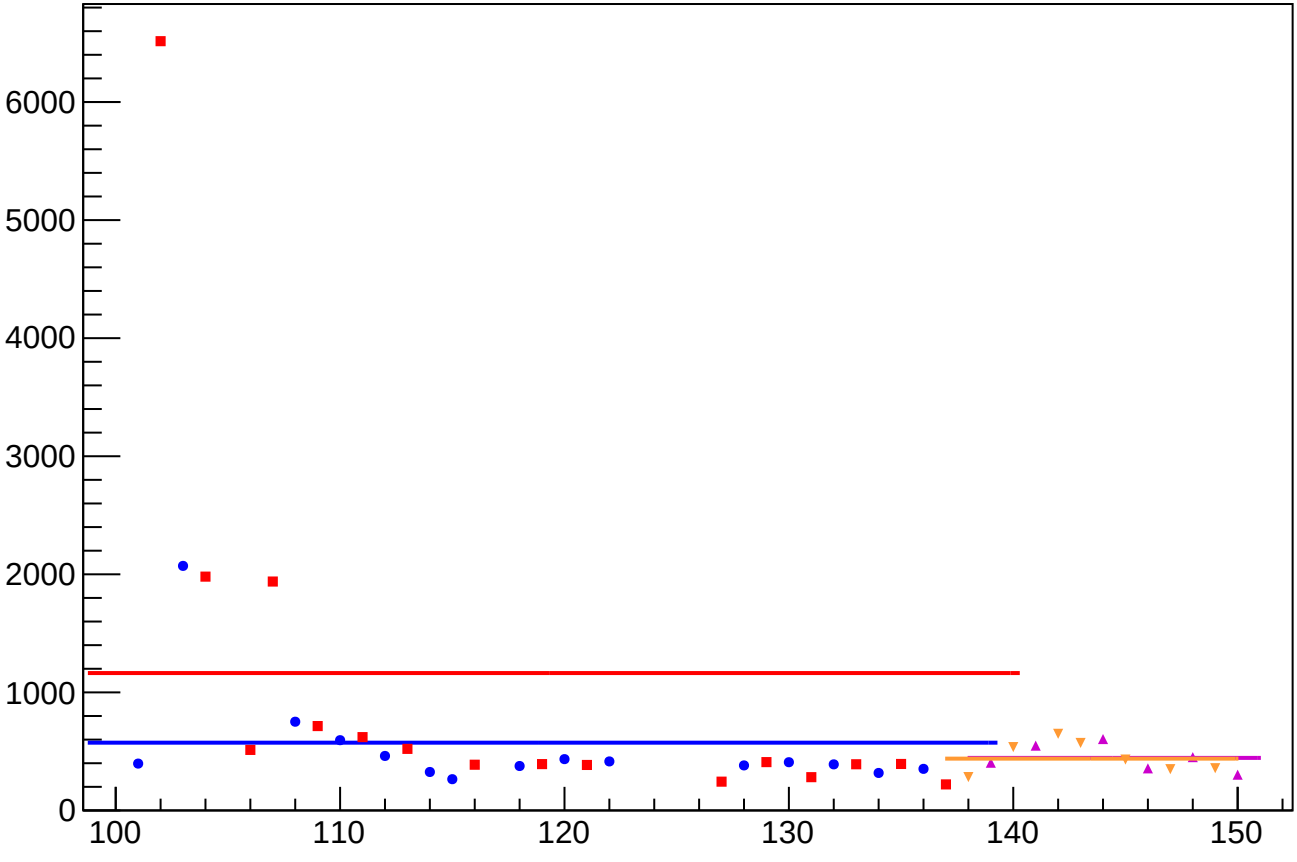
- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

dit_atl1_coil4_mean vs Slug



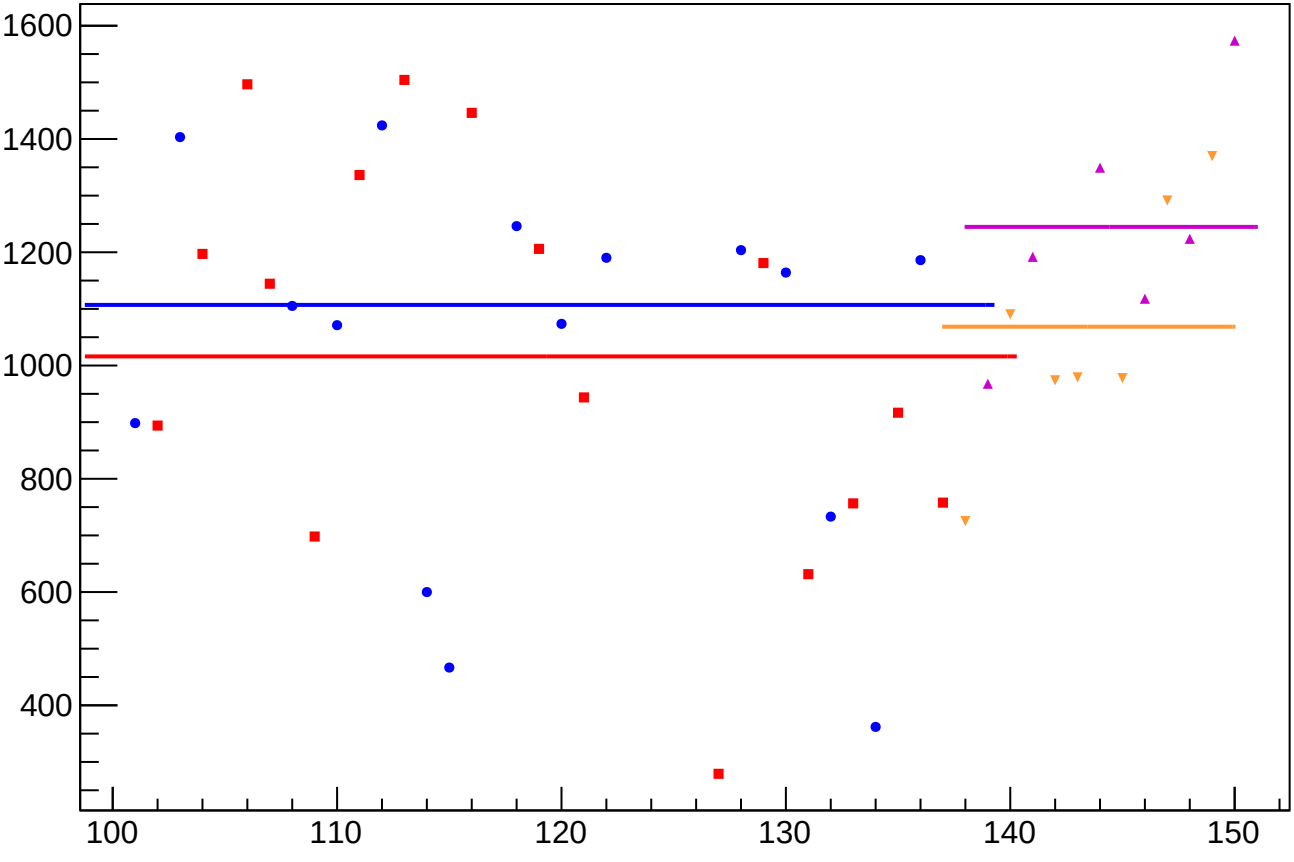
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
+ sign -2138.093+/-0.000 χ^2/NDF: 4484393299528
Left Out: 73.574+/-0.000 χ^2/NDF:69458126435812873399743176298505594 4704.0/6
All: -1842.350+/-0.000 χ^2/NDF: 8863236064
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295 82080.0/15
- sign -1550.366+/-0.000 χ^2/NDF: 4358593139297 9
Left In: -60.829+/-0.000 χ^2/NDF:749854496232292417966856112192570261504.0/5

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF: 15210522988916042301849370958239052595 2.0/14
+ sign 514.199+/-0.000 χ^2/NDF: 16443332626686
Left Out: 438.915+/-0.000 χ^2/NDF:7078300715953762927128982355663912960.0/6
All: 683.831+/-0.000 χ^2/NDF: 23897809632
Right Out: 1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
- sign 851.306+/-0.000 χ^2/NDF: 215872808233399
Left In: 445.138+/-0.000 χ^2/NDF:5811812563334828691784543447474503680.0/5

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

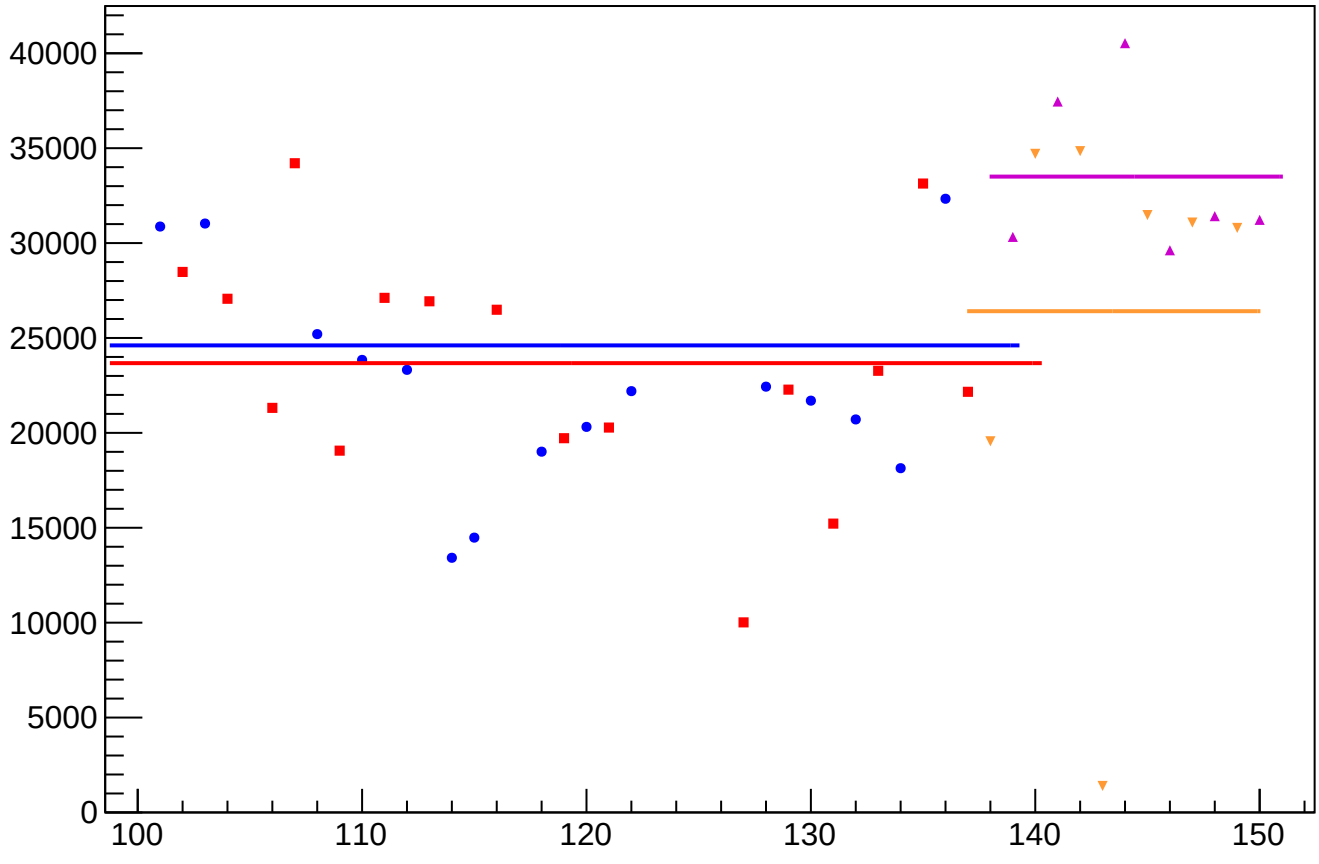
All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

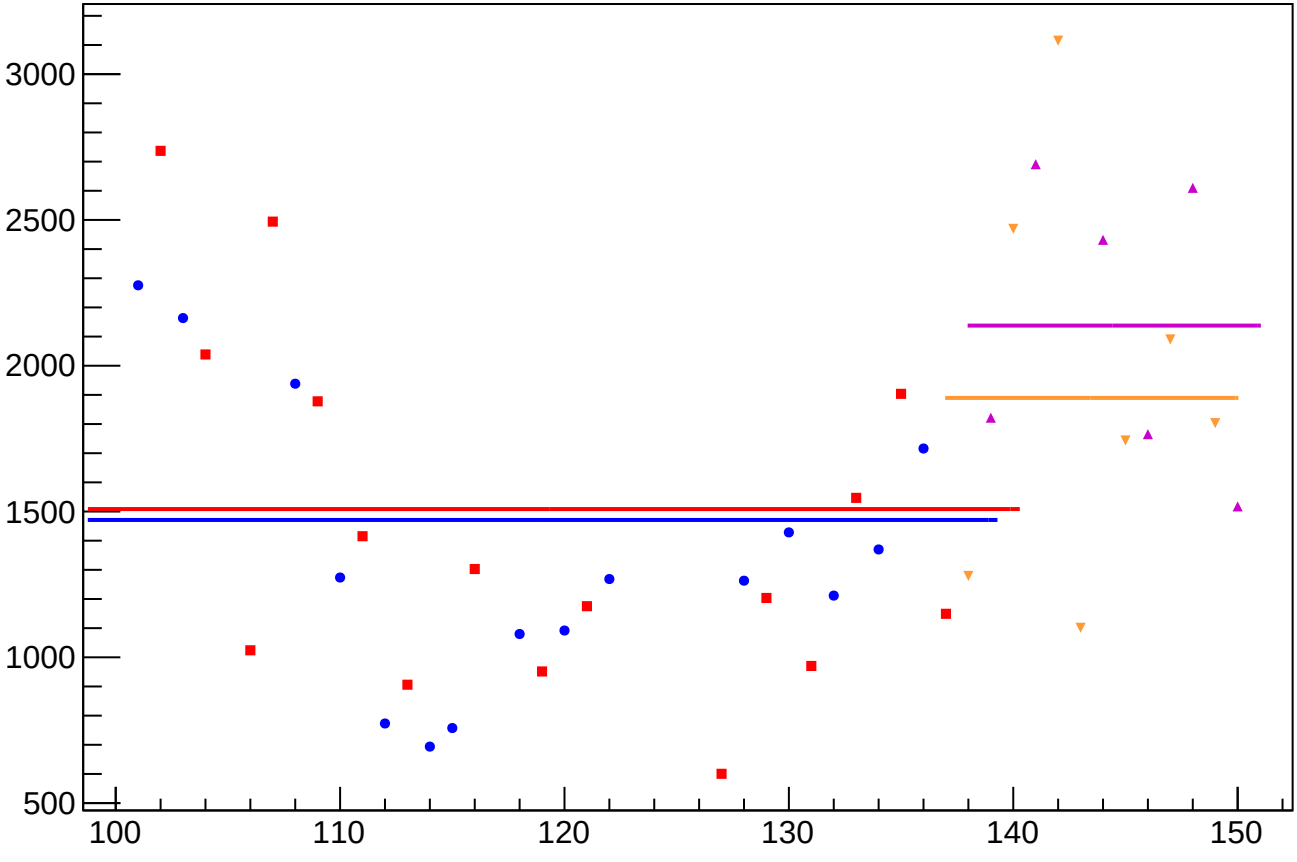
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

dit_atl2_coil4_mean vs Slug



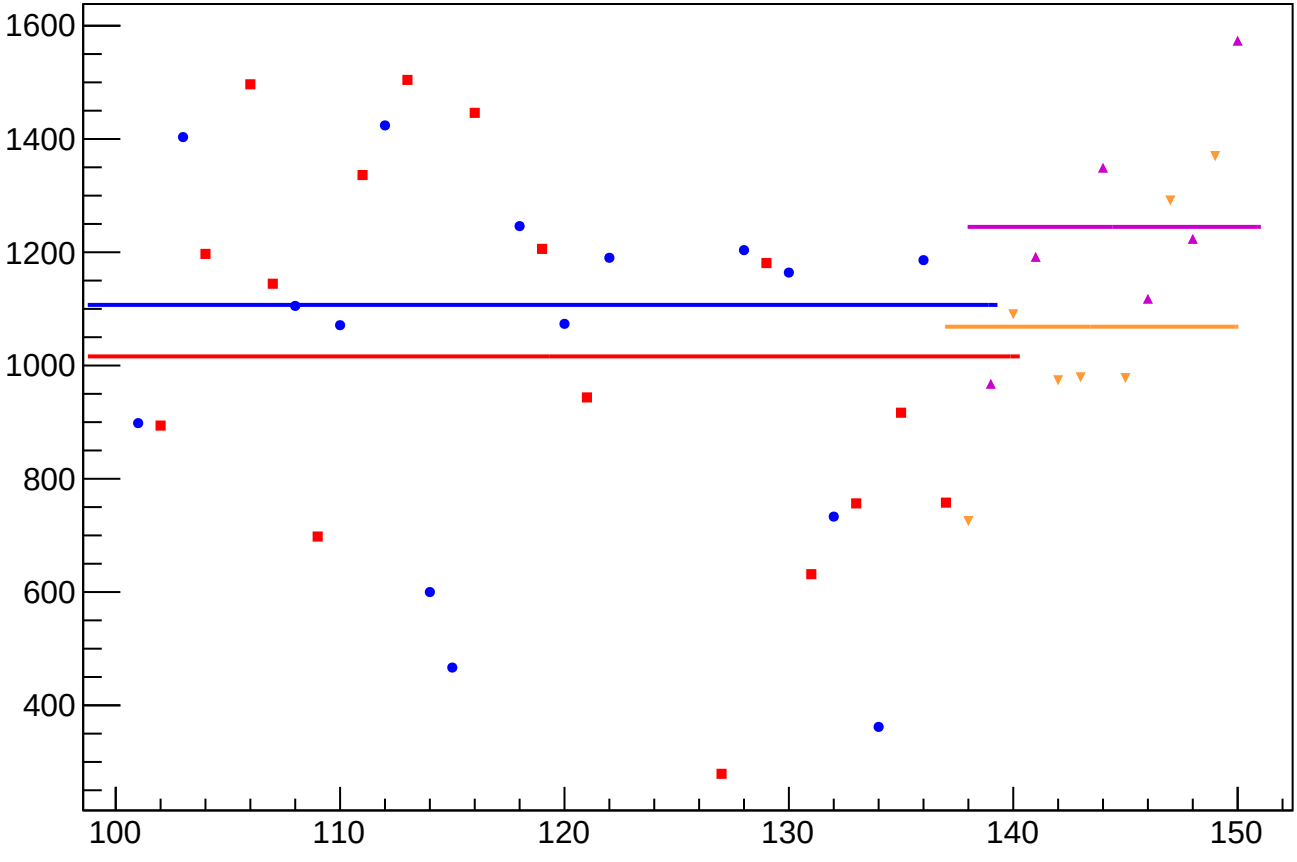
Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14
+ sign 25407.163+/-0.000 χ^2/NDF: 7838083419662
Left Out: 26411.355+/-0.000 χ^2/NDF:5989119645557881001072652946345757245440 0.0/6
All: 26685.171+/-0.000 χ^2/NDF: 1436348395
Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15
- sign 27946.934+/-0.000 χ^2/NDF: 6147259046796
Left In: 33502.664+/-0.000 χ^2/NDF:8635613758052372729326915908412888842240.0/5

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF: 139174979420467841073894167956452016128.0/14
+ sign 1656.478+/-0.000 χ^2/NDF: 3623544946827
Left Out: 1889.644+/-0.000 χ^2/NDF:172822212495663752219800047576898600960.0/6
All: 1719.644+/-0.000 χ^2/NDF: 8435597481
Right Out: 1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15
- sign 1782.008+/-0.000 χ^2/NDF: 47196767966251
Left In: 2137.685+/-0.000 χ^2/NDF:1070707081150705636271456228641058324 48.0/5

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

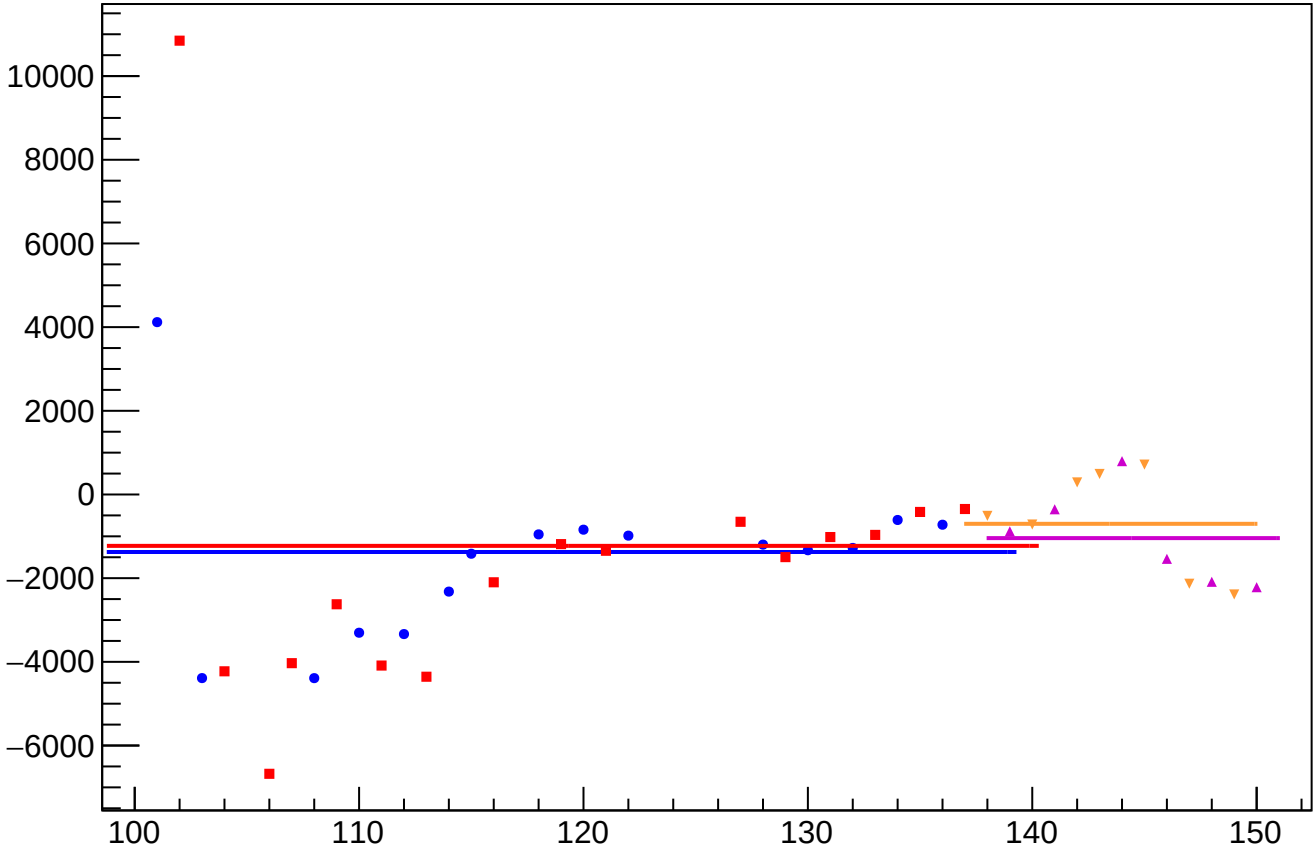
All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

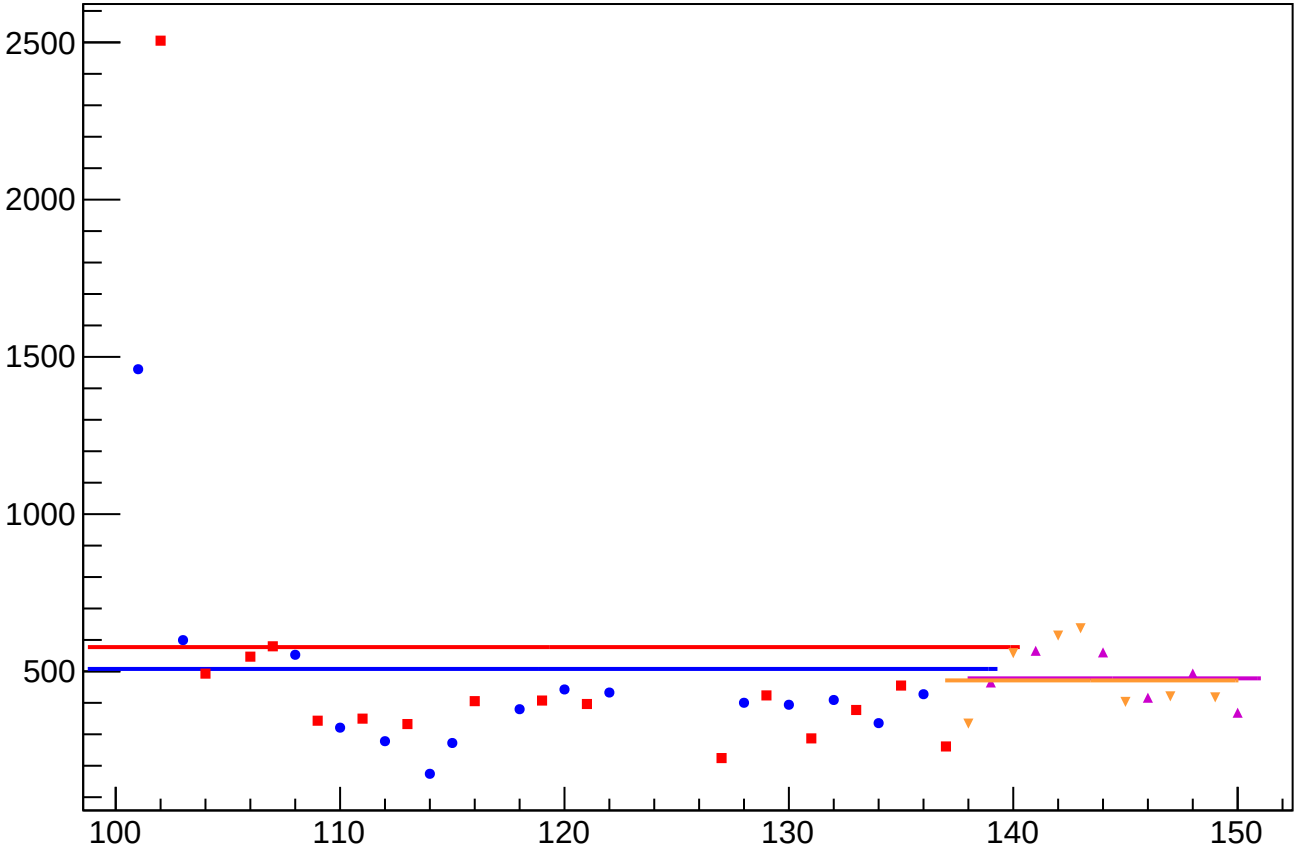
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1076.198+/-0.000 χ^2/NDF: 3907810750030
Left Out: -700.995+/-0.000 χ^2/NDF:7046394399670381646860181901263838904 32.0/6
All: -1112.007+/-0.000 χ^2/NDF: 1561672667
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -1147.361+/-0.000 χ^2/NDF: 11705947138101
Left In: -1042.672+/-0.000 χ^2/NDF:5806874819384814135810868033468938321 92.0/5

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 471.358+/-0.000 χ^2/NDF:5683610153493483897308715374029570048.0/6

Right Out: 577.250+/-0.000 χ^2/NDF: 2412887806426233916839586415355740815 36.0/15

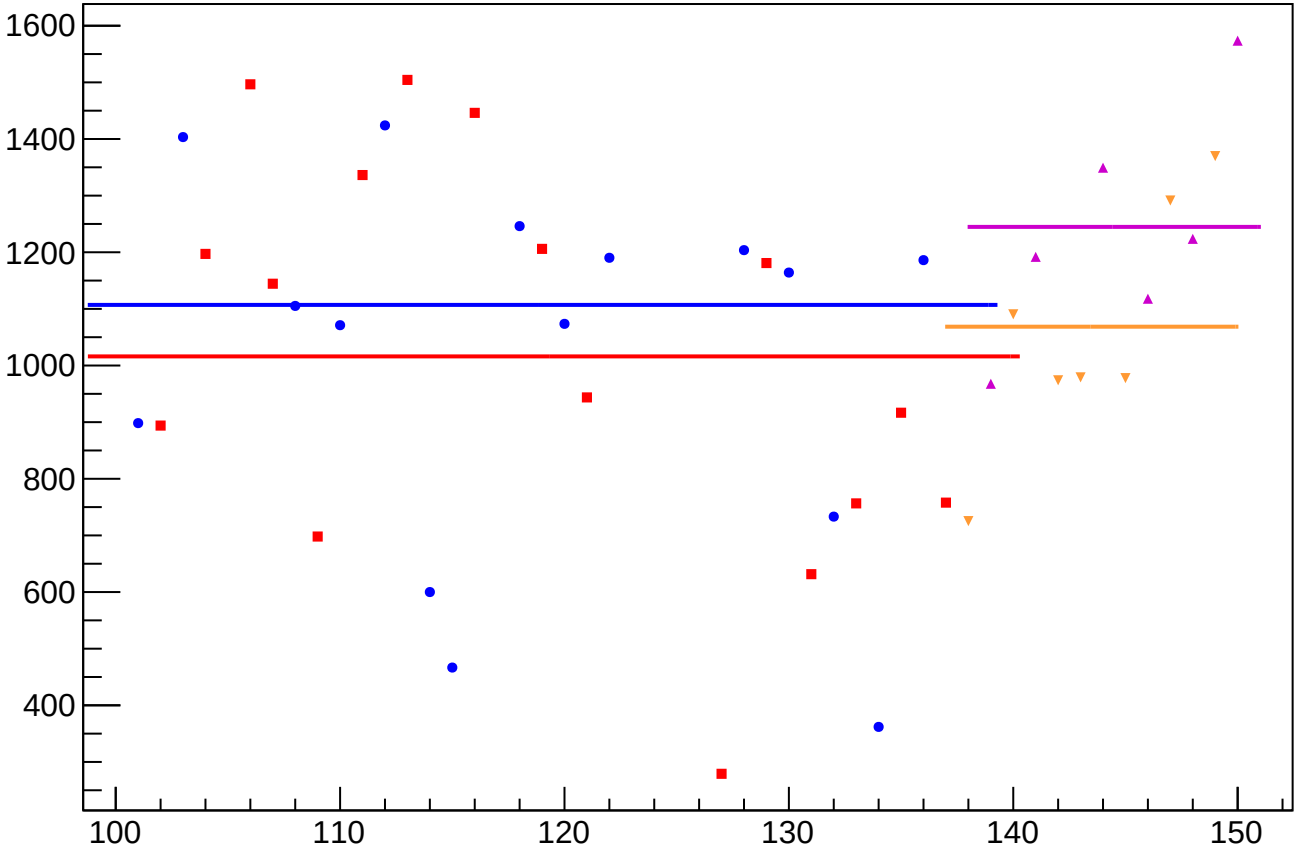
Left In: 477.871+/-0.000 χ^2/NDF:2693898029155967787602660581999378432.0/5

+ sign 491.664+/-0.000 χ^2/NDF: 702054753396672

All: 512.991+/-0.000 χ^2/NDF: 31810498073

- sign 534.046+/-0.000 χ^2/NDF: 246846533442745

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

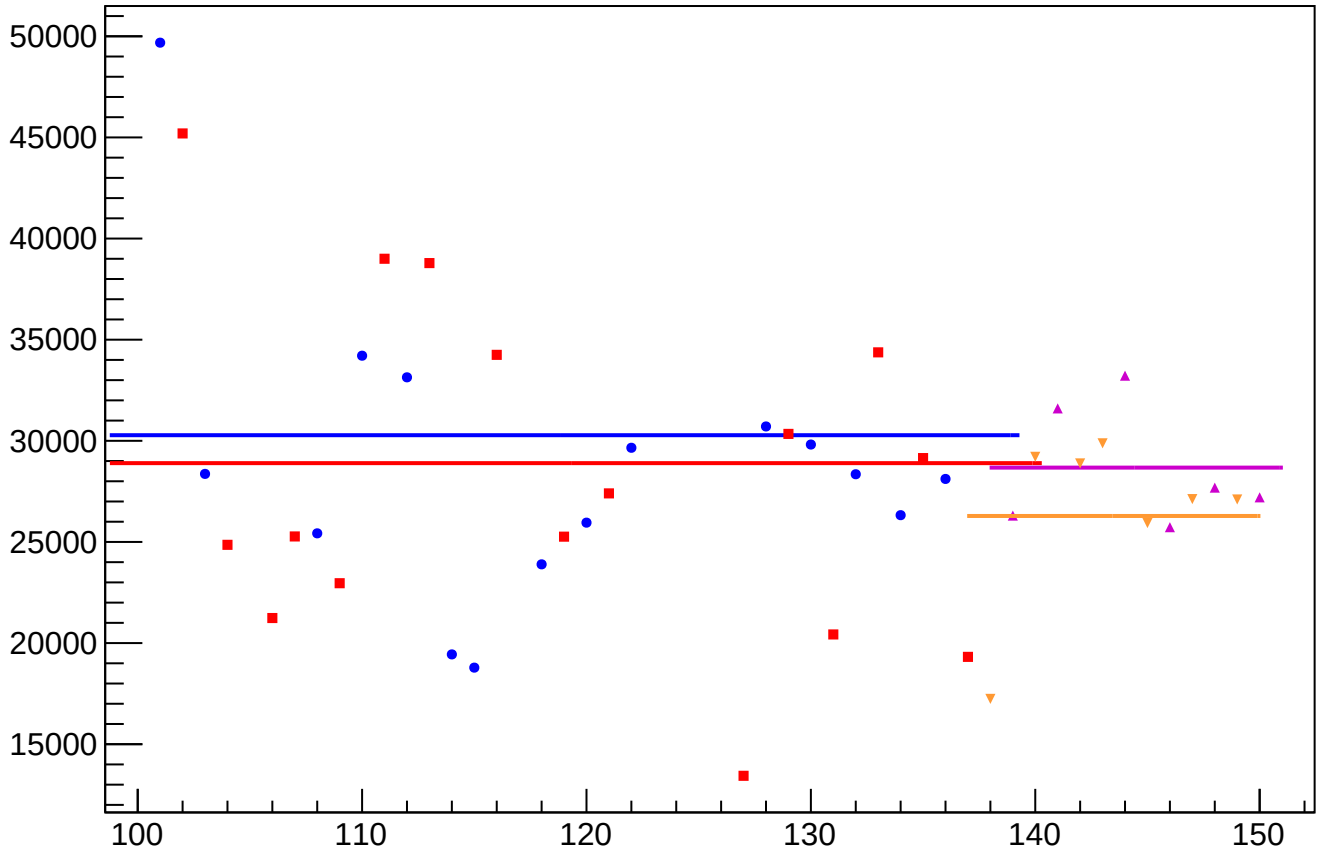
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011187 2.0/5

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Left Out: 26284.131+/-0.000 χ^2/NDF:8375895868399700575832494275935116197888.0/6

Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

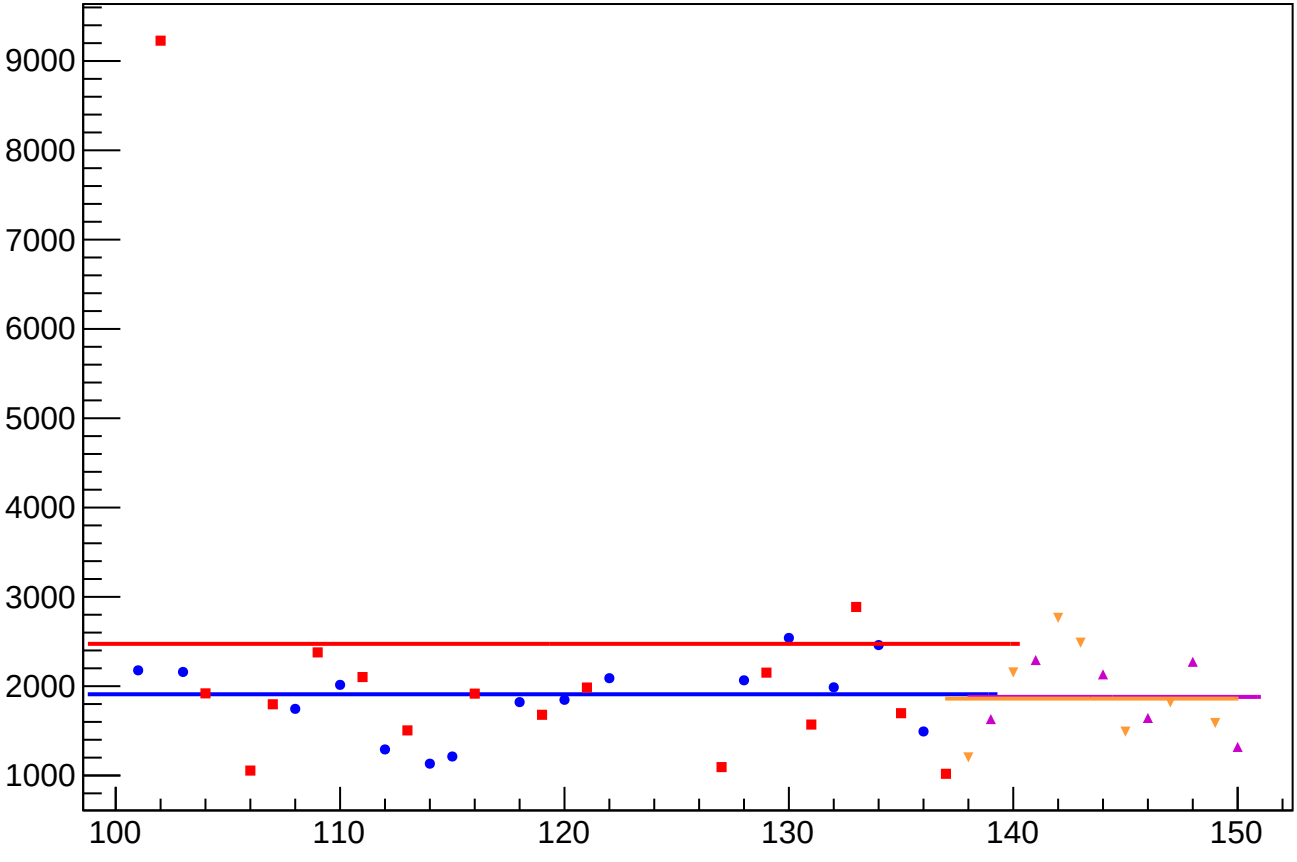
Left In: 28674.973+/-0.000 χ^2/NDF:4022132787925664360553717960836663738368.0/5

+ sign 28508.846+/-0.000 χ^2/NDF: 4393624146419

All: 28655.399+/-0.000 χ^2/NDF: 9499181047

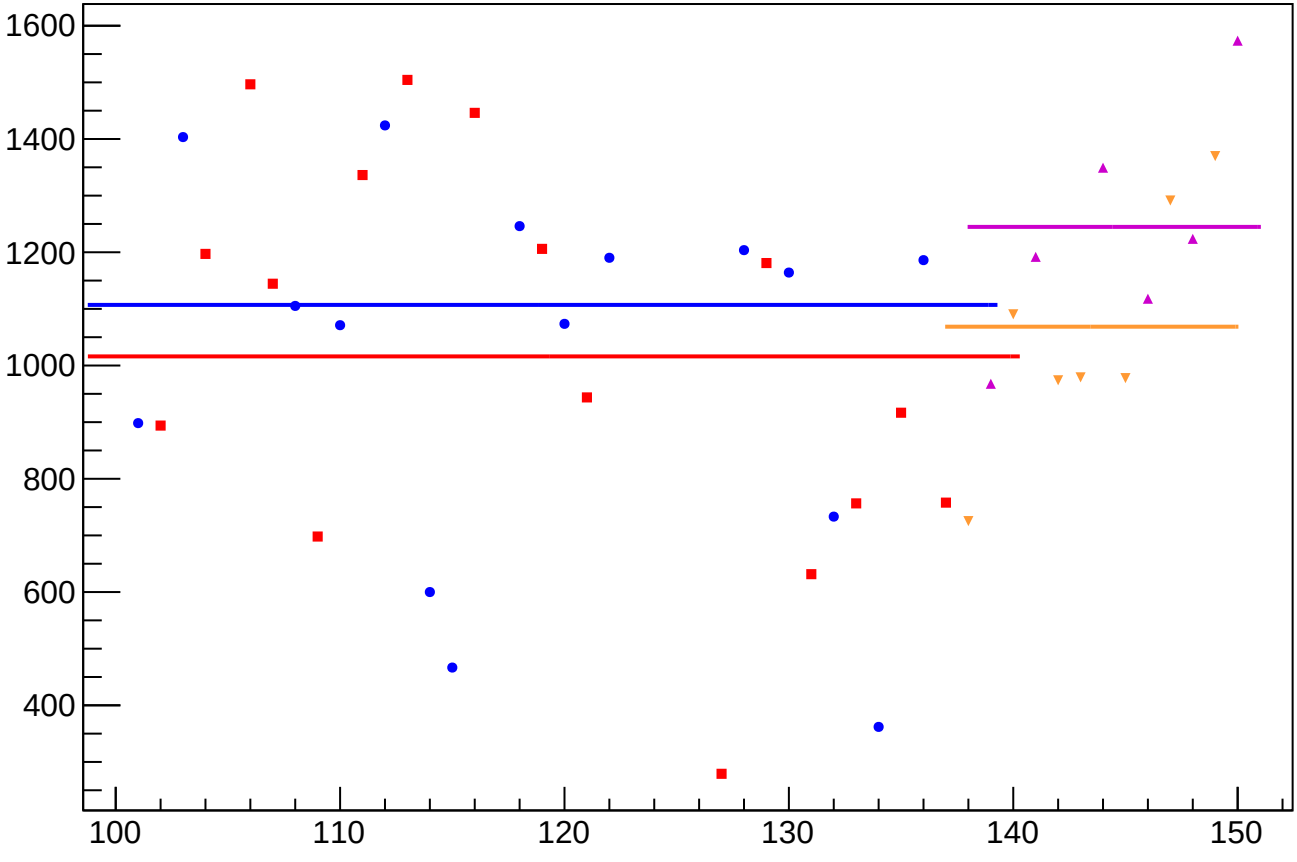
- sign 28800.089+/-0.000 χ^2/NDF: 5100584384823

dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1887.958+/-0.000 χ^2/NDF: 2105561120777 3
Left Out: 1860.946+/-0.000 χ^2/NDF:1222433194430452141748818438431661 09696.0/6
All: 2052.878+/-0.000 χ^2/NDF: 3481066397 5
Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038 6412544.0/15
- sign 2215.702+/-0.000 χ^2/NDF: 32075402293054
Left In: 1879.893+/-0.000 χ^2/NDF:712894785417907261579267910399950 84800.0/5

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

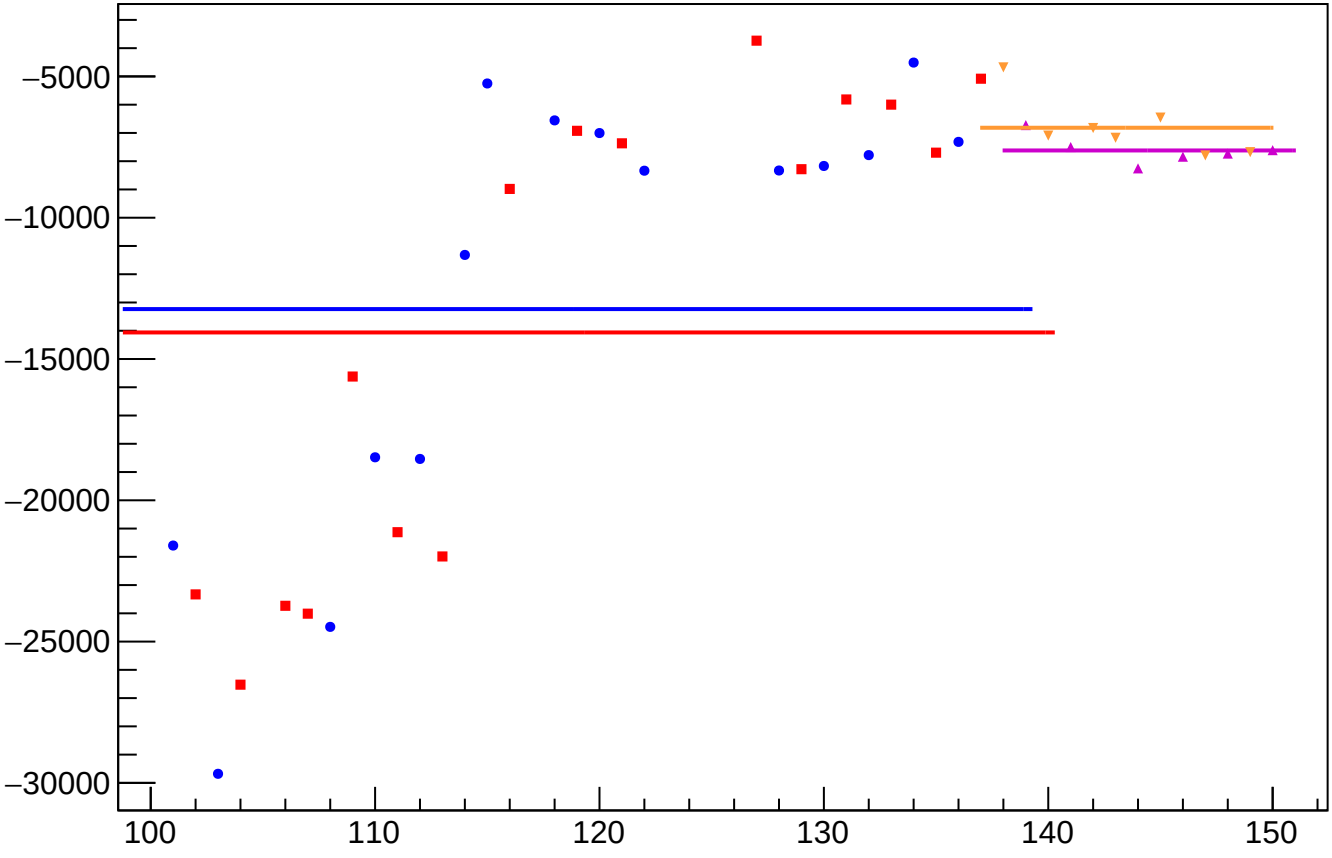
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

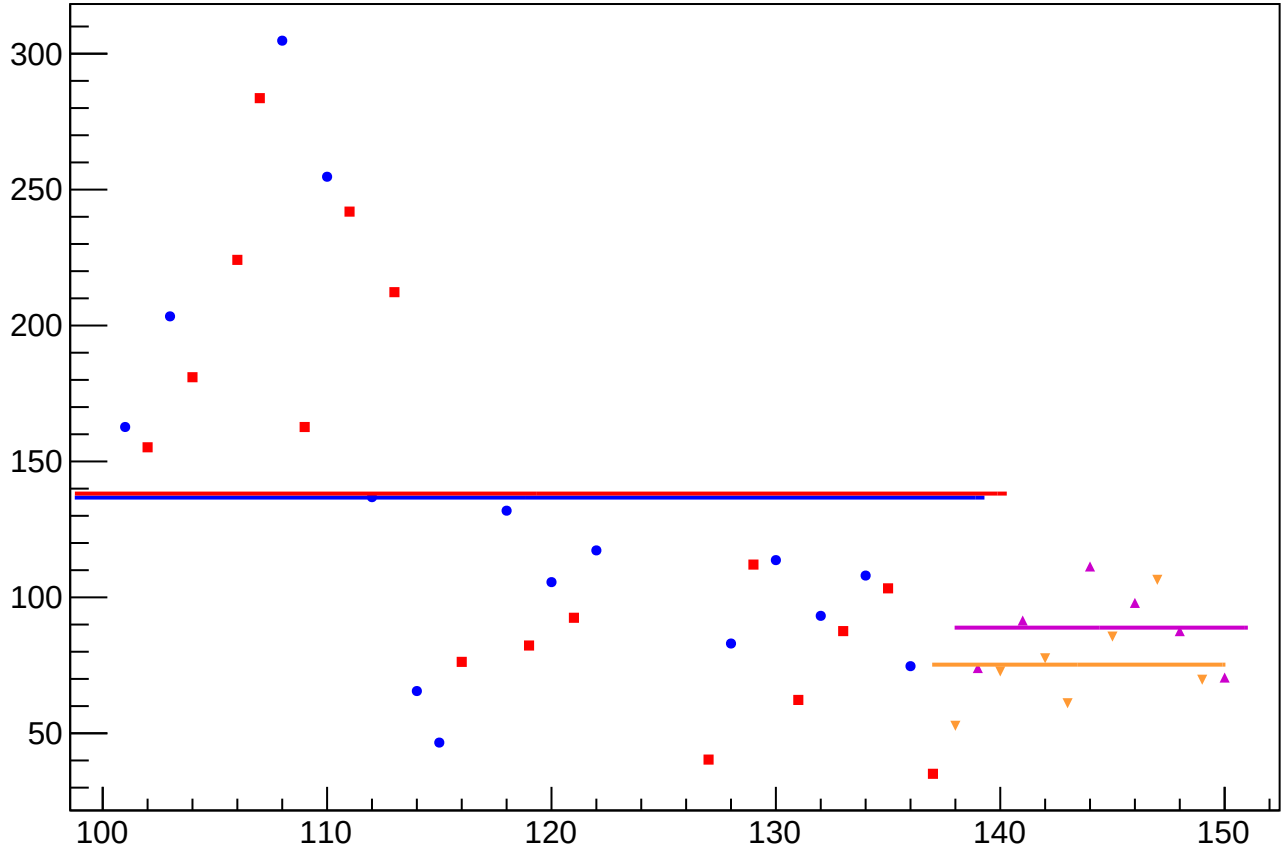
- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -10391.113+/-0.000 χ^2/NDF: 536128337884
Left Out: -6816.263+/-0.000 χ^2/NDF:5186538728162655239474705615768183111 68.0/6
All: -10828.440+/-0.000 χ^2/NDF: 110681067
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684 5184.0/15
- sign -11260.209+/-0.000 χ^2/NDF: 5662544081347
Left In: -7619.800+/-0.000 χ^2/NDF:1073866892826197001567227305156652564 48.0/5

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 109.488+/-0.000 χ^2/NDF: 391381094854315

Left Out: 75.249+/-0.000 χ^2/NDF:1408926122745951776434839784804843 52.0/6

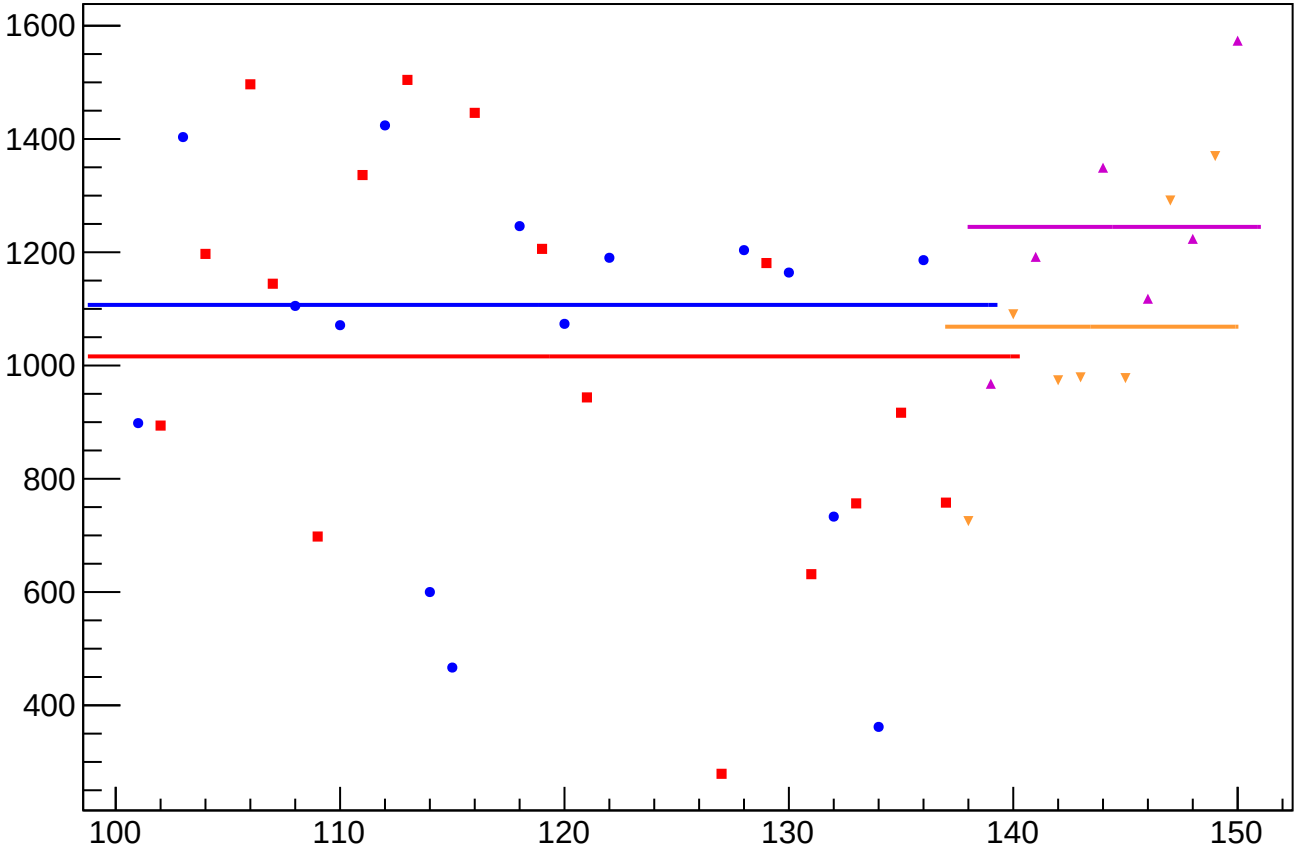
All: 113.136+/-0.000 χ^2/NDF: 798206416243

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

- sign 116.738+/-0.000 χ^2/NDF: 403744292141349

Left In: 88.860+/-0.000 χ^2/NDF:1012330078521101559090855922032967 68.0/5

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

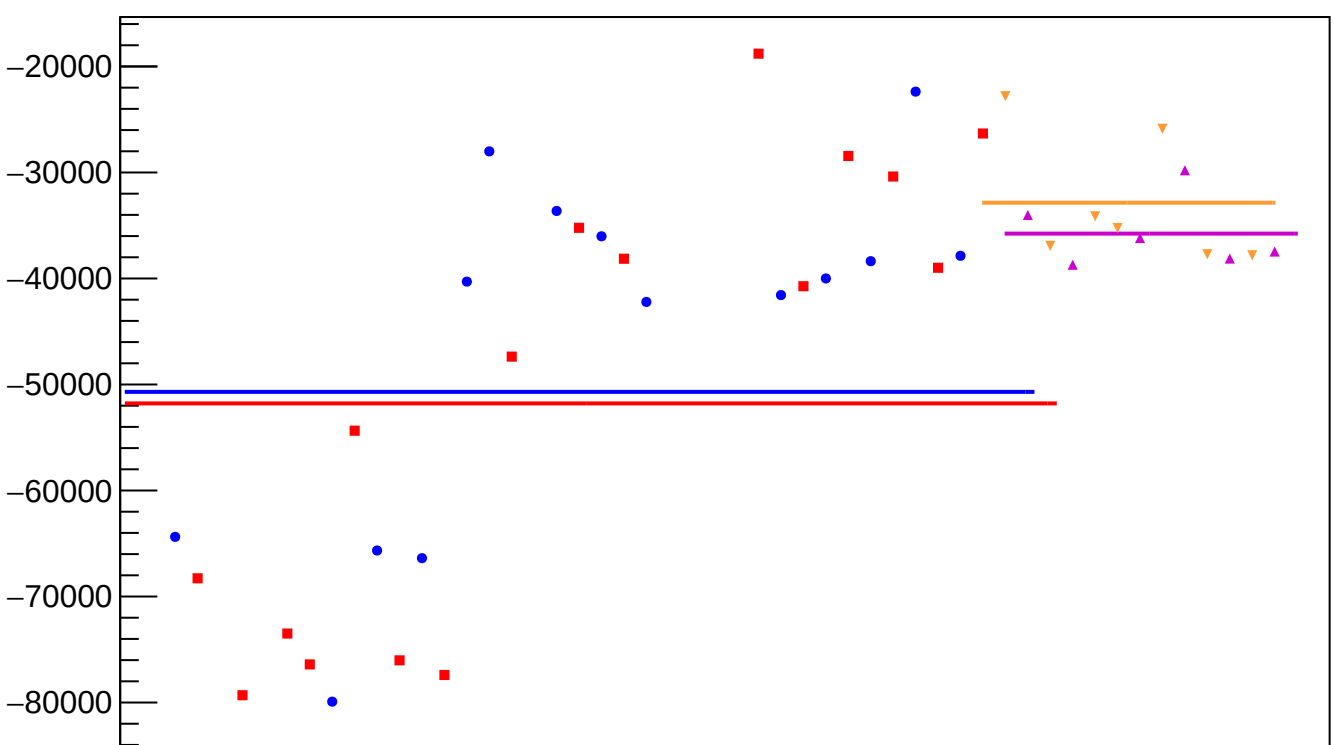
All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

+ sign -42791.907+/-0.000 χ^2/NDF: 335679828468

Left Out: -32851.243+/-0.000 χ^2/NDF:175366055870511527258283296792954221363 20.0/6

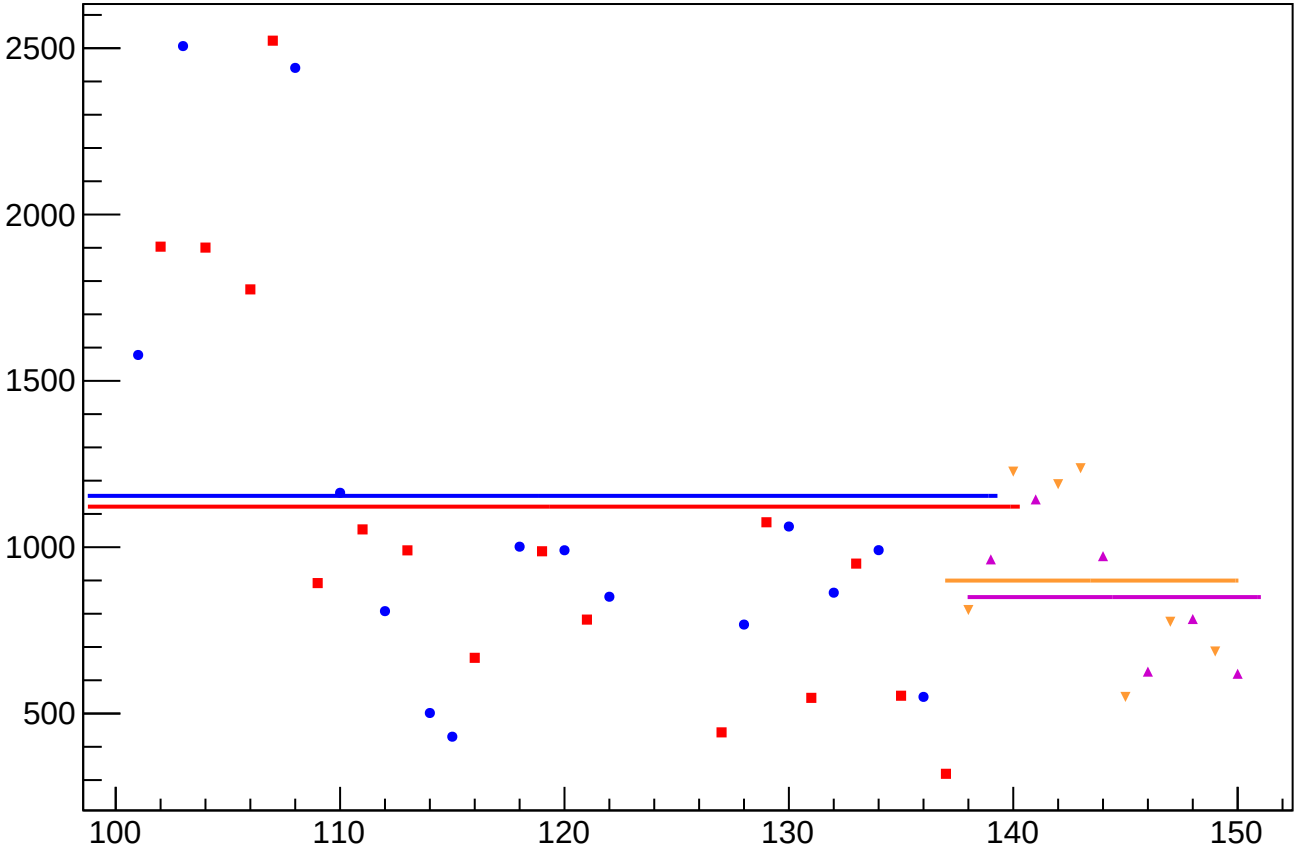
All: -43812.701+/-0.000 χ^2/NDF: 698962192

Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

- sign -44820.518+/-0.000 χ^2/NDF: 3608698891284

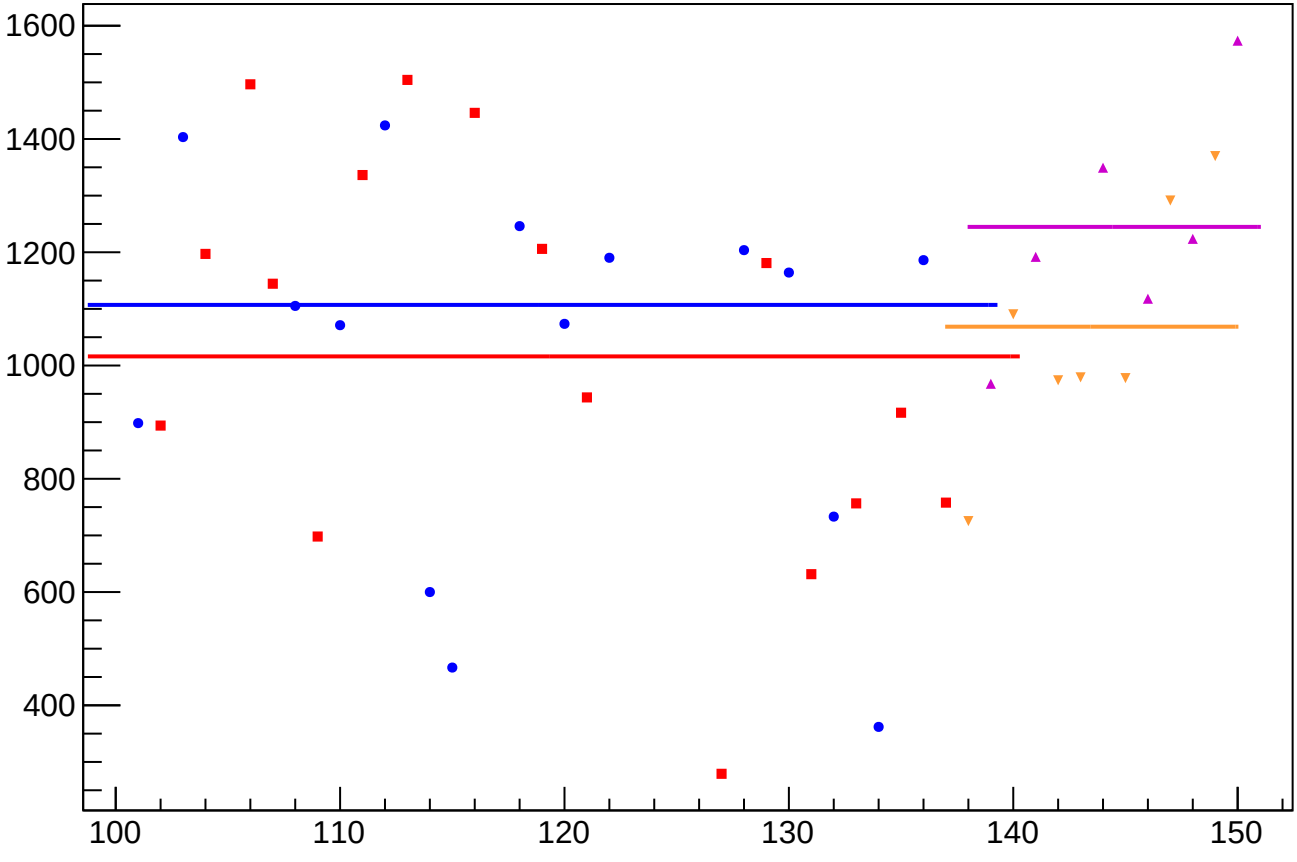
Left In: -35766.749+/-0.000 χ^2/NDF:46872190478962744938332105194907338014 72.0/5

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 1041.548+/-0.000 χ^2/NDF: 30373792173238
Left Out: 899.695+/-0.000 χ^2/NDF:3582904395756621964446098322704721510 4.0/6
All: 1022.521+/-0.000 χ^2/NDF: 5712525845 0
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 1003.737+/-0.000 χ^2/NDF: 26667655827040
Left In: 850.057+/-0.000 χ^2/NDF:1908304397319703958004396803725511884 8.0/5

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

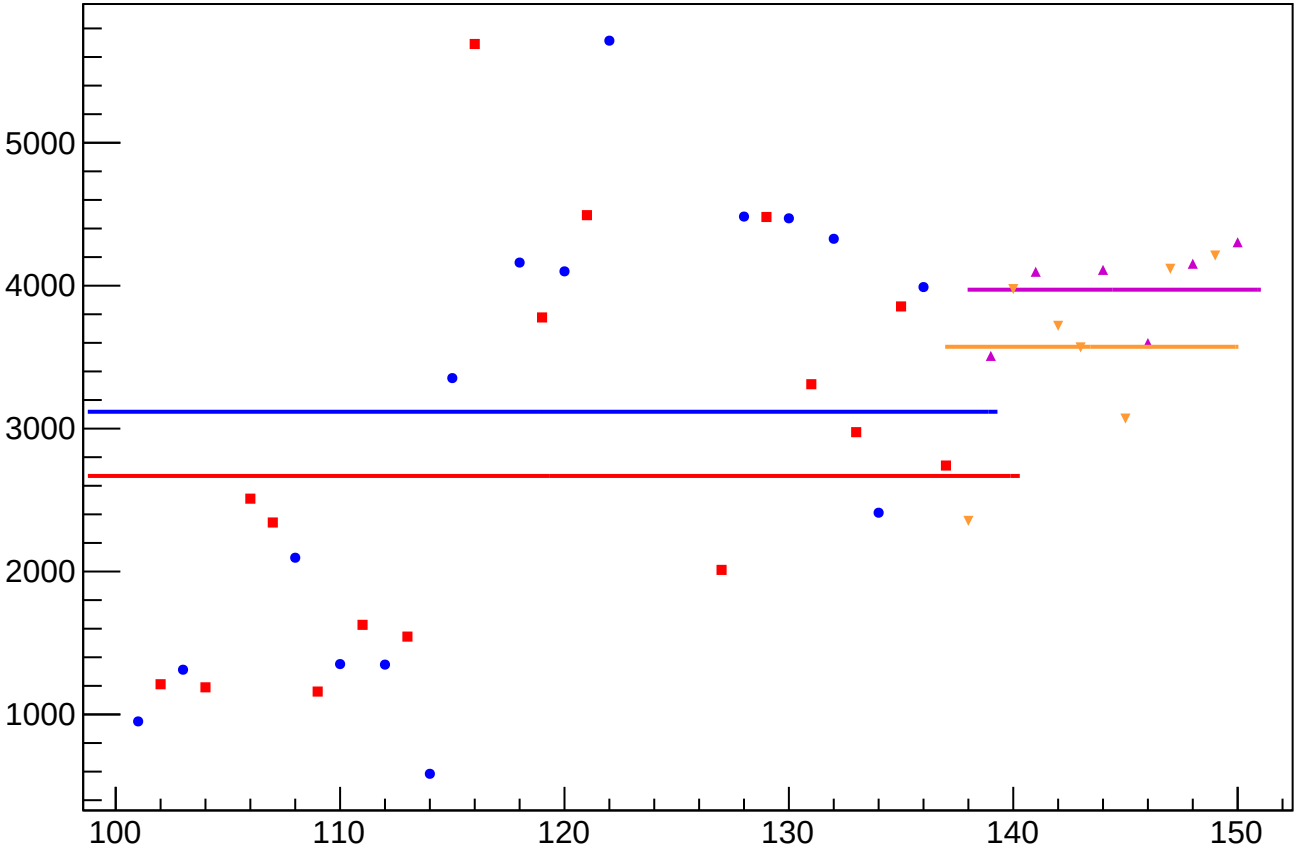
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

Left Out: 3572.575+/-0.000 χ^2/NDF:2080482951623518181726967614800333337344.0/6

Right Out: 2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15

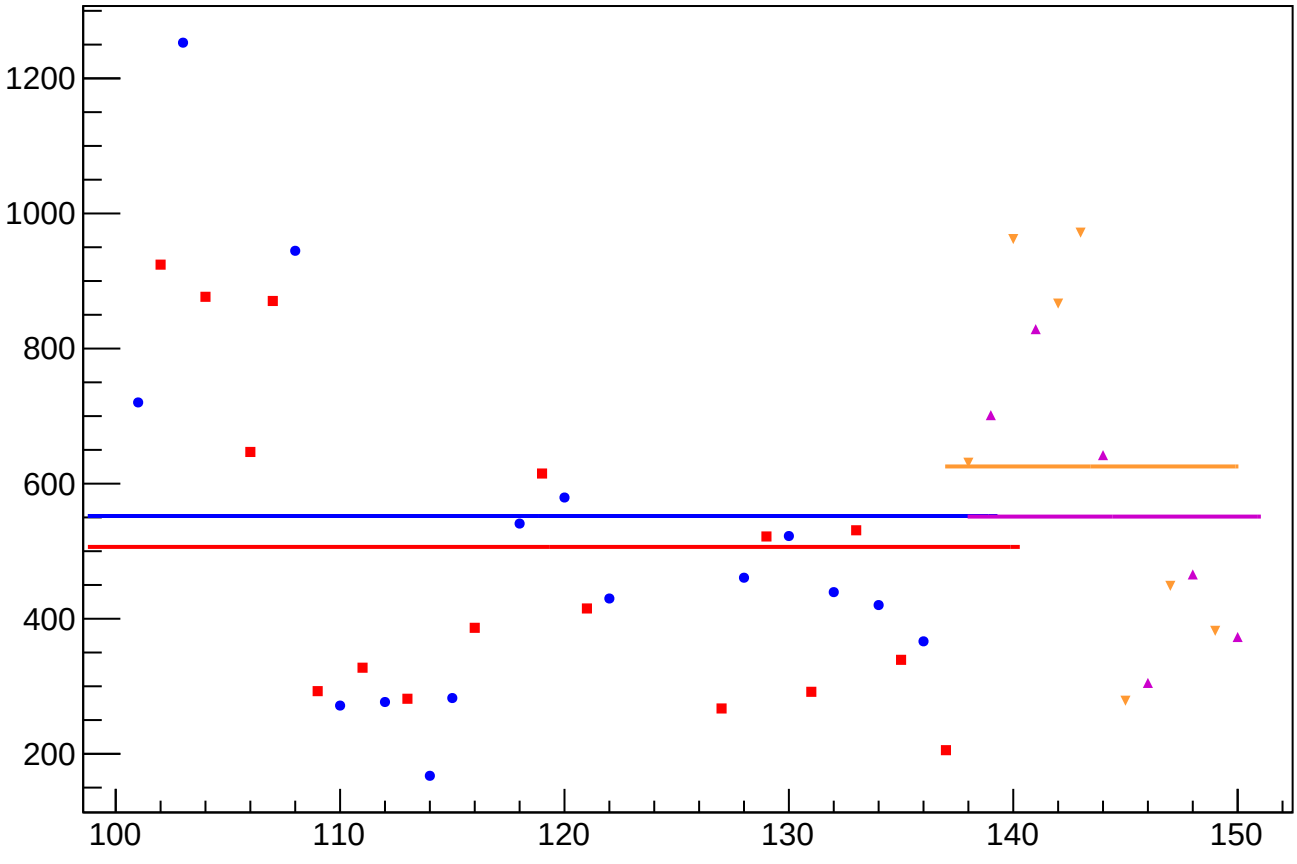
Left In: 3971.958+/-0.000 χ^2/NDF:4479229457302302587107283170387977830 4.0/5

+ sign 3319.291+/-0.000 χ^2/NDF: 18202084887088

All: 3277.047+/-0.000 χ^2/NDF: 3497985338

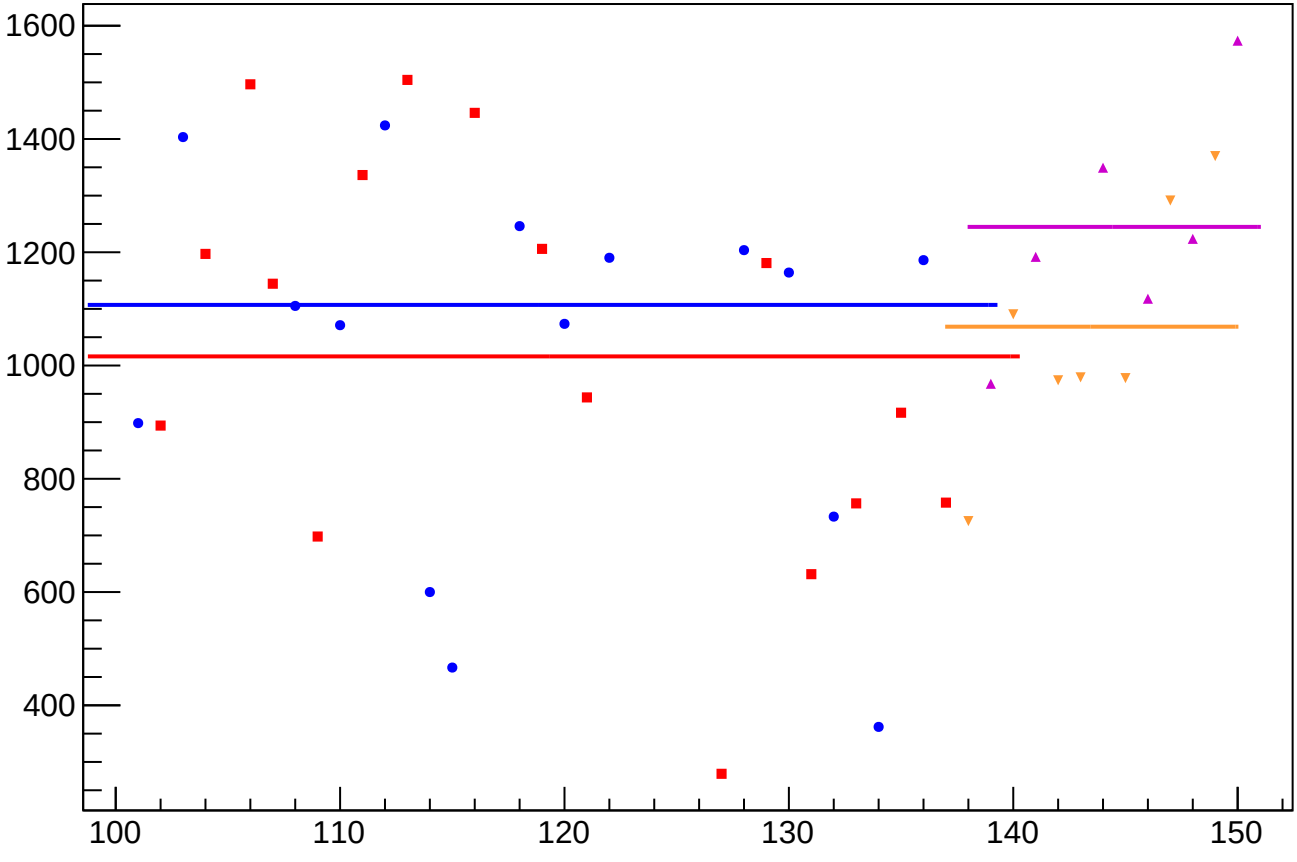
- sign 3235.339+/-0.000 χ^2/NDF: 16736451402769

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14
+ sign 584.596+/-0.000 χ^2/NDF: 894387379982513
Left Out: 625.458+/-0.000 χ^2/NDF:371531527360371174106980601580046254 08.0/6
All: 555.041+/-0.000 χ^2/NDF: 146878015424
Right Out: 506.345+/-0.000 χ^2/NDF: 371816532973148835016591318060105728 00.0/15
- sign 525.862+/-0.000 χ^2/NDF: 554170134430078
Left In: 551.239+/-0.000 χ^2/NDF:176509421847801245180313596292570808 32.0/5

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

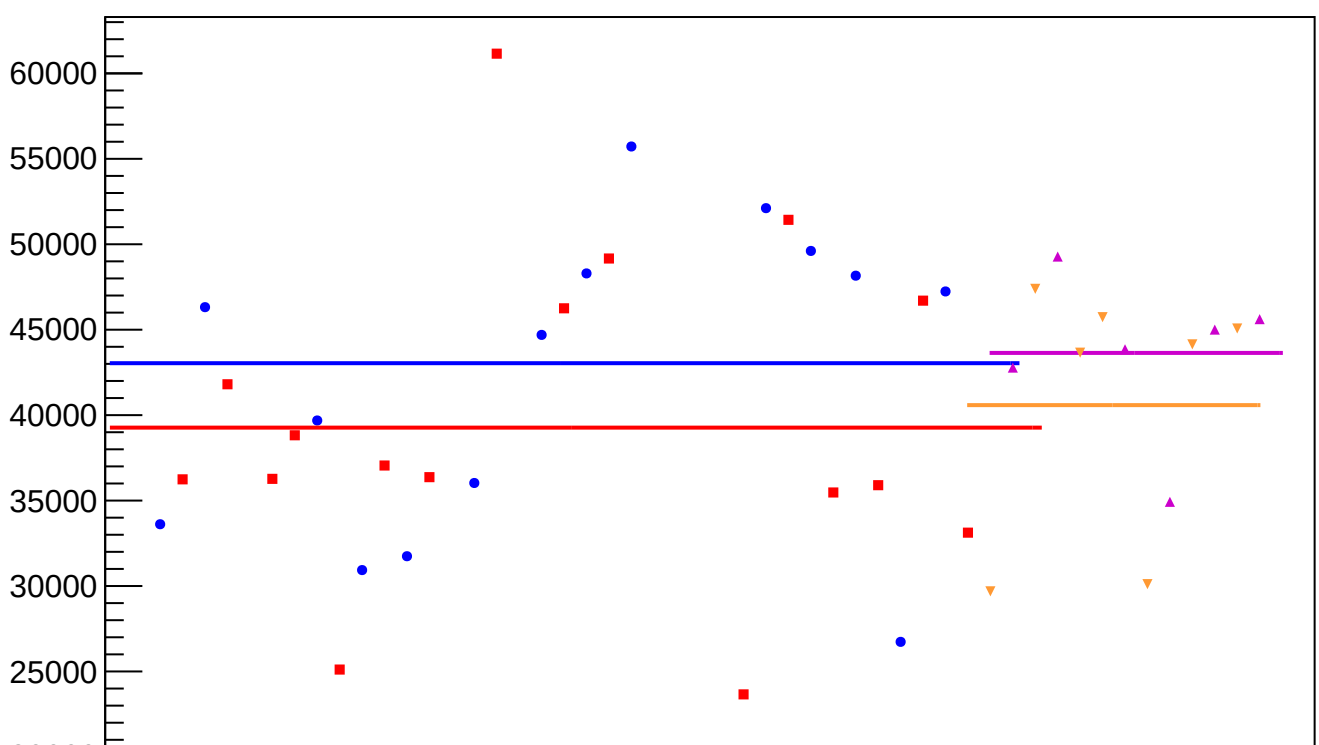
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

Left Out: 40585.798+/-0.000 χ^2/NDF:2683507495870998592818161080182100721664 0.0/6

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

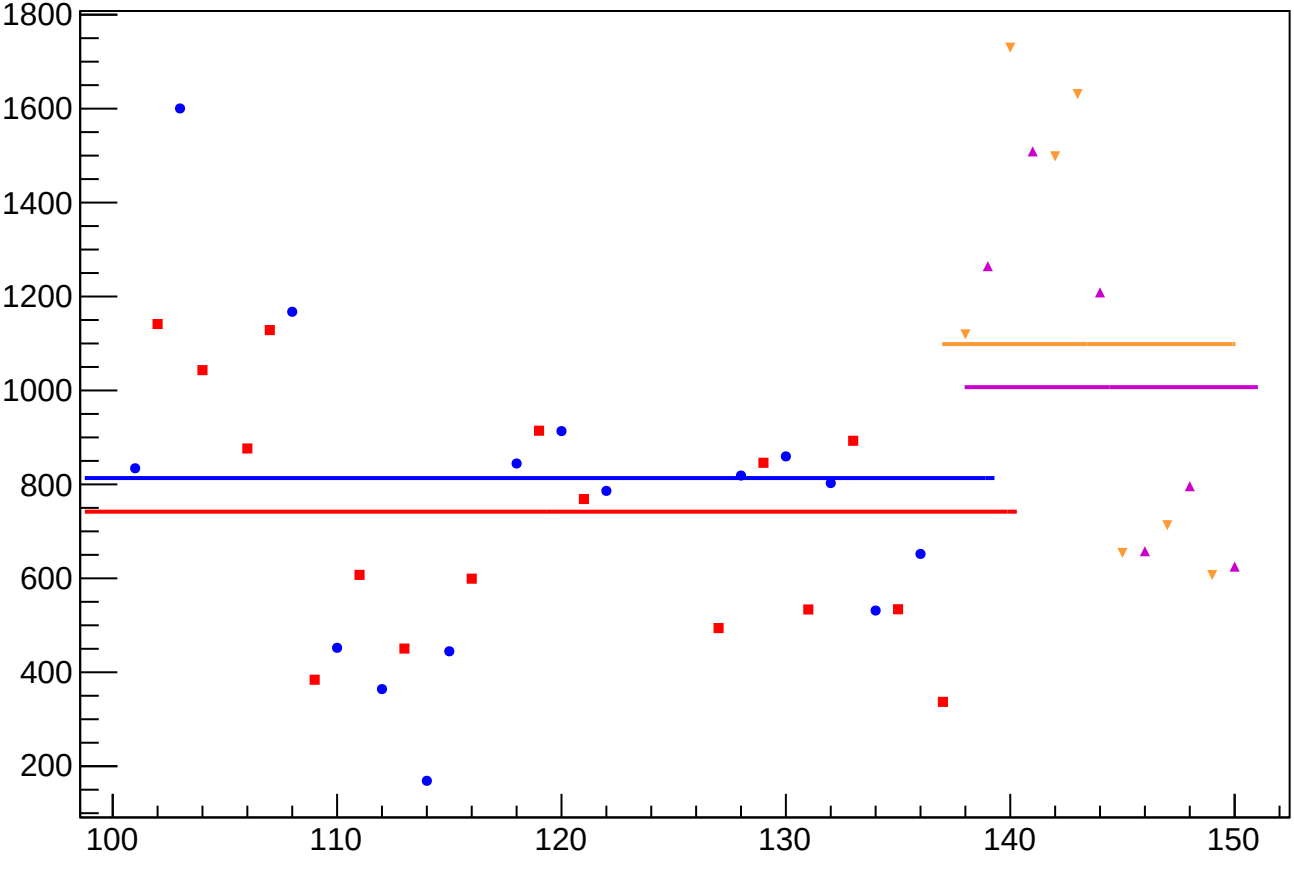
Left In: 43641.443+/-0.000 χ^2/NDF:9579875464954673944967246649728148963328.0/5

+ sign 41952.948+/-0.000 χ^2/NDF: 7696339246922

All: 41559.098+/-0.000 χ^2/NDF: 1443176675

- sign 41170.255+/-0.000 χ^2/NDF: 6699514861888

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 1098.738+/-0.000 χ^2/NDF:1069481328533472471321352201073495 90016.0/6

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

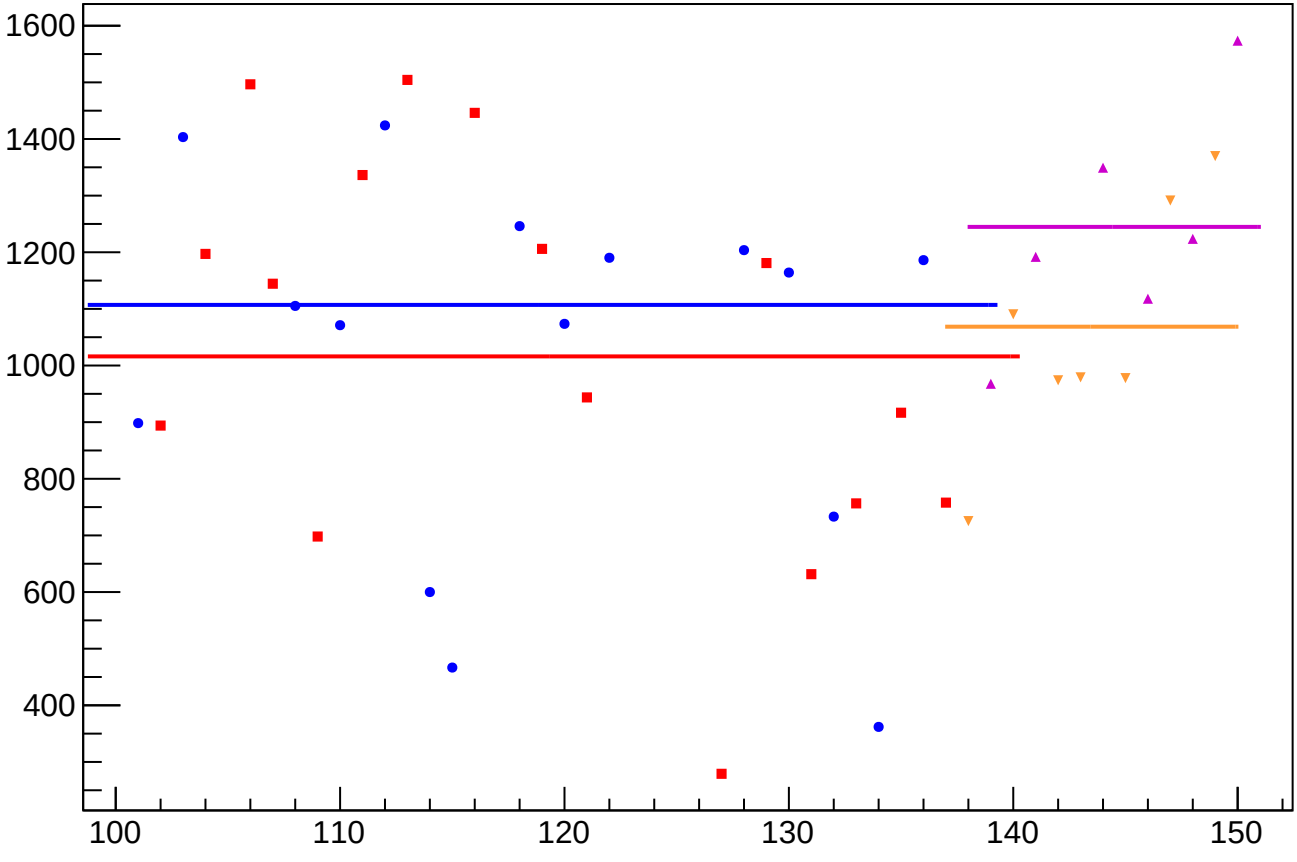
Left In: 1007.063+/-0.000 χ^2/NDF:5755724977796839804110064494313891 4304.0/5

+ sign 939.837+/-0.000 χ^2/NDF: 19745641765635 4

All: 898.247+/-0.000 χ^2/NDF: 3234794011 86

- sign 857.185+/-0.000 χ^2/NDF: 122018206147384

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

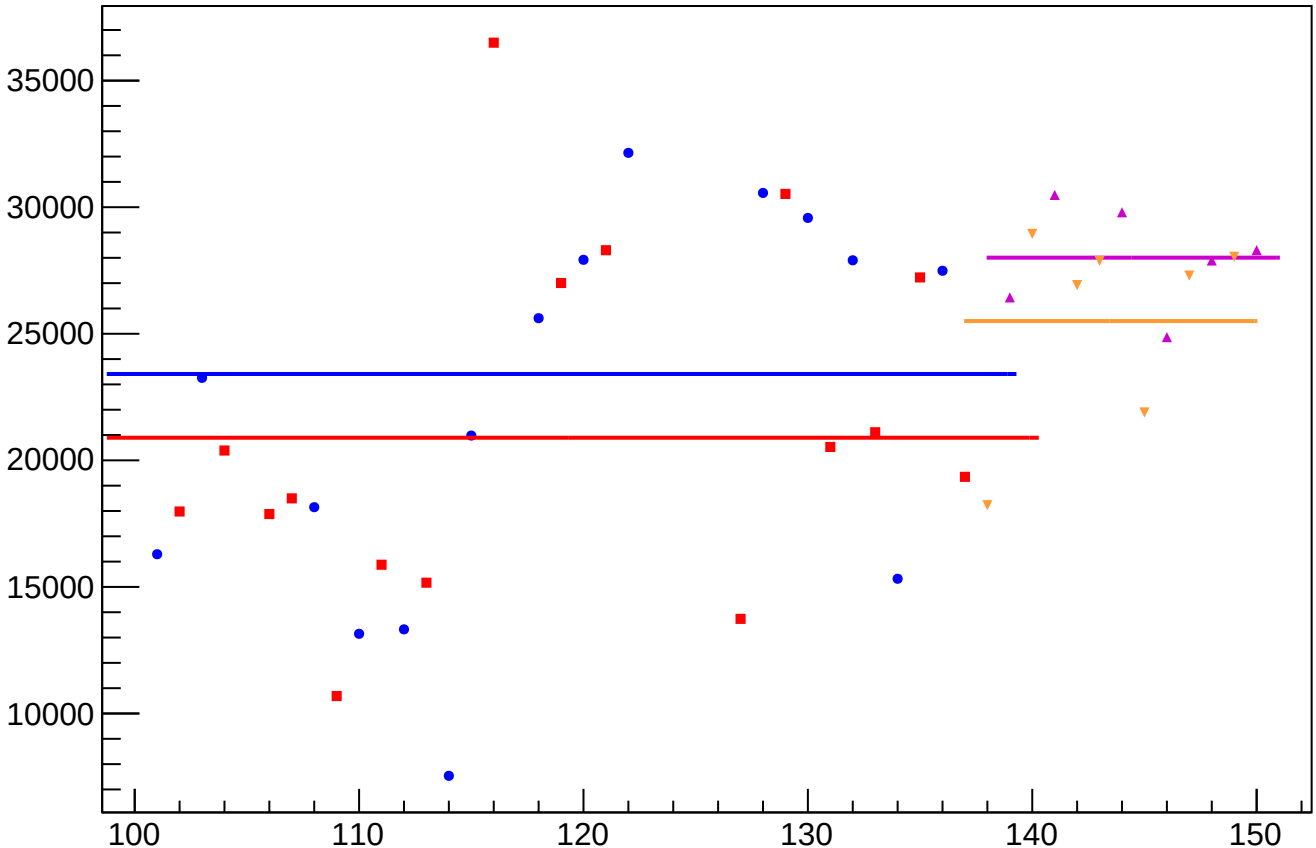
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 25503.009+/-0.000 χ^2/NDF:741935507857413891109281248050156457164 8.0/6

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

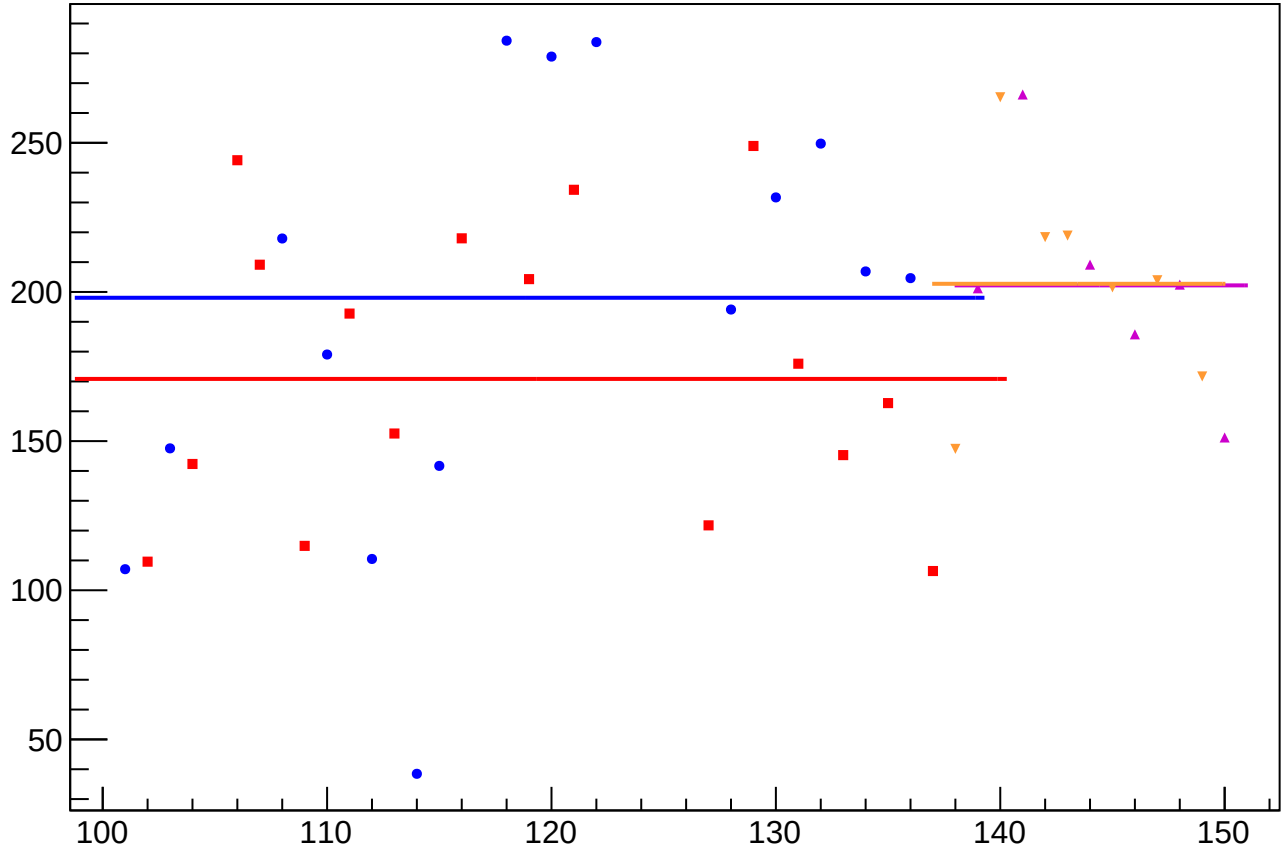
Left In: 28006.844+/-0.000 χ^2/NDF:183406372605418972515068956385473252556 8.0/5

+ sign 24337.871+/-0.000 χ^2/NDF: 371042461613 1

All: 24160.985+/-0.000 χ^2/NDF: 810898093 7

- sign 23986.348+/-0.000 χ^2/NDF: 4391312403222

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 202.736+/-0.000 χ^2/NDF:669493876817420279309588988174532608.0/6

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

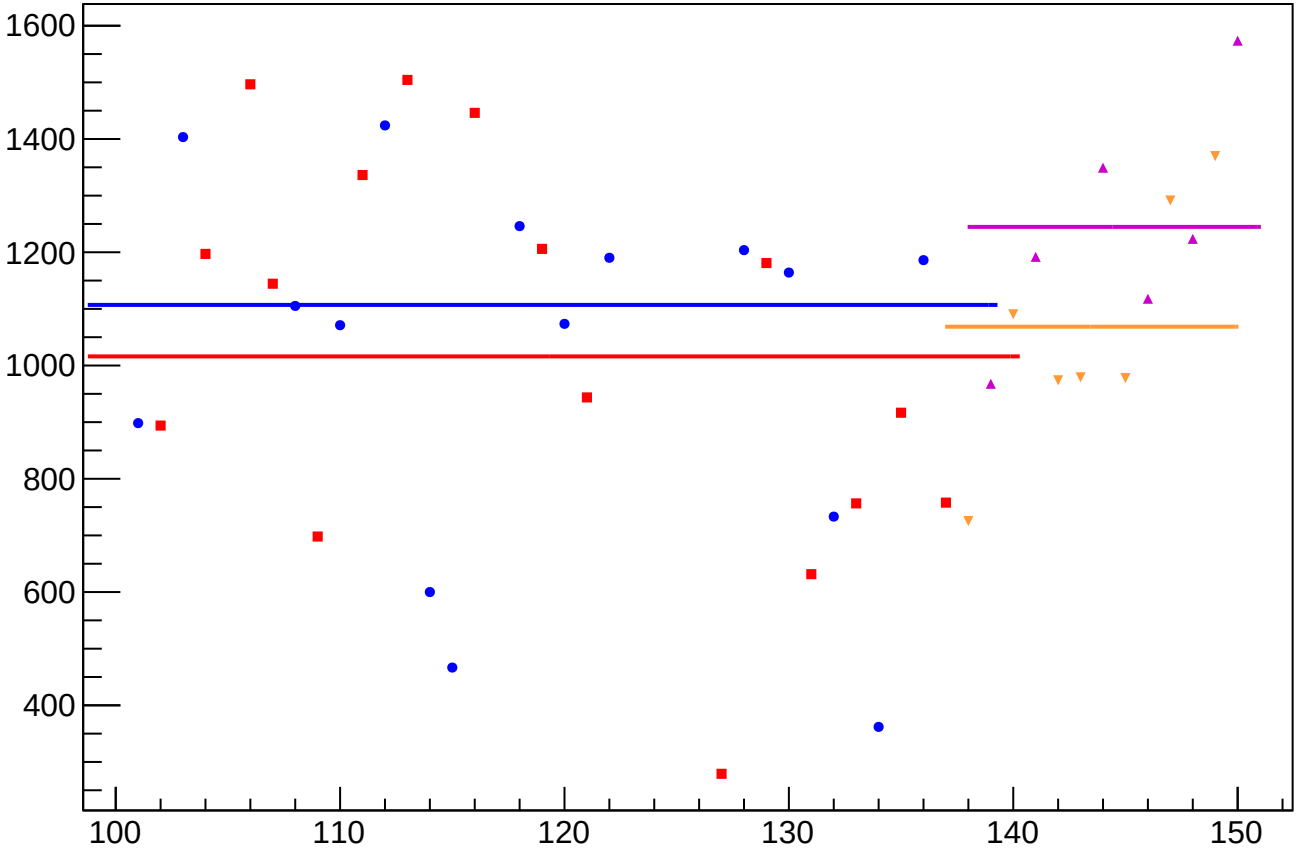
Left In: 202.207+/-0.000 χ^2/NDF:611408857944287579306394847184683008.0/5

+ sign 200.129+/-0.000 χ^2/NDF: 31587198463117

All: 192.256+/-0.000 χ^2/NDF: 56170419317

- sign 184.483+/-0.000 χ^2/NDF: 231482652073331

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

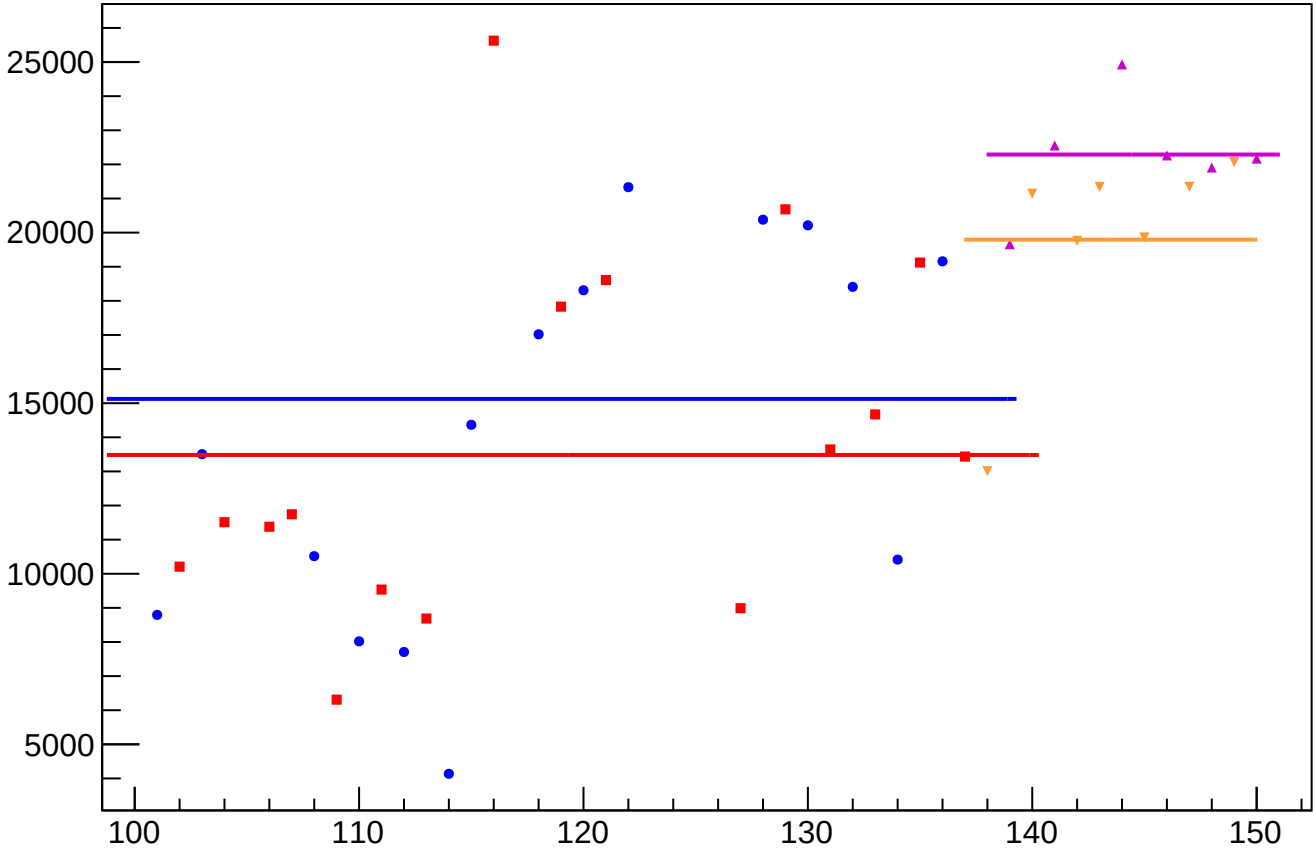
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Left Out: 19793.686+/-0.000 χ^2/NDF:4523019456955194648979426408346888962048.0/6

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

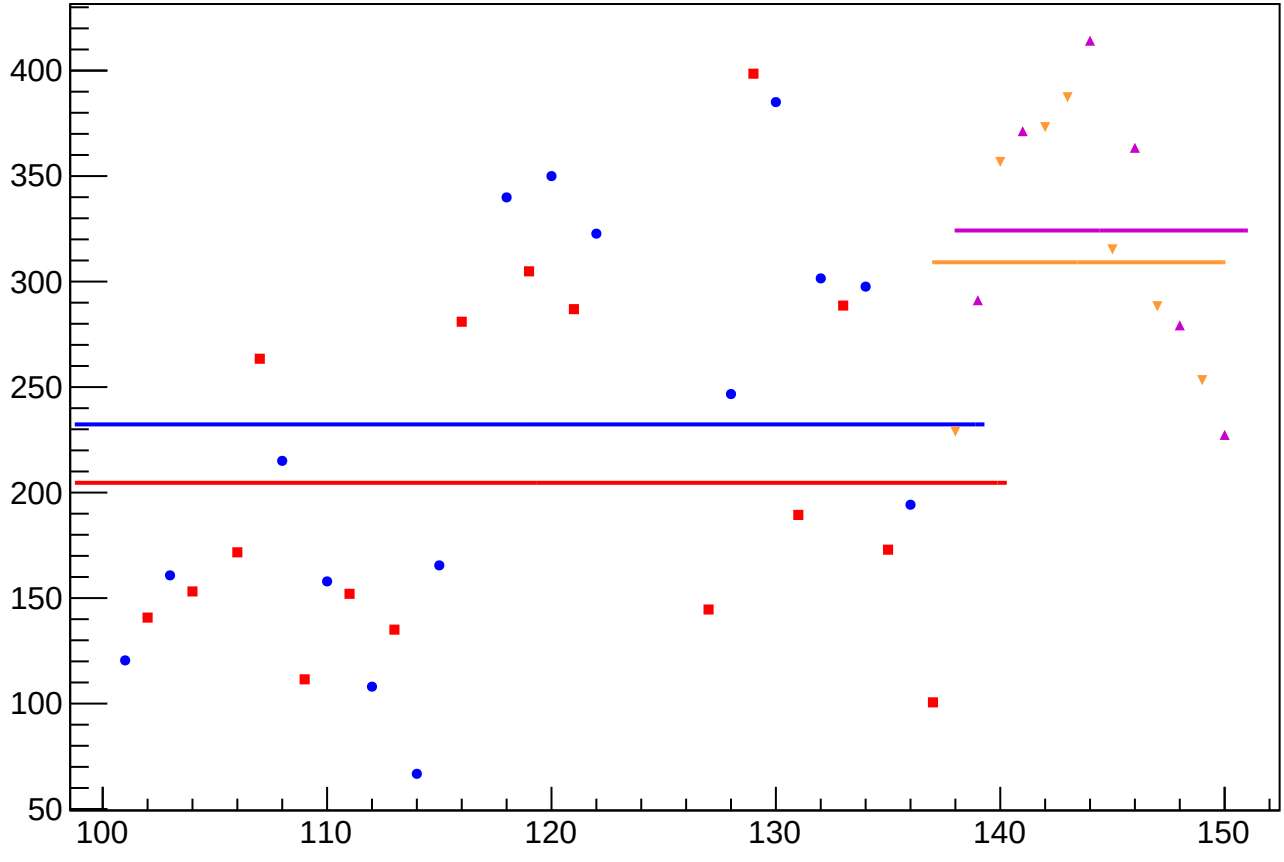
Left In: 22289.110+/-0.000 χ^2/NDF:12009617937303365091491236151064809963 52.0/5

+ sign 17193.312+/-0.000 χ^2/NDF: 2740175121623

All: 17252.528+/-0.000 χ^2/NDF: 6701200956

- sign 17310.992+/-0.000 χ^2/NDF: 3960213994777

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Left Out: 309.153+/-0.000 χ^2/NDF:1584774954630553989171409070208319488.0/6

Right Out: 204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

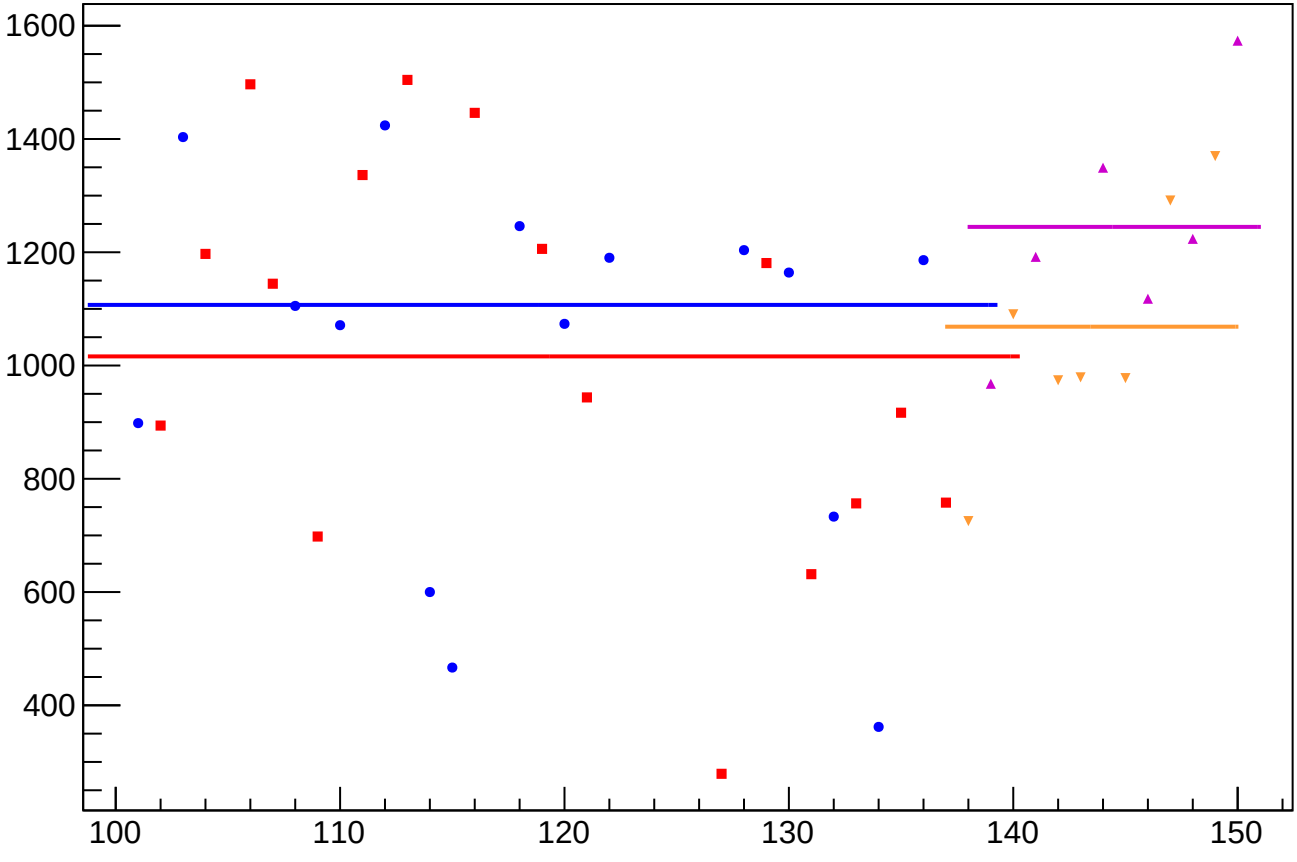
Left In: 324.204+/-0.000 χ^2/NDF:2148228643887272814032798056701755392.0/5

+ sign 266.347+/-0.000 χ^2/NDF: 876025828855936

All: 261.451+/-0.000 χ^2/NDF: 19664595508

- sign 256.618+/-0.000 χ^2/NDF: 108488572831562

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

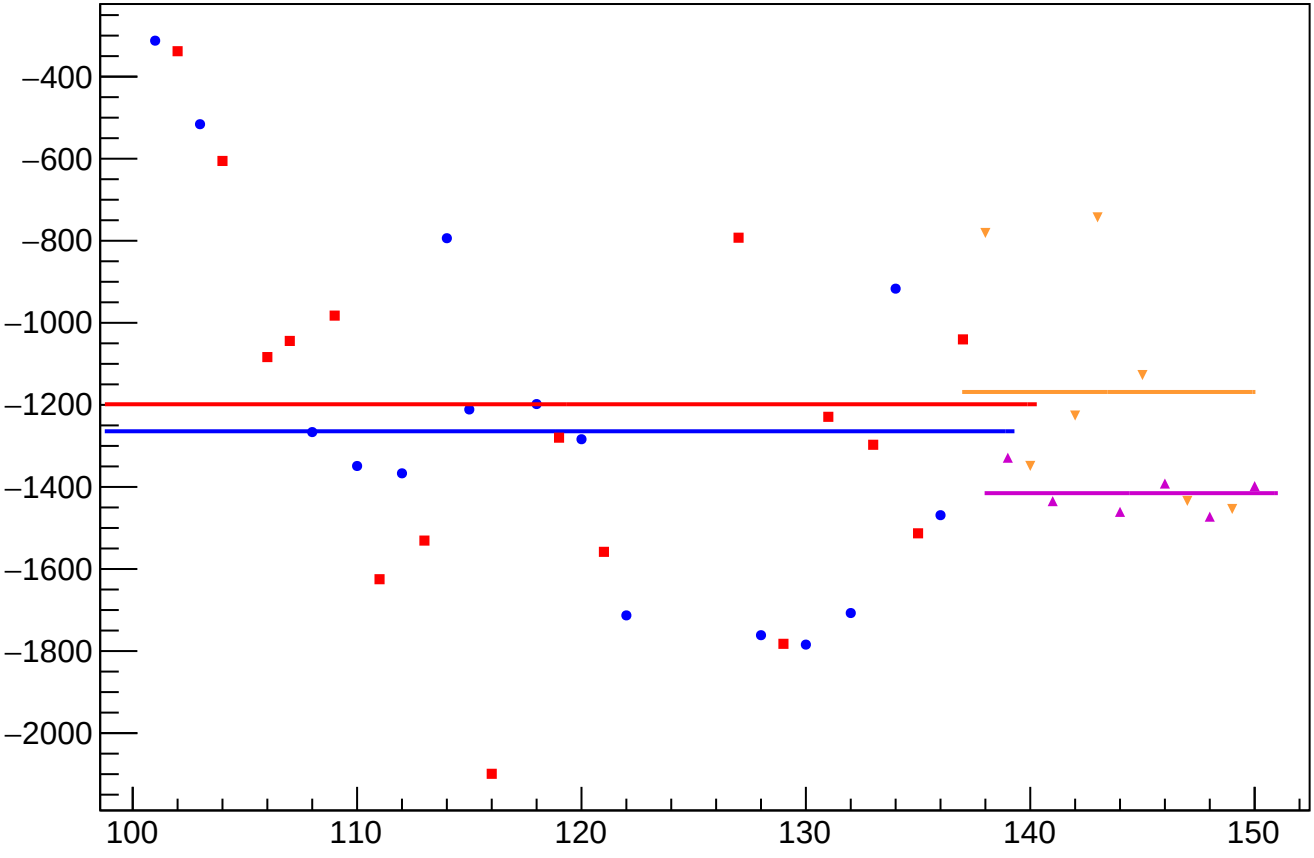
All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14

Left Out: -1168.522+/-0.000 χ^2/NDF:3912999802082582772965170578190237 6960.0/6

Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671 33184.0/15

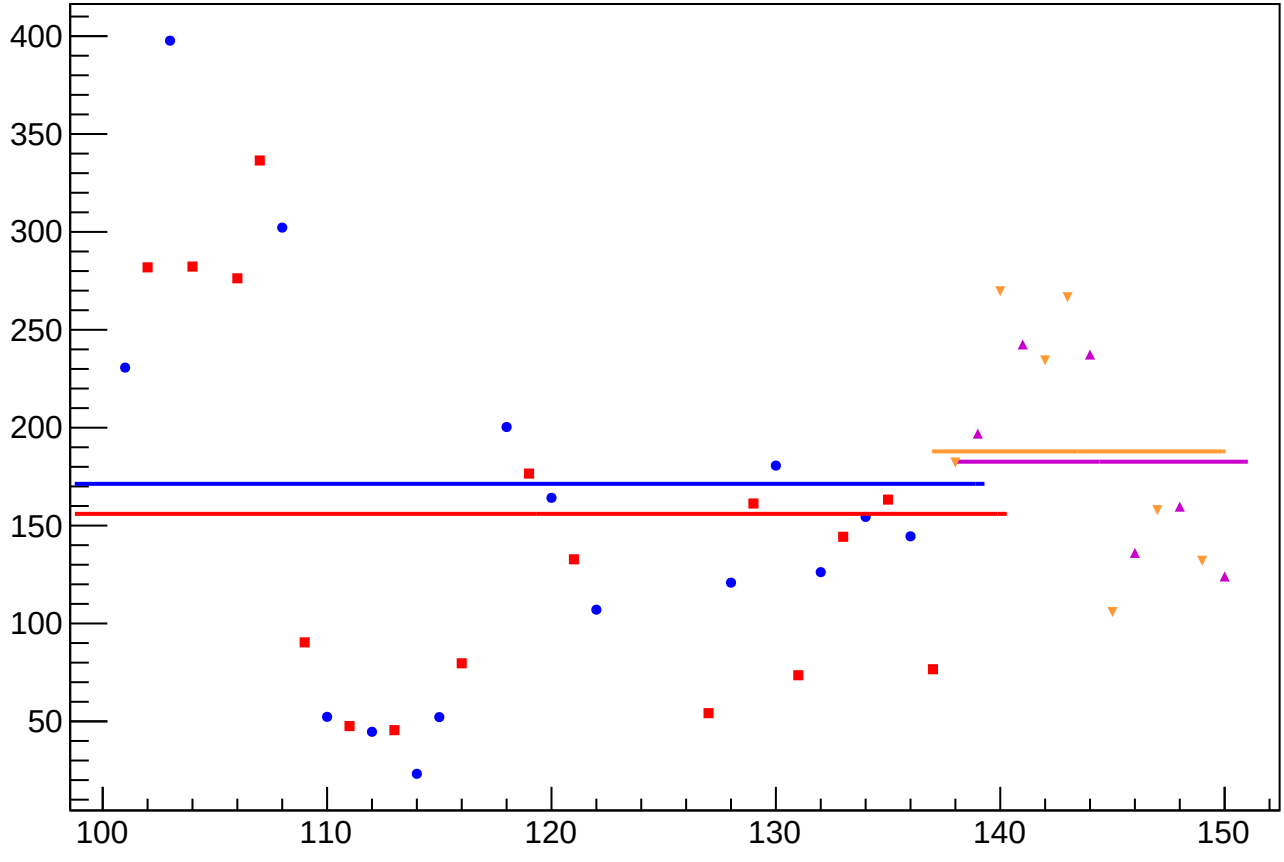
Left In: -1415.148+/-0.000 χ^2/NDF:1169961848052481871573825157368643584.0/5

+ sign -1221.879+/-0.000 χ^2/NDF: 1819823439202

All: -1257.505+/-0.000 χ^2/NDF: 3308678417

- sign -1292.677+/-0.000 χ^2/NDF: 1459471444487 2

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Left Out: 187.888+/-0.000 χ^2/NDF:194338044377950353117506915475338035 2.0/6

Right Out: 155.993+/-0.000 χ^2/NDF: 568065928150459585202152472724478361 6.0/15

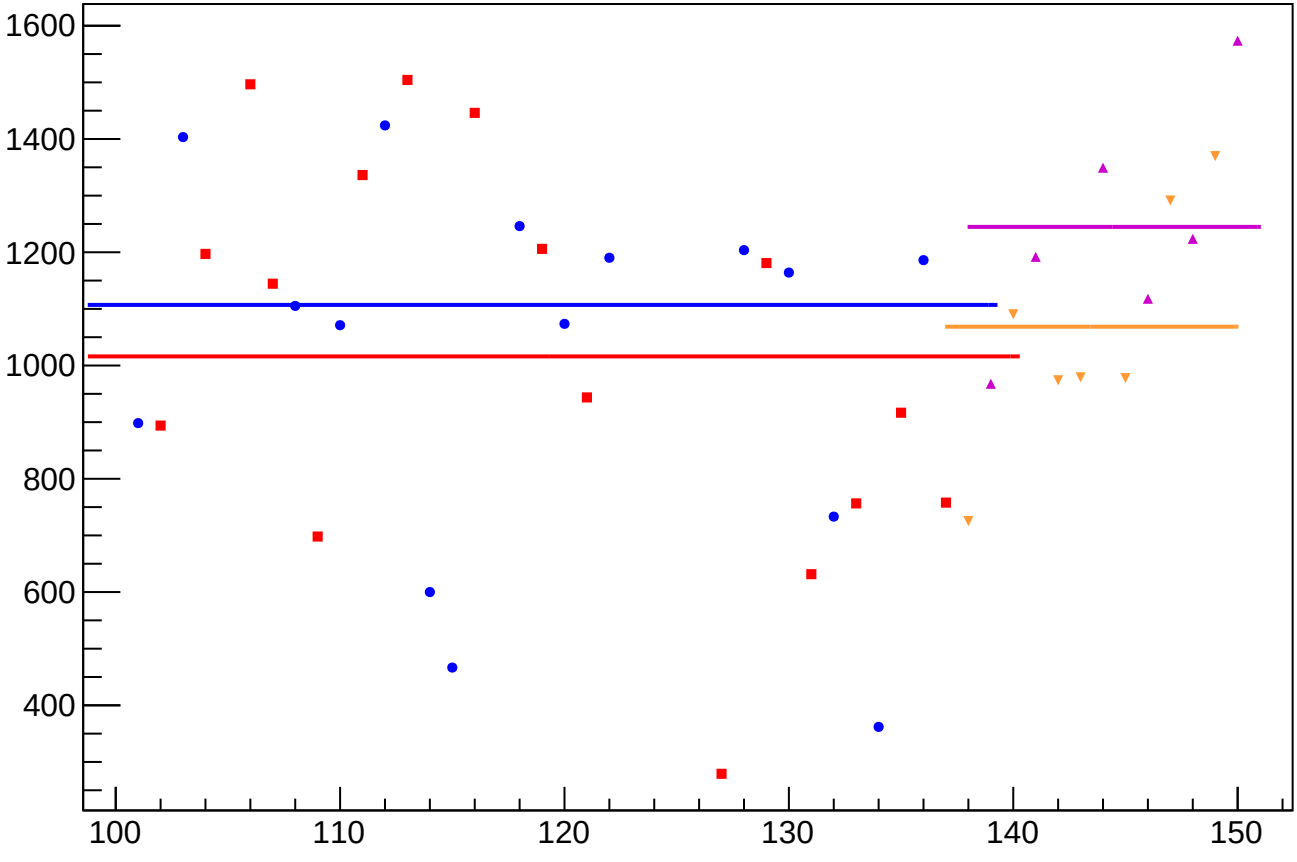
Left In: 182.627+/-0.000 χ^2/NDF:112542359273198218200214500132729651 2.0/5

+ sign 178.660+/-0.000 χ^2/NDF: 814323560618423

All: 173.081+/-0.000 χ^2/NDF: 15227076650 5

- sign 167.572+/-0.000 χ^2/NDF: 701177652457932

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

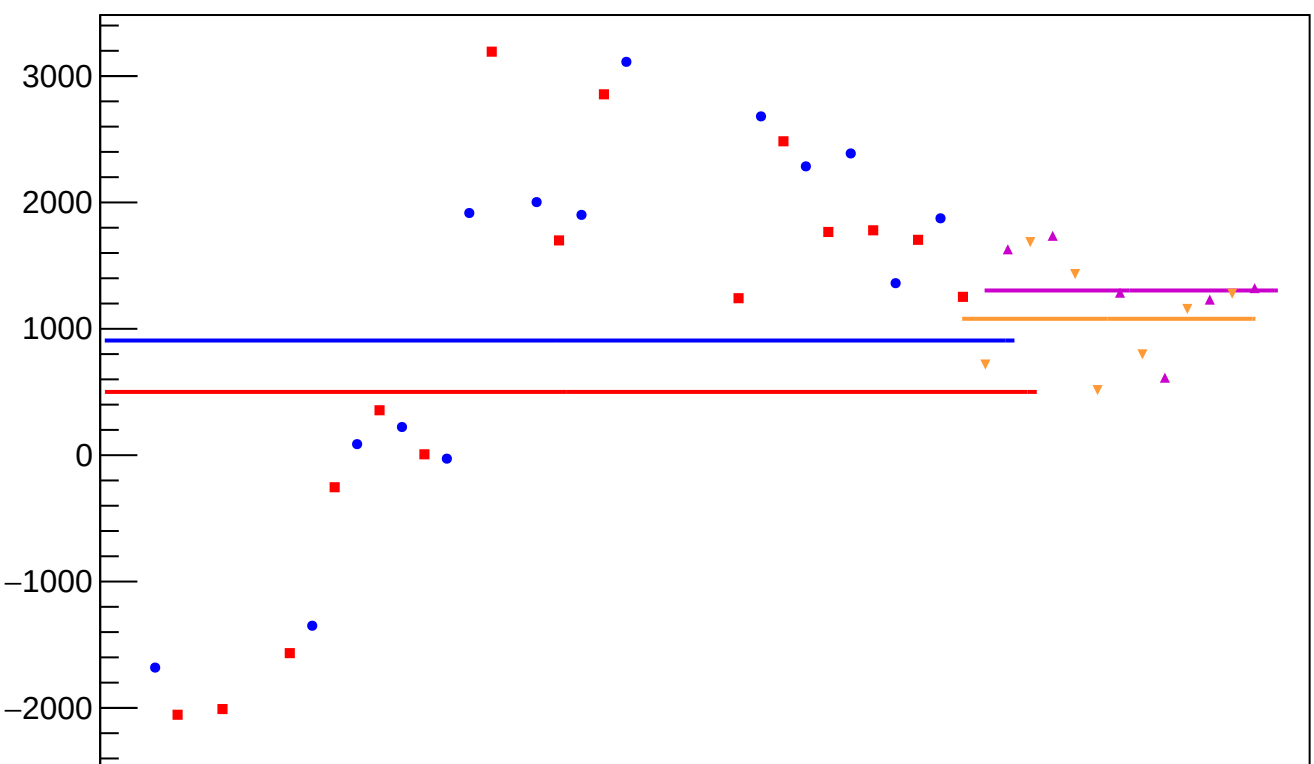
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Left Out: 1079.317+/-0.000 χ^2/NDF:7773511047175734363673884393708139315 2.0/6

Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

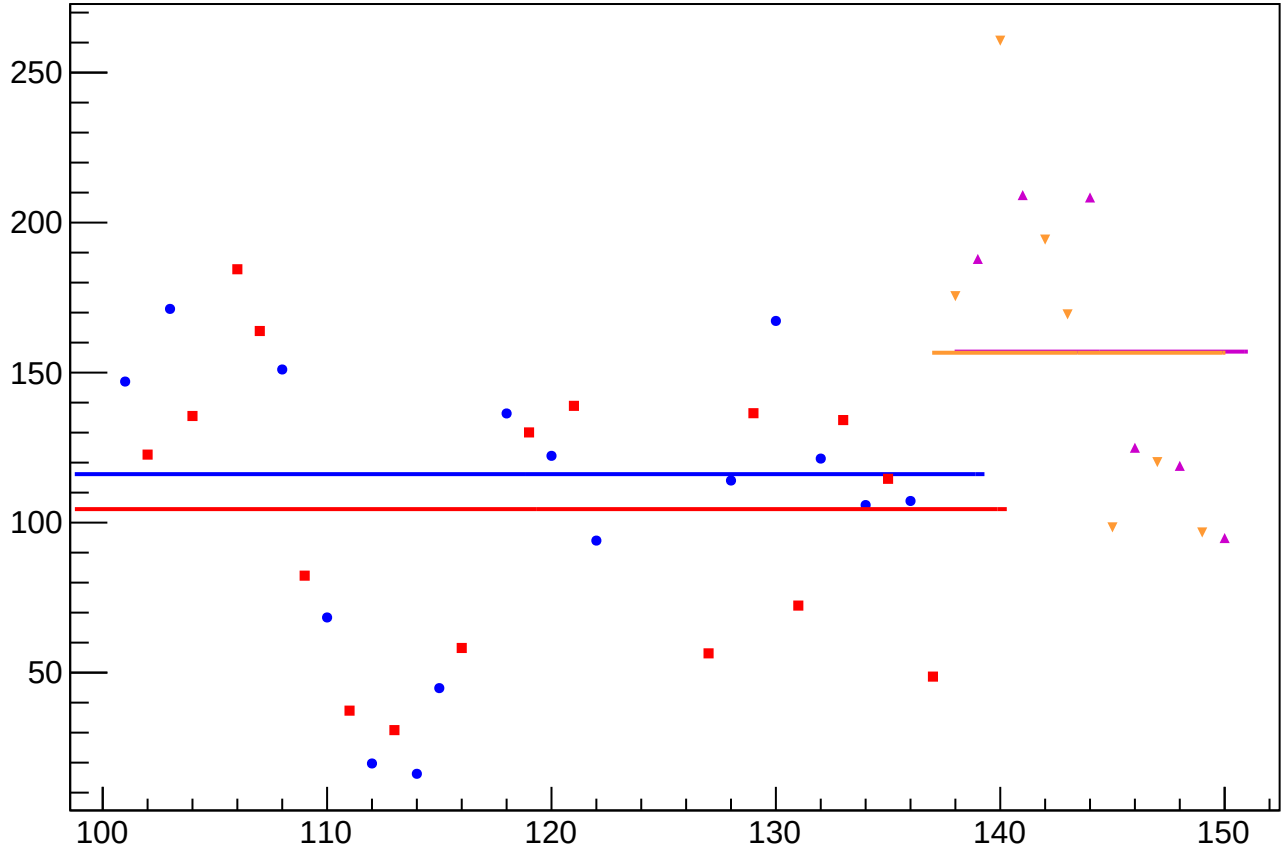
Left In: 1303.424+/-0.000 χ^2/NDF:6455421137991257163908179133785440256 0.0/5

+ sign 983.568+/-0.000 χ^2/NDF: 219346485026840

All: 916.193+/-0.000 χ^2/NDF: 452961708242

- sign 849.674+/-0.000 χ^2/NDF: 232564259828040

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

+ sign 134.083+/-0.000 χ^2/NDF: 334006676279404

Left Out: 156.626+/-0.000 χ^2/NDF:1670824426107452266455037356682510336.0/6

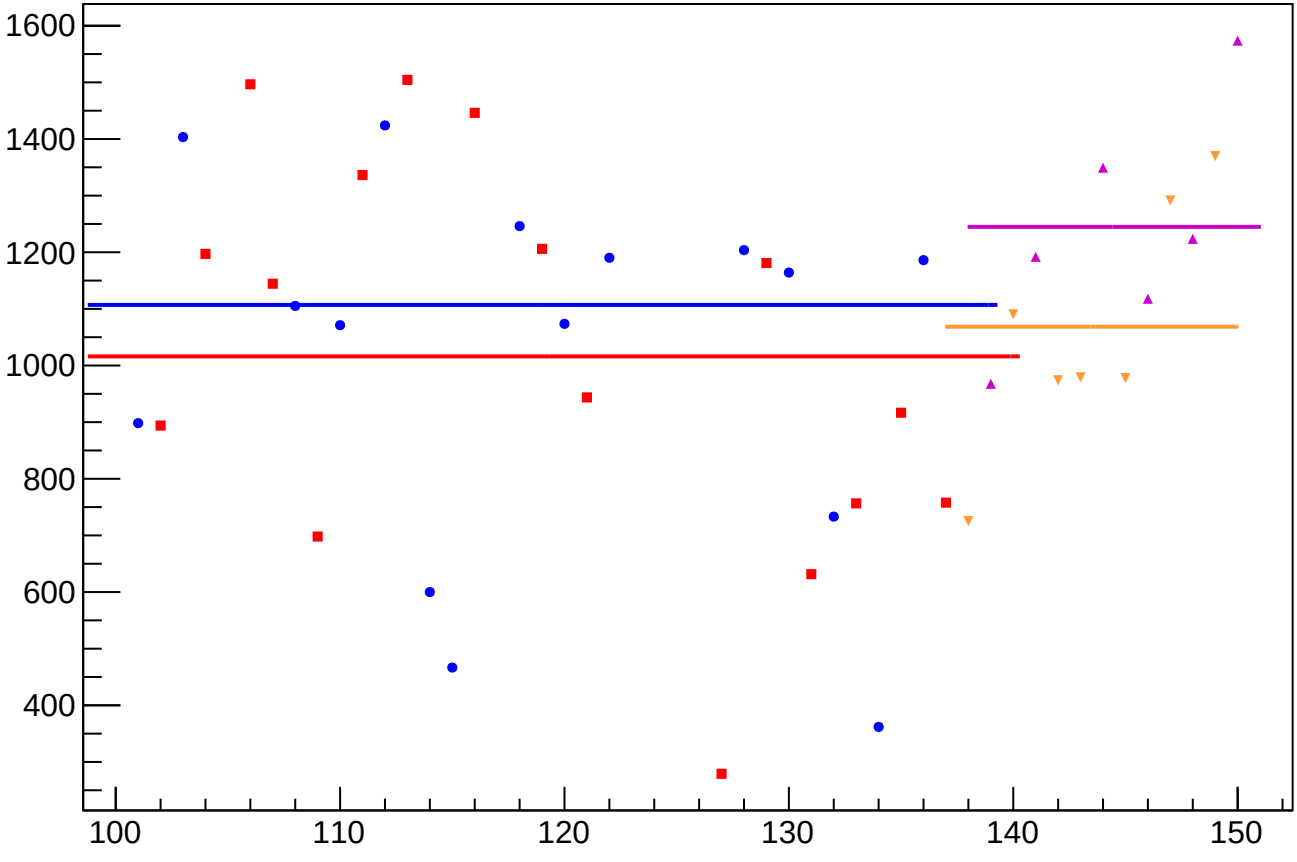
All: 130.681+/-0.000 χ^2/NDF: 655397373193

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

- sign 127.323+/-0.000 χ^2/NDF: 318712069505893

Left In: 156.996+/-0.000 χ^2/NDF:1102016210747177587589405530969341952.0/5

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

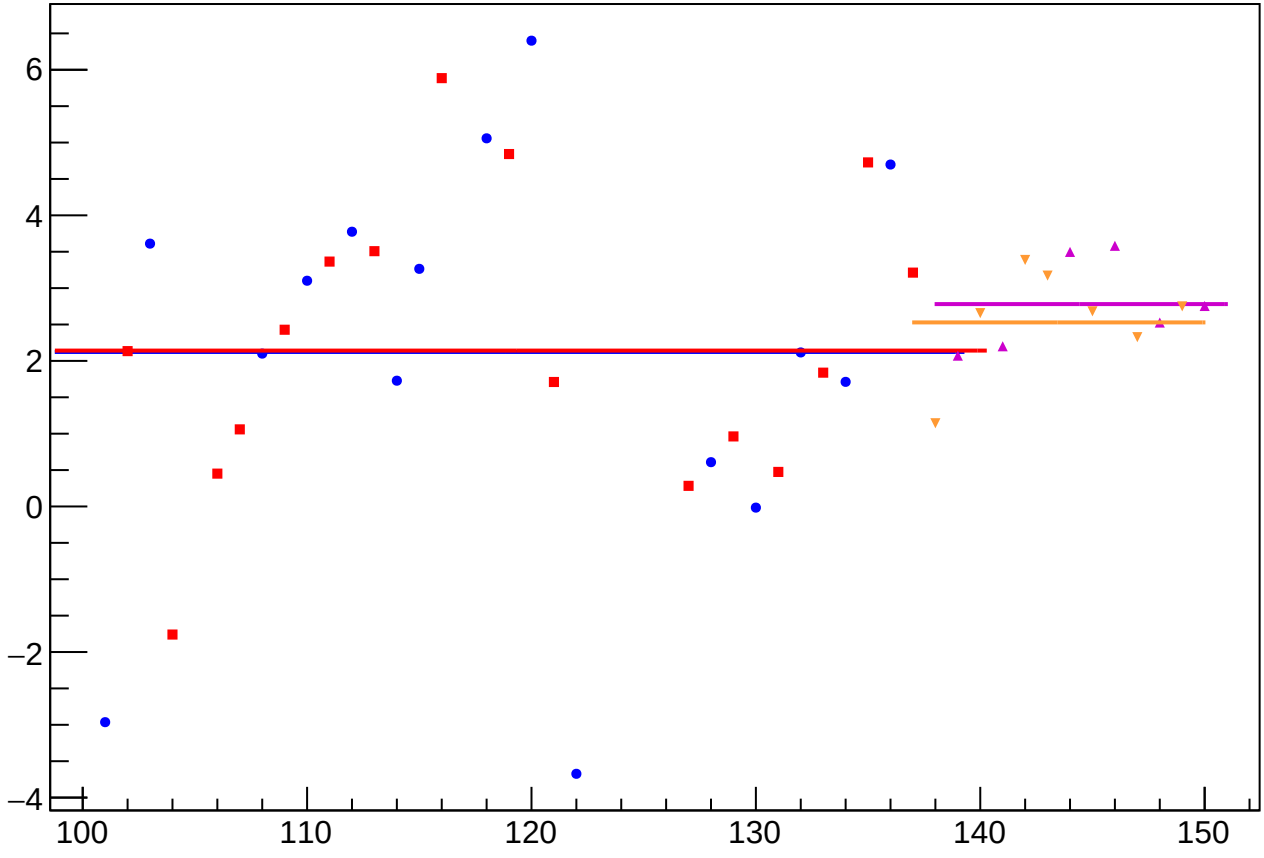
Left In: 1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

+ sign 1090.008+/-0.000 χ^2/NDF: 6340281876448 3

All: 1102.852+/-0.000 χ^2/NDF: 1701555642 6

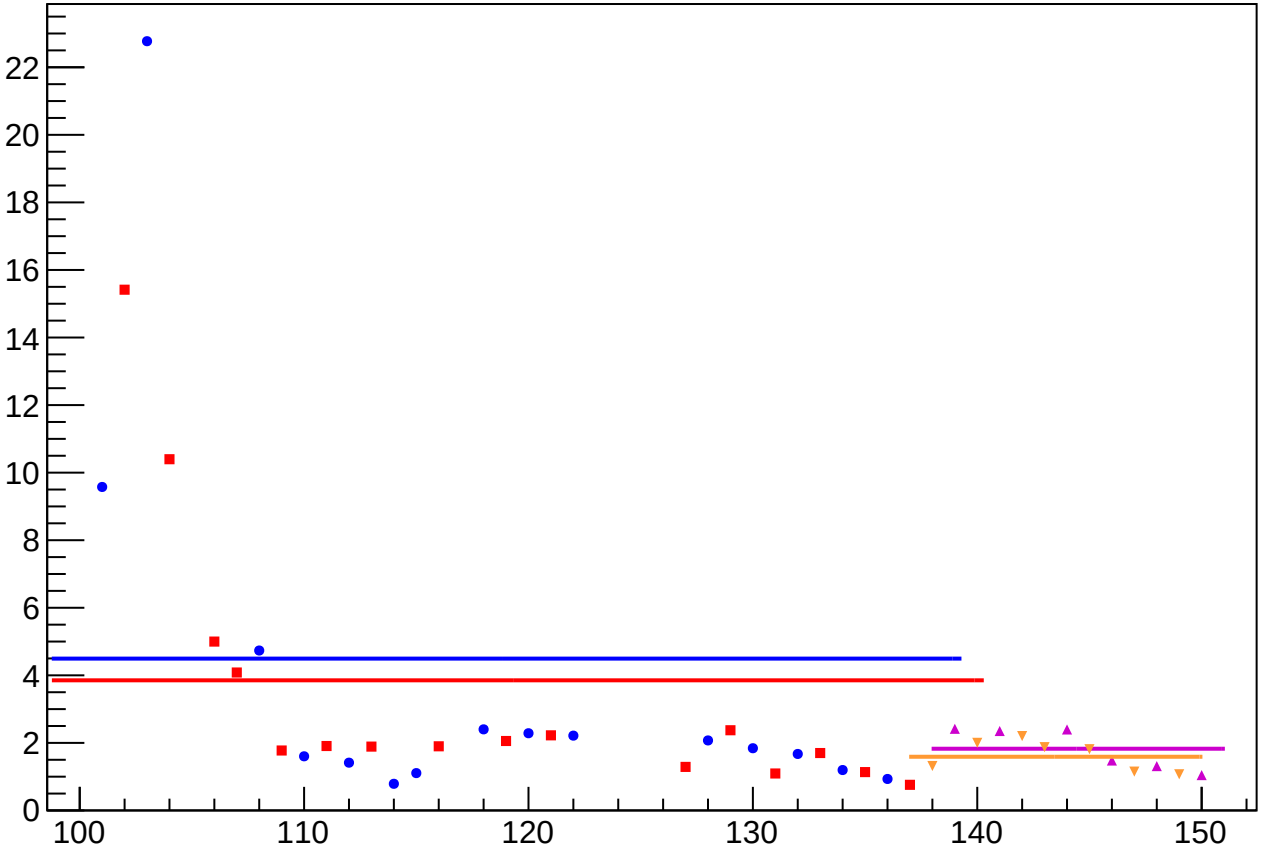
- sign 1115.533+/-0.000 χ^2/NDF: 1063707944848 5

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14
+ sign 2.303+/-0.000 χ^2/NDF: 5532913911274555 4
Left Out: 2.529+/-0.000 χ^2/NDF:2218308973549739350843211749785 60.0/6
All: 2.361+/-0.000 χ^2/NDF: 8305879271210 7
Right Out: 2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
- sign 2.419+/-0.000 χ^2/NDF: 2764964280478466 0
Left In: 2.781+/-0.000 χ^2/NDF:1736760086937721328056486393282 56.0/5

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

+ sign 3.208+/-0.000 χ^2/NDF: 2778111756326273 9

Left Out: 1.590+/-0.000 χ^2/NDF:842071773998213284197650315345 92.0/6

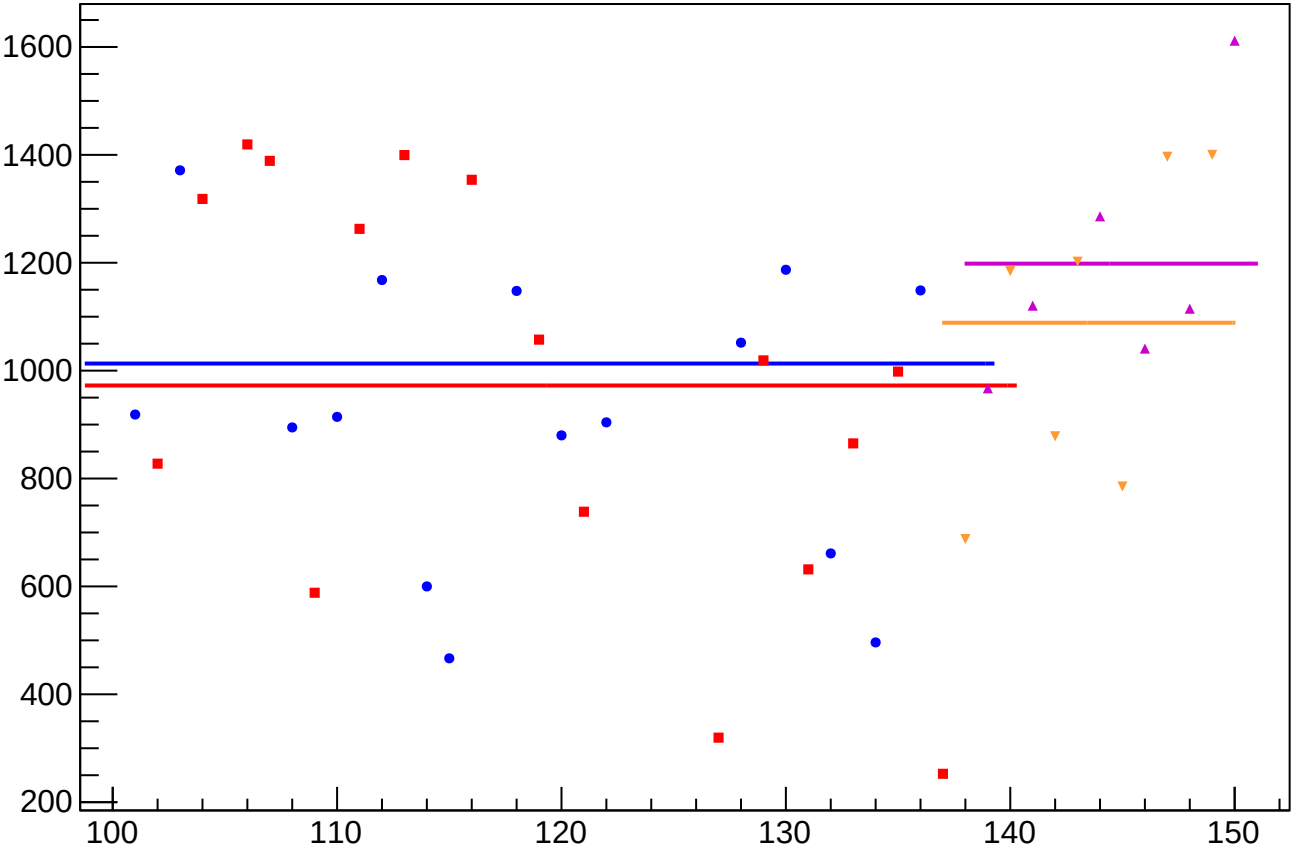
All: 3.089+/-0.000 χ^2/NDF: 4148647034497 7

Right Out: 3.852+/-0.000 χ^2/NDF: 123149714765568065505188476386017 28.0/15

- sign 2.972+/-0.000 χ^2/NDF: 13672624420297336

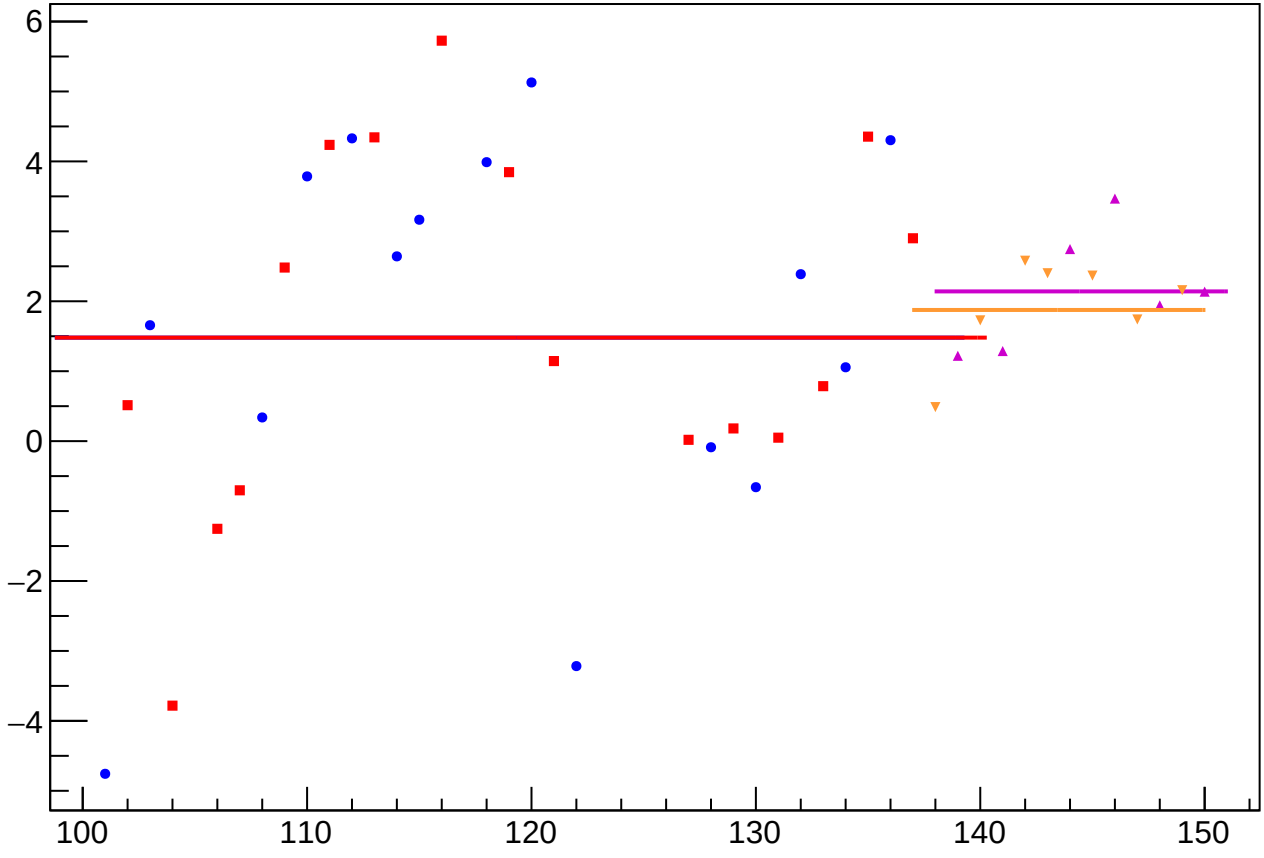
Left In: 1.827+/-0.000 χ^2/NDF:168360482614647868394930488475648.0/5

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left Out: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 1.876+/-0.000 χ^2/NDF:2212906809079591953189311904481 28.0/6

Right Out: 1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

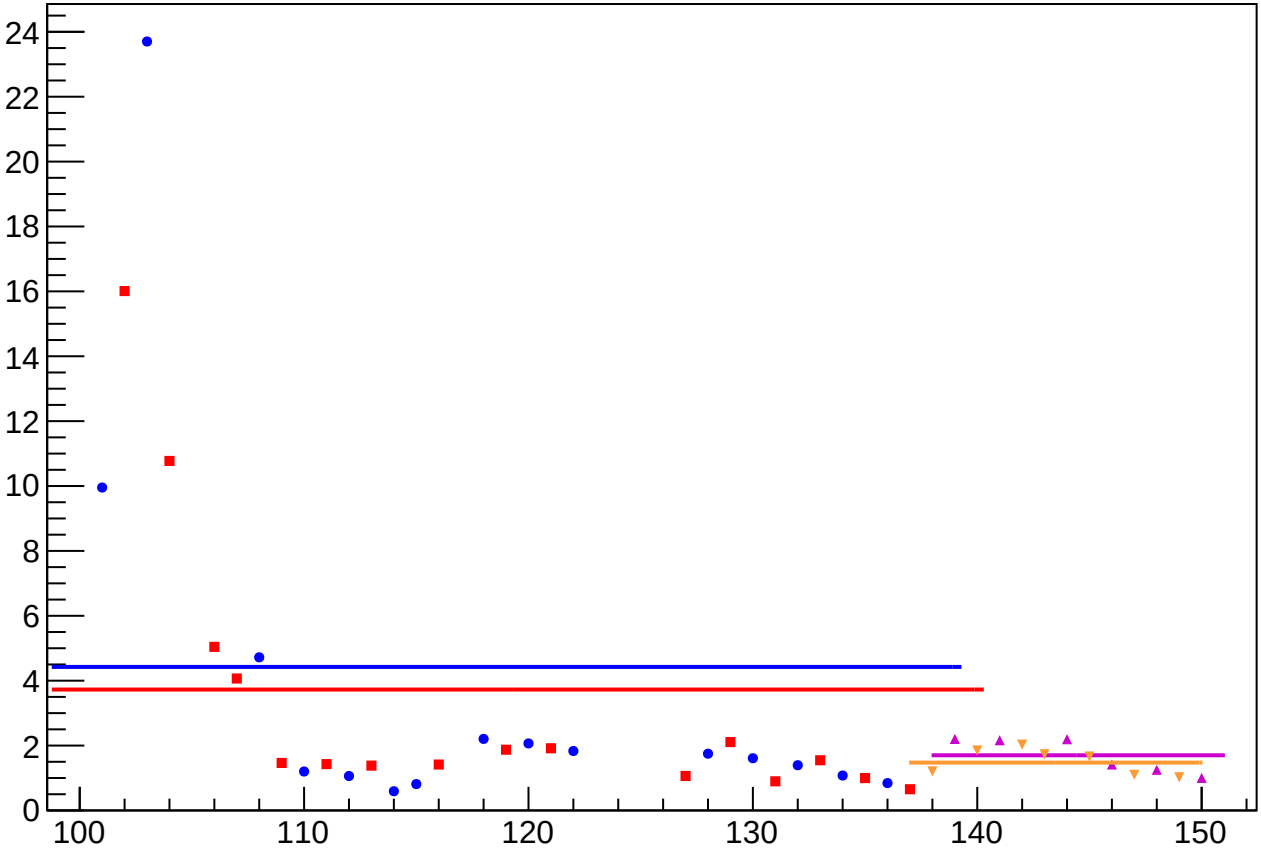
Left In: 2.141+/-0.000 χ^2/NDF:3126272137474956316626851085680 64.0/5

+ sign 1.655+/-0.000 χ^2/NDF: 6065970521907083 1

All: 1.712+/-0.000 χ^2/NDF: 1060526547379 0

- sign 1.768+/-0.000 χ^2/NDF: 4531903710237839 6

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

+ sign 3.118+/-0.000 χ^2/NDF: 30825509075437282

Left Out: 1.475+/-0.000 χ^2/NDF:66912439920582686950243273015296.0/6

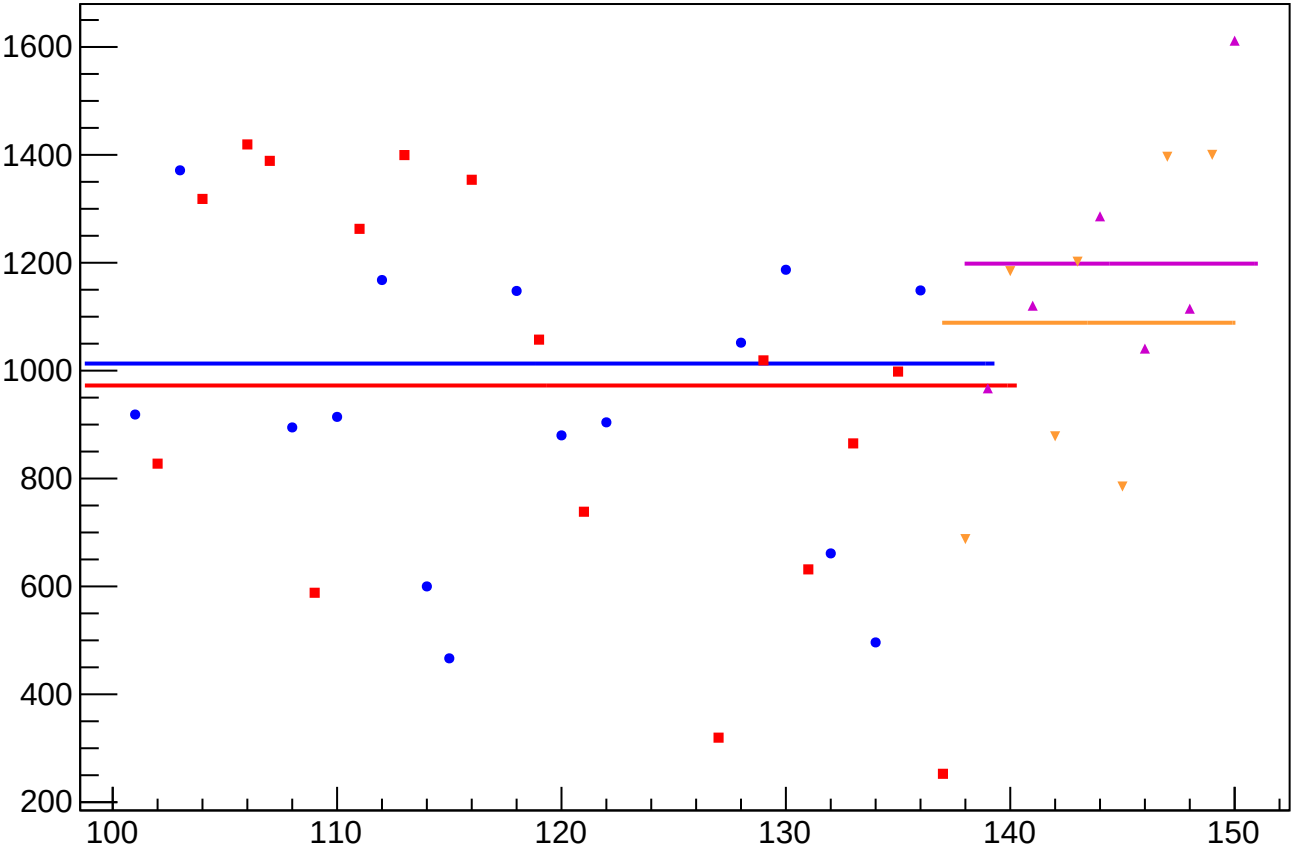
All: 2.981+/-0.000 χ^2/NDF: 4617985137731

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 2.846+/-0.000 χ^2/NDF: 15310988511207799

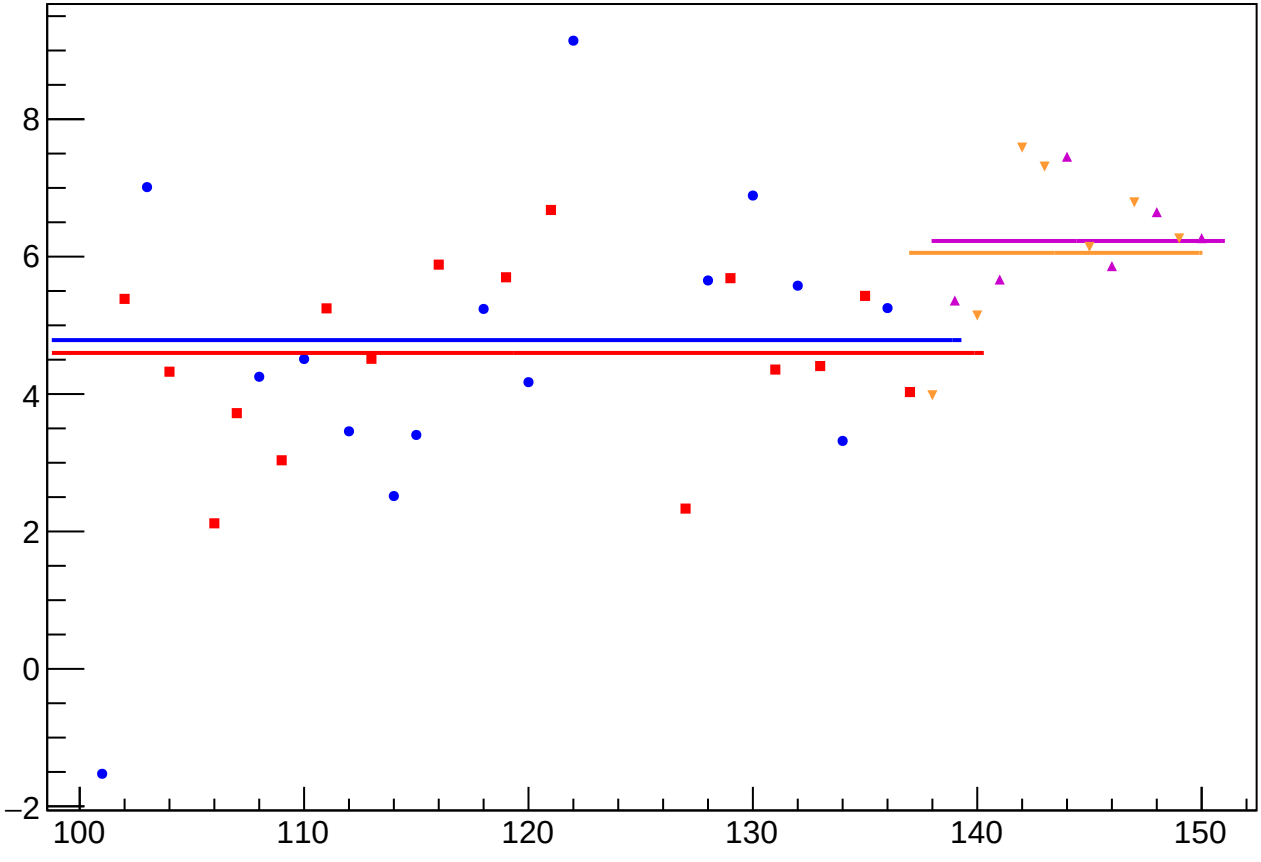
Left In: 1.701+/-0.000 χ^2/NDF:12824720496355995318106504717926 4.0/5

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left Out: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

Left Out: 6.055+/-0.000 χ^2/NDF:6632943215049967263922425859932 16.0/6

Right Out: 4.598+/-0.000 χ^2/NDF: 9896071567929486332476327796408 32.0/15

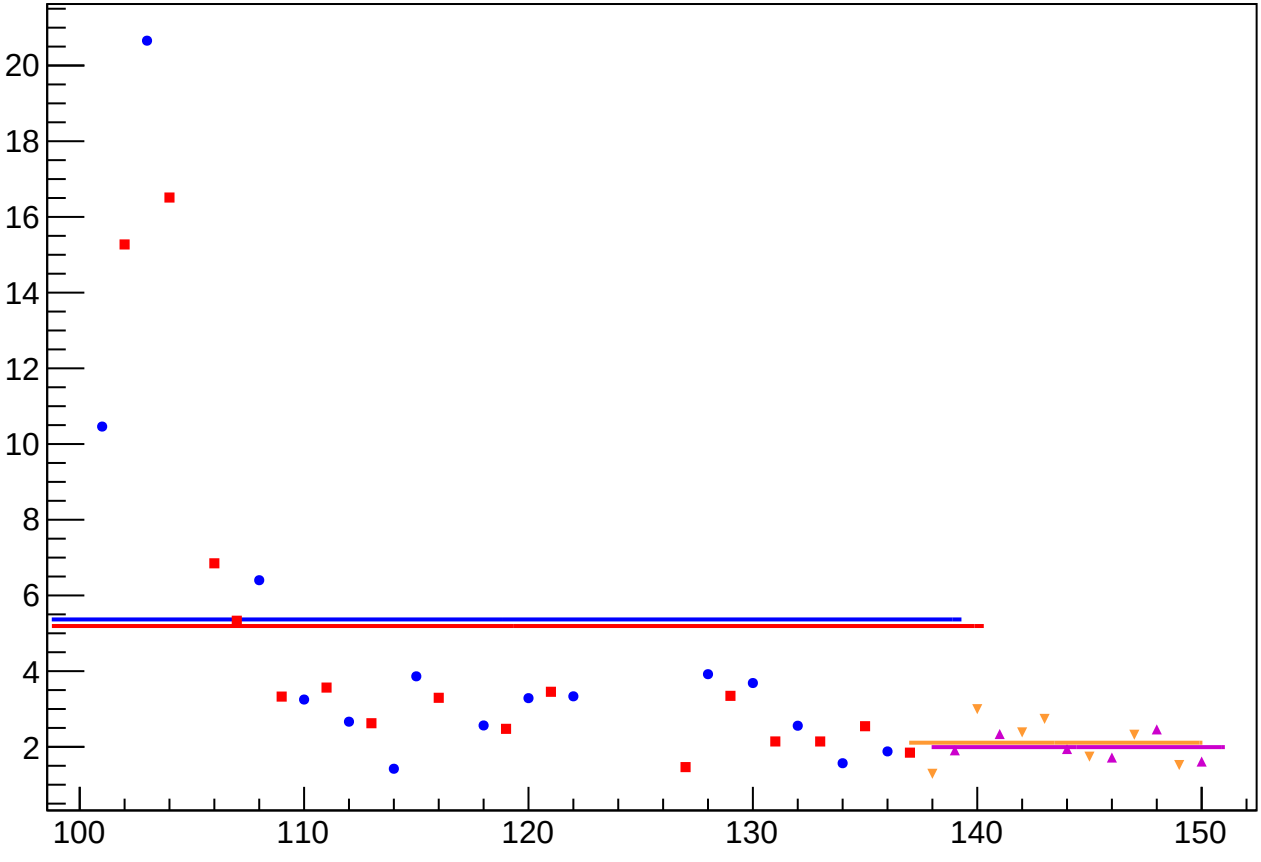
Left In: 6.228+/-0.000 χ^2/NDF:2475517560097285828195570816122 88.0/5

+ sign 5.348+/-0.000 χ^2/NDF: 5123450358584496

All: 5.327+/-0.000 χ^2/NDF: 7131551840531

- sign 5.307+/-0.000 χ^2/NDF: 20071236474363006

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 3.924+/-0.000 χ^2/NDF: 2201892453998850 1

Left Out: 2.110+/-0.000 χ^2/NDF:190564834393252852774841884868608.0/6

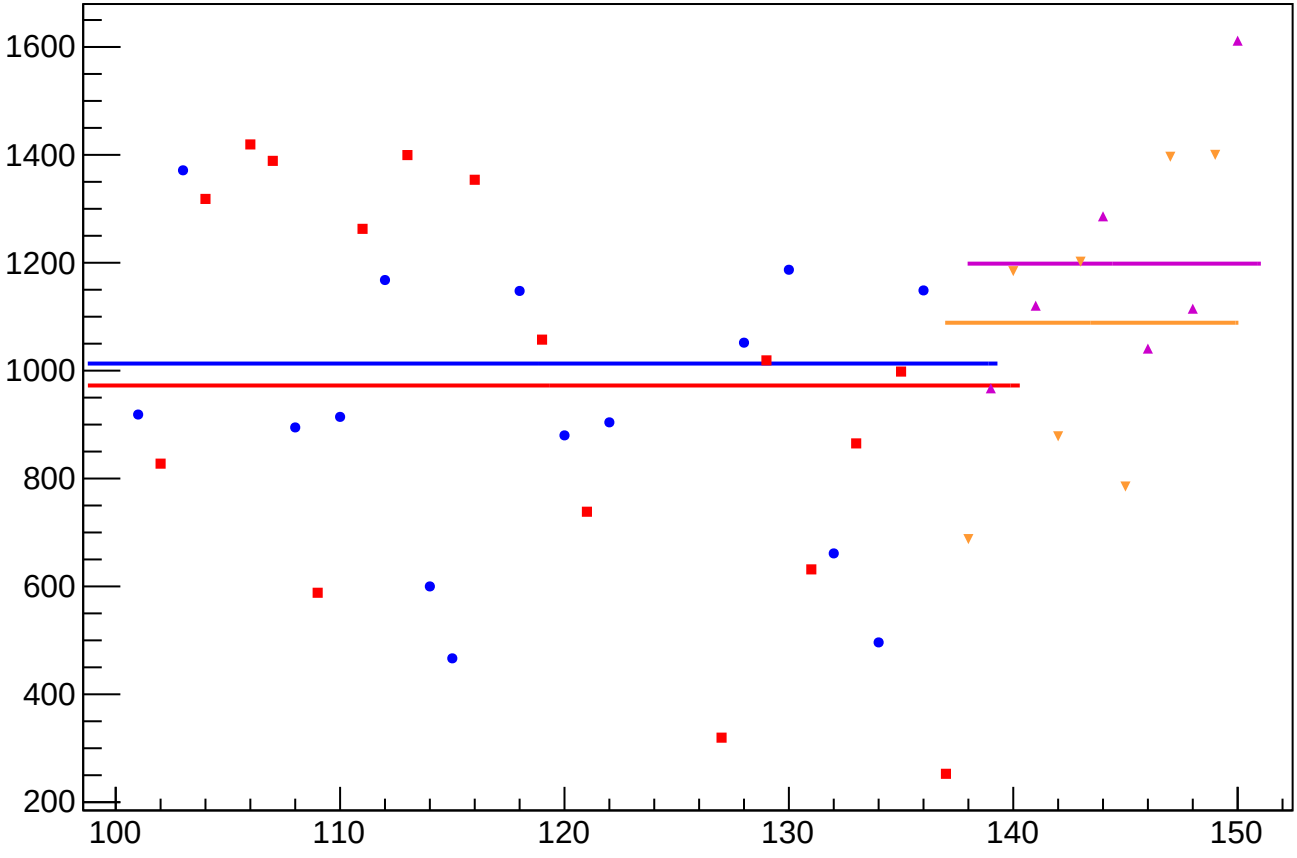
All: 3.862+/-0.000 χ^2/NDF: 4079399123244 5

Right Out: 5.192+/-0.000 χ^2/NDF: 157495737549453457544324369528913 92.0/15

- sign 3.801+/-0.000 χ^2/NDF: 1876626593996190 7

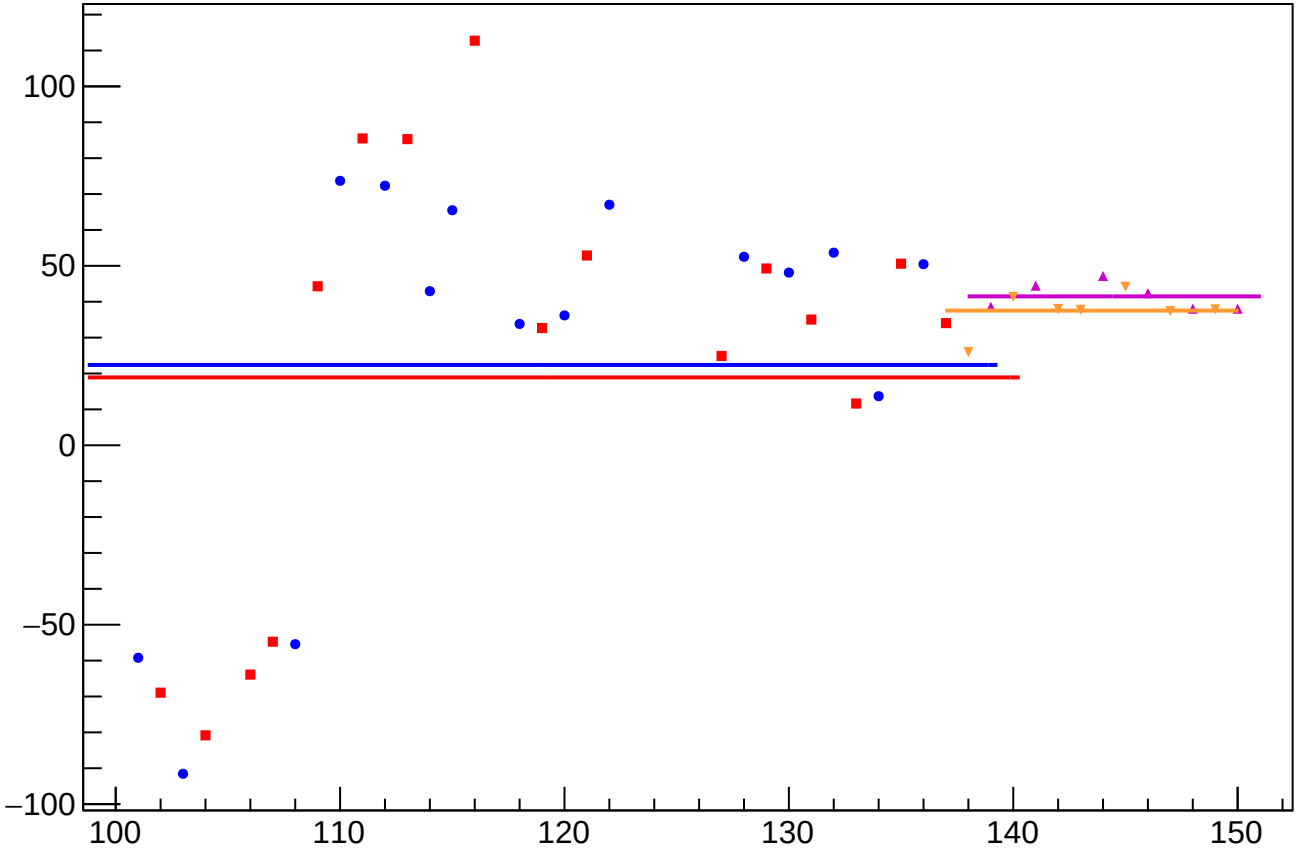
Left In: 1.993+/-0.000 χ^2/NDF:4890964765046287121631322465894 4.0/5

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left In: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 37.529+/-0.000 χ^2/NDF:152202689540400283721508633706496 00.0/6

Right Out: 18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15

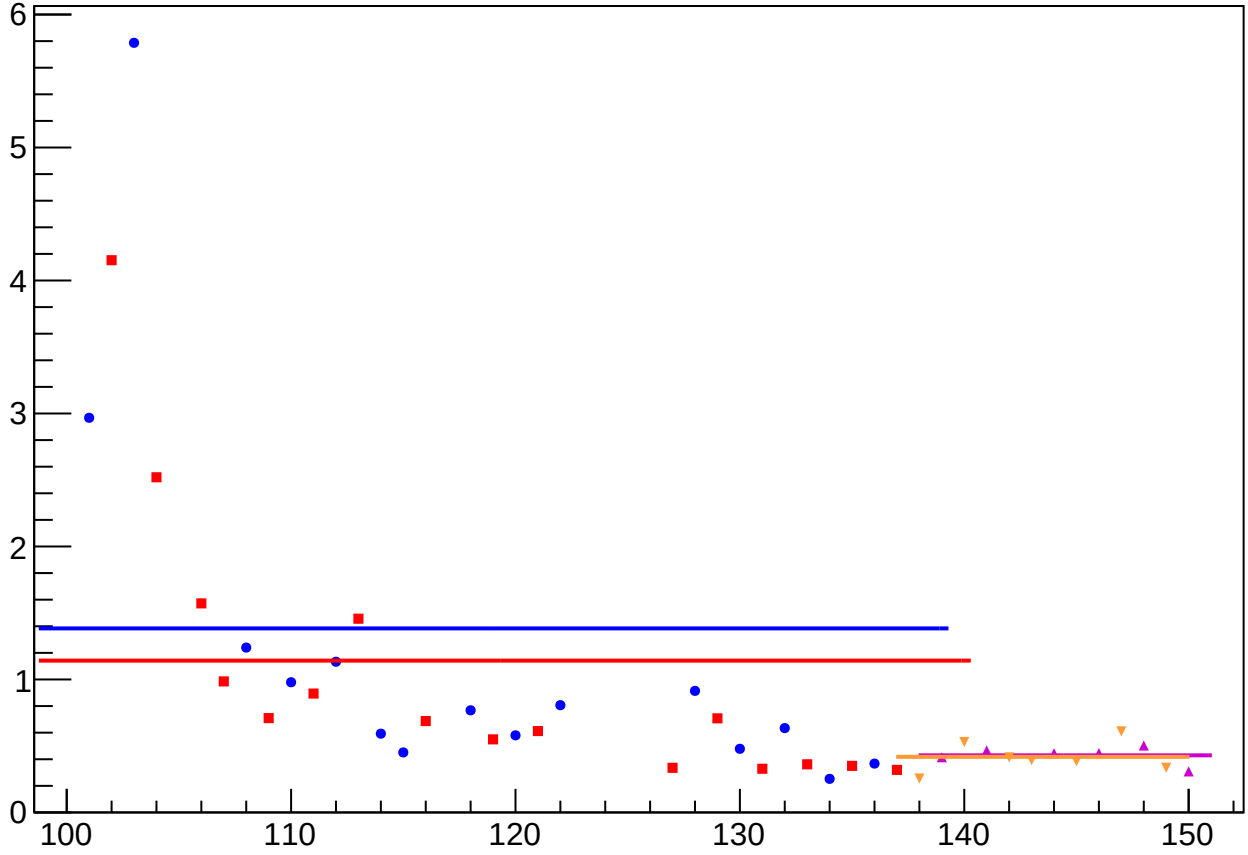
Left In: 41.489+/-0.000 χ^2/NDF:644297159526790610627310197198028 8.0/5

+ sign 29.092+/-0.000 χ^2/NDF: 2003406617058425

All: 28.907+/-0.000 χ^2/NDF: 4340016538547

- sign 28.724+/-0.000 χ^2/NDF: 2336530636168303

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.418+/-0.000 χ^2/NDF:66543843642115431774907992637 44.0/6

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

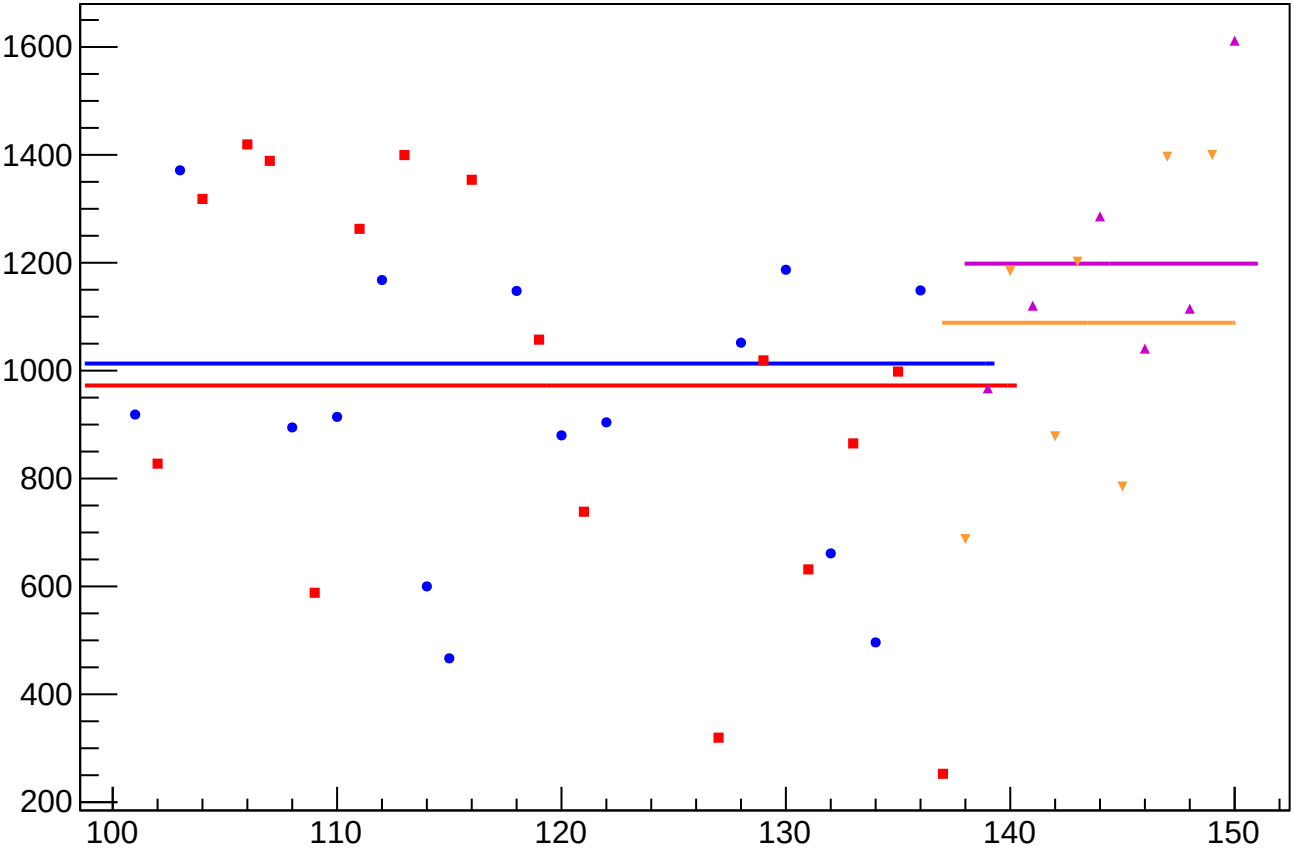
Left In: 0.430+/-0.000 χ^2/NDF:196451295976978124212719845376 0.0/5

+ sign 0.956+/-0.000 χ^2/NDF: 1845927549144631 7

All: 0.894+/-0.000 χ^2/NDF: 2814709091123 2

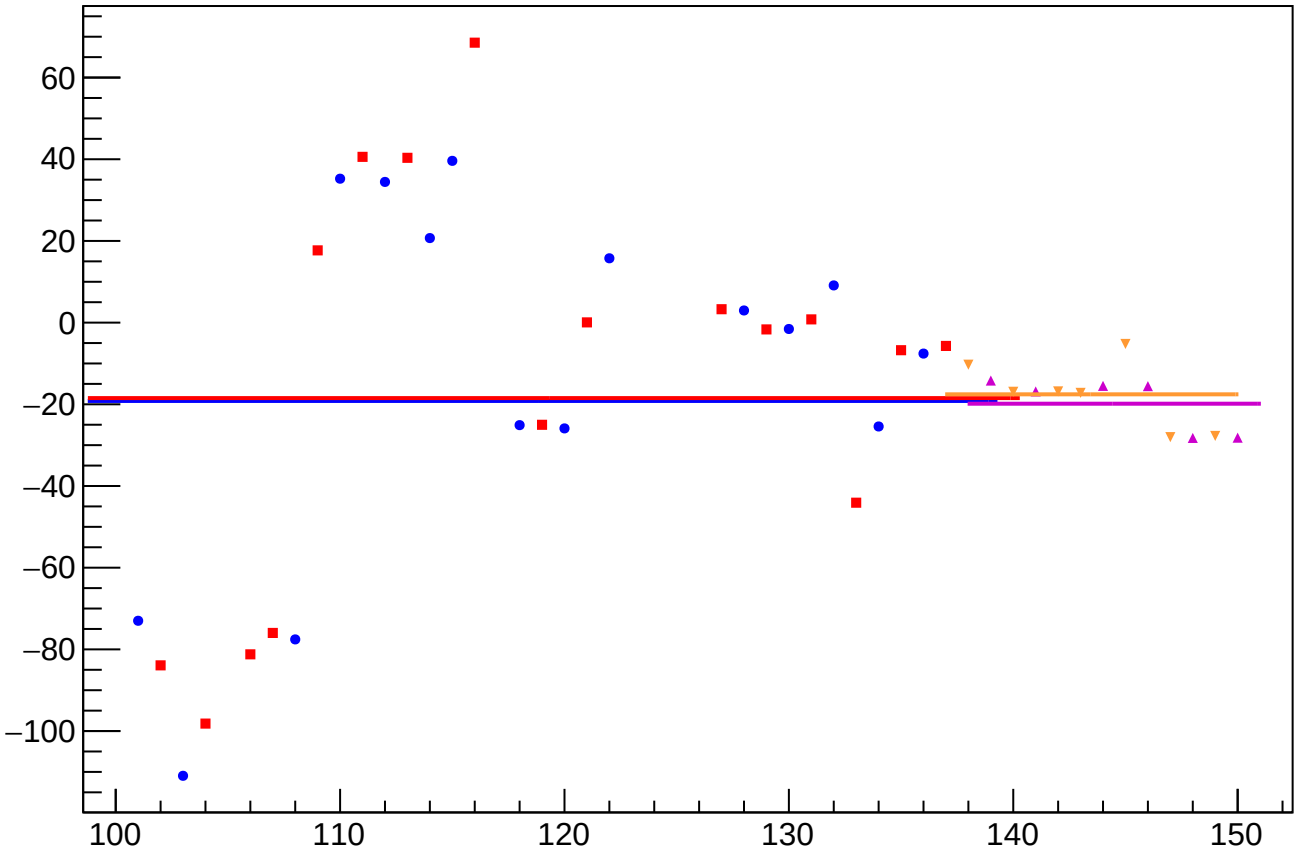
- sign 0.832+/-0.000 χ^2/NDF: 9597596575913875 5

dit_4aY_coil6_Ndata_mean vs Slug



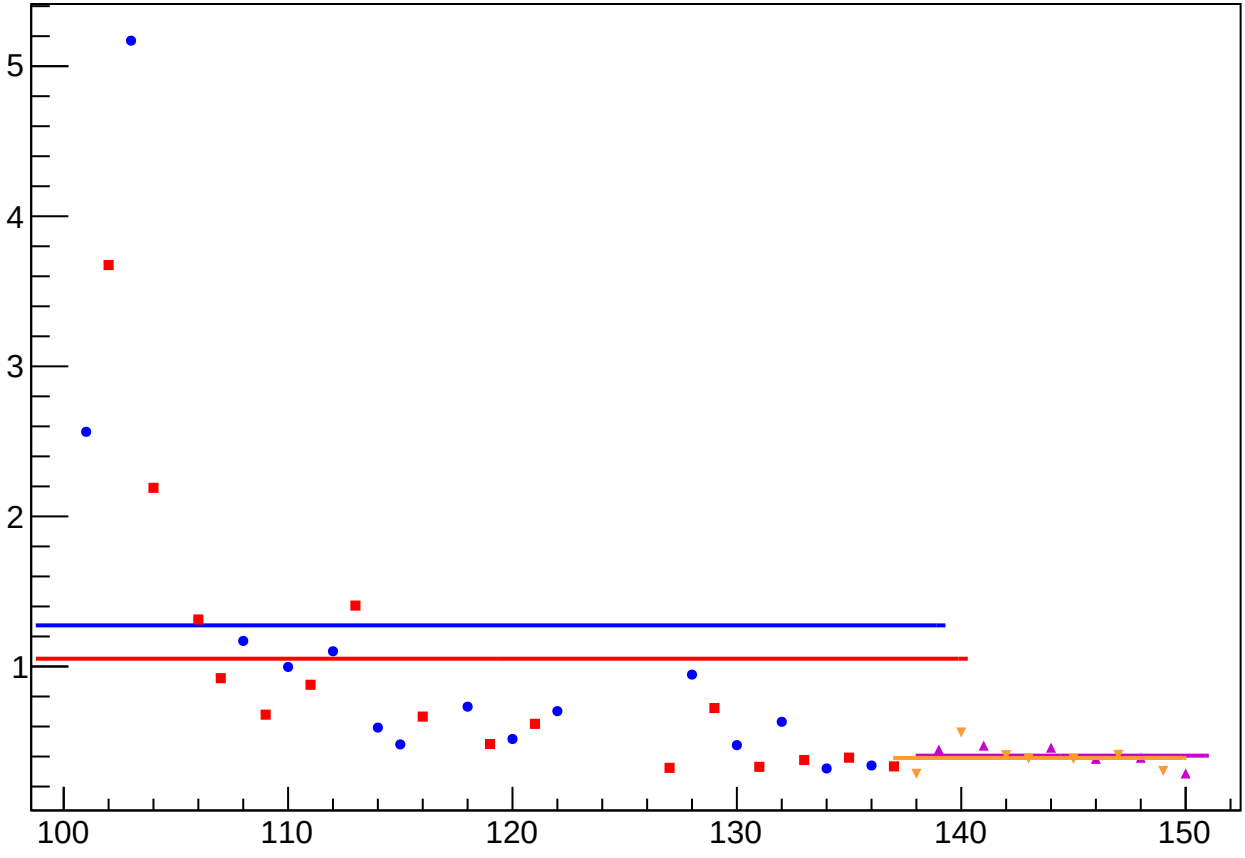
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left Out: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14
+ sign -18.458+/-0.000 χ^2/NDF: 128089819692345
Left Out: -17.555+/-0.000 χ^2/NDF:3377899953196830613884226240512000 0.0/6
All: -18.769+/-0.000 χ^2/NDF: 278984924870
Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15
- sign -19.076+/-0.000 χ^2/NDF: 150872678455766 4
Left In: -19.852+/-0.000 χ^2/NDF:1878175280986279534254583403092377 6.0/5

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.391+/-0.000 χ^2/NDF:39114779697976247243257193431 04.0/6

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

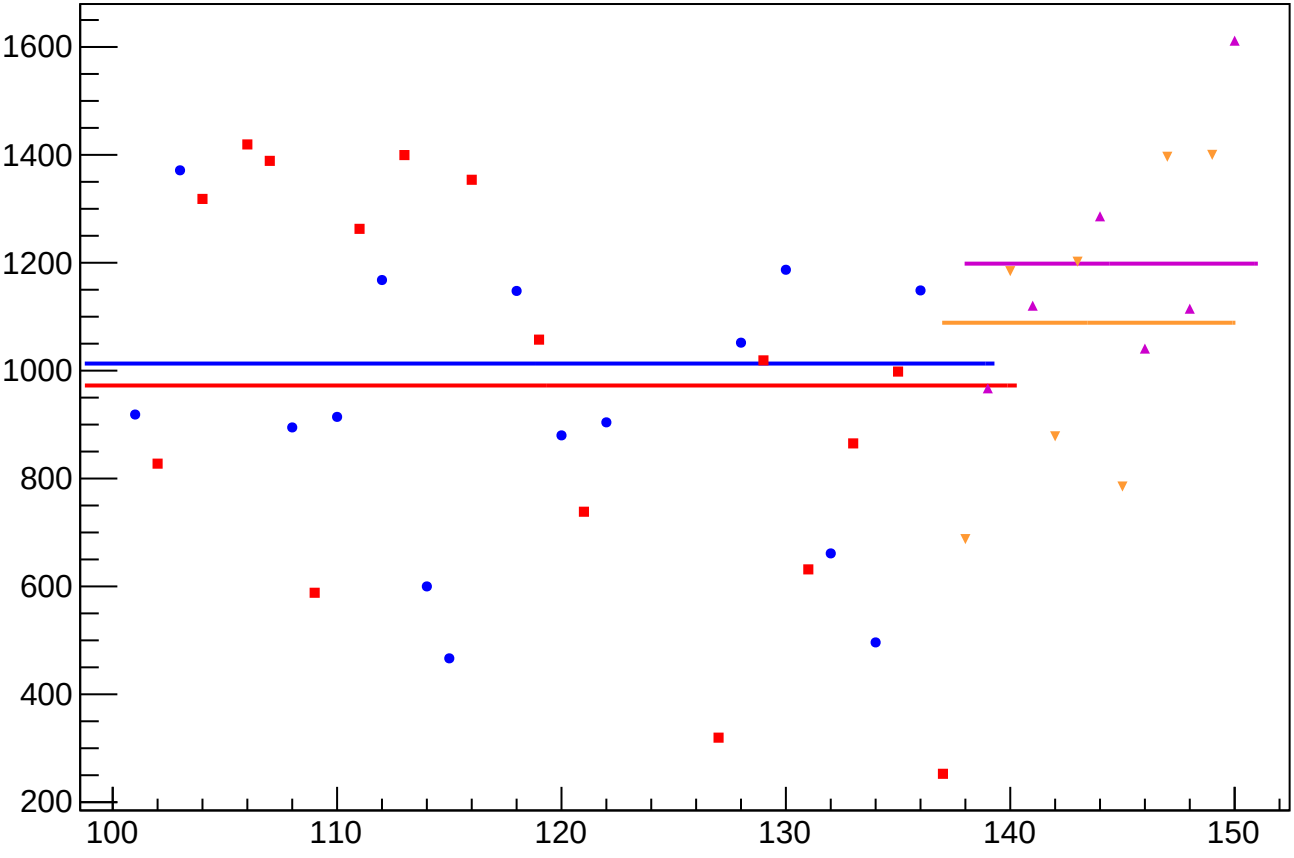
Left In: 0.406+/-0.000 χ^2/NDF:2099228174971814290688684589056.0/5

+ sign 0.883+/-0.000 χ^2/NDF: 1440307813409628 0

All: 0.826+/-0.000 χ^2/NDF: 2178027942438 6

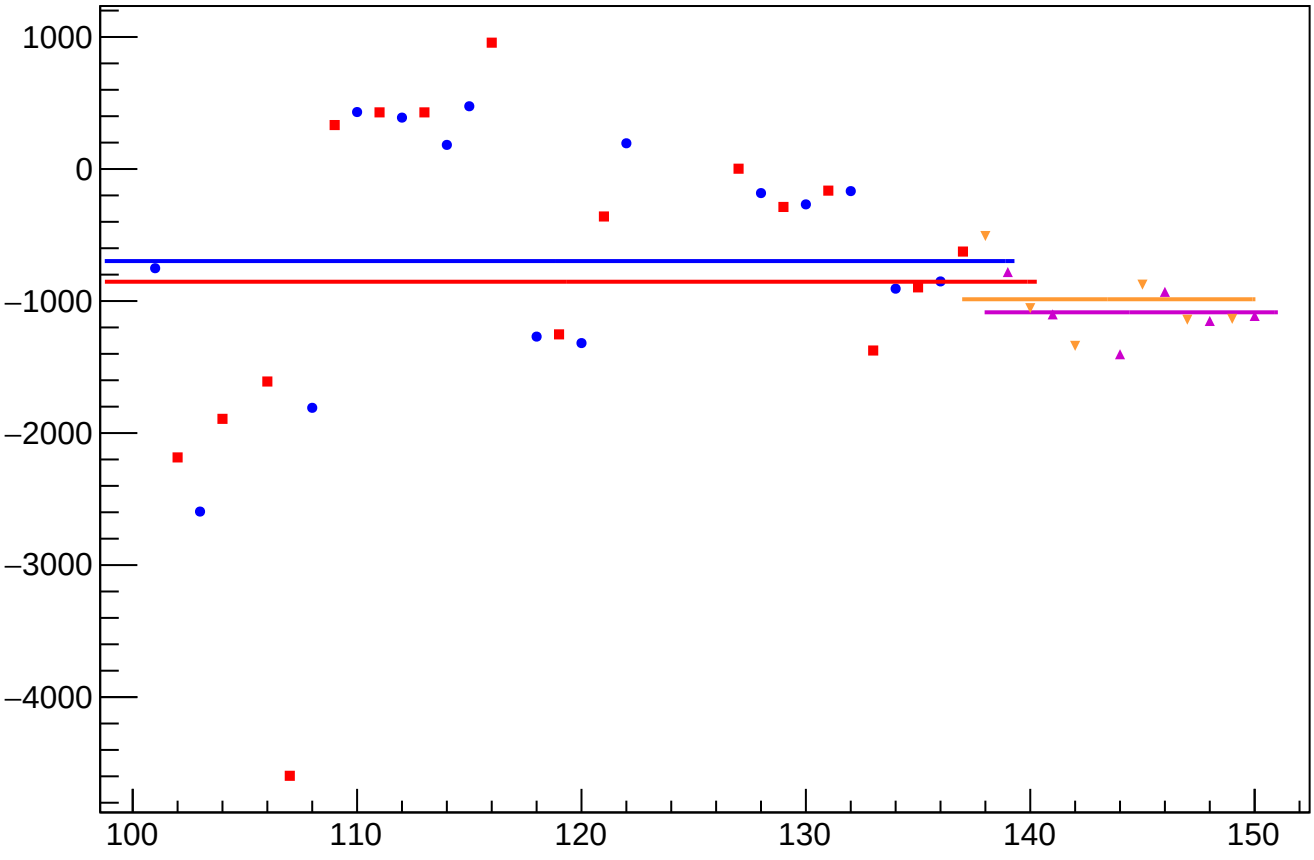
- sign 0.771+/-0.000 χ^2/NDF: 7304097605585894 9

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left Out: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14

+ sign -815.563+/-0.000 χ^2/NDF: 54135541538498

Left Out: -986.530+/-0.000 χ^2/NDF:287158303147151070787563287609134284 80.0/5

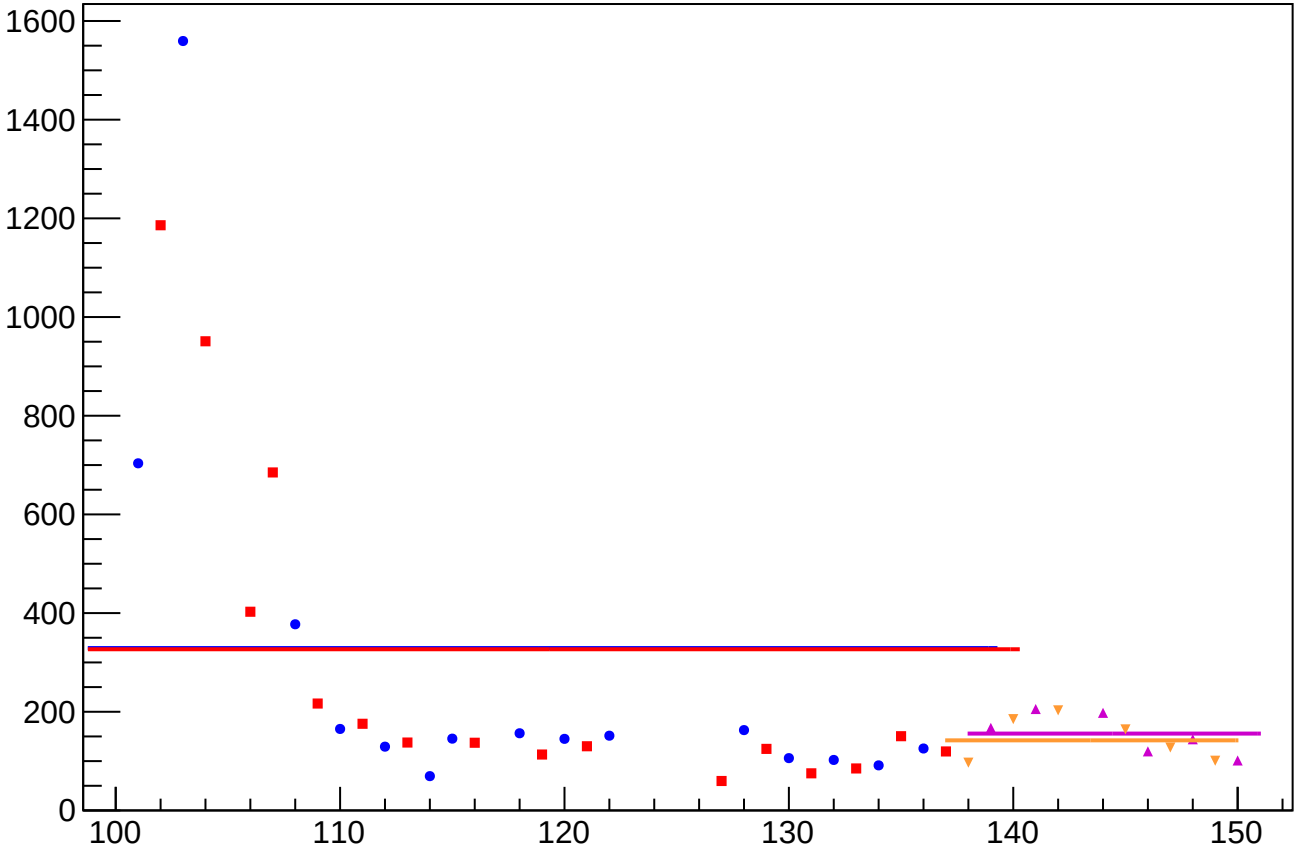
All: -887.498+/-0.000 χ^2/NDF: 1665211879 3

Right Out: -853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15

- sign -954.433+/-0.000 χ^2/NDF: 111288790305371

Left In: -1085.363+/-0.000 χ^2/NDF:189510800022915801995436963824192716 80.0/5

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

Left Out: 142.076+/-0.000 χ^2/NDF:68048373379712968327418769691797094 4.0/5

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

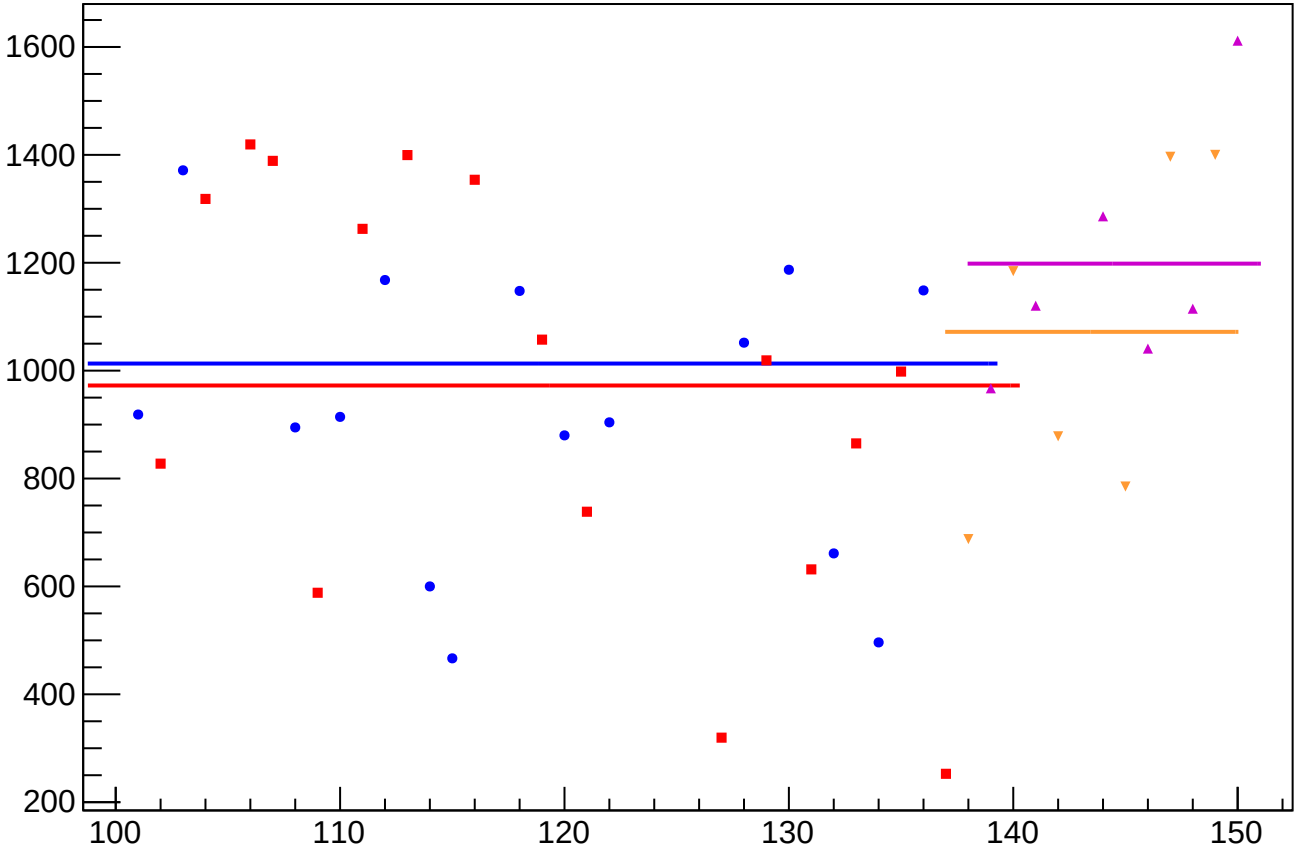
Left In: 155.797+/-0.000 χ^2/NDF:76832103902534864946939070380192563 2.0/5

+ sign 252.626+/-0.000 χ^2/NDF: 126827973462647

All: 252.508+/-0.000 χ^2/NDF: 223634453247

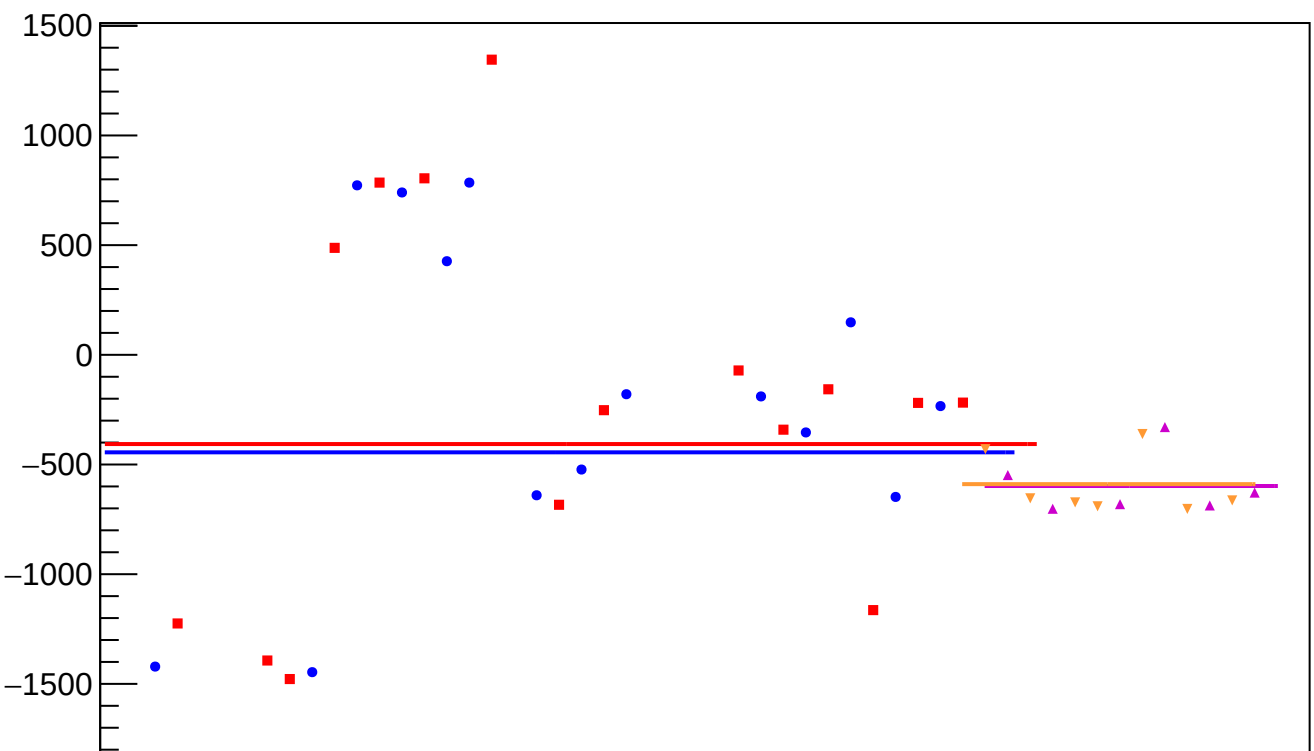
- sign 252.398+/-0.000 χ^2/NDF: 968064501540967

dit_usl_coil6_Ndata_mean vs Slug



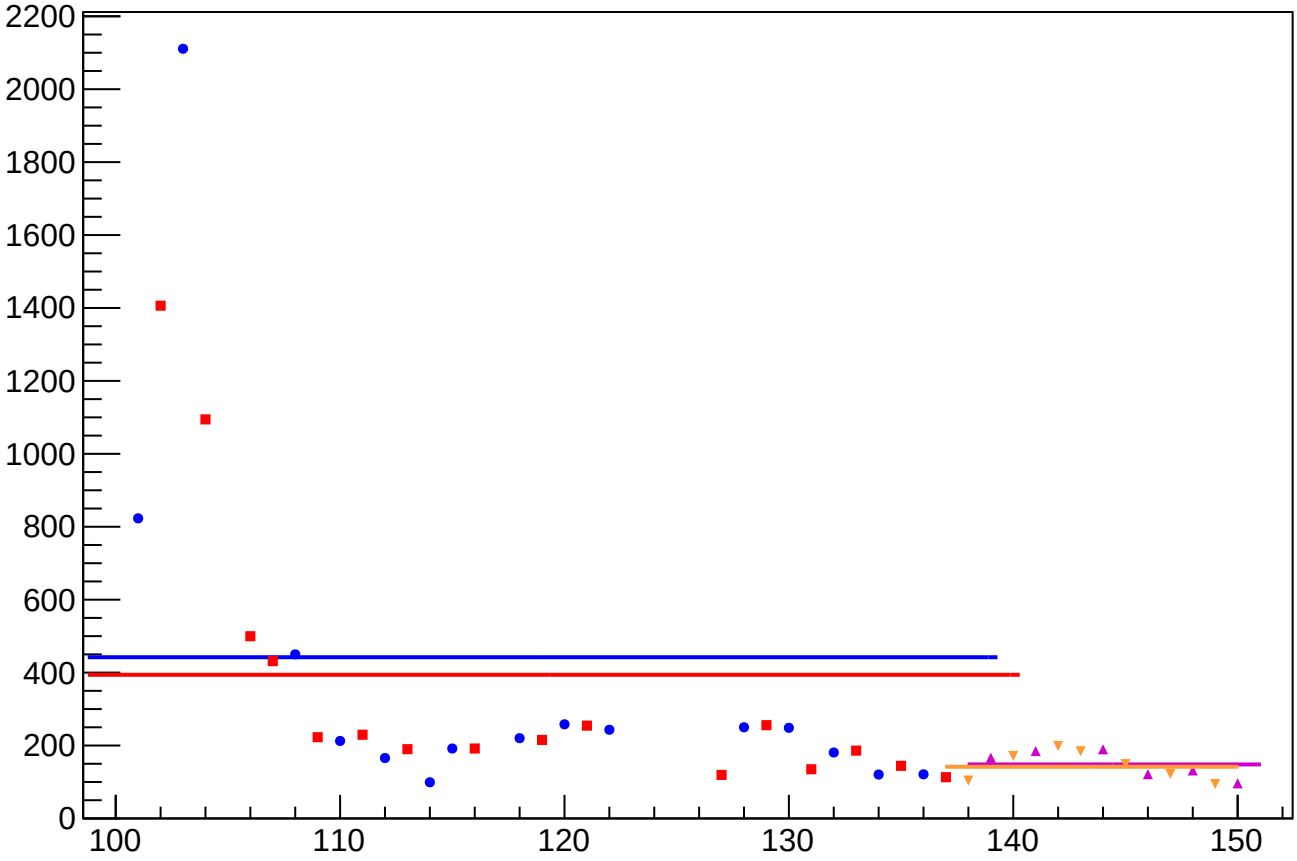
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1037.181+/-0.000 χ^2/NDF: 70834030314232
Left Out: 1071.922+/-0.000 χ^2/NDF:381959398369004783806160039641067028 48.0/5
All: 1054.529+/-0.000 χ^2/NDF: 1888715593 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left In: 1198.357+/-0.000 χ^2/NDF:237185667569463604719662671324533227 52.0/5

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF: 39648190350159370306653585122995365478 4.0/14
+ sign -508.719+/-0.000 χ^2/NDF: 41153823932755
Left Out: -589.475+/-0.000 χ^2/NDF:90156916512840397885290574151837286 40.0/6
All: -499.239+/-0.000 χ^2/NDF: 95993134260
Right Out: -406.729+/-0.000 χ^2/NDF: 52912242186677481001294178223912910 8480.0/15
- sign -489.881+/-0.000 χ^2/NDF: 548185066041352
Left In: -597.994+/-0.000 χ^2/NDF:84547682474652518657287833344351928 32.0/5

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

+ sign 309.125+/-0.000 χ^2/NDF: 230625219721014

Left Out: 141.796+/-0.000 χ^2/NDF:67522268150955026327387880721429299 2.0/6

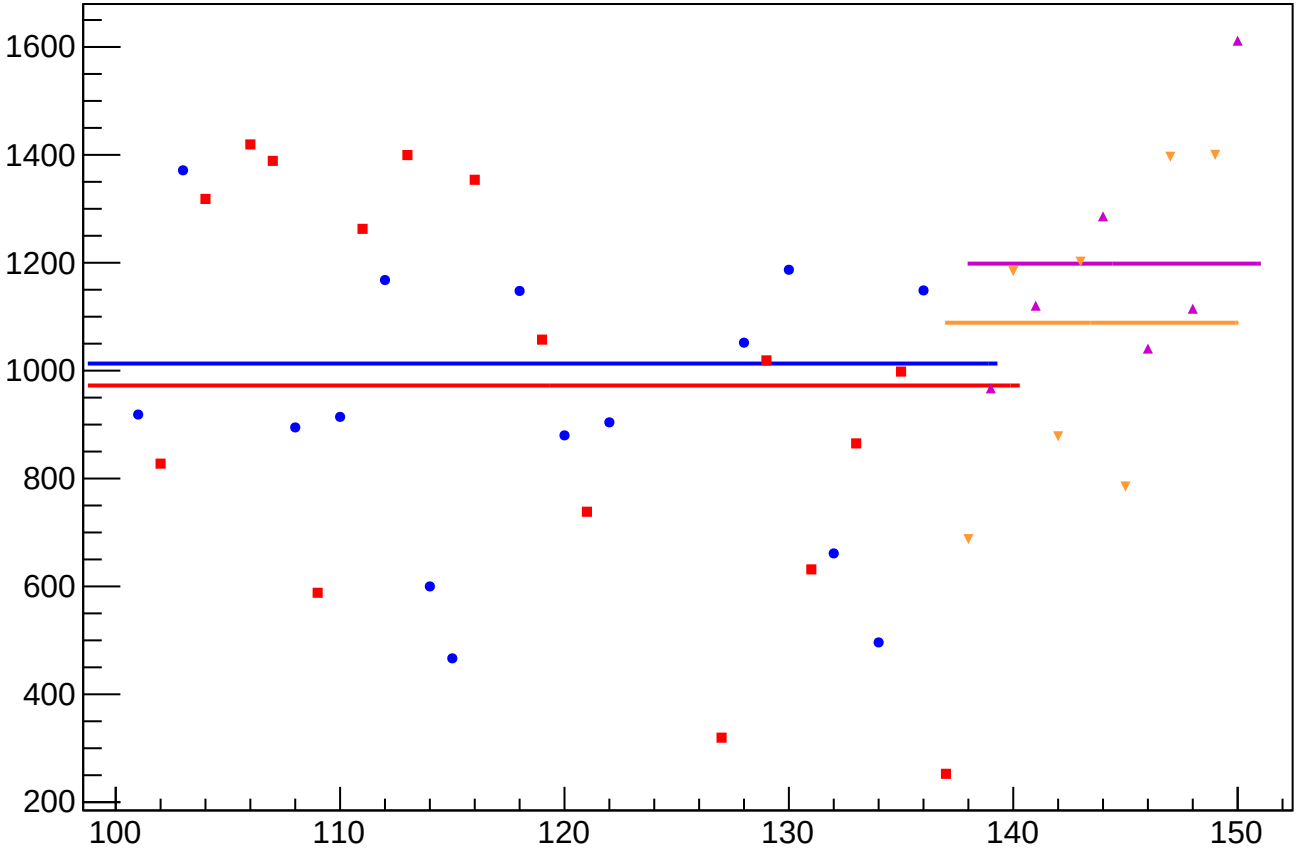
All: 298.061+/-0.000 χ^2/NDF: 354944941201

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

- sign 287.138+/-0.000 χ^2/NDF: 124036339723927

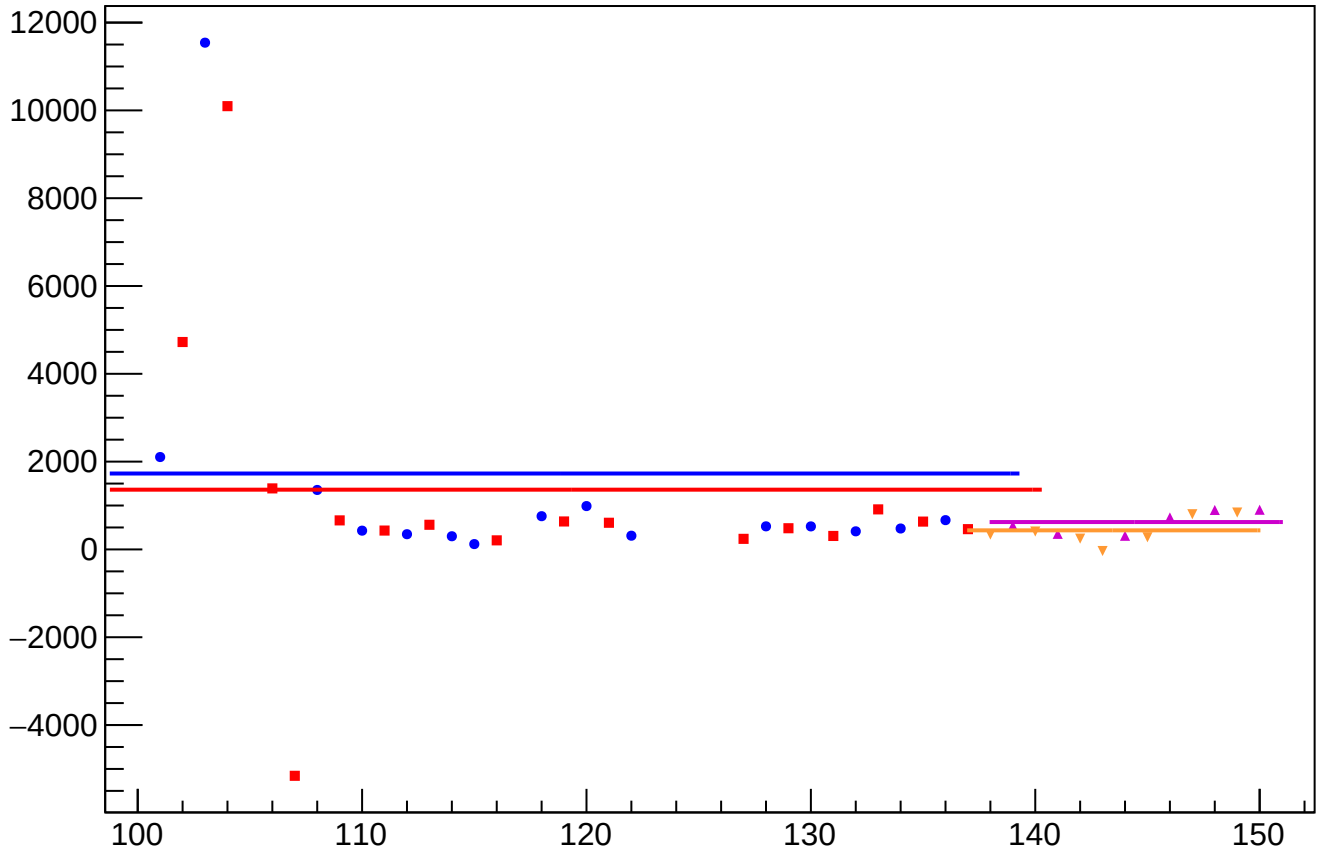
Left In: 148.153+/-0.000 χ^2/NDF:622674909653334221892811482283900928.0/5

dit_usr_coil6_Ndata_mean vs Slug



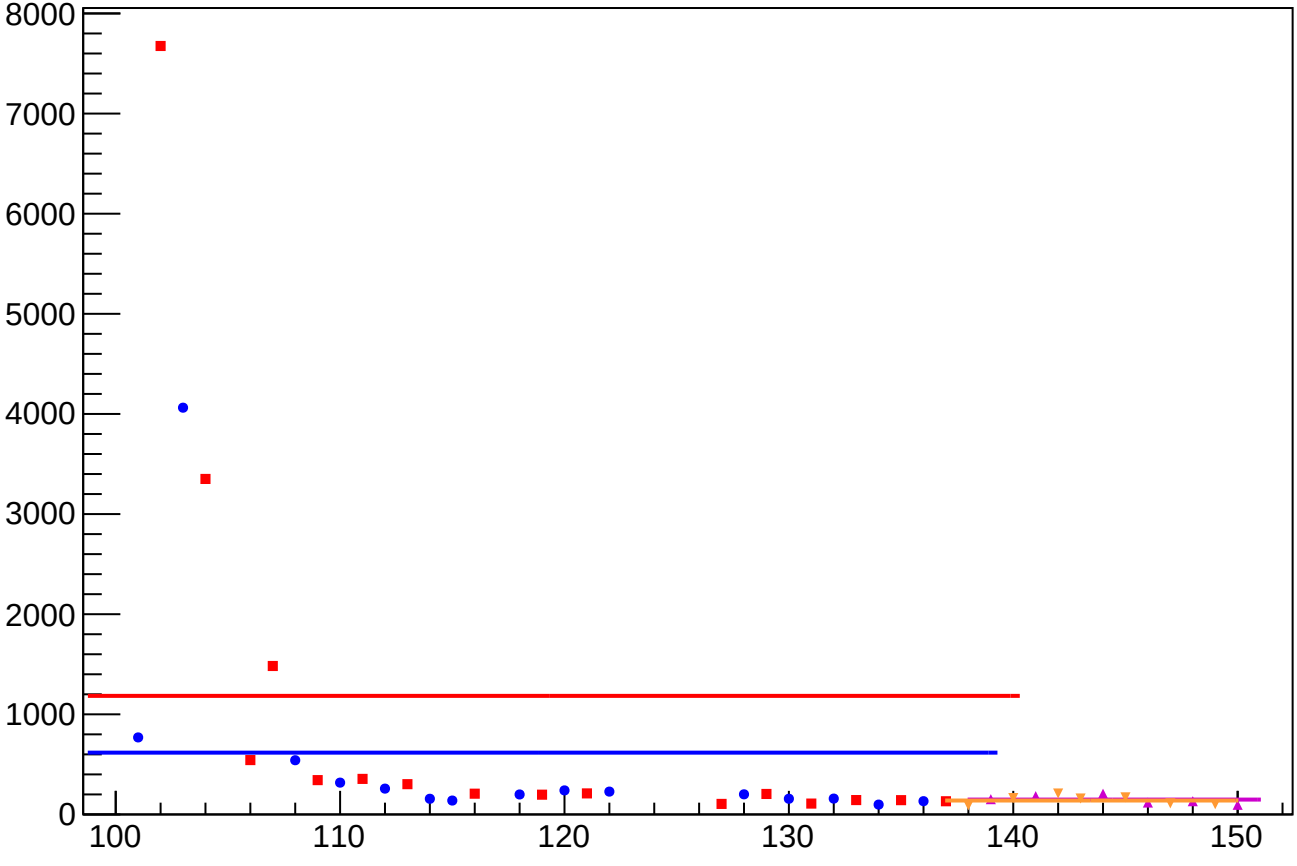
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left Out: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_atl1_coil6_mean vs Slug



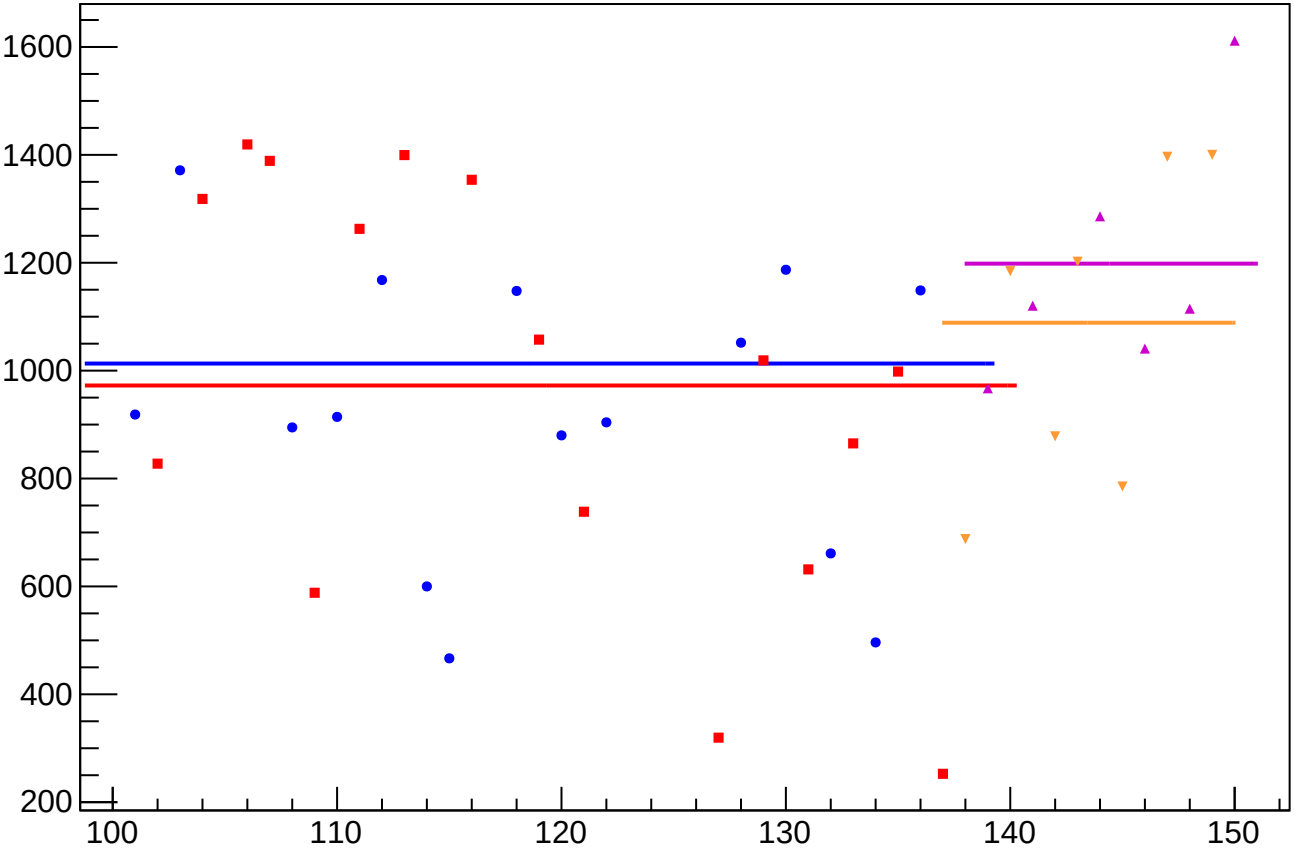
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
+ sign 1155.664+/-0.000 χ^2/NDF: 69384056704125
Left Out: 434.532+/-0.000 χ^2/NDF:436027360768337827493675886906672414 72.0/6
All: 1097.657+/-0.000 χ^2/NDF: 1356523474 6
Right Out: 1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617 4464.0/15
- sign 1040.389+/-0.000 χ^2/NDF: 66190390927809
Left In: 623.643+/-0.000 χ^2/NDF:298120039005192619736334751419303198 72.0/5

dit_atl1_coil6_err_mean vs Slug



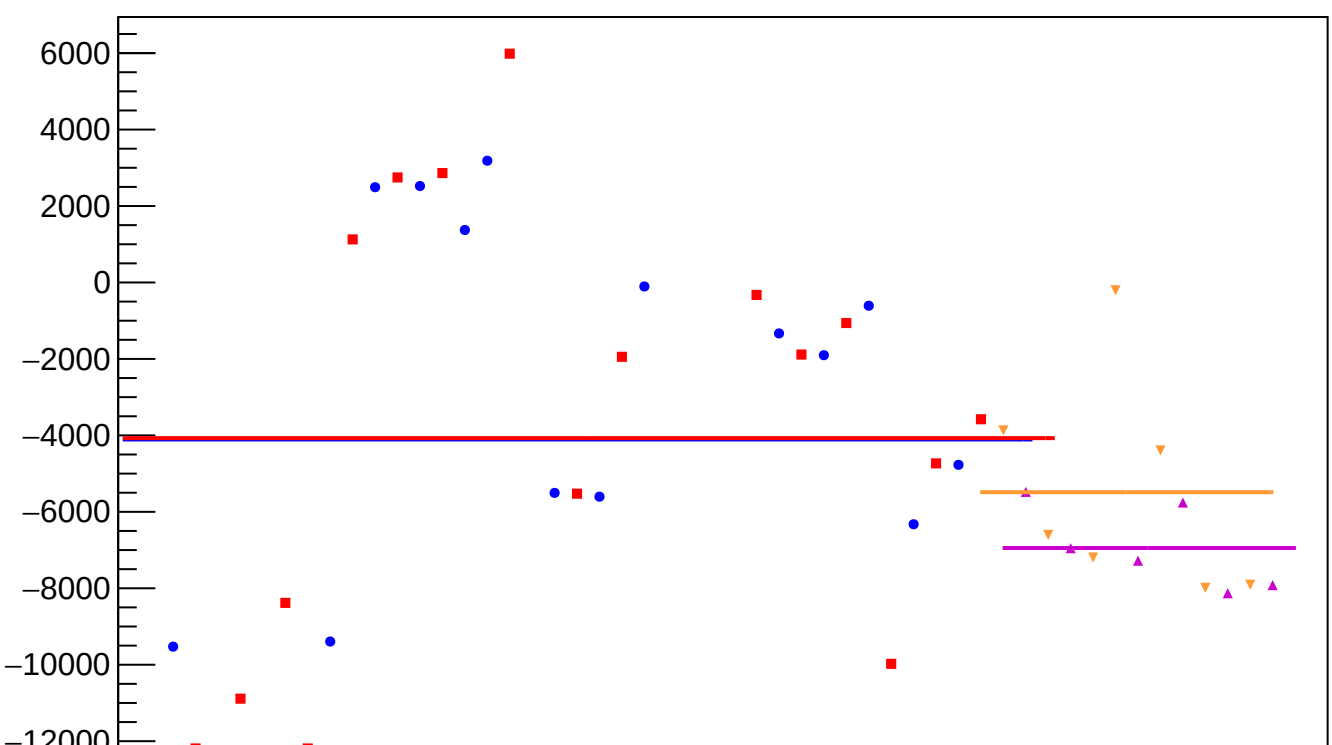
Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
+ sign 405.575+/-0.000 χ^2/NDF: 858821656319059
Left Out: 139.223+/-0.000 χ^2/NDF:7440764326817397232557540016075571 20.0/6
All: 570.842+/-0.000 χ^2/NDF: 440134615397
Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
- sign 734.007+/-0.000 χ^2/NDF: 347928959543847
Left In: 148.511+/-0.000 χ^2/NDF:7509095871094053350777442337502003 20.0/5

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left Out: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

+ sign -4718.328+/-0.000 χ^2/NDF: 1846151791634

Left Out: -5486.671+/-0.000 χ^2/NDF:3387266468531493338166079502371178676224.0/6

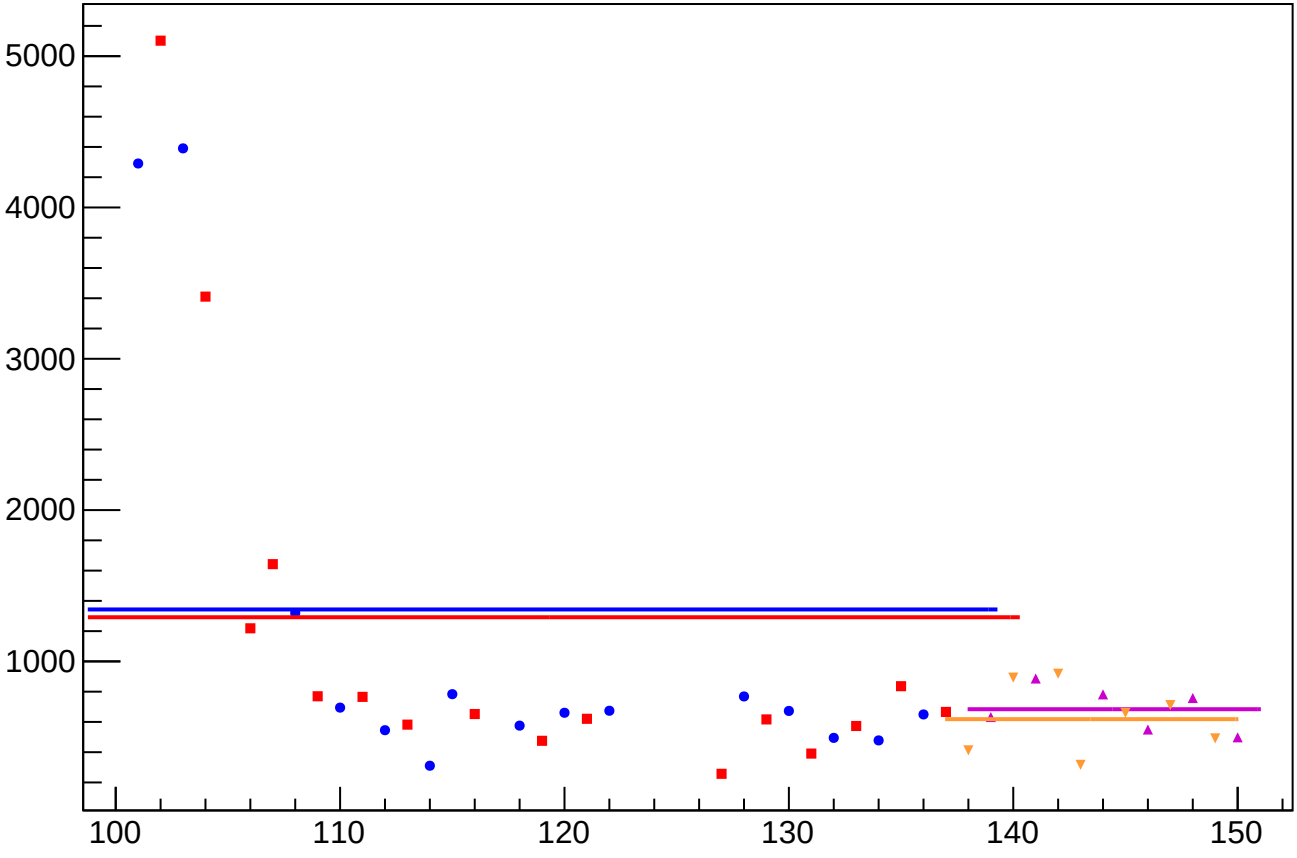
All: -5021.937+/-0.000 χ^2/NDF: 4194296373

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

- sign -5321.687+/-0.000 χ^2/NDF: 2326803535709 0

Left In: -6946.368+/-0.000 χ^2/NDF:5052893340070094050714778737503172034 56.0/5

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 1022.177+/-0.000 χ^2/NDF: 14905153994918

Left Out: 618.258+/-0.000 χ^2/NDF:2191757999594286853103323976576899481 6.0/6

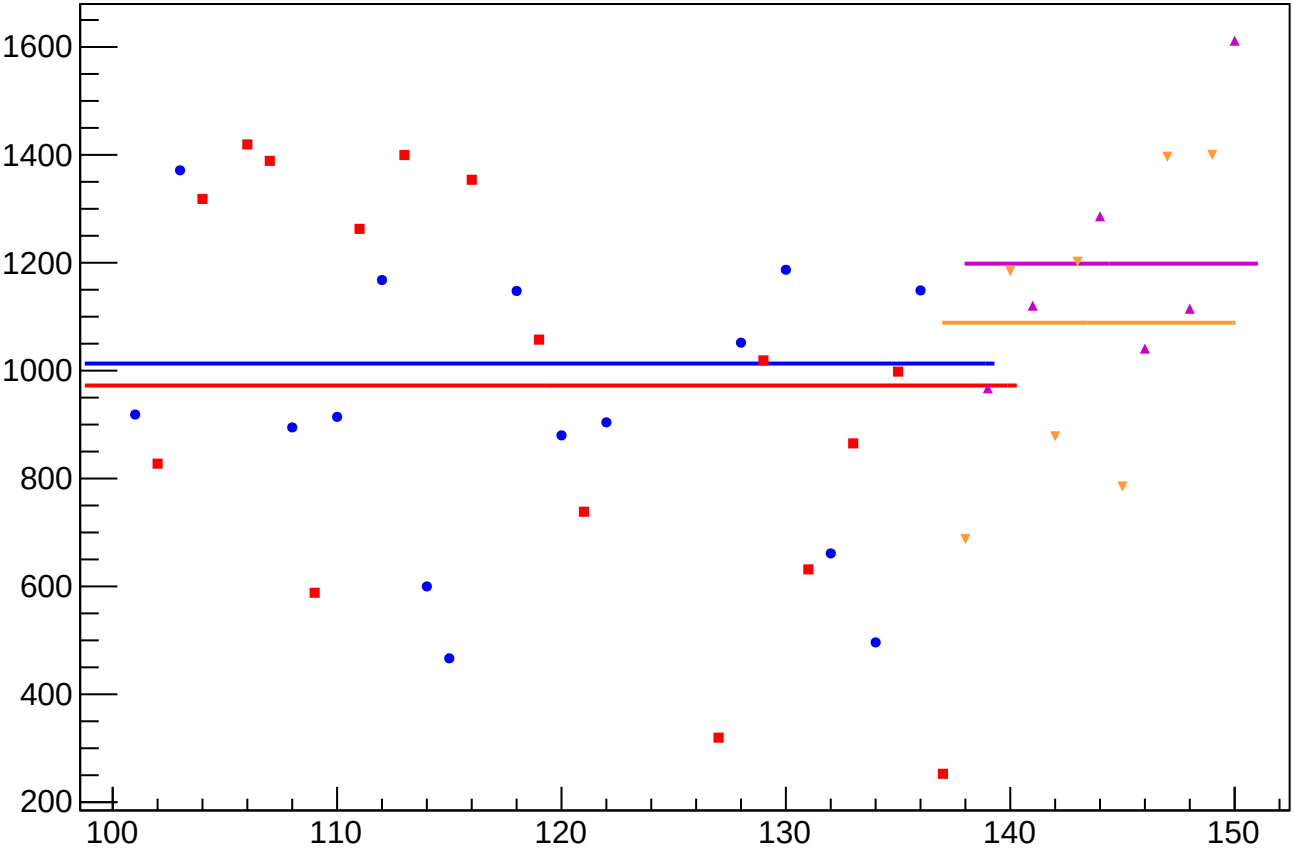
All: 1024.899+/-0.000 χ^2/NDF: 2930863497 9

Right Out: 1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

- sign 1027.587+/-0.000 χ^2/NDF: 14403309400425

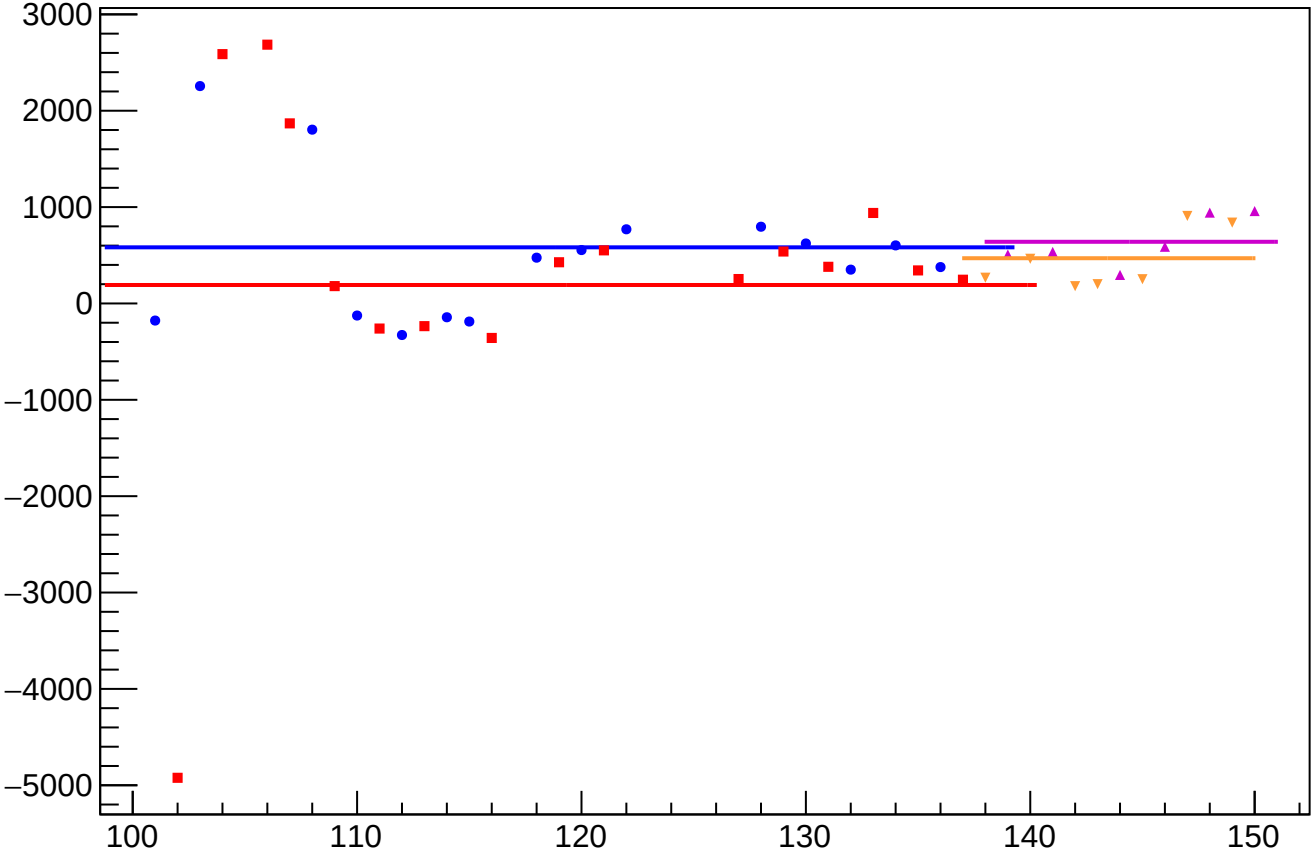
Left In: 684.063+/-0.000 χ^2/NDF:9662640389913892301700076906525753344.0/5

dit_atl2_coil6_Ndata_mean vs Slug



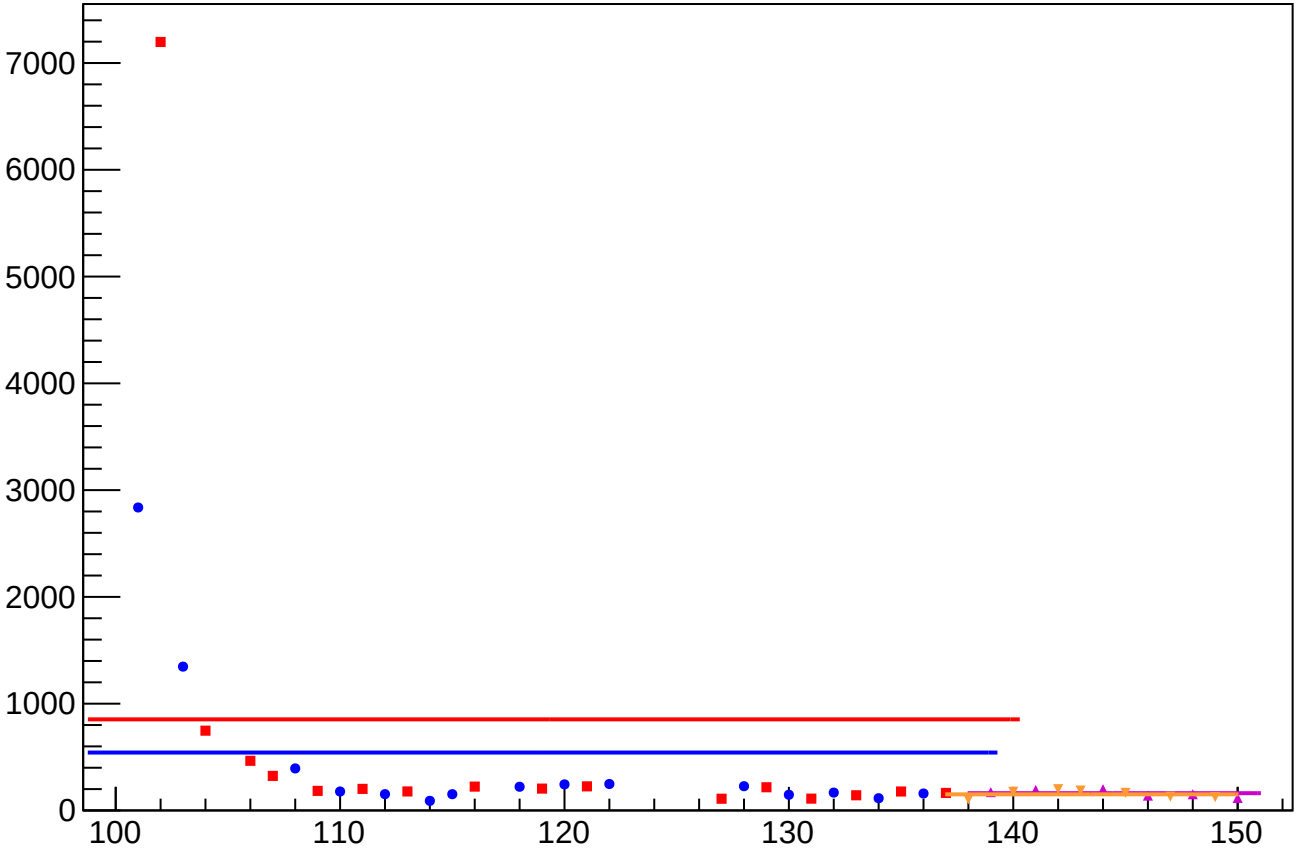
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left Out: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14
+ sign 532.349+/-0.000 χ^2/NDF: 384714318913703
Left Out: 469.409+/-0.000 χ^2/NDF:422485195624622936303930838106505216 00.0/6
All: 458.958+/-0.000 χ^2/NDF: 265427333103
Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15
- sign 386.500+/-0.000 χ^2/NDF: 225708891697613
Left In: 639.924+/-0.000 χ^2/NDF:300400253398963232659748772640215531 52.0/5

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

+ sign 369.008+/-0.000 χ^2/NDF: 458924732409125

Left Out: 151.015+/-0.000 χ^2/NDF:529386191173081266325992910748647424.0/6

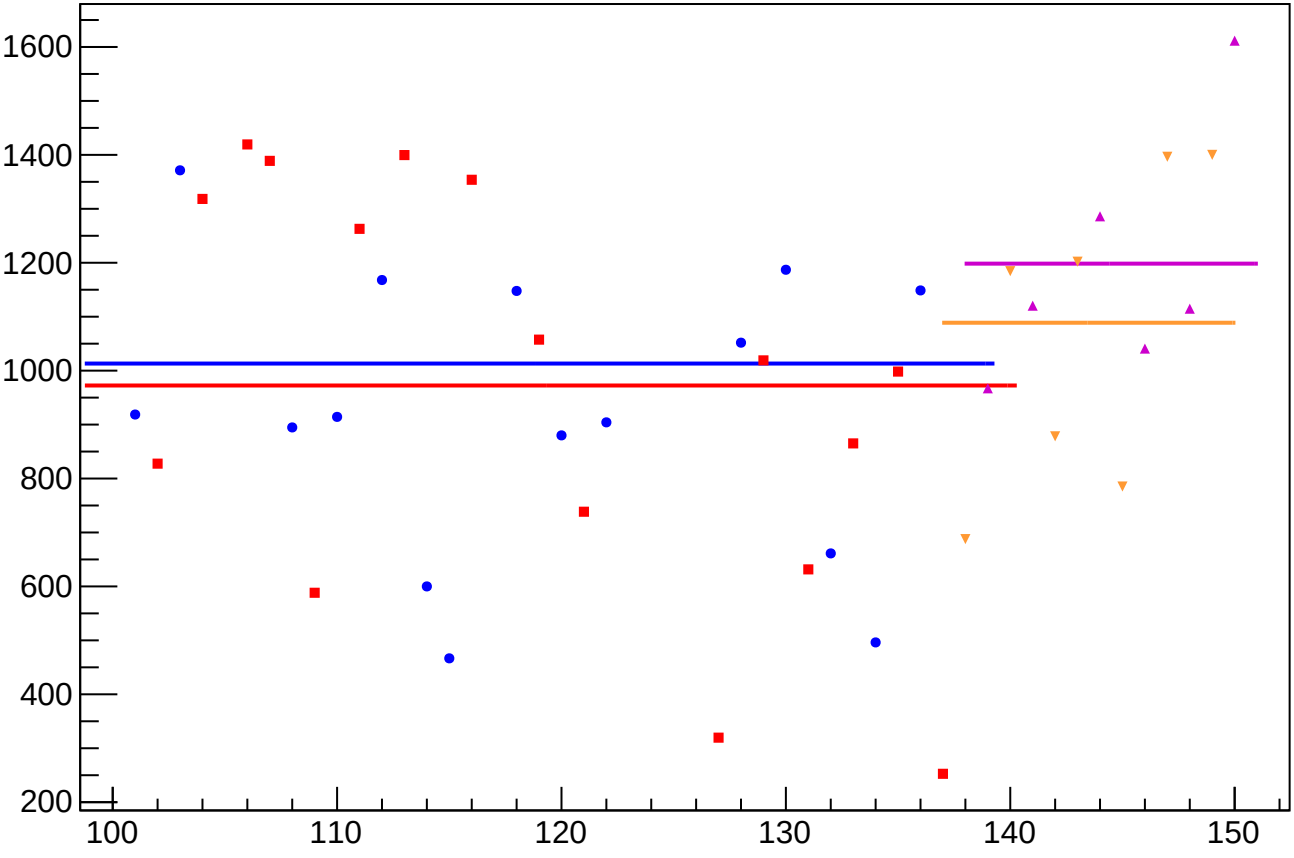
All: 461.384+/-0.000 χ^2/NDF: 319185256089

Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

- sign 552.587+/-0.000 χ^2/NDF: 271317136532218

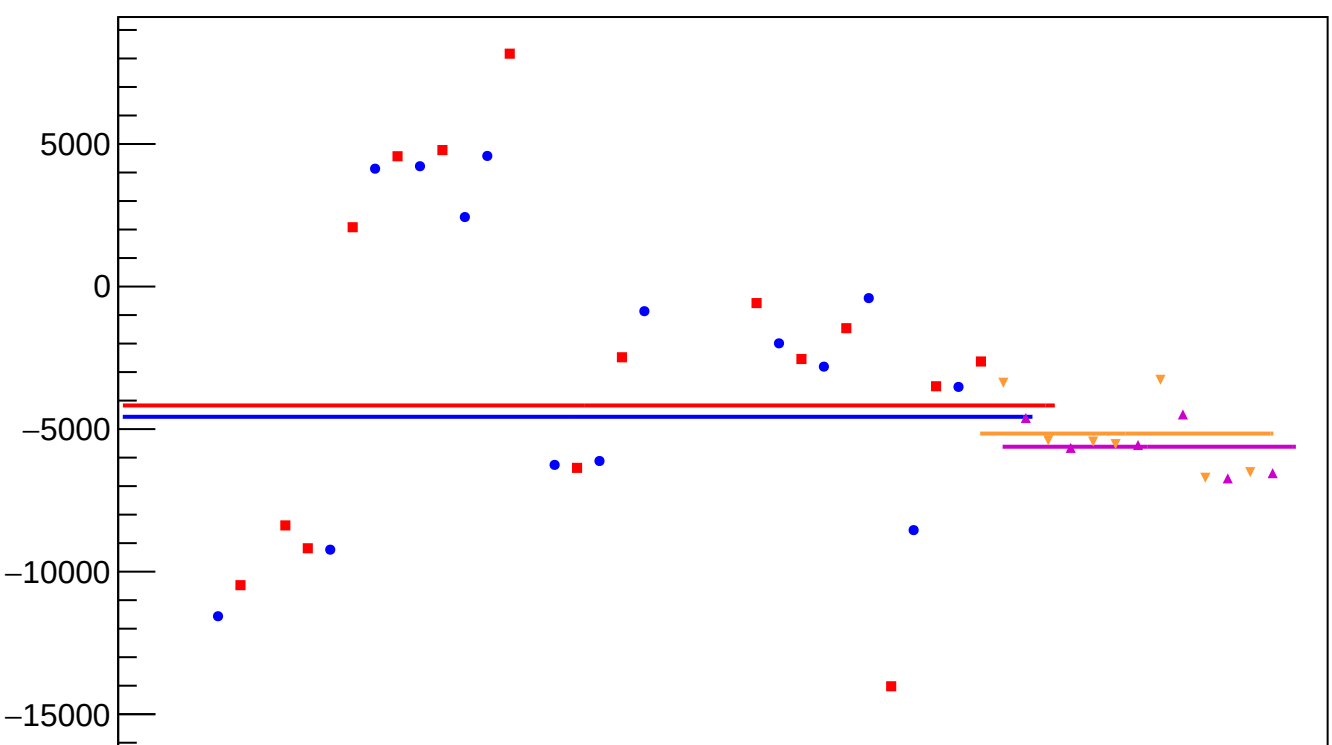
Left In: 161.726+/-0.000 χ^2/NDF:446105917053267514791215220710703104.0/5

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left Out: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14

Left Out: -5156.681+/-0.000 χ^2/NDF:894409156000312219689027572452300947456.0/6

Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302412 8.0/15

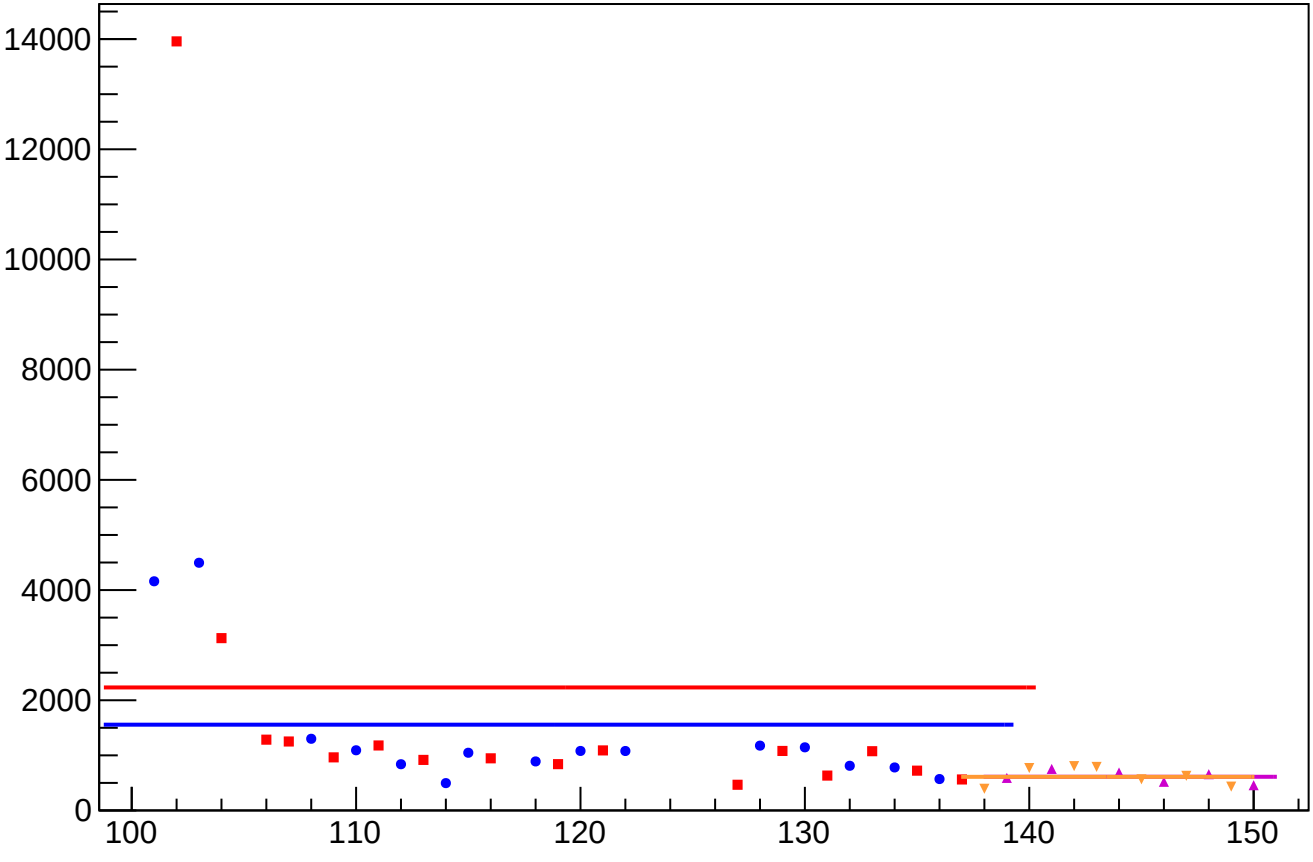
Left In: -5618.188+/-0.000 χ^2/NDF:3709144030839432713712714424988299427 84.0/5

+ sign -4828.903+/-0.000 χ^2/NDF: 2518897685415

All: -4814.374+/-0.000 χ^2/NDF: 5713513083

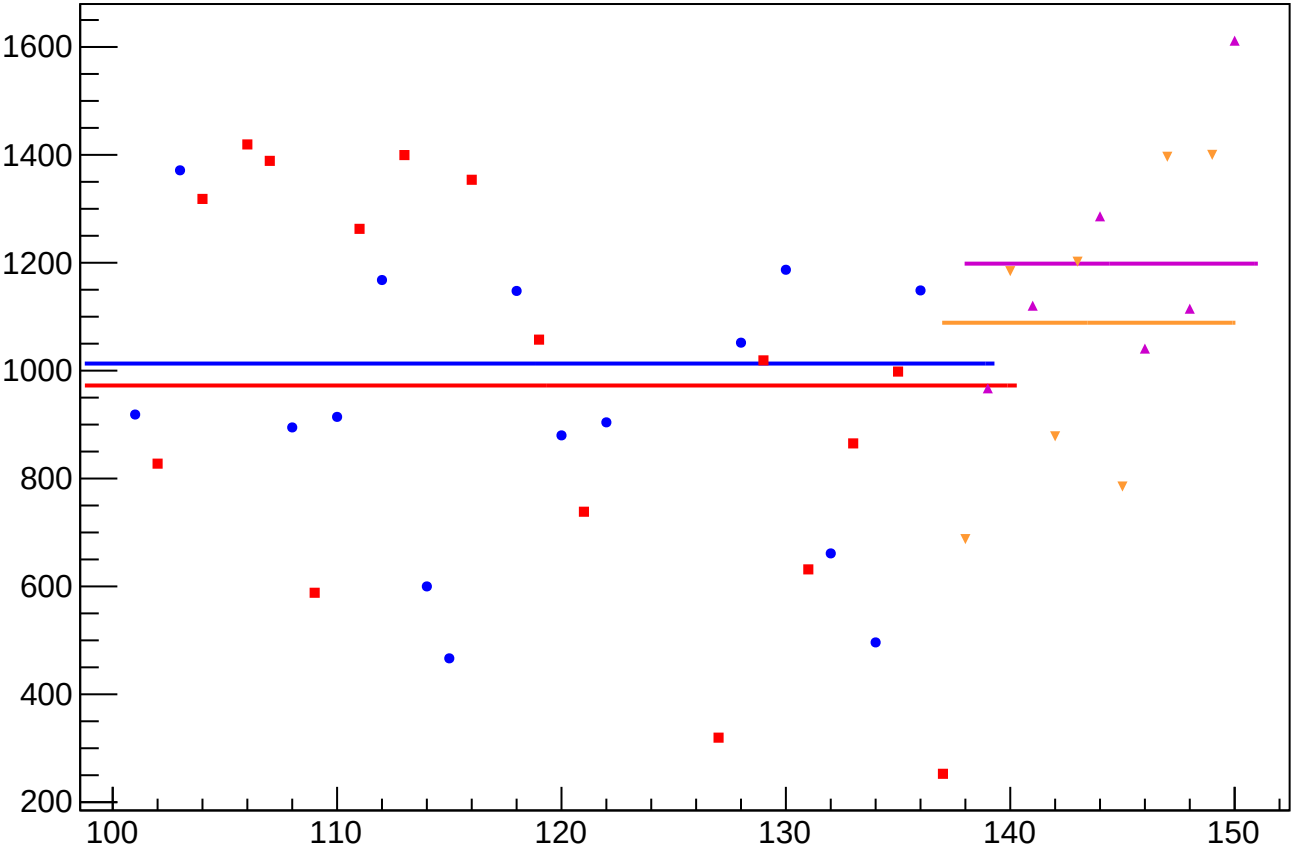
- sign -4800.030+/-0.000 χ^2/NDF: 3194566528458 6

dit_atr2_coil6_err_mean vs Slug



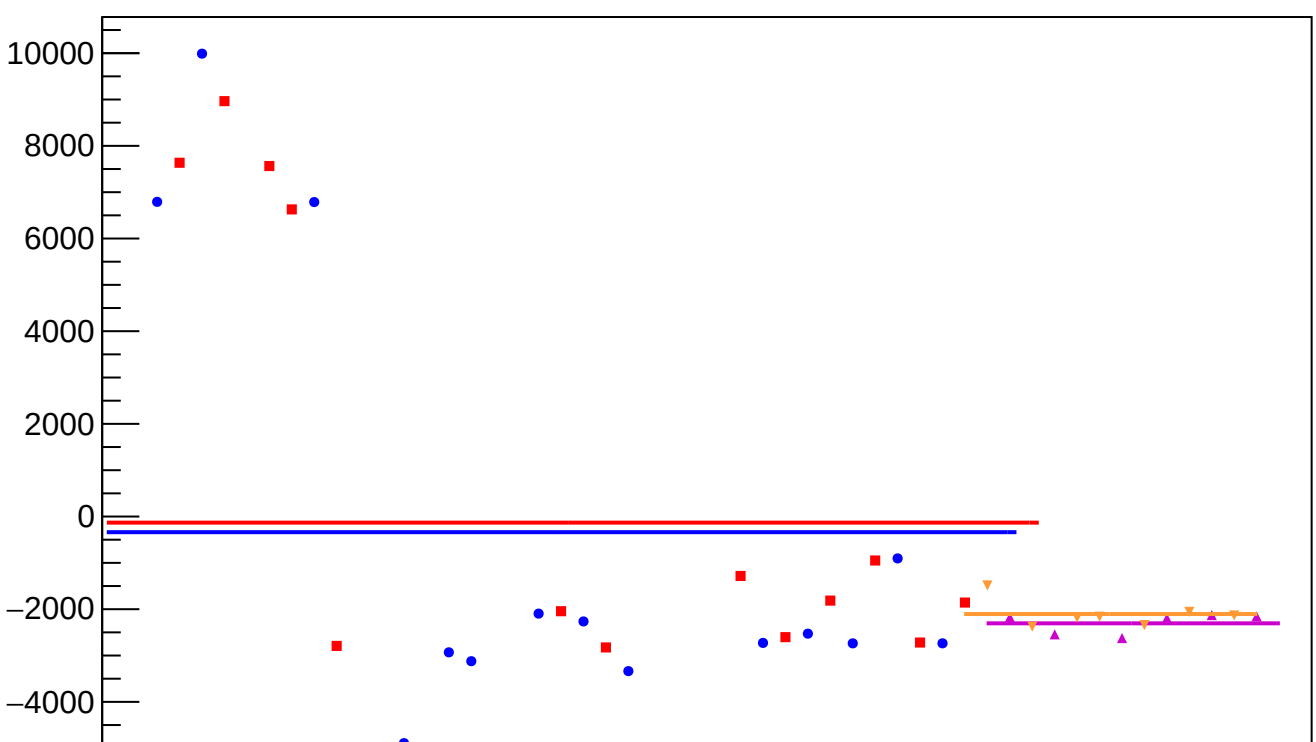
Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14
+ sign 1137.503+/-0.000 χ^2/NDF: 14094230695997
Left Out: 610.177+/-0.000 χ^2/NDF:1249270719968084821527005679852086886 4.0/6
All: 1333.822+/-0.000 χ^2/NDF: 1125663381 6
Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233 2928.0/15
- sign 1527.647+/-0.000 χ^2/NDF: 97579799459576
Left In: 611.174+/-0.000 χ^2/NDF:5307333589730993390252045484200820736.0/5

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left In: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

+ sign -1120.086+/-0.000 χ^2/NDF: 1609016865094

Left Out: -2103.927+/-0.000 χ^2/NDF:4109060380342300607141250597582064844 8.0/6

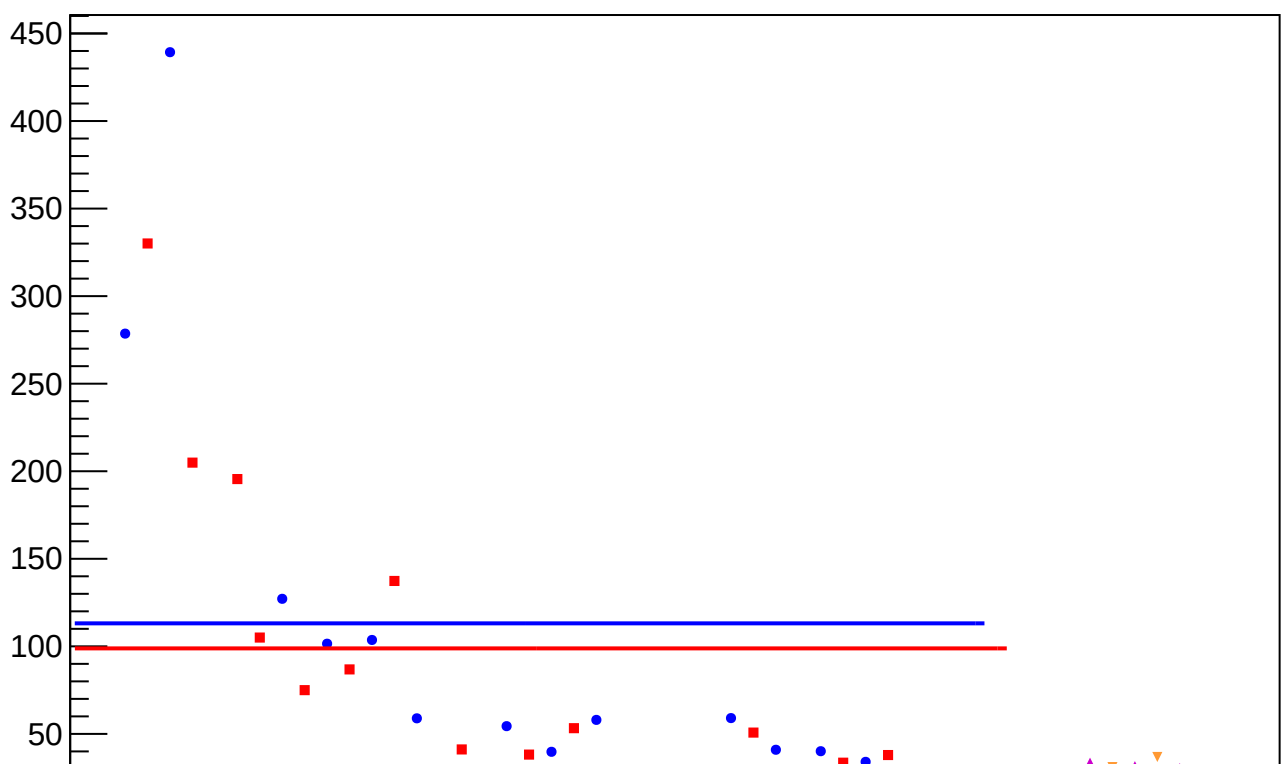
All: -1098.114+/-0.000 χ^2/NDF: 3395515668

Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15

- sign -1076.420+/-0.000 χ^2/NDF: 1786387024744 8

Left Out: -2304.941+/-0.000 χ^2/NDF:2091075964006960018918143369289295462 4.0/5

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 74.369+/-0.000 χ^2/NDF: 1221651589671638

Left Out: 25.613+/-0.000 χ^2/NDF:2499914433242531779415695967859507 2.0/6

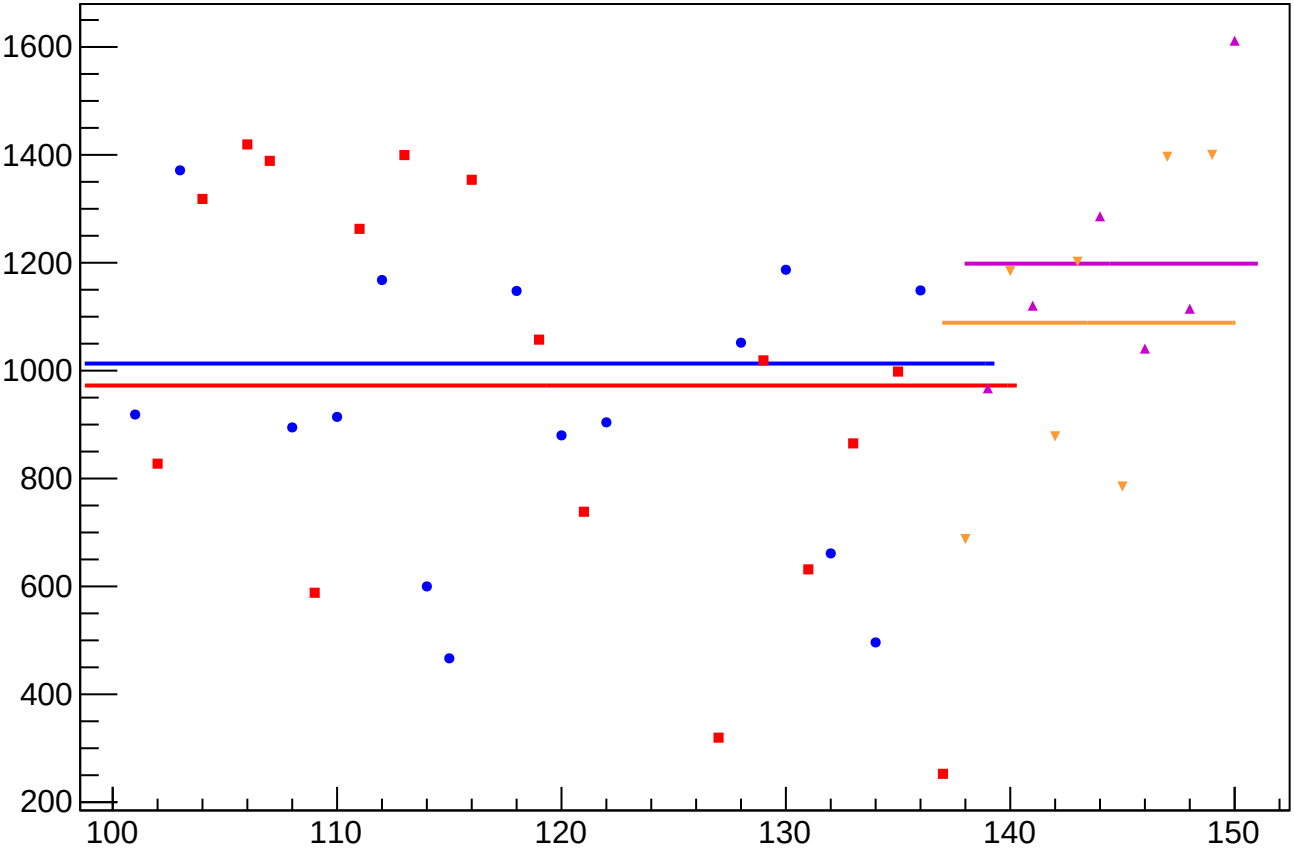
All: 71.406+/-0.000 χ^2/NDF: 1916698269381

Right Out: 98.833+/-0.000 χ^2/NDF: 551036530859042633395361070126098022 4.0/15

- sign 68.481+/-0.000 χ^2/NDF: 6930143122189473

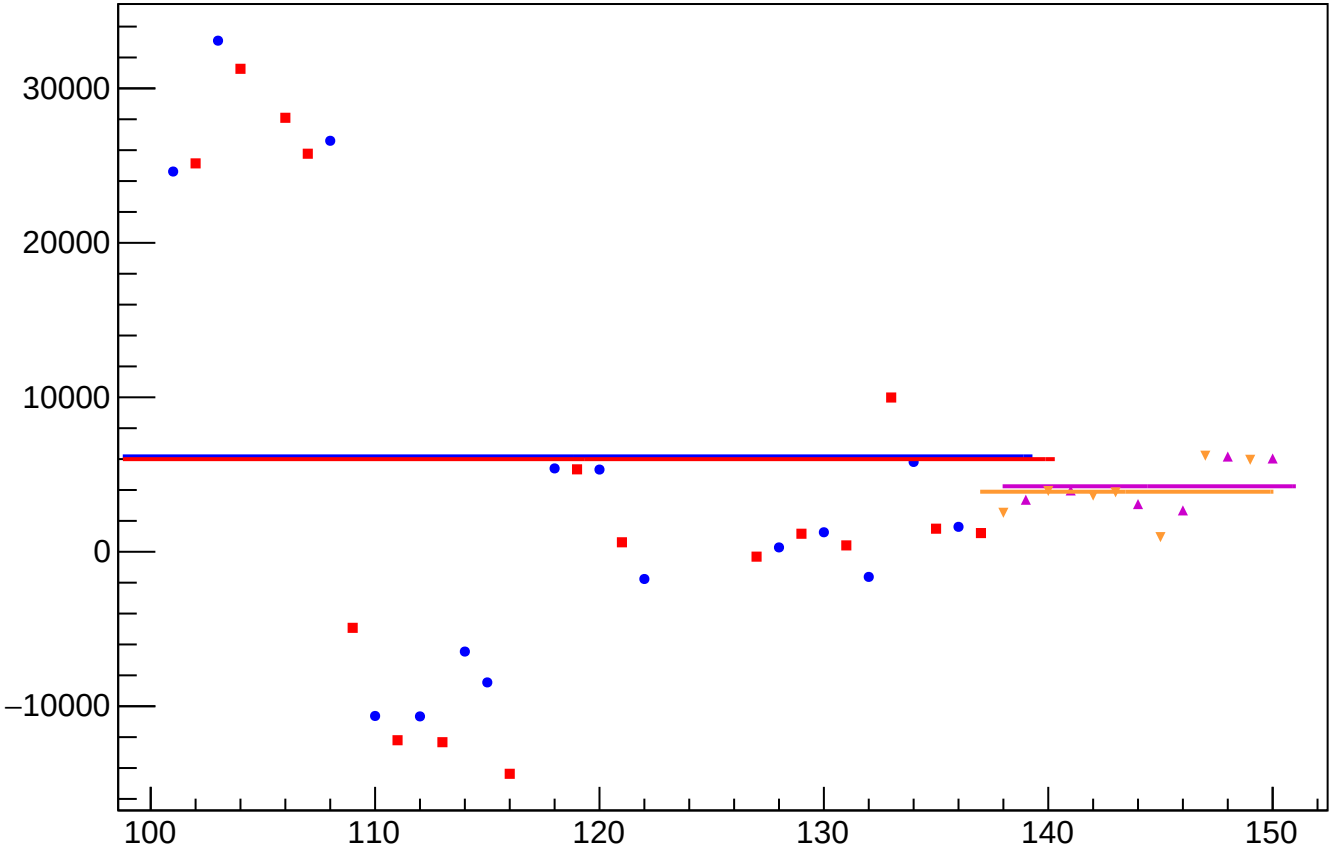
Left In: 29.017+/-0.000 χ^2/NDF:6362839980203956579724584684617728.0/5

dit_sam1_coil6_Ndata_mean vs Slug



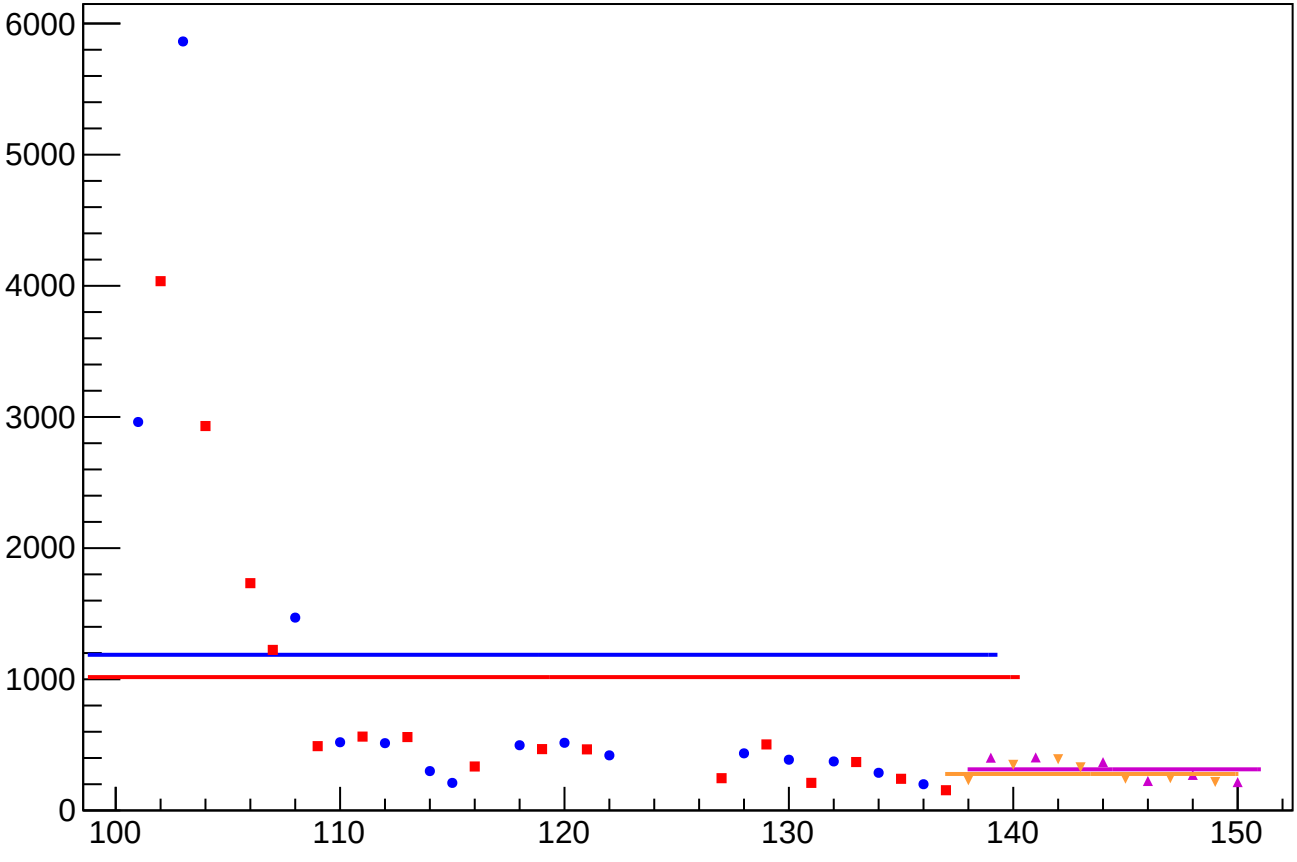
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left In: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
+ sign 5162.716+/-0.000 χ^2/NDF: 12039499734306
Left Out: 3888.895+/-0.000 χ^2/NDF:16311572724856571423698555048054939975 68.0/6
All: 5198.131+/-0.000 χ^2/NDF: 2593440861 9
Right Out: 5996.727+/-0.000 χ^2/NDF: 137057710785025136543407710107916356812800.0/15
- sign 5233.096+/-0.000 χ^2/NDF: 13894618509466
Left In: 4240.227+/-0.000 χ^2/NDF:9938157098643716866069728708689741 74208.0/5

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 784.361+/-0.000 χ^2/NDF: 203565699824366

Left Out: 278.134+/-0.000 χ^2/NDF:1826372621463241409305884637452566528.0/6

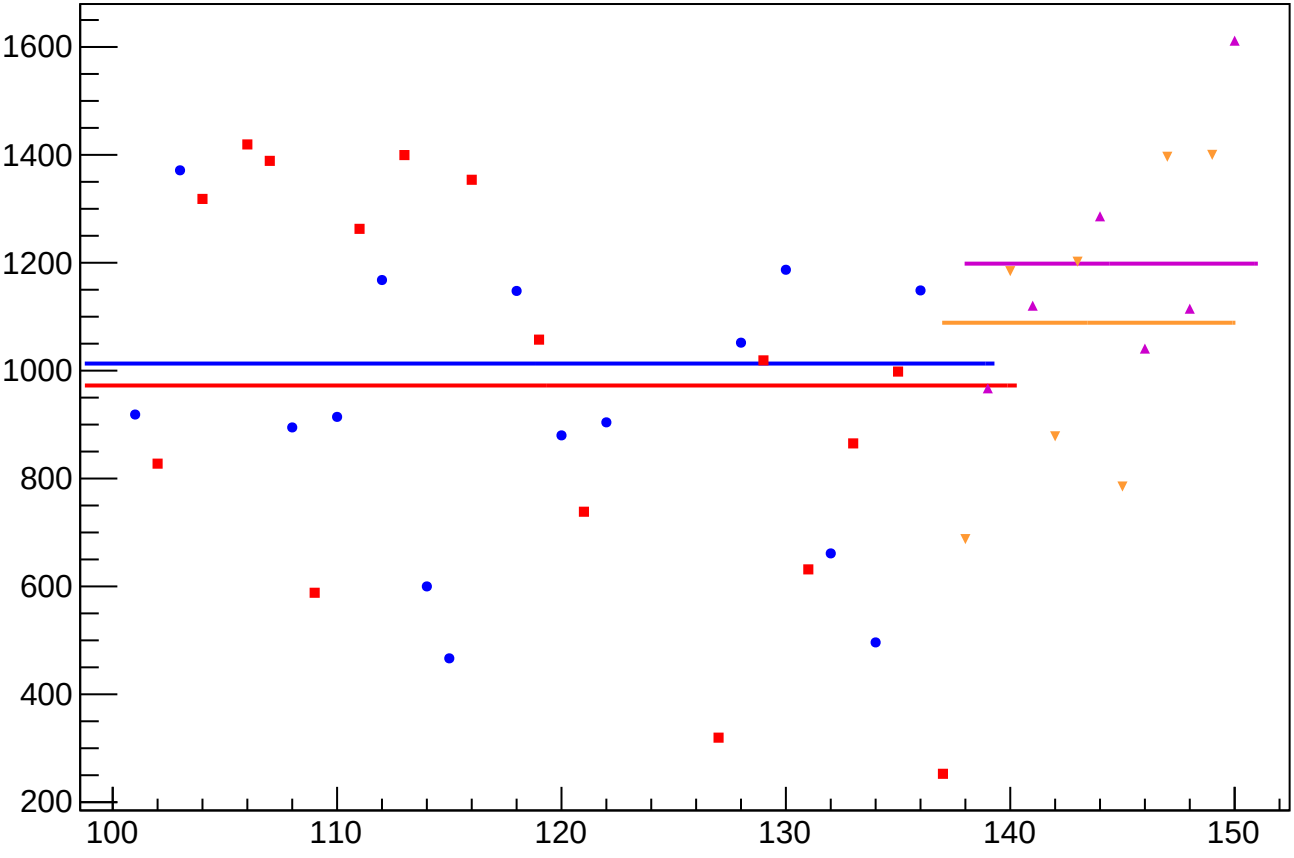
All: 747.479+/-0.000 χ^2/NDF: 311307839107

Right Out: 1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

- sign 711.066+/-0.000 χ^2/NDF: 107427211901131

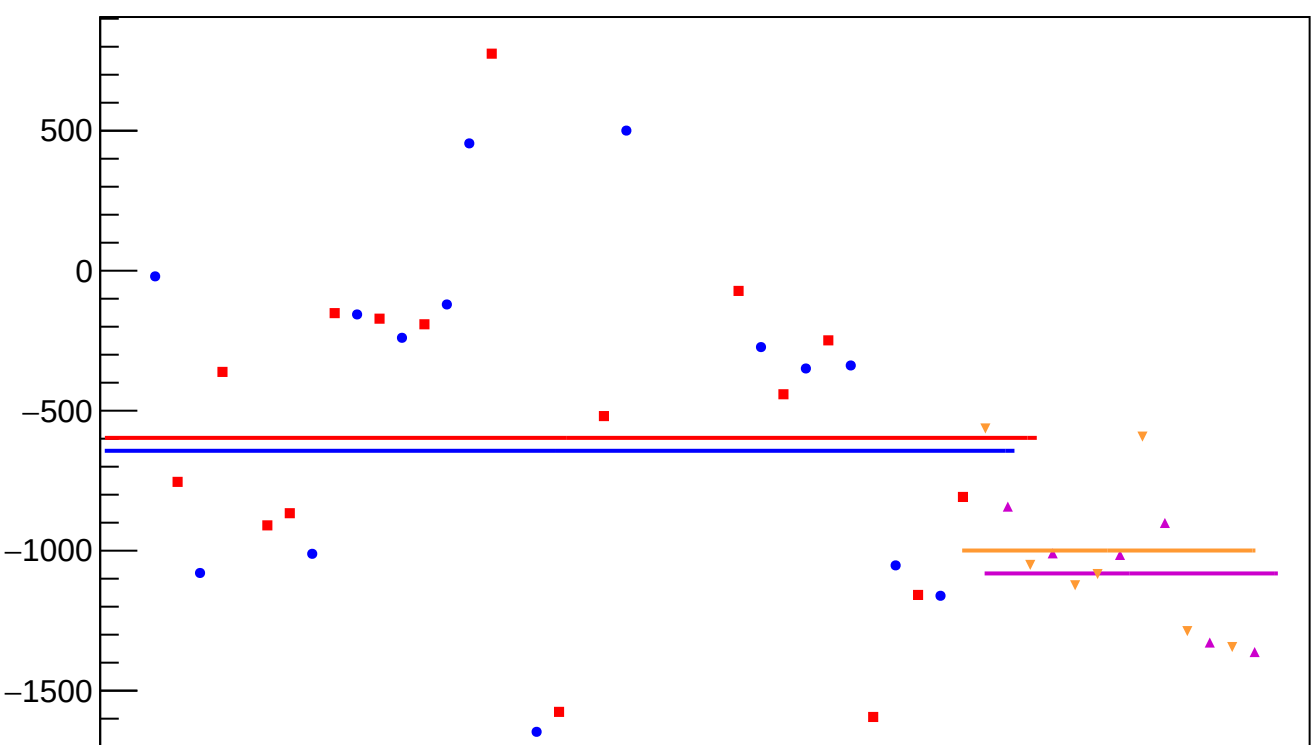
Left In: 313.641+/-0.000 χ^2/NDF:3280497770594092138218852928152666112.0/5

dit_sam2_coil6_Ndata_mean vs Slug



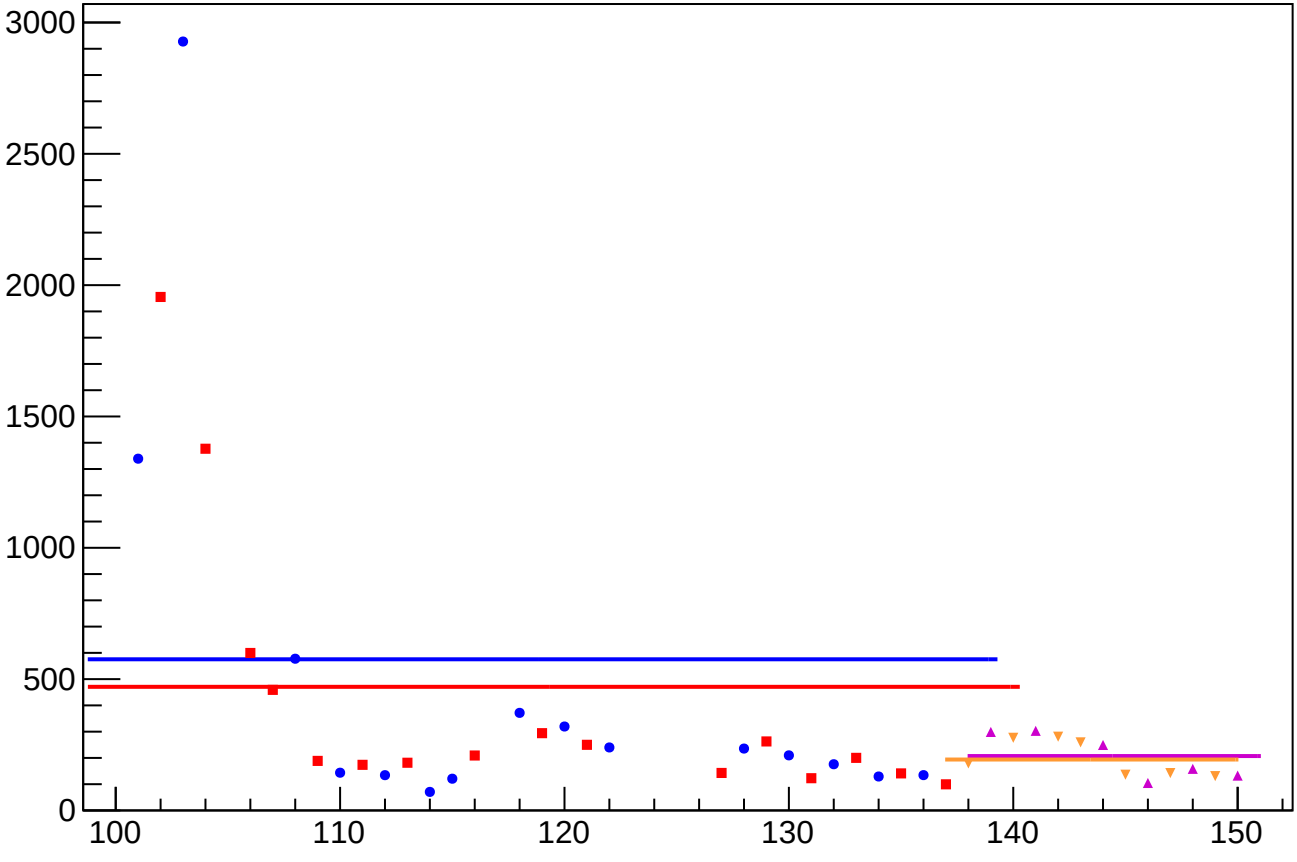
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left In: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
+ sign -800.982+/-0.000 χ^2/NDF: 35527519166401
Left Out: -999.412+/-0.000 χ^2/NDF:46077546242605715745634457661858643968.0/6
All: -804.296+/-0.000 χ^2/NDF: 65446032200
Right Out: -597.043+/-0.000 χ^2/NDF: 21073337079803144936350400431900537 6512.0/15
- sign -807.567+/-0.000 χ^2/NDF: 299159716261044
Left In: -1081.289+/-0.000 χ^2/NDF:20428767108519911678896703196540960768.0/5

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

+ sign 406.497+/-0.000 χ^2/NDF: 476570304428799

Left Out: 193.900+/-0.000 χ^2/NDF:202583797041079969611506900676273766 4.0/6

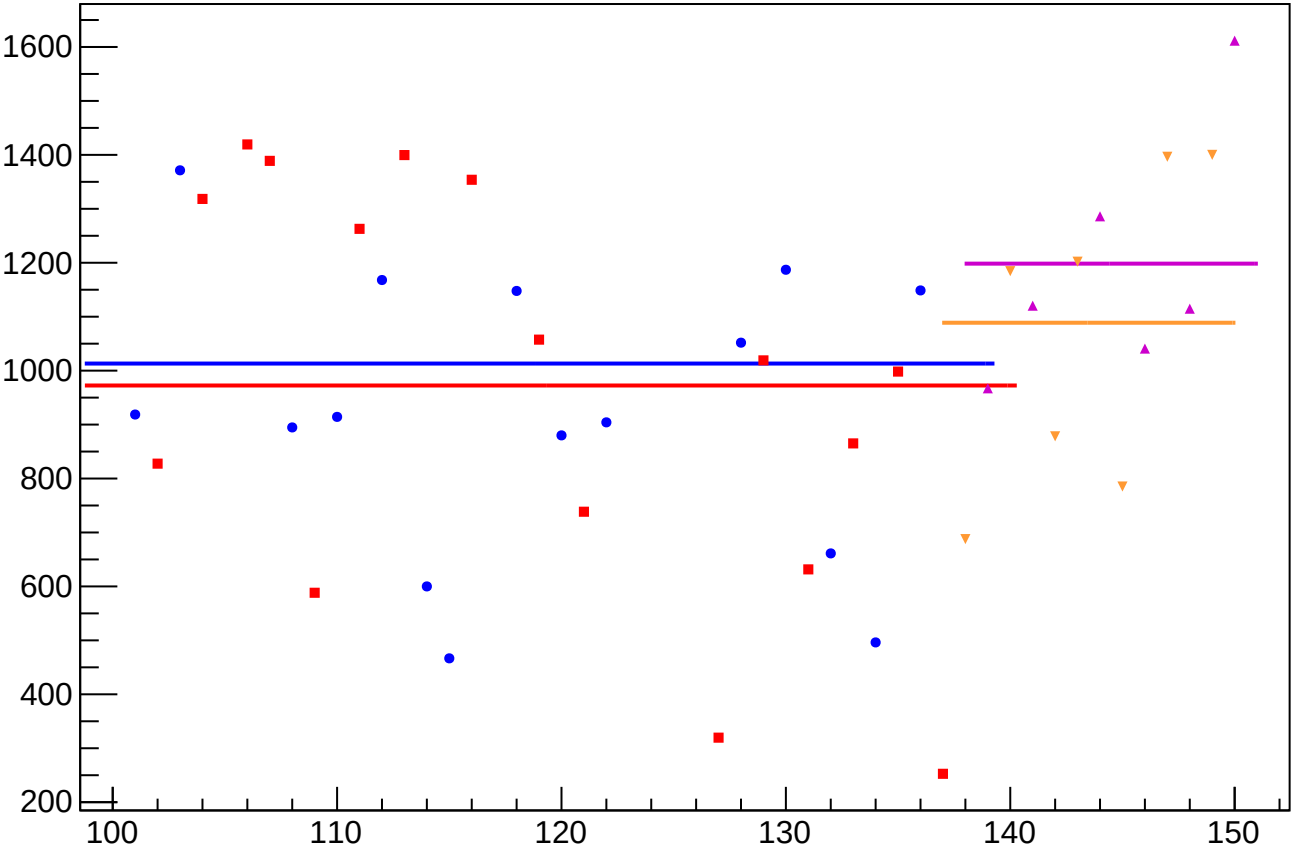
All: 381.149+/-0.000 χ^2/NDF: 710716350478

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

- sign 356.123+/-0.000 χ^2/NDF: 232658495075152

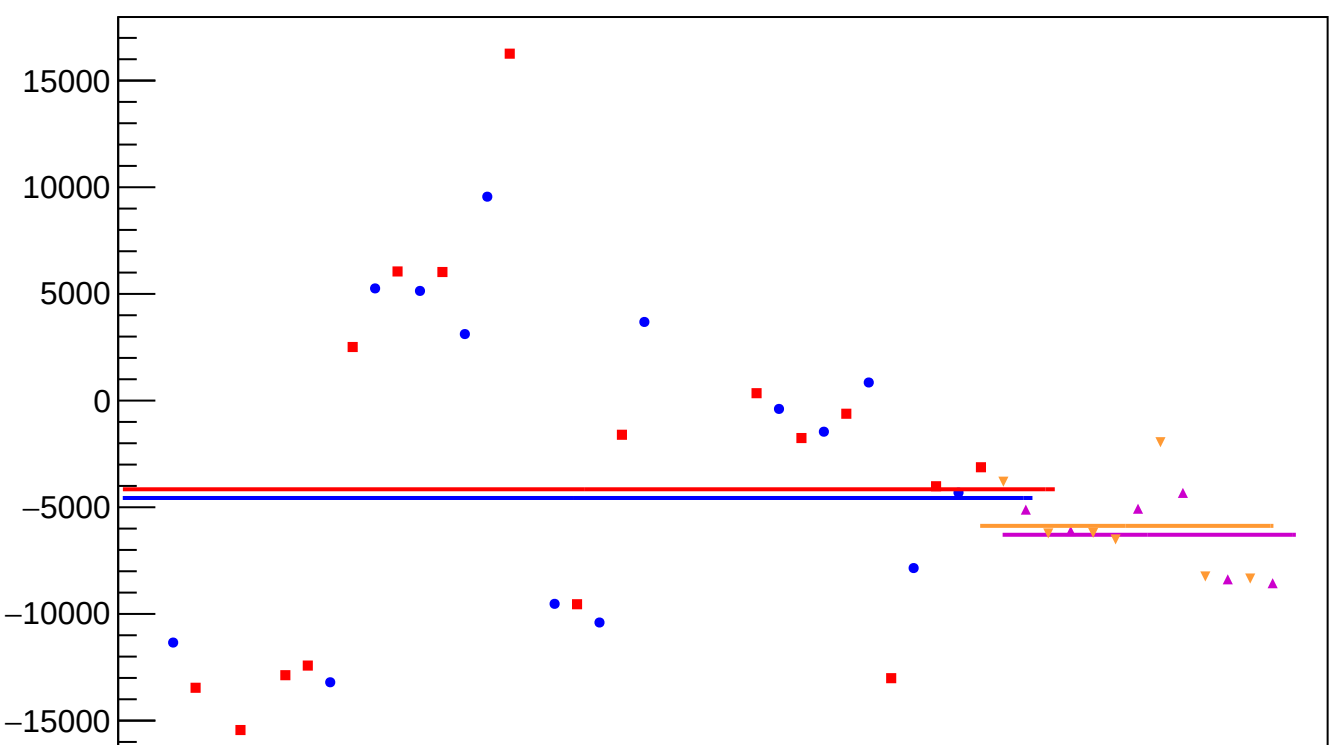
Left In: 207.130+/-0.000 χ^2/NDF:320108992392568555772778869646426 1120.0/5

dit_sam3_coil6_Ndata_mean vs Slug



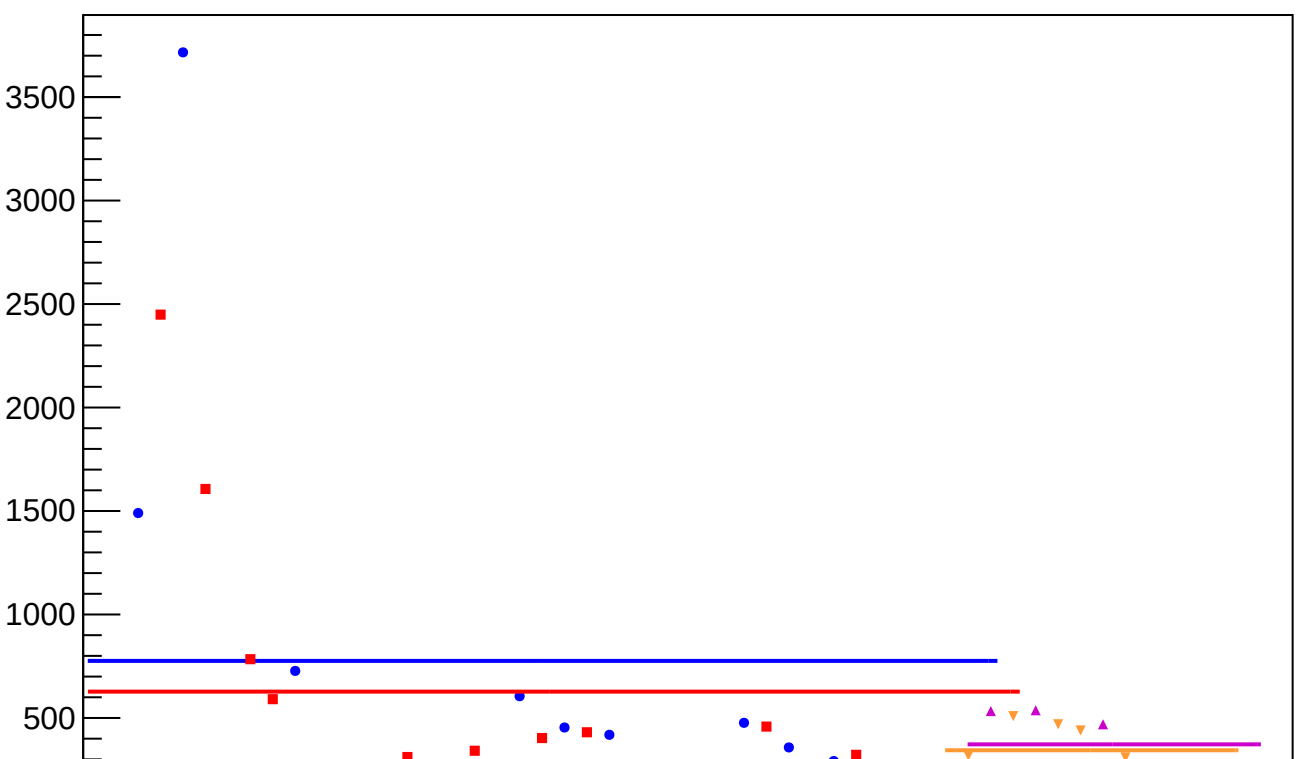
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left In: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
+ sign -5144.063+/-0.000 χ^2/NDF: 3873100728709
Left Out: -5871.863+/-0.000 χ^2/NDF:2572608752827895599987484166897509859328.0/6
All: -5113.834+/-0.000 χ^2/NDF: 8699461018
Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219596 8.0/15
- sign -5083.989+/-0.000 χ^2/NDF: 4826148726822 8
Left Out: -6289.439+/-0.000 χ^2/NDF:1403252917725617342749906813635906240512.0/5

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 344.027+/-0.000 χ^2/NDF:641452833203880352743725219639302553 6.0/6

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

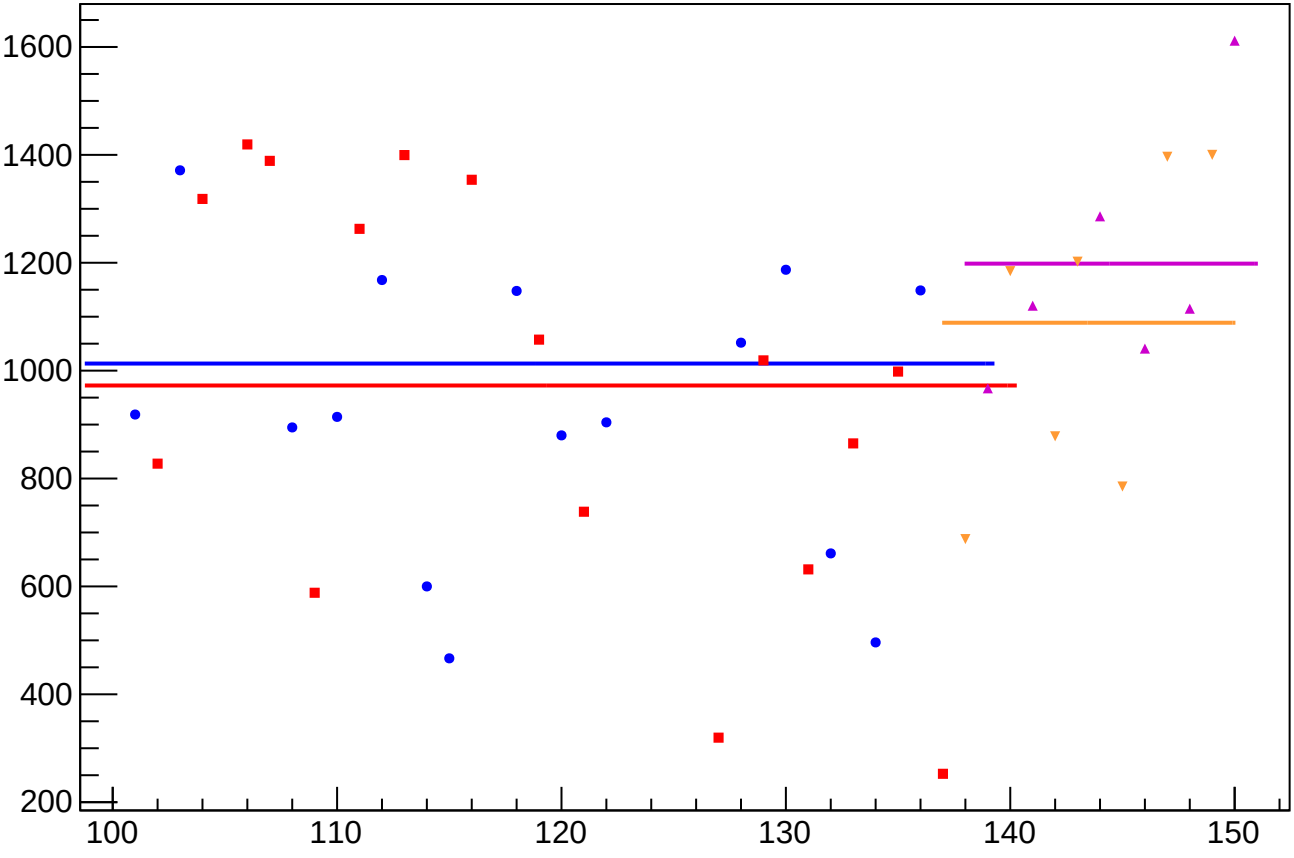
Left In: 372.606+/-0.000 χ^2/NDF:102321459916926416853015095694390722 56.0/5

+ sign 584.573+/-0.000 χ^2/NDF: 7018667538100 80

All: 550.360+/-0.000 χ^2/NDF: 10311392250 8

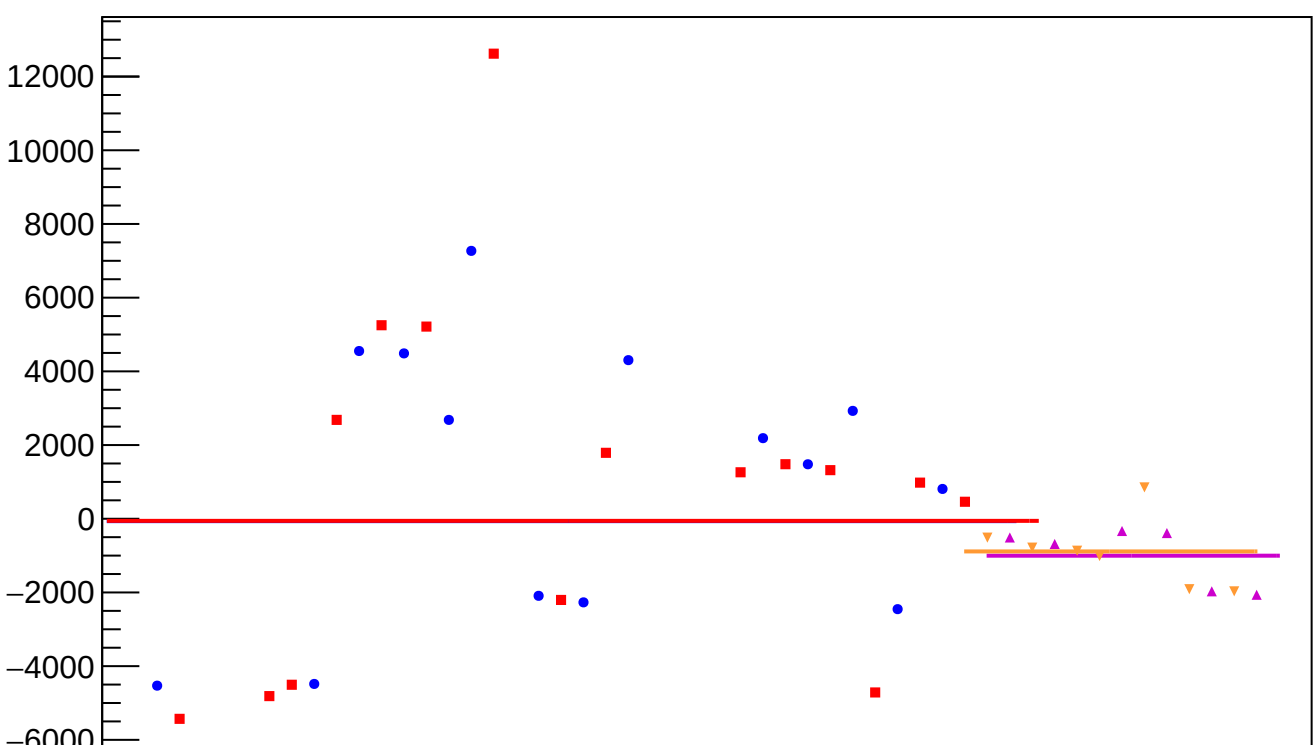
- sign 516.581+/-0.000 χ^2/NDF: 326562380136649

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left In: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

+ sign -428.845+/-0.000 χ^2/NDF: 10246505355213

Left Out: -886.785+/-0.000 χ^2/NDF:4380377183832865047815145702803279708 16.0/6

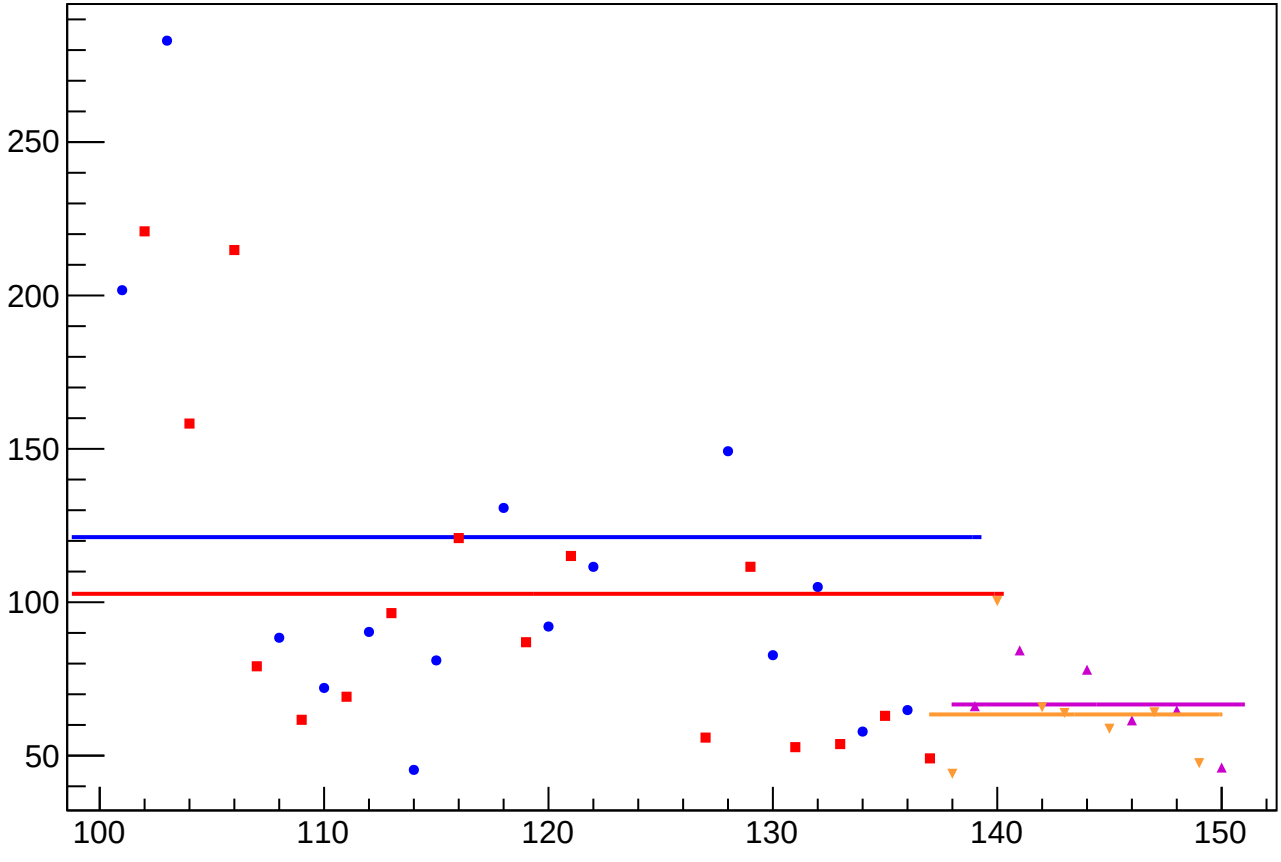
All: -448.596+/-0.000 χ^2/NDF: 2456793405 4

Right Out: -57.229+/-0.000 χ^2/NDF: 1378095897700870230194250545438717797 9904.0/15

- sign -468.096+/-0.000 χ^2/NDF: 14320525509088 9

Left In: -1002.304+/-0.000 χ^2/NDF:2805696865224336186123019569907934 16704.0/5

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF: 2723170857684362574800637594861305856.0/14

+ sign 95.627+/-0.000 χ^2/NDF: 3847838270592946

Left Out: 63.427+/-0.000 χ^2/NDF:1643109164692985889892459849705062 4.0/6

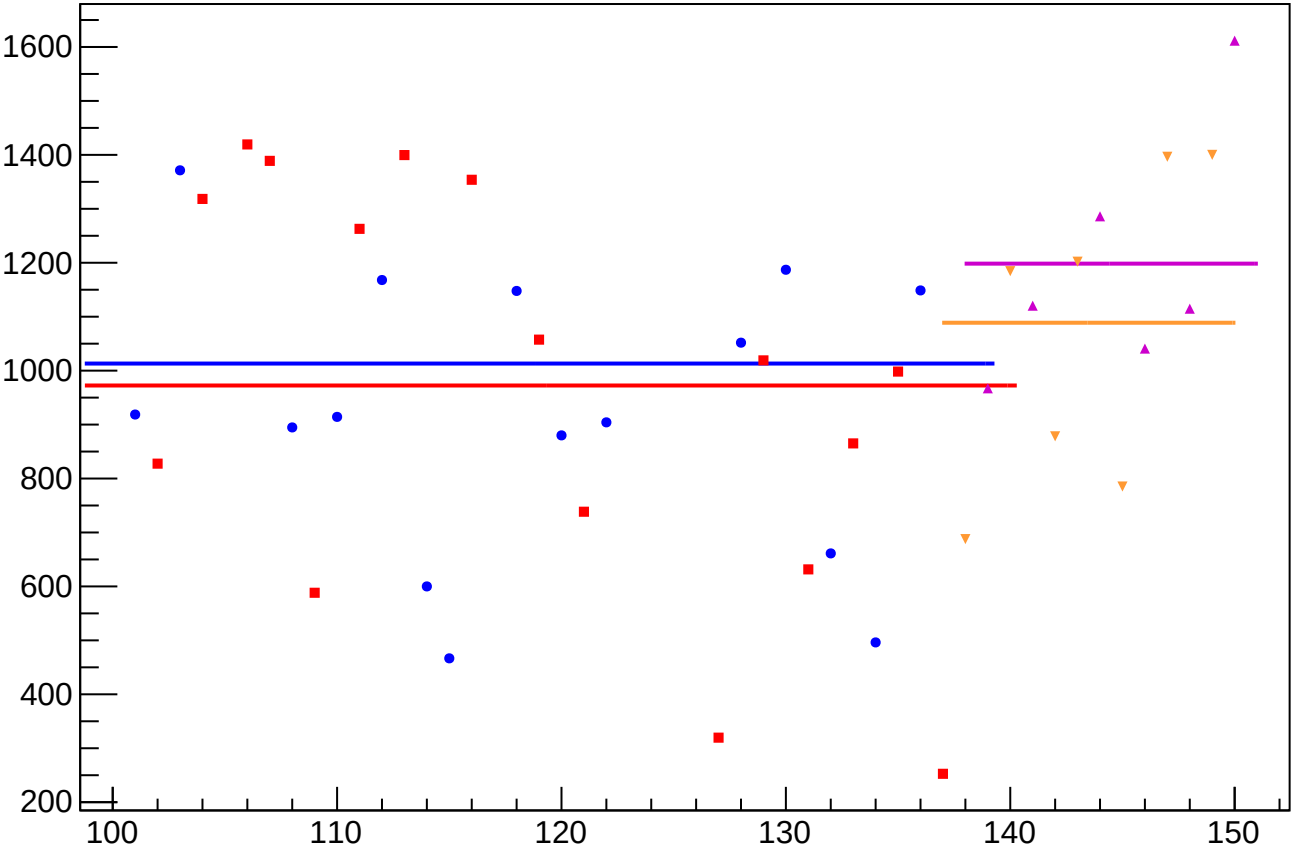
All: 91.319+/-0.000 χ^2/NDF: 631468812593 3

Right Out: 102.749+/-0.000 χ^2/NDF: 1967668024846010333654427670555918336.0/15

- sign 87.066+/-0.000 χ^2/NDF: 2423889066869912

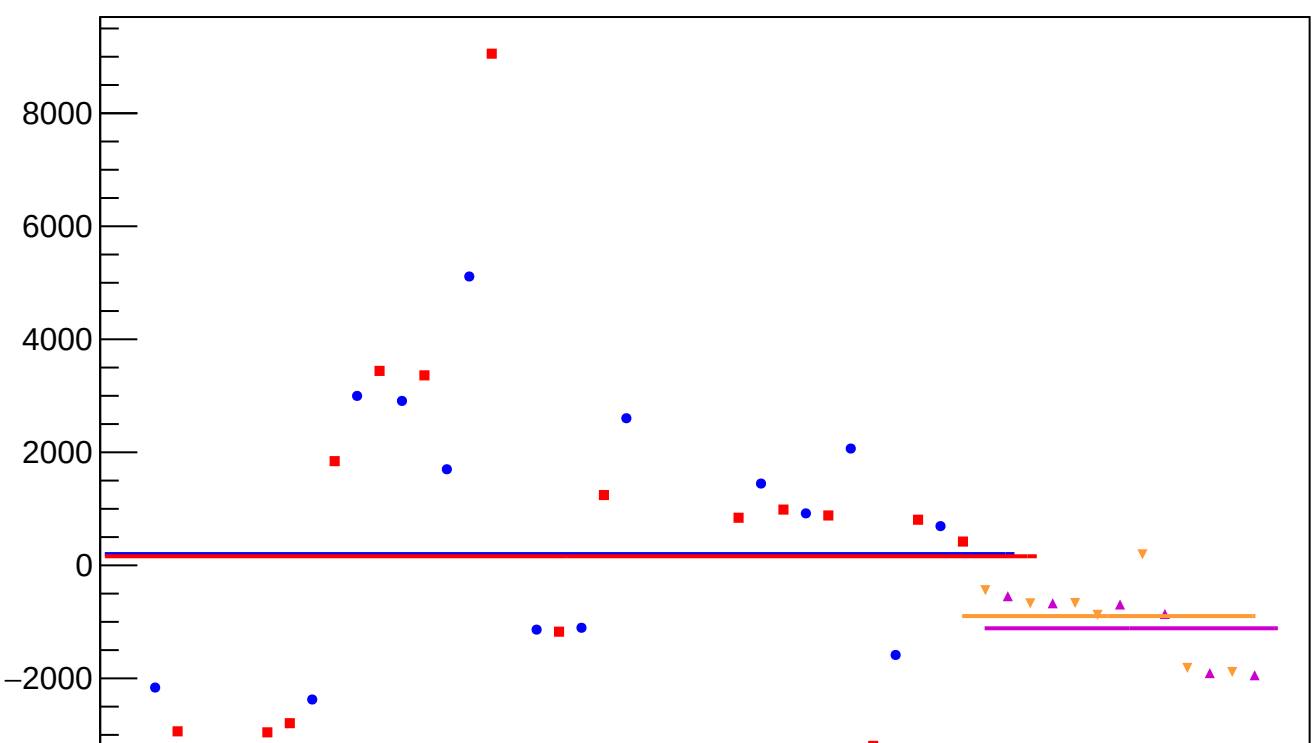
Left In: 66.676+/-0.000 χ^2/NDF:7888030016603659277077192466078105 6.0/5

dit_sam5_coil6_Ndata_mean vs Slug



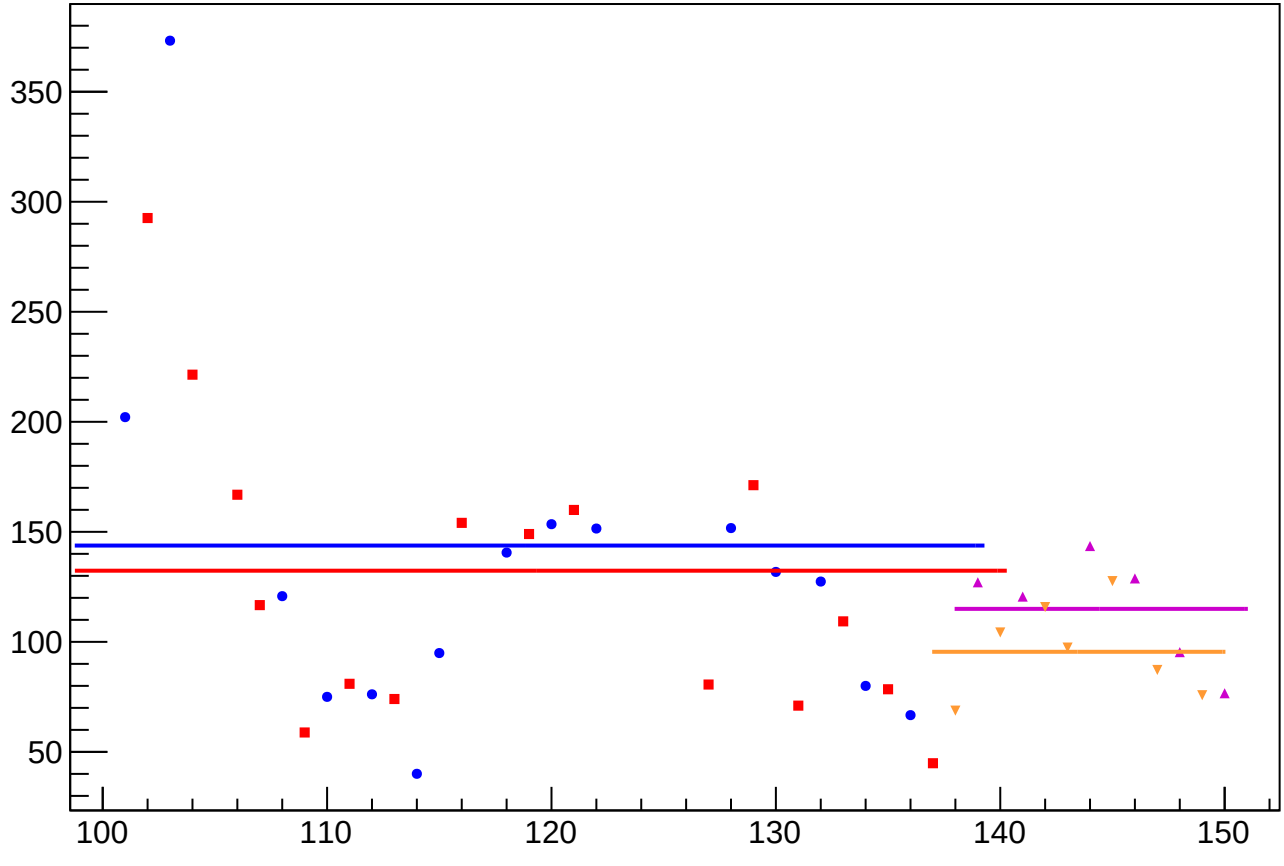
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left In: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14
+ sign -286.420+/-0.000 χ^2/NDF: 38817084996593
Left Out: -897.591+/-0.000 χ^2/NDF:267564518496037293132359430173387390976.0/6
All: -340.309+/-0.000 χ^2/NDF: 1021947822
Right Out: 160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15
- sign -393.512+/-0.000 χ^2/NDF: 633104640989093
Left In: -1113.852+/-0.000 χ^2/NDF:1795481059381633236290748182358141 17376.0/5

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

+ sign 122.380+/-0.000 χ^2/NDF: 53877882547661 2

Left Out: 95.484+/-0.000 χ^2/NDF:2029658694257076349424996774859243 52.0/6

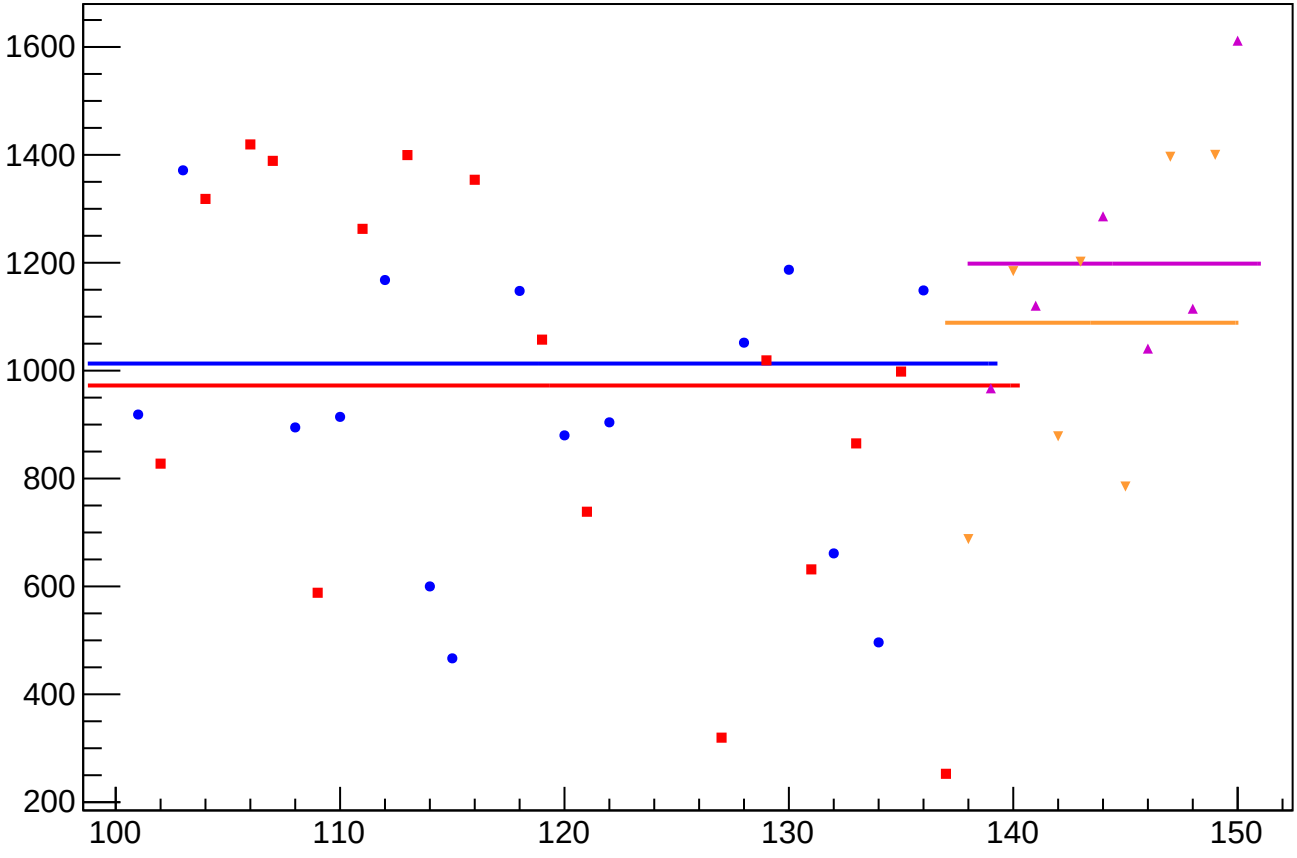
All: 123.598+/-0.000 χ^2/NDF: 89217622178 0

Right Out: 132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

- sign 124.800+/-0.000 χ^2/NDF: 35305391960480 5

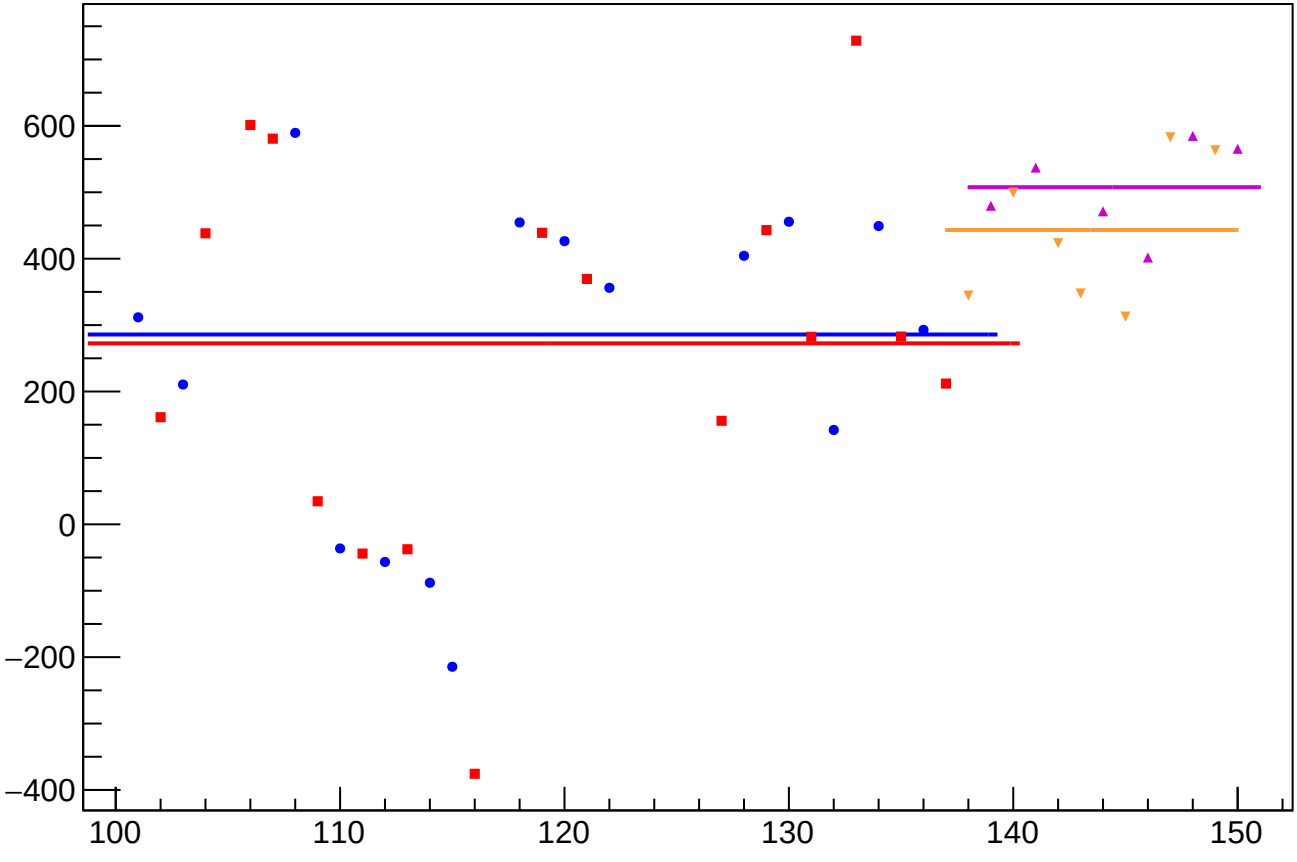
Left In: 114.996+/-0.000 χ^2/NDF:2692153833146454328425045956965171 20.0/5

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left In: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 443.188+/-0.000 χ^2/NDF:5753325972254686398267158593693286400.0/6

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

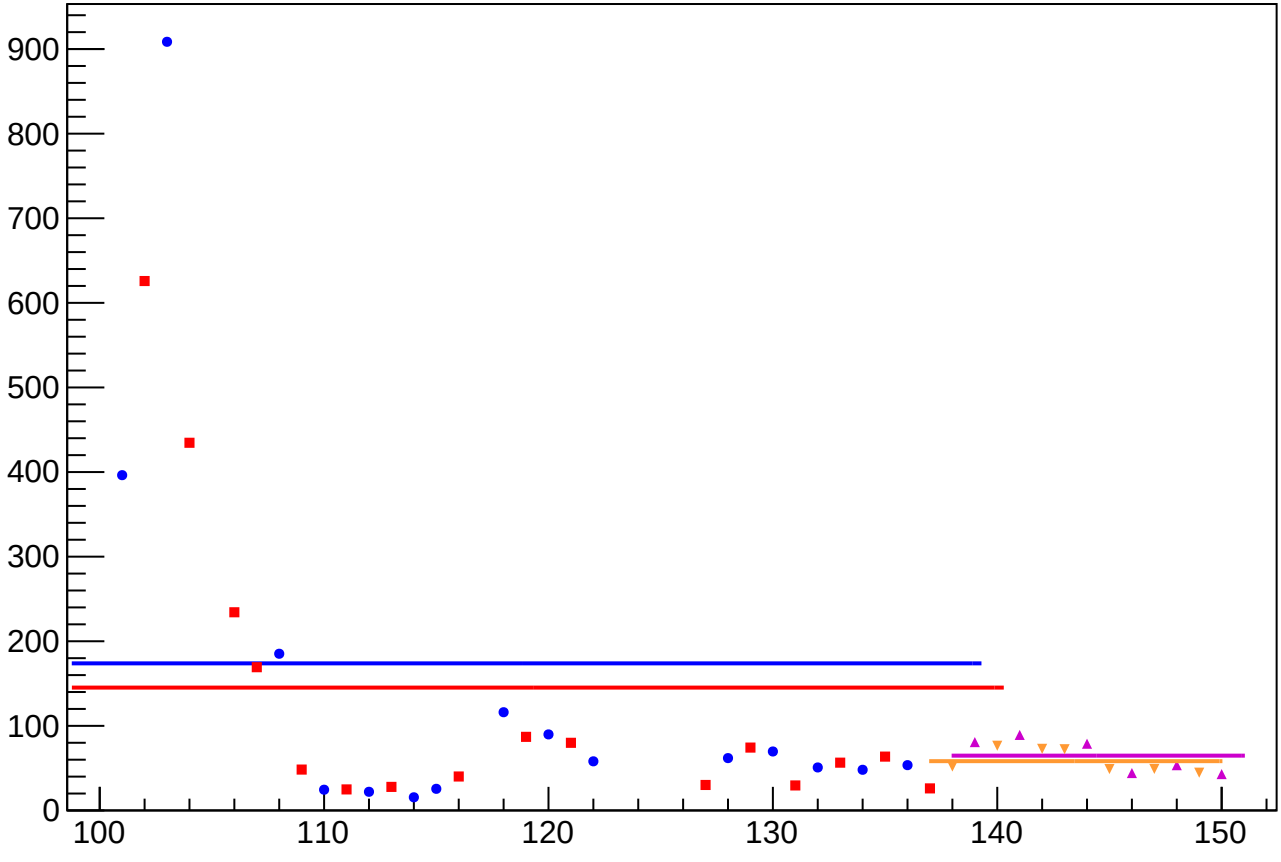
Left In: 507.656+/-0.000 χ^2/NDF:199103855775163869707851454839835852 8.0/5

+ sign 355.541+/-0.000 χ^2/NDF: 36977022589775 5

All: 365.210+/-0.000 χ^2/NDF: 99364370473 7

- sign 374.755+/-0.000 χ^2/NDF: 621709366730978

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF: 4170547340446623261307370455499066572 8.0/14

+ sign 122.668+/-0.000 χ^2/NDF: 456297715779700

Left Out: 58.267+/-0.000 χ^2/NDF:826641602391329037758083327066112 00.0/6

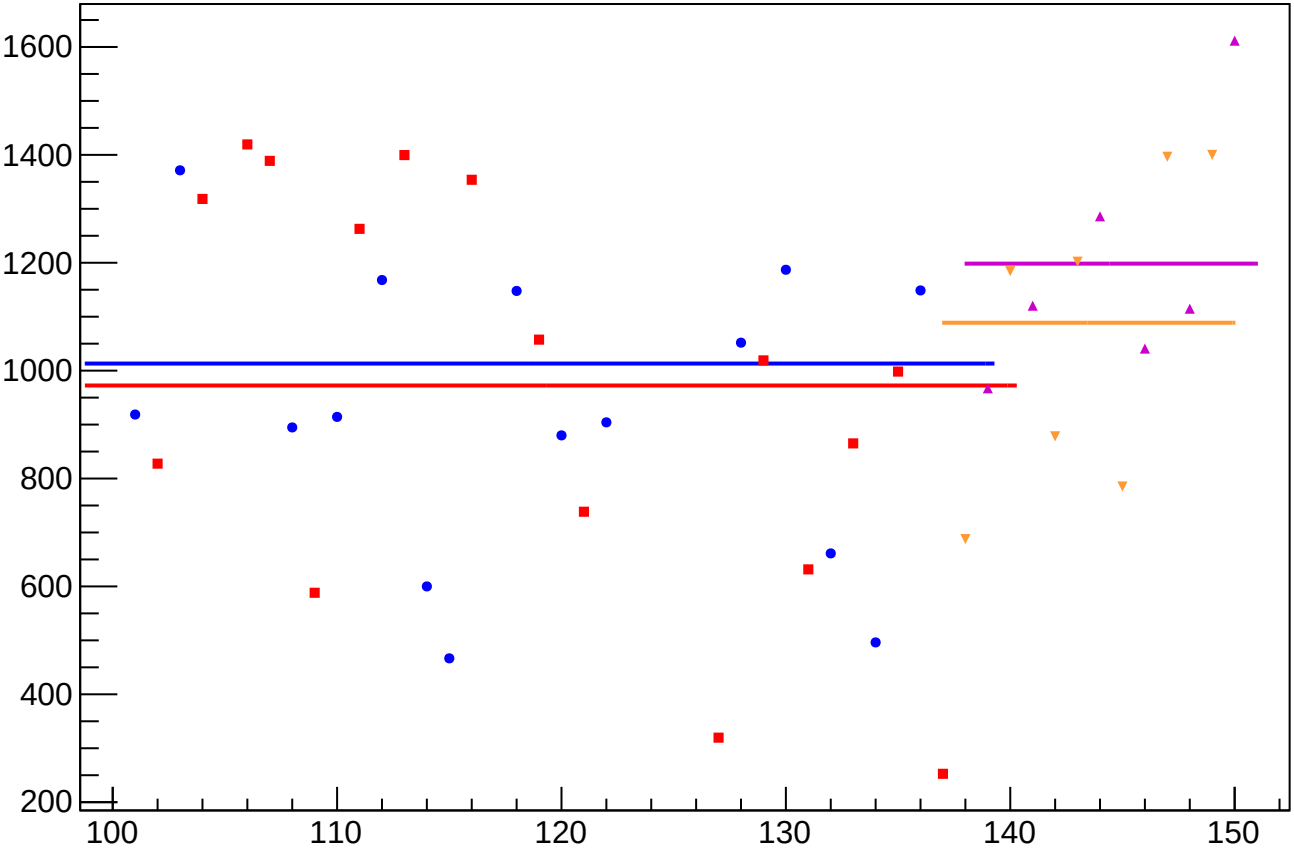
All: 116.422+/-0.000 χ^2/NDF: 70304731552 8

Right Out: 145.228+/-0.000 χ^2/NDF: 2252961571940859472078526574443783 7824.0/15

- sign 110.256+/-0.000 χ^2/NDF: 245846546452715

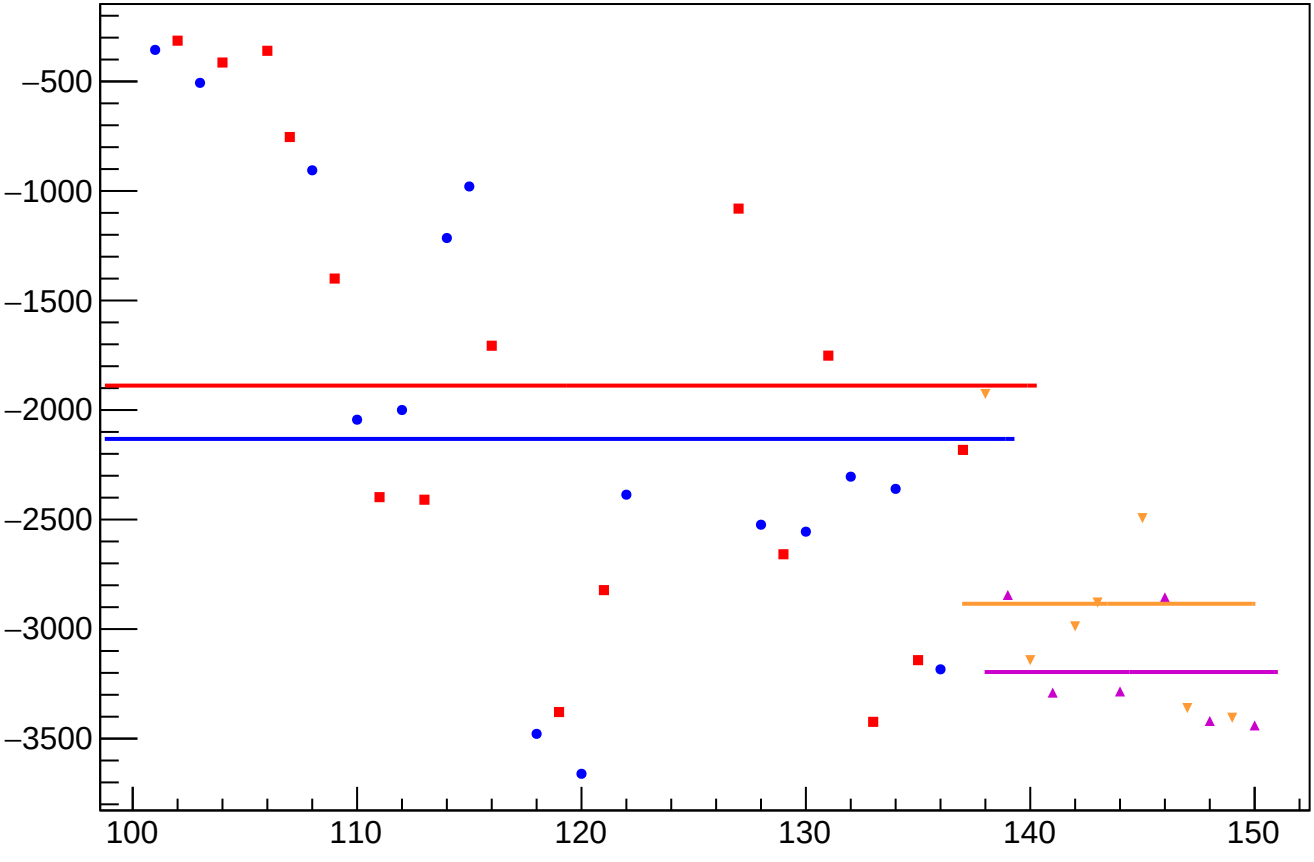
Left In: 64.786+/-0.000 χ^2/NDF:178636590909652432459237231358377984.0/5

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left In: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Left Out: -2884.400+/-0.000 χ^2/NDF:1302481400192124496310719409487305768 96.0/6

Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

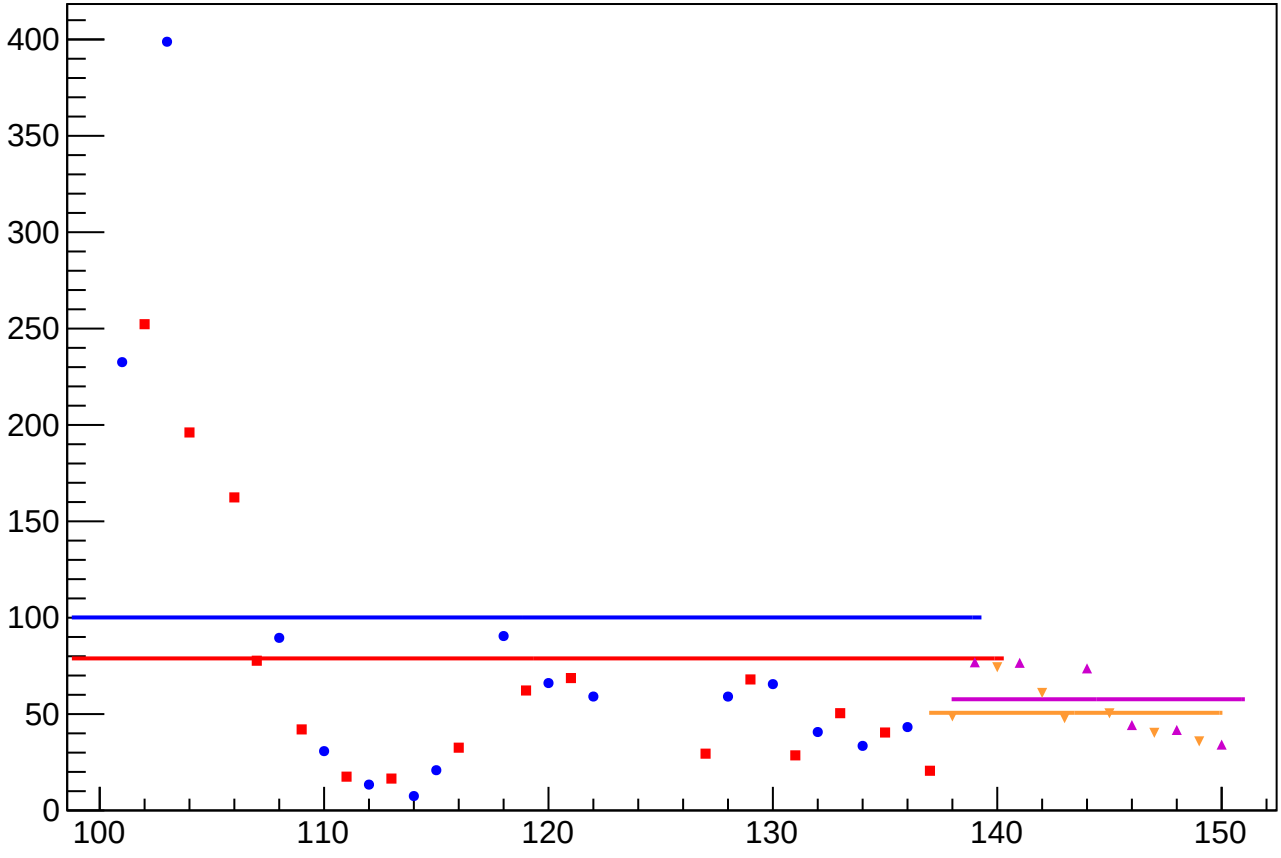
Left In: -3196.038+/-0.000 χ^2/NDF:3072870393789354237417116117521714380 8.0/5

+ sign -2465.199+/-0.000 χ^2/NDF: 1015452069726

All: -2461.032+/-0.000 χ^2/NDF: 2334005515

- sign -2456.917+/-0.000 χ^2/NDF: 1318513240406 5

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 78.222+/-0.000 χ^2/NDF: 8595878970276867

Left Out: 50.661+/-0.000 χ^2/NDF:7837674415703720171913723116519424 0.0/6

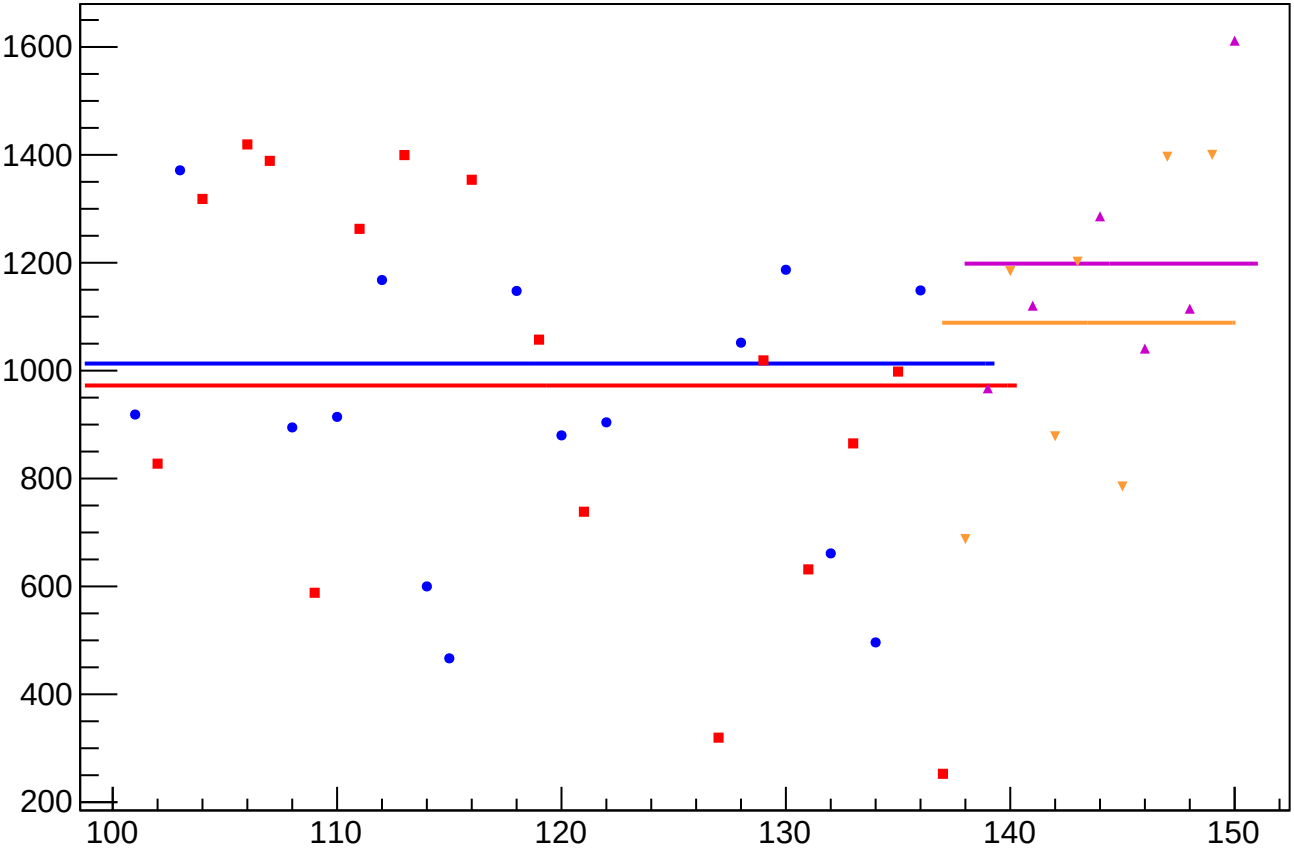
All: 73.918+/-0.000 χ^2/NDF: 1246364443447

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 69.668+/-0.000 χ^2/NDF: 3824870452059592

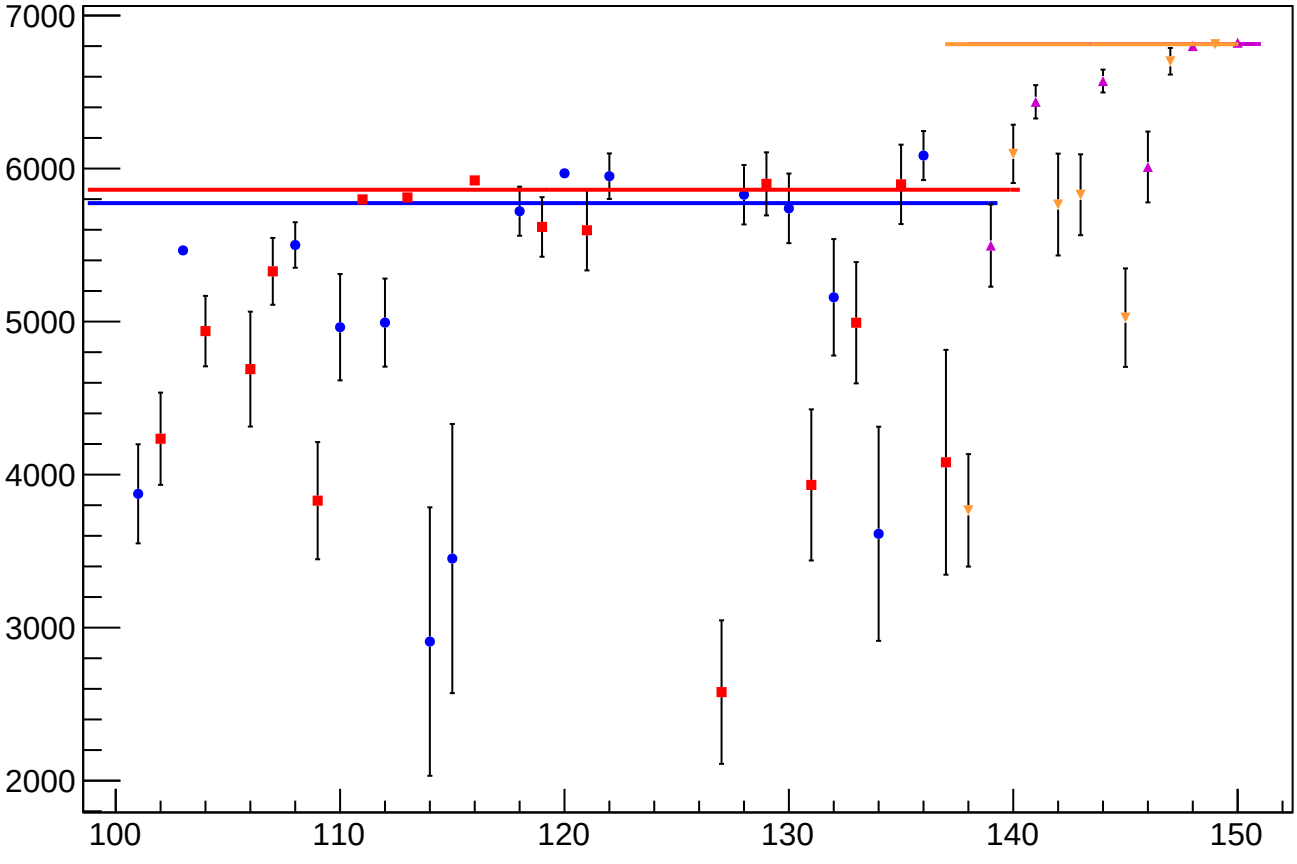
Left In: 57.690+/-0.000 χ^2/NDF:1695269572026701958998768106109665 28.0/5

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1046.659+/-0.000 χ^2/NDF: 7254911610894 6
Left Out: 1088.810+/-0.000 χ^2/NDF:39182171967707839802810616426109337600.0/6
All: 1058.742+/-0.000 χ^2/NDF: 1902867461 0
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1070.670+/-0.000 χ^2/NDF: 11739965107825
Left In: 1198.357+/-0.000 χ^2/NDF:23718566756946360471966267132453322752.0/5

dit_run_mean vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6812.621+/-0.311 χ^2/NDF:139.1/6

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

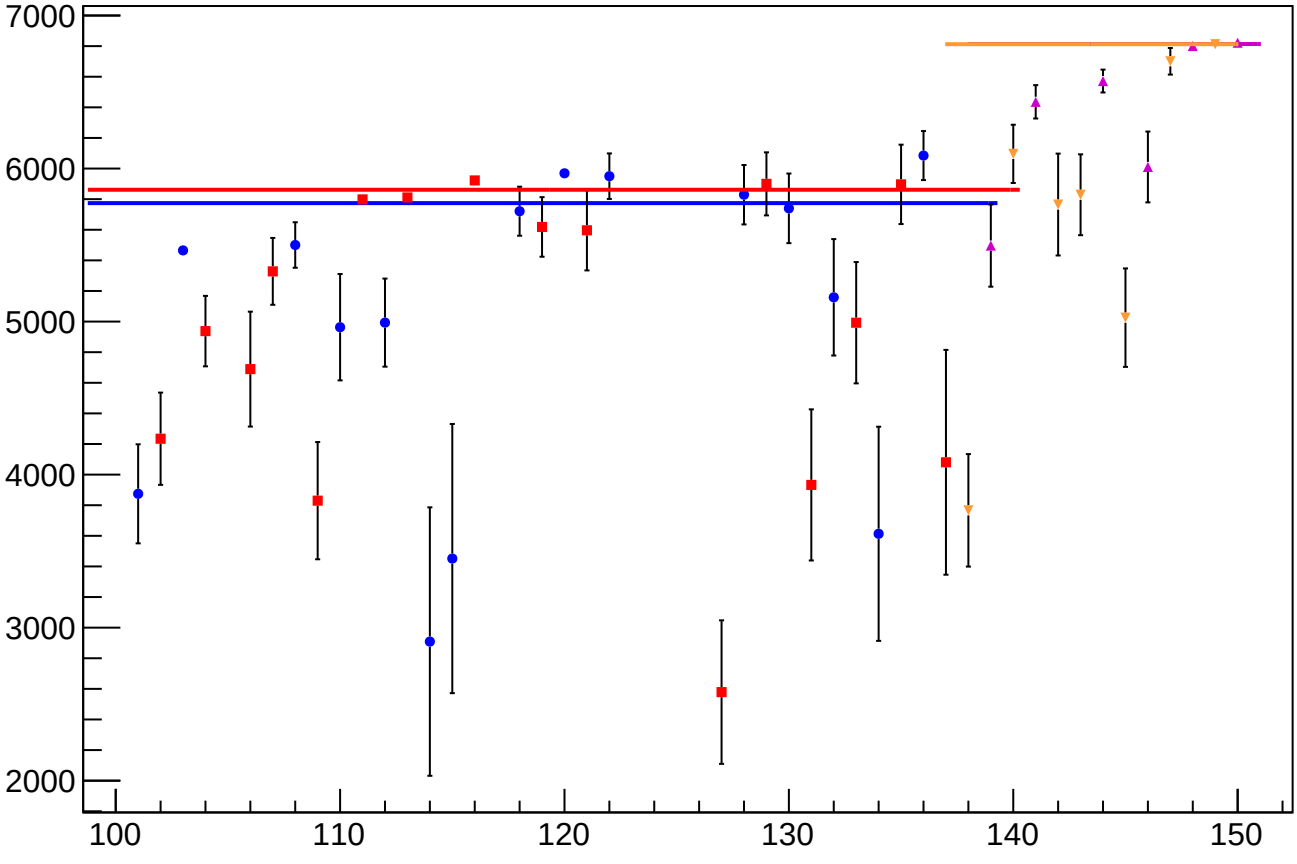
Left In: 6813.728+/-0.240 χ^2/NDF:1993.6/5

+ sign 6038.095+/-0.157 χ^2/NDF: 10154635.2/21

All: 6078.234+/-0.096 χ^2/NDF: 22200556.7/4

- sign 6102.033+/-0.121 χ^2/NDF: 11941409.3/21

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6812.621+/-0.311 χ^2/NDF:139.1/6

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

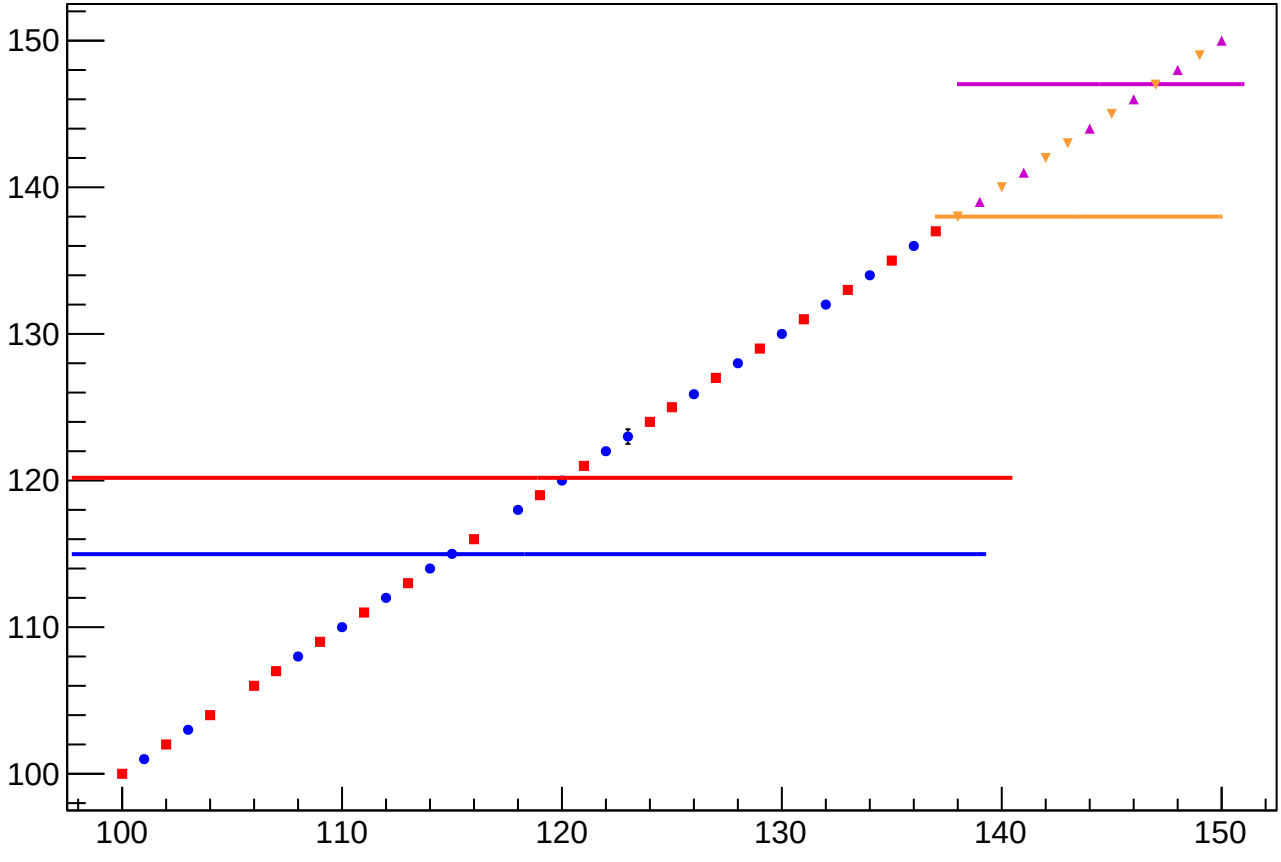
Left In: 6813.728+/-0.240 χ^2/NDF:1993.6/5

+ sign 6038.095+/-0.157 χ^2/NDF: 10154635.2/21

All: 6078.234+/-0.096 χ^2/NDF: 22200556.7/4

- sign 6102.033+/-0.121 χ^2/NDF: 11941409.3/21

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:23267.0/6

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

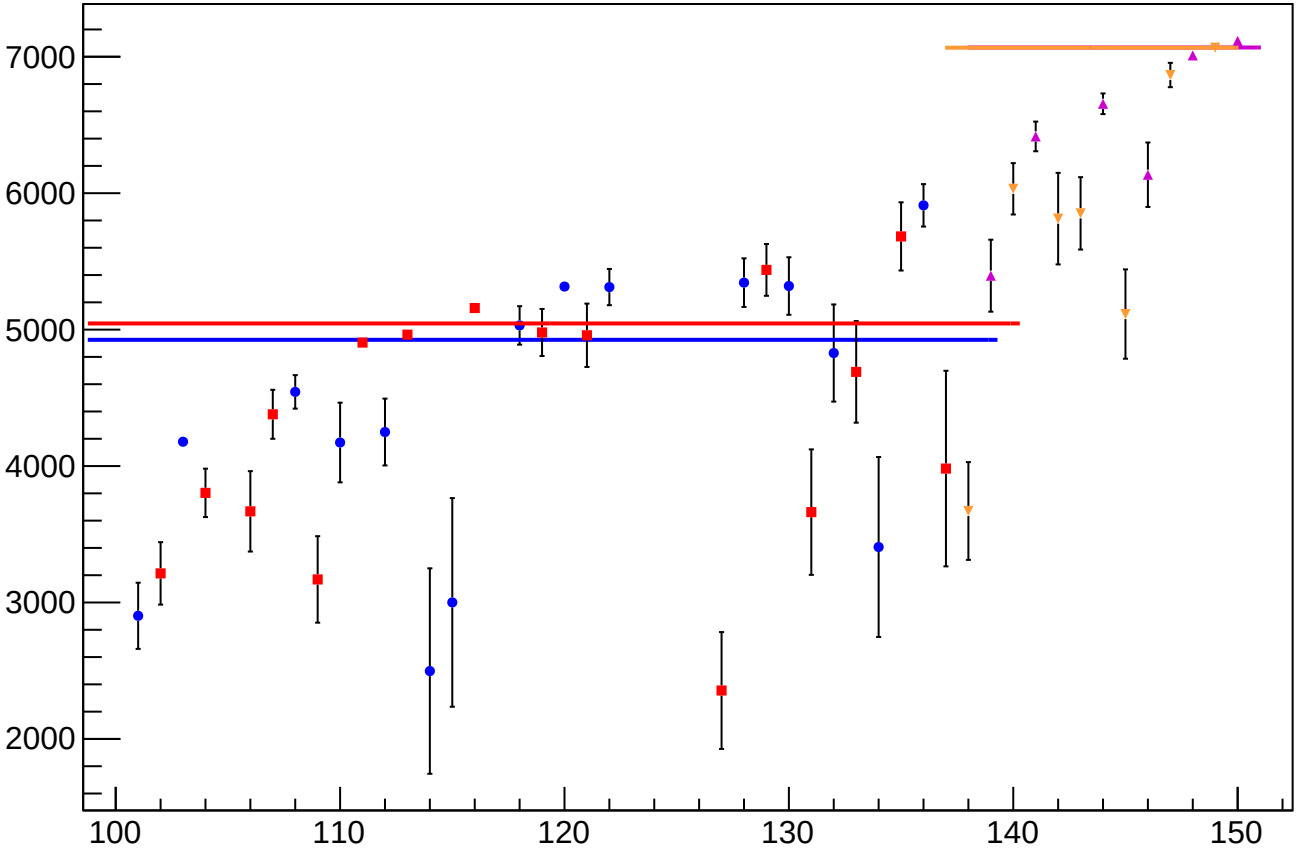
Left In: 147.034+/-0.000 χ^2/NDF:198292957303957468928771778150 4.0/5

+ sign 116.377+/-0.000 χ^2/NDF: 159793237837416

All: 120.162+/-0.000 χ^2/NDF: 39563425494 6

- sign 124.994+/-0.000 χ^2/NDF: 184601573823385

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.448+/-1.478 χ^2/NDF:195.6/6

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

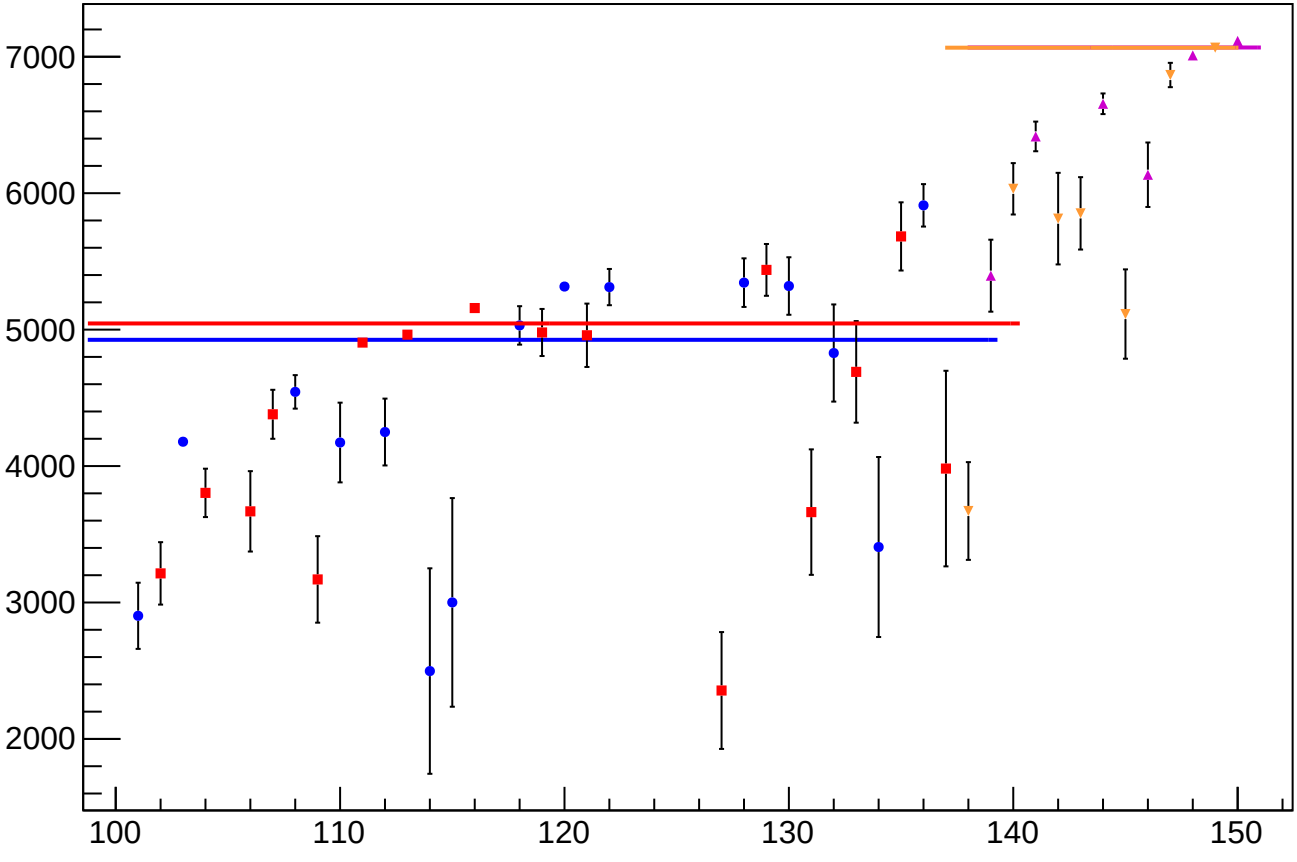
Left In: 7067.867+/-1.187 χ^2/NDF:2108.2/5

+ sign 5540.905+/-0.792 χ^2/NDF: 1827052.0/21

All: 5534.703+/-0.469 χ^2/NDF: 4064050.2/43

- sign 5531.356+/-0.582 χ^2/NDF: 2236903.9/21

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.448+/-1.478 χ^2/NDF:195.6/6

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

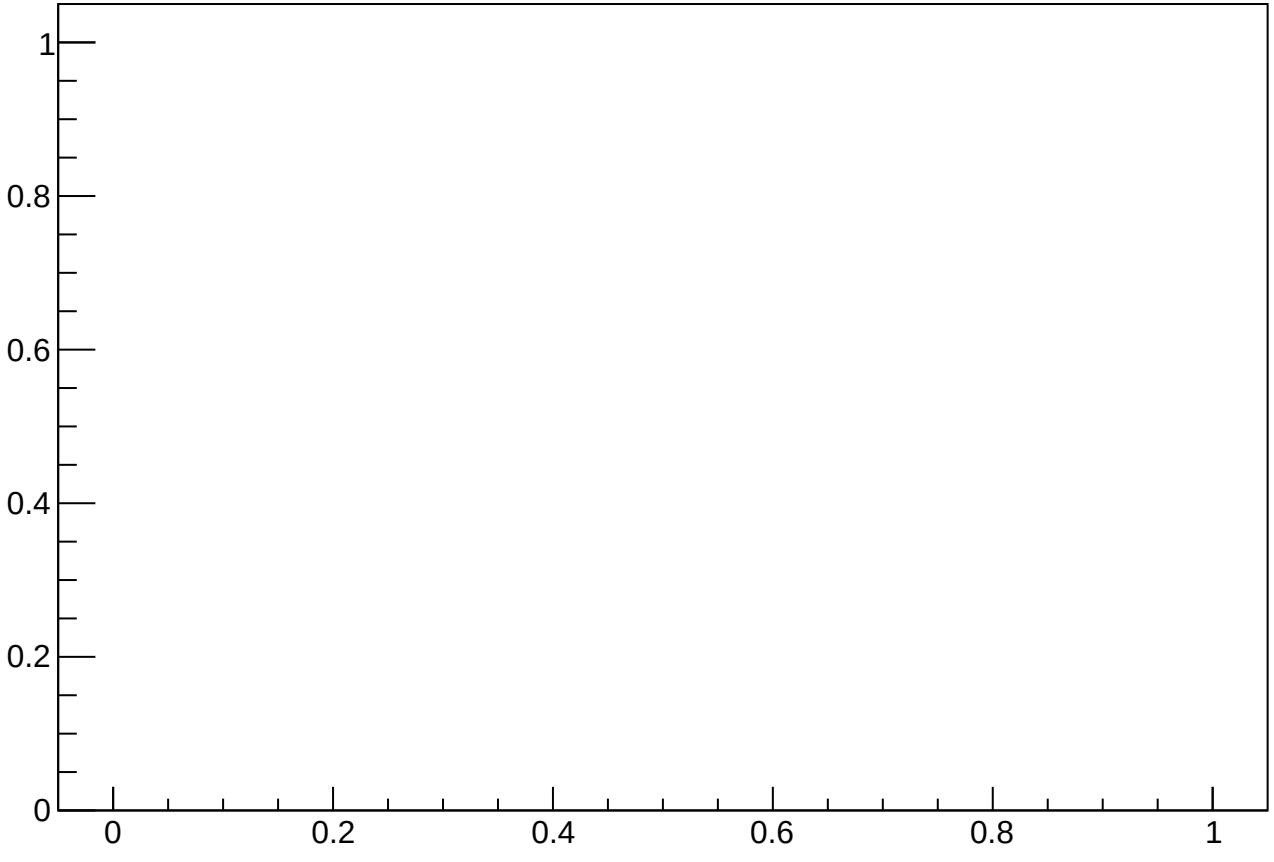
Left In: 7067.867+/-1.187 χ^2/NDF:2108.2/5

+ sign 5540.905+/-0.792 χ^2/NDF: 1827052.0/21

All: 5534.703+/-0.469 χ^2/NDF: 4064050.2/43

- sign 5531.356+/-0.582 χ^2/NDF: 2236903.9/21

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

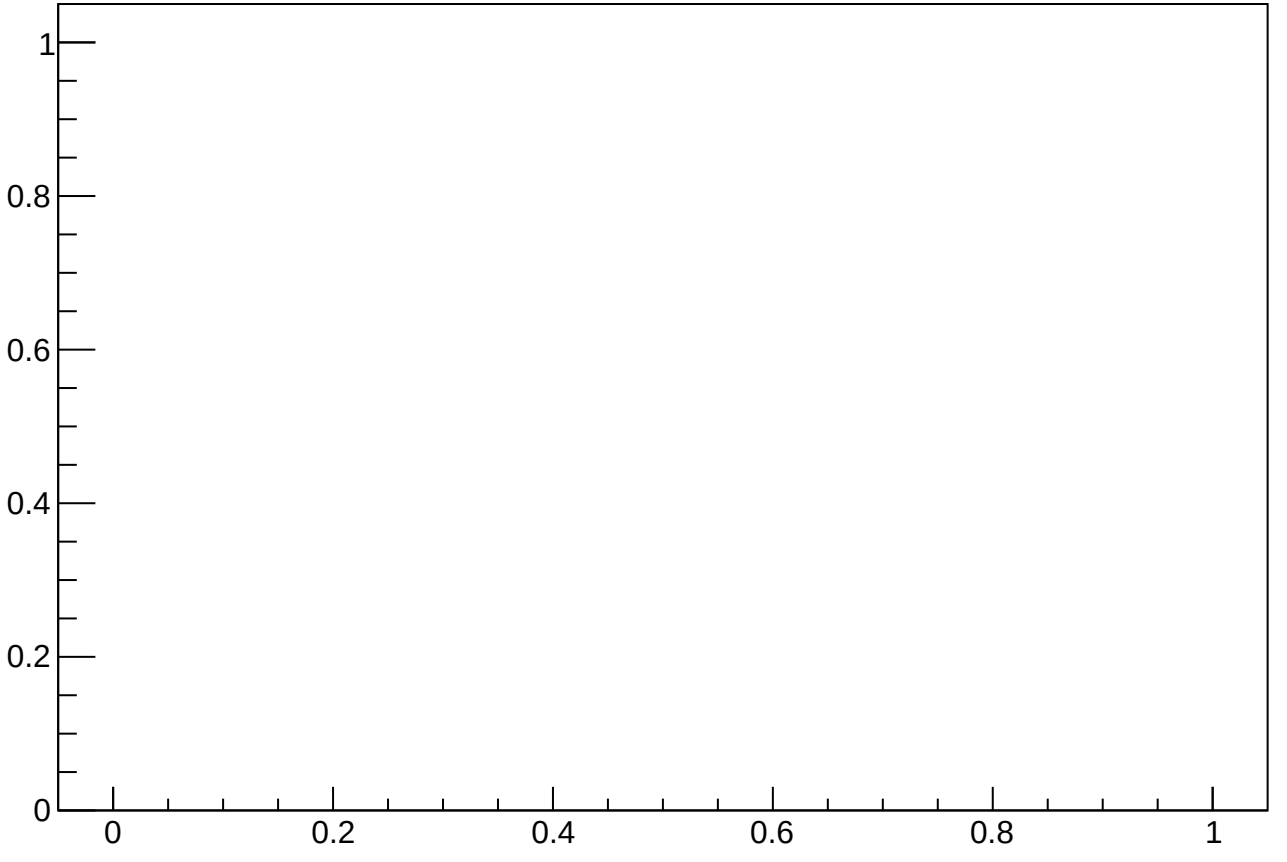
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

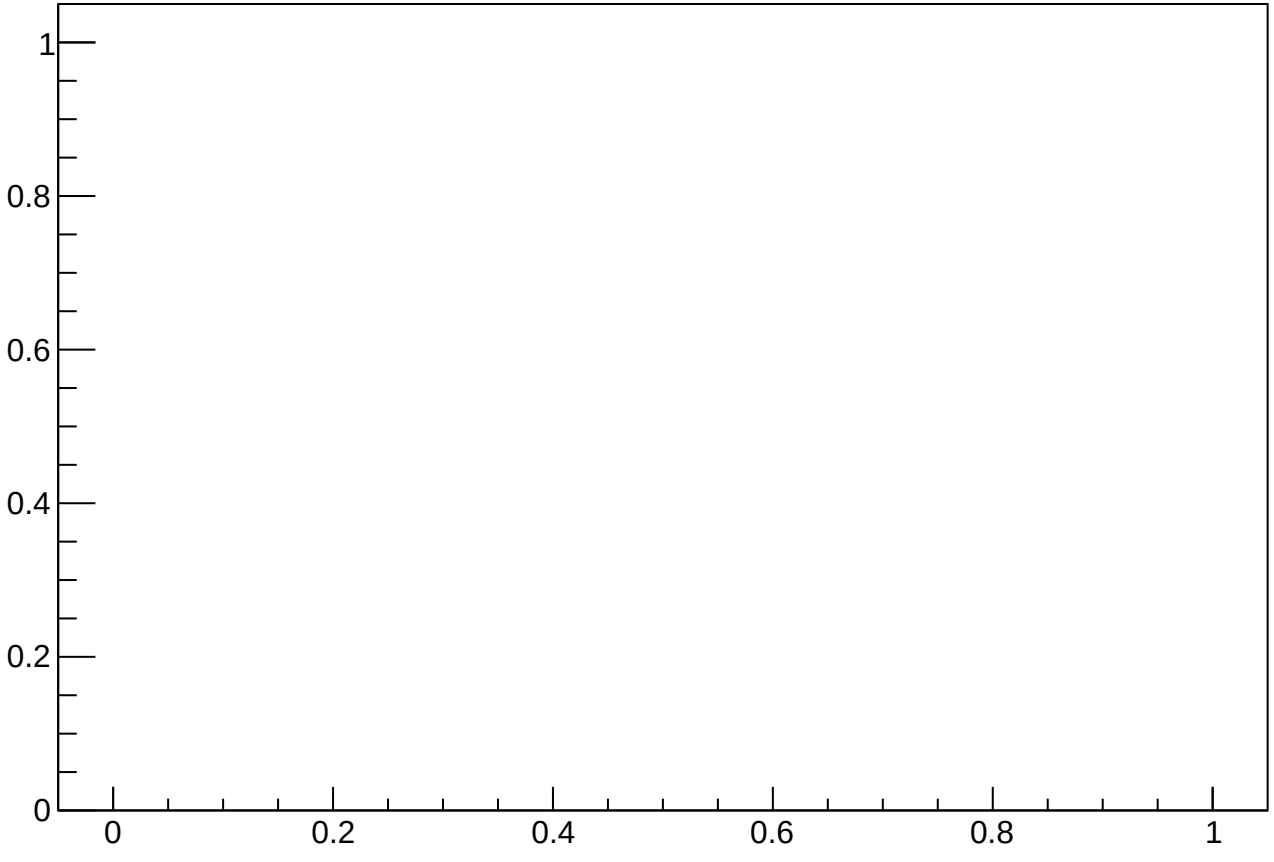
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

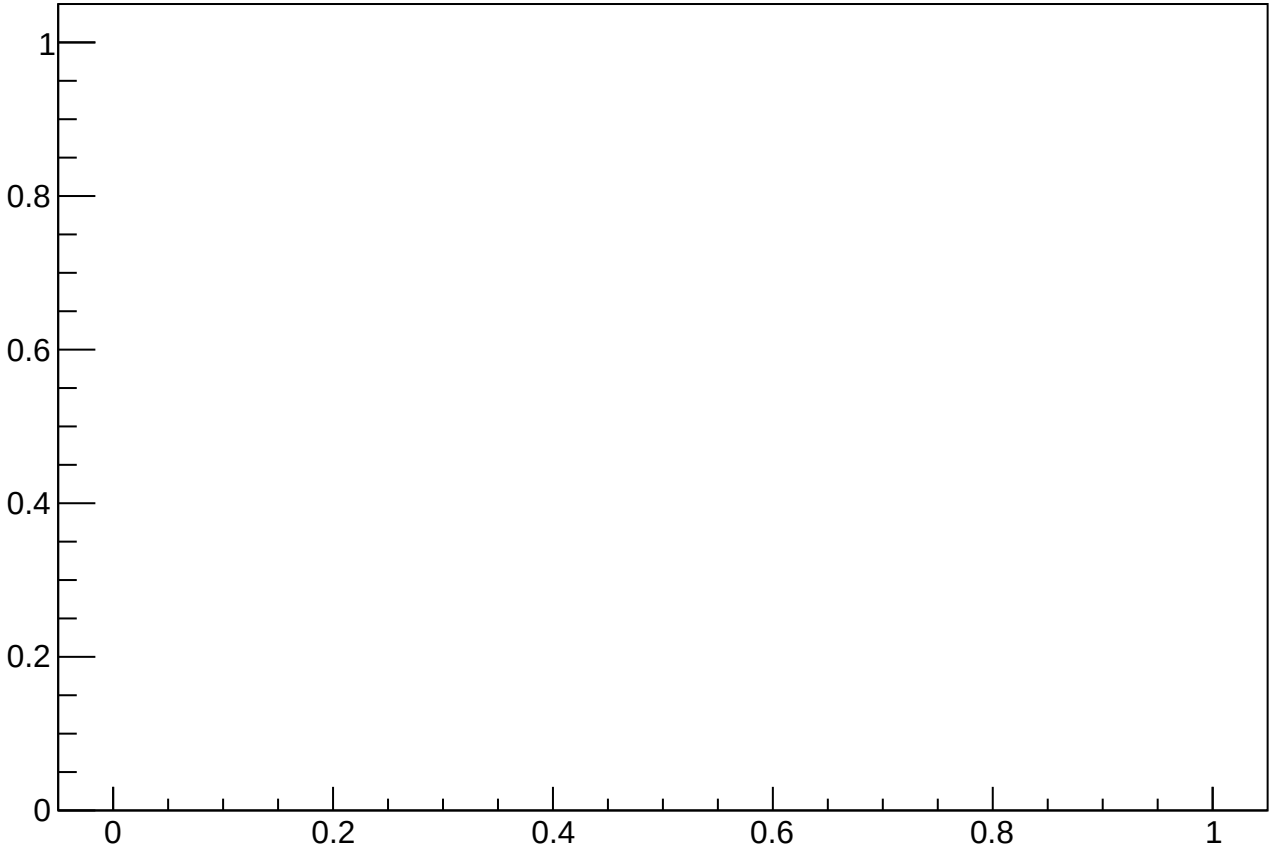
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

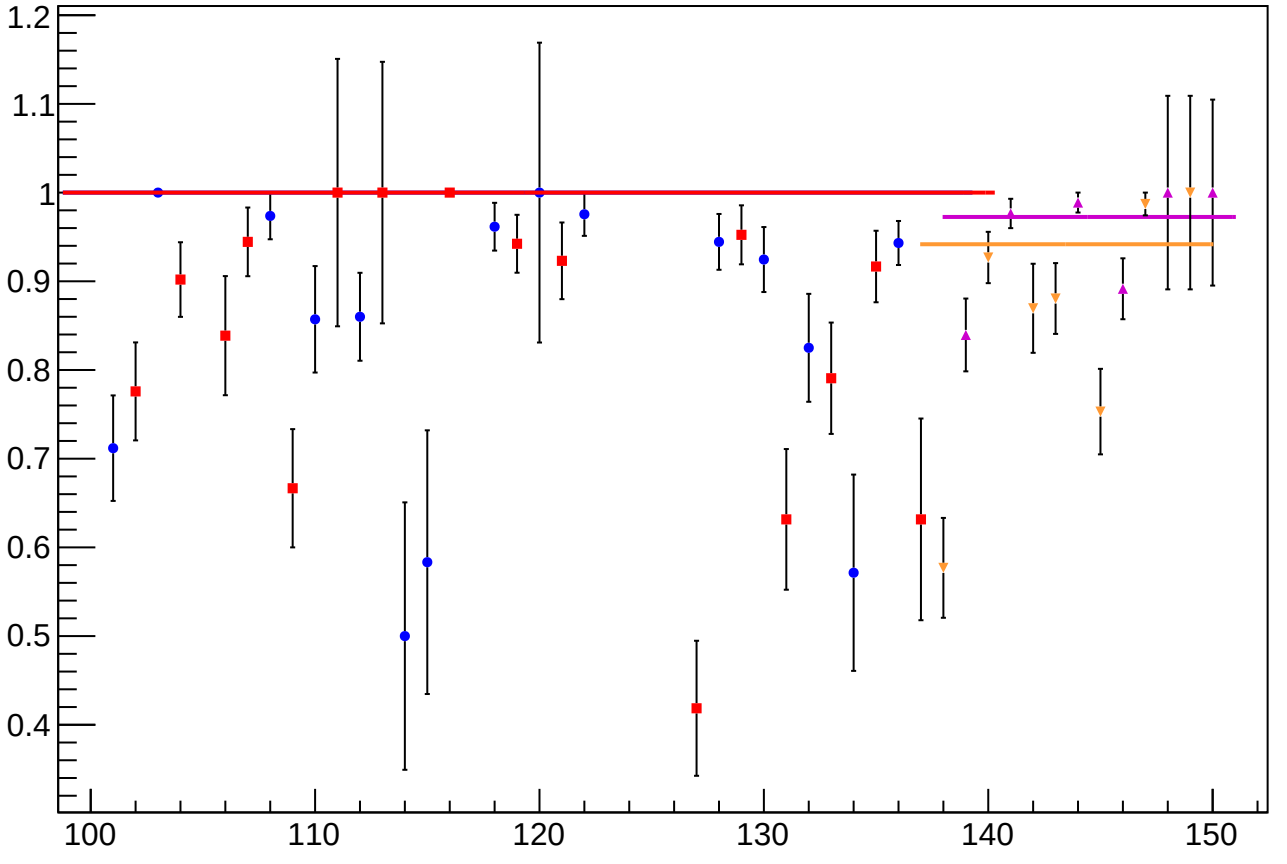
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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: 0.942+/-0.010 χ^2/NDF:74.8/6

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

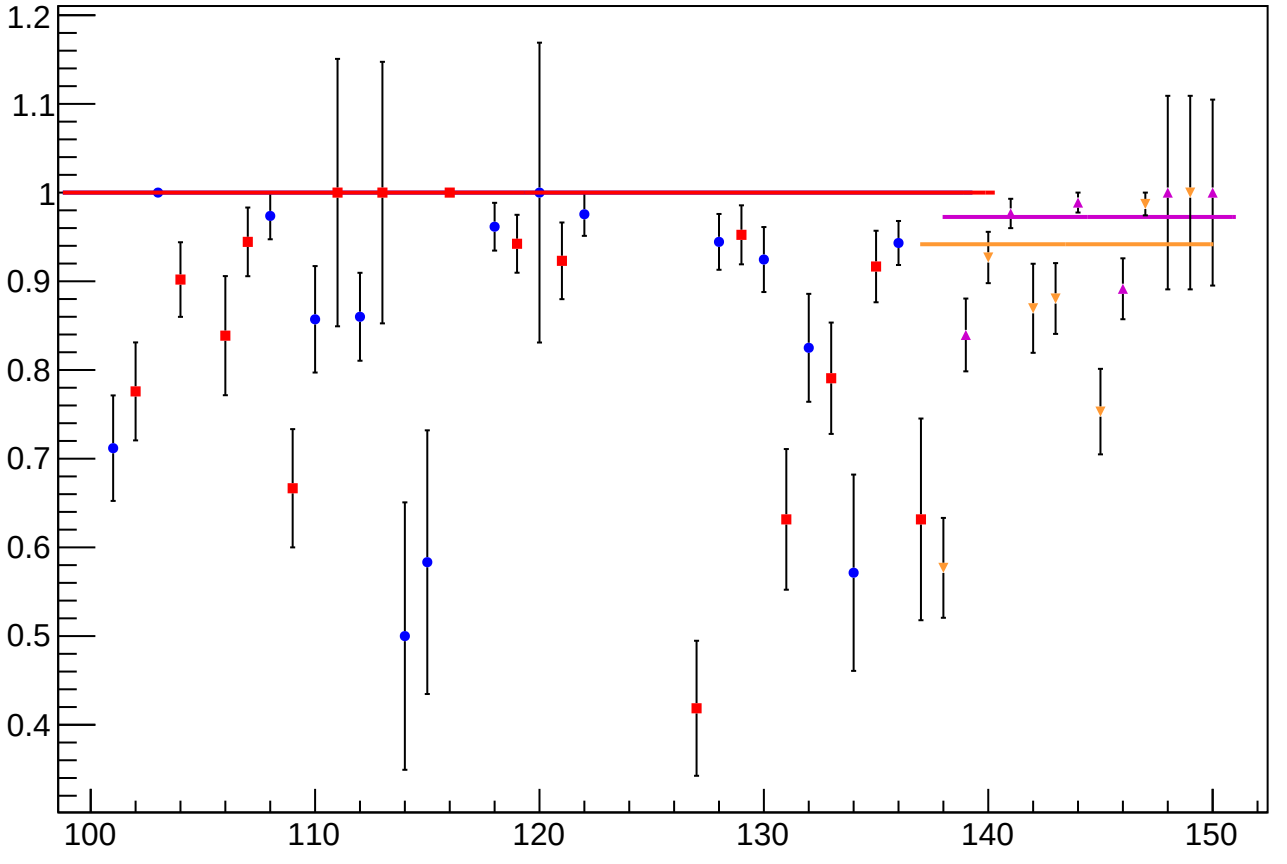
Left In: 0.973+/-0.009 χ^2/NDF:18.3/5

+ sign 1.000+/-0.000 χ^2/NDF: 201.7/21

All: 1.000+/-0.000 χ^2/NDF: 481.8/43

- sign 1.000+/-0.000 χ^2/NDF: 197.2/21

dit_flag_rms vs Slug



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.942+/-0.010 χ^2/NDF:74.8/6

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

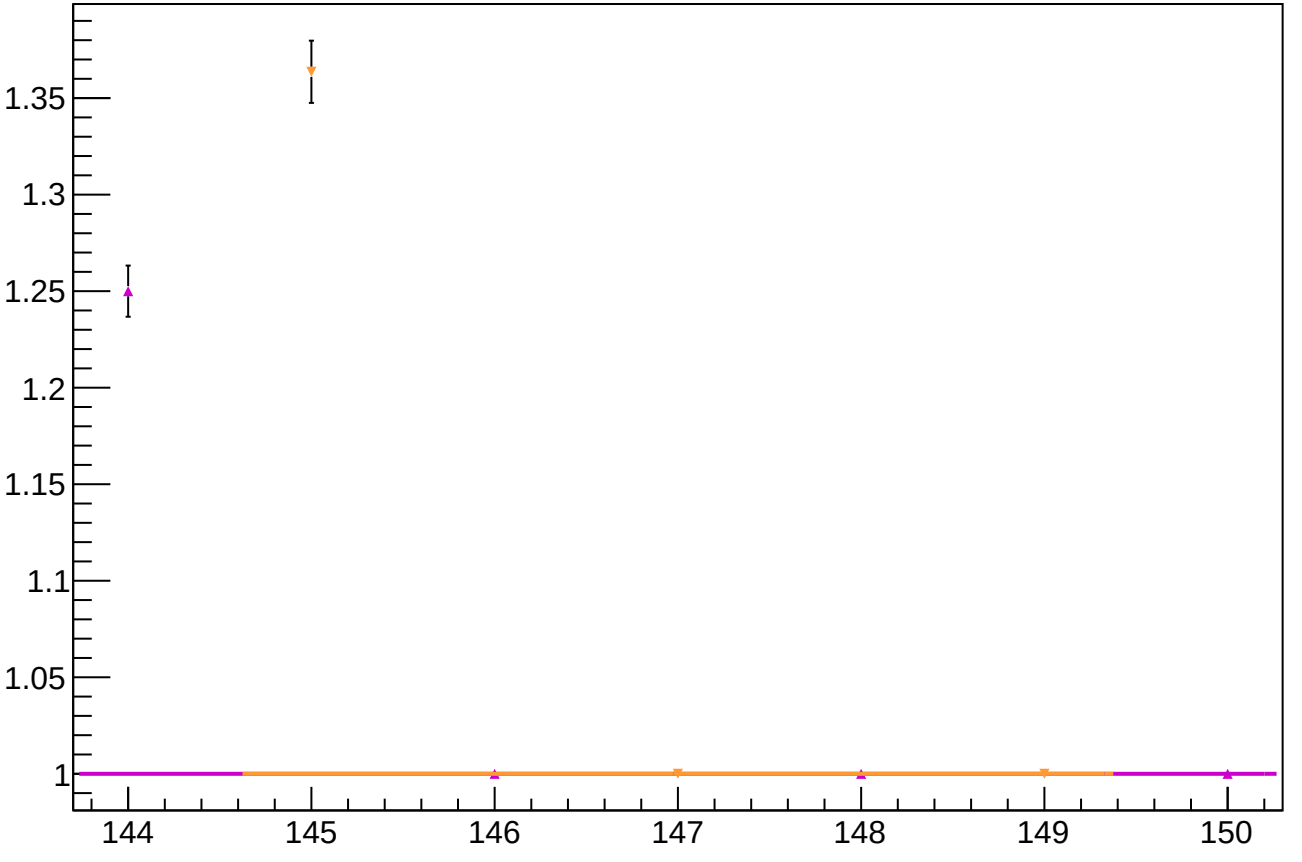
Left In: 0.973+/-0.009 χ^2/NDF:18.3/5

+ sign 1.000+/-0.000 χ^2/NDF: 201.7/21

All: 1.000+/-0.000 χ^2/NDF: 481.8/43

- sign 1.000+/-0.000 χ^2/NDF: 197.2/21

dit_segment_slope vs Slug



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

Left Out: 1.000+/-0.000 χ^2/NDF:646.0/2

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

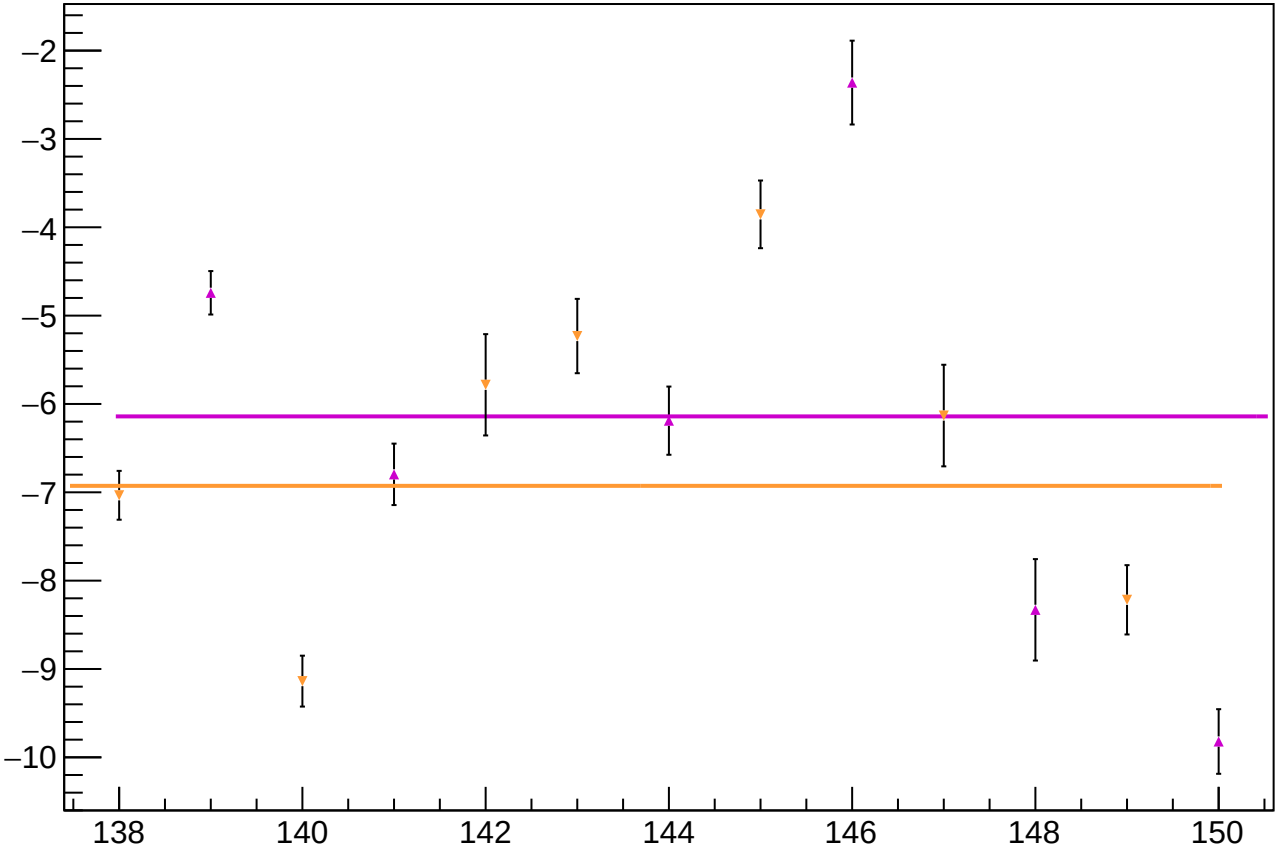
Left In: 1.000+/-0.000 χ^2/NDF:611.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.000+/-0.000 χ^2/NDF: 3259.7/6

- 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: -6.927+/-0.141 χ^2/NDF:156.3/6

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

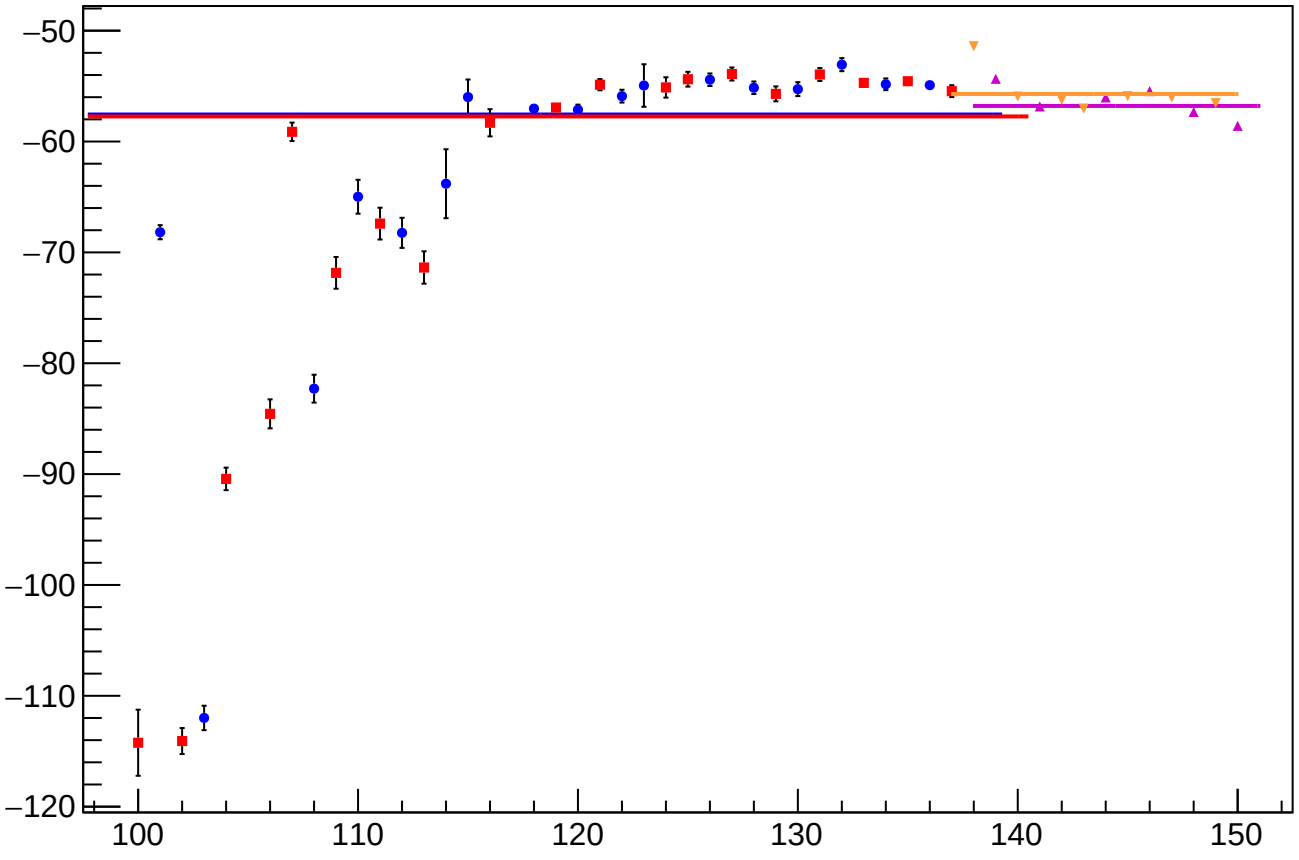
Left In: -6.141+/-0.147 χ^2/NDF:215.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.549+/-0.102 χ^2/NDF: 386.4/12

- 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: -55.715+/-0.109 χ^2/NDF:213.8/6

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

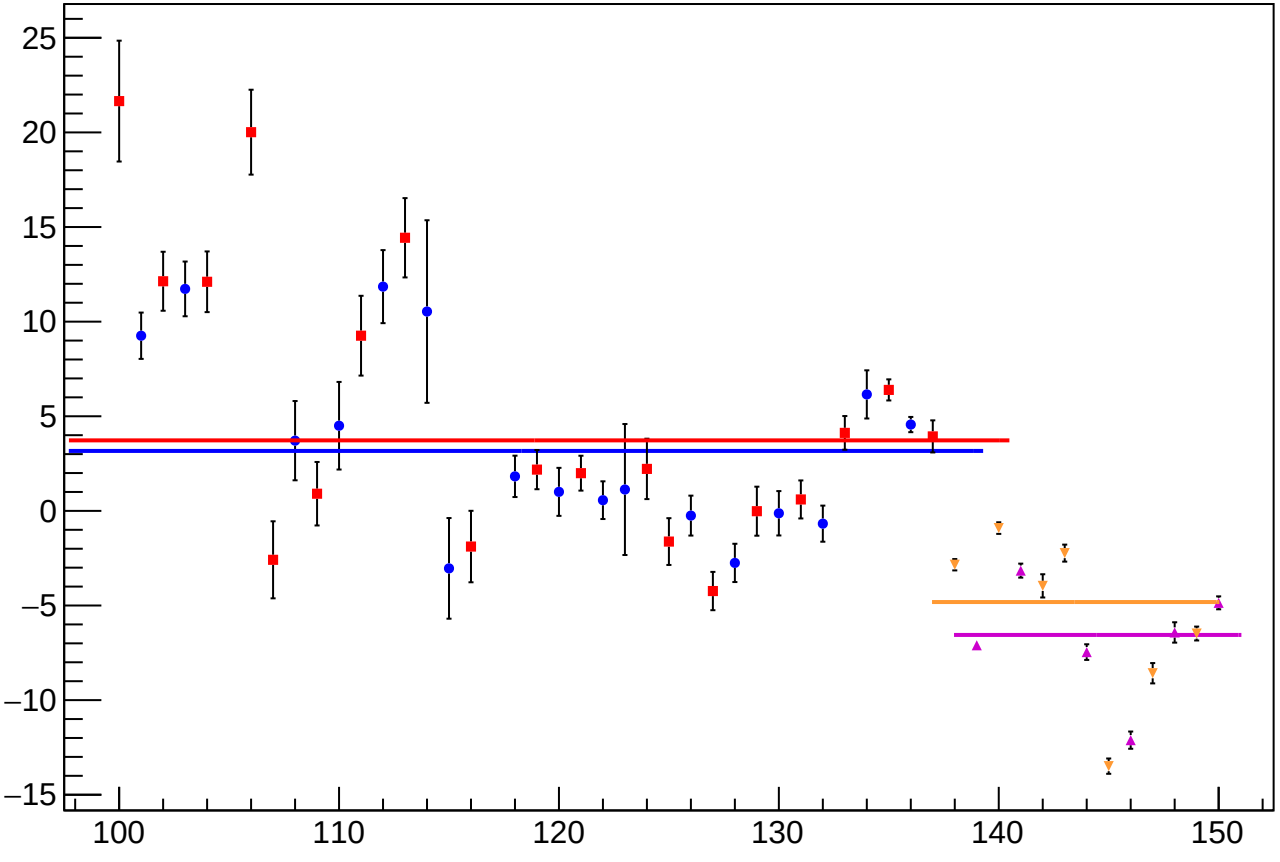
Left In: -56.789+/-0.117 χ^2/NDF:112.2/5

+ sign -56.404+/-0.086 χ^2/NDF: 3776.8/23

All: -56.768+/-0.063 χ^2/NDF: 8651.1/48

- sign -57.170+/-0.091 χ^2/NDF: 4836.9/24

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -4.817+/-0.147 χ^2/NDF:769.7/6

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

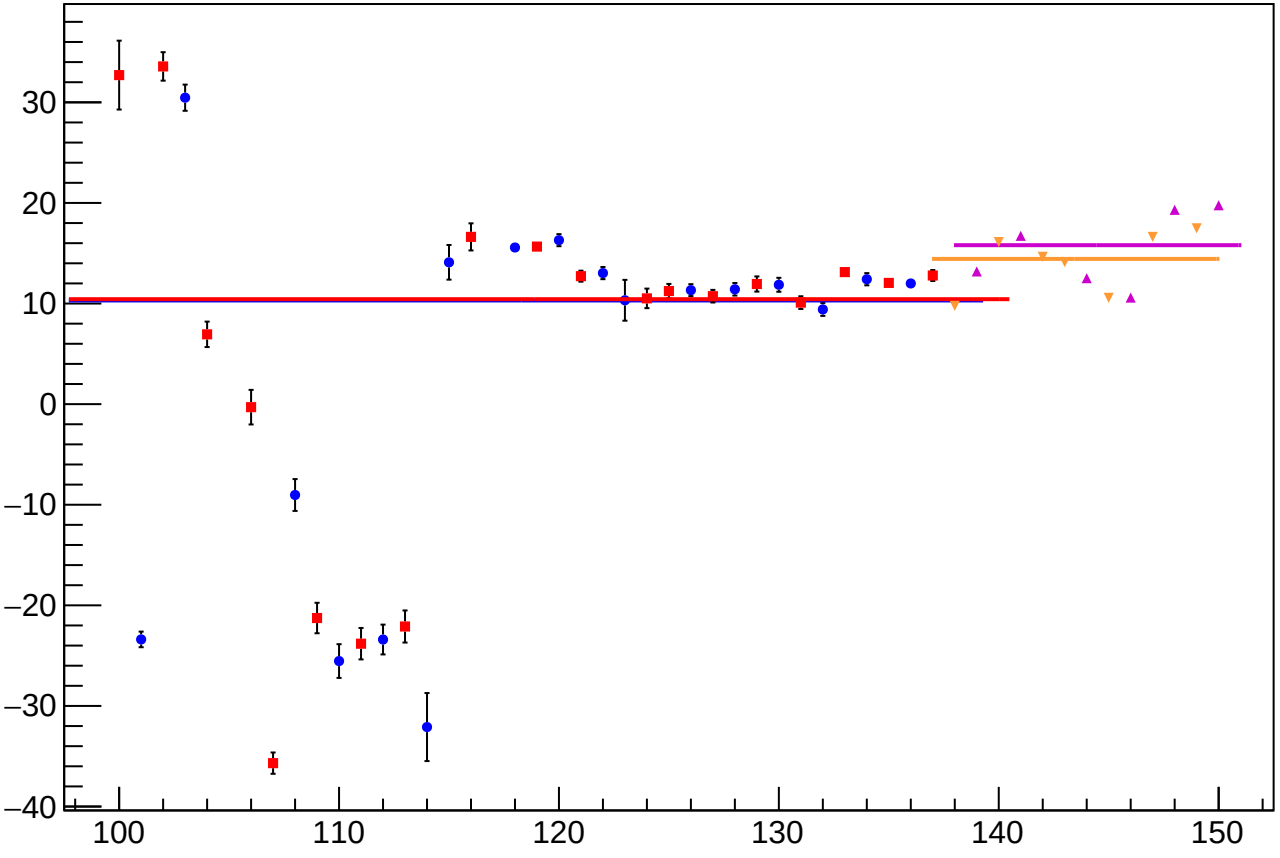
Left In: -6.555+/-0.151 χ^2/NDF:267.0/5

+ sign -2.858+/-0.128 χ^2/NDF: 1680.3/23

All: -3.450+/-0.091 χ^2/NDF: 3439.2/48

- sign -4.076+/-0.131 χ^2/NDF: 1714.7/24

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 14.437+/-0.131 χ^2/NDF:453.3/6

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

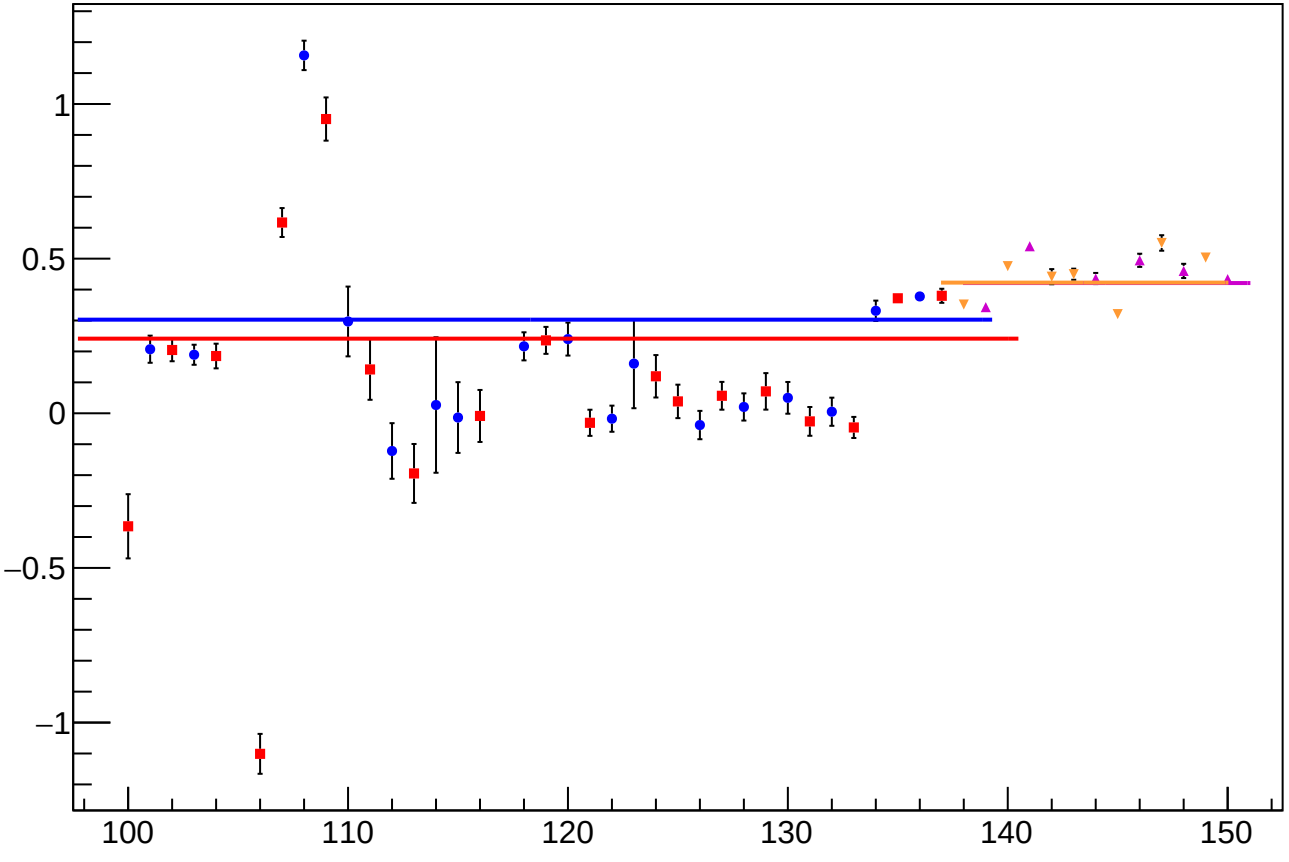
Left In: 15.801+/-0.140 χ^2/NDF:604.4/5

+ sign 12.741+/-0.100 χ^2/NDF: 4574.8/23

All: 13.093+/-0.073 χ^2/NDF: 9672.7/48

- sign 13.478+/-0.105 χ^2/NDF: 5072.2/24

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.423+/-0.006 χ^2/NDF:150.1/6

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

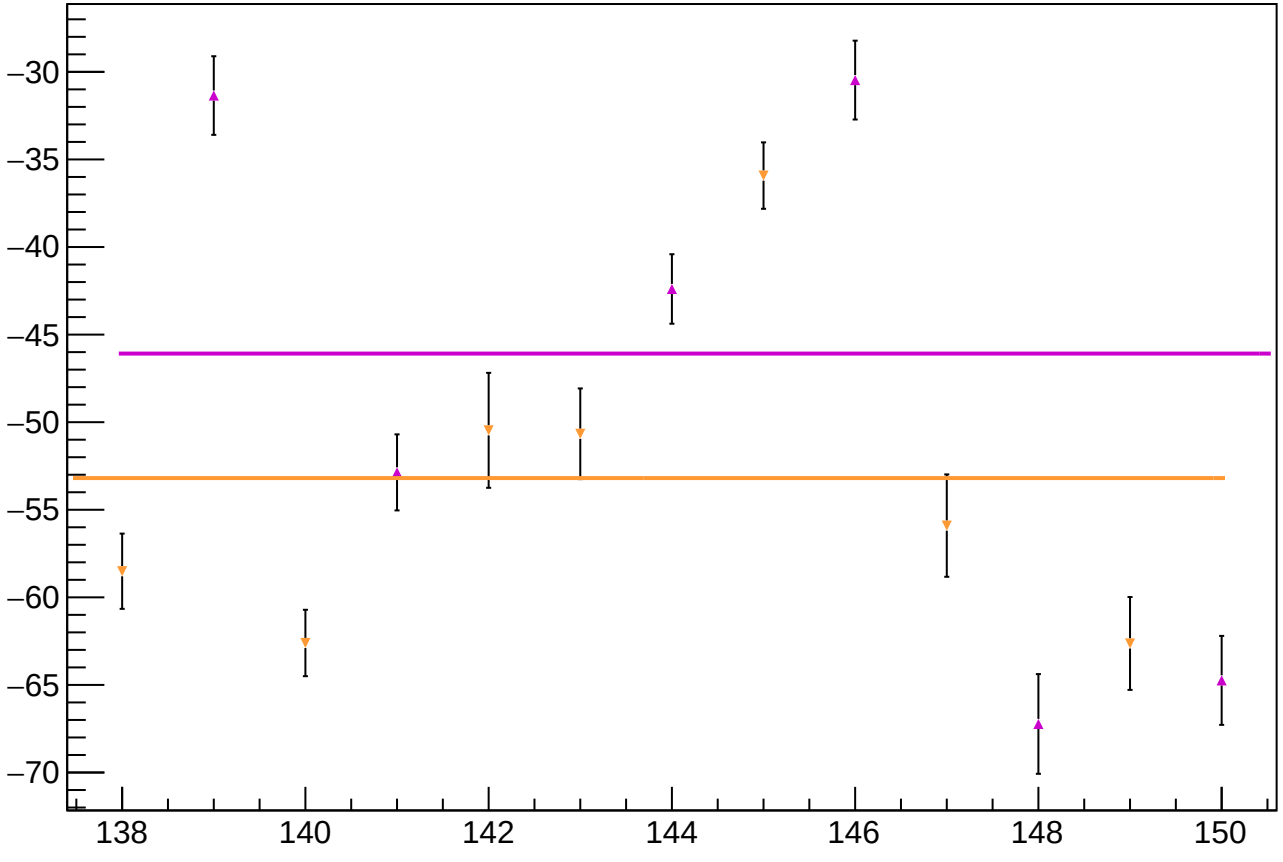
Left In: 0.421+/-0.006 χ^2/NDF:149.0/5

+ sign 0.380+/-0.005 χ^2/NDF: 935.3/23

All: 0.371+/-0.003 χ^2/NDF: 2378.1/48

- sign 0.361+/-0.005 χ^2/NDF: 1435.2/24

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -53.190+/-0.886 χ^2/NDF:129.0/6

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

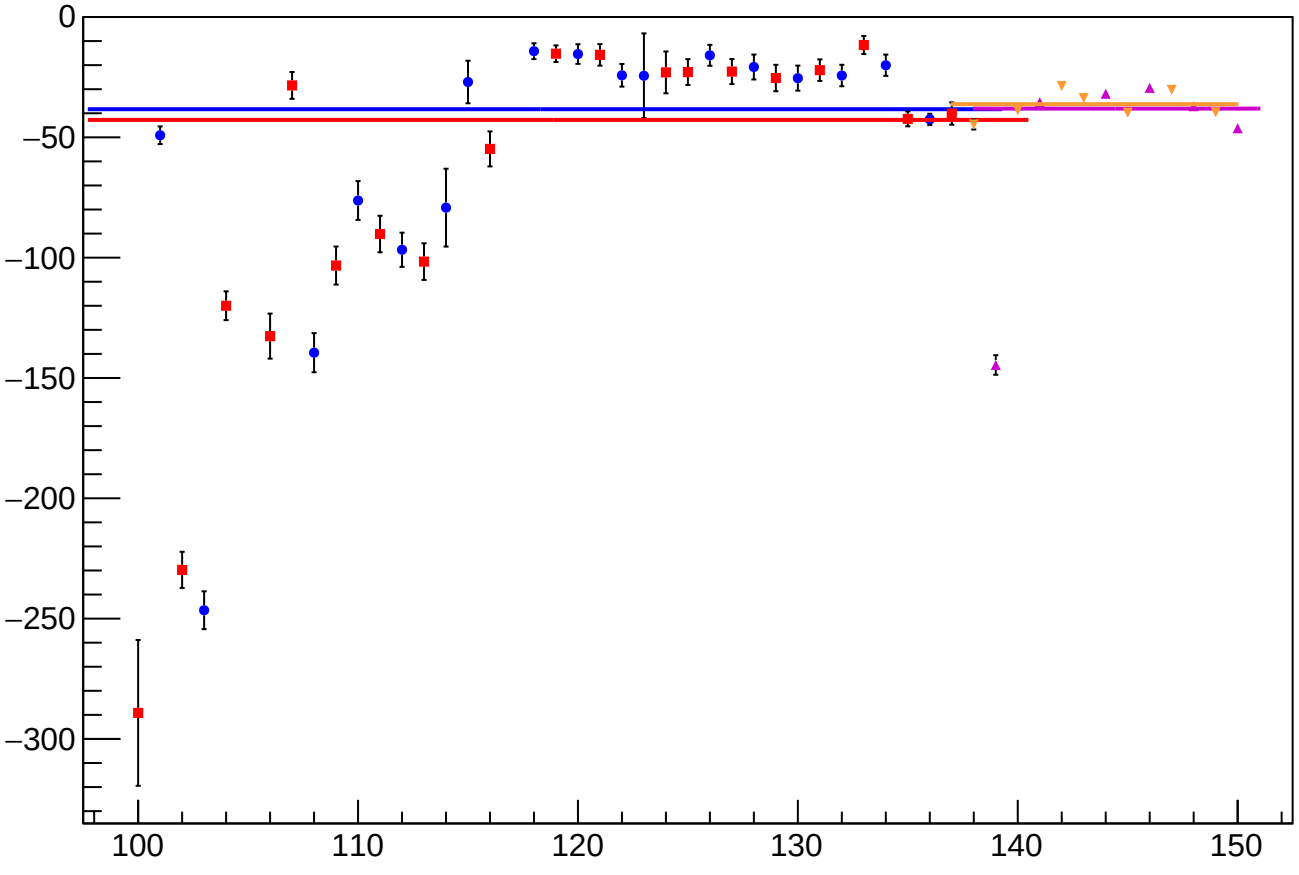
Left In: -46.083+/-0.936 χ^2/NDF:213.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -49.834+/-0.643 χ^2/NDF: 373.0/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -36.213+/-0.634 χ^2/NDF:61.4/6

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

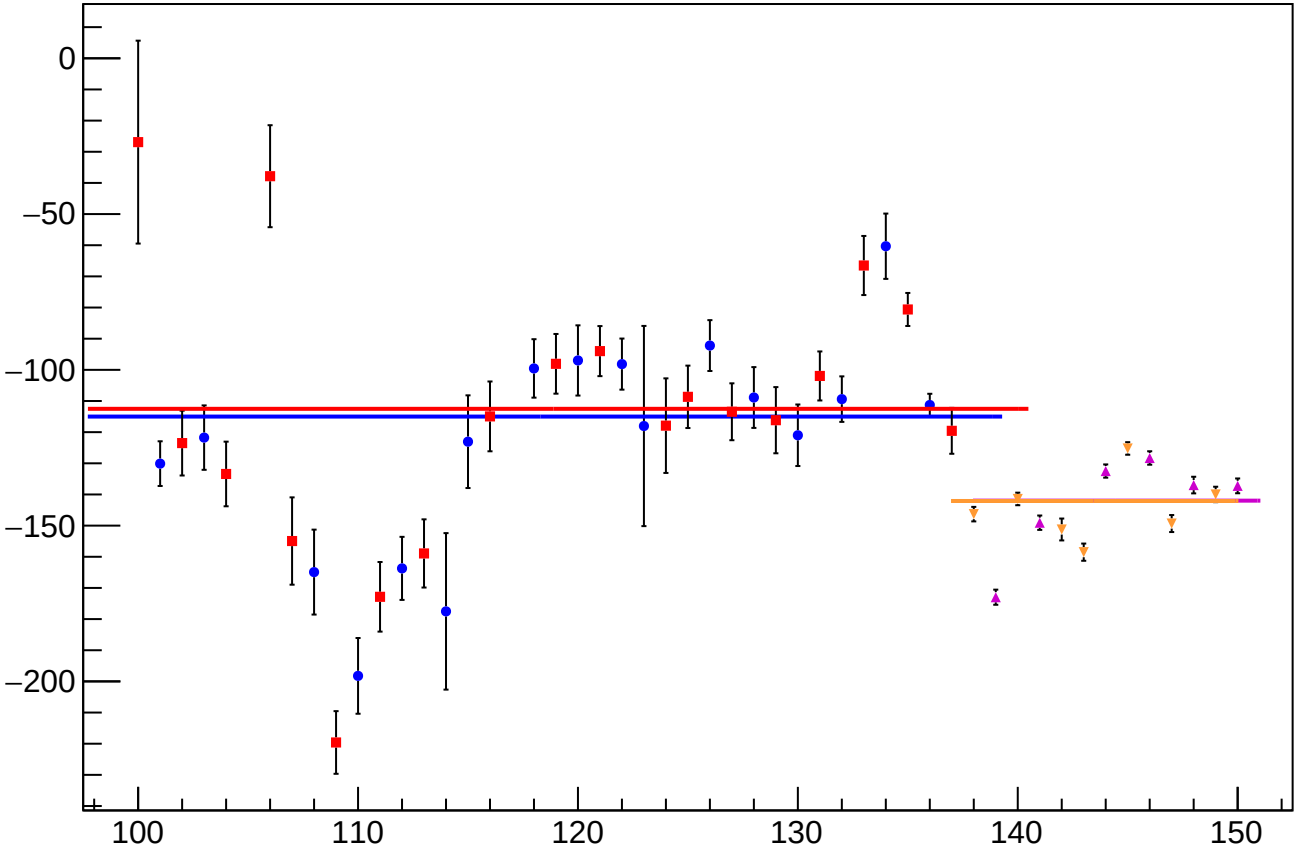
Left In: -38.064+/-0.651 χ^2/NDF:768.8/5

+ sign -36.711+/-0.554 χ^2/NDF: 1196.6/23

All: -37.872+/-0.399 χ^2/NDF: 3327.8/48

- sign -39.118+/-0.574 χ^2/NDF: 2122.0/24

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -142.093+/-0.919 χ^2/NDF:123.1/6

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

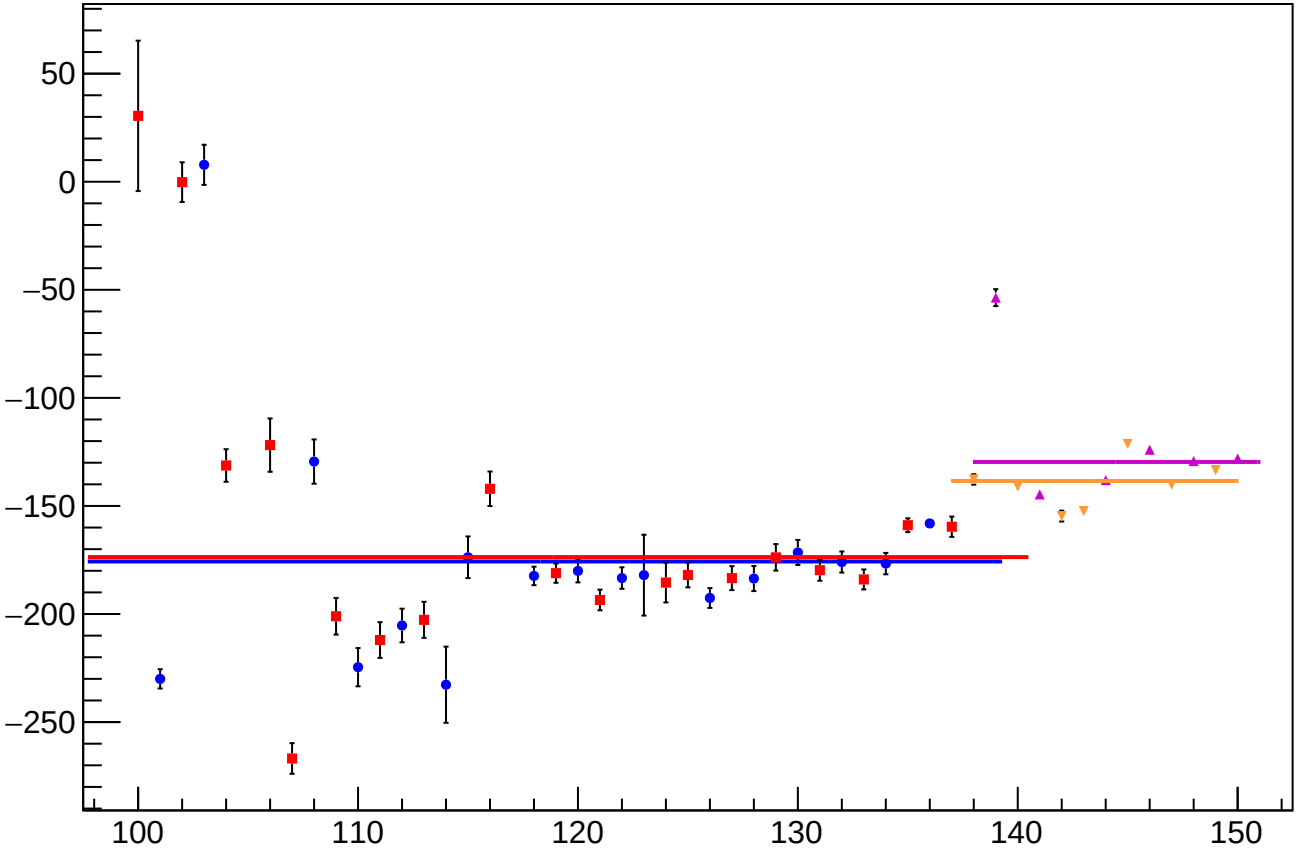
Left In: -141.983+/-0.949 χ^2/NDF:240.1/5

+ sign -137.642+/-0.840 χ^2/NDF: 407.8/23

All: -137.519+/-0.605 χ^2/NDF: 1071.7/48

- sign -137.386+/-0.872 χ^2/NDF: 663.8/24

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -138.440+/-0.775 χ^2/NDF:187.4/6

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

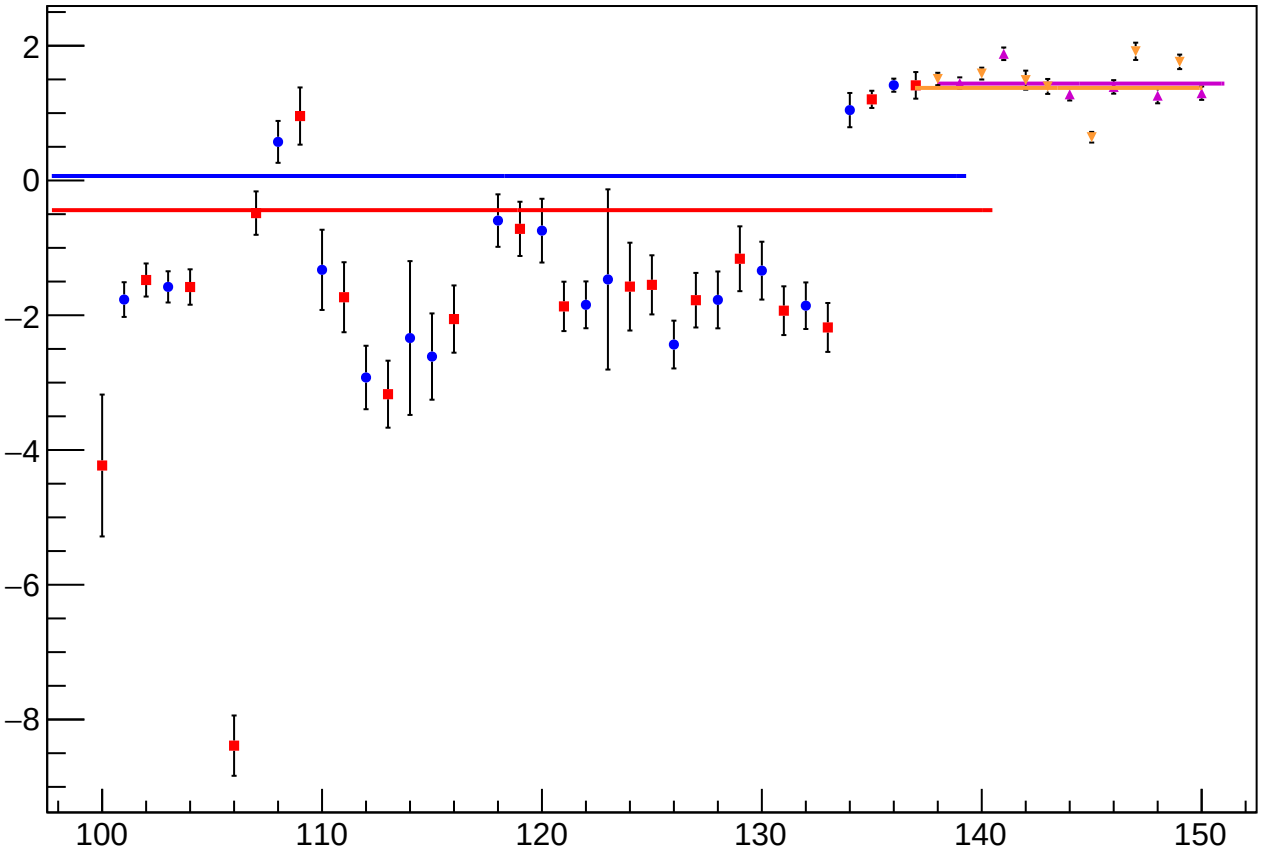
Left In: -129.643+/-0.801 χ^2/NDF:477.3/5

+ sign -148.575+/-0.661 χ^2/NDF: 1509.2/23

All: -144.969+/-0.477 χ^2/NDF: 3567.6/48

- sign -141.043+/-0.690 χ^2/NDF: 1996.2/24

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.374+/-0.038 χ^2/NDF:125.2/6

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

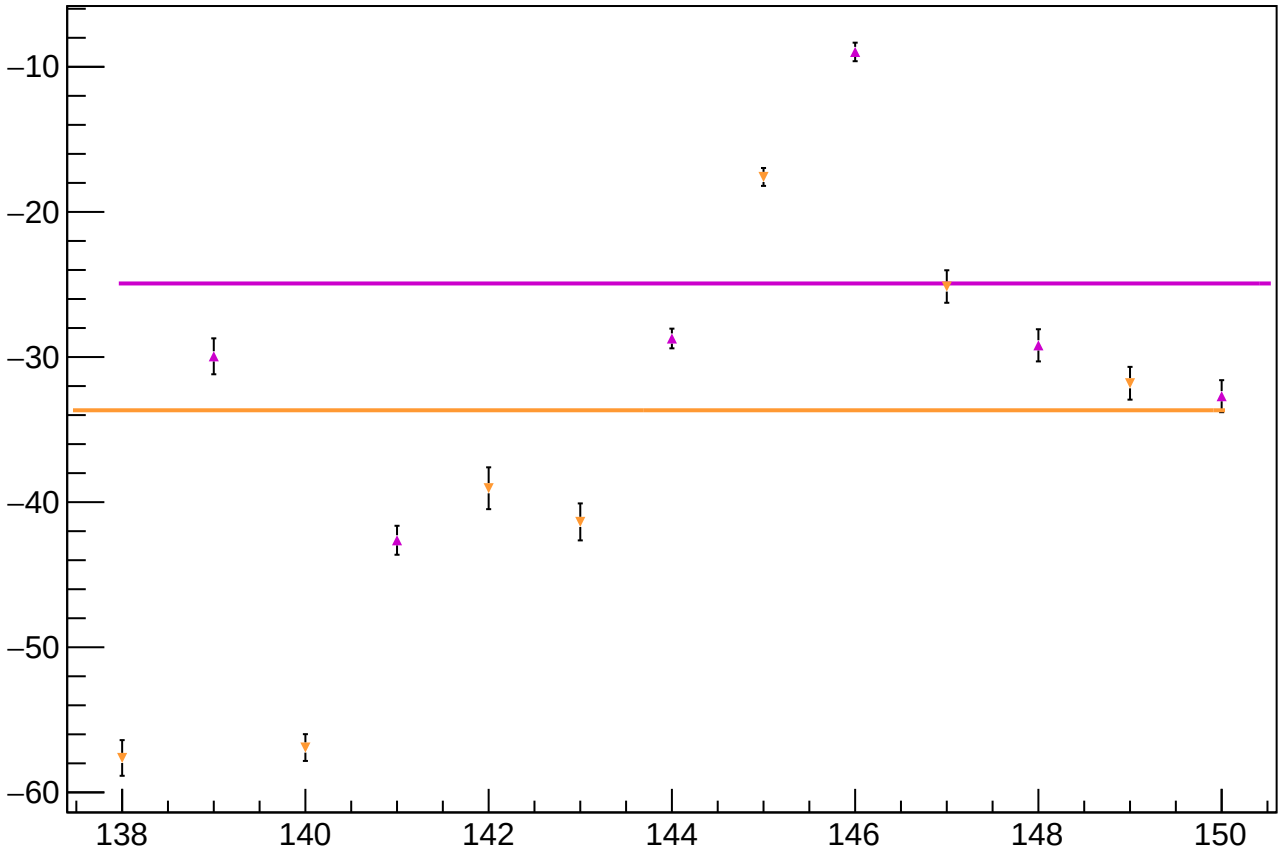
Left In: 1.438+/-0.039 χ^2/NDF:30.2/5

+ sign 1.053+/-0.033 χ^2/NDF: 938.7/23

All: 1.026+/-0.024 χ^2/NDF: 2259.4/48

- sign 0.998+/-0.034 χ^2/NDF: 1319.3/24

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -33.669+/-0.374 χ^2/NDF:1804.2/6

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

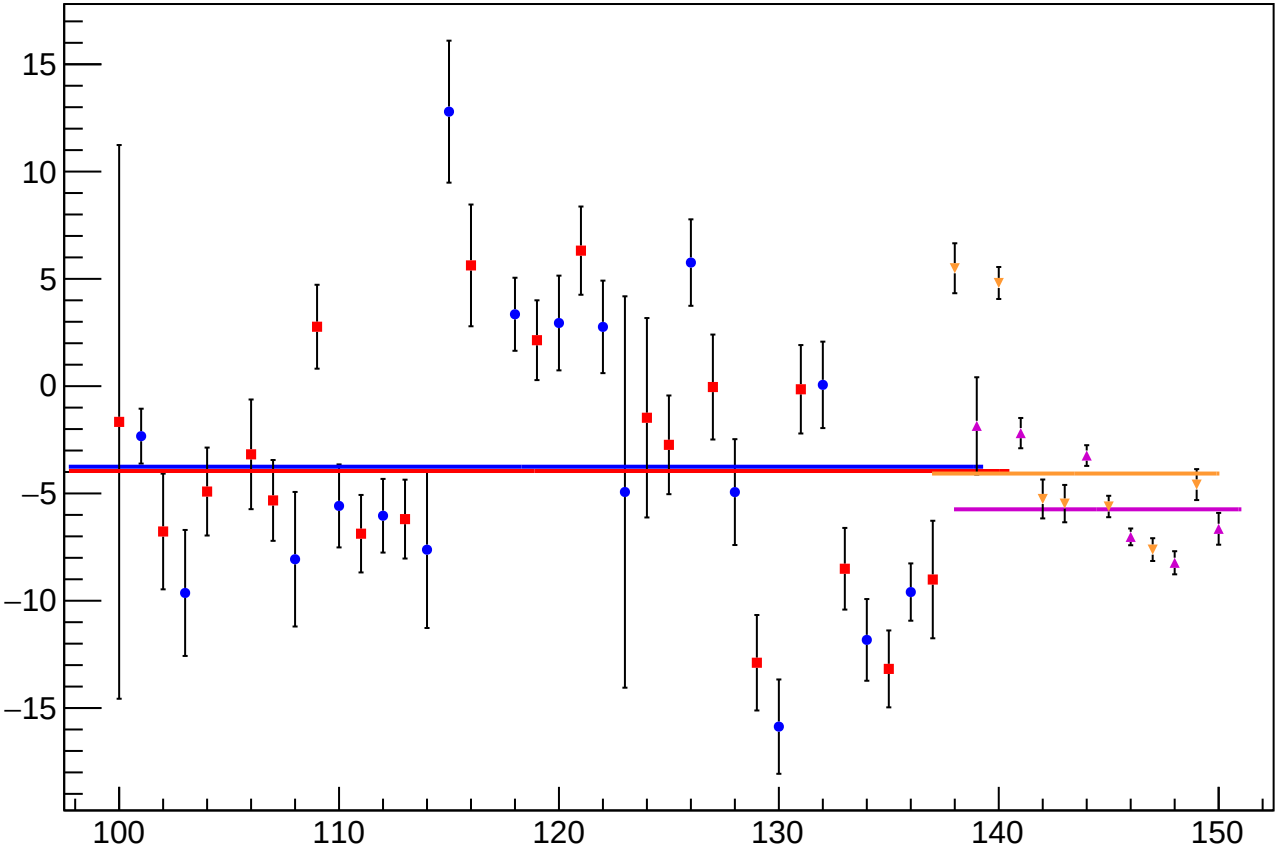
Left In: -24.930+/-0.355 χ^2/NDF:1050.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.073+/-0.258 χ^2/NDF: 3141.6/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -4.072+/-0.262 χ^2/NDF:268.4/6

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

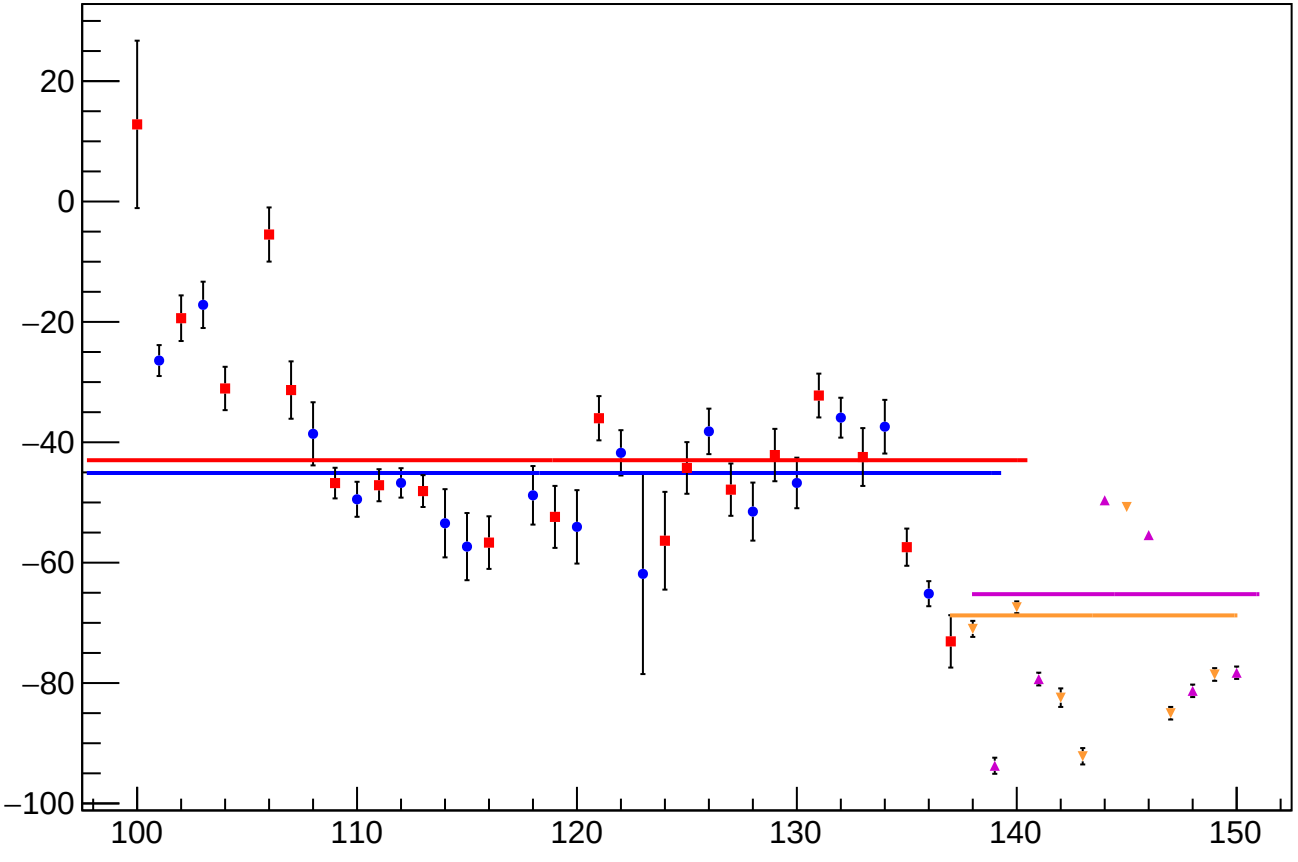
Left In: -5.740+/-0.234 χ^2/NDF:88.9/5

+ sign -4.003+/-0.232 χ^2/NDF: 434.0/23

All: -4.777+/-0.156 χ^2/NDF: 677.1/48

- sign -5.427+/-0.212 χ^2/NDF: 222.5/24

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -68.761+/-0.386 χ^2/NDF:1462.4/6

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

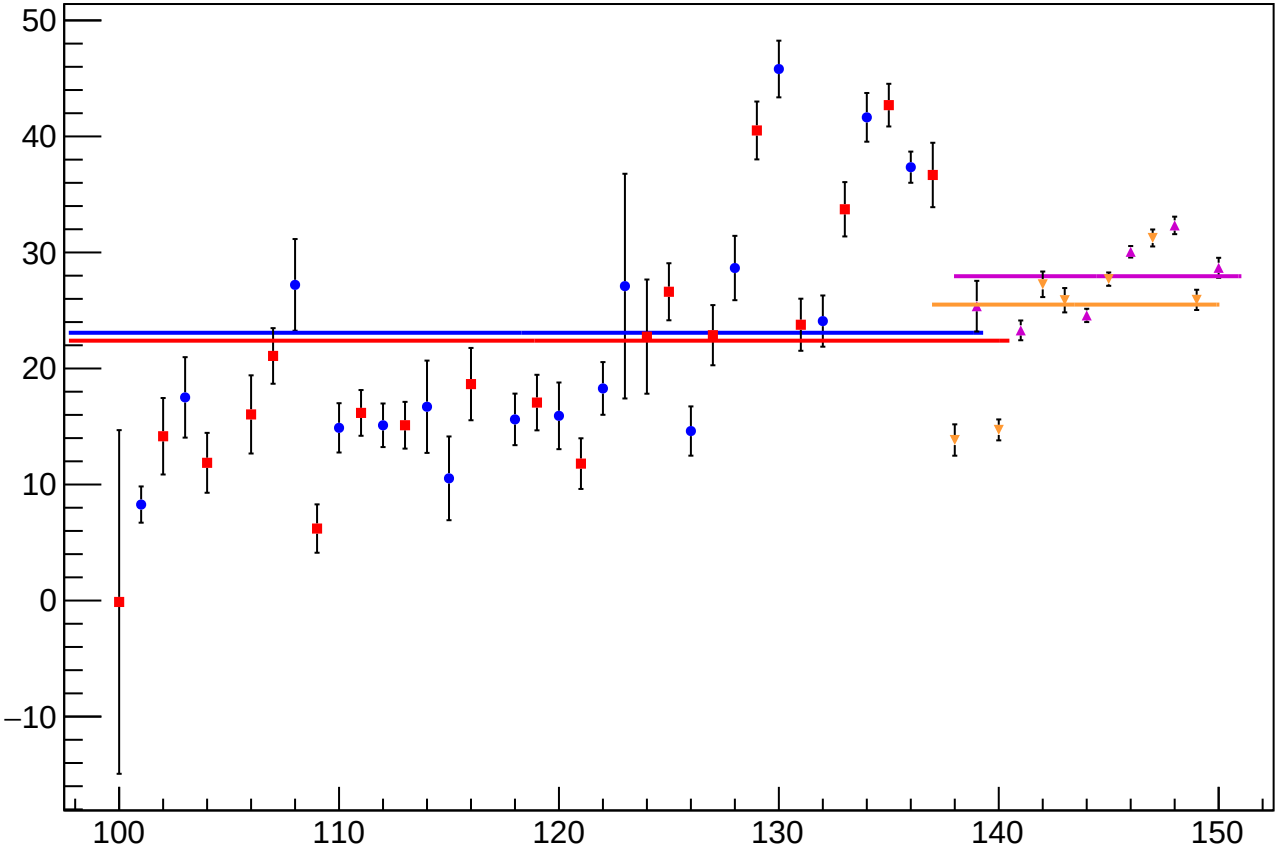
Left In: -65.233+/-0.357 χ^2/NDF:1745.8/5

+ sign -64.944+/-0.354 χ^2/NDF: 2297.4/23

All: -63.413+/-0.241 χ^2/NDF: 4879.2/48

- sign -62.077+/-0.330 χ^2/NDF: 2546.8/24

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 25.507+/-0.321 χ^2/NDF:296.5/6

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

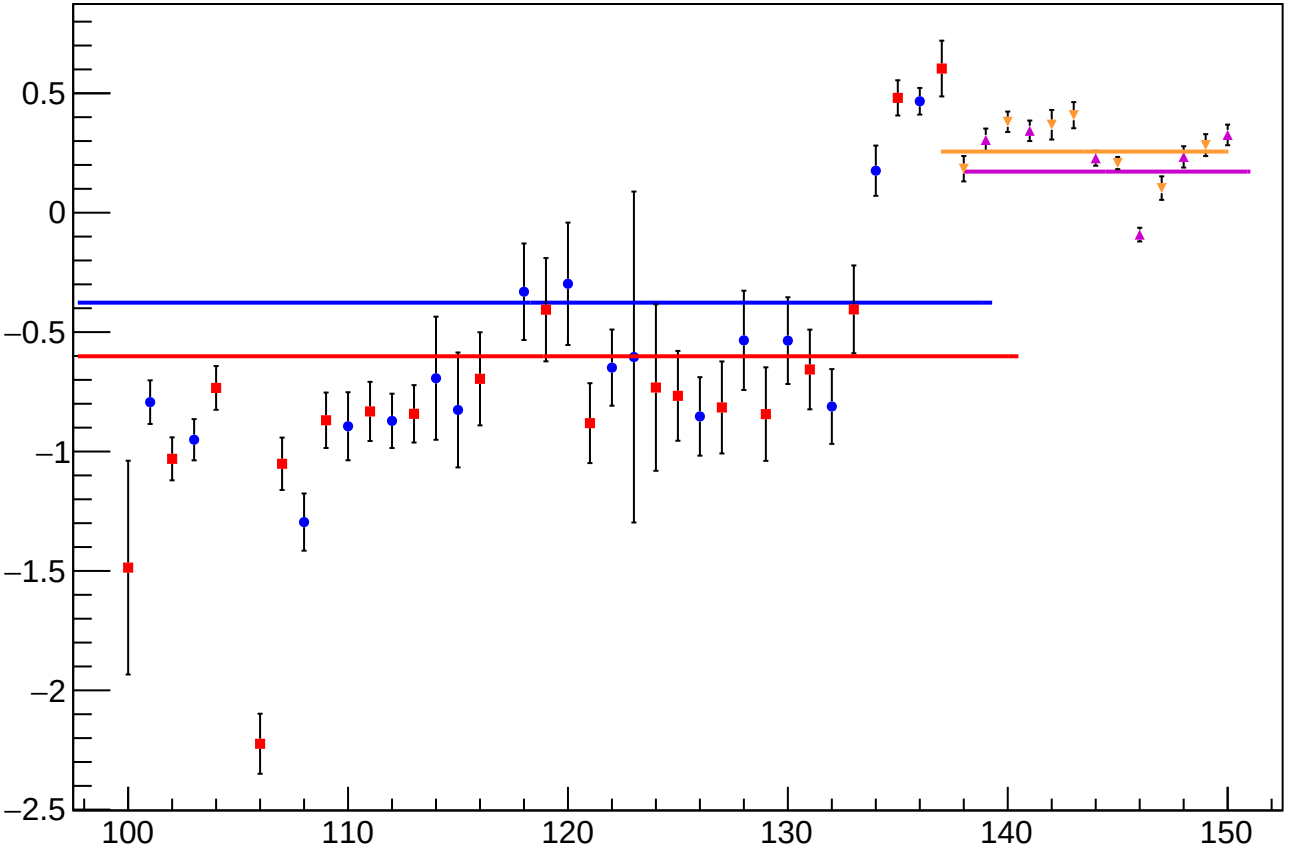
Left In: 27.953+/-0.291 χ^2/NDF:118.7/5

+ sign 24.900+/-0.278 χ^2/NDF: 772.0/23

All: 25.923+/-0.190 χ^2/NDF: 1361.2/48

- sign 26.813+/-0.259 χ^2/NDF: 563.9/24

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.256+/-0.016 χ^2/NDF:34.9/6

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

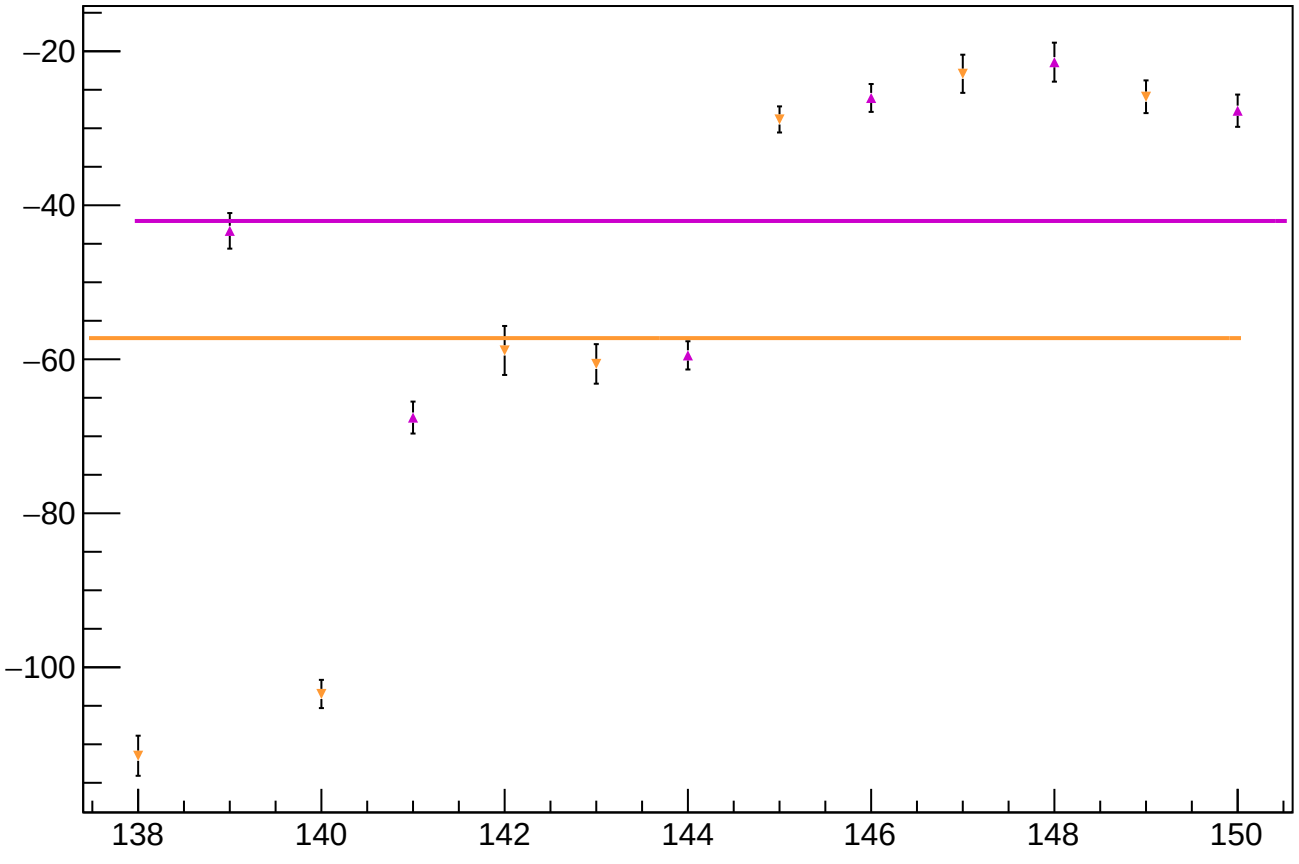
Left In: 0.172+/-0.015 χ^2/NDF:125.9/5

+ sign 0.116+/-0.014 χ^2/NDF: 816.6/23

All: 0.063+/-0.010 χ^2/NDF: 2047.4/48

- sign 0.014+/-0.014 χ^2/NDF: 1203.7/24

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -57.250+/-0.837 χ^2/NDF:1761.9/6

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

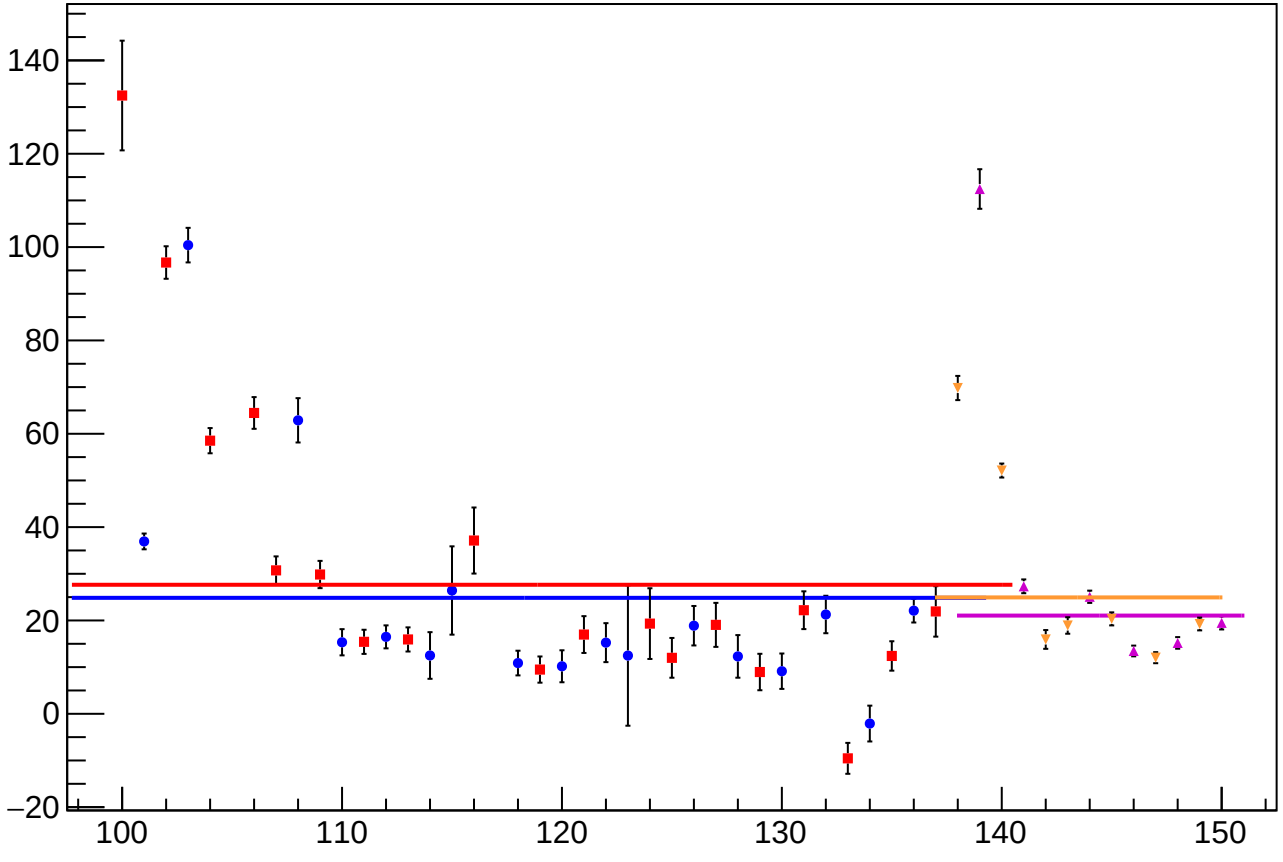
Left In: -42.039+/-0.844 χ^2/NDF:433.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -49.706+/-0.594 χ^2/NDF: 2359.0/12

- 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: 24.939+/-0.585 χ^2/NDF:806.9/6

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

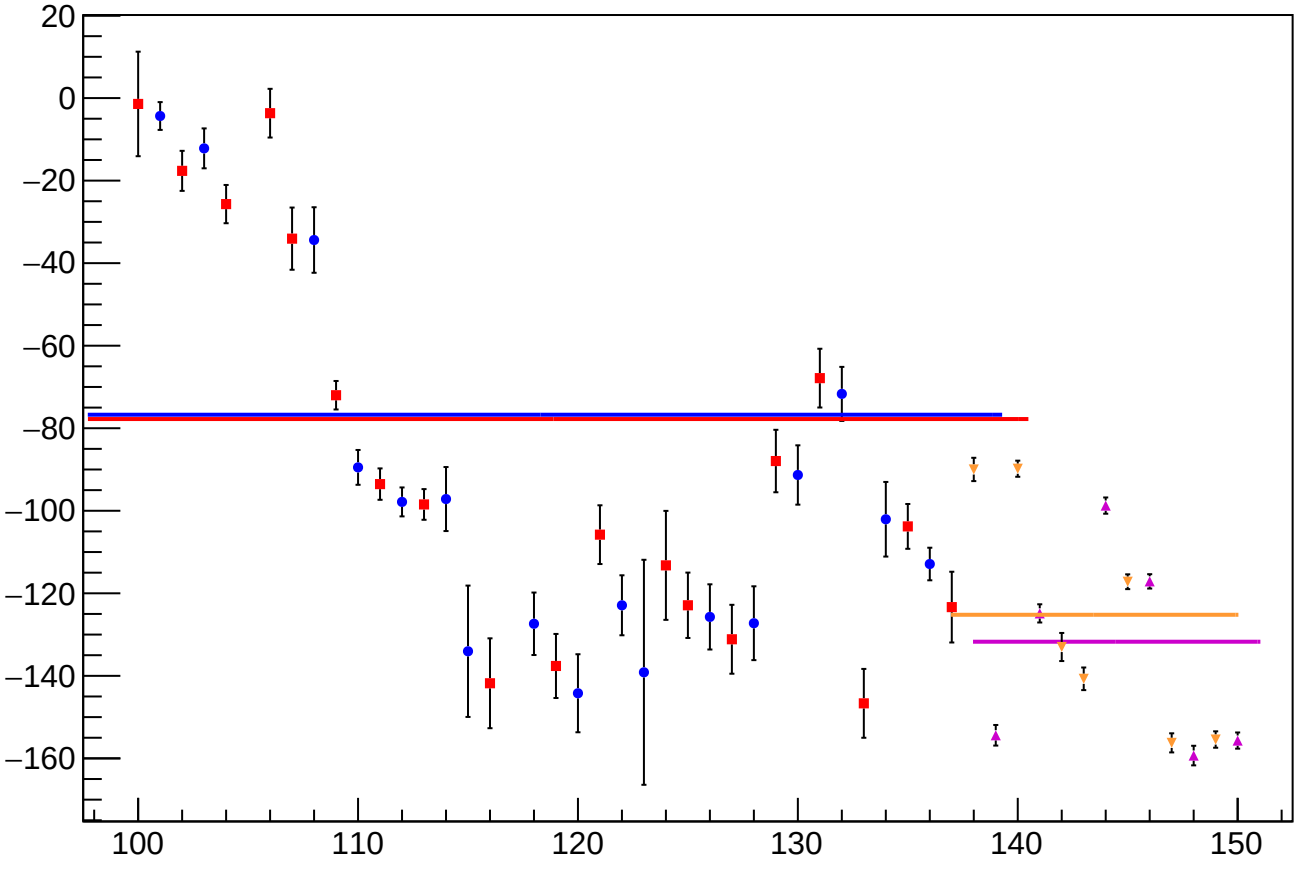
Left In: 21.045+/-0.578 χ^2/NDF:558.4/5

+ sign 24.907+/-0.472 χ^2/NDF: 1497.7/23

All: 24.086+/-0.333 χ^2/NDF: 3115.3/48

- sign 23.271+/-0.471 χ^2/NDF: 1611.6/24

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -125.203+/-0.858 χ^2/NDF:953.1/6

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

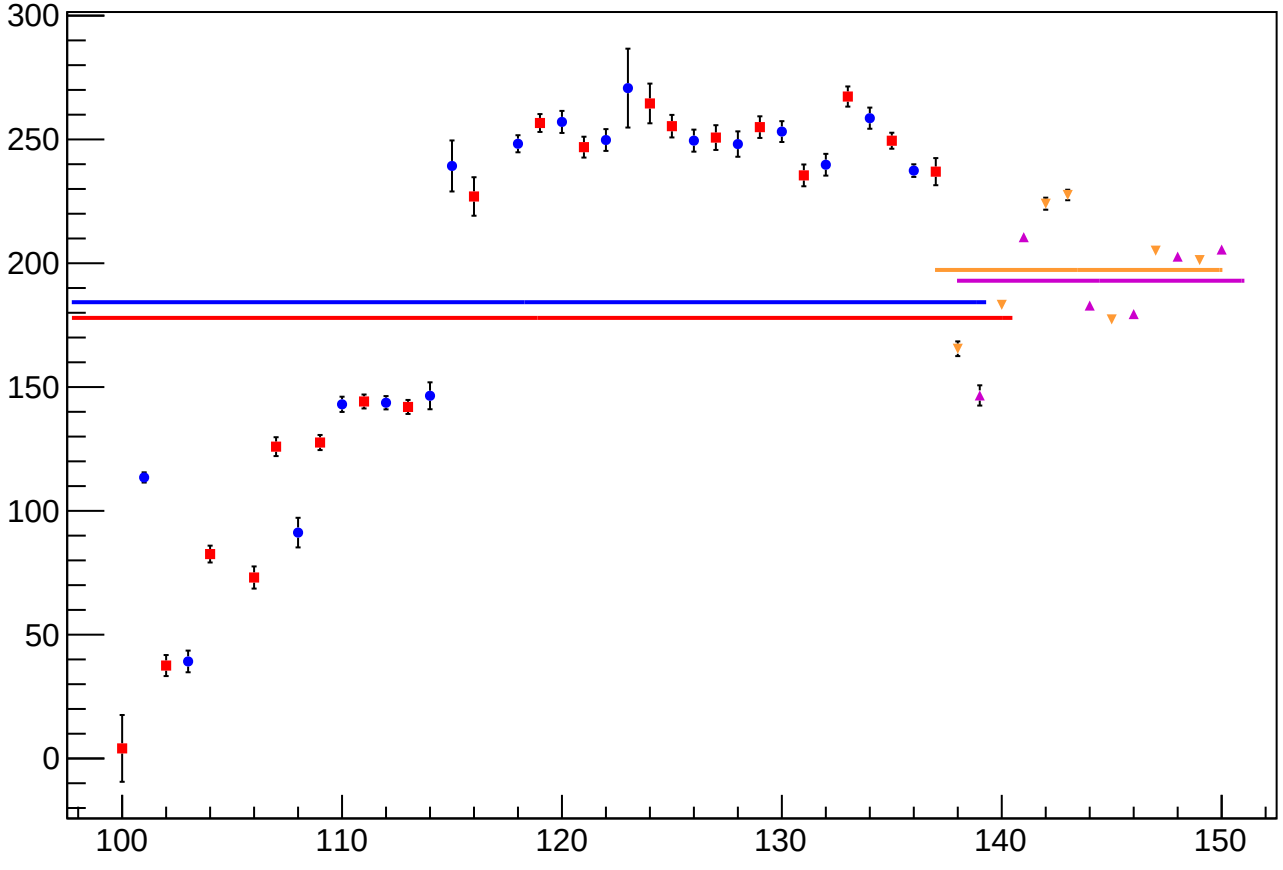
Left In: -131.731+/-0.847 χ^2/NDF:728.7/5

+ sign -112.139+/-0.733 χ^2/NDF: 2855.8/23

All: -114.375+/-0.513 χ^2/NDF: 5617.9/48

- sign -116.520+/-0.718 χ^2/NDF: 2743.8/24

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 197.296+/-0.717 χ^2/NDF:683.2/6

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

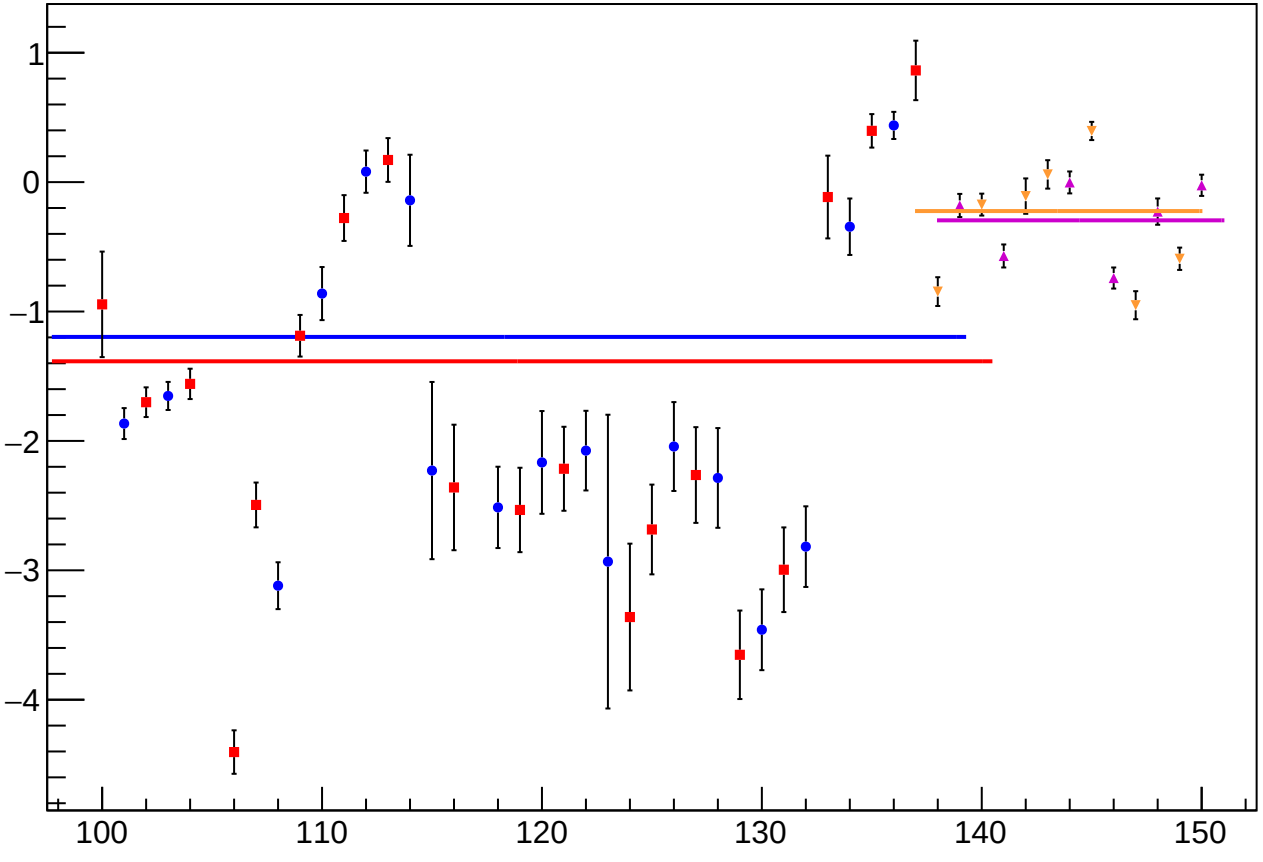
Left In: 192.941+/-0.710 χ^2/NDF:447.0/5

+ sign 192.331+/-0.564 χ^2/NDF: 6210.0/23

All: 189.845+/-0.398 χ^2/NDF: 13192.6/48

- sign 187.369+/-0.563 χ^2/NDF: 6943.9/24

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.224+/-0.036 χ^2/NDF:179.8/6

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

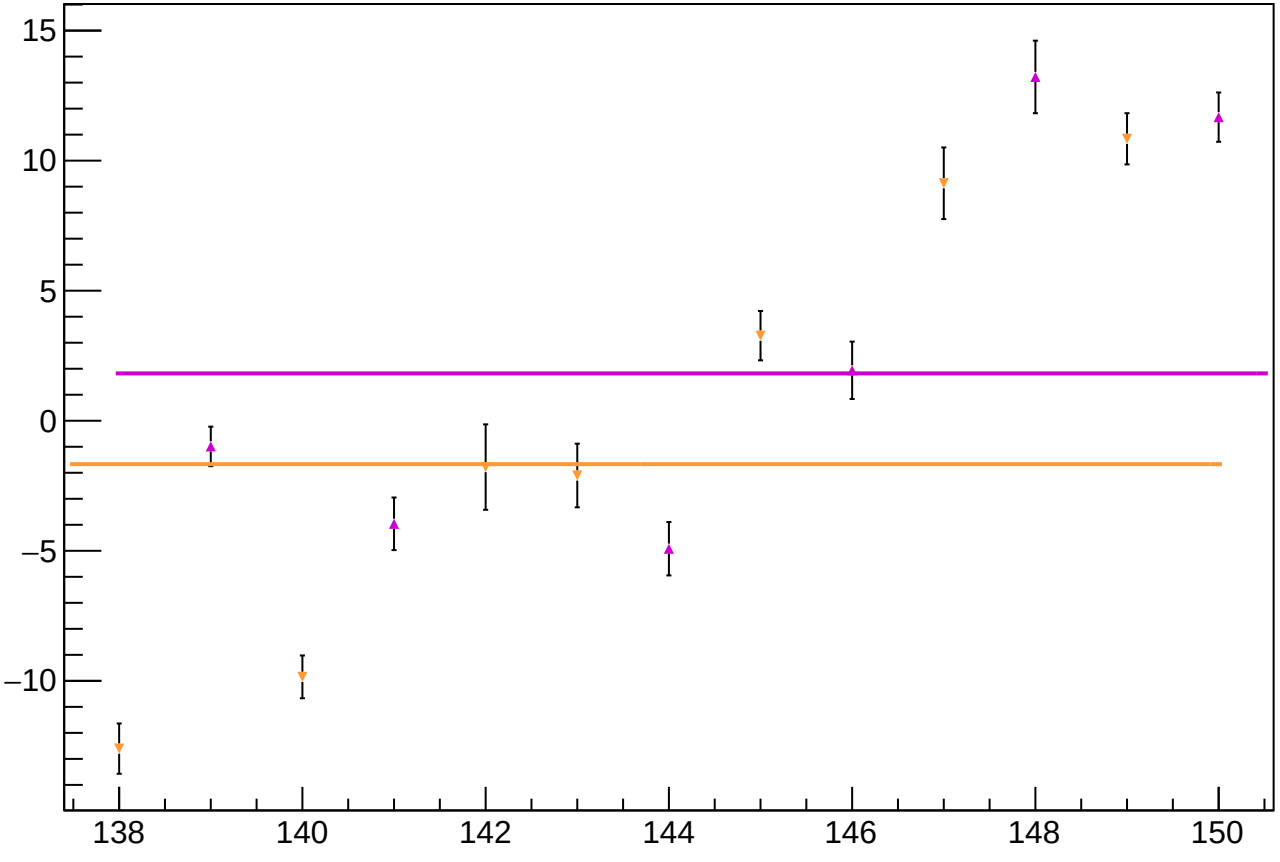
Left In: -0.295+/-0.036 χ^2/NDF:64.5/5

+ sign -0.571+/-0.029 χ^2/NDF: 1065.9/23

All: -0.640+/-0.020 χ^2/NDF: 2418.6/48

- sign -0.707+/-0.028 χ^2/NDF: 1341.4/24

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -1.668+/-0.400 χ^2/NDF:476.7/6

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

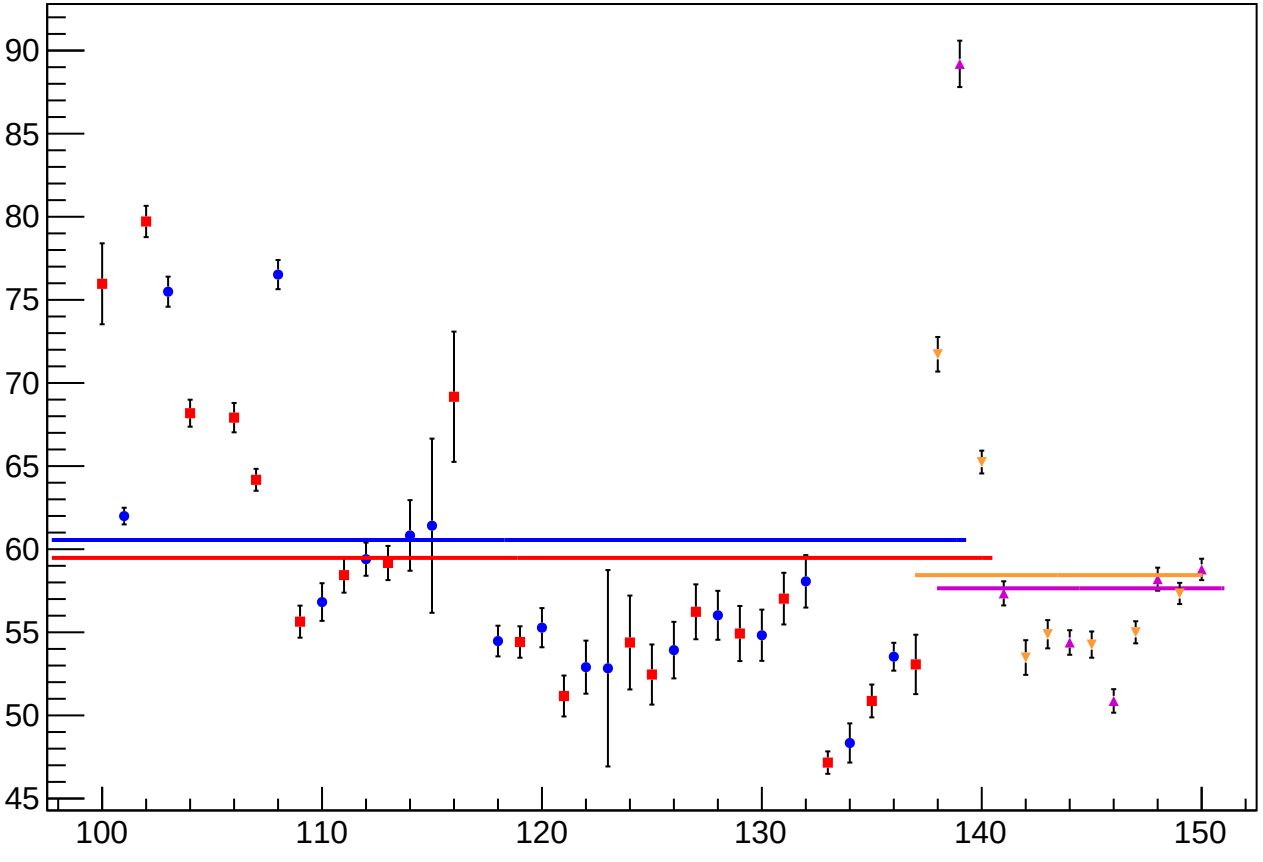
Left In: 1.821+/-0.404 χ^2/NDF:264.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.057+/-0.284 χ^2/NDF: 778.9/12

- 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: 58.440+/-0.293 χ^2/NDF:359.0/6

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

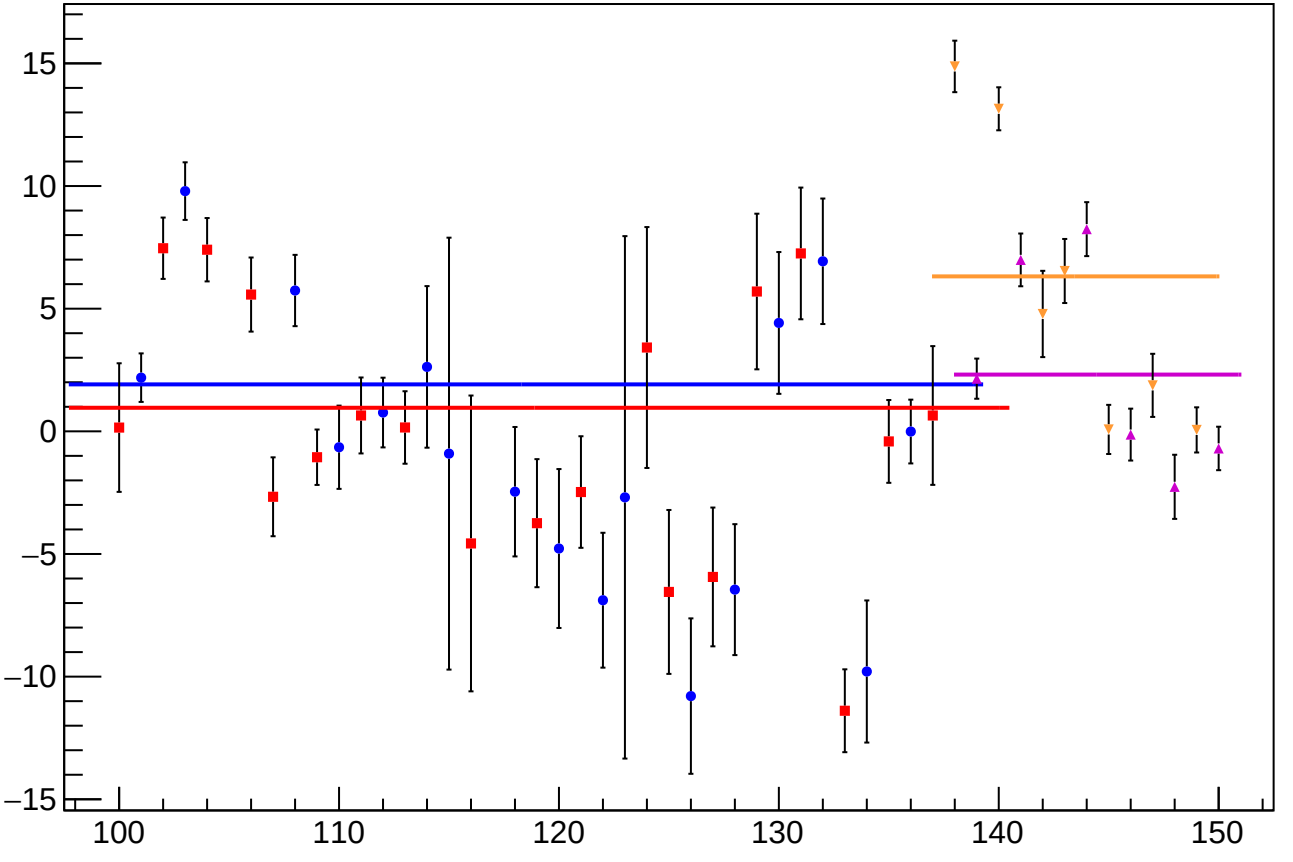
Left In: 57.647+/-0.305 χ^2/NDF:625.8/5

+ sign 59.615+/-0.195 χ^2/NDF: 1318.8/23

All: 59.177+/-0.137 χ^2/NDF: 3293.2/48

- sign 58.750+/-0.192 χ^2/NDF: 1964.4/24

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 6.316+/-0.412 χ^2/NDF:224.9/6

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

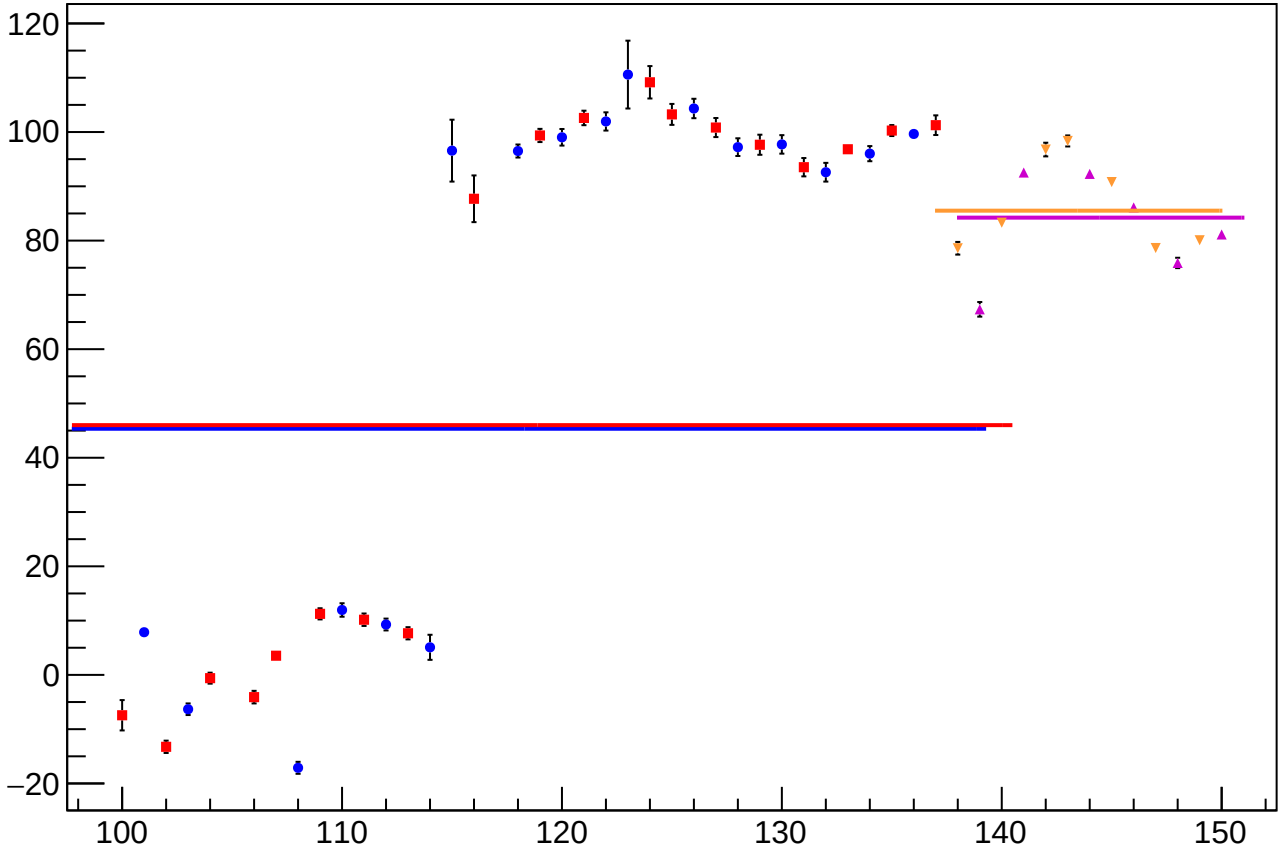
Left In: 2.313+/-0.410 χ^2/NDF:77.2/5

+ sign 4.348+/-0.306 χ^2/NDF: 397.7/23

All: 2.953+/-0.212 χ^2/NDF: 669.5/48

- sign 1.659+/-0.295 χ^2/NDF: 231.9/24

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 85.515+/-0.355 χ^2/NDF:423.9/6

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

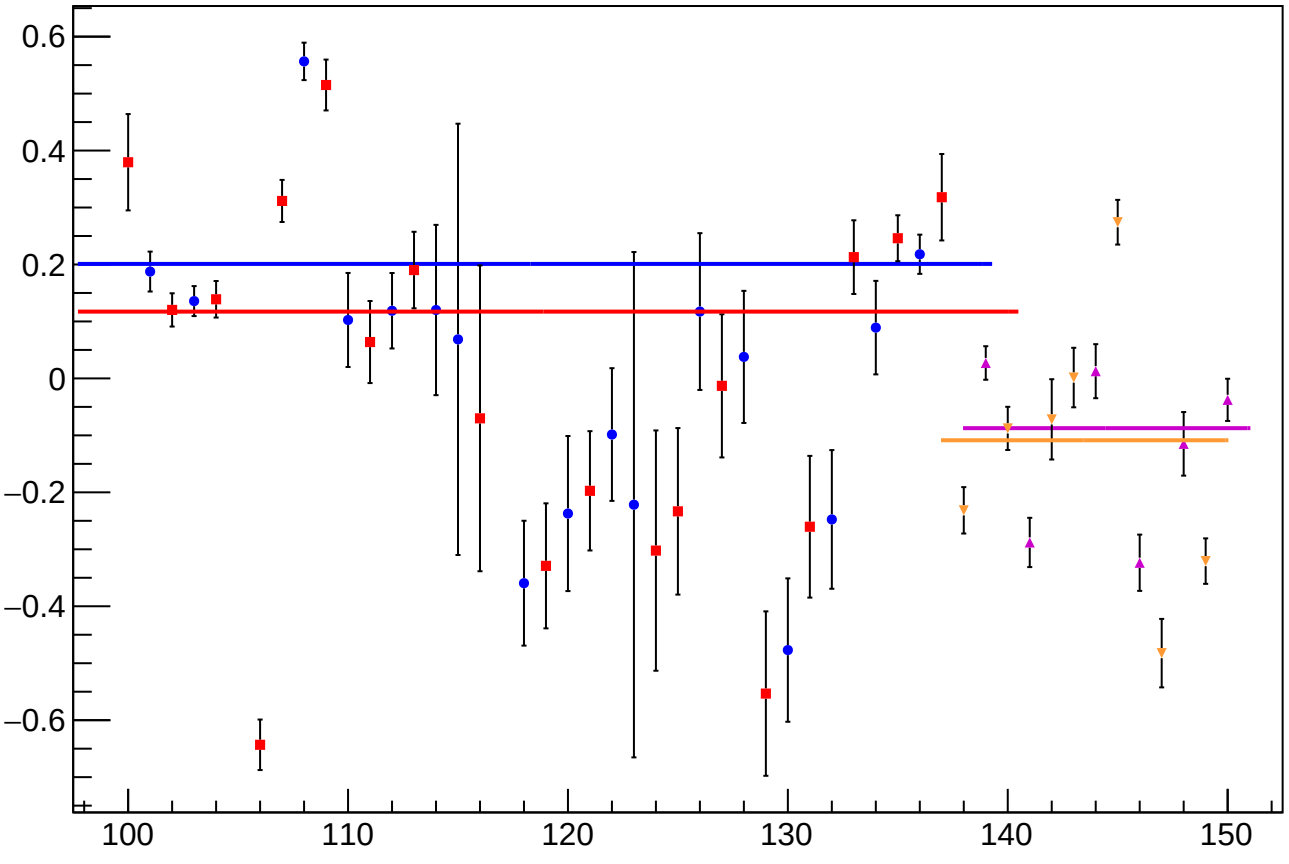
Left In: 84.230+/-0.368 χ^2/NDF:432.0/5

+ sign 62.296+/-0.231 χ^2/NDF: 32900.6/23

All: 61.448+/-0.162 χ^2/NDF: 68246.5/48

- sign 60.623+/-0.227 χ^2/NDF: 35319.3/24

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.109+/-0.017 χ^2/NDF:176.2/6

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

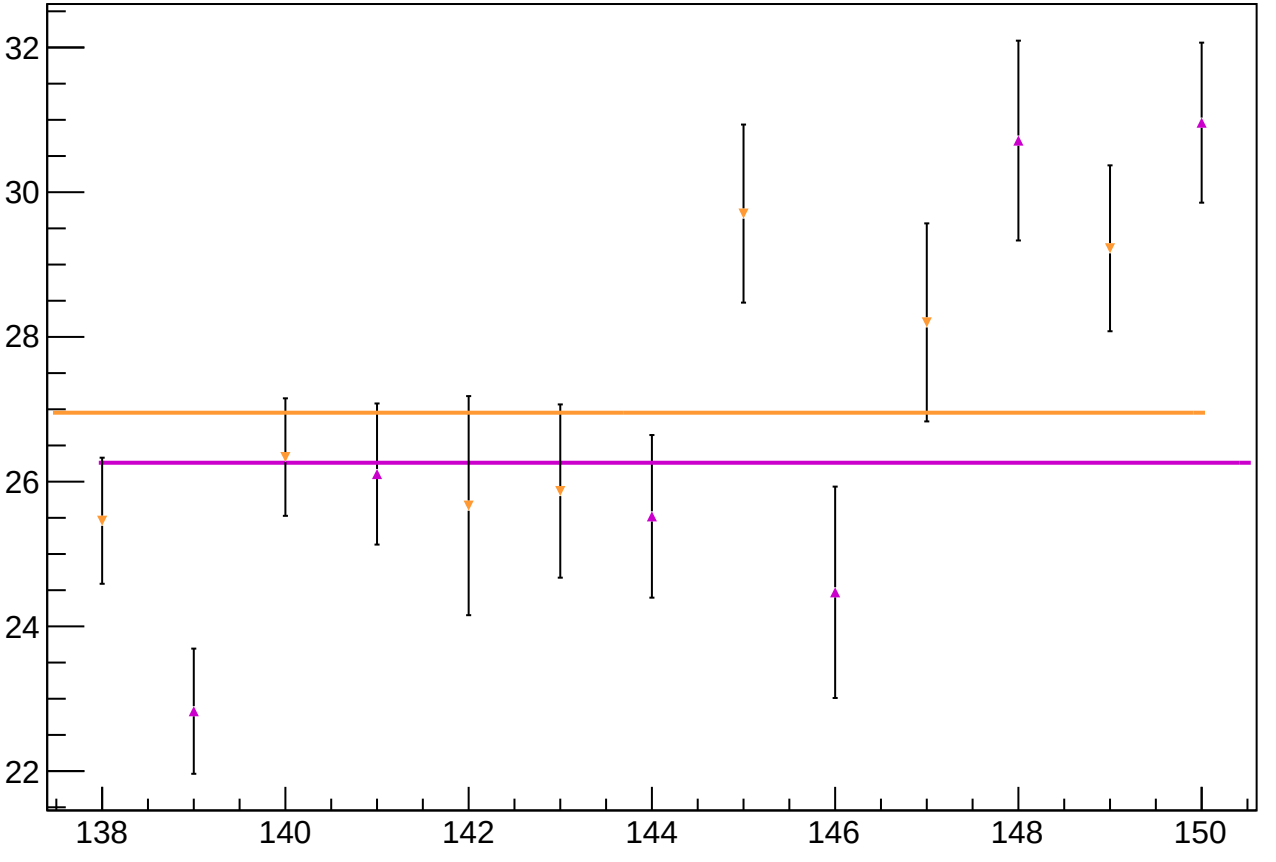
Left In: -0.087+/-0.017 χ^2/NDF:66.0/5

+ sign 0.076+/-0.011 χ^2/NDF: 589.9/23

All: 0.057+/-0.007 χ^2/NDF: 1255.6/48

- sign 0.040+/-0.010 χ^2/NDF: 659.6/24

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 26.953+/-0.411 χ^2/NDF:14.8/6

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

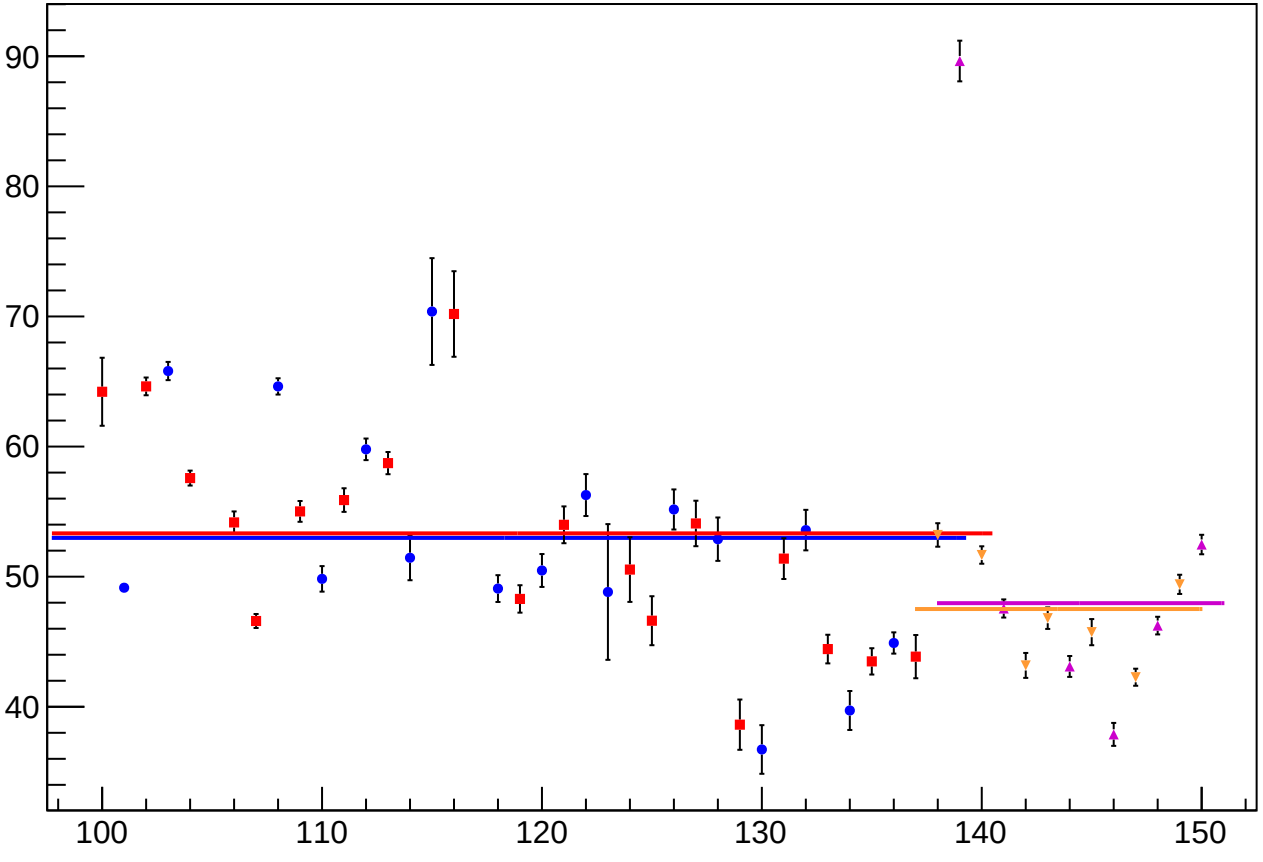
Left In: 26.261+/-0.448 χ^2/NDF:46.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 26.637+/-0.303 χ^2/NDF: 62.3/12

- 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: 47.514+/-0.299 χ^2/NDF:173.0/6

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

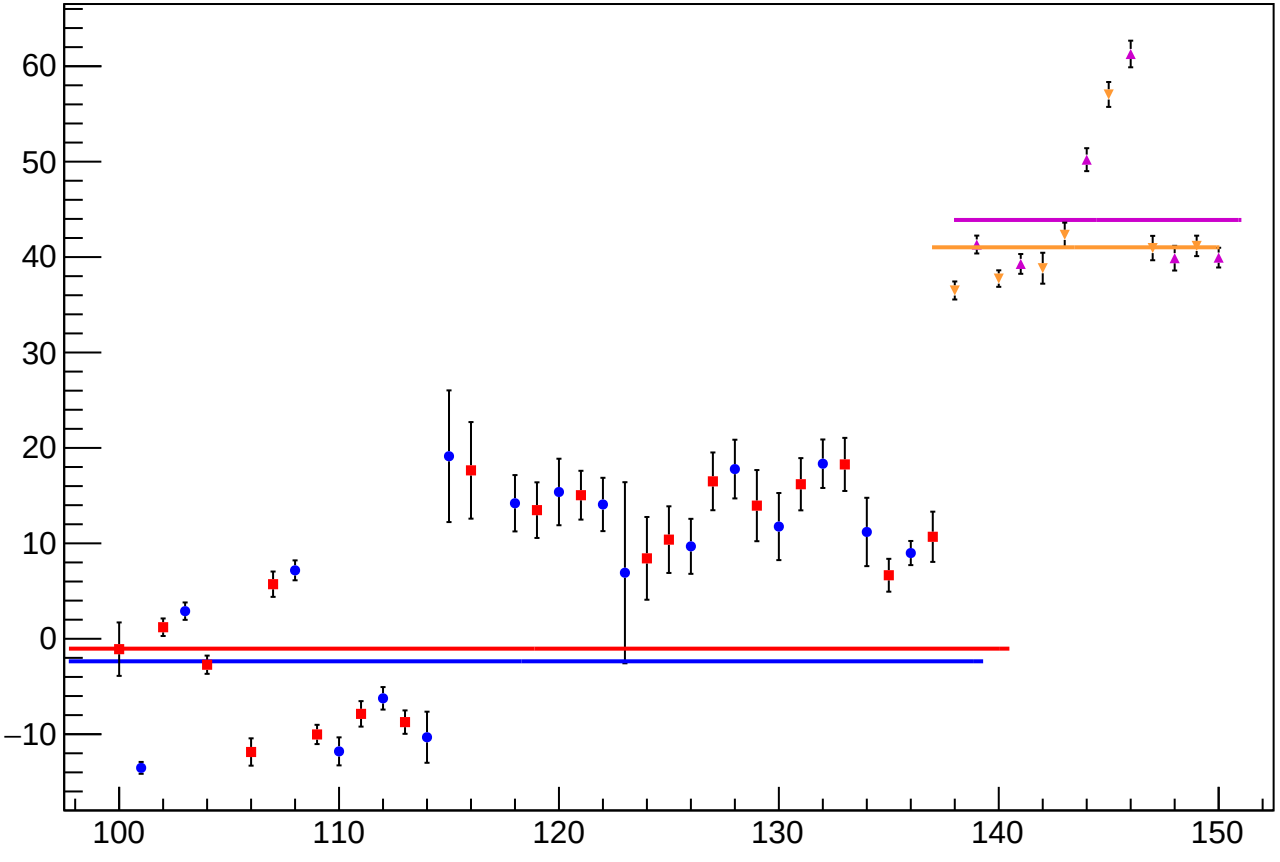
Left In: 47.964+/-0.329 χ^2/NDF:921.1/5

+ sign 51.177+/-0.172 χ^2/NDF: 1594.1/23

All: 51.370+/-0.126 χ^2/NDF: 3571.1/48

- sign 51.599+/-0.187 χ^2/NDF: 1974.2/24

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 41.024+/-0.426 χ^2/NDF:190.8/6

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

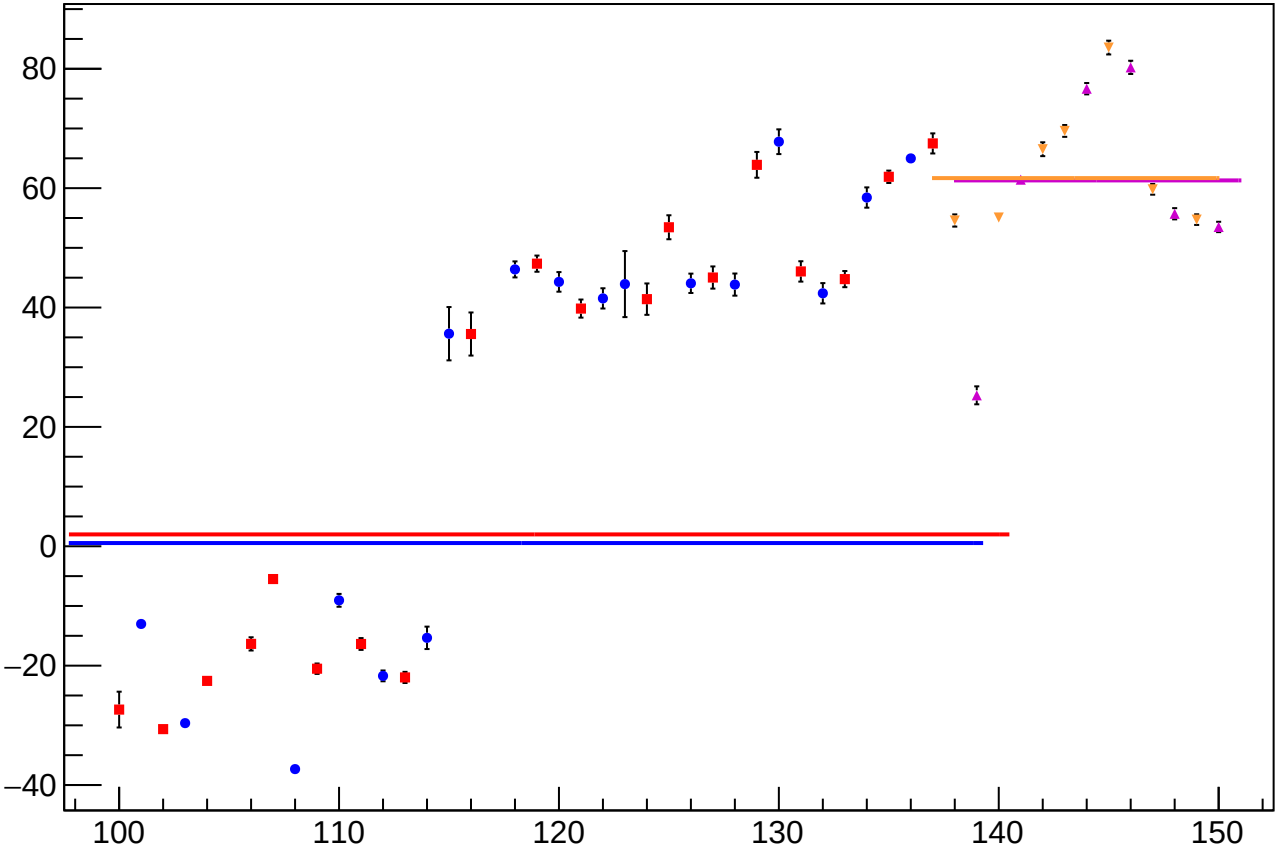
Left In: 43.890+/-0.456 χ^2/NDF:234.5/5

+ sign 15.954+/-0.277 χ^2/NDF: 7034.9/23

All: 16.546+/-0.200 χ^2/NDF: 13552.9/48

- sign 17.199+/-0.291 χ^2/NDF: 6508.4/24

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 61.685+/-0.365 χ^2/NDF:619.2/6

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

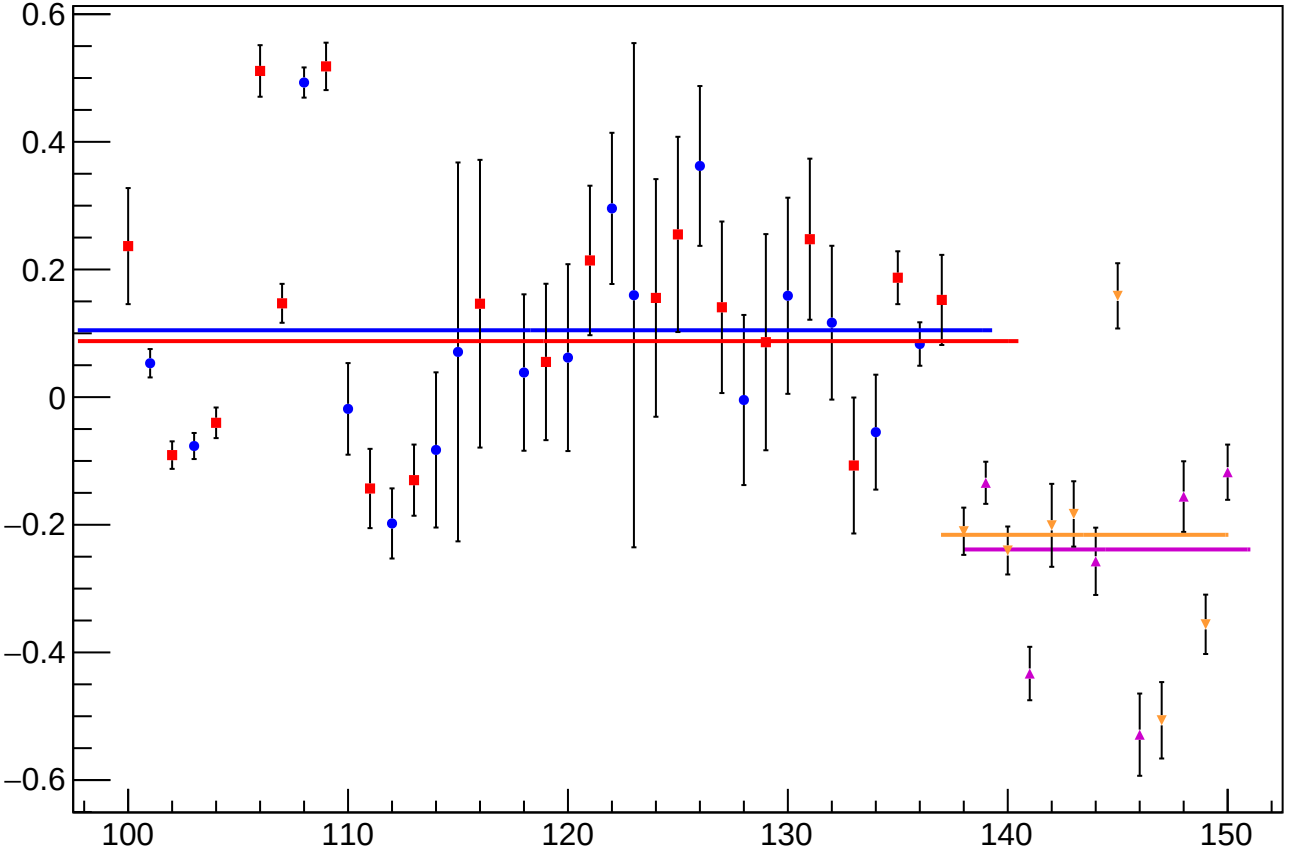
Left In: 61.299+/-0.400 χ^2/NDF:1240.6/5

+ sign 19.695+/-0.204 χ^2/NDF: 38285.3/23

All: 19.926+/-0.150 χ^2/NDF: 70209.2/48

- sign 20.199+/-0.222 χ^2/NDF: 31921.1/24

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.216+/-0.018 χ^2/NDF:87.2/6

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

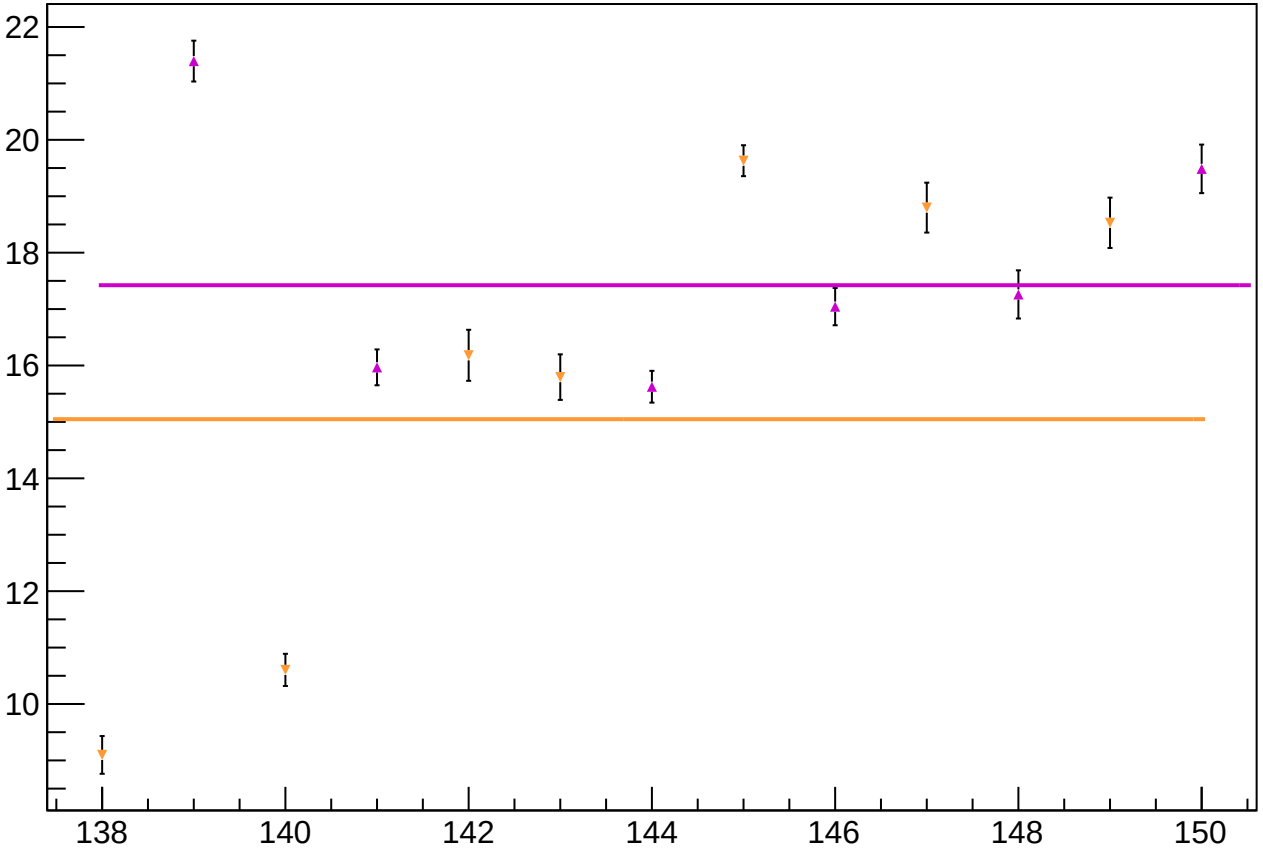
Left In: -0.239+/-0.018 χ^2/NDF:62.1/5

+ sign 0.015+/-0.009 χ^2/NDF: 723.4/23

All: 0.009+/-0.007 χ^2/NDF: 1409.1/48

- sign 0.002+/-0.009 χ^2/NDF: 684.6/24

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 15.049+/-0.134 χ^2/NDF:980.8/6

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

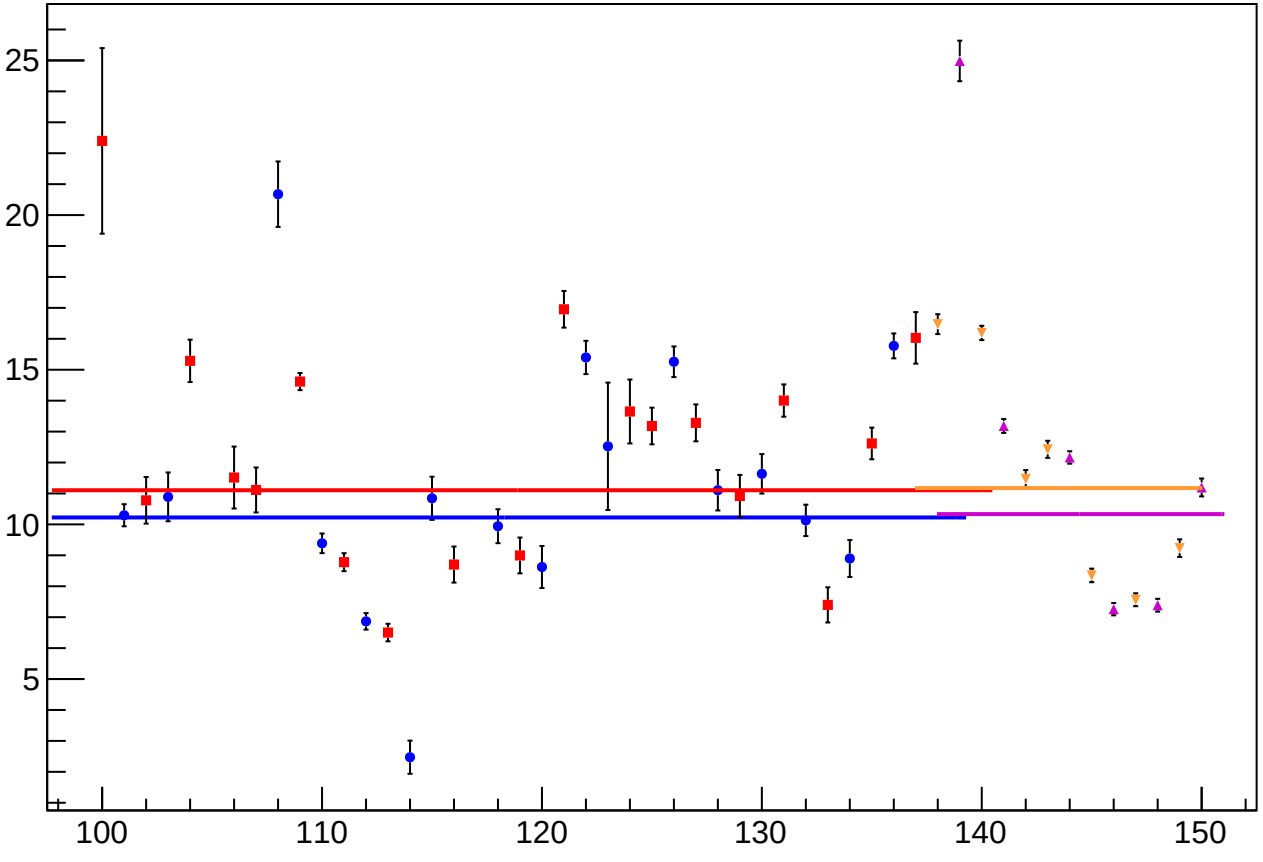
Left In: 17.423+/-0.141 χ^2/NDF:206.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 16.174+/-0.097 χ^2/NDF: 1336.2/12

- 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: 11.174+/-0.096 χ^2/NDF:1271.9/6

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

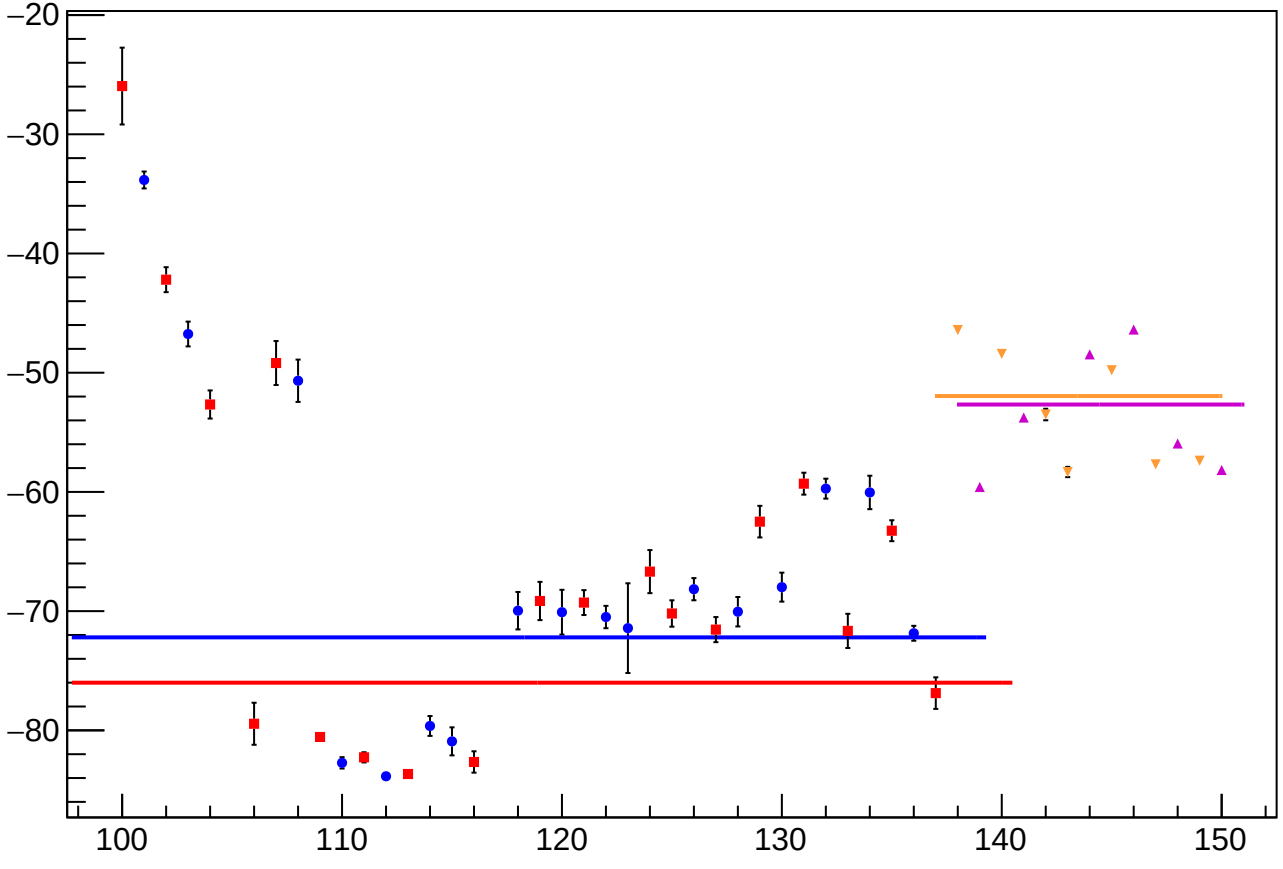
Left In: 10.332+/-0.097 χ^2/NDF:1191.0/5

+ sign 10.801+/-0.074 χ^2/NDF: 2188.3/23

All: 10.724+/-0.053 χ^2/NDF: 4224.7/48

- sign 10.647+/-0.074 χ^2/NDF: 2034.3/24

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -51.957+/-0.139 χ^2/NDF:1013.9/6

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

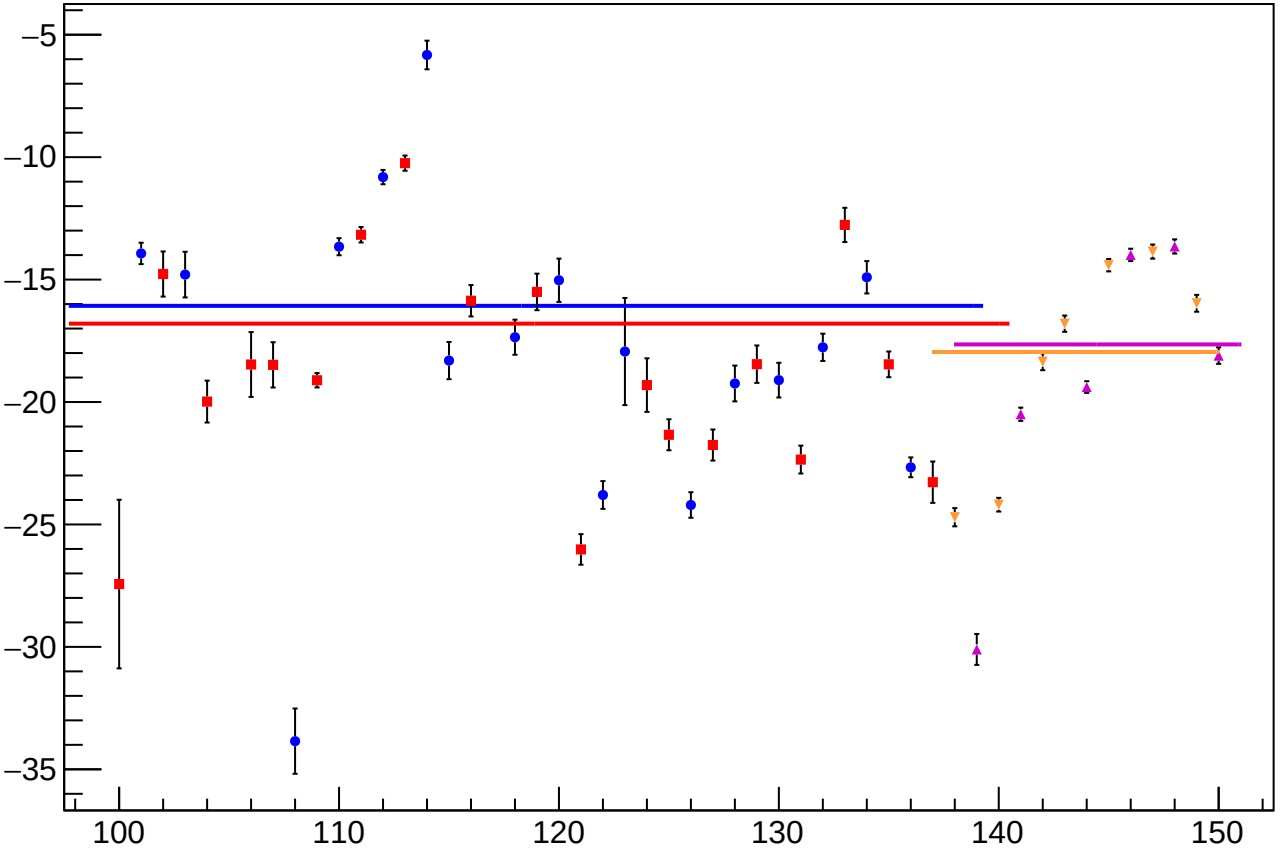
Left In: -52.669+/-0.143 χ^2/NDF:1164.3/5

+ sign -58.686+/-0.114 χ^2/NDF: 13580.9/23

All: -60.199+/-0.080 χ^2/NDF: 28774.1/48

- sign -61.670+/-0.112 χ^2/NDF: 14845.7/24

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -17.957+/-0.117 χ^2/NDF:1268.5/6

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

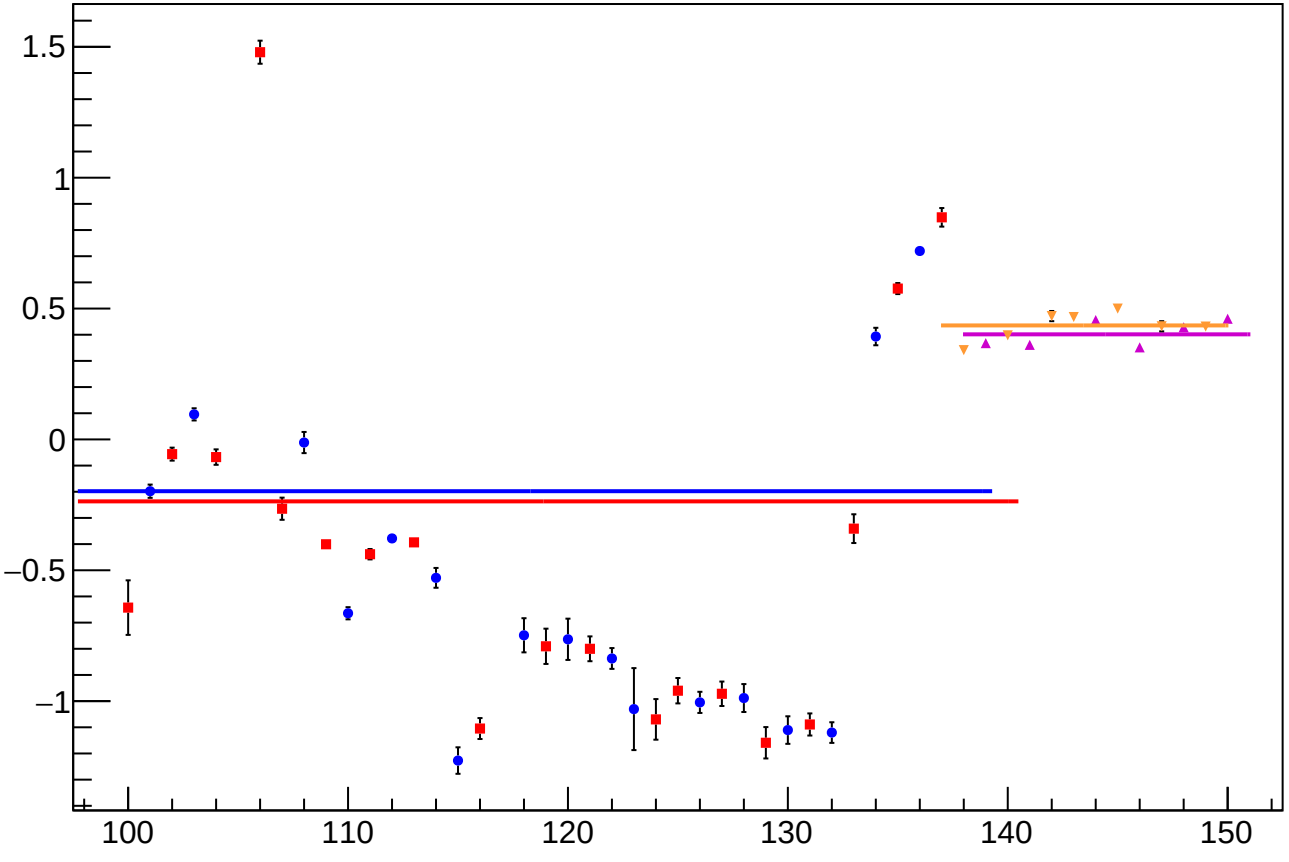
Left In: -17.648+/-0.120 χ^2/NDF:952.5/5

+ sign -17.130+/-0.088 χ^2/NDF: 3023.6/23

All: -17.192+/-0.062 χ^2/NDF: 5216.3/48

- sign -17.253+/-0.087 χ^2/NDF: 2191.7/24

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:89.3/6

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

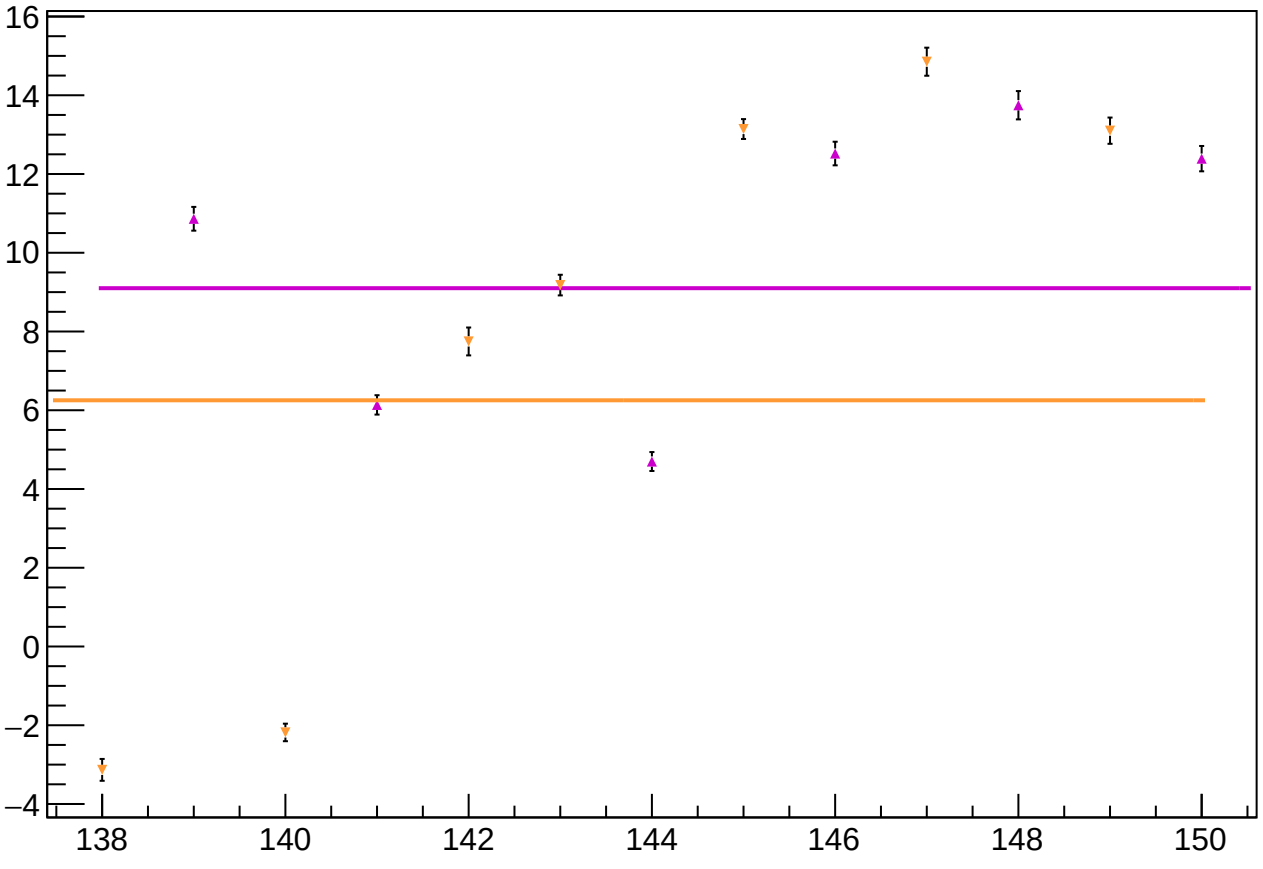
Left In: 0.401+/-0.006 χ^2/NDF:58.3/5

+ sign 0.200+/-0.005 χ^2/NDF: 10867.3/23

All: 0.170+/-0.003 χ^2/NDF: 21904.2/48

- sign 0.139+/-0.005 χ^2/NDF: 10949.6/24

reg_asym_sam8_diff_bpm1X_slope vs Slug



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

Left Out: 6.253+/-0.106 χ^2/NDF:4469.3/6

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

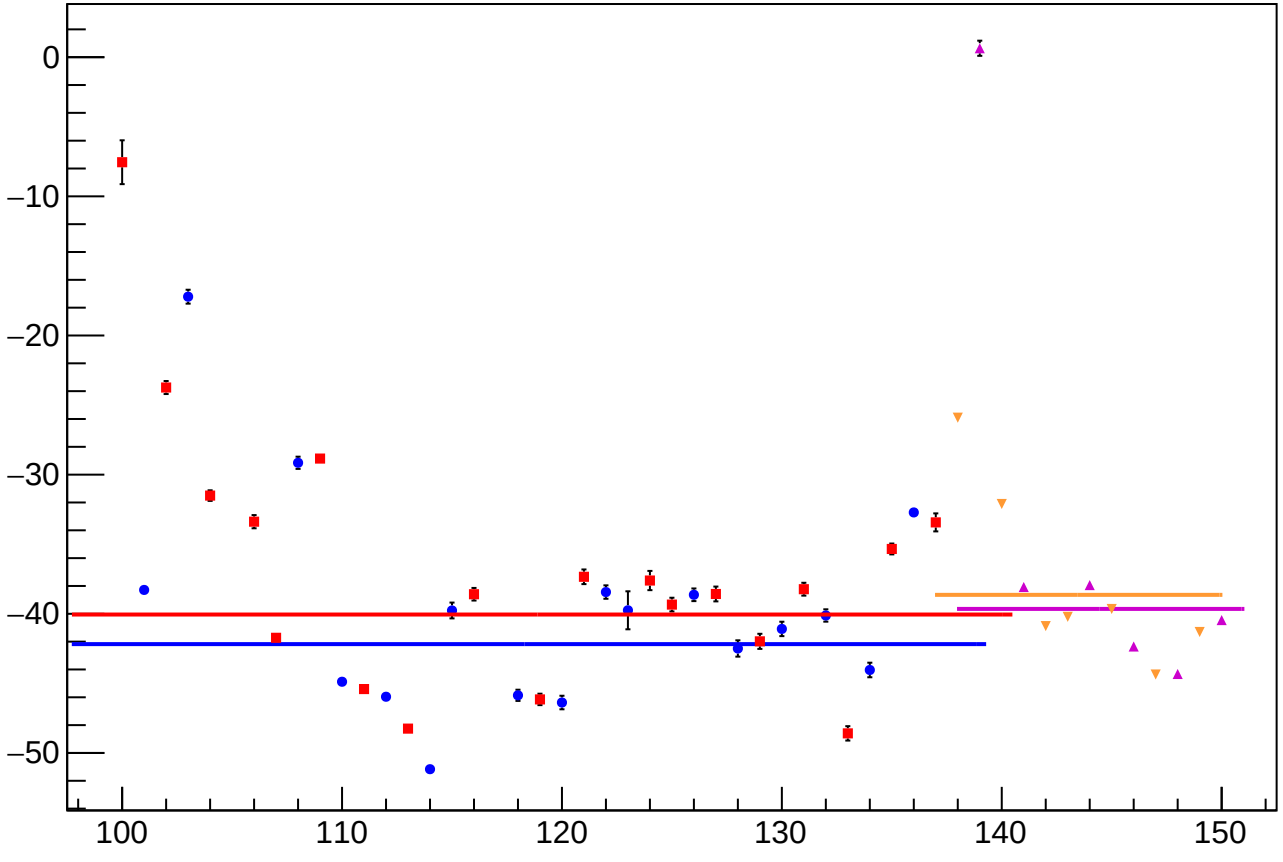
Left In: 9.100+/-0.117 χ^2/NDF:916.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.545+/-0.079 χ^2/NDF: 5710.0/12

- 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: -38.638+/-0.075 χ^2/NDF:5033.2/6

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

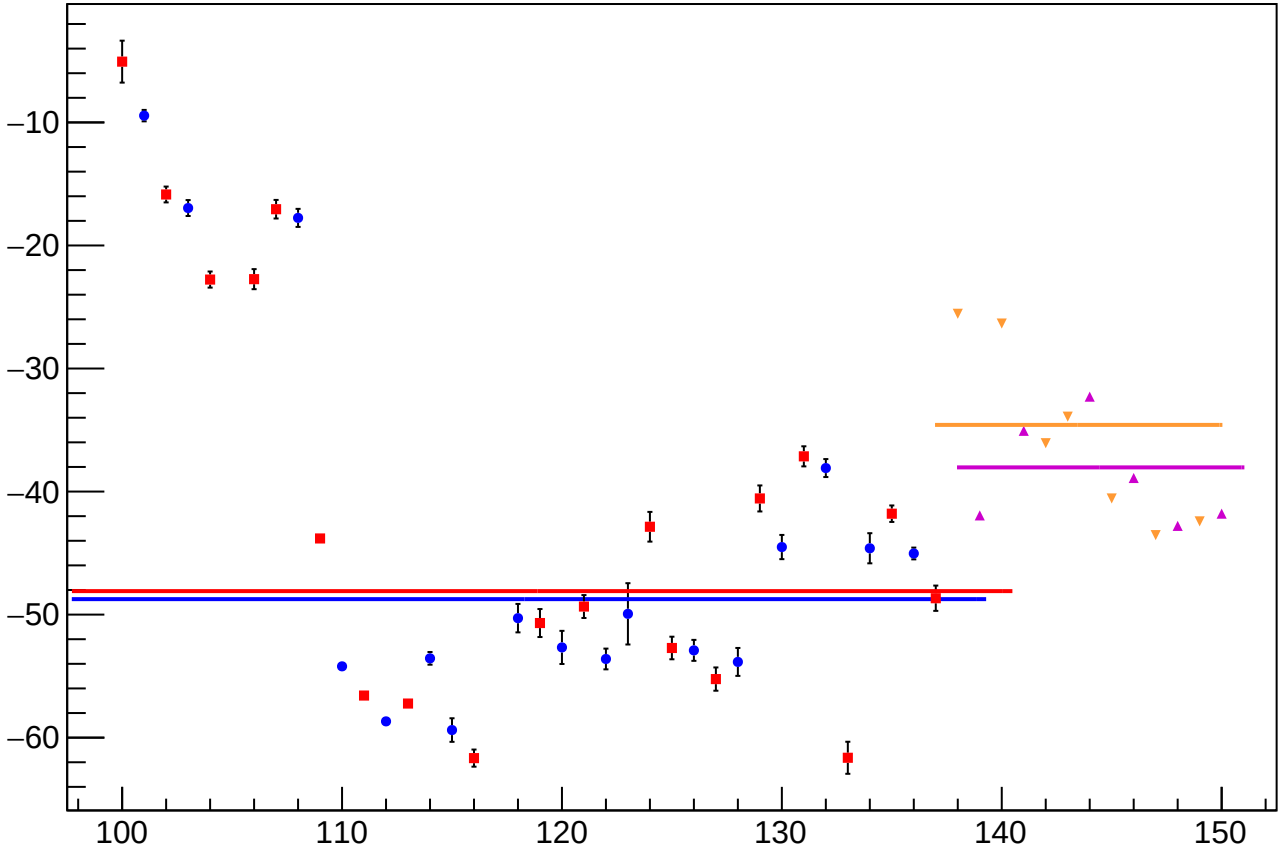
Left In: -39.648+/-0.081 χ^2/NDF:6585.2/5

+ sign -40.355+/-0.054 χ^2/NDF: 12674.5/23

All: -40.113+/-0.038 χ^2/NDF: 30626.9/48

- sign -39.872+/-0.054 χ^2/NDF: 17912.5/24

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -34.582+/-0.111 χ^2/NDF:3981.4/6

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

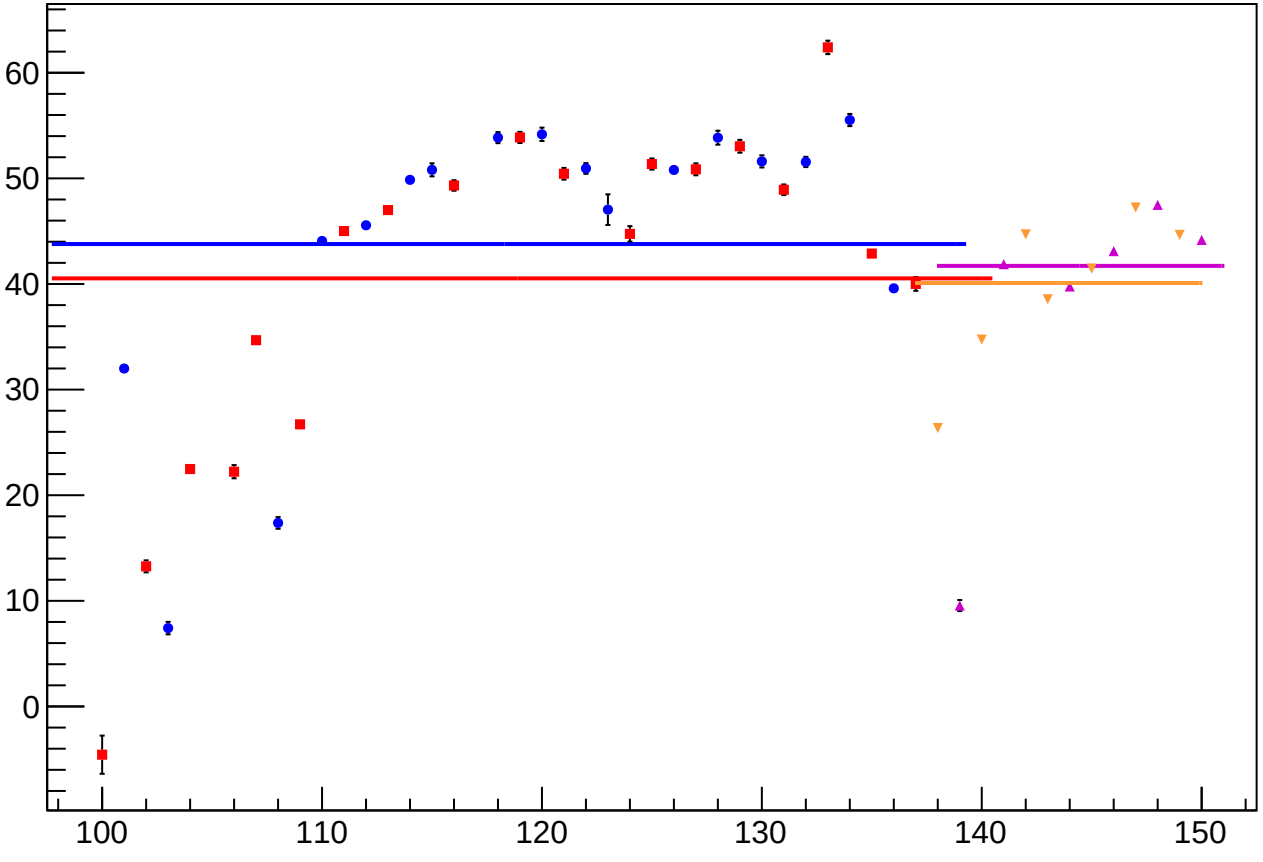
Left In: -38.036+/-0.119 χ^2/NDF:1135.1/5

+ sign -40.832+/-0.083 χ^2/NDF: 25875.8/23

All: -42.255+/-0.057 χ^2/NDF: 43265.0/48

- sign -43.572+/-0.080 χ^2/NDF: 16818.7/24

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.093+/-0.092 χ^2/NDF:4177.1/6

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

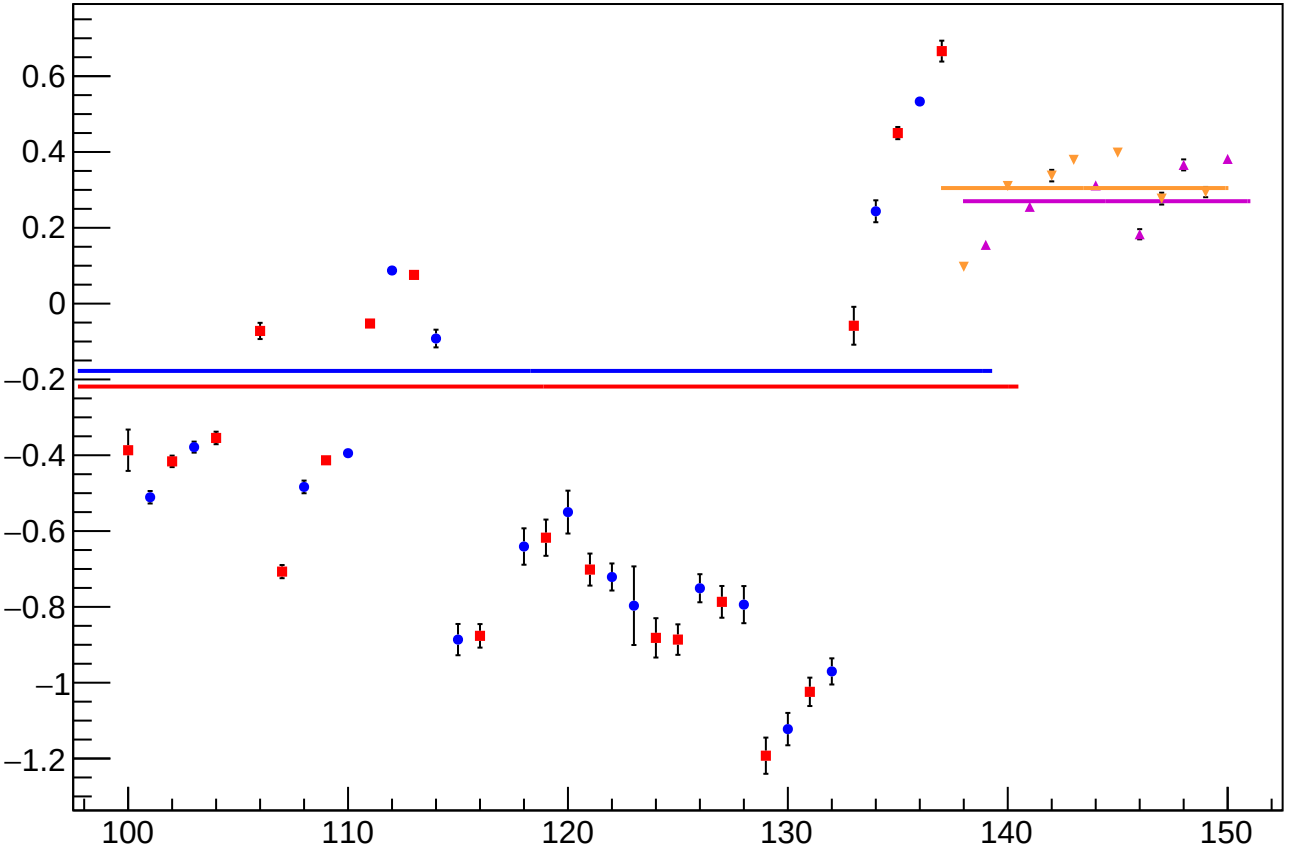
Left In: 41.714+/-0.099 χ^2/NDF:4542.4/5

+ sign 42.053+/-0.063 χ^2/NDF: 15666.0/23

All: 41.519+/-0.044 χ^2/NDF: 38016.4/48

- sign 40.997+/-0.062 χ^2/NDF: 22208.8/24

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.305+/-0.005 χ^2/NDF:433.6/6

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

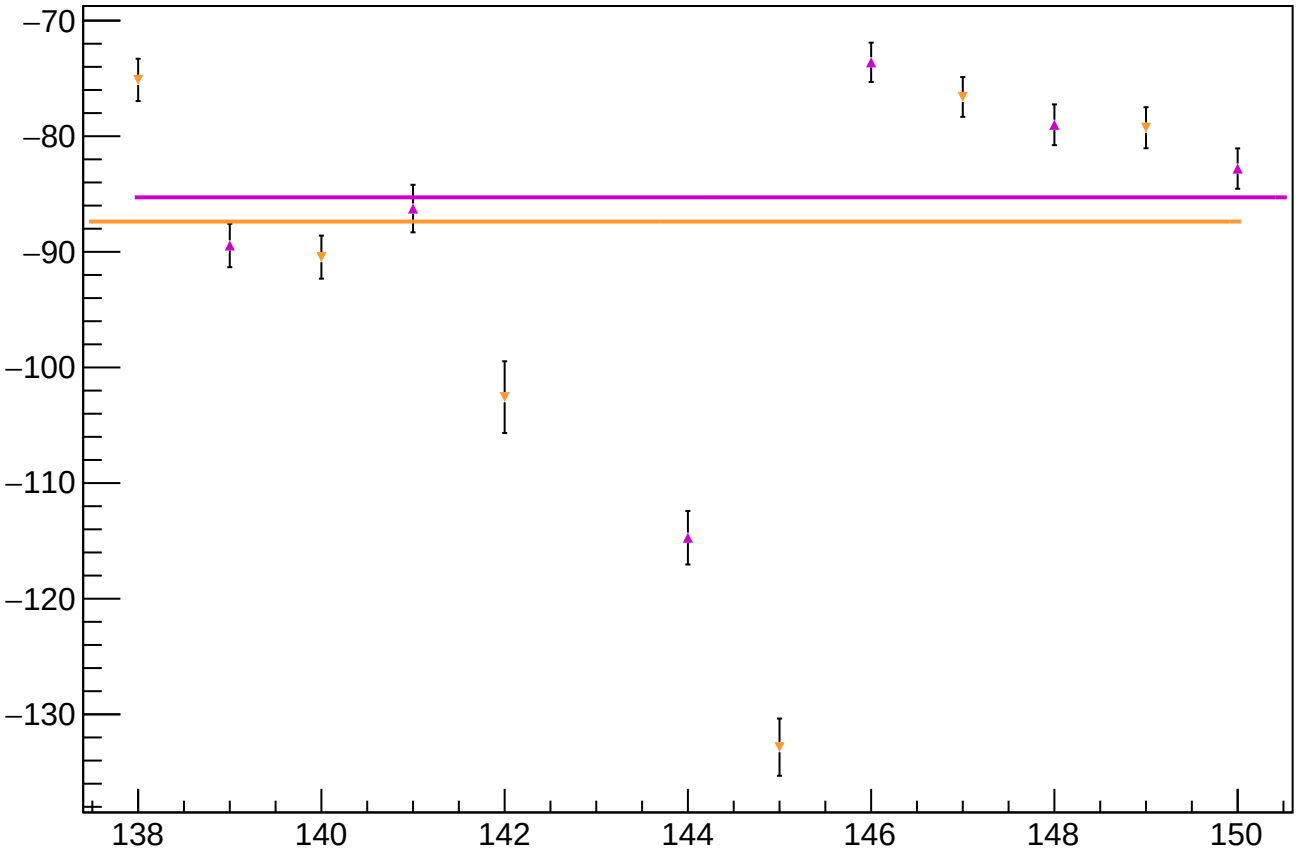
Left In: 0.270+/-0.005 χ^2/NDF:280.7/5

+ sign 0.076+/-0.003 χ^2/NDF: 13032.6/23

All: 0.033+/-0.002 χ^2/NDF: 26685.1/48

- sign -0.008+/-0.003 χ^2/NDF: 13331.3/24

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -87.379+/-0.814 χ^2/NDF:468.9/5

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

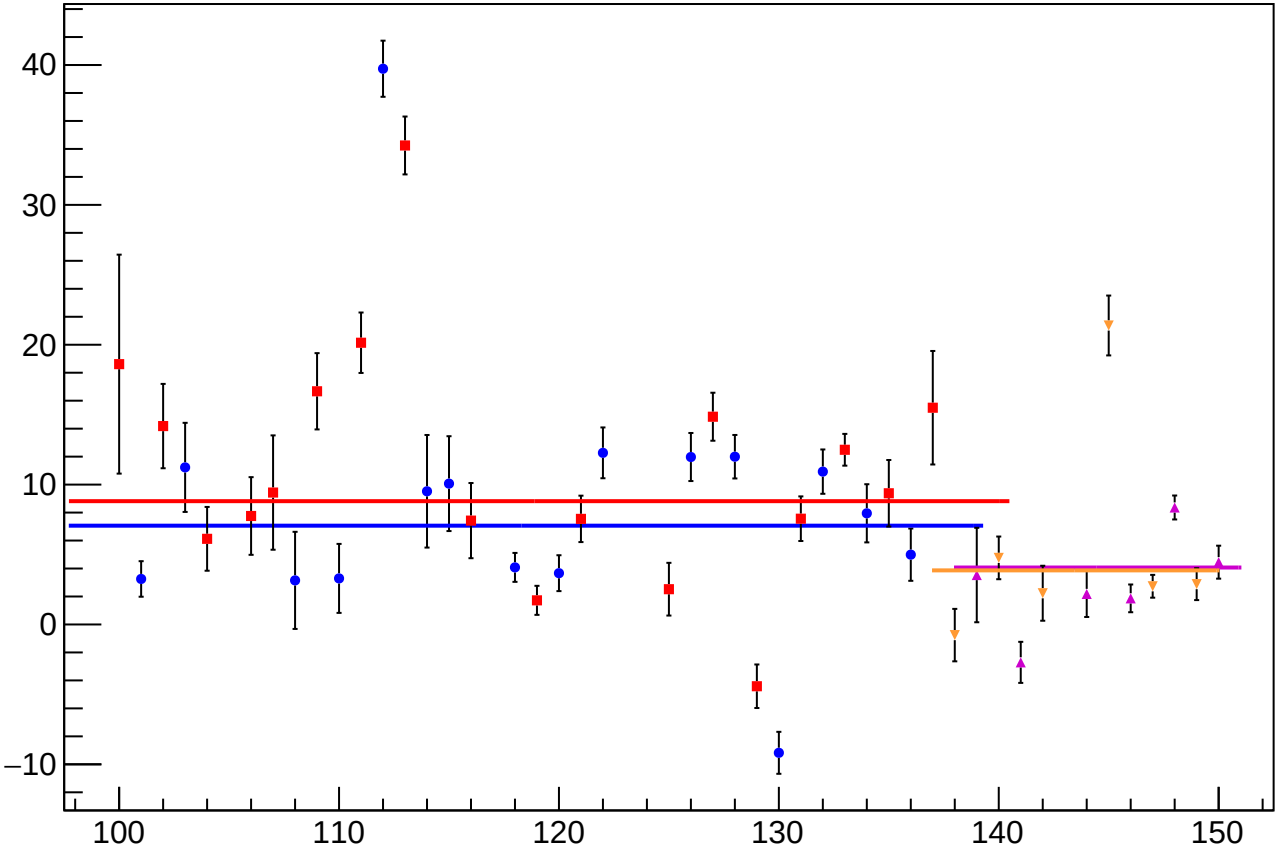
Left In: -85.288+/-0.767 χ^2/NDF:228.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -86.271+/-0.558 χ^2/NDF: 700.8/11

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 3.867+/-0.537 χ^2/NDF:76.8/5

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

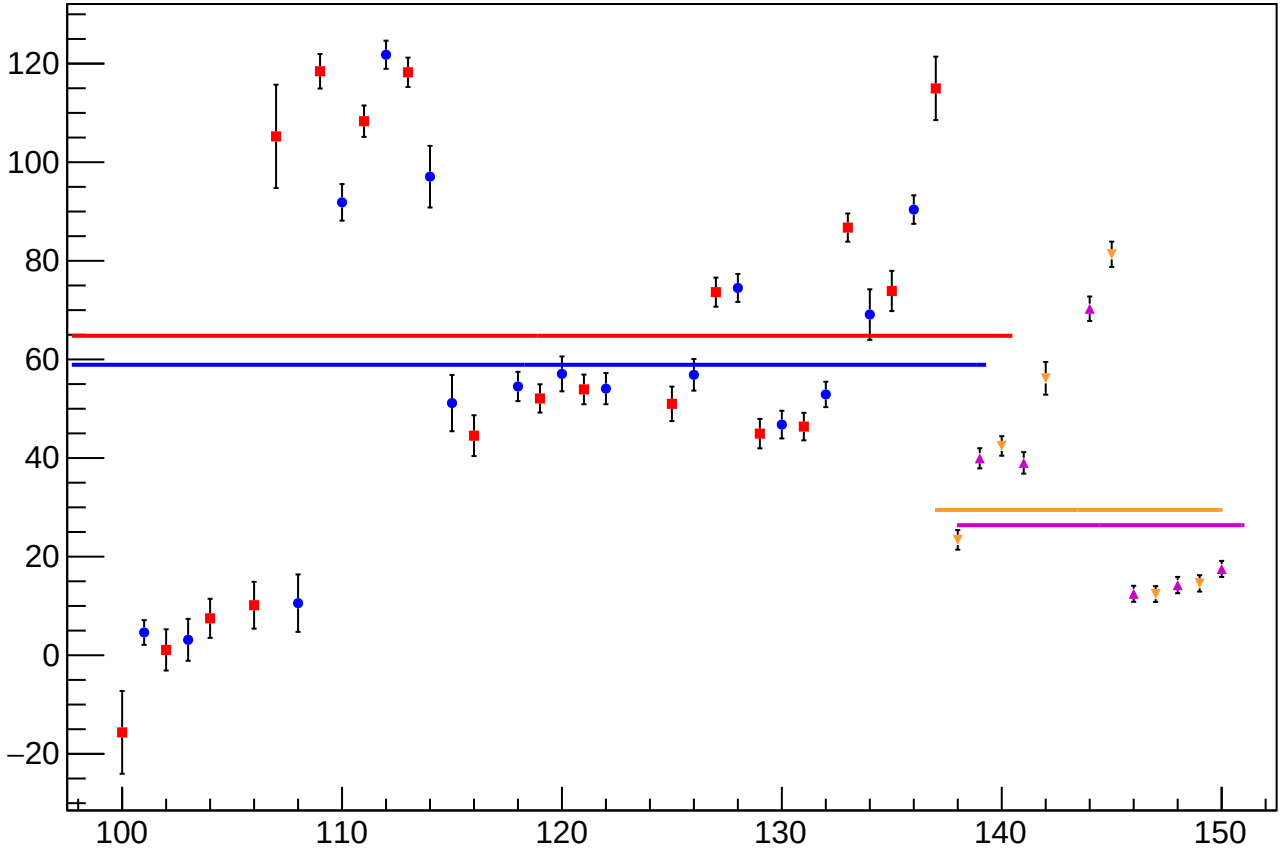
Left In: 4.072+/-0.499 χ^2/NDF:52.9/5

+ sign 5.803+/-0.337 χ^2/NDF: 545.1/21

All: 6.252+/-0.237 χ^2/NDF: 1001.8/45

- sign 6.692+/-0.334 χ^2/NDF: 453.2/23

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 29.476+/-0.816 χ^2/NDF:717.5/5

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

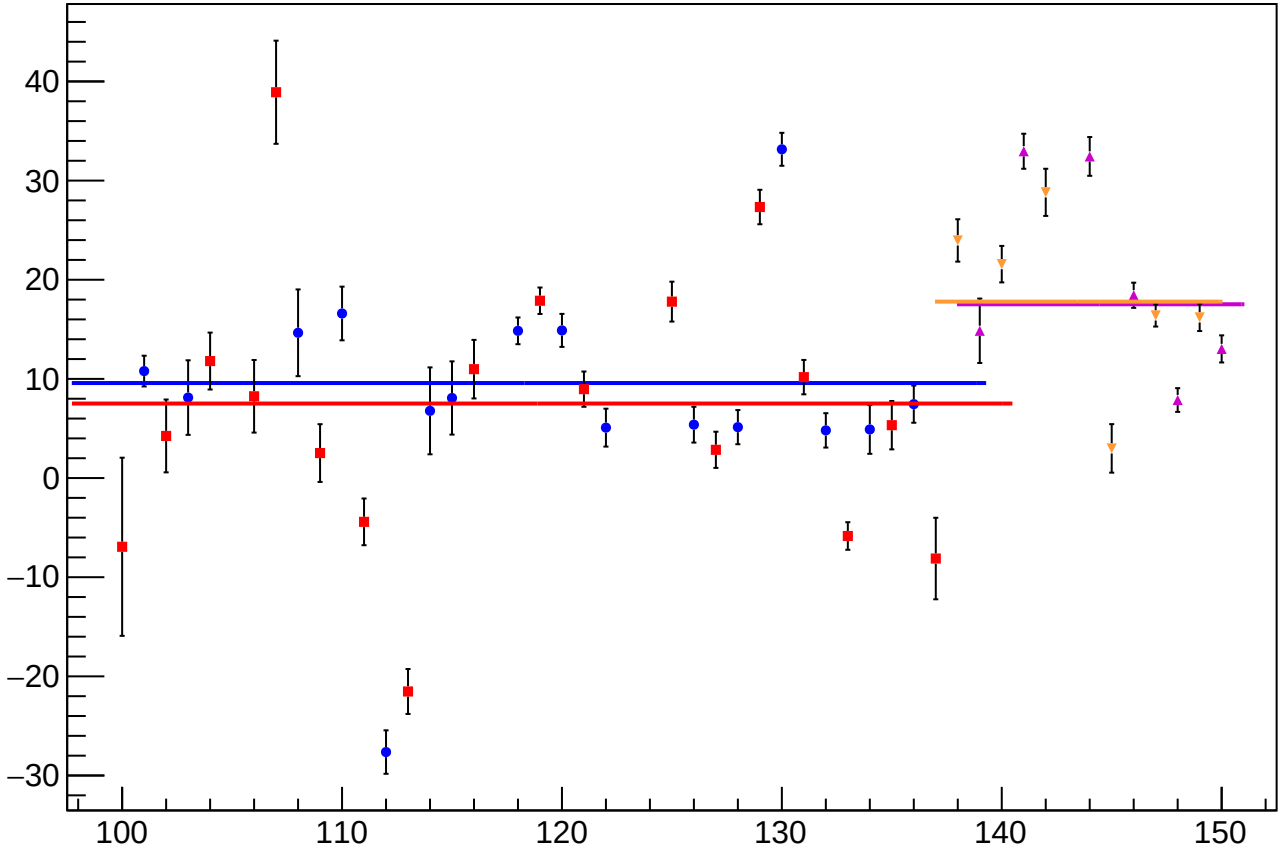
Left In: 26.383+/-0.760 χ^2/NDF:548.5/5

+ sign 43.921+/-0.582 χ^2/NDF: 2852.6/21

All: 43.788+/-0.405 χ^2/NDF: 6269.8/45

- sign 43.663+/-0.564 χ^2/NDF: 3417.0/23

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 17.794+/-0.677 χ^2/NDF:73.5/5

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

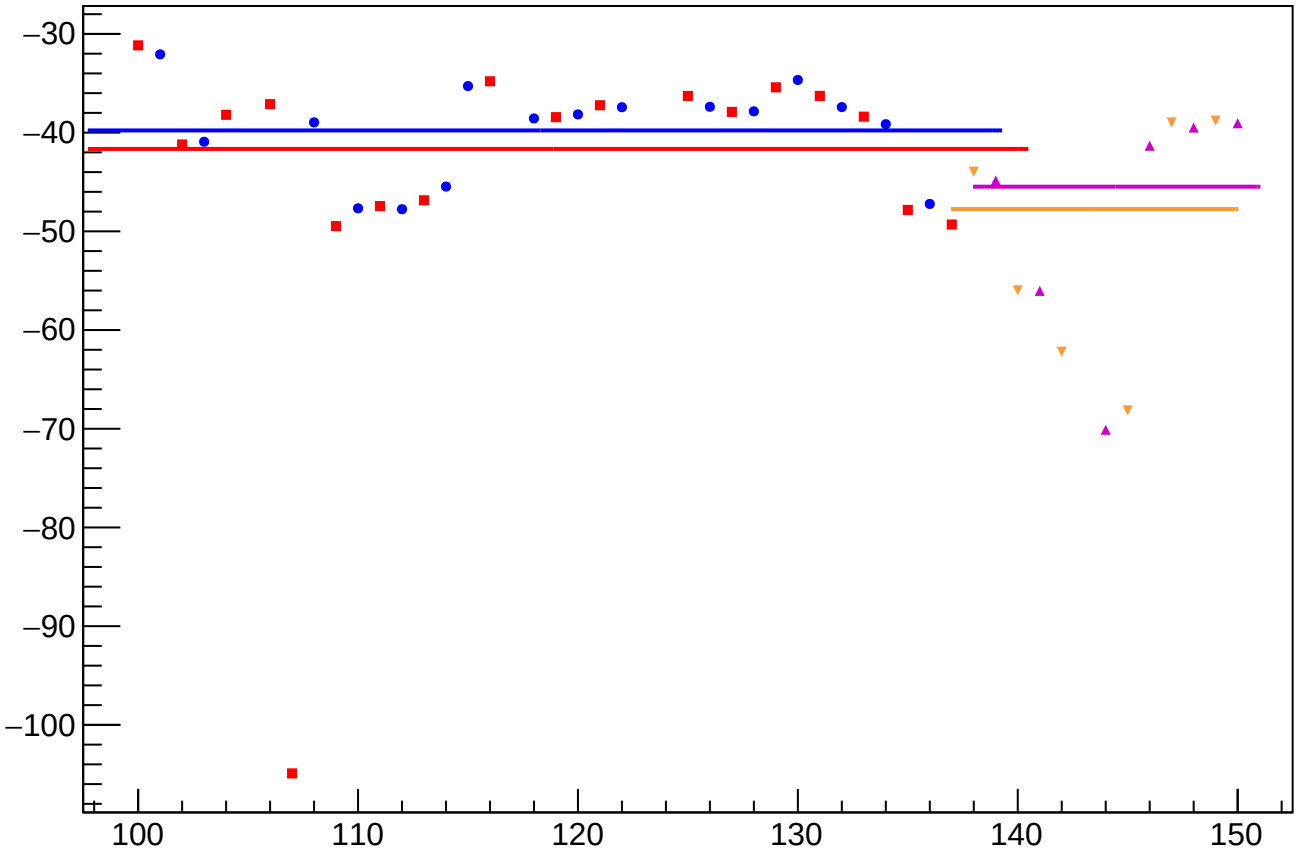
Left In: 17.527+/-0.629 χ^2/NDF:211.7/5

+ sign 12.487+/-0.403 χ^2/NDF: 722.9/21

All: 12.010+/-0.283 χ^2/NDF: 1658.8/45

- sign 11.543+/-0.399 χ^2/NDF: 933.1/23

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -47.743+/-0.035 χ^2/NDF:92281.7/5

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

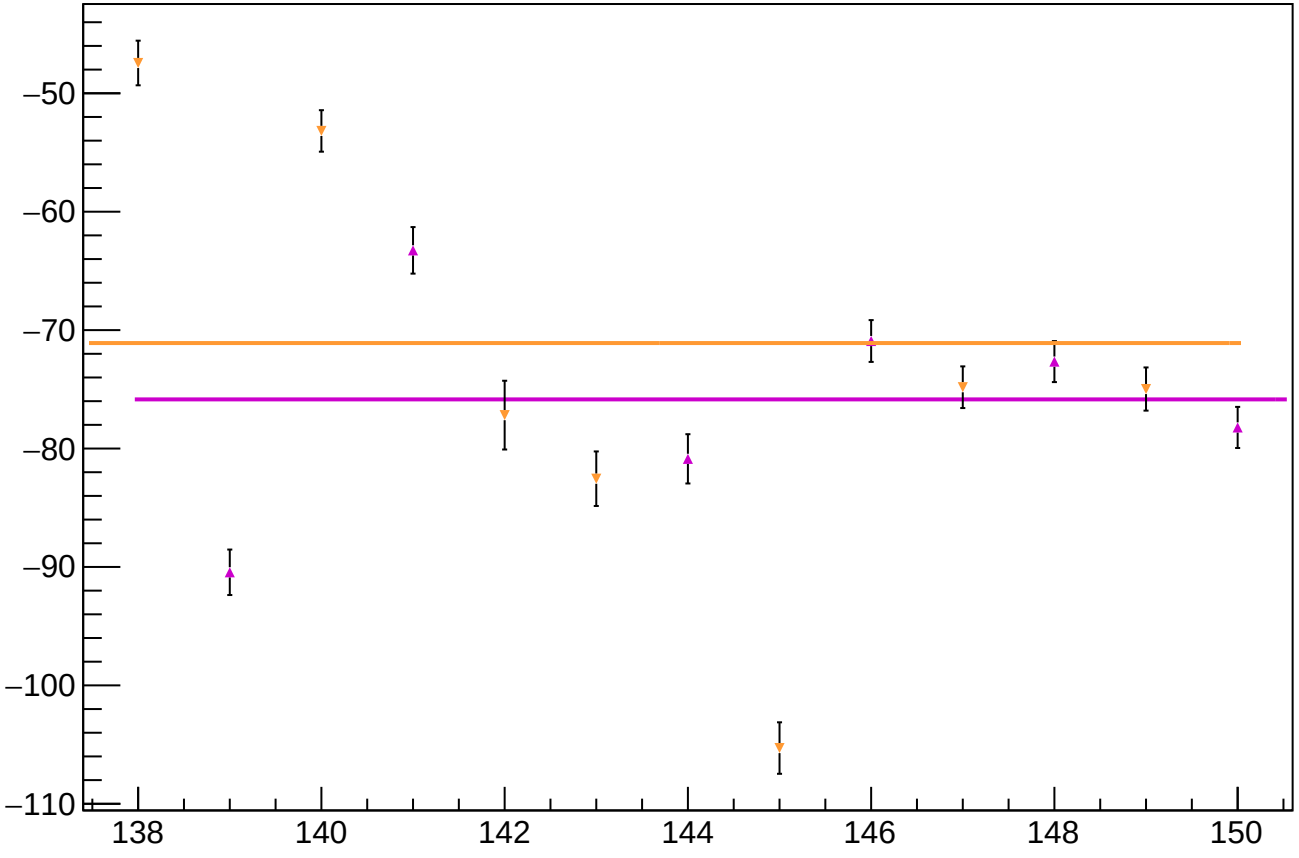
Left In: -45.476+/-0.032 χ^2/NDF:84646.5/5

+ sign -43.291+/-0.023 χ^2/NDF: 147445.6/21

All: -43.419+/-0.016 χ^2/NDF: 334020.7/45

- sign -43.536+/-0.022 χ^2/NDF: 186516.8/23

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -71.092+/-0.756 χ^2/NDF:547.6/6

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

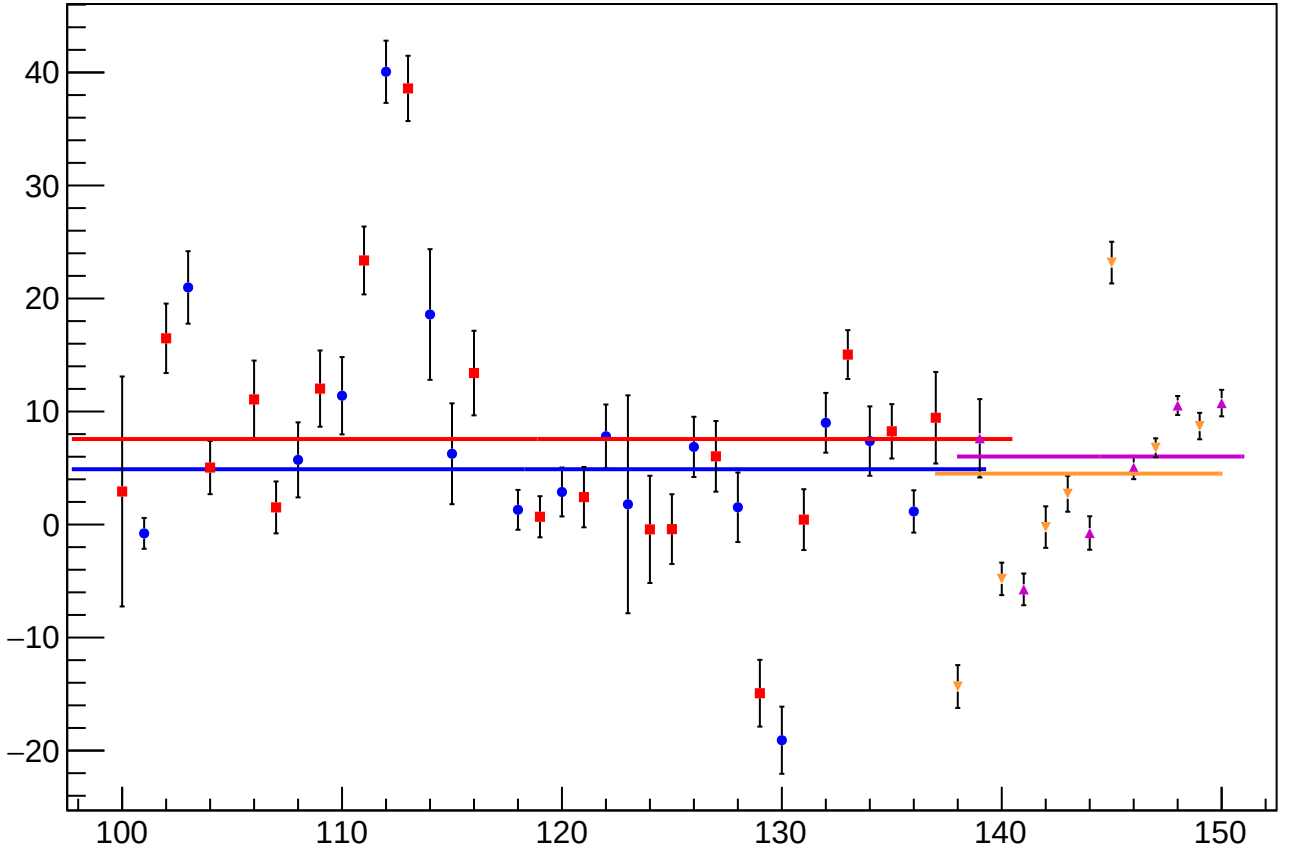
Left In: -75.850+/-0.756 χ^2/NDF:117.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -73.470+/-0.535 χ^2/NDF: 685.1/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 4.504+/-0.505 χ^2/NDF:271.5/6

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

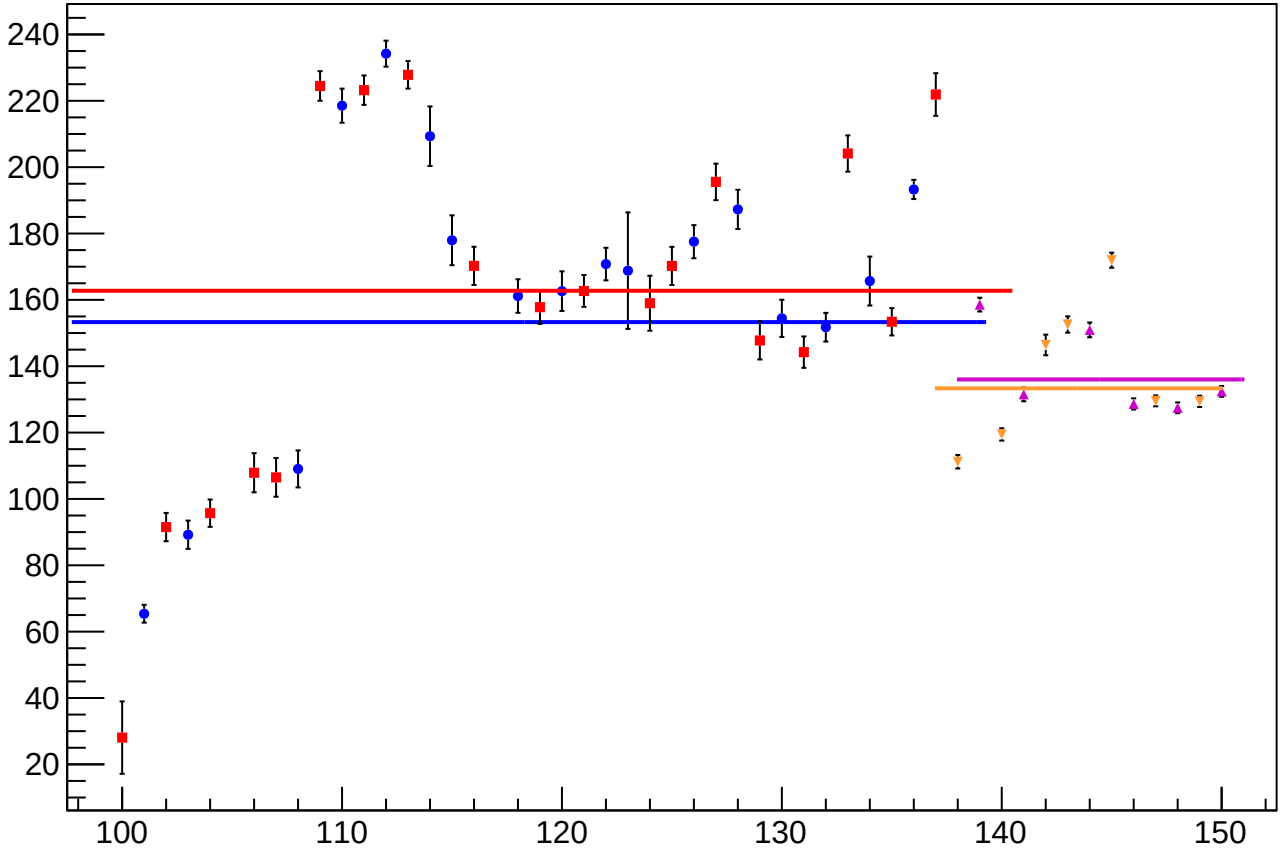
Left In: 6.019+/-0.491 χ^2/NDF:137.4/5

+ sign 4.659+/-0.392 χ^2/NDF: 567.1/23

All: 5.618+/-0.277 χ^2/NDF: 990.3/48

- sign 6.579+/-0.392 χ^2/NDF: 411.2/24

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 133.332+/-0.766 χ^2/NDF:551.6/6

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

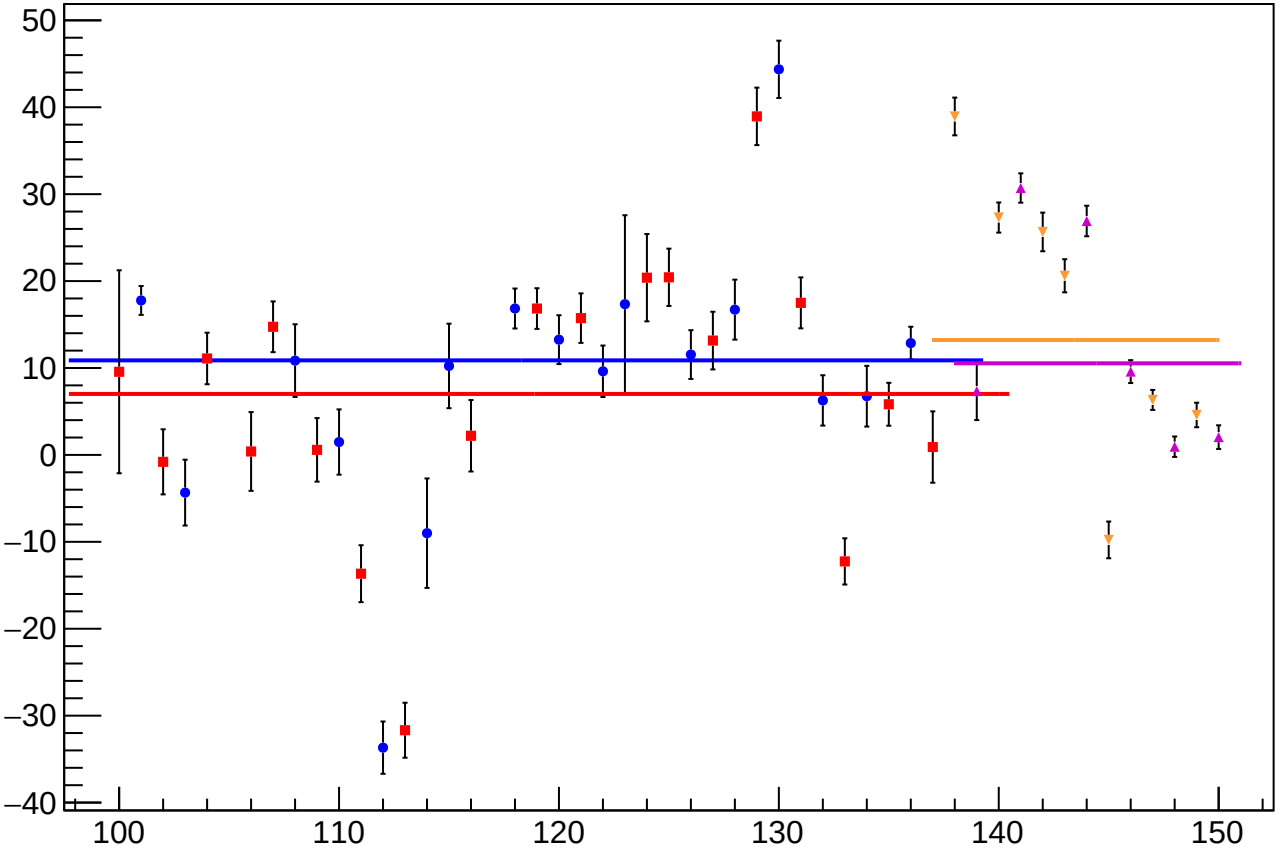
Left In: 136.010+/-0.751 χ^2/NDF:219.3/5

+ sign 139.507+/-0.637 χ^2/NDF: 3028.5/23

All: 141.640+/-0.449 χ^2/NDF: 5345.7/48

- sign 143.749+/-0.633 χ^2/NDF: 2294.9/24

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 13.223+/-0.632 χ^2/NDF:444.5/6

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

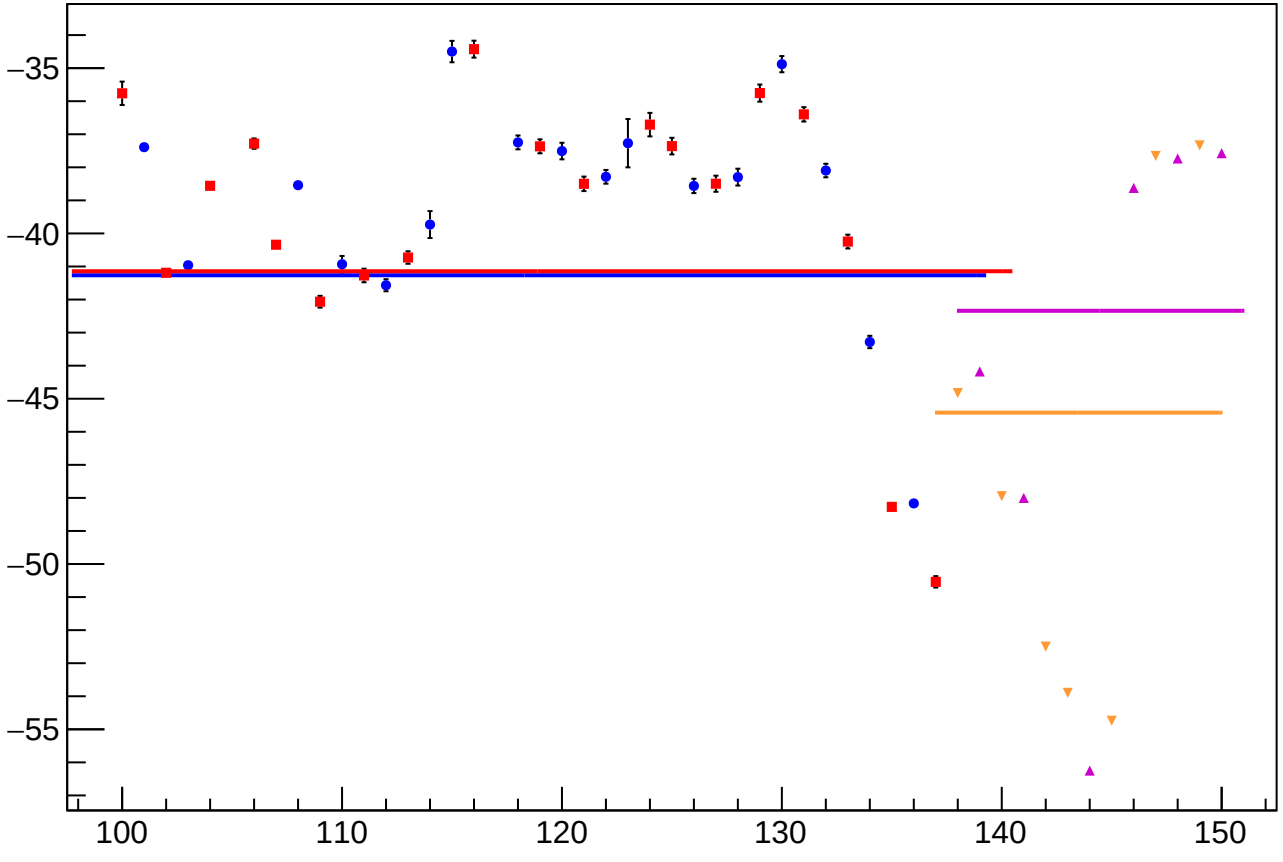
Left In: 10.541+/-0.619 χ^2/NDF:336.9/5

+ sign 12.192+/-0.473 χ^2/NDF: 838.6/23

All: 10.662+/-0.336 χ^2/NDF: 1634.3/48

- sign 9.107+/-0.477 χ^2/NDF: 774.6/24

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -45.420+/-0.033 χ^2/NDF:44405.5/6

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

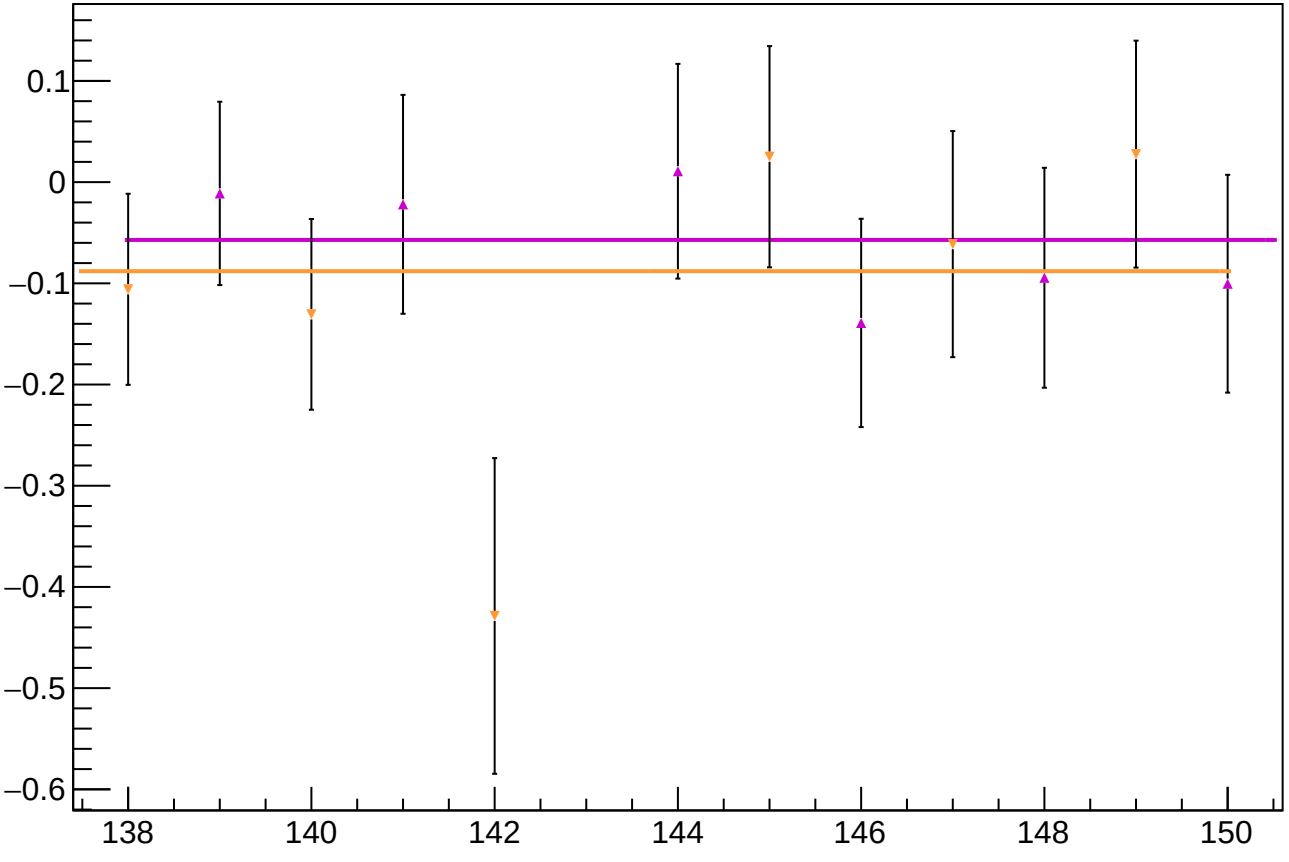
Left In: -42.340+/-0.031 χ^2/NDF:37127.7/5

+ sign -43.689+/-0.025 χ^2/NDF: 63772.0/23

All: -42.758+/-0.017 χ^2/NDF: 116447.8/48

- sign -41.866+/-0.024 χ^2/NDF: 49925.5/24

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.088+/-0.044 χ^2/NDF:7.2/5

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

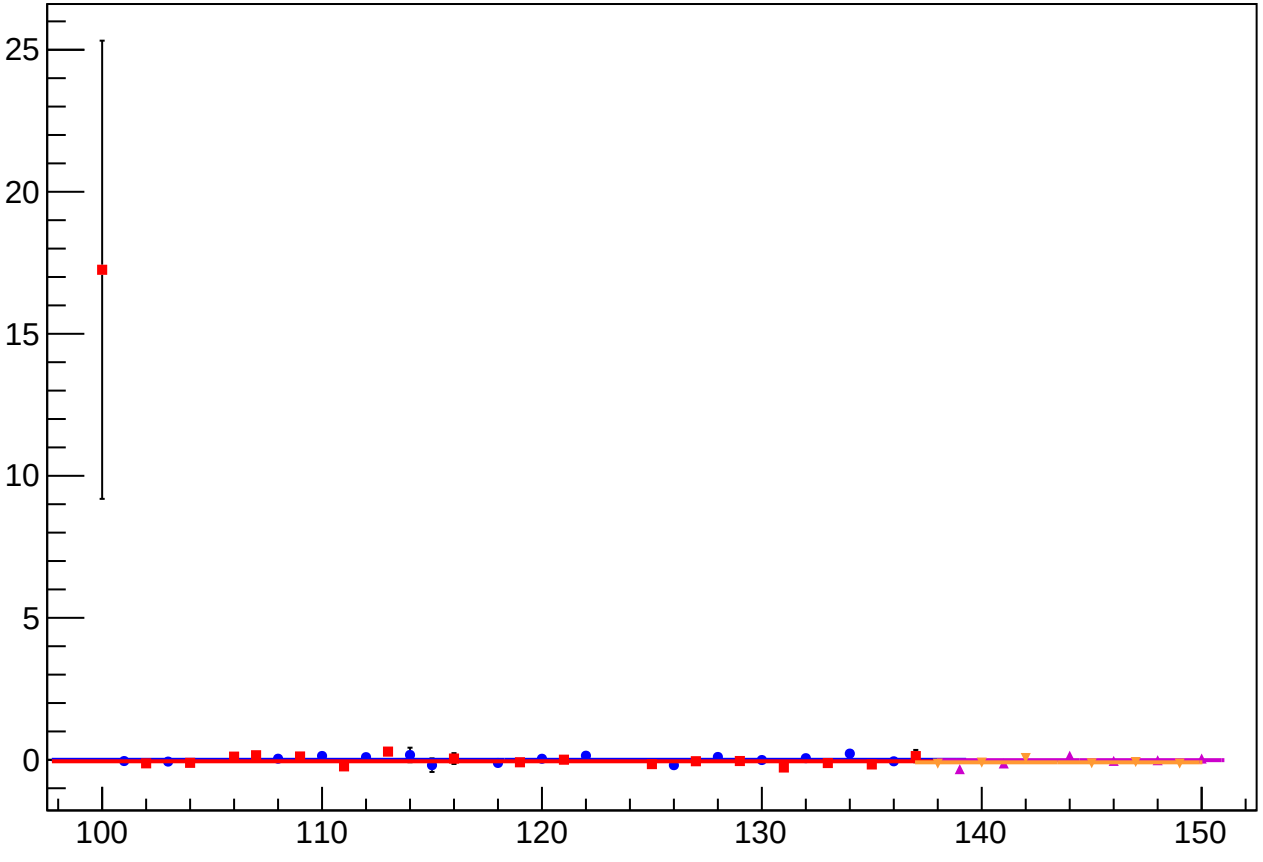
Left In: -0.057+/-0.042 χ^2/NDF:1.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.072+/-0.031 χ^2/NDF: 9.1/11

- 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: -0.087+/-0.031 χ^2/NDF:3.1/5

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

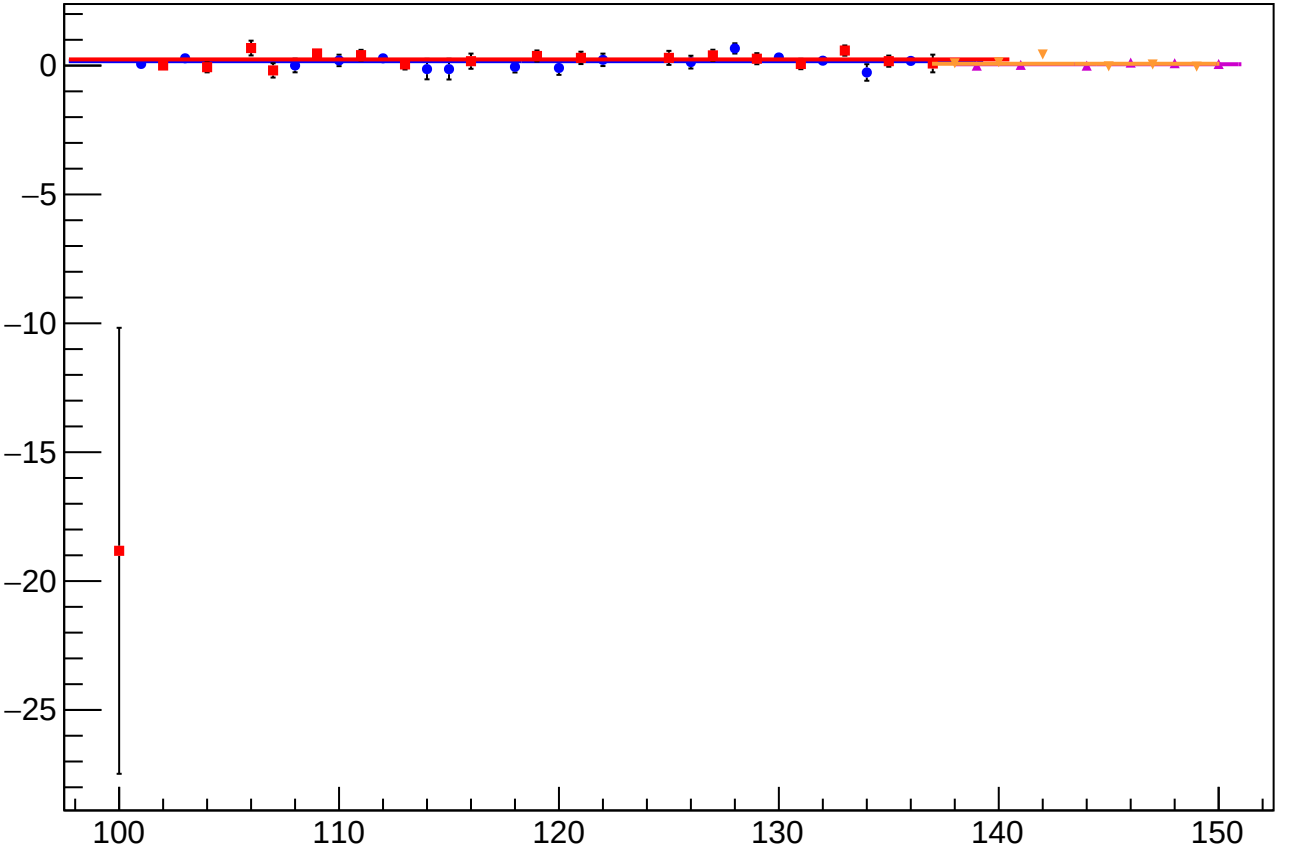
Left In: -0.011+/-0.029 χ^2/NDF:10.9/5

+ sign -0.038+/-0.021 χ^2/NDF: 20.1/21

All: -0.035+/-0.015 χ^2/NDF: 57.8/45

- sign -0.031+/-0.021 χ^2/NDF: 37.6/23

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.070+/-0.045 χ^2/NDF:7.0/5

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

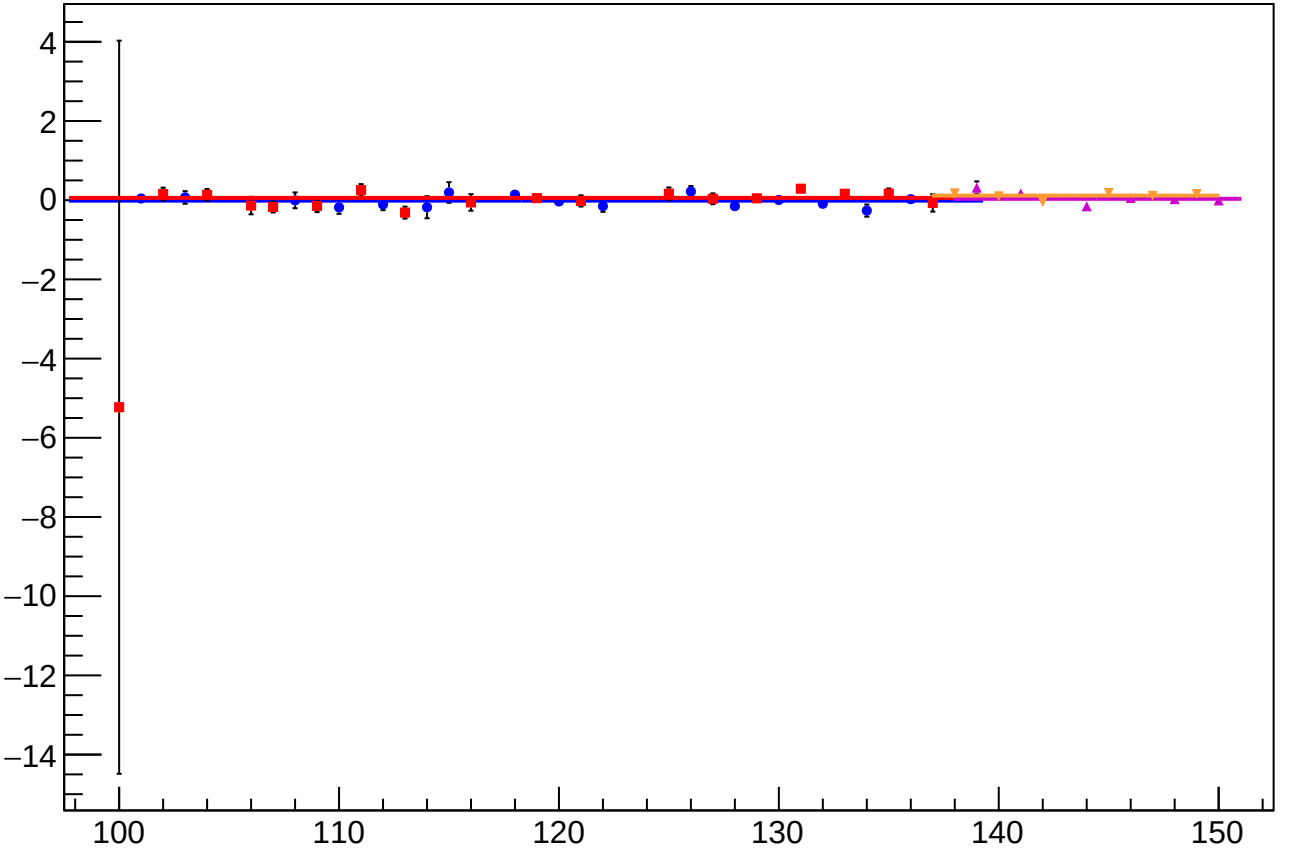
Left In: 0.052+/-0.042 χ^2/NDF:1.2/5

+ sign 0.113+/-0.034 χ^2/NDF: 22.8/21

All: 0.118+/-0.024 χ^2/NDF: 53.2/45

- sign 0.123+/-0.033 χ^2/NDF: 30.4/23

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.116+/-0.039 χ^2/NDF:2.7/5

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

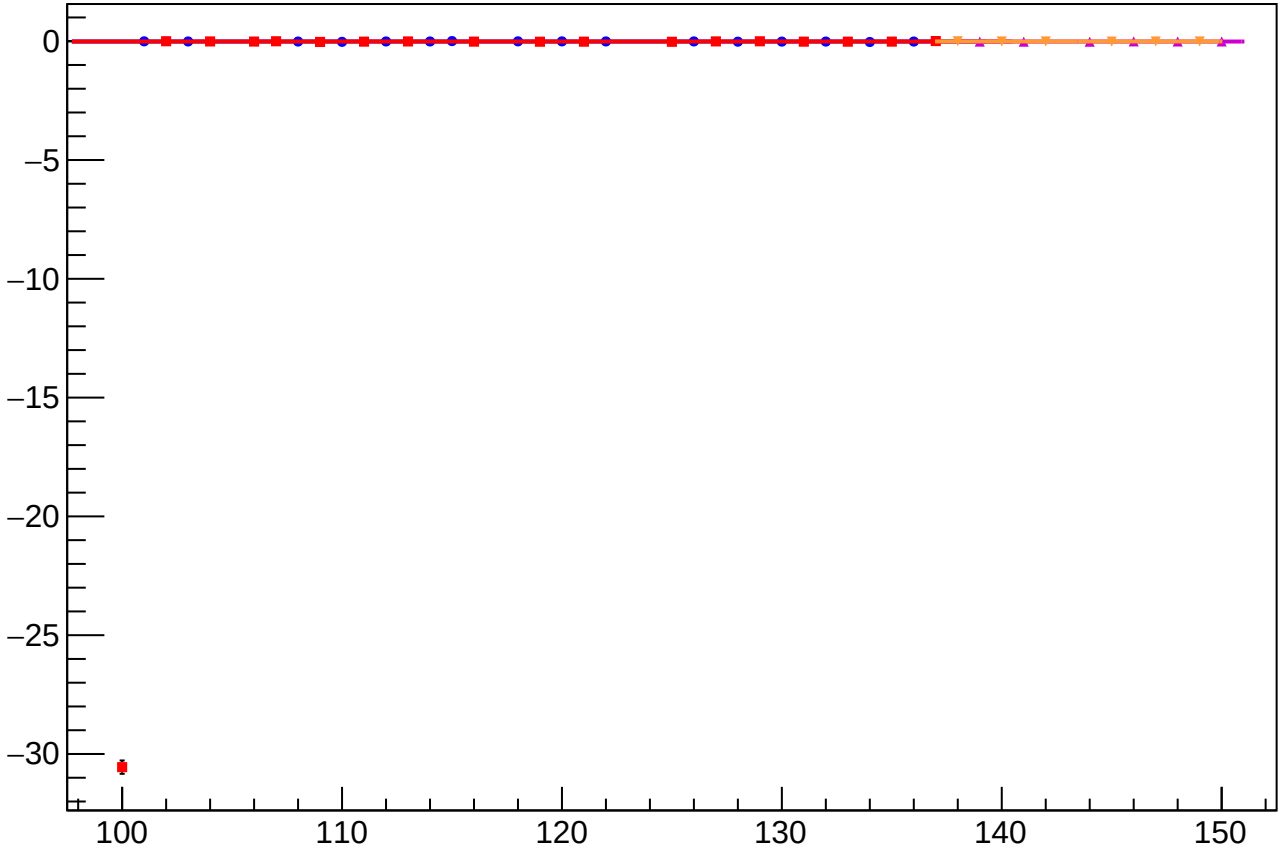
Left In: 0.035+/-0.036 χ^2/NDF:10.0/5

+ sign 0.042+/-0.025 χ^2/NDF: 22.8/21

All: 0.045+/-0.018 χ^2/NDF: 53.7/45

- sign 0.048+/-0.025 χ^2/NDF: 30.8/23

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.010+/-0.002 χ^2/NDF:7.1/5

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

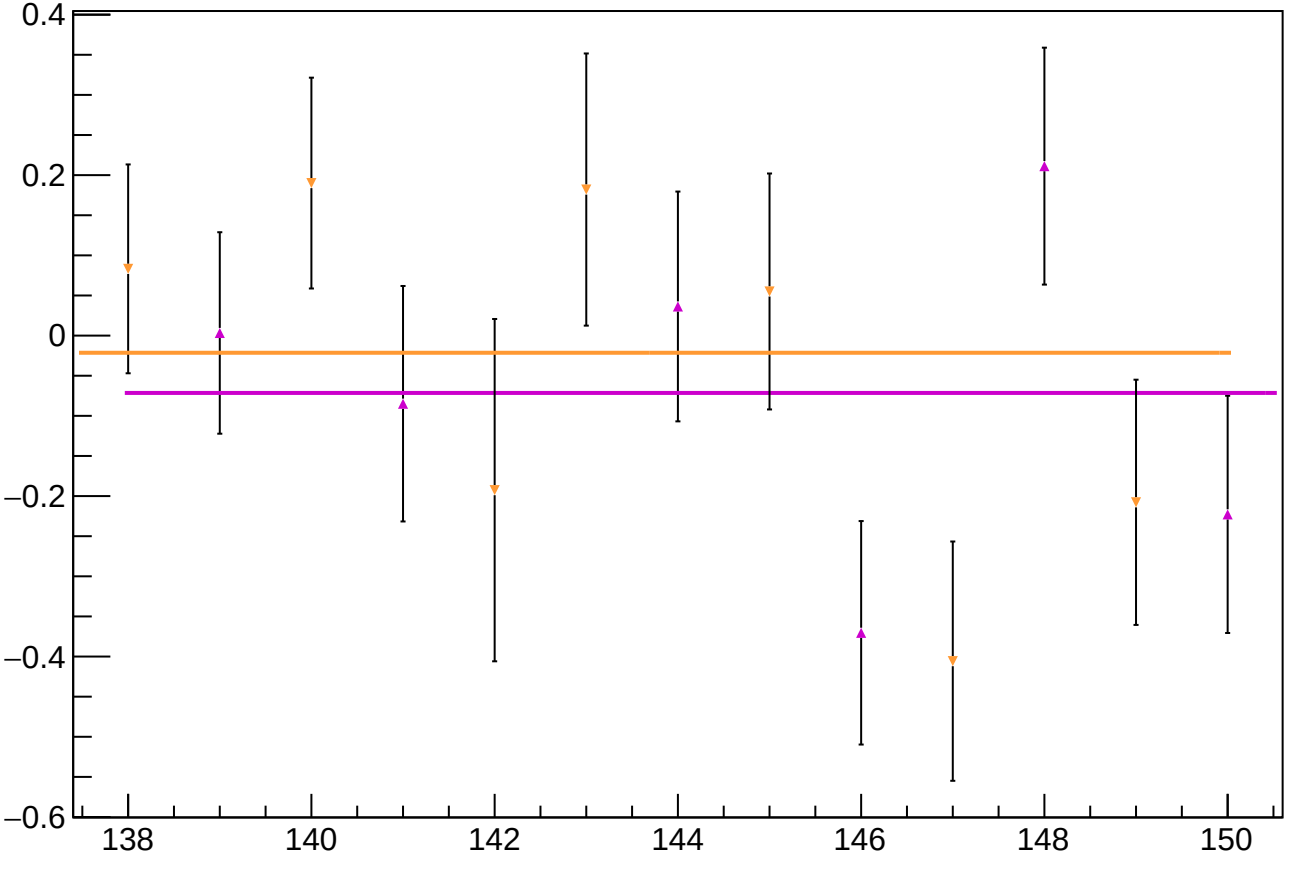
Left In: -0.013+/-0.002 χ^2/NDF:6.8/5

+ sign -0.011+/-0.001 χ^2/NDF: 20.8/21

All: -0.012+/-0.001 χ^2/NDF: 11920.4/45

- sign -0.013+/-0.001 χ^2/NDF: 11898.5/23

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.021+/-0.057 χ^2/NDF:13.7/6

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

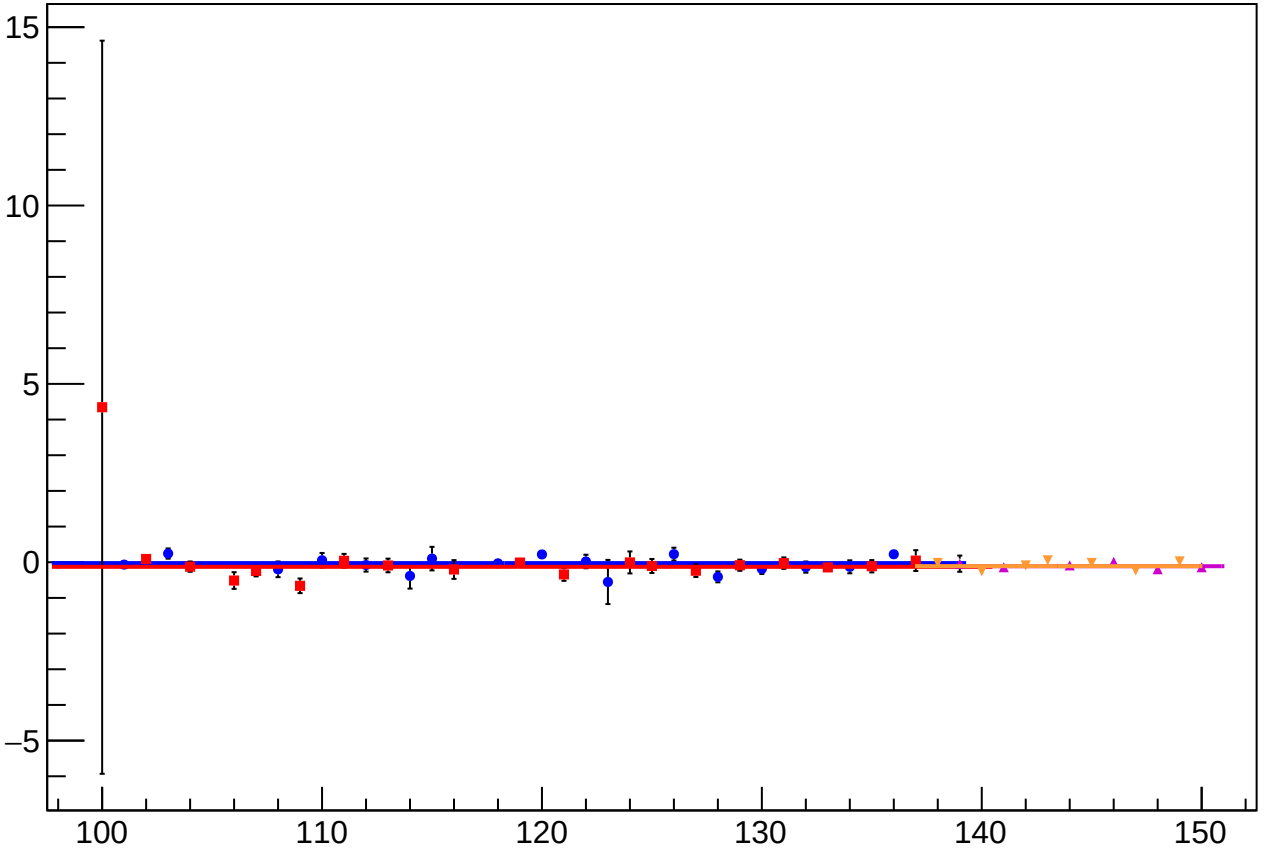
Left In: -0.071+/-0.058 χ^2/NDF:10.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.046+/-0.041 χ^2/NDF: 24.4/12

- 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: -0.109+/-0.040 χ^2/NDF:9.5/6

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

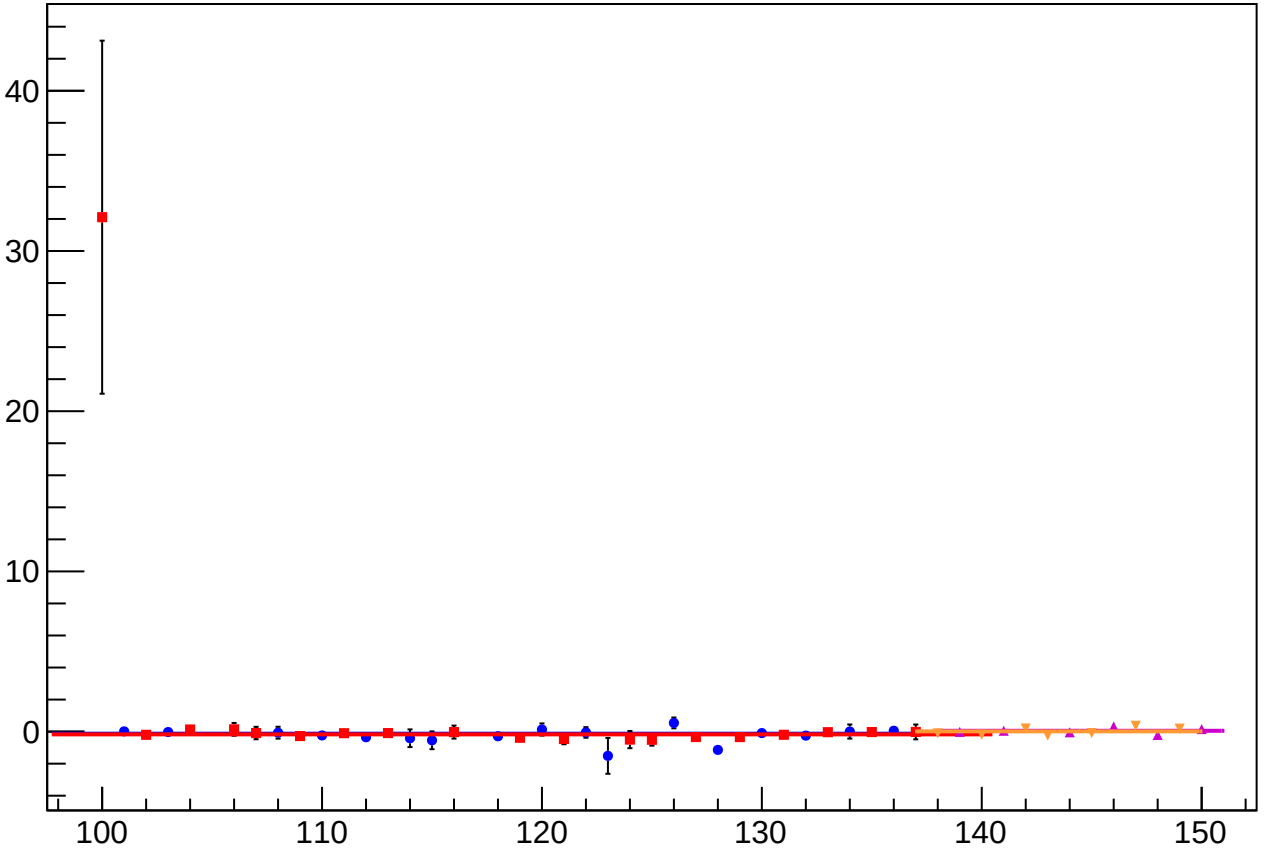
Left In: -0.111+/-0.039 χ^2/NDF:3.9/5

+ sign -0.063+/-0.027 χ^2/NDF: 35.3/23

All: -0.091+/-0.019 χ^2/NDF: 59.1/48

- sign -0.120+/-0.028 χ^2/NDF: 21.6/24

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.016+/-0.058 χ^2/NDF:13.9/6

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

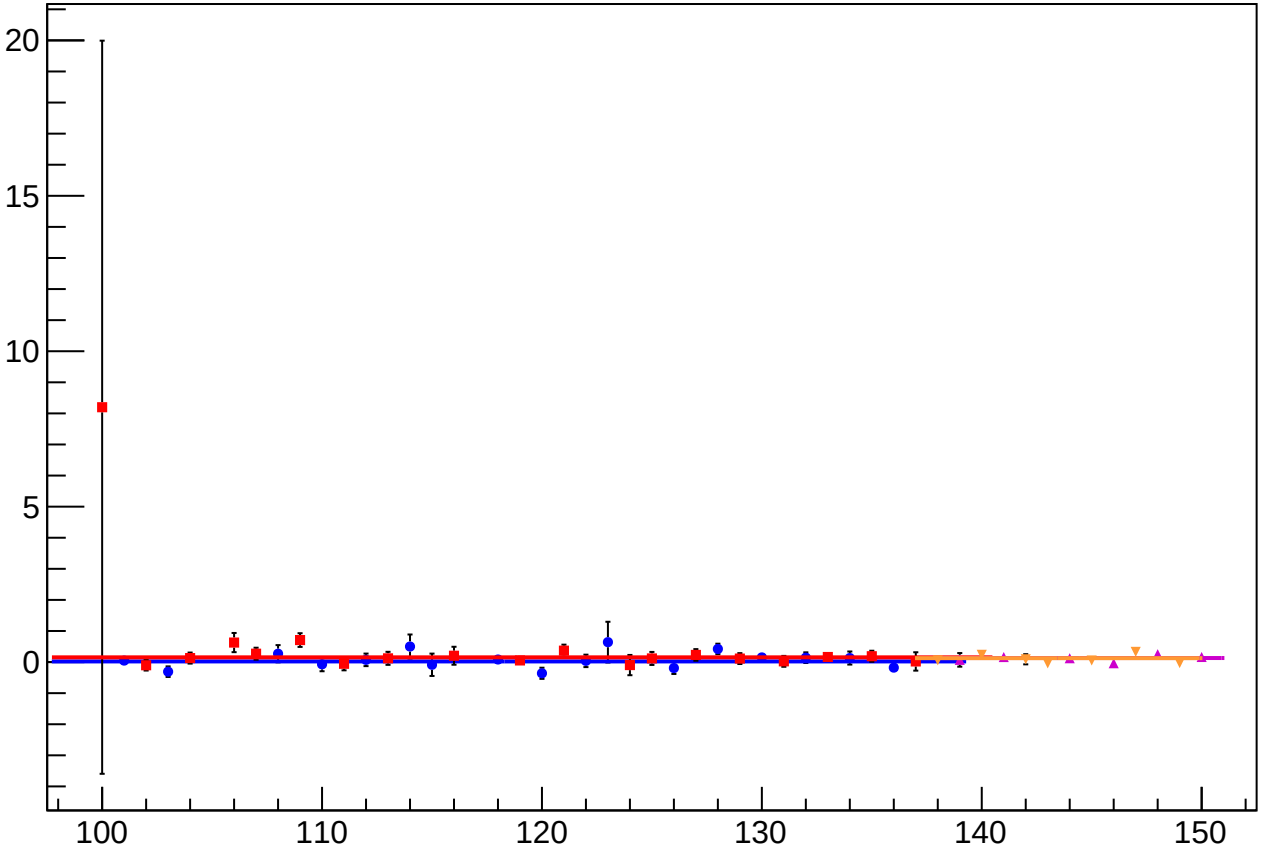
Left In: 0.051+/-0.058 χ^2/NDF:8.9/5

+ sign -0.047+/-0.044 χ^2/NDF: 40.3/23

All: -0.042+/-0.031 χ^2/NDF: 70.2/48

- sign -0.038+/-0.045 χ^2/NDF: 29.8/24

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.126+/-0.049 χ^2/NDF:8.7/6

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

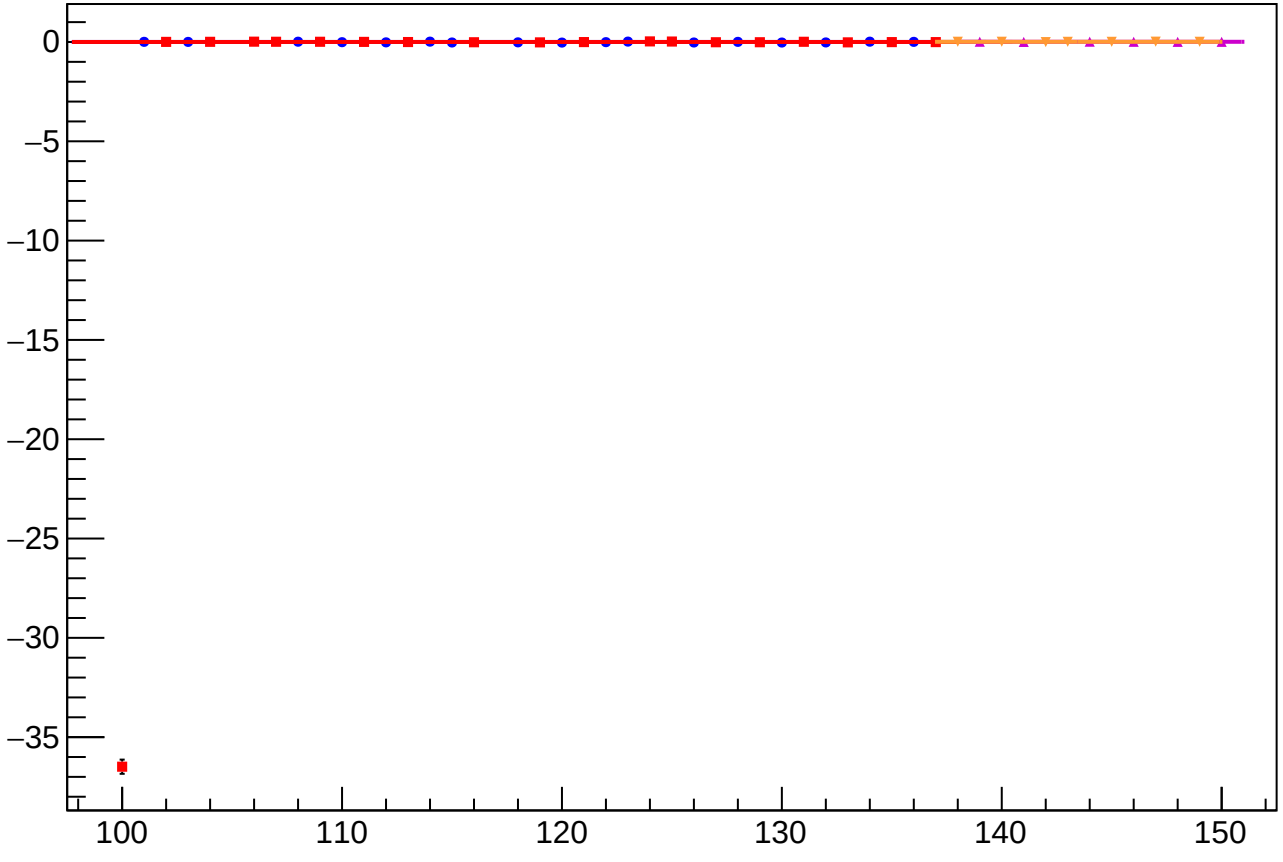
Left In: 0.130+/-0.049 χ^2/NDF:4.3/5

+ sign 0.065+/-0.032 χ^2/NDF: 33.8/23

All: 0.102+/-0.023 χ^2/NDF: 57.2/48

- sign 0.142+/-0.033 χ^2/NDF: 20.6/24

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.010+/-0.002 χ^2/NDF:4.3/6

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

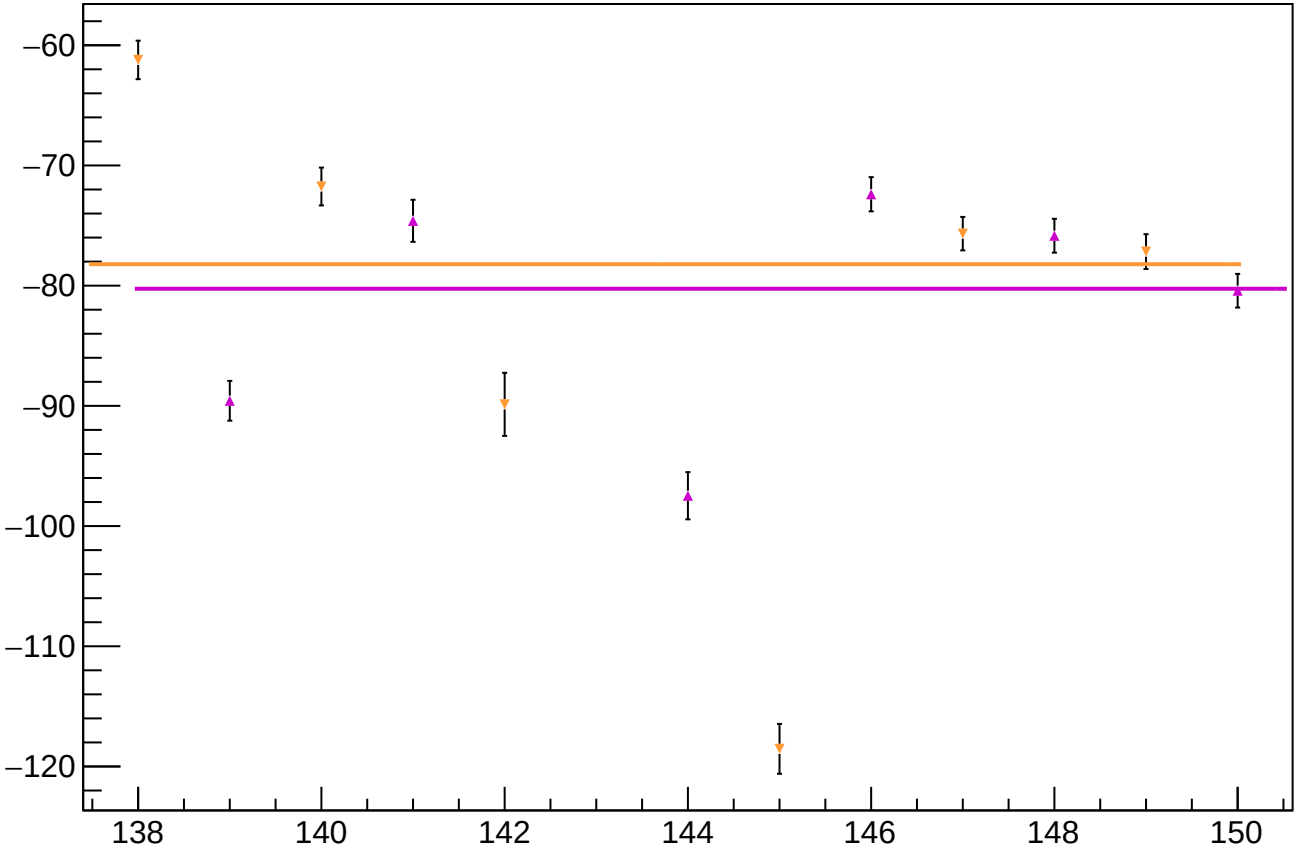
Left In: 0.010+/-0.002 χ^2/NDF:2.4/5

+ sign 0.005+/-0.002 χ^2/NDF: 43.6/23

All: 0.005+/-0.001 χ^2/NDF: 10502.5/48

- sign 0.005+/-0.002 χ^2/NDF: 10458.9/24

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -78.216+/-0.680 χ^2/NDF:530.4/5

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

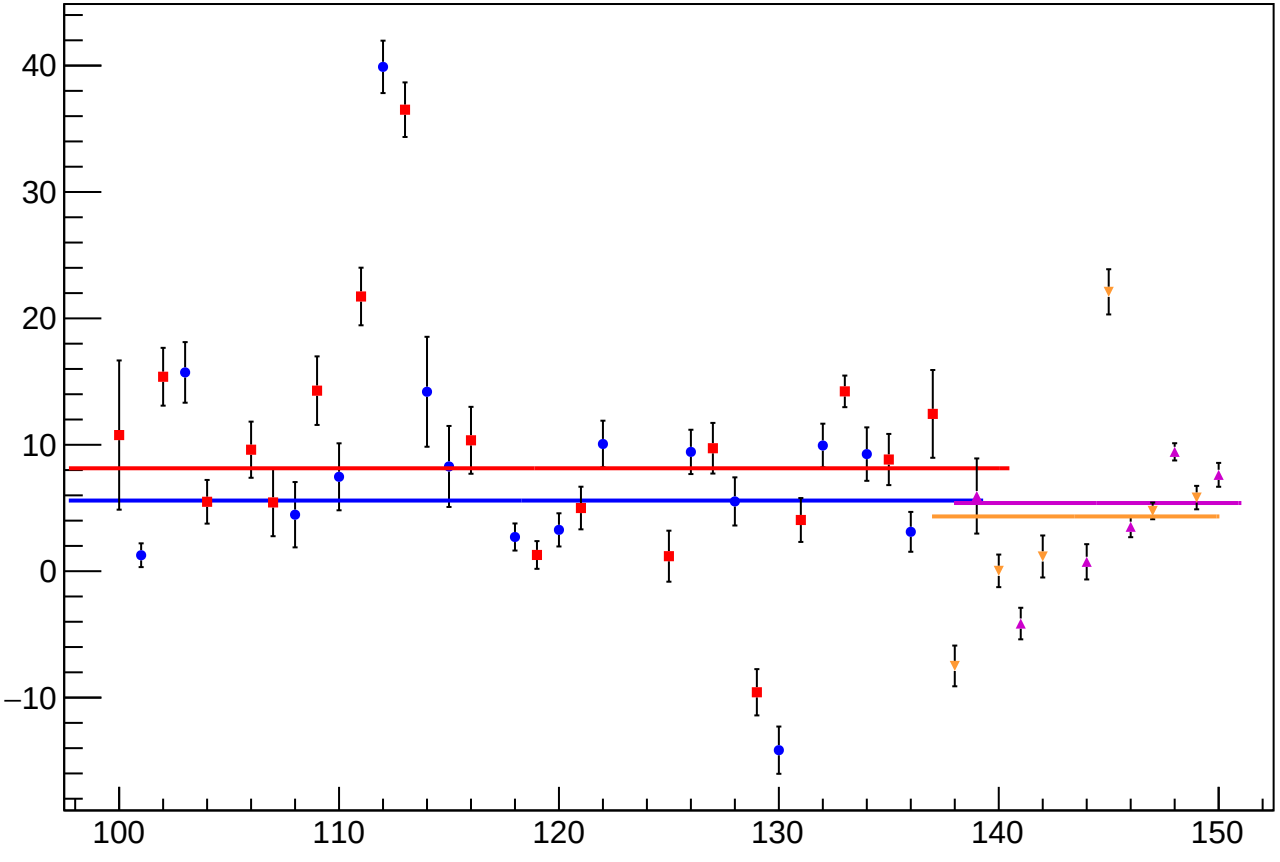
Left In: -80.256+/-0.637 χ^2/NDF:159.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -79.301+/-0.465 χ^2/NDF: 694.6/11

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 4.332+/-0.442 χ^2/NDF:170.4/5

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

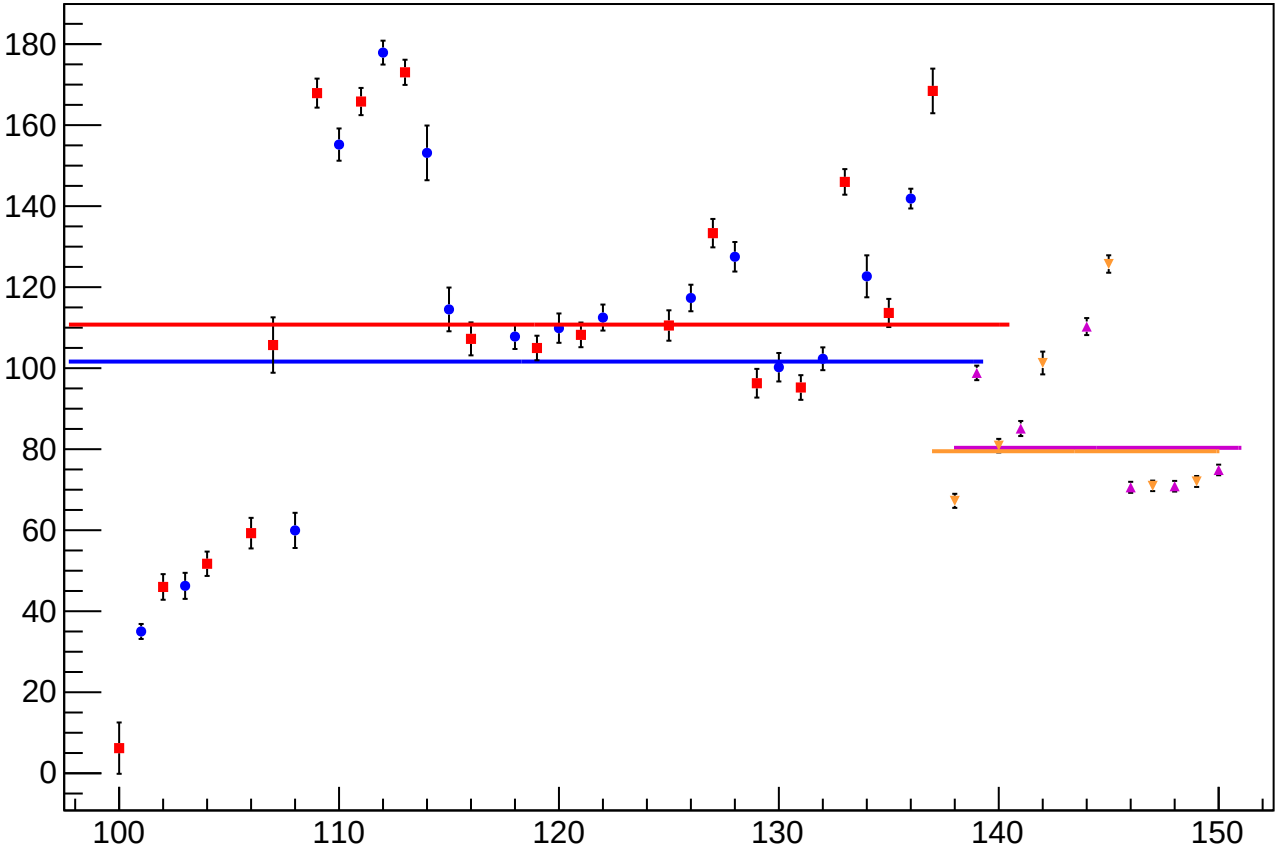
Left In: 5.394+/-0.408 χ^2/NDF:115.5/5

+ sign 4.987+/-0.306 χ^2/NDF: 637.4/21

All: 5.811+/-0.215 χ^2/NDF: 1195.3/45

- sign 6.623+/-0.303 χ^2/NDF: 543.5/23

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 79.497+/-0.679 χ^2/NDF:644.4/5

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

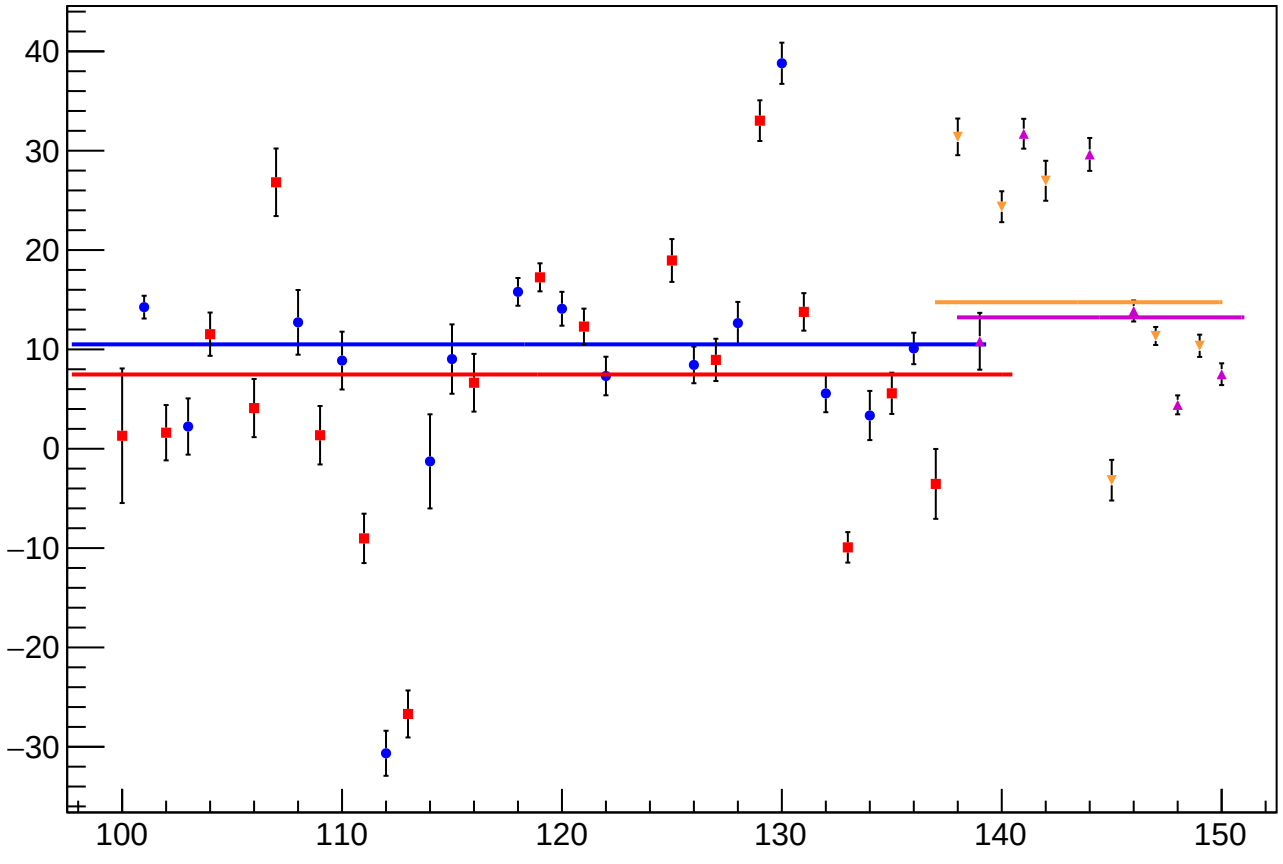
Left In: 80.337+/-0.629 χ^2/NDF:436.8/5

+ sign 88.671+/-0.520 χ^2/NDF: 4063.8/21

All: 90.045+/-0.361 χ^2/NDF: 7872.2/45

- sign 91.331+/-0.503 χ^2/NDF: 3794.8/23

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 14.748+/-0.559 χ^2/NDF:262.4/5

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

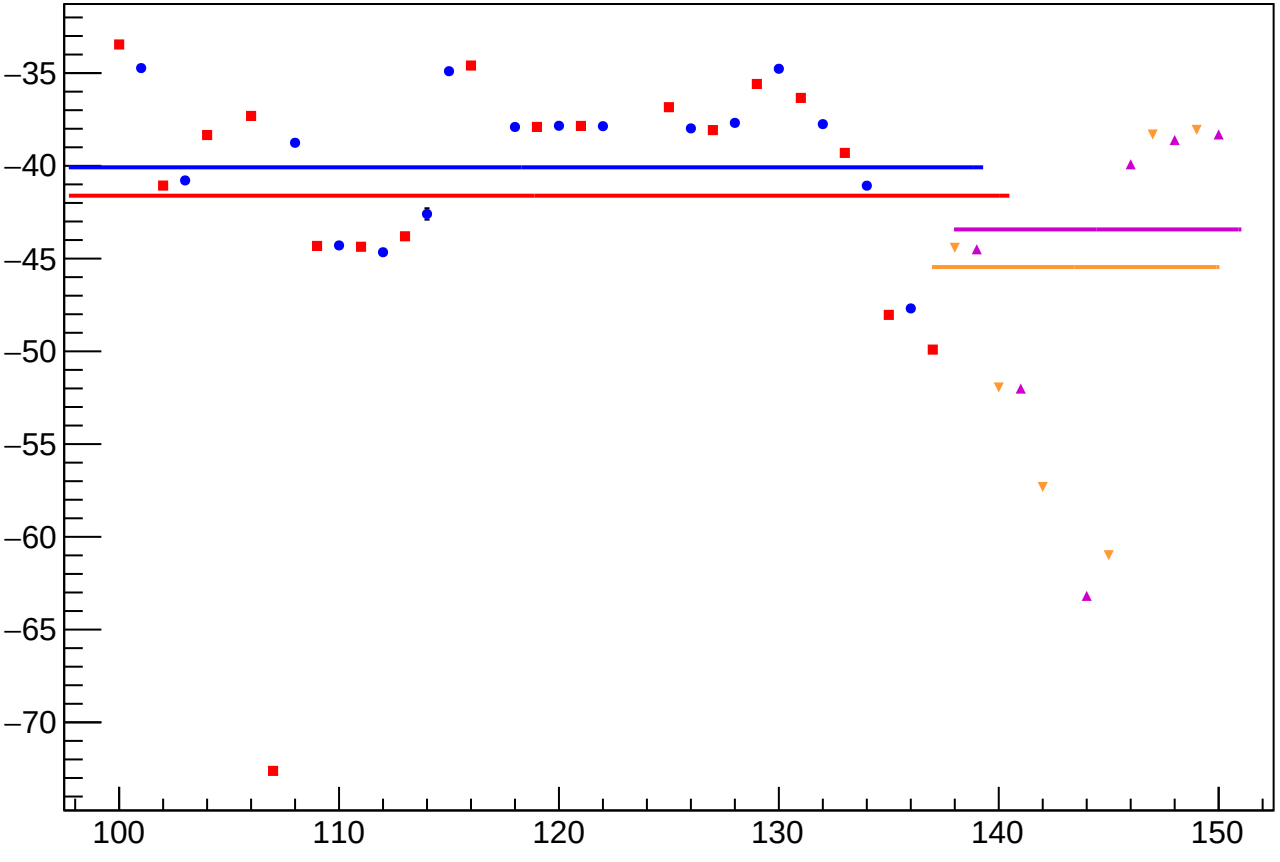
Left In: 13.224+/-0.516 χ^2/NDF:363.0/5

+ sign 12.359+/-0.369 χ^2/NDF: 876.4/21

All: 11.372+/-0.261 χ^2/NDF: 2004.0/45

- sign 10.395+/-0.368 χ^2/NDF: 1113.4/23

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -45.456+/-0.029 χ^2/NDF:81716.7/5

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

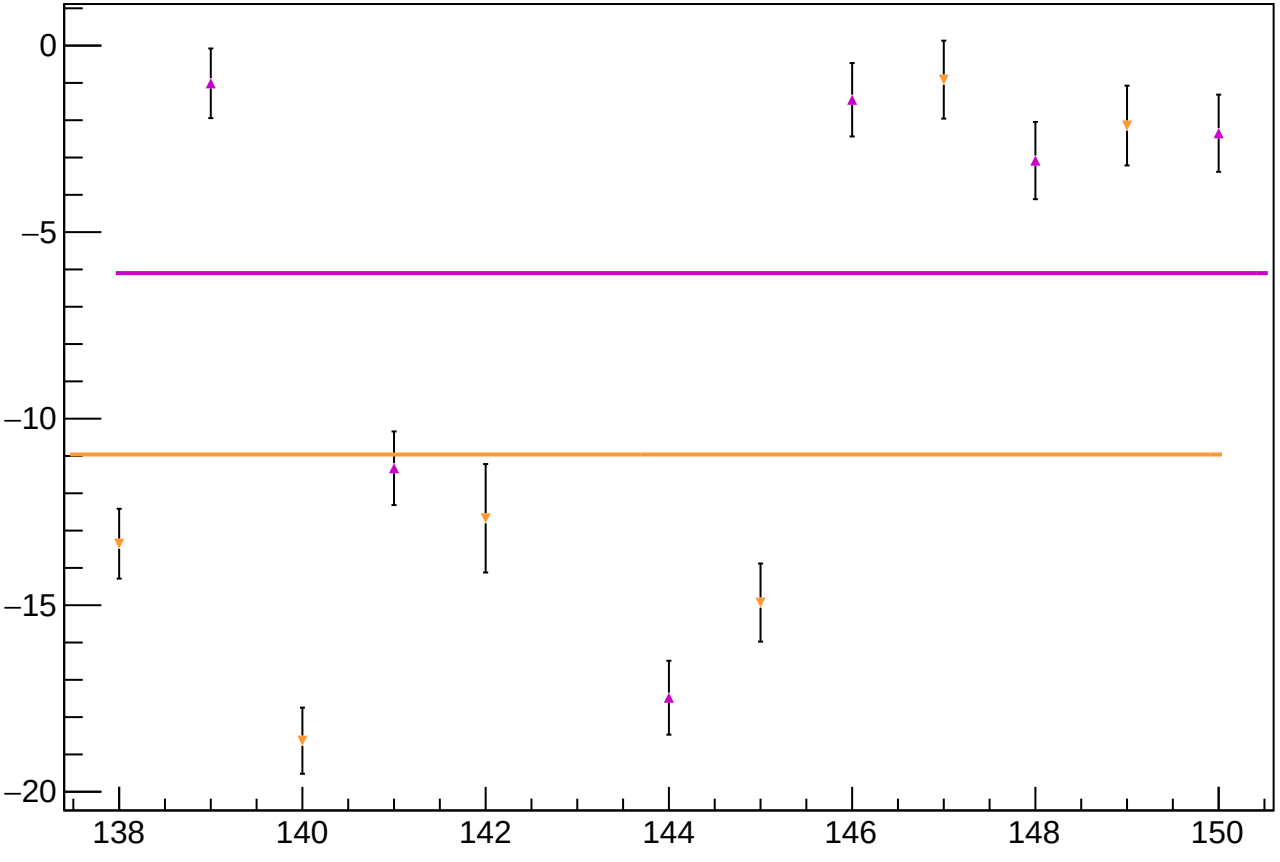
Left In: -43.428+/-0.026 χ^2/NDF:78428.5/5

+ sign -42.672+/-0.020 χ^2/NDF: 124366.0/21

All: -42.631+/-0.014 χ^2/NDF: 266781.5/45

- sign -42.595+/-0.019 χ^2/NDF: 142408.0/23

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -10.960+/-0.423 χ^2/NDF:257.7/5

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

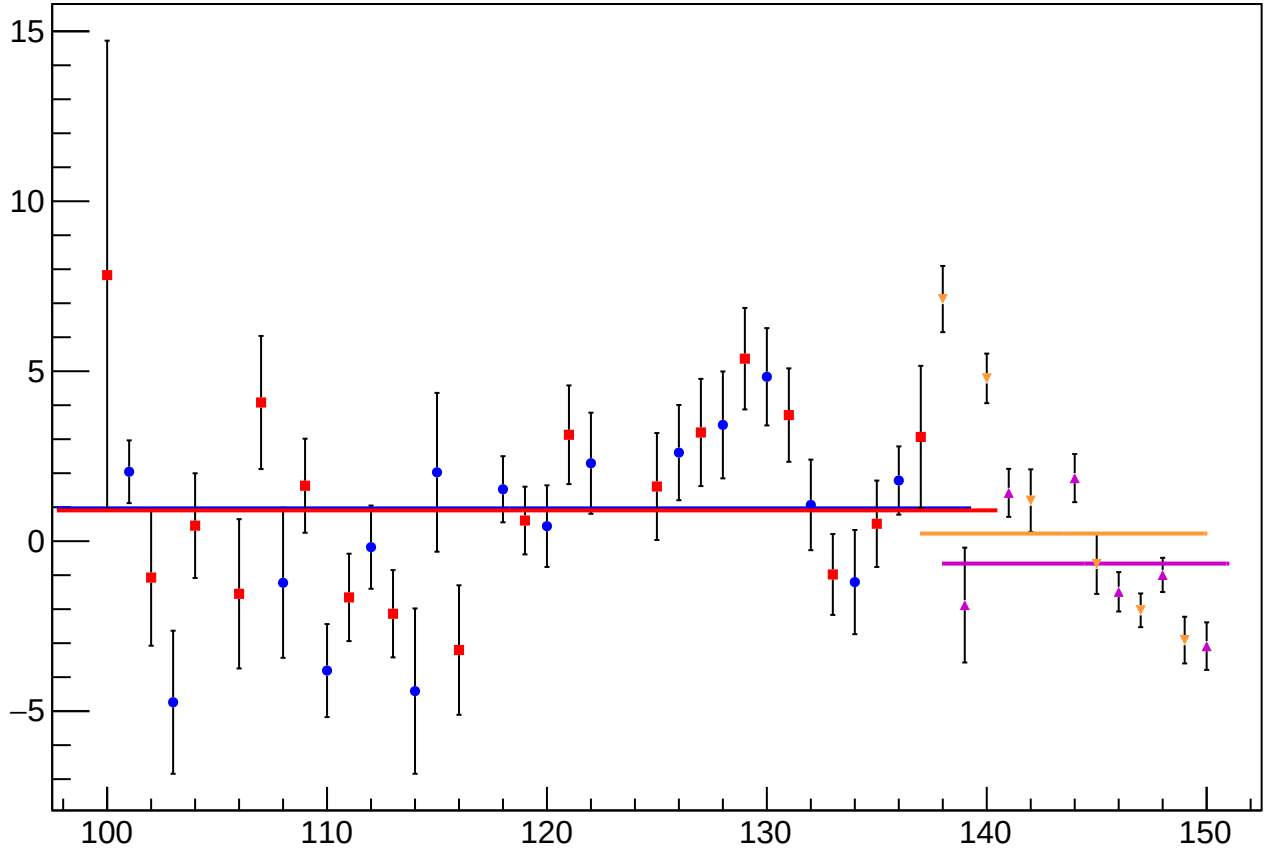
Left In: -6.098+/-0.405 χ^2/NDF:233.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.424+/-0.293 χ^2/NDF: 560.3/11

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965+/-0.338 χ^2/NDF: 42.9/15

Left Out: 0.226+/-0.294 χ^2/NDF:133.0/5

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

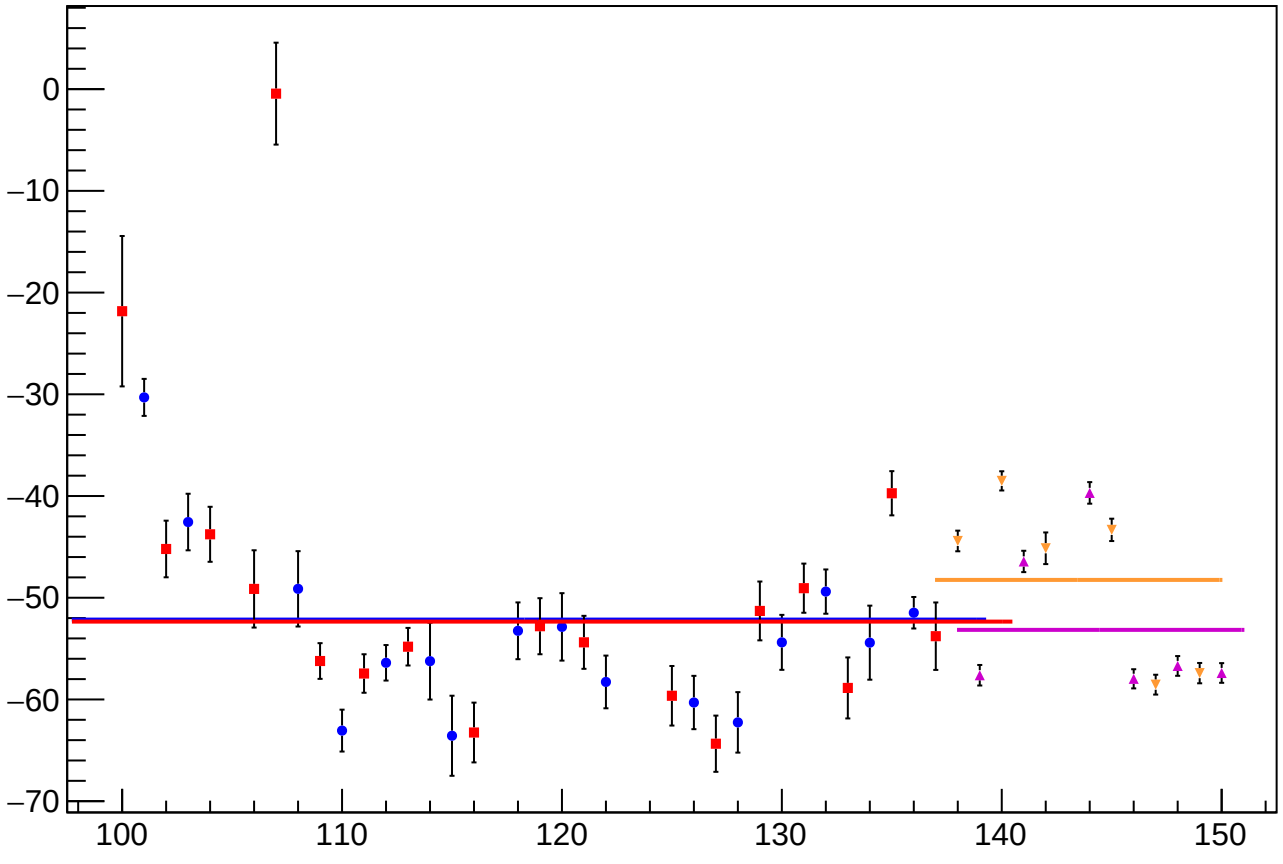
Left In: -0.659+/-0.274 χ^2/NDF:36.4/5

+ sign 0.544+/-0.222 χ^2/NDF: 178.7/21

All: 0.229+/-0.155 χ^2/NDF: 273.2/45

- sign -0.072+/-0.217 χ^2/NDF: 90.6/23

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -48.247+/-0.431 χ^2/NDF:340.0/5

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

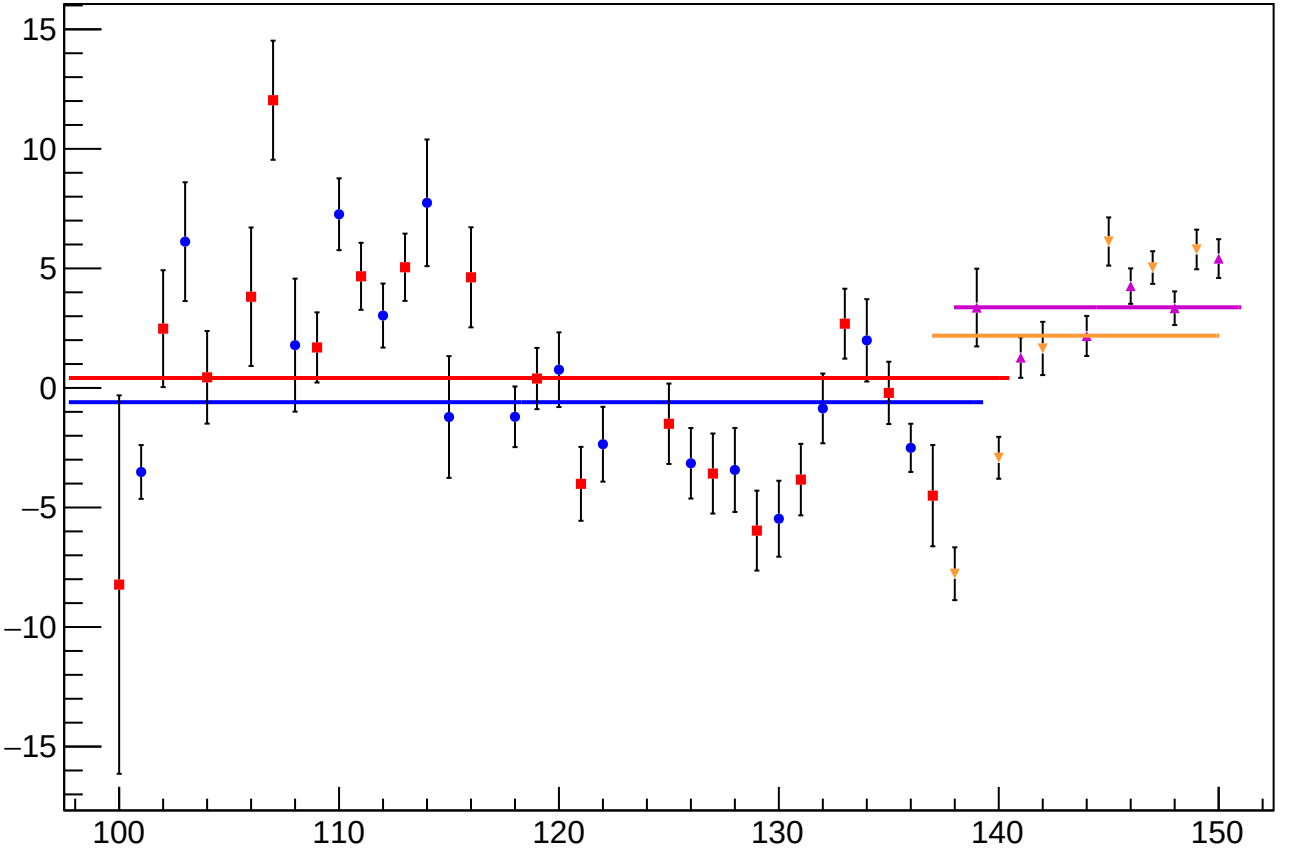
Left In: -53.159+/-0.407 χ^2/NDF:280.6/5

+ sign -49.540+/-0.352 χ^2/NDF: 597.4/21

All: -51.288+/-0.244 χ^2/NDF: 1162.4/45

- sign -52.912+/-0.340 χ^2/NDF: 517.5/23

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: 2.186+/-0.365 χ^2/NDF:167.0/5

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

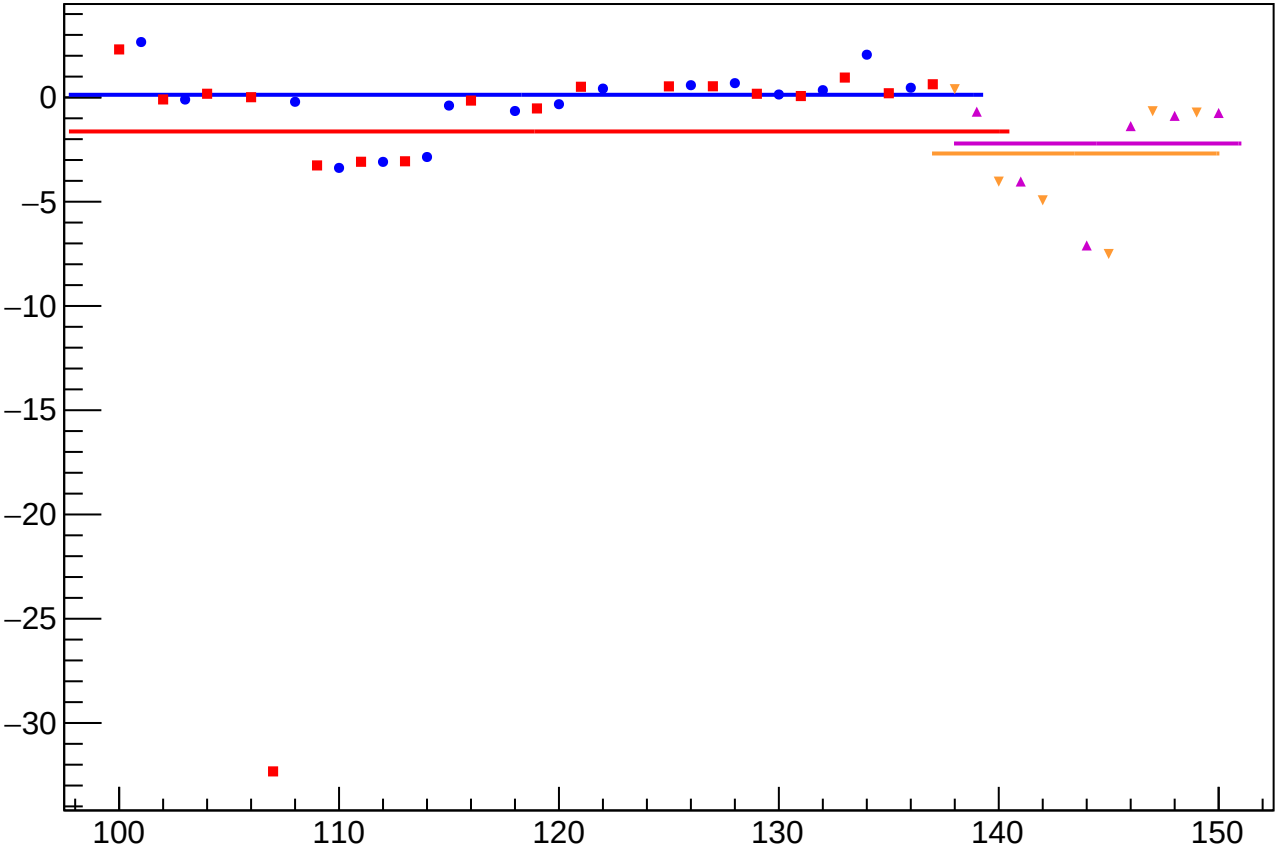
Left In: 3.374+/-0.342 χ^2/NDF:15.9/5

+ sign 0.866+/-0.264 χ^2/NDF: 277.2/21

All: 1.506+/-0.185 χ^2/NDF: 432.1/45

- sign 2.124+/-0.260 χ^2/NDF: 143.4/23

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -2.688+/-0.018 χ^2/NDF:24851.9/5

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

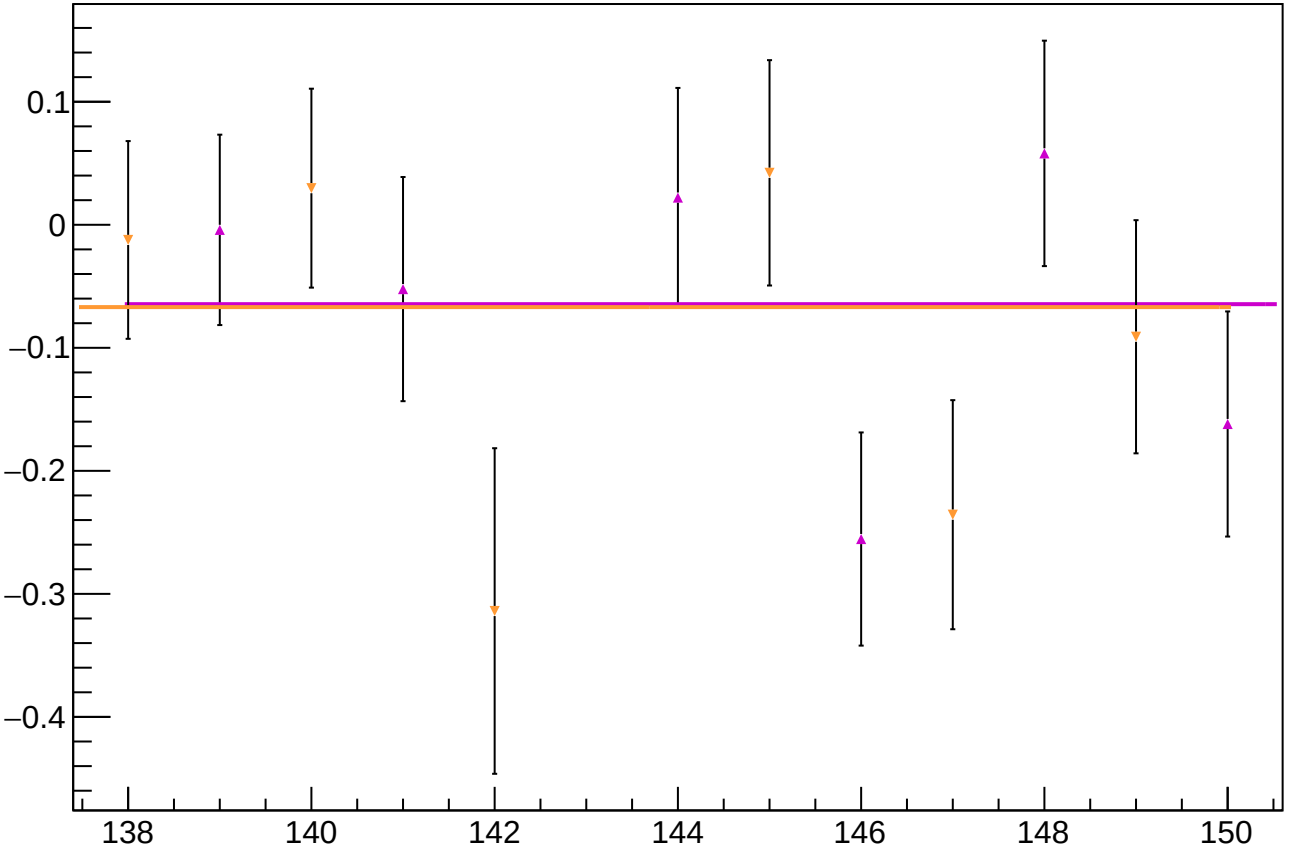
Left In: -2.208+/-0.017 χ^2/NDF:17526.6/5

+ sign -1.514+/-0.014 χ^2/NDF: 40111.0/21

All: -1.763+/-0.010 χ^2/NDF: 136573.3/45

- sign -1.992+/-0.013 χ^2/NDF: 95843.7/23

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.067+/-0.038 χ^2/NDF:10.1/5

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

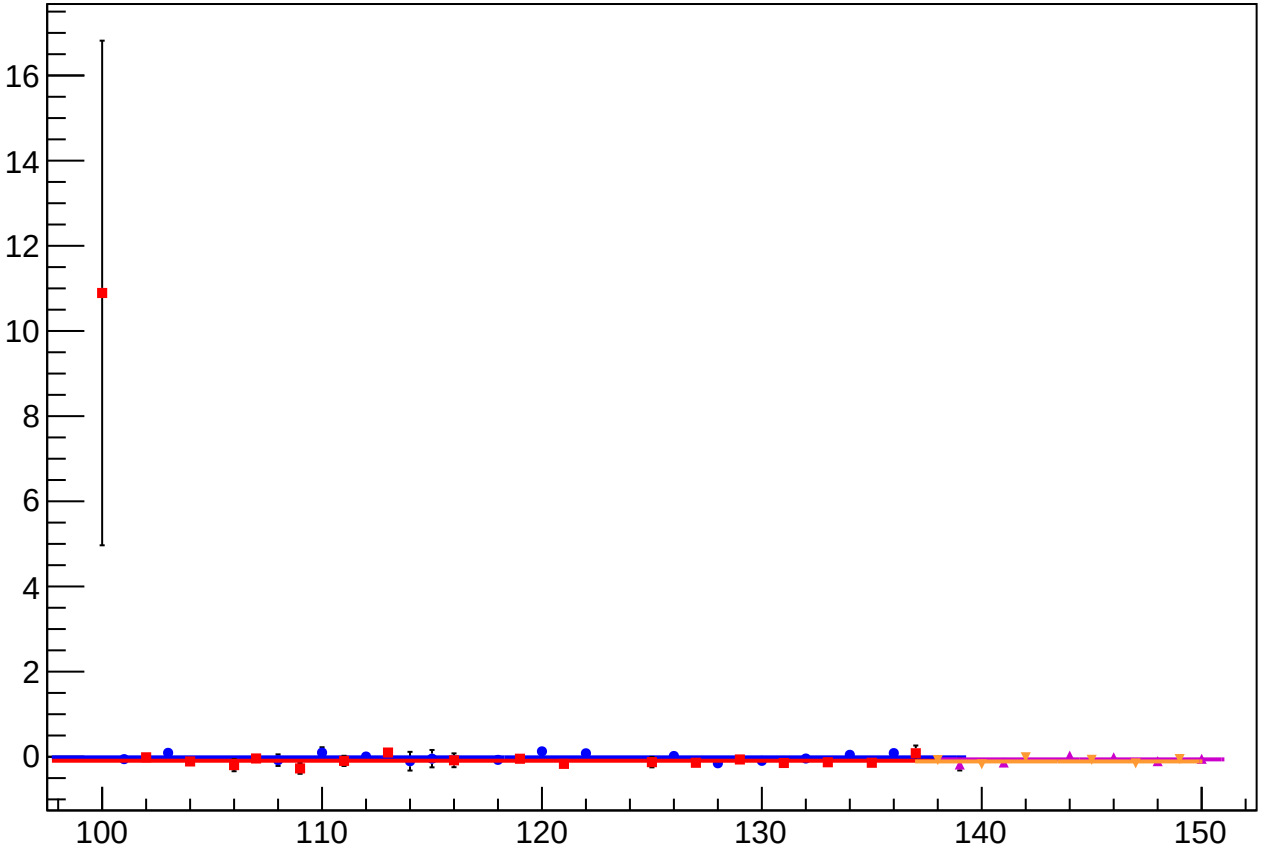
Left In: -0.065+/-0.036 χ^2/NDF:9.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.066+/-0.026 χ^2/NDF: 19.5/11

- 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: -0.109+/-0.026 χ^2/NDF:4.7/5

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

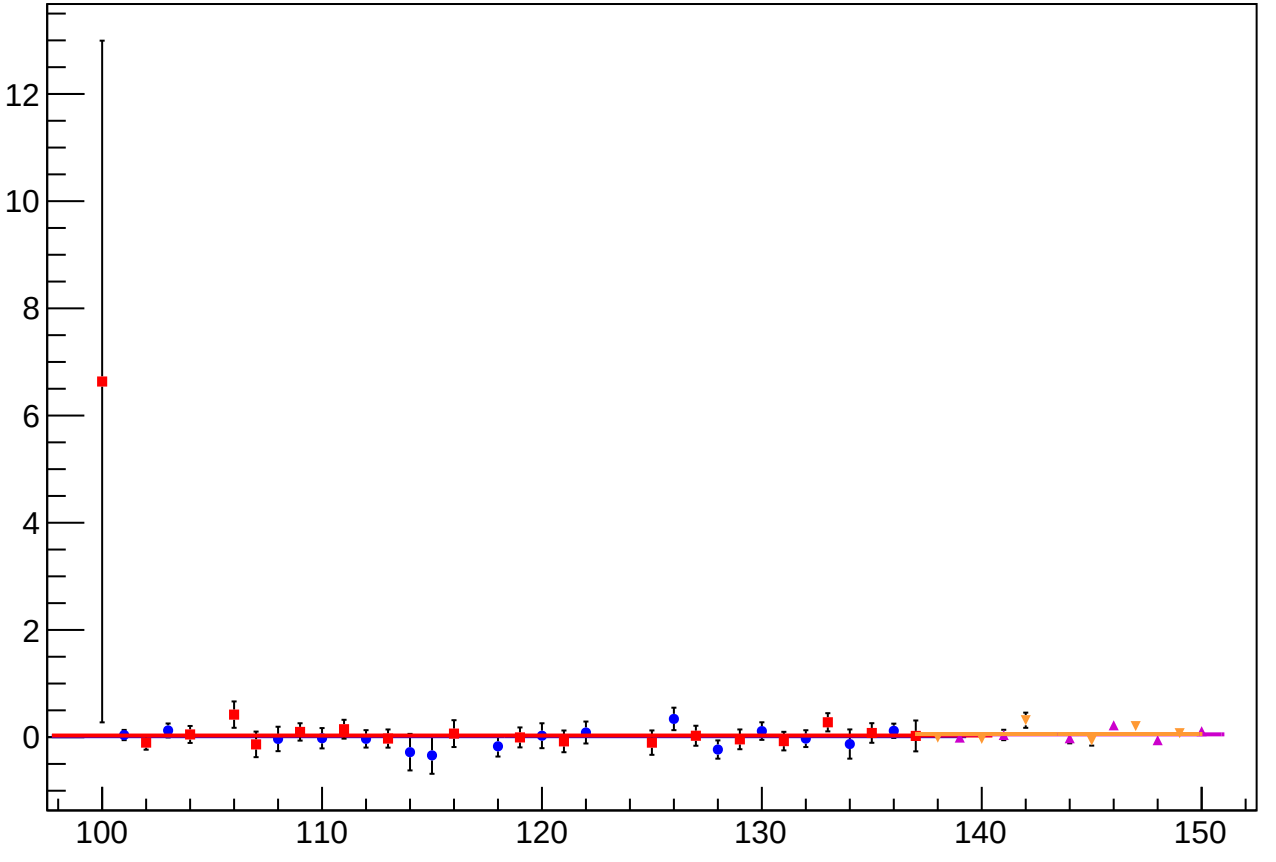
Left In: -0.060+/-0.024 χ^2/NDF:5.8/5

+ sign -0.055+/-0.017 χ^2/NDF: 24.3/21

All: -0.065+/-0.012 χ^2/NDF: 44.4/45

- sign -0.076+/-0.017 χ^2/NDF: 19.3/23

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.058+/-0.038 χ^2/NDF:9.5/5

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

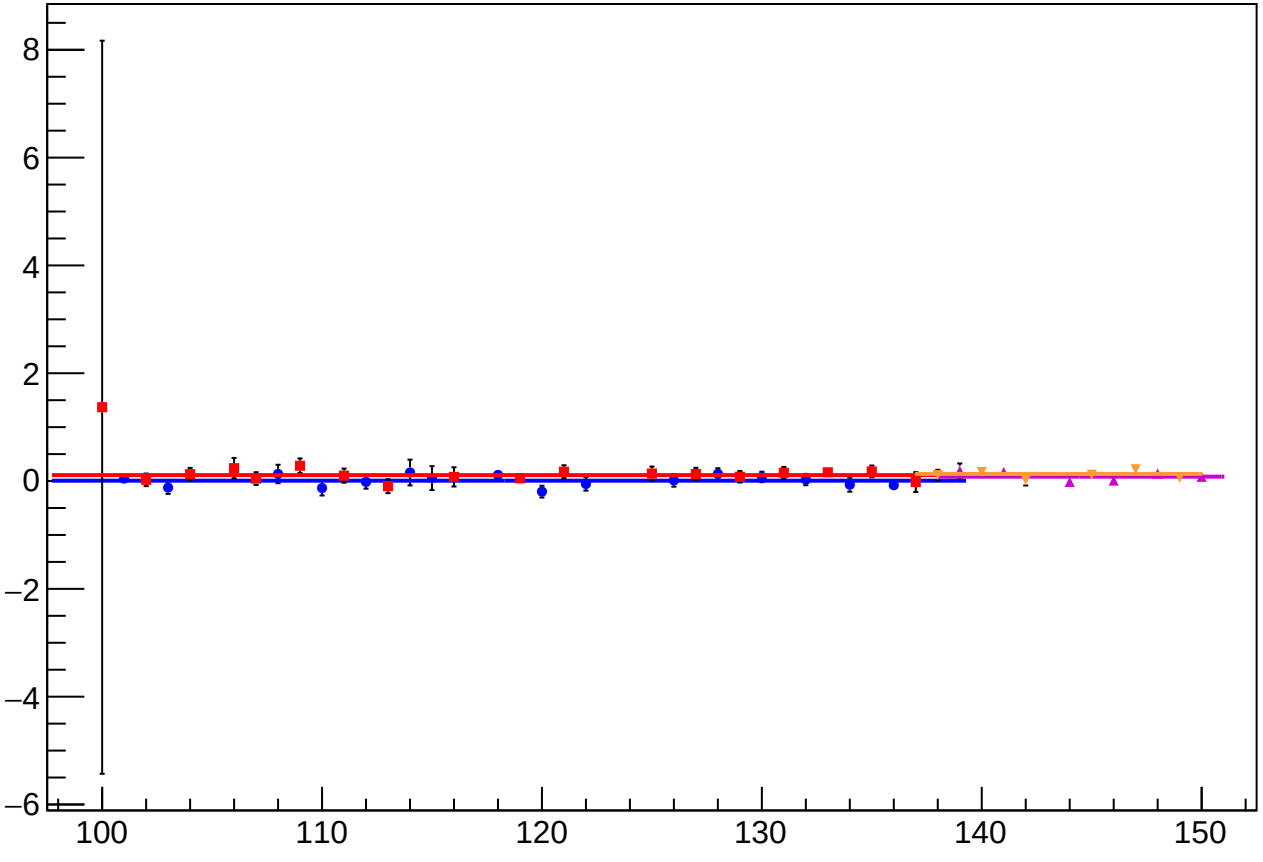
Left In: 0.052+/-0.036 χ^2/NDF:7.3/5

+ sign 0.040+/-0.029 χ^2/NDF: 19.6/21

All: 0.042+/-0.020 χ^2/NDF: 36.3/45

- sign 0.043+/-0.028 χ^2/NDF: 16.7/23

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.132+/-0.033 χ^2/NDF:4.5/5

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

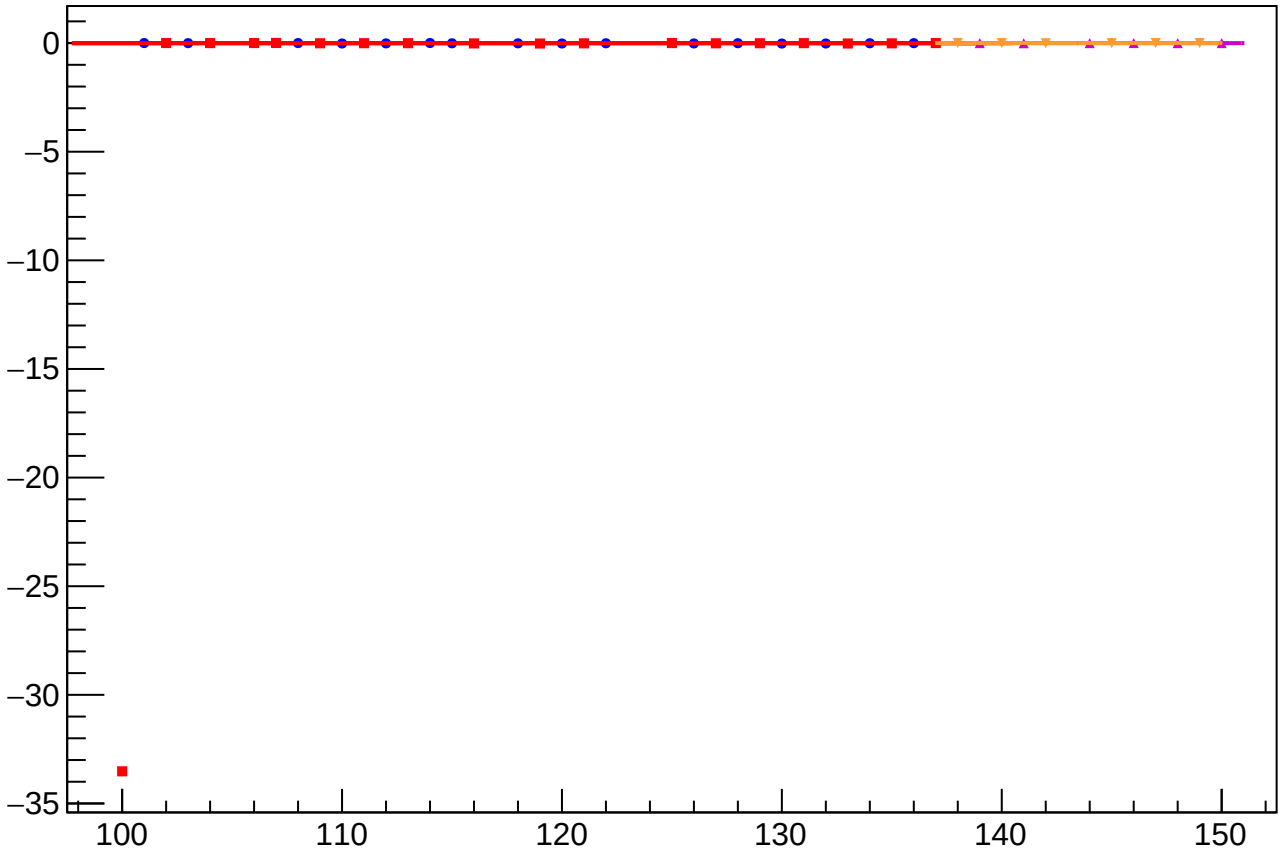
Left In: 0.082+/-0.030 χ^2/NDF:5.6/5

+ sign 0.058+/-0.021 χ^2/NDF: 25.4/21

All: 0.077+/-0.015 χ^2/NDF: 41.1/45

- sign 0.097+/-0.021 χ^2/NDF: 14.0/23

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:6.0/5

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

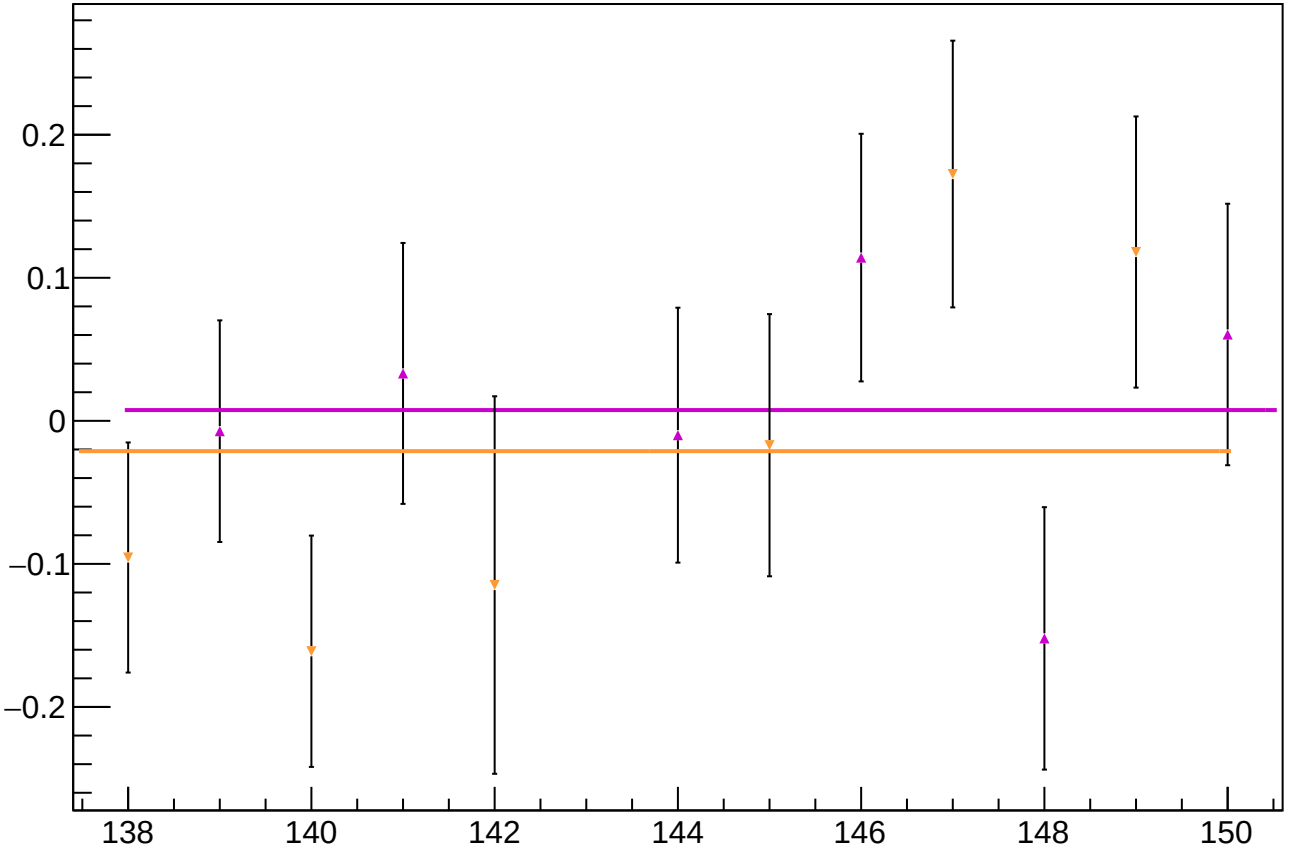
Left In: -0.002+/-0.001 χ^2/NDF:3.0/5

+ sign -0.003+/-0.001 χ^2/NDF: 35.5/21

All: -0.003+/-0.001 χ^2/NDF: 26552.0/45

- sign -0.004+/-0.001 χ^2/NDF: 26516.2/23

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.021+/-0.038 χ^2/NDF:10.8/5

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

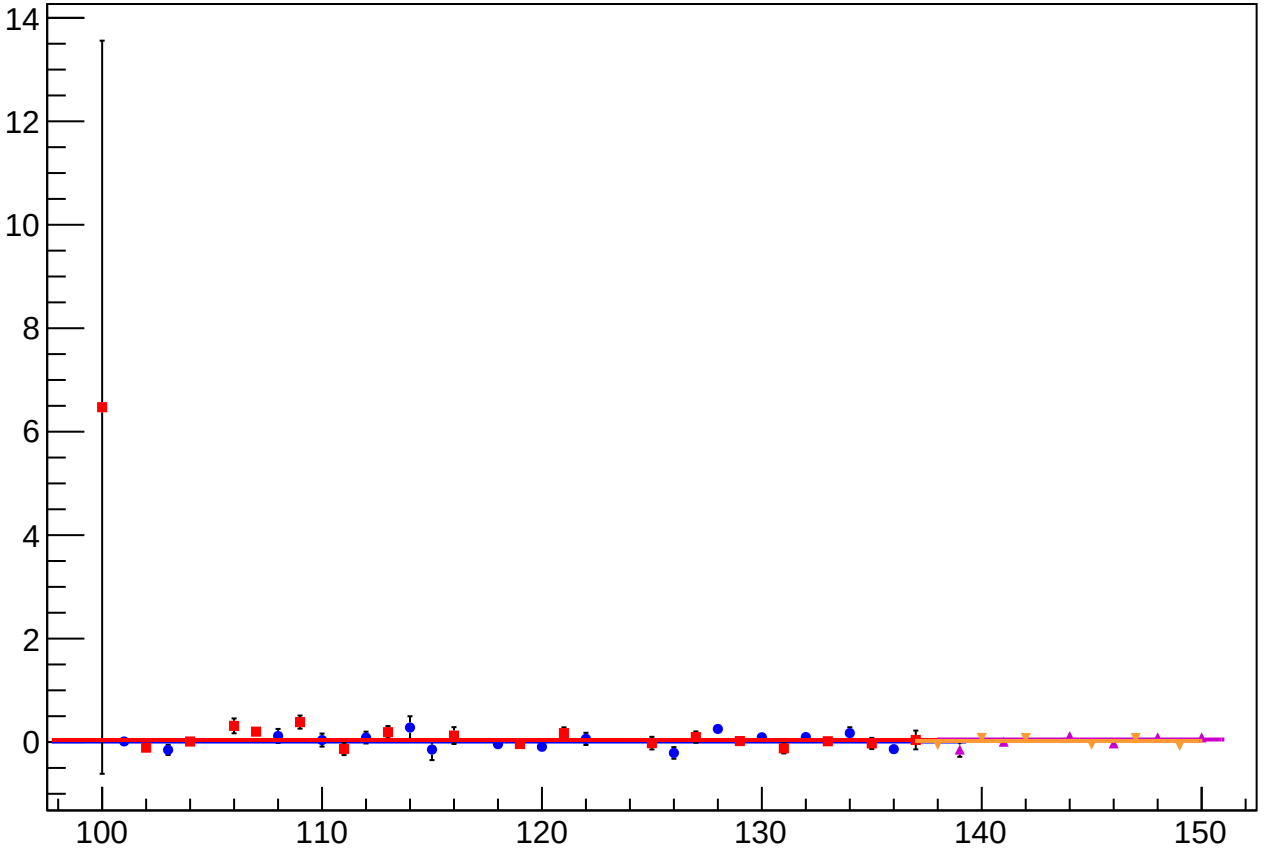
Left In: 0.008+/-0.036 χ^2/NDF:5.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.006+/-0.026 χ^2/NDF: 16.2/11

- 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: 0.022+/-0.026 χ^2/NDF:7.1/5

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

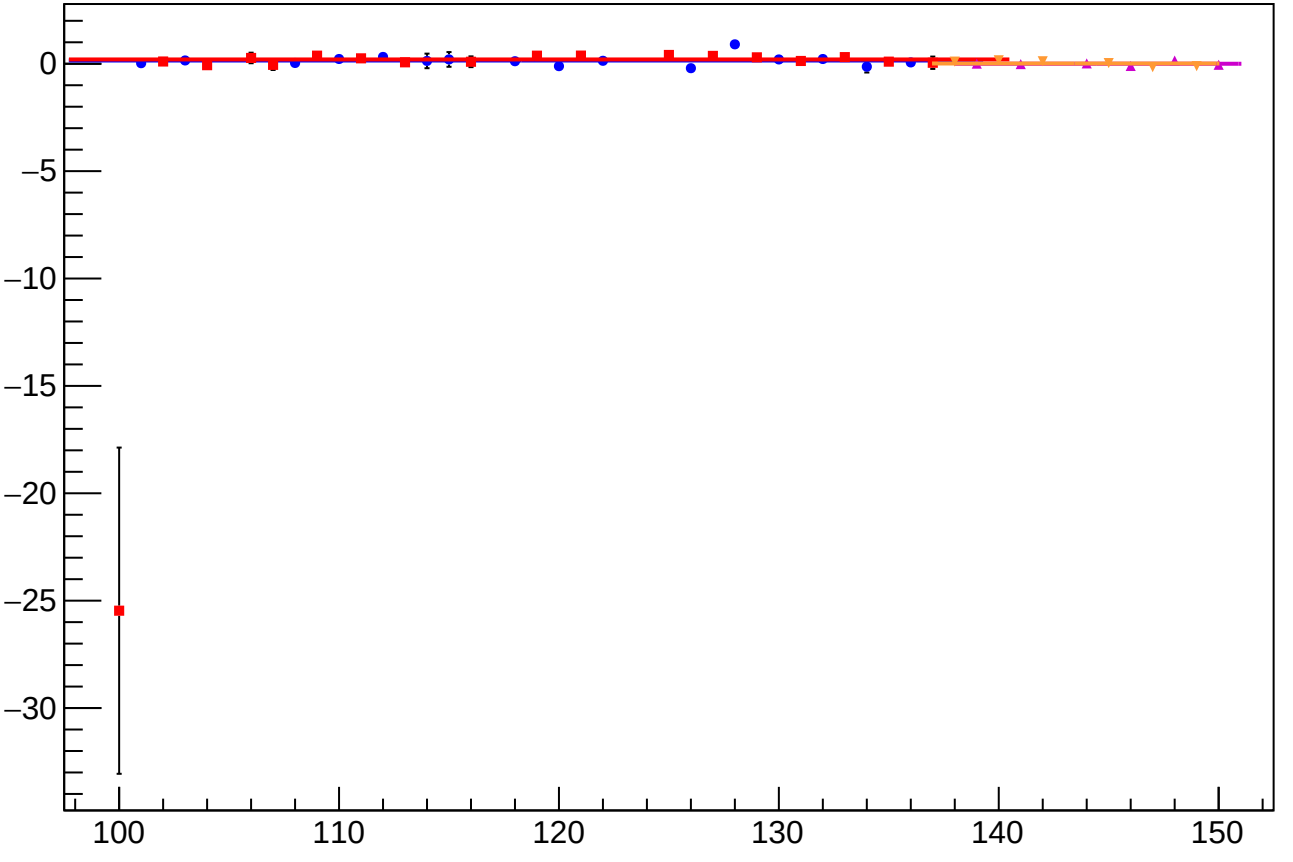
Left In: 0.050+/-0.024 χ^2/NDF:6.9/5

+ sign 0.015+/-0.017 χ^2/NDF: 32.6/21

All: 0.030+/-0.012 χ^2/NDF: 68.9/45

- sign 0.045+/-0.017 χ^2/NDF: 34.9/23

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.012+/-0.038 χ^2/NDF:10.5/5

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

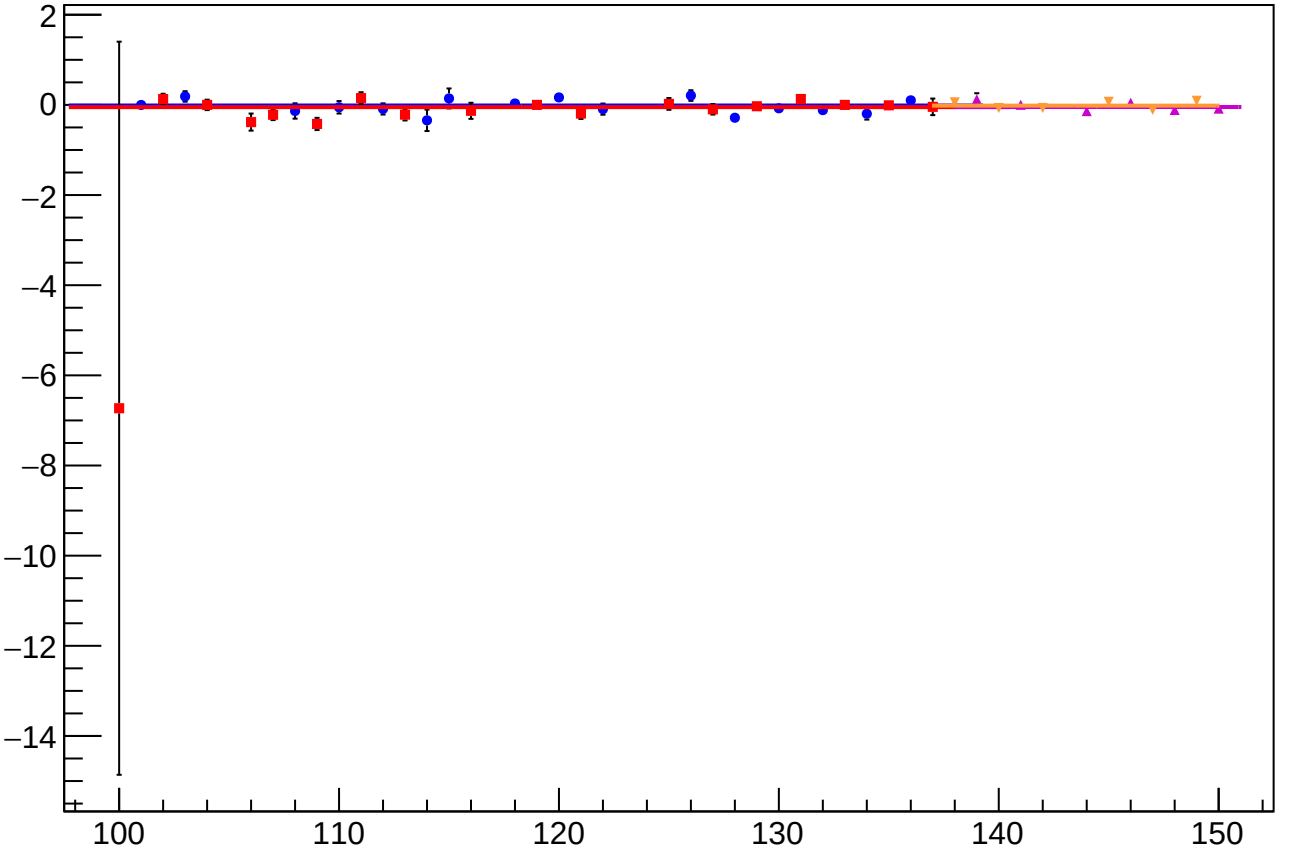
Left In: -0.000+/-0.036 χ^2/NDF:4.9/5

+ sign 0.074+/-0.029 χ^2/NDF: 45.2/21

All: 0.076+/-0.020 χ^2/NDF: 85.1/45

- sign 0.078+/-0.028 χ^2/NDF: 39.9/23

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: -0.016+/-0.033 χ^2/NDF:6.7/5

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

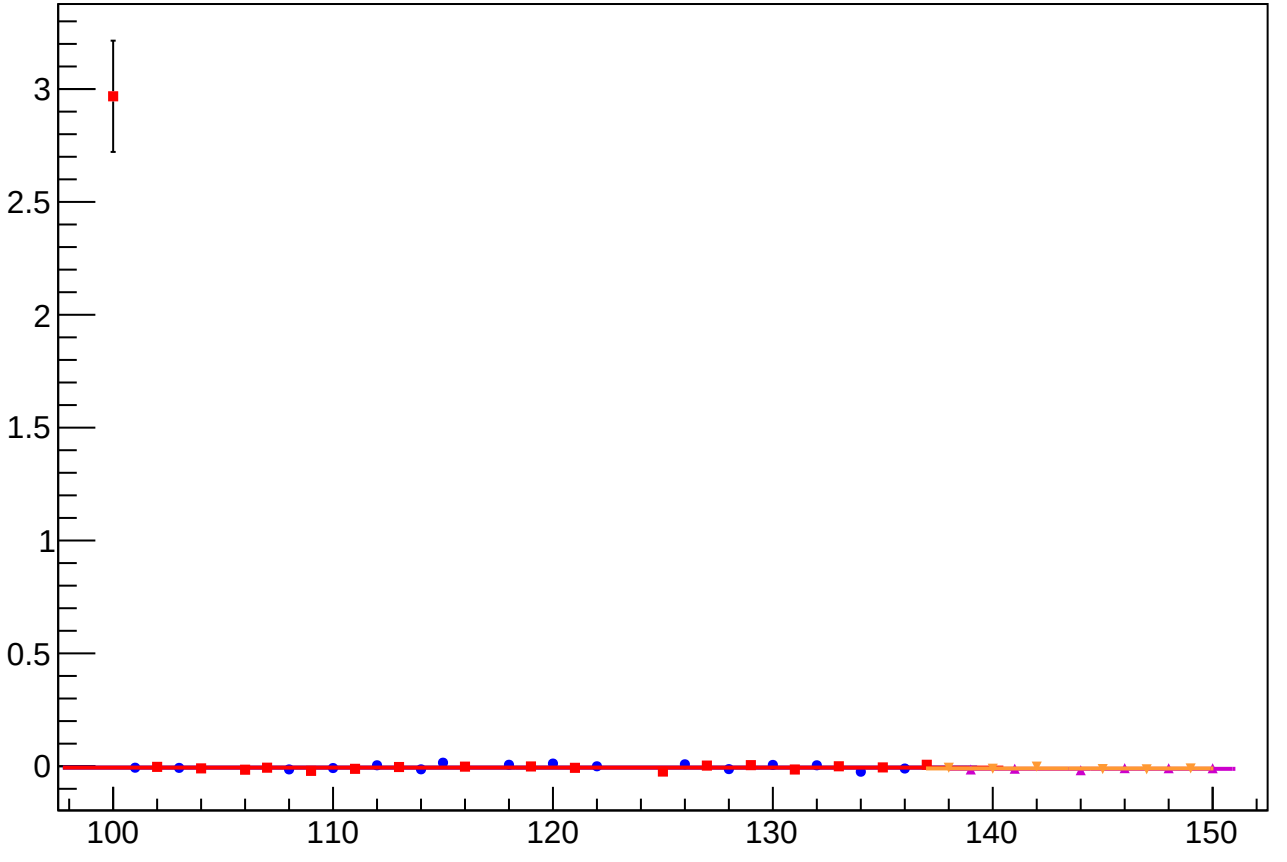
Left In: -0.047+/-0.030 χ^2/NDF:6.9/5

+ sign -0.015+/-0.021 χ^2/NDF: 31.9/21

All: -0.031+/-0.015 χ^2/NDF: 65.8/45

- sign -0.048+/-0.021 χ^2/NDF: 32.7/23

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.010+/-0.002 χ^2/NDF:4.5/5

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

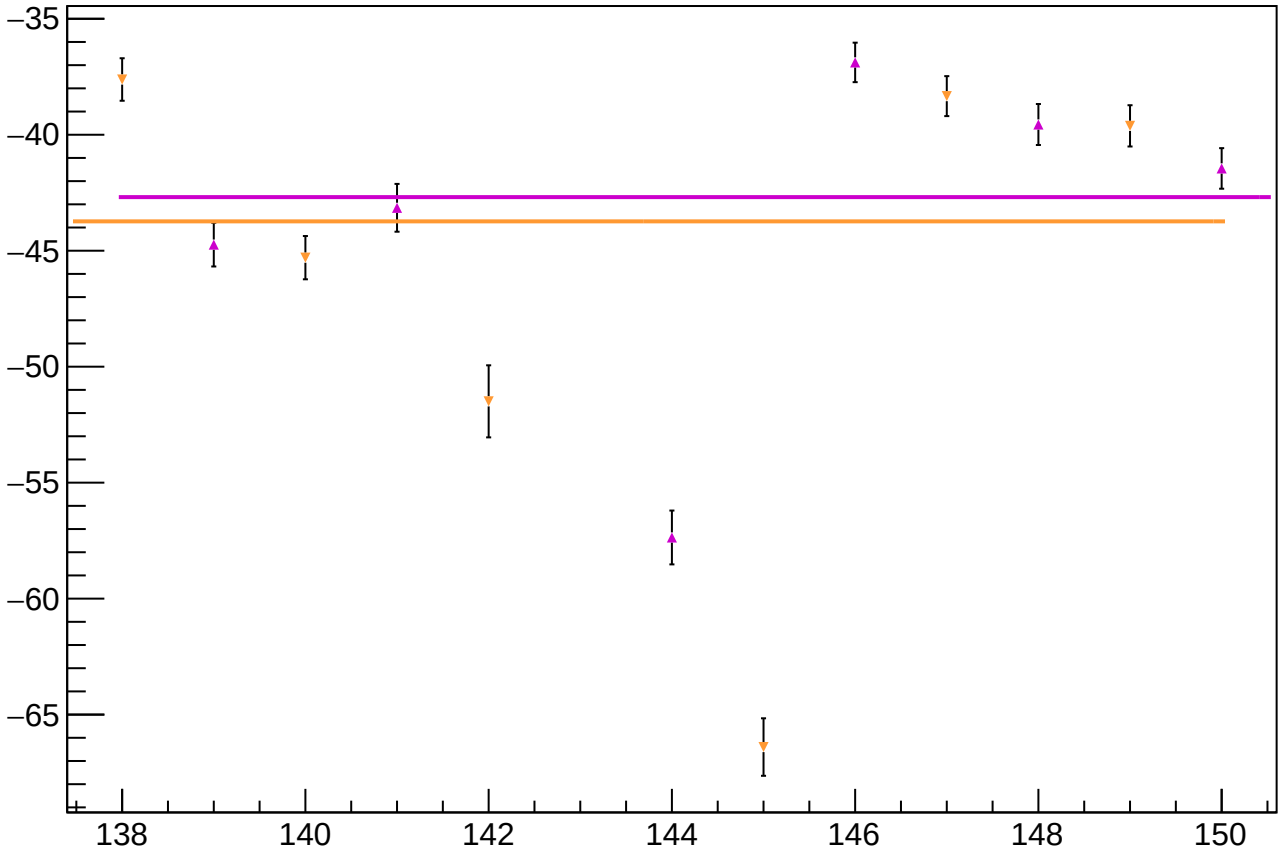
Left In: -0.012+/-0.001 χ^2/NDF:4.8/5

+ sign -0.008+/-0.001 χ^2/NDF: 36.4/21

All: -0.008+/-0.001 χ^2/NDF: 214.7/45

- sign -0.009+/-0.001 χ^2/NDF: 177.8/23

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -43.735+/-0.408 χ^2/NDF:467.3/5

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

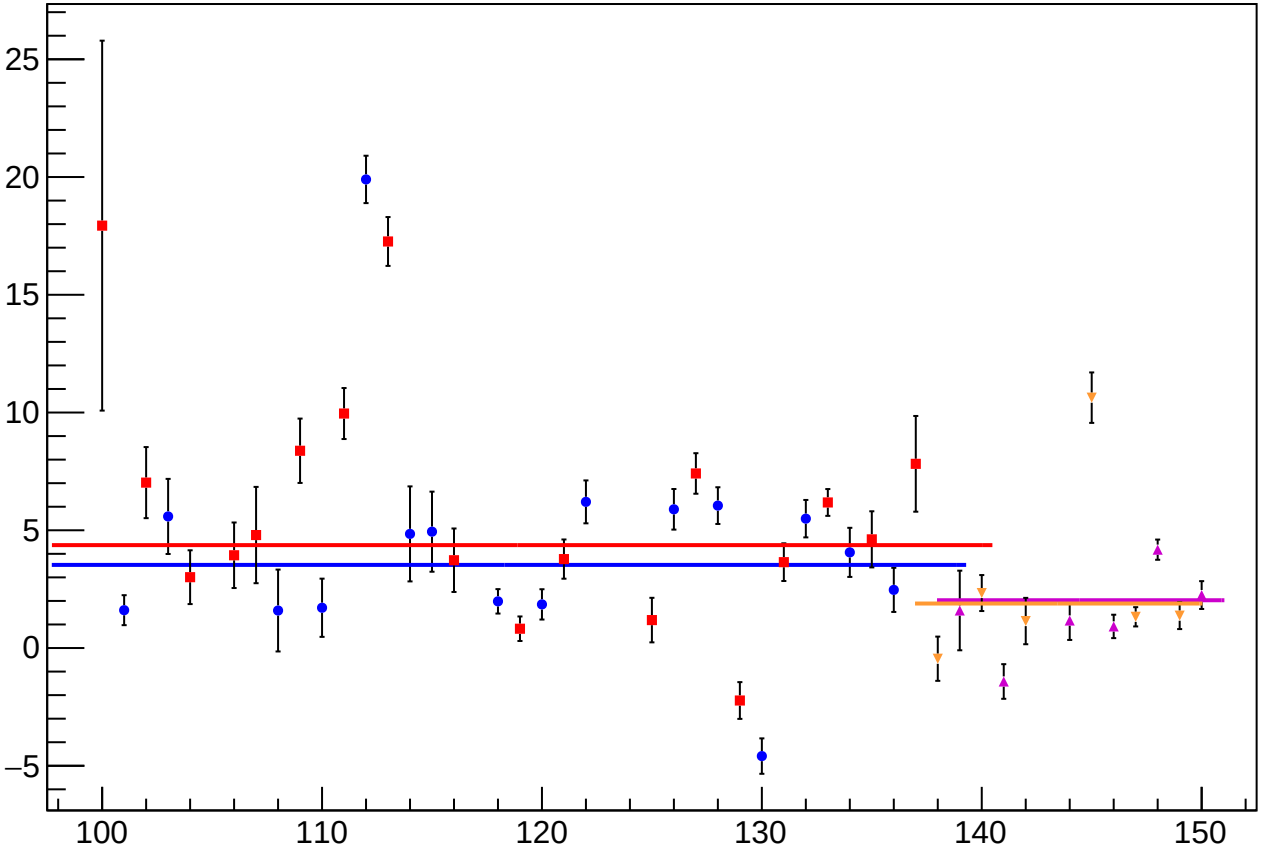
Left In: -42.689+/-0.384 χ^2/NDF:225.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -43.181+/-0.280 χ^2/NDF: 696.8/11

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530+/-0.217 χ^2/NDF: 446.6/15

Left Out: 1.890+/-0.269 χ^2/NDF:76.4/5

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

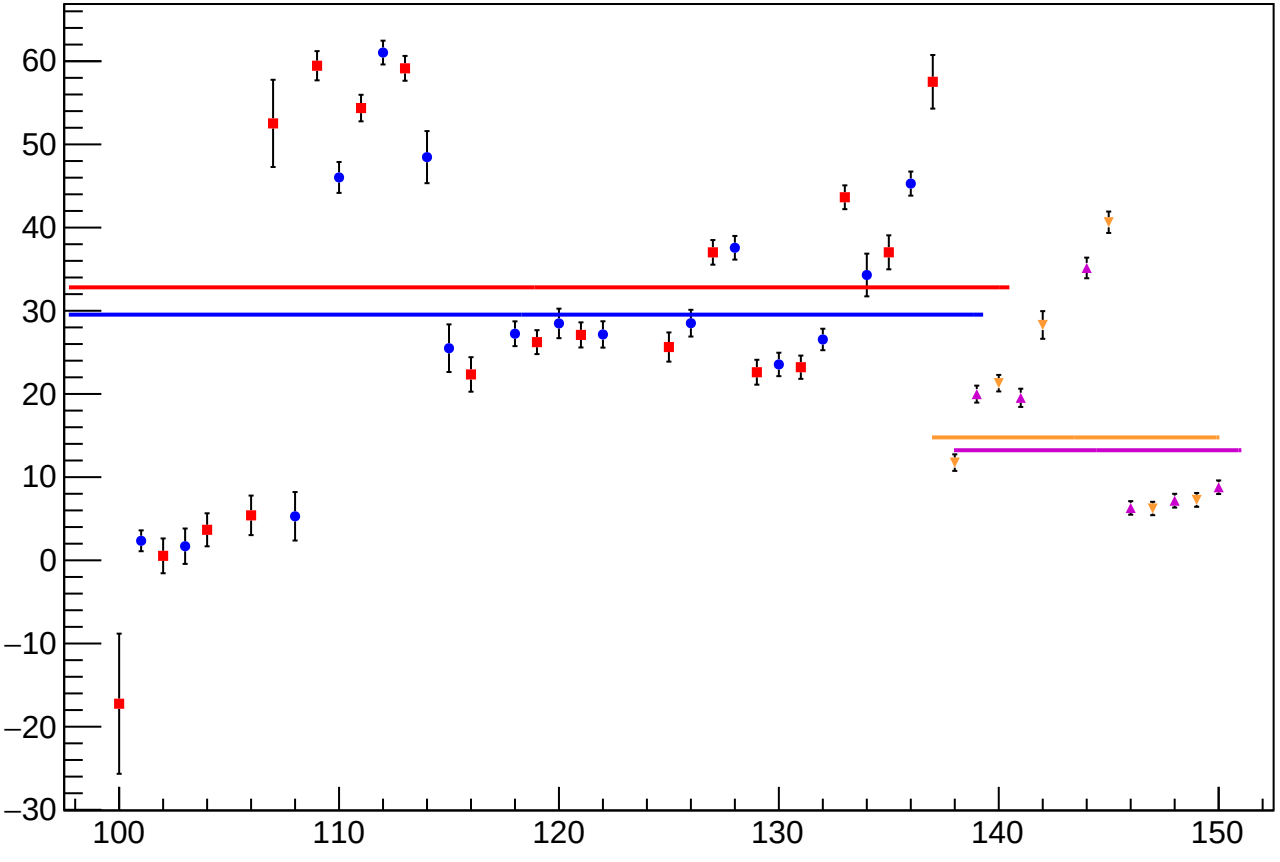
Left In: 2.029+/-0.250 χ^2/NDF:53.4/5

+ sign 2.882+/-0.169 χ^2/NDF: 545.5/21

All: 3.103+/-0.119 χ^2/NDF: 1004.4/45

- sign 3.320+/-0.167 χ^2/NDF: 455.6/23

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 14.776+/-0.409 χ^2/NDF:717.1/5

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

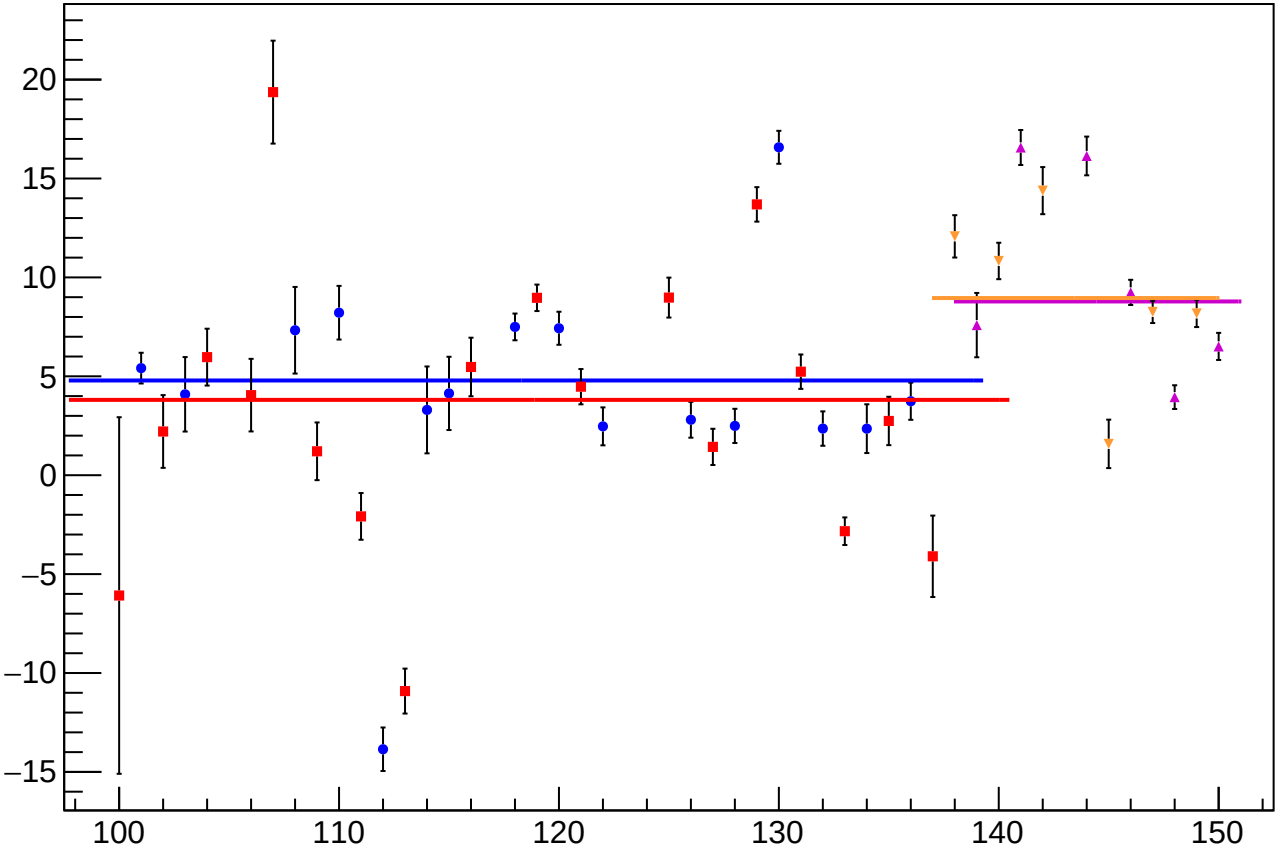
Left In: 13.234+/-0.381 χ^2/NDF:544.5/5

+ sign 22.014+/-0.292 χ^2/NDF: 2851.0/21

All: 22.006+/-0.203 χ^2/NDF: 6239.5/45

- sign 21.998+/-0.283 χ^2/NDF: 3388.5/23

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 8.956+/-0.339 χ^2/NDF:72.5/5

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

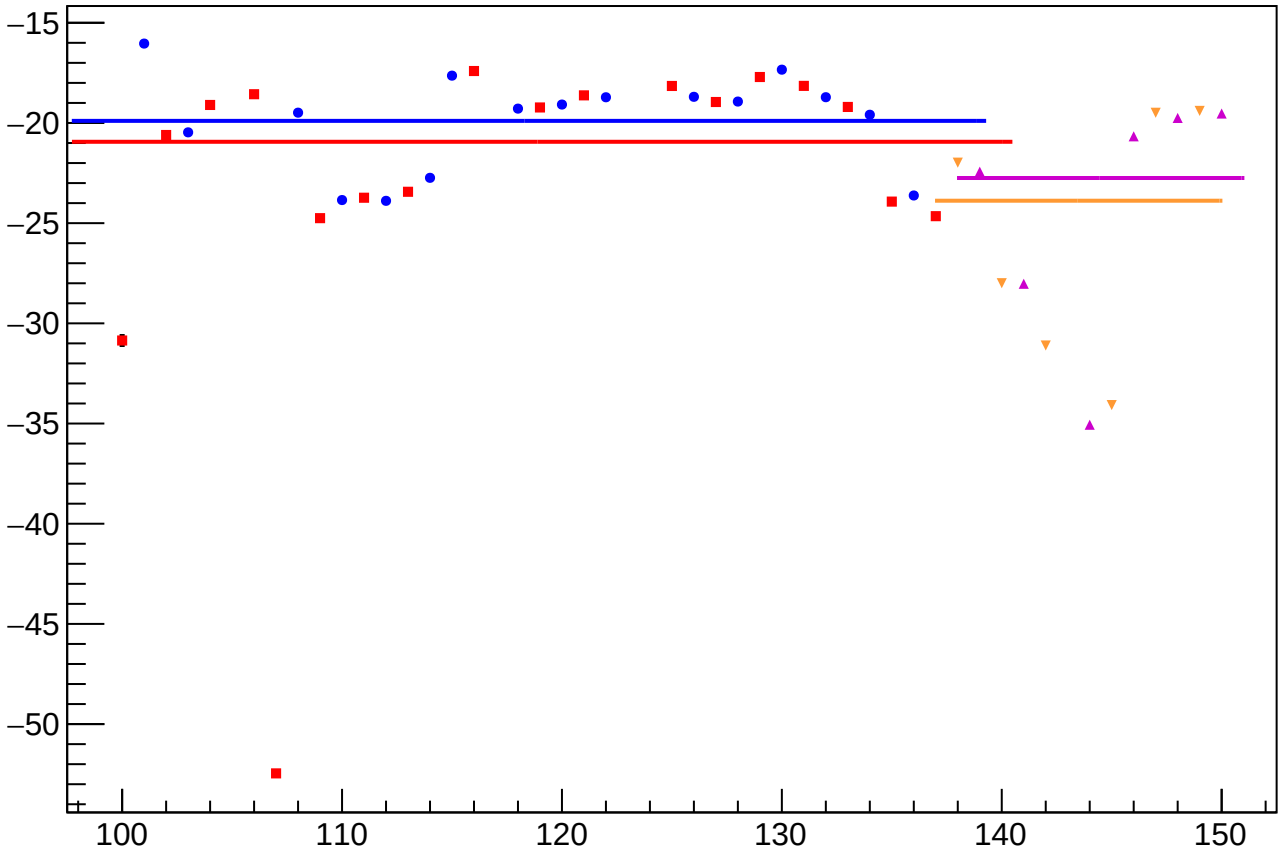
Left In: 8.784+/-0.315 χ^2/NDF:211.0/5

+ sign 6.264+/-0.202 χ^2/NDF: 723.8/21

All: 6.037+/-0.142 χ^2/NDF: 1653.8/45

- sign 5.815+/-0.200 χ^2/NDF: 927.5/23

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -23.880+/-0.018 χ^2/NDF:92013.7/5

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

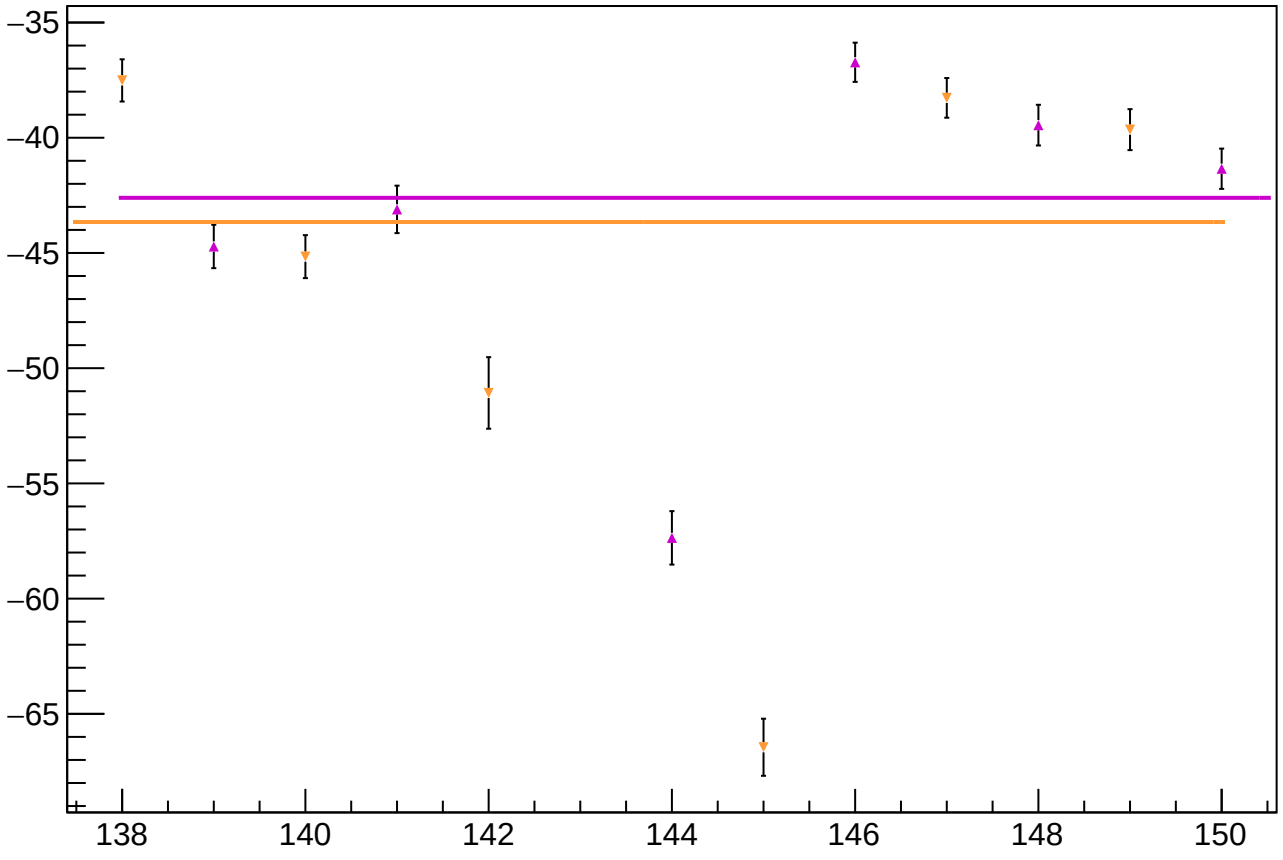
Left In: -22.746+/-0.016 χ^2/NDF:84450.5/5

+ sign -21.654+/-0.012 χ^2/NDF: 146997.6/21

All: -21.748+/-0.008 χ^2/NDF: 332203.9/45

- sign -21.835+/-0.011 χ^2/NDF: 185080.4/23

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -43.656+/-0.407 χ^2/NDF:468.5/5

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

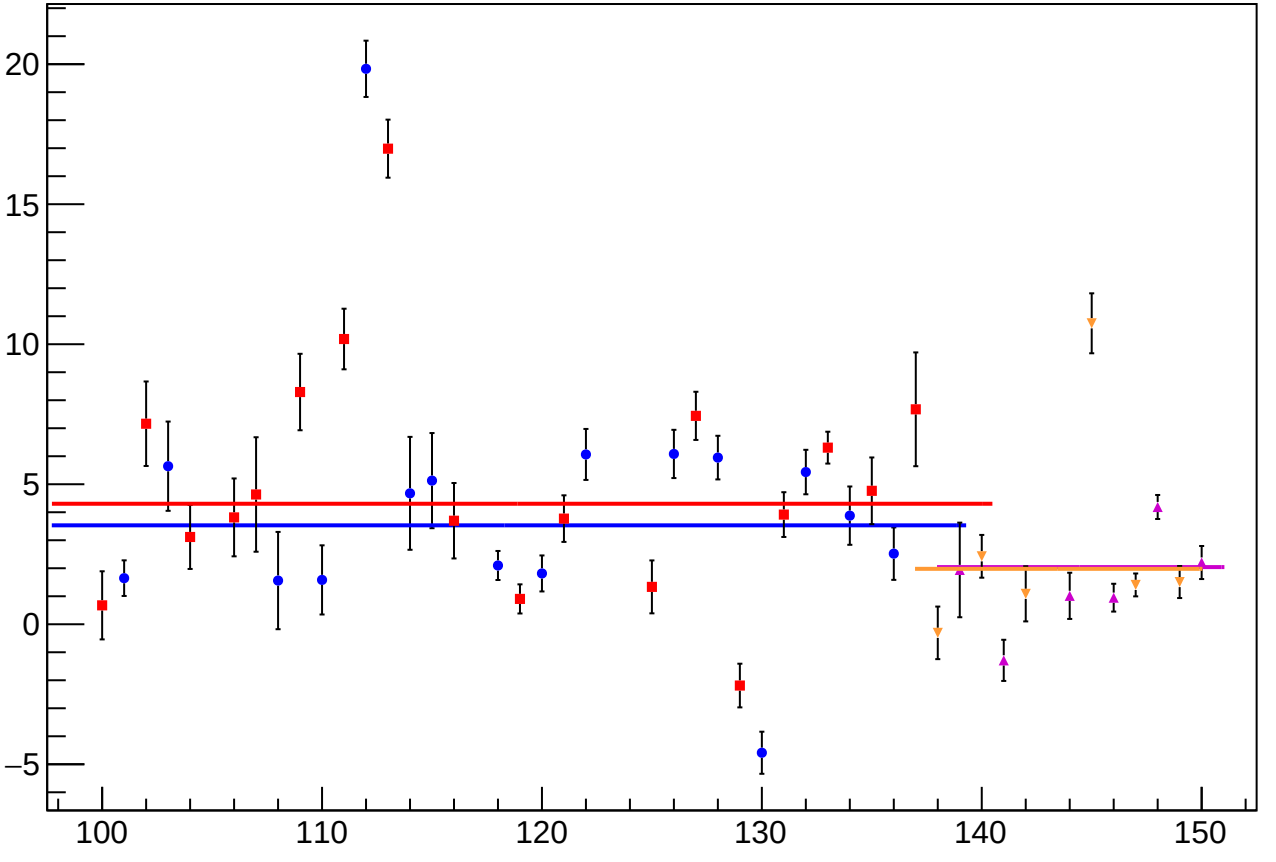
Left In: -42.607+/-0.384 χ^2/NDF:229.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -43.100+/-0.279 χ^2/NDF: 701.7/11

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532+/-0.217 χ^2/NDF: 443.2/15

Left Out: 1.979+/-0.269 χ^2/NDF:76.8/5

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

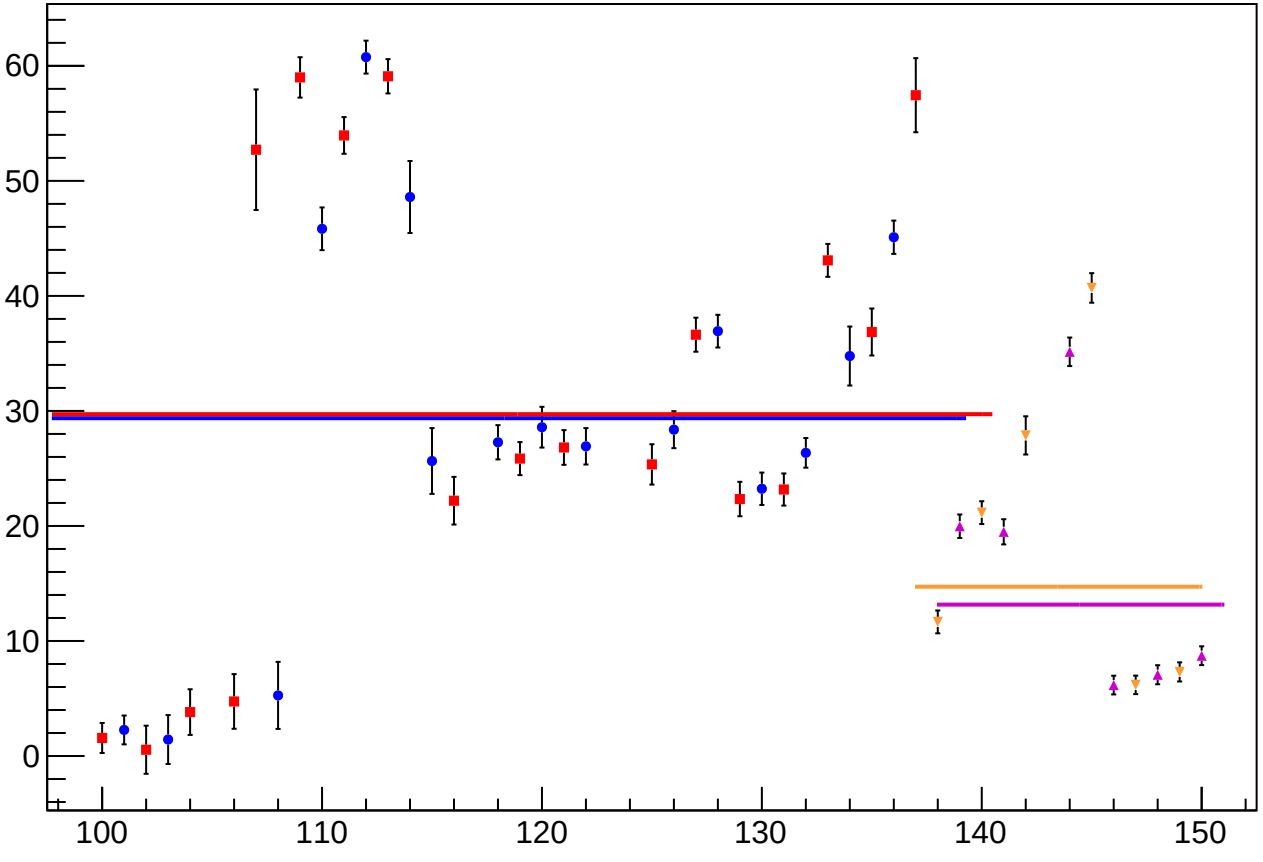
Left In: 2.041+/-0.250 χ^2/NDF:52.1/5

+ sign 2.920+/-0.169 χ^2/NDF: 540.3/21

All: 3.117+/-0.118 χ^2/NDF: 993.7/45

- sign 3.307+/-0.166 χ^2/NDF: 450.8/23

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 14.717+/-0.409 χ^2/NDF:714.5/5

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

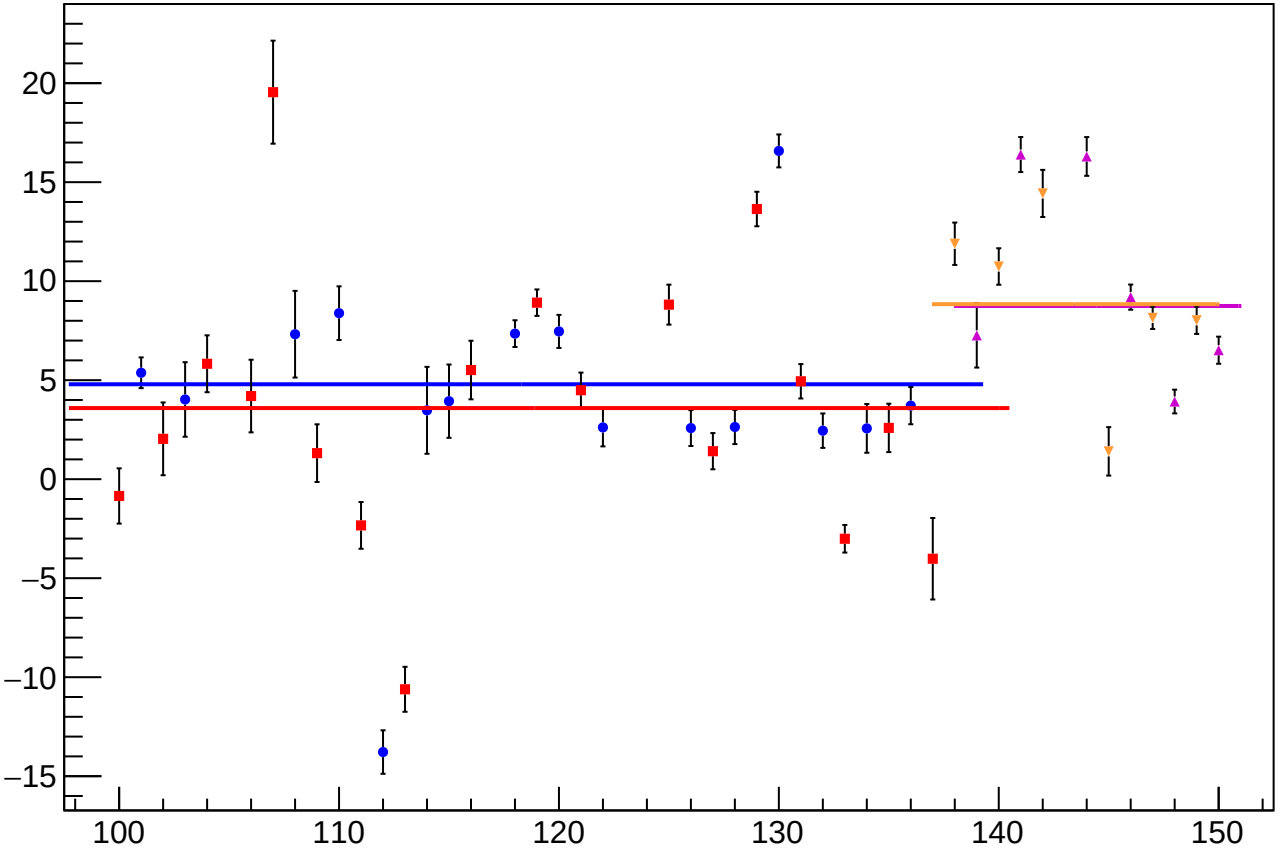
Left In: 13.161+/-0.380 χ^2/NDF:549.8/5

+ sign 21.902+/-0.292 χ^2/NDF: 2833.7/21

All: 21.413+/-0.201 χ^2/NDF: 6412.4/45

- sign 20.973+/-0.276 χ^2/NDF: 3573.4/23

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 8.838+/-0.339 χ^2/NDF:74.3/5

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

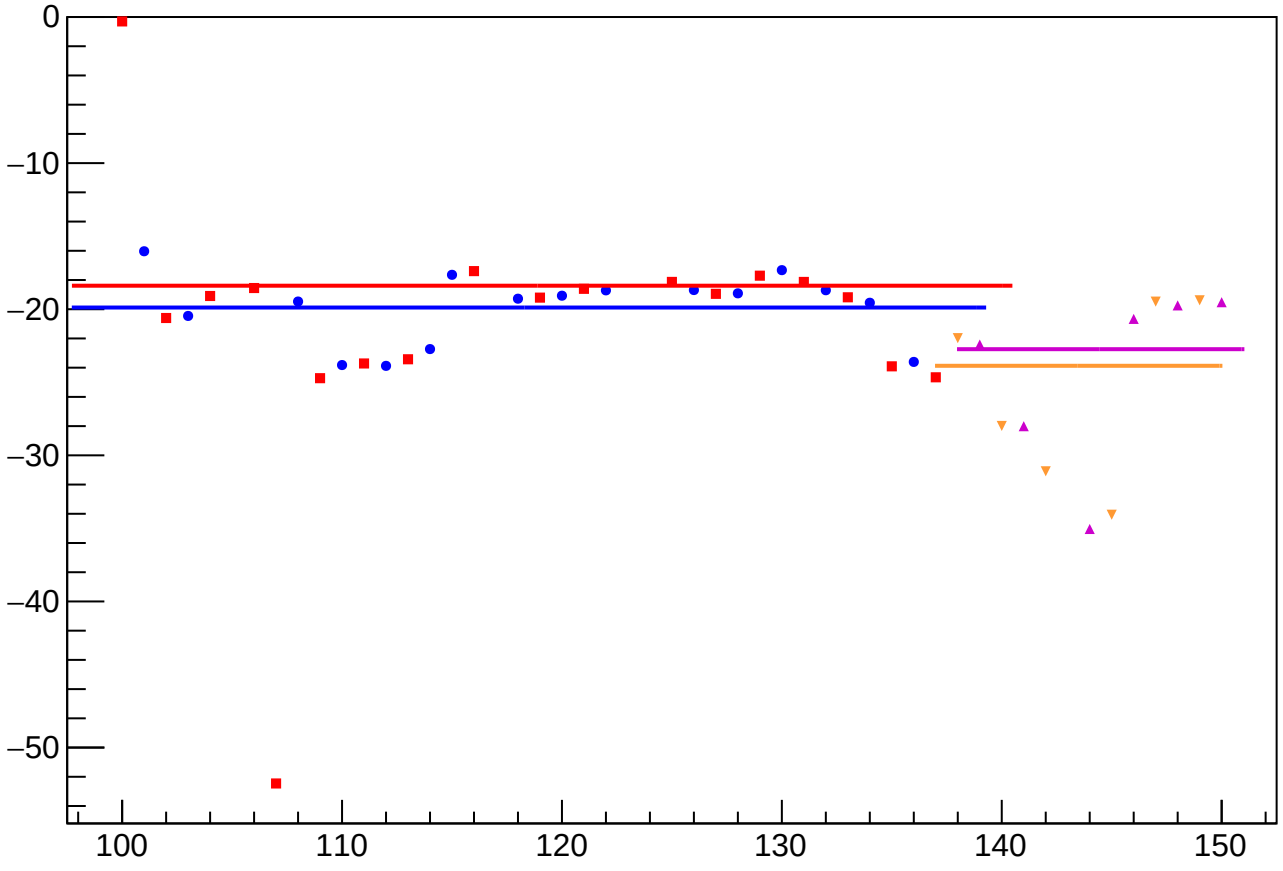
Left In: 8.748+/-0.315 χ^2/NDF:211.2/5

+ sign 6.225+/-0.202 χ^2/NDF: 716.1/21

All: 5.921+/-0.141 χ^2/NDF: 1667.4/45

- sign 5.629+/-0.198 χ^2/NDF: 946.8/23

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -23.871+/-0.018 χ^2/NDF:92070.5/5

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

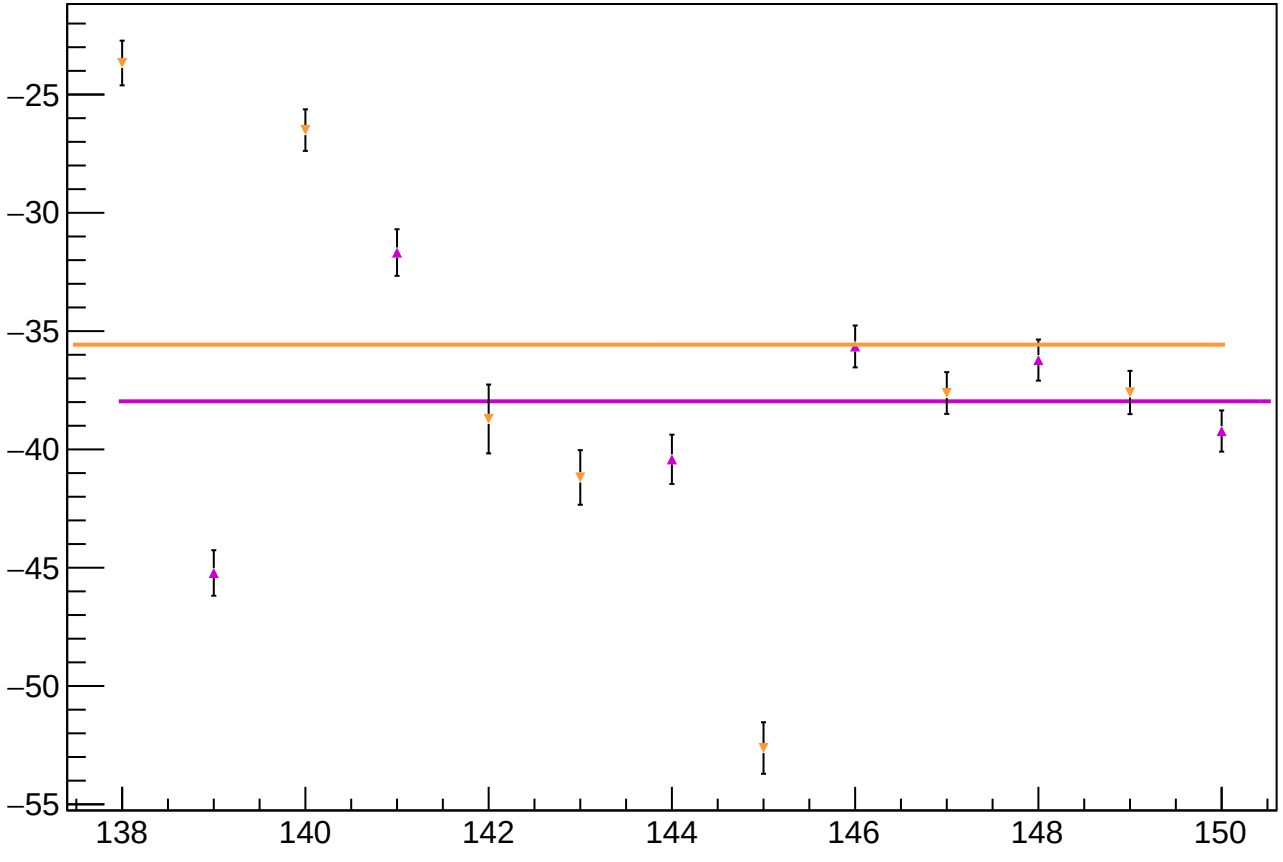
Left In: -22.734+/-0.016 χ^2/NDF:84407.2/5

+ sign -21.643+/-0.012 χ^2/NDF: 147126.7/21

All: -20.978+/-0.008 χ^2/NDF: 579192.9/45

- sign -20.406+/-0.011 χ^2/NDF: 425986.8/23

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -35.573+/-0.379 χ^2/NDF:549.0/6

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

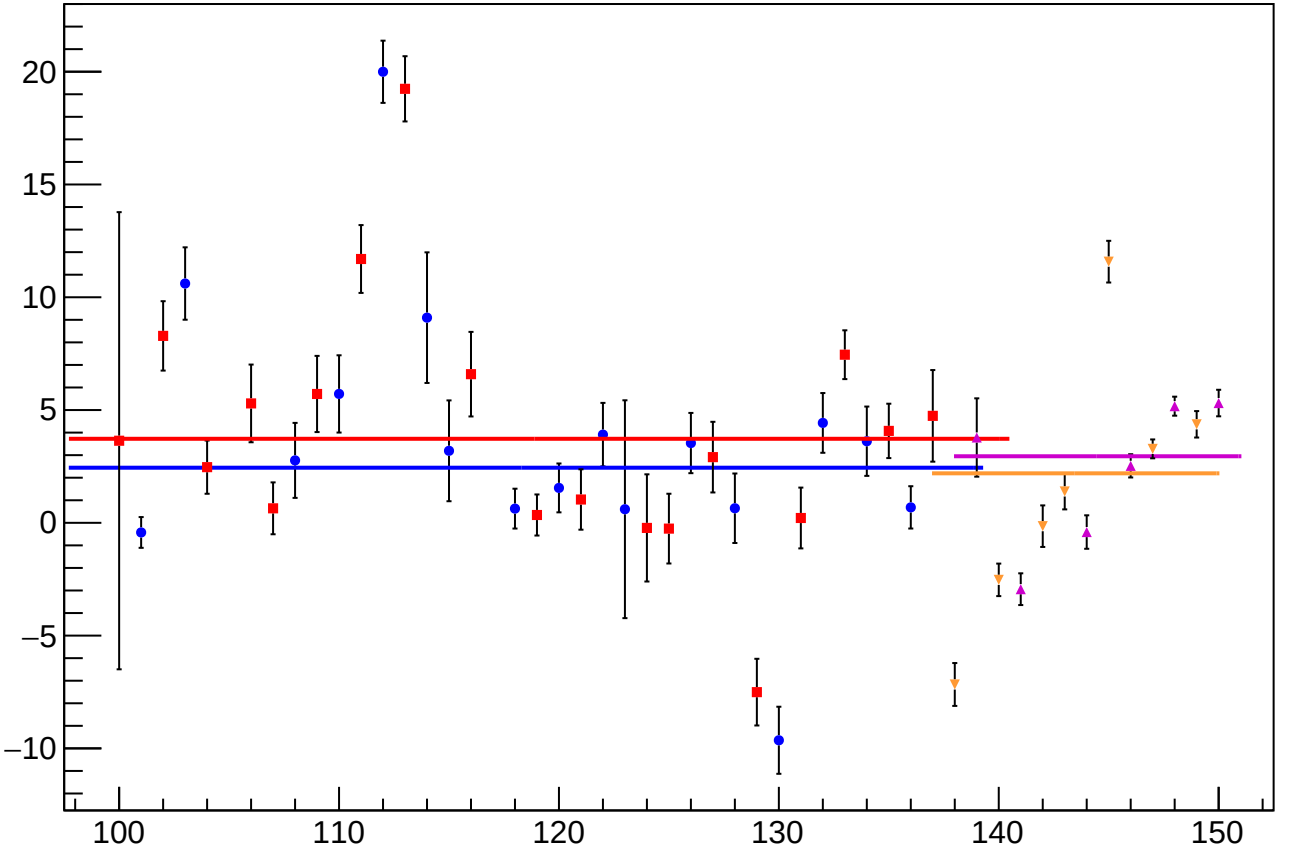
Left In: -37.968+/-0.379 χ^2/NDF:116.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.769+/-0.268 χ^2/NDF: 685.1/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 2.194+/-0.253 χ^2/NDF:271.0/6

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

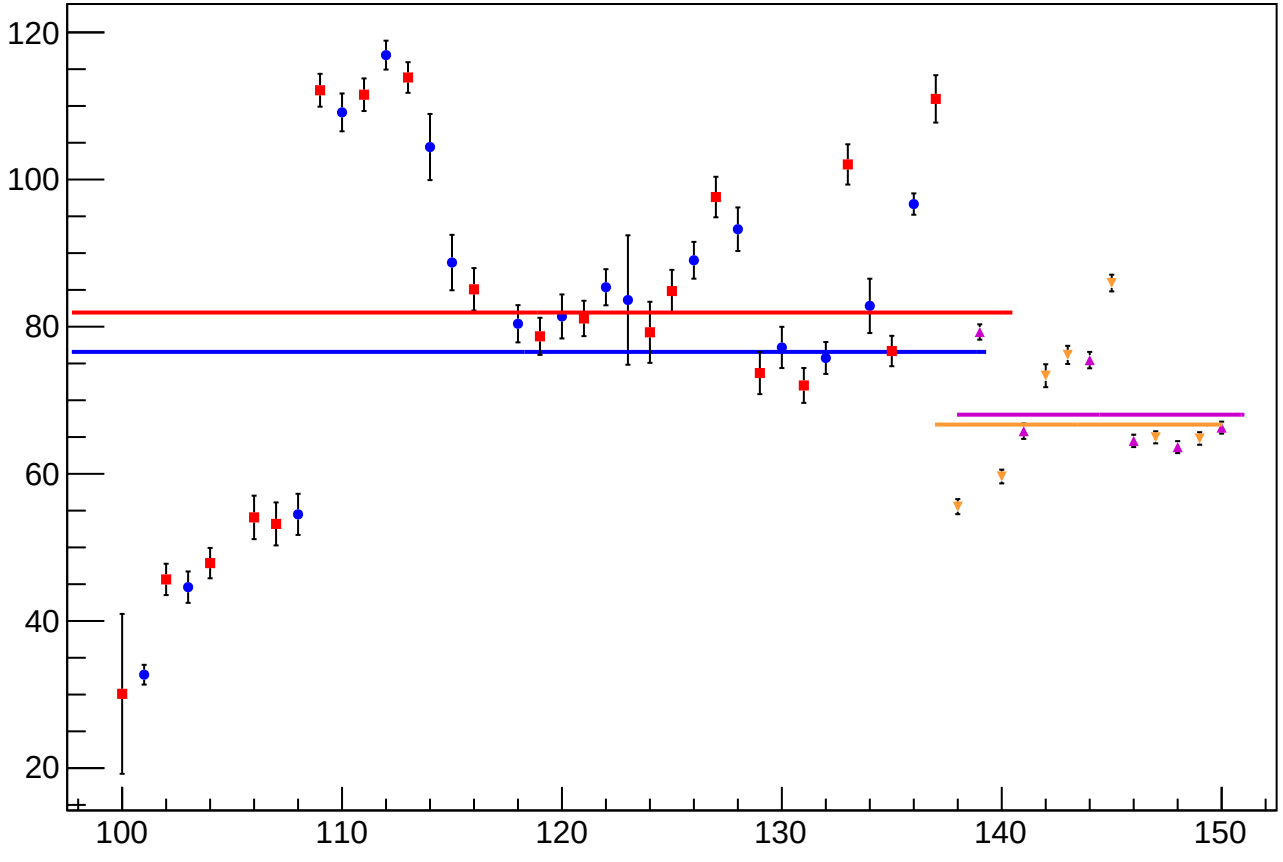
Left In: 2.951+/-0.246 χ^2/NDF:135.5/5

+ sign 2.294+/-0.196 χ^2/NDF: 566.7/23

All: 2.762+/-0.139 χ^2/NDF: 986.3/48

- sign 3.232+/-0.197 χ^2/NDF: 408.2/24

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 66.694+/-0.384 χ^2/NDF:548.3/6

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

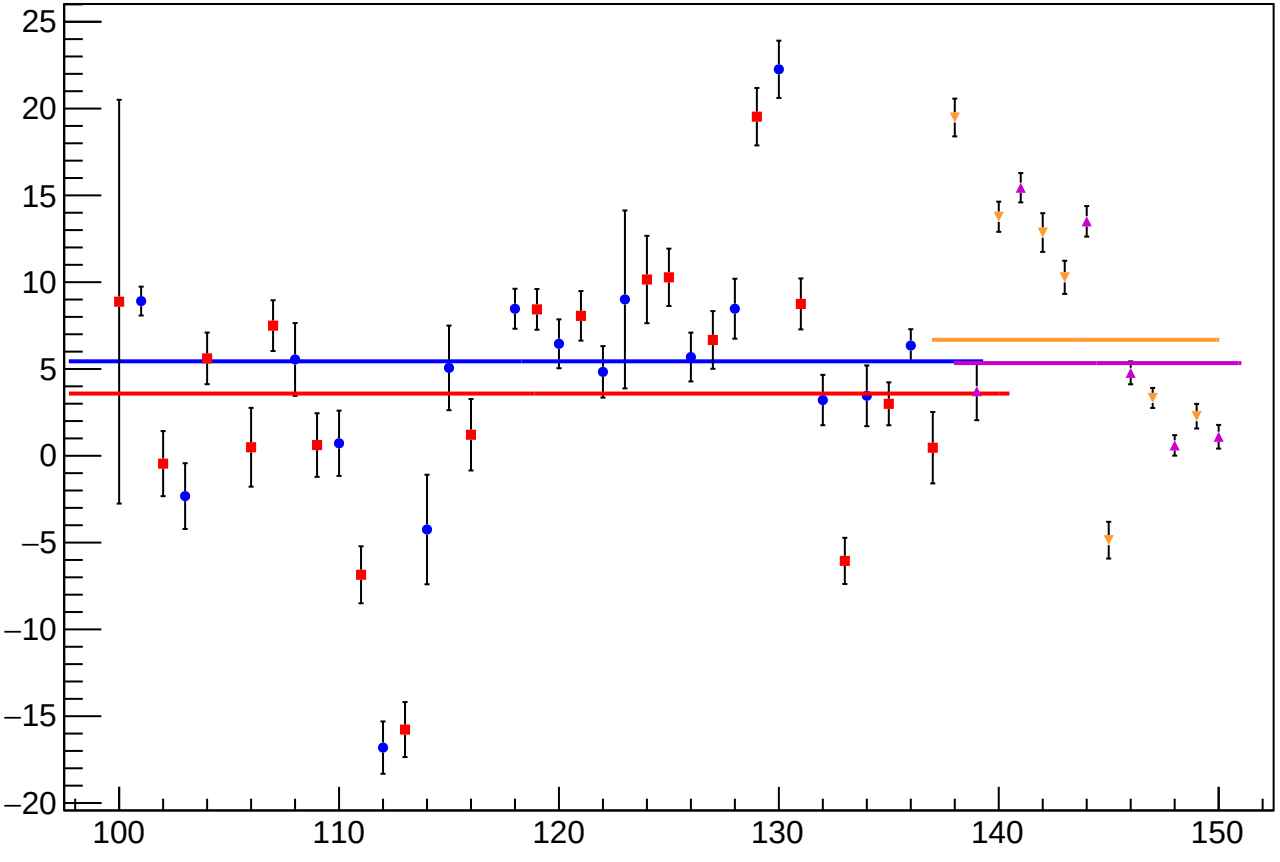
Left In: 68.040+/-0.377 χ^2/NDF:217.1/5

+ sign 69.754+/-0.319 χ^2/NDF: 3006.9/23

All: 70.901+/-0.225 χ^2/NDF: 5212.0/48

- sign 72.039+/-0.318 χ^2/NDF: 2179.3/24

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 6.680+/-0.317 χ^2/NDF:441.1/6

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

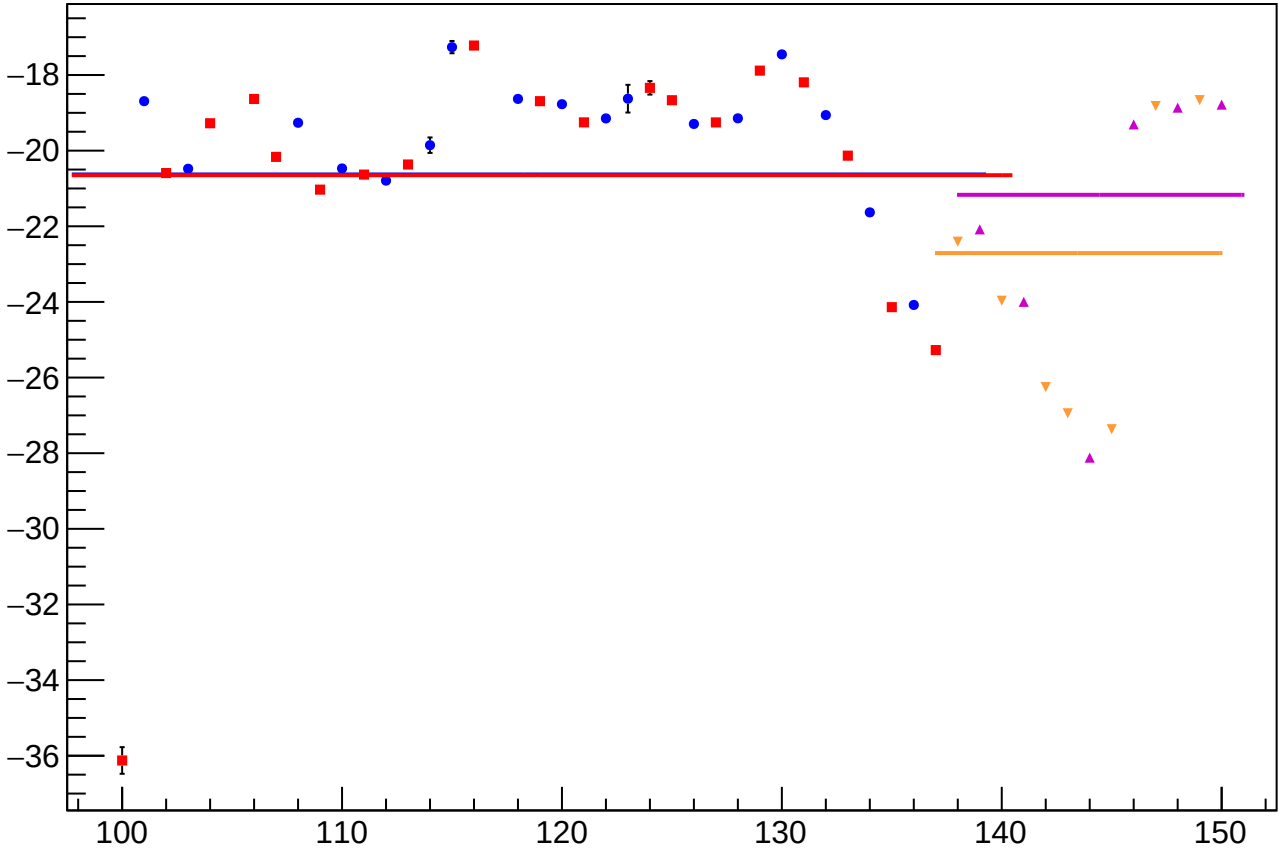
Left In: 5.340+/-0.310 χ^2/NDF:333.8/5

+ sign 6.135+/-0.237 χ^2/NDF: 835.3/23

All: 5.388+/-0.168 χ^2/NDF: 1625.4/48

- sign 4.627+/-0.239 χ^2/NDF: 770.0/24

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -22.708+/-0.016 χ^2/NDF:44199.4/6

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

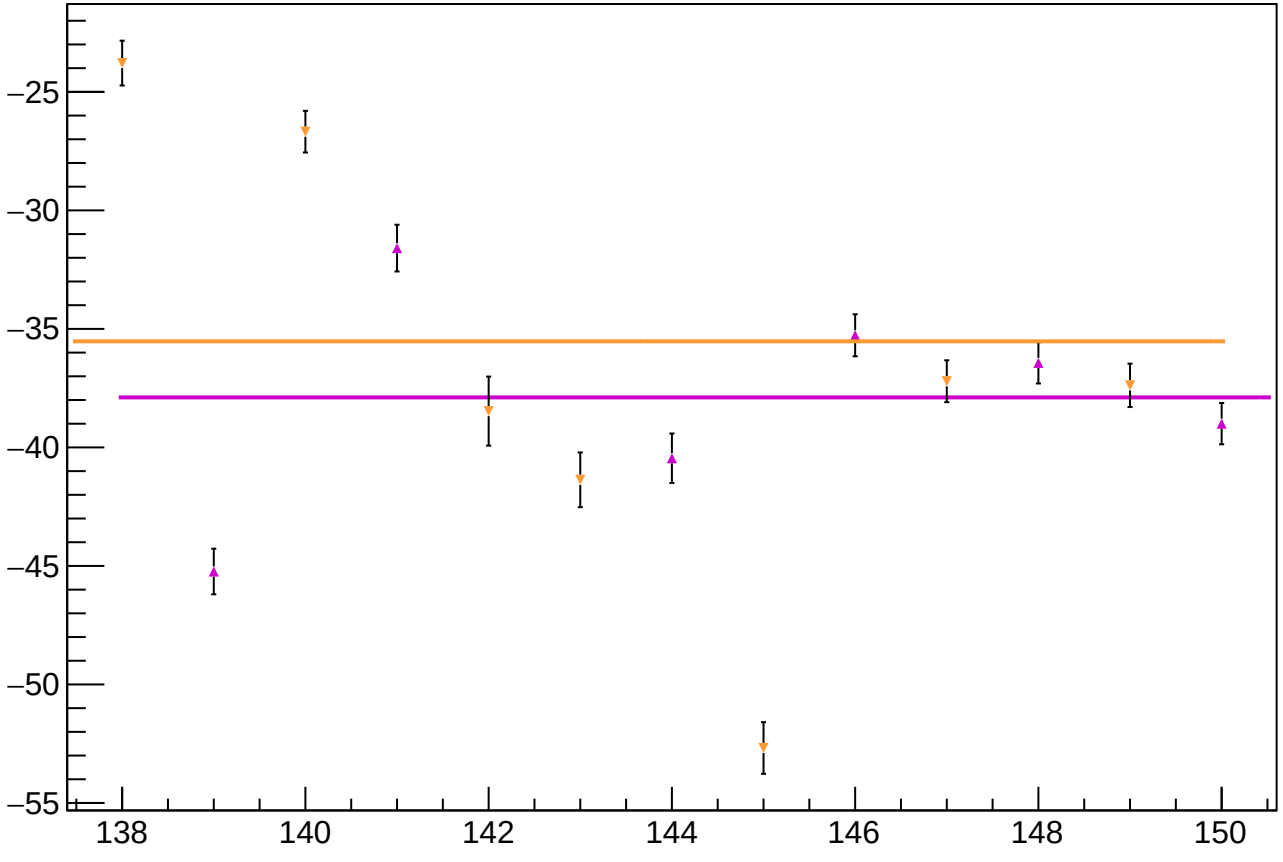
Left In: -21.168+/-0.016 χ^2/NDF:36934.3/5

+ sign -21.841+/-0.012 χ^2/NDF: 63460.3/23

All: -21.394+/-0.009 χ^2/NDF: 117246.6/48

- sign -20.963+/-0.012 χ^2/NDF: 51250.7/24

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.524+/-0.379 χ^2/NDF:540.8/6

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

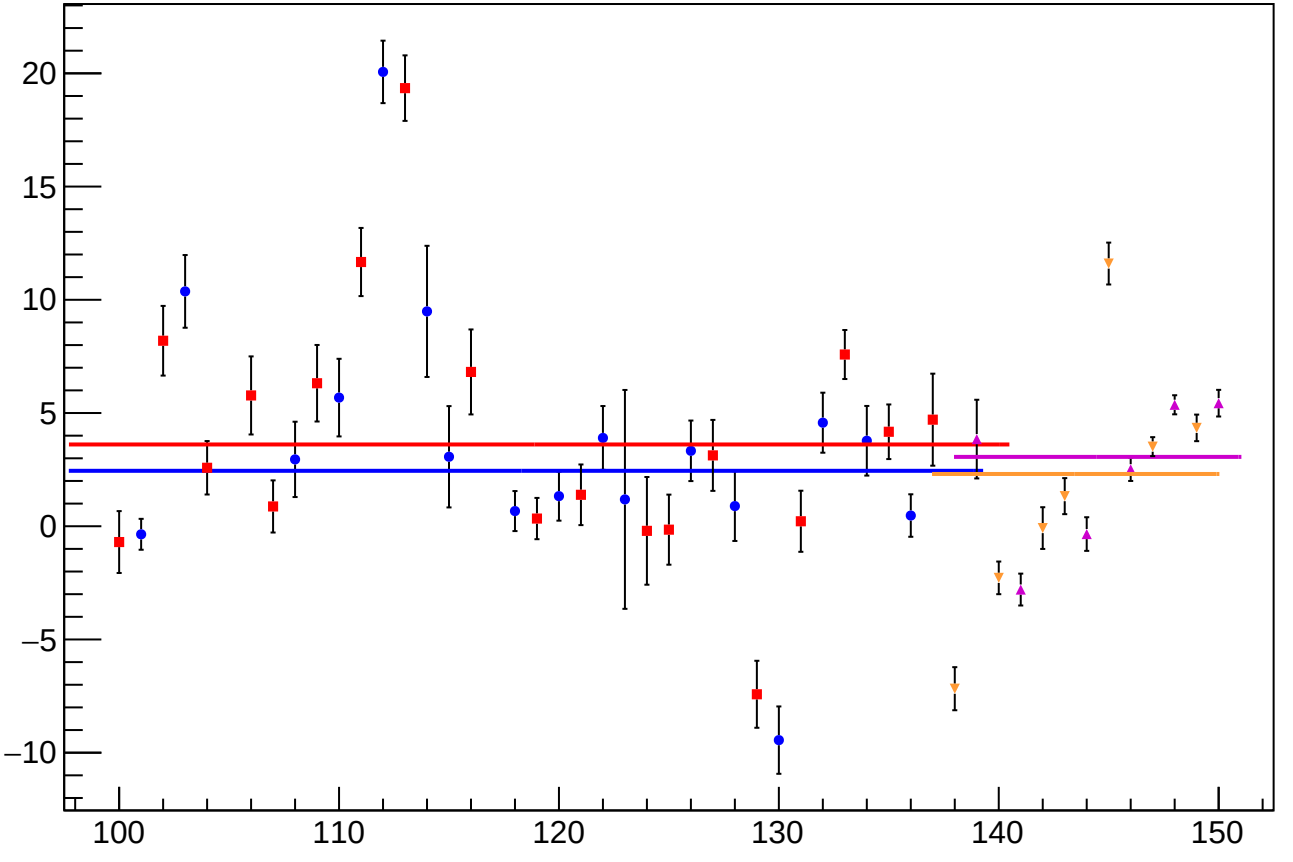
Left In: -37.889+/-0.379 χ^2/NDF:118.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.706+/-0.268 χ^2/NDF: 678.5/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: 2.308+/-0.253 χ^2/NDF:269.4/6

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

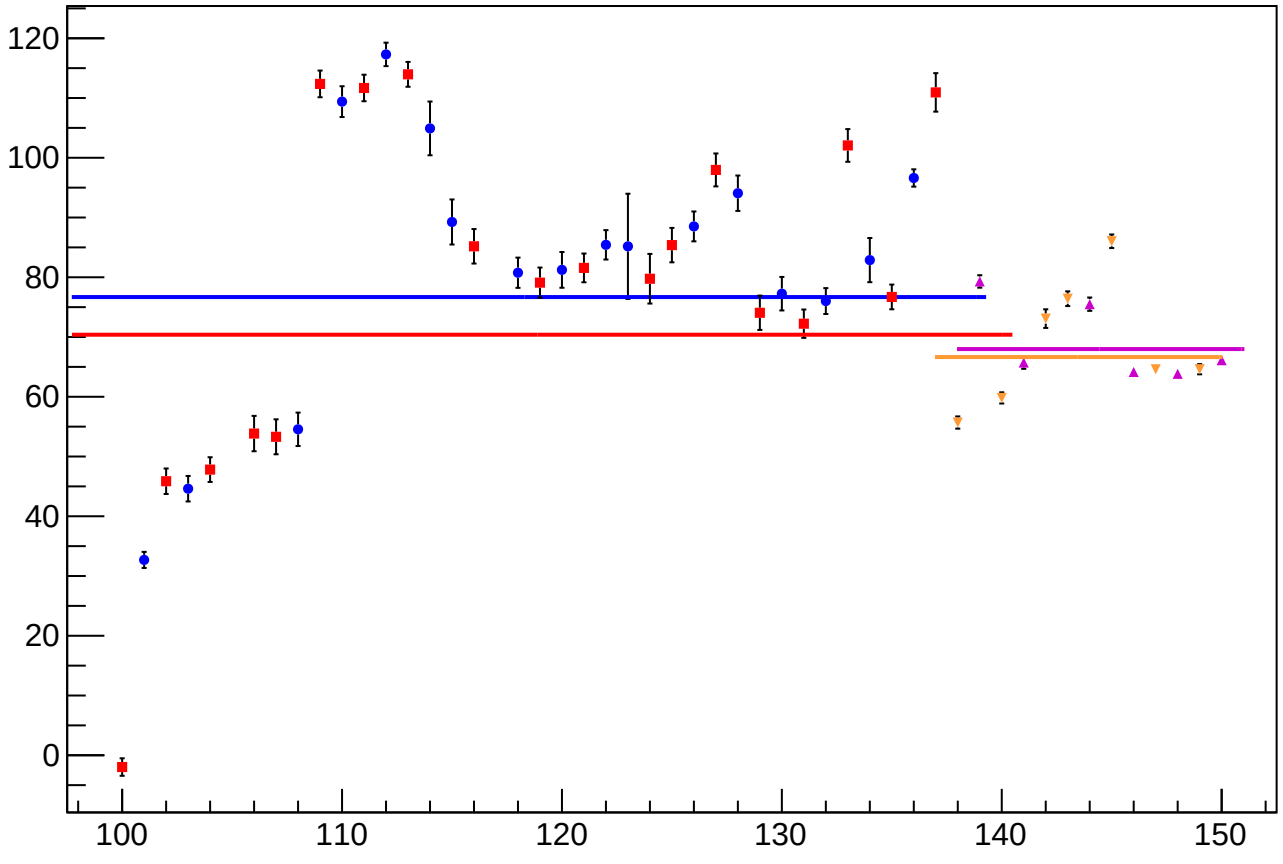
Left In: 3.063+/-0.247 χ^2/NDF:137.7/5

+ sign 2.364+/-0.197 χ^2/NDF: 562.9/23

All: 2.820+/-0.138 χ^2/NDF: 992.6/48

- sign 3.269+/-0.195 χ^2/NDF: 419.0/24

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 66.647+/-0.384 χ^2/NDF:549.5/6

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

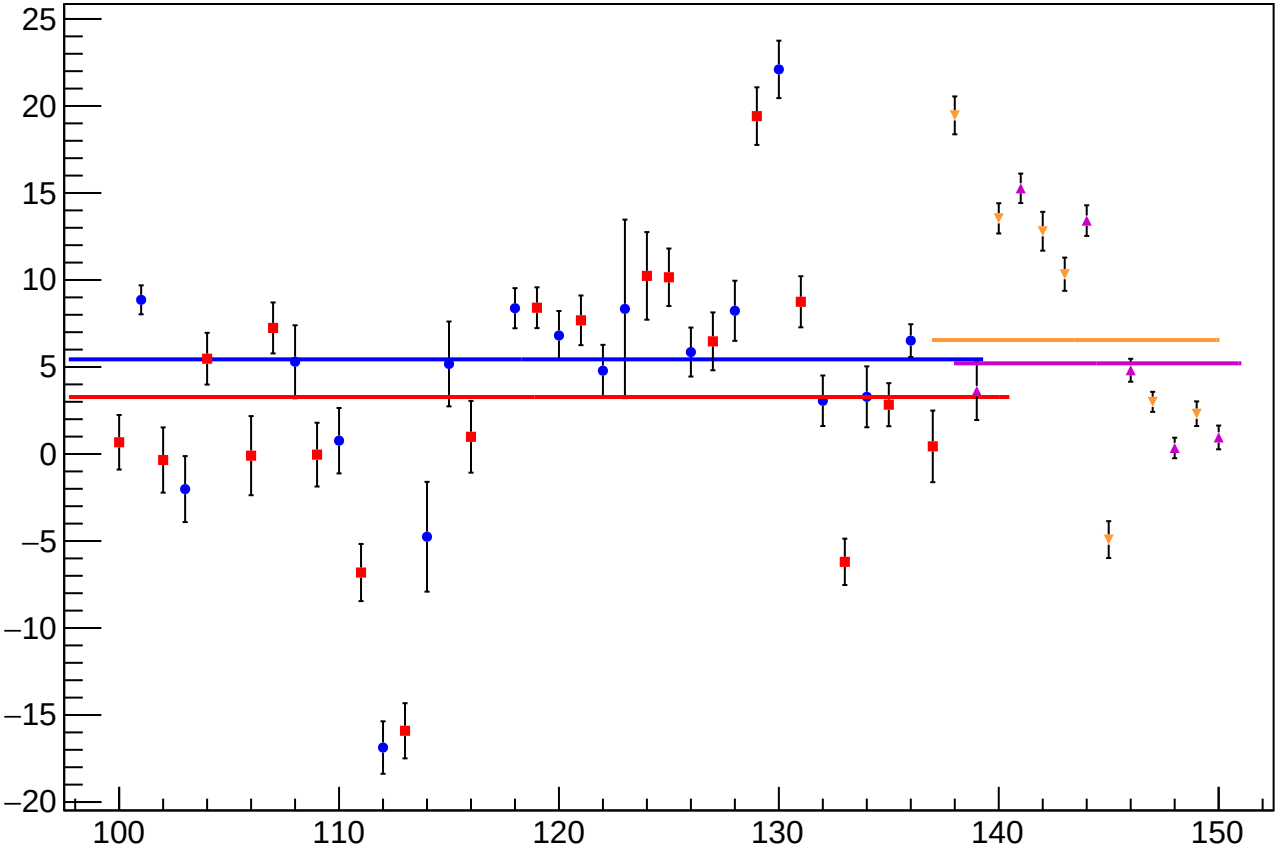
Left In: 67.983+/-0.377 χ^2/NDF:219.6/5

+ sign 69.757+/-0.319 χ^2/NDF: 3026.1/23

All: 69.240+/-0.223 χ^2/NDF: 7654.9/48

- sign 68.751+/-0.311 χ^2/NDF: 4623.8/24

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 6.548+/-0.317 χ^2/NDF:443.2/6

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

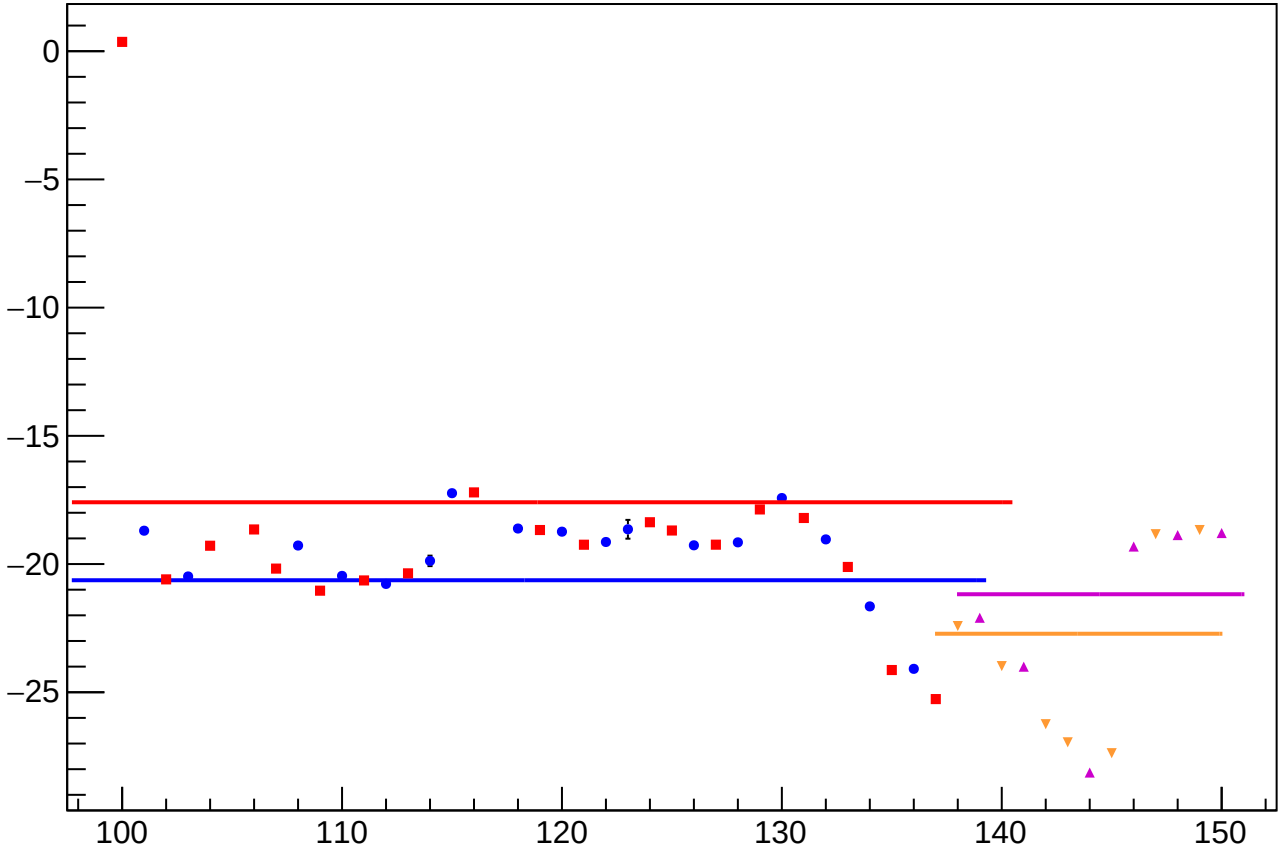
Left In: 5.210+/-0.311 χ^2/NDF:336.2/5

+ sign 6.060+/-0.237 χ^2/NDF: 834.6/23

All: 5.227+/-0.168 χ^2/NDF: 1637.4/48

- sign 4.398+/-0.237 χ^2/NDF: 778.2/24

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -22.718+/-0.016 χ^2/NDF:44089.3/6

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

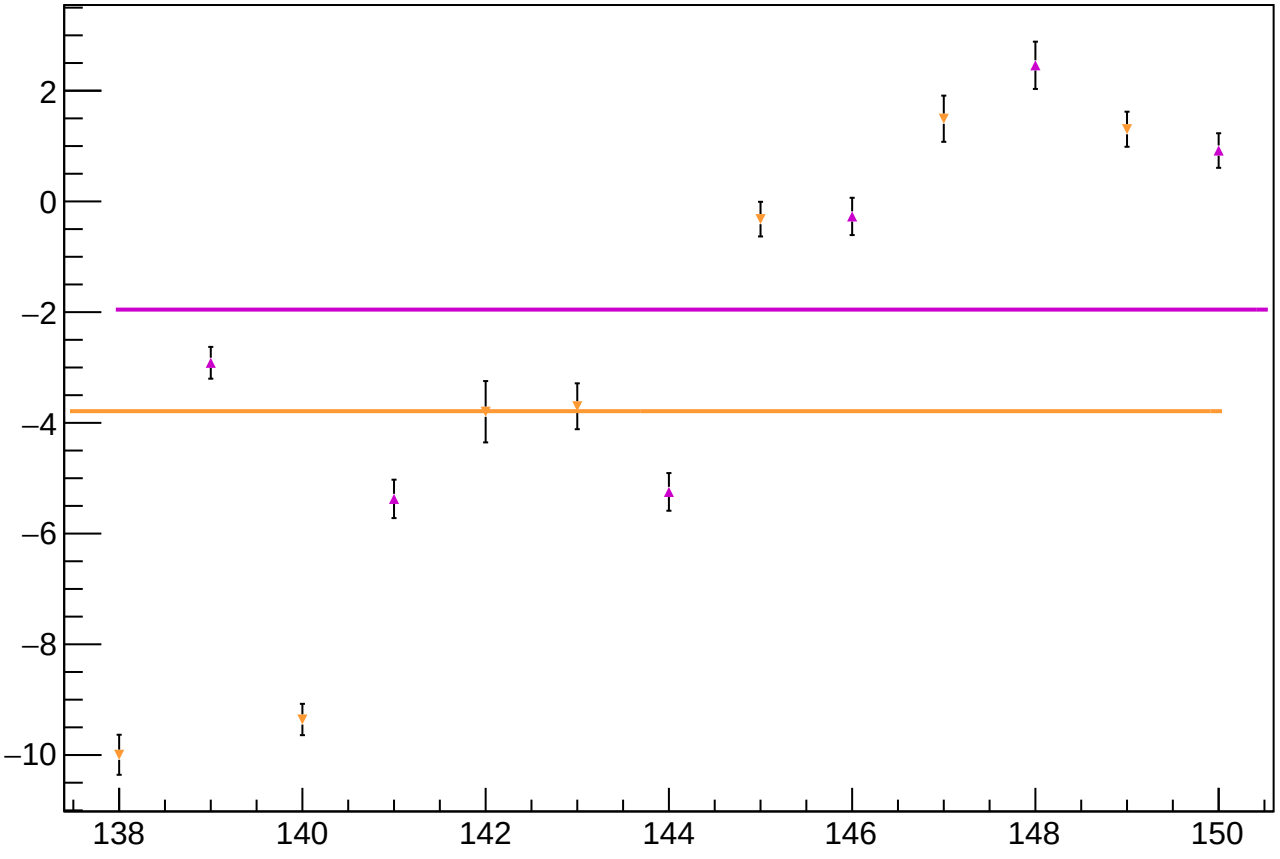
Left In: -21.177+/-0.016 χ^2/NDF:36908.3/5

+ sign -21.848+/-0.012 χ^2/NDF: 63439.1/23

All: -20.681+/-0.009 χ^2/NDF: 318222.1/48

- sign -19.629+/-0.012 χ^2/NDF: 238114.0/24

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -3.789+/-0.135 χ^2/NDF:1223.5/6

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

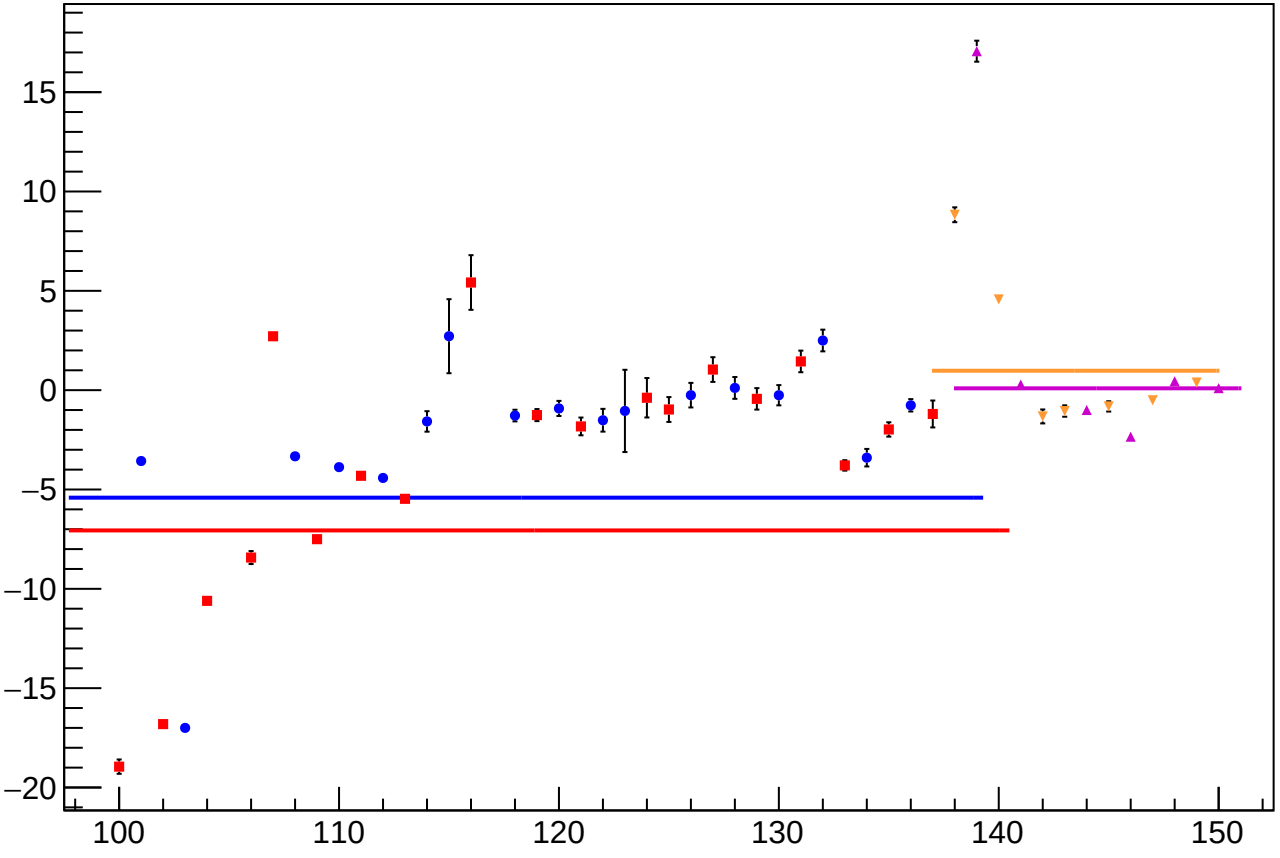
Left In: -1.954+/-0.137 χ^2/NDF:418.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.884+/-0.096 χ^2/NDF: 1733.5/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411+/-0.055 χ^2/NDF: 9261.2/16

Left Out: 0.978+/-0.096 χ^2/NDF:877.0/6

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

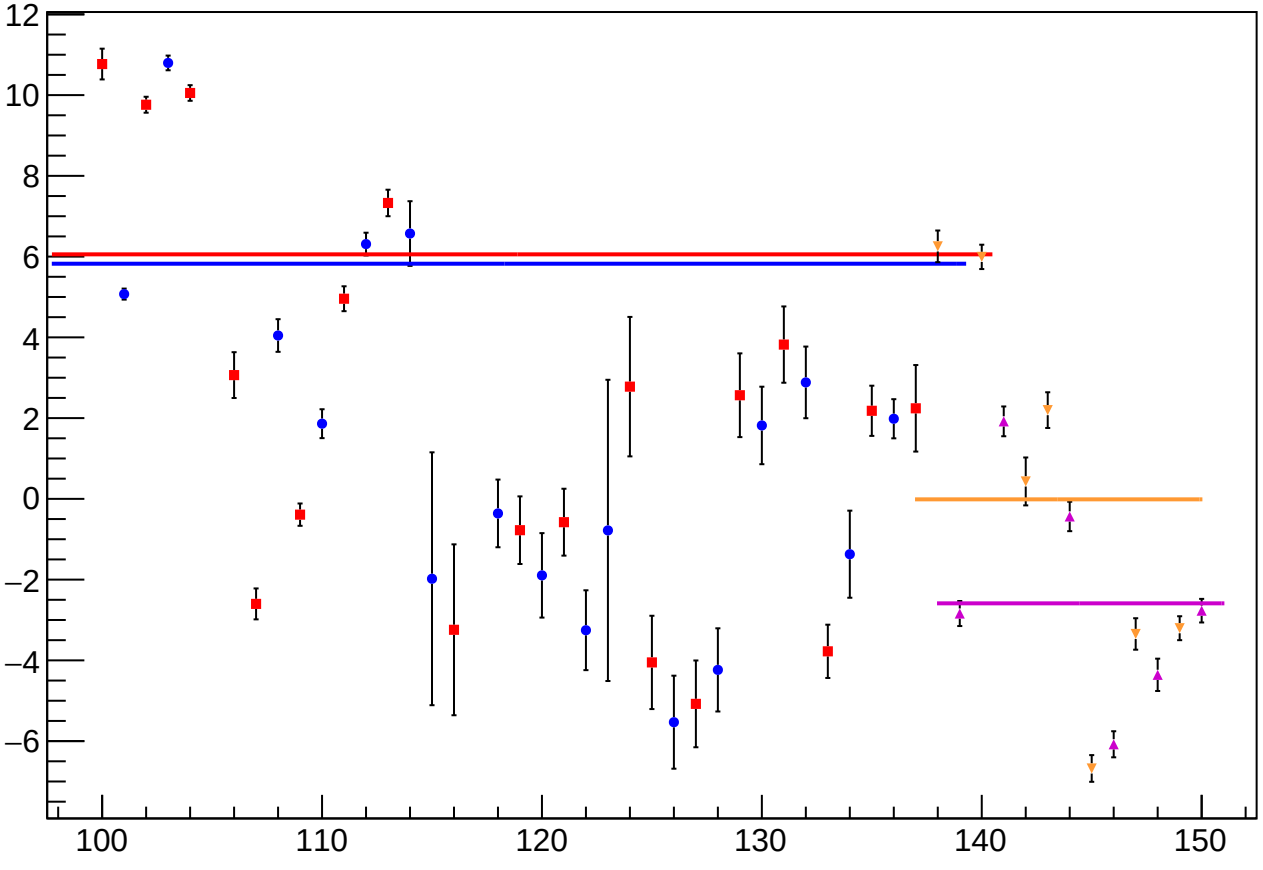
Left In: 0.093+/-0.098 χ^2/NDF:1182.4/5

+ sign -3.839+/-0.048 χ^2/NDF: 13490.1/23

All: -4.462+/-0.035 χ^2/NDF: 31250.1/48

- sign -5.169+/-0.051 χ^2/NDF: 17393.5/24

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: -0.012+/-0.138 χ^2/NDF:1273.1/6

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

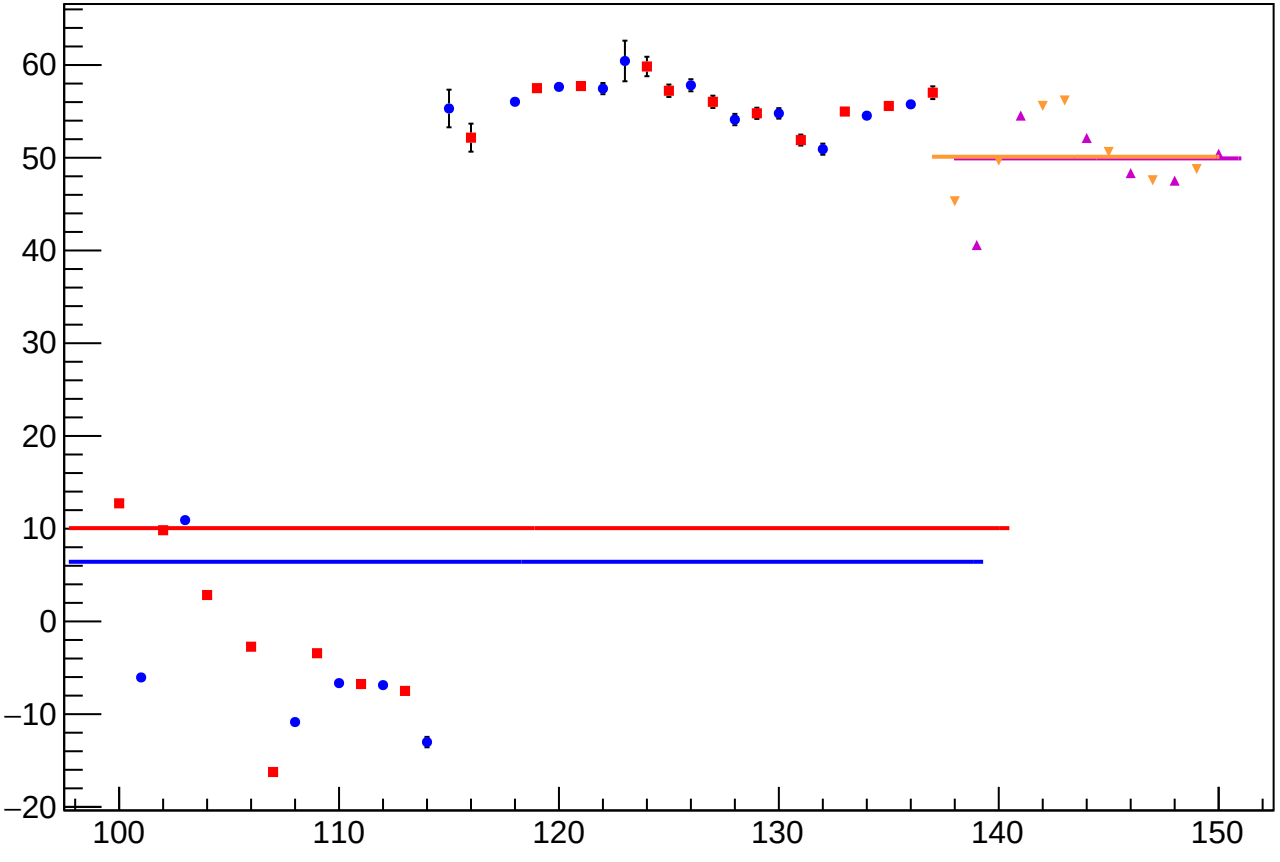
Left In: -2.588+/-0.138 χ^2/NDF:321.6/5

+ sign 4.092+/-0.075 χ^2/NDF: 3985.0/23

All: 3.723+/-0.054 χ^2/NDF: 9728.7/48

- sign 3.333+/-0.077 χ^2/NDF: 5693.9/24

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 50.110+/-0.117 χ^2/NDF:725.6/6

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

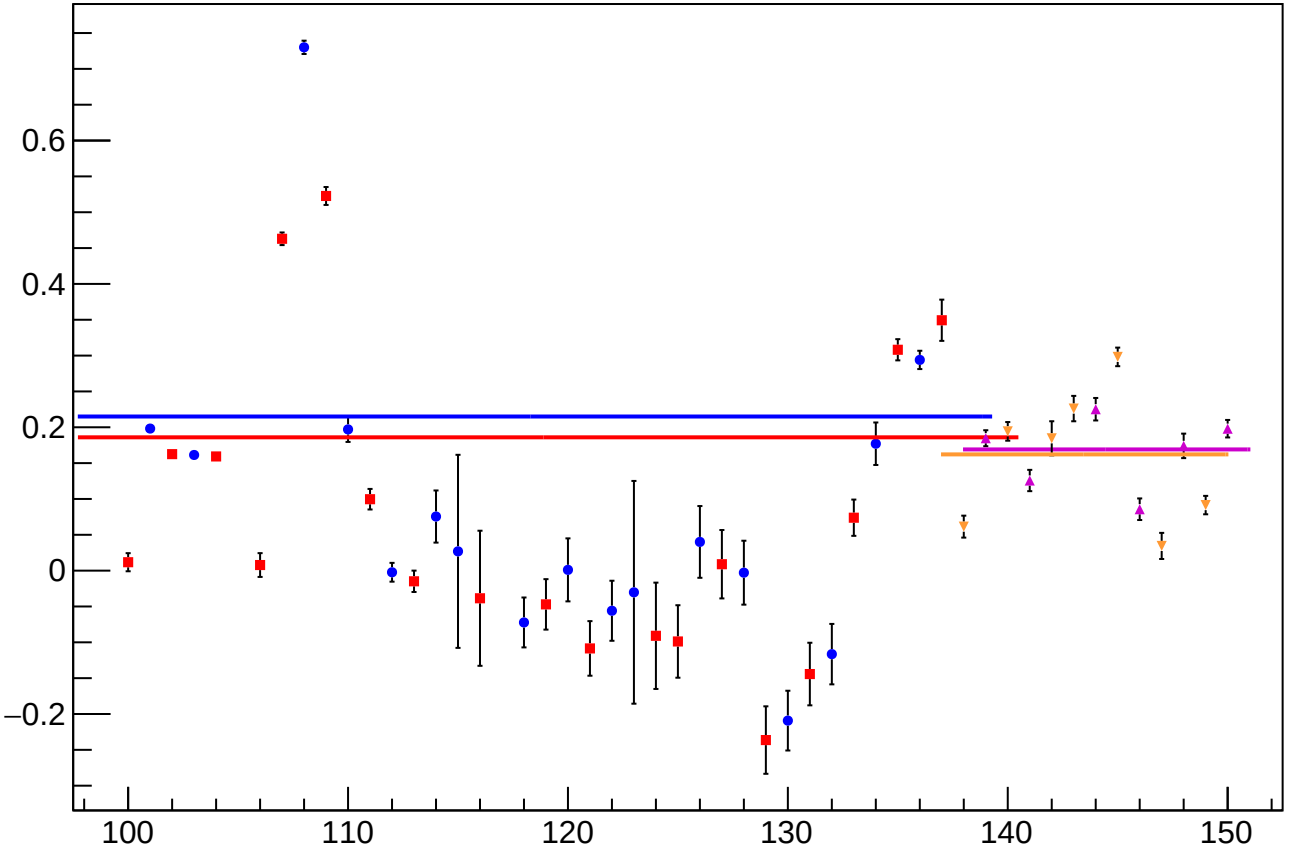
Left In: 49.930+/-0.120 χ^2/NDF:740.3/5

+ sign 16.659+/-0.057 χ^2/NDF: 230919.8/23

All: 18.296+/-0.041 χ^2/NDF: 437968.4/48

- sign 20.150+/-0.060 χ^2/NDF: 205266.0/24

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.162+/-0.006 χ^2/NDF:252.9/6

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

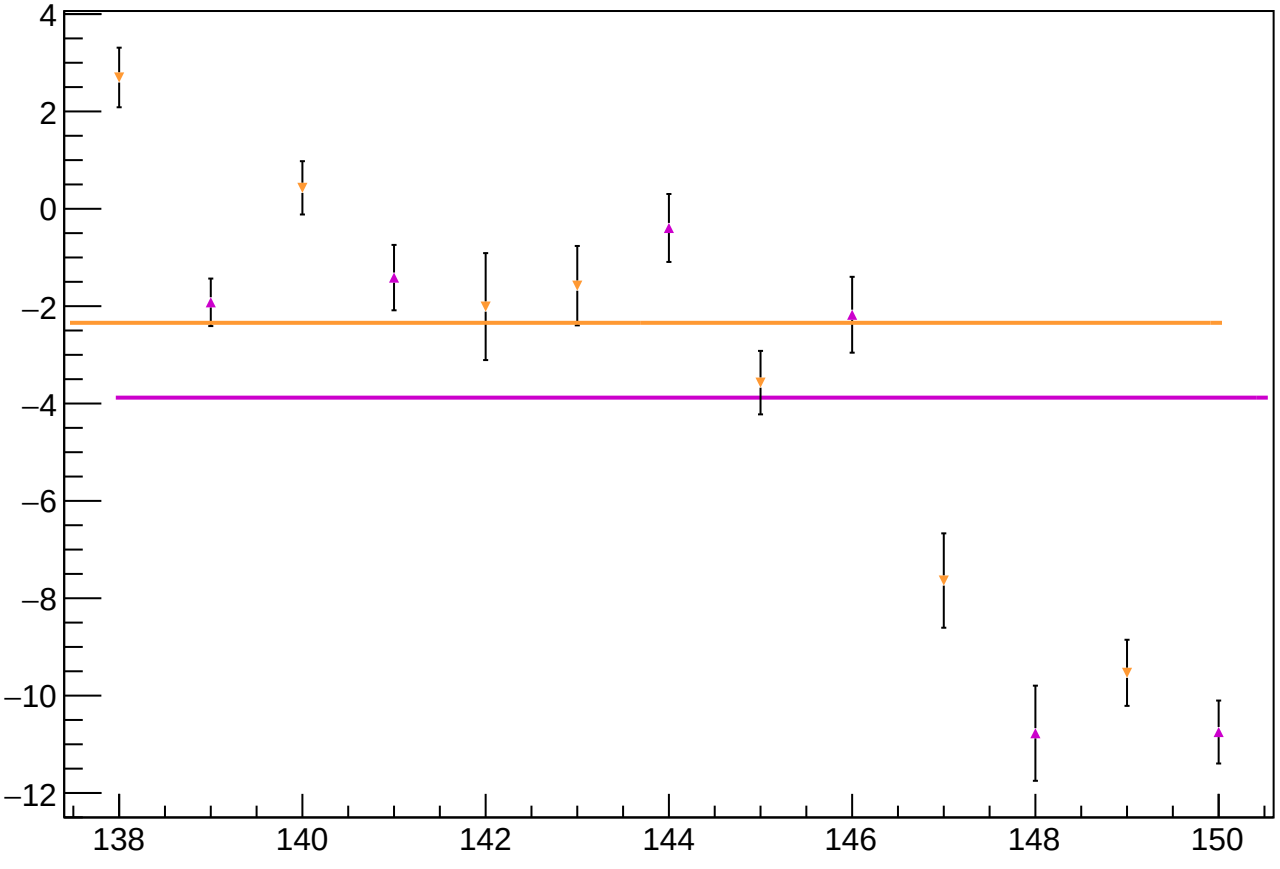
Left In: 0.169+/-0.006 χ^2/NDF:59.7/5

+ sign 0.205+/-0.002 χ^2/NDF: 4251.4/23

All: 0.194+/-0.002 χ^2/NDF: 7079.4/48

- sign 0.183+/-0.002 χ^2/NDF: 2787.2/24

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -2.342+/-0.268 χ^2/NDF:239.9/6

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

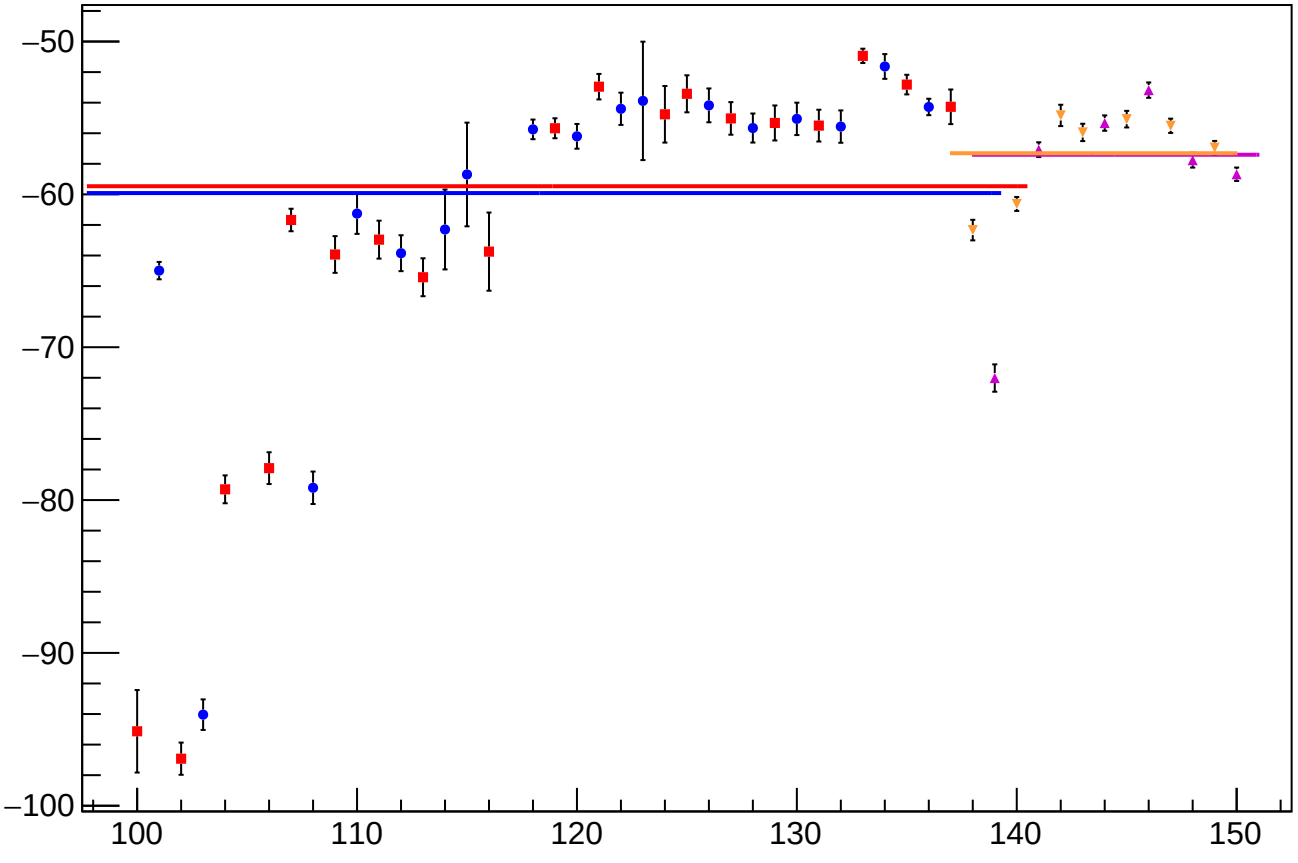
Left In: -3.879+/-0.272 χ^2/NDF:222.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.100+/-0.191 χ^2/NDF: 478.1/12

- 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: -57.309+/-0.199 χ^2/NDF:159.0/6

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

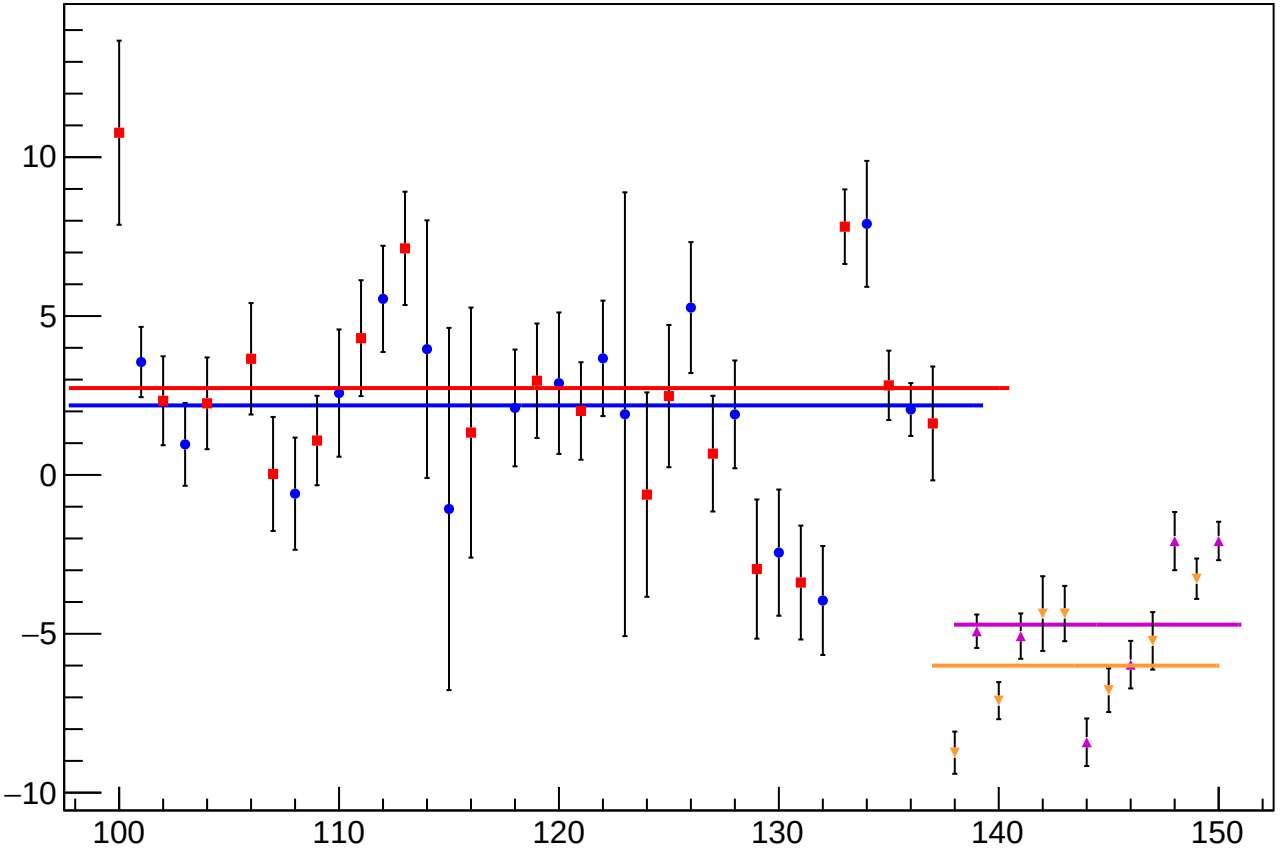
Left In: -57.407+/-0.209 χ^2/NDF:363.6/5

+ sign -58.464+/-0.148 χ^2/NDF: 2214.5/23

All: -58.443+/-0.105 χ^2/NDF: 5538.7/48

- sign -58.423+/-0.149 χ^2/NDF: 3324.1/24

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -6.002+/-0.277 χ^2/NDF:46.6/6

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

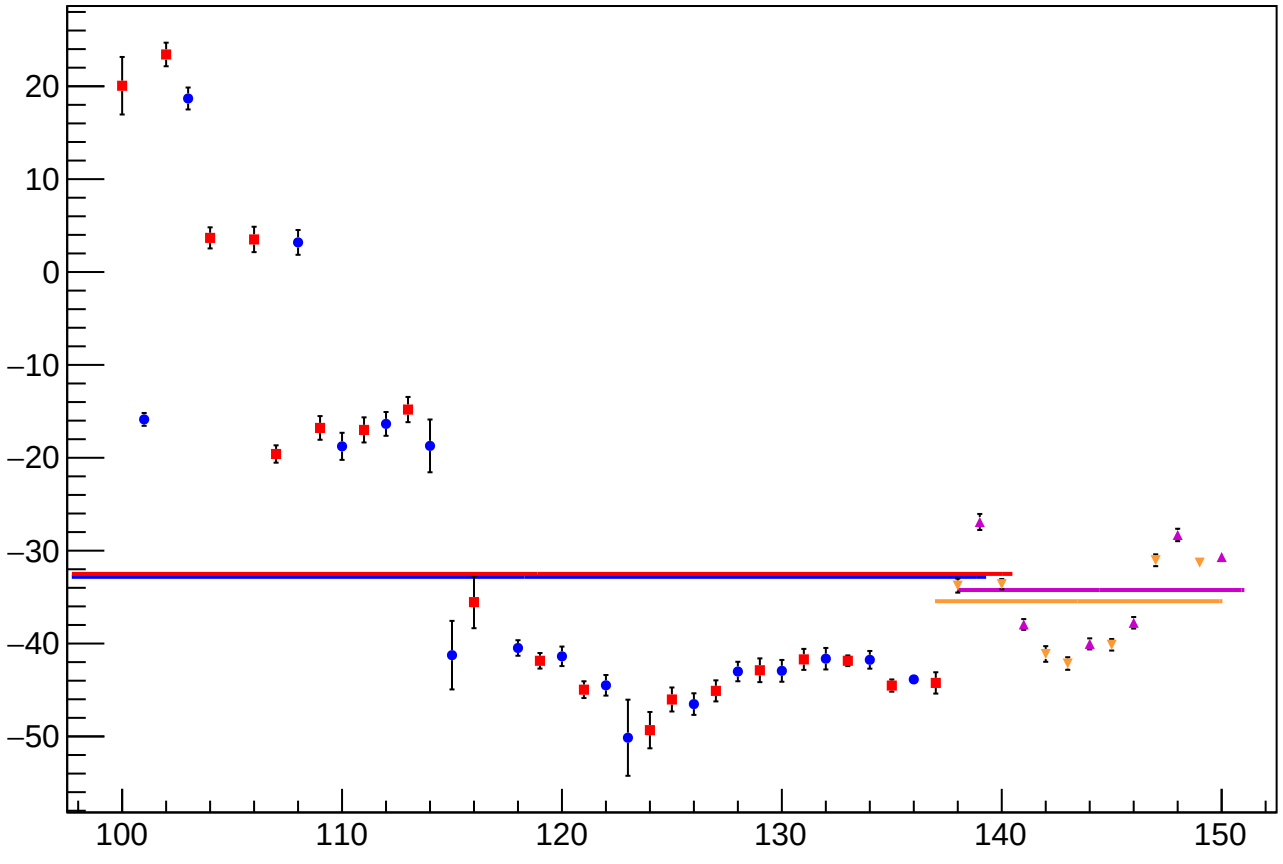
Left In: -4.712+/-0.277 χ^2/NDF:54.9/5

+ sign -3.387+/-0.228 χ^2/NDF: 365.3/23

All: -2.785+/-0.160 χ^2/NDF: 737.3/48

- sign -2.200+/-0.225 χ^2/NDF: 358.3/24

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -35.442+/-0.241 χ^2/NDF:325.6/6

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

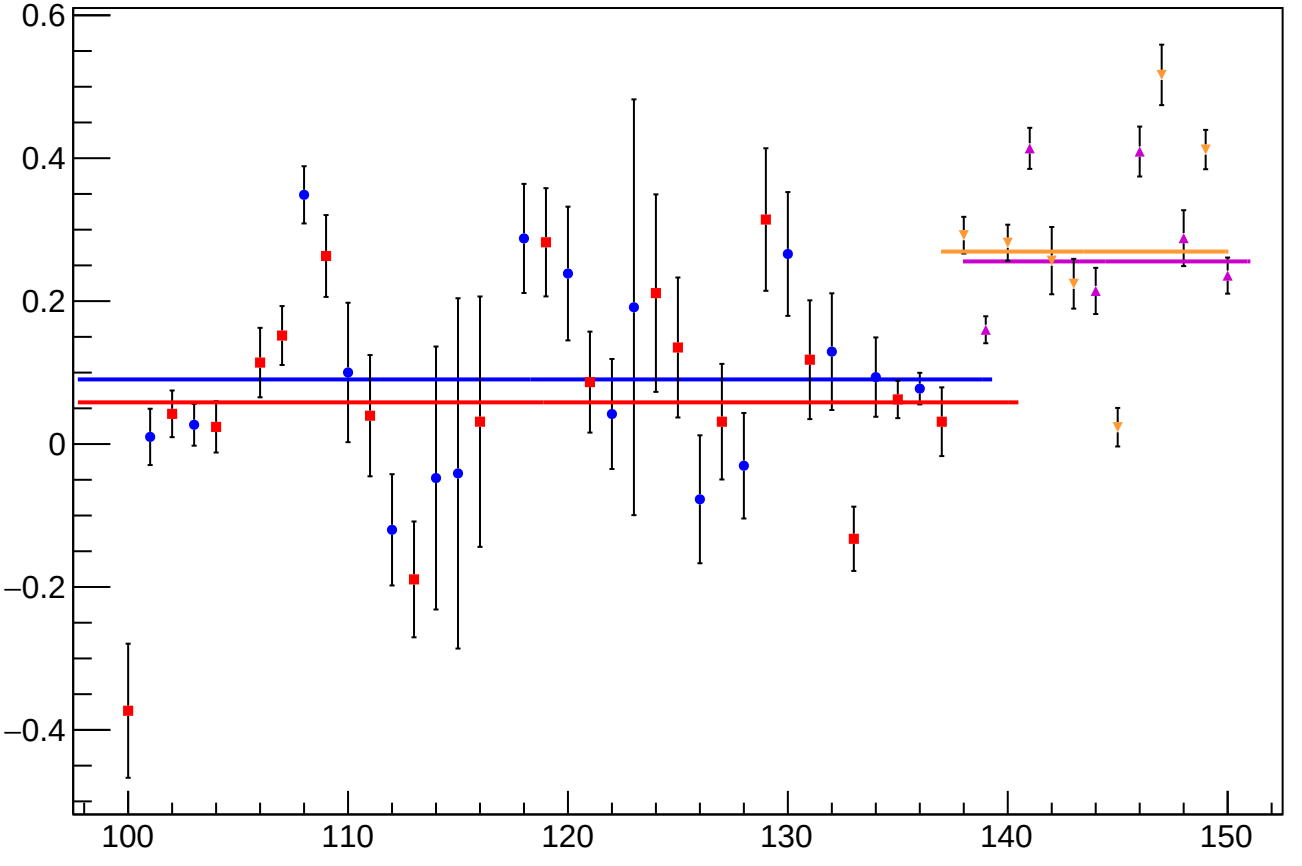
Left In: -34.237+/-0.251 χ^2/NDF:368.0/5

+ sign -34.201+/-0.175 χ^2/NDF: 5048.5/23

All: -33.773+/-0.124 χ^2/NDF: 11491.0/48

- sign -33.344+/-0.175 χ^2/NDF: 6430.5/24

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.269+/-0.011 χ^2/NDF:146.9/6

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

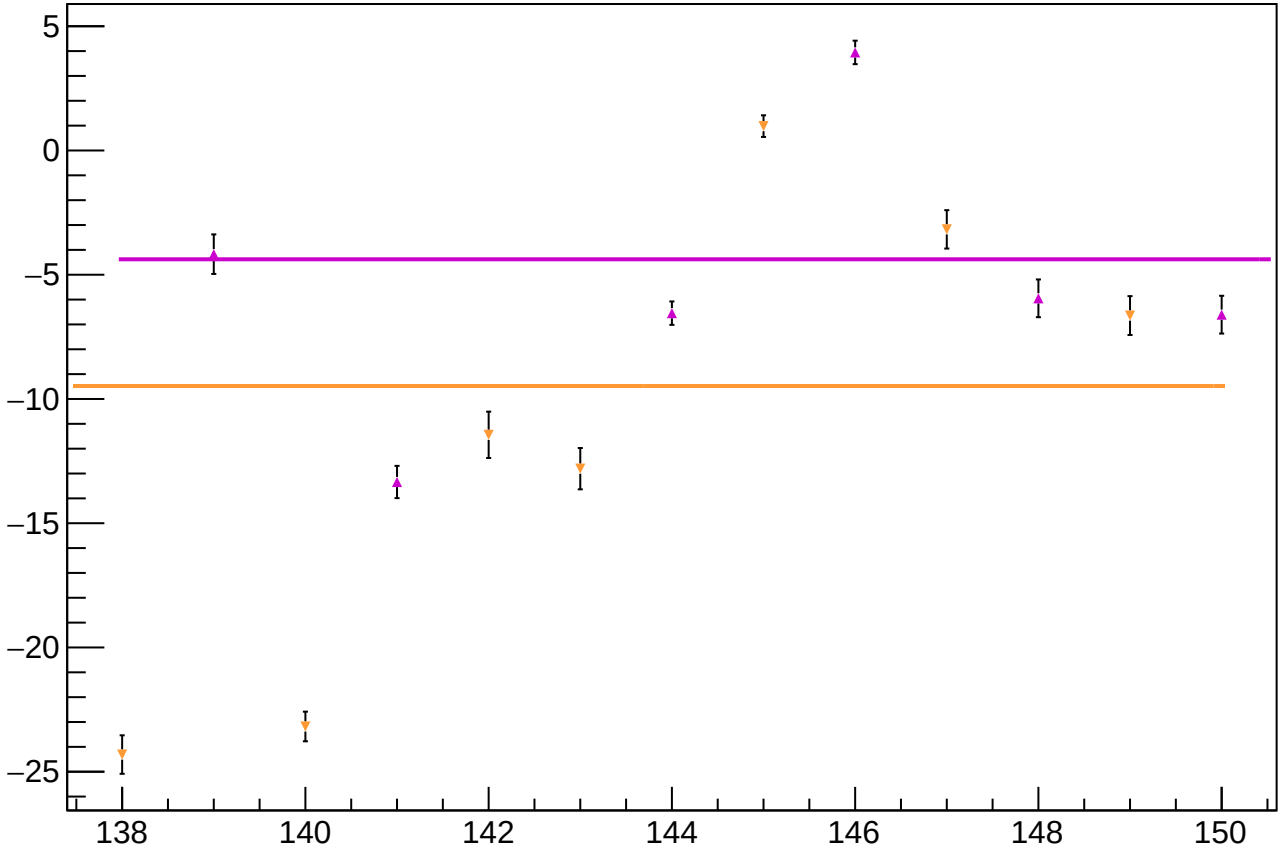
Left In: 0.256+/-0.011 χ^2/NDF:78.3/5

+ sign 0.189+/-0.009 χ^2/NDF: 335.3/23

All: 0.177+/-0.006 χ^2/NDF: 648.0/48

- sign 0.165+/-0.008 χ^2/NDF: 308.5/24

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.479+/-0.253 χ^2/NDF:1569.3/6

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

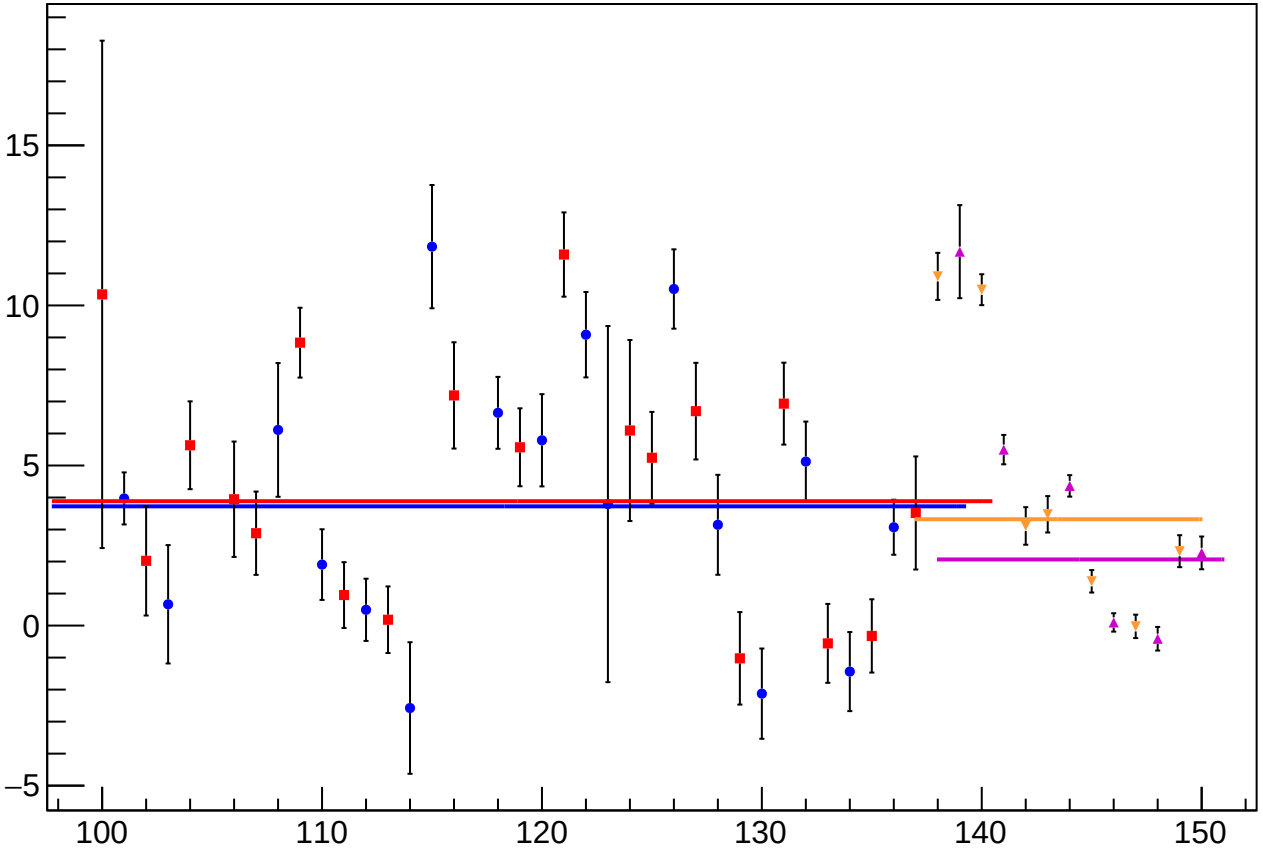
Left In: -4.379+/-0.247 χ^2/NDF:535.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.869+/-0.177 χ^2/NDF: 2312.5/12

- 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: 3.321+/-0.177 χ^2/NDF:445.9/6

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

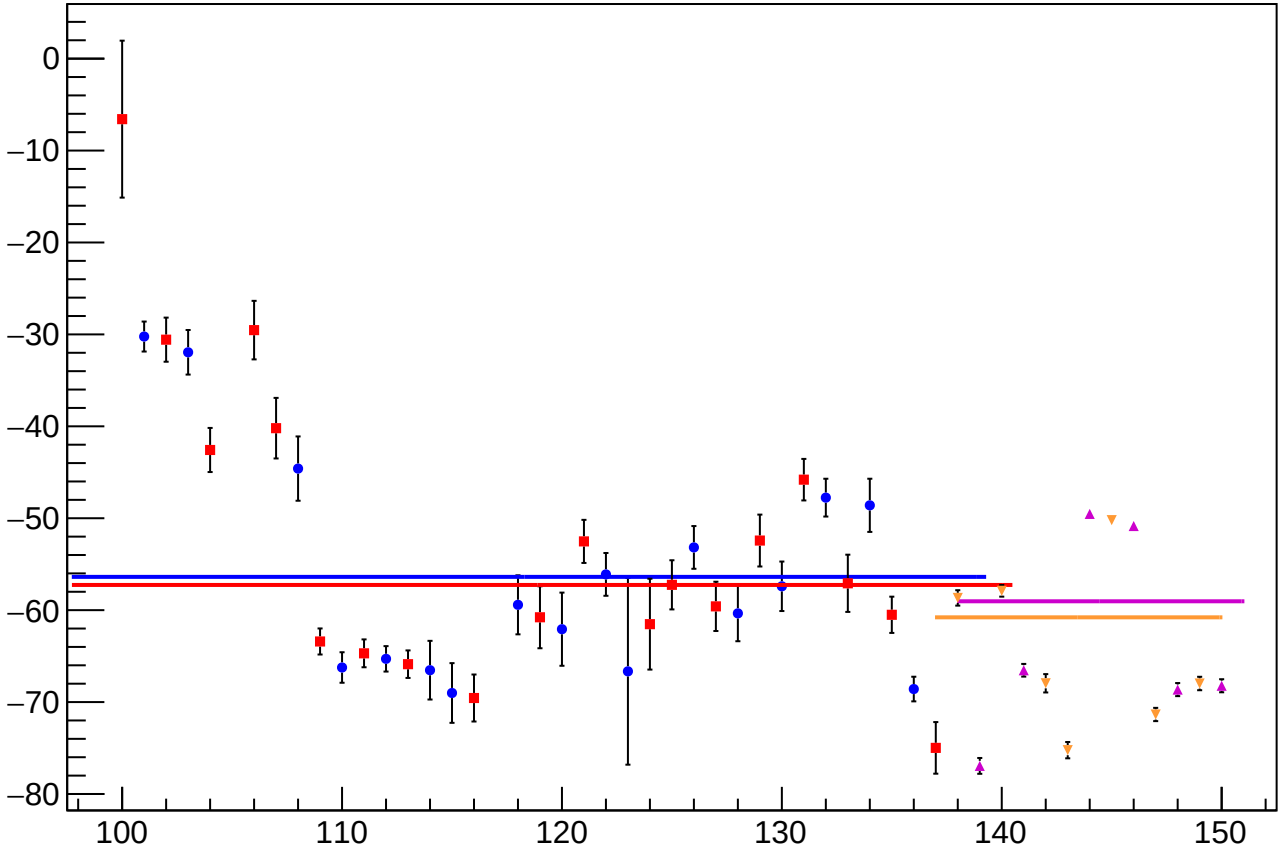
Left In: 2.066+/-0.163 χ^2/NDF:238.8/5

+ sign 3.422+/-0.154 χ^2/NDF: 583.9/23

All: 2.907+/-0.106 χ^2/NDF: 1004.3/48

- sign 2.449+/-0.145 χ^2/NDF: 399.3/24

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -60.781+/-0.262 χ^2/NDF:1174.8/6

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

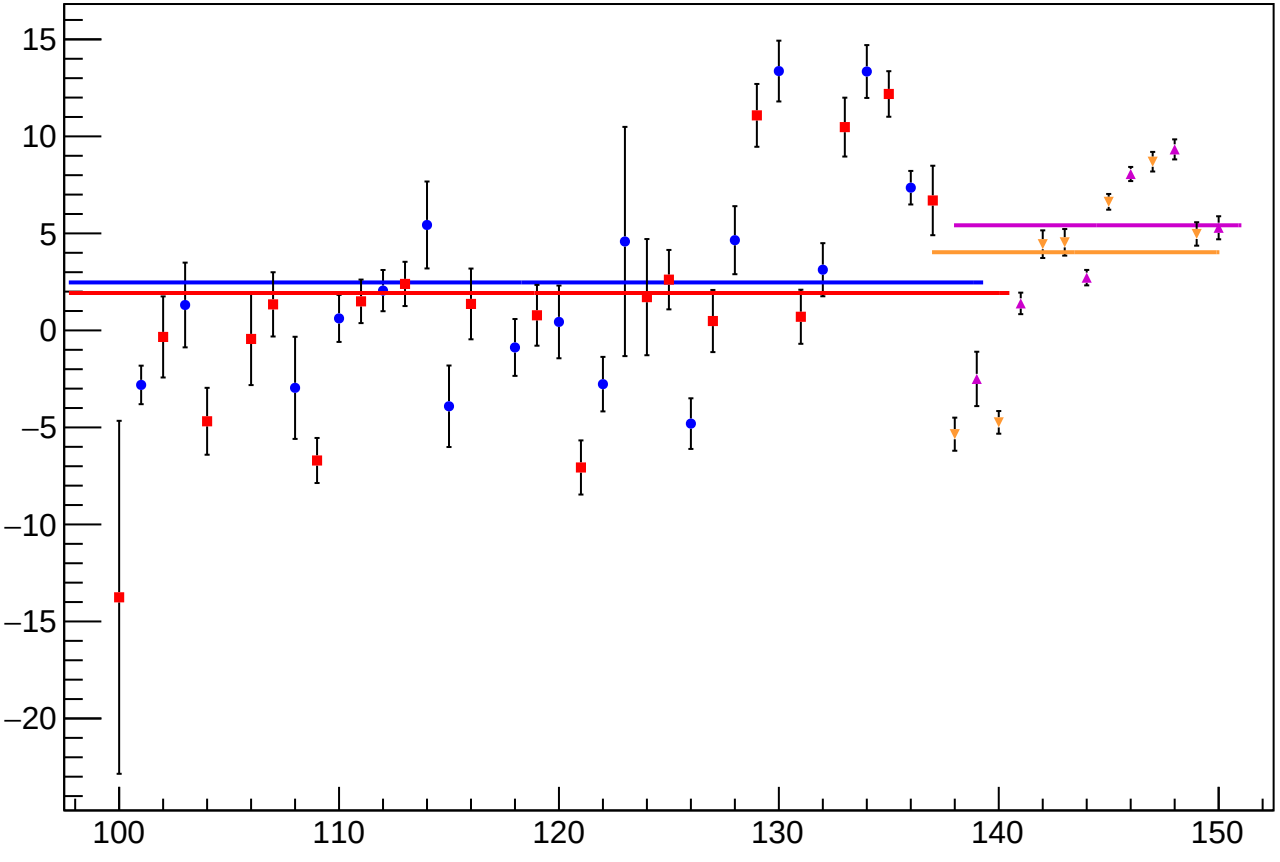
Left In: -59.035+/-0.249 χ^2/NDF:1580.4/5

+ sign -59.949+/-0.236 χ^2/NDF: 1815.7/23

All: -59.308+/-0.163 χ^2/NDF: 3895.4/48

- sign -58.721+/-0.226 χ^2/NDF: 2065.5/24

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 4.029+/-0.217 χ^2/NDF:476.0/6

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

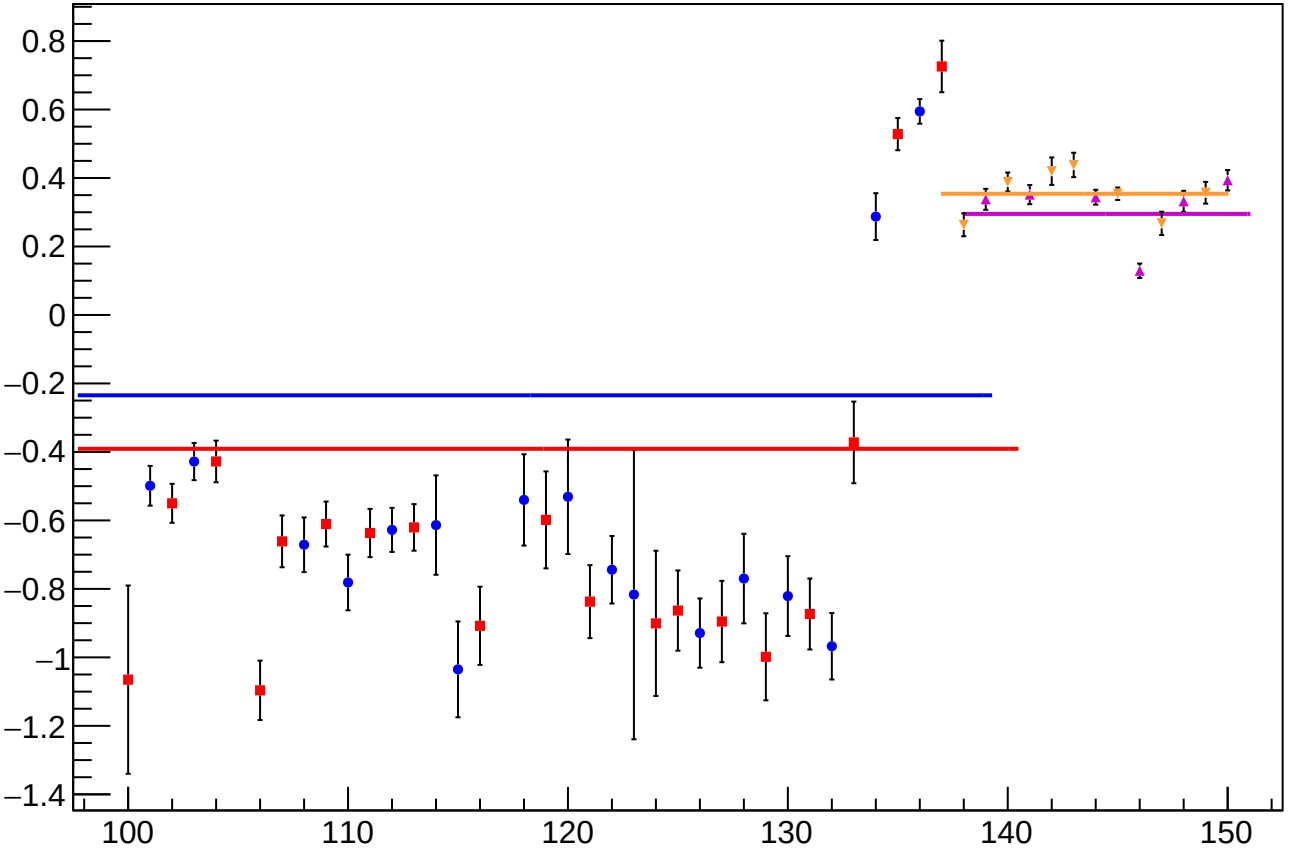
Left In: 5.418+/-0.203 χ^2/NDF:240.6/5

+ sign 3.588+/-0.184 χ^2/NDF: 734.1/23

All: 4.092+/-0.127 χ^2/NDF: 1328.5/48

- sign 4.555+/-0.176 χ^2/NDF: 580.0/24

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.354+/-0.011 χ^2/NDF:23.6/6

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

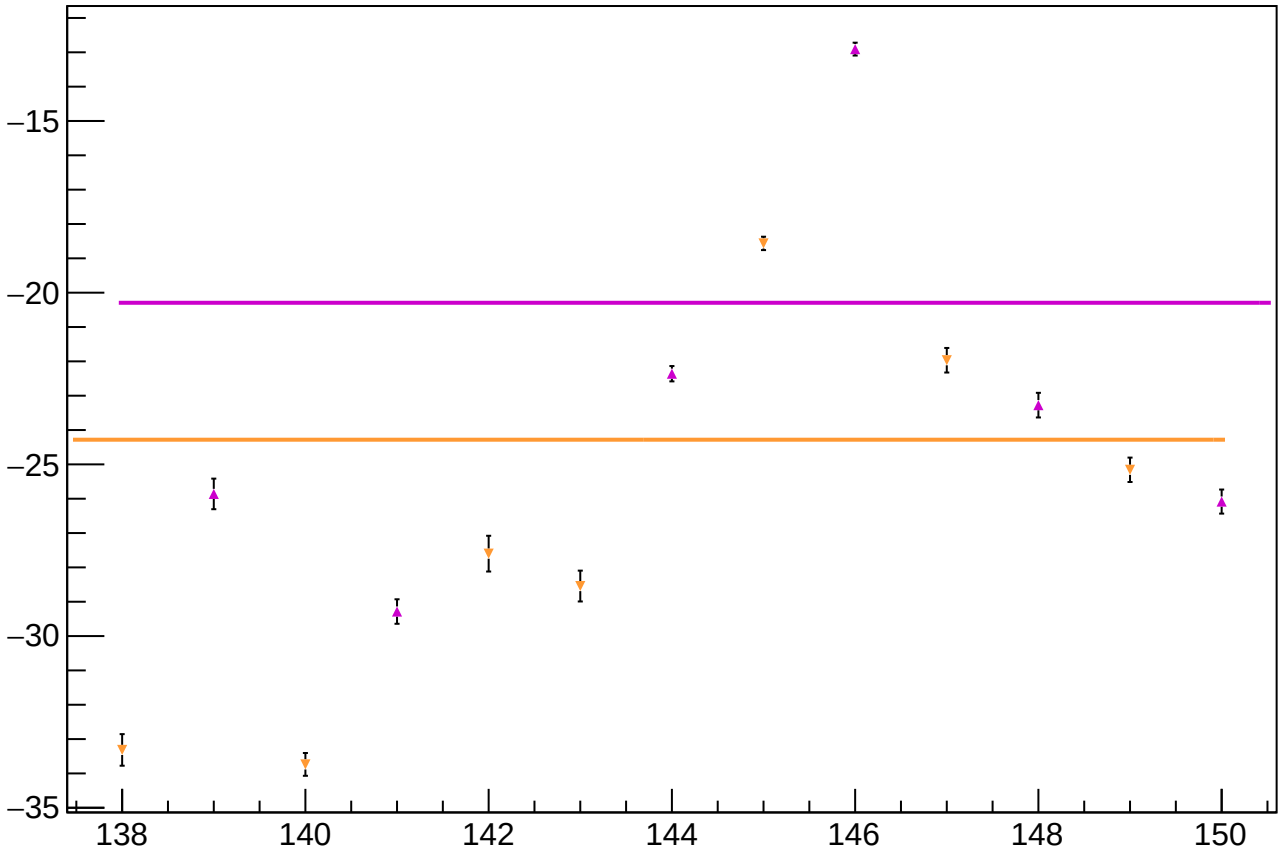
Left In: 0.295+/-0.011 χ^2/NDF:84.9/5

+ sign 0.208+/-0.009 χ^2/NDF: 1712.6/23

All: 0.169+/-0.007 χ^2/NDF: 3681.2/48

- sign 0.132+/-0.009 χ^2/NDF: 1935.5/24

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -24.282+/-0.124 χ^2/NDF:2236.7/6

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

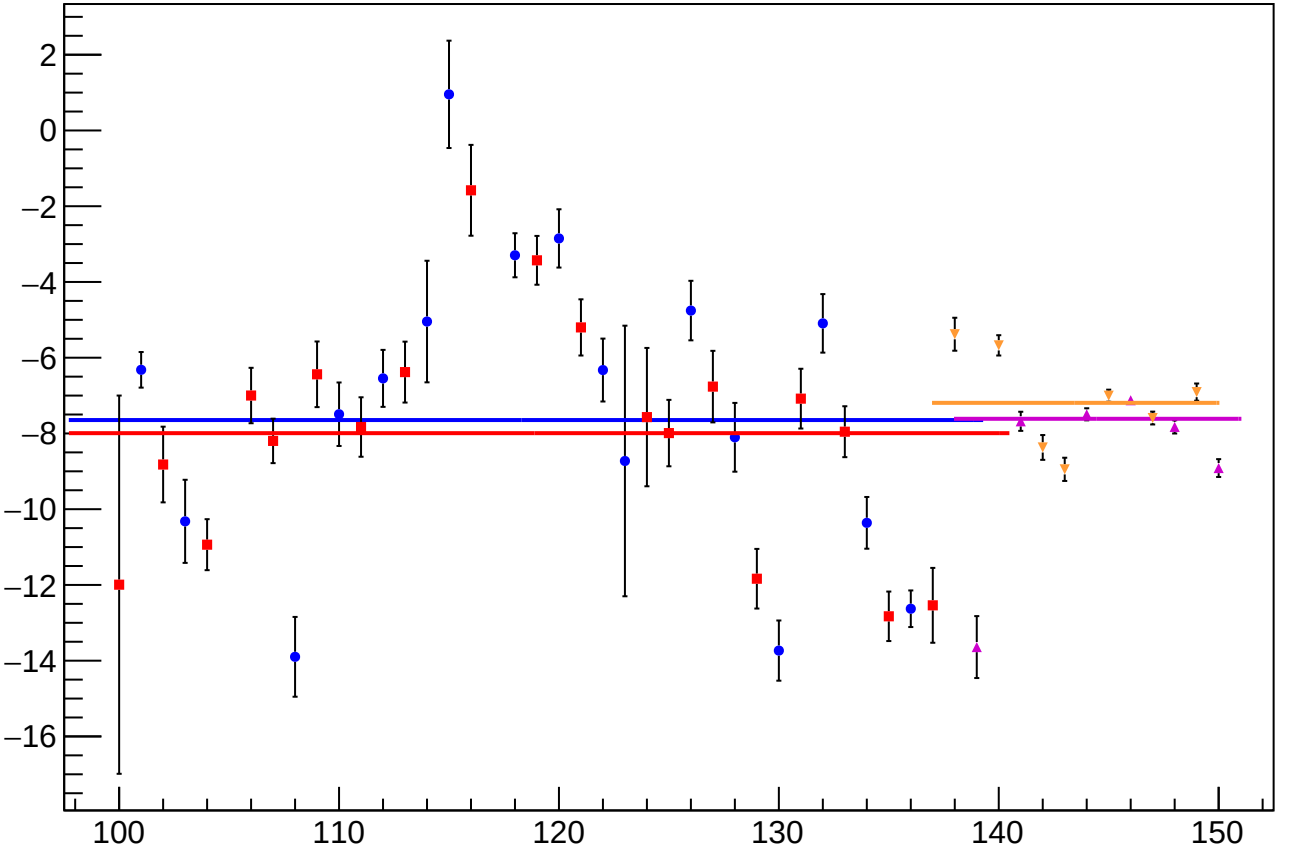
Left In: -20.294+/-0.114 χ^2/NDF:2772.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -22.108+/-0.084 χ^2/NDF: 5568.2/12

- 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: -7.192+/-0.087 χ^2/NDF:103.7/6

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

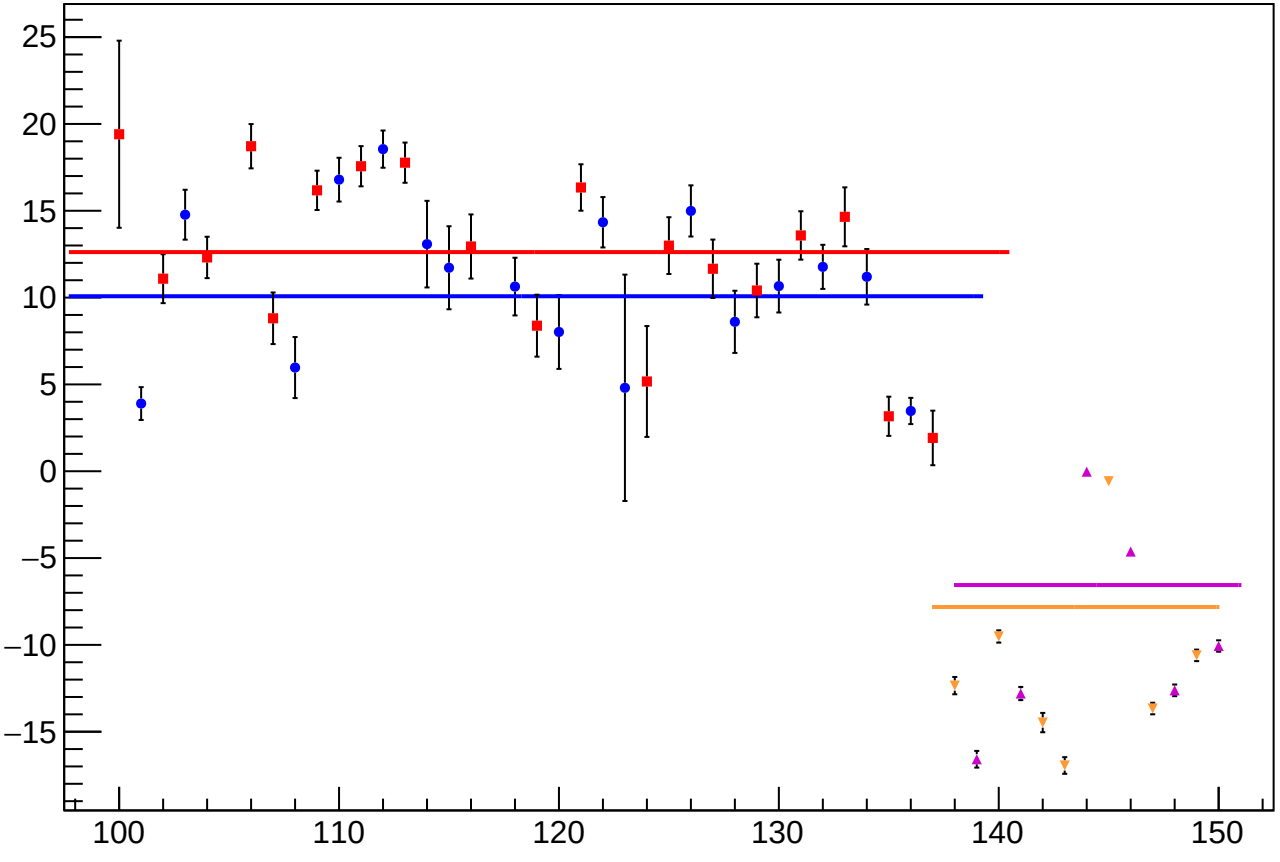
Left In: -7.613+/-0.074 χ^2/NDF:104.6/5

+ sign -7.273+/-0.079 χ^2/NDF: 502.2/23

All: -7.495+/-0.052 χ^2/NDF: 849.9/48

- sign -7.666+/-0.069 χ^2/NDF: 333.6/24

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -7.819+/-0.128 χ^2/NDF:2223.4/6

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

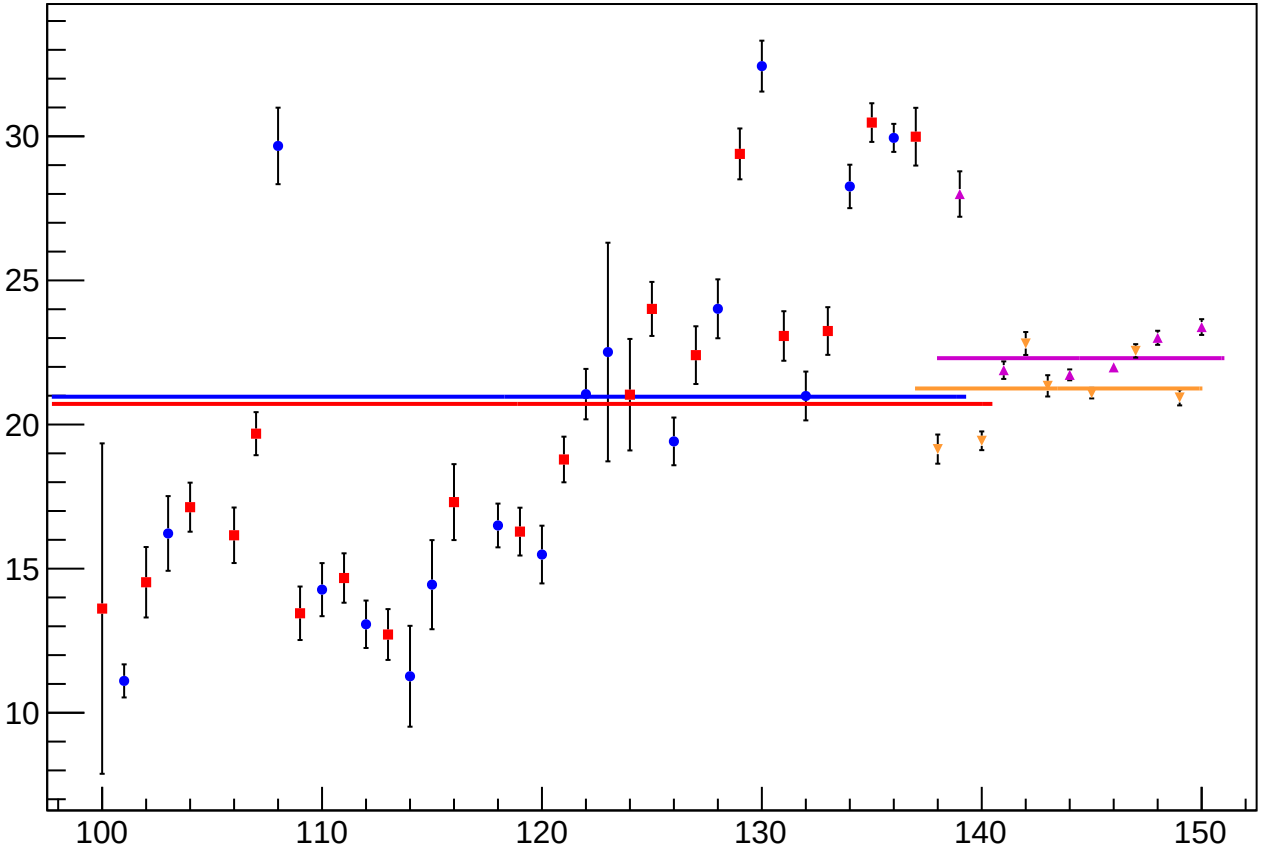
Left In: -6.554+/-0.113 χ^2/NDF:2003.6/5

+ sign -5.565+/-0.120 χ^2/NDF: 4944.4/23

All: -5.005+/-0.080 χ^2/NDF: 10187.1/48

- sign -4.552+/-0.107 χ^2/NDF: 5202.9/24

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 21.251+/-0.106 χ^2/NDF:97.2/6

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

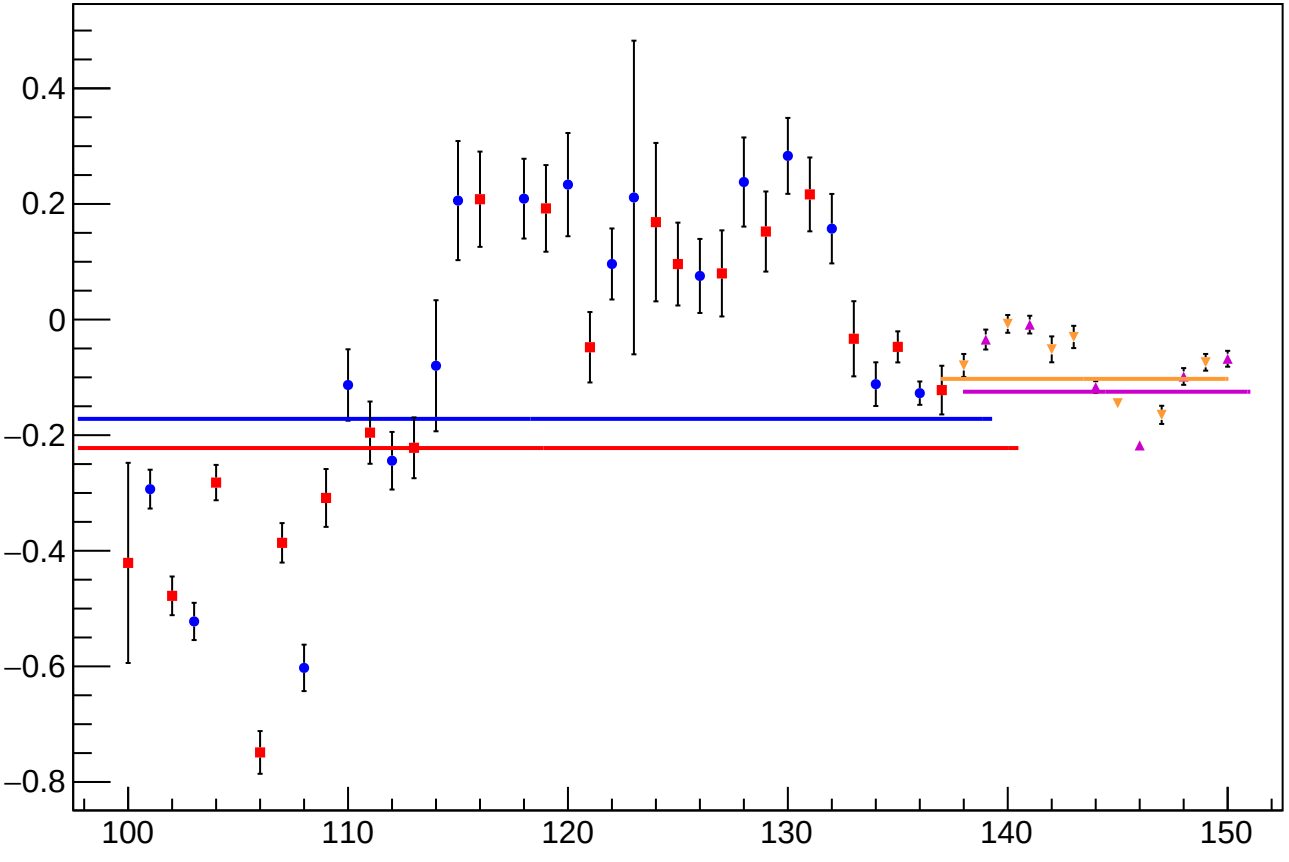
Left In: 22.302+/-0.093 χ^2/NDF:92.1/5

+ sign 21.192+/-0.095 χ^2/NDF: 1324.1/23

All: 21.669+/-0.063 χ^2/NDF: 2238.3/48

- sign 22.050+/-0.085 χ^2/NDF: 868.8/24

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.103+/-0.005 χ^2/NDF:105.7/6

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

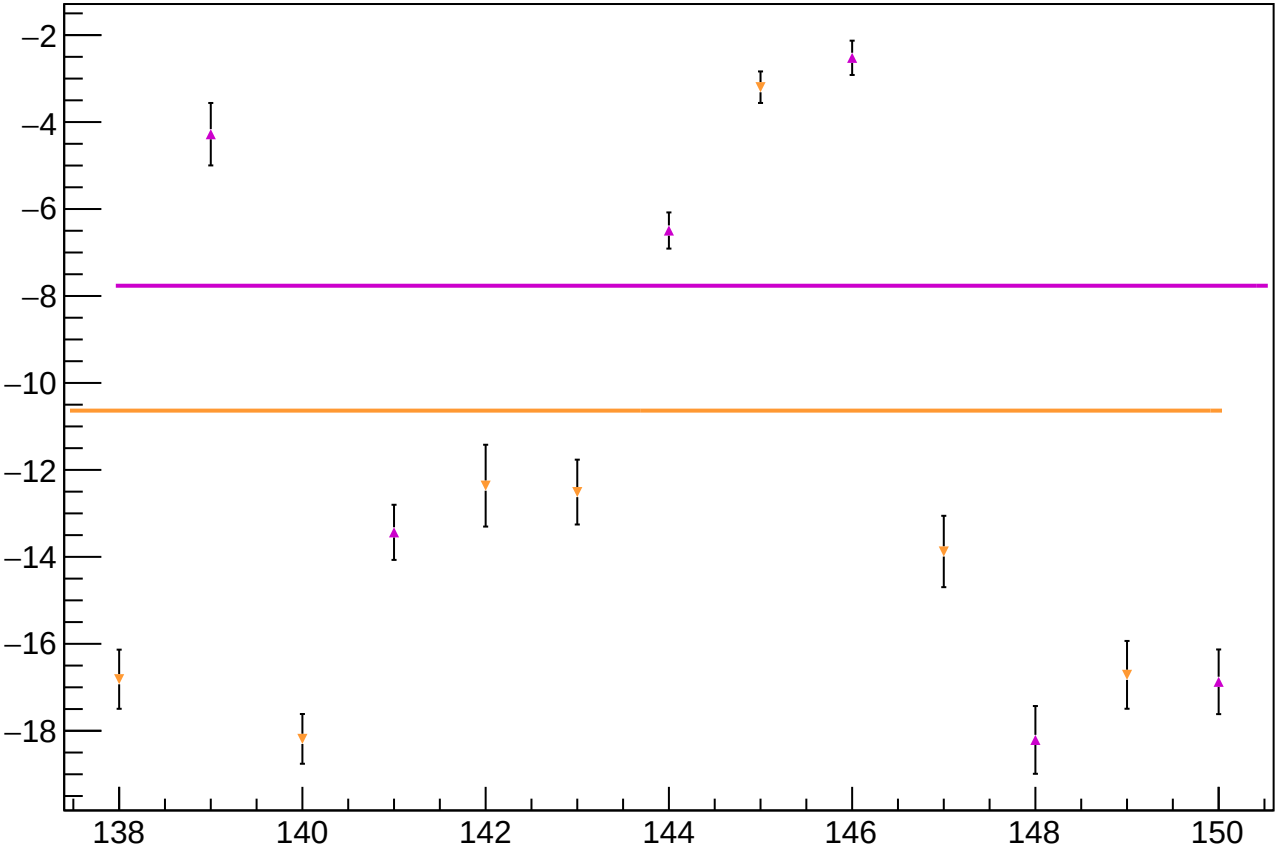
Left In: -0.125+/-0.005 χ^2/NDF:226.9/5

+ sign -0.115+/-0.005 χ^2/NDF: 601.1/23

All: -0.129+/-0.003 χ^2/NDF: 1445.6/48

- sign -0.141+/-0.004 χ^2/NDF: 828.9/24

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.636+/-0.230 χ^2/NDF:763.3/6

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

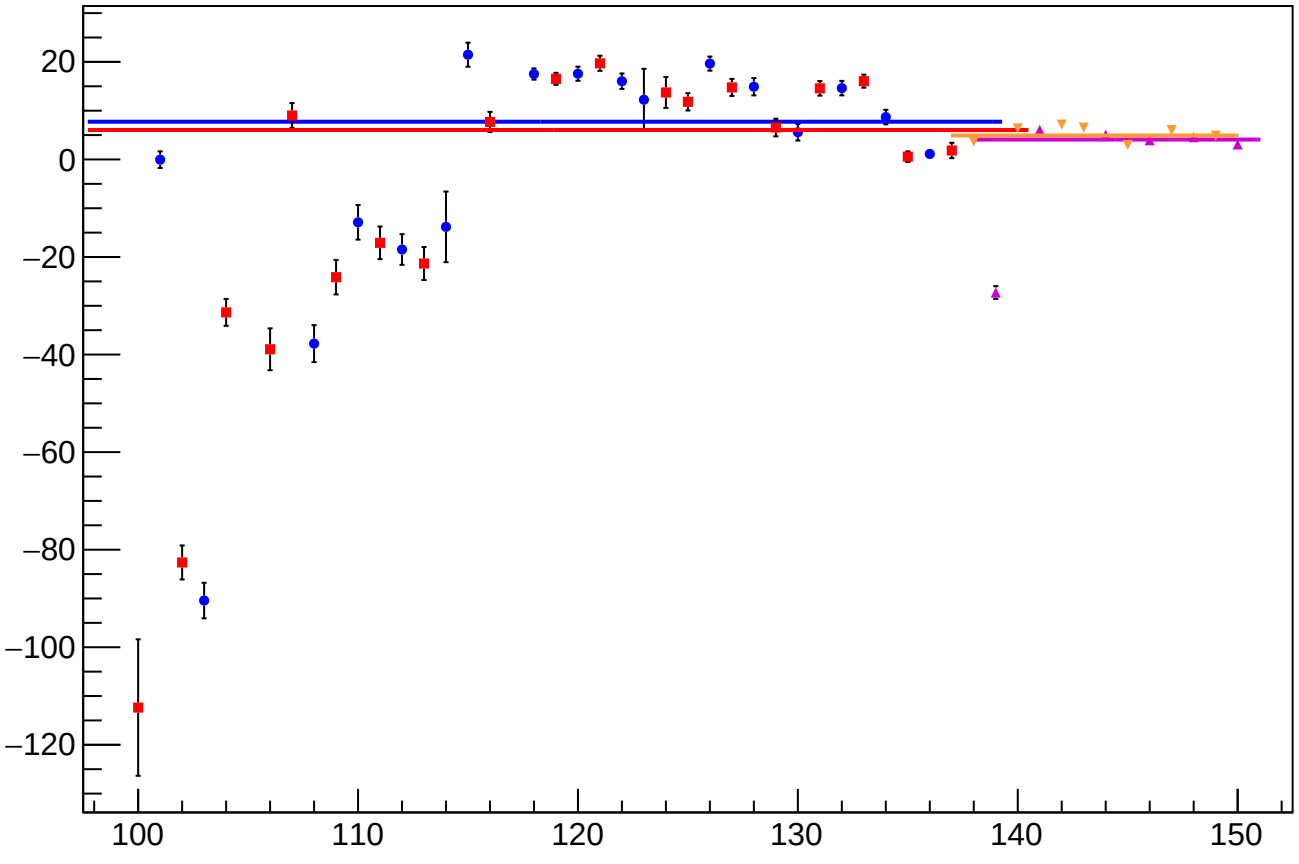
Left In: -7.764+/-0.223 χ^2/NDF:619.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.156+/-0.160 χ^2/NDF: 1462.8/12

- 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: 4.921+/-0.166 χ^2/NDF:90.5/6

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

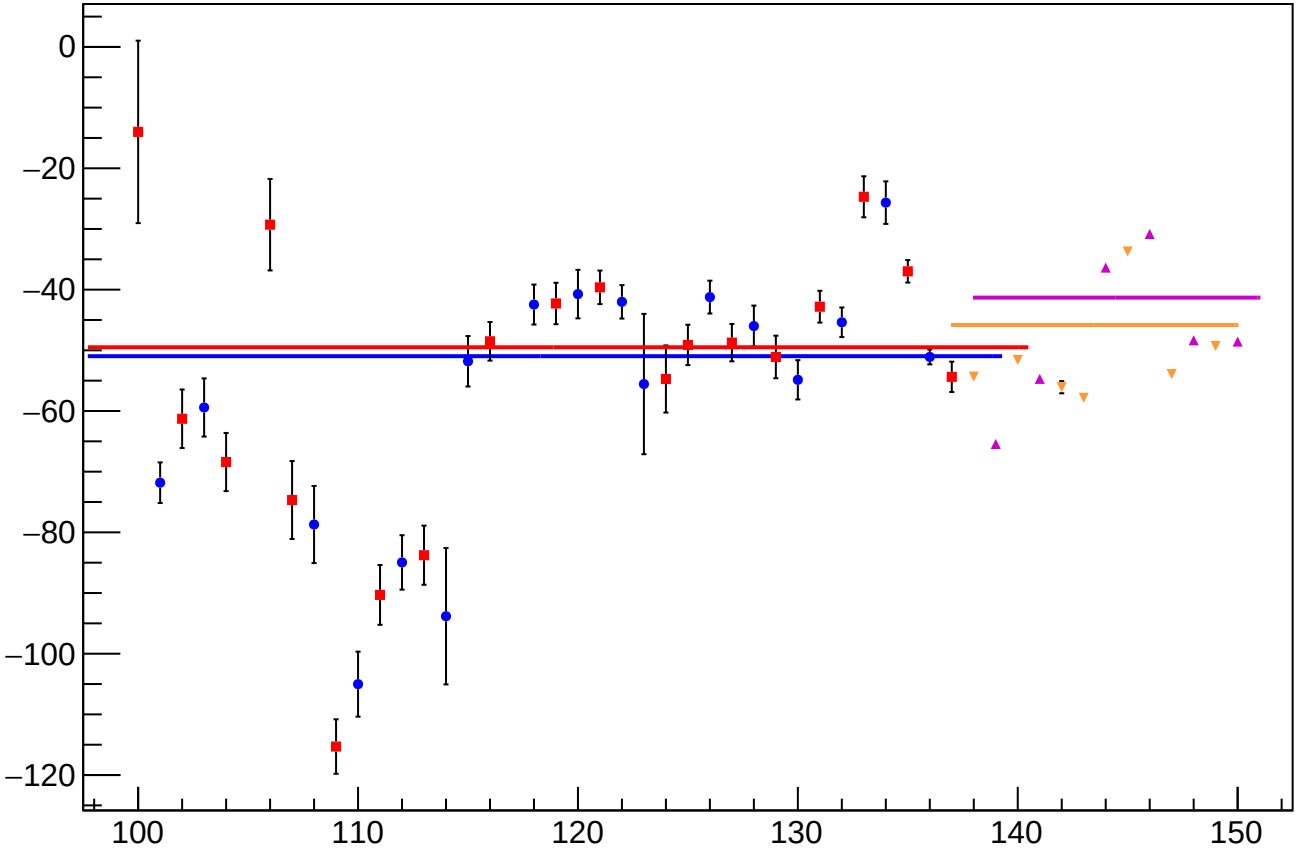
Left In: 4.081+/-0.151 χ^2/NDF:612.3/5

+ sign 5.329+/-0.153 χ^2/NDF: 1490.7/23

All: 4.775+/-0.105 χ^2/NDF: 3657.7/48

- sign 4.293+/-0.143 χ^2/NDF: 2142.6/24

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -45.827+/-0.240 χ^2/NDF:1665.2/6

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

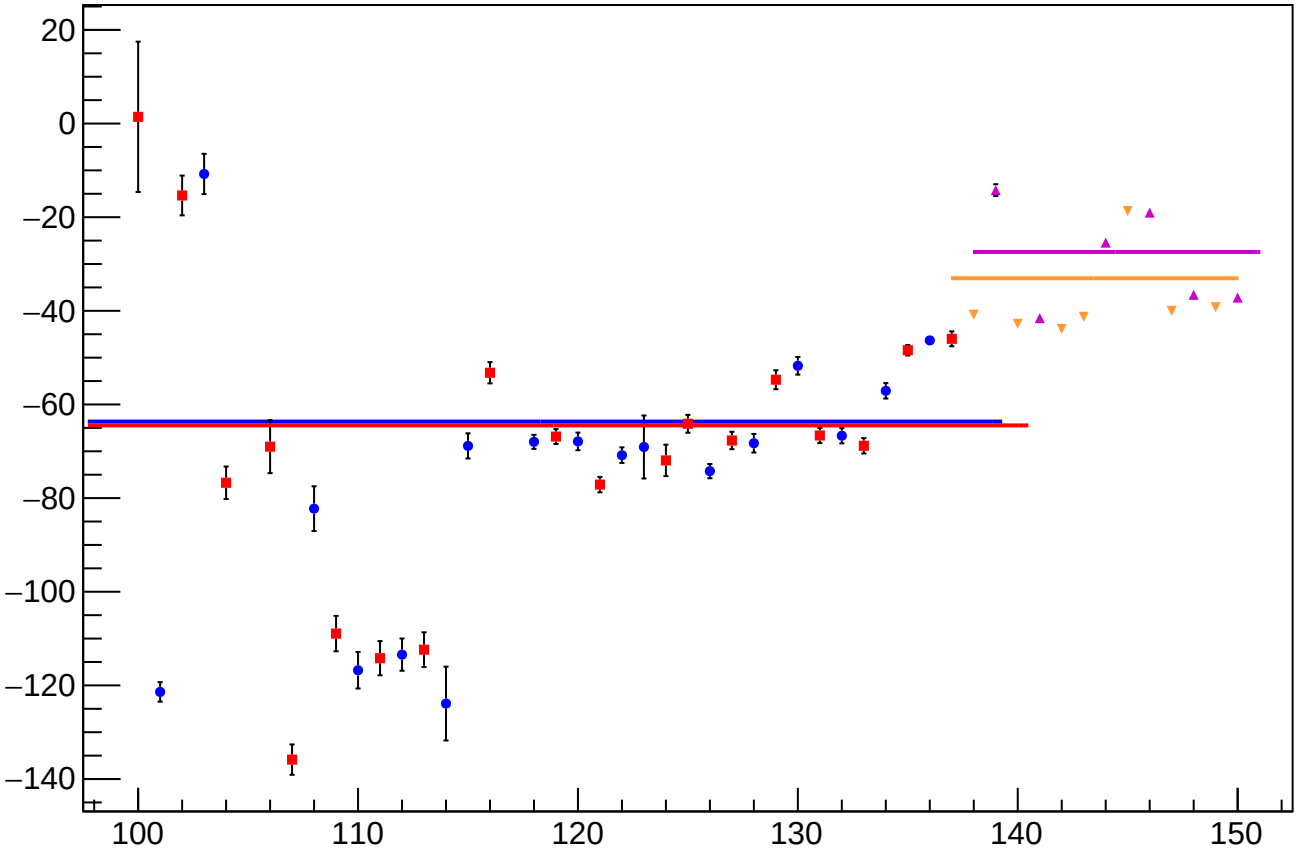
Left In: -41.315+/-0.225 χ^2/NDF:2447.0/5

+ sign -46.319+/-0.228 χ^2/NDF: 2041.8/23

All: -44.002+/-0.157 χ^2/NDF: 5292.3/48

- sign -41.918+/-0.217 χ^2/NDF: 3054.9/24

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -33.042+/-0.201 χ^2/NDF:2932.4/6

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

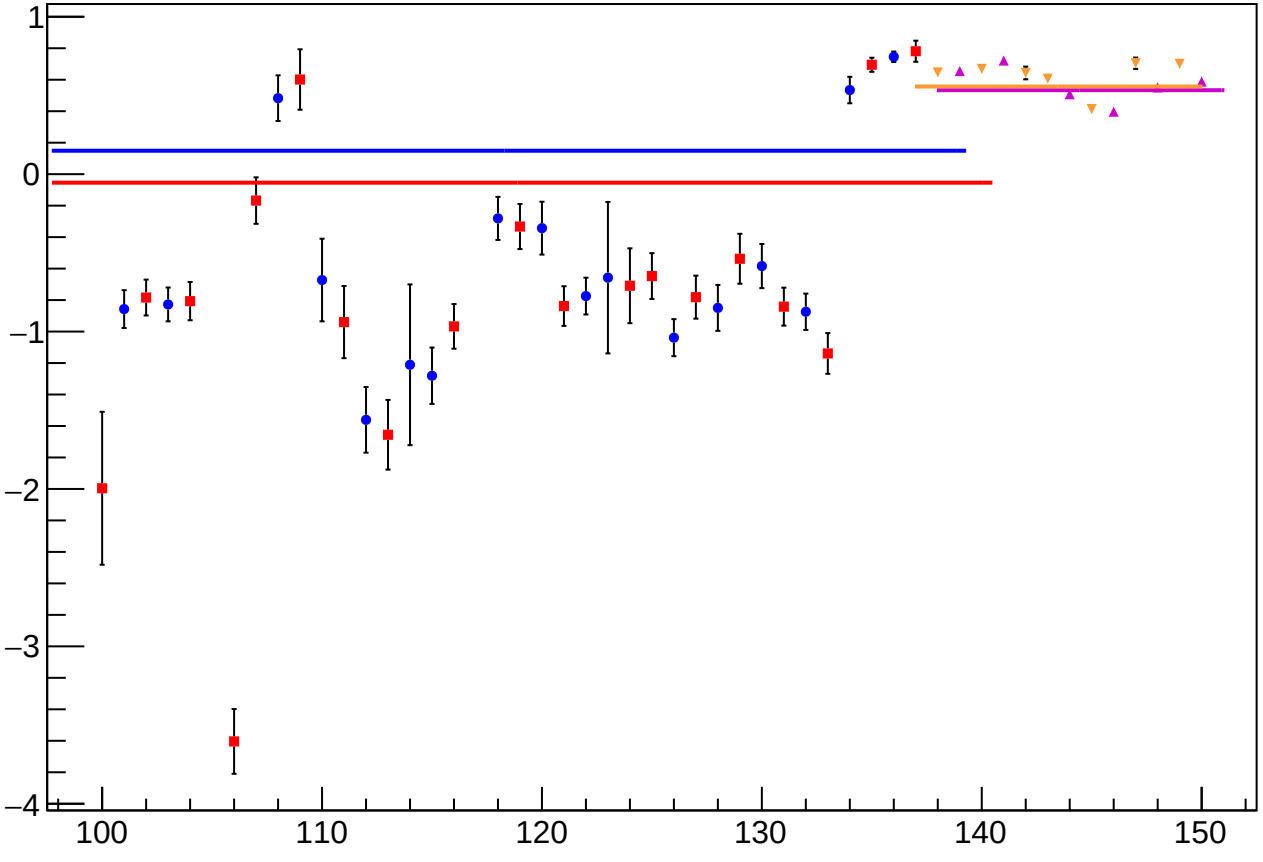
Left In: -27.425+/-0.187 χ^2/NDF:2116.0/5

+ sign -38.230+/-0.183 χ^2/NDF: 8871.5/23

All: -35.082+/-0.126 χ^2/NDF: 18282.3/48

- sign -32.245+/-0.174 χ^2/NDF: 8850.4/24

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.557+/-0.010 χ^2/NDF:160.6/6

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

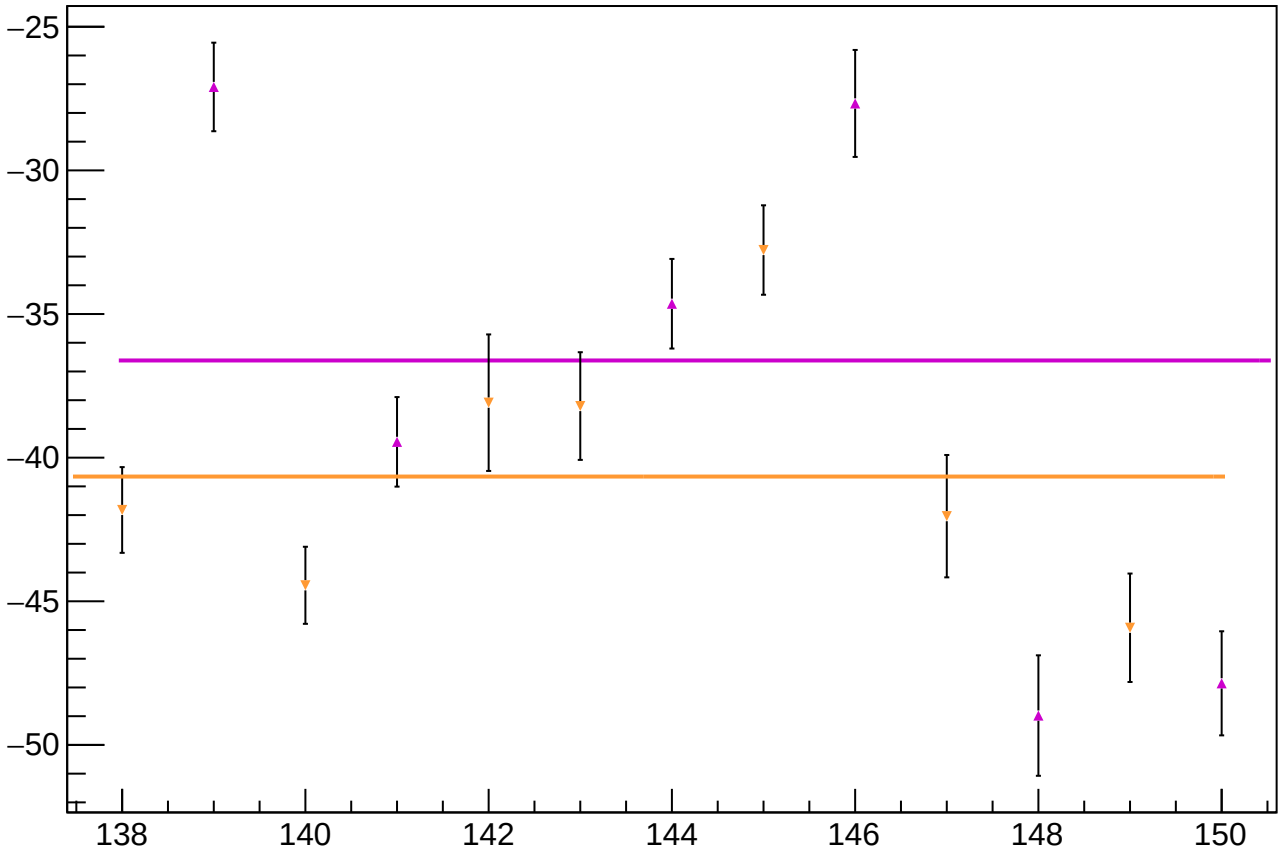
Left In: 0.534+/-0.010 χ^2/NDF:131.5/5

+ sign 0.498+/-0.009 χ^2/NDF: 1398.2/23

All: 0.480+/-0.006 χ^2/NDF: 3147.5/48

- sign 0.463+/-0.009 χ^2/NDF: 1742.1/24

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -40.658+/-0.648 χ^2/NDF:45.3/6

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

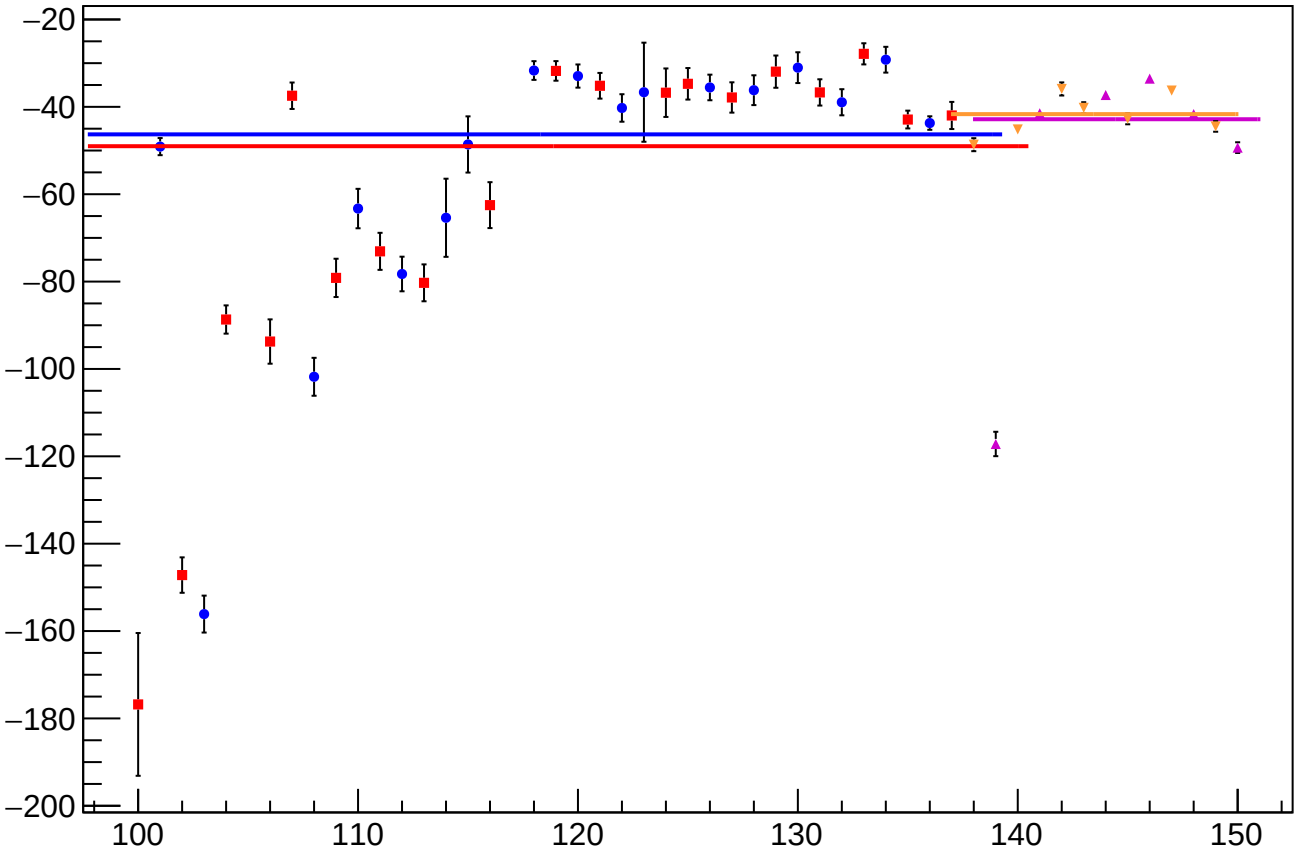
Left In: -36.617+/-0.696 χ^2/NDF:139.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.781+/-0.474 χ^2/NDF: 202.8/12

- 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: -41.667+/-0.466 χ^2/NDF:82.7/6

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

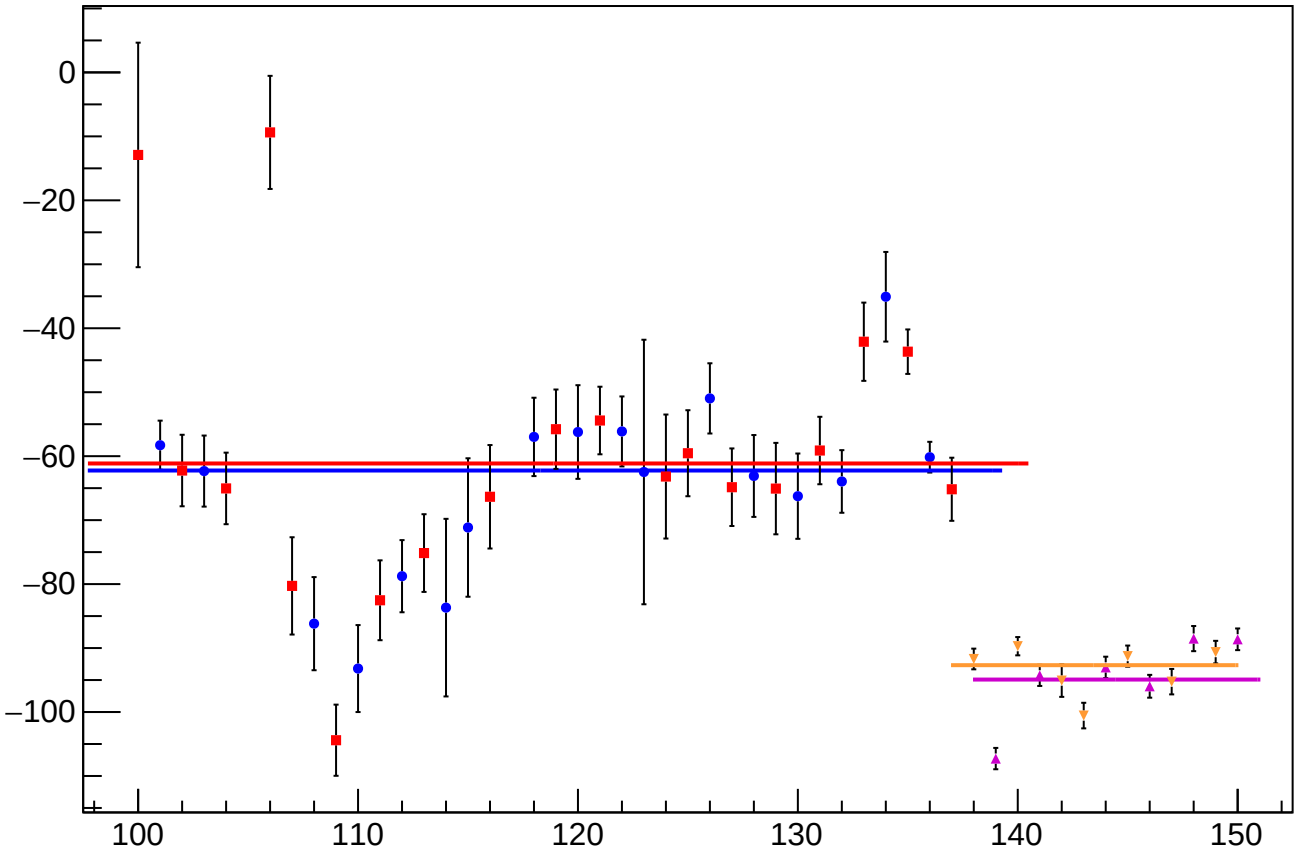
Left In: -42.837+/-0.492 χ^2/NDF:831.5/5

+ sign -43.027+/-0.392 χ^2/NDF: 1195.8/23

All: -43.792+/-0.284 χ^2/NDF: 3353.2/48

- sign -44.646+/-0.414 χ^2/NDF: 2149.3/24

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -92.676+/-0.672 χ^2/NDF:24.8/6

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

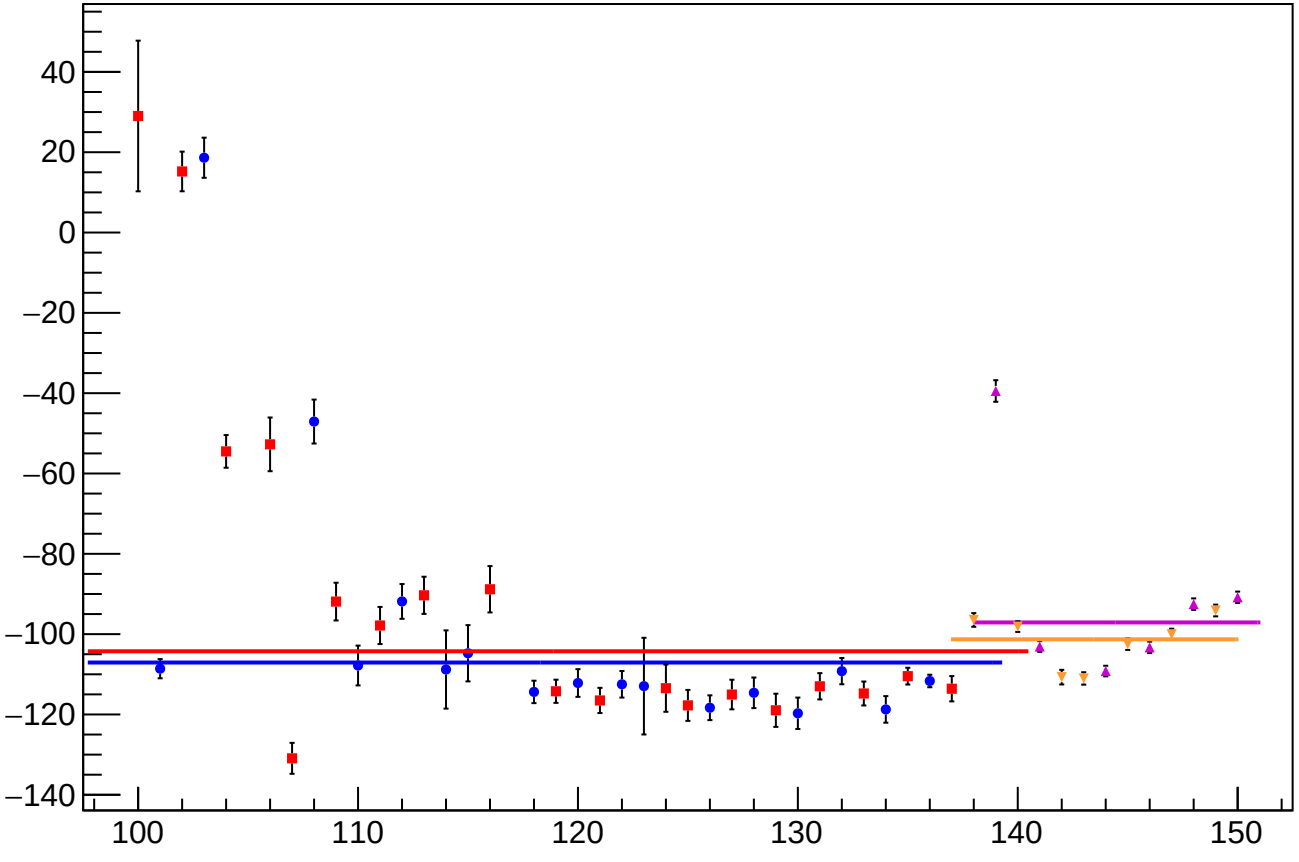
Left In: -94.925+/-0.706 χ^2/NDF:81.1/5

+ sign -86.340+/-0.598 χ^2/NDF: 519.5/23

All: -87.083+/-0.433 χ^2/NDF: 1244.6/48

- sign -87.905+/-0.629 χ^2/NDF: 721.8/24

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -101.293+/-0.569 χ^2/NDF:105.7/6

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

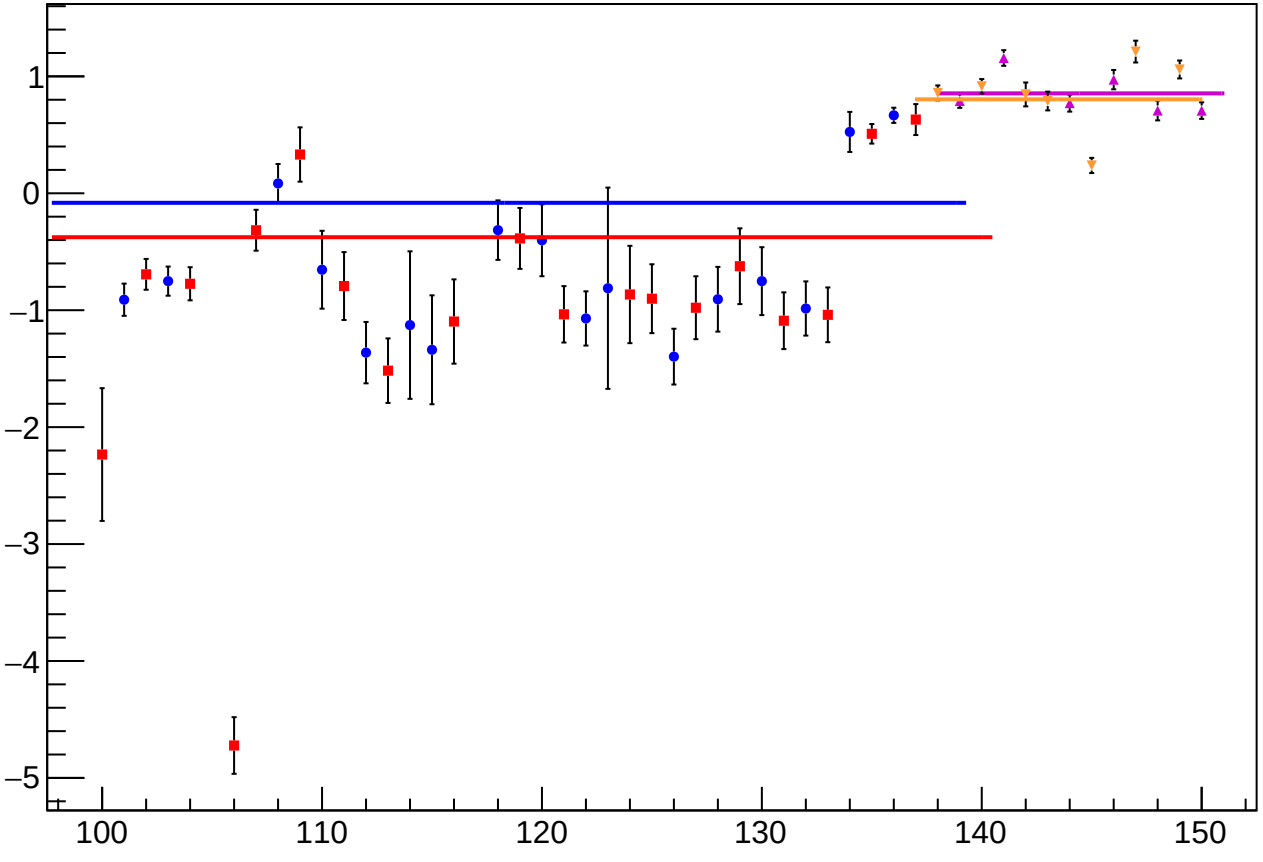
Left In: -97.087+/-0.604 χ^2/NDF:611.8/5

+ sign -103.197+/-0.466 χ^2/NDF: 968.0/23

All: -101.436+/-0.339 χ^2/NDF: 2675.4/48

- sign -99.454+/-0.494 χ^2/NDF: 1677.1/24

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.803+/-0.028 χ^2/NDF:110.5/6

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

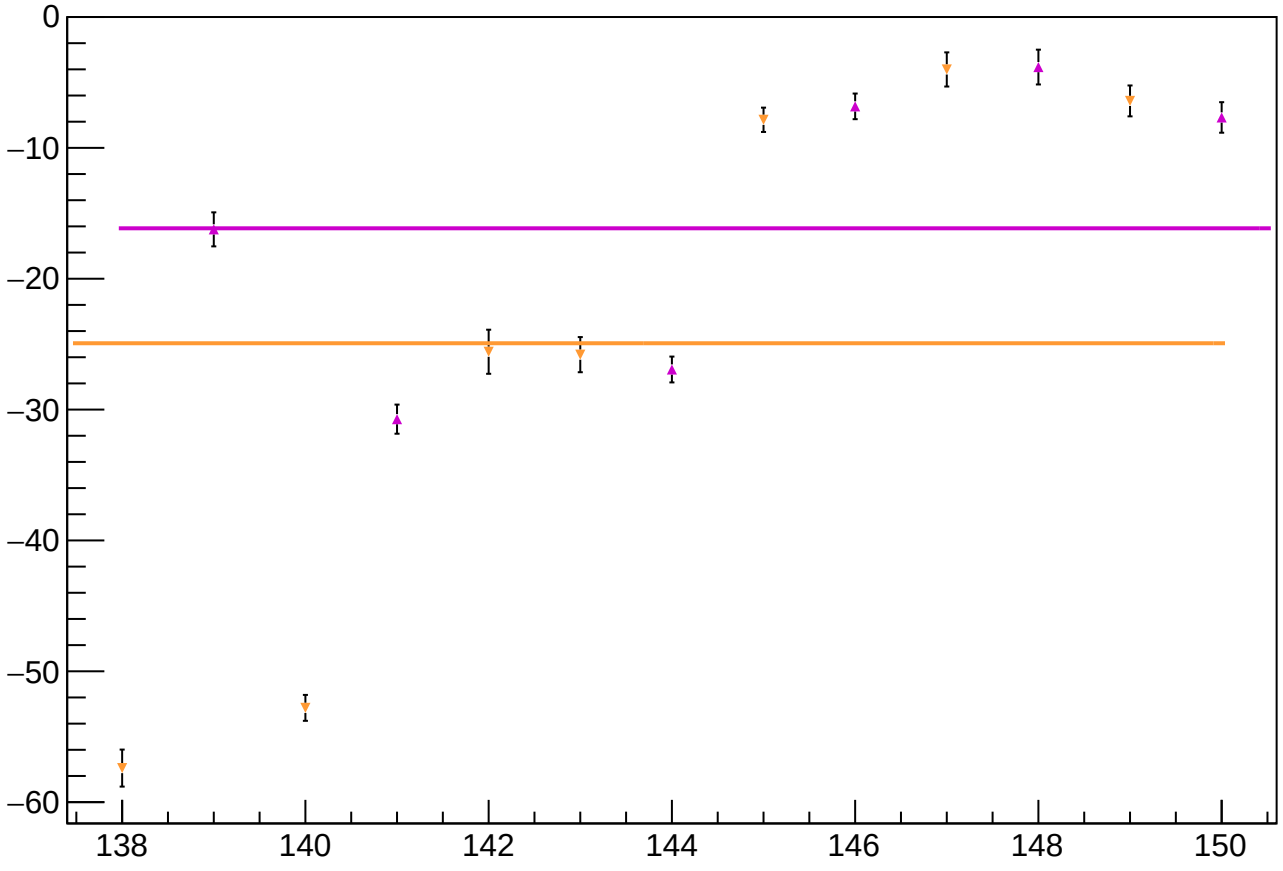
Left In: 0.855+/-0.029 χ^2/NDF:32.3/5

+ sign 0.533+/-0.023 χ^2/NDF: 745.1/23

All: 0.507+/-0.017 χ^2/NDF: 1909.5/48

- sign 0.480+/-0.024 χ^2/NDF: 1162.0/24

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -24.931+/-0.452 χ^2/NDF:2160.0/6

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

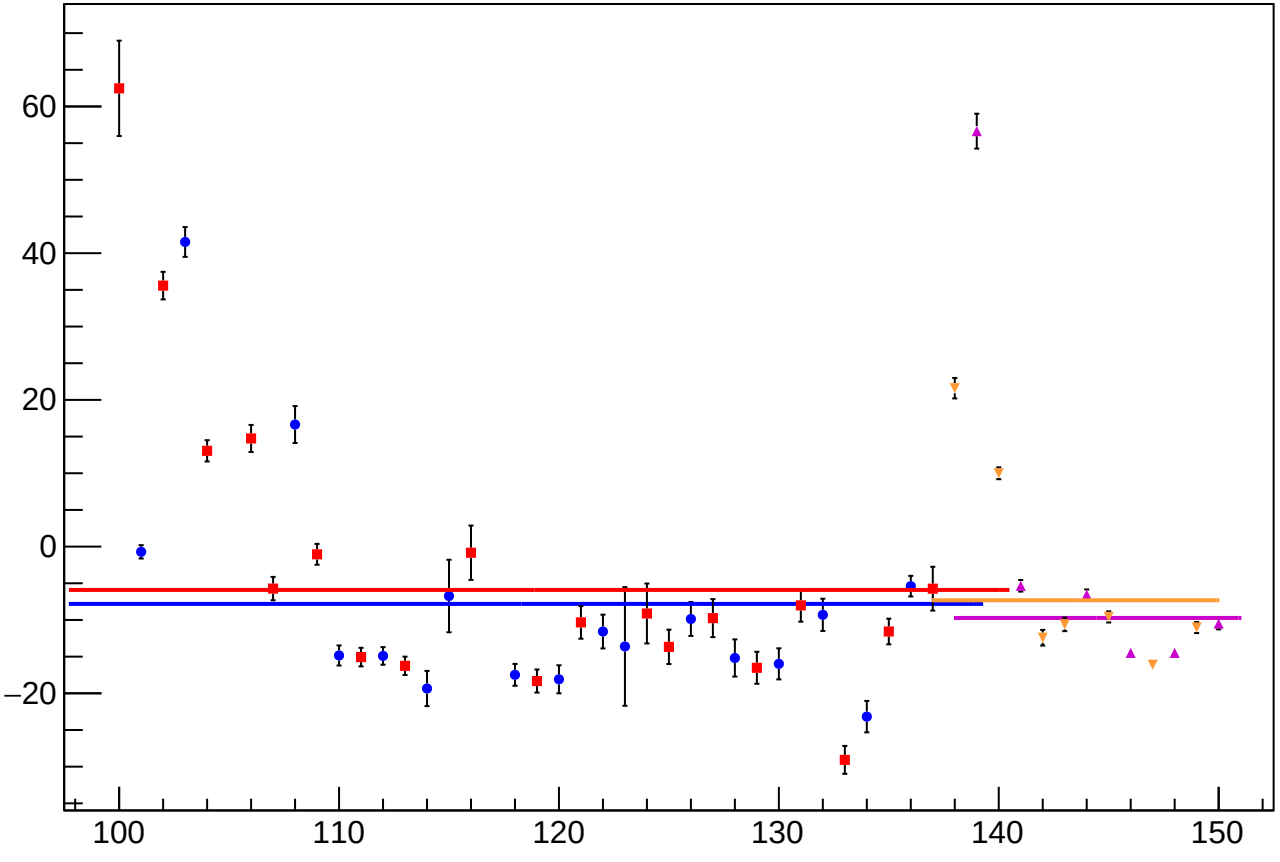
Left In: -16.147+/-0.458 χ^2/NDF:520.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.595+/-0.322 χ^2/NDF: 2866.5/12

- 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: -7.319+/-0.314 χ^2/NDF:1156.7/6

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

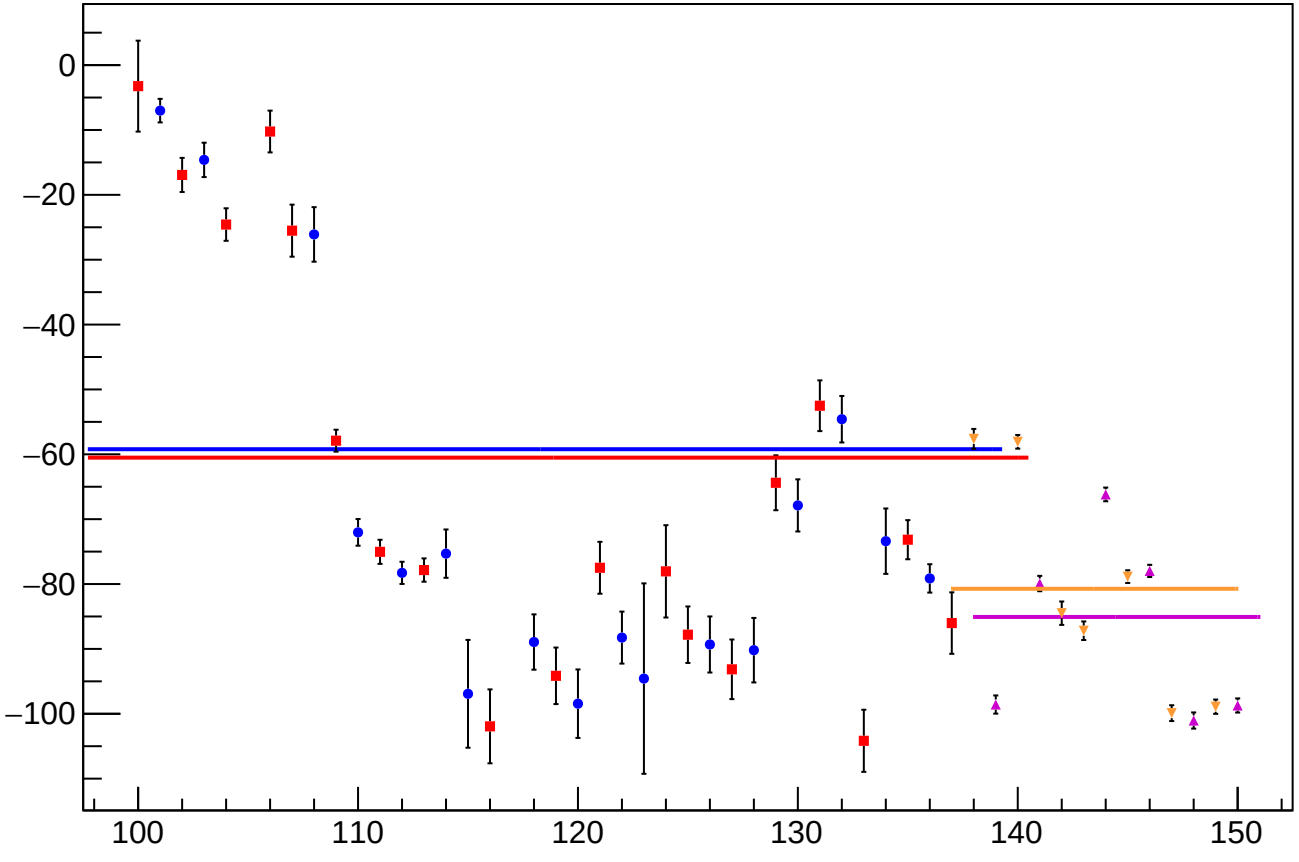
Left In: -9.727+/-0.310 χ^2/NDF:942.7/5

+ sign -7.492+/-0.253 χ^2/NDF: 2140.4/23

All: -7.958+/-0.178 χ^2/NDF: 4434.9/48

- sign -8.417+/-0.251 χ^2/NDF: 2287.8/24

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -80.732+/-0.464 χ^2/NDF:1235.7/6

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

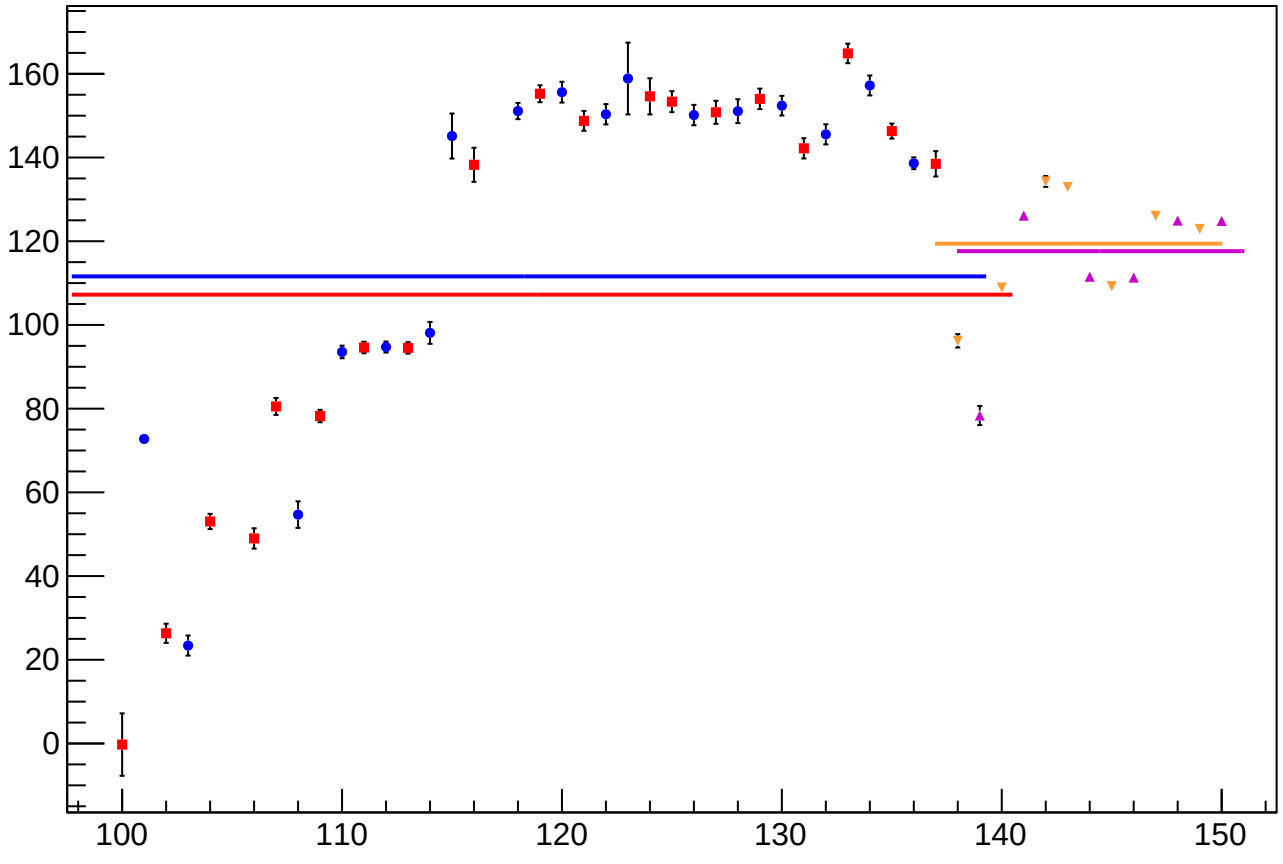
Left In: -85.074+/-0.460 χ^2/NDF:807.6/5

+ sign -74.705+/-0.394 χ^2/NDF: 3558.7/23

All: -76.251+/-0.275 χ^2/NDF: 6633.2/48

- sign -77.730+/-0.385 χ^2/NDF: 3044.3/24

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 119.422+/-0.386 χ^2/NDF:816.4/6

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

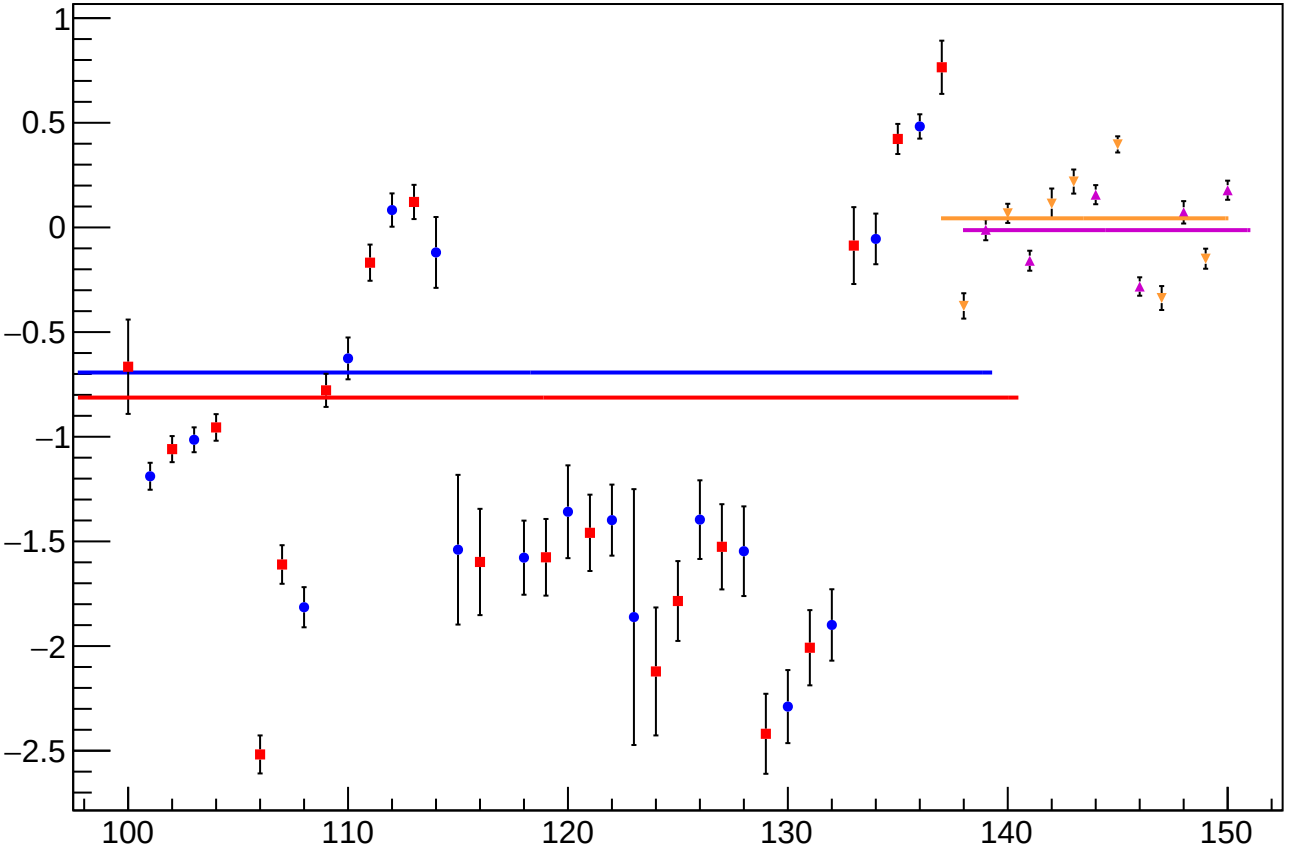
Left In: 117.632+/-0.383 χ^2/NDF:620.6/5

+ sign 116.402+/-0.302 χ^2/NDF: 6934.6/23

All: 115.032+/-0.213 χ^2/NDF: 14914.7/48

- sign 113.673+/-0.301 χ^2/NDF: 7939.2/24

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: 0.044+/-0.019 χ^2/NDF:202.5/6

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

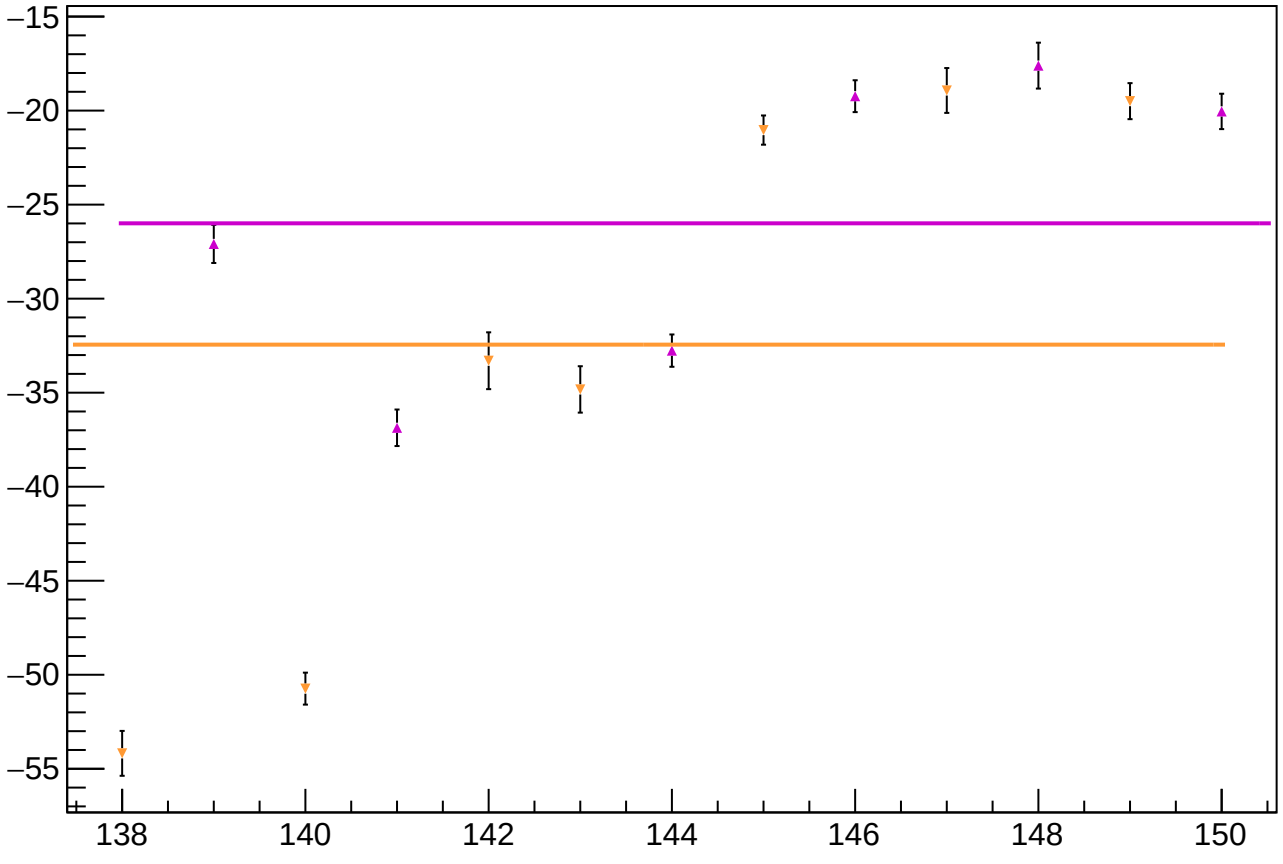
Left In: -0.013+/-0.019 χ^2/NDF:80.5/5

+ sign -0.223+/-0.016 χ^2/NDF: 1716.9/23

All: -0.274+/-0.011 χ^2/NDF: 3790.5/48

- sign -0.323+/-0.015 χ^2/NDF: 2052.2/24

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.445+/-0.388 χ^2/NDF:1325.7/6

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

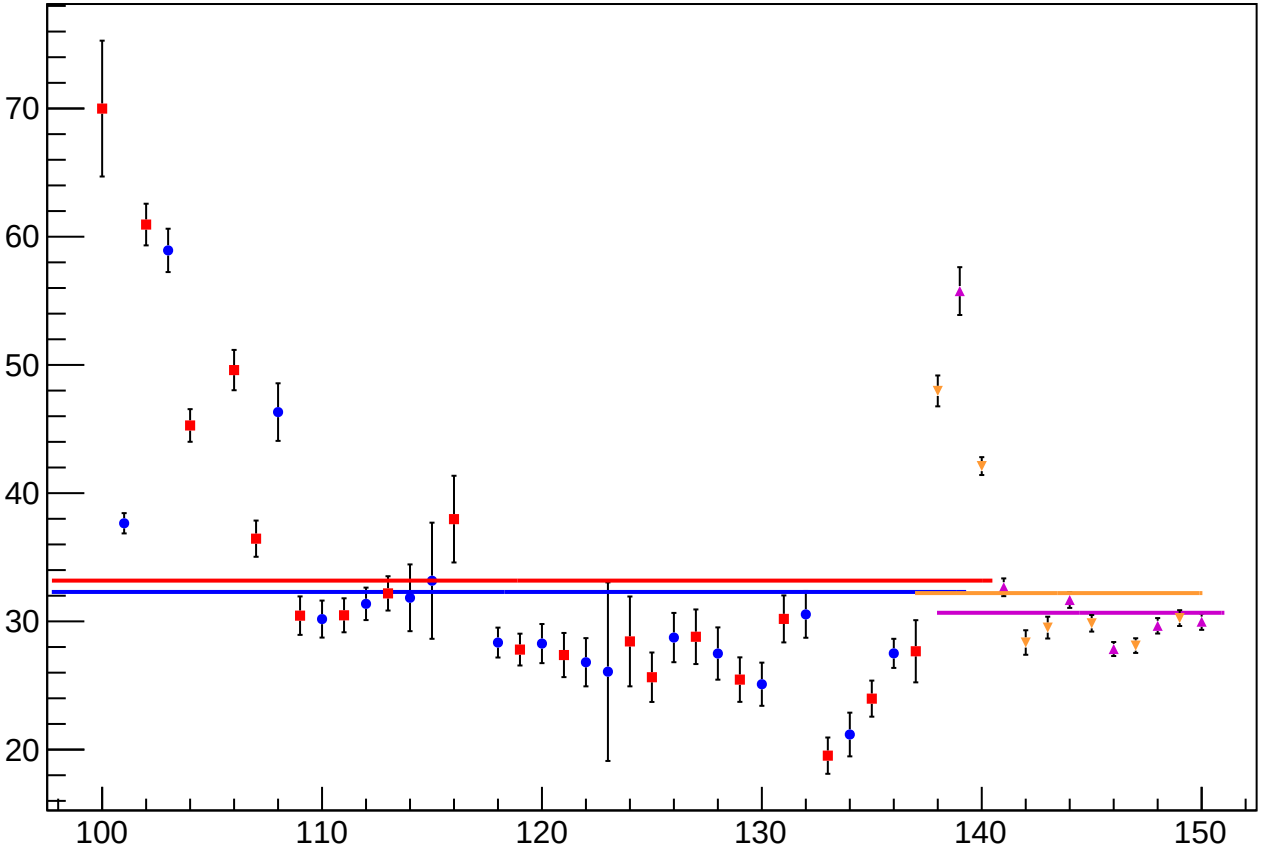
Left In: -25.994+/-0.390 χ^2/NDF:339.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.232+/-0.275 χ^2/NDF: 1802.7/12

- 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: 32.206+/-0.274 χ^2/NDF:474.0/6

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

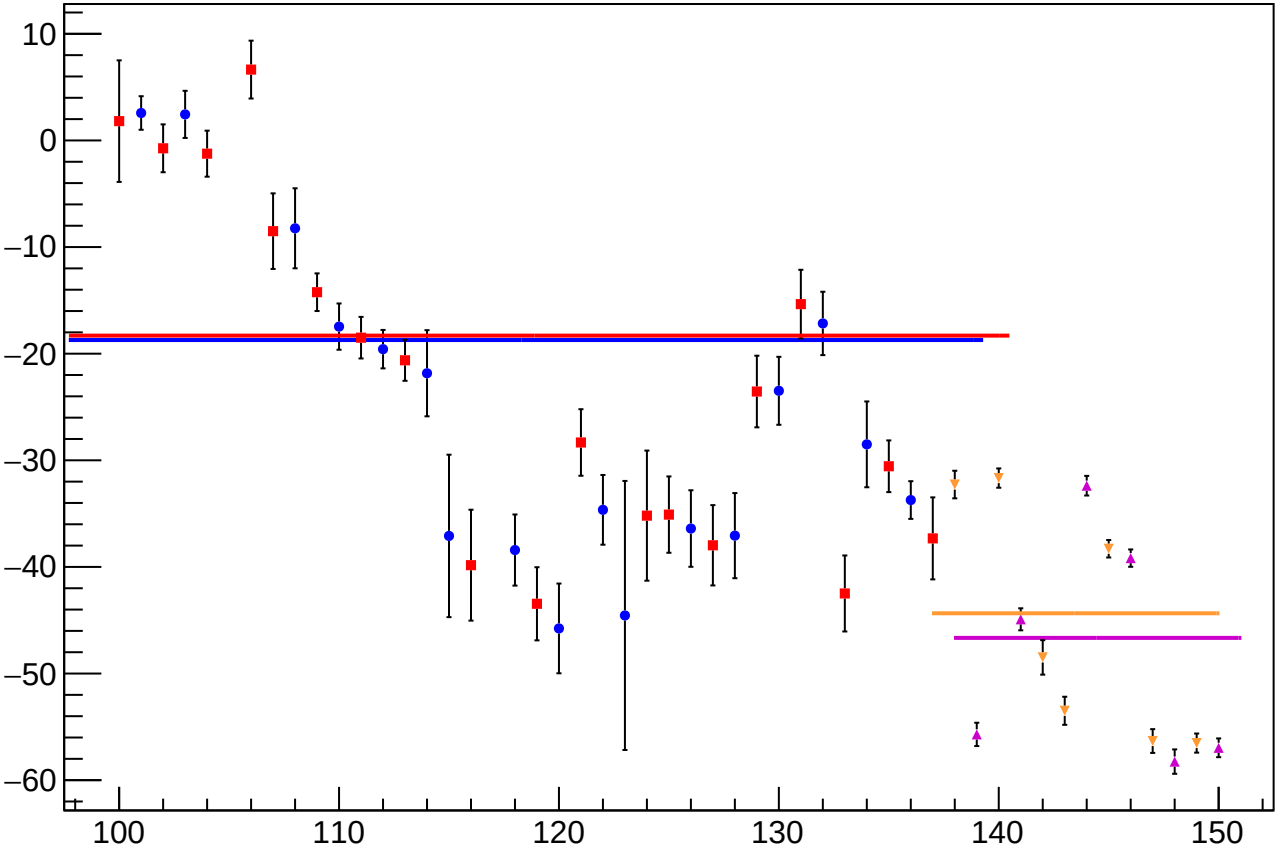
Left In: 30.670+/-0.271 χ^2/NDF:222.6/5

+ sign 32.237+/-0.221 χ^2/NDF: 926.3/23

All: 31.878+/-0.156 χ^2/NDF: 1953.4/48

- sign 31.520+/-0.221 χ^2/NDF: 1021.9/24

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -44.347+/-0.398 χ^2/NDF:692.8/6

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

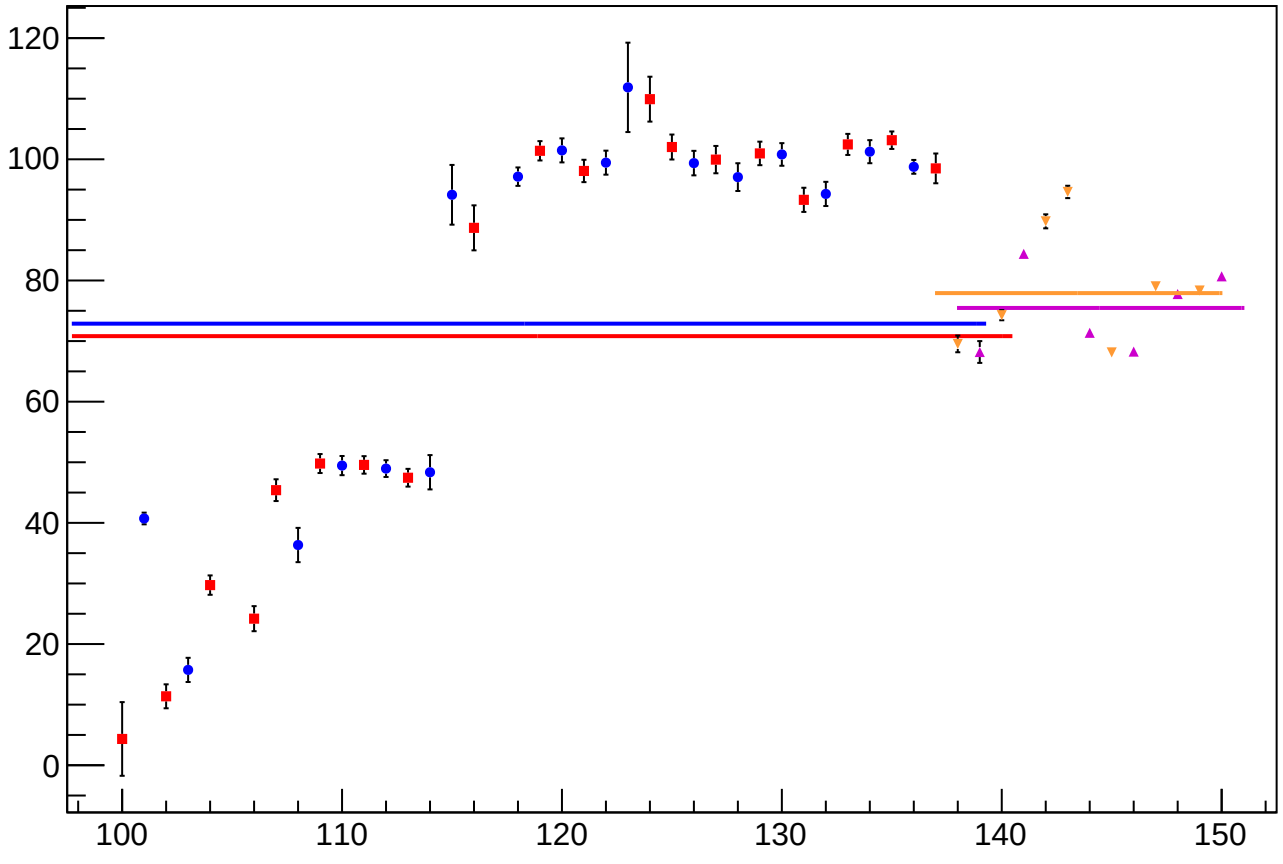
Left In: -46.655+/-0.392 χ^2/NDF:636.1/5

+ sign -37.597+/-0.342 χ^2/NDF: 2305.0/23

All: -38.308+/-0.239 χ^2/NDF: 4838.2/48

- sign -38.990+/-0.335 χ^2/NDF: 2524.7/24

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 77.918+/-0.335 χ^2/NDF:605.7/6

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

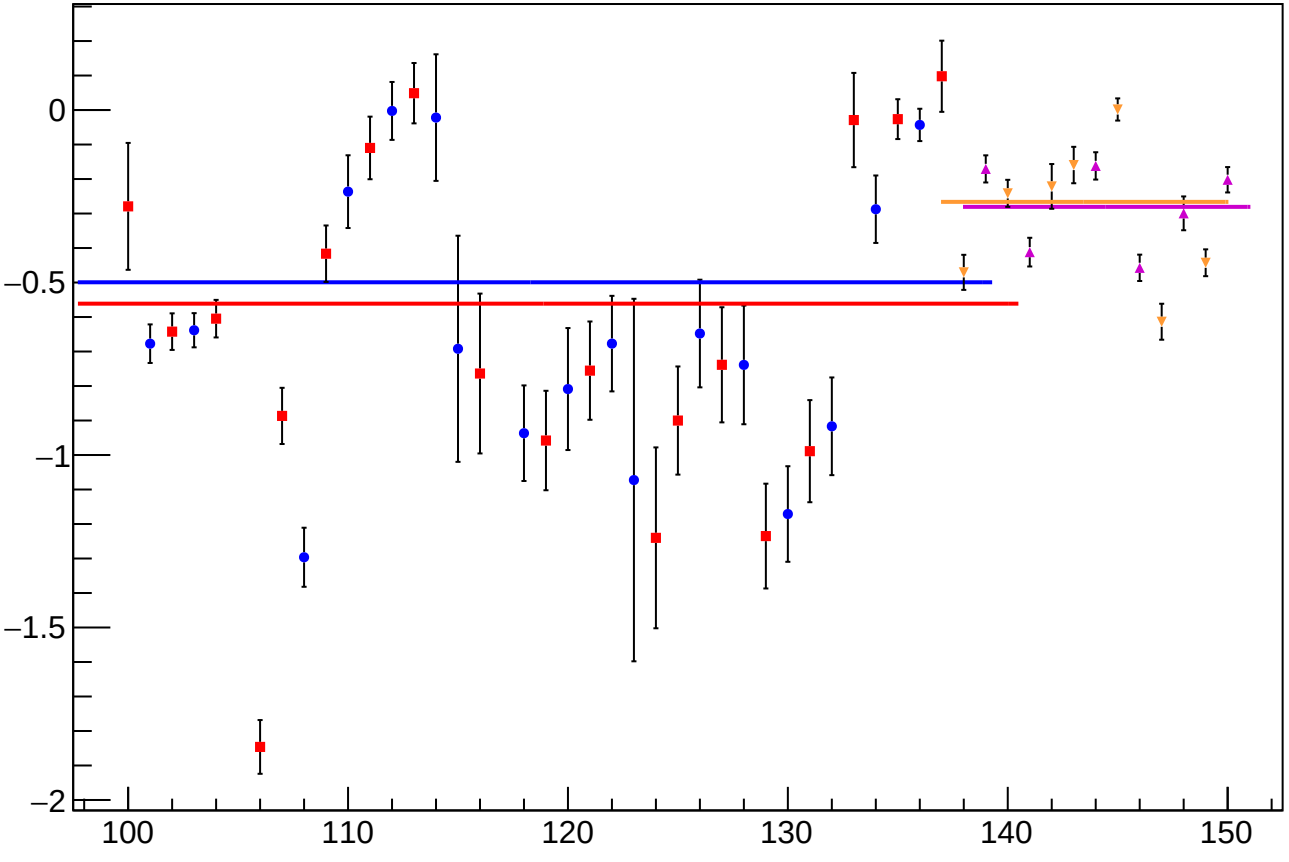
Left In: 75.468+/-0.331 χ^2/NDF:334.3/5

+ sign 75.990+/-0.263 χ^2/NDF: 5430.3/23

All: 74.870+/-0.186 χ^2/NDF: 11362.9/48

- sign 73.750+/-0.263 χ^2/NDF: 5896.4/24

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.266+/-0.017 χ^2/NDF:155.4/6

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

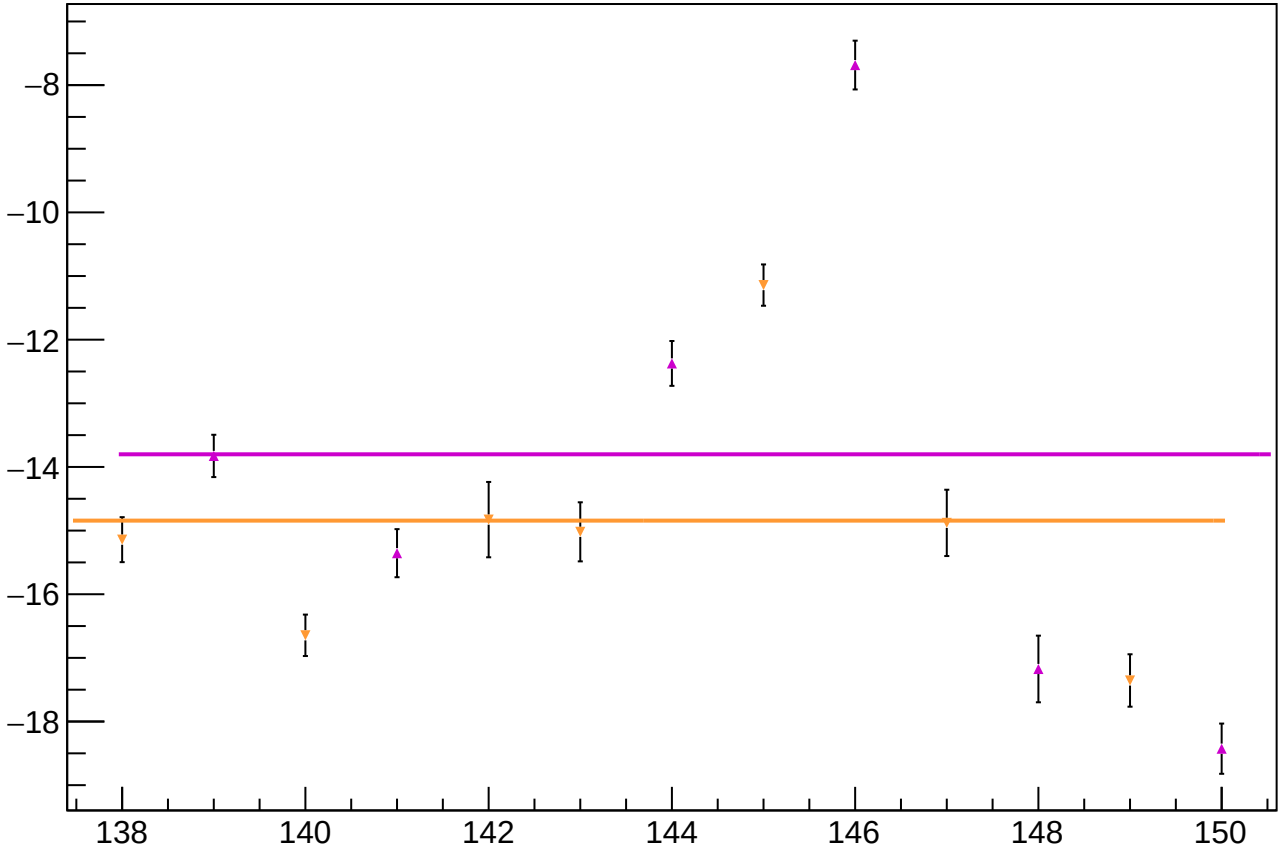
Left In: -0.281+/-0.016 χ^2/NDF:52.9/5

+ sign -0.349+/-0.013 χ^2/NDF: 529.3/23

All: -0.367+/-0.009 χ^2/NDF: 1256.2/48

- sign -0.385+/-0.013 χ^2/NDF: 723.4/24

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: -14.843+/-0.151 χ^2/NDF:198.7/6

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

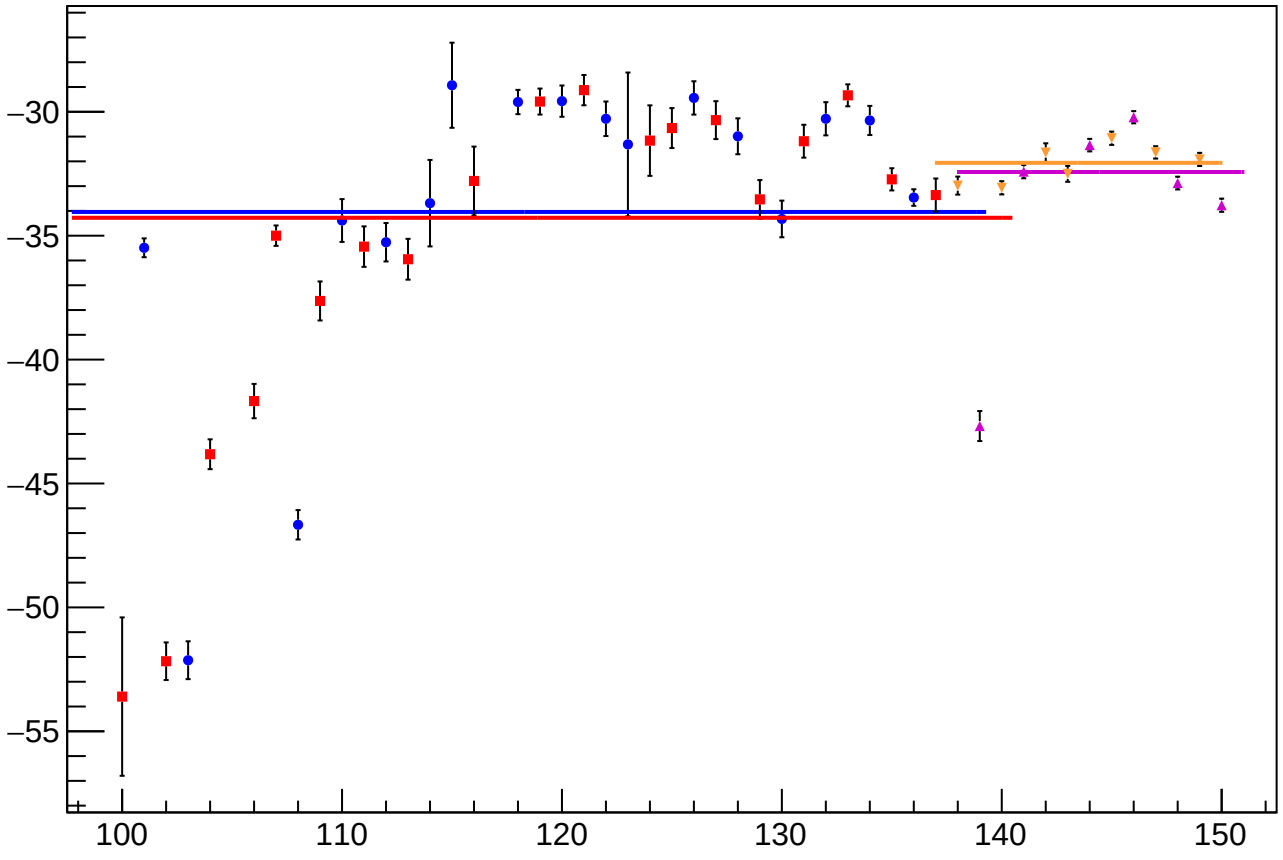
Left In: -13.801+/-0.156 χ^2/NDF:466.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.341+/-0.108 χ^2/NDF: 688.6/12

- 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: -32.059+/-0.110 χ^2/NDF:40.4/6

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

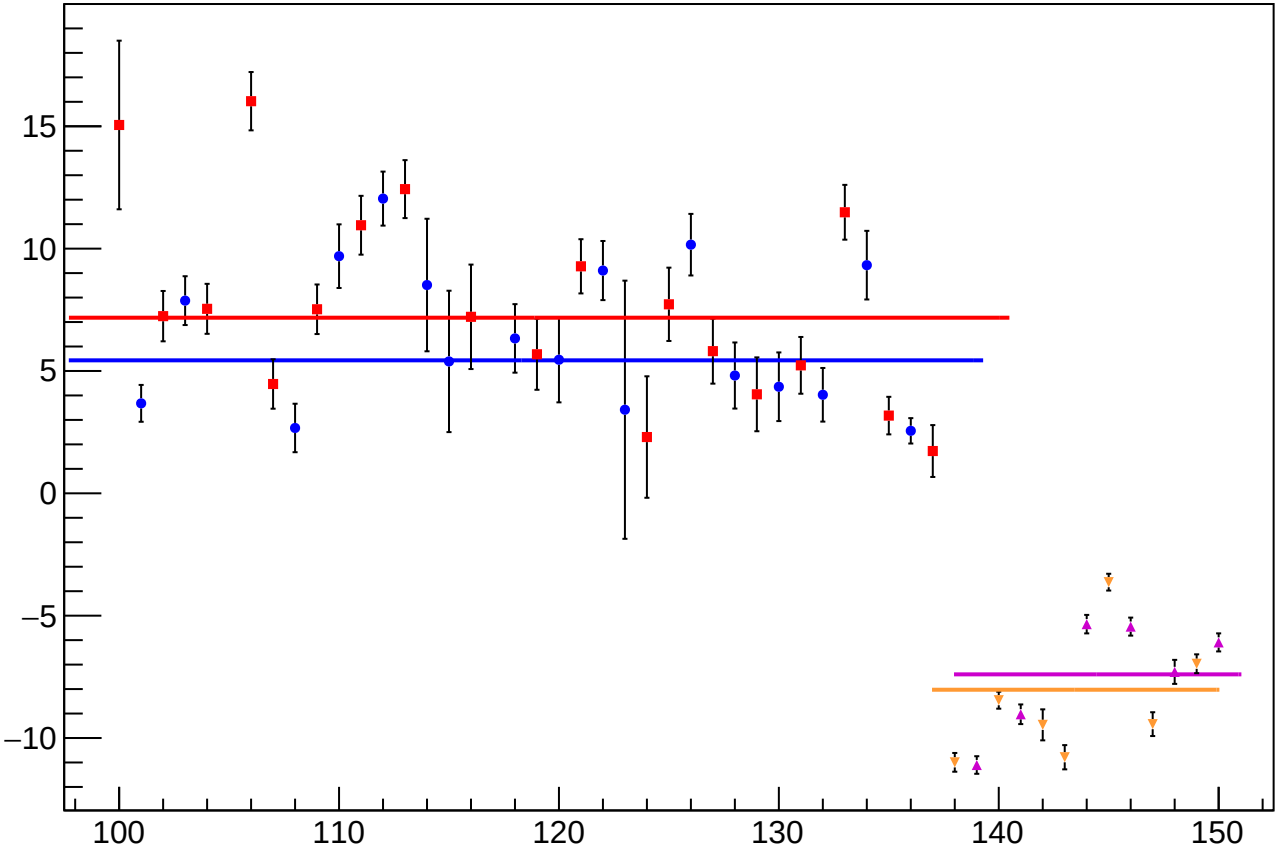
Left In: -32.429+/-0.114 χ^2/NDF:413.6/5

+ sign -32.750+/-0.089 χ^2/NDF: 1493.9/23

All: -32.921+/-0.064 χ^2/NDF: 3360.2/48

- sign -33.098+/-0.091 χ^2/NDF: 1858.8/24

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: -8.027+/-0.156 χ^2/NDF:277.8/6

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

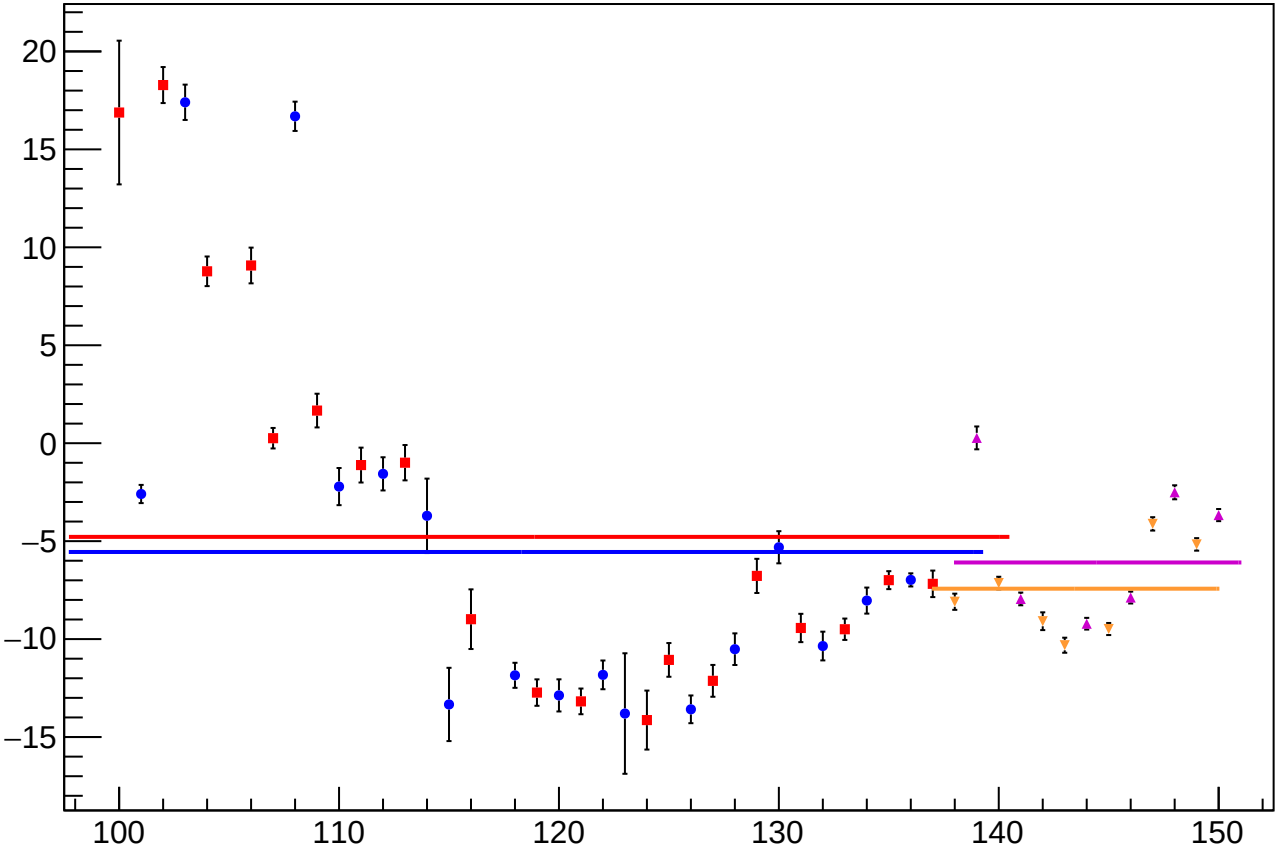
Left In: -7.399+/-0.158 χ^2/NDF:193.0/5

+ sign -4.653+/-0.135 χ^2/NDF: 2278.7/23

All: -4.209+/-0.096 χ^2/NDF: 4795.0/48

- sign -3.749+/-0.137 χ^2/NDF: 2494.3/24

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -7.427+/-0.134 χ^2/NDF:261.2/6

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

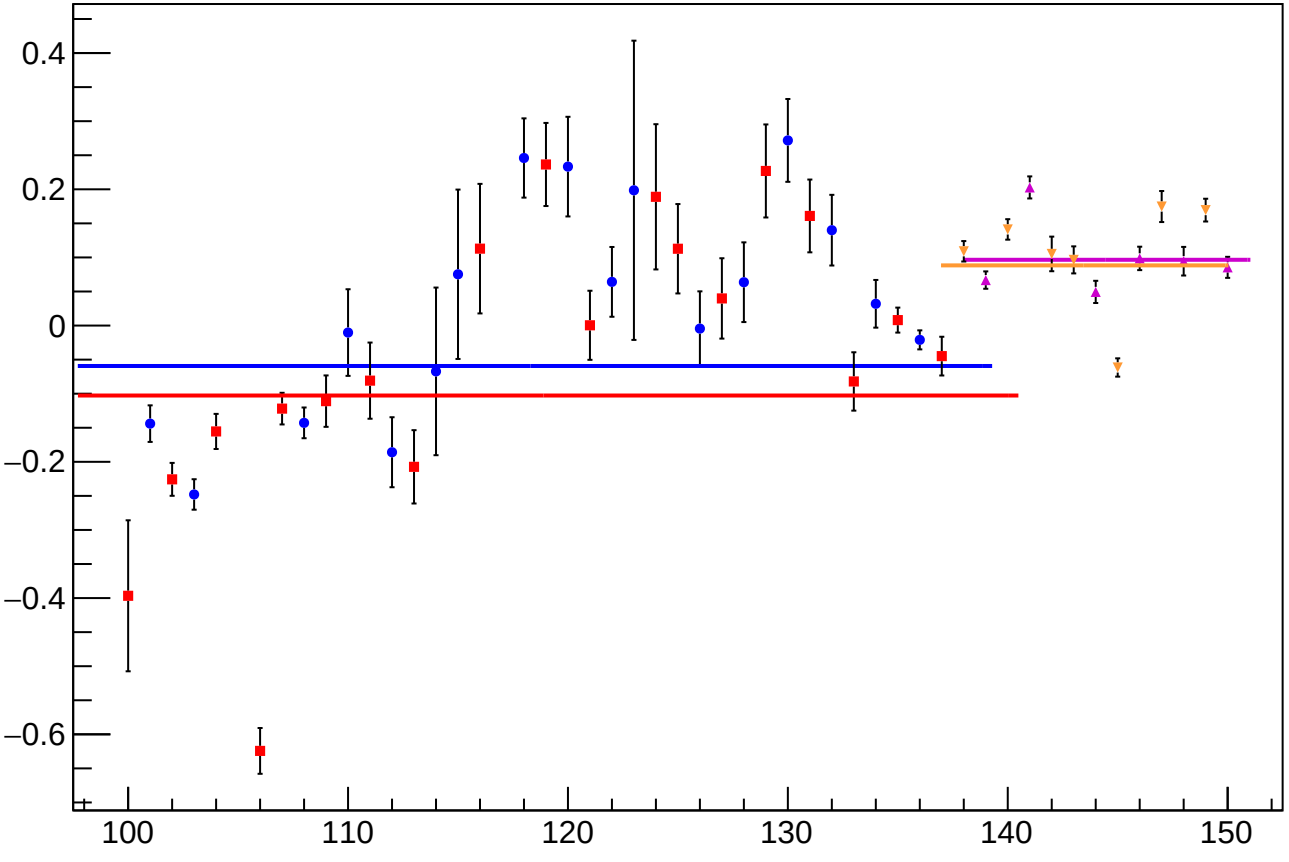
Left In: -6.089+/-0.138 χ^2/NDF:456.8/5

+ sign -6.710+/-0.105 χ^2/NDF: 2461.7/23

All: -6.160+/-0.075 χ^2/NDF: 5050.1/48

- sign -5.581+/-0.108 χ^2/NDF: 2532.1/24

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: 0.088+/-0.006 χ^2/NDF:177.0/6

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

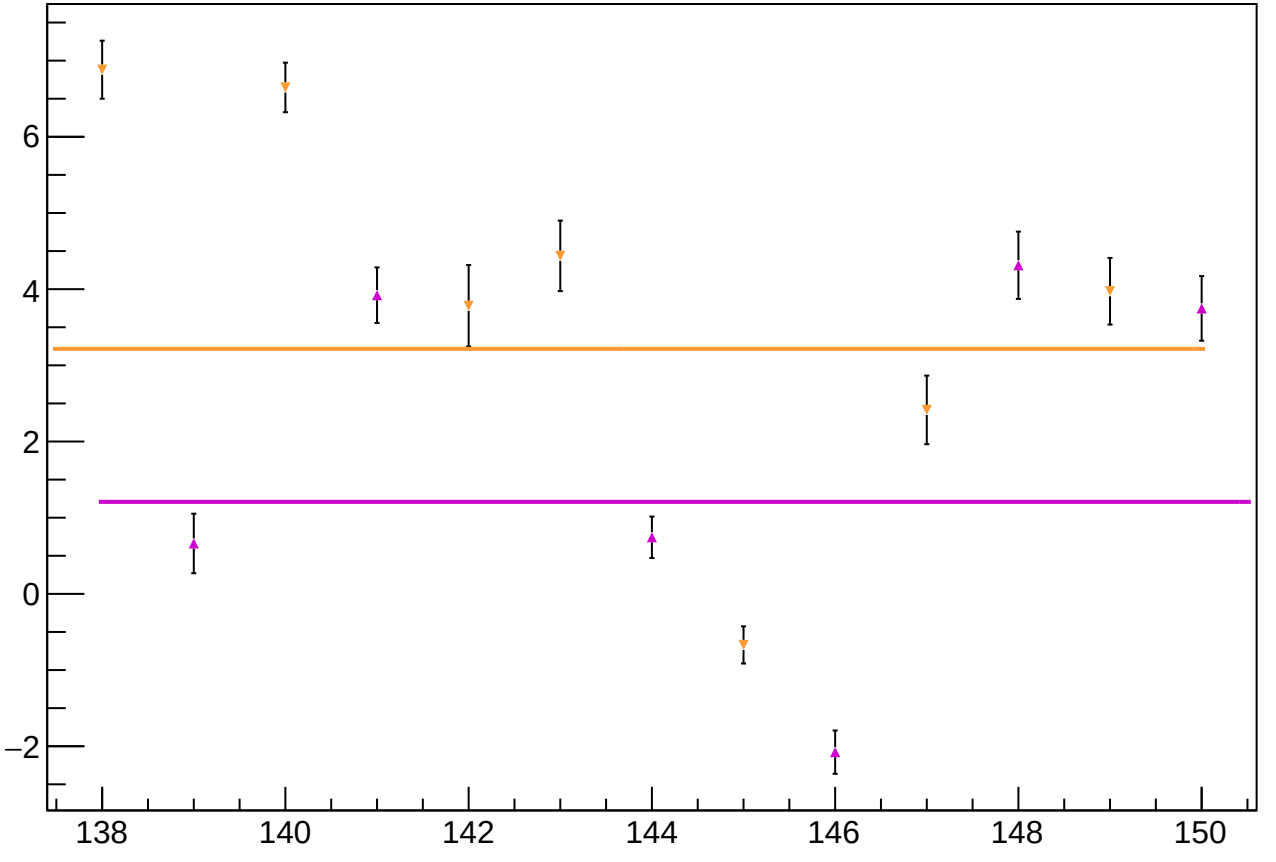
Left In: 0.097+/-0.007 χ^2/NDF:57.4/5

+ sign 0.033+/-0.005 χ^2/NDF: 589.2/23

All: 0.028+/-0.004 χ^2/NDF: 1434.8/48

- sign 0.022+/-0.005 χ^2/NDF: 843.2/24

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: 3.216+/-0.139 χ^2/NDF:472.0/6

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

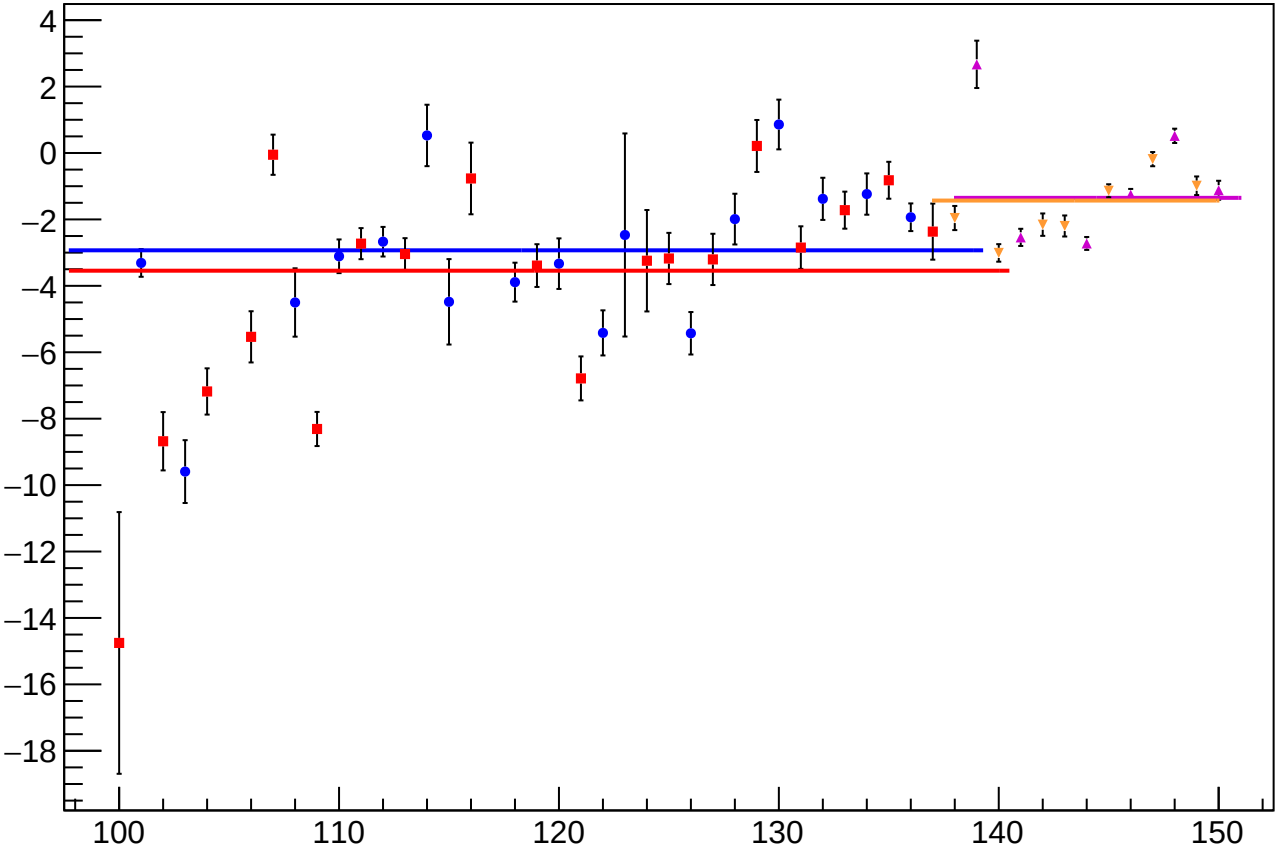
Left In: 1.208+/-0.141 χ^2/NDF:278.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.221+/-0.099 χ^2/NDF: 853.8/12

- 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: -1.432+/-0.099 χ^2/NDF:87.1/6

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

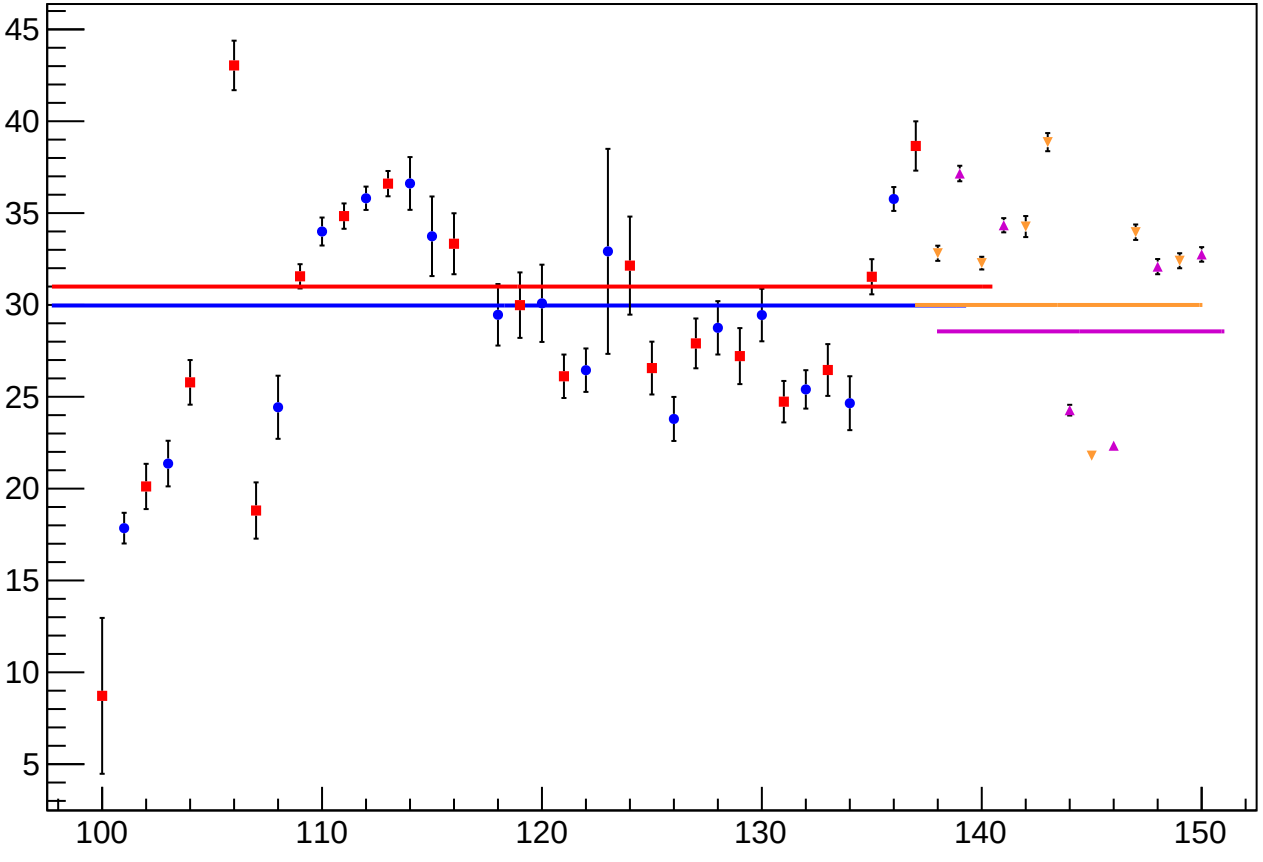
Left In: -1.351+/-0.095 χ^2/NDF:178.9/5

+ sign -1.873+/-0.083 χ^2/NDF: 300.5/23

All: -1.915+/-0.058 χ^2/NDF: 917.4/48

- sign -1.955+/-0.081 χ^2/NDF: 616.4/24

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: 29.998+/-0.145 χ^2/NDF:1588.8/6

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

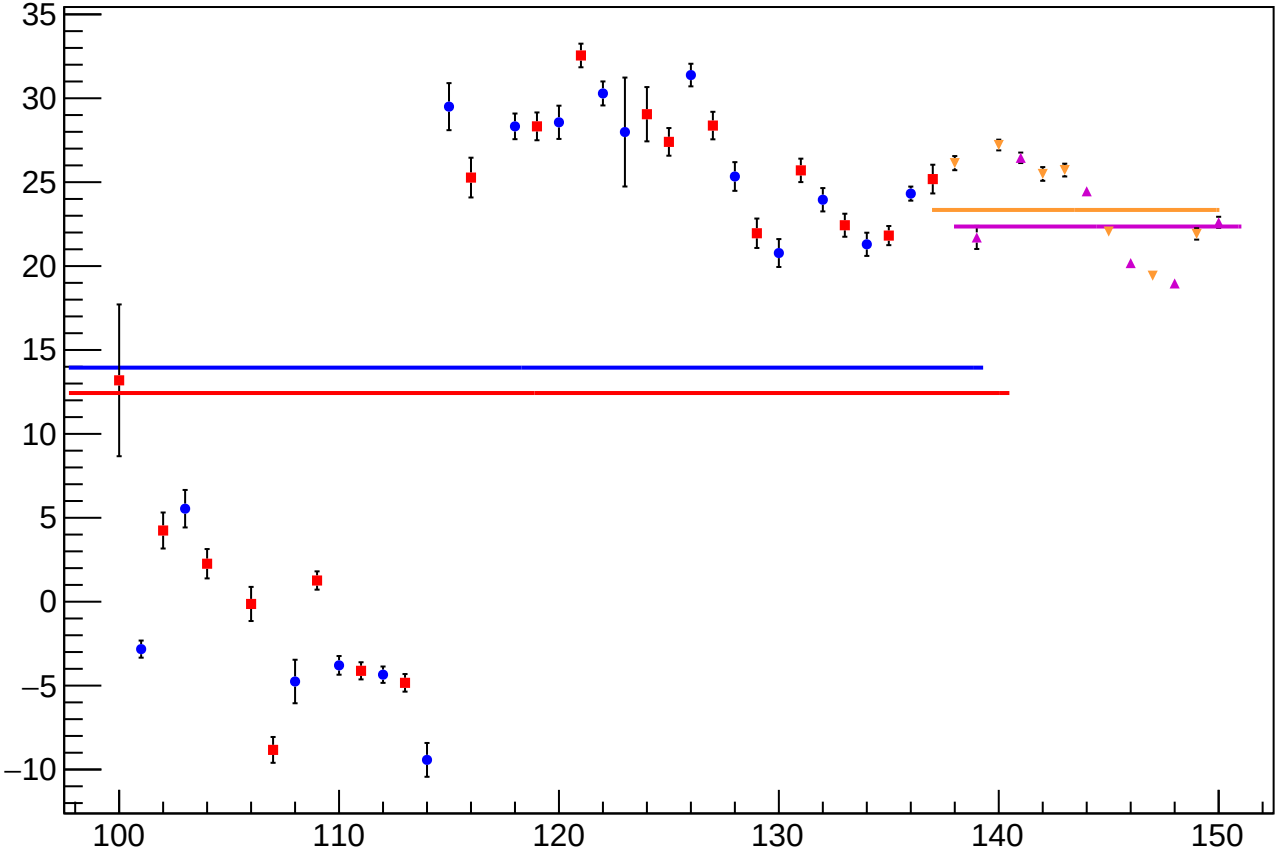
Left In: 28.560+/-0.142 χ^2/NDF:1556.4/5

+ sign 29.991+/-0.127 χ^2/NDF: 2143.1/23

All: 29.547+/-0.089 χ^2/NDF: 4270.8/48

- sign 29.120+/-0.125 χ^2/NDF: 2103.8/24

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: 23.345+/-0.121 χ^2/NDF:483.9/6

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

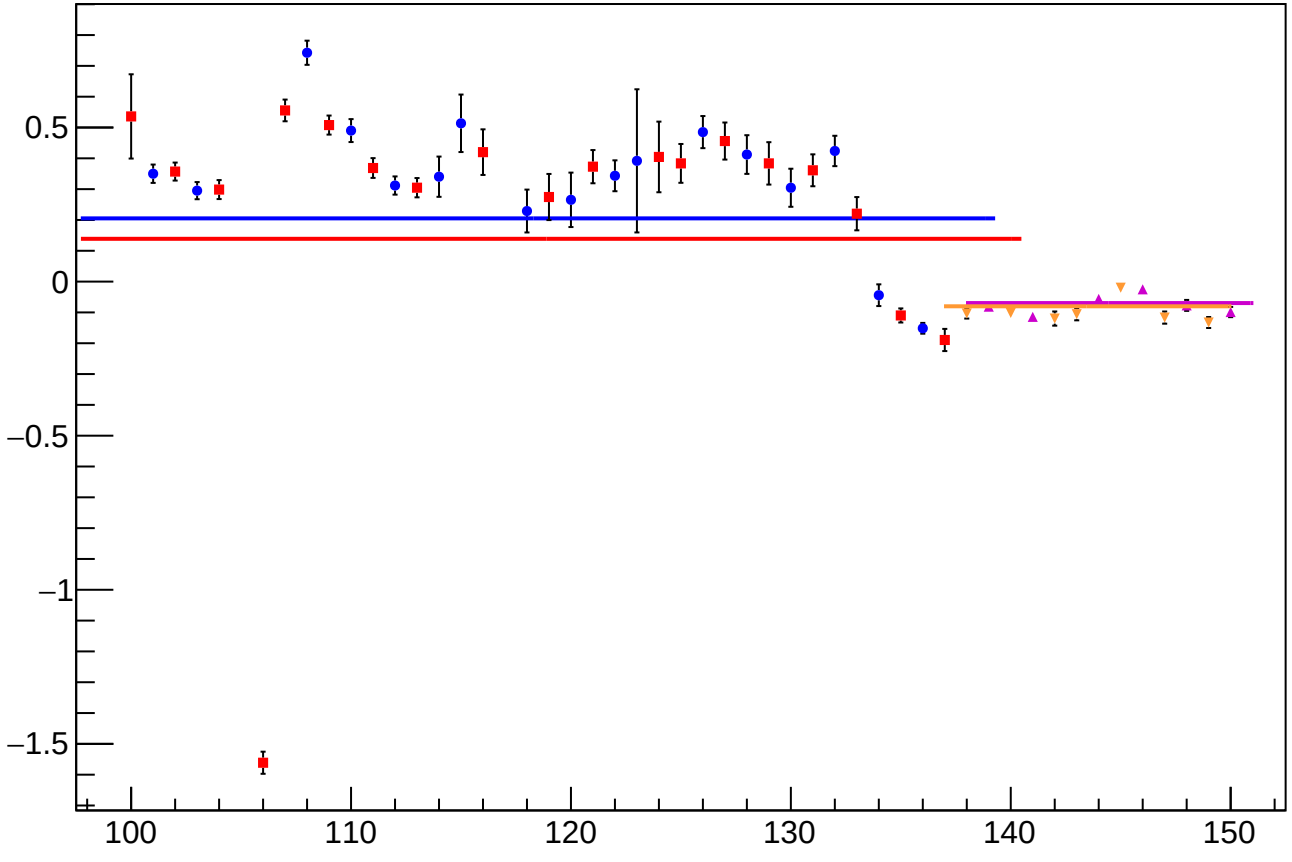
Left In: 22.357+/-0.118 χ^2/NDF:482.0/5

+ sign 20.224+/-0.099 χ^2/NDF: 9870.2/23

All: 19.719+/-0.070 χ^2/NDF: 19601.6/48

- sign 19.230+/-0.098 χ^2/NDF: 9680.3/24

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: -0.080+/-0.006 χ^2/NDF:56.1/6

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

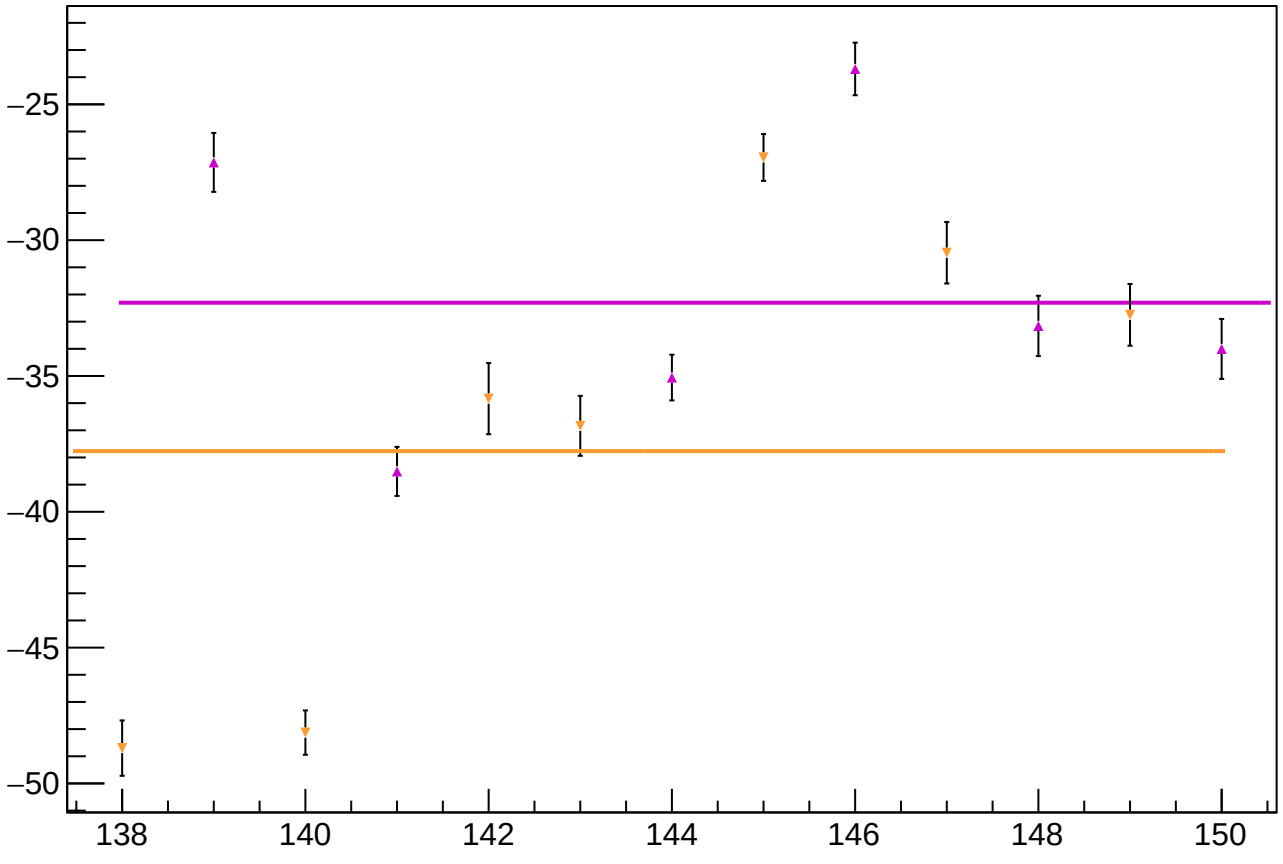
Left In: -0.070+/-0.006 χ^2/NDF:25.5/5

+ sign 0.003+/-0.005 χ^2/NDF: 1561.5/23

All: -0.002+/-0.004 χ^2/NDF: 4966.9/48

- sign -0.008+/-0.005 χ^2/NDF: 3403.3/24

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: -37.765+/-0.384 χ^2/NDF:498.0/6

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

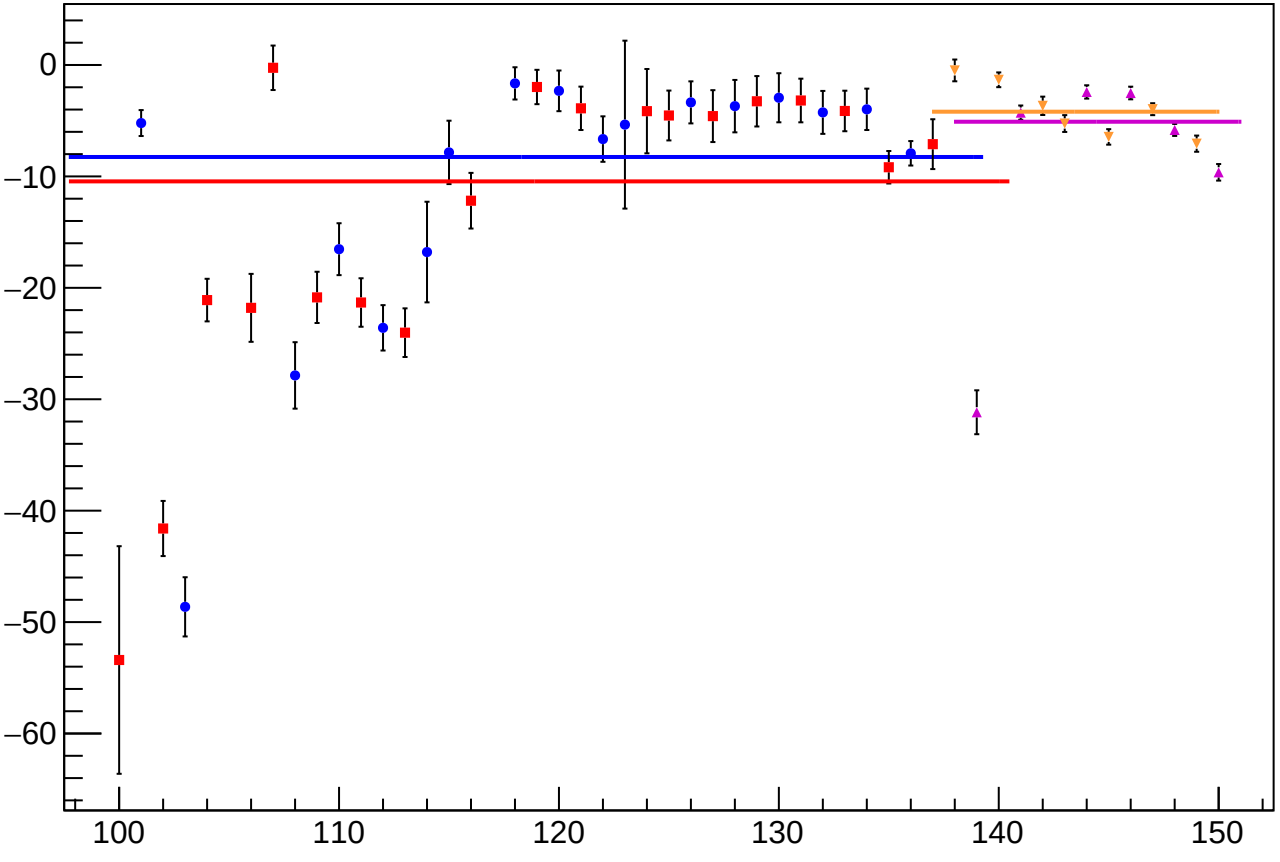
Left In: -32.302+/-0.402 χ^2/NDF:162.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.158+/-0.278 χ^2/NDF: 757.1/12

- 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: -4.192+/-0.267 χ^2/NDF:61.8/6

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

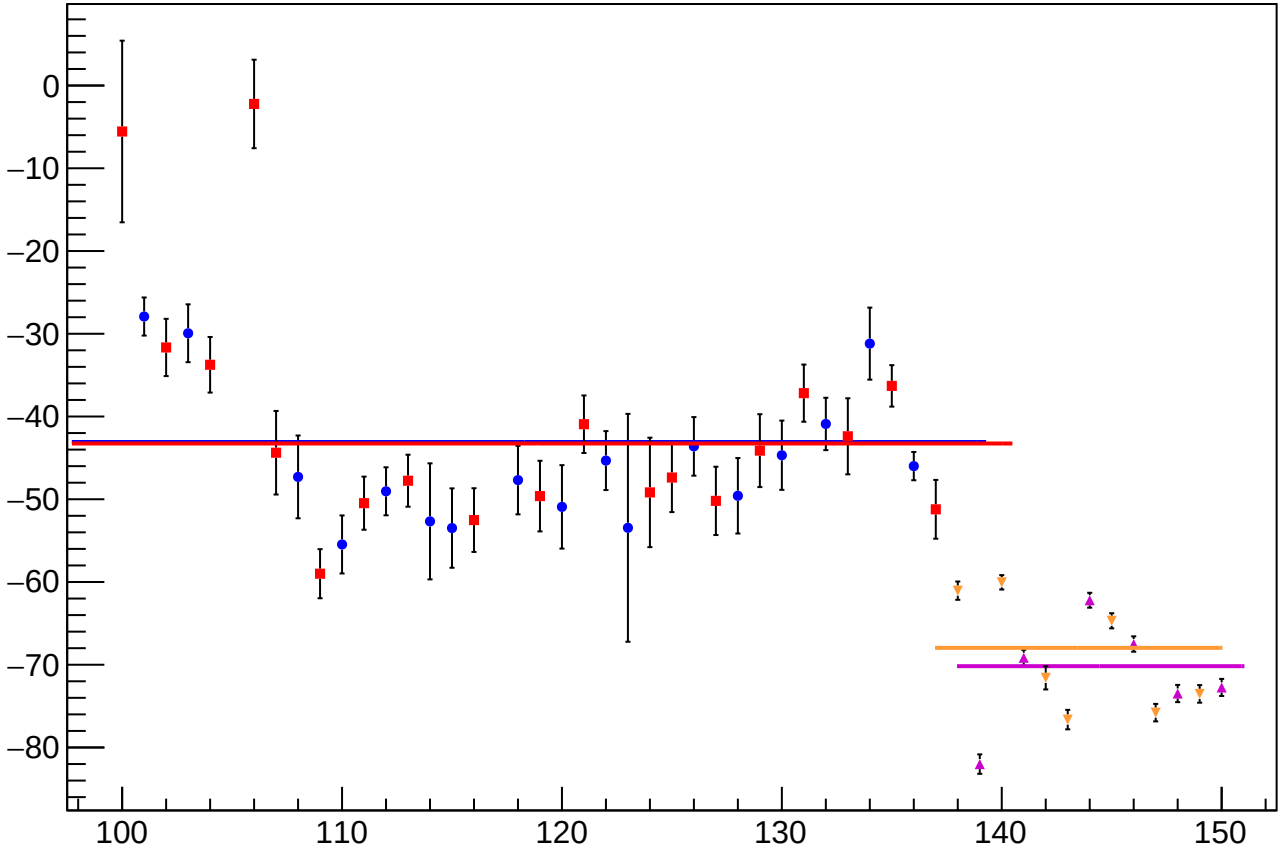
Left In: -5.093+/-0.269 χ^2/NDF:256.5/5

+ sign -5.211+/-0.231 χ^2/NDF: 532.0/23

All: -5.758+/-0.165 χ^2/NDF: 1319.6/48

- sign -6.328+/-0.236 χ^2/NDF: 776.3/24

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: -67.958+/-0.397 χ^2/NDF:278.3/6

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

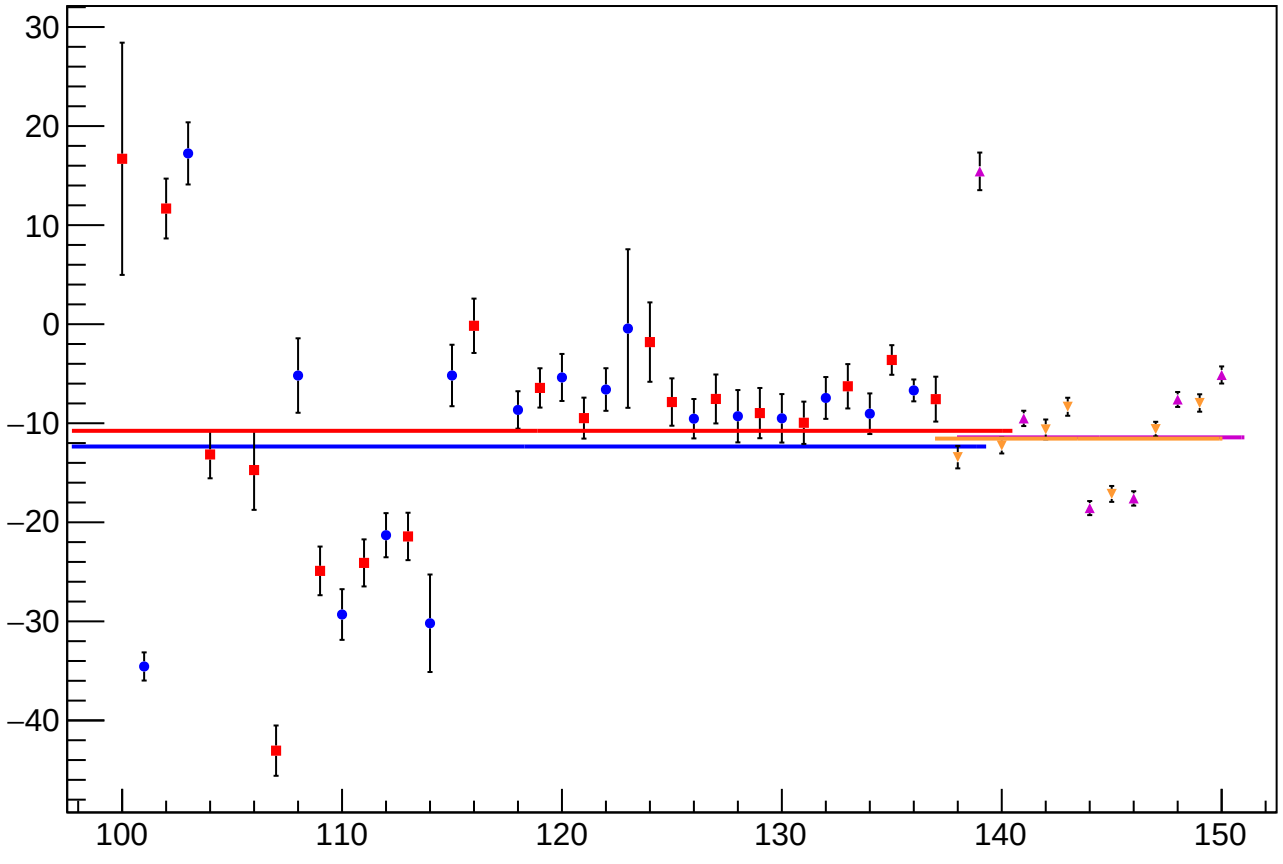
Left In: -70.174+/-0.406 χ^2/NDF:205.7/5

+ sign -63.369+/-0.358 χ^2/NDF: 1102.6/23

All: -64.324+/-0.257 χ^2/NDF: 2268.2/48

- sign -65.330+/-0.368 χ^2/NDF: 1151.0/24

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348+/-0.520 χ^2/NDF: 475.9/16

Left Out: -11.550+/-0.329 χ^2/NDF:83.7/6

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

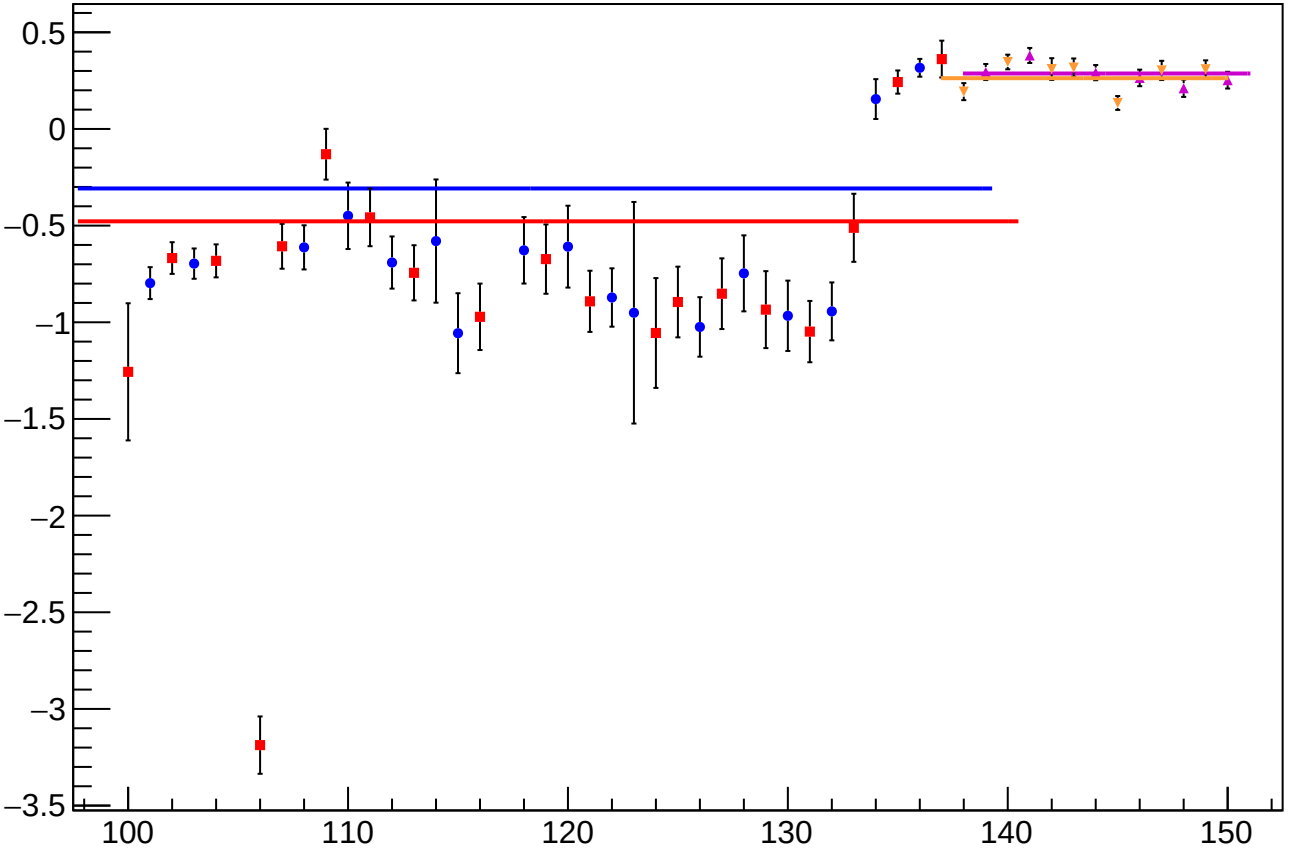
Left In: -11.425+/-0.335 χ^2/NDF:458.0/5

+ sign -11.778+/-0.278 χ^2/NDF: 561.3/23

All: -11.521+/-0.200 χ^2/NDF: 1388.7/48

- sign -11.248+/-0.287 χ^2/NDF: 825.7/24

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: 0.263+/-0.017 χ^2/NDF:23.8/6

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

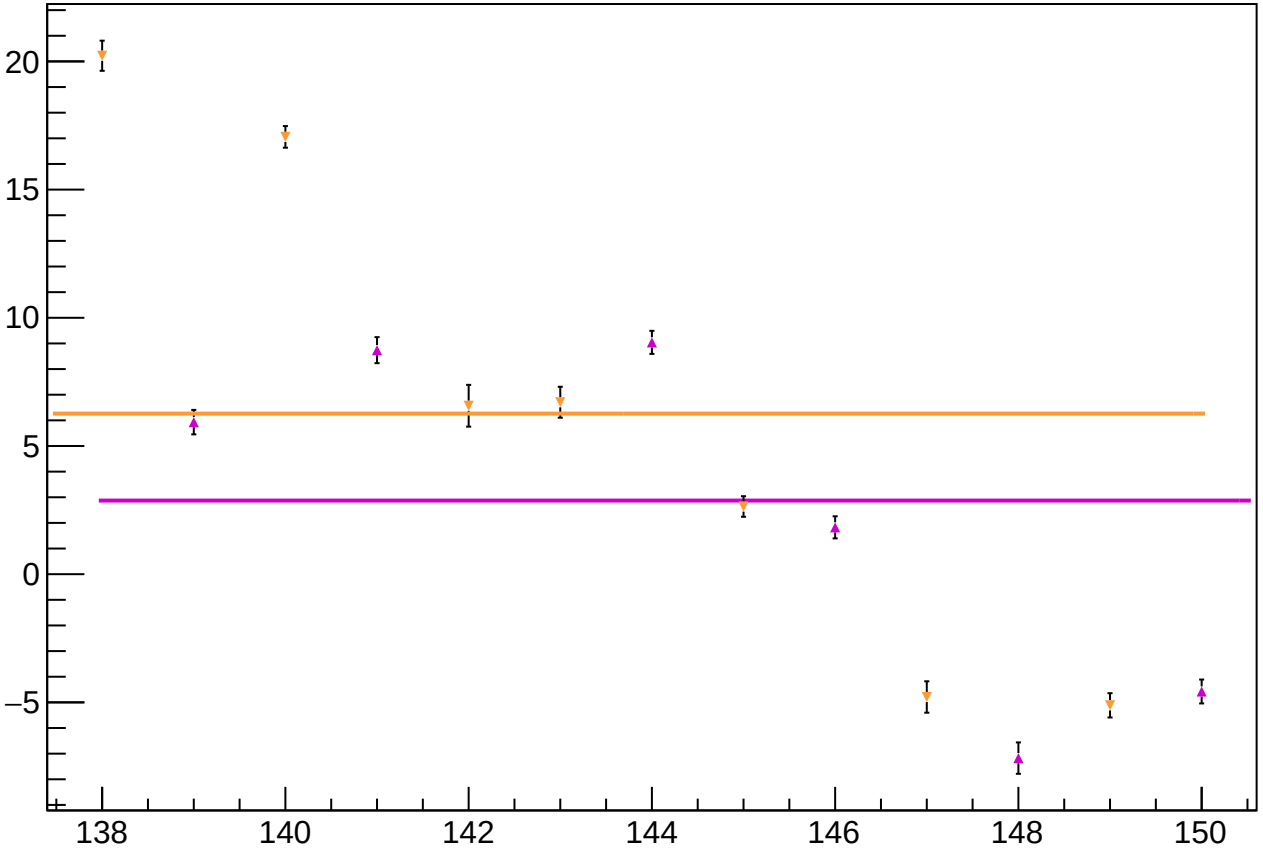
Left In: 0.287+/-0.017 χ^2/NDF:9.6/5

+ sign 0.110+/-0.014 χ^2/NDF: 711.3/23

All: 0.099+/-0.010 χ^2/NDF: 1883.9/48

- sign 0.087+/-0.015 χ^2/NDF: 1171.3/24

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: 6.263+/-0.196 χ^2/NDF:2202.7/6

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

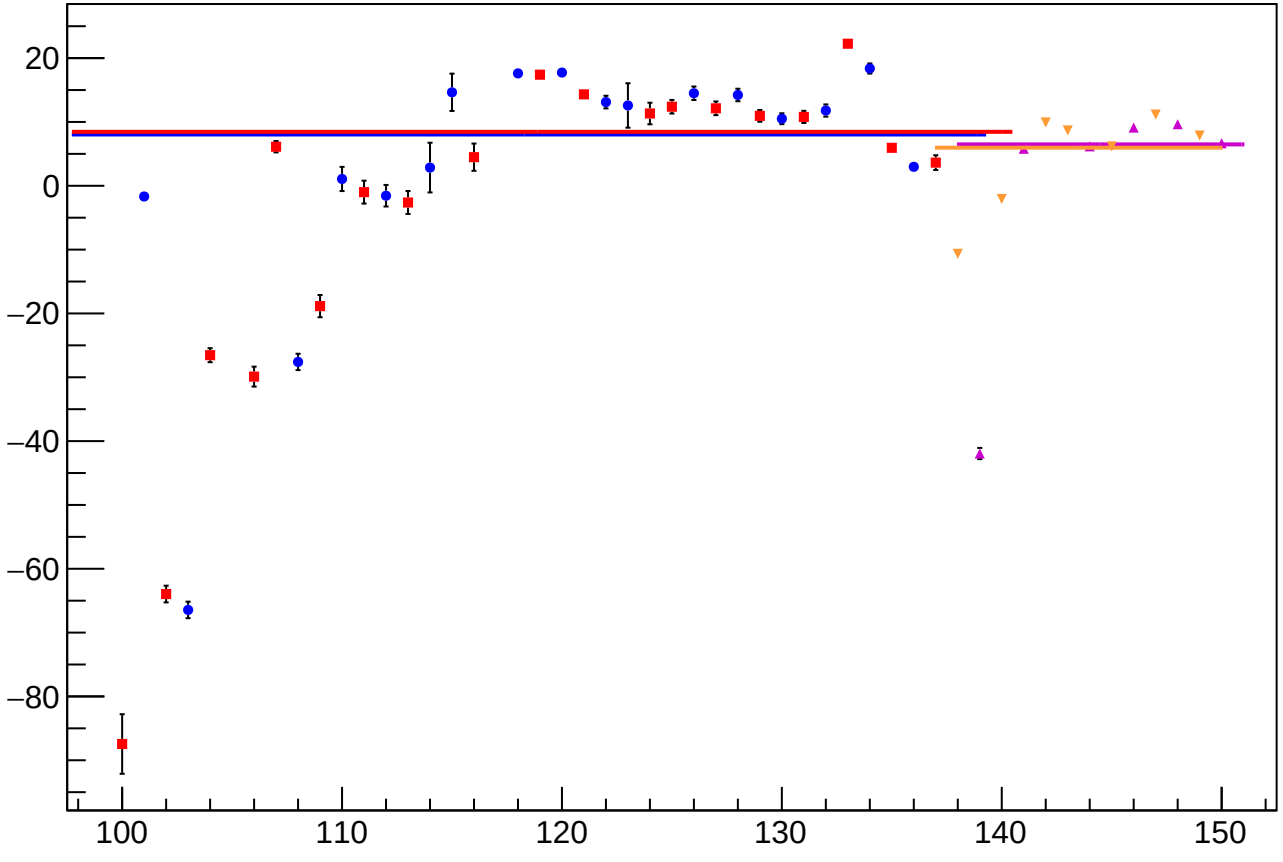
Left In: 2.871+/-0.197 χ^2/NDF:893.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.574+/-0.139 χ^2/NDF: 3246.0/12

- 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: 5.969+/-0.139 χ^2/NDF:1755.0/6

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

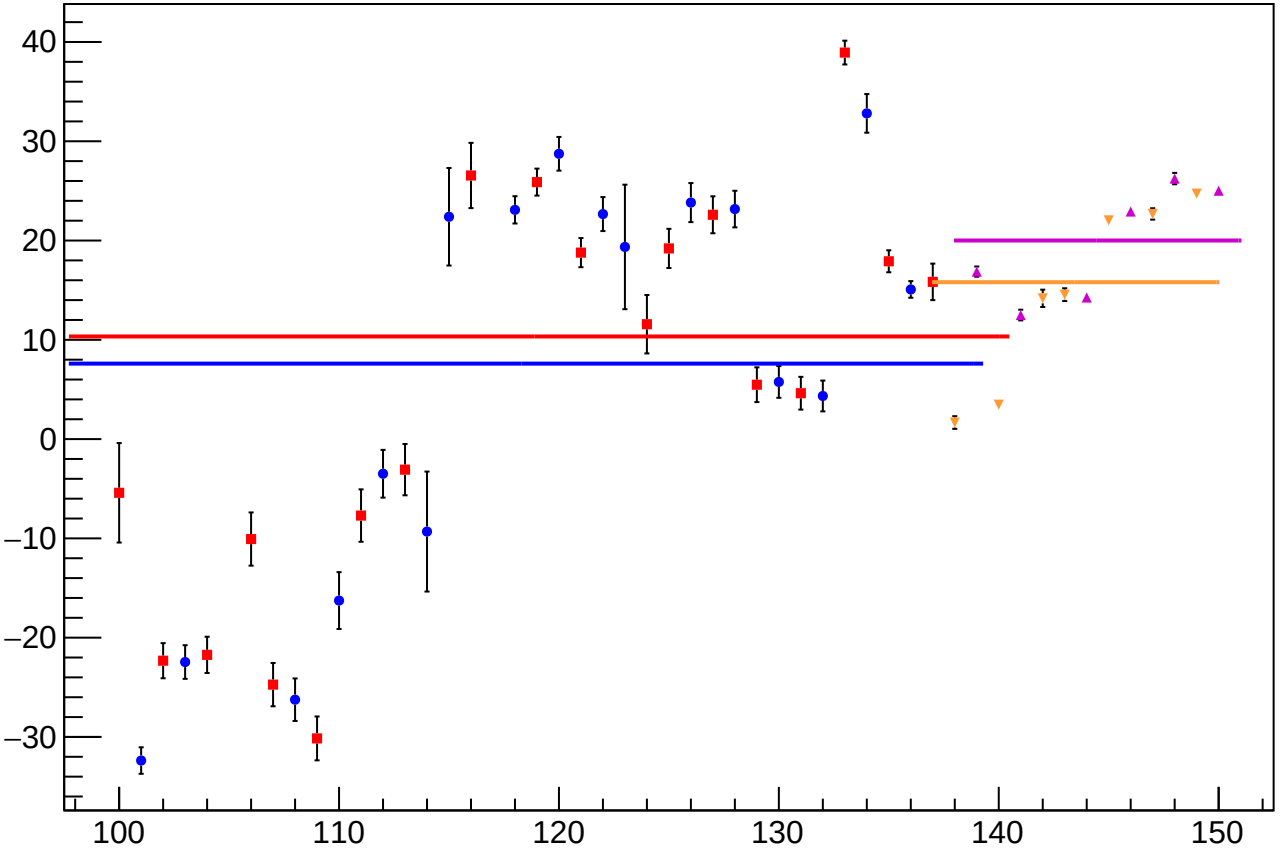
Left In: 6.484+/-0.138 χ^2/NDF:3236.1/5

+ sign 6.576+/-0.117 χ^2/NDF: 7189.6/23

All: 6.822+/-0.082 χ^2/NDF: 17199.1/48

- sign 7.066+/-0.116 χ^2/NDF: 10000.6/24

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: 15.805+/-0.201 χ^2/NDF:2016.3/6

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

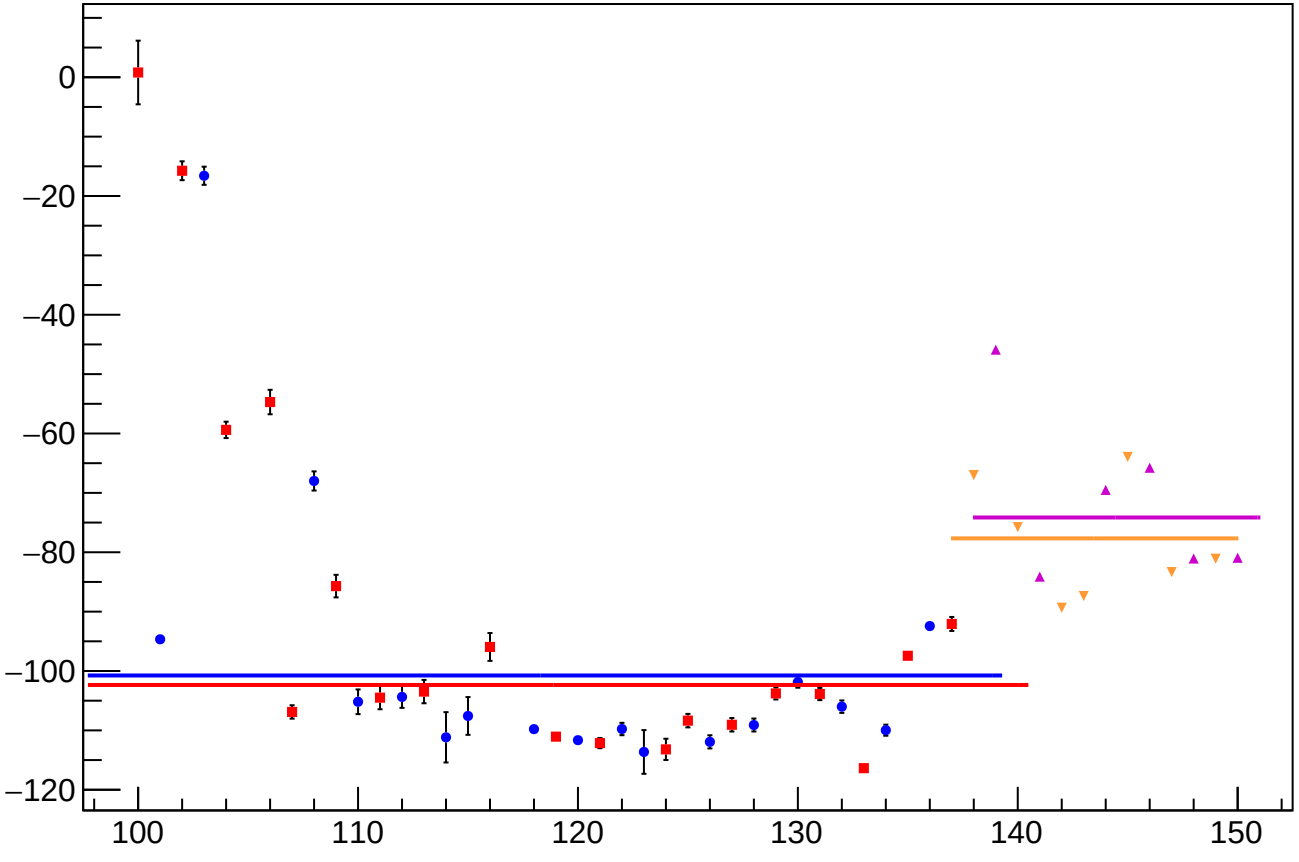
Left In: 20.006+/-0.198 χ^2/NDF:672.7/5

+ sign 14.255+/-0.181 χ^2/NDF: 4656.9/23

All: 16.268+/-0.127 χ^2/NDF: 8296.4/48

- sign 18.231+/-0.178 χ^2/NDF: 3394.6/24

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: -77.662+/-0.169 χ^2/NDF:2588.0/6

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

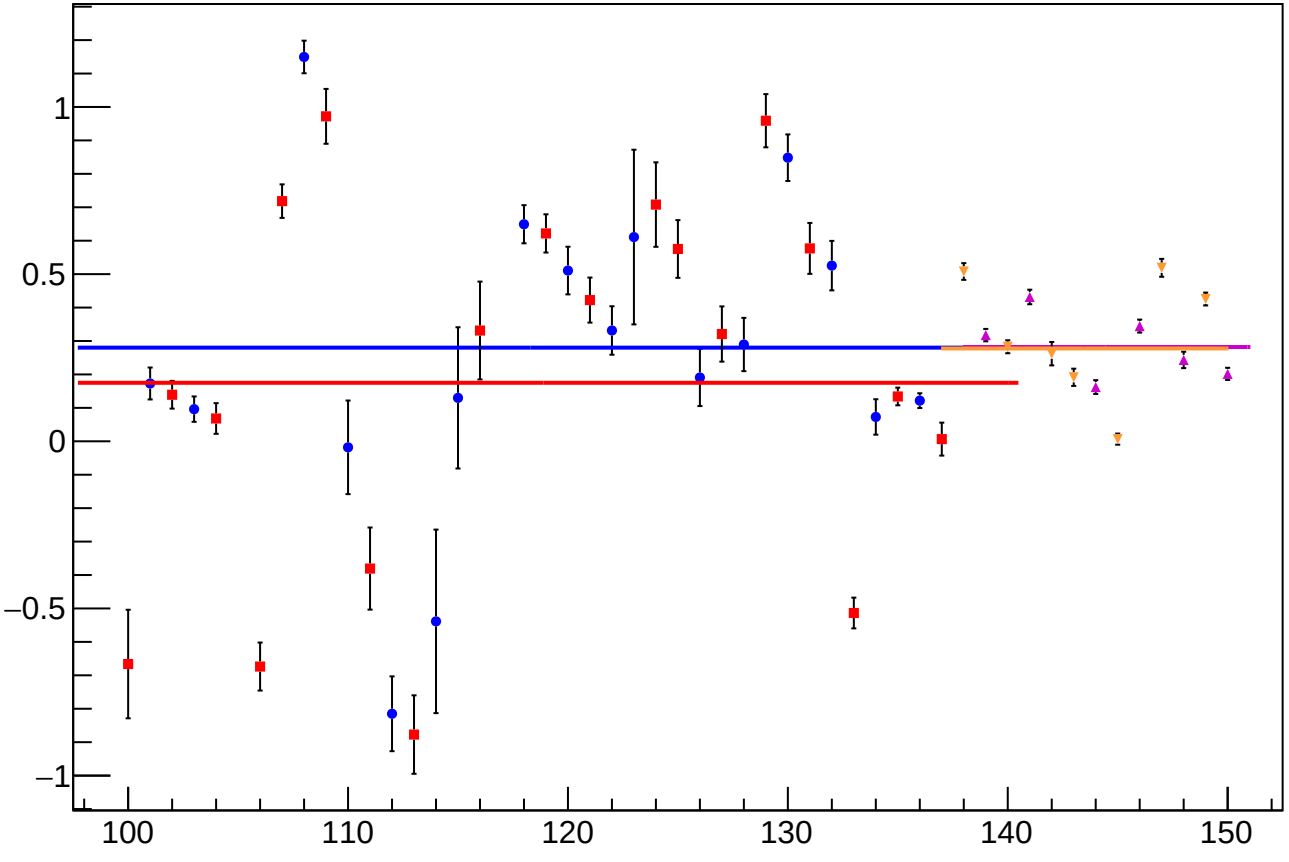
Left In: -74.145+/-0.169 χ^2/NDF:2993.2/5

+ sign -85.006+/-0.140 χ^2/NDF: 13021.9/23

All: -84.072+/-0.099 χ^2/NDF: 31119.2/48

- sign -83.148+/-0.139 χ^2/NDF: 18008.6/24

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: 0.278+/-0.008 χ^2/NDF:501.4/6

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

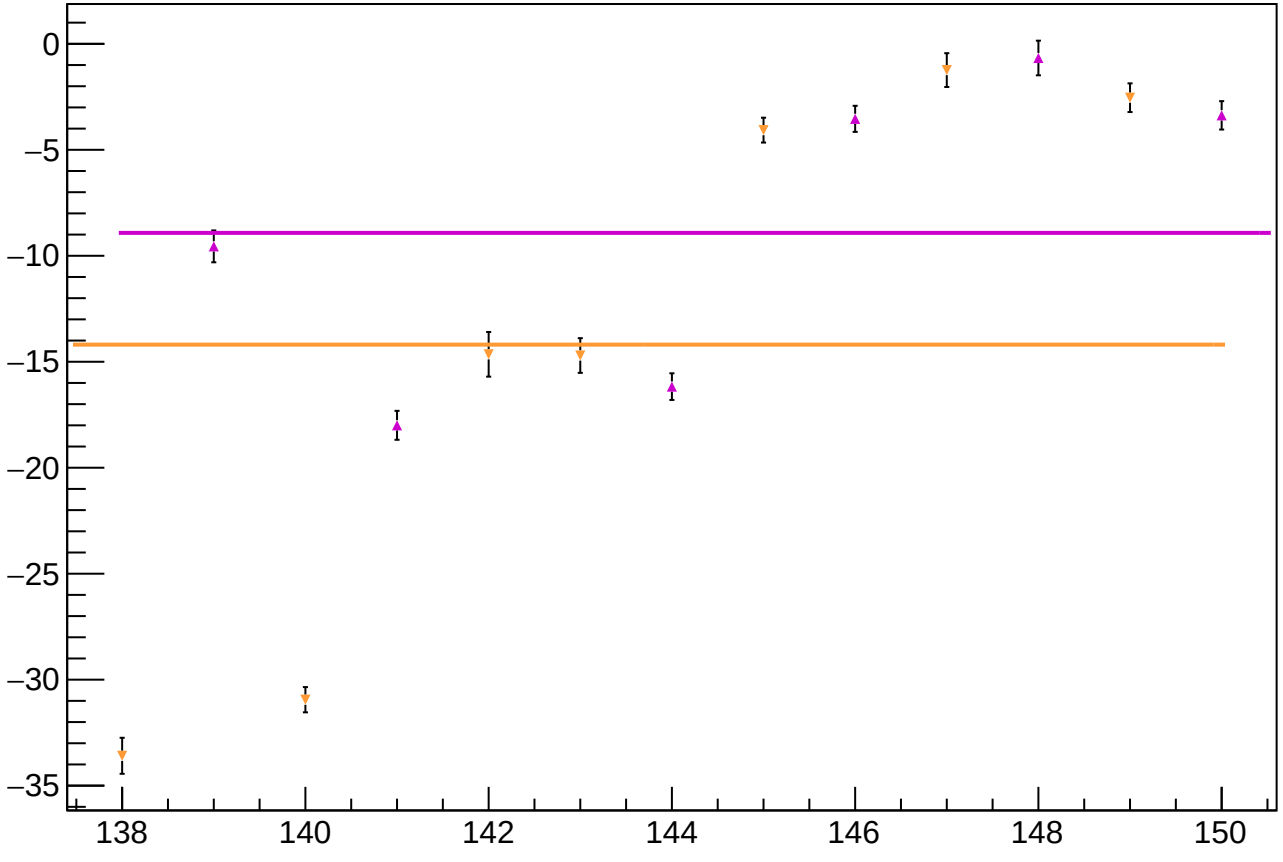
Left In: 0.282+/-0.008 χ^2/NDF:116.8/5

+ sign 0.278+/-0.007 χ^2/NDF: 1157.4/23

All: 0.265+/-0.005 χ^2/NDF: 2293.5/48

- sign 0.253+/-0.007 χ^2/NDF: 1129.5/24

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -14.192+/-0.275 χ^2/NDF:2170.3/6

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

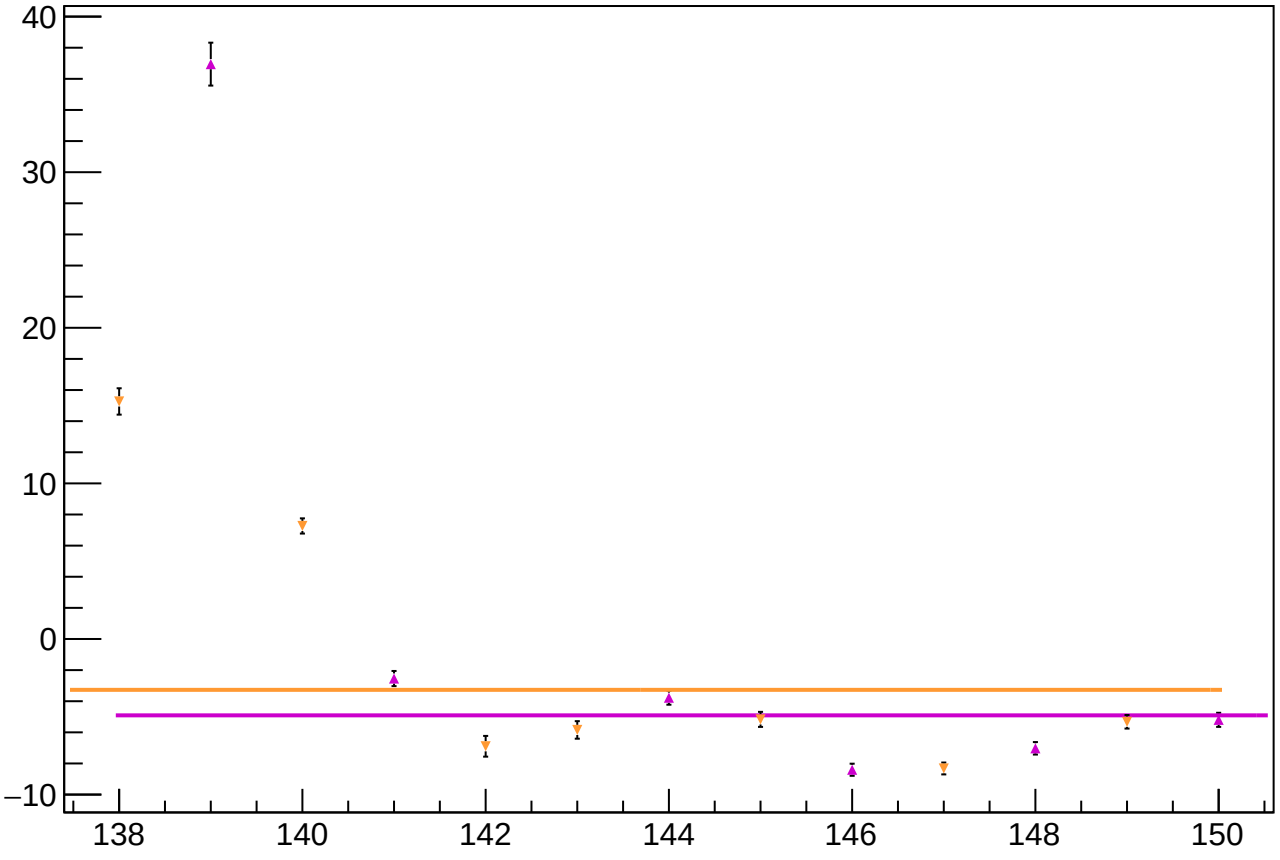
Left In: -8.919+/-0.279 χ^2/NDF:557.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.601+/-0.196 χ^2/NDF: 2908.8/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -3.269+/-0.191 χ^2/NDF:1206.8/6

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

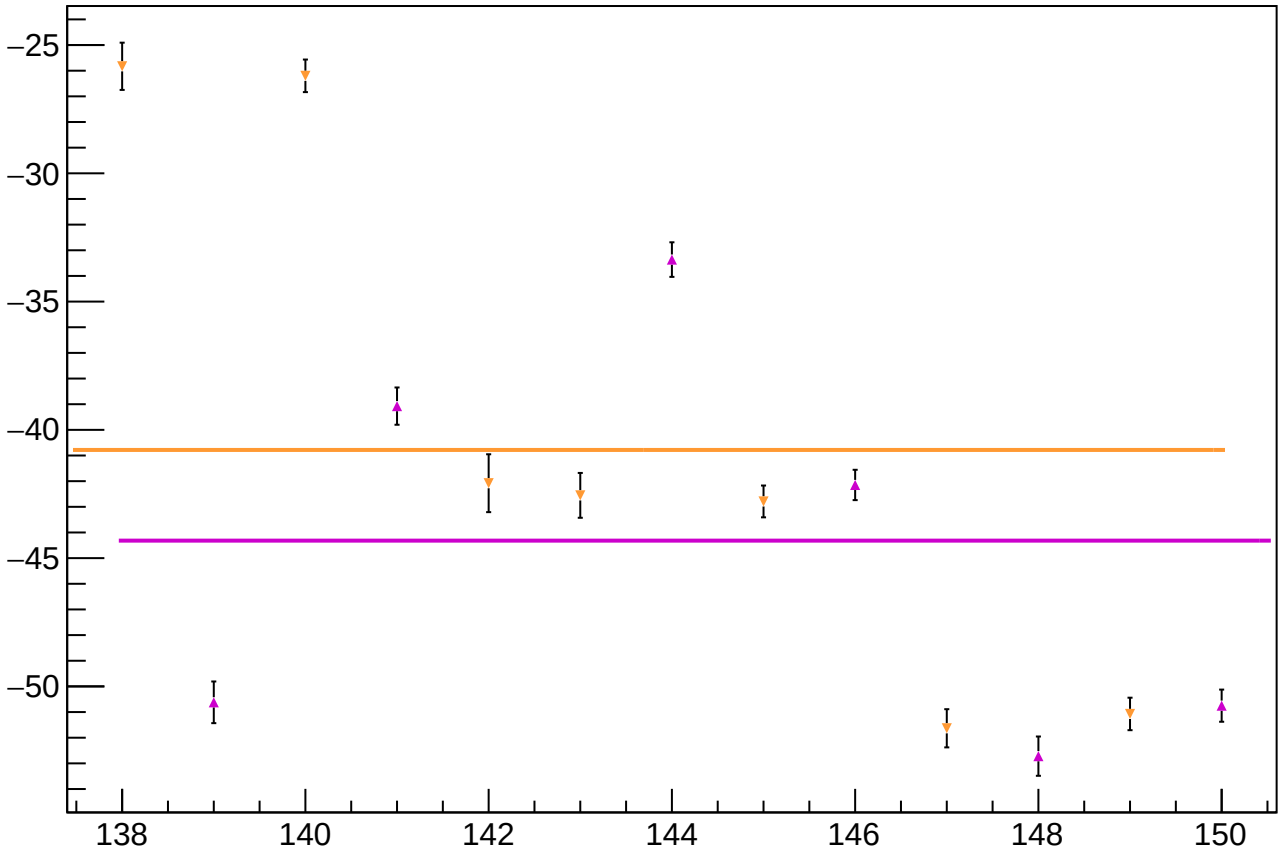
Left In: -4.908+/-0.191 χ^2/NDF:1059.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.087+/-0.135 χ^2/NDF: 2303.4/12

- 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: -40.783+/-0.281 χ^2/NDF:1283.9/6

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

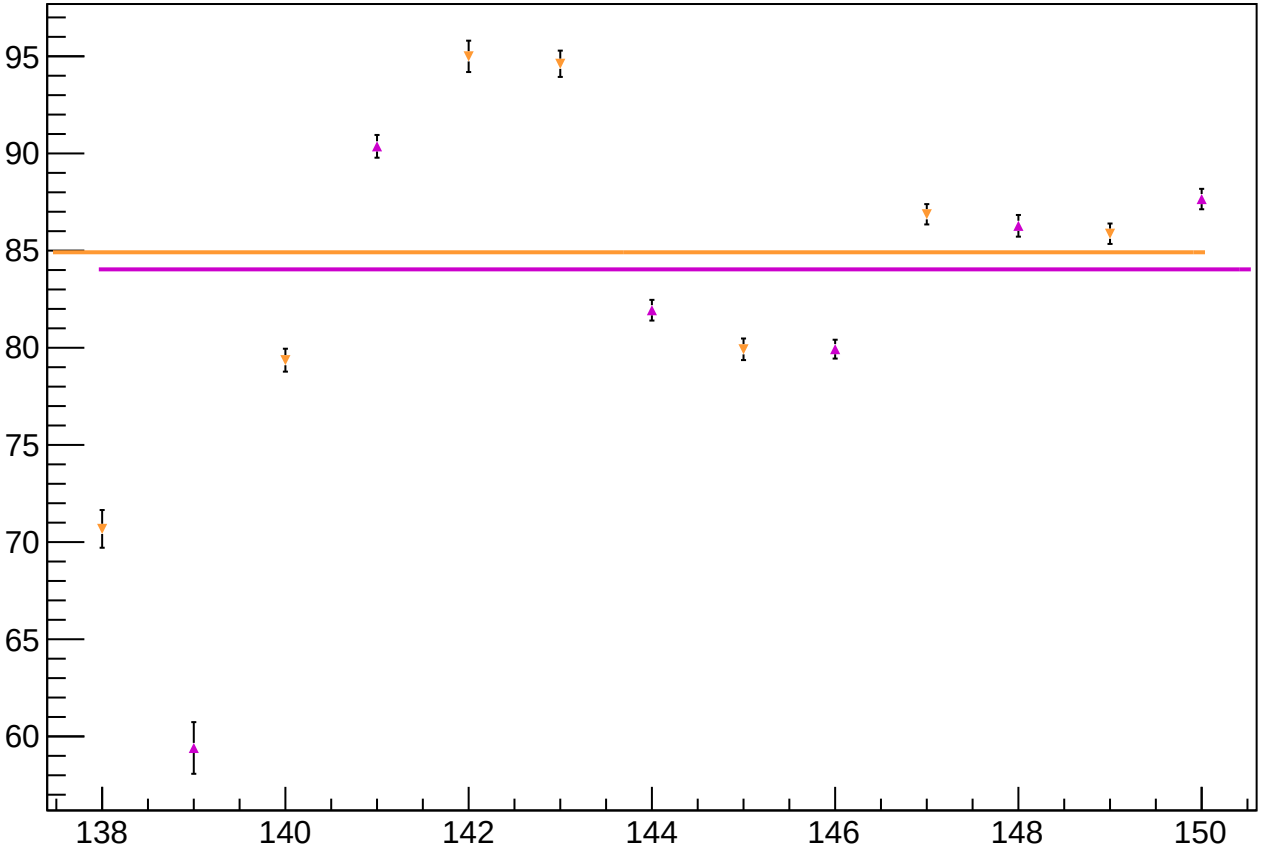
Left In: -44.318+/-0.280 χ^2/NDF:615.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -42.555+/-0.198 χ^2/NDF: 1979.0/12

- 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: 84.914+/-0.235 χ^2/NDF:763.0/6

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

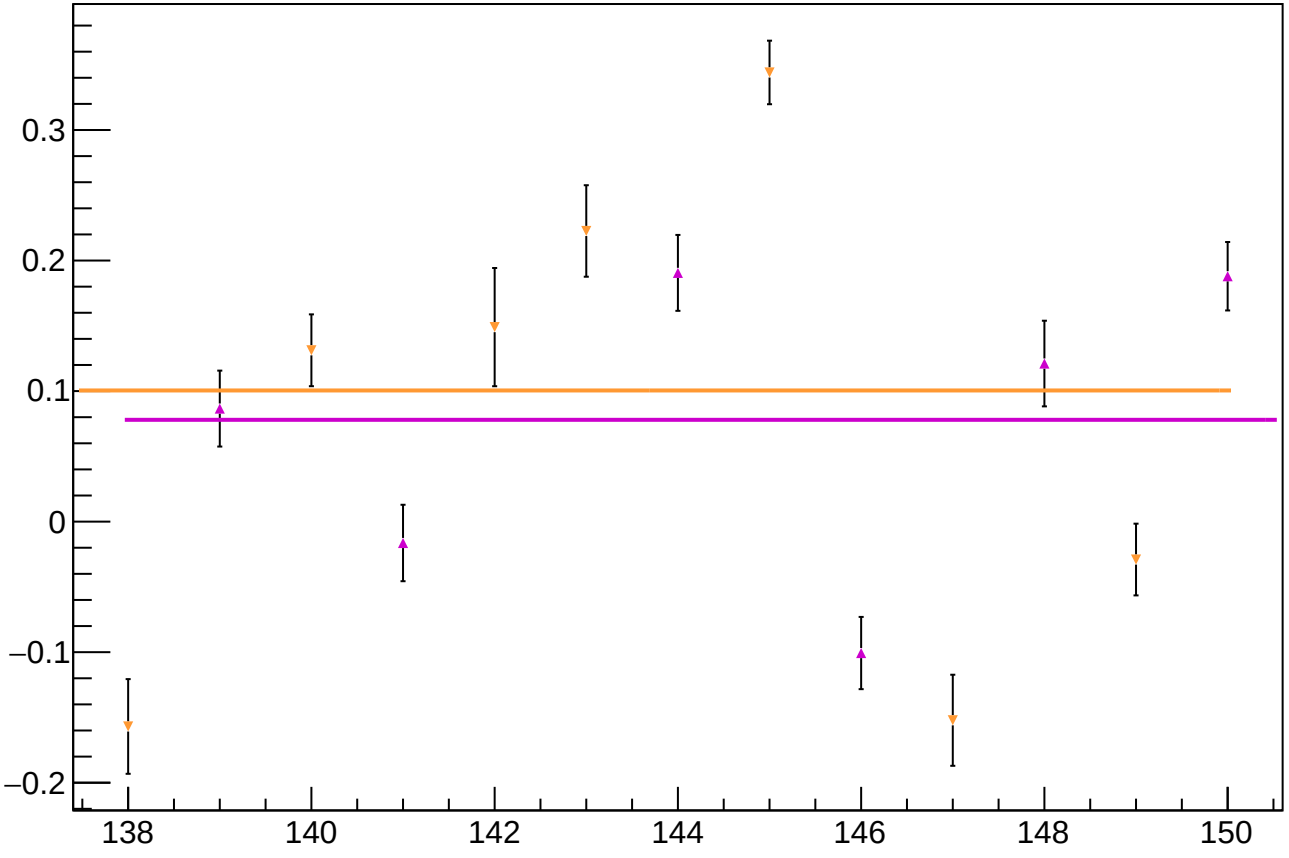
Left In: 84.034+/-0.235 χ^2/NDF:610.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 84.475+/-0.166 χ^2/NDF: 1380.9/12

- 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: 0.100+/-0.012 χ^2/NDF:239.8/6

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

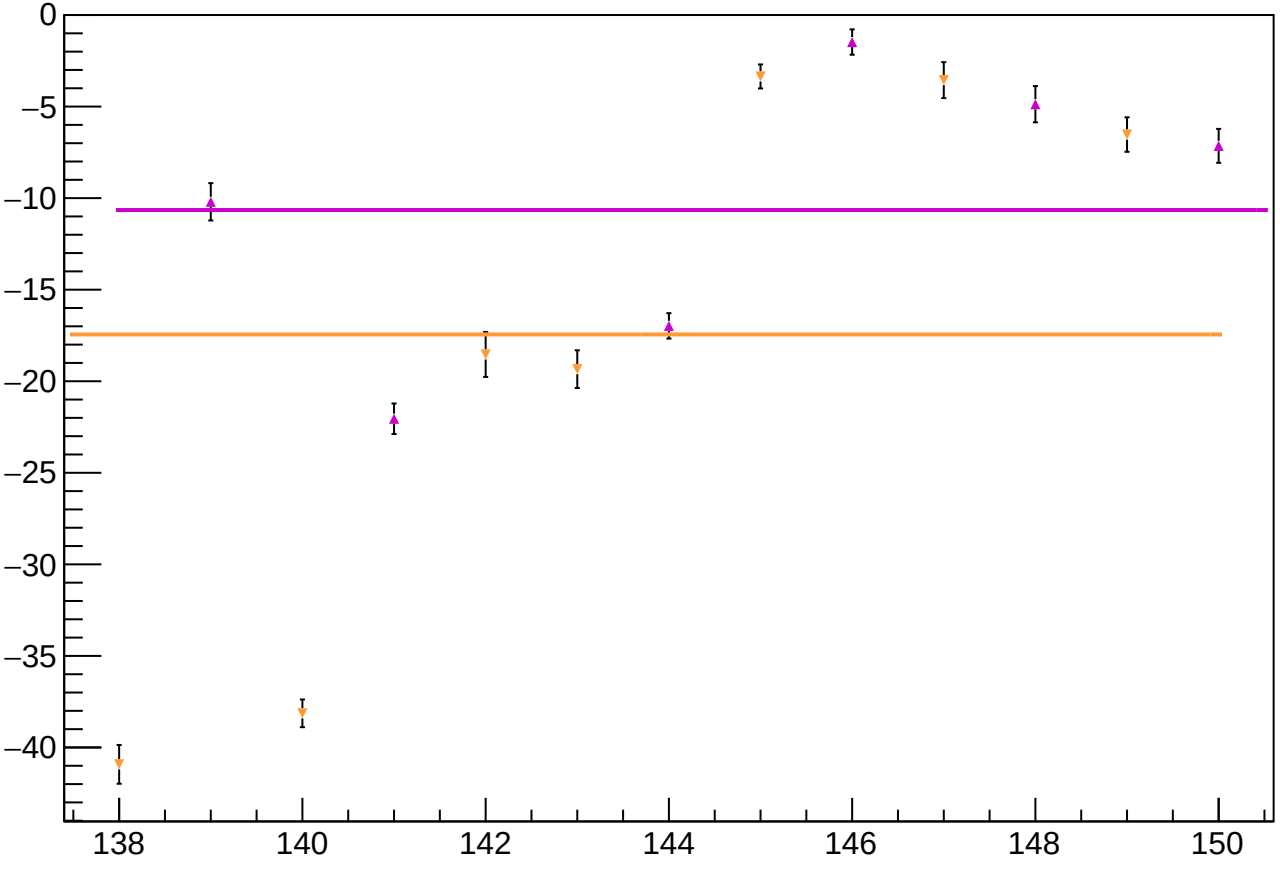
Left In: 0.078+/-0.012 χ^2/NDF:86.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.089+/-0.008 χ^2/NDF: 328.1/12

- 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: -17.444+/-0.338 χ^2/NDF:2040.9/6

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

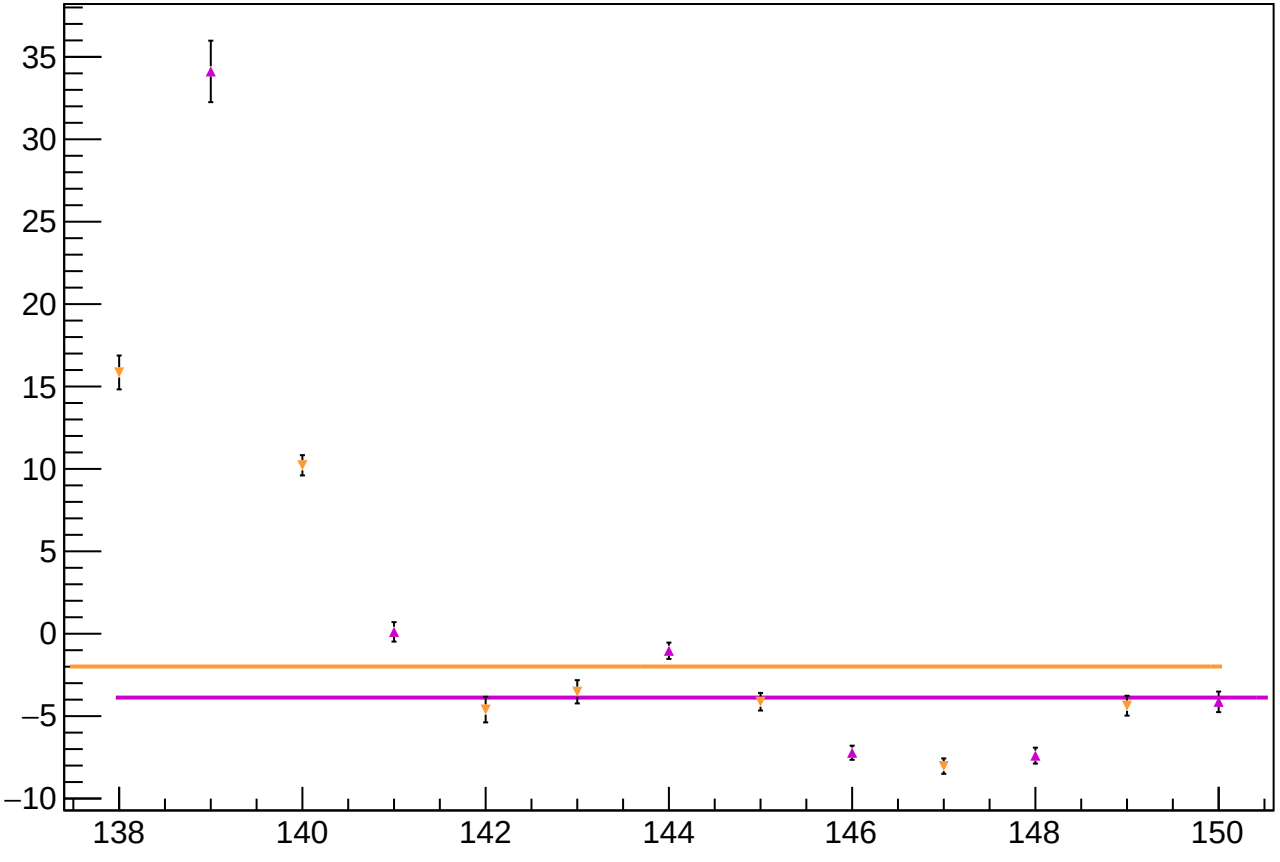
Left In: -10.650+/-0.338 χ^2/NDF:494.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.044+/-0.239 χ^2/NDF: 2737.4/12

- 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: -1.989+/-0.235 χ^2/NDF:912.0/6

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

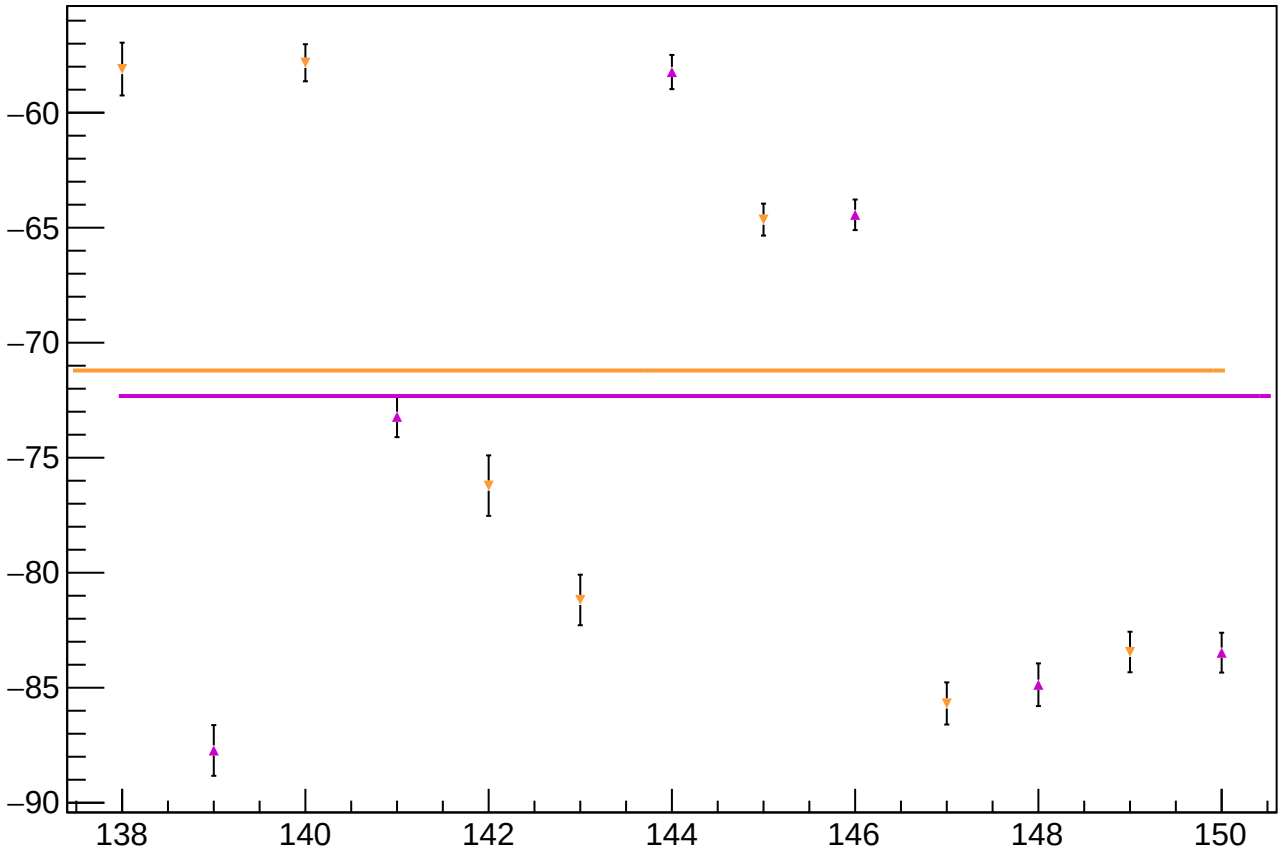
Left In: -3.875+/-0.226 χ^2/NDF:607.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.967+/-0.163 χ^2/NDF: 1553.3/12

- 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: -71.208+/-0.348 χ^2/NDF:1034.8/6

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

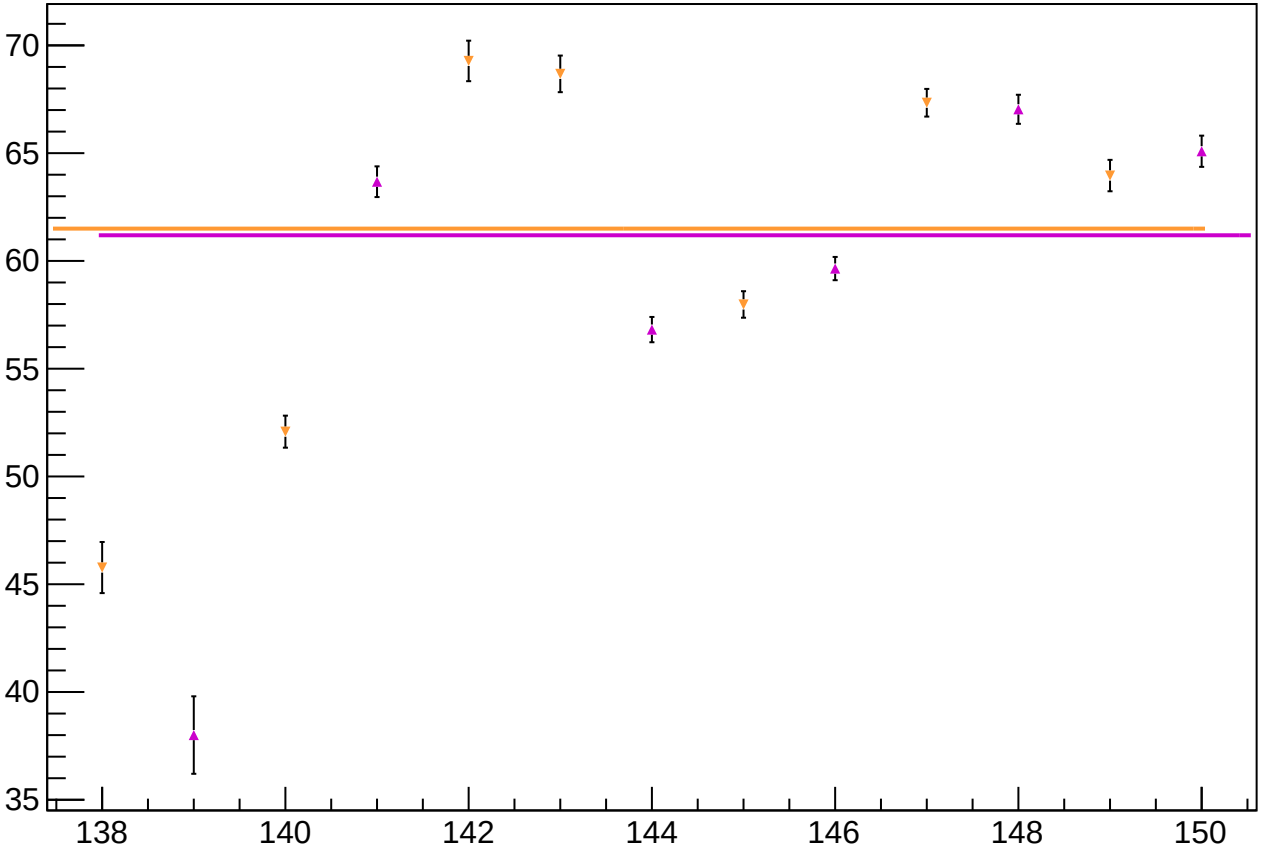
Left In: -72.319+/-0.340 χ^2/NDF:1044.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -71.777+/-0.243 χ^2/NDF: 2084.9/12

- 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: 61.499+/-0.289 χ^2/NDF:603.5/6

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

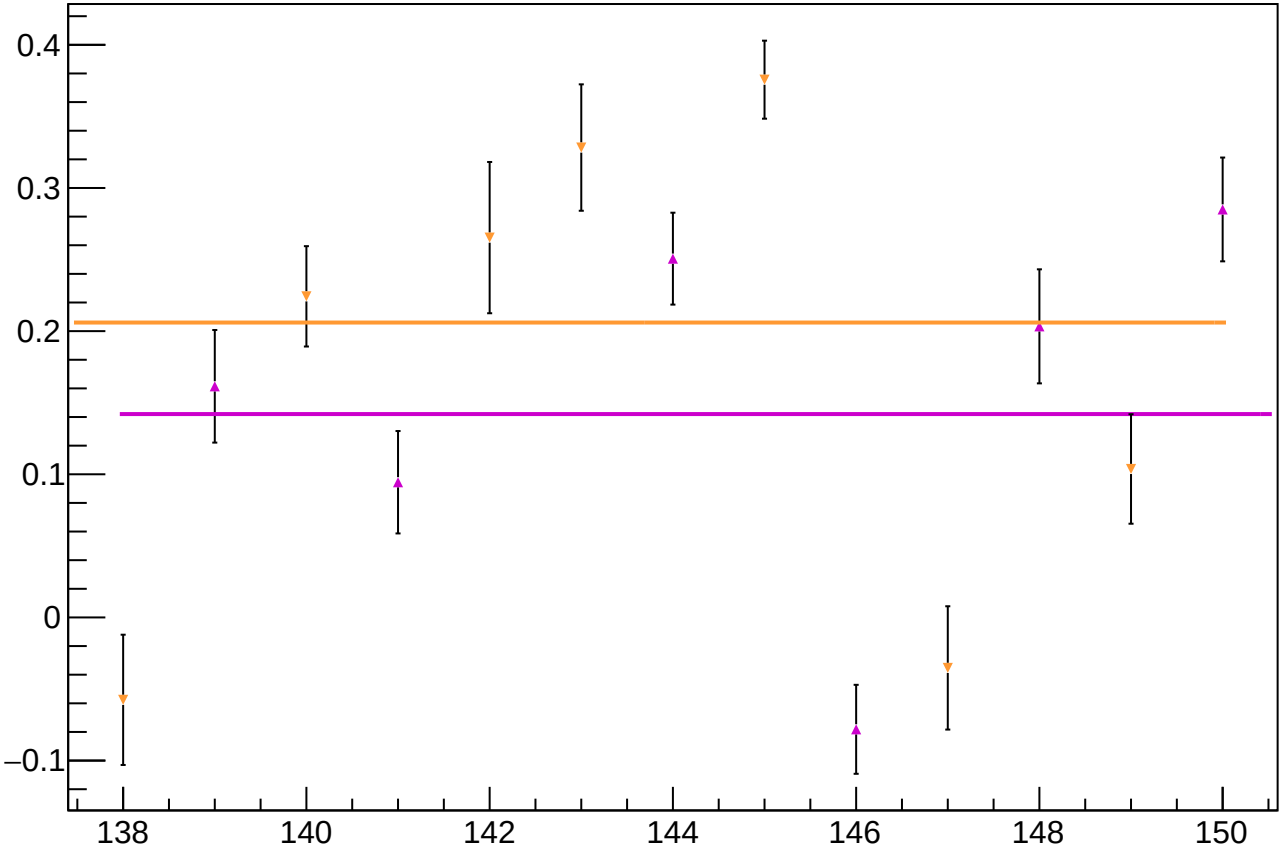
Left In: 61.190+/-0.280 χ^2/NDF:346.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.340+/-0.201 χ^2/NDF: 950.7/12

- 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: 0.206+/-0.015 χ^2/NDF:120.0/6

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

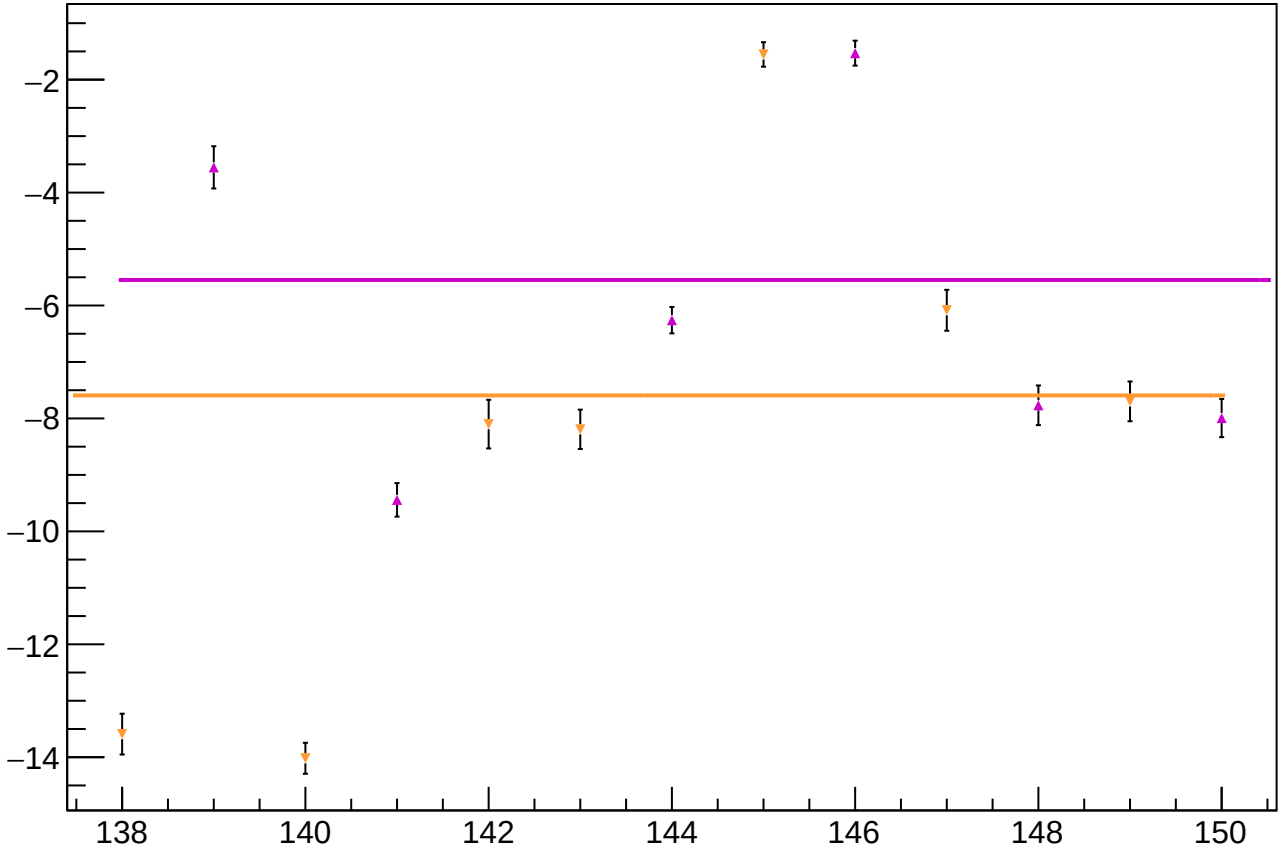
Left In: 0.142+/-0.014 χ^2/NDF:81.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.174+/-0.010 χ^2/NDF: 211.4/12

- 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: -7.592+/-0.118 χ^2/NDF:1619.0/6

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

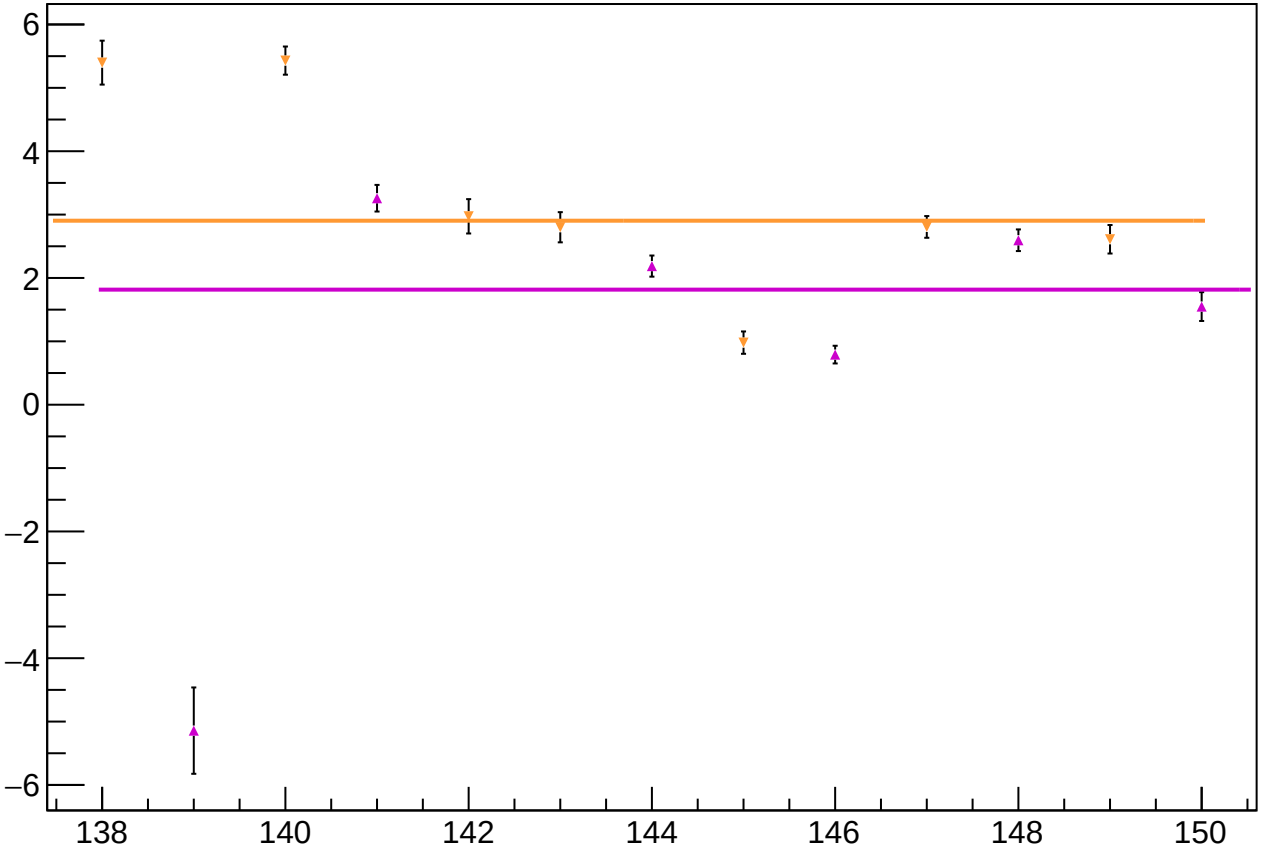
Left In: -5.548+/-0.116 χ^2/NDF:632.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.551+/-0.083 χ^2/NDF: 2403.9/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 2.904+/-0.083 χ^2/NDF:302.3/6

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

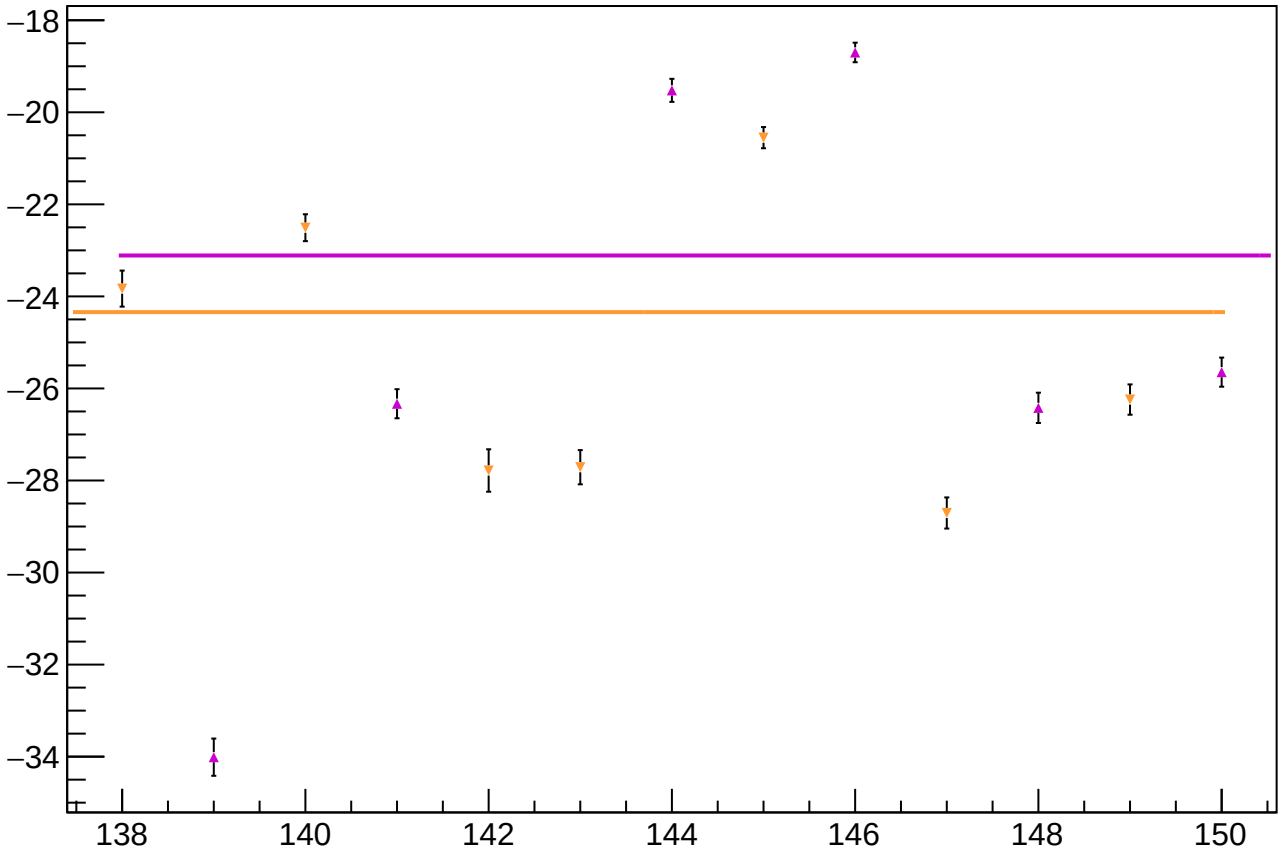
Left In: 1.816+/-0.078 χ^2/NDF:232.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.325+/-0.057 χ^2/NDF: 626.7/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -24.342+/-0.122 χ^2/NDF:649.4/6

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

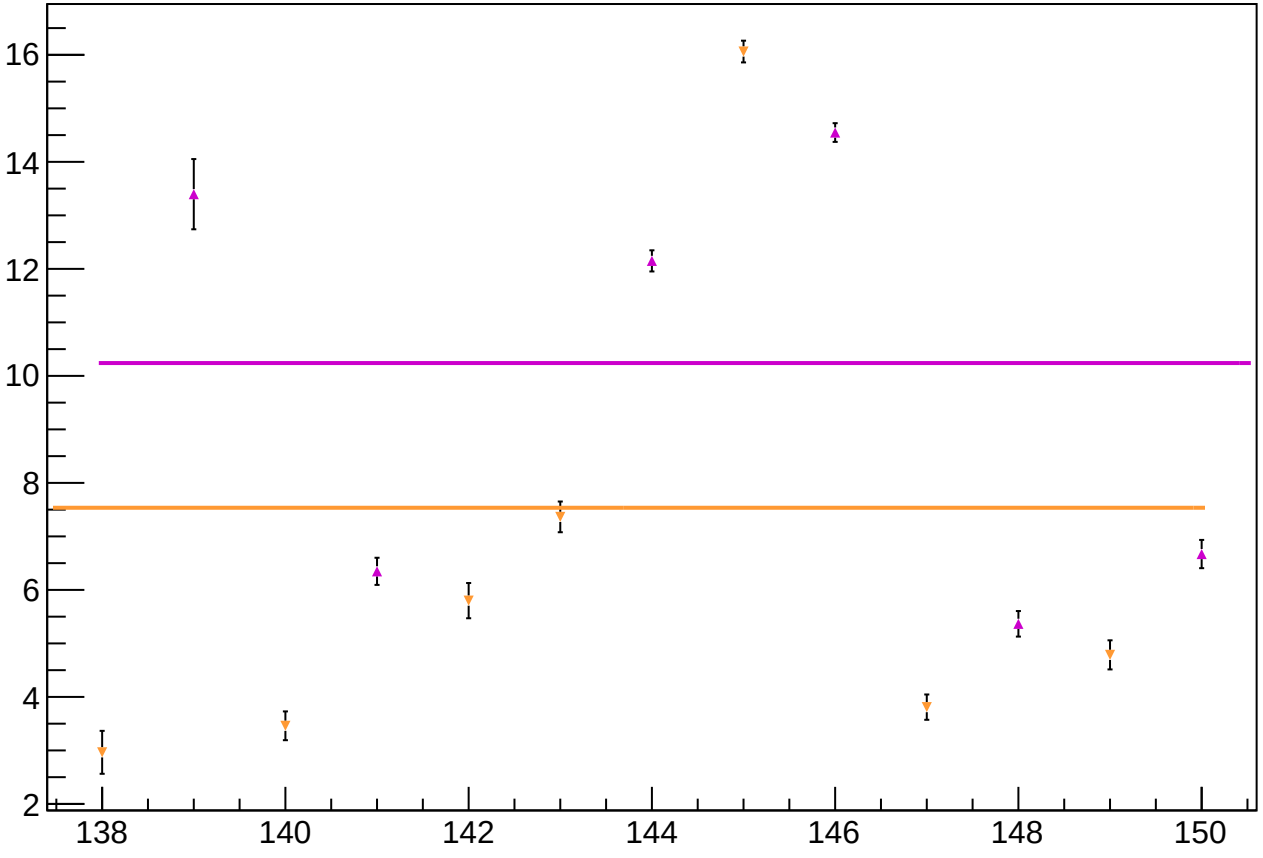
Left In: -23.111+/-0.117 χ^2/NDF:1631.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.698+/-0.084 χ^2/NDF: 2333.9/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 7.535+/-0.102 χ^2/NDF:2498.0/6

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

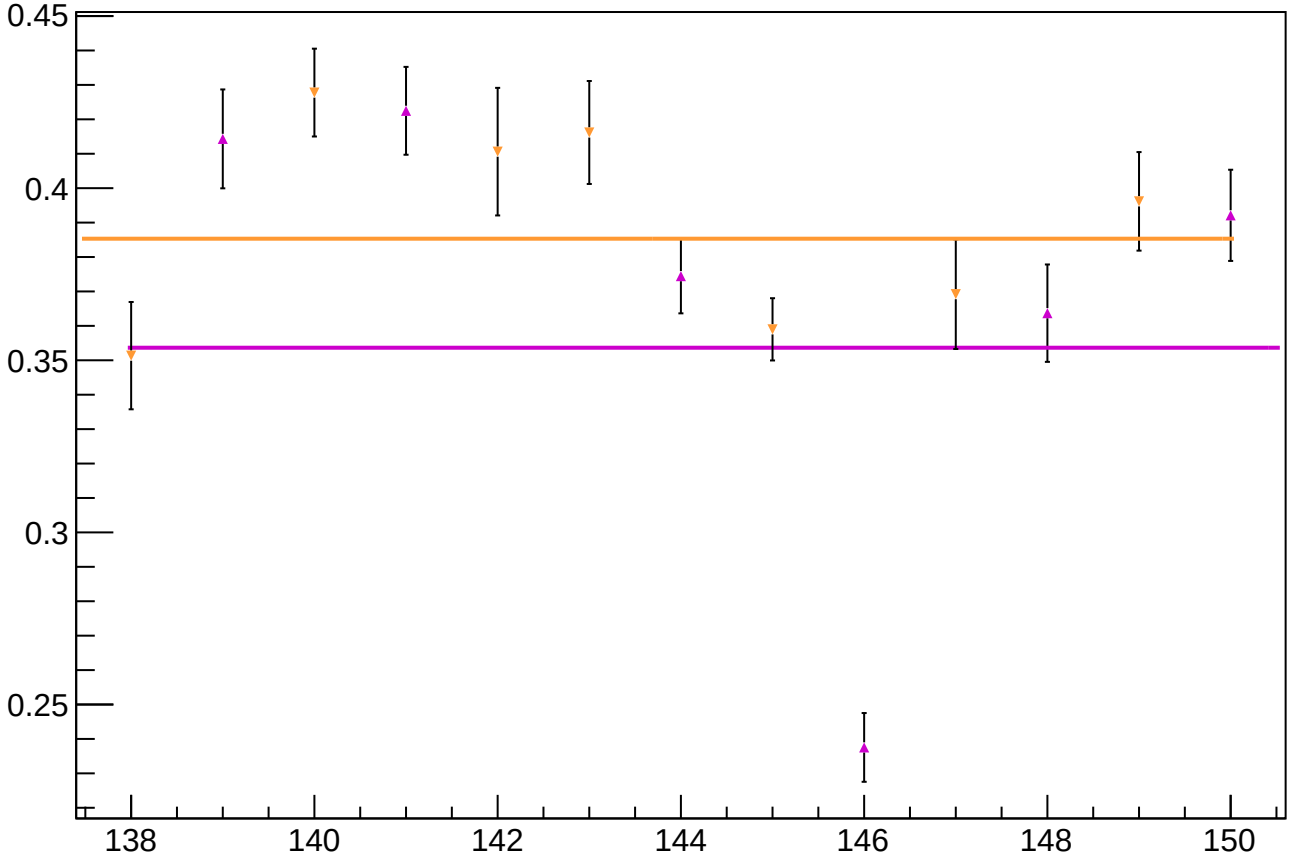
Left In: 10.240+/-0.096 χ^2/NDF:1557.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.960+/-0.070 χ^2/NDF: 4429.3/12

- 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: 0.385+/-0.005 χ^2/NDF:32.0/6

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

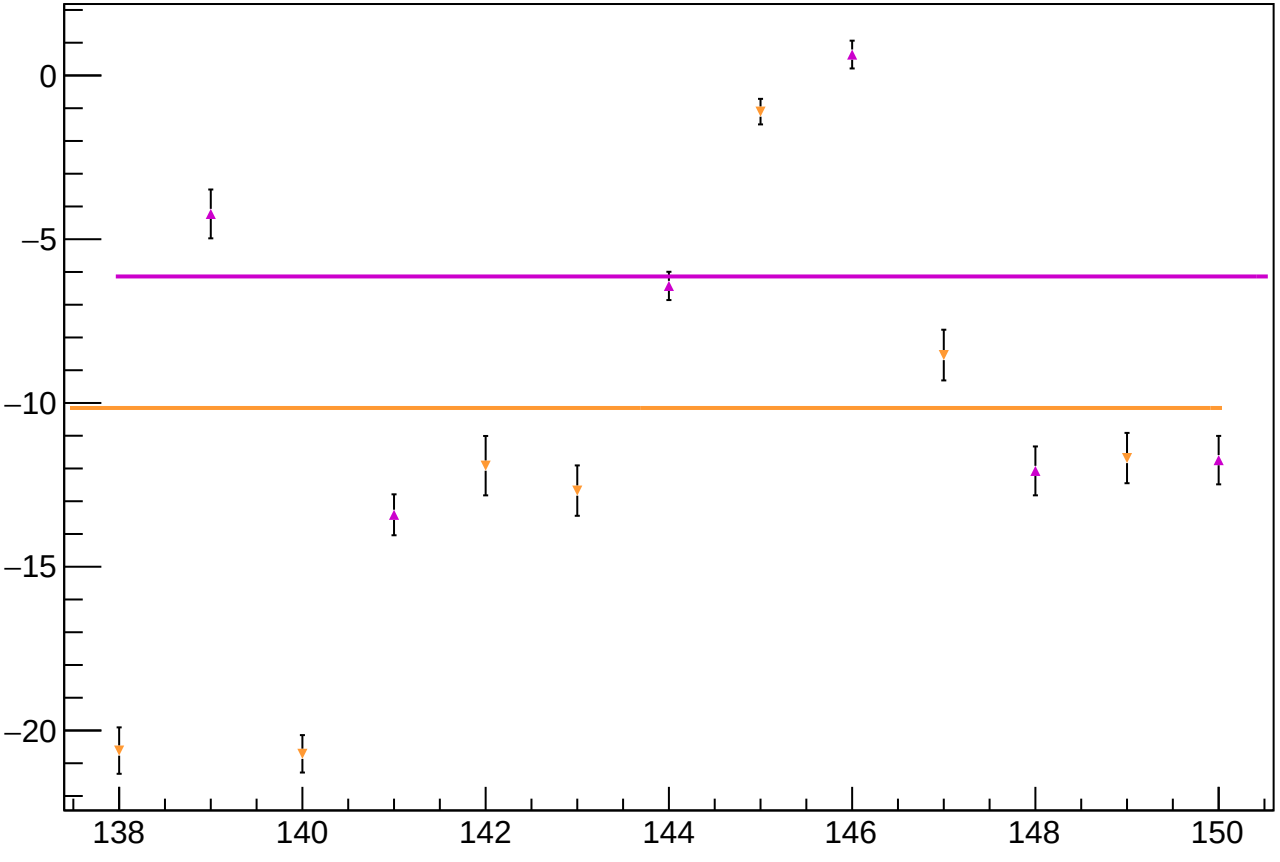
Left In: 0.354+/-0.005 χ^2/NDF:194.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.369+/-0.004 χ^2/NDF: 246.5/12

- 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: -10.152+/-0.236 χ^2/NDF:1120.4/6

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

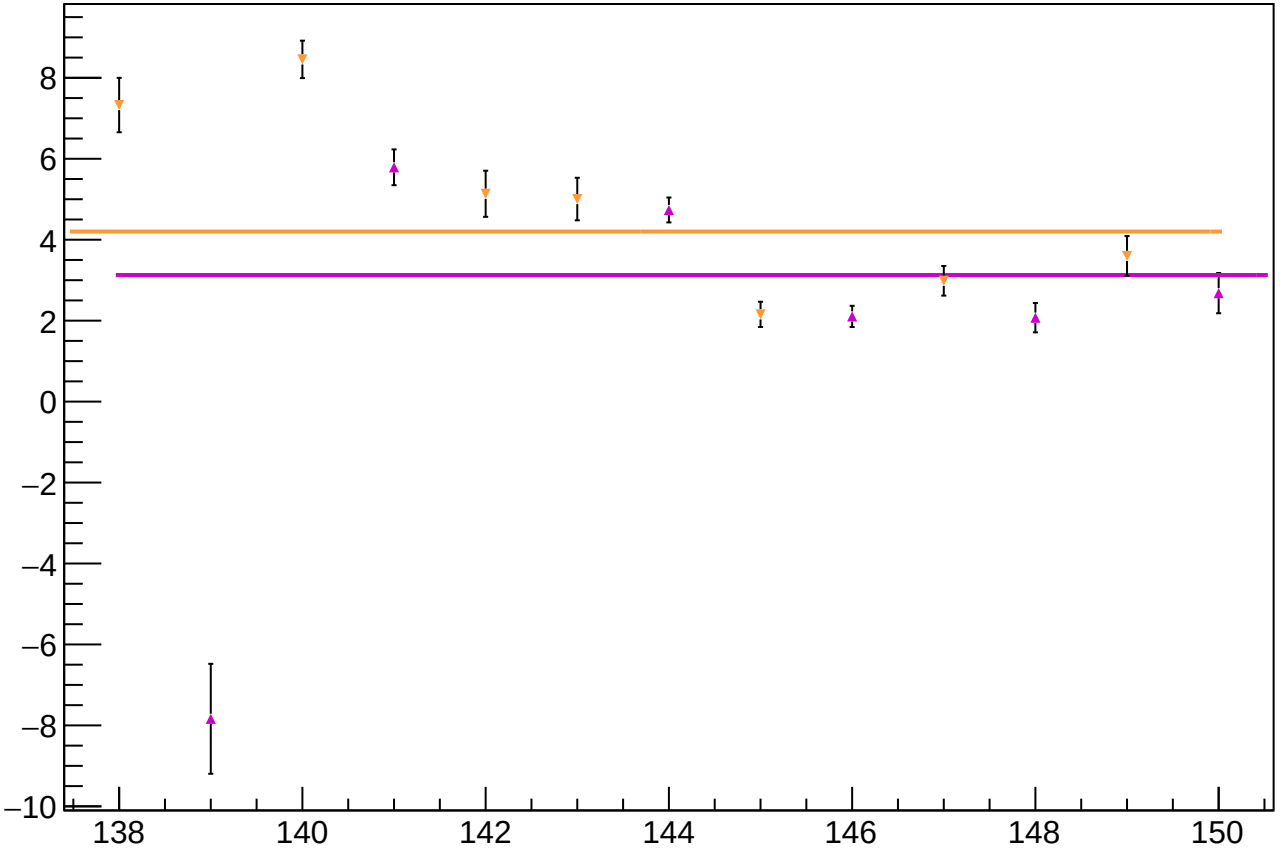
Left In: -6.137+/-0.230 χ^2/NDF:518.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.090+/-0.165 χ^2/NDF: 1787.0/12

- 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: 4.202+/-0.168 χ^2/NDF:166.9/6

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

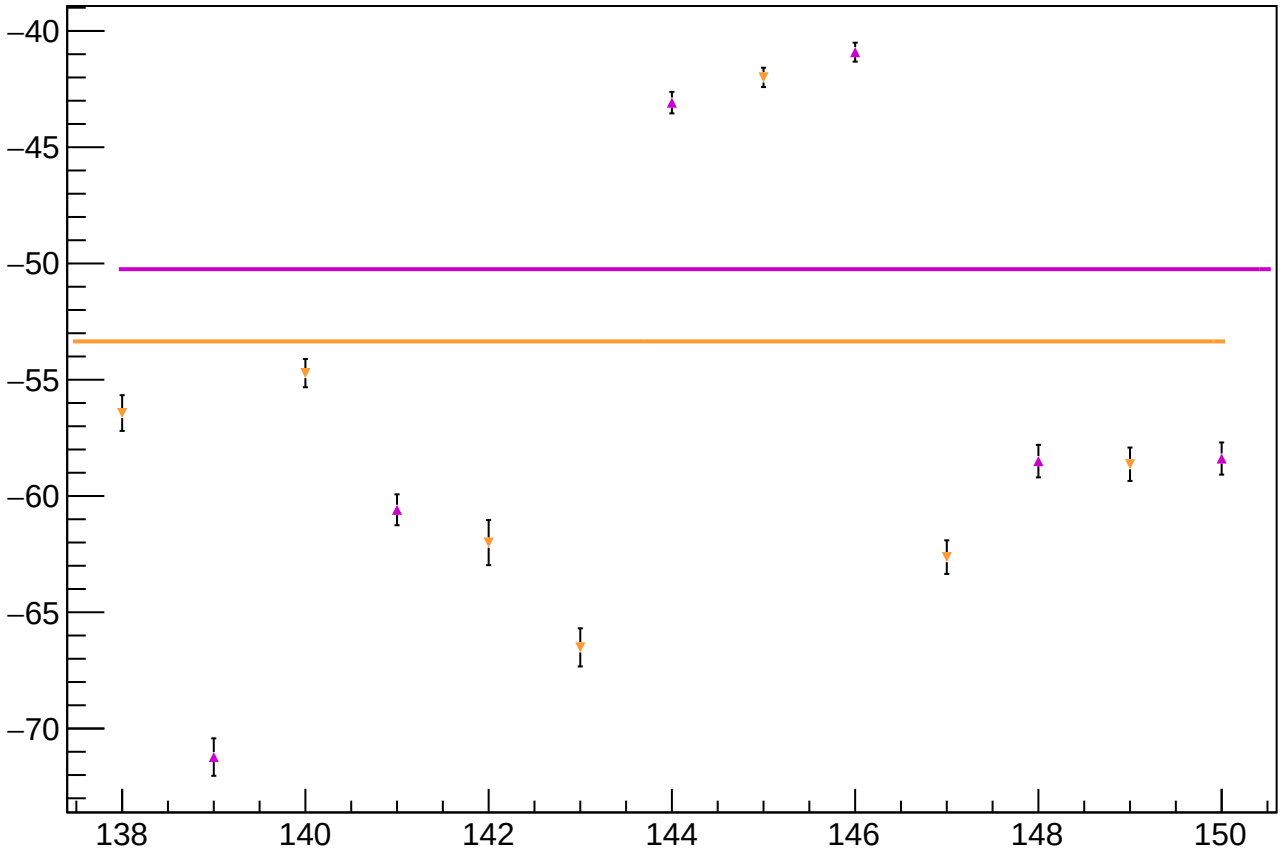
Left In: 3.128+/-0.153 χ^2/NDF:153.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.617+/-0.113 χ^2/NDF: 342.4/12

- 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: -53.351+/-0.246 χ^2/NDF:1321.9/6

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

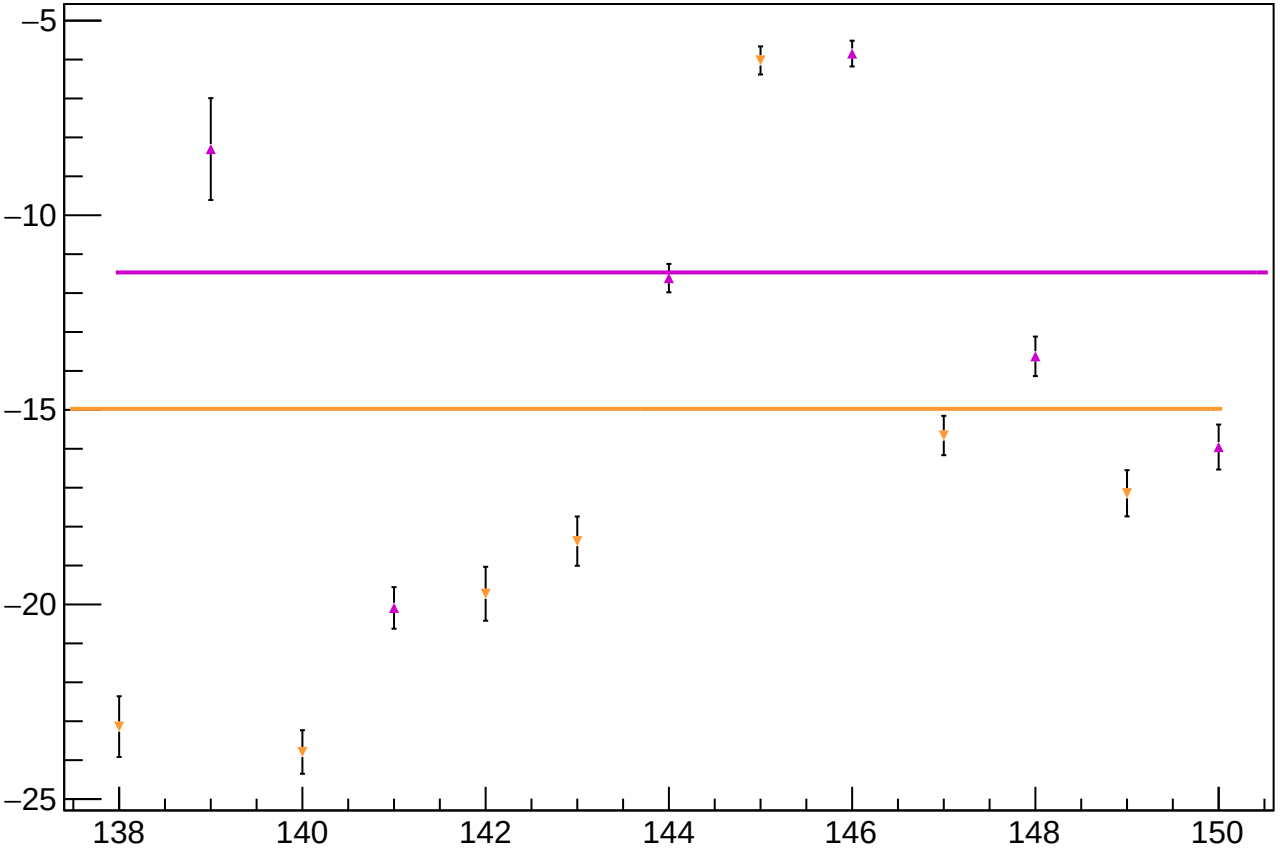
Left In: -50.245+/-0.232 χ^2/NDF:1961.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -51.708+/-0.169 χ^2/NDF: 3368.2/12

- 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: -14.974+/-0.205 χ^2/NDF:1063.8/6

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

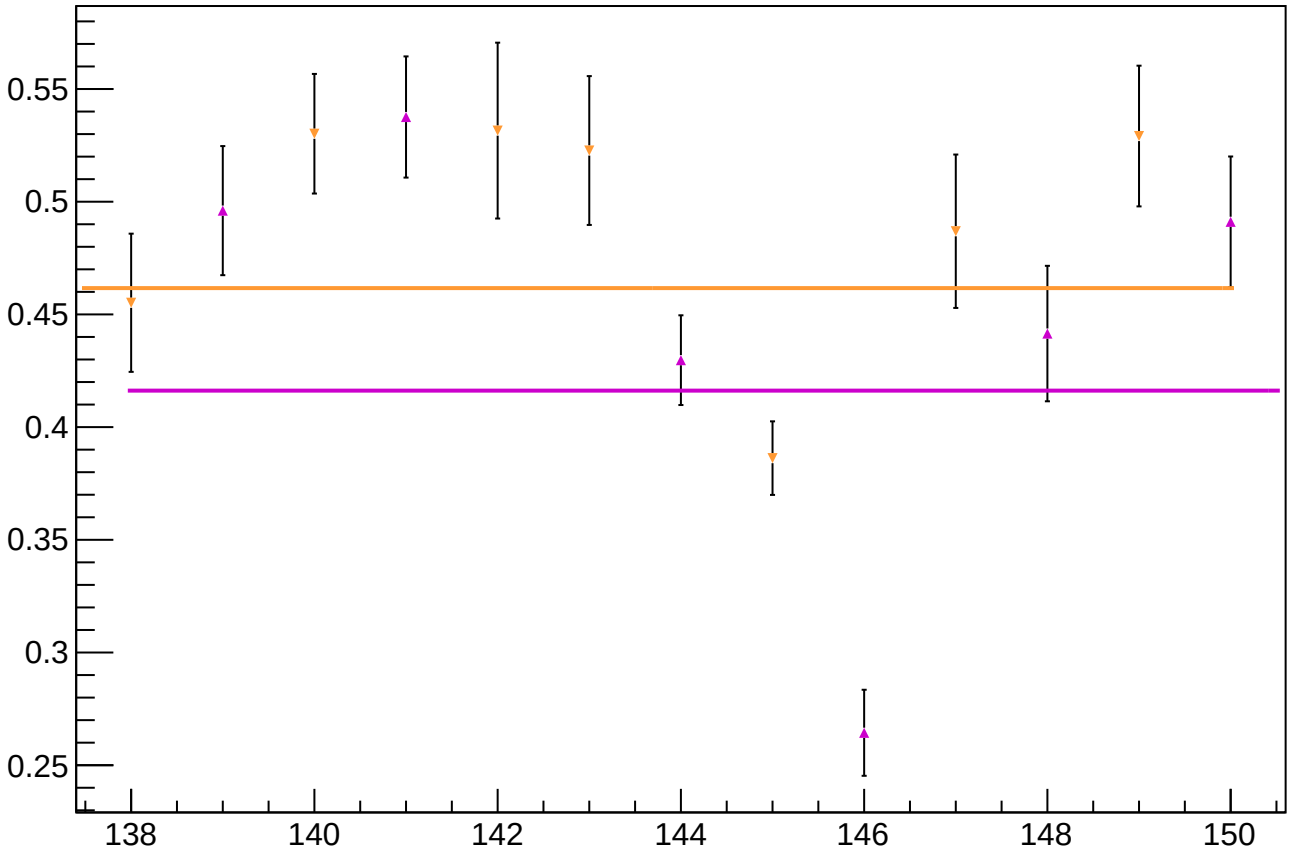
Left In: -11.469+/-0.190 χ^2/NDF:633.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.094+/-0.139 χ^2/NDF: 1854.2/12

- 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: 0.462+/-0.010 χ^2/NDF:39.9/6

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

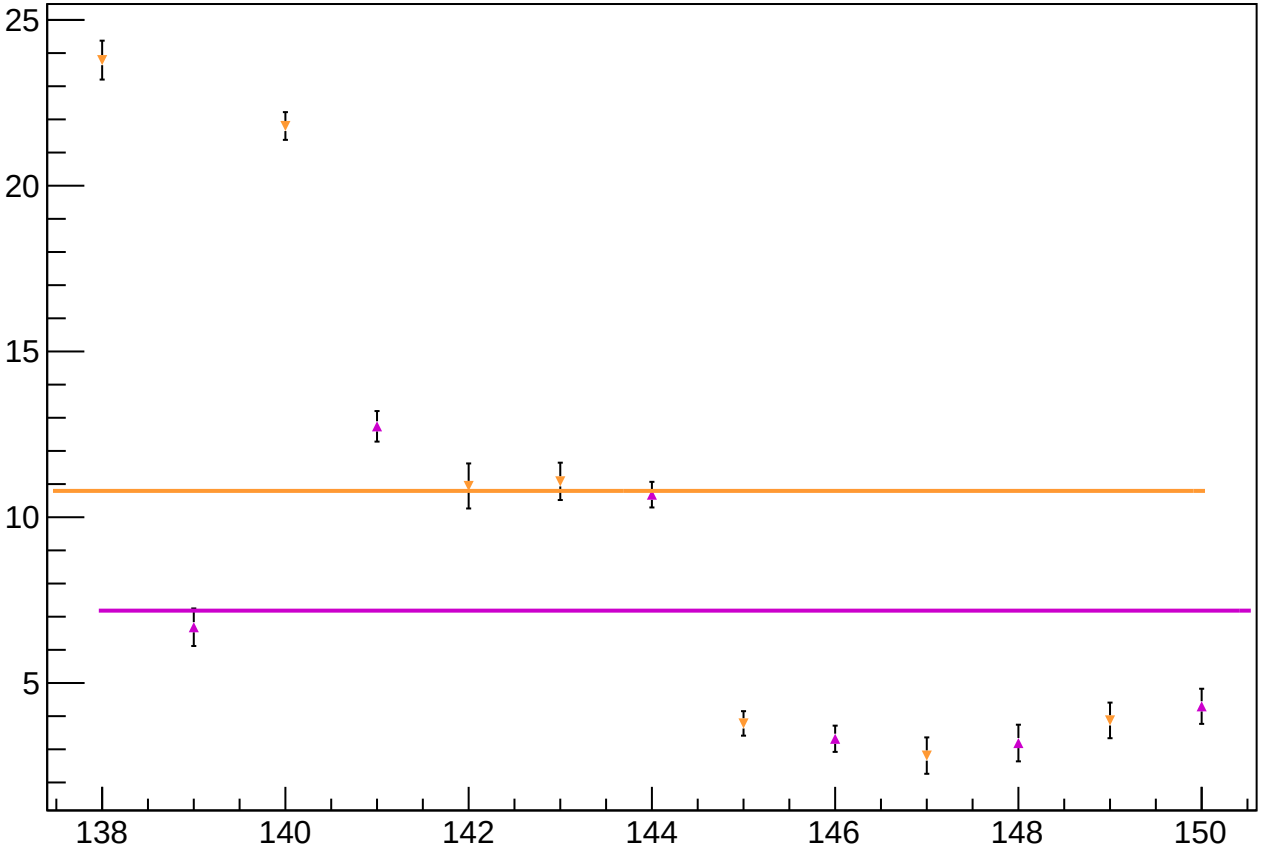
Left In: 0.416+/-0.010 χ^2/NDF:99.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.438+/-0.007 χ^2/NDF: 149.5/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 10.794+/-0.189 χ^2/NDF:1921.2/6

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

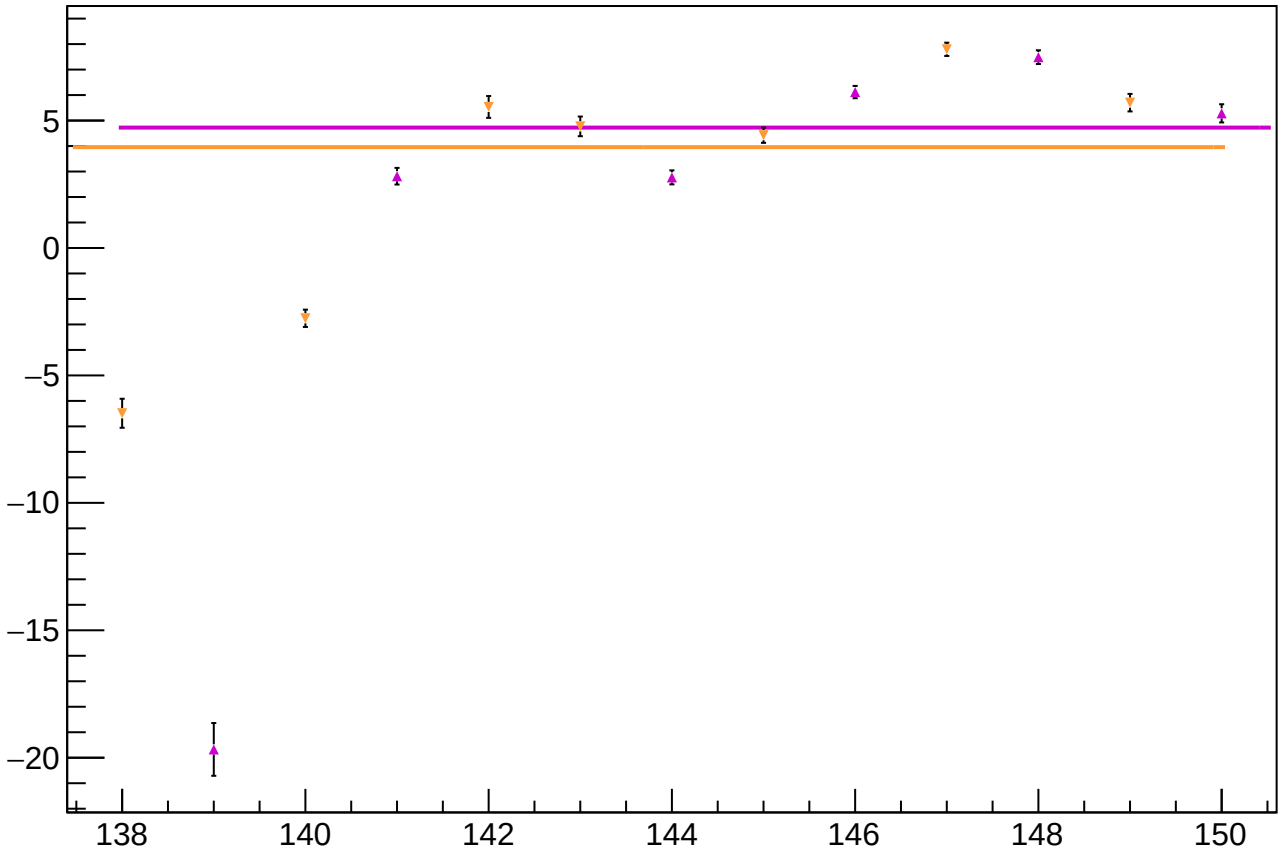
Left In: 7.183+/-0.190 χ^2/NDF:405.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.999+/-0.134 χ^2/NDF: 2508.7/12

- 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: 3.957+/-0.131 χ^2/NDF:990.6/6

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

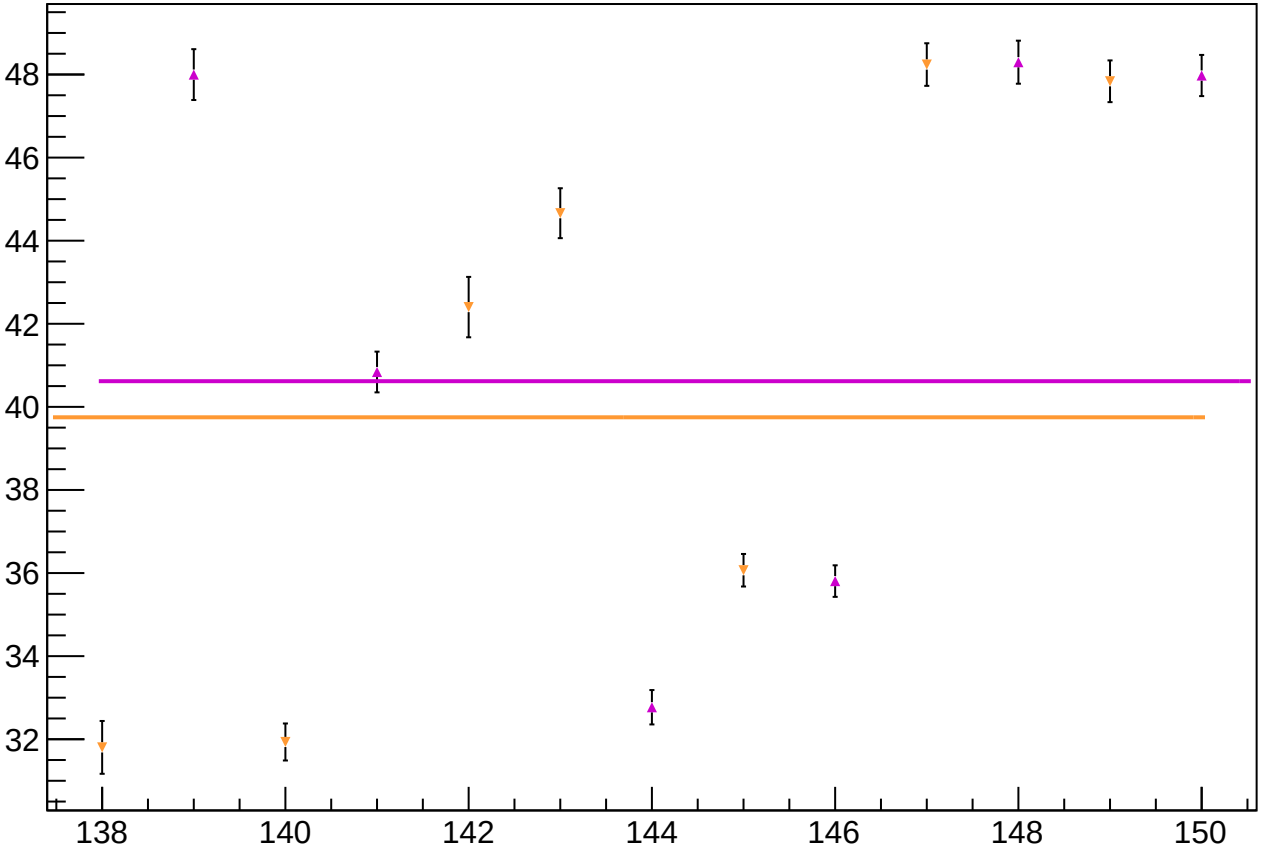
Left In: 4.724+/-0.127 χ^2/NDF:780.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.353+/-0.091 χ^2/NDF: 1789.1/12

- 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: 39.749+/-0.194 χ^2/NDF:1166.2/6

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

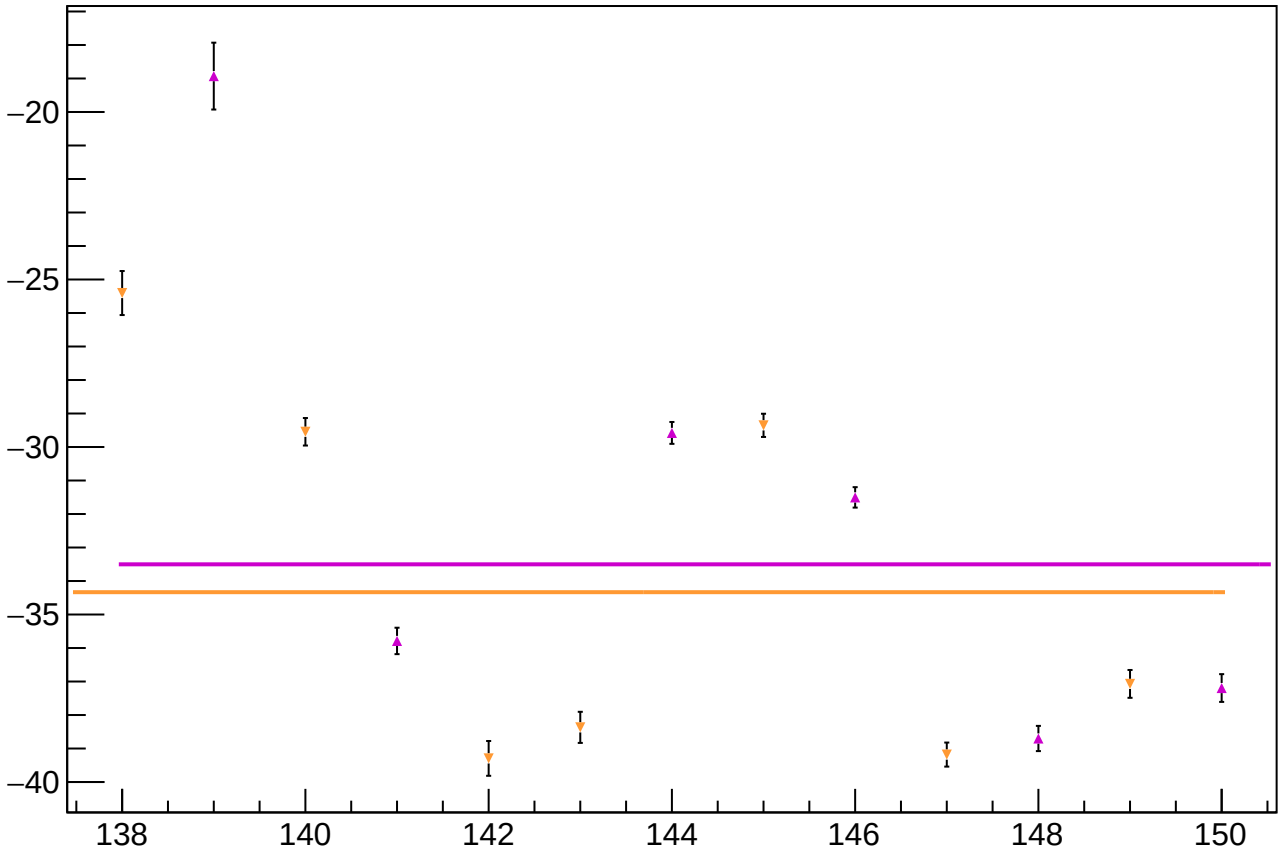
Left In: 40.618+/-0.191 χ^2/NDF:1106.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.191+/-0.136 χ^2/NDF: 2282.5/12

- 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: -34.333+/-0.161 χ^2/NDF:919.8/6

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

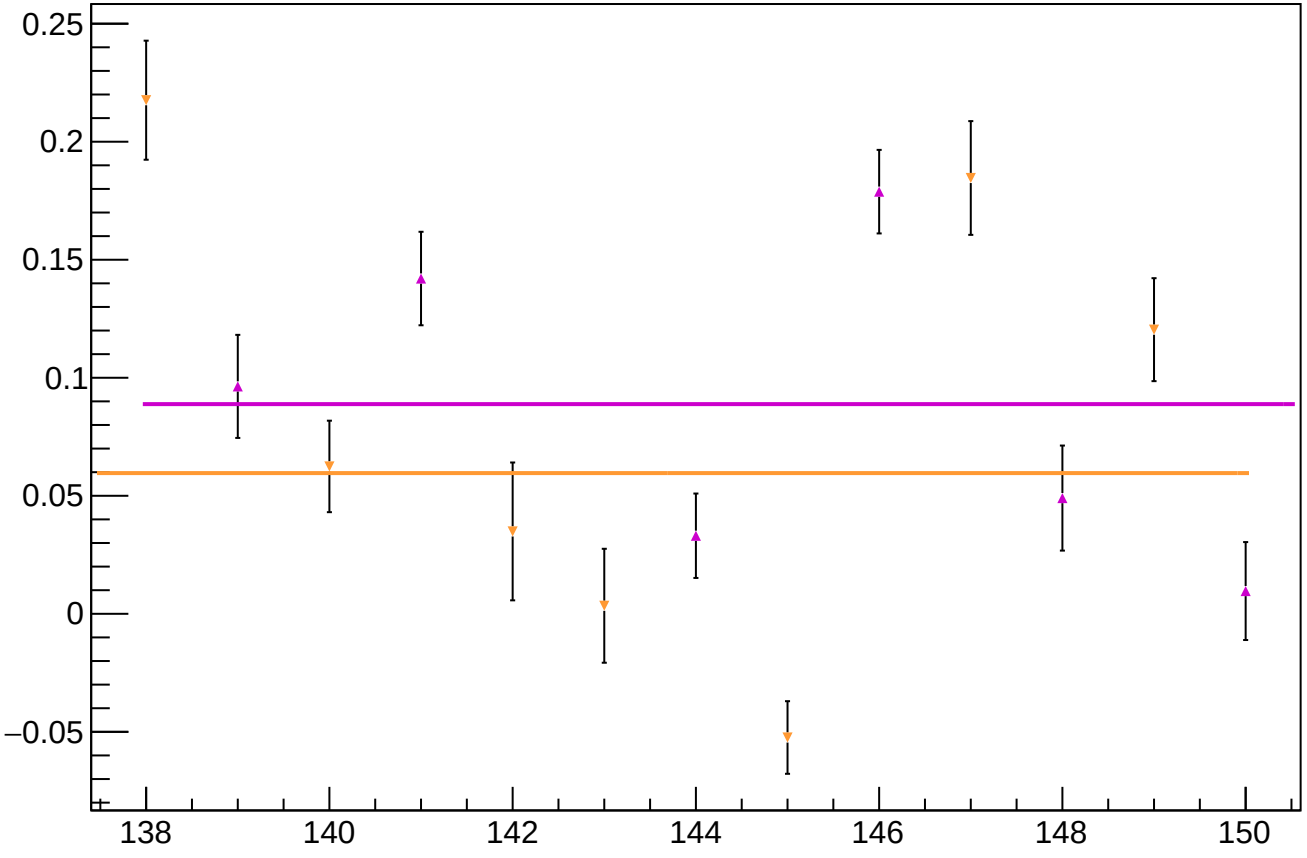
Left In: -33.502+/-0.157 χ^2/NDF:704.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -33.907+/-0.113 χ^2/NDF: 1637.9/12

- 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: 0.060+/-0.008 χ^2/NDF:133.1/6

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

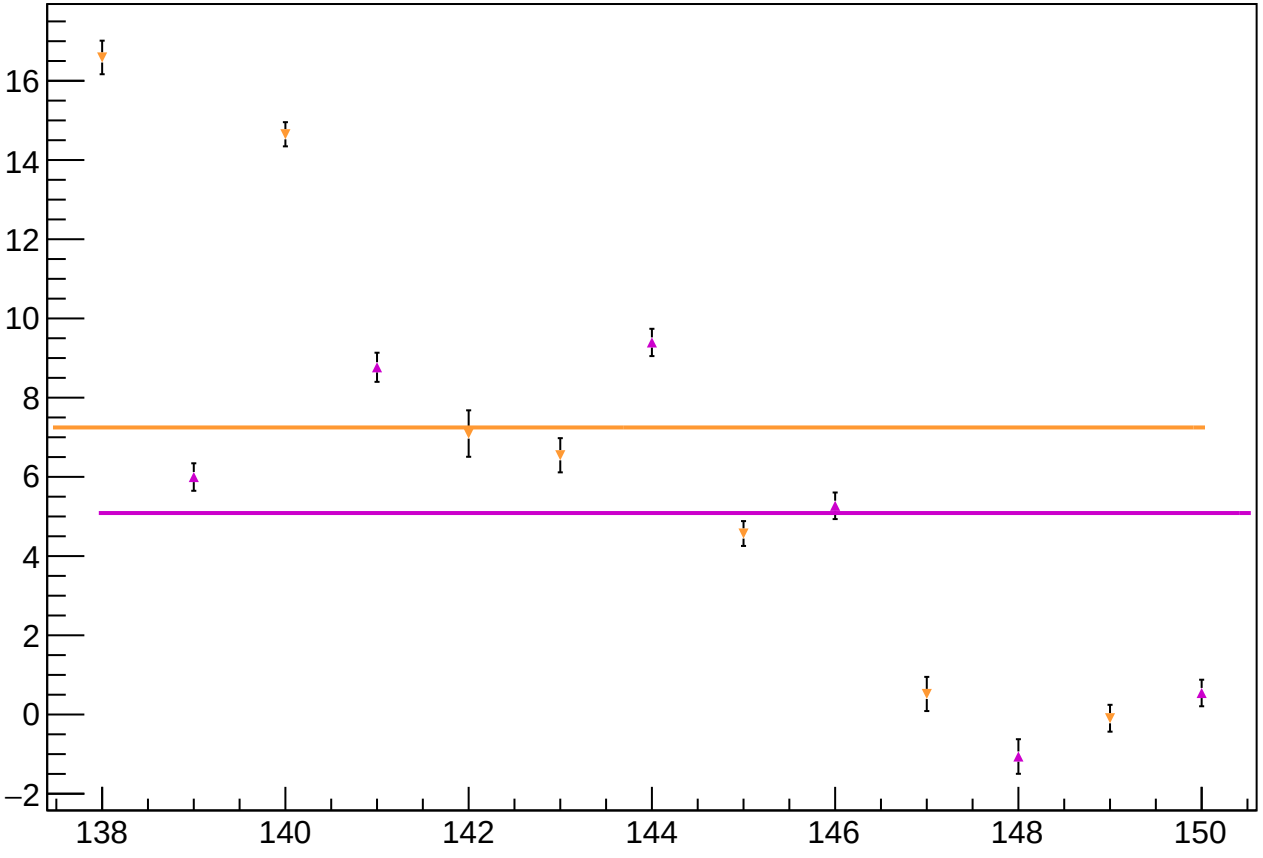
Left In: 0.089+/-0.008 χ^2/NDF:60.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.074+/-0.006 χ^2/NDF: 200.3/12

- 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: 7.248+/-0.143 χ^2/NDF:1862.1/6

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

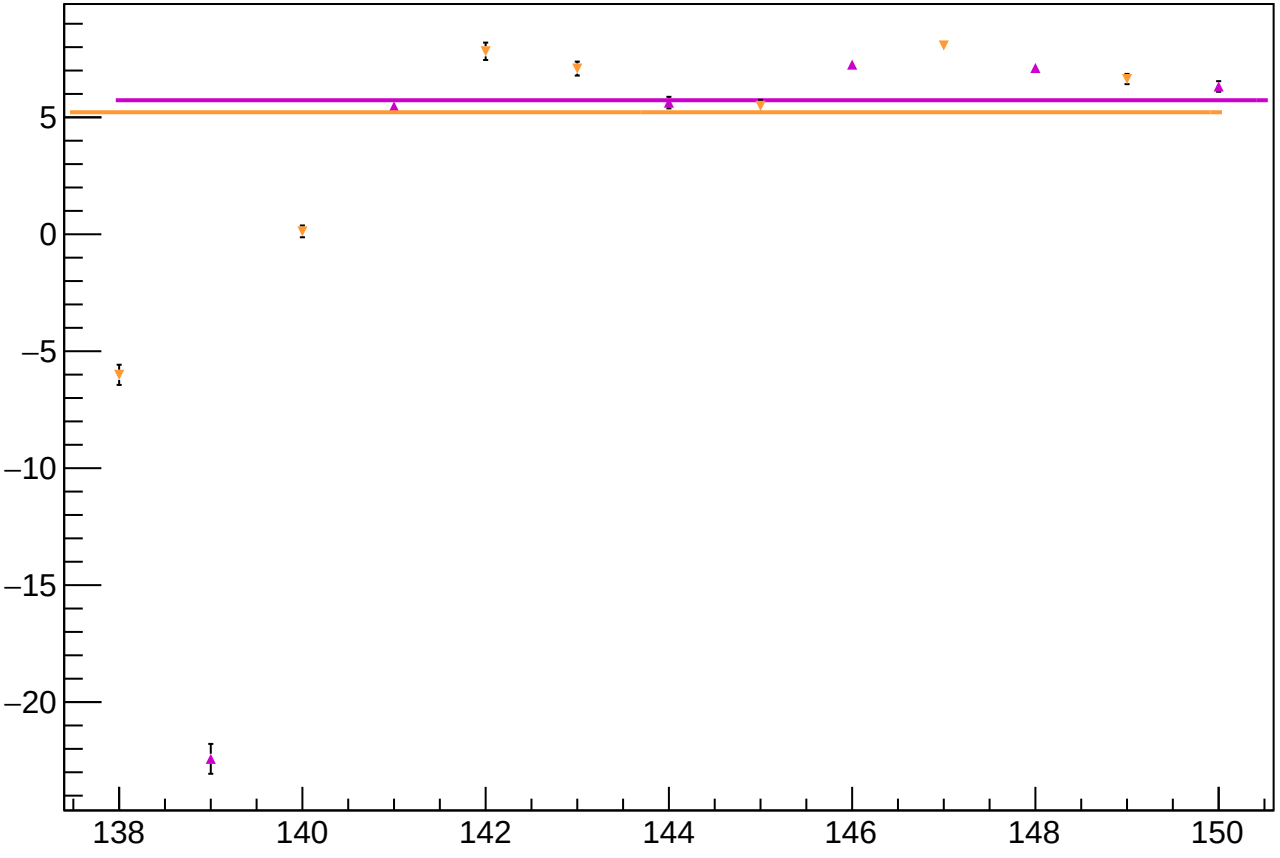
Left In: 5.087+/-0.146 χ^2/NDF:645.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.186+/-0.102 χ^2/NDF: 2619.9/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 5.217+/-0.101 χ^2/NDF:1404.0/6

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

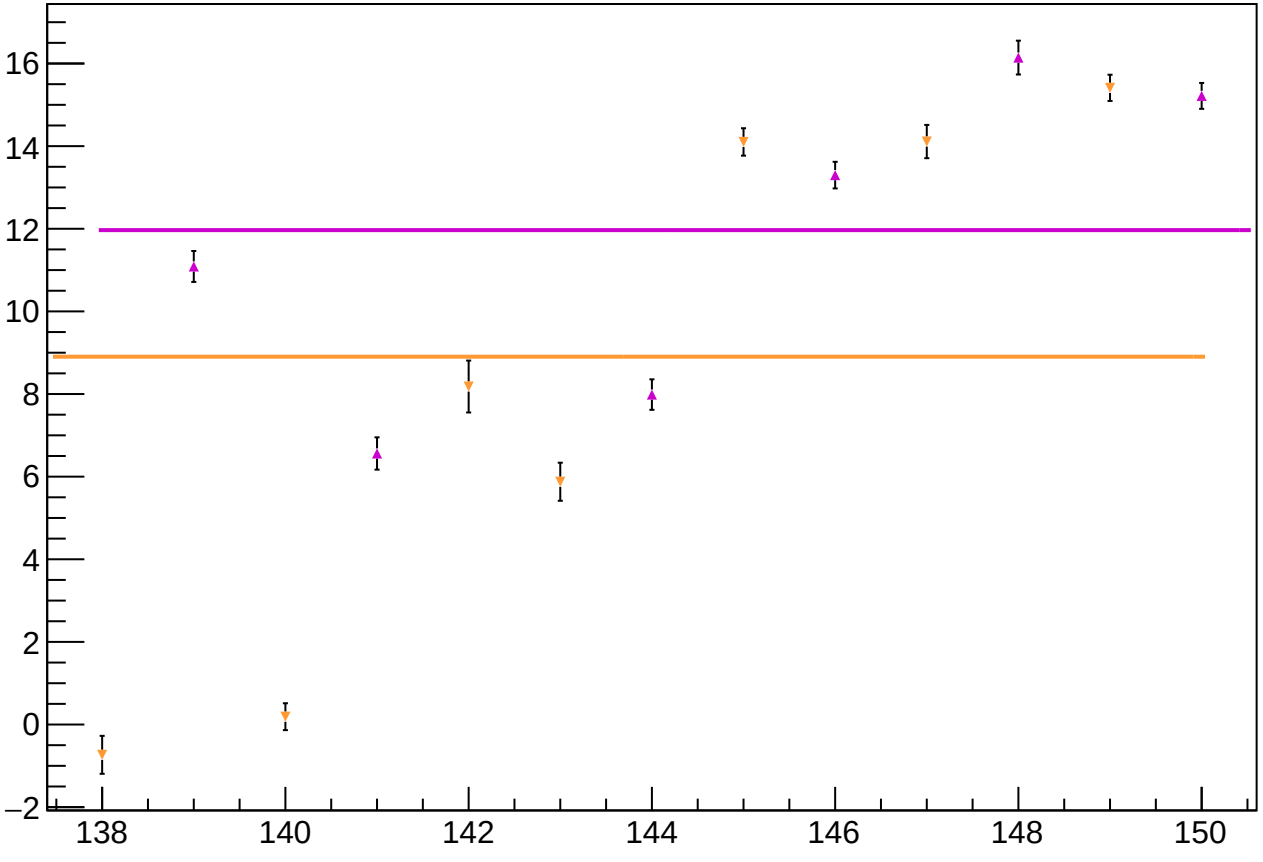
Left In: 5.730+/-0.102 χ^2/NDF:2041.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.470+/-0.072 χ^2/NDF: 3458.4/12

- 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: 8.903+/-0.146 χ^2/NDF:2036.0/6

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

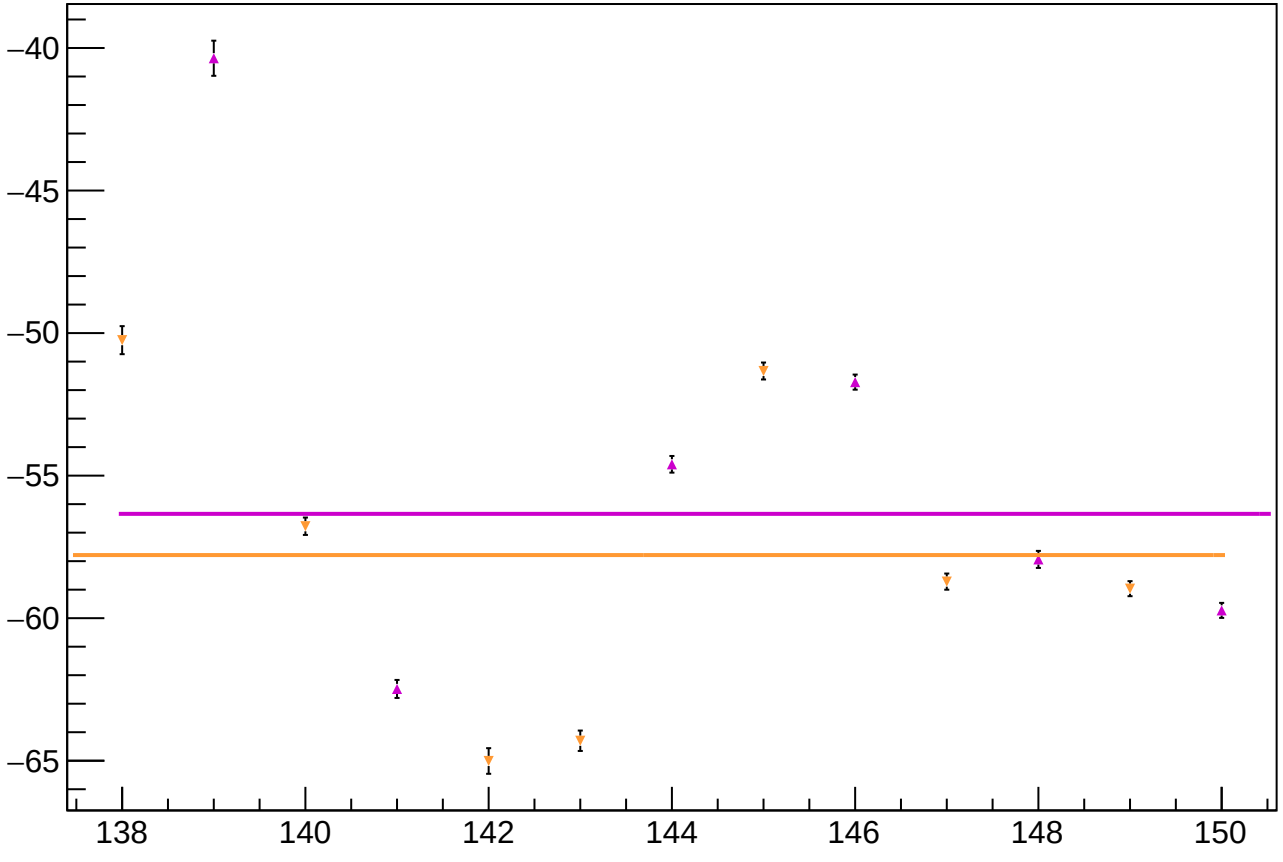
Left In: 11.967+/-0.146 χ^2/NDF:541.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.438+/-0.103 χ^2/NDF: 2796.8/12

- 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: -57.786+/-0.123 χ^2/NDF:1338.6/6

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

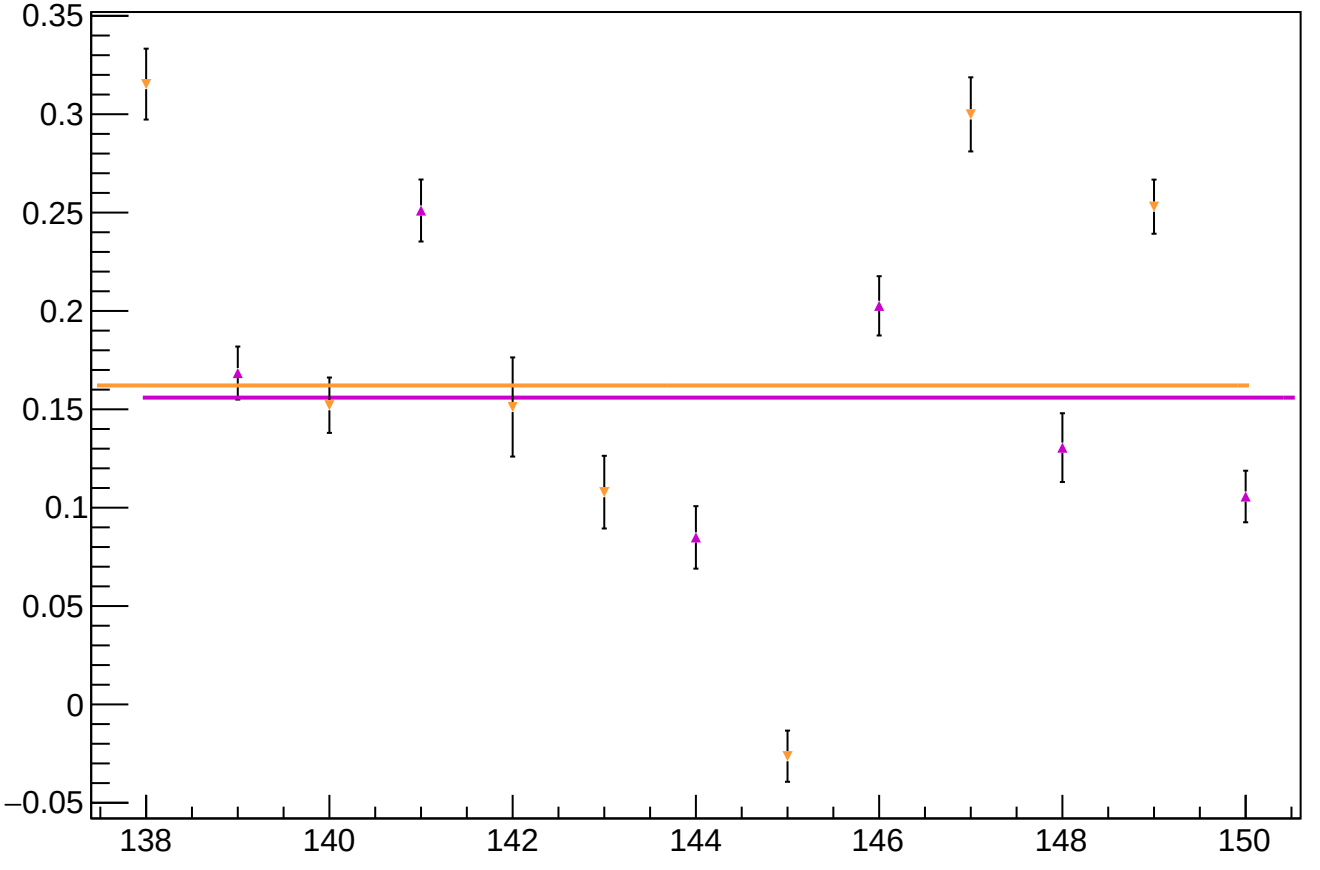
Left In: -56.341+/-0.125 χ^2/NDF:1583.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -57.072+/-0.088 χ^2/NDF: 2990.4/12

- 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: 0.162+/-0.006 χ^2/NDF:388.5/6

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

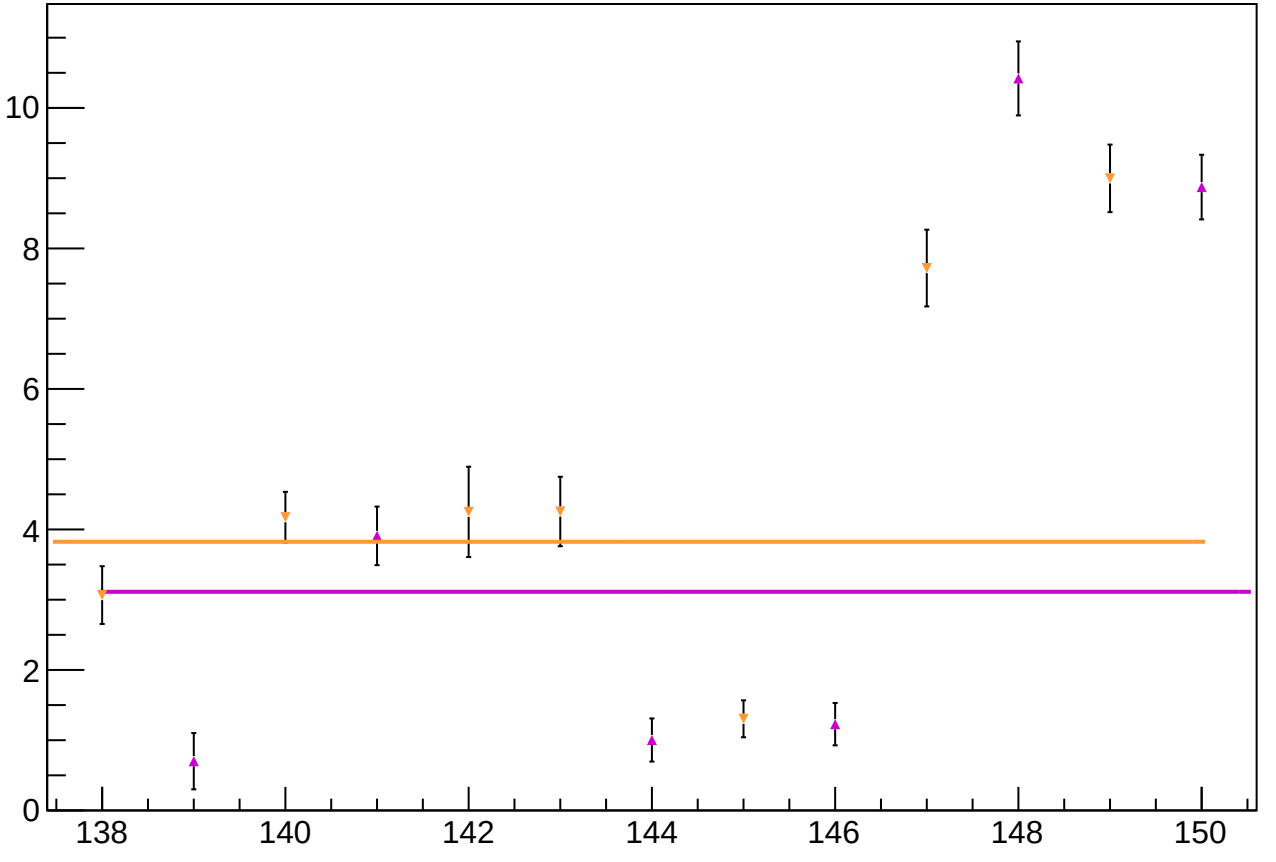
Left In: 0.156+/-0.006 χ^2/NDF:83.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.159+/-0.004 χ^2/NDF: 472.7/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 3.825+/-0.154 χ^2/NDF:264.1/6

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

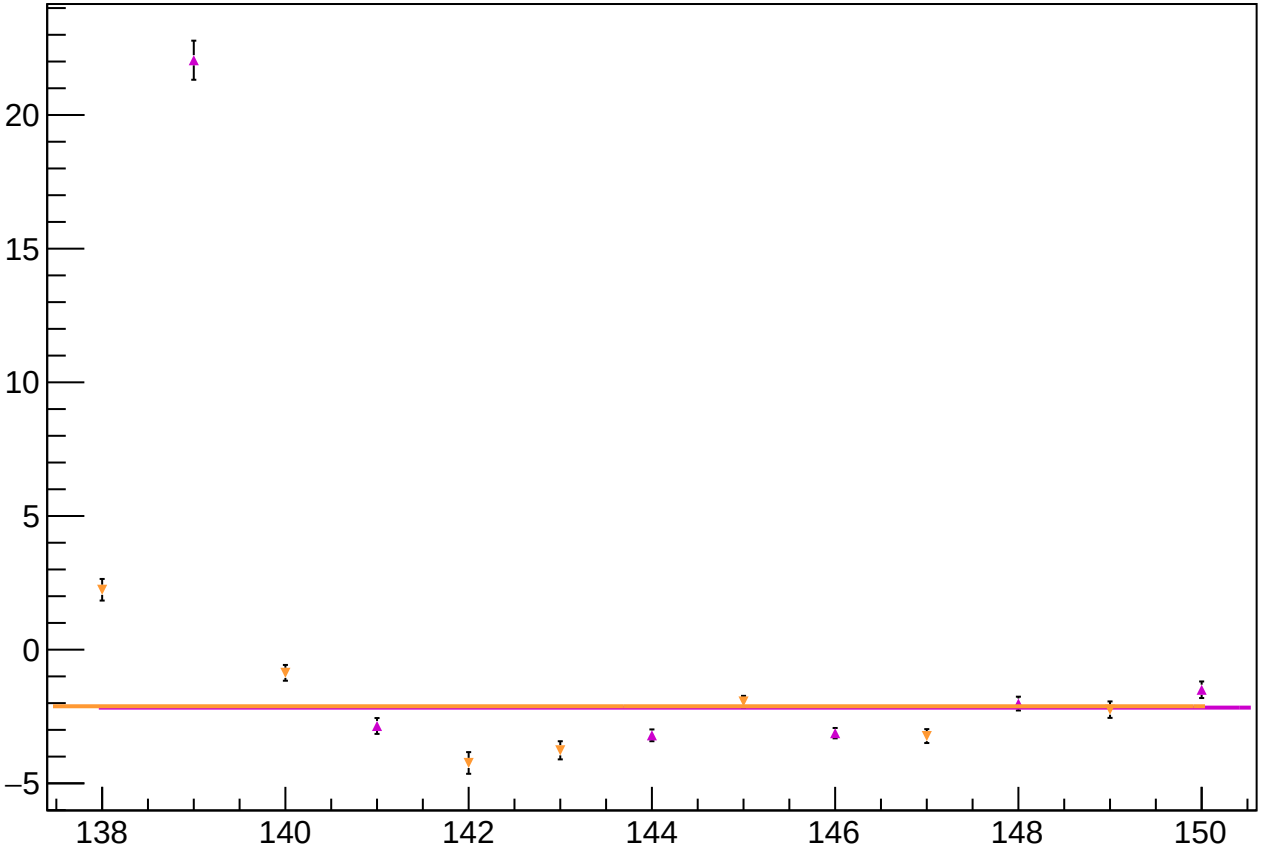
Left In: 3.113+/-0.154 χ^2/NDF:475.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.470+/-0.109 χ^2/NDF: 750.4/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -2.117+/-0.112 χ^2/NDF:204.4/6

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

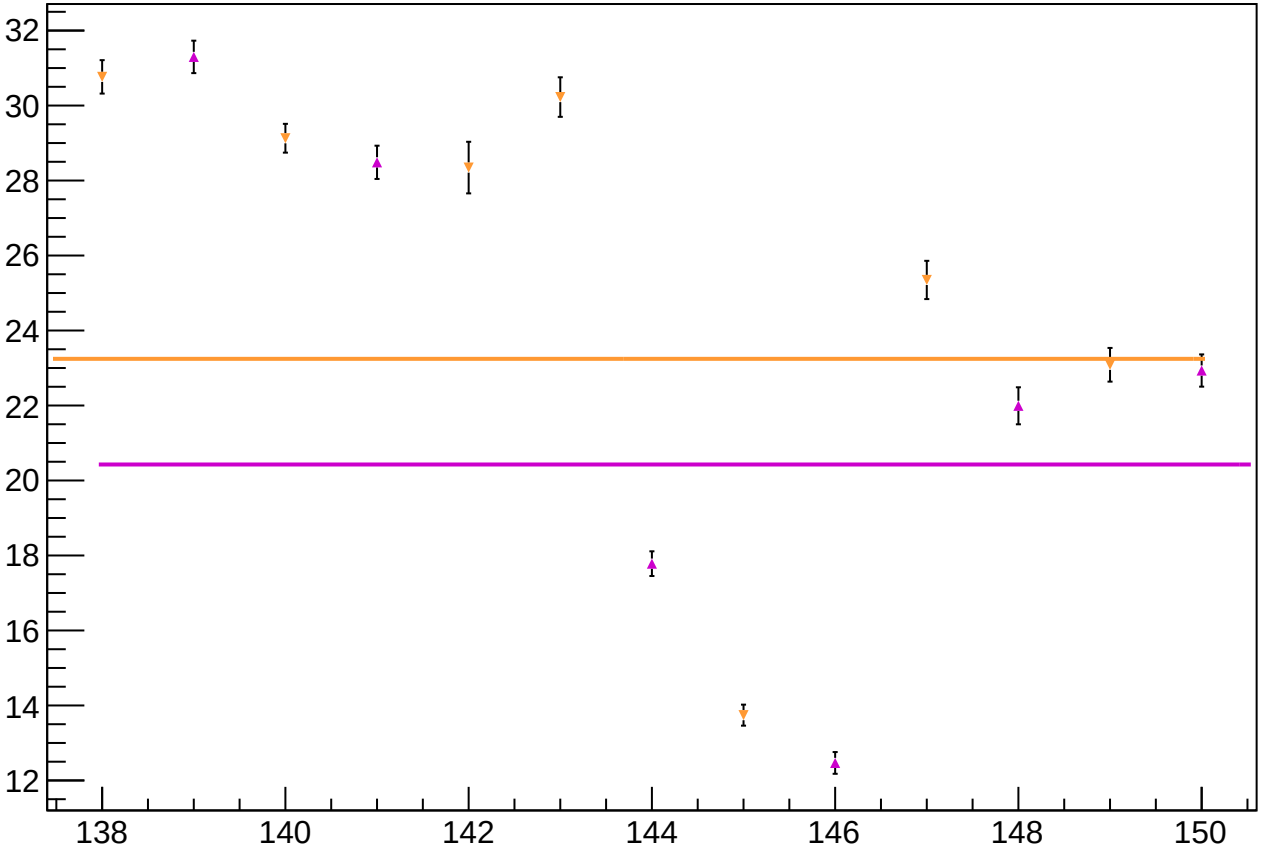
Left In: -2.168+/-0.108 χ^2/NDF:1154.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.143+/-0.078 χ^2/NDF: 1358.6/12

- 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: 23.245+/-0.160 χ^2/NDF:1915.6/6

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

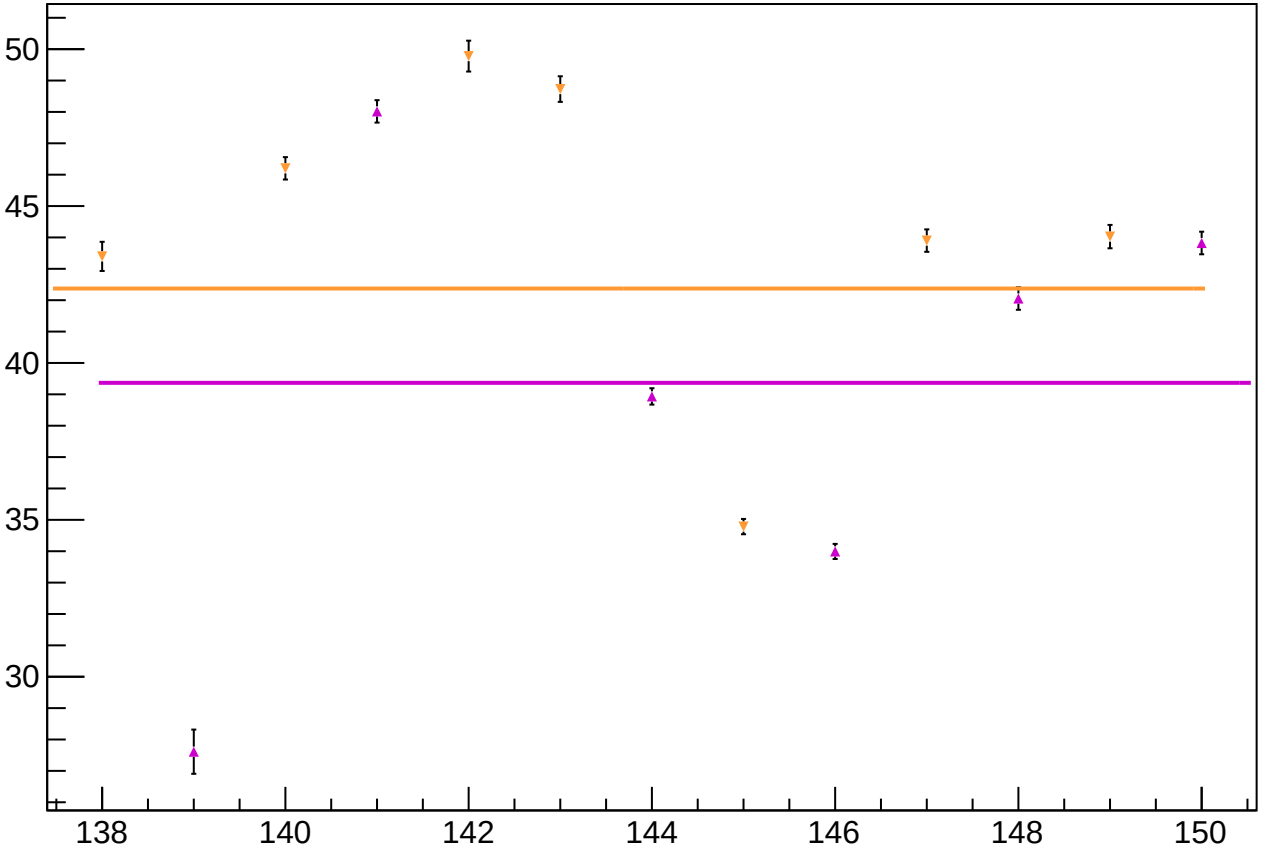
Left In: 20.427+/-0.156 χ^2/NDF:1822.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 21.801+/-0.112 χ^2/NDF: 3897.3/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 42.372+/-0.136 χ^2/NDF:1594.6/6

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

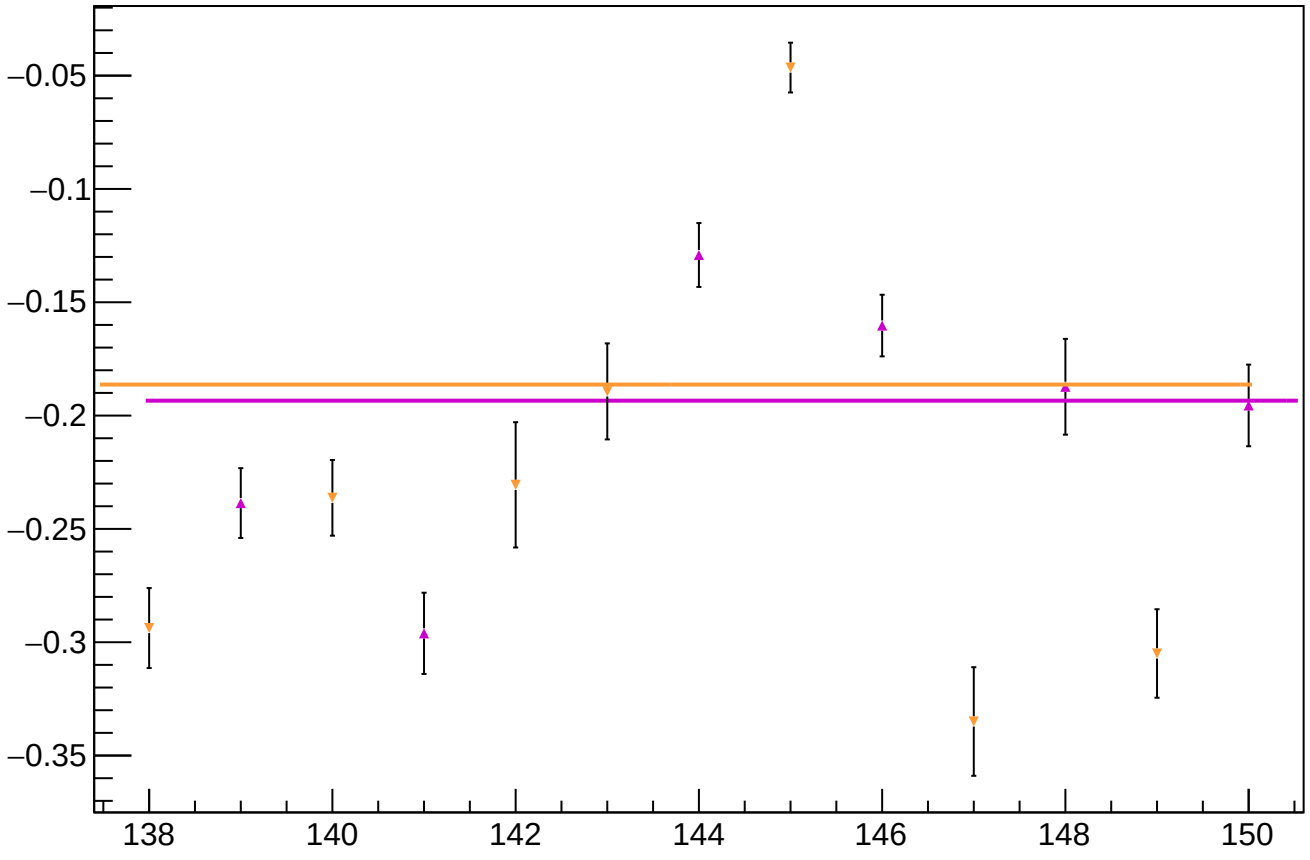
Left In: 39.366+/-0.132 χ^2/NDF:1574.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.831+/-0.095 χ^2/NDF: 3421.6/12

- 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: -0.186+/-0.007 χ^2/NDF:286.2/6

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

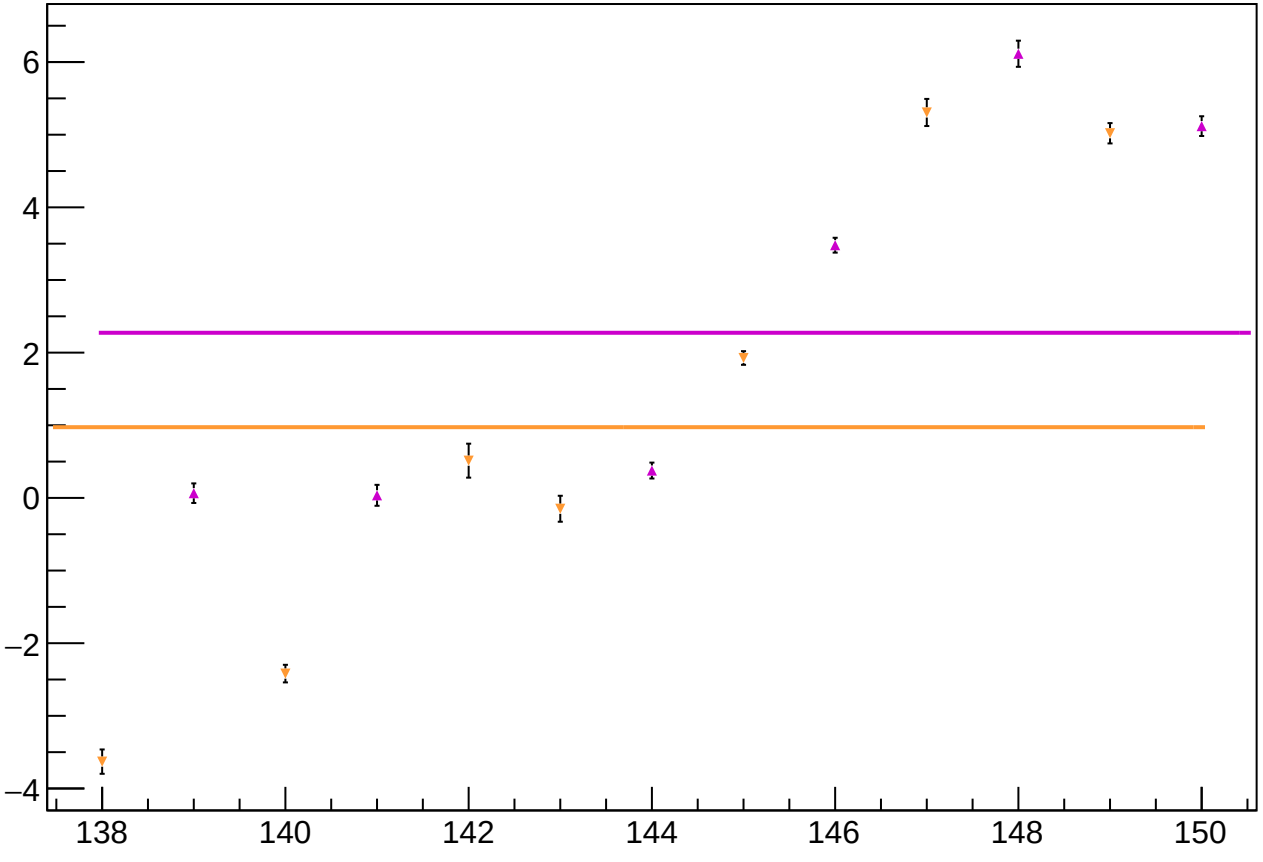
Left In: -0.193+/-0.007 χ^2/NDF:68.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.190+/-0.005 χ^2/NDF: 355.0/12

- 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: 0.974+/-0.054 χ^2/NDF:3060.5/6

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

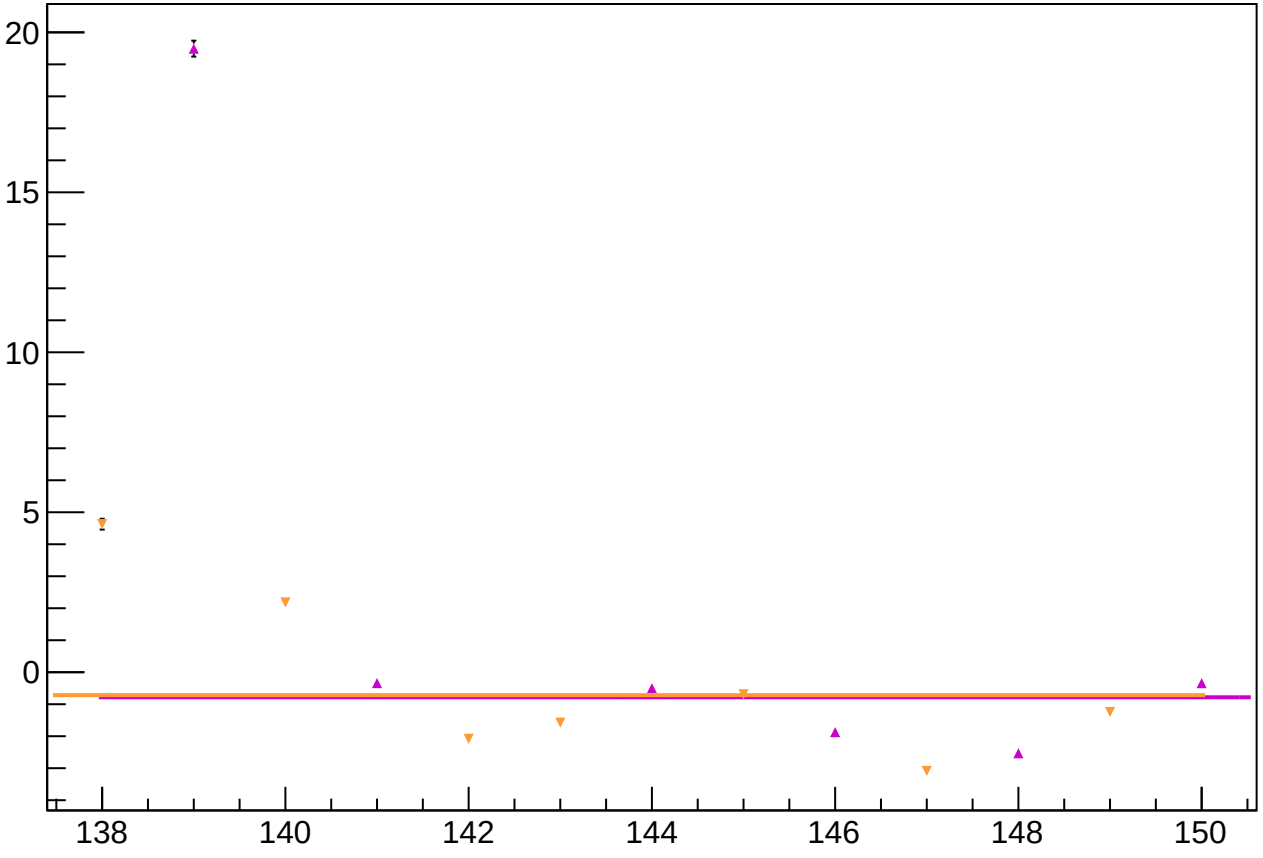
Left In: 2.273+/-0.052 χ^2/NDF:1842.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.643+/-0.037 χ^2/NDF: 5204.1/12

- 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: -0.717+/-0.039 χ^2/NDF:2706.3/6

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

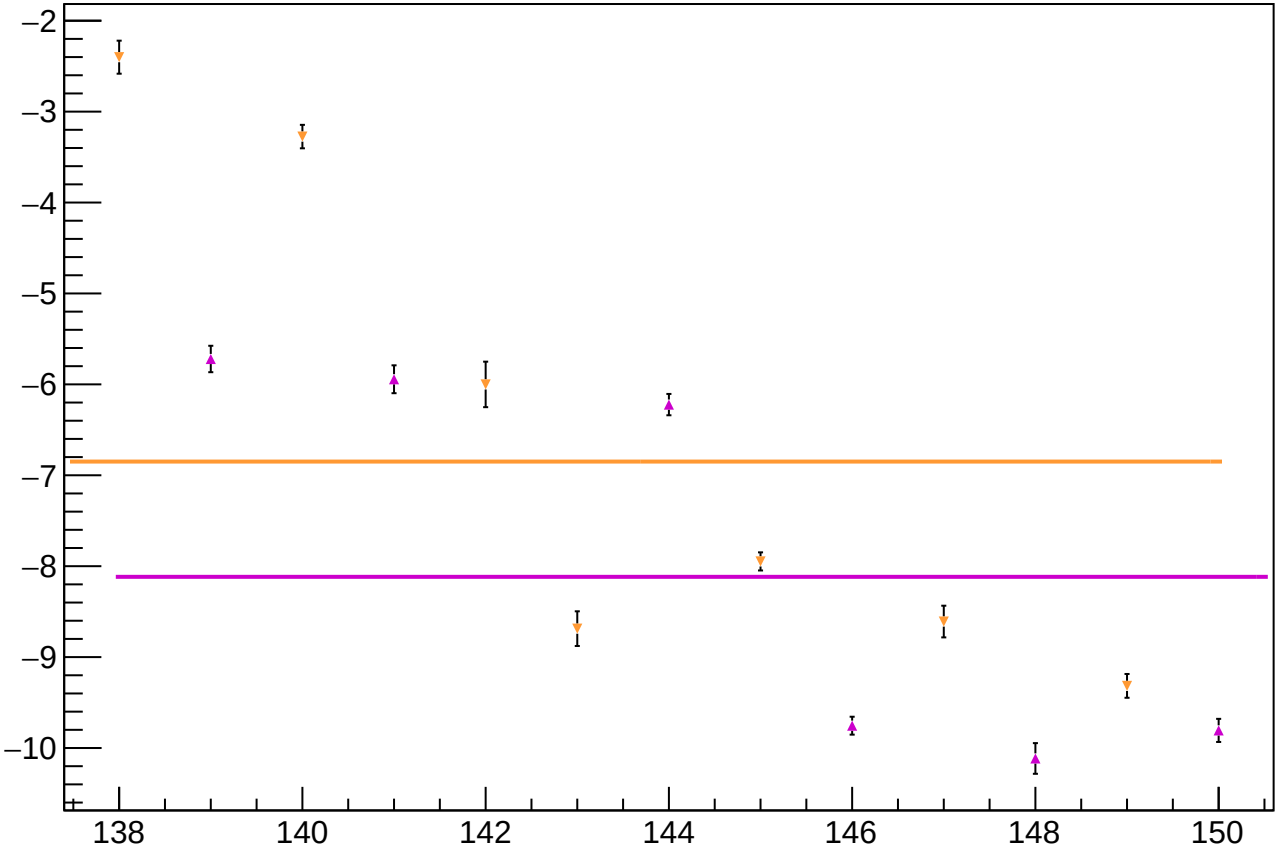
Left In: -0.783+/-0.037 χ^2/NDF:7327.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.752+/-0.027 χ^2/NDF: 10035.4/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: -6.849+/-0.055 χ^2/NDF:2050.4/6

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

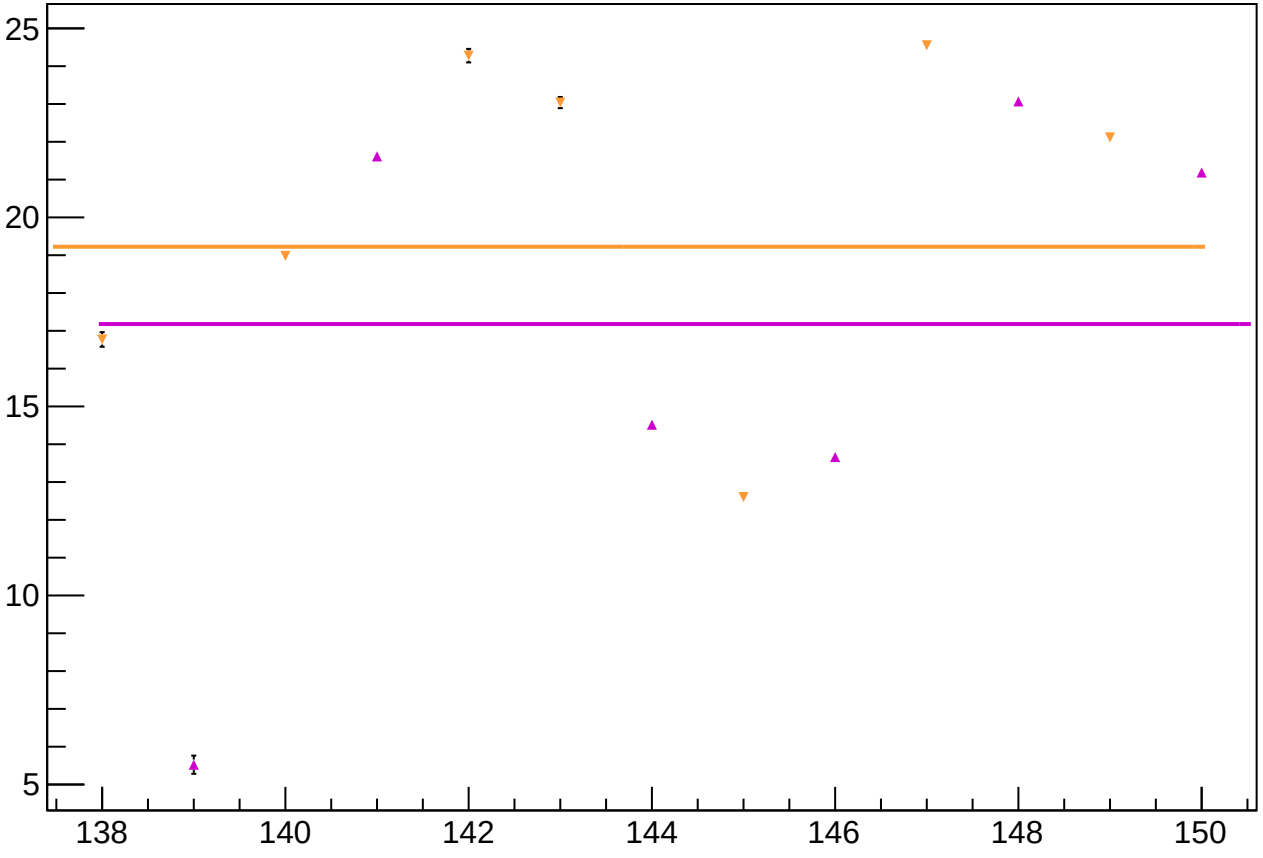
Left In: -8.117+/-0.053 χ^2/NDF:1326.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.517+/-0.038 χ^2/NDF: 3653.0/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 19.224+/-0.047 χ^2/NDF:9853.2/6

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

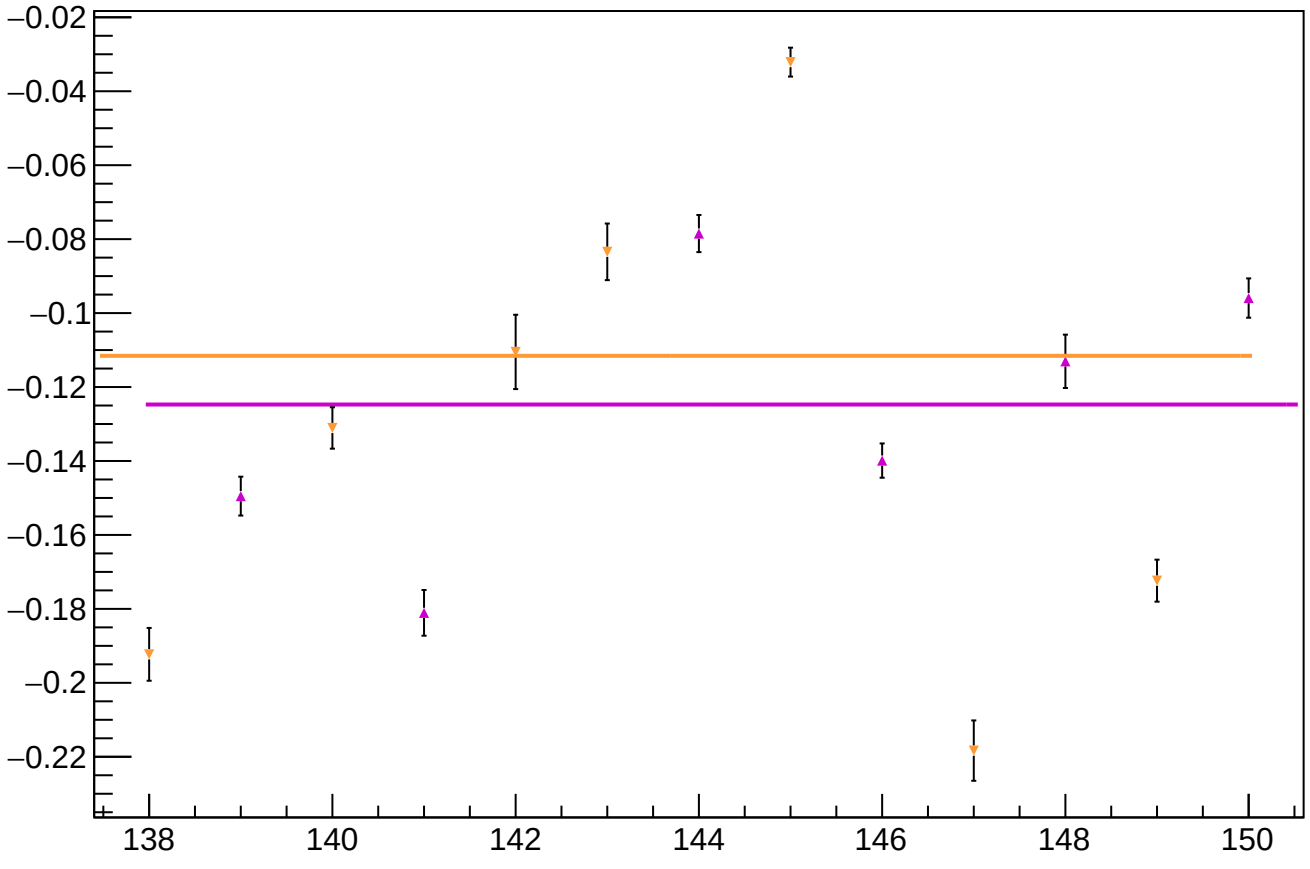
Left In: 17.179+/-0.045 χ^2/NDF:9974.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.150+/-0.032 χ^2/NDF: 20819.3/12

- 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: -0.112+/-0.002 χ^2/NDF:852.3/6

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

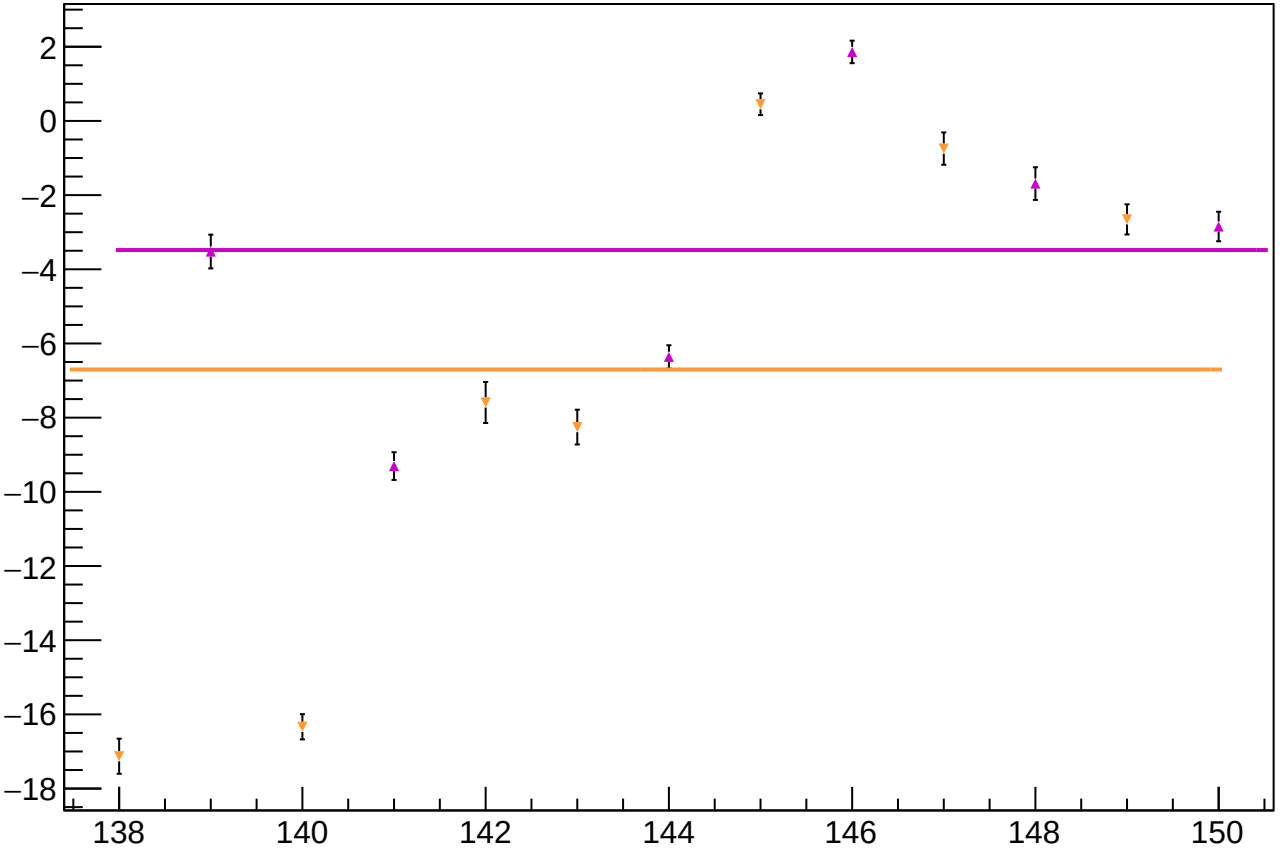
Left In: -0.125+/-0.002 χ^2/NDF:232.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.118+/-0.002 χ^2/NDF: 1102.1/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



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

Left Out: -6.701+/-0.151 χ^2/NDF:2187.0/6

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

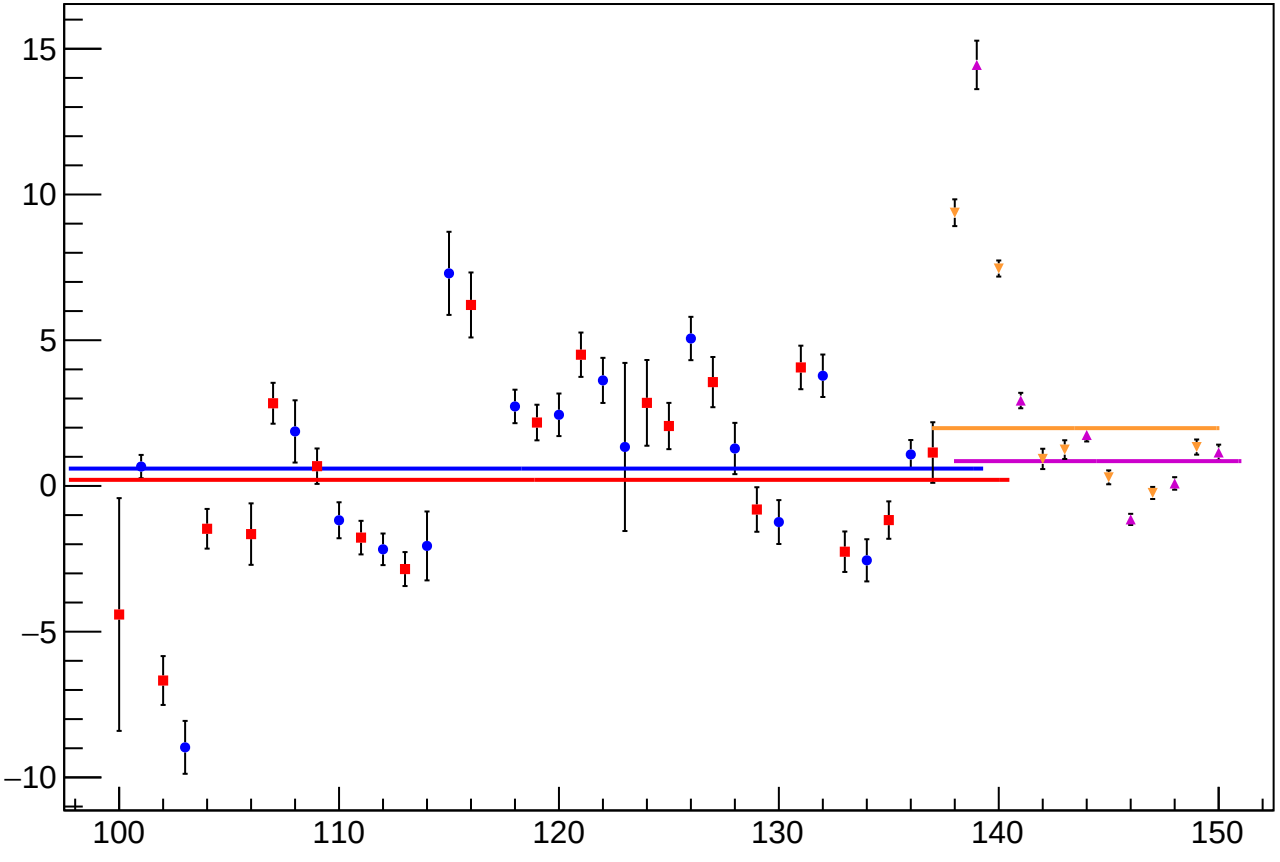
Left In: -3.481+/-0.150 χ^2/NDF:656.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.081+/-0.106 χ^2/NDF: 3072.9/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596+/-0.169 χ^2/NDF: 291.2/16

Left Out: 1.983+/-0.105 χ^2/NDF:837.6/6

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

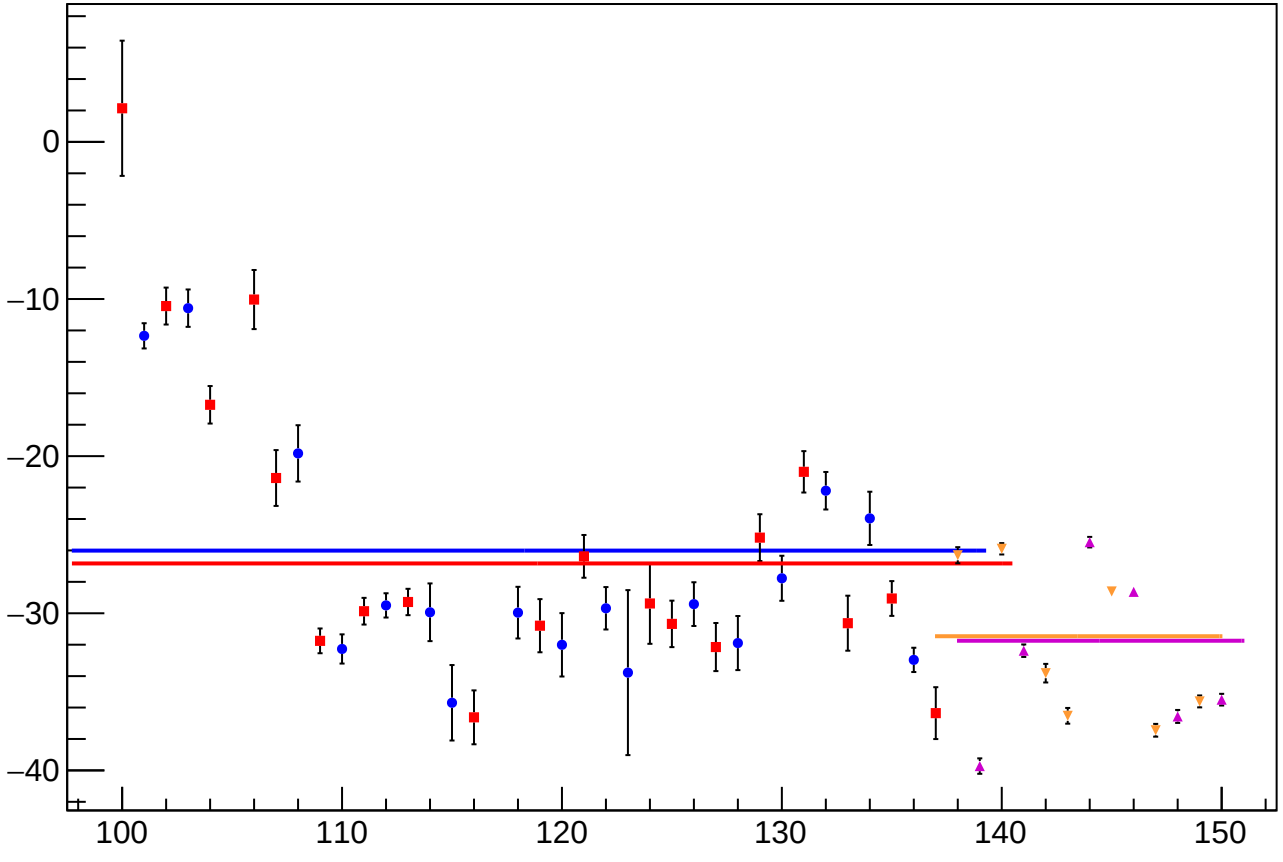
Left In: 0.852+/-0.101 χ^2/NDF:468.3/5

+ sign 1.599+/-0.089 χ^2/NDF: 1177.5/23

All: 1.136+/-0.062 χ^2/NDF: 1982.5/48

- sign 0.691+/-0.087 χ^2/NDF: 752.0/24

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -31.461+/-0.155 χ^2/NDF:875.8/6

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

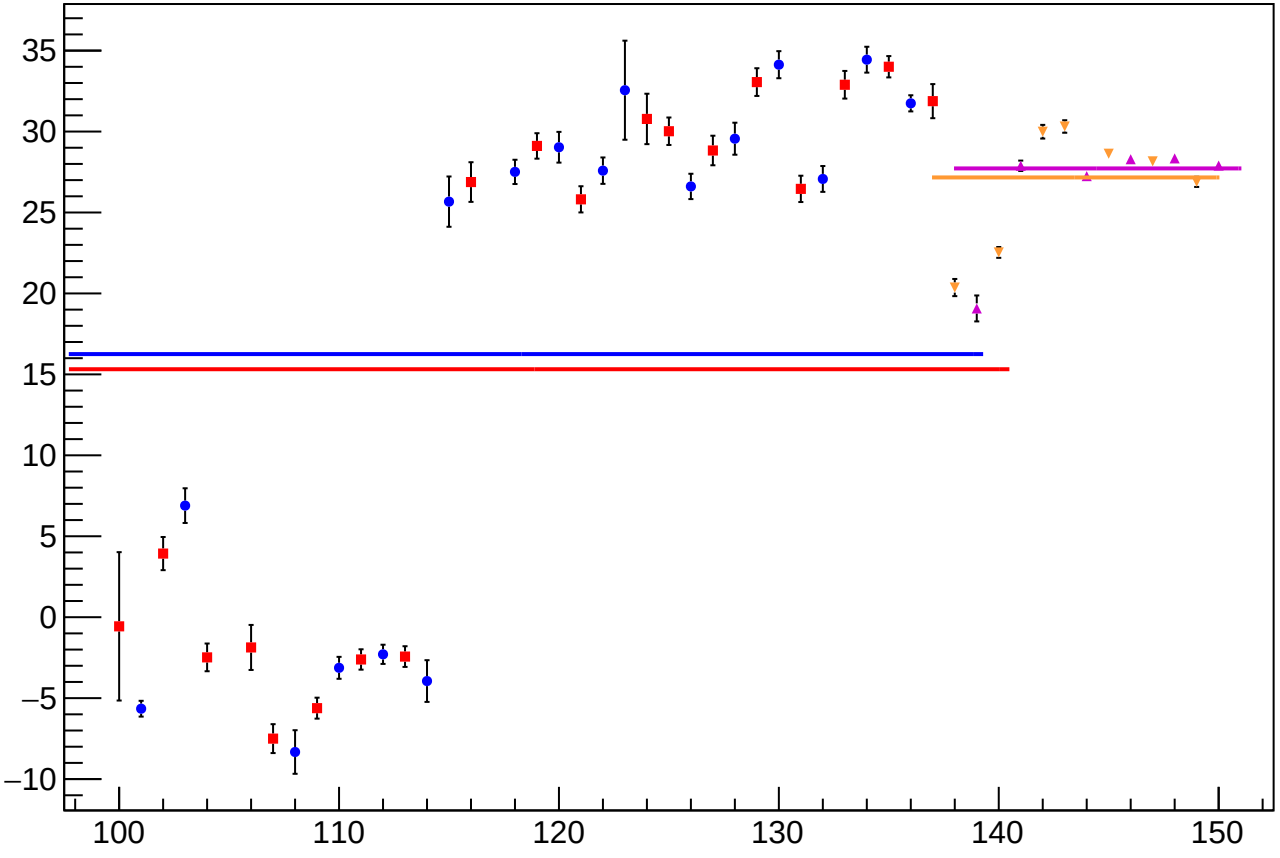
Left In: -31.748+/-0.150 χ^2/NDF:967.8/5

+ sign -30.312+/-0.138 χ^2/NDF: 1829.8/23

All: -30.535+/-0.096 χ^2/NDF: 3602.1/48

- sign -30.747+/-0.134 χ^2/NDF: 1767.1/24

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 27.165+/-0.129 χ^2/NDF:509.1/6

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

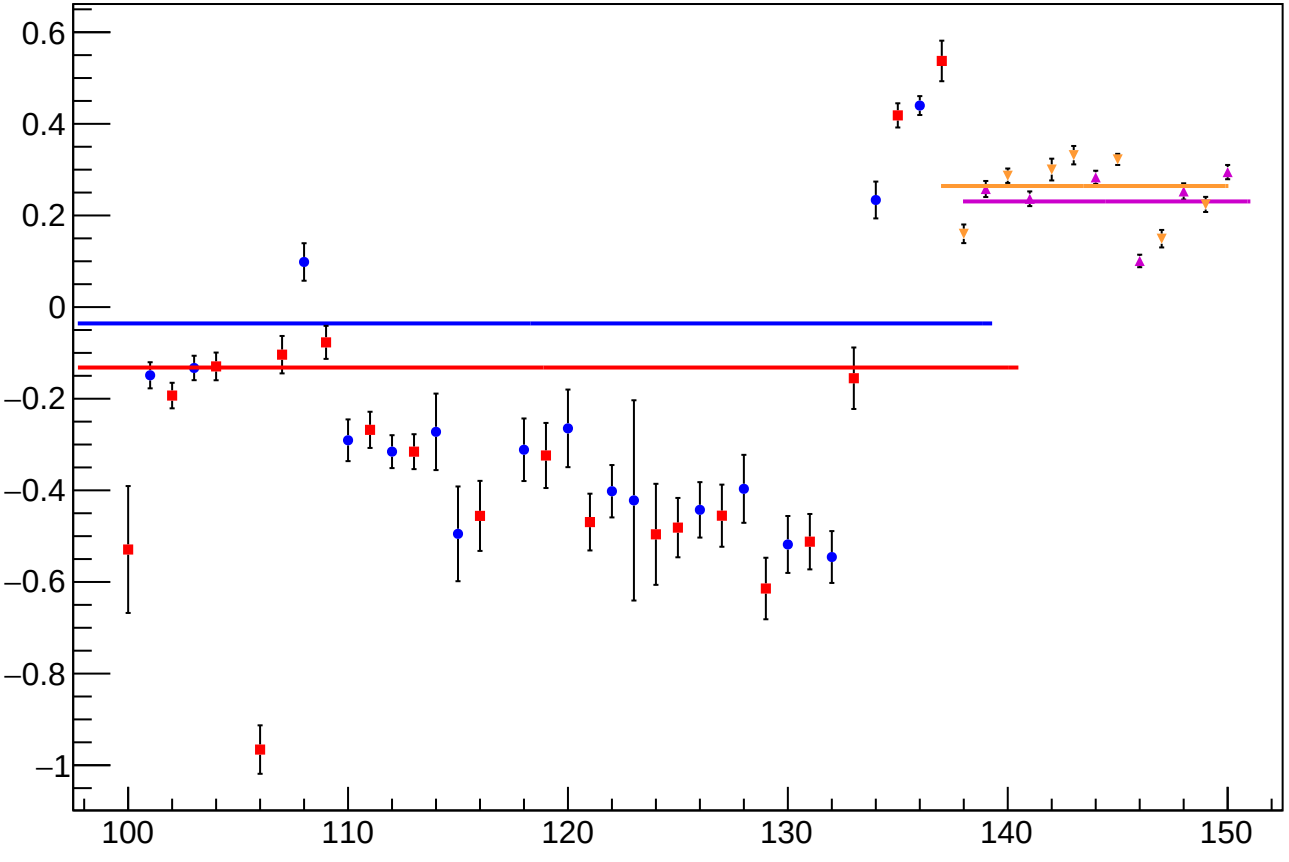
Left In: 27.722+/-0.124 χ^2/NDF:130.2/5

+ sign 23.762+/-0.107 χ^2/NDF: 10365.7/23

All: 23.975+/-0.075 χ^2/NDF: 20617.8/48

- sign 24.183+/-0.105 χ^2/NDF: 10244.1/24

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.264+/-0.006 χ^2/NDF:106.9/6

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

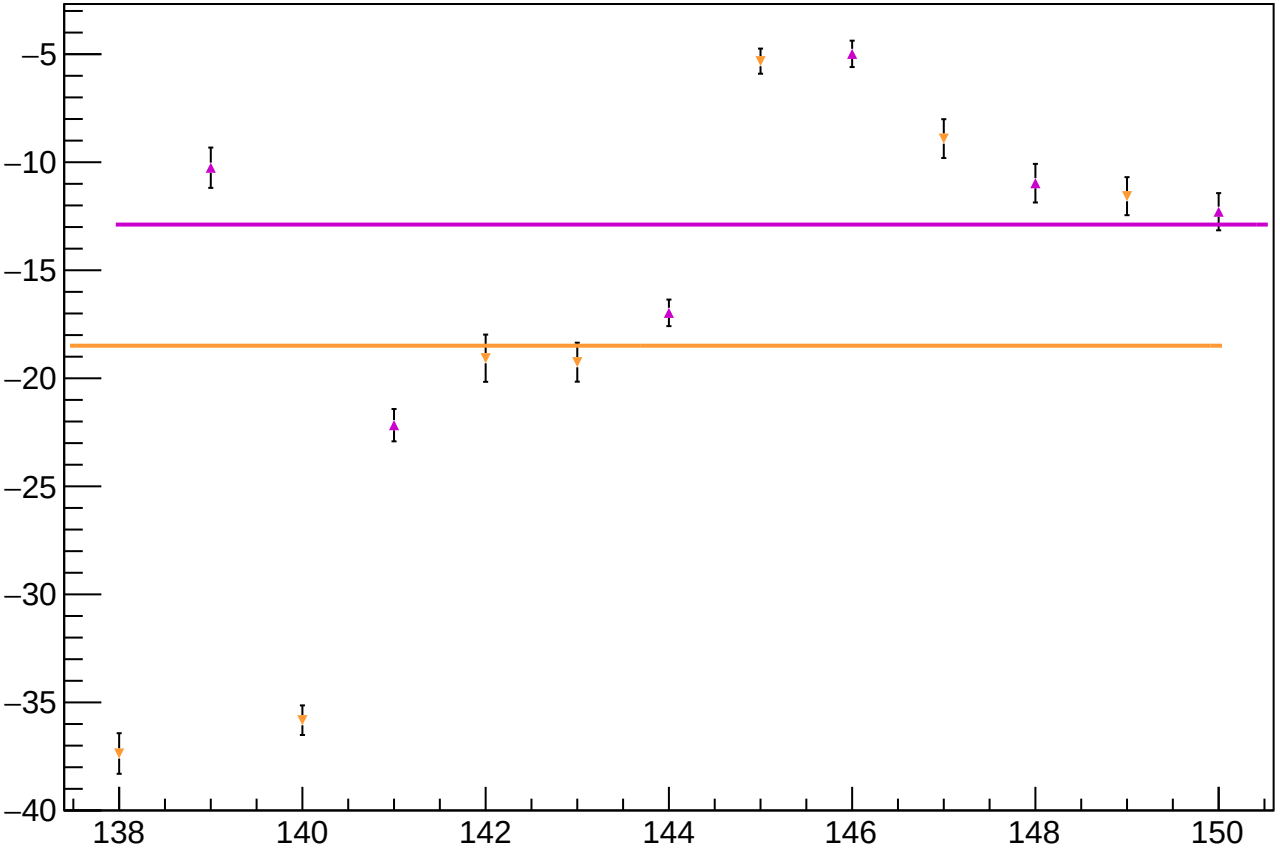
Left In: 0.231+/-0.006 χ^2/NDF:124.5/5

+ sign 0.180+/-0.005 χ^2/NDF: 1728.6/23

All: 0.155+/-0.004 χ^2/NDF: 3952.0/48

- sign 0.131+/-0.005 χ^2/NDF: 2183.7/24

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.491+/-0.304 χ^2/NDF:1733.9/6

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

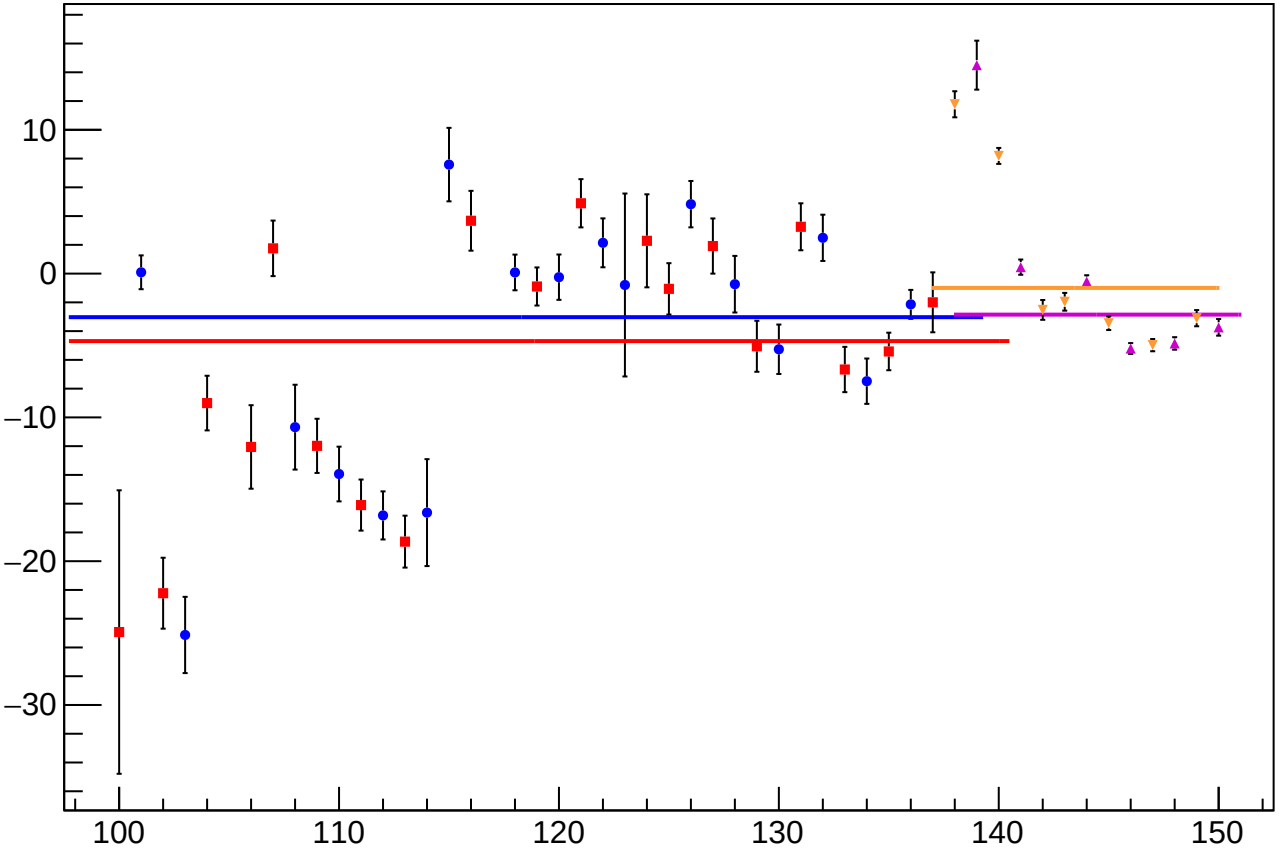
Left In: -12.886+/-0.303 χ^2/NDF:378.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.681+/-0.215 χ^2/NDF: 2282.9/12

- 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: -0.996+/-0.212 χ^2/NDF:607.5/6

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

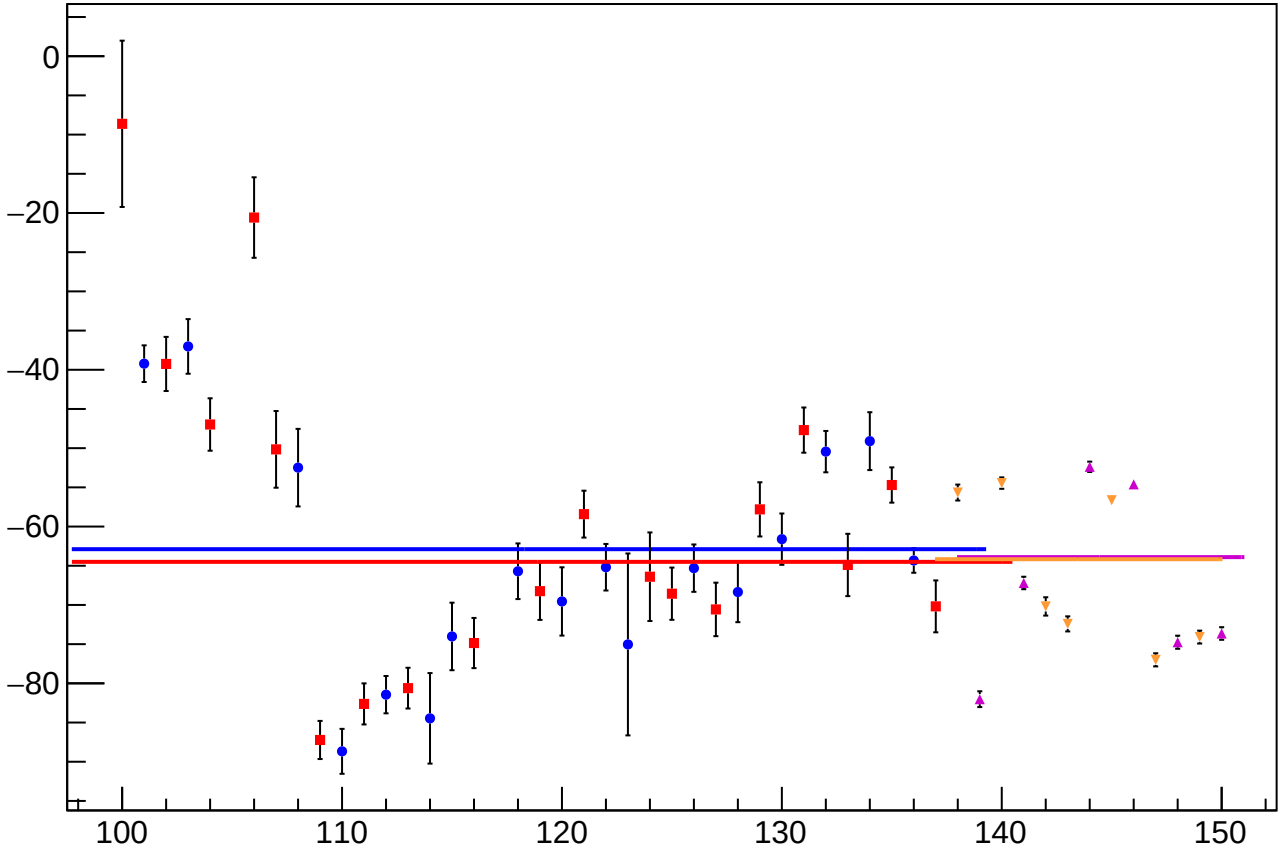
Left In: -2.853+/-0.202 χ^2/NDF:232.8/5

+ sign -1.428+/-0.188 χ^2/NDF: 907.9/23

All: -2.333+/-0.131 χ^2/NDF: 1499.4/48

- sign -3.191+/-0.183 χ^2/NDF: 546.3/24

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -64.164+/-0.313 χ^2/NDF:875.9/6

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

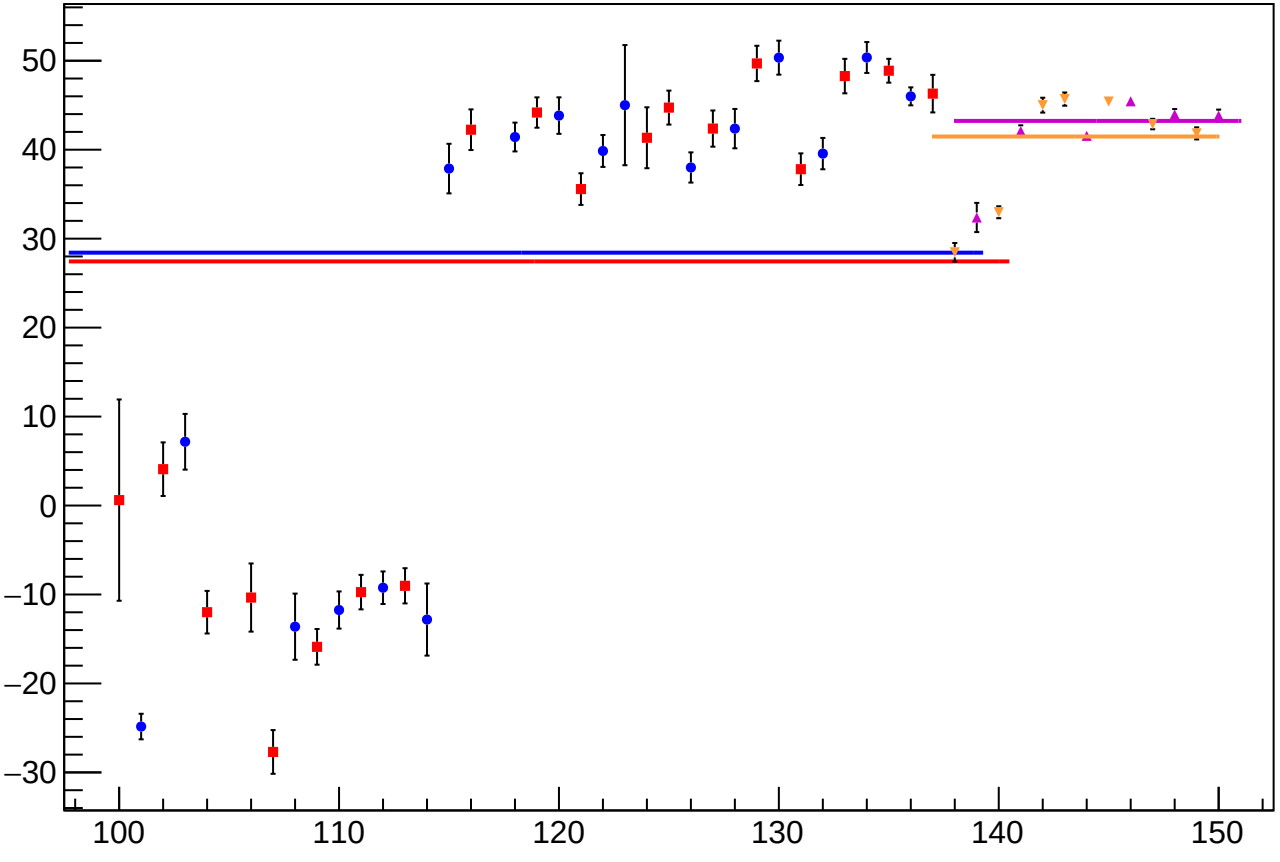
Left In: -63.897+/-0.305 χ^2/NDF:1212.0/5

+ sign -63.969+/-0.288 χ^2/NDF: 1247.2/23

All: -63.976+/-0.202 χ^2/NDF: 2903.8/48

- sign -63.983+/-0.283 χ^2/NDF: 1656.6/24

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 41.481+/-0.260 χ^2/NDF:422.8/6

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

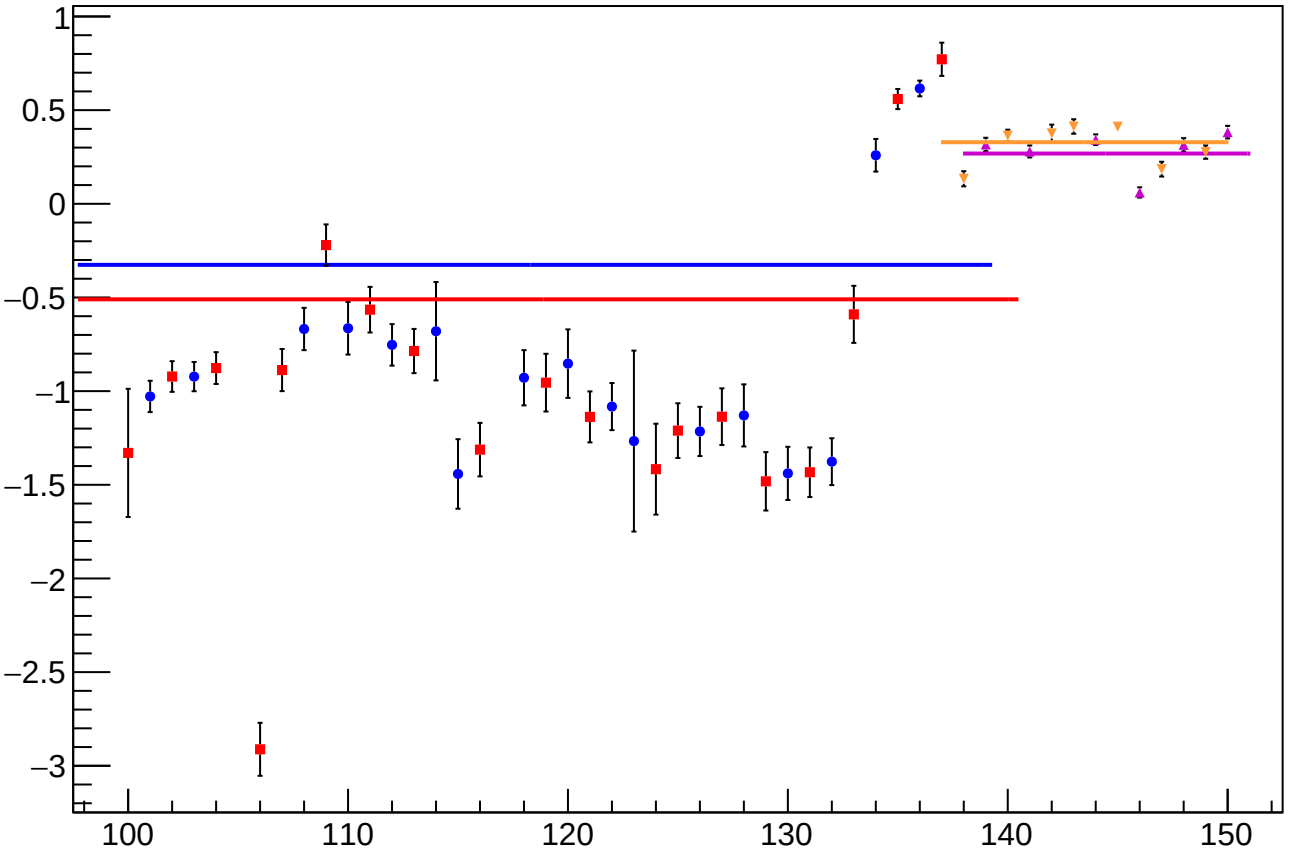
Left In: 43.235+/-0.251 χ^2/NDF:81.0/5

+ sign 38.291+/-0.226 χ^2/NDF: 4369.7/23

All: 39.071+/-0.158 χ^2/NDF: 8361.1/48

- sign 39.827+/-0.222 χ^2/NDF: 3967.9/24

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.329+/-0.013 χ^2/NDF:57.4/6

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

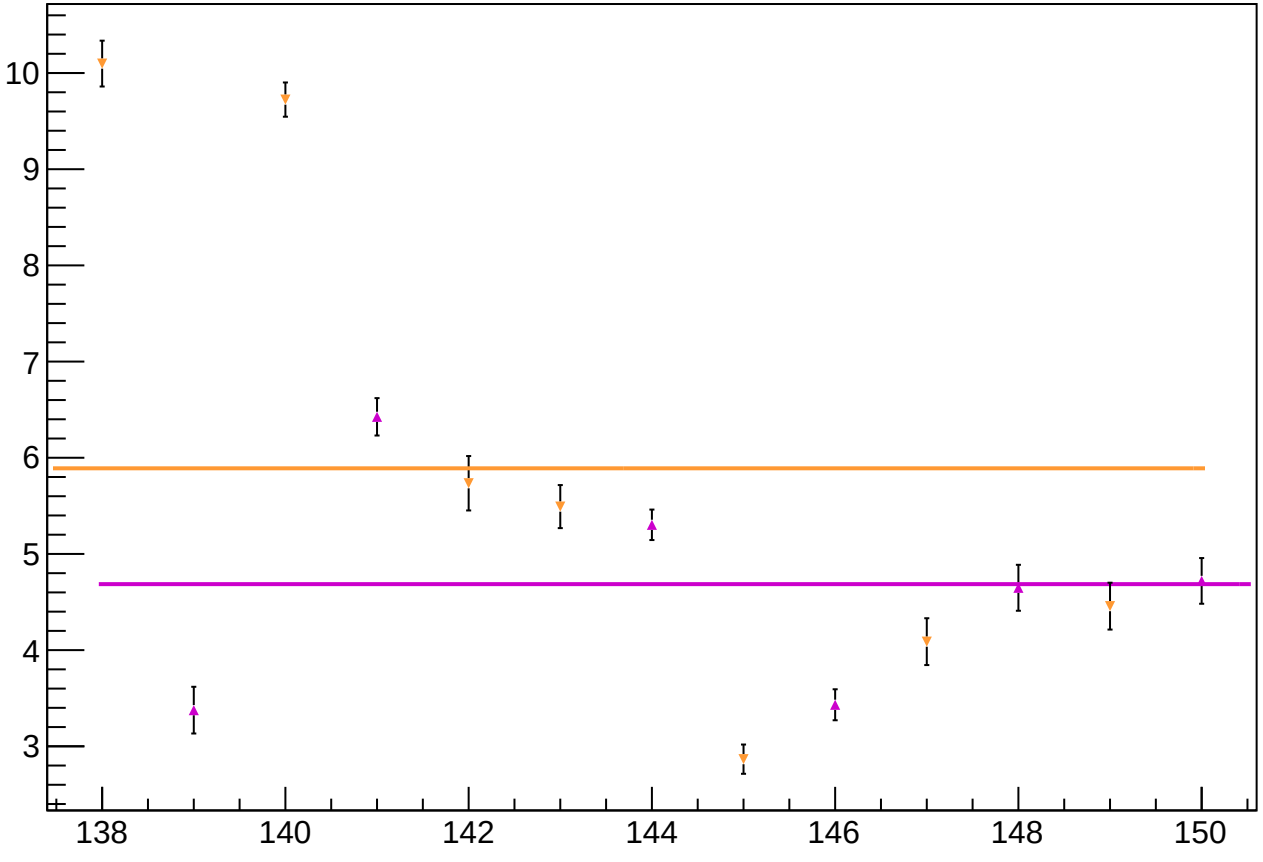
Left In: 0.268+/-0.013 χ^2/NDF:79.1/5

+ sign 0.187+/-0.012 χ^2/NDF: 1612.6/23

All: 0.149+/-0.008 χ^2/NDF: 3614.4/48

- sign 0.111+/-0.012 χ^2/NDF: 1979.9/24

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 5.890+/-0.079 χ^2/NDF:1263.3/6

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

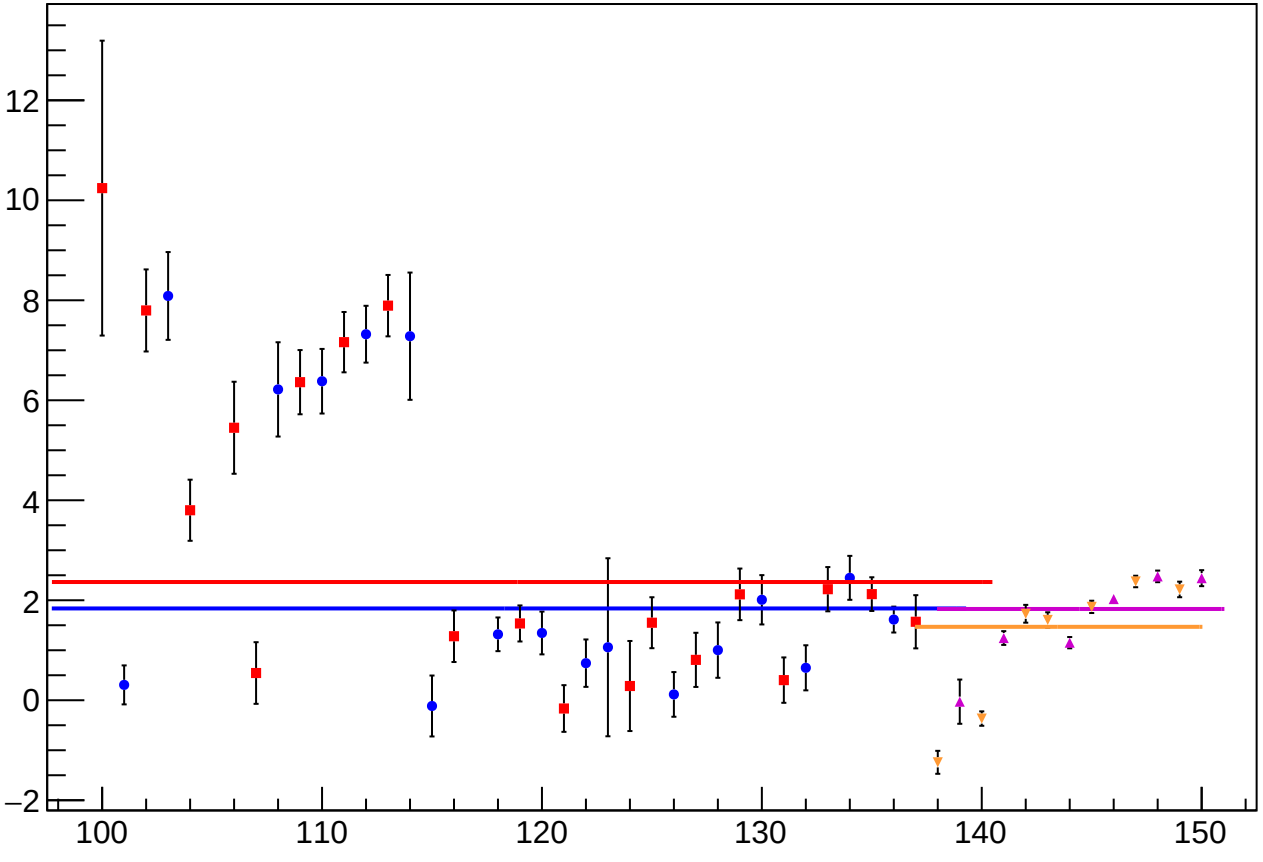
Left In: 4.686+/-0.080 χ^2/NDF:184.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.291+/-0.056 χ^2/NDF: 1562.7/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 1.469+/-0.056 χ^2/NDF:399.6/6

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

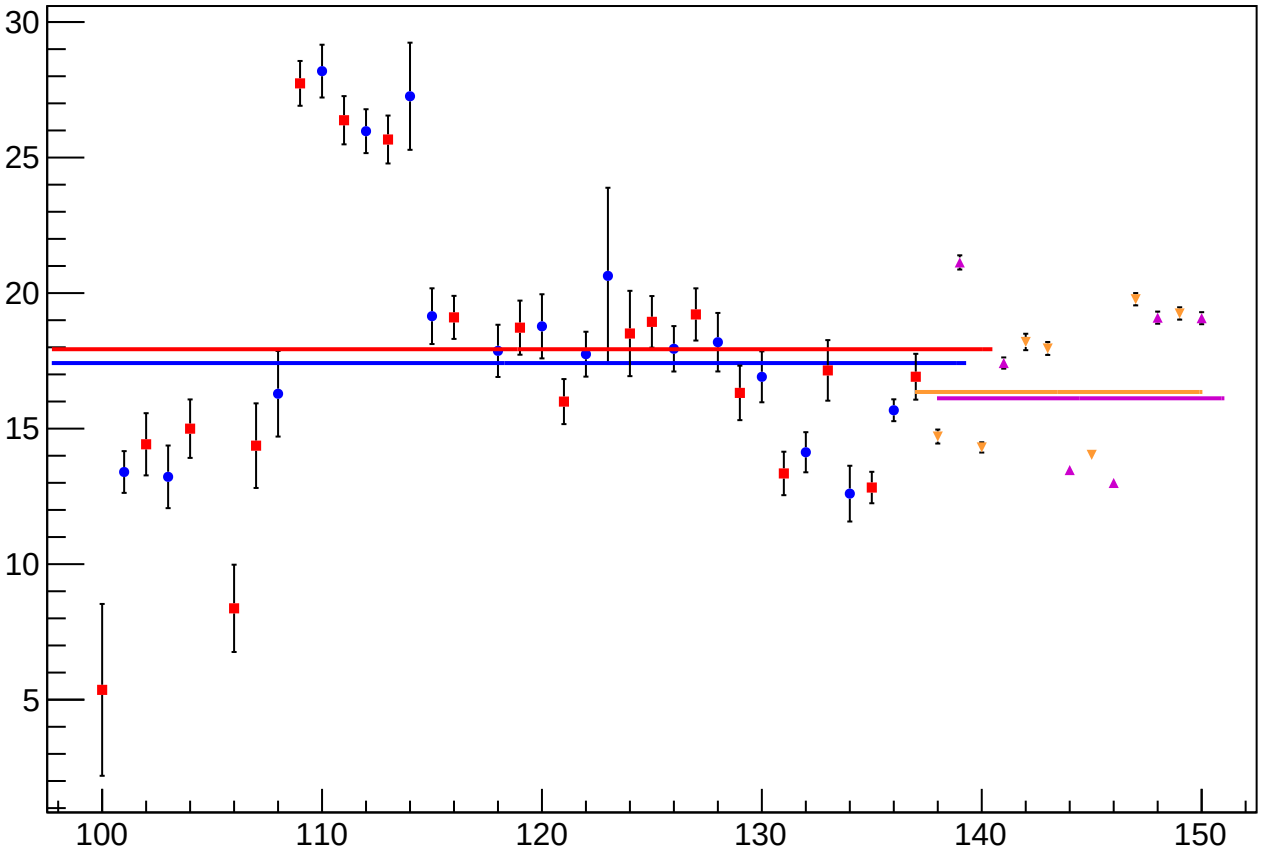
Left In: 1.826+/-0.053 χ^2/NDF:121.6/5

+ sign 1.537+/-0.050 χ^2/NDF: 702.7/23

All: 1.729+/-0.035 χ^2/NDF: 1205.5/48

- sign 1.911+/-0.049 χ^2/NDF: 474.2/24

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 16.352+/-0.082 χ^2/NDF:833.3/6

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

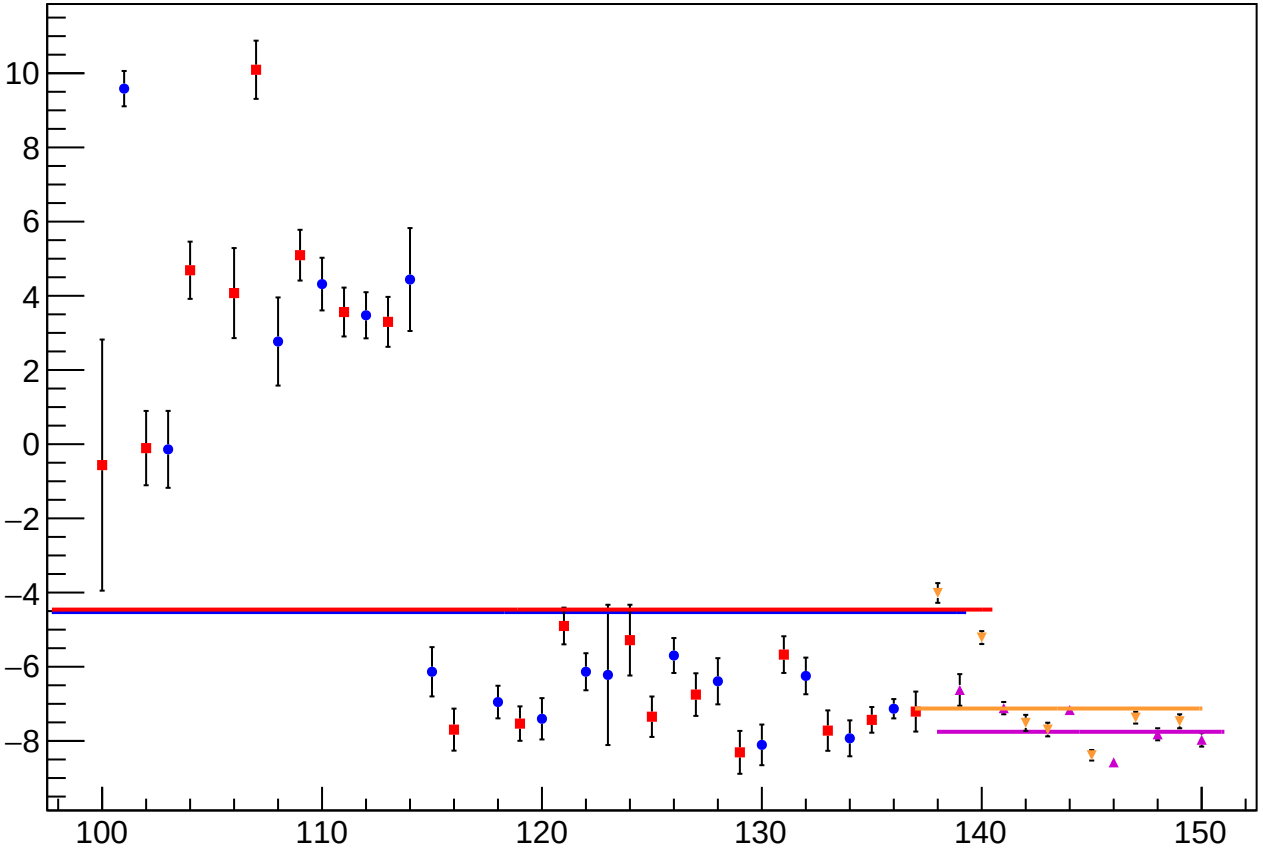
Left In: 16.118+/-0.080 χ^2/NDF:1409.0/5

+ sign 16.491+/-0.077 χ^2/NDF: 1222.2/23

All: 16.411+/-0.054 χ^2/NDF: 3200.0/48

- sign 16.334+/-0.075 χ^2/NDF: 1975.6/24

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526+/-0.130 χ^2/NDF: 1590.2/16

Left Out: -7.126+/-0.068 χ^2/NDF:354.8/6

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

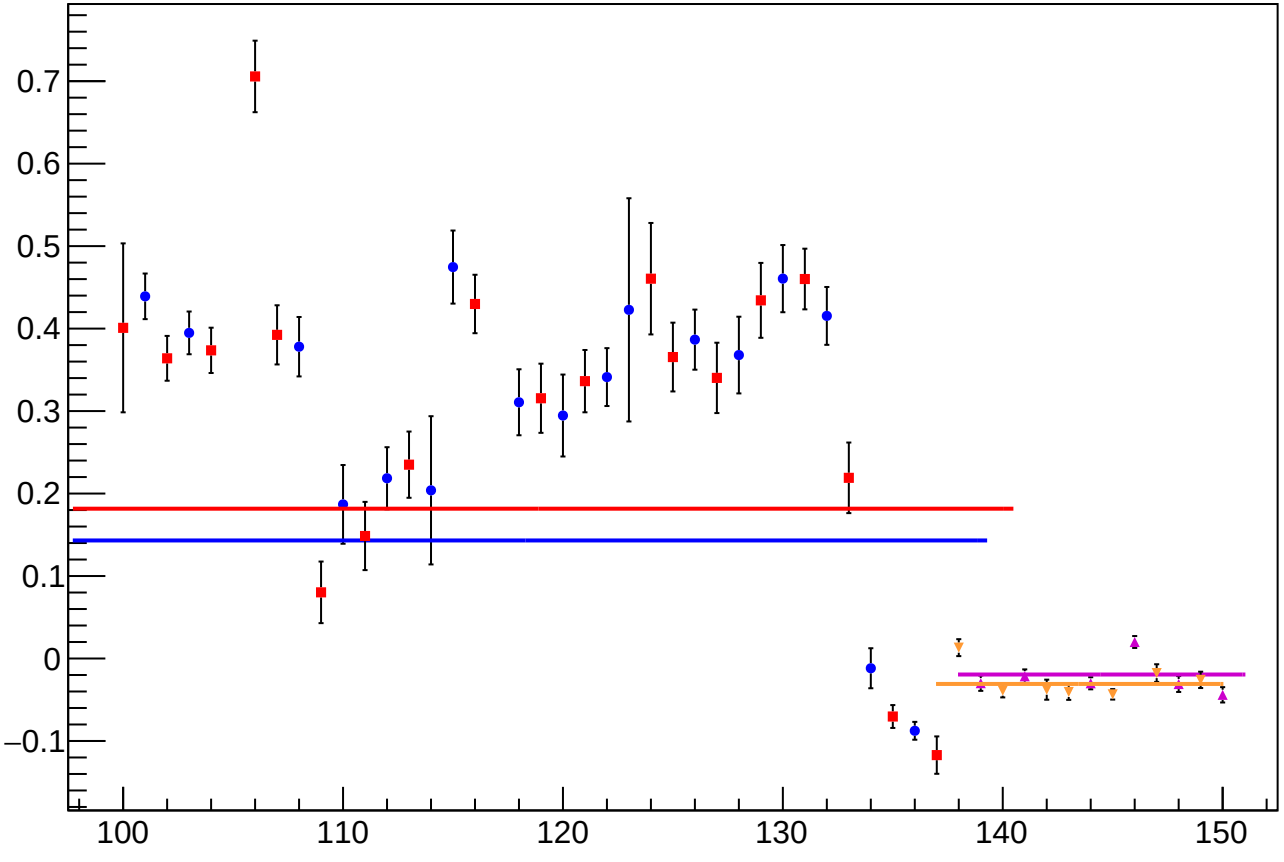
Left In: -7.754+/-0.066 χ^2/NDF:86.4/5

+ sign -6.562+/-0.060 χ^2/NDF: 2260.6/23

All: -6.851+/-0.042 χ^2/NDF: 4200.7/48

- sign -7.132+/-0.059 χ^2/NDF: 1894.8/24

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: -0.031+/-0.003 χ^2/NDF:26.4/6

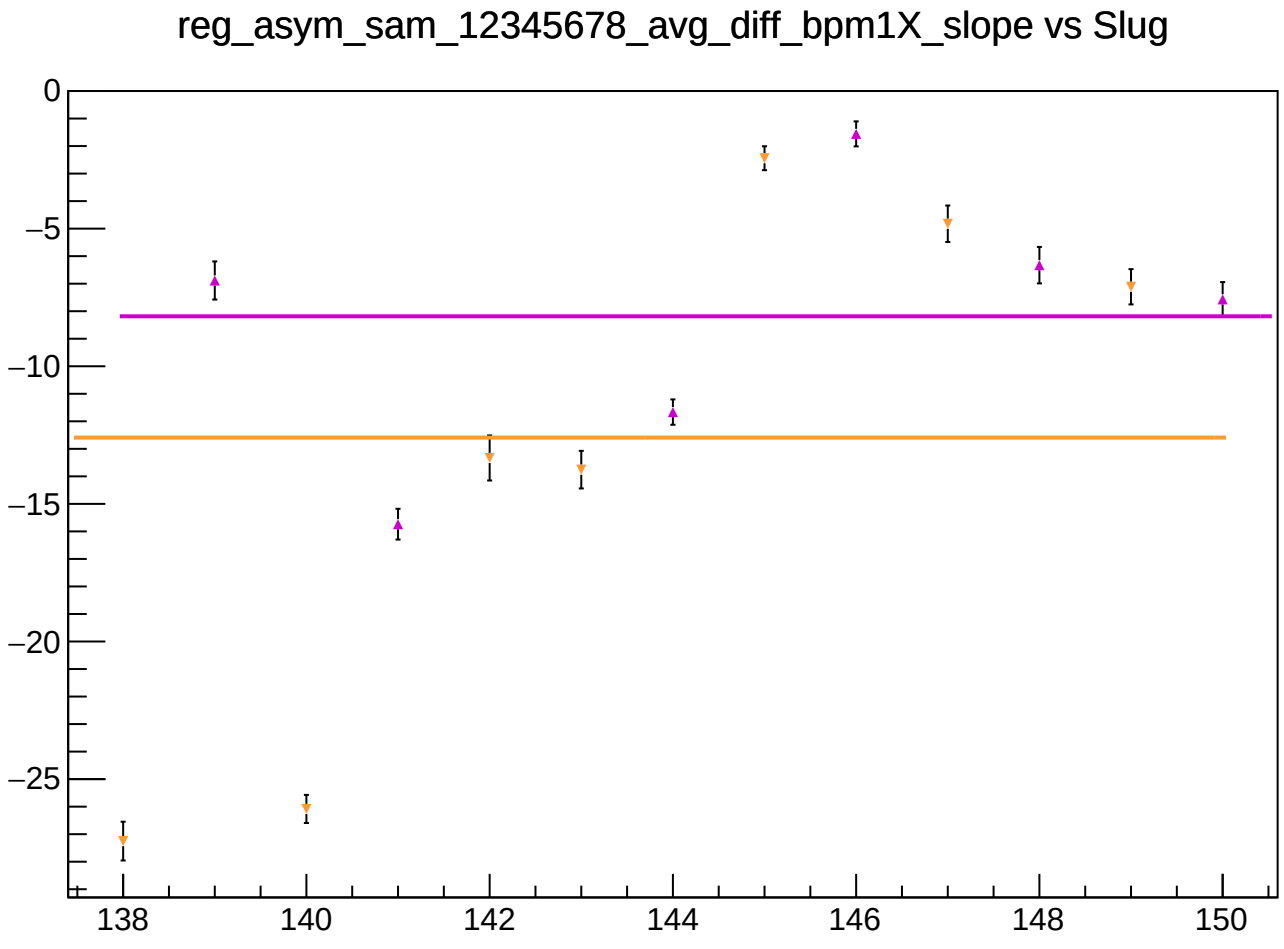
Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.019+/-0.003 χ^2/NDF:41.7/5

+ sign 0.002+/-0.003 χ^2/NDF: 1579.6/23

All: 0.009+/-0.002 χ^2/NDF: 3249.6/48

- sign 0.016+/-0.003 χ^2/NDF: 1660.2/24



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

Left Out: -12.592+/-0.226 χ^2/NDF:1892.1/6

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

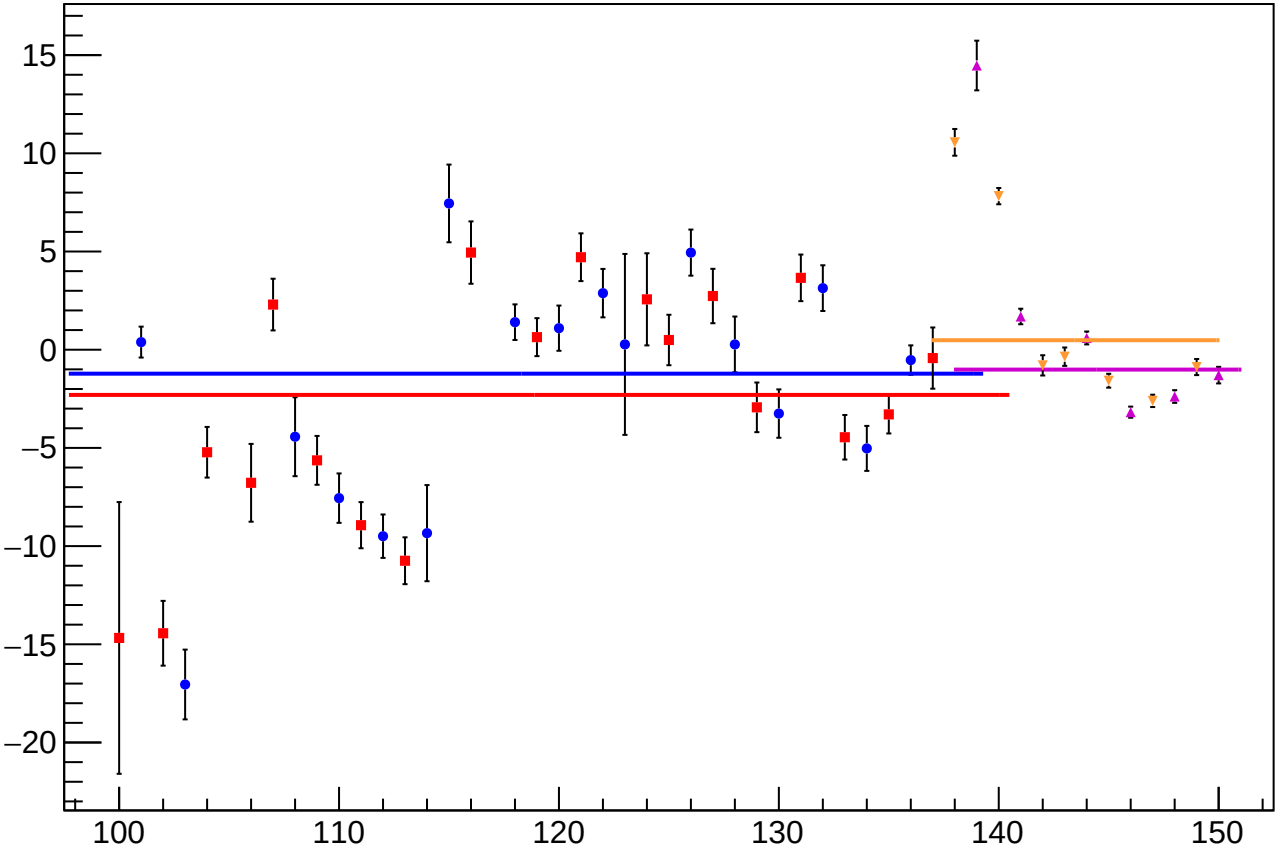
Left In: -8.184+/-0.226 χ^2/NDF:464.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.379+/-0.160 χ^2/NDF: 2547.2/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 0.483+/-0.157 χ^2/NDF:683.7/6

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

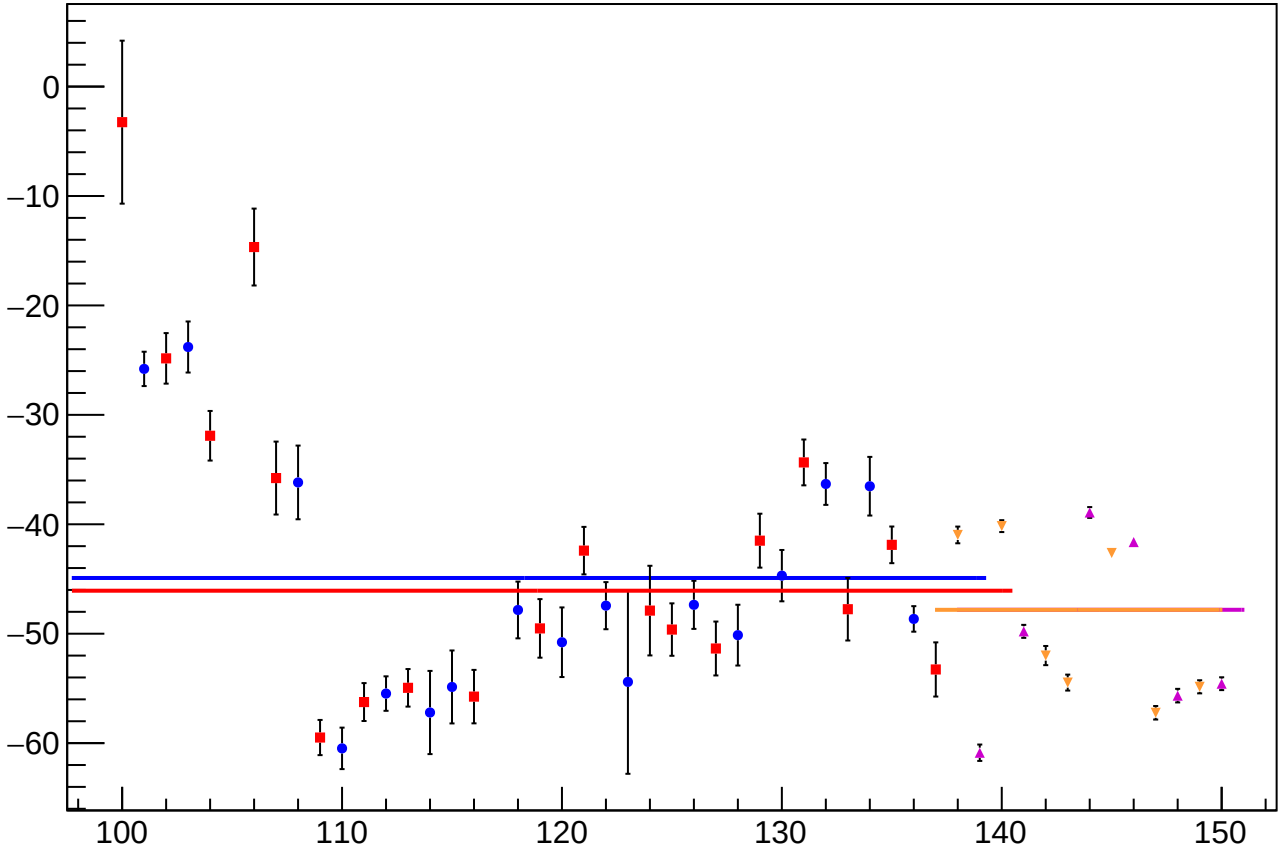
Left In: -1.012+/-0.151 χ^2/NDF:297.8/5

+ sign 0.096+/-0.138 χ^2/NDF: 988.9/23

All: -0.604+/-0.097 χ^2/NDF: 1637.4/48

- sign -1.269+/-0.135 χ^2/NDF: 598.6/24

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -47.818+/-0.233 χ^2/NDF:880.7/6

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

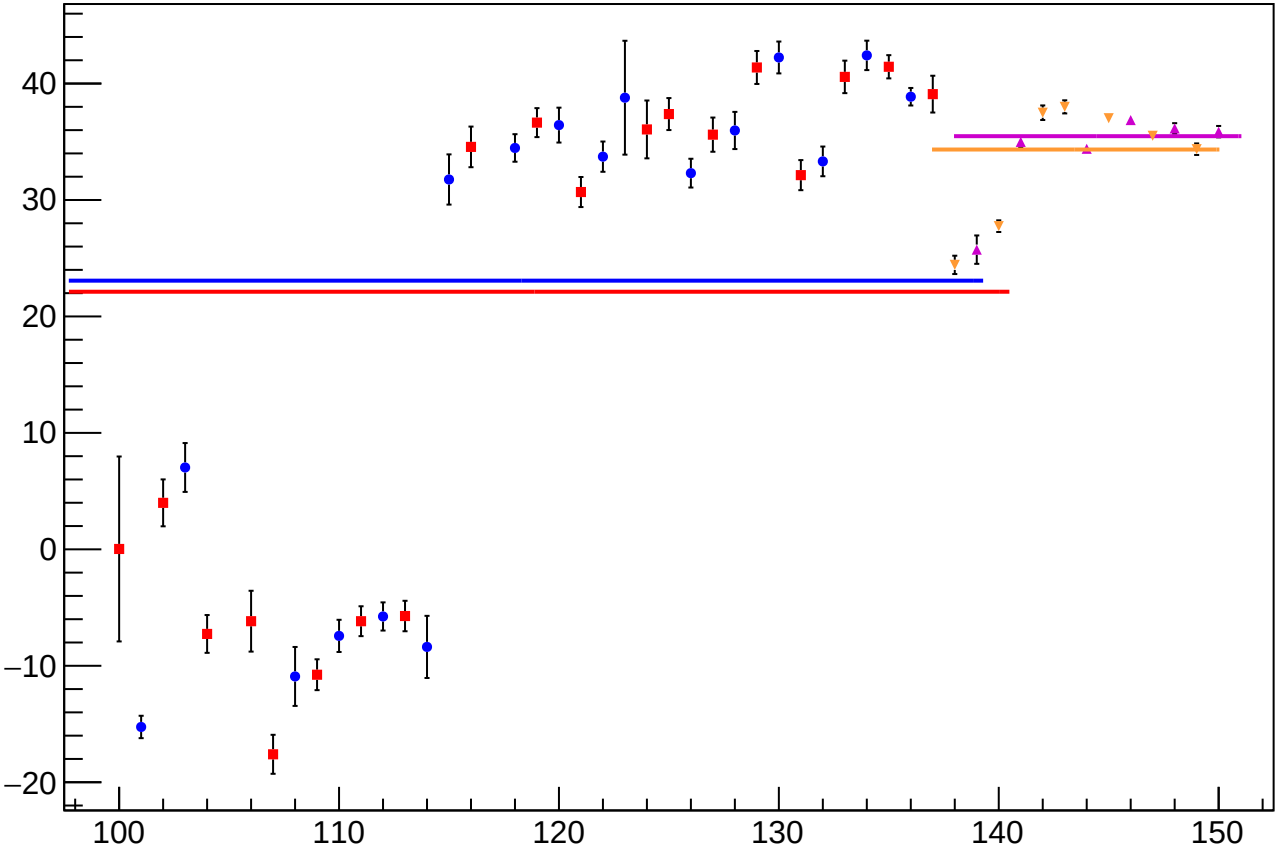
Left In: -47.814+/-0.227 χ^2/NDF:1133.2/5

+ sign -47.335+/-0.213 χ^2/NDF: 1327.8/23

All: -47.441+/-0.149 χ^2/NDF: 2924.6/48

- sign -47.543+/-0.208 χ^2/NDF: 1596.4/24

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 34.334+/-0.193 χ^2/NDF:449.9/6

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

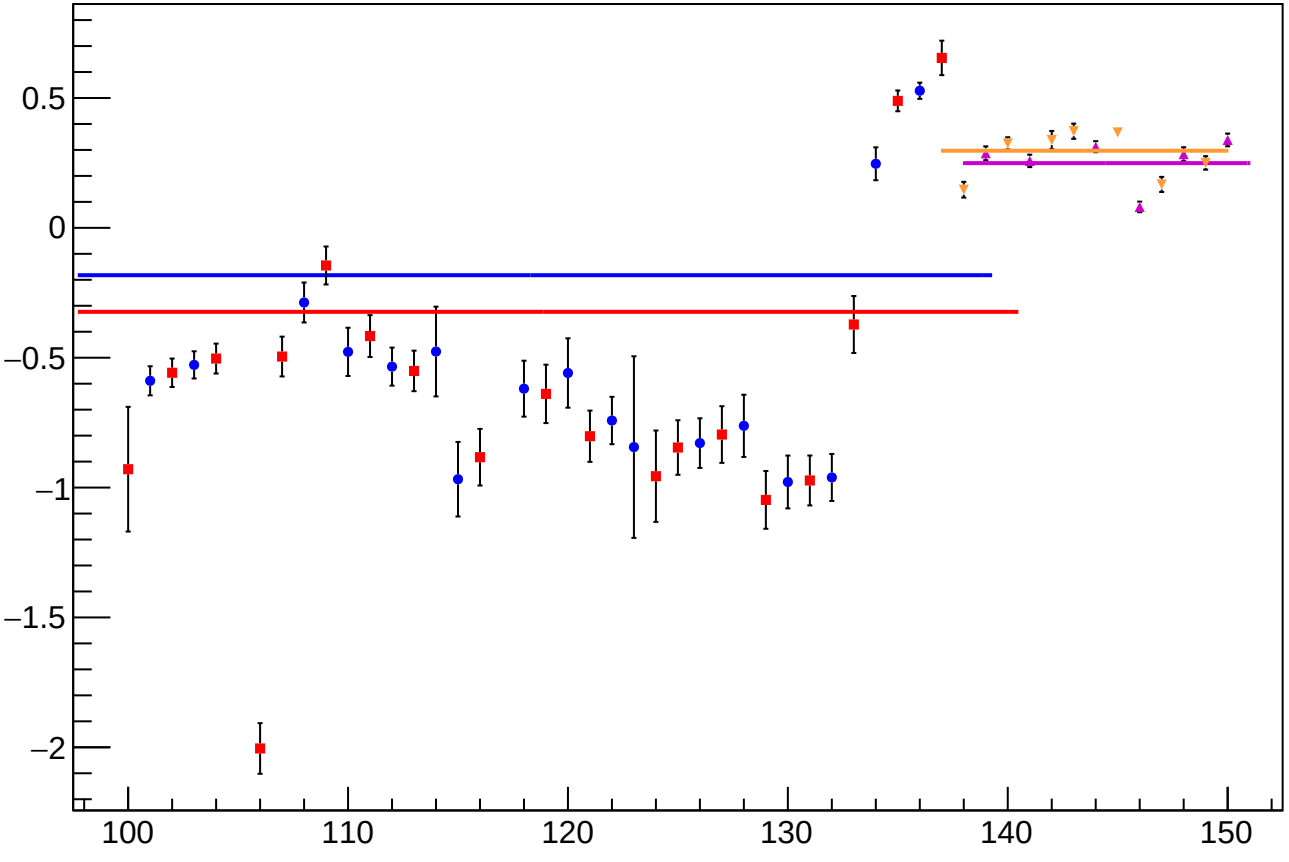
Left In: 35.480+/-0.187 χ^2/NDF:90.6/5

+ sign 31.402+/-0.166 χ^2/NDF: 5678.4/23

All: 31.899+/-0.117 χ^2/NDF: 11007.2/48

- sign 32.380+/-0.164 χ^2/NDF: 5311.2/24

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.297+/-0.010 χ^2/NDF:72.2/6

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

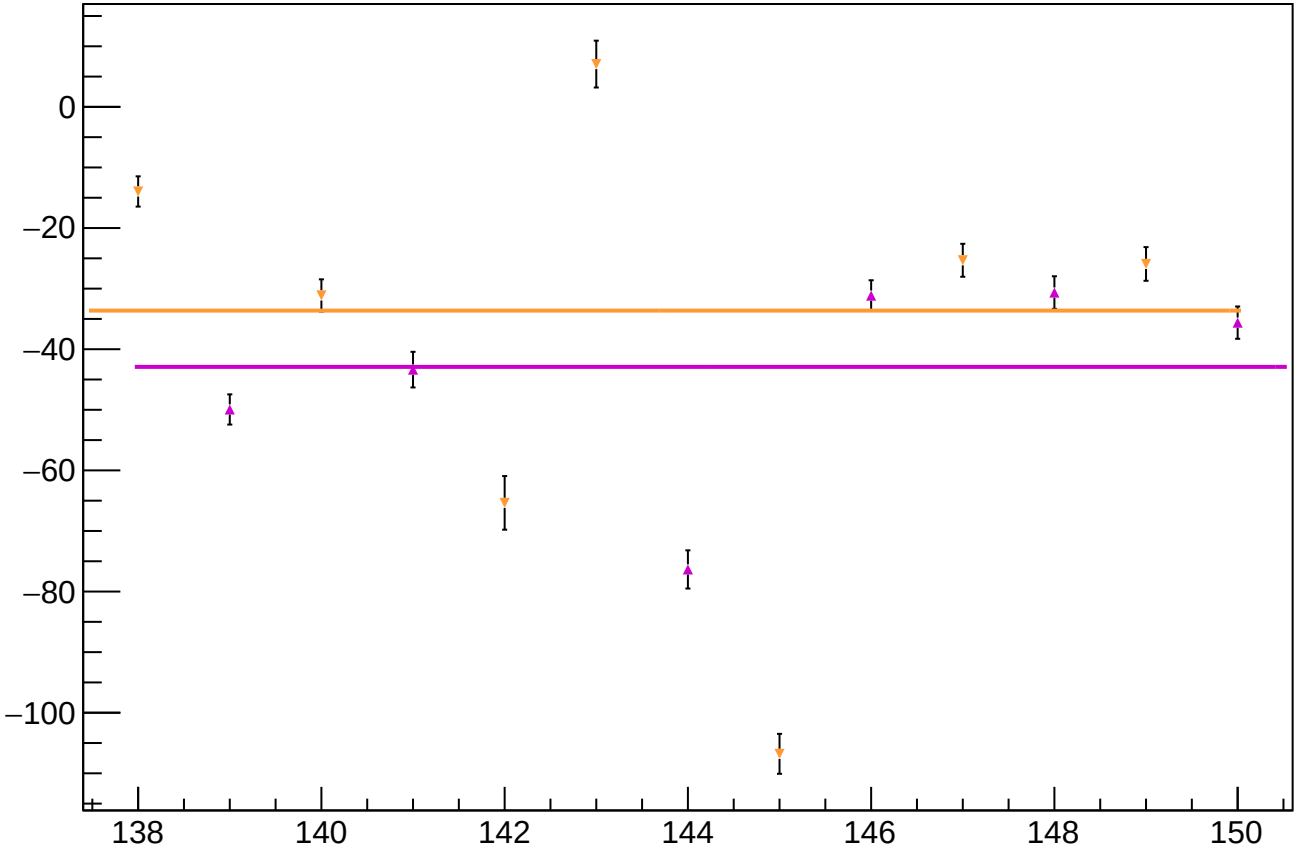
Left In: 0.249+/-0.010 χ^2/NDF:93.9/5

+ sign 0.186+/-0.009 χ^2/NDF: 1632.2/23

All: 0.155+/-0.006 χ^2/NDF: 3713.5/48

- sign 0.124+/-0.009 χ^2/NDF: 2054.5/24

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -33.625+/-1.134 χ^2/NDF:734.7/6

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

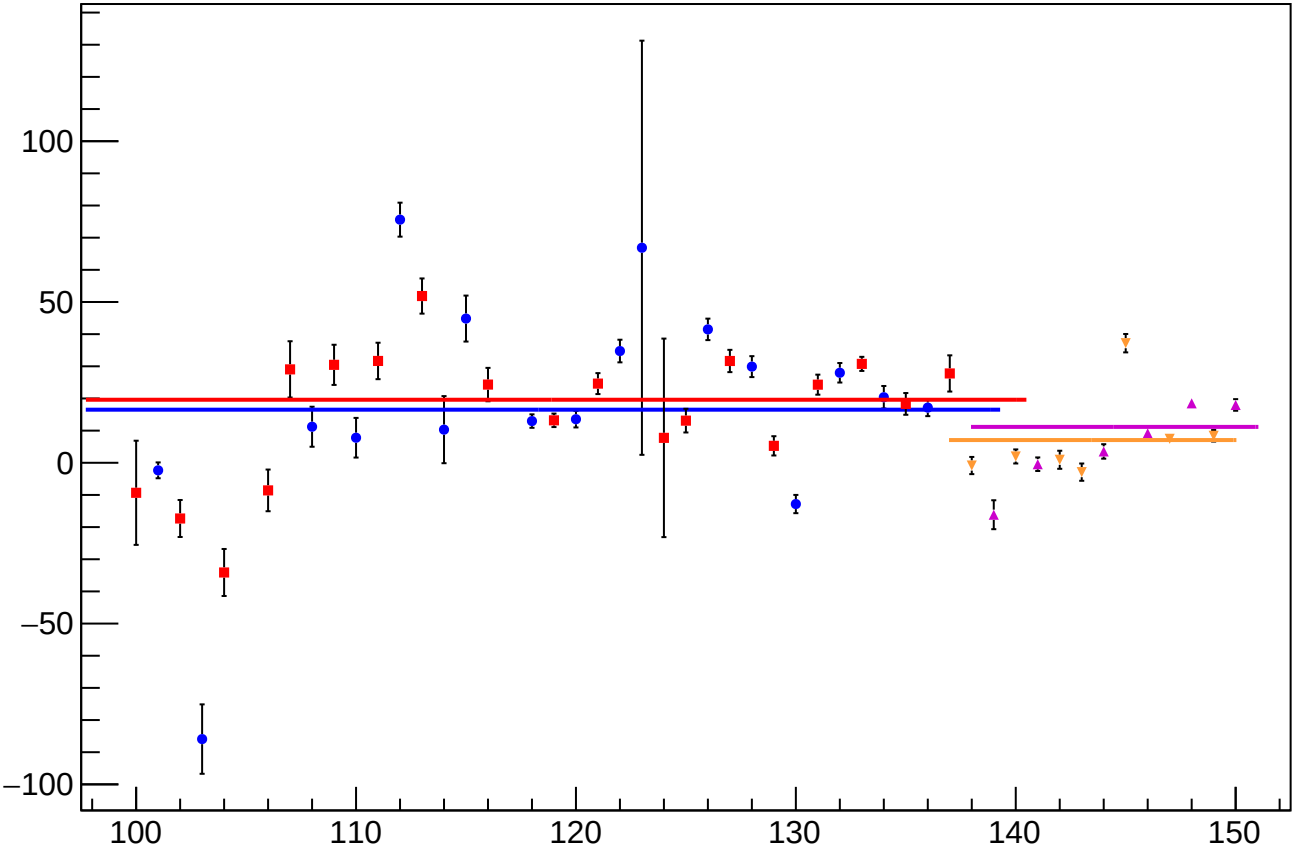
Left In: -42.915+/-1.110 χ^2/NDF:170.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.370+/-0.793 χ^2/NDF: 939.1/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 7.066+/-0.779 χ^2/NDF:144.5/6

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

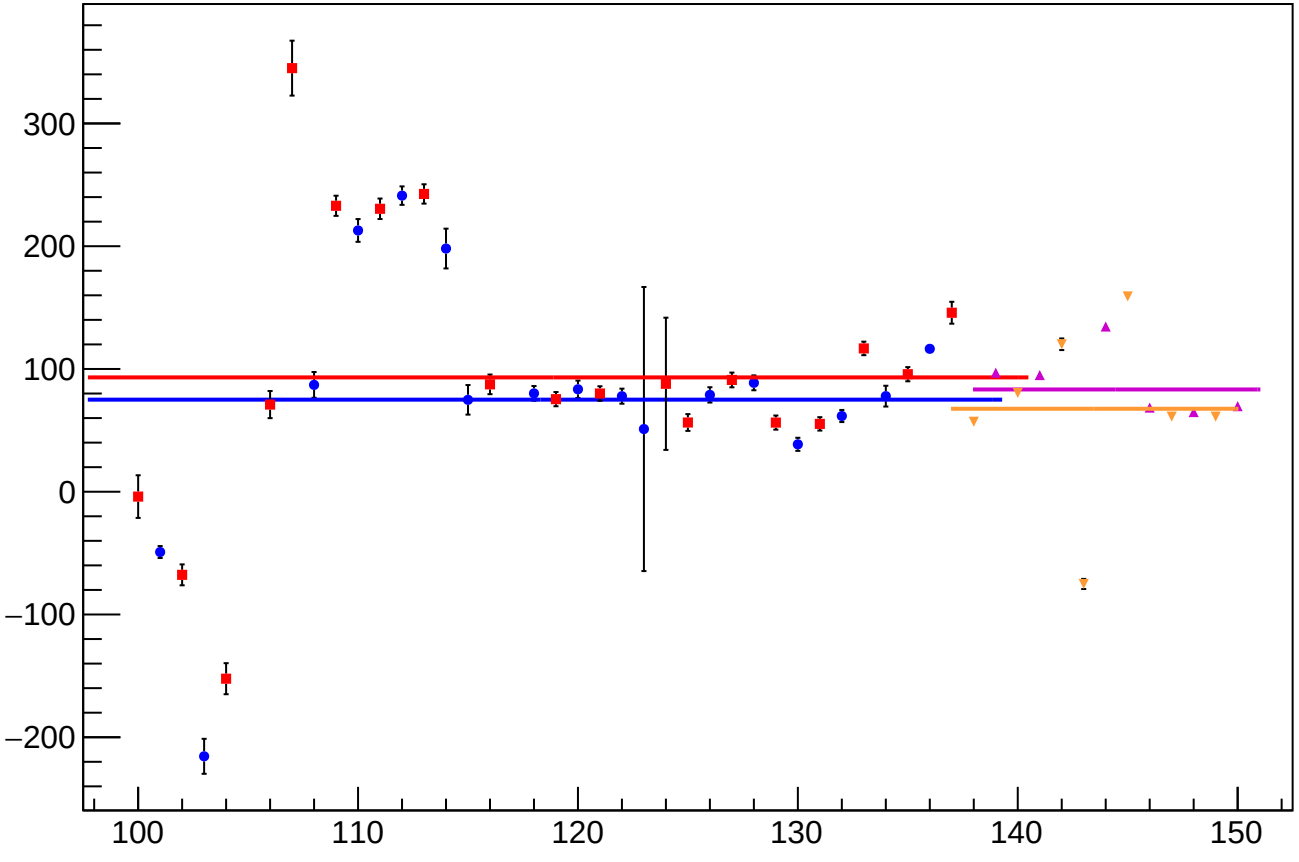
Left In: 11.162+/-0.741 χ^2/NDF:126.2/5

+ sign 11.391+/-0.573 χ^2/NDF: 731.5/23

All: 12.991+/-0.405 χ^2/NDF: 1167.7/48

- sign 14.581+/-0.572 χ^2/NDF: 420.7/24

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 67.592+/-1.152 χ^2/NDF:2082.4/6

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

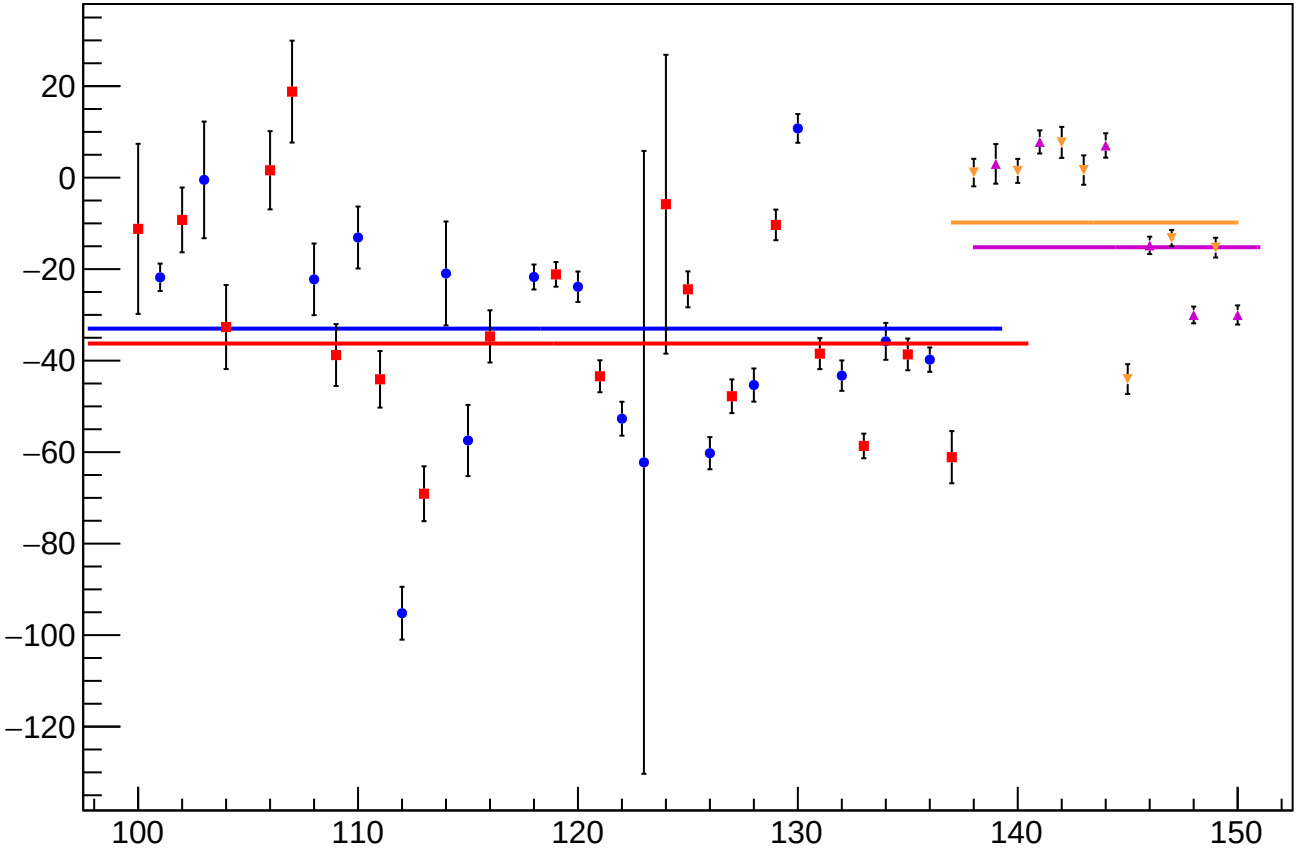
Left In: 83.313+/-1.108 χ^2/NDF:391.3/5

+ sign 70.051+/-0.942 χ^2/NDF: 4095.5/23

All: 78.238+/-0.662 χ^2/NDF: 6661.5/48

- sign 86.214+/-0.930 χ^2/NDF: 2416.8/24

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -9.809+/-0.969 χ^2/NDF:191.4/6

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

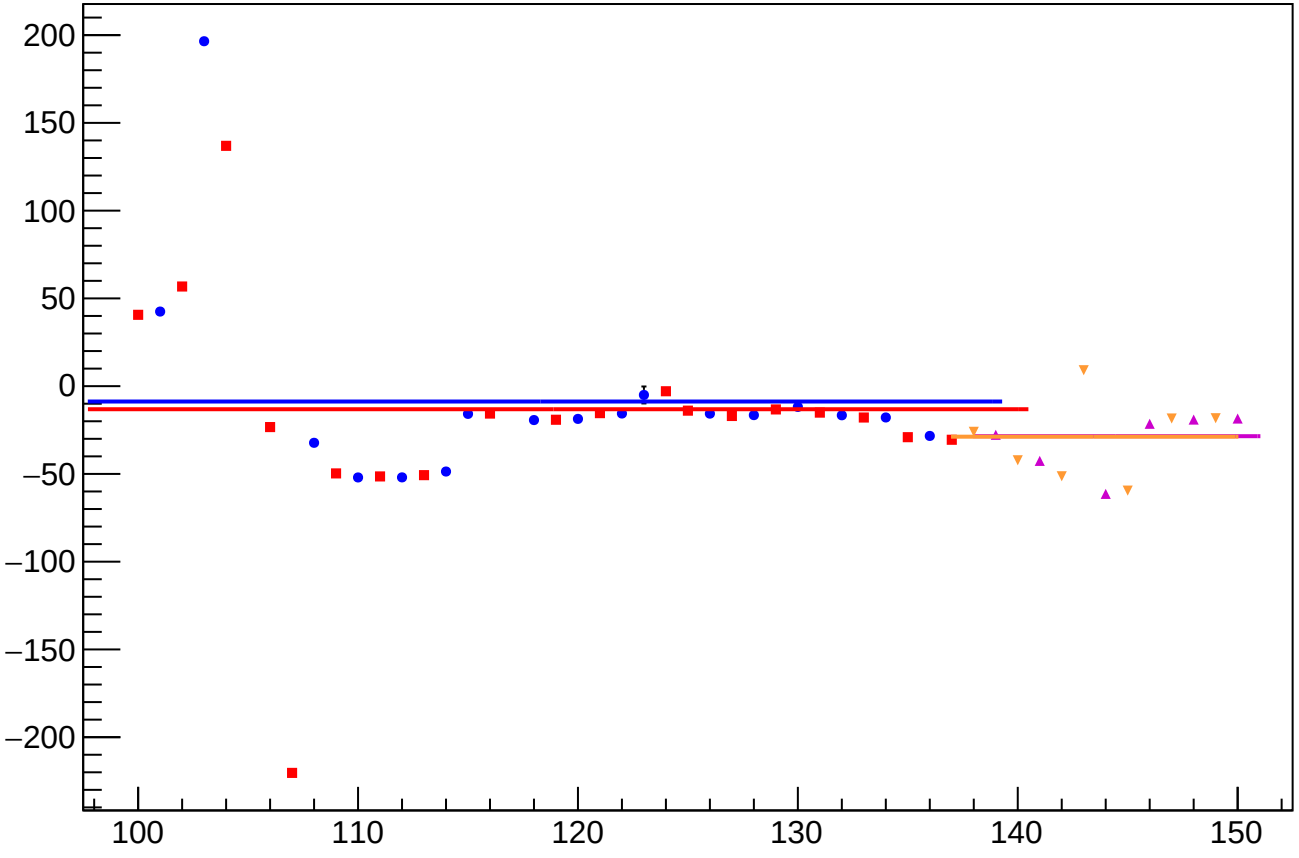
Left In: -15.212+/-0.930 χ^2/NDF:286.1/5

+ sign -21.376+/-0.686 χ^2/NDF: 970.1/23

All: -23.038+/-0.486 χ^2/NDF: 1796.3/48

- sign -24.712+/-0.689 χ^2/NDF: 814.4/24

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -28.787+/-0.049 χ^2/NDF:147219.0/6

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

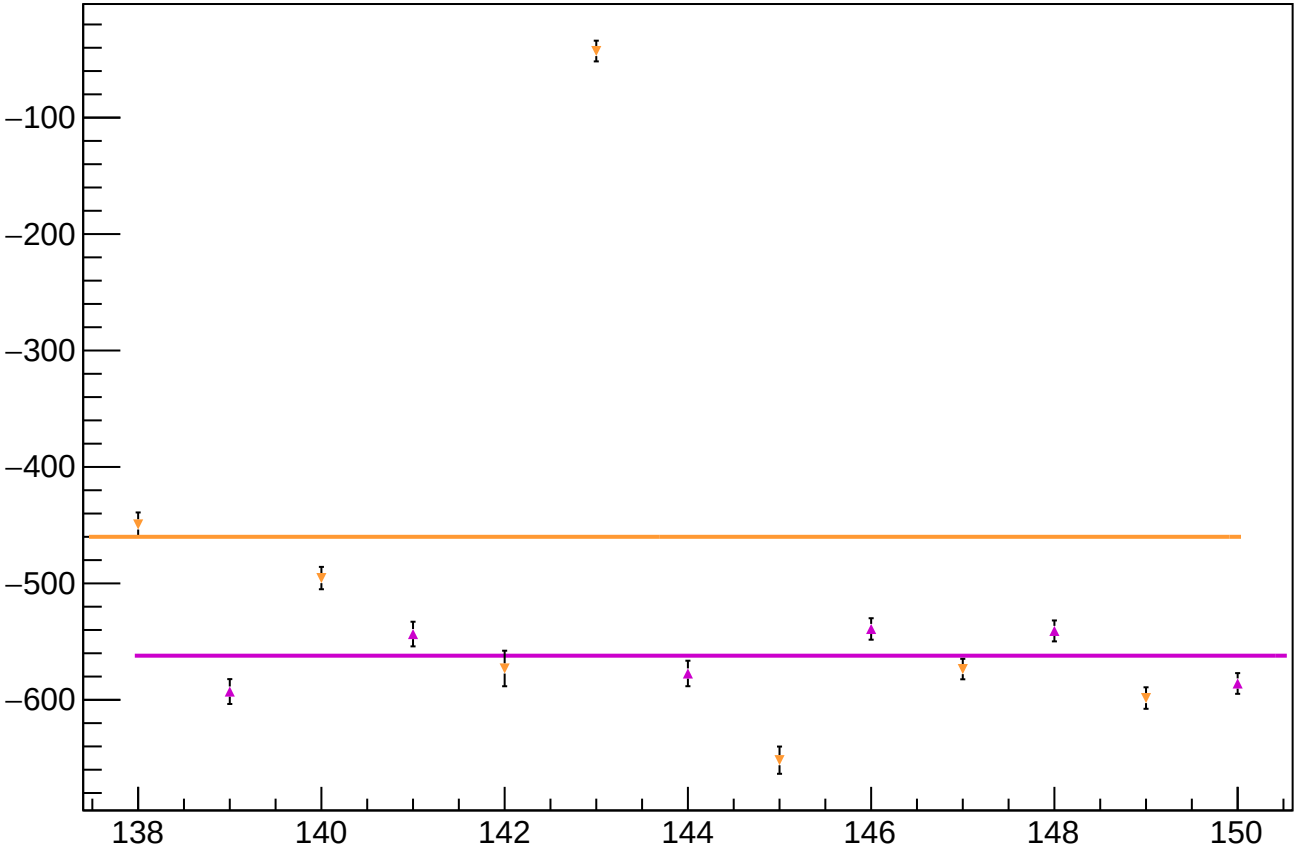
Left In: -28.504+/-0.046 χ^2/NDF:83046.5/5

+ sign -20.666+/-0.037 χ^2/NDF: 792264.8/23

All: -21.881+/-0.026 χ^2/NDF: 1475958.7/48

- sign -23.053+/-0.037 χ^2/NDF: 681623.5/24

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -459.984+/-3.801 χ^2/NDF:2928.1/6

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

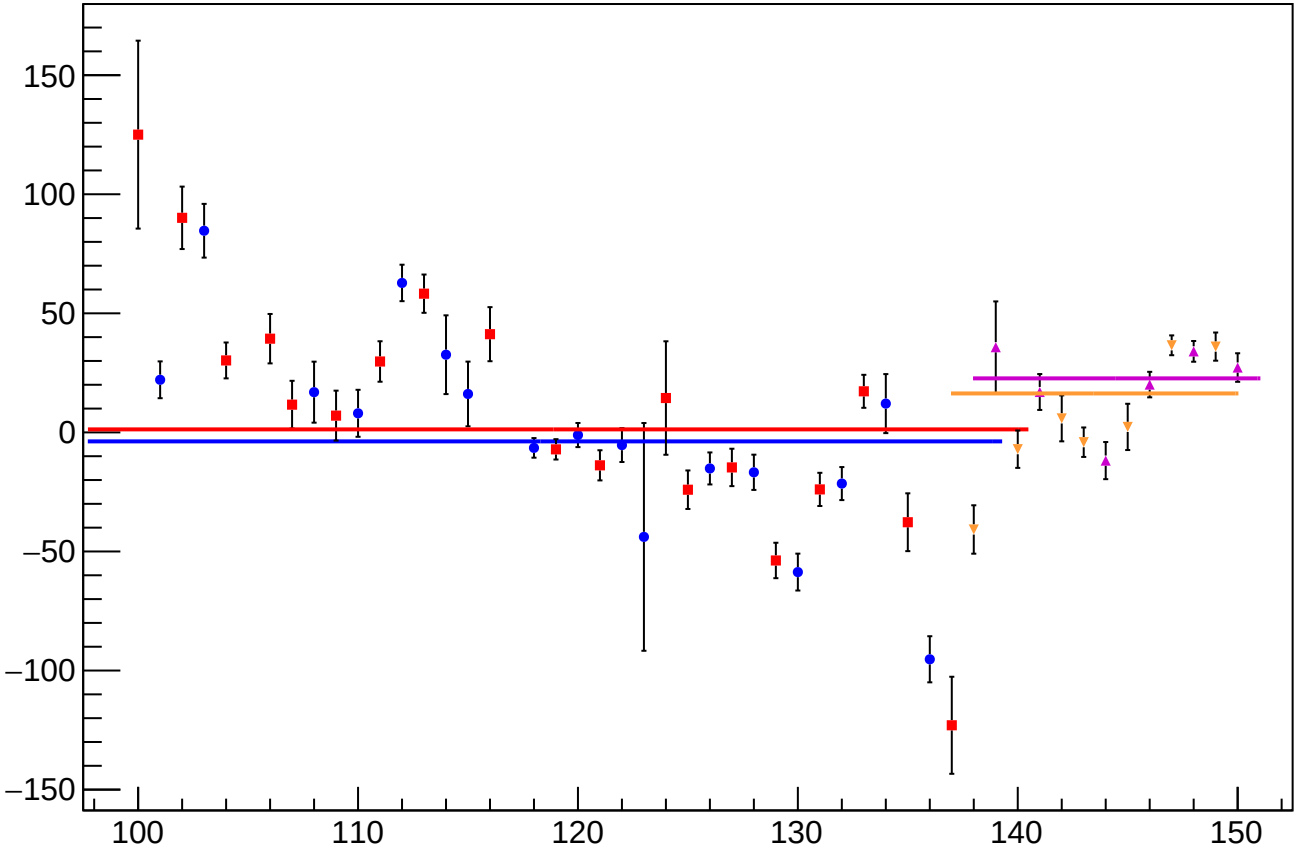
Left In: -562.073+/-3.990 χ^2/NDF:32.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -508.557+/-2.752 χ^2/NDF: 3303.6/12

- 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: 16.356+/-2.502 χ^2/NDF:89.4/6

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

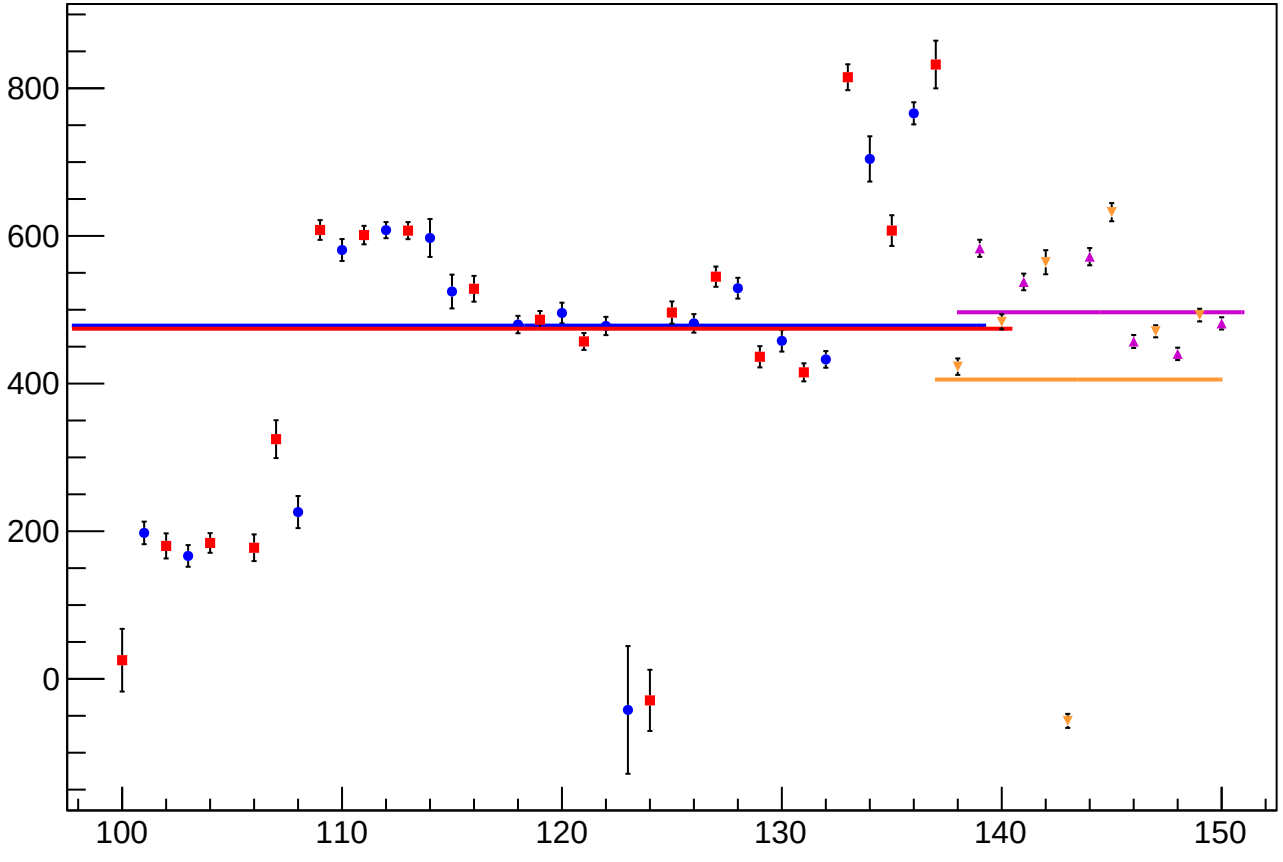
Left In: 22.686+/-2.564 χ^2/NDF:28.2/5

+ sign 3.532+/-1.507 χ^2/NDF: 445.0/23

All: 6.195+/-1.076 χ^2/NDF: 828.0/48

- sign 8.964+/-1.537 χ^2/NDF: 376.7/24

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 405.471+/-3.854 χ^2/NDF:3029.8/6

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

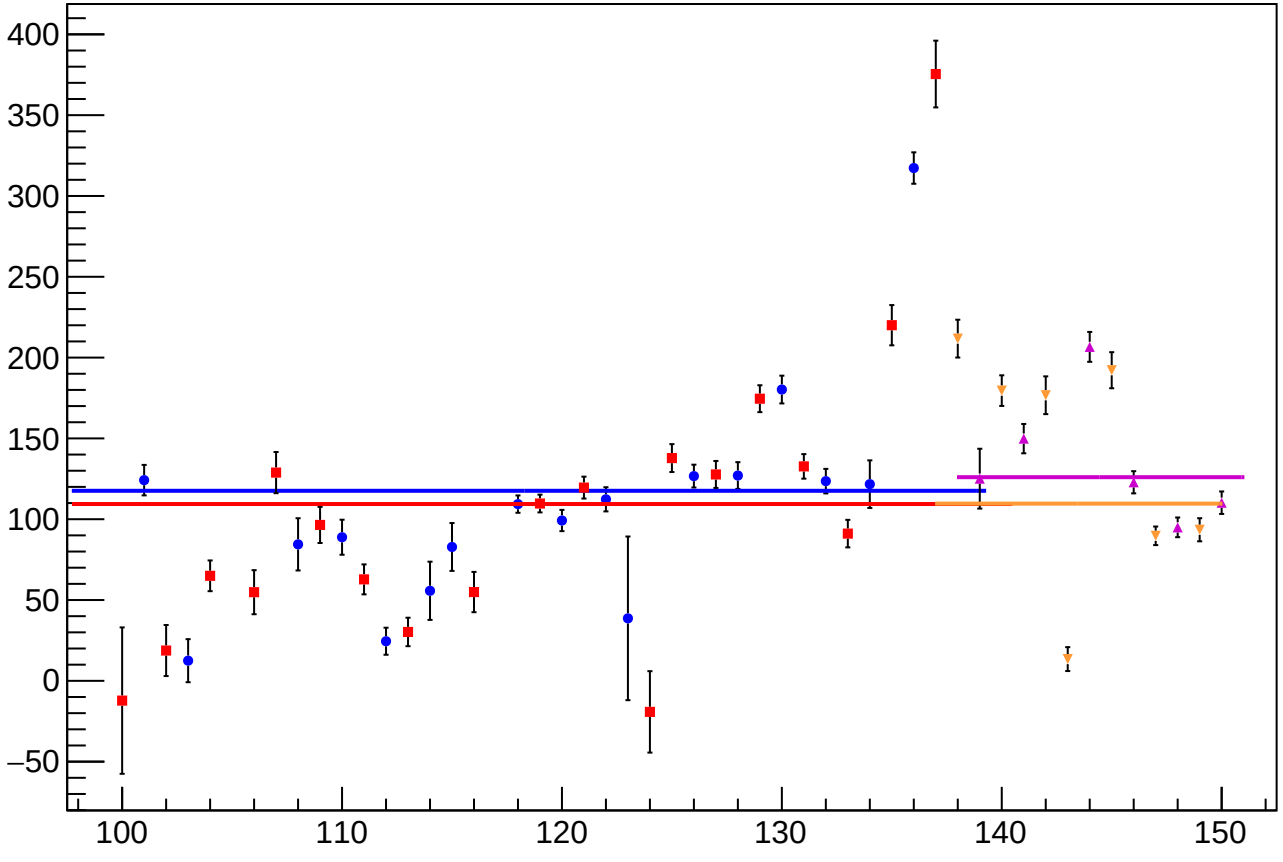
Left In: 496.595+/-3.950 χ^2/NDF:179.0/5

+ sign 444.183+/-2.643 χ^2/NDF: 4849.2/23

All: 464.274+/-1.865 χ^2/NDF: 7448.2/48

- sign 484.224+/-2.633 χ^2/NDF: 2483.8/24

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 109.630+/-3.131 χ^2/NDF:404.5/6

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

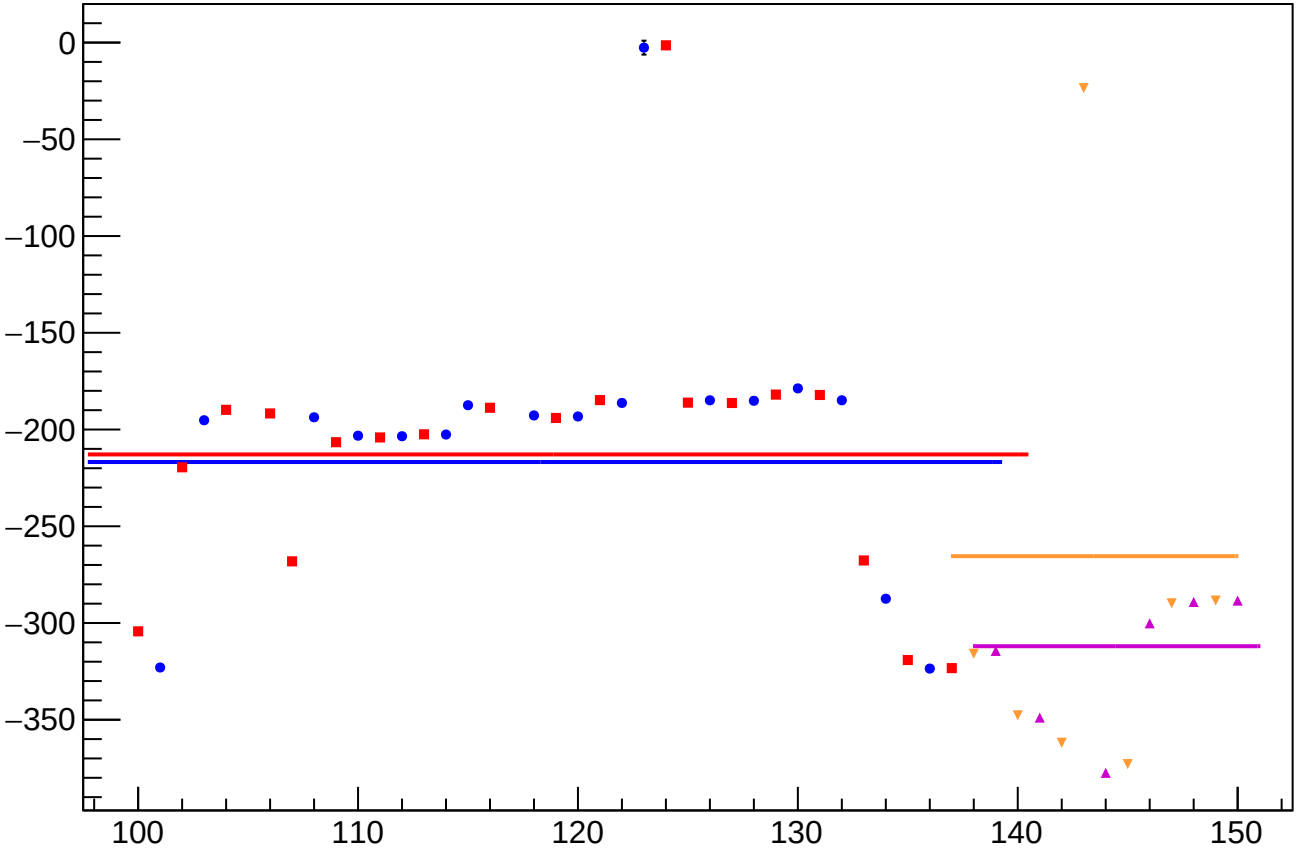
Left In: 126.005+/-3.234 χ^2/NDF:114.2/5

+ sign 114.967+/-1.796 χ^2/NDF: 1115.7/23

All: 114.828+/-1.280 χ^2/NDF: 1819.1/48

- sign 114.684+/-1.825 χ^2/NDF: 703.4/24

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -265.451+/-0.164 χ^2/NDF:530082.0/6

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

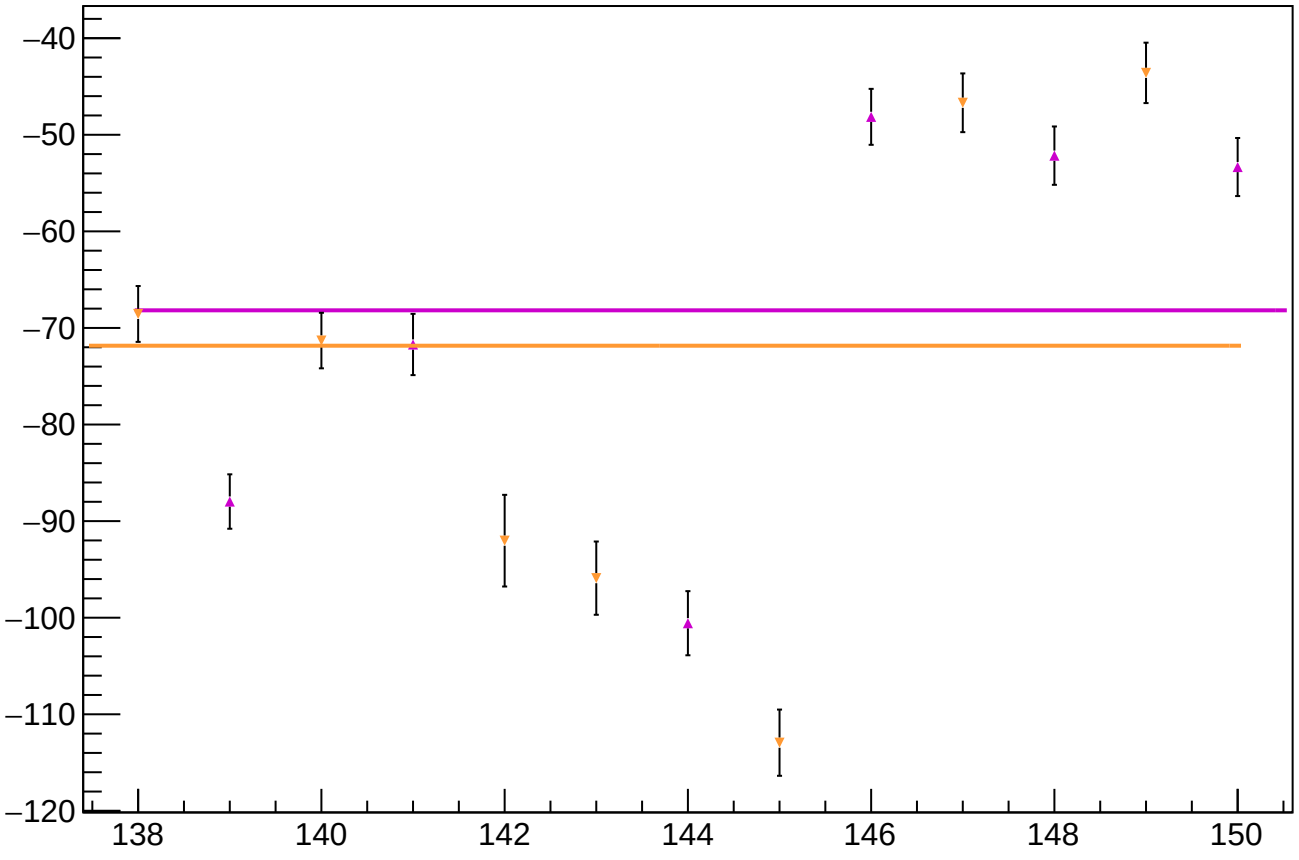
Left In: -311.997+/-0.165 χ^2/NDF:32339.2/5

+ sign -236.621+/-0.104 χ^2/NDF: 729477.3/23

All: -243.863+/-0.073 χ^2/NDF: 1109653.1/48

- sign -250.809+/-0.102 χ^2/NDF: 370752.0/24

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -71.839+/-1.240 χ^2/NDF:353.4/6

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

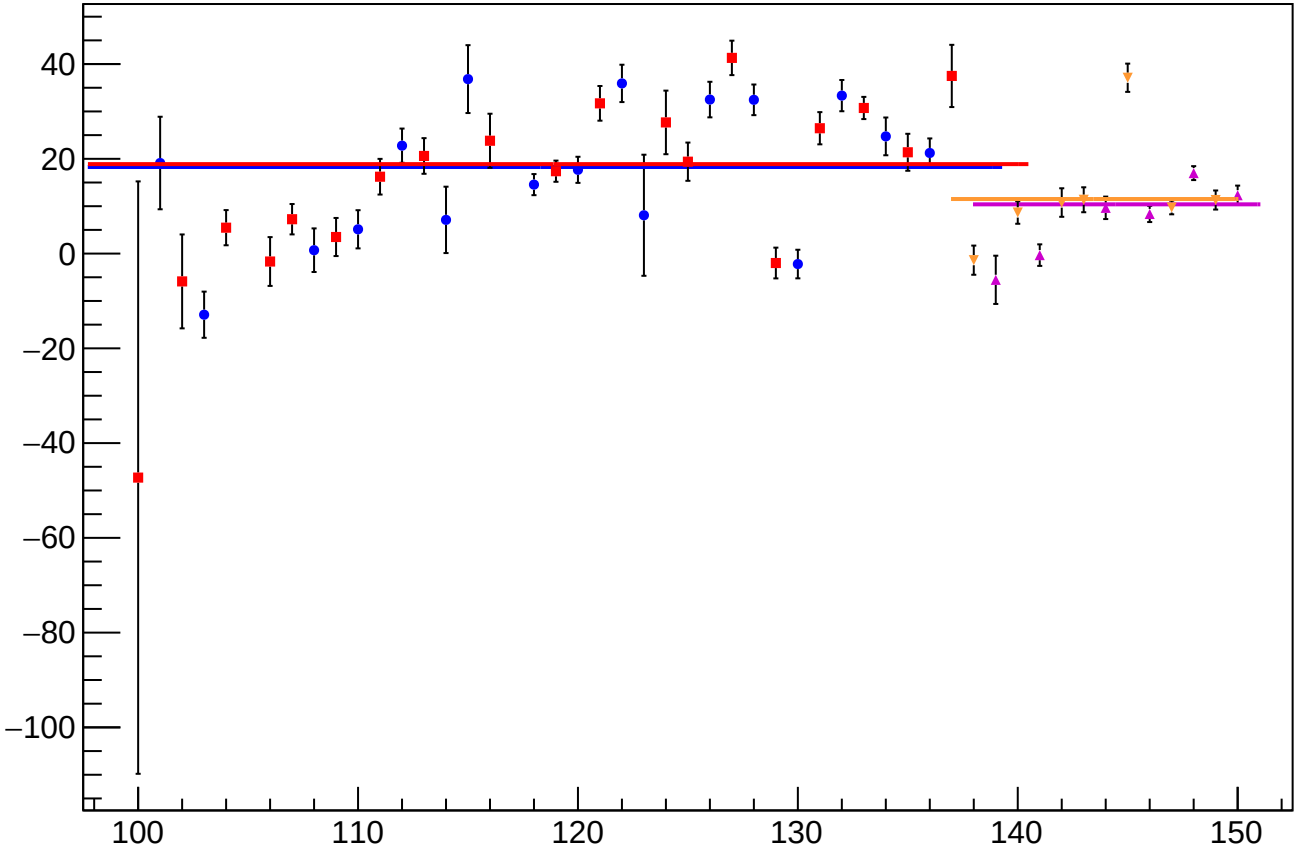
Left In: -68.175+/-1.235 χ^2/NDF:246.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -69.999+/-0.875 χ^2/NDF: 603.9/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 11.516+/-0.852 χ^2/NDF:94.3/6

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

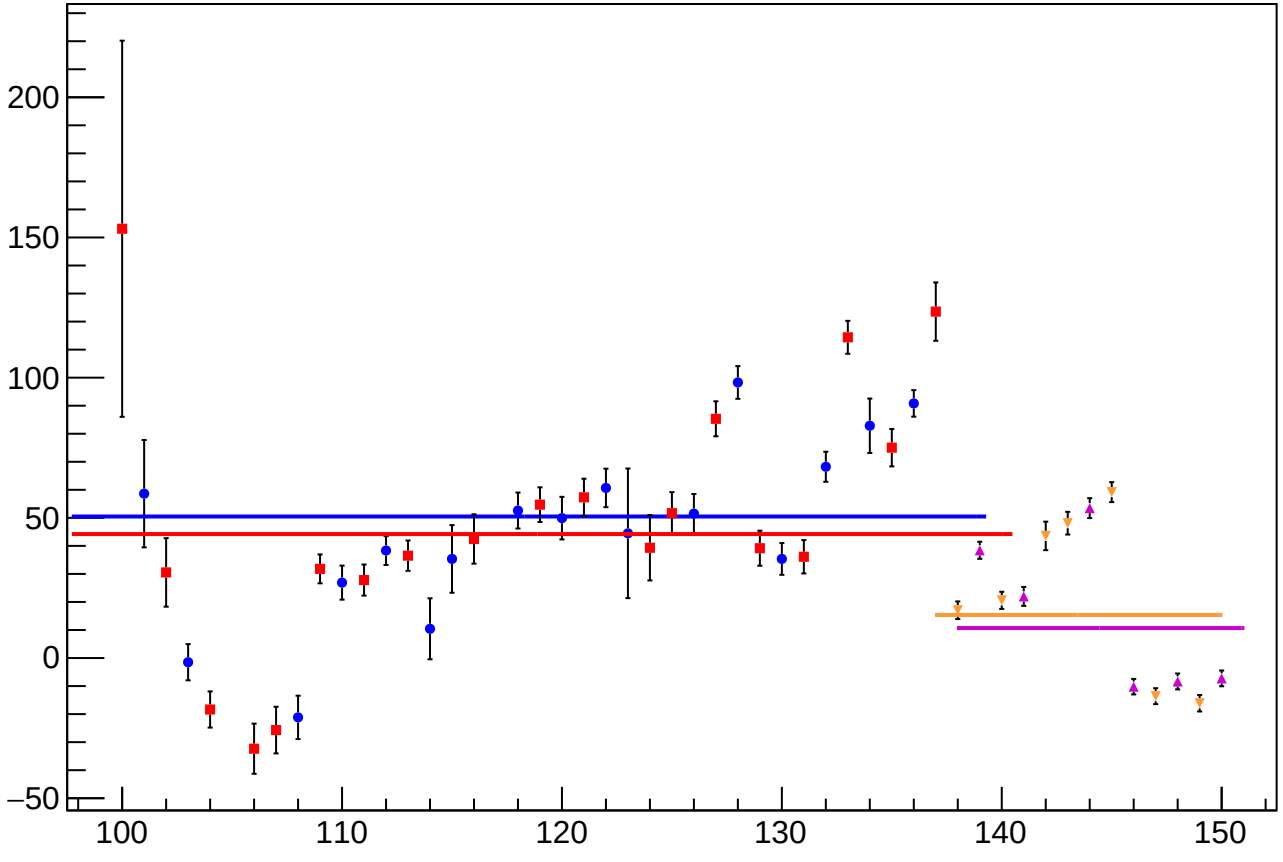
Left In: 10.394+/-0.828 χ^2/NDF:54.5/5

+ sign 14.693+/-0.621 χ^2/NDF: 328.4/23

All: 14.571+/-0.431 χ^2/NDF: 631.7/48

- sign 14.457+/-0.598 χ^2/NDF: 303.2/24

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 15.361+/-1.262 χ^2/NDF:470.8/6

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

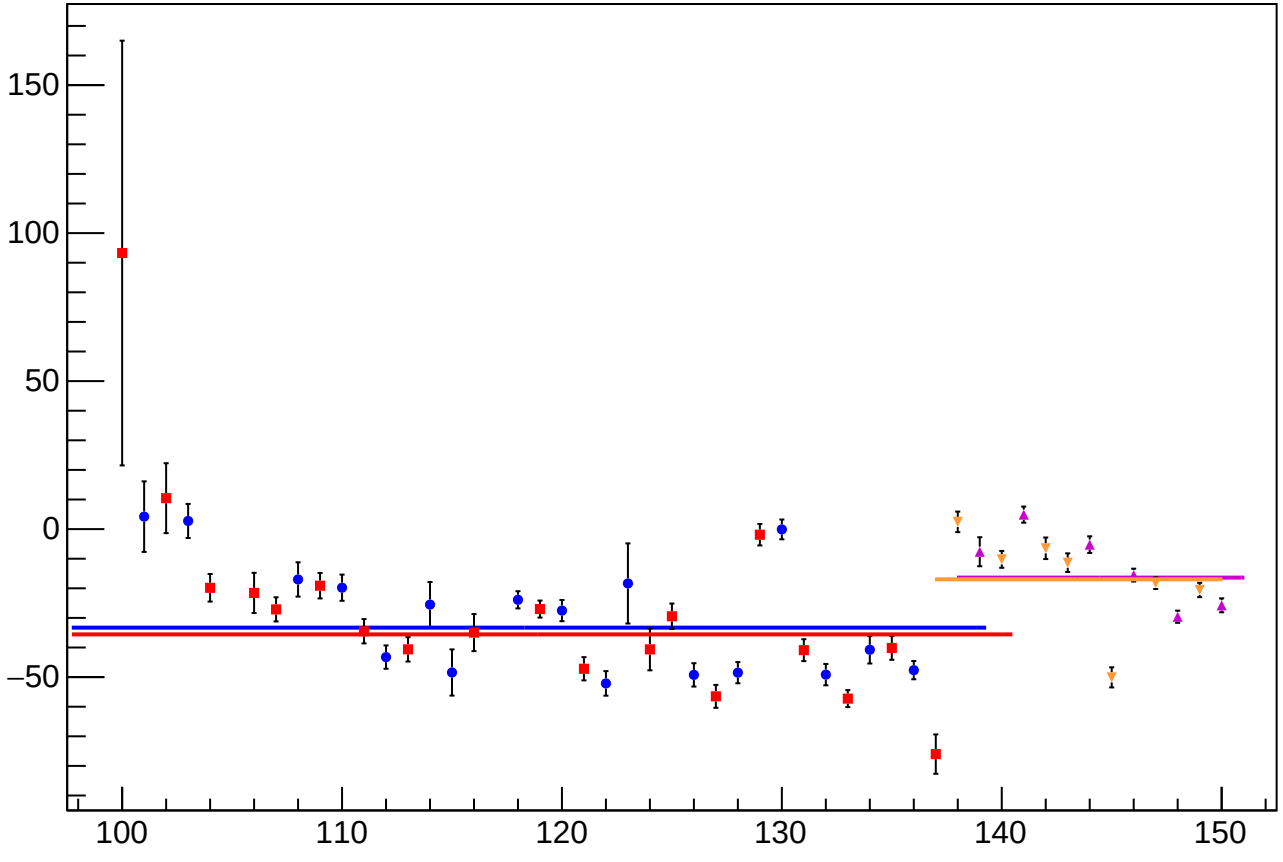
Left In: 10.695+/-1.235 χ^2/NDF:381.9/5

+ sign 28.146+/-1.006 χ^2/NDF: 1110.7/23

All: 25.594+/-0.701 χ^2/NDF: 2314.2/48

- sign 23.183+/-0.978 χ^2/NDF: 1191.0/24

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -16.972+/-1.059 χ^2/NDF:146.1/6

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

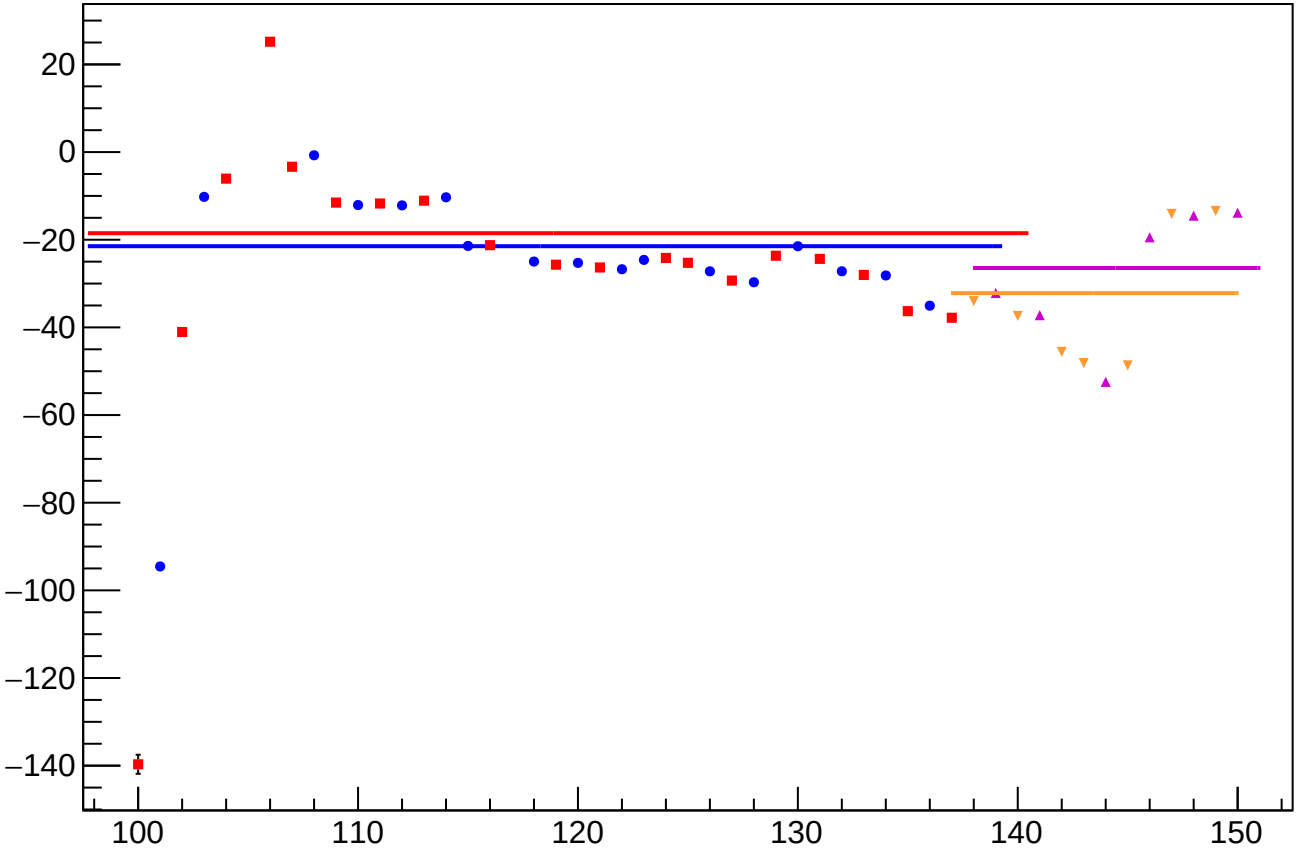
Left In: -16.384+/-1.037 χ^2/NDF:137.1/5

+ sign -25.334+/-0.739 χ^2/NDF: 556.9/23

All: -25.881+/-0.515 χ^2/NDF: 1161.3/48

- sign -26.395+/-0.717 χ^2/NDF: 603.4/24

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -32.178+/-0.053 χ^2/NDF:69768.0/6

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

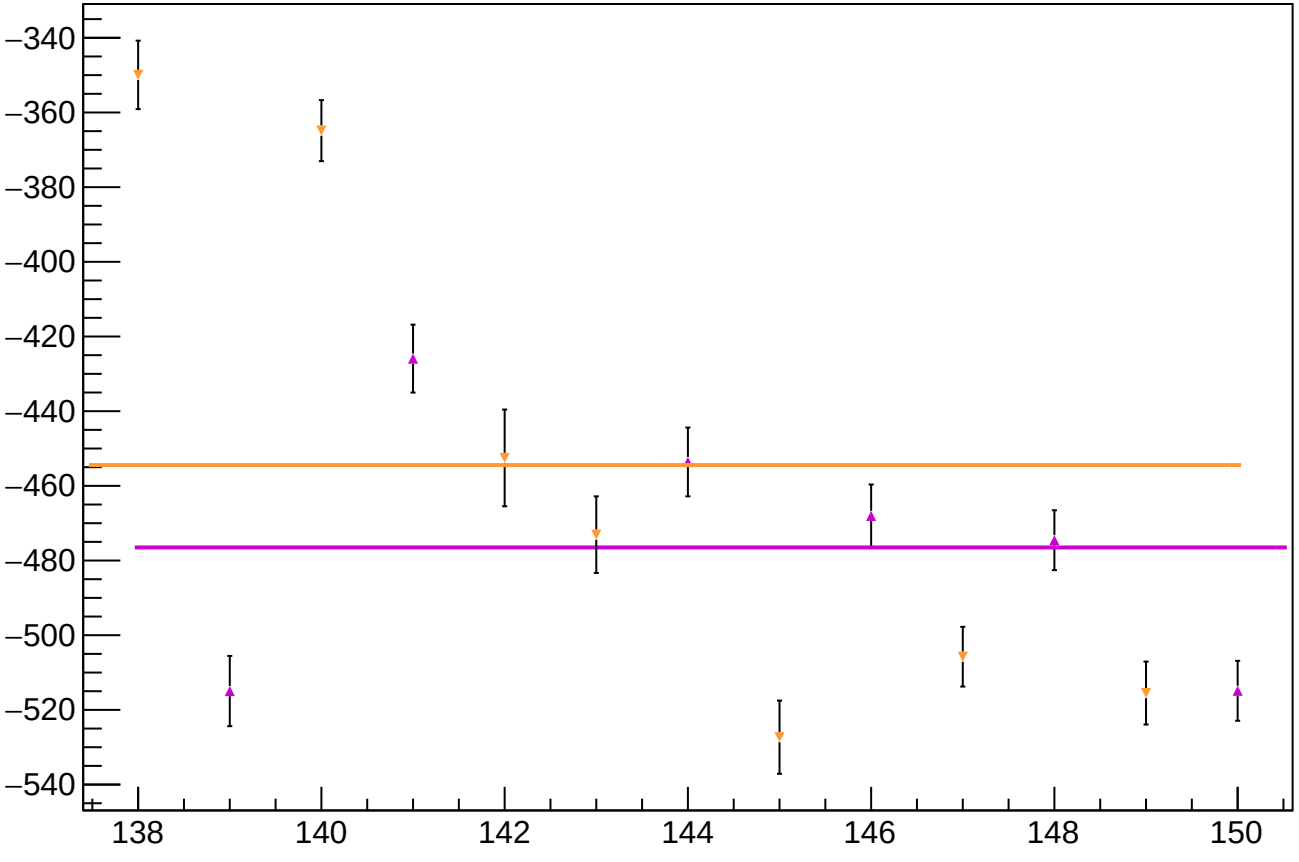
Left In: -26.447+/-0.051 χ^2/NDF:61287.4/5

+ sign -27.358+/-0.039 χ^2/NDF: 137058.6/23

All: -25.075+/-0.027 χ^2/NDF: 296283.1/48

- sign -22.935+/-0.038 χ^2/NDF: 152716.7/24

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -454.437+/-3.483 χ^2/NDF:402.2/6

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

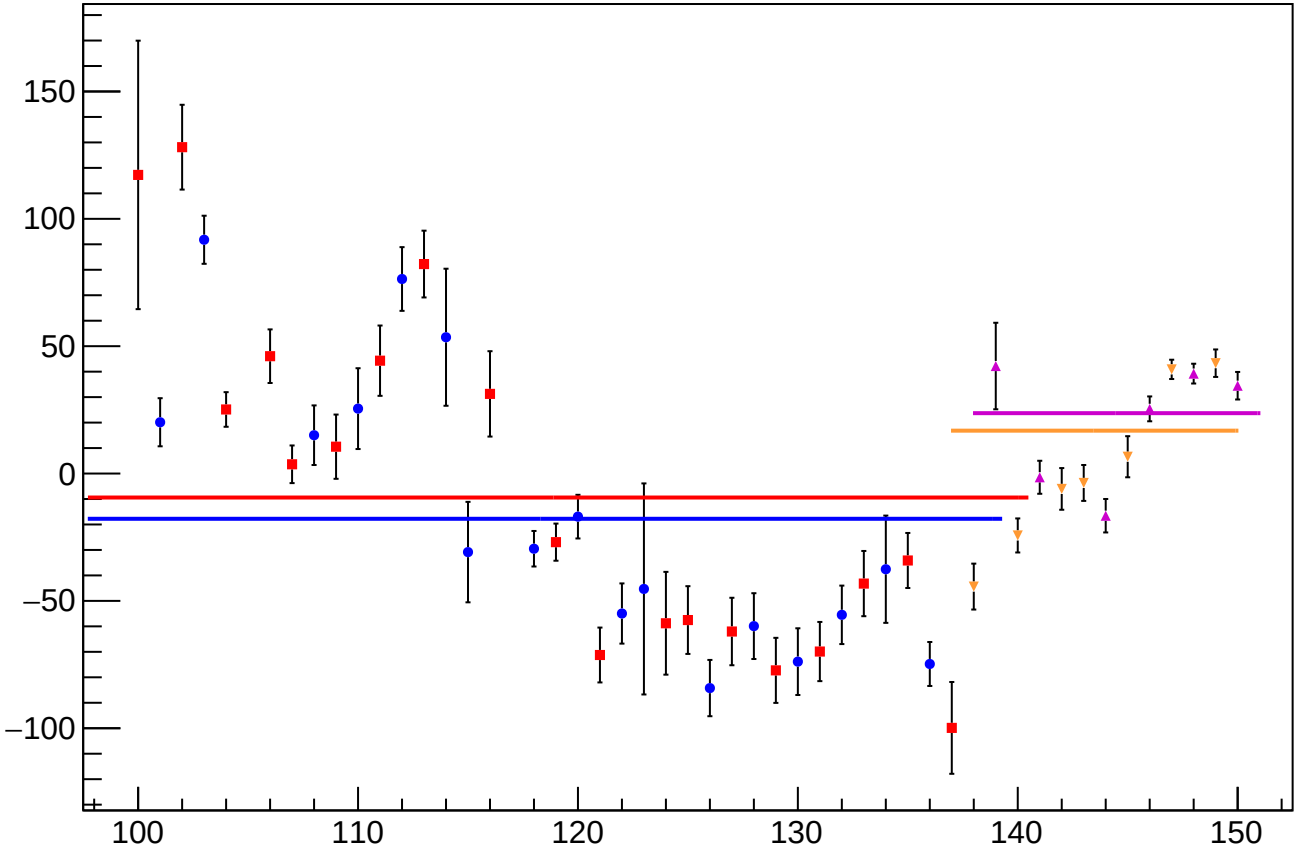
Left In: -476.501+/-3.527 χ^2/NDF:77.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -465.332+/-2.478 χ^2/NDF: 499.8/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 16.835+/-2.299 χ^2/NDF:166.4/6

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

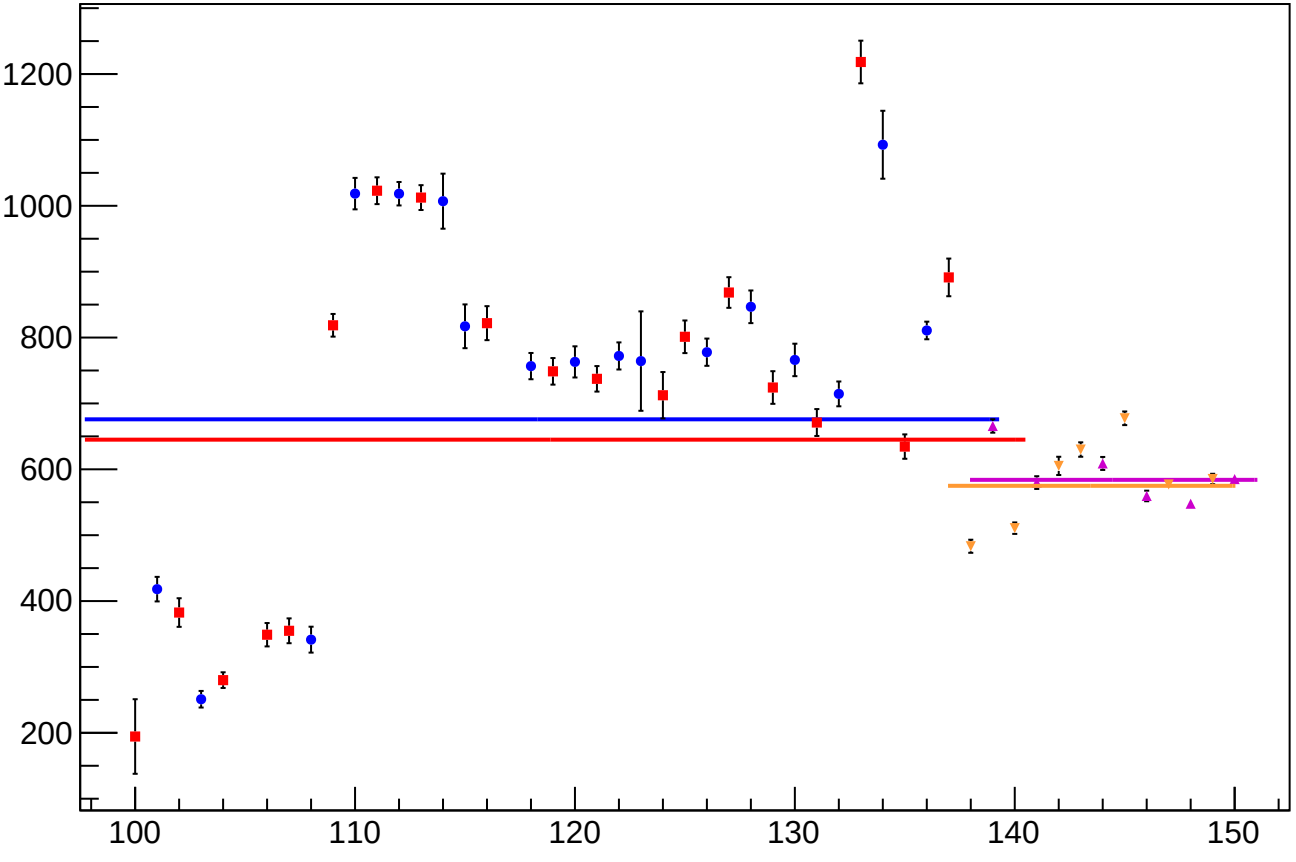
Left In: 23.703+/-2.276 χ^2/NDF:73.9/5

+ sign 2.789+/-1.772 χ^2/NDF: 622.1/23

All: 6.207+/-1.233 χ^2/NDF: 1164.2/48

- sign 9.414+/-1.717 χ^2/NDF: 534.9/24

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 574.953+/-3.530 χ^2/NDF:269.9/6

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

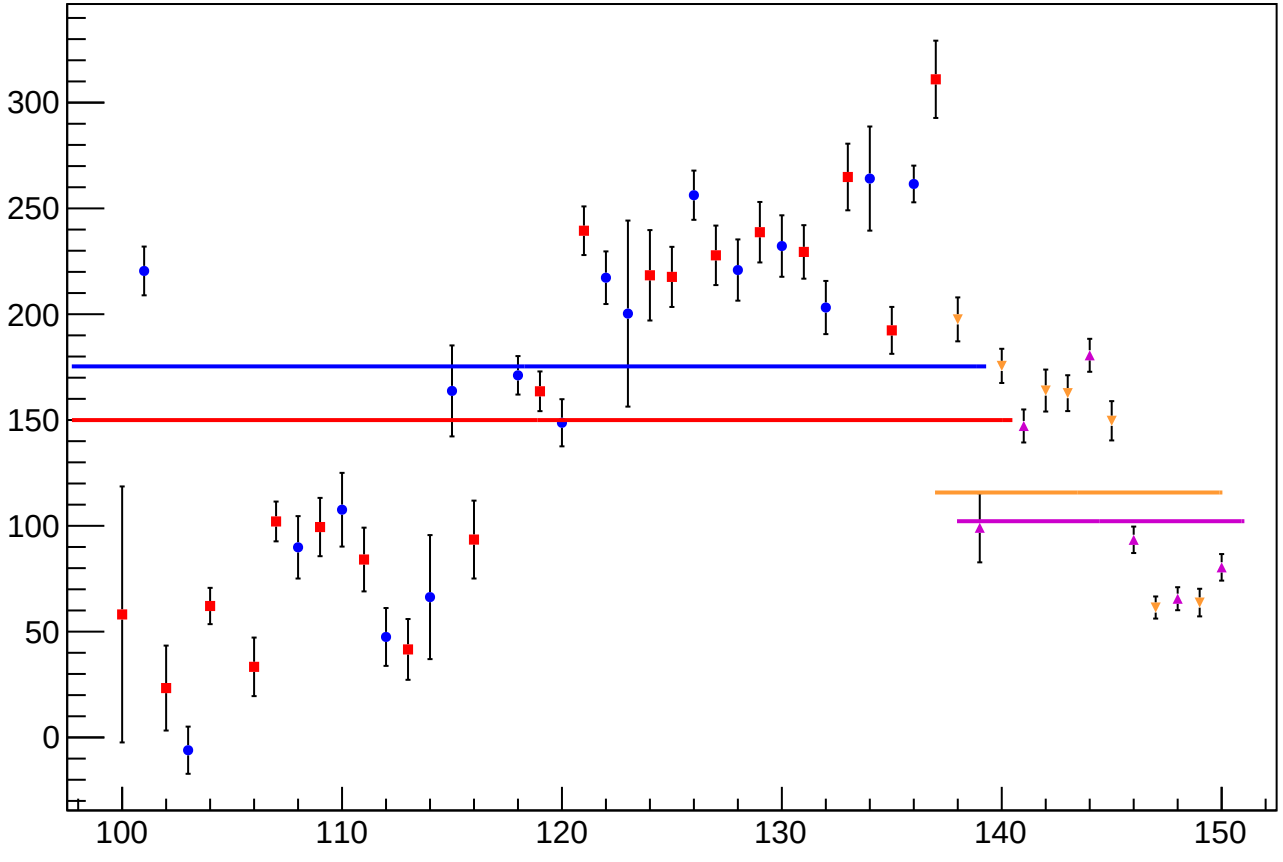
Left In: 584.016+/-3.501 χ^2/NDF:103.7/5

+ sign 608.197+/-2.891 χ^2/NDF: 3125.4/23

All: 606.776+/-2.019 χ^2/NDF: 6459.4/48

- sign 605.423+/-2.820 χ^2/NDF: 3333.5/24

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 115.750+/-2.882 χ^2/NDF:356.3/6

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

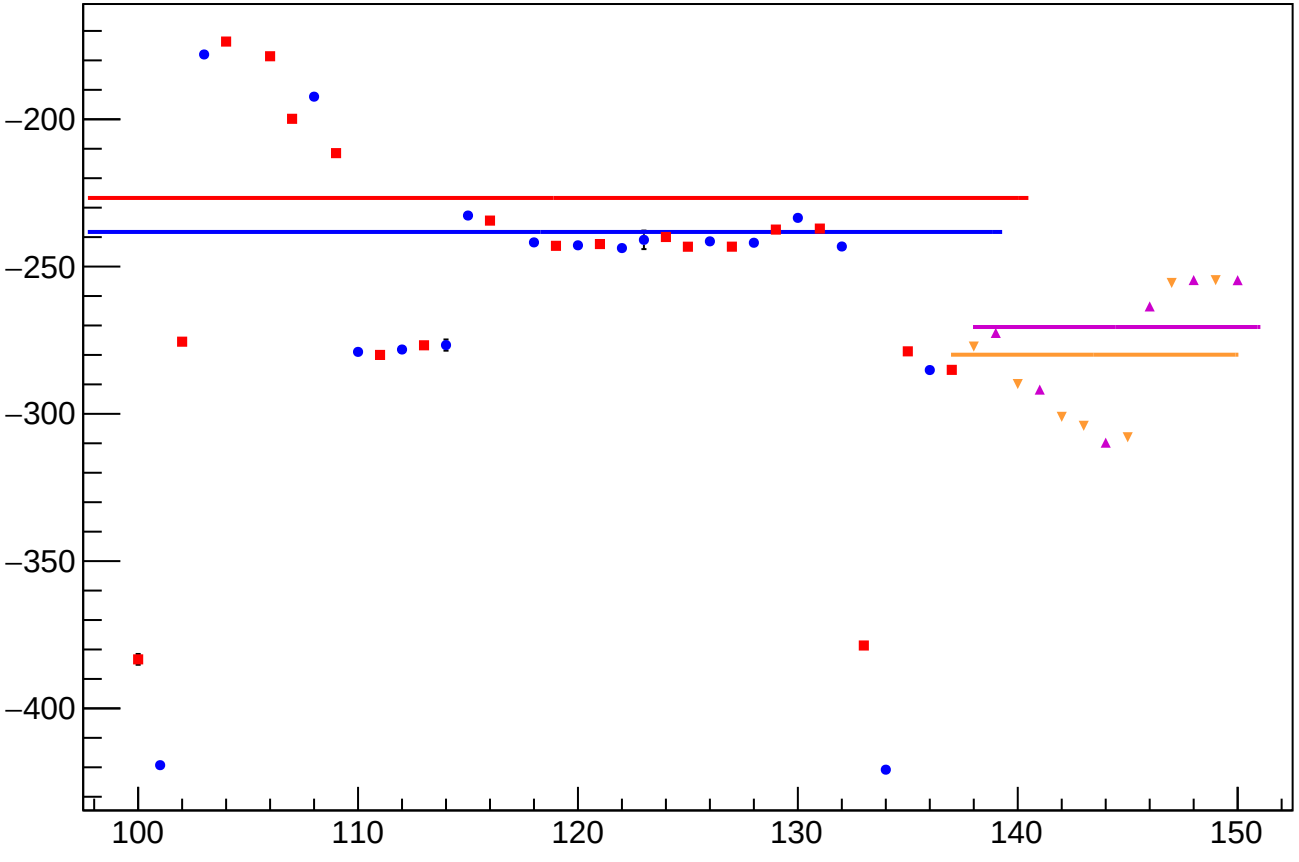
Left In: 102.184+/-2.869 χ^2/NDF:194.1/5

+ sign 142.411+/-2.142 χ^2/NDF: 1186.1/23

All: 133.303+/-1.495 χ^2/NDF: 2239.0/48

- sign 124.651+/-2.088 χ^2/NDF: 1017.7/24

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -279.921+/-0.150 χ^2/NDF:20130.5/6

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

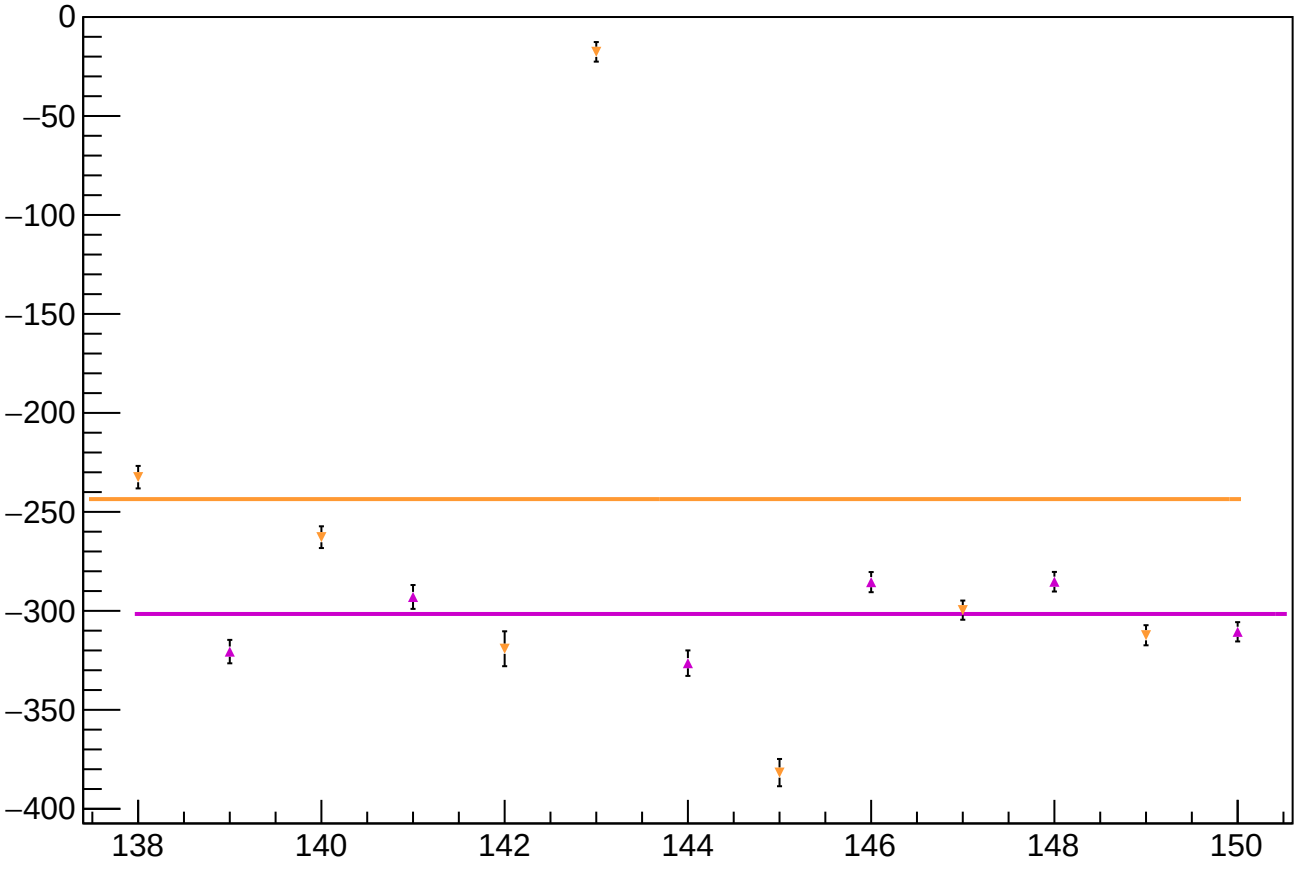
Left In: -270.518+/-0.146 χ^2/NDF:16647.5/5

+ sign -260.375+/-0.110 χ^2/NDF: 223310.8/23

All: -254.616+/-0.076 χ^2/NDF: 391477.5/48

- sign -249.310+/-0.105 χ^2/NDF: 162854.6/24

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -243.539+/-2.131 χ^2/NDF:2895.7/6

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

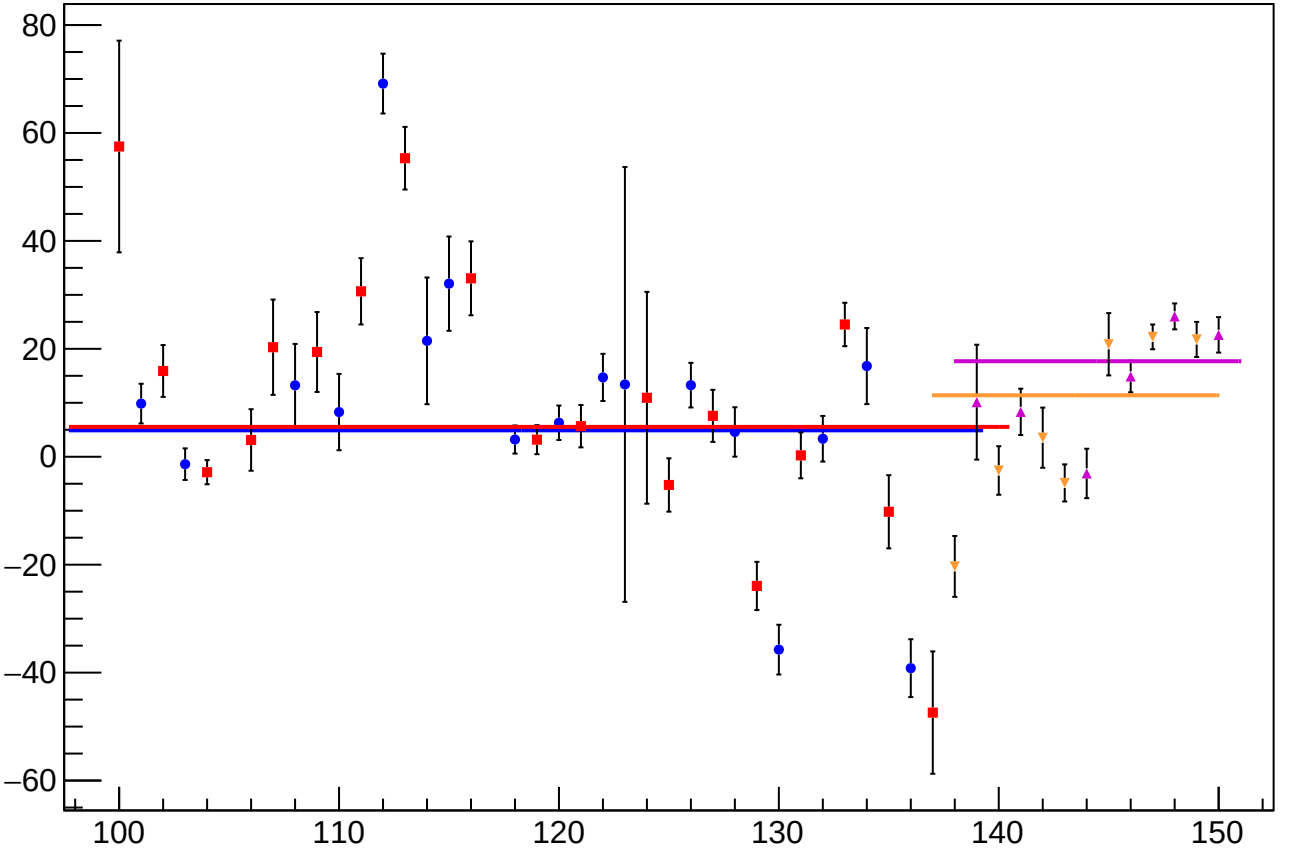
Left In: -301.567+/-2.227 χ^2/NDF:51.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -271.274+/-1.539 χ^2/NDF: 3301.8/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896+/-1.089 χ^2/NDF: 312.0/16

Left Out: 11.394+/-1.398 χ^2/NDF:100.5/6

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

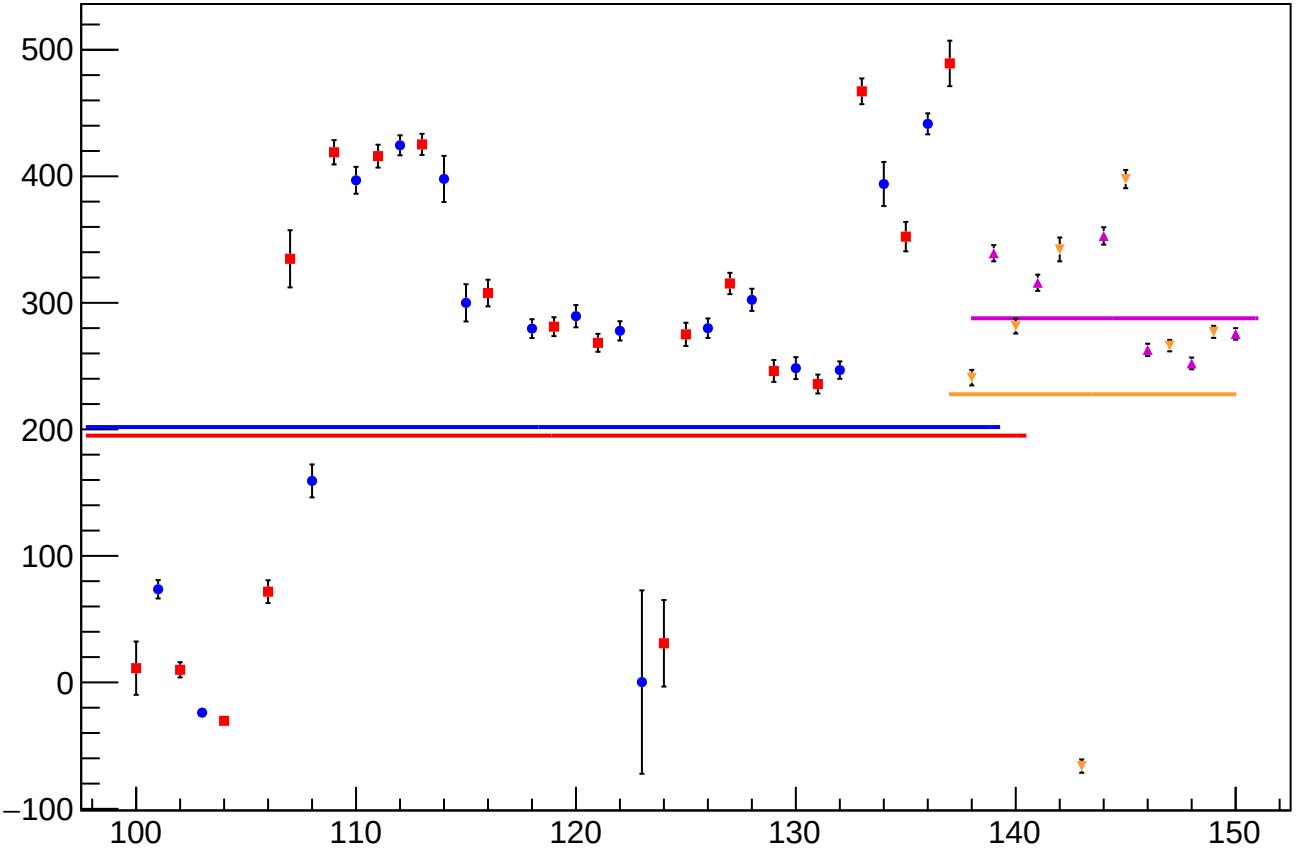
Left In: 17.704+/-1.424 χ^2/NDF:41.0/5

+ sign 7.351+/-0.859 χ^2/NDF: 425.9/23

All: 8.645+/-0.606 χ^2/NDF: 757.2/48

- sign 9.931+/-0.856 χ^2/NDF: 326.7/24

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 227.720+/-2.156 χ^2/NDF:4069.3/6

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

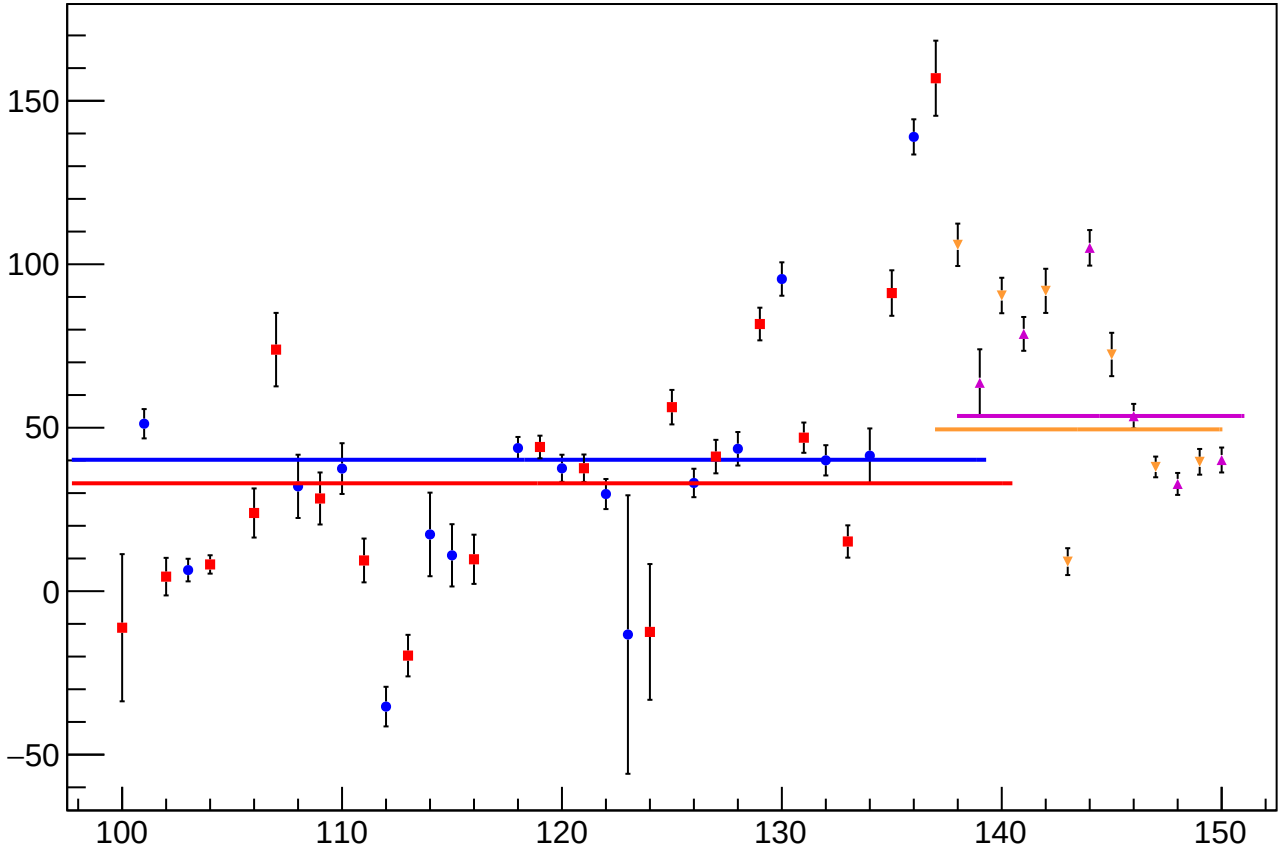
Left In: 287.790+/-2.200 χ^2/NDF:265.5/5

+ sign 213.599+/-1.455 χ^2/NDF: 10902.2/23

All: 224.476+/-1.026 χ^2/NDF: 20543.0/48

- sign 235.260+/-1.448 χ^2/NDF: 9529.4/24

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 49.495+/-1.751 χ^2/NDF:300.6/6

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

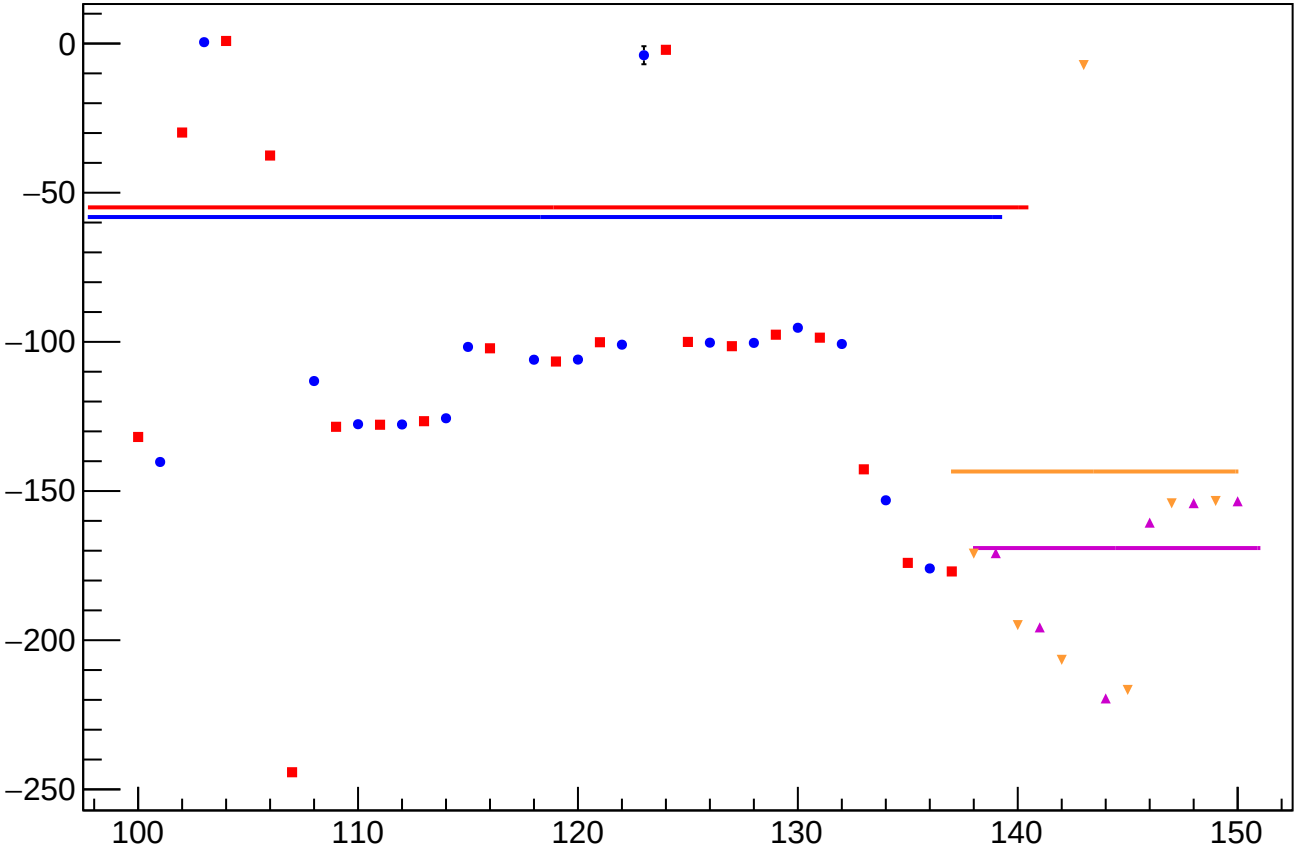
Left In: 53.595+/-1.800 χ^2/NDF:164.7/5

+ sign 43.393+/-1.027 χ^2/NDF: 1054.1/23

All: 41.558+/-0.726 χ^2/NDF: 1867.5/48

- sign 39.718+/-1.028 χ^2/NDF: 807.0/24

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -143.449+/-0.092 χ^2/NDF:567812.5/6

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

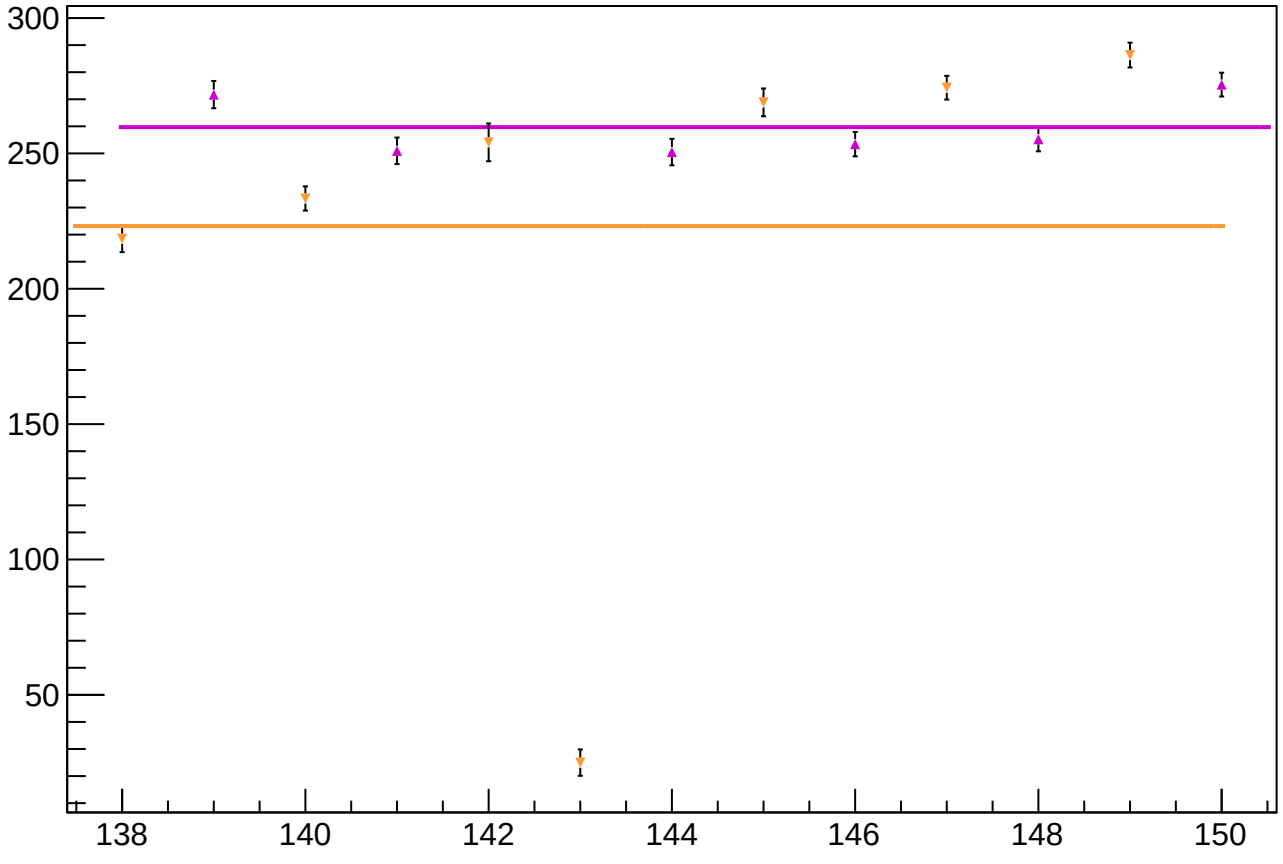
Left In: -169.113+/-0.092 χ^2/NDF:52340.9/5

+ sign -84.706+/-0.051 χ^2/NDF: 2270631.1/23

All: -86.967+/-0.036 χ^2/NDF: 4409312.0/48

- sign -89.166+/-0.050 χ^2/NDF: 2134817.4/24

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 223.169+/-1.853 χ^2/NDF:2087.0/6

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

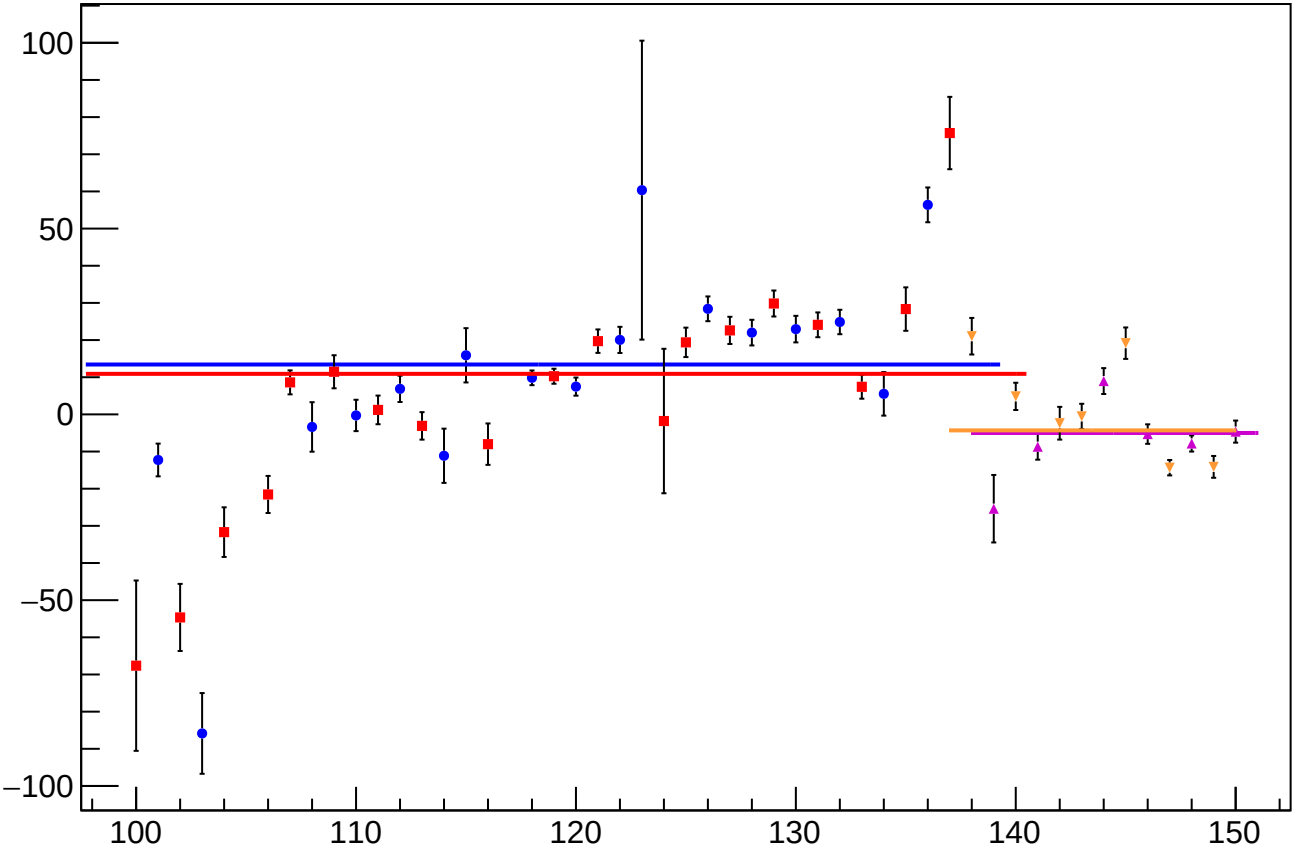
Left In: 259.706+/-1.910 χ^2/NDF:28.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 240.885+/-1.330 χ^2/NDF: 2303.7/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2/NDF: 295.2/16

Left Out: -4.307+/-1.233 χ^2/NDF:99.5/6

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

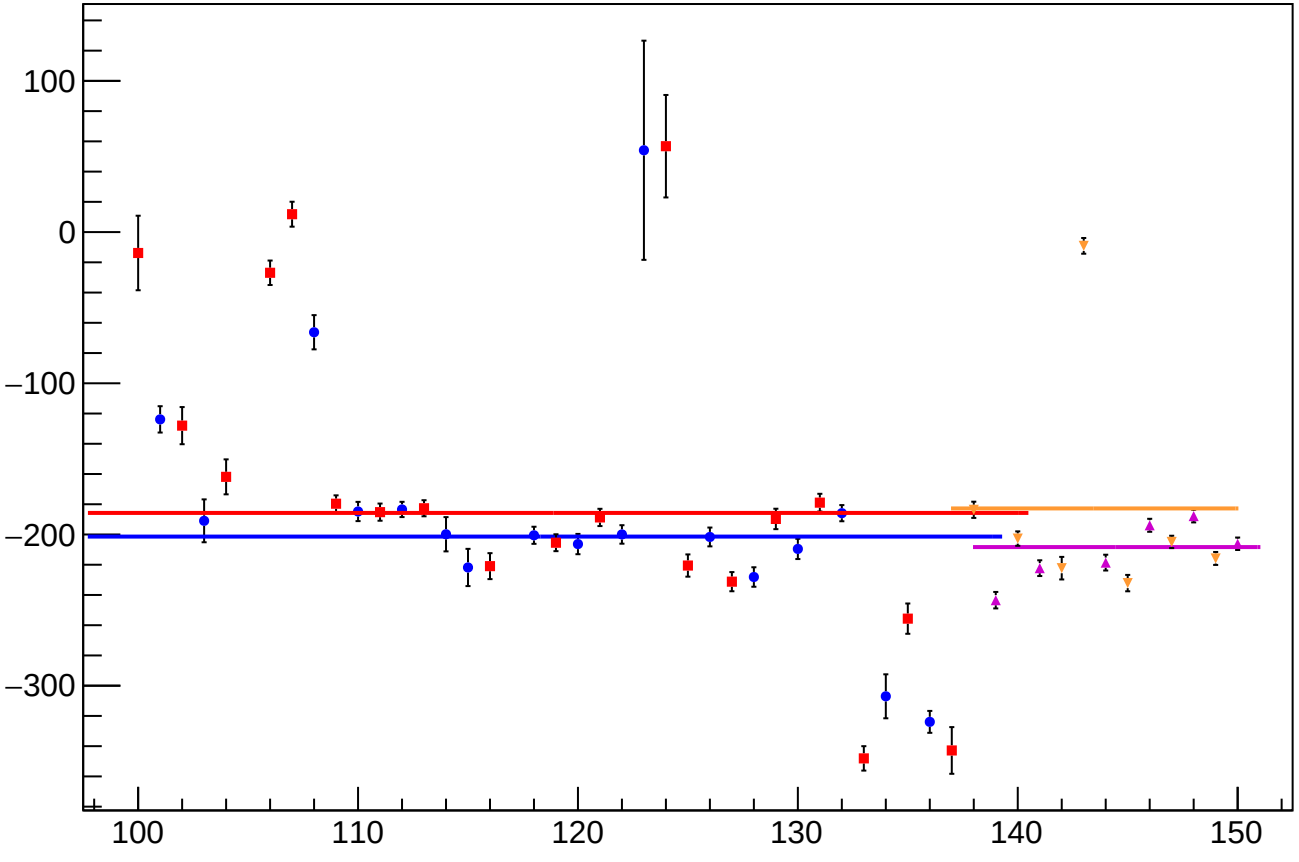
Left In: -5.002+/-1.243 χ^2/NDF:24.0/5

+ sign 7.084+/-0.737 χ^2/NDF: 527.6/23

All: 6.195+/-0.521 χ^2/NDF: 963.3/48

- sign 5.306+/-0.737 χ^2/NDF: 432.8/24

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -182.768+/-1.883 χ^2/NDF:1333.1/6

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

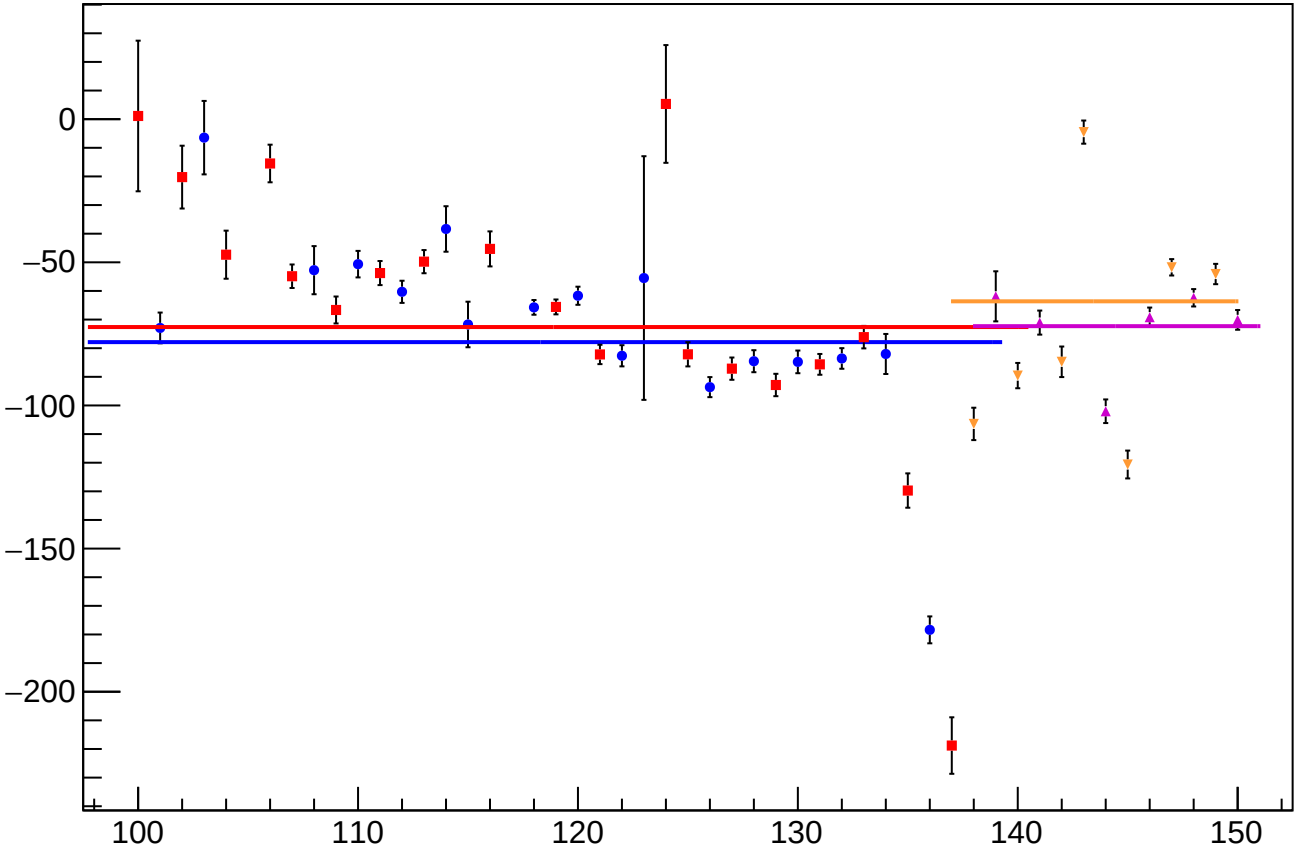
Left In: -208.323+/-1.899 χ^2/NDF:88.0/5

+ sign -192.602+/-1.293 χ^2/NDF: 2008.2/23

All: -194.226+/-0.905 χ^2/NDF: 3927.1/48

- sign -195.784+/-1.267 χ^2/NDF: 1915.8/24

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -63.626+/-1.539 χ^2/NDF:482.8/6

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

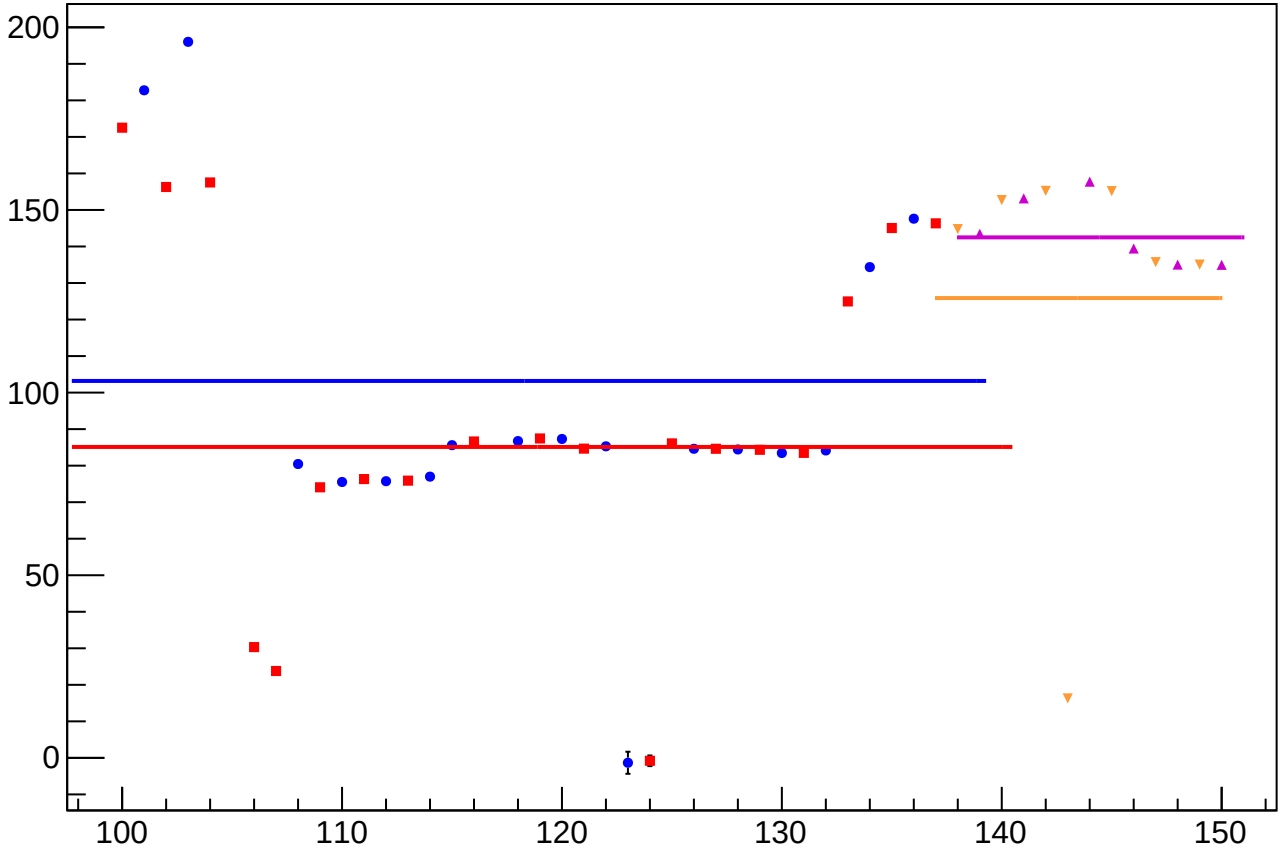
Left In: -72.302+/-1.562 χ^2/NDF:65.3/5

+ sign -73.257+/-0.876 χ^2/NDF: 1199.0/23

All: -72.885+/-0.619 χ^2/NDF: 1871.5/48

- sign -72.515+/-0.874 χ^2/NDF: 672.2/24

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 125.882+/-0.080 χ^2/NDF:335767.7/6

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

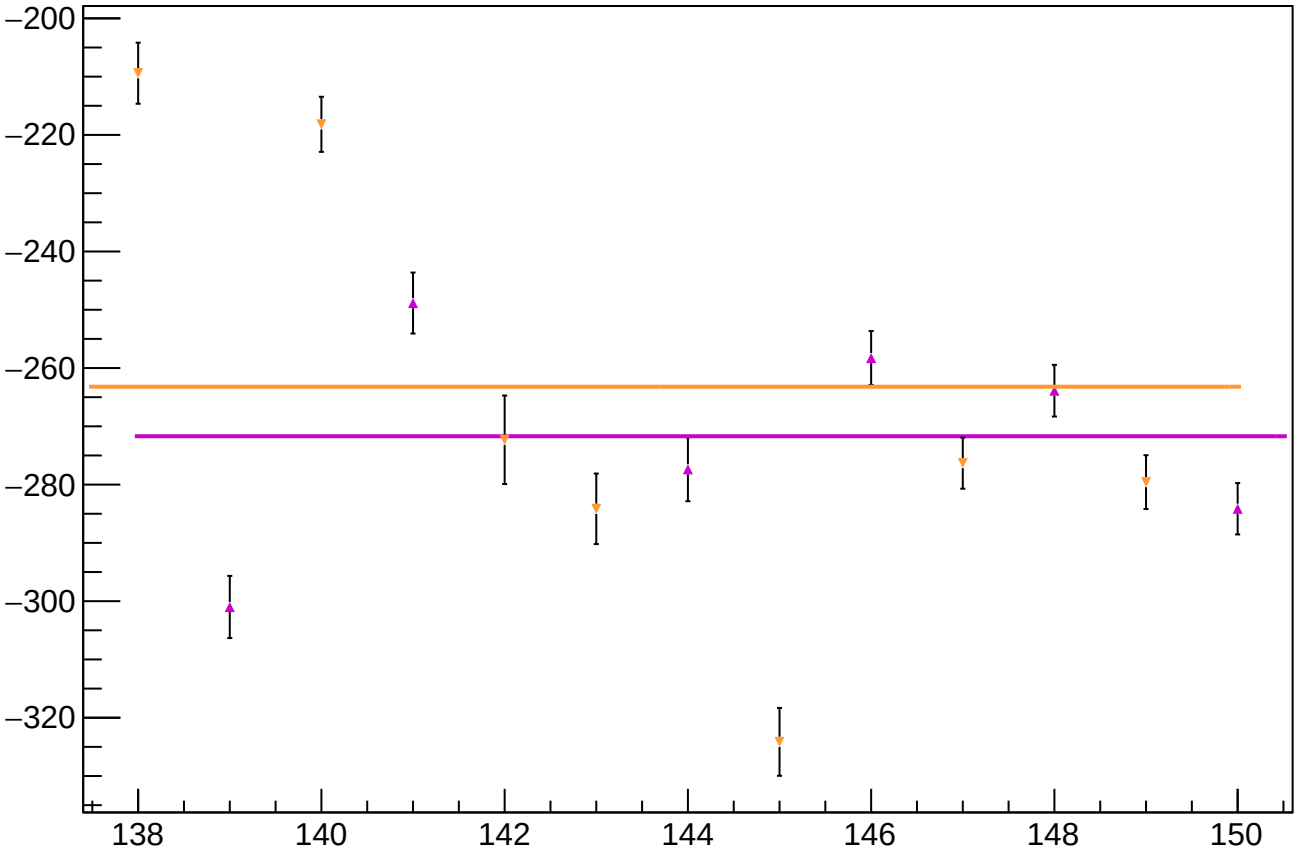
Left In: 142.493+/-0.079 χ^2/NDF:10906.2/5

+ sign 113.117+/-0.053 χ^2/NDF: 654905.8/23

All: 110.196+/-0.036 χ^2/NDF: 1412751.2/48

- sign 107.604+/-0.050 χ^2/NDF: 752057.1/24

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -263.200+/-1.984 χ^2/NDF:340.6/6

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

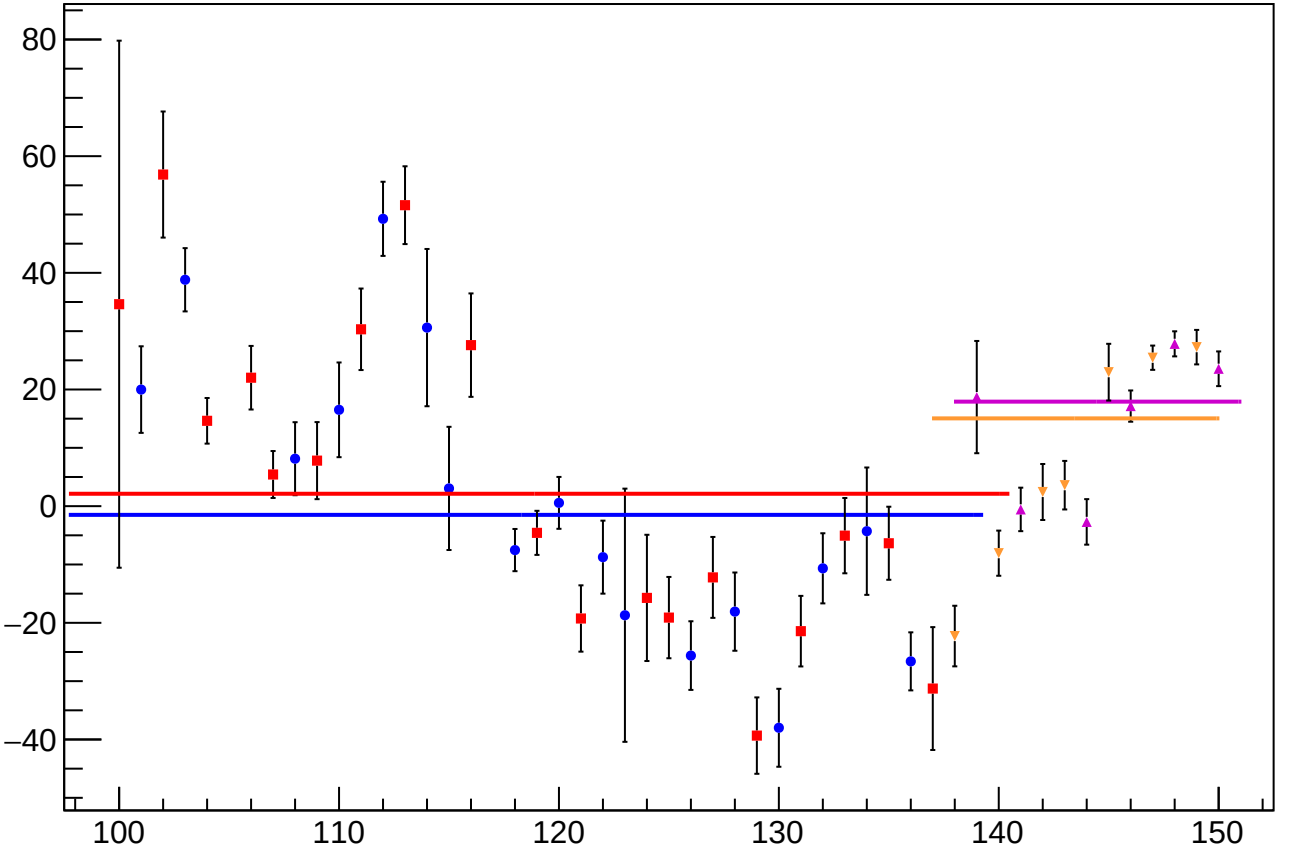
Left In: -271.701+/-1.984 χ^2/NDF:69.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -267.450+/-1.403 χ^2/NDF: 419.6/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.492+/-1.513 χ^2/NDF: 226.1/16

Left Out: 15.048+/-1.299 χ^2/NDF:146.4/6

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

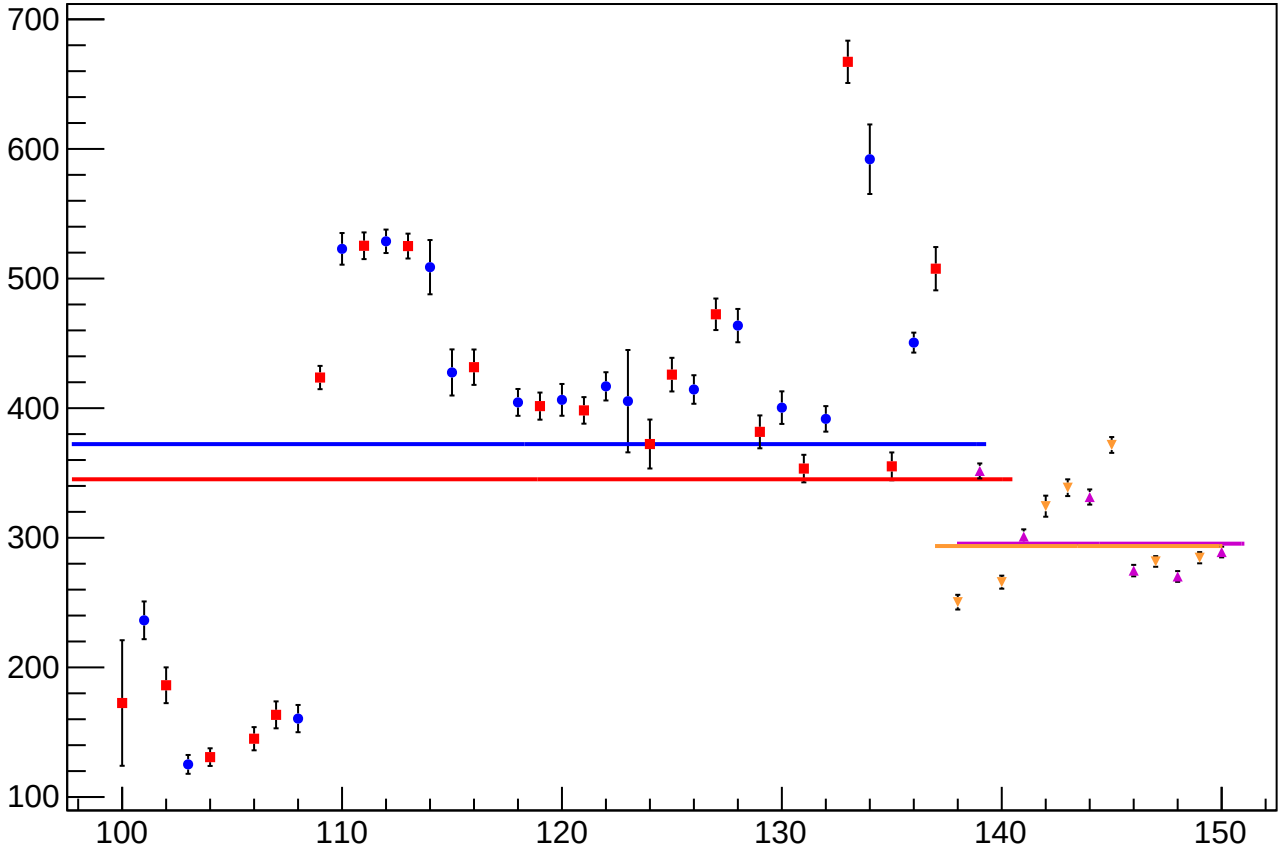
Left In: 17.918+/-1.273 χ^2/NDF:77.4/5

+ sign 8.030+/-0.986 χ^2/NDF: 441.3/23

All: 9.469+/-0.681 χ^2/NDF: 824.9/48

- sign 10.785+/-0.942 χ^2/NDF: 379.6/24

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 293.632+/-2.002 χ^2/NDF:327.4/6

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

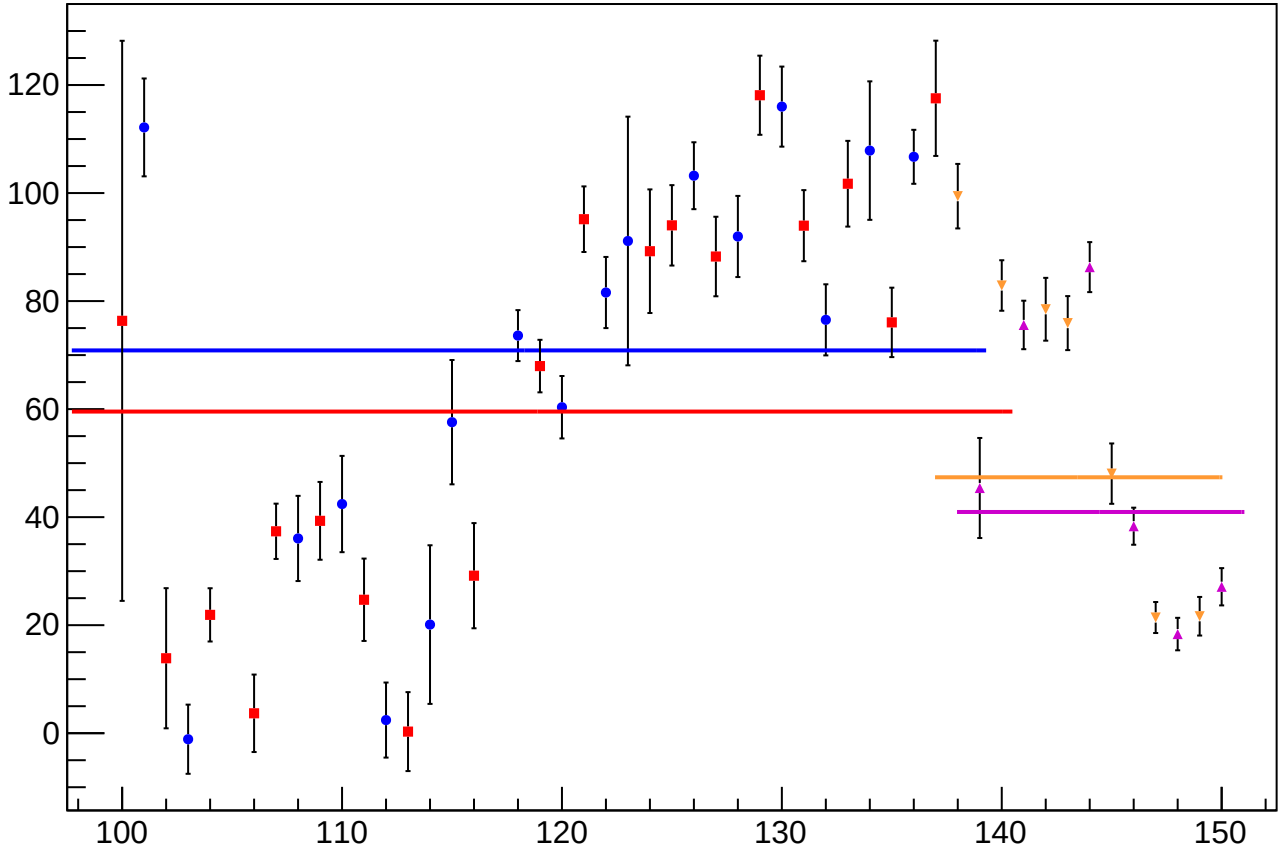
Left In: 295.461+/-1.964 χ^2/NDF:194.8/5

+ sign 320.747+/-1.620 χ^2/NDF: 3292.5/23

All: 317.161+/-1.123 χ^2/NDF: 7150.0/48

- sign 313.843+/-1.559 χ^2/NDF: 3848.1/24

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 47.380+/-1.633 χ^2/NDF:328.5/6

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

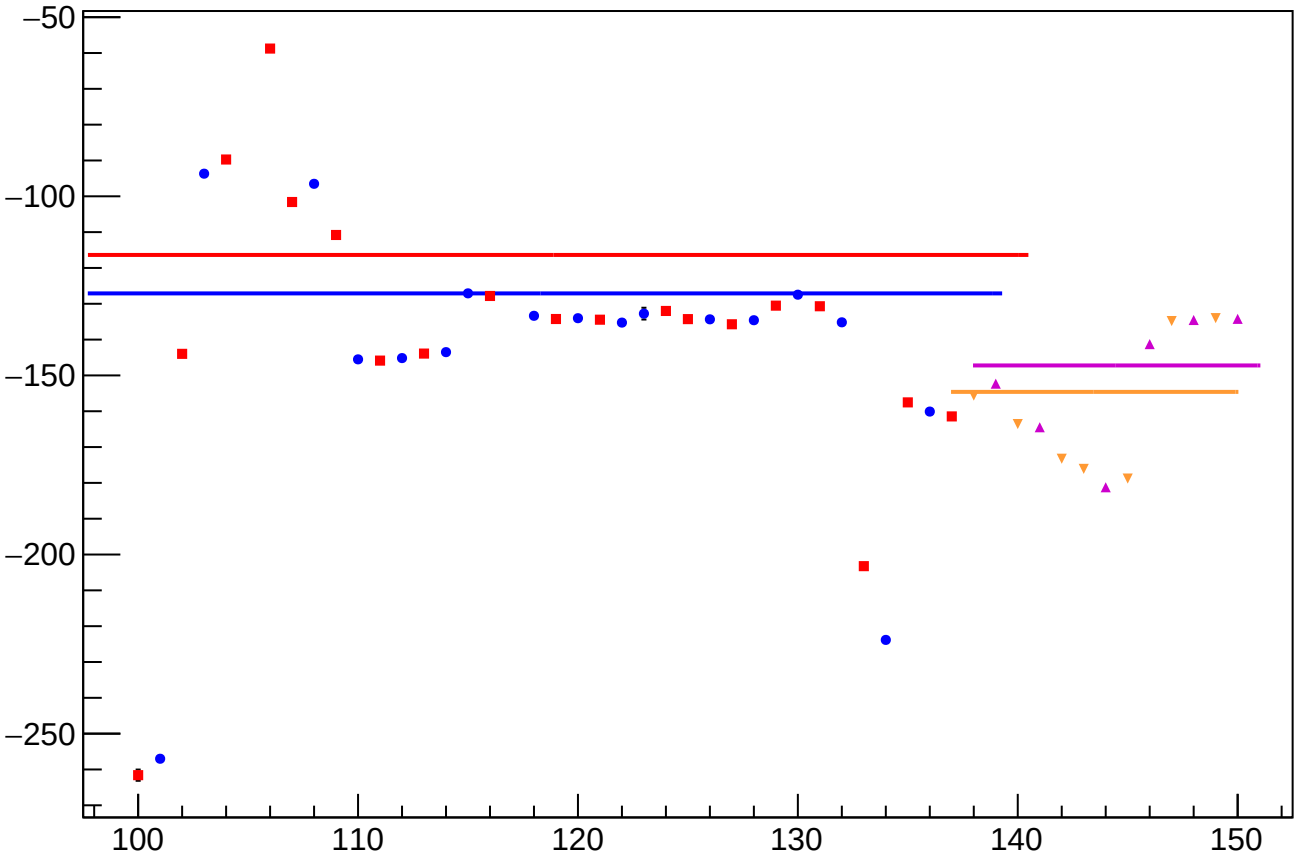
Left In: 40.955+/-1.607 χ^2/NDF:228.8/5

+ sign 58.358+/-1.192 χ^2/NDF: 852.2/23

All: 54.065+/-0.826 χ^2/NDF: 1662.7/48

- sign 50.098+/-1.145 χ^2/NDF: 785.6/24

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -154.595+/-0.085 χ^2/NDF:44371.5/6

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

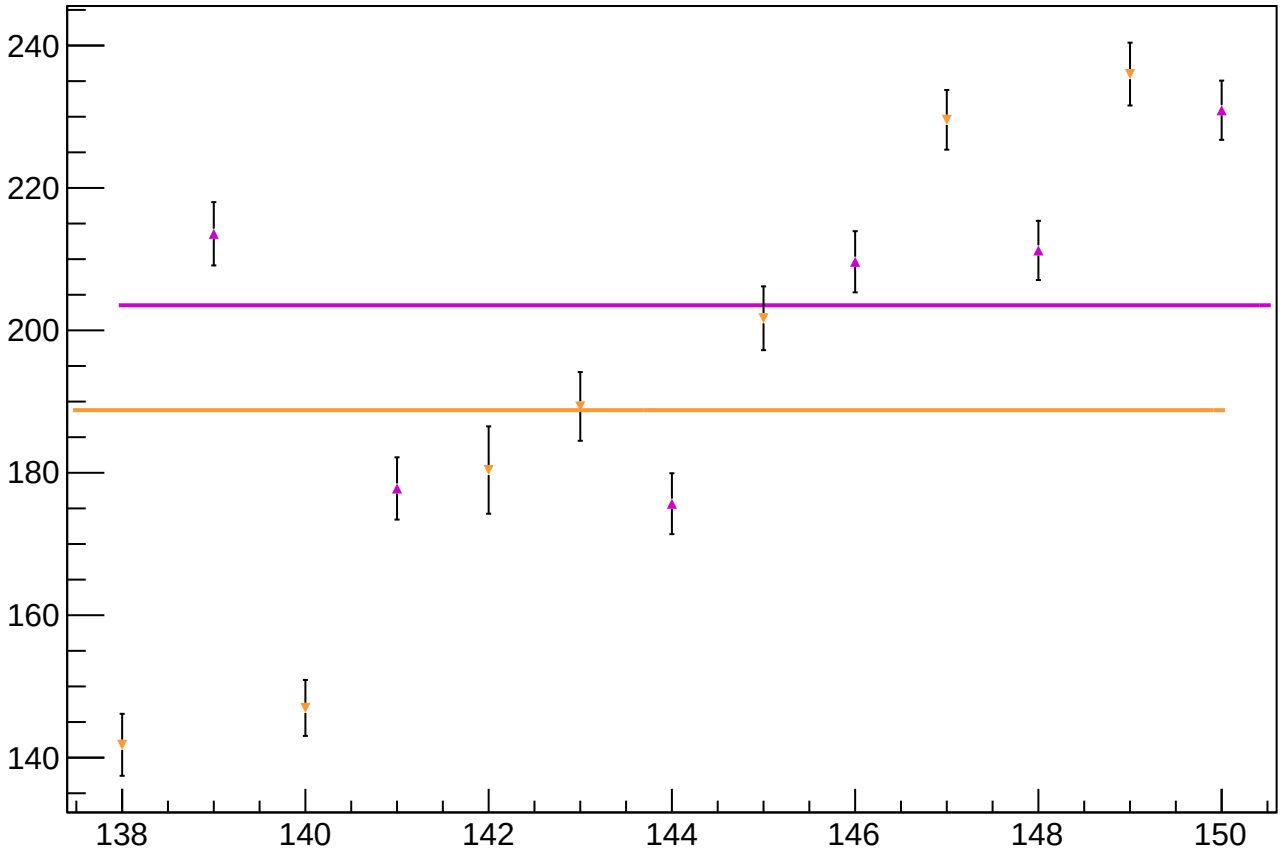
Left In: -147.217+/-0.082 χ^2/NDF:35678.9/5

+ sign -141.471+/-0.062 χ^2/NDF: 260814.7/23

All: -136.432+/-0.042 χ^2/NDF: 546510.4/48

- sign -131.937+/-0.058 χ^2/NDF: 273112.5/24

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 188.801+/-1.702 χ^2/NDF:449.1/6

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

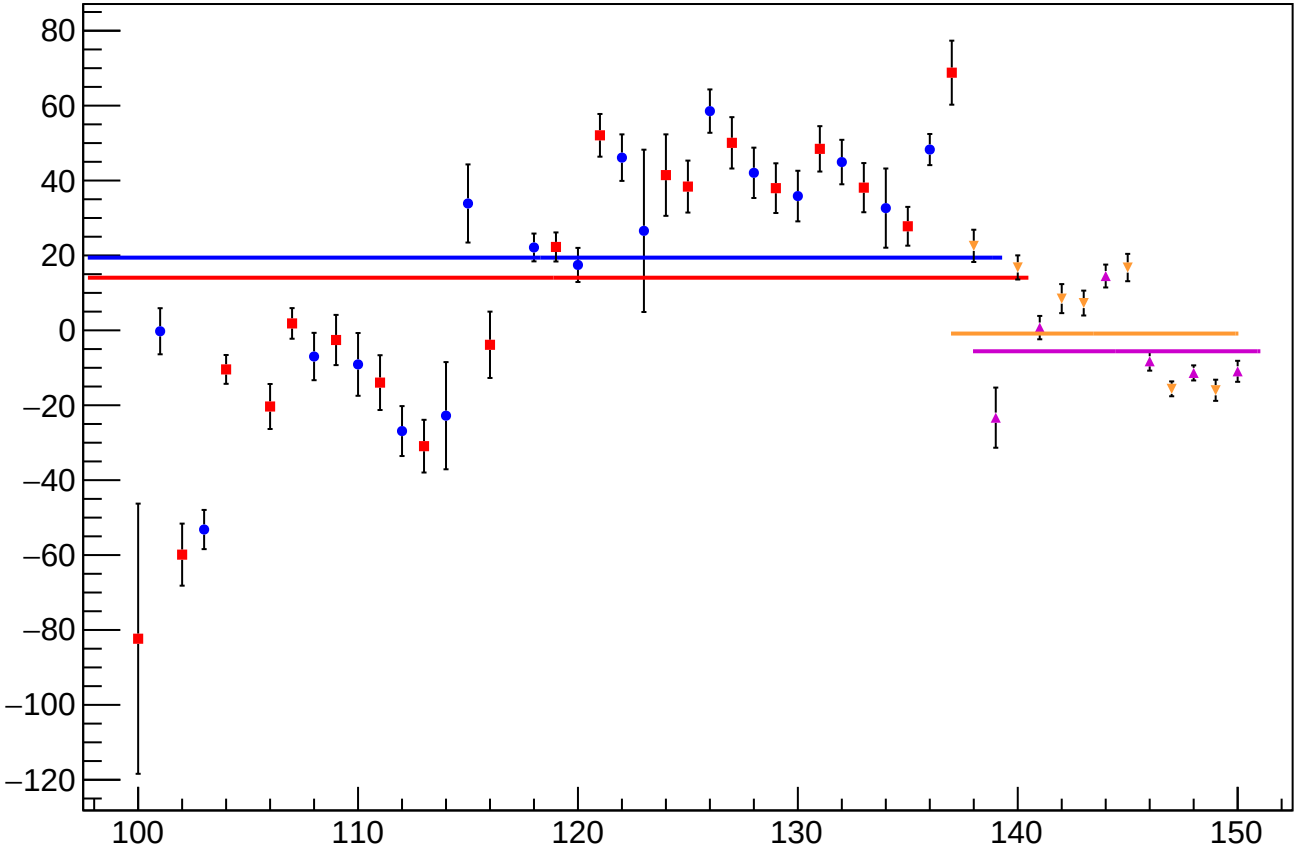
Left In: 203.523+/-1.747 χ^2/NDF:131.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 195.968+/-1.219 χ^2/NDF: 616.6/12

- 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: -0.858+/-1.146 χ^2/NDF:178.7/6

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

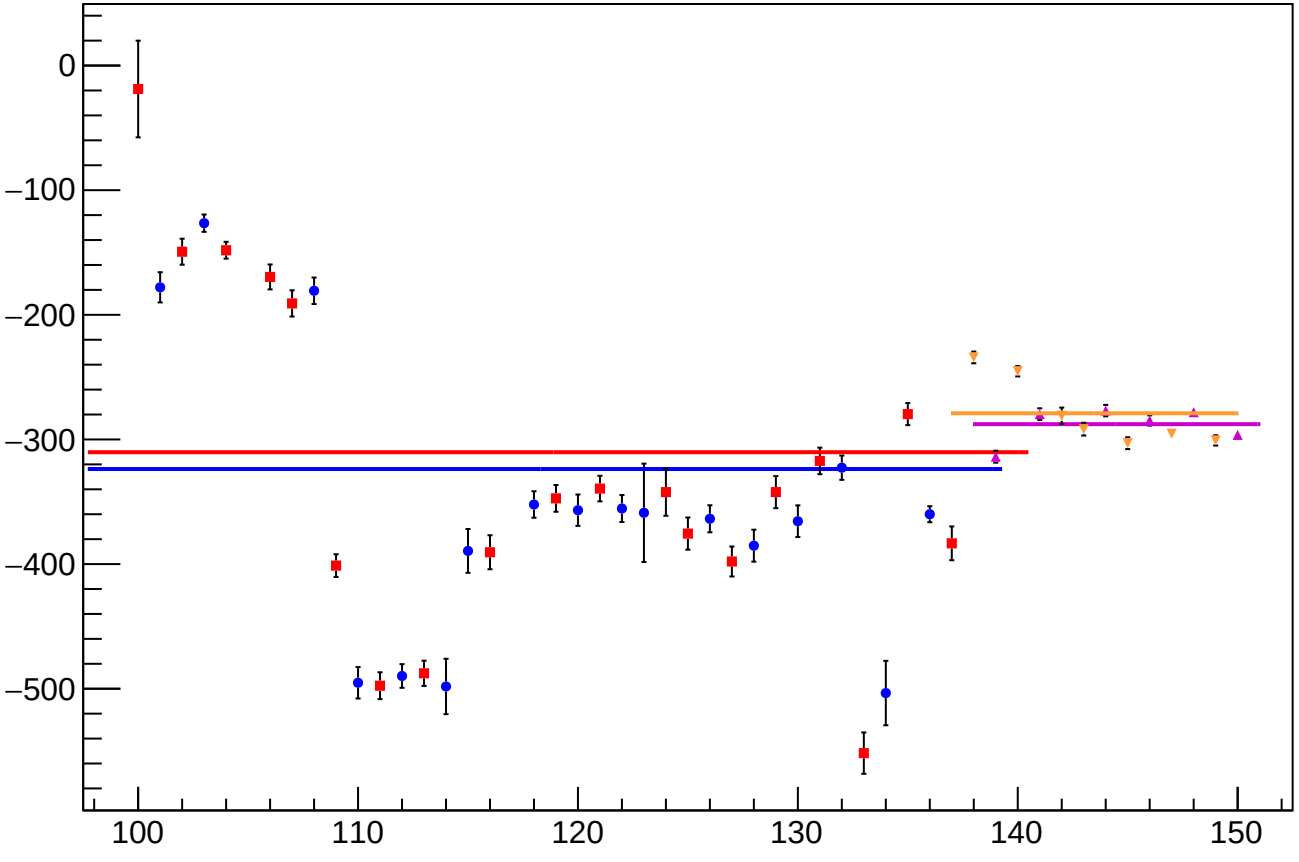
Left In: -5.585+/-1.149 χ^2/NDF:65.2/5

+ sign 6.742+/-0.906 χ^2/NDF: 737.1/23

All: 4.507+/-0.633 χ^2/NDF: 1369.2/48

- sign 2.370+/-0.886 χ^2/NDF: 620.2/24

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -278.998+/-1.737 χ^2/NDF:232.5/6

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

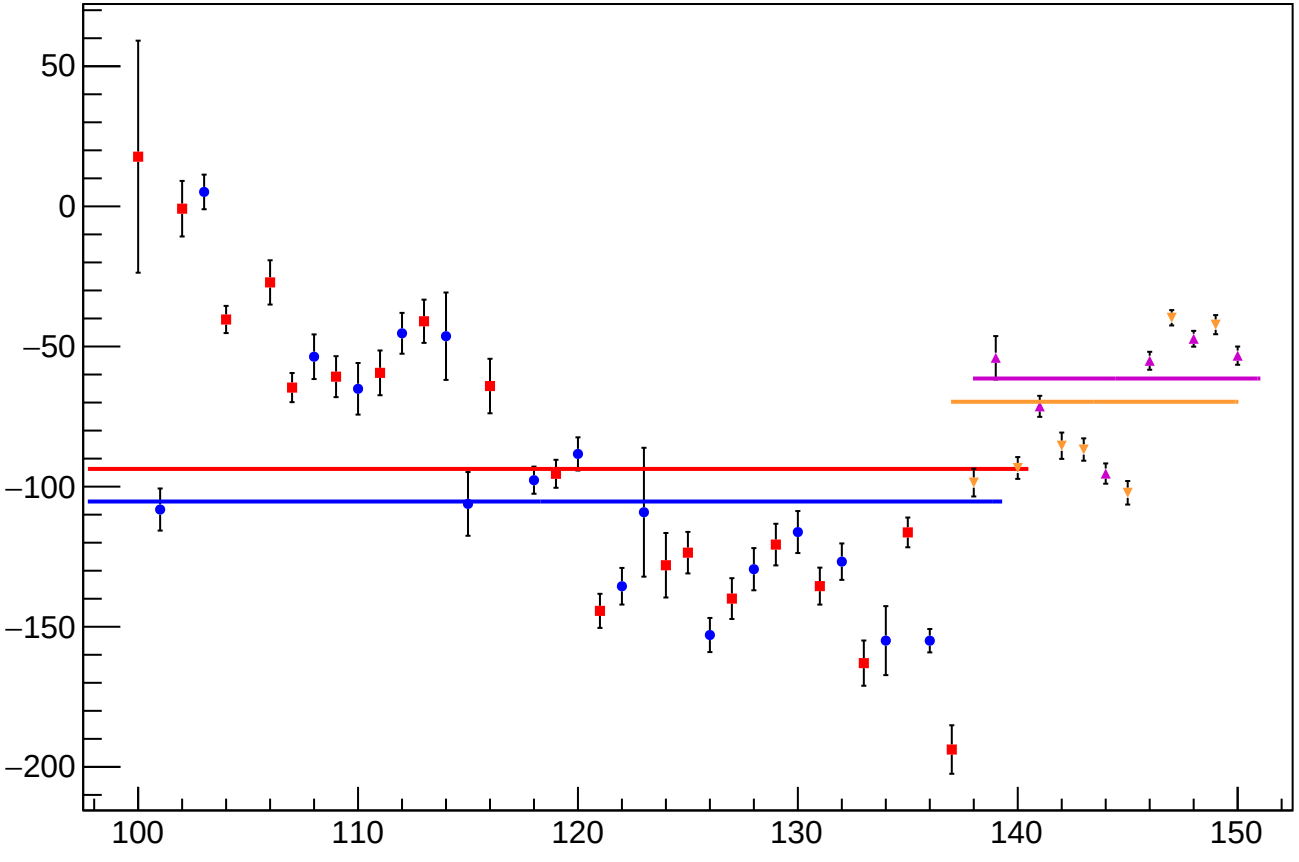
Left In: -287.725+/-1.745 χ^2/NDF:49.6/5

+ sign -292.313+/-1.456 χ^2/NDF: 2280.6/23

All: -293.677+/-1.022 χ^2/NDF: 4685.8/48

- sign -295.003+/-1.435 χ^2/NDF: 2403.4/24

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -69.716+/-1.427 χ^2/NDF:344.7/6

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

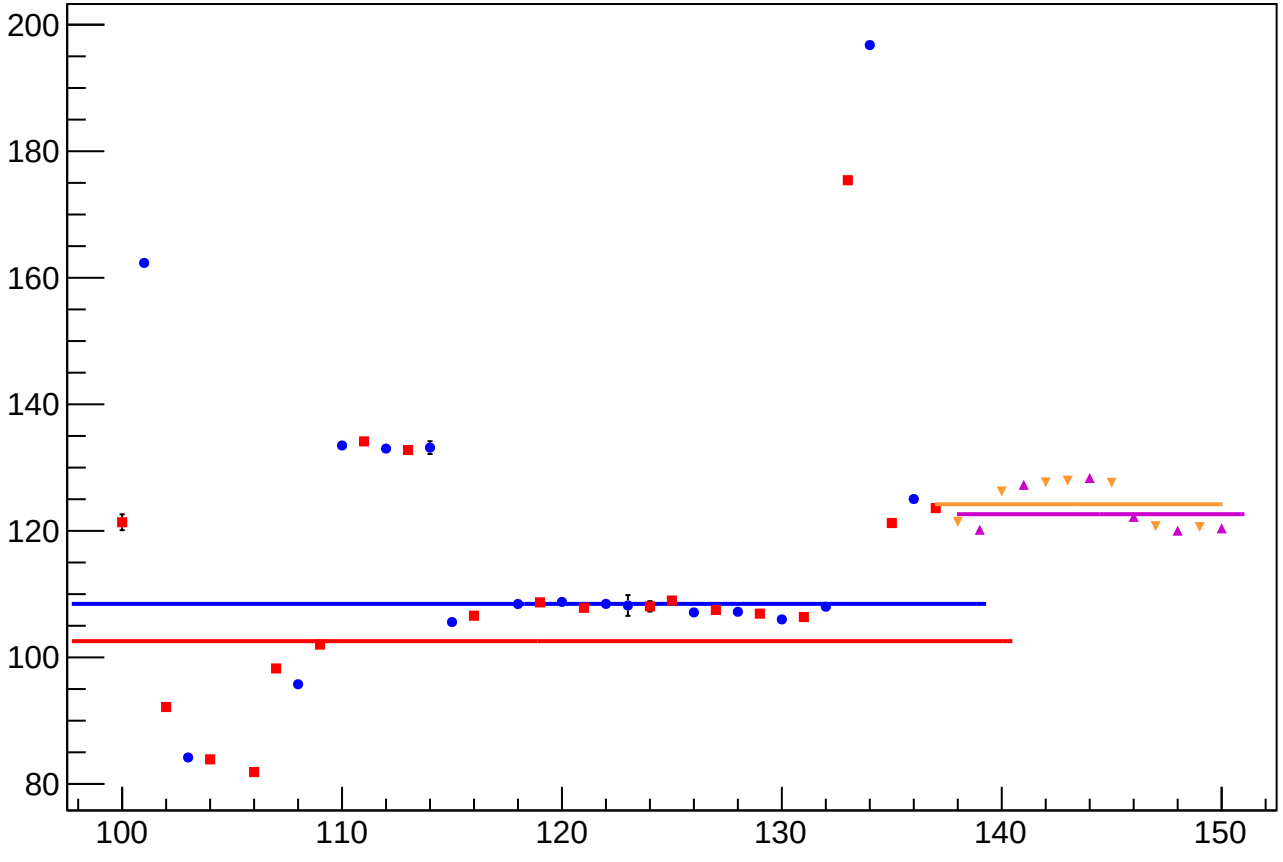
Left In: -61.424+/-1.441 χ^2/NDF:131.2/5

+ sign -84.500+/-1.091 χ^2/NDF: 1340.5/23

All: -80.059+/-0.766 χ^2/NDF: 2553.4/48

- sign -75.756+/-1.074 χ^2/NDF: 1180.3/24

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 124.208+/-0.073 χ^2/NDF:1932.4/6

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

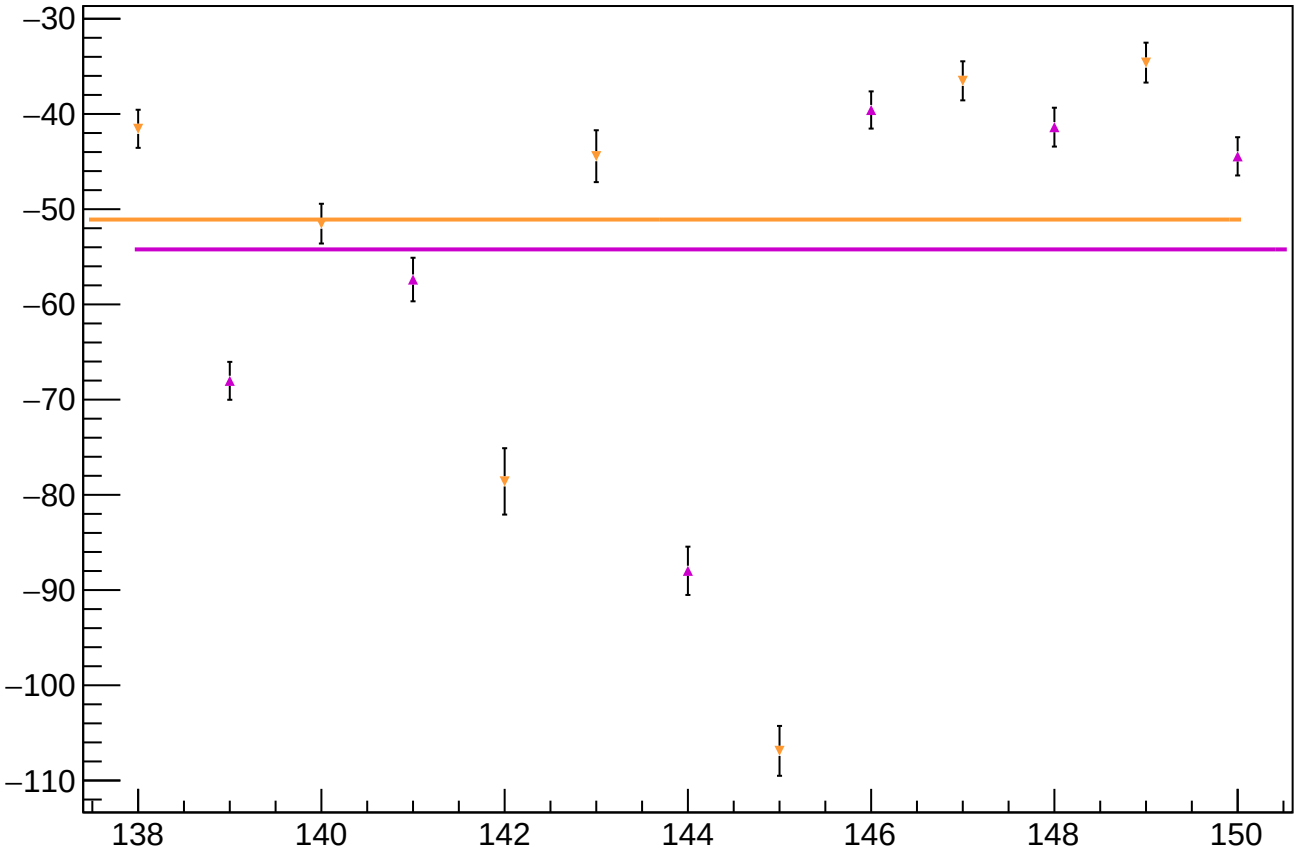
Left In: 122.639+/-0.073 χ^2/NDF:2078.0/5

+ sign 117.450+/-0.056 χ^2/NDF: 94956.3/23

All: 115.406+/-0.039 χ^2/NDF: 187535.3/48

- sign 113.498+/-0.054 χ^2/NDF: 89957.9/24

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -51.088+/-0.874 χ^2/NDF:657.2/6

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

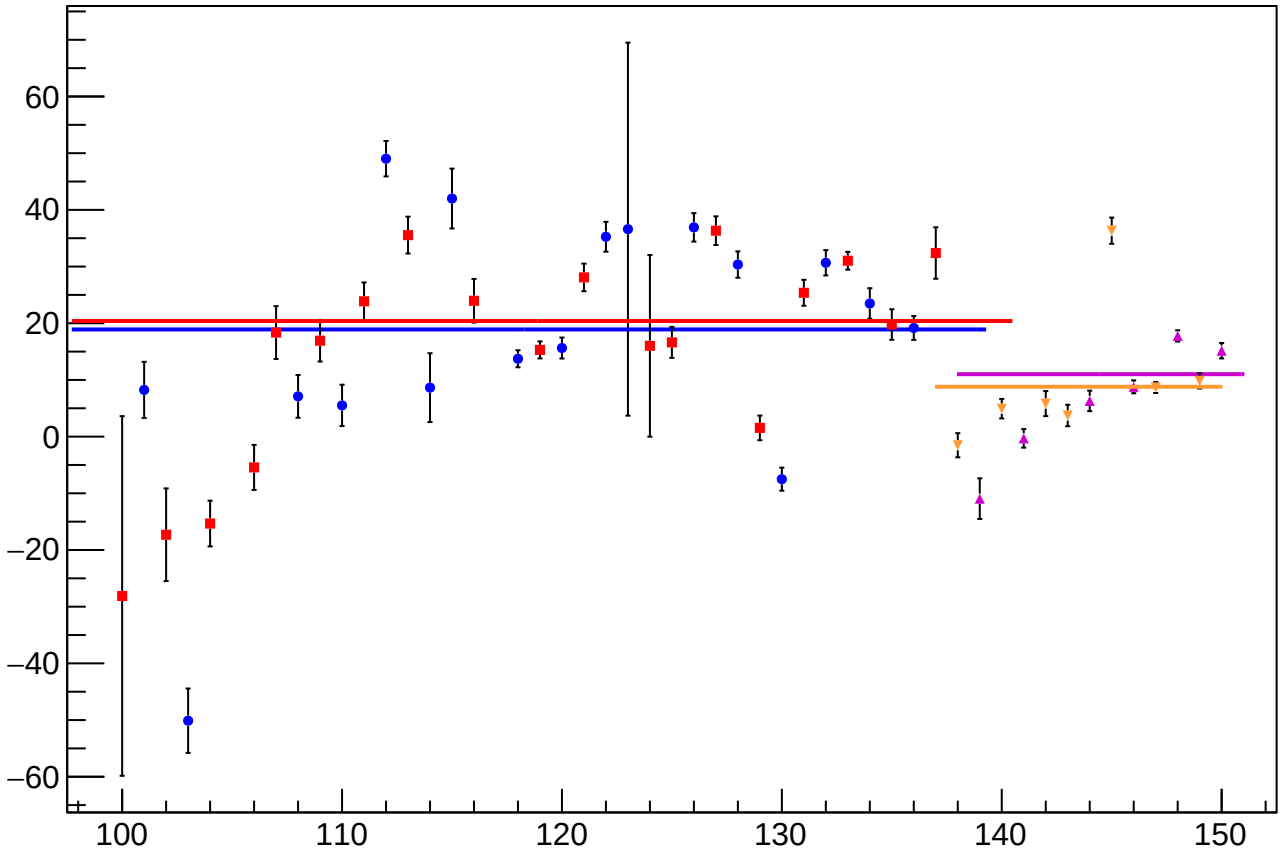
Left In: -54.223+/-0.861 χ^2/NDF:346.7/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -52.680+/-0.613 χ^2/NDF: 1010.4/12

- 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: 8.795+/-0.594 χ^2/NDF:180.1/6

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

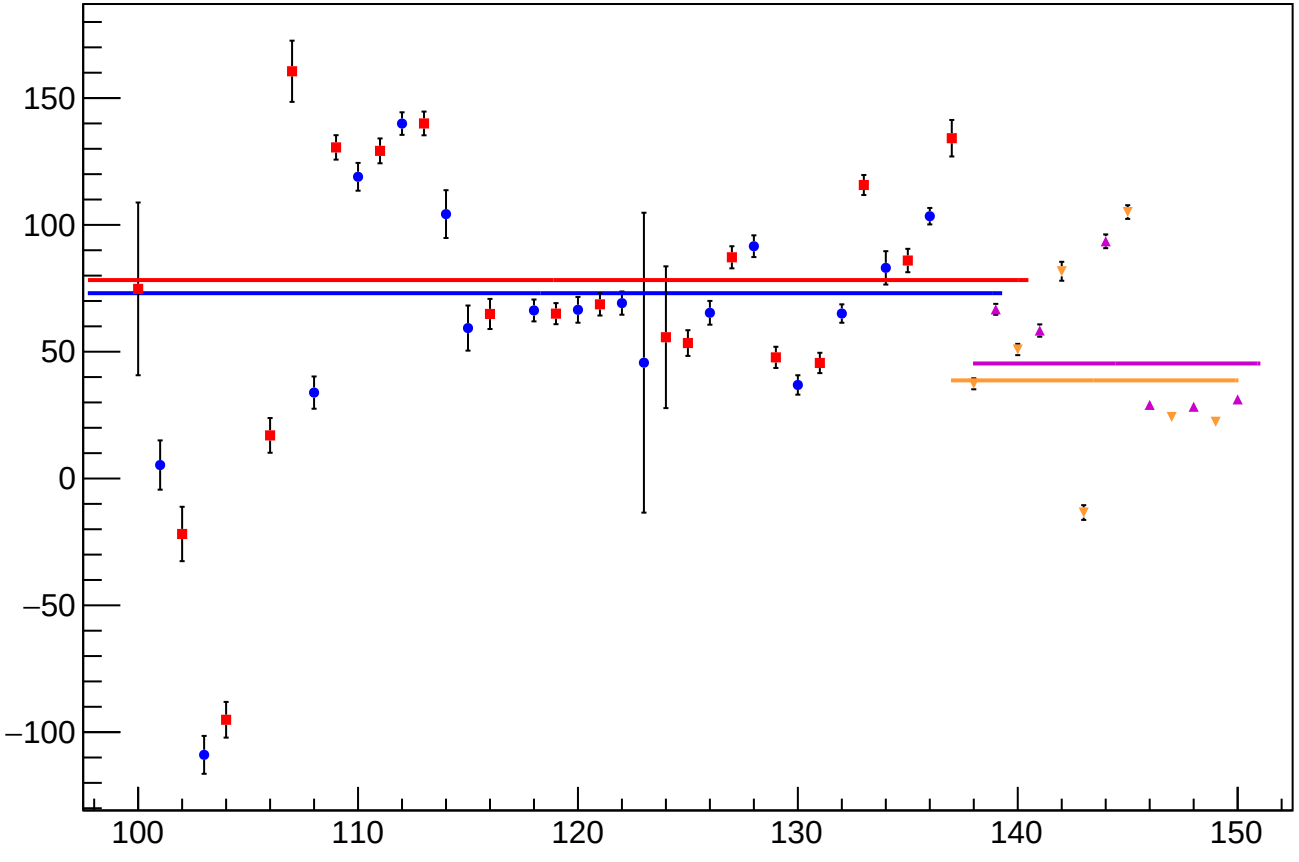
Left In: 11.014+/-0.570 χ^2/NDF:151.4/5

+ sign 13.449+/-0.437 χ^2/NDF: 932.3/23

All: 14.309+/-0.305 χ^2/NDF: 1575.5/48

- sign 15.130+/-0.427 χ^2/NDF: 635.6/24

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 38.695+/-0.886 χ^2/NDF:1213.1/6

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

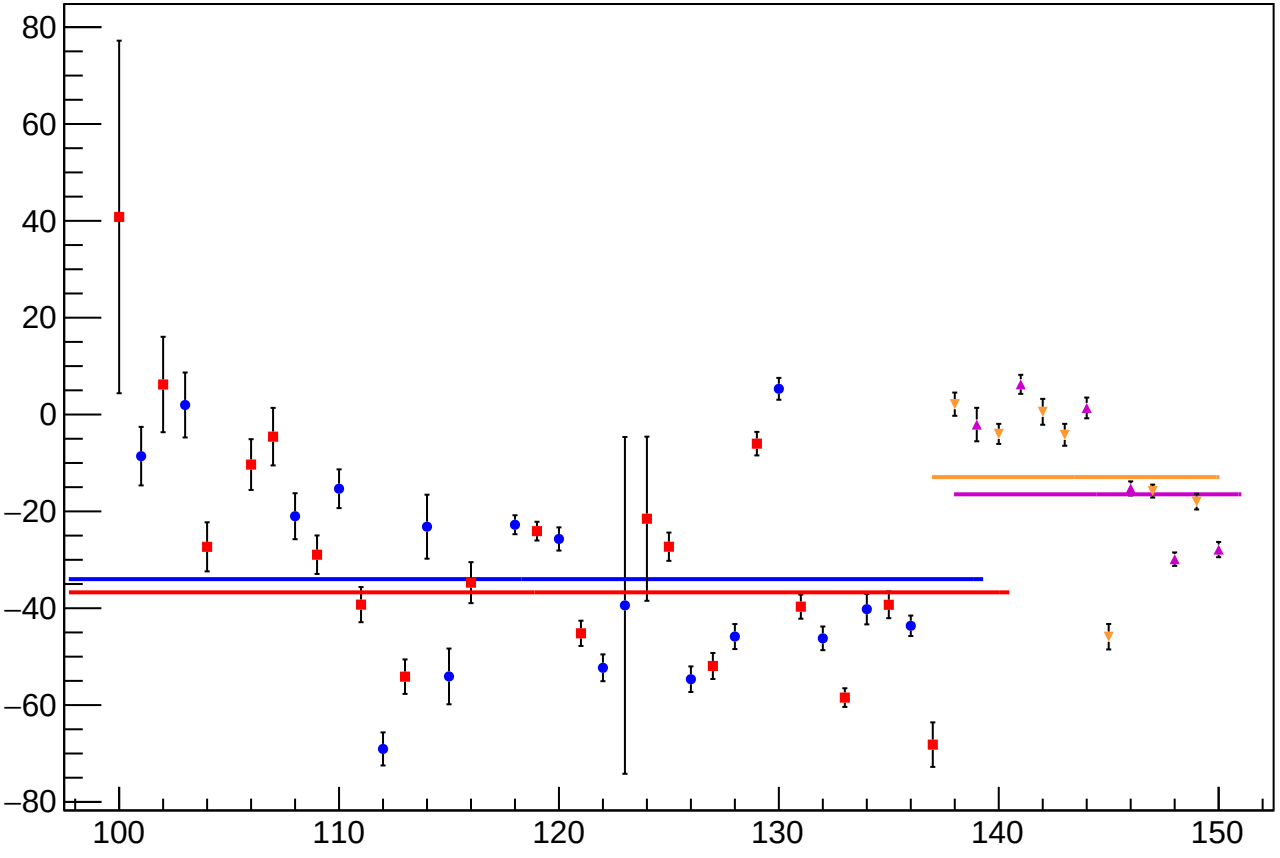
Left In: 45.359+/-0.856 χ^2/NDF:655.1/5

+ sign 50.461+/-0.718 χ^2/NDF: 2928.6/23

All: 53.390+/-0.502 χ^2/NDF: 5644.1/48

- sign 56.183+/-0.701 χ^2/NDF: 2683.0/24

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -12.915+/-0.741 χ^2/NDF:269.6/6

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

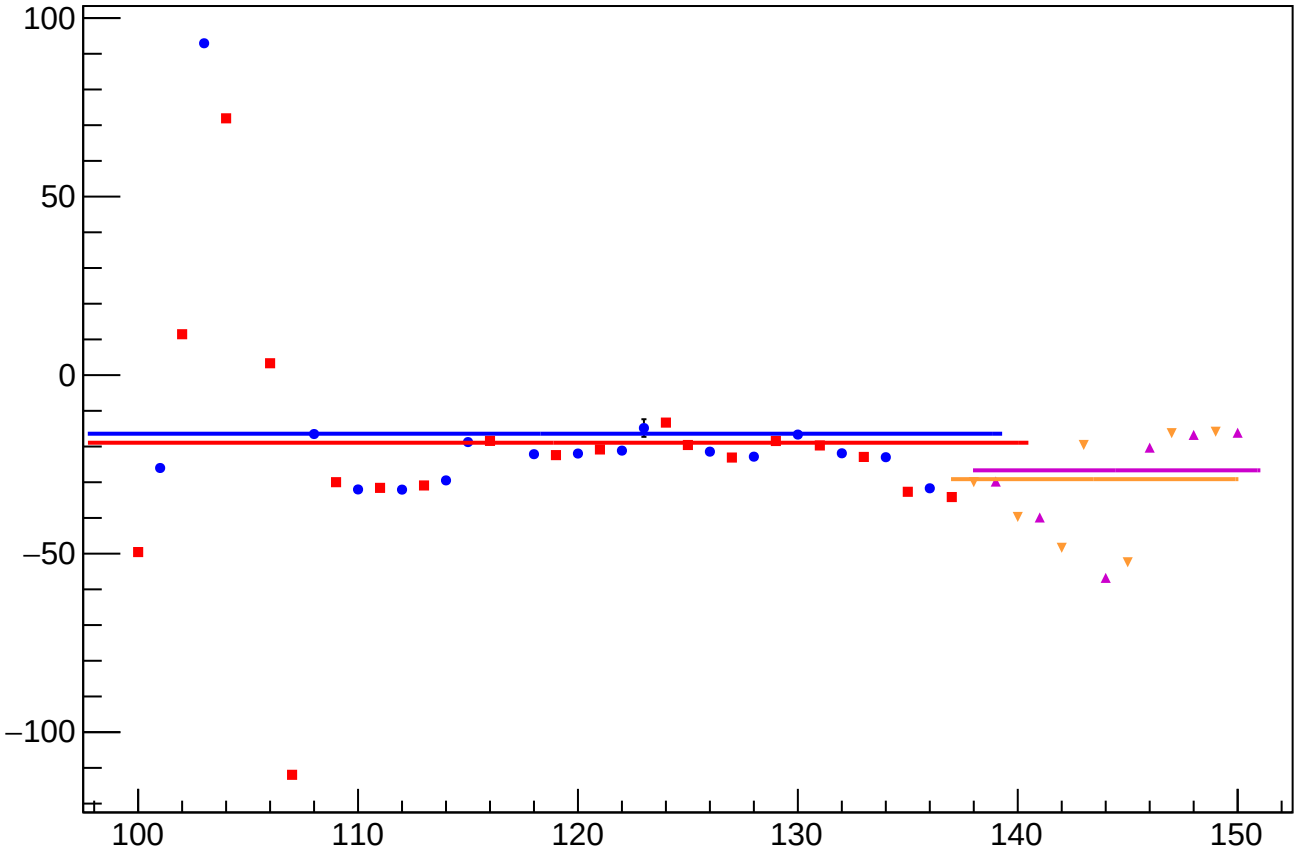
Left In: -16.473+/-0.716 χ^2/NDF:366.5/5

+ sign -23.521+/-0.522 χ^2/NDF: 1396.5/23

All: -24.936+/-0.366 χ^2/NDF: 2708.8/48

- sign -26.303+/-0.513 χ^2/NDF: 1297.9/24

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -29.136+/-0.037 χ^2/NDF:127475.6/6

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

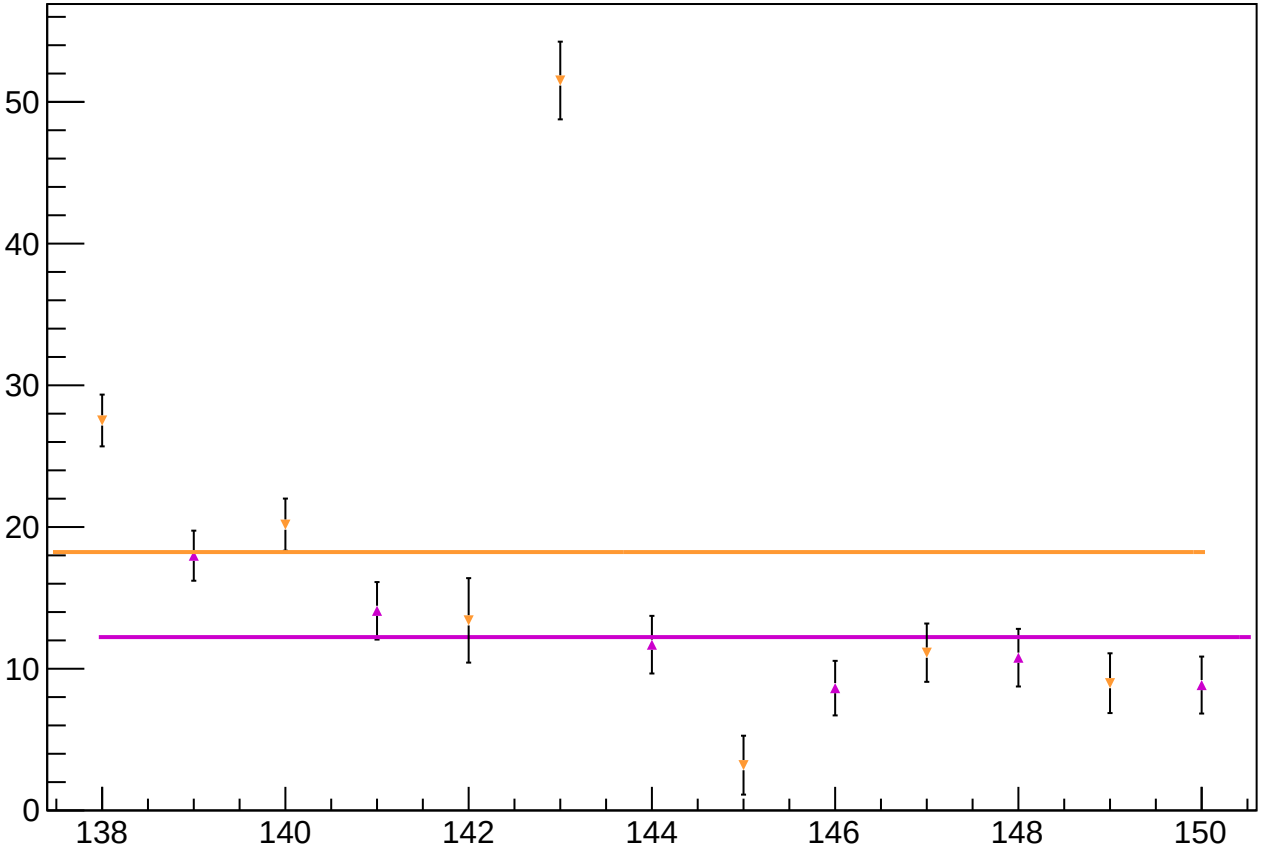
Left In: -26.666+/-0.035 χ^2/NDF:122109.1/5

+ sign -23.853+/-0.029 χ^2/NDF: 649871.8/23

All: -23.786+/-0.020 χ^2/NDF: 1224235.7/48

- sign -23.723+/-0.028 χ^2/NDF: 574353.3/24

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 18.233+/-0.808 χ^2/NDF:260.4/6

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

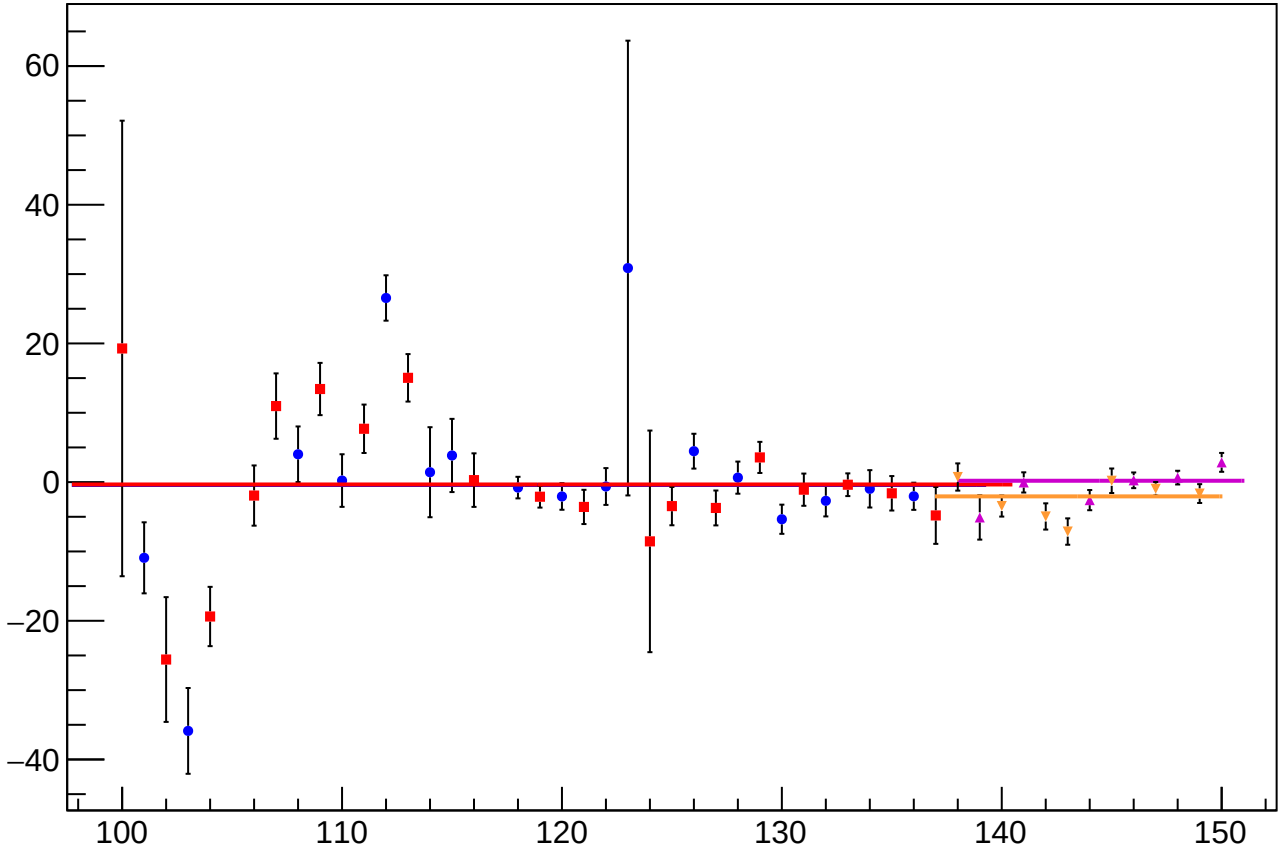
Left In: 12.233+/-0.800 χ^2/NDF:18.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 15.203+/-0.568 χ^2/NDF: 306.6/12

- 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: -2.058+/-0.563 χ^2/NDF:15.3/6

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

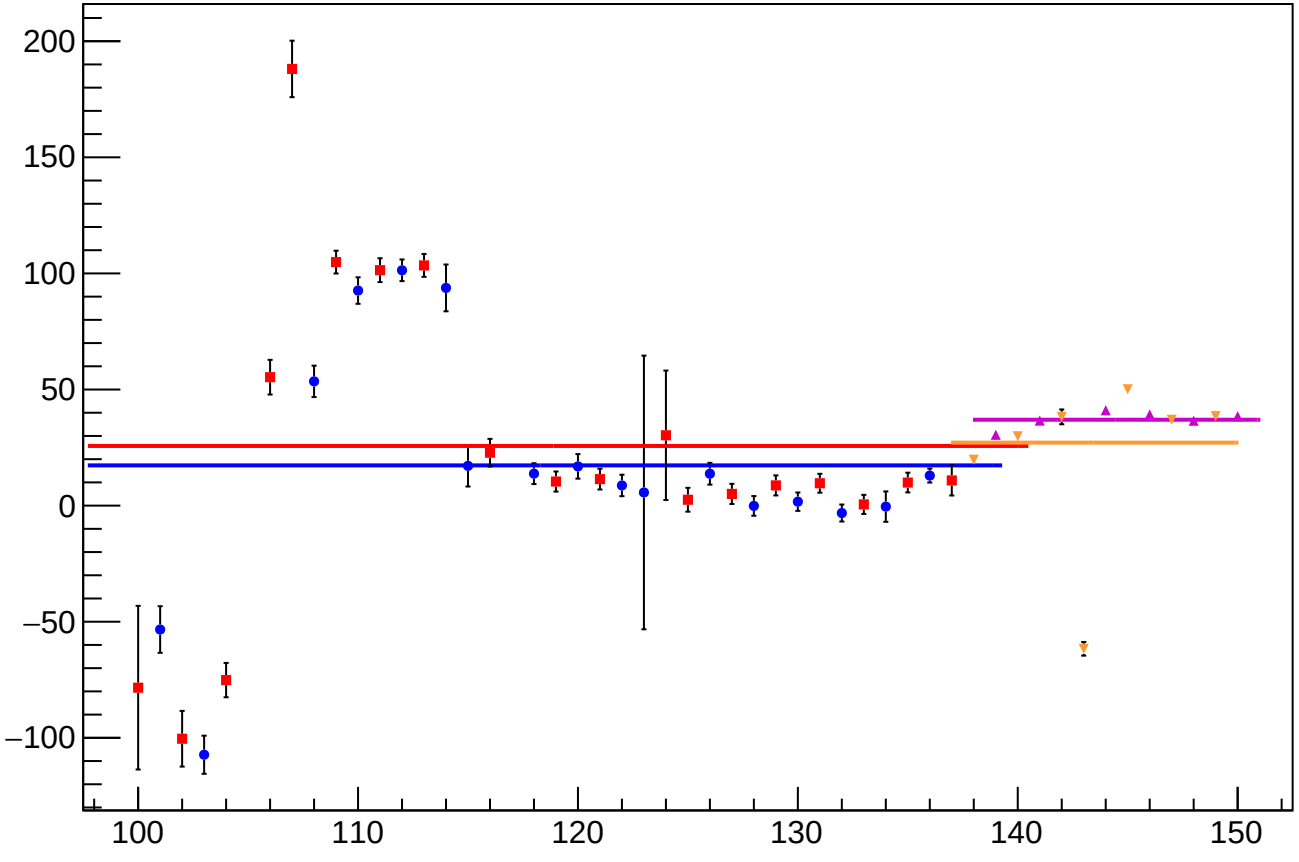
Left In: 0.195+/-0.543 χ^2/NDF:10.4/5

+ sign -1.357+/-0.426 χ^2/NDF: 138.8/23

All: -0.678+/-0.299 χ^2/NDF: 238.4/48

- sign -0.023+/-0.419 χ^2/NDF: 94.6/24

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 27.130+/-0.825 χ^2/NDF:1119.8/6

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

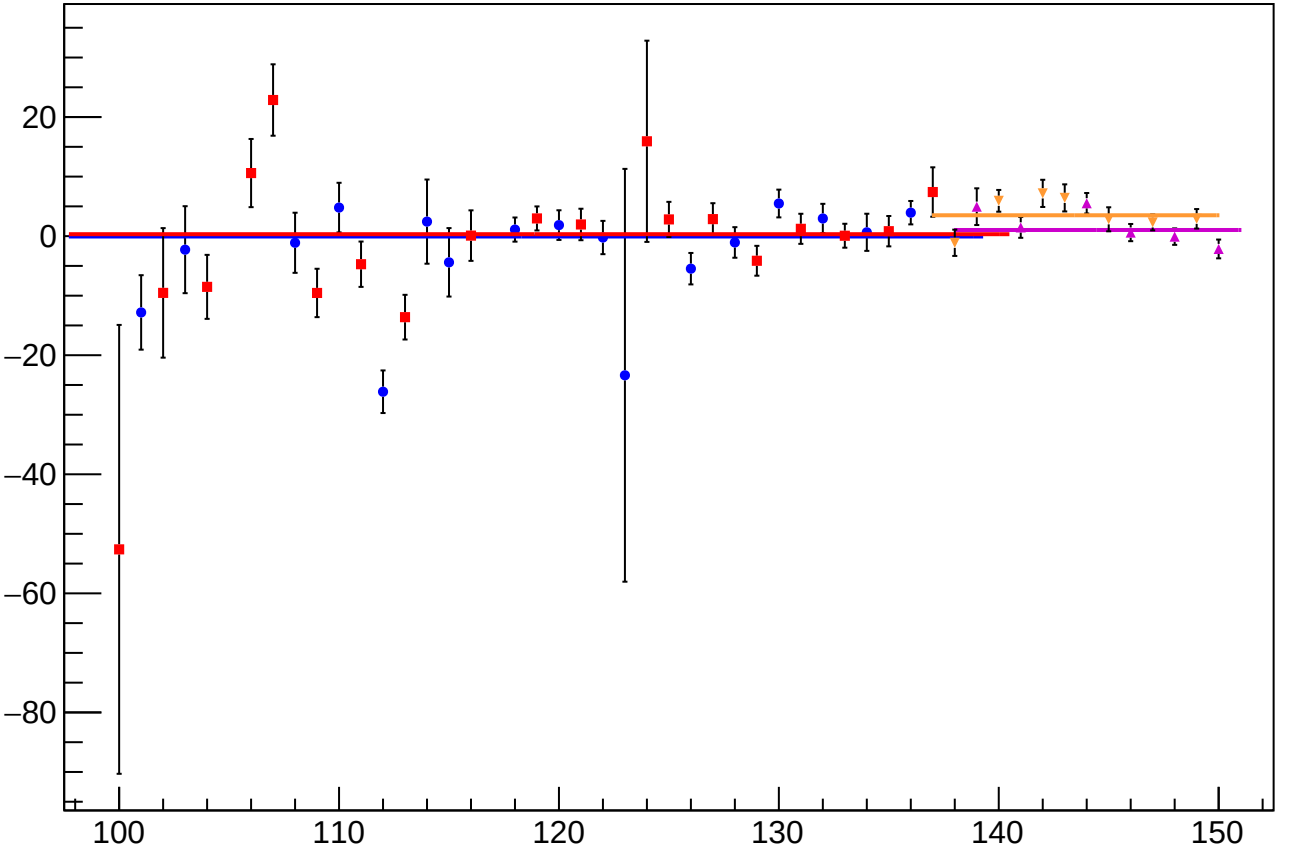
Left In: 36.988+/-0.803 χ^2/NDF:17.3/5

+ sign 24.118+/-0.687 χ^2/NDF: 2106.3/23

All: 28.980+/-0.481 χ^2/NDF: 3659.4/48

- sign 33.666+/-0.674 χ^2/NDF: 1454.6/24

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 3.505+/-0.697 χ^2/NDF:11.4/6

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

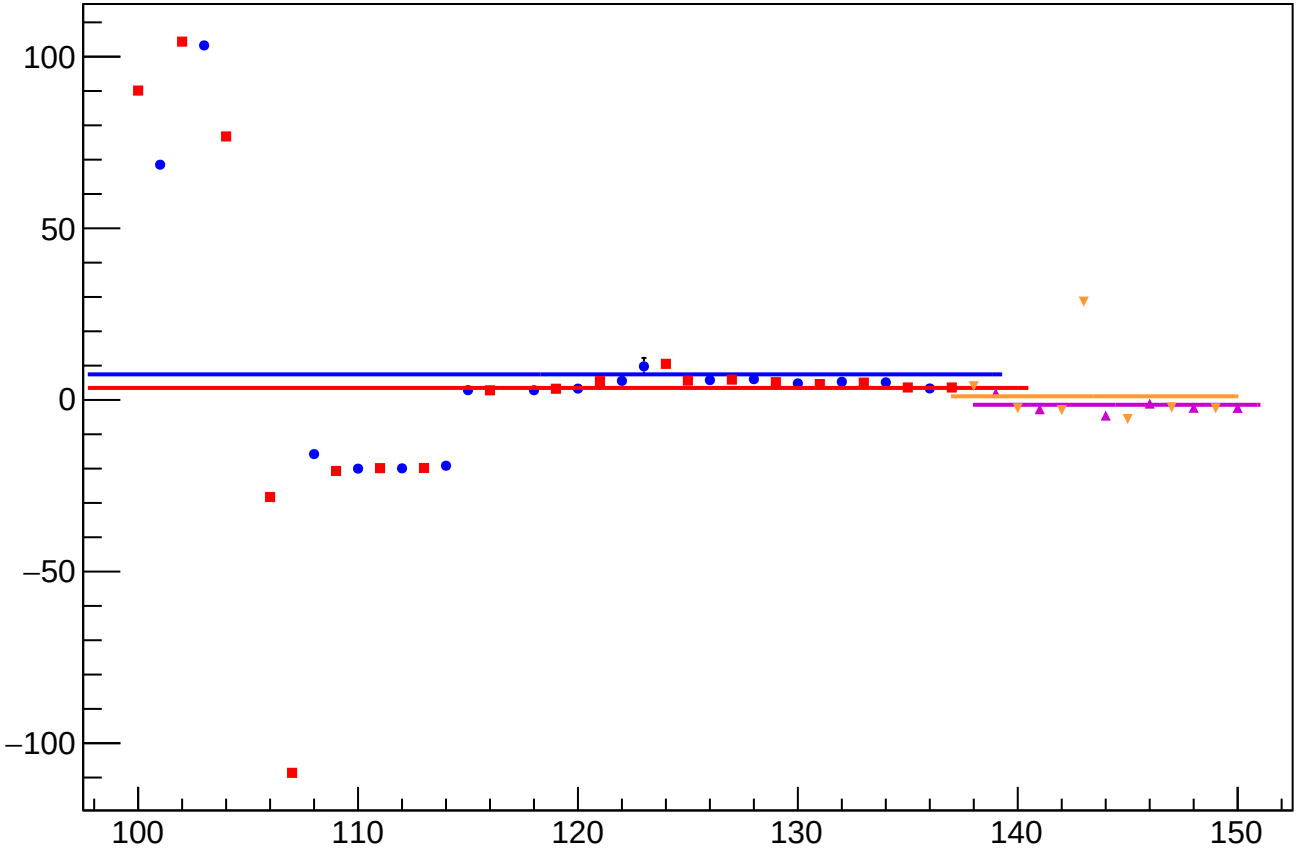
Left In: 1.032+/-0.678 χ^2/NDF:13.3/5

+ sign 1.839+/-0.508 χ^2/NDF: 100.2/23

All: 1.270+/-0.358 χ^2/NDF: 171.6/48

- sign 0.714+/-0.503 χ^2/NDF: 68.9/24

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 1.062+/-0.035 χ^2/NDF:68492.5/6

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

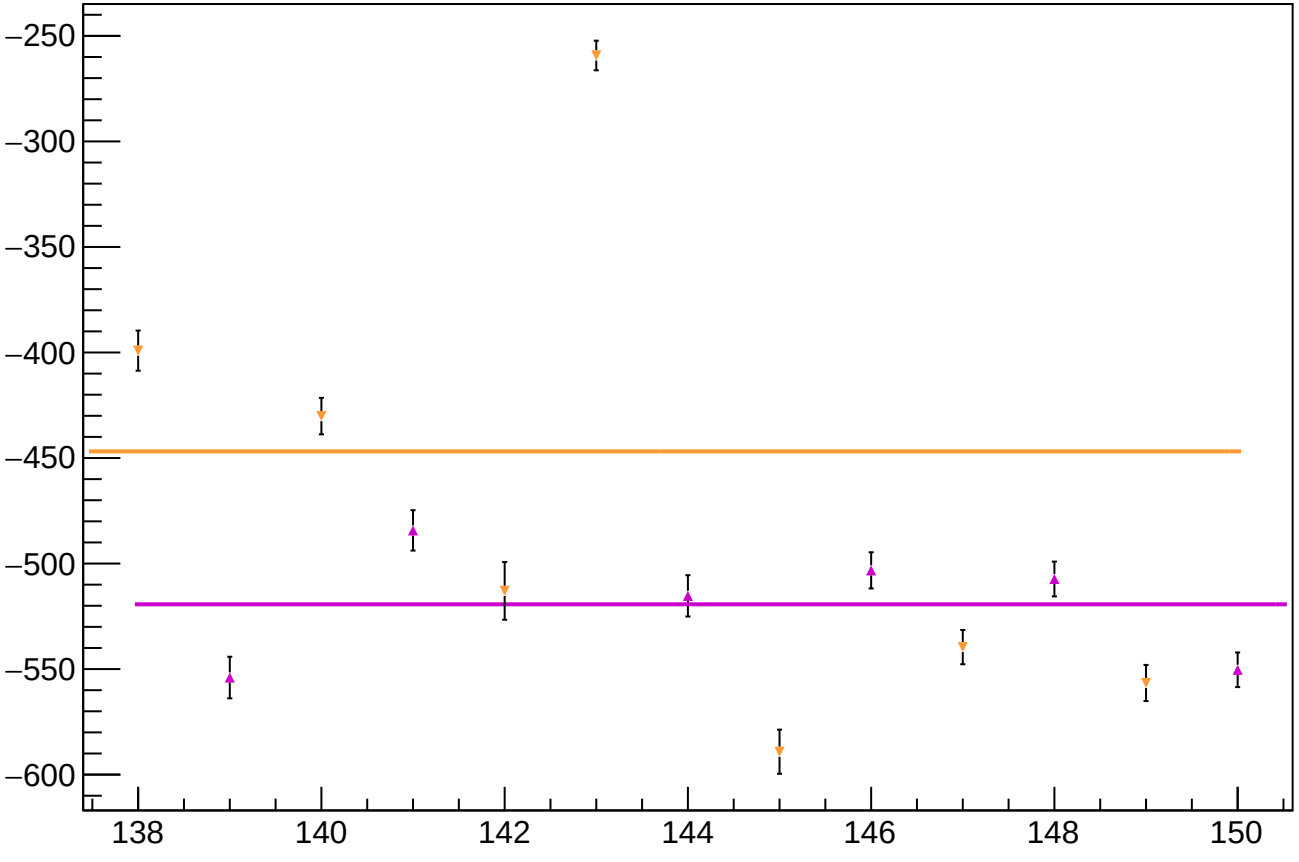
Left In: -1.407+/-0.033 χ^2/NDF:4131.9/5

+ sign 3.473+/-0.027 χ^2/NDF: 437443.3/23

All: 1.851+/-0.019 χ^2/NDF: 966694.9/48

- sign 0.289+/-0.027 χ^2/NDF: 522315.3/24

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -446.847+/-3.370 χ^2/NDF:1246.5/6

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

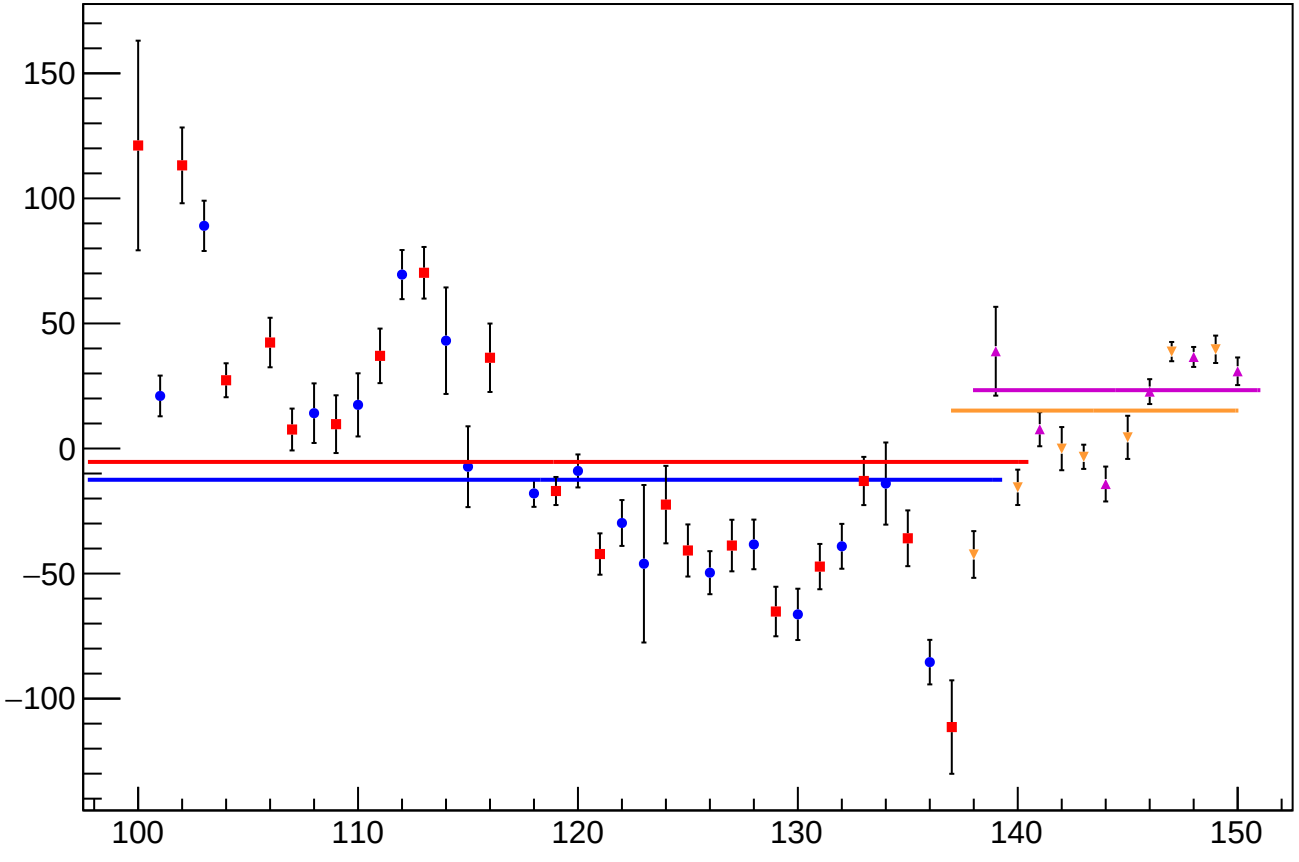
Left In: -519.312+/-3.654 χ^2/NDF:45.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -480.151+/-2.477 χ^2/NDF: 1504.9/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500+/-2.311 χ^2/NDF: 341.1/16

Left Out: 15.166+/-2.225 χ^2/NDF:133.6/6

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

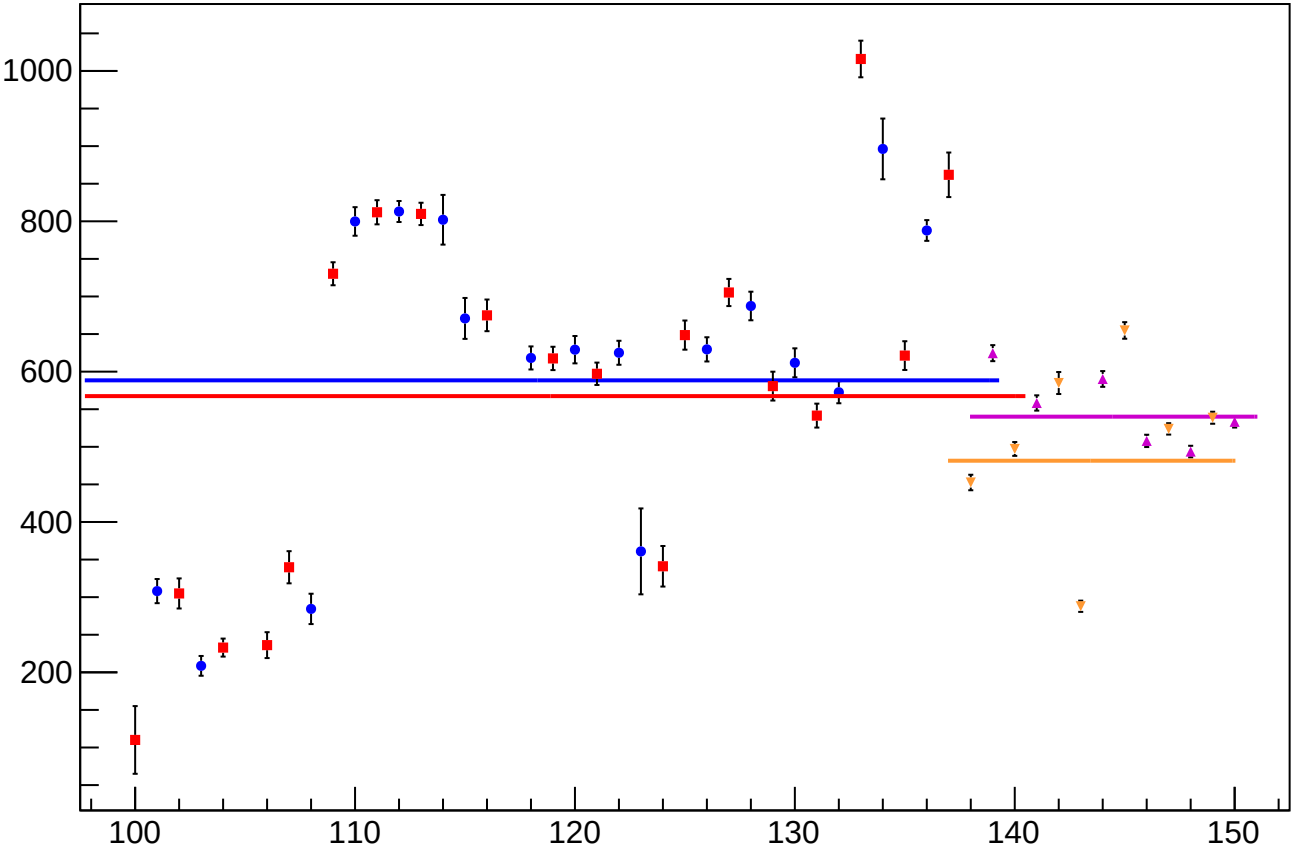
Left In: 23.324+/-2.349 χ^2/NDF:47.9/5

+ sign 1.854+/-1.603 χ^2/NDF: 549.0/23

All: 5.099+/-1.143 χ^2/NDF: 1027.2/48

- sign 8.454+/-1.630 χ^2/NDF: 469.8/24

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 481.504+/-3.431 χ^2/NDF:1058.3/6

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

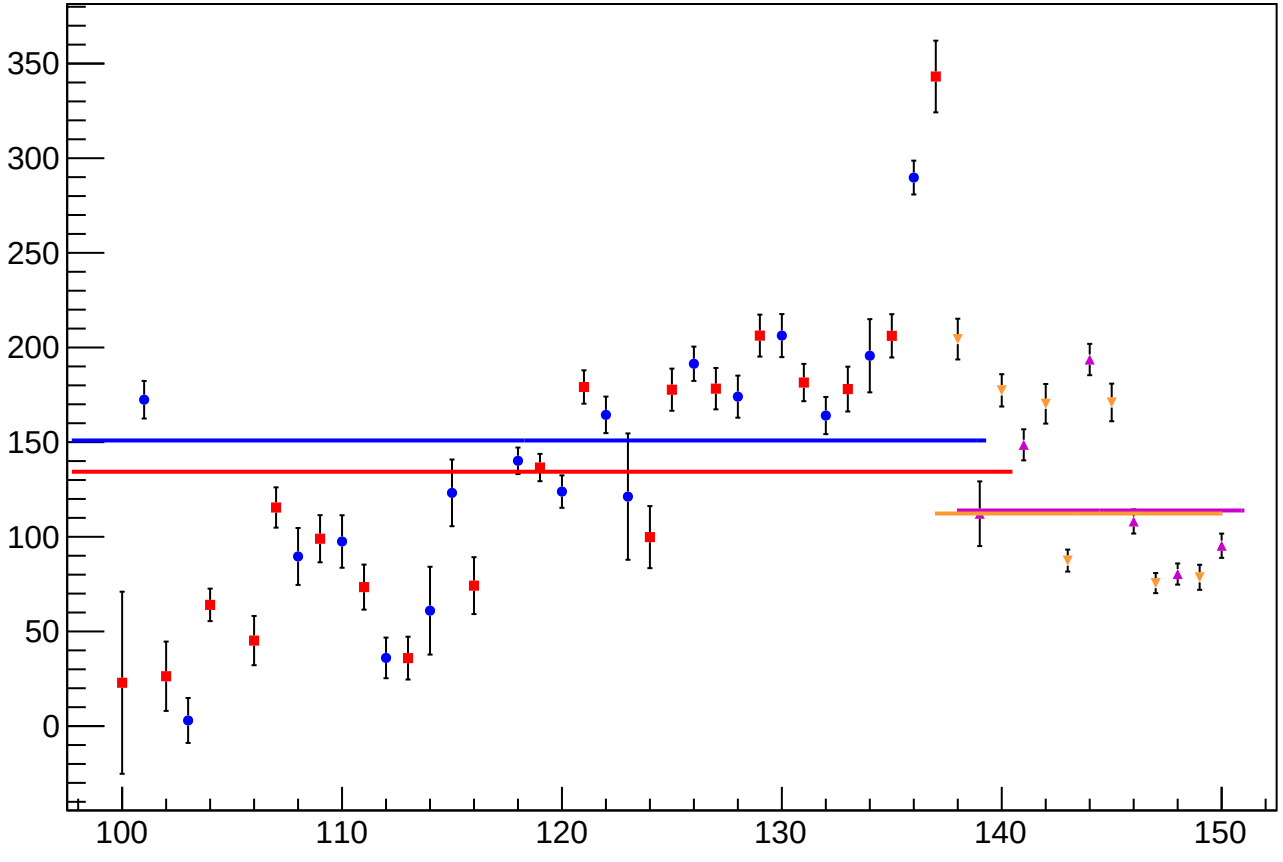
Left In: 540.124+/-3.621 χ^2/NDF:141.3/5

+ sign 522.854+/-2.687 χ^2/NDF: 3564.0/23

All: 537.212+/-1.913 χ^2/NDF: 6572.8/48

- sign 551.978+/-2.725 χ^2/NDF: 2950.9/24

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 112.305+/-2.778 χ^2/NDF:289.2/6

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

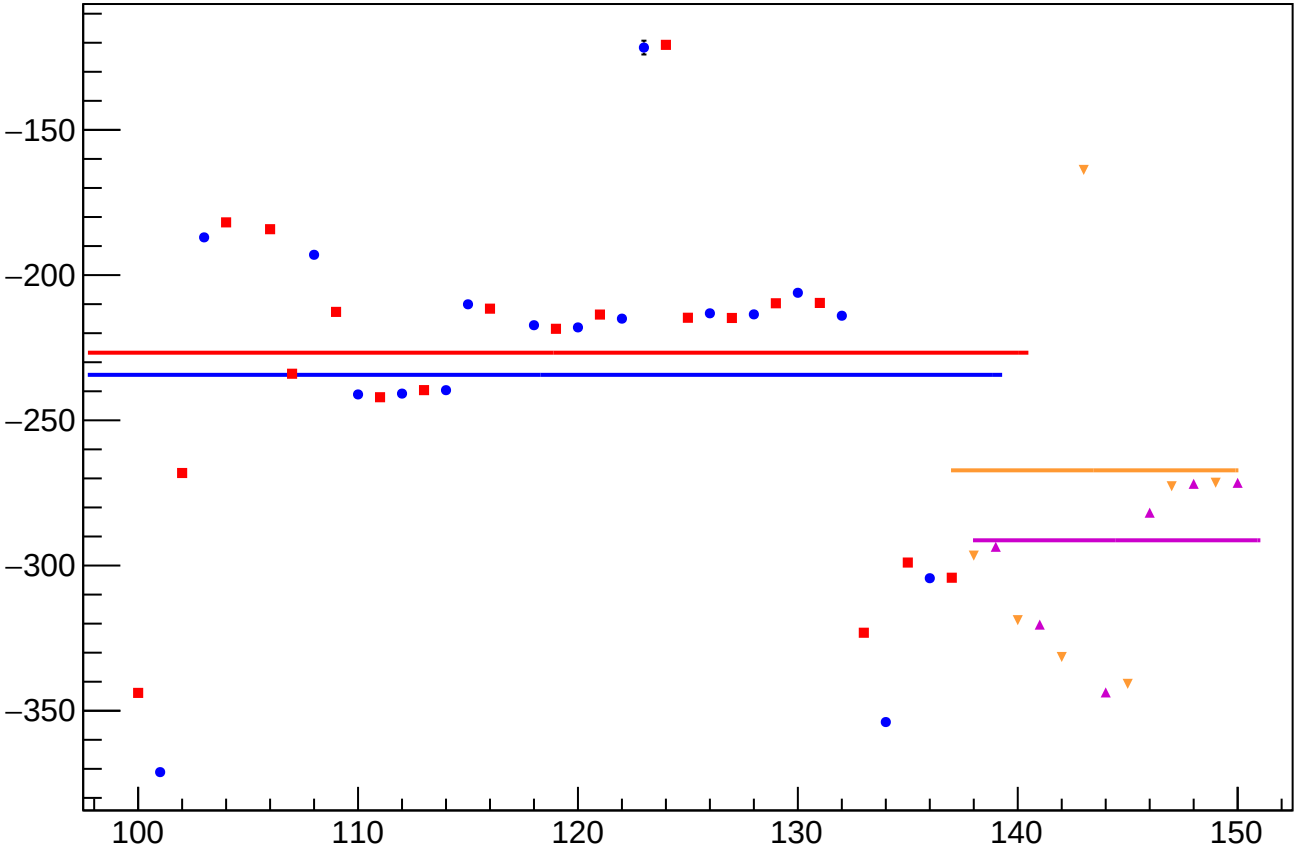
Left In: 113.905+/-2.963 χ^2/NDF:156.2/5

+ sign 132.334+/-1.926 χ^2/NDF: 1024.1/23

All: 128.929+/-1.375 χ^2/NDF: 1798.4/48

- sign 125.396+/-1.963 χ^2/NDF: 767.9/24

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -267.221+/-0.145 χ^2/NDF:180842.7/6

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

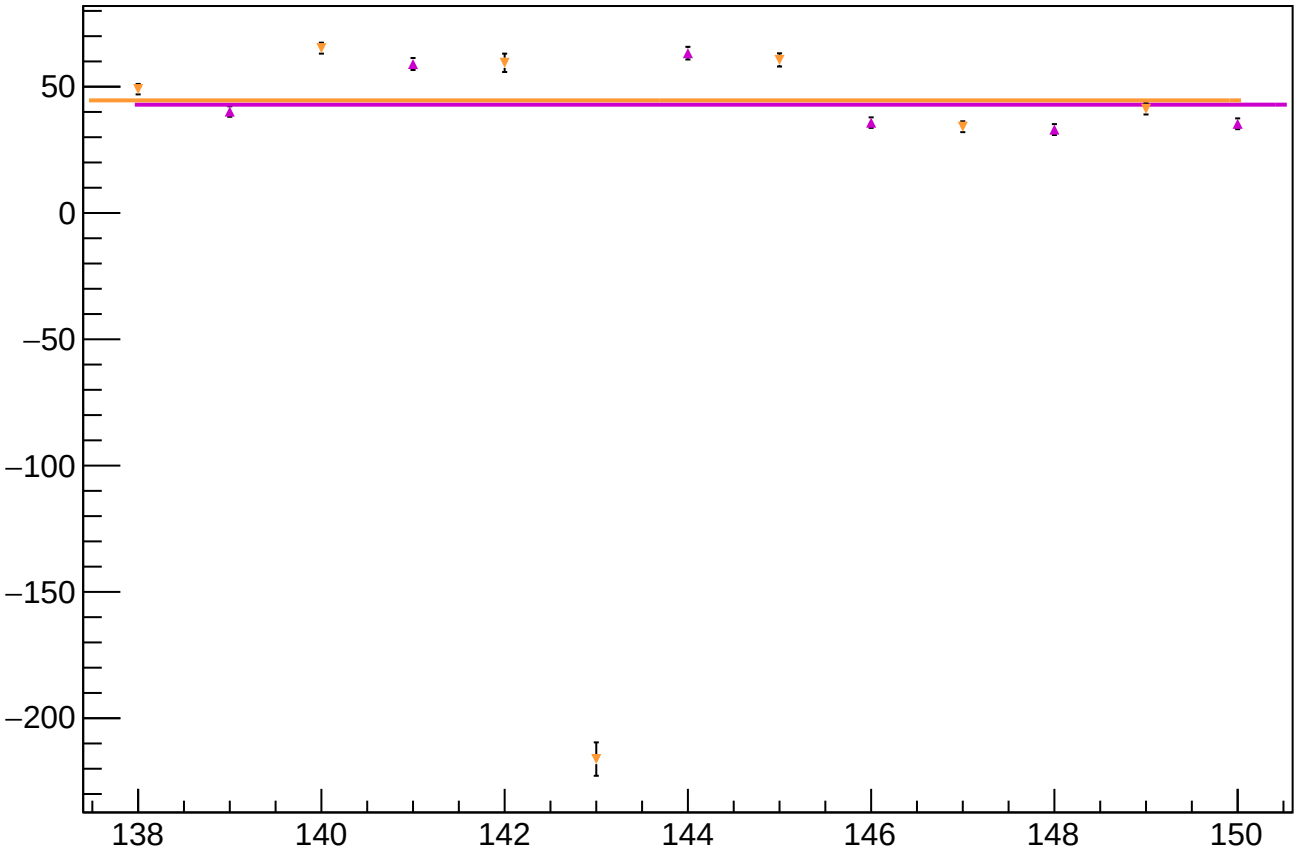
Left In: -291.308+/-0.152 χ^2/NDF:25948.3/5

+ sign -251.131+/-0.104 χ^2/NDF: 351106.4/23

All: -253.957+/-0.073 χ^2/NDF: 575145.0/48

- sign -256.763+/-0.103 χ^2/NDF: 222559.2/24

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 44.581+/-0.949 χ^2/NDF:1730.4/6

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

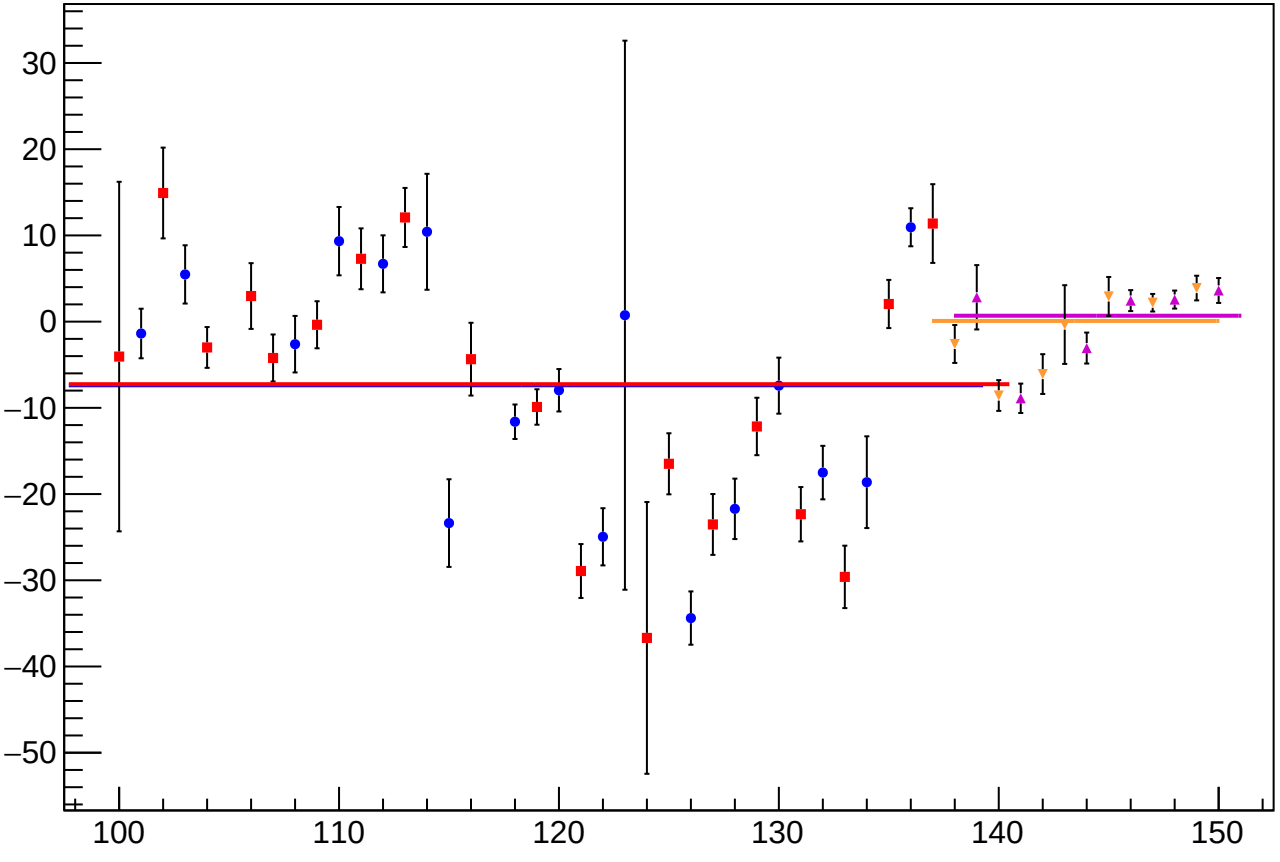
Left In: 42.887+/-0.900 χ^2/NDF:158.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 43.689+/-0.653 χ^2/NDF: 1890.5/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381+/-0.779 χ^2/NDF: 283.6/16

Left Out: 0.081+/-0.645 χ^2/NDF:45.1/6

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

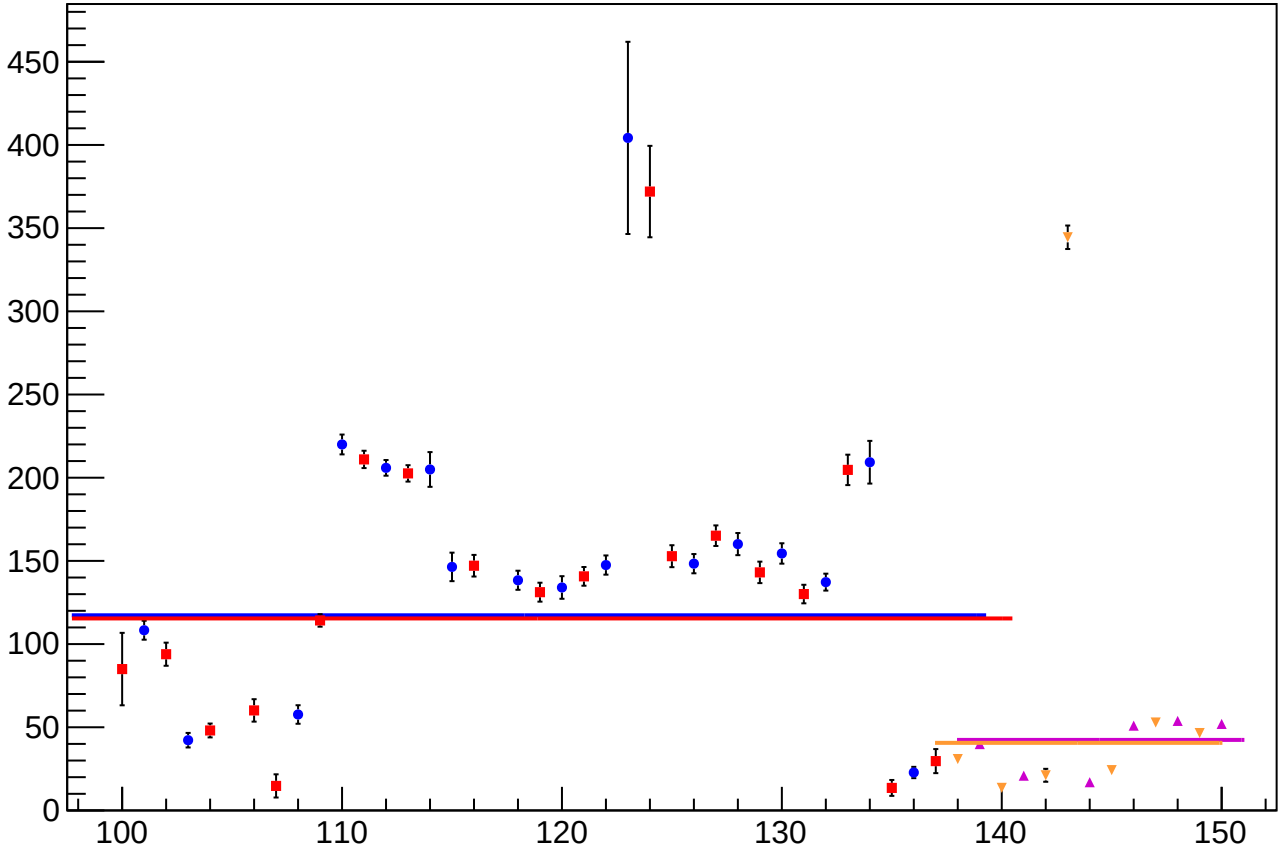
Left In: 0.685+/-0.598 χ^2/NDF:45.6/5

+ sign -2.956+/-0.497 χ^2/NDF: 383.2/23

All: -2.632+/-0.342 χ^2/NDF: 754.2/48

- sign -2.341+/-0.470 χ^2/NDF: 370.2/24

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 40.634+/-0.959 χ^2/NDF:2116.2/6

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

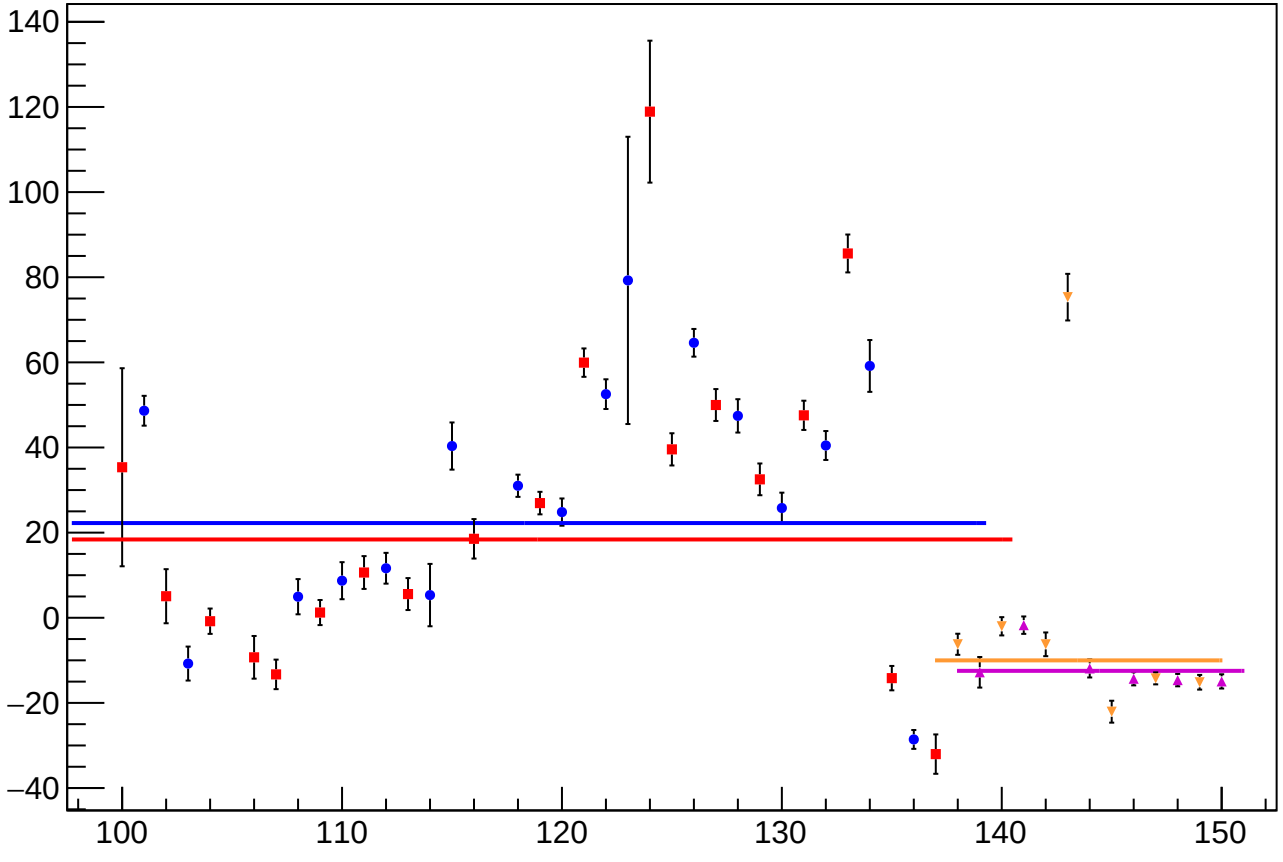
Left In: 42.406+/-0.897 χ^2/NDF:236.7/5

+ sign 64.929+/-0.793 χ^2/NDF: 6301.2/23

All: 64.715+/-0.544 χ^2/NDF: 10694.9/48

- sign 64.525+/-0.749 χ^2/NDF: 4393.6/24

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -10.012+/-0.807 χ^2/NDF:300.9/6

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

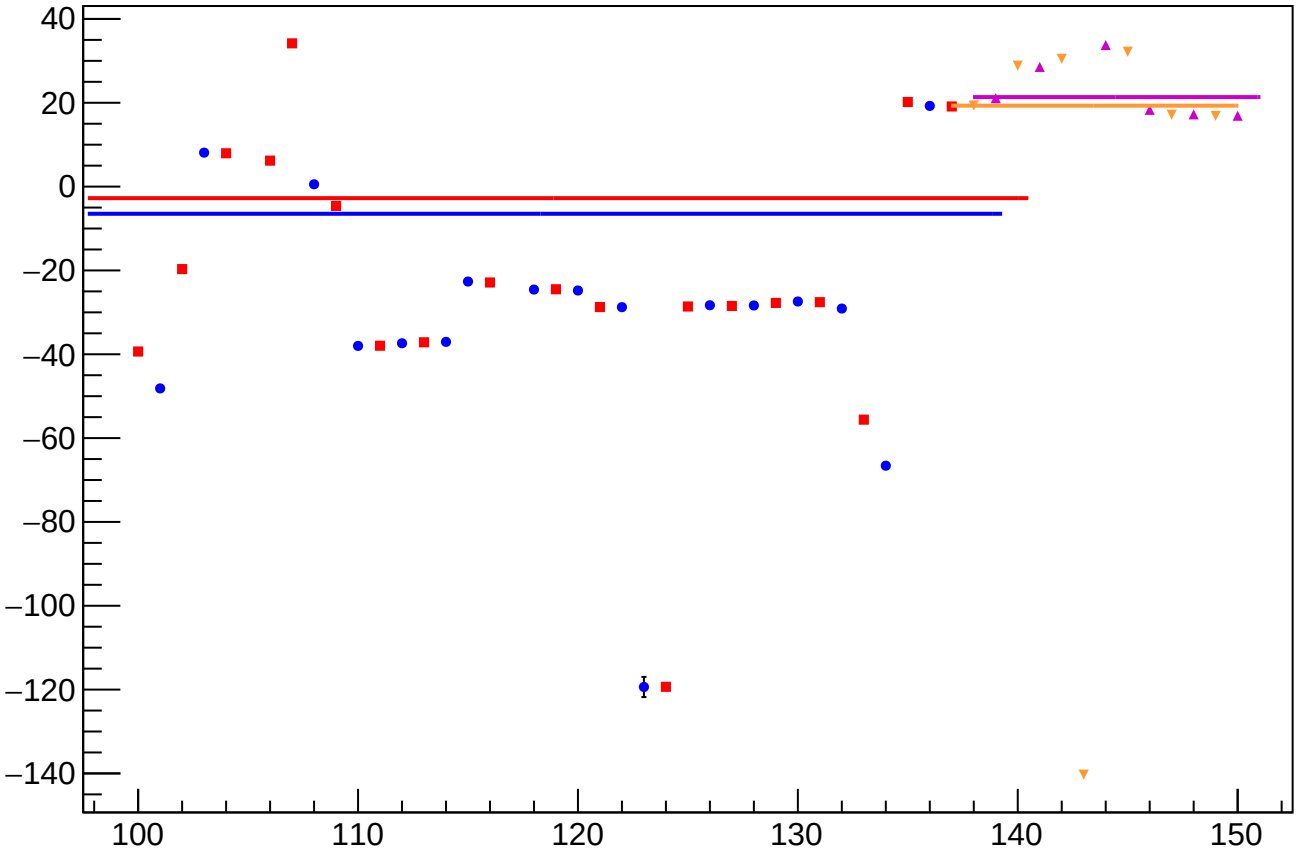
Left In: -12.470+/-0.751 χ^2/NDF:33.4/5

+ sign 4.556+/-0.597 χ^2/NDF: 2094.4/23

All: 2.519+/-0.412 χ^2/NDF: 3946.8/48

- sign 0.672+/-0.569 χ^2/NDF: 1830.3/24

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 19.308+/-0.041 χ^2/NDF:347524.4/6

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

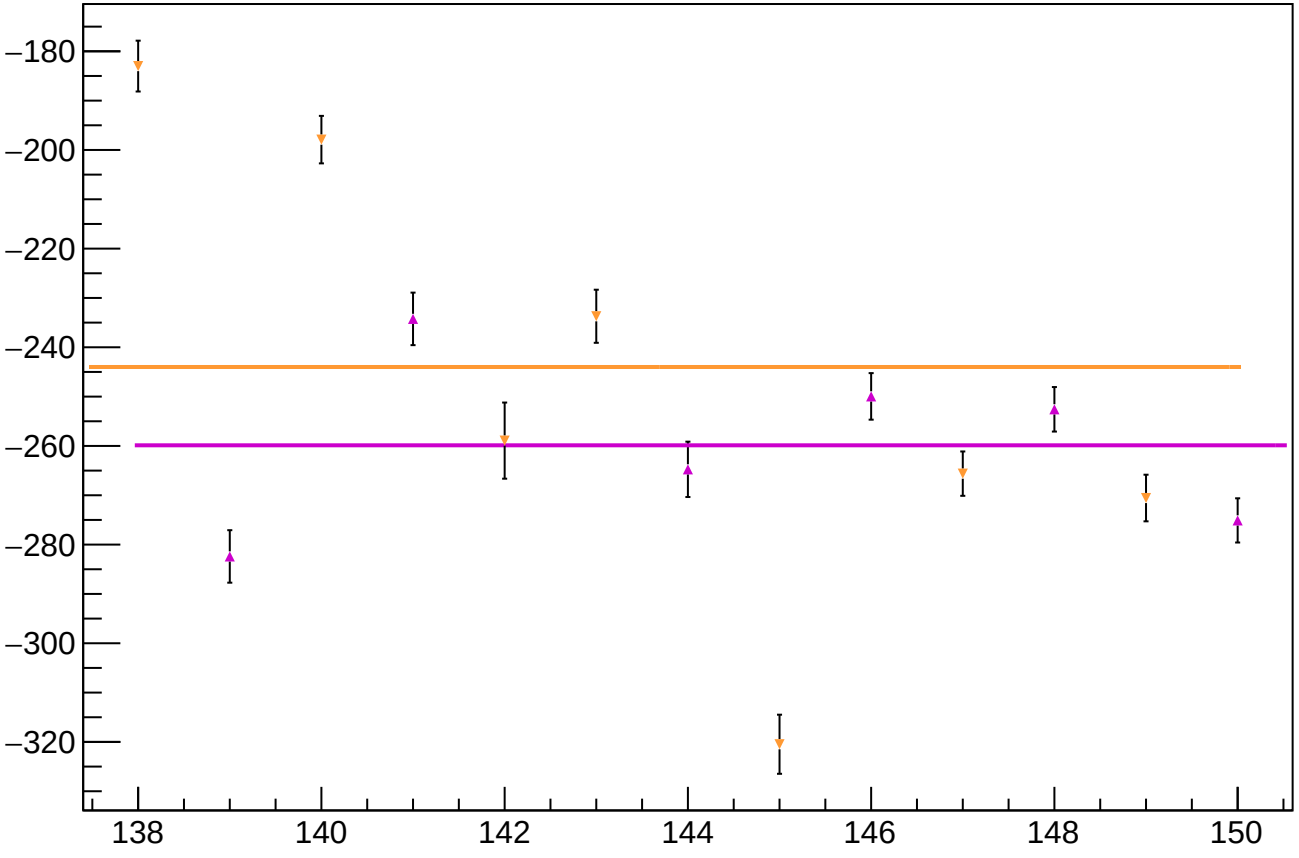
Left In: 21.356+/-0.037 χ^2/NDF:22374.5/5

+ sign 8.051+/-0.030 χ^2/NDF: 789213.7/23

All: 10.014+/-0.021 χ^2/NDF: 1253437.4/48

- sign 11.766+/-0.029 χ^2/NDF: 456384.6/24

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -243.997+/-1.983 χ^2/NDF:456.8/6

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

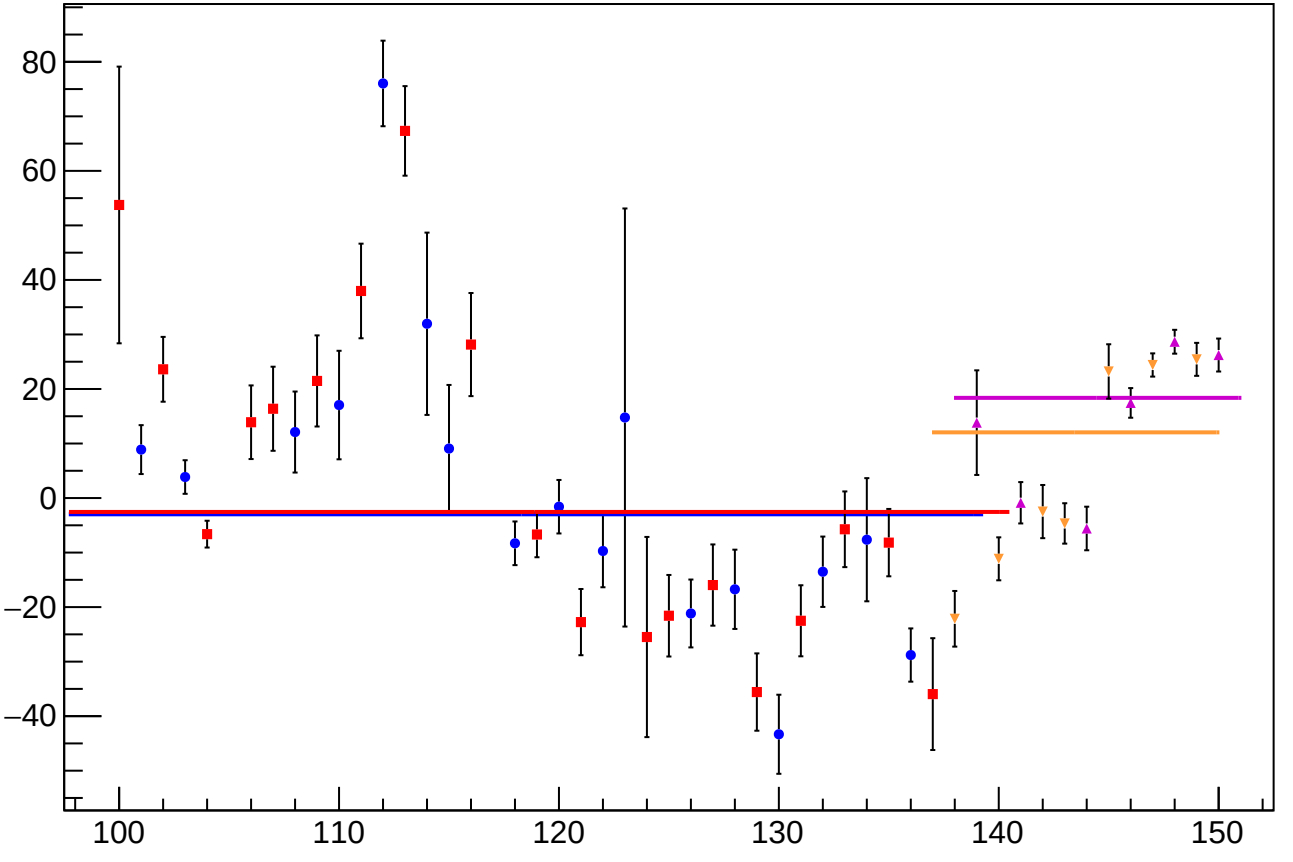
Left In: -259.872+/-2.015 χ^2/NDF:60.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -251.807+/-1.414 χ^2/NDF: 548.8/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981+/-1.450 χ^2/NDF: 203.9/16

Left Out: 12.047+/-1.305 χ^2/NDF:167.0/6

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

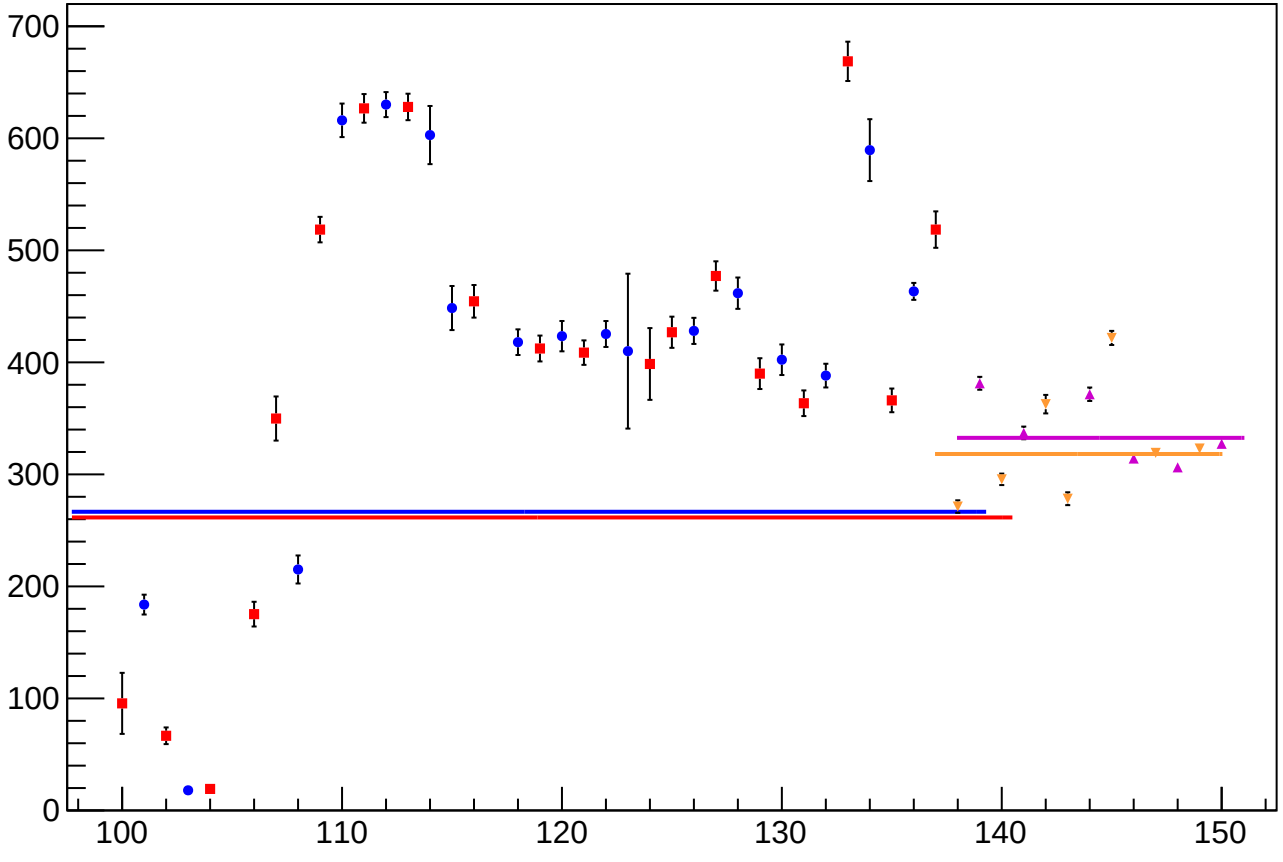
Left In: 18.373+/-1.294 χ^2/NDF:90.9/5

+ sign 5.327+/-0.970 χ^2/NDF: 430.2/23

All: 7.059+/-0.679 χ^2/NDF: 866.1/48

- sign 8.722+/-0.950 χ^2/NDF: 429.6/24

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 318.205+/-2.007 χ^2/NDF:439.7/6

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

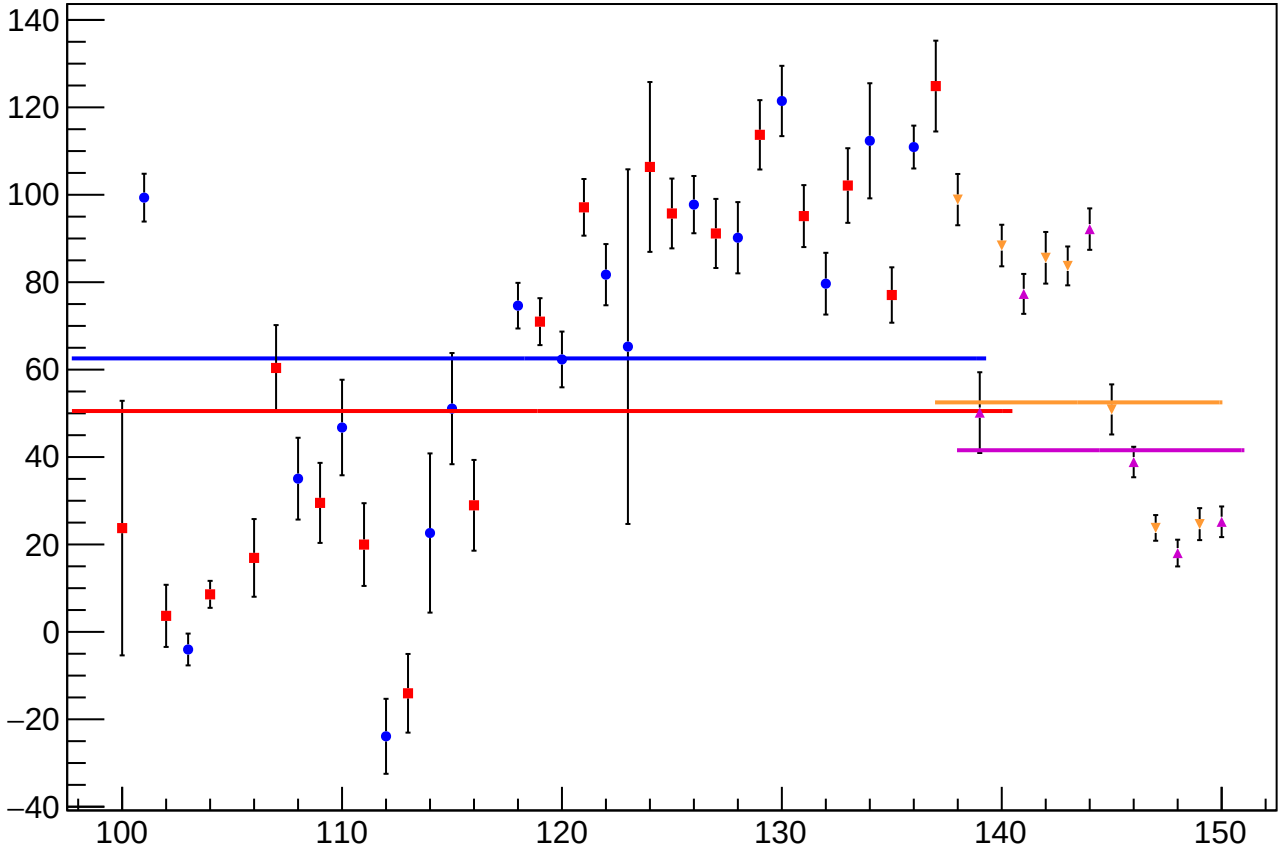
Left In: 332.614+/-1.995 χ^2/NDF:171.3/5

+ sign 297.766+/-1.559 χ^2/NDF: 8364.1/23

All: 301.098+/-1.099 χ^2/NDF: 17256.6/48

- sign 304.386+/-1.549 χ^2/NDF: 8883.4/24

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 52.507+/-1.636 χ^2/NDF:353.7/6

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

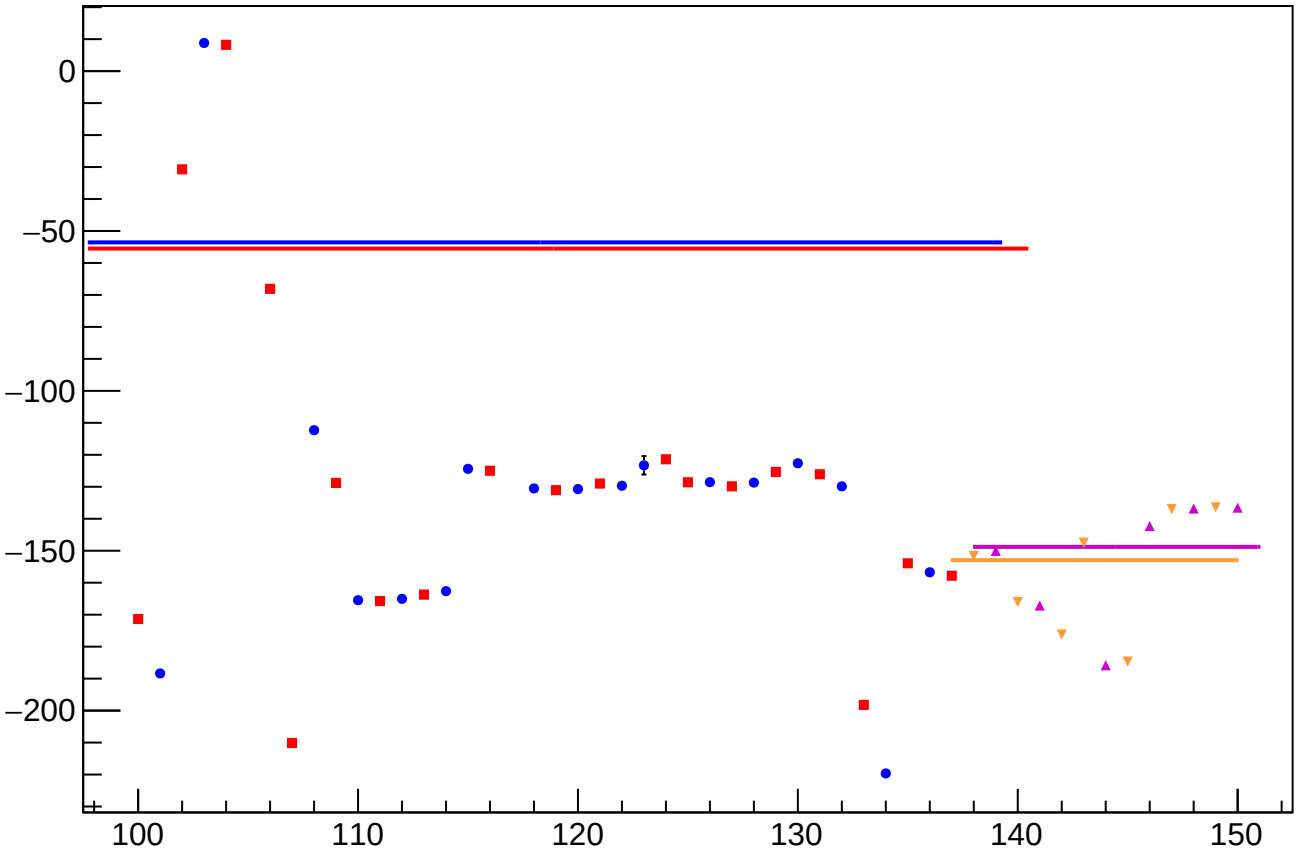
Left In: 41.559+/-1.634 χ^2/NDF:257.6/5

+ sign 57.409+/-1.172 χ^2/NDF: 1094.5/23

All: 51.651+/-0.824 χ^2/NDF: 2071.9/48

- sign 46.017+/-1.159 χ^2/NDF: 929.5/24

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -152.947+/-0.085 χ^2/NDF:39121.2/6

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

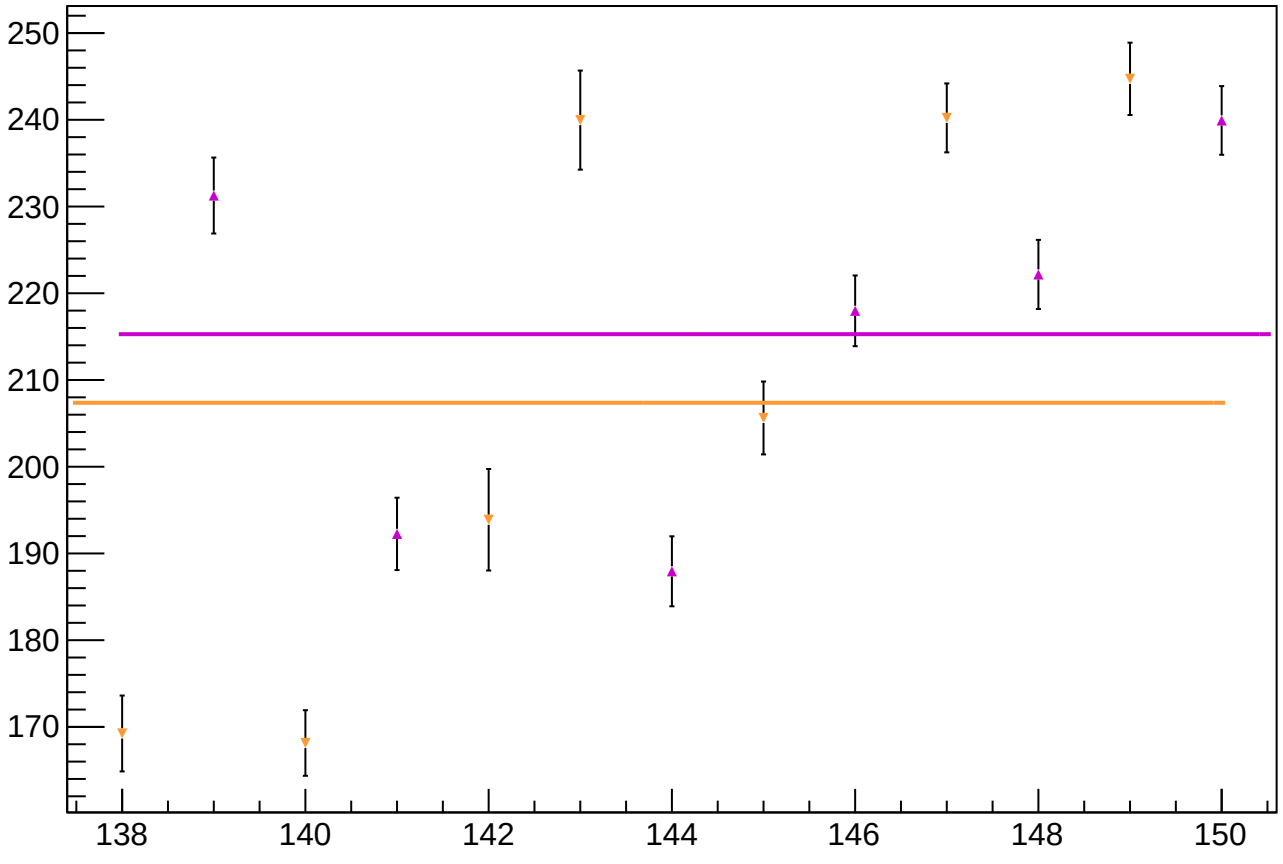
Left In: -148.795+/-0.083 χ^2/NDF:36559.3/5

+ sign -93.669+/-0.054 χ^2/NDF: 2076355.9/23

All: -94.481+/-0.038 χ^2/NDF: 3801046.0/48

- sign -95.298+/-0.054 χ^2/NDF: 1724240.7/24

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 207.374+/-1.668 χ^2/NDF:370.1/6

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

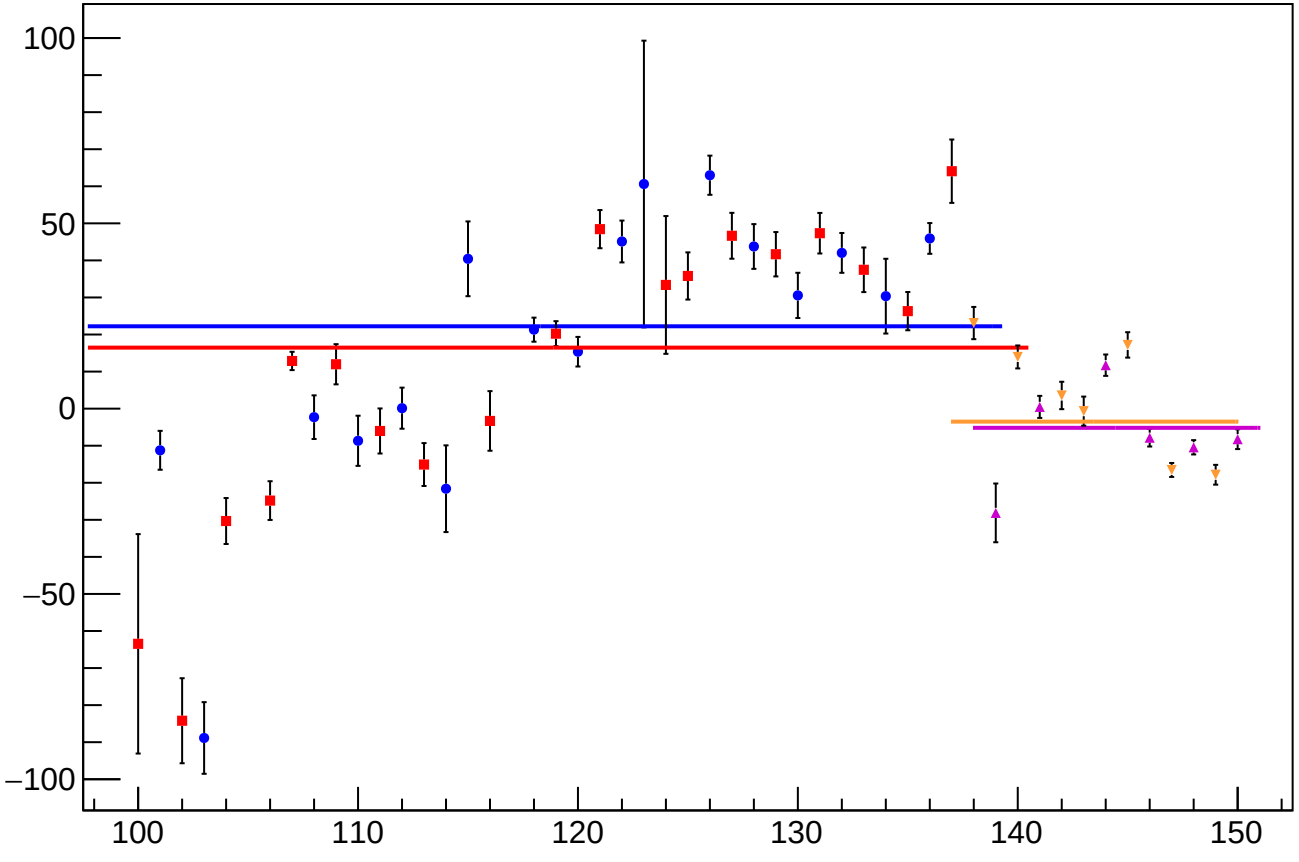
Left In: 215.282+/-1.671 χ^2/NDF:131.9/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 211.320+/-1.181 χ^2/NDF: 513.2/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: -3.503+/-1.117 χ^2/NDF:186.5/6

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

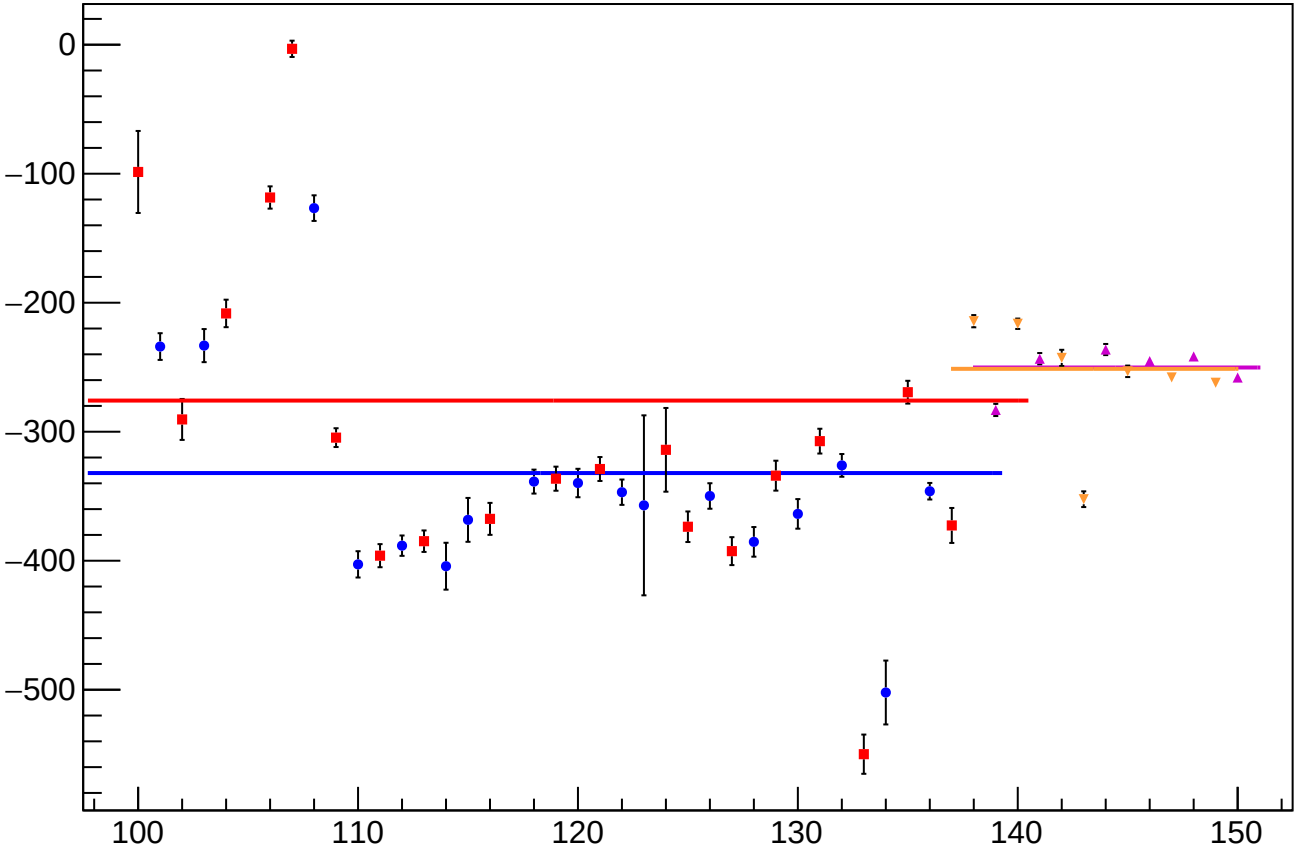
Left In: -5.179+/-1.095 χ^2/NDF:56.4/5

+ sign 6.731+/-0.867 χ^2/NDF: 783.2/23

All: 5.494+/-0.595 χ^2/NDF: 1442.2/48

- sign 4.392+/-0.818 χ^2/NDF: 655.1/24

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -251.245+/-1.697 χ^2/NDF:423.5/6

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

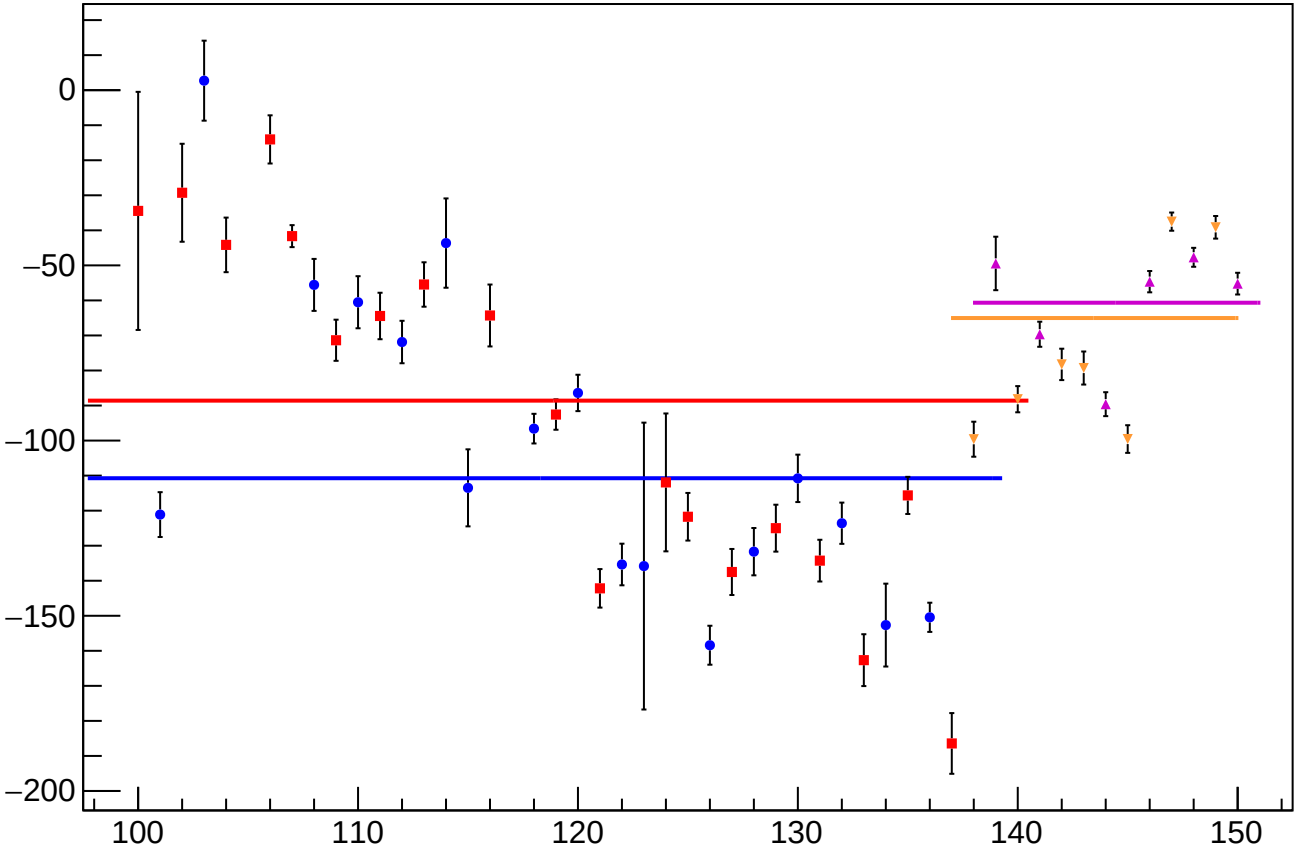
Left In: -250.222+/-1.668 χ^2/NDF:72.2/5

+ sign -275.880+/-1.415 χ^2/NDF: 1899.7/23

All: -267.041+/-0.979 χ^2/NDF: 5489.9/48

- sign -258.932+/-1.355 χ^2/NDF: 3515.4/24

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -65.028+/-1.394 χ^2/NDF:357.3/6

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

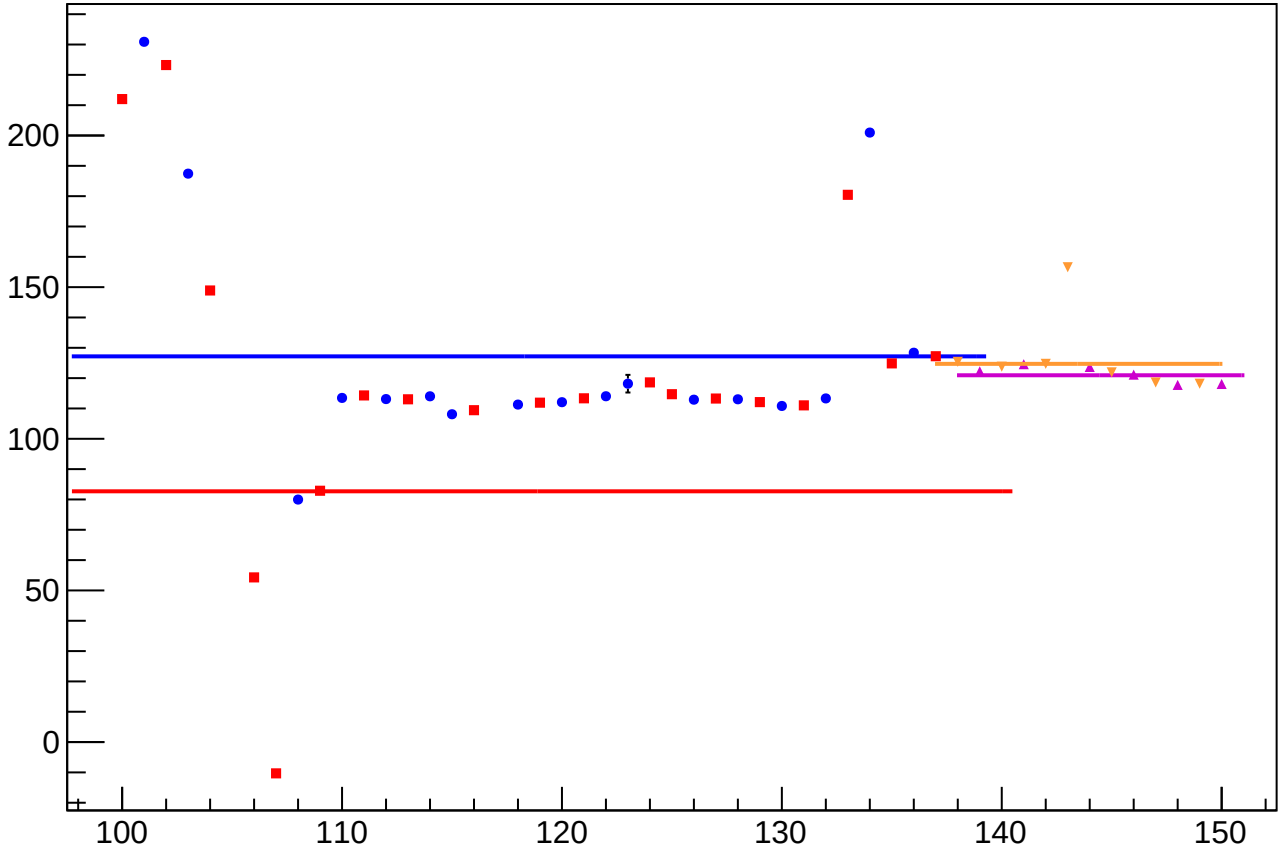
Left In: -60.657+/-1.373 χ^2/NDF:110.4/5

+ sign -85.068+/-1.044 χ^2/NDF: 1342.4/23

All: -79.260+/-0.719 χ^2/NDF: 2679.2/48

- sign -74.021+/-0.992 χ^2/NDF: 1278.0/24

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 124.708+/-0.072 χ^2/NDF:19949.1/6

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

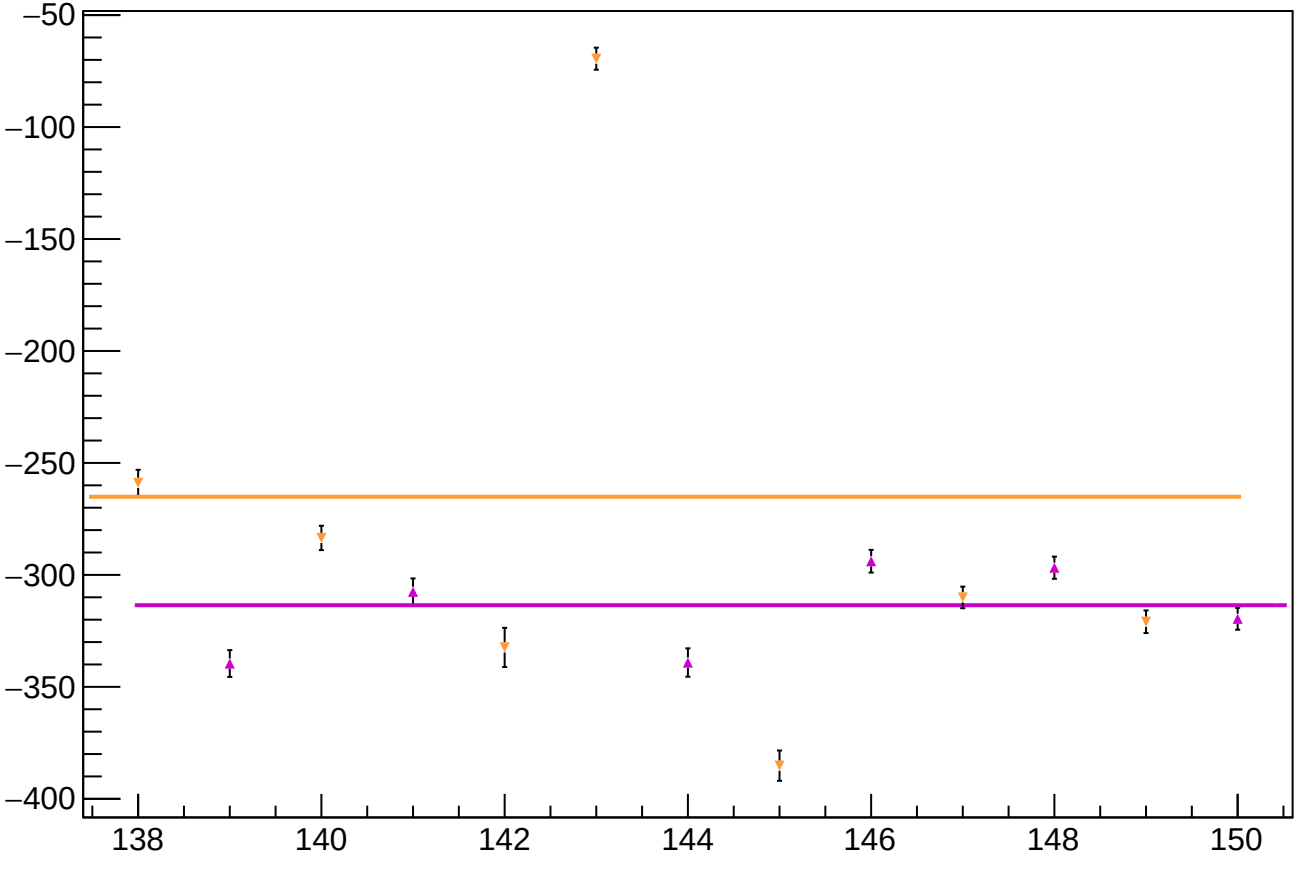
Left In: 120.947+/-0.070 χ^2/NDF:1422.8/5

+ sign 125.684+/-0.056 χ^2/NDF: 208466.2/23

All: 113.491+/-0.038 χ^2/NDF: 1201944.3/48

- sign 103.313+/-0.051 χ^2/NDF: 906351.1/24

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -265.101+/-2.123 χ^2/NDF:2174.9/6

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

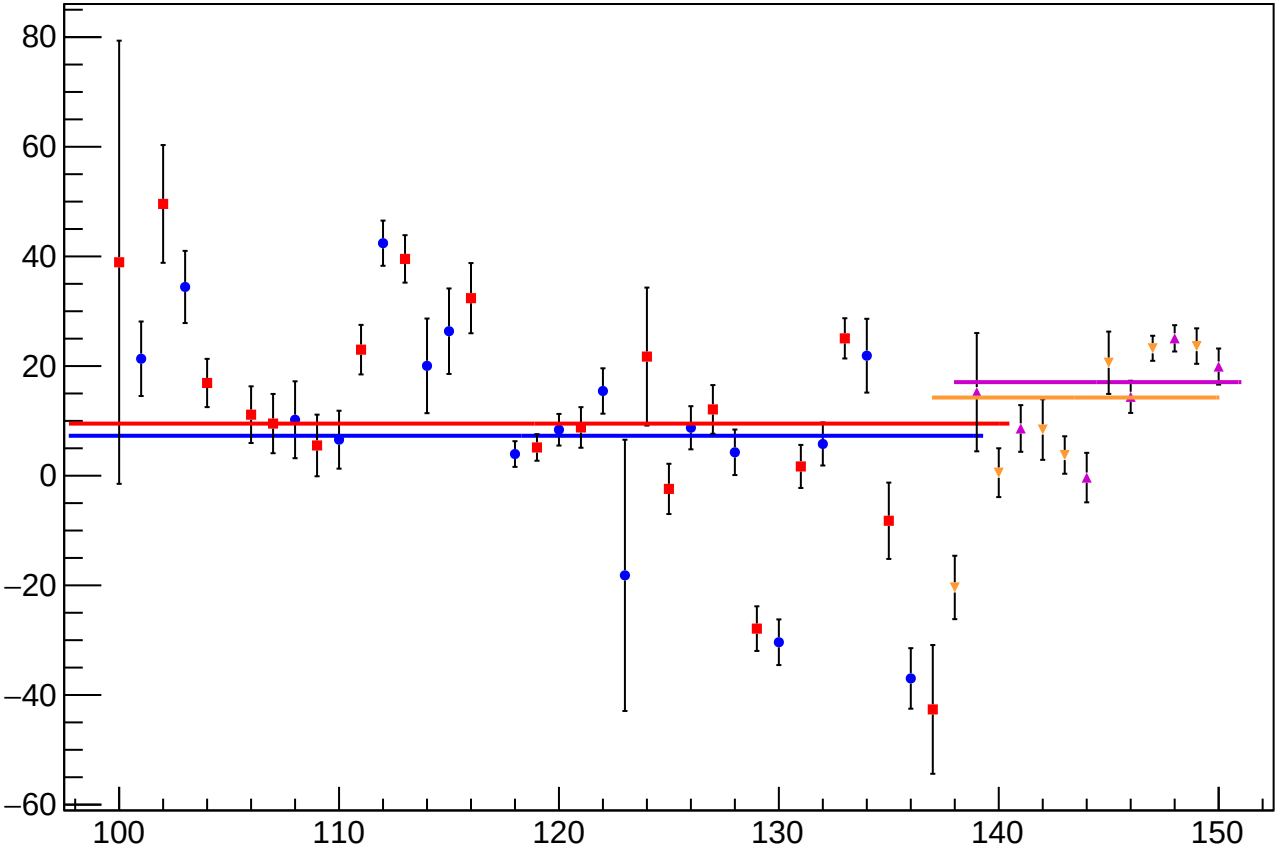
Left In: -313.536+/-2.222 χ^2/NDF:64.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -288.215+/-1.535 χ^2/NDF: 2487.5/12

- 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: 14.260+/-1.391 χ^2/NDF:81.0/6

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

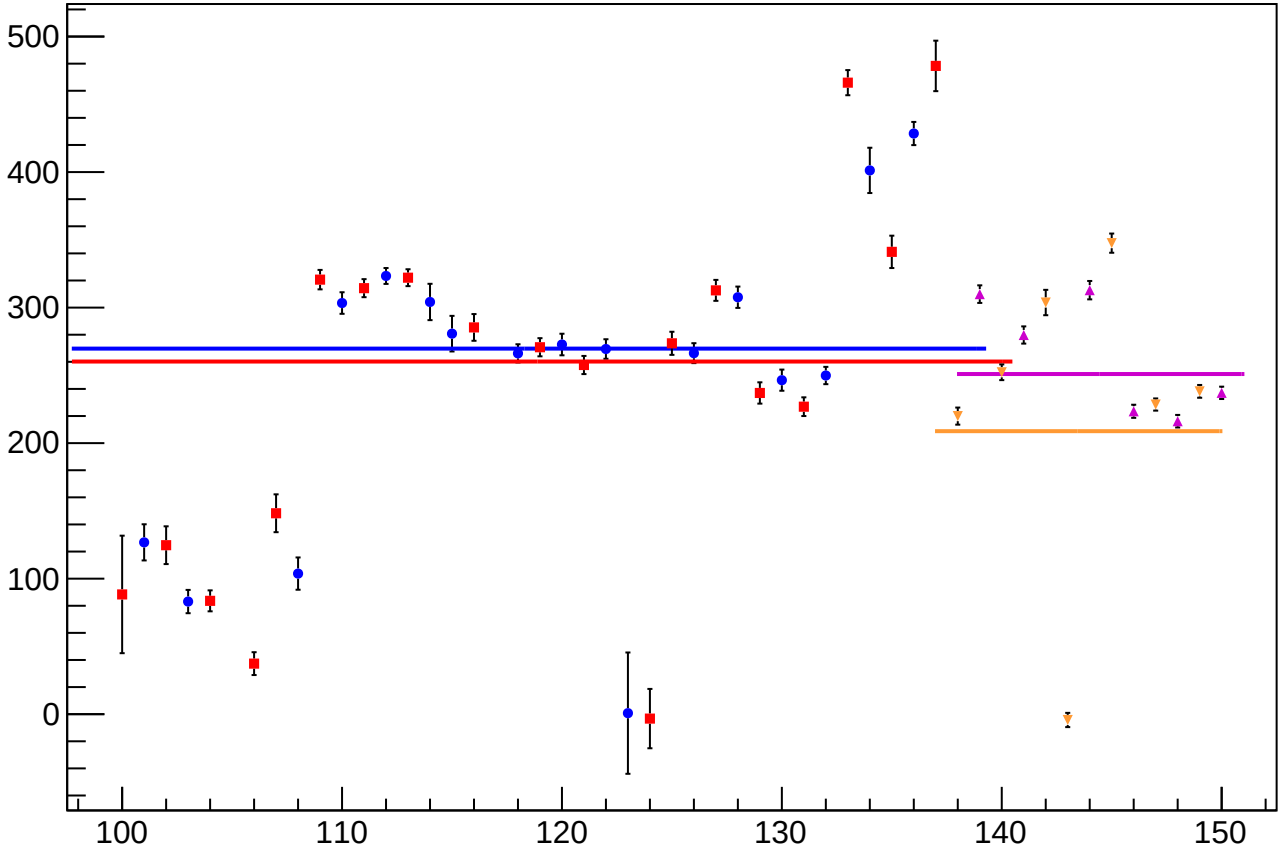
Left In: 17.070+/-1.422 χ^2/NDF:31.5/5

+ sign 9.919+/-0.855 χ^2/NDF: 357.7/23

All: 11.084+/-0.605 χ^2/NDF: 642.5/48

- sign 12.256+/-0.857 χ^2/NDF: 281.1/24

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 208.826+/-2.148 χ^2/NDF:2247.8/6

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

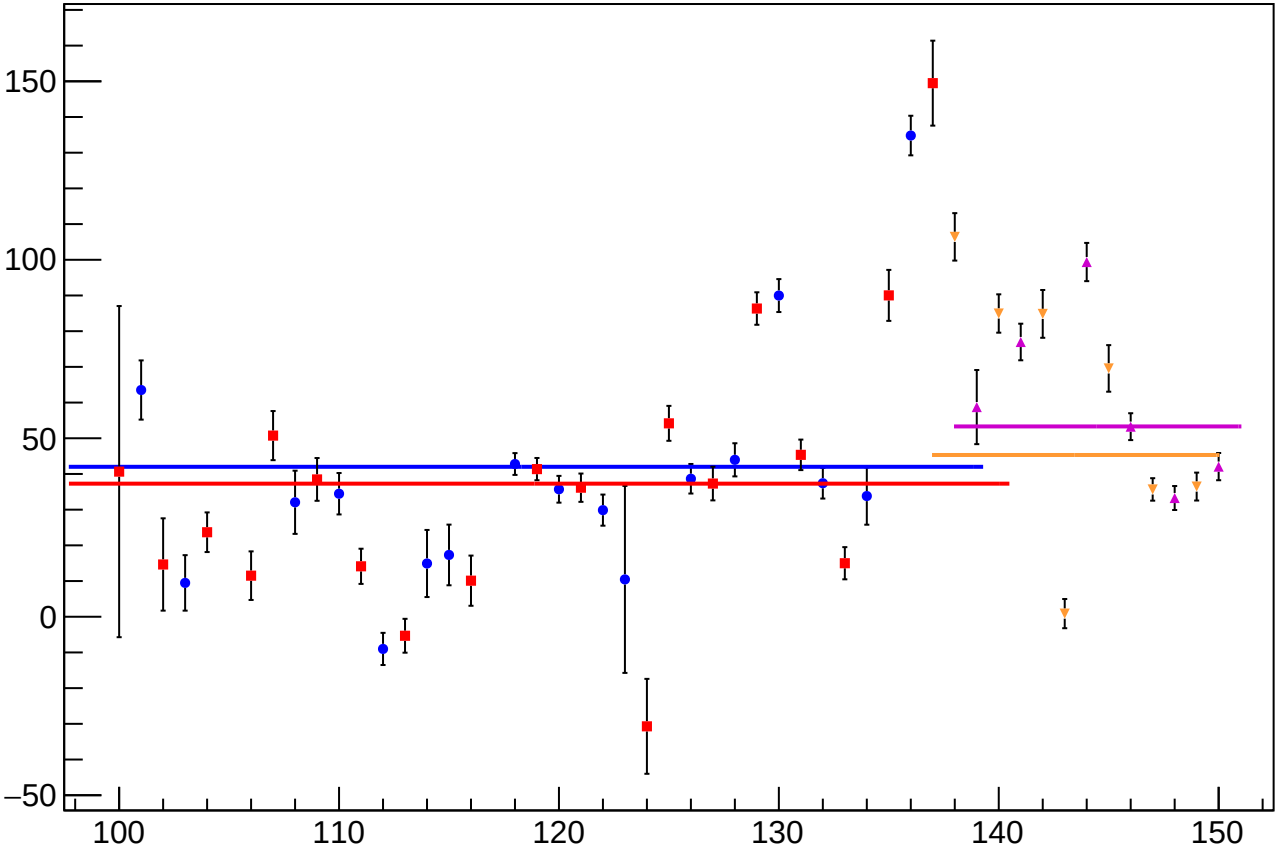
Left In: 250.990+/-2.196 χ^2/NDF:284.1/5

+ sign 240.391+/-1.491 χ^2/NDF: 4038.8/23

All: 248.348+/-1.047 χ^2/NDF: 6930.3/48

- sign 256.077+/-1.469 χ^2/NDF: 2835.4/24

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 45.317+/-1.743 χ^2/NDF:320.2/6

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

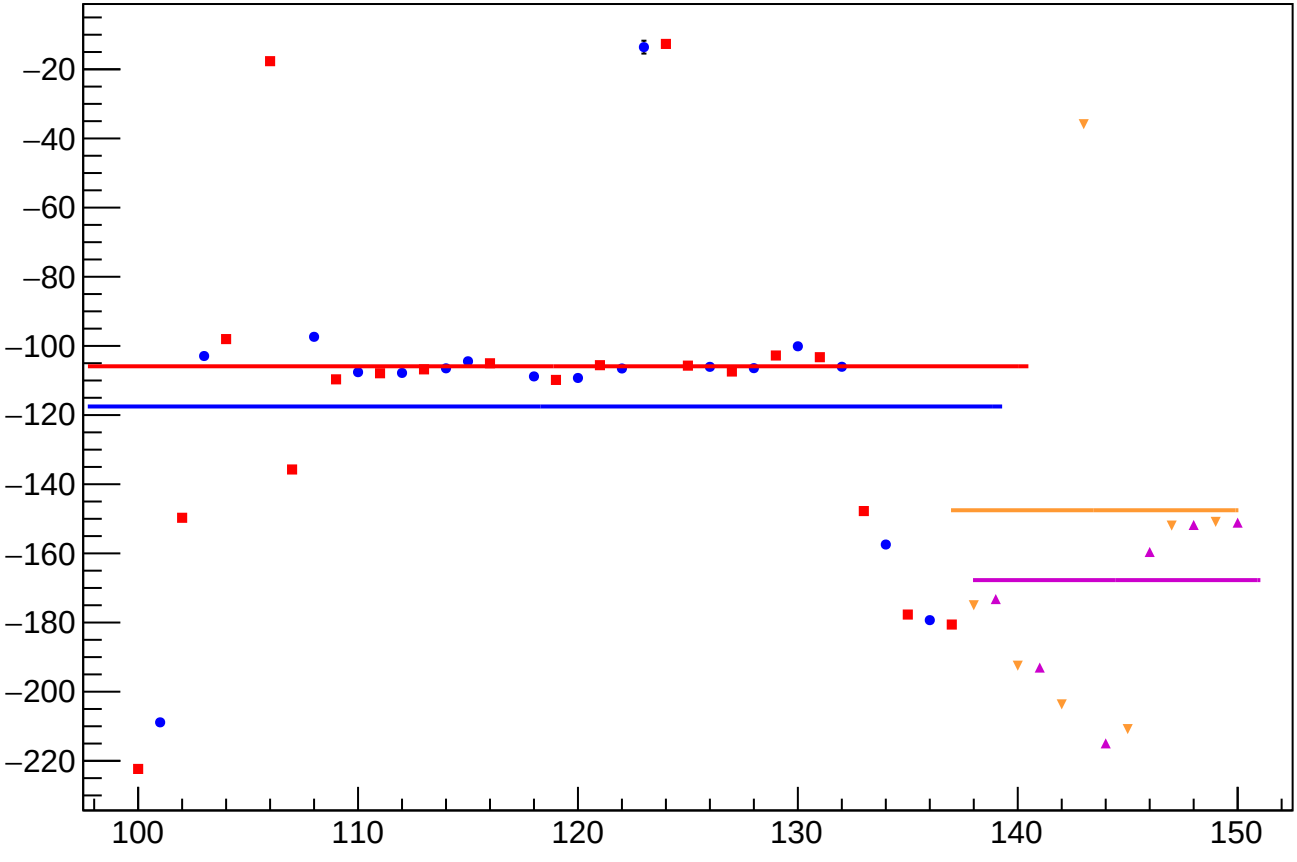
Left In: 53.315+/-1.795 χ^2/NDF:139.9/5

+ sign 43.137+/-1.019 χ^2/NDF: 898.1/23

All: 42.791+/-0.720 χ^2/NDF: 1564.9/48

- sign 42.445+/-1.019 χ^2/NDF: 666.6/24

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -147.528+/-0.091 χ^2/NDF:399295.1/6

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

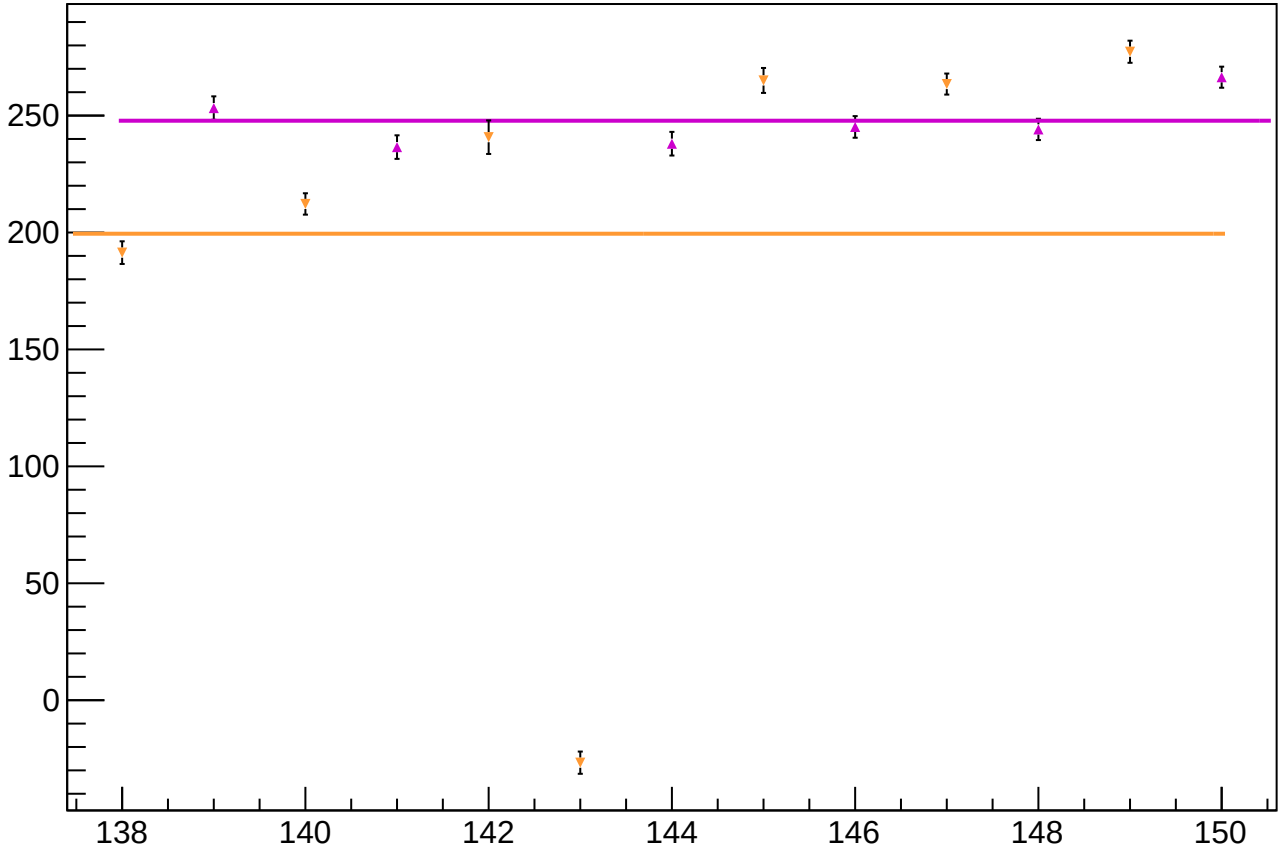
Left In: -167.732+/-0.092 χ^2/NDF:50826.7/5

+ sign -130.182+/-0.059 χ^2/NDF: 603790.1/23

All: -129.947+/-0.041 χ^2/NDF: 1257092.3/48

- sign -129.729+/-0.057 χ^2/NDF: 653272.0/24

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 199.481+/-1.879 χ^2/NDF:2930.7/6

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

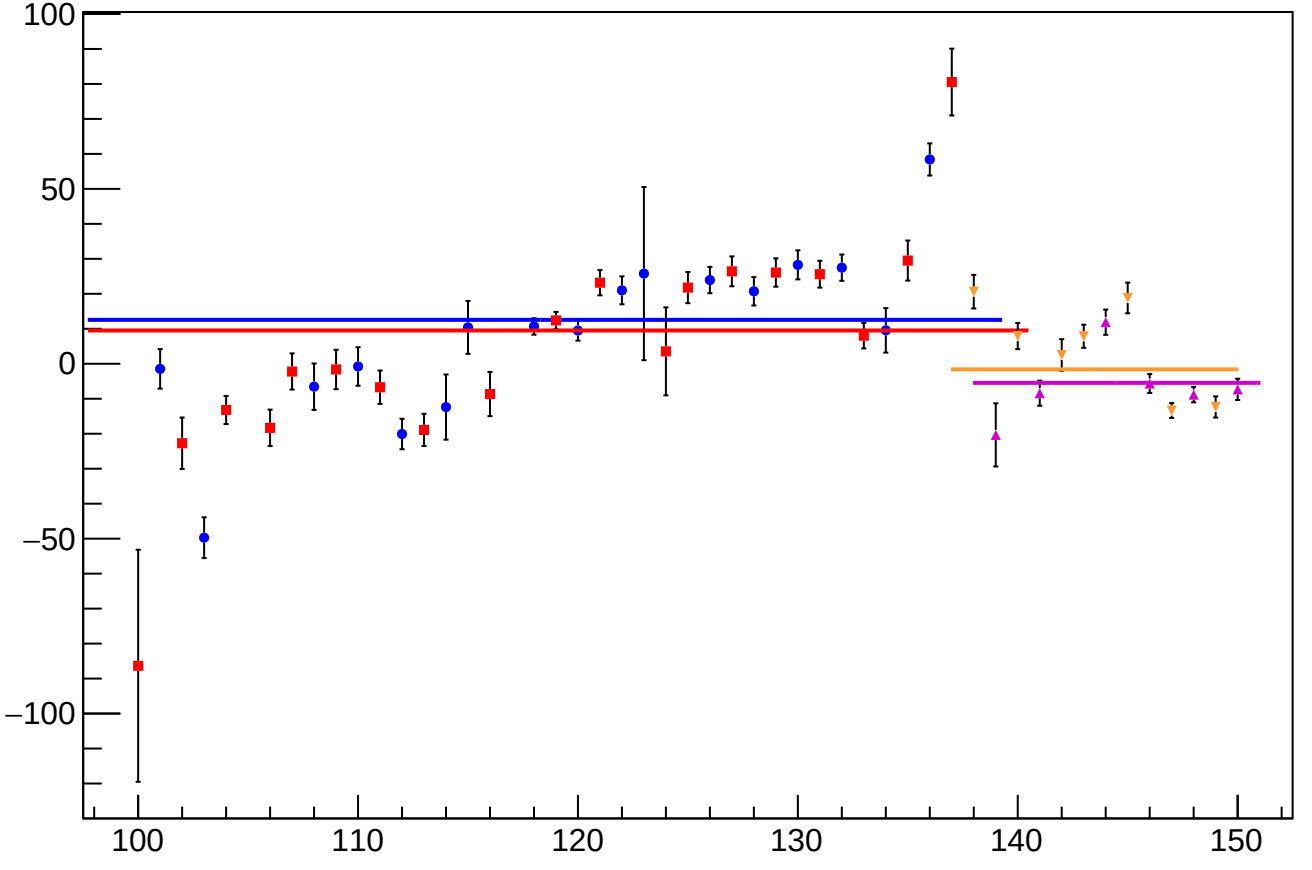
Left In: 247.804+/-1.952 χ^2/NDF:28.0/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 222.717+/-1.354 χ^2/NDF: 3276.8/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561+/-1.056 χ^2/NDF: 347.7/16

Left Out: -1.597+/-1.255 χ^2/NDF:101.5/6

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

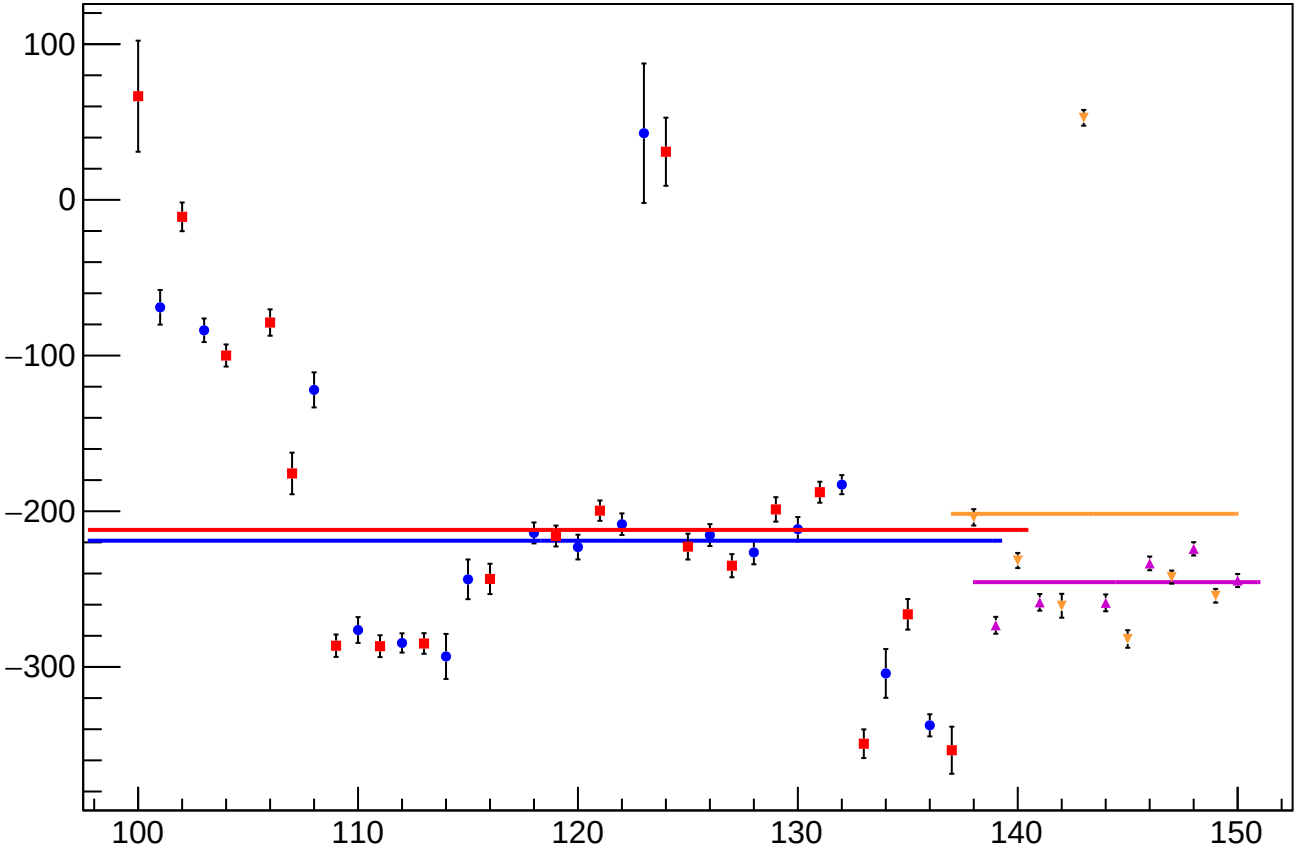
Left In: -5.452+/-1.273 χ^2/NDF:29.2/5

+ sign 6.693+/-0.808 χ^2/NDF: 523.8/23

All: 5.079+/-0.572 χ^2/NDF: 939.6/48

- sign 3.455+/-0.810 χ^2/NDF: 407.7/24

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -201.645+/-1.912 χ^2/NDF:3047.5/6

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

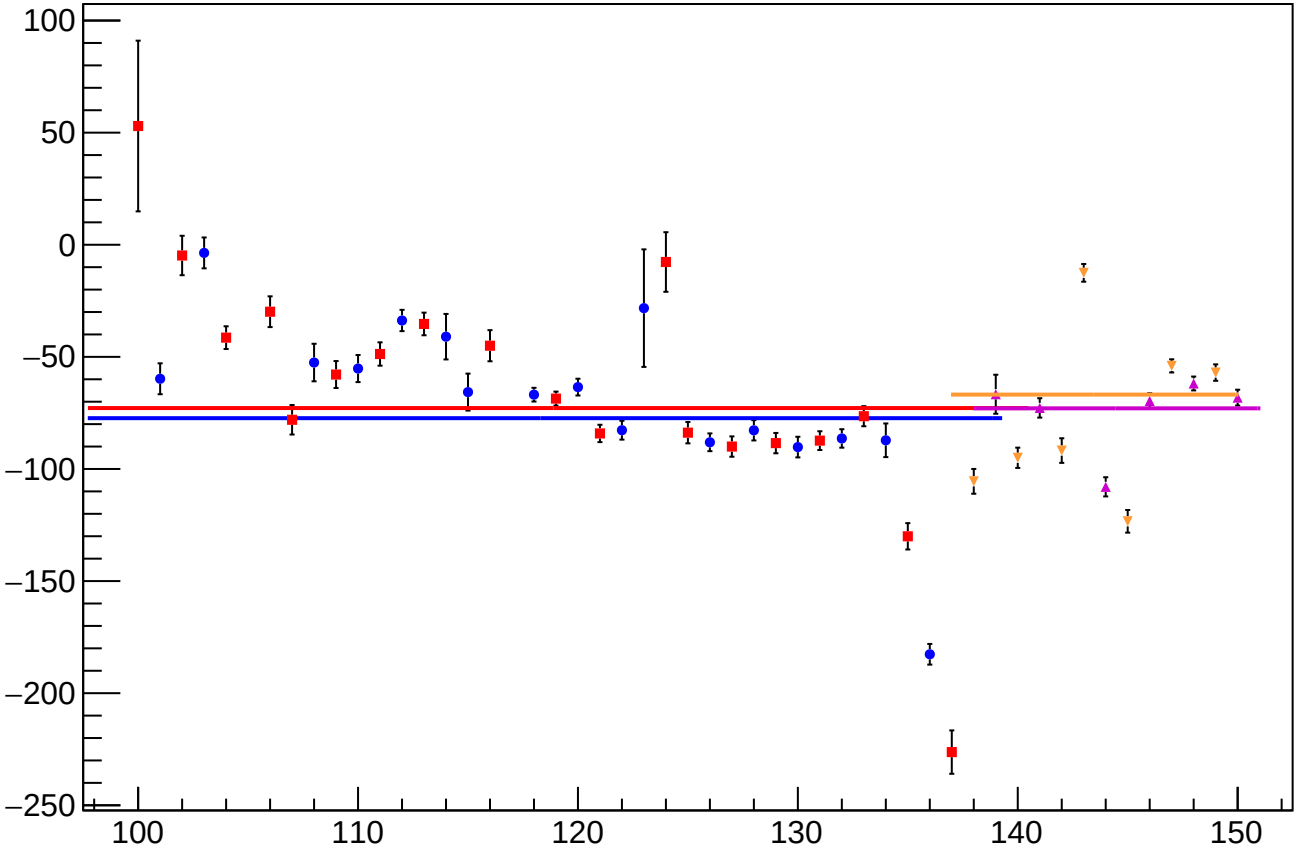
Left In: -245.528+/-1.942 χ^2/NDF:70.6/5

+ sign -209.872+/-1.384 χ^2/NDF: 4233.0/23

All: -219.352+/-0.973 χ^2/NDF: 6433.1/48

- sign -228.597+/-1.367 χ^2/NDF: 2107.5/24

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -66.829+/-1.565 χ^2/NDF:448.8/6

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

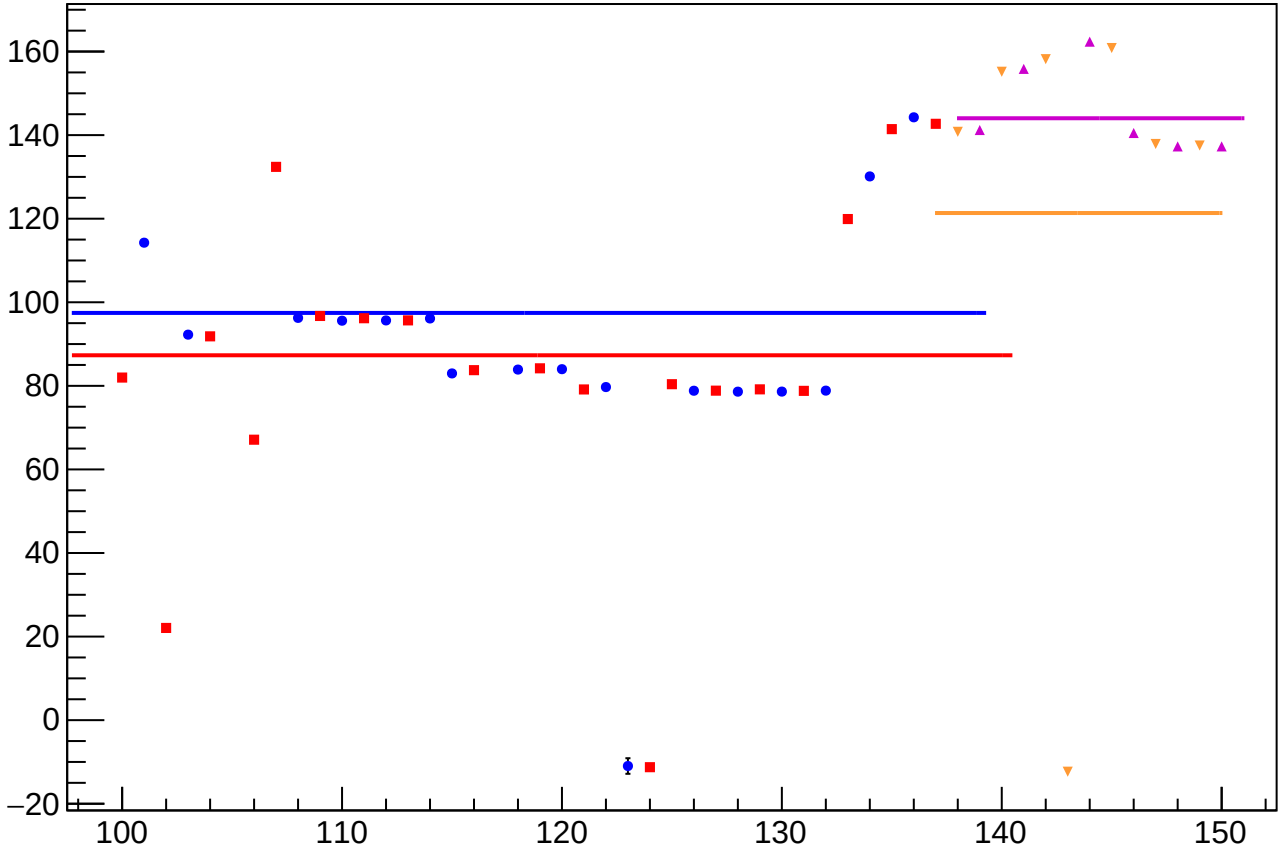
Left In: -72.960+/-1.601 χ^2/NDF:83.1/5

+ sign -73.371+/-0.962 χ^2/NDF: 1294.1/23

All: -73.126+/-0.681 χ^2/NDF: 2050.3/48

- sign -72.881+/-0.964 χ^2/NDF: 756.0/24

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 121.356+/-0.081 χ^2/NDF:527224.9/6

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

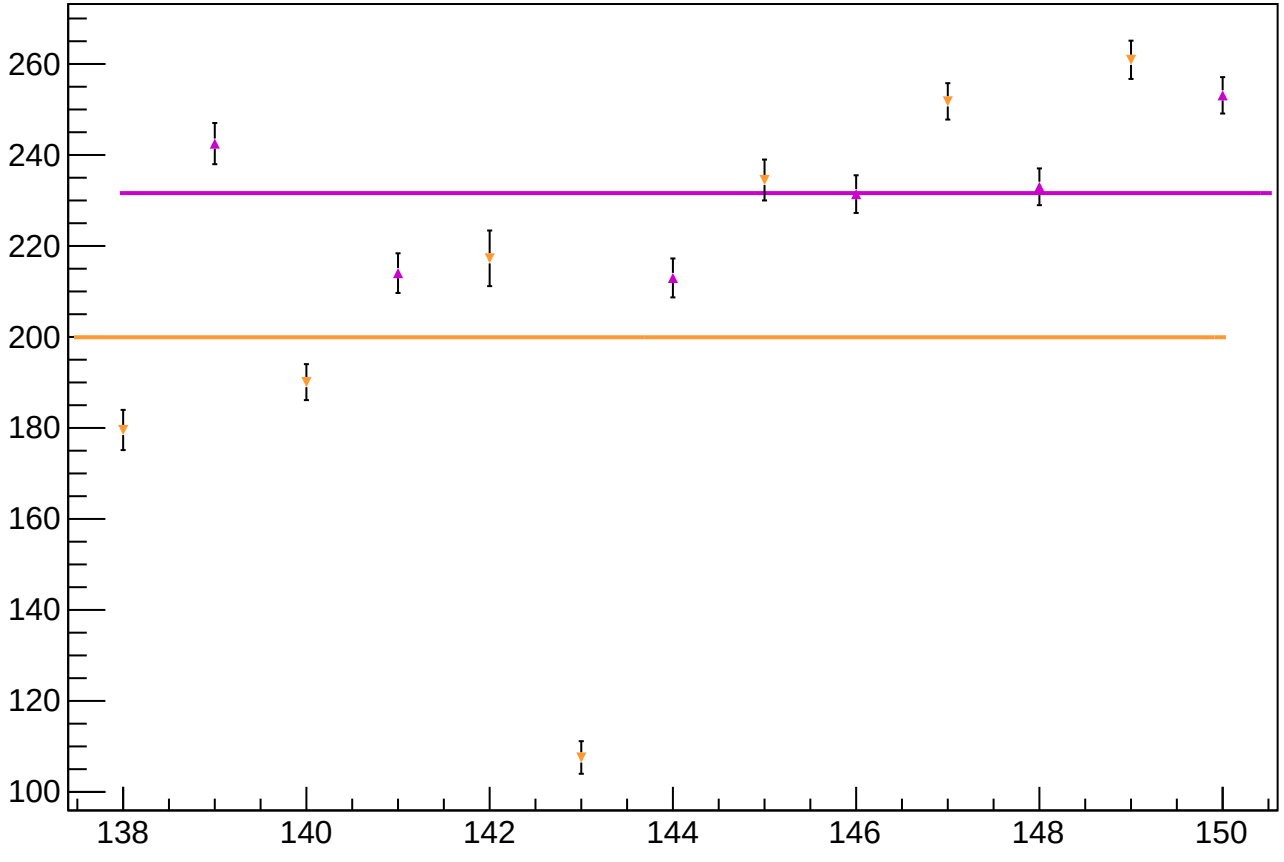
Left In: 144.034+/-0.081 χ^2/NDF:12306.8/5

+ sign 108.222+/-0.054 χ^2/NDF: 669666.5/23

All: 109.595+/-0.038 χ^2/NDF: 1191860.4/48

- sign 110.864+/-0.052 χ^2/NDF: 520964.1/24

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: 199.934+/-1.605 χ^2/NDF:1136.7/6

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

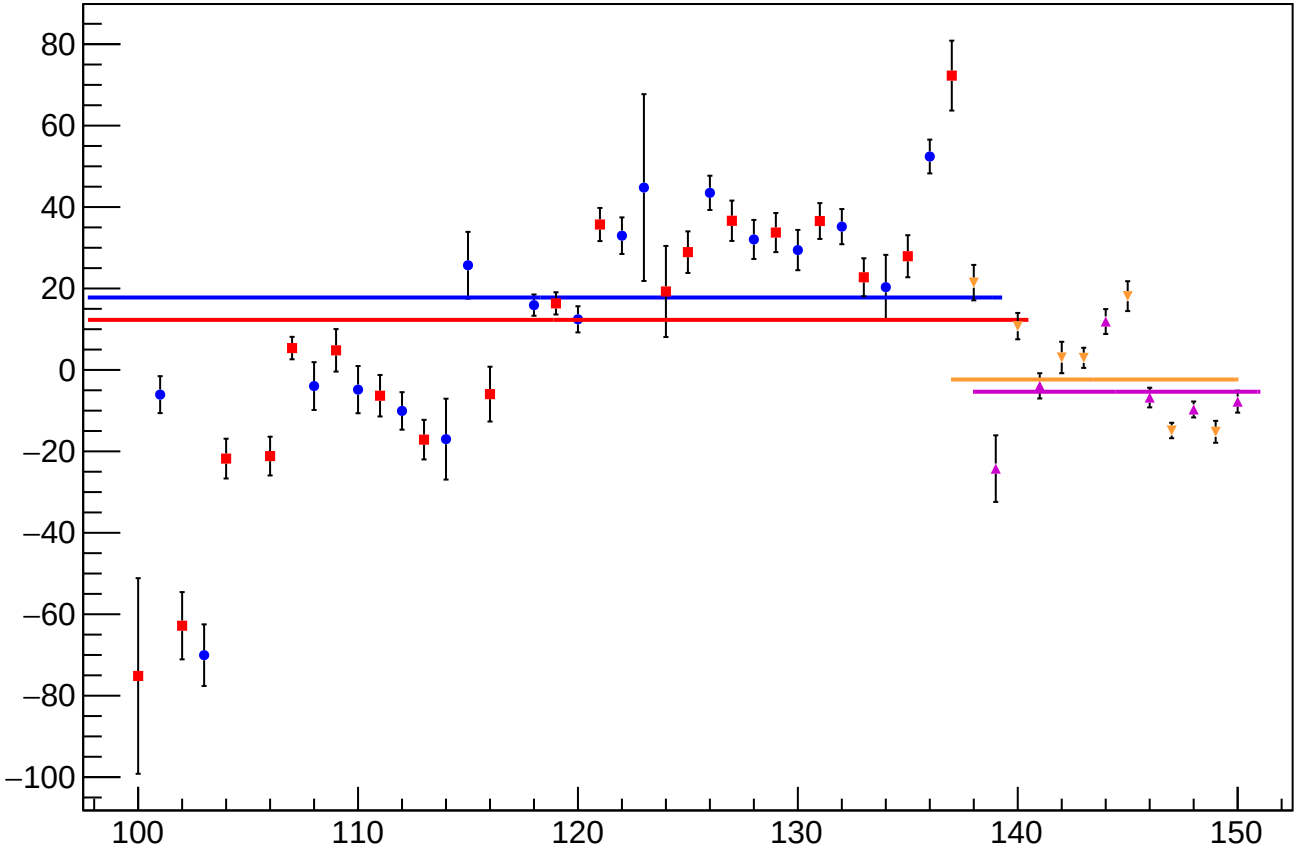
Left In: 231.621+/-1.719 χ^2/NDF:70.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 214.686+/-1.173 χ^2/NDF: 1388.3/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786+/-1.146 χ^2/NDF: 395.1/16

Left Out: -2.353+/-1.073 χ^2/NDF:150.5/6

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

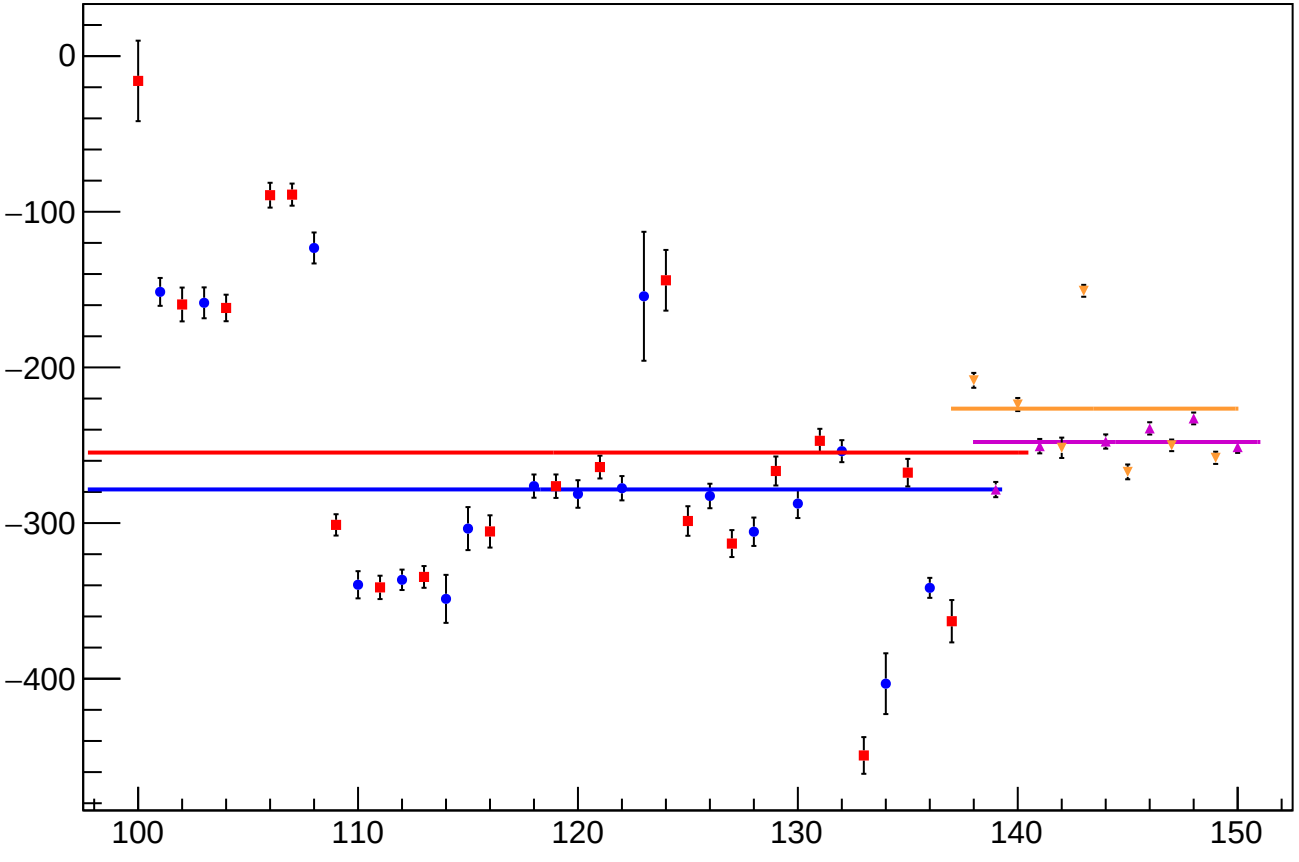
Left In: -5.356+/-1.121 χ^2/NDF:43.6/5

+ sign 7.047+/-0.783 χ^2/NDF: 710.1/23

All: 5.390+/-0.553 χ^2/NDF: 1334.3/48

- sign 3.747+/-0.780 χ^2/NDF: 615.2/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393+/-2.168 χ^2/NDF: 910.5/16

Left Out: -226.485+/-1.639 χ^2/NDF:598.2/6

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

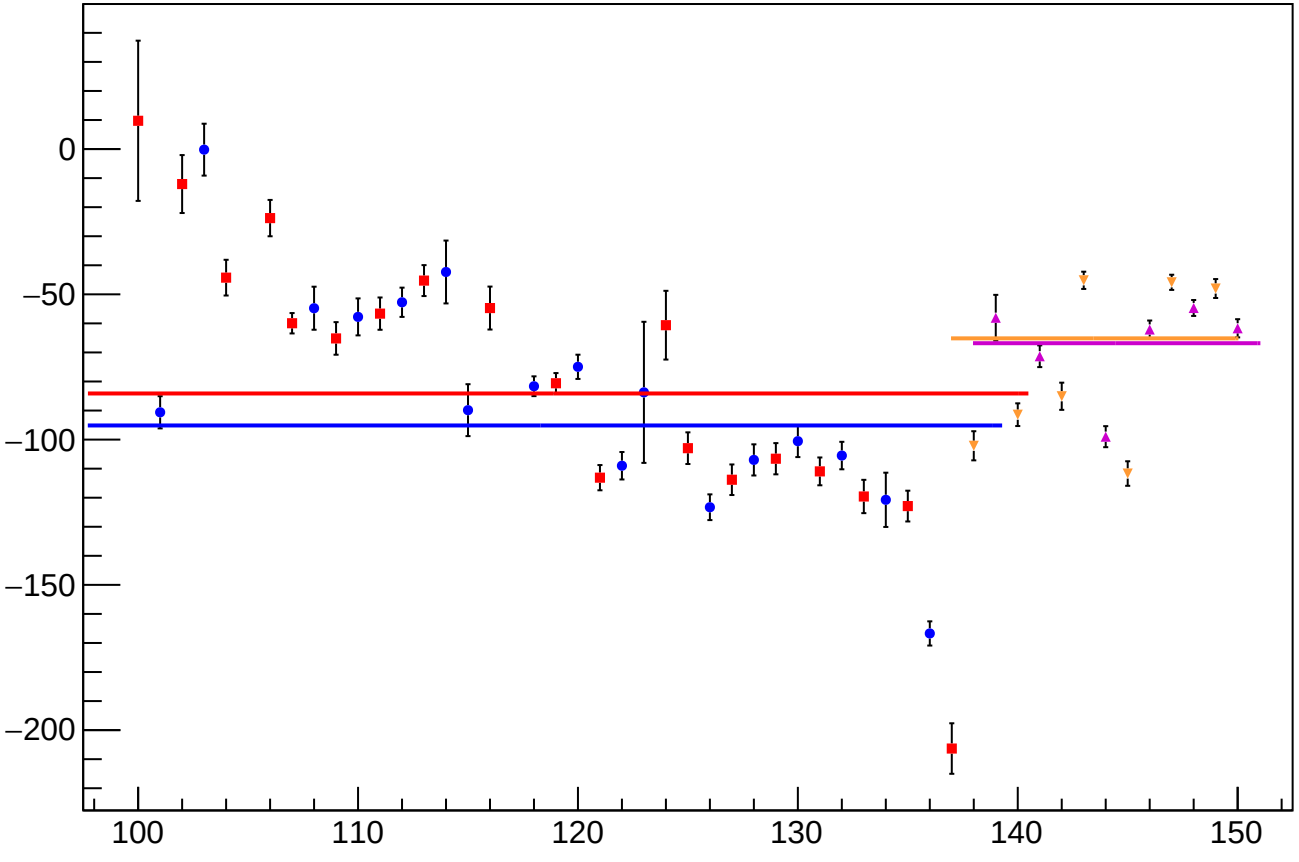
Left In: -247.918+/-1.712 χ^2/NDF:60.9/5

+ sign -245.369+/-1.307 χ^2/NDF: 1873.6/23

All: -248.064+/-0.924 χ^2/NDF: 3988.1/48

- sign -250.754+/-1.306 χ^2/NDF: 2106.0/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -65.153+/-1.335 χ^2/NDF:366.8/6

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

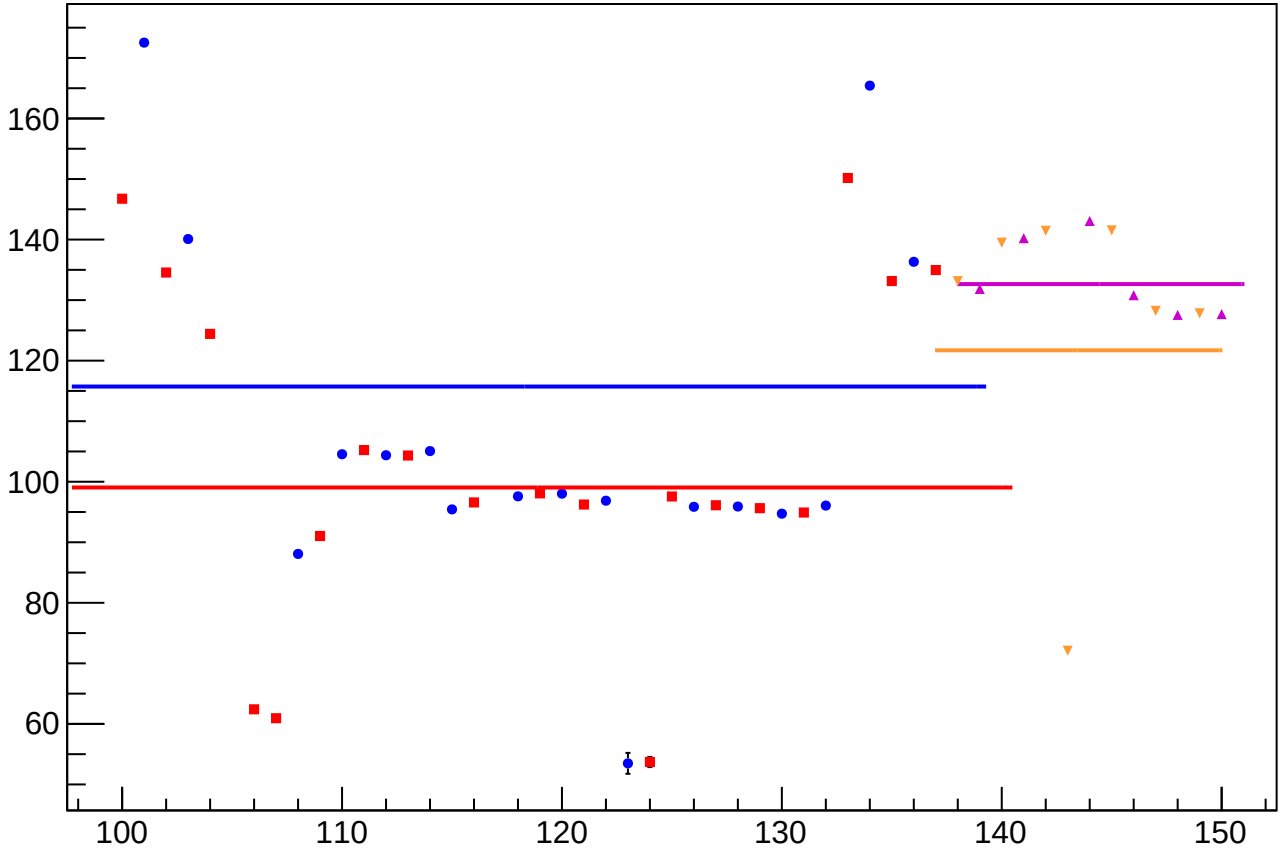
Left In: -66.824+/-1.408 χ^2/NDF:106.3/5

+ sign -80.280+/-0.939 χ^2/NDF: 1296.3/23

All: -78.358+/-0.664 χ^2/NDF: 2277.8/48

- sign -76.440+/-0.938 χ^2/NDF: 973.1/24

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: 121.713+/-0.069 χ^2/NDF:137017.3/6

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

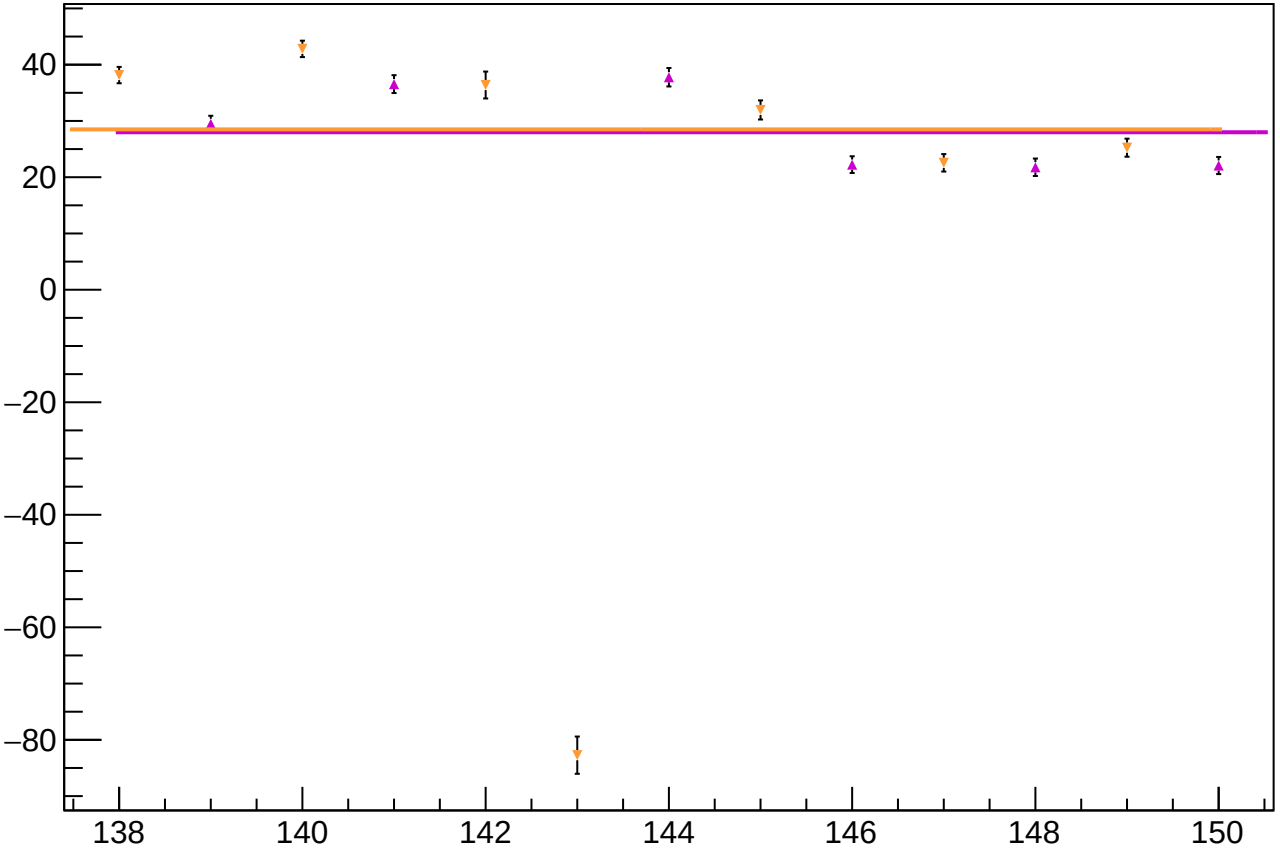
Left In: 132.646+/-0.072 χ^2/NDF:6460.9/5

+ sign 119.076+/-0.052 χ^2/NDF: 246707.1/23

All: 117.012+/-0.036 χ^2/NDF: 544773.6/48

- sign 115.126+/-0.049 χ^2/NDF: 295021.4/24

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: 28.500+/-0.651 χ^2/NDF:1302.9/6

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

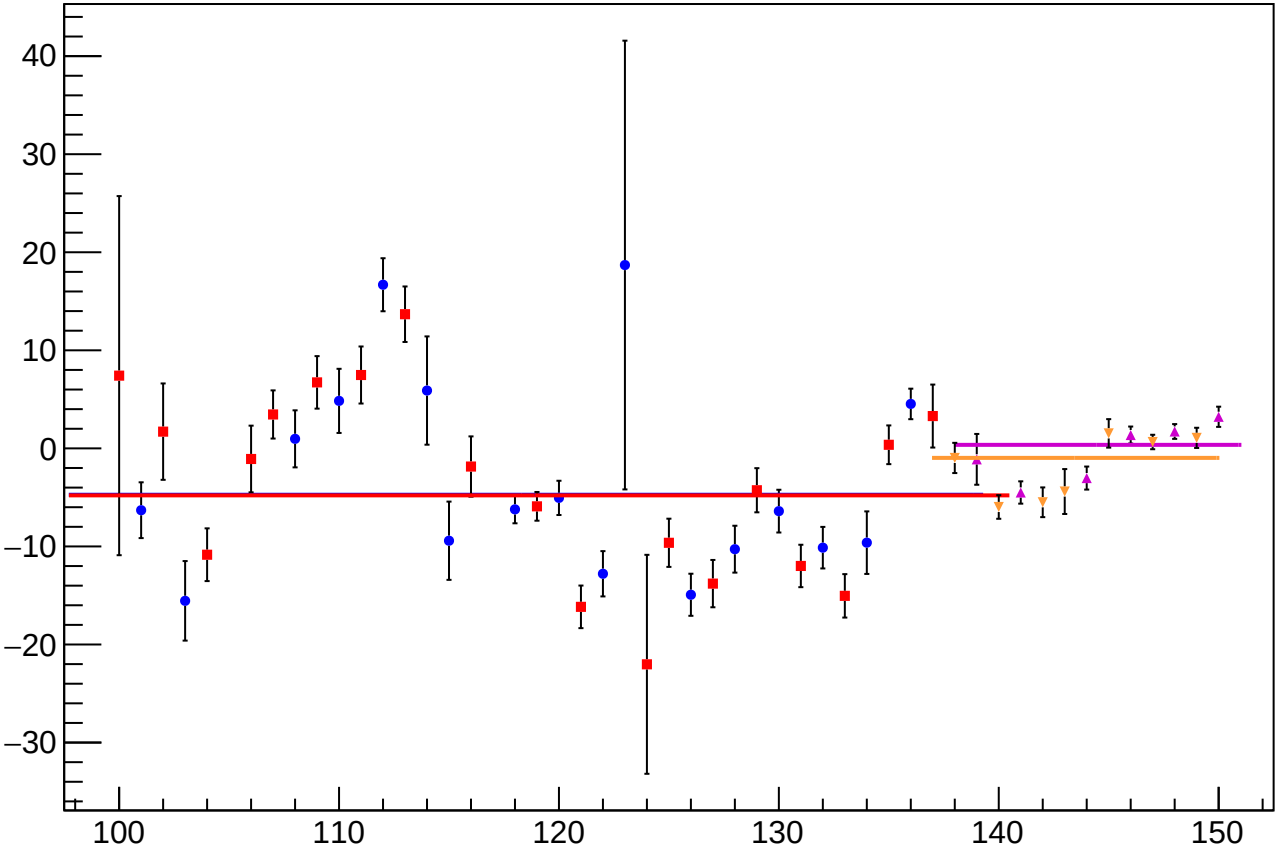
Left In: 27.991+/-0.626 χ^2/NDF:111.8/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 28.236+/-0.451 χ^2/NDF: 1415.0/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -0.969+/-0.448 χ^2/NDF:40.2/6

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

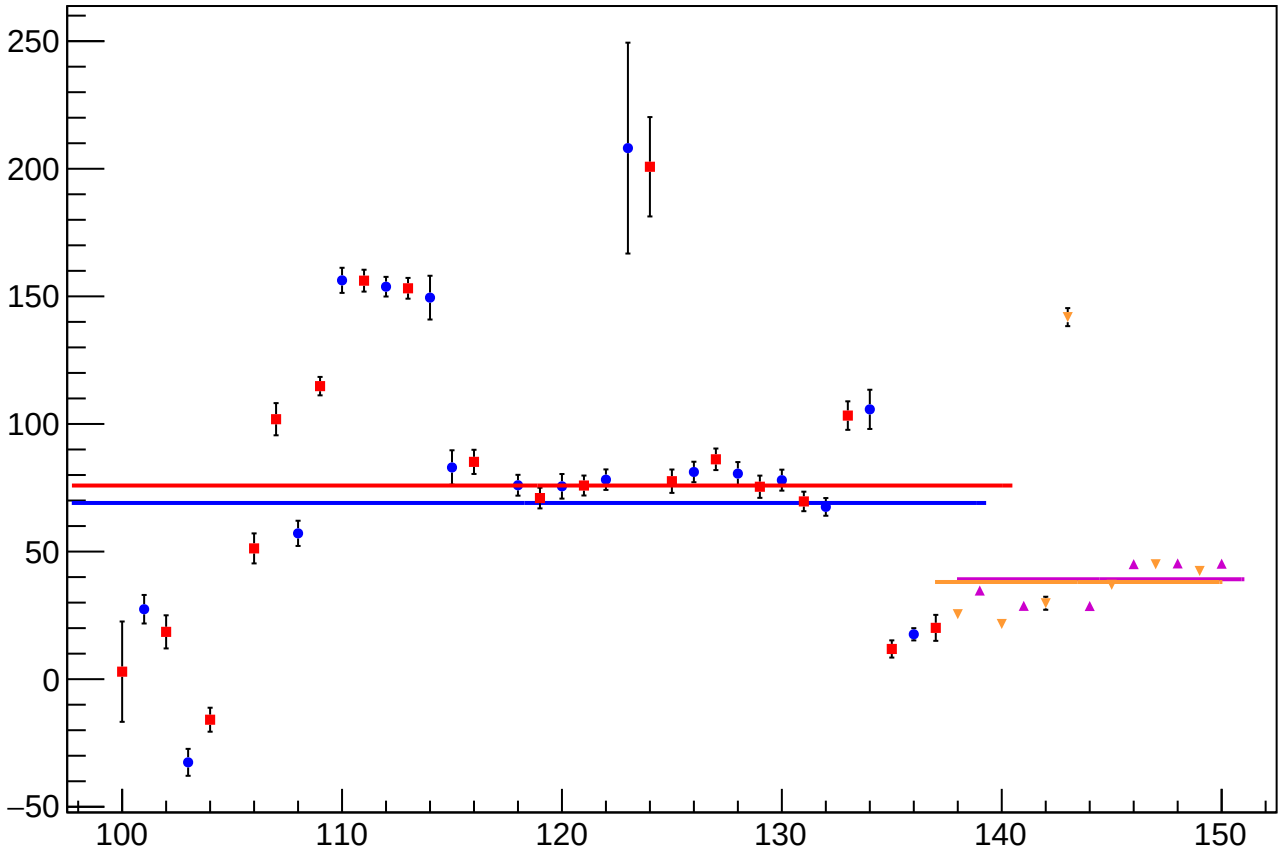
Left In: 0.359+/-0.420 χ^2/NDF:39.2/5

+ sign -2.374+/-0.354 χ^2/NDF: 241.4/23

All: -1.863+/-0.246 χ^2/NDF: 529.2/48

- sign -1.389+/-0.341 χ^2/NDF: 283.8/24

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: 38.083+/-0.661 χ^2/NDF:1081.2/6

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

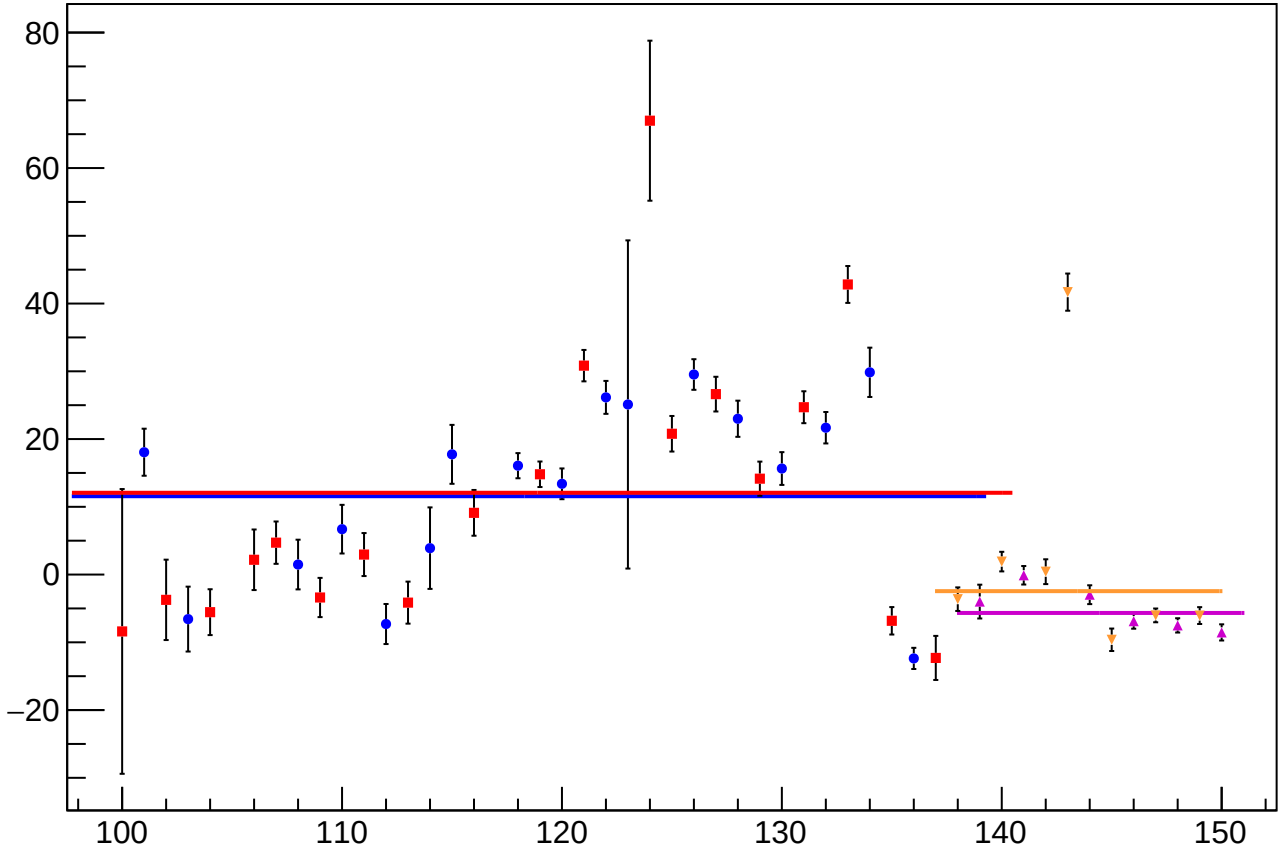
Left In: 39.153+/-0.626 χ^2/NDF:135.8/5

+ sign 46.558+/-0.563 χ^2/NDF: 3529.8/23

All: 47.581+/-0.390 χ^2/NDF: 6445.3/48

- sign 48.521+/-0.540 χ^2/NDF: 2909.2/24

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: -2.448+/-0.557 χ^2/NDF:310.5/6

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

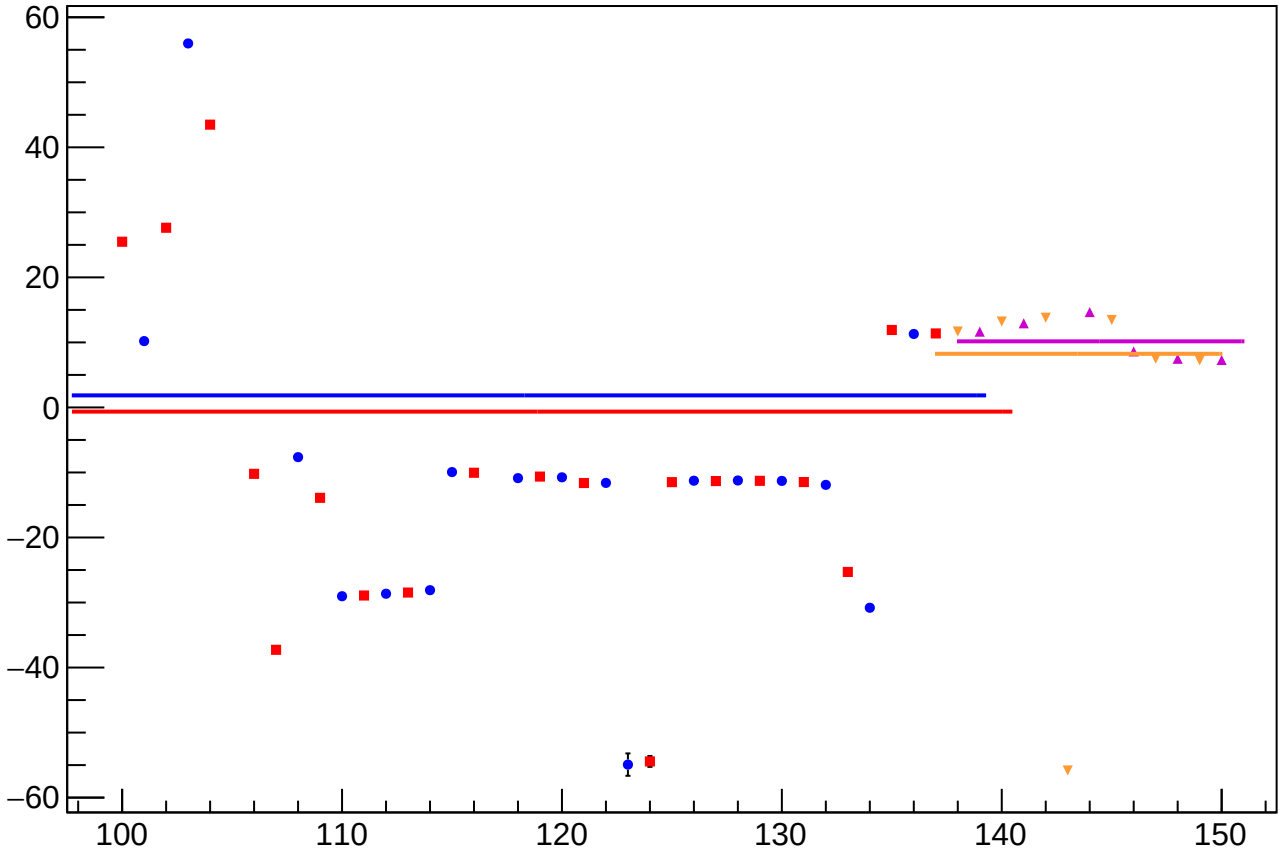
Left In: -5.666+/-0.525 χ^2/NDF:30.8/5

+ sign 3.400+/-0.425 χ^2/NDF: 1052.8/23

All: 2.241+/-0.296 χ^2/NDF: 2079.9/48

- sign 1.153+/-0.412 χ^2/NDF: 1012.7/24

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: 8.247+/-0.028 χ^2/NDF:222242.9/6

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

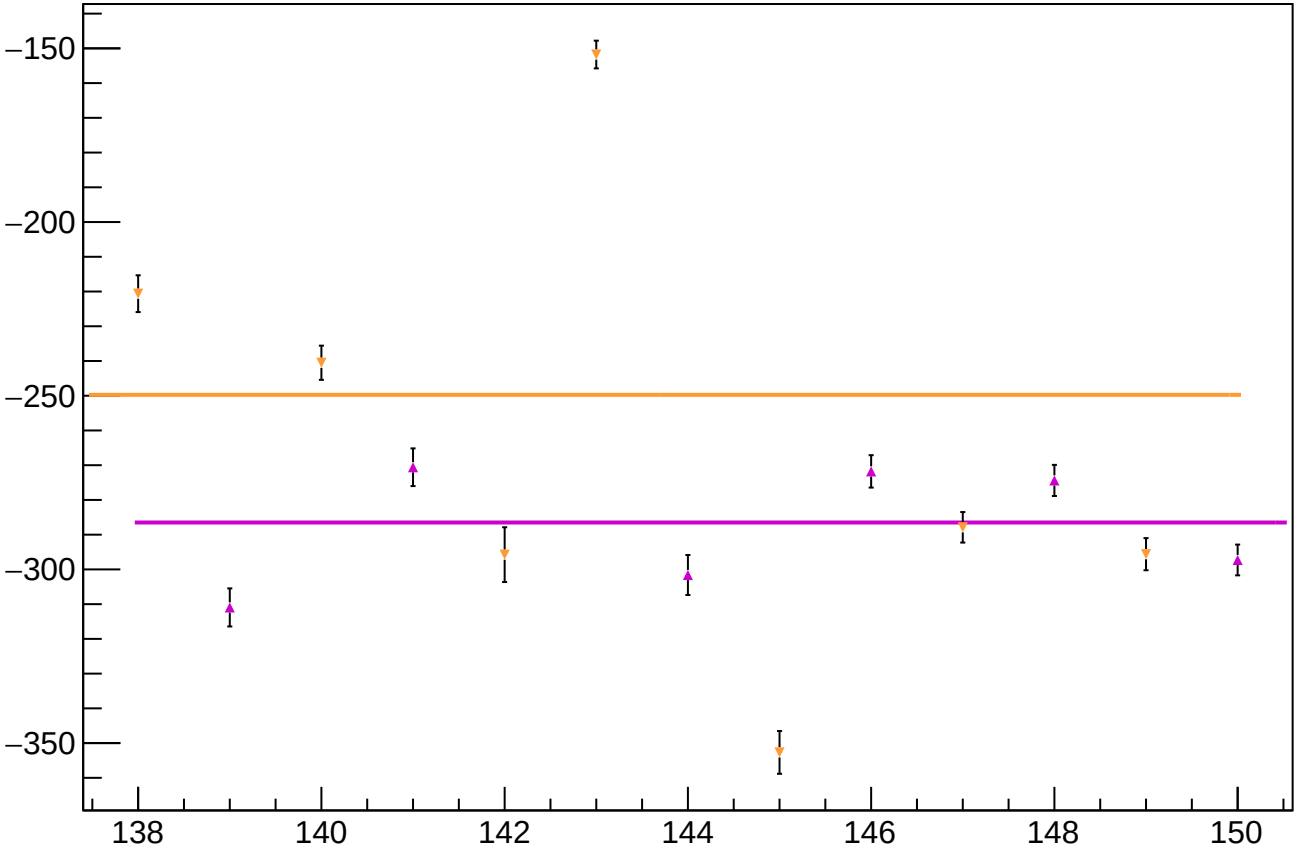
Left In: 10.164+/-0.026 χ^2/NDF:10567.0/5

+ sign 5.934+/-0.022 χ^2/NDF: 600699.9/23

All: 6.293+/-0.015 χ^2/NDF: 1030584.5/48

- sign 6.620+/-0.021 χ^2/NDF: 429386.1/24

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



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

Left Out: -249.742+/-1.887 χ^2/NDF:1124.2/6

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

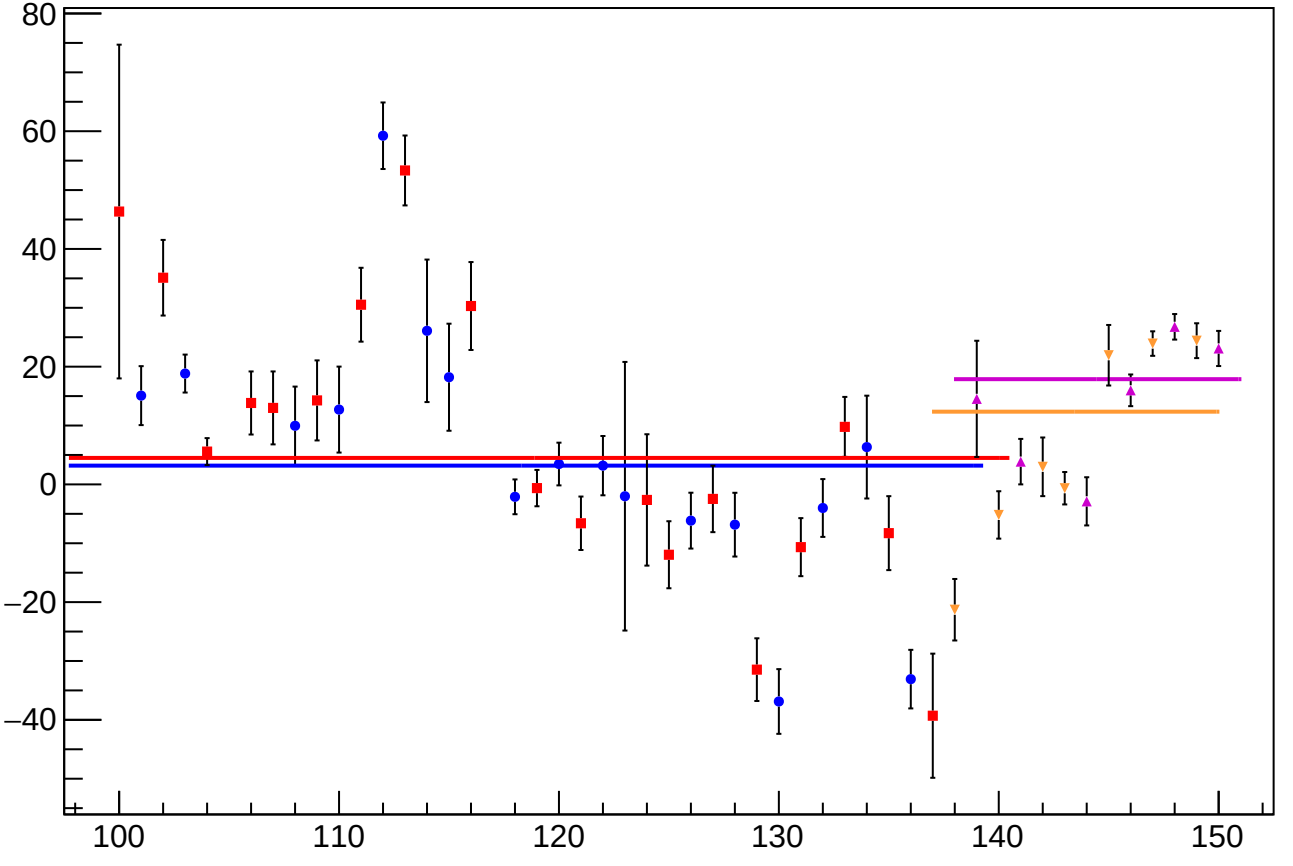
Left In: -286.497+/-2.023 χ^2/NDF:58.6/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -266.842+/-1.380 χ^2/NDF: 1359.3/12

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188+/-1.225 χ^2/NDF: 255.6/16

Left Out: 12.355+/-1.237 χ^2/NDF:137.2/6

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

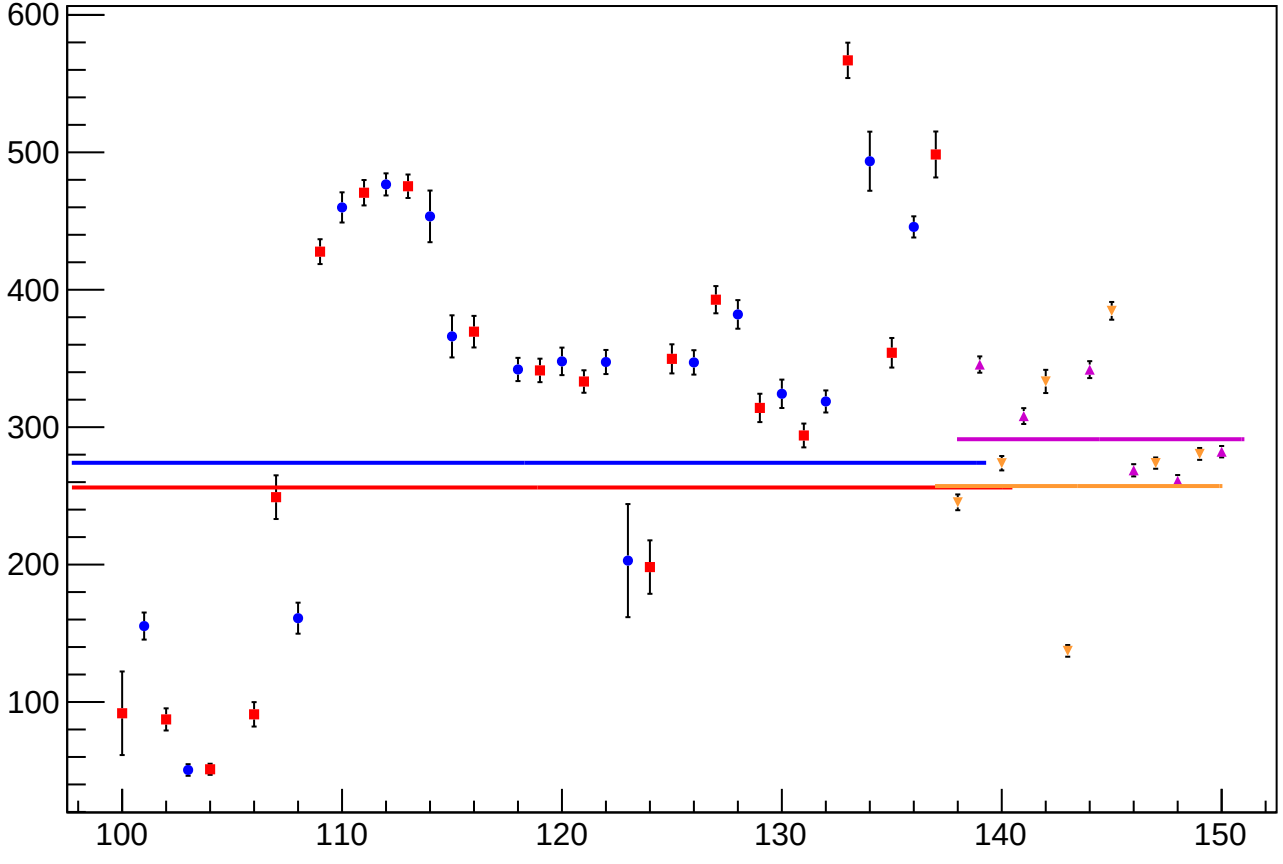
Left In: 17.877+/-1.292 χ^2/NDF:59.3/5

+ sign 7.726+/-0.871 χ^2/NDF: 420.6/23

All: 9.110+/-0.613 χ^2/NDF: 769.8/48

- sign 10.469+/-0.863 χ^2/NDF: 344.1/24

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: 257.148+/-1.914 χ^2/NDF:1325.0/6

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

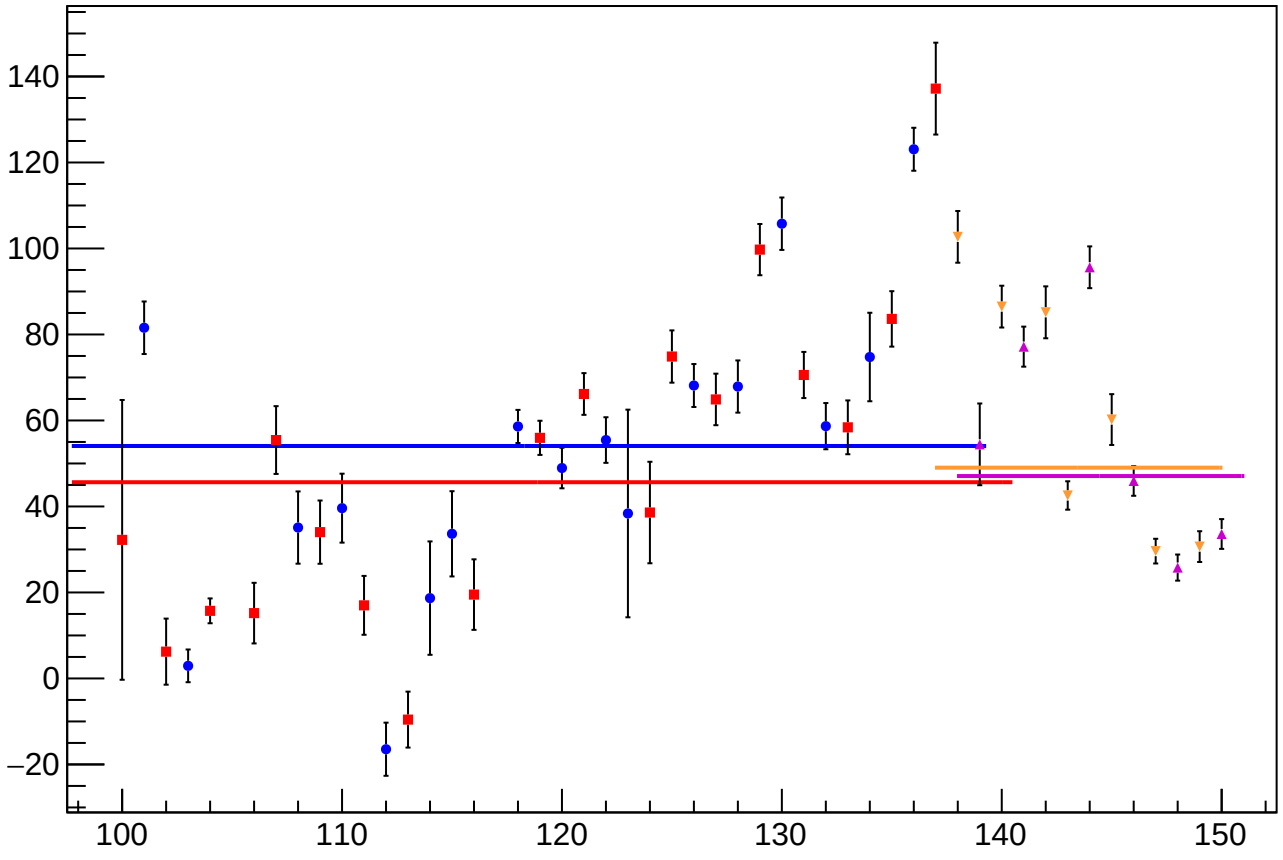
Left In: 291.226+/-1.998 χ^2/NDF:242.7/5

+ sign 264.478+/-1.442 χ^2/NDF: 6470.8/23

All: 269.426+/-1.019 χ^2/NDF: 13329.3/48

- sign 274.370+/-1.441 χ^2/NDF: 6834.9/24

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065+/-1.421 χ^2/NDF: 634.4/16

Left Out: 49.019+/-1.548 χ^2/NDF:254.2/6

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

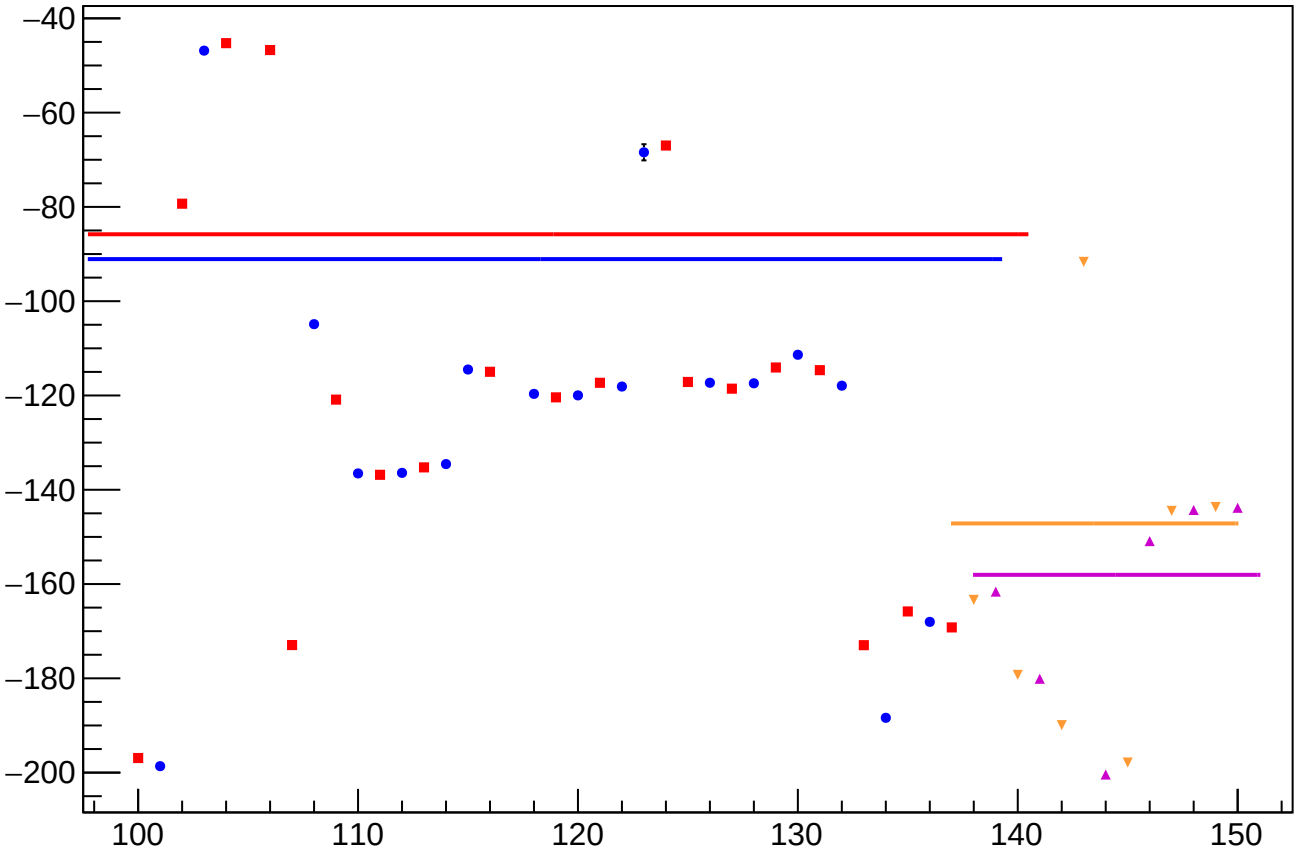
Left In: 47.074+/-1.632 χ^2/NDF:206.7/5

+ sign 51.759+/-1.047 χ^2/NDF: 894.4/23

All: 48.986+/-0.739 χ^2/NDF: 1646.4/48

- sign 46.225+/-1.044 χ^2/NDF: 737.9/24

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: -147.146+/-0.081 χ^2/NDF:186180.3/6

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

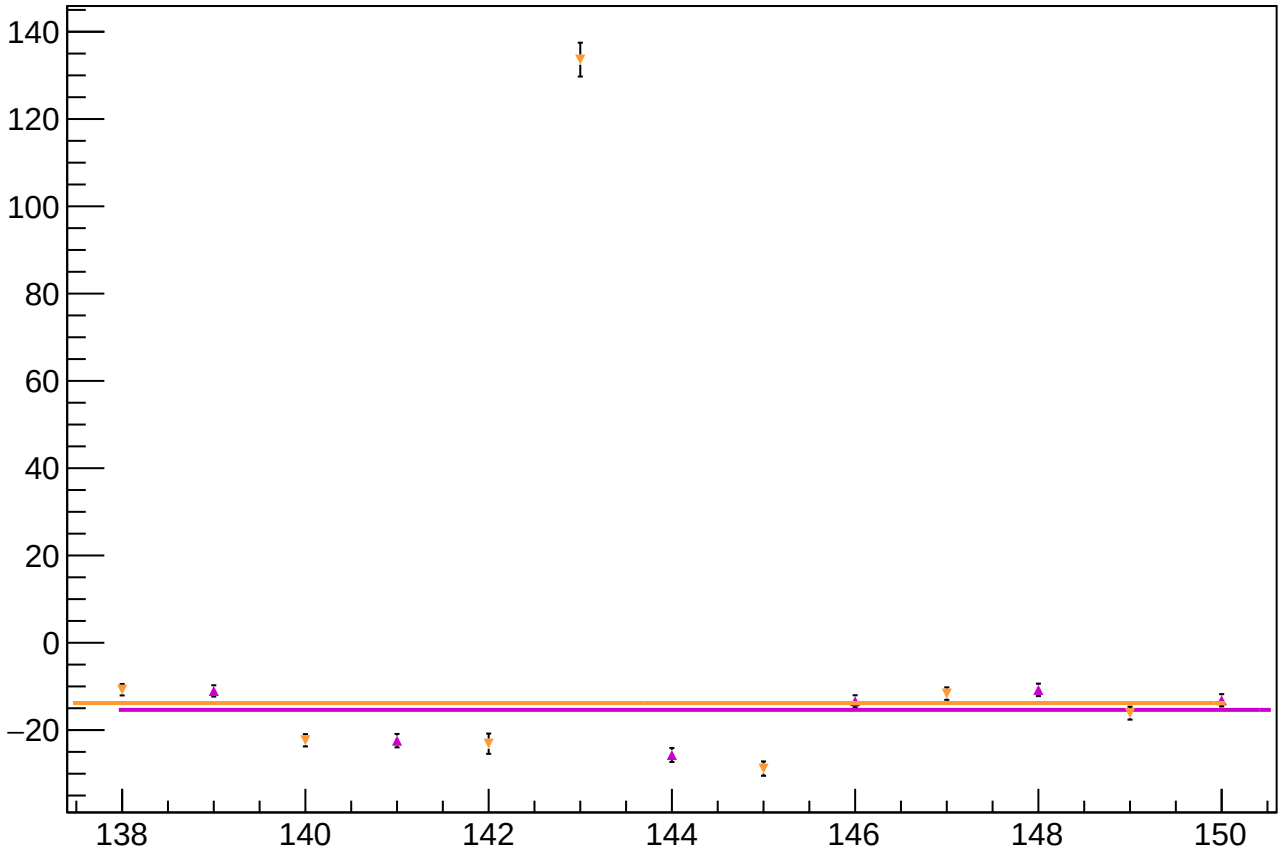
Left In: -158.047+/-0.084 χ^2/NDF:47682.3/5

+ sign -113.996+/-0.052 χ^2/NDF: 1002683.5/23

All: -113.499+/-0.037 χ^2/NDF: 2011123.9/48

- sign -113.013+/-0.051 χ^2/NDF: 1008259.2/24

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: -13.800+/-0.615 χ^2/NDF:1588.7/6

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

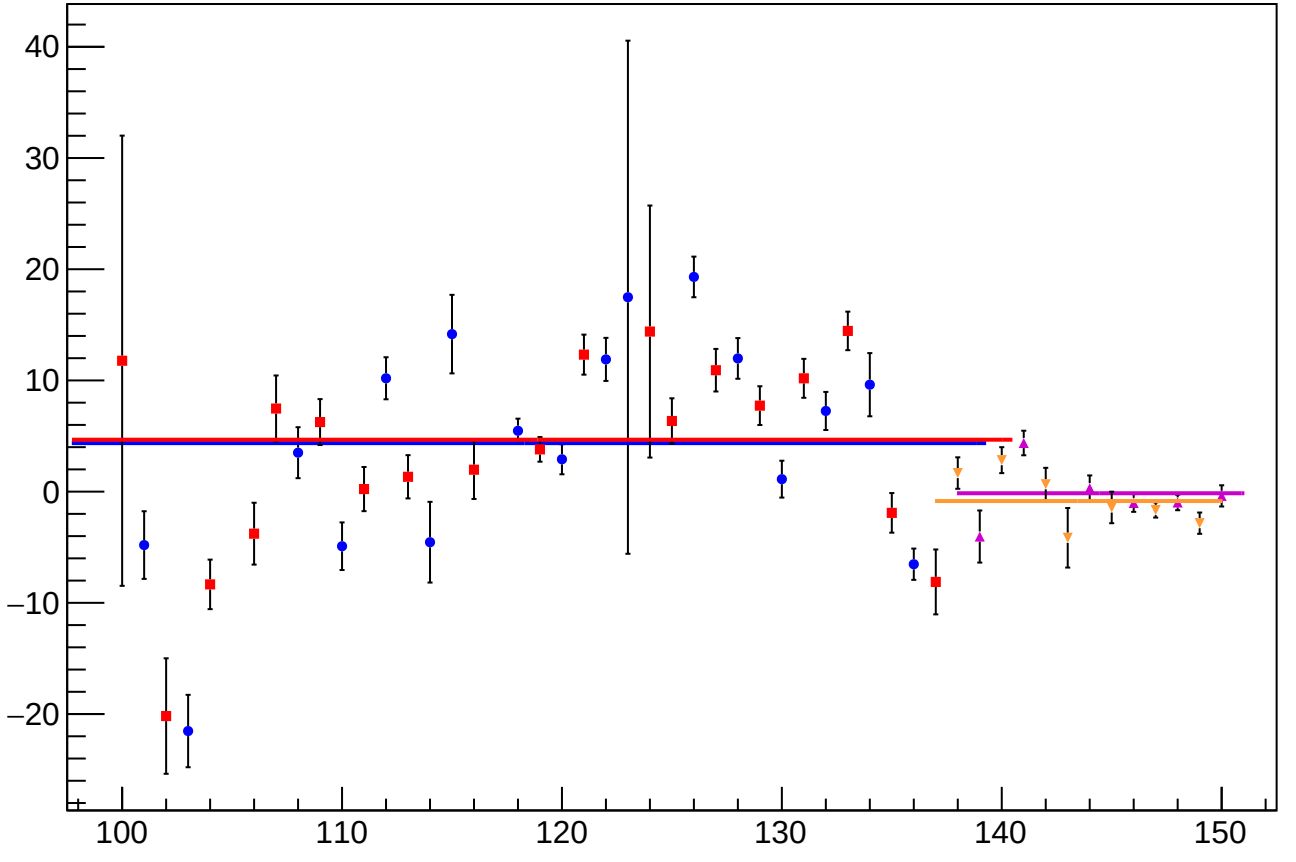
Left In: -15.371+/-0.584 χ^2/NDF:88.3/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.627+/-0.424 χ^2/NDF: 1680.4/12

- 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: -0.846+/-0.424 χ^2/NDF:21.5/6

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

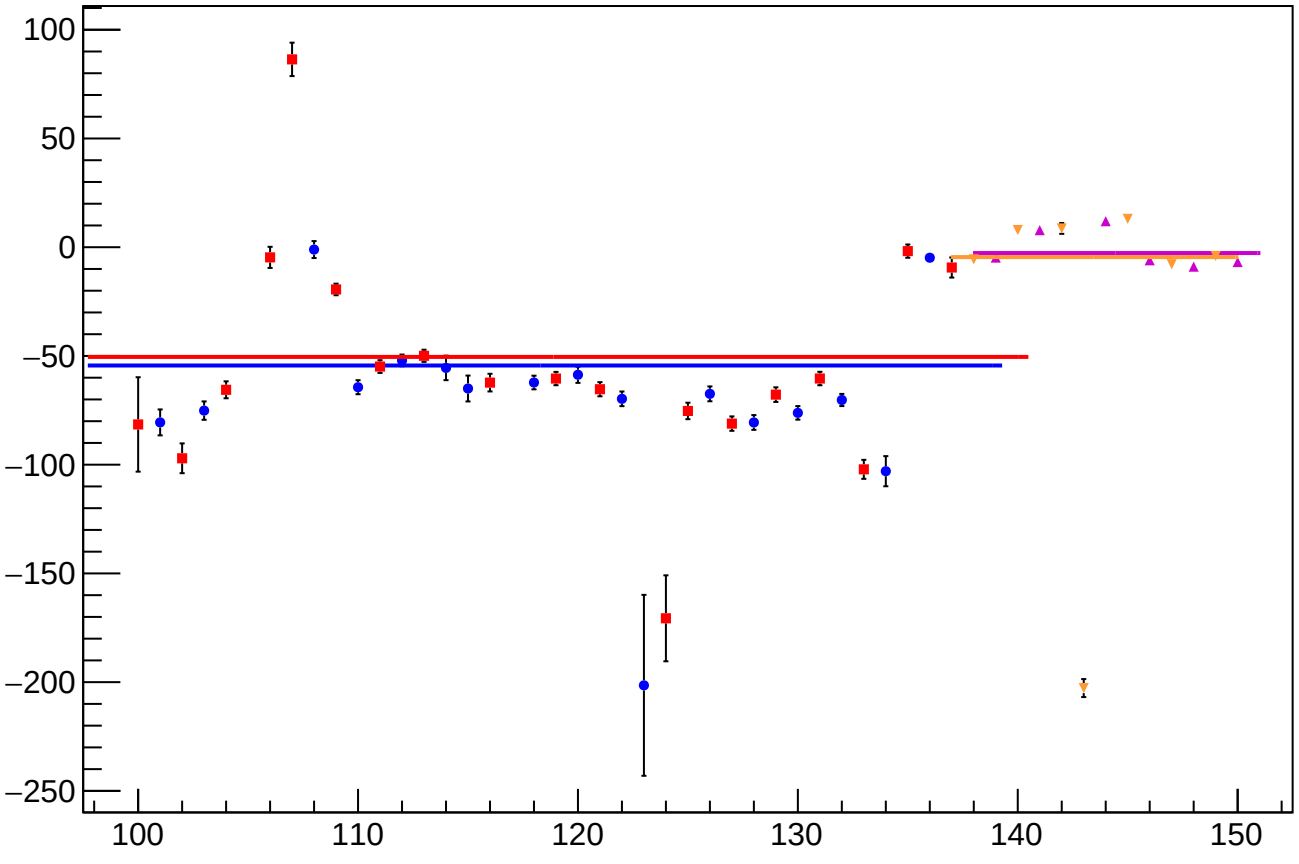
Left In: -0.145+/-0.393 χ^2/NDF:22.3/5

+ sign 1.520+/-0.313 χ^2/NDF: 376.7/23

All: 1.671+/-0.217 χ^2/NDF: 646.0/48

- sign 1.813+/-0.302 χ^2/NDF: 268.9/24

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: -4.545+/-0.624 χ^2/NDF:2496.9/6

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

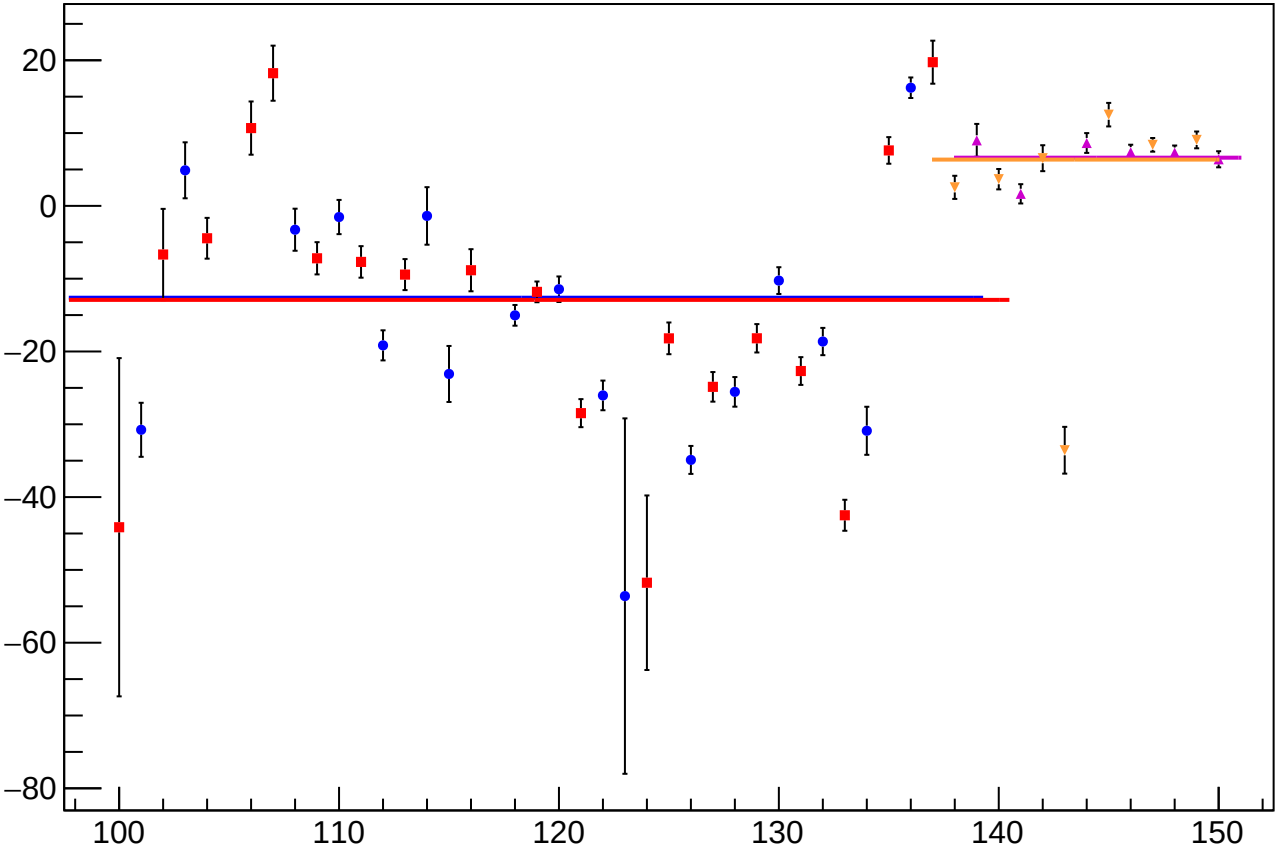
Left In: -2.674+/-0.584 χ^2/NDF:154.2/5

+ sign -21.667+/-0.506 χ^2/NDF: 5703.0/23

All: -19.646+/-0.349 χ^2/NDF: 9333.1/48

- sign -17.805+/-0.483 χ^2/NDF: 3599.5/24

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616+/-0.530 χ^2/NDF: 788.2/16

Left Out: 6.358+/-0.528 χ^2/NDF:188.7/6

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

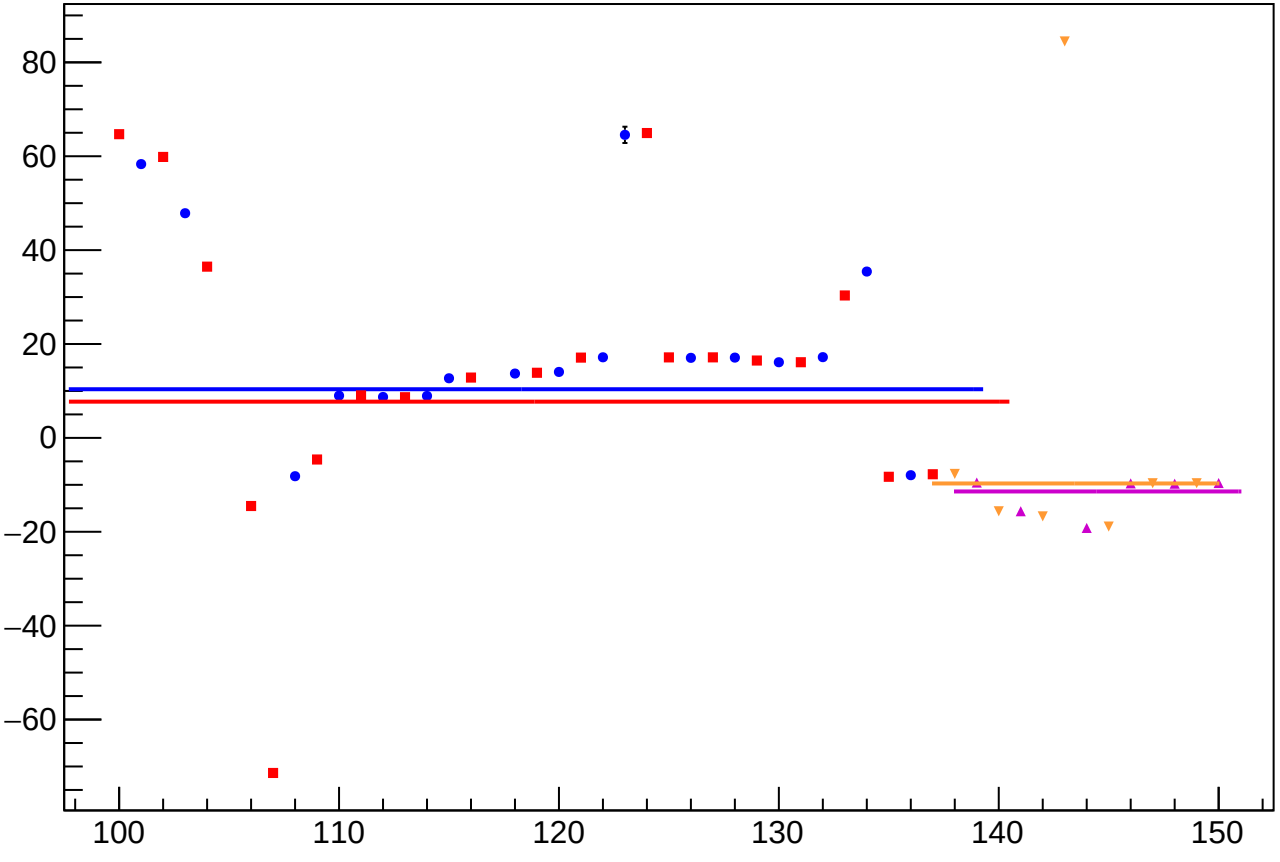
Left In: 6.620+/-0.492 χ^2/NDF:18.5/5

+ sign -3.090+/-0.374 χ^2/NDF: 1619.9/23

All: -2.667+/-0.261 χ^2/NDF: 3088.9/48

- sign -2.268+/-0.363 χ^2/NDF: 1466.5/24

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: -9.709+/-0.026 χ^2/NDF:354315.9/6

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

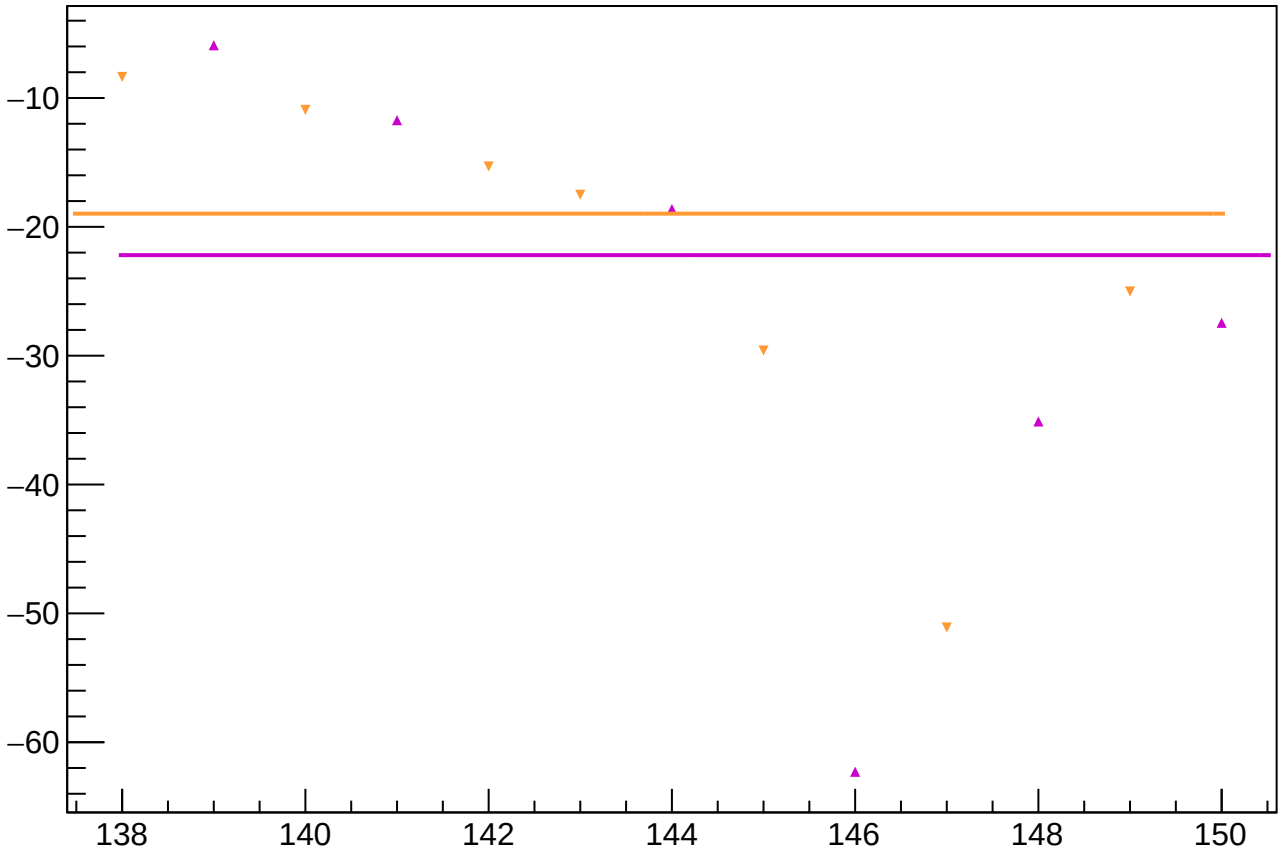
Left In: -11.413+/-0.024 χ^2/NDF:18950.0/5

+ sign -1.158+/-0.020 χ^2/NDF: 983420.8/23

All: -2.789+/-0.014 χ^2/NDF: 1795383.5/48

- sign -4.284+/-0.019 χ^2/NDF: 799126.8/24

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -18.977+/-0.103 χ^2/NDF:14312.0/6

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

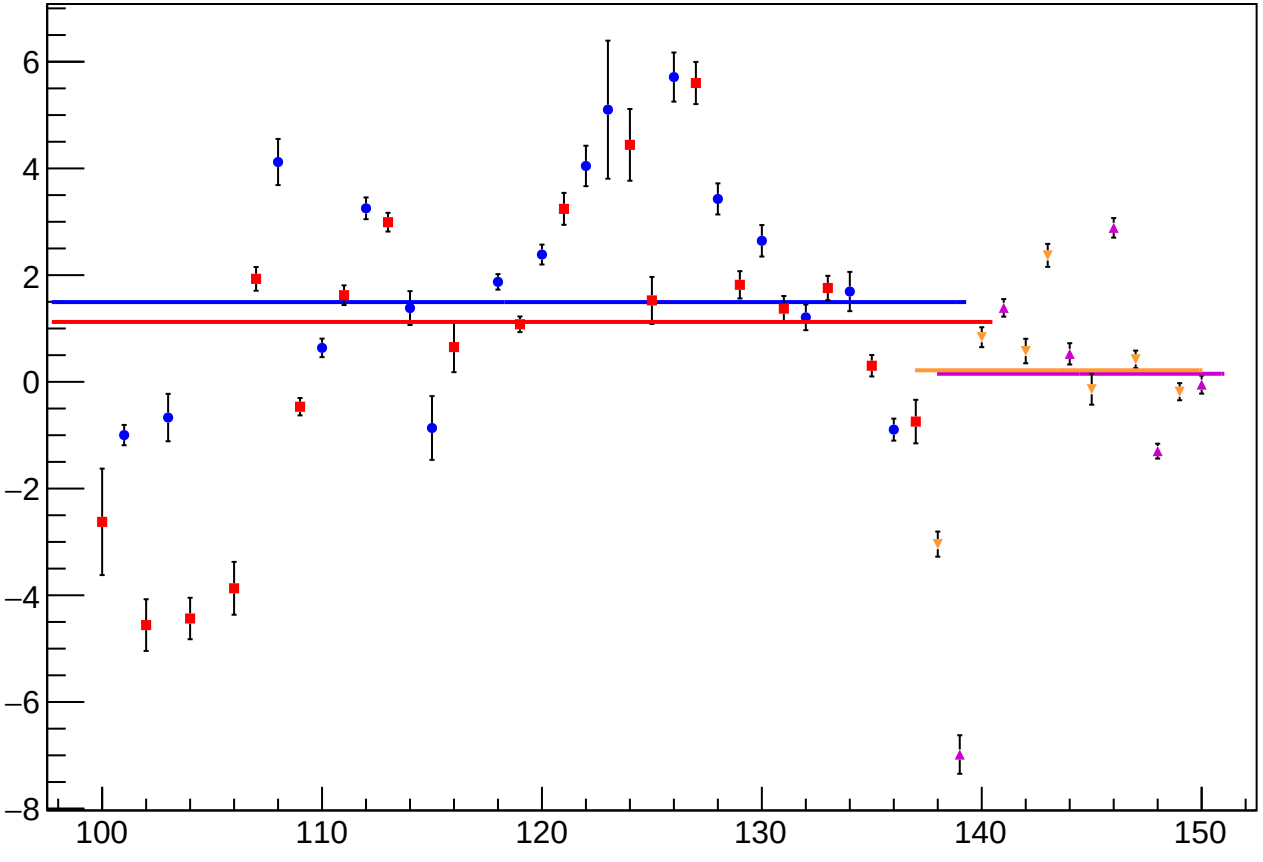
Left In: -22.196+/-0.102 χ^2/NDF:27801.2/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.597+/-0.072 χ^2/NDF: 42606.4/12

- 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: 0.217+/-0.076 χ^2/NDF:314.1/6

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

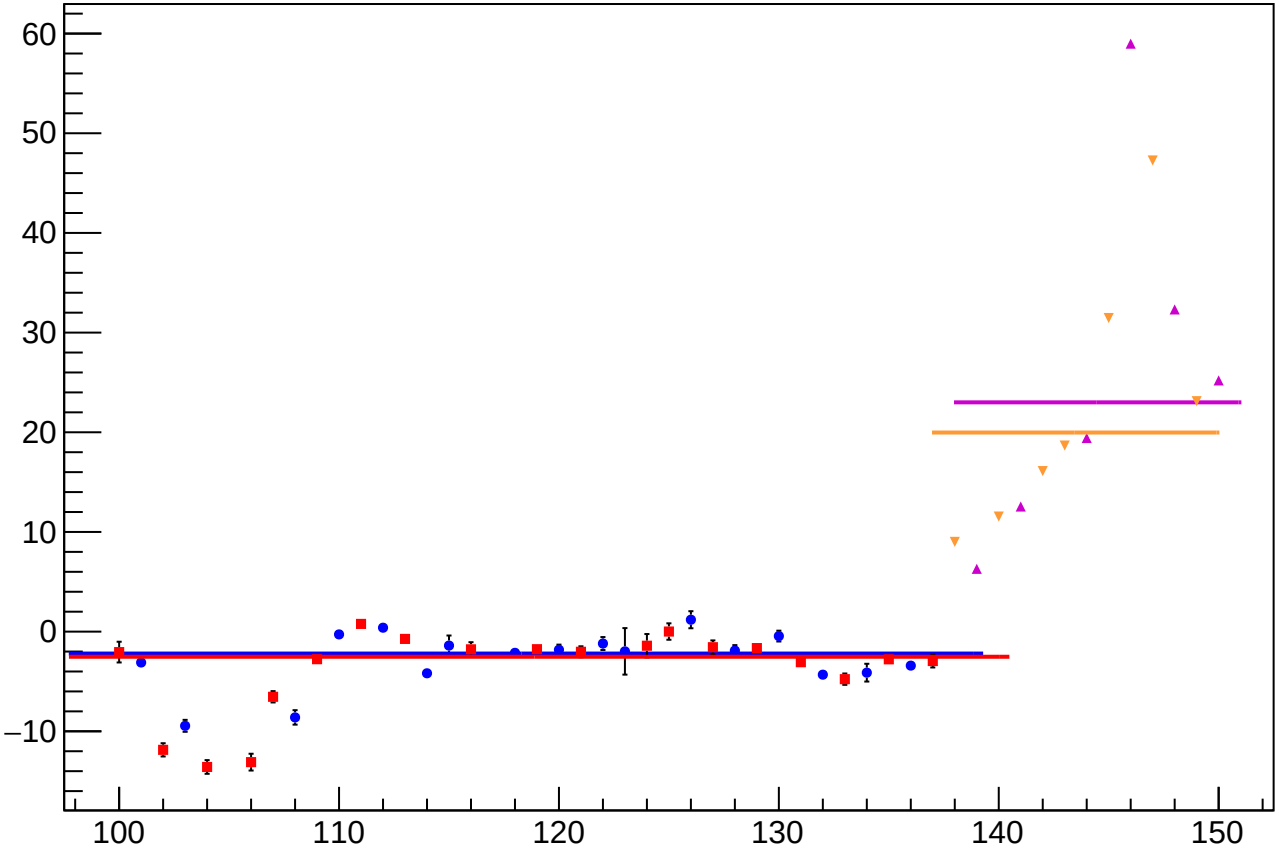
Left In: 0.152+/-0.073 χ^2/NDF:781.7/5

+ sign 0.990+/-0.048 χ^2/NDF: 1196.0/23

All: 0.864+/-0.033 χ^2/NDF: 3045.1/48

- sign 0.748+/-0.046 χ^2/NDF: 1835.6/24

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 19.975+/-0.106 χ^2/NDF:12149.2/6

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

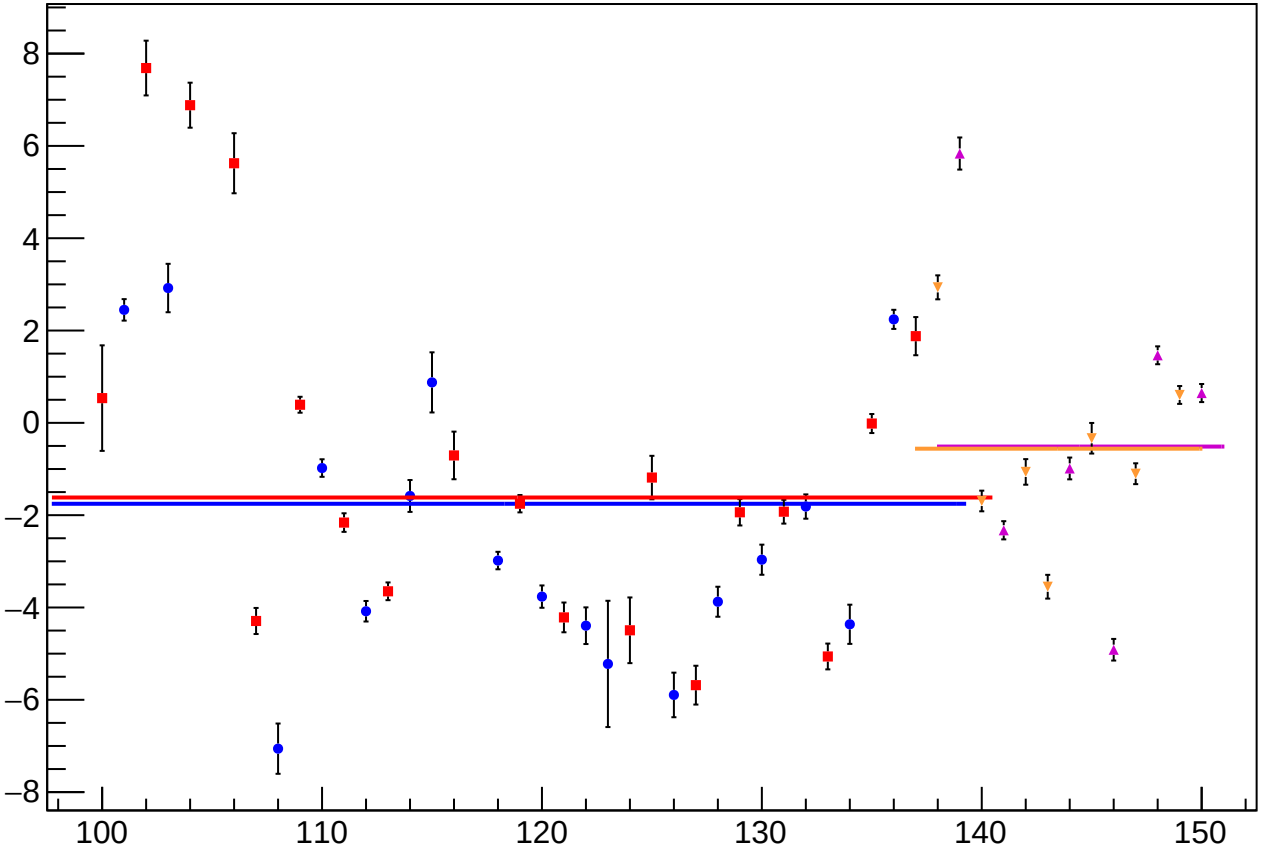
Left In: 23.002+/-0.103 χ^2/NDF:23713.9/5

+ sign 9.358+/-0.077 χ^2/NDF: 33569.2/23

All: 9.524+/-0.052 χ^2/NDF: 89969.0/48

- sign 9.669+/-0.072 χ^2/NDF: 56391.1/24

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -0.560+/-0.092 χ^2/NDF:387.4/6

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

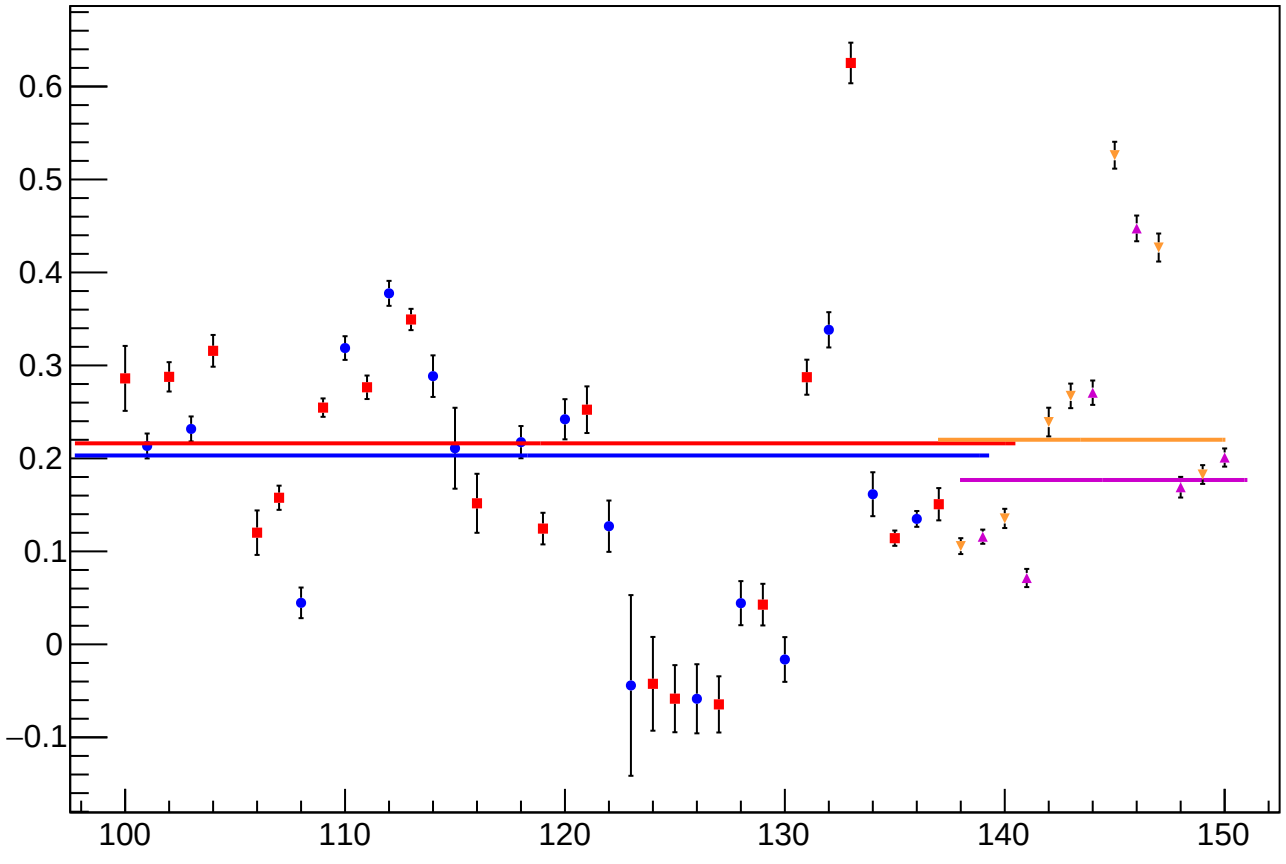
Left In: -0.514+/-0.090 χ^2/NDF:913.7/5

+ sign -1.313+/-0.056 χ^2/NDF: 1838.8/23

All: -1.272+/-0.038 χ^2/NDF: 4338.9/48

- sign -1.235+/-0.053 χ^2/NDF: 2499.0/24

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.220+/-0.004 χ^2/NDF:911.2/6

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

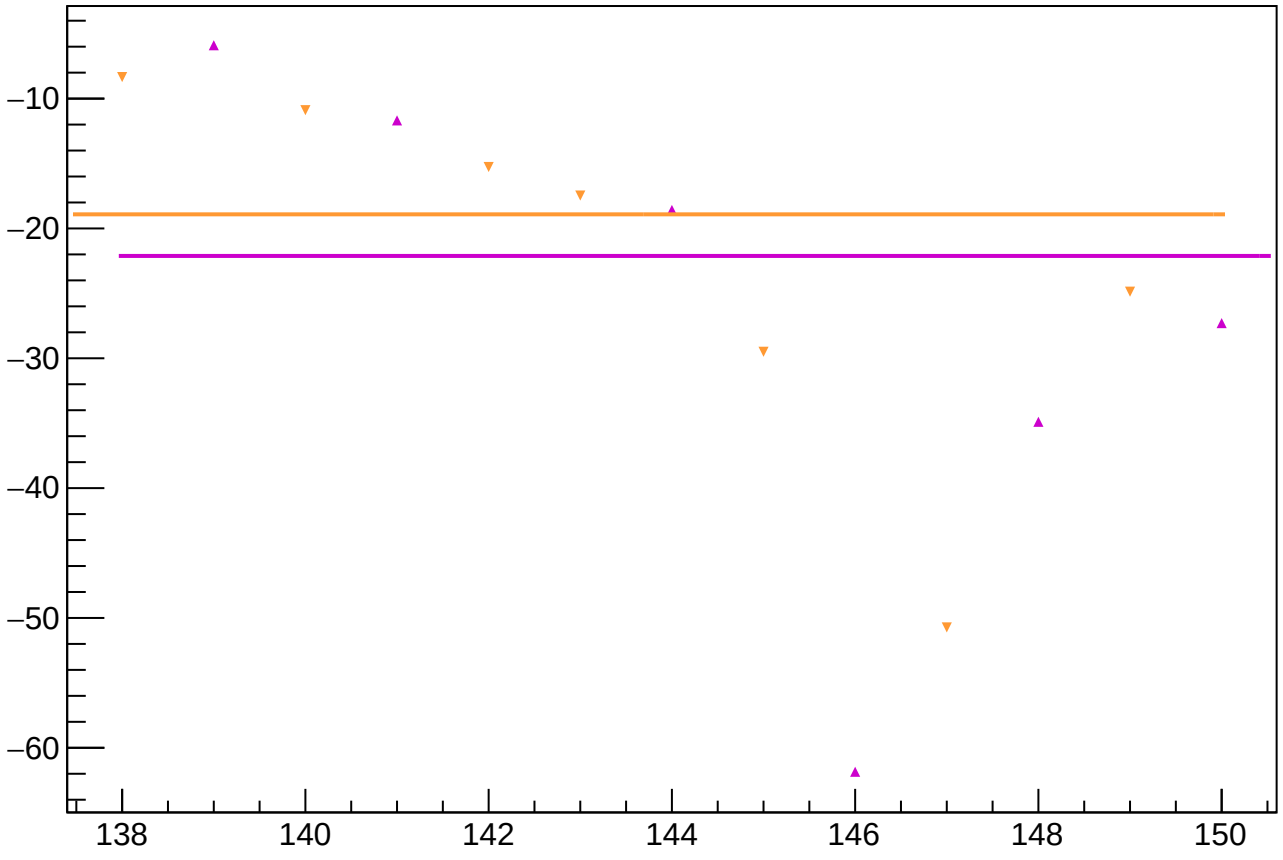
Left In: 0.177+/-0.004 χ^2/NDF:621.2/5

+ sign 0.211+/-0.003 χ^2/NDF: 1596.2/23

All: 0.205+/-0.002 χ^2/NDF: 3343.7/48

- sign 0.199+/-0.003 χ^2/NDF: 1738.5/24

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -18.913+/-0.102 χ^2/NDF:14278.6/6

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

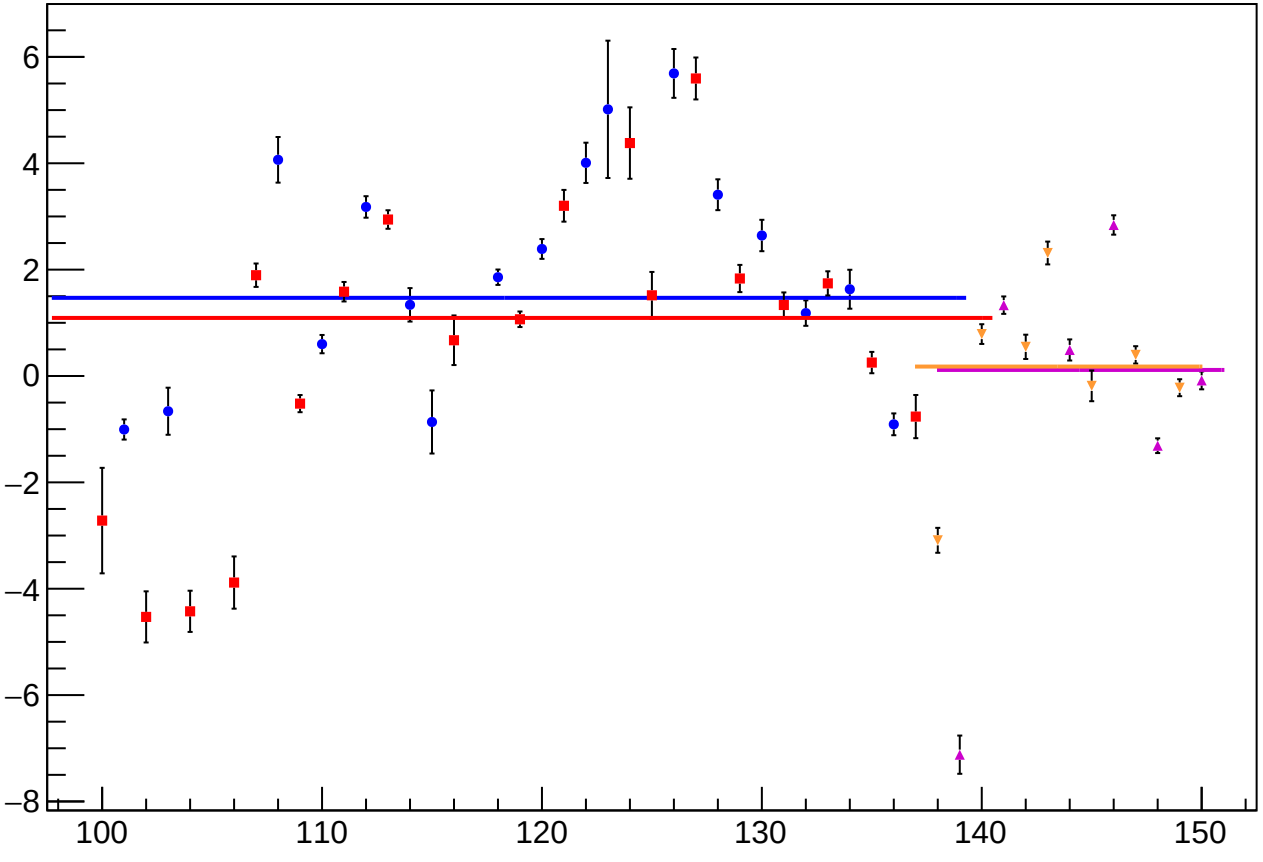
Left In: -22.117+/-0.102 χ^2/NDF:27732.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.526+/-0.072 χ^2/NDF: 42504.9/12

- 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: 0.177+/-0.075 χ^2/NDF:316.5/6

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

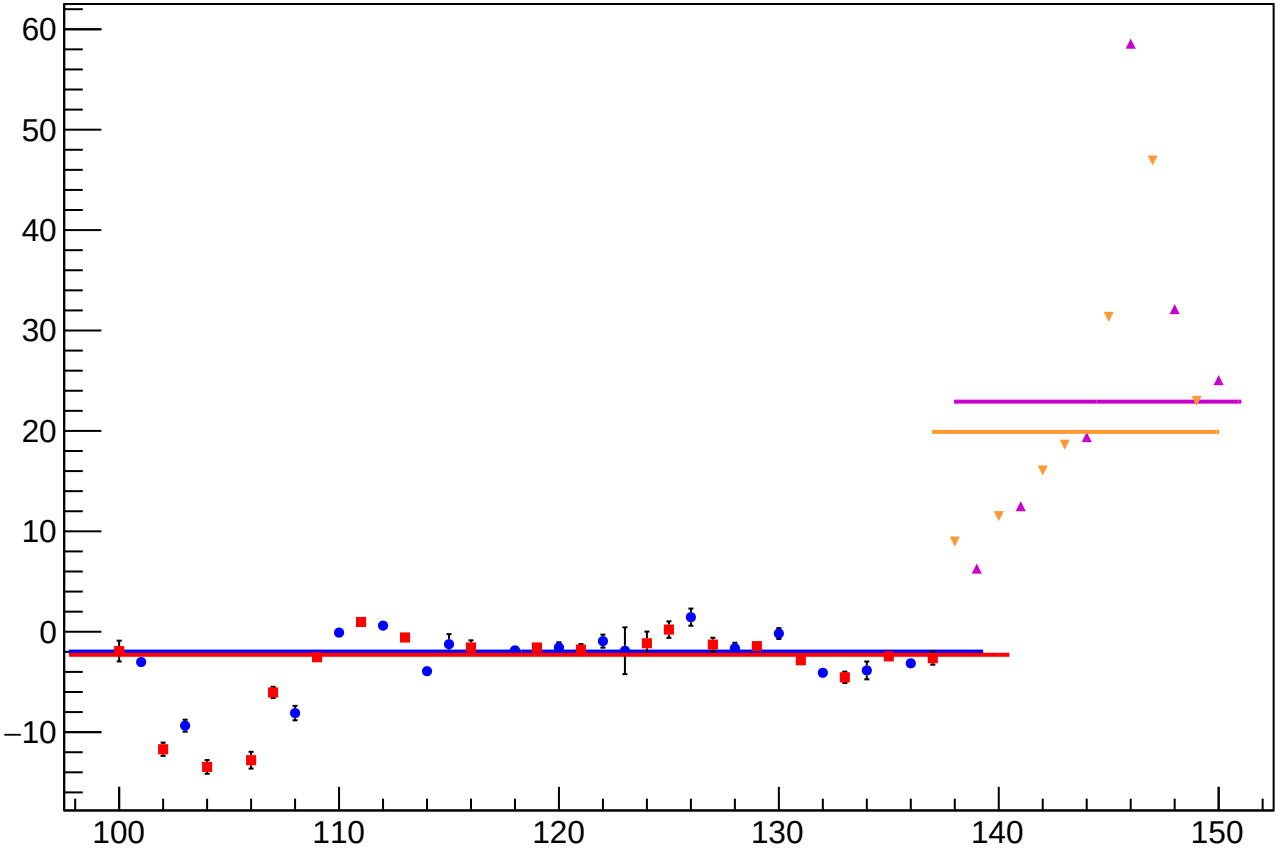
Left In: 0.114+/-0.073 χ^2/NDF:794.6/5

+ sign 0.959+/-0.047 χ^2/NDF: 1203.0/23

All: 0.831+/-0.033 χ^2/NDF: 3073.9/48

- sign 0.713+/-0.045 χ^2/NDF: 1856.9/24

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 19.904+/-0.105 χ^2/NDF:12115.4/6

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

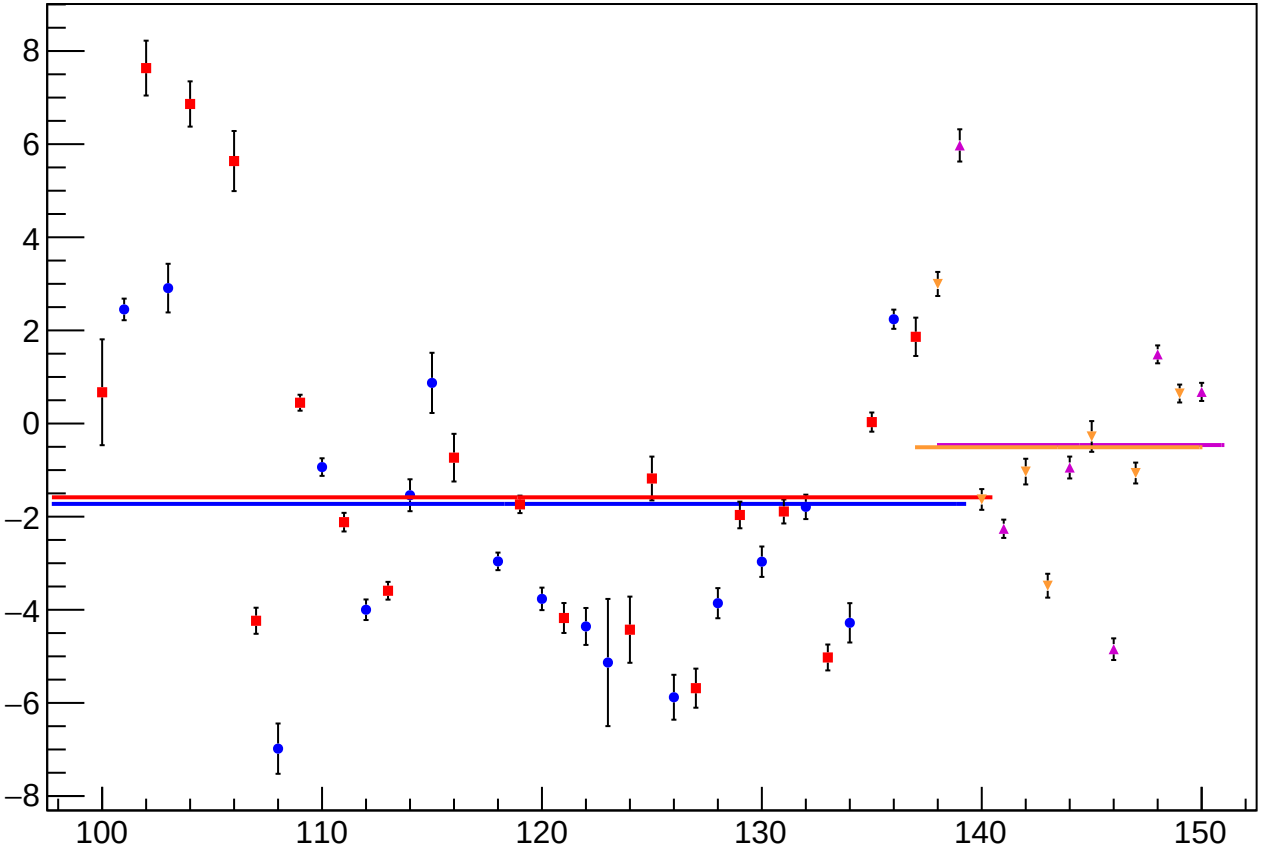
Left In: 22.915+/-0.103 χ^2/NDF:23644.3/5

+ sign 9.433+/-0.076 χ^2/NDF: 33195.7/23

All: 9.603+/-0.052 χ^2/NDF: 89099.0/48

- sign 9.751+/-0.071 χ^2/NDF: 55894.0/24

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -0.509+/-0.091 χ^2/NDF:390.1/6

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

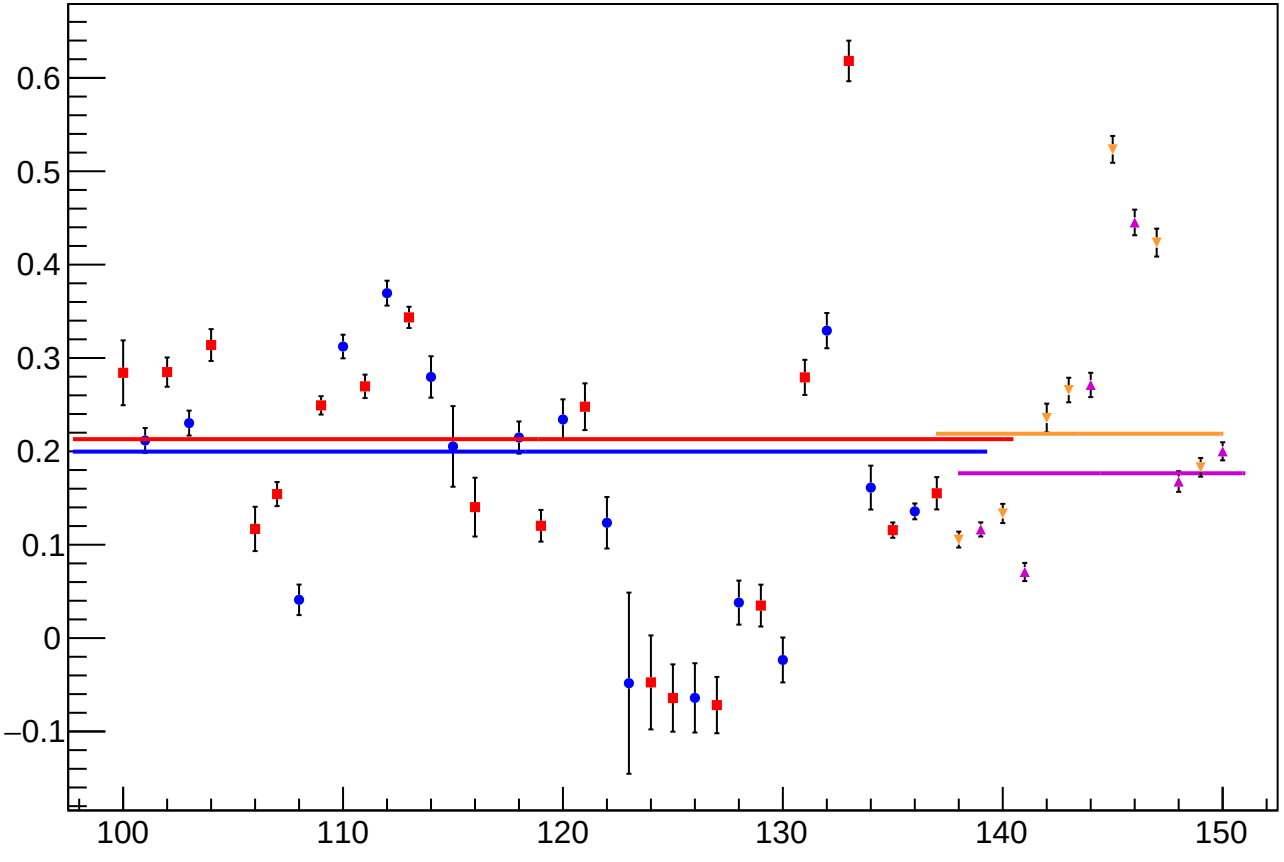
Left In: -0.462+/-0.090 χ^2/NDF:925.5/5

+ sign -1.276+/-0.056 χ^2/NDF: 1843.2/23

All: -1.233+/-0.038 χ^2/NDF: 4364.9/48

- sign -1.194+/-0.053 χ^2/NDF: 2520.6/24

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.219+/-0.004 χ^2/NDF:909.2/6

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

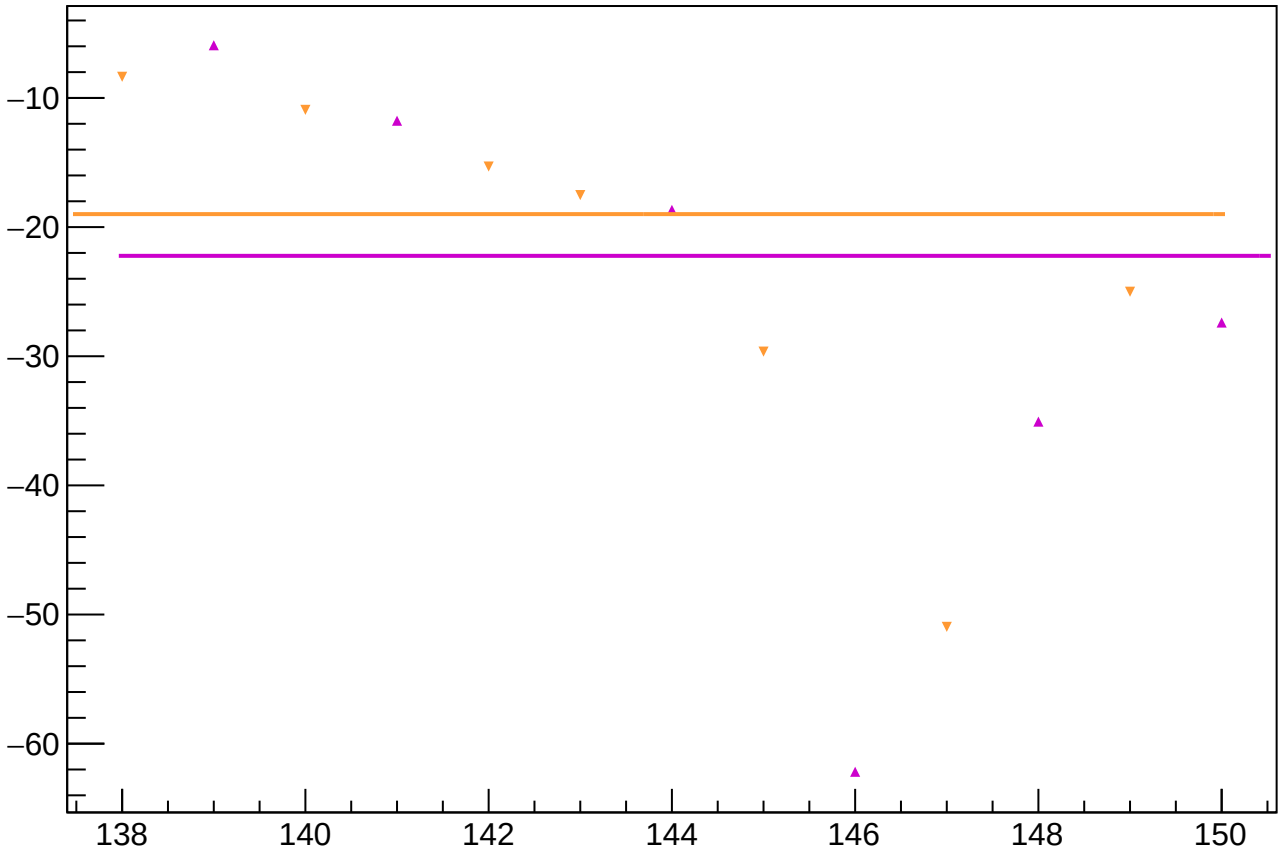
Left In: 0.177+/-0.004 χ^2/NDF:623.2/5

+ sign 0.209+/-0.003 χ^2/NDF: 1581.9/23

All: 0.202+/-0.002 χ^2/NDF: 3307.6/48

- sign 0.197+/-0.003 χ^2/NDF: 1717.5/24

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -18.994+/-0.103 χ^2/NDF:14293.5/6

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

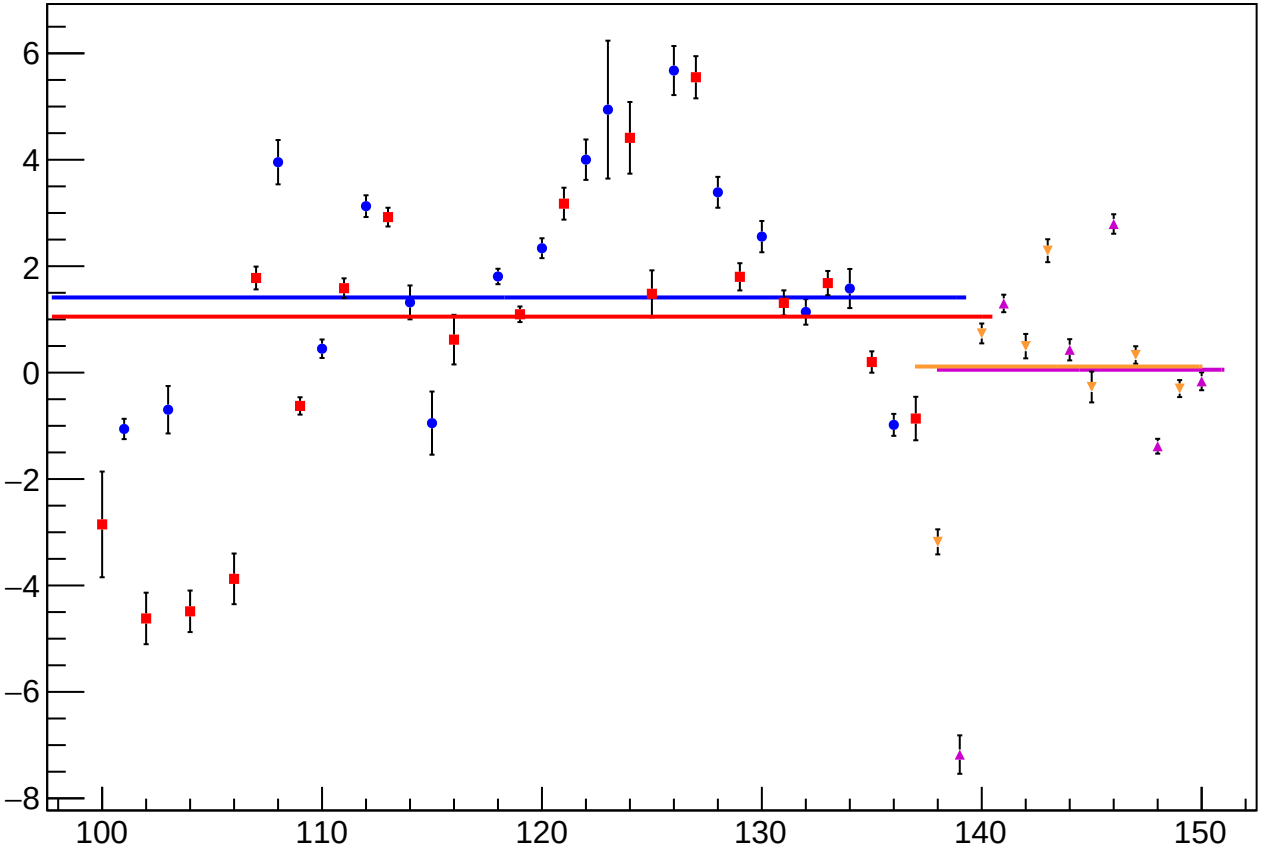
Left In: -22.225+/-0.102 χ^2/NDF:27757.1/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.621+/-0.072 χ^2/NDF: 42548.6/12

- 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: 0.114+/-0.075 χ^2/NDF:322.1/6

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

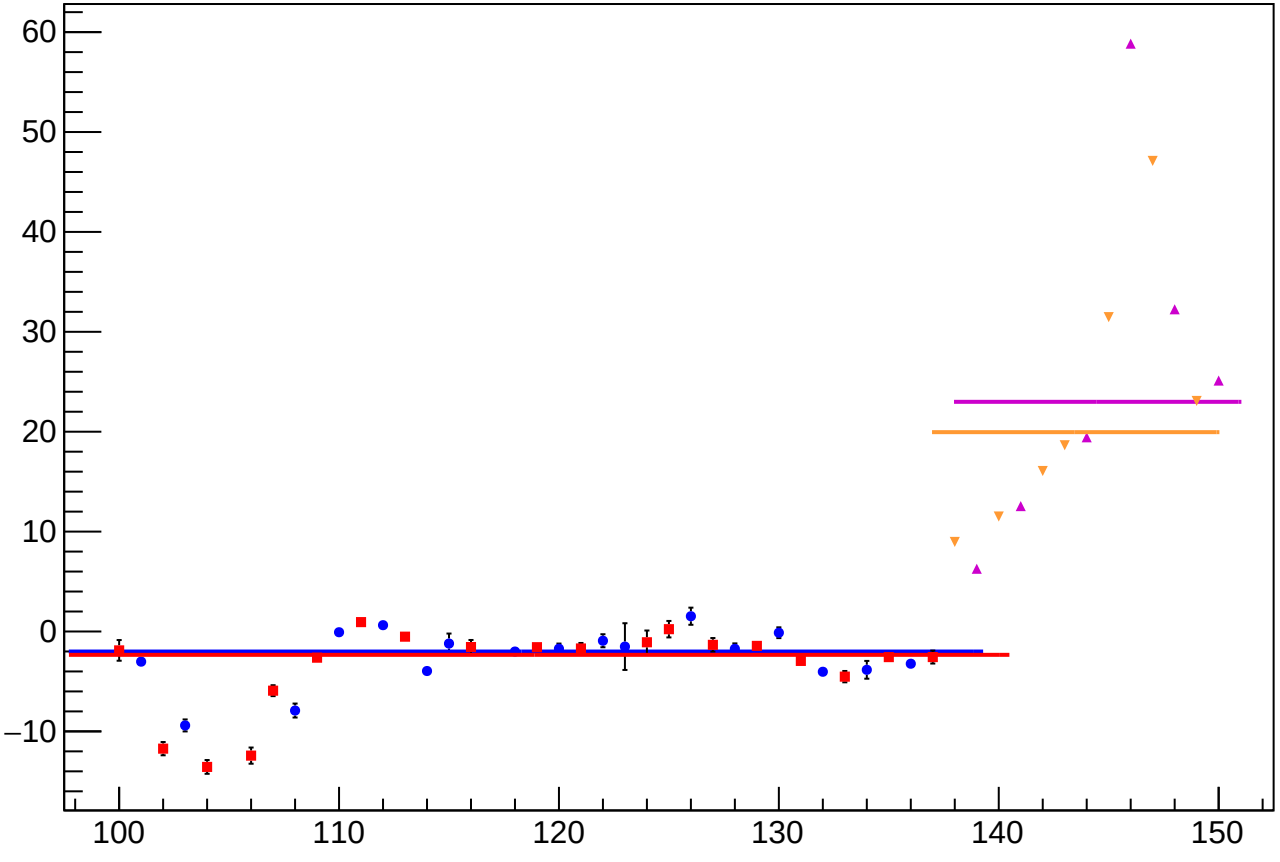
Left In: 0.054+/-0.073 χ^2/NDF:793.9/5

+ sign 0.899+/-0.047 χ^2/NDF: 1214.7/23

All: 0.778+/-0.033 χ^2/NDF: 3098.3/48

- sign 0.667+/-0.046 χ^2/NDF: 1871.1/24

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 19.955+/-0.106 χ^2/NDF:12128.5/6

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

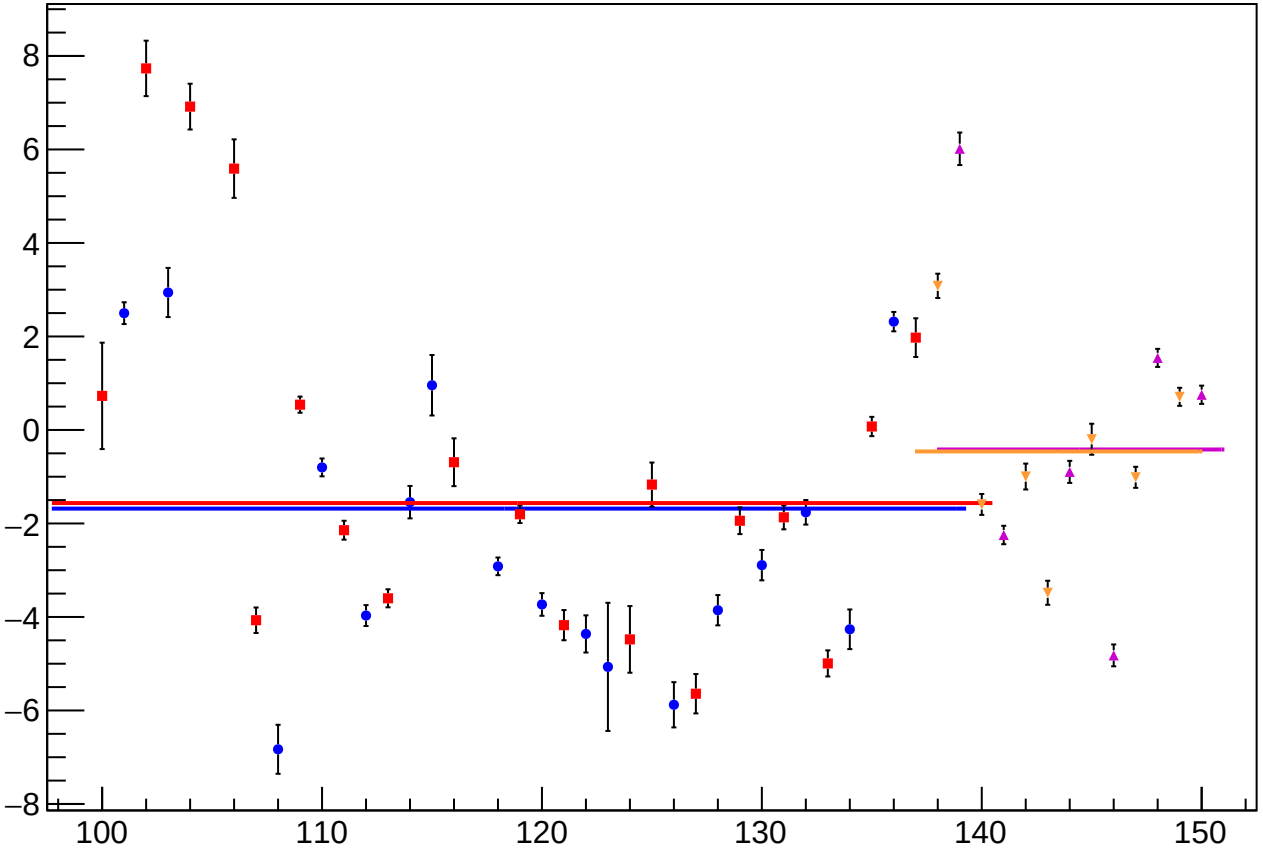
Left In: 22.991+/-0.103 χ^2/NDF:23674.7/5

+ sign 9.457+/-0.076 χ^2/NDF: 33164.2/23

All: 9.626+/-0.052 χ^2/NDF: 89097.0/48

- sign 9.773+/-0.071 χ^2/NDF: 55923.7/24

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -0.460+/-0.092 χ^2/NDF:396.8/6

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

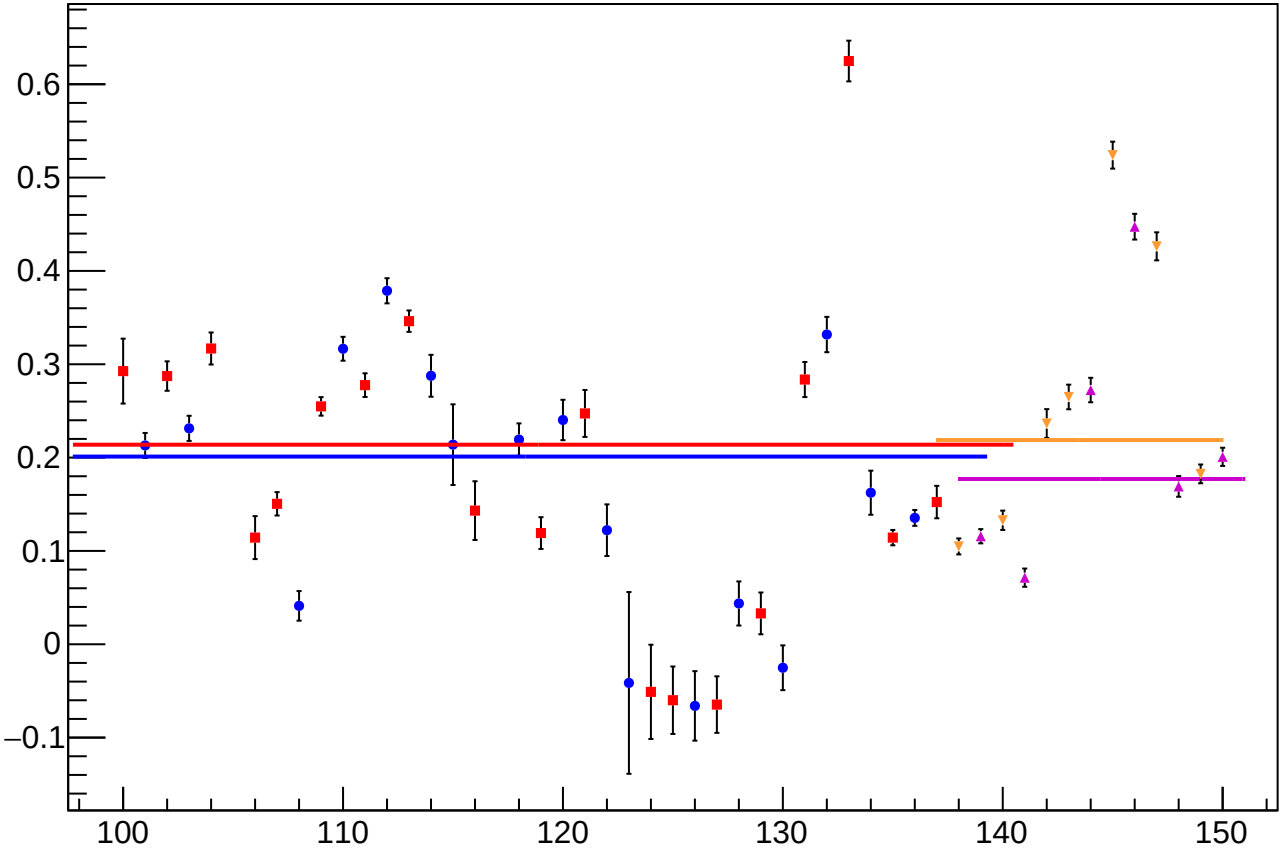
Left In: -0.418+/-0.090 χ^2/NDF:925.8/5

+ sign -1.230+/-0.056 χ^2/NDF: 1856.5/23

All: -1.196+/-0.038 χ^2/NDF: 4393.4/48

- sign -1.166+/-0.053 χ^2/NDF: 2536.2/24

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.219+/-0.004 χ^2/NDF:910.6/6

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

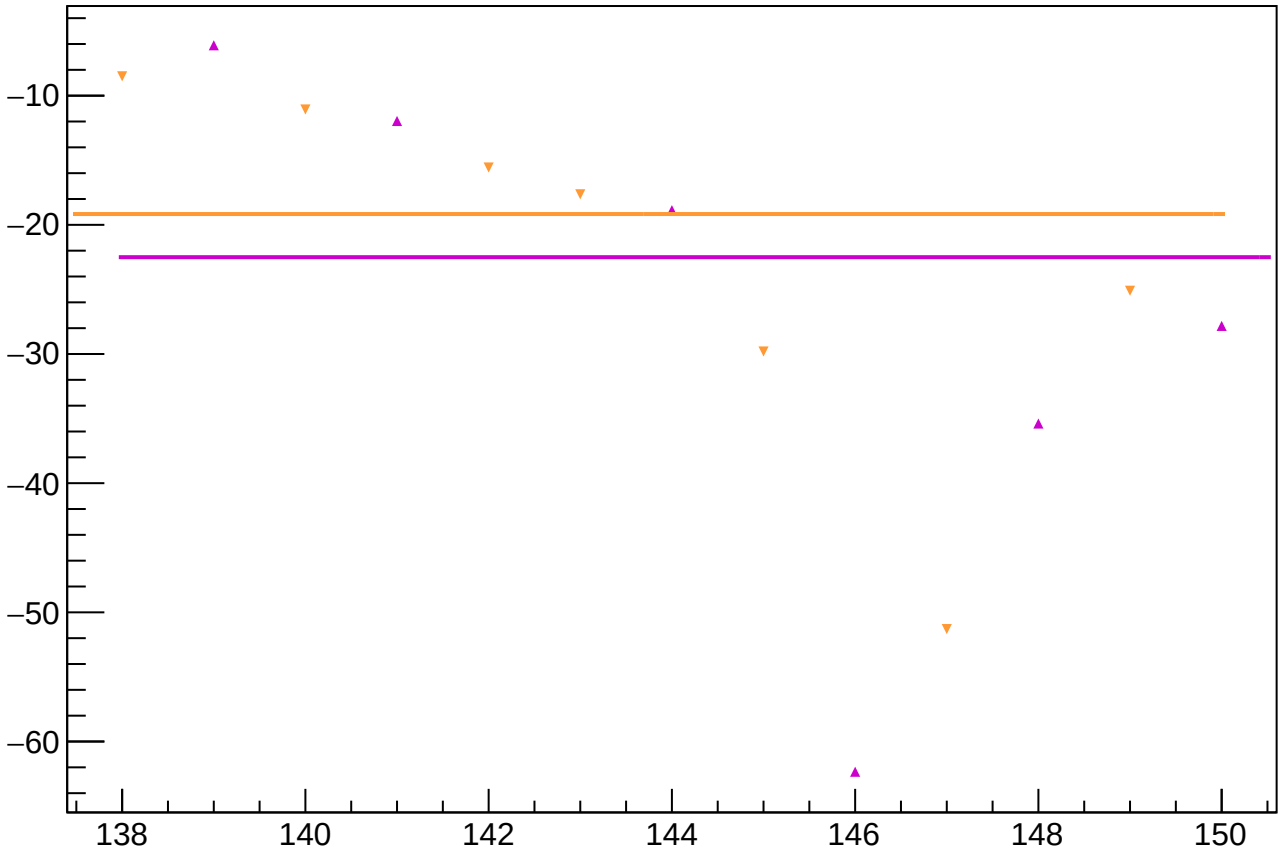
Left In: 0.177+/-0.004 χ^2/NDF:625.5/5

+ sign 0.209+/-0.003 χ^2/NDF: 1610.6/23

All: 0.203+/-0.002 χ^2/NDF: 3371.0/48

- sign 0.198+/-0.003 χ^2/NDF: 1752.2/24

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -19.164+/-0.104 χ^2/NDF:14149.0/6

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

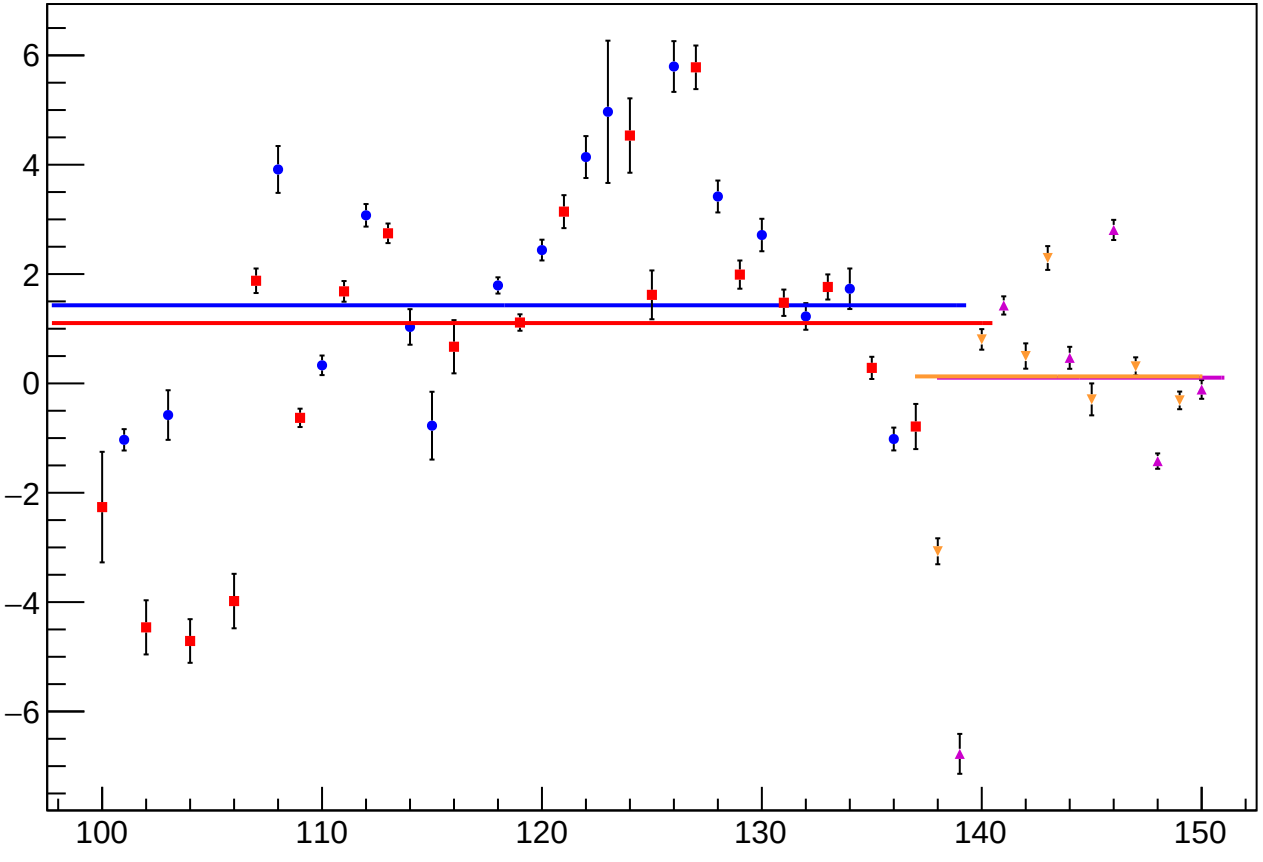
Left In: -22.504+/-0.103 χ^2/NDF:27383.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.842+/-0.073 χ^2/NDF: 42054.2/12

- 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: 0.128+/-0.076 χ^2/NDF:306.6/6

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

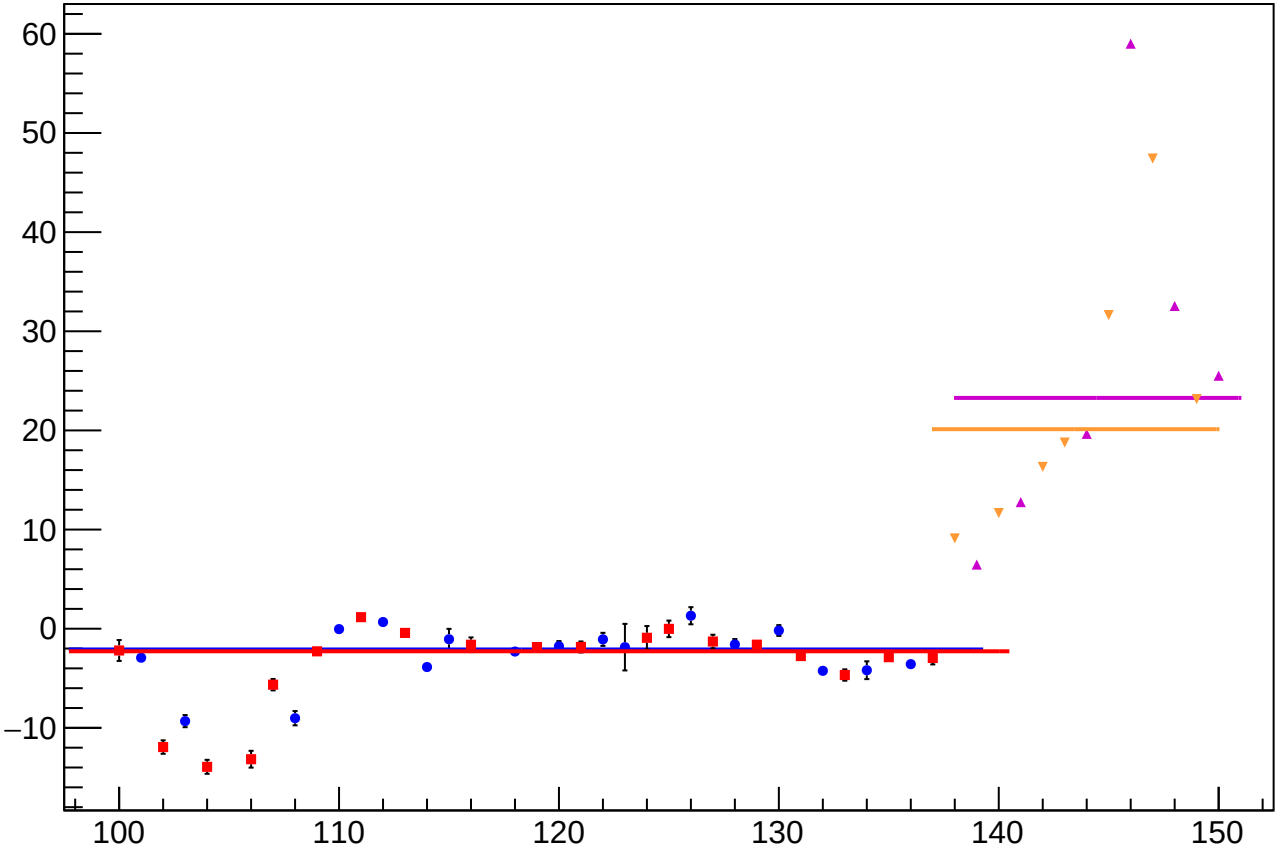
Left In: 0.105+/-0.074 χ^2/NDF:755.9/5

+ sign 0.909+/-0.048 χ^2/NDF: 1193.2/23

All: 0.807+/-0.033 χ^2/NDF: 3004.9/48

- sign 0.713+/-0.046 χ^2/NDF: 1803.2/24

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 20.125+/-0.107 χ^2/NDF:12004.7/6

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

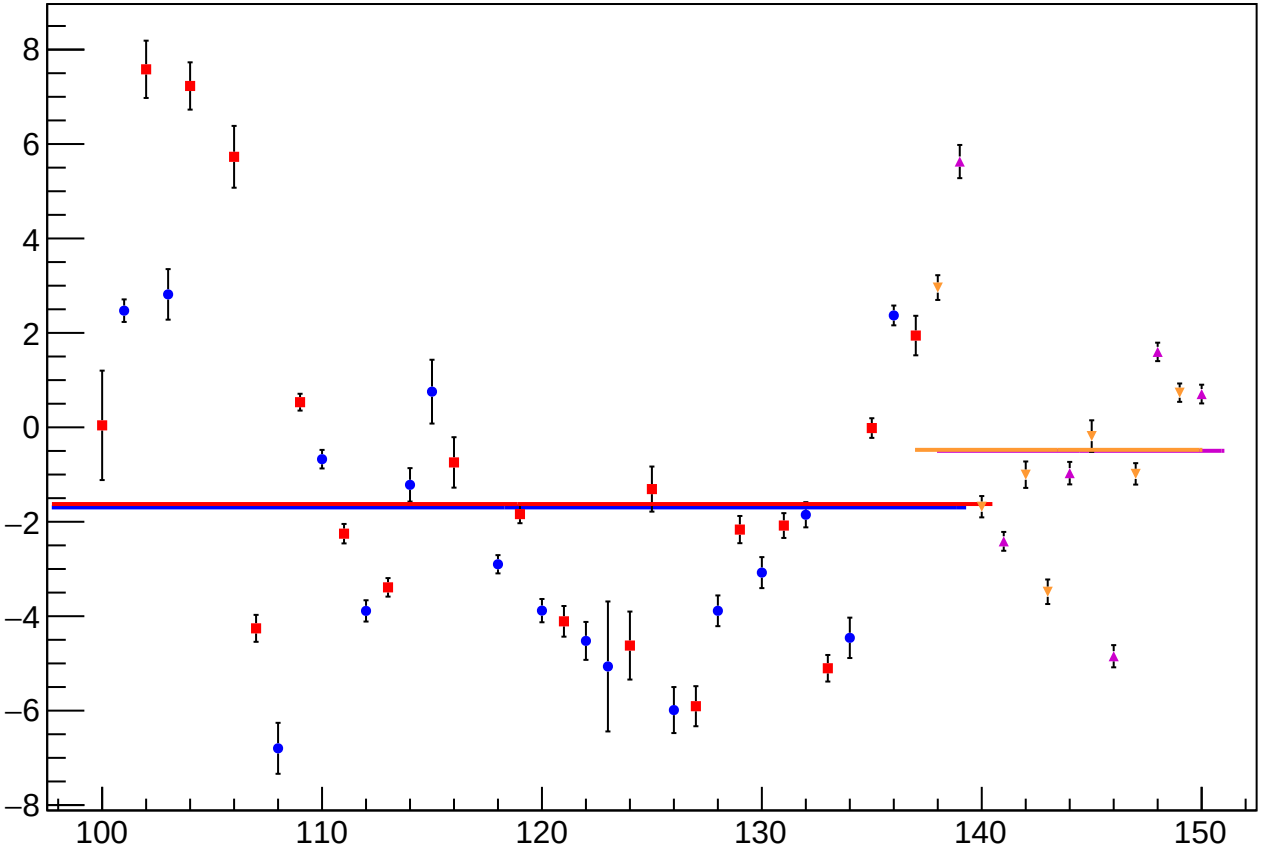
Left In: 23.280+/-0.104 χ^2/NDF:23320.6/5

+ sign 9.599+/-0.077 χ^2/NDF: 32987.1/23

All: 9.850+/-0.053 χ^2/NDF: 88175.0/48

- sign 10.069+/-0.073 χ^2/NDF: 55168.3/24

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -0.477+/-0.093 χ^2/NDF:382.2/6

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

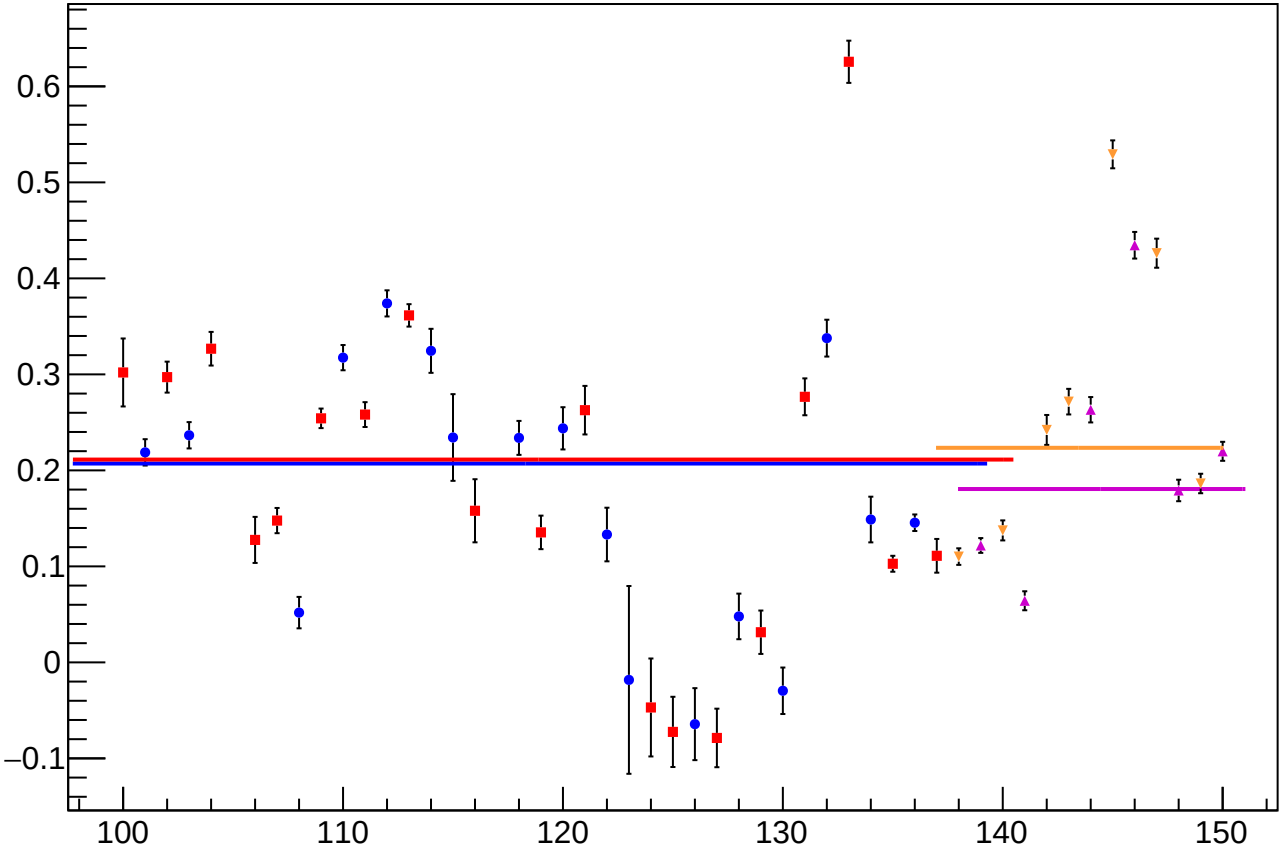
Left In: -0.497+/-0.091 χ^2/NDF:893.8/5

+ sign -1.240+/-0.057 χ^2/NDF: 1824.0/23

All: -1.234+/-0.039 χ^2/NDF: 4284.7/48

- sign -1.229+/-0.054 χ^2/NDF: 2460.6/24

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.224+/-0.004 χ^2/NDF:889.2/6

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

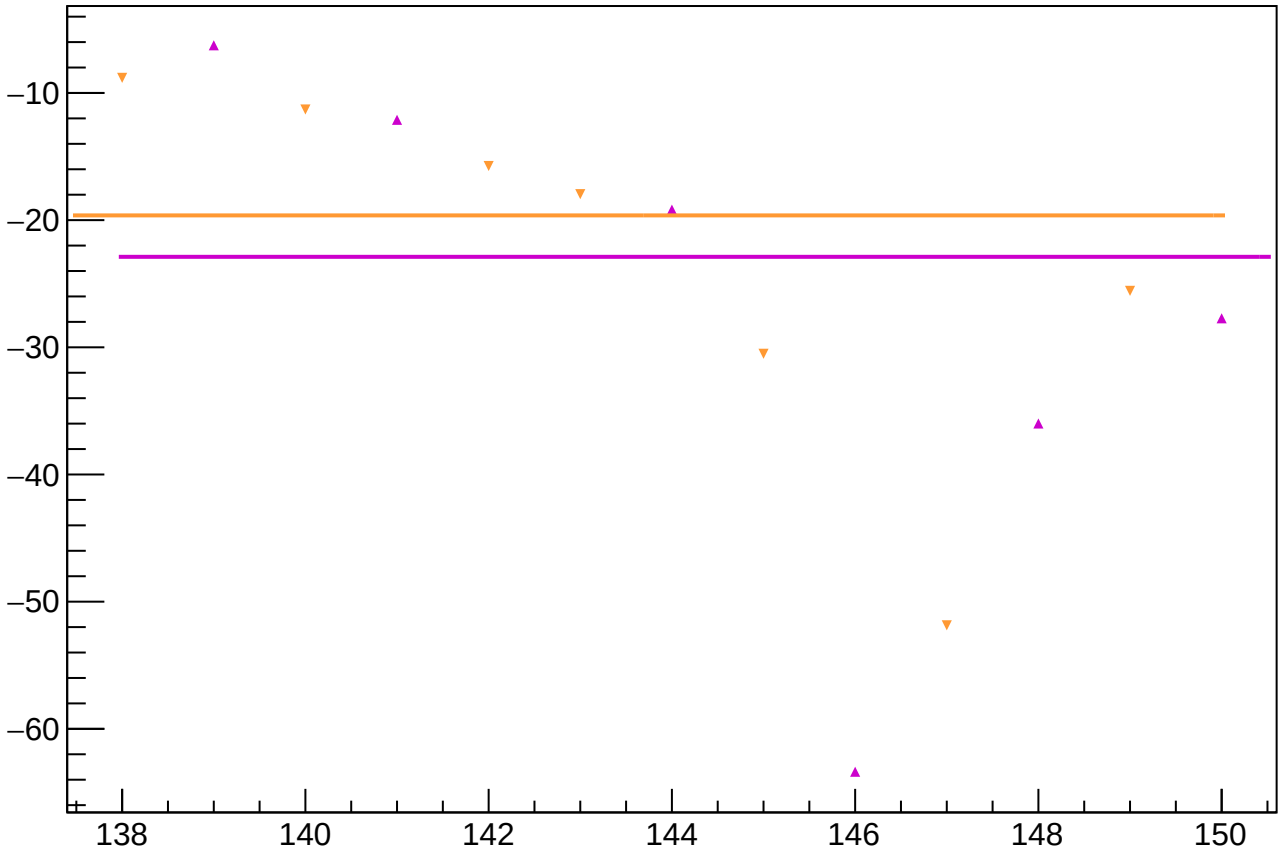
Left In: 0.181+/-0.004 χ^2/NDF:586.4/5

+ sign 0.215+/-0.003 χ^2/NDF: 1552.7/23

All: 0.206+/-0.002 χ^2/NDF: 3331.6/48

- sign 0.198+/-0.003 χ^2/NDF: 1761.6/24

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -19.627+/-0.106 χ^2/NDF:13930.0/6

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

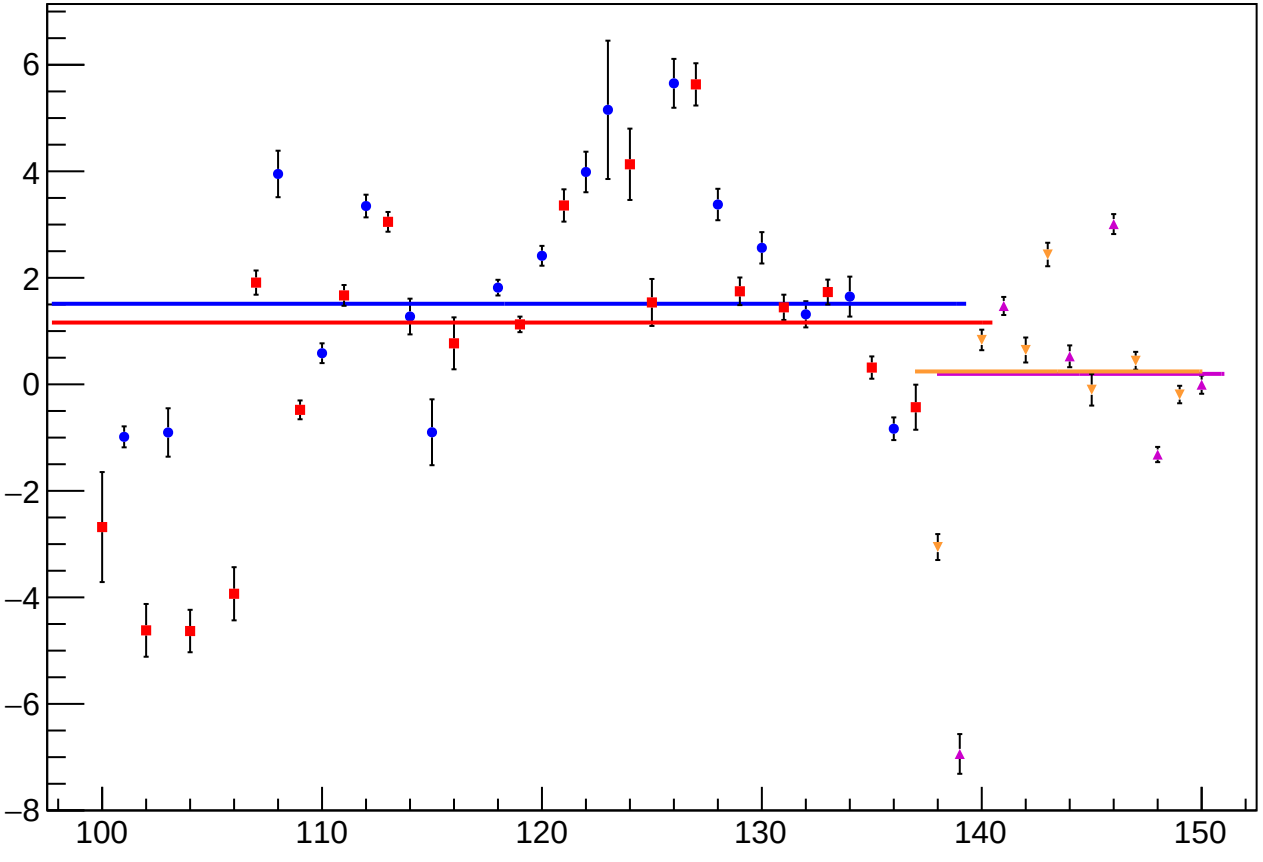
Left In: -22.884+/-0.105 χ^2/NDF:27217.4/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.271+/-0.074 χ^2/NDF: 41626.1/12

- 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: 0.242+/-0.077 χ^2/NDF:304.5/6

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

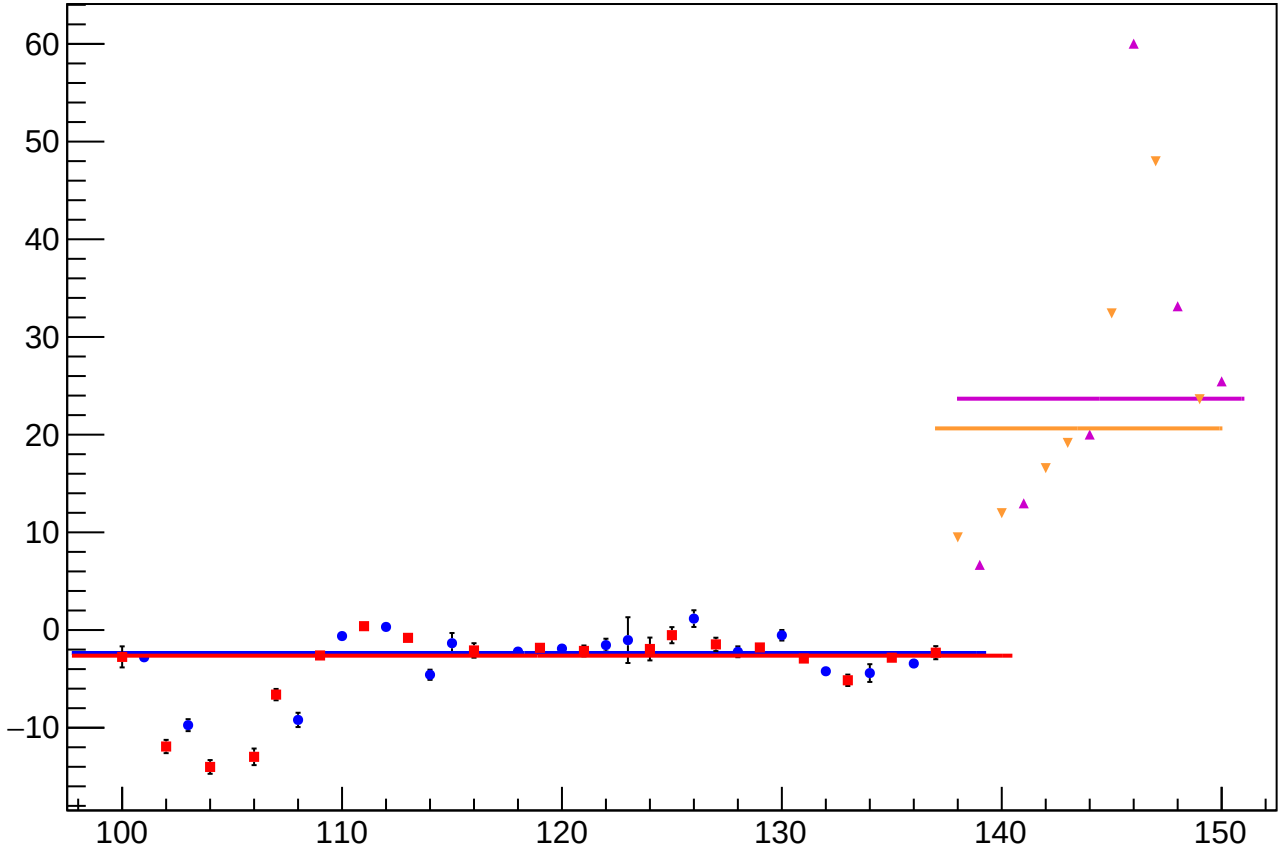
Left In: 0.197+/-0.075 χ^2/NDF:764.1/5

+ sign 1.010+/-0.049 χ^2/NDF: 1136.9/23

All: 0.893+/-0.034 χ^2/NDF: 2929.5/48

- sign 0.784+/-0.047 χ^2/NDF: 1781.5/24

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 20.641+/-0.109 χ^2/NDF:11791.0/6

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

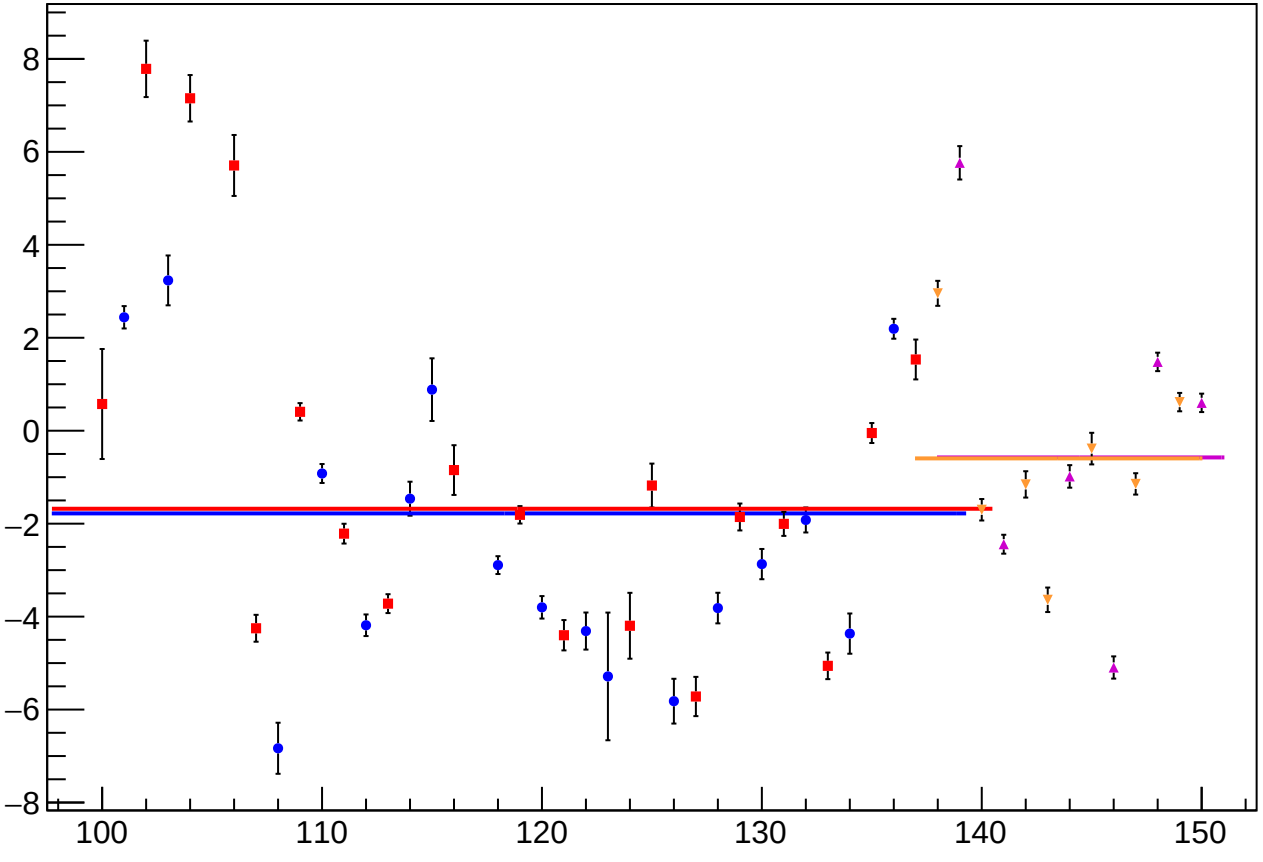
Left In: 23.682+/-0.106 χ^2/NDF:23194.3/5

+ sign 9.699+/-0.079 χ^2/NDF: 33433.6/23

All: 9.950+/-0.054 χ^2/NDF: 89071.8/48

- sign 10.171+/-0.074 χ^2/NDF: 55619.1/24

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -0.596+/-0.094 χ^2/NDF:378.0/6

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

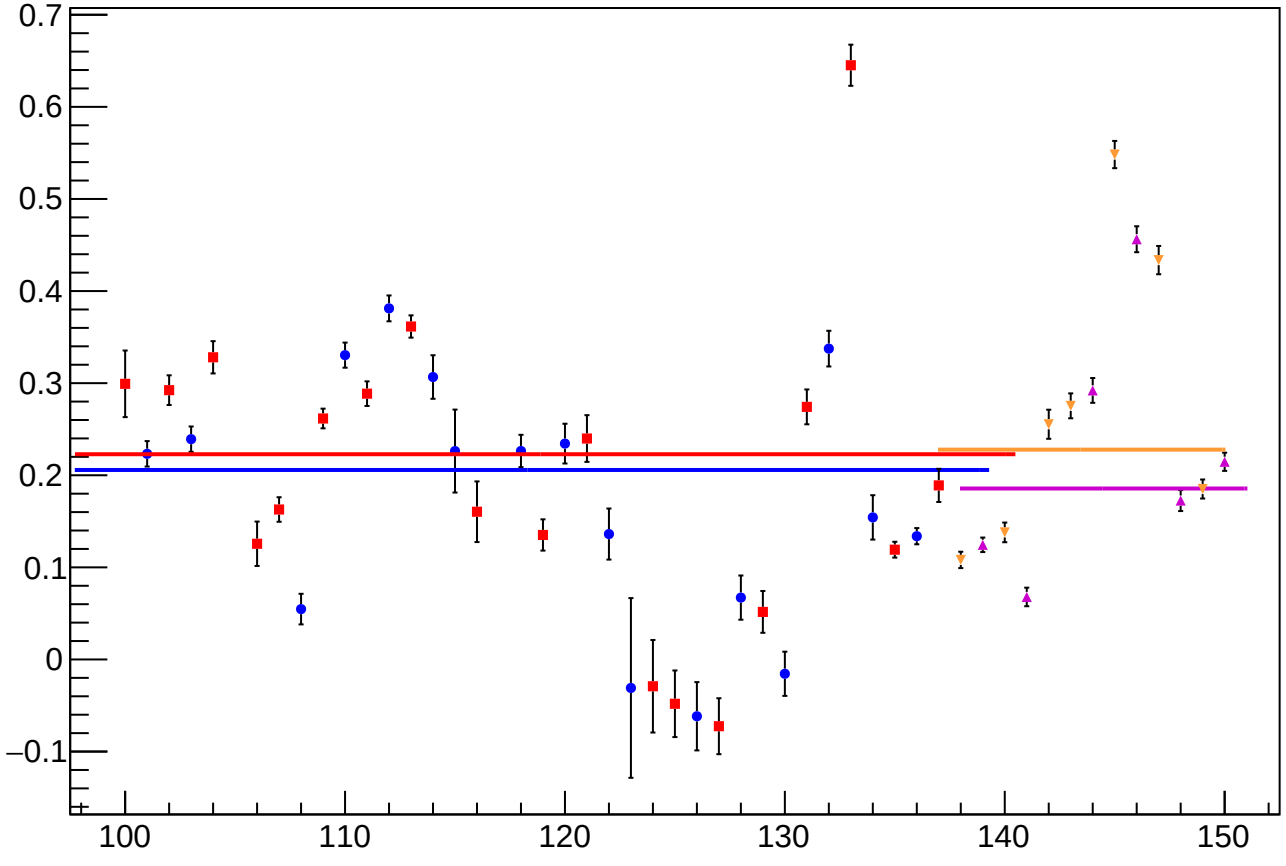
Left In: -0.575+/-0.092 χ^2/NDF:898.1/5

+ sign -1.341+/-0.057 χ^2/NDF: 1749.4/23

All: -1.315+/-0.040 χ^2/NDF: 4170.1/48

- sign -1.291+/-0.055 χ^2/NDF: 2420.3/24

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.228+/-0.005 χ^2/NDF:934.2/6

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.186+/-0.004 χ^2/NDF:637.8/5

+ sign 0.216+/-0.003 χ^2/NDF: 1598.7/23

All: 0.211+/-0.002 χ^2/NDF: 3326.0/48

- sign 0.206+/-0.003 χ^2/NDF: 1721.8/24