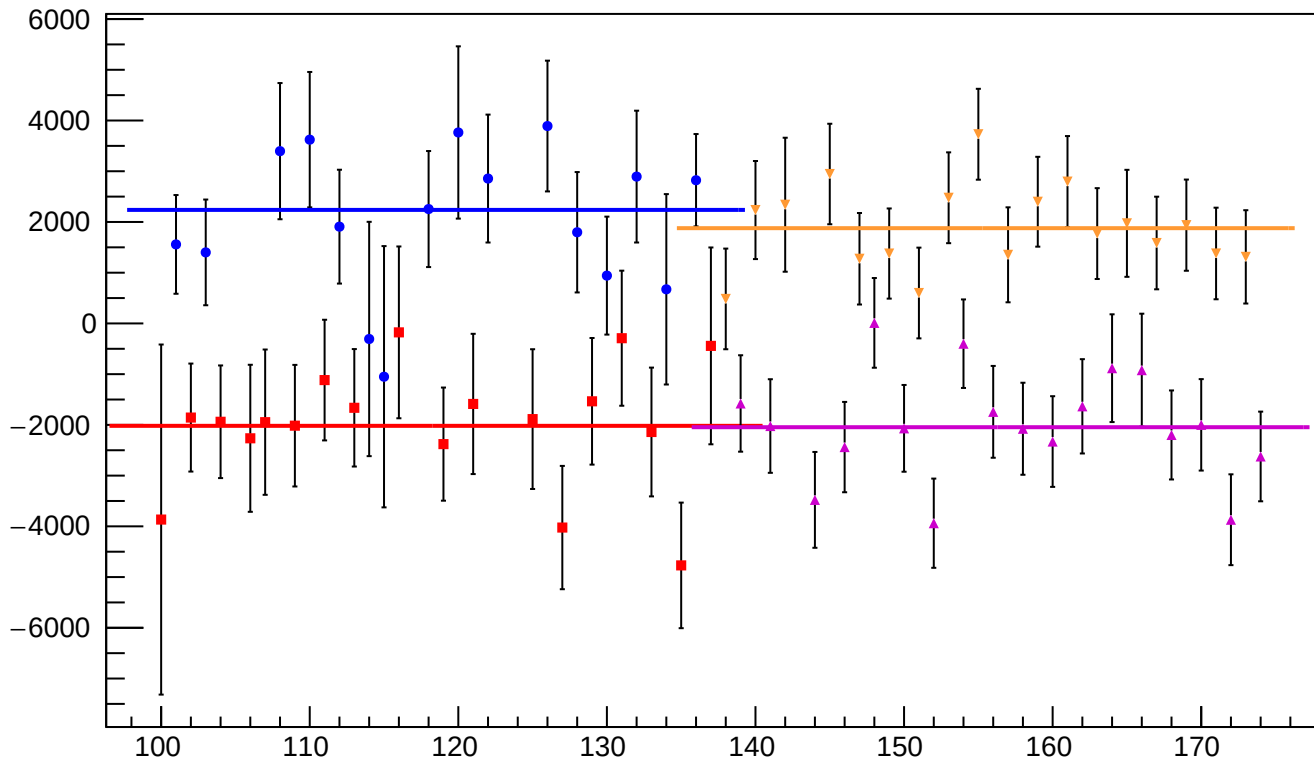


dit_asym_us_avg_mean vs Slug



Right In: 2237.929 $\pm$ 314.642

χ^2/NDF : 11.3/15

+ sign 1996.400 $\pm$ 180.572

χ^2/NDF : 25.6/33

Left Out: 1877.783 $\pm$ 220.499

χ^2/NDF : 13.4/17

All: -64.020 $\pm$ 126.290

χ^2/NDF : 316.7/69

Right Out: -2018.625 $\pm$ 308.362

χ^2/NDF : 12.6/17

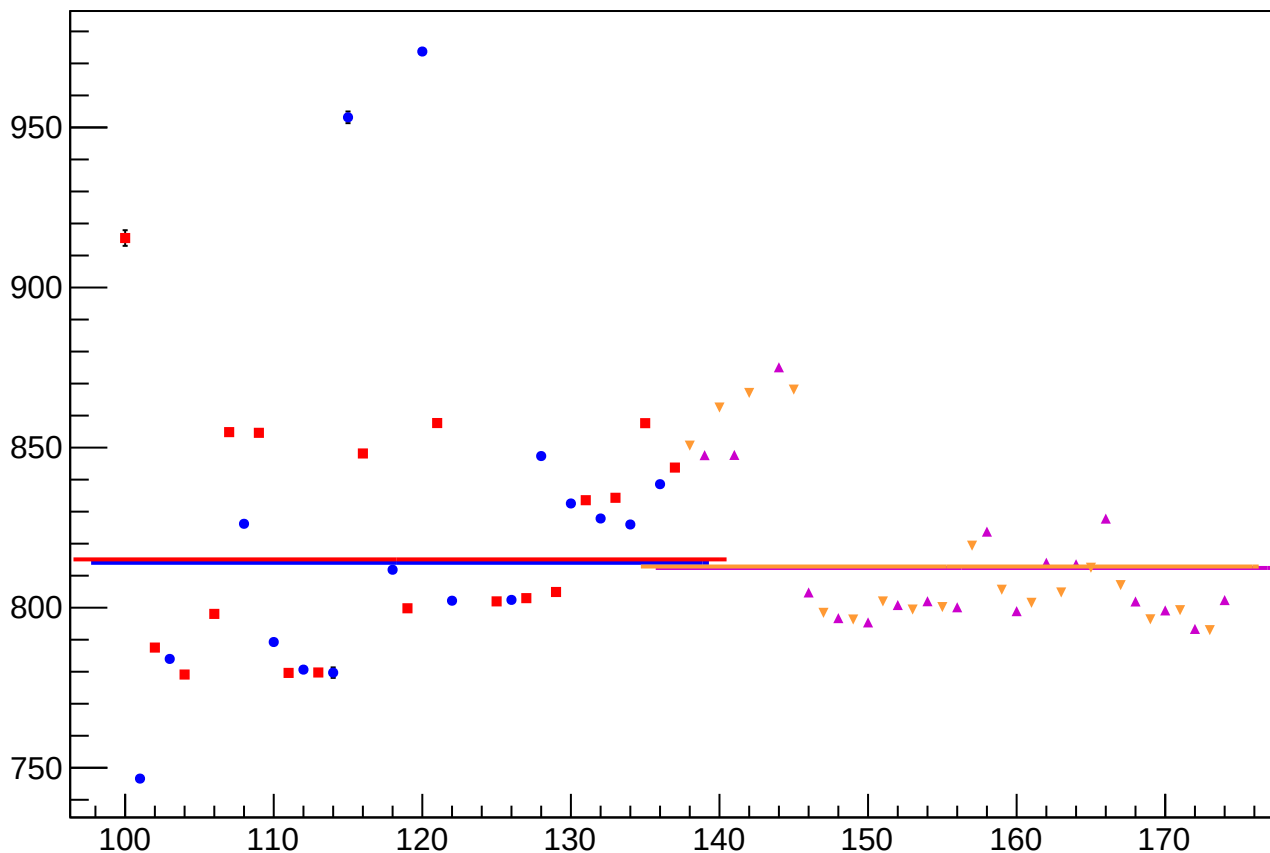
- sign -2036.832 $\pm$ 176.692

χ^2/NDF : 36.2/35

Left In: -2045.732 $\pm$ 215.595

χ^2/NDF : 23.6/17

dit_asym_us_avg_rms vs Slug



Right In: 814.021 $\pm$ 0.222 χ^2 /NDF: 42041.6/15

Left Out: 812.859 $\pm$ 0.156 χ^2 /NDF: 22983.7/17

Right Out: 815.084 $\pm$ 0.218 χ^2 /NDF: 19959.3/17

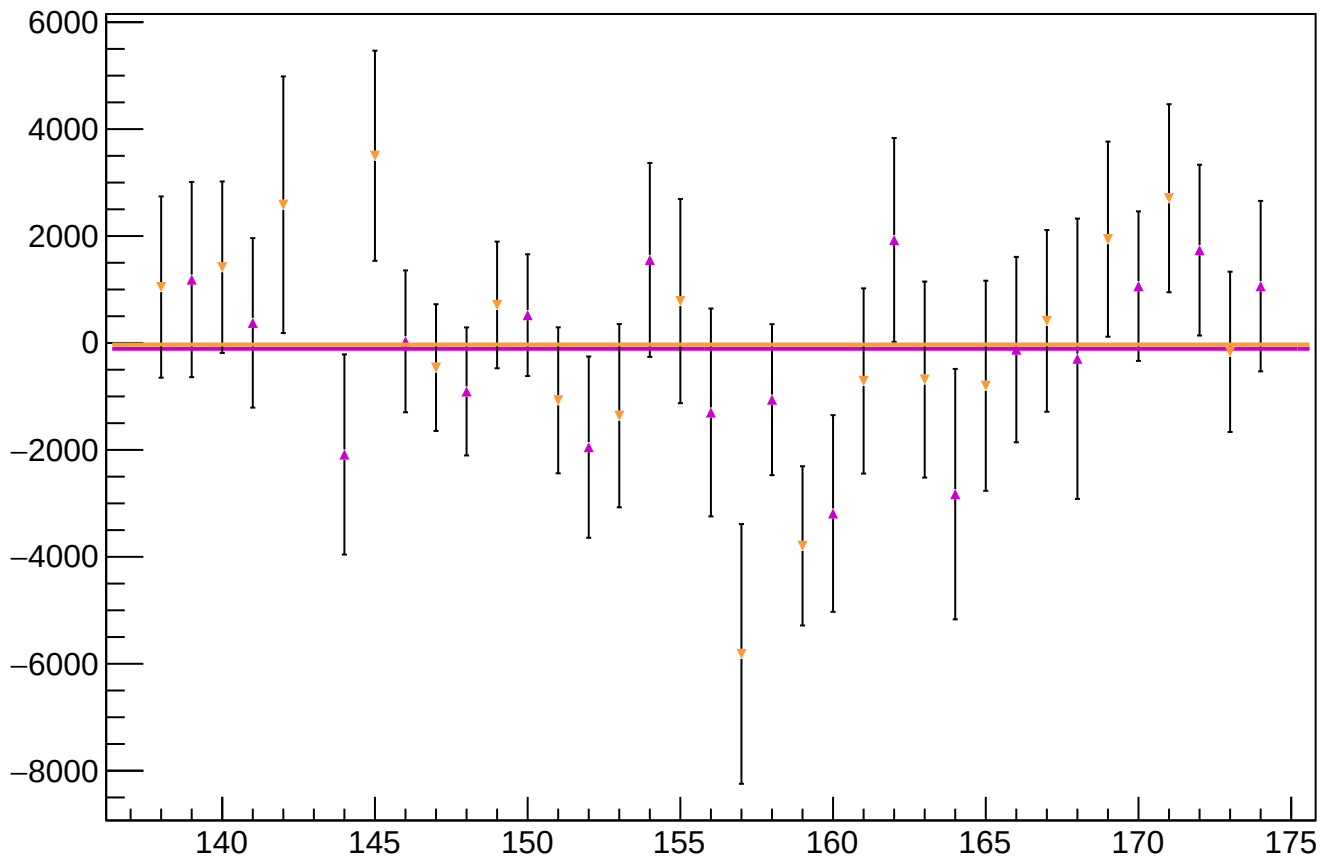
Left In: 812.410 $\pm$ 0.152 χ^2 /NDF: 20089.0/17

+ sign 813.242 $\pm$ 0.128 χ^2 /NDF: 65043.6/33

All: 813.265 $\pm$ 0.089 χ^2 /NDF: 105193.0/69

- sign 813.288 $\pm$ 0.125 χ^2 /NDF: 40149.3/35

asym_us_avg_correction_mean vs Slug



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

Left Out: -28.731+/-387.193 χ^2/NDF :23.7/17

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

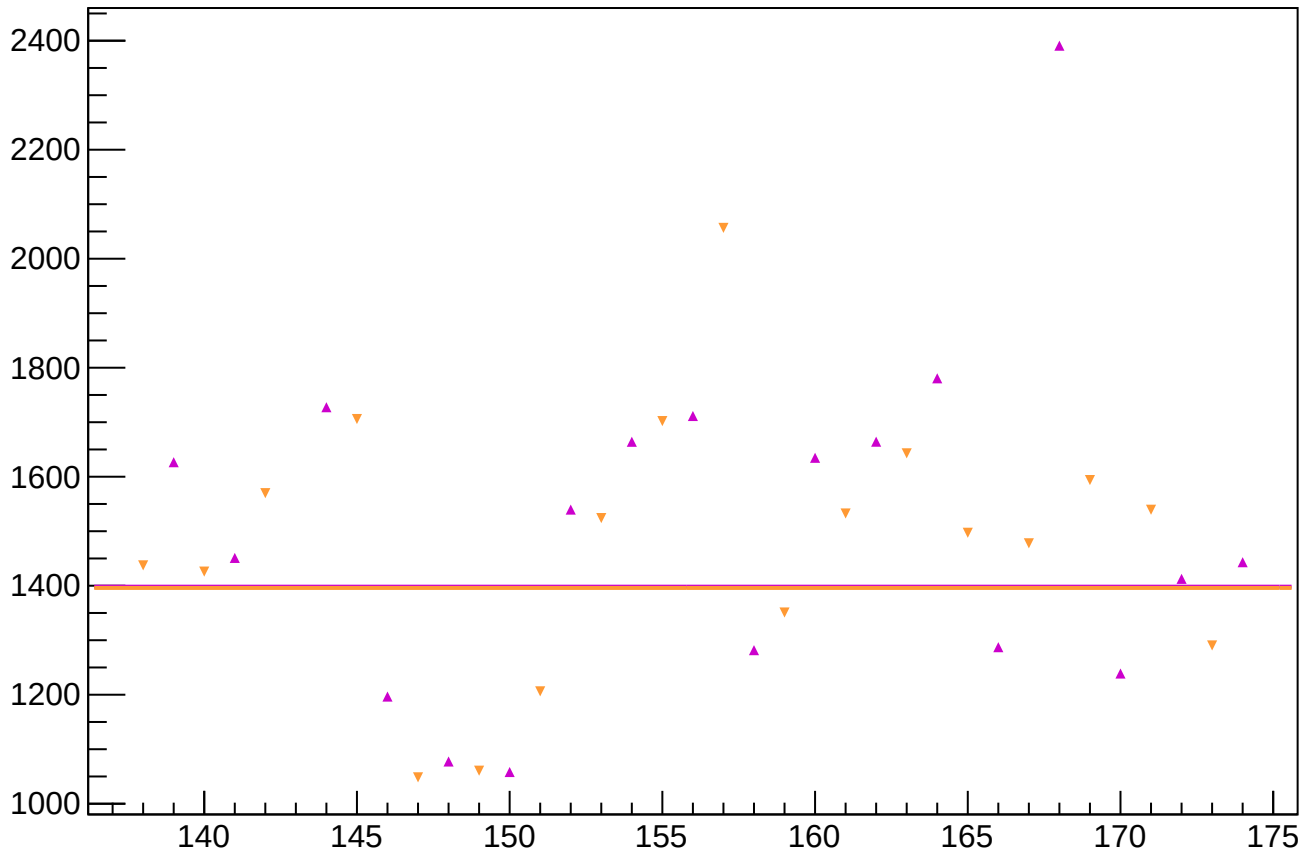
Left In: -108.120+/-378.882 χ^2/NDF :13.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.286+/-270.801 χ^2/NDF : 36.9/35

- 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: 1395.940+/-0.274 χ^2/NDF : 750754.3/17

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

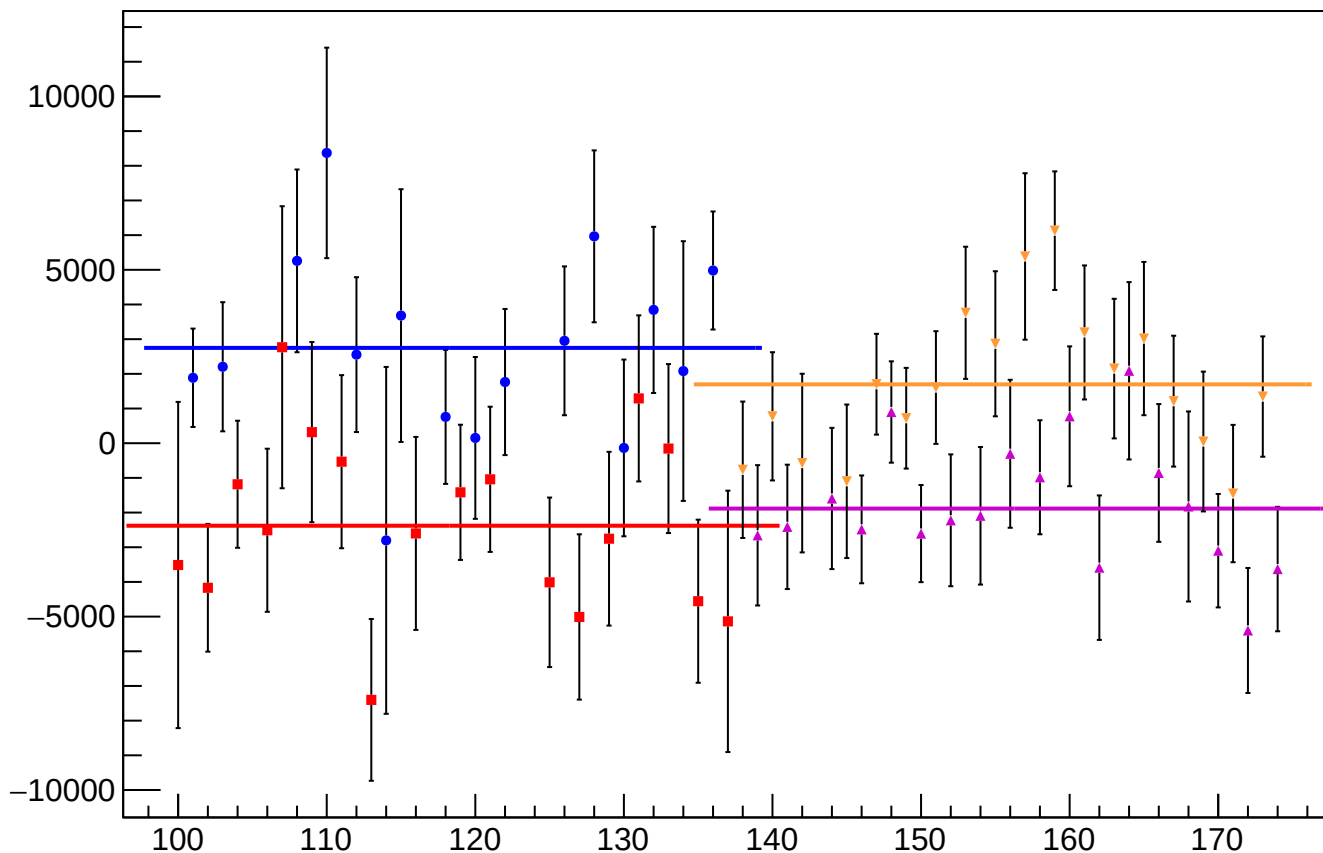
Left In: 1398.241+/-0.268 χ^2/NDF : 1033754.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.115+/-0.191 χ^2/NDF : 1784544.6/35

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



Right In: 2748.777 $\pm$ 562.943 χ^2 /NDF: 13.5/15

Left Out: 1696.762 $\pm$ 443.425 χ^2 /NDF:19.5/17

Right Out: -2379.450 $\pm$ 568.967 χ^2 /NDF: 16.2/17

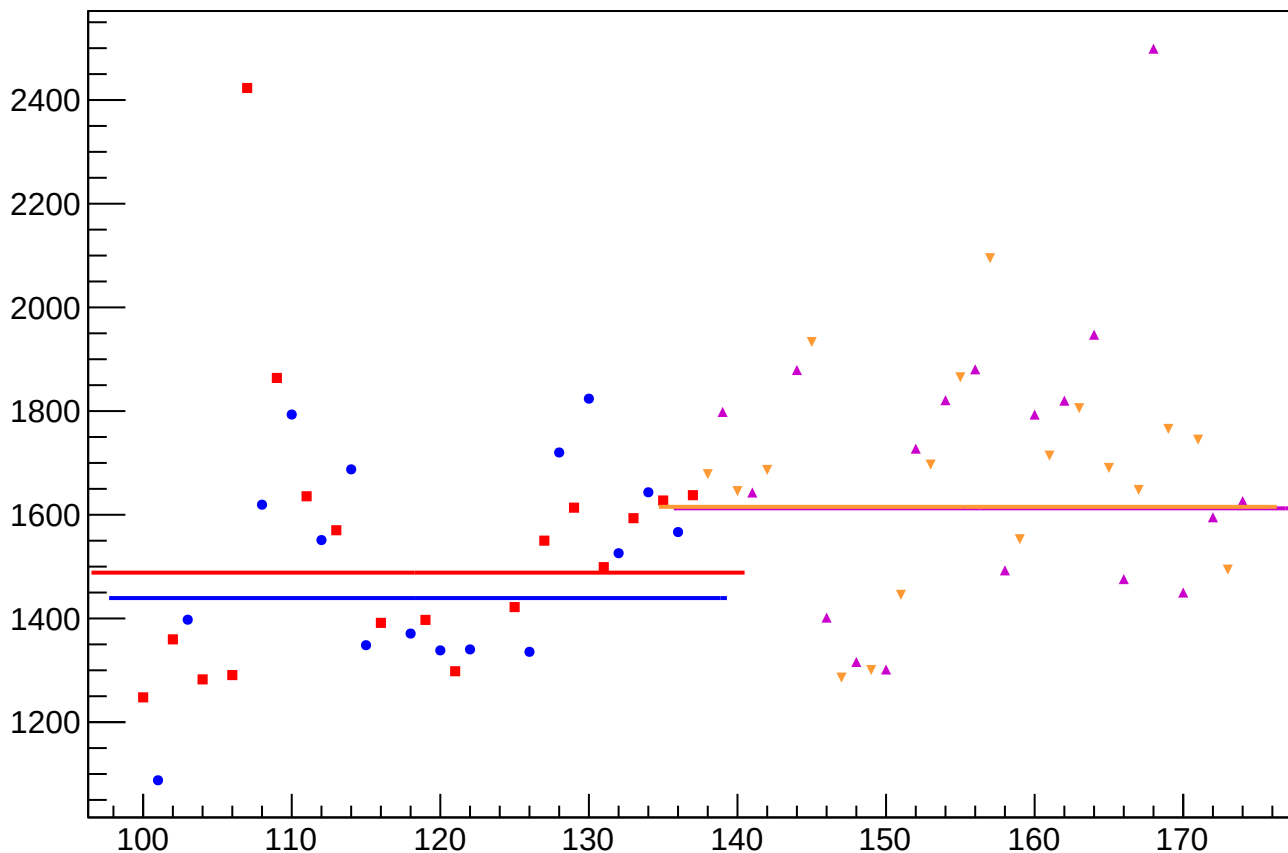
Left In: -1884.951 $\pm$ 433.681 χ^2 /NDF:15.6/17

+ sign 2099.568 $\pm$ 348.339 χ^2 /NDF: 35.2/33

All: -4.155 $\pm$ 245.091 χ^2 /NDF: 139.7/69

- sign -2066.672 $\pm$ 344.910 χ^2 /NDF: 32.3/35

asym_us_avg_rms vs Slug



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

Left Out: 1615.347+/-0.314 χ^2/NDF : 434092.4/17

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

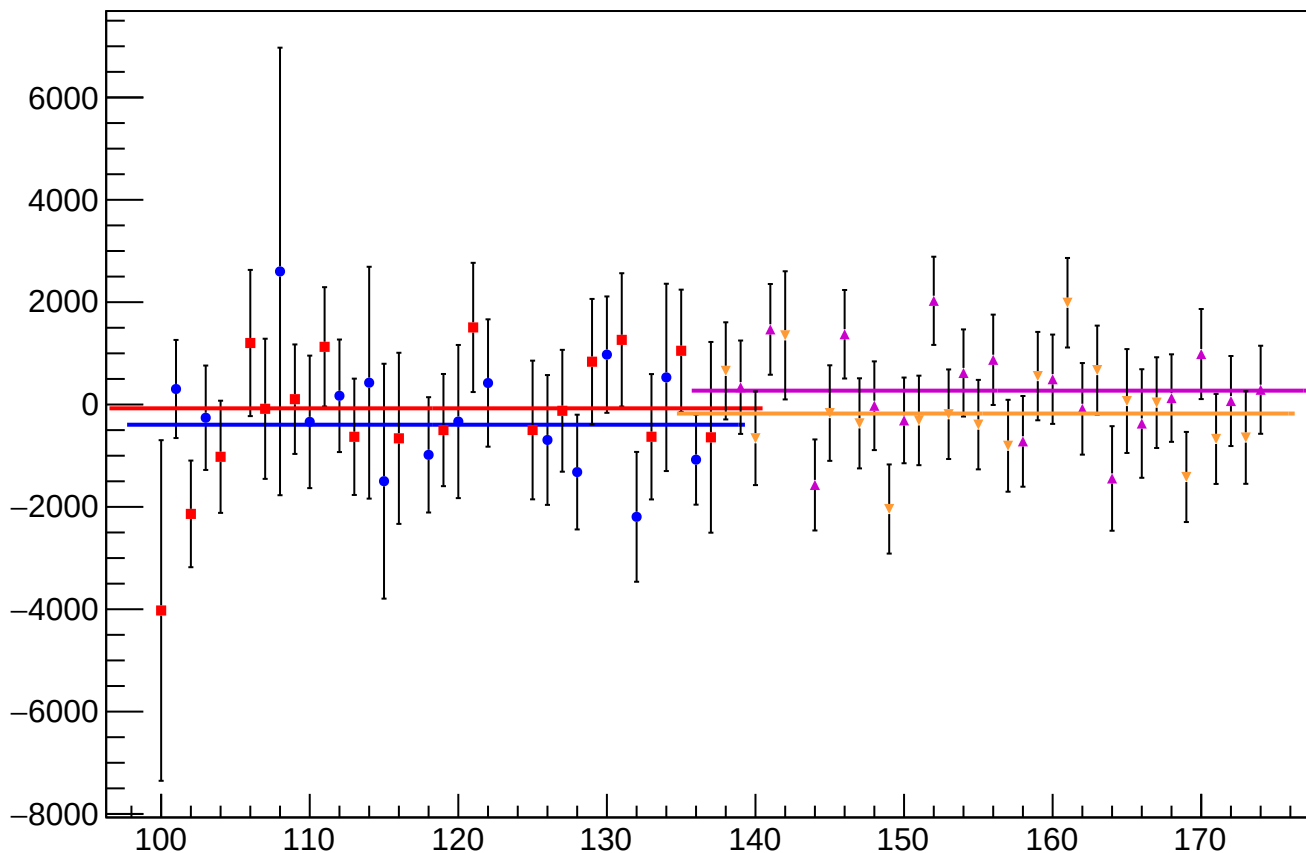
Left In: 1612.397+/-0.307 χ^2/NDF : 650063.6/17

+ sign 1547.952+/-0.246 χ^2/NDF : 832612.4/33

All: 1557.482+/-0.173 χ^2/NDF : 1802063.2/69

- sign 1566.824+/-0.244 χ^2/NDF : 966486.7/35

dit_asym_us_dd_mean vs Slug



Right In: -394.364 $\pm$ 313.174 χ^2 /NDF: 7.4/15

Left Out: -176.025 $\pm$ 213.784 χ^2 /NDF:18.2/17

Right Out: -74.289 $\pm$ 298.398 χ^2 /NDF: 12.9/17

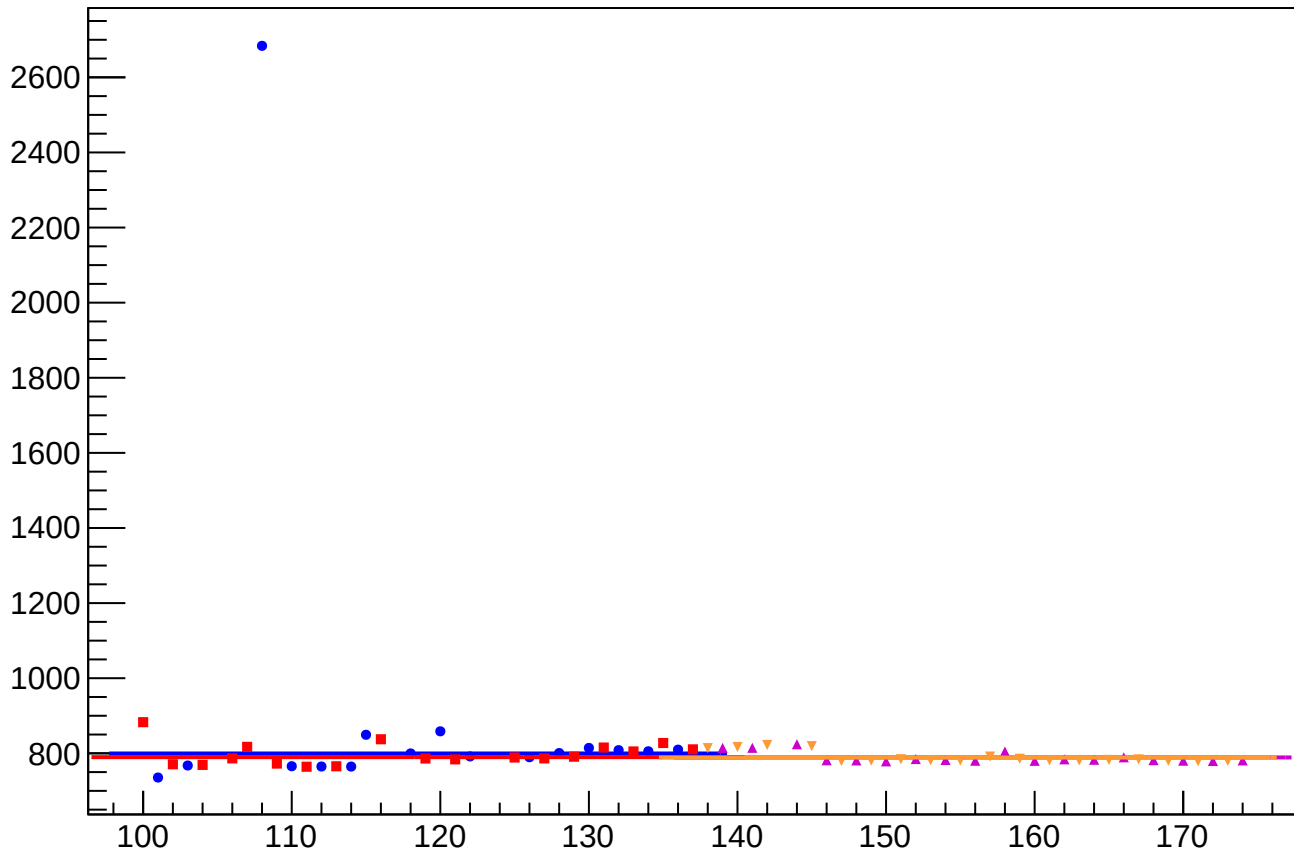
Left In: 271.329 $\pm$ 209.304 χ^2 /NDF:18.5/17

+ sign -245.428 $\pm$ 176.567 χ^2 /NDF: 26.0/33

All: -38.000 $\pm$ 122.967 χ^2 /NDF: 61.0/69

- sign 157.359 $\pm$ 171.354 χ^2 /NDF: 32.4/35

dit_asym_us_dd_rms vs Slug



Right In: 799.537 $\pm$ 0.221 χ^2 /NDF: 391185.9/15

Left Out: 788.757 $\pm$ 0.151 χ^2 /NDF: 8712.2/17

Right Out: 789.794 $\pm$ 0.211 χ^2 /NDF: 11174.9/17

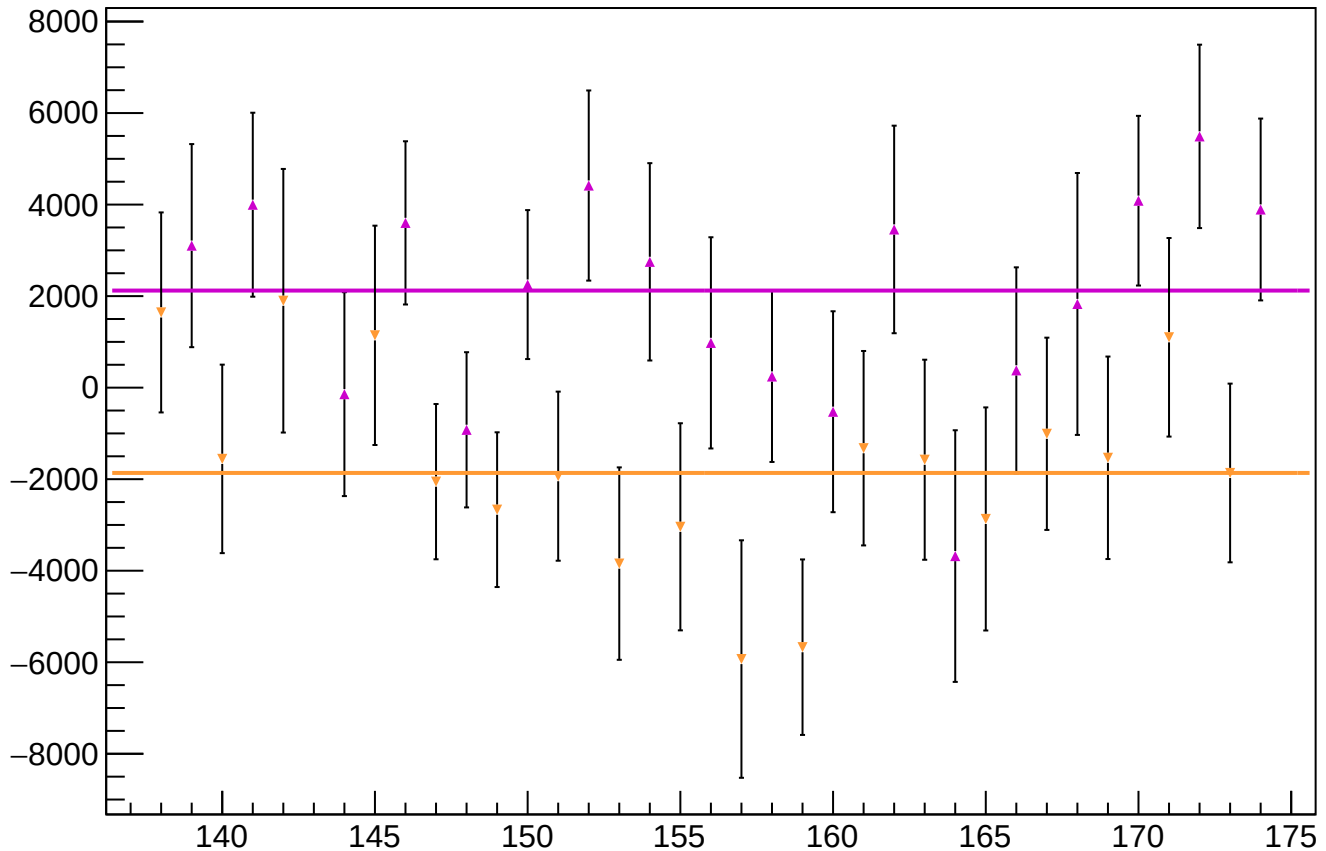
Left In: 788.976 $\pm$ 0.148 χ^2 /NDF: 9067.9/17

+ sign 792.184 $\pm$ 0.125 χ^2 /NDF: 401514.6/33

All: 790.671 $\pm$ 0.087 χ^2 /NDF: 422052.7/69

- sign 789.246 $\pm$ 0.121 χ^2 /NDF: 20252.9/35

asym_us_dd_correction_mean vs Slug



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

Left Out: -1863.500+/-495.224 χ^2/NDF : 16.0/17

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

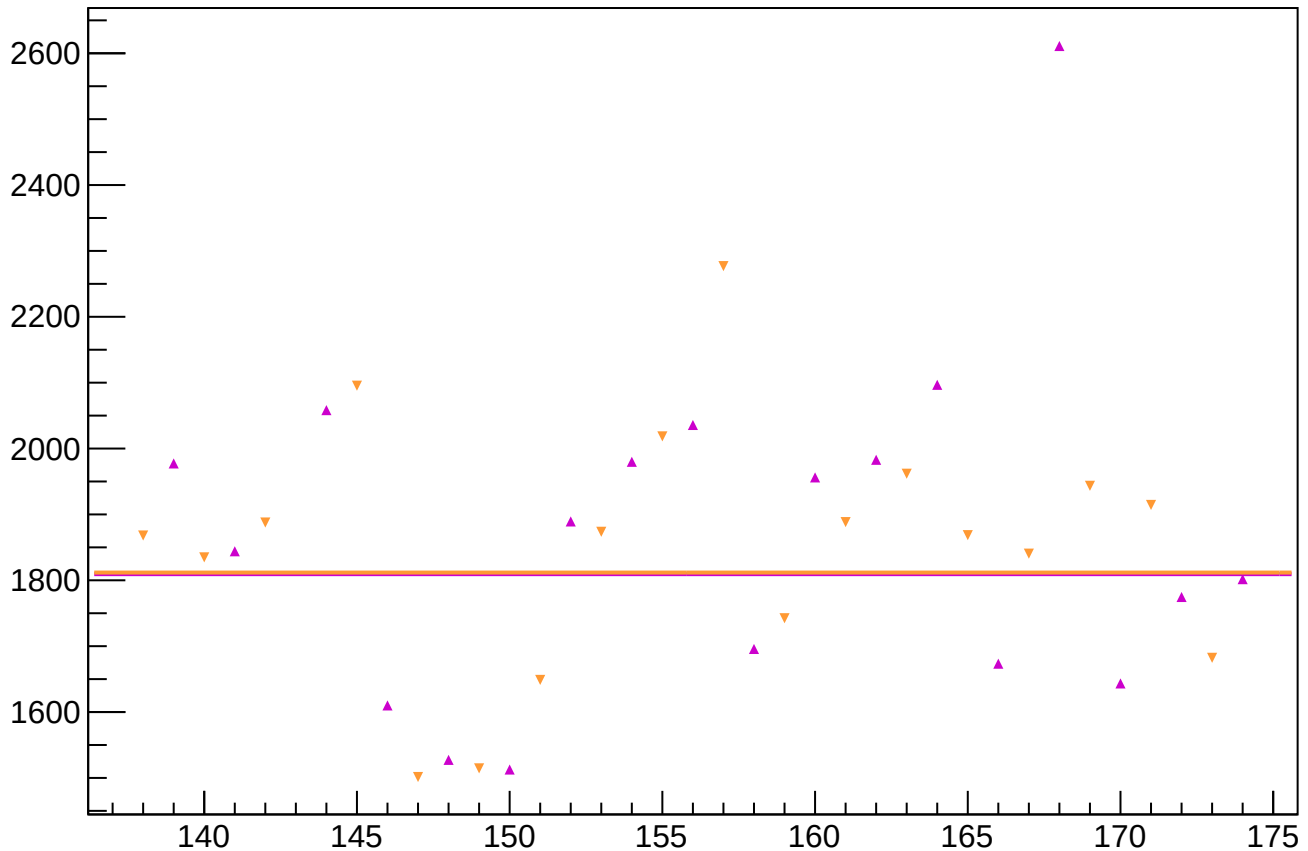
Left In: 2121.428+/-484.469 χ^2/NDF : 20.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.707+/-346.311 χ^2/NDF : 69.3/35

- 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: 1811.750+/-0.350 χ^2/NDF : 294475.4/17

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

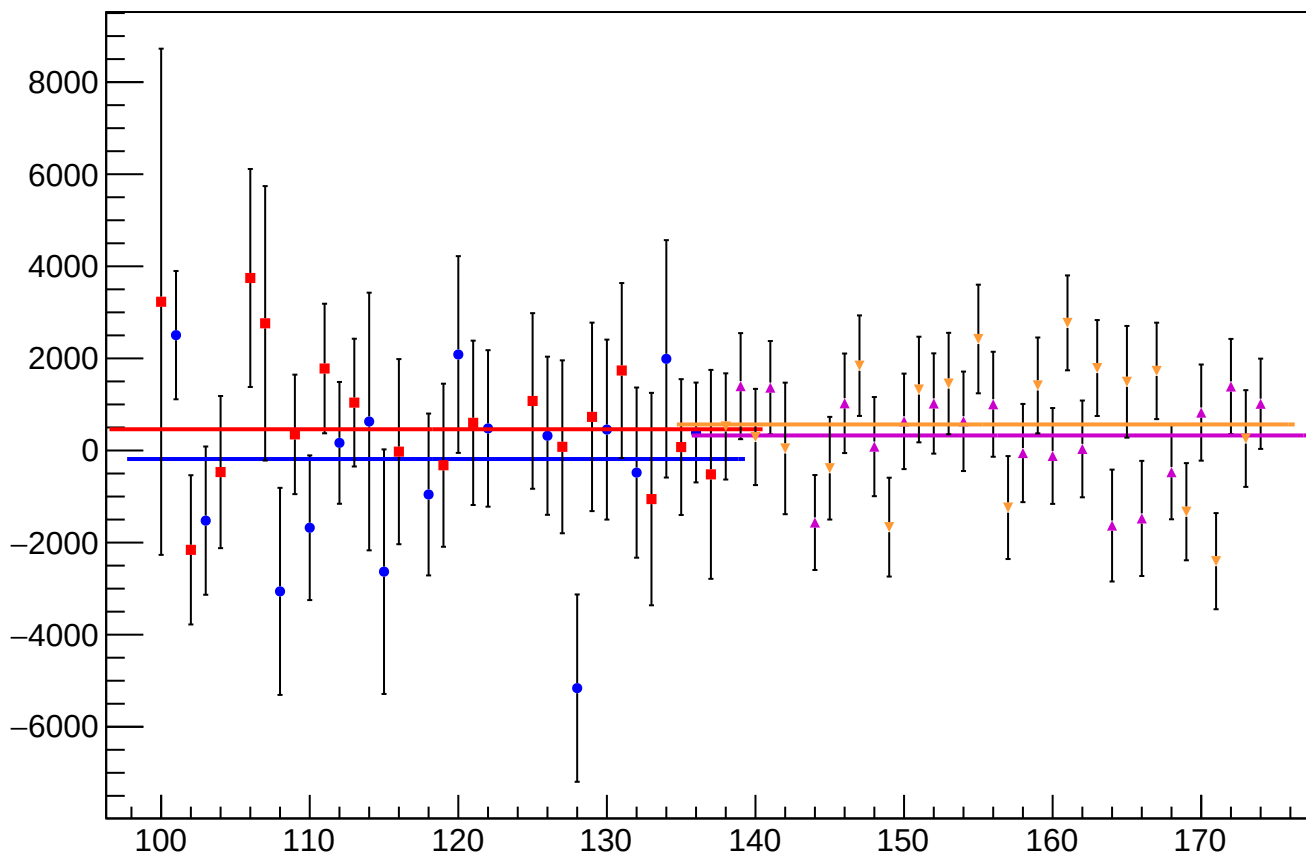
Left In: 1809.322+/-0.343 χ^2/NDF : 449326.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1810.509+/-0.245 χ^2/NDF : 743826.2/35

- 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: 566.046 ± 259.304 χ^2/NDF : 32.6/17

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

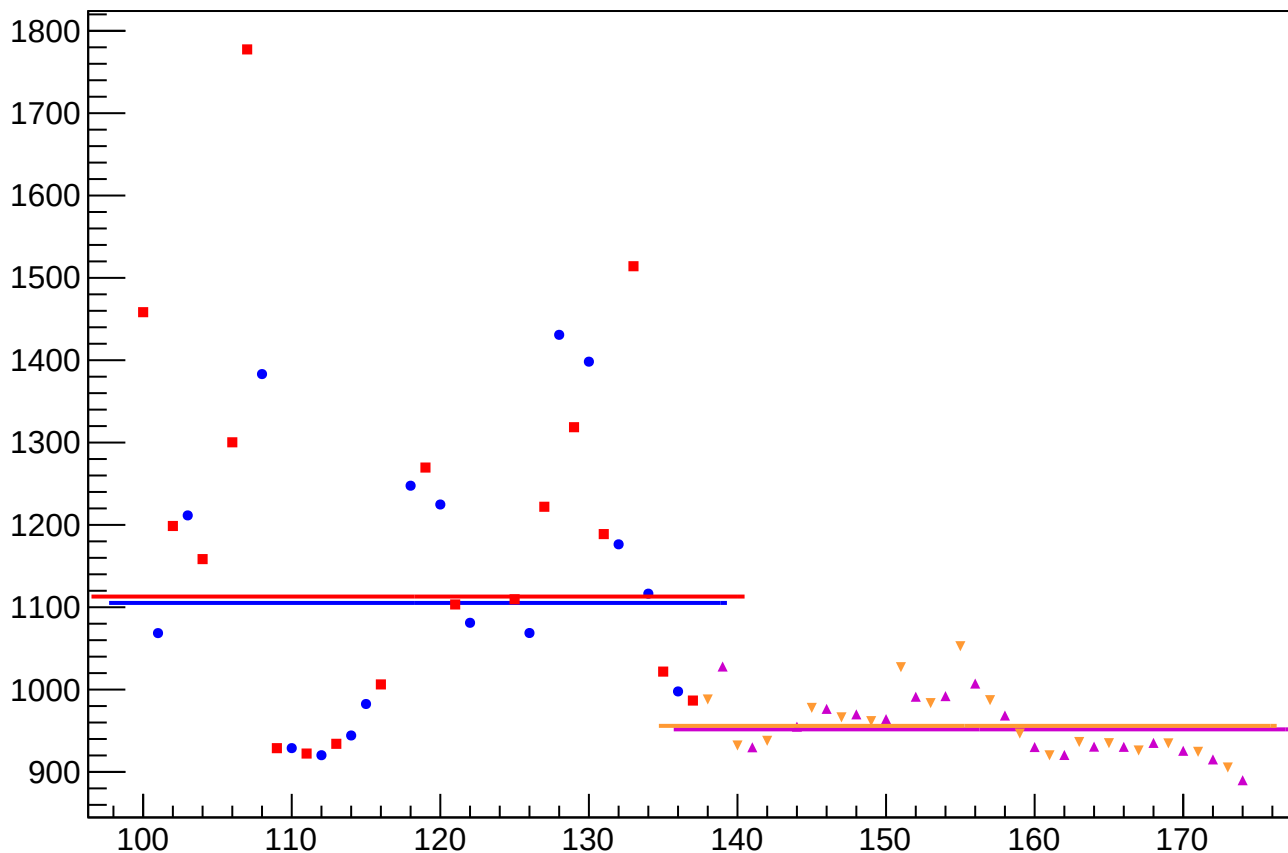
Left In: 326.791 ± 252.650 χ^2/NDF : 14.1/17

+ sign 366.765 ± 222.259 χ^2/NDF : 51.5/33

All: 364.161 ± 155.425 χ^2/NDF : 74.0/69

- sign 361.668 ± 217.429 χ^2/NDF : 22.5/35

asym_us_dd_rms vs Slug



Right In: 1105.236 $\pm$ 0.305 χ^2 /NDF: 255366.2/15

Left Out: 955.943 $\pm$ 0.183 χ^2 /NDF: 40662.4/17

Right Out: 1112.974 $\pm$ 0.302 χ^2 /NDF: 362995.4/17

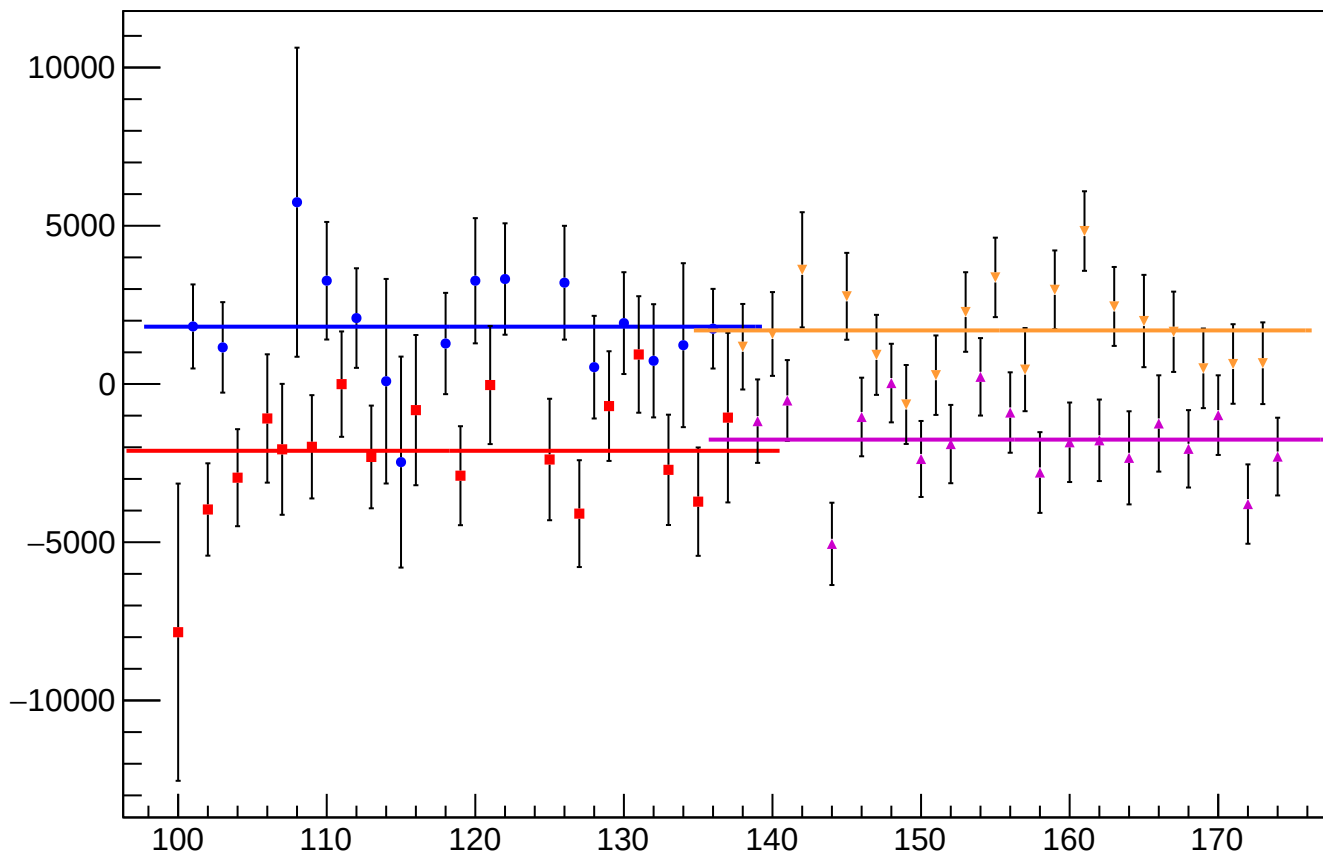
Left In: 951.687 $\pm$ 0.179 χ^2 /NDF: 38324.7/17

+ sign 995.553 $\pm$ 0.157 χ^2 /NDF: 471924.4/33

All: 994.515 $\pm$ 0.110 χ^2 /NDF: 1084740.9/69

- sign 993.522 $\pm$ 0.154 χ^2 /NDF: 612731.1/35

dit_asym_usl_mean vs Slug



Right In: 1811.054 $\pm$ 442.142 χ^2 /NDF: 6.5/15

Left Out: 1692.584 $\pm$ 307.487 χ^2 /NDF:19.9/17

Right Out: -2111.004 $\pm$ 427.676 χ^2 /NDF: 13.0/17

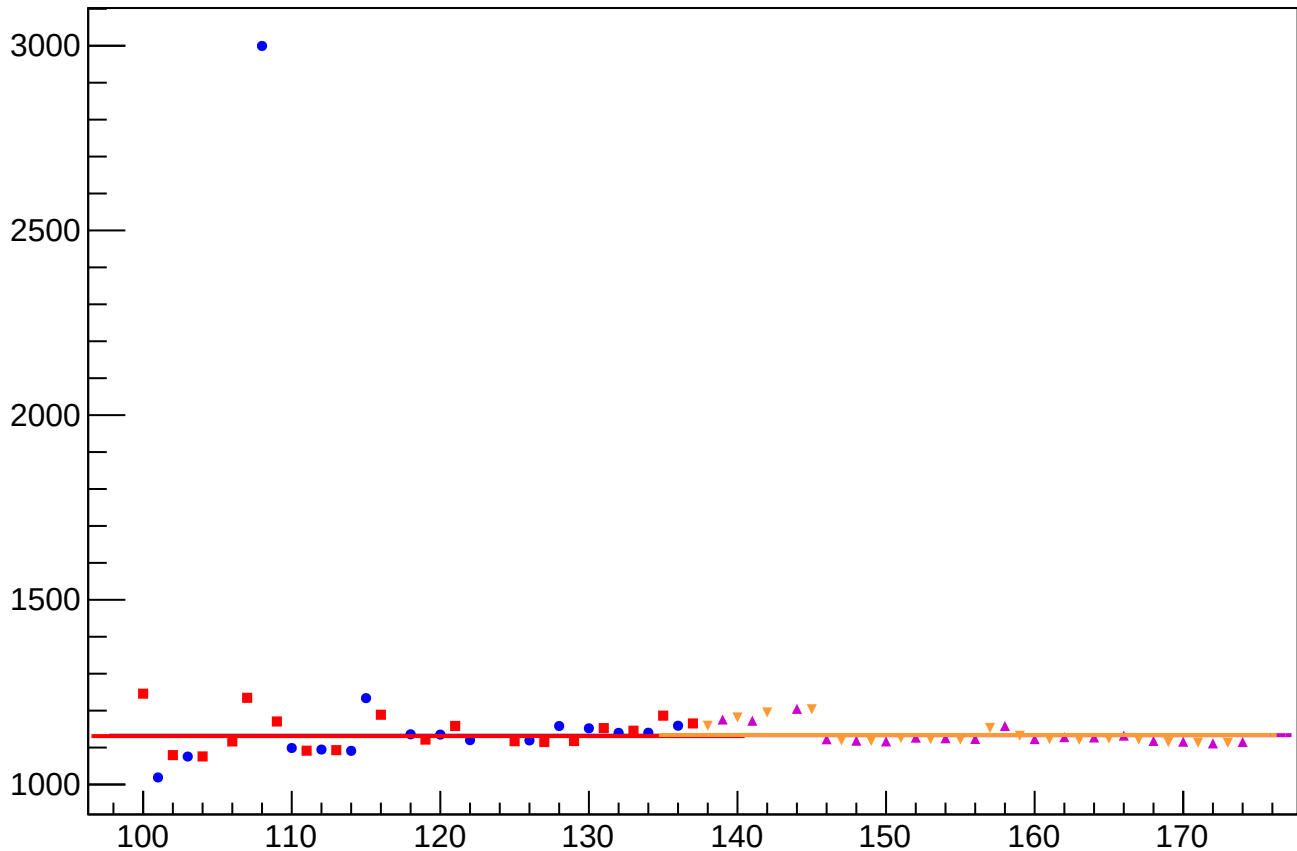
Left In: -1757.685 $\pm$ 300.757 χ^2 /NDF:17.5/17

+ sign 1731.203 $\pm$ 252.442 χ^2 /NDF: 26.4/33

All: -118.179 $\pm$ 176.187 χ^2 /NDF: 162.0/69

- sign -1874.597 $\pm$ 246.015 χ^2 /NDF: 31.0/35

dit_asym_usl_rms vs Slug



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

Left Out: 1134.039+/-0.217 χ^2/NDF : 14339.1/17

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

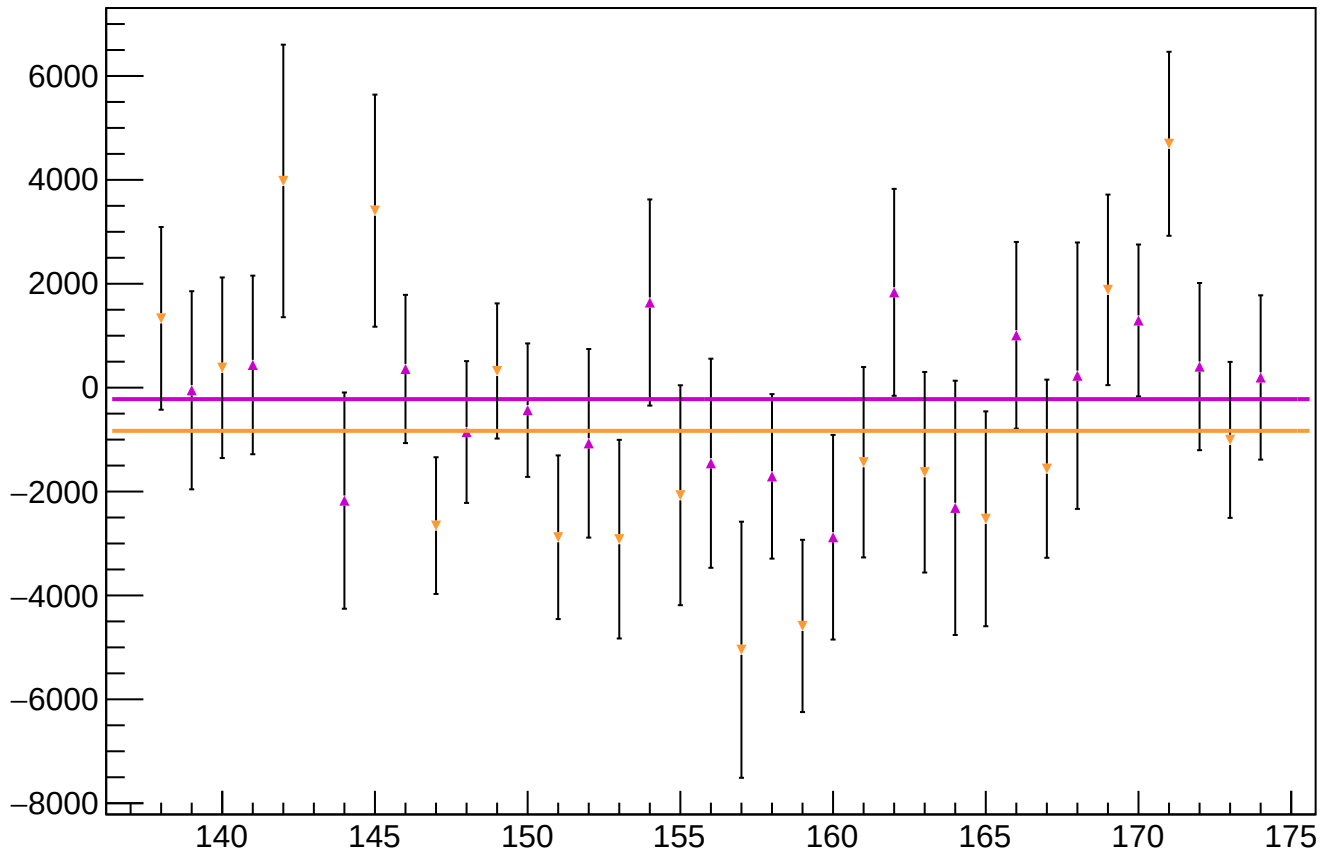
Left In: 1133.541+/-0.213 χ^2/NDF : 13838.0/17

+ sign 1133.398+/-0.179 χ^2/NDF : 330392.0/33

All: 1133.043+/-0.125 χ^2/NDF : 364003.4/69

- sign 1132.705+/-0.174 χ^2/NDF : 33603.7/35

asym_usl_correction_mean vs Slug



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

Left Out: -831.471+/-415.382 χ^2/NDF : 36.0/17

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

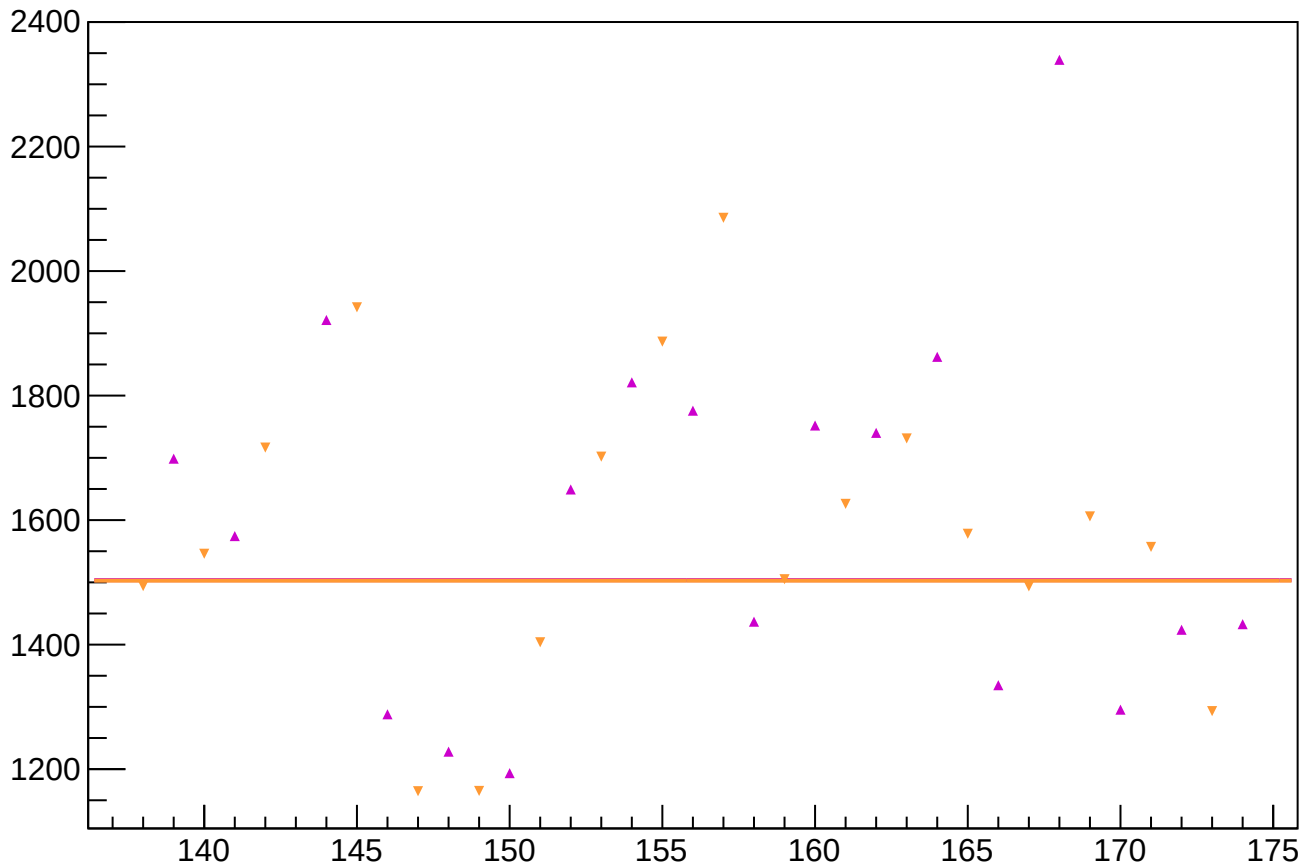
Left In: -220.668+/-405.782 χ^2/NDF : 9.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -518.929+/-290.266 χ^2/NDF : 46.3/35

- 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: 1502.769+/-0.294 χ^2/NDF : 652836.7/17

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

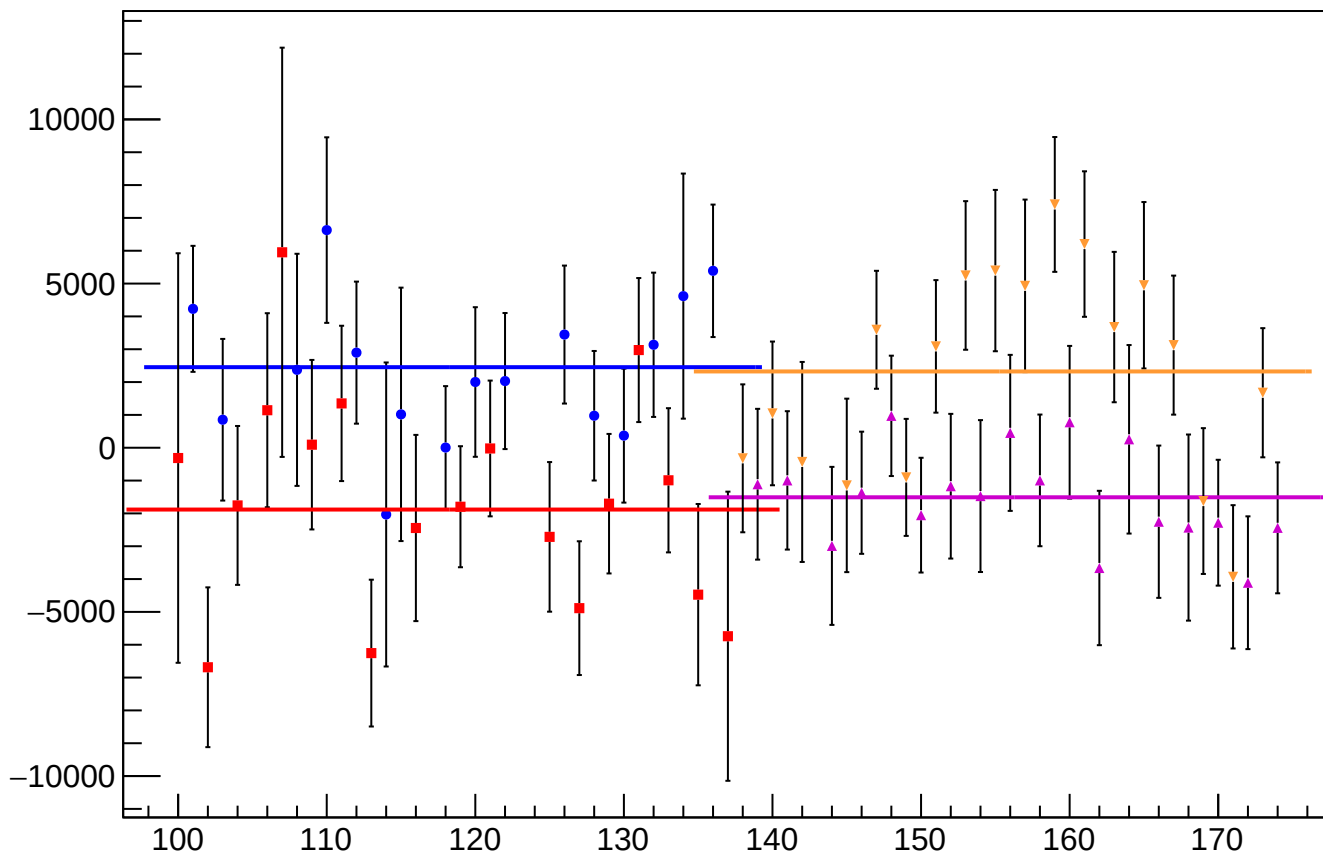
Left In: 1503.576+/-0.287 χ^2/NDF : 835183.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.182+/-0.205 χ^2/NDF : 1488023.9/35

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



Right In: 2453.670 $\pm$ 584.307 χ^2 /NDF: 10.8/15

Left Out: 2323.566 $\pm$ 518.856 χ^2 /NDF:34.7/17

Right Out: -1882.755 $\pm$ 583.188 χ^2 /NDF: 22.8/17

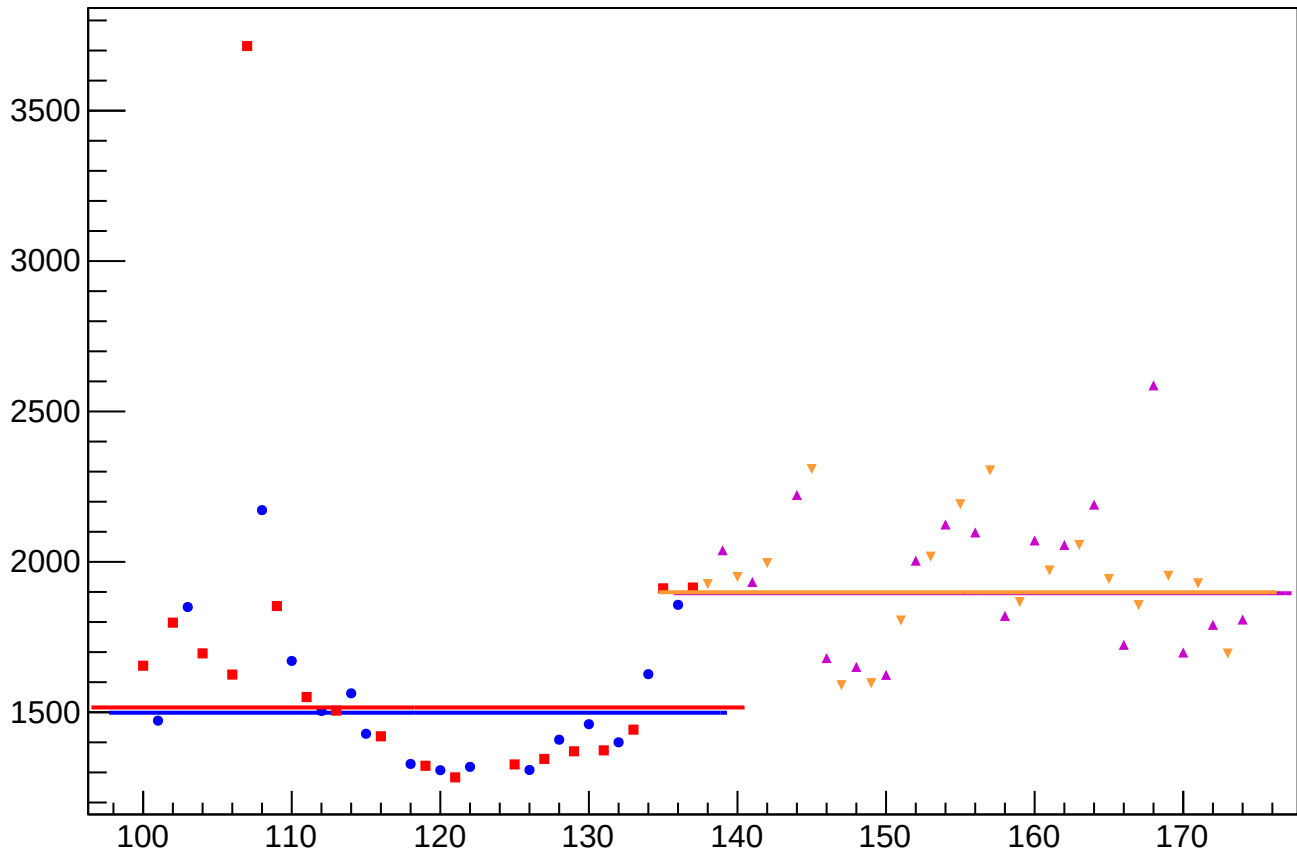
Left In: -1509.173 $\pm$ 507.267 χ^2 /NDF:7.6/17

+ sign 2380.926 $\pm$ 387.972 χ^2 /NDF: 45.4/33

All: 327.918 $\pm$ 272.468 χ^2 /NDF: 131.3/69

- sign -1670.079 $\pm$ 382.739 χ^2 /NDF: 30.6/35

asym_usl_rms vs Slug



Right In: 1498.485 $\pm$ 0.413 χ^2 /NDF: 258807.5/15

Left Out: 1898.995 $\pm$ 0.367 χ^2 /NDF: 290461.5/17

Right Out: 1515.949 $\pm$ 0.412 χ^2 /NDF: 480541.4/17

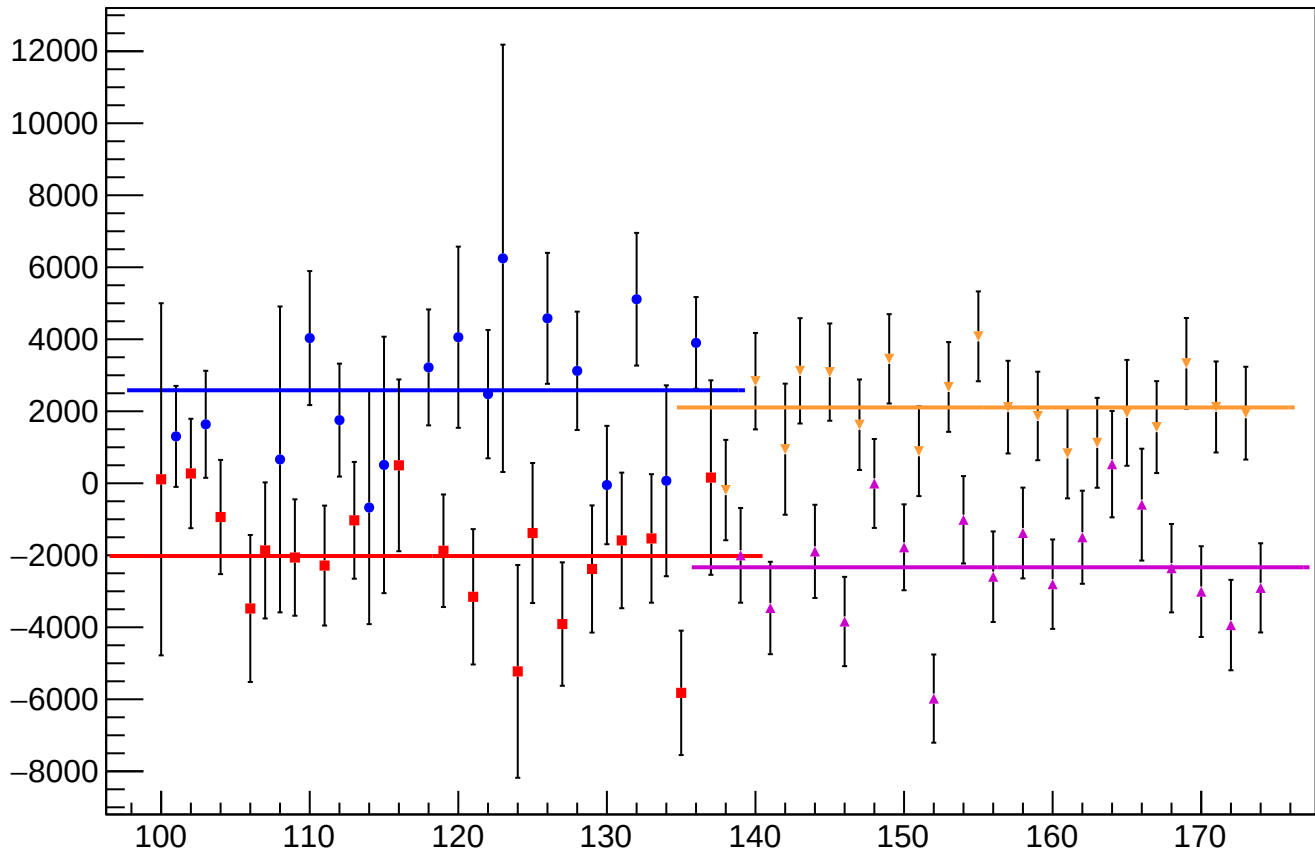
Left In: 1895.778 $\pm$ 0.359 χ^2 /NDF: 399614.3/17

+ sign 1722.419 $\pm$ 0.274 χ^2 /NDF: 1074660.6/33

All: 1727.366 $\pm$ 0.193 χ^2 /NDF: 2438429.8/69

- sign 1732.181 $\pm$ 0.271 χ^2 /NDF: 1363127.5/35

dit_asym_usr_mean vs Slug



Right In: 2582.988 $\pm$ 453.193 χ^2 /NDF: 12.3/16

Left Out: 2106.075 $\pm$ 300.359 χ^2 /NDF:12.3/18

Right Out: -2020.735 $\pm$ 426.756 χ^2 /NDF: 13.5/18

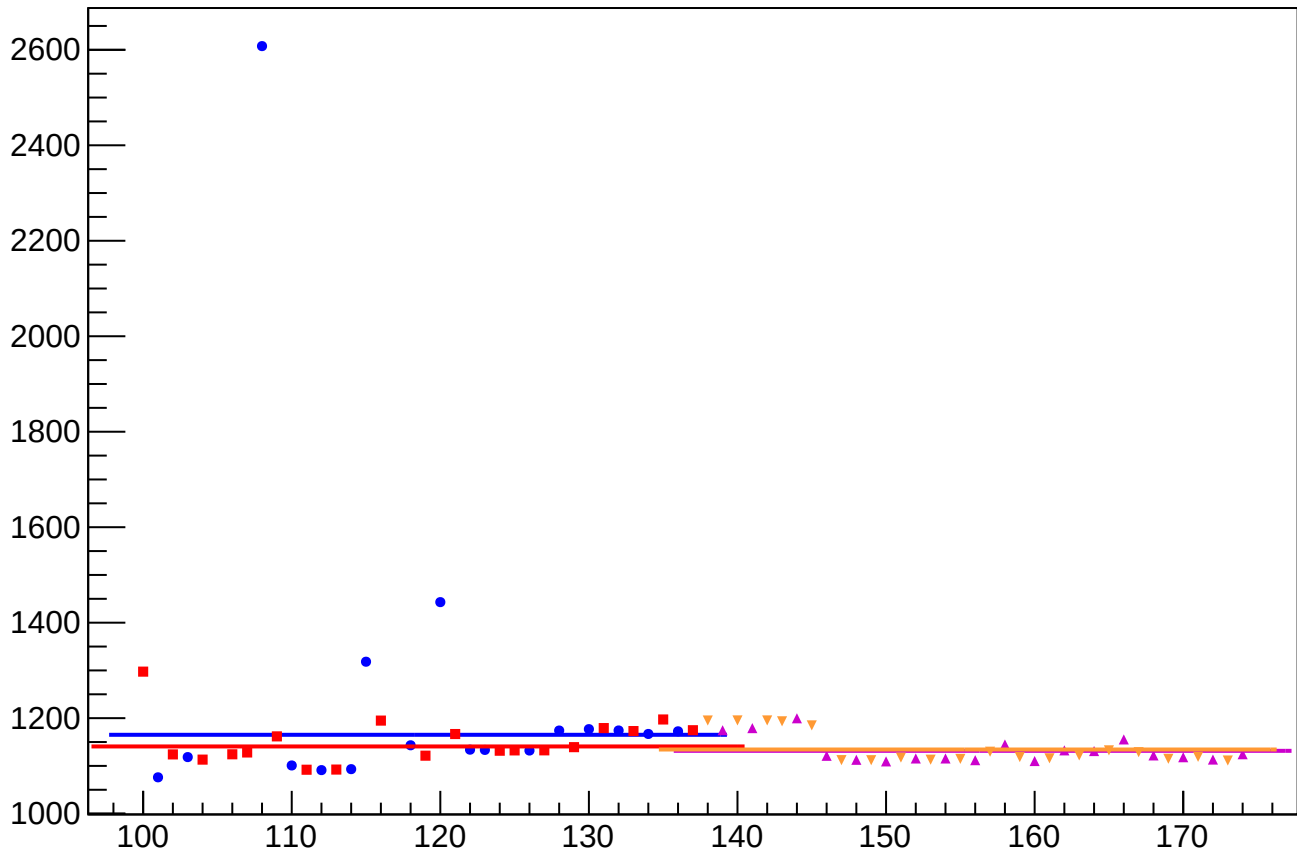
Left In: -2333.045 $\pm$ 300.239 χ^2 /NDF:24.6/17

+ sign 2251.626 $\pm$ 250.364 χ^2 /NDF: 25.3/35

All: -32.446 $\pm$ 175.310 χ^2 /NDF: 227.1/72

- sign -2229.643 $\pm$ 245.556 χ^2 /NDF: 38.4/36

dit_asym_usr_rms vs Slug



Right In: 1165.146 $\pm$ 0.320 χ^2 /NDF: 278570.1/16

Left Out: 1134.338 $\pm$ 0.212 χ^2 /NDF: 21405.6/18

Right Out: 1140.752 $\pm$ 0.302 χ^2 /NDF: 12717.7/18

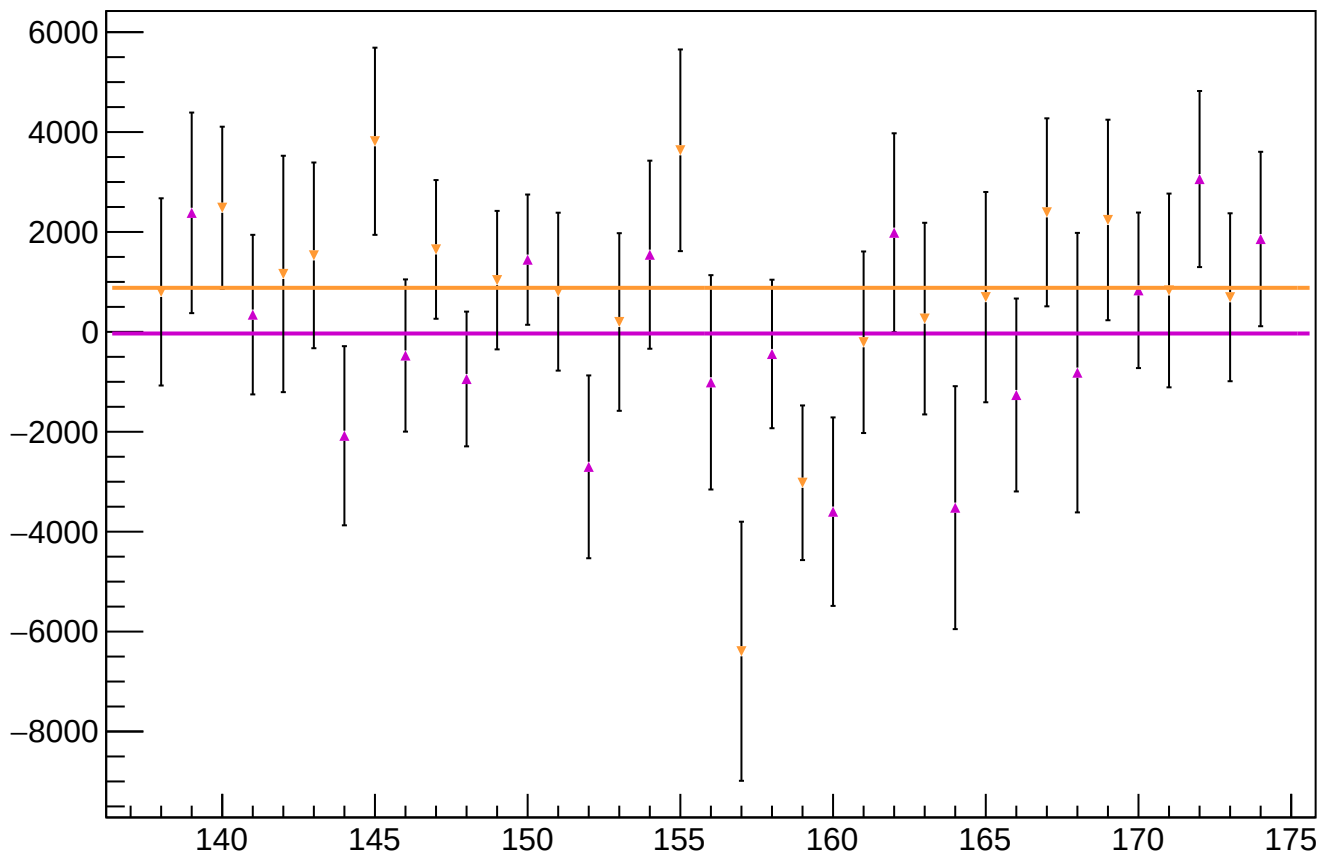
Left In: 1131.552 $\pm$ 0.212 χ^2 /NDF: 15033.6/17

+ sign 1143.741 $\pm$ 0.177 χ^2 /NDF: 306397.4/35

All: 1139.081 $\pm$ 0.124 χ^2 /NDF: 336130.0/72

- sign 1134.598 $\pm$ 0.174 χ^2 /NDF: 28373.1/36

asym_usr_correction_mean vs Slug



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

Left Out: 881.709+/-410.460 χ^2/NDF : 21.7/18

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

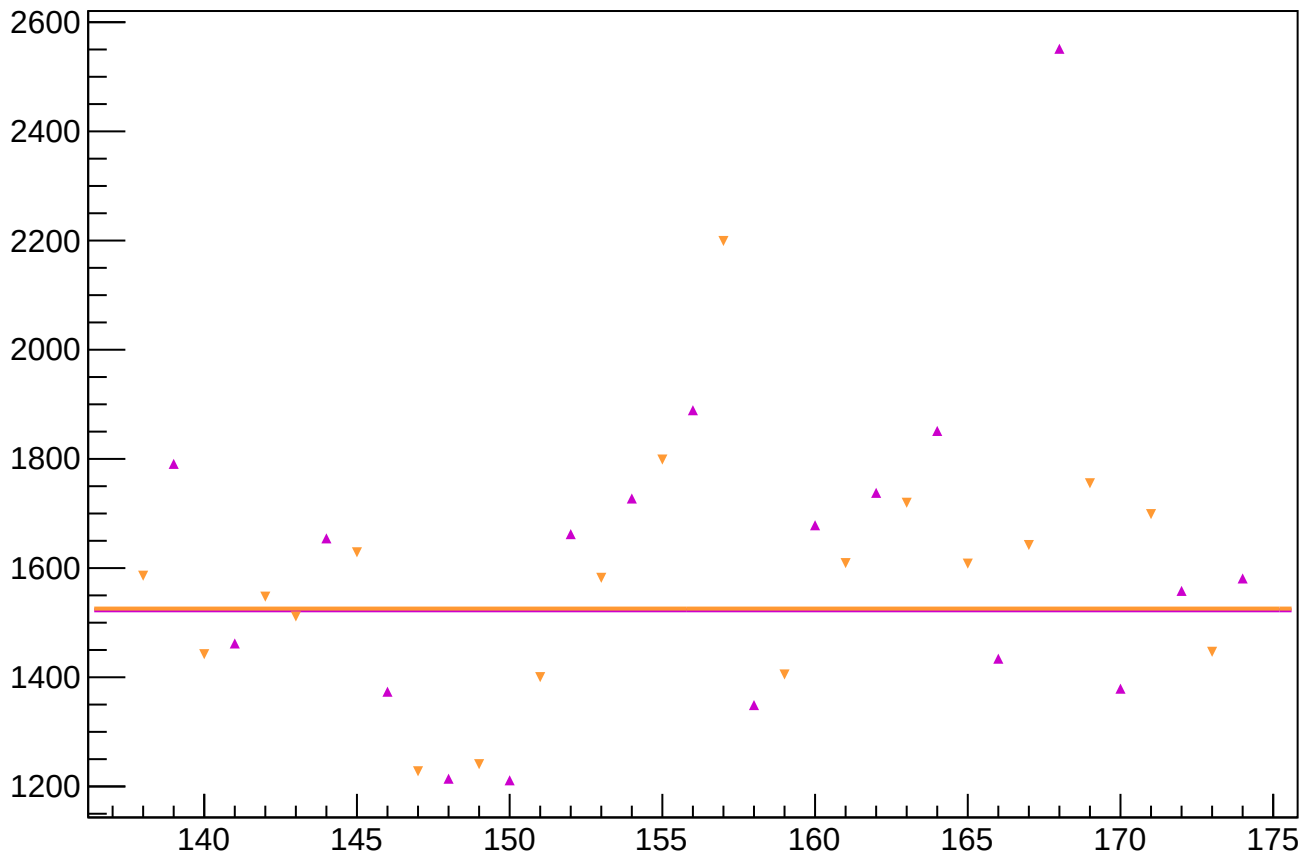
Left In: -32.595+/-410.609 χ^2/NDF : 19.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 424.723+/-290.292 χ^2/NDF : 43.6/36

- 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: 1525.836+/-0.290 χ^2/NDF : 470522.4/18

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

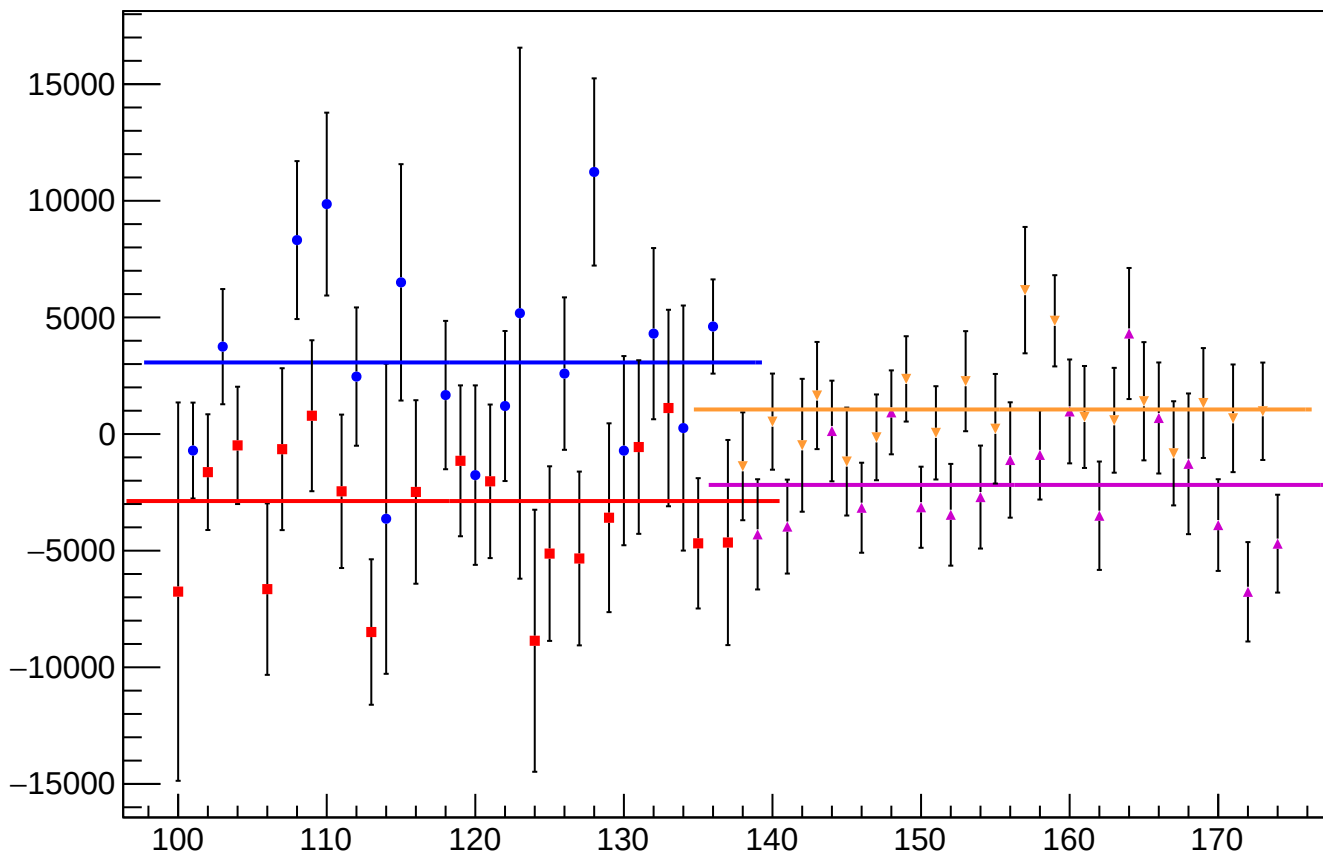
Left In: 1522.680+/-0.290 χ^2/NDF : 776366.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1524.259+/-0.205 χ^2/NDF : 1246947.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



Right In: 3069.484 $\pm$ 797.741 χ^2 /NDF: 18.5/16

Left Out: 1053.877 $\pm$ 504.829 χ^2 /NDF:12.3/18

Right Out: -2872.615 $\pm$ 795.352 χ^2 /NDF: 11.6/18

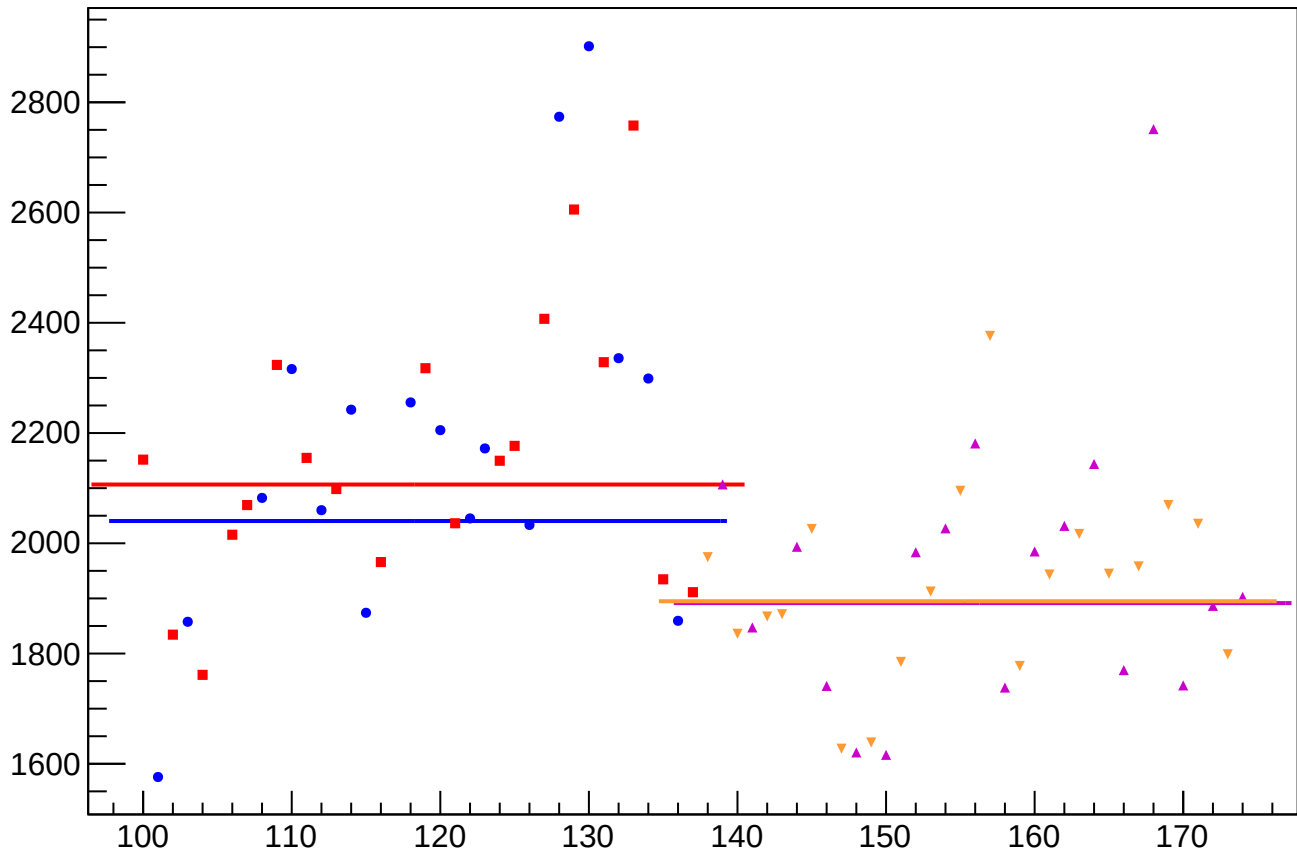
Left In: -2180.938 $\pm$ 505.925 χ^2 /NDF:23.4/17

+ sign 1630.243 $\pm$ 426.588 χ^2 /NDF: 35.4/35

All: -373.597 $\pm$ 301.746 χ^2 /NDF: 115.0/72

- sign -2380.187 $\pm$ 426.880 χ^2 /NDF: 35.5/36

asym_usr_rms vs Slug



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

Left Out: 1894.900+/-0.357 χ^2/NDF : 215396.5/18

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

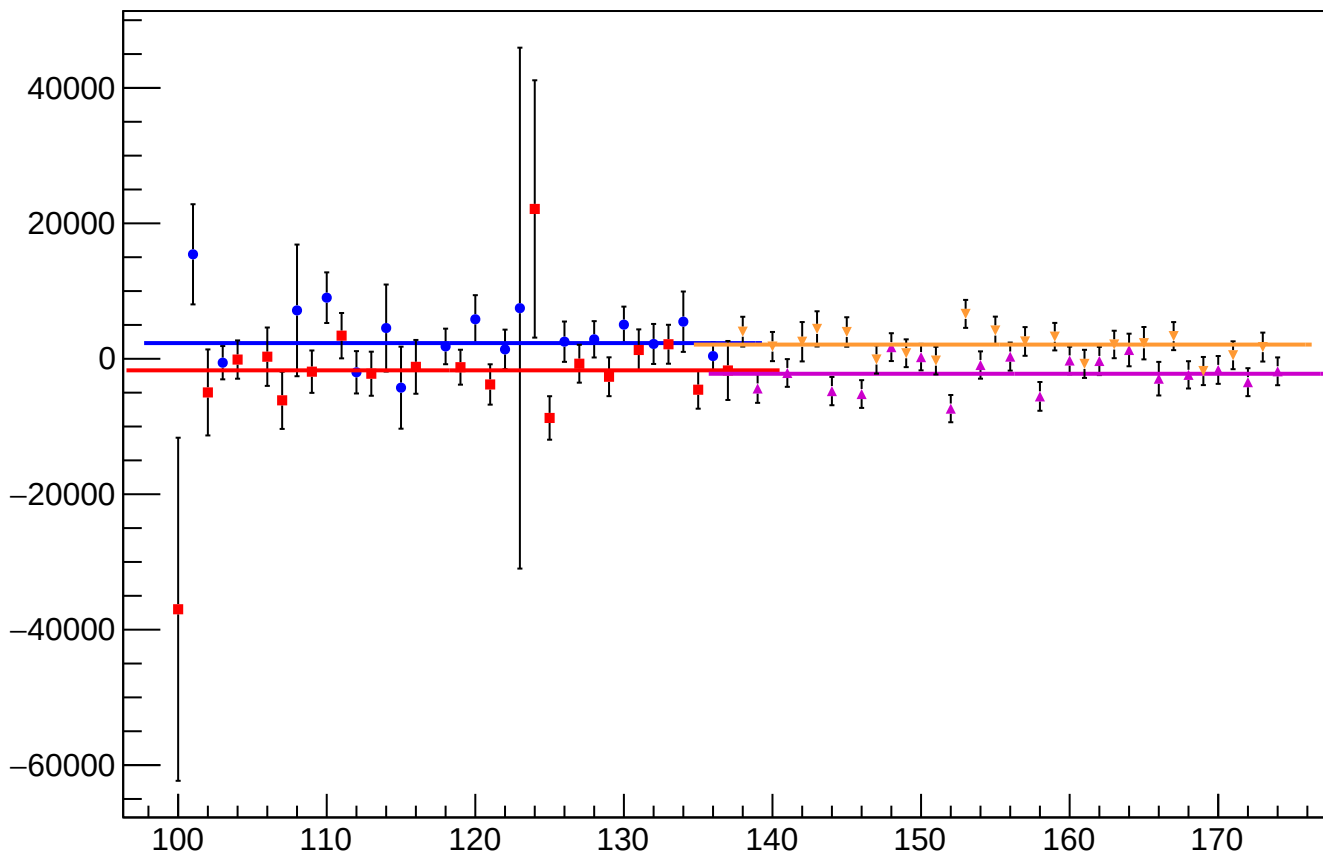
Left In: 1891.536+/-0.358 χ^2/NDF : 387396.7/17

+ sign 1936.516+/-0.302 χ^2/NDF : 594265.3/35

All: 1945.000+/-0.213 χ^2/NDF : 1282791.4/72

- sign 1953.496+/-0.302 χ^2/NDF : 686942.9/36

dit_asym_at1_avg_mean vs Slug



Right In: 2319.038 $\pm$ 801.440 χ^2 /NDF: 14.8/16

Left Out: 2098.430 $\pm$ 493.082 χ^2 /NDF:17.8/18

Right Out: -1705.508 $\pm$ 782.848 χ^2 /NDF: 17.2/18

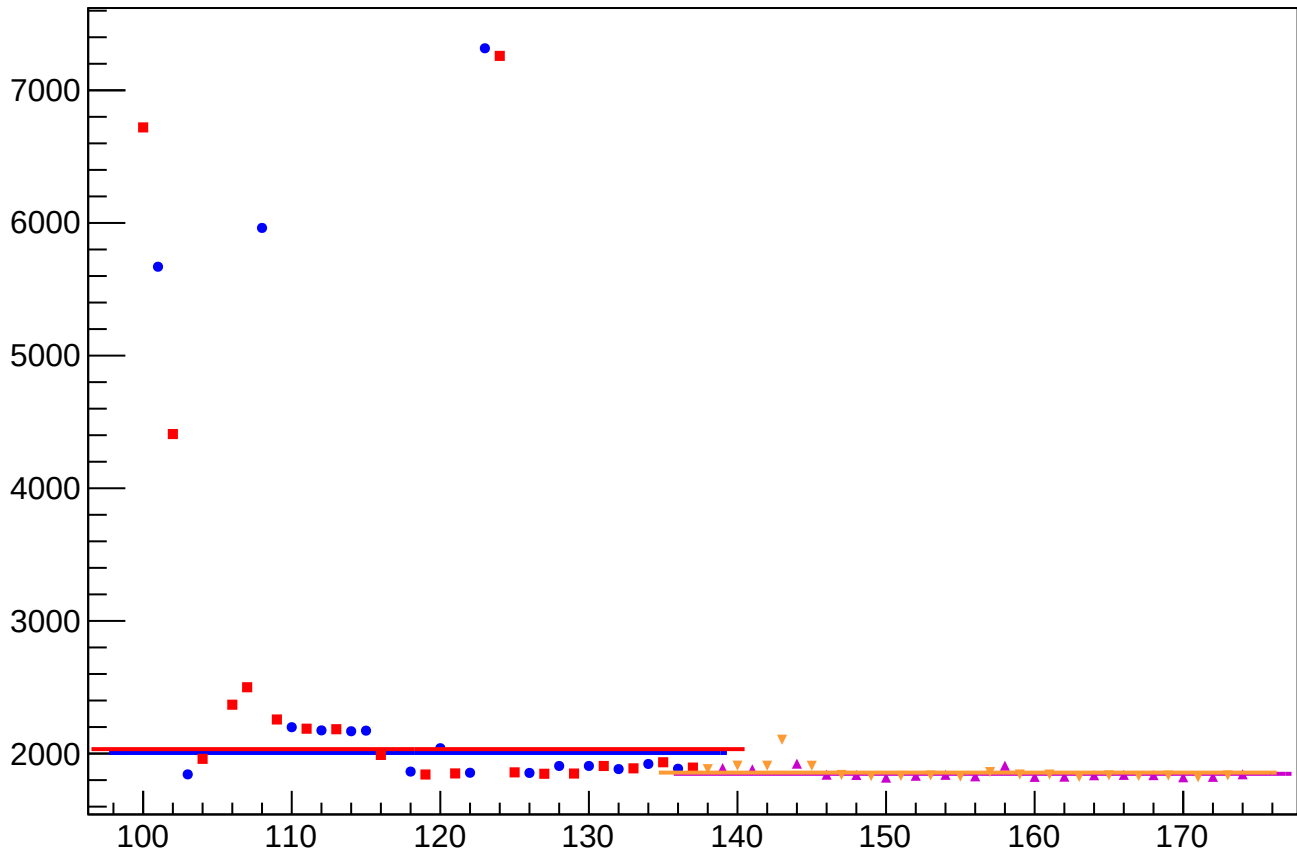
Left In: -2211.397 $\pm$ 491.890 χ^2 /NDF:25.3/17

+ sign 2159.006 $\pm$ 419.963 χ^2 /NDF: 32.6/35

All: 27.883 $\pm$ 295.726 χ^2 /NDF: 126.4/72

- sign -2068.203 $\pm$ 416.497 χ^2 /NDF: 42.7/36

dit_asym_at1_avg_rms vs Slug



Right In: 2004.551 $\pm$ 0.567 χ^2 /NDF: 916013.4/16

Left Out: 1856.460 $\pm$ 0.349 χ^2 /NDF: 25018.7/18

Right Out: 2033.490 $\pm$ 0.554 χ^2 /NDF: 611009.8/18

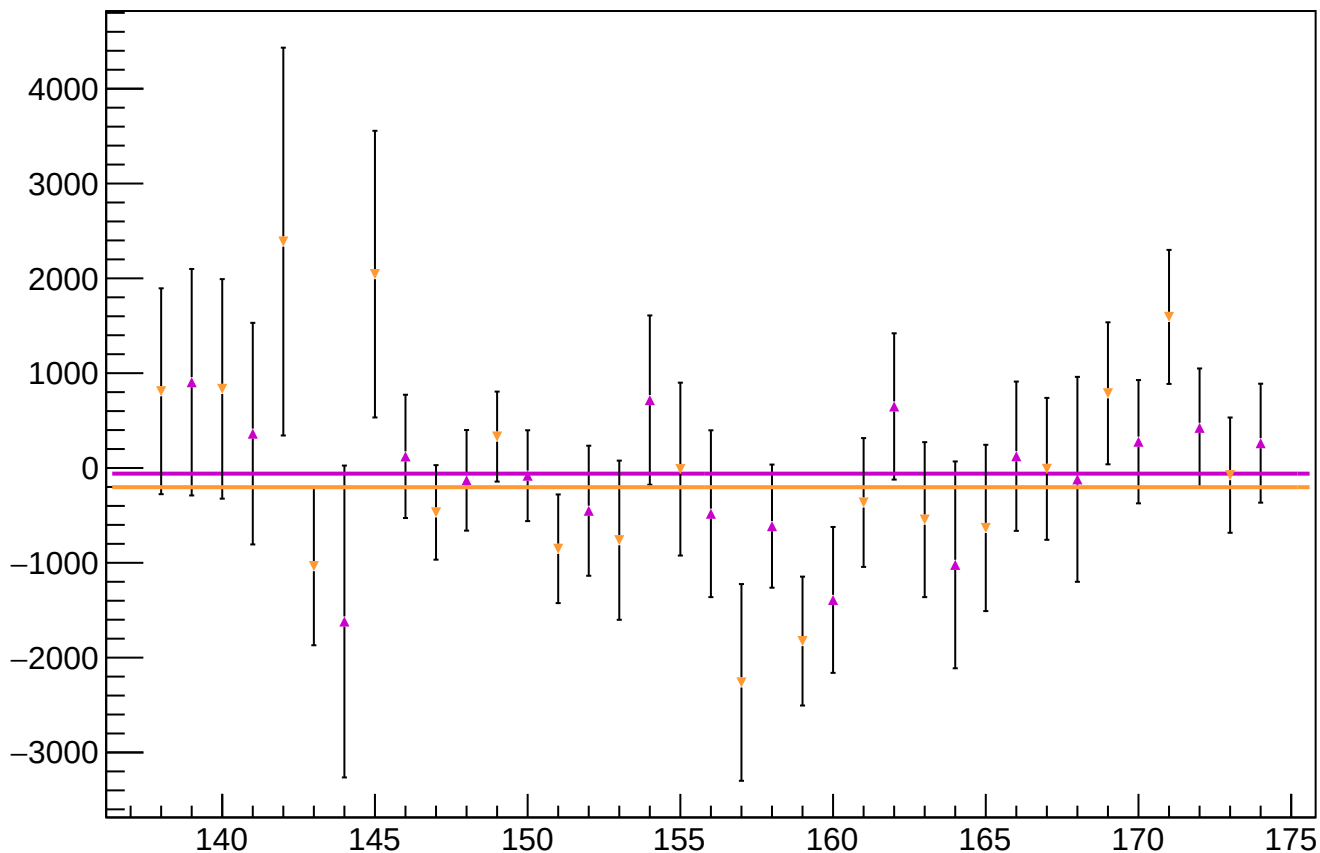
Left In: 1847.413 $\pm$ 0.348 χ^2 /NDF: 7655.2/17

+ sign 1897.124 $\pm$ 0.297 χ^2 /NDF: 990568.8/35

All: 1898.616 $\pm$ 0.209 χ^2 /NDF: 1690295.7/72

- sign 1900.083 $\pm$ 0.295 χ^2 /NDF: 699676.9/36

asym_at1_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -202.554 $\pm$ 171.052 χ^2 /NDF:28.2/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

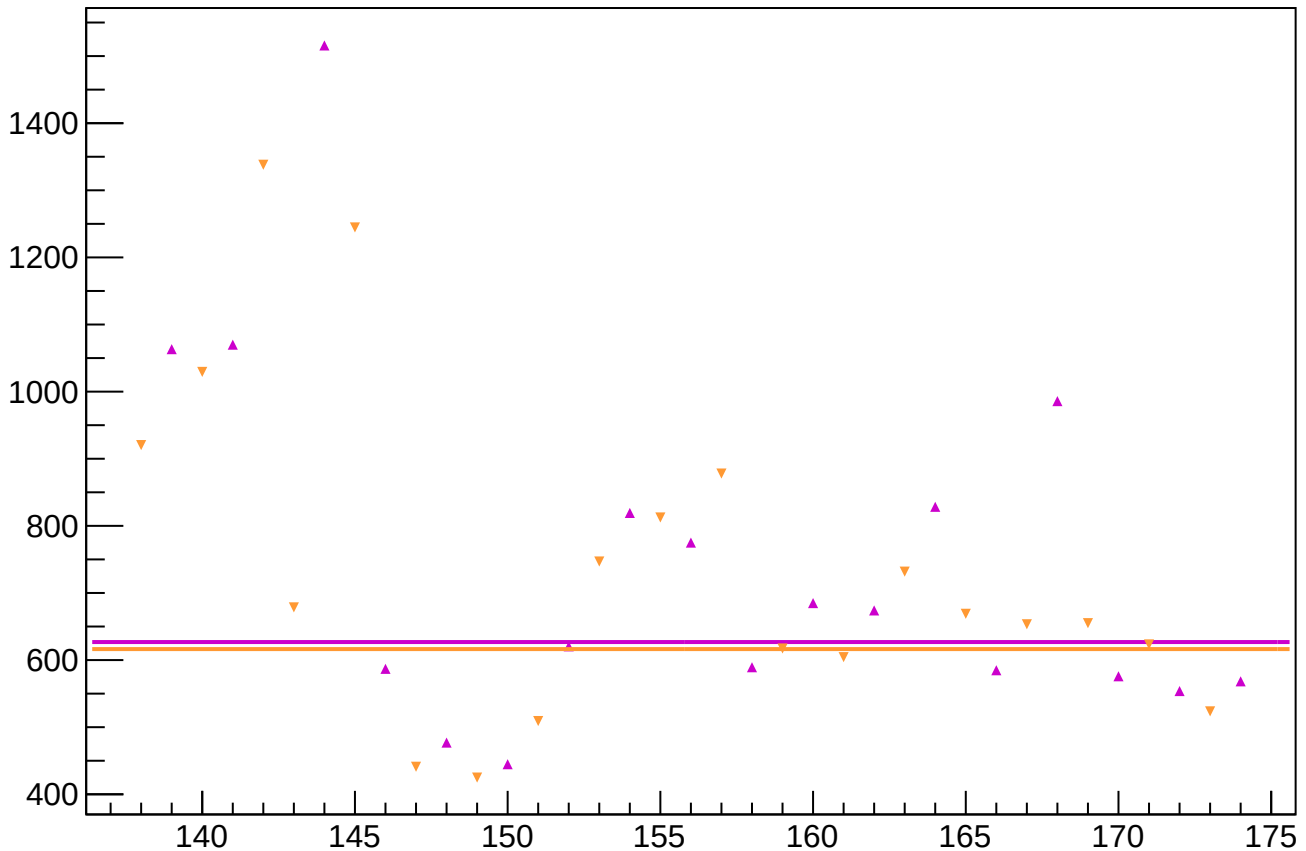
Left In: -59.518 $\pm$ 173.383 χ^2 /NDF:9.6/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -132.004 $\pm$ 121.768 χ^2 /NDF: 38.2/36

- sign 0.000 $\pm$ 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: 616.373+/-0.121 χ^2/NDF :2032788.9/18

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

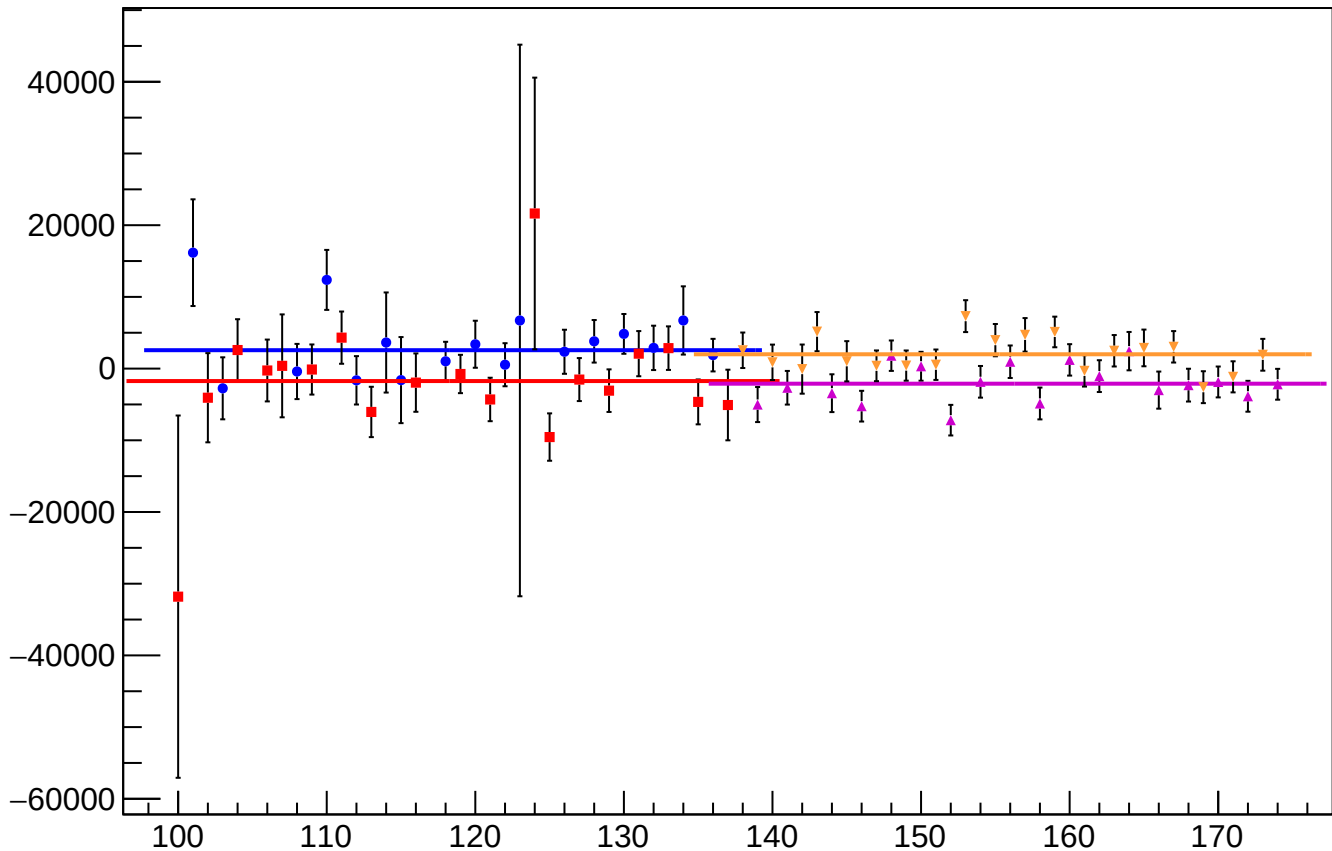
Left In: 626.865+/-0.123 χ^2/NDF :2121758.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.548+/-0.086 χ^2/NDF : 4158259.2/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



Right In: 2566.797 $\pm$ 856.089 χ^2 /NDF: 15.6/16

Left Out: 1998.084 $\pm$ 531.782 χ^2 /NDF:21.5/18

Right Out: -1737.684 $\pm$ 853.181 χ^2 /NDF: 20.5/18

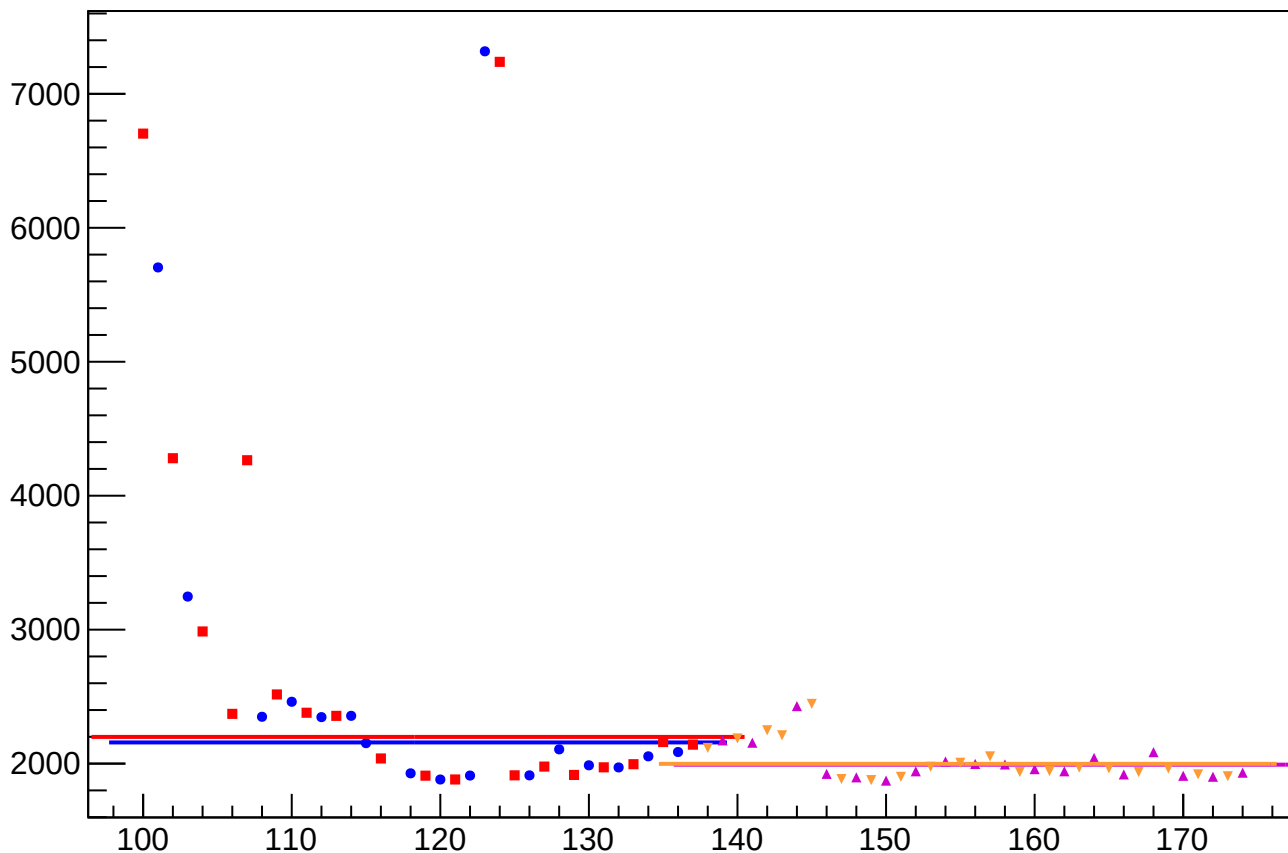
Left In: -2105.741 $\pm$ 531.348 χ^2 /NDF:24.0/17

+ sign 2156.429 $\pm$ 451.725 χ^2 /NDF: 37.4/35

All: 73.577 $\pm$ 319.172 χ^2 /NDF: 124.5/72

- sign -2002.881 $\pm$ 451.031 χ^2 /NDF: 44.6/36

asym_at1_avg_rms vs Slug



Right In: 2158.148 $\pm$ 0.605 χ^2 /NDF: 713862.1/16

Left Out: 1998.236 $\pm$ 0.376 χ^2 /NDF: 119686.4/18

Right Out: 2199.343 $\pm$ 0.603 χ^2 /NDF: 803022.0/18

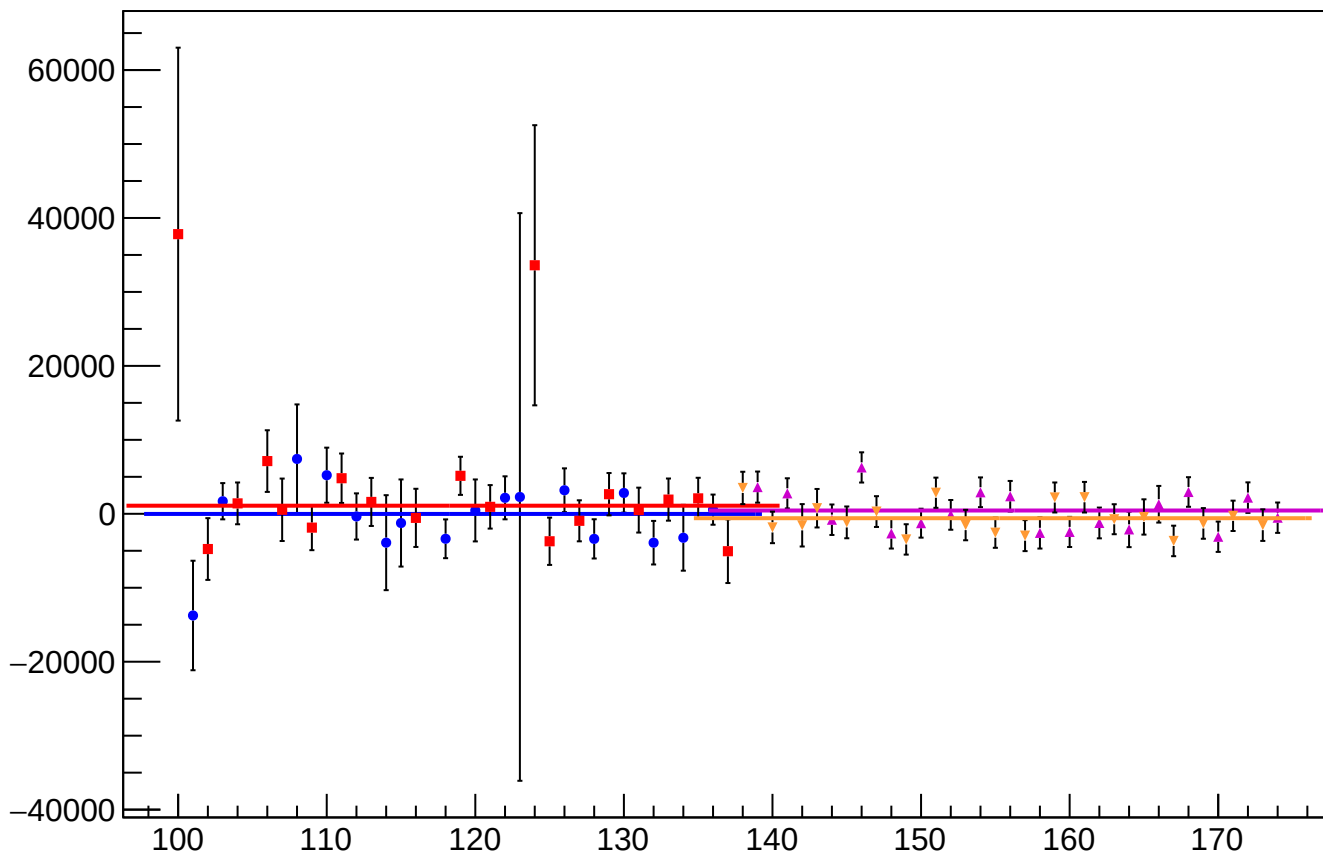
Left In: 1992.078 $\pm$ 0.376 χ^2 /NDF: 105261.2/17

+ sign 2042.760 $\pm$ 0.319 χ^2 /NDF: 883902.9/35

All: 2046.386 $\pm$ 0.226 χ^2 /NDF: 1877489.9/72

- sign 2050.002 $\pm$ 0.319 χ^2 /NDF: 993329.5/36

dit_asym_at1_dd_mean vs Slug



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

Left Out: -595.340 ± 491.073 χ^2/NDF : 18.0/18

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

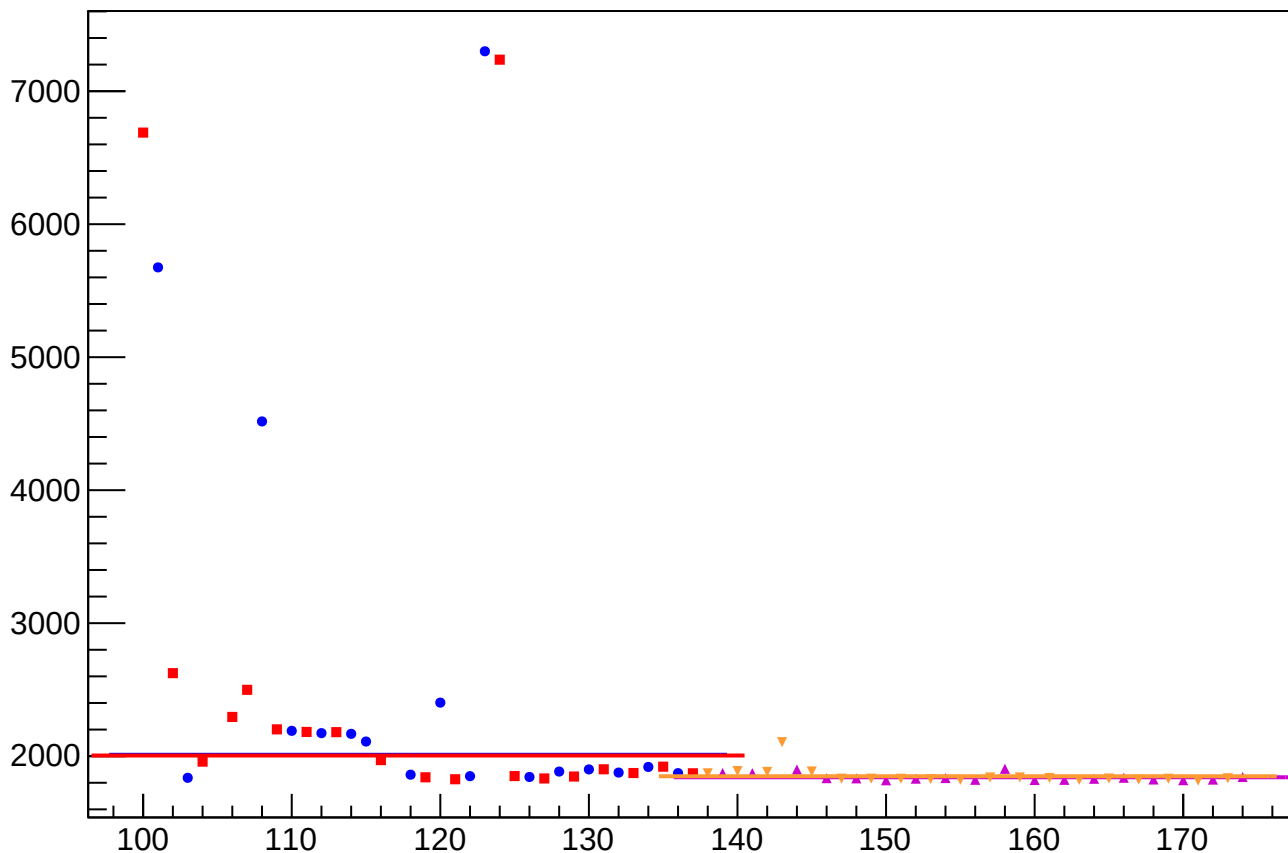
Left In: 445.804 ± 490.245 χ^2/NDF : 29.0/17

+ sign -437.812 ± 418.715 χ^2/NDF : 34.2/35

All: 104.448 ± 294.214 χ^2/NDF : 86.5/72

- sign 633.279 ± 413.498 χ^2/NDF : 48.9/36

dit_asym_at1_dd_rms vs Slug



Right In: 2010.272 $\pm$ 0.567 χ^2 /NDF: 839746.7/16

Left Out: 1848.991 $\pm$ 0.347 χ^2 /NDF: 23782.2/18

Right Out: 2004.882 $\pm$ 0.544 χ^2 /NDF: 367513.0/18

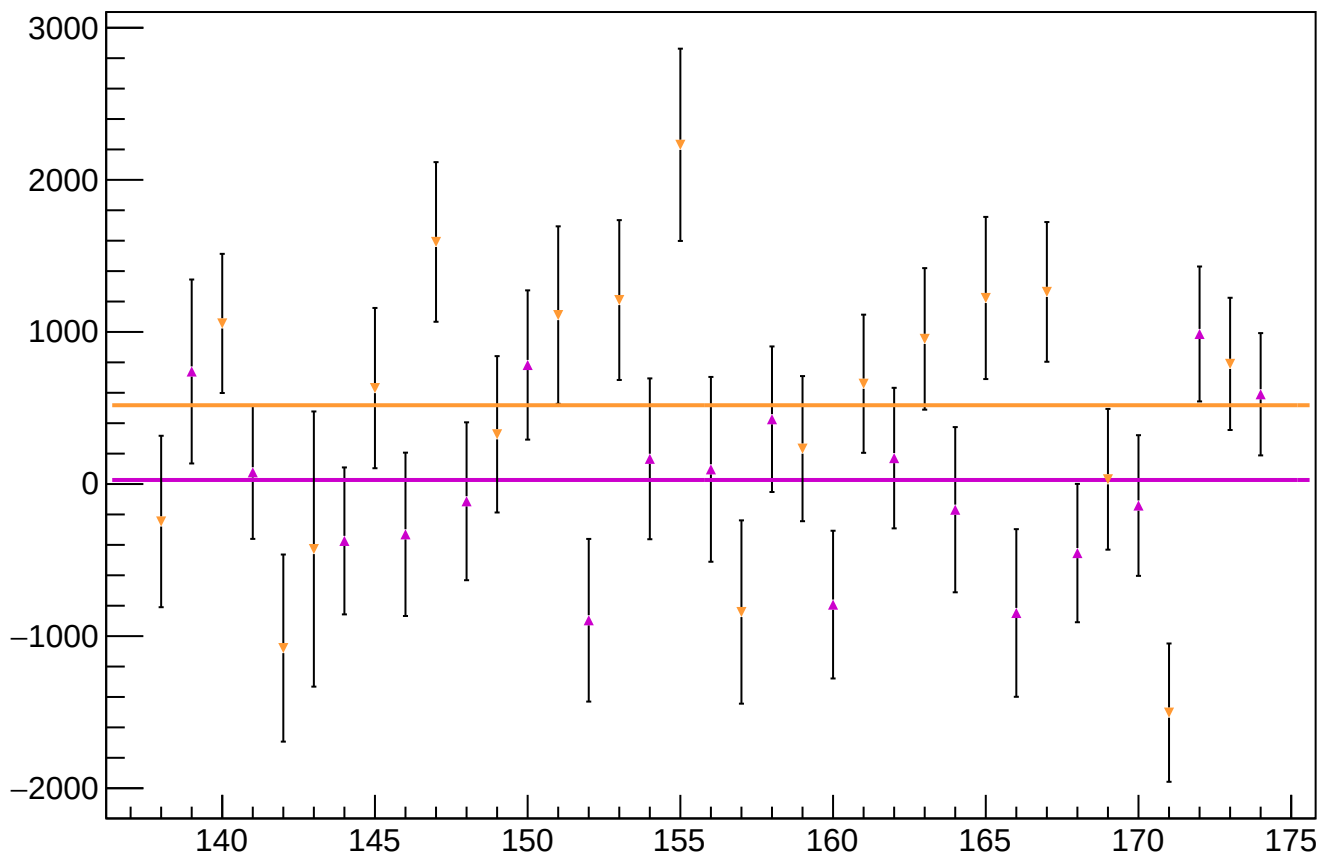
Left In: 1841.312 $\pm$ 0.347 χ^2 /NDF: 5808.6/17

+ sign 1893.018 $\pm$ 0.296 χ^2 /NDF: 922418.3/35

All: 1890.739 $\pm$ 0.208 χ^2 /NDF: 1360110.0/72

- sign 1888.517 $\pm$ 0.292 χ^2 /NDF: 437574.7/36

asym_at1_dd_correction_mean vs Slug



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

Left Out: 518.172+/-118.229 χ^2/NDF : 57.6/18

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

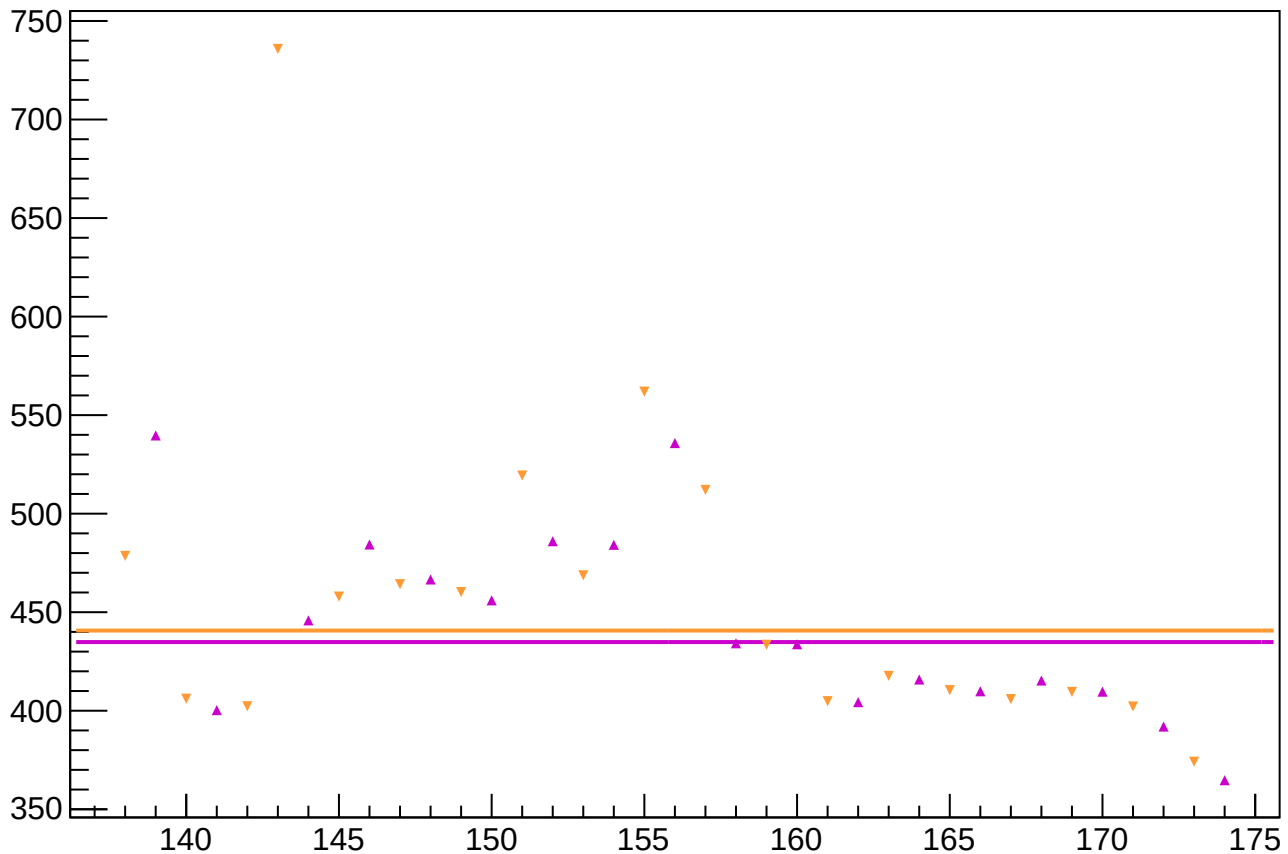
Left In: 26.719+/-116.167 χ^2/NDF : 22.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.123+/-82.862 χ^2/NDF : 88.6/36

- 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: 440.690+/-0.084 χ^2/NDF : 499850.6/18

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

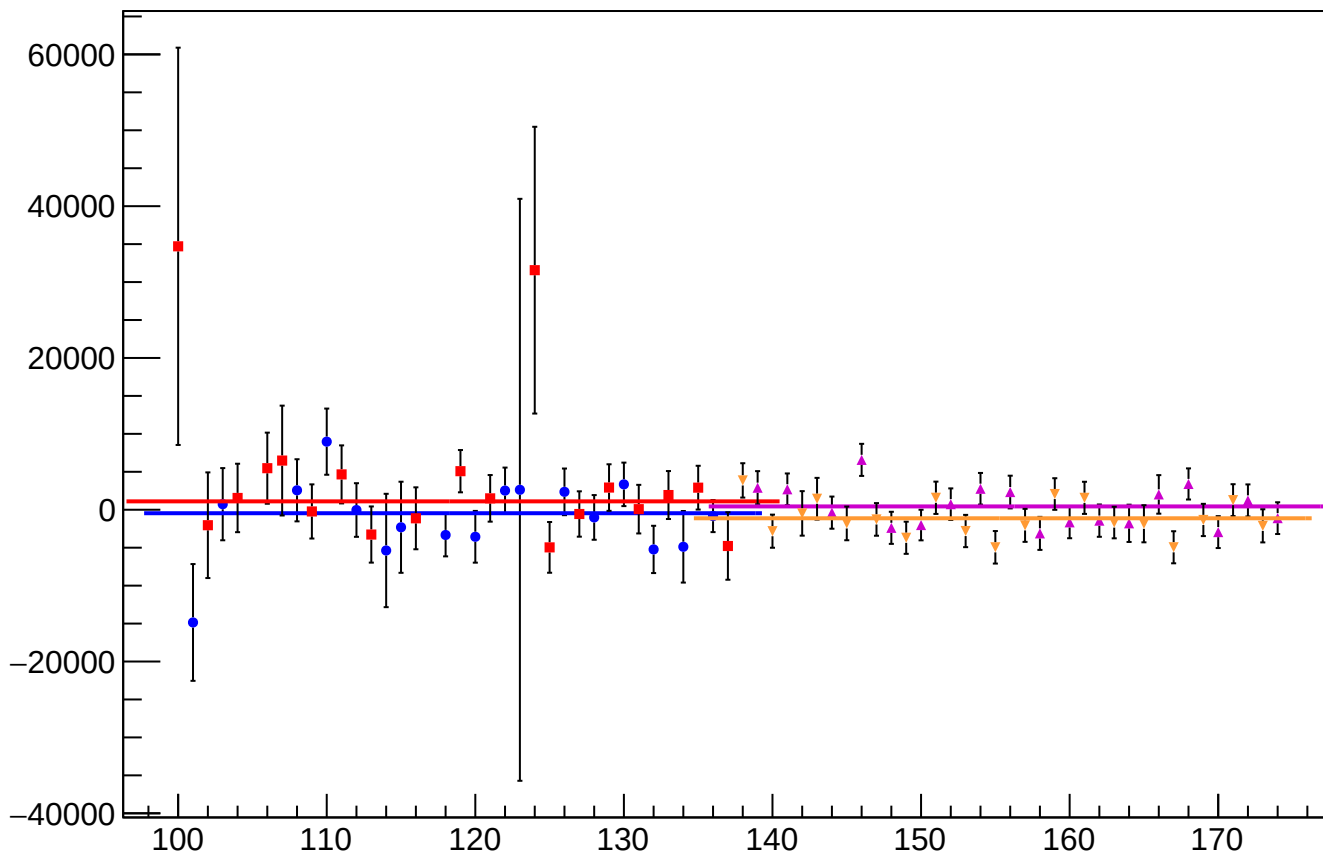
Left In: 434.844+/-0.082 χ^2/NDF : 297186.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.715+/-0.059 χ^2/NDF : 799525.0/36

- 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: -1125.192 ± 506.233 χ^2/NDF : 22.5/18

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

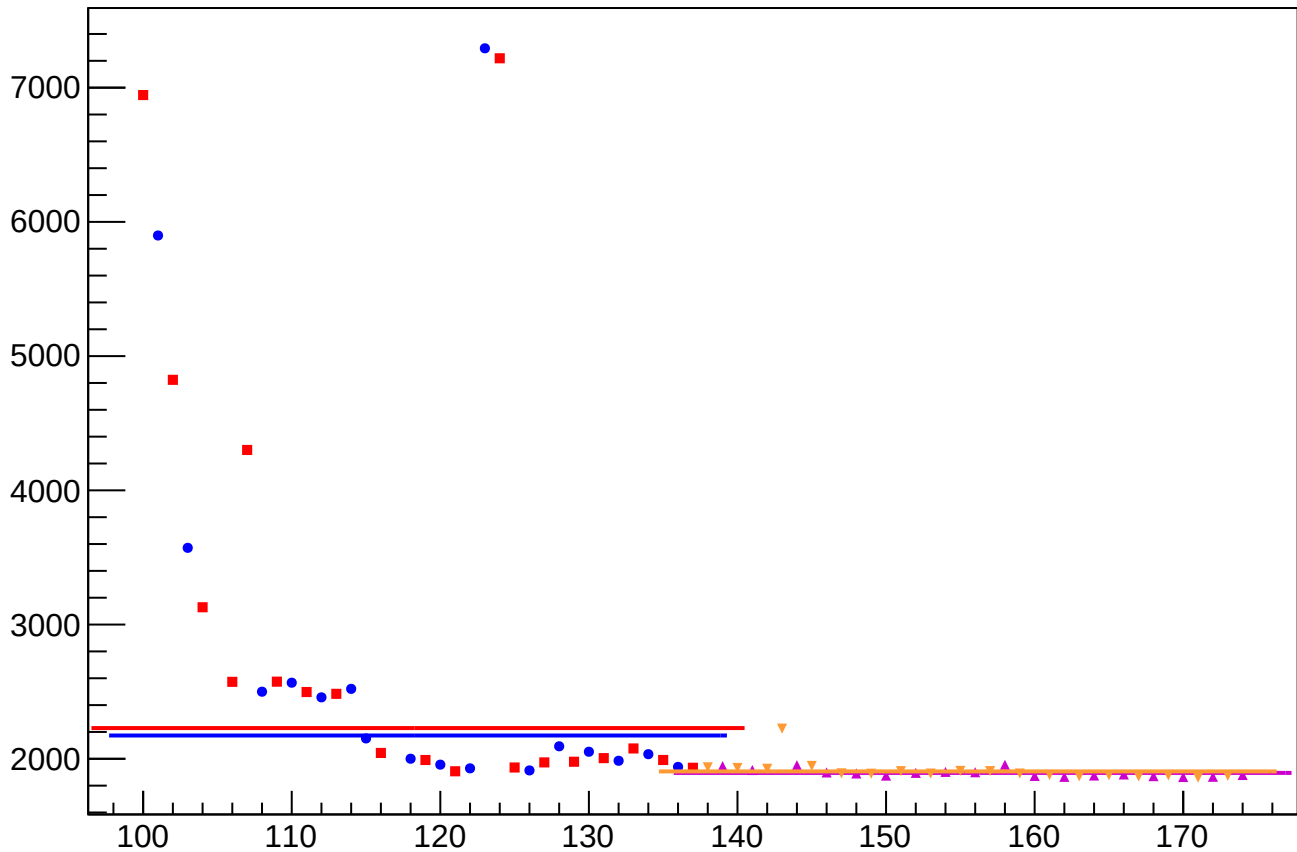
Left In: 437.584 ± 504.466 χ^2/NDF : 27.3/17

+ sign -955.099 ± 436.930 χ^2/NDF : 41.0/35

All: -172.888 ± 308.644 χ^2/NDF : 92.1/72

- sign 606.169 ± 436.048 χ^2/NDF : 44.7/36

asym_at1_dd_rms vs Slug



Right In: 2173.529 $\pm$ 0.612 χ^2 /NDF: 805360.7/16

Left Out: 1906.003 $\pm$ 0.358 χ^2 /NDF:32385.3/18

Right Out: 2228.892 $\pm$ 0.613 χ^2 /NDF: 895863.4/18

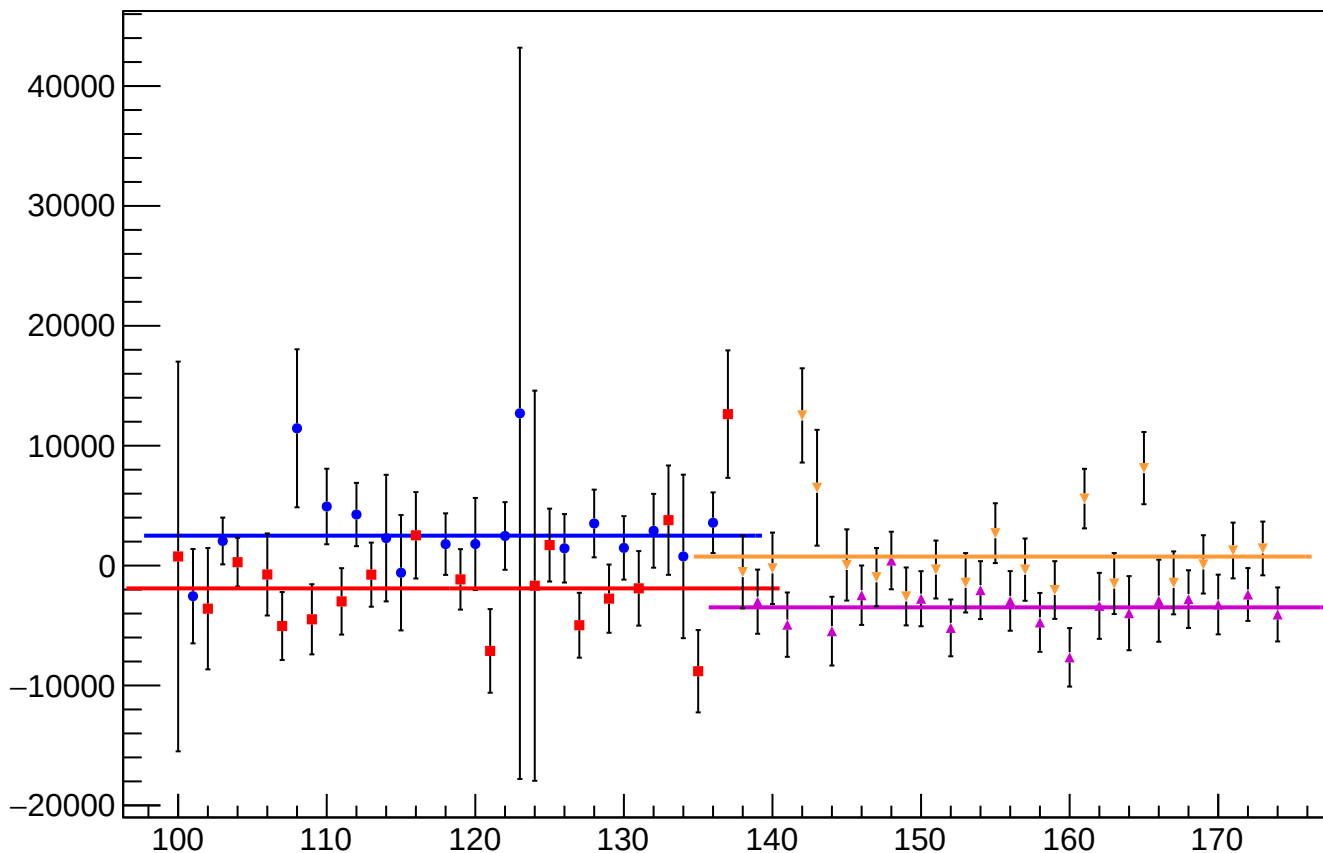
Left In: 1894.880 $\pm$ 0.357 χ^2 /NDF:6493.7/17

+ sign 1974.238 $\pm$ 0.309 χ^2 /NDF: 980207.8/35

All: 1976.792 $\pm$ 0.218 χ^2 /NDF: 2104401.2/72

- sign 1979.336 $\pm$ 0.308 χ^2 /NDF: 1124056.9/36

dit_asym_at2_avg_mean vs Slug



Right In: 2496.610 $\pm$ 768.295 χ^2 /NDF: 5.9/16

Left Out: 749.786 $\pm$ 605.911 χ^2 /NDF:27.7/18

Right Out: -1902.970 $\pm$ 736.793 χ^2 /NDF: 23.5/18

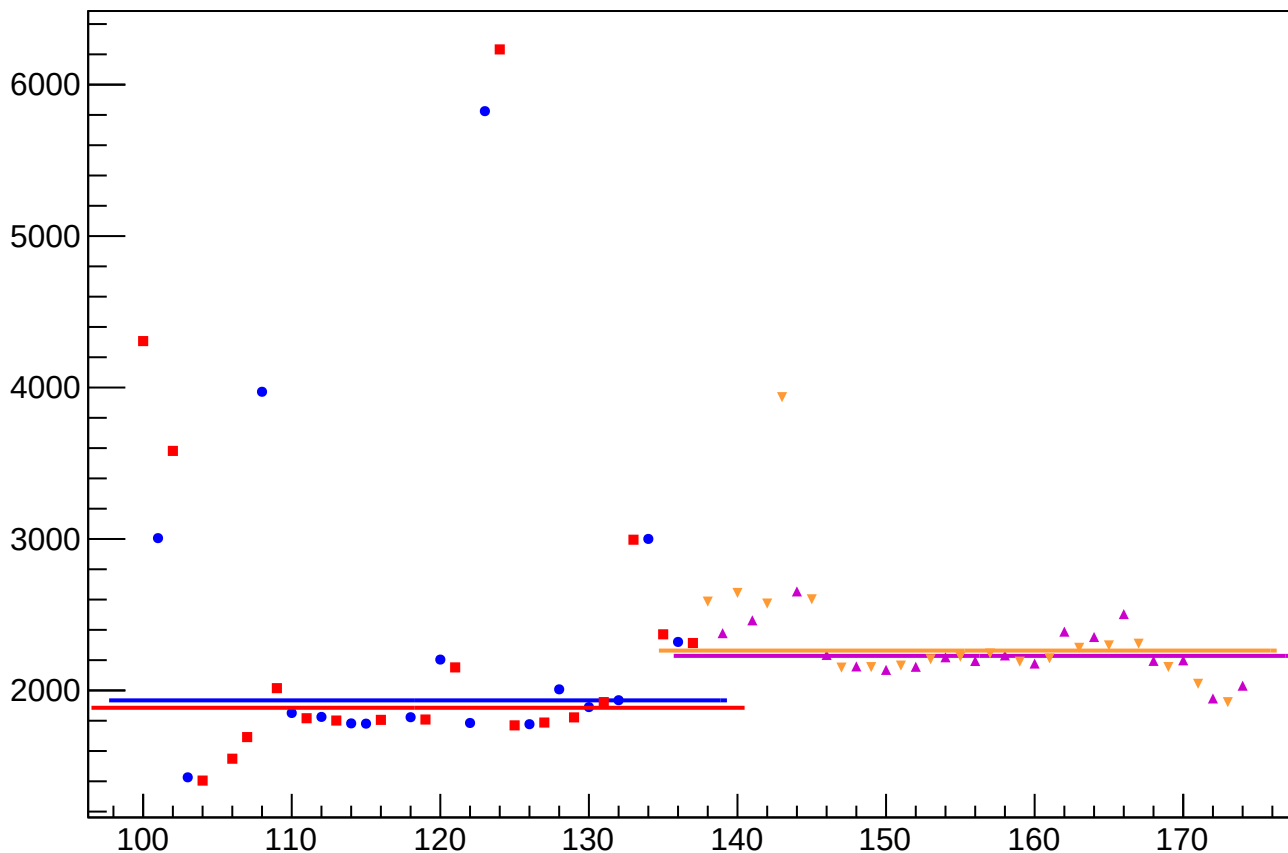
Left In: -3484.196 $\pm$ 594.479 χ^2 /NDF:8.3/17

+ sign 1419.626 $\pm$ 475.761 χ^2 /NDF: 36.8/35

All: -780.282 $\pm$ 331.685 χ^2 /NDF: 112.9/72

- sign -2860.708 $\pm$ 462.661 χ^2 /NDF: 34.5/36

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2263.194+/-0.428 χ^2/NDF : 418893.9/18

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

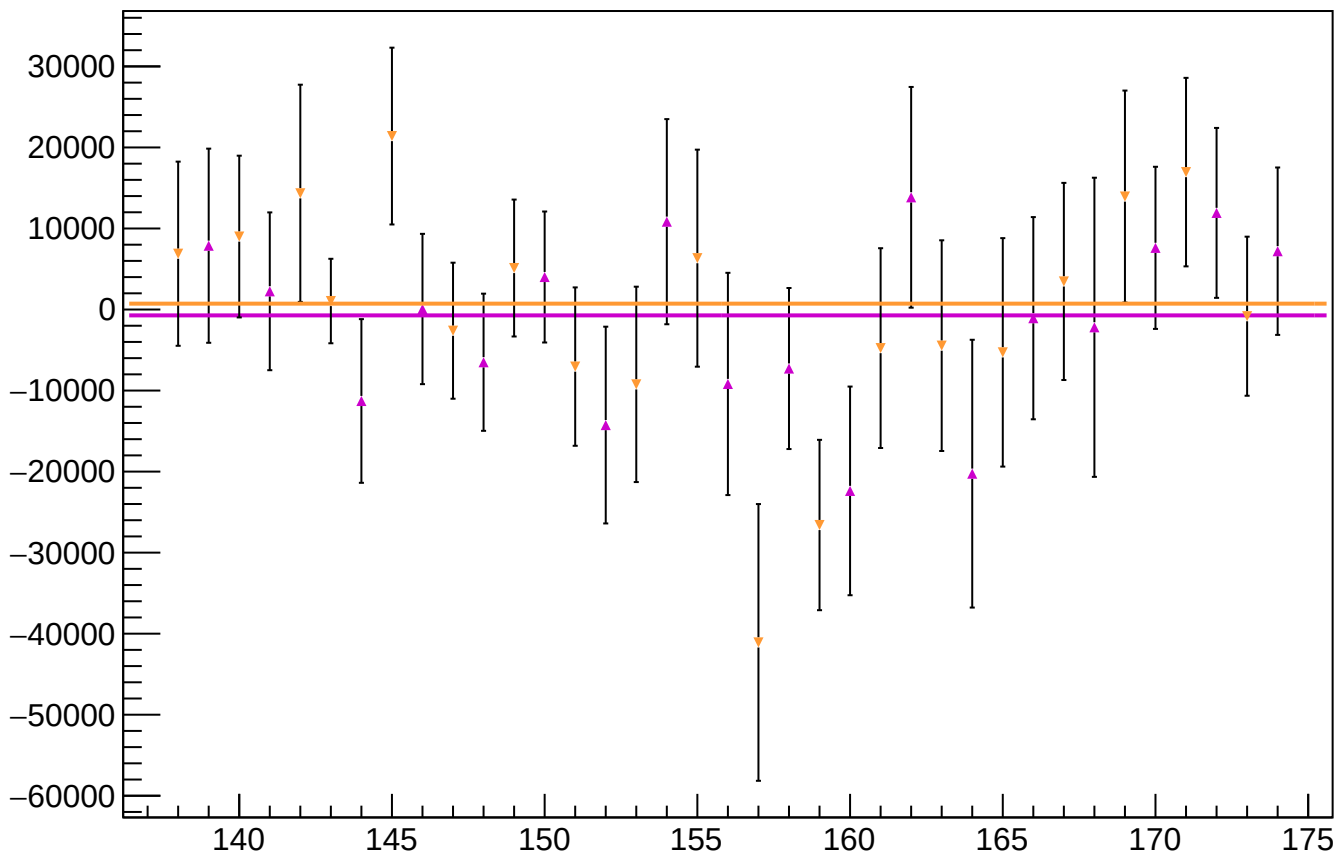
Left In: 2228.084+/-0.420 χ^2/NDF : 145151.8/17

+ sign 2137.115+/-0.336 χ^2/NDF : 1283639.0/35

All: 2114.435+/-0.235 χ^2/NDF : 2451607.0/72

- sign 2092.989+/-0.327 χ^2/NDF : 1159125.0/36

asym_at2_avg_correction_mean vs Slug



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

Left Out: 724.316+/-2356.405 χ^2/NDF :23.9/18

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

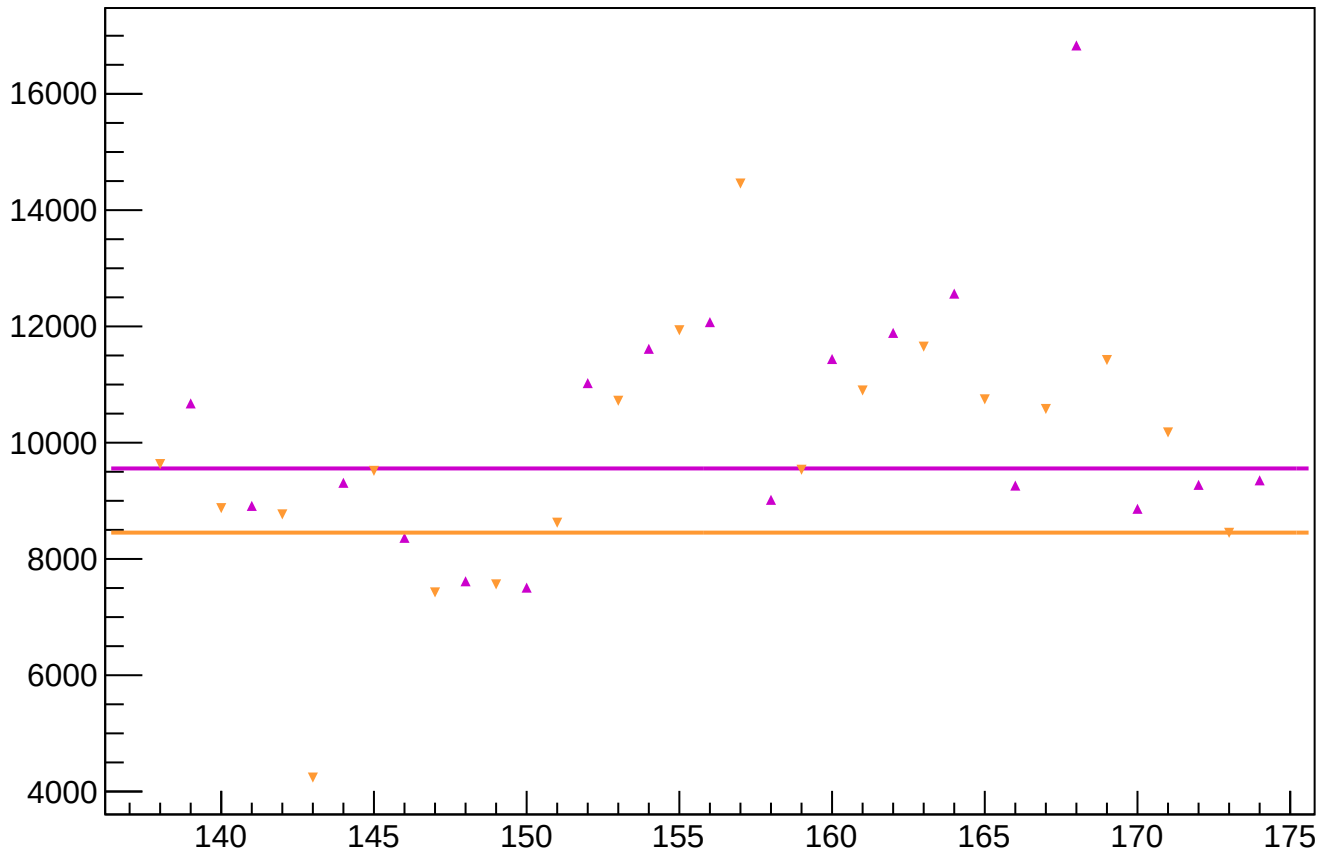
Left In: -723.374+/-2585.423 χ^2/NDF :13.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.417+/-1741.578 χ^2/NDF : 37.6/36

- 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: 8453.172+/-1.666 χ^2/NDF : 2340186.4/18

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

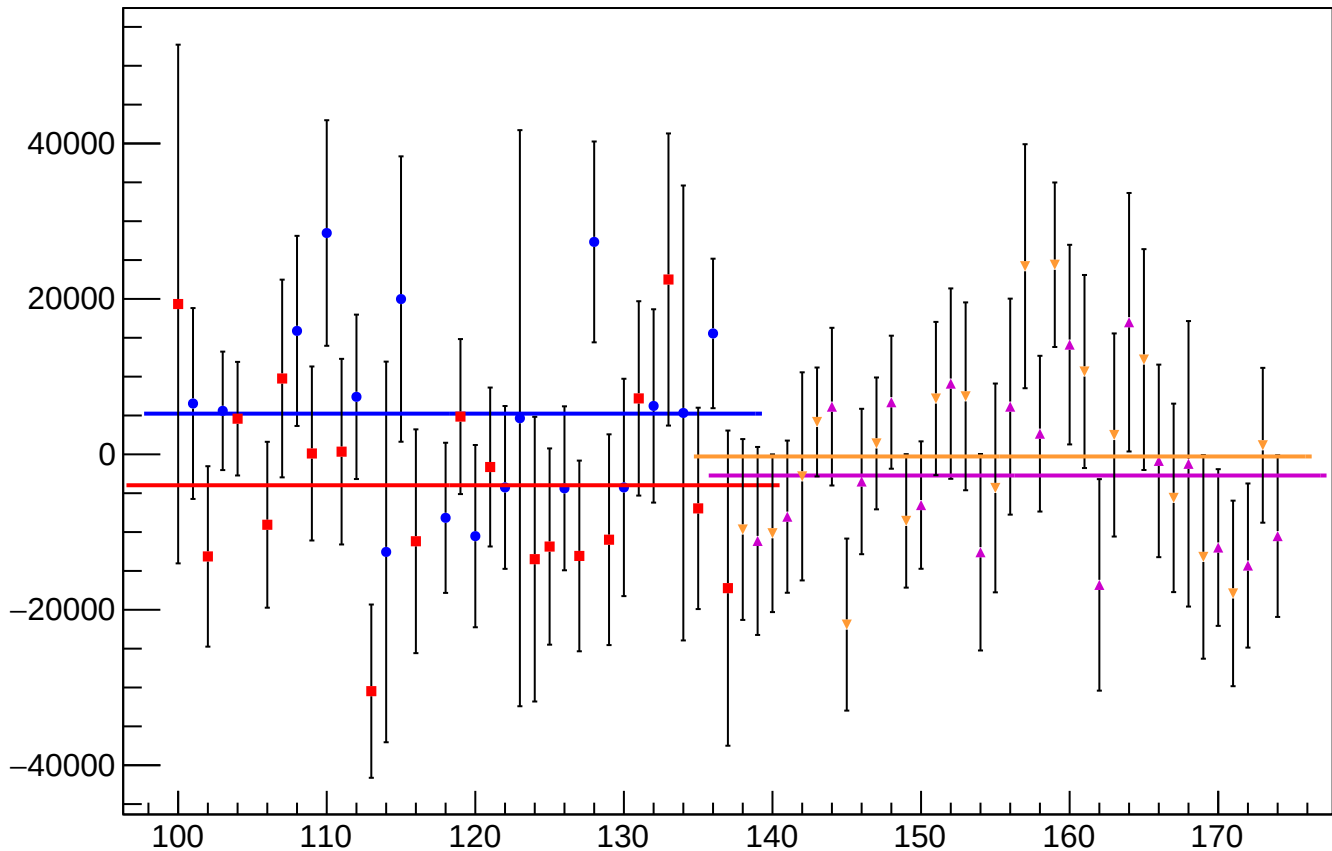
Left In: 9556.834+/-1.828 χ^2/NDF : 941160.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8953.966+/-1.231 χ^2/NDF : 3480426.5/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



Right In: 5238.554 $\pm$ 2946.164 χ^2 /NDF: 14.5/16

Left Out: -272.034 $\pm$ 2489.677 χ^2 /NDF:20.7/18

Right Out: -3976.061 $\pm$ 2790.421 χ^2 /NDF: 15.6/18

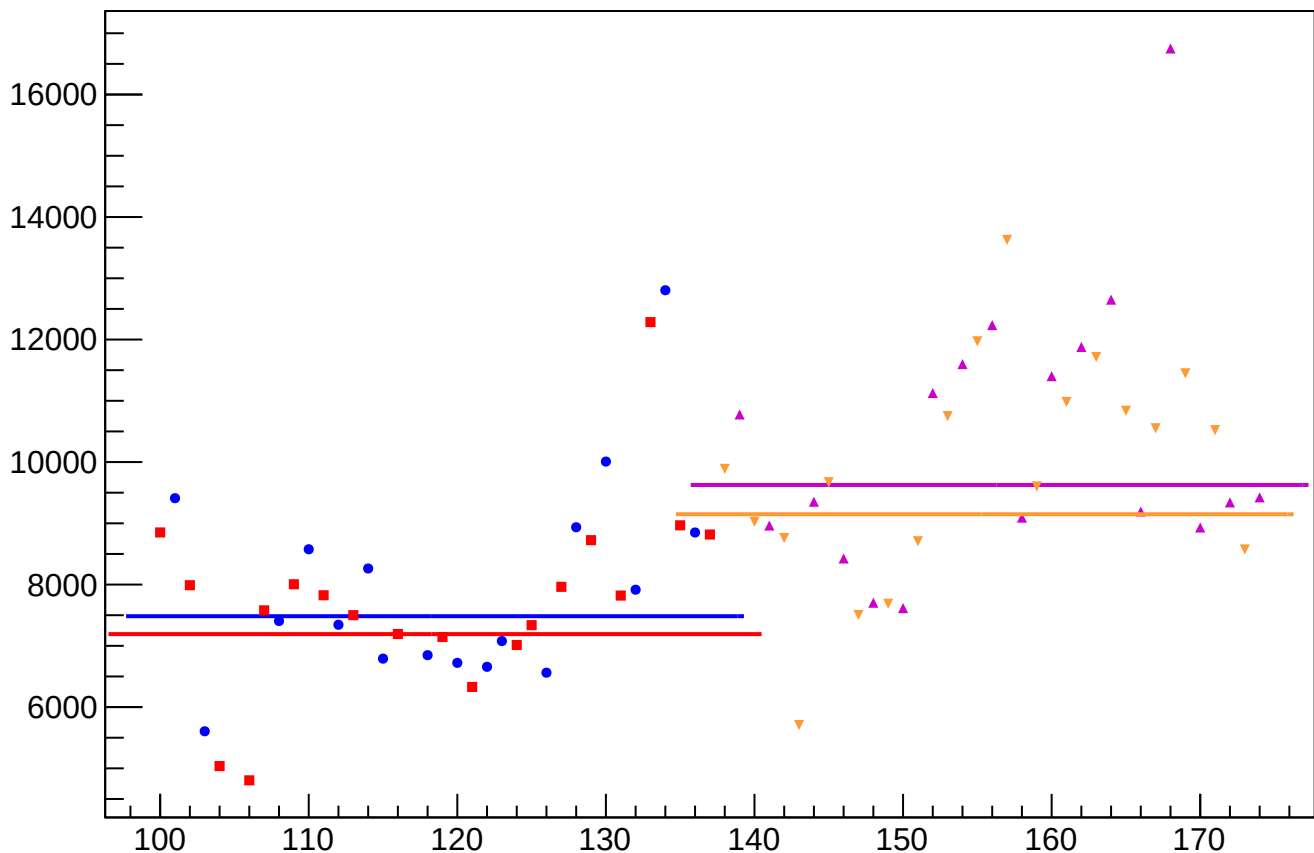
Left In: -2721.781 $\pm$ 2602.903 χ^2 /NDF:12.0/17

+ sign 2023.737 $\pm$ 1901.613 χ^2 /NDF: 37.2/35

All: -638.349 $\pm$ 1345.265 χ^2 /NDF: 68.9/72

- sign -3305.364 $\pm$ 1903.373 χ^2 /NDF: 27.8/36

asym_at2_avg_rms vs Slug



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

Left Out: 9147.994+/-1.760 χ^2 /NDF:1194475.3/18

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

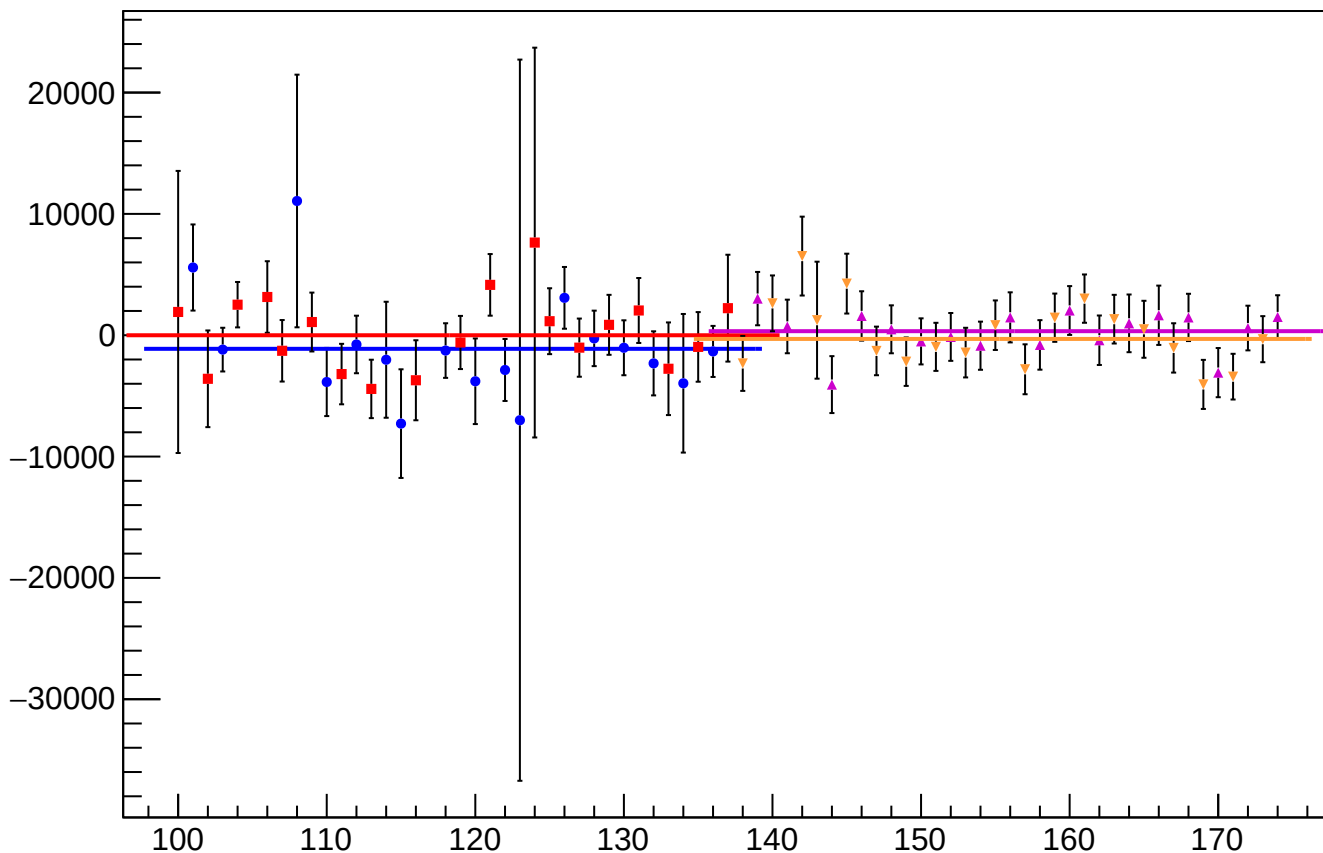
Left In: 9625.852+/-1.841 χ^2 /NDF:911980.8/17

+ sign 8454.646+/-1.345 χ^2 /NDF: 1998589.8/35

All: 8473.823+/-0.951 χ^2 /NDF: 4283808.6/72

- sign 8493.034+/-1.346 χ^2 /NDF: 2284811.6/36

dit_asym_at2_dd_mean vs Slug



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

Left Out: -304.771+/-491.628 χ^2/NDF : 24.3/18

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

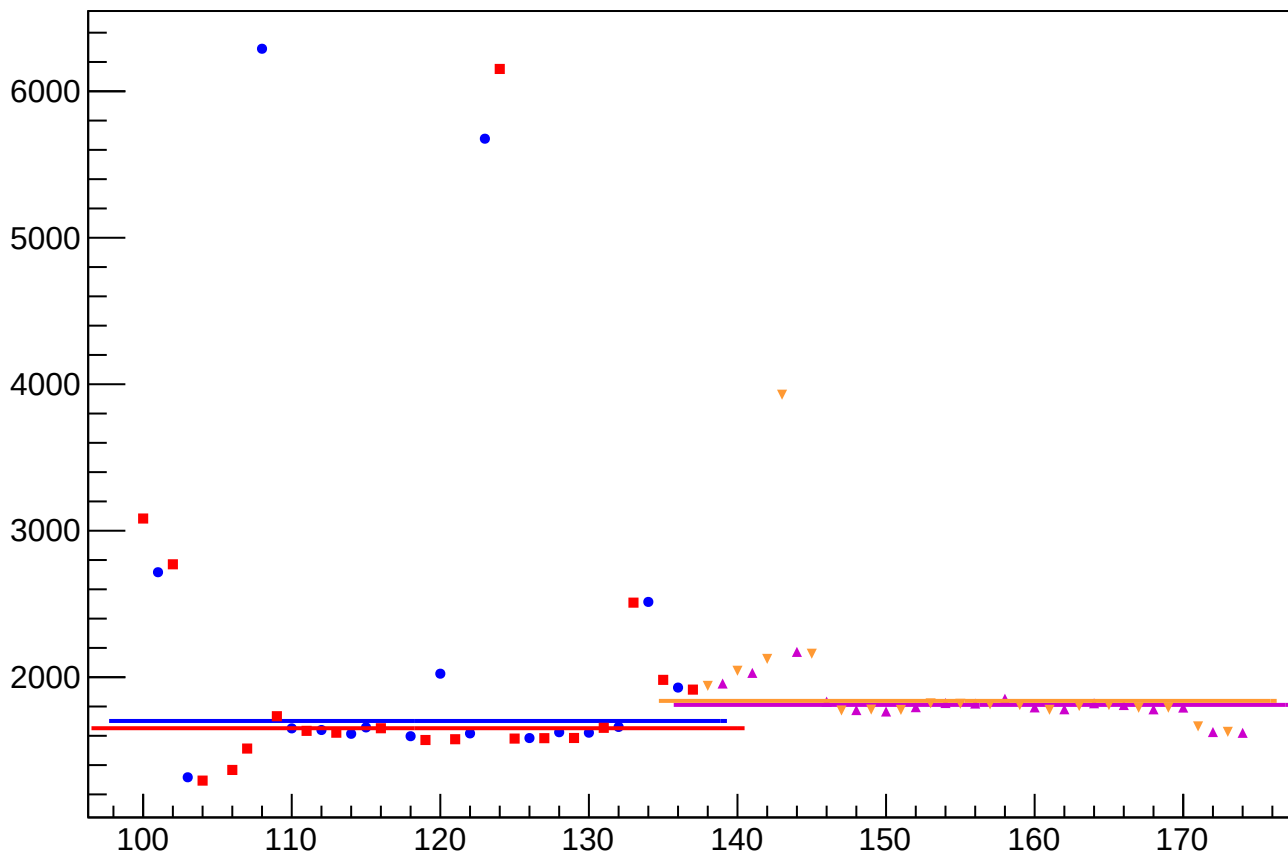
Left In: 333.480+/-482.195 χ^2/NDF : 11.5/17

+ sign -585.241+/-398.240 χ^2/NDF : 37.5/35

All: -173.337+/-276.817 χ^2/NDF : 66.7/72

- sign 211.736+/-385.051 χ^2/NDF : 27.2/36

dit_asym_at2_dd_rms vs Slug



Right In: 1701.283 $\pm$ 0.480 χ^2 /NDF: 778718.7/16

Left Out: 1838.344 $\pm$ 0.348 χ^2 /NDF: 499383.1/18

Right Out: 1651.734 $\pm$ 0.452 χ^2 /NDF: 588842.2/18

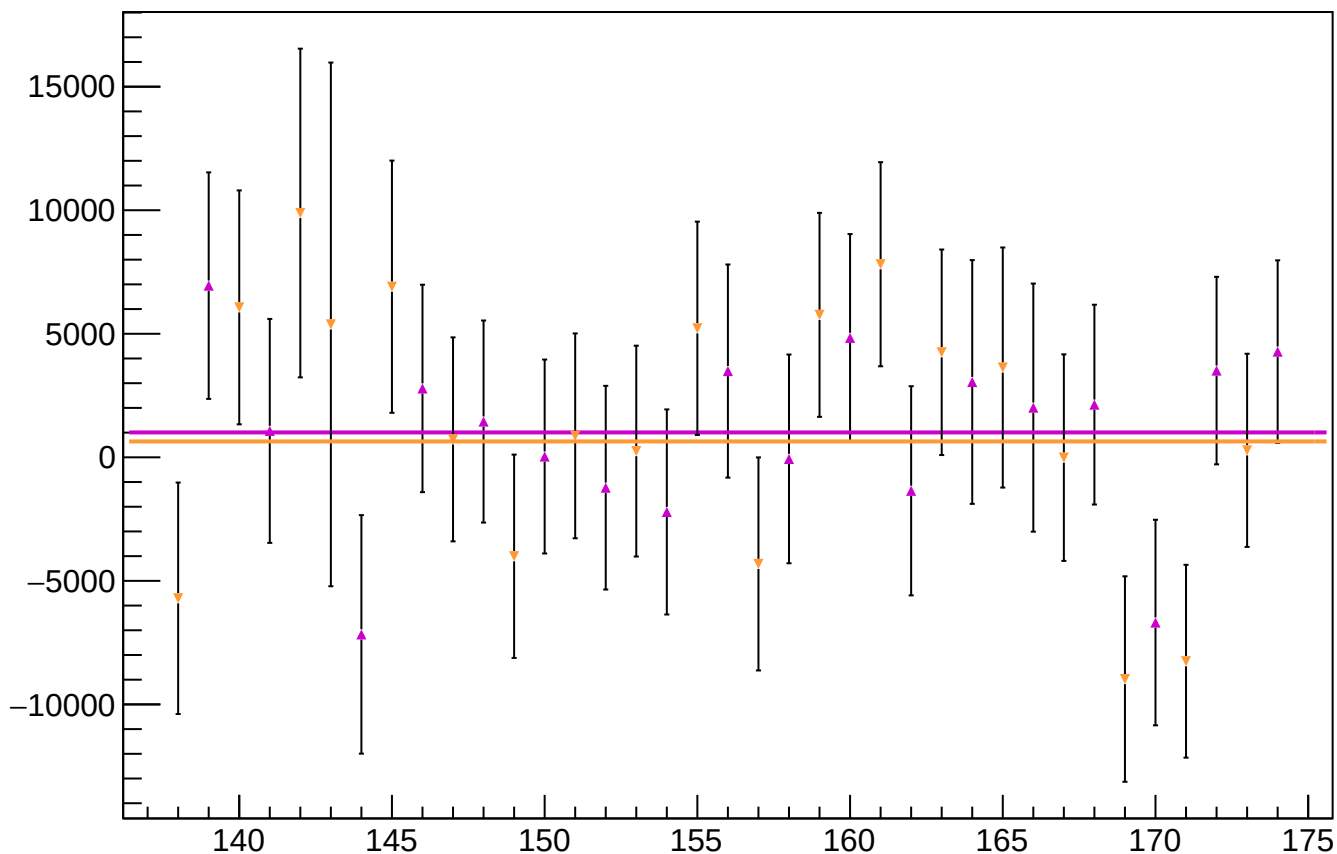
Left In: 1811.038 $\pm$ 0.341 χ^2 /NDF: 123362.7/17

+ sign 1791.218 $\pm$ 0.282 χ^2 /NDF: 1331549.9/35

All: 1771.629 $\pm$ 0.196 χ^2 /NDF: 2132213.8/72

- sign 1753.316 $\pm$ 0.272 χ^2 /NDF: 791300.9/36

asym_at2_dd_correction_mean vs Slug



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

Left Out: 643.469+/-1019.522 χ^2/NDF : 26.8/18

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

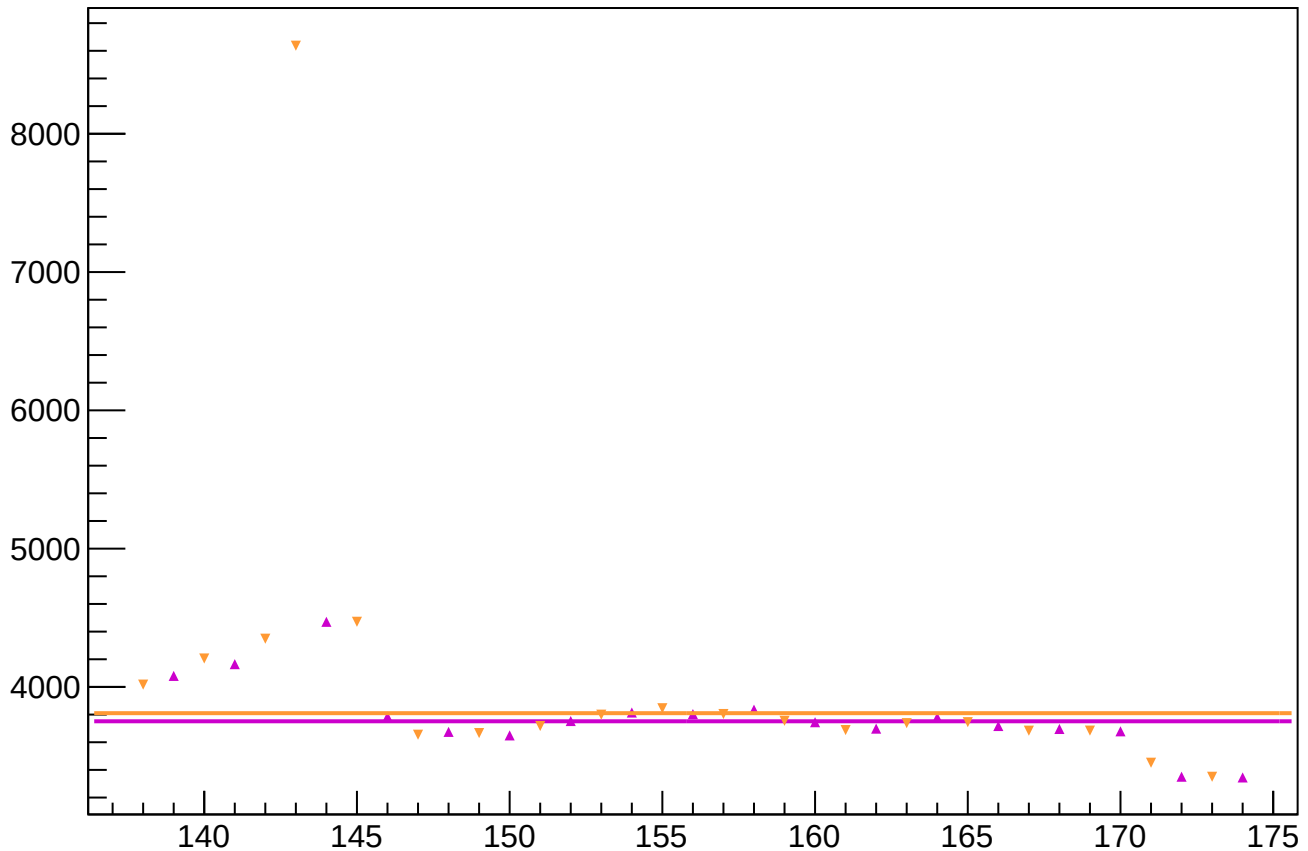
Left In: 1007.708+/-998.818 χ^2/NDF : 12.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 829.324+/-713.479 χ^2/NDF : 39.0/36

- 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: 3810.199+/-0.721 χ^2/NDF : 537072.3/18

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

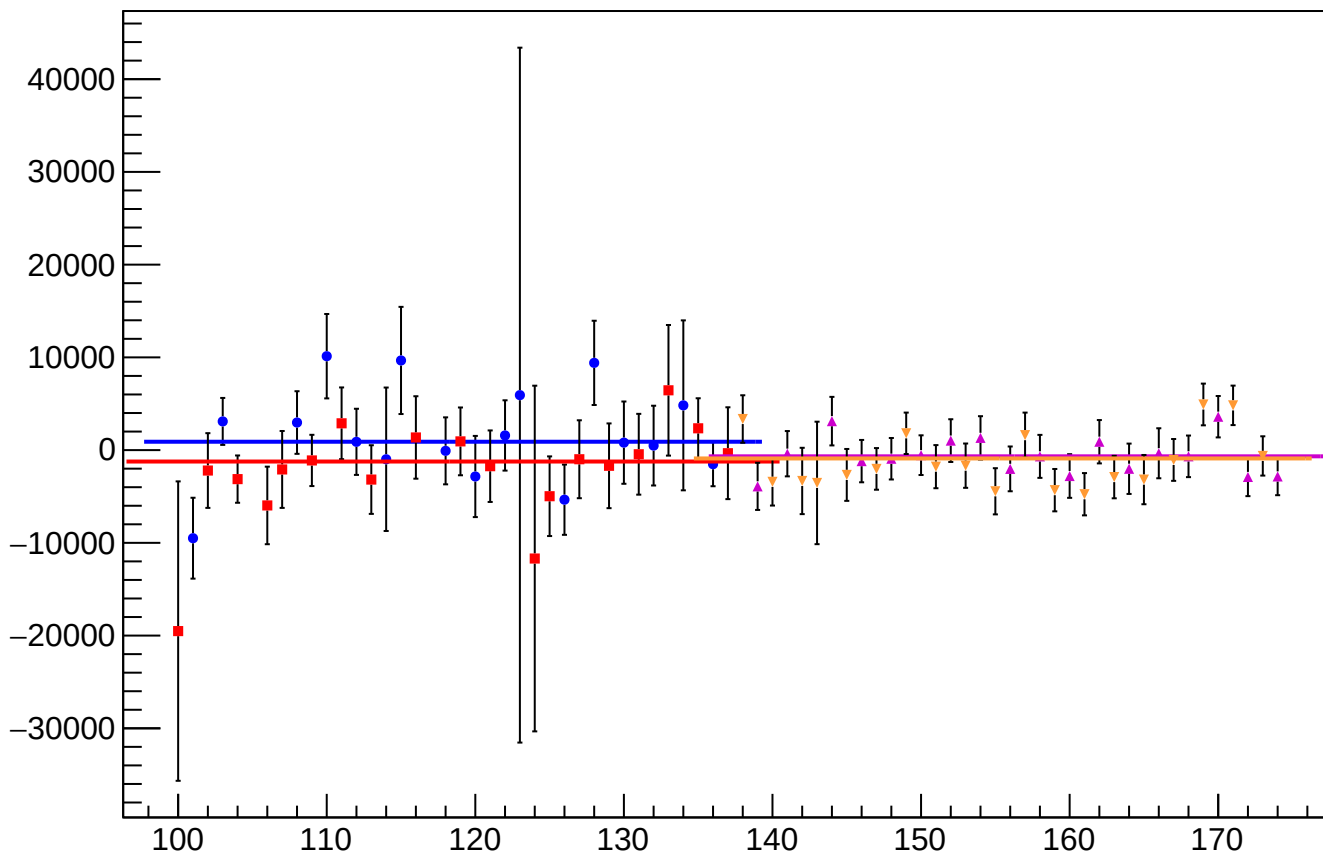
Left In: 3751.508+/-0.706 χ^2/NDF : 122965.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3780.252+/-0.505 χ^2/NDF : 663419.6/36

- 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: -899.272+/-560.856 χ^2/NDF : 30.4/18

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

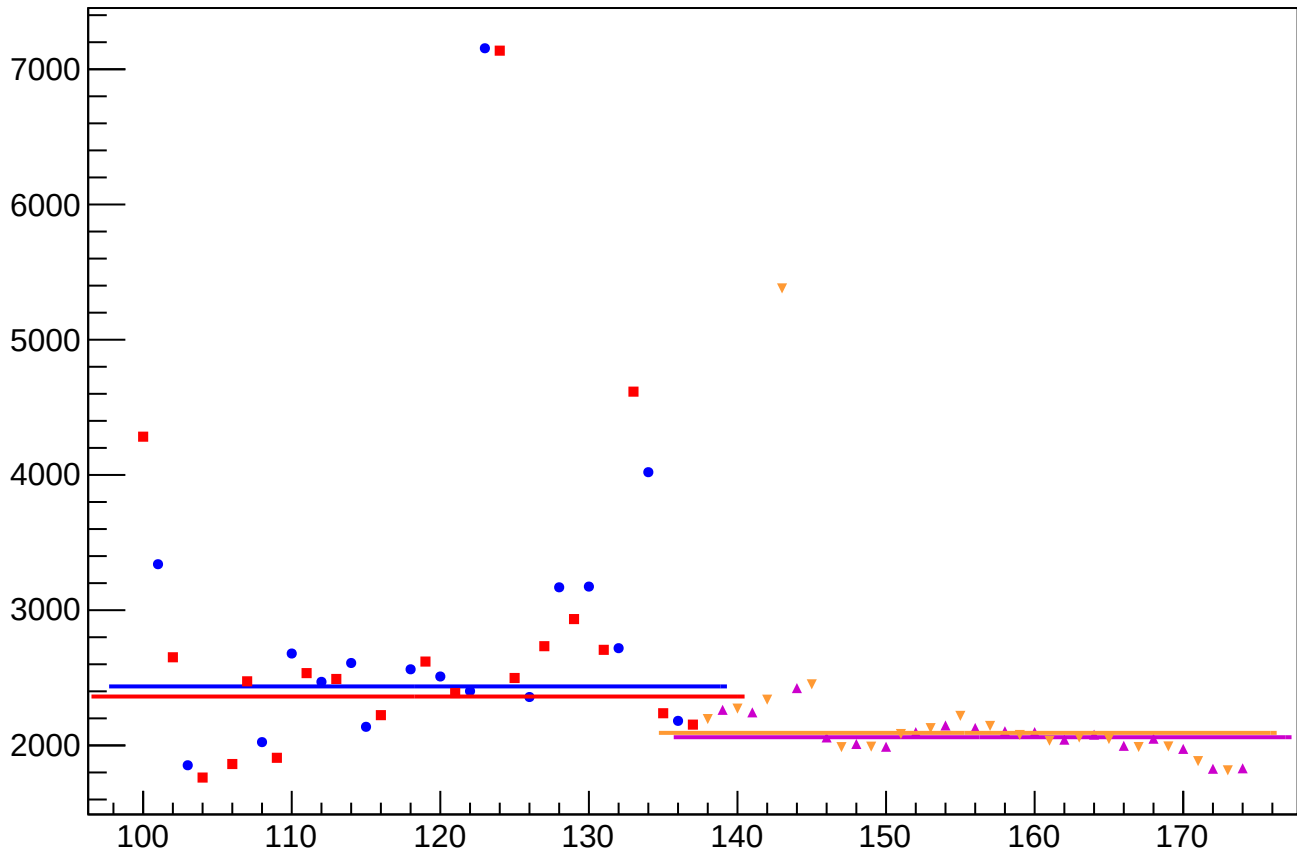
Left In: -669.484+/-548.648 χ^2/NDF : 12.9/17

+ sign -441.950+/-484.513 χ^2/NDF : 54.6/35

All: -633.714+/-338.051 χ^2/NDF : 77.0/72

- sign -815.615+/-471.890 χ^2/NDF : 22.1/36

asym_at2_dd_rms vs Slug



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

Left Out: 2092.781+/-0.397 χ^2/NDF : 630084.0/18

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

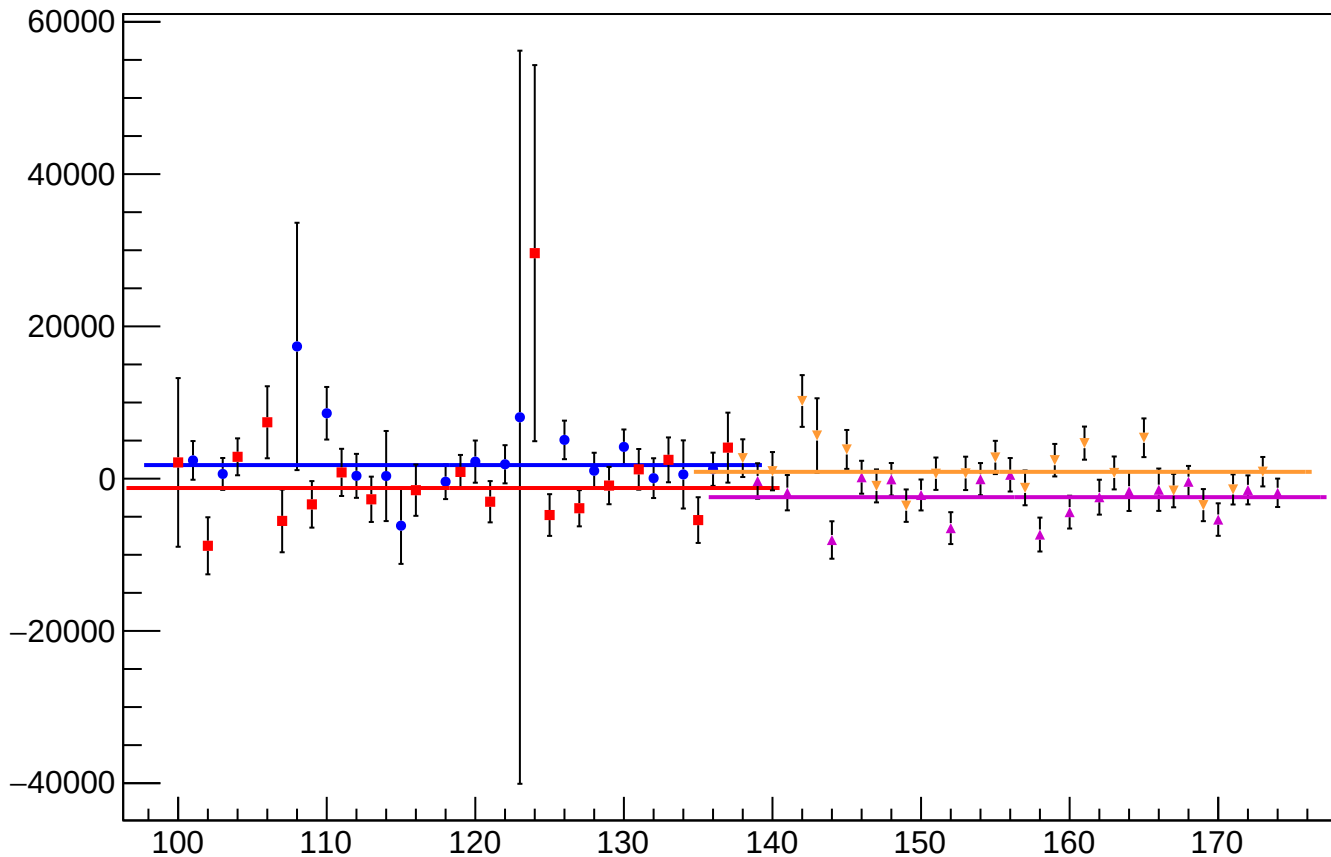
Left In: 2060.589+/-0.388 χ^2/NDF : 127493.0/17

+ sign 2179.924+/-0.343 χ^2/NDF : 1288943.9/35

All: 2158.877+/-0.239 χ^2/NDF : 2236260.5/72

- sign 2138.913+/-0.334 χ^2/NDF : 939963.0/36

dit_asym_atl_avg_mean vs Slug



Right In: 1783.505 $\pm$ 694.403 χ^2 /NDF: 12.4/16

Left Out: 895.104 $\pm$ 525.482 χ^2 /NDF:30.5/18

Right Out: -1229.293 $\pm$ 708.144 χ^2 /NDF: 24.2/18

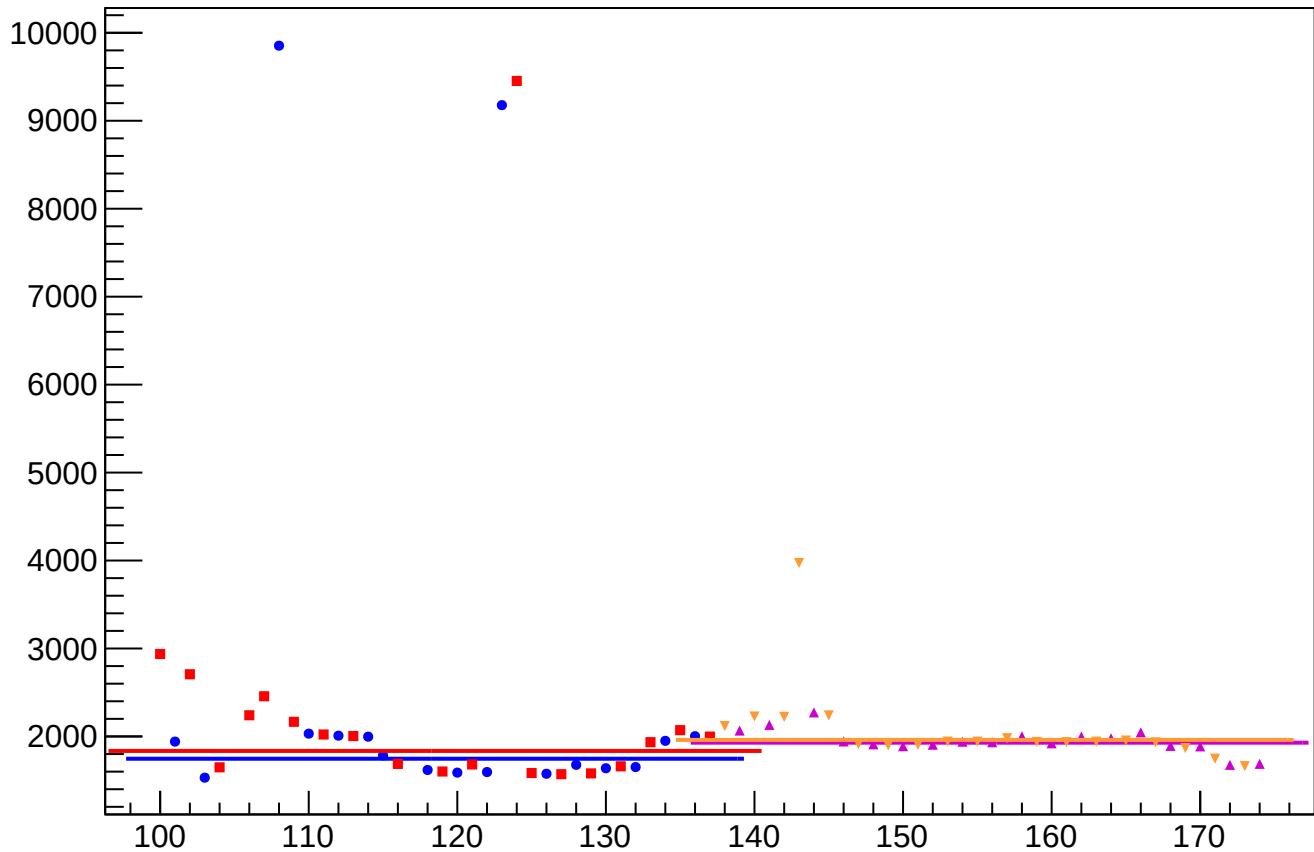
Left In: -2430.178 $\pm$ 515.096 χ^2 /NDF:24.7/17

+ sign 1218.599 $\pm$ 419.026 χ^2 /NDF: 44.0/35

All: -407.592 $\pm$ 295.418 χ^2 /NDF: 124.8/72

- sign -2014.650 $\pm$ 416.554 χ^2 /NDF: 50.9/36

dit_asym_atl_avg_rms vs Slug



Right In: 1746.836 $\pm$ 0.491 χ^2 /NDF: 682484.5/16

Left Out: 1960.738 $\pm$ 0.372 χ^2 /NDF: 484686.9/18

Right Out: 1835.413 $\pm$ 0.500 χ^2 /NDF: 550402.9/18

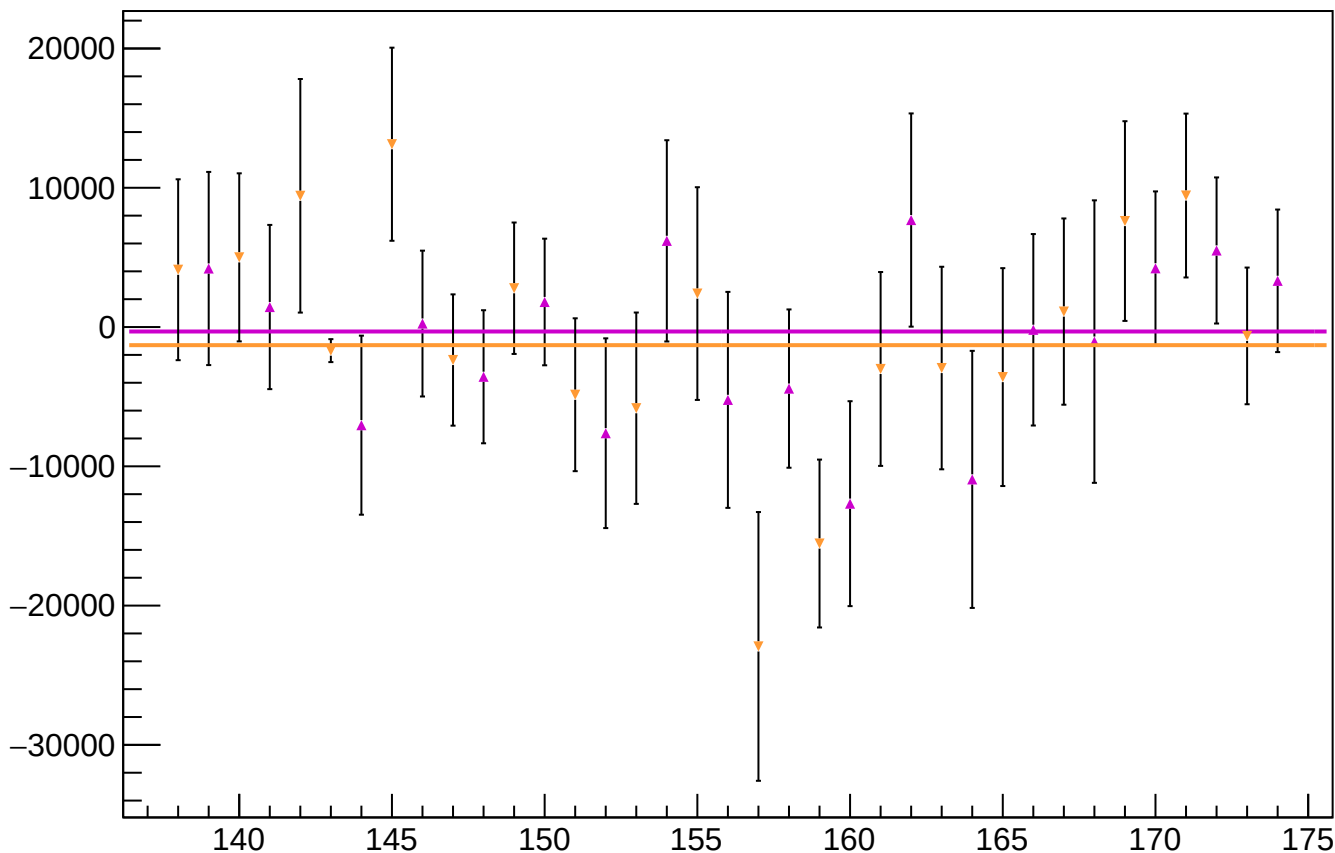
Left In: 1929.368 $\pm$ 0.364 χ^2 /NDF: 140661.6/17

+ sign 1882.850 $\pm$ 0.296 χ^2 /NDF: 1287842.2/35

All: 1889.872 $\pm$ 0.209 χ^2 /NDF: 2003083.9/72

- sign 1896.807 $\pm$ 0.294 χ^2 /NDF: 714125.1/36

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1300.708+/-720.602 χ^2/NDF :25.7/18

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

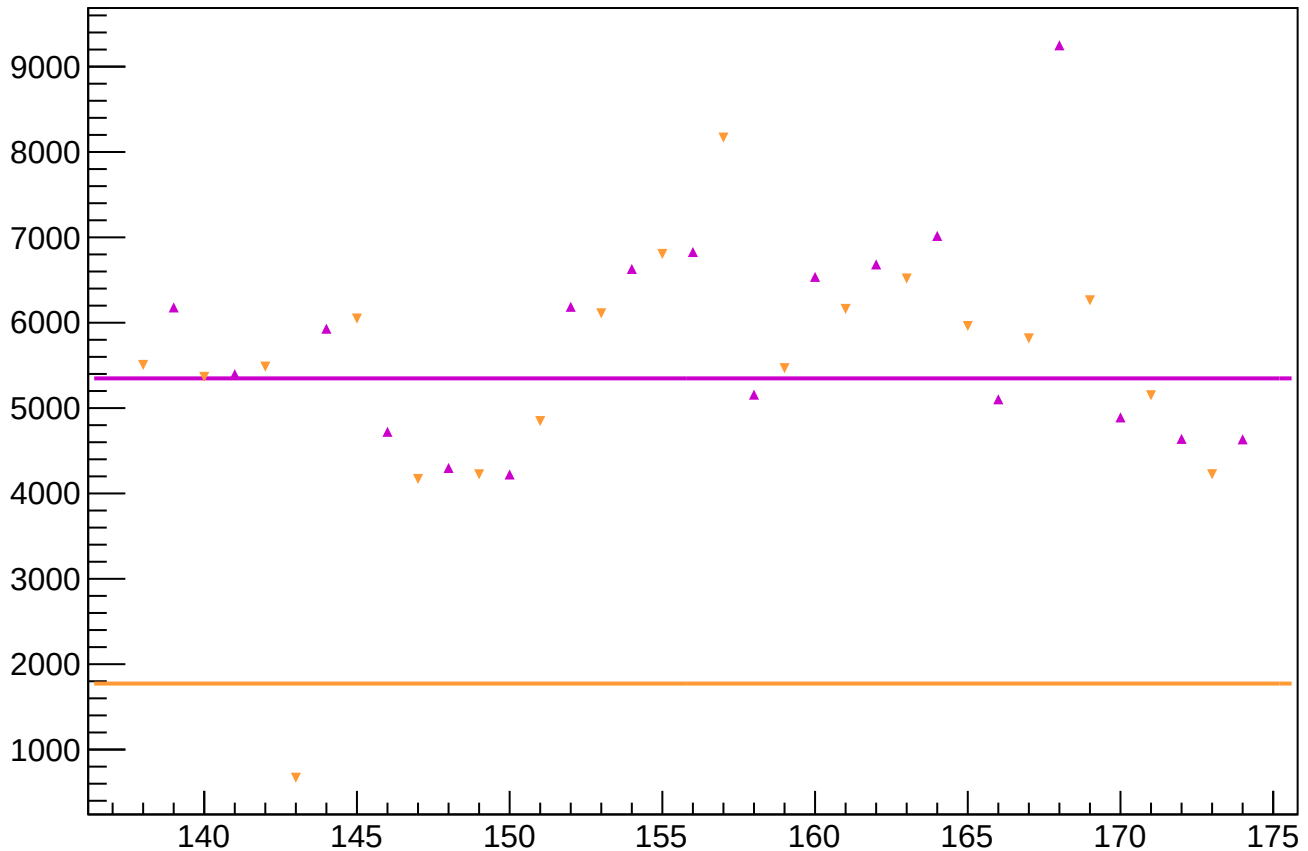
Left In: -319.621+/-1449.003 χ^2/NDF :12.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1106.179+/-645.219 χ^2/NDF : 38.9/36

- 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: 1772.922+/-0.510 χ^2/NDF :15979066.8/18

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

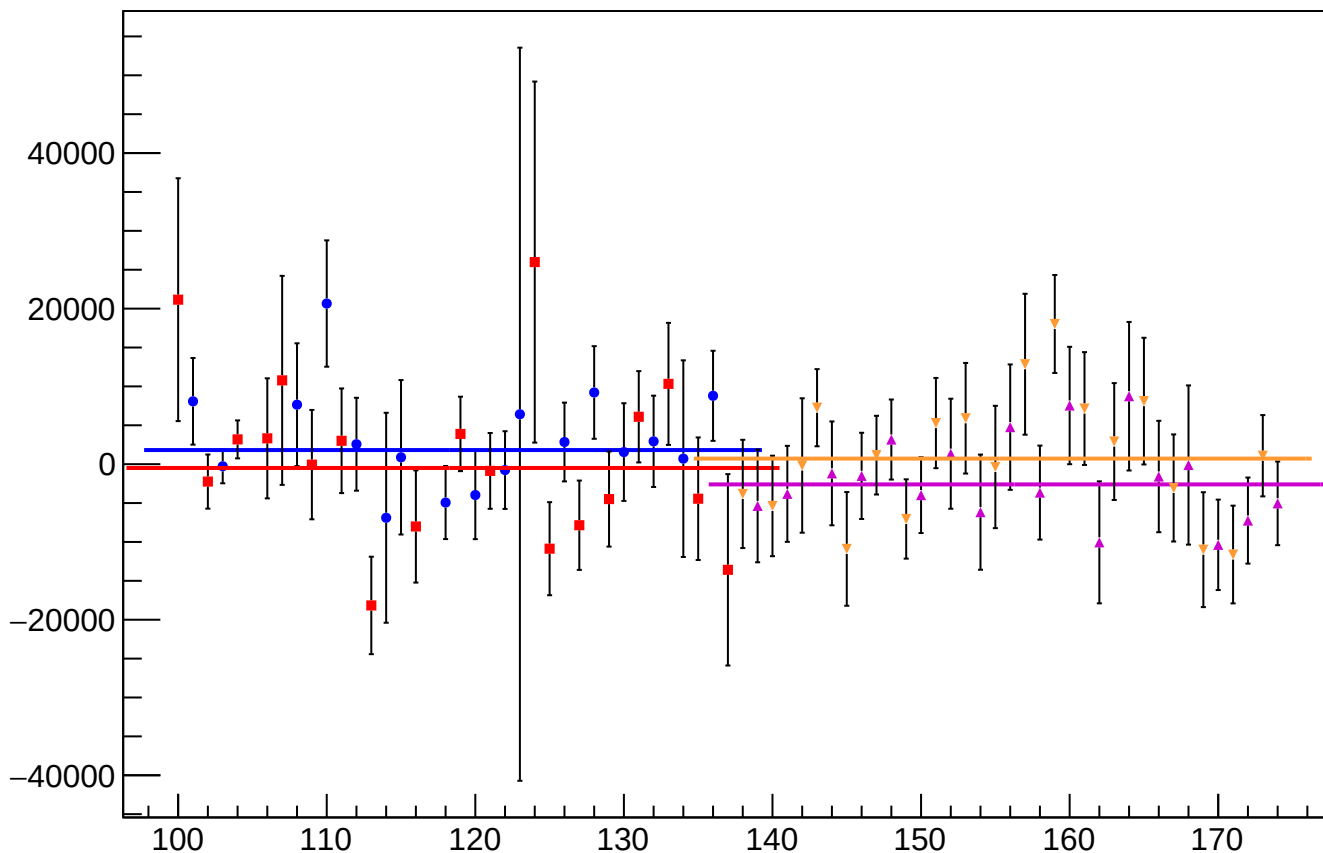
Left In: 5348.053+/-1.025 χ^2/NDF :1027577.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2481.794+/-0.456 χ^2/NDF : 26767744.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



Right In: 1814.267 $\pm$ 1301.312 χ^2 /NDF: 15.0/16

Left Out: 717.338 $\pm$ 1488.900 χ^2 /NDF: 26.8/18

Right Out: -488.360 $\pm$ 1286.073 χ^2 /NDF: 26.5/18

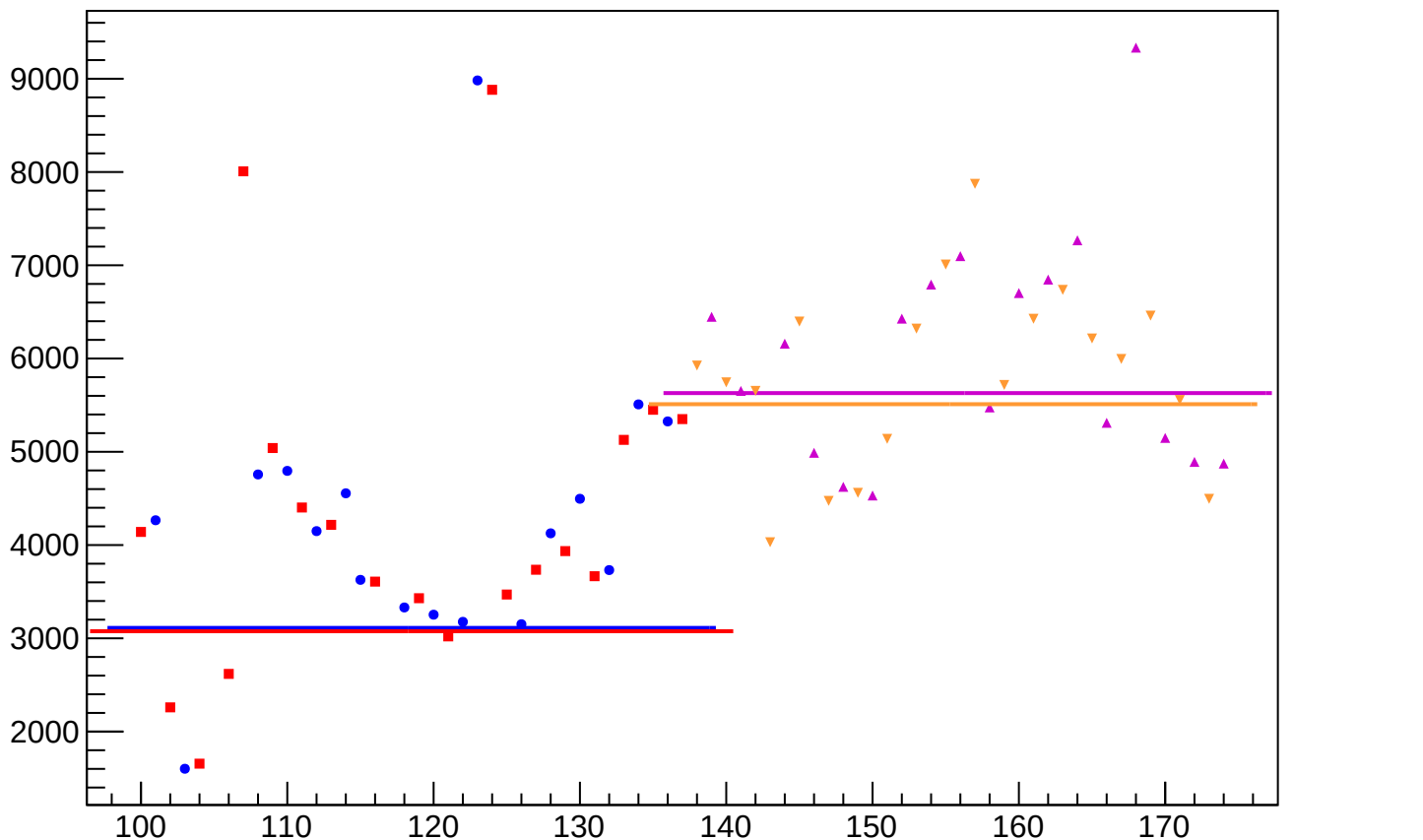
Left In: -2601.646 $\pm$ 1522.057 χ^2 /NDF: 9.9/17

+ sign 1339.218 $\pm$ 979.818 χ^2 /NDF: 42.1/35

All: -11.225 $\pm$ 693.729 χ^2 /NDF: 83.4/72

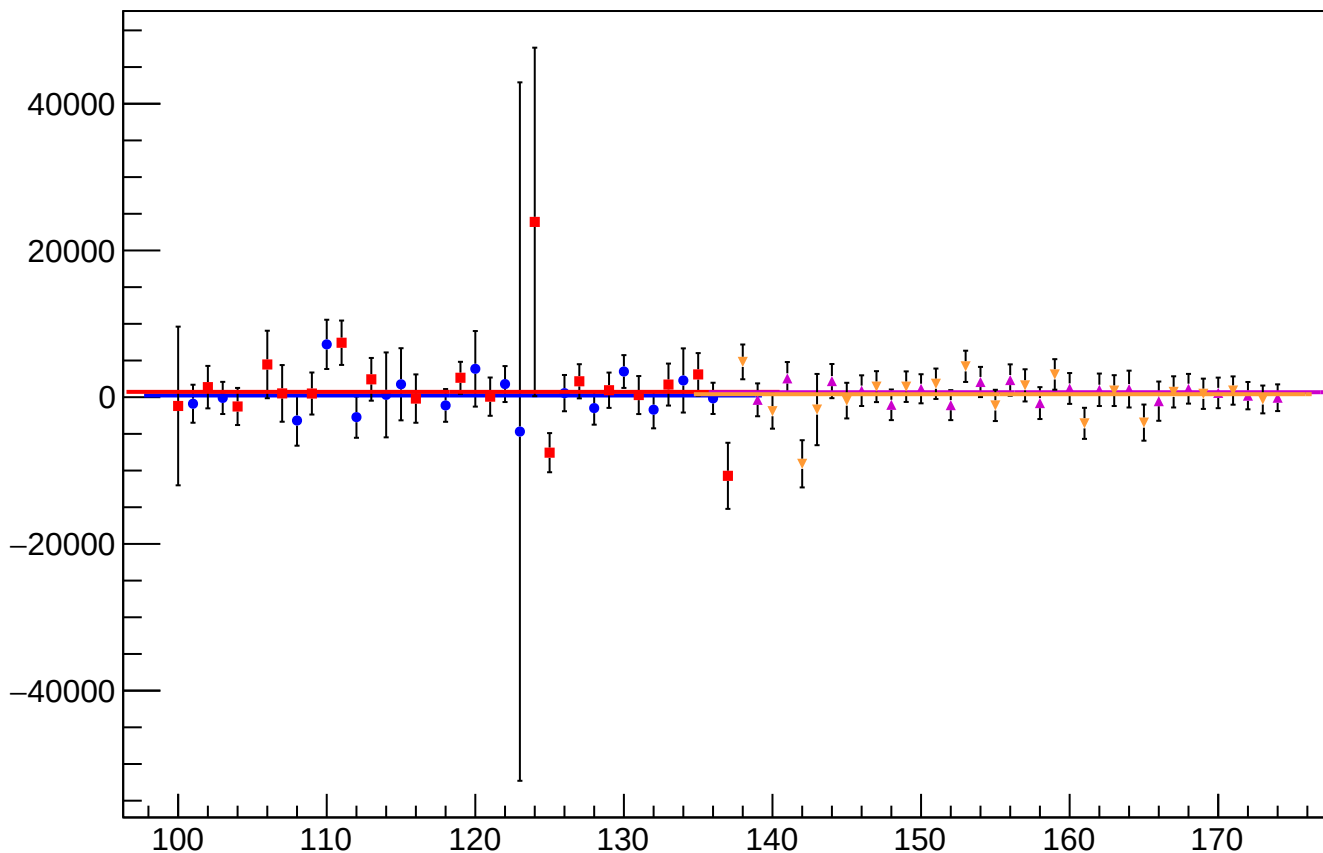
- sign -1368.657 $\pm$ 982.350 χ^2 /NDF: 37.5/36

asym_atl_avg_rms vs Slug



Right In: 3111.560 ± 0.920 $\chi^2/\text{NDF}: 1878991.5/16$
 Left Out: 5510.377 ± 1.053 $\chi^2/\text{NDF}: 834835.8/18$
 Right Out: 3075.800 ± 0.896 $\chi^2/\text{NDF}: 2009557.4/18$
 Left In: 5629.596 ± 1.076 $\chi^2/\text{NDF}: 887041.3/17$
 + sign 4150.414 ± 0.693 $\chi^2/\text{NDF}: 5657051.8/35$
 All: 4135.891 ± 0.488 $\chi^2/\text{NDF}: 11879374.6/7$
 - sign 4121.540 ± 0.689 $\chi^2/\text{NDF}: 6221449.2/36$

dit_asym_atl_dd_mean vs Slug



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

Left Out: 407.665+/-509.897 χ^2/NDF : 26.3/18

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

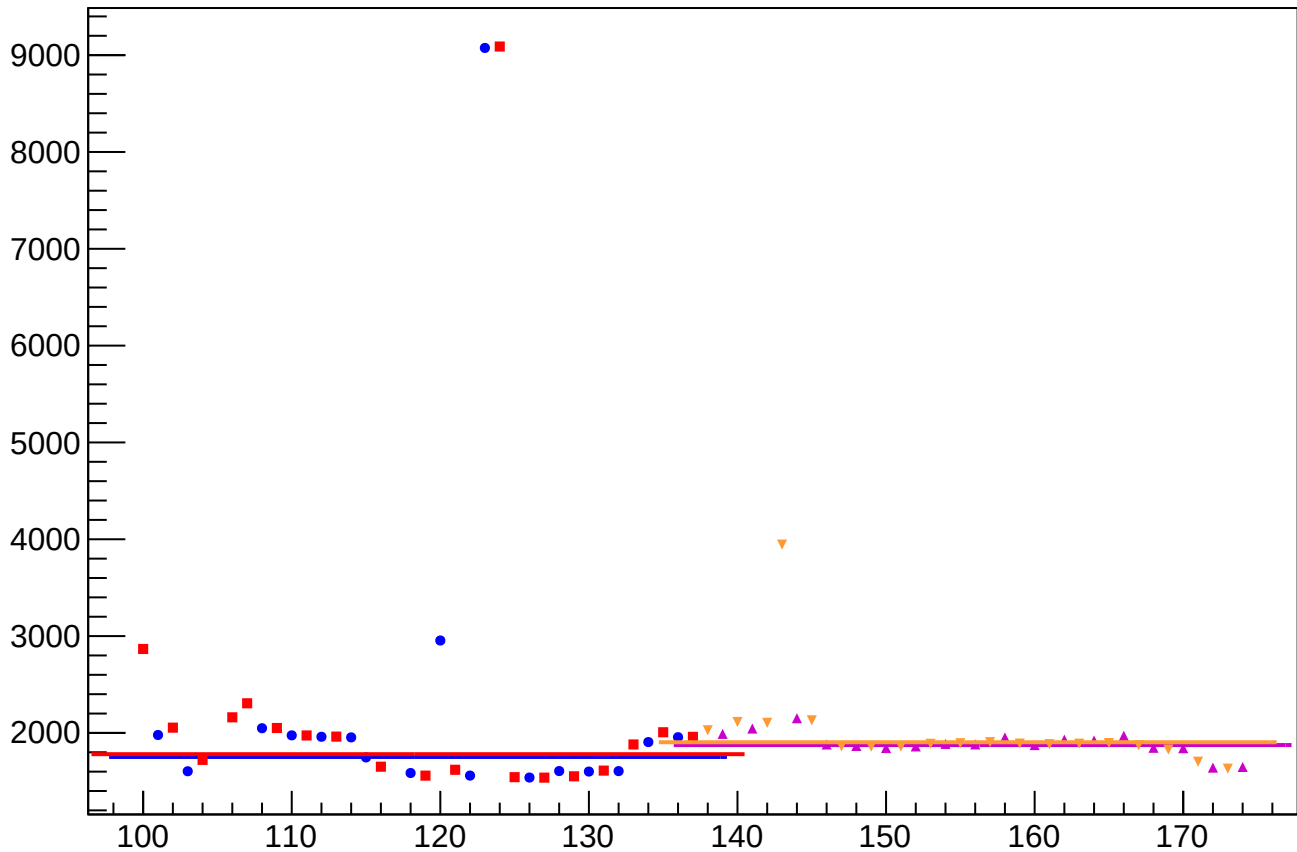
Left In: 677.757+/-500.209 χ^2/NDF : 5.0/17

+ sign 345.358+/-409.399 χ^2/NDF : 37.9/35

All: 522.395+/-287.488 χ^2/NDF : 69.0/72

- sign 694.621+/-403.798 χ^2/NDF : 30.8/36

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1903.549+/-0.361 χ^2/NDF : 468731.7/18

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

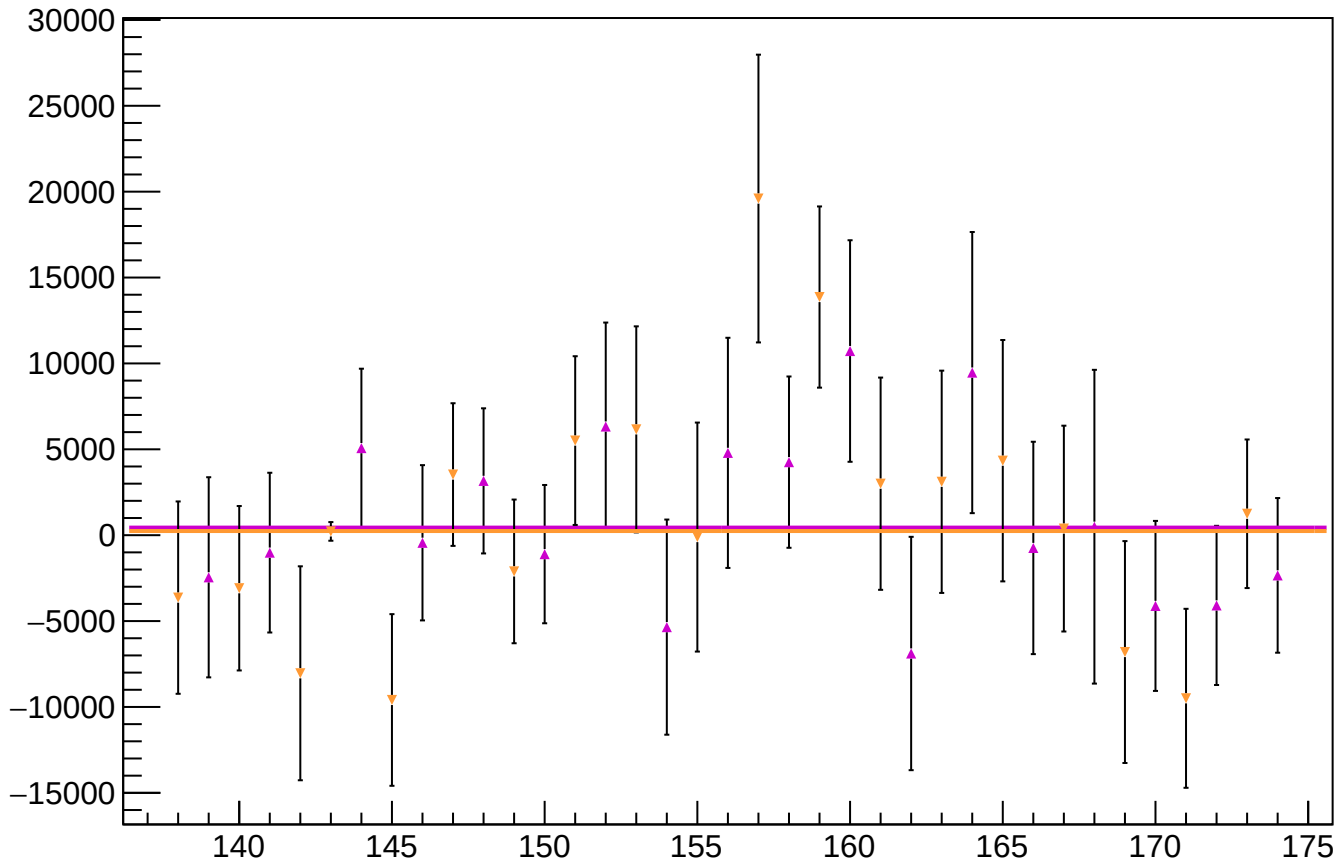
Left In: 1874.719+/-0.354 χ^2/NDF : 116249.3/17

+ sign 1849.644+/-0.289 χ^2/NDF : 832534.1/35

All: 1845.630+/-0.203 χ^2/NDF : 1402411.3/72

- sign 1841.730+/-0.285 χ^2/NDF : 569498.2/36

asym_atl_dd_correction_mean vs Slug



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

Left Out: 242.111+/-499.785 χ^2/NDF : 27.2/18

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

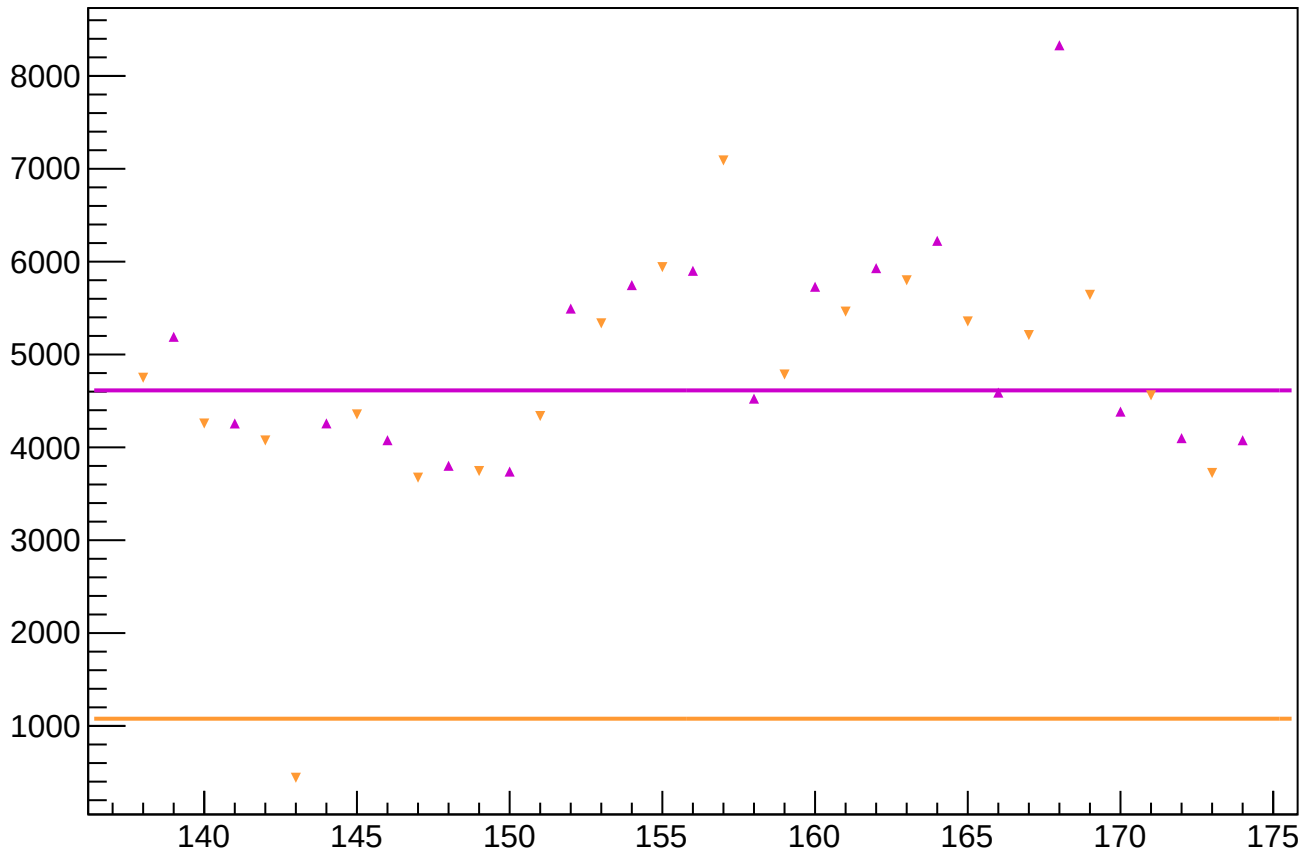
Left In: 441.143+/-1249.949 χ^2/NDF : 11.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.545+/-464.063 χ^2/NDF : 39.1/36

- 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: 1077.735+/-0.353 χ^2/NDF :18782004.7/18

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

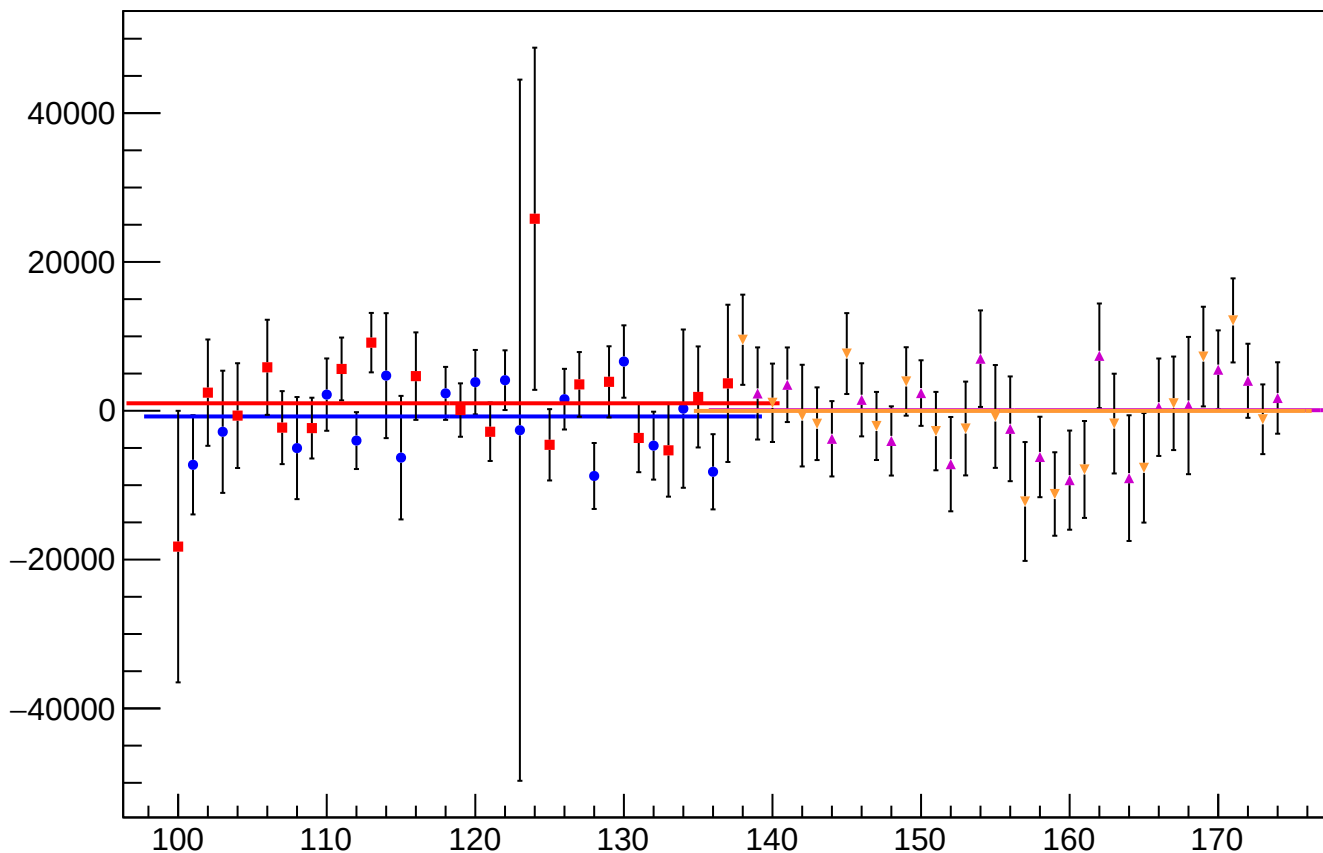
Left In: 4613.542+/-0.884 χ^2/NDF :1023092.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.104+/-0.328 χ^2/NDF : 33602930.3/3

- 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: -17.786+/-1320.030 χ^2/NDF : 20.8/18

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

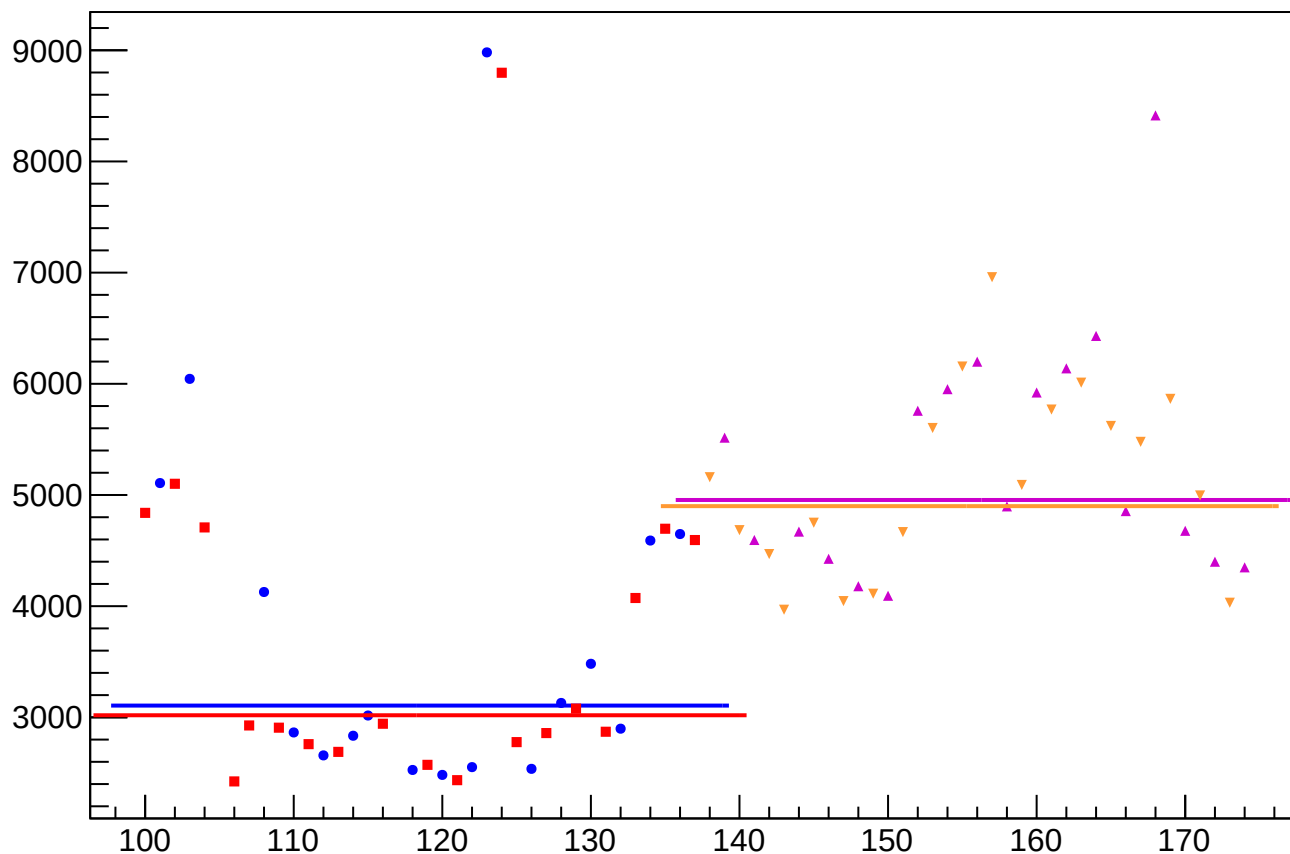
Left In: 76.160+/-1338.031 χ^2/NDF : 12.3/17

+ sign -412.480+/-906.751 χ^2/NDF : 36.5/35

All: 100.449+/-635.045 χ^2/NDF : 64.7/72

- sign 594.237+/-889.672 χ^2/NDF : 27.6/36

asym_atl_dd_rms vs Slug



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

Left Out: 4899.675+/-0.933 χ^2 /NDF:685276.7/18

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

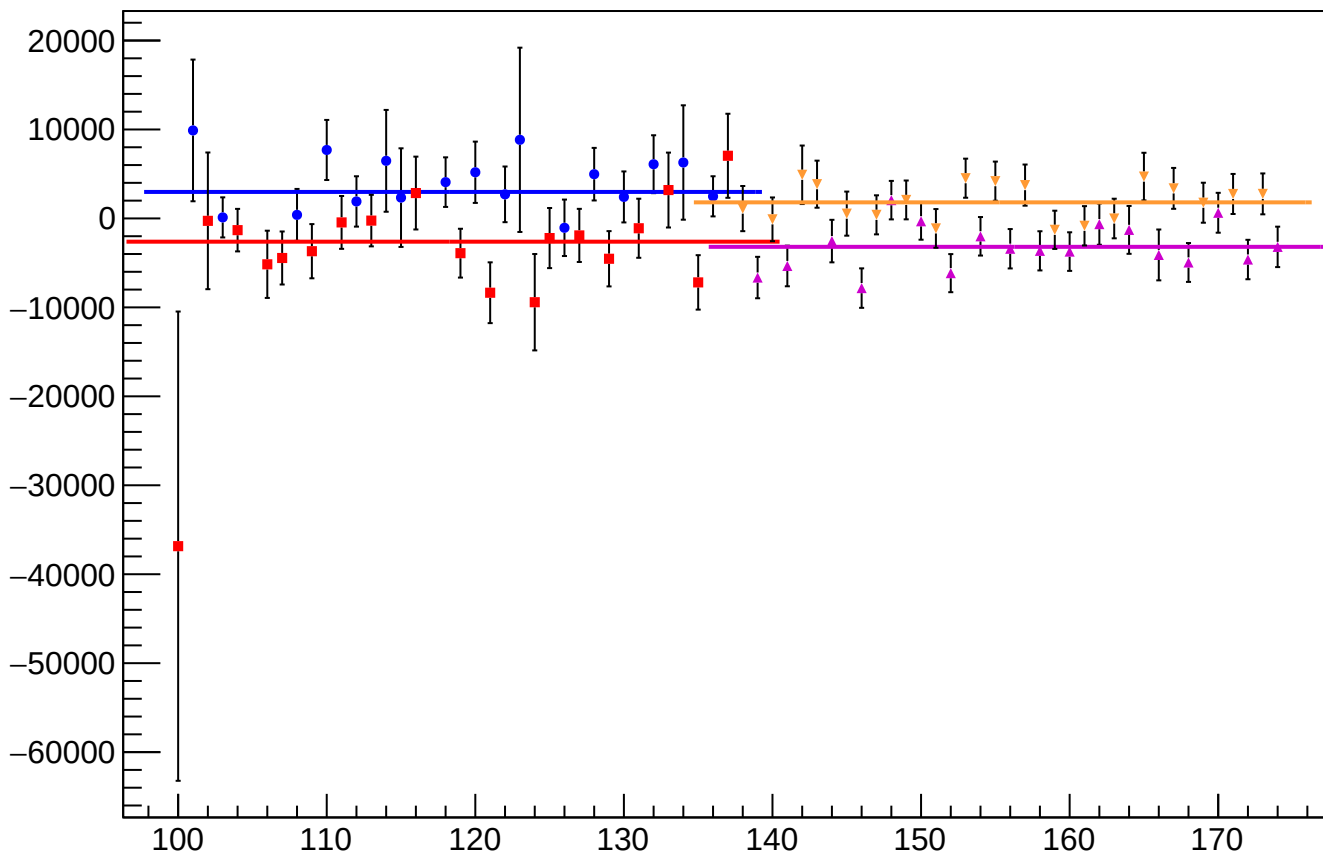
Left In: 4955.115+/-0.946 χ^2 /NDF:834037.1/17

+ sign 3952.271+/-0.641 χ^2 /NDF: 3595748.2/35

All: 3906.419+/-0.447 χ^2 /NDF: 7596618.4/72

- sign 3862.894+/-0.625 χ^2 /NDF: 3990901.5/36

dit_asym_atr_avg_mean vs Slug



Right In: 2978.445 $\pm$ 795.398 χ^2 /NDF: 9.9/16

Left Out: 1806.465 $\pm$ 535.750 χ^2 /NDF:14.2/18

Right Out: -2613.881 $\pm$ 783.228 χ^2 /NDF: 19.6/18

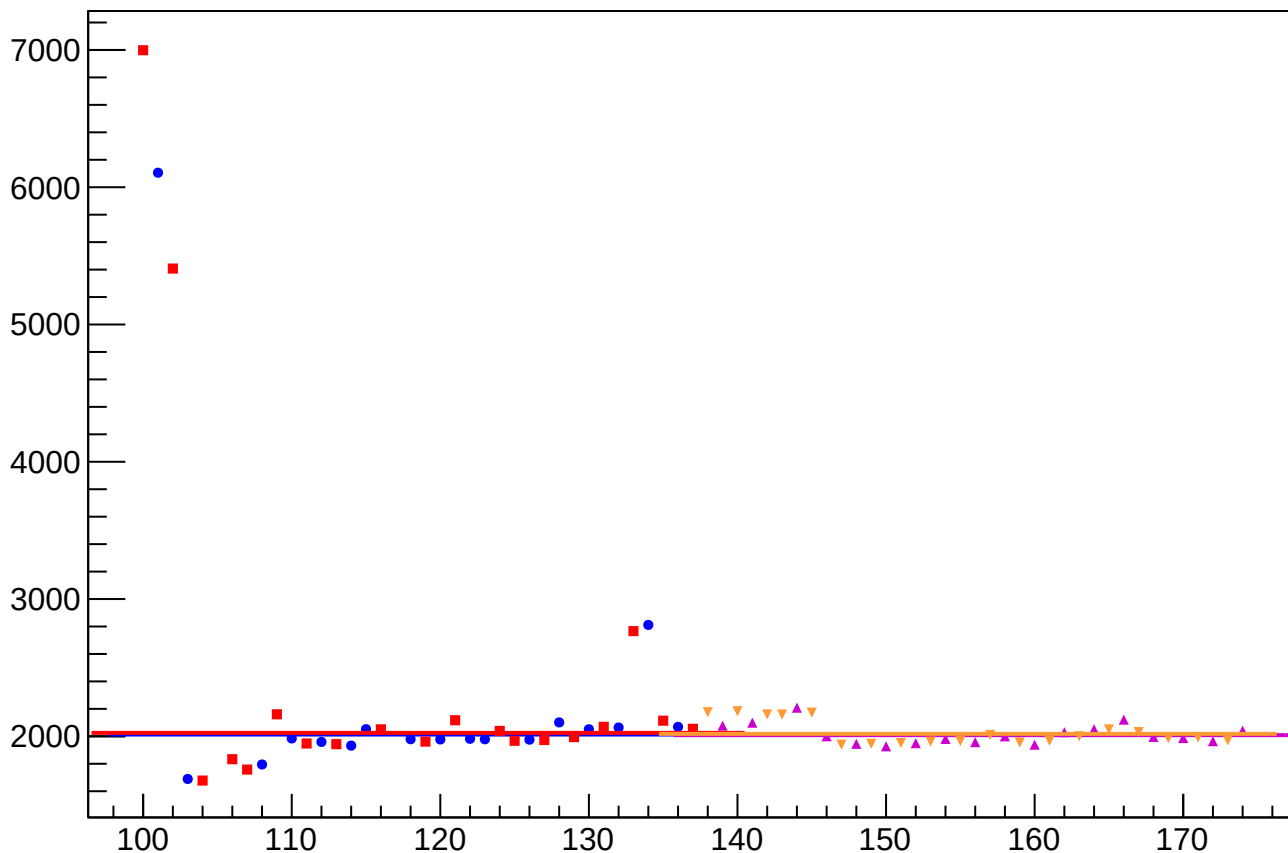
Left In: -3194.122 $\pm$ 534.028 χ^2 /NDF:23.4/17

+ sign 2172.232 $\pm$ 444.351 χ^2 /NDF: 25.6/35

All: -437.161 $\pm$ 313.093 χ^2 /NDF: 137.5/72

- sign -3009.979 $\pm$ 441.226 χ^2 /NDF: 43.4/36

dit_asym_atr_avg_rms vs Slug



Right In: 2012.945 $\pm$ 0.562 χ^2 /NDF: 617707.4/16

Left Out: 2017.679 $\pm$ 0.379 χ^2 /NDF: 47860.1/18

Right Out: 2025.070 $\pm$ 0.554 χ^2 /NDF: 597422.5/18

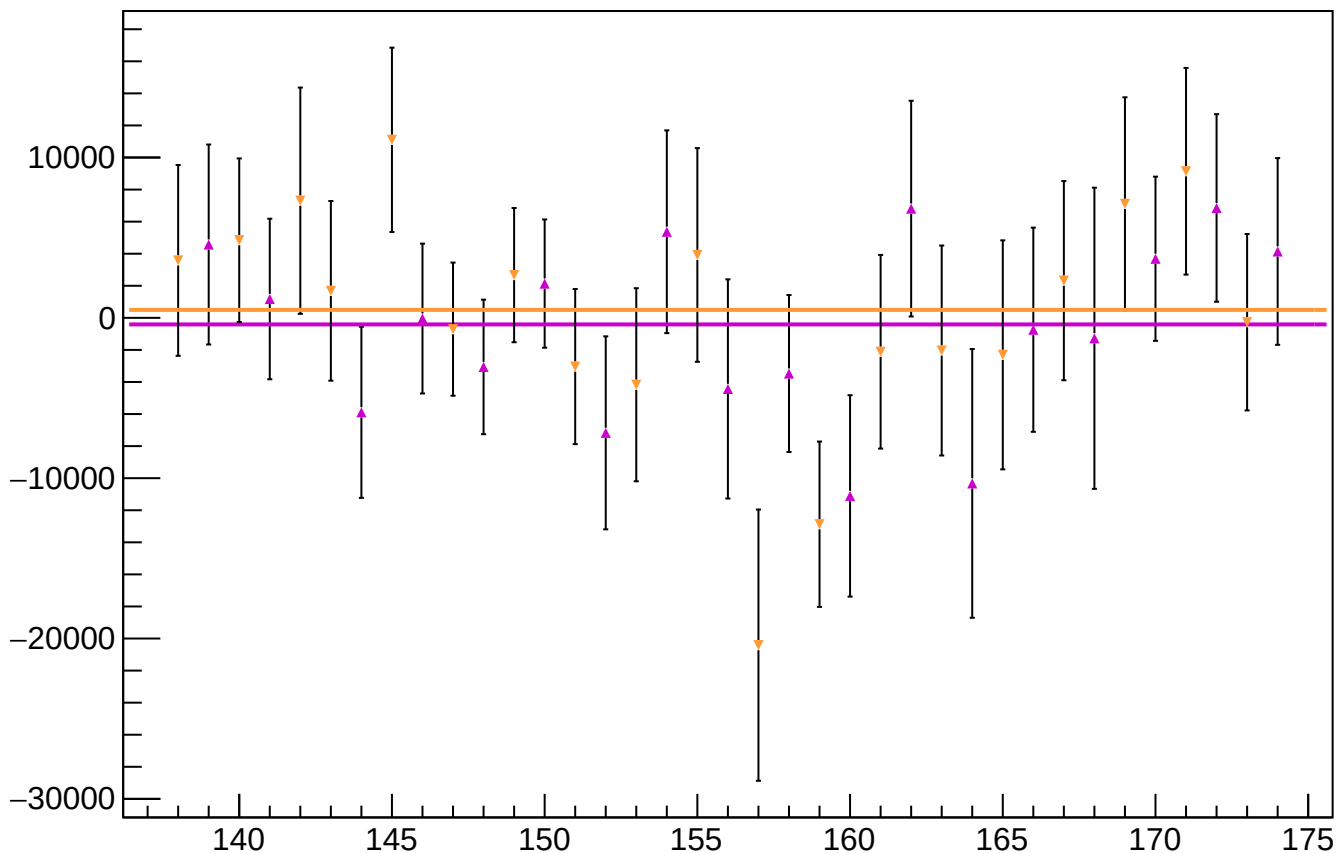
Left In: 2008.466 $\pm$ 0.378 χ^2 /NDF: 33965.9/17

+ sign 2016.202 $\pm$ 0.314 χ^2 /NDF: 665616.2/35

All: 2014.961 $\pm$ 0.221 χ^2 /NDF: 1297649.5/72

- sign 2013.737 $\pm$ 0.312 χ^2 /NDF: 632002.3/36

asym_atr_avg_correction_mean vs Slug



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

Left Out: 496.747+/-1308.059 χ^2/NDF :23.3/18

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

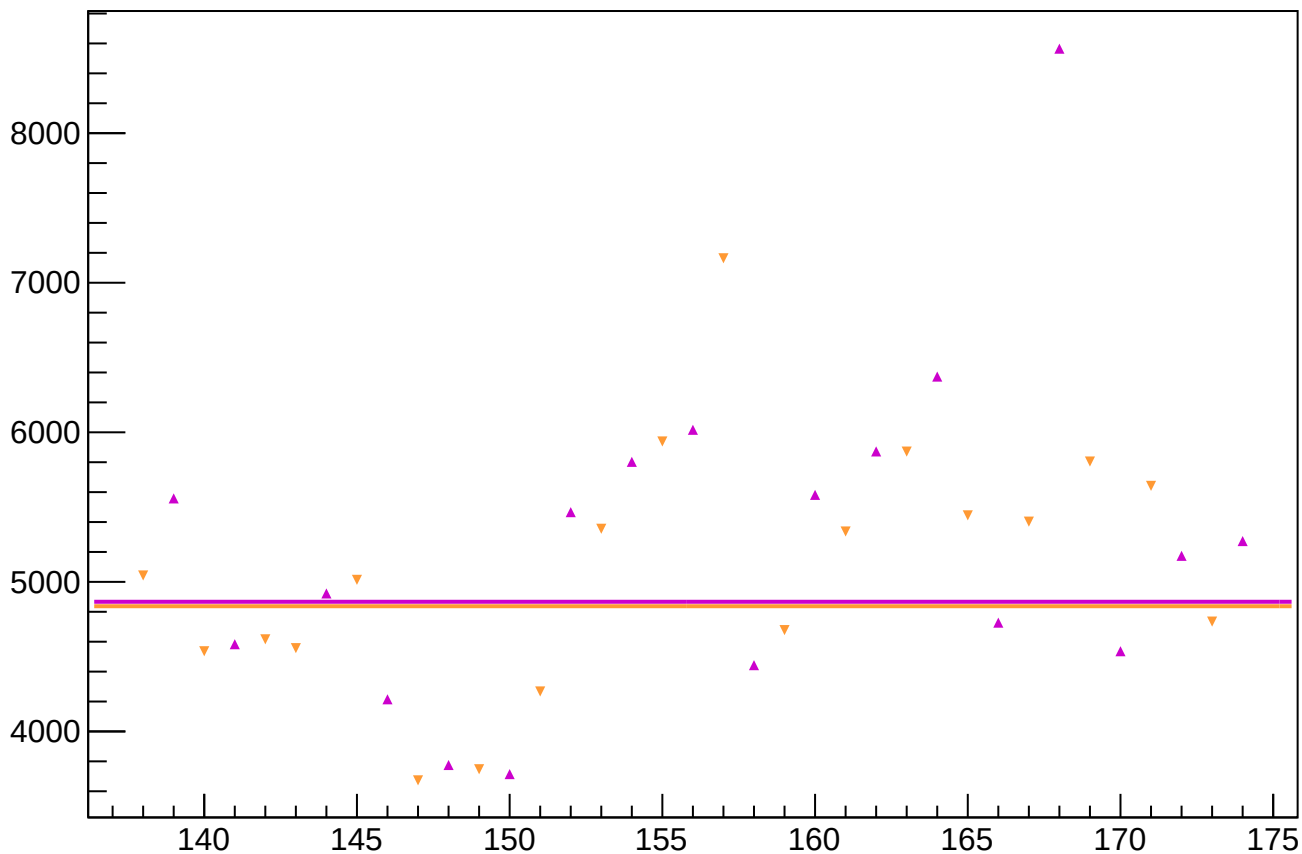
Left In: -409.485+/-1317.468 χ^2/NDF :13.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.879+/-928.246 χ^2/NDF : 37.3/36

- 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: 4837.138+/-0.925 χ^2/NDF : 730305.7/18

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

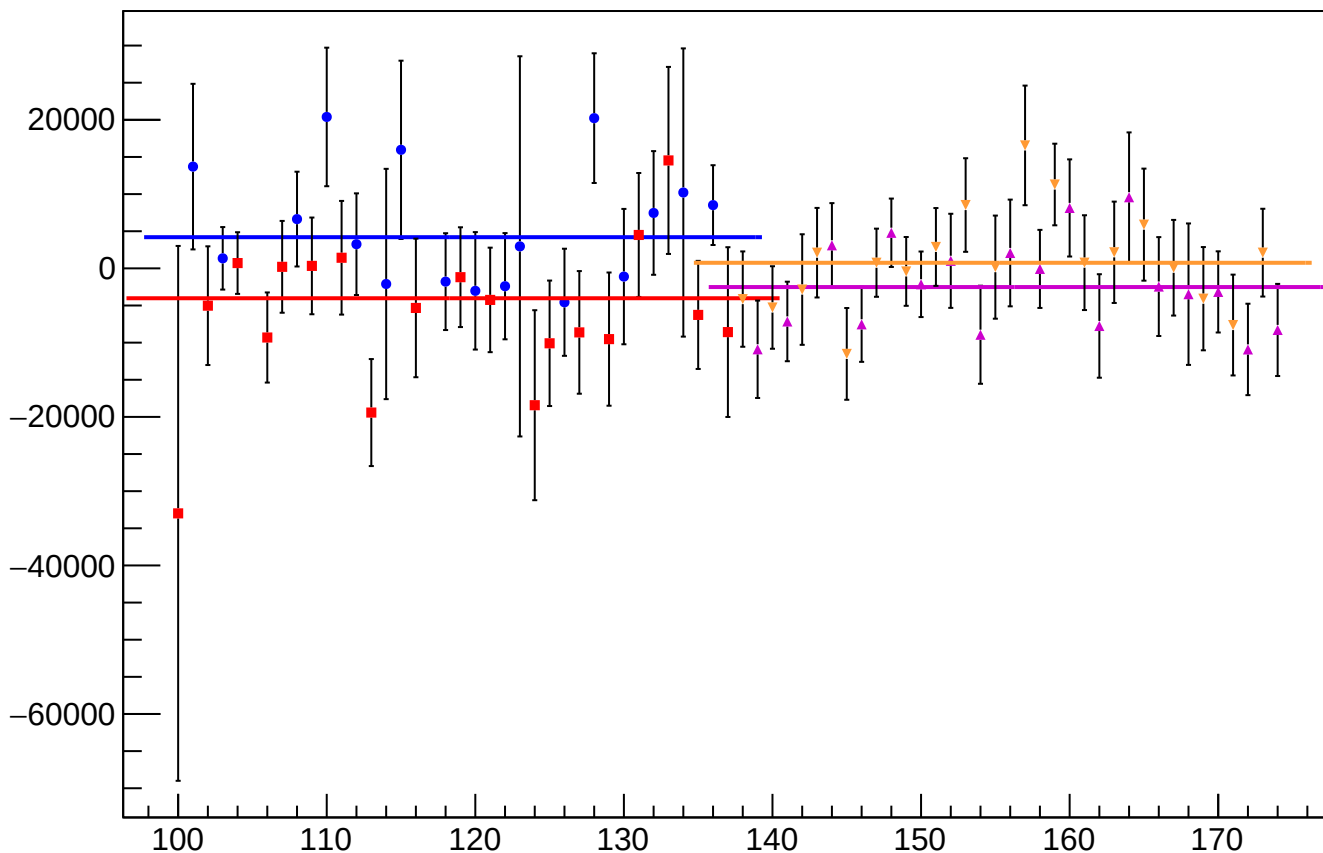
Left In: 4866.987+/-0.932 χ^2/NDF : 976492.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4851.955+/-0.656 χ^2/NDF : 1707314.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



Right In: 4198.770 $\pm$ 1857.803 χ^2 /NDF: 14.1/16

Left Out: 751.485 $\pm$ 1397.281 χ^2 /NDF:17.9/18

Right Out: -4023.682 $\pm$ 1725.187 χ^2 /NDF: 14.8/18

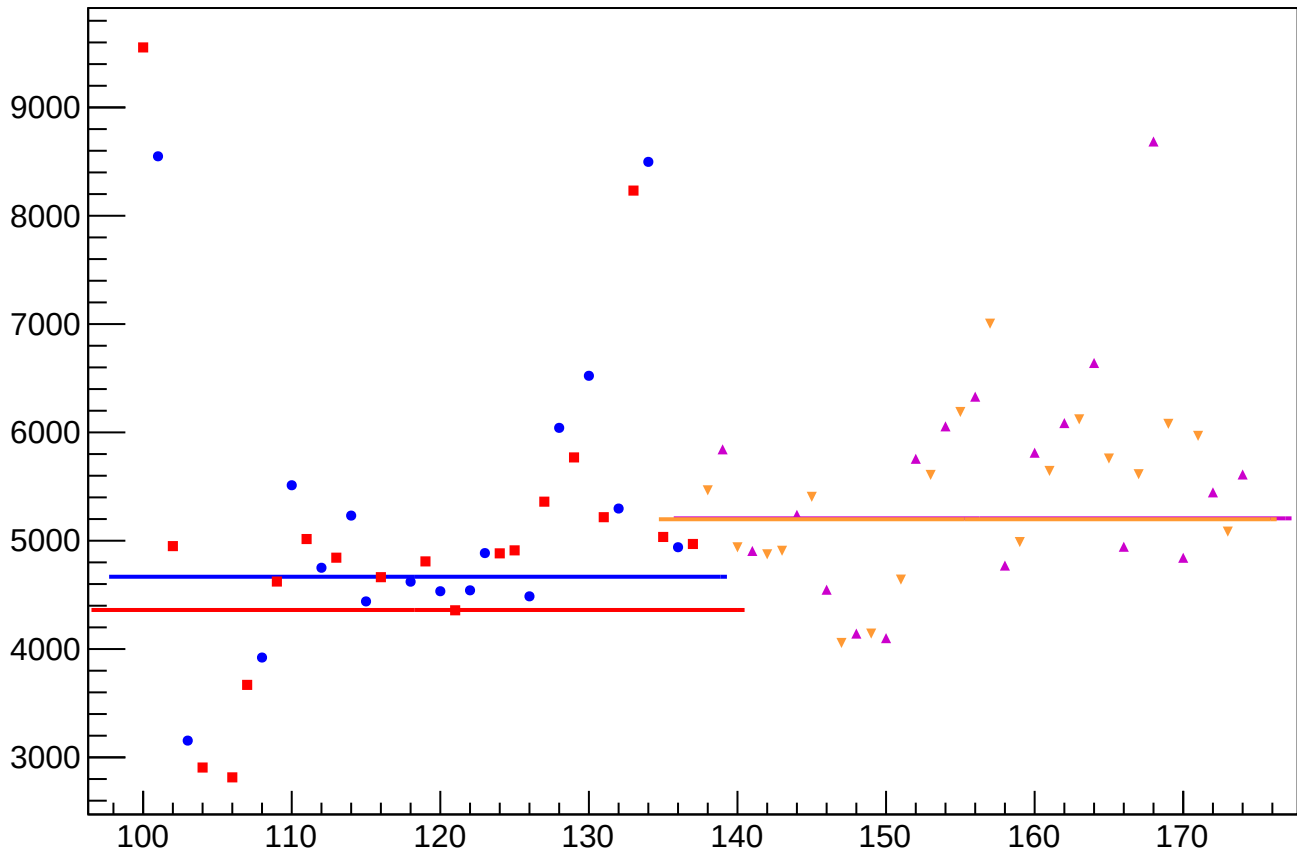
Left In: -2516.581 $\pm$ 1404.644 χ^2 /NDF:16.6/17

+ sign 1996.984 $\pm$ 1116.690 χ^2 /NDF: 34.2/35

All: -623.789 $\pm$ 779.740 χ^2 /NDF: 76.9/72

- sign -3117.383 $\pm$ 1089.258 χ^2 /NDF: 32.0/36

asym_atr_avg_rms vs Slug



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

Left Out: 5198.124+/-0.988 χ^2/NDF : 545682.1/18

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

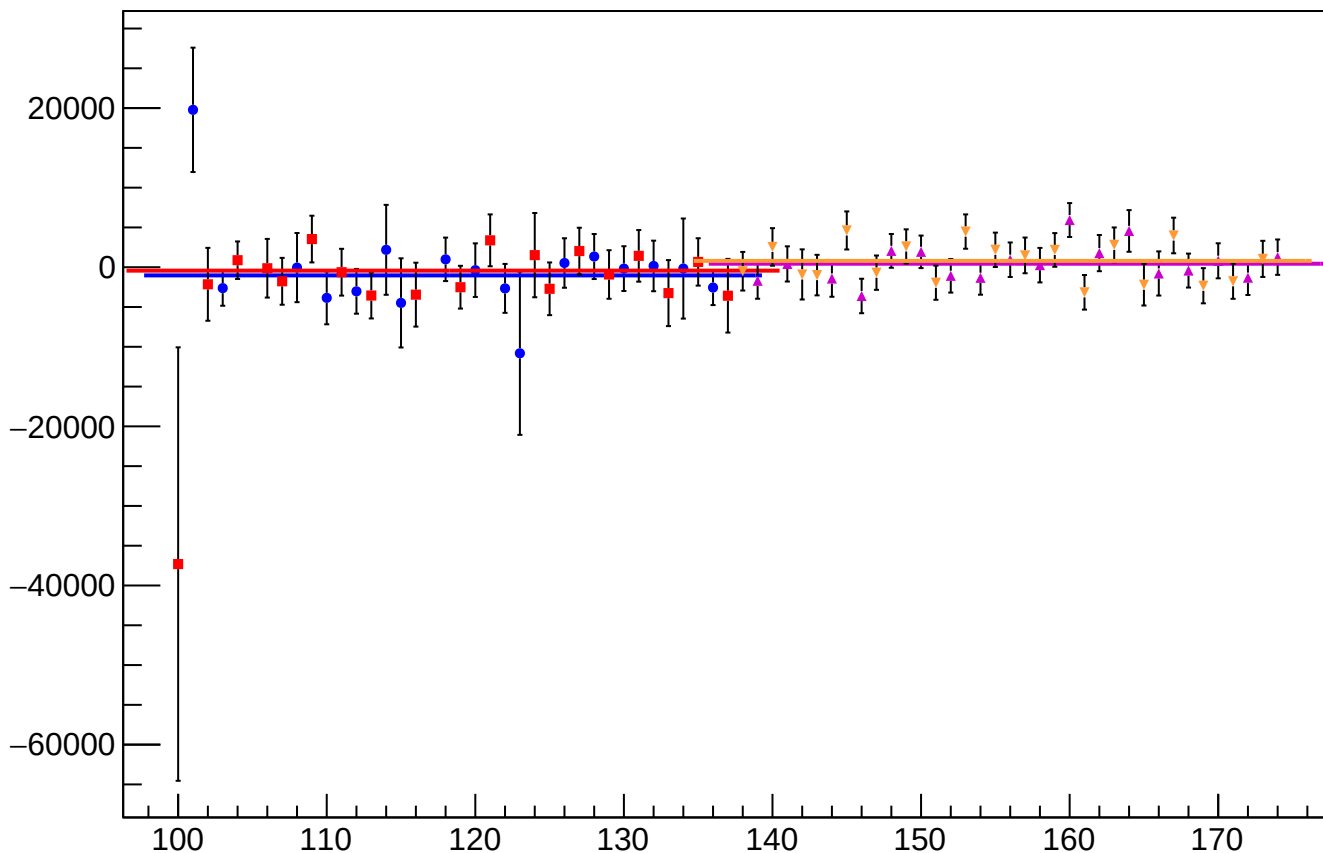
Left In: 5206.499+/-0.993 χ^2/NDF : 795908.8/17

+ sign 5006.399+/-0.790 χ^2/NDF : 1427759.9/35

All: 4934.767+/-0.551 χ^2/NDF : 3363616.7/72

- sign 4866.925+/-0.768 χ^2/NDF : 1919832.9/36

dit_asym_atr_dd_mean vs Slug



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

Left Out: 795.345 ± 523.296 χ^2/NDF : 21.7/18

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

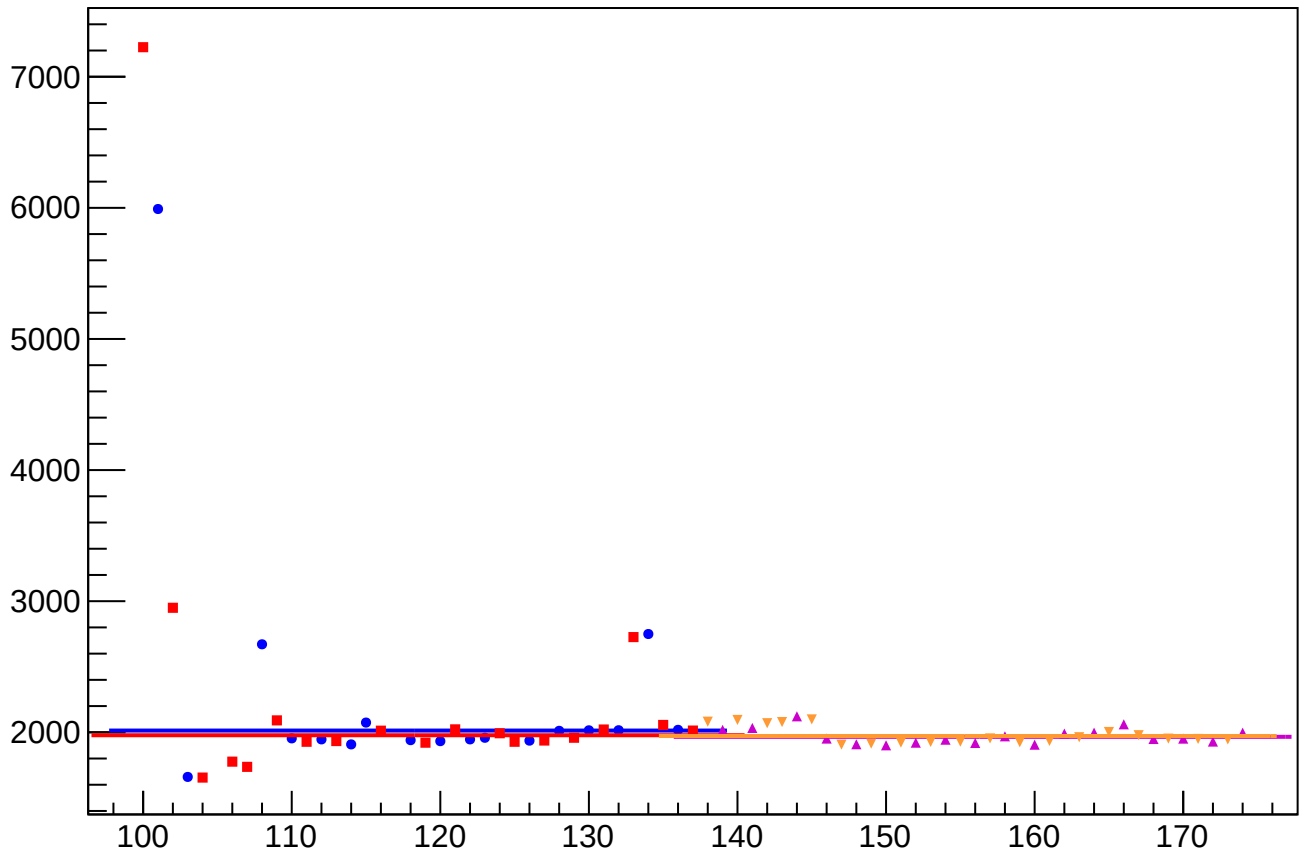
Left In: 440.977 ± 522.460 χ^2/NDF : 18.1/17

+ sign 245.984 ± 437.367 χ^2/NDF : 38.4/35

All: 203.525 ± 306.877 χ^2/NDF : 68.2/72

- sign 162.354 ± 430.688 χ^2/NDF : 29.7/36

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1971.731+/-0.370 χ^2/NDF : 29262.1/18

+ sign 1984.253+/-0.309 χ^2/NDF : 683109.6/35

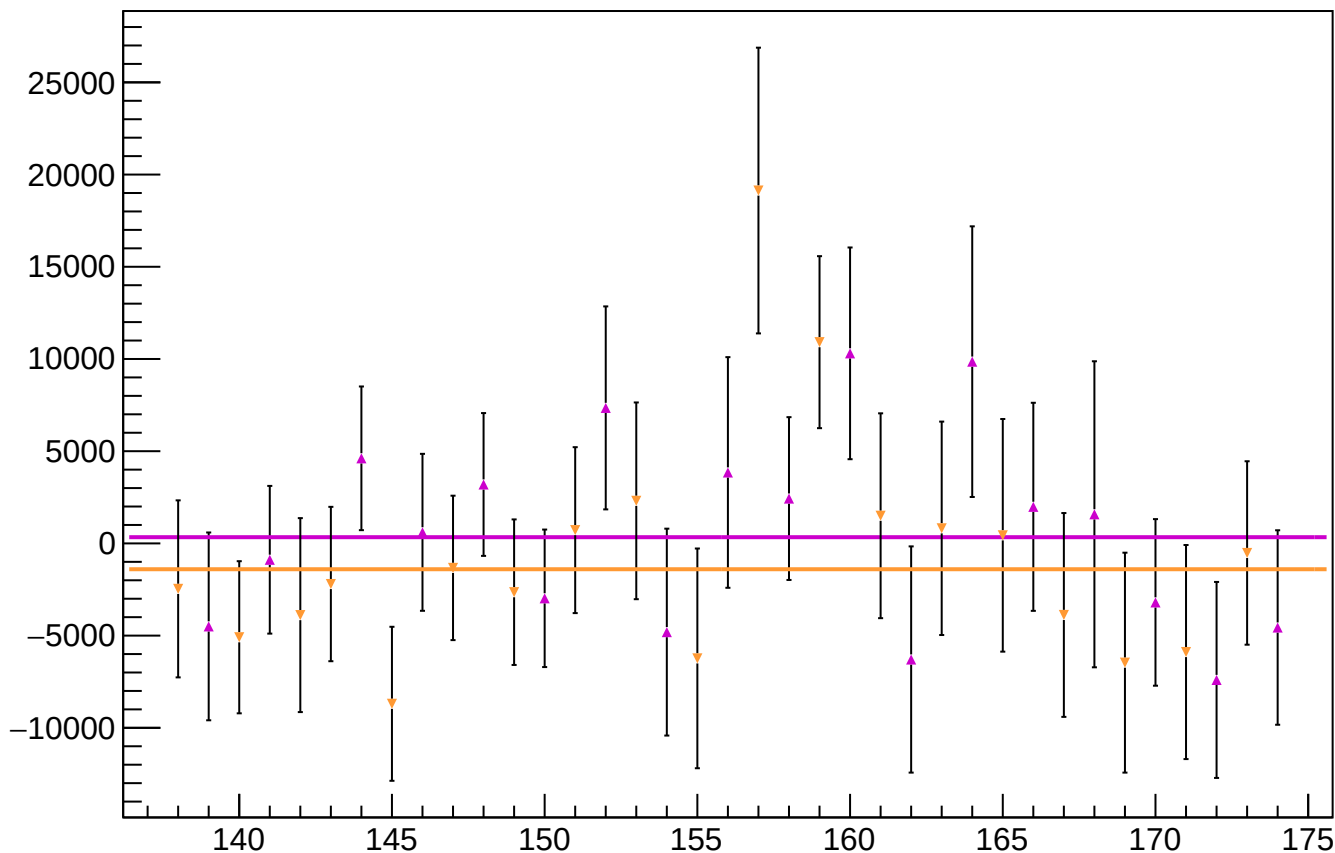
Right Out: 1977.545+/-0.537 χ^2/NDF : 294899.1/18

All: 1976.702+/-0.217 χ^2/NDF : 1002943.8/72

Left In: 1965.530+/-0.369 χ^2/NDF : 23421.9/17

- sign 1969.386+/-0.304 χ^2/NDF : 318660.5/36

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1400.656+/-1135.161 χ^2/NDF : 21.7/18

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

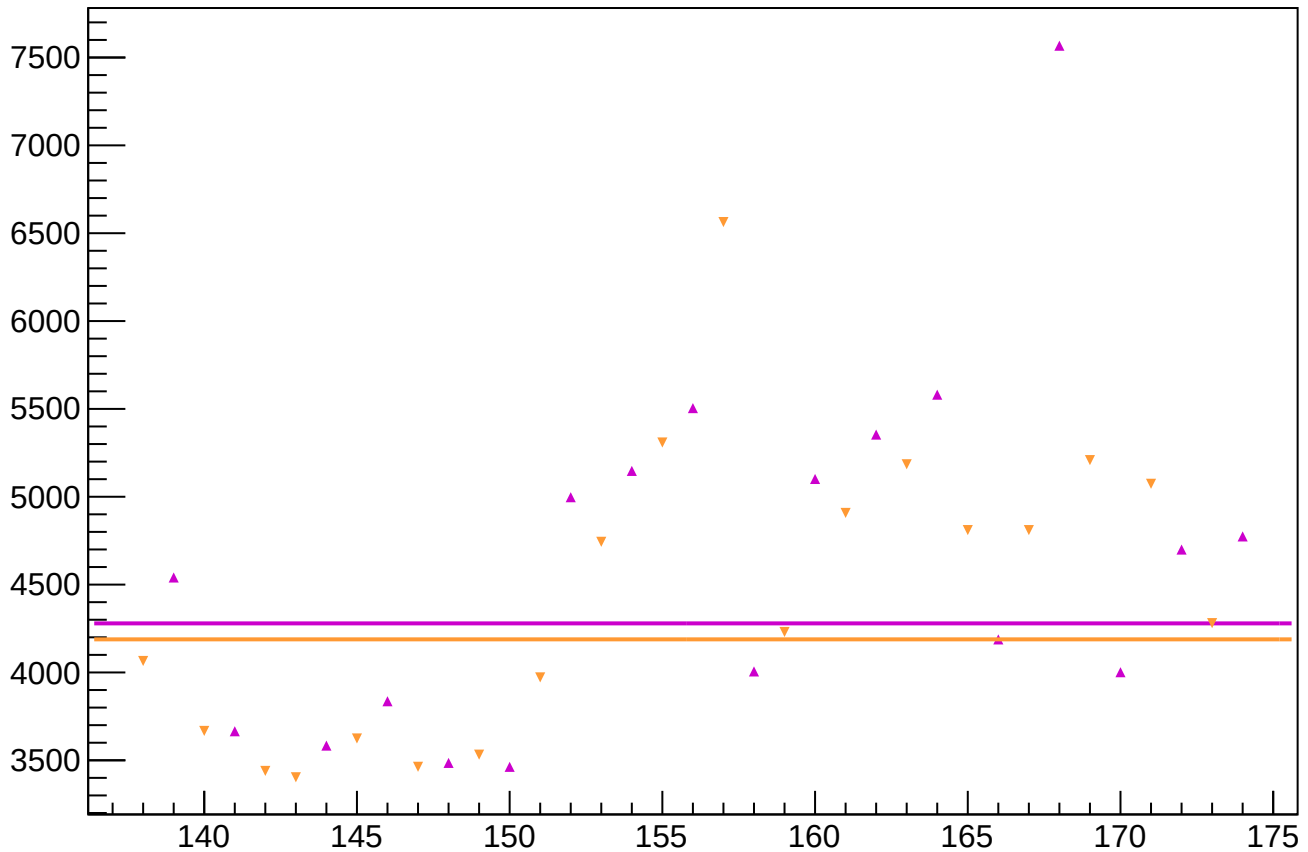
Left In: 337.036+/-1159.145 χ^2/NDF : 16.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -549.973+/-811.027 χ^2/NDF : 38.9/36

- 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: 4188.375+/-0.803 χ^2/NDF :833254.9/18

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

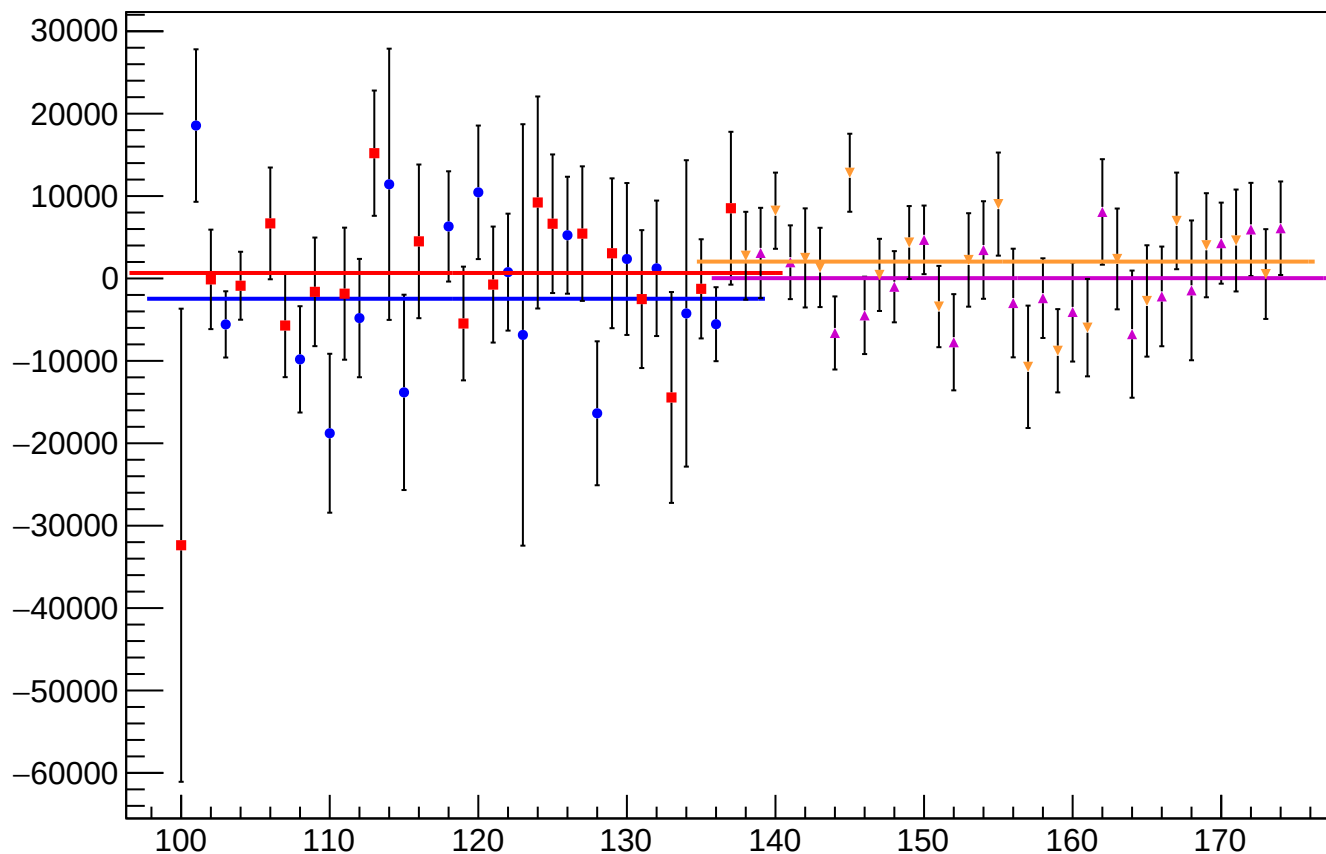
Left In: 4279.291+/-0.820 χ^2/NDF :1001774.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4232.883+/-0.573 χ^2/NDF : 1841309.5/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



Right In: -2462.254 $\pm$ 1797.293 χ^2 /NDF: 20.8/16

Left Out: 2047.511 $\pm$ 1243.265 χ^2 /NDF: 20.8/18

Right Out: 666.170 $\pm$ 1689.812 χ^2 /NDF: 11.9/18

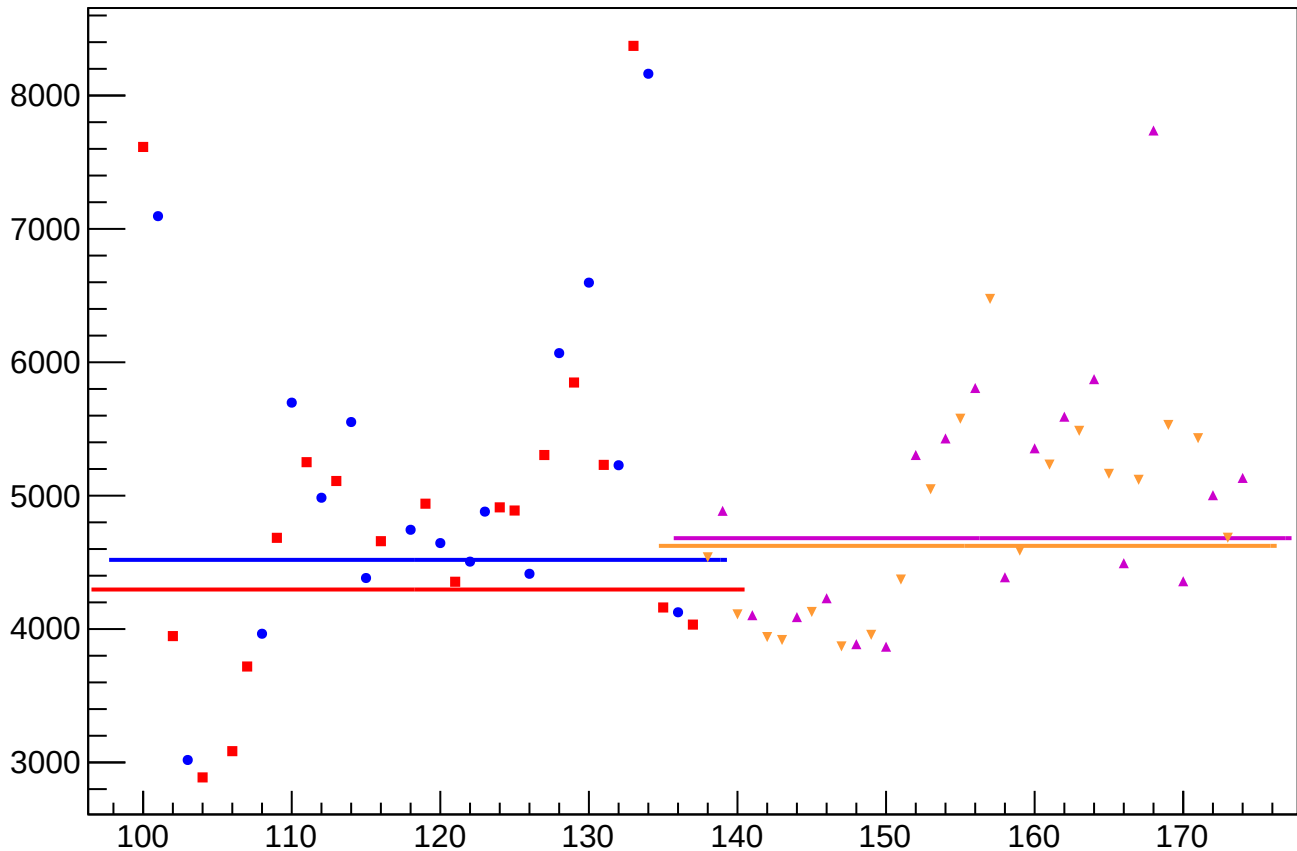
Left In: 38.067 $\pm$ 1261.795 χ^2 /NDF: 13.5/17

+ sign 587.958 $\pm$ 1022.473 χ^2 /NDF: 45.9/35

All: 423.606 $\pm$ 718.918 χ^2 /NDF: 71.5/72

- sign 262.912 $\pm$ 1011.032 χ^2 /NDF: 25.5/36

asym_atr_dd_rms vs Slug



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

Left Out: 4623.666+/-0.879 χ^2 /NDF: 571522.8/18

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

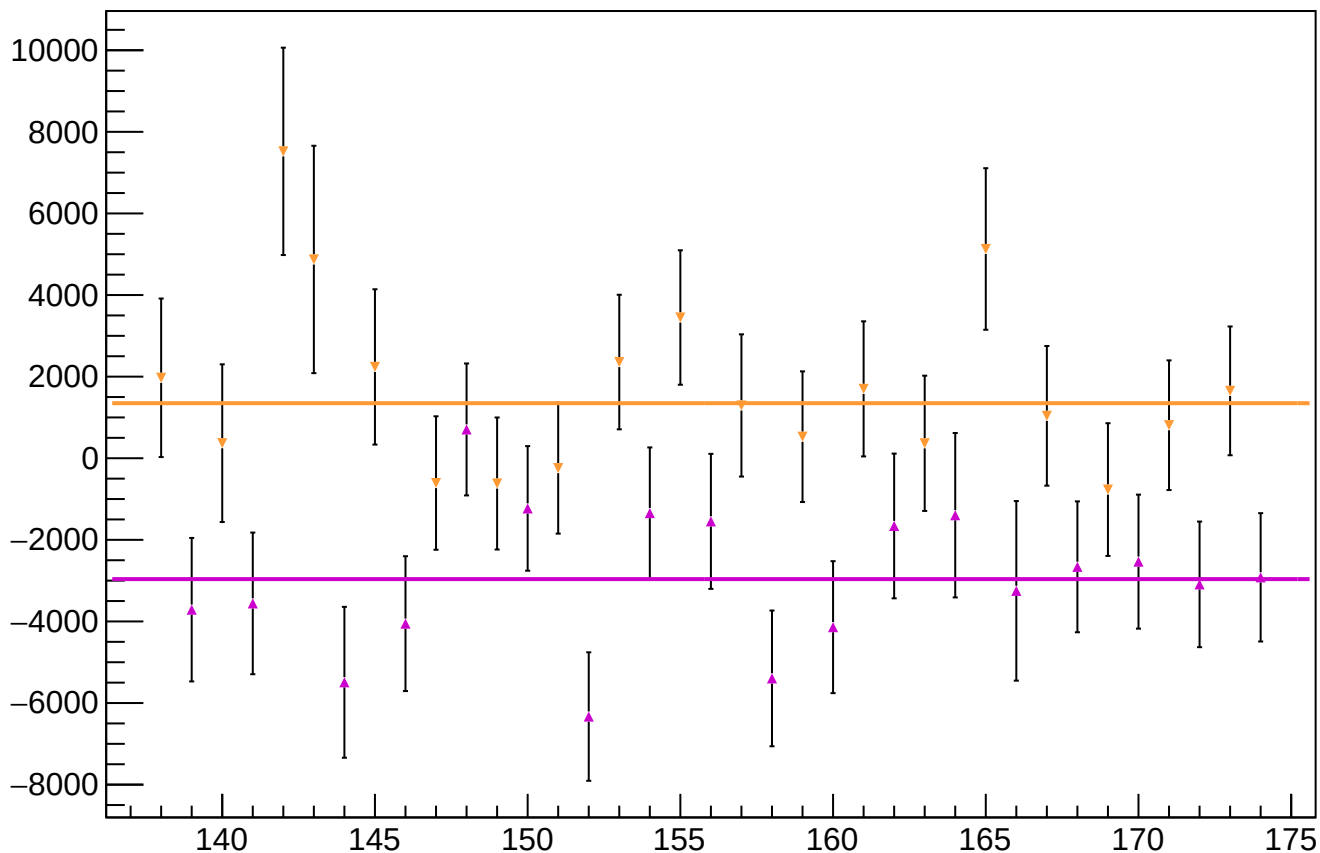
Left In: 4681.338+/-0.892 χ^2 /NDF: 757212.1/17

+ sign 4589.689+/-0.723 χ^2 /NDF: 1346365.0/35

All: 4565.806+/-0.508 χ^2 /NDF: 2944549.9/72

- sign 4542.547+/-0.713 χ^2 /NDF: 1596031.0/36

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1348.960+/-401.889 χ^2/NDF : 20.2/18

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

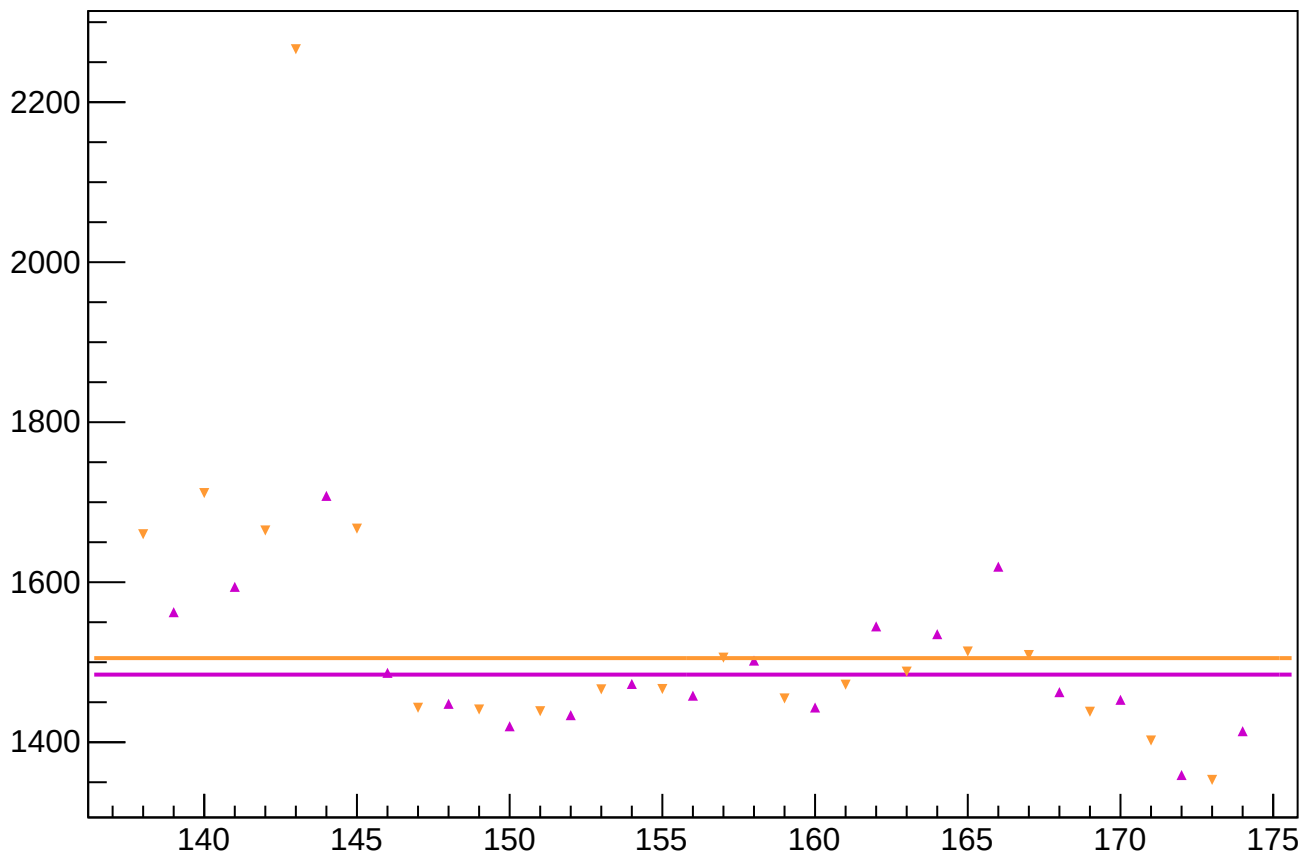
Left In: -2962.515+/-395.910 χ^2/NDF : 19.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -839.088+/-282.040 χ^2/NDF : 97.9/36

- 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: 1505.139+/-0.284 χ^2/NDF :252102.4/18

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

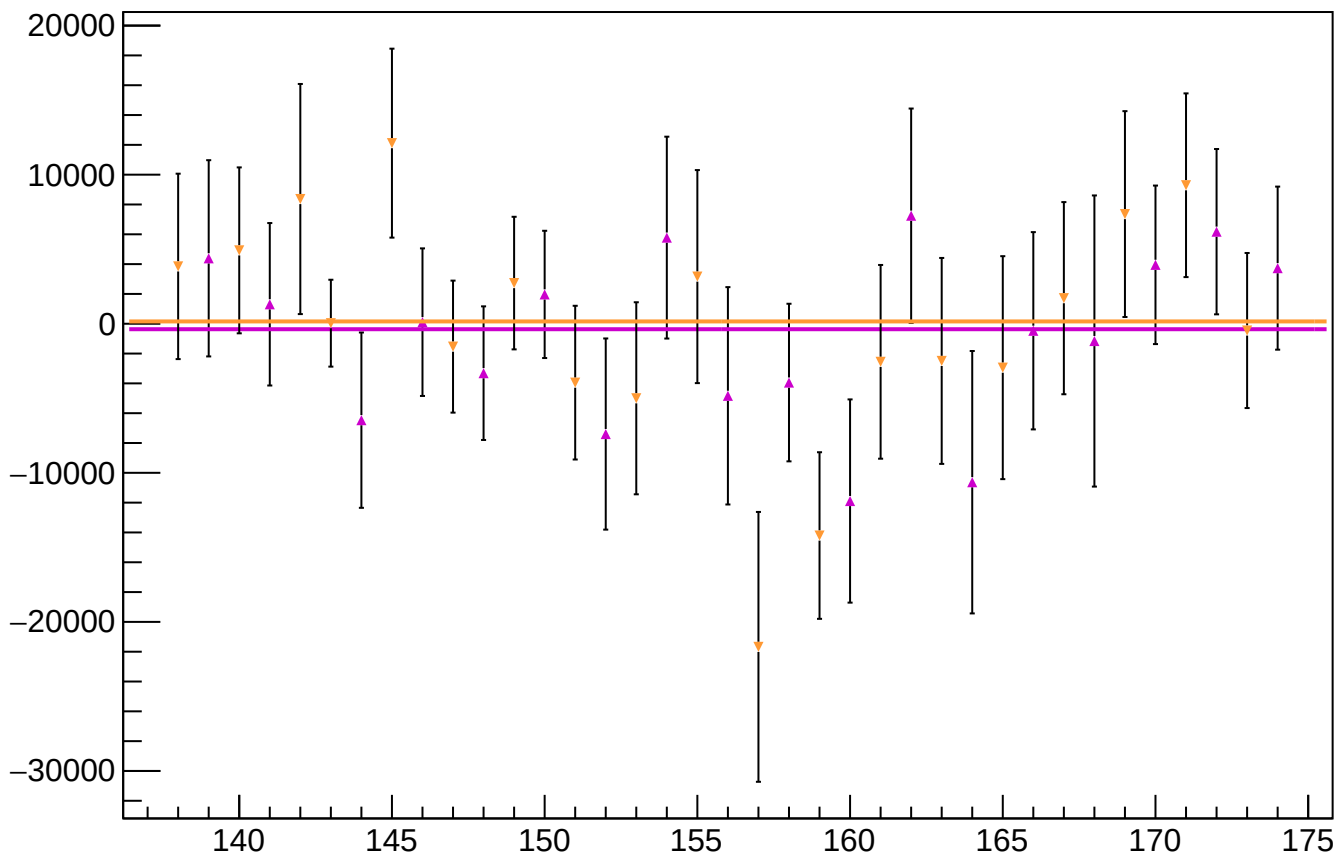
Left In: 1484.528+/-0.280 χ^2/NDF :79436.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.679+/-0.199 χ^2/NDF : 334208.6/36

- 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: 155.570+/-1274.563 χ^2/NDF :24.0/18

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

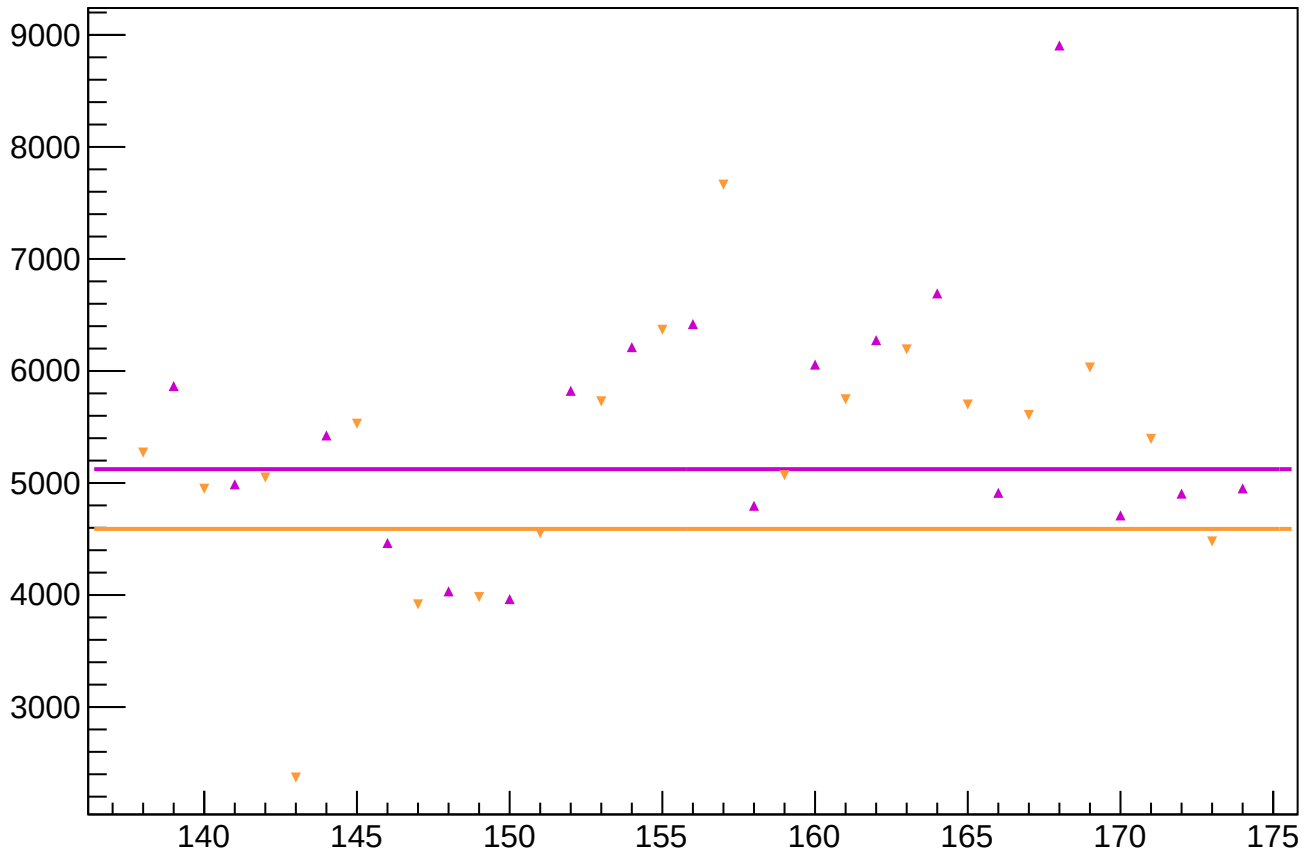
Left In: -366.885+/-1386.275 χ^2/NDF :13.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.762+/-938.264 χ^2/NDF : 37.3/36

- 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: 4590.057+/-0.901 χ^2/NDF :2146040.9/18

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

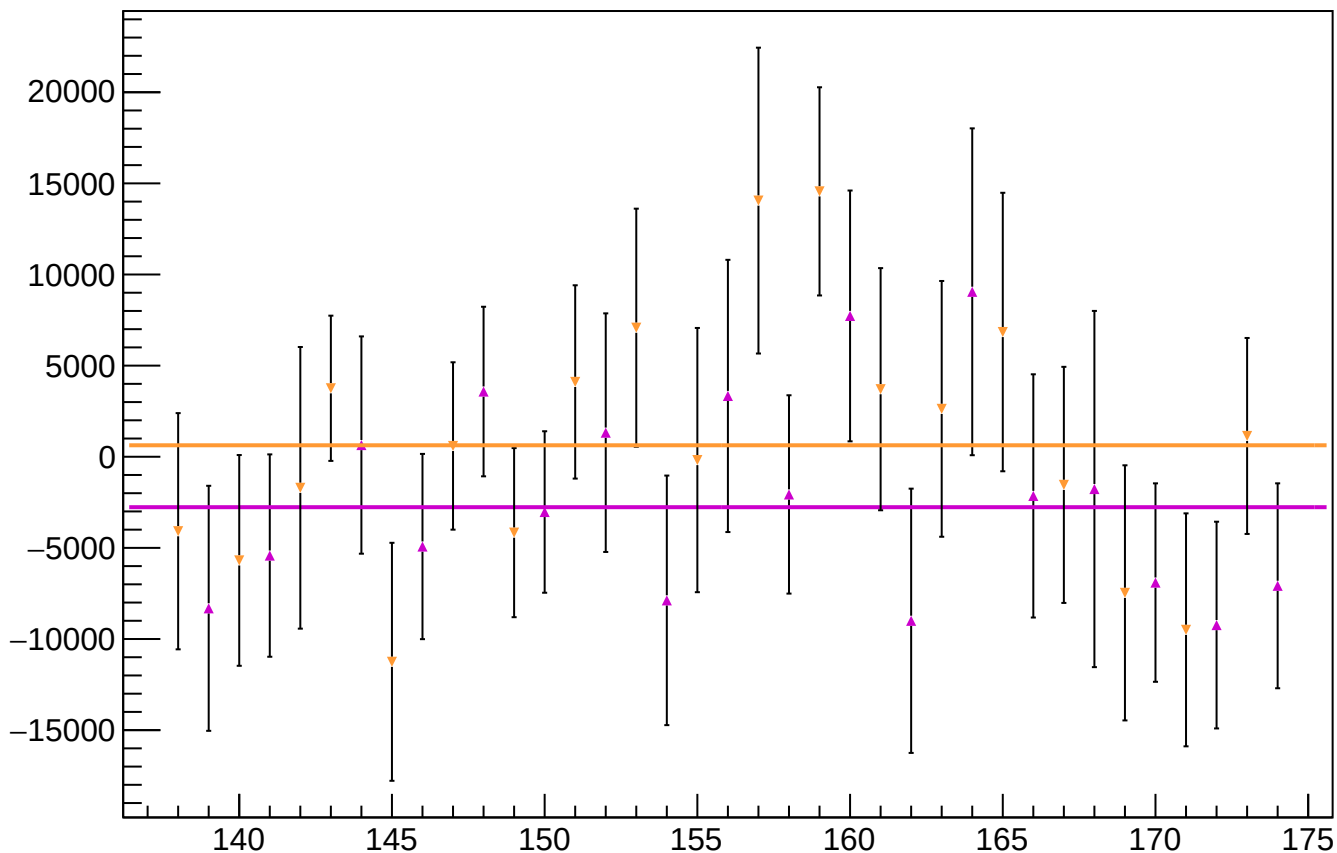
Left In: 5123.603+/-0.980 χ^2/NDF :951353.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4834.469+/-0.663 χ^2/NDF : 3257941.6/30

- 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: 629.497+/-1364.487 χ^2/NDF :21.7/18

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

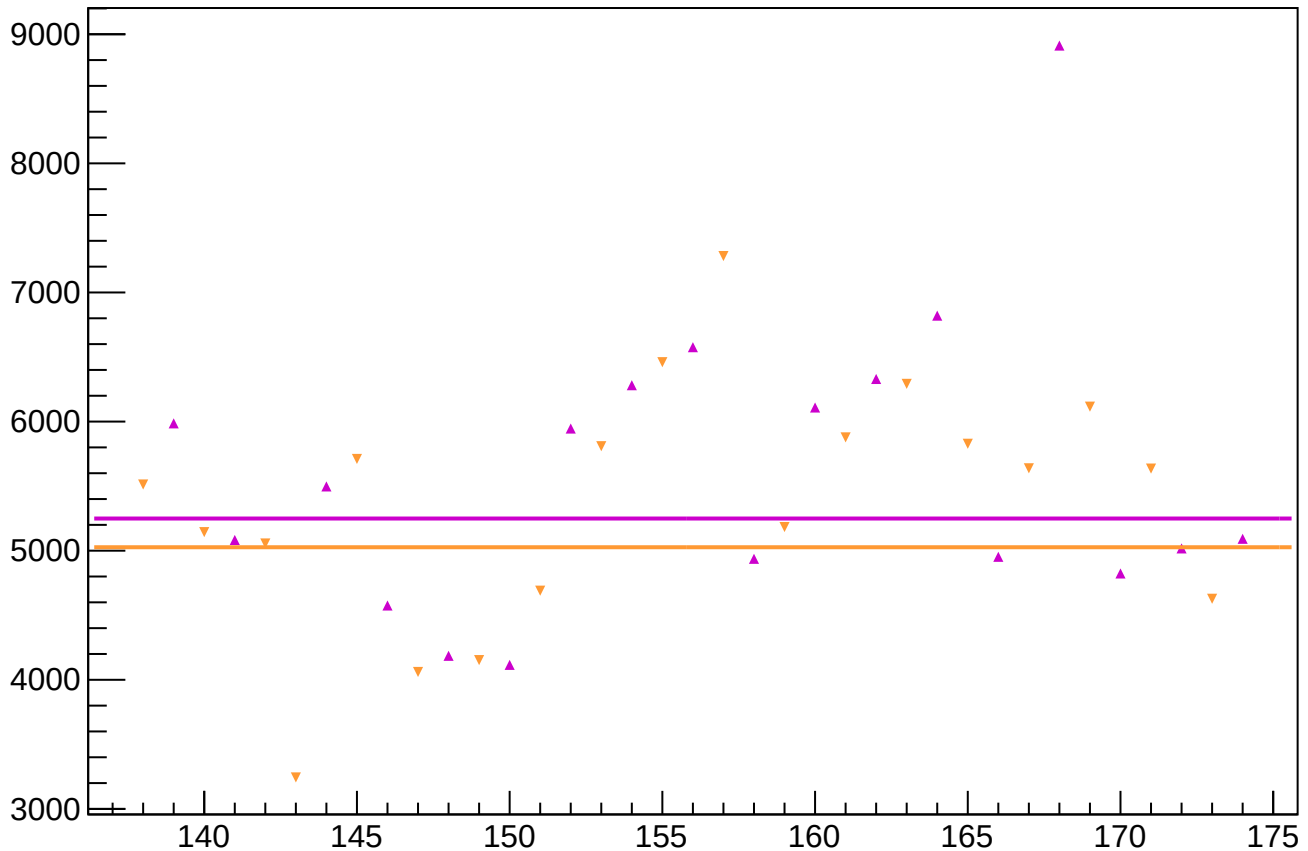
Left In: -2767.400+/-1418.572 χ^2/NDF :12.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1002.962+/-983.402 χ^2/NDF : 36.8/36

- 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: 5026.643+/-0.965 χ^2/NDF : 1070240.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

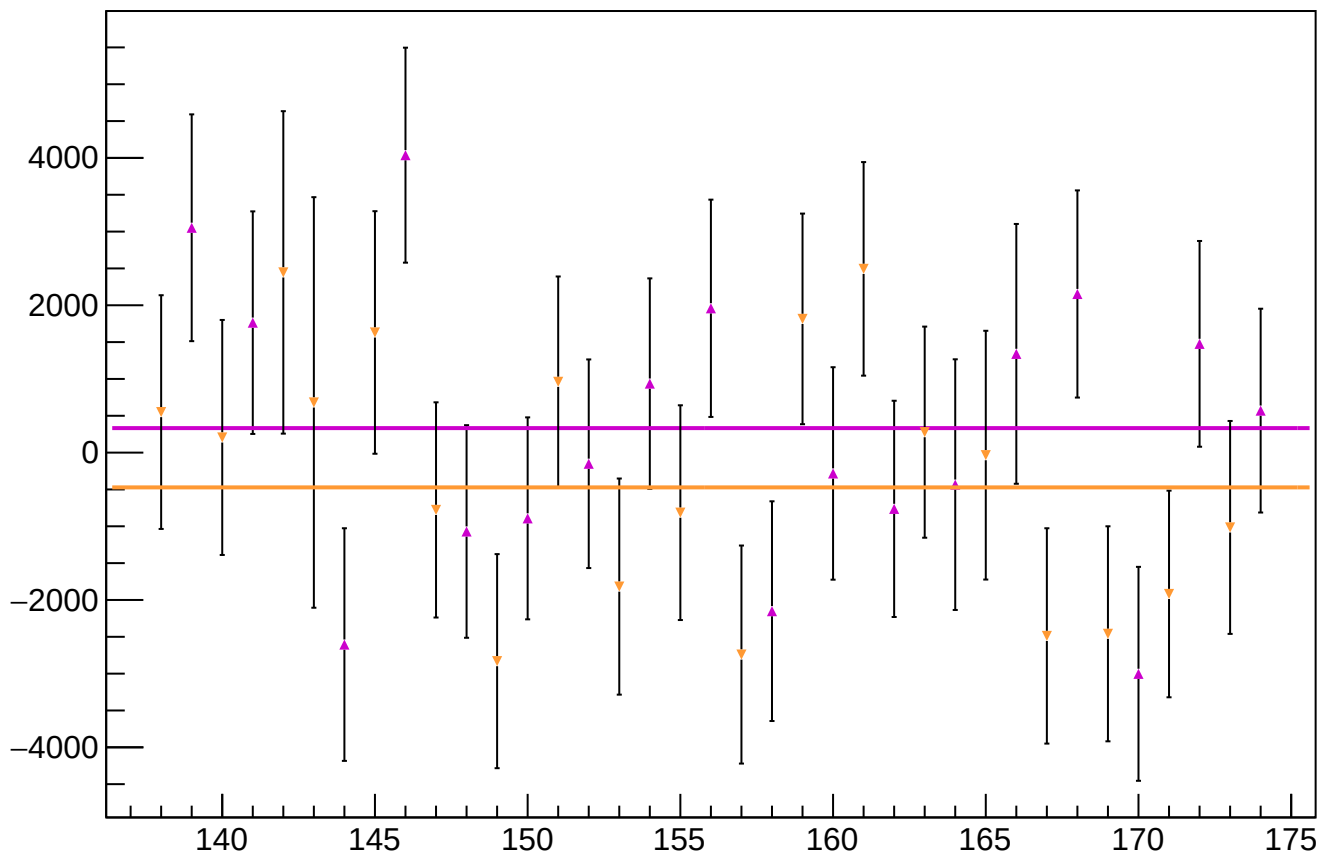
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5133.557+/-0.695 χ^2/NDF : 1972645.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5249.115+/-1.003 χ^2/NDF : 876854.4/17

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -472.039+/-352.459 χ^2/NDF : 23.2/18

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

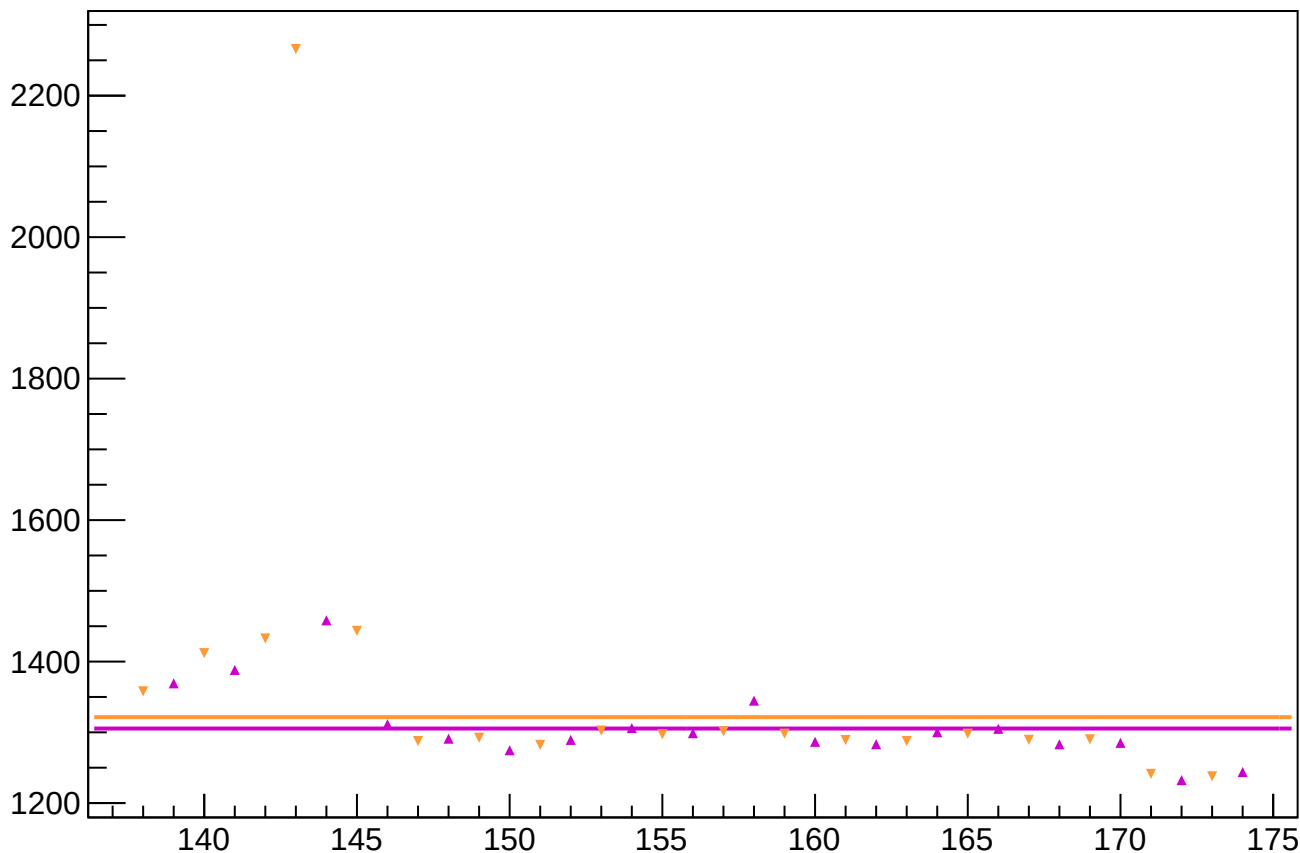
Left In: 332.620+/-347.710 χ^2/NDF : 28.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.251+/-247.530 χ^2/NDF : 54.7/36

- 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: 1321.430+/-0.249 χ^2/NDF : 276203.7/18

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

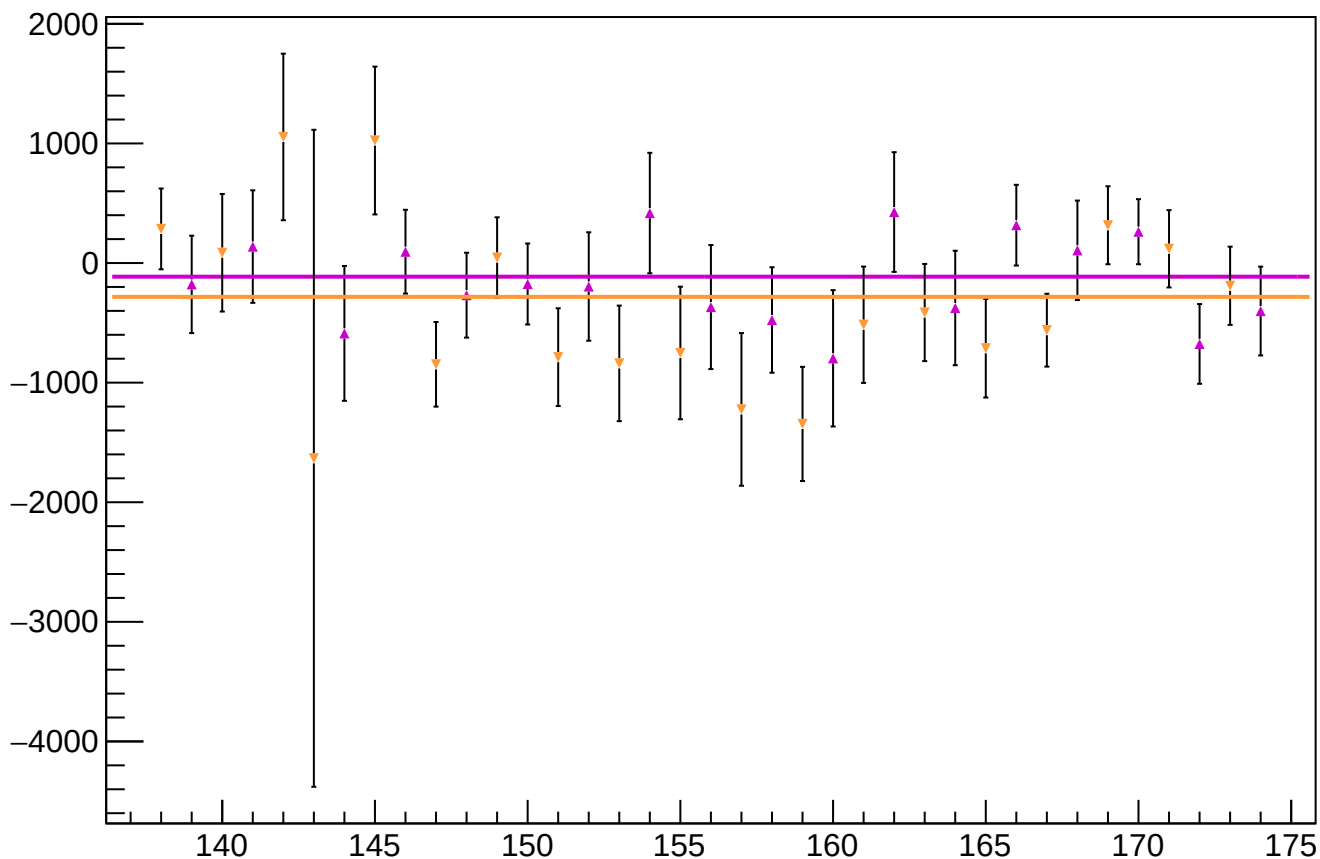
Left In: 1305.354+/-0.246 χ^2/NDF : 42283.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.283+/-0.175 χ^2/NDF : 320595.7/36

- 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: -282.704+/-95.280 χ^2/NDF :33.2/18

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

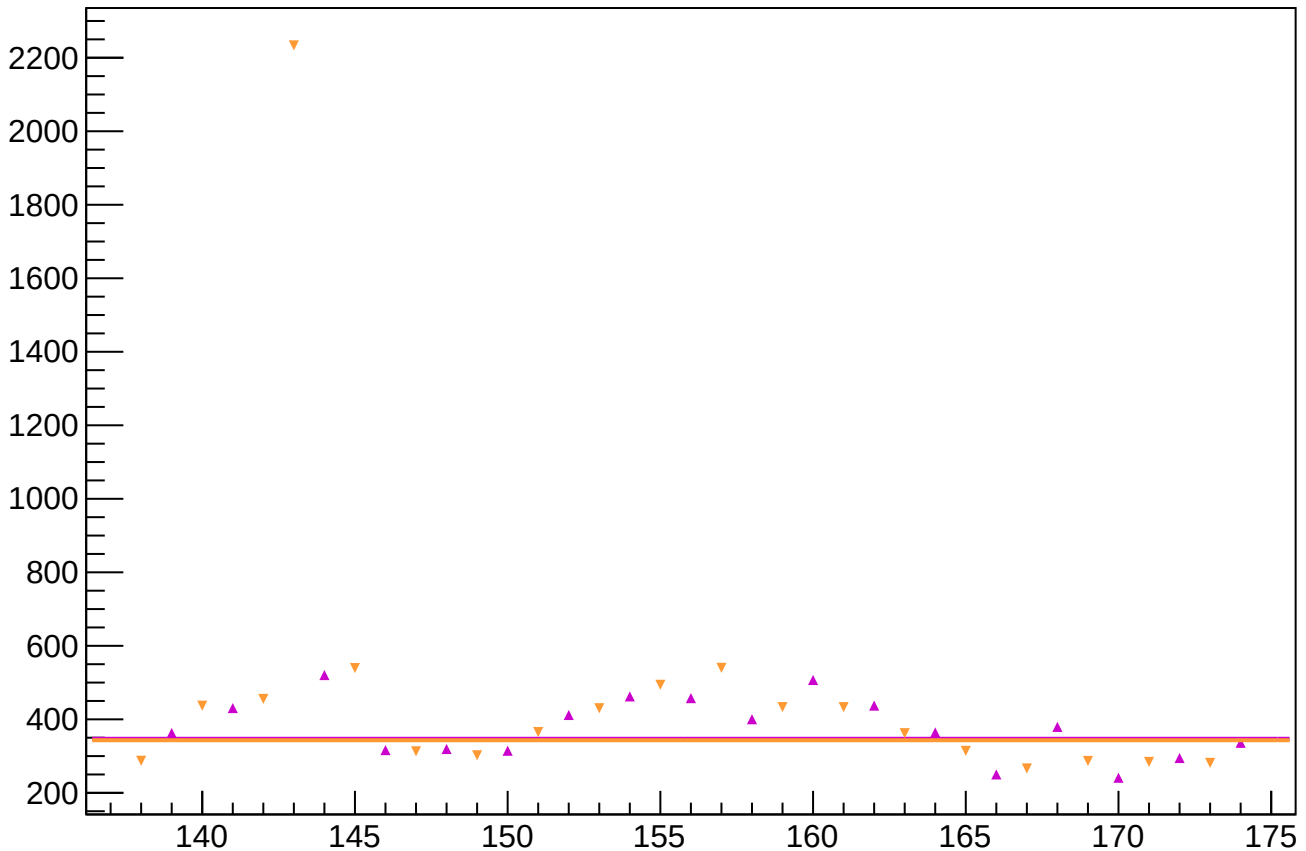
Left In: -114.132+/-94.521 χ^2/NDF :13.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -197.744+/-67.103 χ^2/NDF : 48.6/36

- 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: 343.143+/-0.067 χ^2/NDF :2261394.9/18

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

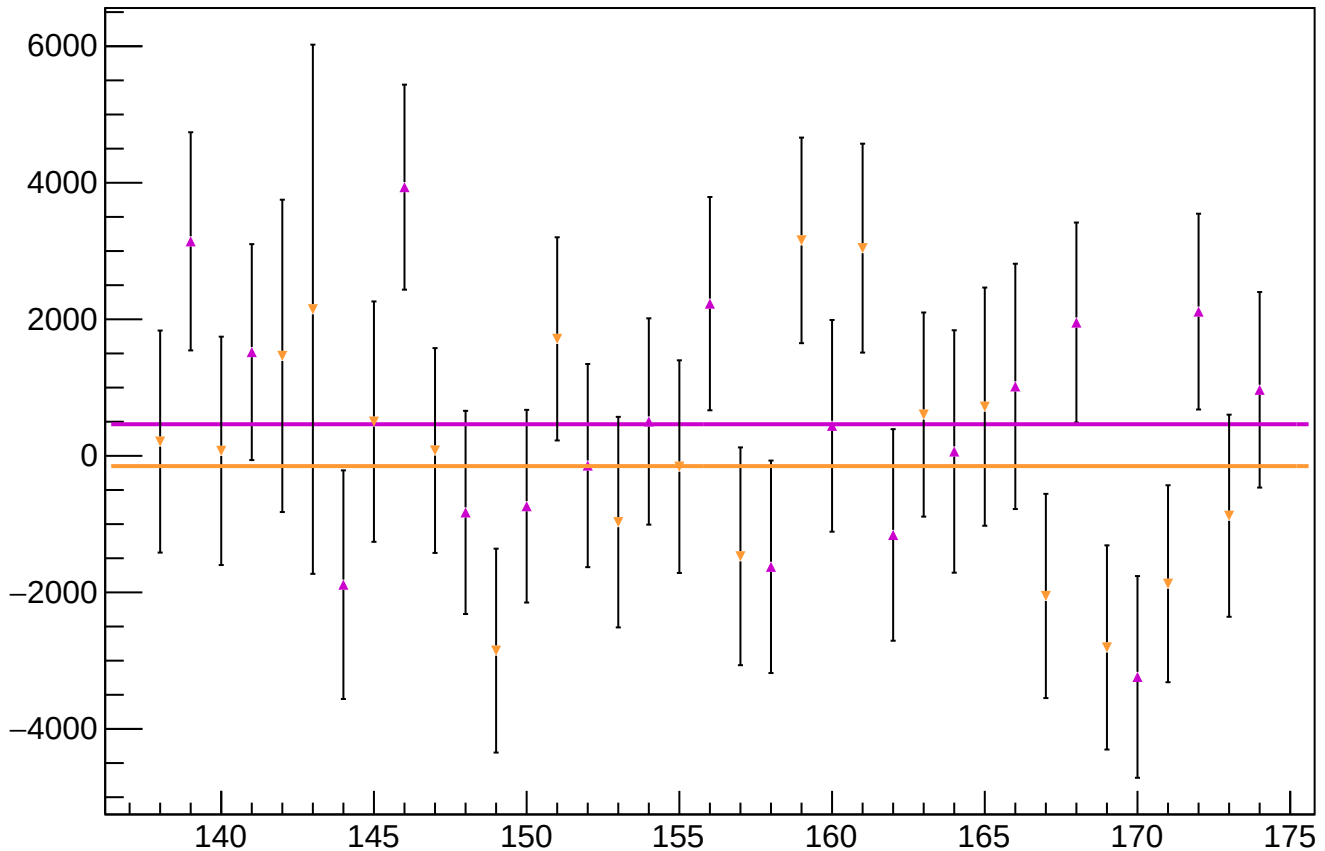
Left In: 347.097+/-0.067 χ^2/NDF :1323592.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.136+/-0.047 χ^2/NDF : 3586722.5/36

- 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: -150.269+/-368.572 χ^2/NDF : 23.0/18

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

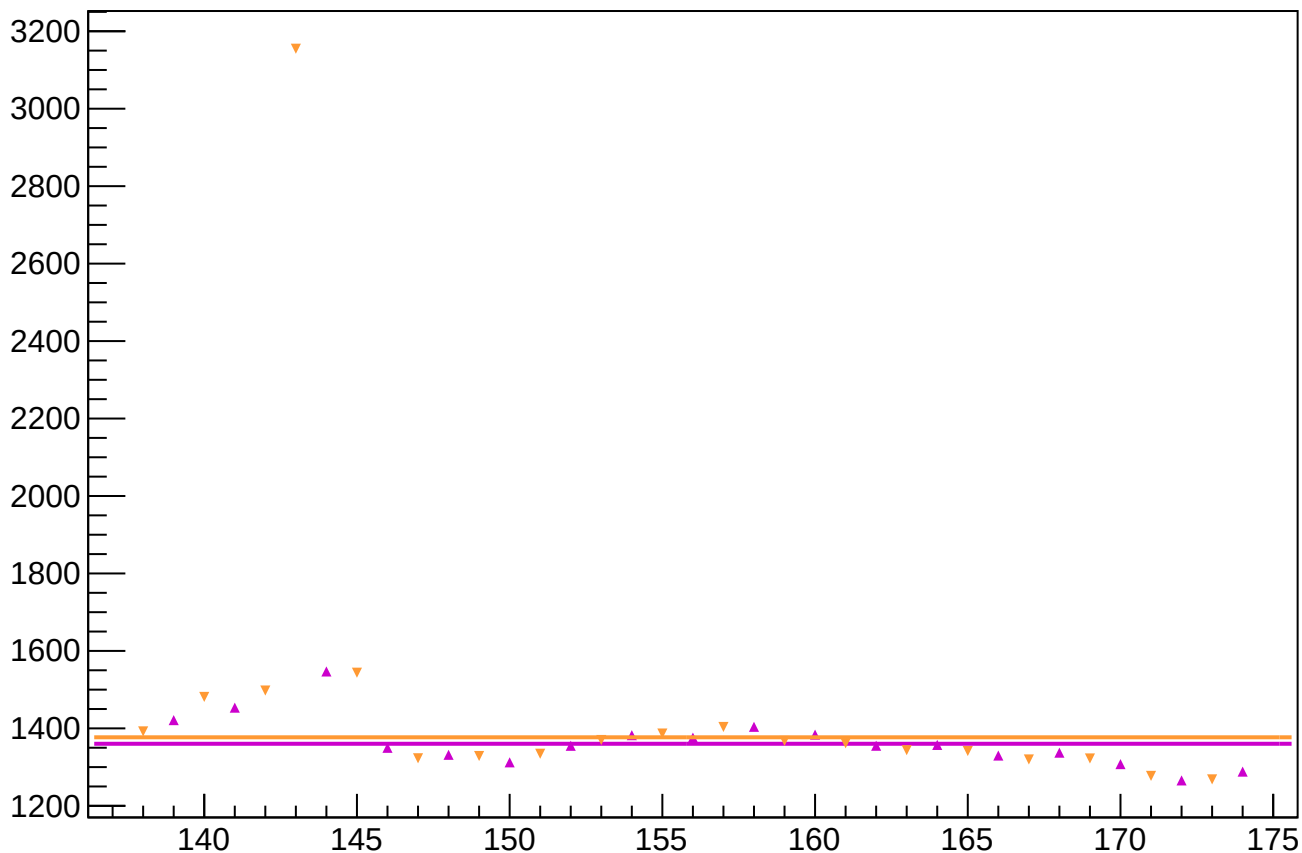
Left In: 463.079+/-362.380 χ^2/NDF : 25.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.600+/-258.402 χ^2/NDF : 49.7/36

- 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: 1376.967+/-0.261 χ^2/NDF :487360.2/18

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

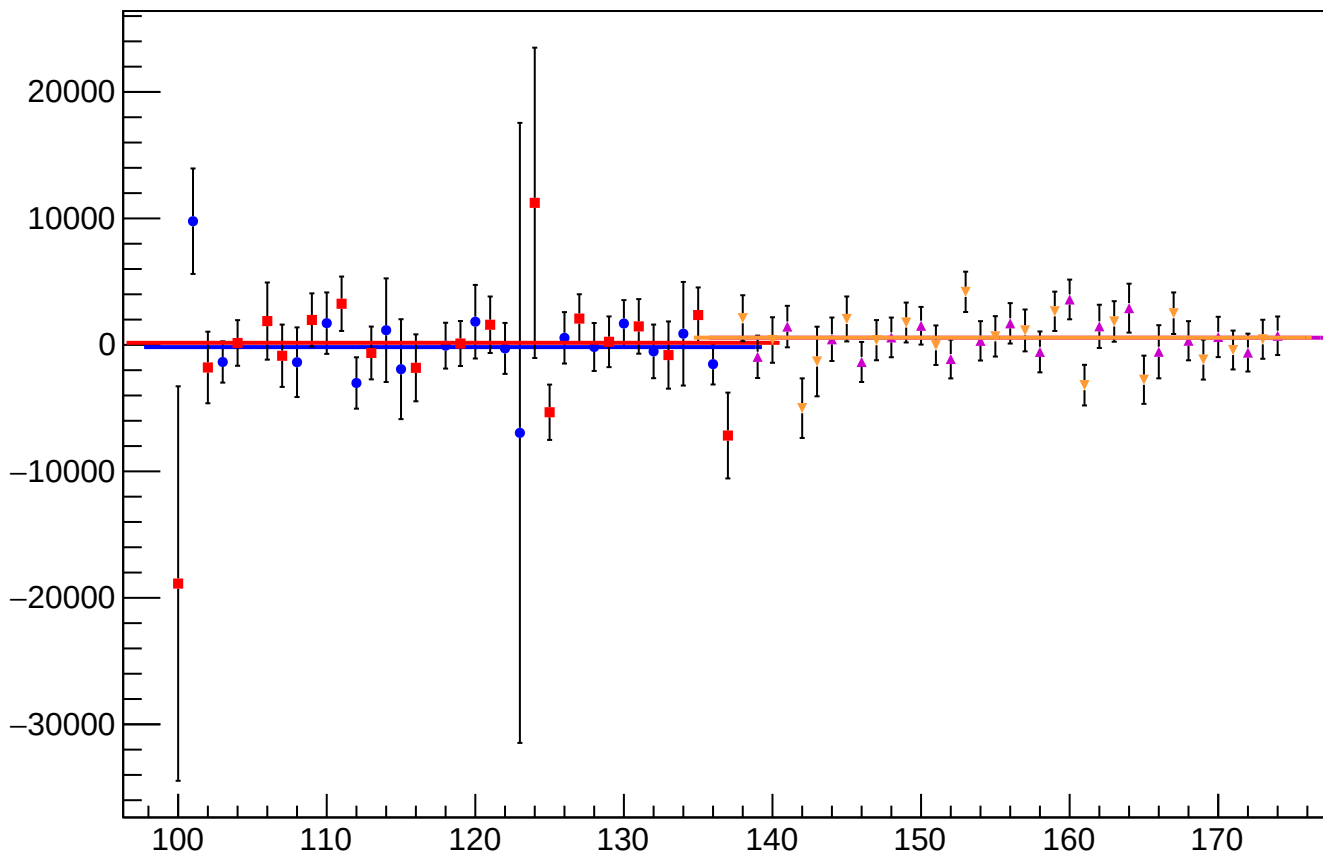
Left In: 1360.240+/-0.256 χ^2/NDF :57949.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.462+/-0.183 χ^2/NDF : 547404.0/36

- 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: 572.493 ± 386.993 χ^2/NDF : 27.4/18

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

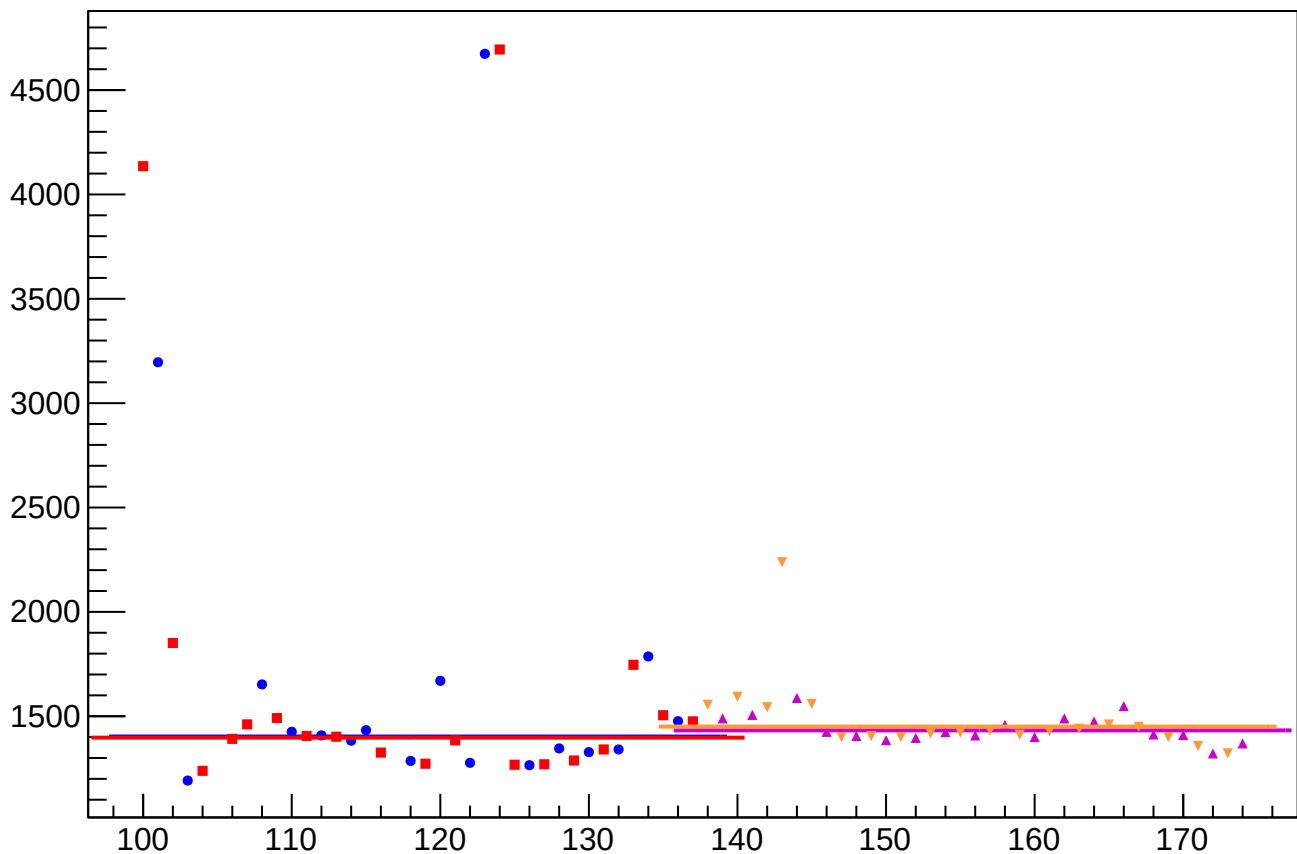
Left In: 566.886 ± 381.665 χ^2/NDF : 11.6/17

+ sign 327.804 ± 317.377 χ^2/NDF : 40.4/35

All: 381.361 ± 222.383 χ^2/NDF : 73.1/72

- sign 433.017 ± 311.695 χ^2/NDF : 32.6/36

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1402.709 $\pm$ 0.392 χ^2 /NDF: 526326.4/16

Left Out: 1450.483 $\pm$ 0.274 χ^2 /NDF: 225971.9/18

Right Out: 1397.442 $\pm$ 0.382 χ^2 /NDF: 353365.4/18

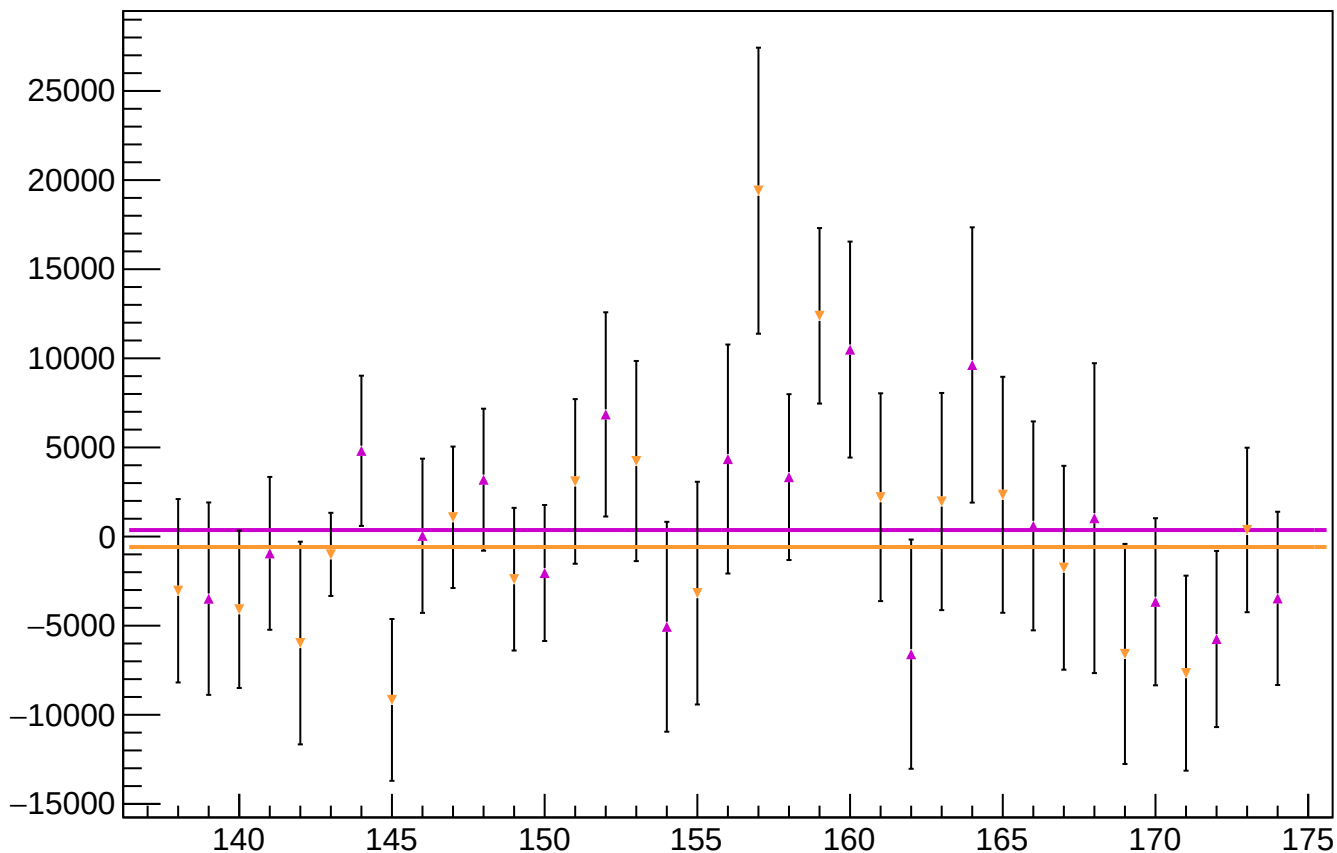
Left In: 1432.165 $\pm$ 0.270 χ^2 /NDF: 52692.6/17

+ sign 1434.841 $\pm$ 0.224 χ^2 /NDF: 762278.0/35

All: 1427.586 $\pm$ 0.157 χ^2 /NDF: 1175906.0/72

- sign 1420.592 $\pm$ 0.220 χ^2 /NDF: 411575.5/36

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -586.292+/-1081.038 χ^2/NDF :23.7/18

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

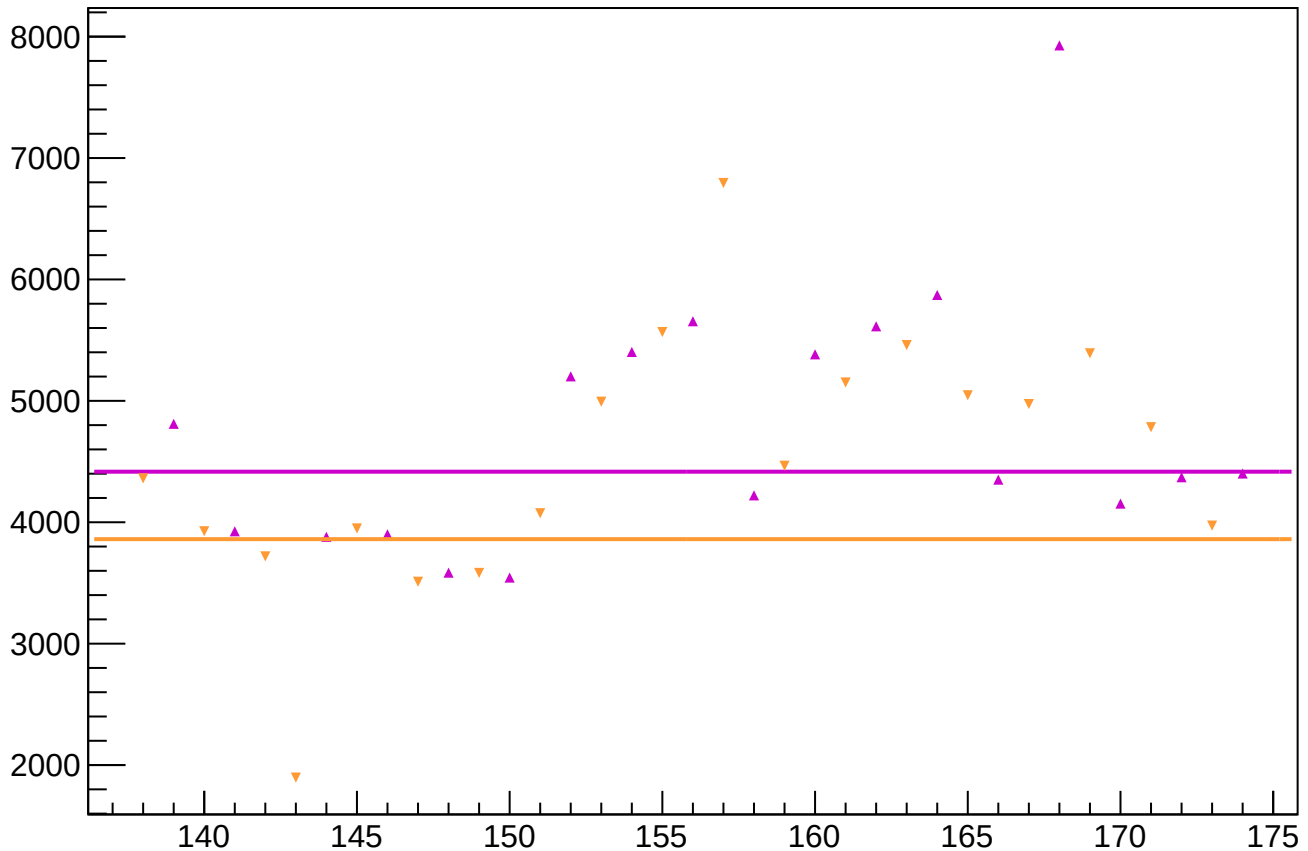
Left In: 365.283+/-1195.885 χ^2/NDF :13.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.380+/-801.946 χ^2/NDF : 37.9/36

- 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: 3860.806+/-0.764 χ^2/NDF :2553728.4/18

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

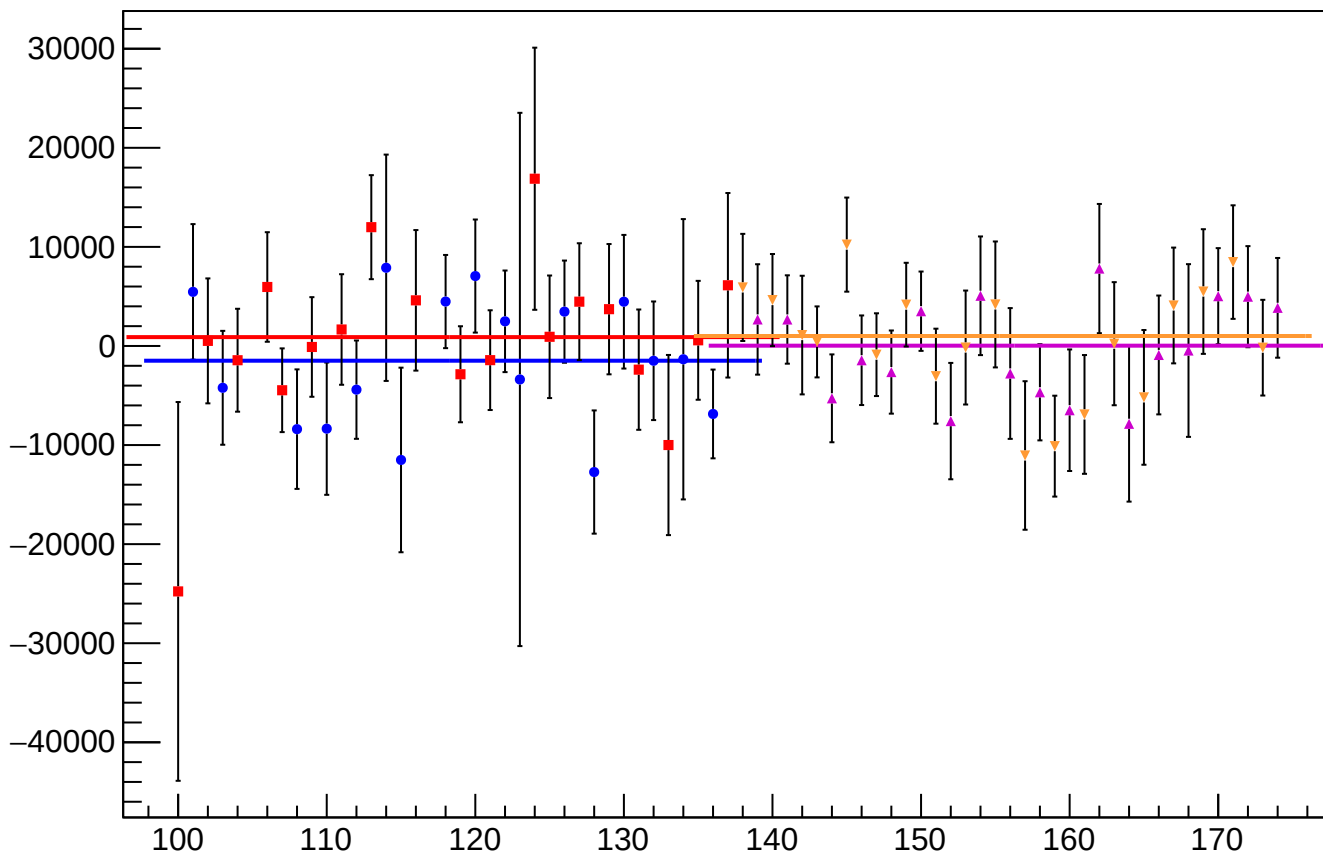
Left In: 4416.462+/-0.846 χ^2/NDF :985410.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4110.678+/-0.567 χ^2/NDF : 3776753.6/30

- 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: 1006.056 ± 1193.346 χ^2/NDF : 19.5/18

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

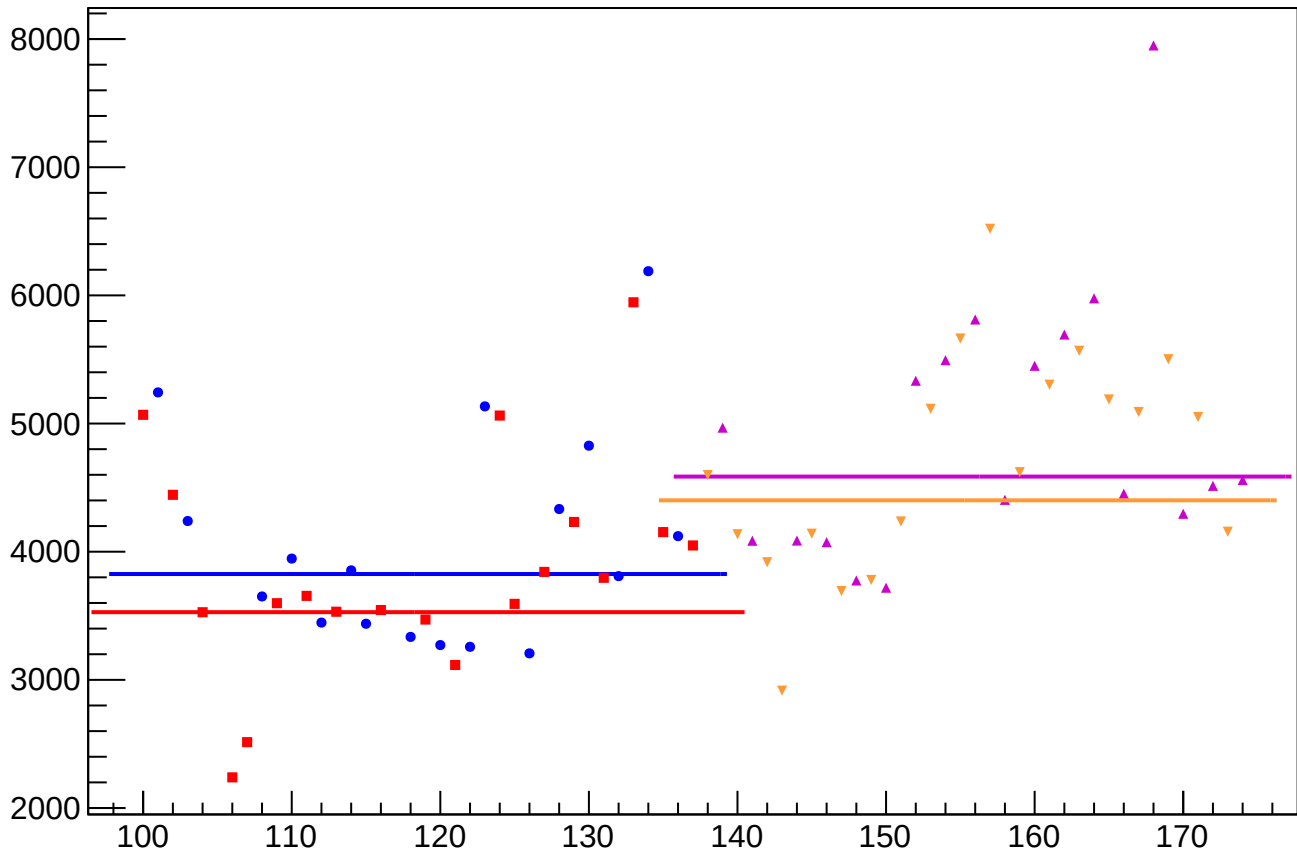
Left In: 30.333 ± 1238.960 χ^2/NDF : 12.9/17

+ sign 39.033 ± 933.650 χ^2/NDF : 37.9/35

All: 230.066 ± 655.887 χ^2/NDF : 65.2/72

- sign 416.198 ± 921.595 χ^2/NDF : 27.3/36

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4400.843+/-0.844 χ^2/NDF : 1010921.3/18

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

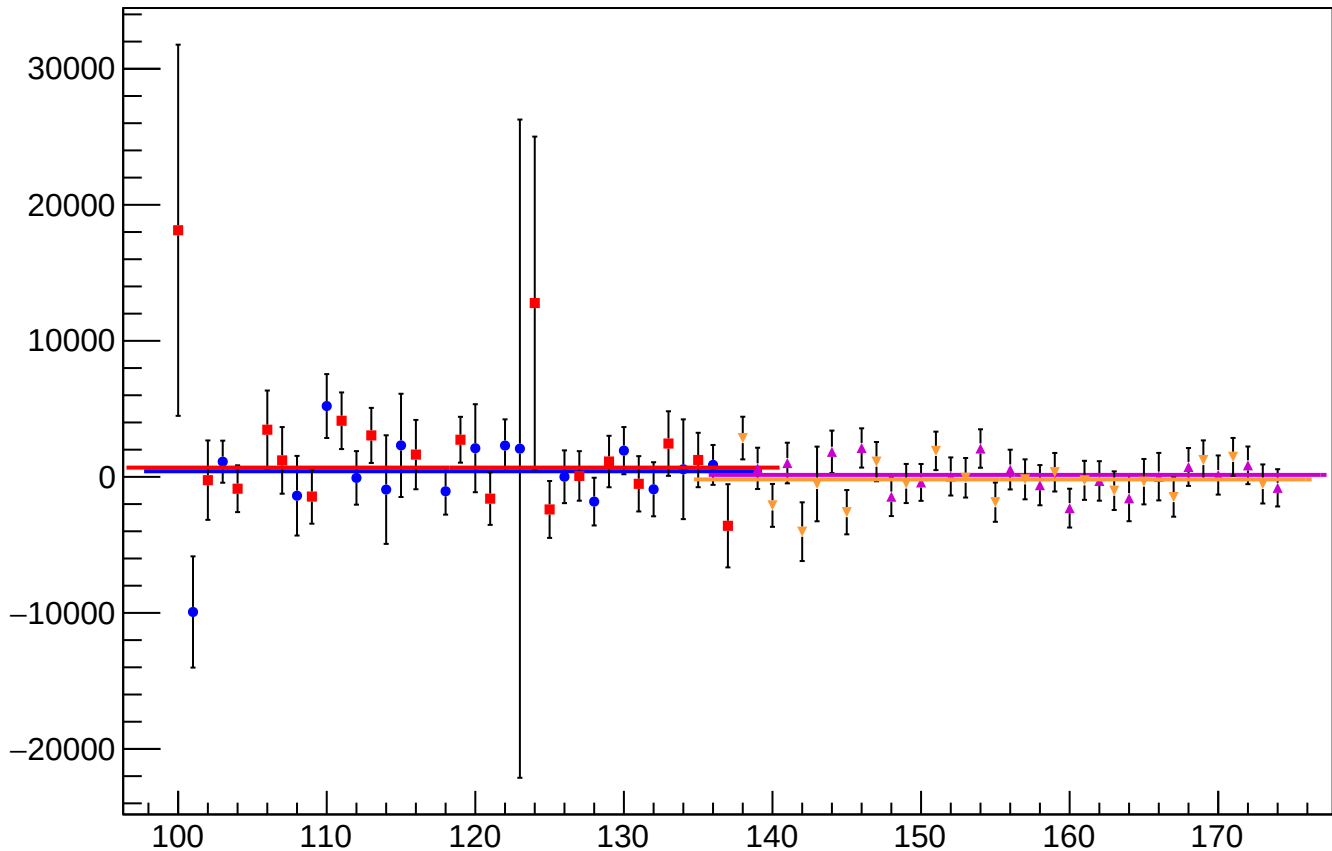
Left In: 4586.138+/-0.876 χ^2/NDF : 870984.9/17

+ sign 4177.805+/-0.660 χ^2/NDF : 1525437.8/35

All: 4142.726+/-0.463 χ^2/NDF : 3615261.9/72

- sign 4108.825+/-0.649 χ^2/NDF : 2084272.3/36

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 411.419 $\pm$ 527.980 χ^2 /NDF: 16.5/16

Left Out: -186.612 $\pm$ 348.890 χ^2 /NDF: 18.8/18

Right Out: 682.176 $\pm$ 510.196 χ^2 /NDF: 18.0/18

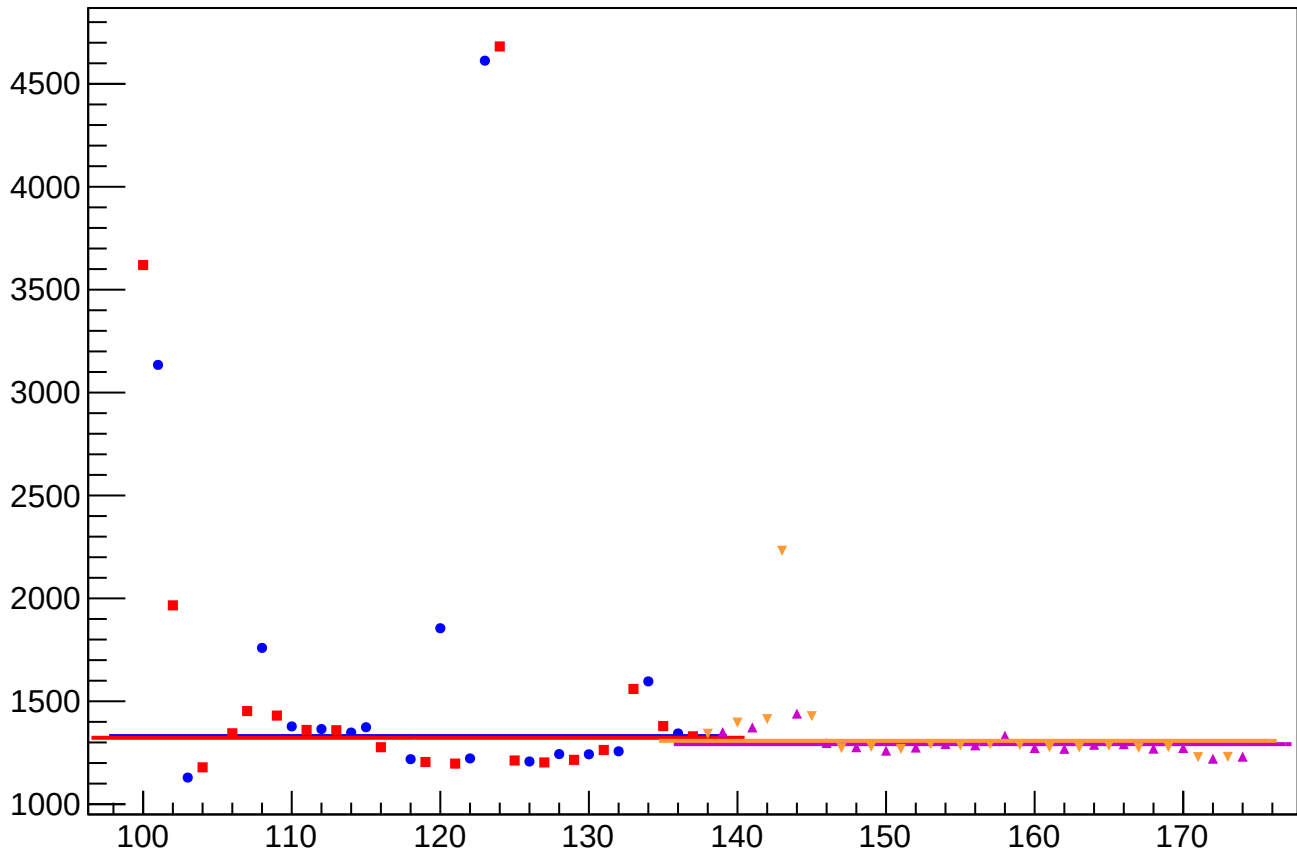
Left In: 146.557 $\pm$ 344.080 χ^2 /NDF: 12.1/17

+ sign -4.846 $\pm$ 291.080 χ^2 /NDF: 36.2/35

All: 157.796 $\pm$ 203.739 χ^2 /NDF: 67.7/72

- sign 314.009 $\pm$ 285.269 χ^2 /NDF: 30.9/36

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1330.889 $\pm$ 0.373 χ^2 /NDF: 603474.5/16

Left Out: 1308.044 $\pm$ 0.247 χ^2 /NDF: 271376.1/18

Right Out: 1322.706 $\pm$ 0.361 χ^2 /NDF: 394413.6/18

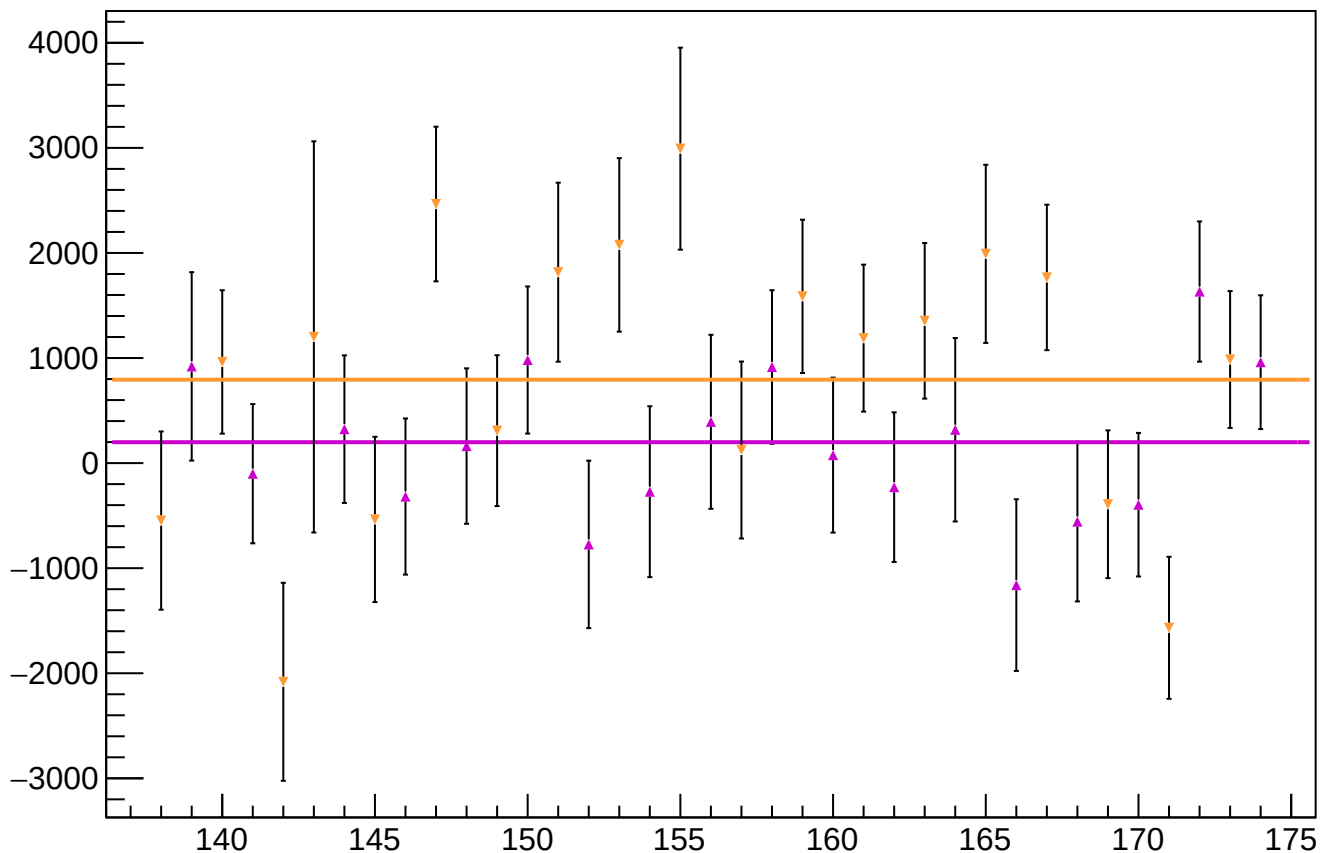
Left In: 1291.715 $\pm$ 0.243 χ^2 /NDF: 41105.9/17

+ sign 1314.987 $\pm$ 0.206 χ^2 /NDF: 877457.0/35

All: 1308.059 $\pm$ 0.144 χ^2 /NDF: 1320270.3/72

- sign 1301.404 $\pm$ 0.202 χ^2 /NDF: 440591.7/36

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 793.897+/-178.208 χ^2/NDF : 51.3/18

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

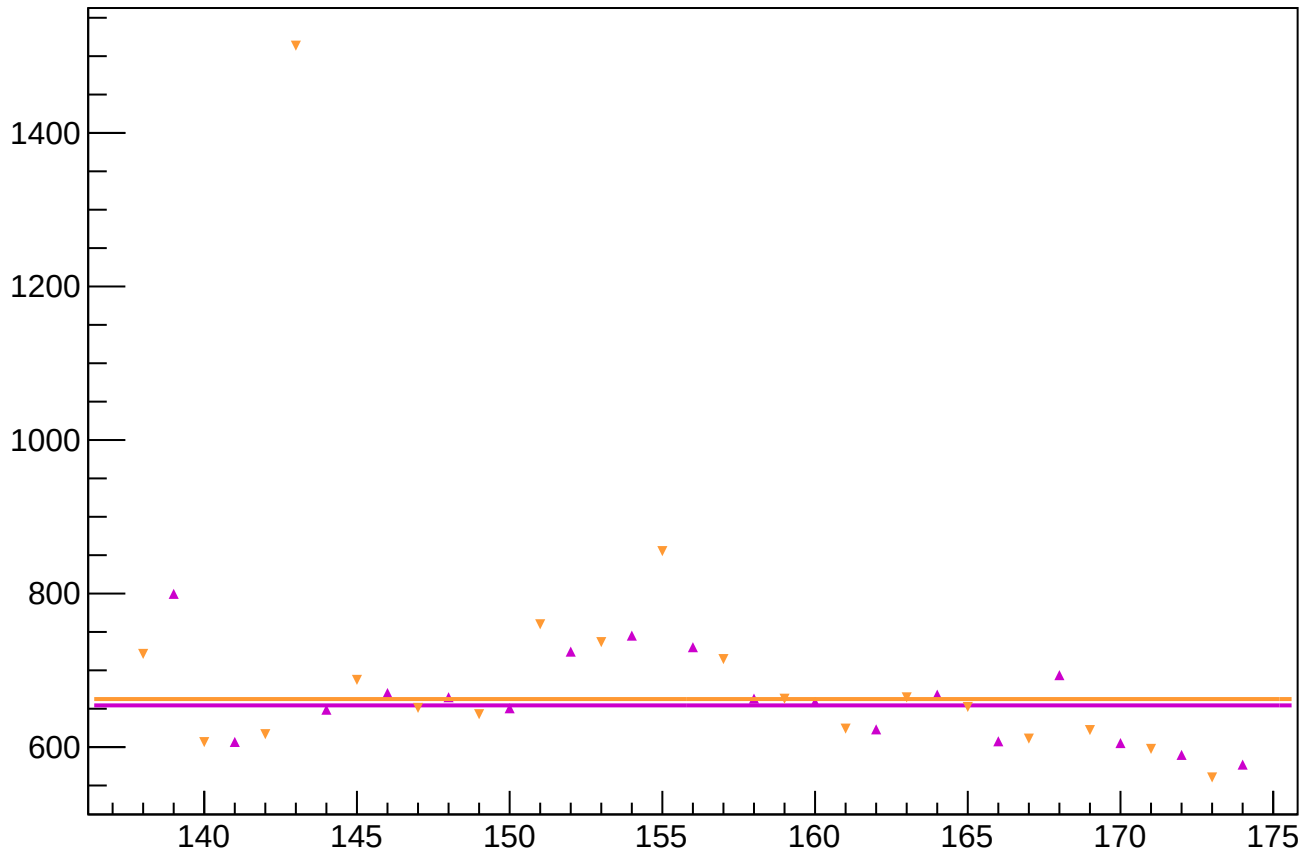
Left In: 198.948+/-174.454 χ^2/NDF : 16.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.089+/-124.664 χ^2/NDF : 73.4/36

- 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: 662.599+/-0.126 χ^2/NDF : 671812.3/18

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

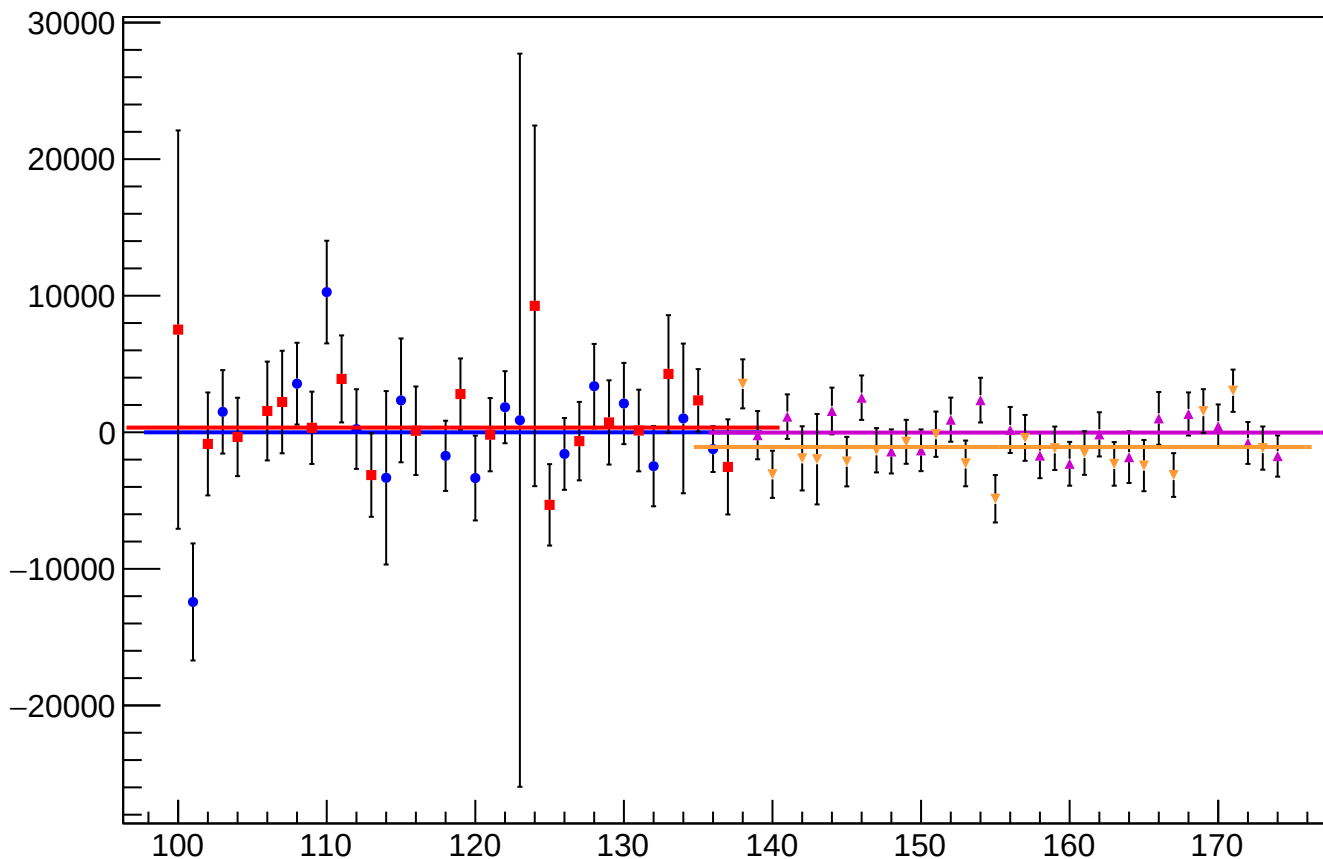
Left In: 654.342+/-0.123 χ^2/NDF : 196580.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.383+/-0.088 χ^2/NDF : 870585.2/36

- 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: -1080.242 ± 393.575 χ^2/NDF : 27.0/18

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

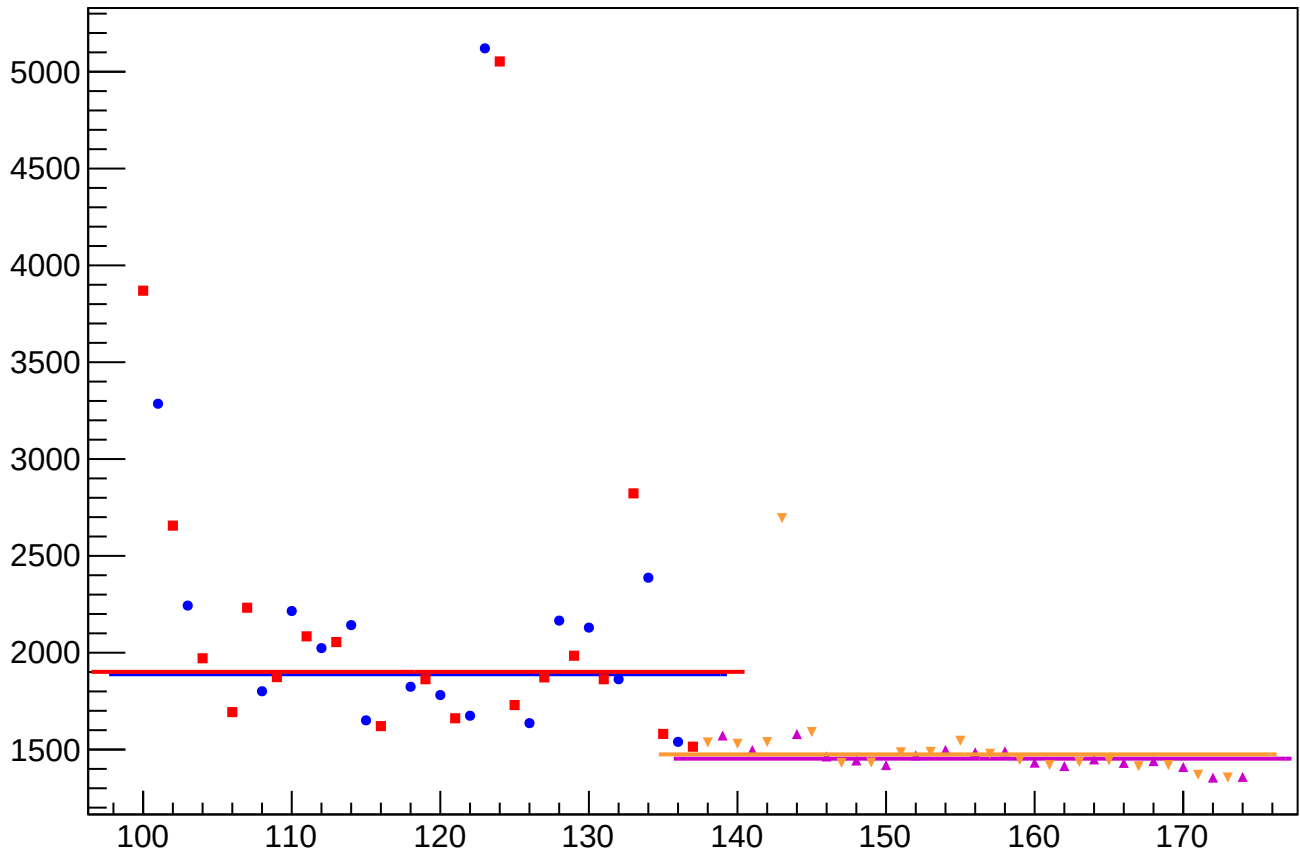
Left In: -22.727 ± 386.869 χ^2/NDF : 14.4/17

+ sign -845.052 ± 348.004 χ^2/NDF : 52.1/35

All: -386.306 ± 244.003 χ^2/NDF : 80.9/72

- sign 57.299 ± 342.213 χ^2/NDF : 25.3/36

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1888.810 $\pm$ 0.527 χ^2 /NDF: 465842.8/16

Left Out: 1474.980 $\pm$ 0.278 χ^2 /NDF: 322503.6/18

Right Out: 1901.248 $\pm$ 0.519 χ^2 /NDF: 461424.3/18

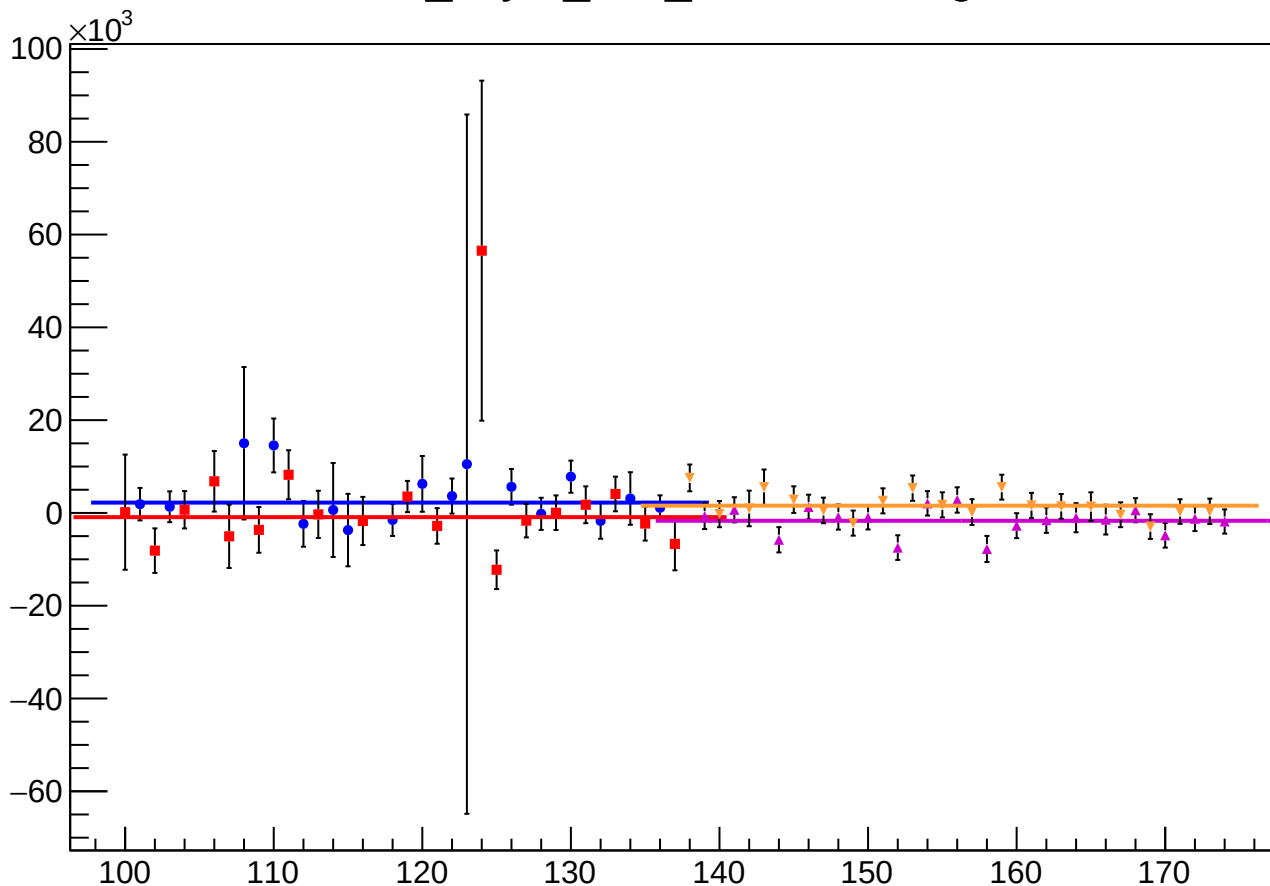
Left In: 1452.902 $\pm$ 0.274 χ^2 /NDF: 45622.9/17

+ sign 1565.264 $\pm$ 0.246 χ^2 /NDF: 1270750.0/35

All: 1557.725 $\pm$ 0.173 χ^2 /NDF: 2363985.6/72

- sign 1550.435 $\pm$ 0.242 χ^2 /NDF: 1091389.5/36

dit_asym_atl1_mean vs Slug



Right In: 2227.517 $\pm$ 1039.288 χ^2 /NDF: 13.6/16

Left Out: 1562.760 $\pm$ 647.212 χ^2 /NDF: 16.5/18

Right Out: -907.837 $\pm$ 1046.878 χ^2 /NDF: 22.9/18

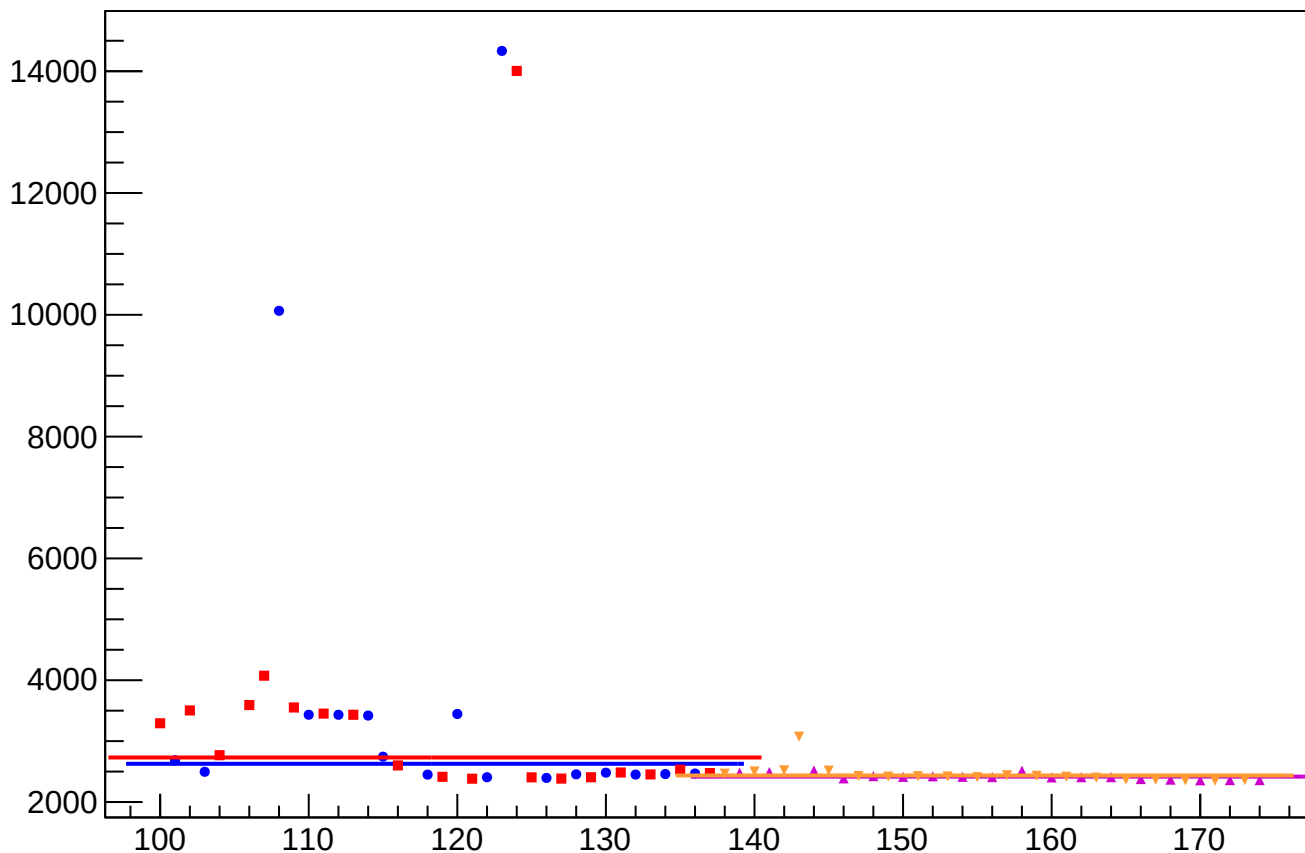
Left In: -1695.569 $\pm$ 643.261 χ^2 /NDF: 21.1/17

+ sign 1748.521 $\pm$ 549.391 χ^2 /NDF: 30.3/35

All: 130.528 $\pm$ 388.009 χ^2 /NDF: 92.0/72

- sign -1479.670 $\pm$ 548.065 χ^2 /NDF: 44.4/36

dit_asym_atl1_rms vs Slug



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

Left Out: 2436.217+/-0.458 χ^2/NDF : 68535.3/18

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

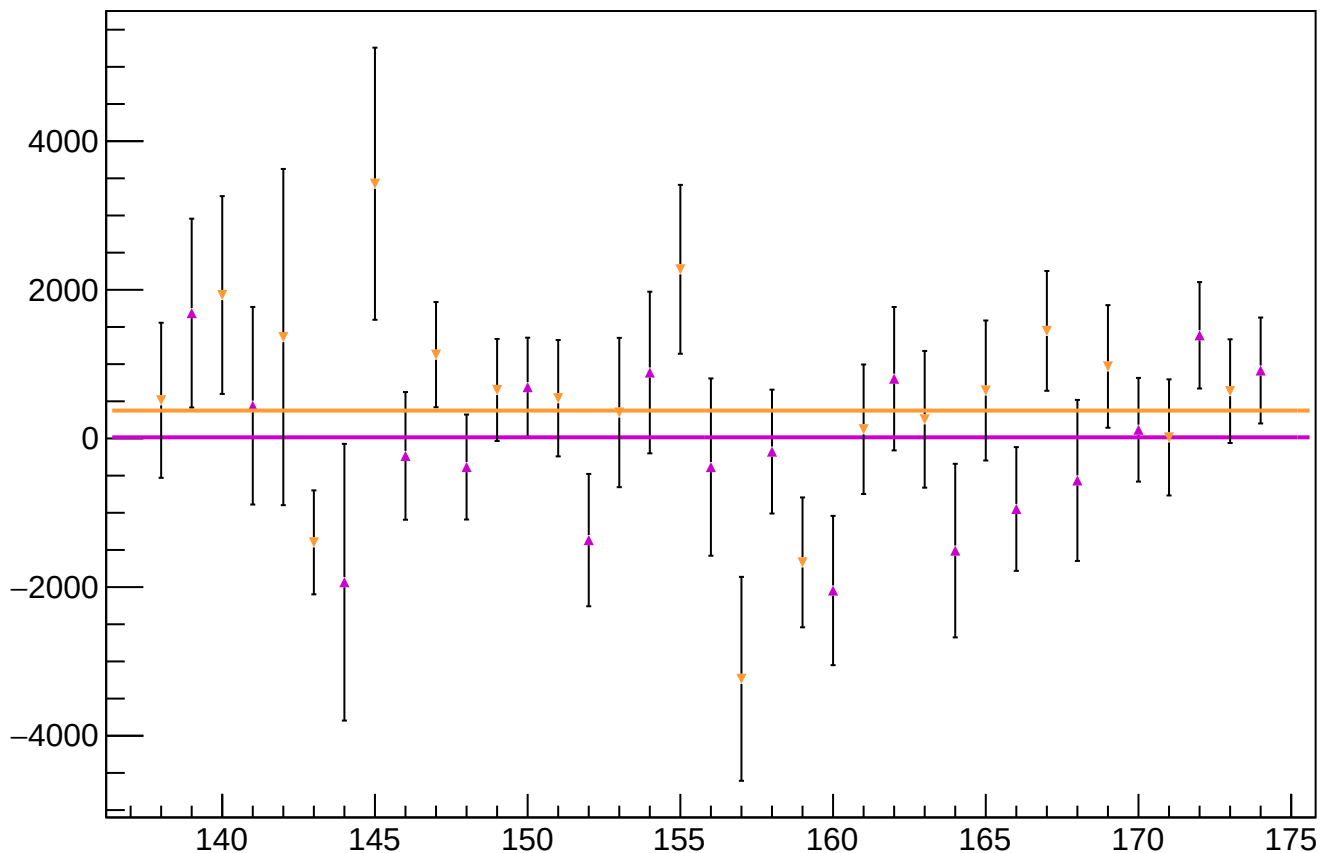
Left In: 2417.092+/-0.455 χ^2/NDF : 12157.1/17

+ sign 2489.689+/-0.388 χ^2/NDF : 761785.6/35

All: 2496.462+/-0.274 χ^2/NDF : 1503518.5/72

- sign 2503.201+/-0.388 χ^2/NDF : 741126.6/36

asym_atl1_correction_mean vs Slug



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

Left Out: 375.366+/-205.394 χ^2/NDF :30.1/18

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

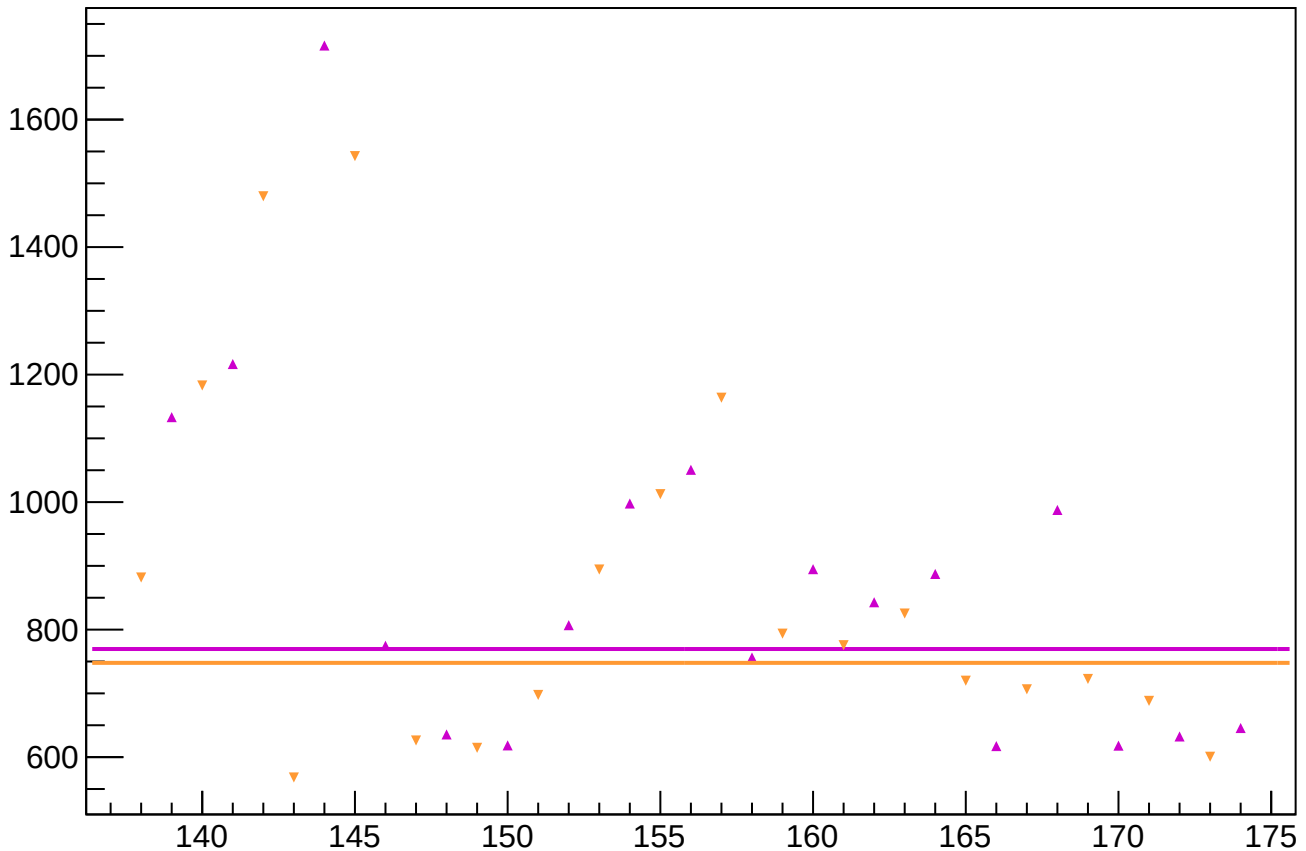
Left In: 15.071+/-211.237 χ^2/NDF :21.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.271+/-147.258 χ^2/NDF : 52.7/36

- 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: 747.864+/-0.145 χ^2/NDF :1574113.0/18

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

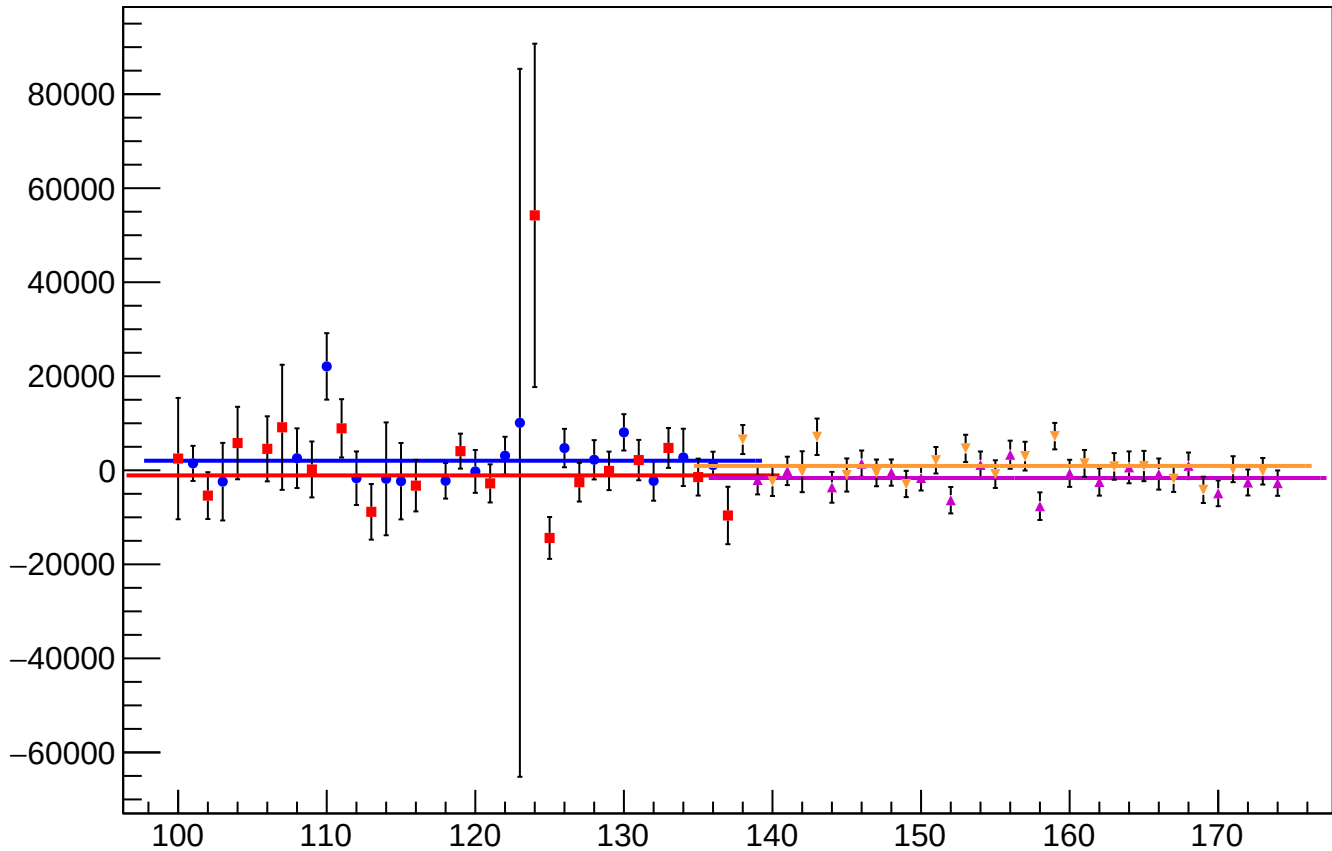
Left In: 769.584+/-0.149 χ^2/NDF :1724833.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 758.419+/-0.104 χ^2/NDF : 3309816.0/36

- 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: 930.512 ± 688.664 χ^2/NDF : 21.7/18

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

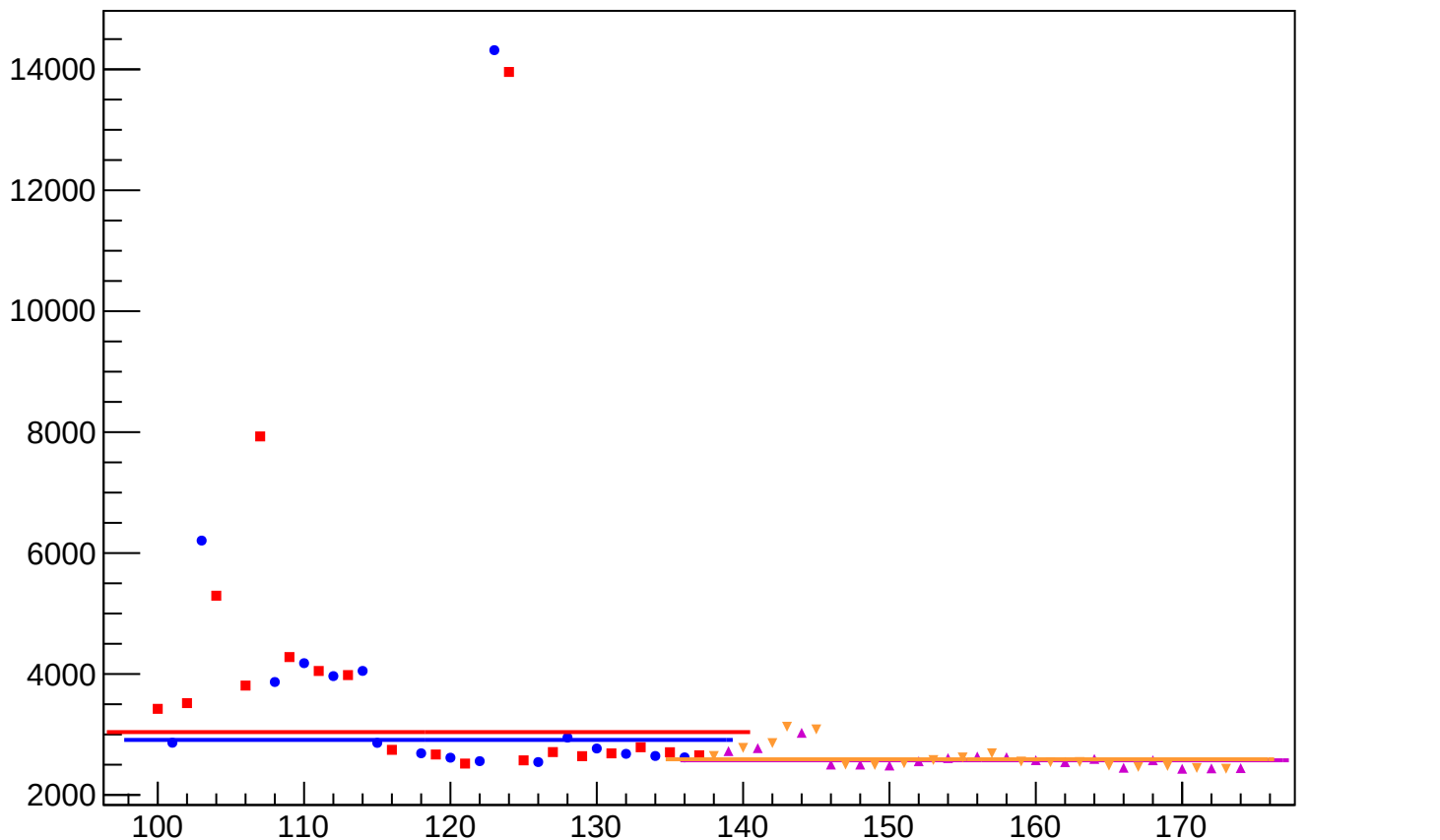
Left In: -1639.892 ± 685.555 χ^2/NDF : 16.0/17

+ sign 1222.254 ± 591.019 χ^2/NDF : 37.2/35

All: -132.820 ± 418.828 χ^2/NDF : 89.3/72

- sign -1499.817 ± 593.614 χ^2/NDF : 41.4/36

asym_atl1_rms vs Slug



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

Left Out: 2589.387+/-0.487 χ^2/NDF : 123415.8/18

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

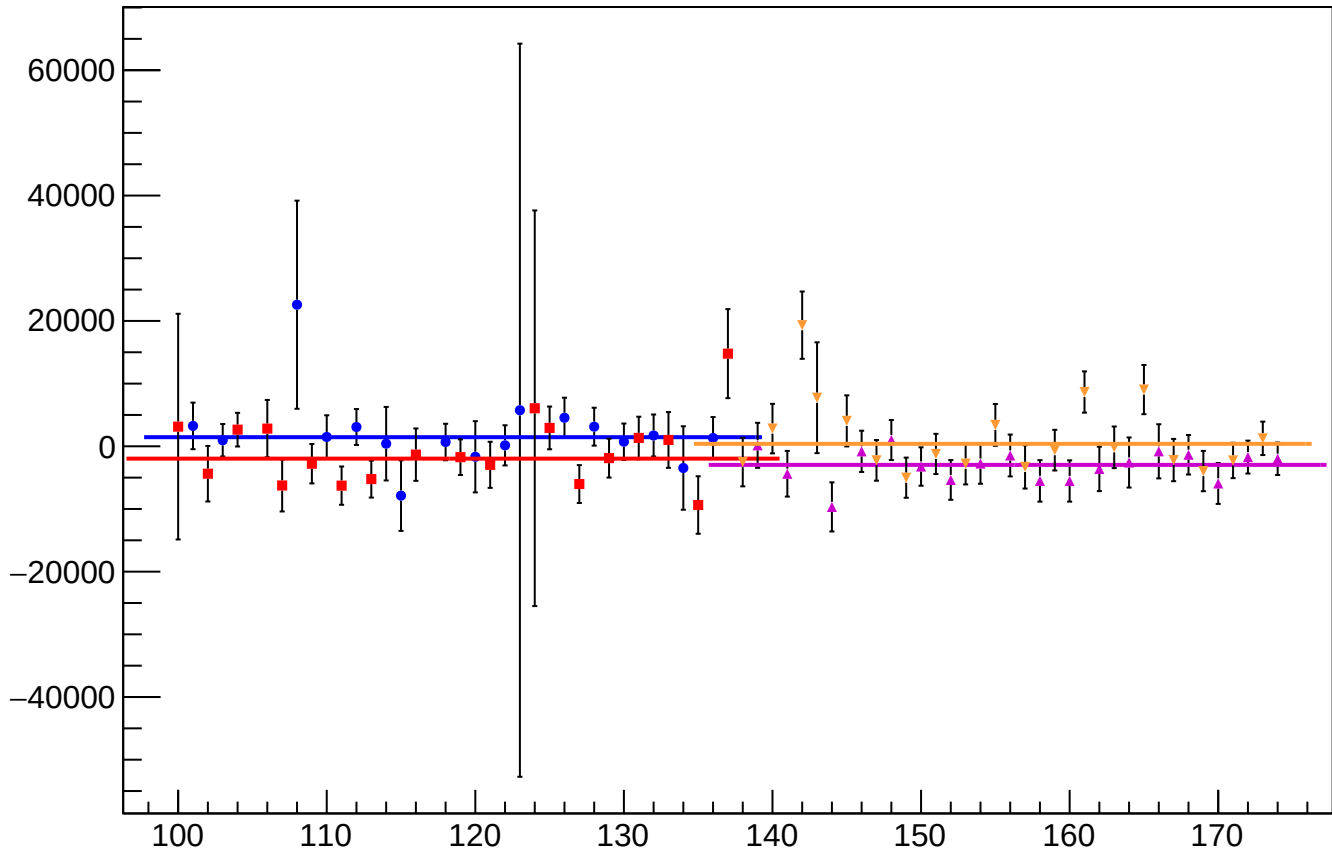
Left In: 2572.877+/-0.485 χ^2/NDF : 76211.1/17

+ sign 2673.790+/-0.418 χ^2/NDF : 879332.2/35

All: 2681.634+/-0.296 χ^2/NDF : 2199039.9/72

- sign 2689.548+/-0.420 χ^2/NDF : 1318999.9/36

dit_asym_atl2_mean vs Slug



Right In: 1451.980 $\pm$ 889.008 χ^2 /NDF: 7.4/16

Left Out: 388.411 $\pm$ 793.731 χ^2 /NDF:36.2/18

Right Out: -1969.182 $\pm$ 850.490 χ^2 /NDF: 22.4/18

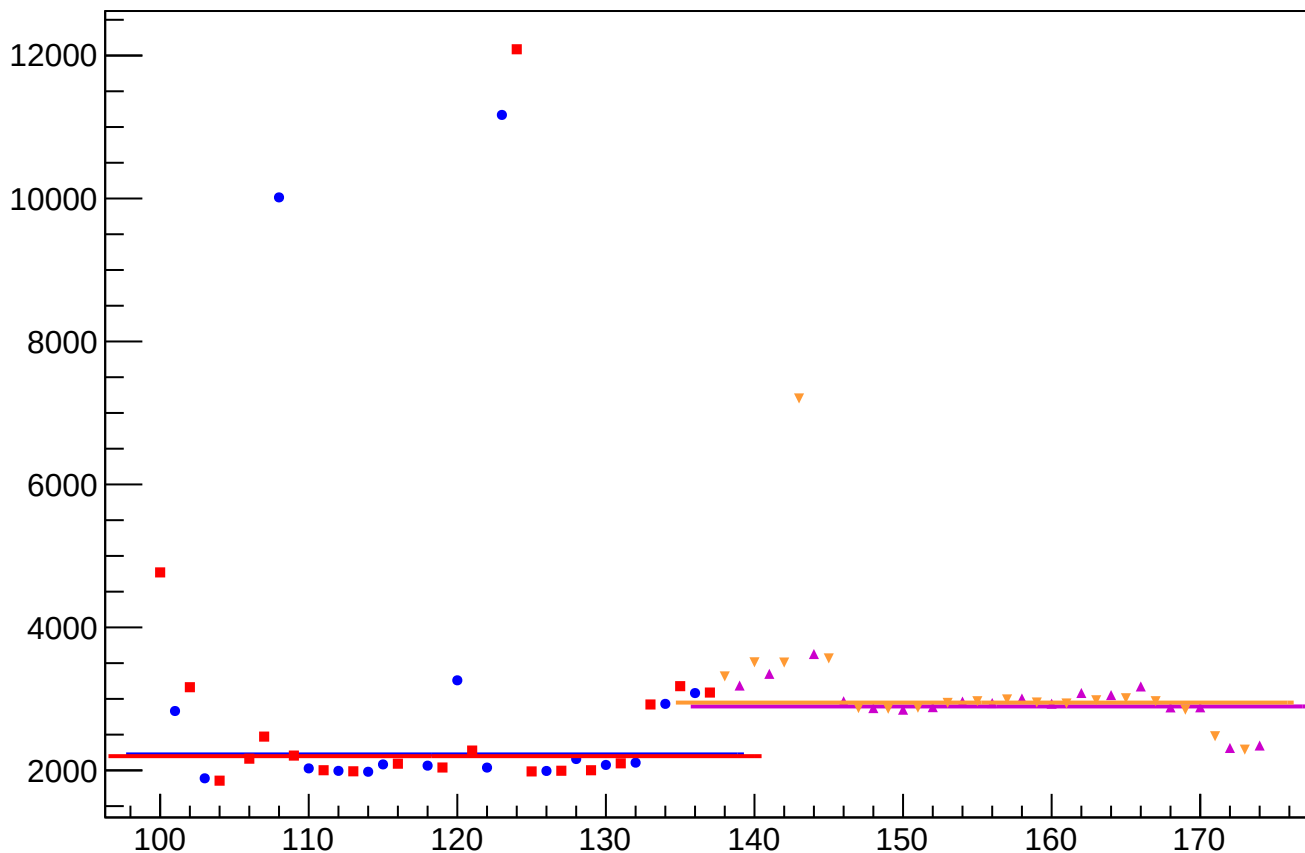
Left In: -2964.985 $\pm$ 774.155 χ^2 /NDF:9.5/17

+ sign 860.168 $\pm$ 592.083 χ^2 /NDF: 44.4/35

All: -883.521 $\pm$ 411.567 χ^2 /NDF: 93.9/72

- sign -2513.769 $\pm$ 572.499 χ^2 /NDF: 32.7/36

dit_asym_atl2_rms vs Slug



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

Left Out: 2948.253+/-0.561 χ^2/NDF : 773816.4/18

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

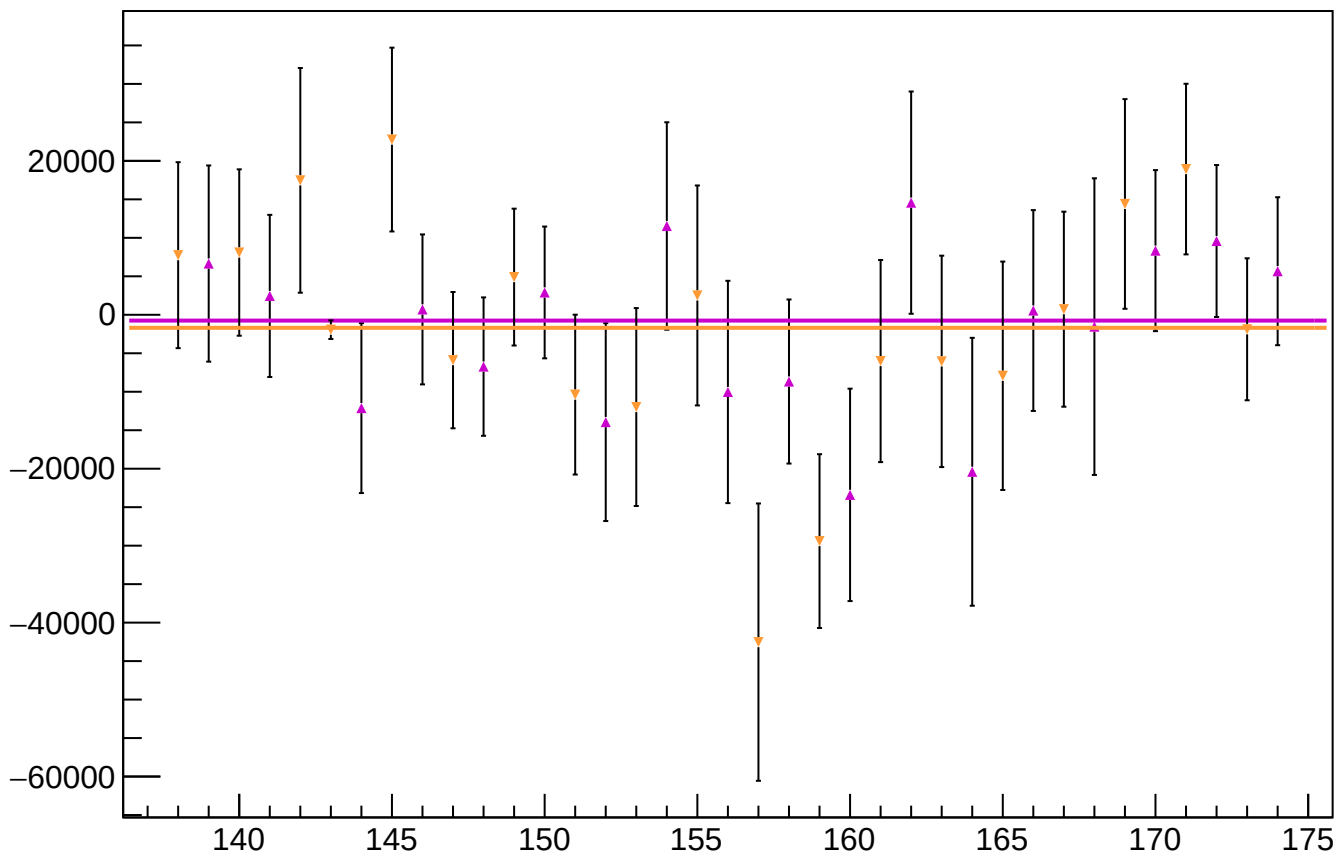
Left In: 2894.254+/-0.547 χ^2/NDF : 324345.7/17

+ sign 2626.617+/-0.419 χ^2/NDF : 2364490.4/35

All: 2601.930+/-0.291 χ^2/NDF : 4029988.4/72

- sign 2578.863+/-0.405 χ^2/NDF : 1658771.9/36

asym_atl2_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1691.048 $\pm$ 1107.476 χ^2 /NDF:26.0/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

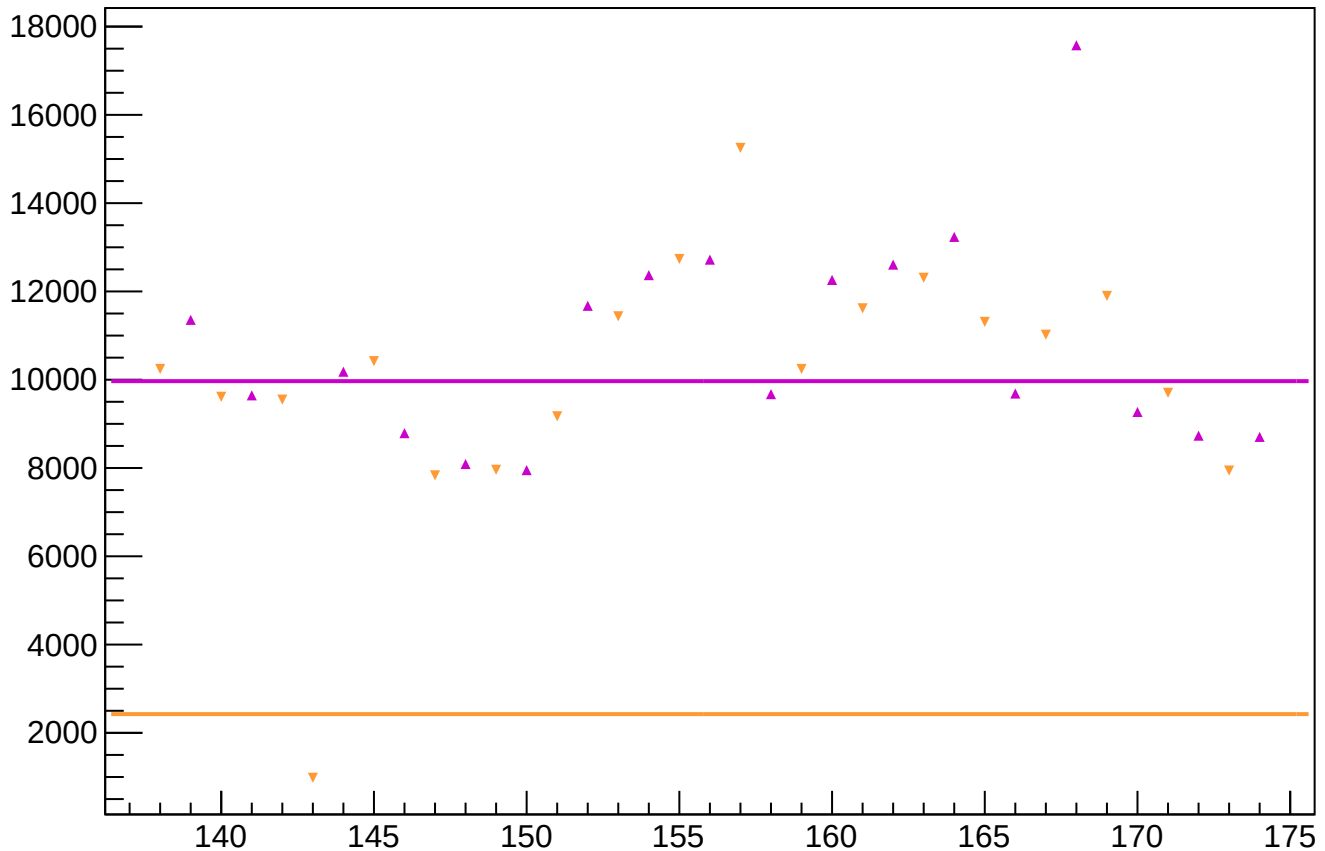
Left In: -753.364 $\pm$ 2699.751 χ^2 /NDF:12.4/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1555.986 $\pm$ 1024.618 χ^2 /NDF: 38.5/36

- sign 0.000 $\pm$ 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: 2424.361+/-0.783 χ^2/NDF :18502025.7/18

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

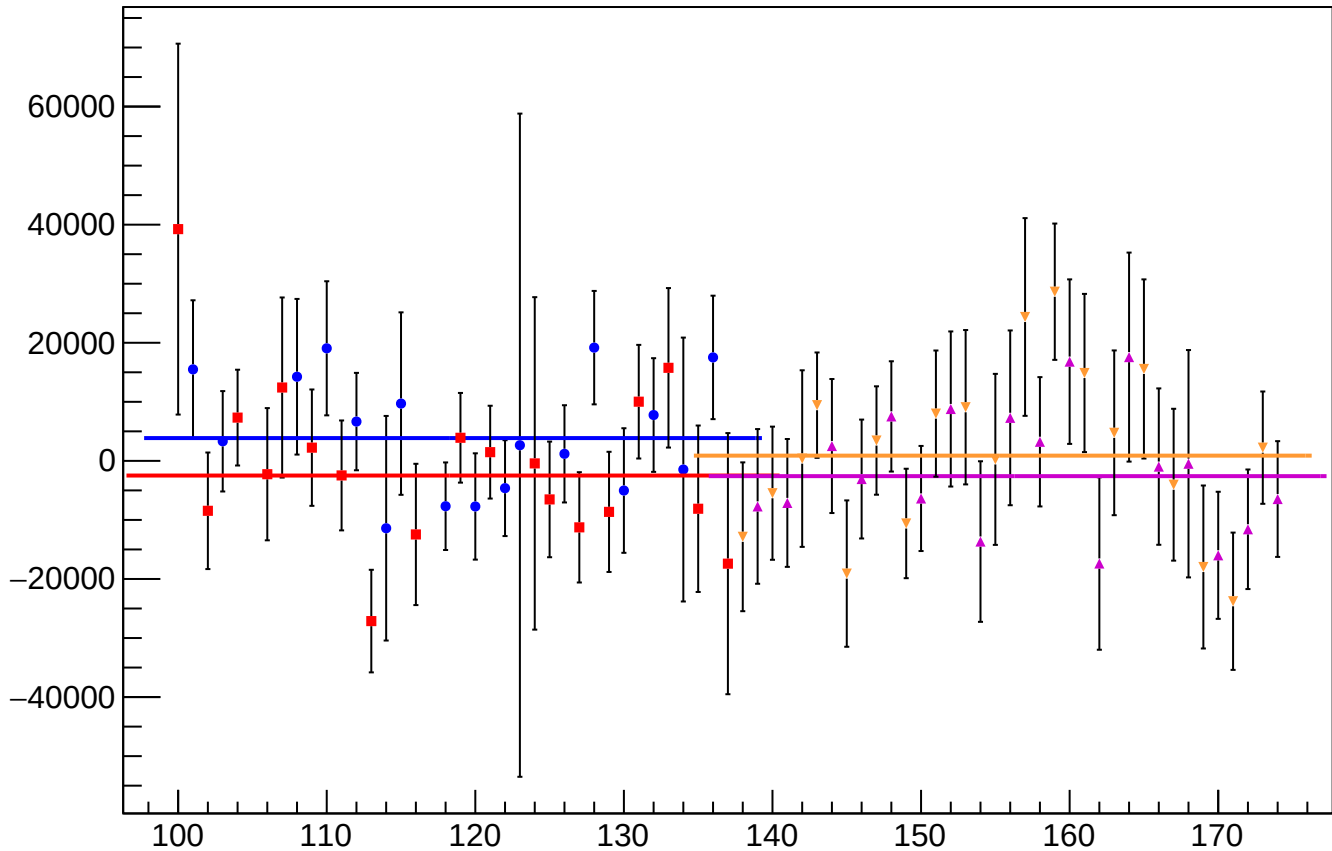
Left In: 9968.120+/-1.909 χ^2/NDF :1006480.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3510.947+/-0.725 χ^2/NDF : 32874859.5/3

- 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: 887.011+/-2706.633 χ^2/NDF : 23.9/18

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

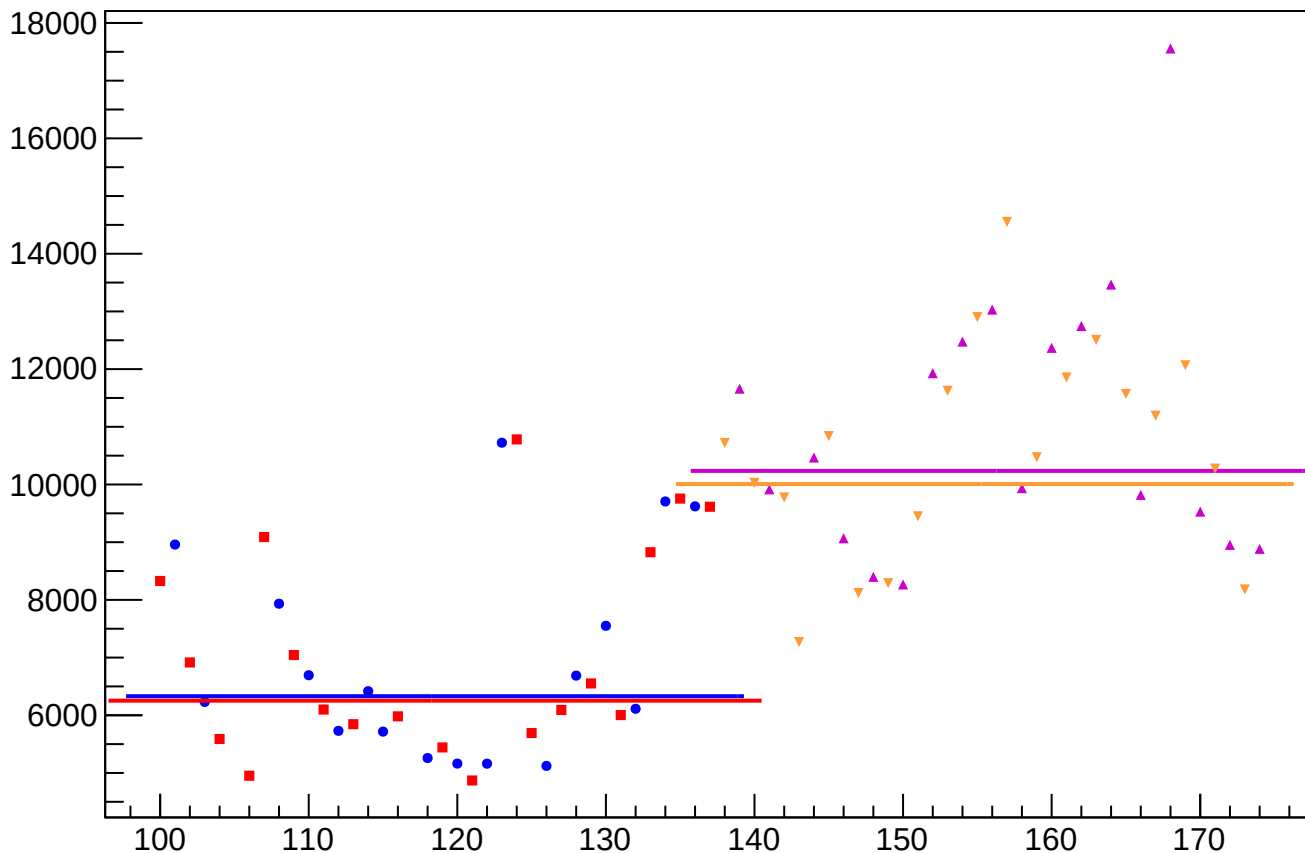
Left In: -2585.681+/-2768.860 χ^2/NDF : 10.8/17

+ sign 2486.054+/-1839.951 χ^2/NDF : 39.3/35

All: -44.323+/-1294.897 χ^2/NDF : 73.9/72

- sign -2527.452+/-1822.692 χ^2/NDF : 30.9/36

asym_atl2_rms vs Slug



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

Left Out: 10007.464 ± 1.914 χ^2/NDF : 883896.0/18

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

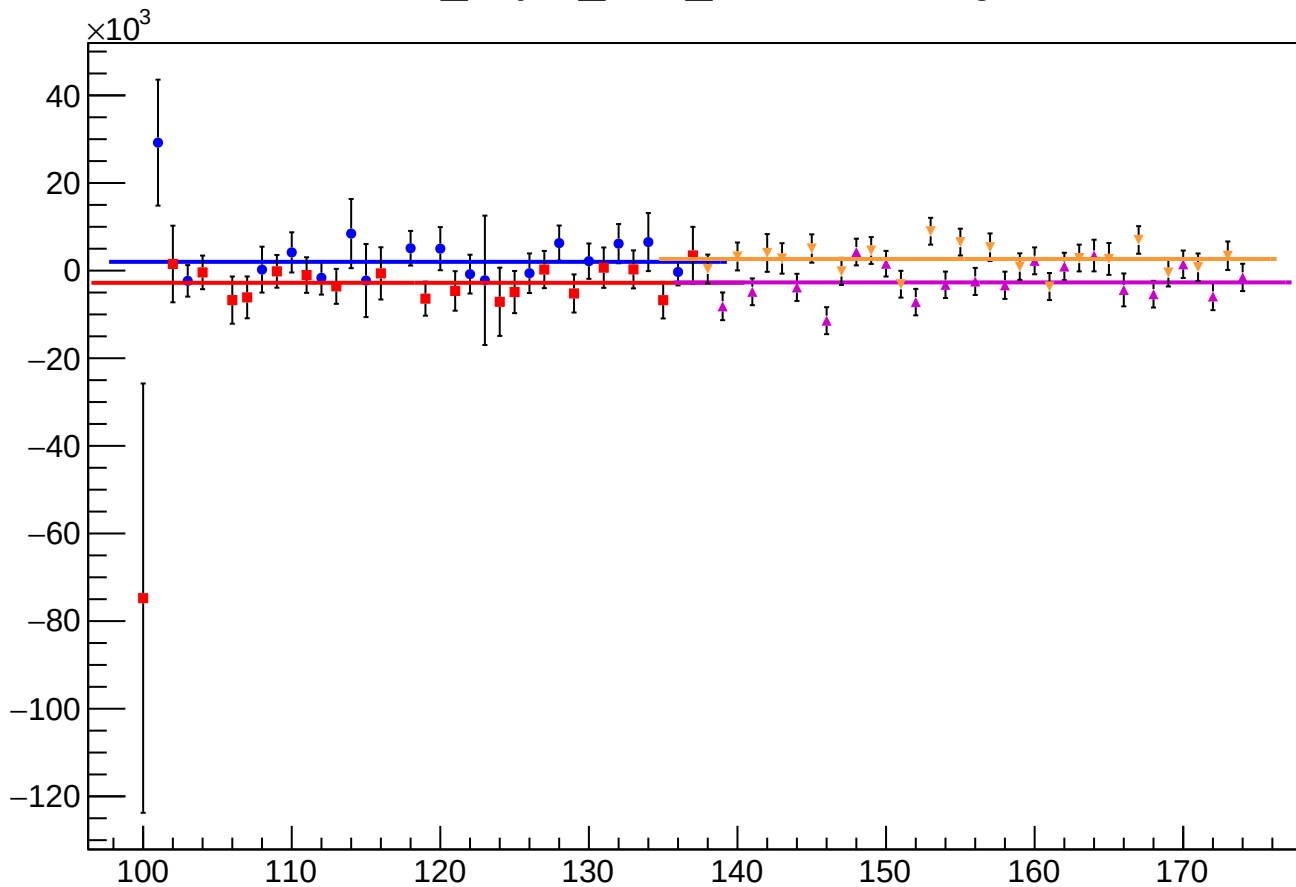
Left In: 10235.774 ± 1.958 χ^2/NDF : 931530.5/17

+ sign 8029.573 ± 1.301 χ^2/NDF : 3462872.7/35

All: 8004.035 ± 0.916 χ^2/NDF : 7275130.8/72

- sign 7978.975 ± 1.289 χ^2/NDF : 3811494.7/36

dit_asym_atr1_mean vs Slug



Right In: 2005.383 $\pm$ 1134.240 χ^2 /NDF: 12.1/16

Left Out: 2653.432 $\pm$ 735.588 χ^2 /NDF:20.3/18

Right Out: -2781.006 $\pm$ 1086.164 χ^2 /NDF: 9.9/18

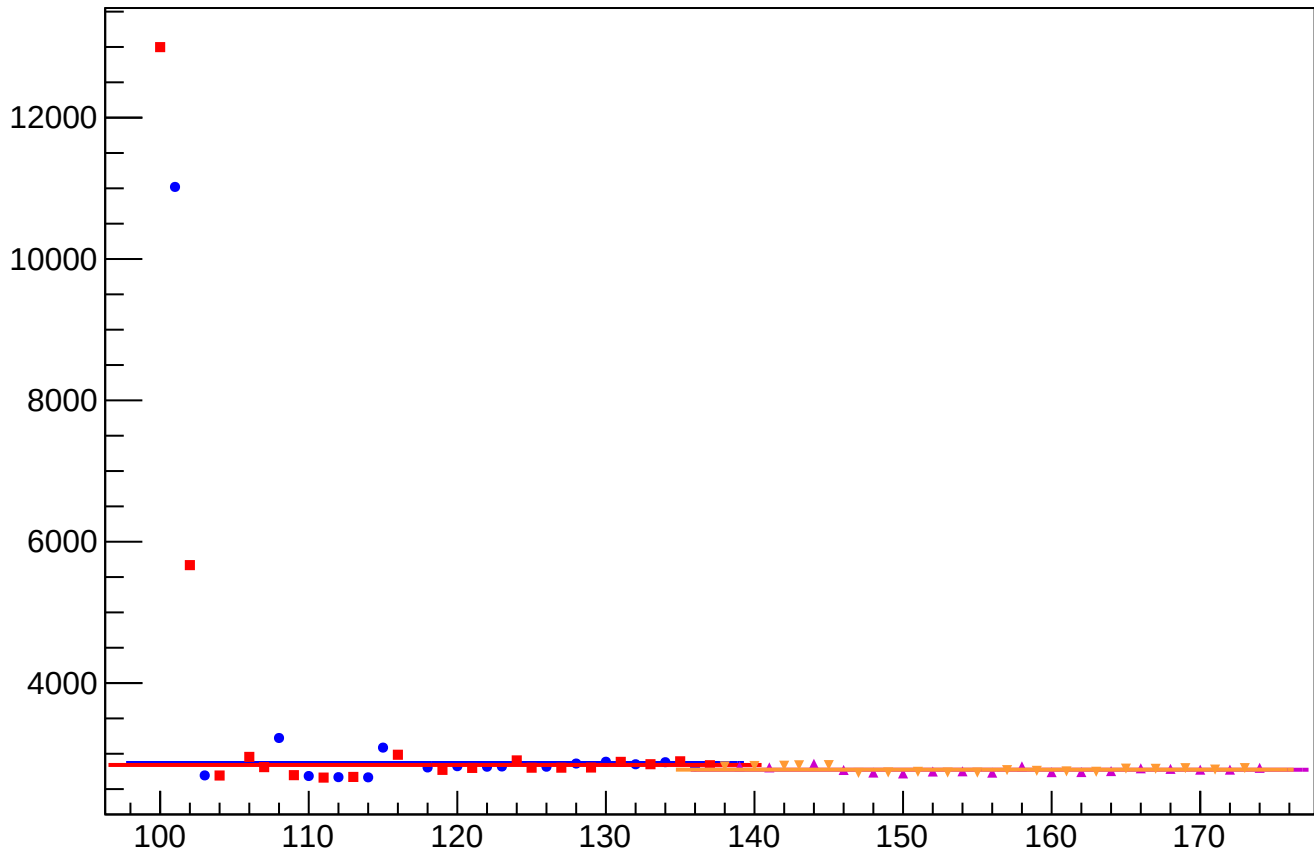
Left In: -2690.558 $\pm$ 737.108 χ^2 /NDF:32.0/17

+ sign 2461.566 $\pm$ 617.163 χ^2 /NDF: 32.6/35

All: -159.330 $\pm$ 433.817 χ^2 /NDF: 110.1/72

- sign -2719.078 $\pm$ 609.921 χ^2 /NDF: 41.9/36

dit_asym_atr1_rms vs Slug



Right In: 2869.197 $\pm$ 0.802 χ^2 /NDF: 669900.5/16

Left Out: 2775.224 $\pm$ 0.520 χ^2 /NDF: 5023.7/18

Right Out: 2841.561 $\pm$ 0.768 χ^2 /NDF: 312523.0/18

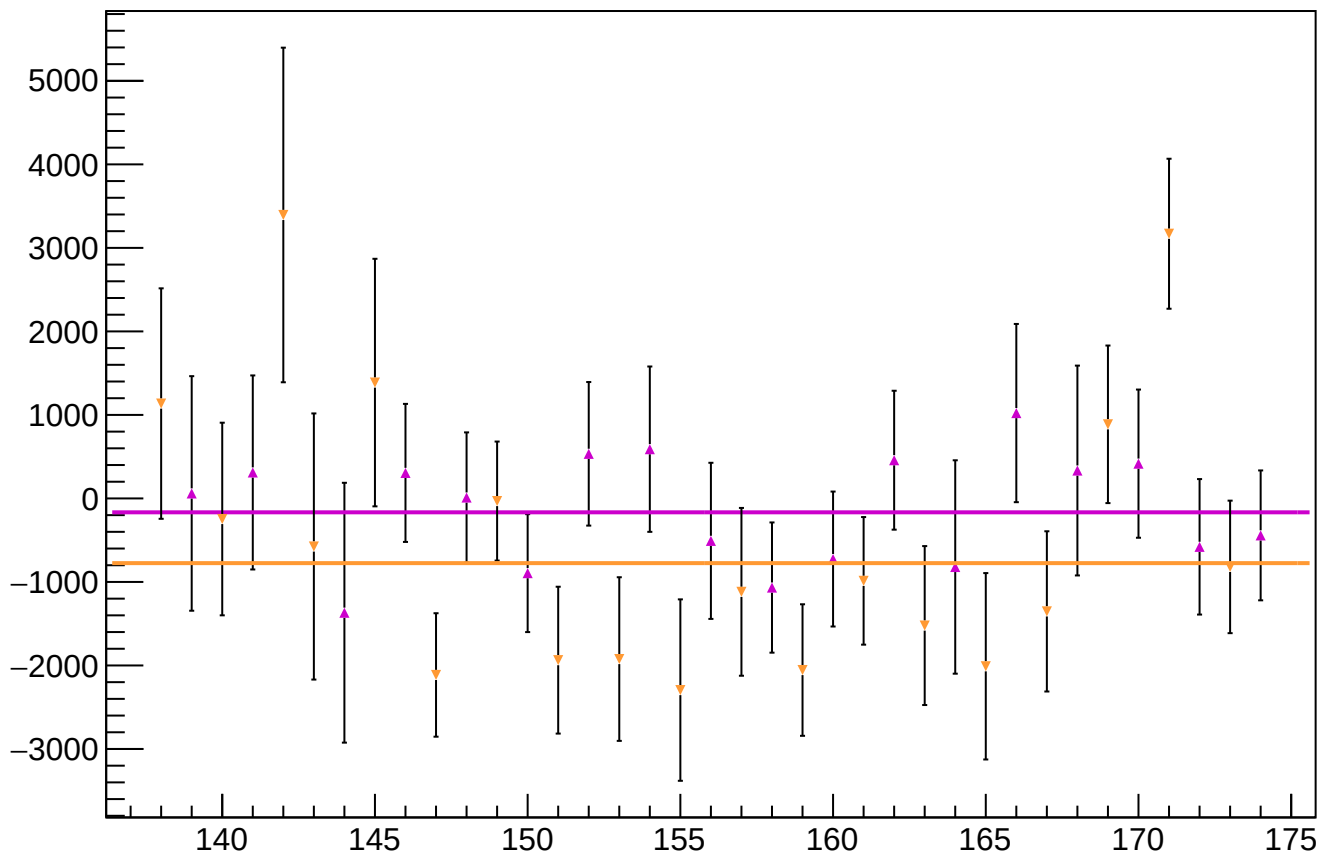
Left In: 2773.708 $\pm$ 0.521 χ^2 /NDF: 4982.8/17

+ sign 2803.046 $\pm$ 0.436 χ^2 /NDF: 684588.1/35

All: 2799.028 $\pm$ 0.307 χ^2 /NDF: 1007605.3/72

- sign 2795.104 $\pm$ 0.431 χ^2 /NDF: 322849.6/36

asym_atr1_correction_mean vs Slug



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

Left Out: -774.702+/-220.210 χ^2/NDF : 45.5/18

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

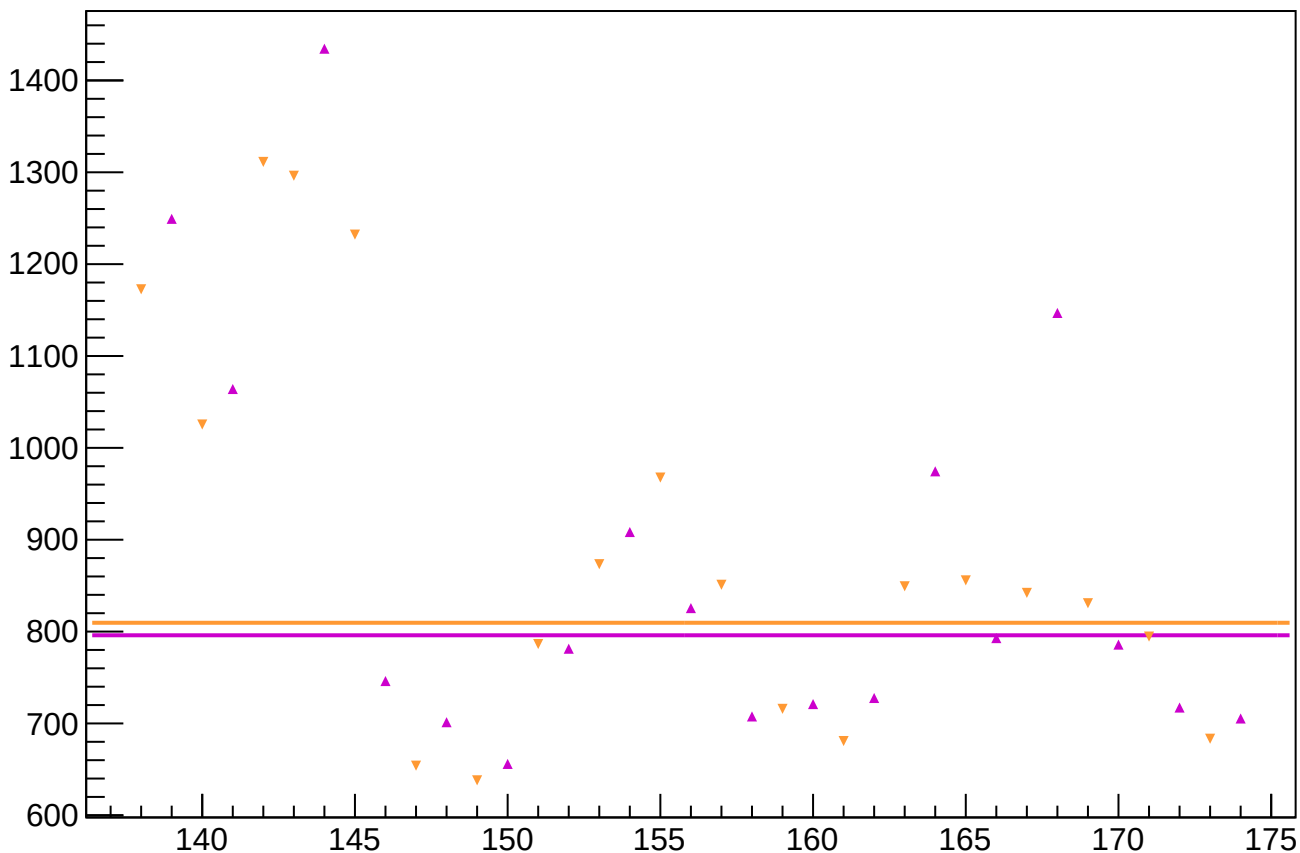
Left In: -166.302+/-215.740 χ^2/NDF : 8.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.264+/-154.107 χ^2/NDF : 57.9/36

- 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: 809.594+/-0.156 χ^2/NDF : 1089784.2/18

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

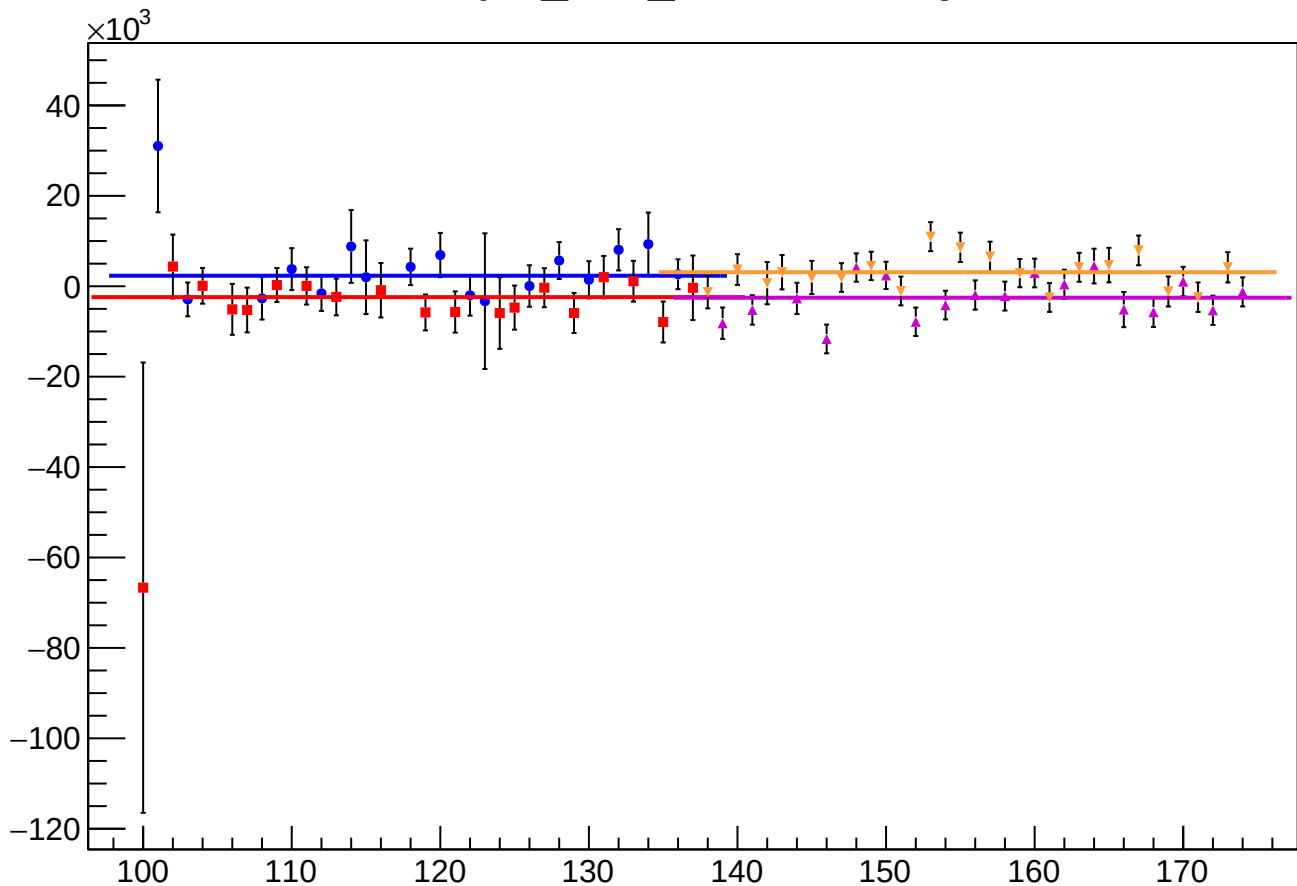
Left In: 795.969+/-0.153 χ^2/NDF : 1093403.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 802.642+/-0.109 χ^2/NDF : 2187094.4/36

- 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: 3107.304+/-773.749 χ^2/NDF :24.1/18

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

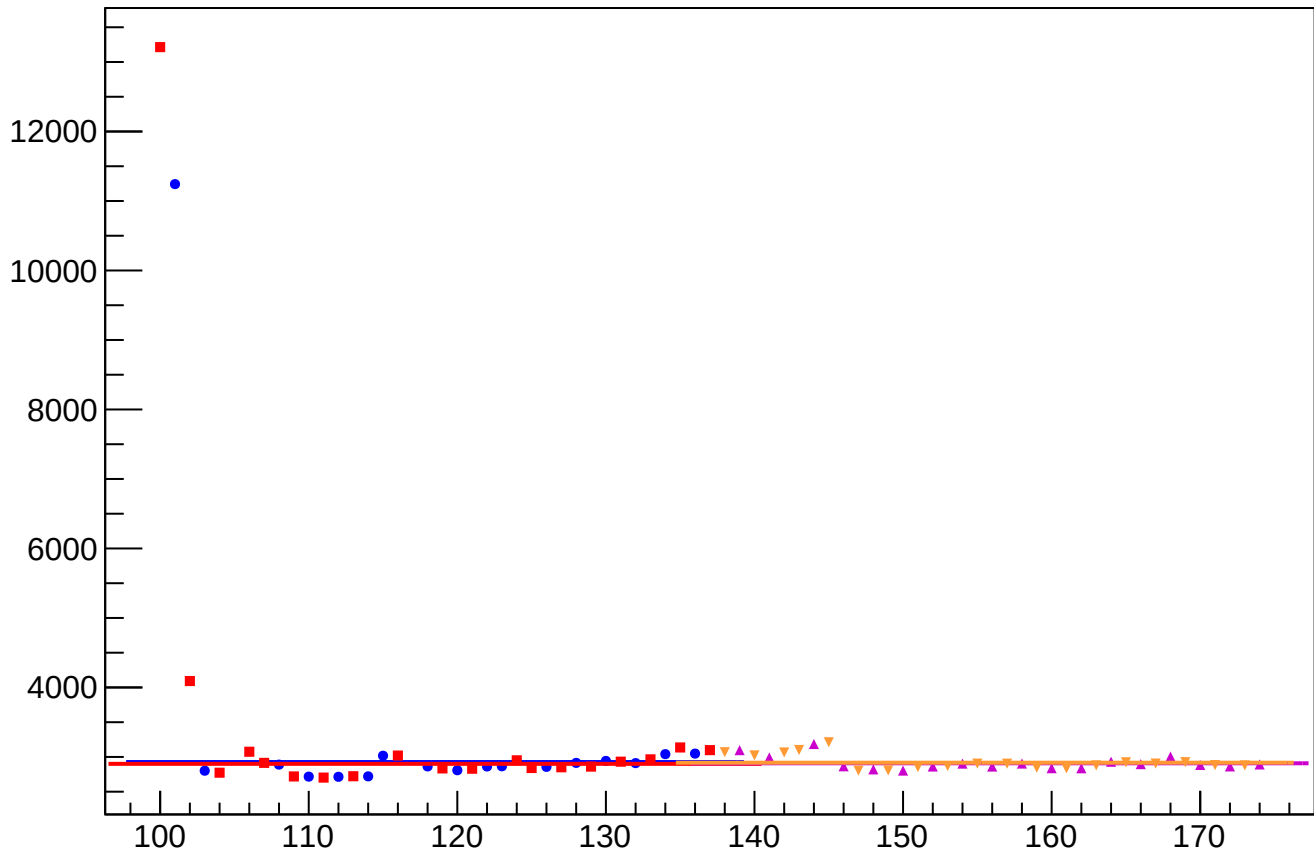
Left In: -2531.936+/-773.333 χ^2/NDF :32.6/17

+ sign 2867.010+/-643.101 χ^2/NDF : 38.8/35

All: 152.584+/-451.684 χ^2/NDF : 116.6/72

- sign -2490.052+/-634.540 χ^2/NDF : 42.6/36

asym_atr1_rms vs Slug



Right In: 2926.610 $\pm$ 0.818 χ^2 /NDF: 662794.4/16

Left Out: 2917.374 $\pm$ 0.547 χ^2 /NDF: 34509.6/18

Right Out: 2900.827 $\pm$ 0.785 χ^2 /NDF: 169866.6/18

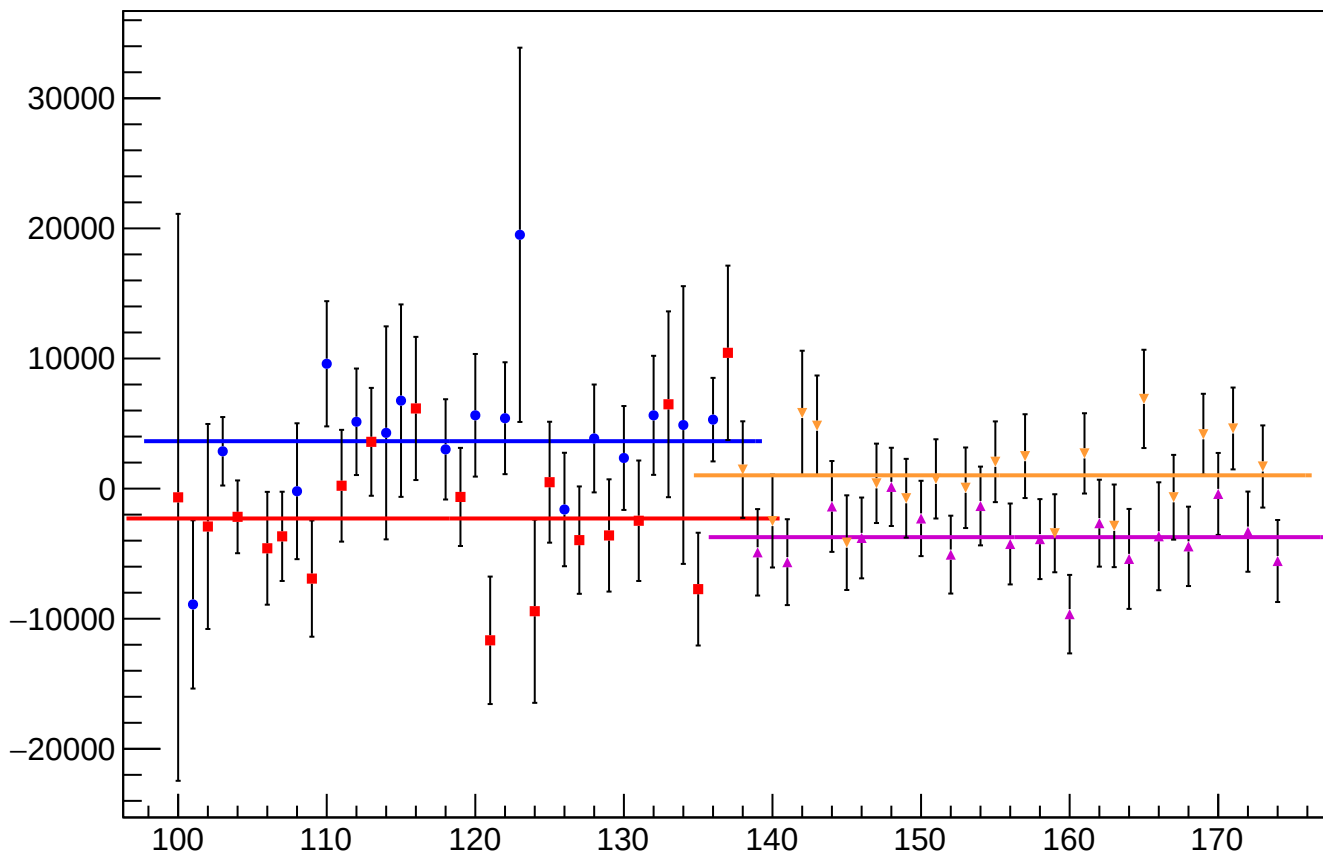
Left In: 2908.720 $\pm$ 0.547 χ^2 /NDF: 29713.4/17

+ sign 2920.230 $\pm$ 0.455 χ^2 /NDF: 697392.1/35

All: 2913.091 $\pm$ 0.319 χ^2 /NDF: 897526.6/72

- sign 2906.141 $\pm$ 0.449 χ^2 /NDF: 199648.1/36

dit_asym_atr2_mean vs Slug



Right In: 3645.268 $\pm$ 1091.486 χ^2 /NDF: 9.9/16

Left Out: 1021.434 $\pm$ 755.742 χ^2 /NDF:14.9/18

Right Out: -2295.846 $\pm$ 1046.865 χ^2 /NDF: 18.4/18

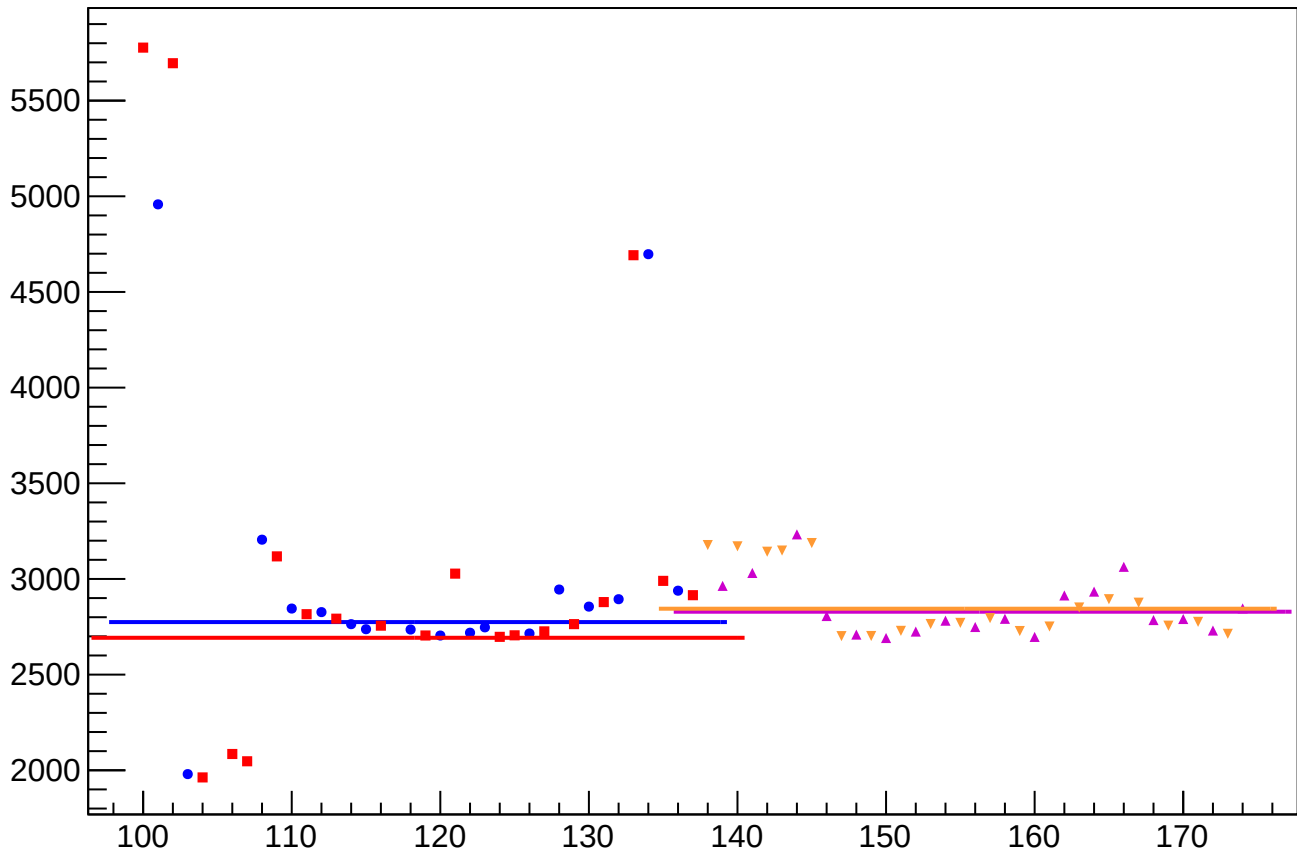
Left In: -3730.436 $\pm$ 752.109 χ^2 /NDF:9.3/17

+ sign 1871.704 $\pm$ 621.339 χ^2 /NDF: 28.6/35

All: -728.849 $\pm$ 435.584 χ^2 /NDF: 92.1/72

- sign -3242.048 $\pm$ 610.814 χ^2 /NDF: 29.0/36

dit_asym_atr2_rms vs Slug



Right In: 2774.617 $\pm$ 0.772 χ^2 /NDF: 501680.3/16

Left Out: 2844.454 $\pm$ 0.534 χ^2 /NDF: 96804.6/18

+ sign 2821.823 $\pm$ 0.439 χ^2 /NDF: 604019.3/35

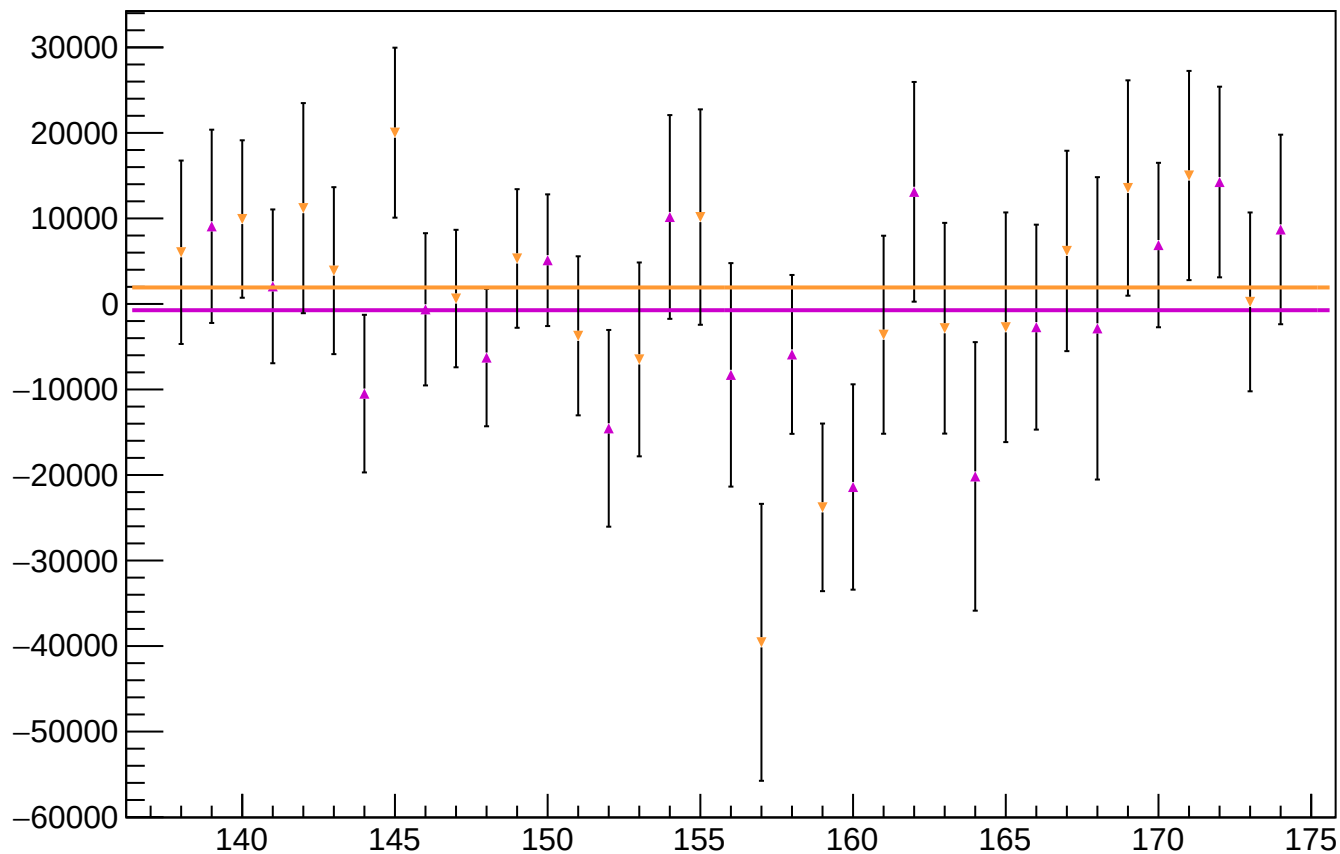
Right Out: 2692.509 $\pm$ 0.740 χ^2 /NDF: 780267.3/18

All: 2801.747 $\pm$ 0.308 χ^2 /NDF: 1476474.4/72

- sign 2782.349 $\pm$ 0.432 χ^2 /NDF: 868349.6/36

Left In: 2828.751 $\pm$ 0.532 χ^2 /NDF: 65730.8/17

asym_atr2_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1928.870 $\pm$ 2444.444 χ^2 /NDF:22.5/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

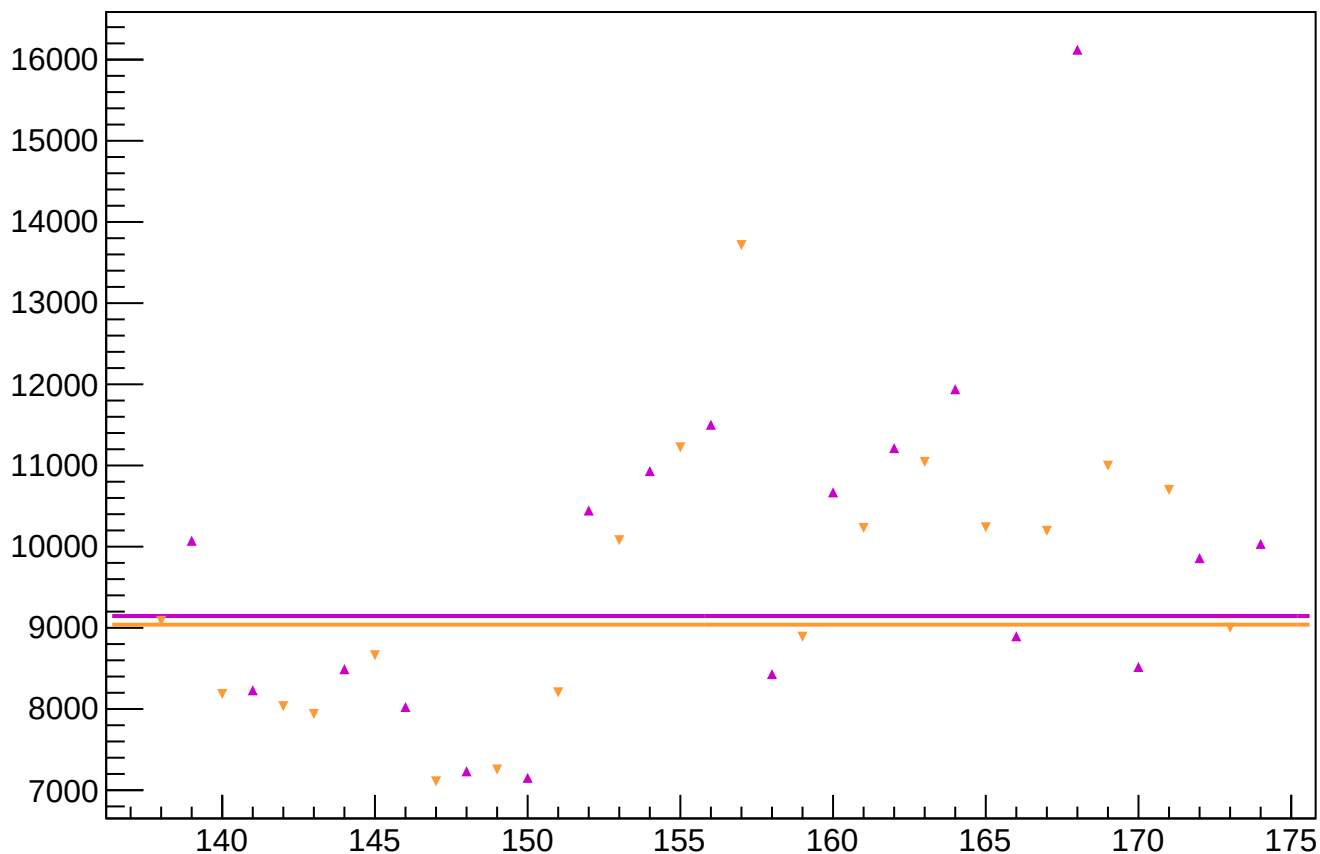
Left In: -732.067 $\pm$ 2475.132 χ^2 /NDF:14.8/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 614.999 $\pm$ 1739.231 χ^2 /NDF: 37.9/36

- sign 0.000 $\pm$ 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: 9039.072+/-1.728 χ^2/NDF : 726339.5/18

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

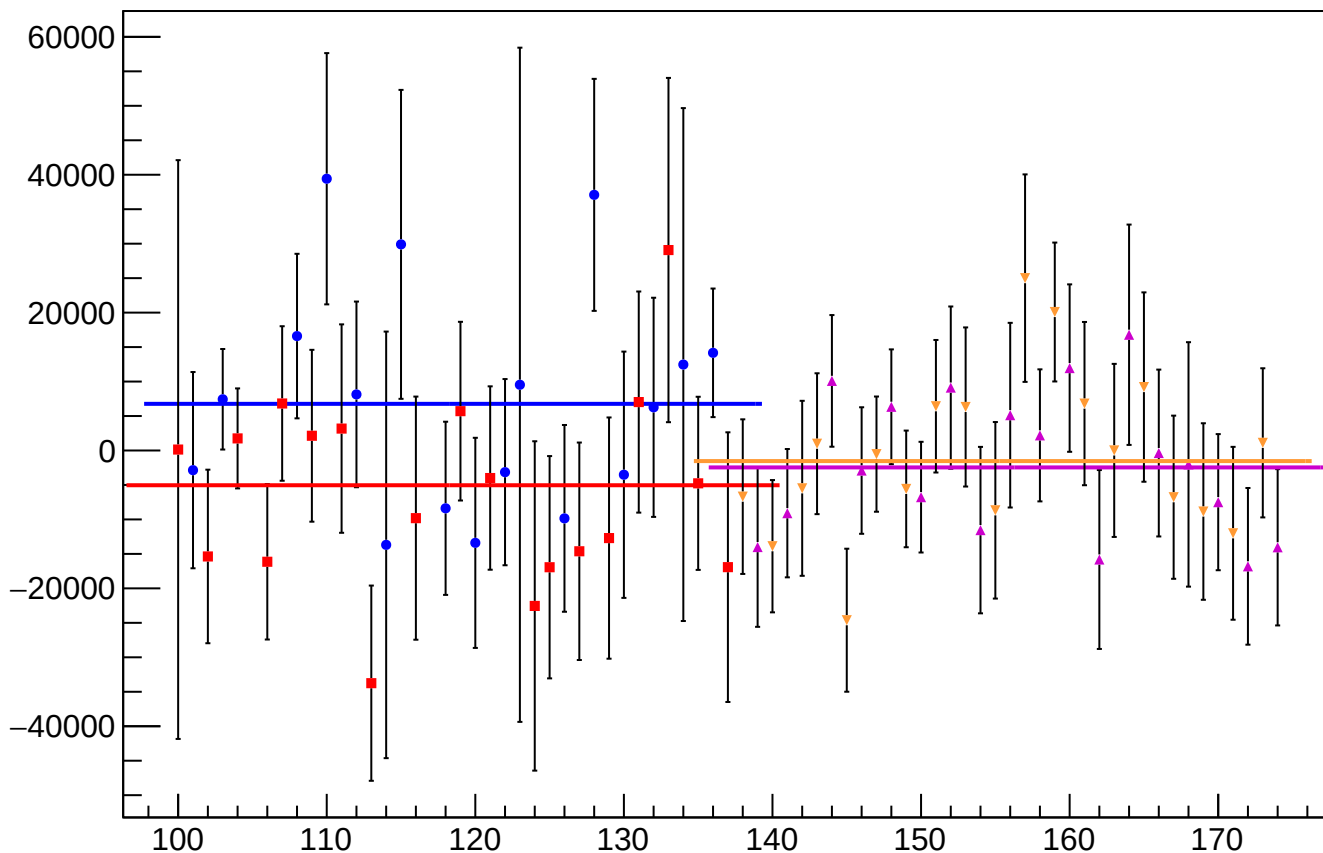
Left In: 9145.639+/-1.750 χ^2/NDF : 960120.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9091.691+/-1.230 χ^2/NDF : 1688336.8/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



Right In: 6767.402 $\pm$ 3387.139 χ^2 /NDF: 15.3/16

Left Out: -1537.284 $\pm$ 2517.287 χ^2 /NDF: 18.8/18

Right Out: -5041.440 $\pm$ 3167.616 χ^2 /NDF: 13.6/18

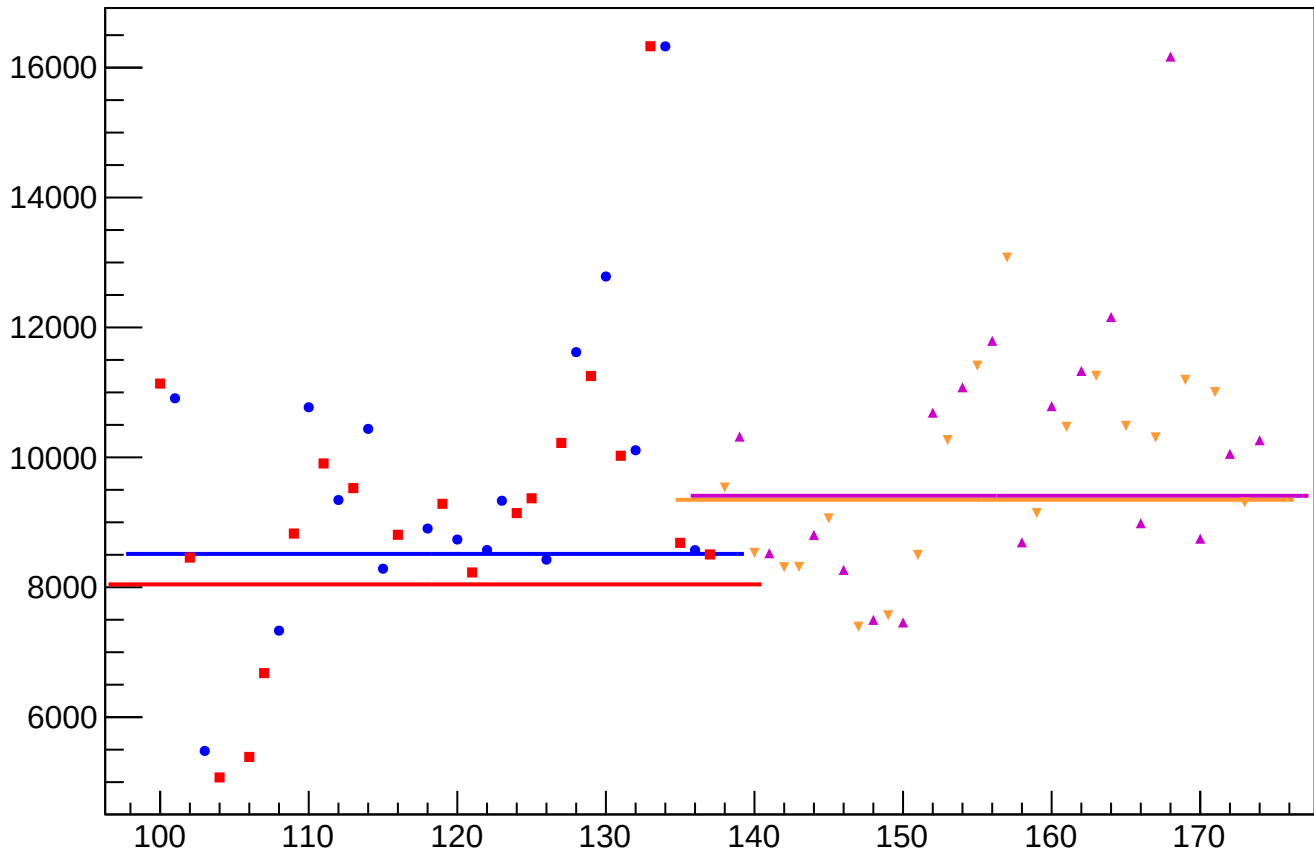
Left In: -2456.308 $\pm$ 2541.930 χ^2 /NDF: 13.6/17

+ sign 1417.585 $\pm$ 2020.415 χ^2 /NDF: 38.0/35

All: -1071.935 $\pm$ 1415.060 χ^2 /NDF: 68.6/72

- sign -3468.941 $\pm$ 1982.519 χ^2 /NDF: 27.6/36

asym_atr2_rms vs Slug



Right In: 8513.665 $\pm$ 2.395 χ^2 /NDF: 762614.5/16

Left Out: 9346.880 $\pm$ 1.780 χ^2 /NDF: 620023.6/18

Right Out: 8044.739 $\pm$ 2.240 χ^2 /NDF: 952310.5/18

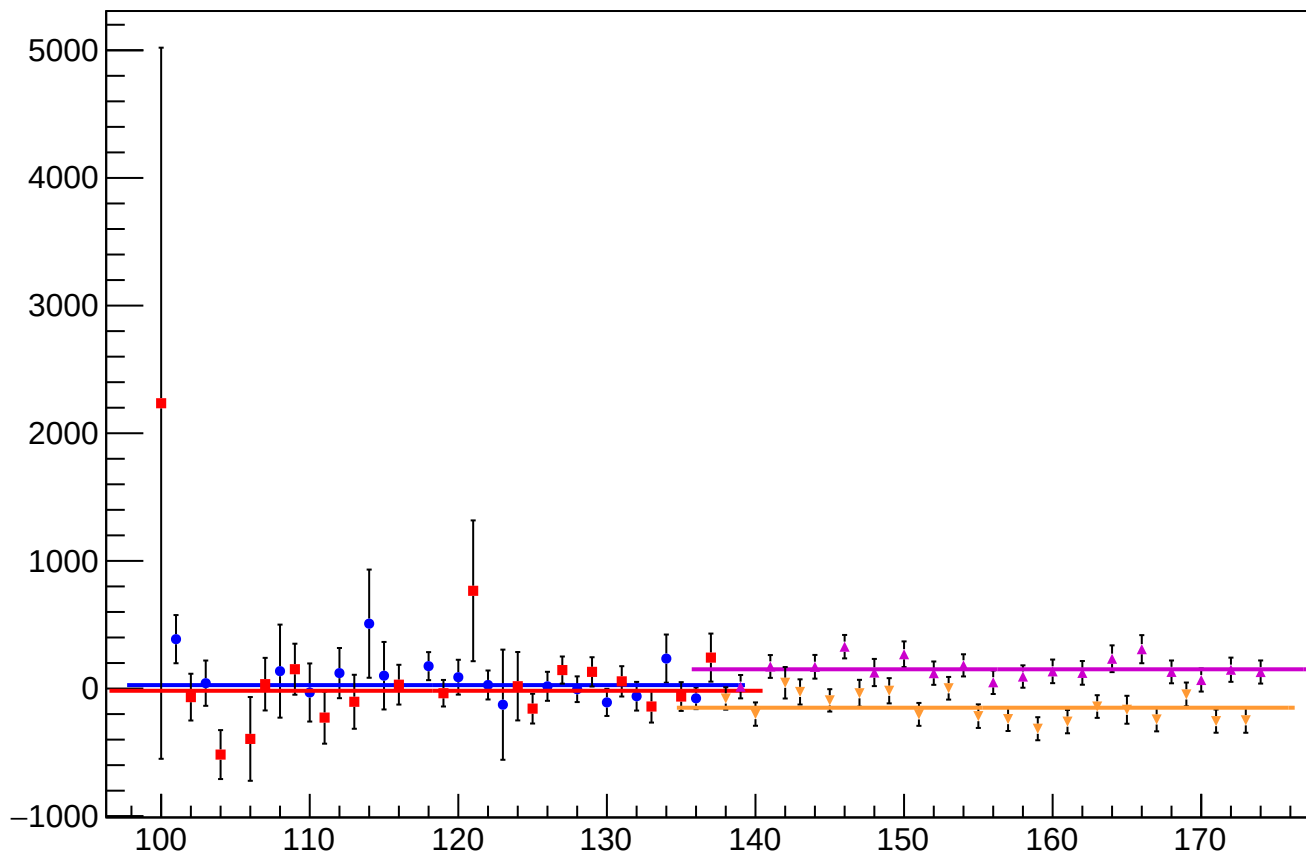
Left In: 9407.931 $\pm$ 1.797 χ^2 /NDF: 878123.9/17

+ sign 9050.416 $\pm$ 1.429 χ^2 /NDF: 1460602.0/35

All: 8960.499 $\pm$ 1.001 χ^2 /NDF: 3524134.6/72

- sign 8873.926 $\pm$ 1.402 χ^2 /NDF: 2055757.4/36

dit_asym_sam1_mean vs Slug



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

Left Out: -150.113+/-21.644 χ^2/NDF : 22.5/18

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

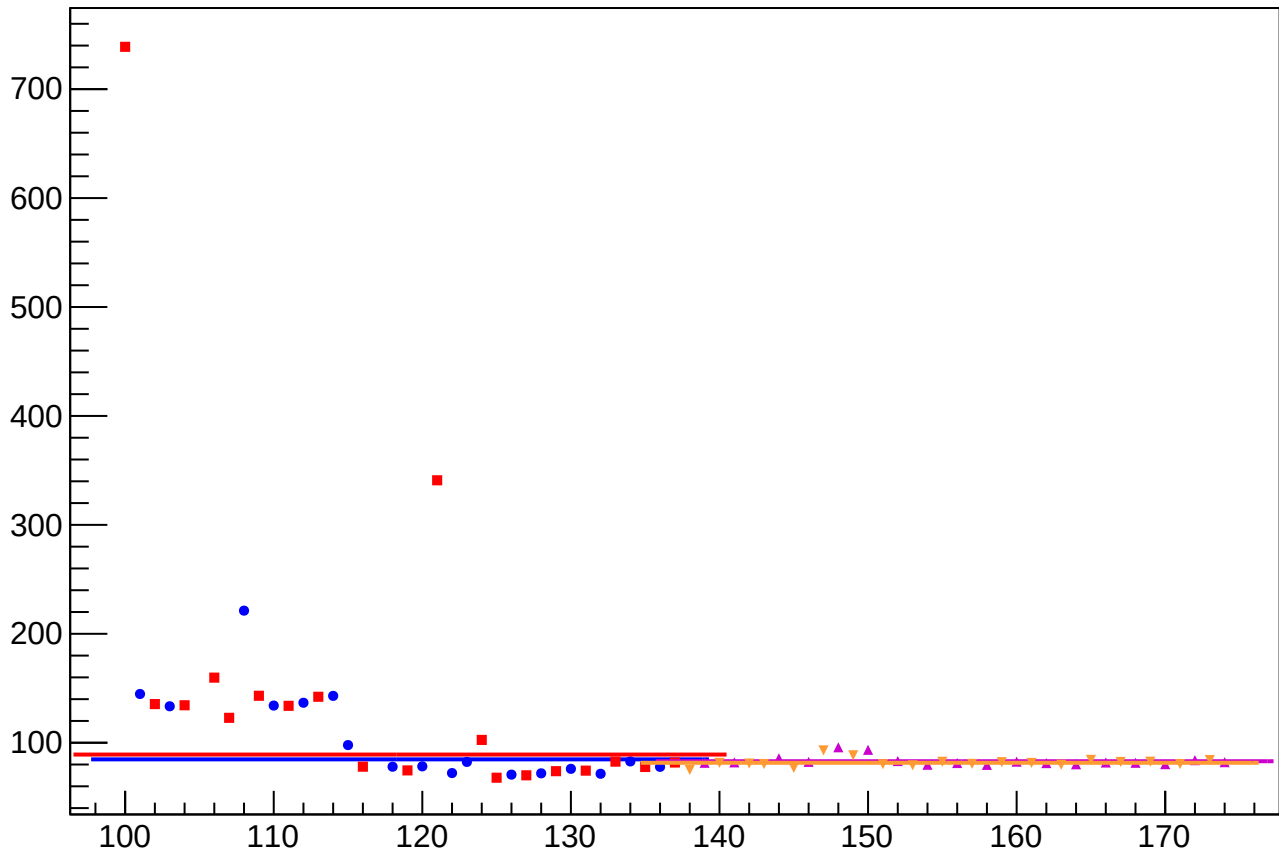
Left In: 150.906+/-22.068 χ^2/NDF : 13.1/17

+ sign -99.118+/-18.263 χ^2/NDF : 54.4/35

All: -0.181+/-13.082 χ^2/NDF : 165.8/72

- sign 104.094+/-18.749 χ^2/NDF : 51.1/36

dit_asym_sam1_rms vs Slug



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

Left Out: 81.591 ± 0.015 χ^2/NDF : 56779.7/18

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

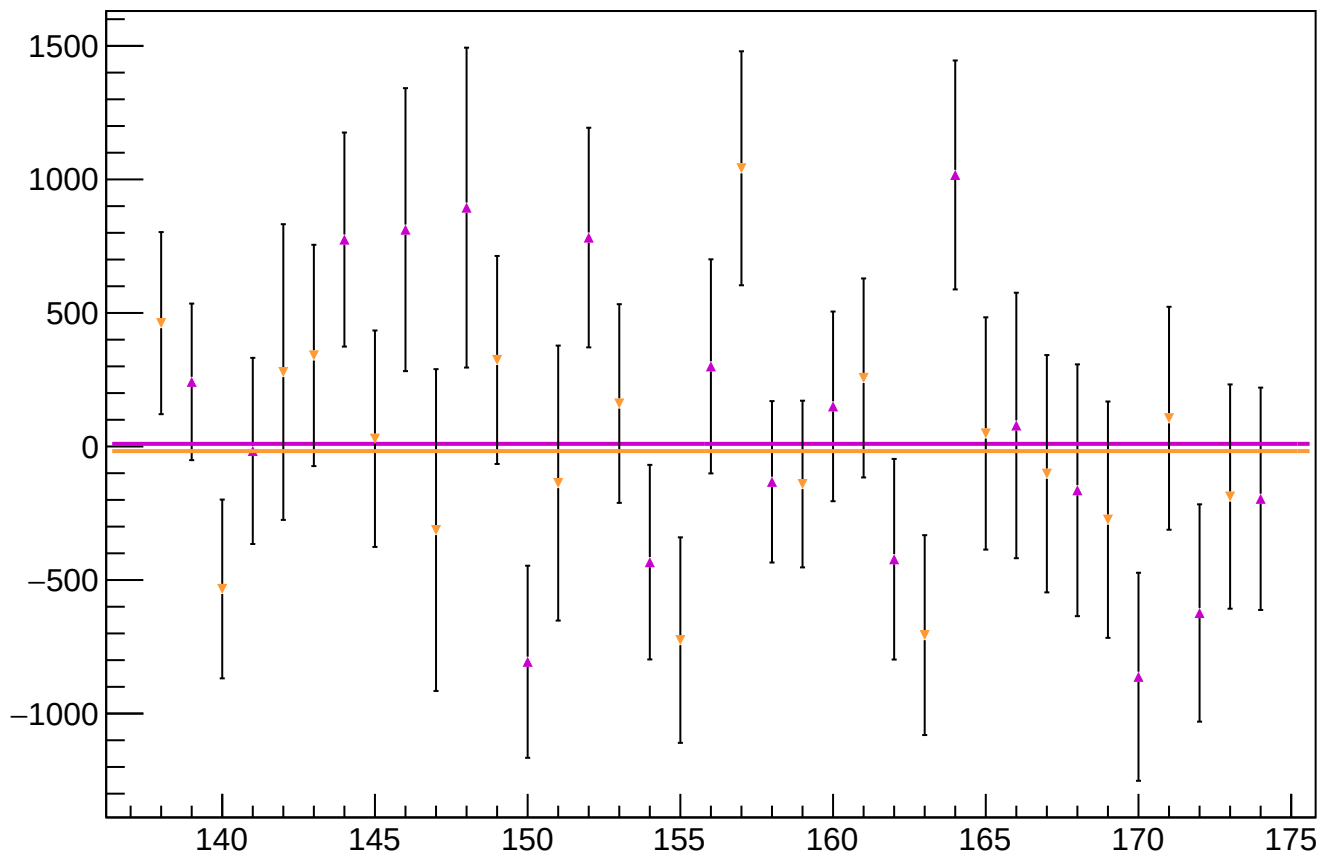
Left In: 83.021 ± 0.016 χ^2/NDF : 64502.0/17

+ sign 82.497 ± 0.013 χ^2/NDF : 1133369.2/35

All: 83.582 ± 0.009 χ^2/NDF : 2814433.4/72

- sign 84.724 ± 0.013 χ^2/NDF : 1666584.7/36

asym_sam1_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -17.306 $\pm$ 92.649 χ^2 /NDF:20.7/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

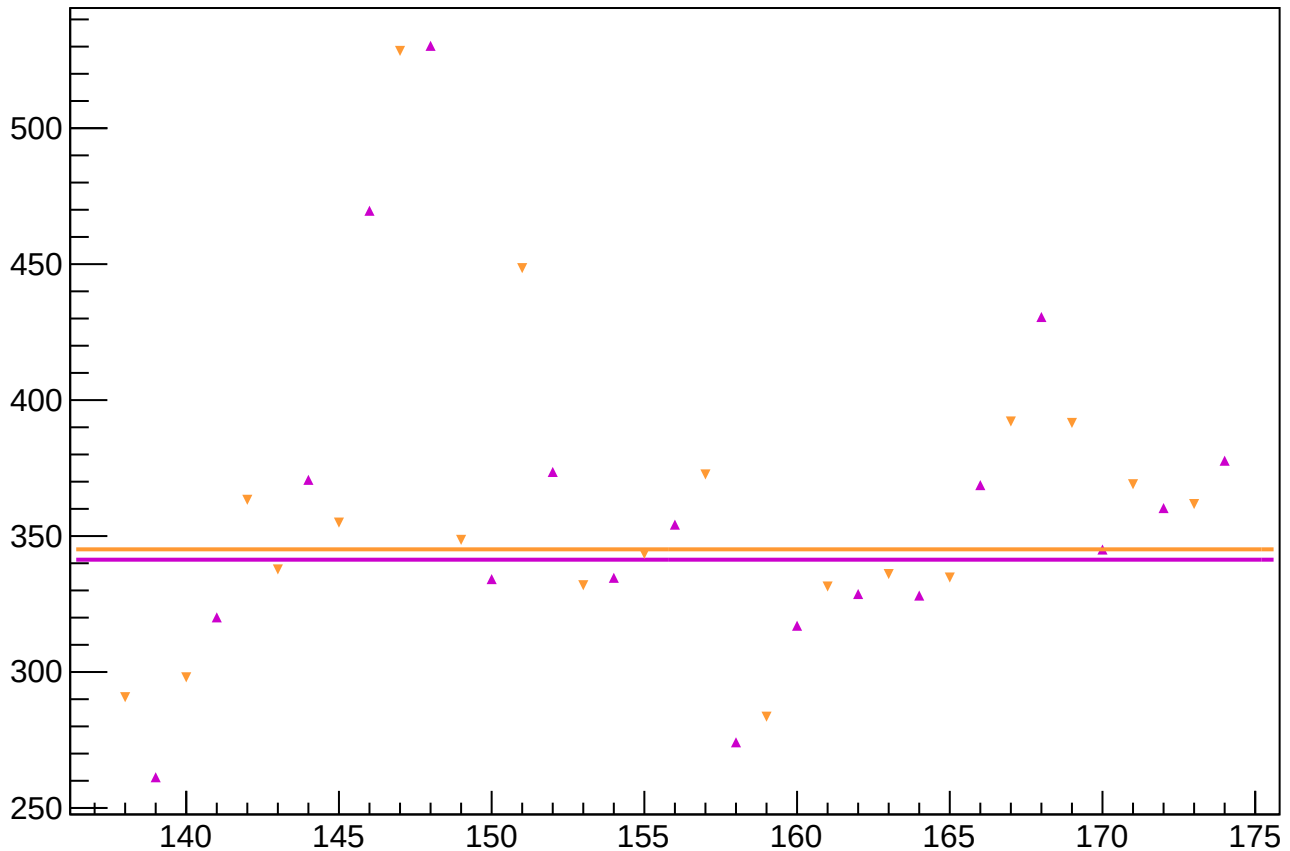
Left In: 9.948 $\pm$ 91.977 χ^2 /NDF:34.5/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.580 $\pm$ 65.274 χ^2 /NDF: 55.2/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_correction_rms vs Slug



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

Left Out: 345.118+/-0.066 χ^2/NDF : 507820.8/18

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

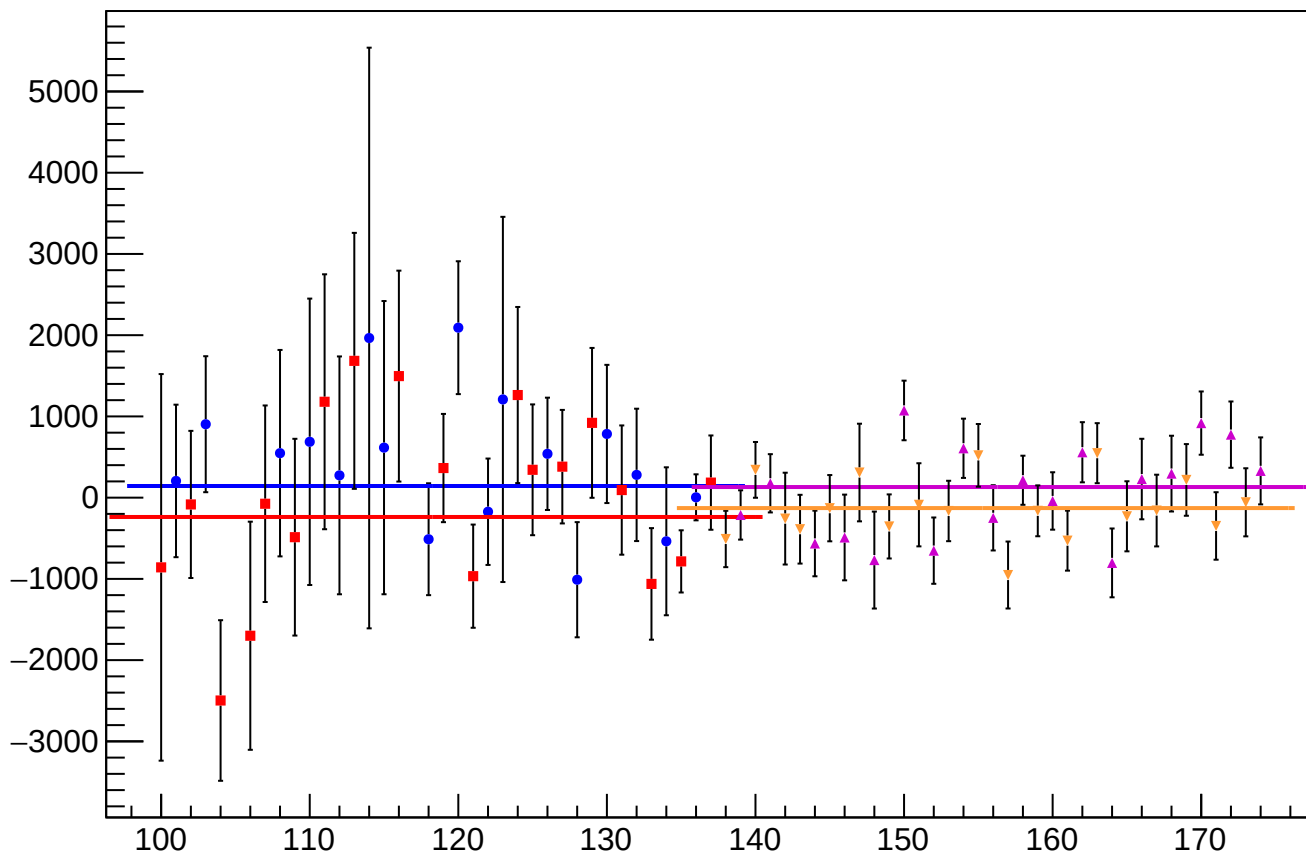
Left In: 341.310+/-0.065 χ^2/NDF : 709289.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.200+/-0.046 χ^2/NDF : 1218811.3/36

- 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: -128.368+/-92.705 χ^2/NDF : 16.7/18

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

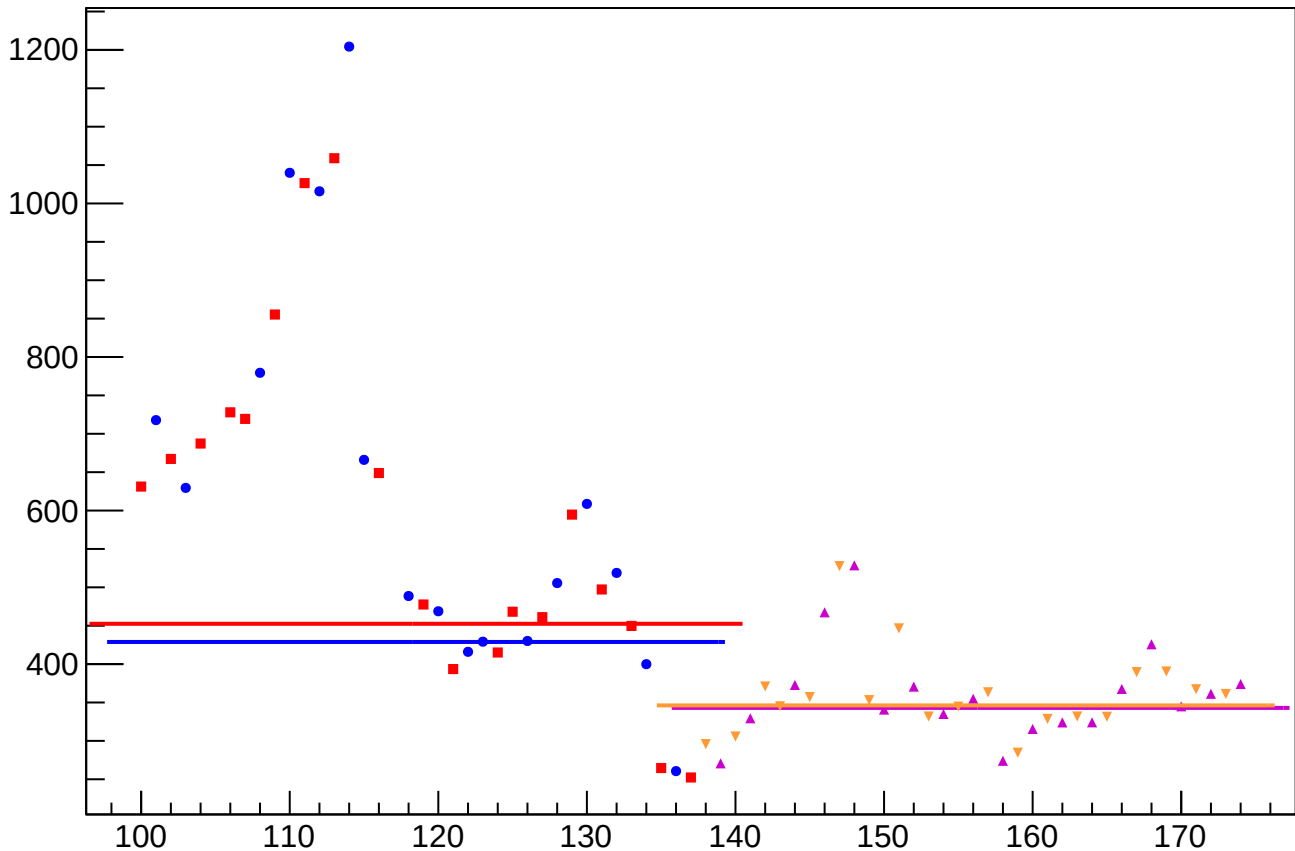
Left In: 130.737+/-92.333 χ^2/NDF : 34.3/17

+ sign -70.992+/-82.343 χ^2/NDF : 31.3/35

All: -7.340+/-58.289 χ^2/NDF : 91.7/72

- sign 56.595+/-82.525 χ^2/NDF : 59.2/36

asym_sam1_rms vs Slug



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

Left Out: 346.231+/-0.066 χ^2/NDF : 475895.4/18

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

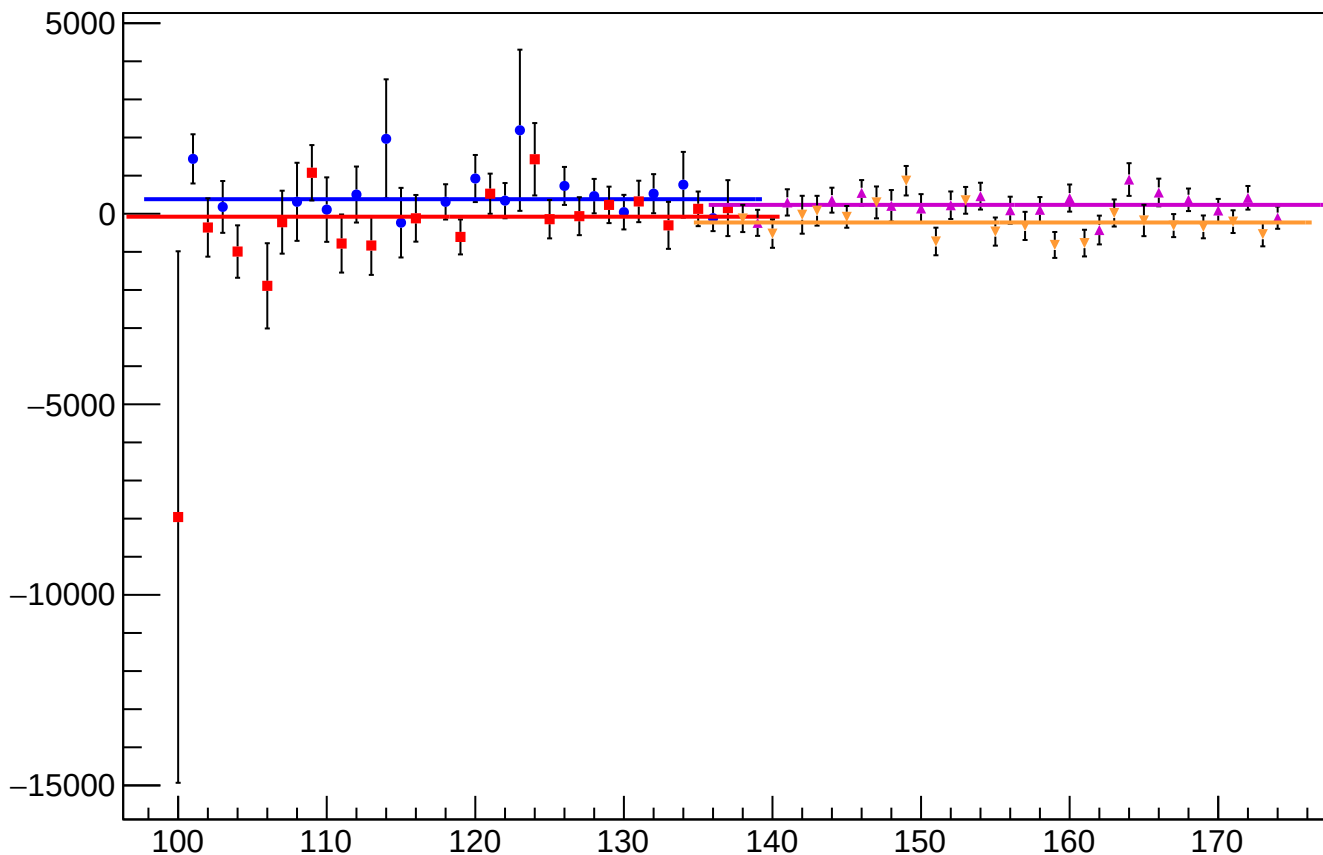
Left In: 342.959+/-0.065 χ^2/NDF : 652978.1/17

+ sign 363.669+/-0.058 χ^2/NDF : 2823530.7/35

All: 364.333+/-0.041 χ^2/NDF : 6082459.5/72

- sign 364.999+/-0.058 χ^2/NDF : 3258668.9/36

dit_asym_sam2_mean vs Slug



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

Left Out: -229.190 ± 80.423 χ^2/NDF : 23.5/18

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

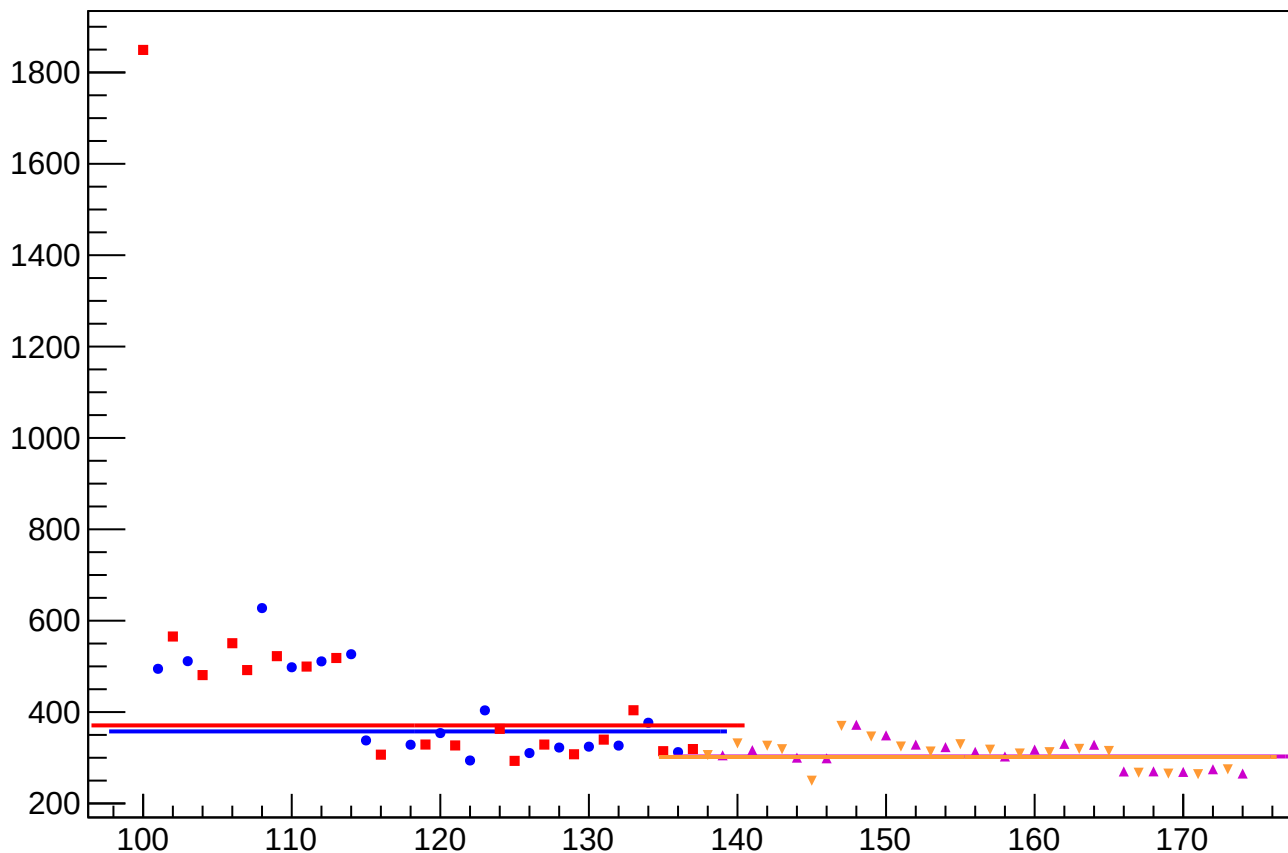
Left In: 232.865 ± 80.802 χ^2/NDF : 12.4/17

+ sign -79.495 ± 69.882 χ^2/NDF : 47.1/35

All: 38.431 ± 49.598 χ^2/NDF : 85.6/72

- sign 158.127 ± 70.404 χ^2/NDF : 32.7/36

dit_asym_sam2_rms vs Slug



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

Left Out: 301.680 $\pm$ 0.057 χ^2 /NDF: 304859.5/18

Right Out: 370.794 $\pm$ 0.101 χ^2 /NDF: 784786.3/18

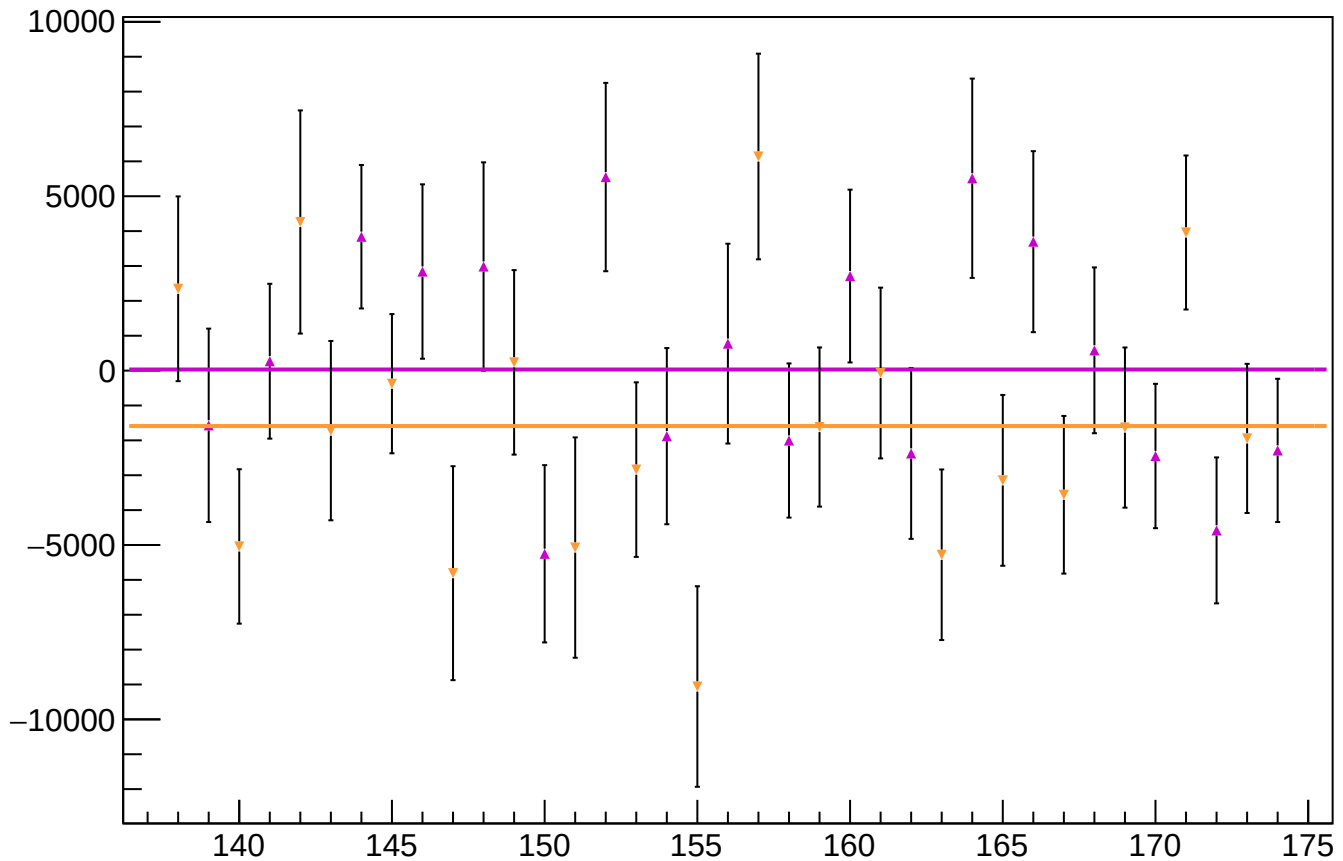
Left In: 302.816 $\pm$ 0.057 χ^2 /NDF: 244711.4/17

+ sign 315.394 $\pm$ 0.049 χ^2 /NDF: 1171949.1/35

All: 317.276 $\pm$ 0.035 χ^2 /NDF: 2545244.5/72

- sign 319.186 $\pm$ 0.050 χ^2 /NDF: 1370372.2/36

asym_sam2_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1589.156 $\pm$ 568.561 χ^2 /NDF:36.0/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

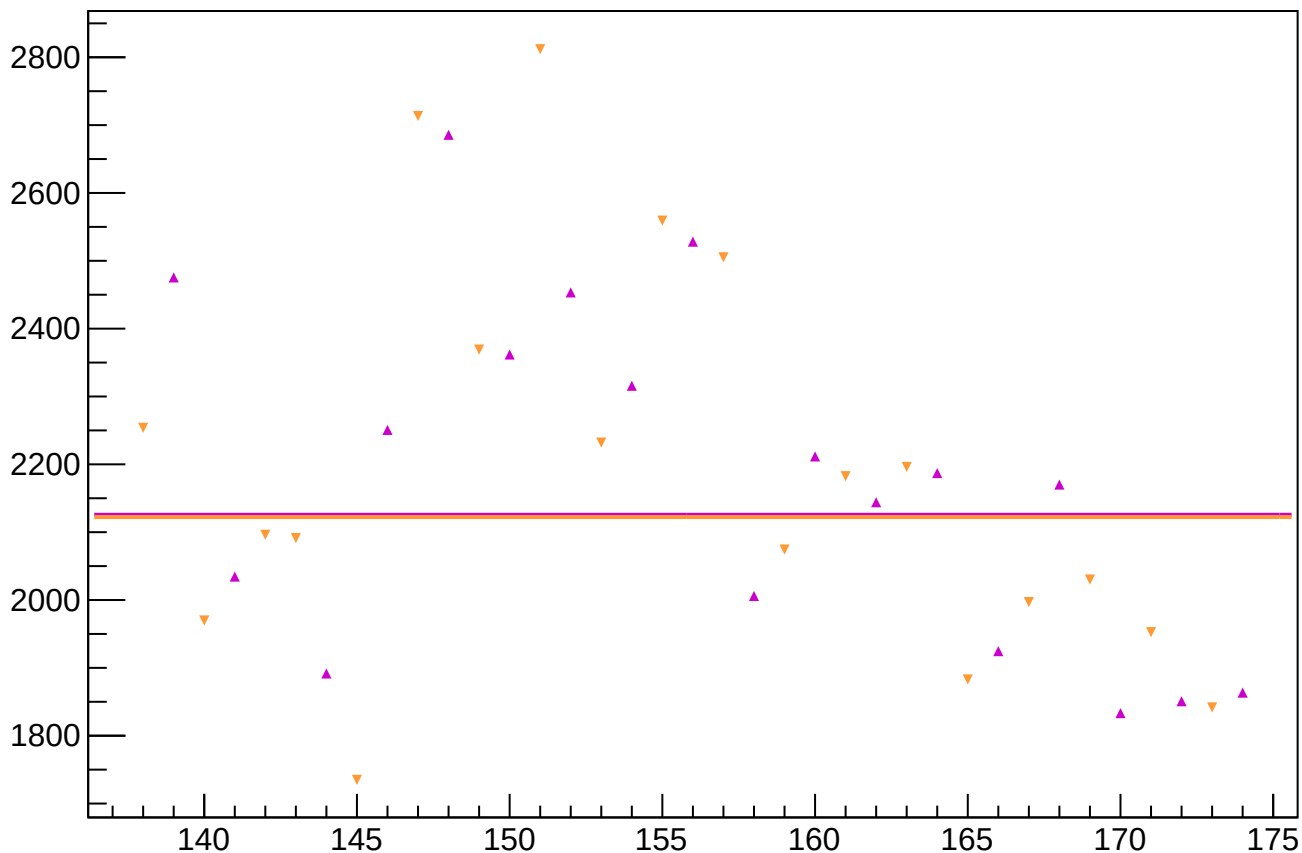
Left In: 31.684 $\pm$ 568.618 χ^2 /NDF:31.4/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -778.816 $\pm$ 402.053 χ^2 /NDF: 71.5/36

- sign 0.000 $\pm$ 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: 2122.286+/-0.402 χ^2/NDF : 439585.6/18

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

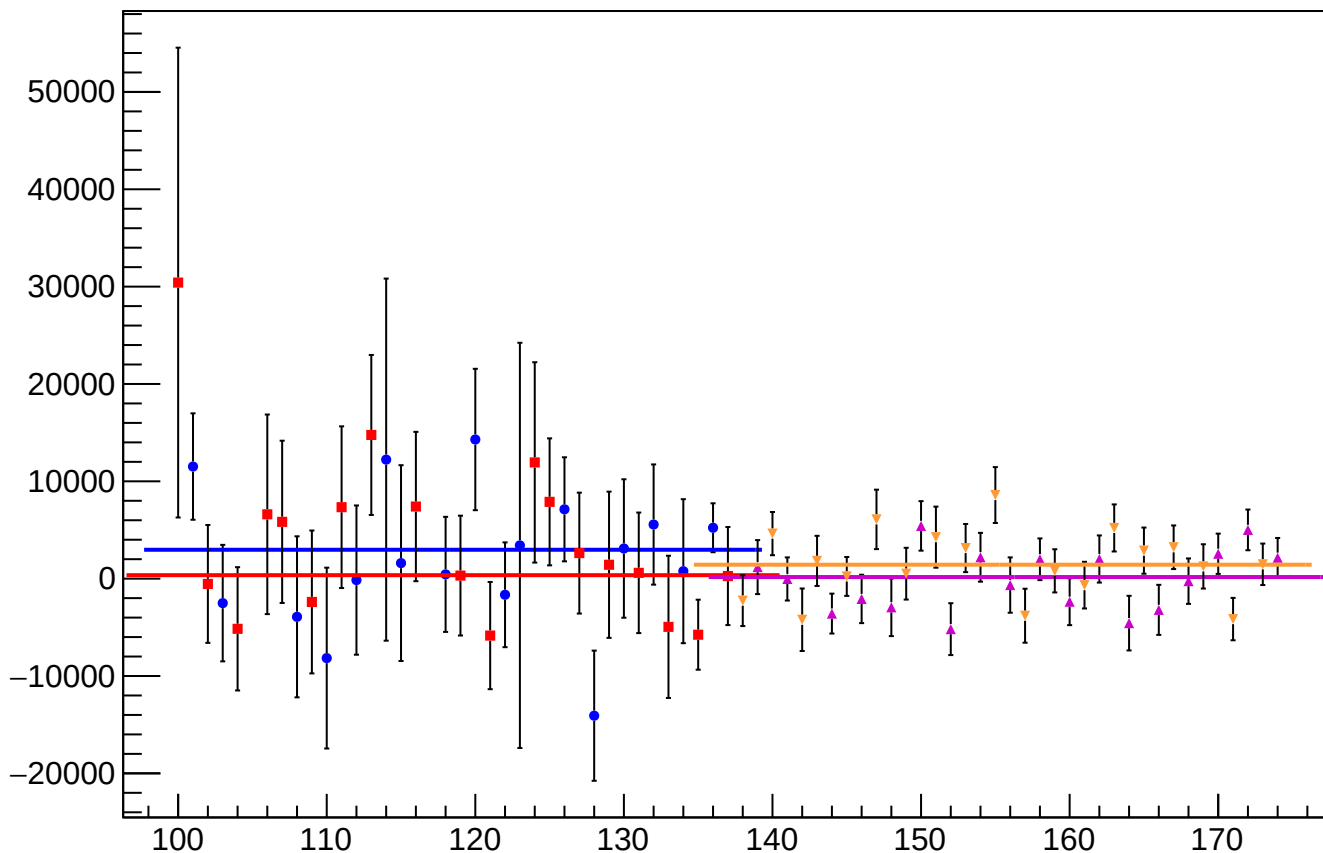
Left In: 2125.628+/-0.402 χ^2/NDF : 362996.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2123.957+/-0.284 χ^2/NDF : 802616.4/36

- 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: 1434.233 ± 562.249 χ^2/NDF : 32.0/18

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

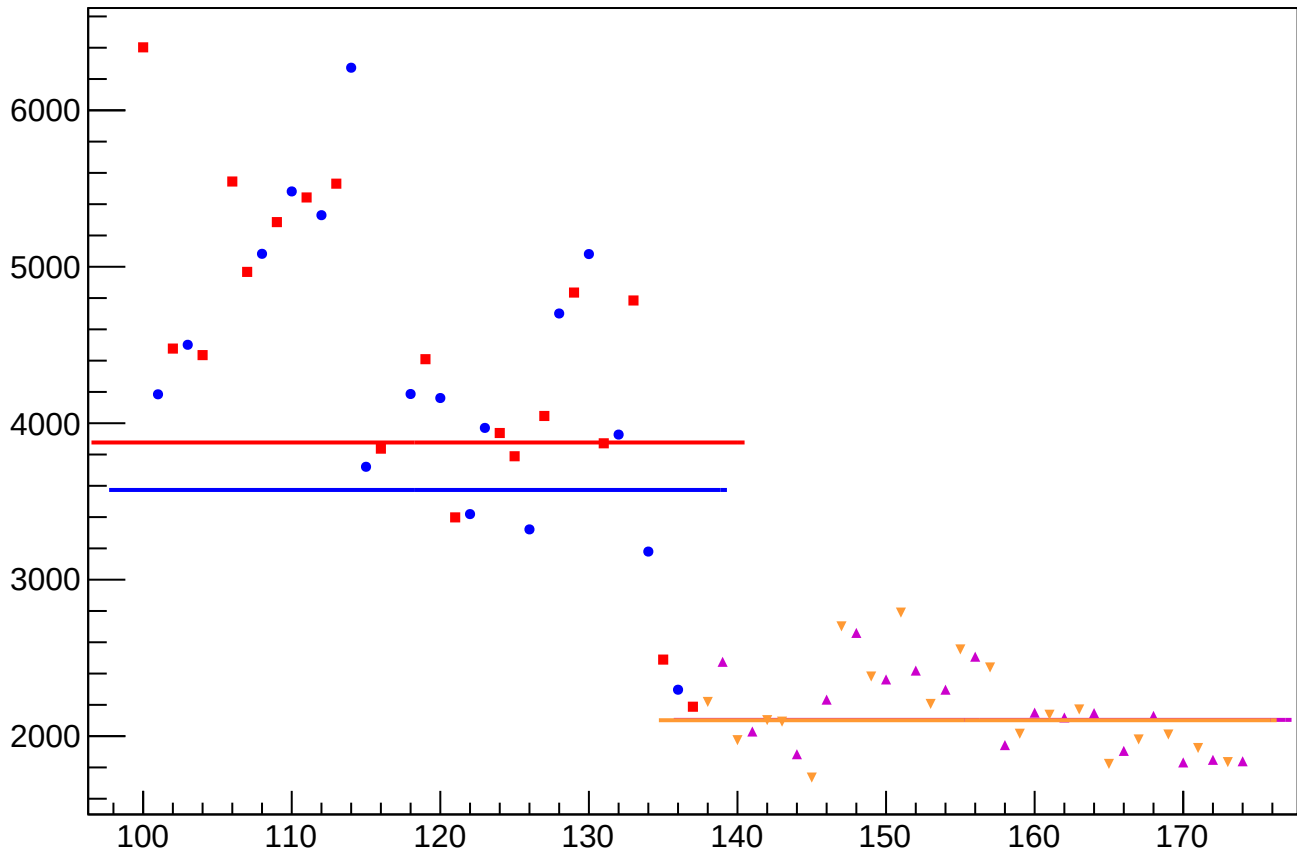
Left In: 166.317 ± 563.006 χ^2/NDF : 29.1/17

+ sign 1637.156 ± 523.765 χ^2/NDF : 50.3/35

All: 918.527 ± 371.638 χ^2/NDF : 98.6/72

- sign 189.876 ± 527.405 χ^2/NDF : 44.5/36

asym_sam2_rms vs Slug



Right In: 3573.470 ± 1.019 $\chi^2/\text{NDF}: 1088731.5/16$

Left Out: 2101.685 ± 0.398 $\chi^2/\text{NDF}: 443189.8/18$

Right Out: 3876.914 ± 1.066 $\chi^2/\text{NDF}: 988409.8/18$

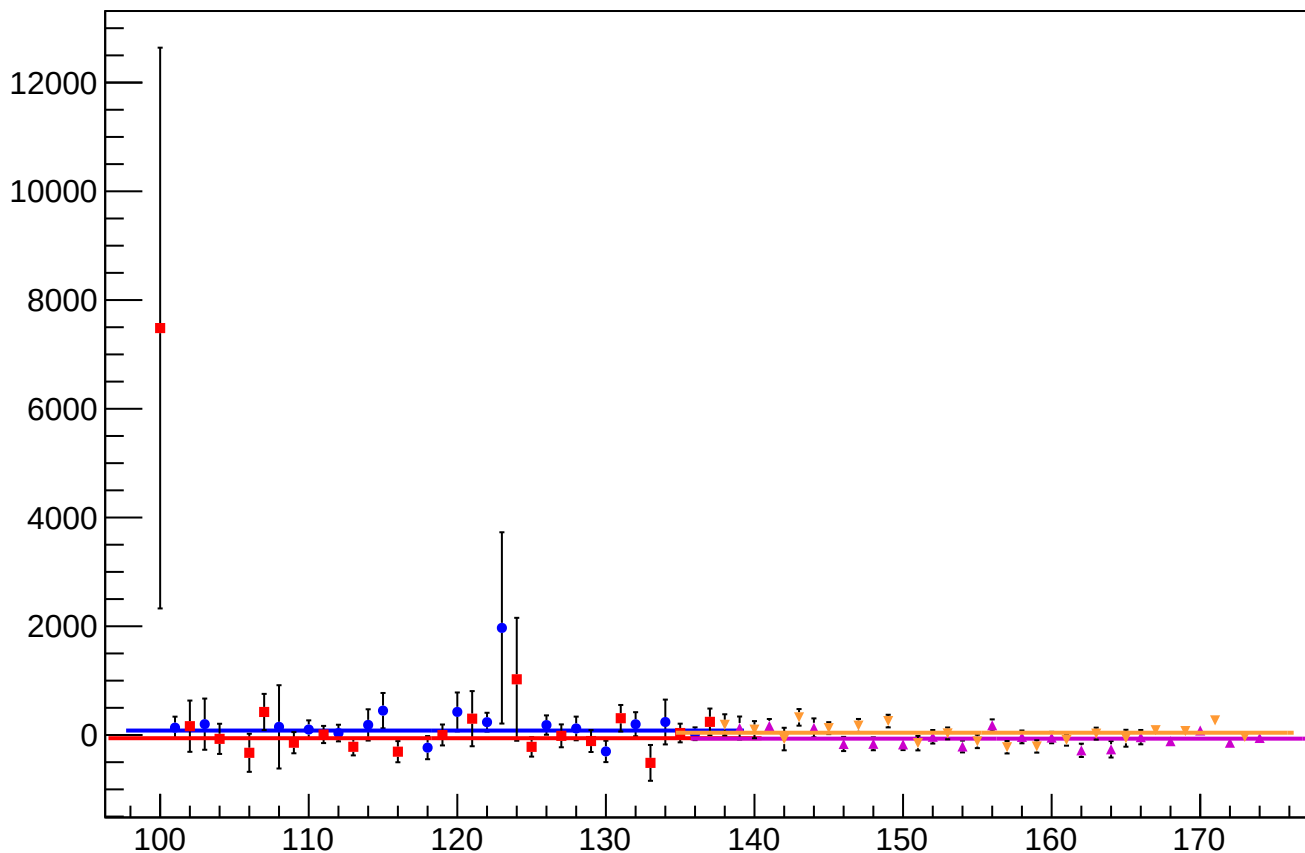
Left In: 2103.952 ± 0.398 $\chi^2/\text{NDF}: 361065.7/17$

+ sign 2296.265 ± 0.370 $\chi^2/\text{NDF}: 3343740.3/35$

All: 2308.589 ± 0.263 $\chi^2/\text{NDF}: 7124448.4/72$

- sign 2321.084 ± 0.373 $\chi^2/\text{NDF}: 3778478.3/36$

dit_asym_sam3_mean vs Slug



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

Left Out: 41.849 ± 25.770 χ^2/NDF : 34.4/18

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

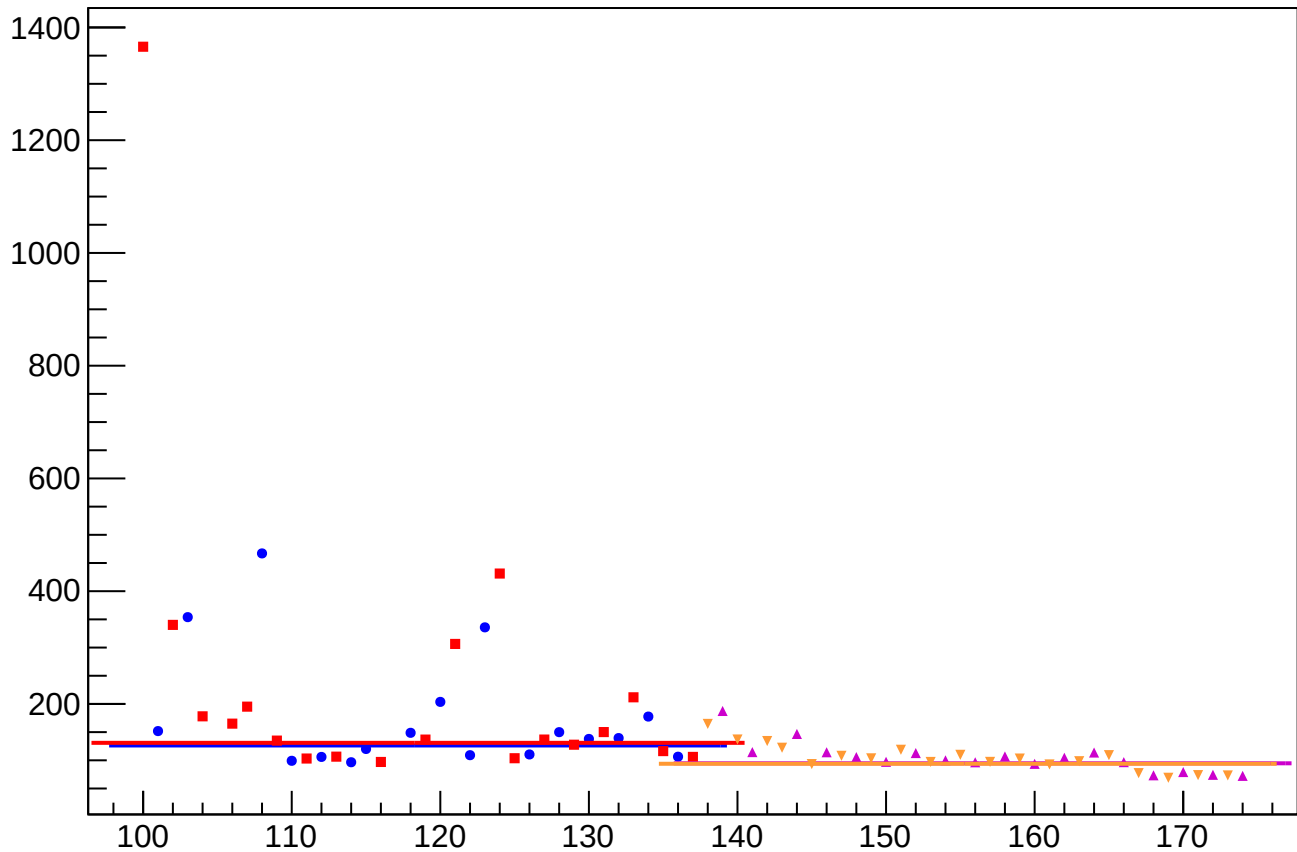
Left In: -67.122 ± 26.110 χ^2/NDF : 23.4/17

+ sign 49.759 ± 23.082 χ^2/NDF : 46.4/35

All: -7.015 ± 16.445 χ^2/NDF : 98.5/72

- sign -65.545 ± 23.436 χ^2/NDF : 39.8/36

dit_asym_sam3_rms vs Slug



Right In: 126.339 $\pm$ 0.037 χ^2 /NDF: 1310585.0/16

Left Out: 93.877 $\pm$ 0.018 χ^2 /NDF:1248885.2/18

Right Out: 131.007 $\pm$ 0.038 χ^2 /NDF: 1429260.8/18

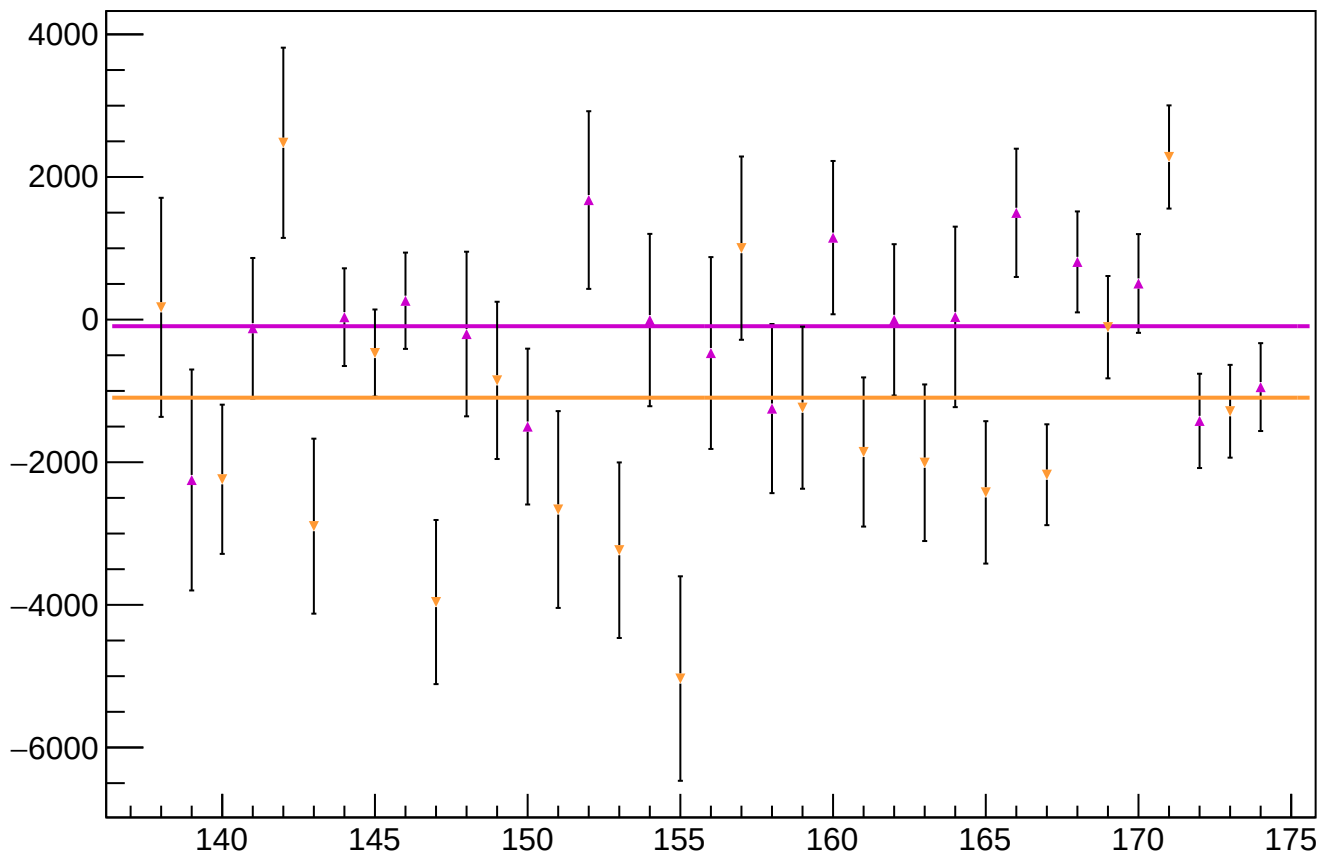
Left In: 94.697 $\pm$ 0.018 χ^2 /NDF:1257696.8/17

+ sign 100.296 $\pm$ 0.016 χ^2 /NDF: 3187015.8/35

All: 101.013 $\pm$ 0.012 χ^2 /NDF: 6629506.9/72

- sign 101.753 $\pm$ 0.017 χ^2 /NDF: 3438569.3/36

asym_sam3_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1094.801 $\pm$ 219.091 χ^2 /NDF: 62.1/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

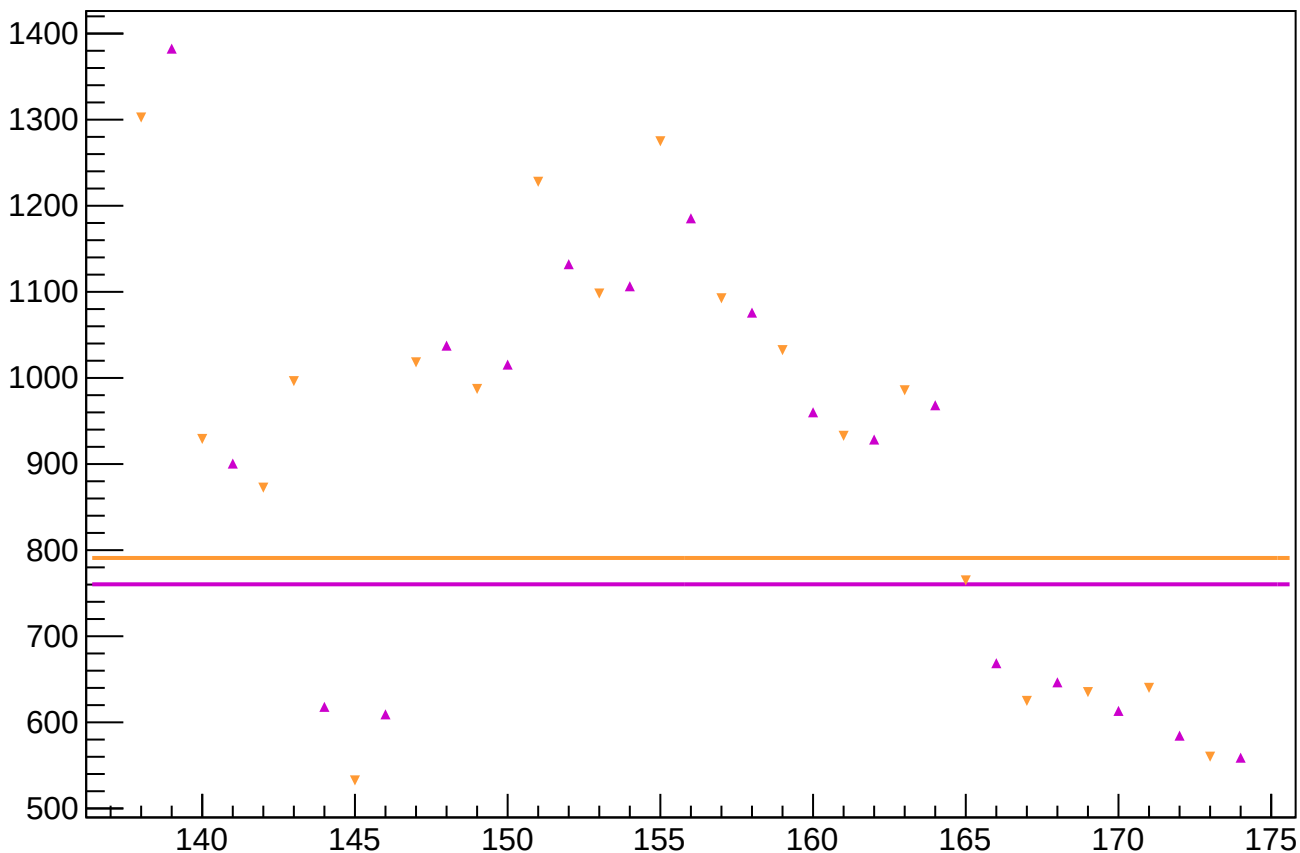
Left In: -92.538 $\pm$ 210.480 χ^2 /NDF: 19.8/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -573.585 $\pm$ 151.785 χ^2 /NDF: 92.8/36

- sign 0.000 $\pm$ 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: 790.921+/-0.155 χ^2/NDF :2216952.7/18

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

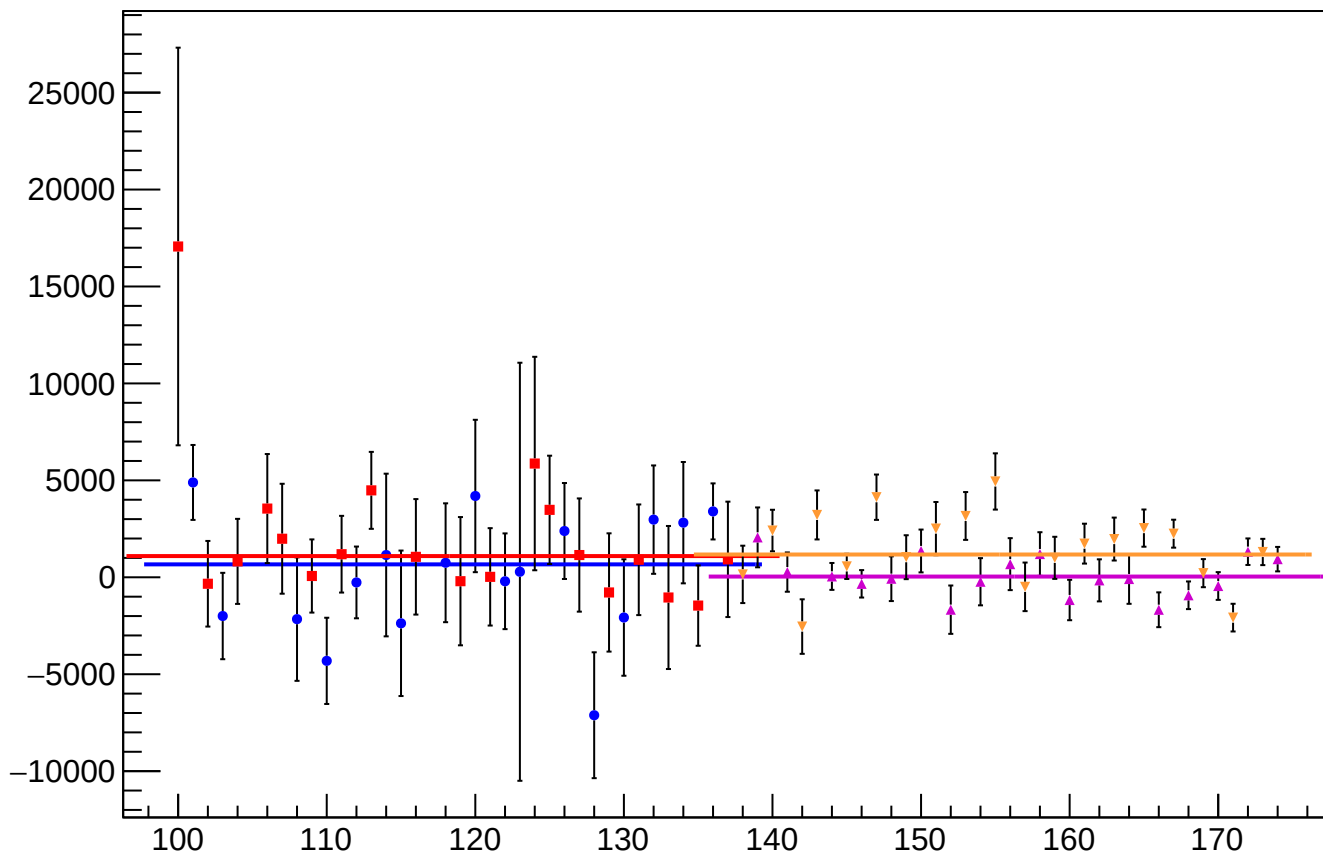
Left In: 760.319+/-0.149 χ^2/NDF :2148713.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.007+/-0.107 χ^2/NDF : 4385956.9/36

- 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: 1175.030 ± 221.954 χ^2/NDF : 58.4/18

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

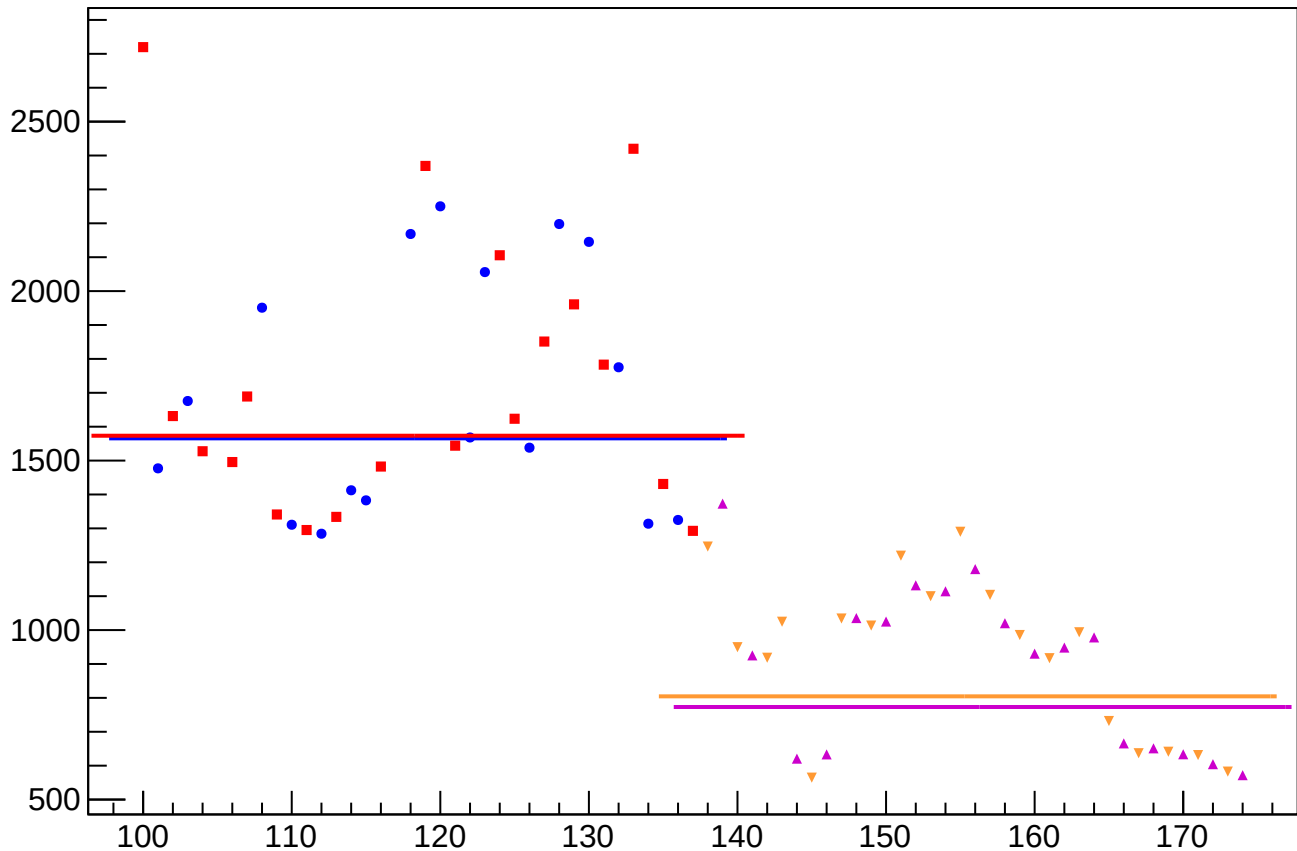
Left In: 37.517 ± 213.727 χ^2/NDF : 19.6/17

+ sign 1117.064 ± 208.923 χ^2/NDF : 84.7/35

All: 618.783 ± 145.011 χ^2/NDF : 128.9/72

- sign 155.583 ± 201.434 χ^2/NDF : 33.3/36

asym_sam3_rms vs Slug



Right In: 1565.623 $\pm$ 0.438 χ^2 /NDF: 490790.2/16

Left Out: 804.495 $\pm$ 0.157 χ^2 /NDF: 2033705.3/18

Right Out: 1573.366 $\pm$ 0.426 χ^2 /NDF: 462040.3/18

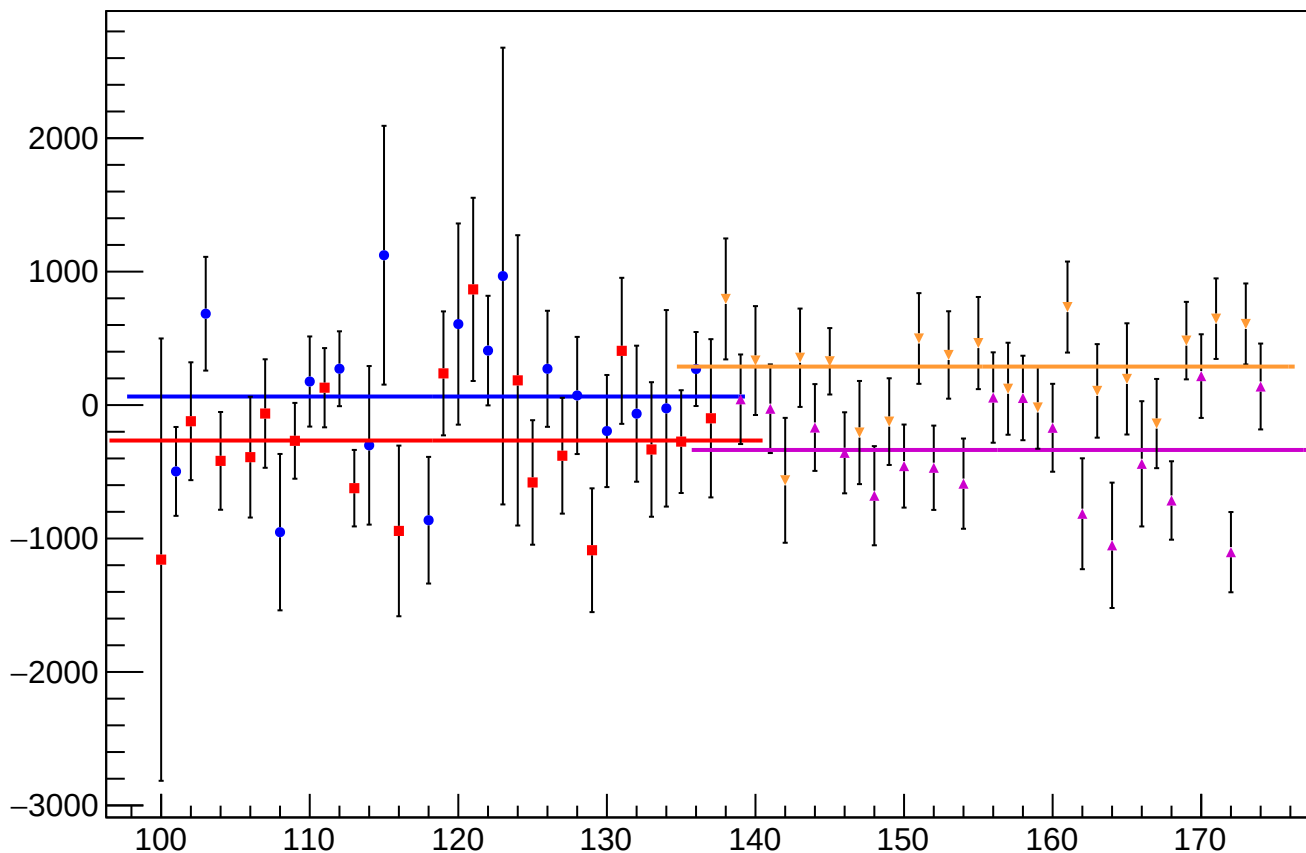
Left In: 773.082 $\pm$ 0.151 χ^2 /NDF: 1970397.6/17

+ sign 891.245 $\pm$ 0.148 χ^2 /NDF: 5205115.3/35

All: 876.345 $\pm$ 0.103 χ^2 /NDF: 10790115.0/72

- sign 862.493 $\pm$ 0.142 χ^2 /NDF: 5565369.4/36

dit_asym_sam4_mean vs Slug



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

Left Out: 288.376 ± 77.732 χ^2/NDF : 16.4/18

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

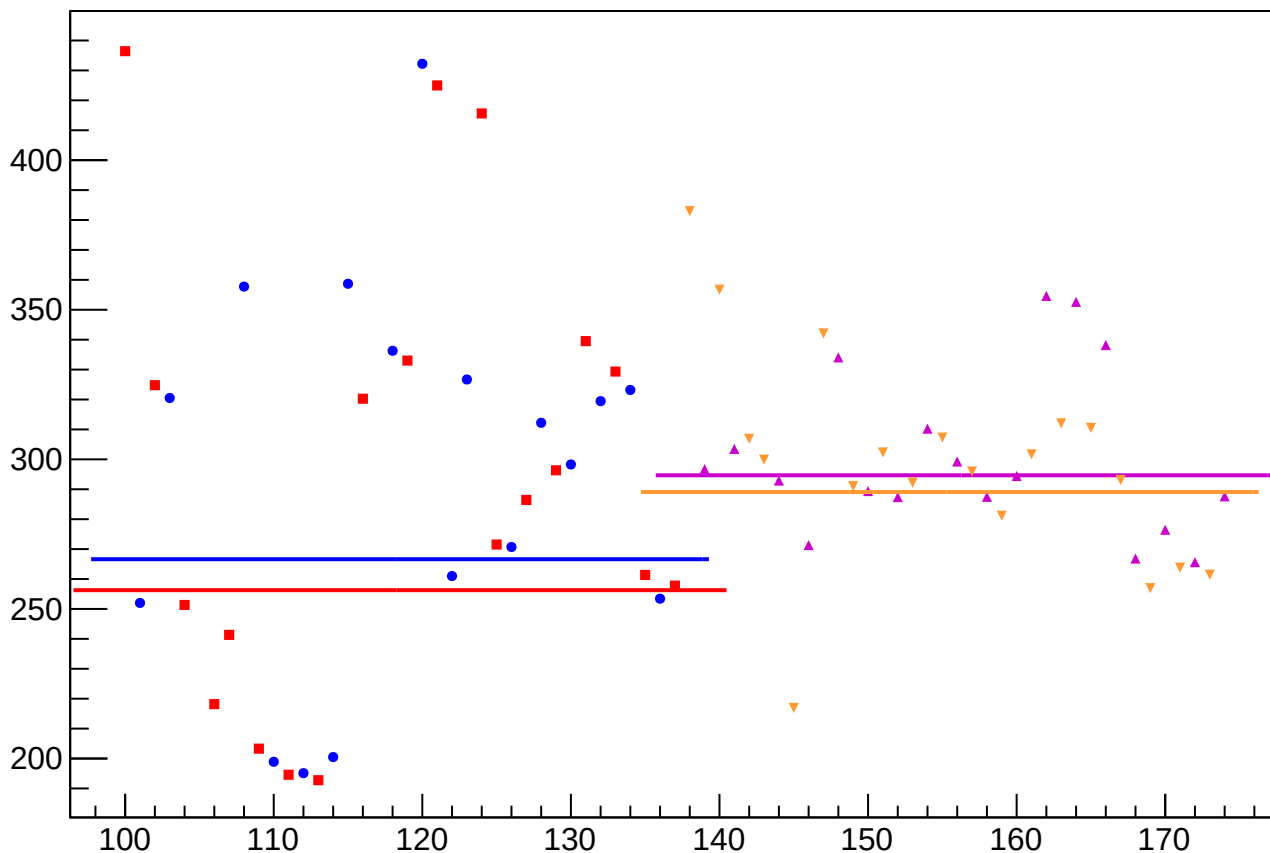
Left In: -336.392 ± 79.099 χ^2/NDF : 24.4/17

+ sign 209.299 ± 62.546 χ^2/NDF : 36.1/35

All: -52.568 ± 43.993 χ^2/NDF : 110.2/72

- sign -308.961 ± 61.889 χ^2/NDF : 39.4/36

dit_asym_sam4_rms vs Slug



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 289.083 $\pm$ 0.055 χ^2 /NDF: 433991.3/18

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

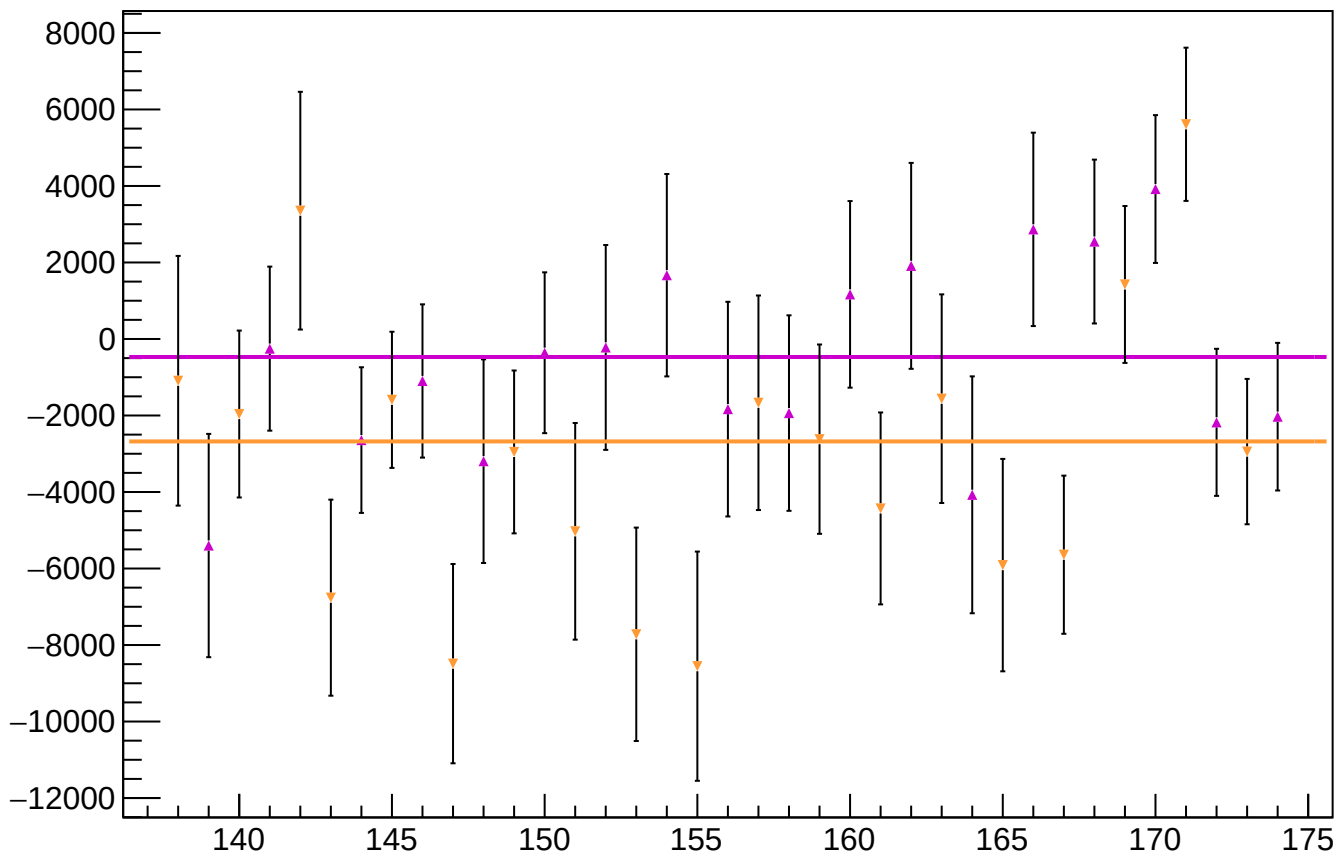
Left In: 294.675 $\pm$ 0.056 χ^2 /NDF: 176751.8/17

+ sign 281.165 $\pm$ 0.044 χ^2 /NDF: 1043603.5/35

All: 280.465 $\pm$ 0.031 χ^2 /NDF: 2100611.5/72

- sign 279.780 $\pm$ 0.044 χ^2 /NDF: 1056512.9/36

asym_sam4_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -2677.844 $\pm$ 548.816 χ^2 /NDF:45.2/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

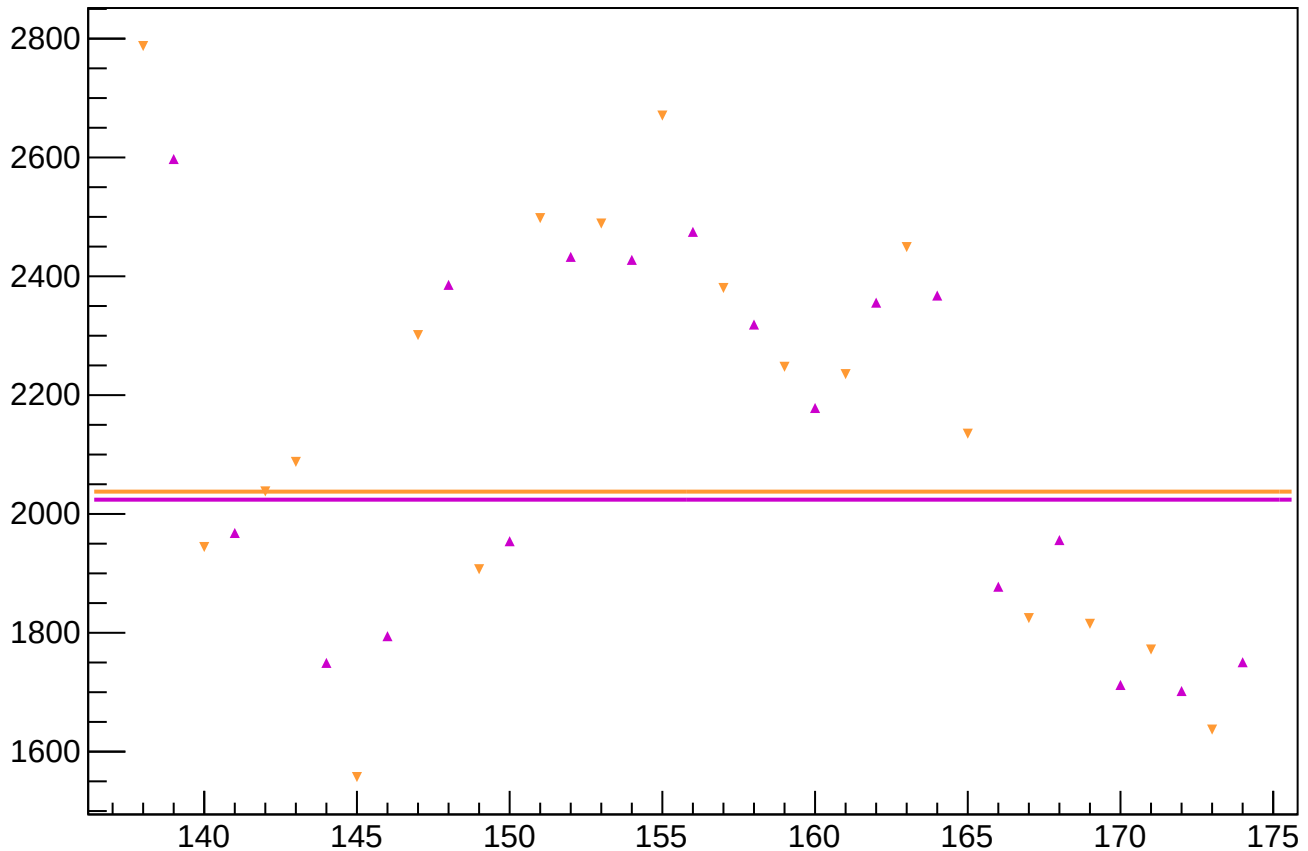
Left In: -470.673 $\pm$ 543.745 χ^2 /NDF:19.5/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1564.014 $\pm$ 386.266 χ^2 /NDF: 72.8/36

- sign 0.000 $\pm$ 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: 2037.601+/-0.388 χ^2/NDF : 751752.5/18

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

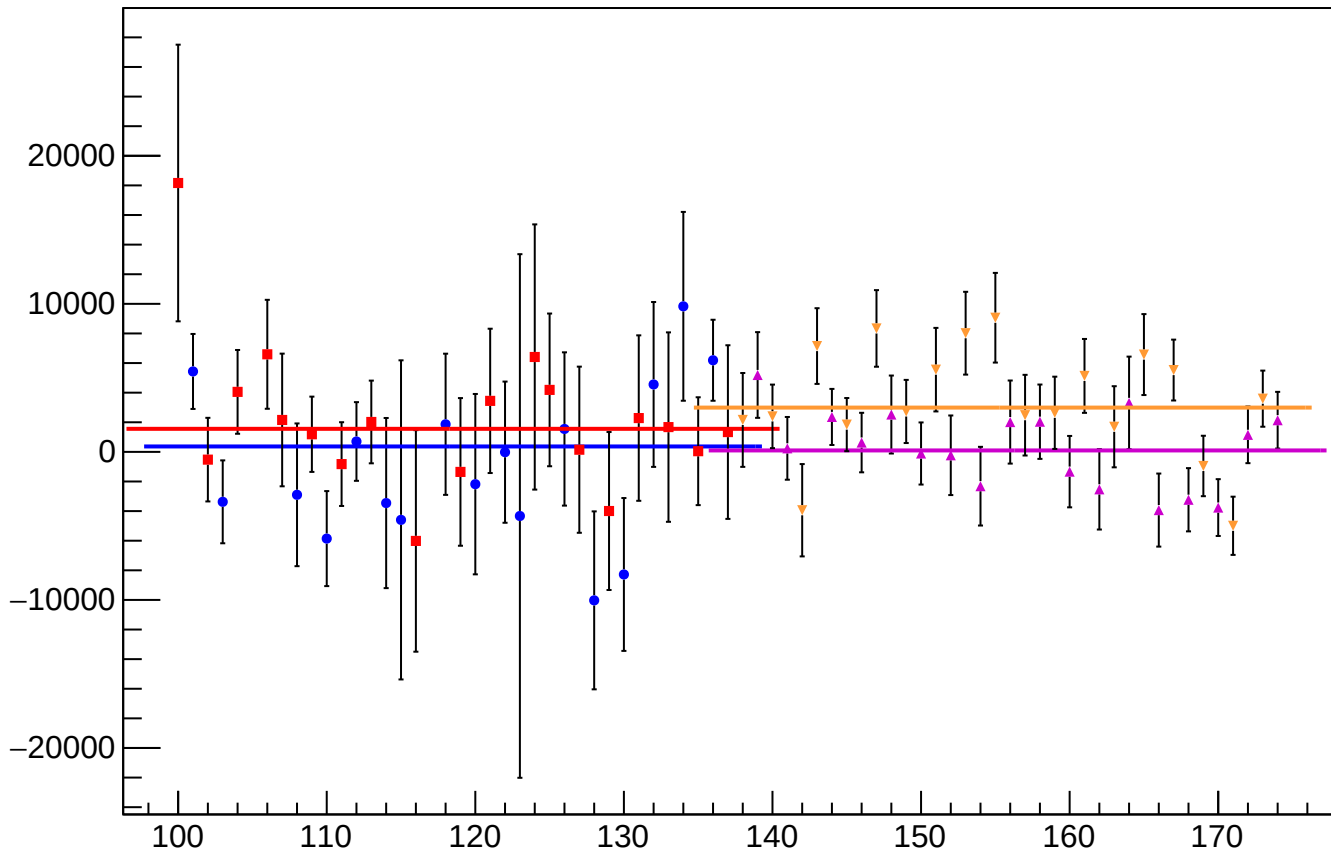
Left In: 2024.054+/-0.384 χ^2/NDF : 577179.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2030.765+/-0.273 χ^2/NDF : 1329547.3/30

- 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: 2991.686+/-545.674 χ^2/NDF : 45.1/18

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

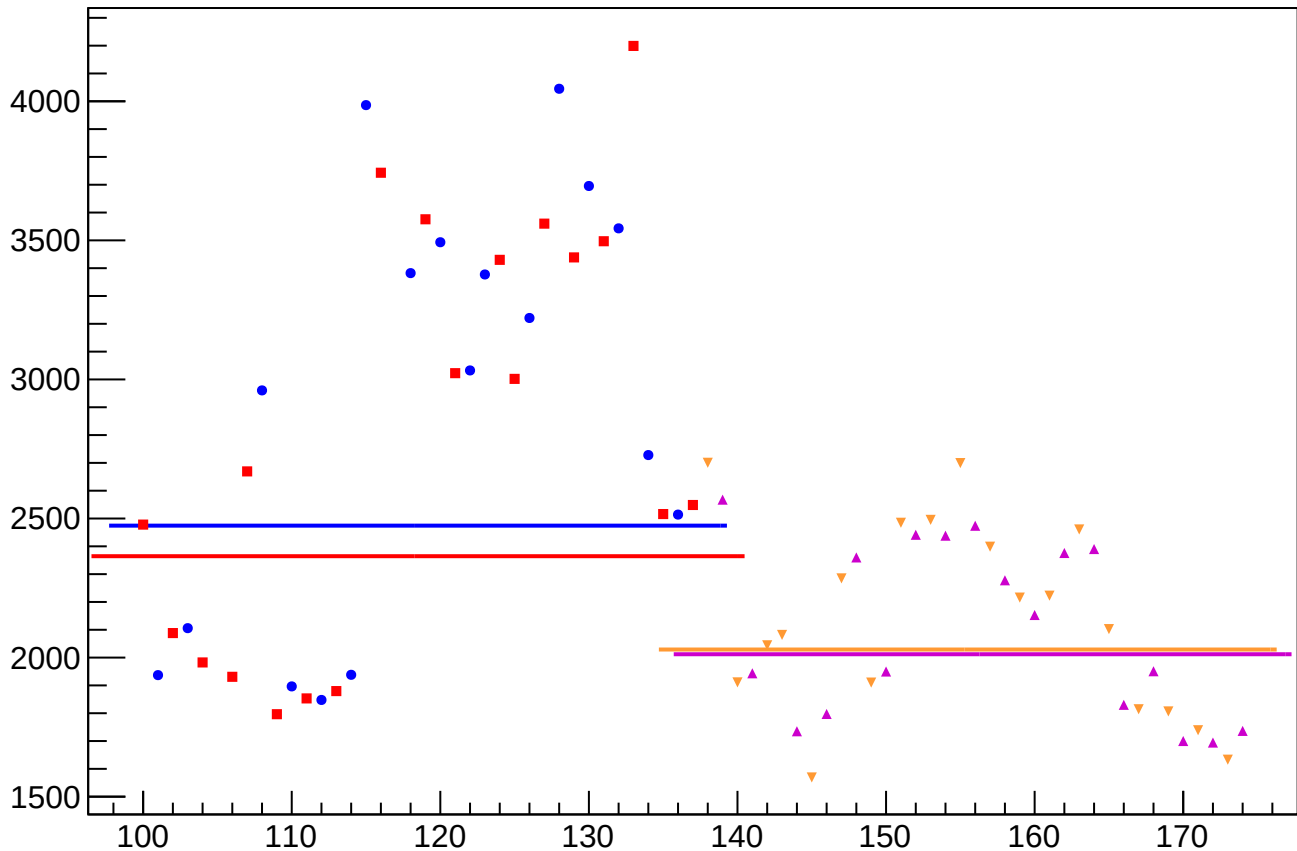
Left In: 97.748+/-541.065 χ^2/NDF : 20.3/17

+ sign 2382.313+/-478.167 χ^2/NDF : 74.6/35

All: 1403.602+/-334.063 χ^2/NDF : 115.5/72

- sign 470.447+/-466.906 χ^2/NDF : 32.7/36

asym_sam4_rms vs Slug



Right In: 2474.389 $\pm$ 0.702 χ^2 /NDF: 906262.1/16

Left Out: 2029.021 $\pm$ 0.386 χ^2 /NDF: 747504.4/18

Right Out: 2364.507 $\pm$ 0.653 χ^2 /NDF: 1023402.8/18

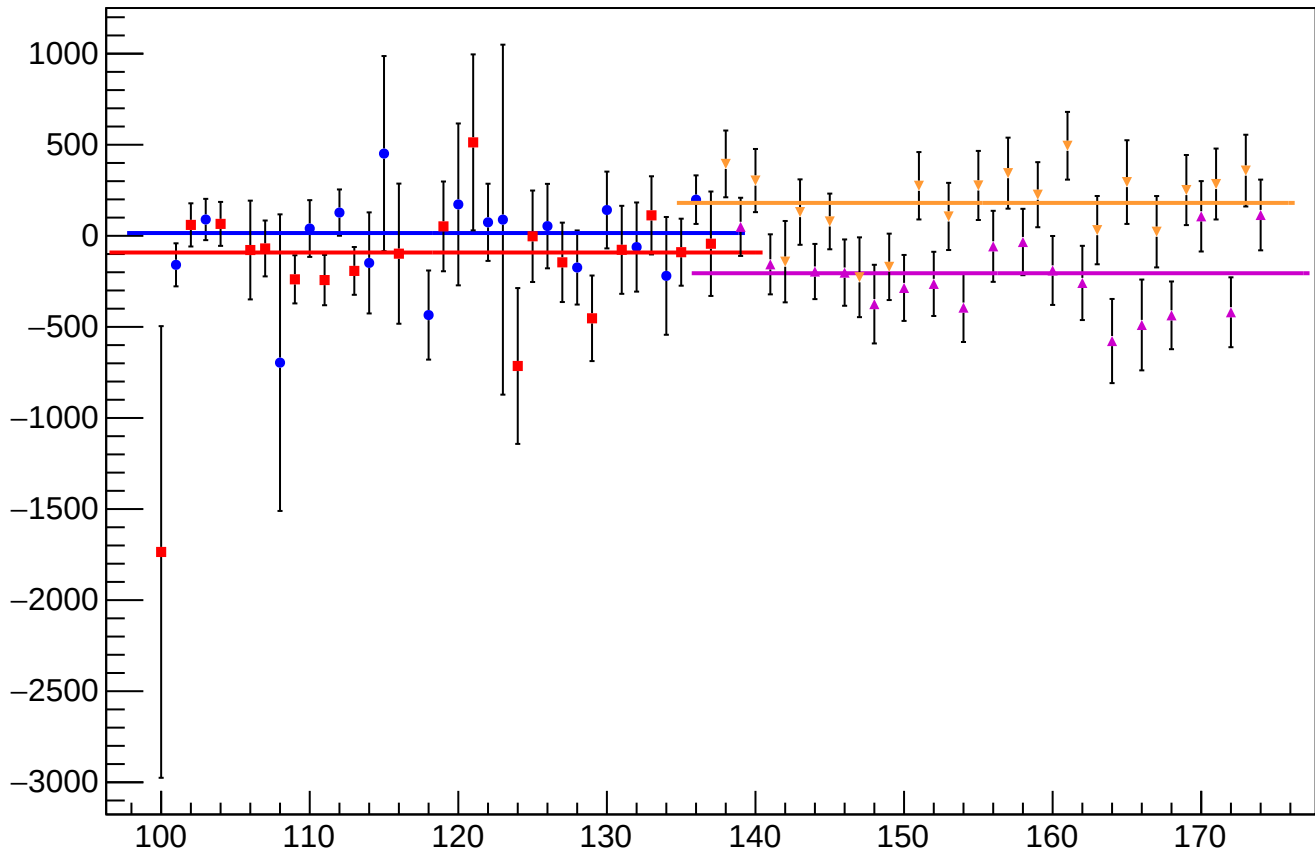
Left In: 2012.045 $\pm$ 0.383 χ^2 /NDF: 591077.5/17

+ sign 2132.401 $\pm$ 0.338 χ^2 /NDF: 1963020.7/35

All: 2116.859 $\pm$ 0.236 χ^2 /NDF: 3798333.1/72

- sign 2102.041 $\pm$ 0.330 χ^2 /NDF: 1831185.2/36

dit_asym_sam5_mean vs Slug



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

Left Out: 180.721+/-43.296 χ^2/NDF : 18.7/18

Right Out: -91.634+/-43.318 χ^2/NDF : 15.7/18

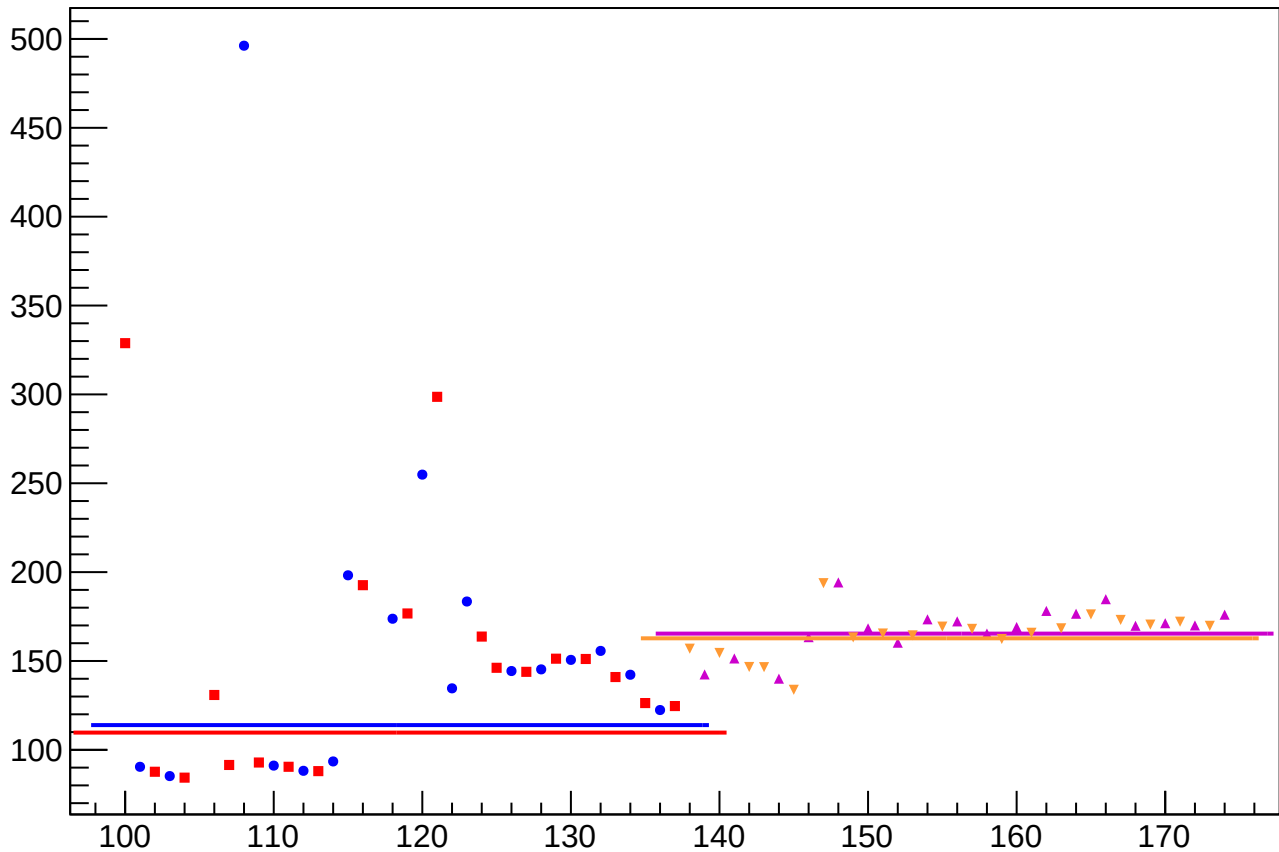
Left In: -205.368+/-44.077 χ^2/NDF : 18.1/17

+ sign 103.806+/-31.669 χ^2/NDF : 38.1/35

All: -24.962+/-22.115 χ^2/NDF : 107.5/72

- sign -147.514+/-30.895 χ^2/NDF : 37.2/36

dit_asym_sam5_rms vs Slug



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 162.756 $\pm$ 0.031 χ^2 /NDF:174904.9/18

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

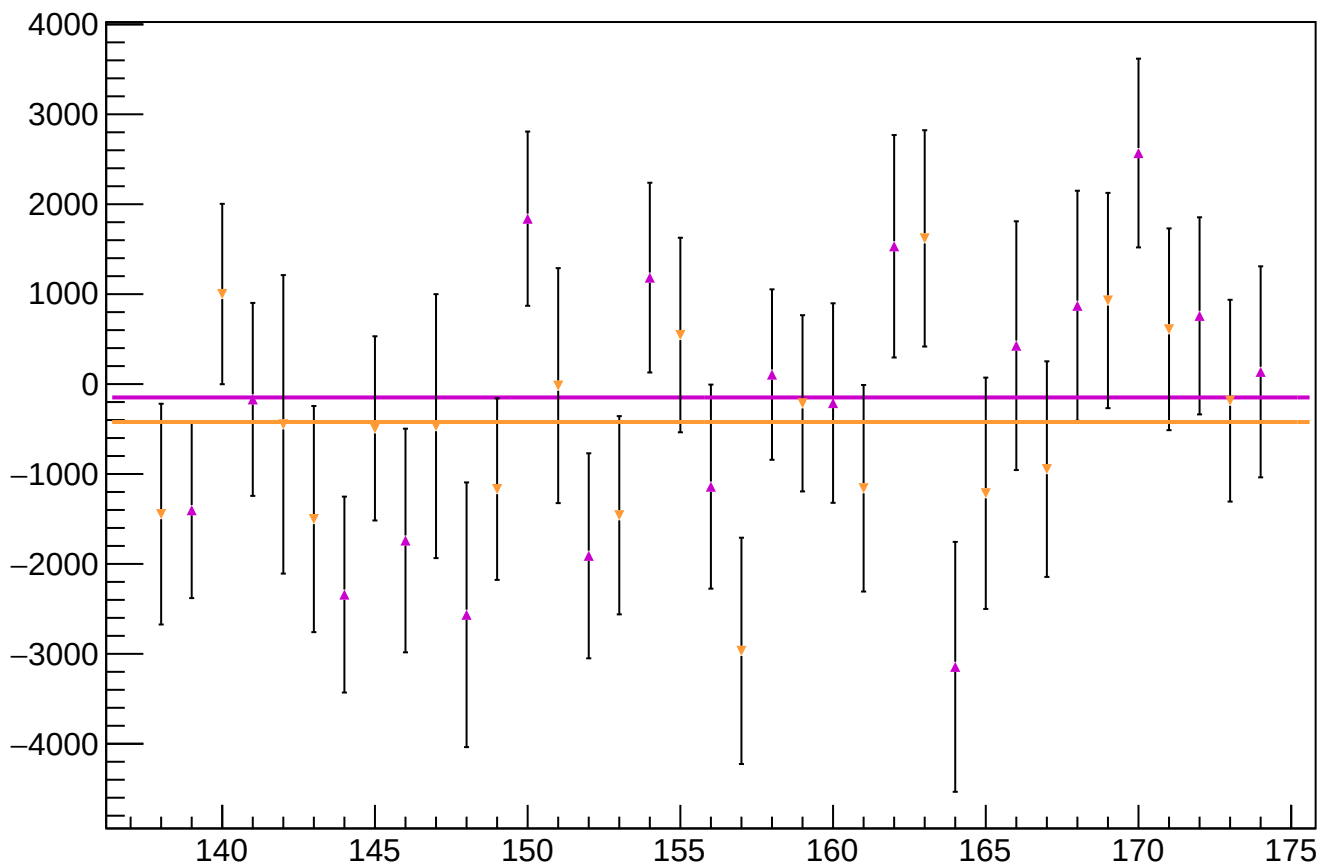
Left In: 165.402 $\pm$ 0.031 χ^2 /NDF:191465.4/17

+ sign 140.054 $\pm$ 0.022 χ^2 /NDF: 2765338.8/35

All: 138.526 $\pm$ 0.016 χ^2 /NDF: 5832160.0/72

- sign 137.073 $\pm$ 0.022 χ^2 /NDF: 3057737.9/36

asym_sam5_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -421.664 $\pm$ 267.029 χ^2 /NDF:15.9/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

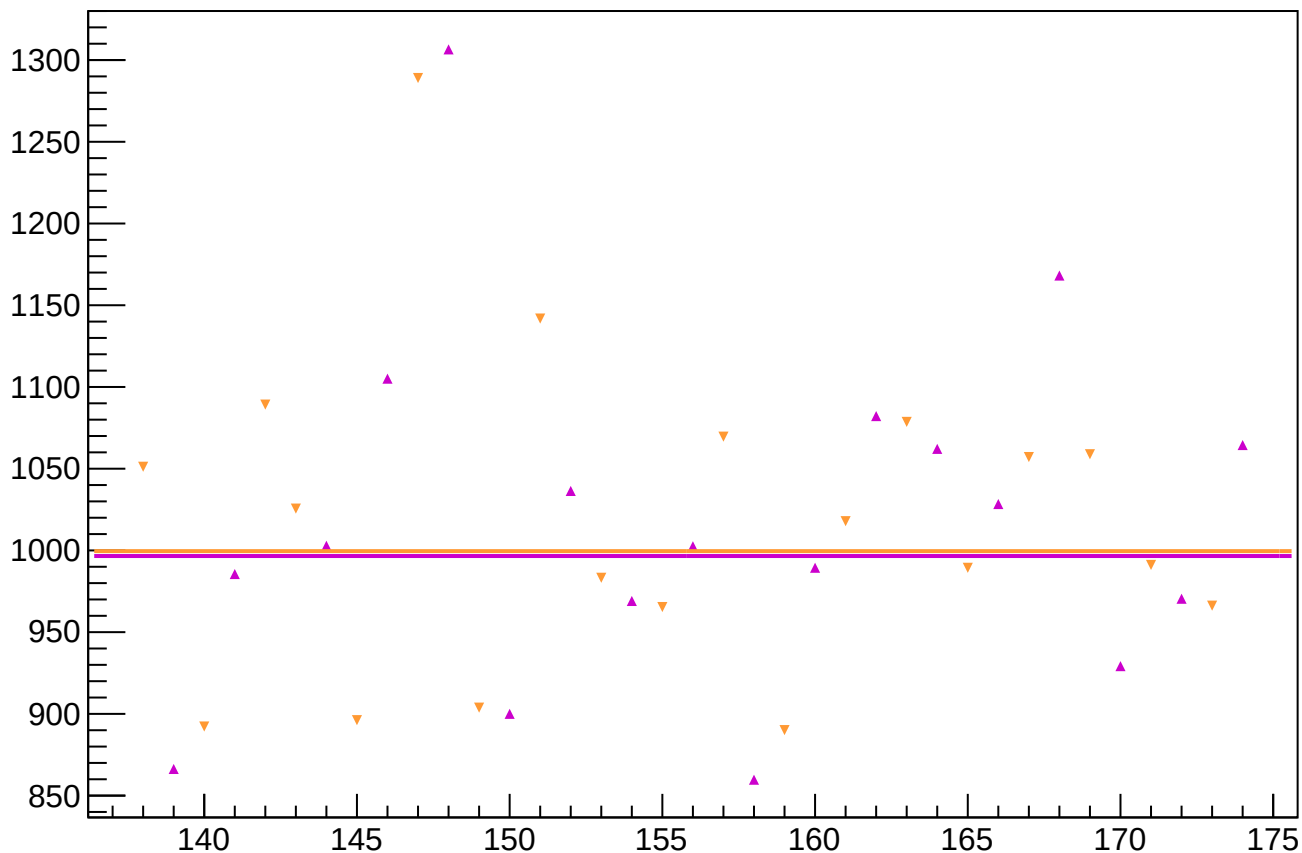
Left In: -148.752 $\pm$ 266.553 χ^2 /NDF:33.8/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -284.964 $\pm$ 188.649 χ^2 /NDF: 50.3/36

- sign 0.000 $\pm$ 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: 999.569+/-0.189 χ^2/NDF :227292.2/18

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

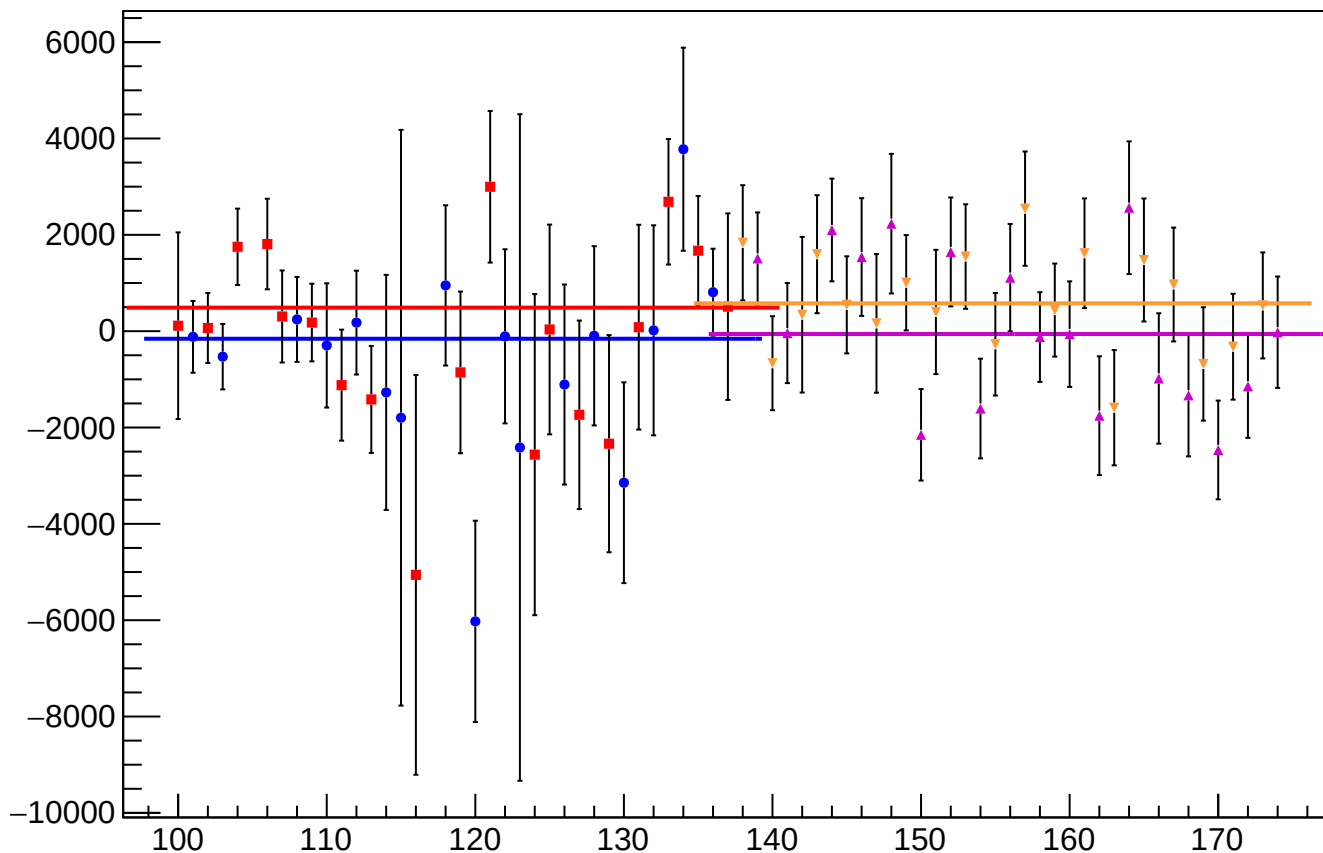
Left In: 996.576+/-0.188 χ^2/NDF :272385.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 998.070+/-0.133 χ^2/NDF : 499803.8/36

- 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: 578.633 ± 261.900 χ^2/NDF : 14.5/18

Right Out: 488.583 ± 282.758 χ^2/NDF : 22.6/18

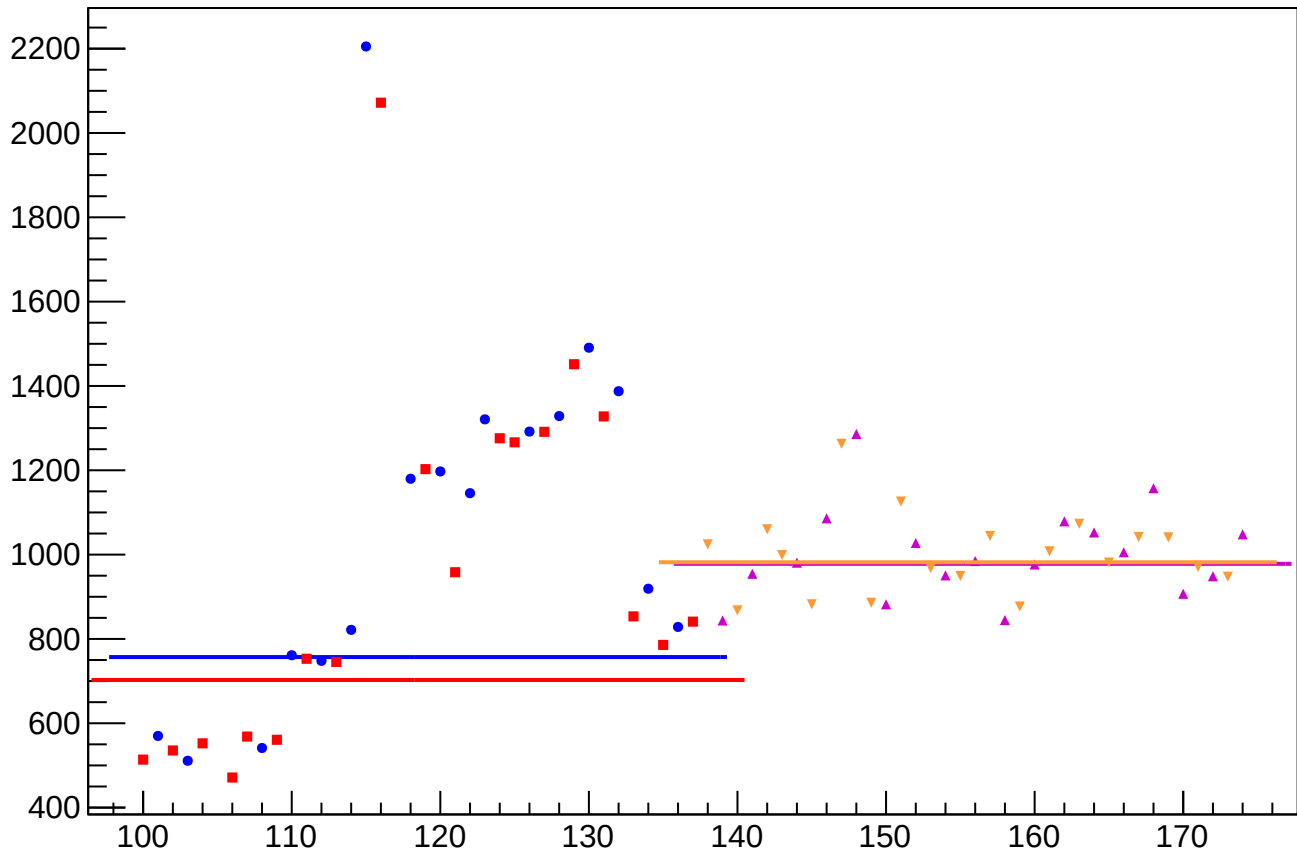
Left In: -58.763 ± 261.797 χ^2/NDF : 35.0/17

+ sign 275.046 ± 200.728 χ^2/NDF : 34.0/35

All: 232.677 ± 138.786 χ^2/NDF : 93.7/72

- sign 193.872 ± 192.102 χ^2/NDF : 59.7/36

asym_sam5_rms vs Slug



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 981.891 $\pm$ 0.185 χ^2 /NDF: 230749.4/18

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

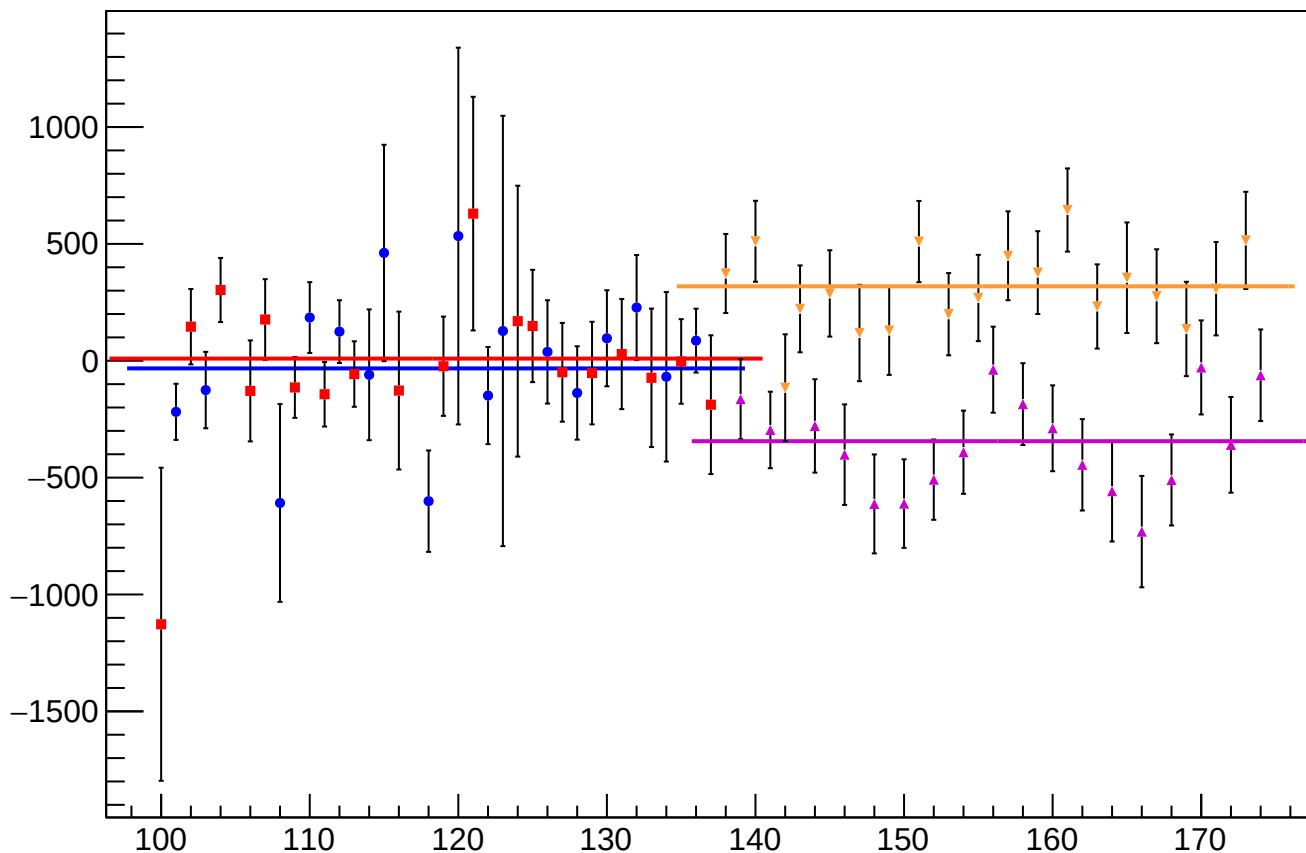
Left In: 978.158 $\pm$ 0.185 χ^2 /NDF: 291767.3/17

+ sign 889.097 $\pm$ 0.142 χ^2 /NDF: 2550556.2/35

All: 869.211 $\pm$ 0.098 χ^2 /NDF: 5591824.6/72

- sign 850.996 $\pm$ 0.136 χ^2 /NDF: 3003657.1/36

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 318.491 ± 43.475 χ^2/NDF : 14.9/18

Right Out: 9.277 ± 45.600 χ^2/NDF : 14.7/18

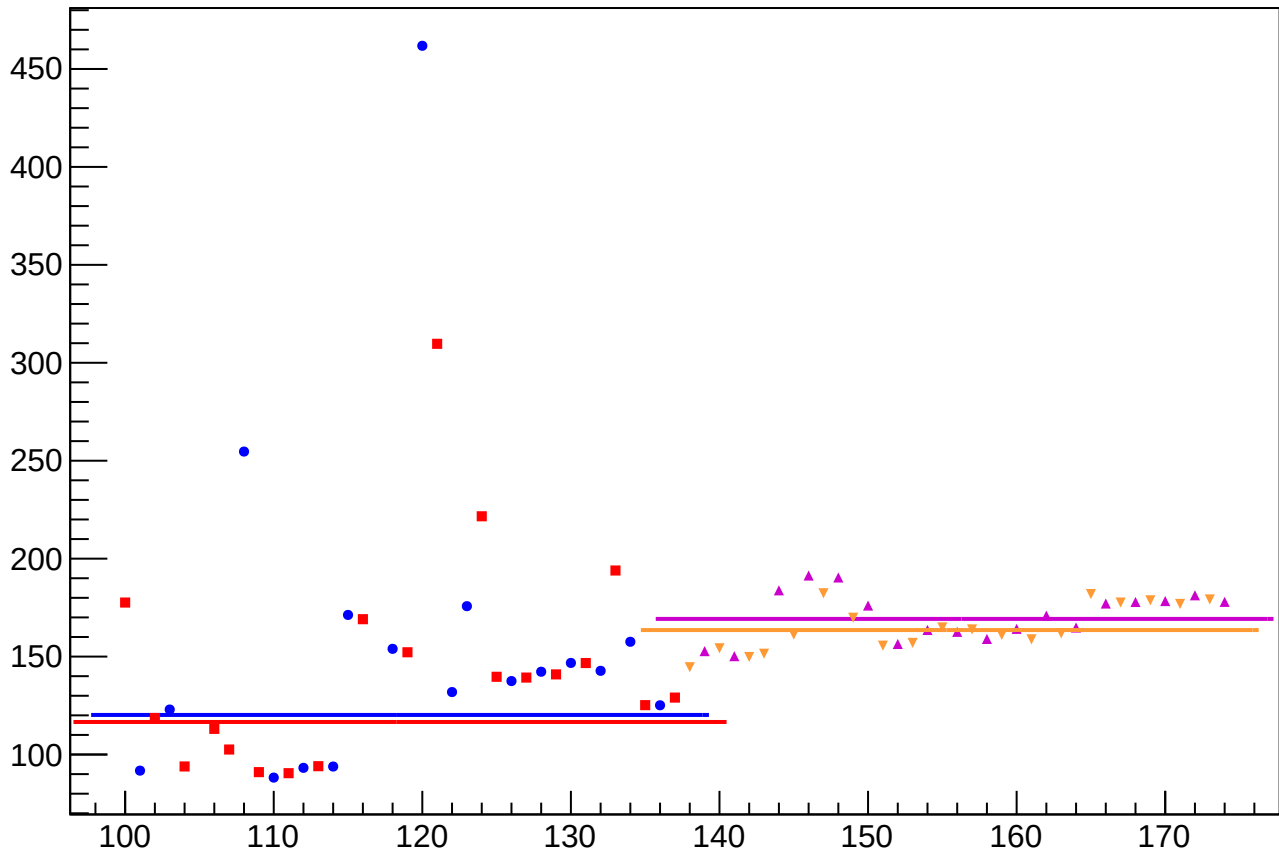
Left In: -344.115 ± 45.092 χ^2/NDF : 18.8/17

+ sign 161.780 ± 32.352 χ^2/NDF : 63.7/35

All: -5.297 ± 22.774 χ^2/NDF : 180.4/72

- sign -169.396 ± 32.063 χ^2/NDF : 63.8/36

dit_asym_sam6_rms vs Slug



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 163.546 $\pm$ 0.031 χ^2 /NDF:128218.6/18

Right Out: 116.618 $\pm$ 0.032 χ^2 /NDF: 997956.6/18

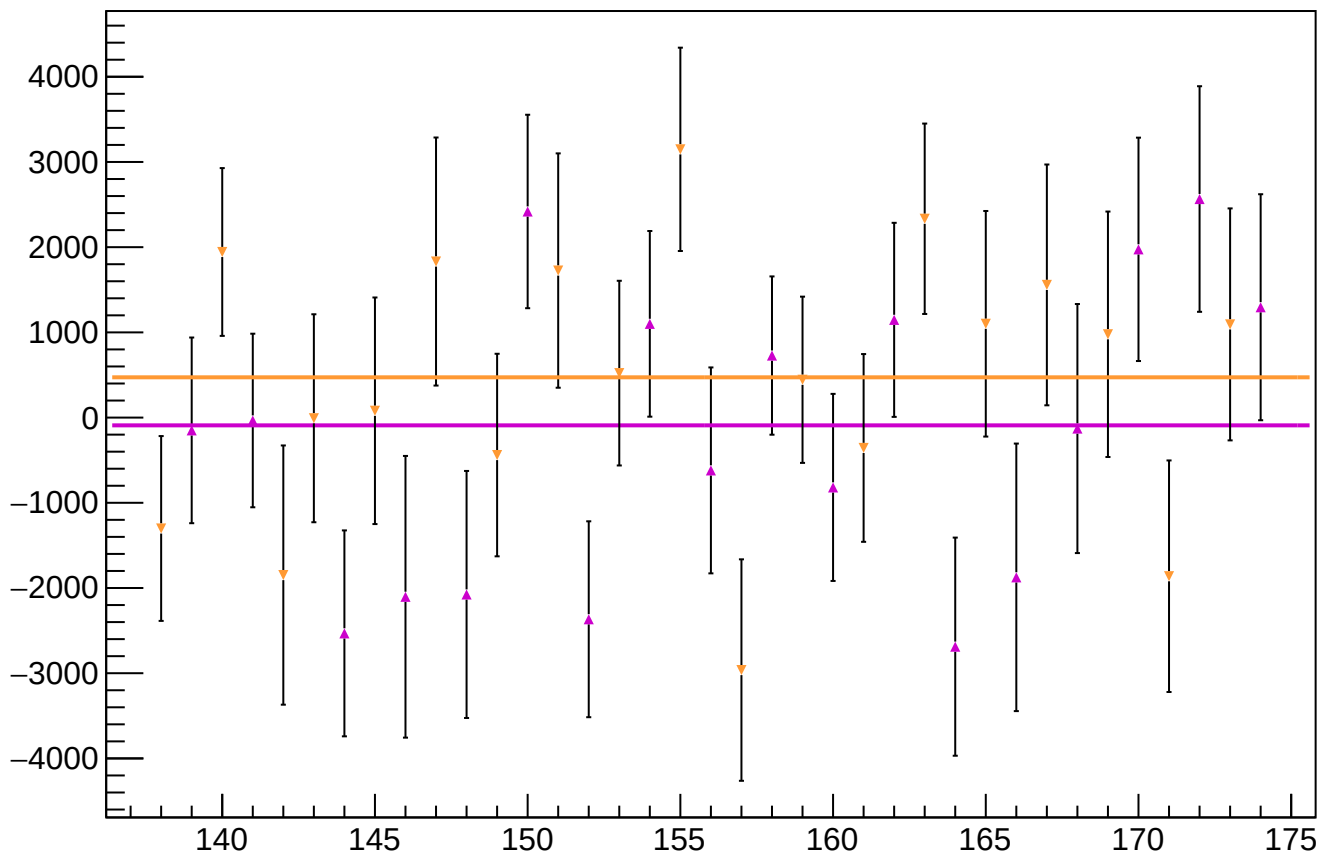
Left In: 169.238 $\pm$ 0.032 χ^2 /NDF:146031.2/17

+ sign 144.207 $\pm$ 0.023 χ^2 /NDF: 2077441.7/35

All: 143.710 $\pm$ 0.016 χ^2 /NDF: 4568862.4/72

- sign 143.222 $\pm$ 0.023 χ^2 /NDF: 2490486.7/36

asym_sam6_correction_mean vs Slug



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

Left Out: 472.634+/-280.431 χ^2/NDF : 29.2/18

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

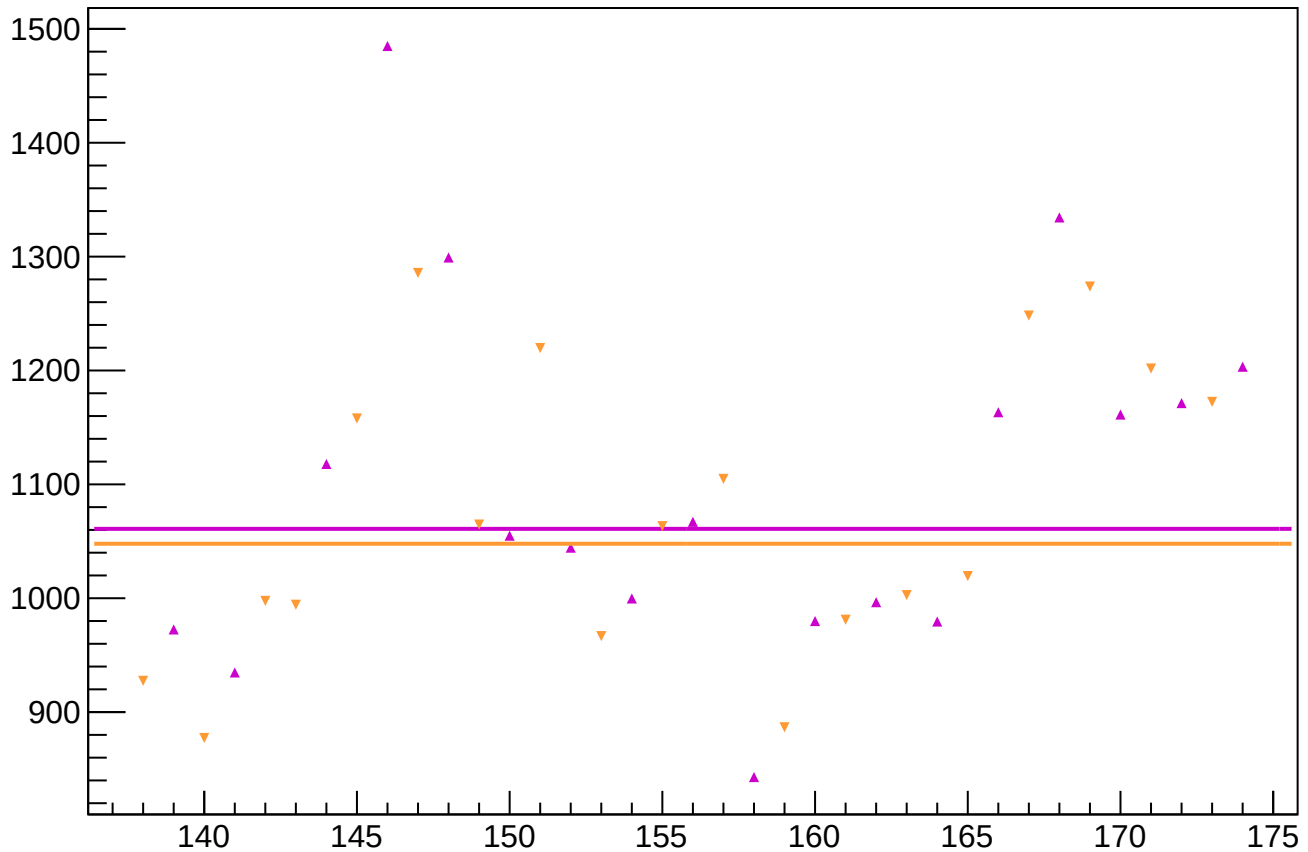
Left In: -91.109+/-284.456 χ^2/NDF : 33.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.780+/-199.702 χ^2/NDF : 64.3/36

- 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: 1047.858+/-0.198 χ^2/NDF : 402744.0/18

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

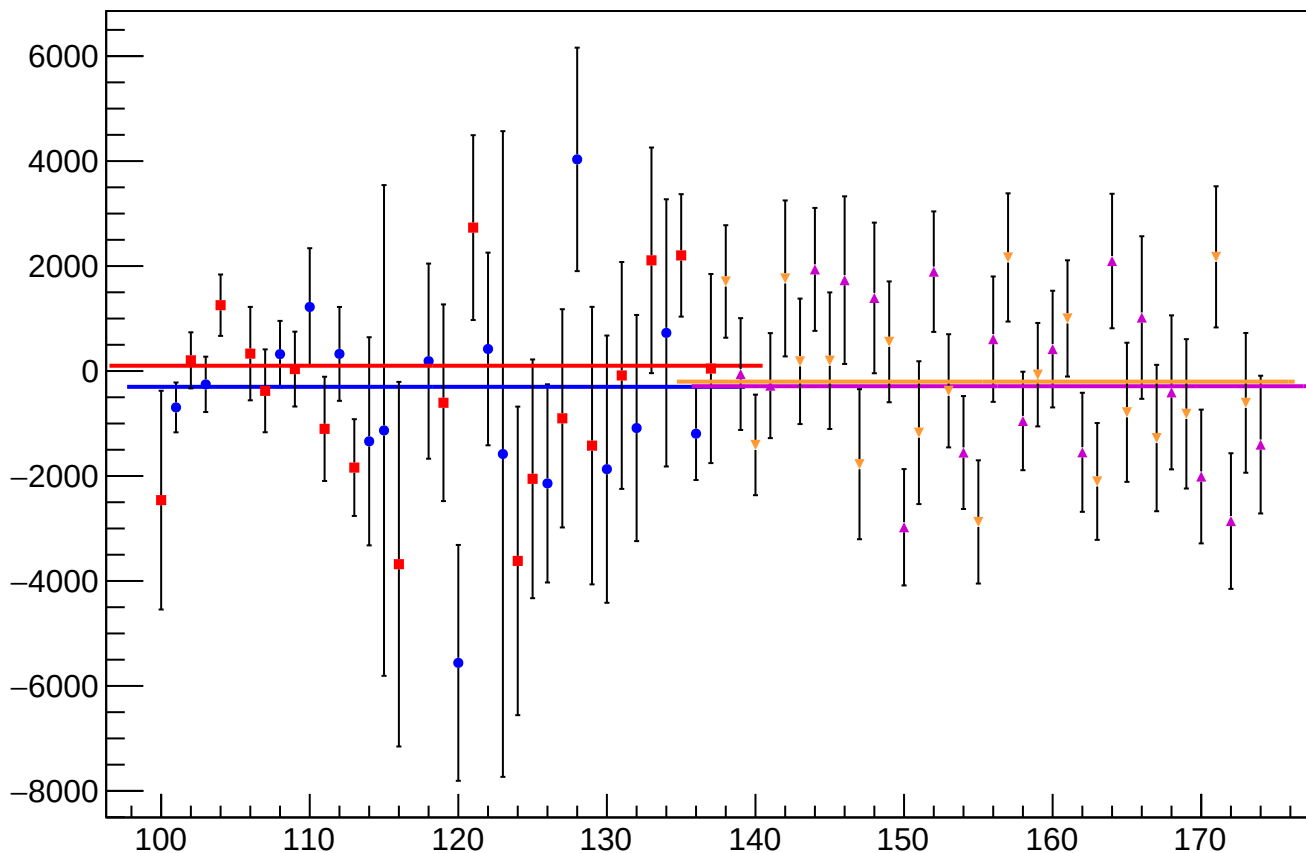
Left In: 1060.938+/-0.201 χ^2/NDF : 503481.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1054.305+/-0.141 χ^2/NDF : 908370.0/36

- 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: -202.103 ± 276.401 χ^2/NDF : 26.1/18

Right Out: 100.857 ± 245.981 χ^2/NDF : 22.5/18

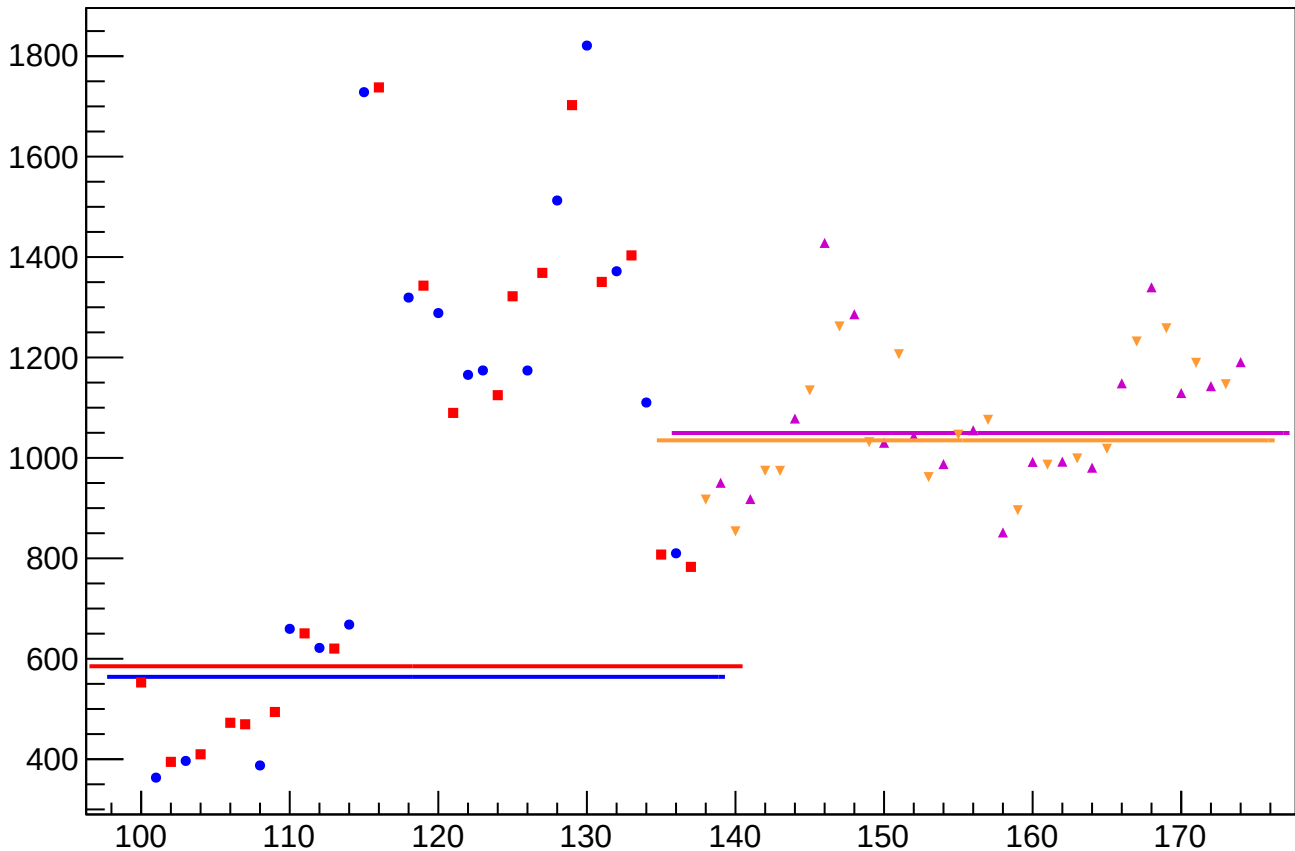
Left In: -289.801 ± 281.347 χ^2/NDF : 30.9/17

+ sign -256.491 ± 185.427 χ^2/NDF : 43.0/35

All: -162.317 ± 131.031 χ^2/NDF : 98.1/72

- sign -68.389 ± 185.184 χ^2/NDF : 54.5/36

asym_sam6_rms vs Slug



Right In: 564.003 ± 0.177 $\chi^2/\text{NDF}: 3261491.3/16$

Left Out: 1034.974 ± 0.195 $\chi^2/\text{NDF}: 385313.9/18$

Right Out: 585.070 ± 0.174 $\chi^2/\text{NDF}: 2820837.8/18$

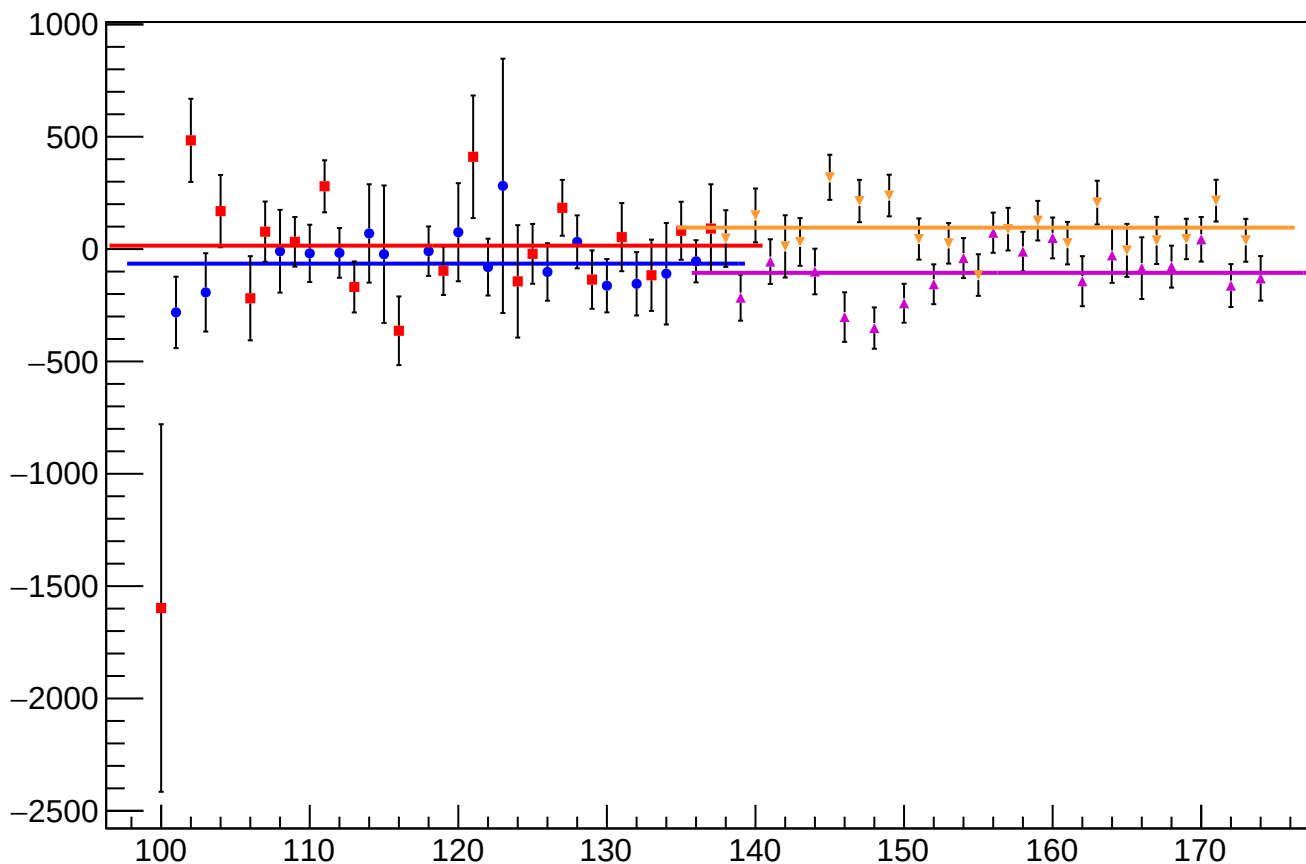
Left In: 1049.620 ± 0.199 $\chi^2/\text{NDF}: 460185.5/17$

+ sign 775.967 ± 0.131 $\chi^2/\text{NDF}: 6840232.2/35$

All: 781.154 ± 0.093 $\chi^2/\text{NDF}: 13214792.2/72$

- sign 786.329 ± 0.131 $\chi^2/\text{NDF}: 6371433.1/36$

dit_asym_sam7_mean vs Slug



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 95.490 ± 22.770 χ^2/NDF : 21.5/18

Right Out: 15.294 ± 33.422 χ^2/NDF : 35.0/18

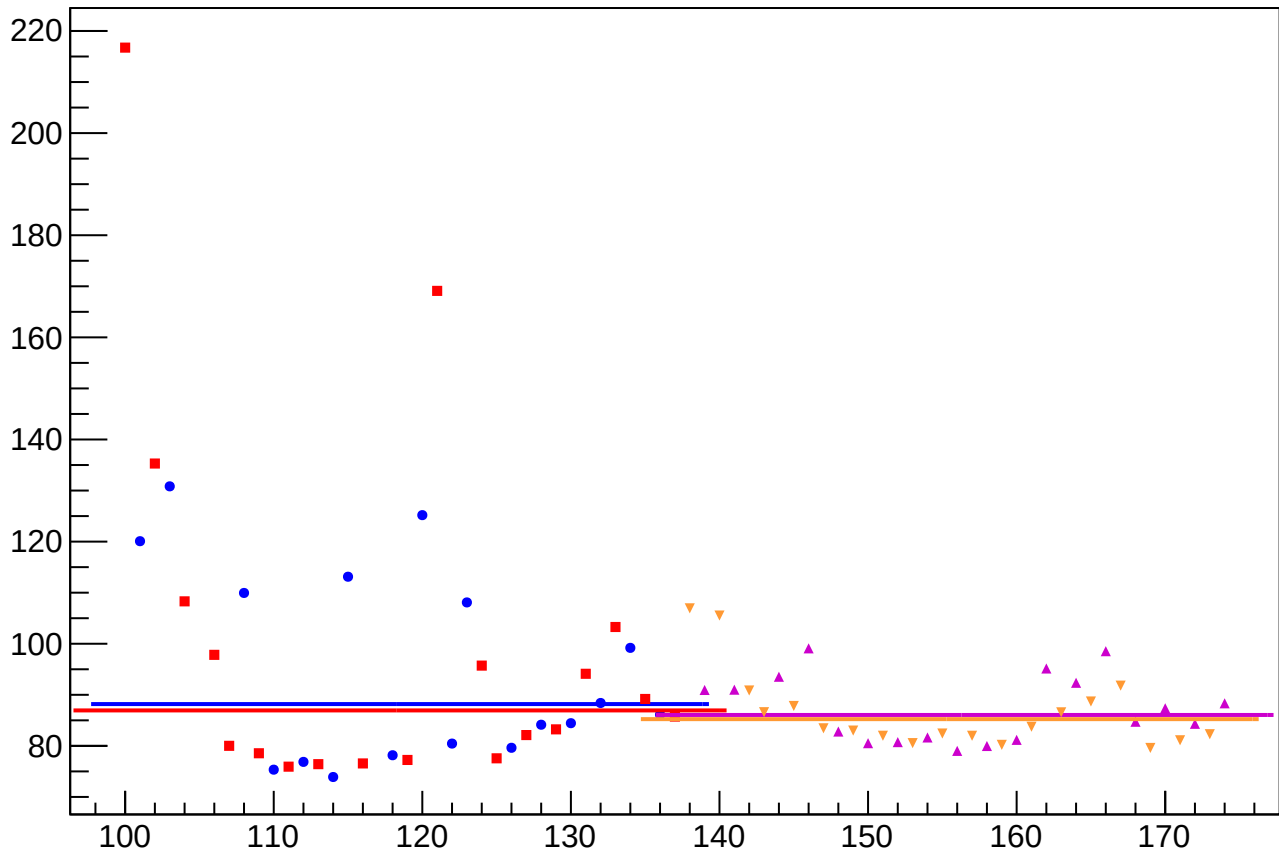
Left In: -105.718 ± 23.037 χ^2/NDF : 26.5/17

+ sign 47.108 ± 19.025 χ^2/NDF : 42.6/35

All: -9.990 ± 13.433 χ^2/NDF : 130.9/72

- sign -66.741 ± 18.968 χ^2/NDF : 70.3/36

dit_asym_sam7_rms vs Slug



Right In: 88.186 $\pm$ 0.024 χ^2 /NDF: 394447.7/16

Left Out: 85.236 $\pm$ 0.016 χ^2 /NDF: 166096.2/18

Right Out: 86.943 $\pm$ 0.024 χ^2 /NDF: 531359.9/18

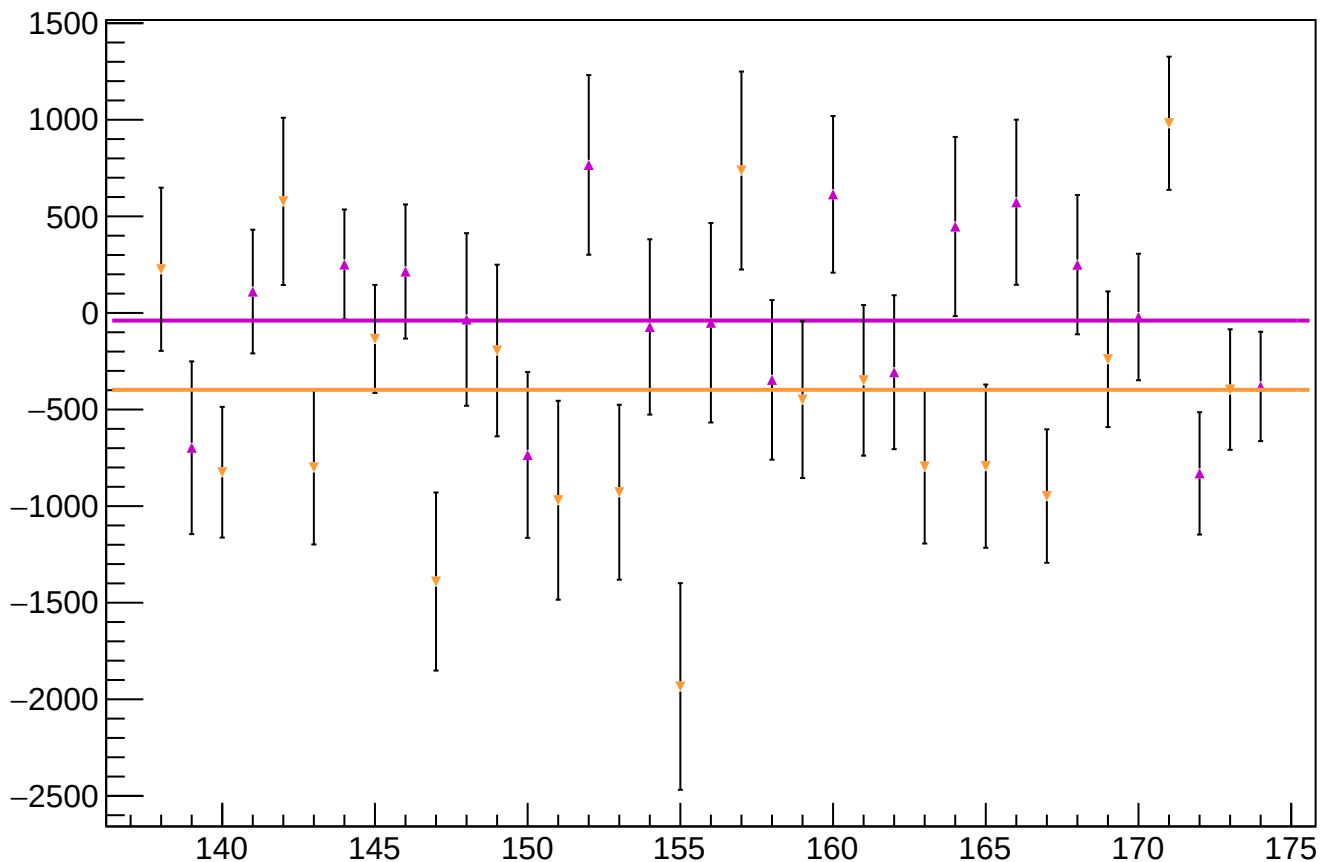
Left In: 86.053 $\pm$ 0.016 χ^2 /NDF: 136423.4/17

+ sign 86.127 $\pm$ 0.013 χ^2 /NDF: 570676.8/35

All: 86.233 $\pm$ 0.009 χ^2 /NDF: 1239547.1/72

- sign 86.340 $\pm$ 0.013 χ^2 /NDF: 668744.5/36

asym_sam7_correction_mean vs Slug



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

Left Out: -397.969+/-89.726 χ^2/NDF : 52.0/18

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

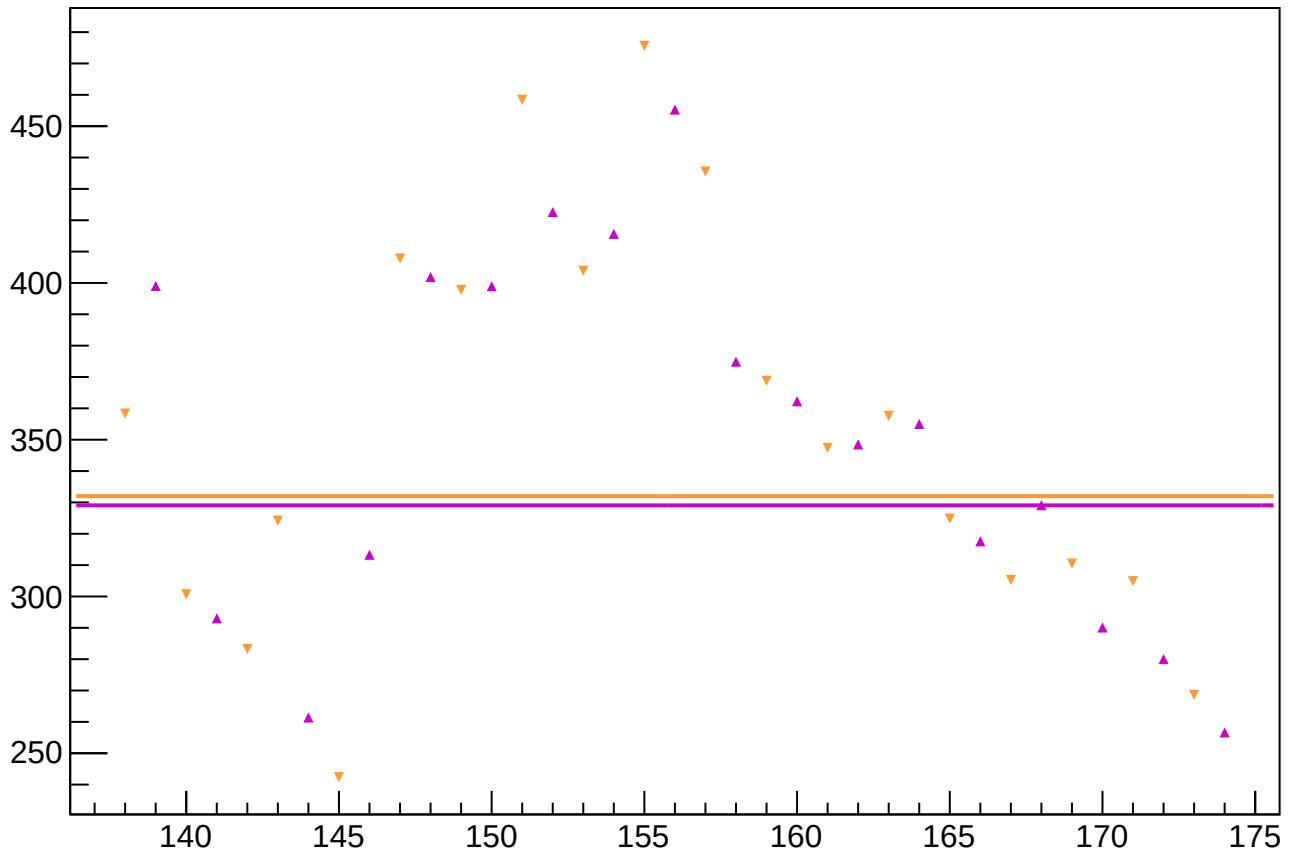
Left In: -39.458+/-88.769 χ^2/NDF : 24.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.791+/-63.105 χ^2/NDF : 84.8/36

- 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: 332.006+/-0.063 χ^2/NDF : 894346.6/18

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

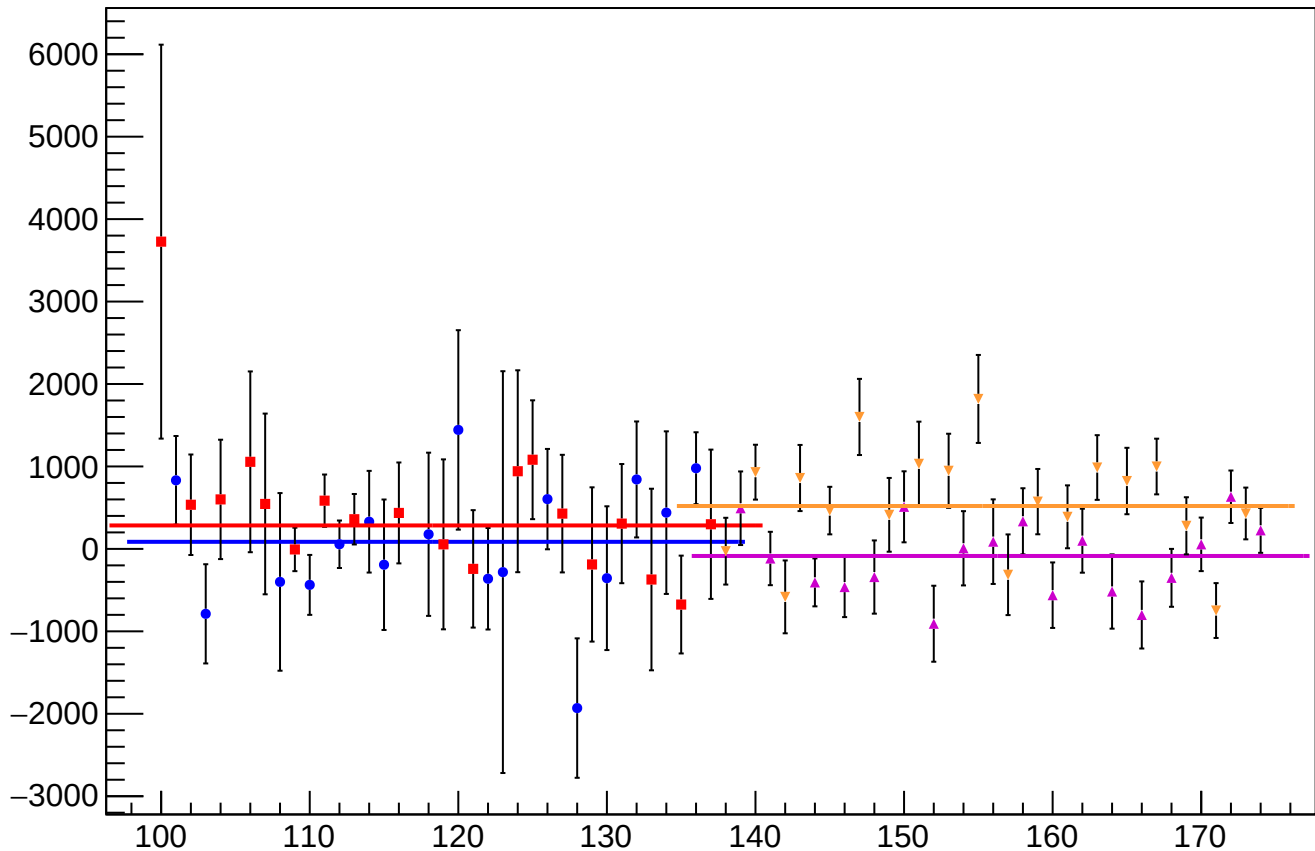
Left In: 329.054+/-0.063 χ^2/NDF : 828574.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.514+/-0.045 χ^2/NDF : 1724015.0/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: 85.810 $\pm$ 142.601 χ^2/NDF : 20.6/16

Left Out: 520.169 $\pm$ 88.794 χ^2/NDF : 45.8/18

Right Out: 284.456 $\pm$ 129.599 χ^2/NDF : 10.6/18

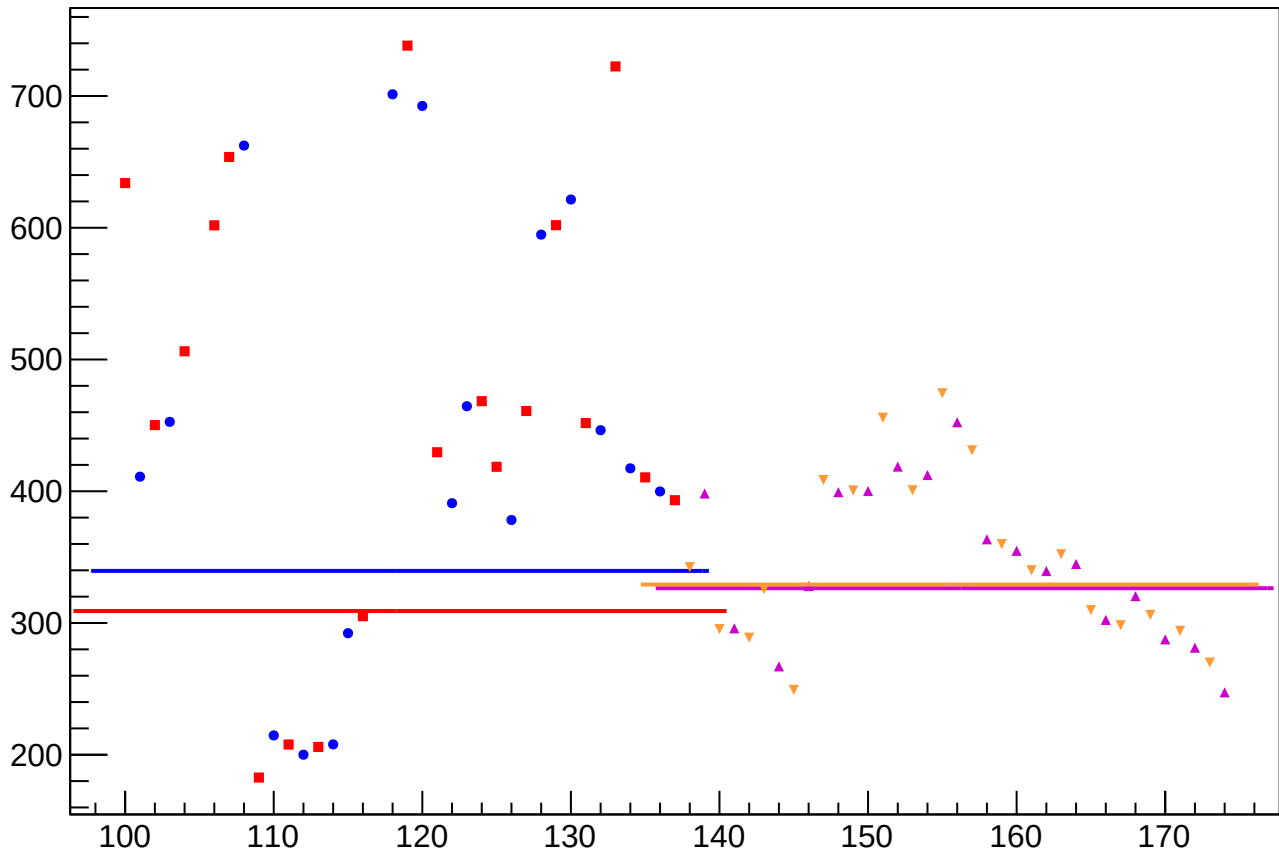
Left In: -85.850 $\pm$ 88.075 χ^2/NDF : 23.5/17

+ sign 398.811 $\pm$ 75.376 χ^2/NDF : 73.1/35

All: 208.701 $\pm$ 52.381 χ^2/NDF : 125.0/72

- sign 31.142 $\pm$ 72.845 χ^2/NDF : 39.7/36

asym_sam7_rms vs Slug



Right In: 339.553 $\pm$ 0.101 χ^2 /NDF: 2042244.1/16

Left Out: 329.232 $\pm$ 0.063 χ^2 /NDF: 855675.5/18

Right Out: 309.105 $\pm$ 0.092 χ^2 /NDF: 2730308.7/18

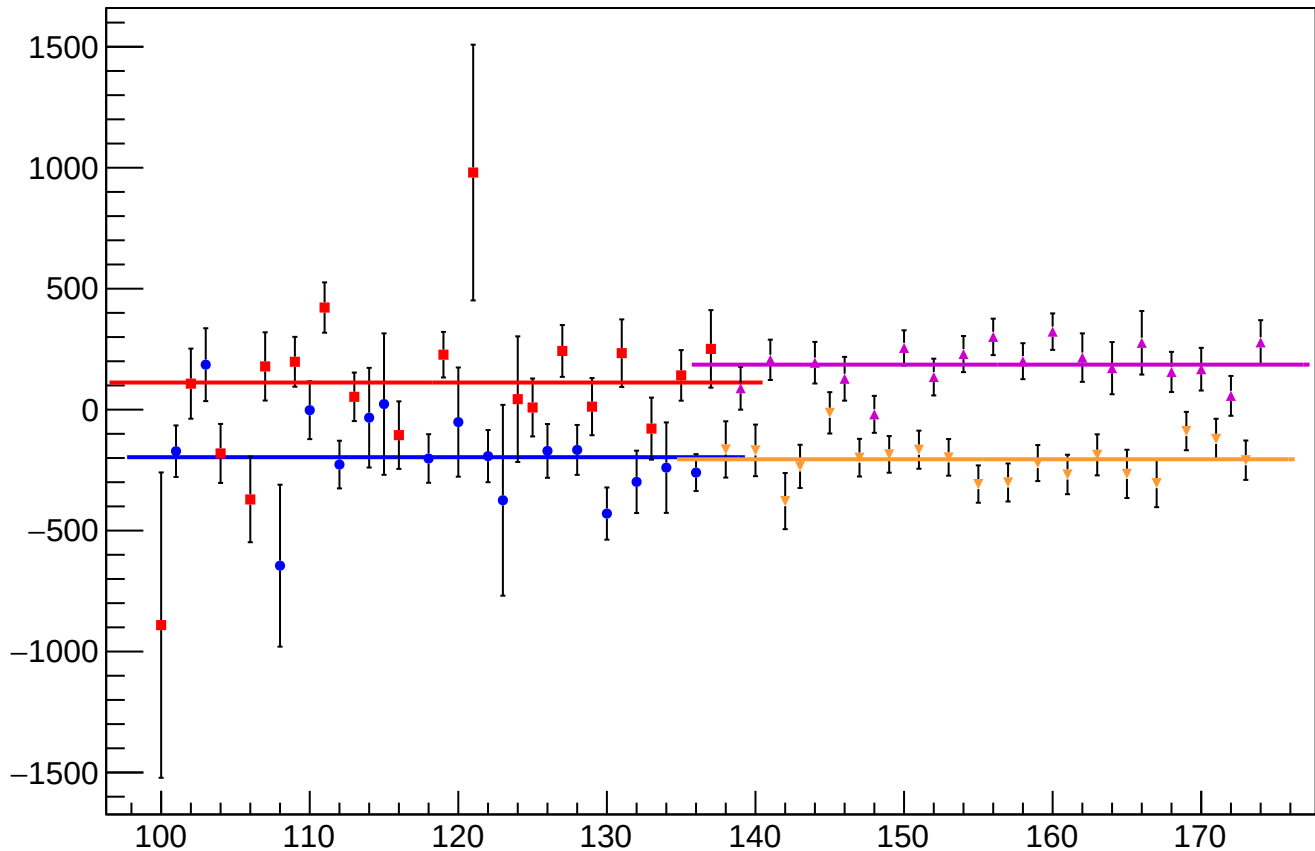
Left In: 326.421 $\pm$ 0.062 χ^2 /NDF: 816575.8/17

+ sign 332.115 $\pm$ 0.053 χ^2 /NDF: 2905469.1/35

All: 326.342 $\pm$ 0.037 χ^2 /NDF: 6499467.5/72

- sign 320.950 $\pm$ 0.052 χ^2 /NDF: 3571309.2/36

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -205.193 ± 19.500 χ^2/NDF : 16.4/18

Right Out: 112.097 ± 29.622 χ^2/NDF : 39.3/18

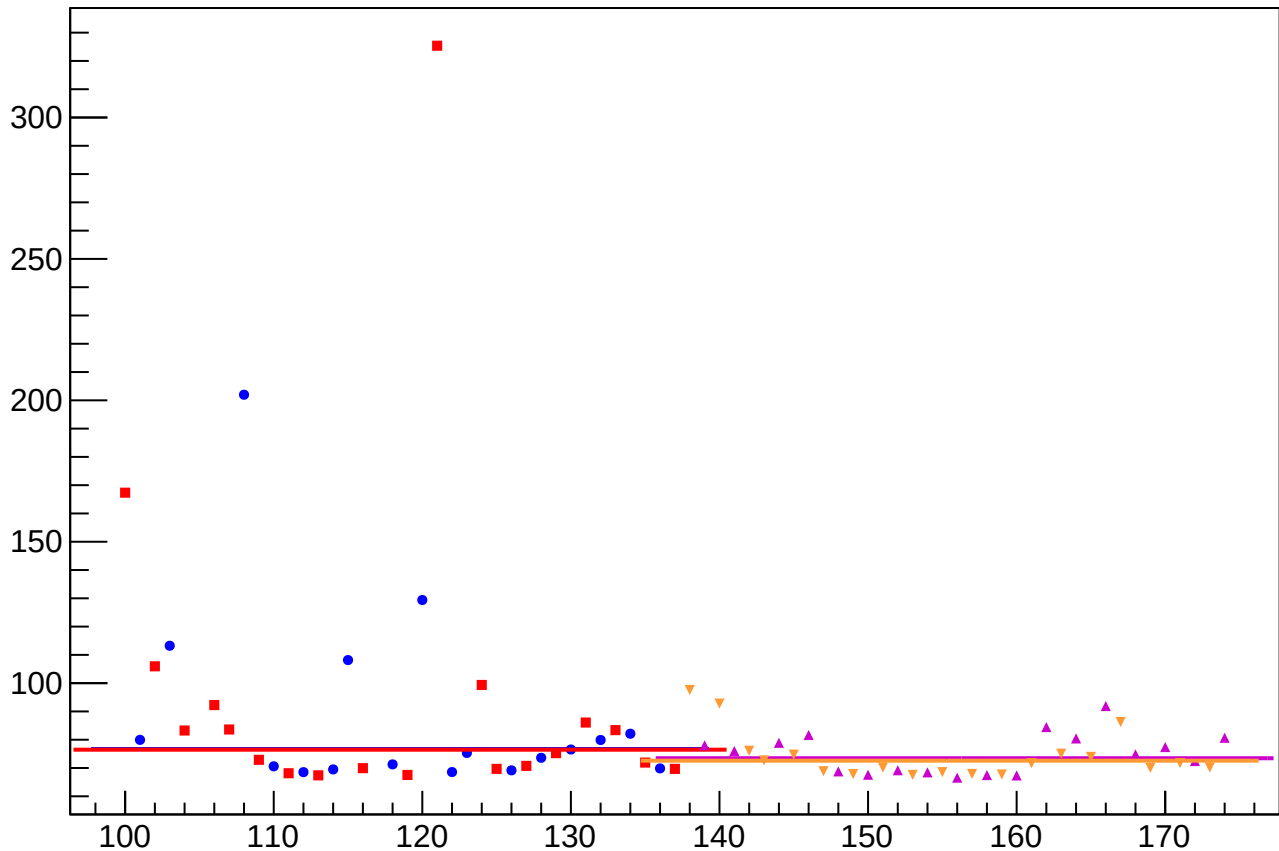
Left In: 186.002 ± 19.772 χ^2/NDF : 20.5/17

+ sign -202.687 ± 16.414 χ^2/NDF : 35.5/35

All: -20.084 ± 11.617 χ^2/NDF : 347.7/72

- sign 163.223 ± 16.445 χ^2/NDF : 64.1/36

dit_asym_sam8_rms vs Slug



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 72.595 $\pm$ 0.014 χ^2 /NDF: 255374.2/18

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

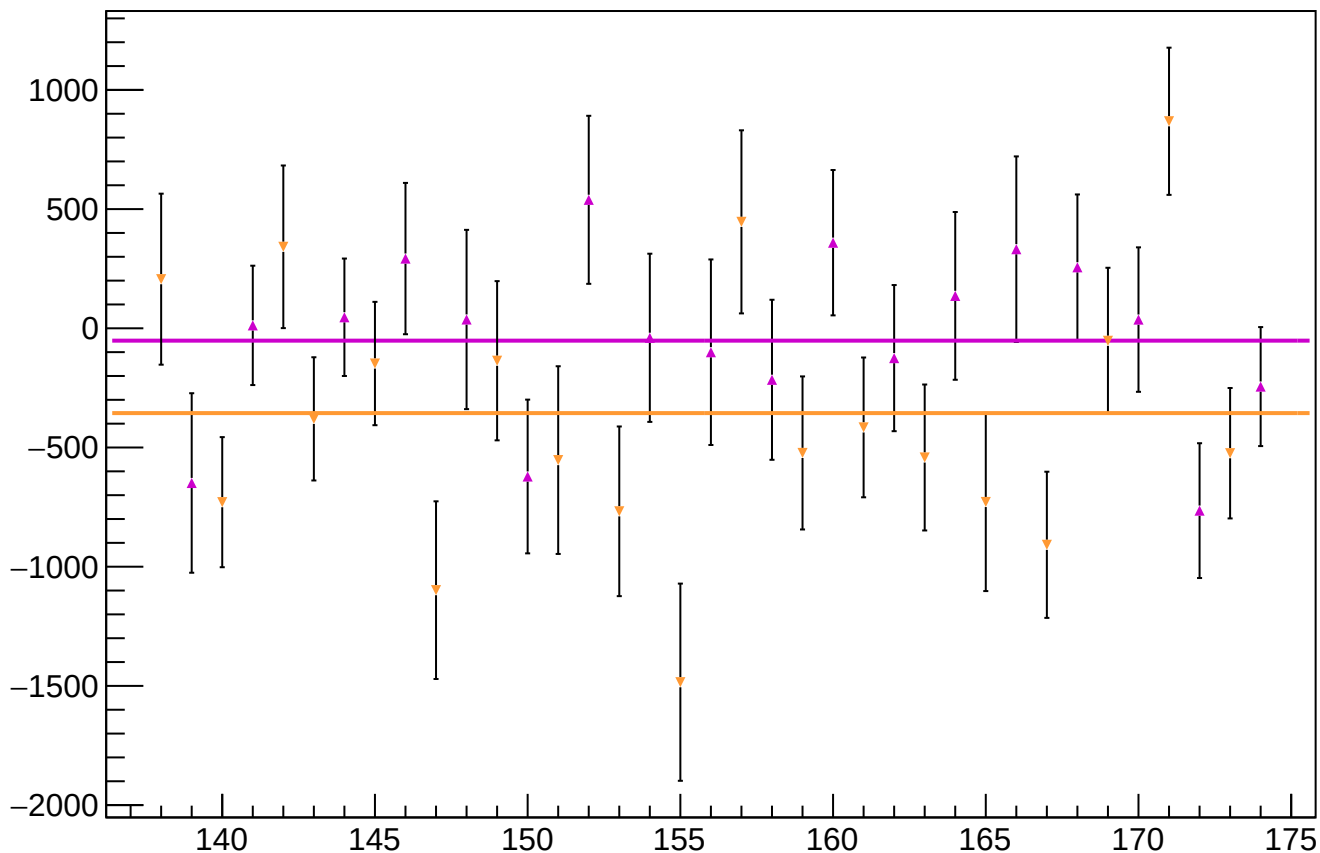
Left In: 73.453 $\pm$ 0.014 χ^2 /NDF: 199109.0/17

+ sign 73.789 $\pm$ 0.012 χ^2 /NDF: 881463.0/35

All: 74.087 $\pm$ 0.008 χ^2 /NDF: 1795687.2/72

- sign 74.386 $\pm$ 0.012 χ^2 /NDF: 912906.5/36

asym_sam8_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -355.695 $\pm$ 73.092 χ^2 /NDF:49.0/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

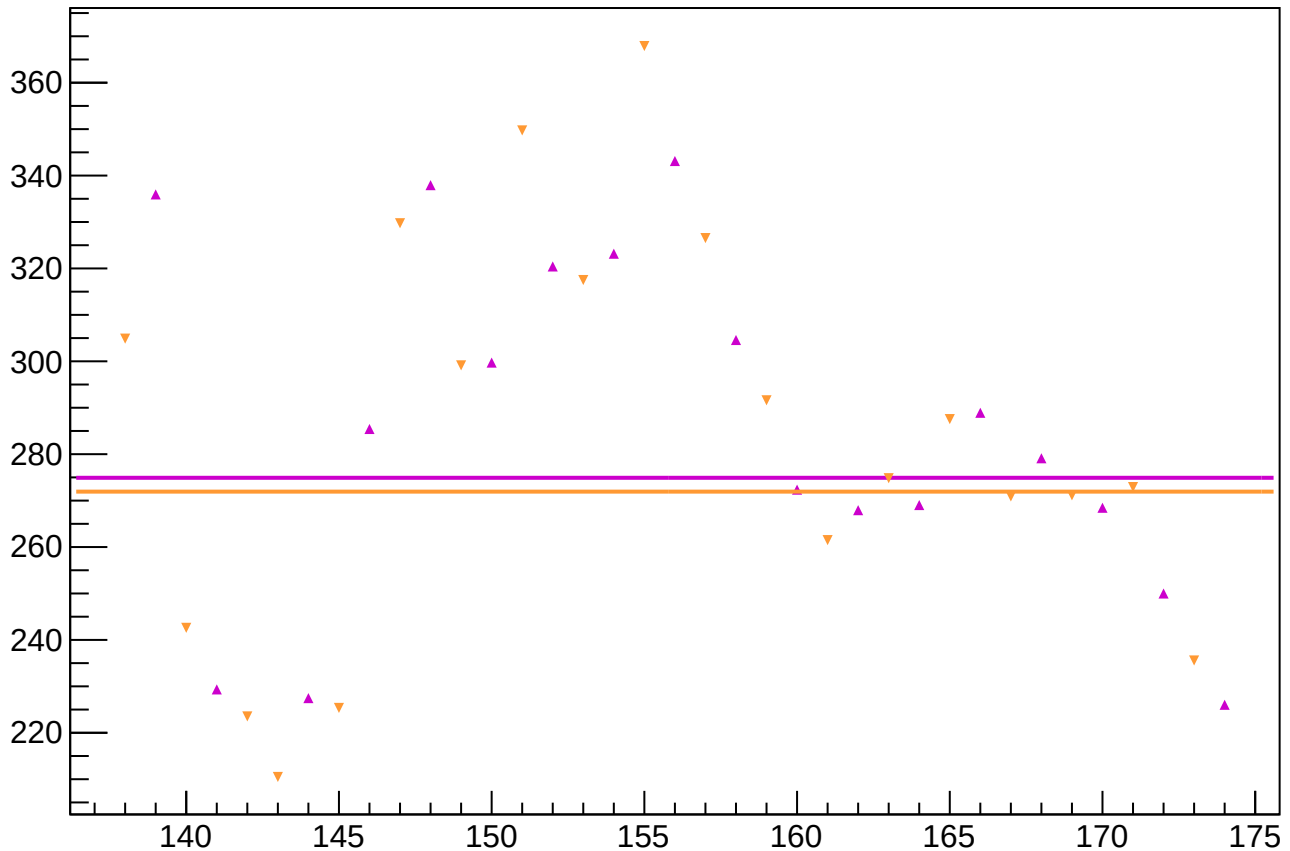
Left In: -51.778 $\pm$ 73.734 χ^2 /NDF:21.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -205.065 $\pm$ 51.910 χ^2 /NDF: 78.9/36

- sign 0.000 $\pm$ 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: 271.935+/-0.052 χ^2/NDF : 627683.5/18

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

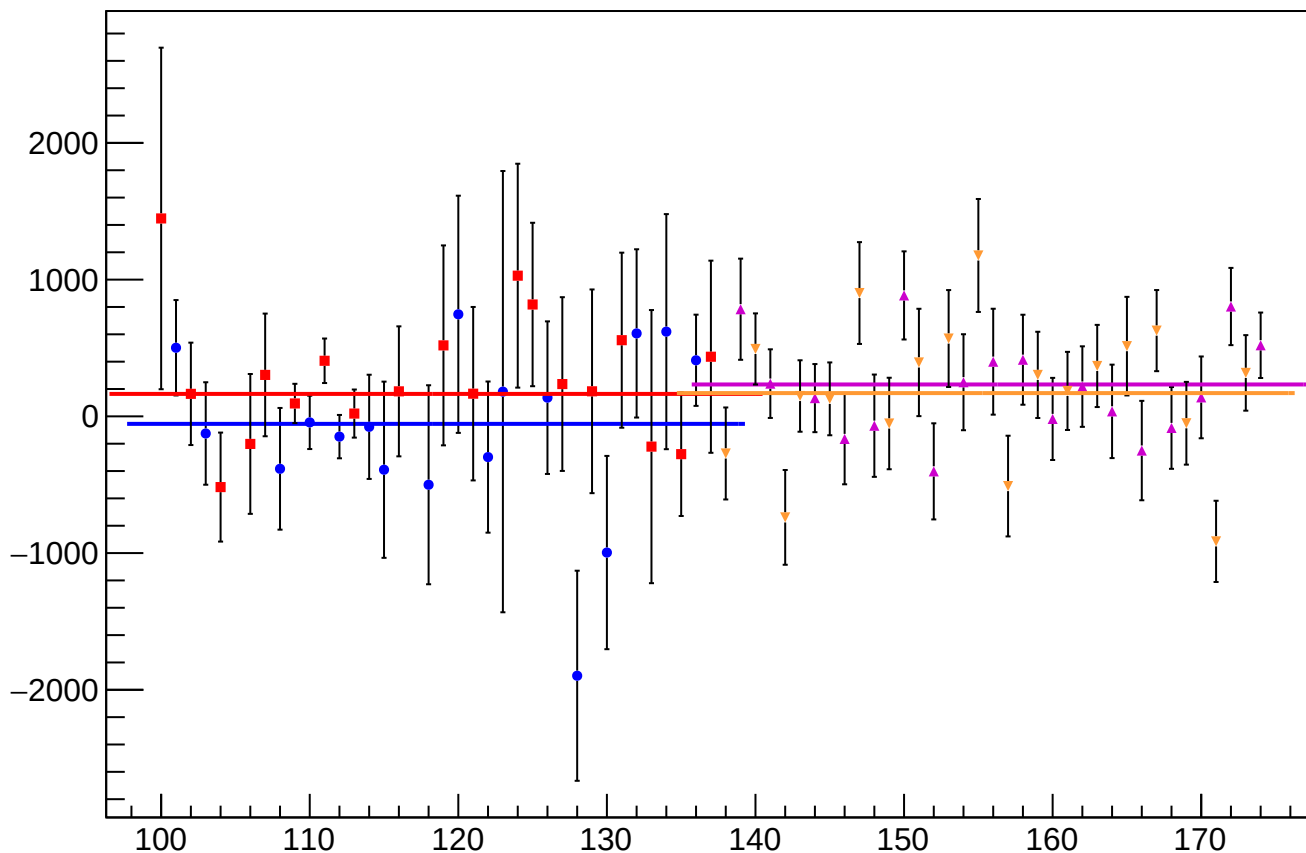
Left In: 274.915+/-0.052 χ^2/NDF : 509024.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.412+/-0.037 χ^2/NDF : 1138354.8/36

- 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: 170.104 ± 72.112 χ^2/NDF : 43.5/18

Right Out: 164.141 ± 76.903 χ^2/NDF : 11.9/18

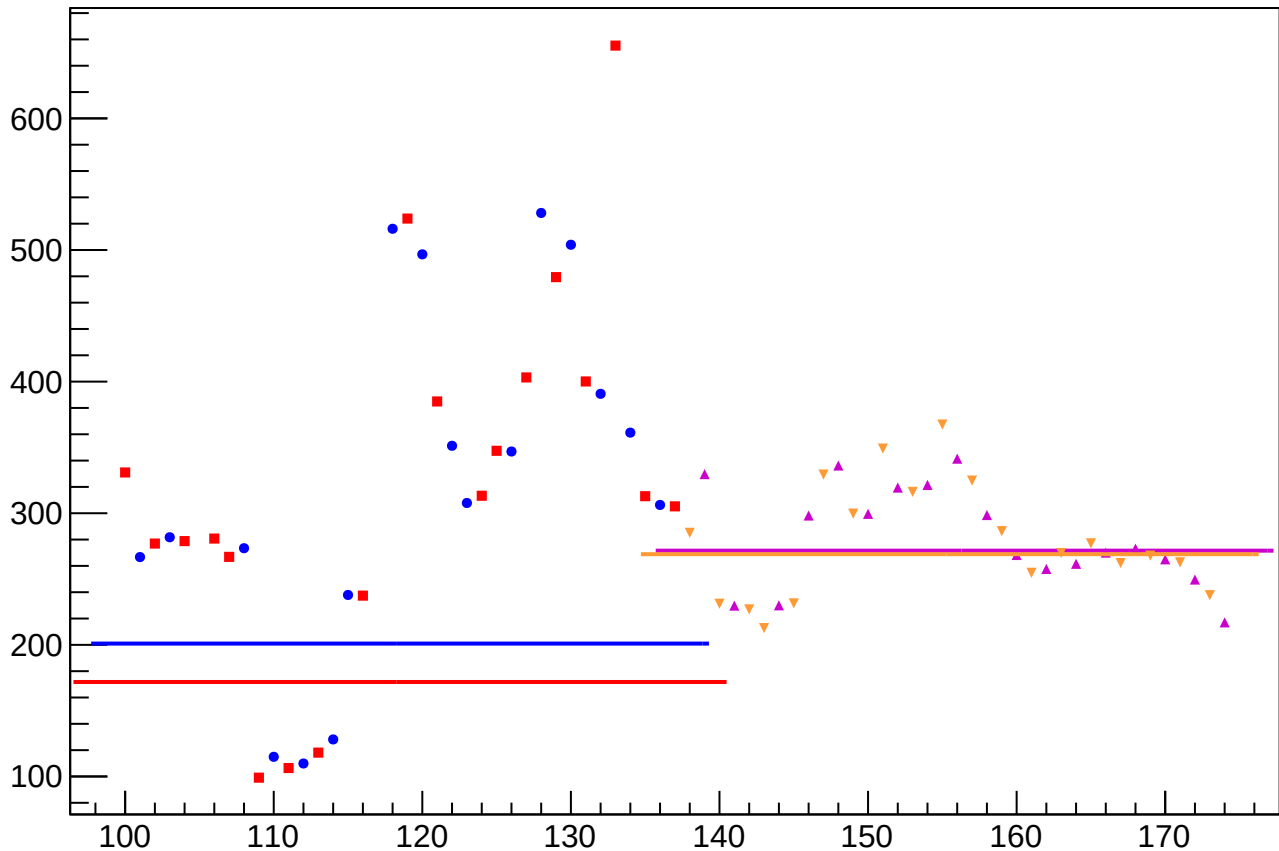
Left In: 233.218 ± 72.863 χ^2/NDF : 21.9/17

+ sign 82.540 ± 56.362 χ^2/NDF : 63.8/35

All: 145.285 ± 38.569 χ^2/NDF : 100.3/72

- sign 200.542 ± 52.892 χ^2/NDF : 34.2/36

asym_sam8_rms vs Slug



Right In: 200.971 $\pm$ 0.064 χ^2 /NDF: 3436154.0/16

Left Out: 268.878 $\pm$ 0.051 χ^2 /NDF: 595833.3/18

Right Out: 171.794 $\pm$ 0.054 χ^2 /NDF: 4092634.7/18

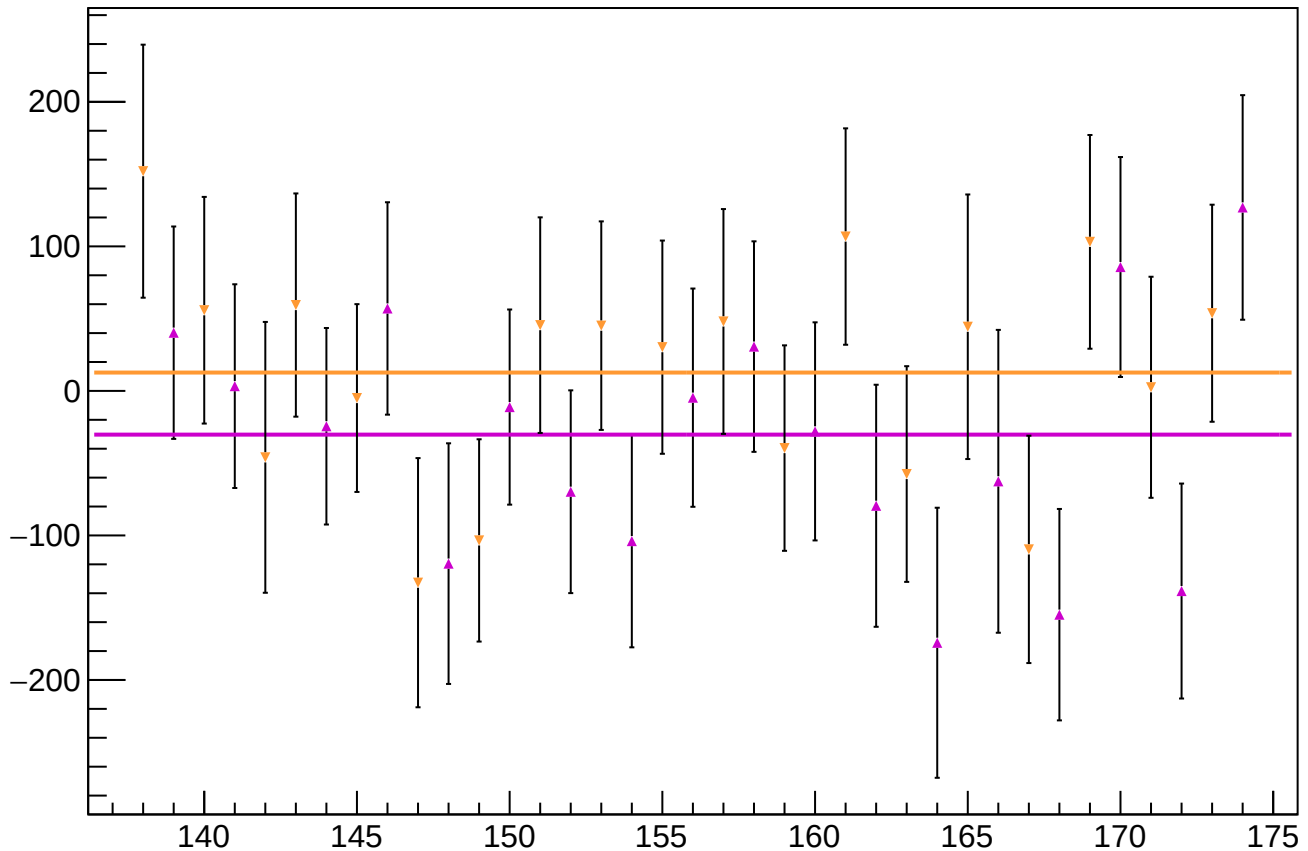
Left In: 271.570 $\pm$ 0.052 χ^2 /NDF: 527725.2/17

+ sign 242.455 $\pm$ 0.040 χ^2 /NDF: 4722098.8/35

All: 232.839 $\pm$ 0.027 χ^2 /NDF: 11226002.7/72

- sign 224.372 $\pm$ 0.037 χ^2 /NDF: 6394438.2/36

dit_asym_sam_15_avg_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 12.702 ± 17.570 χ^2/NDF : 17.3/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

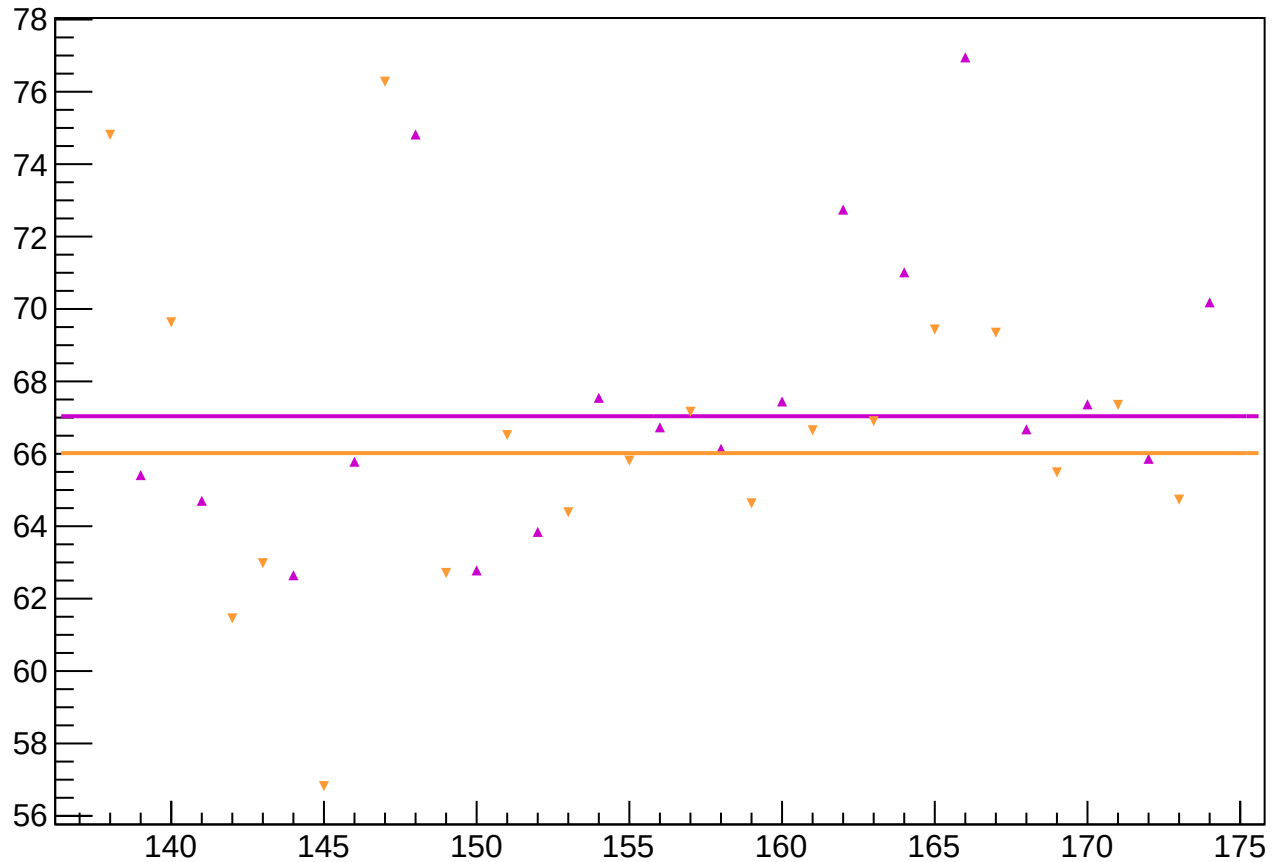
Left In: -30.249 ± 17.863 χ^2/NDF : 20.2/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.418 ± 12.526 χ^2/NDF : 40.4/36

- 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: 66.019+/-0.012 χ^2/NDF :115534.9/18

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

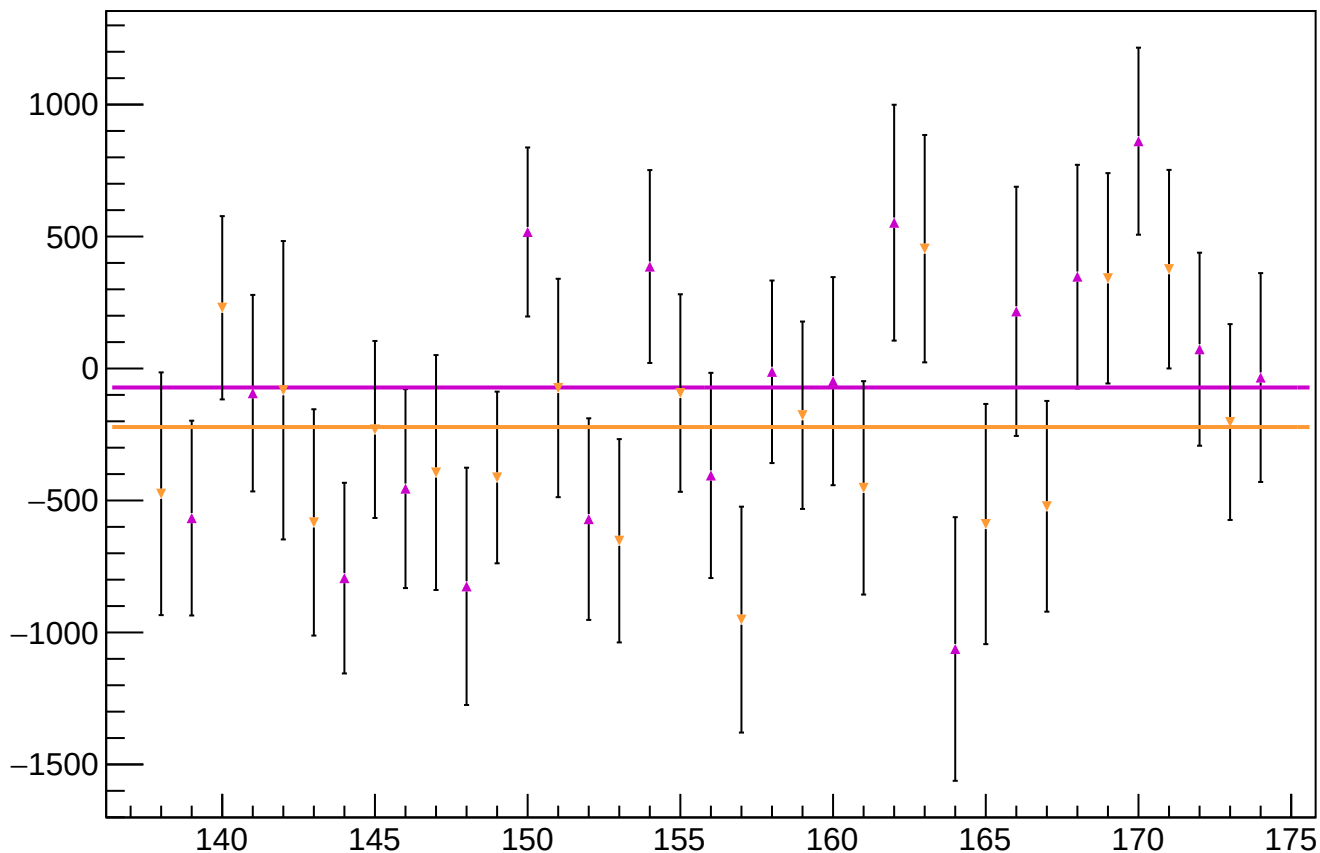
Left In: 67.038+/-0.013 χ^2/NDF :76845.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.520+/-0.009 χ^2/NDF : 195685.8/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -221.730 $\pm$ 90.773 χ^2 /NDF:16.2/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

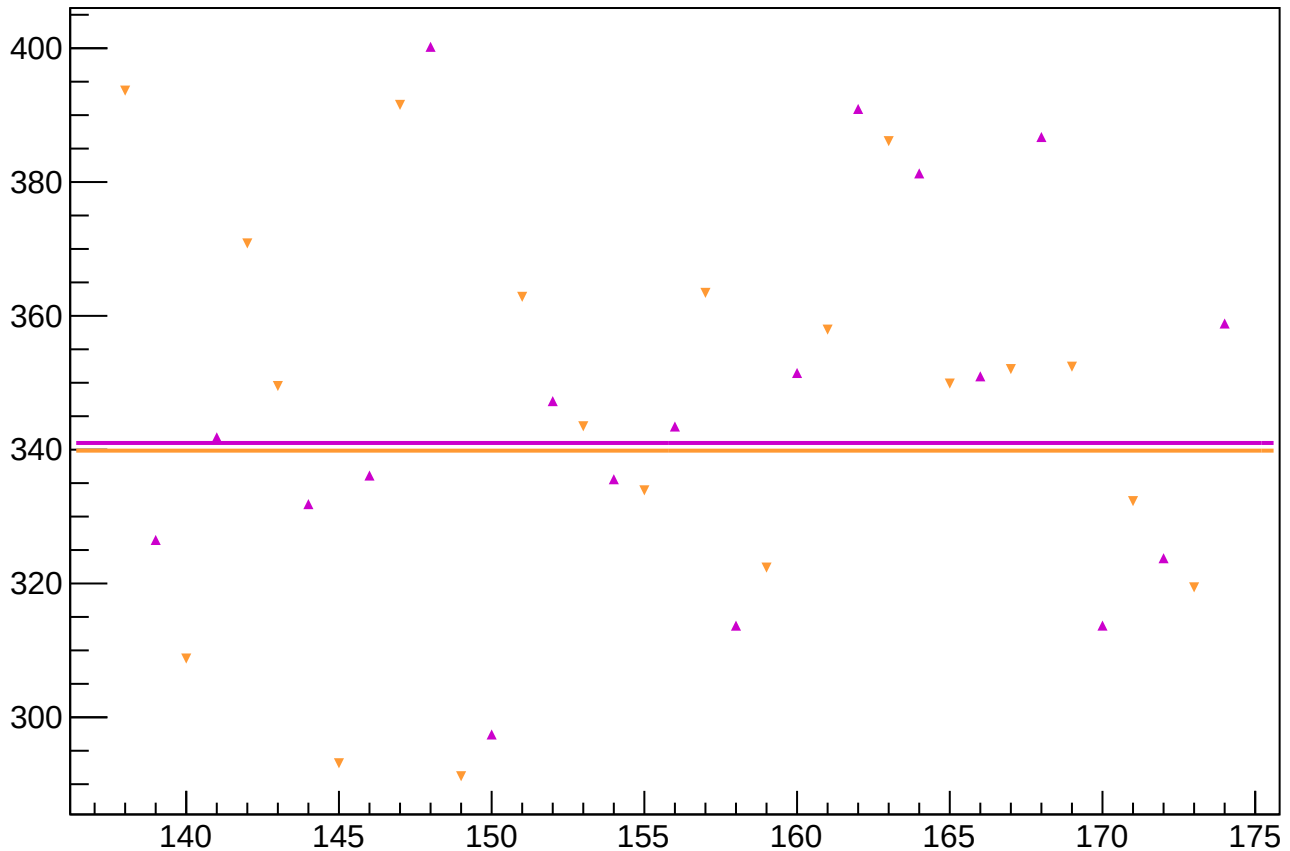
Left In: -71.884 $\pm$ 91.042 χ^2 /NDF:31.4/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -147.029 $\pm$ 64.281 χ^2 /NDF: 49.0/36

- sign 0.000 $\pm$ 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: 339.854+/-0.064 χ^2/NDF : 217561.3/18

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

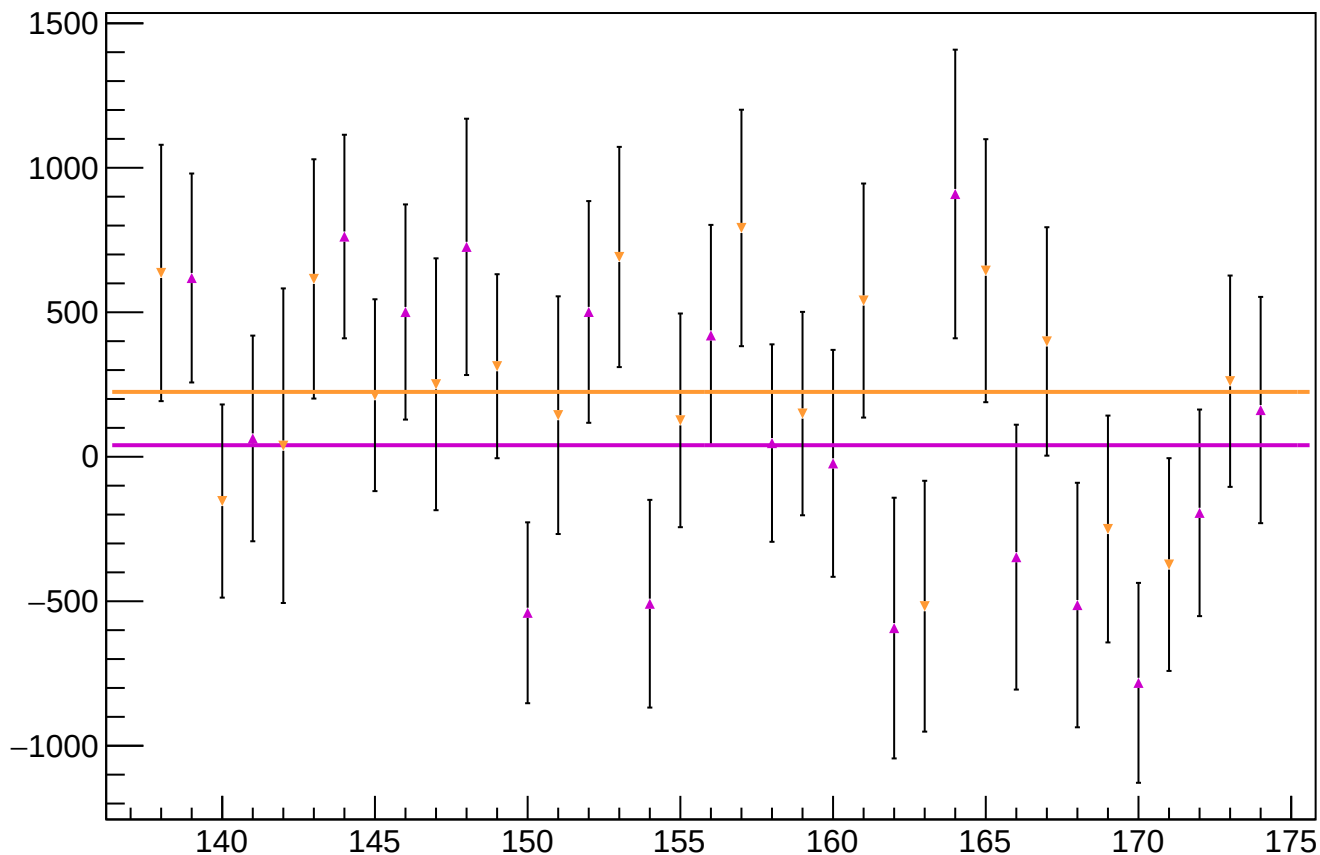
Left In: 341.002+/-0.064 χ^2/NDF : 173954.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.426+/-0.045 χ^2/NDF : 391675.2/36

- 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: 224.460+/-89.229 χ^2/NDF :15.5/18

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

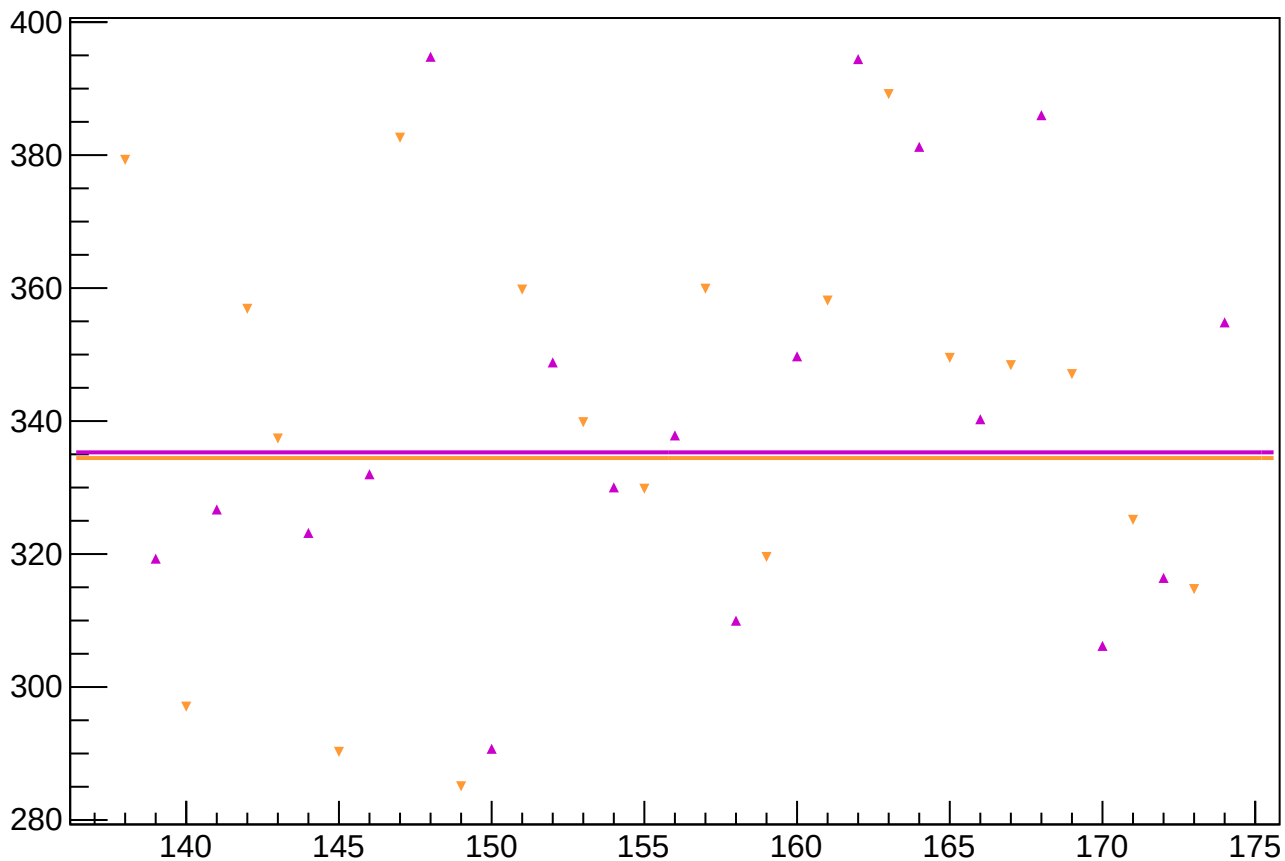
Left In: 39.974+/-89.612 χ^2/NDF :32.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.612+/-63.229 χ^2/NDF : 50.1/36

- 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: 334.436+/-0.063 χ^2/NDF :229056.4/18

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

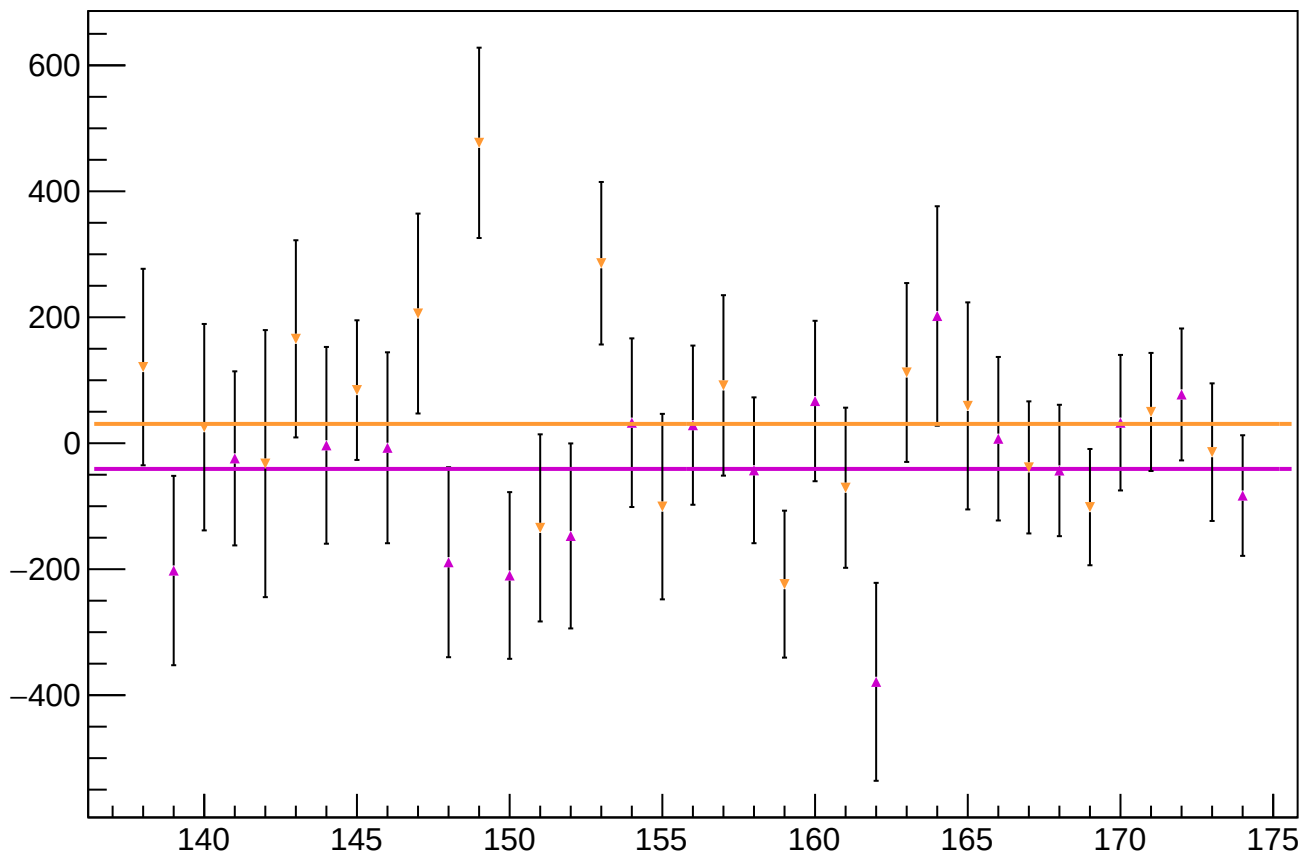
Left In: 335.293+/-0.063 χ^2/NDF :205885.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.863+/-0.045 χ^2/NDF : 435033.9/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 30.698 $\pm$ 29.692 χ^2 /NDF:25.9/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

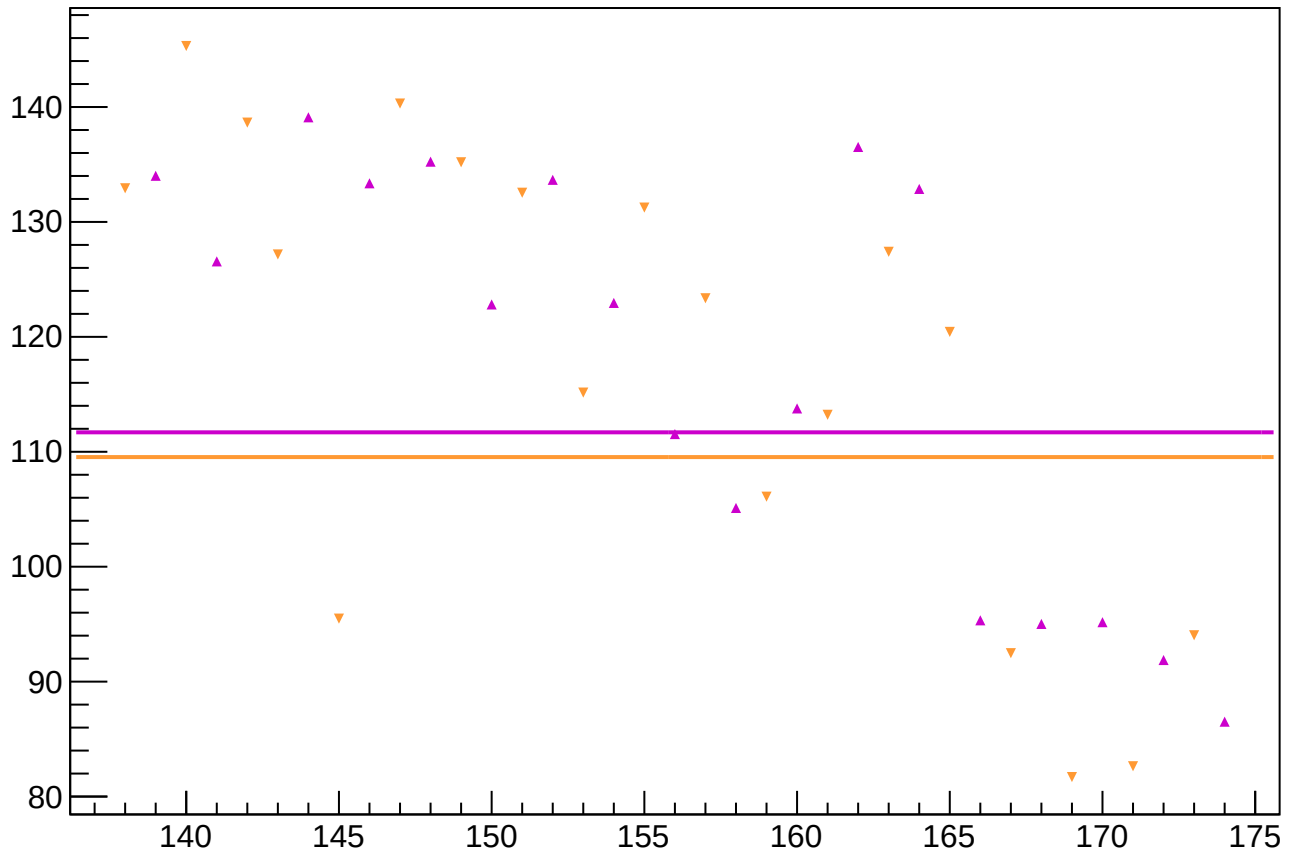
Left In: -40.780 $\pm$ 30.227 χ^2 /NDF:14.4/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.403 $\pm$ 21.182 χ^2 /NDF: 43.1/36

- sign 0.000 $\pm$ 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: 109.539+/-0.021 χ^2/NDF : 965801.5/18

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

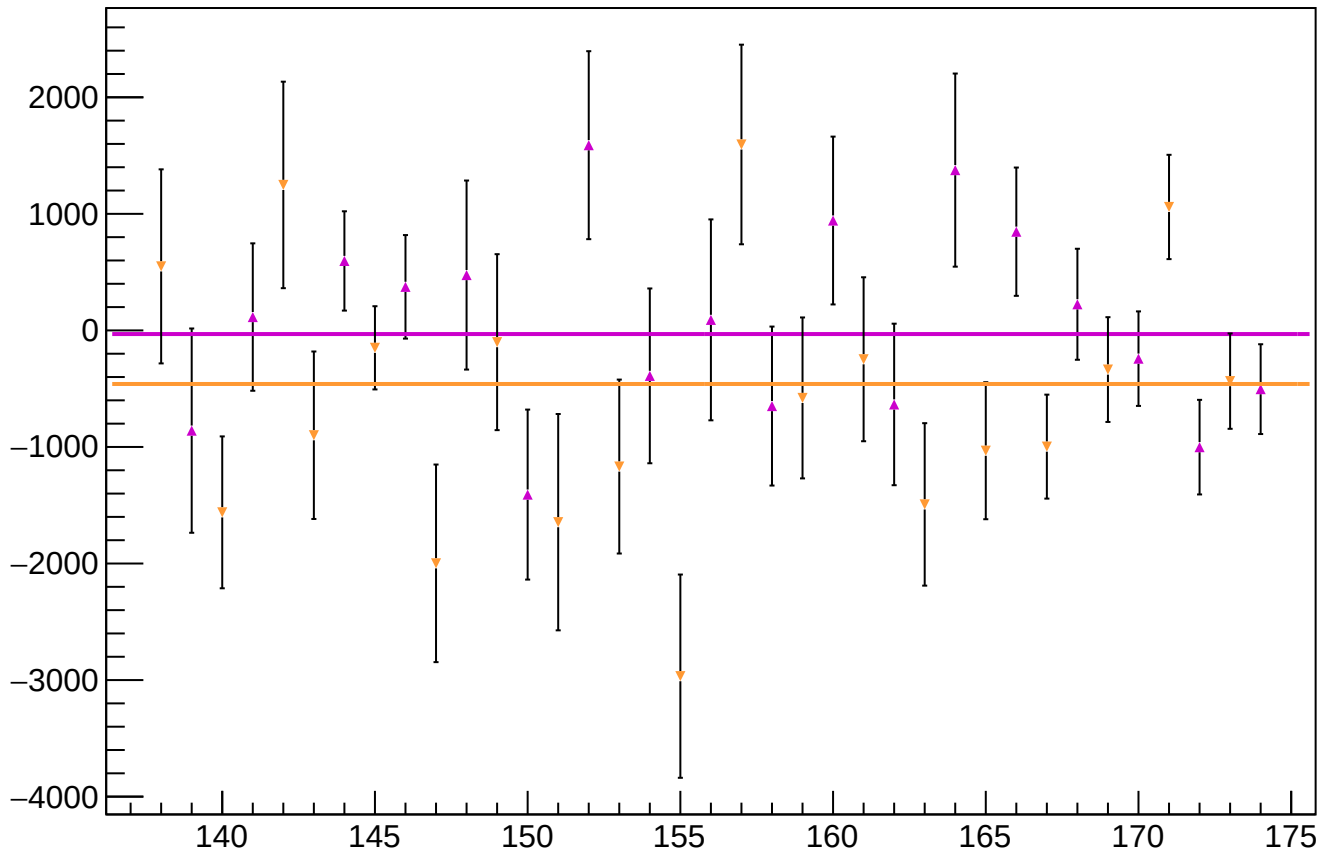
Left In: 111.692+/-0.021 χ^2/NDF : 717901.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.596+/-0.015 χ^2/NDF : 1688871.3/36

- 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: -459.635+/-136.513 χ^2/NDF : 45.6/18

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

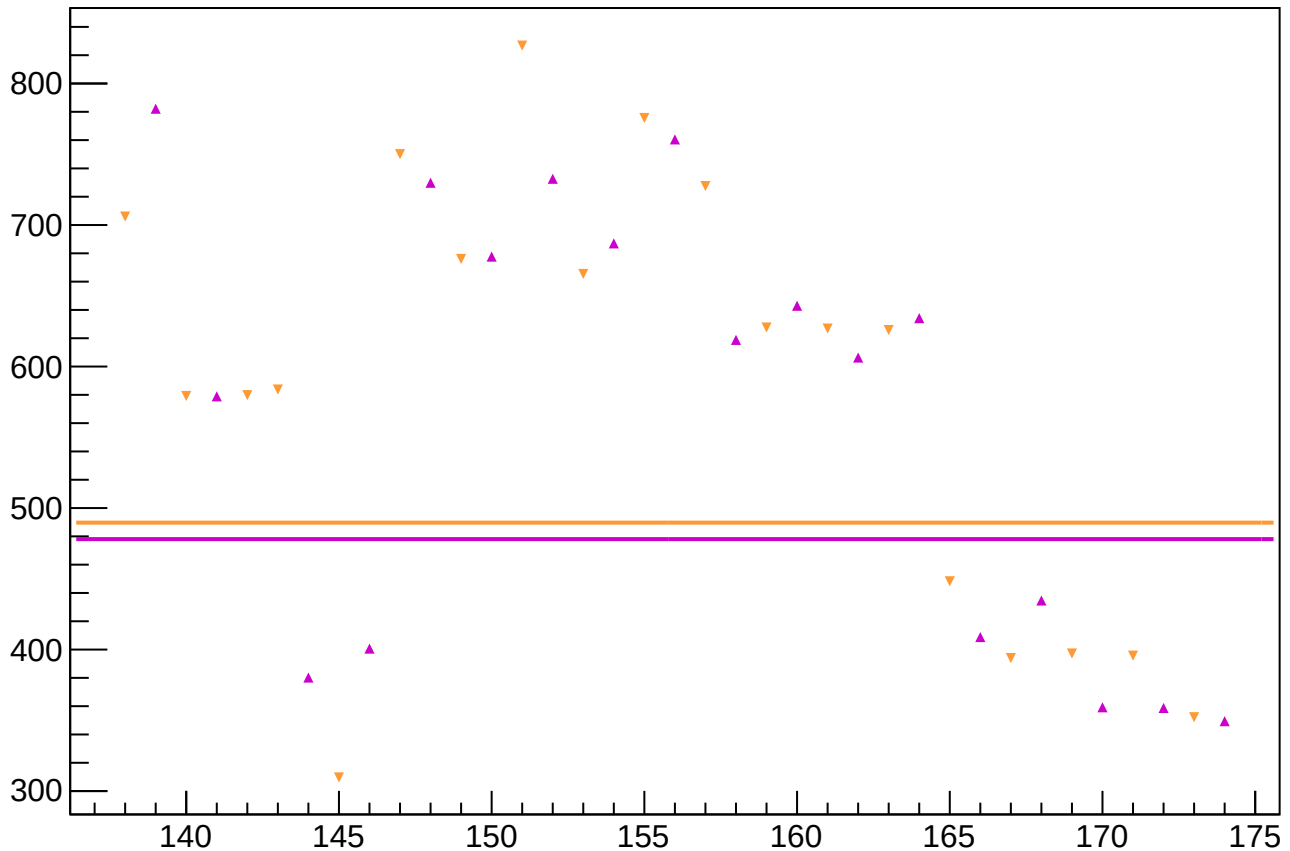
Left In: -31.281+/-132.841 χ^2/NDF : 28.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -239.621+/-95.205 χ^2/NDF : 79.4/36

- 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: 489.705+/-0.097 χ^2/NDF : 2524179.3/18

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

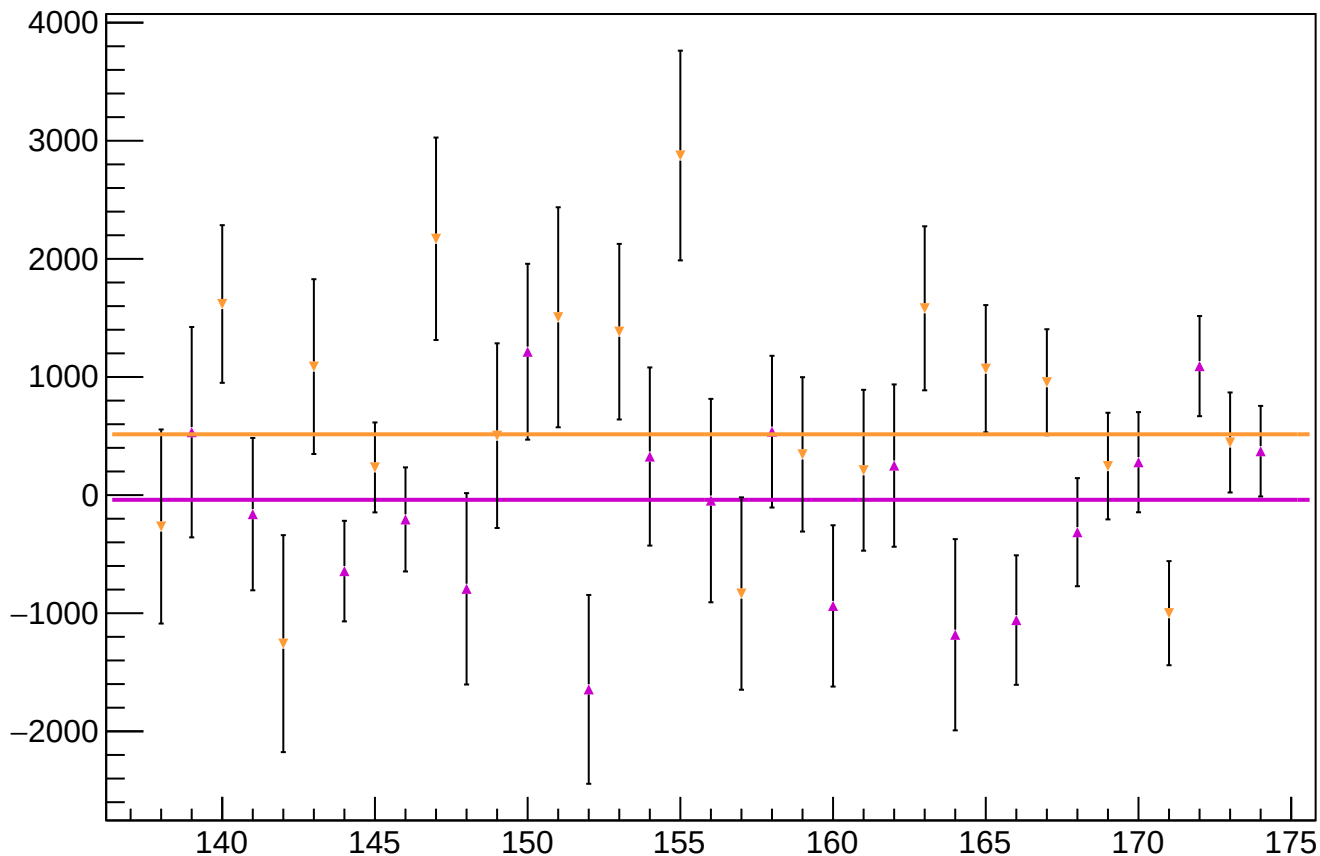
Left In: 478.063+/-0.094 χ^2/NDF : 2315838.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.725+/-0.067 χ^2/NDF : 4847489.1/36

- 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: 514.804+/-137.373 χ^2/NDF : 41.4/18

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

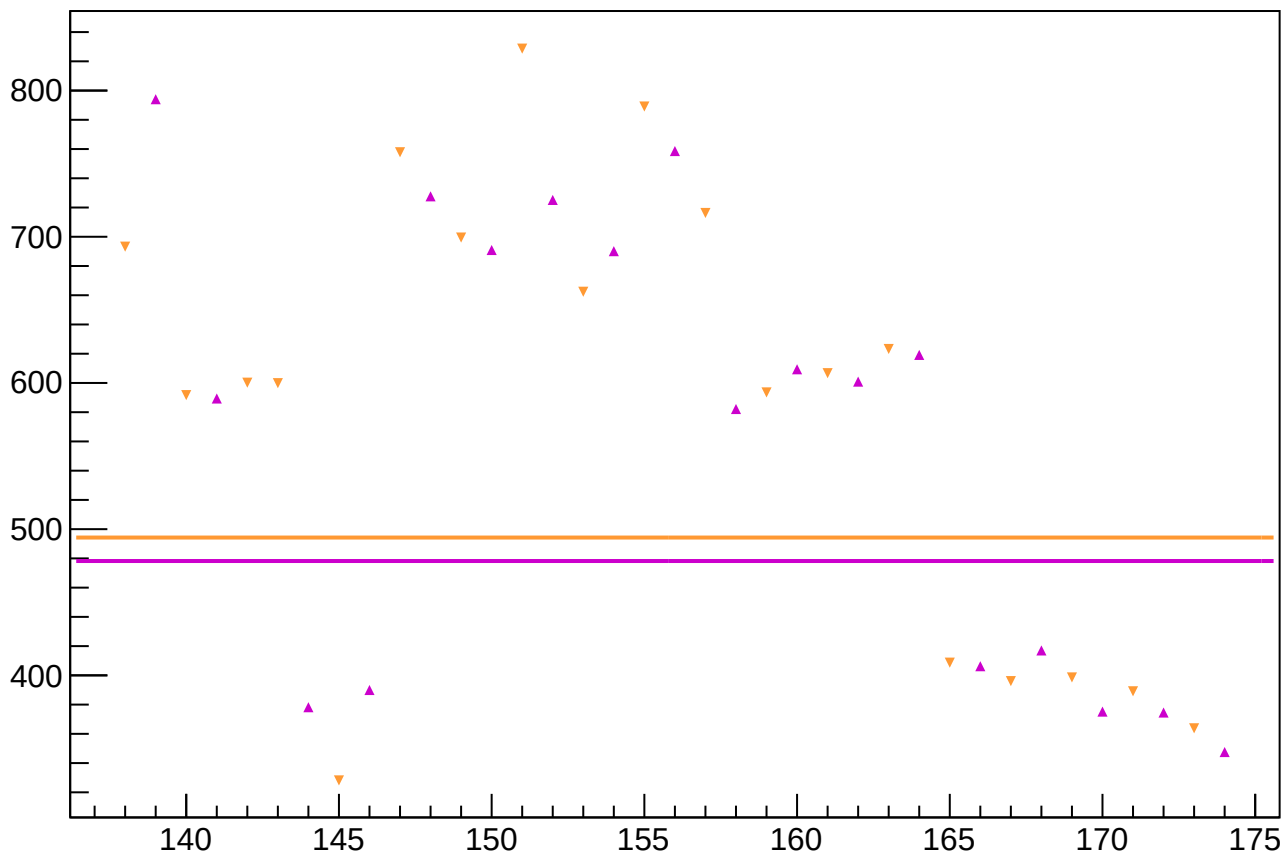
Left In: -39.871+/-132.958 χ^2/NDF : 27.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.409+/-95.538 χ^2/NDF : 77.7/36

- 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: 494.267+/-0.097 χ^2/NDF :2373659.6/18

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

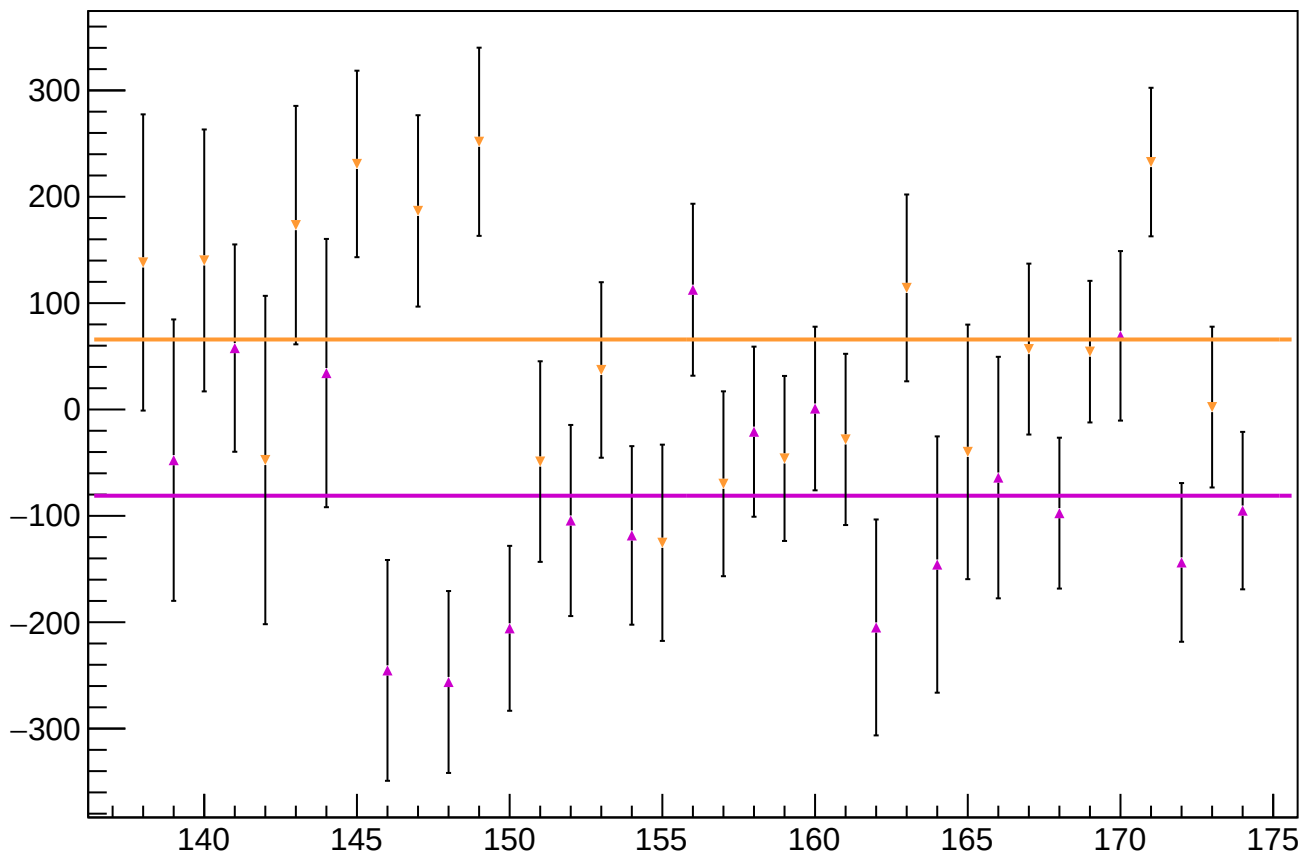
Left In: 478.210+/-0.094 χ^2/NDF :2205912.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.976+/-0.068 χ^2/NDF : 4593679.1/36

- 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: 65.816+/-20.368 χ^2/NDF : 31.2/18

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

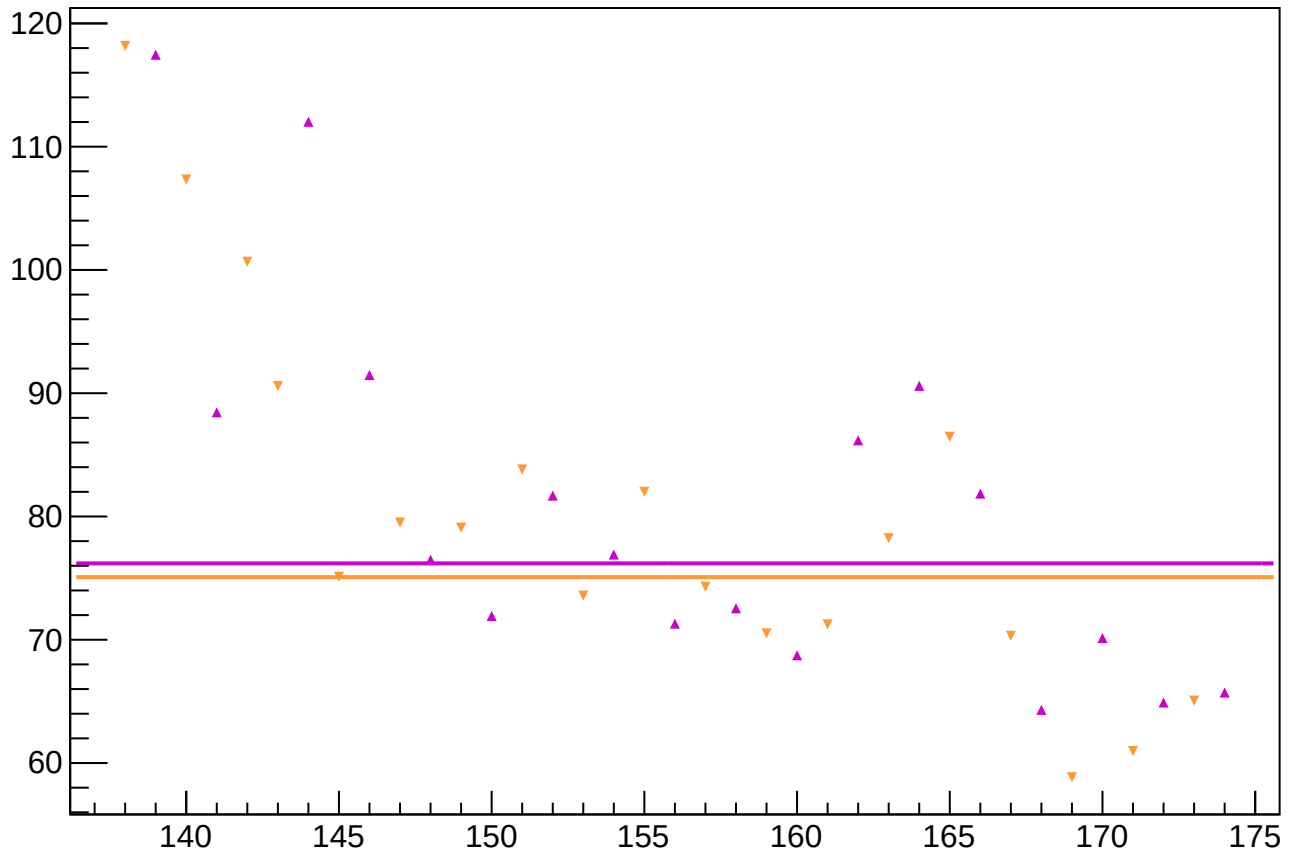
Left In: -81.061+/-20.729 χ^2/NDF : 26.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.335+/-14.528 χ^2/NDF : 82.8/36

- 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: 75.081+/-0.014 χ^2/NDF : 735095.0/18

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

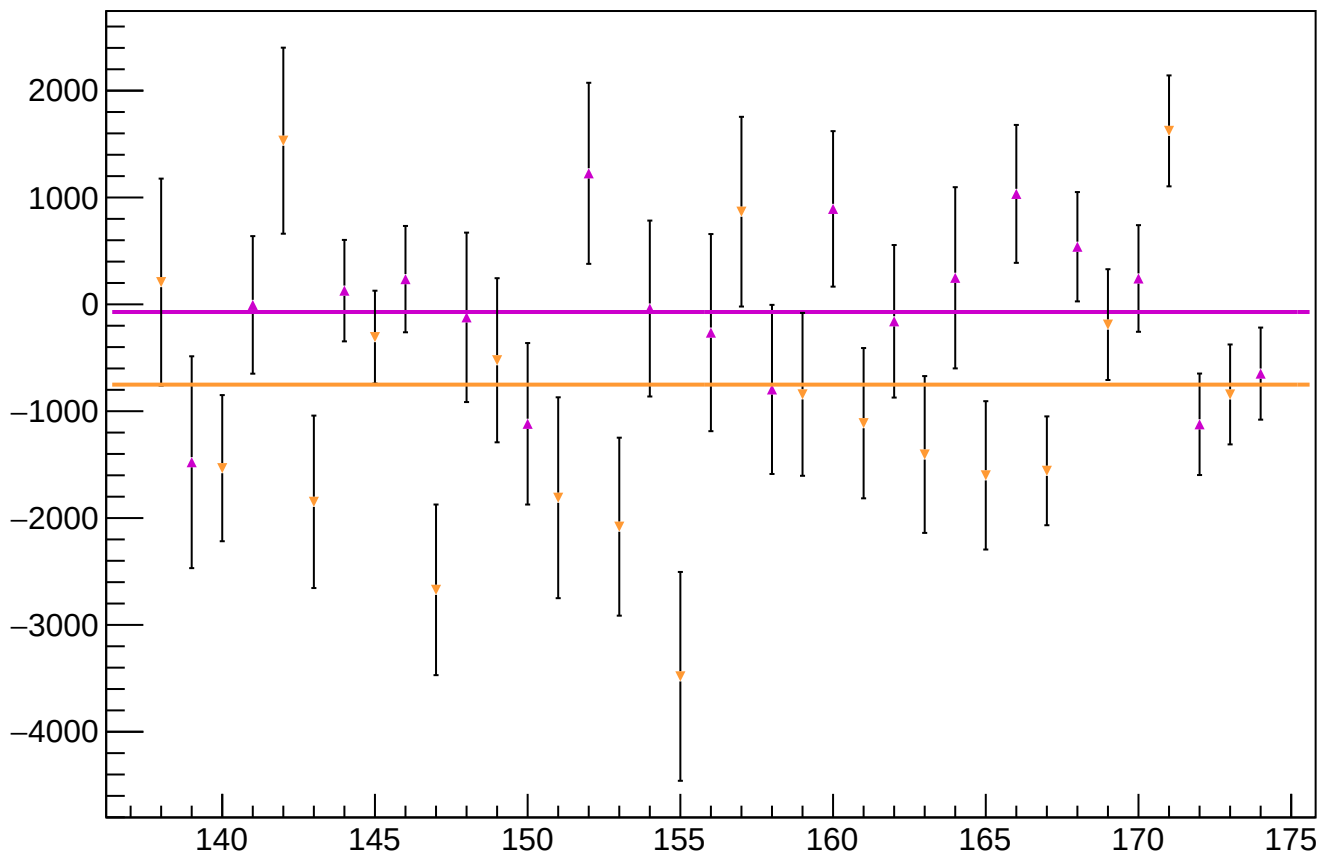
Left In: 76.197+/-0.015 χ^2/NDF : 681347.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.629+/-0.010 χ^2/NDF : 1419390.6/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -751.262 $\pm$ 152.413 χ^2 /NDF:60.1/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

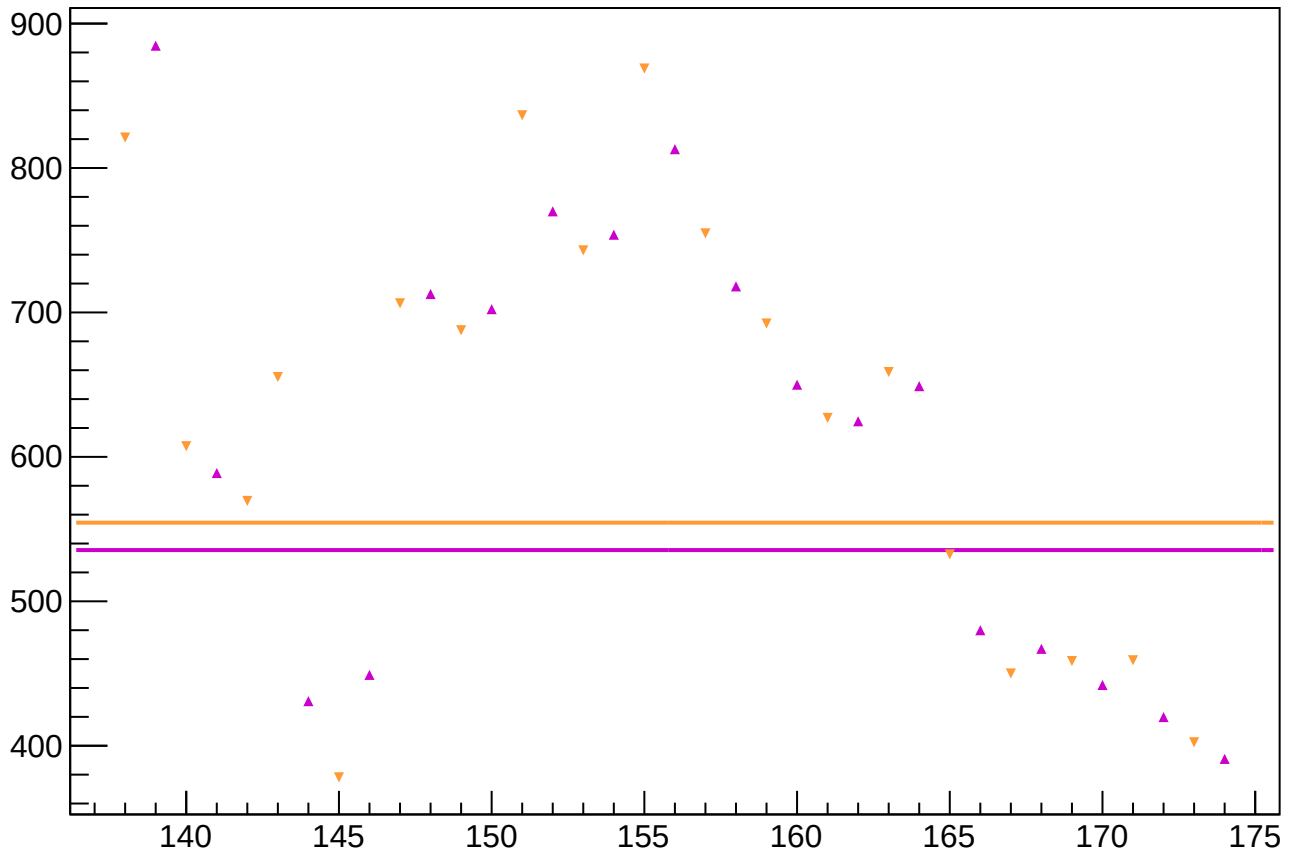
Left In: -71.620 $\pm$ 147.141 χ^2 /NDF:21.1/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -399.483 $\pm$ 105.859 χ^2 /NDF: 91.5/36

- sign 0.000 $\pm$ 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: 554.461+/-0.108 χ^2/NDF : 1809142.4/18

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

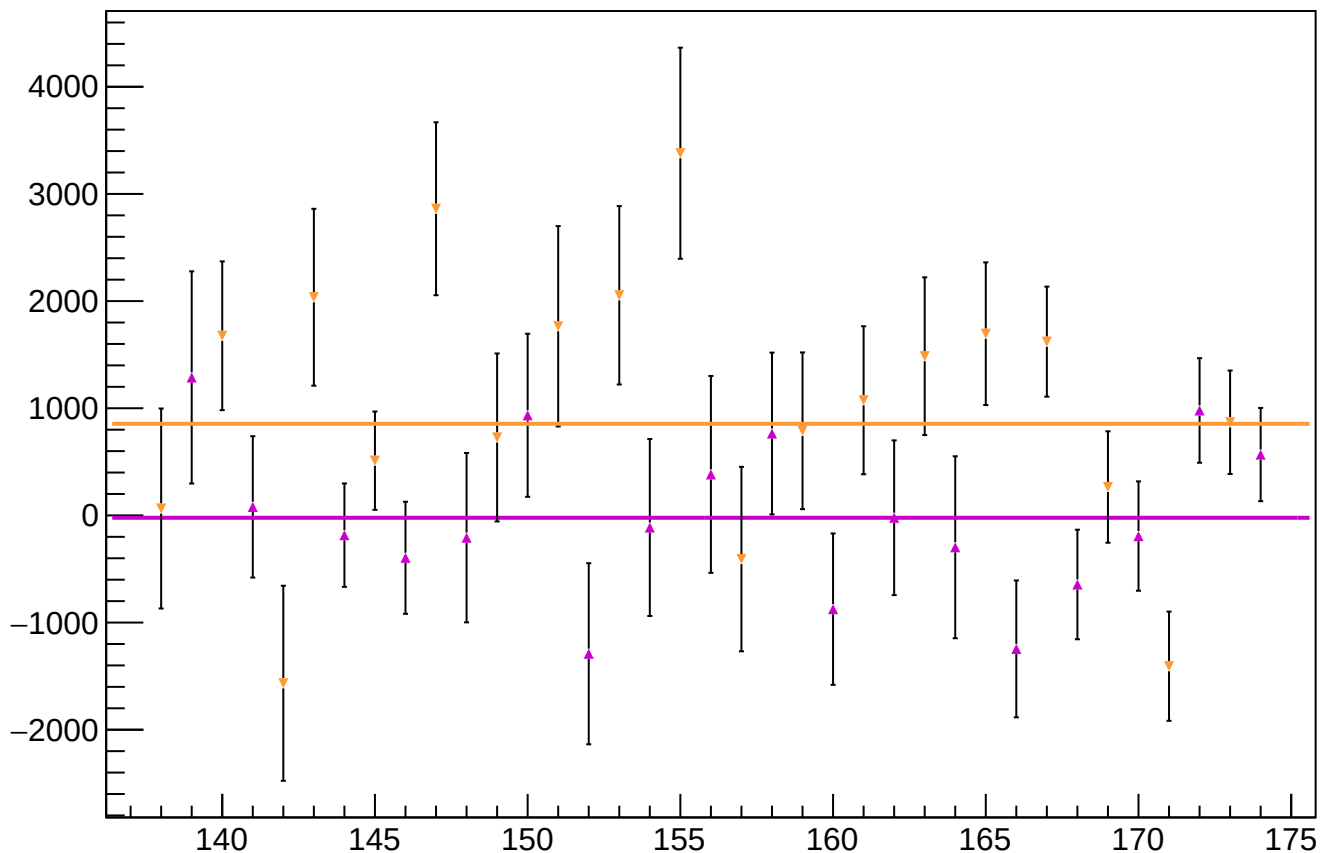
Left In: 535.479+/-0.104 χ^2/NDF : 1779060.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.636+/-0.075 χ^2/NDF : 3604260.0/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 854.878 $\pm$ 153.428 χ^2 /NDF:55.4/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

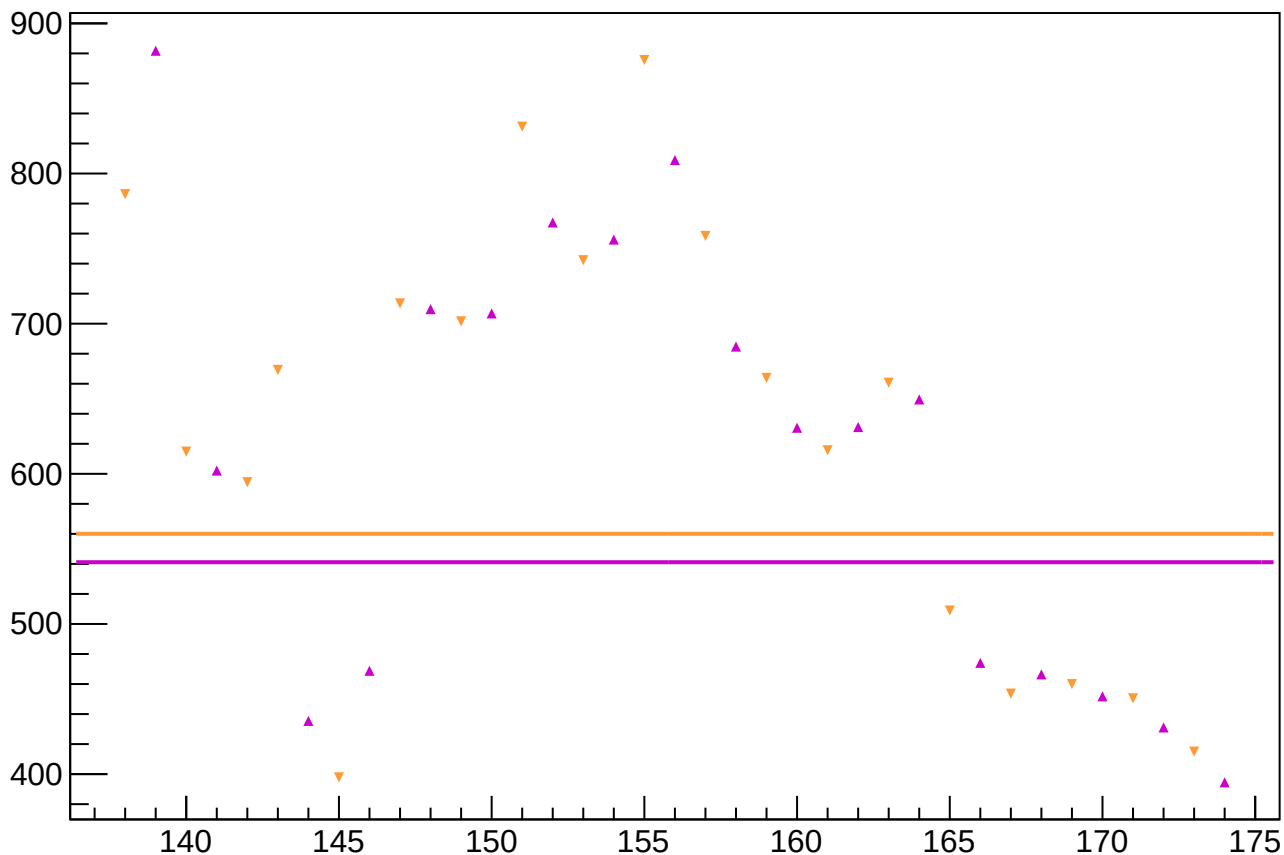
Left In: -22.065 $\pm$ 148.562 χ^2 /NDF:20.5/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 402.279 $\pm$ 106.728 χ^2 /NDF: 92.7/36

- sign 0.000 $\pm$ 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: 560.044+/-0.108 χ^2/NDF :1666674.2/18

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

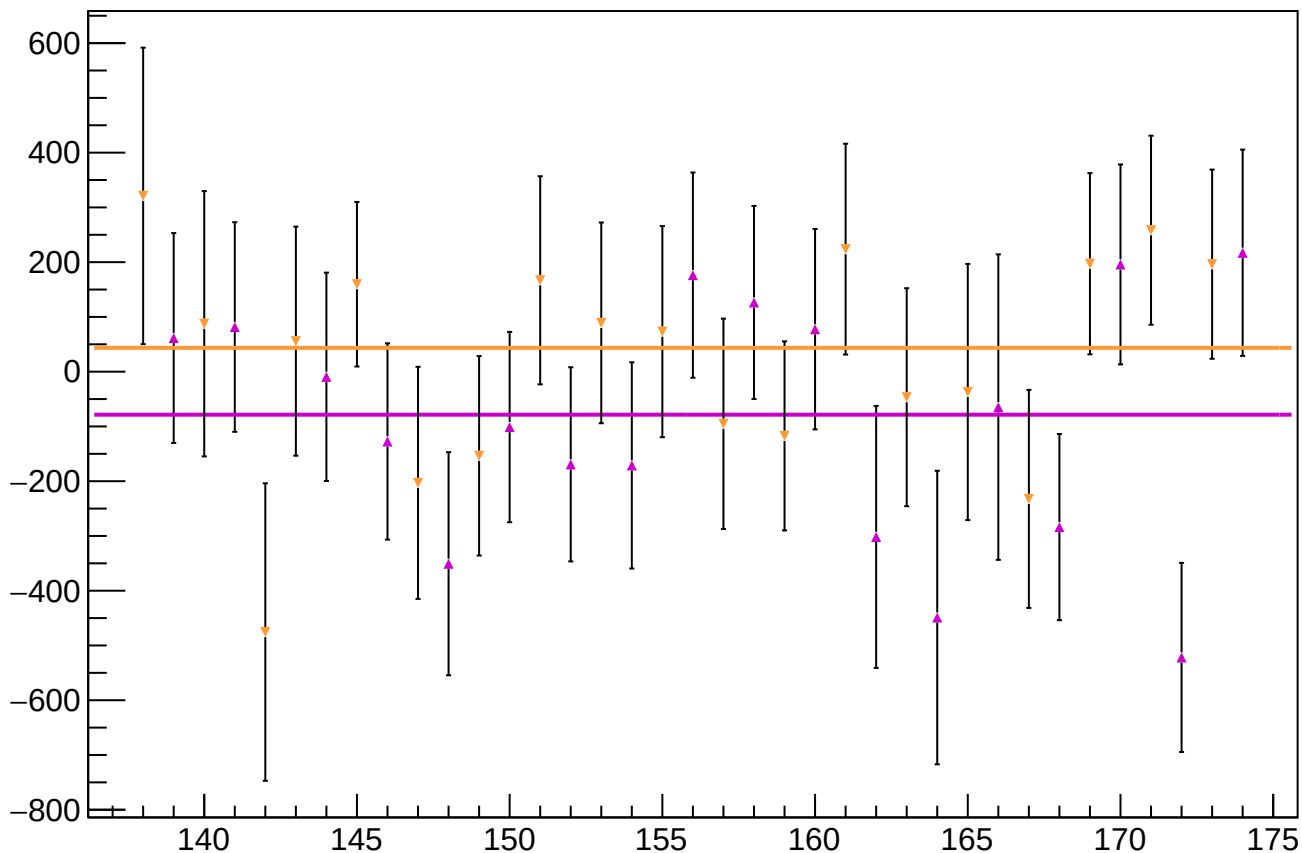
Left In: 541.134+/-0.105 χ^2/NDF :1645632.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.285+/-0.075 χ^2/NDF : 3327986.0/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 43.547 $\pm$ 44.361 χ^2 /NDF:16.1/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

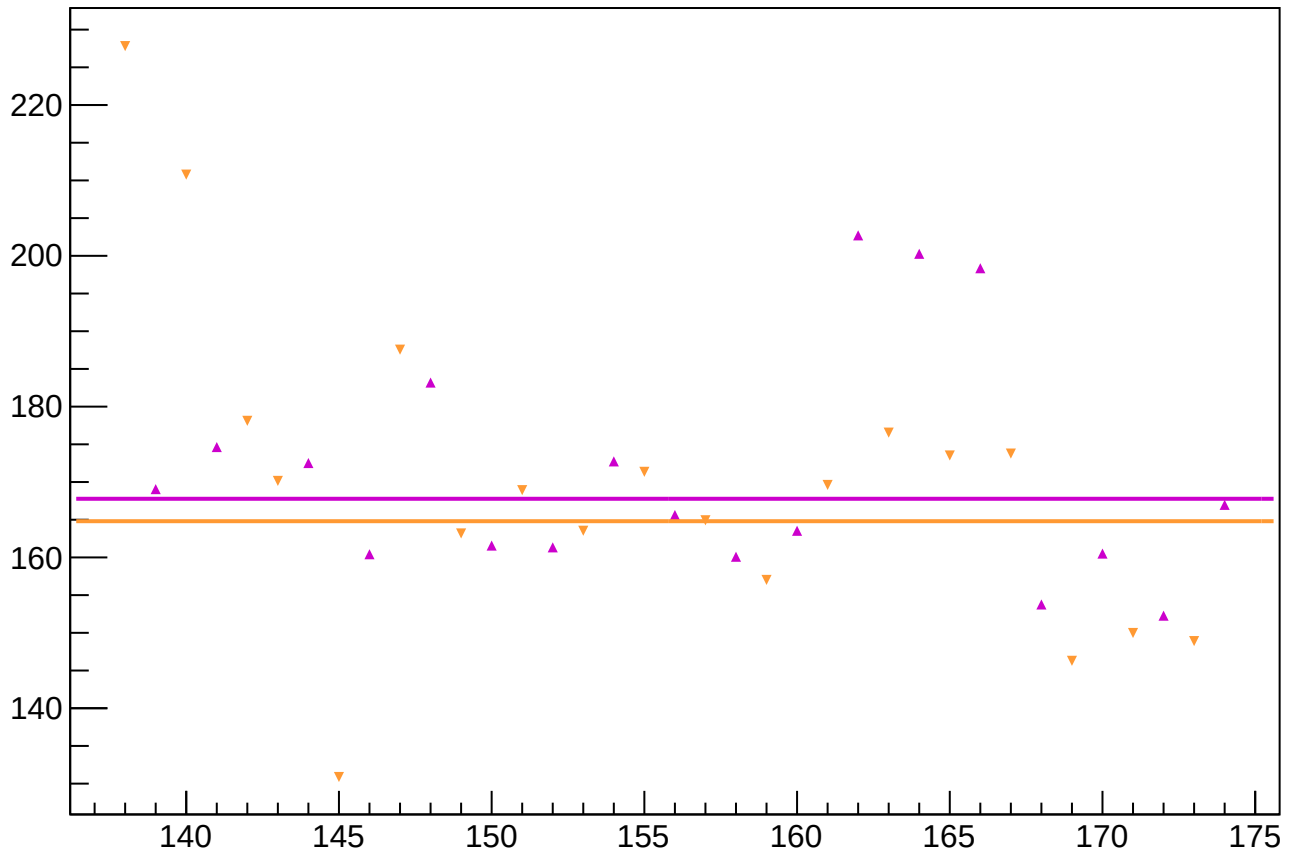
Left In: -78.512 $\pm$ 45.102 χ^2 /NDF:23.2/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.472 $\pm$ 31.627 χ^2 /NDF: 43.0/36

- sign 0.000 $\pm$ 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: 164.805+/-0.031 χ^2/NDF : 390818.4/18

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

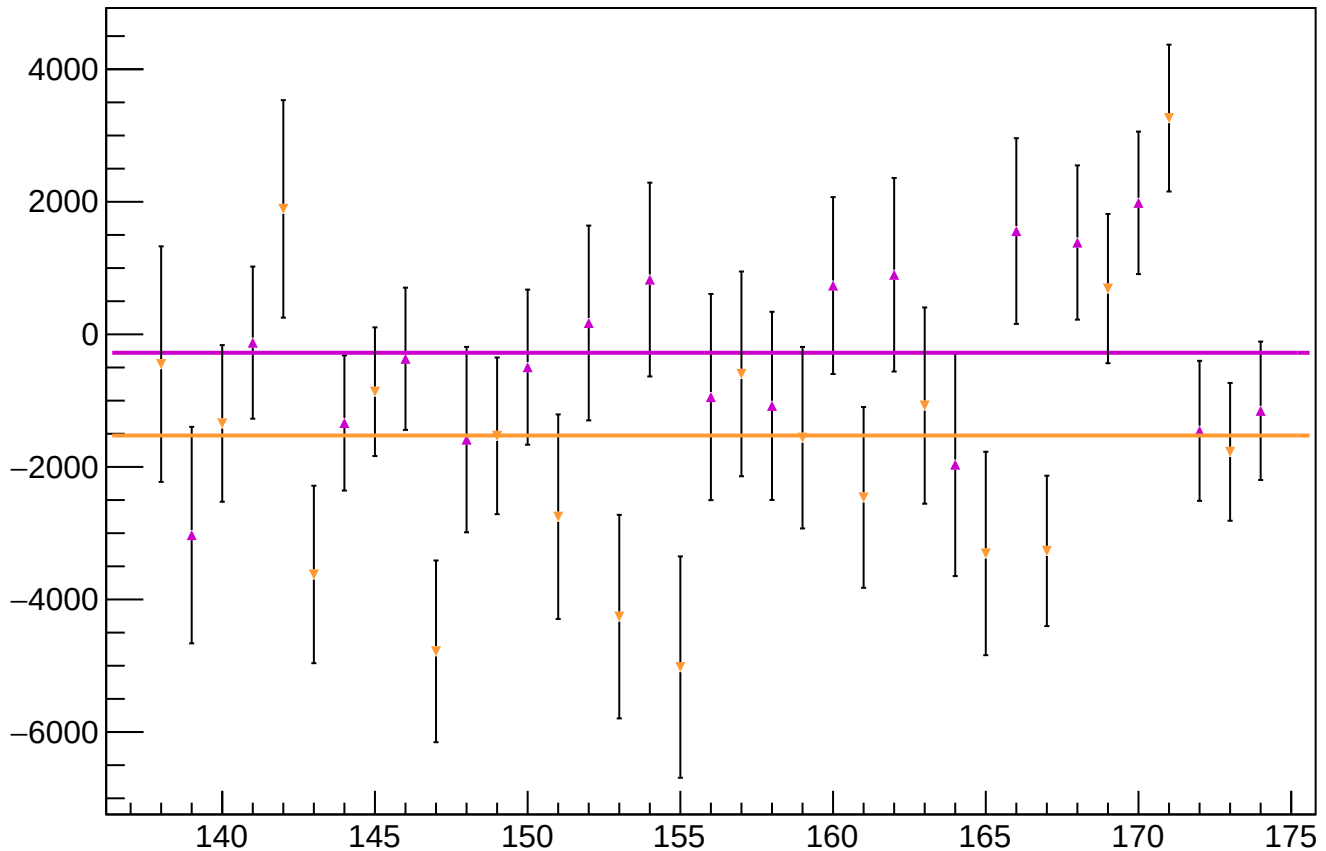
Left In: 167.778+/-0.032 χ^2/NDF : 159430.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.267+/-0.022 χ^2/NDF : 554667.2/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1526.135 $\pm$ 299.471 χ^2 /NDF: 48.7/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

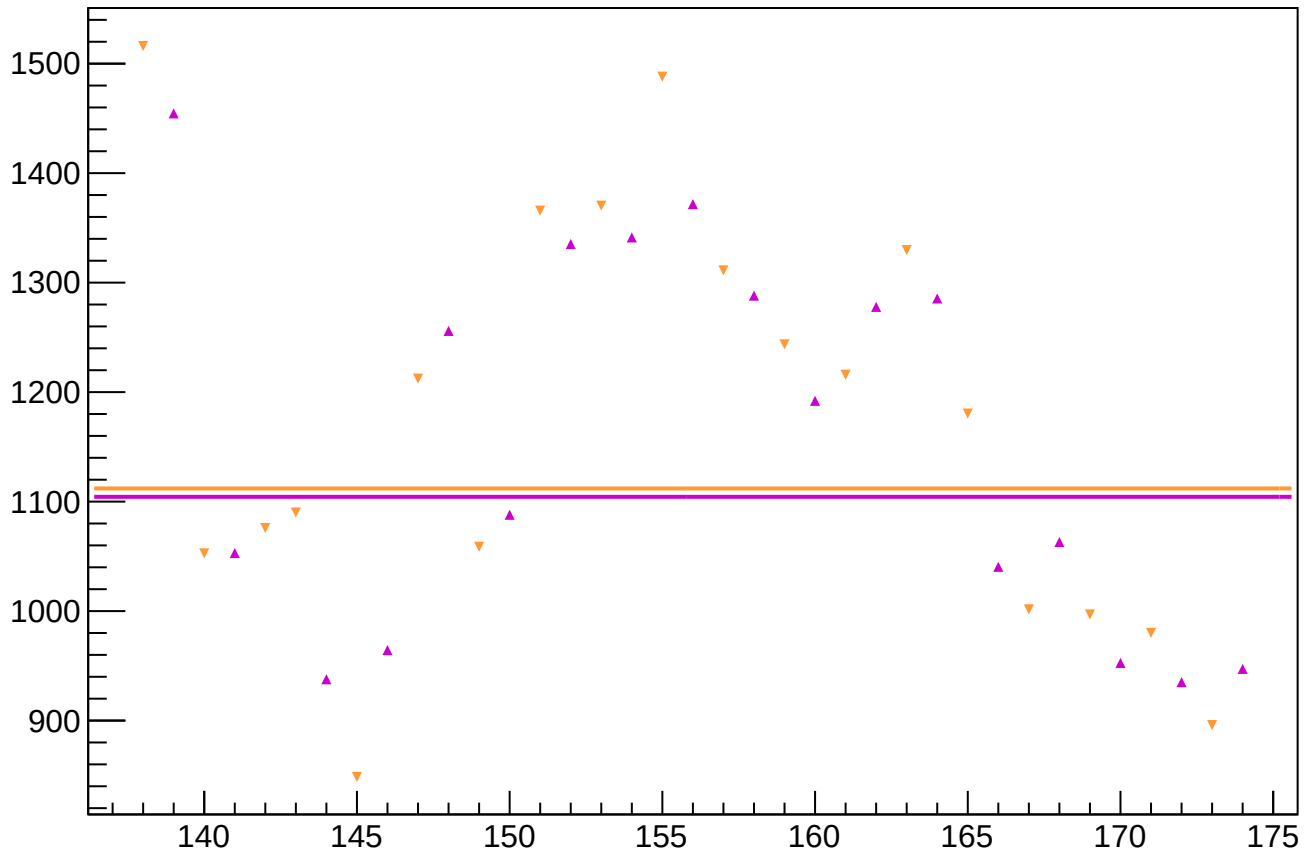
Left In: -278.010 $\pm$ 296.751 χ^2 /NDF: 18.4/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -896.377 $\pm$ 210.790 χ^2 /NDF: 75.9/36

- sign 0.000 $\pm$ 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: 1112.006+/-0.212 χ^2/NDF : 749442.0/18

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

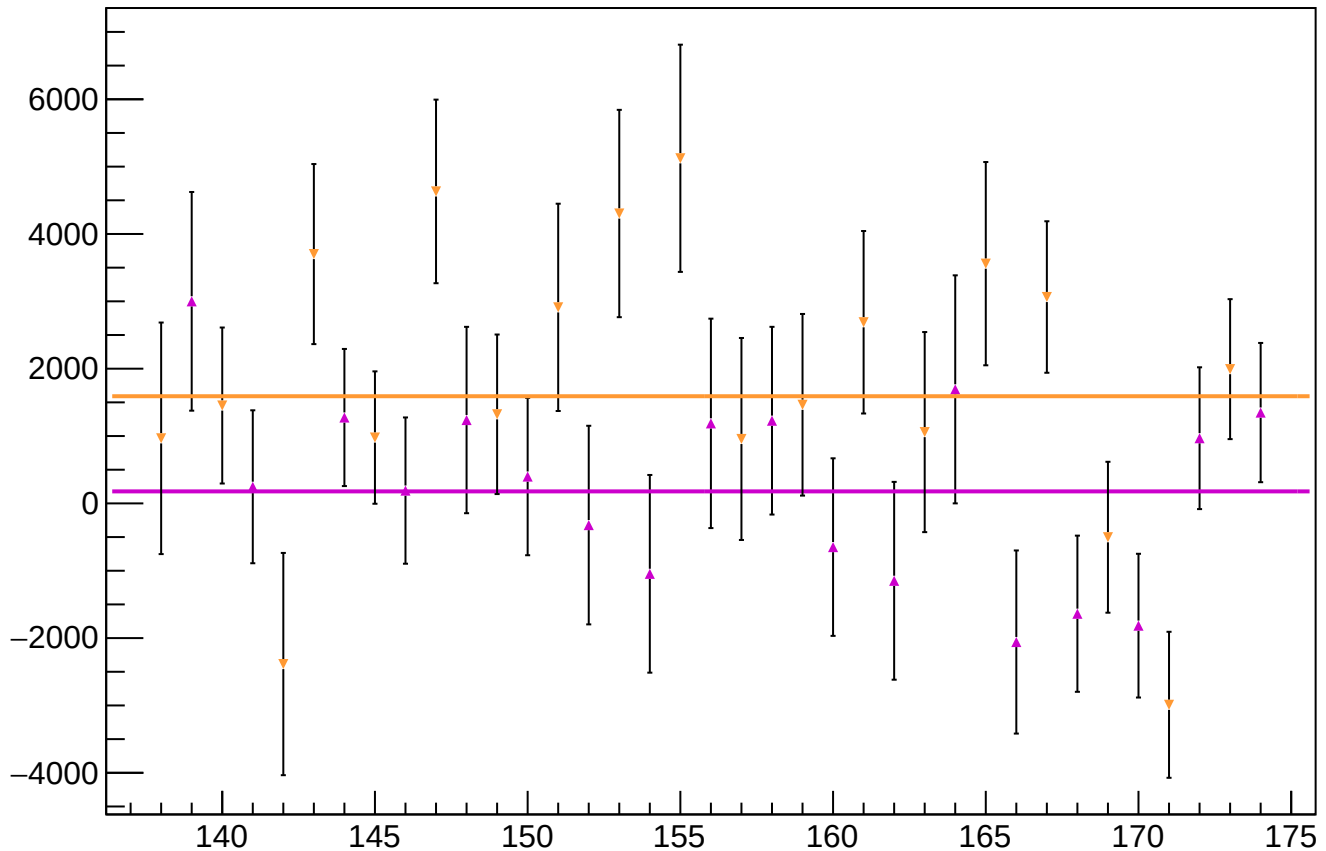
Left In: 1104.378+/-0.210 χ^2/NDF : 604894.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.158+/-0.149 χ^2/NDF : 1354990.8/30

- 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: 1591.002+/-297.608 χ^2/NDF : 48.0/18

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

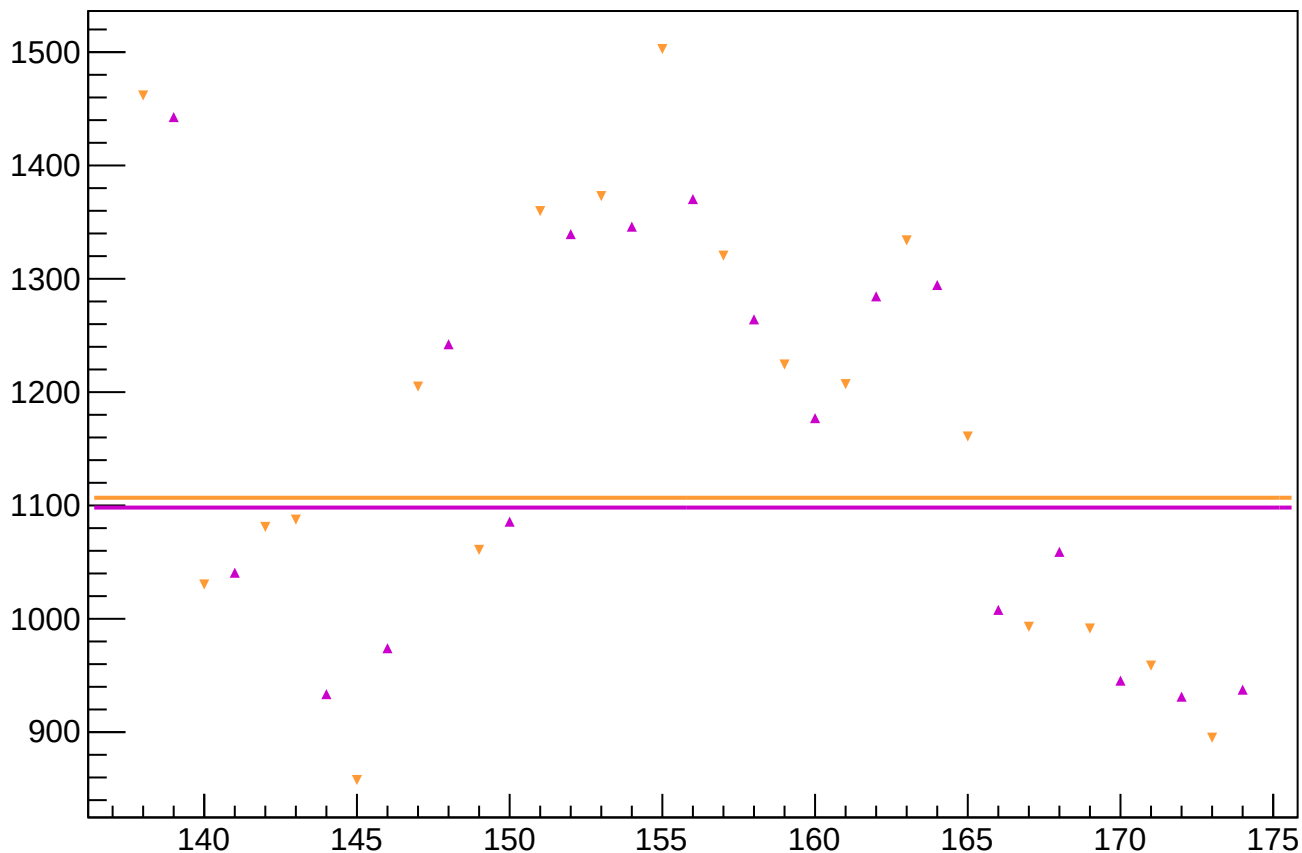
Left In: 178.227+/-295.324 χ^2/NDF : 19.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 879.172+/-209.629 χ^2/NDF : 78.5/36

- 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: 1106.827+/-0.210 χ^2/NDF : 738885.0/18

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

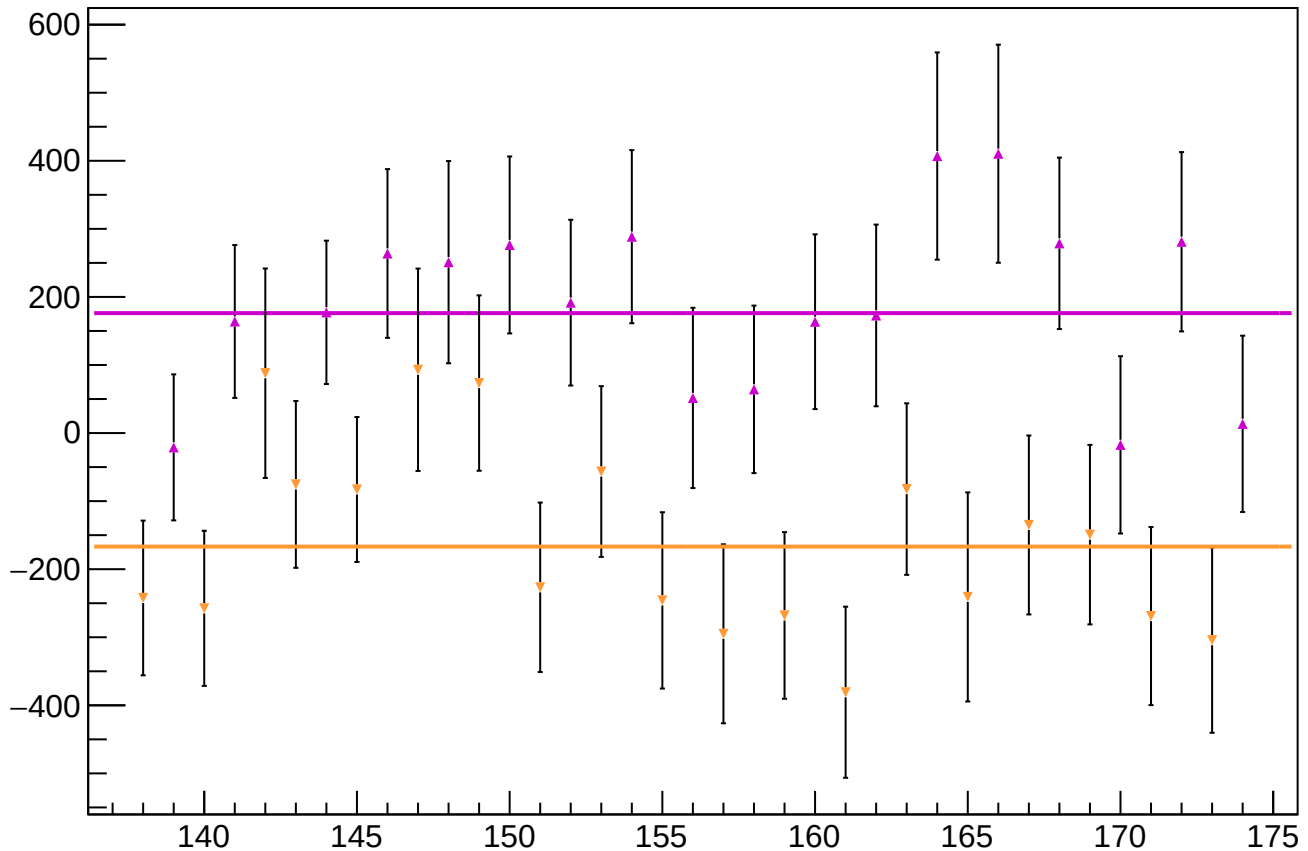
Left In: 1098.148+/-0.209 χ^2/NDF : 612794.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.454+/-0.148 χ^2/NDF : 1352537.0/30

- 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: -166.793+/-29.289 χ^2/NDF :19.8/18

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

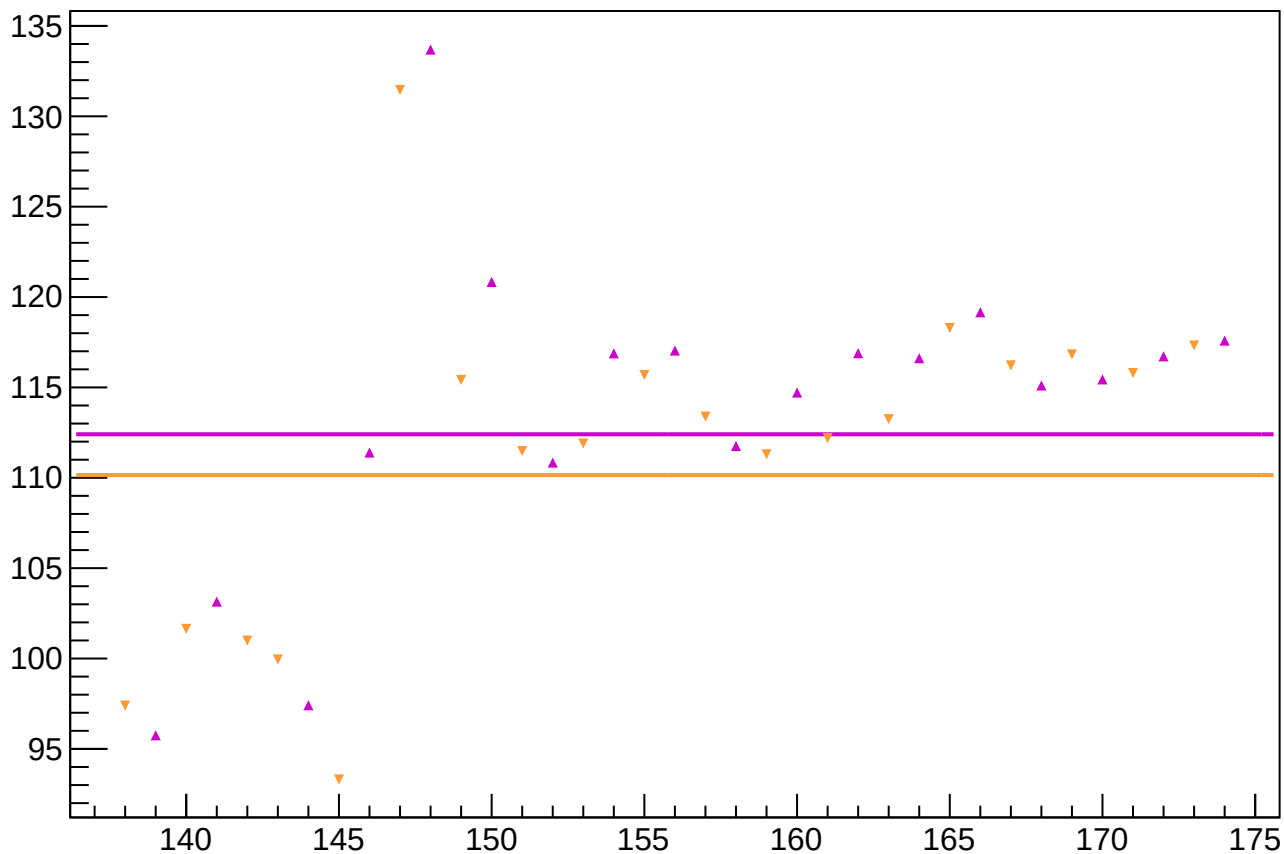
Left In: 176.216+/-29.927 χ^2/NDF :16.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.016+/-20.933 χ^2/NDF : 103.7/36

- 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: 110.149+/-0.021 χ^2/NDF : 183394.6/18

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

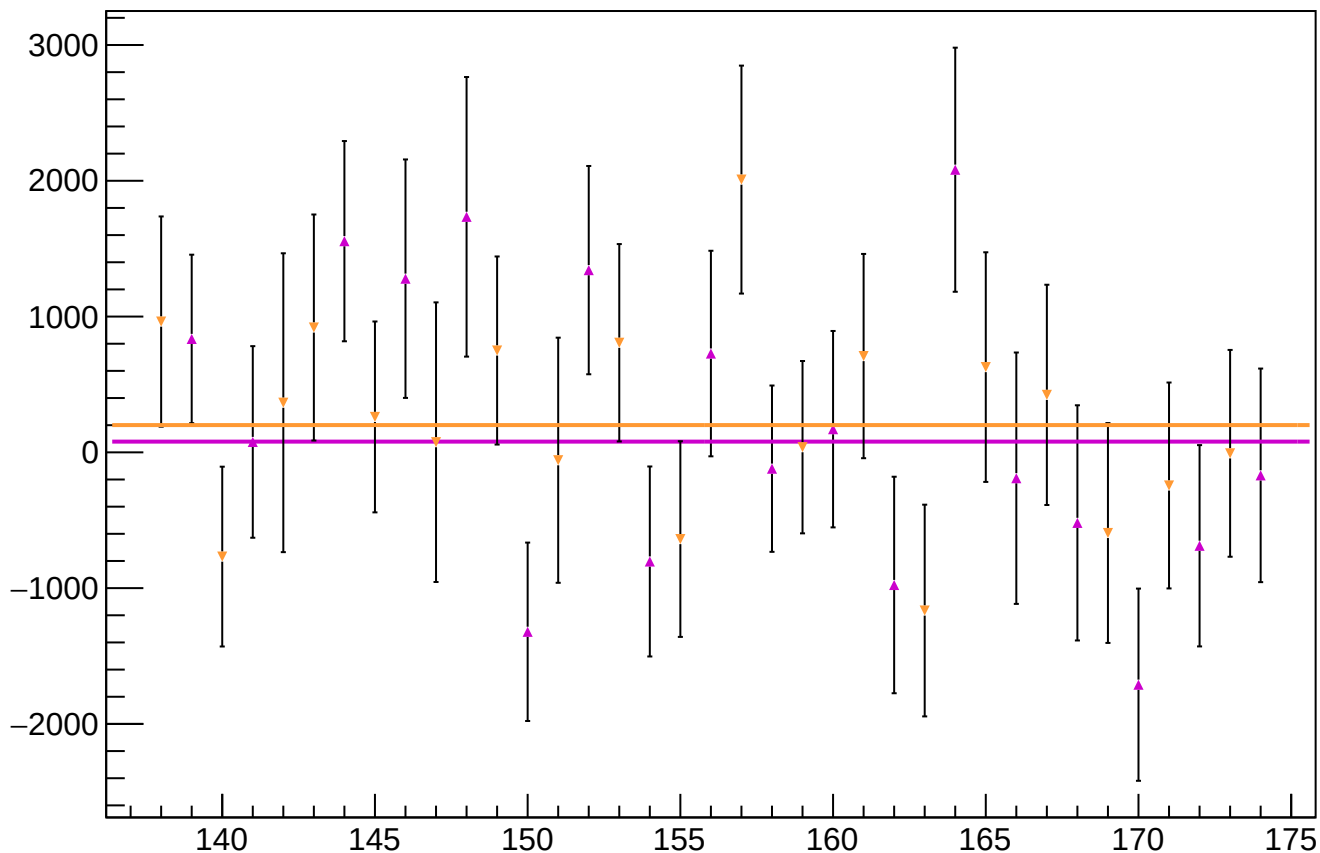
Left In: 112.408+/-0.021 χ^2/NDF : 172598.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.254+/-0.015 χ^2/NDF : 361813.7/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 200.787 $\pm$ 178.065 χ^2 /NDF:16.6/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

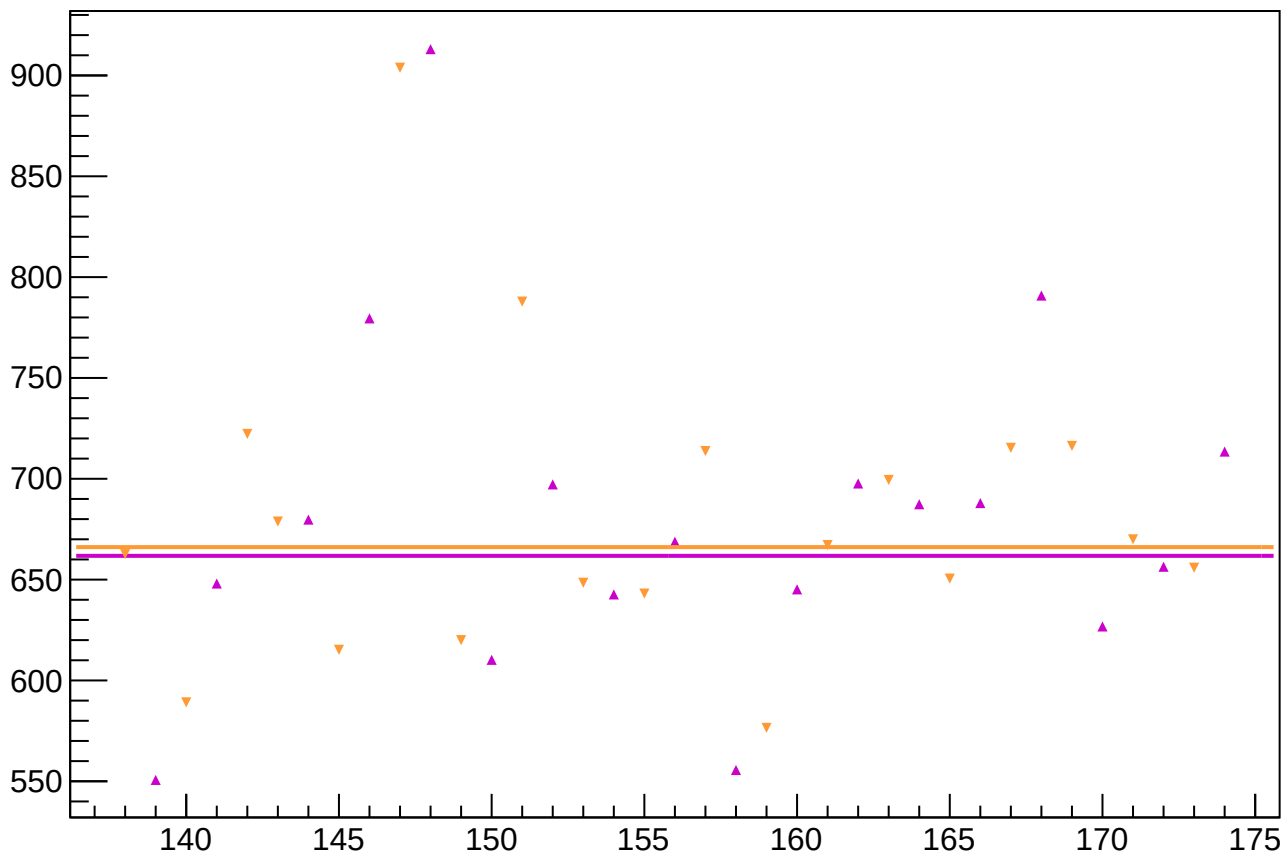
Left In: 79.043 $\pm$ 177.295 χ^2 /NDF:34.5/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 139.651 $\pm$ 125.638 χ^2 /NDF: 51.3/36

- sign 0.000 $\pm$ 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: 666.123+/-0.126 χ^2/NDF : 264443.1/18

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

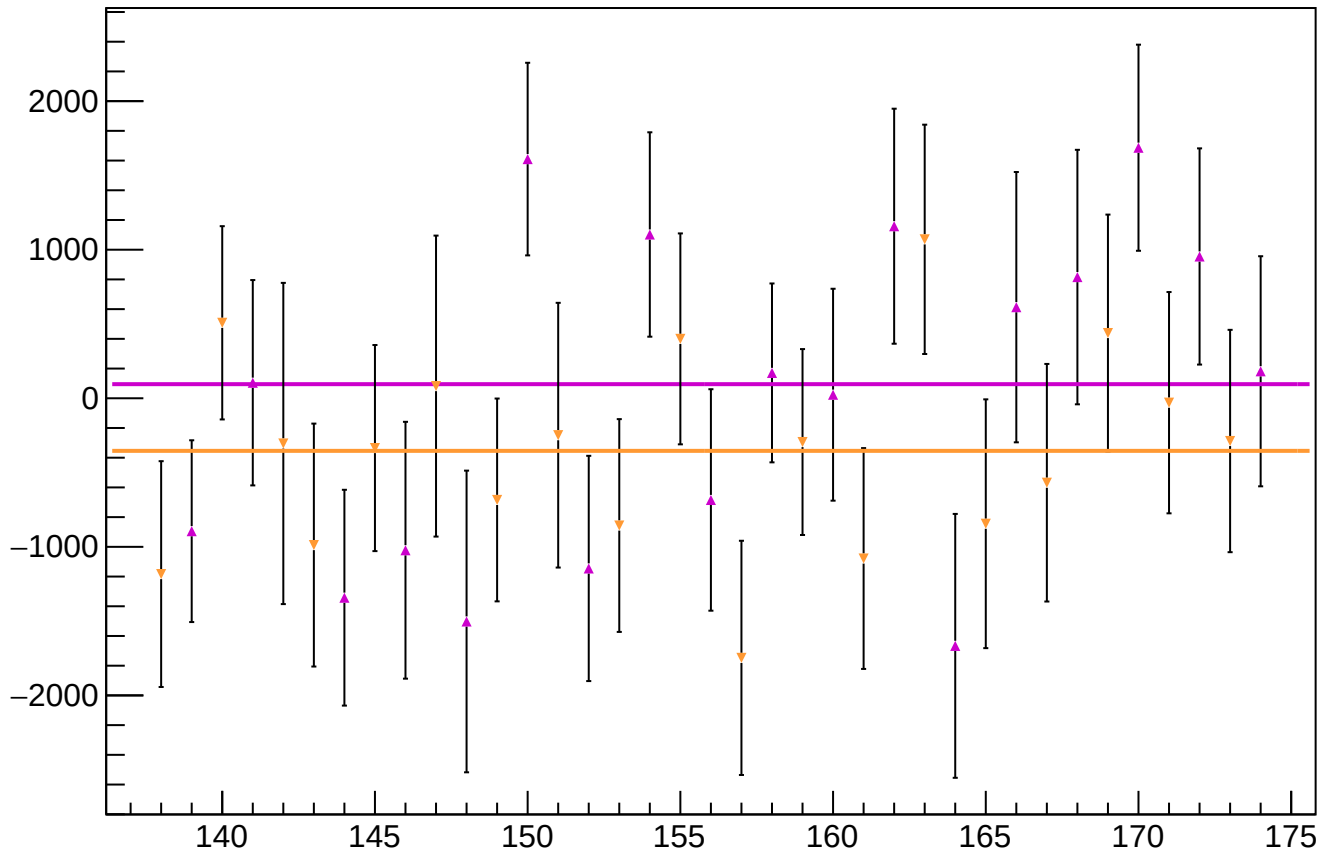
Left In: 661.793+/-0.125 χ^2/NDF : 365935.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.948+/-0.089 χ^2/NDF : 630972.8/36

- 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: -353.925+/-175.018 χ^2/NDF :14.7/18

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

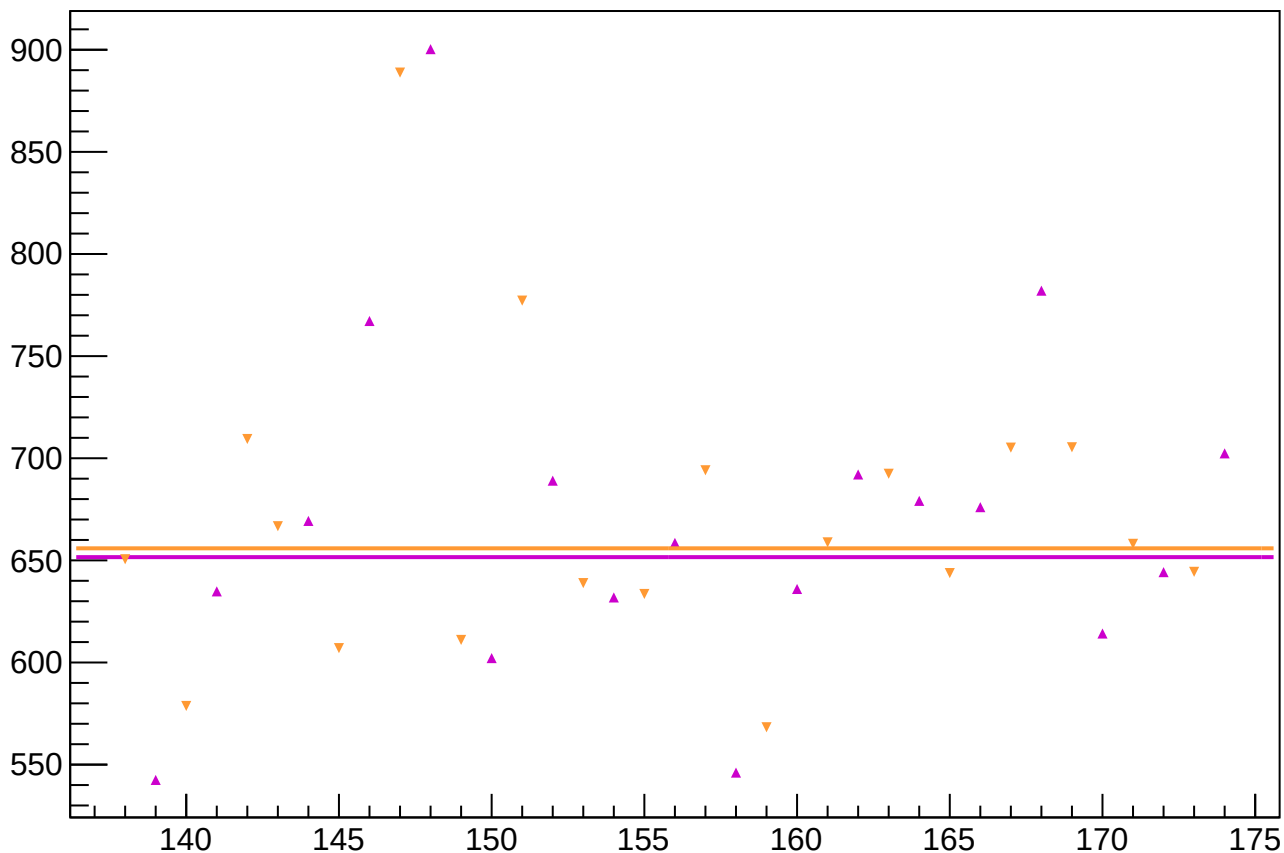
Left In: 94.963+/-174.603 χ^2/NDF :35.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.949+/-123.609 χ^2/NDF : 53.5/36

- 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: 655.900+/-0.124 χ^2/NDF : 262640.3/18

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

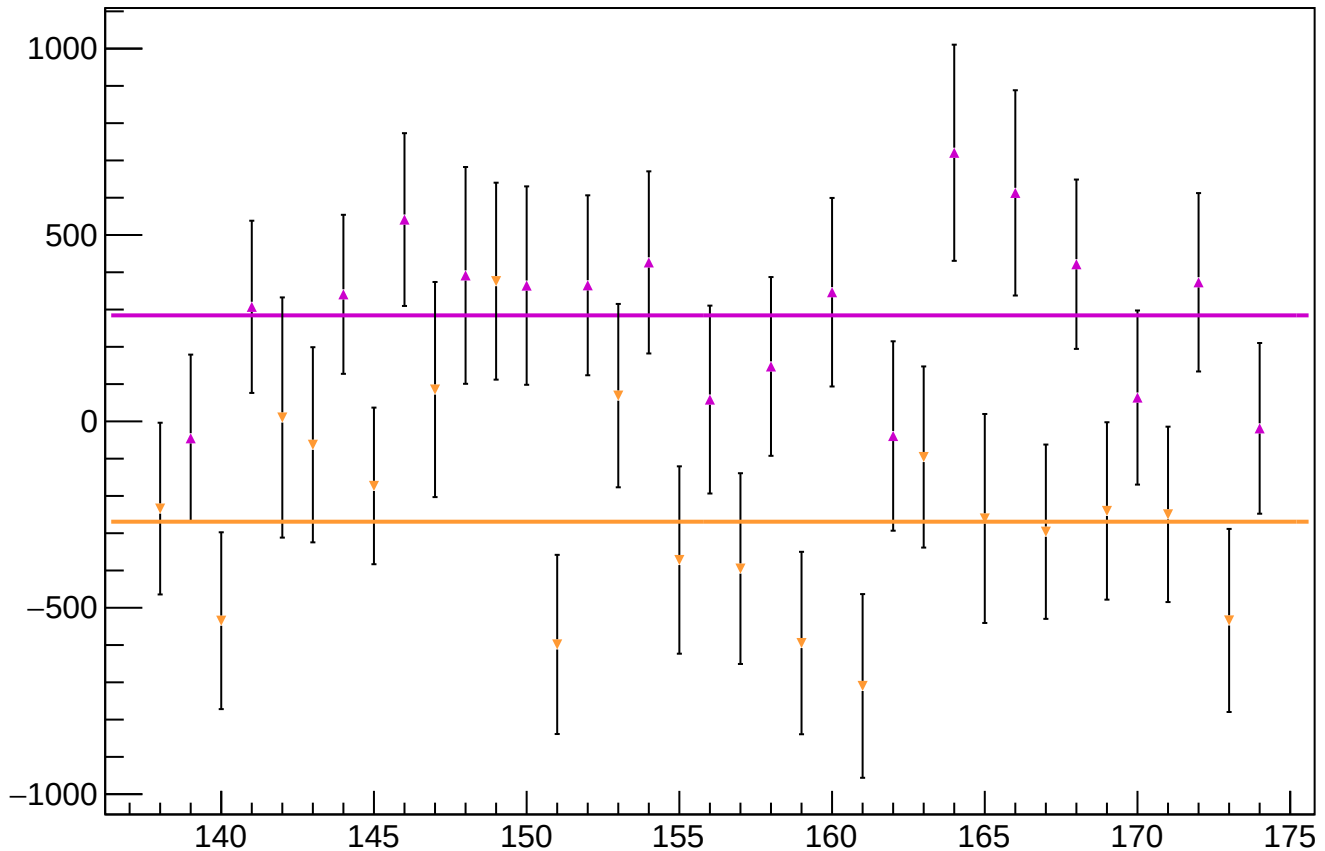
Left In: 651.585+/-0.123 χ^2/NDF : 372086.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.738+/-0.087 χ^2/NDF : 635335.8/36

- 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: -269.092+/-56.957 χ^2/NDF : 21.2/18

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

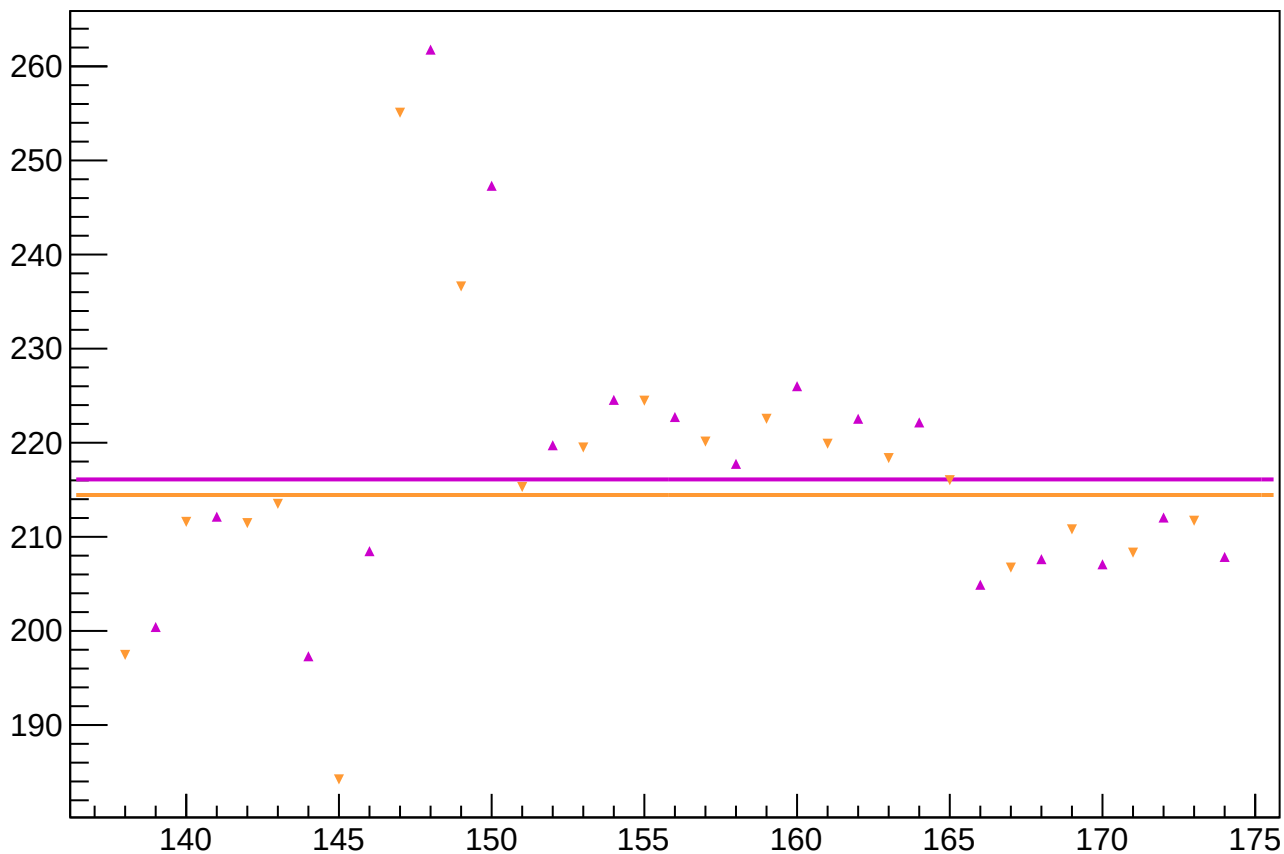
Left In: 284.389+/-57.482 χ^2/NDF : 13.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.113+/-40.459 χ^2/NDF : 81.8/36

- 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: 214.445+/-0.040 χ^2/NDF : 119549.9/18

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

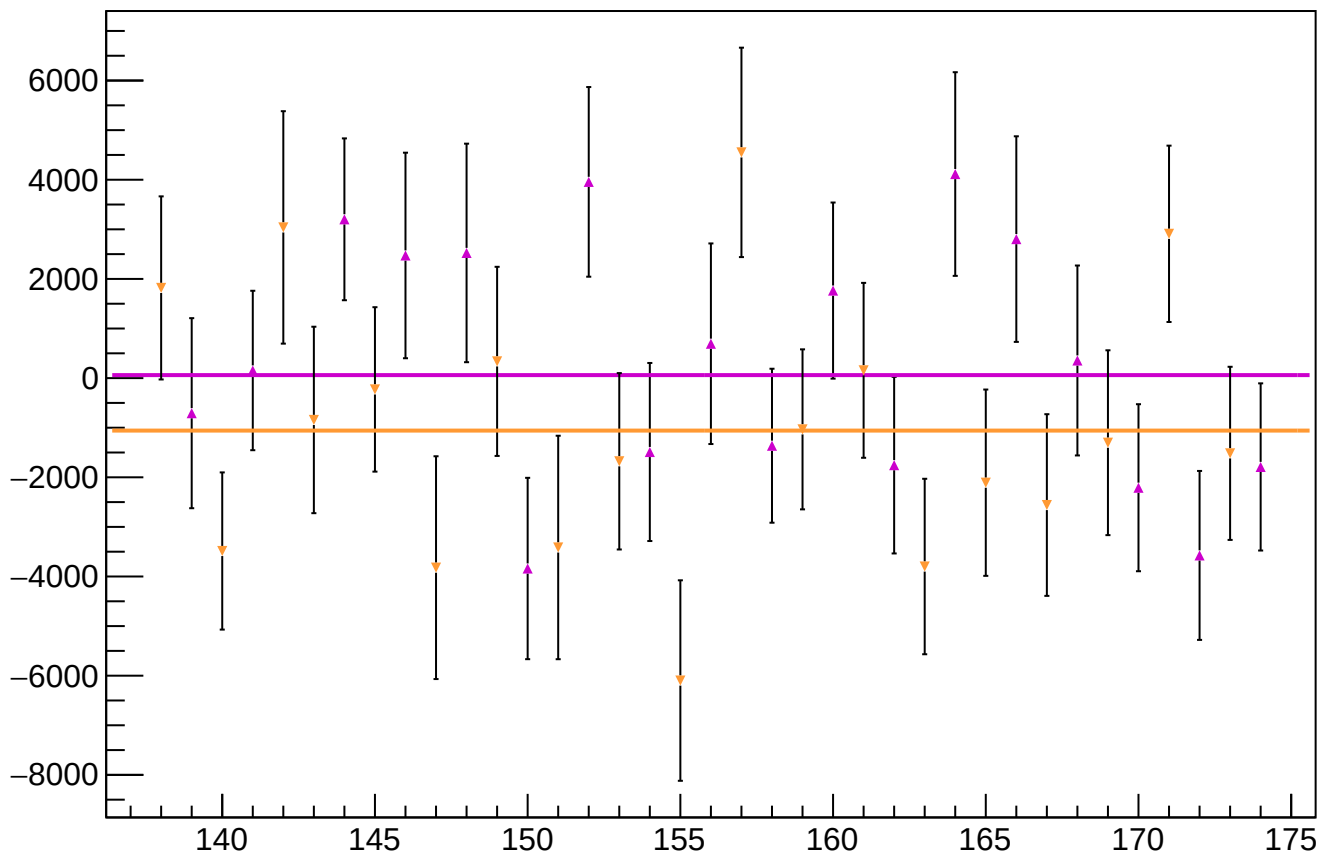
Left In: 216.100+/-0.041 χ^2/NDF : 126681.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.265+/-0.029 χ^2/NDF : 247068.0/36

- 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: -1057.926+/-425.792 χ^2/NDF :33.6/18

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

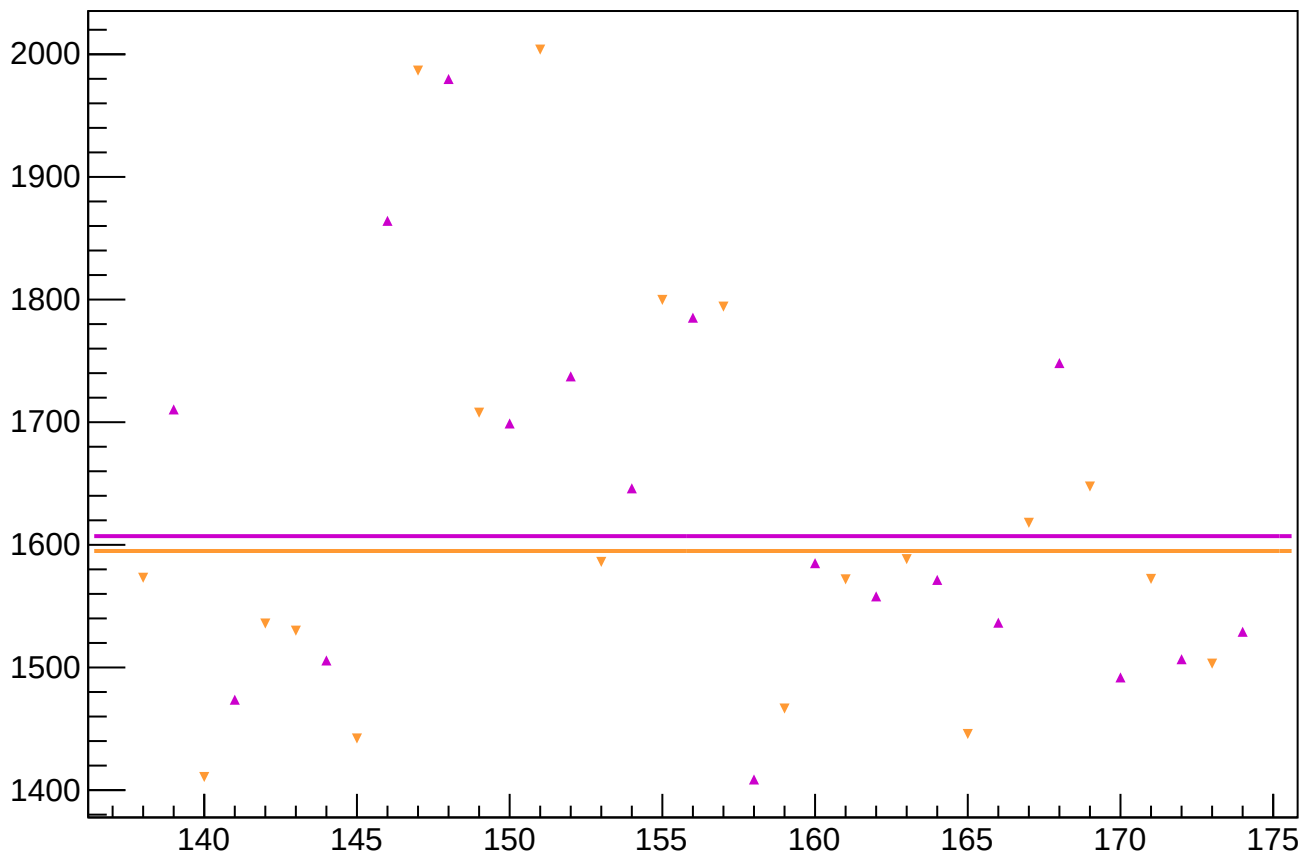
Left In: 60.696+/-428.696 χ^2/NDF :32.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.416+/-302.102 χ^2/NDF : 69.1/36

- 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: 1594.987+/-0.301 χ^2/NDF :253509.5/18

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

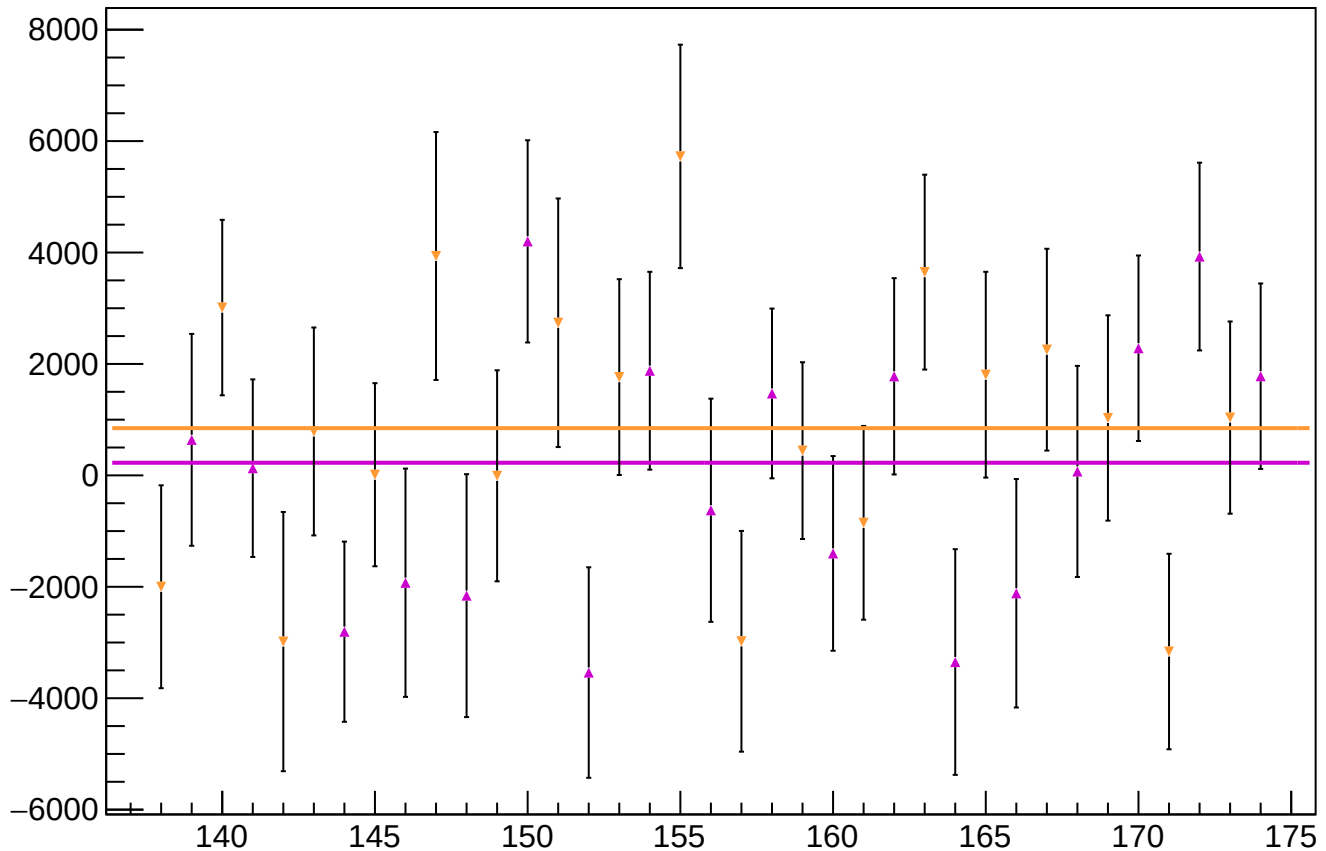
Left In: 1607.103+/-0.303 χ^2/NDF :215008.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1601.004+/-0.214 χ^2/NDF : 469322.0/36

- 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: 847.481+/-420.170 χ^2/NDF : 29.8/18

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

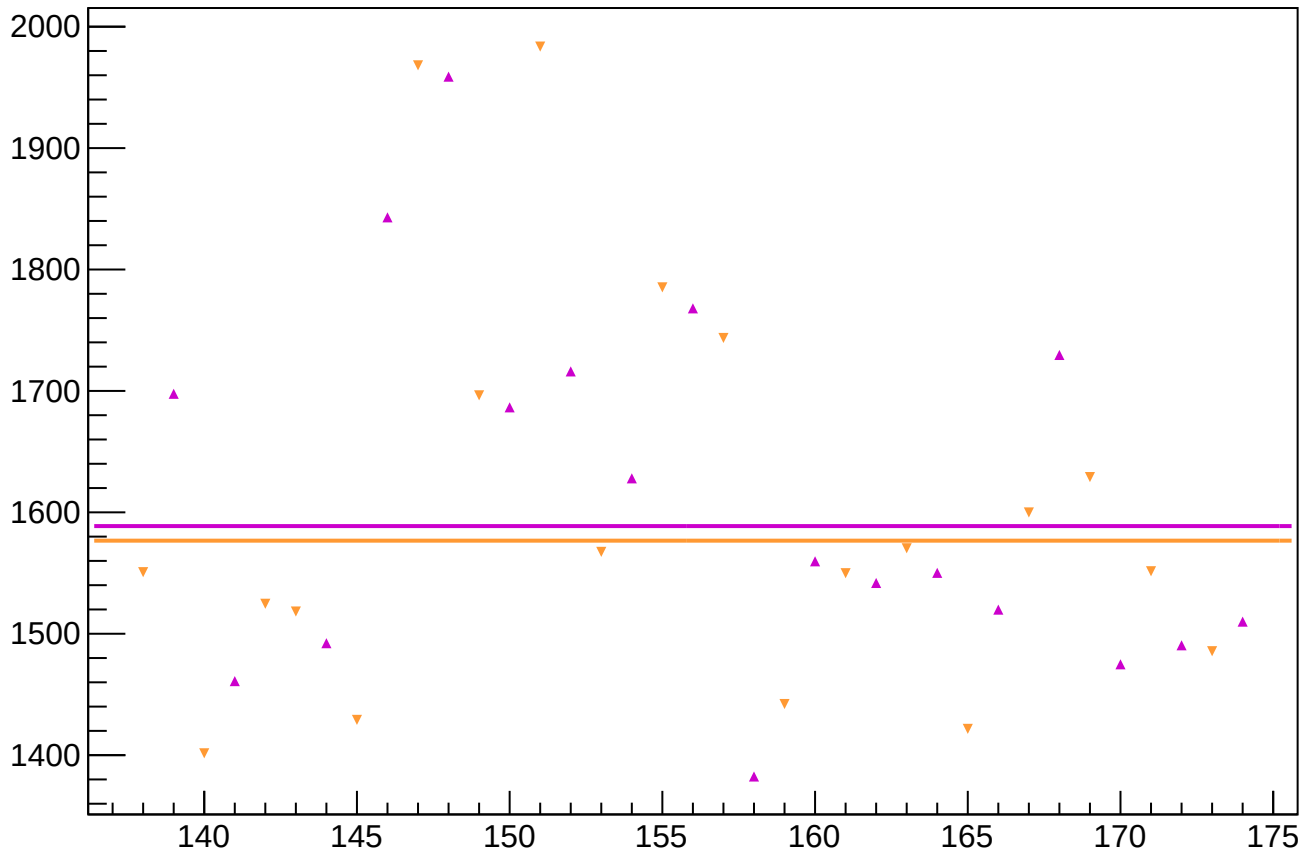
Left In: 226.458+/-423.852 χ^2/NDF : 29.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.679+/-298.398 χ^2/NDF : 60.5/36

- 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: 1576.677+/-0.297 χ^2/NDF : 253507.8/18

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

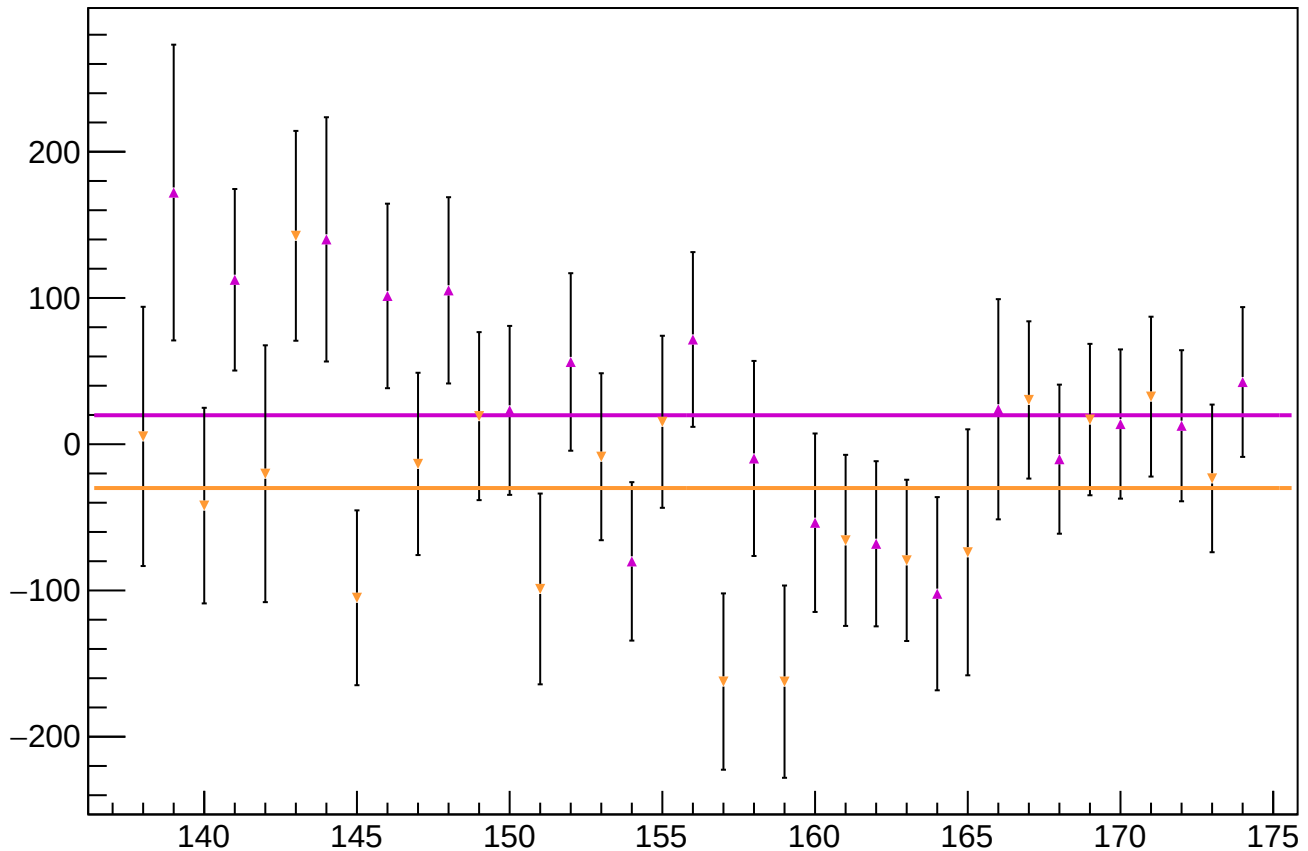
Left In: 1588.678+/-0.300 χ^2/NDF : 220199.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.625+/-0.211 χ^2/NDF : 474516.0/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -29.961 $\pm$ 14.055 χ^2 /NDF:23.9/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

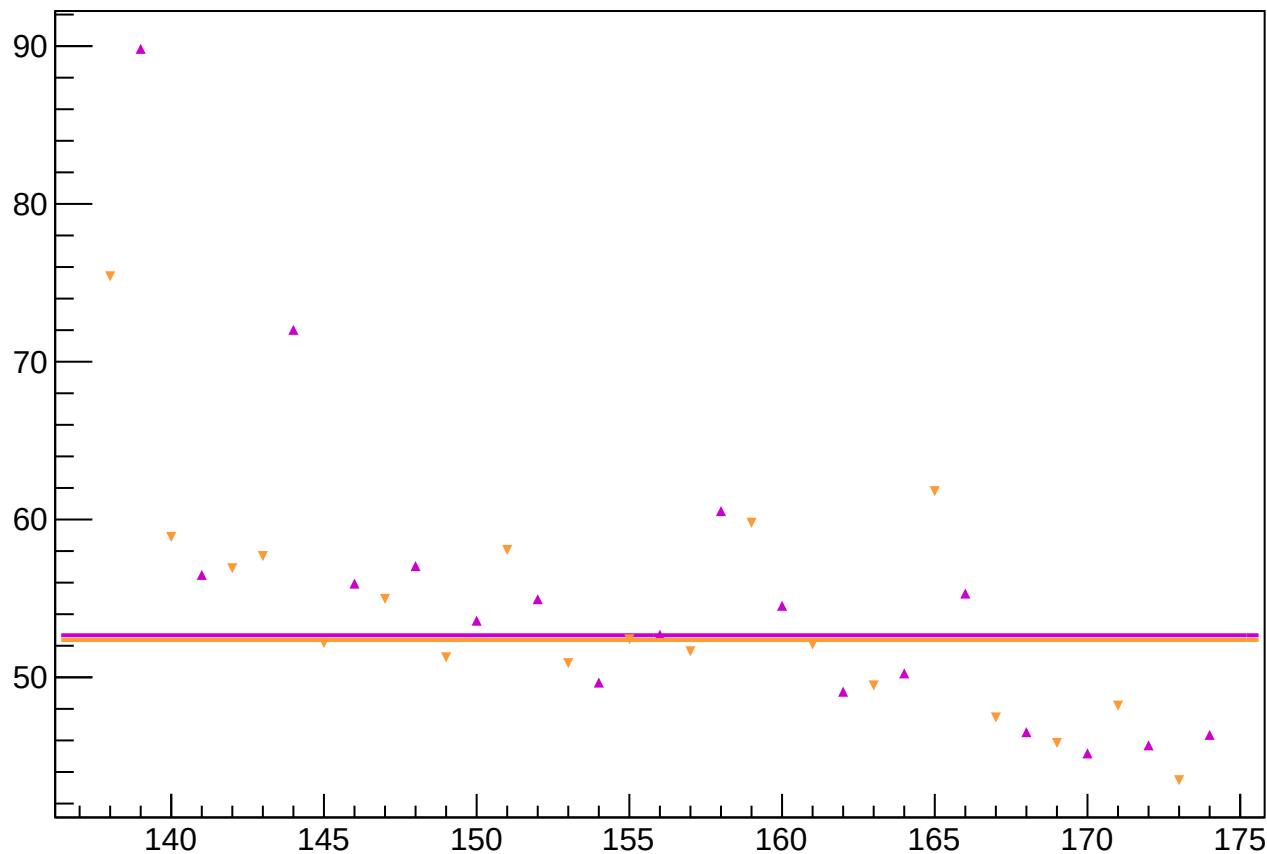
Left In: 19.813 $\pm$ 14.244 χ^2 /NDF:22.6/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.405 $\pm$ 10.005 χ^2 /NDF: 52.7/36

- sign 0.000 $\pm$ 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: 52.367+/-0.010 χ^2/NDF : 369996.4/18

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

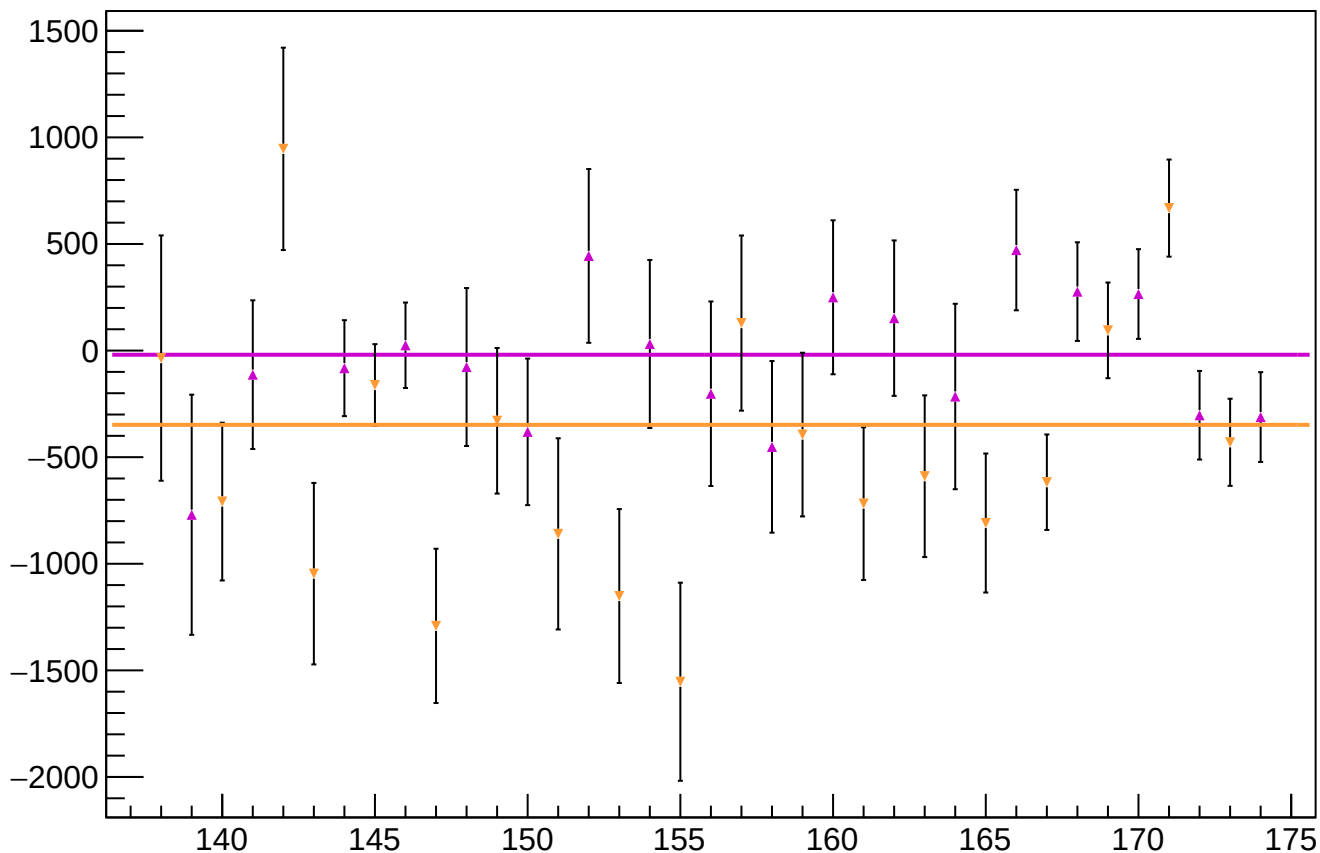
Left In: 52.666+/-0.010 χ^2/NDF : 591397.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.514+/-0.007 χ^2/NDF : 961839.9/36

- 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: -348.370+/-70.854 χ^2/NDF : 61.3/18

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

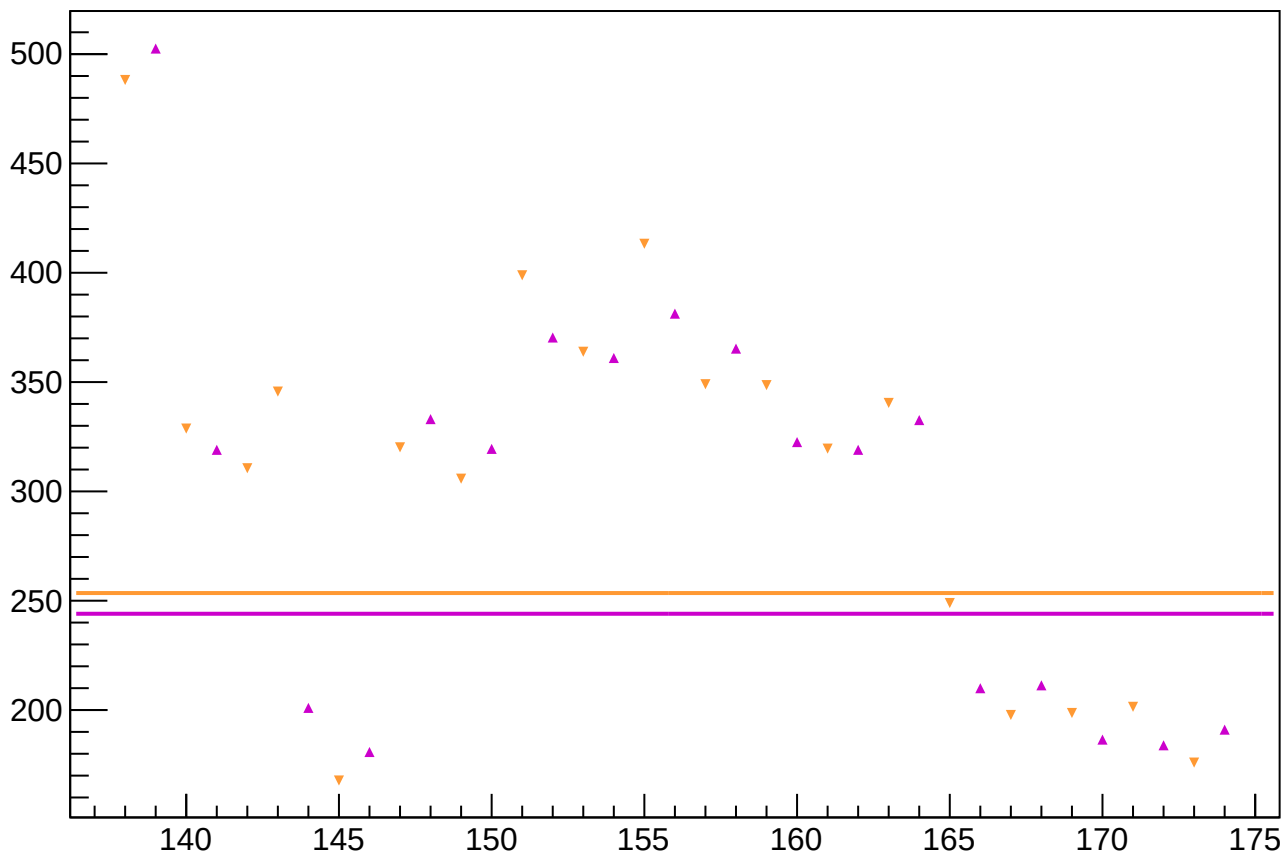
Left In: -19.579+/-68.091 χ^2/NDF : 17.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.439+/-49.095 χ^2/NDF : 89.5/36

- 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: 253.507+/-0.050 χ^2/NDF :2685988.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

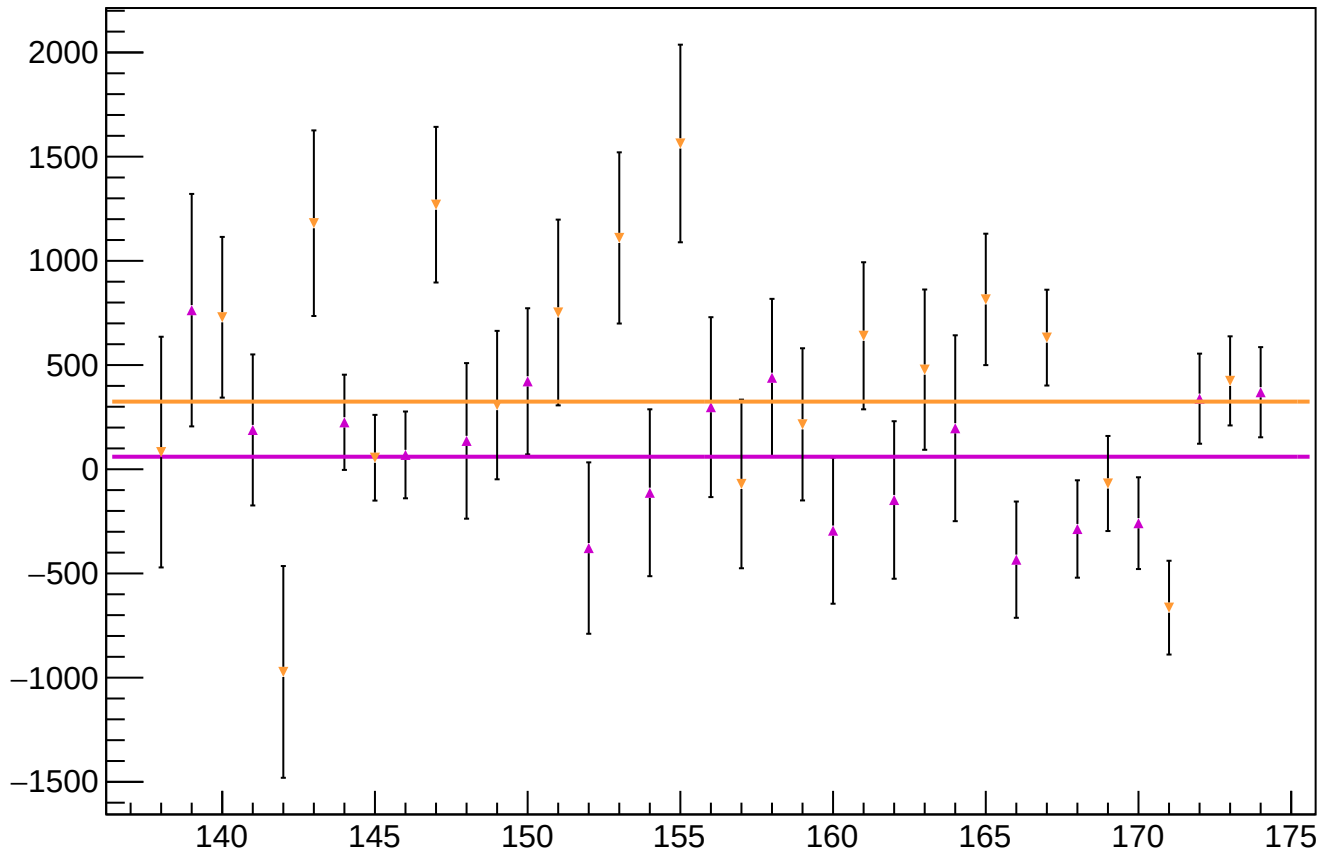
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.582+/-0.035 χ^2/NDF : 5228577.2/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 244.033+/-0.048 χ^2/NDF :2524001.0/17

asym_sam_37_dd_mean vs Slug



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

Left Out: 324.604+/-72.314 χ^2/NDF :59.7/18

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

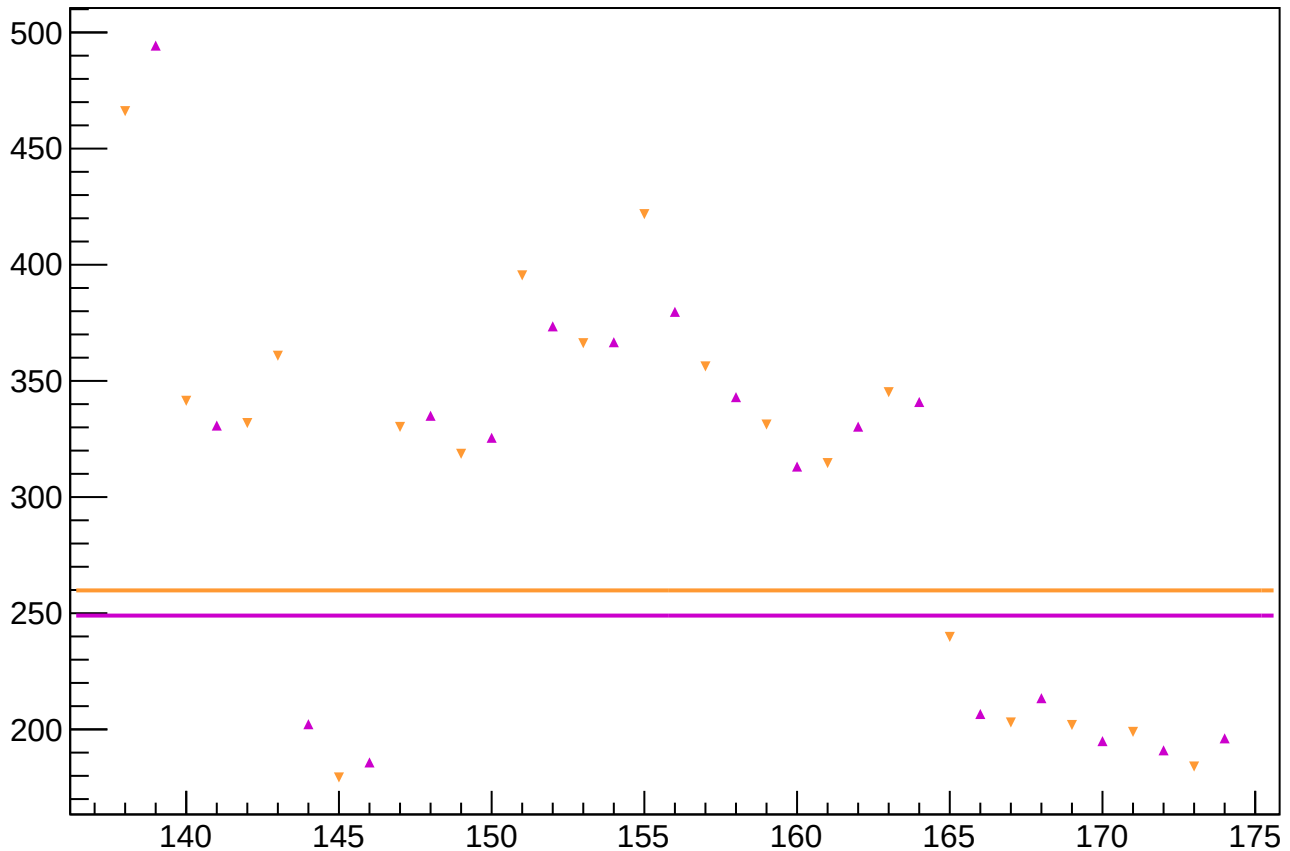
Left In: 60.130+/-69.410 χ^2/NDF :18.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.950+/-50.076 χ^2/NDF : 85.2/36

- 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: 259.824+/-0.051 χ^2/NDF : 2489265.5/18

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

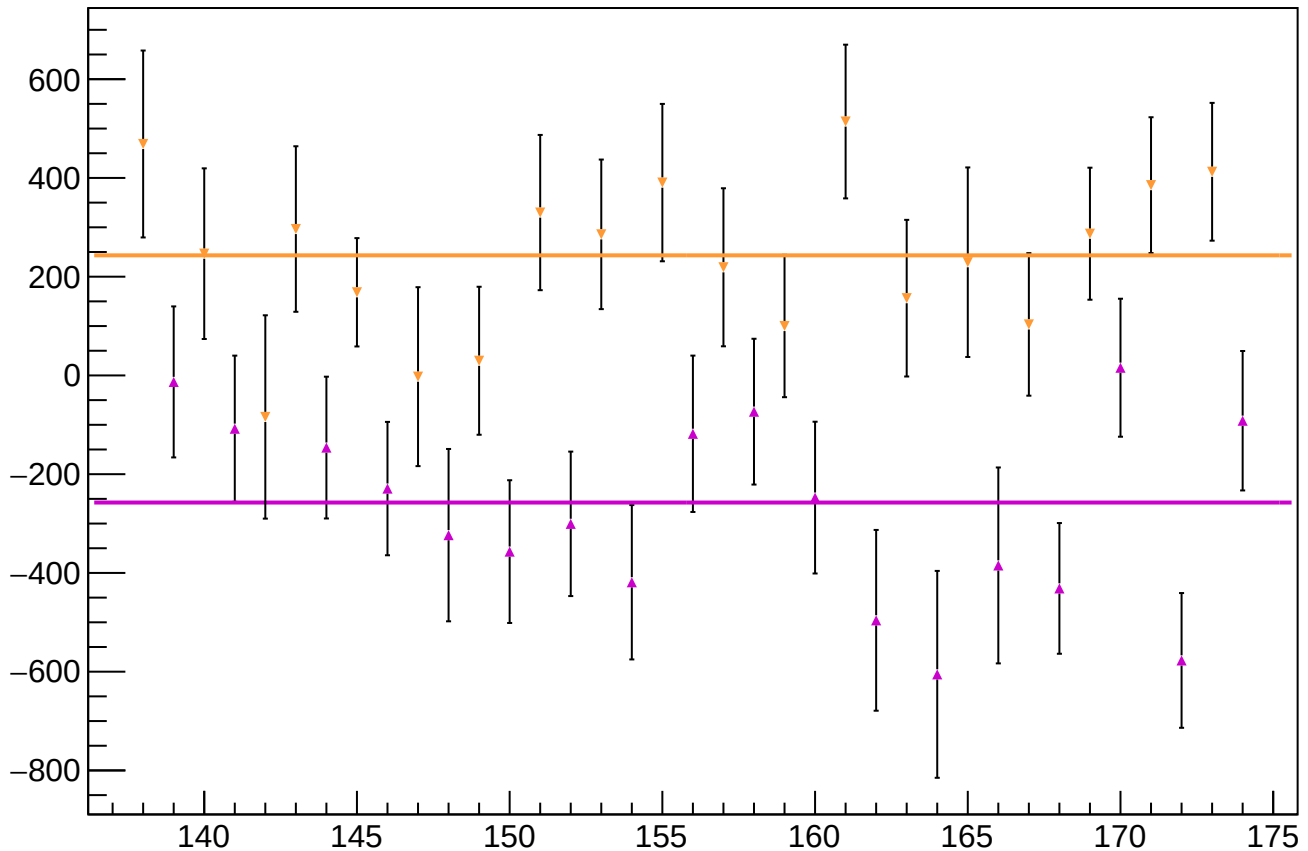
Left In: 248.986+/-0.049 χ^2/NDF : 2342048.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.183+/-0.035 χ^2/NDF : 4854697.9/36

- 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 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 243.246 ± 35.235 $\chi^2/\text{NDF}: 17.5/18$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

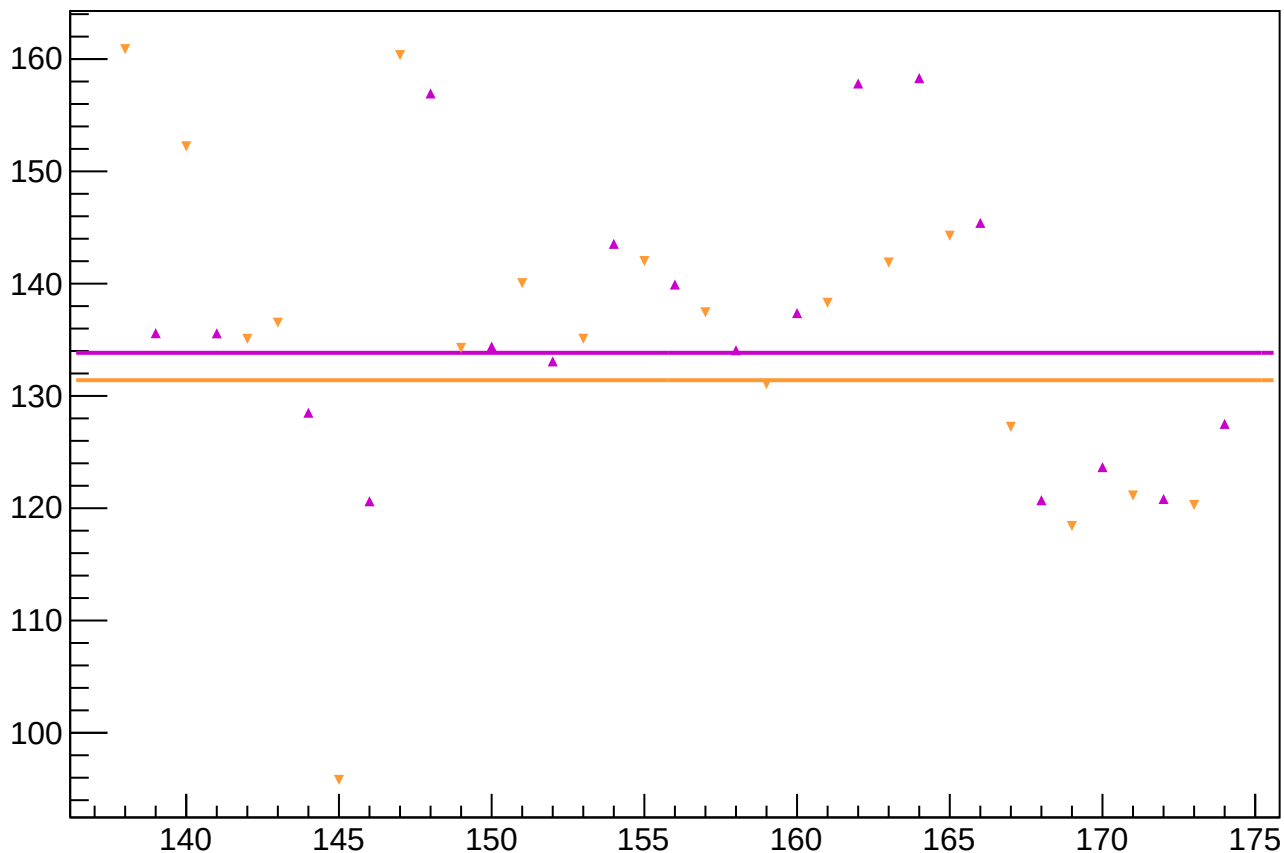
Left In: -257.425 ± 35.845 $\chi^2/\text{NDF}: 25.6/17$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.790 ± 25.128 $\chi^2/\text{NDF}: 142.4/36$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 131.402+/-0.025 χ^2/NDF : 427303.9/18

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

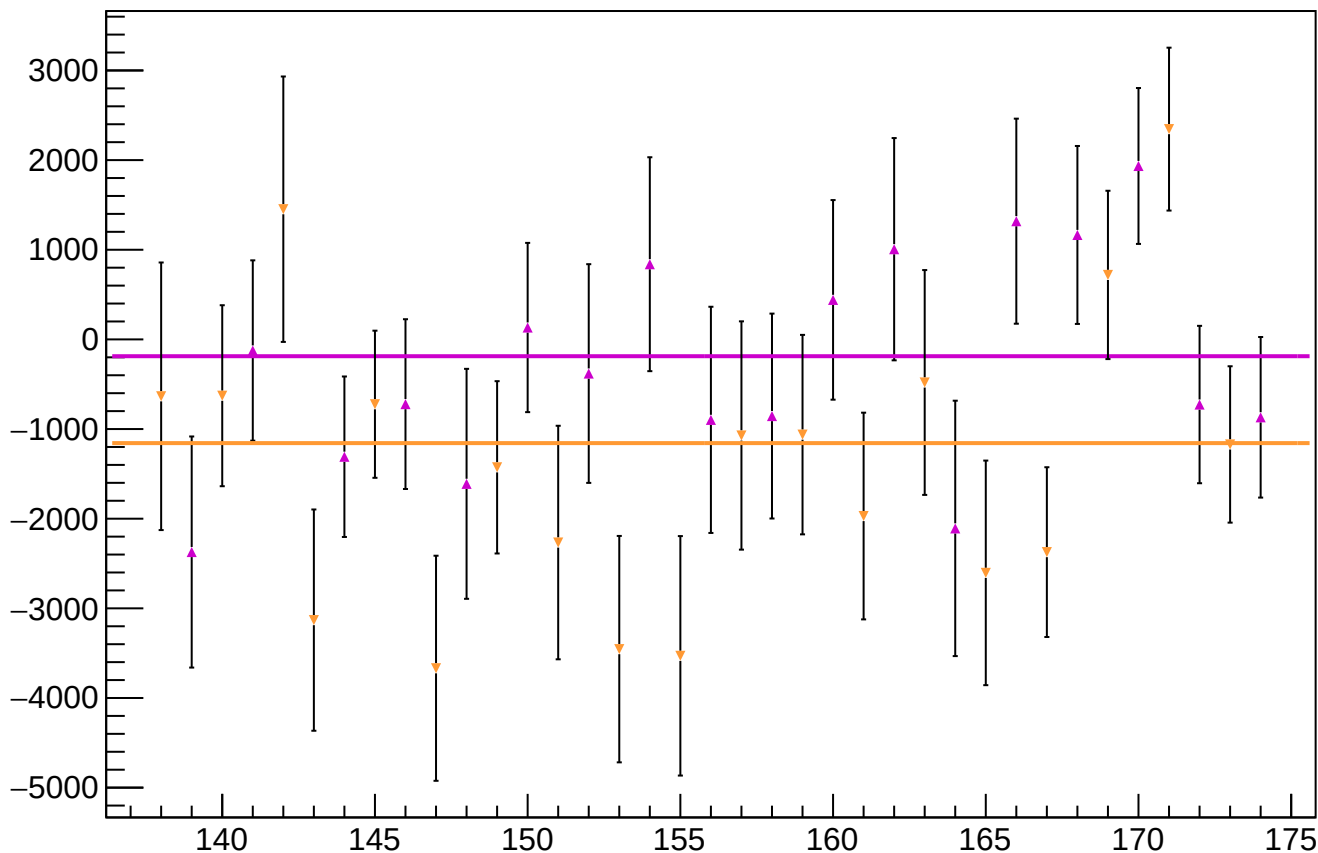
Left In: 133.842+/-0.025 χ^2/NDF : 190166.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.601+/-0.018 χ^2/NDF : 622184.2/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1156.828 $\pm$ 251.983 χ^2 /NDF:40.3/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

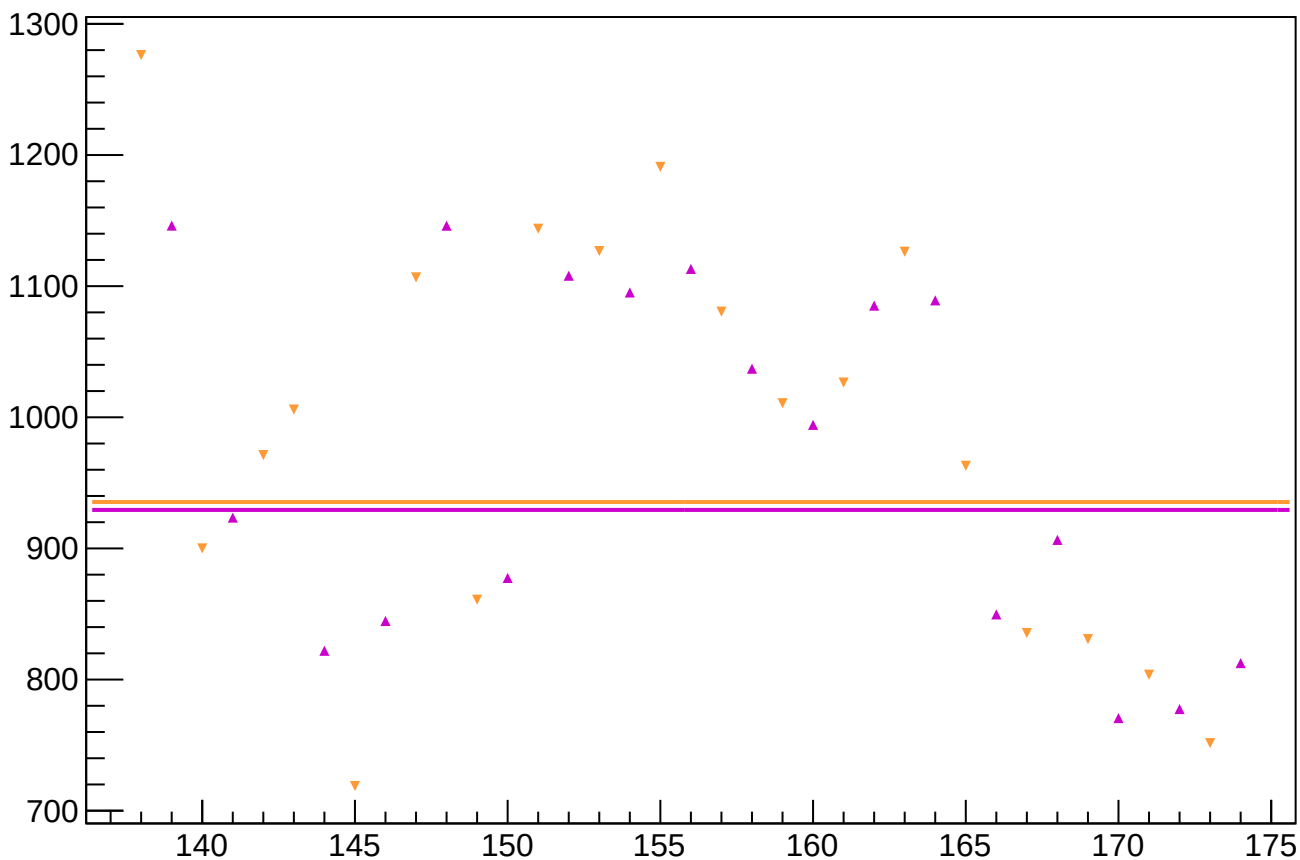
Left In: -187.529 $\pm$ 249.606 χ^2 /NDF:21.1/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -667.585 $\pm$ 177.333 χ^2 /NDF: 68.8/36

- sign 0.000 $\pm$ 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: 935.391+/-0.178 χ^2/NDF : 746366.0/18

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

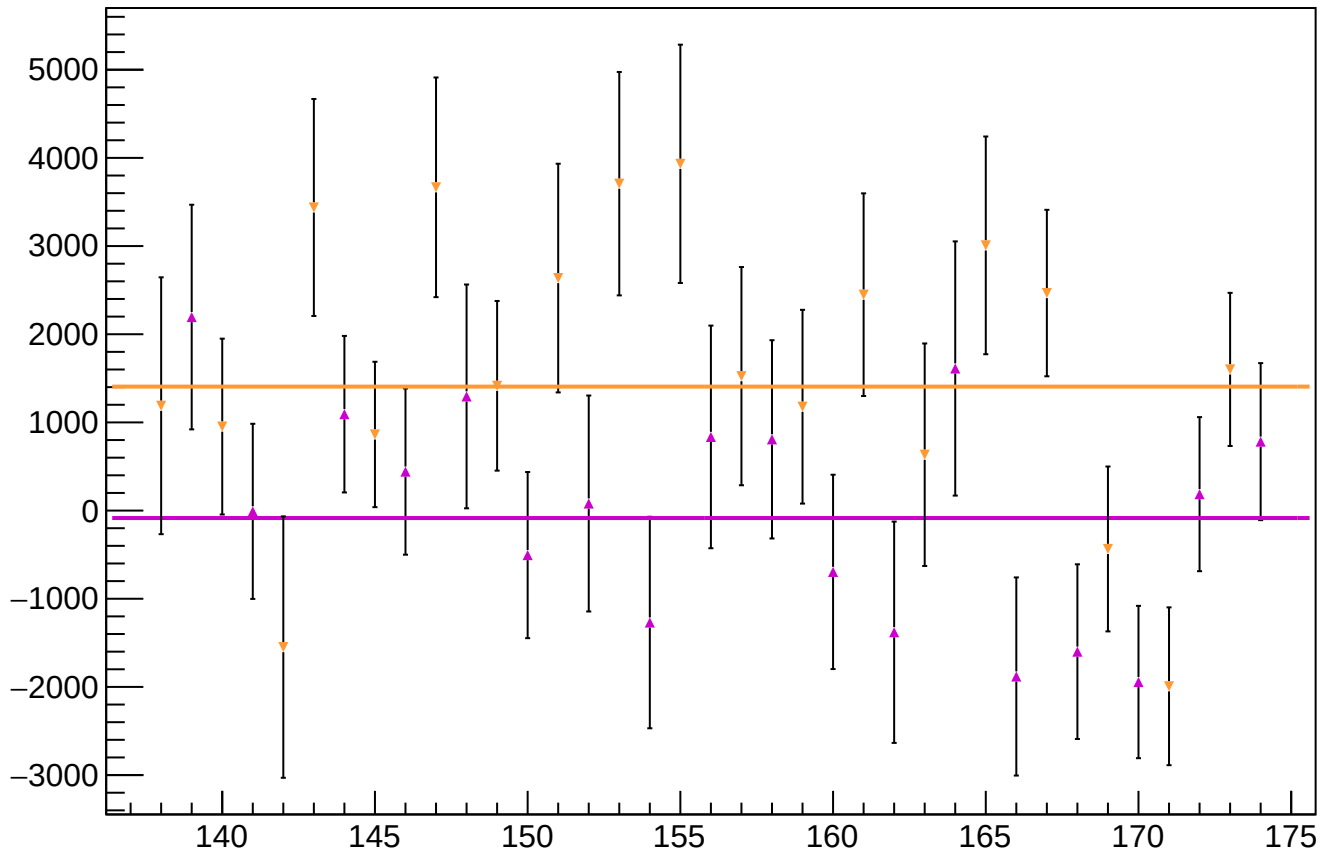
Left In: 929.361+/-0.176 χ^2/NDF : 541176.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 932.348+/-0.125 χ^2/NDF : 1288120.3/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1406.035 $\pm$ 250.653 χ^2 /NDF:40.9/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

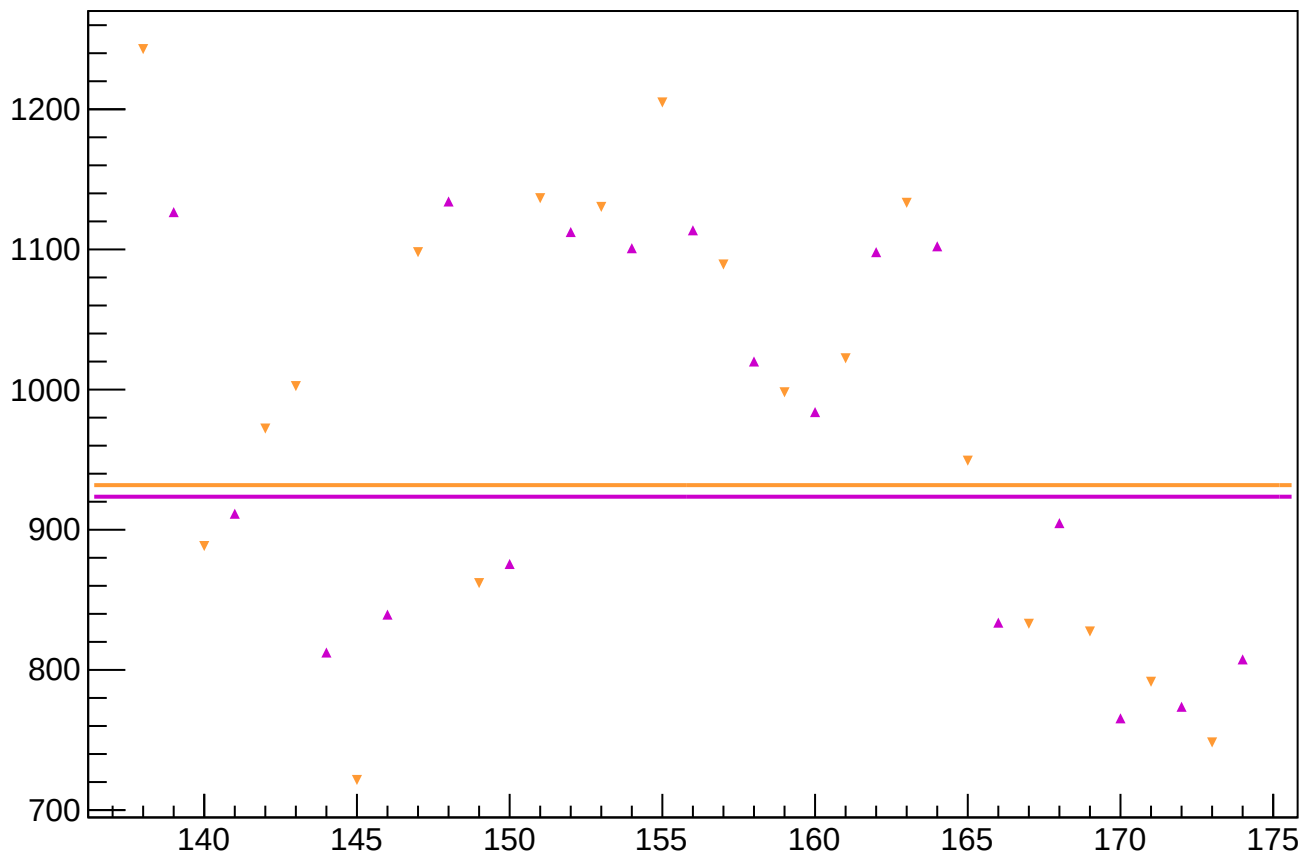
Left In: -84.590 $\pm$ 248.341 χ^2 /NDF:22.1/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 653.815 $\pm$ 176.415 χ^2 /NDF: 80.9/36

- sign 0.000 $\pm$ 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: 931.836+/-0.177 χ^2/NDF : 748880.8/18

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

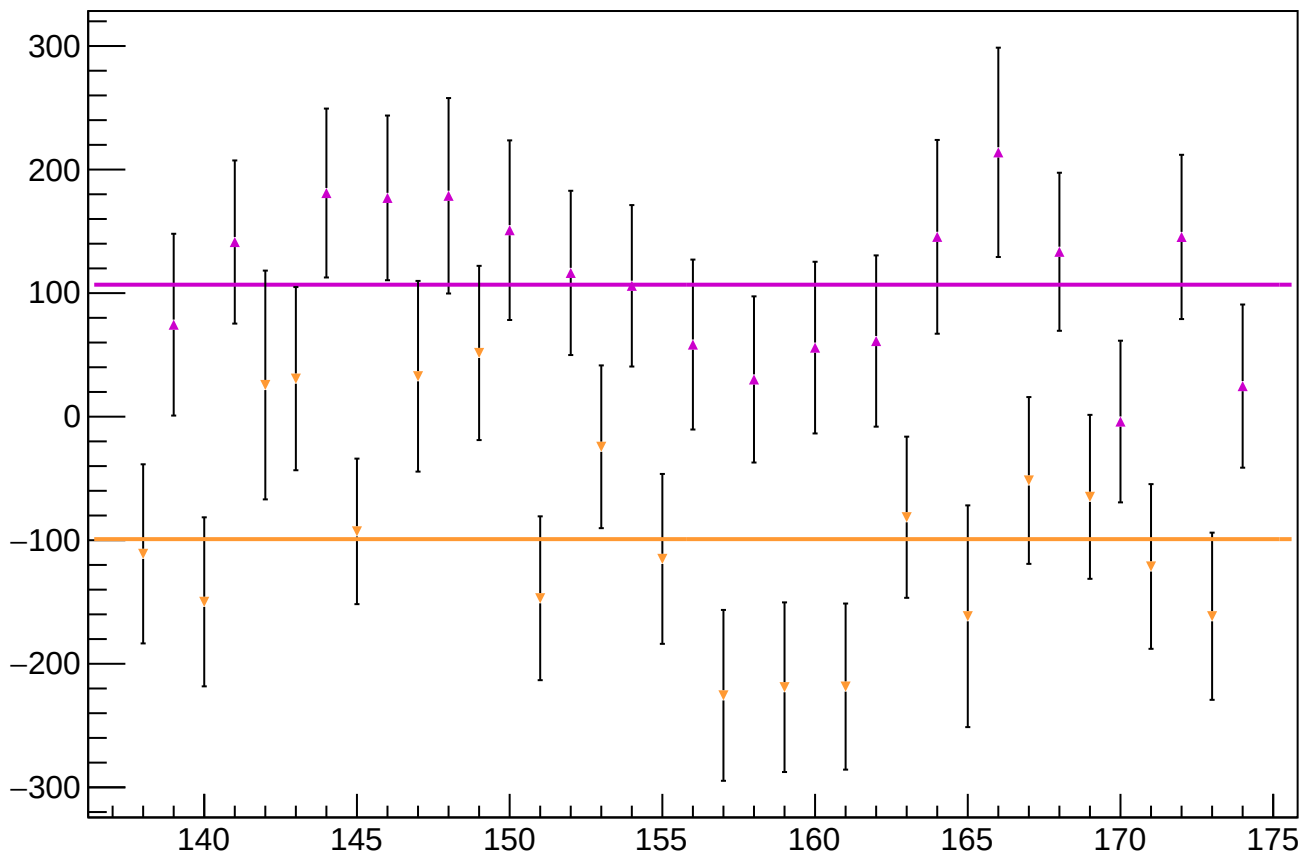
Left In: 923.582+/-0.176 χ^2/NDF : 558687.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.671+/-0.125 χ^2/NDF : 1308663.3/36

- 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: -99.115+/-15.969 χ^2/NDF : 26.6/18

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

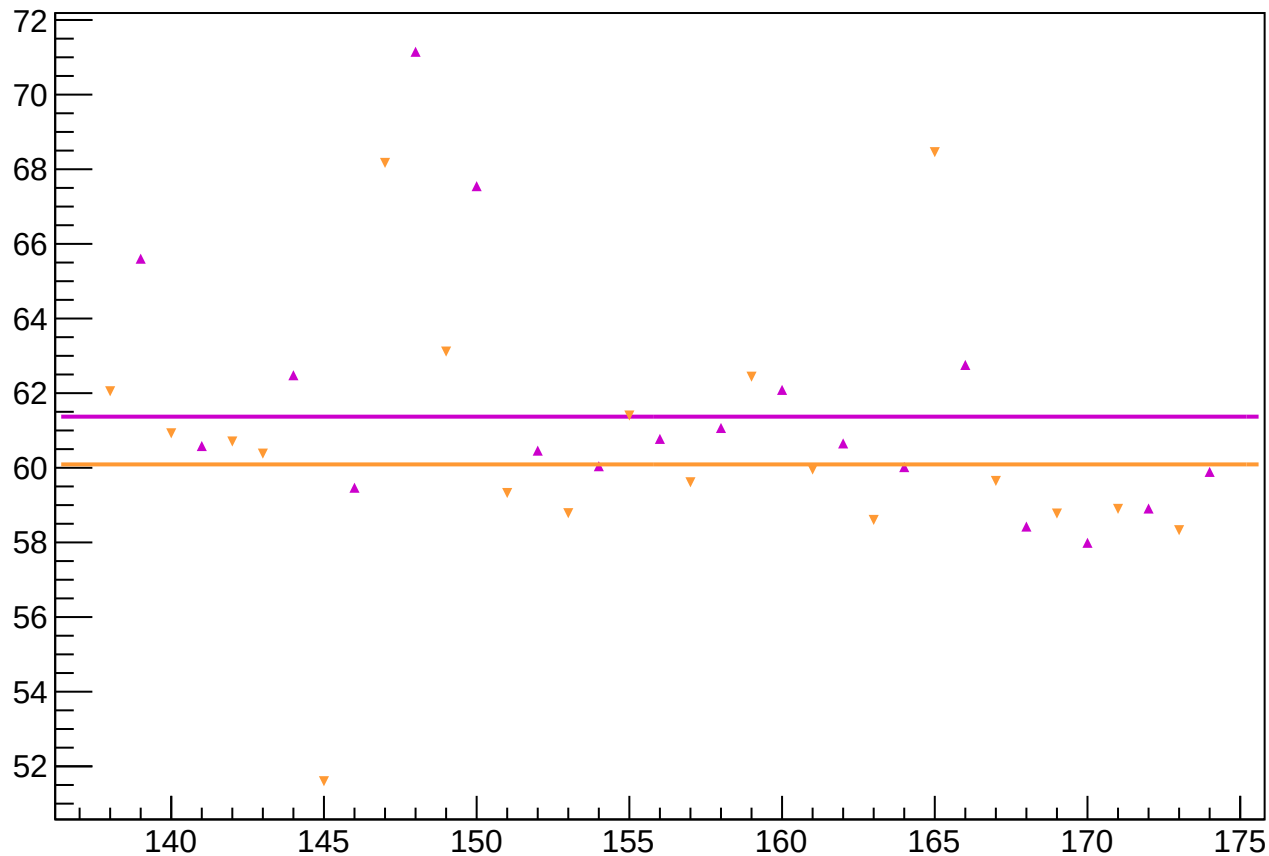
Left In: 106.817+/-16.338 χ^2/NDF : 13.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.500+/-11.420 χ^2/NDF : 121.4/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

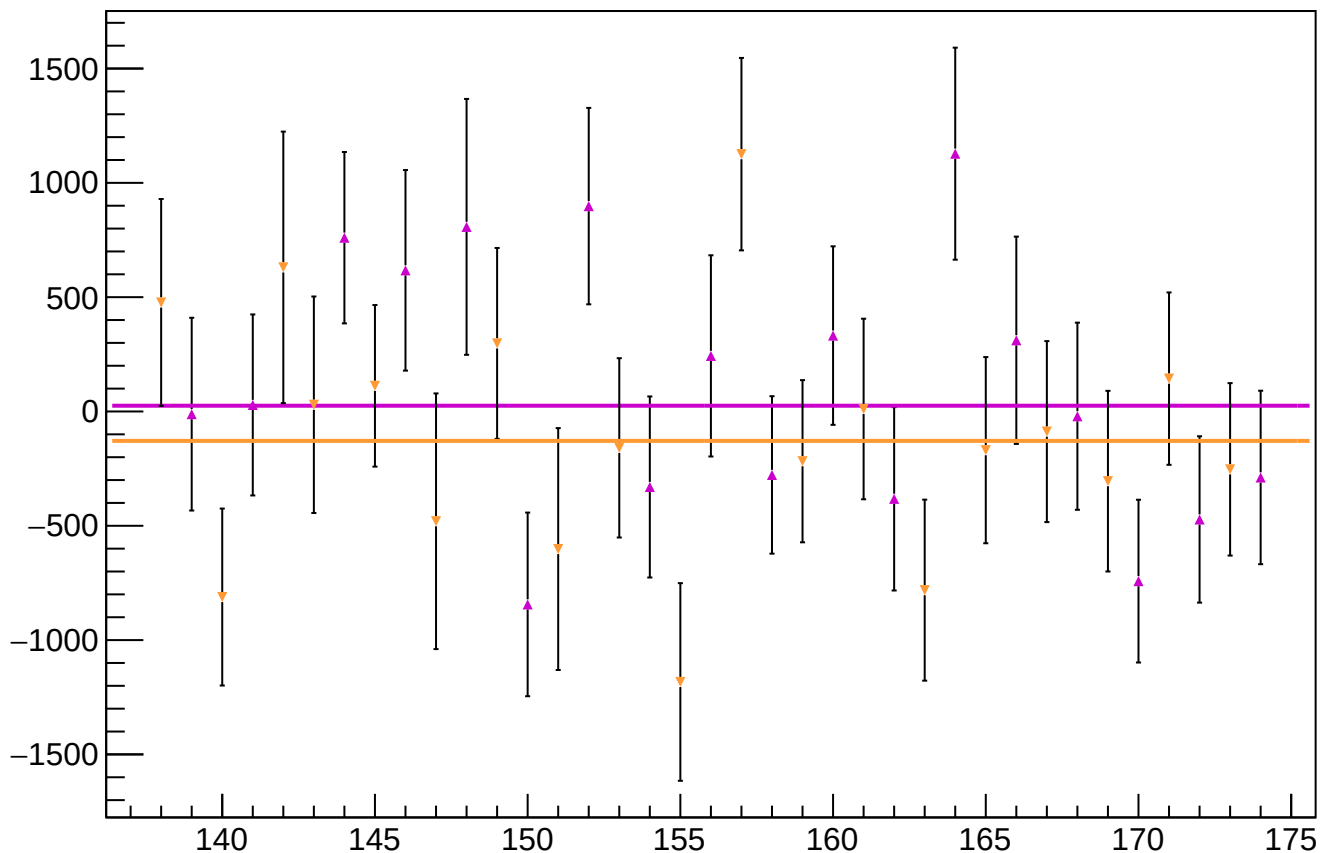
dit_asym_sam_13_57_dd_rms vs Slug



Right In: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Left Out: 60.091±/-0.011 χ^2/NDF :94574.8/18
 Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.370±/-0.012 χ^2/NDF :70347.0/17

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0
 All: 60.716±/-0.008 χ^2/NDF : 171195.9/36
 - 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: -128.672 ± 95.131 χ^2/NDF : 27.9/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

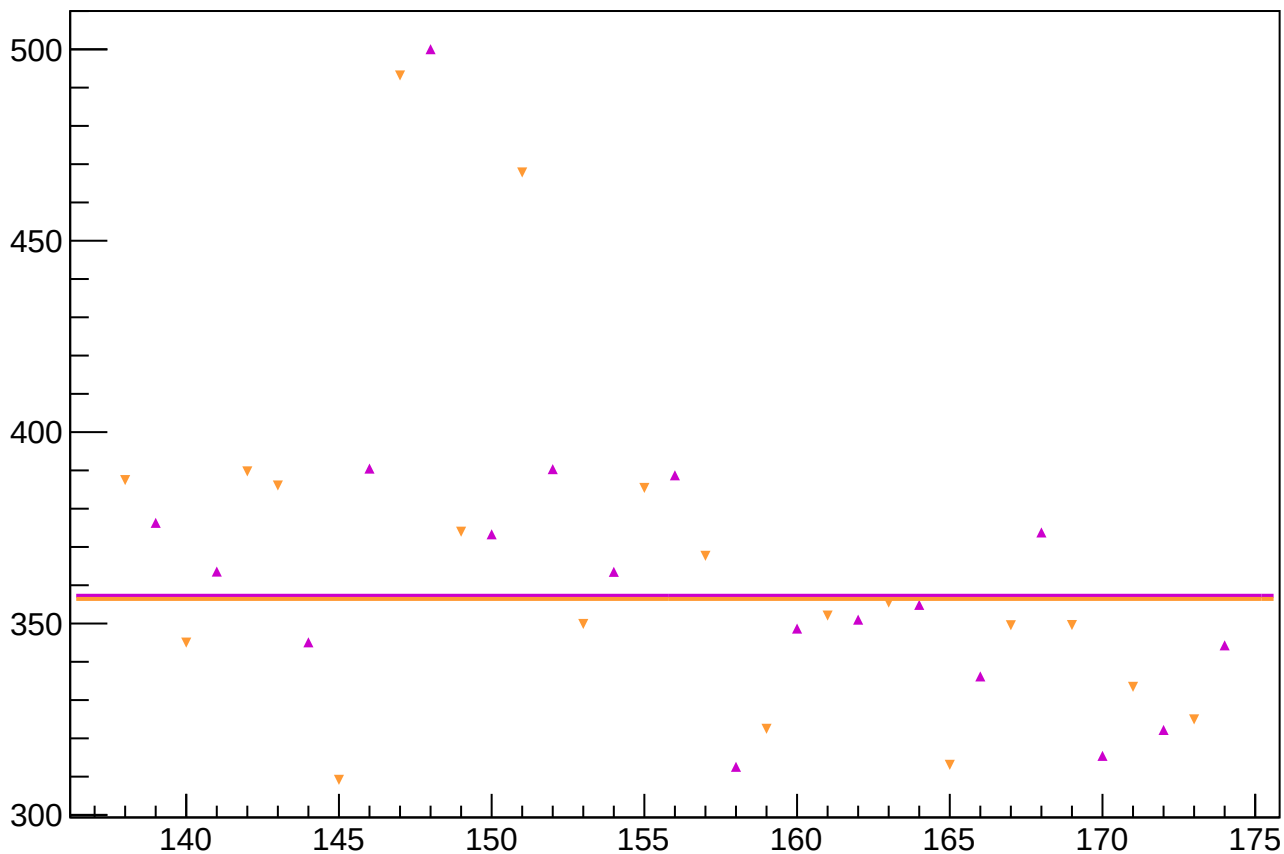
Left In: 25.223 ± 95.449 χ^2/NDF : 33.2/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.981 ± 67.380 χ^2/NDF : 62.4/36

- 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: 356.427+/-0.067 χ^2/NDF : 347640.1/18

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

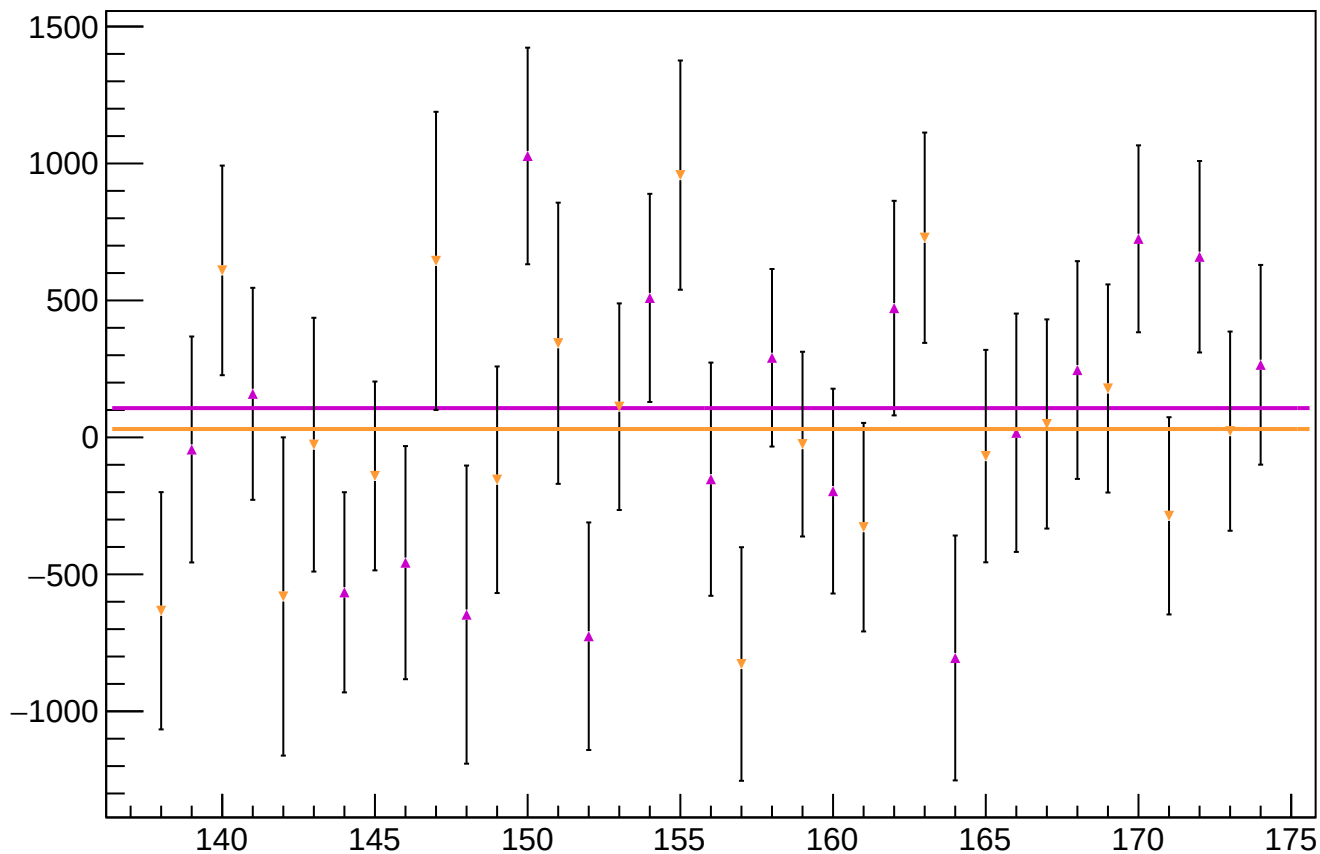
Left In: 357.250+/-0.067 χ^2/NDF : 265416.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.838+/-0.048 χ^2/NDF : 613131.0/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 30.537 $\pm$ 92.195 χ^2 /NDF:22.1/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

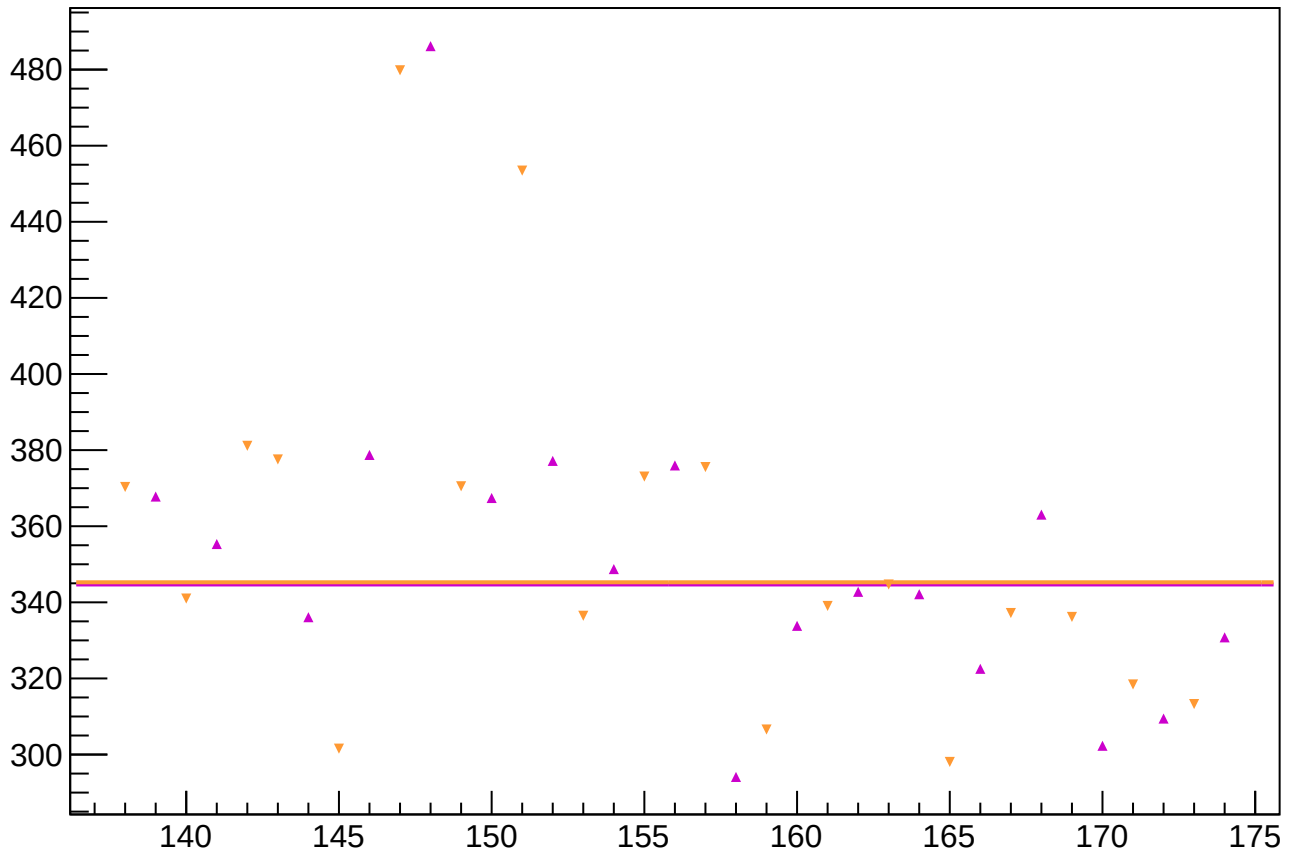
Left In: 106.929 $\pm$ 92.181 χ^2 /NDF:30.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.739 $\pm$ 65.186 χ^2 /NDF: 52.7/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



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

Left Out: 345.270+/-0.065 χ^2/NDF : 380114.6/18

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

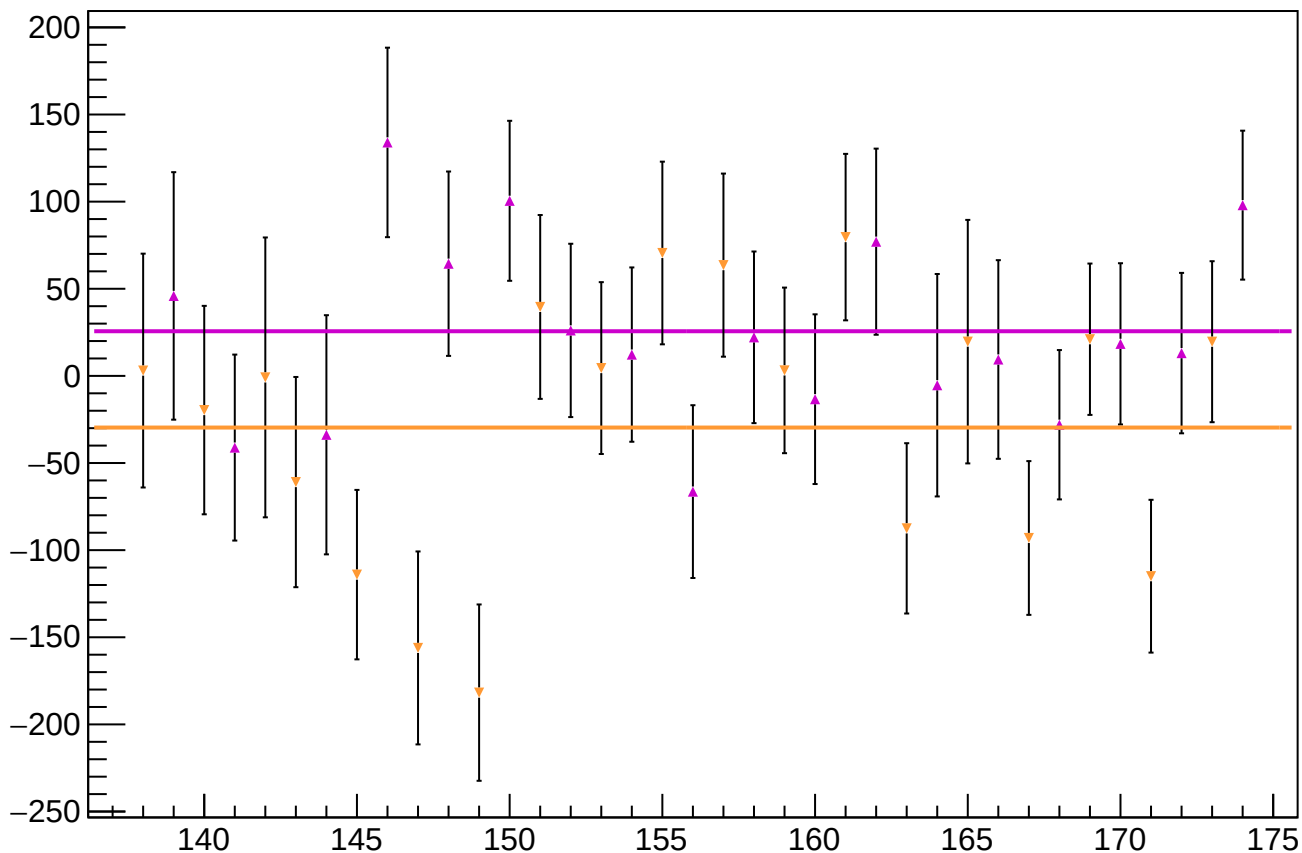
Left In: 344.694+/-0.065 χ^2/NDF : 300756.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.982+/-0.046 χ^2/NDF : 680910.2/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -29.645 $\pm$ 11.863 χ^2 /NDF:42.9/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

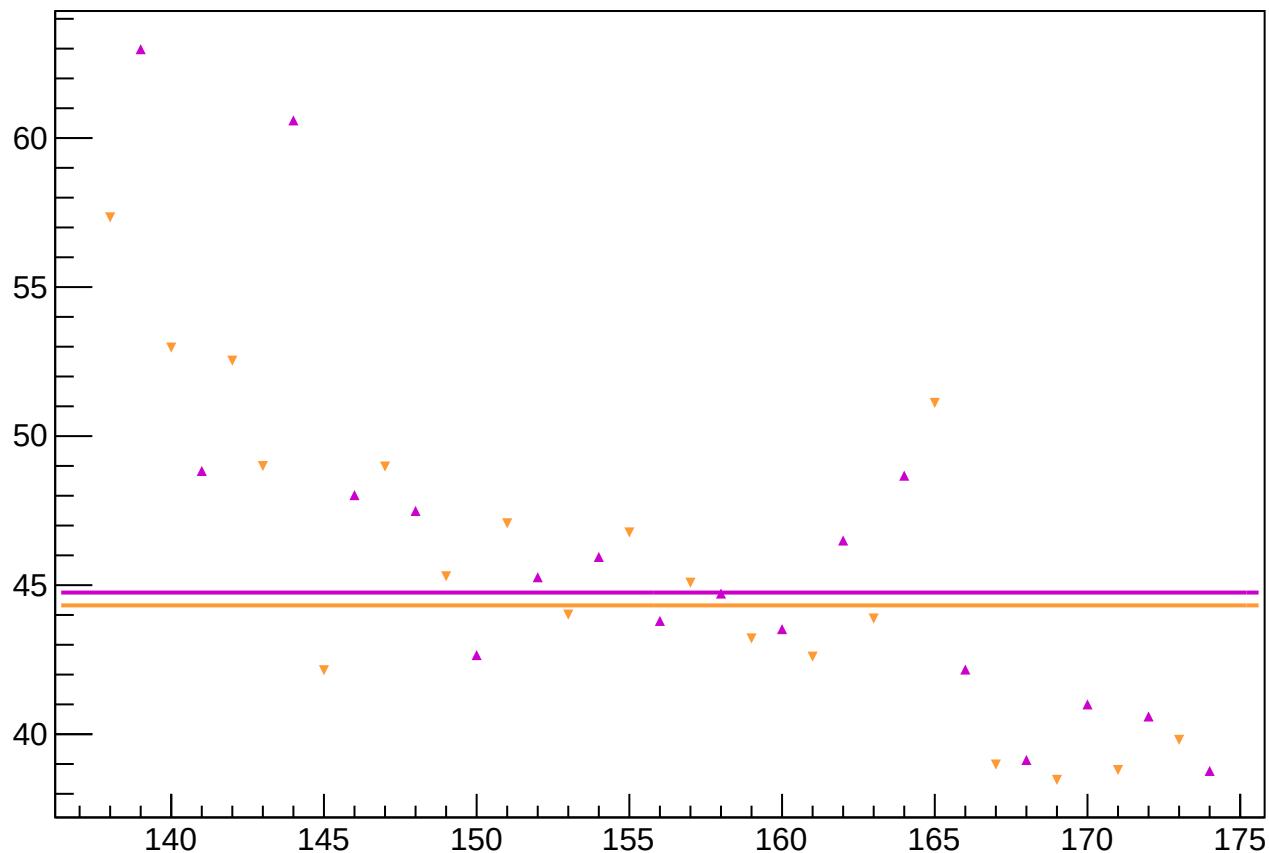
Left In: 25.626 $\pm$ 12.029 χ^2 /NDF:19.5/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.393 $\pm$ 8.446 χ^2 /NDF: 73.1/36

- sign 0.000 $\pm$ 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: 44.321+/-0.008 χ^2/NDF : 318425.3/18

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

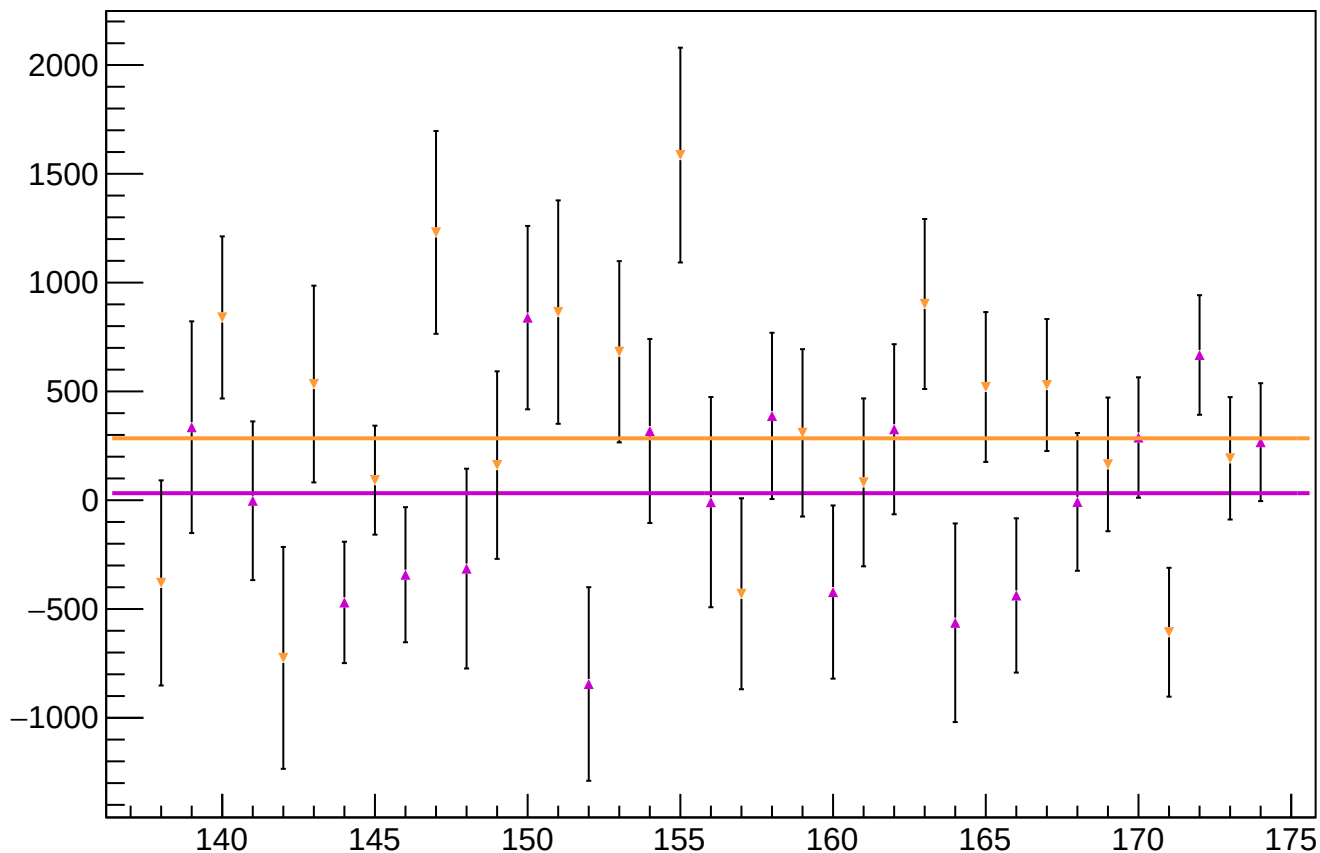
Left In: 44.752+/-0.009 χ^2/NDF : 386947.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.534+/-0.006 χ^2/NDF : 706671.8/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 284.542 $\pm$ 84.752 χ^2 /NDF:38.2/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

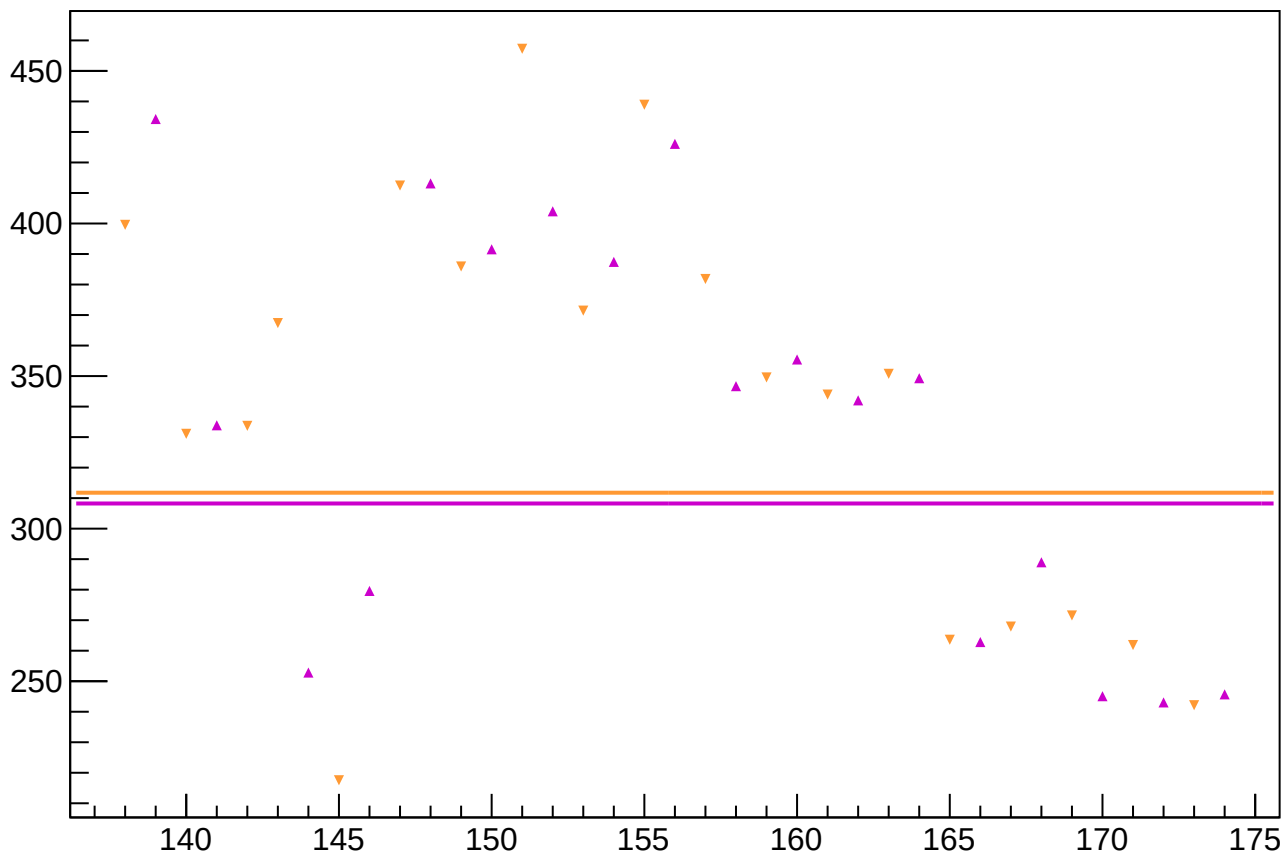
Left In: 32.317 $\pm$ 83.724 χ^2 /NDF:26.8/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.891 $\pm$ 59.562 χ^2 /NDF: 69.5/36

- sign 0.000 $\pm$ 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: 311.777+/-0.060 χ^2/NDF :1277455.3/18

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

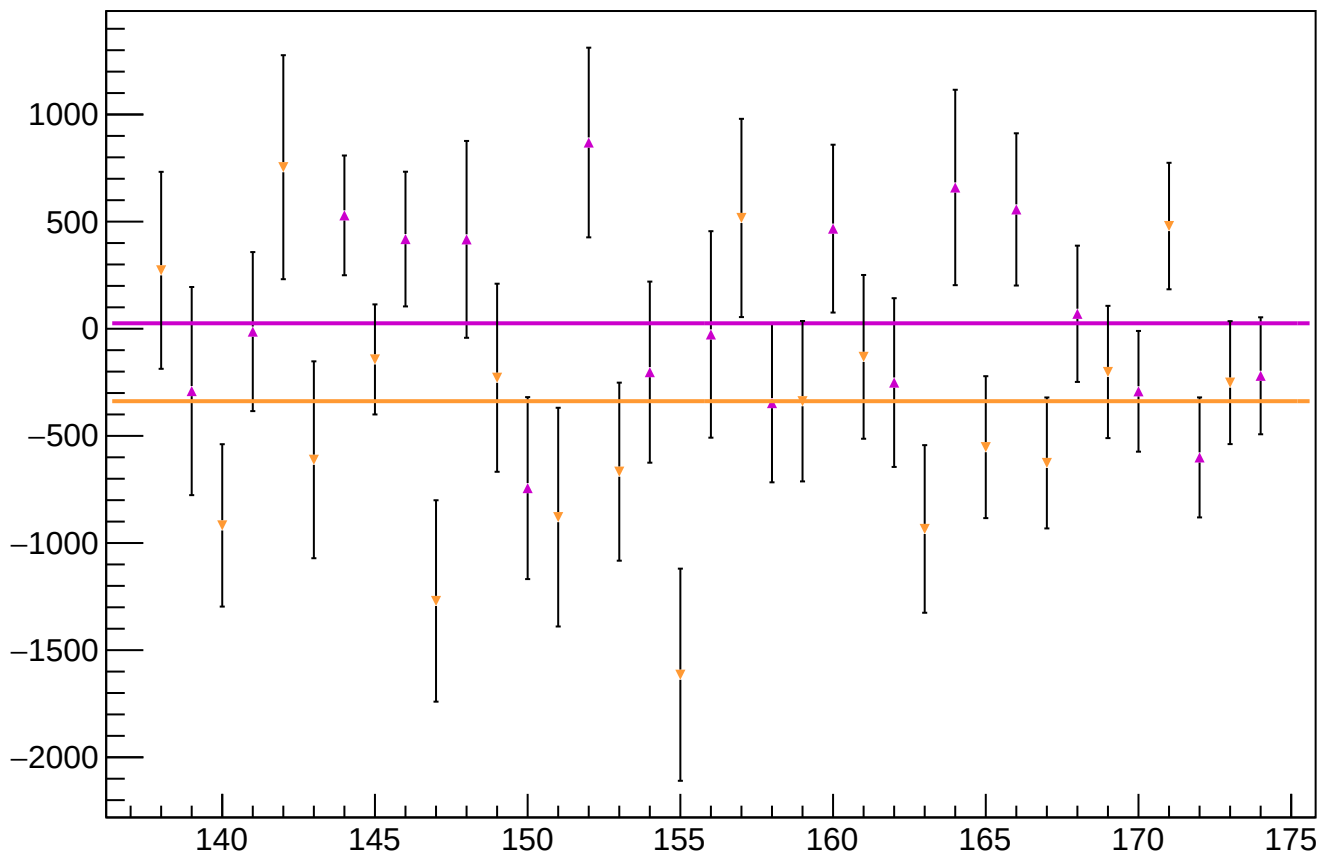
Left In: 308.245+/-0.059 χ^2/NDF :1147476.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.990+/-0.042 χ^2/NDF : 2426689.9/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -338.064 $\pm$ 85.180 χ^2 /NDF:37.1/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

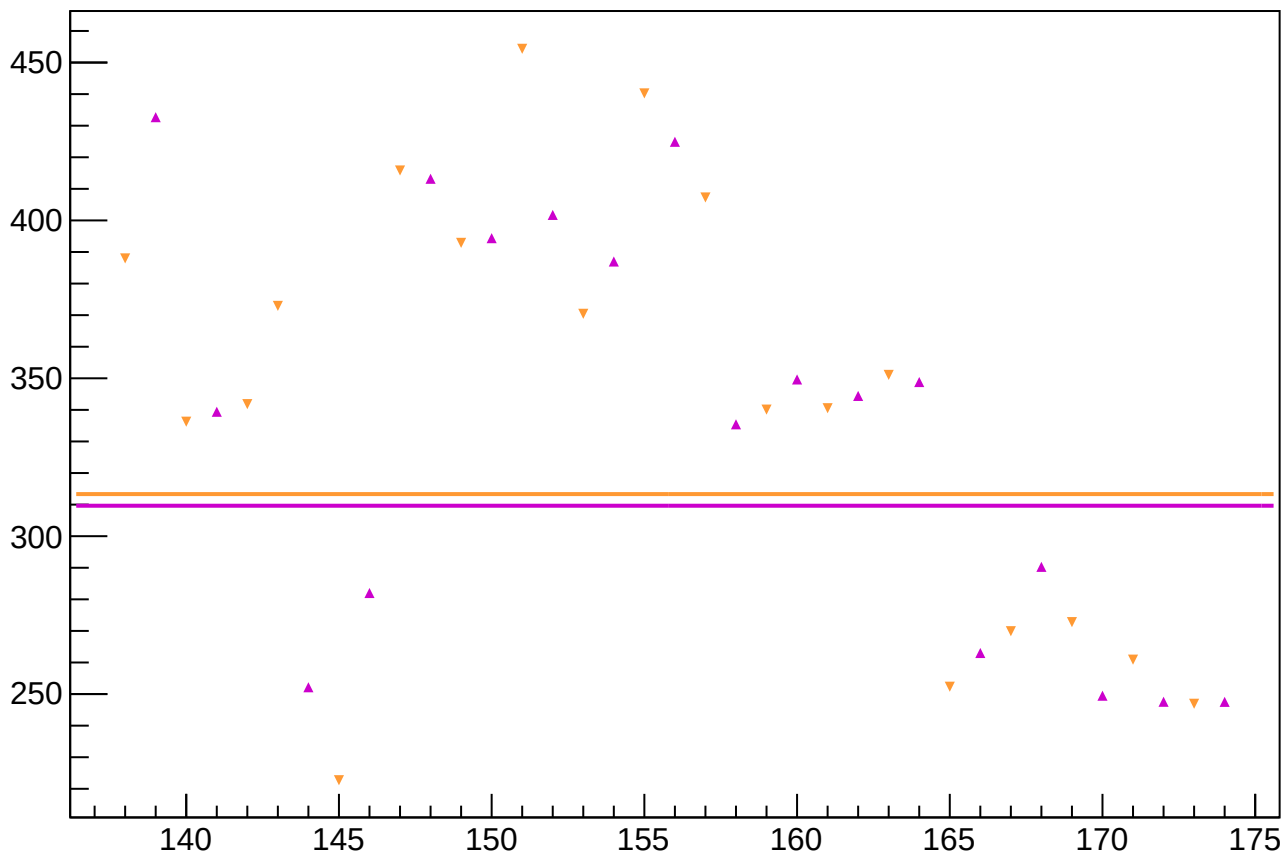
Left In: 25.504 $\pm$ 84.098 χ^2 /NDF:27.2/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -153.956 $\pm$ 59.845 χ^2 /NDF: 73.6/36

- sign 0.000 $\pm$ 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: 313.333+/-0.060 χ^2/NDF :1265645.6/18

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

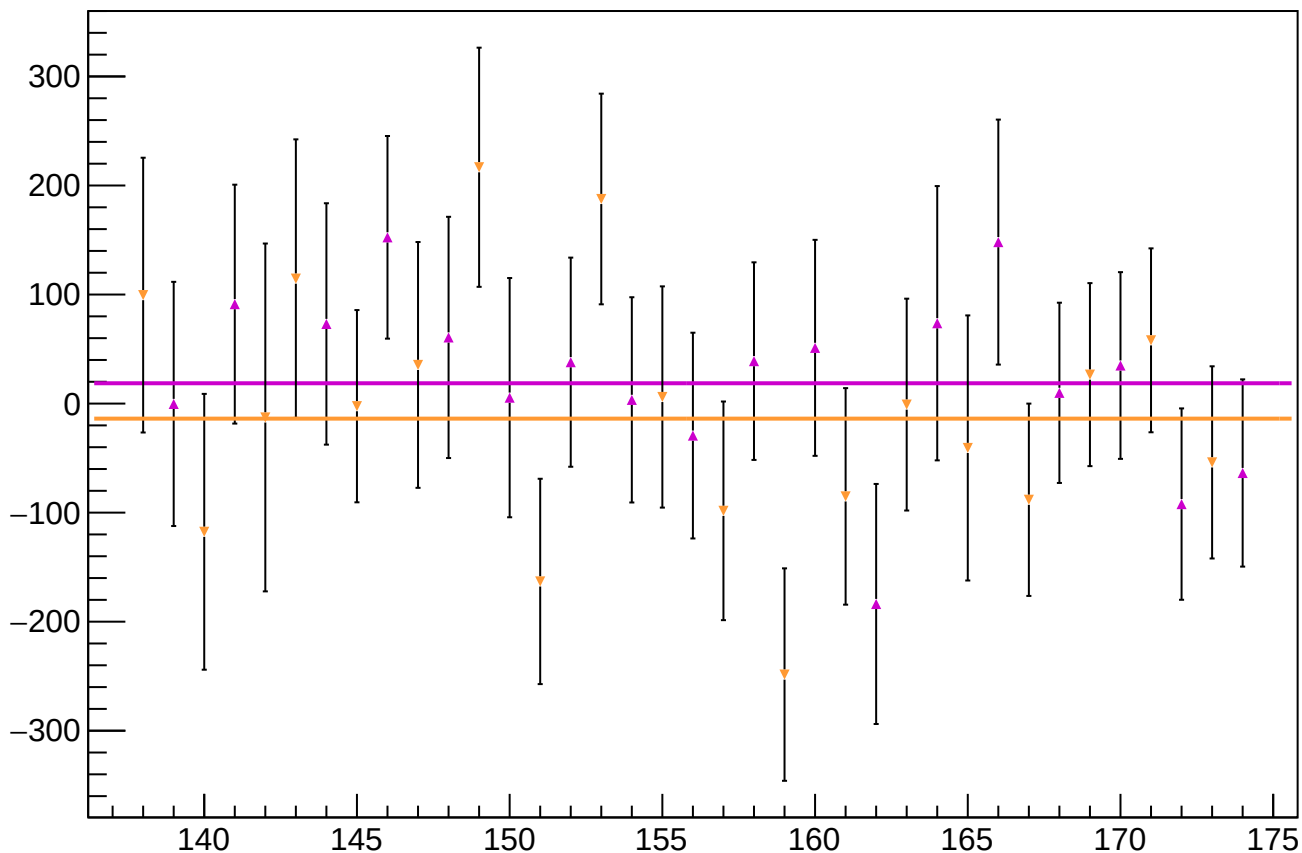
Left In: 309.647+/-0.059 χ^2/NDF :1086453.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.466+/-0.042 χ^2/NDF : 2353995.4/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -13.797 $\pm$ 23.226 χ^2 /NDF:23.0/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

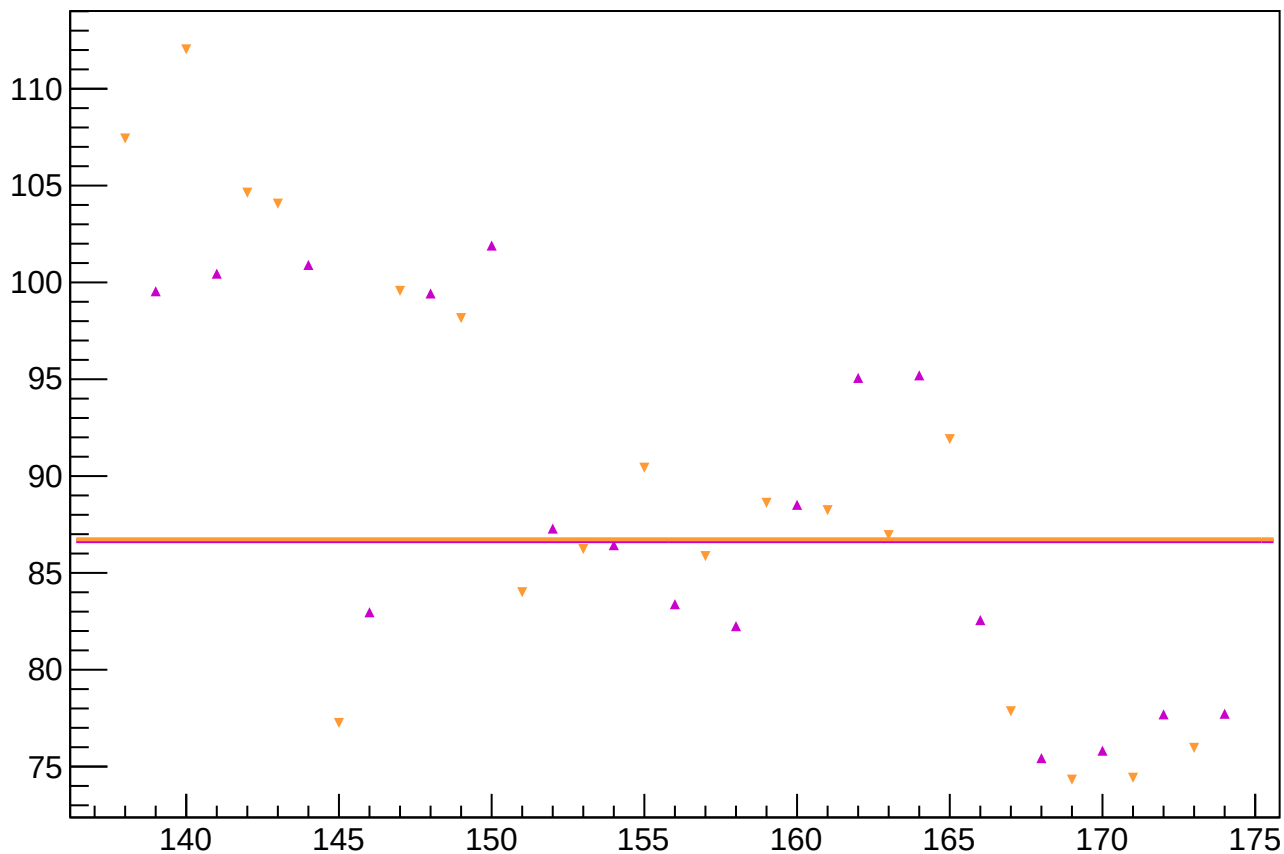
Left In: 18.643 $\pm$ 23.209 χ^2 /NDF:10.9/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.435 $\pm$ 16.417 χ^2 /NDF: 34.9/36

- sign 0.000 $\pm$ 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: 86.736+/-0.016 χ^2/NDF : 412633.8/18

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

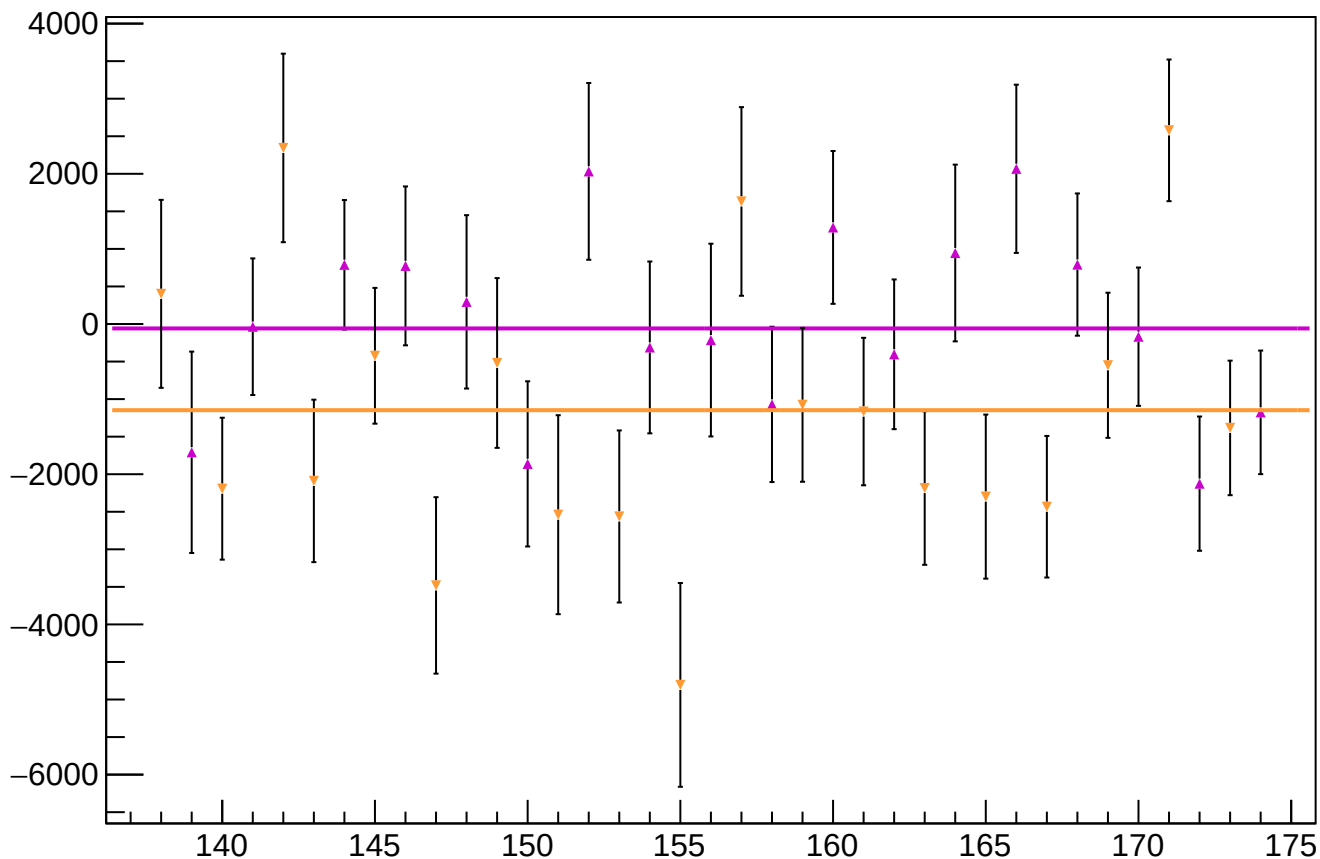
Left In: 86.640+/-0.016 χ^2/NDF : 302678.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.688+/-0.012 χ^2/NDF : 715330.0/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1147.347 $\pm$ 243.673 χ^2 /NDF:51.0/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

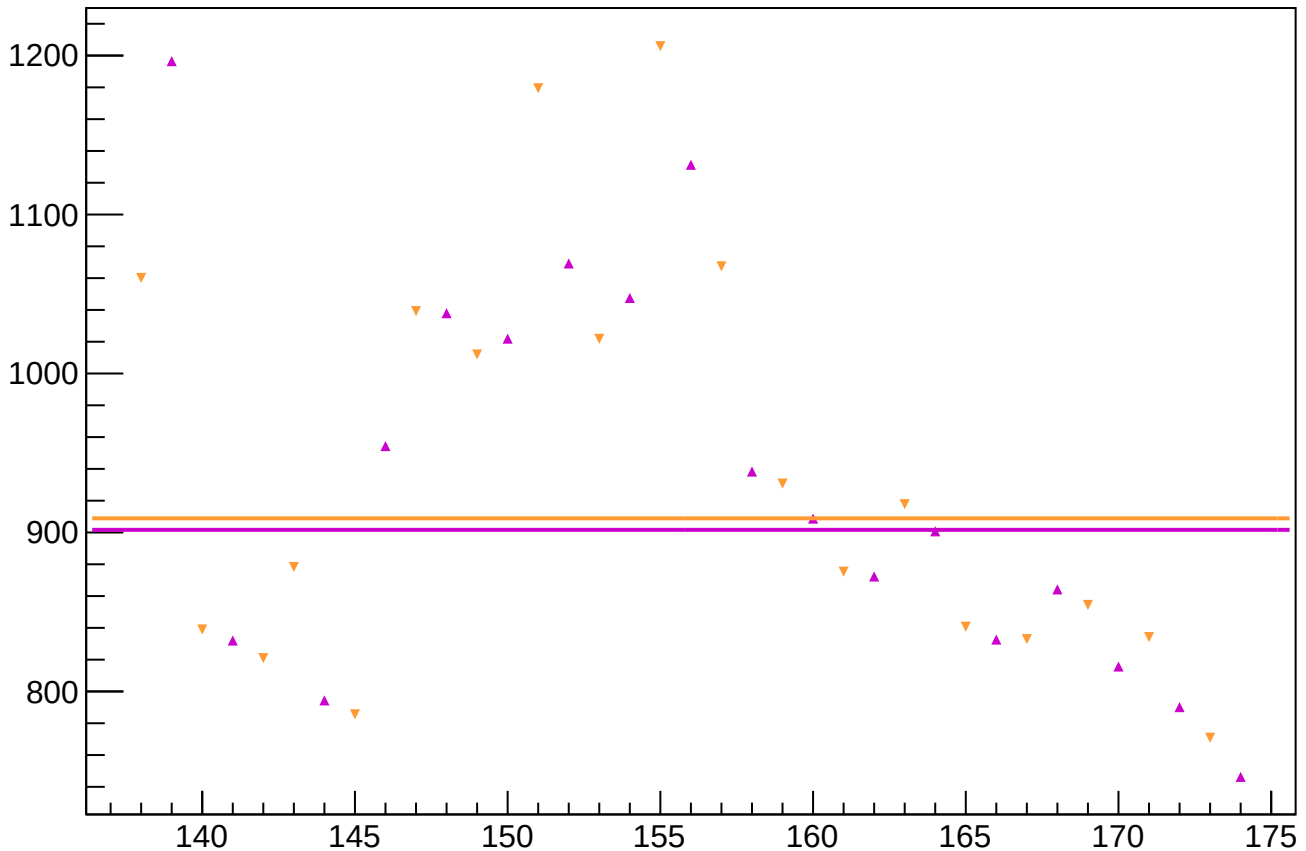
Left In: -59.067 $\pm$ 241.641 χ^2 /NDF:24.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -598.651 $\pm$ 171.580 χ^2 /NDF: 85.3/36

- sign 0.000 $\pm$ 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: 908.895+/-0.172 χ^2/NDF : 451196.8/18

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

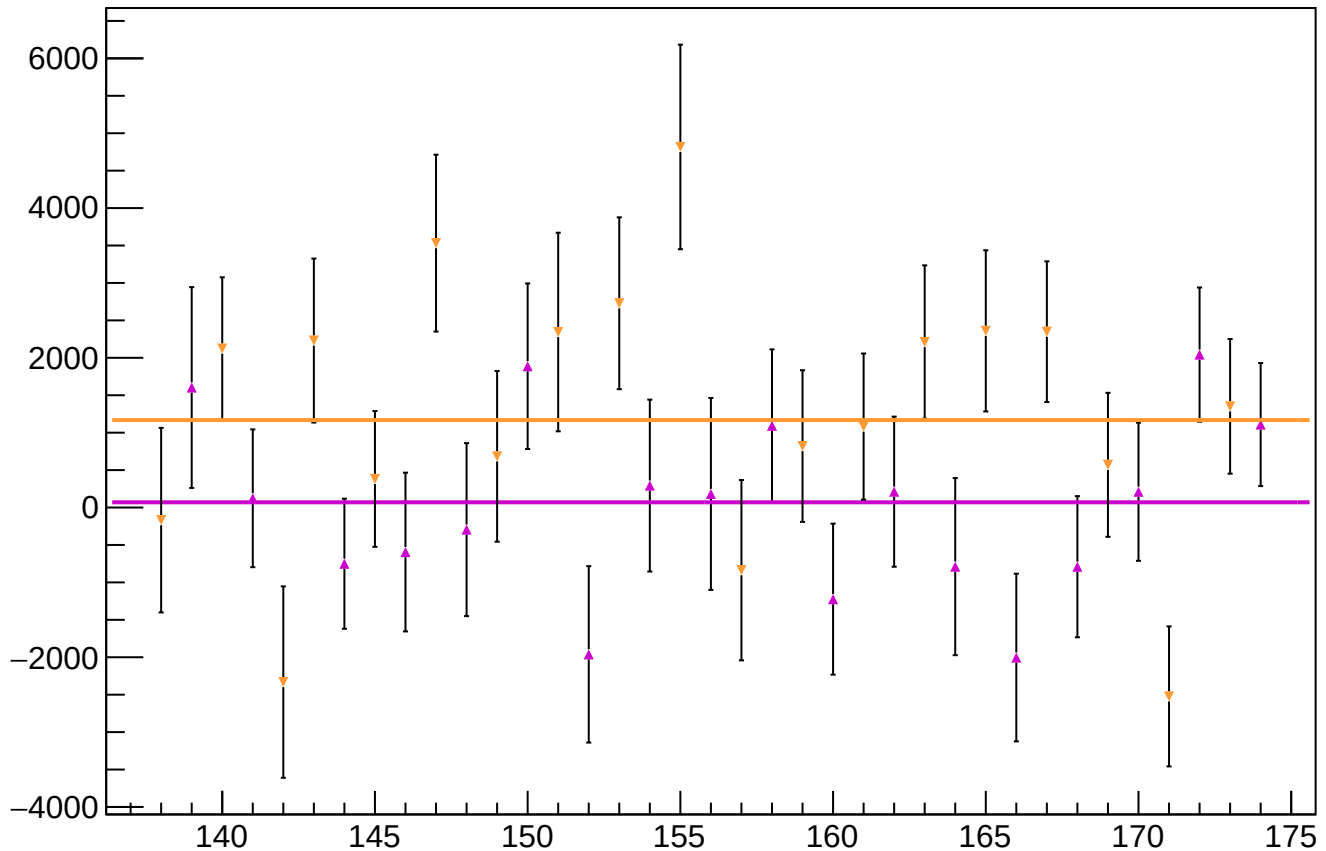
Left In: 901.655+/-0.171 χ^2/NDF : 468309.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 905.245+/-0.121 χ^2/NDF : 920396.2/36

- 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: 1167.939+/-243.309 χ^2/NDF : 48.1/18

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

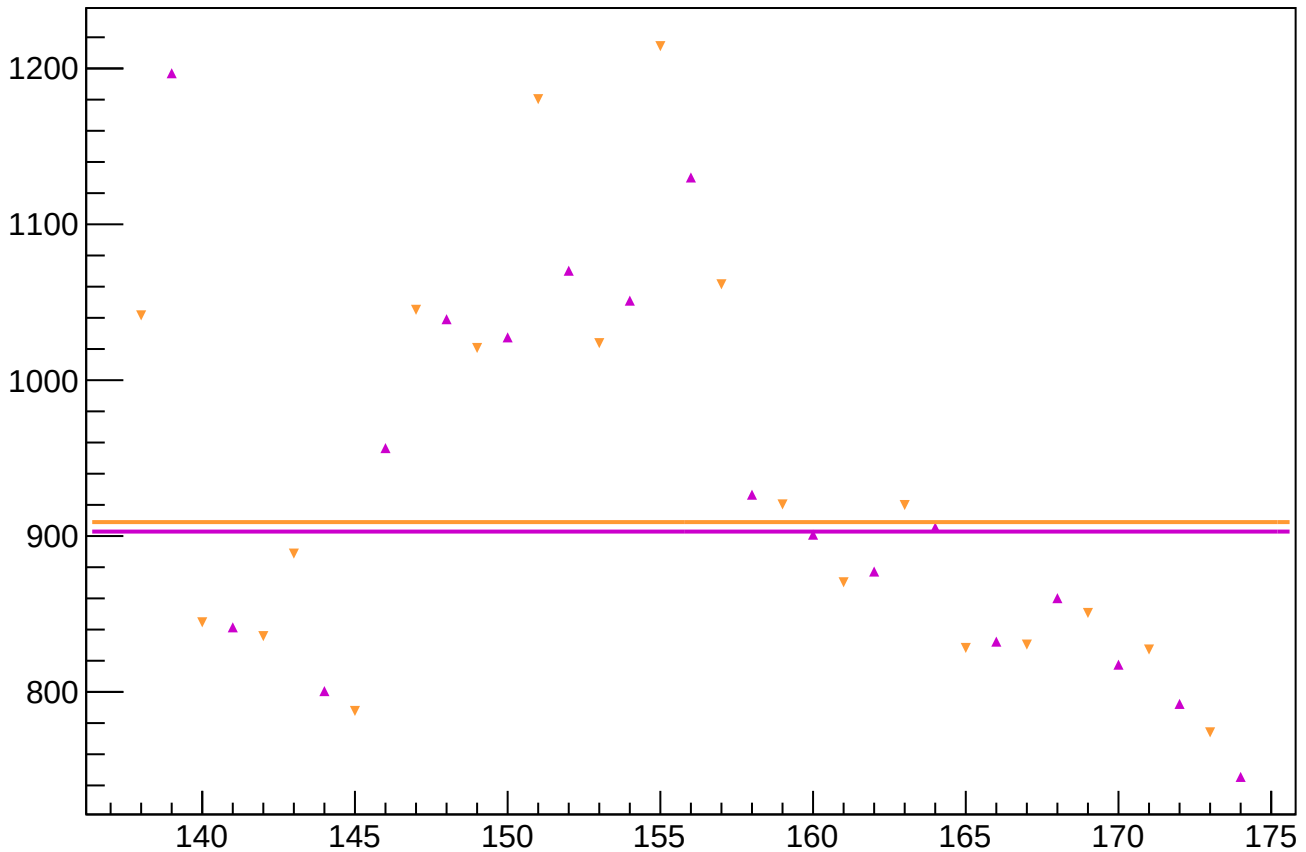
Left In: 69.752+/-241.996 χ^2/NDF : 22.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.874+/-171.579 χ^2/NDF : 80.6/36

- 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: 908.954+/-0.172 χ^2/NDF : 453134.0/18

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

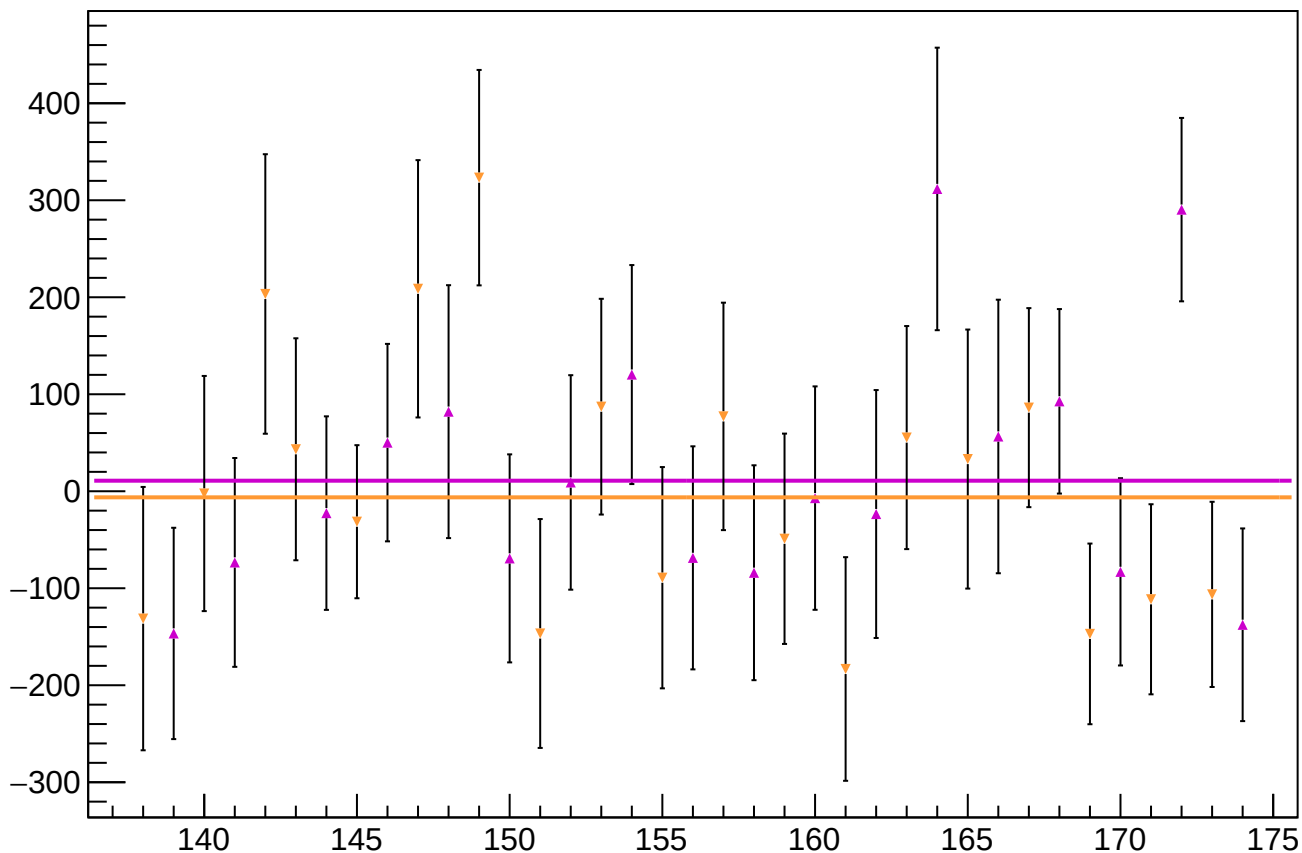
Left In: 902.869+/-0.171 χ^2/NDF : 462867.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 905.895+/-0.121 χ^2/NDF : 916630.8/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -6.280 $\pm$ 25.287 χ^2 /NDF: 26.1/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

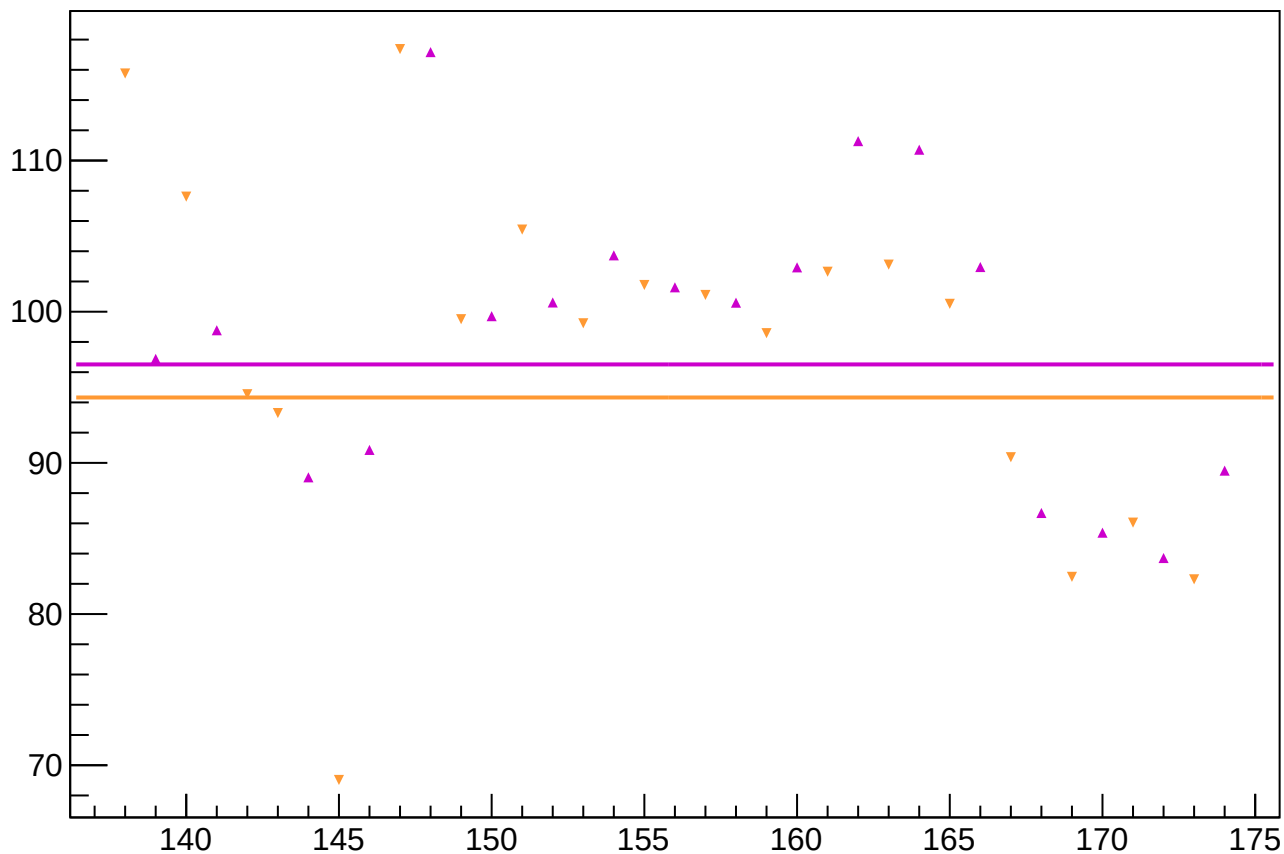
Left In: 10.872 $\pm$ 25.855 χ^2 /NDF: 23.1/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.106 $\pm$ 18.078 χ^2 /NDF: 49.4/36

- sign 0.000 $\pm$ 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: 94.326+/-0.018 χ^2/NDF : 492101.8/18

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

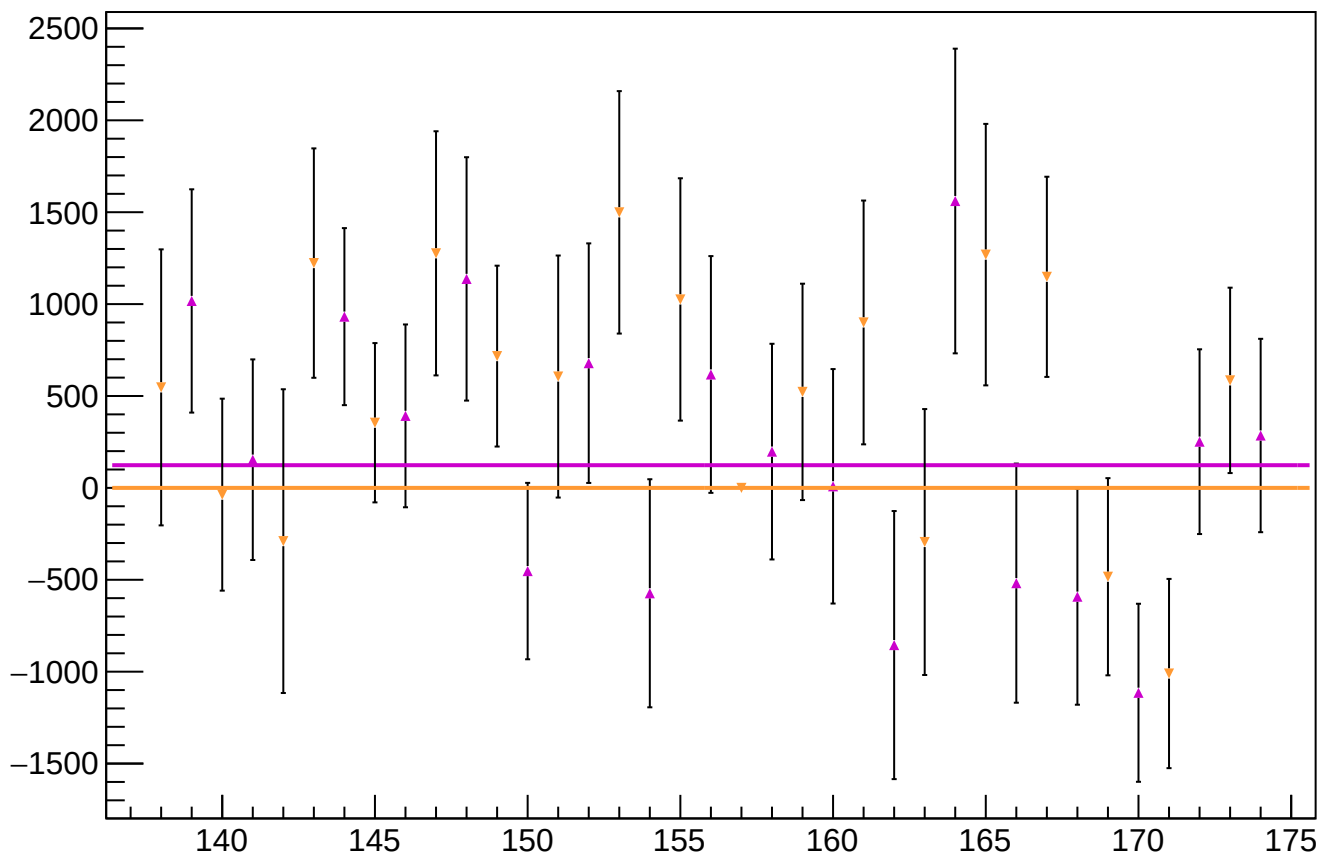
Left In: 96.513+/-0.018 χ^2/NDF : 238634.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.395+/-0.013 χ^2/NDF : 738050.8/36

- 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 : 35.8/18

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

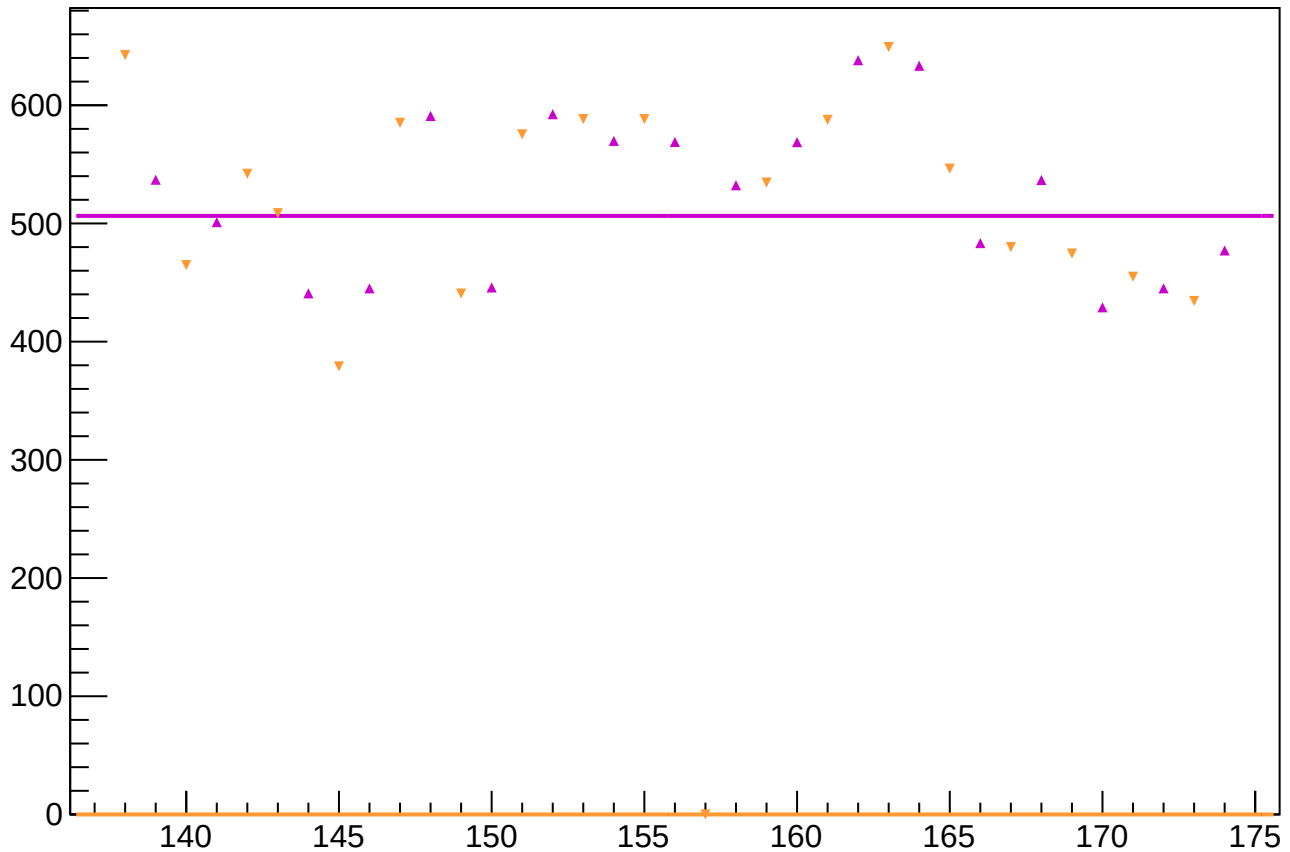
Left In: 123.462+/-135.840 χ^2/NDF : 25.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 62.3/36

- 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 : 26805910.6/18

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

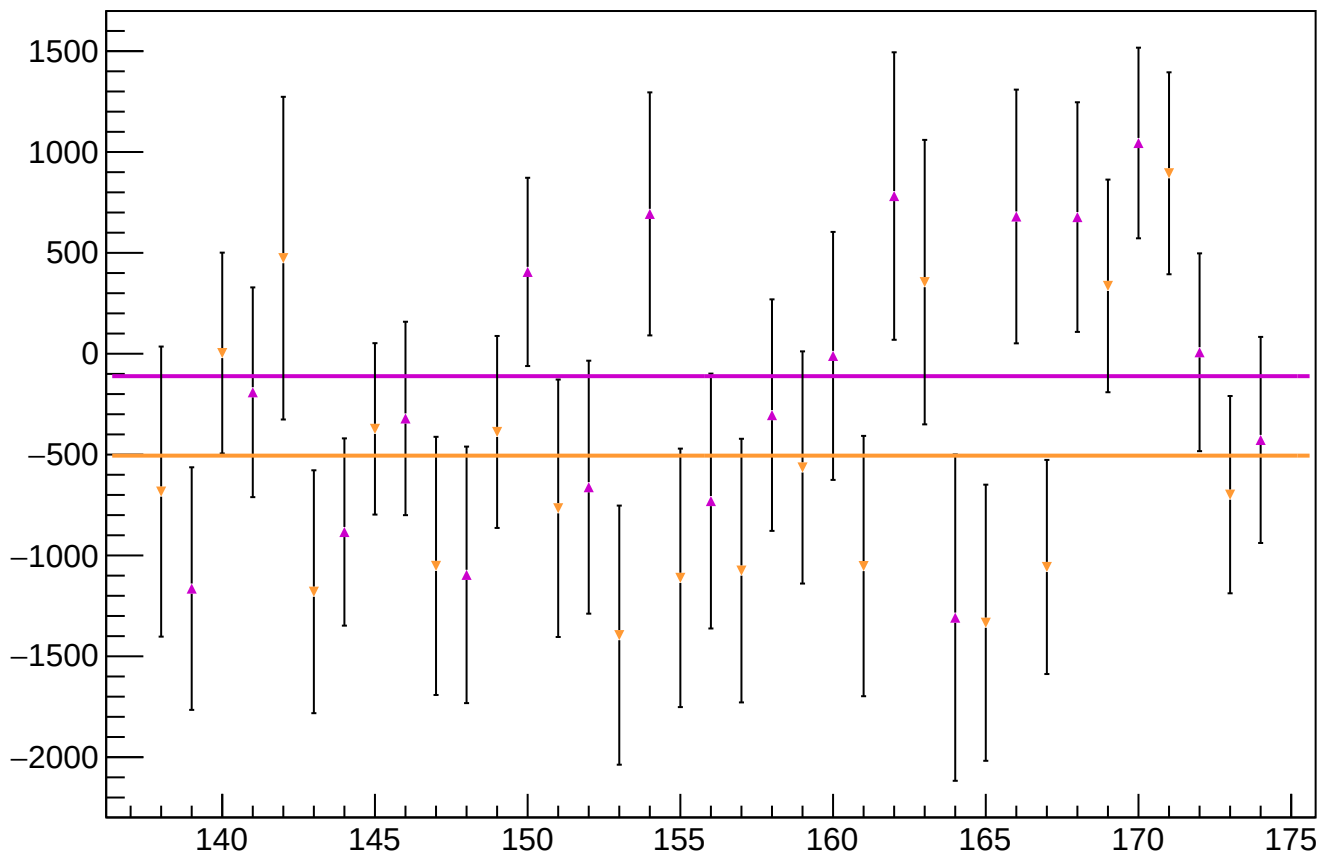
Left In: 506.397+/-0.096 χ^2/NDF : 441676.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 55042038.5/36

- 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: -505.151+/-132.176 χ^2/NDF : 23.8/18

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

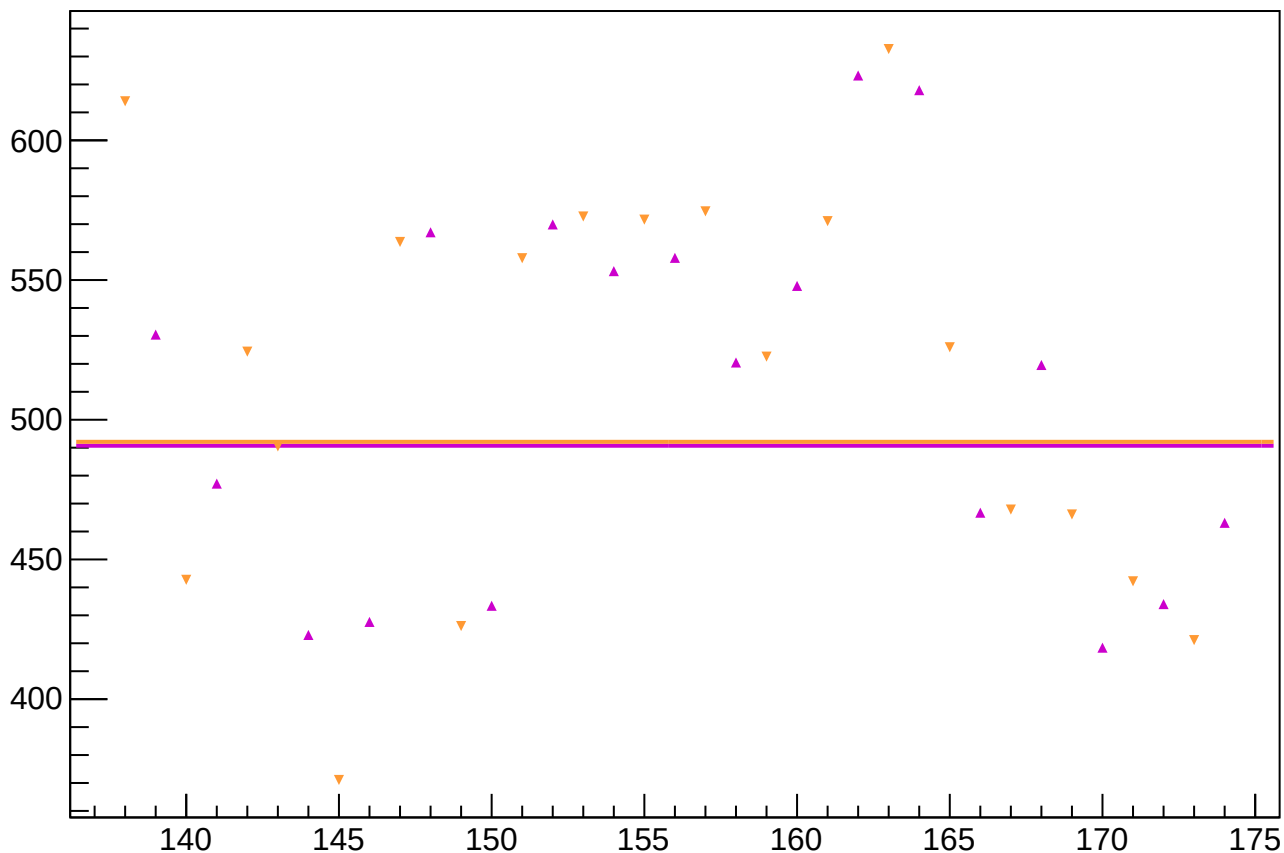
Left In: -111.233+/-131.765 χ^2/NDF : 27.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -307.578+/-93.317 χ^2/NDF : 55.3/36

- 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: 492.104+/-0.093 χ^2/NDF : 612486.7/18

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

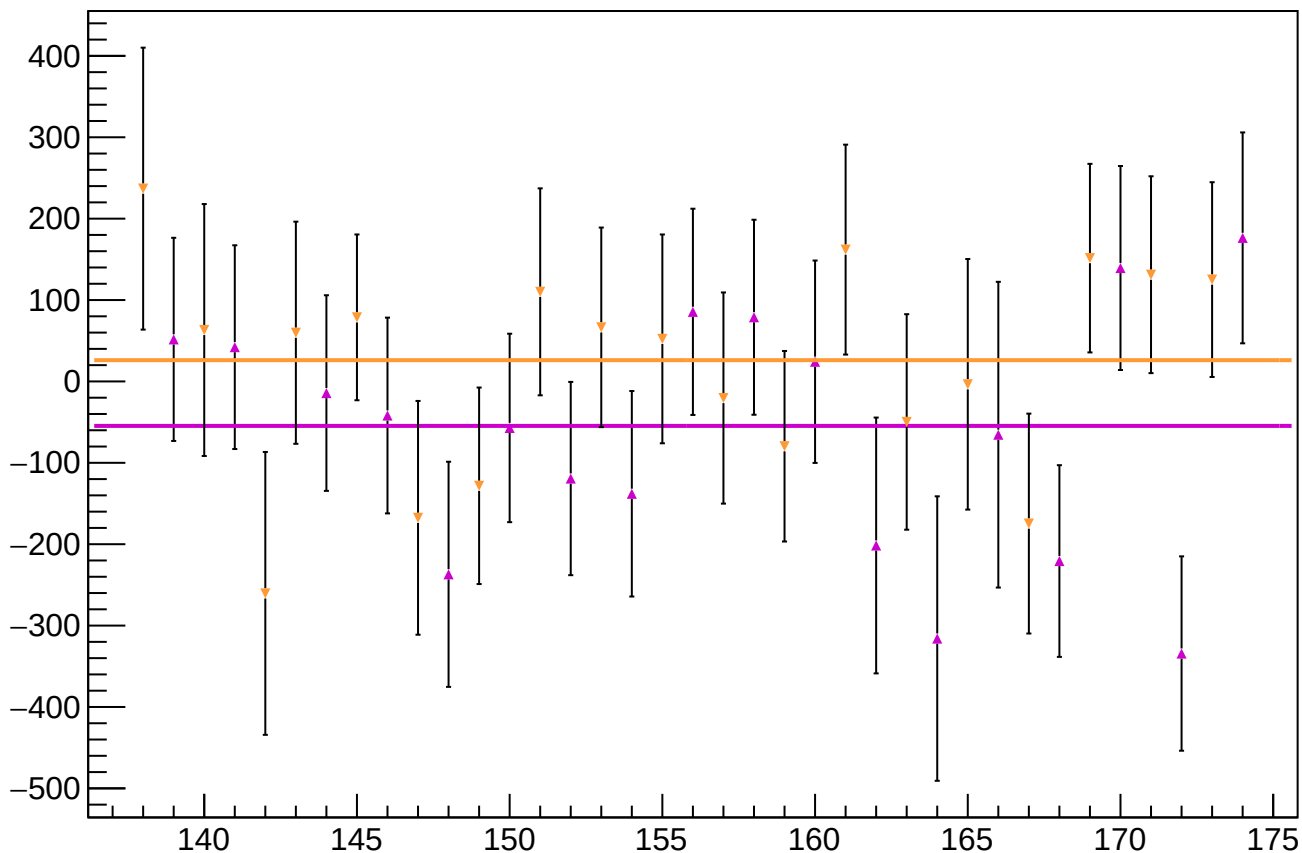
Left In: 490.702+/-0.093 χ^2/NDF : 451161.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.401+/-0.066 χ^2/NDF : 1063761.5/36

- 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: 26.105+/-29.830 χ^2/NDF :15.9/18

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

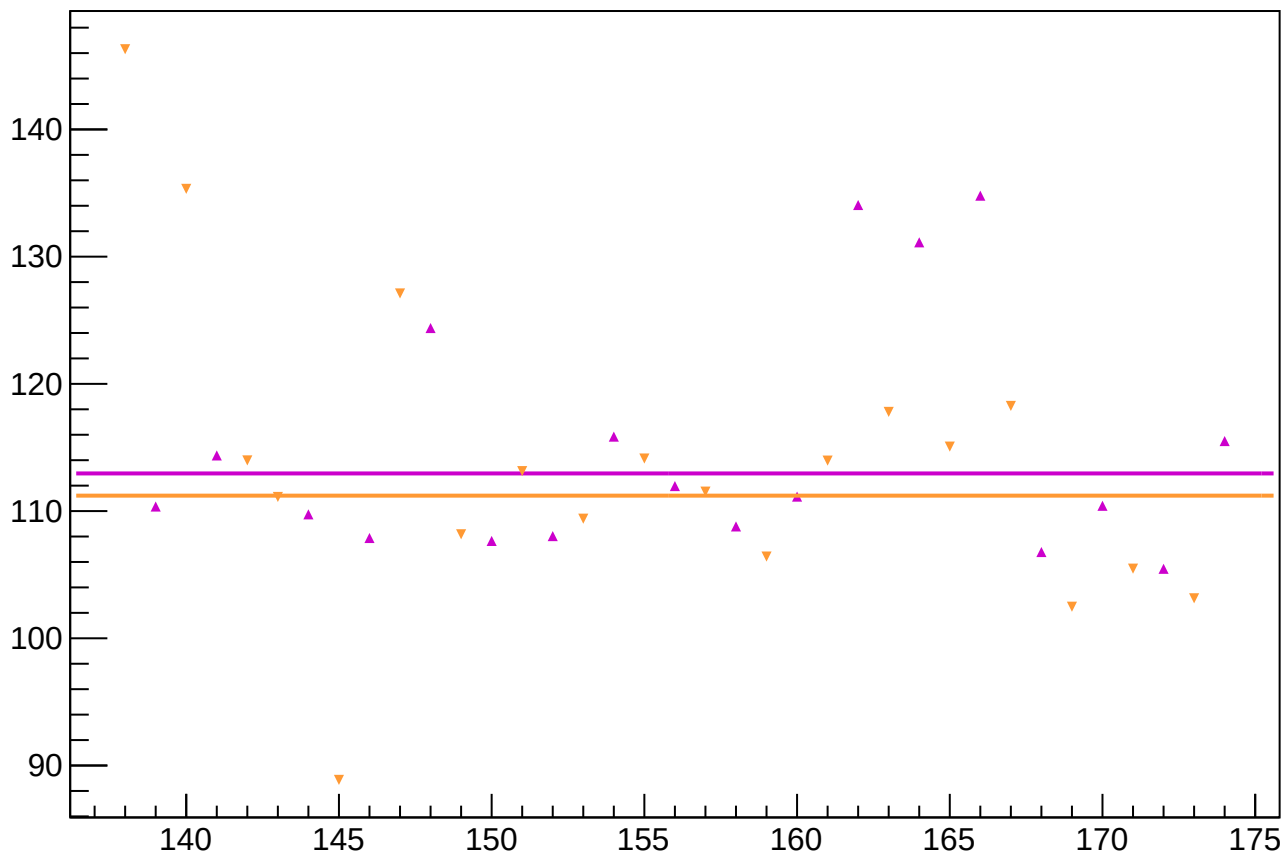
Left In: -54.645+/-30.280 χ^2/NDF :23.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.666+/-21.250 χ^2/NDF : 42.4/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 111.214+/-0.021 χ^2/NDF : 295943.3/18

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

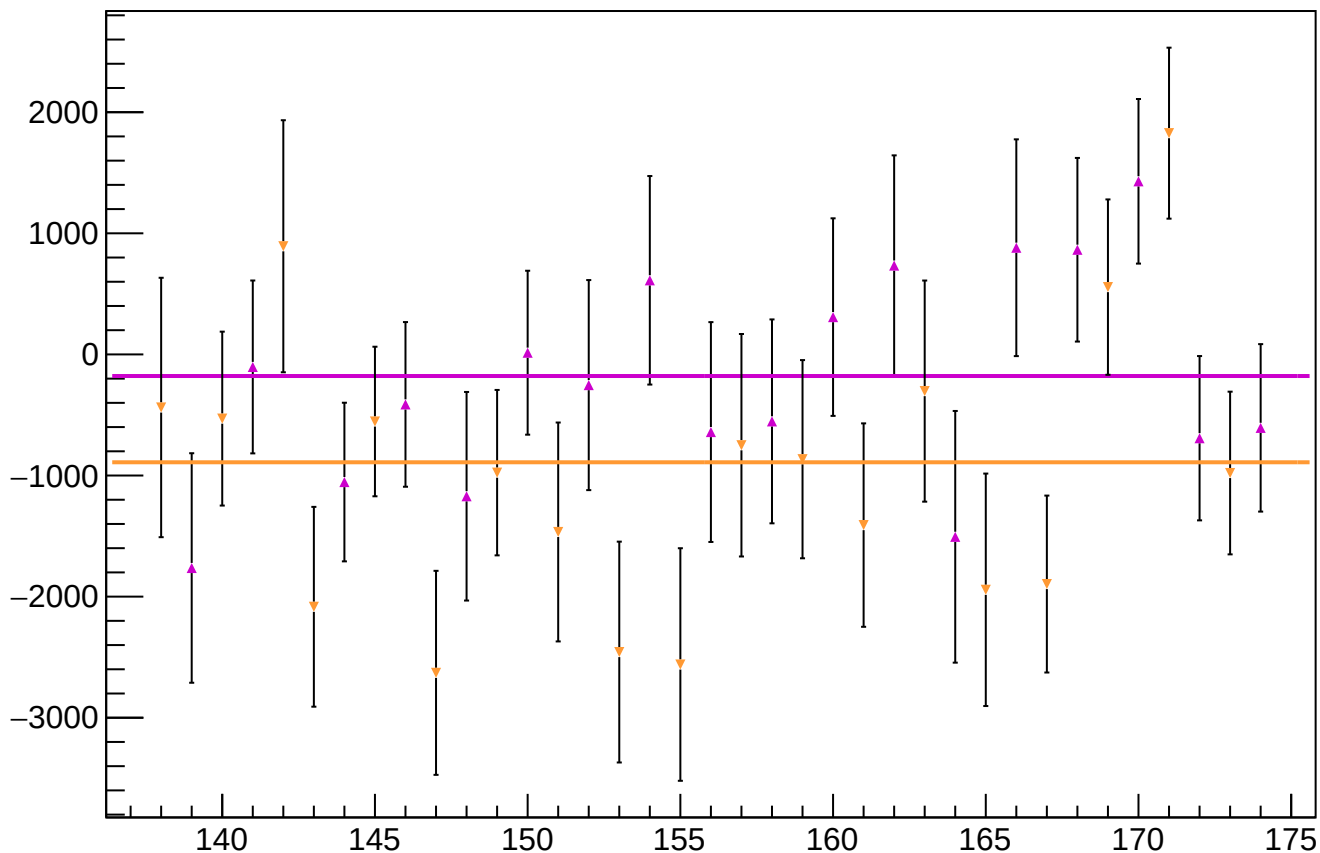
Left In: 112.960+/-0.021 χ^2/NDF : 131095.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.074+/-0.015 χ^2/NDF : 430414.0/36

- 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: -890.692+/-184.810 χ^2/NDF : 39.2/18

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

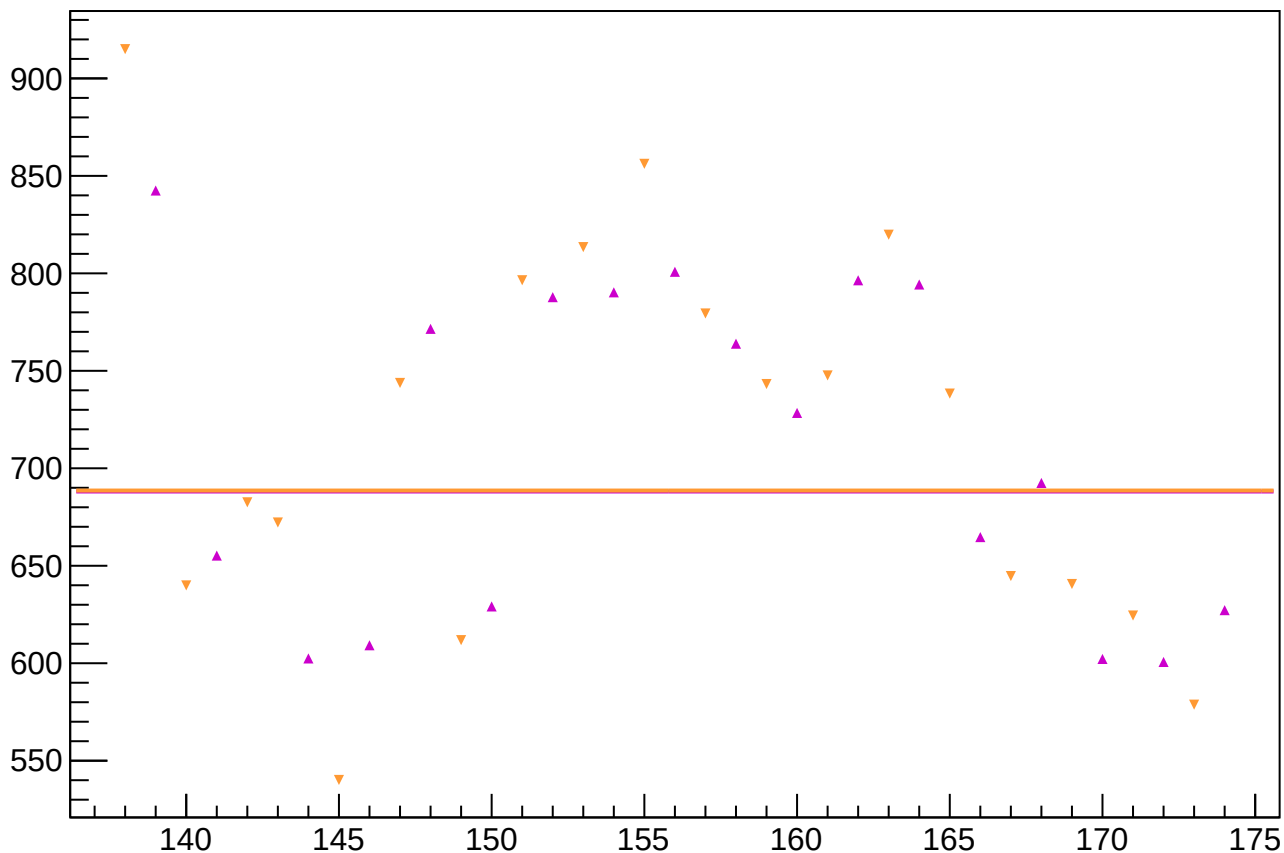
Left In: -178.355+/-184.238 χ^2/NDF : 20.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -533.419+/-130.478 χ^2/NDF : 66.9/36

- 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: 688.587+/-0.131 χ^2/NDF : 546821.3/18

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

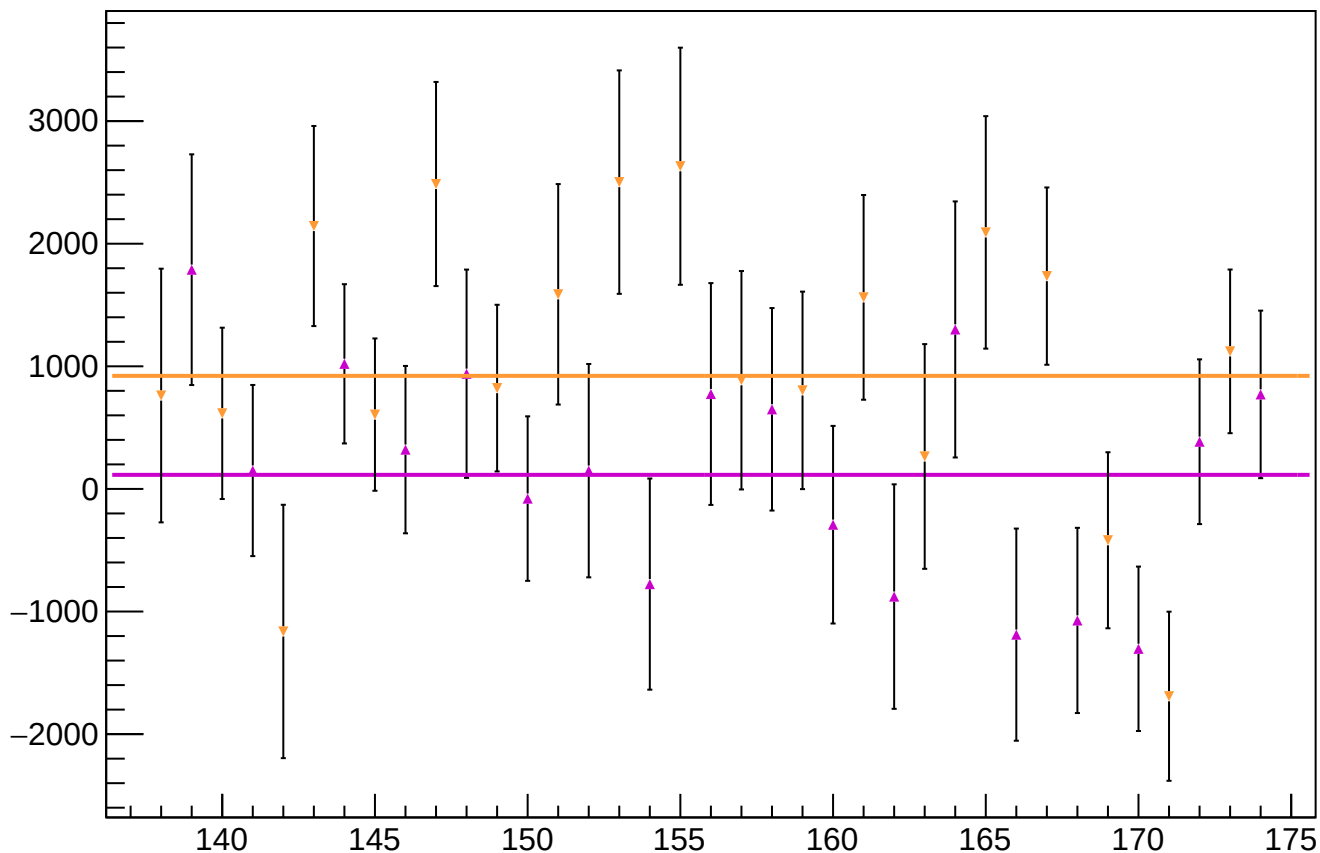
Left In: 688.098+/-0.130 χ^2/NDF : 390268.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.342+/-0.092 χ^2/NDF : 937096.7/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 922.223 $\pm$ 182.965 χ^2 /NDF:38.9/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

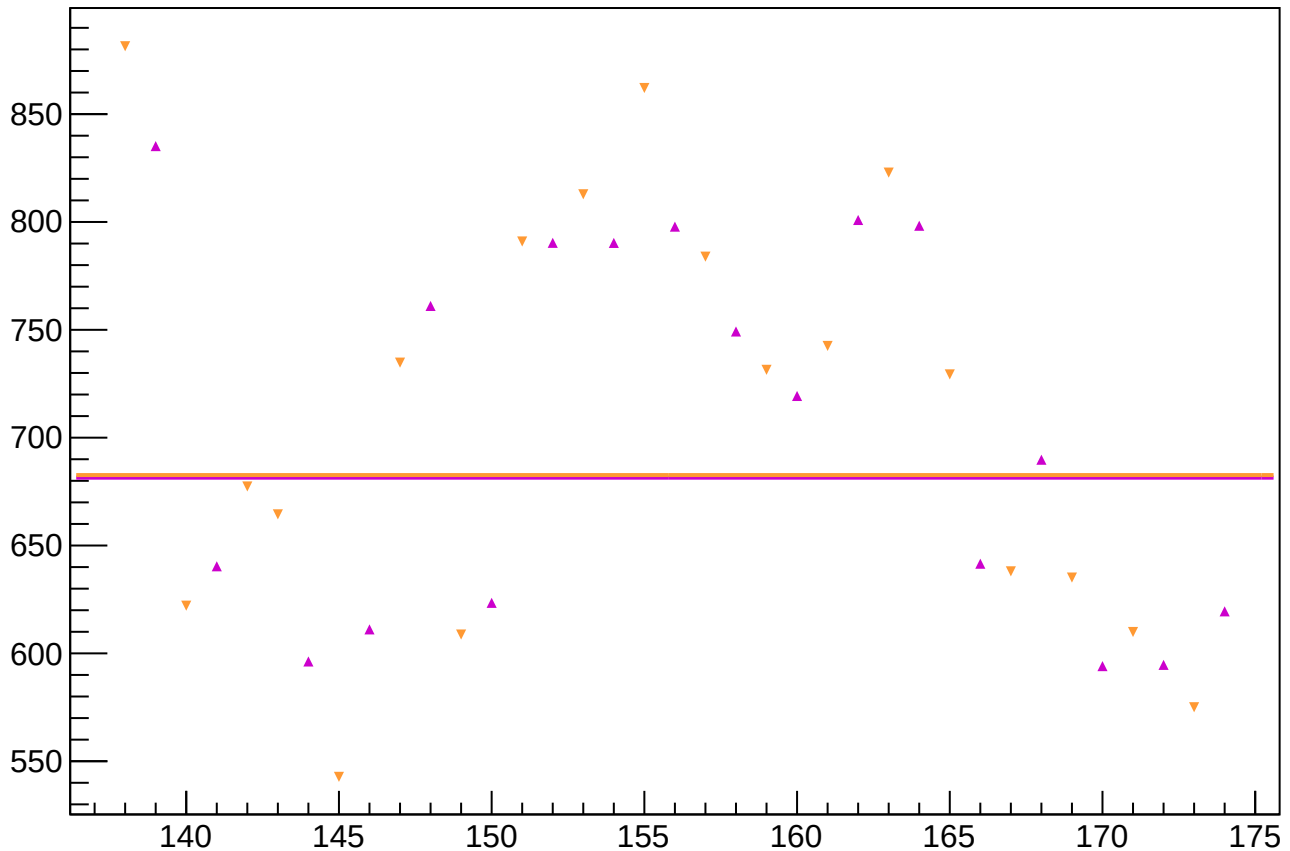
Left In: 114.787 $\pm$ 182.622 χ^2 /NDF:21.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 517.748 $\pm$ 129.254 χ^2 /NDF: 69.9/36

- sign 0.000 $\pm$ 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: 682.662+/-0.129 χ^2/NDF : 547411.4/18

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

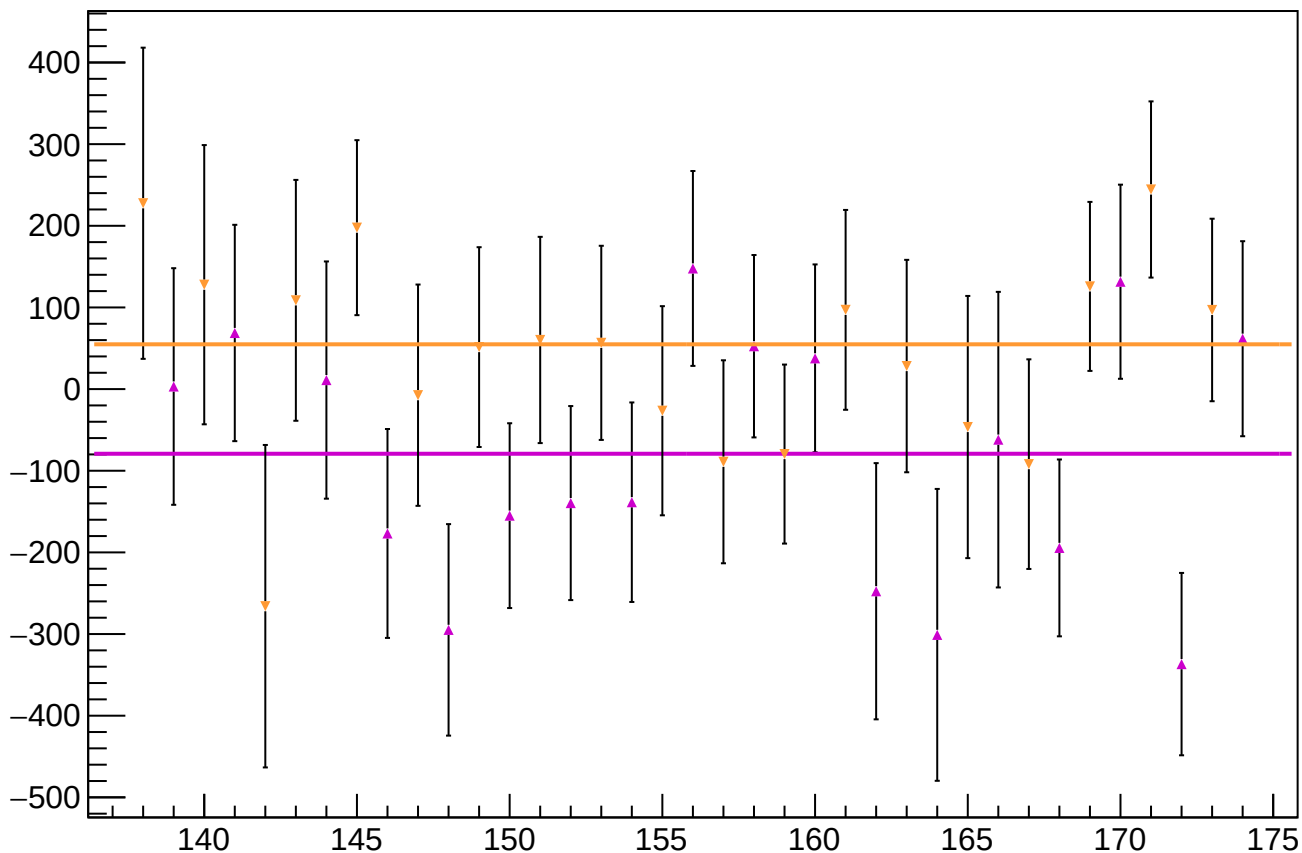
Left In: 681.454+/-0.129 χ^2/NDF : 410105.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 682.057+/-0.091 χ^2/NDF : 957560.9/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 54.854 $\pm$ 29.252 χ^2 /NDF:14.6/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

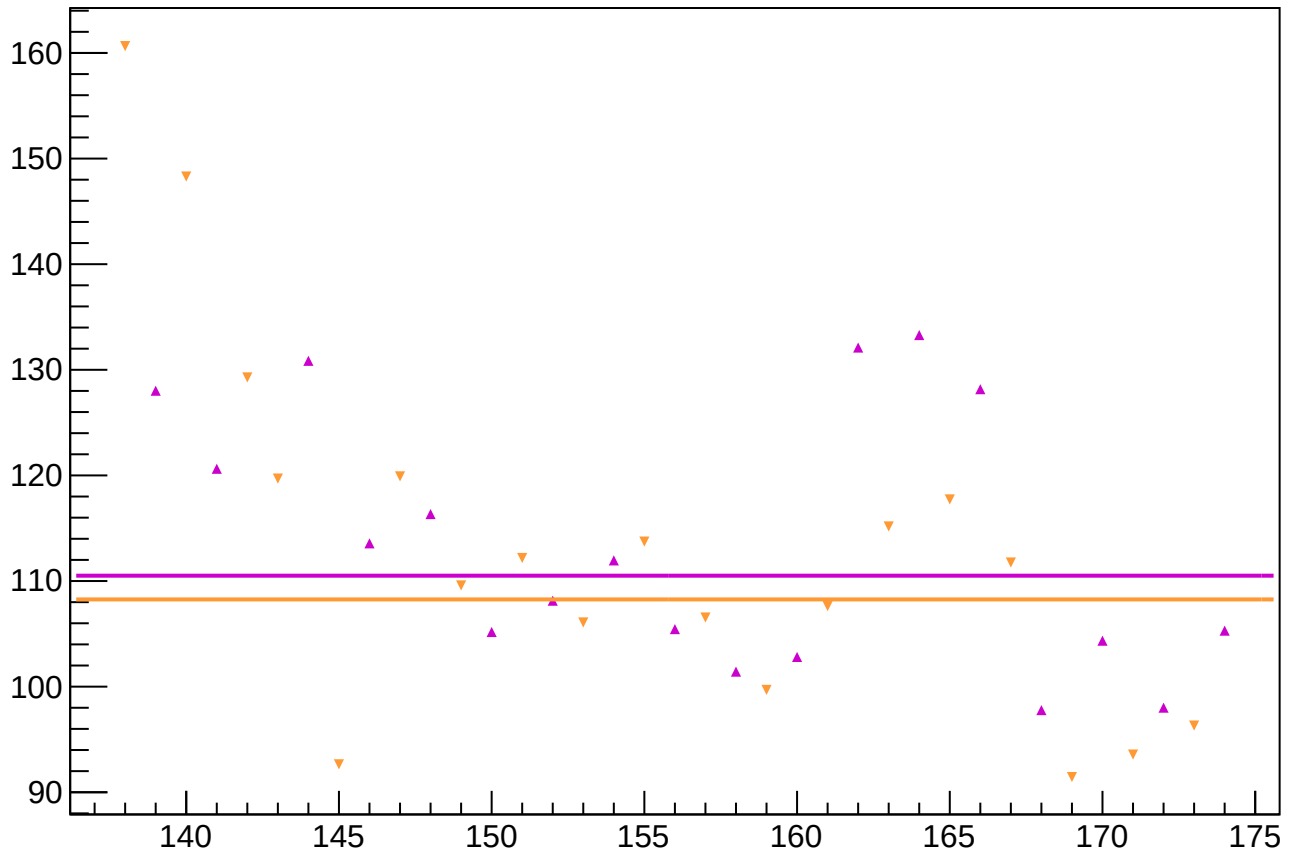
Left In: -79.193 $\pm$ 29.836 χ^2 /NDF:26.0/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.844 $\pm$ 20.888 χ^2 /NDF: 50.9/36

- sign 0.000 $\pm$ 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: 108.259+/-0.021 χ^2/NDF : 498721.3/18

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

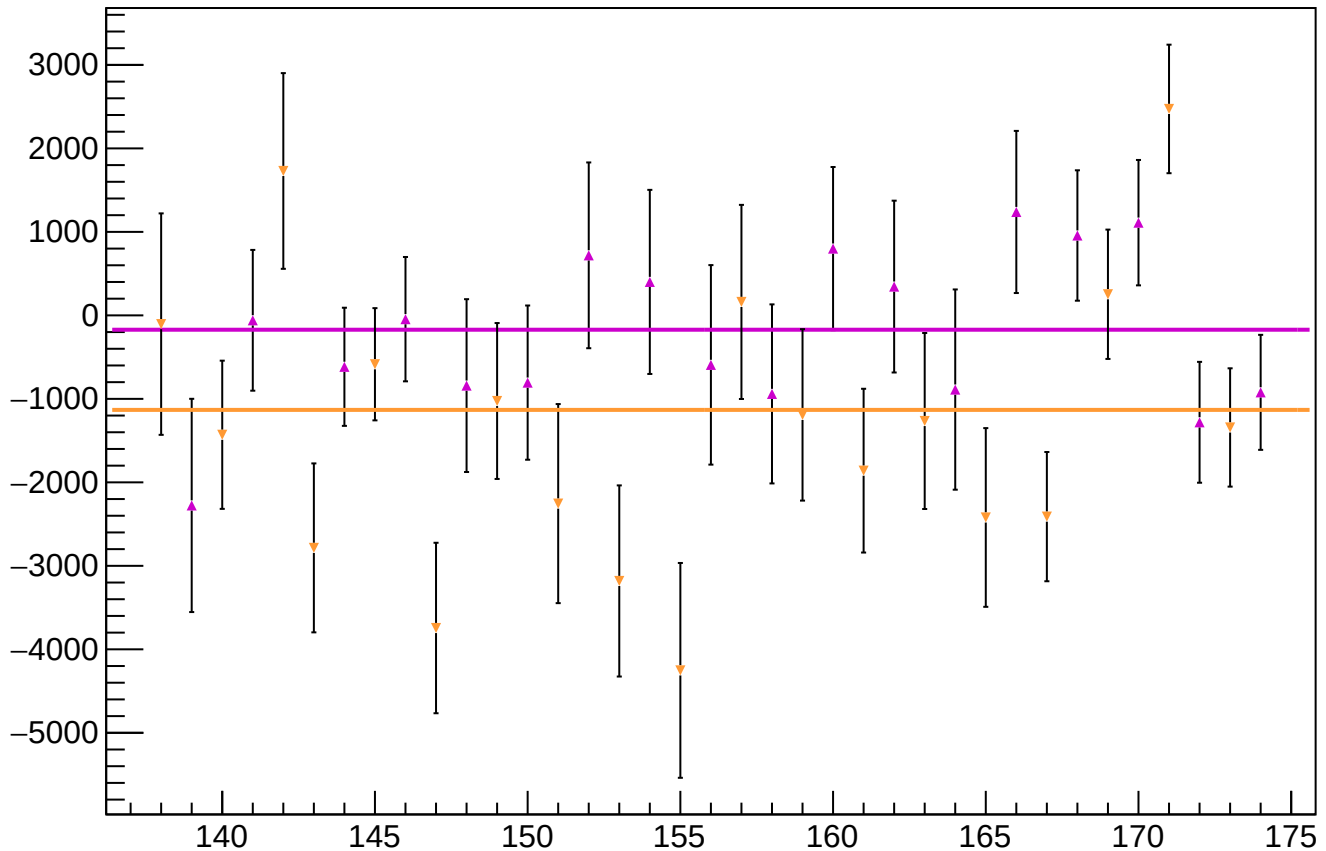
Left In: 110.507+/-0.021 χ^2/NDF : 267882.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.361+/-0.015 χ^2/NDF : 772388.8/36

- 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: -1132.137+/-215.920 χ^2/NDF : 57.7/18

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

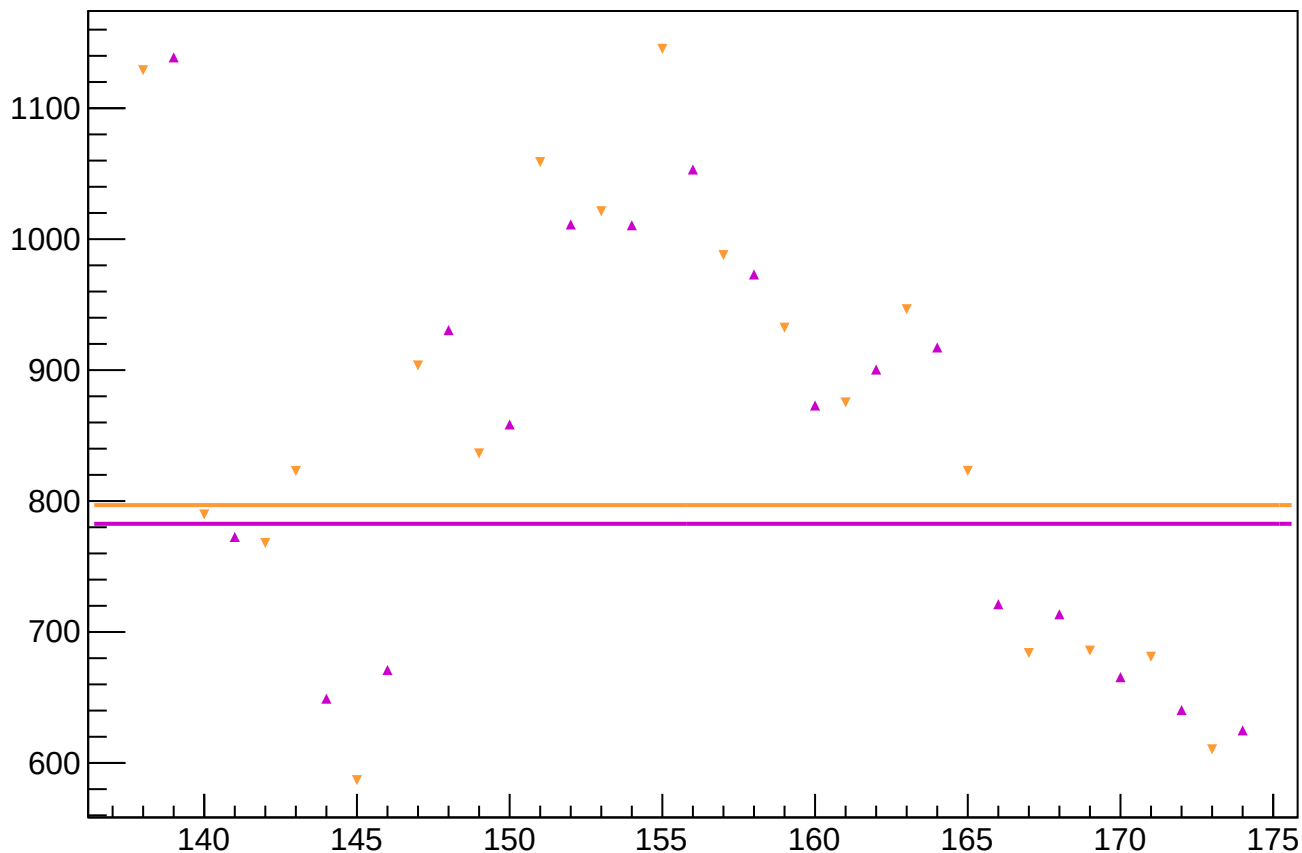
Left In: -171.884+/-211.747 χ^2/NDF : 17.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -642.640+/-151.181 χ^2/NDF : 85.7/36

- 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: 796.931+/-0.153 χ^2/NDF :1079513.0/18

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

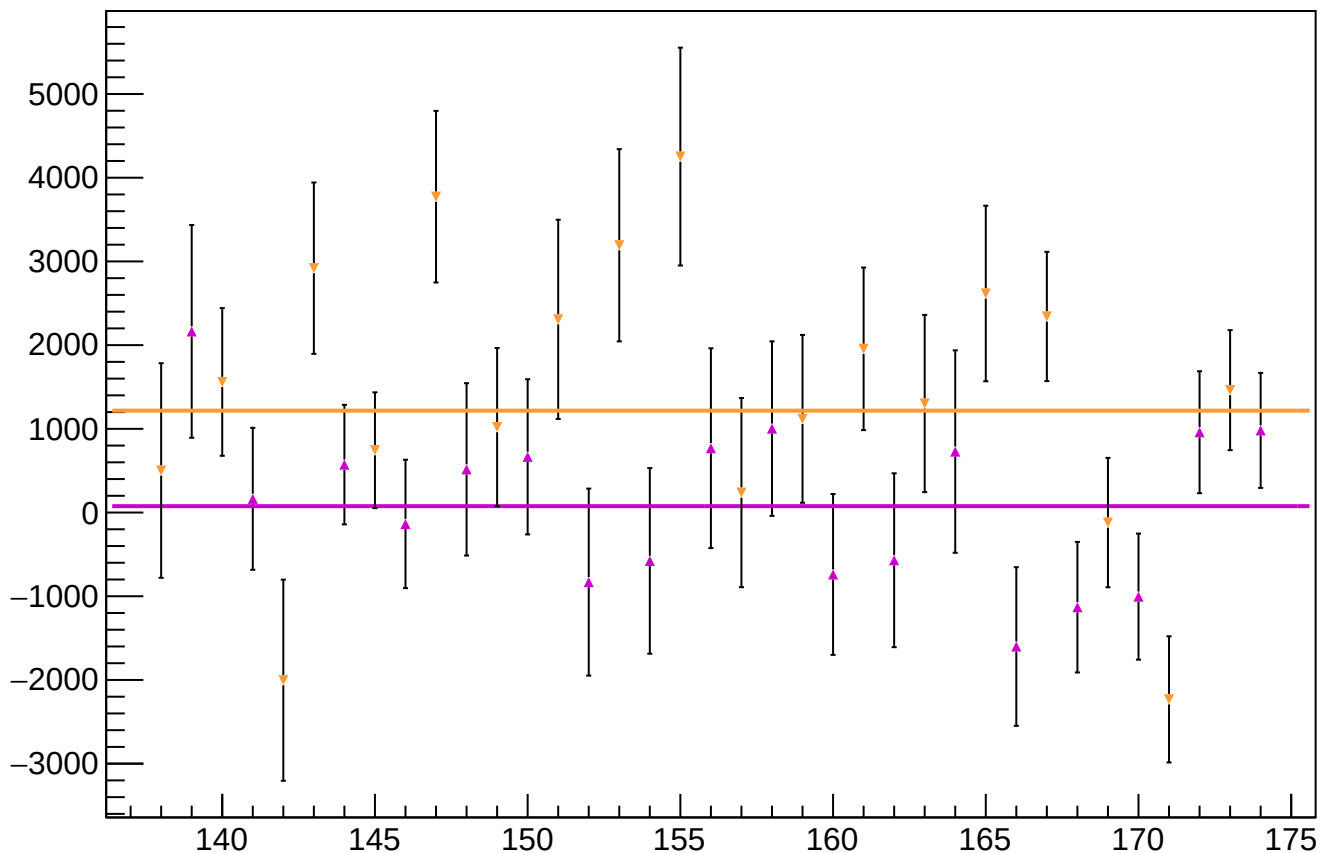
Left In: 782.640+/-0.150 χ^2/NDF :984898.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.646+/-0.107 χ^2/NDF : 2068877.2/36

- 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: 1217.314+/-215.894 χ^2/NDF :55.7/18

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

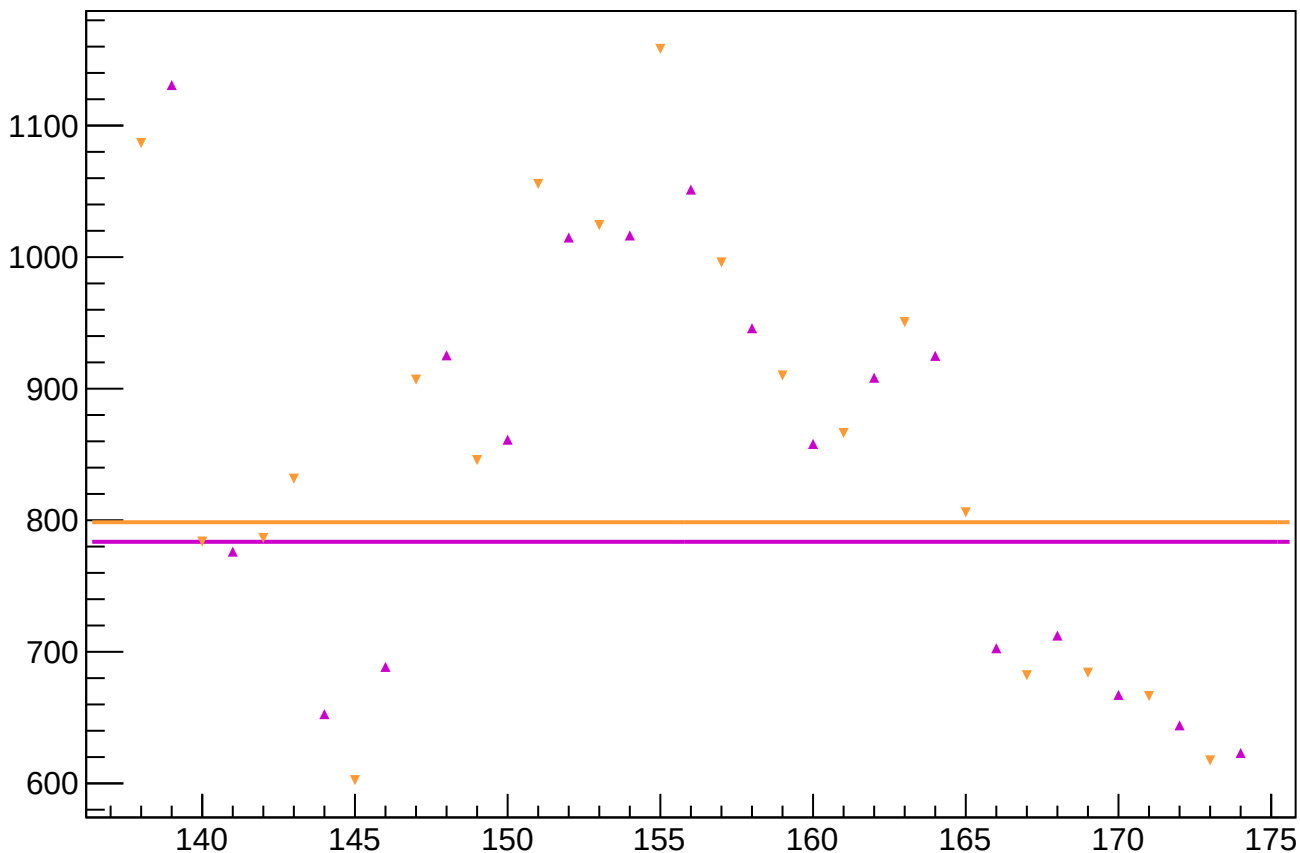
Left In: 75.953+/-212.096 χ^2/NDF :18.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.508+/-151.299 χ^2/NDF : 88.1/36

- 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: 798.497+/-0.153 χ^2/NDF :1030690.1/18

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

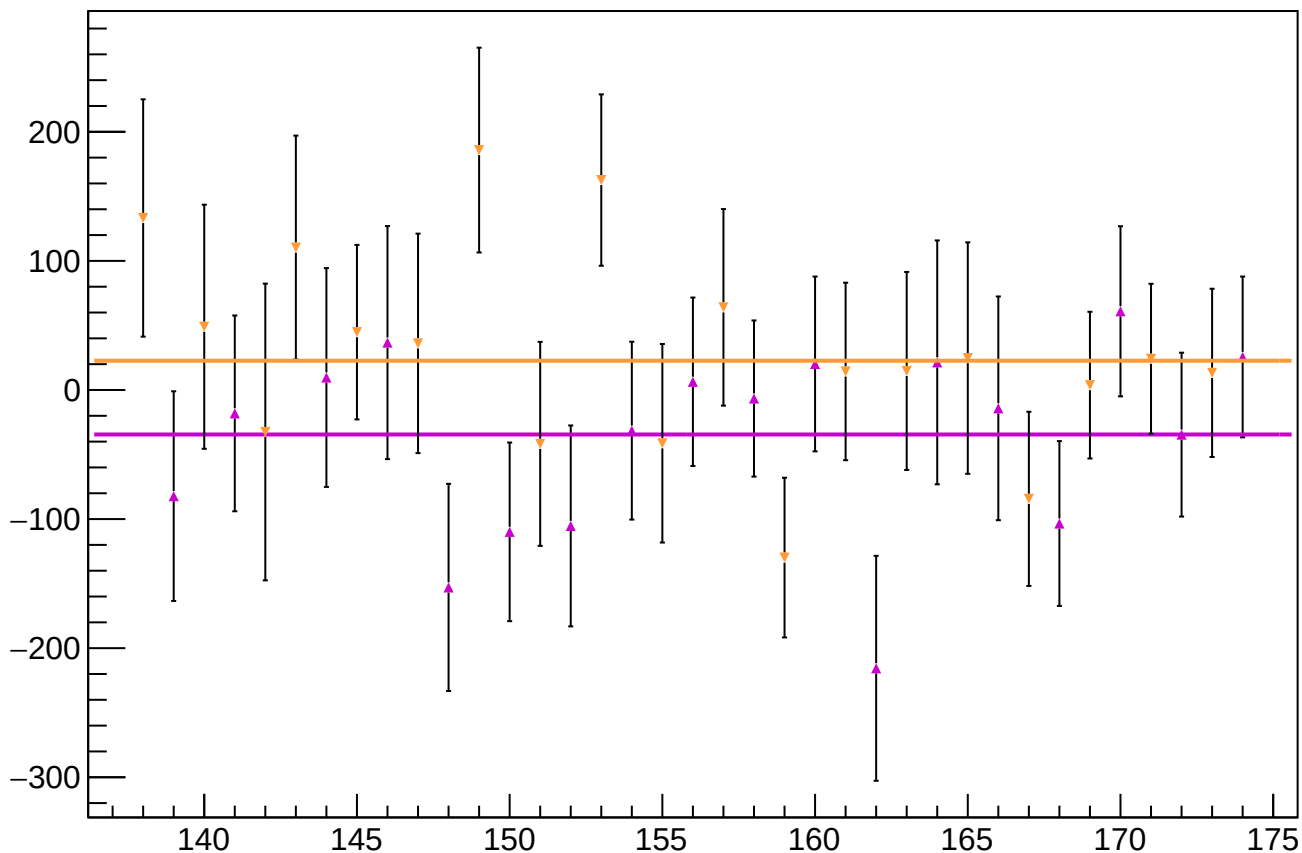
Left In: 783.618+/-0.150 χ^2/NDF :951896.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 790.926+/-0.107 χ^2/NDF : 1987420.7/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 22.682 $\pm$ 16.873 χ^2 /NDF:22.0/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

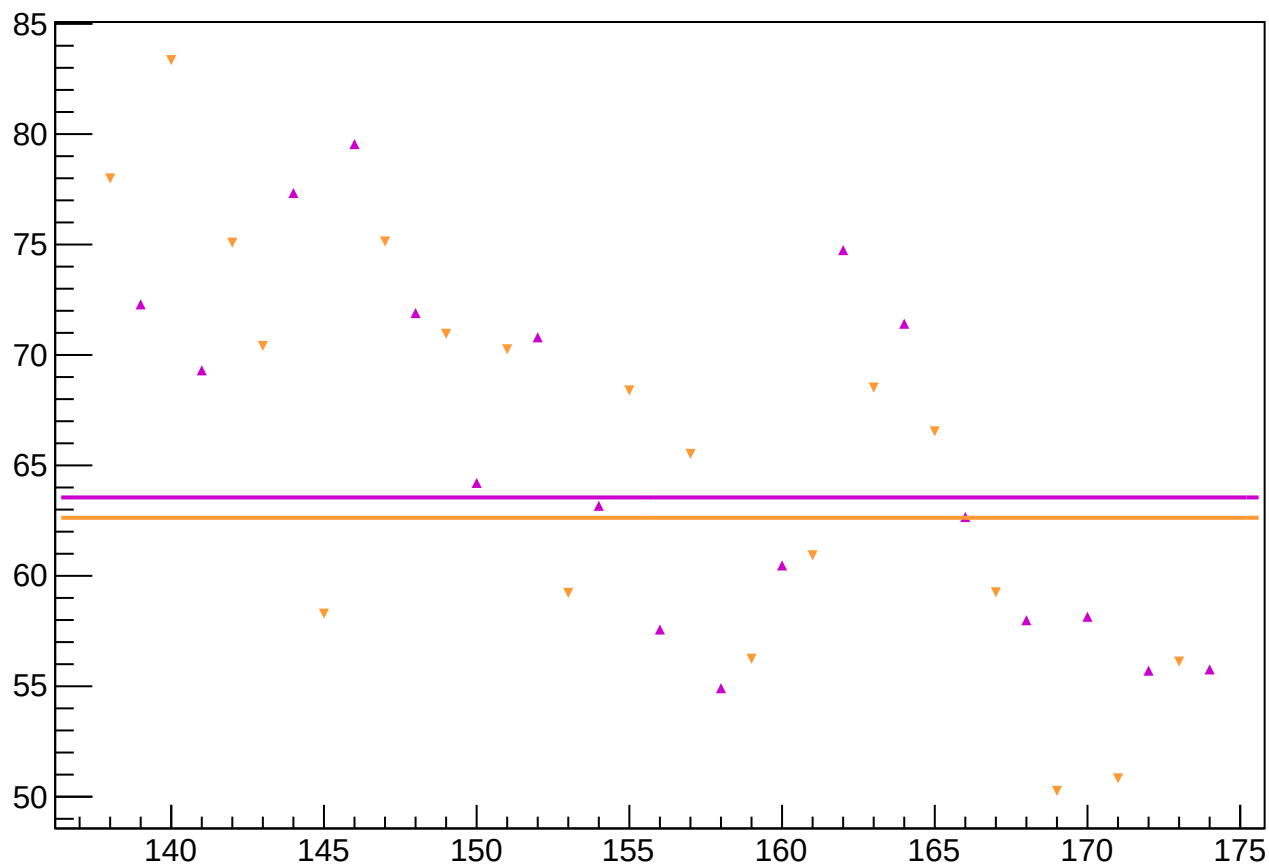
Left In: -34.474 $\pm$ 17.119 χ^2 /NDF:15.7/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.483 $\pm$ 12.017 χ^2 /NDF: 43.3/36

- sign 0.000 $\pm$ 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: 62.629+/-0.012 χ^2/NDF : 543466.8/18

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

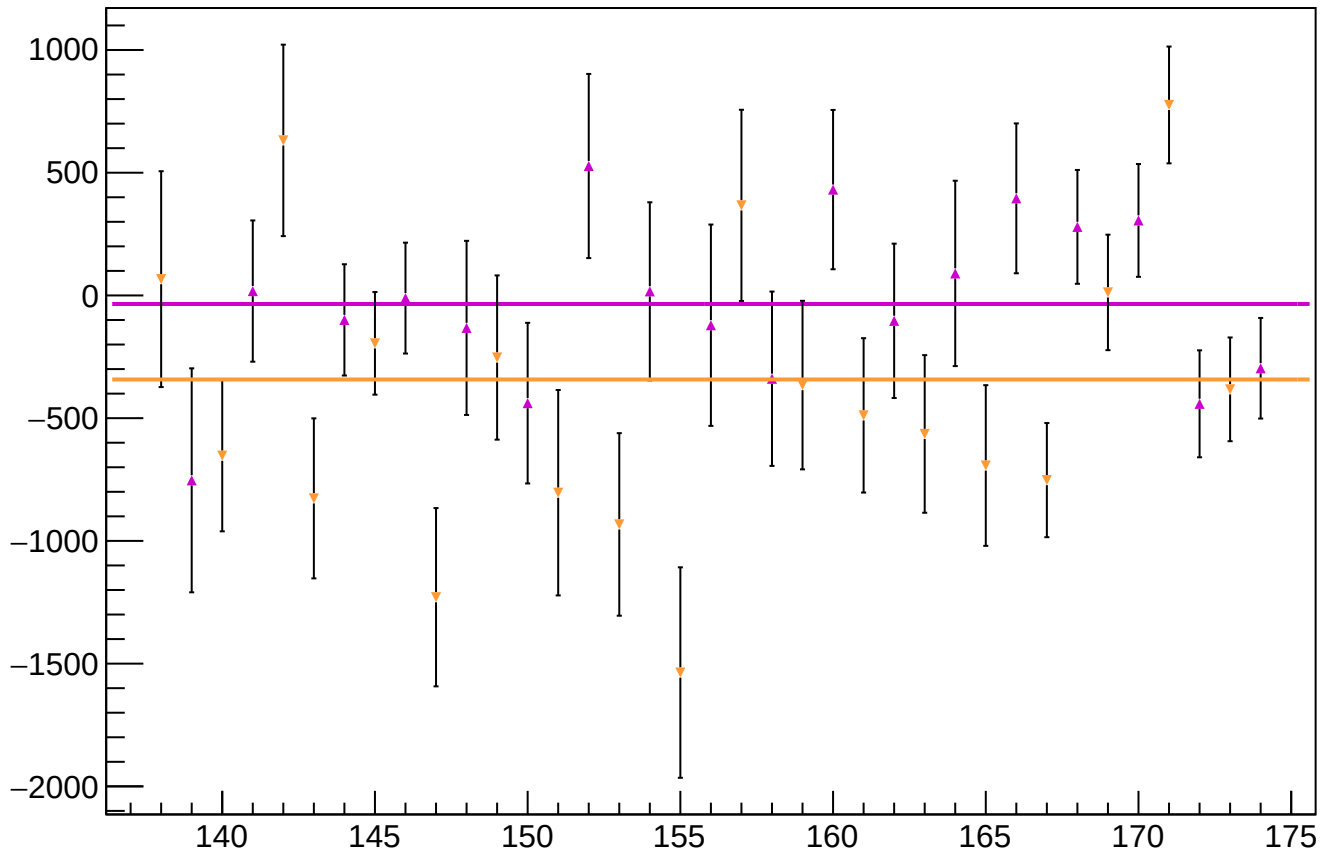
Left In: 63.550+/-0.012 χ^2/NDF : 388849.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.083+/-0.008 χ^2/NDF : 935252.8/36

- 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: -342.357+/-68.953 χ^2/NDF : 61.0/18

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

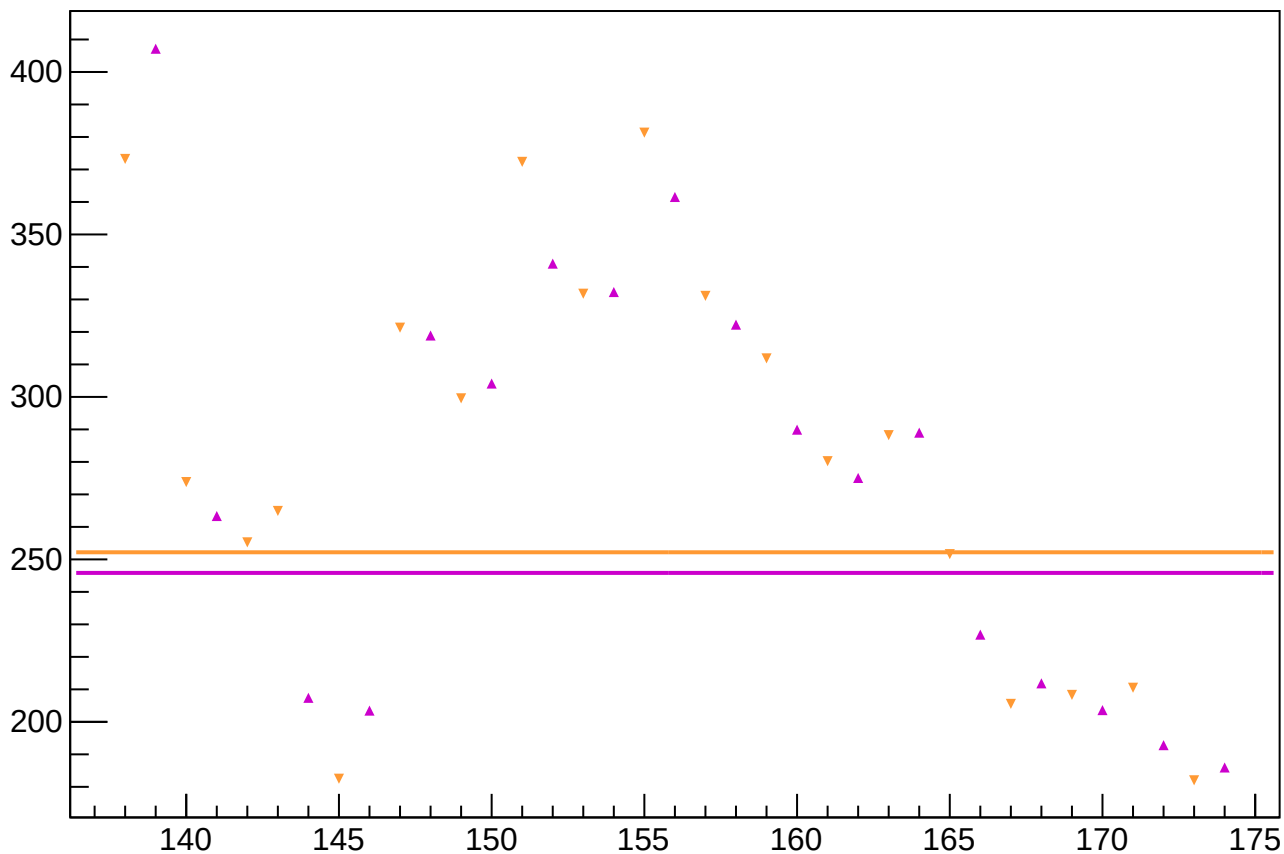
Left In: -34.693+/-67.182 χ^2/NDF : 20.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -184.523+/-48.119 χ^2/NDF : 91.8/36

- 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: 252.188+/-0.049 χ^2/NDF :1553106.0/18

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

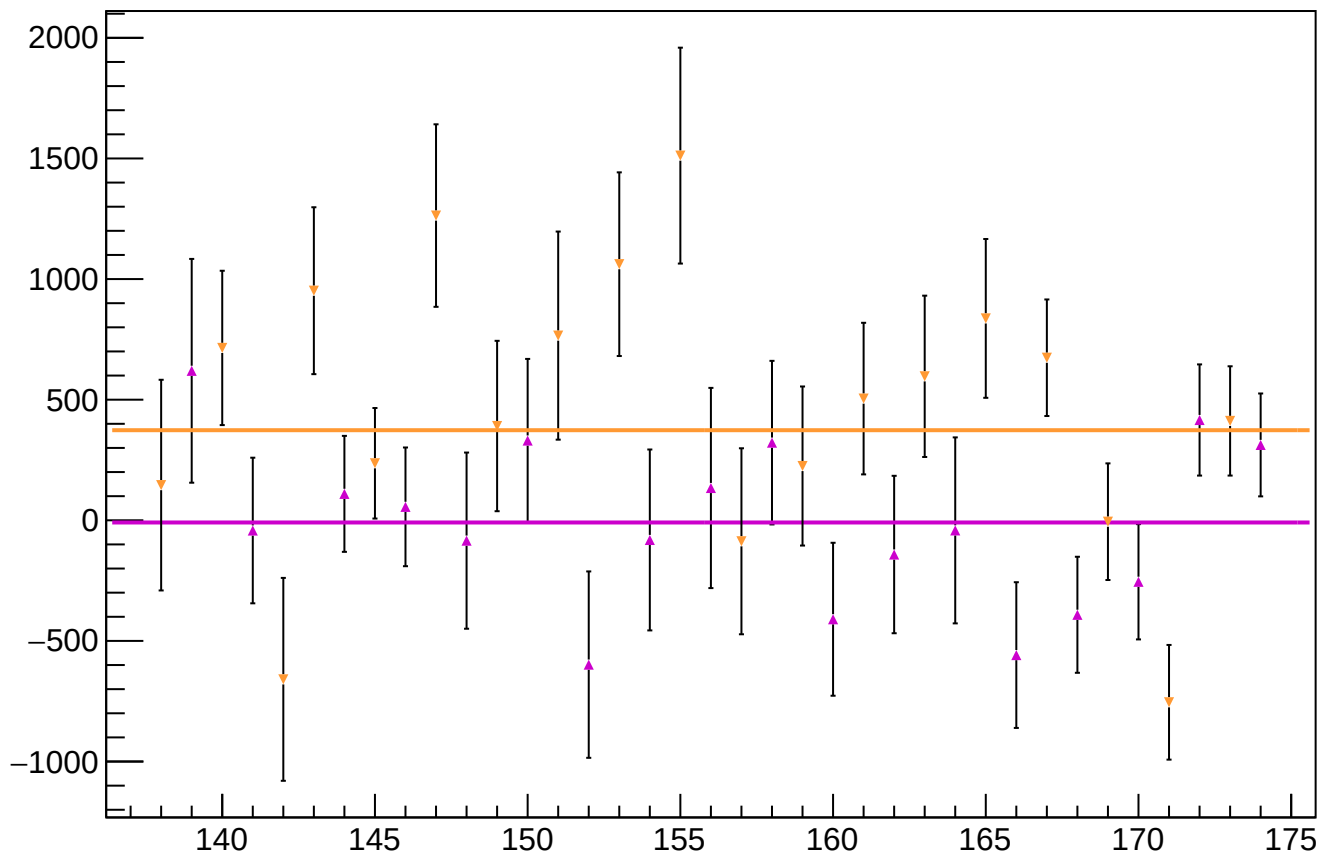
Left In: 245.841+/-0.048 χ^2/NDF :1515264.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.932+/-0.034 χ^2/NDF : 3077064.1/36

- 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: 373.496+/-71.427 χ^2/NDF : 57.5/18

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

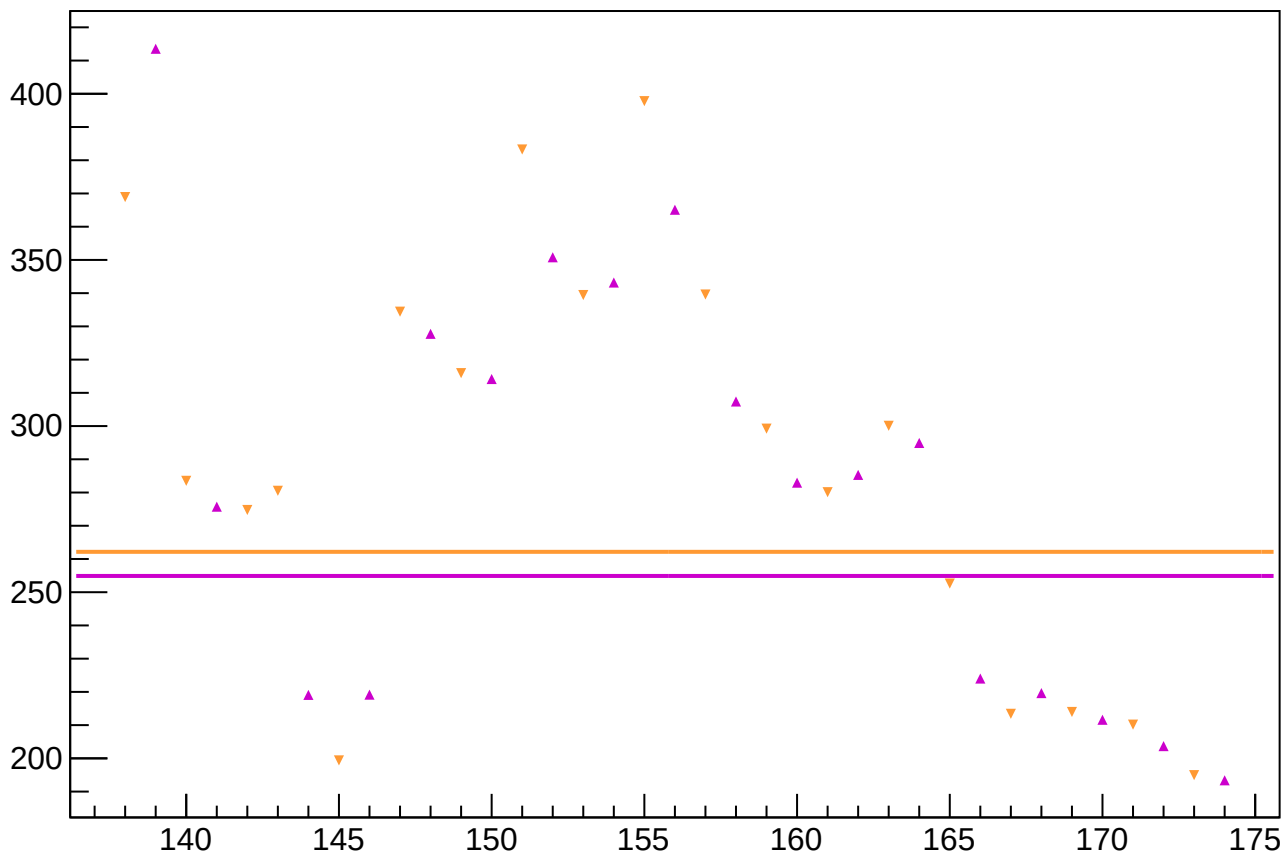
Left In: -9.074+/-69.565 χ^2/NDF : 21.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.159+/-49.835 χ^2/NDF : 93.2/36

- 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: 262.153+/-0.051 χ^2/NDF :1401749.6/18

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

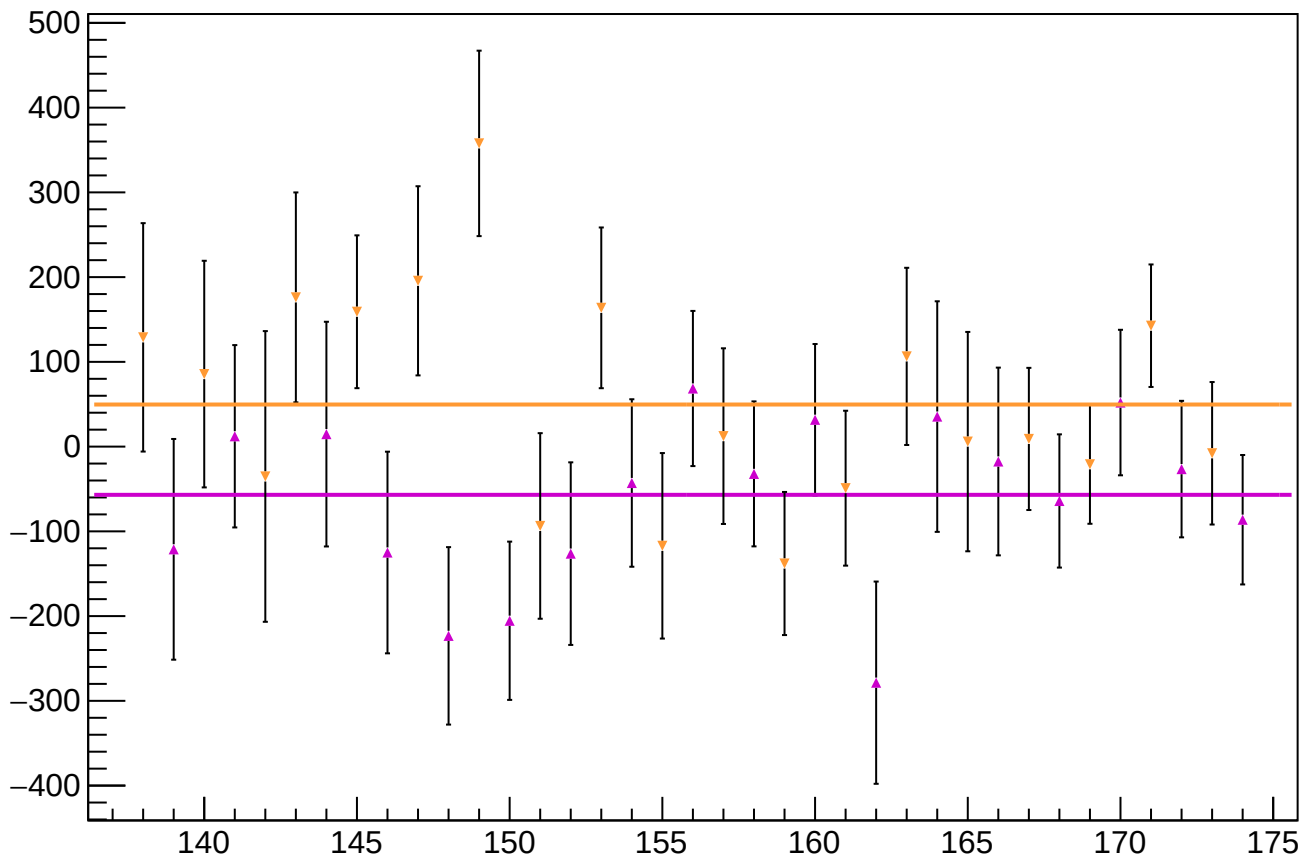
Left In: 254.895+/-0.049 χ^2/NDF :1343363.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.428+/-0.035 χ^2/NDF : 2755711.8/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 49.669 $\pm$ 22.603 χ^2 /NDF:28.3/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

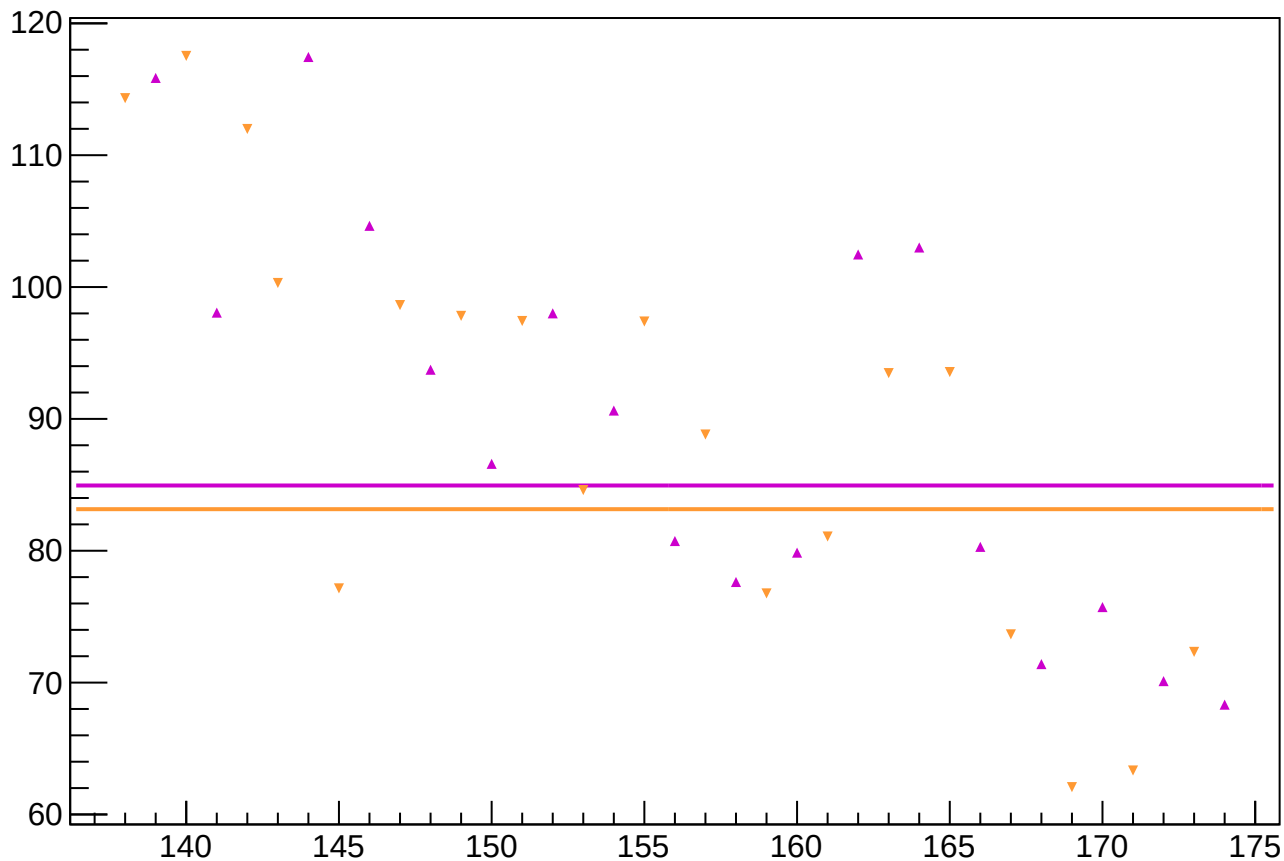
Left In: -56.906 $\pm$ 23.079 χ^2 /NDF:15.7/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.507 $\pm$ 16.148 χ^2 /NDF: 54.9/36

- sign 0.000 $\pm$ 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: 83.153+/-0.016 χ^2/NDF : 926080.9/18

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

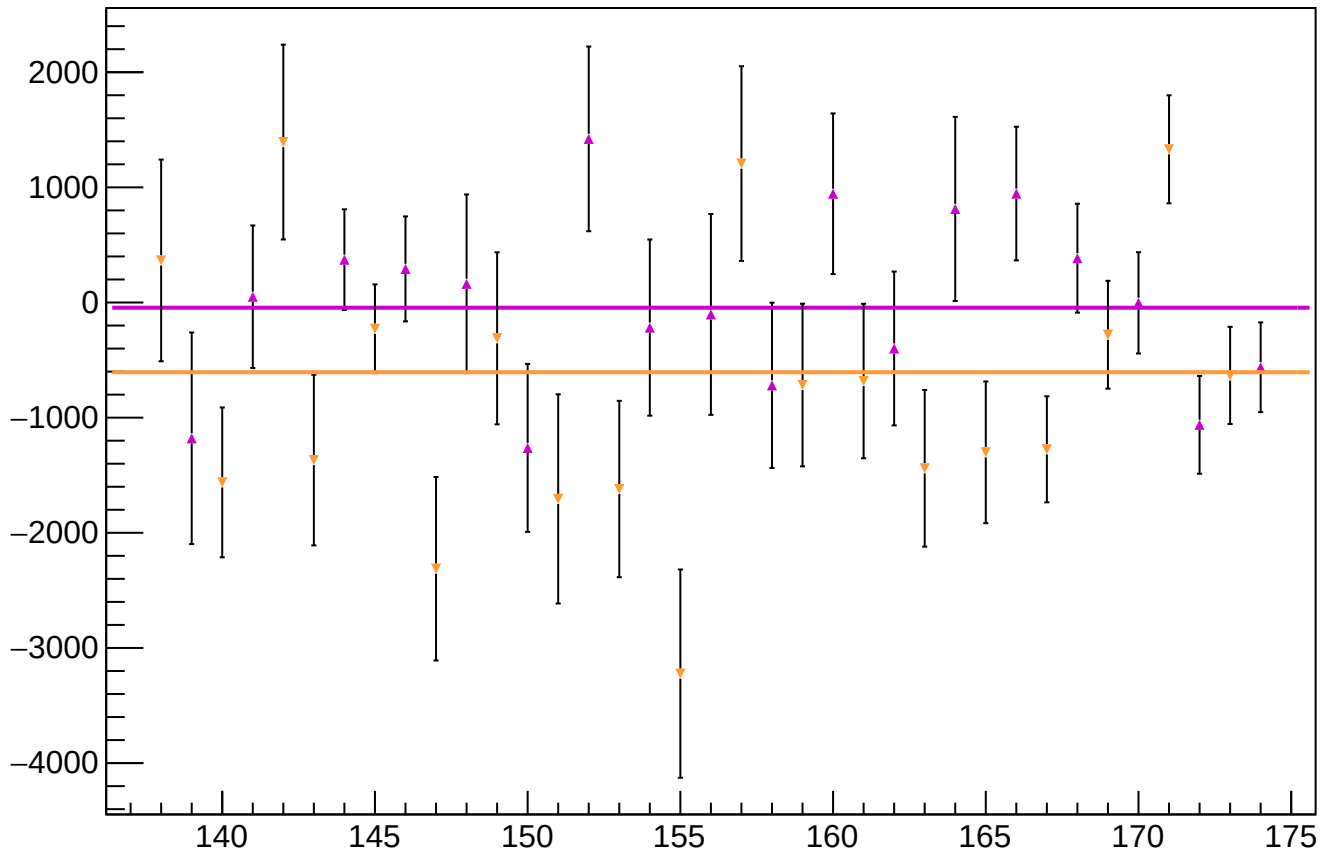
Left In: 84.949+/-0.016 χ^2/NDF : 720319.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.032+/-0.011 χ^2/NDF : 1652583.9/36

- 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: -605.192+/-140.053 χ^2/NDF : 54.4/18

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

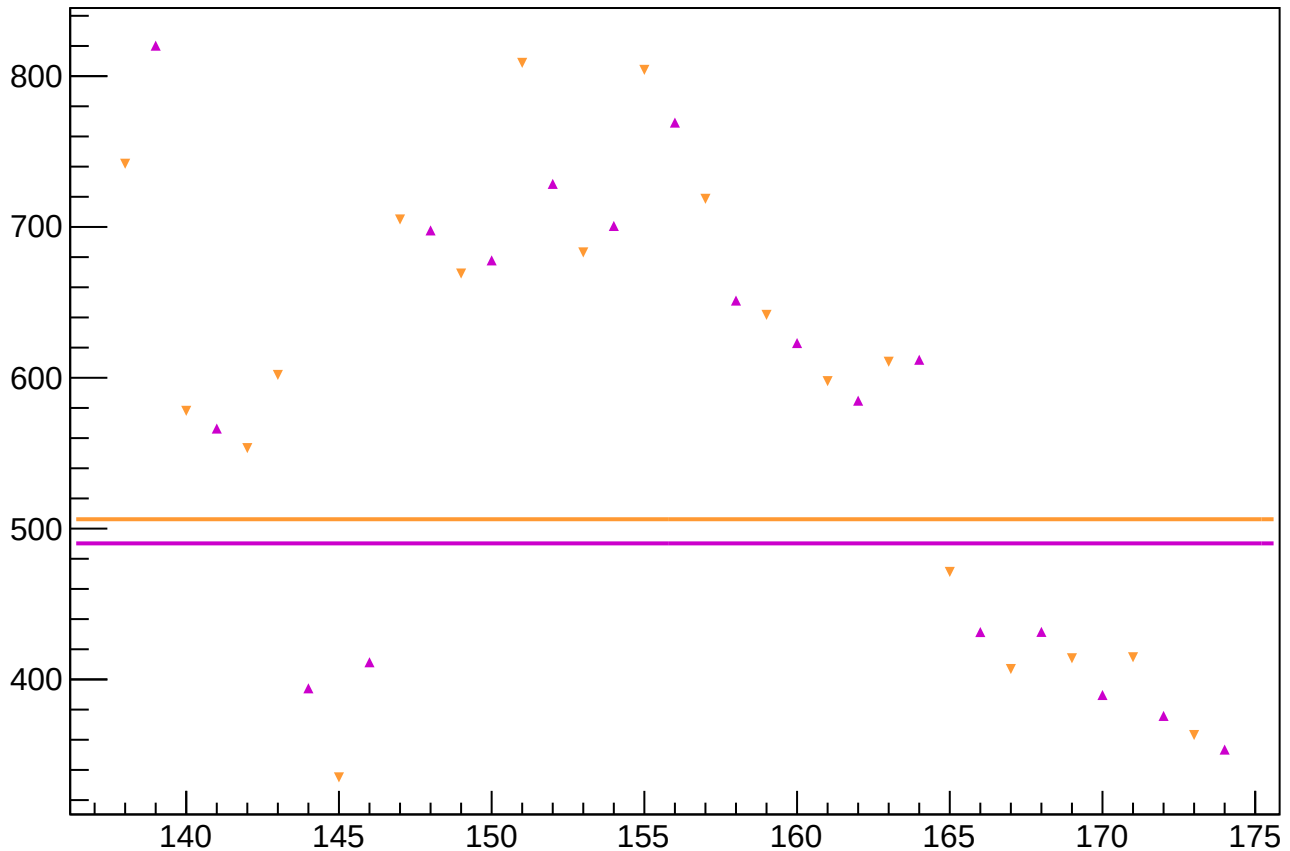
Left In: -45.099+/-135.471 χ^2/NDF : 24.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -315.835+/-97.372 χ^2/NDF : 87.5/36

- 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: 506.212+/-0.099 χ^2/NDF : 2135218.8/18

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

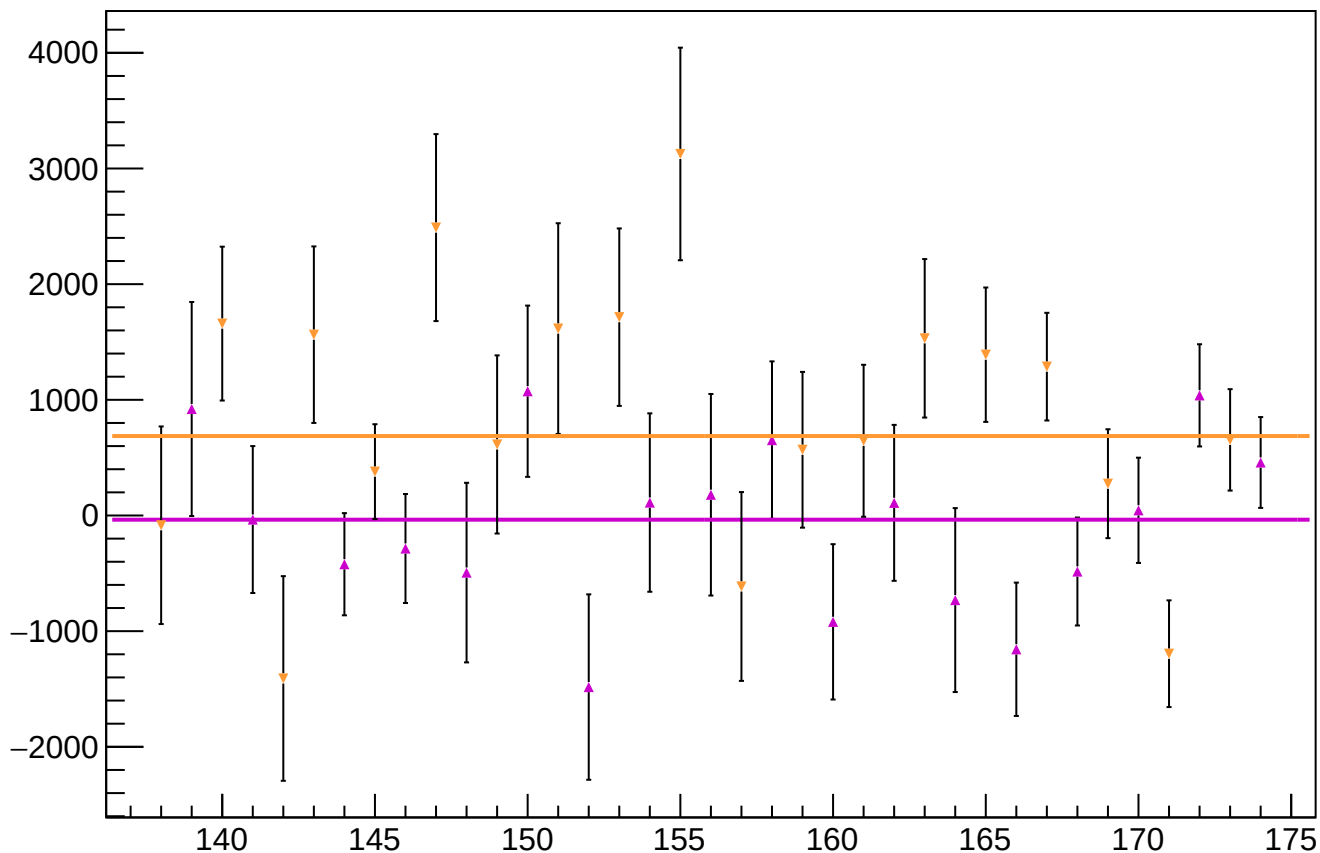
Left In: 490.205+/-0.096 χ^2/NDF : 2059082.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.942+/-0.069 χ^2/NDF : 4207797.1/36

- 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: 686.860+/-141.381 χ^2/NDF : 49.9/18

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

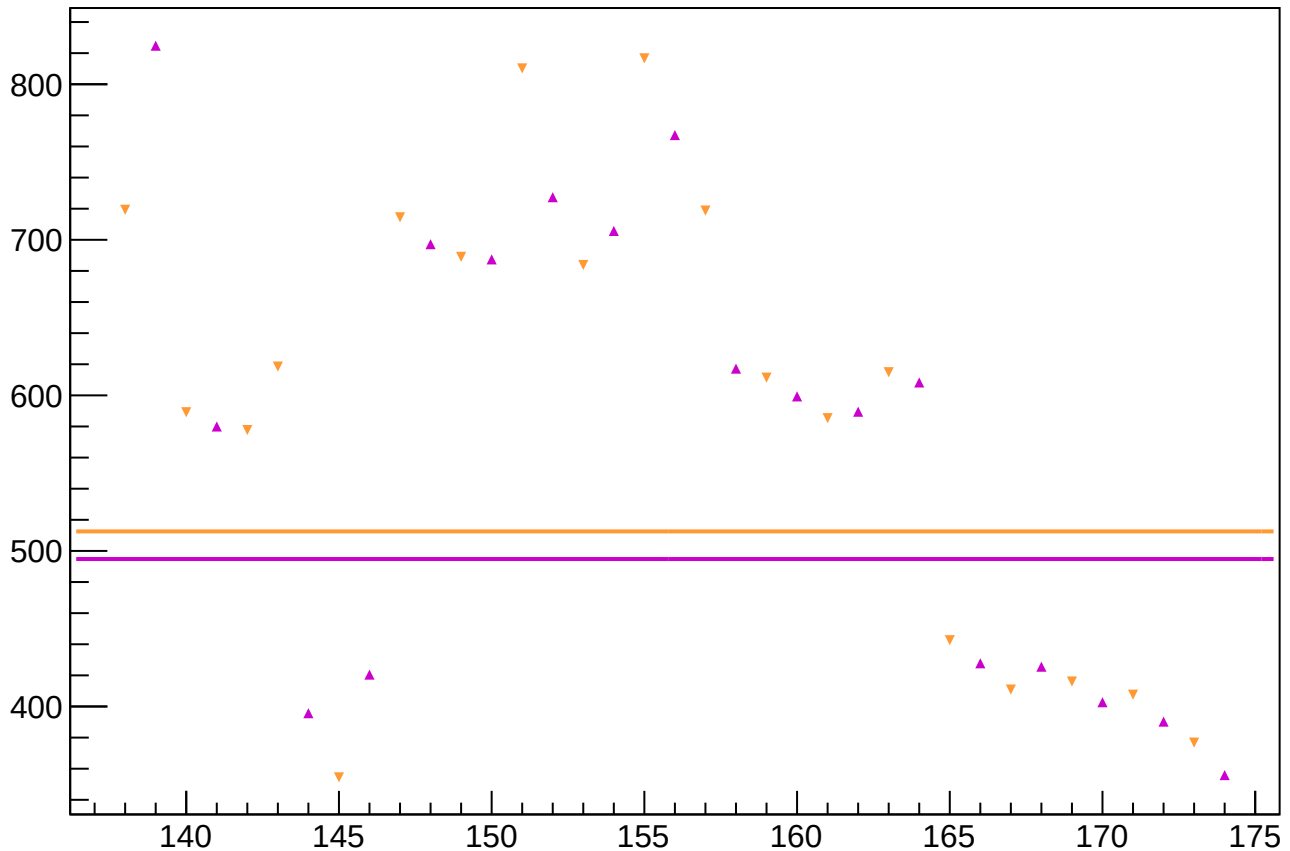
Left In: -36.327+/-136.697 χ^2/NDF : 23.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.091+/-98.274 χ^2/NDF : 87.3/36

- 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: 512.562+/-0.100 χ^2/NDF :1996534.9/18

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

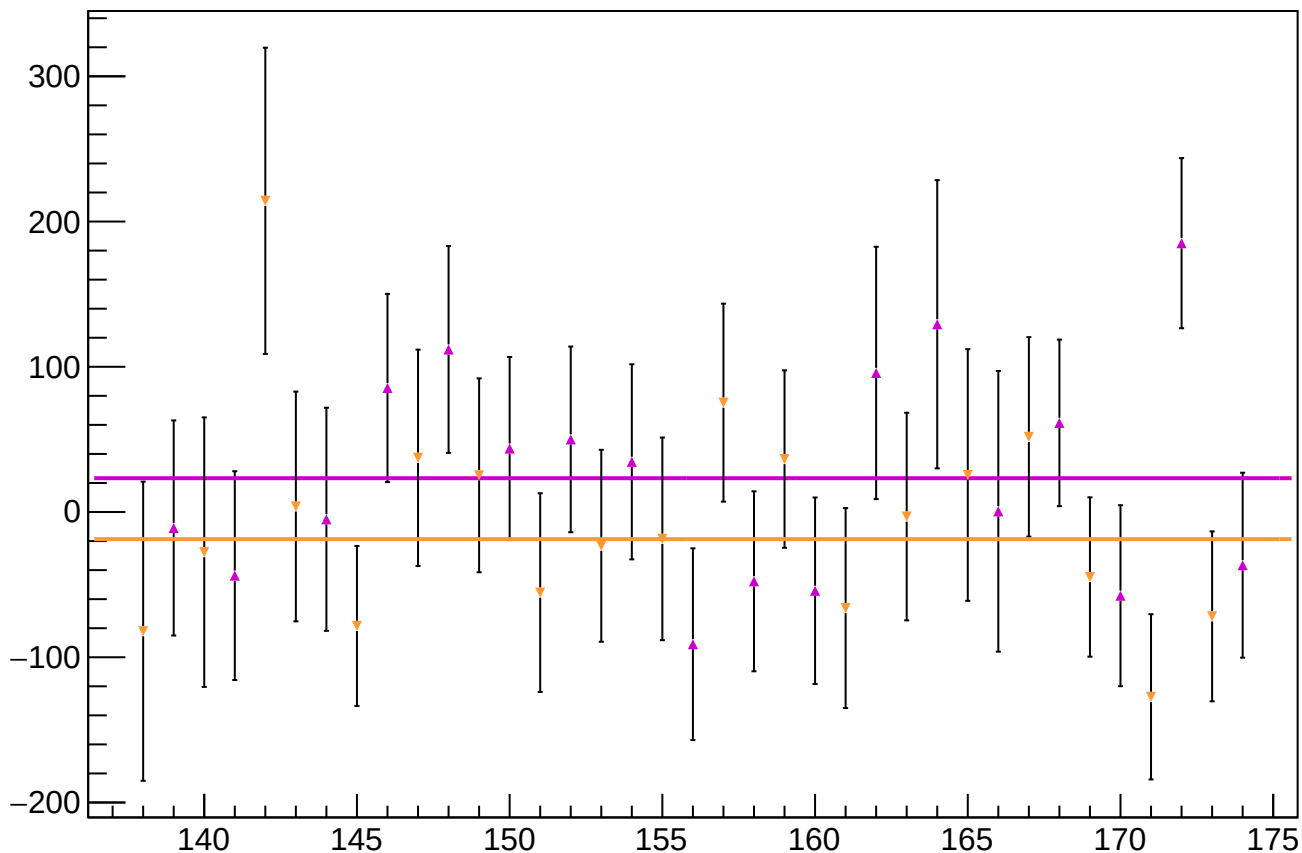
Left In: 494.793+/-0.097 χ^2/NDF :1934397.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.378+/-0.069 χ^2/NDF : 3947259.4/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.677 $\pm$ 15.789 χ^2 /NDF:17.1/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

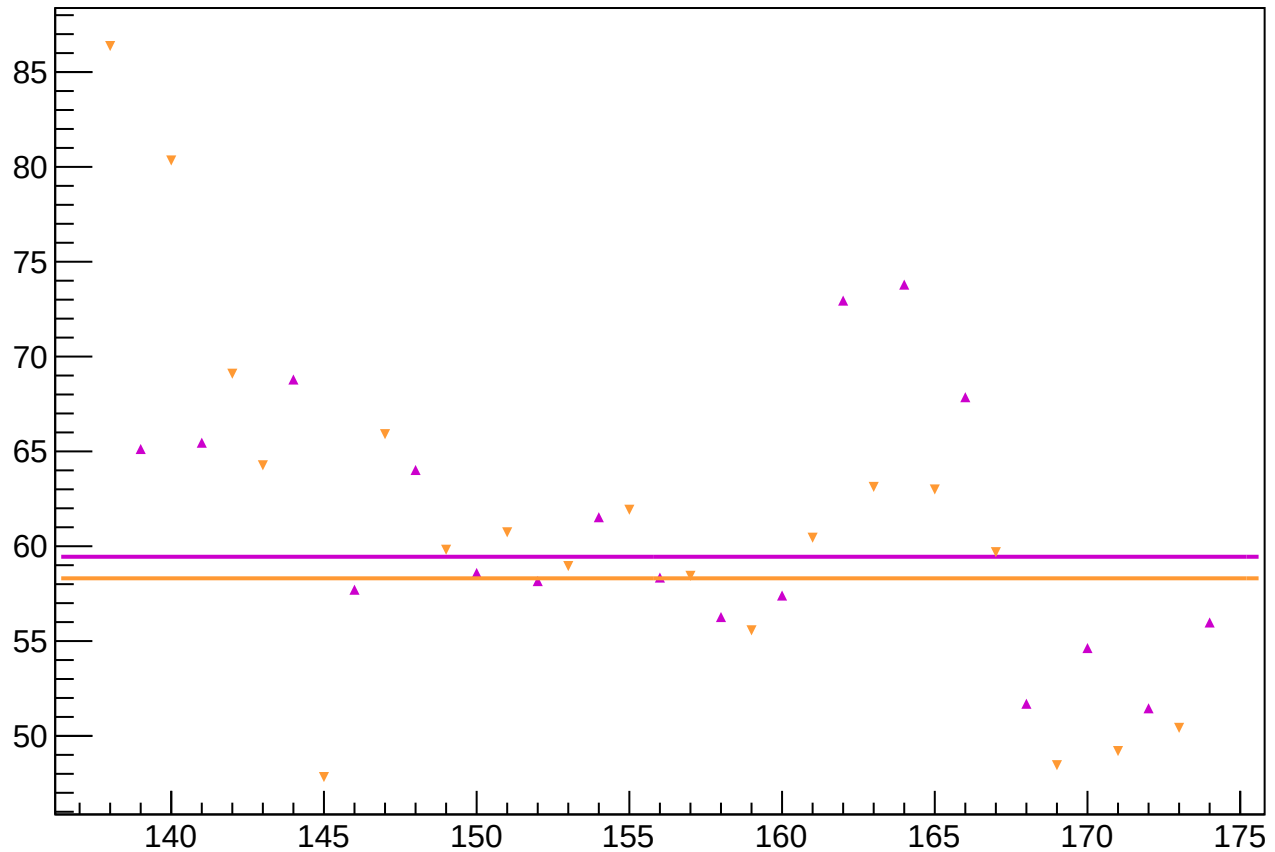
Left In: 23.282 $\pm$ 16.070 χ^2 /NDF:22.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.932 $\pm$ 11.262 χ^2 /NDF: 42.8/36

- sign 0.000 $\pm$ 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: 58.308+/-0.011 χ^2/NDF : 569716.8/18

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

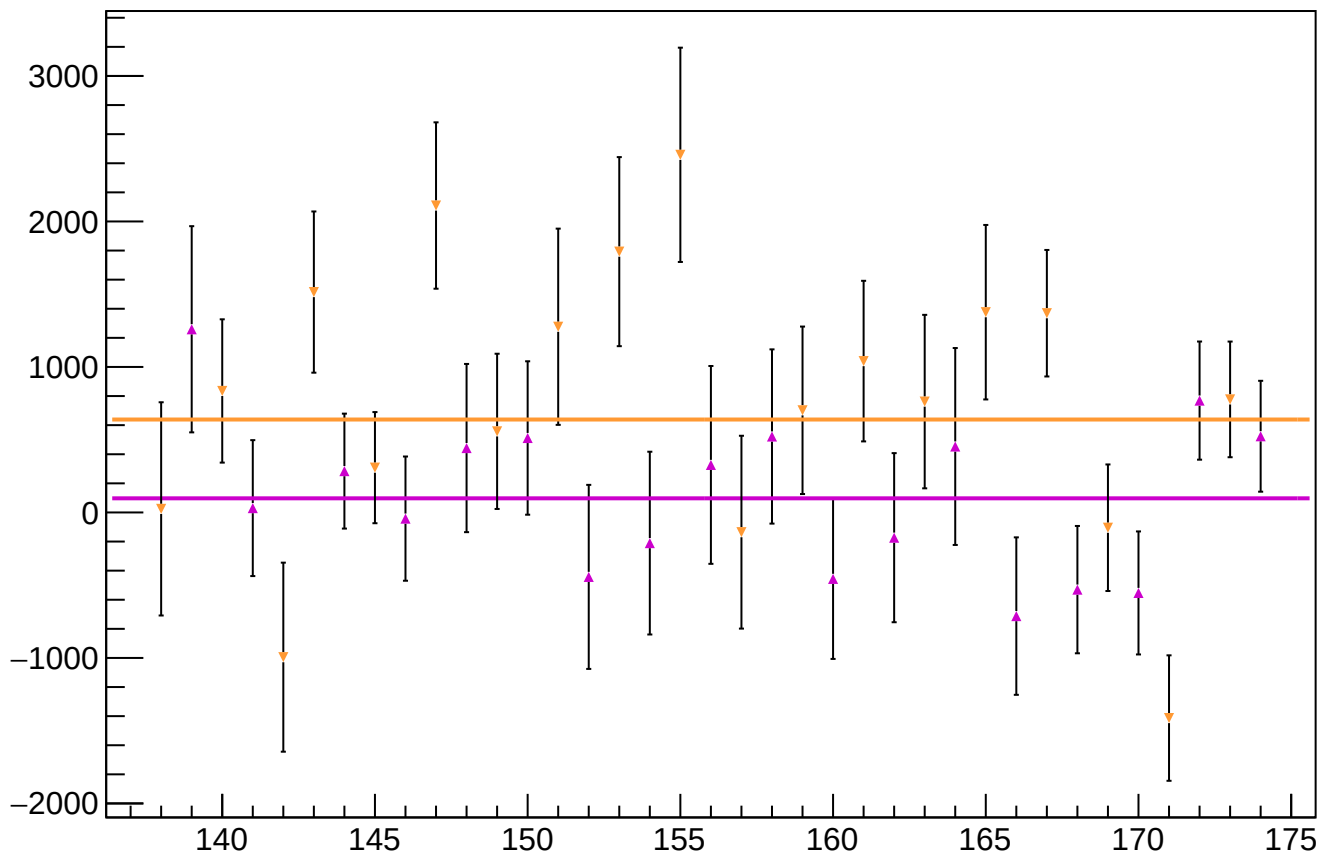
Left In: 59.445+/-0.011 χ^2/NDF : 272916.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.867+/-0.008 χ^2/NDF : 847722.9/36

- 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: 638.704+/-121.347 χ^2/NDF :59.2/18

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

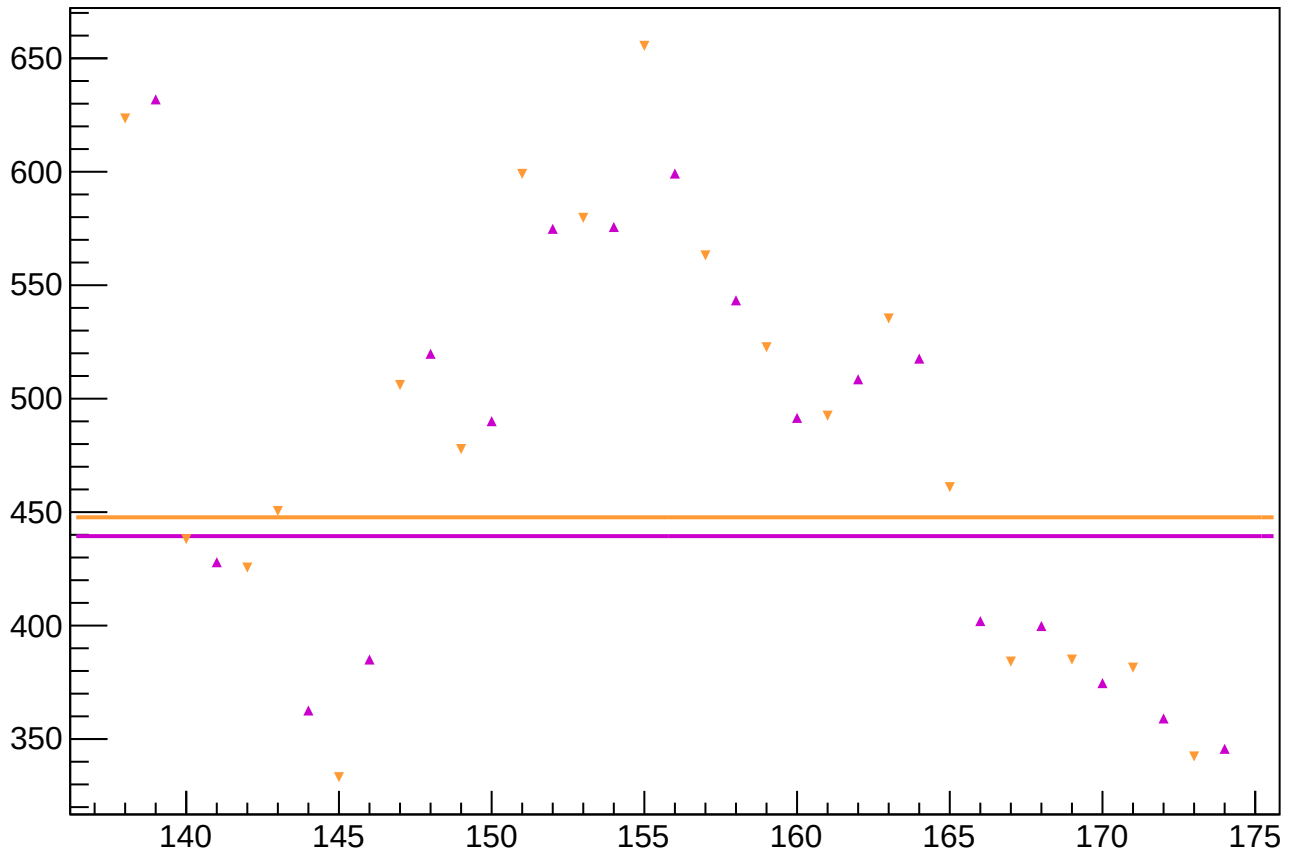
Left In: 97.059+/-118.948 χ^2/NDF :17.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.474+/-84.945 χ^2/NDF : 87.1/36

- 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: 447.716+/-0.086 χ^2/NDF : 1091706.5/18

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

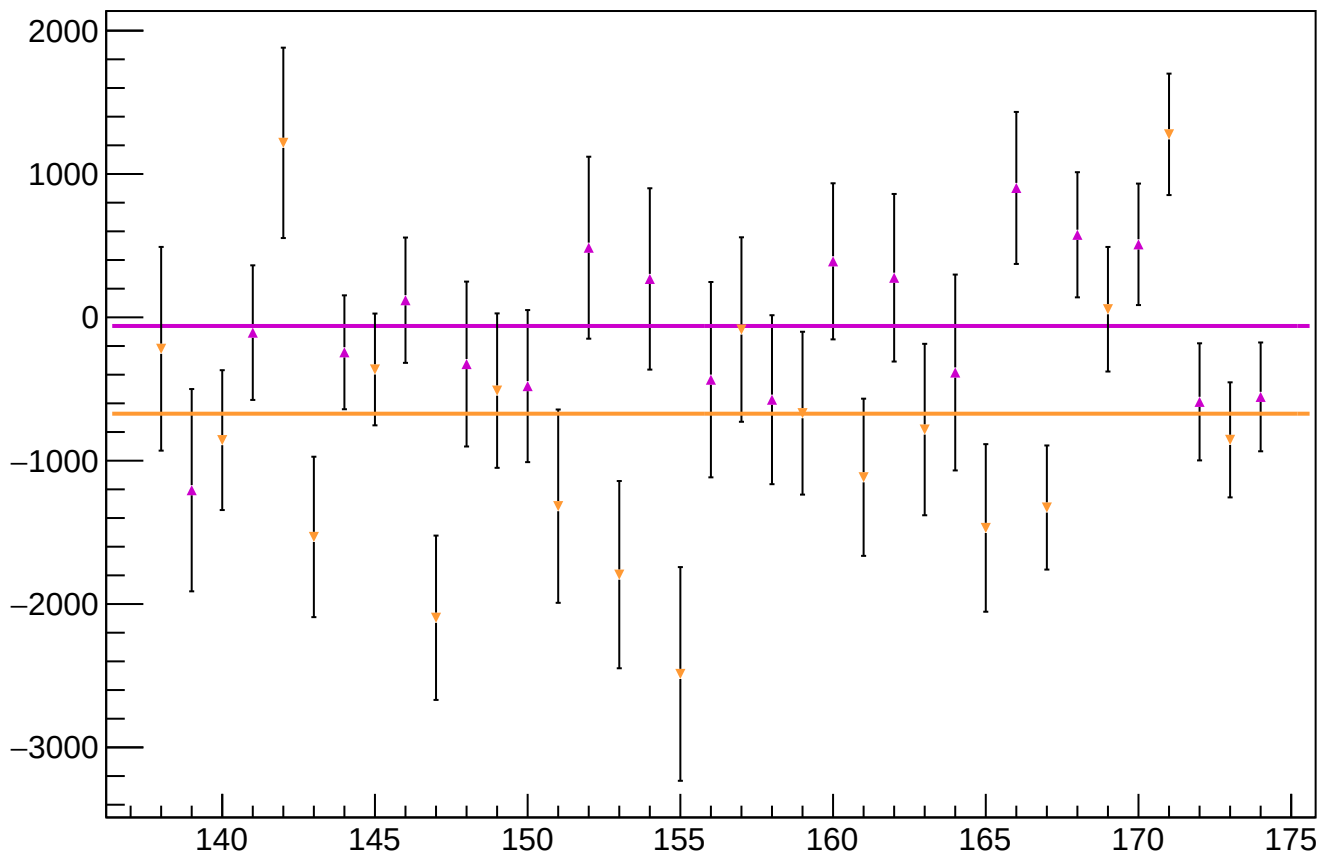
Left In: 439.421+/-0.084 χ^2/NDF : 1015735.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.486+/-0.060 χ^2/NDF : 2112208.3/36

- 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: -672.139+/-121.241 χ^2/NDF : 57.5/18

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

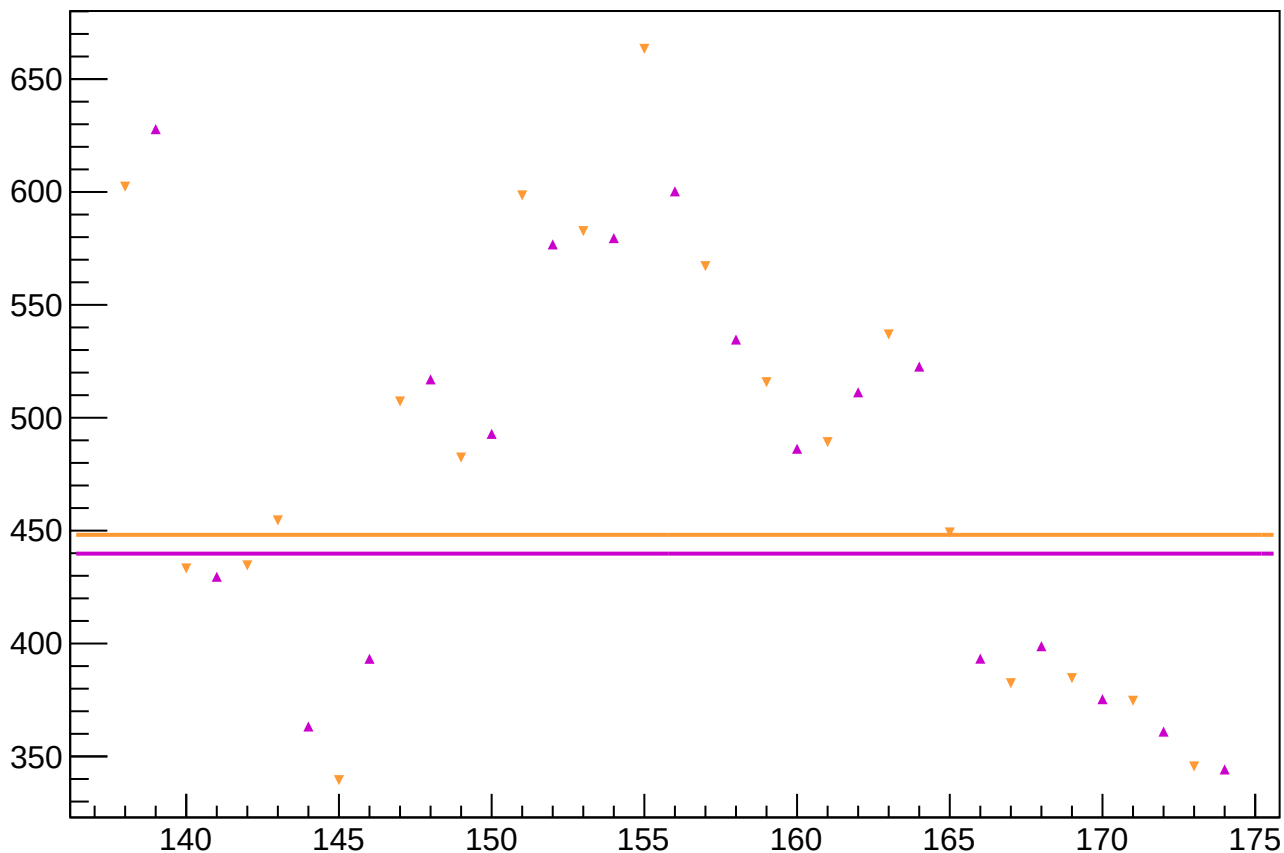
Left In: -60.206+/-119.137 χ^2/NDF : 17.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -360.816+/-84.977 χ^2/NDF : 88.3/36

- 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: 448.139+/-0.086 χ^2/NDF :1064459.8/18

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

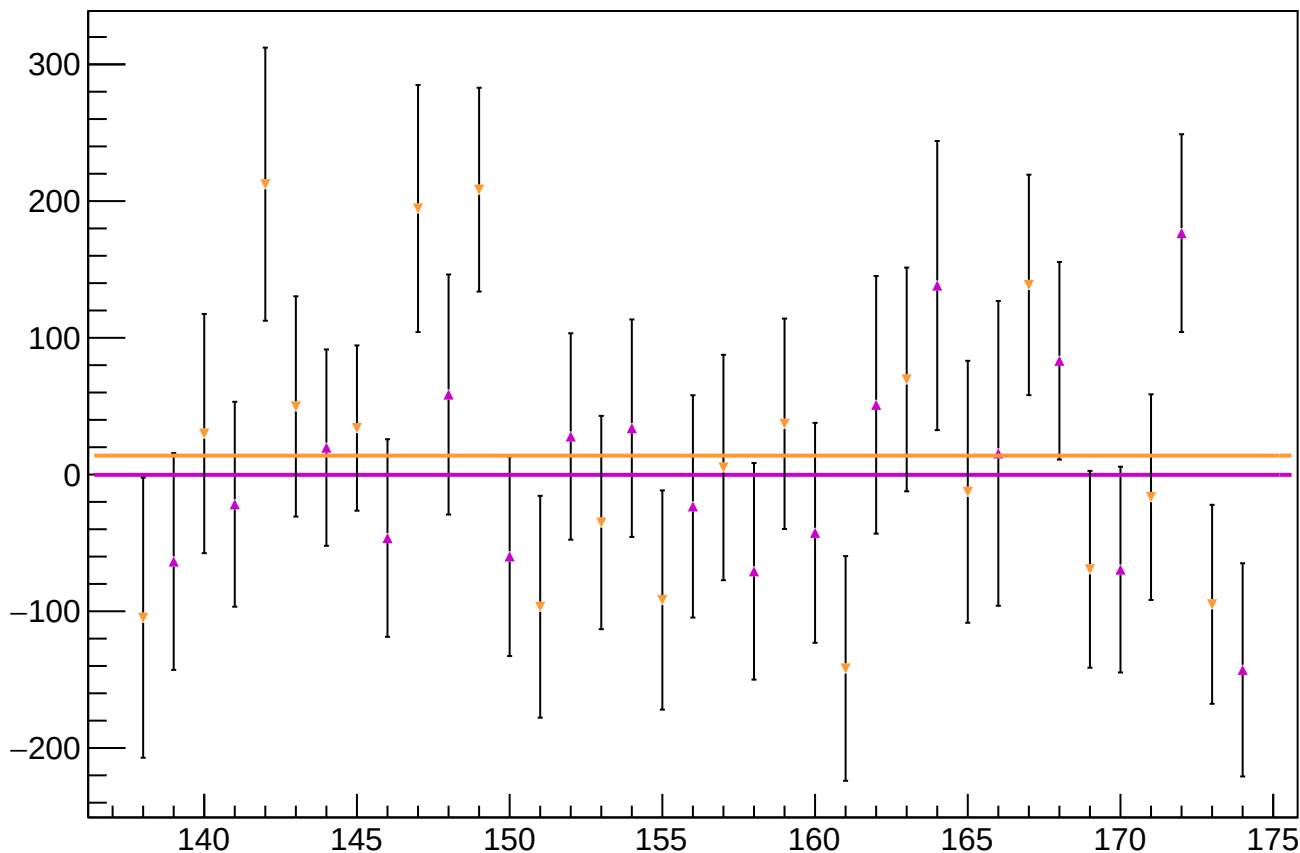
Left In: 439.820+/-0.084 χ^2/NDF :1003890.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.907+/-0.060 χ^2/NDF : 2073140.0/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 13.832 $\pm$ 18.369 χ^2 /NDF:30.8/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

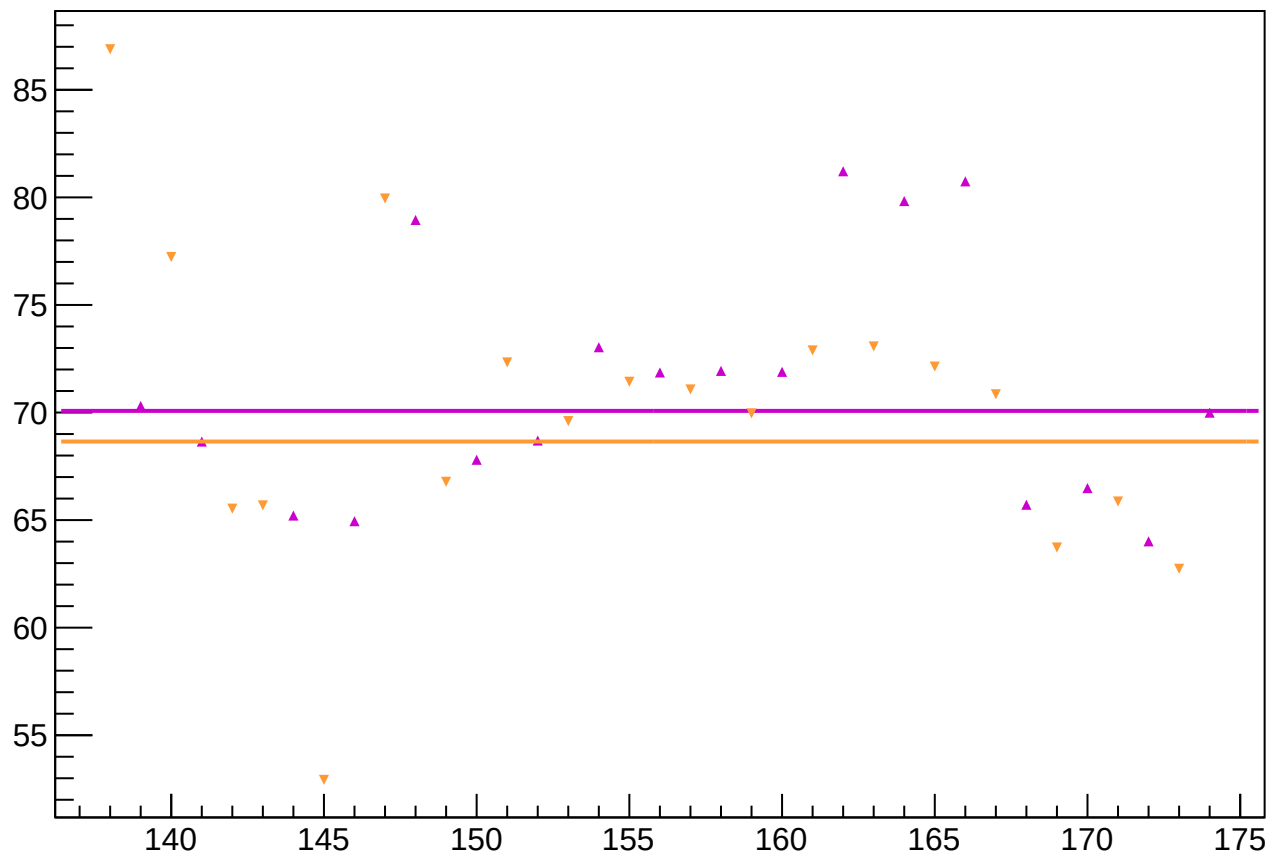
Left In: -0.210 $\pm$ 18.745 χ^2 /NDF:17.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.953 $\pm$ 13.120 χ^2 /NDF: 48.4/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 68.652+/-0.013 χ^2/NDF :304935.6/18

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

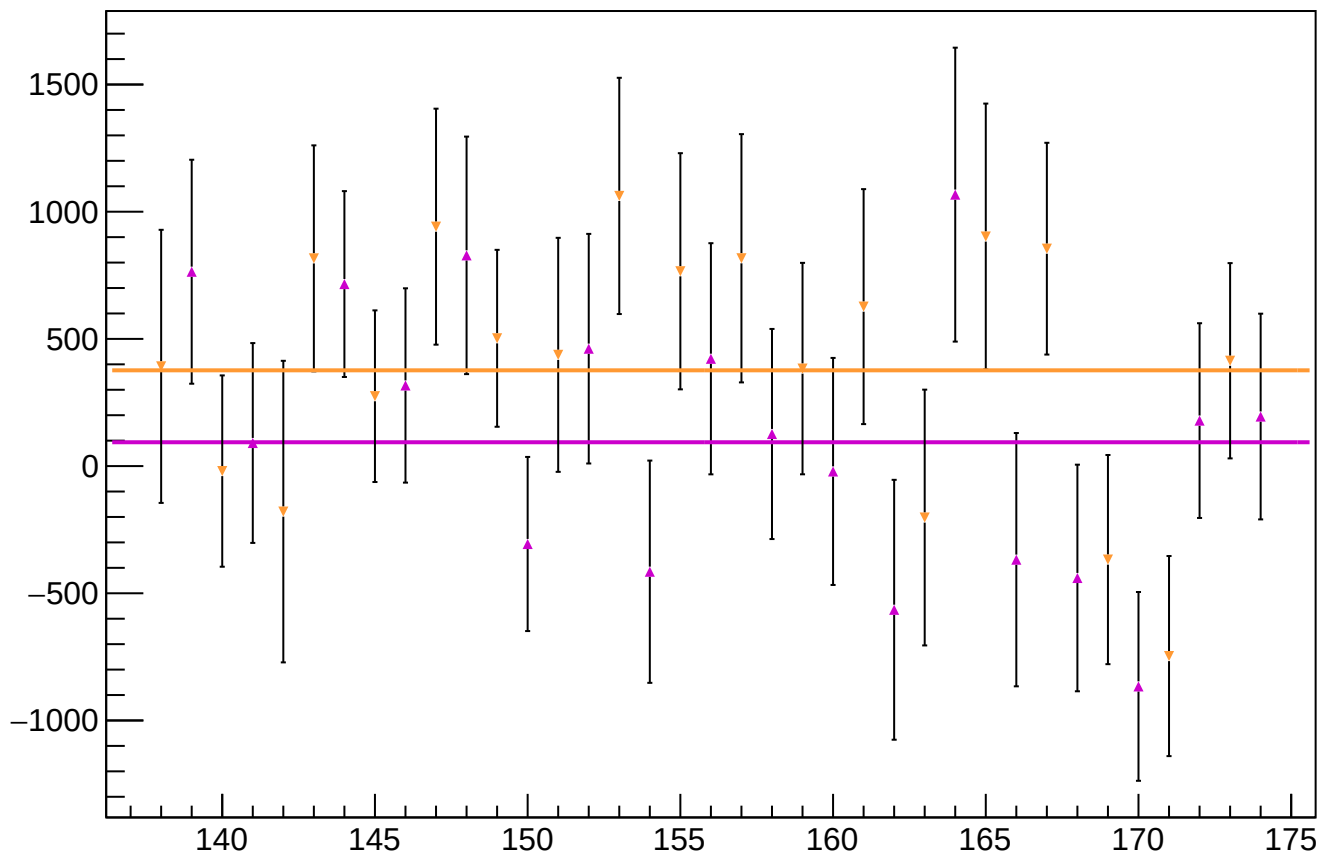
Left In: 70.076+/-0.013 χ^2/NDF :138108.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.350+/-0.009 χ^2/NDF : 448935.1/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 376.462 $\pm$ 99.310 χ^2 /NDF:23.8/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

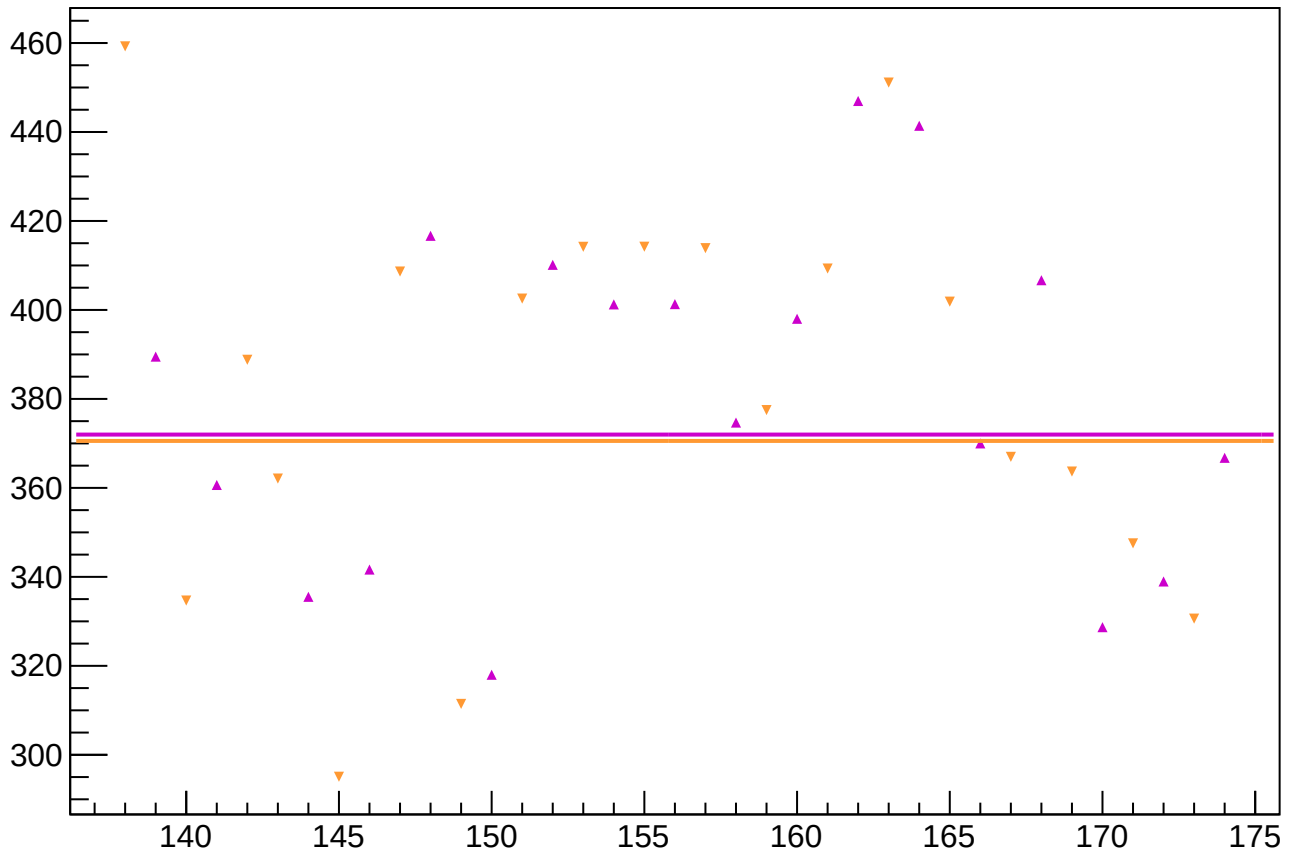
Left In: 93.705 $\pm$ 99.456 χ^2 /NDF:25.6/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.290 $\pm$ 70.274 χ^2 /NDF: 53.4/36

- sign 0.000 $\pm$ 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: 370.557+/-0.070 χ^2/NDF : 409984.4/18

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

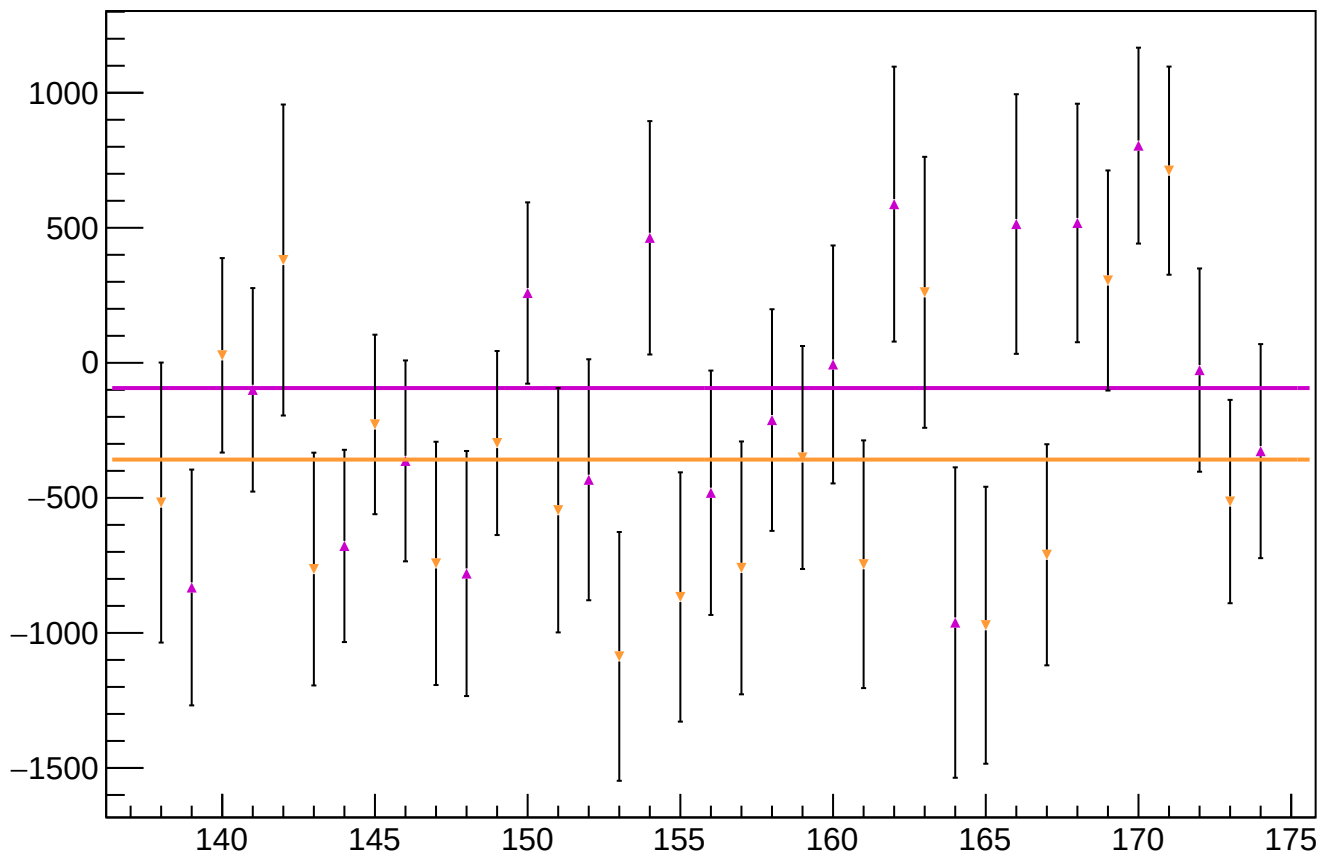
Left In: 371.984+/-0.070 χ^2/NDF : 270524.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.269+/-0.050 χ^2/NDF : 680715.2/36

- 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: -358.176+/-97.371 χ^2/NDF : 24.3/18

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

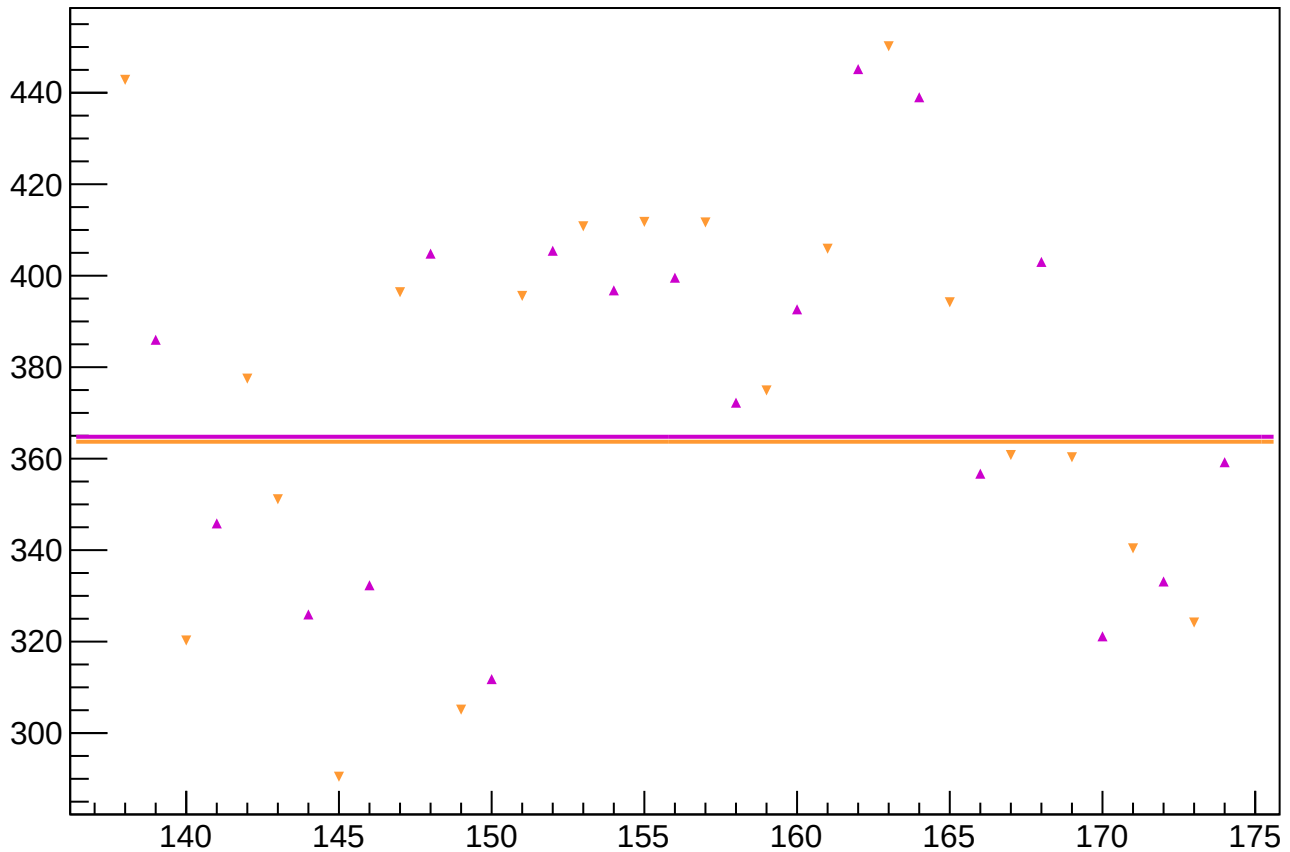
Left In: -93.376+/-97.645 χ^2/NDF : 26.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.148+/-68.948 χ^2/NDF : 54.6/36

- 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: 363.705+/-0.069 χ^2/NDF : 433379.6/18

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

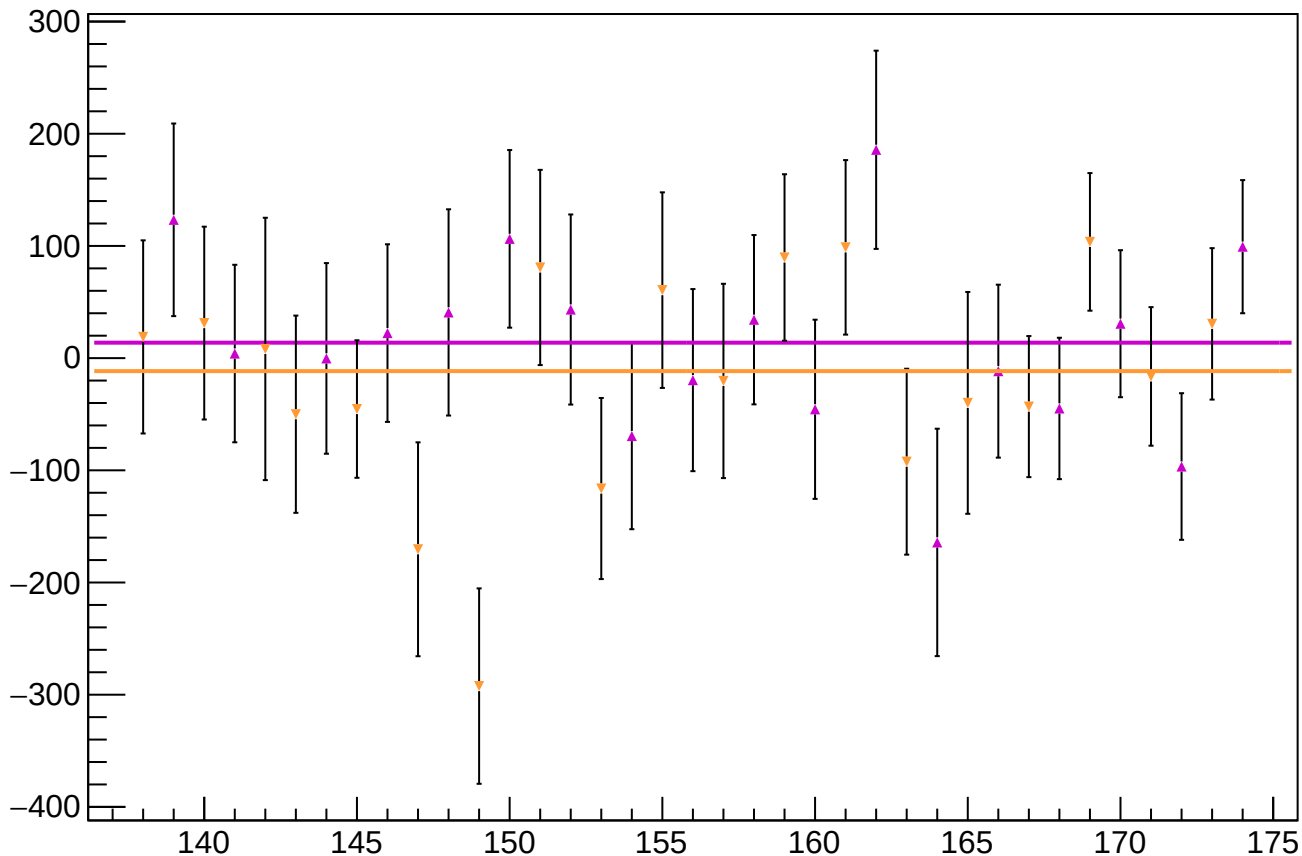
Left In: 364.788+/-0.069 χ^2/NDF : 304620.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.245+/-0.049 χ^2/NDF : 738123.2/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -11.581 $\pm$ 17.883 χ^2 /NDF:26.7/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

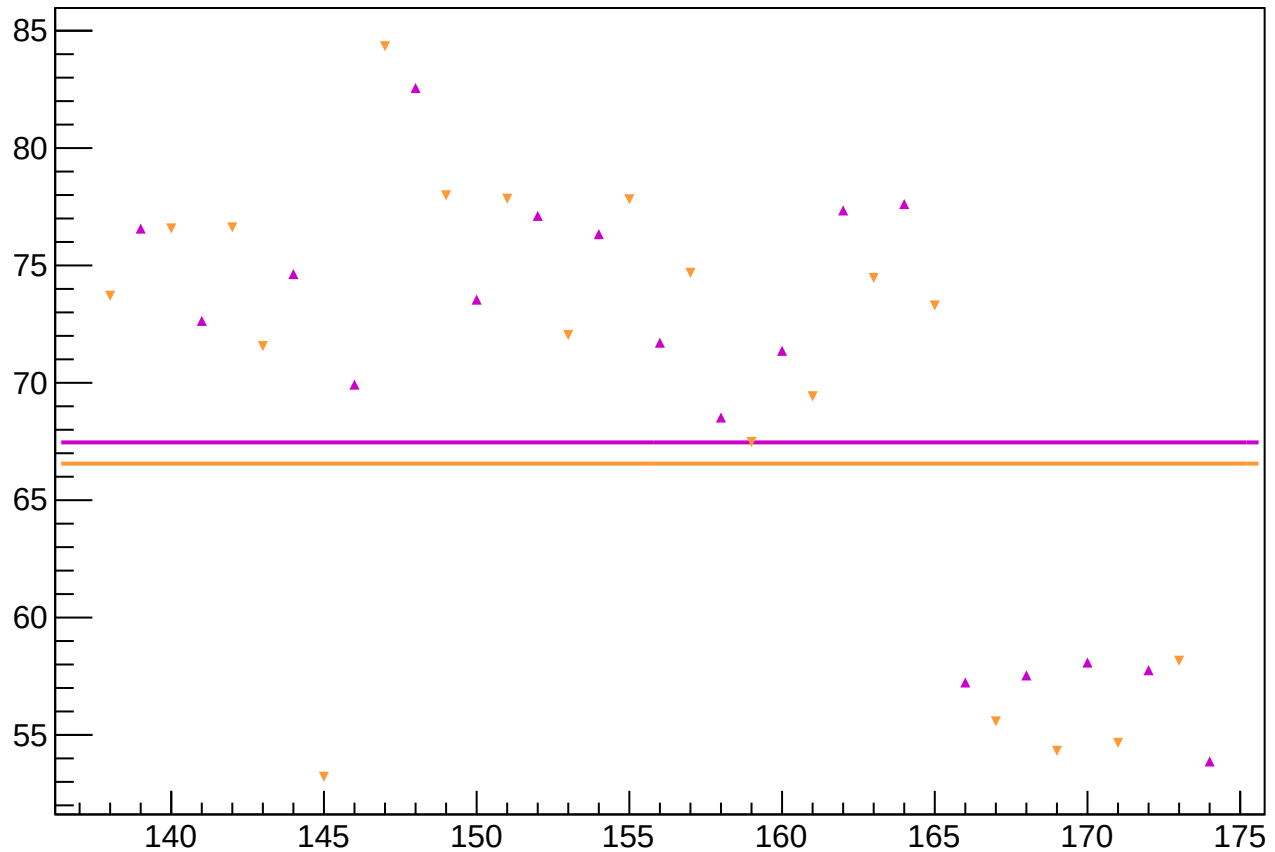
Left In: 13.778 $\pm$ 18.146 χ^2 /NDF:17.9/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.913 $\pm$ 12.737 χ^2 /NDF: 45.5/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 66.559+/-0.013 χ^2/NDF : 631299.1/18

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

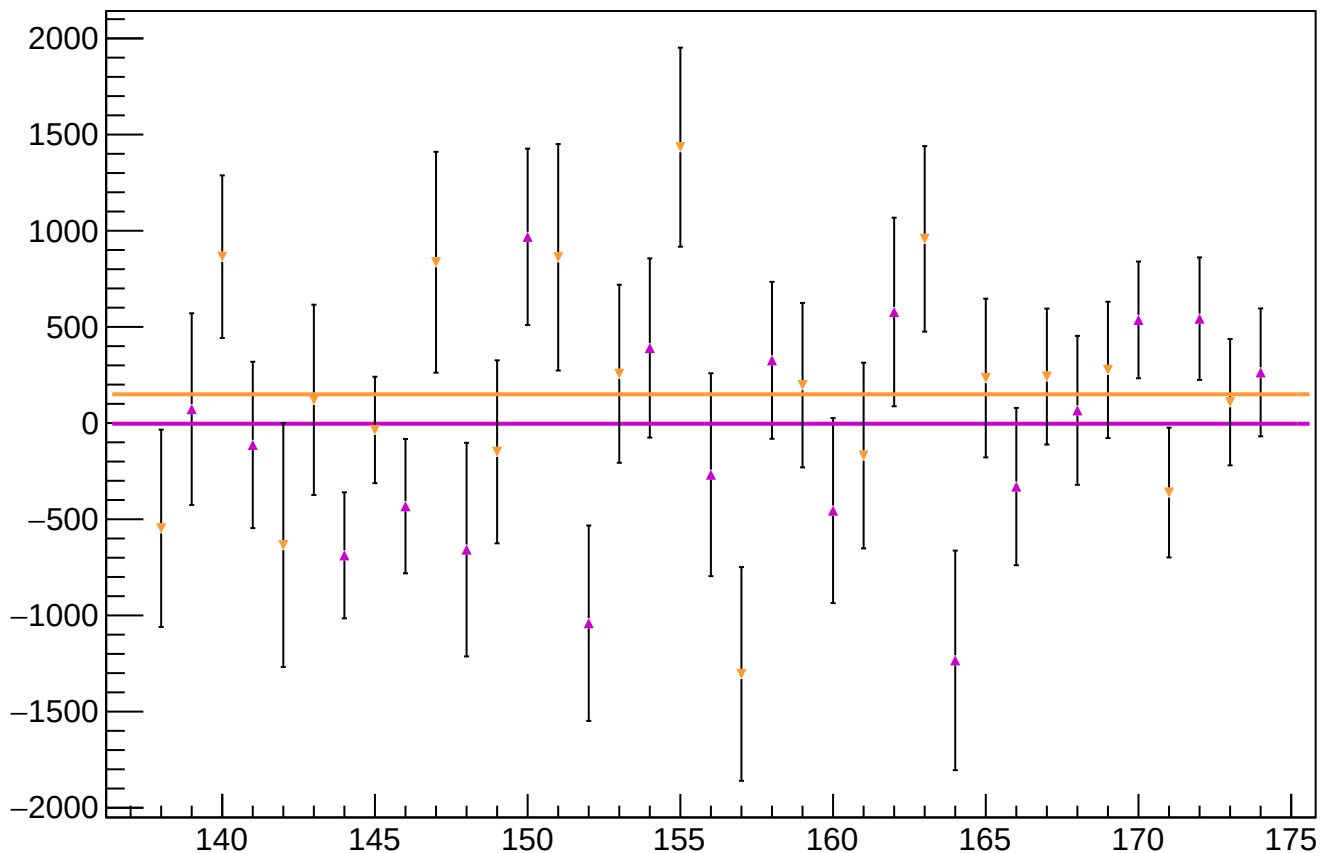
Left In: 67.462+/-0.013 χ^2/NDF : 492377.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.004+/-0.009 χ^2/NDF : 1126190.2/36

- 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: 149.730+/-97.596 χ^2/NDF :28.9/18

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

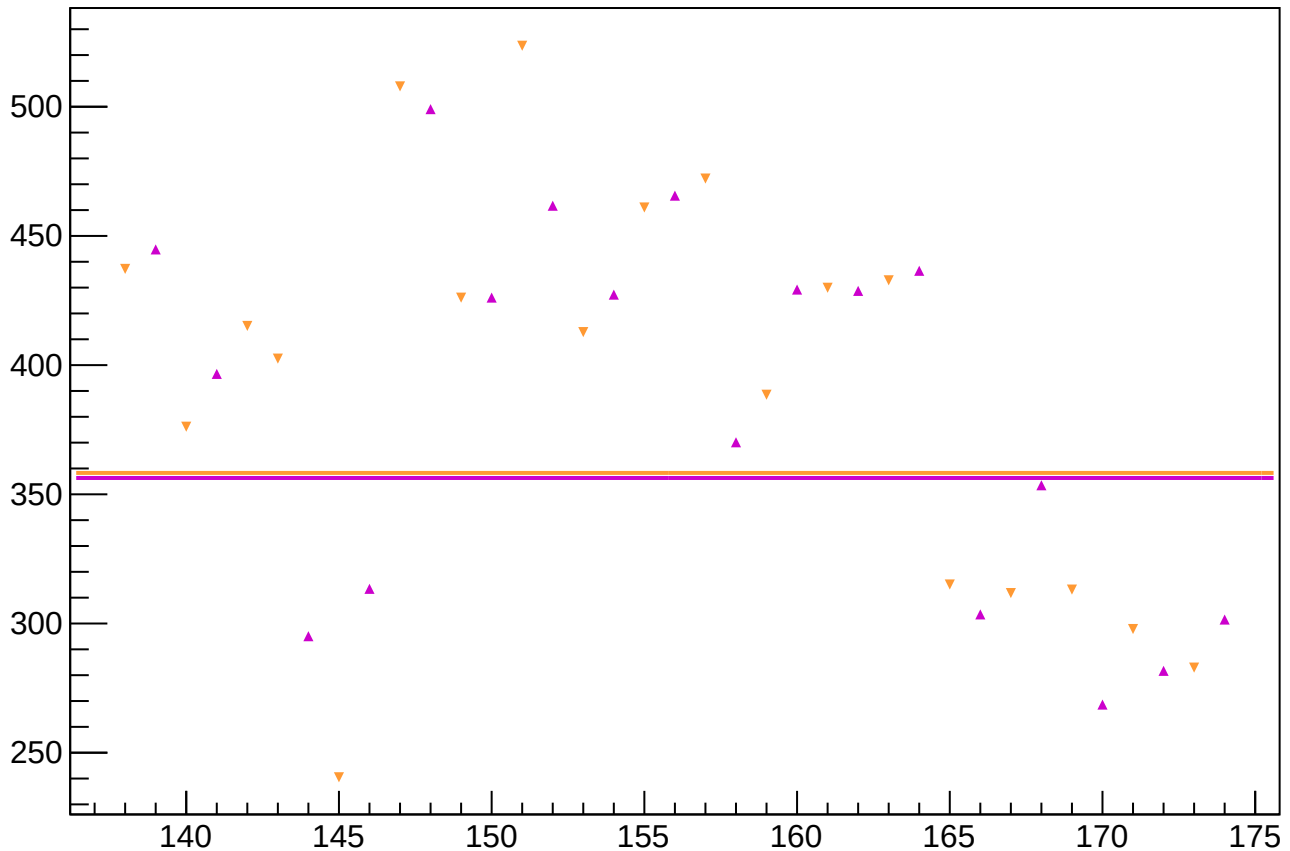
Left In: -3.268+/-96.695 χ^2/NDF :32.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.522+/-68.690 χ^2/NDF : 62.1/36

- 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: 358.282+/-0.069 χ^2/NDF :1330961.0/18

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

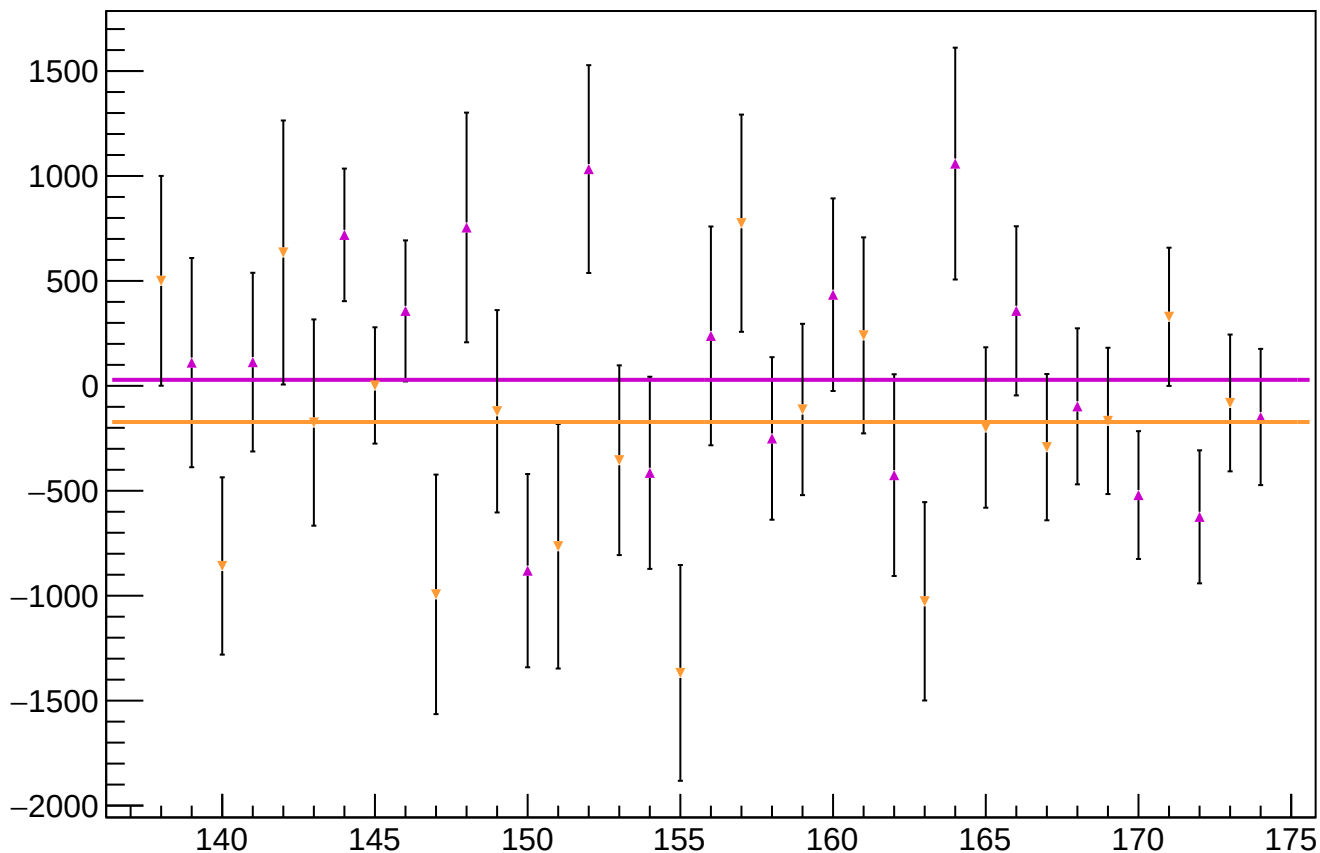
Left In: 356.323+/-0.068 χ^2/NDF :1073334.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.293+/-0.049 χ^2/NDF : 2404701.6/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -172.255 $\pm$ 95.768 χ^2 /NDF:25.1/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

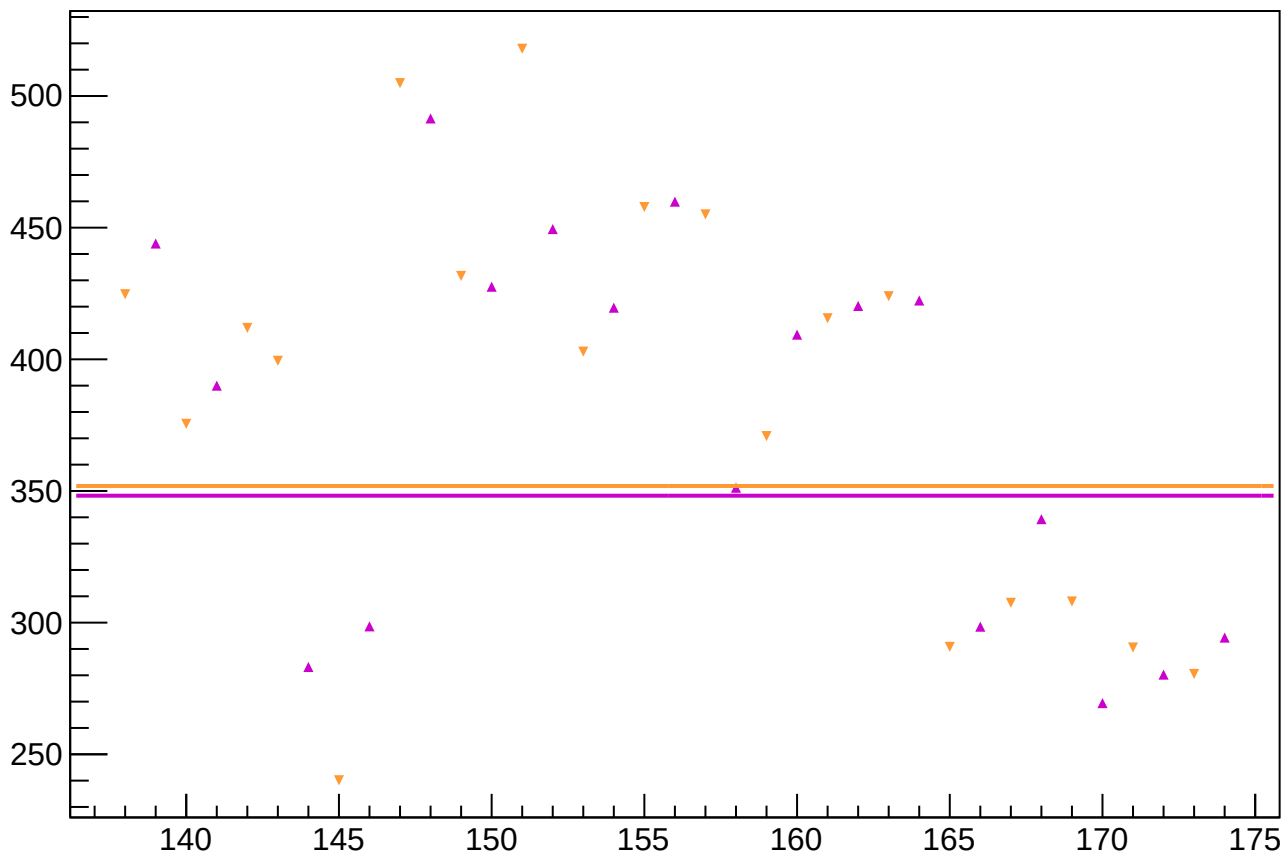
Left In: 28.675 $\pm$ 94.640 χ^2 /NDF:30.9/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -70.599 $\pm$ 67.316 χ^2 /NDF: 58.3/36

- sign 0.000 $\pm$ 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: 351.899+/-0.068 χ^2/NDF :1330236.2/18

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

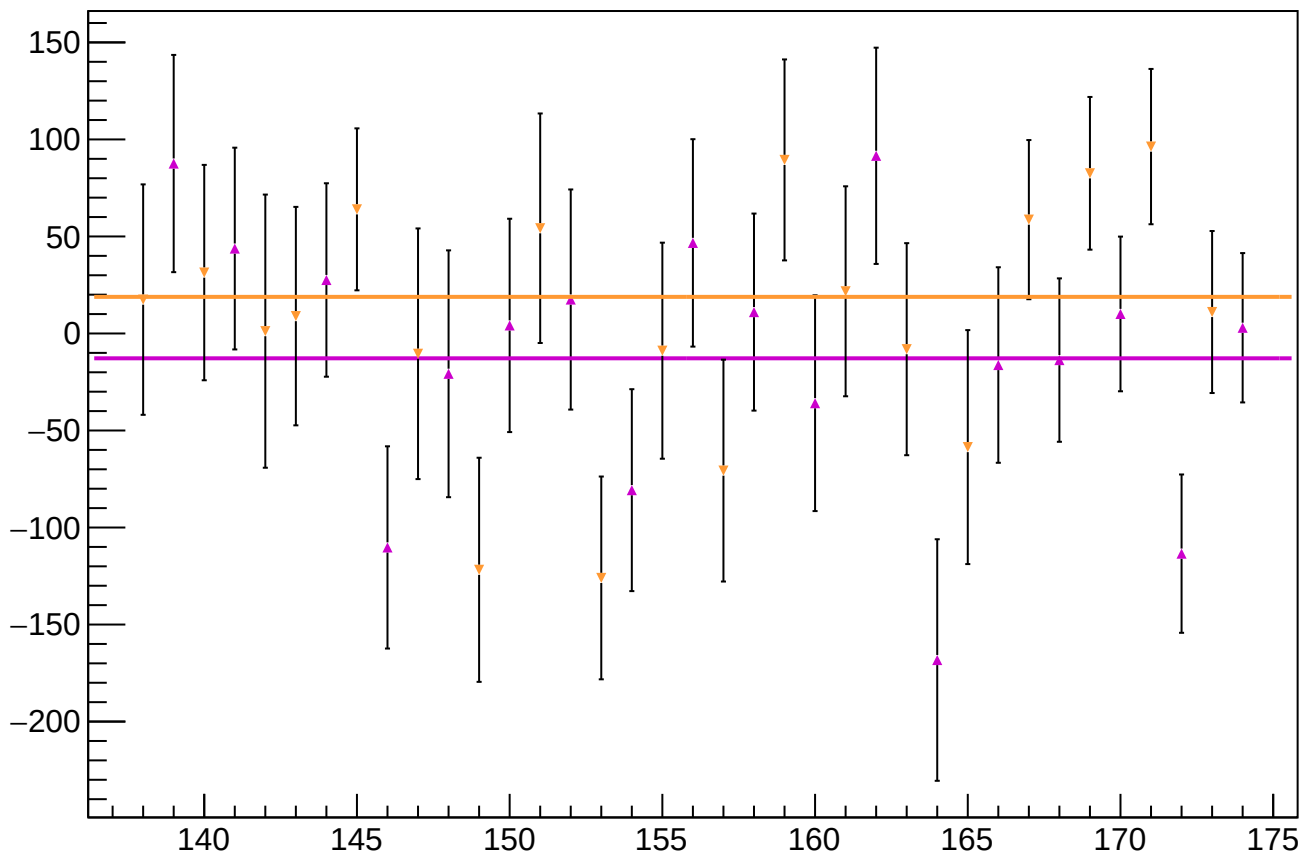
Left In: 348.208+/-0.067 χ^2/NDF :1071171.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.031+/-0.048 χ^2/NDF : 2402910.6/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 18.869 $\pm$ 11.718 χ^2 /NDF:29.3/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

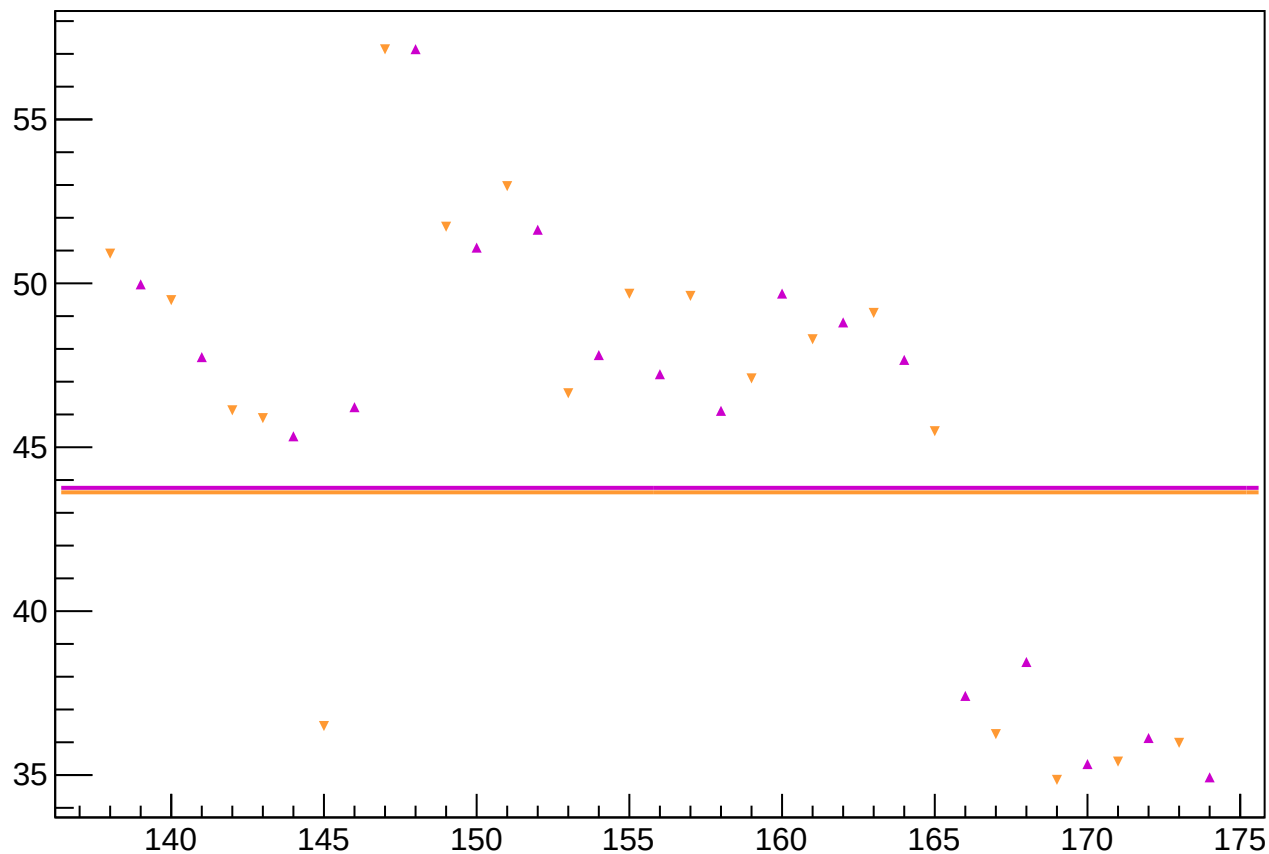
Left In: -12.799 $\pm$ 11.766 χ^2 /NDF:28.6/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.100 $\pm$ 8.303 χ^2 /NDF: 61.5/36

- sign 0.000 $\pm$ 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: 43.625+/-0.008 χ^2/NDF : 706901.7/18

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

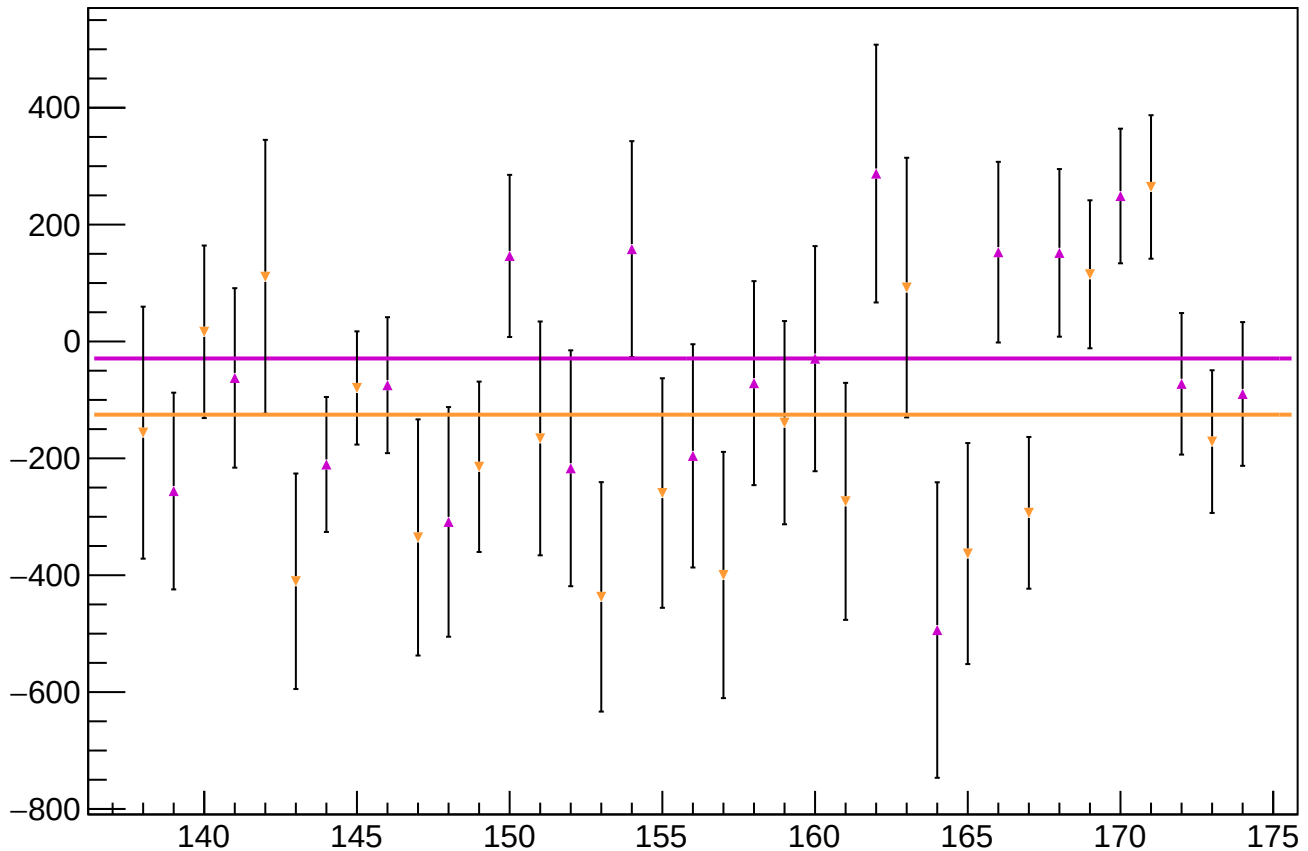
Left In: 43.762+/-0.008 χ^2/NDF : 605528.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.693+/-0.006 χ^2/NDF : 1312566.5/36

- 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: -125.260+/-36.438 χ^2/NDF : 29.3/18

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

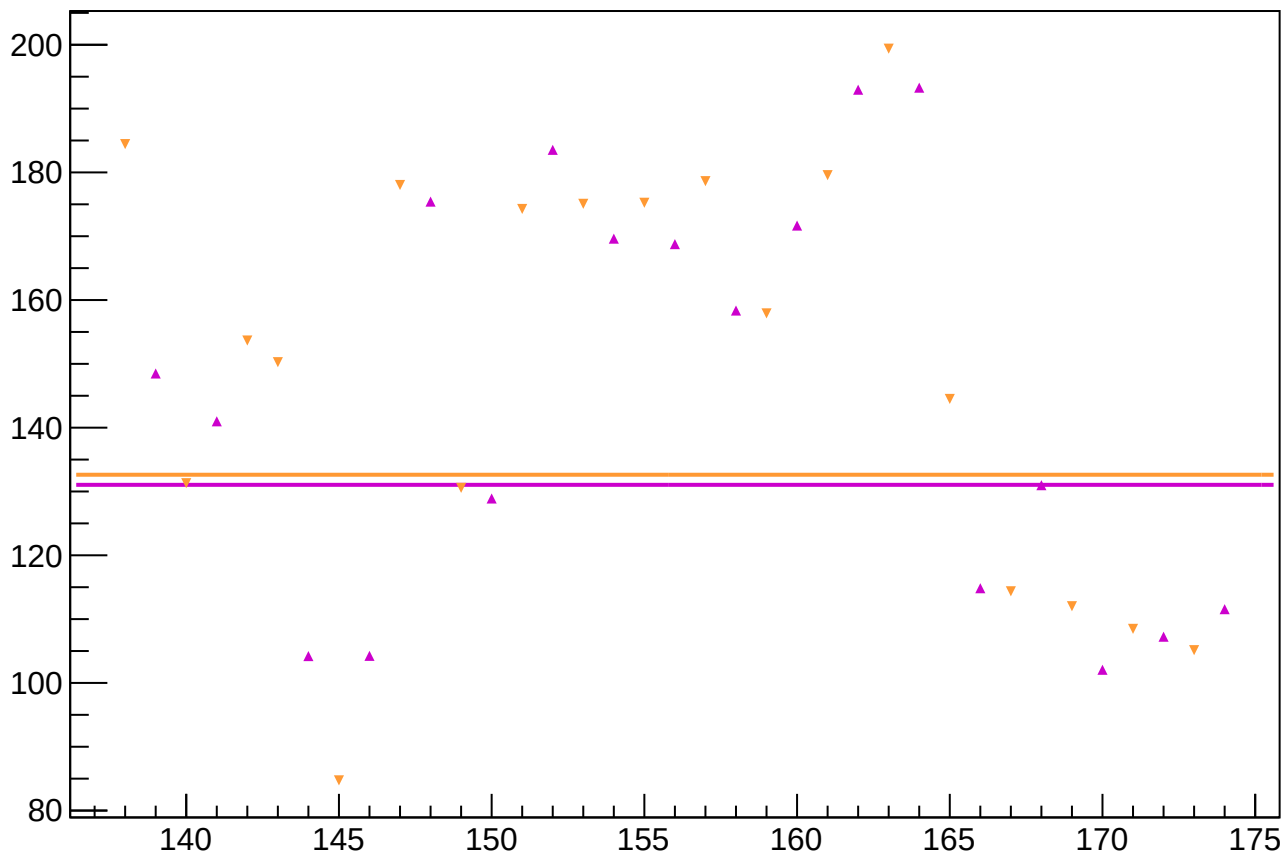
Left In: -29.084+/-35.766 χ^2/NDF : 25.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.276+/-25.525 χ^2/NDF : 58.3/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 132.624+/-0.026 χ^2/NDF : 1719130.3/18

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

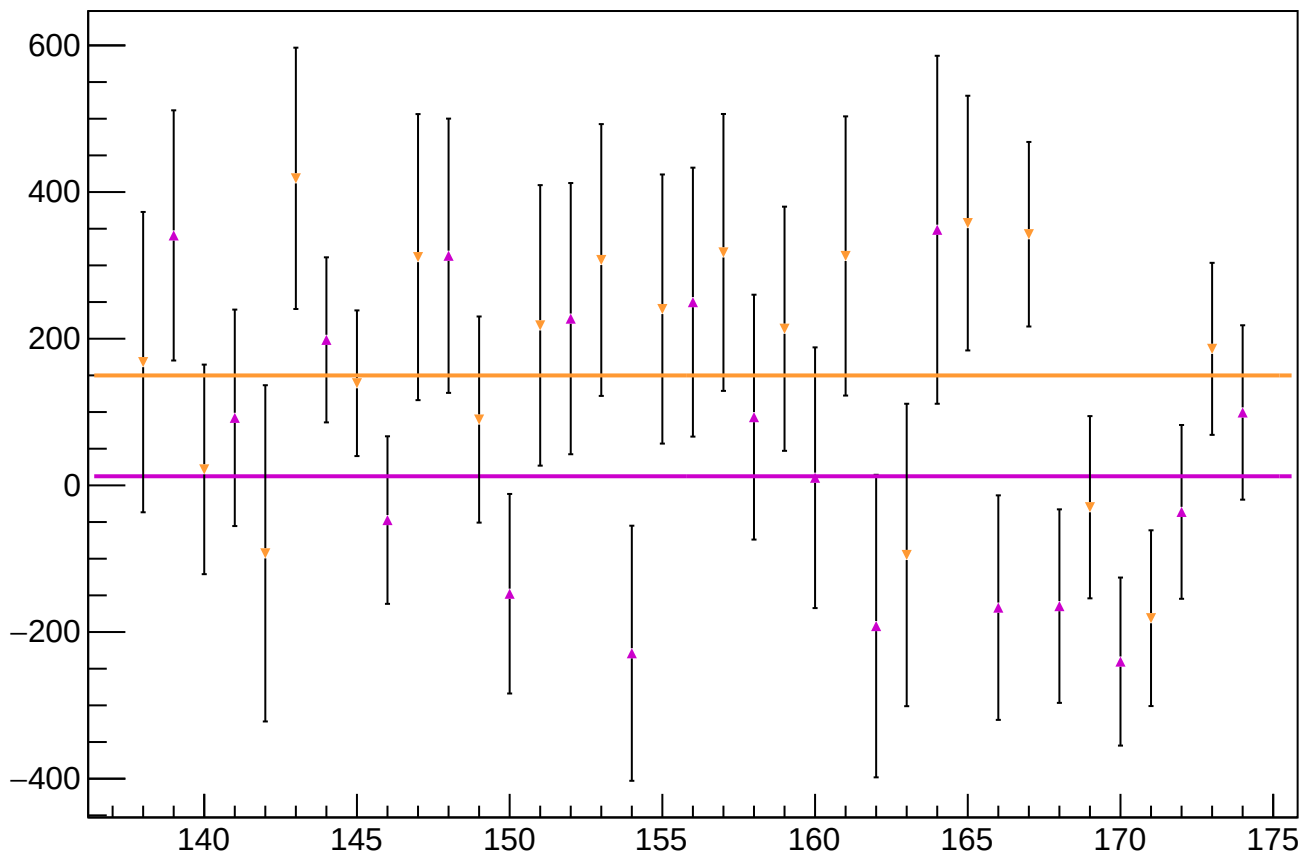
Left In: 131.042+/-0.025 χ^2/NDF : 1339732.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.818+/-0.018 χ^2/NDF : 3060783.4/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 149.922 $\pm$ 35.216 χ^2 /NDF:22.8/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

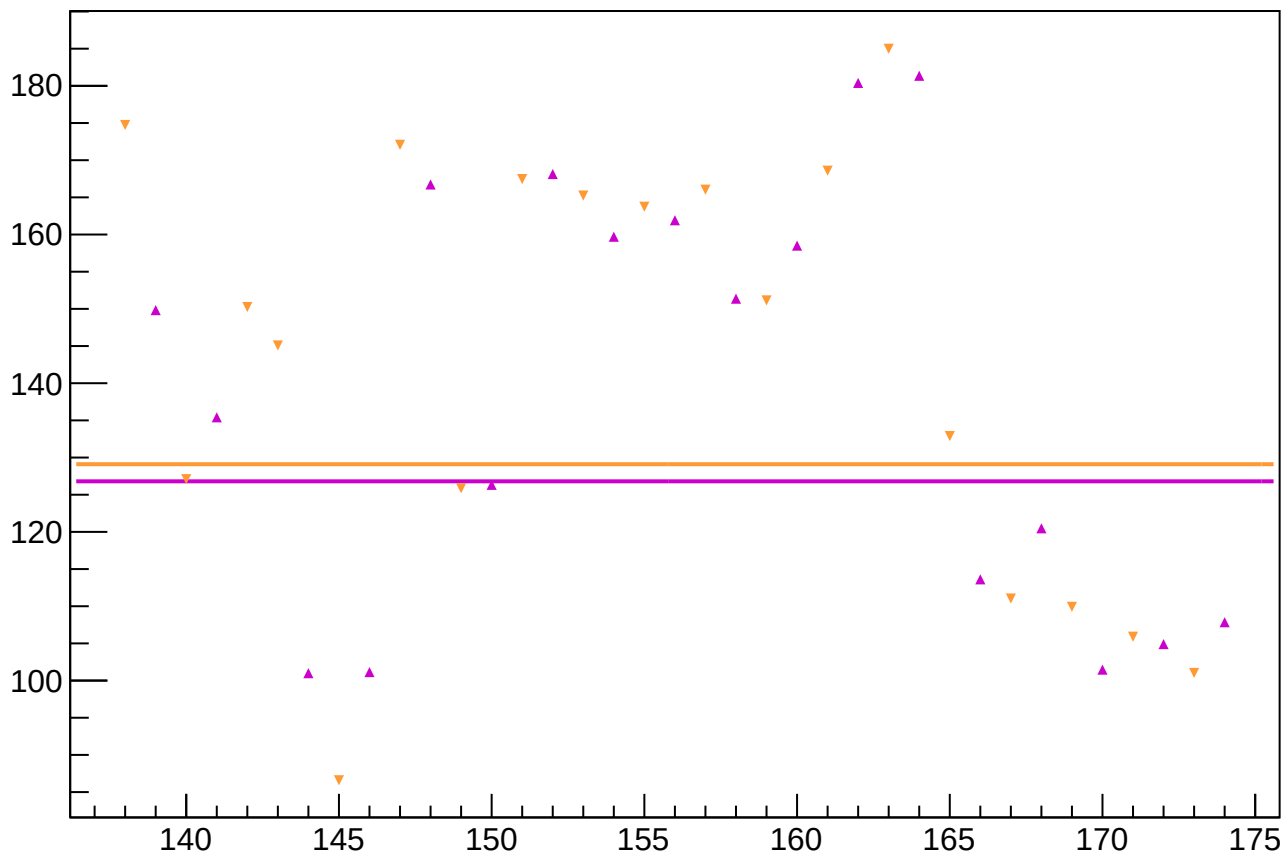
Left In: 12.422 $\pm$ 34.557 χ^2 /NDF:27.9/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.873 $\pm$ 24.665 χ^2 /NDF: 58.5/36

- sign 0.000 $\pm$ 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: 129.105+/-0.025 χ^2/NDF :1448979.2/18

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

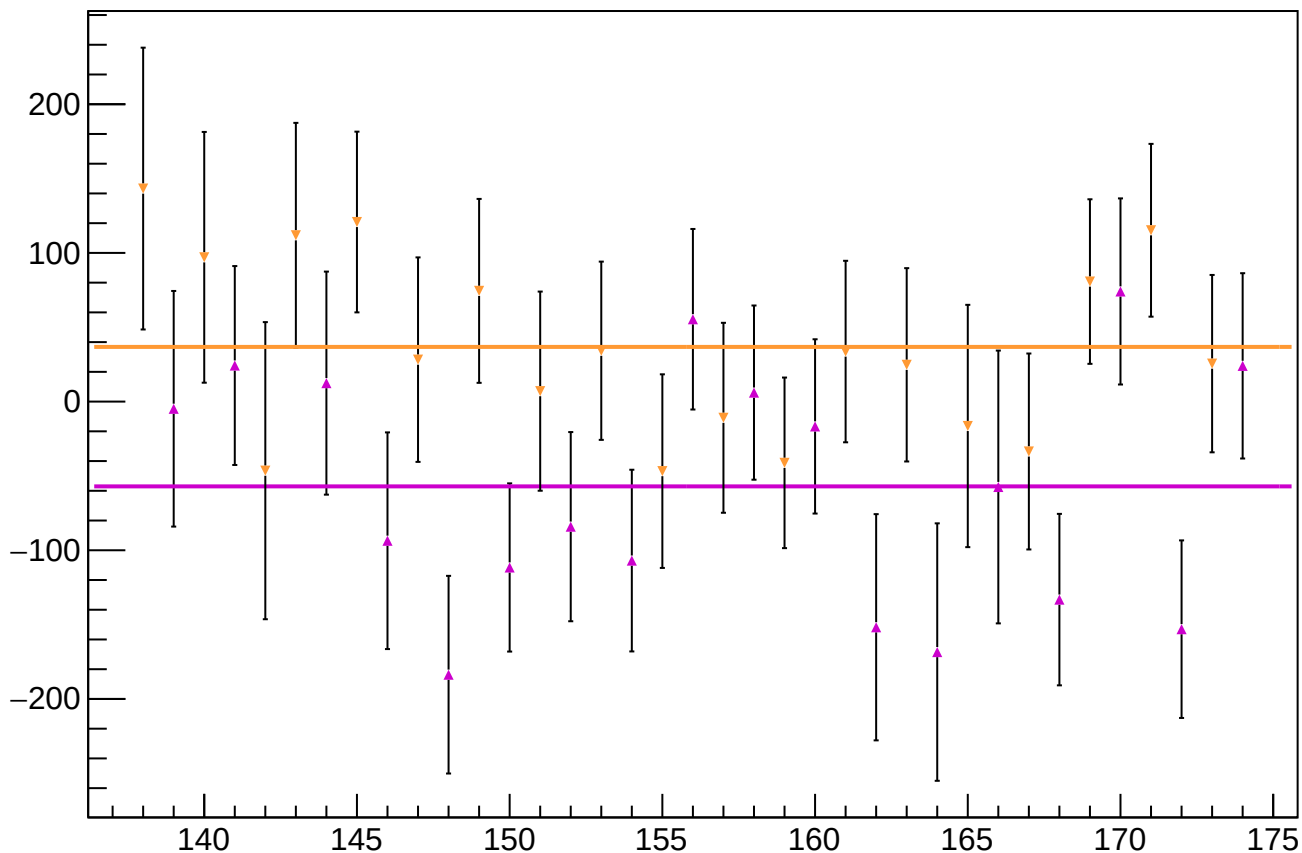
Left In: 126.802+/-0.024 χ^2/NDF :1169229.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.932+/-0.017 χ^2/NDF : 2622566.2/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 36.778 $\pm$ 15.169 χ^2 /NDF:14.1/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

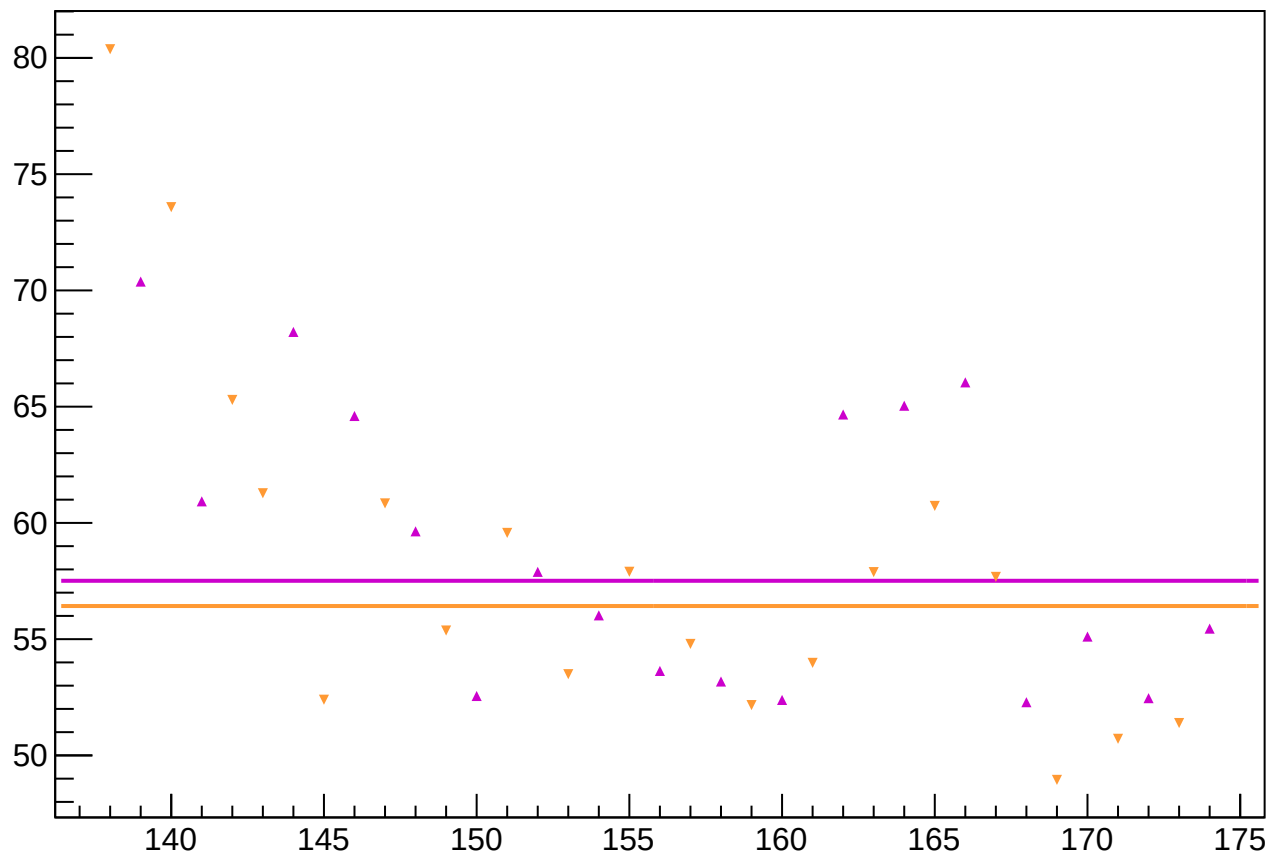
Left In: -57.028 $\pm$ 15.476 χ^2 /NDF:27.1/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.184 $\pm$ 10.833 χ^2 /NDF: 59.9/36

- sign 0.000 $\pm$ 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: 56.425+/-0.011 χ^2/NDF :355233.5/18

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

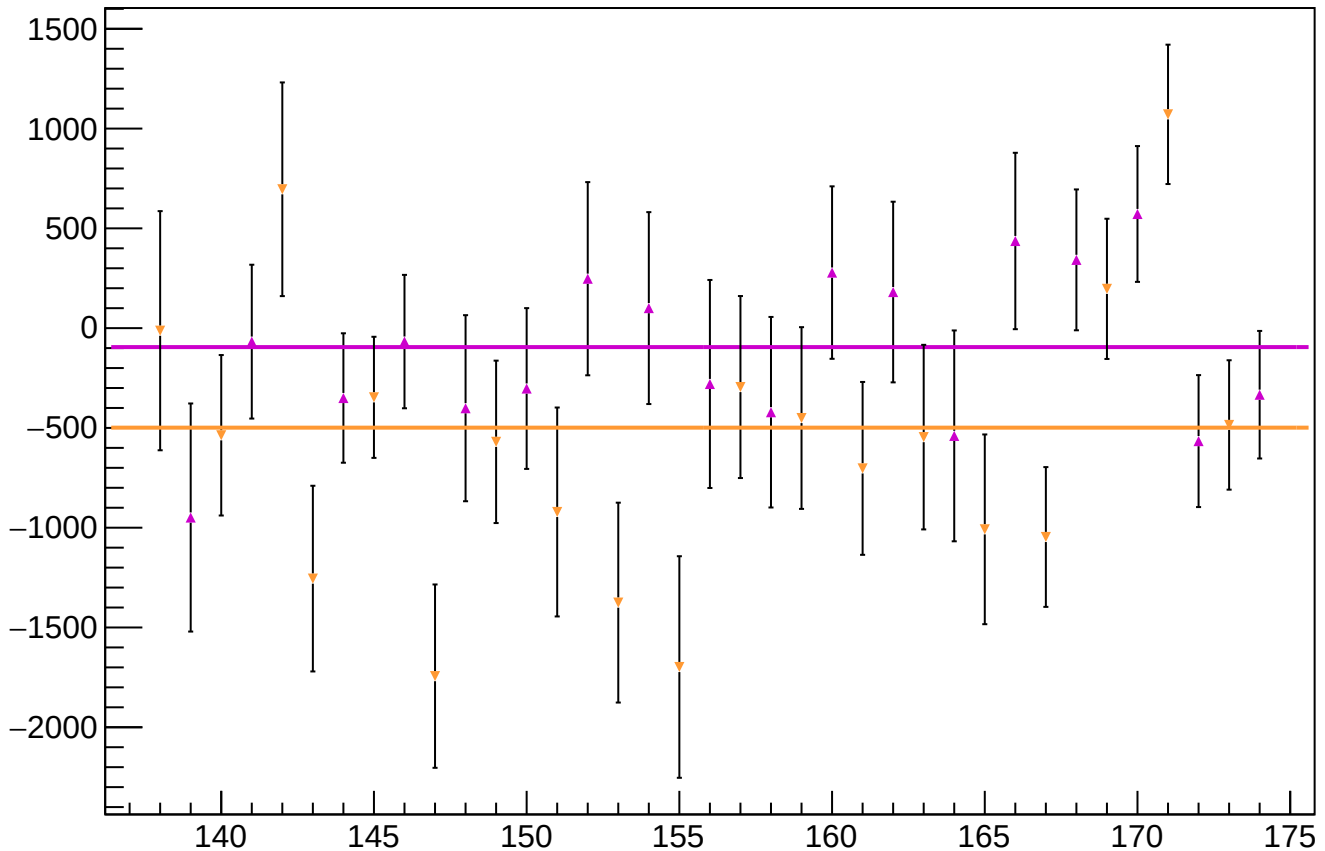
Left In: 57.511+/-0.011 χ^2/NDF :256596.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.957+/-0.008 χ^2/NDF : 616851.1/36

- 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: -498.652+/-96.389 χ^2/NDF : 52.5/18

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

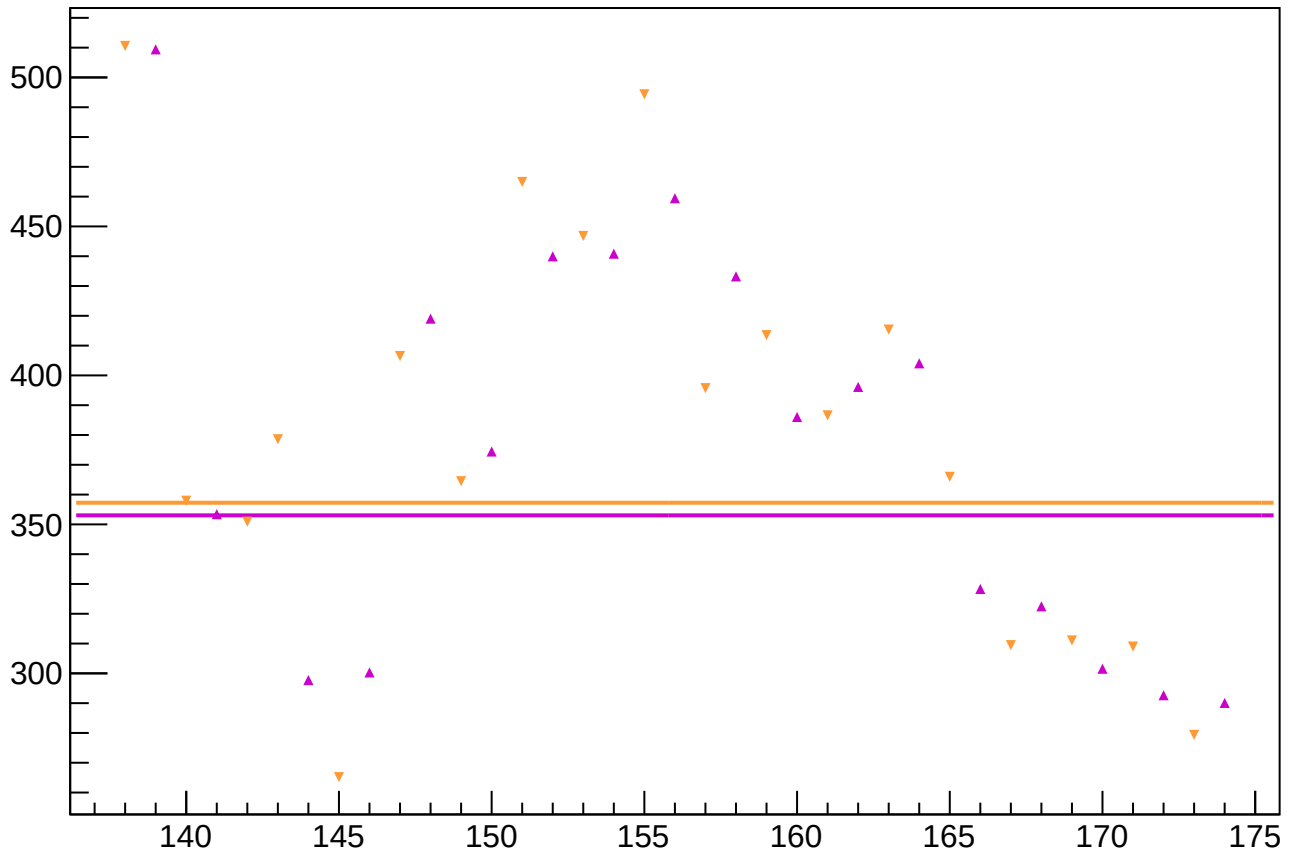
Left In: -94.979+/-95.253 χ^2/NDF : 16.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -294.423+/-67.752 χ^2/NDF : 77.4/36

- 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: 357.267+/-0.068 χ^2/NDF : 925513.0/18

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

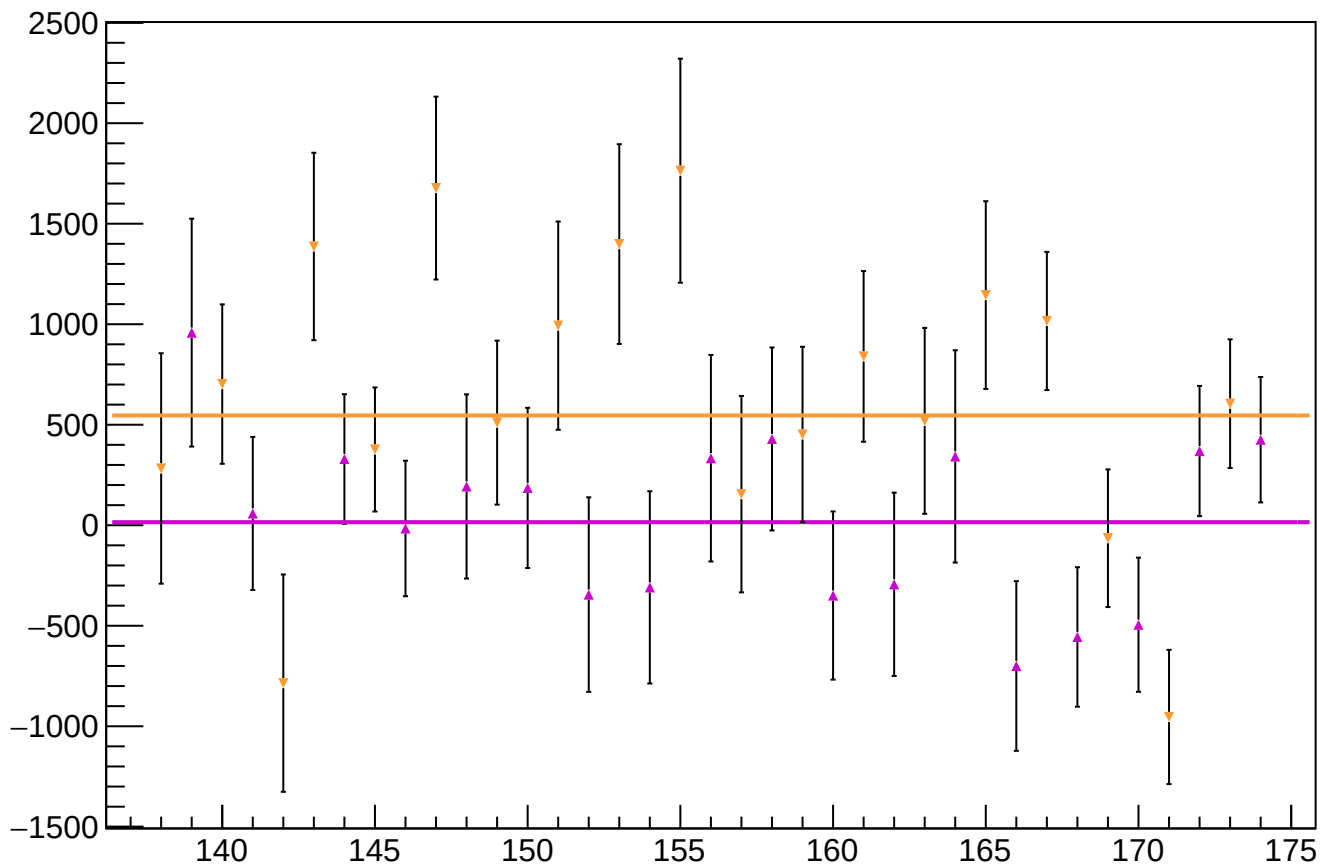
Left In: 353.031+/-0.067 χ^2/NDF : 834189.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.124+/-0.048 χ^2/NDF : 1761656.8/36

- 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: 546.289+/-95.447 χ^2/NDF : 52.7/18

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

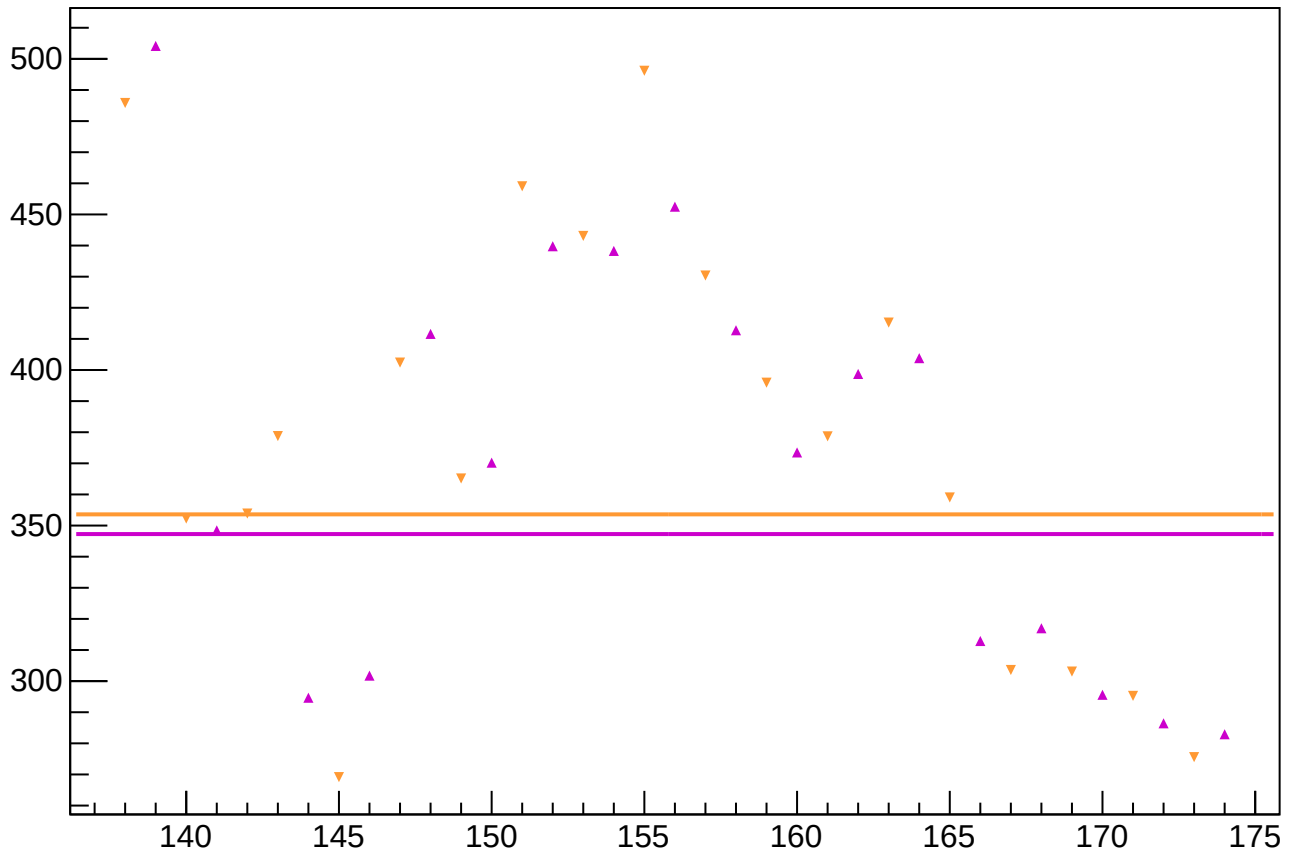
Left In: 15.304+/-93.827 χ^2/NDF : 18.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.253+/-66.911 χ^2/NDF : 87.2/36

- 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: 353.599+/-0.067 χ^2/NDF : 942418.9/18

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

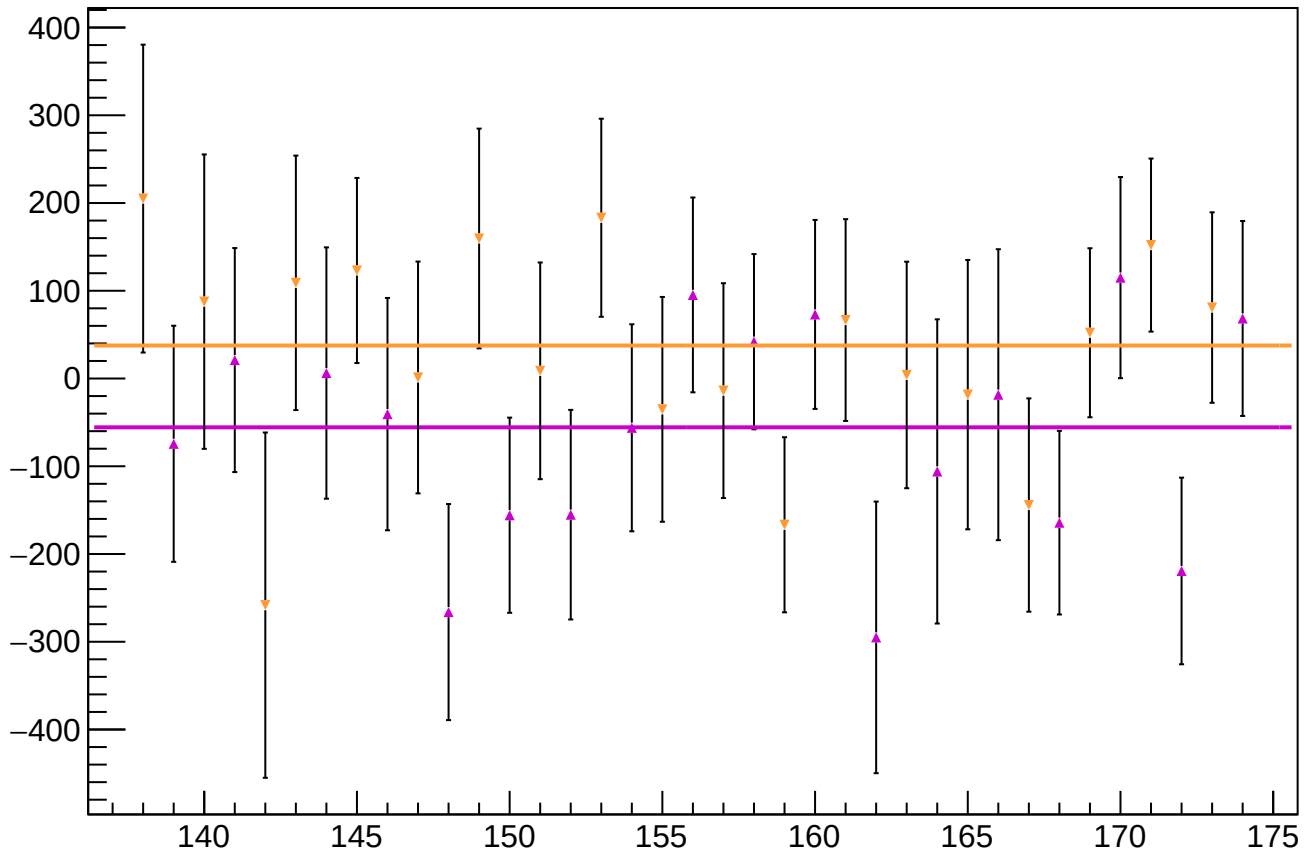
Left In: 347.265+/-0.066 χ^2/NDF : 848328.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.378+/-0.047 χ^2/NDF : 1795227.0/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 37.612 $\pm$ 28.107 χ^2 /NDF:15.6/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

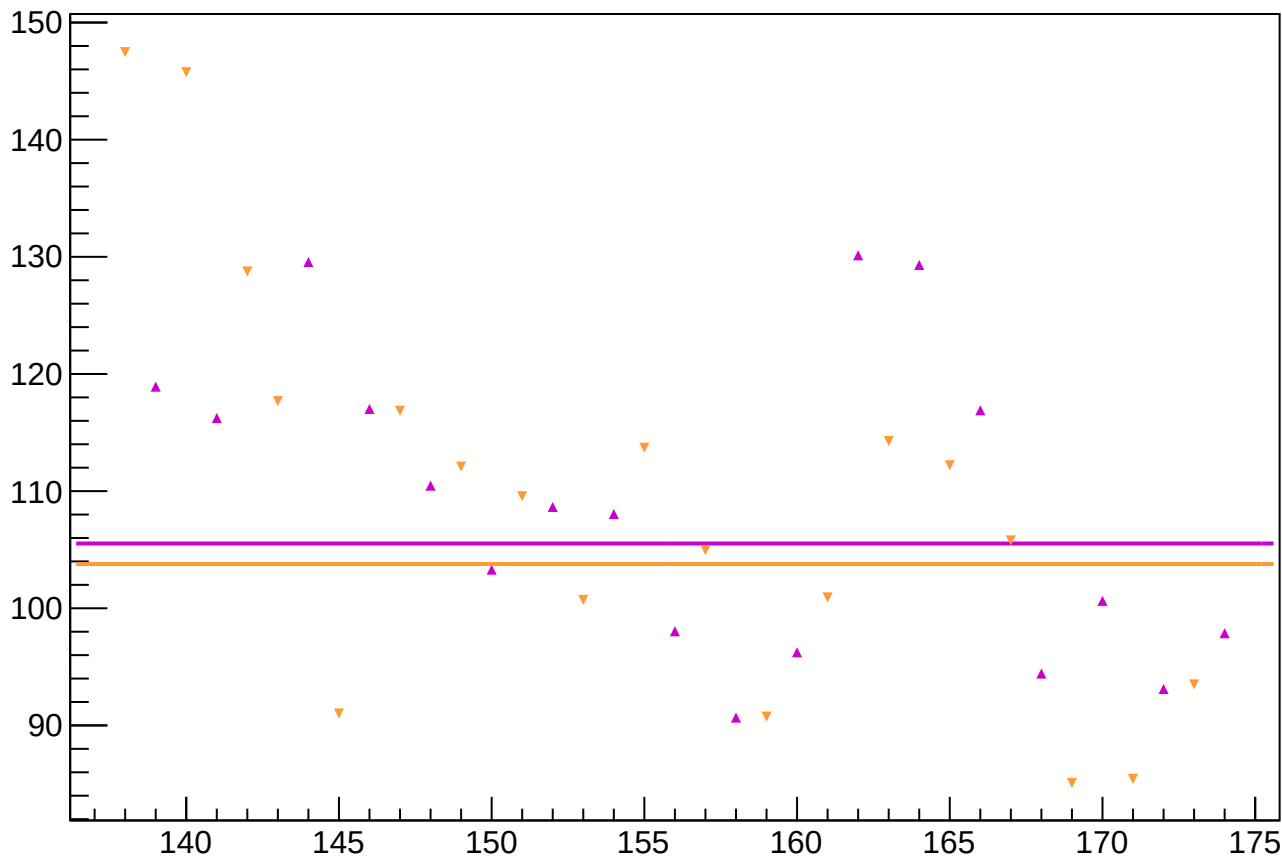
Left In: -55.634 $\pm$ 28.546 χ^2 /NDF:18.7/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.288 $\pm$ 20.028 χ^2 /NDF: 39.7/36

- sign 0.000 $\pm$ 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: 103.776+/-0.020 χ^2/NDF : 593273.4/18

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

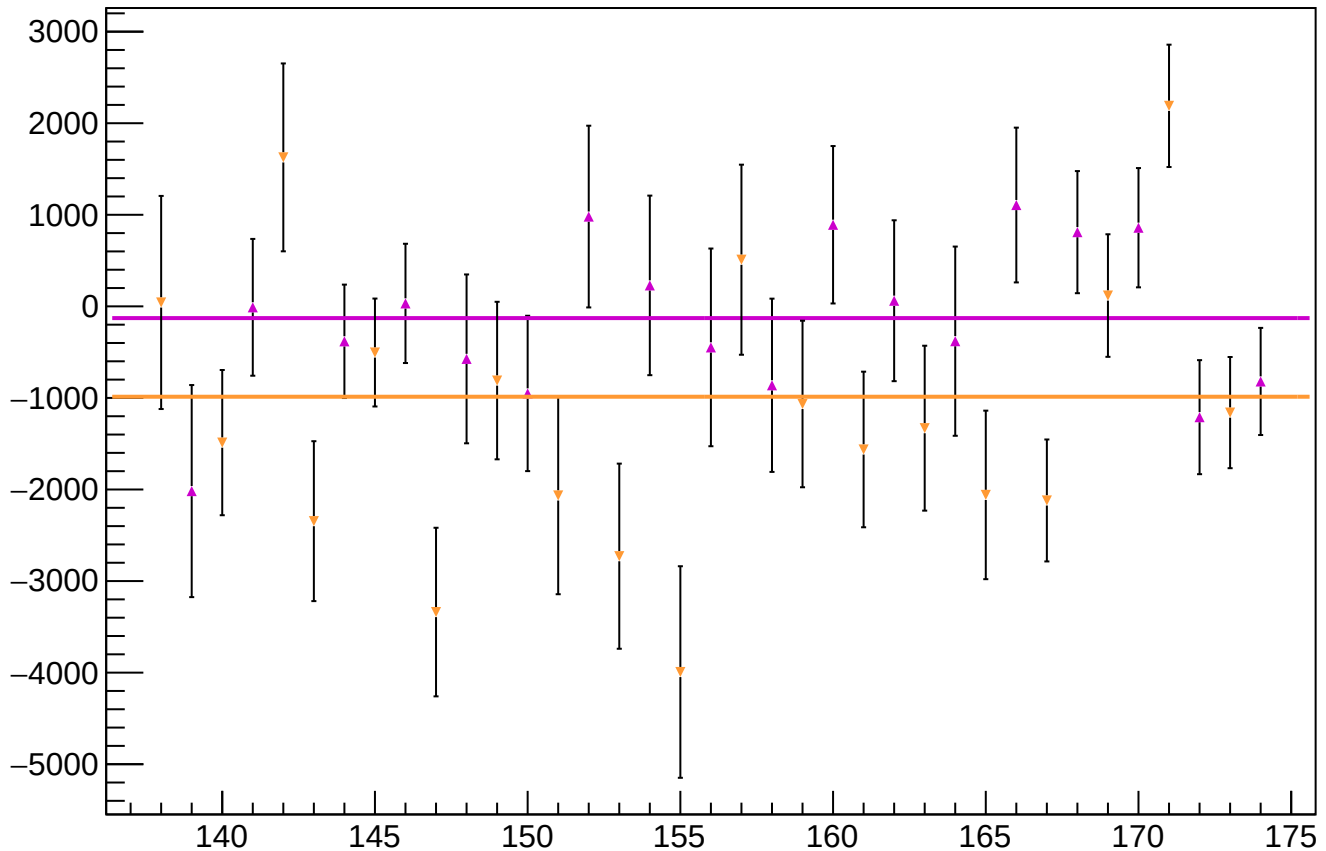
Left In: 105.528+/-0.020 χ^2/NDF : 340338.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.638+/-0.014 χ^2/NDF : 937437.7/36

- 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: -986.885+/-189.093 χ^2/NDF : 60.4/18

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

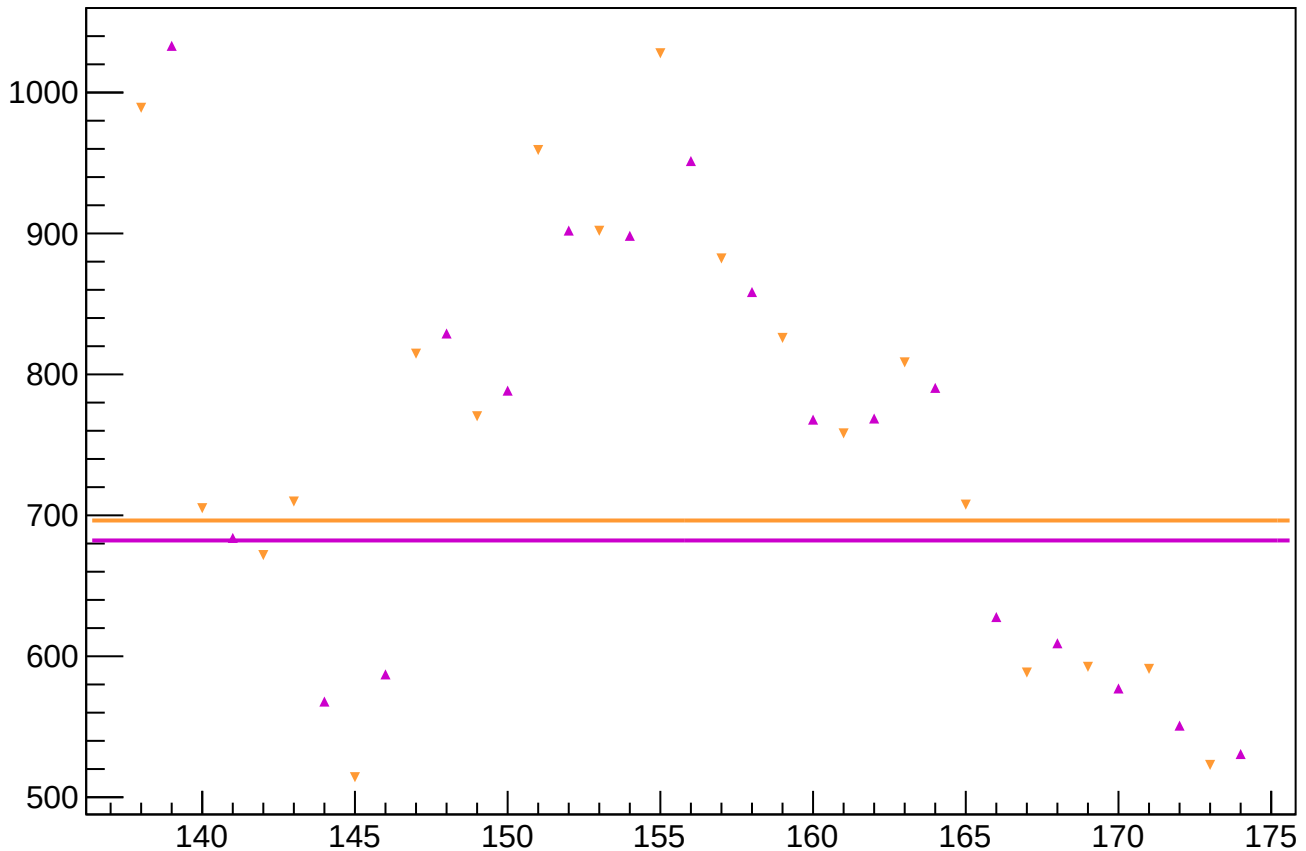
Left In: -128.219+/-185.077 χ^2/NDF : 18.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -548.337+/-132.266 χ^2/NDF : 89.5/36

- 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: 696.346+/-0.134 χ^2/NDF :1193741.4/18

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

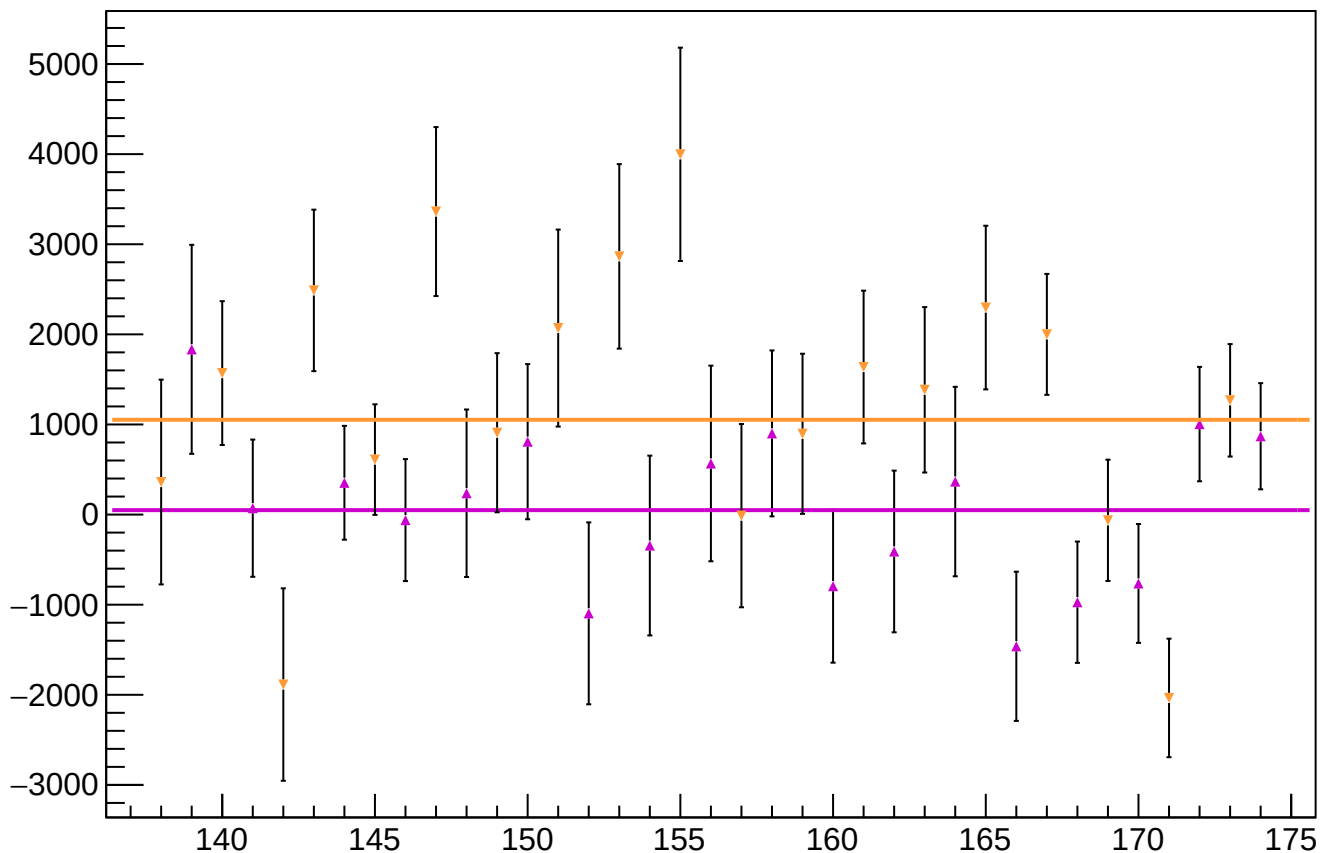
Left In: 682.176+/-0.131 χ^2/NDF :1134447.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.109+/-0.094 χ^2/NDF : 2333924.3/36

- 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: 1051.834+/-191.100 χ^2/NDF : 58.3/18

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

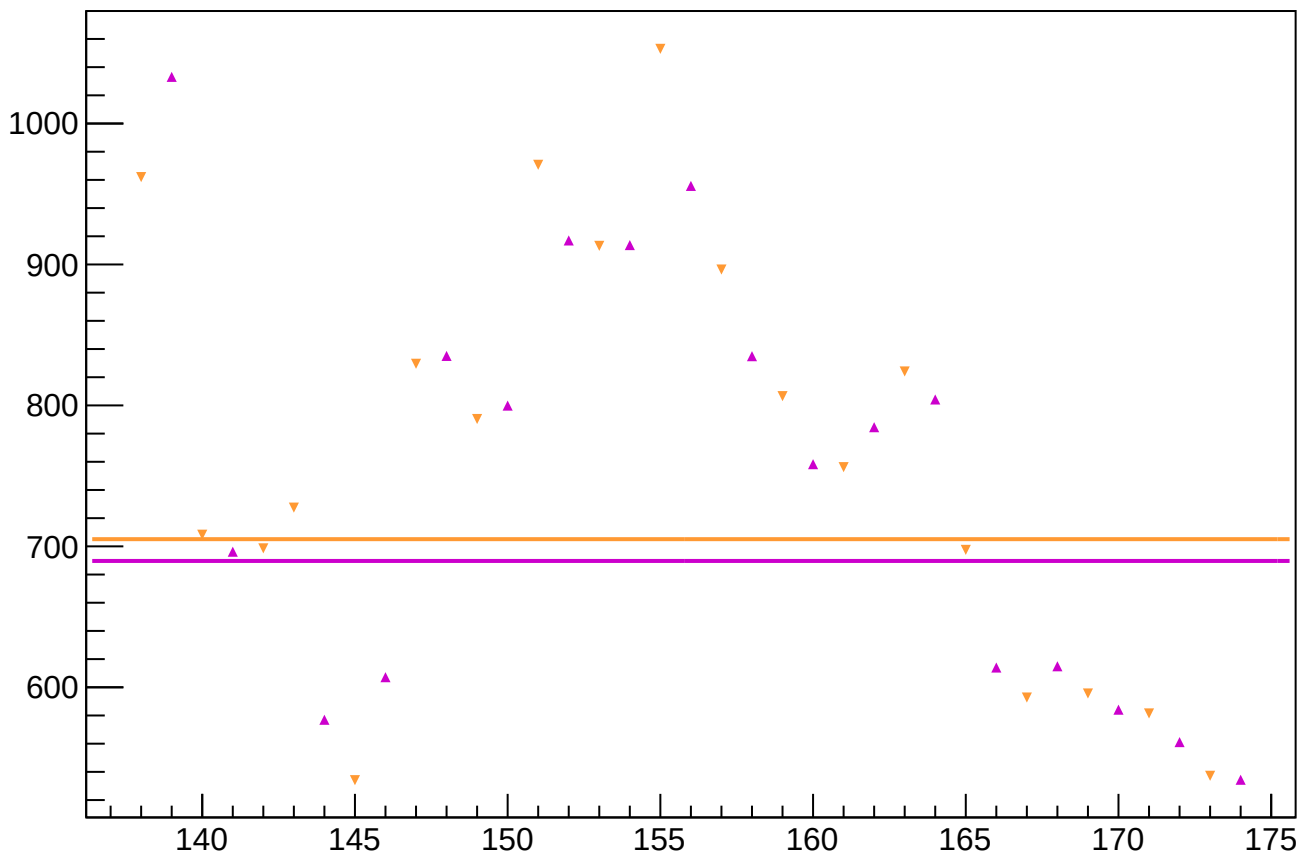
Left In: 49.221+/-187.186 χ^2/NDF : 18.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.154+/-133.723 χ^2/NDF : 91.0/36

- 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: 705.100+/-0.135 χ^2/NDF :1148604.6/18

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

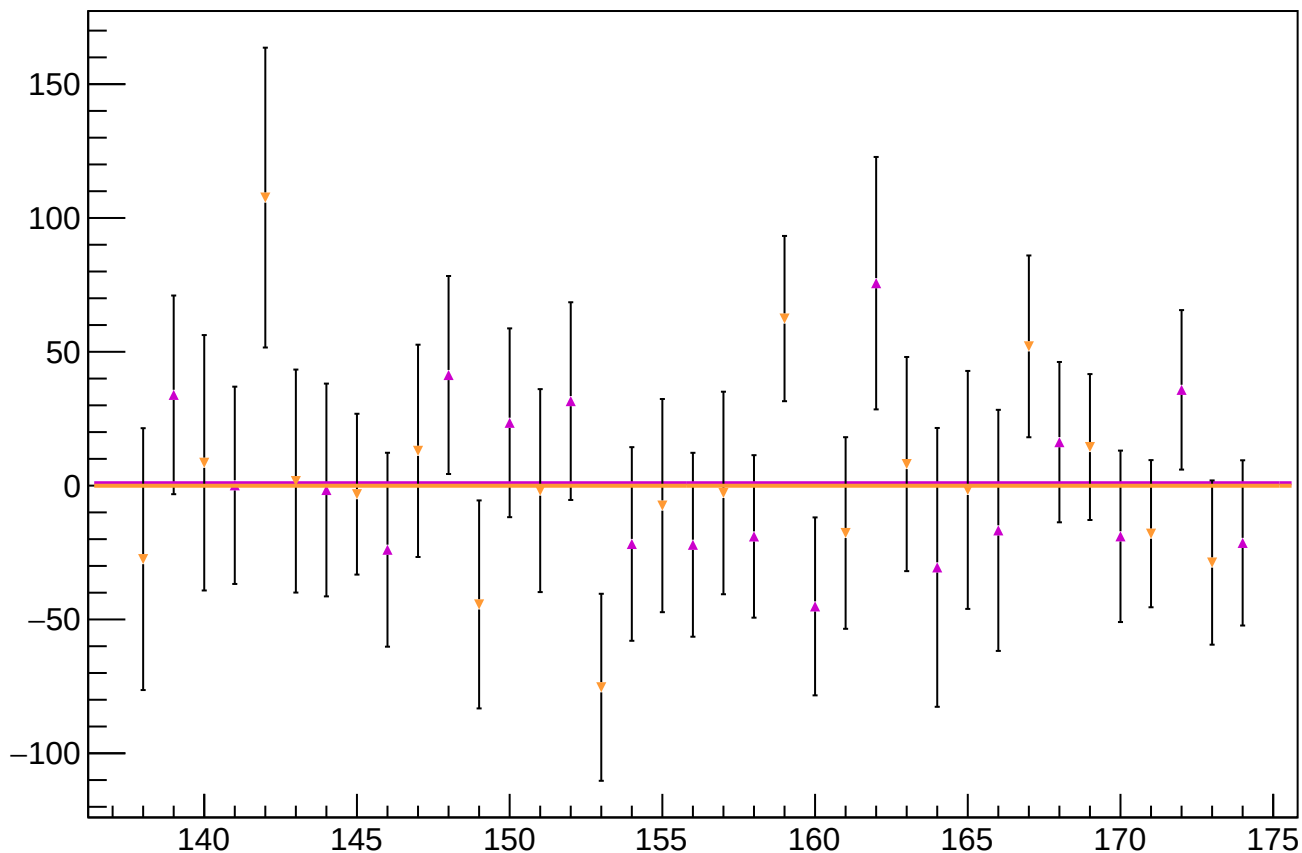
Left In: 689.647+/-0.132 χ^2/NDF :1095611.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 697.213+/-0.095 χ^2/NDF : 2250889.8/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.042 $\pm$ 8.287 χ^2 /NDF:18.5/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

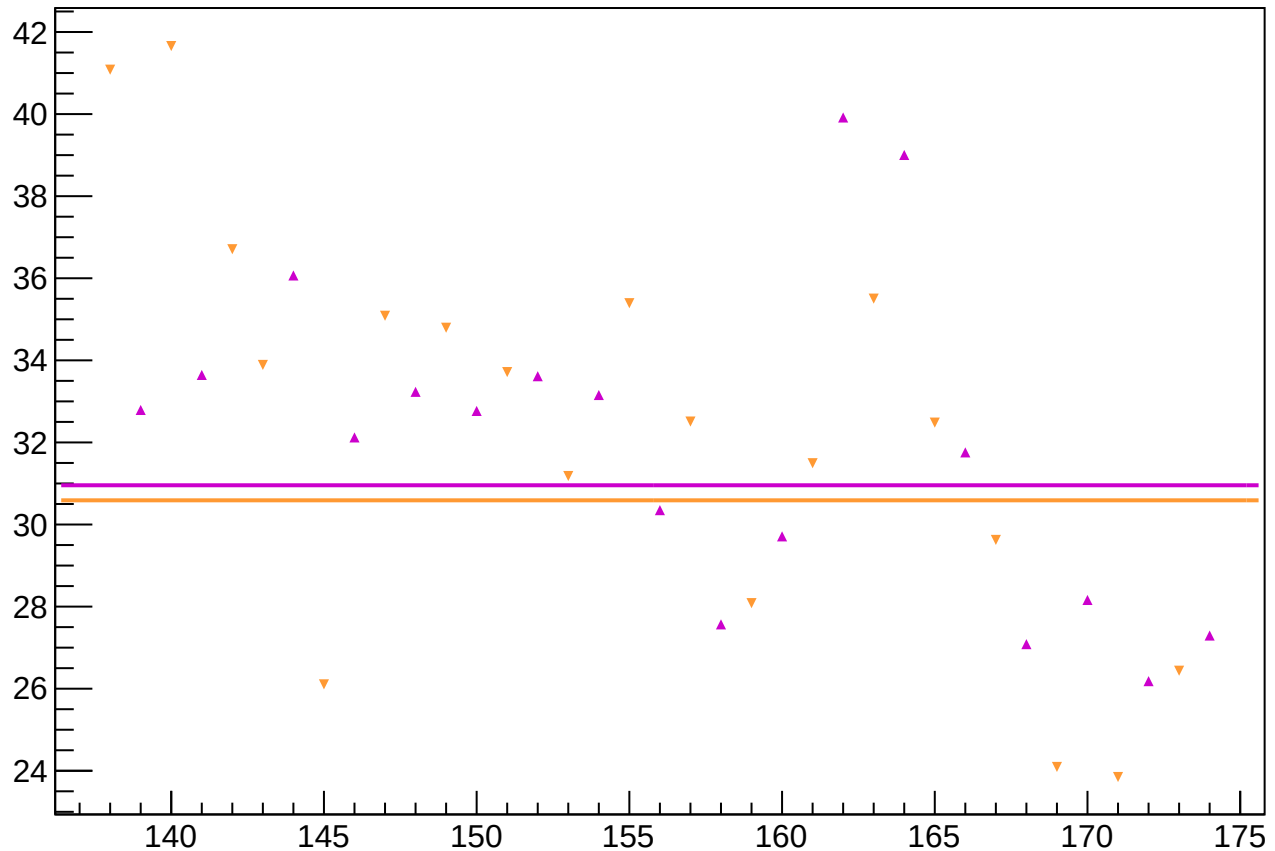
Left In: 0.900 $\pm$ 8.361 χ^2 /NDF:12.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.425 $\pm$ 5.886 χ^2 /NDF: 30.8/36

- sign 0.000 $\pm$ 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: 30.590+/-0.006 χ^2/NDF : 698431.4/18

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

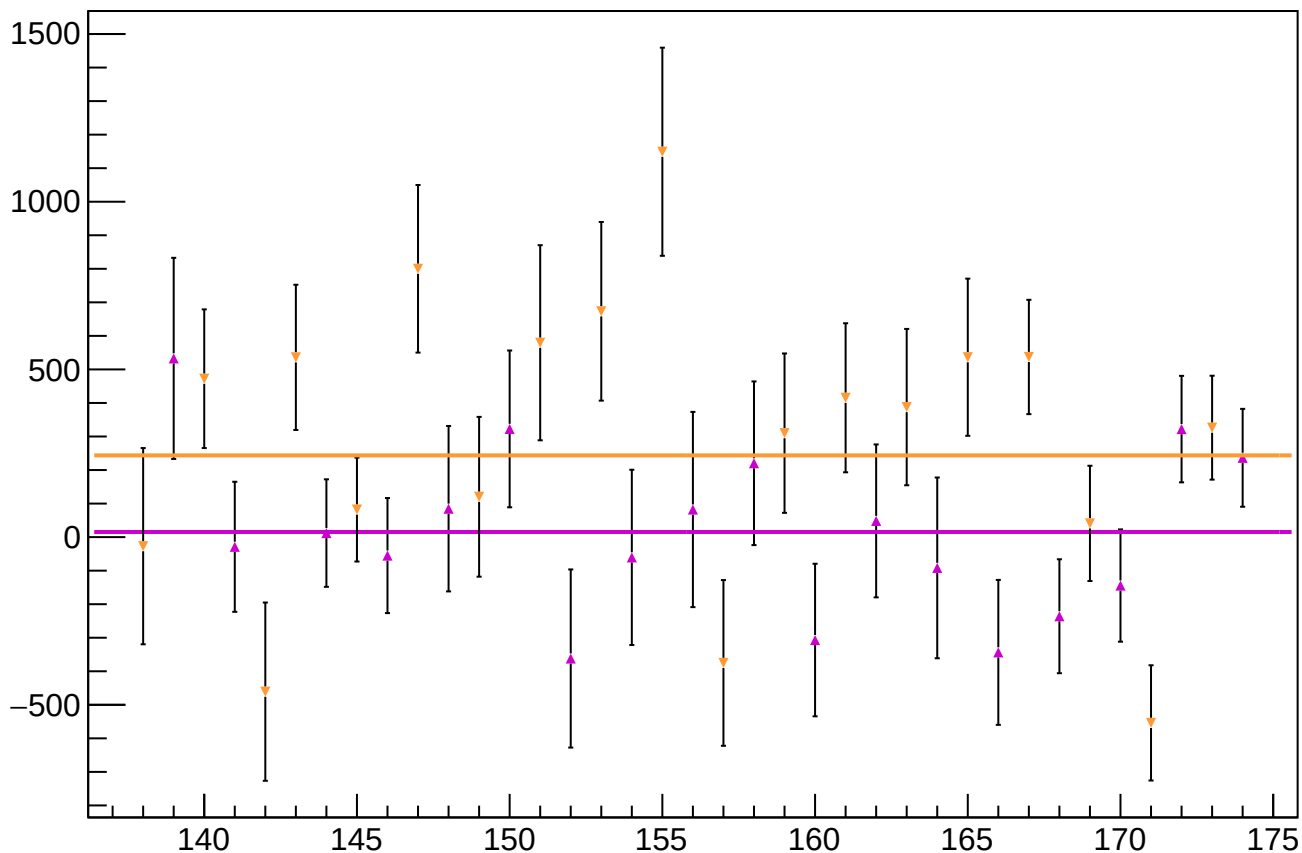
Left In: 30.956+/-0.006 χ^2/NDF : 358294.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.771+/-0.004 χ^2/NDF : 1058666.9/36

- 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: 243.763+/-48.970 χ^2/NDF : 64.8/18

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

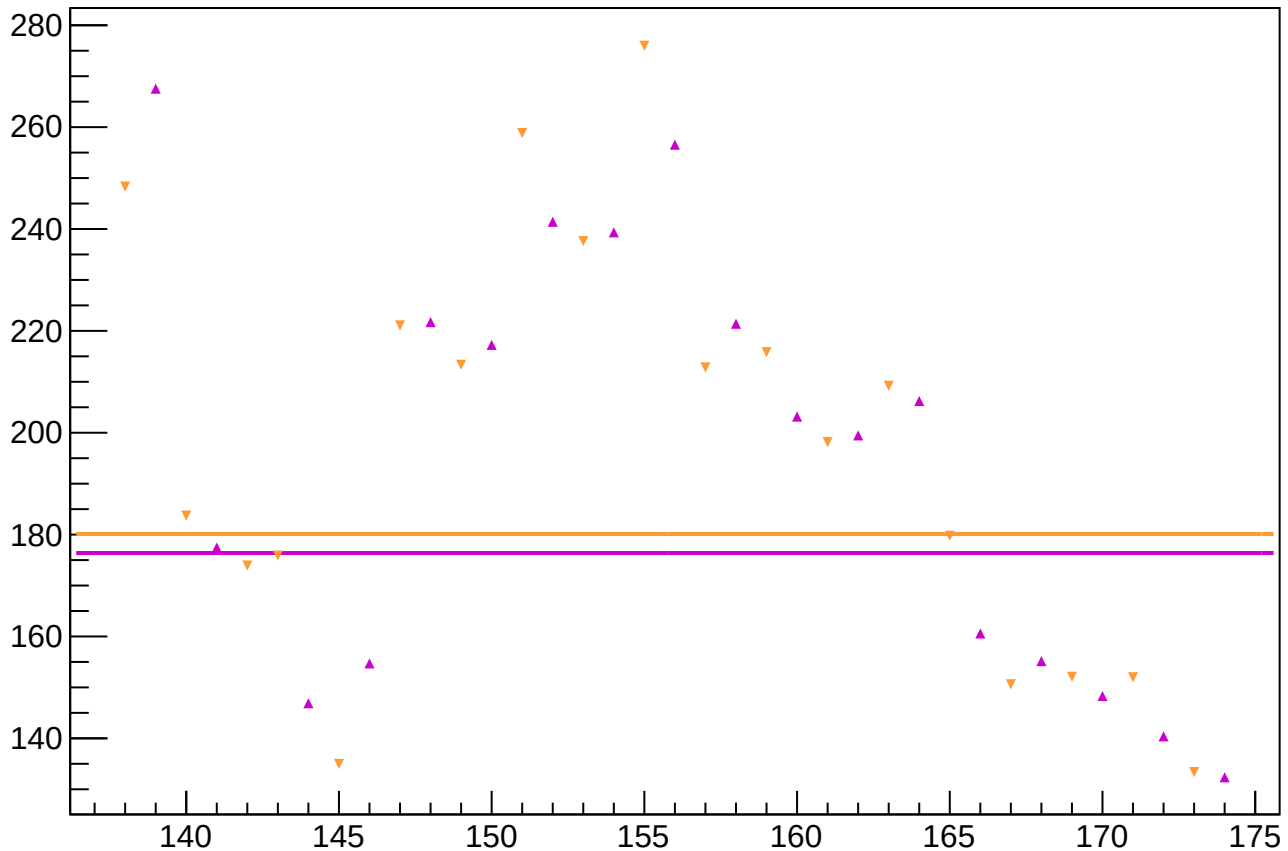
Left In: 15.316+/-48.026 χ^2/NDF : 21.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.316+/-34.288 χ^2/NDF : 97.8/36

- 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: 180.113+/-0.035 χ^2/NDF :1277540.2/18

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

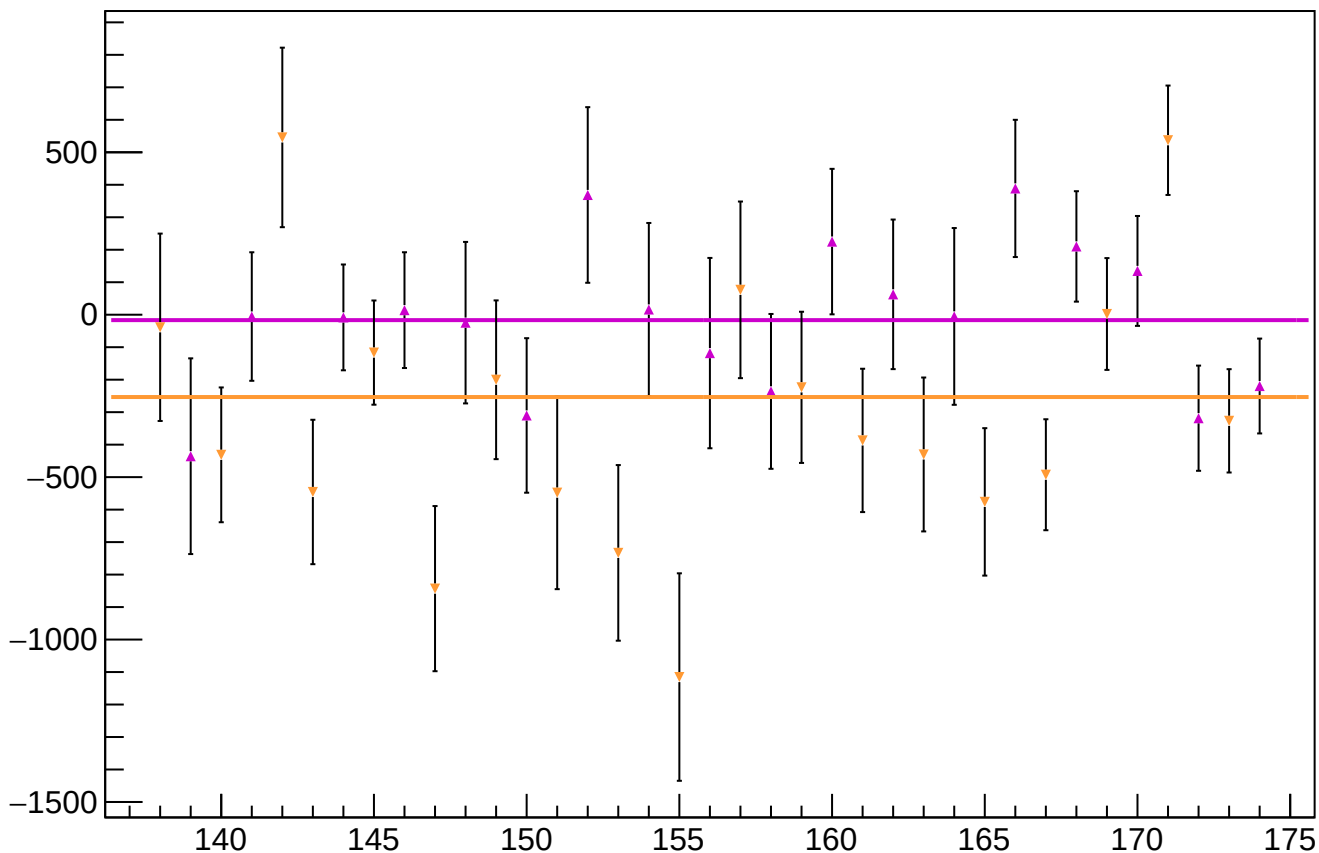
Left In: 176.386+/-0.034 χ^2/NDF :1325092.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.214+/-0.024 χ^2/NDF : 2608537.1/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -253.430 $\pm$ 49.558 χ^2 /NDF:59.8/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

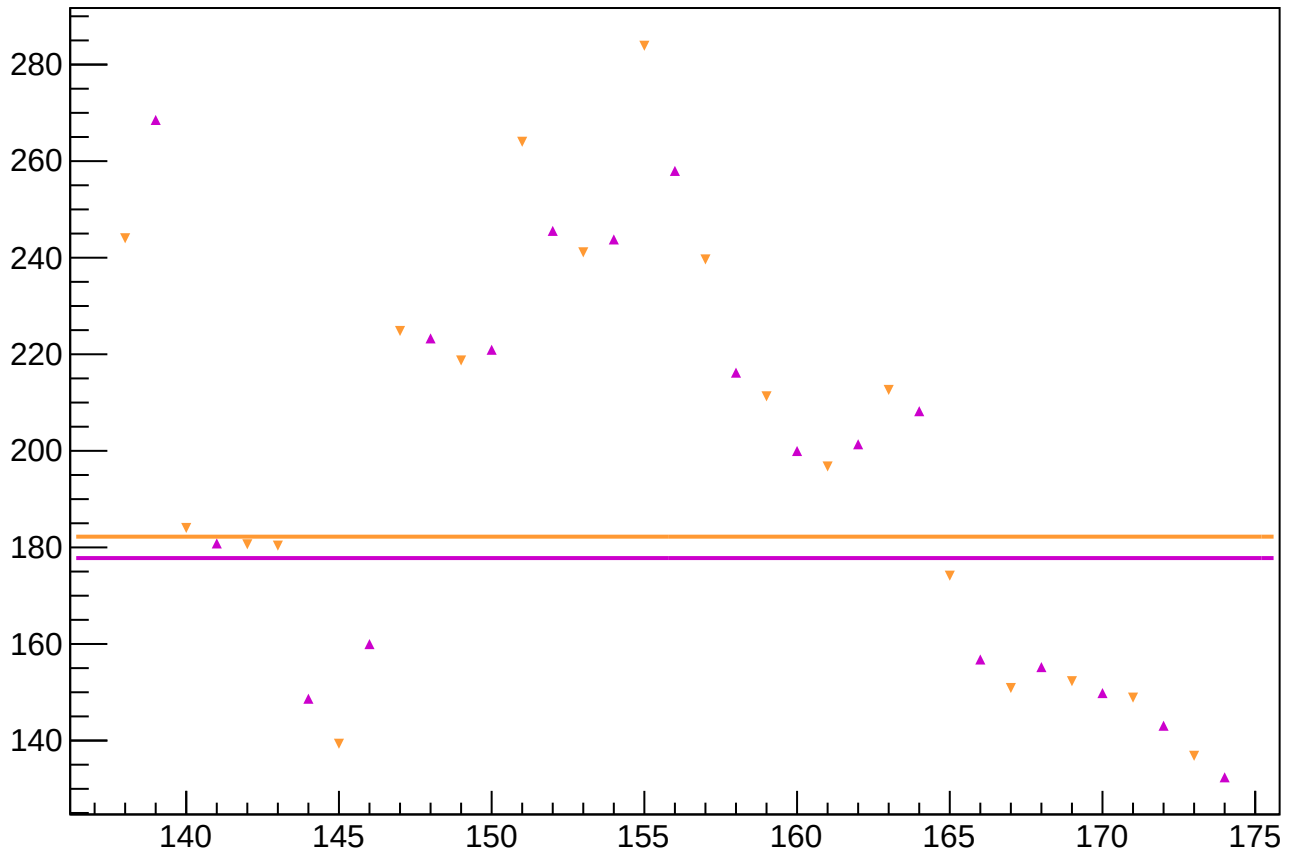
Left In: -16.669 $\pm$ 48.449 χ^2 /NDF:19.5/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -132.370 $\pm$ 34.644 χ^2 /NDF: 90.9/36

- sign 0.000 $\pm$ 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: 182.227+/-0.035 χ^2/NDF :1318938.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

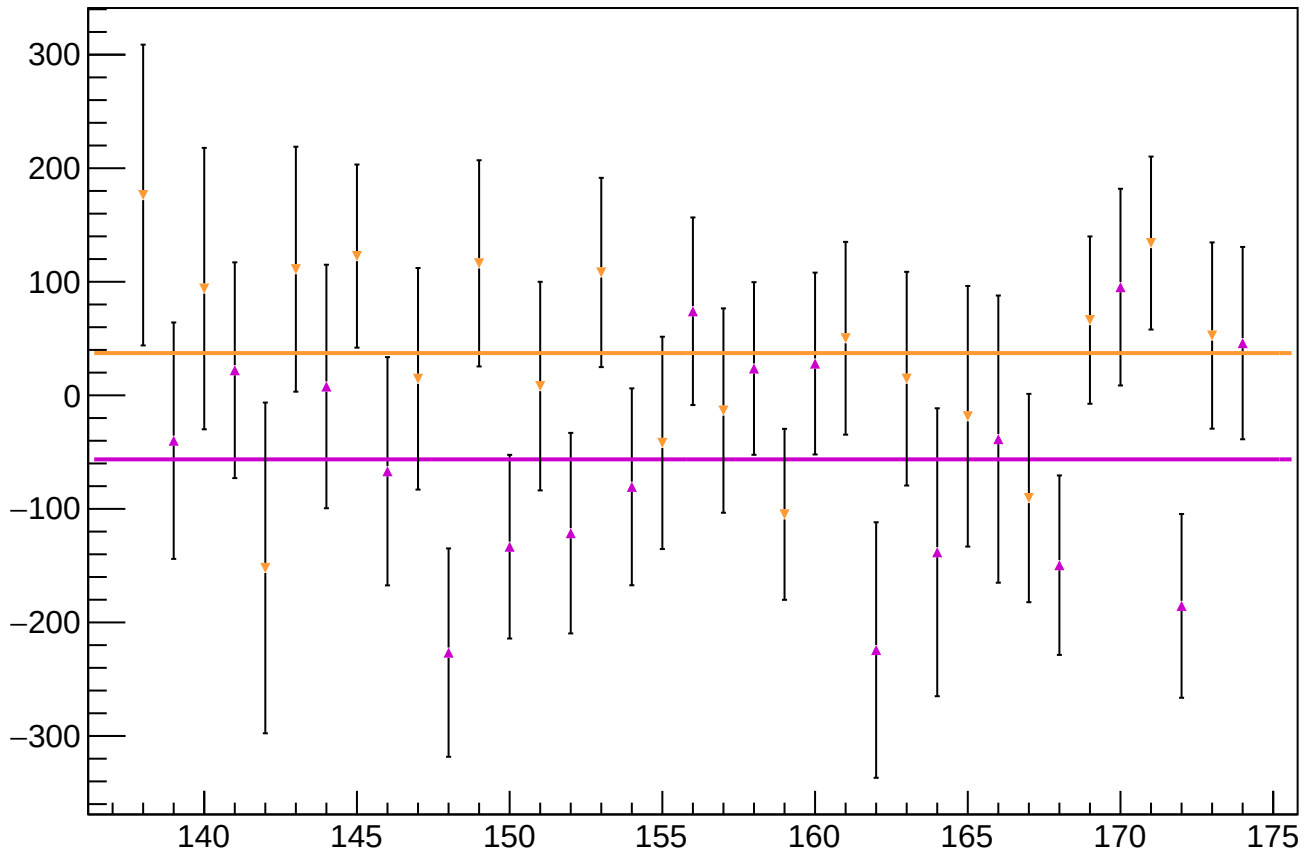
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.960+/-0.024 χ^2/NDF : 2636813.1/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 177.792+/-0.034 χ^2/NDF :1309685.1/17

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 37.220+/-21.018 χ^2/NDF :14.9/18

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

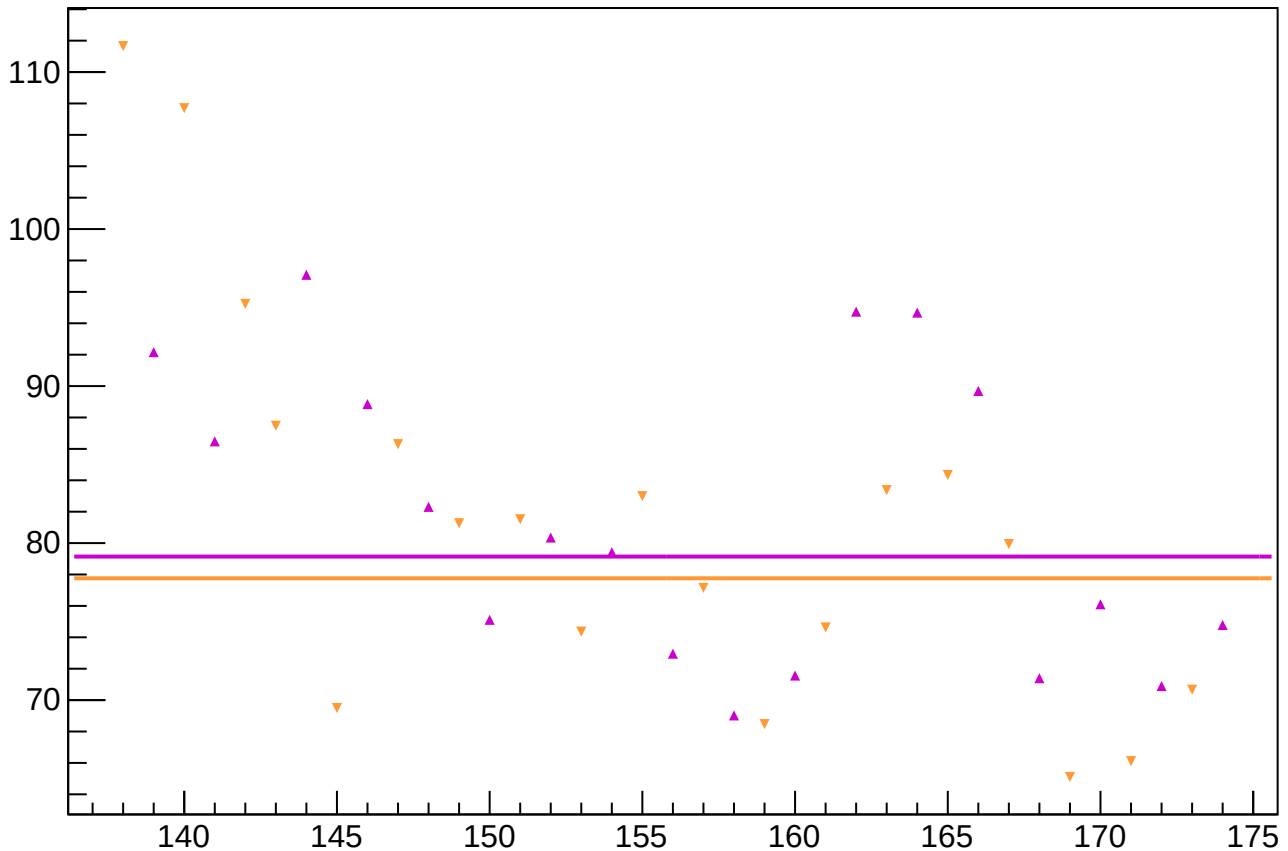
Left In: -56.394+/-21.385 χ^2/NDF :21.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.775+/-14.990 χ^2/NDF : 46.5/36

- 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: 77.759+/-0.015 χ^2/NDF : 513796.1/18

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

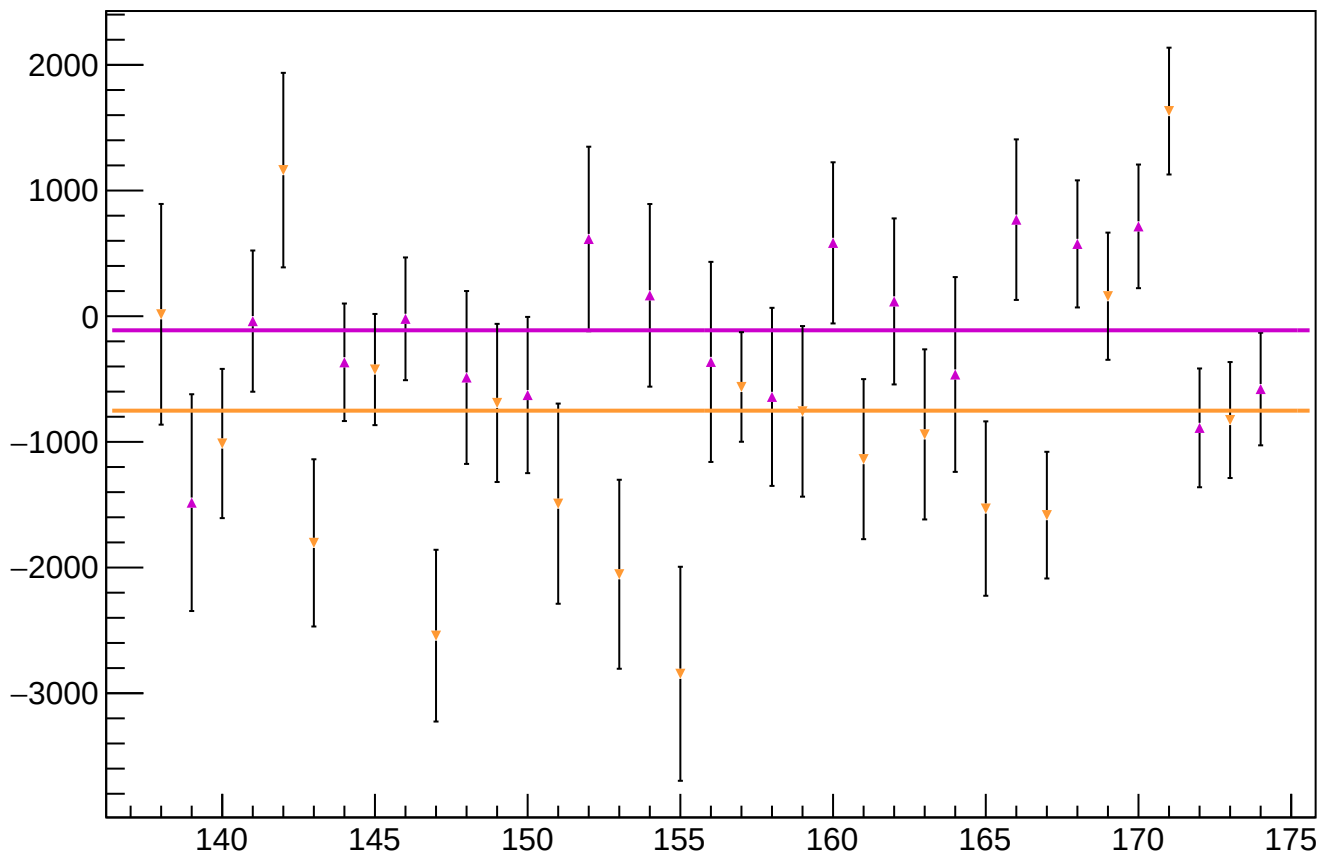
Left In: 79.142+/-0.015 χ^2/NDF : 320336.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.438+/-0.011 χ^2/NDF : 838383.4/36

- 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: -751.539+/-137.117 χ^2/NDF : 57.1/18

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

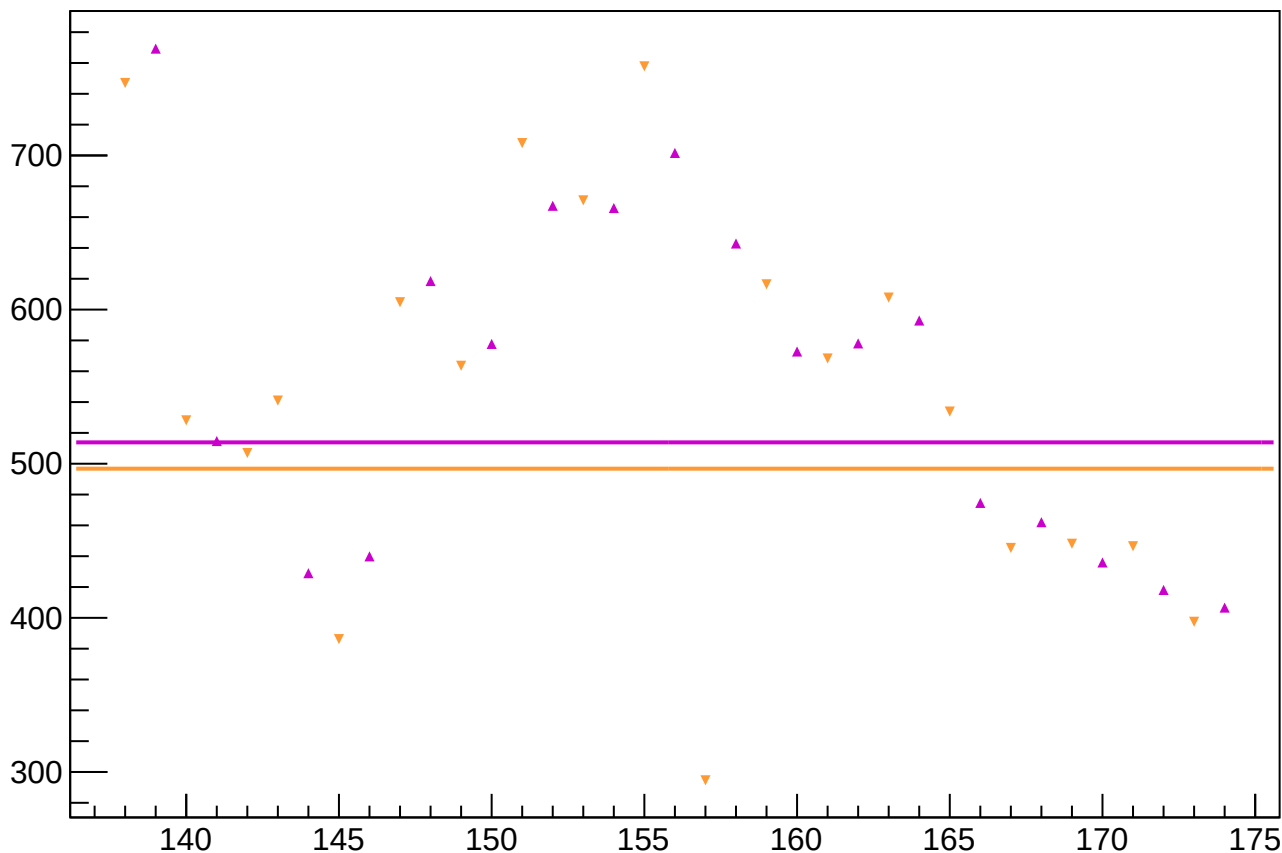
Left In: -112.083+/-139.164 χ^2/NDF : 17.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -436.549+/-97.672 χ^2/NDF : 85.3/36

- 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: 496.792+/-0.097 χ^2/NDF :1539558.9/18

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

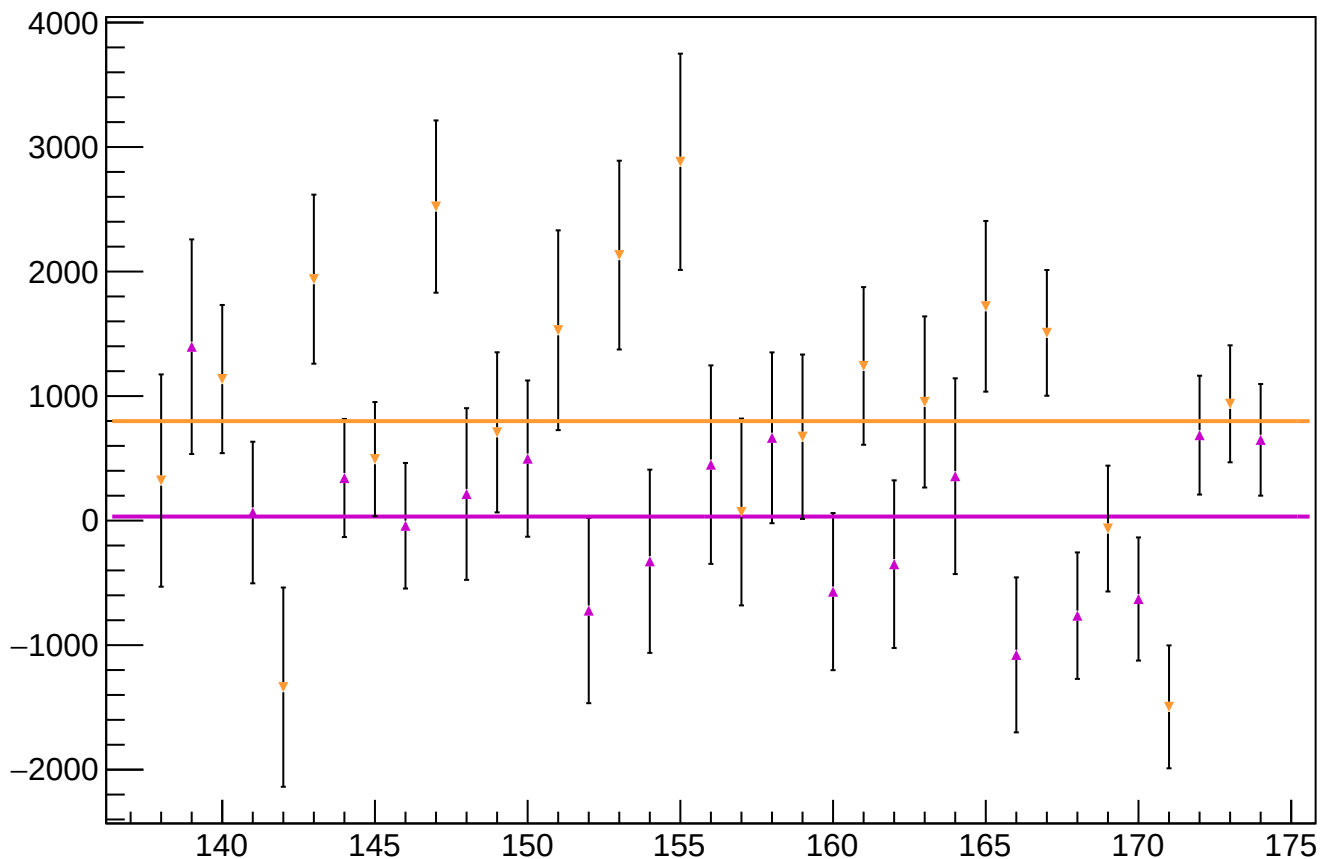
Left In: 513.855+/-0.098 χ^2/NDF :1039061.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.197+/-0.069 χ^2/NDF : 2593876.0/36

- 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: 798.902+/-142.694 χ^2/NDF :56.8/18

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

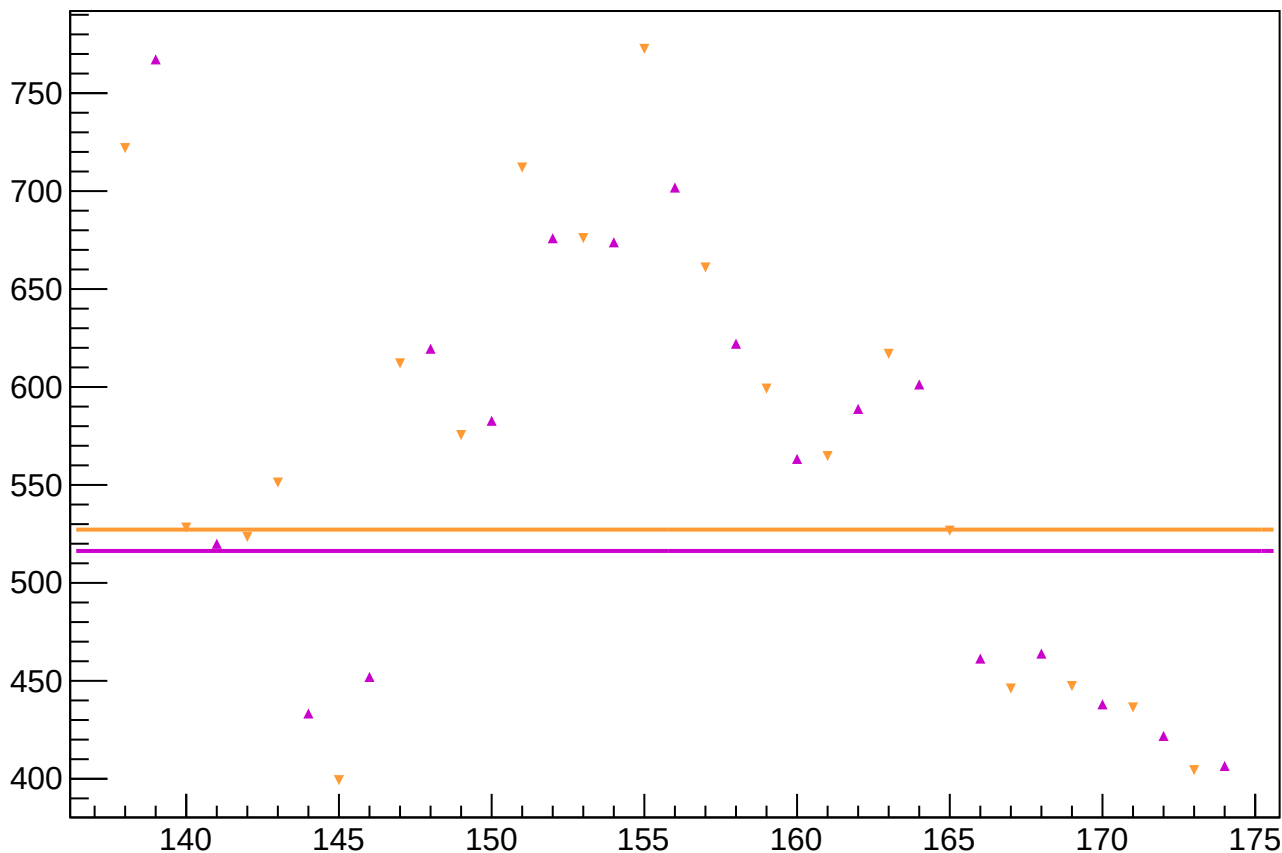
Left In: 32.503+/-139.923 χ^2/NDF :18.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.188+/-99.906 χ^2/NDF : 90.1/36

- 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: 527.204+/-0.101 χ^2/NDF :1081476.9/18

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

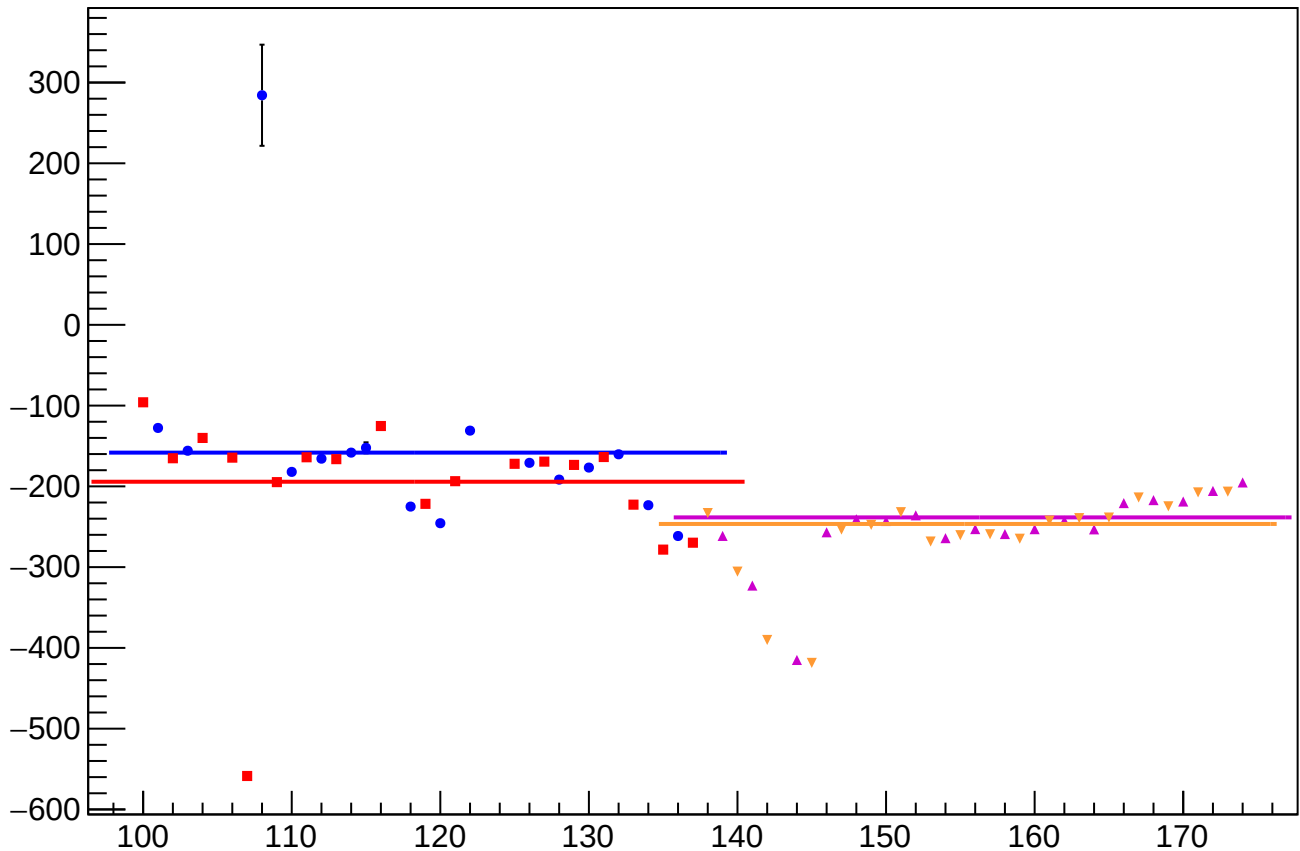
Left In: 516.305+/-0.099 χ^2/NDF :1013350.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.647+/-0.071 χ^2/NDF : 2100775.3/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 117166.2/15$

Left Out: -246.546 ± 0.129 $\chi^2/\text{NDF}: 56770.1/17$

Right Out: -194.268 ± 0.165 $\chi^2/\text{NDF}: 176560.4/17$

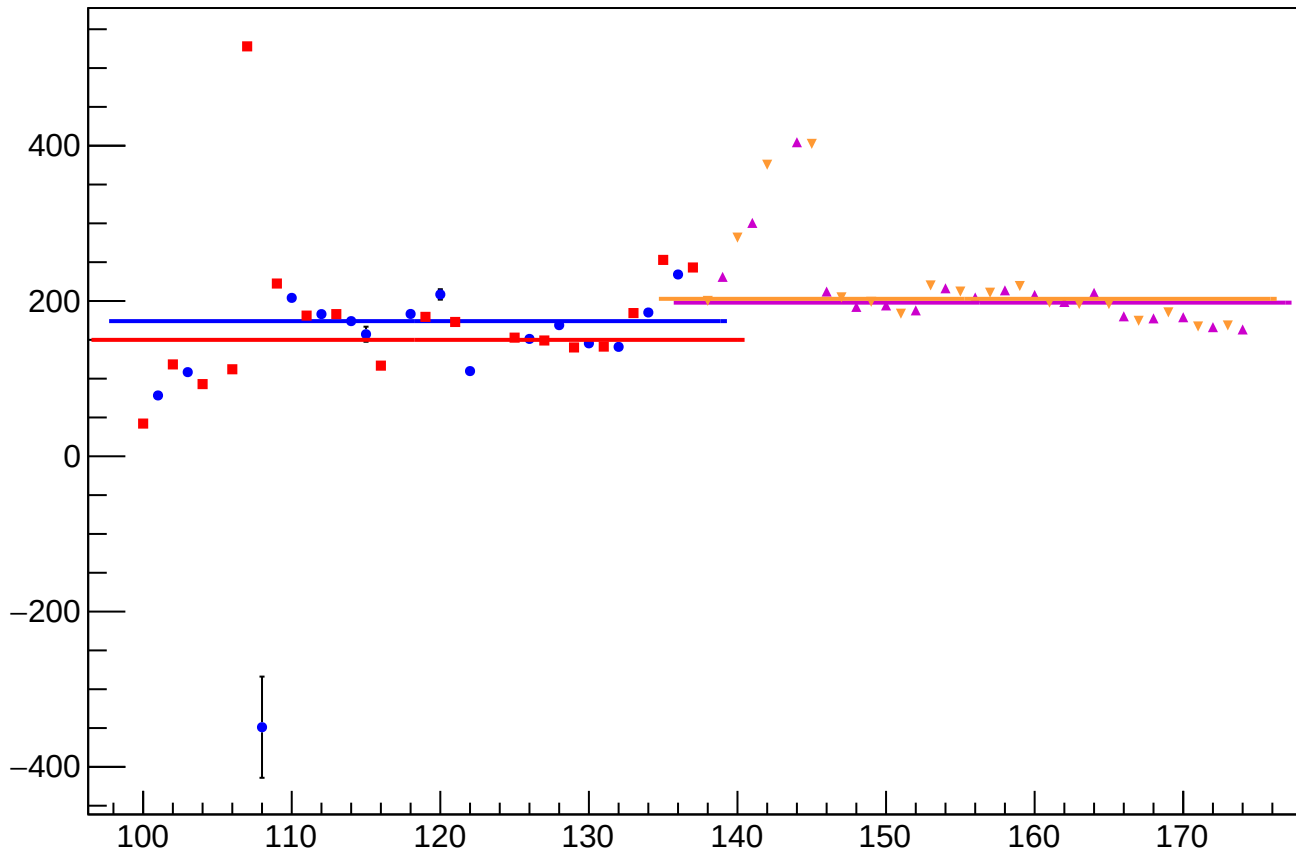
Left In: -238.416 ± 0.119 $\chi^2/\text{NDF}: 97190.6/17$

+ sign -158.222 ± 0.000 $\chi^2/\text{NDF}: 639521.1/33$

All: -158.222 ± 0.000 $\chi^2/\text{NDF}: 1413211.3/69$

- sign -223.286 ± 0.097 $\chi^2/\text{NDF}: 320725.1/35$

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 202.805 $\pm$ 0.129 χ^2 /NDF: 56860.3/17

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

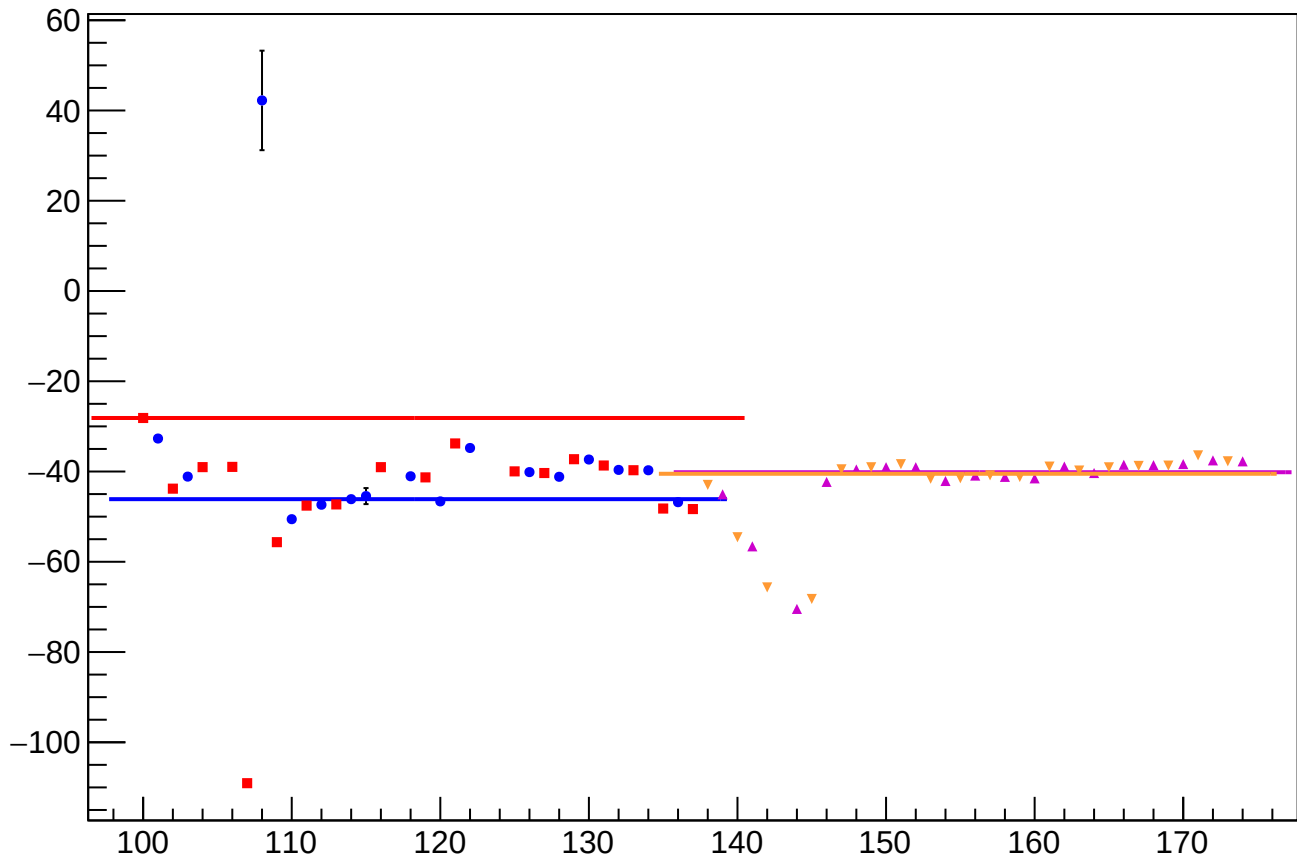
Left In: 197.871 $\pm$ 0.121 χ^2 /NDF: 100411.6/17

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 159513.9/33

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 481819.1/69

- sign 184.643 $\pm$ 0.103 χ^2 /NDF: 311742.6/35

dit_usl_11X12X_slope vs Slug



Right In: -46.126 $\pm$ 0.000 χ^2 /NDF: 201273.7/15

Left Out: -40.501 $\pm$ 0.007 χ^2 /NDF: 129436.5/17

Right Out: -28.139 $\pm$ 0.000 χ^2 /NDF: 746939.9/17

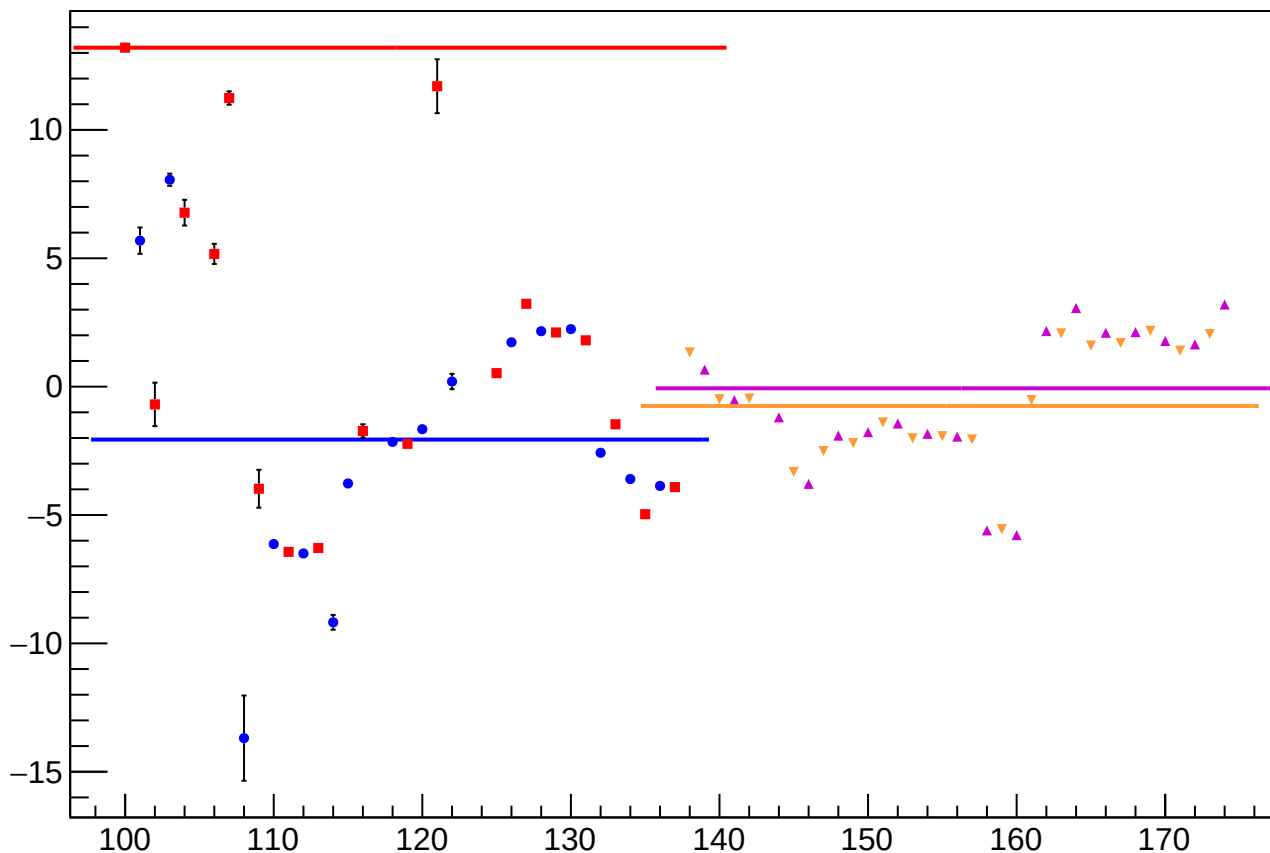
Left In: -40.158 $\pm$ 0.008 χ^2 /NDF: 191798.6/17

+ sign -46.126 $\pm$ 0.000 χ^2 /NDF: 947148.7/33

All: -39.778 $\pm$ 0.000 χ^2 /NDF: 248795993231

- sign -28.139 $\pm$ 0.000 χ^2 /NDF: 3309414.3/35

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -0.754 ± 0.007 χ^2/NDF : 109745.0/17

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

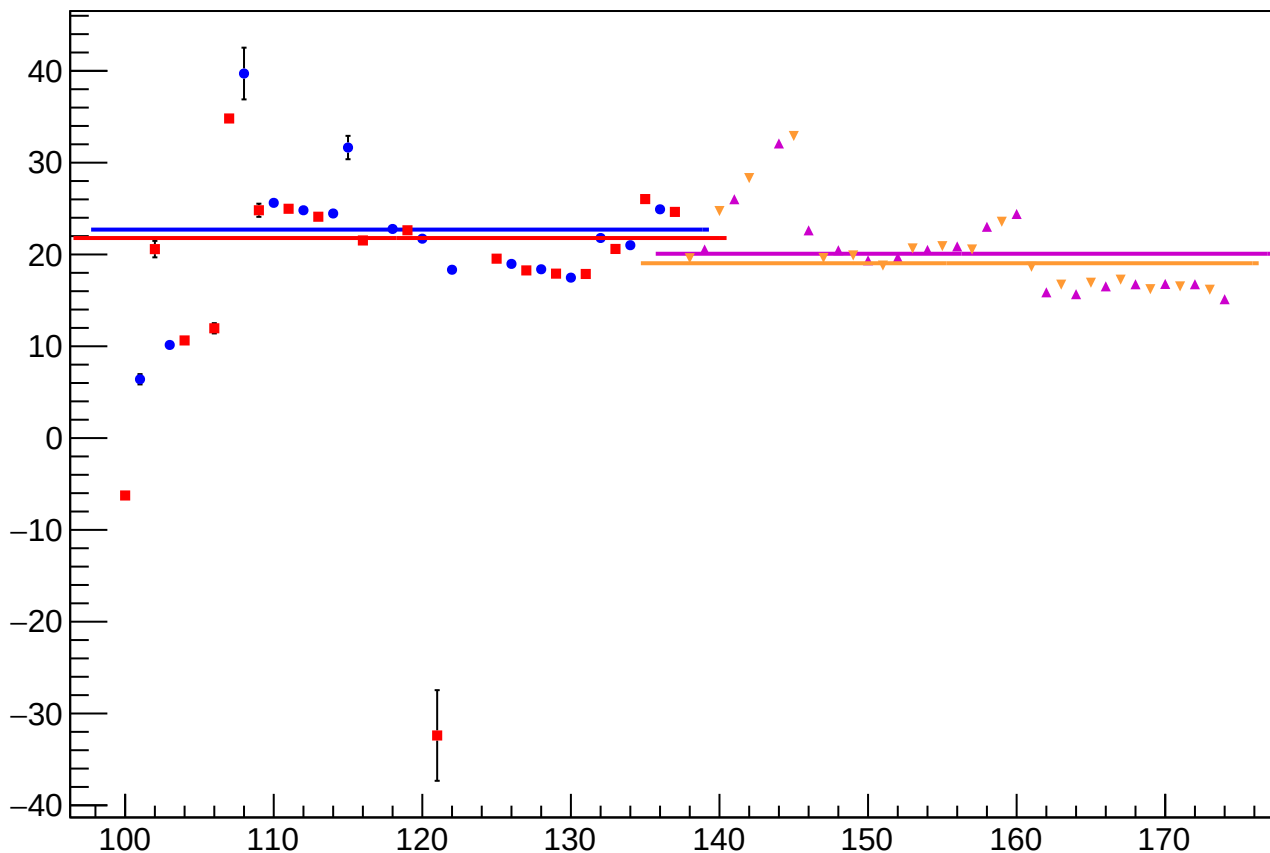
Left In: -0.064 ± 0.006 χ^2/NDF : 249713.6/17

+ sign -0.947 ± 0.007 χ^2/NDF : 139992.6/33

All: 13.204 ± 0.000 χ^2/NDF : 10814452.8/69

- sign 13.204 ± 0.000 χ^2/NDF : 6421149.9/35

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 19.045 $\pm$ 0.009 χ^2 /NDF: 85619.9/17

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

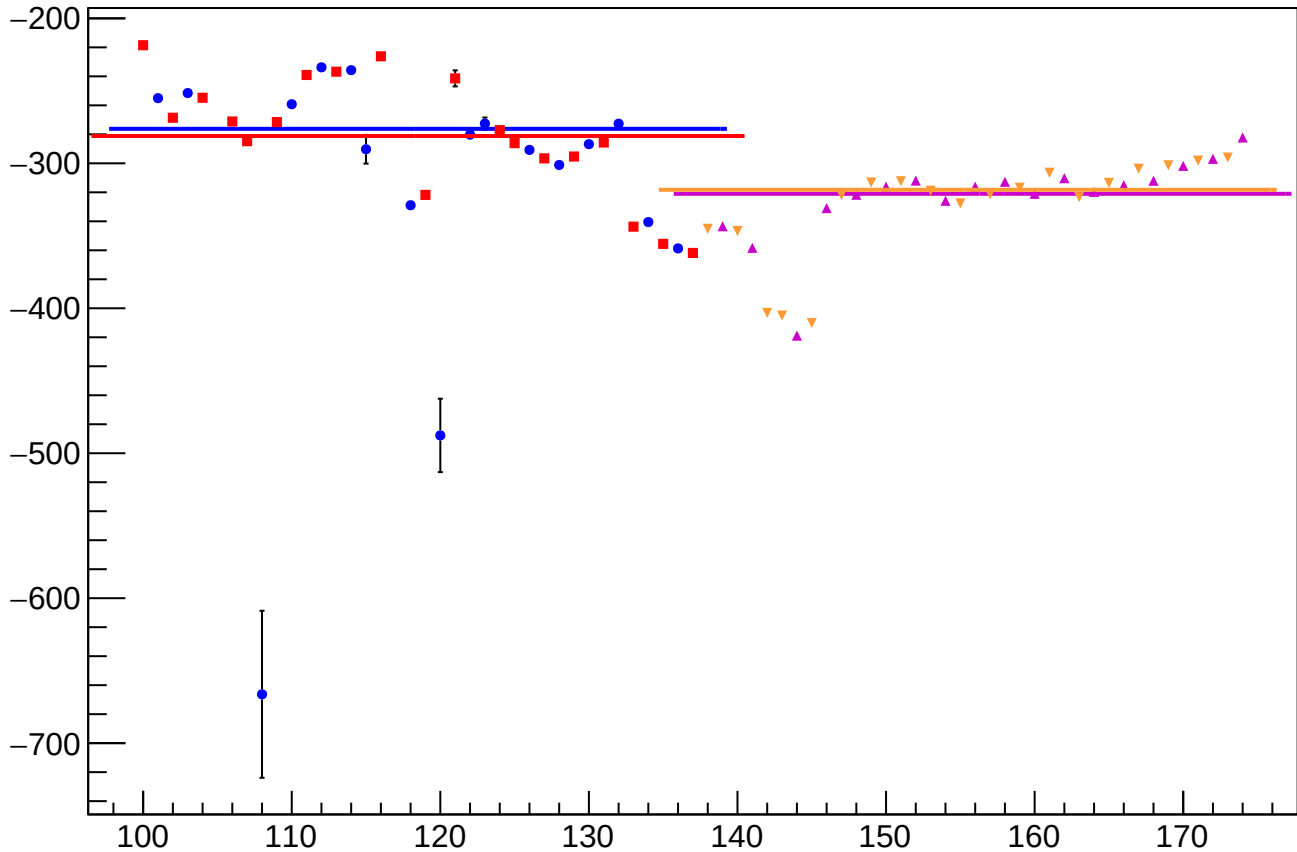
Left In: 20.079 $\pm$ 0.008 χ^2 /NDF: 135521.3/17

+ sign 19.685 $\pm$ 0.008 χ^2 /NDF: 139921.9/33

All: 20.001 $\pm$ 0.005 χ^2 /NDF: 310753.2/69

- sign 20.277 $\pm$ 0.007 χ^2 /NDF: 167783.6/35

dit_usr_4aX_slope vs Slug



Right In: -276.201+/-0.167 χ^2/NDF : 58107.7/16

Left Out: -318.255+/-0.111 χ^2/NDF : 44469.8/18

Right Out: -281.150+/-0.148 χ^2/NDF : 77611.5/18

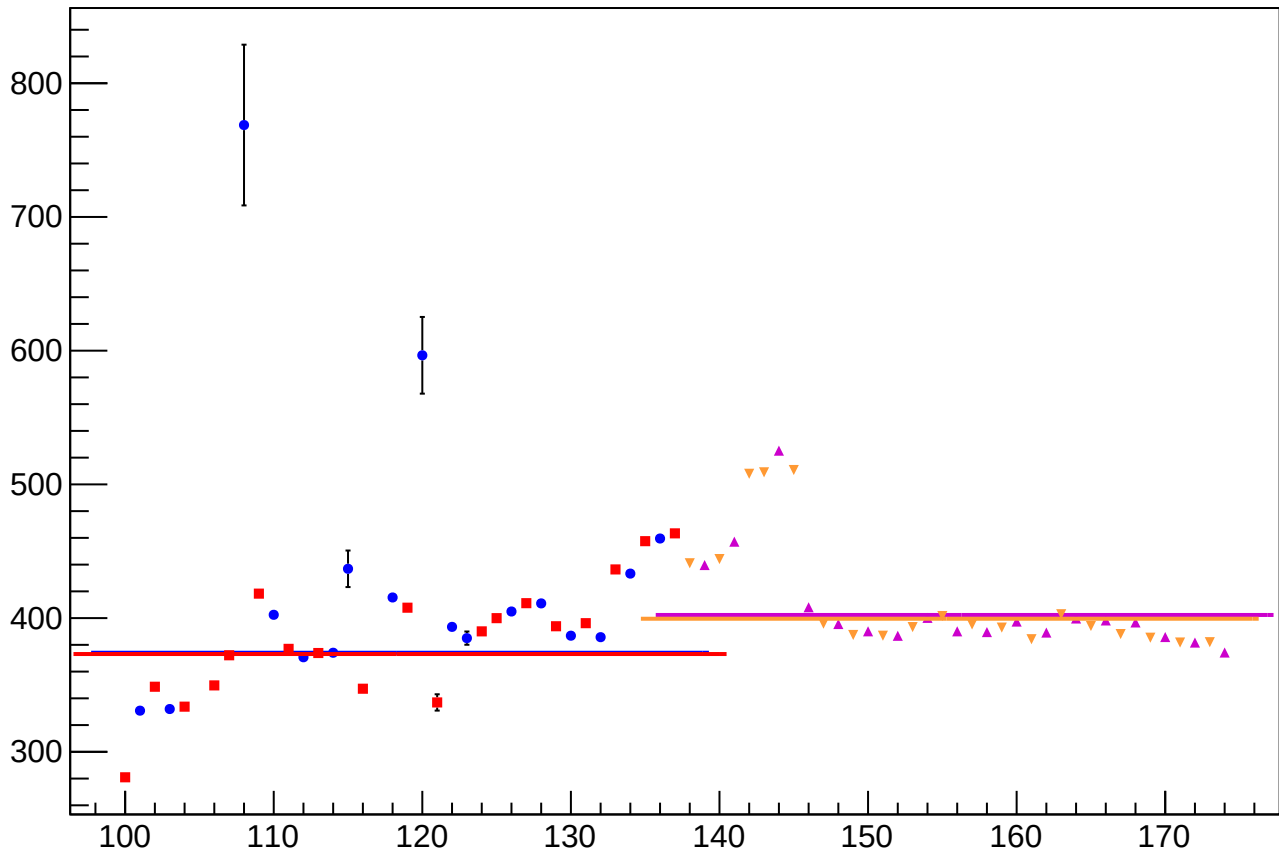
Left In: -321.031+/-0.104 χ^2/NDF : 54448.6/17

+ sign -305.319+/-0.092 χ^2/NDF : 146712.9/35

All: -306.676+/-0.063 χ^2/NDF : 328031.2/72

- sign -307.823+/-0.085 χ^2/NDF : 180919.7/36

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 399.527 $\pm$ 0.113 χ^2 /NDF: 61330.3/18

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

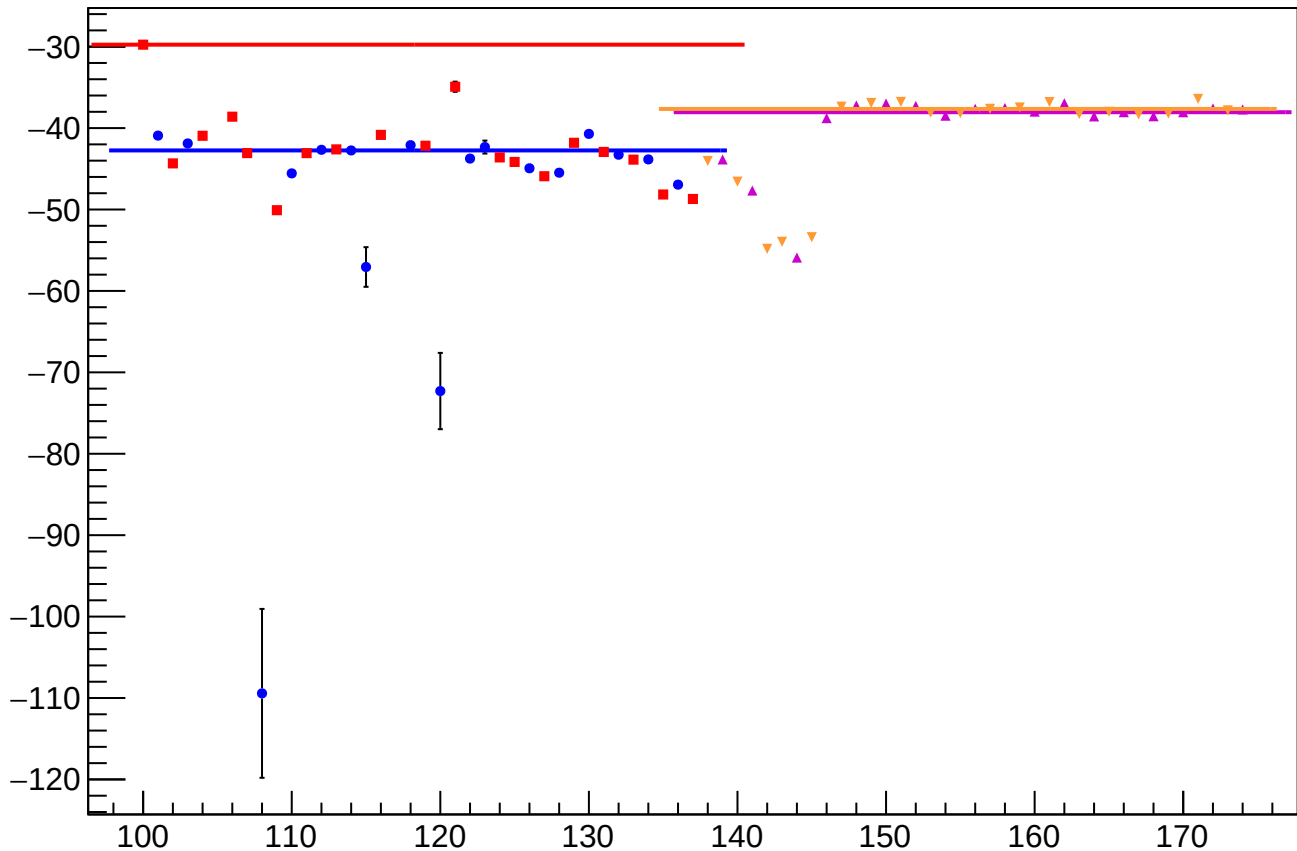
Left In: 402.347 $\pm$ 0.106 χ^2 /NDF: 71695.8/17

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 147452.4/35

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 399005.0/72

- sign 393.324 $\pm$ 0.088 χ^2 /NDF: 203557.4/36

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -37.648 $\pm$ 0.004 χ^2 /NDF: 261926.9/18

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 483930.3/18

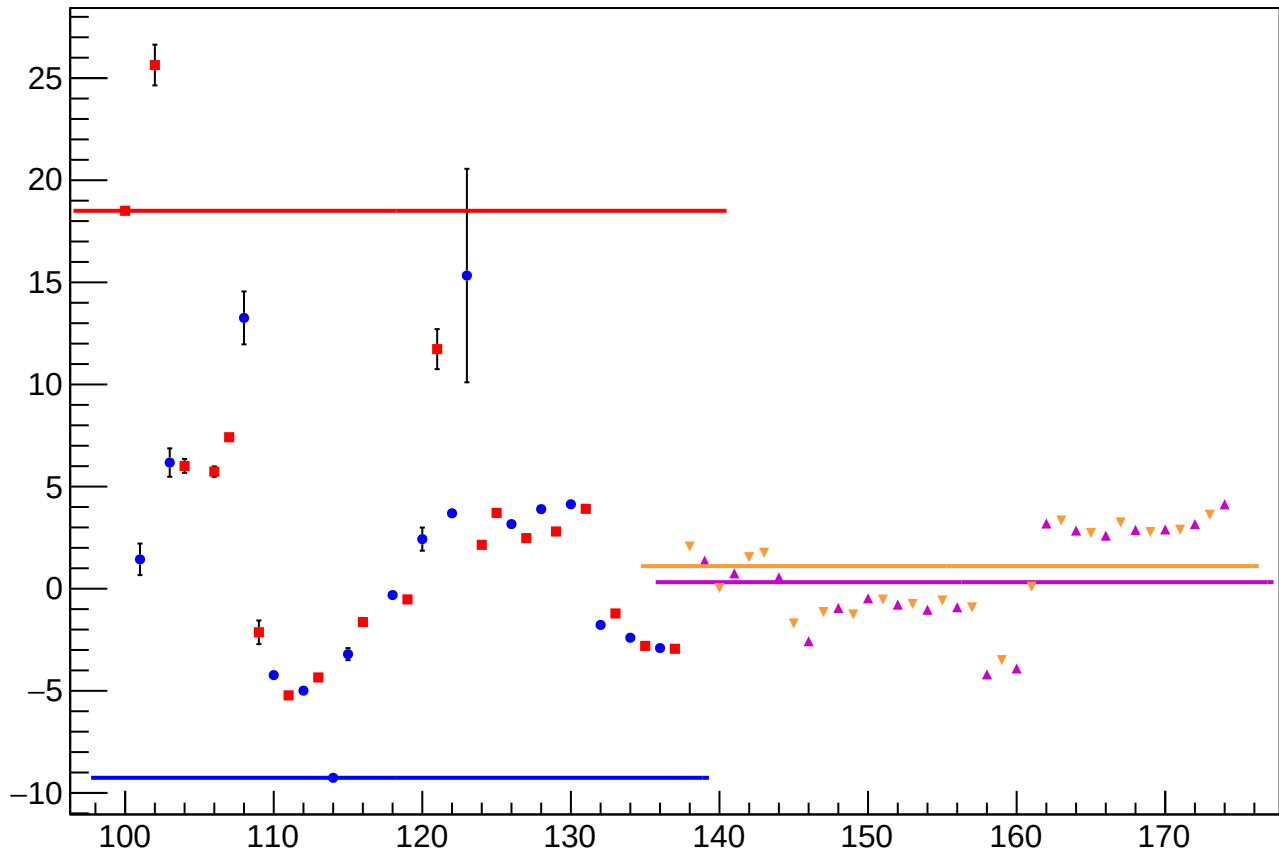
Left In: -38.049 $\pm$ 0.005 χ^2 /NDF: 149670.2/17

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 1701563.8/35

All: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680

- sign -29.754 $\pm$ 0.000 χ^2 /NDF: 4026716.6/36

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Left Out: 1.107 ± 0.006 χ^2/NDF : 153520.4/18

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

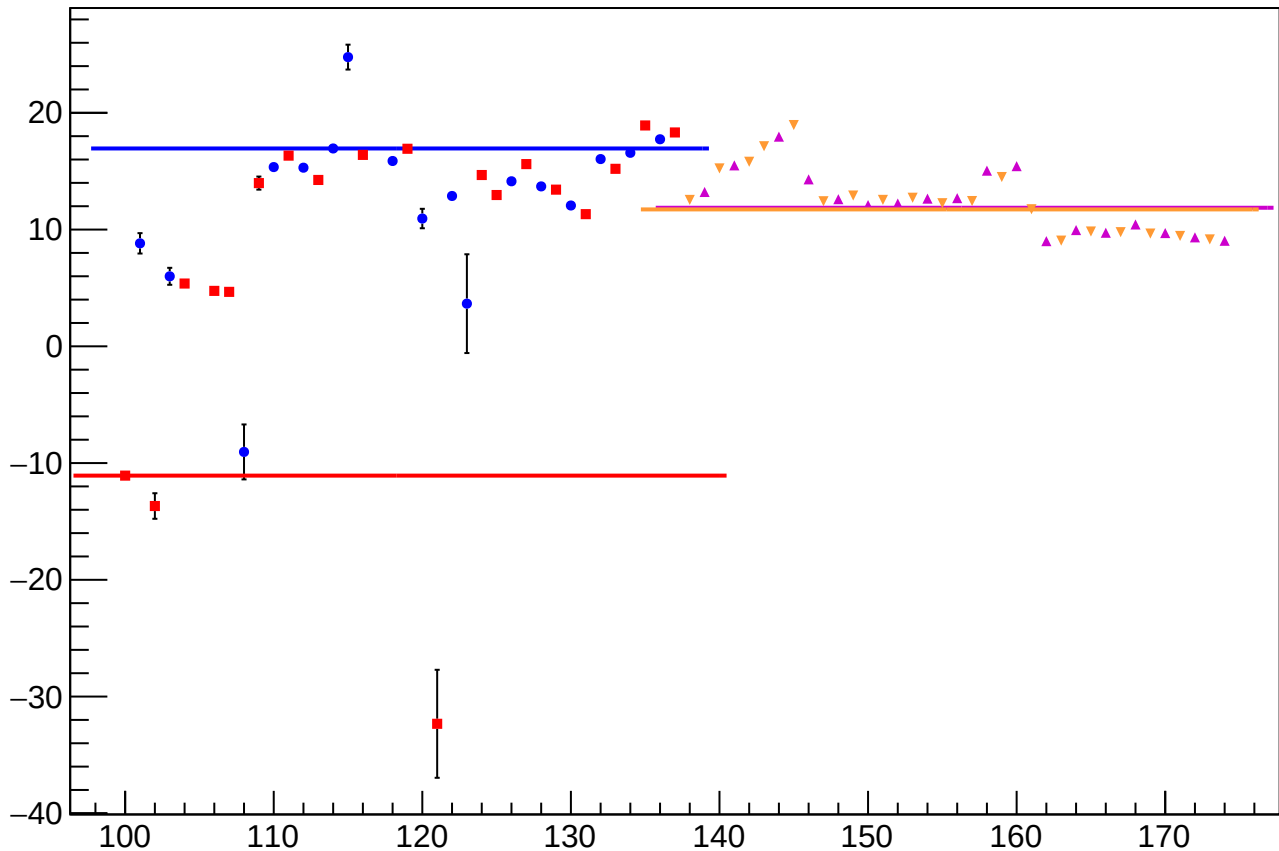
Left In: 0.320 ± 0.006 χ^2/NDF : 163435.4/17

+ sign -9.259 ± 0.000 χ^2/NDF : 3854085.1/35

All: 6.039 ± 0.000 χ^2/NDF : 1645057450595

- sign 18.504 ± 0.000 χ^2/NDF : 16166458.0/36

dit_usr_4eY_slope vs Slug



Right In: 16.947 ± 0.000 χ^2/NDF : 11231.8/16

Left Out: 11.727 ± 0.008 χ^2/NDF : 69414.8/18

Right Out: -11.075 ± 0.000 χ^2/NDF : 2712010.0/18

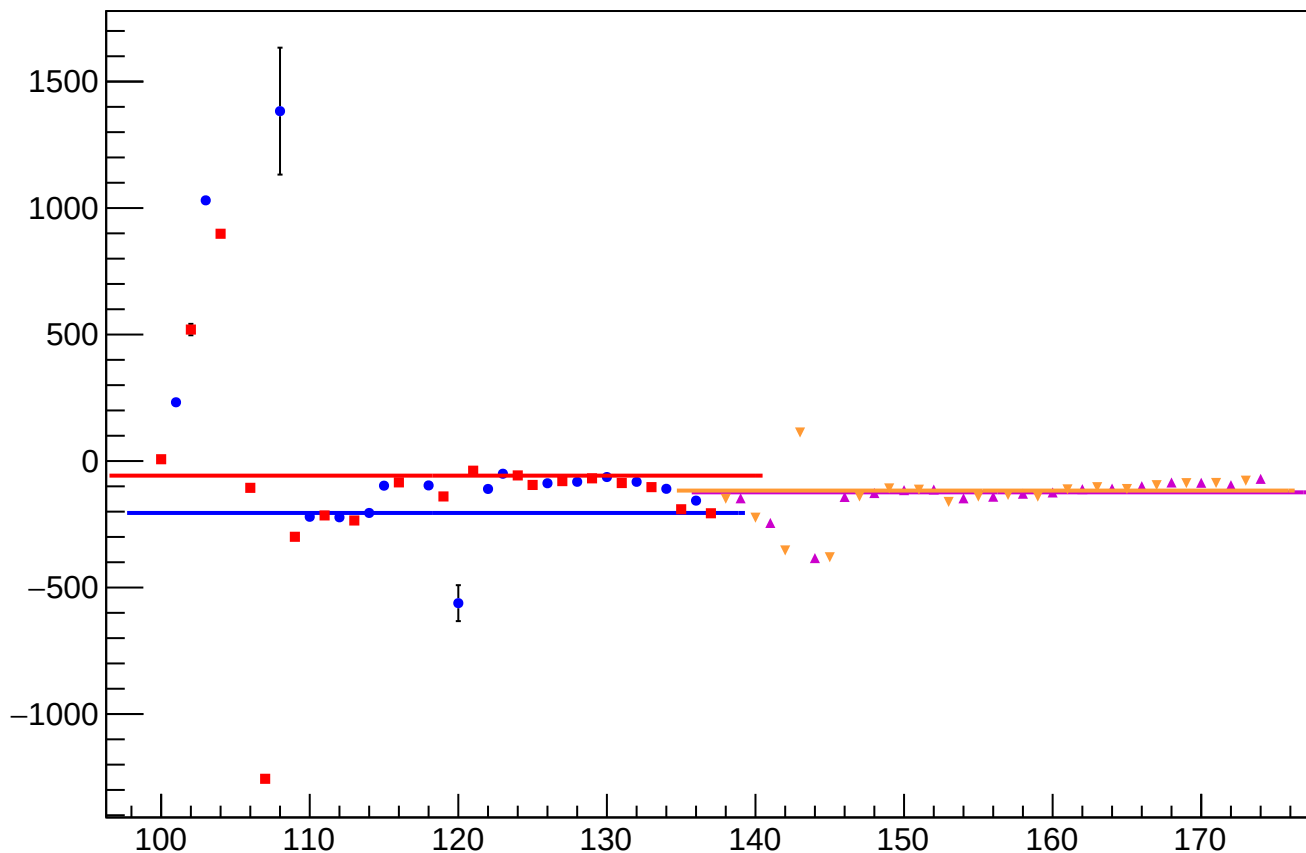
Left In: 11.869 ± 0.009 χ^2/NDF : 65135.7/17

+ sign 16.947 ± 0.000 χ^2/NDF : 536072.6/35

All: -2.268 ± 0.000 χ^2/NDF : 4692527454635

- sign -11.075 ± 0.000 χ^2/NDF : 10042819.0/36

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -116.743+/-0.210 χ^2/NDF : 54464.7/18

Right Out: -57.684+/-0.283 χ^2/NDF : 114854.9/18

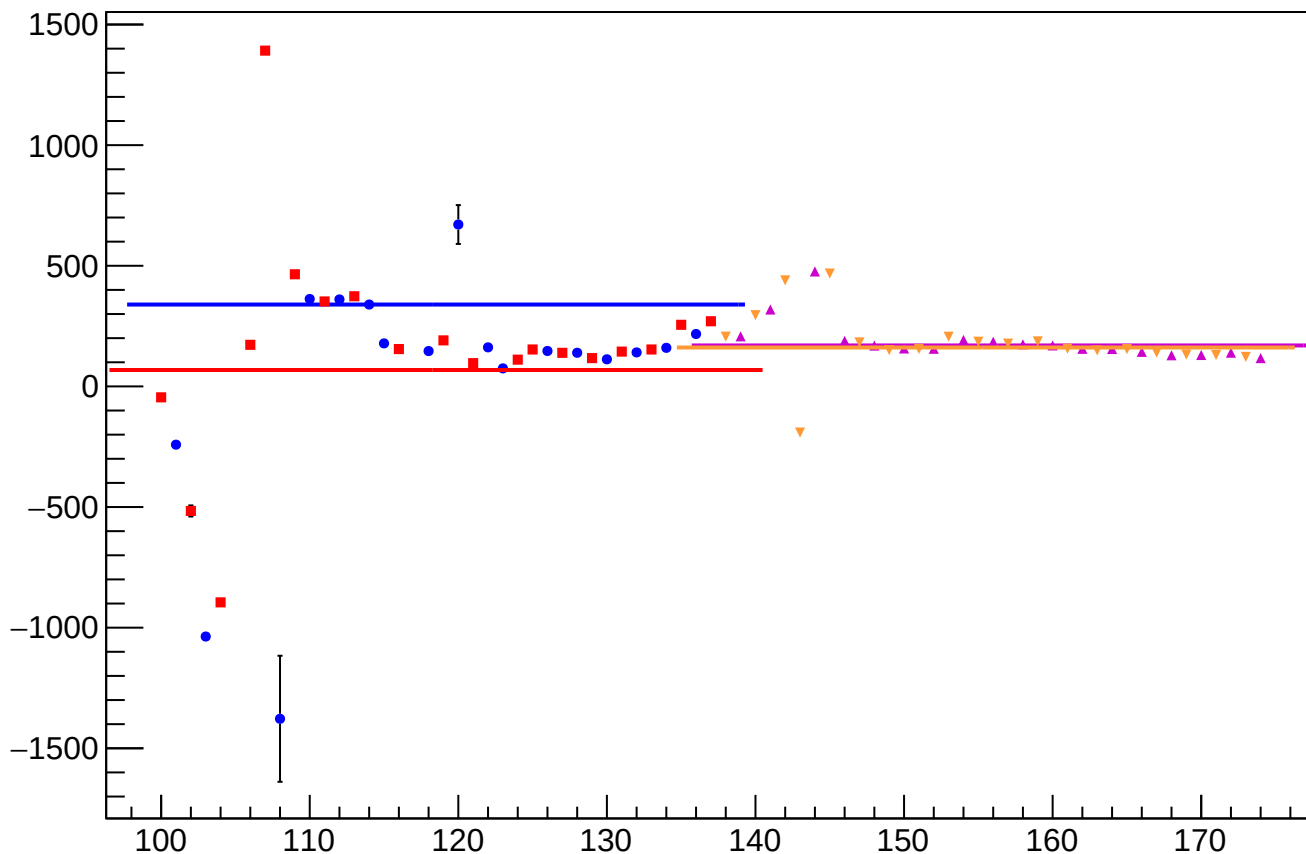
Left In: -123.712+/-0.241 χ^2/NDF : 59601.7/17

+ sign -205.160+/-0.000 χ^2/NDF : 814961.8/35

All: -205.160+/-0.000 χ^2/NDF : 1374398.5/72

- sign -95.979+/-0.184 χ^2/NDF : 205950.1/36

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 161.251+/-0.214 χ^2/NDF : 88814.3/18

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

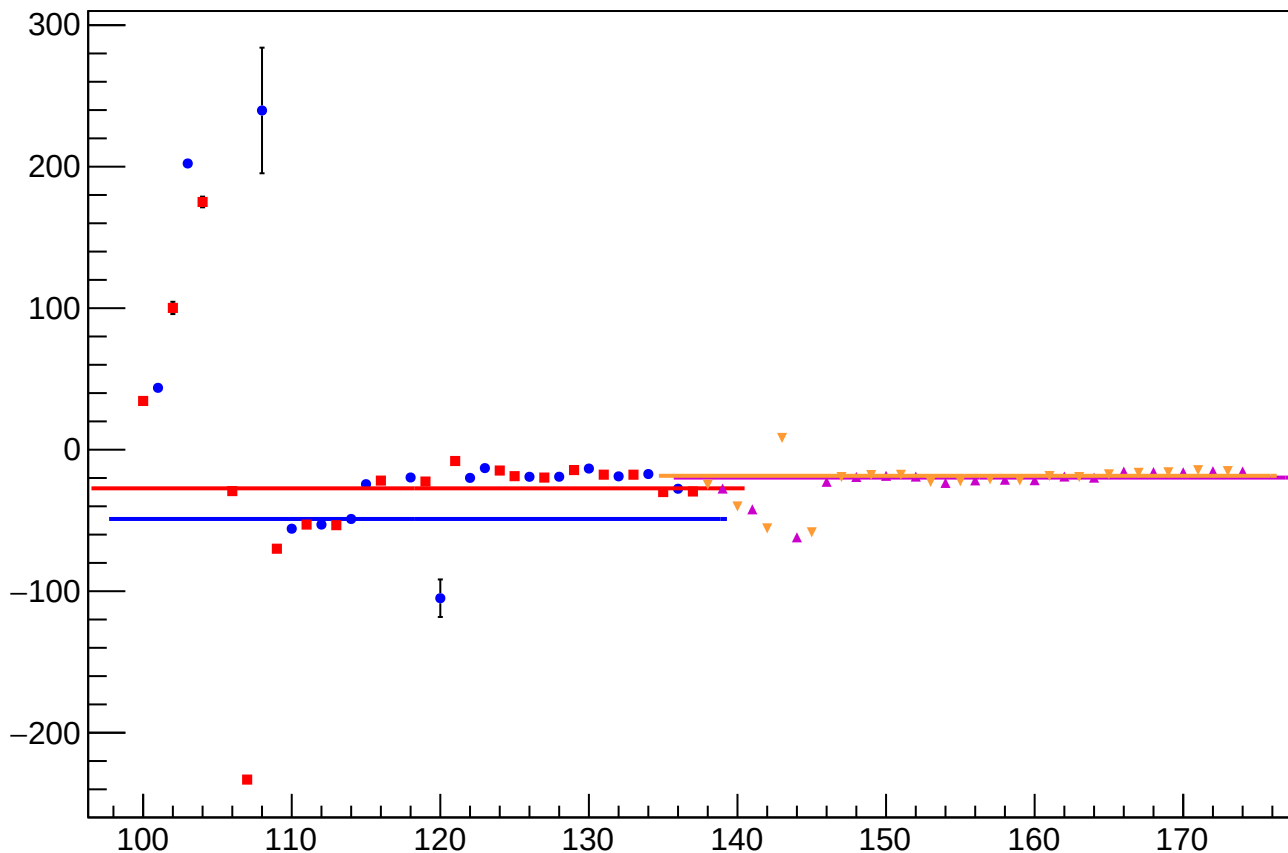
Left In: 169.776+/-0.246 χ^2/NDF : 65139.0/17

+ sign 339.325+/-0.000 χ^2/NDF : 1809776.9/35

All: 339.325+/-0.000 χ^2/NDF : 3520454.1/72

- sign 126.459+/-0.187 χ^2/NDF : 410121.7/36

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 $\pm$ 0.000 χ^2 /NDF: 5408370.4/16

Left Out: -18.437 $\pm$ 0.011 χ^2 /NDF: 585334.1/18

Right Out: -27.303 $\pm$ 0.052 χ^2 /NDF: 167879.9/18

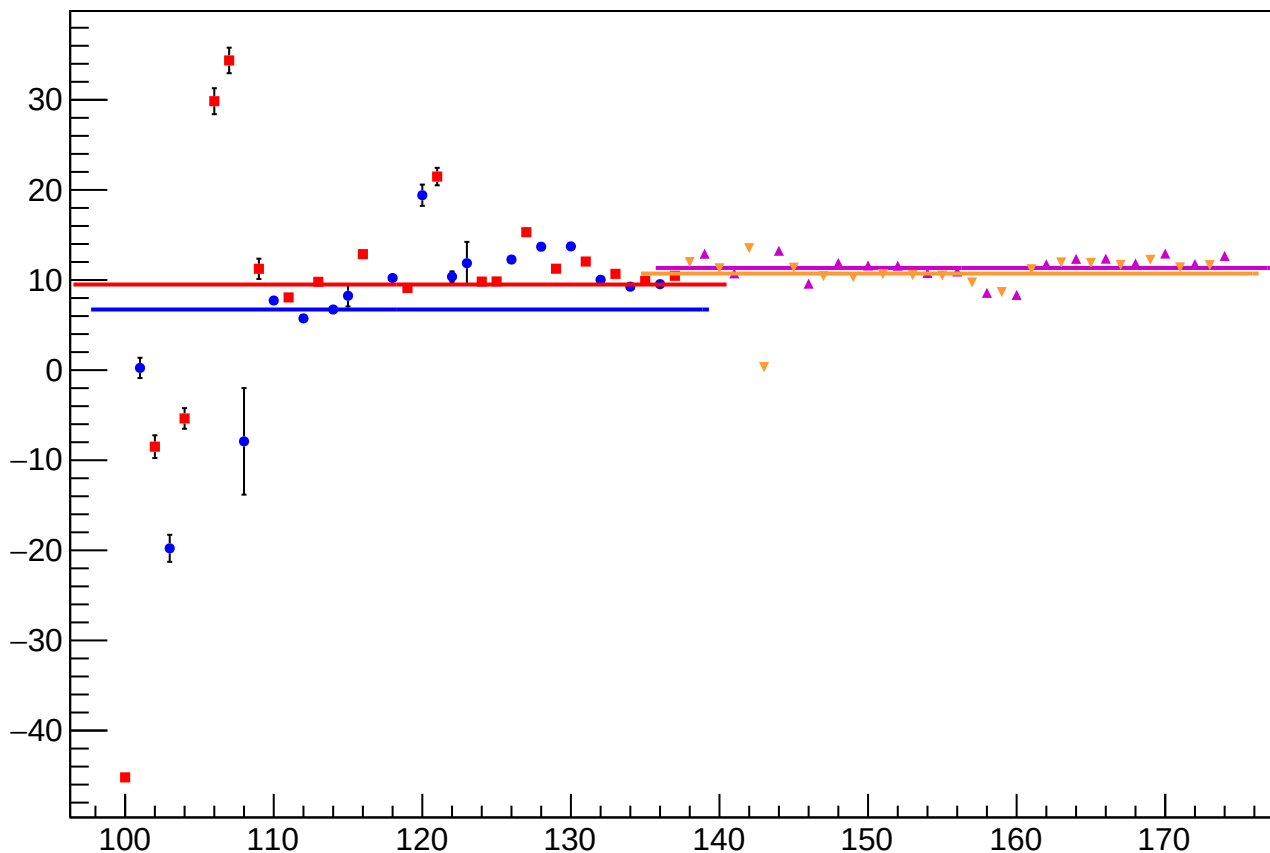
Left In: -19.709 $\pm$ 0.014 χ^2 /NDF: 165687.0/17

+ sign -48.945 $\pm$ 0.000 χ^2 /NDF: 13122104.2/35

All: -48.945 $\pm$ 0.000 χ^2 /NDF: 17955012.1/72

- sign -20.232 $\pm$ 0.014 χ^2 /NDF: 353660.8/36

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 10.720 ± 0.014 χ^2/NDF : 25840.4/18

Right Out: 9.502 ± 0.036 χ^2/NDF : 26822.1/18

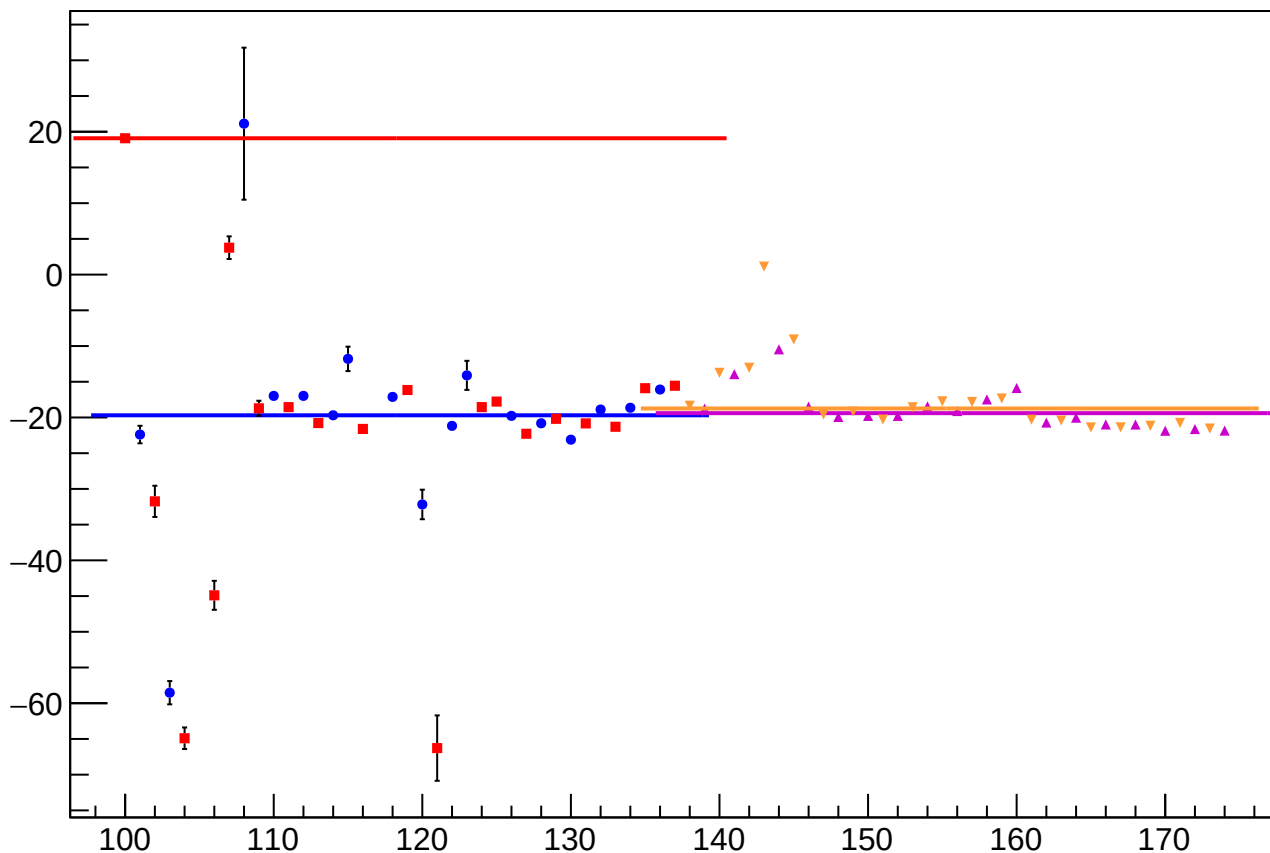
Left In: 11.339 ± 0.012 χ^2/NDF : 13011.3/17

+ sign 6.728 ± 0.000 χ^2/NDF : 115492.2/35

All: 6.728 ± 0.000 χ^2/NDF : 310542.2/72

- sign 11.153 ± 0.011 χ^2/NDF : 42224.6/36

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -18.738 ± 0.017 χ^2/NDF : 49651.9/18

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

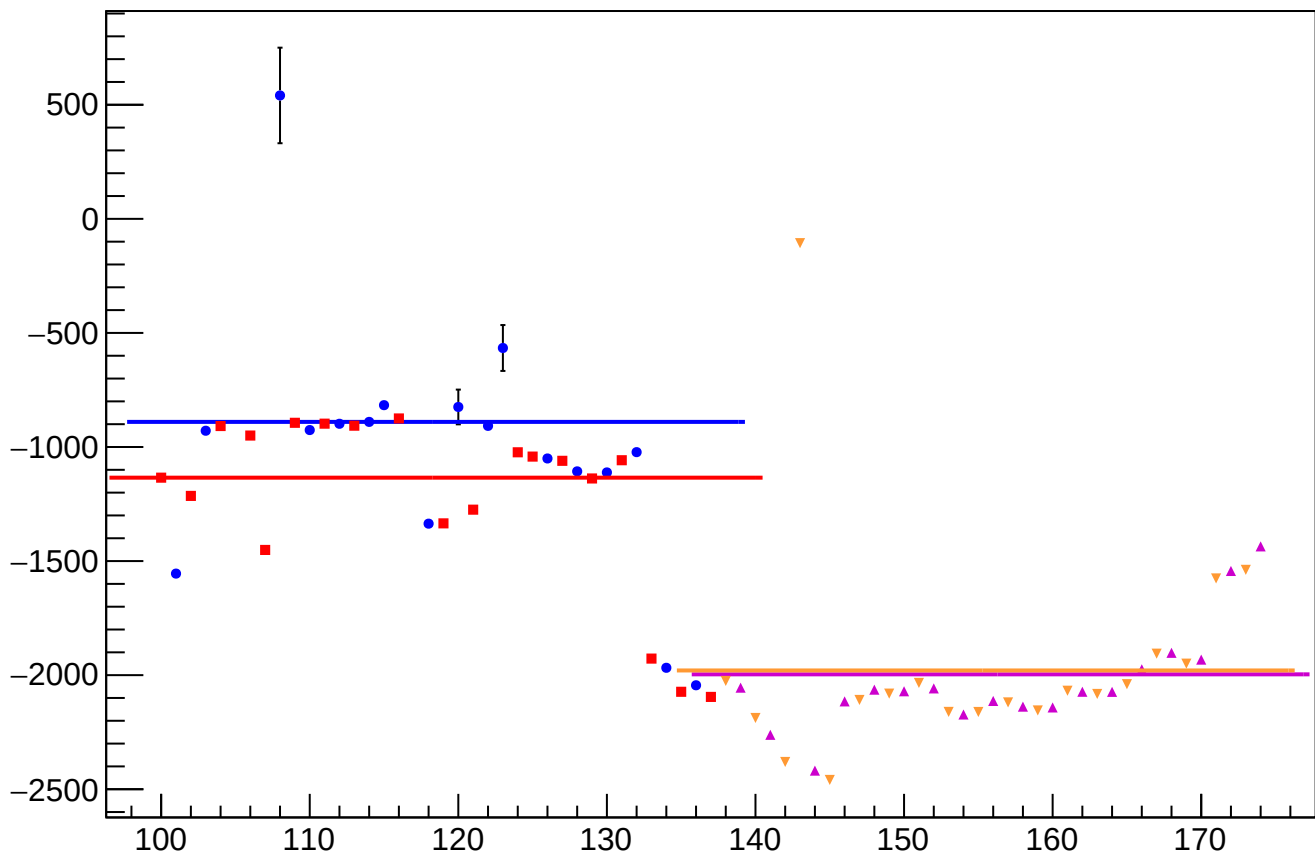
Left In: -19.395 ± 0.017 χ^2/NDF : 15250.7/17

+ sign -19.693 ± 0.000 χ^2/NDF : 60379.0/35

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- sign 19.086 ± 0.000 χ^2/NDF : 5956169.7/36

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -1979.428+/-0.391 χ^2/NDF : 514707.4/18

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

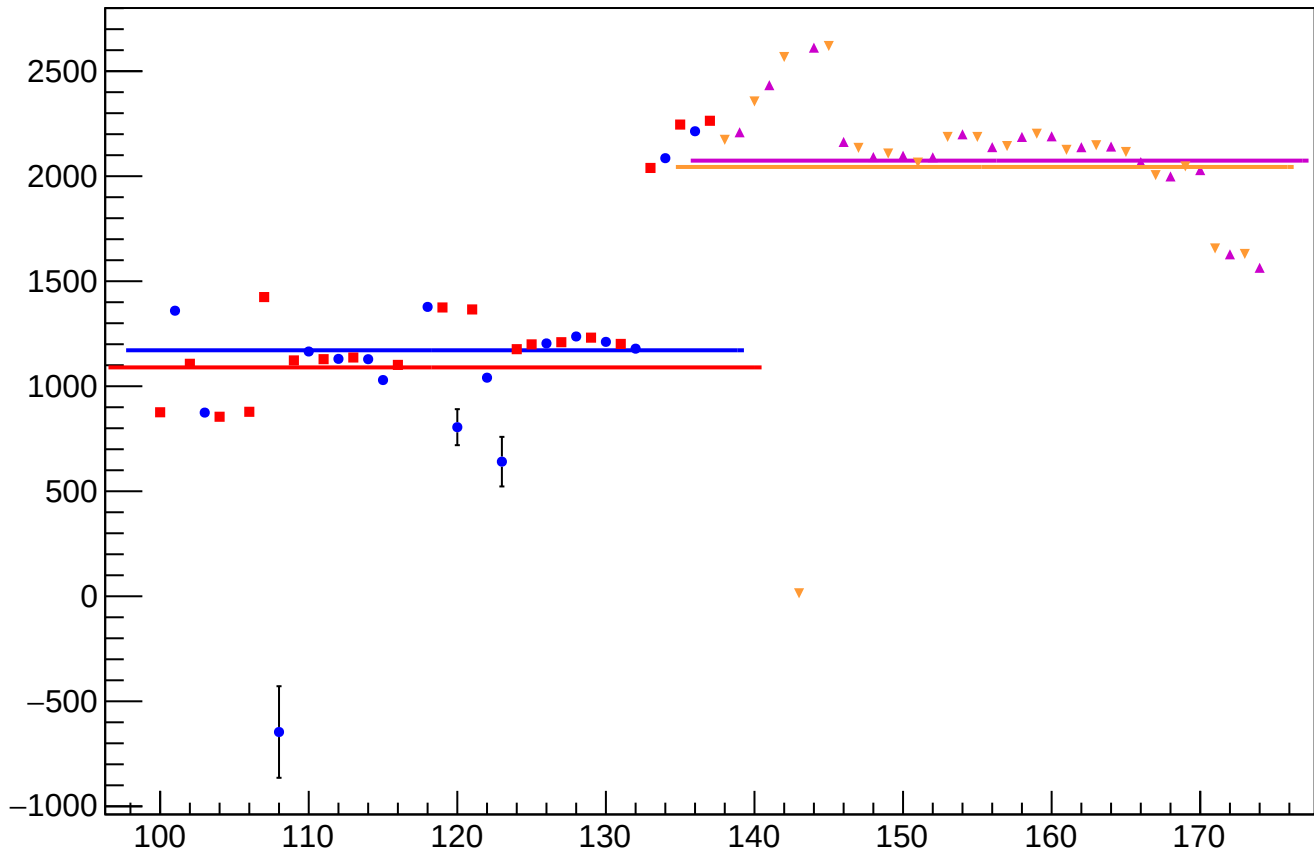
Left In: -1996.473+/-0.403 χ^2/NDF : 374284.6/17

+ sign -889.928+/-0.000 χ^2/NDF : 9065402.4/35

All: -976.220+/-0.000 χ^2/NDF : 44889787387

- sign -1134.421+/-0.000 χ^2/NDF : 5680163.9/36

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2043.938 $\pm$ 0.391 χ^2 /NDF: 510888.2/18

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

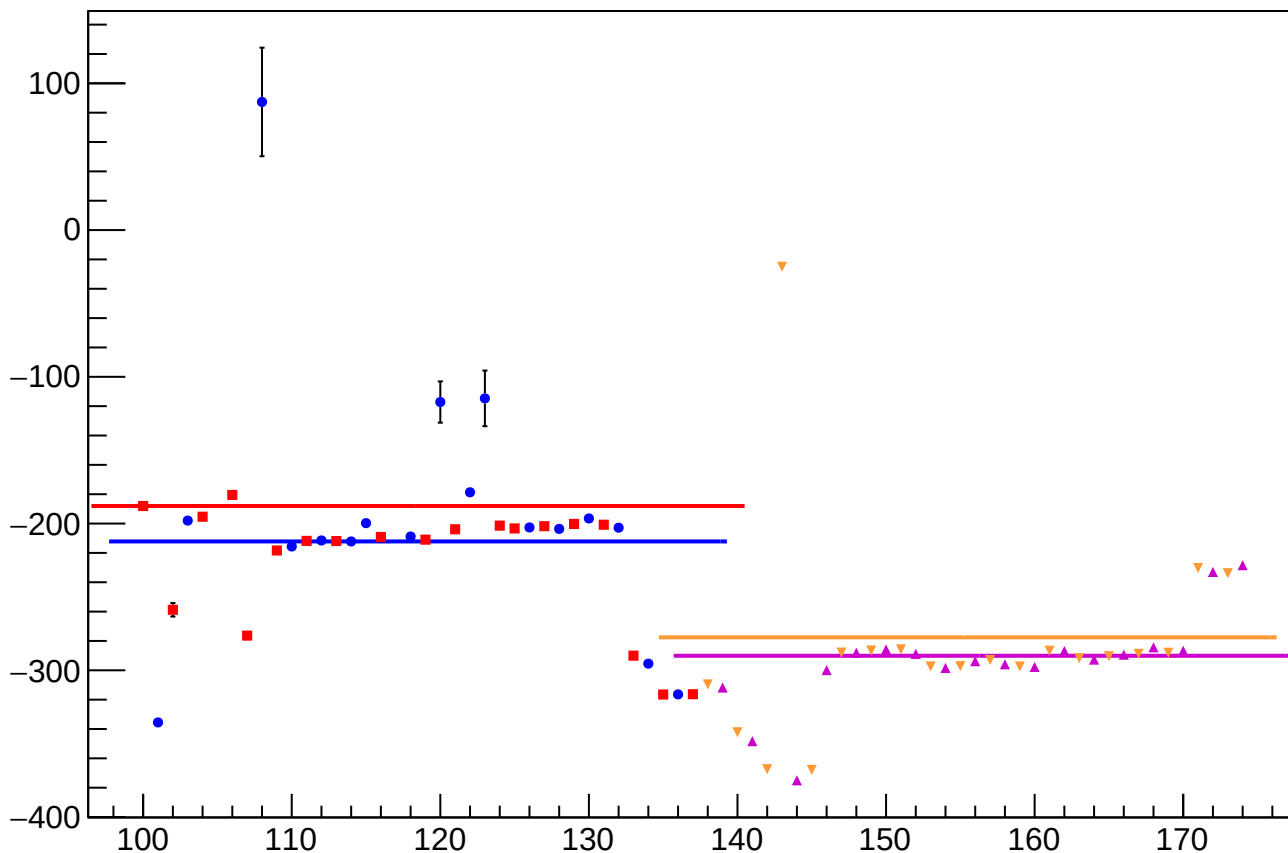
Left In: 2074.134 $\pm$ 0.408 χ^2 /NDF: 318392.5/17

+ sign 1417.825 $\pm$ 0.208 χ^2 /NDF: 4595031.0/35

All: 1391.837 $\pm$ 0.150 χ^2 /NDF: 10249215.8/7

- sign 1363.955 $\pm$ 0.215 χ^2 /NDF: 5621772.4/36

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -277.549 ± 0.024 $\chi^2/\text{NDF}: 6058608.6/18$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

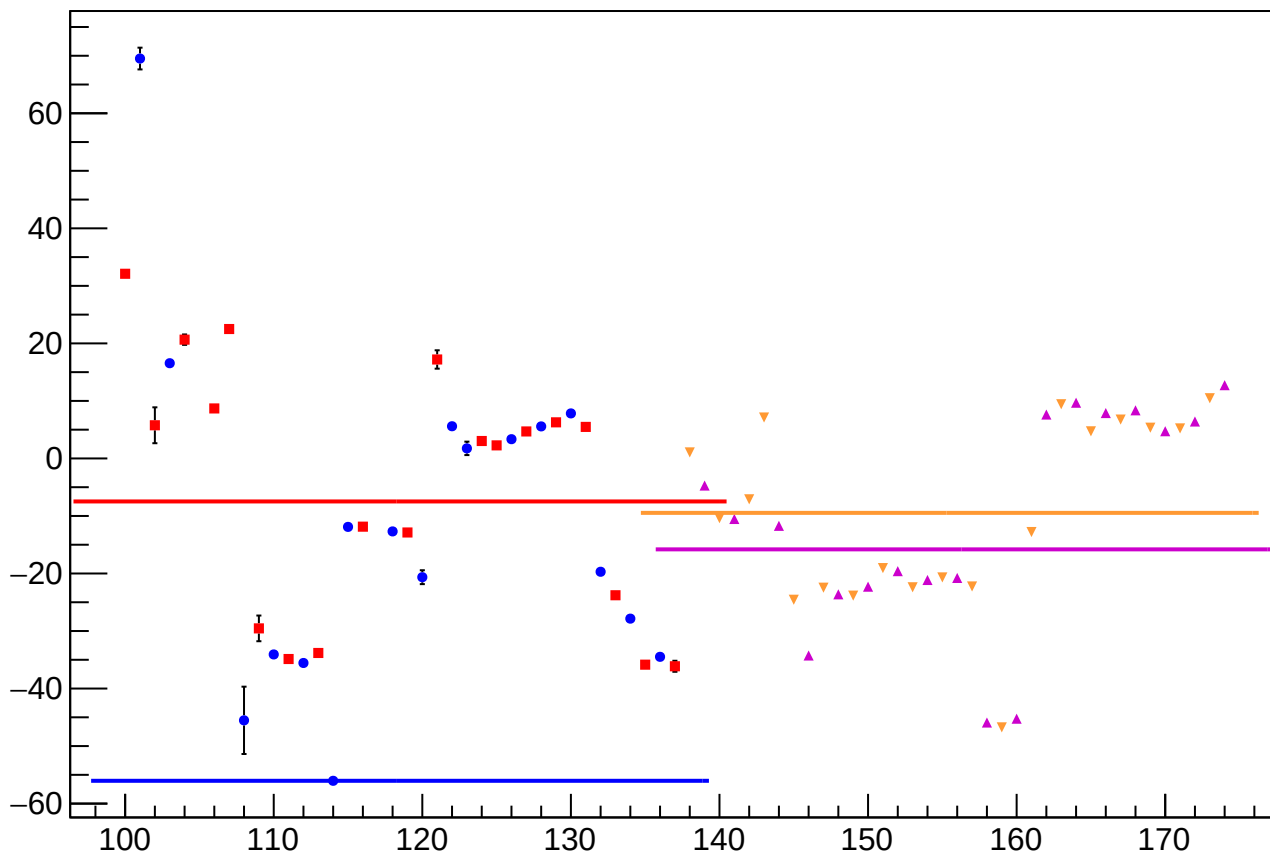
Left In: -290.099 ± 0.023 $\chi^2/\text{NDF}: 887456.3/17$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 14712003.1/35$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

- sign -188.033 ± 0.000 $\chi^2/\text{NDF}: 20467775.6/36$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 $\pm$ 0.000 χ^2 /NDF: 1585420.7/16

Left Out: -9.461 $\pm$ 0.020 χ^2 /NDF: 935688.0/18

Right Out: -7.476 $\pm$ 0.042 χ^2 /NDF: 173893.8/18

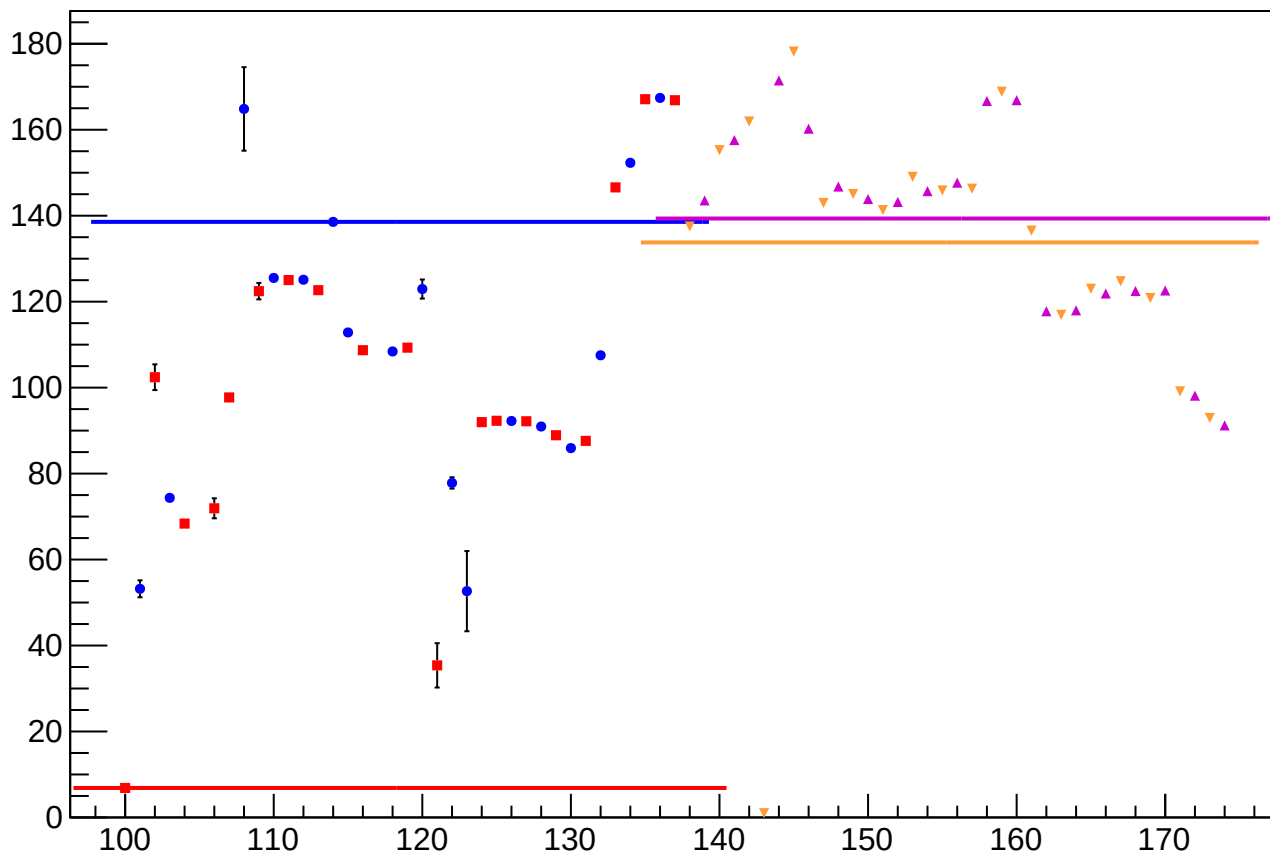
Left In: -15.806 $\pm$ 0.020 χ^2 /NDF: 1207709.6/17

+ sign -56.037 $\pm$ 0.000 χ^2 /NDF: 8049550.7/35

All: -56.037 $\pm$ 0.000 χ^2 /NDF: 14672878.9/72

- sign -14.236 $\pm$ 0.018 χ^2 /NDF: 1413255.6/36

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 133.782 $\pm$ 0.028 χ^2 /NDF: 775419.7/18

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

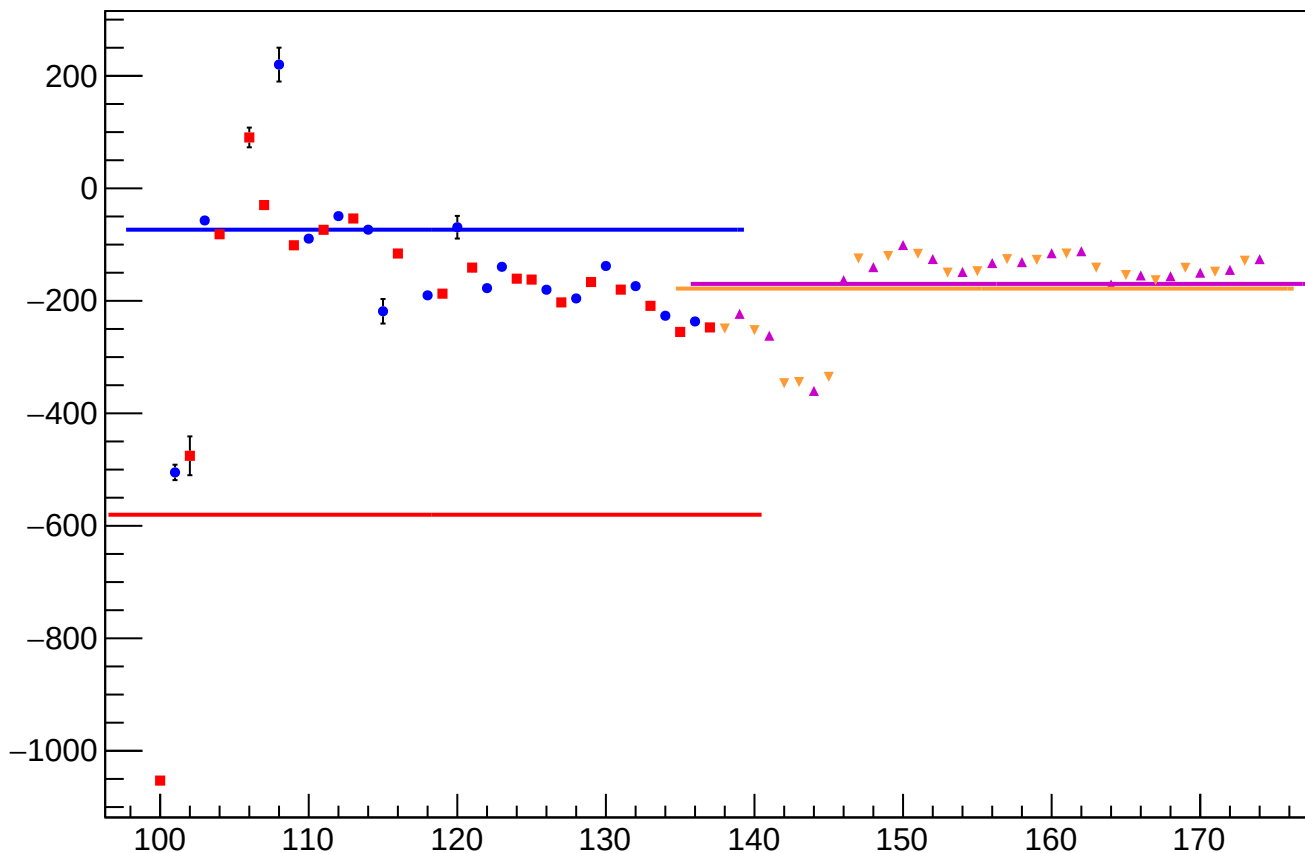
Left In: 139.343 $\pm$ 0.029 χ^2 /NDF: 498934.2/17

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 1706649.0/35

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

- sign 6.866 $\pm$ 0.000 χ^2 /NDF: 28888533.3/36

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -178.209 ± 0.262 $\chi^2/\text{NDF}: 71865.7/18$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

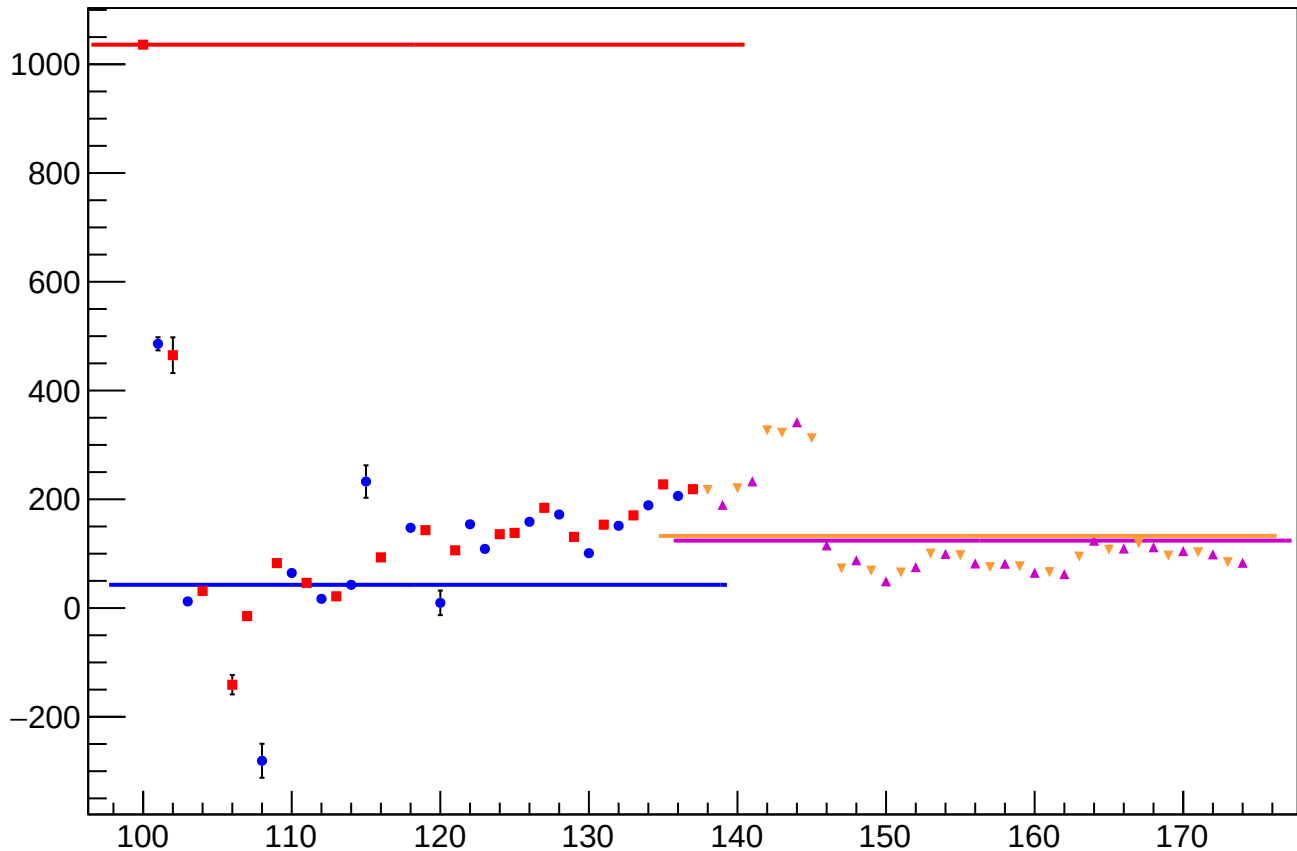
Left In: -169.867 ± 0.270 $\chi^2/\text{NDF}: 66533.6/17$

+ sign -73.485 ± 0.000 $\chi^2/\text{NDF}: 330236.1/35$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 7327554.1/72$

- sign -382.094 ± 0.188 $\chi^2/\text{NDF}: 4292545.2/36$

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 132.723+/-0.267 χ^2/NDF : 85888.1/18

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

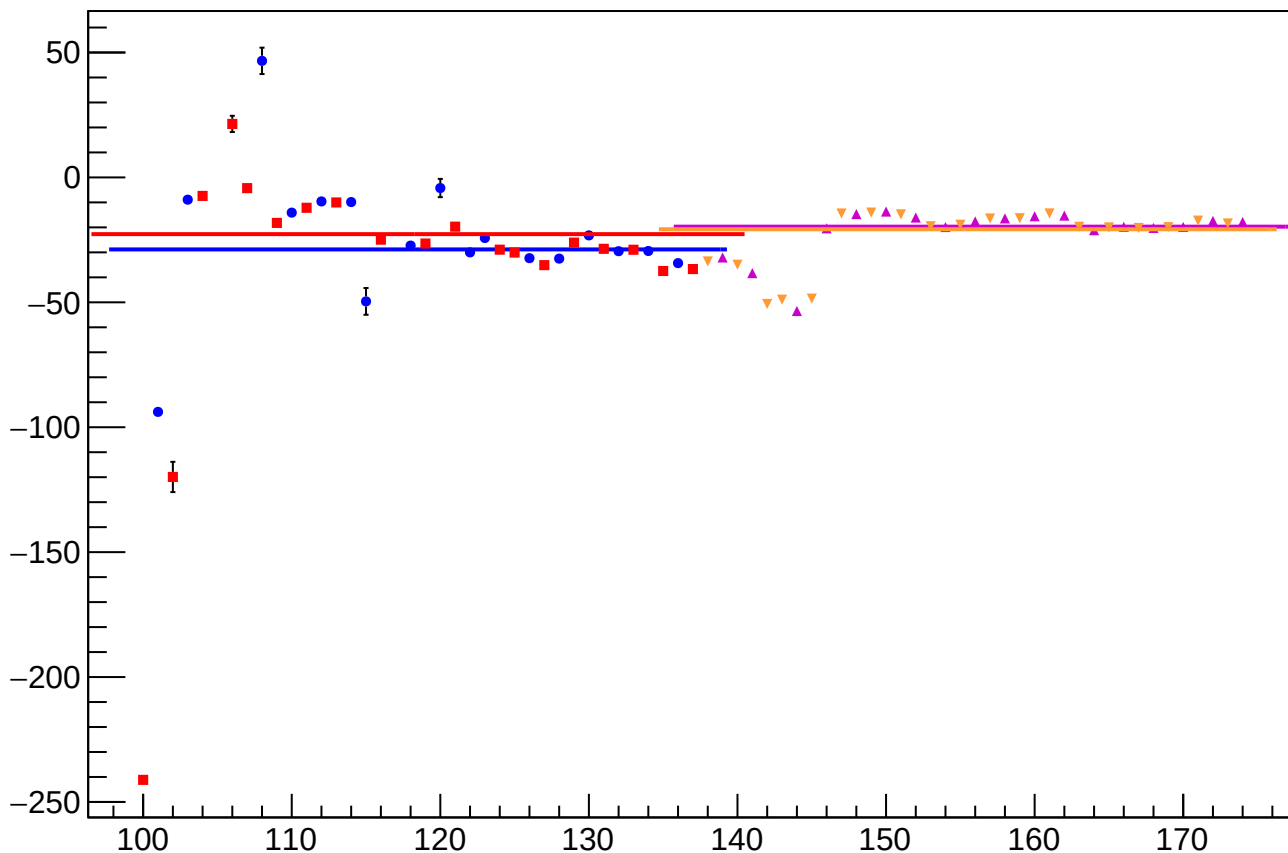
Left In: 124.072+/-0.277 χ^2/NDF : 74827.4/17

+ sign 42.743+/-0.000 χ^2/NDF : 284096.6/35

All: 43.272+/-0.000 χ^2/NDF : 1144517497260

- sign 1036.068+/-0.000 χ^2/NDF : 15859388.3/36

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -20.758 ± 0.014 χ^2/NDF : 350837.9/18

Right Out: -22.707 ± 0.038 χ^2/NDF : 410174.9/18

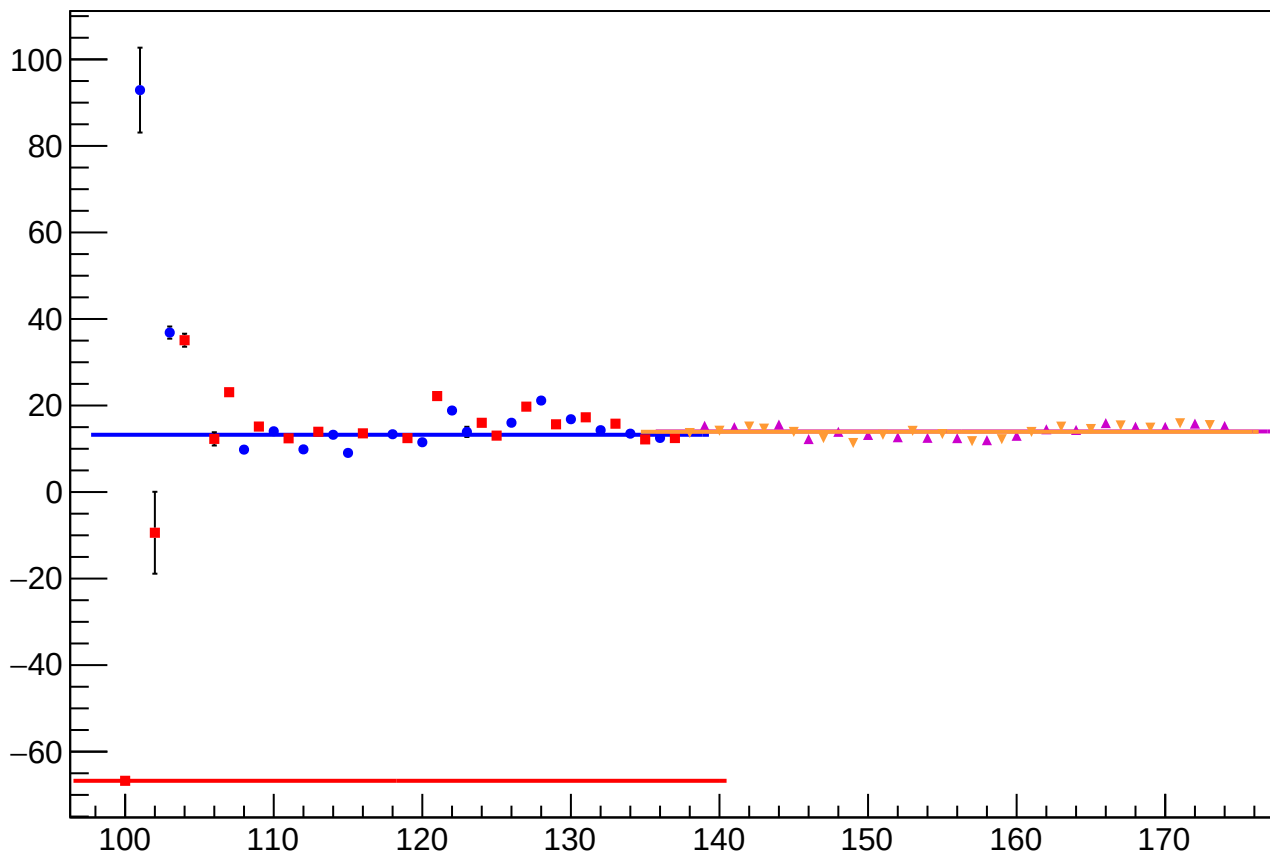
Left In: -19.711 ± 0.015 χ^2/NDF : 203301.9/17

+ sign -21.855 ± 0.013 χ^2/NDF : 446897.9/35

All: -21.085 ± 0.010 χ^2/NDF : 1073783.7/72

- sign -20.131 ± 0.014 χ^2/NDF : 618796.9/36

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2 /NDF: 5756.1/16

Left Out: 13.930+/-0.013 χ^2 /NDF:8336.2/18

Right Out: -66.739+/-0.000 χ^2 /NDF: 3023648.4/18

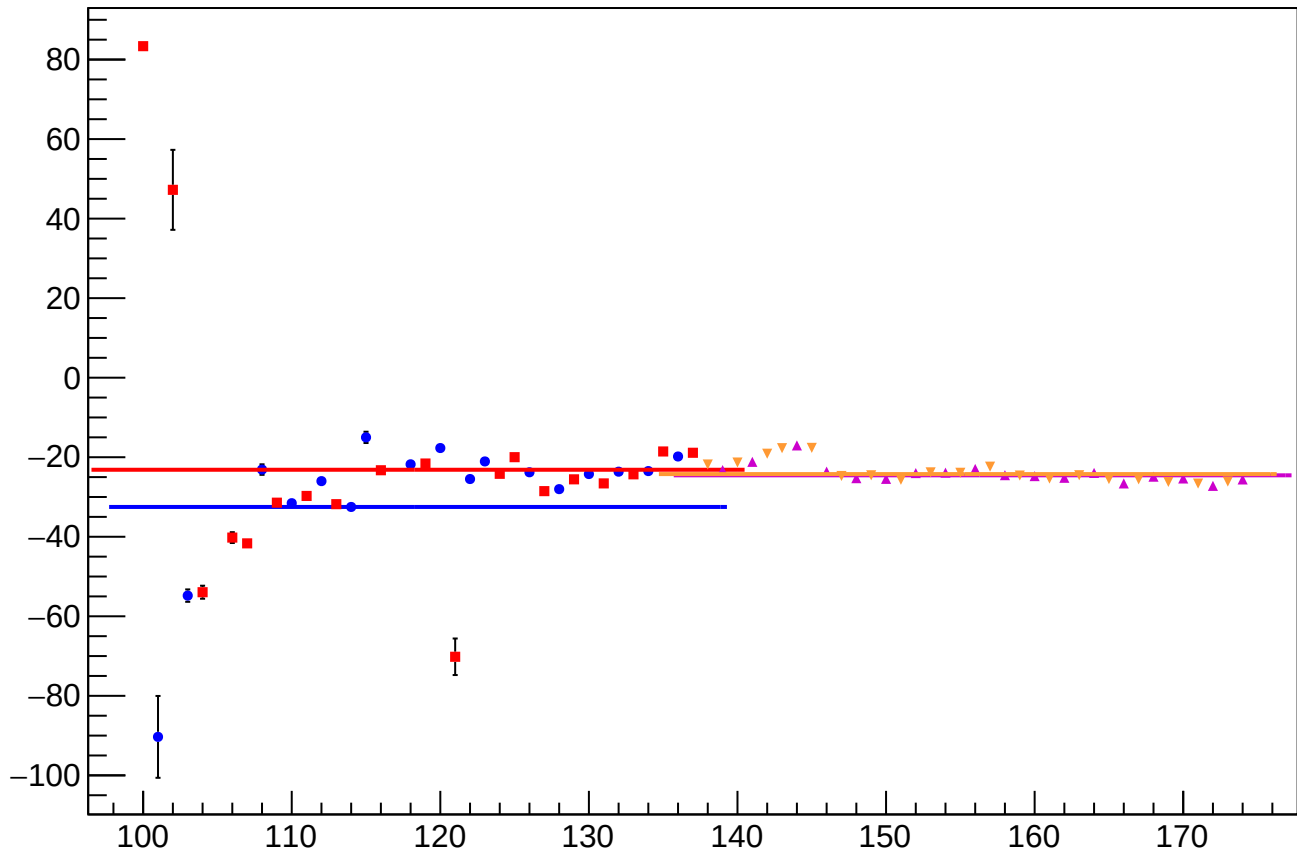
Left In: 14.005+/-0.014 χ^2 /NDF:8731.1/17

+ sign 13.238+/-0.000 χ^2 /NDF: 16837.2/35

All: 12.562+/-0.000 χ^2 /NDF: 1884310027651

- sign -66.739+/-0.000 χ^2 /NDF: 38206586.0/36

dit_atr1_4eY_slope vs Slug



Right In: -32.504 $\pm$ 0.000 χ^2 /NDF: 74187.4/16

Left Out: -24.241 $\pm$ 0.017 χ^2 /NDF:19001.5/18

Right Out: -23.151 $\pm$ 0.048 χ^2 /NDF: 90749.4/18

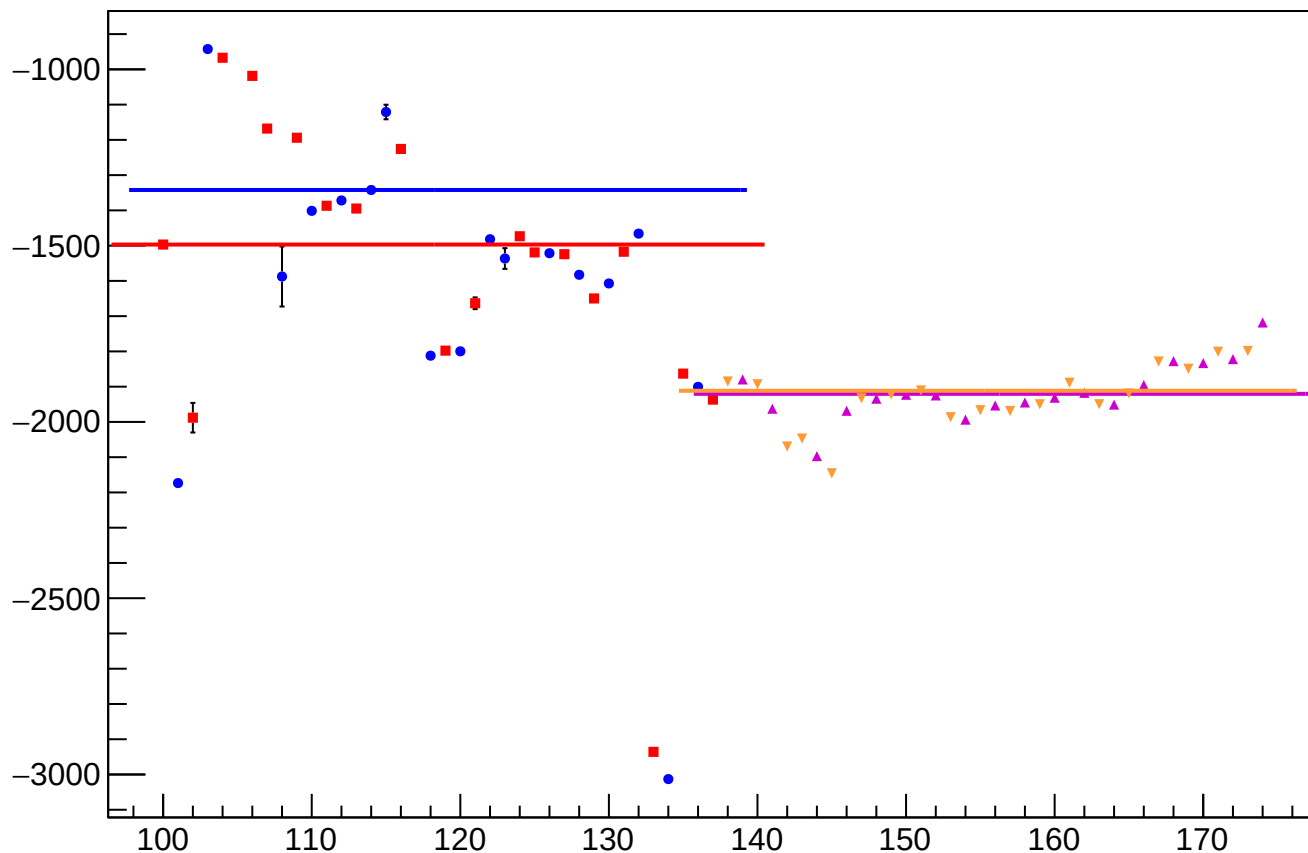
Left In: -24.551 $\pm$ 0.017 χ^2 /NDF:9803.4/17

+ sign -32.504 $\pm$ 0.000 χ^2 /NDF: 317963.8/35

All: -32.504 $\pm$ 0.000 χ^2 /NDF: 679677.7/72

- sign -24.395 $\pm$ 0.016 χ^2 /NDF: 101320.4/36

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 $\pm$ 0.000 χ^2 /NDF: 370901.4/16

Left Out: -1911.605 $\pm$ 0.346 χ^2 /NDF: 49771.8/18

Right Out: -1496.932 $\pm$ 0.000 χ^2 /NDF: 504712.5/18

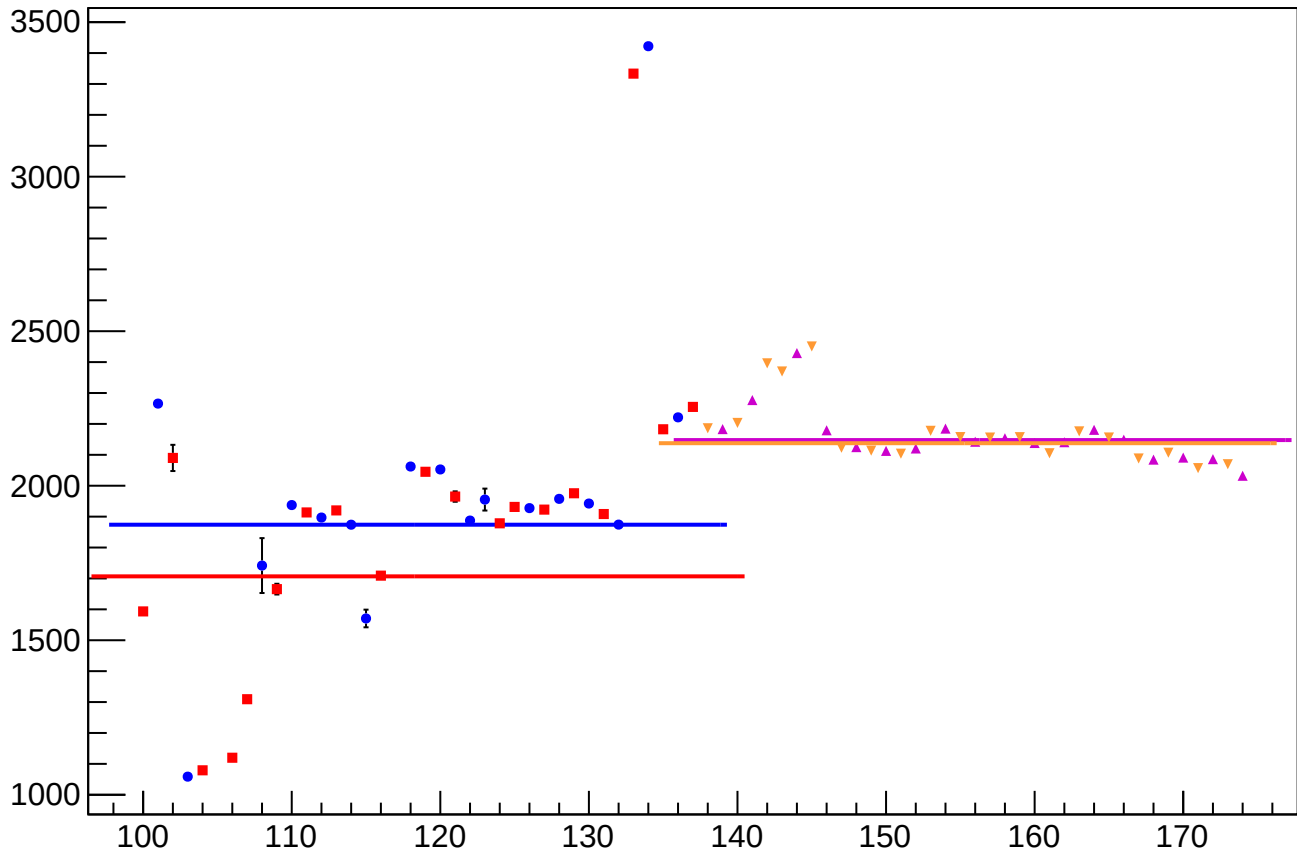
Left In: -1920.339 $\pm$ 0.312 χ^2 /NDF: 45233.5/17

+ sign -1342.107 $\pm$ 0.000 χ^2 /NDF: 3126149.7/35

All: -1396.751 $\pm$ 0.000 χ^2 /NDF: 1800086126

- sign -1496.932 $\pm$ 0.000 χ^2 /NDF: 2386263.2/36

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 201563.9/16

Left Out: 2137.591+/-0.350 χ^2/NDF : 41440.6/18

Right Out: 1706.739+/-0.302 χ^2/NDF : 837936.9/18

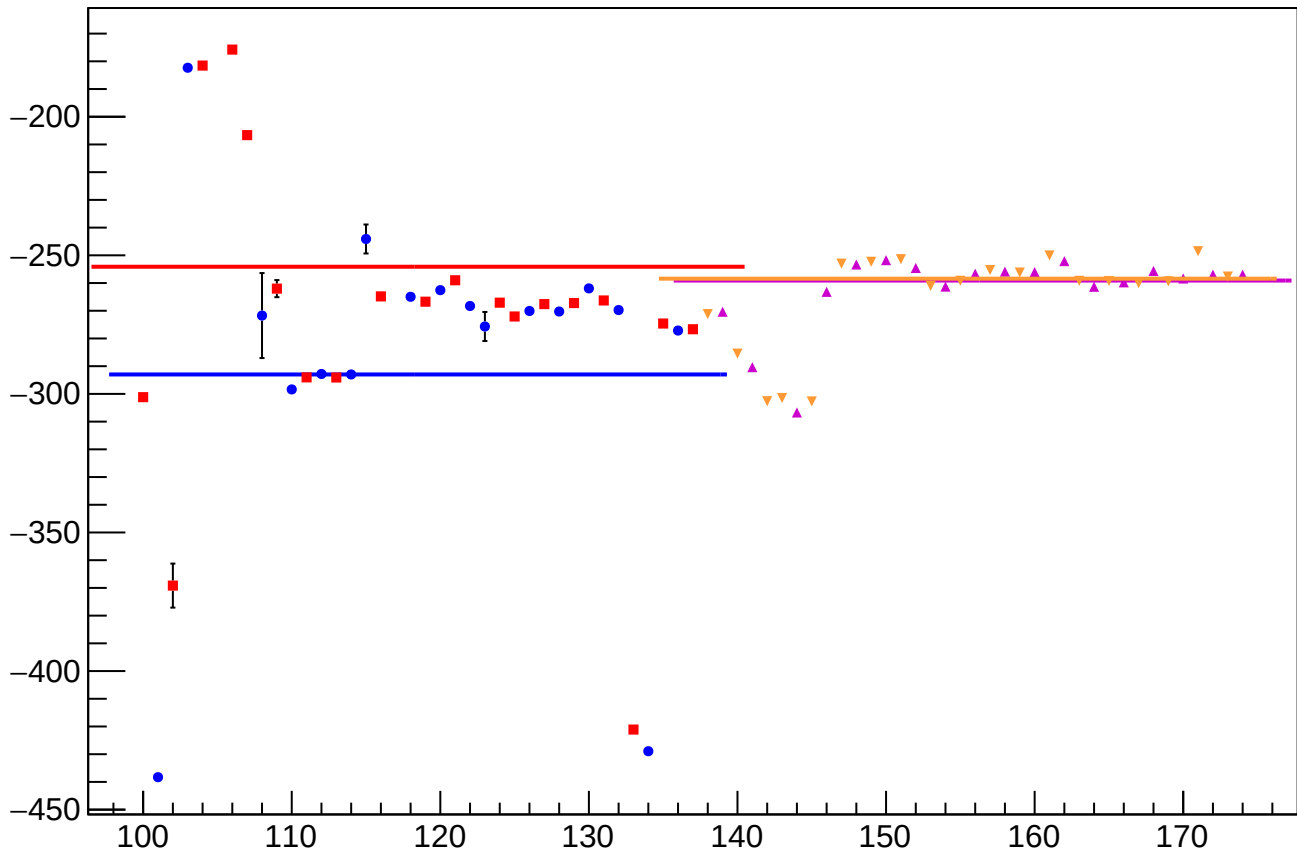
Left In: 2147.701+/-0.313 χ^2/NDF : 47123.9/17

+ sign 1873.852+/-0.000 χ^2/NDF : 812347.8/35

All: 1873.852+/-0.000 χ^2/NDF : 2769438.5/72

- sign 1919.786+/-0.217 χ^2/NDF : 1912447.7/36

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 χ^2/NDF : 1015592.4/16

Left Out: -258.420 ± 0.021 χ^2/NDF : 213787.4/18

Right Out: -254.119 ± 0.059 χ^2/NDF : 502658.5/18

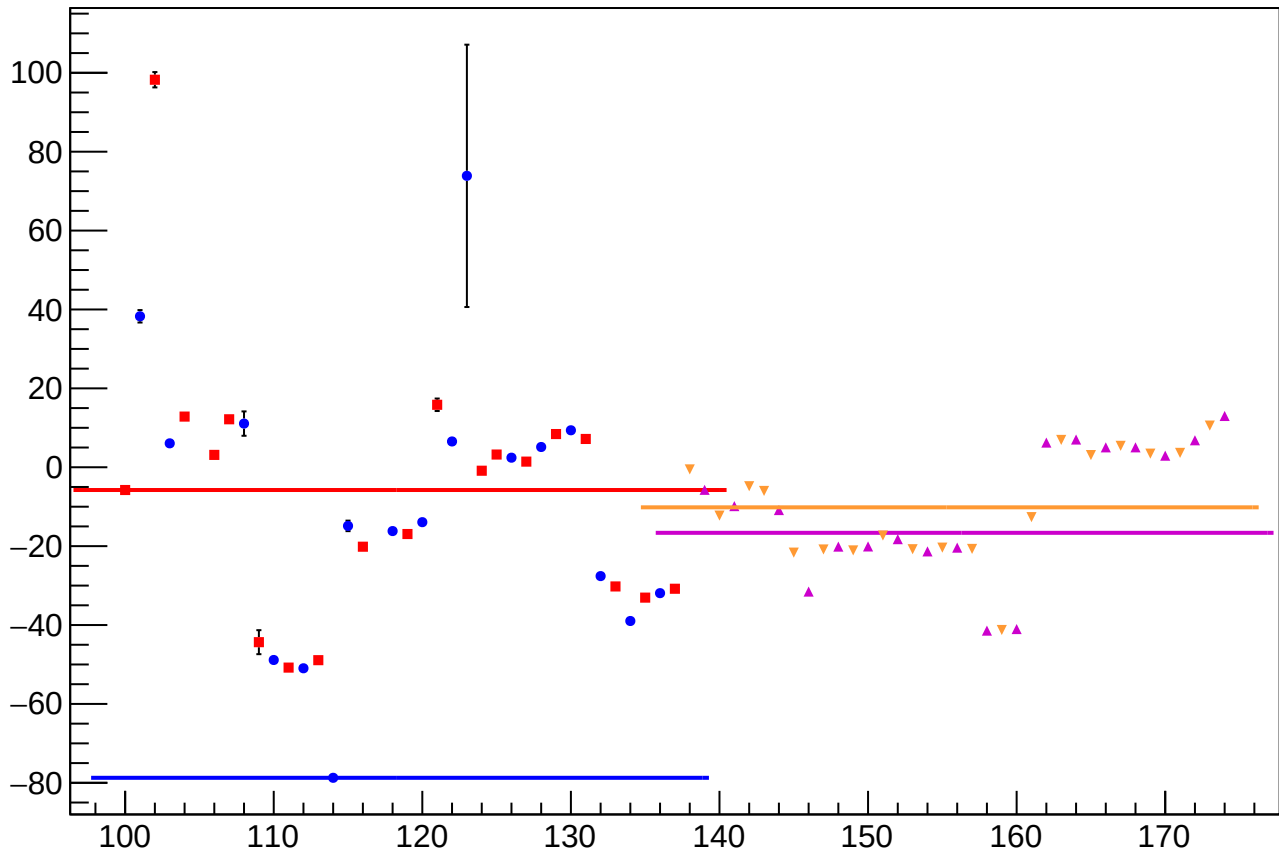
Left In: -259.102 ± 0.019 χ^2/NDF : 250241.1/17

+ sign -292.986 ± 0.000 χ^2/NDF : 3822355.9/35

All: -292.986 ± 0.000 χ^2/NDF : 8301597.4/72

- sign -258.648 ± 0.018 χ^2/NDF : 759384.4/36

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1399088.3/16$

Left Out: -10.160 ± 0.019 $\chi^2/\text{NDF}: 773084.0/18$

Right Out: -5.769 ± 0.000 $\chi^2/\text{NDF}: 111570.1/18$

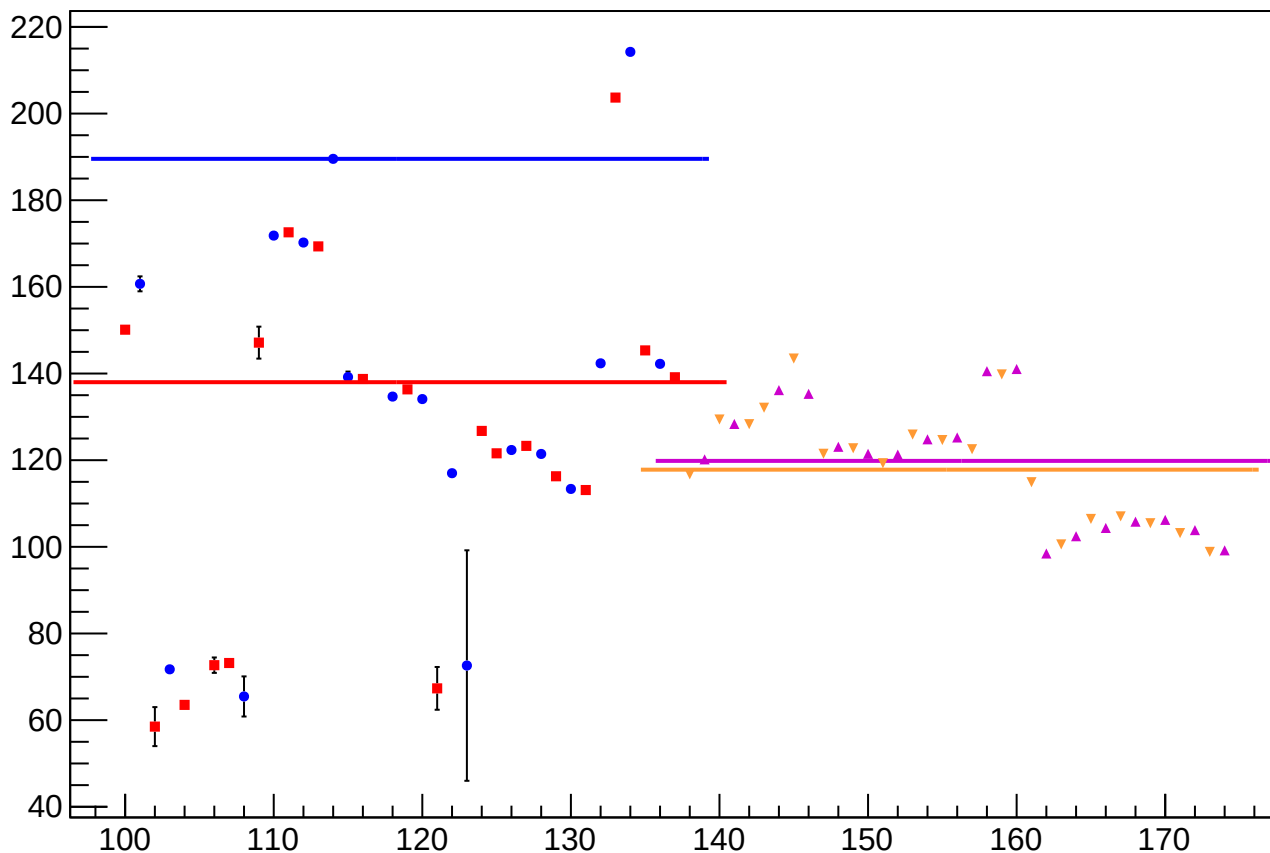
Left In: -16.623 ± 0.018 $\chi^2/\text{NDF}: 961230.7/17$

+ sign -78.728 ± 0.000 $\chi^2/\text{NDF}: 15373732.4/35$

All: -6.288 ± 0.000 $\chi^2/\text{NDF}: 2878797679293$

- sign -5.769 ± 0.000 $\chi^2/\text{NDF}: 1445369.8/36$

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 927391.8/16

Left Out: 117.811 $\pm$ 0.024 χ^2 /NDF: 259953.0/18

Right Out: 138.002 $\pm$ 0.059 χ^2 /NDF: 117357.8/18

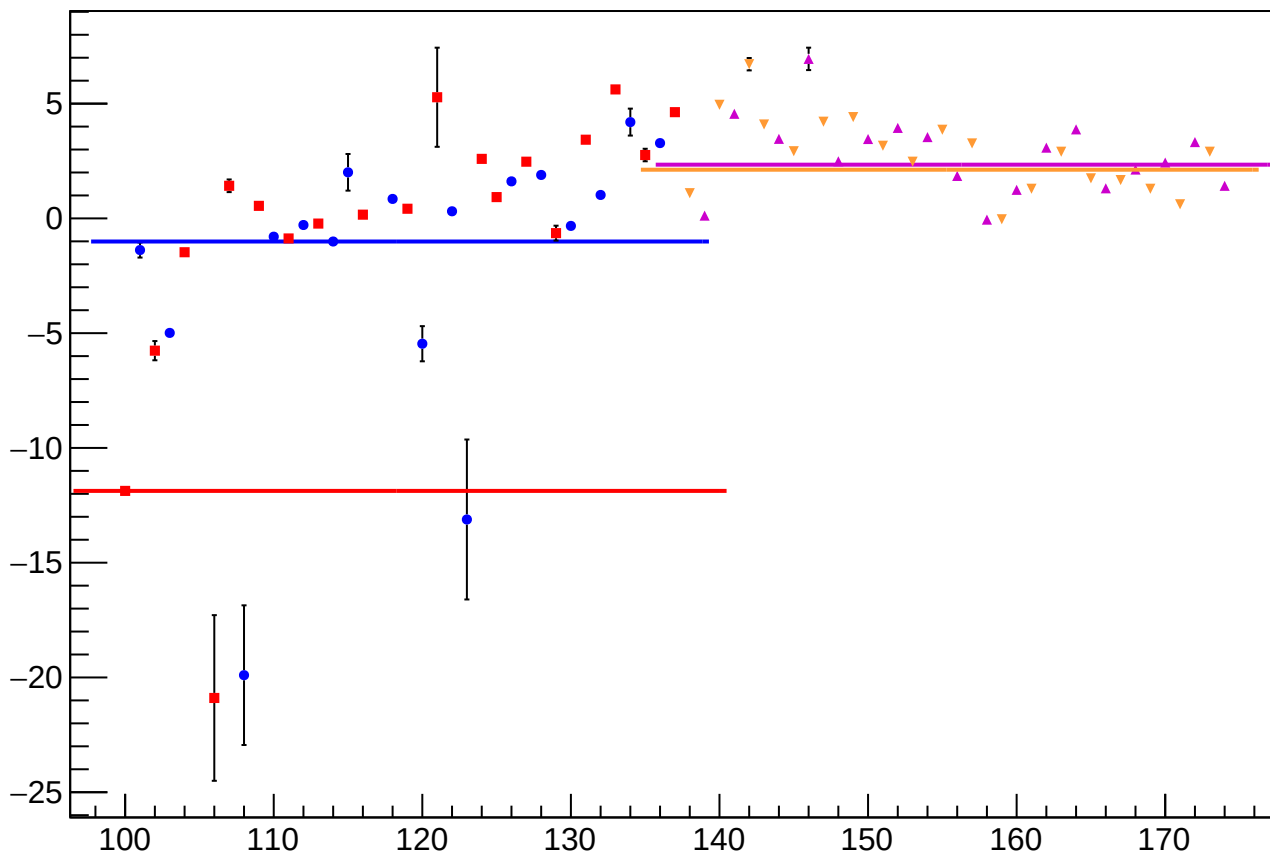
Left In: 119.837 $\pm$ 0.025 χ^2 /NDF: 296958.9/17

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 10099700.0/35

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 19041359.1/72

- sign 122.600 $\pm$ 0.023 χ^2 /NDF: 494507.6/36

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 2.121 ± 0.018 χ^2/NDF : 5907.3/18

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

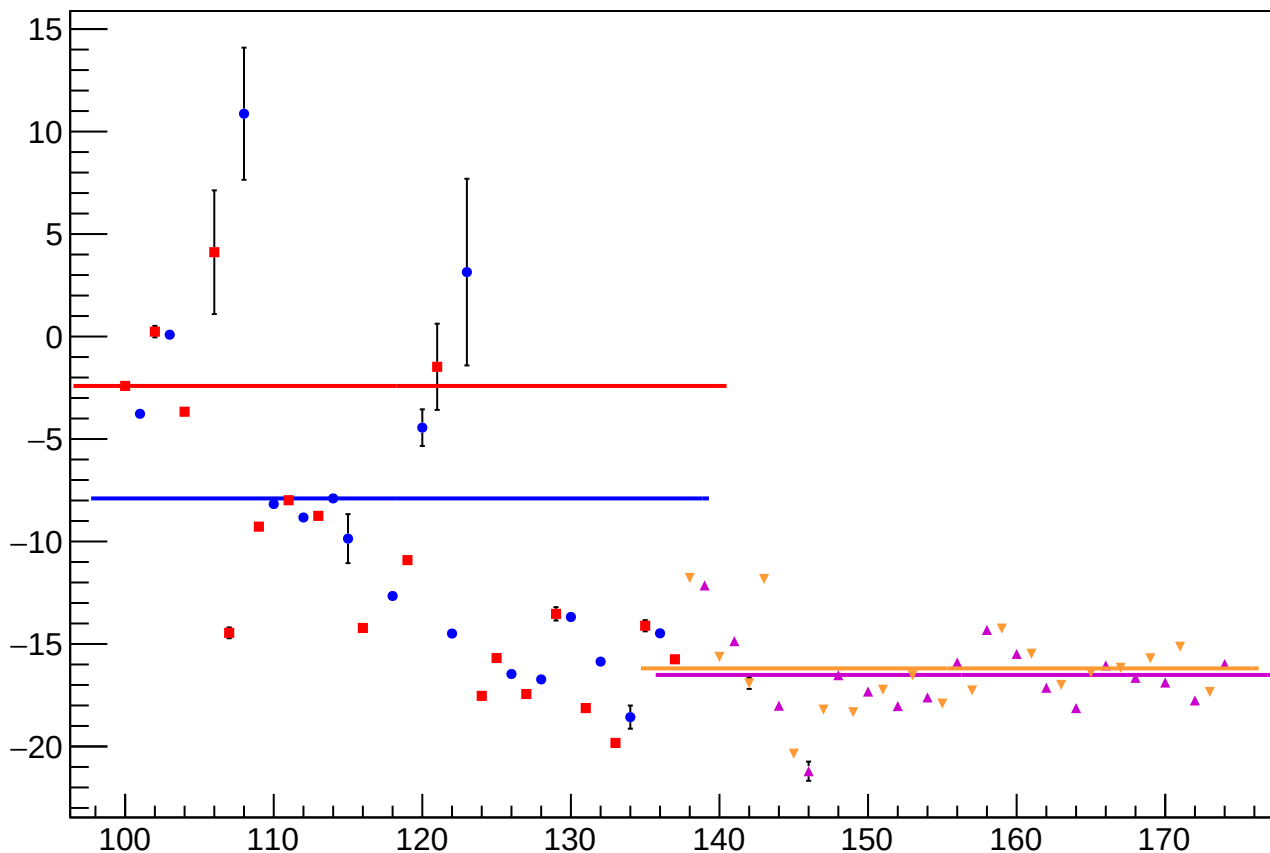
Left In: 2.341 ± 0.016 χ^2/NDF : 7002.1/17

+ sign -1.007 ± 0.000 χ^2/NDF : 42032.5/35

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 1340819.5/36

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.191 ± 0.018 χ^2/NDF : 6787.6/18

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

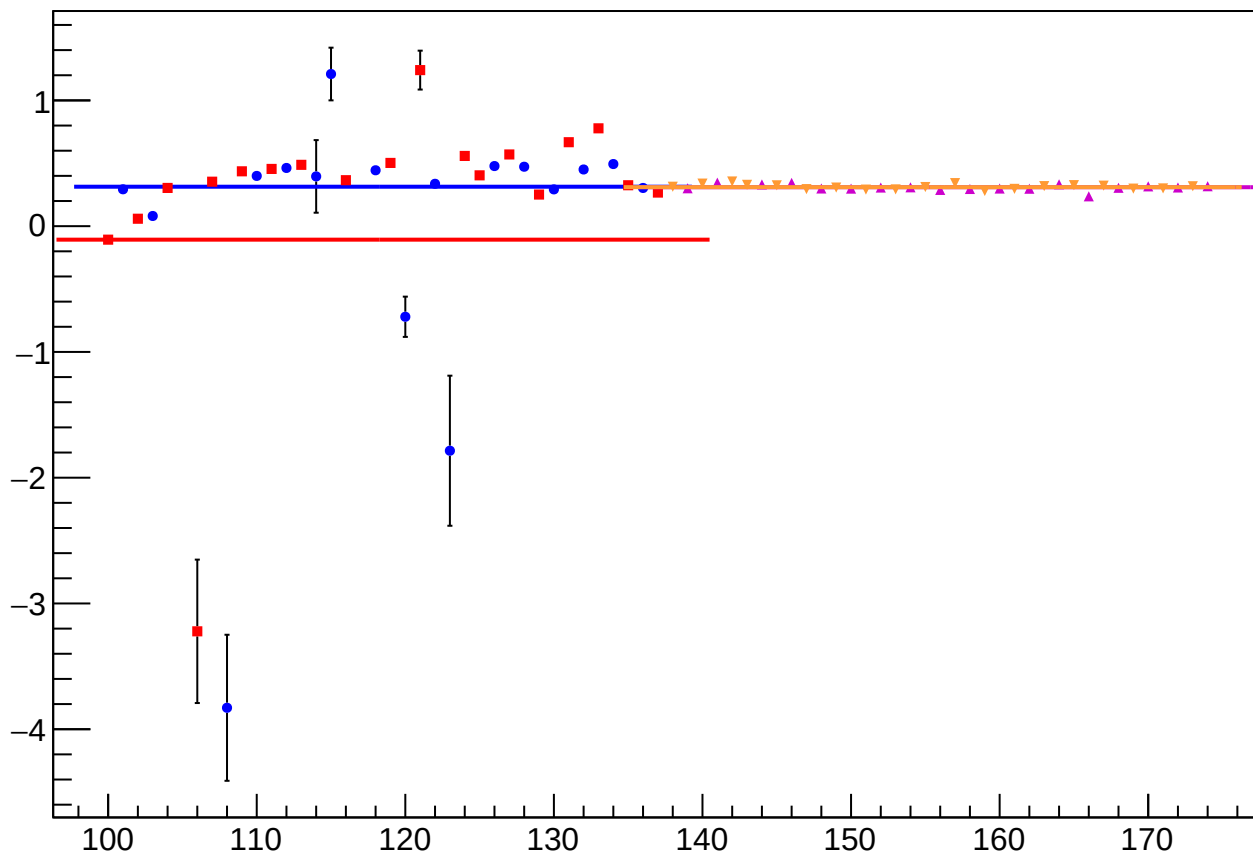
Left In: -16.510 ± 0.016 χ^2/NDF : 5663.5/17

+ sign -7.899 ± 0.000 χ^2/NDF : 255377.4/35

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 965617.8/36

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.310 ± 0.000 χ^2/NDF : 4256.1/18

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

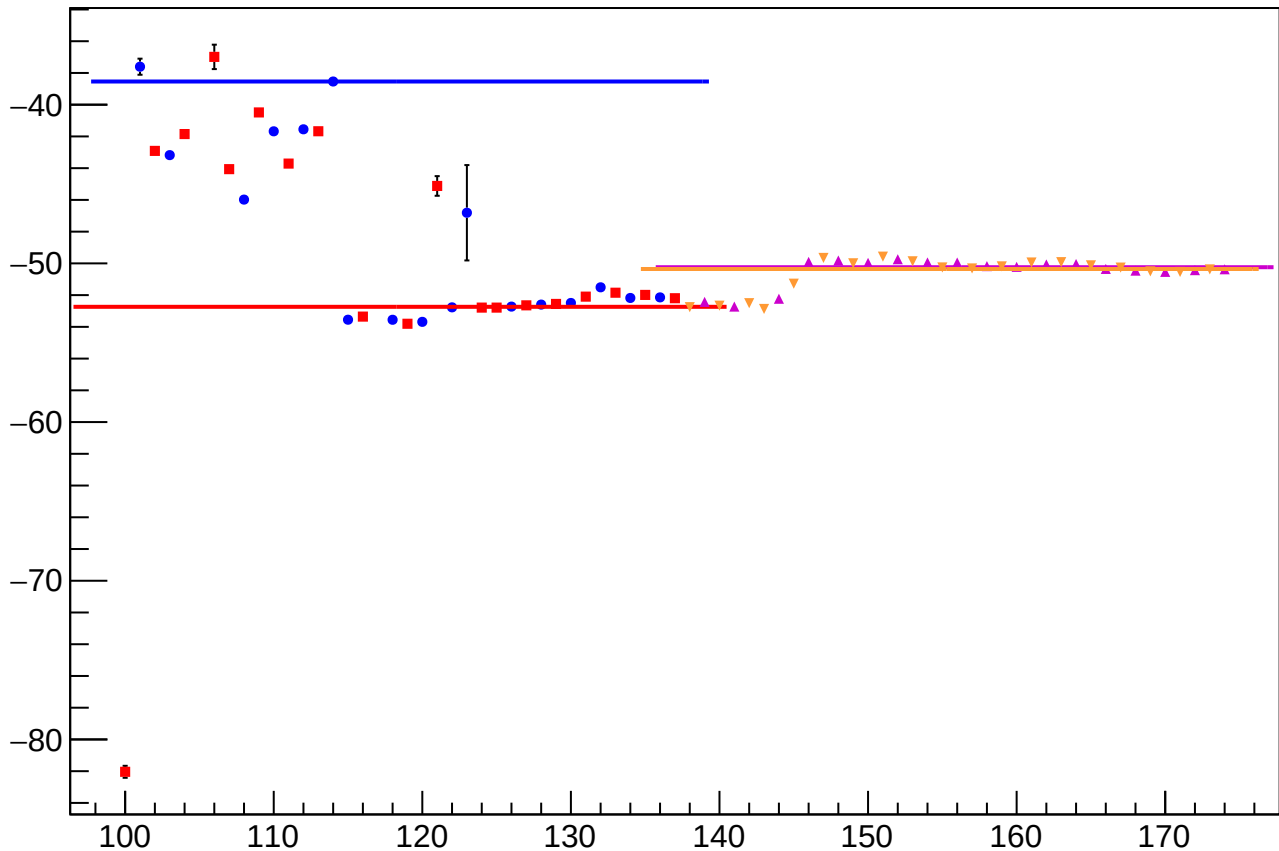
Left In: 0.310 ± 0.000 χ^2/NDF : 2824.9/17

+ sign 0.310 ± 0.000 χ^2/NDF : 7016.5/35

All: -0.107 ± 0.000 χ^2/NDF : 5949874.7/72

- sign -0.107 ± 0.000 χ^2/NDF : 2980352.3/36

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 14950854.6/16

Left Out: -50.354 ± 0.001 χ^2/NDF : 254144.2/18

Right Out: -52.737 ± 0.002 χ^2/NDF : 87430.2/18

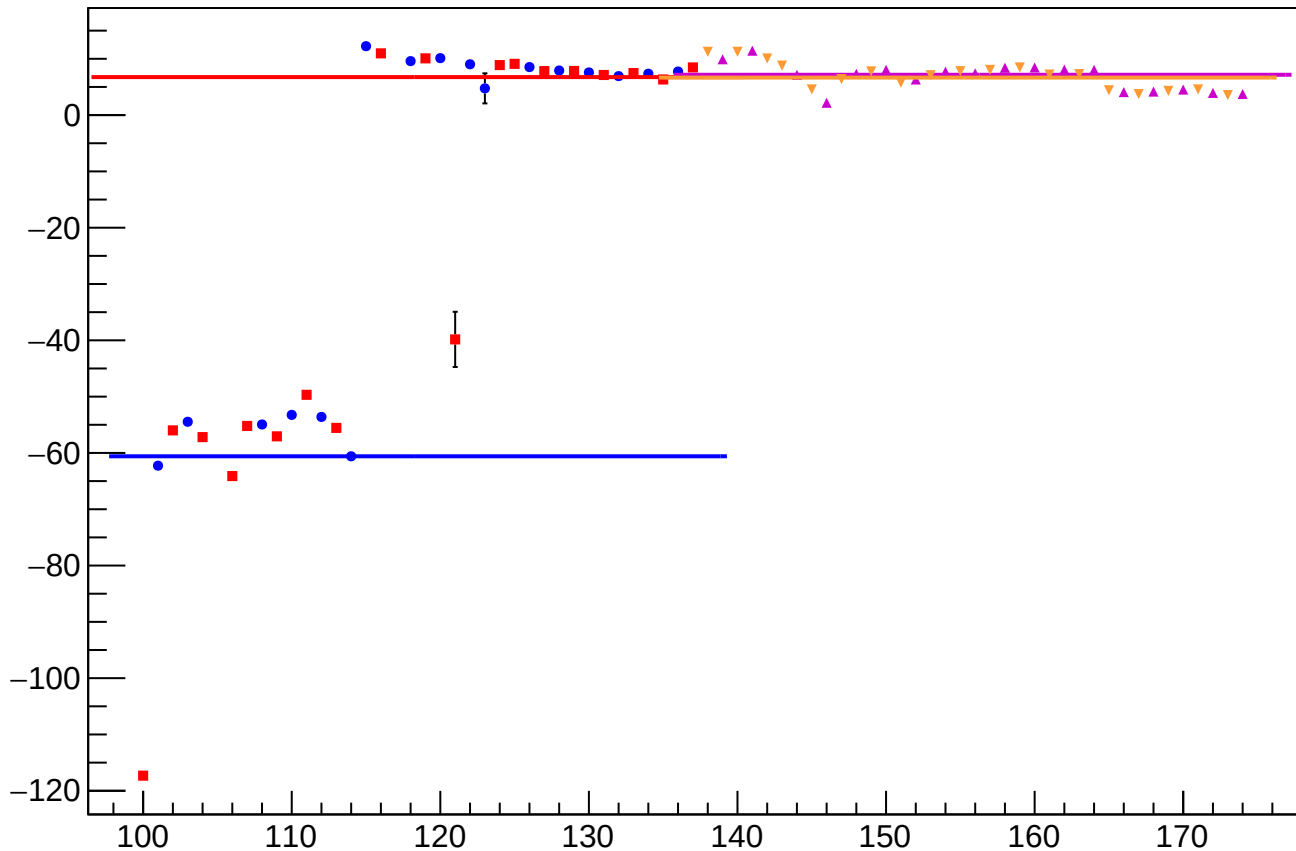
Left In: -50.241 ± 0.001 χ^2/NDF : 166917.2/17

+ sign -38.539 ± 0.000 χ^2/NDF : 81213905.9/35

All: -38.539 ± 0.000 χ^2/NDF : 223017980.8/7

- sign -51.026 ± 0.001 χ^2/NDF : 1462584.3/36

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26122838.1/16

Left Out: 6.661 ± 0.004 χ^2/NDF : 309467.4/18

Right Out: 6.748 ± 0.011 χ^2/NDF : 1266598.3/18

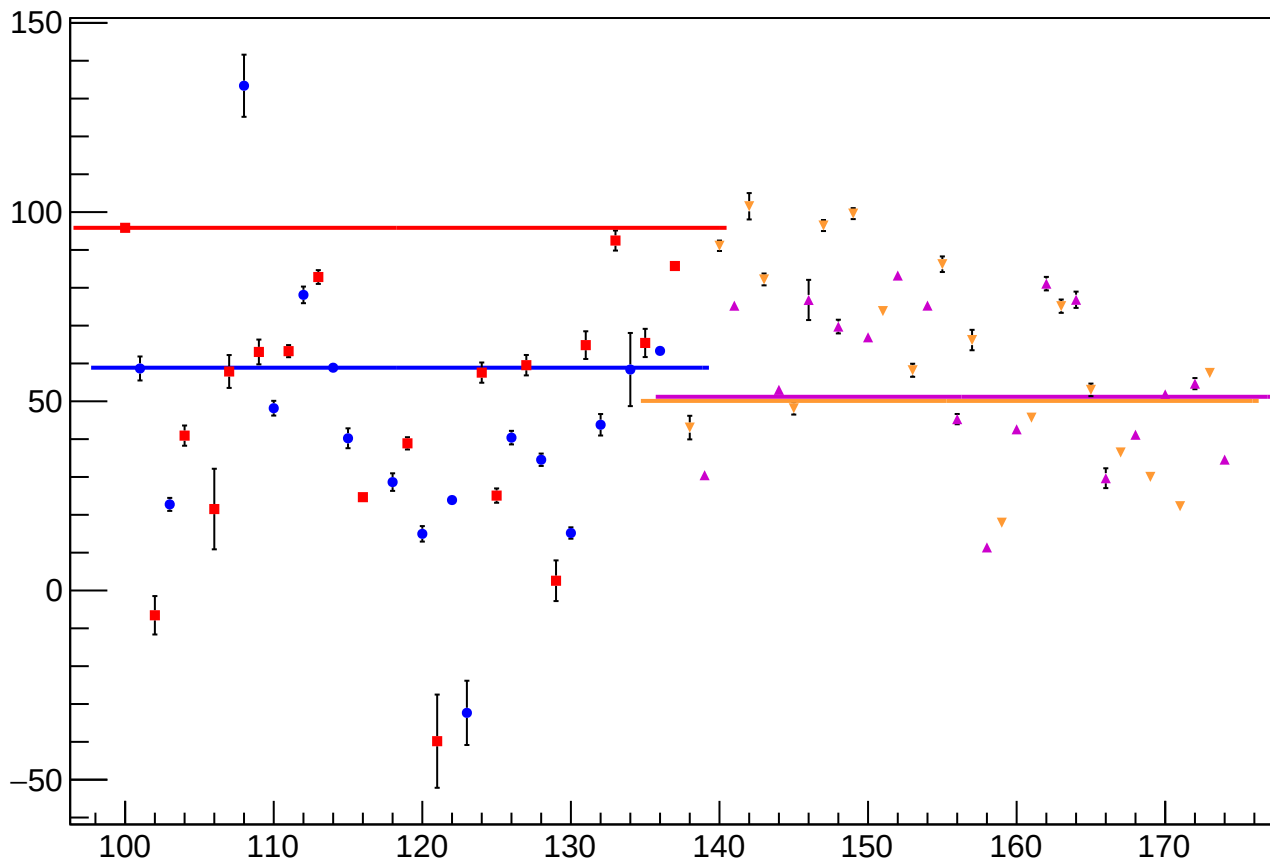
Left In: 7.162 ± 0.003 χ^2/NDF : 208262.1/17

+ sign -60.594 ± 0.000 χ^2/NDF : 348290861.6/35

All: -60.594 ± 0.000 χ^2/NDF : 766005205.9/7

- sign 7.124 ± 0.003 χ^2/NDF : 1476141.1/36

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 50.102 $\pm$ 0.281 χ^2 /NDF: 7698.0/18

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

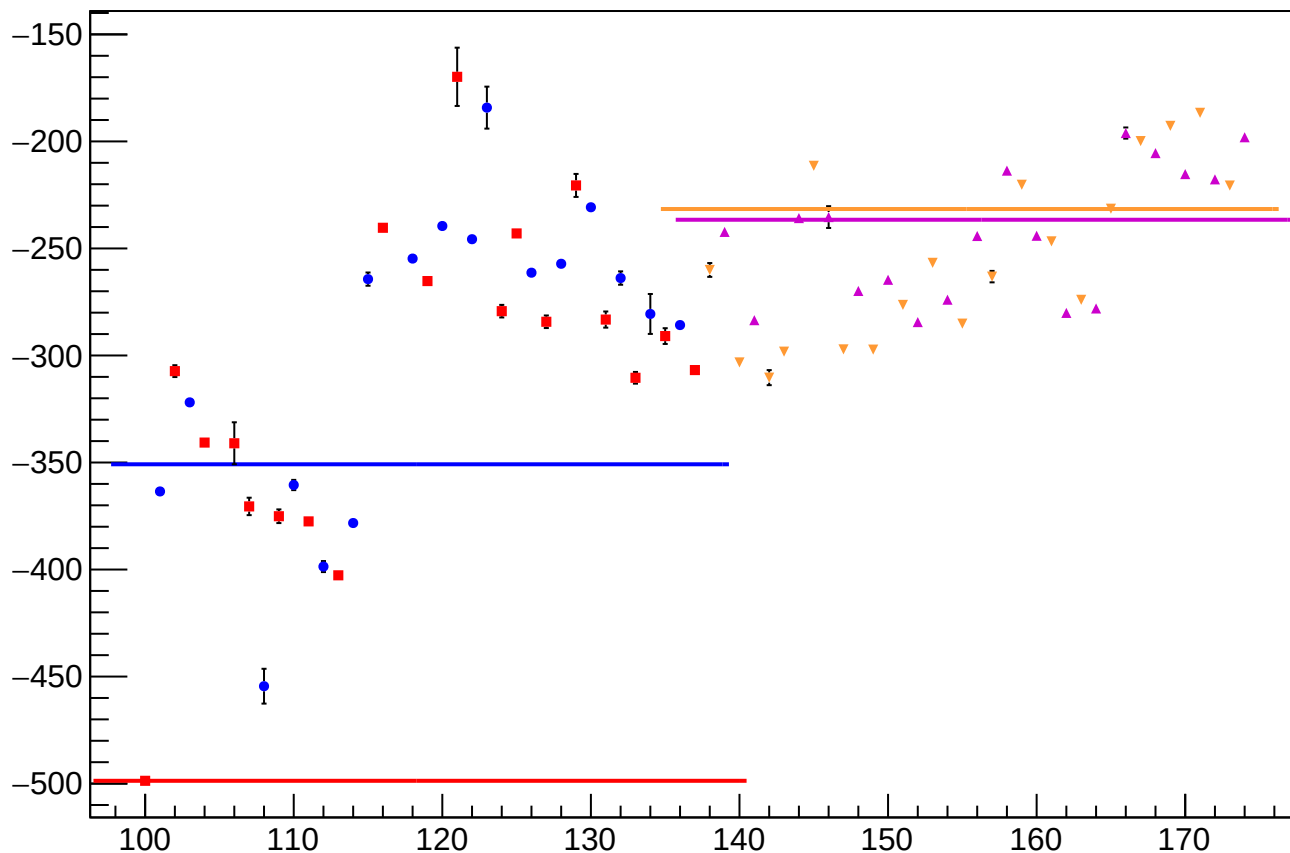
Left In: 51.193 $\pm$ 0.238 χ^2 /NDF: 6102.8/17

+ sign 58.880 $\pm$ 0.000 χ^2 /NDF: 12491.5/35

All: 60.098 $\pm$ 0.000 χ^2 /NDF: 981523394566

- sign 95.846 $\pm$ 0.000 χ^2 /NDF: 80589.6/36

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 $\chi^2/\text{NDF}: 41301.1/16$

Left Out: -231.581 ± 0.281 $\chi^2/\text{NDF}: 19426.0/18$

Right Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 511870.8/18$

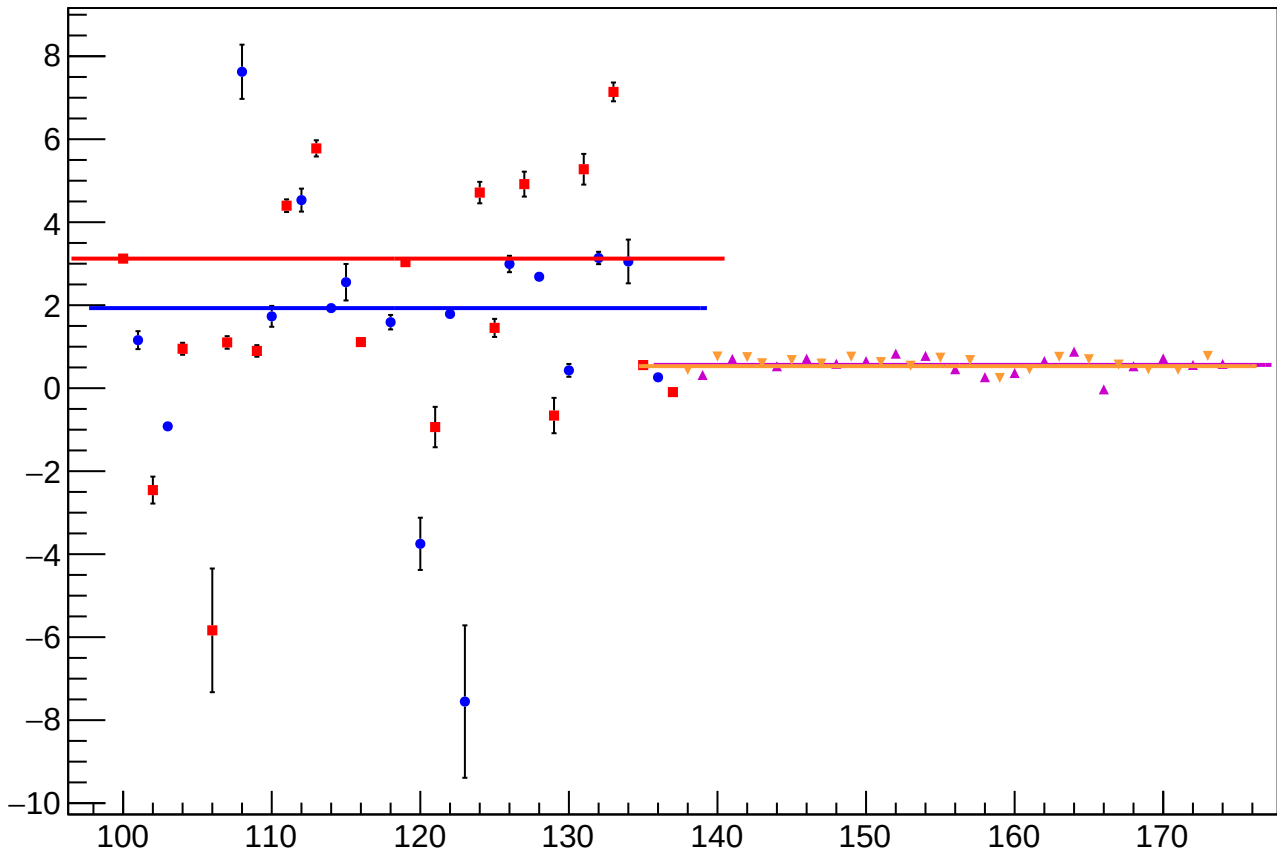
Left In: -236.594 ± 0.243 $\chi^2/\text{NDF}: 15355.7/17$

+ sign -299.343 ± 0.184 $\chi^2/\text{NDF}: 163413.0/35$

All: -498.692 ± 0.000 $\chi^2/\text{NDF}: 3021075.3/72$

- sign -498.692 ± 0.000 $\chi^2/\text{NDF}: 1688070.0/36$

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF : 59970.9/16

Left Out: 0.531+/-0.002 χ^2/NDF : 9293.2/18

Right Out: 3.123+/-0.000 χ^2/NDF : 512565.5/18

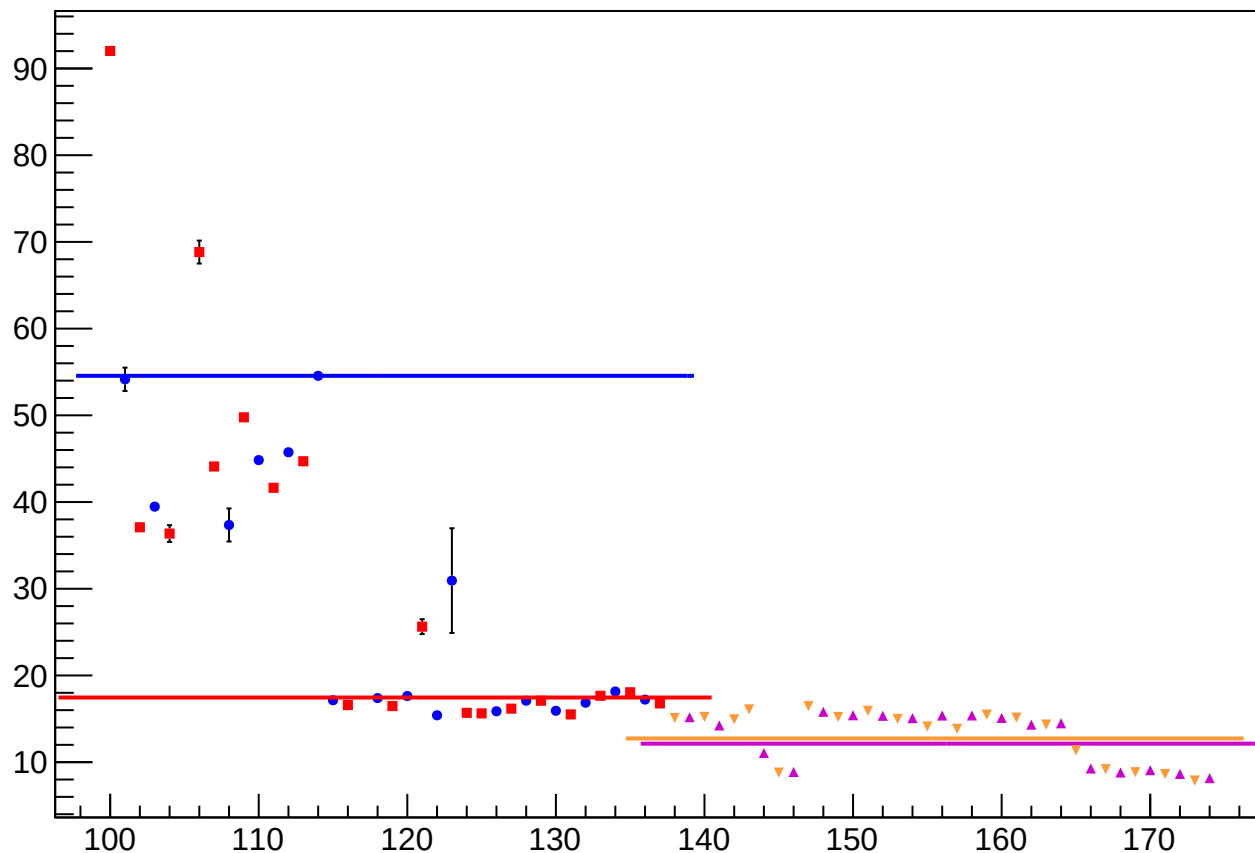
Left In: 0.561+/-0.002 χ^2/NDF : 13312.4/17

+ sign 1.930+/-0.000 χ^2/NDF : 562527.9/35

All: 2.073+/-0.000 χ^2/NDF : 3809953457808

- sign 3.123+/-0.000 χ^2/NDF : 2768783.7/36

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 12.736+/-0.007 χ^2/NDF : 224130.2/18

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

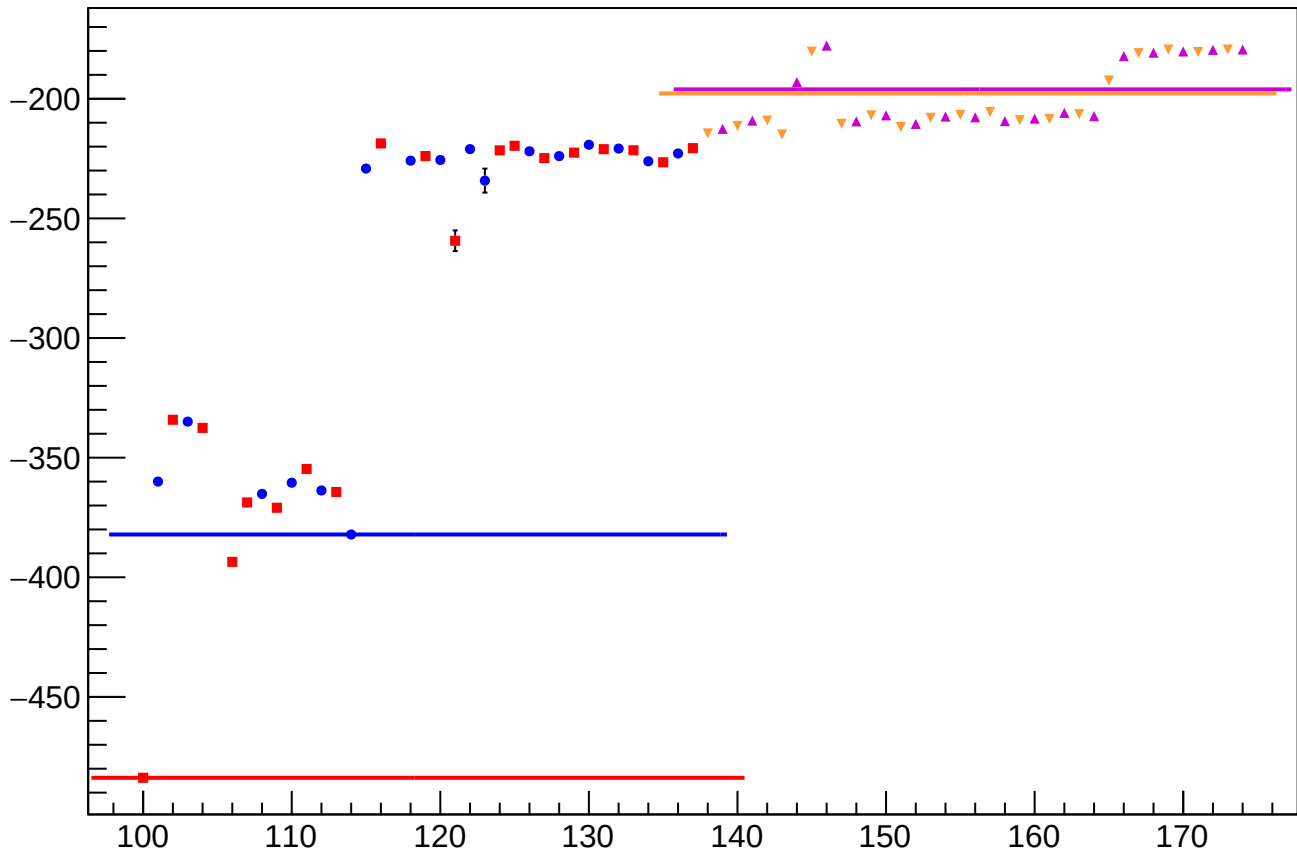
Left In: 12.135+/-0.006 χ^2/NDF : 313022.2/17

+ sign 54.556+/-0.000 χ^2/NDF : 45463981.9/35

All: 54.556+/-0.000 χ^2/NDF : 103405320.7/72

- sign 12.622+/-0.006 χ^2/NDF : 489327.7/36

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -197.777+/-0.014 χ^2/NDF : 984258.7/18

+ sign -382.108+/-0.000 χ^2/NDF : 184389282.5/35

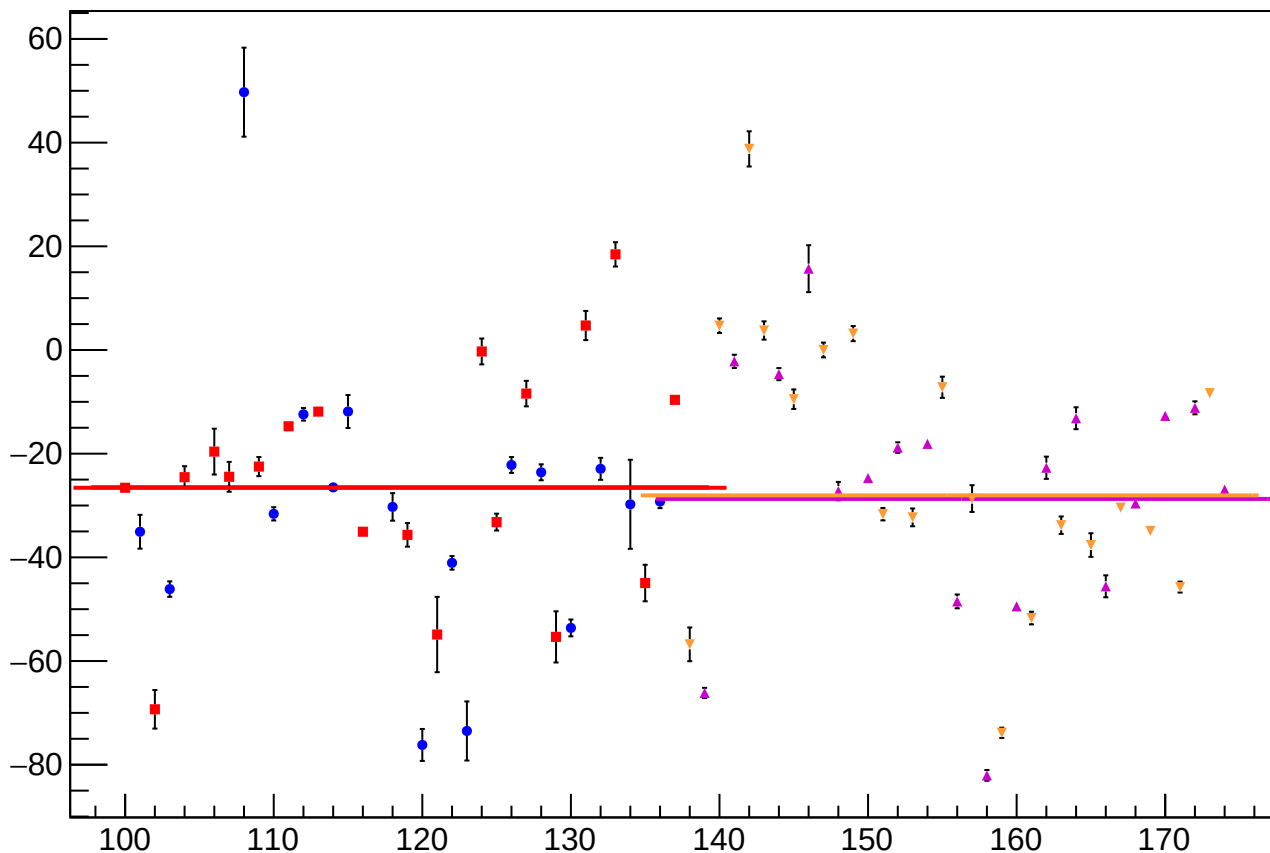
Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

All: -417.999+/-0.000 χ^2/NDF : 12425488813

Left In: -196.062+/-0.013 χ^2/NDF : 1168081.6/17

- sign -483.800+/-0.000 χ^2/NDF : 517356672.0/36

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -28.048 ± 0.282 χ^2/NDF : 5946.3/18

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

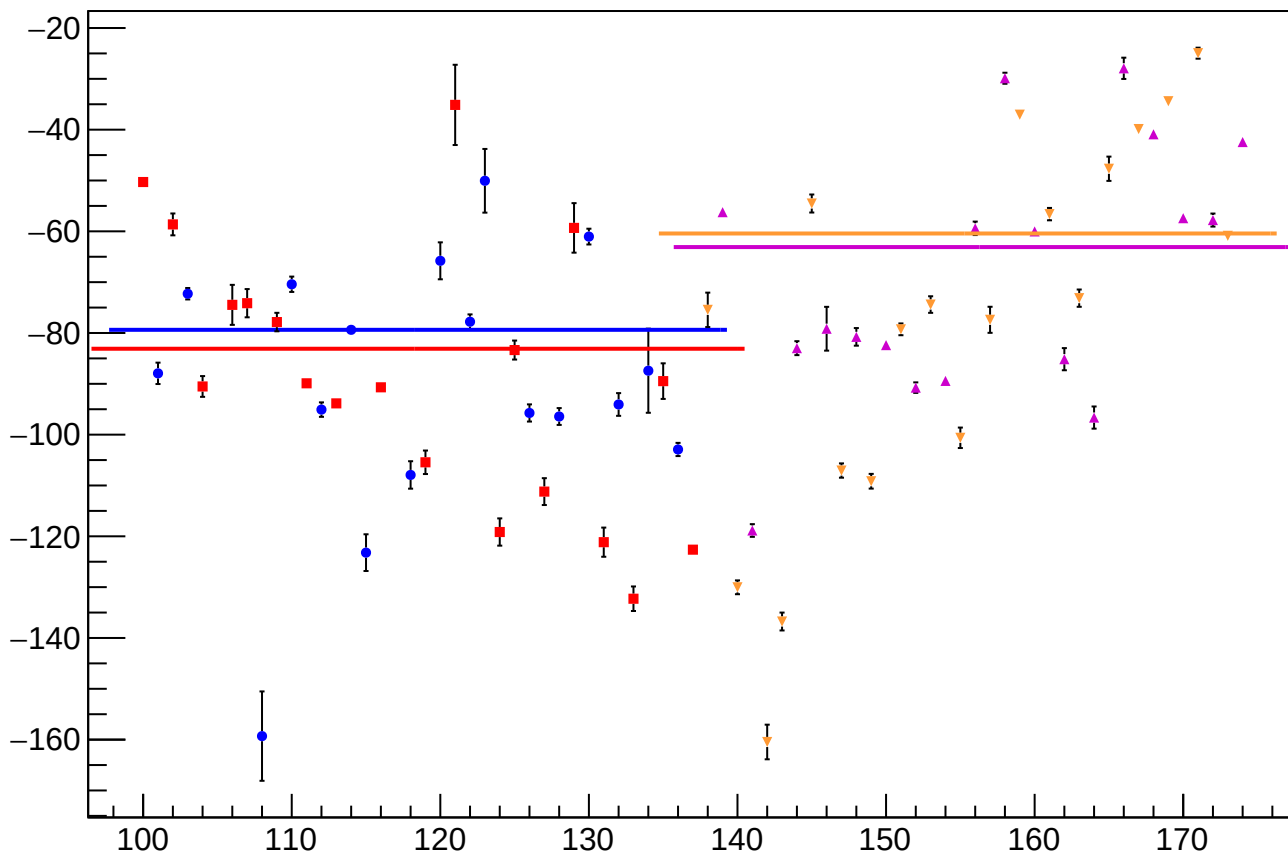
Left In: -28.727 ± 0.241 χ^2/NDF : 7020.1/17

+ sign -26.504 ± 0.000 χ^2/NDF : 7156.9/35

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 9740.9/36

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -60.425 ± 0.279 χ^2/NDF : 12284.0/18

Right Out: -83.099 ± 0.178 χ^2/NDF : 11915.8/18

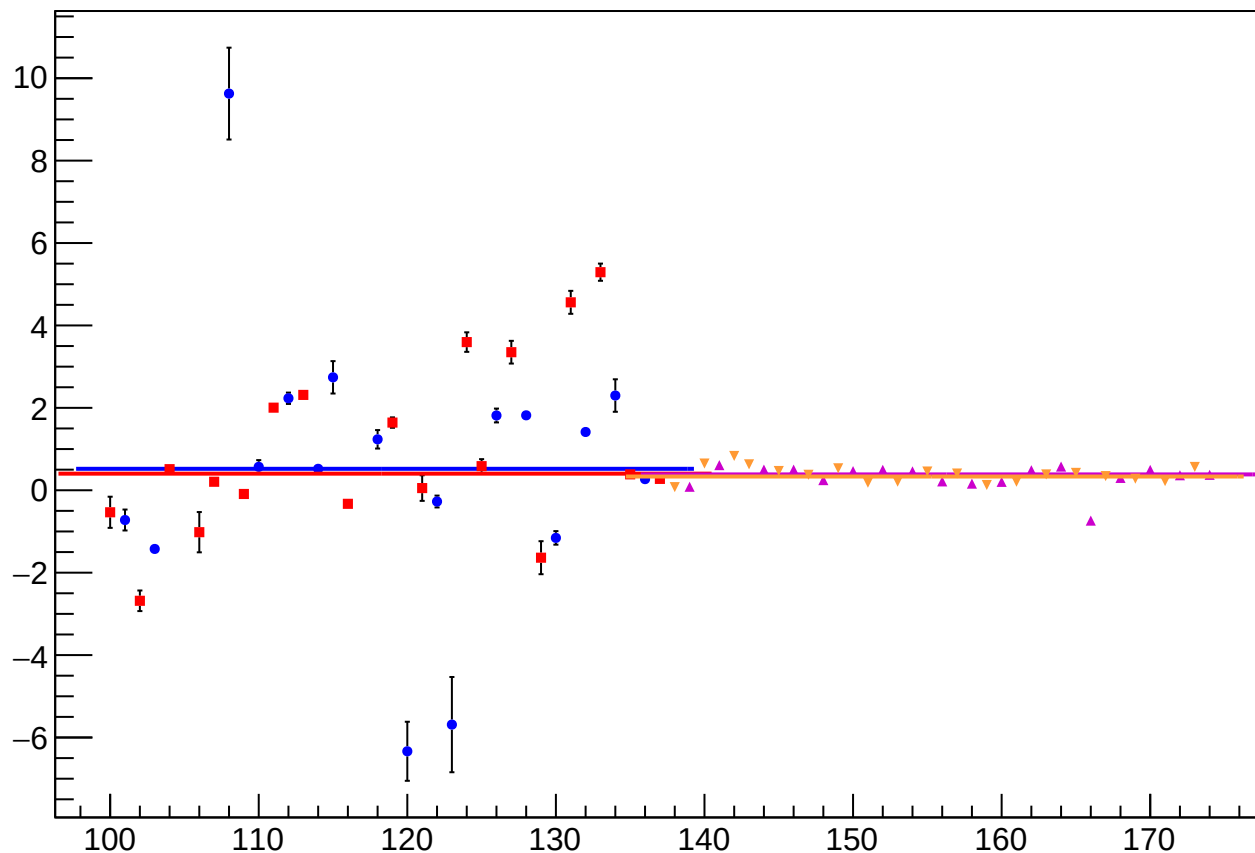
Left In: -63.097 ± 0.241 χ^2/NDF : 8076.1/17

+ sign -79.376 ± 0.000 χ^2/NDF : 18211.2/35

All: -79.376 ± 0.000 χ^2/NDF : 43209.8/72

- sign -76.023 ± 0.143 χ^2/NDF : 24450.4/36

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.334+/-0.002 χ^2/NDF : 8734.2/18

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

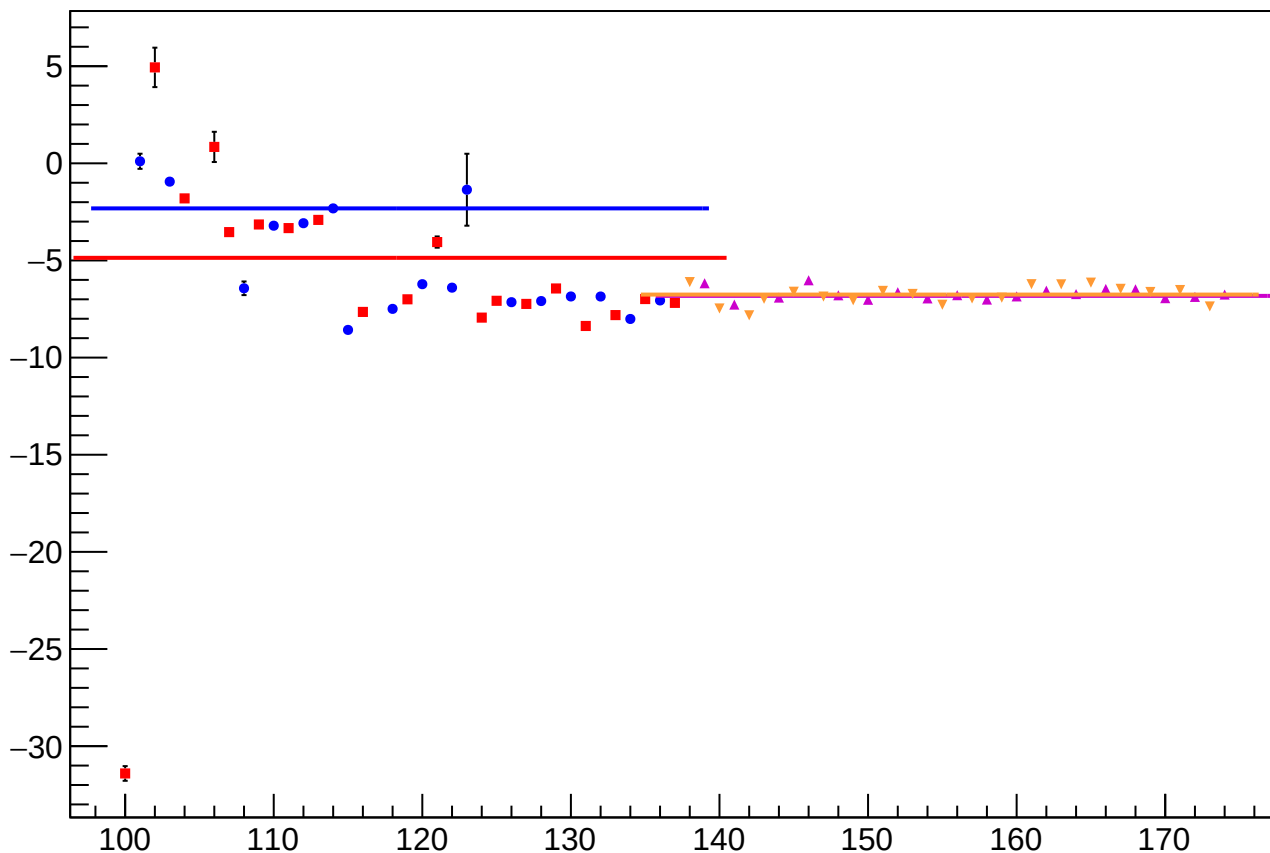
Left In: 0.385+/-0.002 χ^2/NDF : 9347.7/17

+ sign 0.521+/-0.000 χ^2/NDF : 22453.1/35

All: 0.521+/-0.000 χ^2/NDF : 41542.4/72

- sign 0.385+/-0.002 χ^2/NDF : 12078.0/36

dit_sam3_4aY_slope vs Slug



Right In: -2.320 ± 0.000 χ^2/NDF : 270771.9/16

Left Out: -6.756 ± 0.003 χ^2/NDF : 9788.0/18

Right Out: -4.864 ± 0.010 χ^2/NDF : 49380.5/18

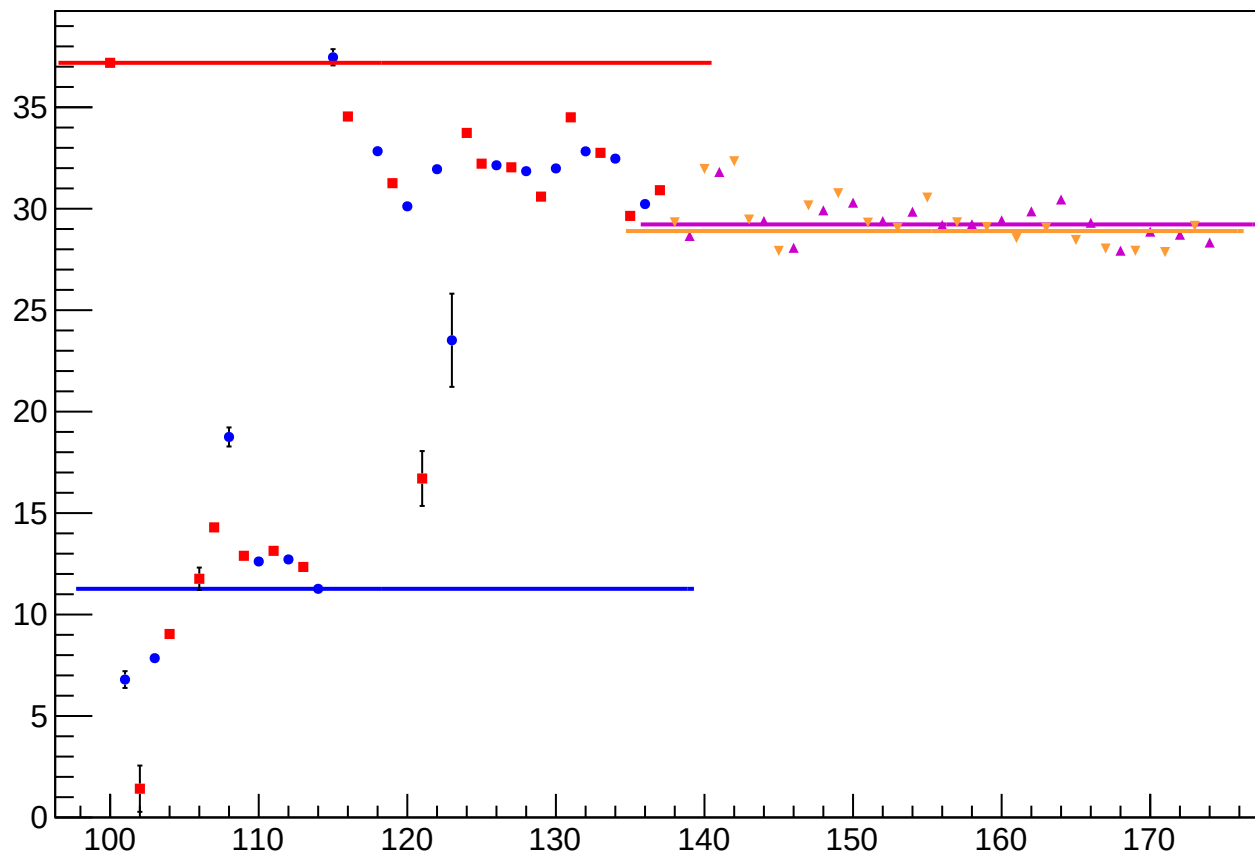
Left In: -6.823 ± 0.002 χ^2/NDF : 8141.9/17

+ sign -2.320 ± 0.000 χ^2/NDF : 3186604.0/35

All: -2.320 ± 0.000 χ^2/NDF : 6671695.3/72

- sign -6.718 ± 0.002 χ^2/NDF : 91724.0/36

dit_sam3_4eY_slope vs Slug



Right In: 11.268 ± 0.000 χ^2/NDF : 958029.3/16

Left Out: 28.899 ± 0.009 χ^2/NDF : 13113.6/18

Right Out: 37.191 ± 0.000 χ^2/NDF : 1121929.1/18

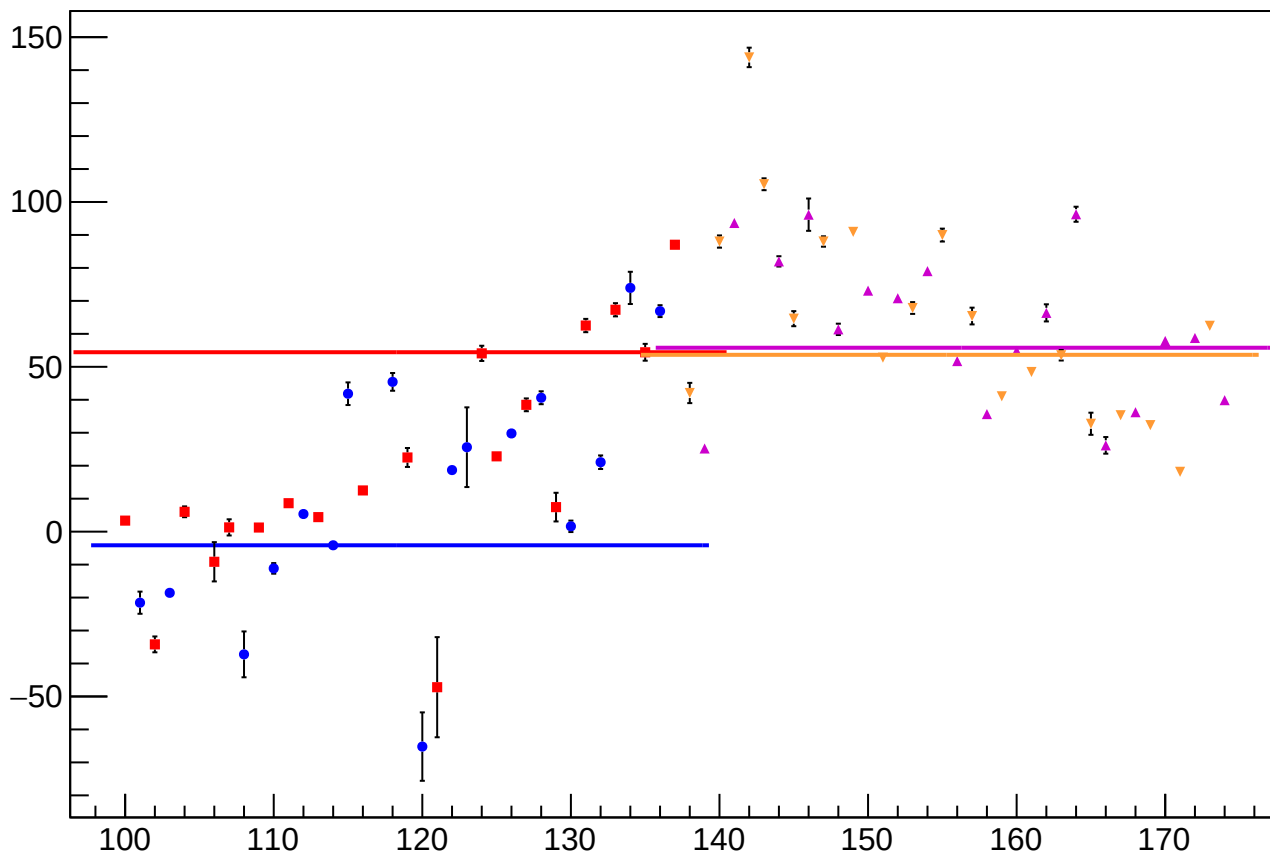
Left In: 29.226 ± 0.008 χ^2/NDF : 8930.6/17

+ sign 11.268 ± 0.000 χ^2/NDF : 4916279.4/35

All: 12.122 ± 0.000 χ^2/NDF : 7723055694978

- sign 37.191 ± 0.000 χ^2/NDF : 2099545.0/36

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 53.637 ± 0.309 χ^2/NDF : 5937.4/18

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

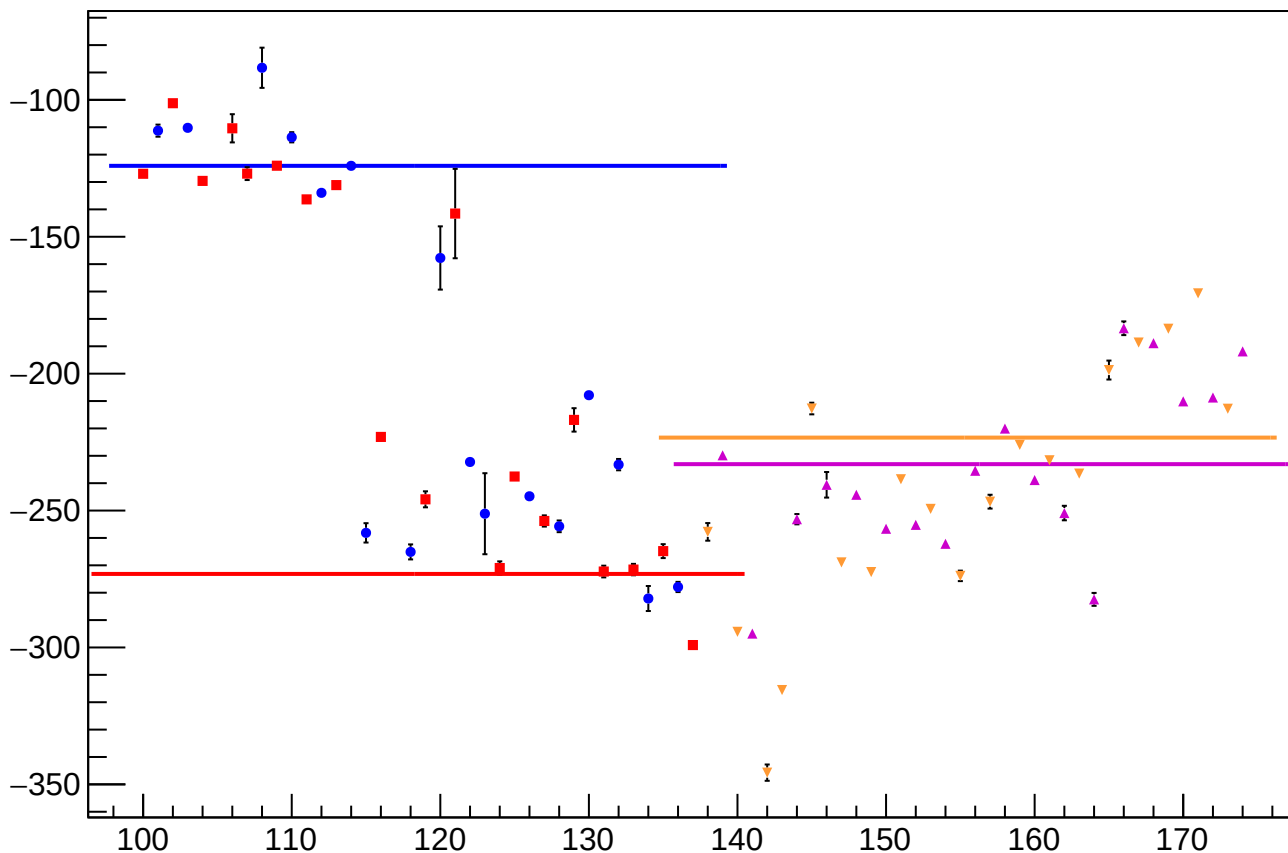
Left In: 55.786 ± 0.265 χ^2/NDF : 5661.0/17

+ sign -4.139 ± 0.000 χ^2/NDF : 45541.4/35

All: -4.139 ± 0.000 χ^2/NDF : 274877.4/72

- sign 54.825 ± 0.143 χ^2/NDF : 59678.4/36

dit_sam4_4eX_slope vs Slug



Right In: -124.095 $\pm$ 0.000 χ^2 /NDF: 38152.5/16

Left Out: -223.351 $\pm$ 0.305 χ^2 /NDF:15205.6/18

Right Out: -273.143 $\pm$ 0.113 χ^2 /NDF: 280141.9/18

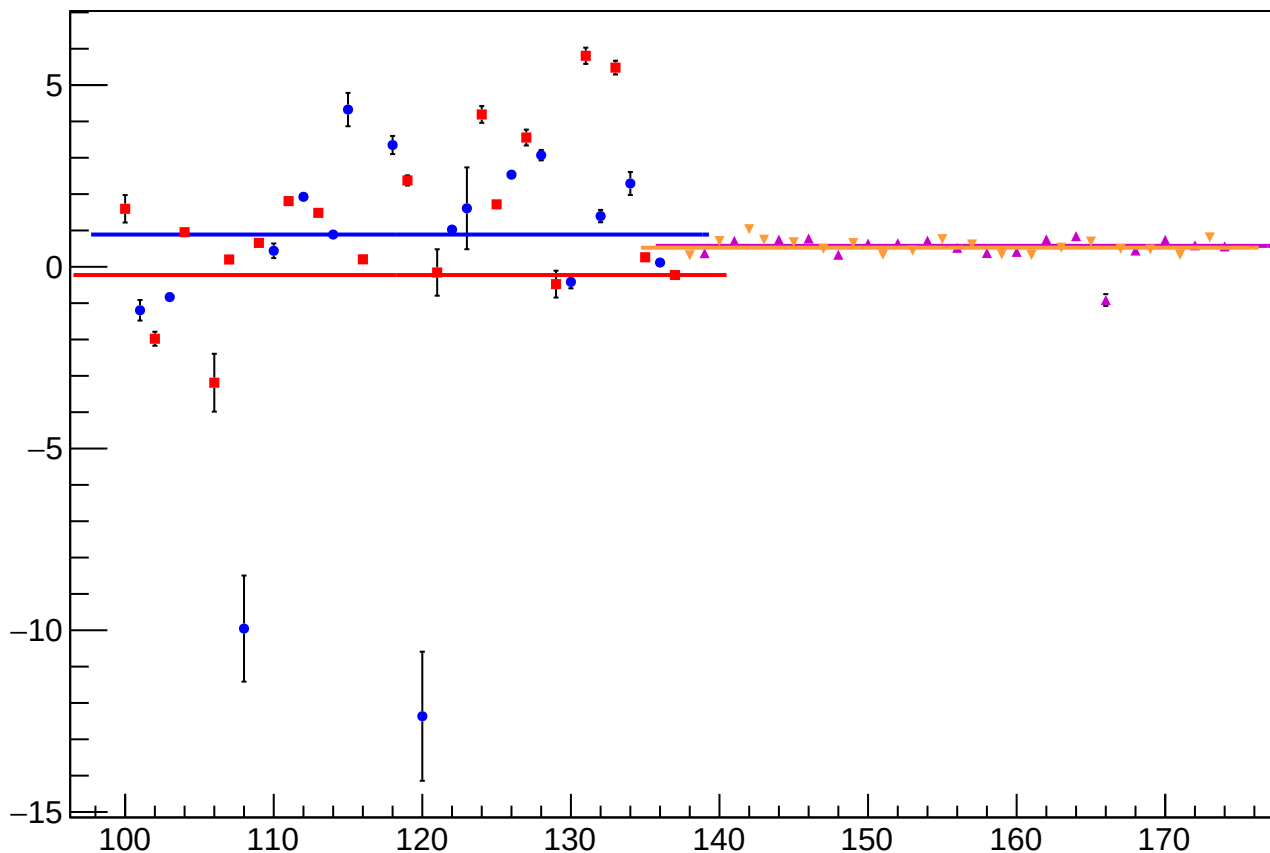
Left In: -233.049 $\pm$ 0.264 χ^2 /NDF:10999.9/17

+ sign -124.095 $\pm$ 0.000 χ^2 /NDF: 159087.6/35

All: -124.095 $\pm$ 0.000 χ^2 /NDF: 2369308.9/72

- sign -266.953 $\pm$ 0.104 χ^2 /NDF: 310676.3/36

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 $\pm$ 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.526 $\pm$ 0.002 χ^2/NDF :8556.8/18

Right Out: -0.226 $\pm$ 0.000 χ^2/NDF : 5031.1/18

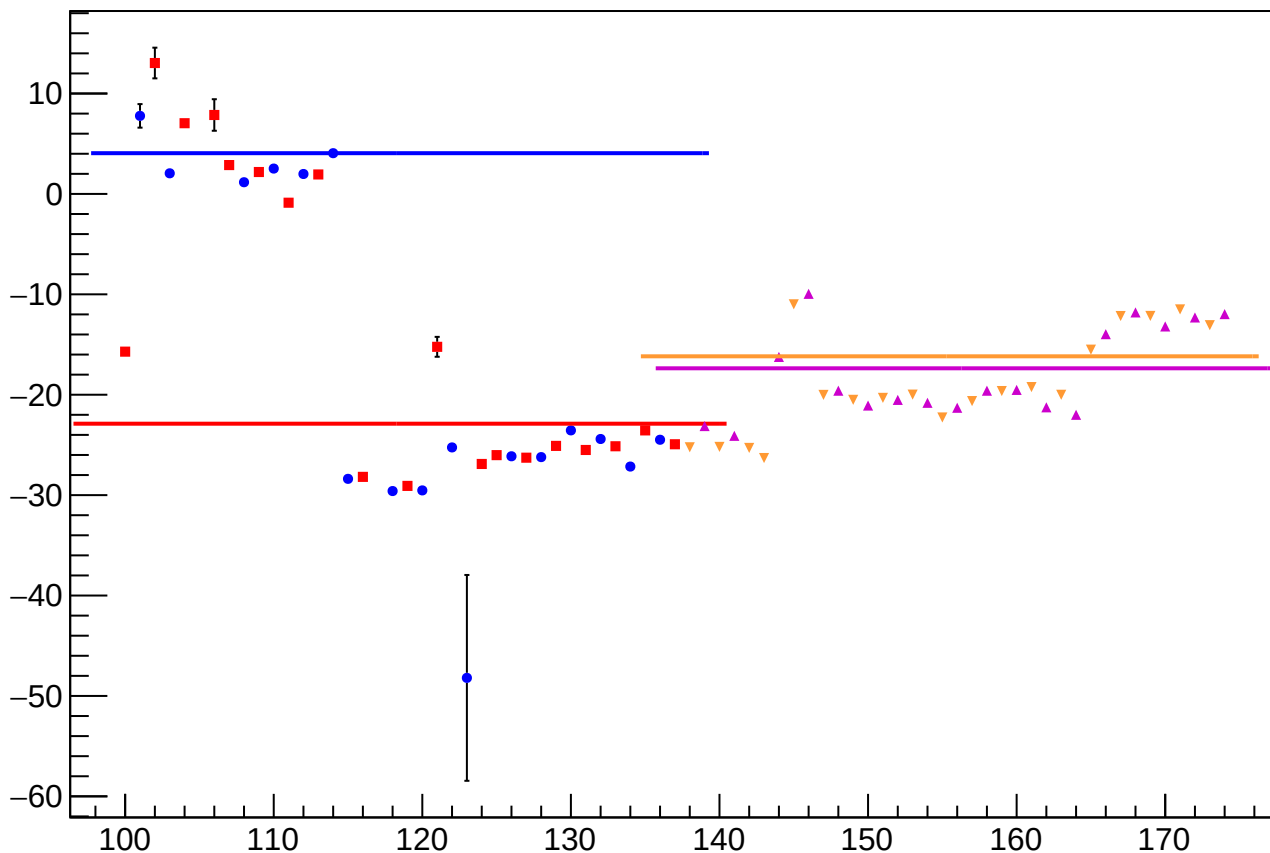
Left In: 0.576 $\pm$ 0.002 χ^2/NDF :4908.0/17

+ sign 0.888 $\pm$ 0.000 χ^2/NDF : 46509.2/35

All: 0.888 $\pm$ 0.000 χ^2/NDF : 422285277.0/72

- sign -0.225 $\pm$ 0.000 χ^2/NDF : 155998.8/36

dit_sam4_4aY_slope vs Slug



Right In: 4.057 $\pm$ 0.000 χ^2 /NDF: 1247888.2/16

Left Out: -16.174 $\pm$ 0.011 χ^2 /NDF: 177889.5/18

Right Out: -22.885 $\pm$ 0.026 χ^2 /NDF: 116508.9/18

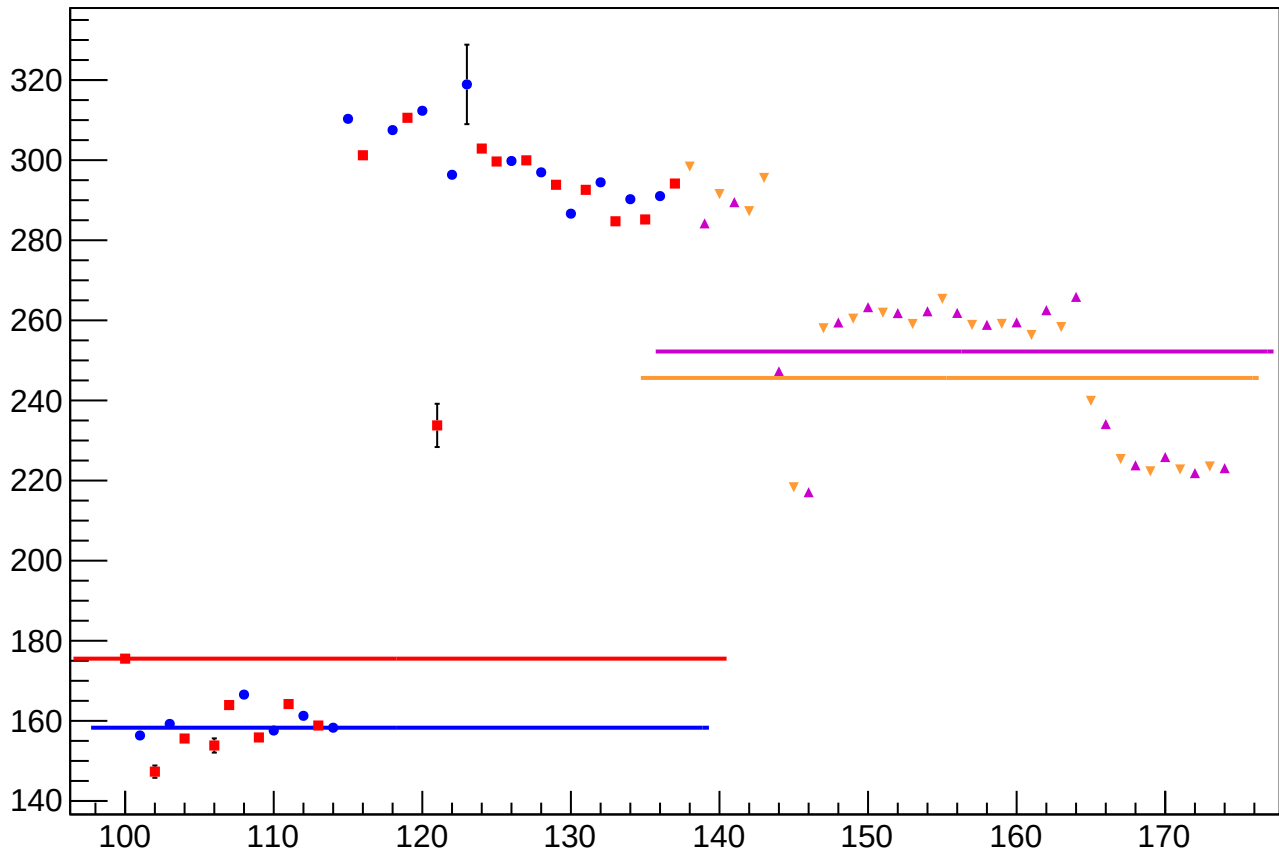
Left In: -17.368 $\pm$ 0.009 χ^2 /NDF: 167740.9/17

+ sign 4.057 $\pm$ 0.000 χ^2 /NDF: 5131836.4/35

All: 4.057 $\pm$ 0.000 χ^2 /NDF: 11555592.6/72

- sign -18.003 $\pm$ 0.009 χ^2 /NDF: 323125.7/36

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2410913.3/16

Left Out: 245.620 $\pm$ 0.028 χ^2 /NDF: 702220.8/18

Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2100196.2/18

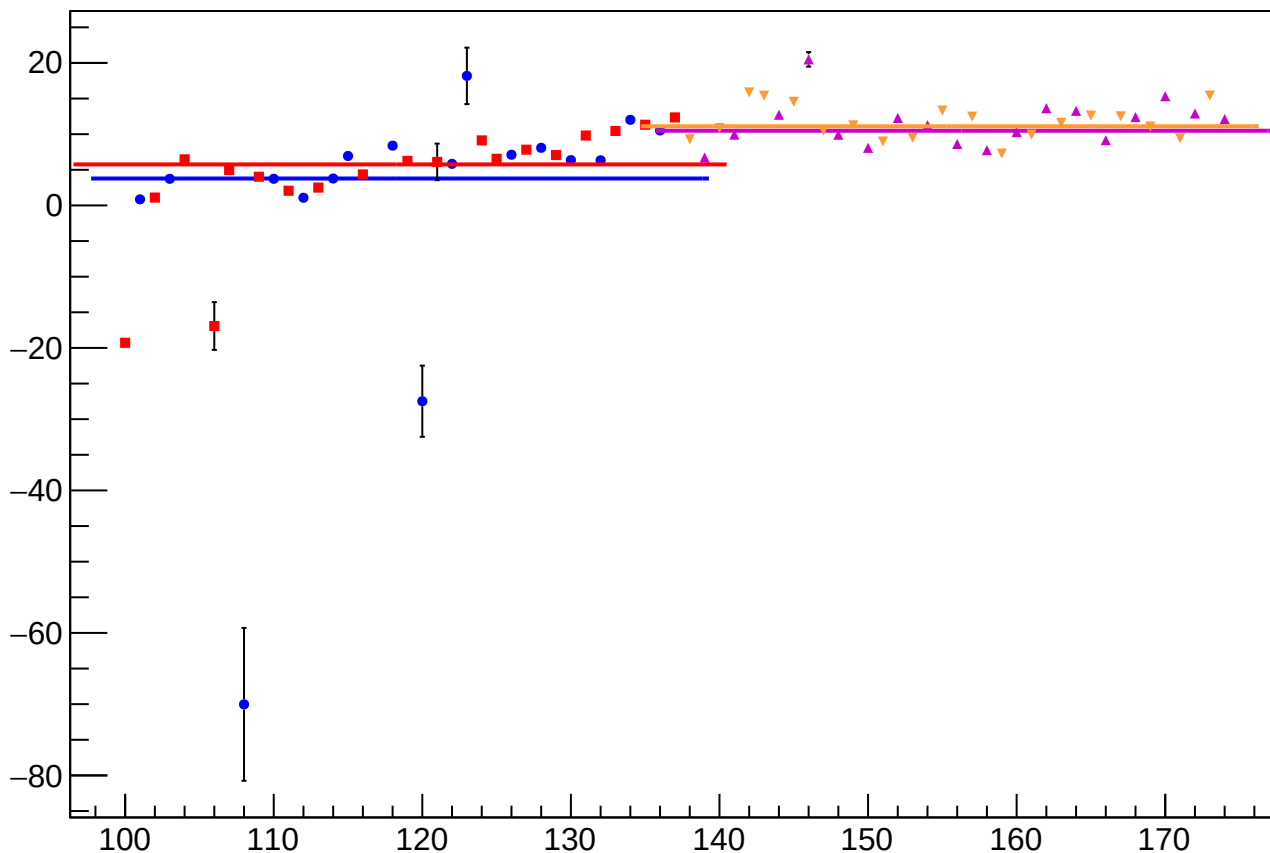
Left In: 252.221 $\pm$ 0.029 χ^2 /NDF: 355781.2/17

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 12969214.5/35

All: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225

- sign 175.536 $\pm$ 0.000 χ^2 /NDF: 9657759.0/36

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 11.111 ± 0.032 χ^2/NDF : 3504.2/18

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

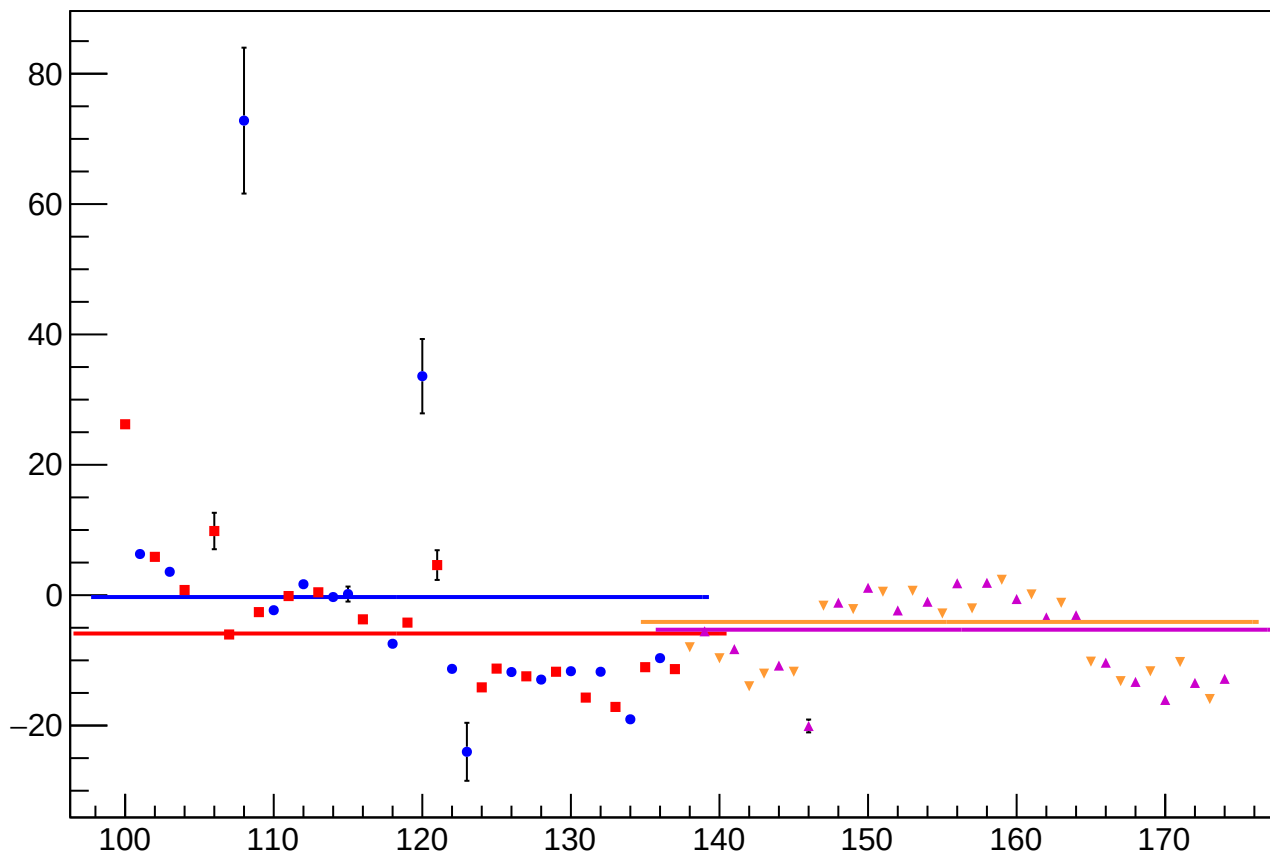
Left In: 10.484 ± 0.029 χ^2/NDF : 8408.3/17

+ sign 3.778 ± 0.000 χ^2/NDF : 61871.4/35

All: 3.778 ± 0.000 χ^2/NDF : 150963.5/72

- sign 7.820 ± 0.019 χ^2/NDF : 45406.7/36

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -4.104 ± 0.032 χ^2/NDF : 27912.5/18

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

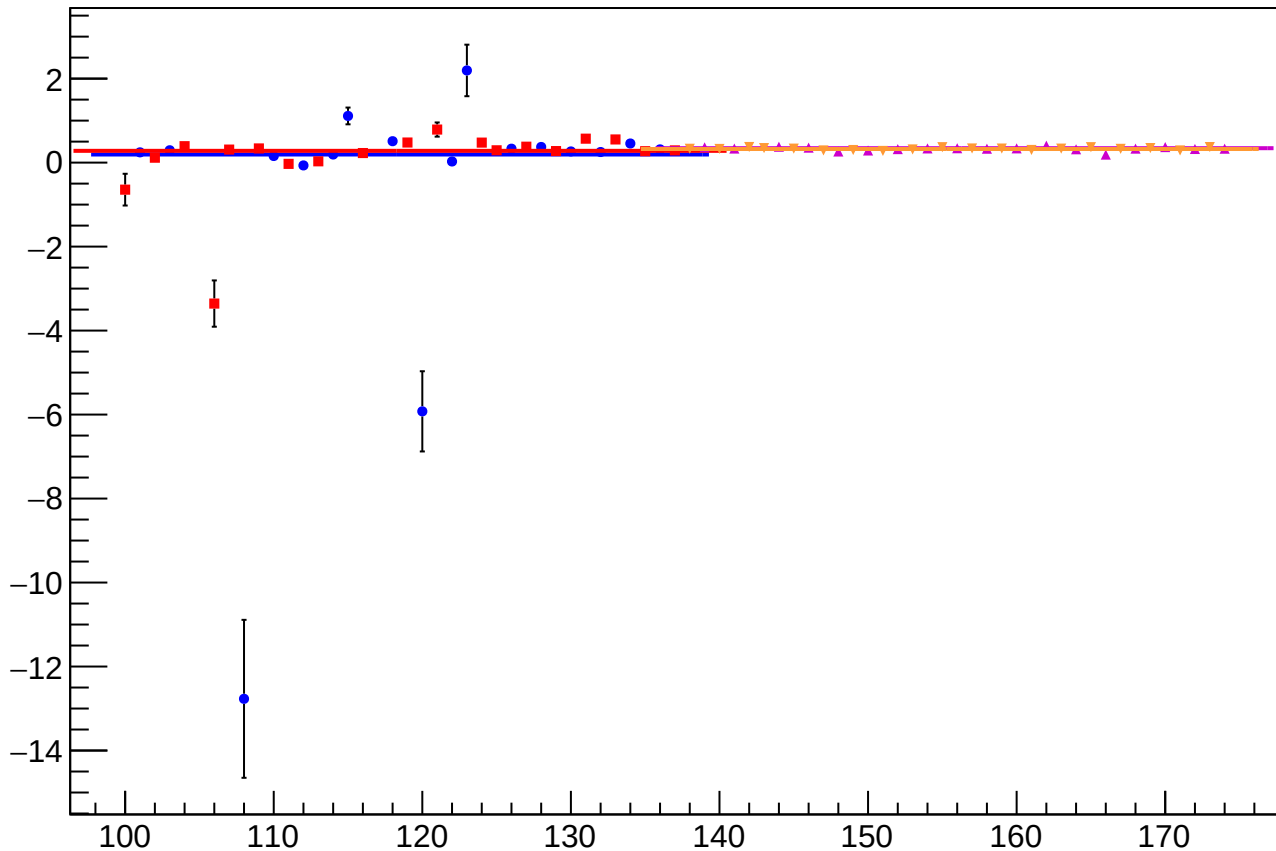
Left In: -5.298 ± 0.030 χ^2/NDF : 46514.4/17

+ sign -0.287 ± 0.000 χ^2/NDF : 86182.4/35

All: -0.287 ± 0.000 χ^2/NDF : 266987.7/72

- sign -5.615 ± 0.020 χ^2/NDF : 110218.4/36

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10027.5/16

Left Out: 0.324 $\pm$ 0.001 χ^2 /NDF: 2048.6/18

Right Out: 0.280 $\pm$ 0.001 χ^2 /NDF: 6059.0/18

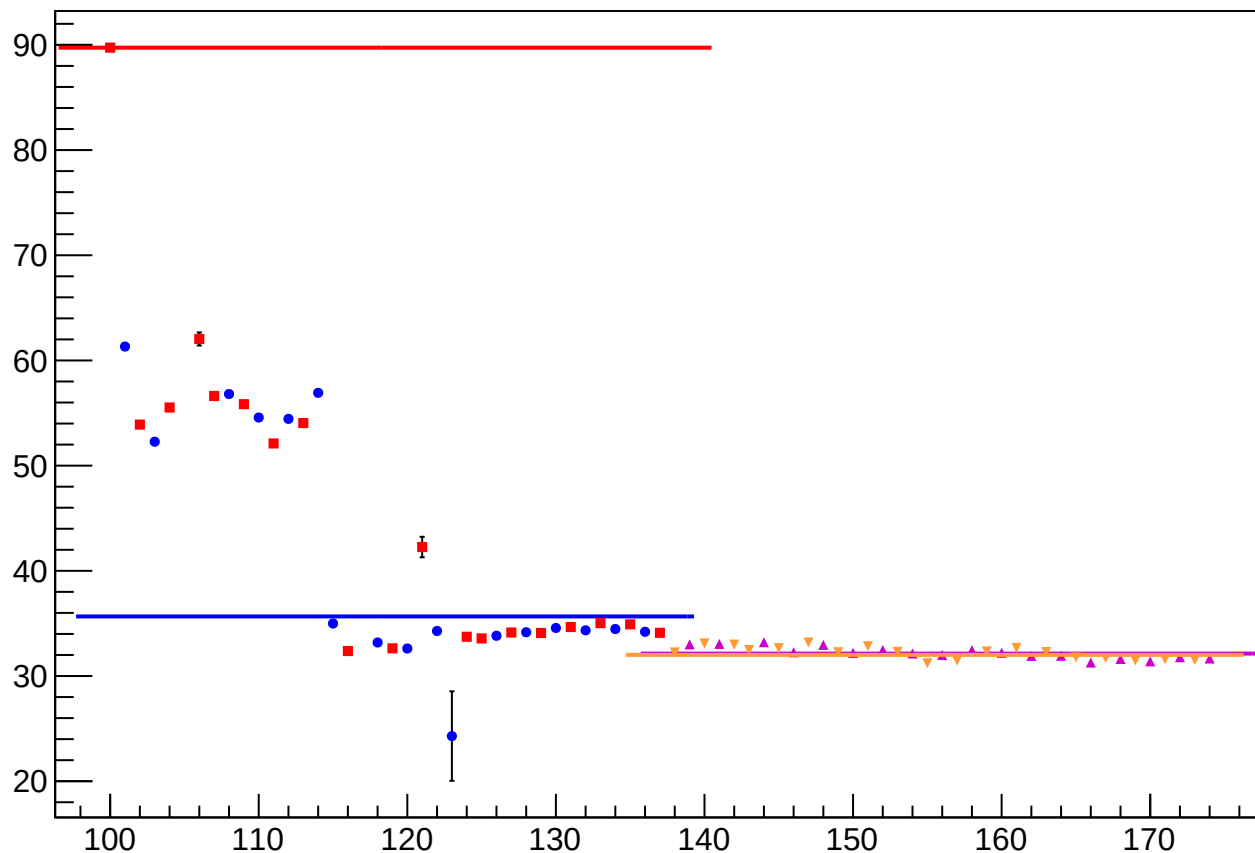
Left In: 0.343 $\pm$ 0.001 χ^2 /NDF: 3413.9/17

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 64618.0/35

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 151644.0/72

- sign 0.336 $\pm$ 0.001 χ^2 /NDF: 11061.5/36

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.010 $\pm$ 0.003 χ^2 /NDF:21553.9/18

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

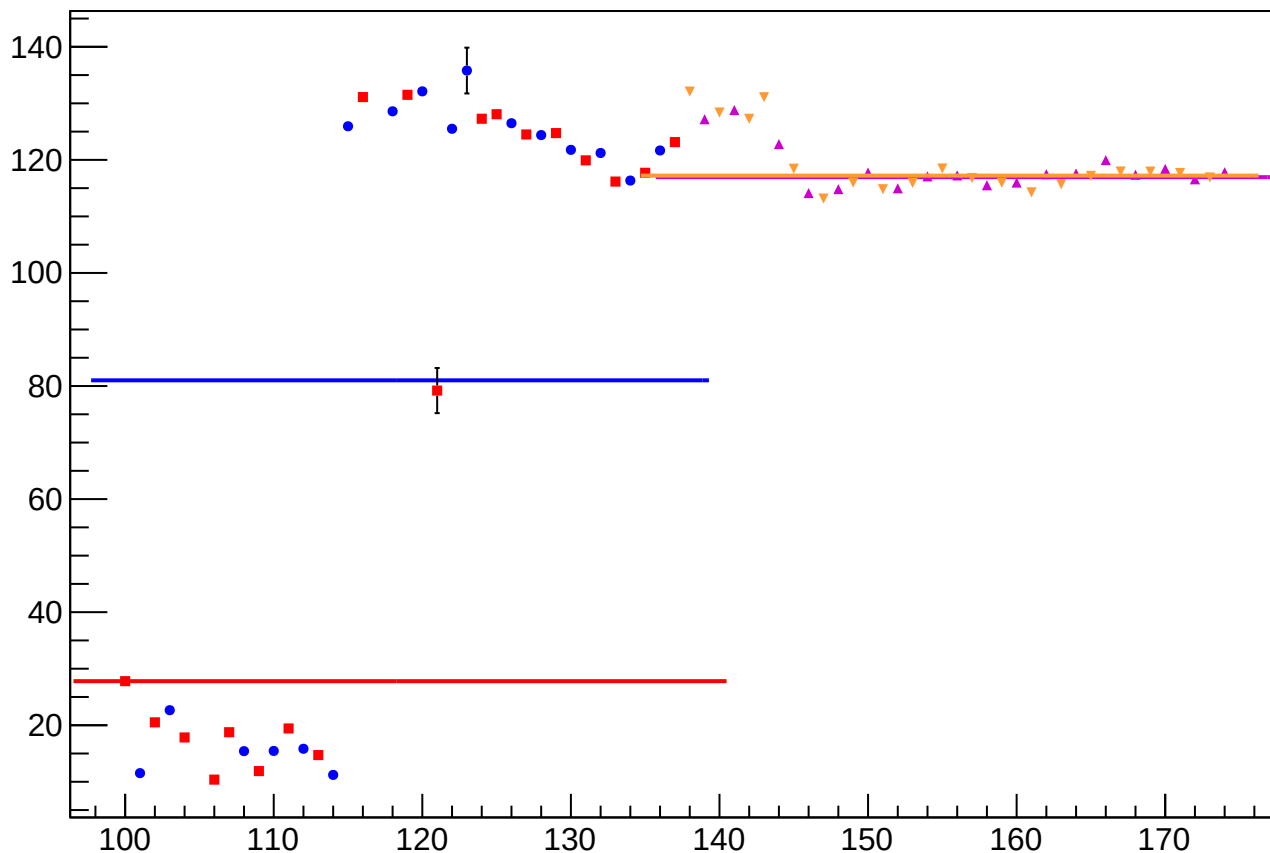
Left In: 32.133 $\pm$ 0.003 χ^2 /NDF:12974.2/17

+ sign 32.286 $\pm$ 0.003 χ^2 /NDF: 335753.2/35

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 640624802.2/72

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 301344236.4/36

dit_sam5_4eY_slope vs Slug



Right In: 81.005 $\pm$ 0.035 χ^2 /NDF: 2228881.4/16

Left Out: 117.220 $\pm$ 0.008 χ^2 /NDF: 141723.3/18

Right Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 9183707.8/18

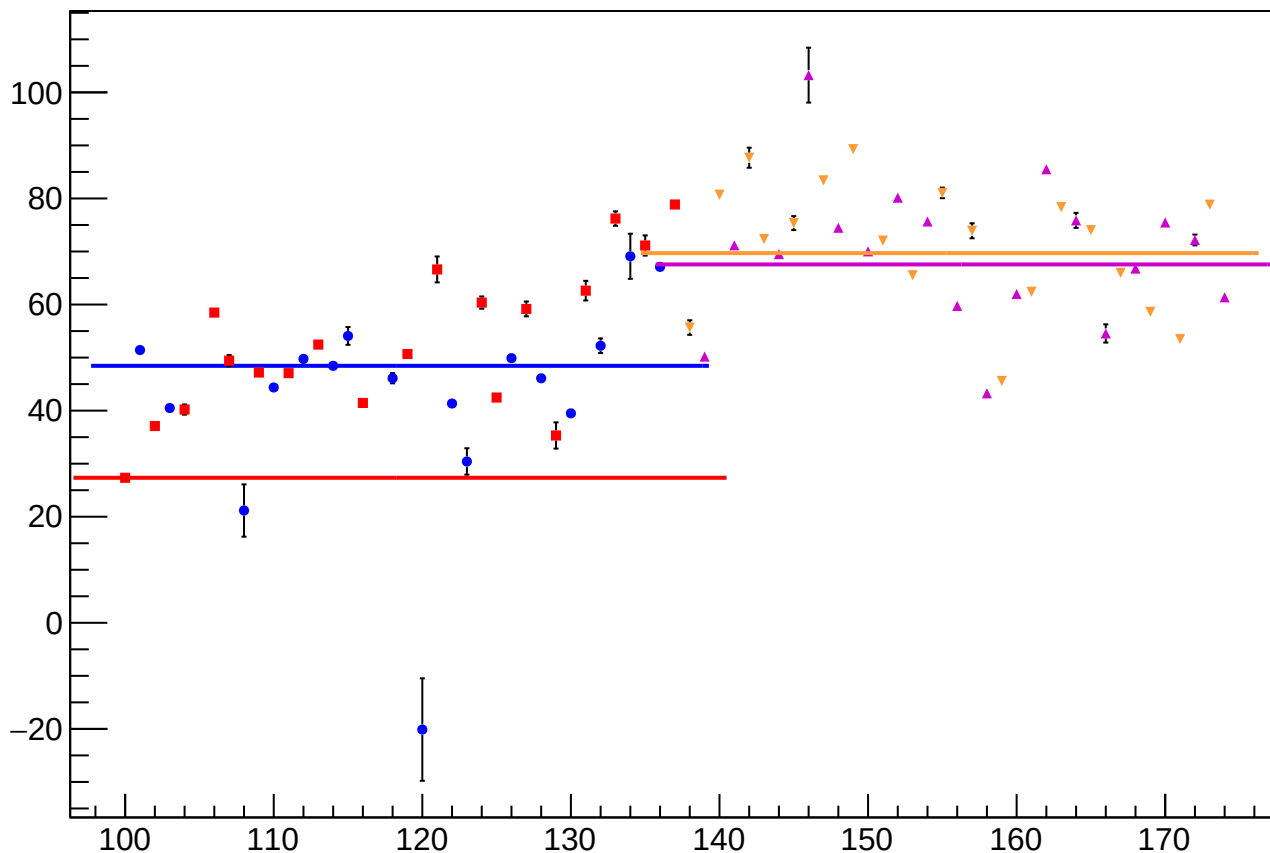
Left In: 116.943 $\pm$ 0.009 χ^2 /NDF: 43358.3/17

+ sign 115.411 $\pm$ 0.008 χ^2 /NDF: 3415513.7/35

All: 27.798 $\pm$ 0.000 χ^2 /NDF: 242699327.5/72

- sign 27.798 $\pm$ 0.000 χ^2 /NDF: 110427722.6/36

dit_sam6_4aX_slope vs Slug



Right In: 48.450 ± 0.000 χ^2/NDF : 2751.4/16

Left Out: 69.695 ± 0.168 χ^2/NDF : 5072.0/18

Right Out: 27.342 ± 0.000 χ^2/NDF : 25810.4/18

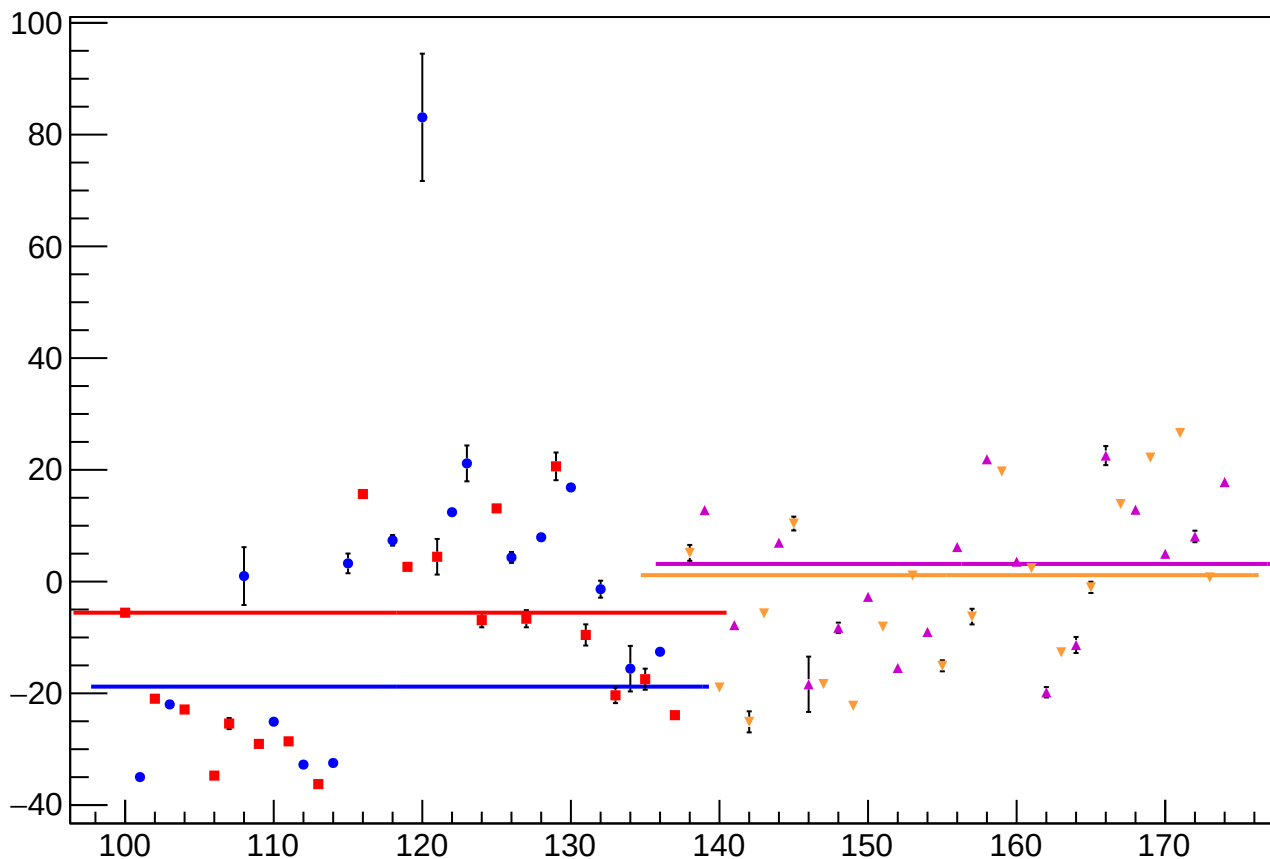
Left In: 67.566 ± 0.142 χ^2/NDF : 5092.0/17

+ sign 48.450 ± 0.000 χ^2/NDF : 23784.6/35

All: 28.365 ± 0.000 χ^2/NDF : 102629010488

- sign 27.342 ± 0.000 χ^2/NDF : 111388.2/36

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: 1.154 ± 0.168 $\chi^2/\text{NDF}: 8097.5/18$

Right Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23097.3/18$

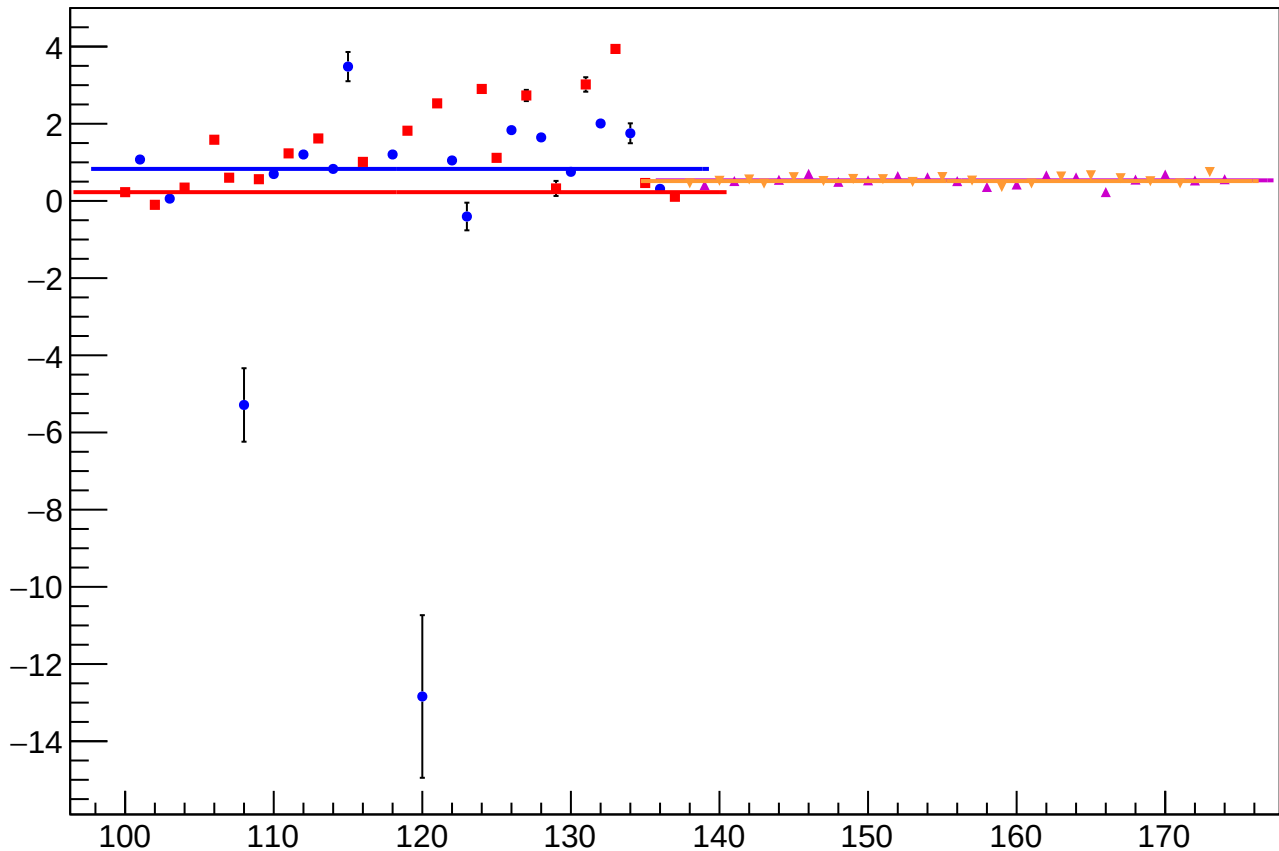
Left In: 3.160 ± 0.142 $\chi^2/\text{NDF}: 5640.4/17$

+ sign -10.047 ± 0.111 $\chi^2/\text{NDF}: 27789.2/35$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 61932.2/72$

- sign -5.568 ± 0.000 $\chi^2/\text{NDF}: 32521.0/36$

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.515 ± 0.001 χ^2/NDF : 12512.2/18

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

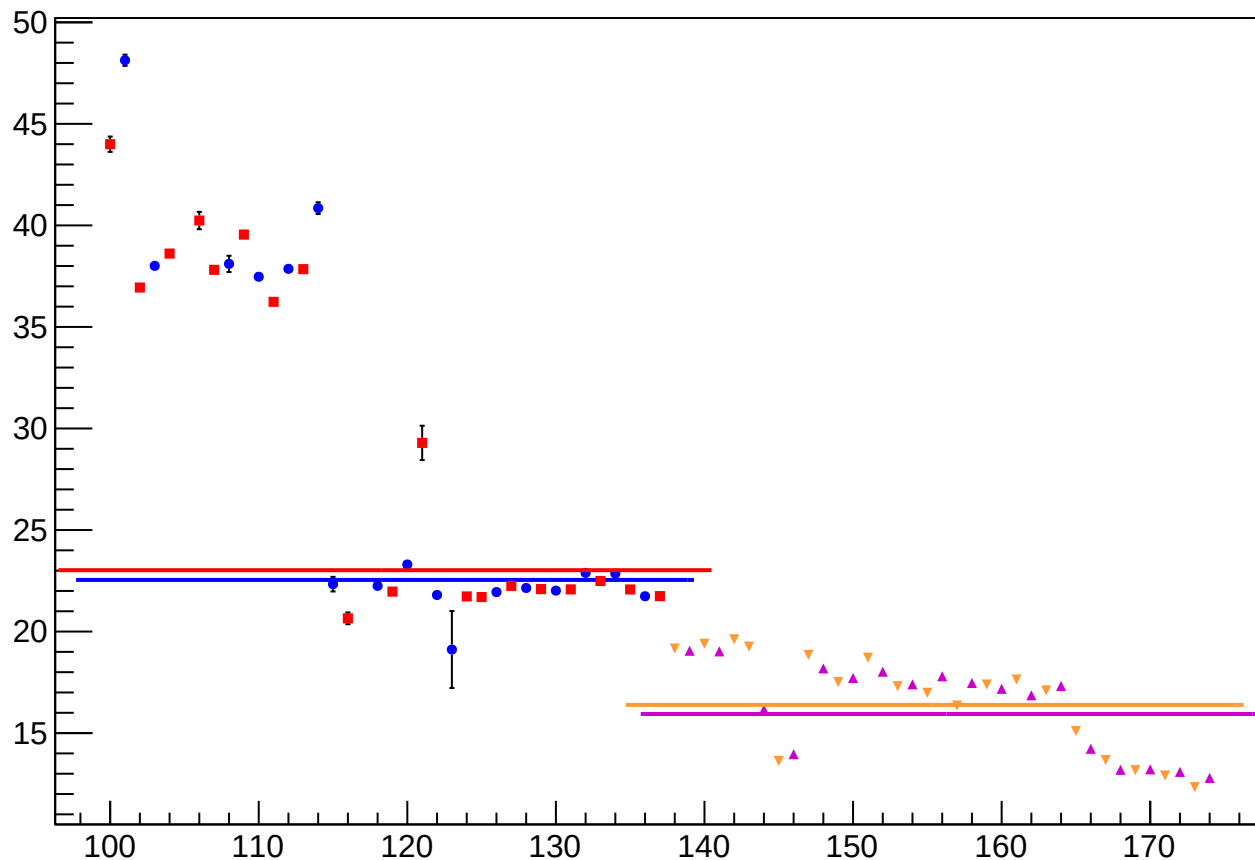
Left In: 0.533 ± 0.001 χ^2/NDF : 9959.6/17

+ sign 0.830 ± 0.000 χ^2/NDF : 114875.6/35

All: 0.289 ± 0.000 χ^2/NDF : 29066082561457

- sign 0.227 ± 0.000 χ^2/NDF : 109856.5/36

dit_sam6_4aY_slope vs Slug



Right In: 22.543 $\pm$ 0.009 χ^2/NDF : 105452.8/16

Left Out: 16.390 $\pm$ 0.005 χ^2/NDF : 217568.8/18

Right Out: 23.023 $\pm$ 0.009 χ^2/NDF : 165838.0/18

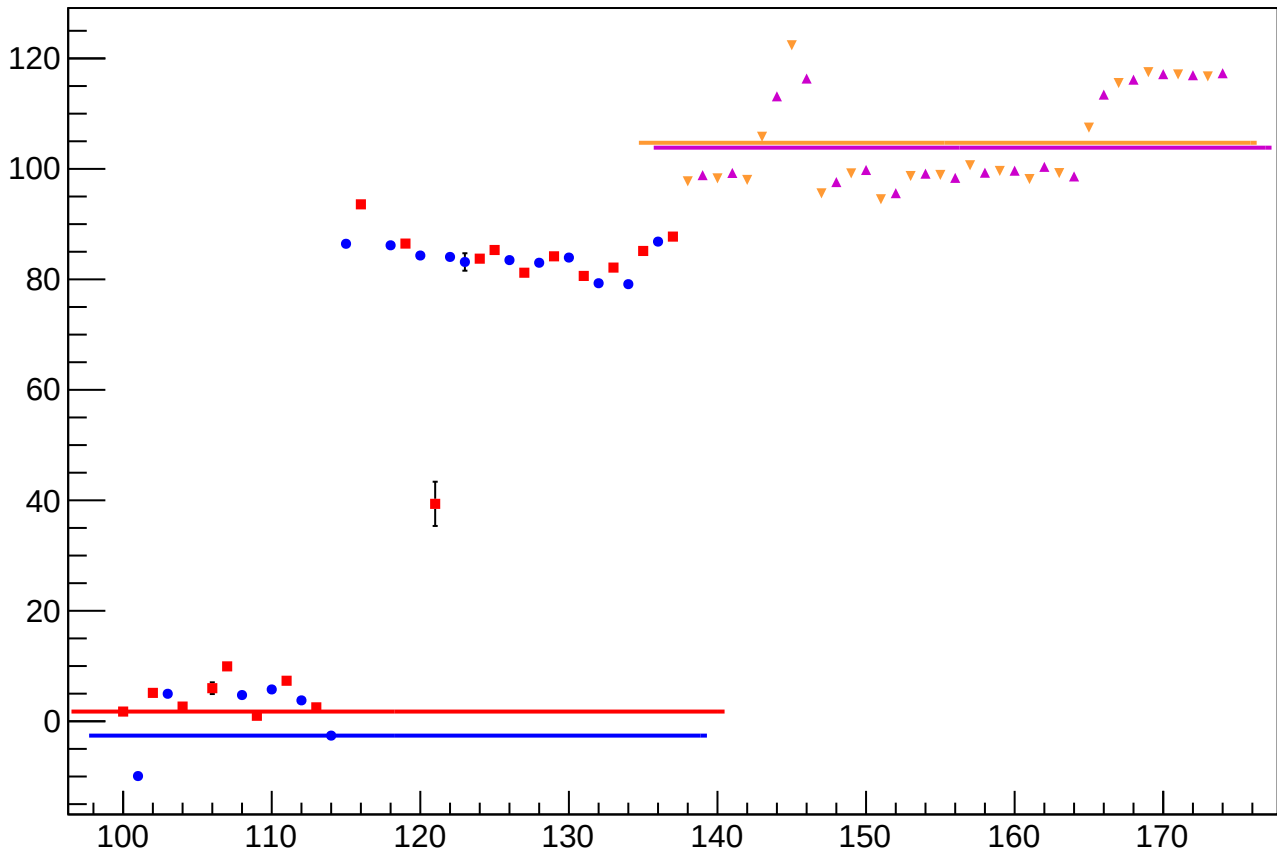
Left In: 15.942 $\pm$ 0.005 χ^2/NDF : 186765.9/17

+ sign 17.786 $\pm$ 0.004 χ^2/NDF : 660689.9/35

All: 17.804 $\pm$ 0.003 χ^2/NDF : 1463198.1/72

- sign 17.824 $\pm$ 0.005 χ^2/NDF : 802473.8/36

dit_sam6_4eY_slope vs Slug



Right In: -2.596 ± 0.000 χ^2/NDF : 7395182.7/16

Left Out: 104.729 ± 0.011 χ^2/NDF : 662545.3/18

Right Out: 1.758 ± 0.000 χ^2/NDF : 4230949.4/18

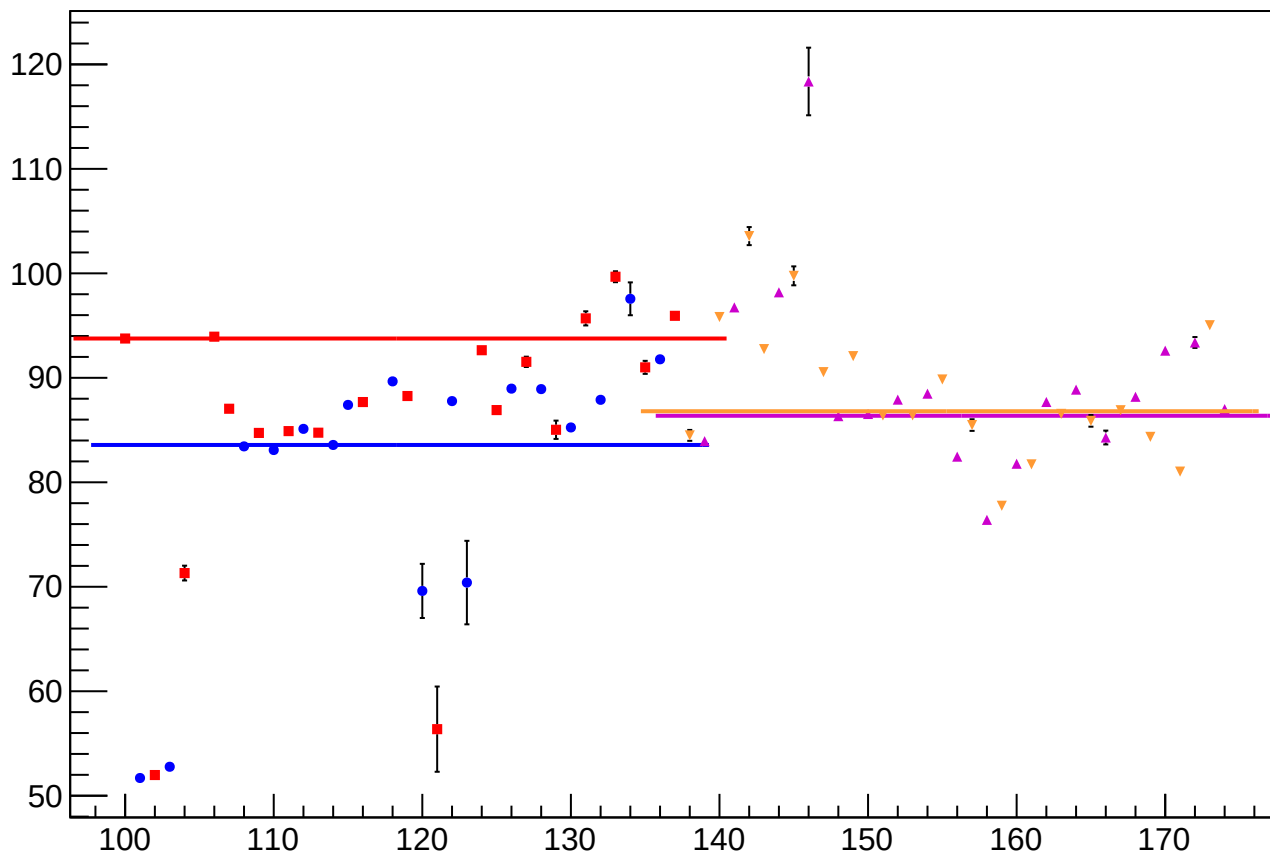
Left In: 103.842 ± 0.011 χ^2/NDF : 556277.8/17

+ sign -2.596 ± 0.000 χ^2/NDF : 107825645.5/35

All: -1.059 ± 0.000 χ^2/NDF : 3731791751577

- sign 1.758 ± 0.000 χ^2/NDF : 92536207.5/36

dit_sam7_4aX_slope vs Slug



Right In: 83.573 $\pm$ 0.000 χ^2 /NDF: 49468.0/16

Left Out: 86.802 $\pm$ 0.069 χ^2 /NDF: 6755.1/18

Right Out: 93.762 $\pm$ 0.000 χ^2 /NDF: 82848.8/18

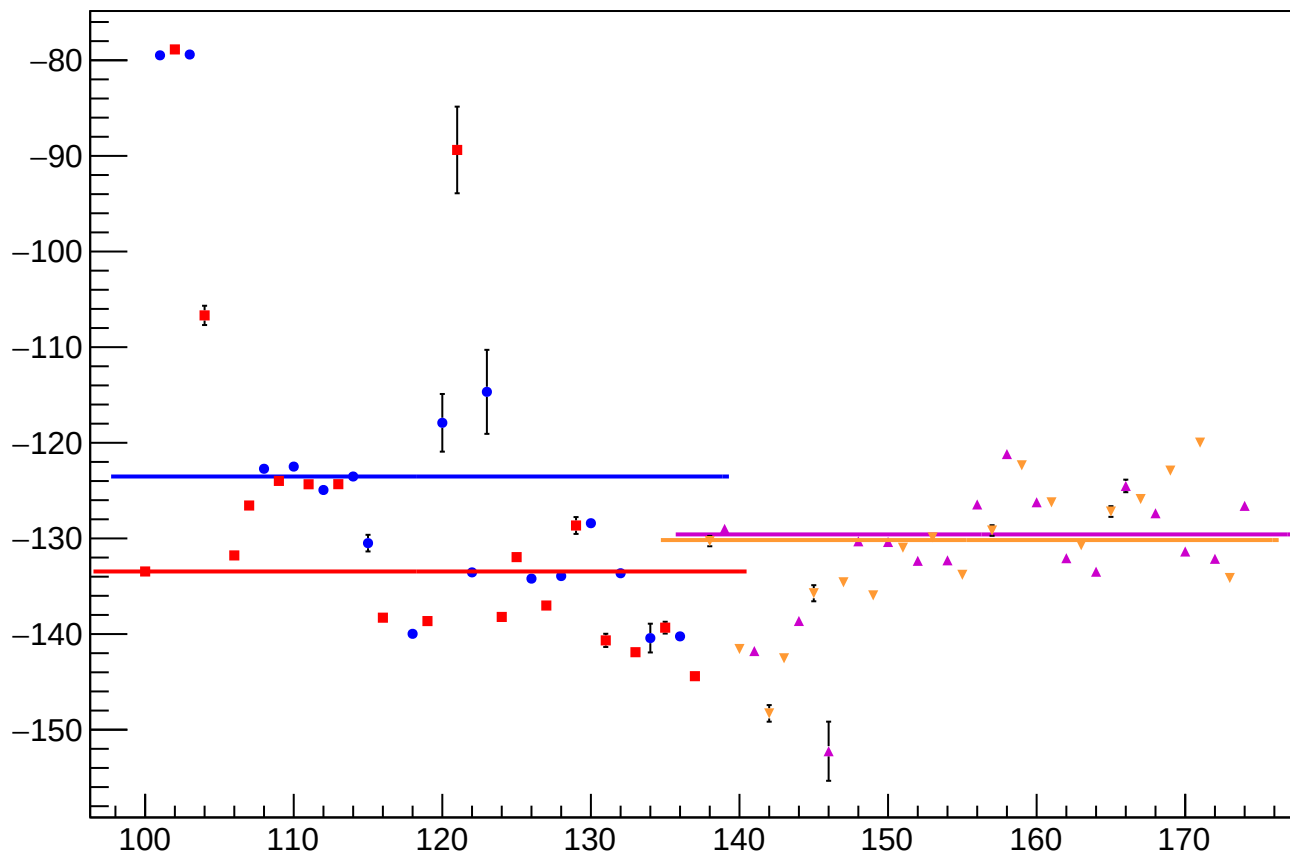
Left In: 86.368 $\pm$ 0.057 χ^2 /NDF: 7356.6/17

+ sign 83.573 $\pm$ 0.000 χ^2 /NDF: 58398.3/35

All: 87.169 $\pm$ 0.000 χ^2 /NDF: 1995684404141

- sign 93.762 $\pm$ 0.000 χ^2 /NDF: 107054.9/36

dit_sam7_4eX_slope vs Slug



Right In: -123.524 ± 0.000 χ^2/NDF : 160356.5/16

Left Out: -130.172 ± 0.069 χ^2/NDF : 9380.0/18

Right Out: -133.456 ± 0.000 χ^2/NDF : 394896.3/18

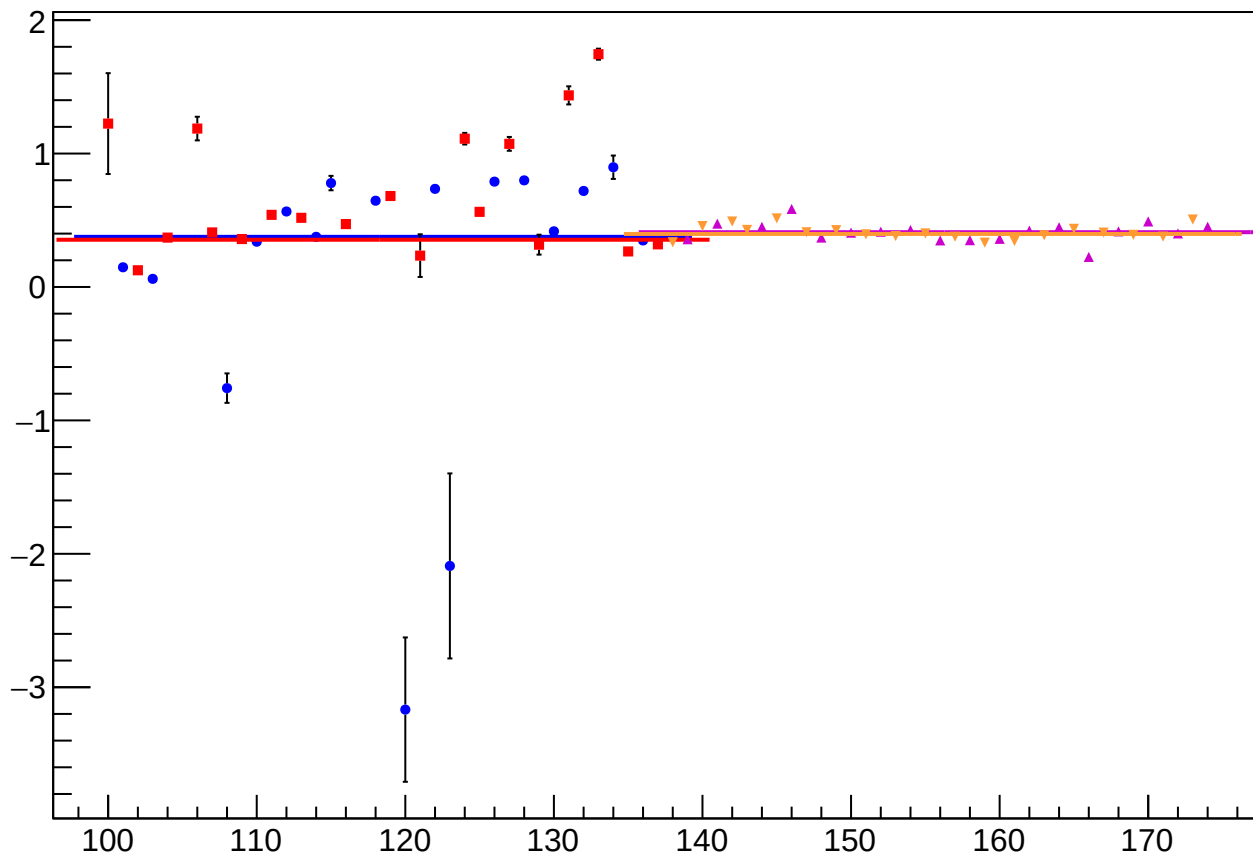
Left In: -129.580 ± 0.056 χ^2/NDF : 5622.1/17

+ sign -123.524 ± 0.000 χ^2/NDF : 179072.5/35

All: -124.716 ± 0.000 χ^2/NDF : 64467869901

- sign -133.456 ± 0.000 χ^2/NDF : 405246.4/36

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.397 $\pm$ 0.001 χ^2 /NDF: 7756.5/18

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

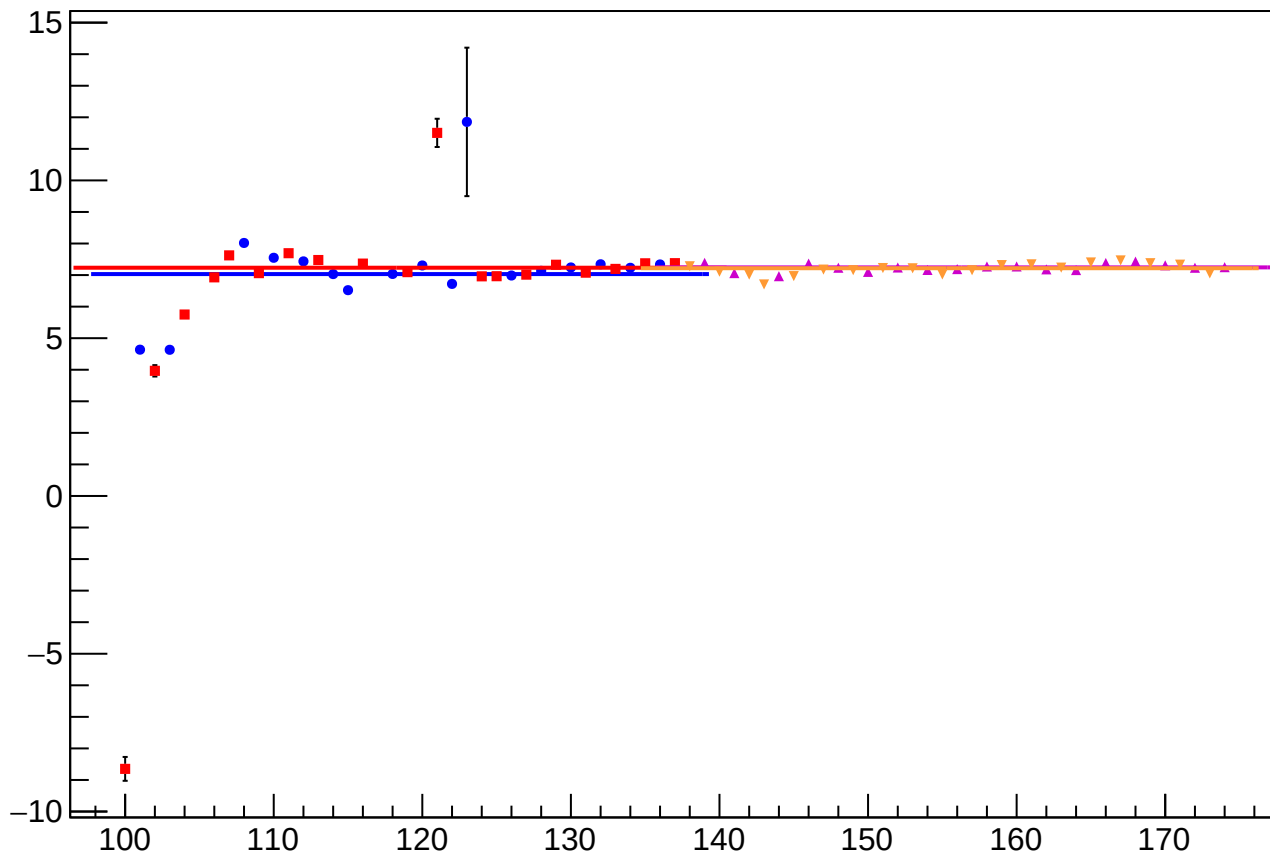
Left In: 0.411 $\pm$ 0.000 χ^2 /NDF: 8008.0/17

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 13414.3/35

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 31675.4/72

- sign 0.406 $\pm$ 0.000 χ^2 /NDF: 13880.4/36

dit_sam7_4aY_slope vs Slug



Right In: 7.032 ± 0.000 χ^2/NDF : 19770.1/16

Left Out: 7.217 ± 0.001 χ^2/NDF : 29007.7/18

Right Out: 7.233 ± 0.002 χ^2/NDF : 10061.8/18

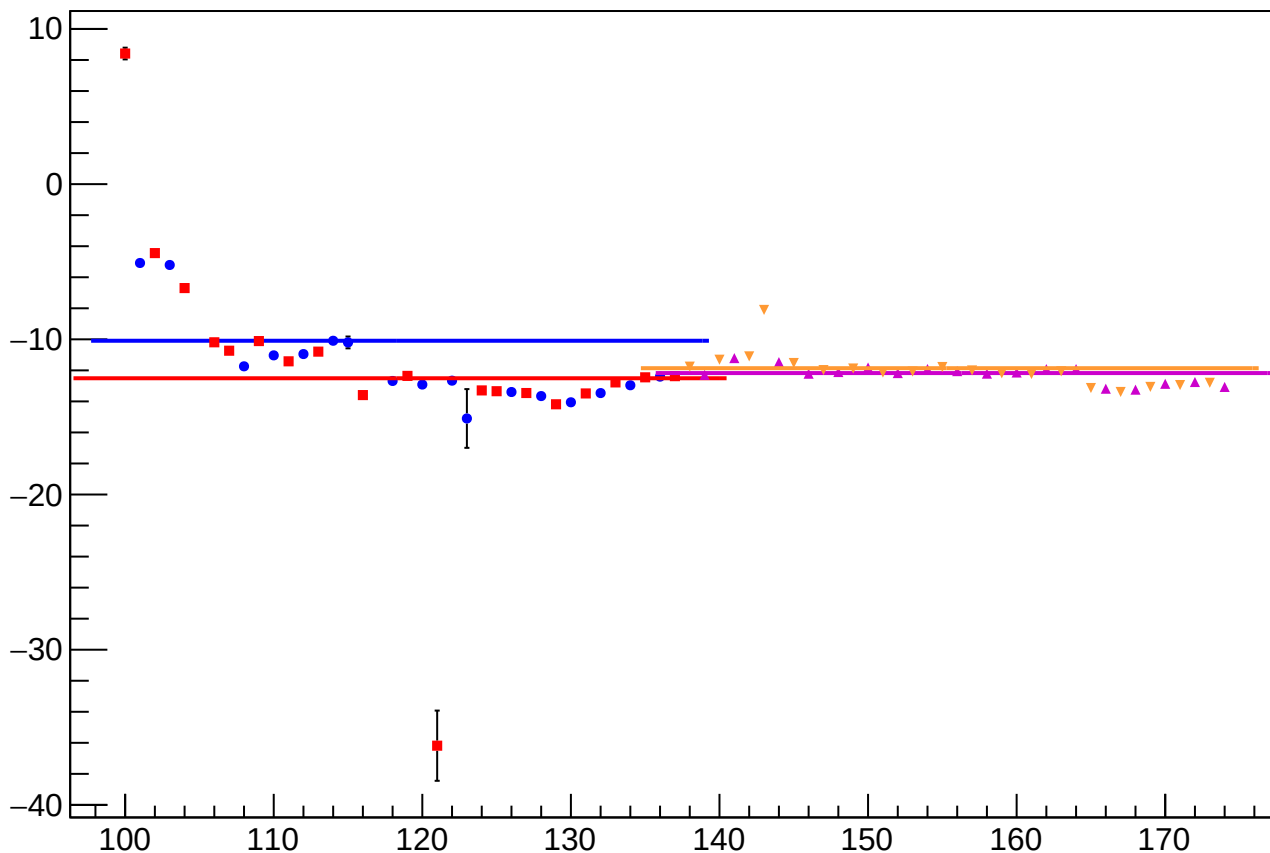
Left In: 7.244 ± 0.001 χ^2/NDF : 18003.3/17

+ sign 7.032 ± 0.000 χ^2/NDF : 88076.7/35

All: 7.032 ± 0.000 χ^2/NDF : 185986.4/72

- sign 7.243 ± 0.001 χ^2/NDF : 28082.8/36

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.860 ± 0.002 χ^2/NDF : 483950.9/18

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

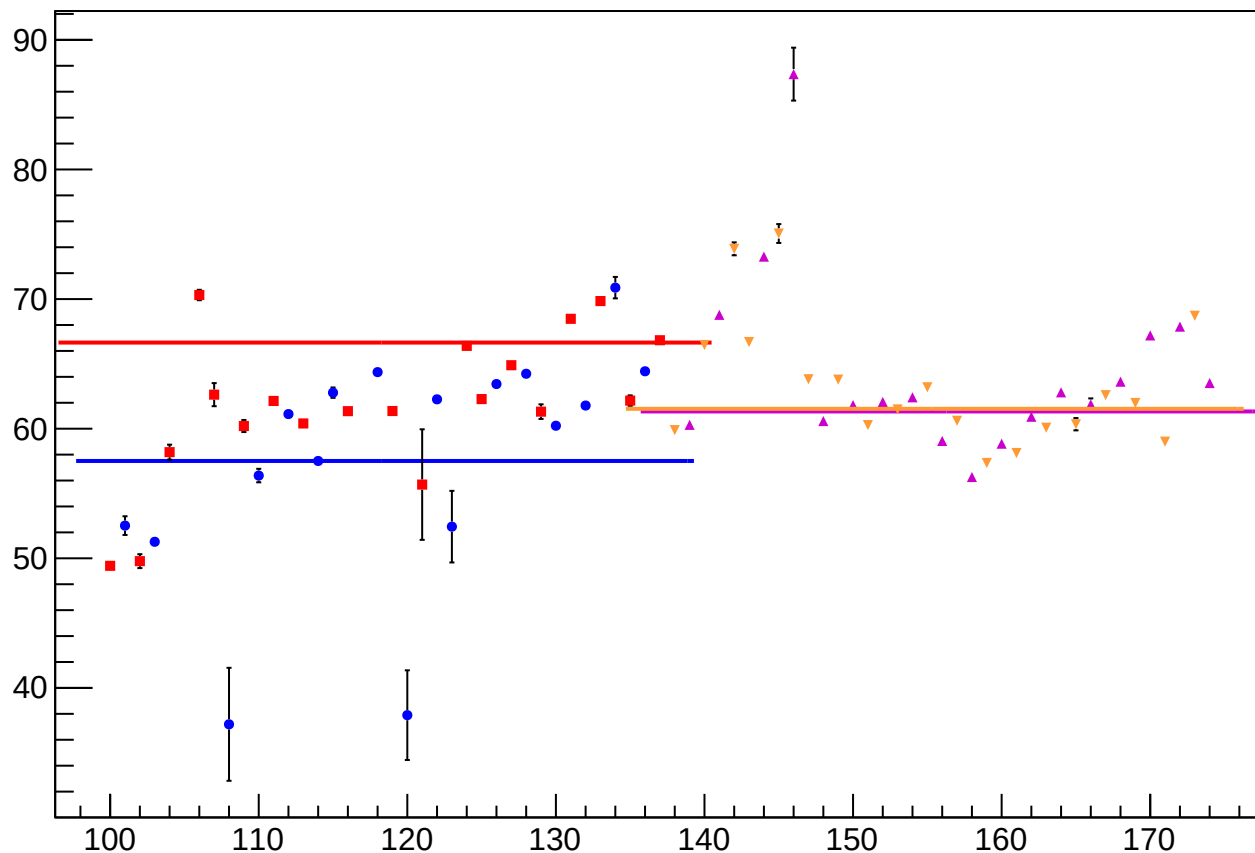
Left In: -12.174 ± 0.002 χ^2/NDF : 47708.9/17

+ sign -10.092 ± 0.000 χ^2/NDF : 2024387.4/35

All: -10.092 ± 0.000 χ^2/NDF : 4011012.8/72

- sign -12.234 ± 0.002 χ^2/NDF : 157759.1/36

dit_sam8_4aX_slope vs Slug



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 61.535 $\pm$ 0.042 χ^2 /NDF: 6957.6/18

Right Out: 66.645 $\pm$ 0.013 χ^2 /NDF: 8163.8/18

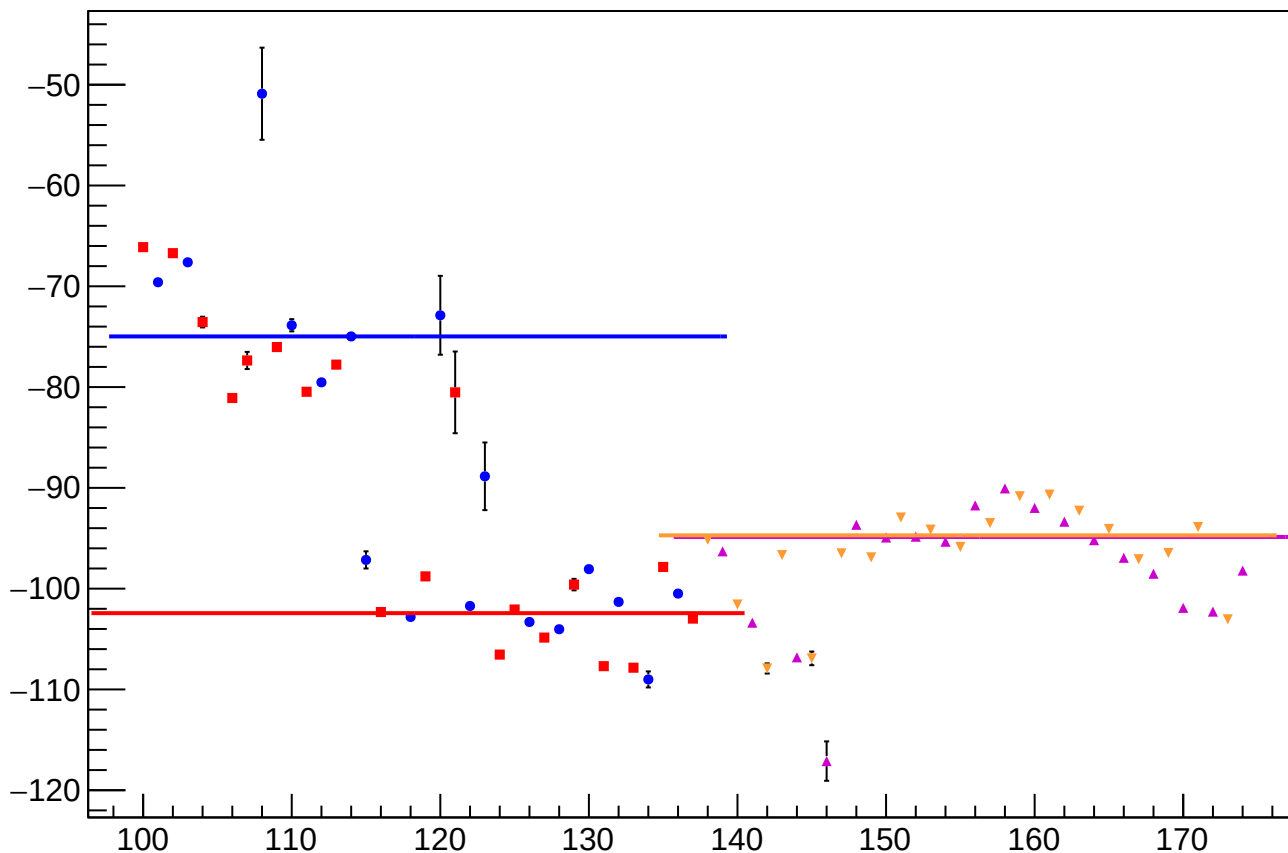
Left In: 61.330 $\pm$ 0.035 χ^2 /NDF: 7940.5/17

+ sign 57.510 $\pm$ 0.000 χ^2 /NDF: 24281.4/35

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 540534.3/72

- sign 65.990 $\pm$ 0.012 χ^2 /NDF: 36449.0/36

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -94.711 ± 0.042 $\chi^2/\text{NDF}: 7536.5/18$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

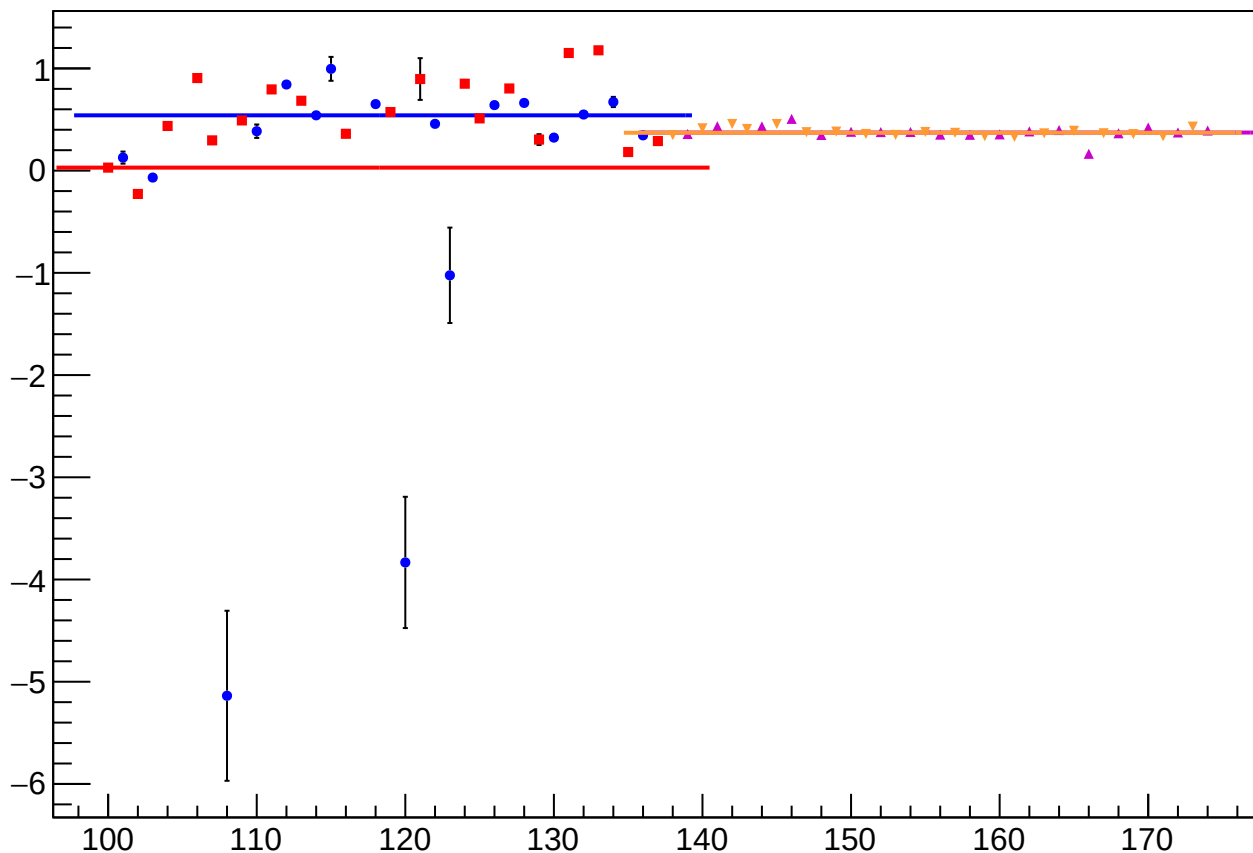
Left In: -94.871 ± 0.035 $\chi^2/\text{NDF}: 9598.6/17$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 359815.9/35$

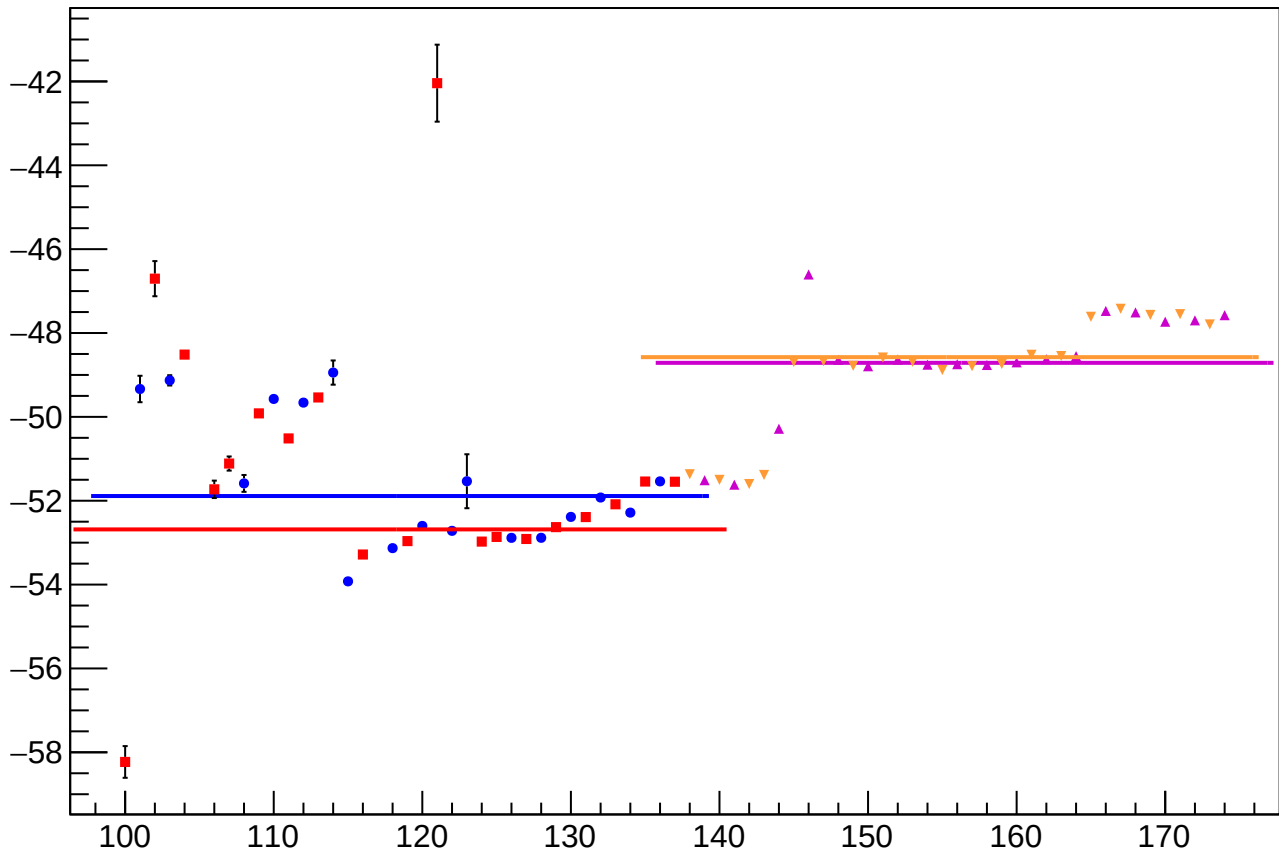
All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 3112218.1/72$

- sign -100.899 ± 0.016 $\chi^2/\text{NDF}: 96438.5/36$

dit_sam8_11X12X_slope vs Slug



dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 χ^2/NDF : 77585.2/16

Left Out: -48.576 ± 0.001 χ^2/NDF : 647105.0/18

Right Out: -52.684 ± 0.003 χ^2/NDF : 56125.8/18

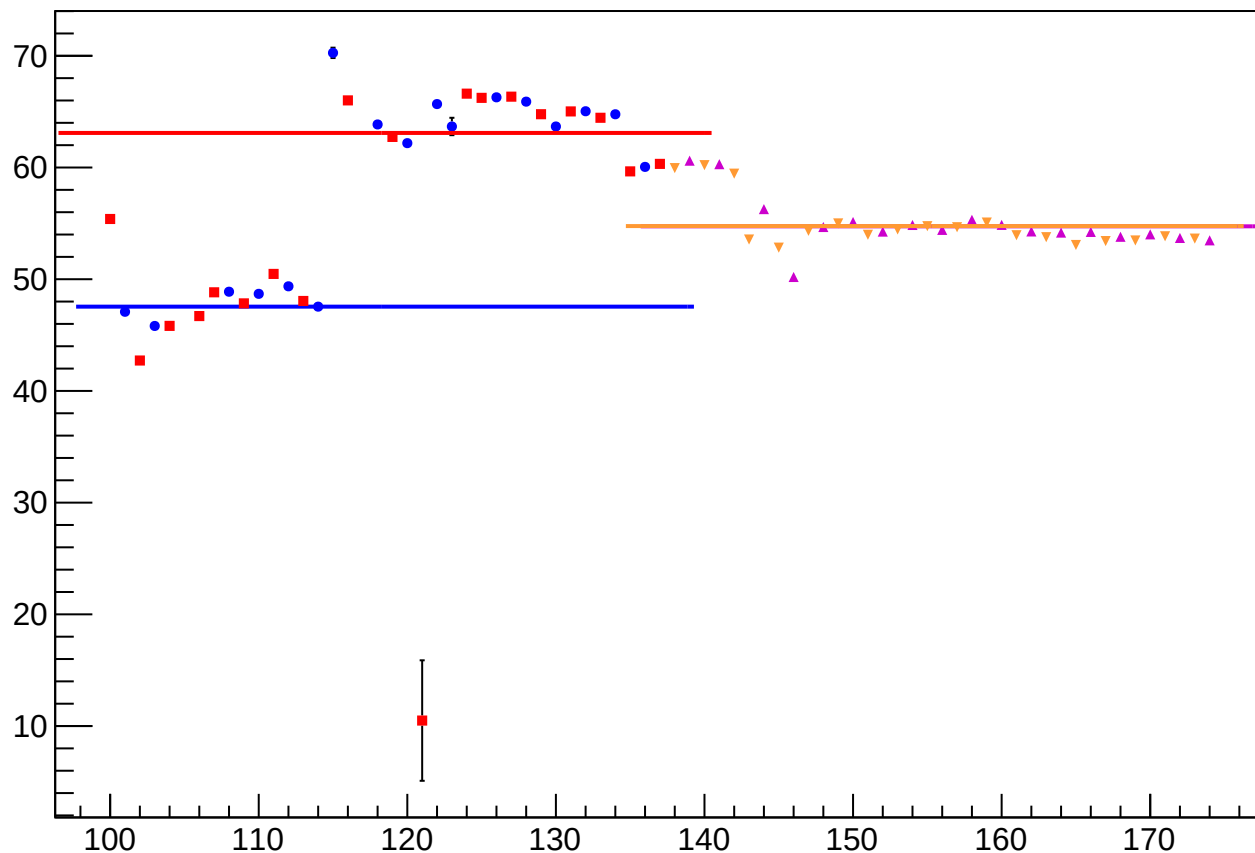
Left In: -48.711 ± 0.001 χ^2/NDF : 768819.1/17

+ sign -49.246 ± 0.001 χ^2/NDF : 2487281.8/35

All: -49.221 ± 0.001 χ^2/NDF : 5425237.0/72

- sign -49.201 ± 0.001 χ^2/NDF : 2936837.4/36

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 54.757 $\pm$ 0.003 χ^2 /NDF: 282791.5/18

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

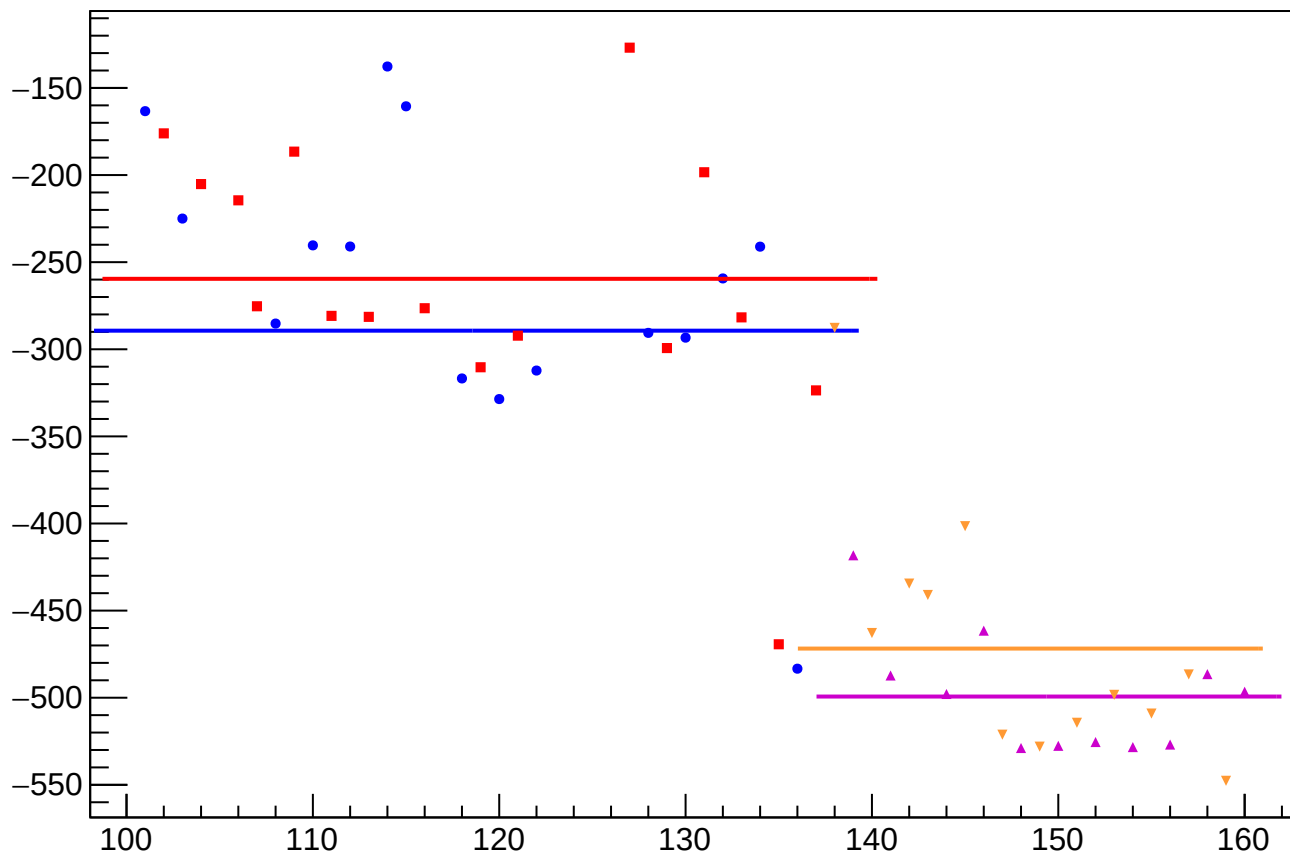
Left In: 54.736 $\pm$ 0.003 χ^2 /NDF: 93620.4/17

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9608065.1/35

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 21867886.7/72

- sign 55.654 $\pm$ 0.002 χ^2 /NDF: 1541041.0/36

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -471.791+/-0.000 χ^2/NDF : 4407577357733372304653153526381281280.0/11

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

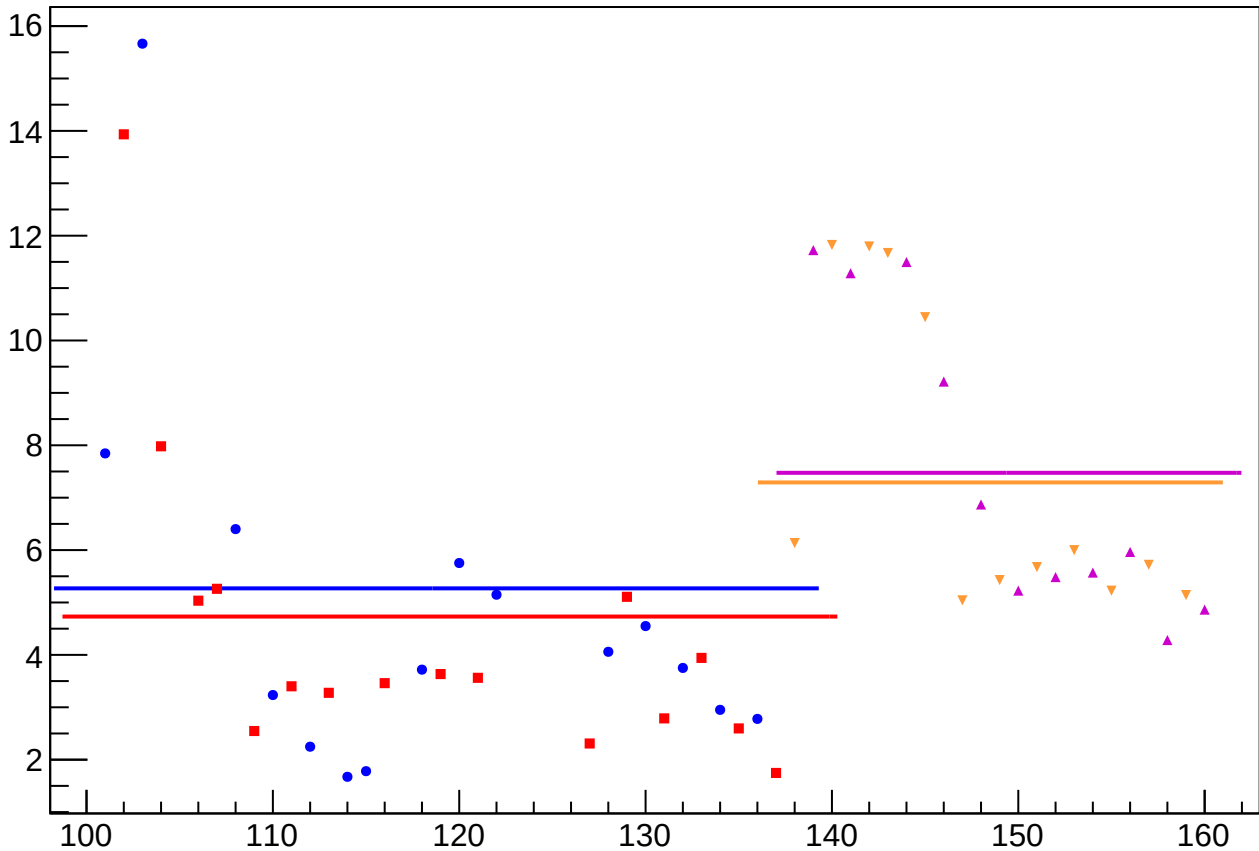
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 7.291+/-0.000 χ^2/NDF : 6718053515172863885836432351166464.0/11

Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

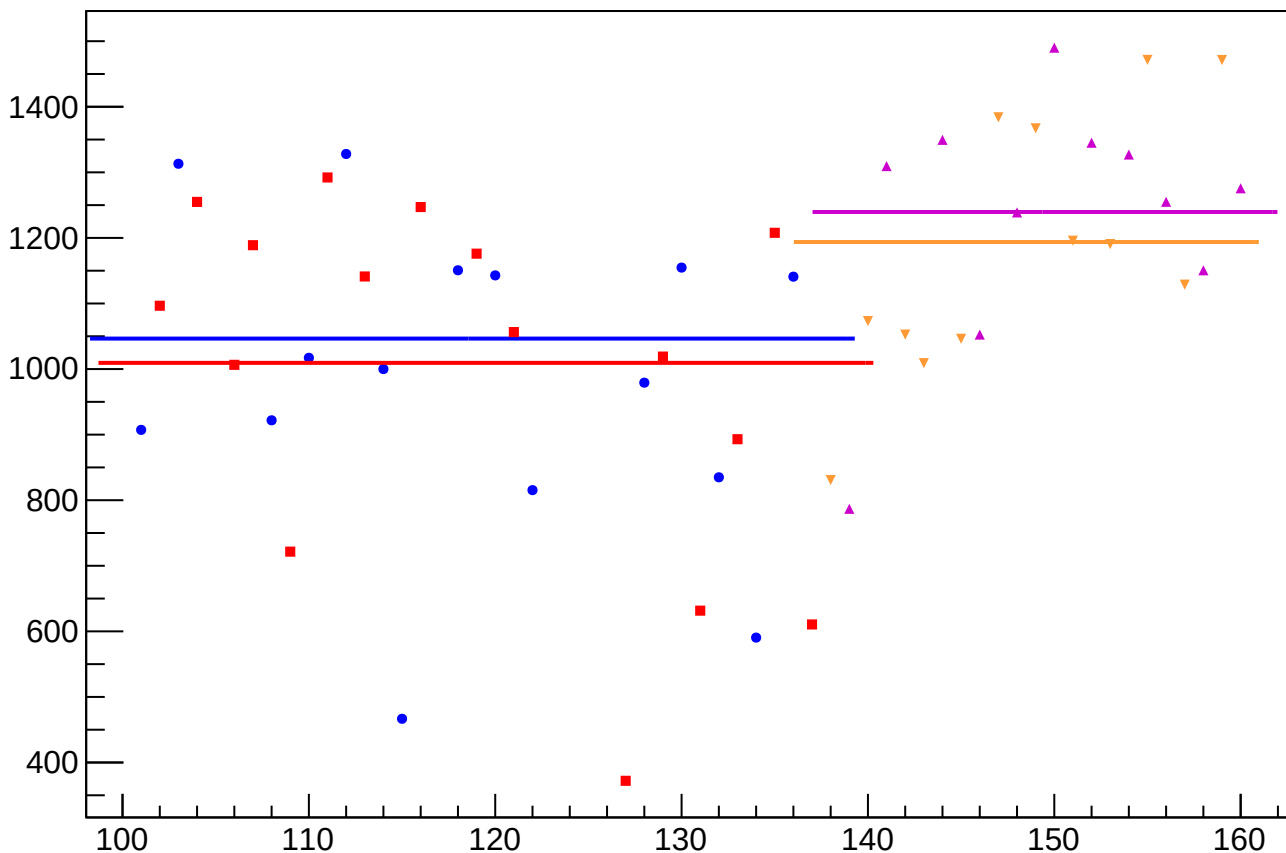
Left In: 7.475+/-0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

+ sign 6.452+/-0.000 χ^2/NDF : 16978559973735600

All: 6.388+/-0.000 χ^2/NDF : 33820915421032

- sign 6.325+/-0.000 χ^2/NDF : 16829636305354281

dit_4aX_coil1_Ndata_mean vs Slug



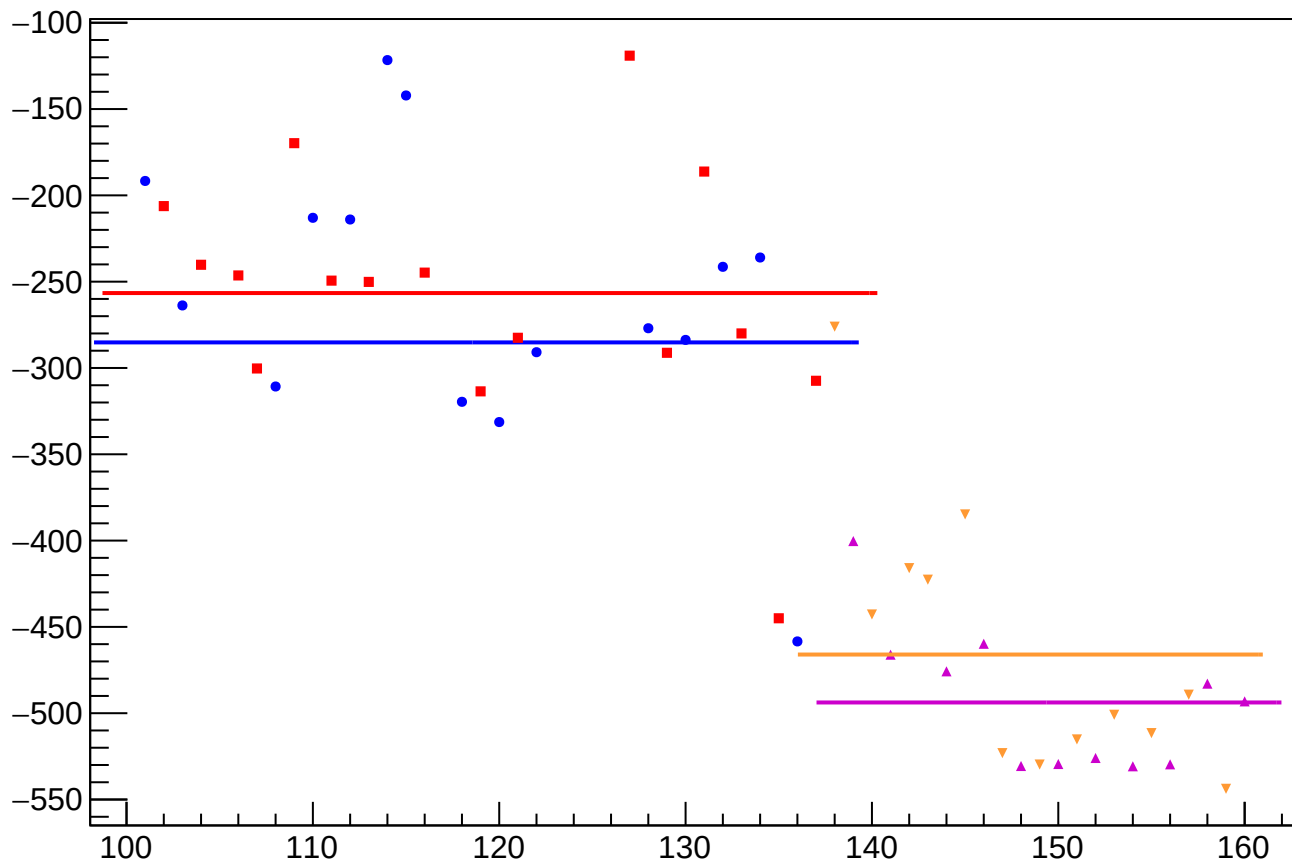
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -466.012+/-0.000 χ^2/NDF : 5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

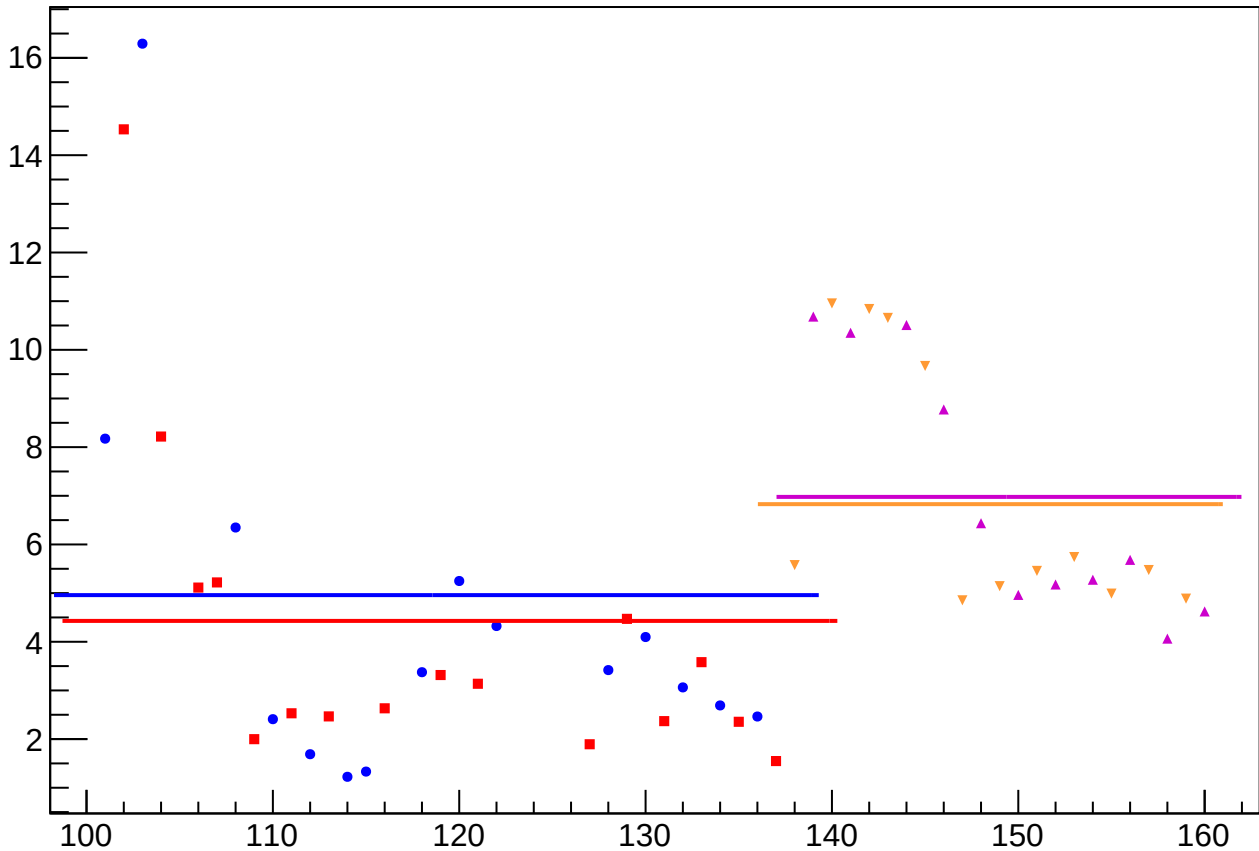
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF : 22079891664929

All: -392.652+/-0.000 χ^2/NDF : 48980613059

- sign -394.346+/-0.000 χ^2/NDF : 268915126522349

dit_4eX_coil1_err_mean vs Slug



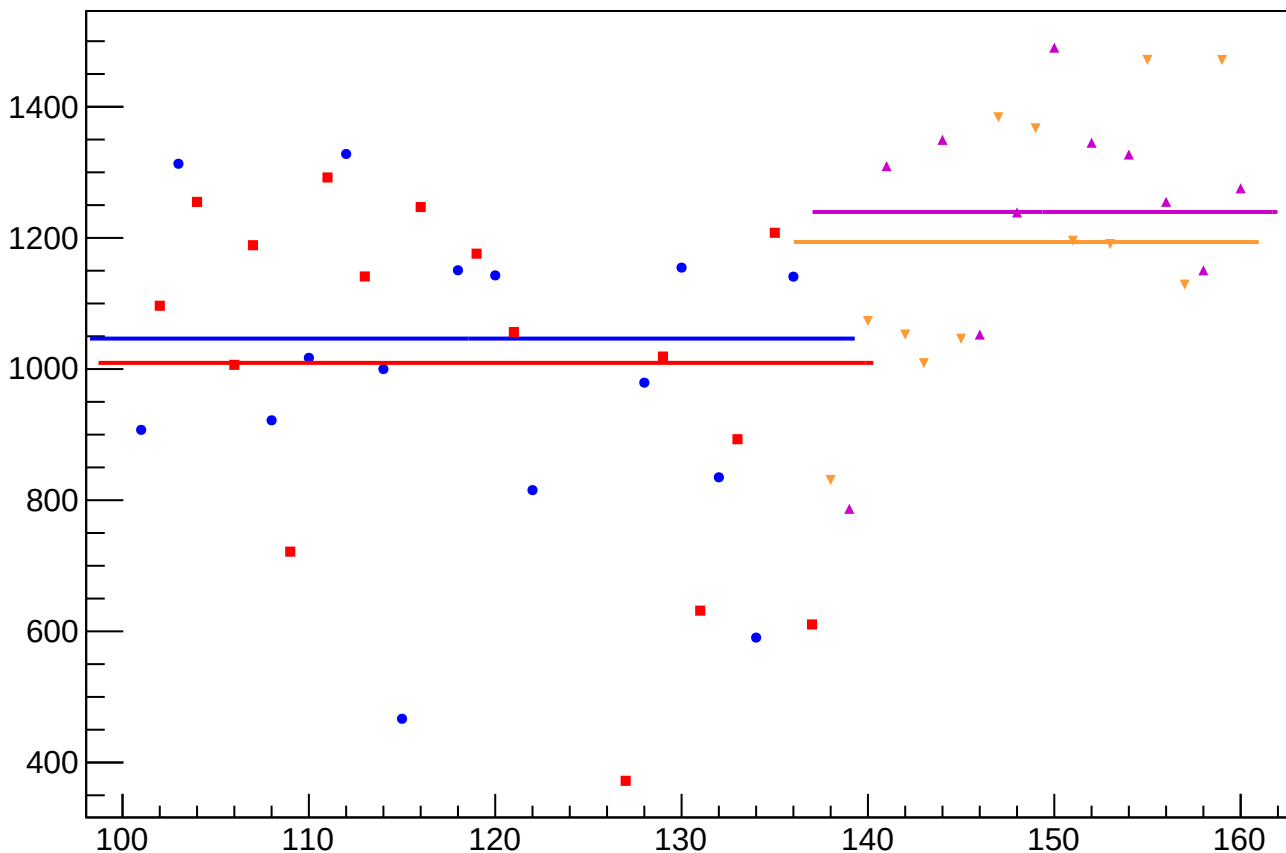
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 6.828+/-0.000 χ^2/NDF : 5374095498583312473439971131260928.0/11

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 6.978+/-0.000 χ^2/NDF : 5622697014277754941158413236699136.0/10

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

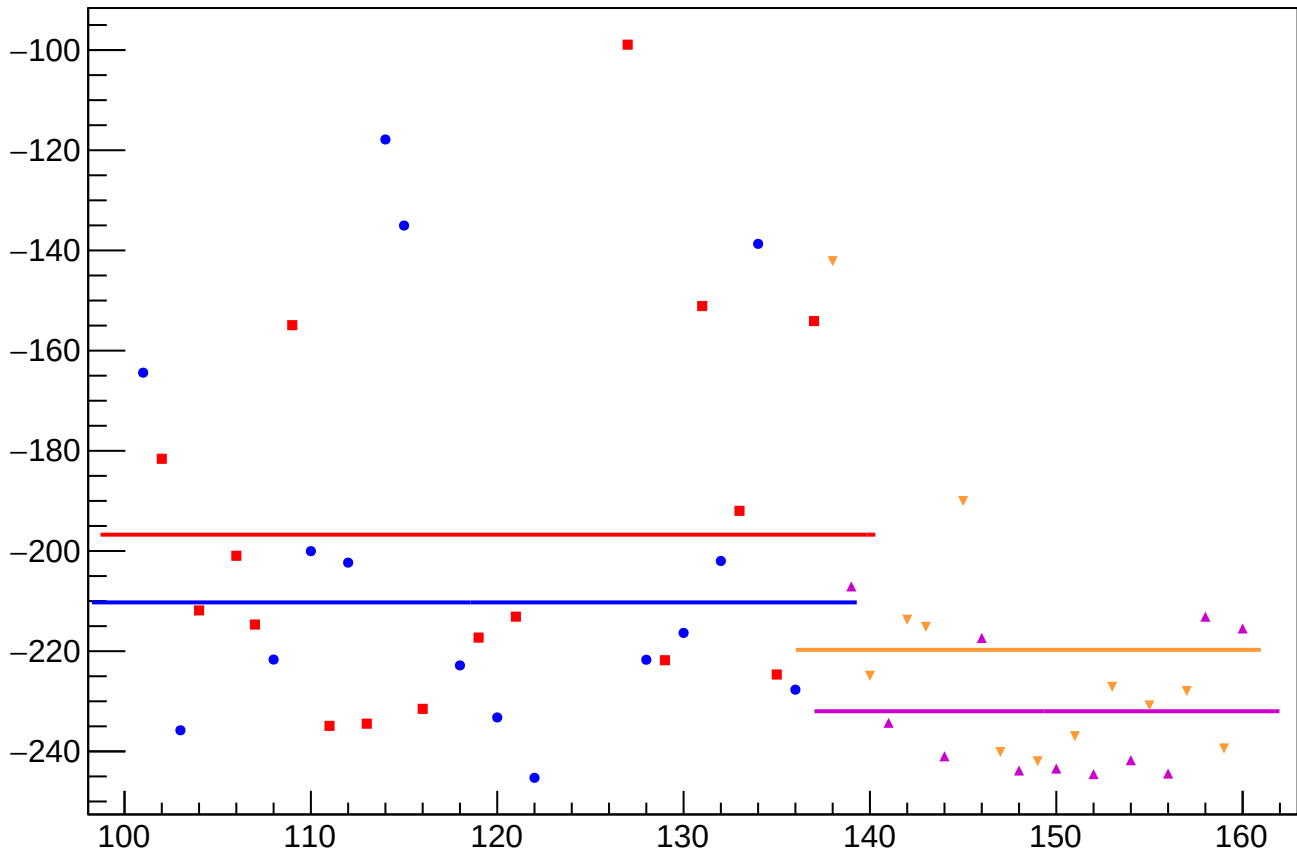
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -219.729+/-0.000 χ^2/NDF : 691090878567021644145539364306288640.0/11

Right Out: -196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

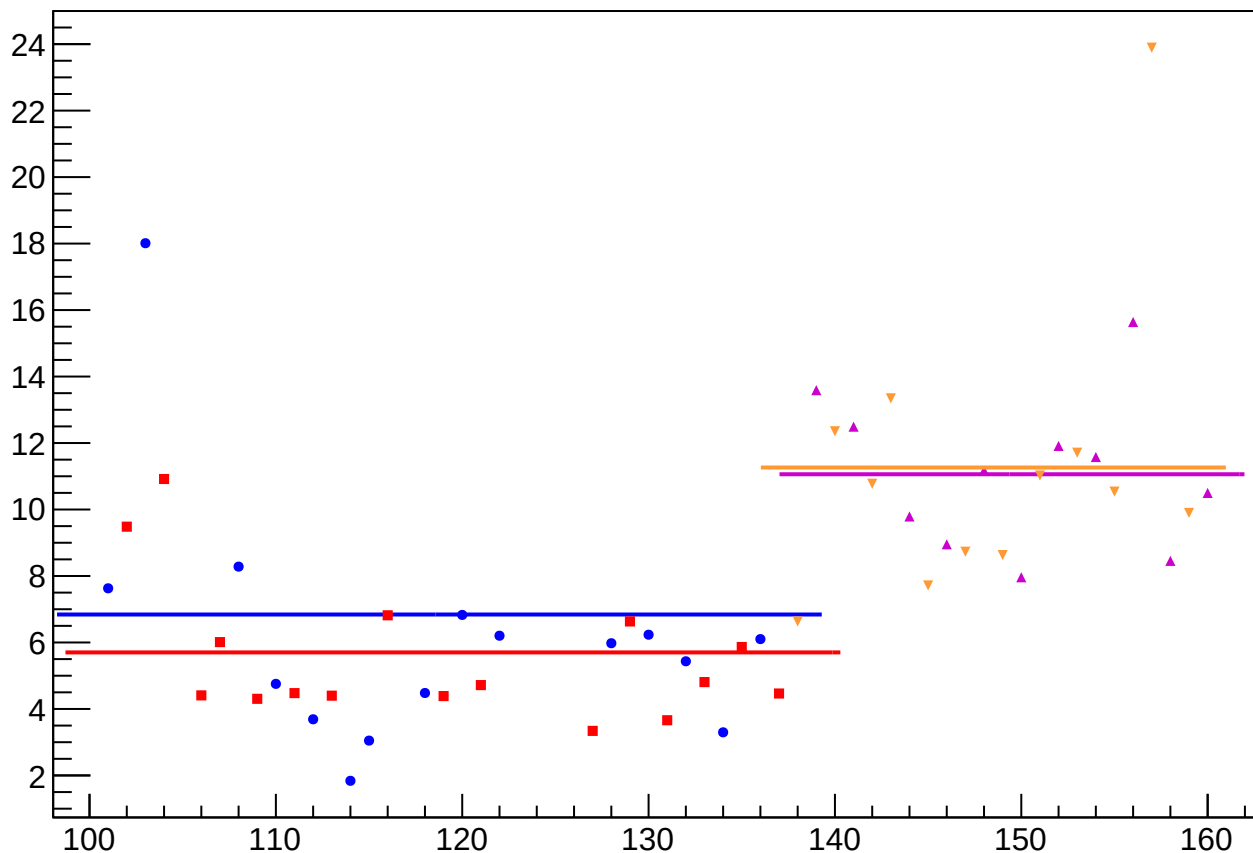
Left In: -231.985+/-0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ sign -215.798+/-0.000 χ^2/NDF : 12928194150556

All: -216.509+/-0.000 χ^2/NDF : 28682587905

- sign -217.208+/-0.000 χ^2/NDF : 157387232918828

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000

χ^2/NDF : 9355934166823324467316647620771840.0/14

Left Out: 11.263+/-0.000

χ^2/NDF : 16950484304495826735526537389408256.0/11

Right Out: 5.701+/-0.000

χ^2/NDF : 3174693398300953393137731791486976.0/15

Left In: 11.061+/-0.000

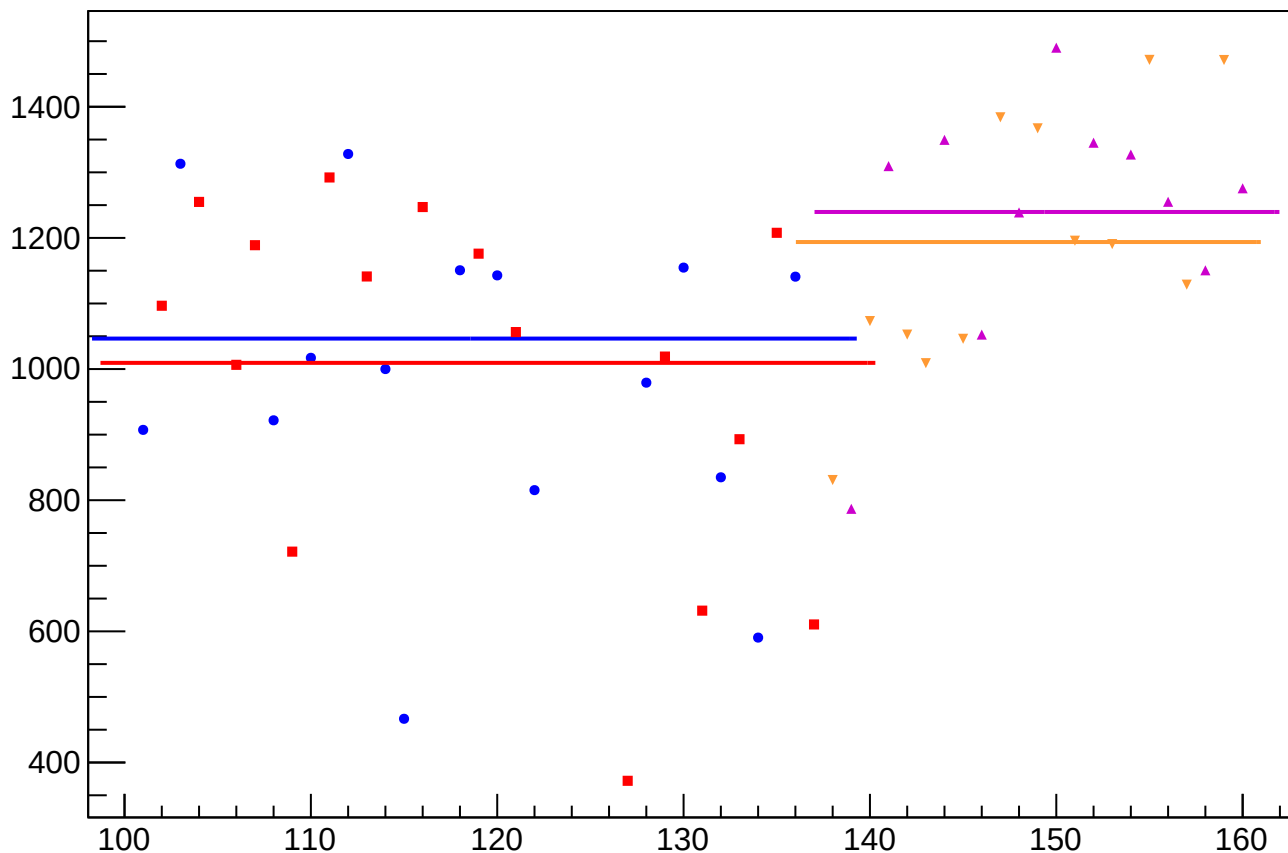
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF : 33726426520626408

All: 9.118+/-0.000 χ^2/NDF : 52742989230721

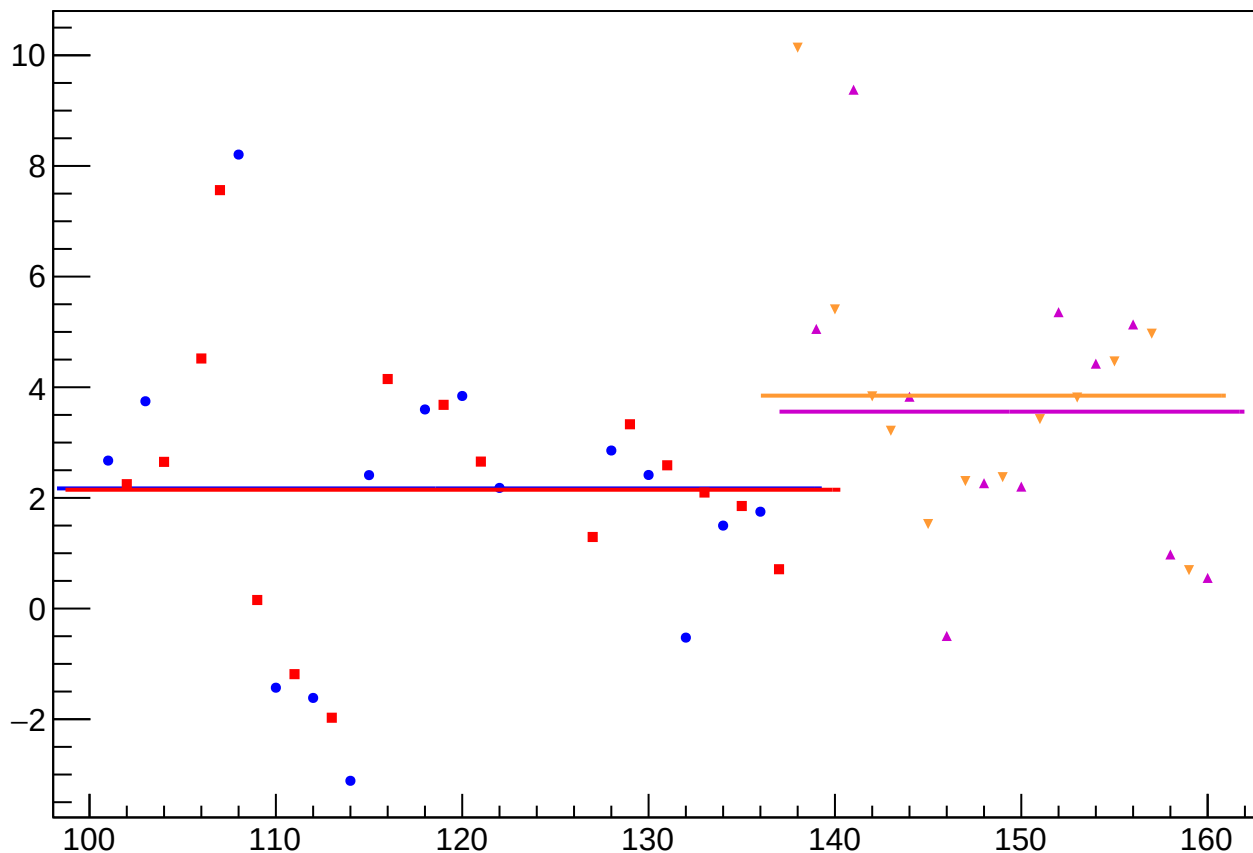
- sign 8.814+/-0.000 χ^2/NDF : 18719955384548476

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000

χ^2/NDF : 3599819246909975678410499691642880.0/14

Left Out: 3.848+/-0.000

χ^2/NDF : 5039599457588936759406360166137856.0/11

Right Out: 2.148+/-0.000

χ^2/NDF : 3093887336239378959606321931878400.0/15

Left In: 3.559+/-0.000

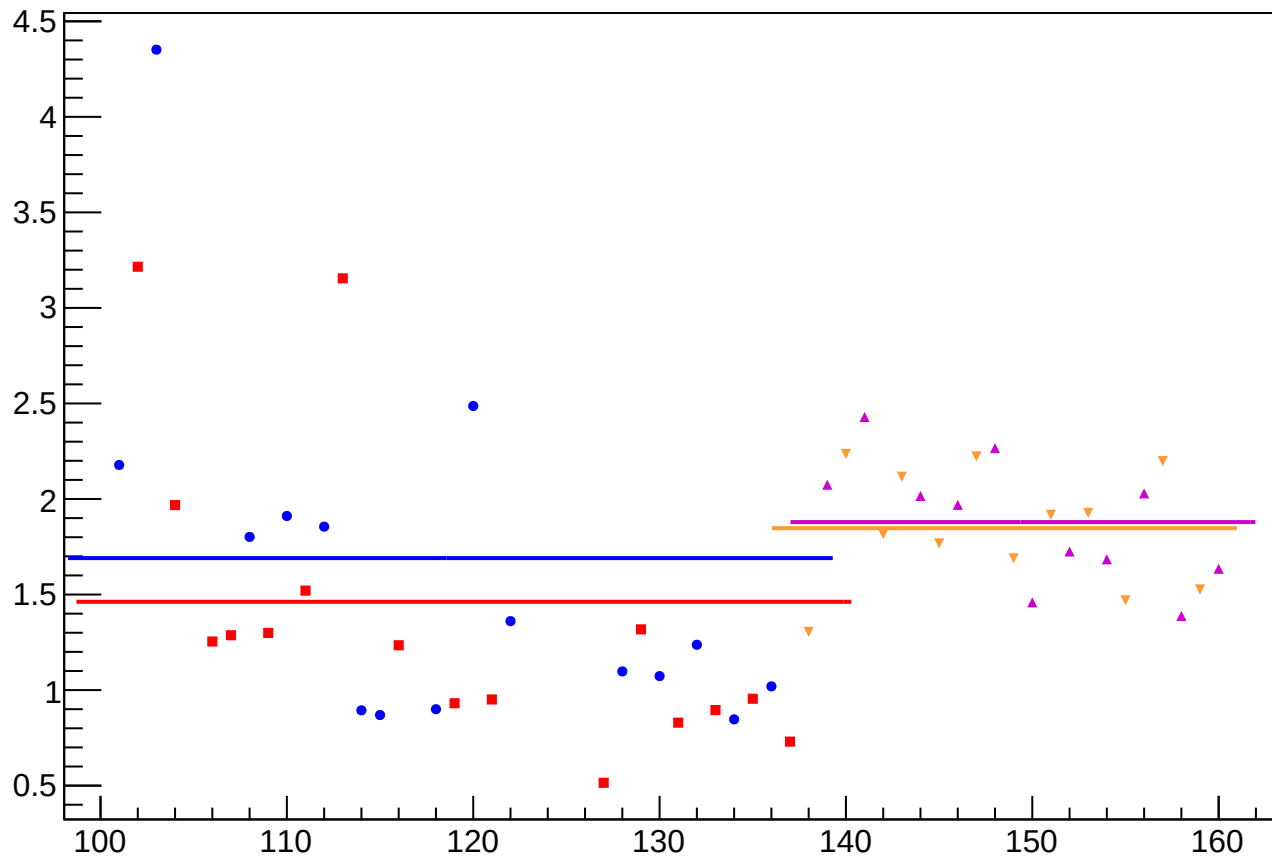
χ^2/NDF : 6492667345109962540652165758713856.0/10

+ sign 3.152+/-0.000 χ^2/NDF : 97067404303844652

All: 3.059+/-0.000 χ^2/NDF : 20091616900140

- sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

dit_4aY_coil1_err_mean vs Slug



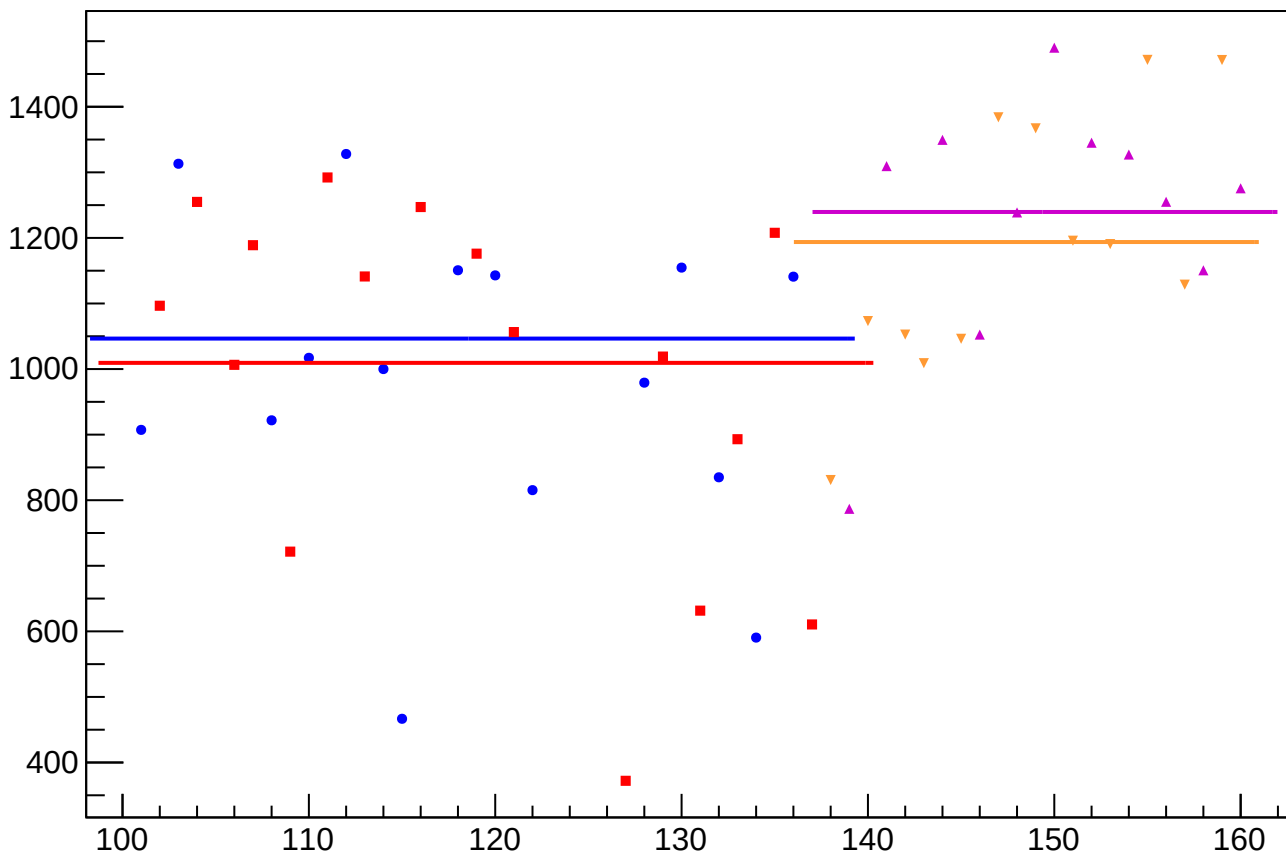
Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 612163393317609859674079412355072.0/14

Left Out: 1.847 $\pm$ 0.000 χ^2 /NDF: 84162850183102511254837045231616.0/11

Right Out: 1.462 $\pm$ 0.000 χ^2 /NDF: 444384511662519040022371754835968.0/15

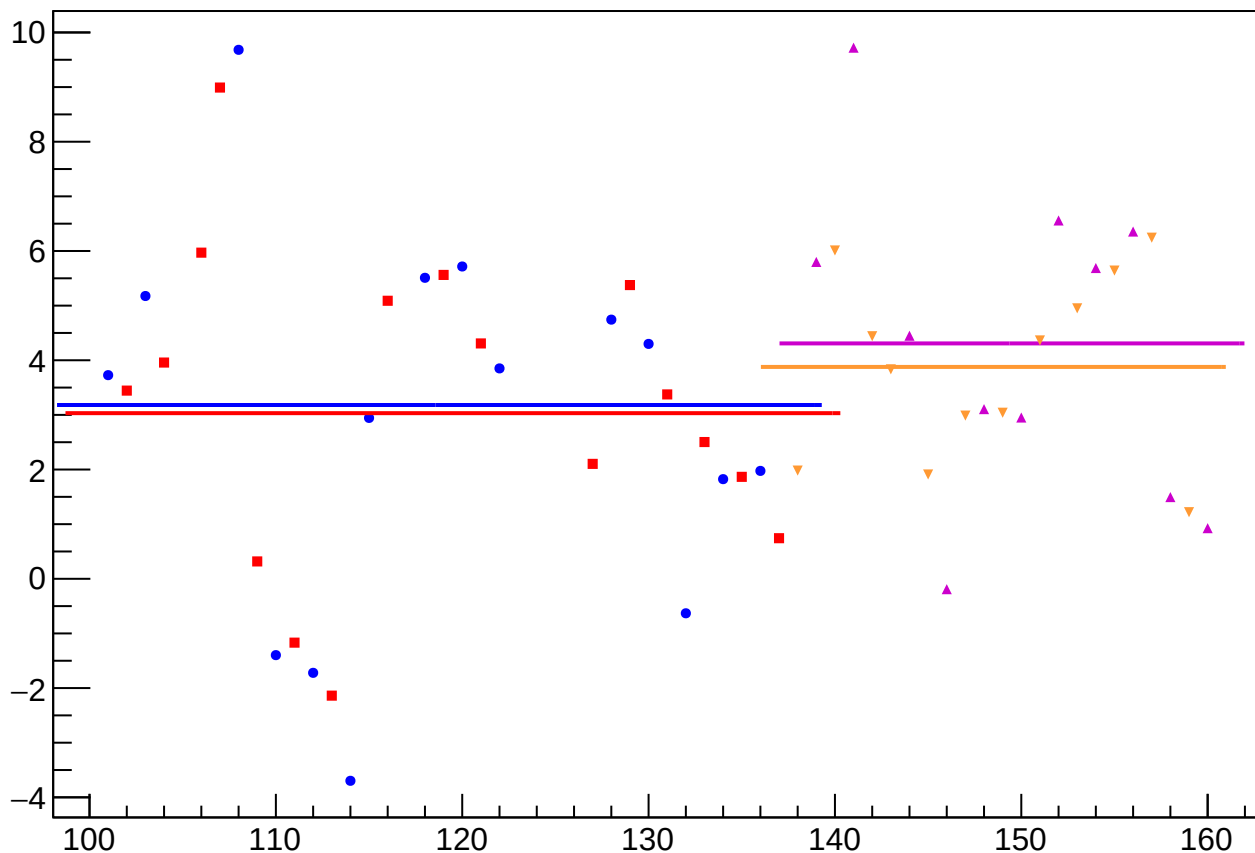
Left In: 1.879 $\pm$ 0.000 χ^2 /NDF: 90968052268112309617342982127616.0/10

dit_4aY_coil1_Ndata_mean vs Slug



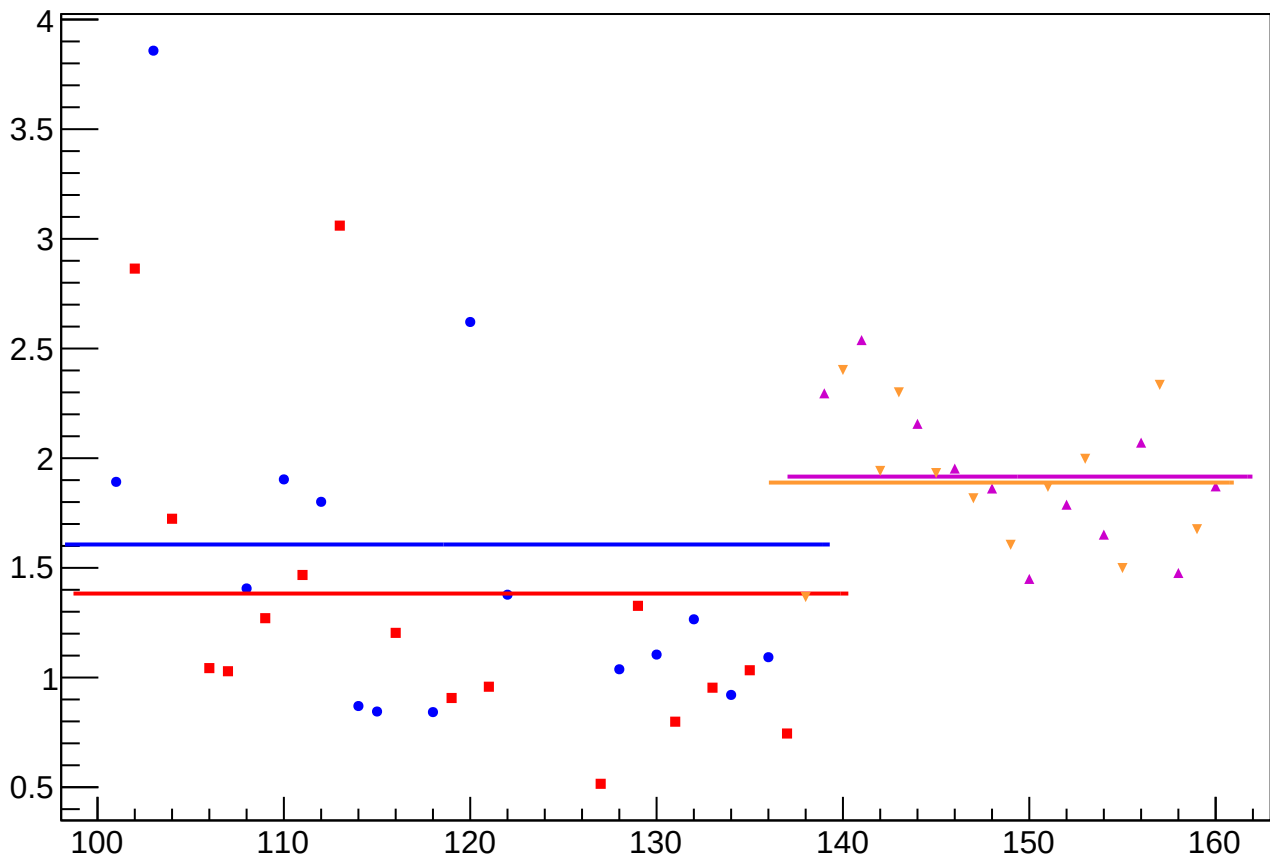
Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF : 5833303227868252617704566394191872.0/14
 Left Out: 3.878+/-0.000 χ^2/NDF : 2463584640289158504459219897417728.0/11
 Right Out: 3.032+/-0.000 χ^2/NDF : 4937209831371793945496546833334272.0/15
 Left In: 4.308+/-0.000 χ^2/NDF : 7073495667694280351803168107003904.0/10

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.889 $\pm$ 0.000 χ^2 /NDF: 94097326064066188177587241484288.0/11

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

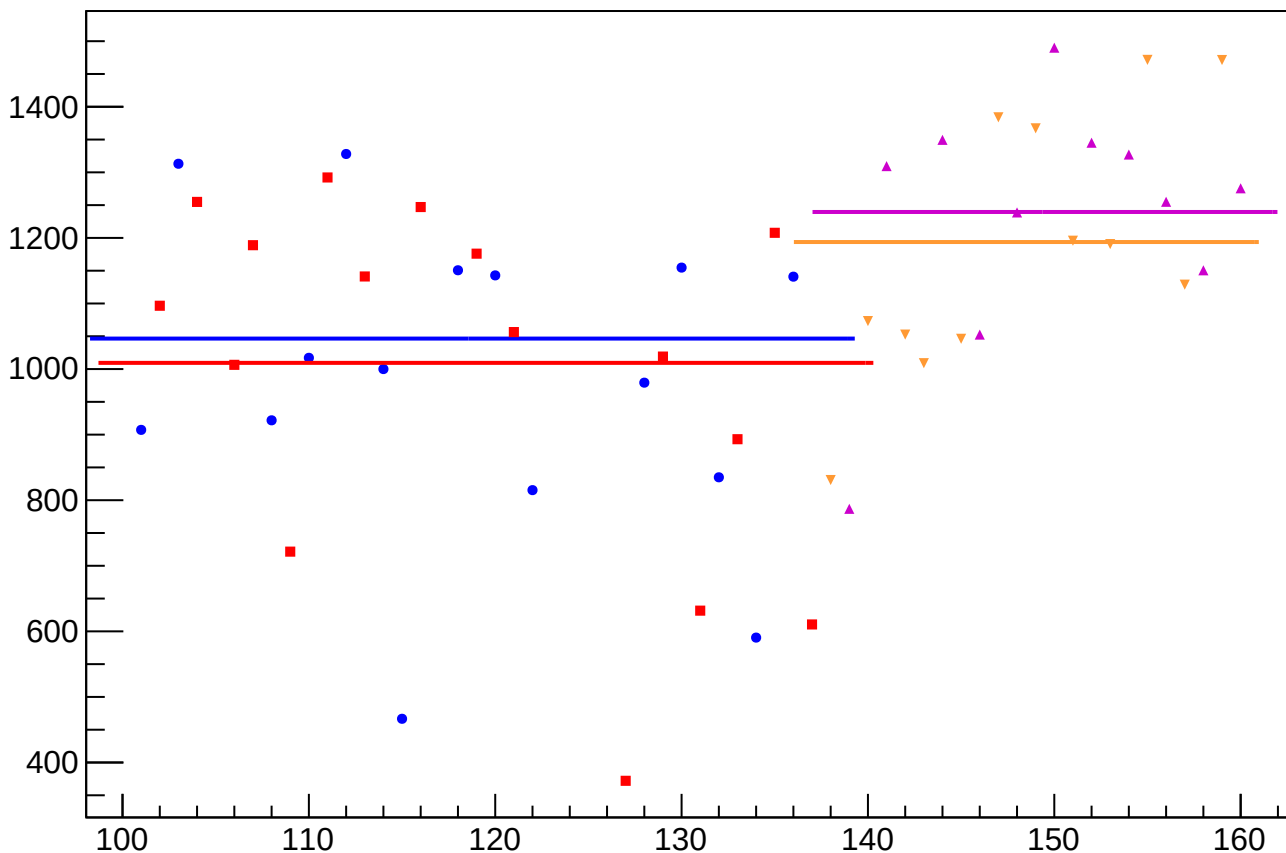
Left In: 1.916 $\pm$ 0.000 χ^2 /NDF: 95276515809016209875699691945984.0/10

+ sign 1.772 $\pm$ 0.000 χ^2 /NDF: 58529175260763022

All: 1.732 $\pm$ 0.000 χ^2 /NDF: 11539749951204

- sign 1.693 $\pm$ 0.000 χ^2 /NDF: 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



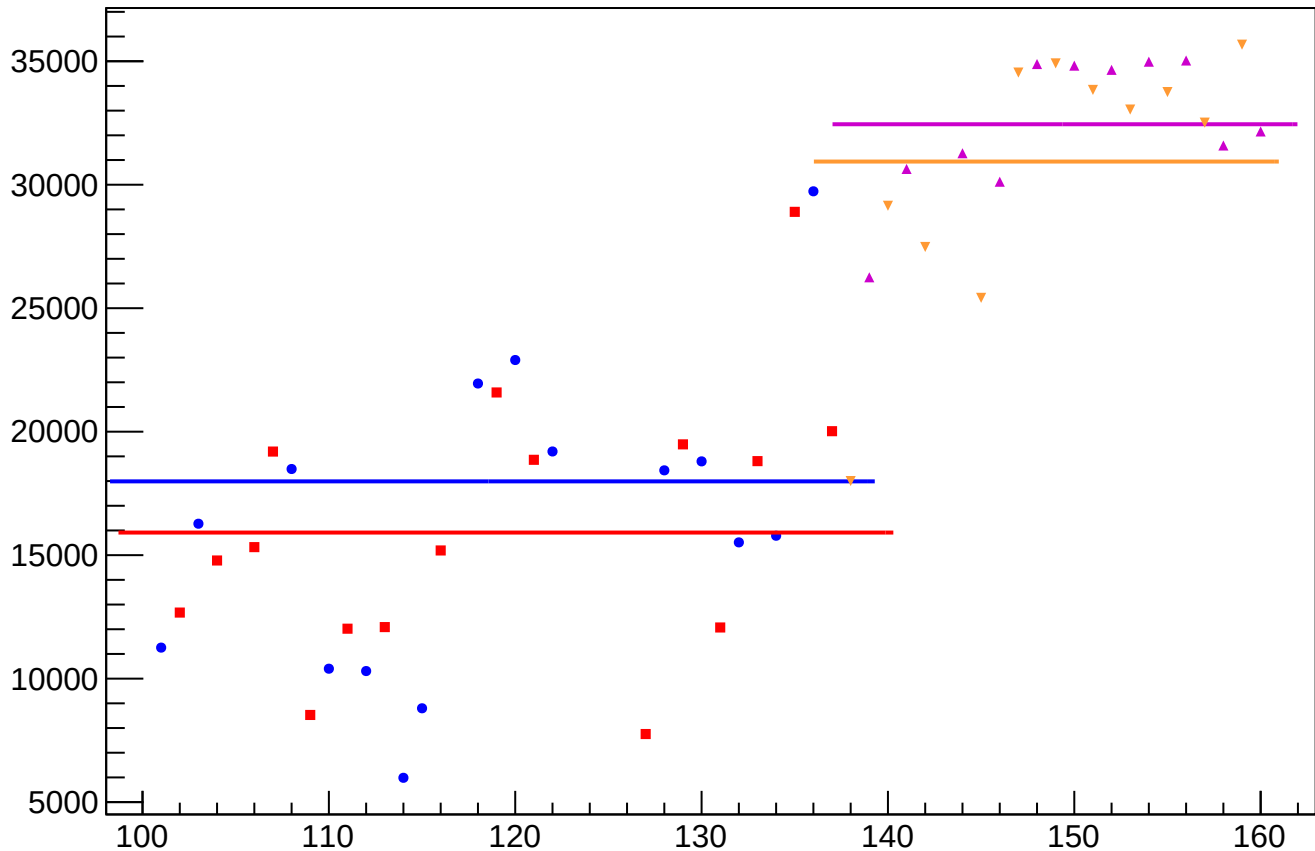
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

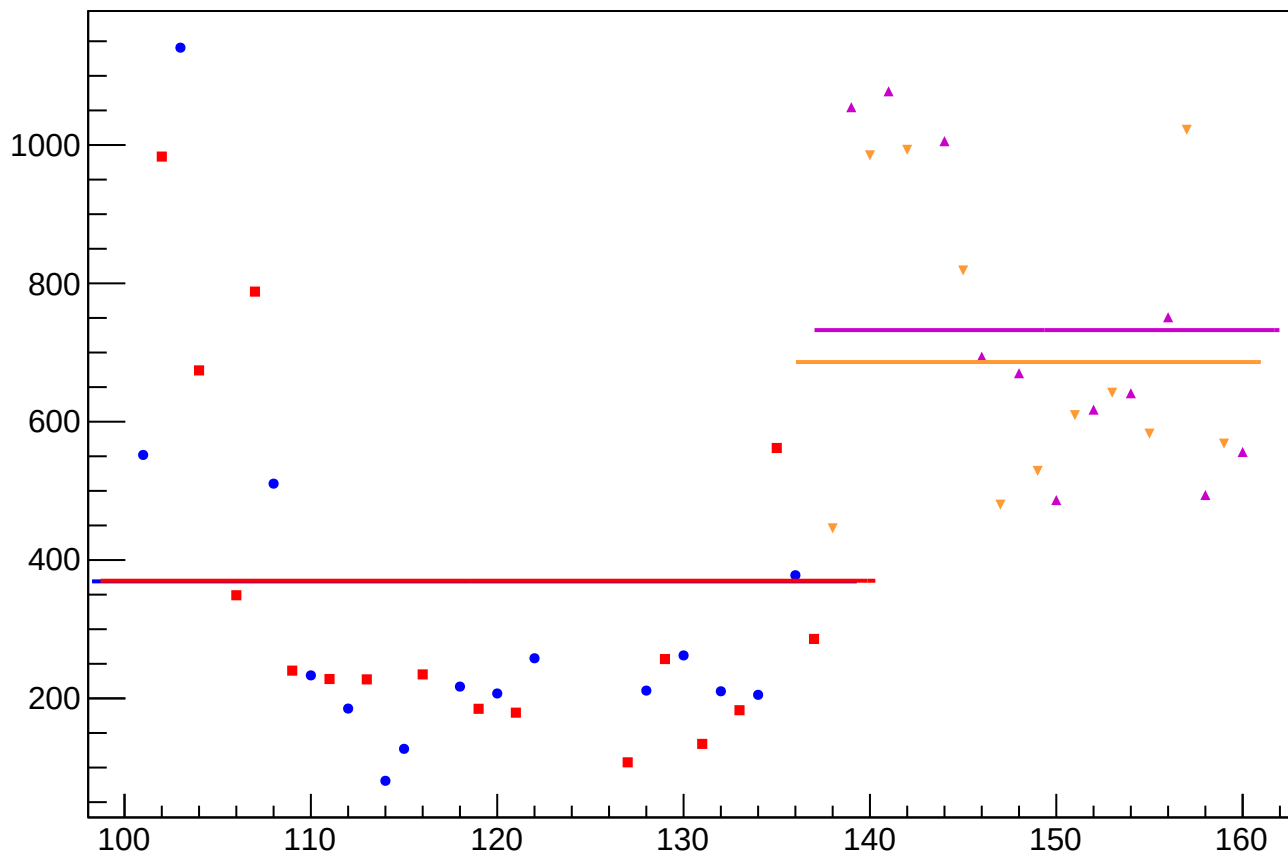
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 30938.190+/-0.000	χ^2/NDF : 22231201695257869773275369100022395174912.0/10
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 32448.675+/-0.000	χ^2/NDF : 6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF : 1086683983858
 All: 25421.772+/-0.000 χ^2/NDF : 2411086165
 - sign 25517.305+/-0.000 χ^2/NDF : 1324102555101

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

+ sign 548.687+/-0.000 χ^2/NDF : 119411567412423

Left Out: 686.240+/-0.000 χ^2/NDF : 34417236167842983766159212562513657856.0/10

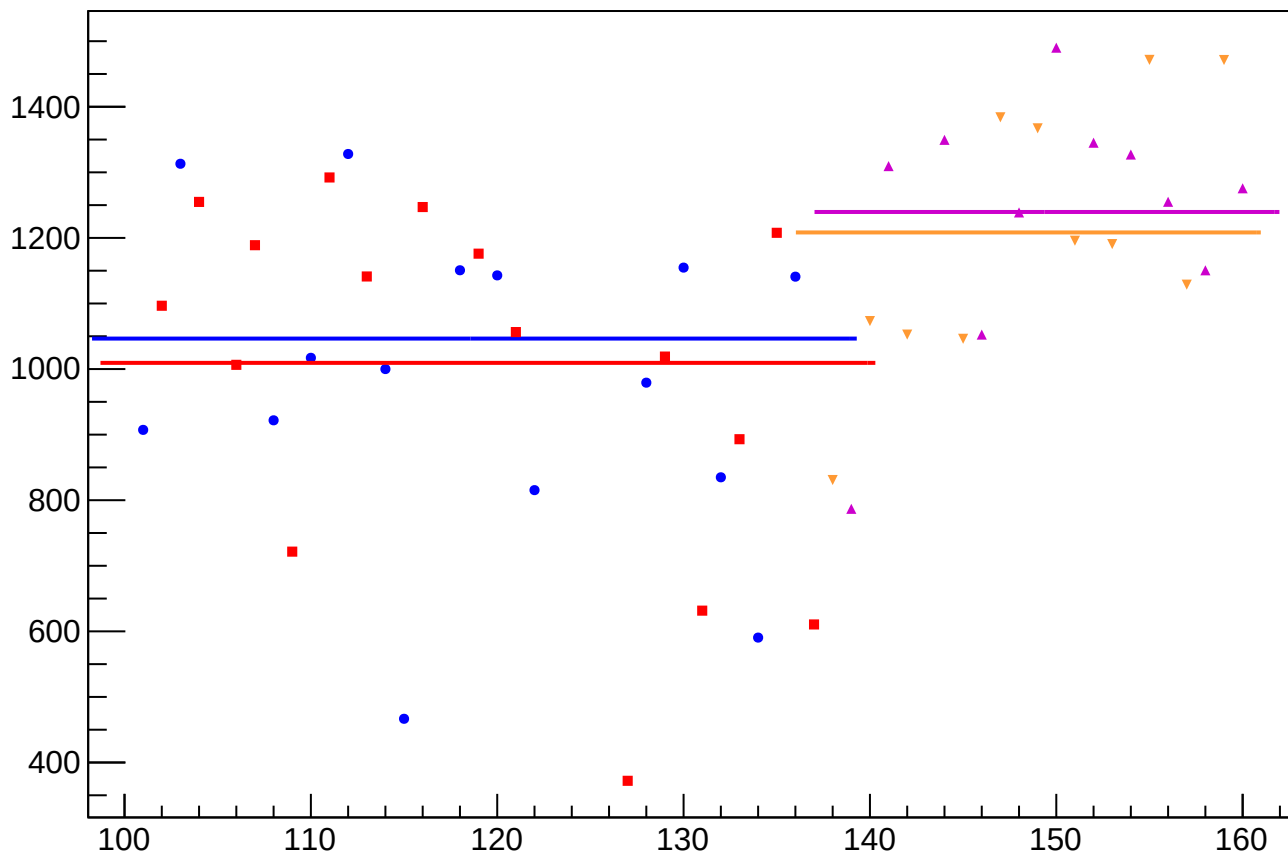
All: 565.091+/-0.000 χ^2/NDF : 259202401082

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 580.516+/-0.000 χ^2/NDF : 139009735968020

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF : 31920270949065456215955115636701528064.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

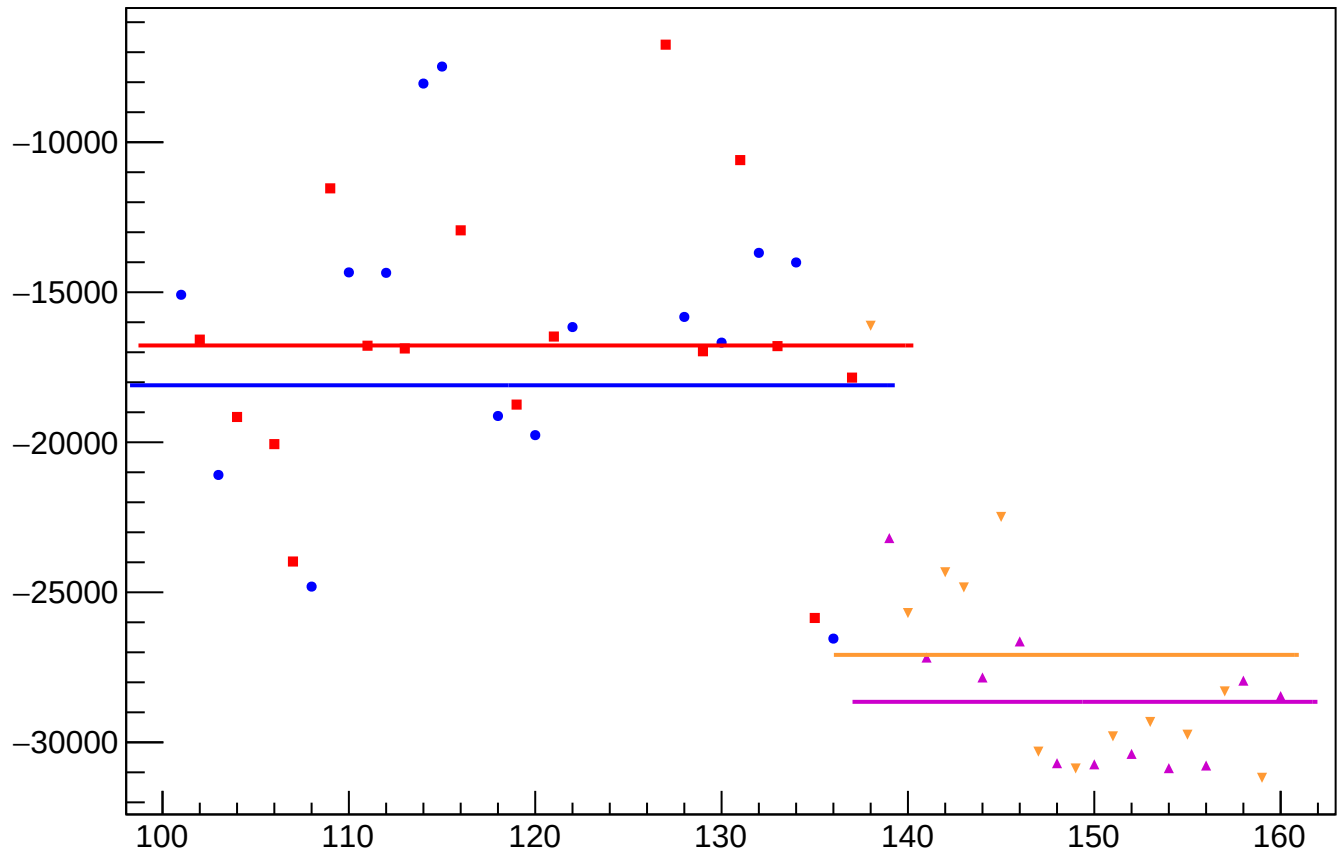
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1138.127+/-0.000 χ^2/NDF : 66412650690815

All: 1140.682+/-0.000 χ^2/NDF : 16066171729

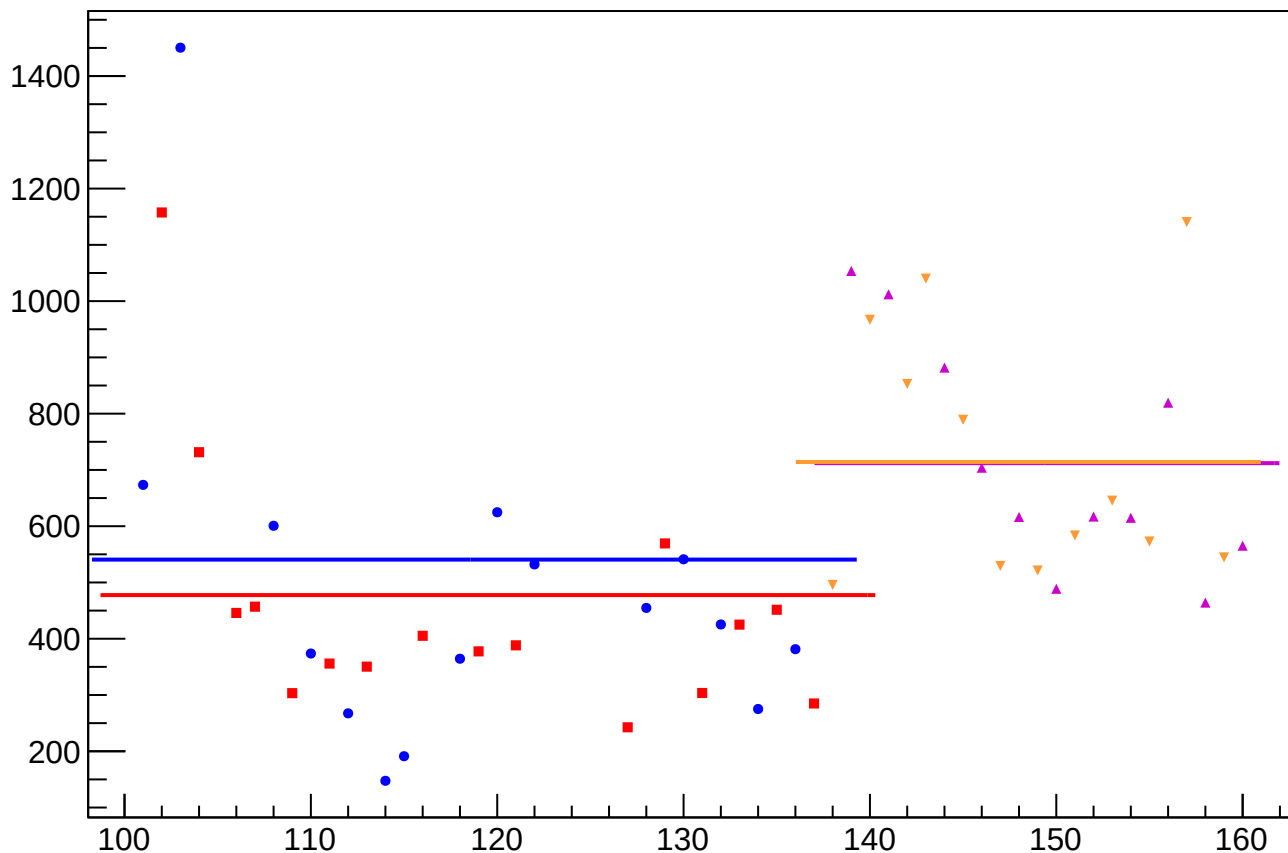
- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left In: -28650.410+/-0.000 χ^2/NDF : 4838827535981080826725947474344765554688.0/10
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left Out: -27085.326+/-0.000 χ^2/NDF : 16913671790830002451724713056210492850176.0/11
 All: -23514.355+/-0.000 χ^2/NDF : 135979518
 - sign: -23671.259+/-0.000 χ^2/NDF : 7371541854107

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF : 43160975478631460248575745928156151808.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

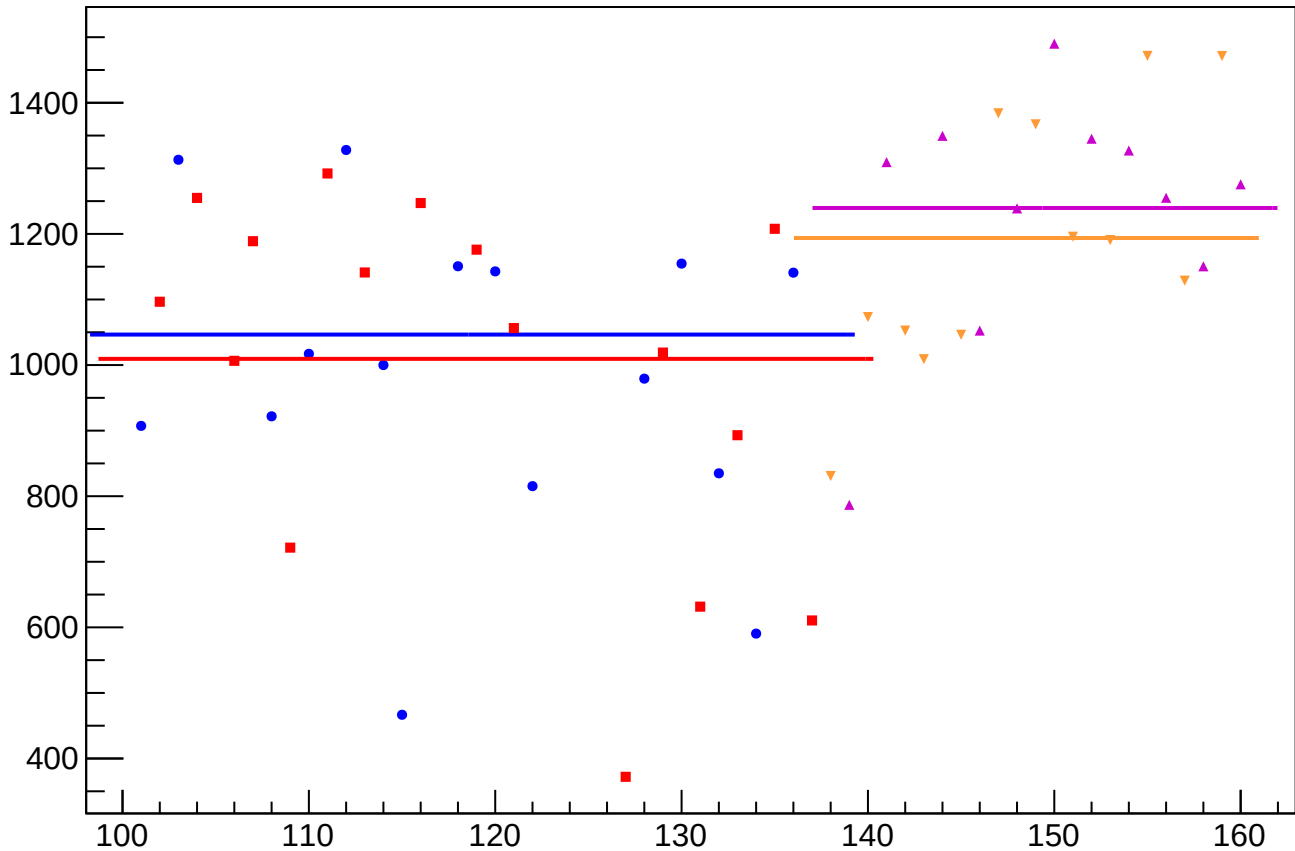
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

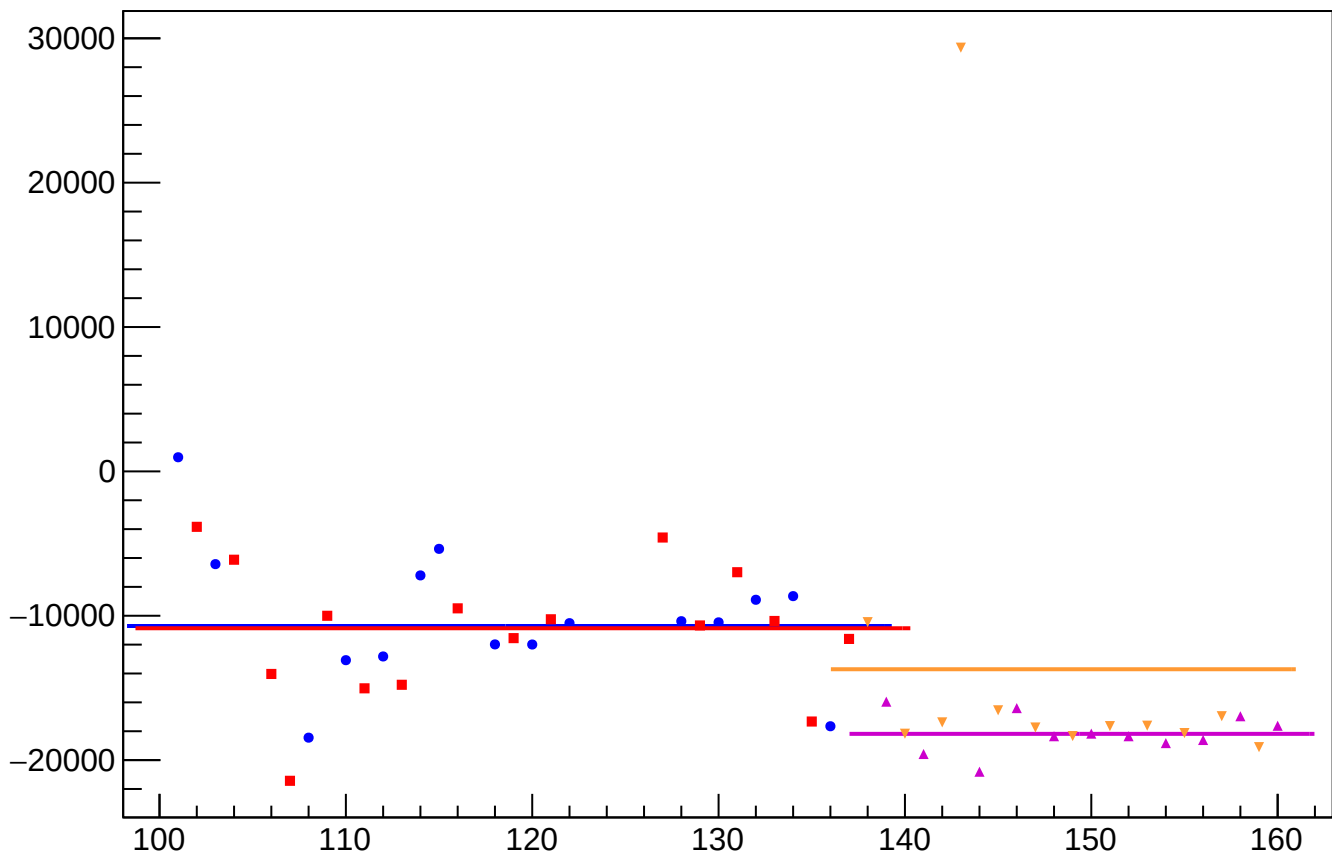
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



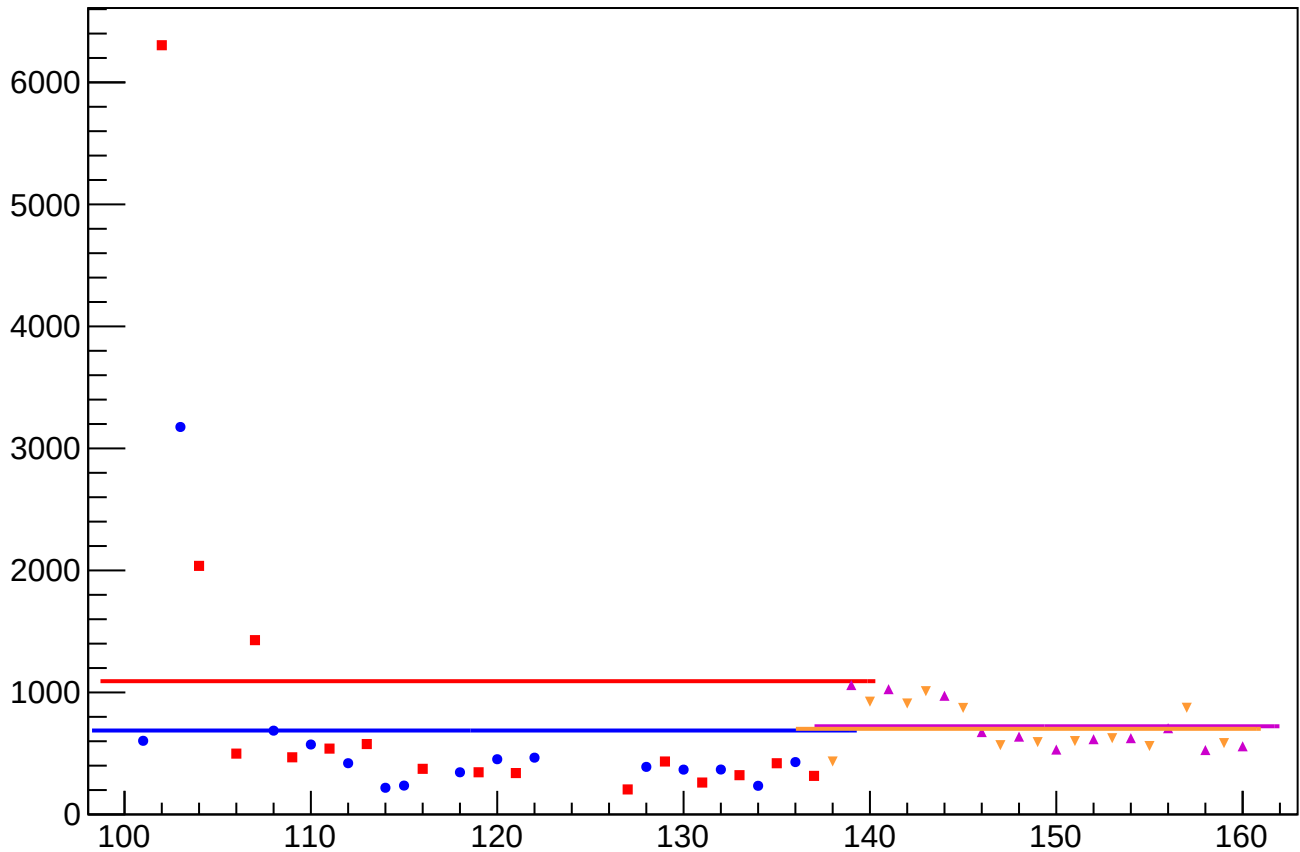
Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

dit_atl1_coil1_mean vs Slug



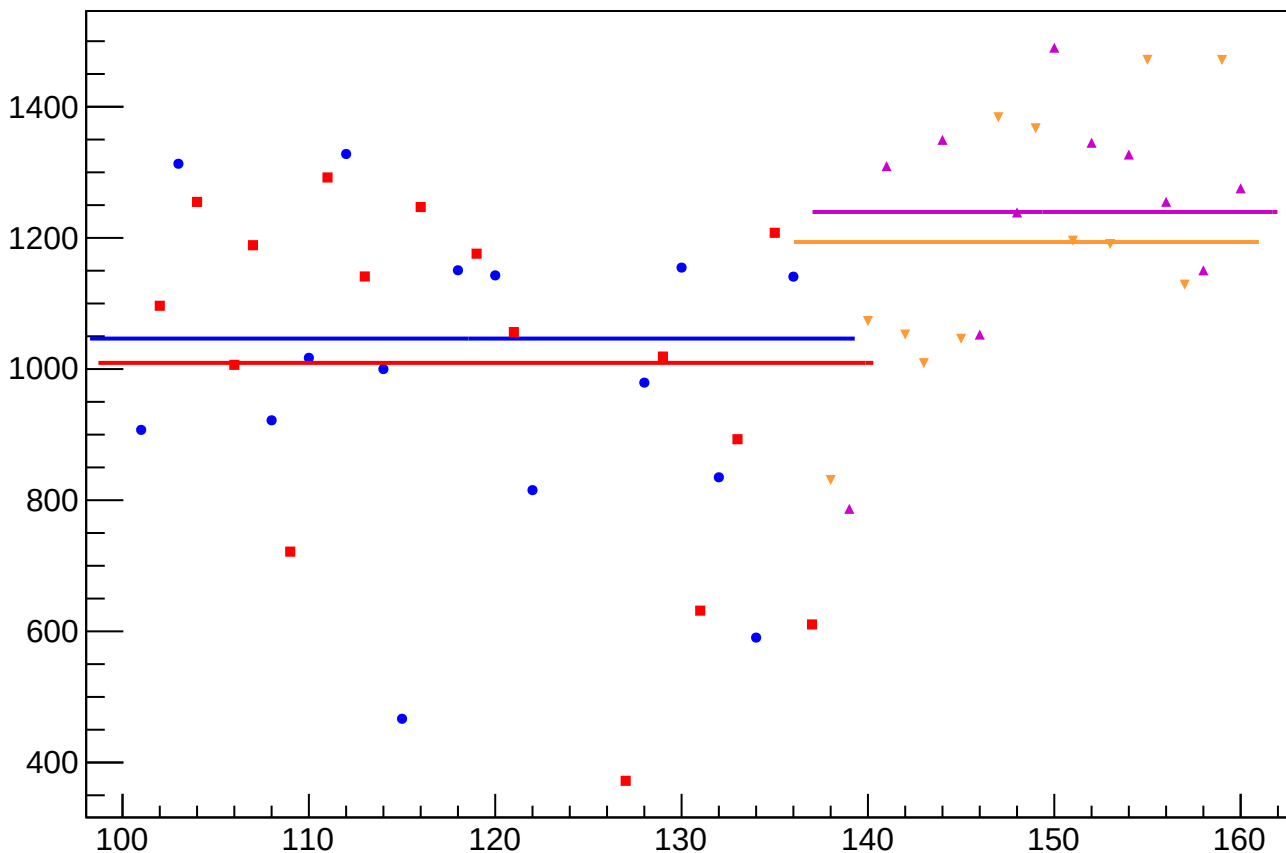
Right In: -10710.292+/-0.000 χ^2/NDF : 16945226152053511840482618402250170564608.0/14
 Left Out: -13705.488+/-0.000 χ^2/NDF : 138226511026527050662319693841079709204480.0/11
 Right Out: -10866.264+/-0.000 χ^2/NDF : 14234762838858382484525901644131626647552.0/15
 Left In: -18181.504+/-0.000 χ^2/NDF : 1643617183572647868818914289162838343680.0/10

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14
 Left Out: 701.825+/-0.000 χ^2/NDF : 29011752452264624264282448573098885120.0/11
 Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15
 Left In: 722.743+/-0.000 χ^2/NDF : 33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

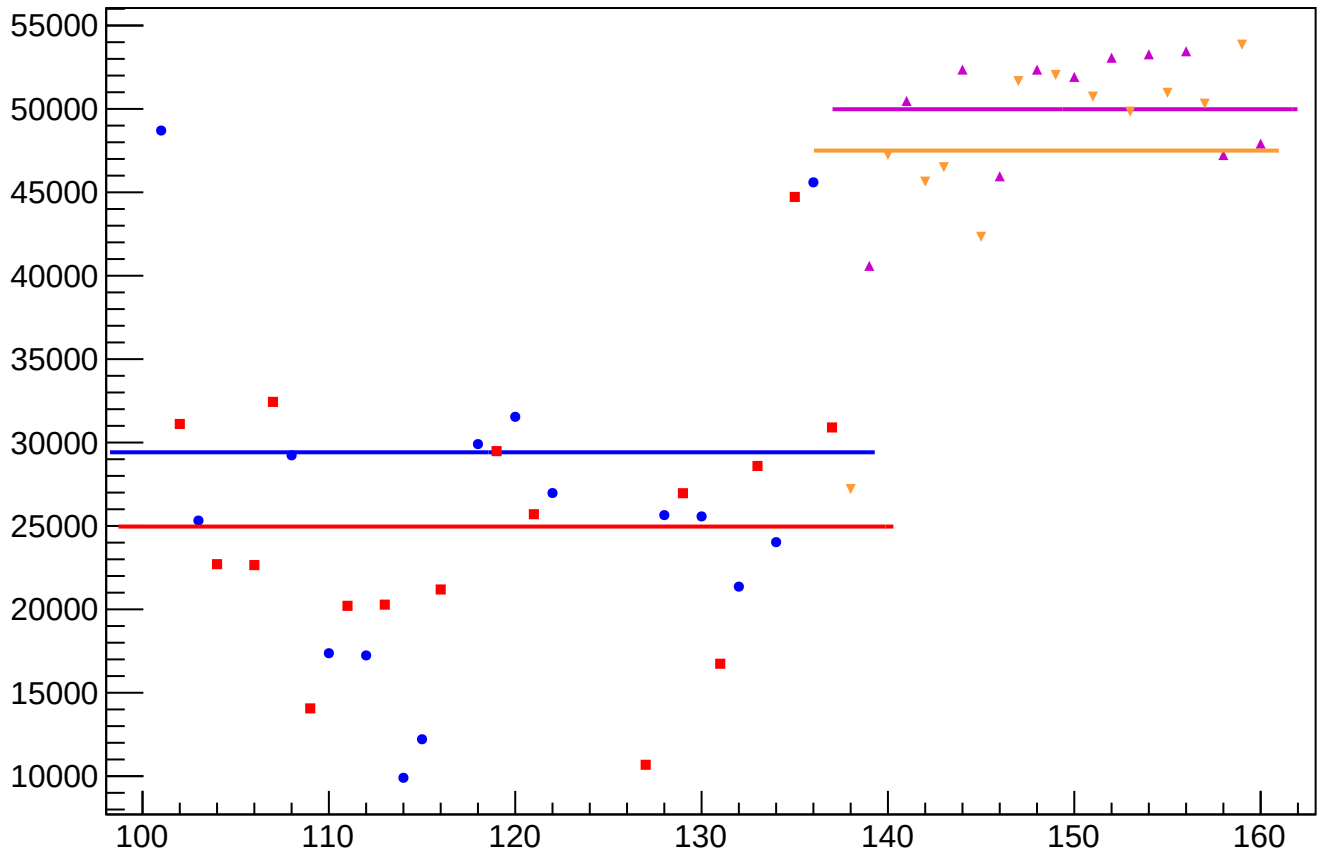
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

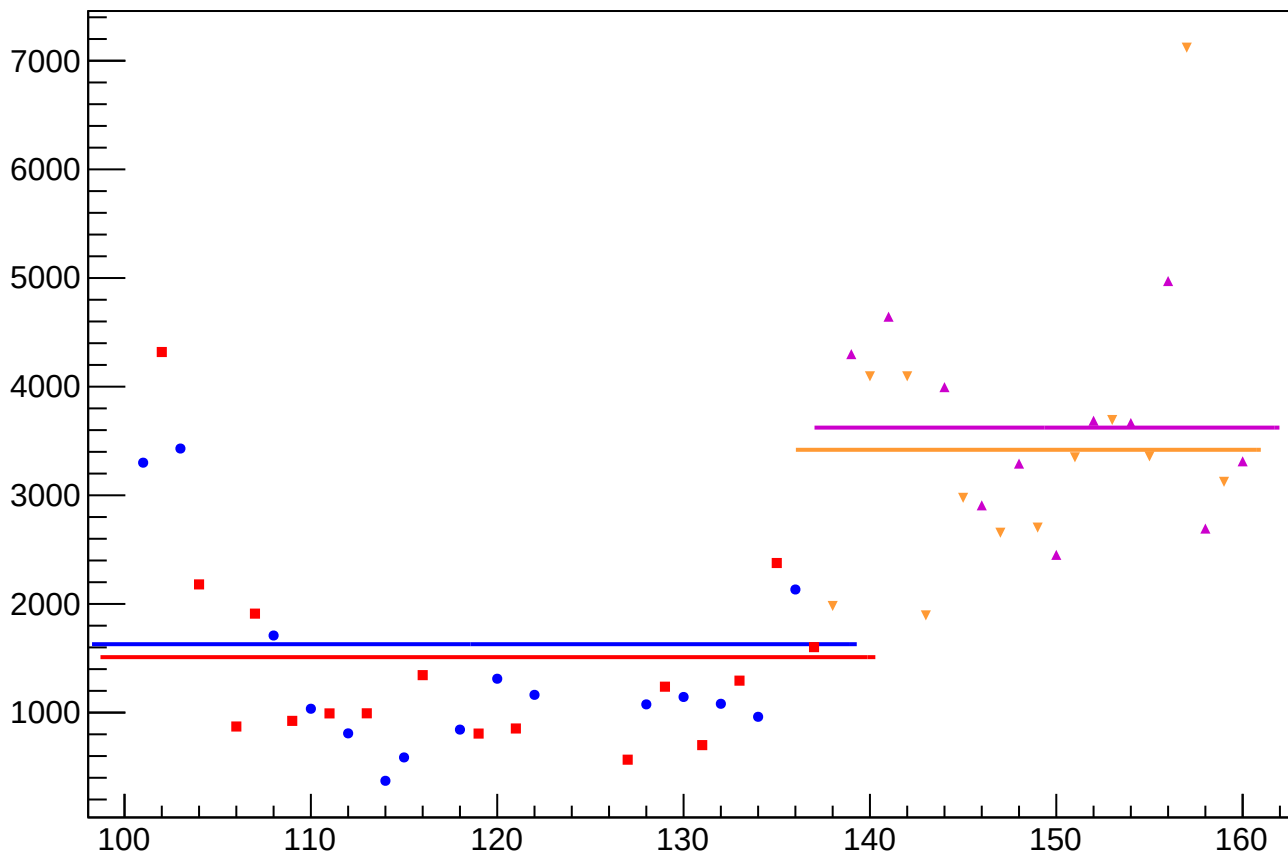
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47501.916+/-0.000	χ^2/NDF : 43591715334933801645565199836761766756352.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10

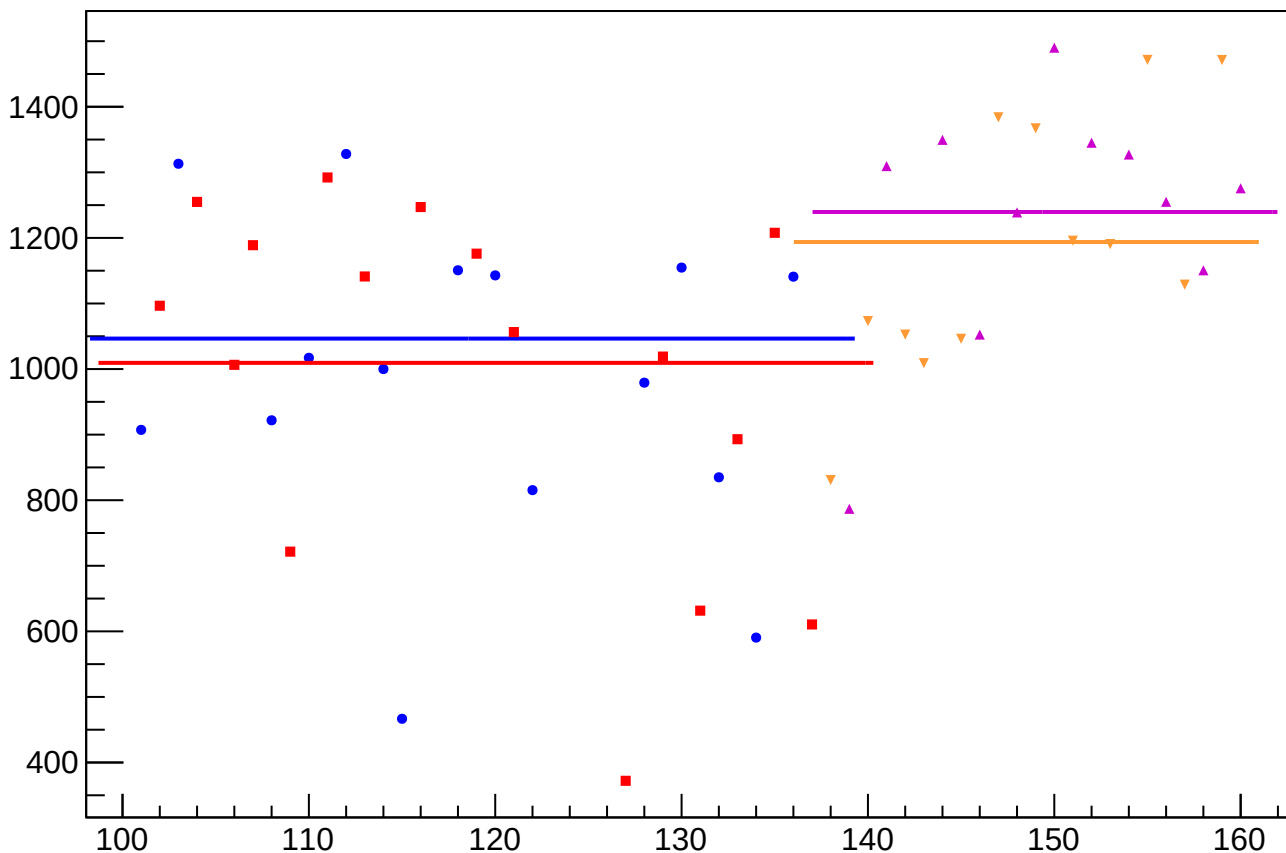
+ sign 39992.082+/-0.000 χ^2/NDF : 2394993878358
 All: 39740.450+/-0.000 χ^2/NDF : 5413093002
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14	+ sign 2675.926+/-0.000	χ^2/NDF : 33424300848042
Left Out: 3418.927+/-0.000	χ^2/NDF : 1575515144069936231955966928879934767104.0/11	All: 2706.904+/-0.000	χ^2/NDF : 63005491565
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15	- sign 2737.338+/-0.000	χ^2/NDF : 29551454832887
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10		

dit_atl2_coil1_Ndata_mean vs Slug



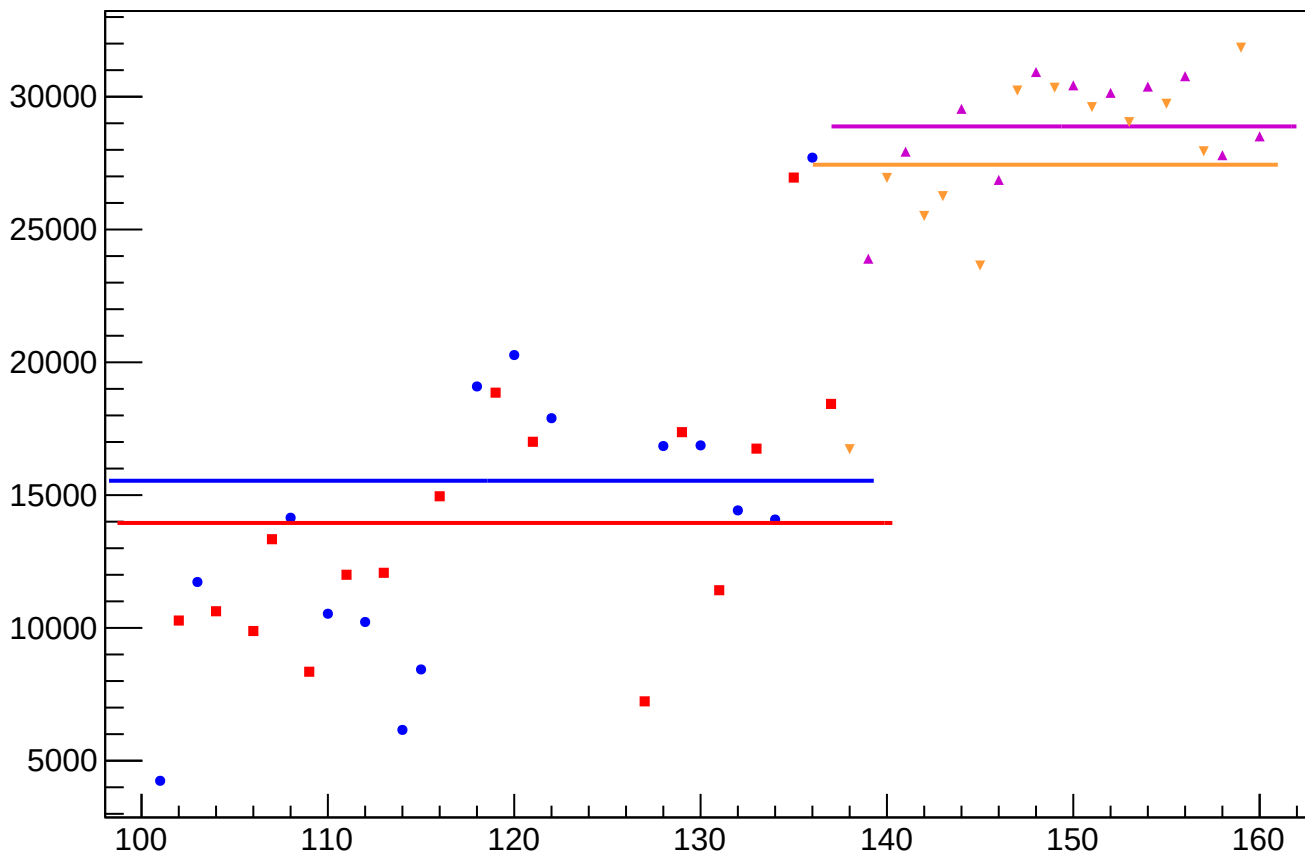
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726 ± 0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

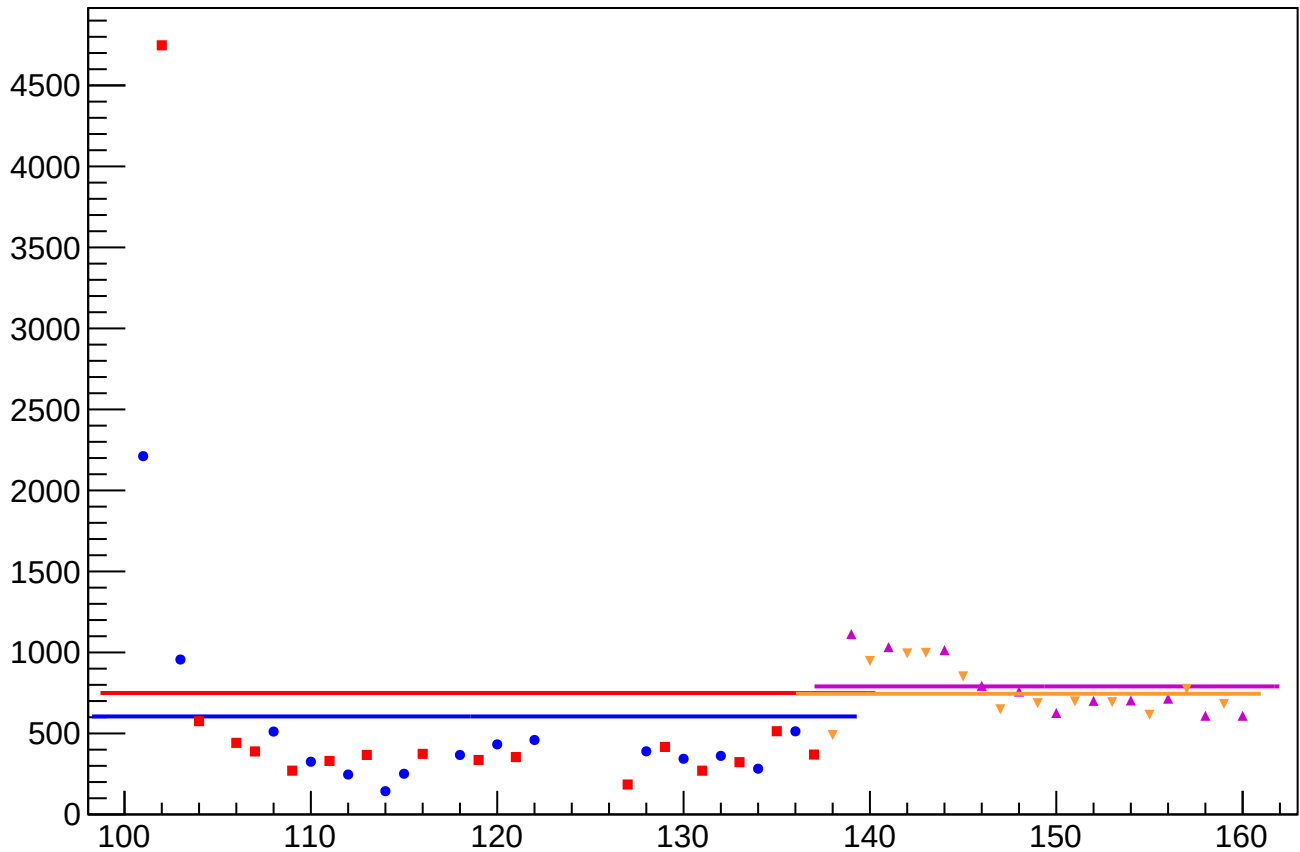
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 27439.616+/-0.000	χ^2/NDF : 14247025908871725813351088668818926469120.0/11
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 28881.771+/-0.000	χ^2/NDF : 3761764043421234560623243625754374701056.0/10

+ sign 22498.900+/-0.000 χ^2/NDF : 9536357865964
 All: 22561.315+/-0.000 χ^2/NDF : 2024381611
 - sign 22622.631+/-0.000 χ^2/NDF : 1070625118466

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 744.985+/-0.000 χ^2/NDF : 19571453984278961719936247870544412672.0/11

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

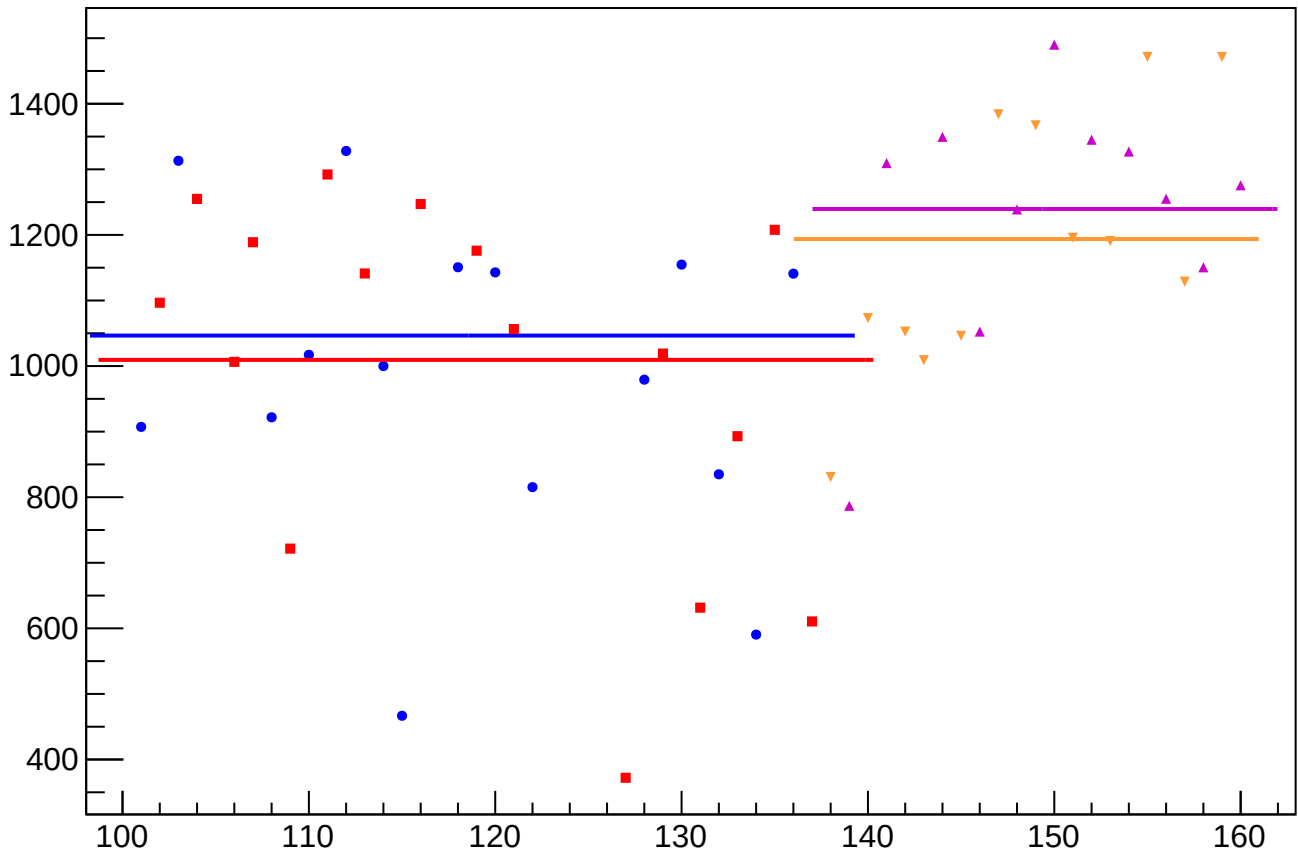
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

All: 730.430+/-0.000 χ^2/NDF : 127166116576

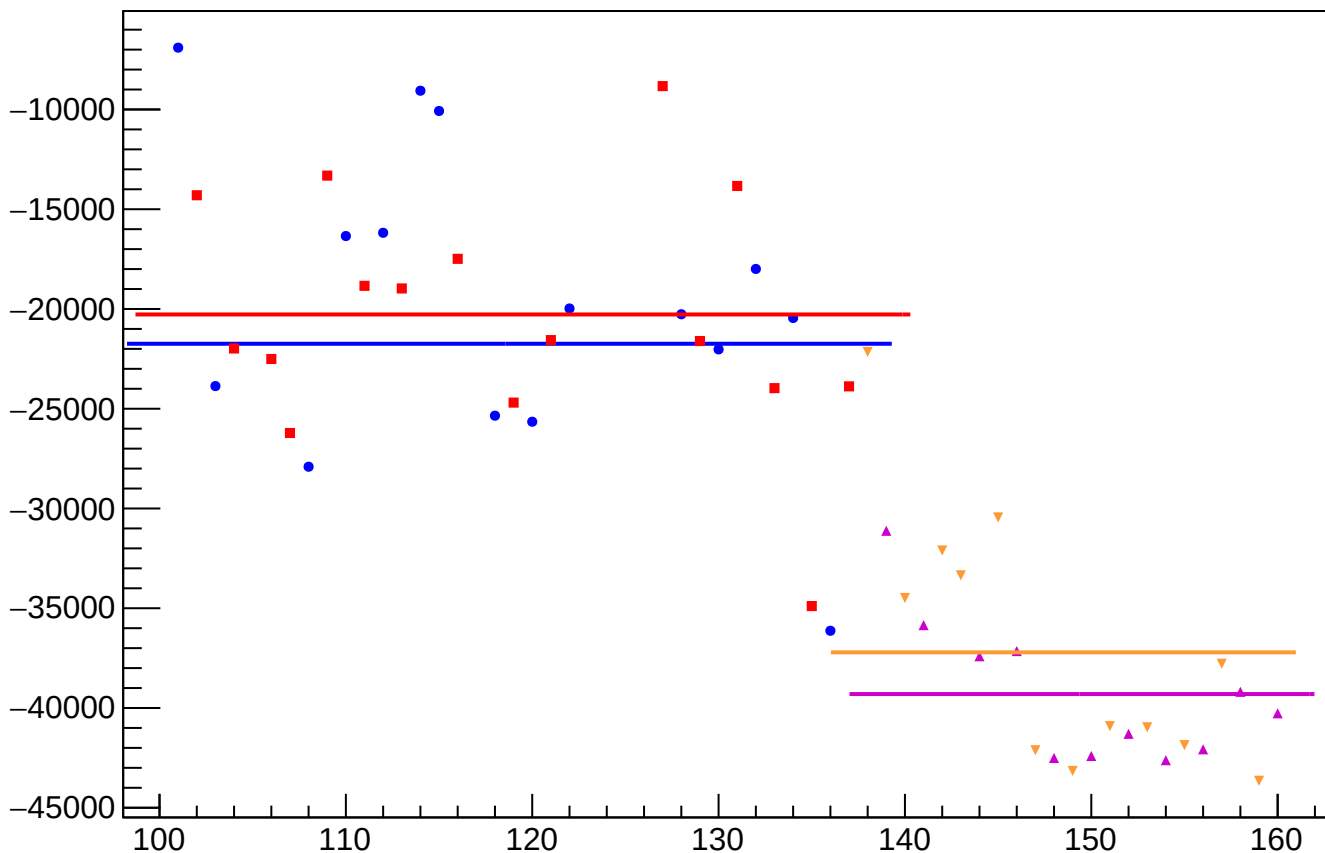
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



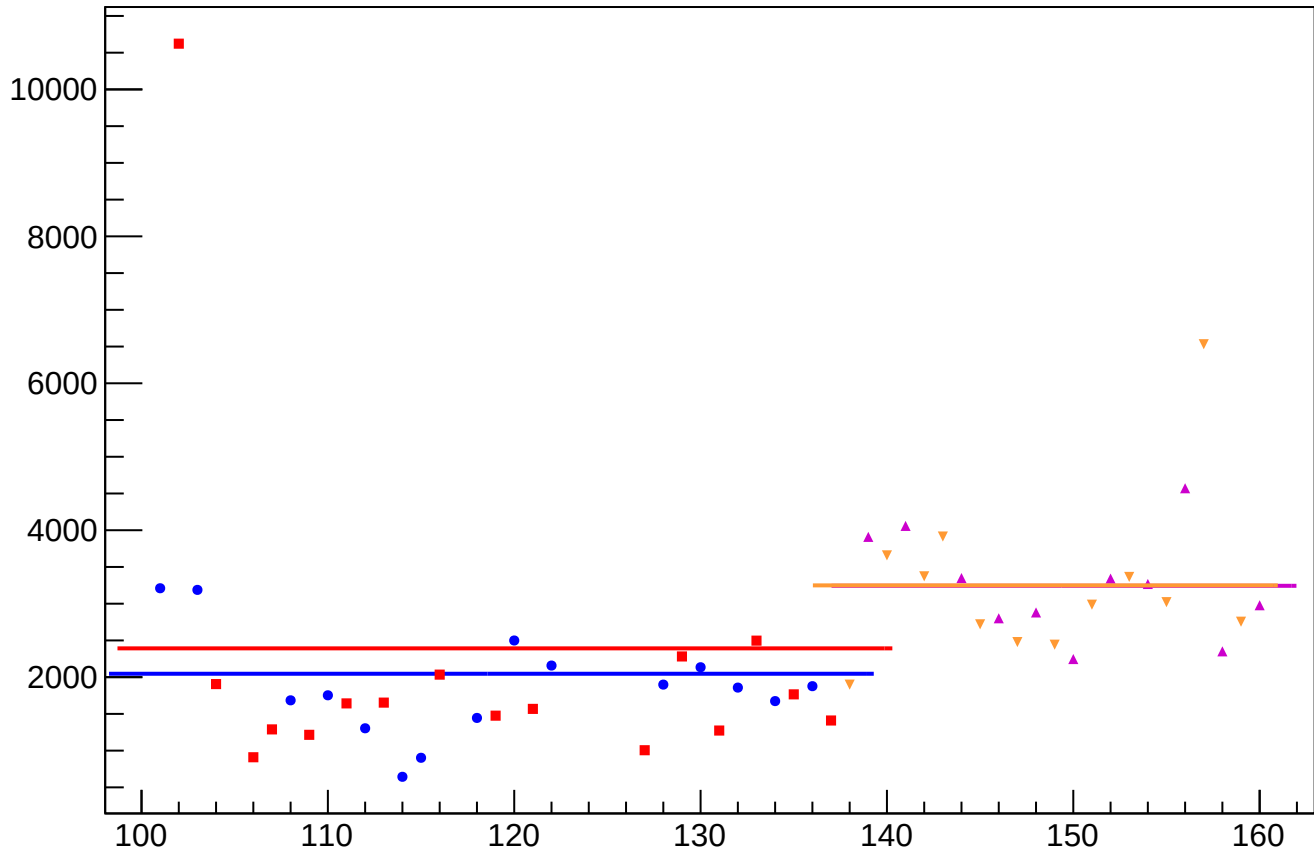
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



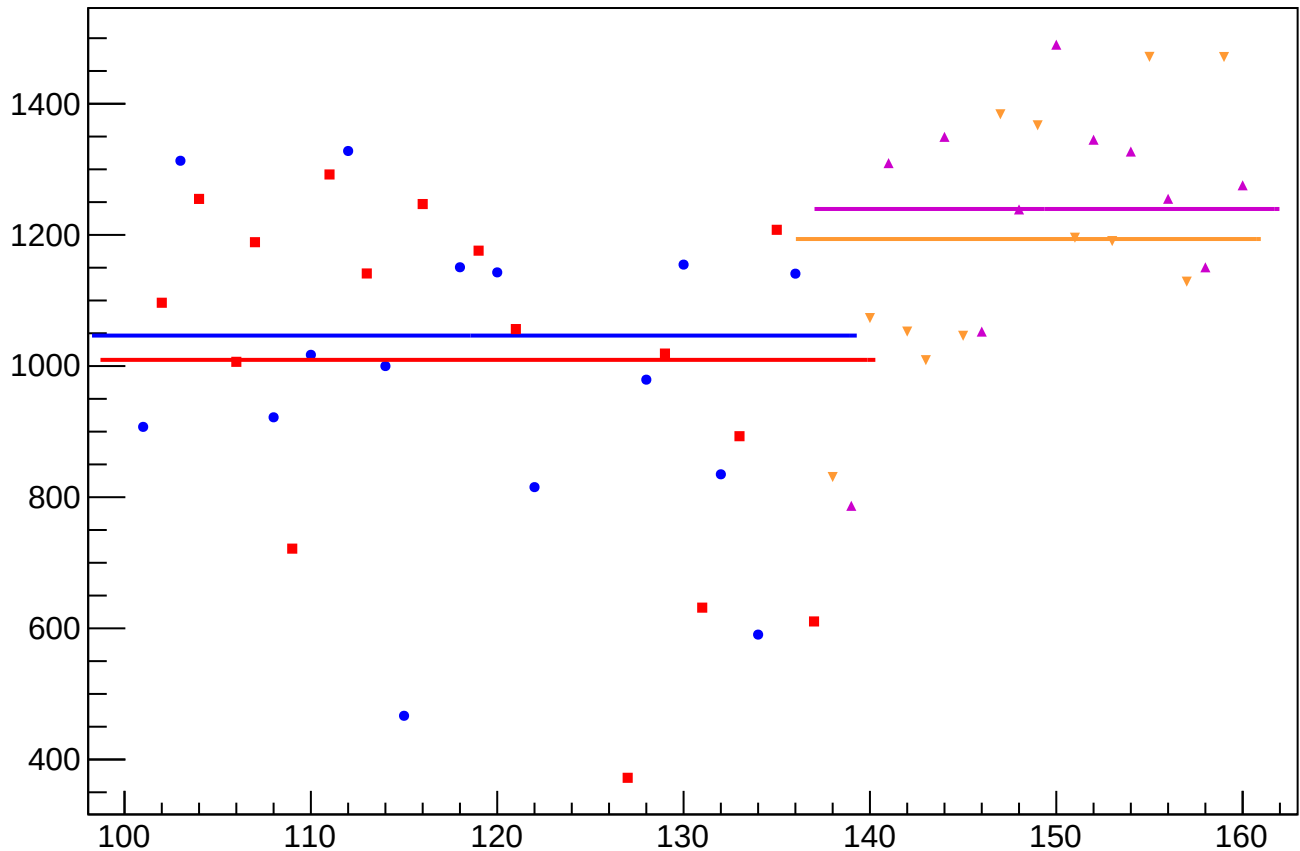
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37210.761+/-0.000 χ^2/NDF : 36234813568101266501920845904945520574464.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



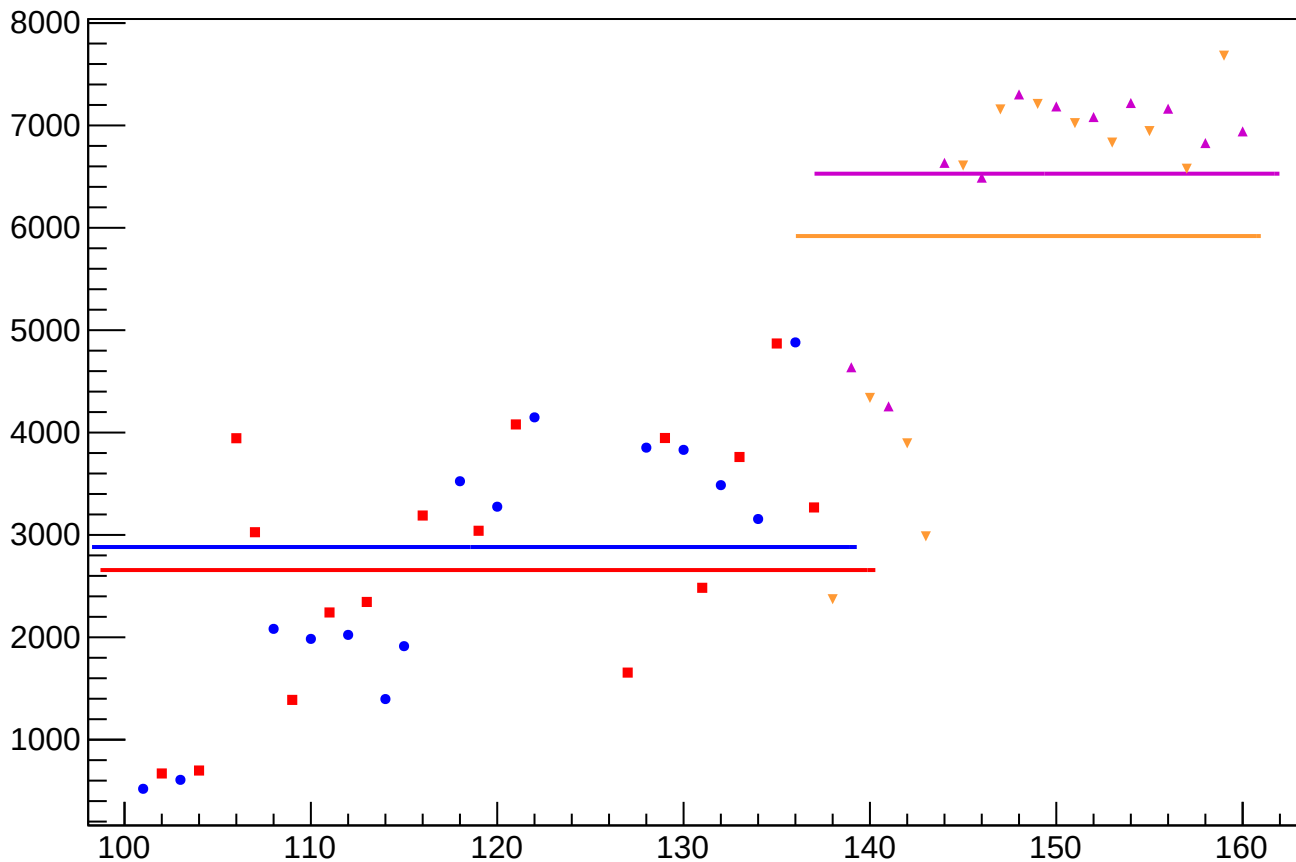
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2886.485+/-0.000	χ^2/NDF : 51189384320628
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10		

dit_atr2_coil1_Ndata_mean vs Slug



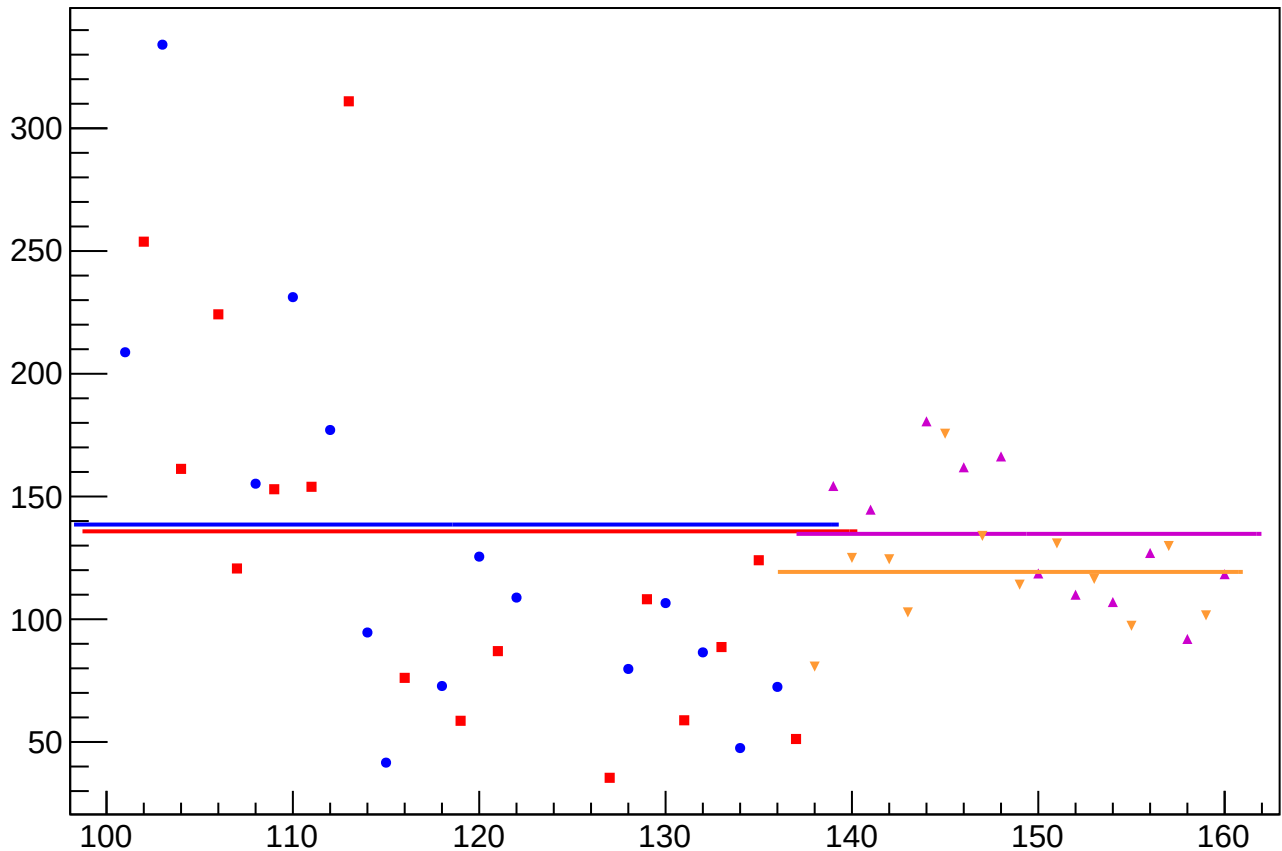
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



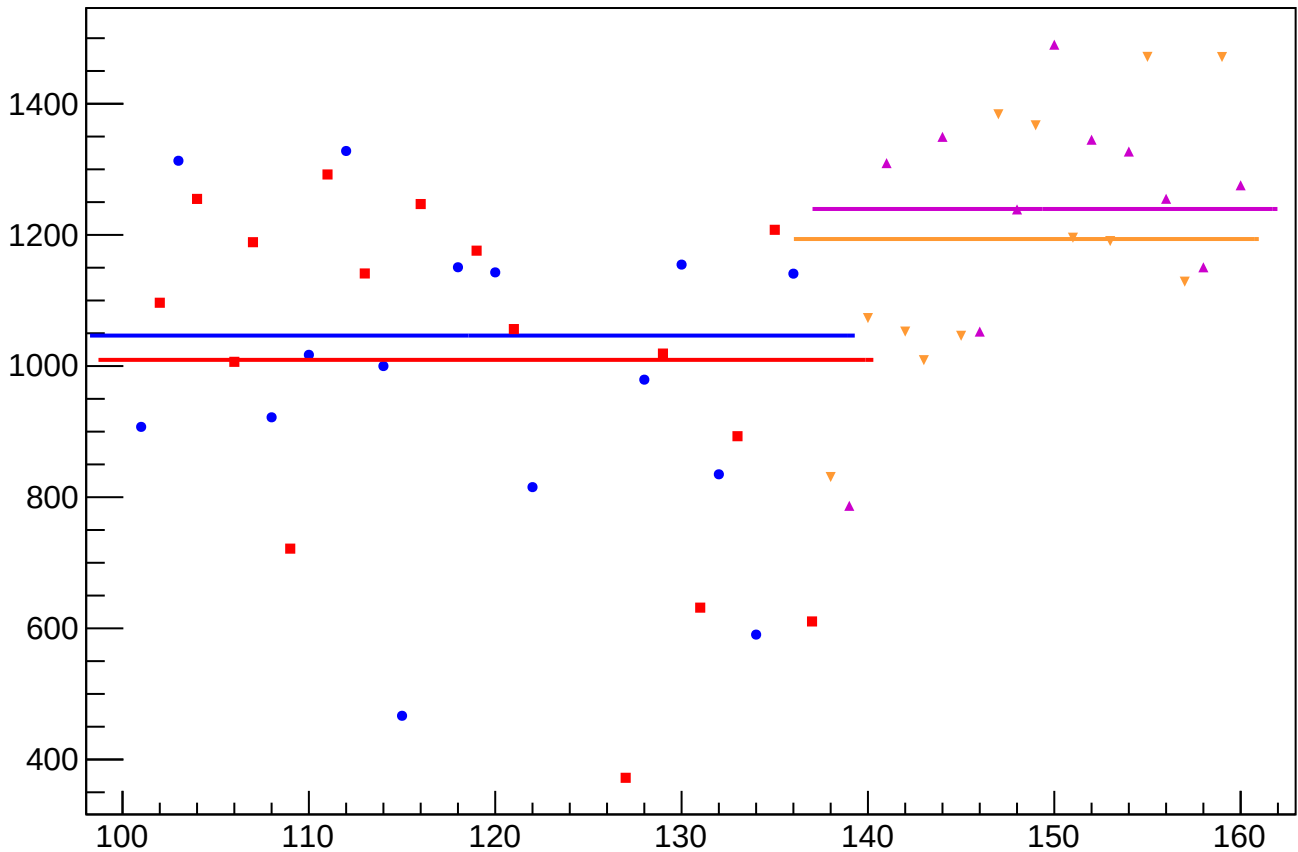
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5919.511+/-0.000 χ^2/NDF : 2779072700024845827027981240176985767936.0/11
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6528.681+/-0.000 χ^2/NDF : 940619832290547661204641528694924378112.0/10

dit_sam1_coil1_err_mean vs Slug



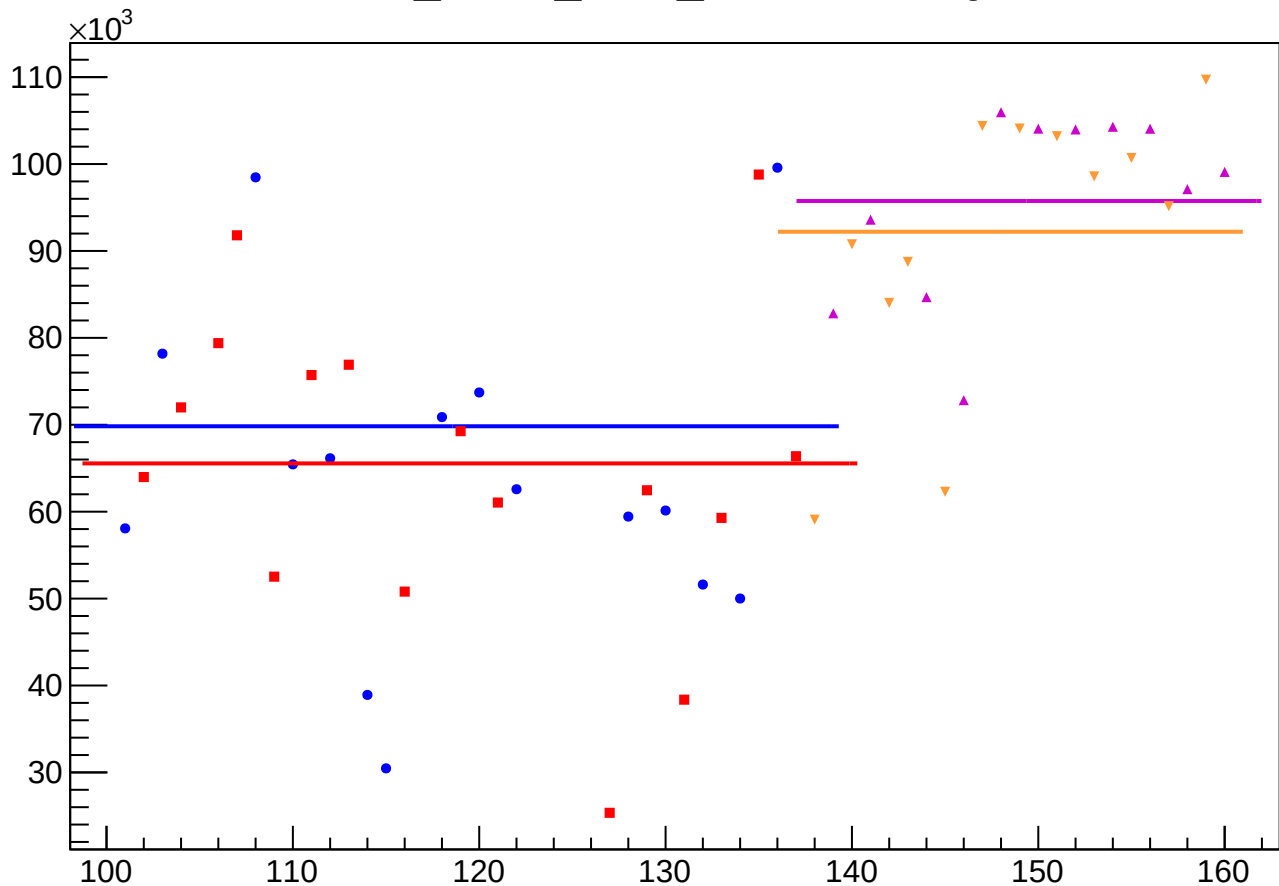
Right In: 138.577+/-0.000	χ^2/NDF : 4242369889979811373883774021335515136.0/14	+ sign 127.294+/-0.000	χ^2/NDF : 487151185585046
Left Out: 119.282+/-0.000	χ^2/NDF : 487845779395217879153815293985292288.0/11	All: 131.289+/-0.000	χ^2/NDF : 956758975873
Right Out: 135.809+/-0.000	χ^2/NDF : 3956401741862524263243160868173643776.0/15	- sign 135.214+/-0.000	χ^2/NDF : 464661599123883
Left In: 134.785+/-0.000	χ^2/NDF : 689808602632315539029860685392642048.0/10		

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

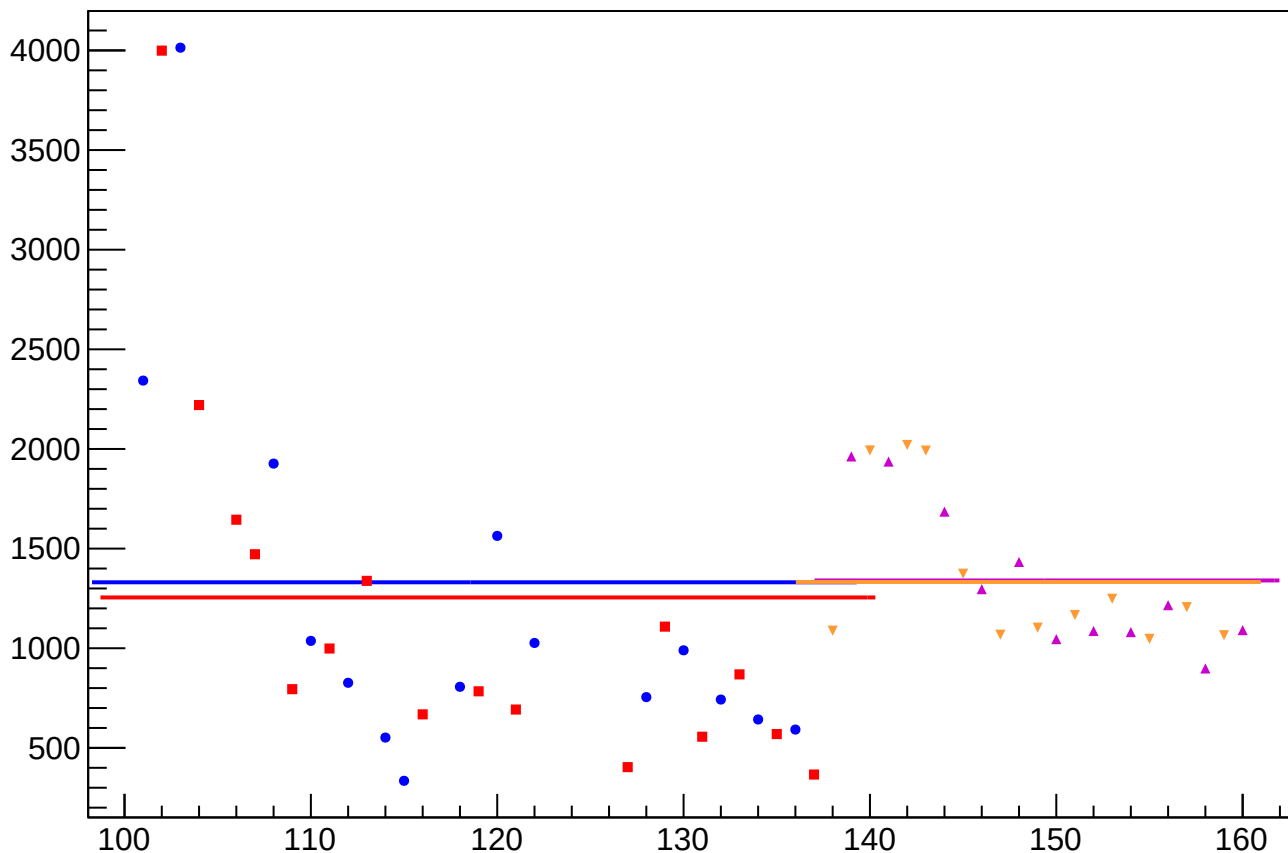
dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000	χ^2/NDF : 187803282116493131197684060541288926150656.0/14
Left Out: 92210.698+/-0.000	χ^2/NDF : 226577476657807585202083767685360289579008.0/11
Right Out: 65555.147+/-0.000	χ^2/NDF : 212001467811386750910625783195999741673472.0/15
Left In: 95749.411+/-0.000	χ^2/NDF : 102376761881530271427340284738693826084864.0/10

+ sign 82916.711+/-0.000 χ^2/NDF : 6045168976255
 All: 83004.616+/-0.000 χ^2/NDF : 1272083143
 - sign 83090.974+/-0.000 χ^2/NDF : 6675423024903

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14

Left Out: 1332.669+/-0.000 χ^2/NDF : 117488793251165999850417206895273050112.0/11

Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15

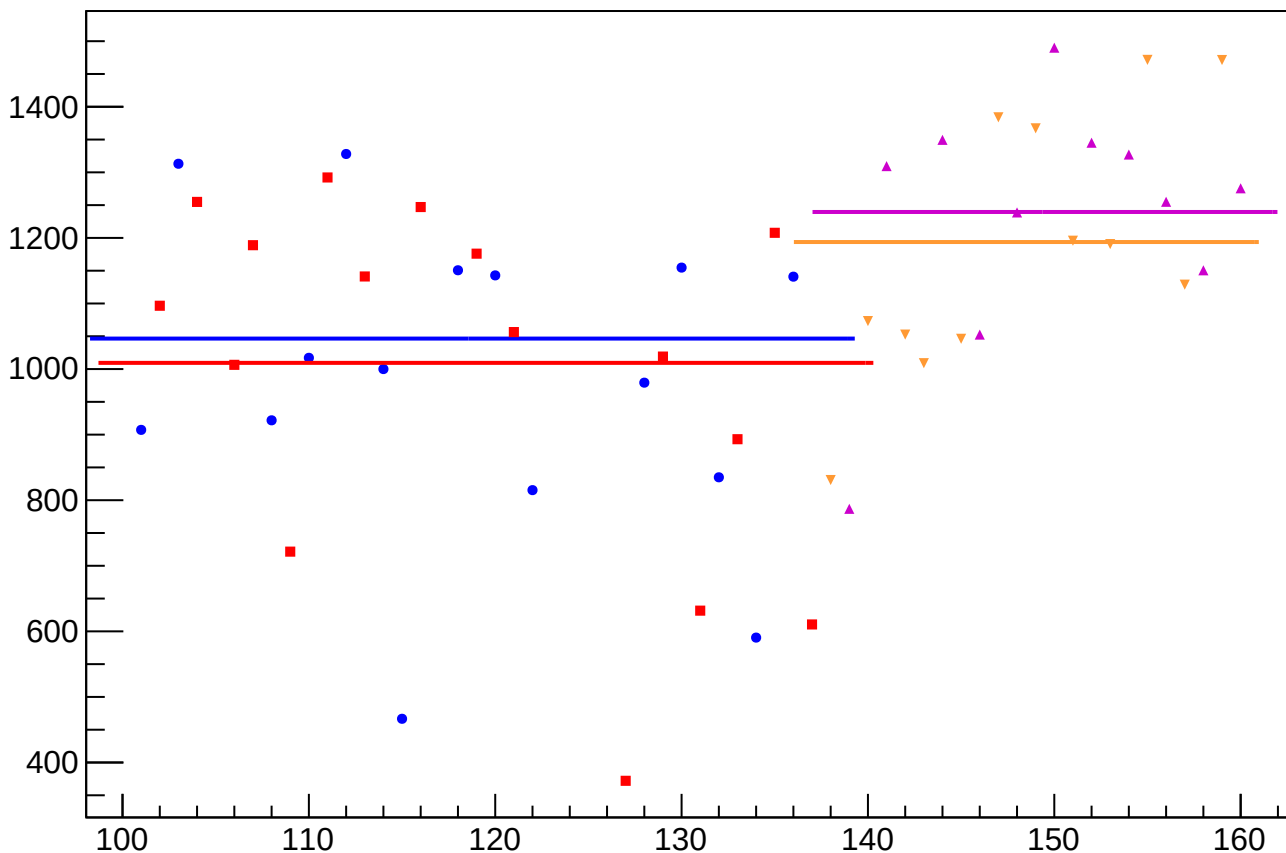
Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

+ sign 1331.958+/-0.000 χ^2/NDF : 76697117094463

All: 1318.066+/-0.000 χ^2/NDF : 15167335846

- sign 1304.419+/-0.000 χ^2/NDF : 74916446361161

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

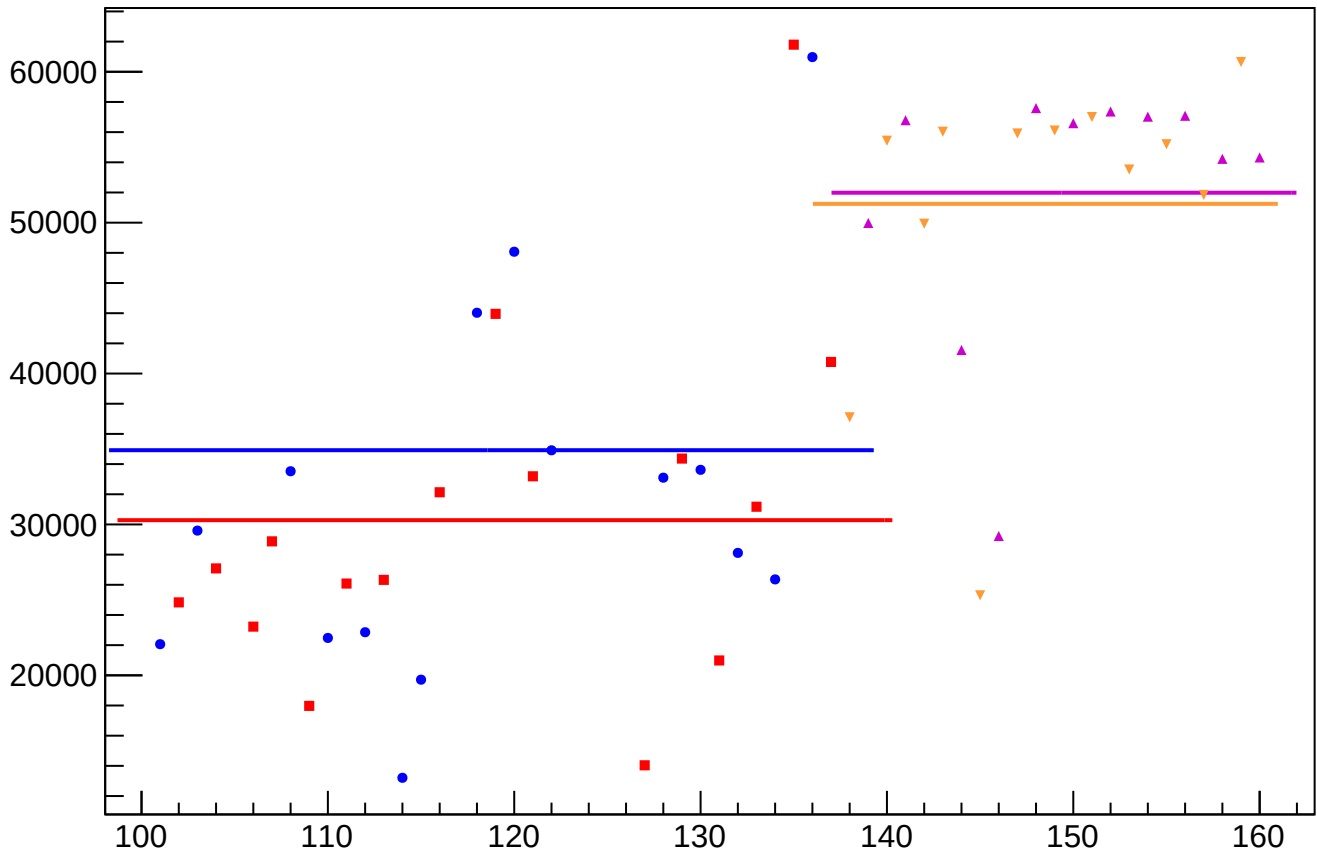
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

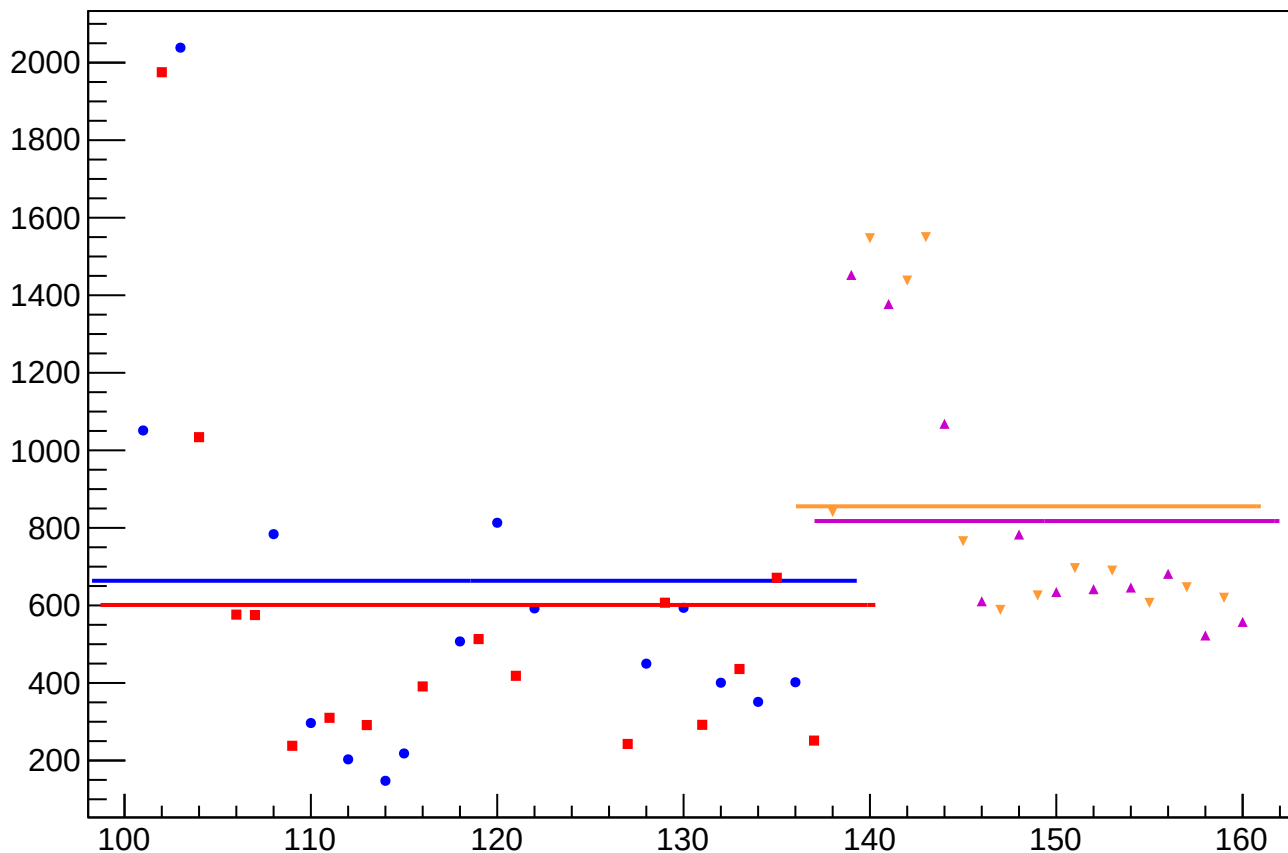
dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000	χ^2/NDF : 106387385440718622155122541848729997017088.0/14
Left Out: 51246.568+/-0.000	χ^2/NDF : 86168540614102445062046954668602534395904.0/11
Right Out: 30282.373+/-0.000	χ^2/NDF : 88346165266593126627598951693506073067520.0/15
Left In: 51985.374+/-0.000	χ^2/NDF : 67172587579518863379504132116294676774912.0/10

+ sign 44467.216+/-0.000 χ^2/NDF : 2937224586407
 All: 43669.971+/-0.000 χ^2/NDF : 6336704207
 - sign 42886.756+/-0.000 χ^2/NDF : 3379785593938

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 855.627+/-0.000 χ^2/NDF : 114895226746628689144721696446463606784.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

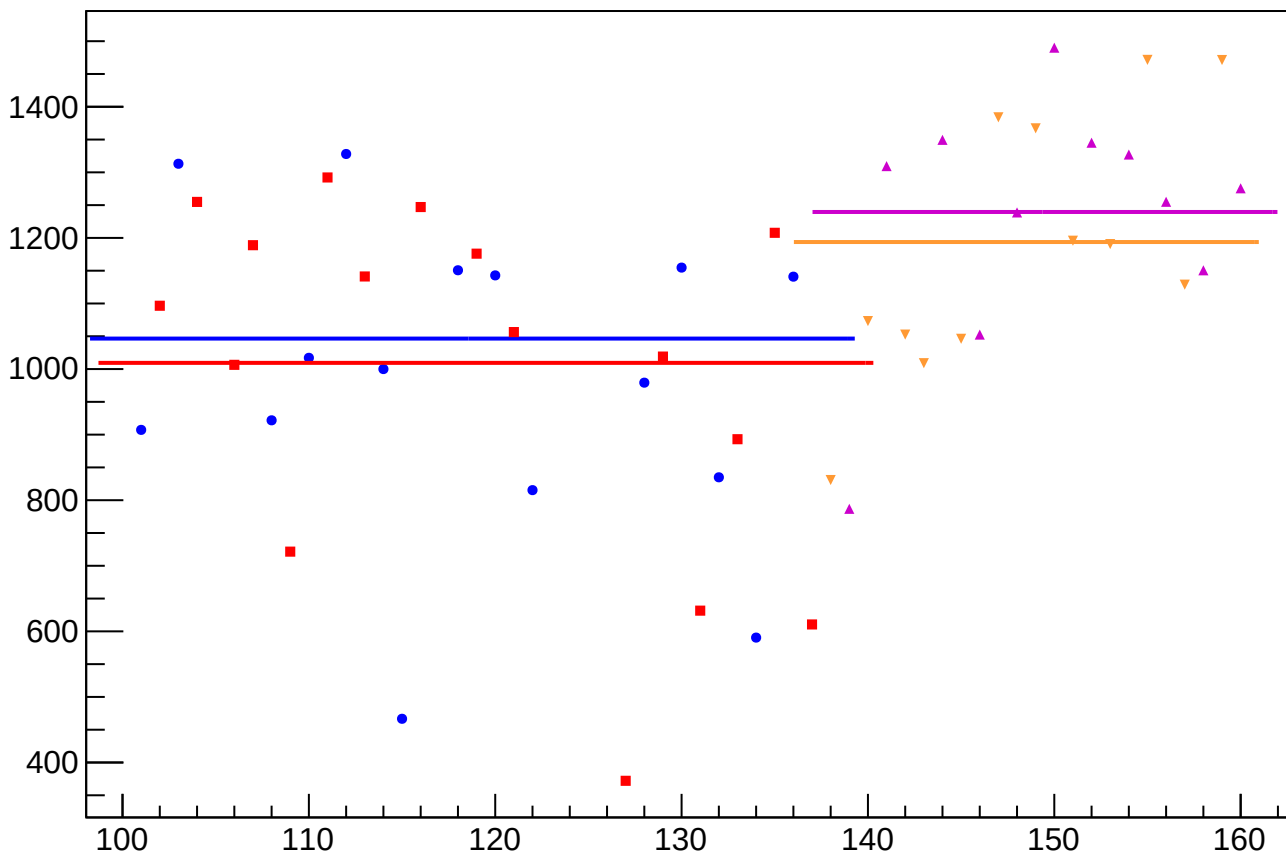
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

All: 751.182+/-0.000 χ^2/NDF : 546770040595

- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

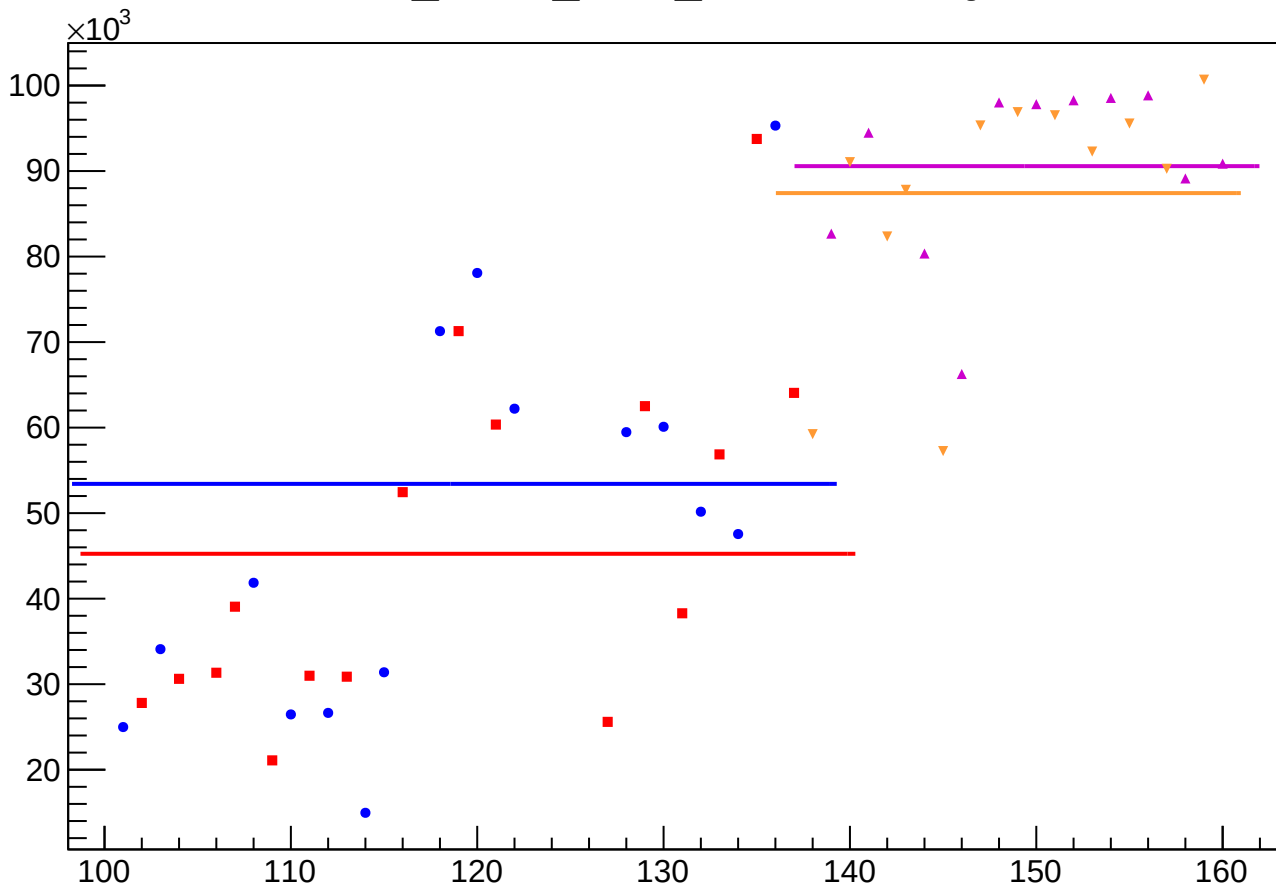
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

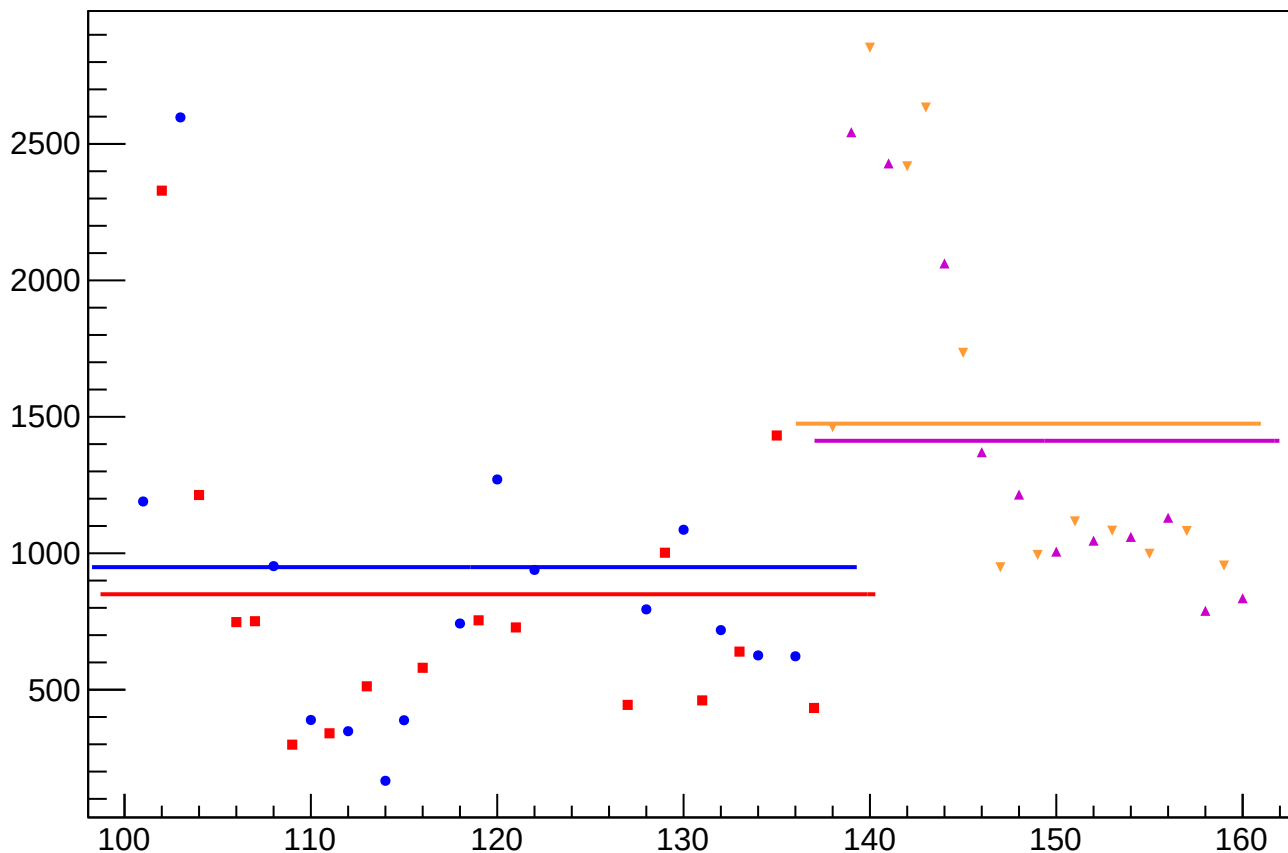
dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000	χ^2/NDF : 360635757315133800133751123167777346551808.0/14
Left Out: 87421.965+/-0.000	χ^2/NDF : 176009447933973172298765808269588074332160.0/11
Right Out: 45247.617+/-0.000	χ^2/NDF : 286060196488034430215784613374055547928576.0/15
Left In: 90573.760+/-0.000	χ^2/NDF : 90574081394354221593949262312406685581312.0/10

+ sign 73304.445+/-0.000 χ^2/NDF : 9753549747664
 All: 72430.299+/-0.000 χ^2/NDF : 2150195804
 - sign 71571.537+/-0.000 χ^2/NDF : 1172473175377

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1474.996+/-0.000 χ^2/NDF : 407776279141254062636078508853738602496.0/11

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

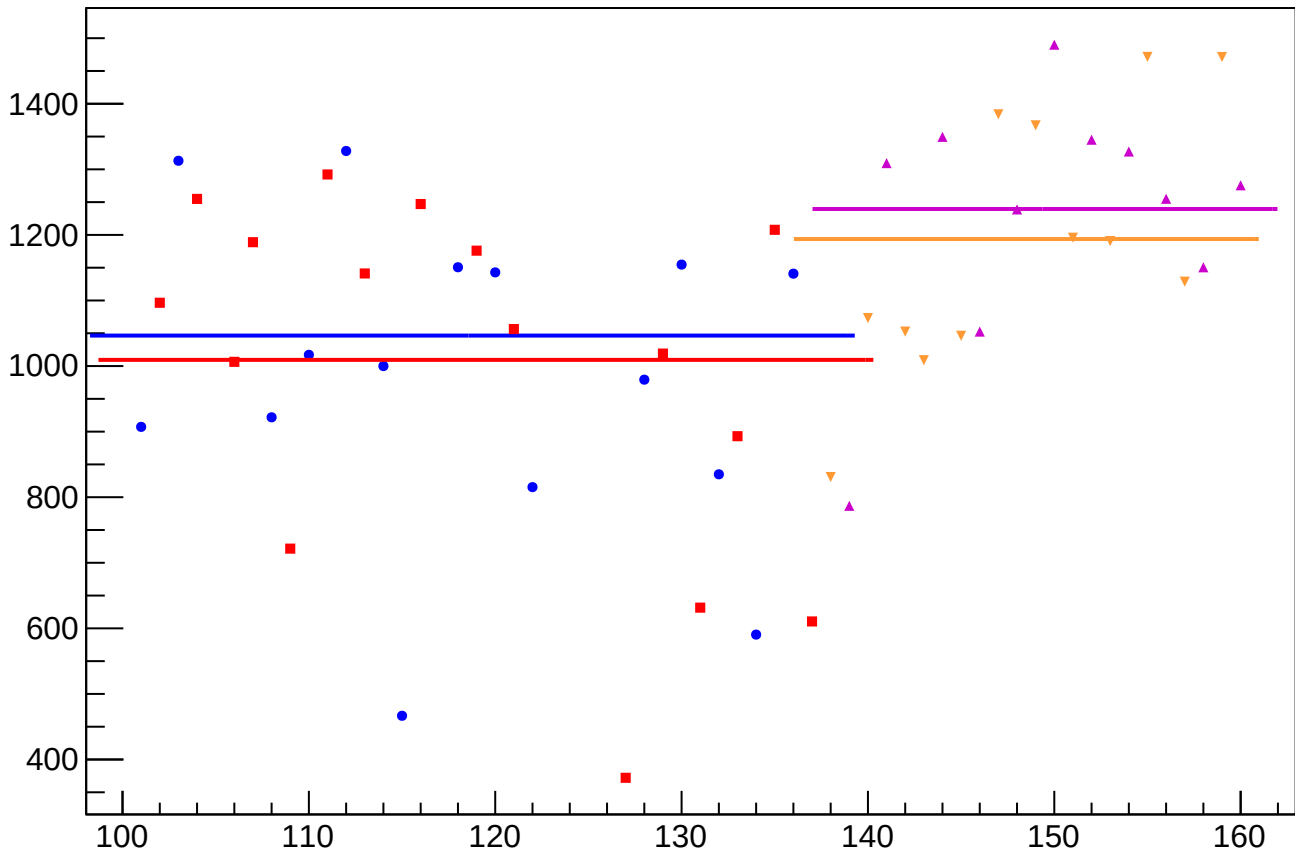
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670+/-0.000 χ^2/NDF : 73839035869210

All: 1216.192+/-0.000 χ^2/NDF : 14031243171

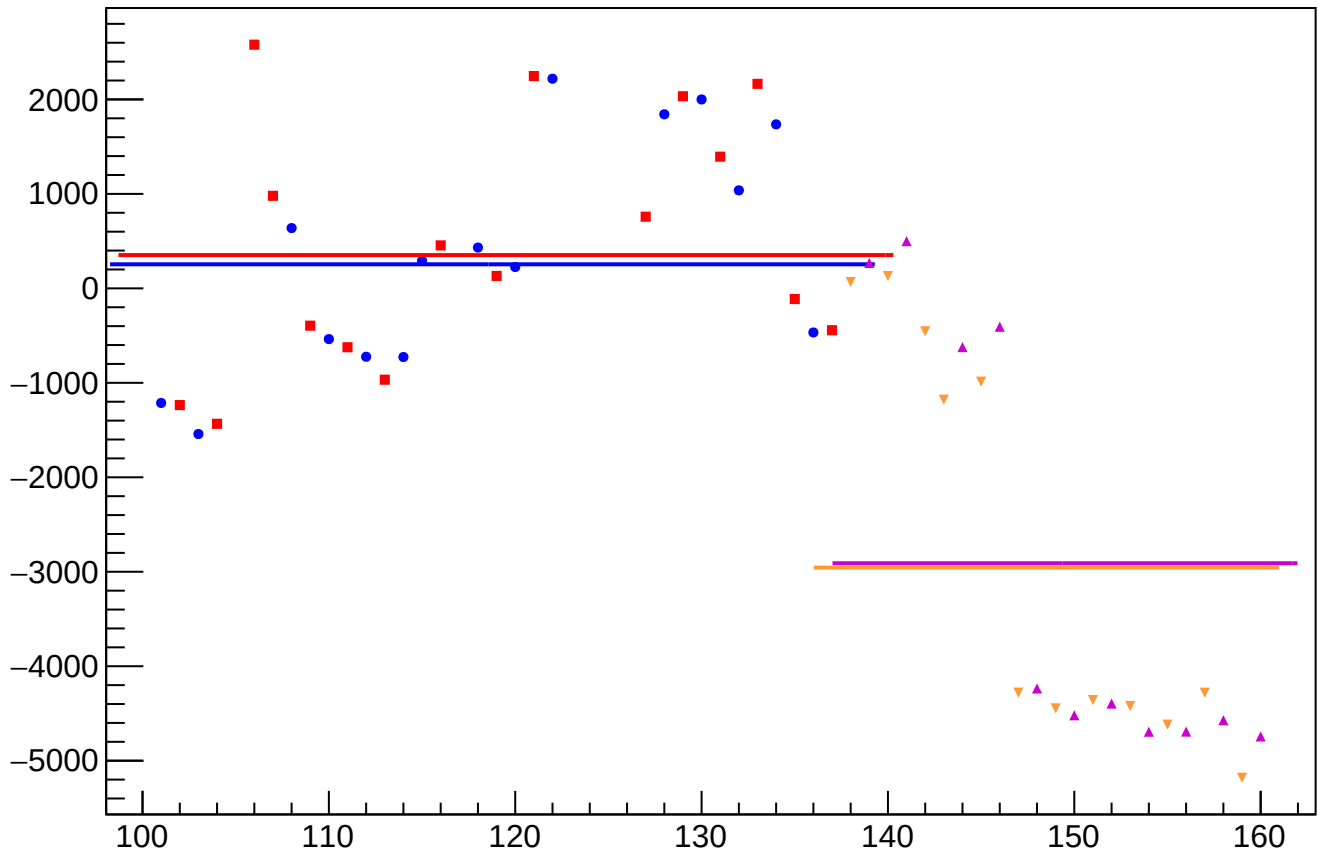
- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



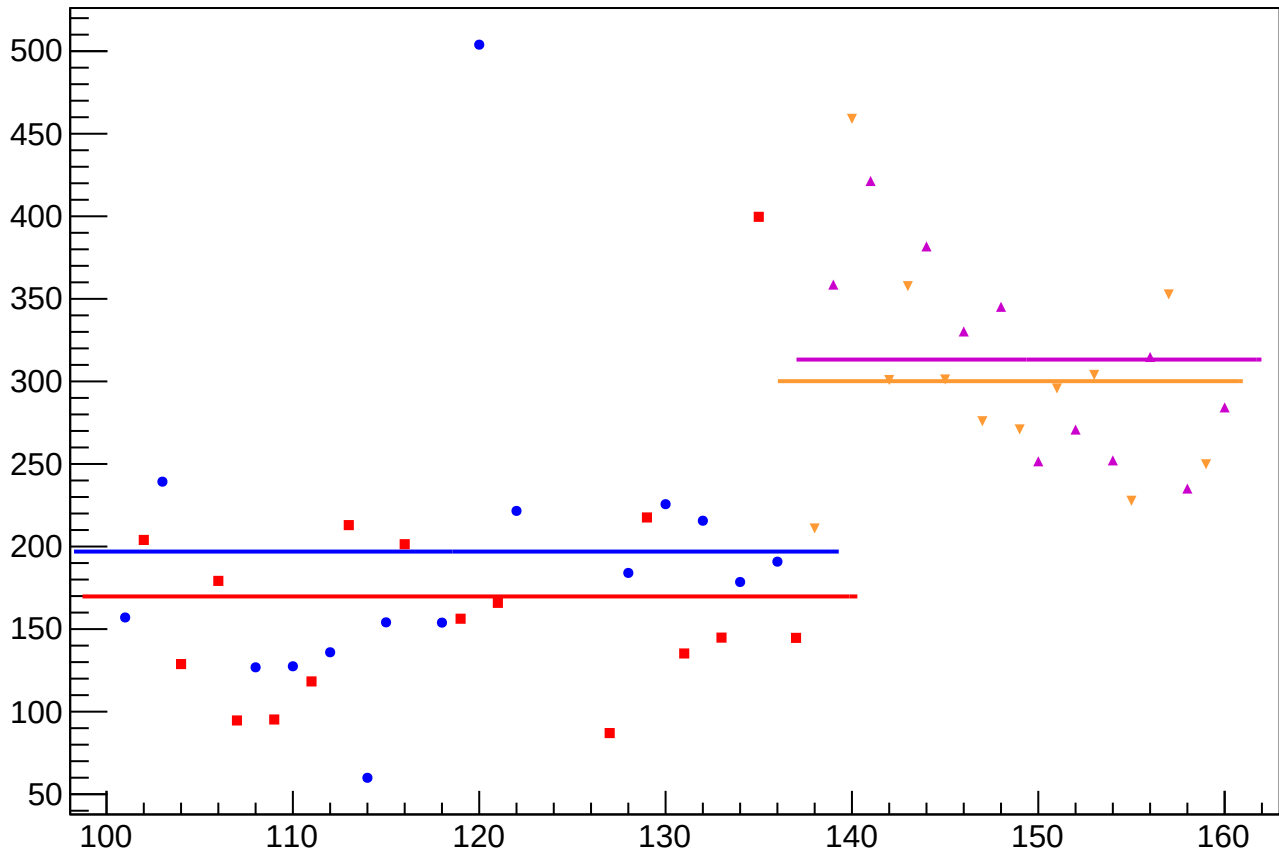
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



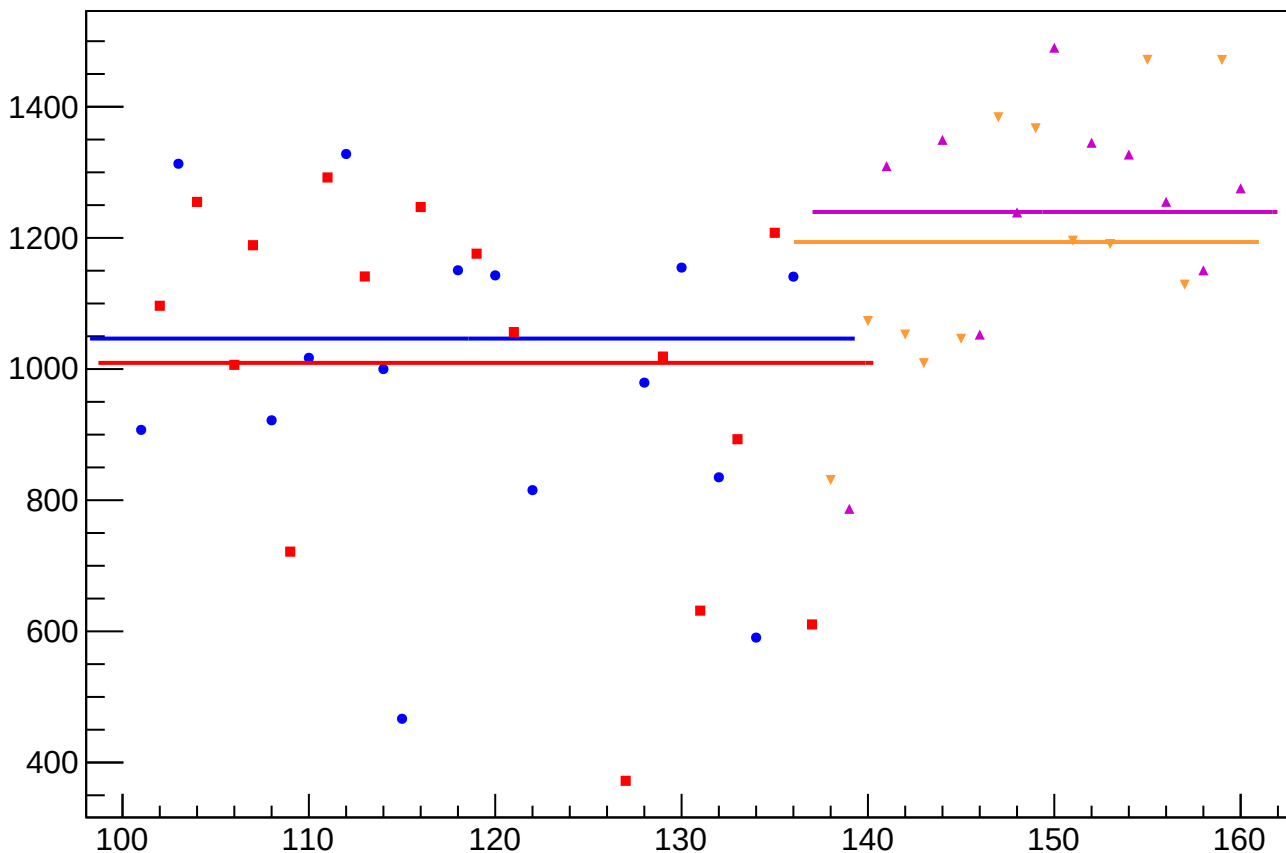
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -2955.997+/-0.000 χ^2/NDF : 3707818280907677847342876591435129290752.0/11
 Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -2909.545+/-0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 257.303+/-0.000	χ^2/NDF : 124000774019819
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11	All: 255.177+/-0.000	χ^2/NDF : 273569793225
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- sign 253.089+/-0.000	χ^2/NDF : 149429007533601
Left In: 313.228+/-0.000	χ^2/NDF : 3079061701843560714774529768142405632.0/10		

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

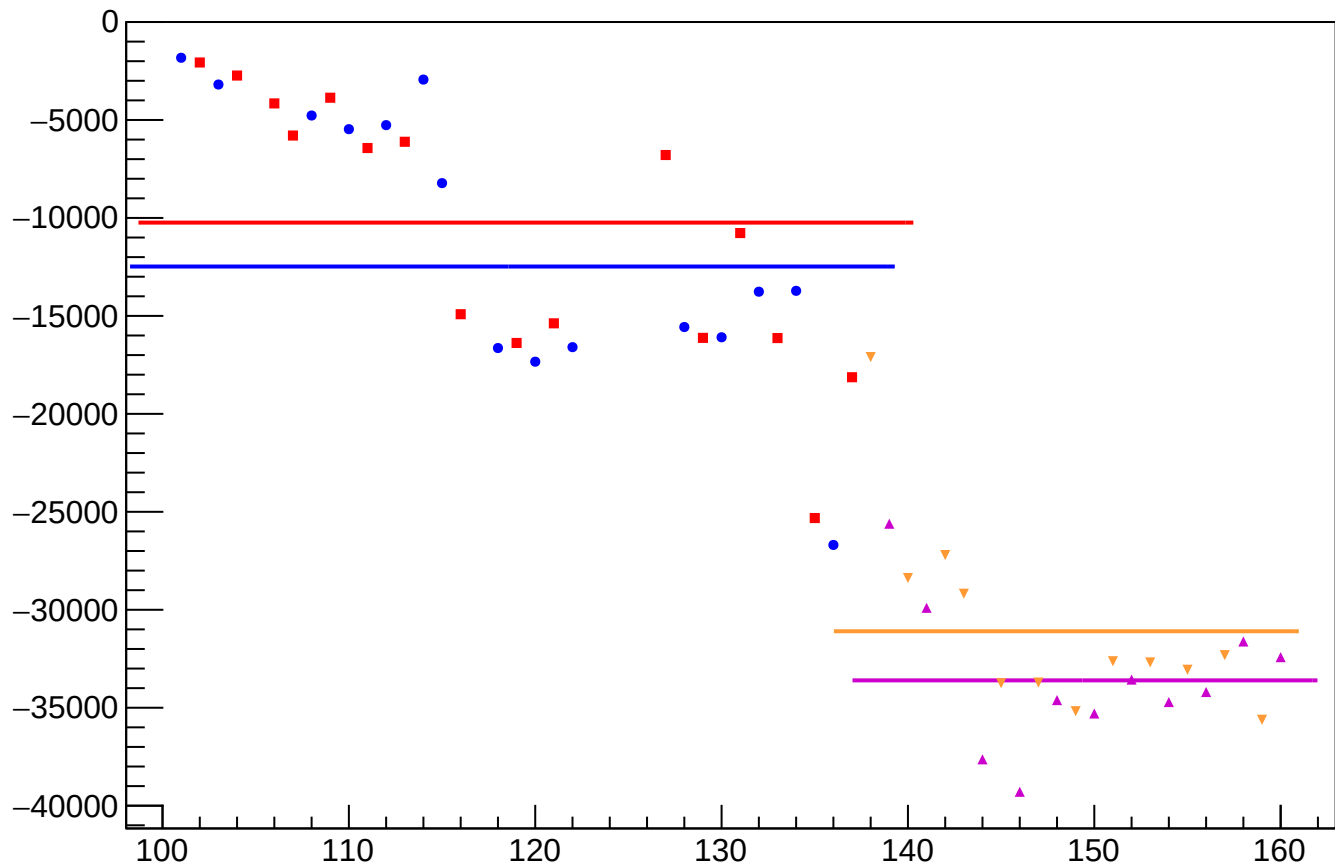
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

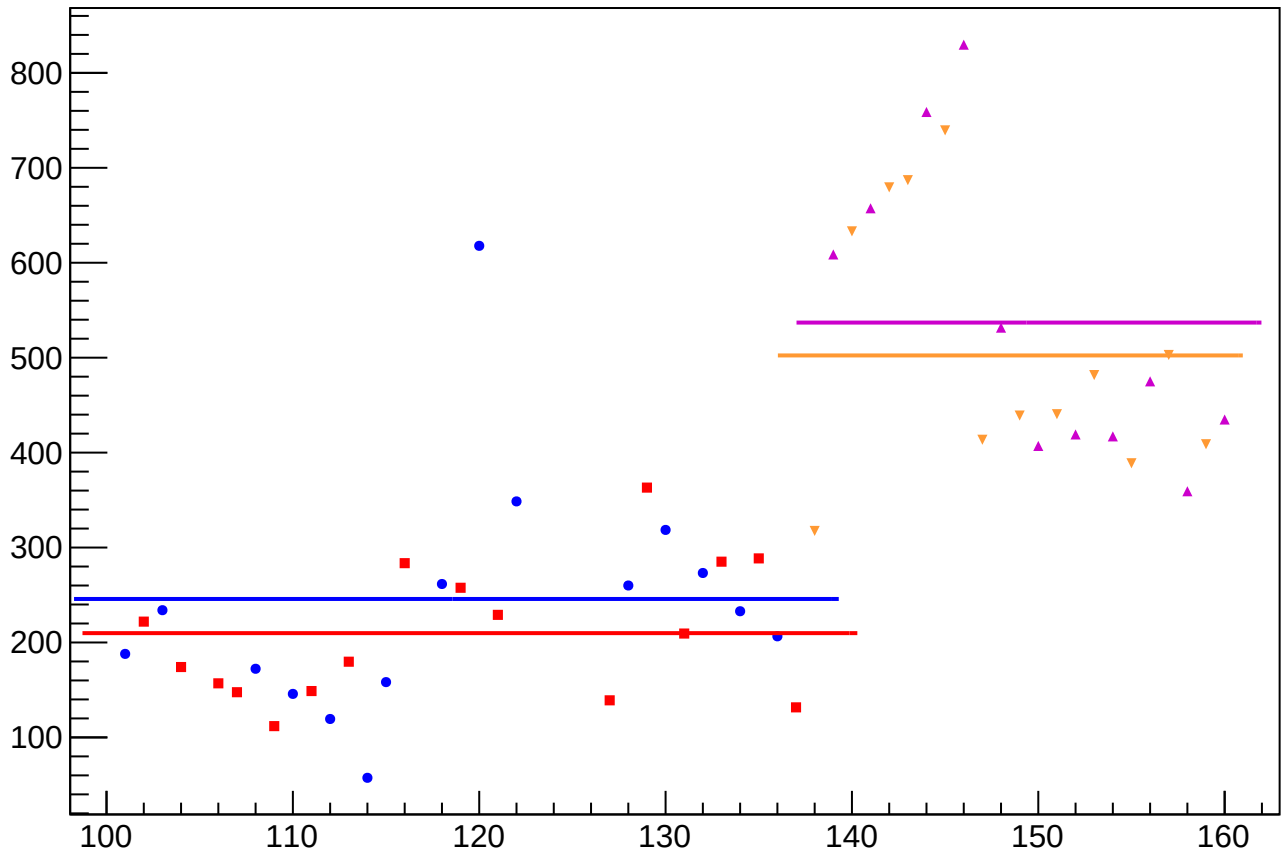
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam6_coil1_mean vs Slug



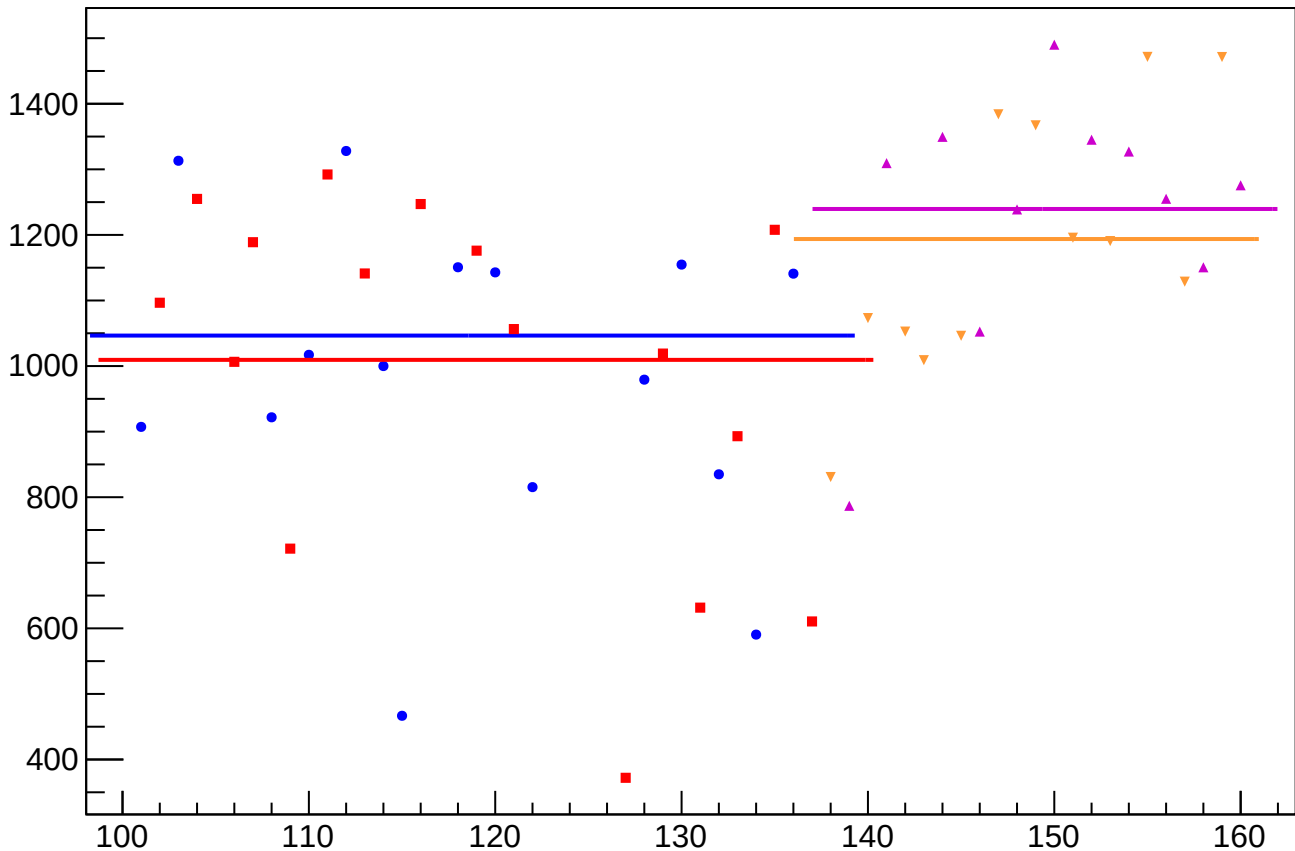
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -31096.364+/-0.000 χ^2/NDF : 21759430970673179273891990313759368282112.0/11
 Right Out: -10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -33603.125+/-0.000 χ^2/NDF : 11377877741280377988076632069746943066112.0/10

dit_sam6_coil1_err_mean vs Slug



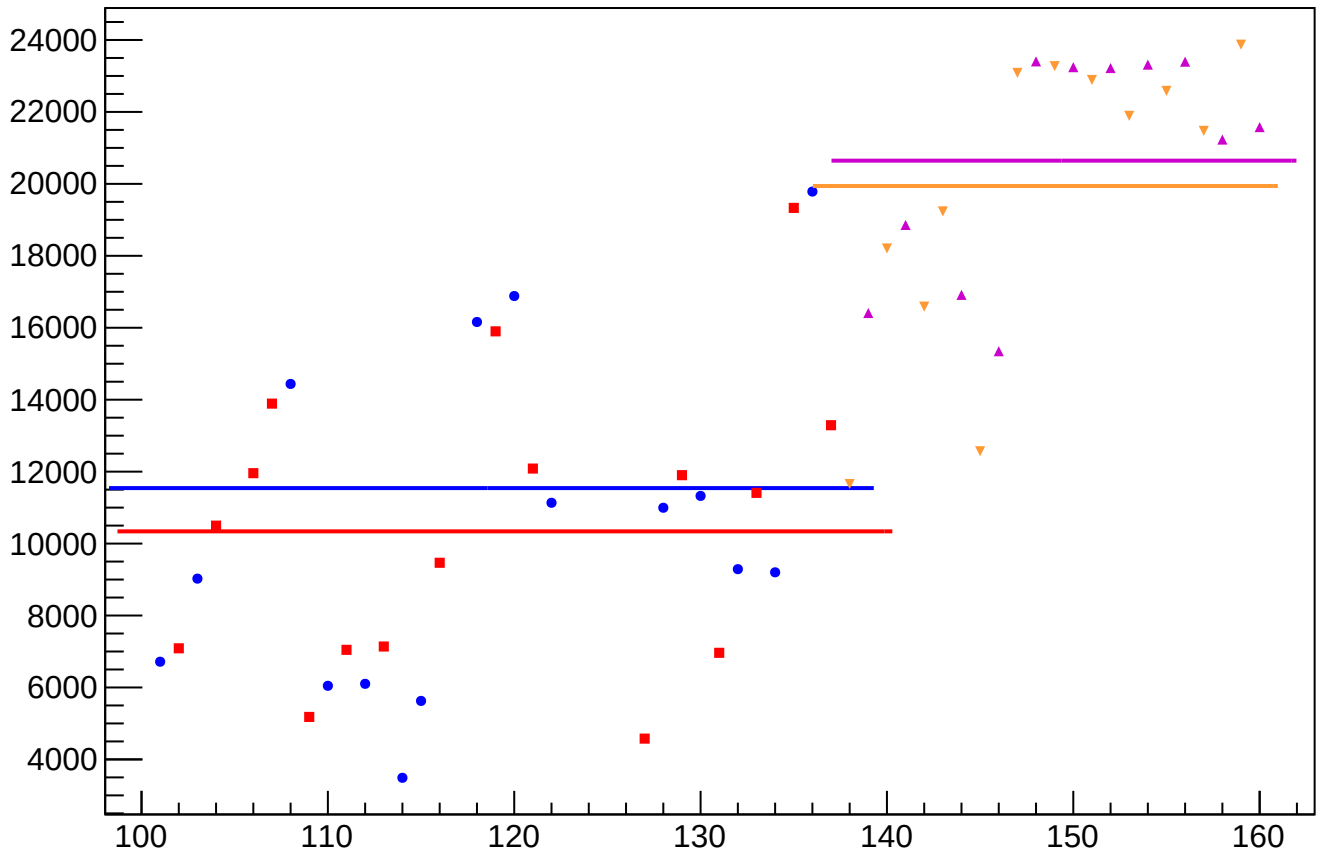
Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14	+ sign 395.846+/-0.000	χ^2/NDF : 479955291741577
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11	All: 397.856+/-0.000	χ^2/NDF : 113394044527
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15	- sign 399.831+/-0.000	χ^2/NDF : 653859962401754
Left In: 536.975+/-0.000	χ^2/NDF : 20803022486400810956958367719555596288.0/10		

dit_sam6_coil1_Ndata_mean vs Slug



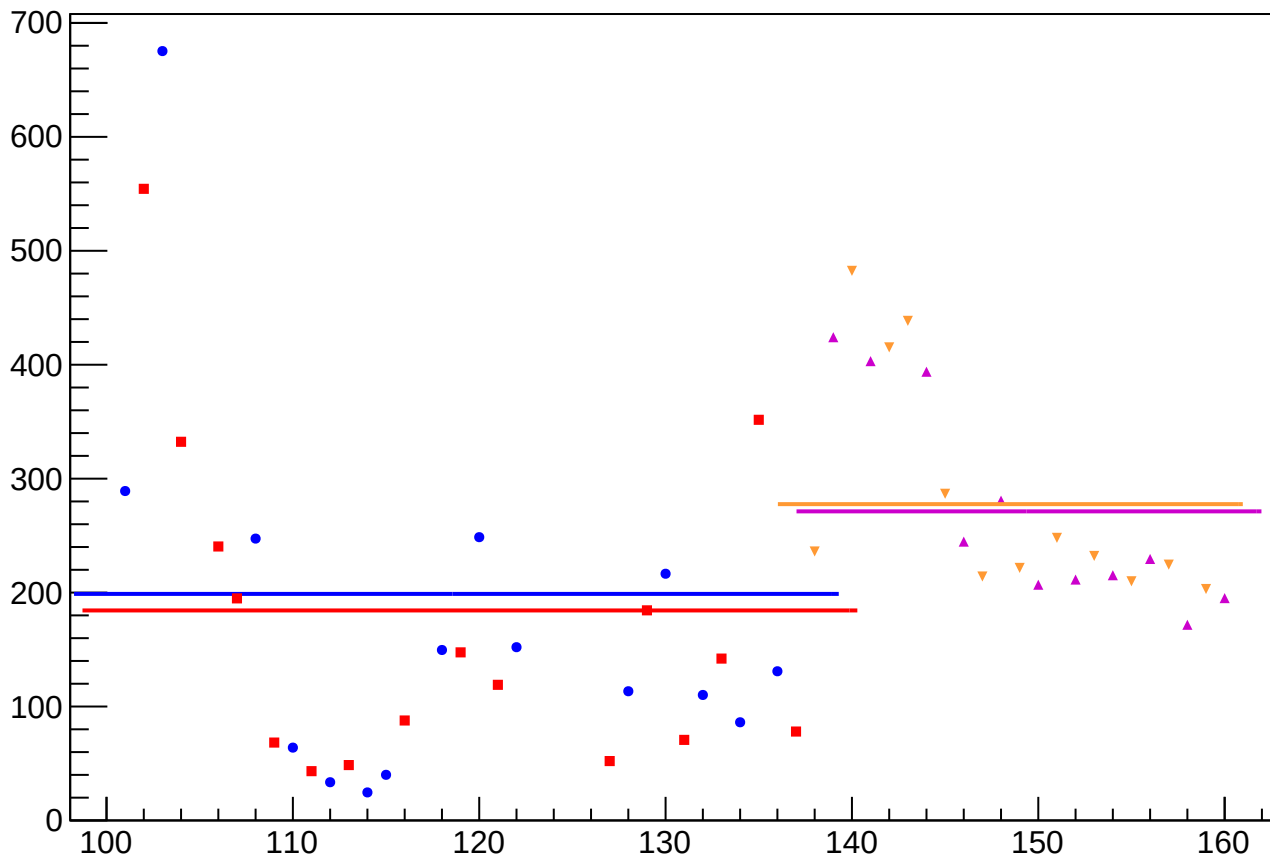
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 19940.398+/-0.000 χ^2/NDF : 15069486743345866506868658008400293003264.0/11
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 20645.358+/-0.000 χ^2/NDF : 8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 277.638+/-0.000 χ^2/NDF : 8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

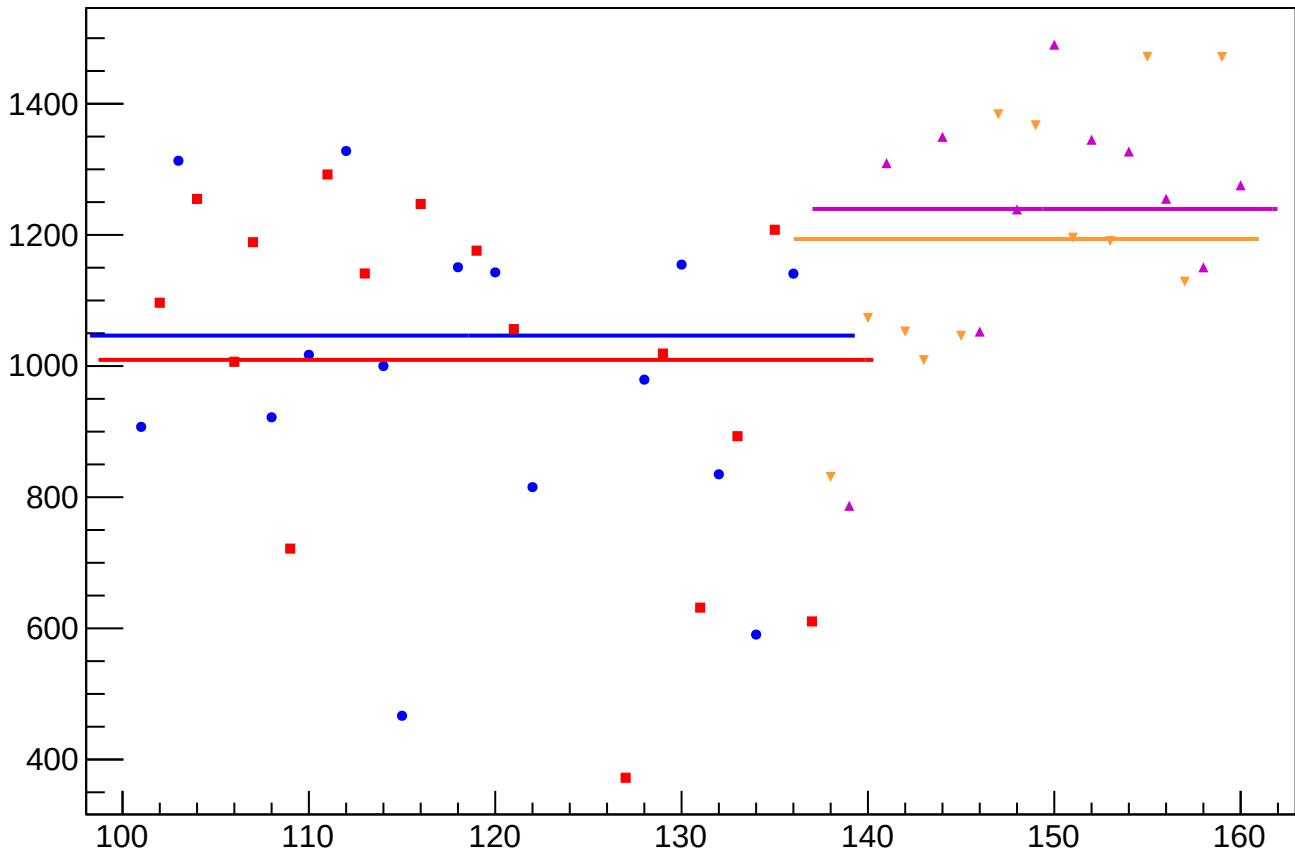
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF : 287284397950927

All: 239.833+/-0.000 χ^2/NDF : 537780837700

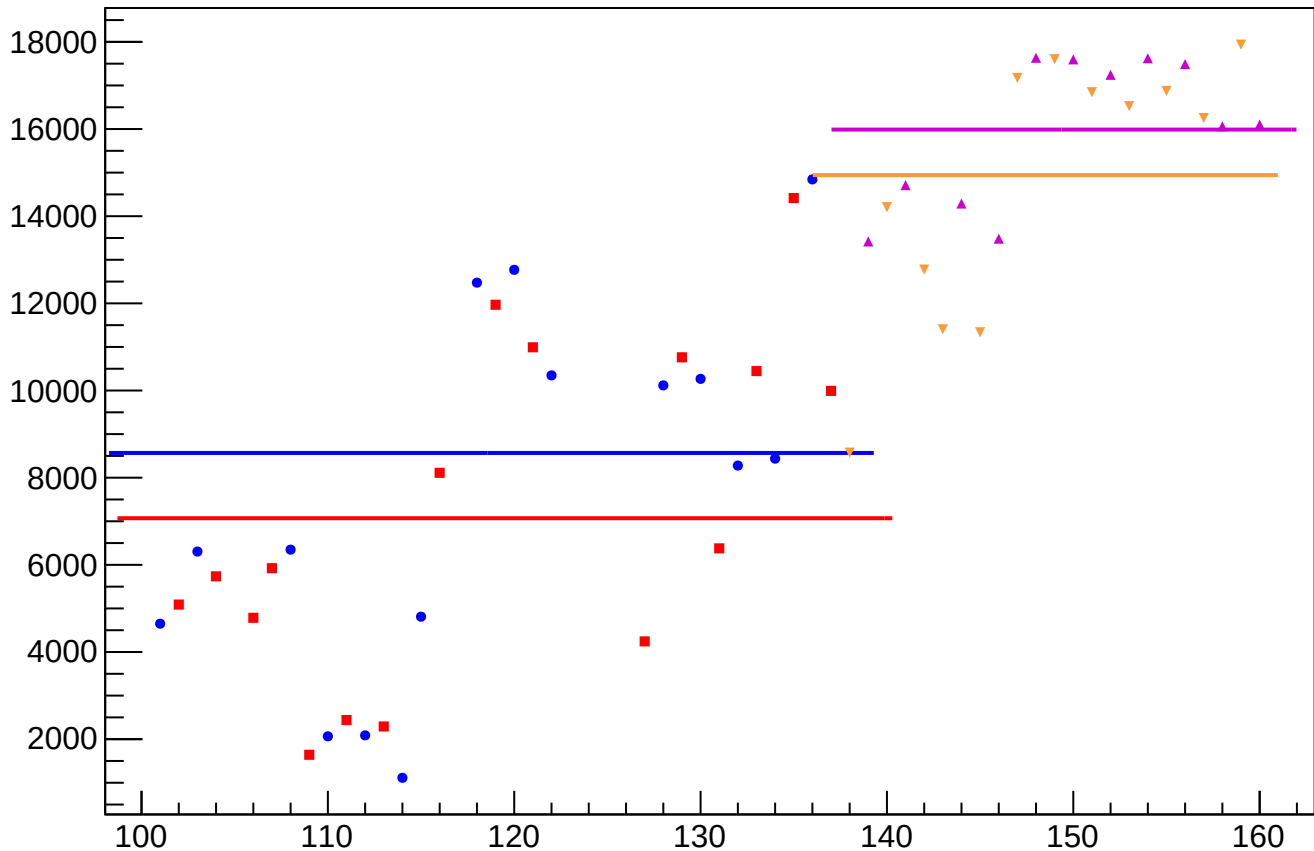
- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

dit_sam7_coil1_Ndata_mean vs Slug



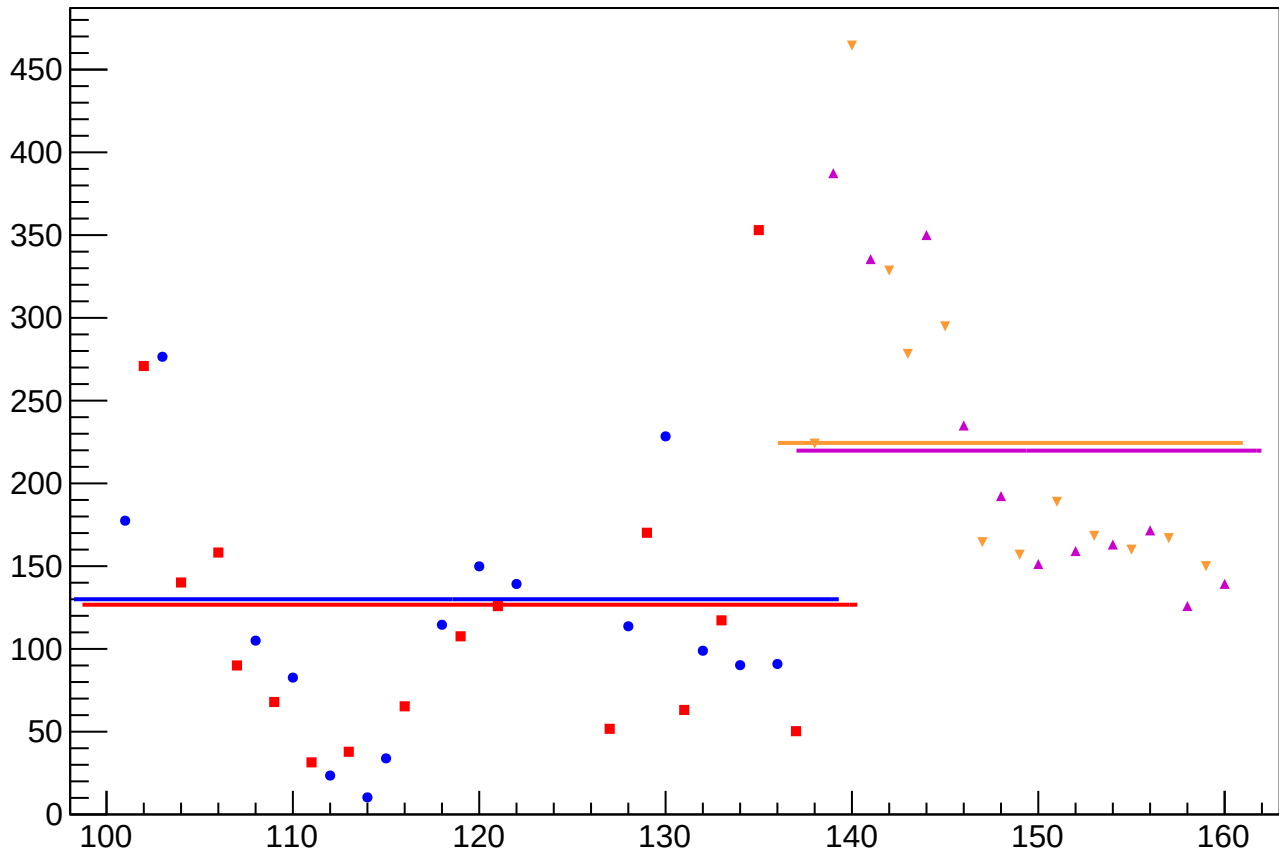
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



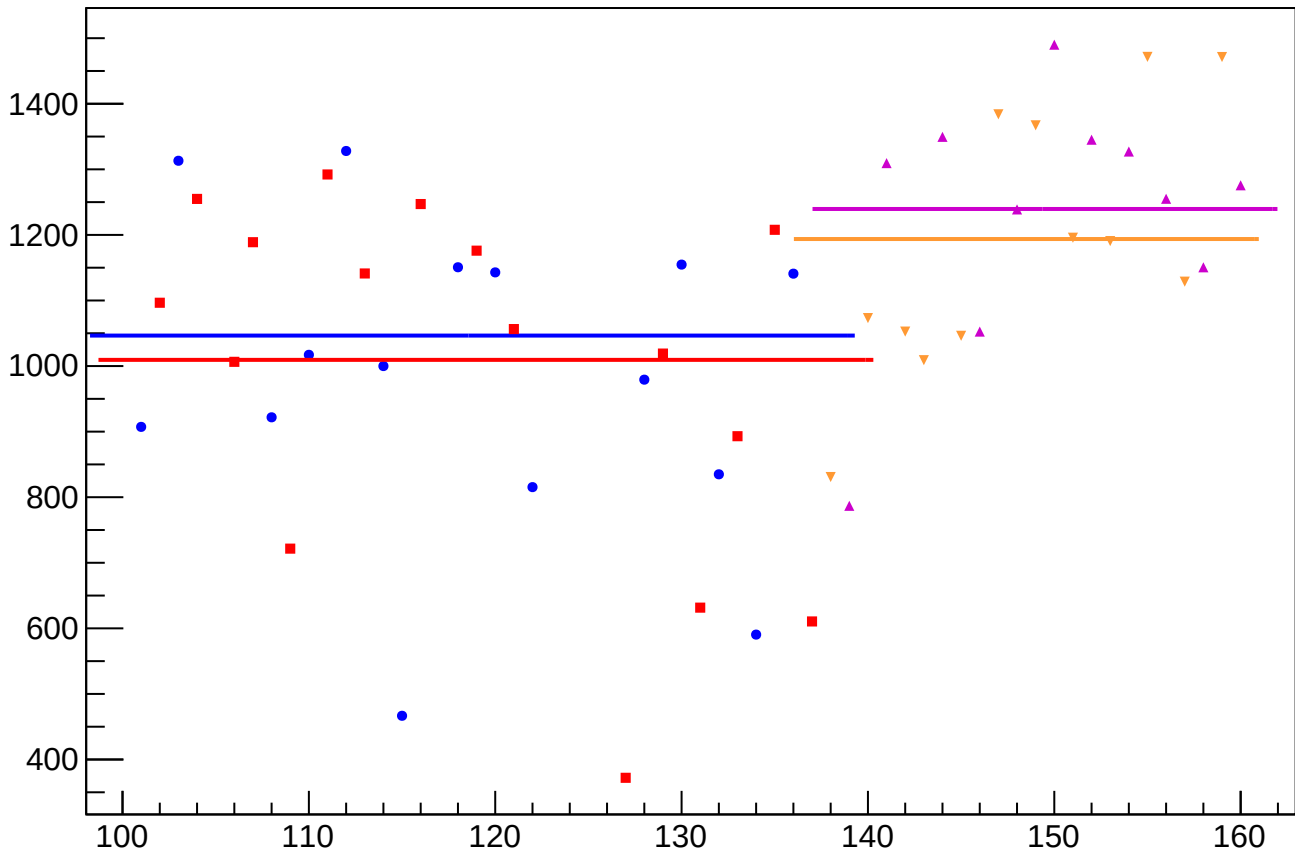
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14943.560+/-0.000 χ^2/NDF : 7900539606524387386359998406585036570624.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 247039342825481572862908332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



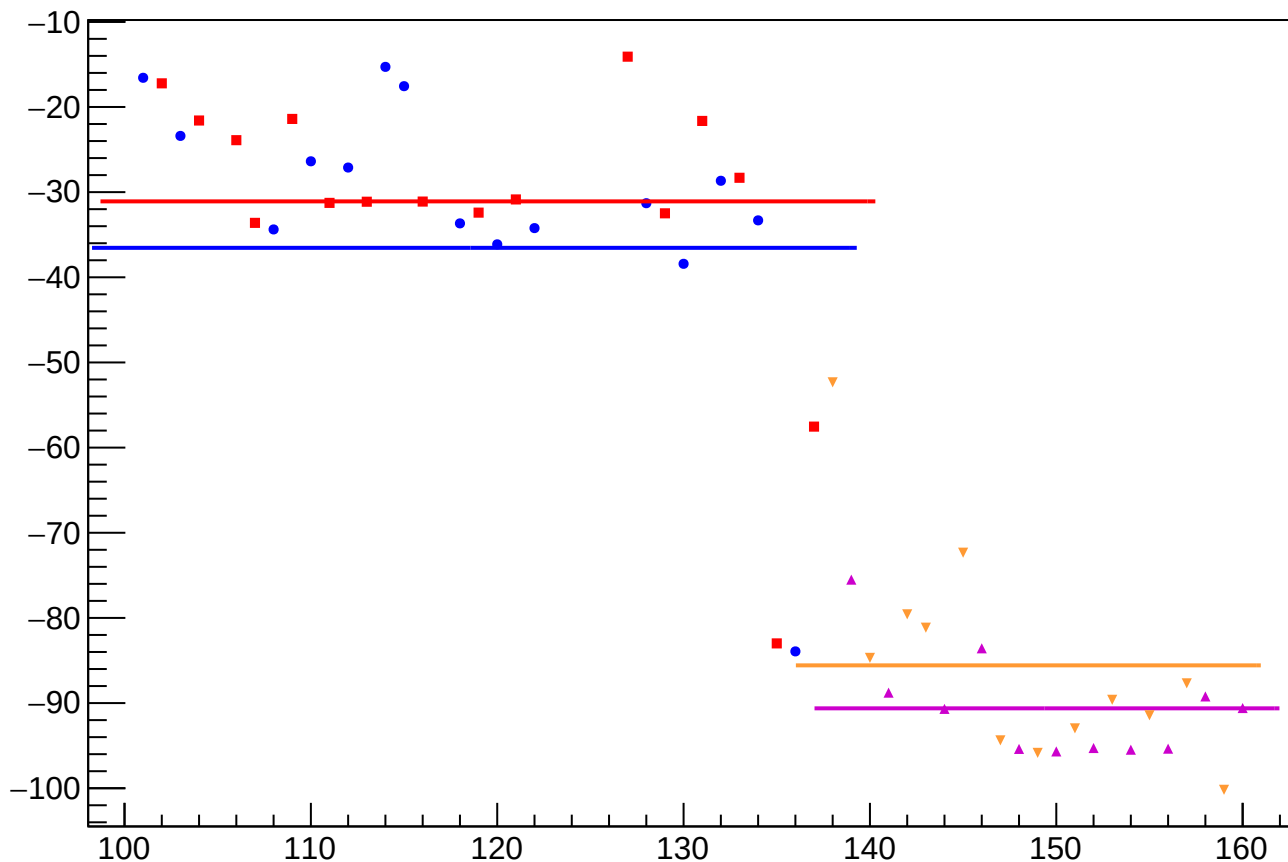
Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Left Out: 224.458+/-0.000 χ^2/NDF : 7870394140048491055430374232164401152.0/11
 Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15
 Left In: 219.787+/-0.000 χ^2/NDF : 7418609629454172879787970620999860224.0/10

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540 ± 0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -85.570 ± 0.000 χ^2/NDF : 143557776257547990865591640732467200.0/11

Right Out: -31.085 ± 0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15

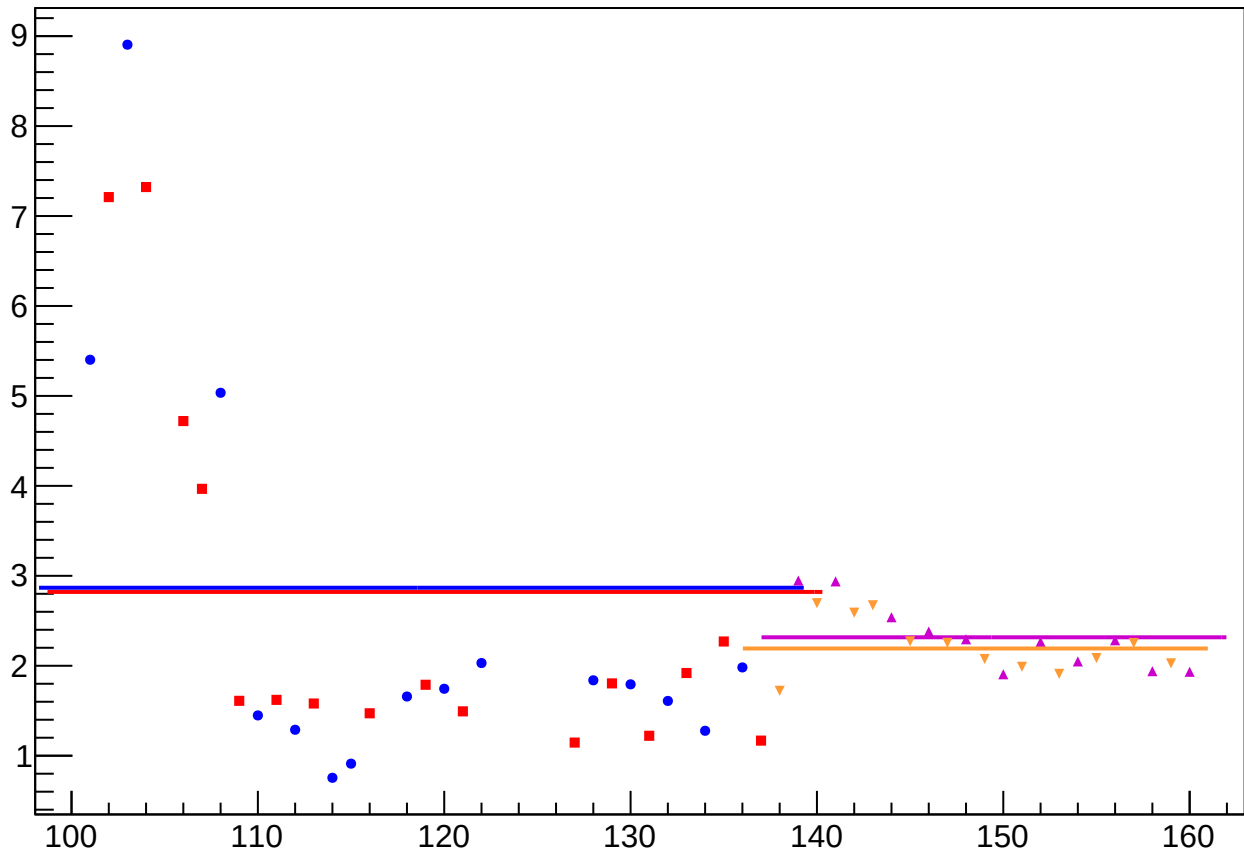
Left In: -90.618 ± 0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.212 ± 0.000 χ^2/NDF : 131026728865009

All: -65.438 ± 0.000 χ^2/NDF : 289770508585

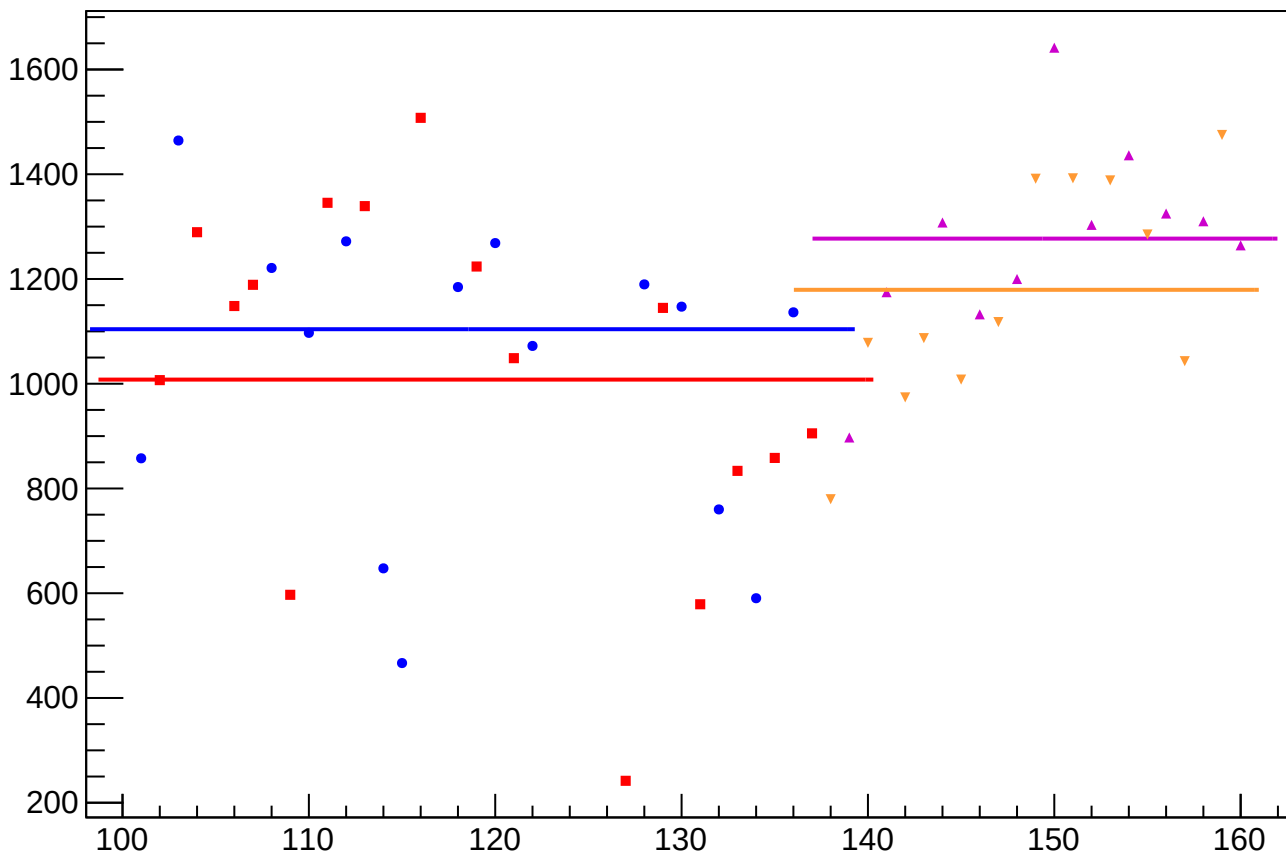
- sign -65.660 ± 0.000 χ^2/NDF : 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 +/- 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.192 +/- 0.000 χ^2/NDF : 76043906789141561084580015898624.0/11
 Right Out: 2.821 +/- 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.317 +/- 0.000 χ^2/NDF : 114372564725079889099013285216256.0/10

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

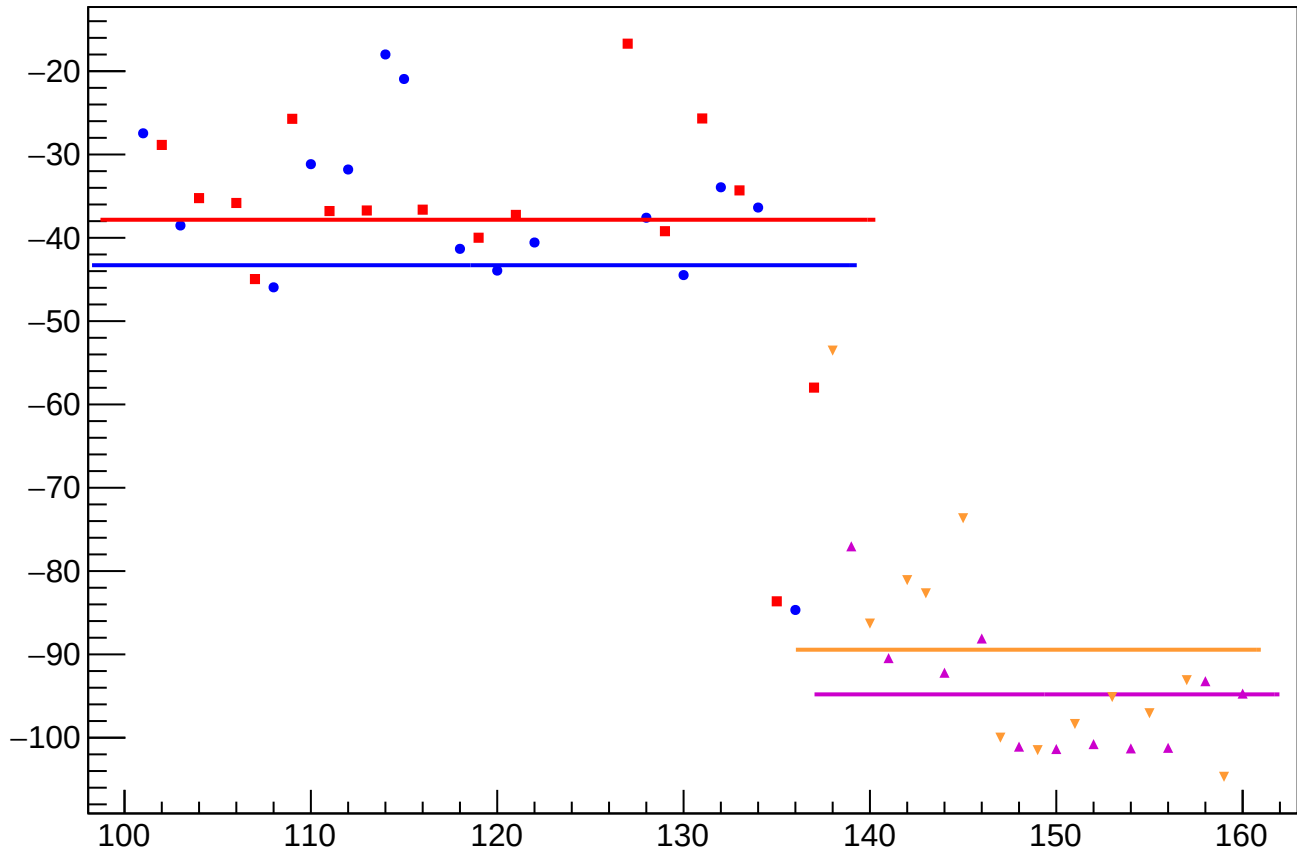
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

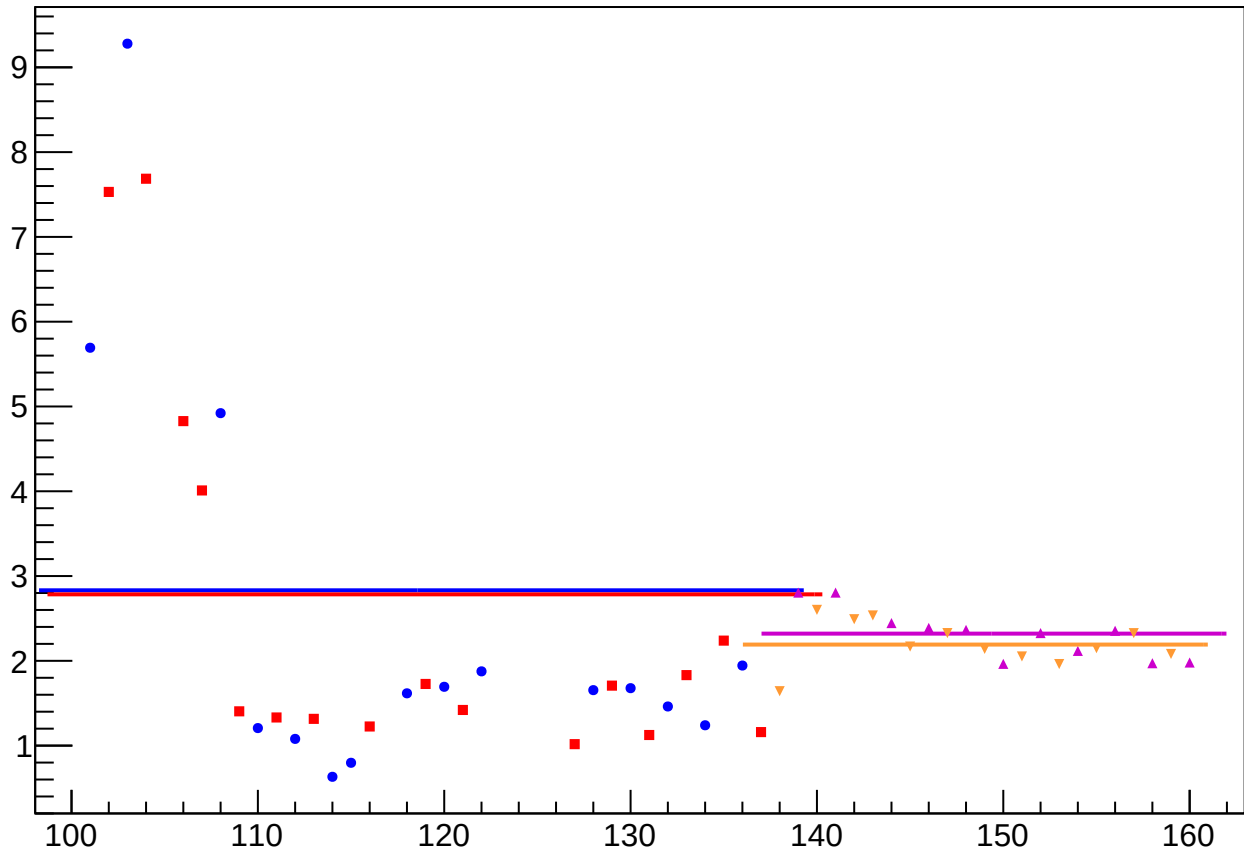
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eX_coil3_mean vs Slug



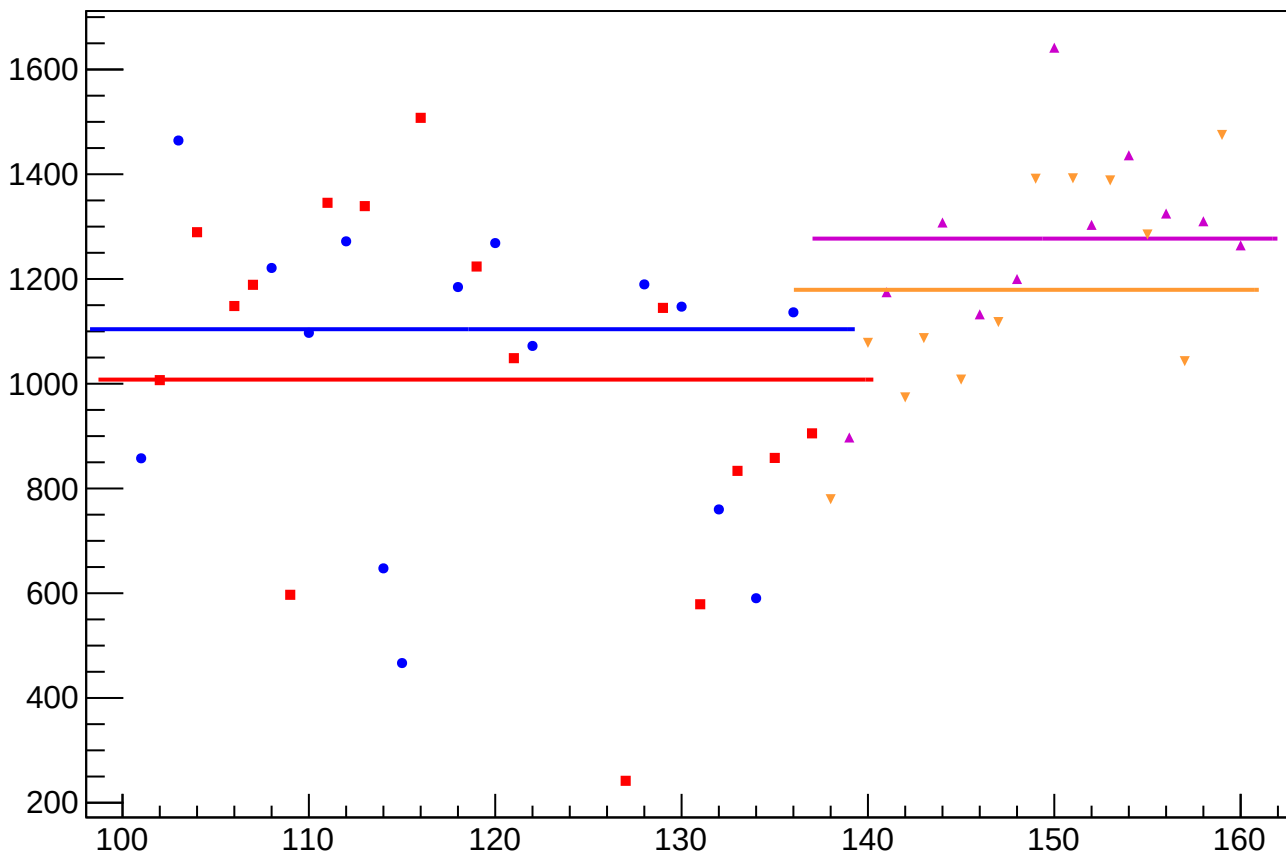
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -89.439+/-0.000 χ^2/NDF : 181119962985690841138788427972476928.0/11
 Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.192+/-0.000 χ^2/NDF : 59601559247415008947816525463552.0/11
 Right Out: 2.784+/-0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.321+/-0.000 χ^2/NDF : 74619123224616324544404505231360.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

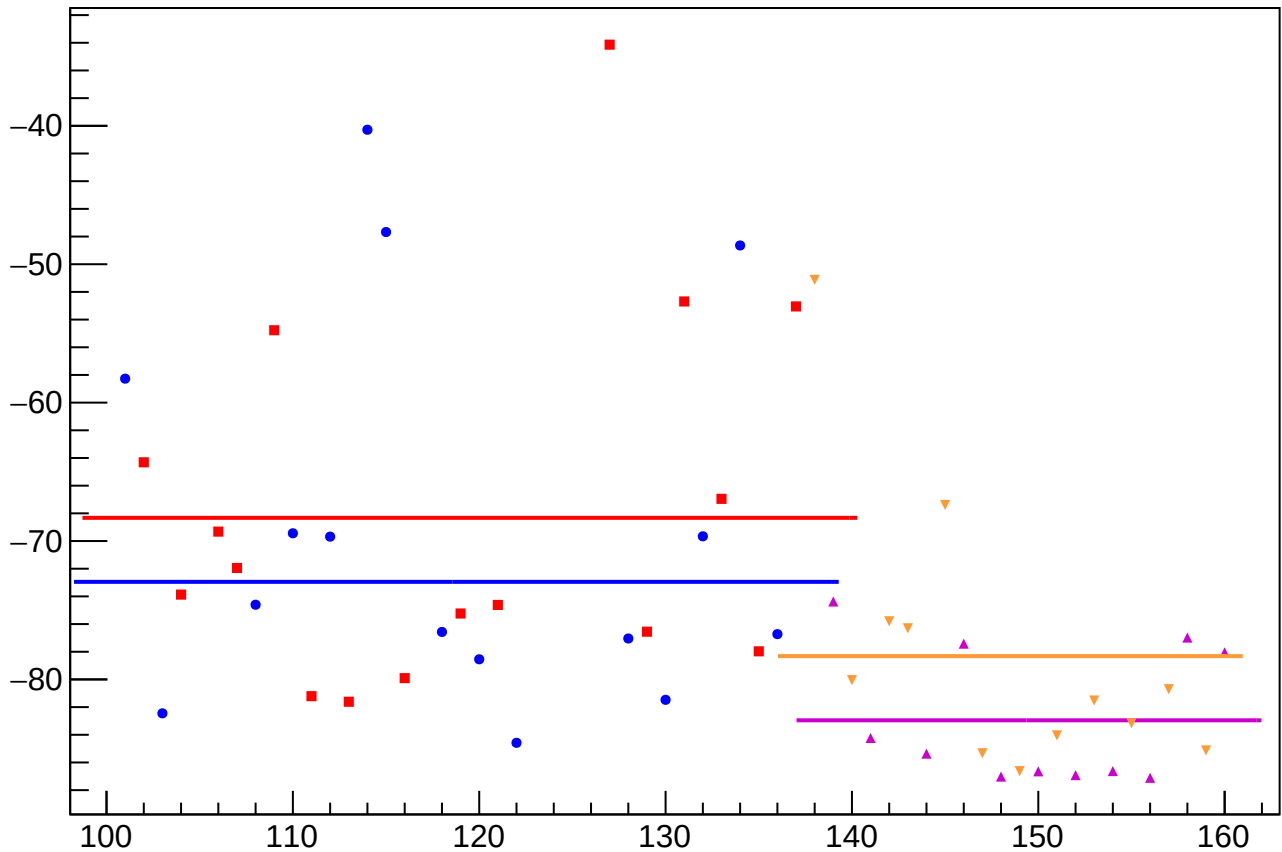
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

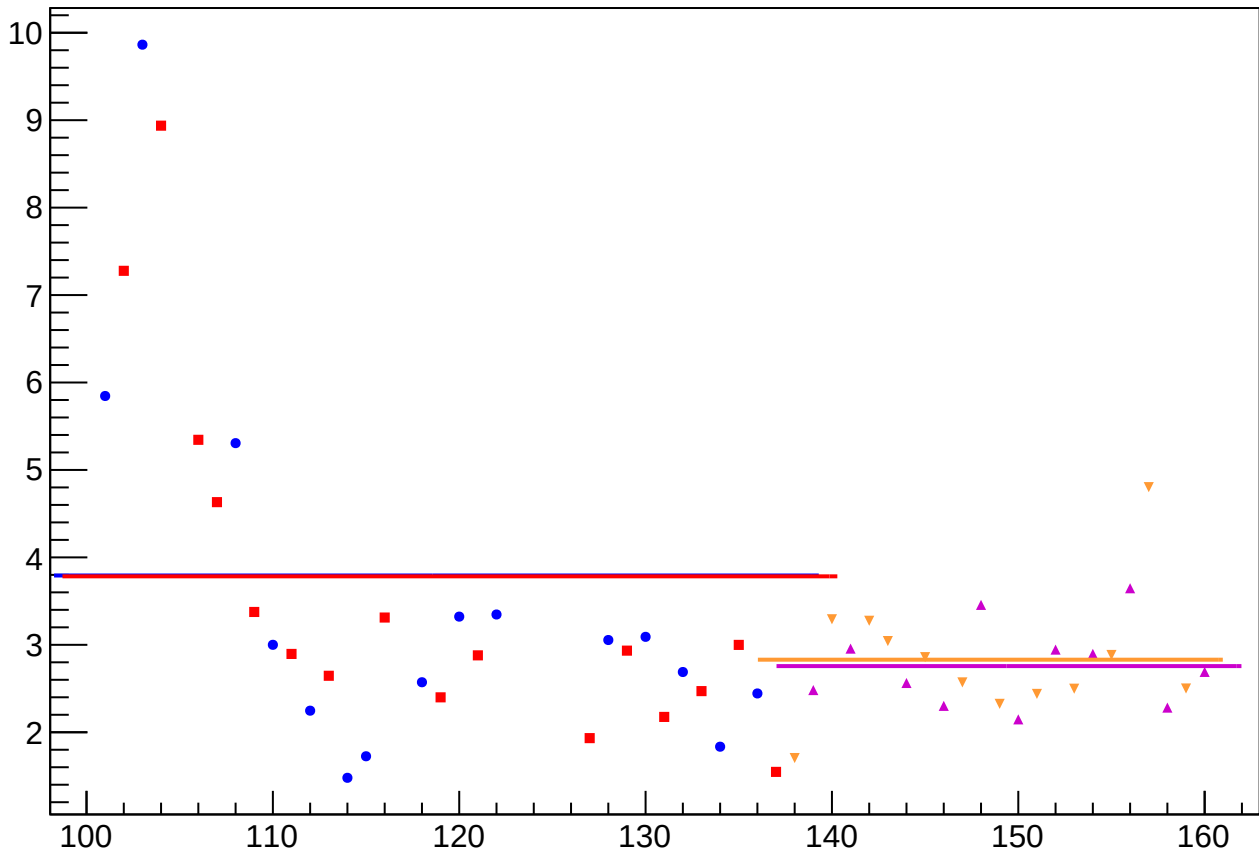
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_11X12X_coil3_mean vs Slug



Right In: -72.949 ± 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14
 Left Out: -78.317 ± 0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11
 Right Out: -68.324 ± 0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15
 Left In: -82.954 ± 0.000 χ^2/NDF : 2041915777487297849205303170564096.0/10

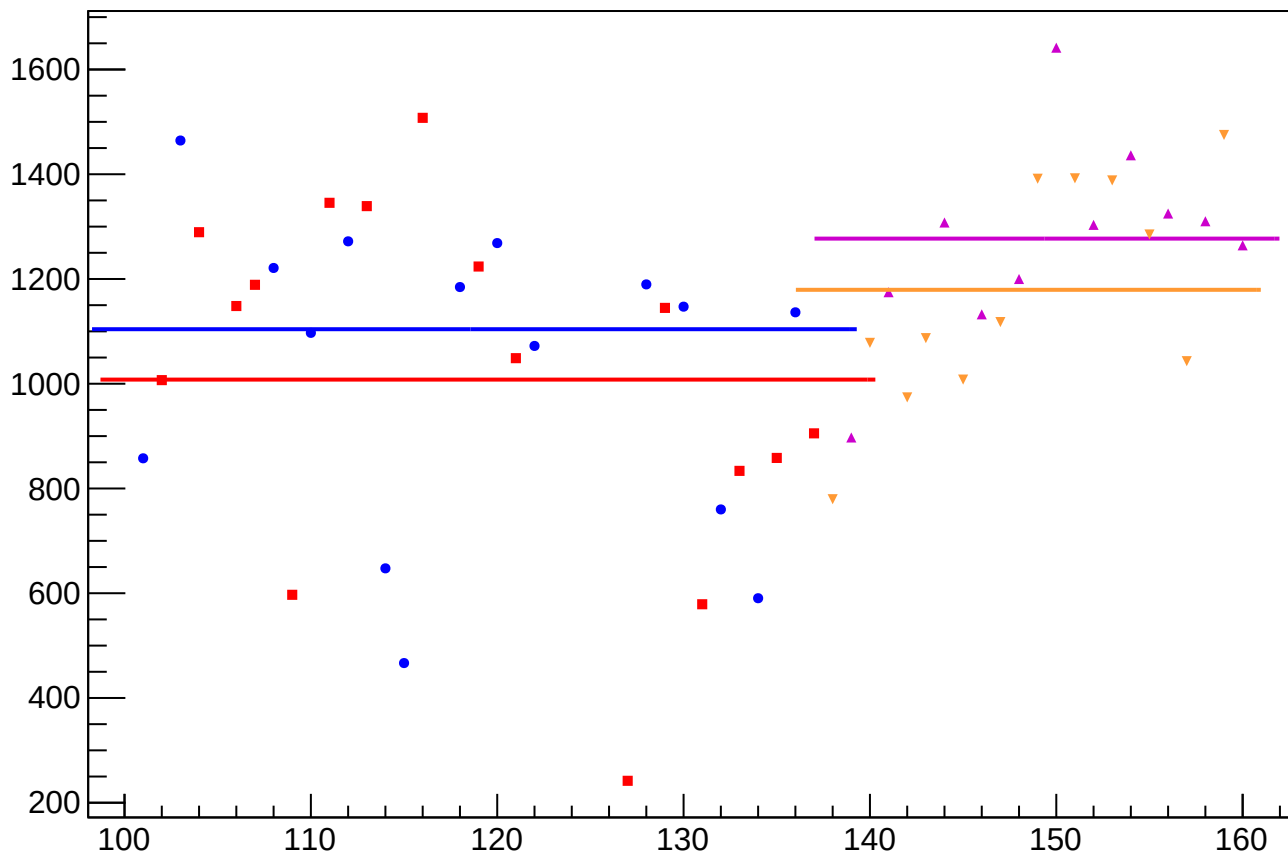
dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000	χ^2/NDF : 3205389242726129619796290810413056.0/14
Left Out: 2.830+/-0.000	χ^2/NDF : 492749026028838907947829621161984.0/11
Right Out: 3.783+/-0.000	χ^2/NDF : 2878586622192676654452338755371008.0/15
Left In: 2.757+/-0.000	χ^2/NDF : 191720746547732306226054042746880.0/10

+ sign 3.230+/-0.000 χ^2/NDF : 40499634986403731
 All: 3.208+/-0.000 χ^2/NDF : 75298705814008
 - sign 3.187+/-0.000 χ^2/NDF : 34784647083313673

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

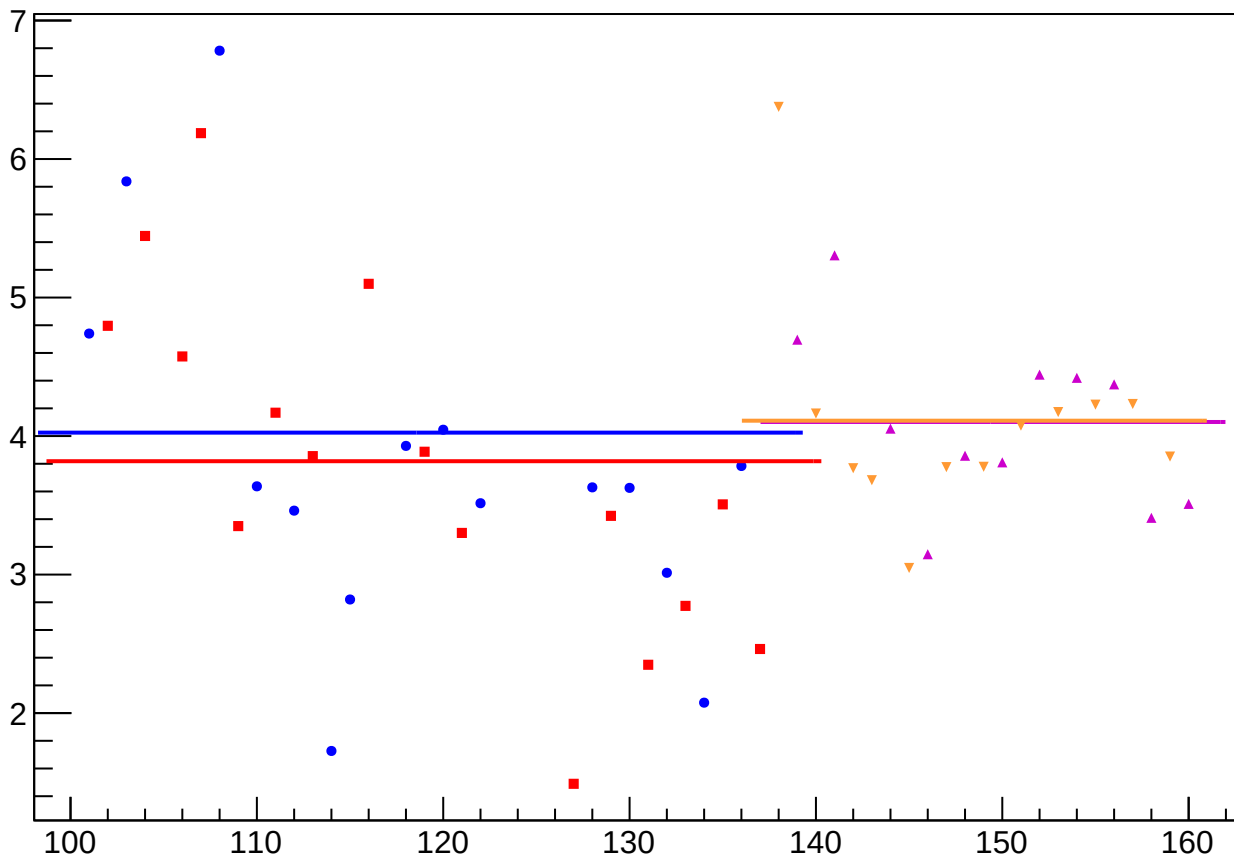
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.111+/-0.000 χ^2/NDF : 532620096510613693690902891986944.0/11

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

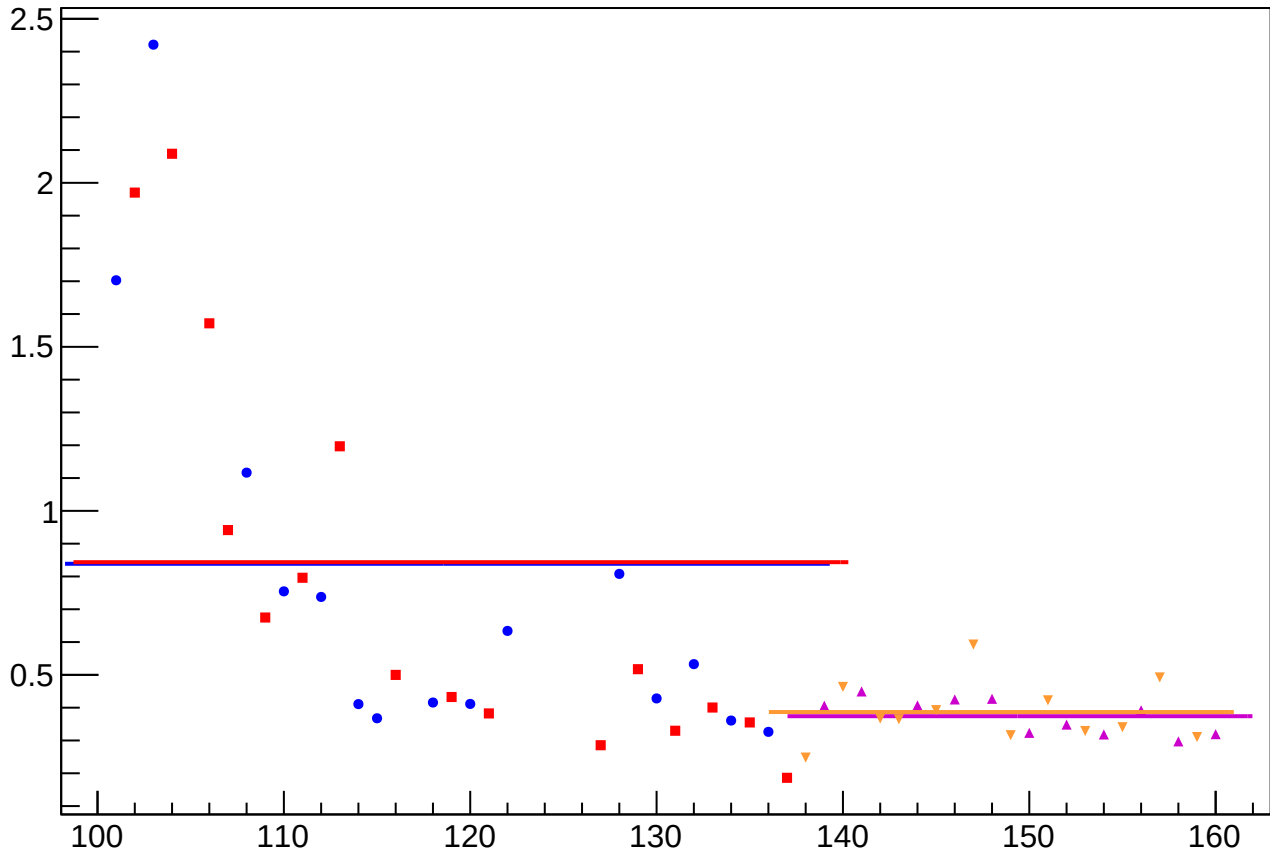
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ sign 4.075+/-0.000 χ^2/NDF : 13044380384615704

All: 4.029+/-0.000 χ^2/NDF : 2560414246886

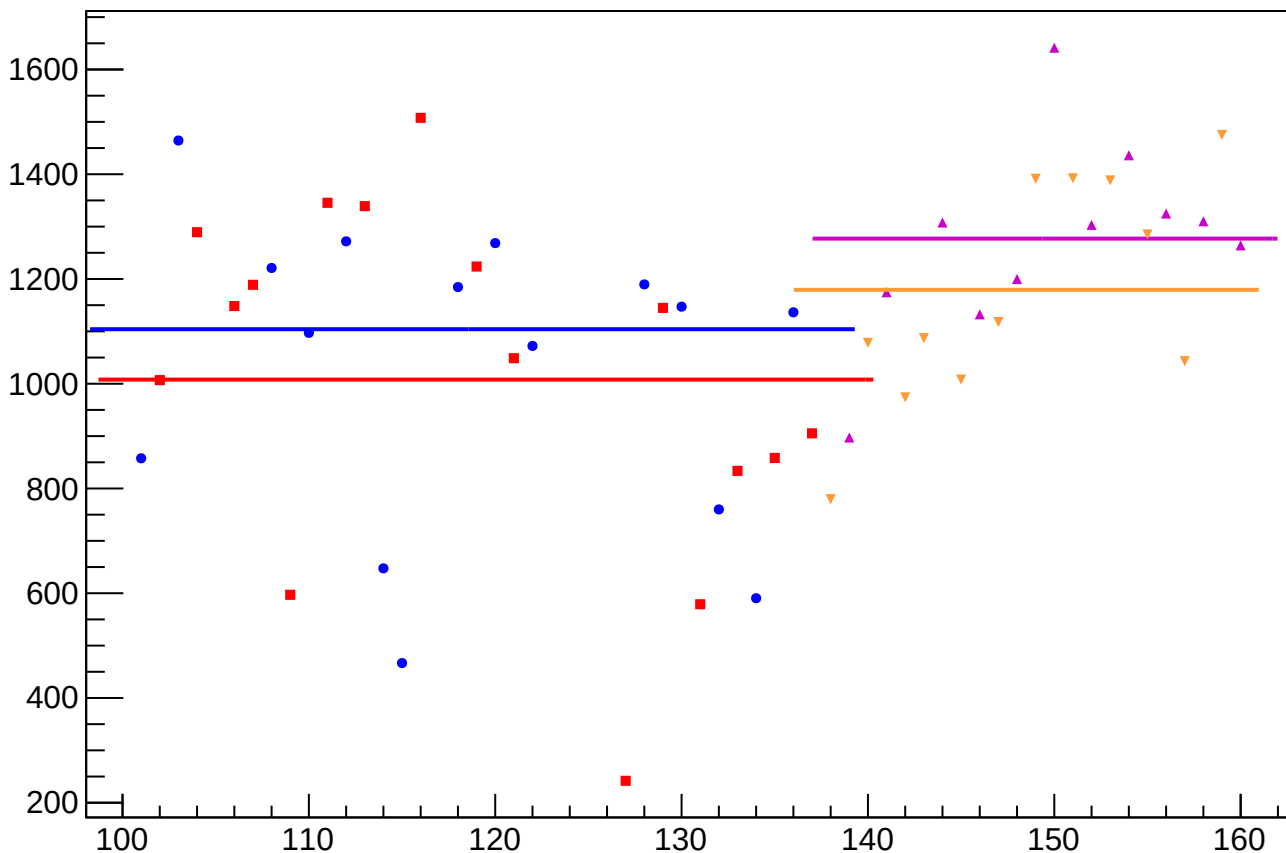
- sign 3.983+/-0.000 χ^2/NDF : 12492685976346881

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 $\pm$ 0.000	χ^2 /NDF: 258416025334615661521163083841536.0/14
Left Out: 0.387 $\pm$ 0.000	χ^2 /NDF: 7656532010606705303389852401664.0/11
Right Out: 0.844 $\pm$ 0.000	χ^2 /NDF: 252917509393432760240648918925312.0/15
Left In: 0.374 $\pm$ 0.000	χ^2 /NDF: 2408191855928929204652403064832.0/10
+ sign 0.574 $\pm$ 0.000 χ^2 /NDF: 34361299710521939	
All: 0.573 $\pm$ 0.000 χ^2 /NDF: 68434990603829	
- sign 0.571 $\pm$ 0.000 χ^2 /NDF: 34072705828258961	

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

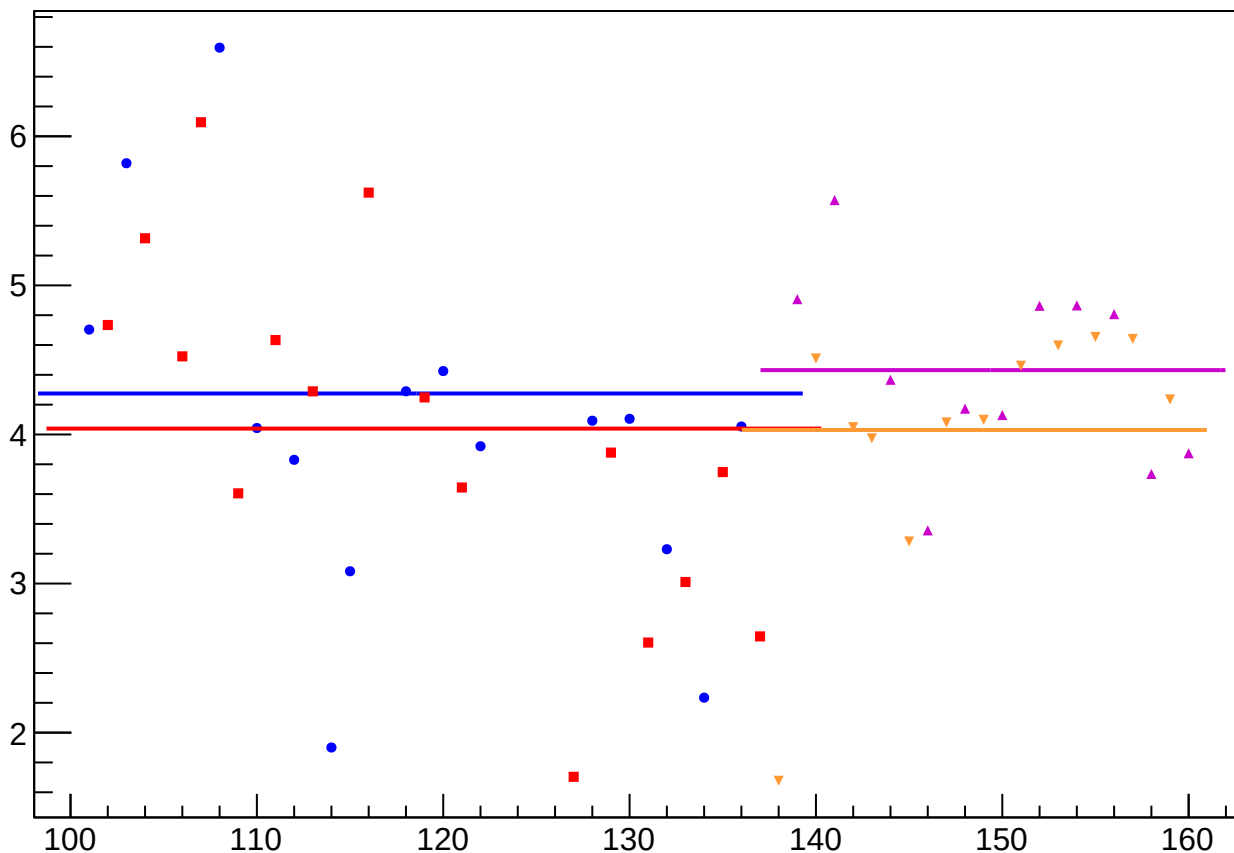
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 4.030+/-0.000 χ^2/NDF : 600797720921367466879695481470976.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

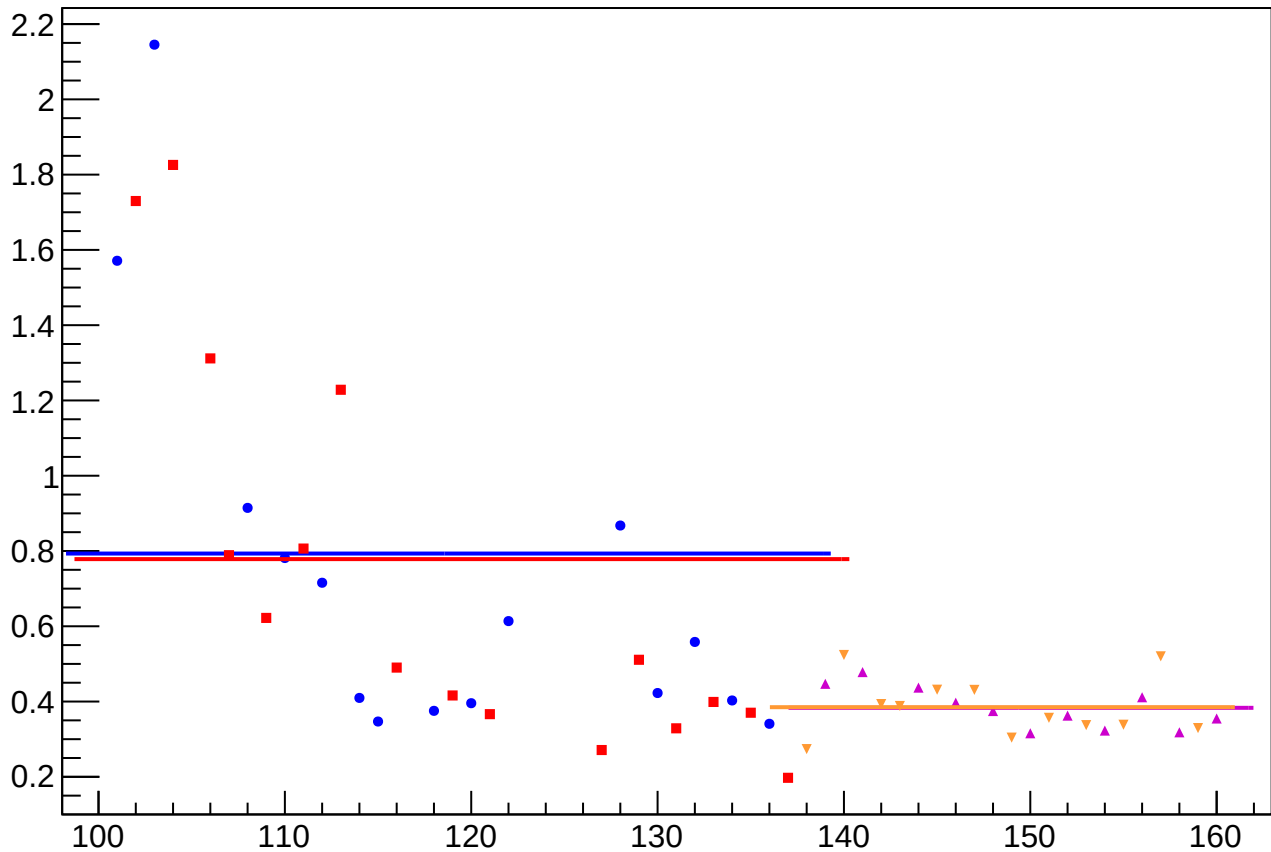
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

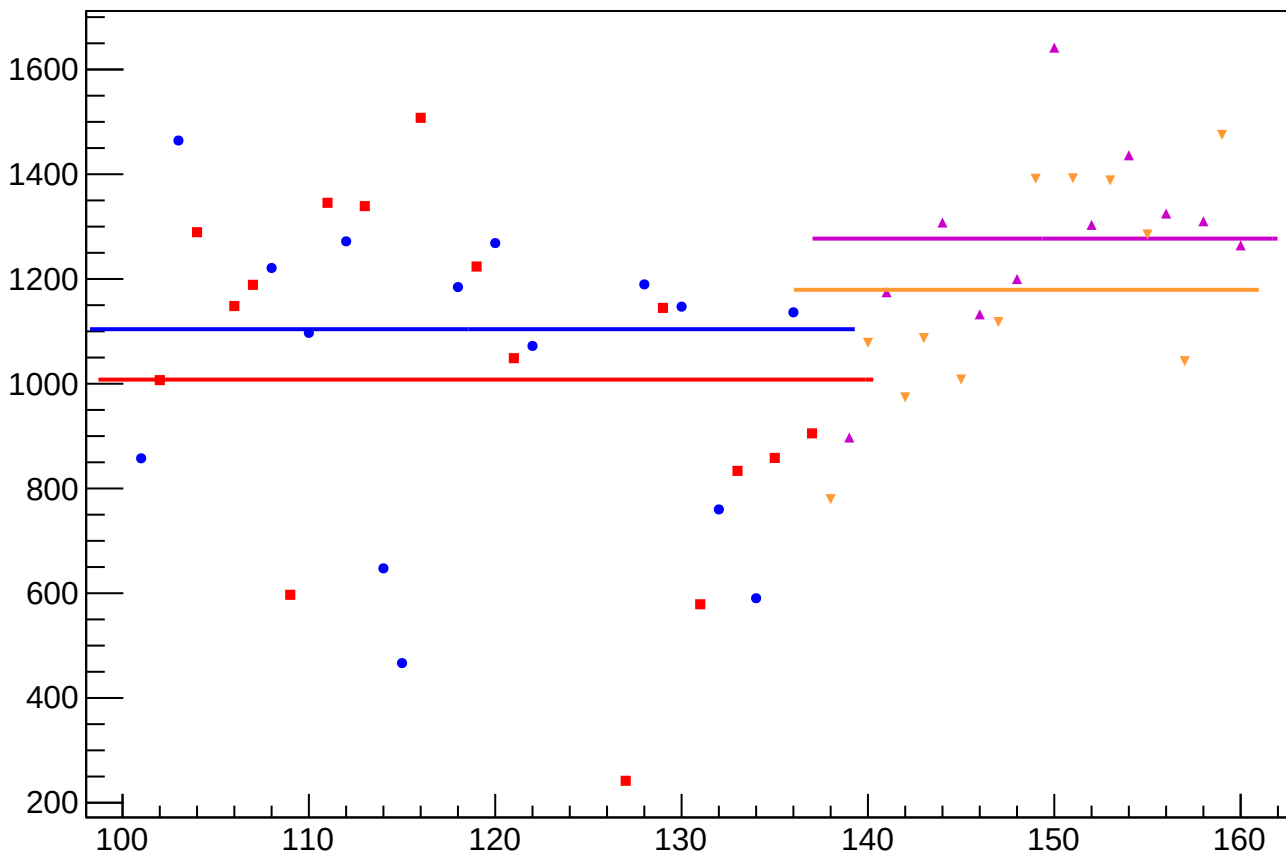
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.385+/-0.000 χ^2/NDF : 5547784180240414411423653822464.0/11
 Right Out: 0.778+/-0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: 0.383+/-0.000 χ^2/NDF : 2618375268437967875049691021312.0/10

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

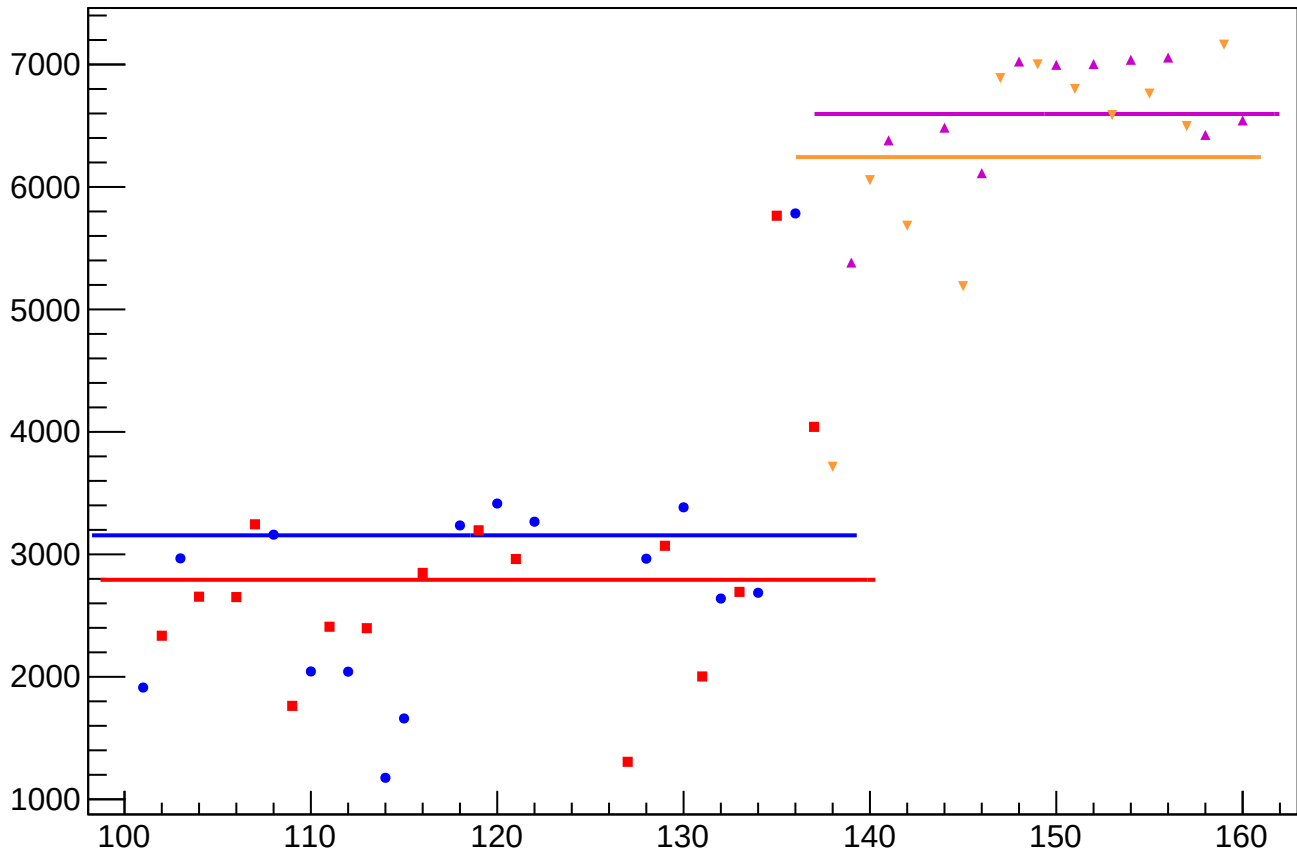
Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

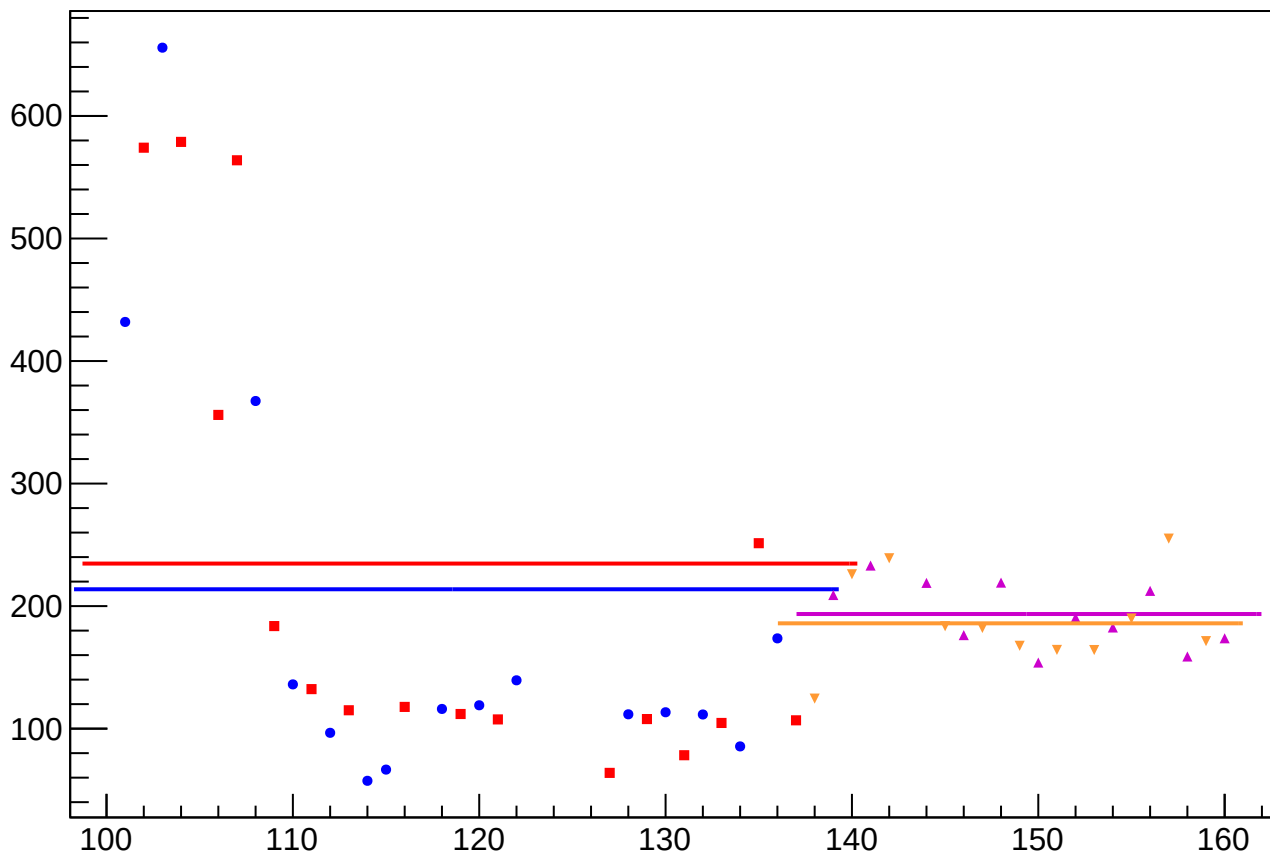
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6243.976+/-0.000 χ^2/NDF : 811230786168378302780139165688711348224.0/10
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6595.861+/-0.000 χ^2/NDF : 225164805715400368671043826745864093696.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

+ sign 198.004+/-0.000 χ^2/NDF : 210596499701990

Left Out: 185.948+/-0.000 χ^2/NDF : 1057706607595767583587974846640816128.0/10

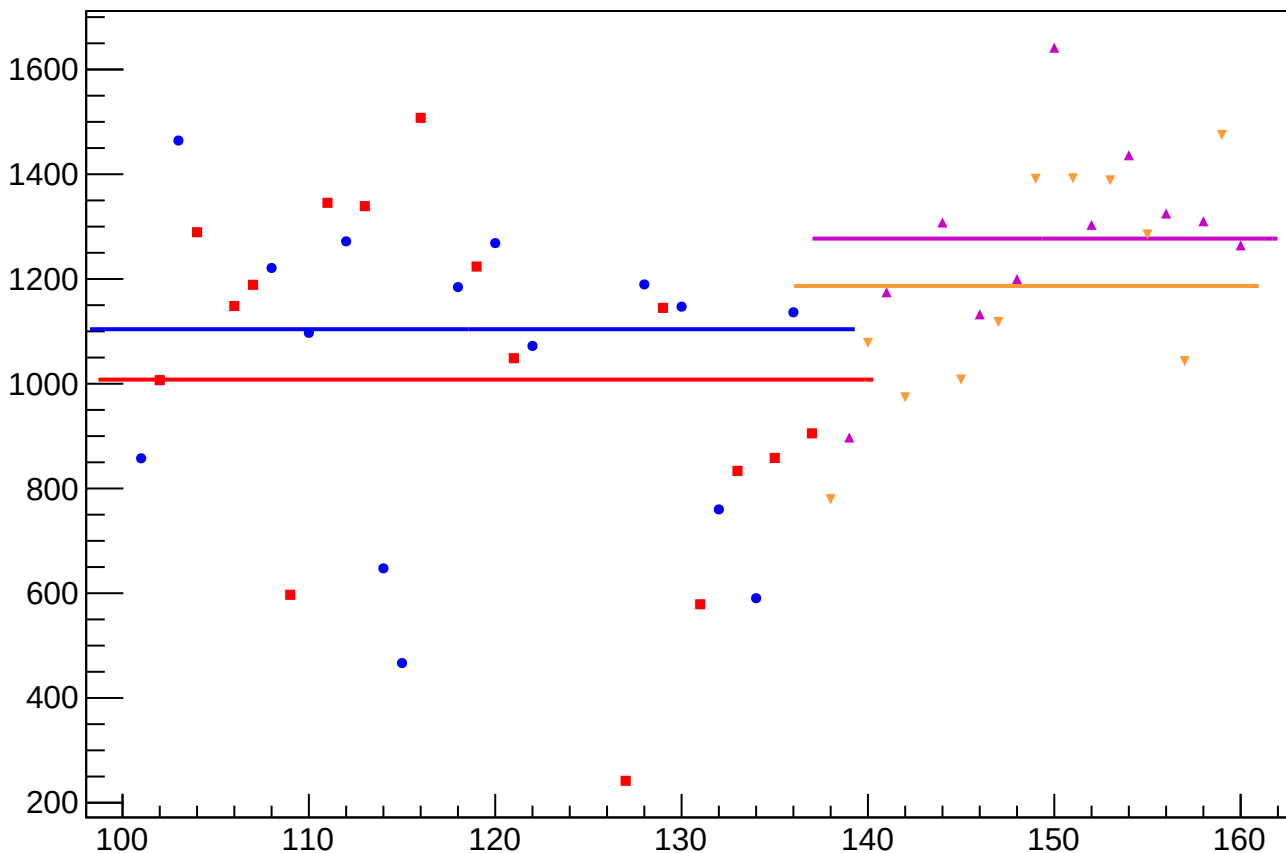
All: 204.600+/-0.000 χ^2/NDF : 464545737853

Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

- sign 210.803+/-0.000 χ^2/NDF : 252686308073901

Left In: 193.543+/-0.000 χ^2/NDF : 598931150644293332680217057881489408.0/10

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF : 38127290182419373090636614603236179968.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

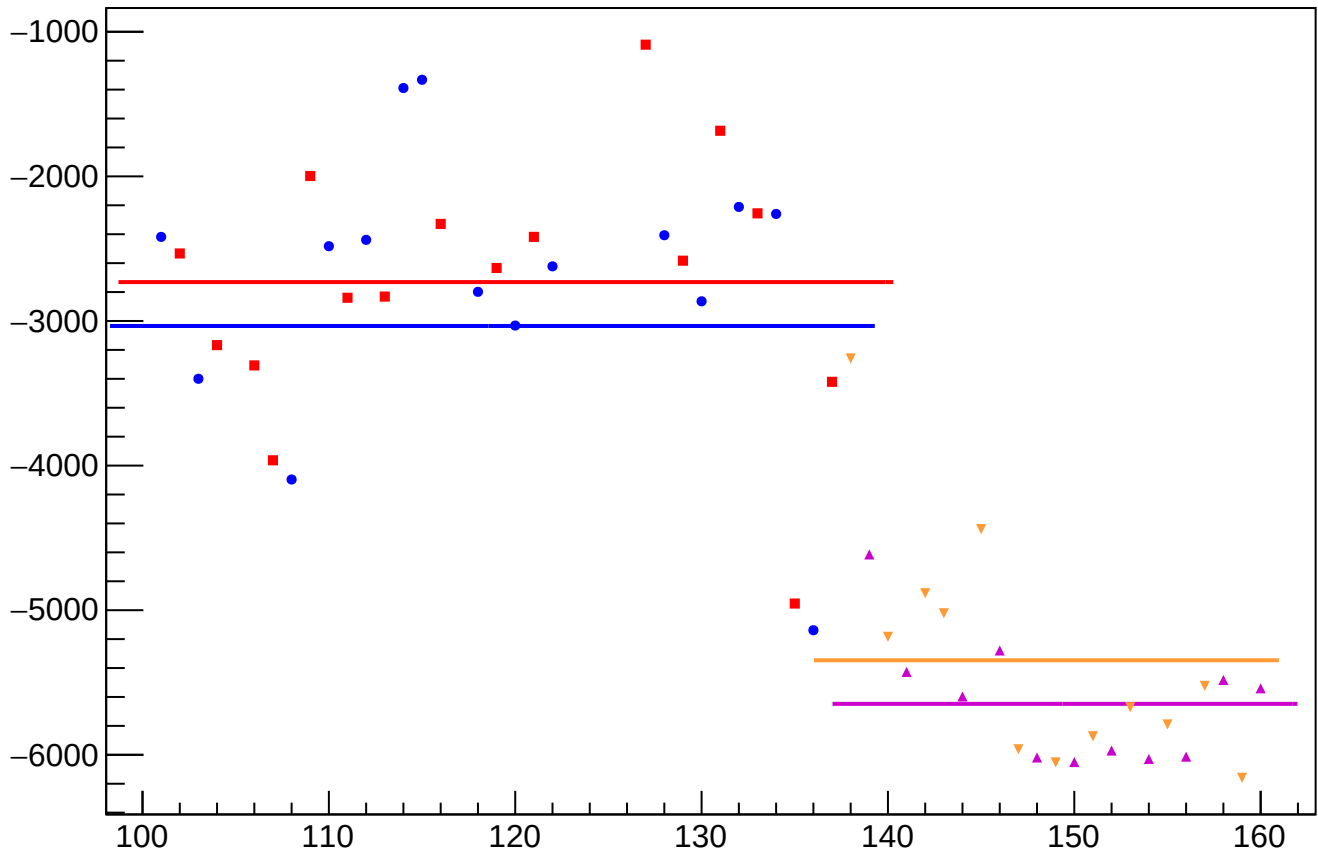
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833

All: 1157.745+/-0.000 χ^2/NDF : 20023337148

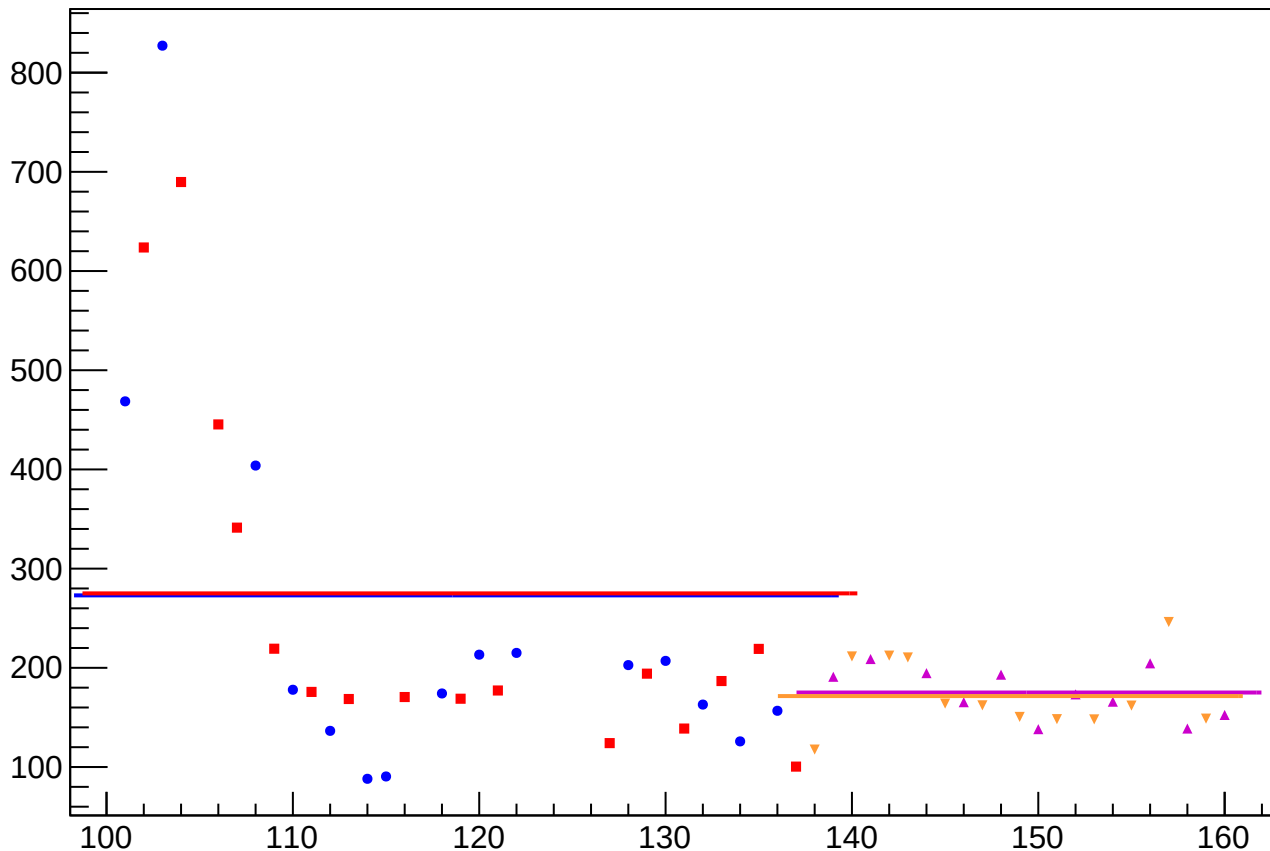
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



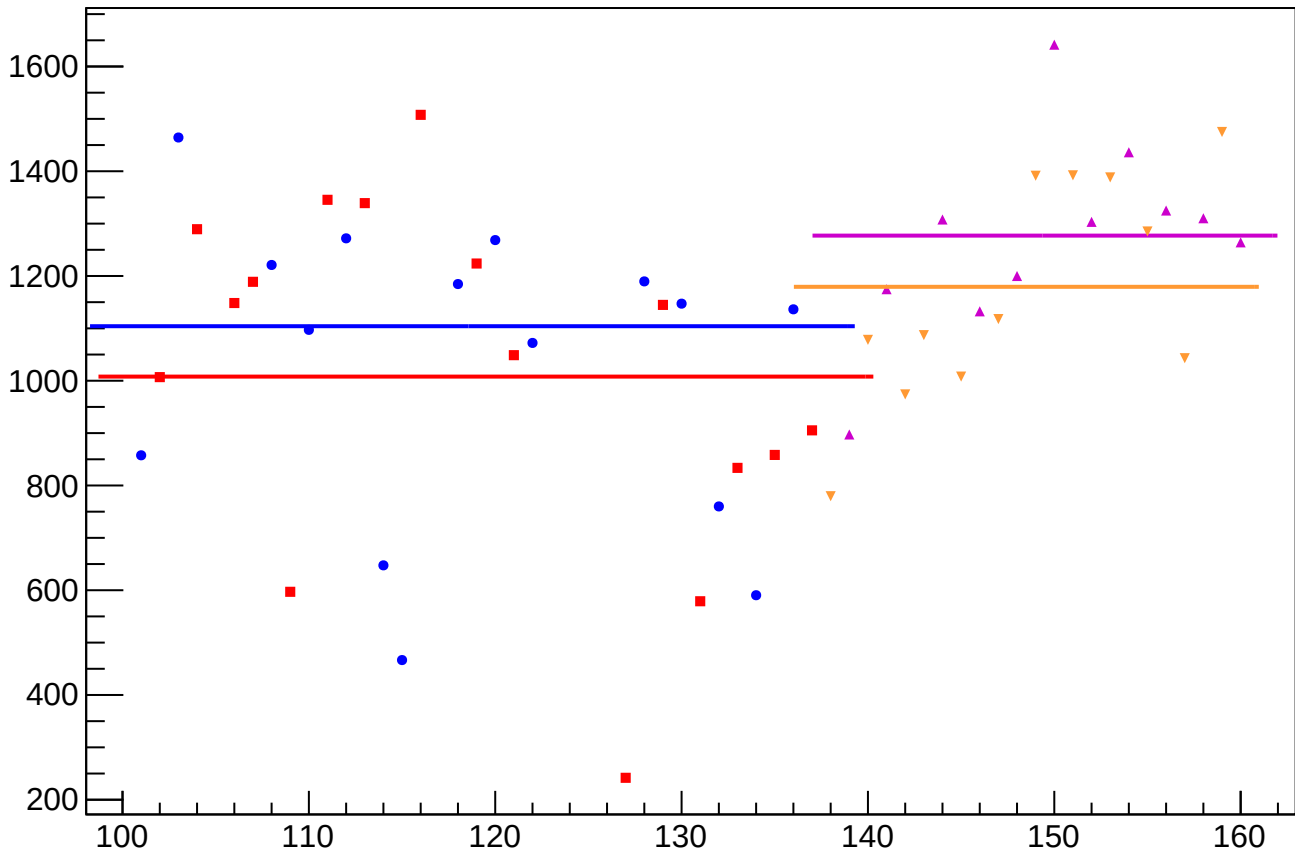
Right In: -3034.527 $\pm$ 0.000 χ^2 /NDF: 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287 $\pm$ 0.000 χ^2 /NDF: 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035 $\pm$ 0.000 χ^2 /NDF: 528290847703567991555694629239211950080.0/15
 Left In: -5647.632 $\pm$ 0.000 χ^2 /NDF: 164214312908035645215126356935491715072.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 171.517+/-0.000 χ^2/NDF : 1162204446124418452265763444206075904.0/11
 Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

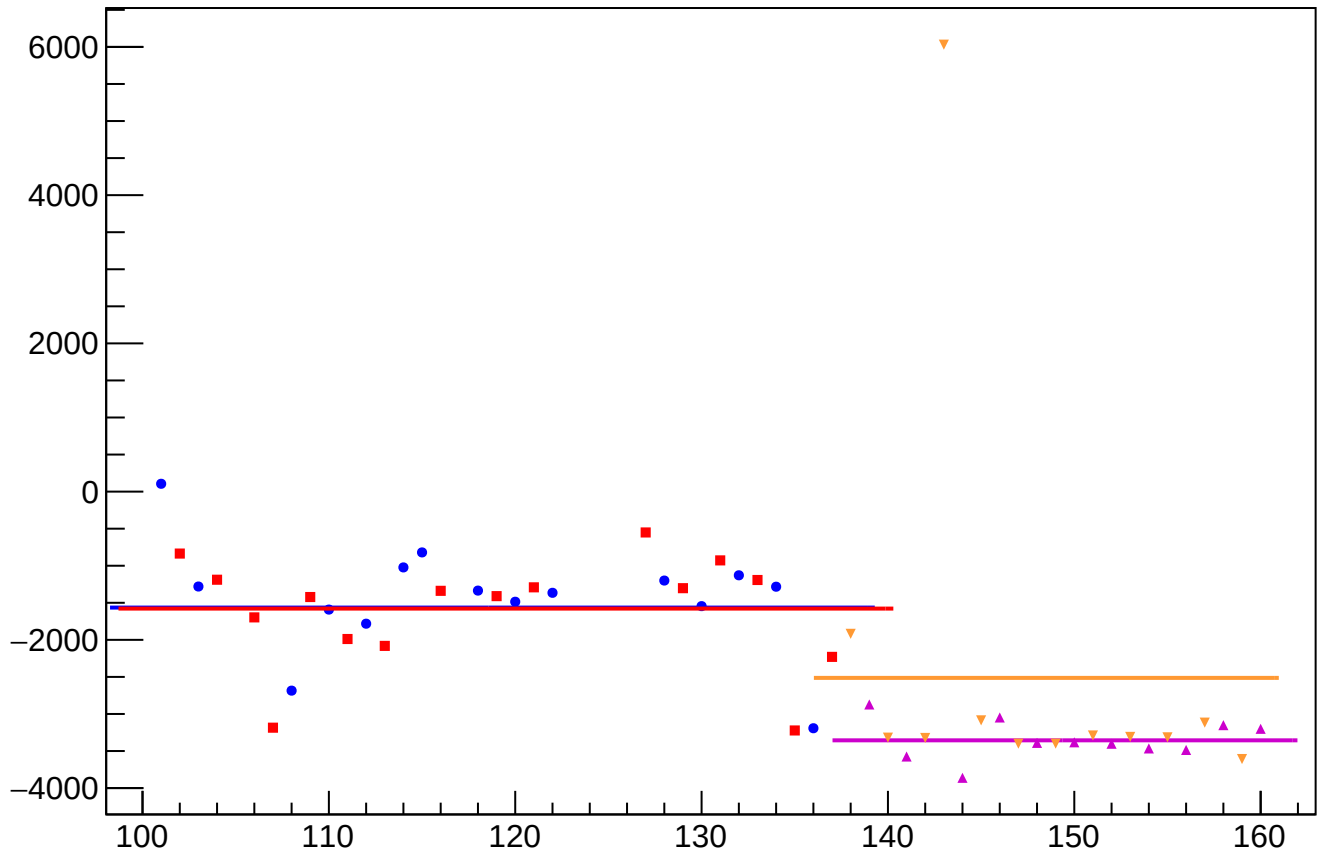
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

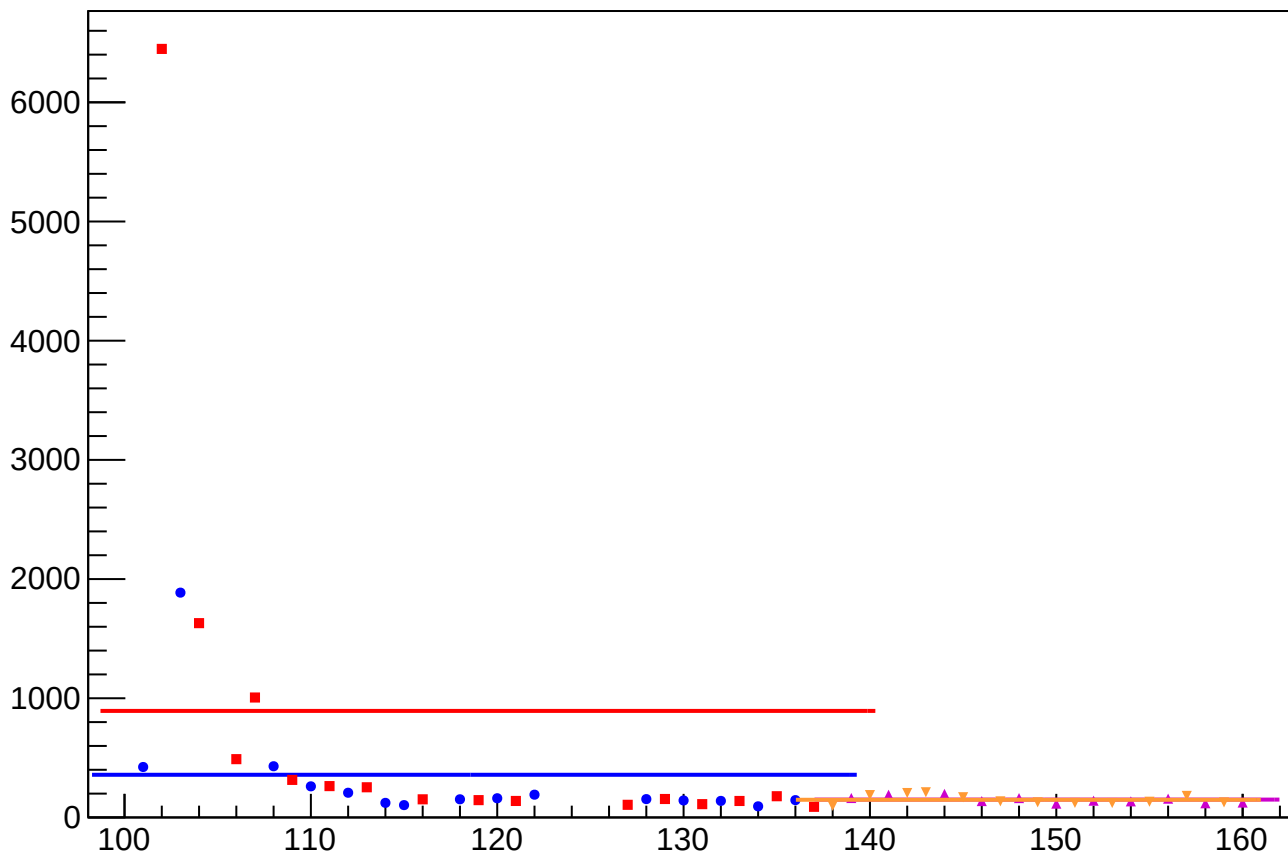
dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -2513.182+/-0.000	χ^2/NDF : 5431127813565364988673729418683400323072.0/11
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3355.712+/-0.000	χ^2/NDF : 61603128430044333980990125877093203968.0/10

+ sign -2119.303+/-0.000 χ^2/NDF : 6256498974115
 All: -2367.087+/-0.000 χ^2/NDF : 8100740550
 - sign -2610.511+/-0.000 χ^2/NDF : 1654003244515

dit_atl1_coil3_err_mean vs Slug



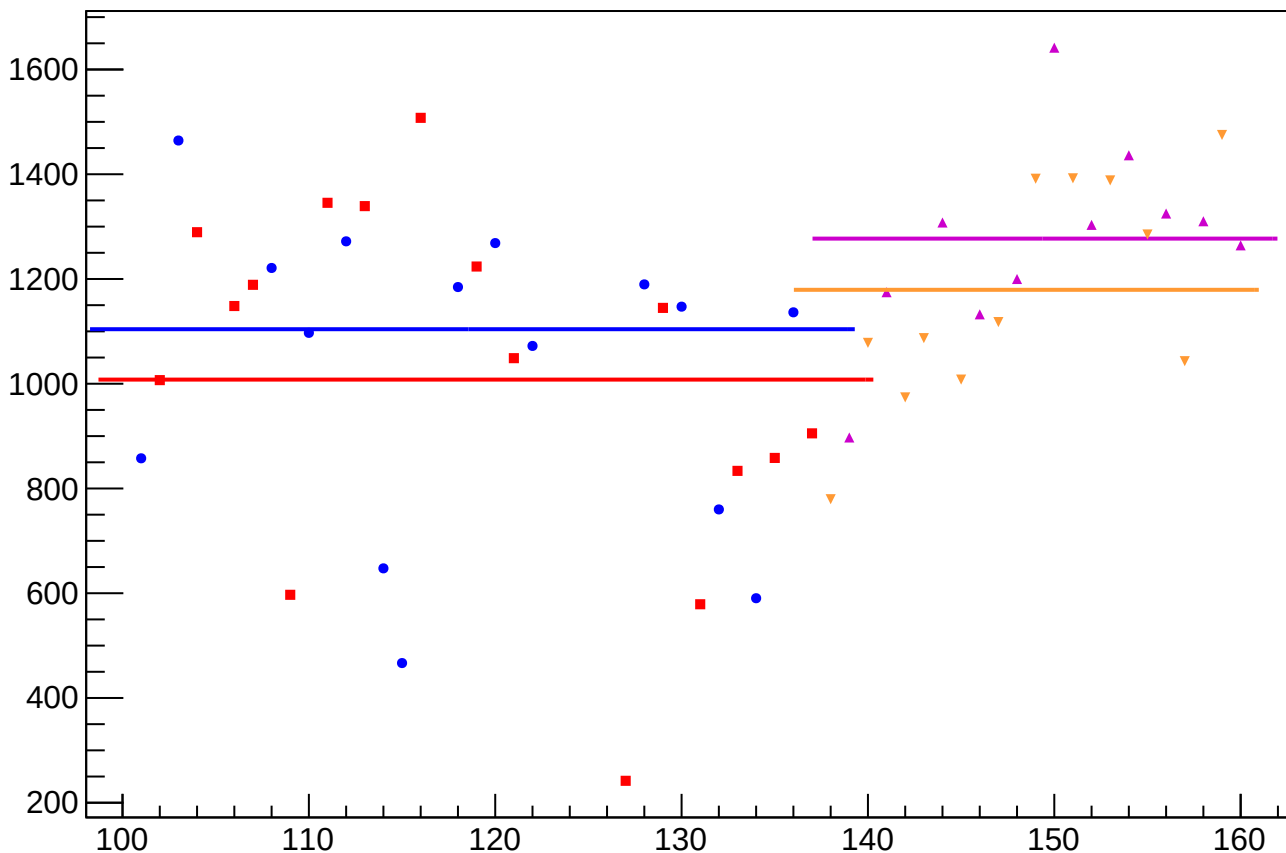
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 148.359+/-0.000 χ^2/NDF : 1090286331733366082581256970807803904.0/11

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

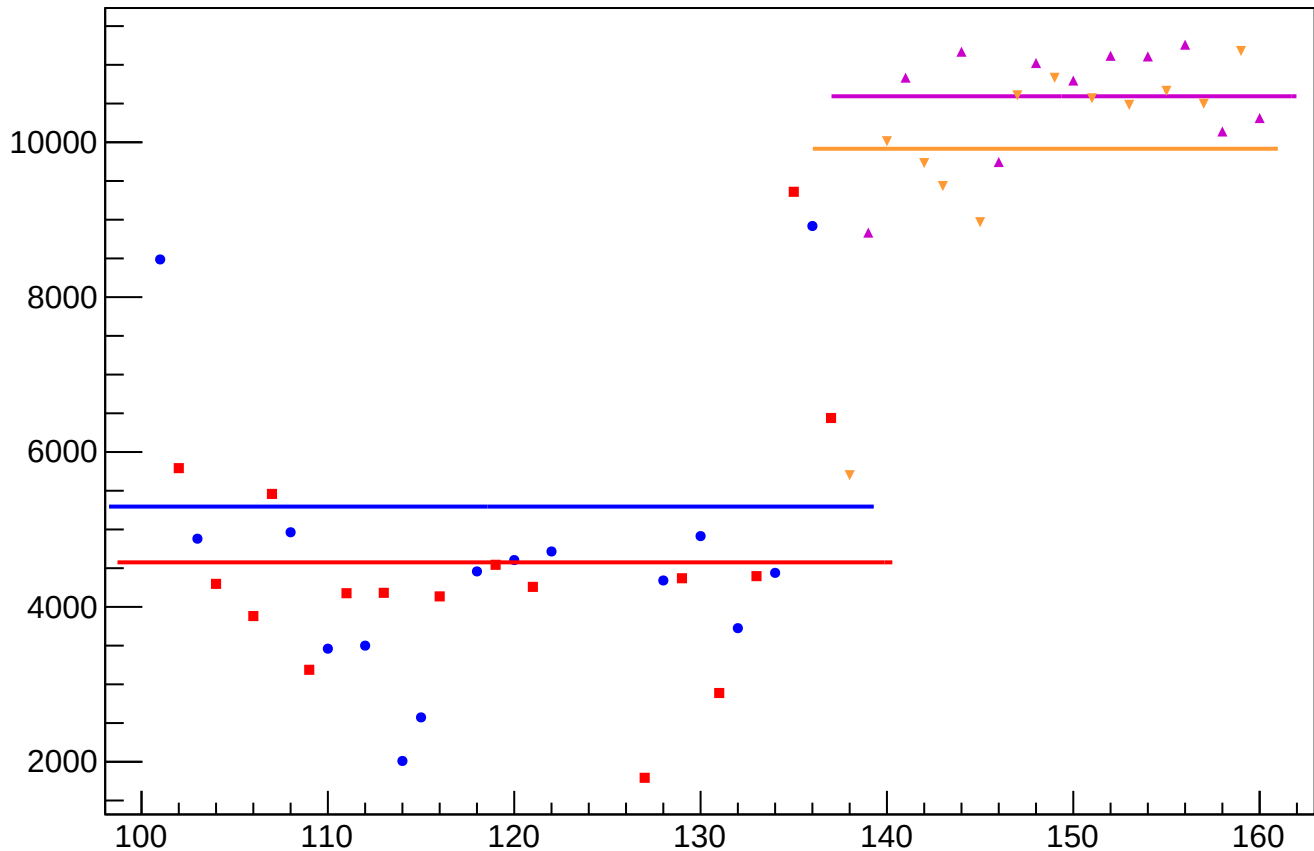
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

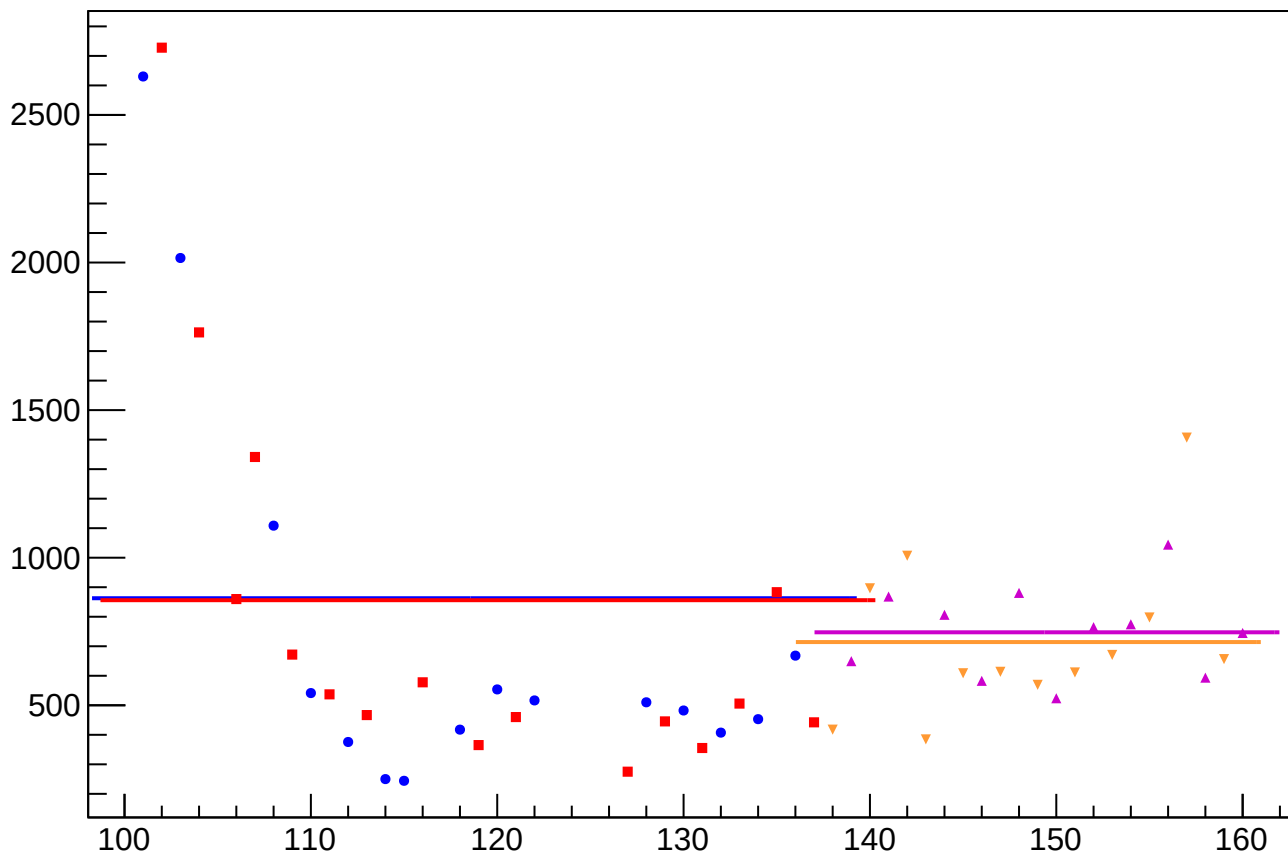
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9916.420+/-0.000 χ^2/NDF : 1840714392757174837254481771479116546048.0/11
 Right Out: 4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095+/-0.000 χ^2/NDF : 469955671378487676963254464485150162944.0/10

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 714.221+/-0.000 χ^2/NDF : 63936823657083124140922251637065515008.0/11

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

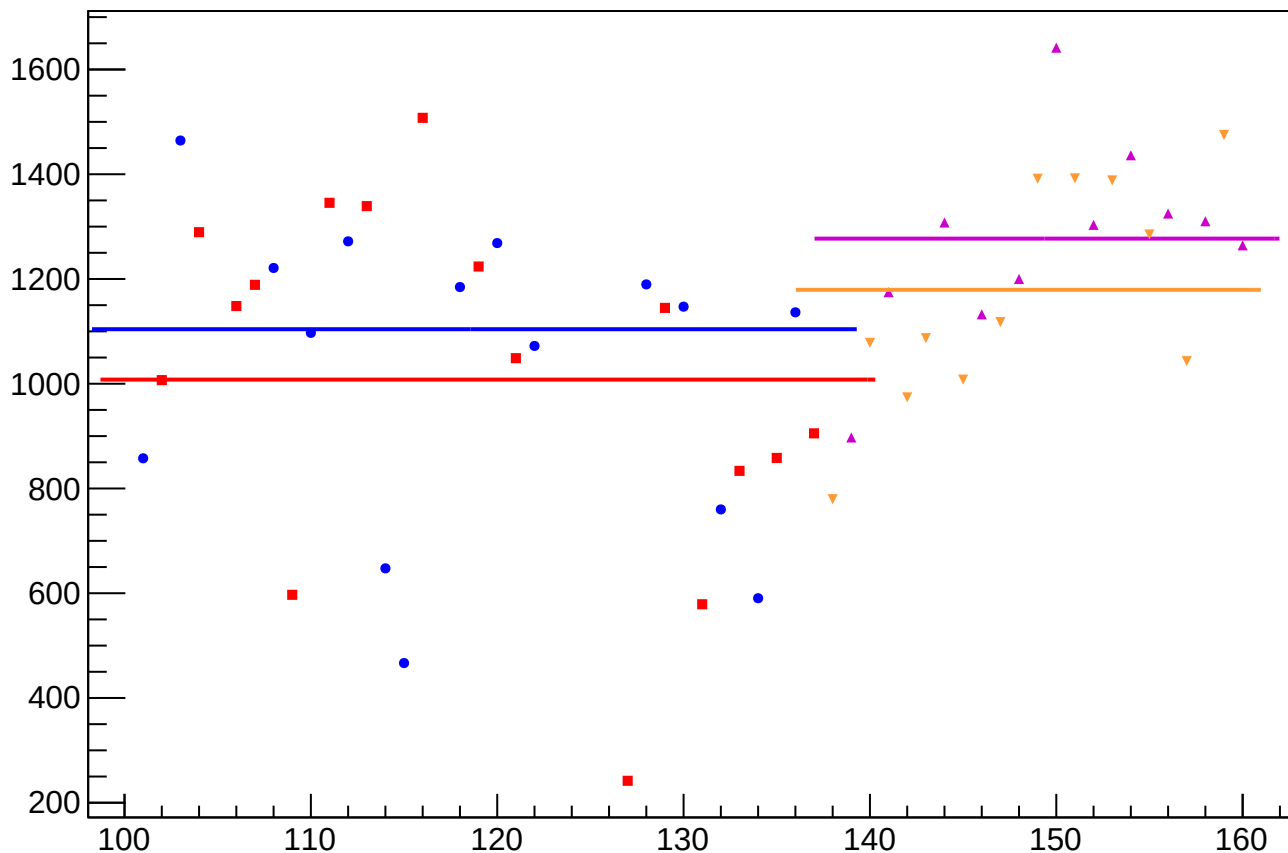
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ sign 775.866+/-0.000 χ^2/NDF : 409985766107580

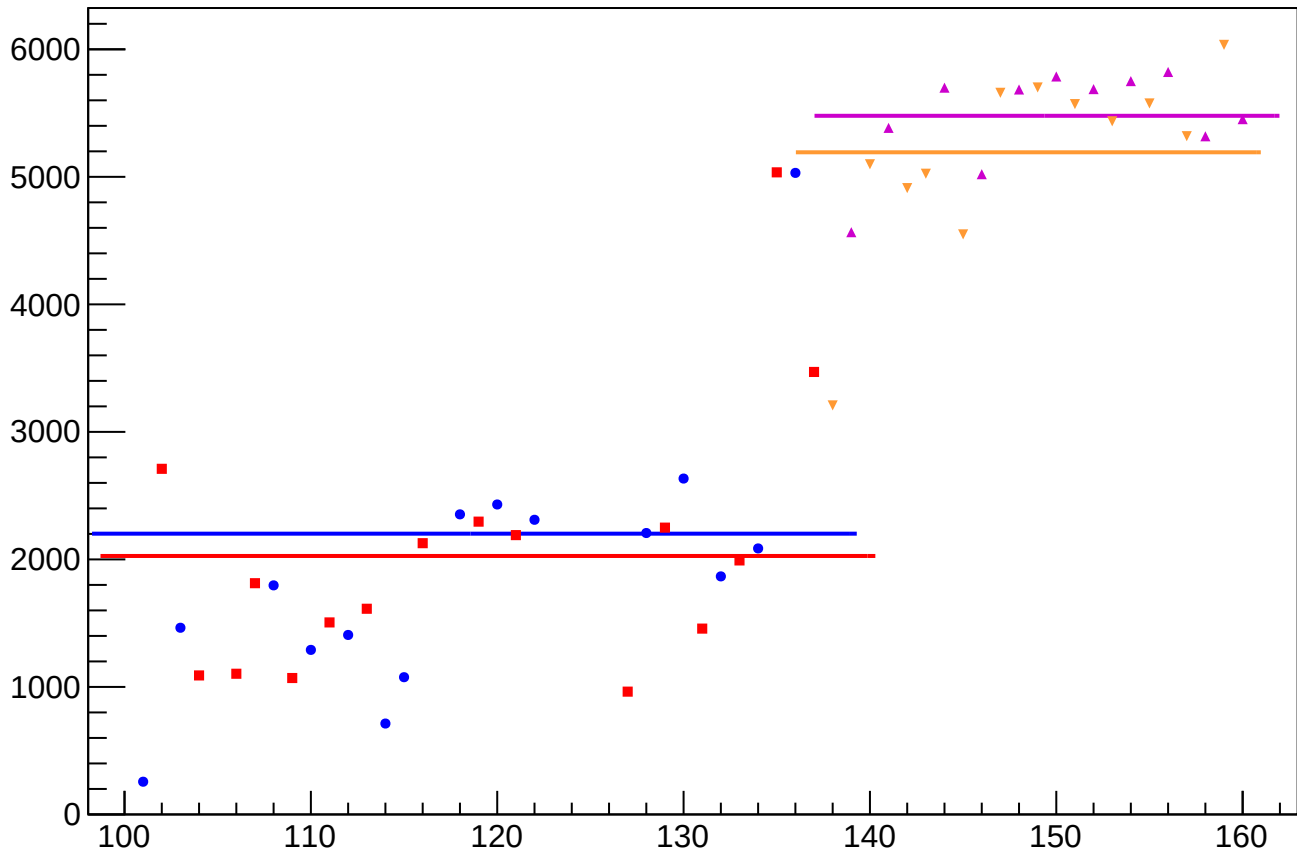
All: 784.449+/-0.000 χ^2/NDF : 76167219523

- sign 792.881+/-0.000 χ^2/NDF : 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug

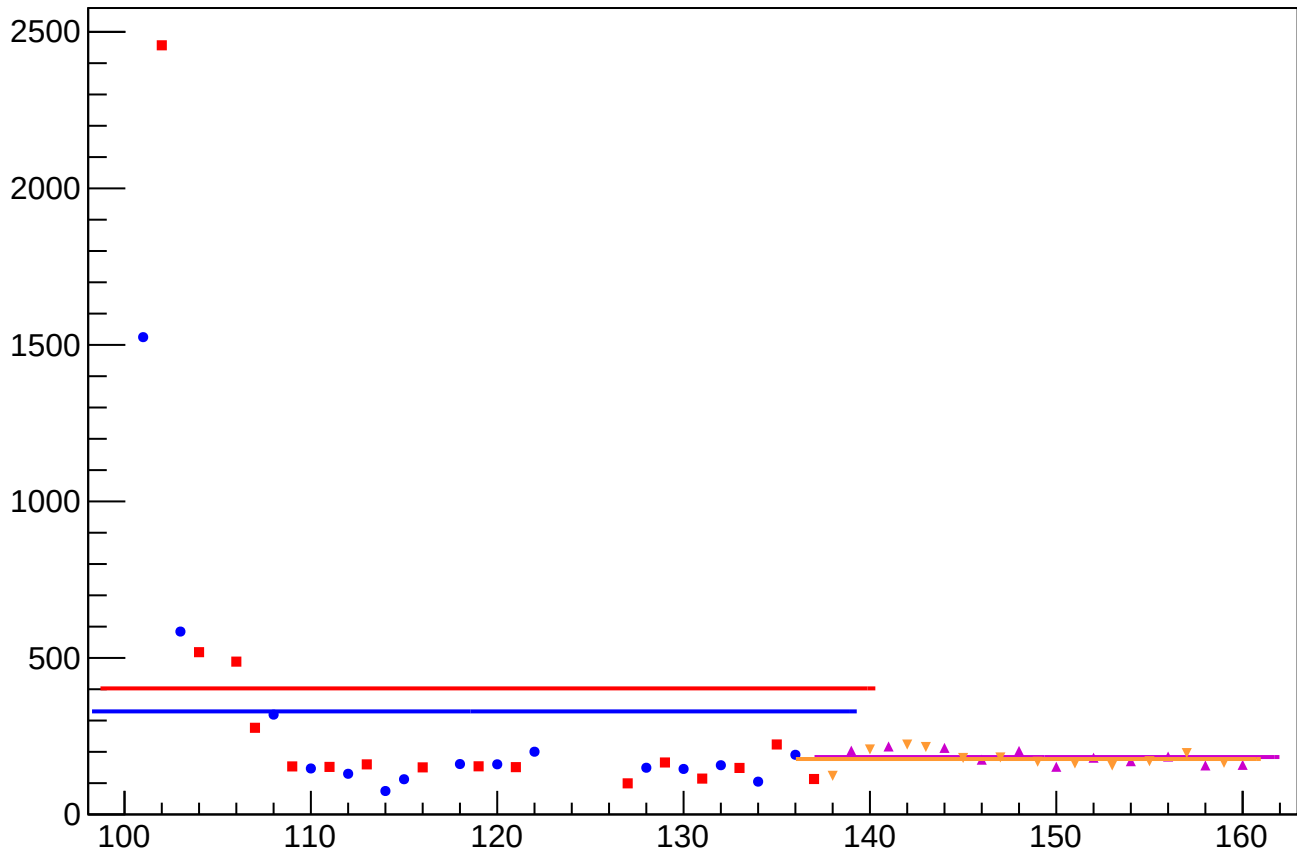


dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5192.476+/-0.000 χ^2/NDF : 470317118435532937200148346508624789504.0/11
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5478.713+/-0.000 χ^2/NDF : 124186054771424011873849346802583601152.0/10

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 177.101+/-0.000 χ^2/NDF : 604256347376555065664943941601984512.0/11

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

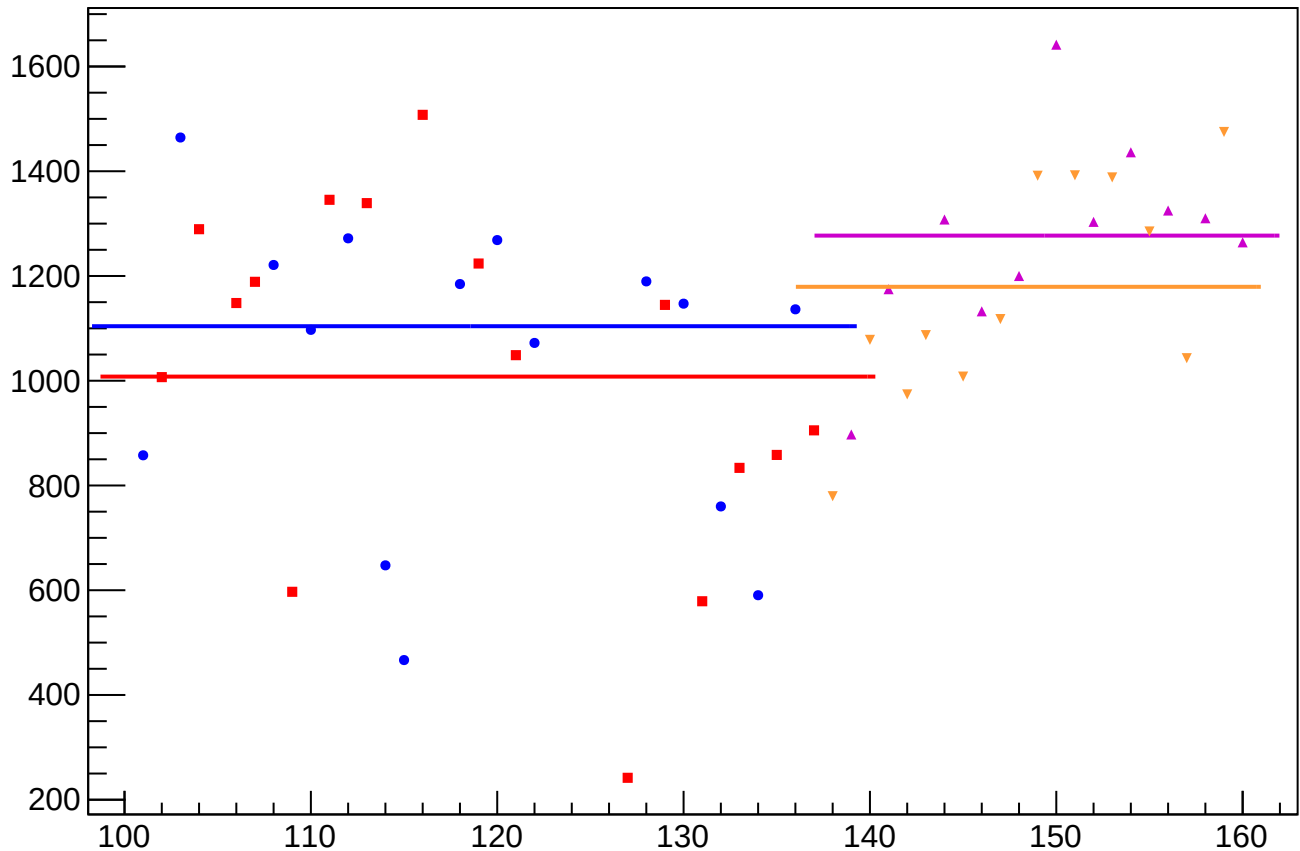
Left In: 183.411+/-0.000 χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF : 112672514913123

All: 257.960+/-0.000 χ^2/NDF : 41035727361

- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

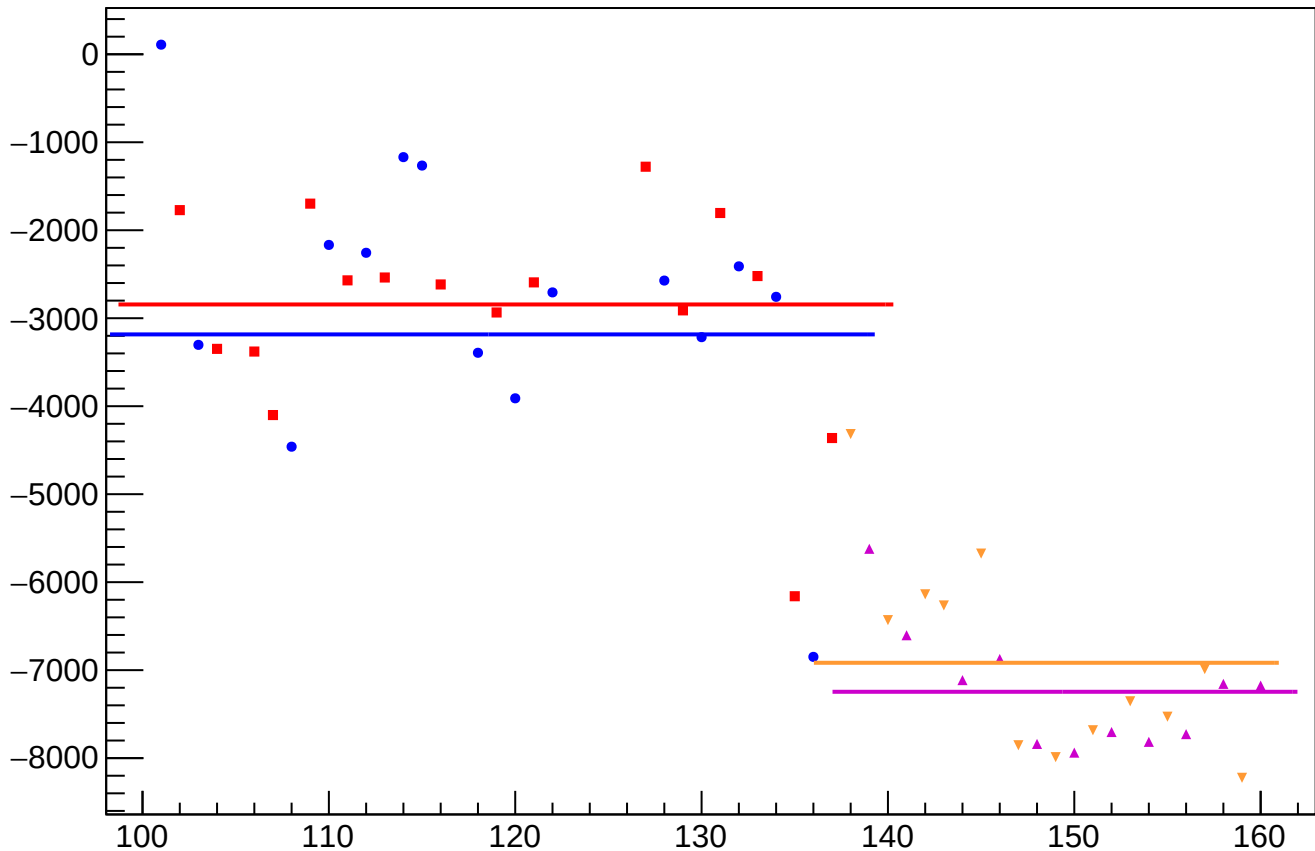
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

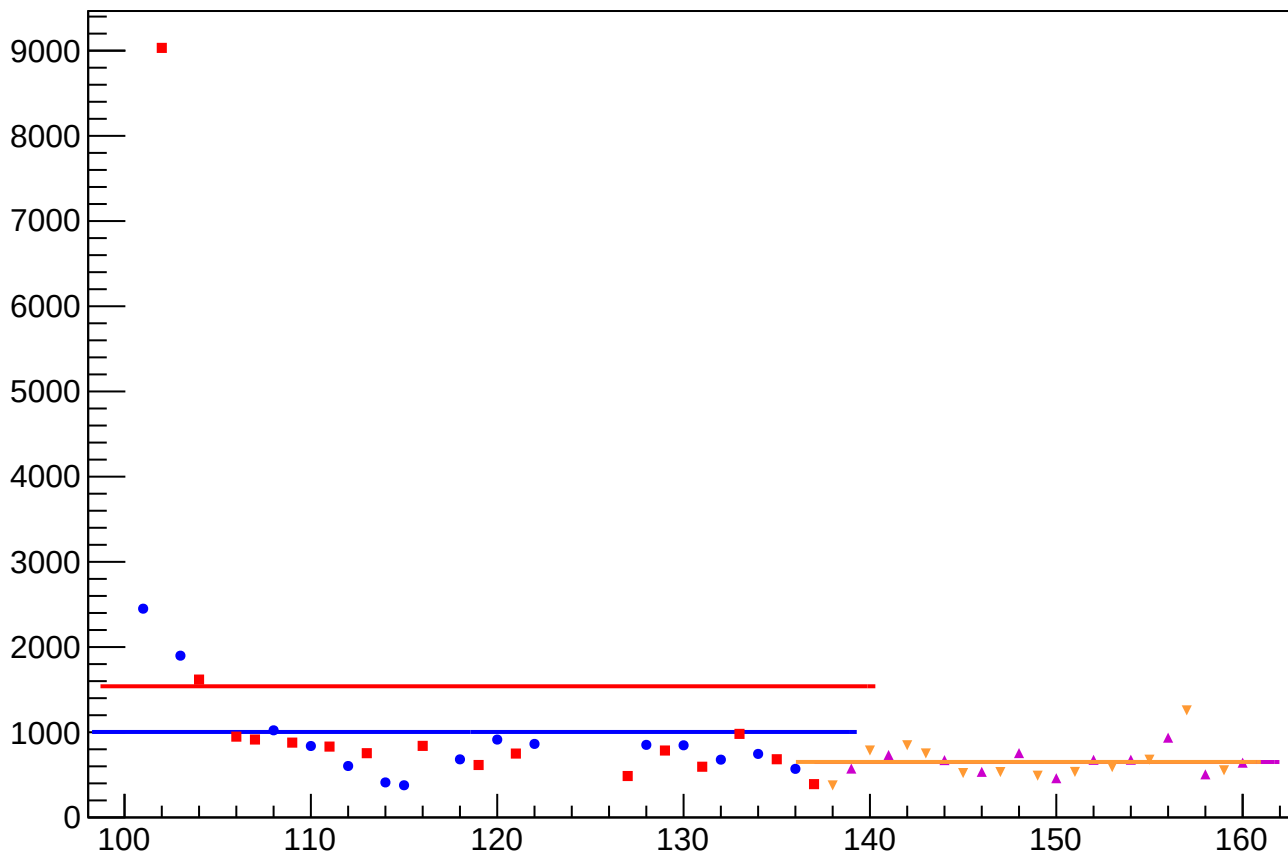
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -6916.269+/-0.000 χ^2/NDF : 1116807093678978049721043579861444067328.0/11
 Right Out: -2843.597+/-0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: -7245.920+/-0.000 χ^2/NDF : 401760462783969098772010925007315140608.0/10

dit_atr2_coil3_err_mean vs Slug



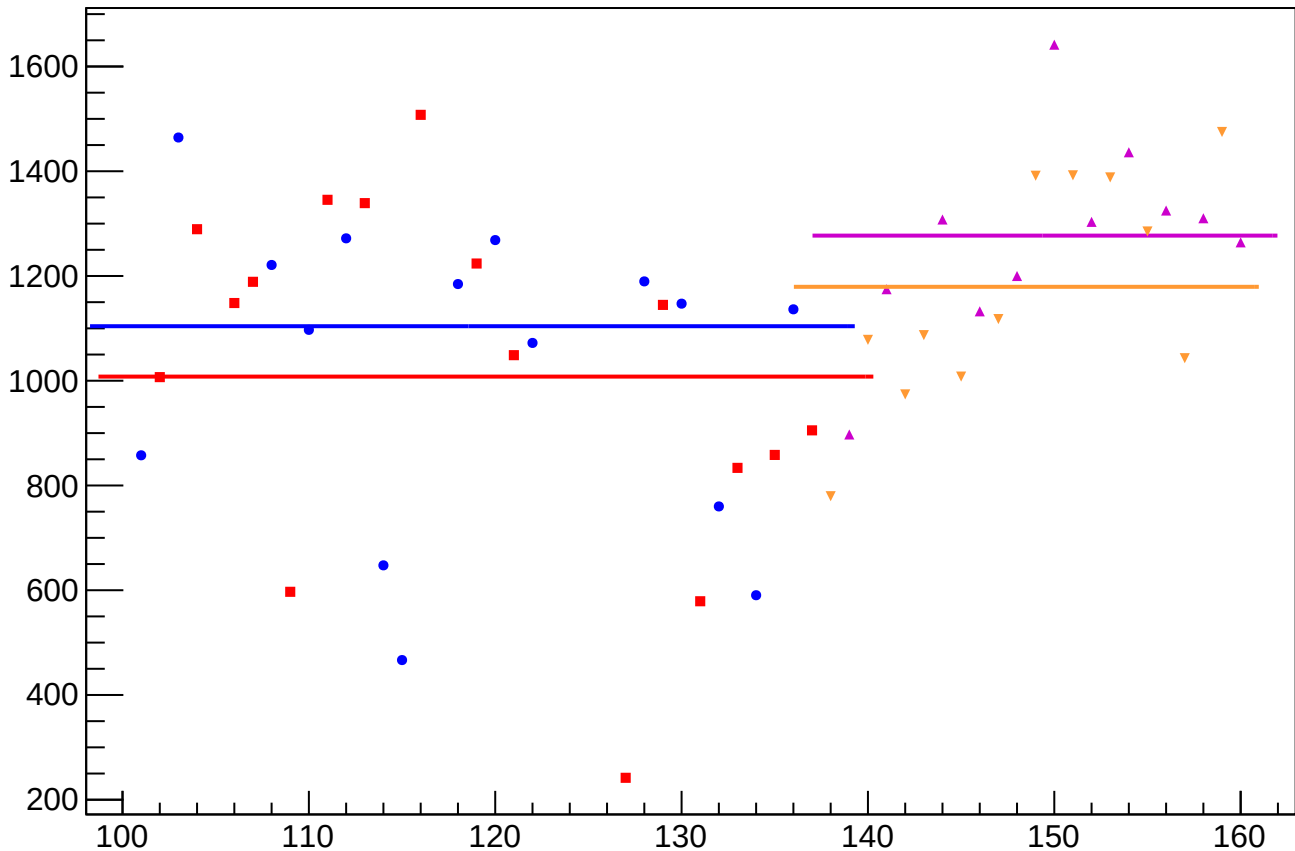
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

Left Out: 651.582+/-0.000 χ^2/NDF : 45579416700188389340899783793497341952.0/11

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

Left In: 650.769+/-0.000 χ^2/NDF : 14776465774858799846922535858394365952.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

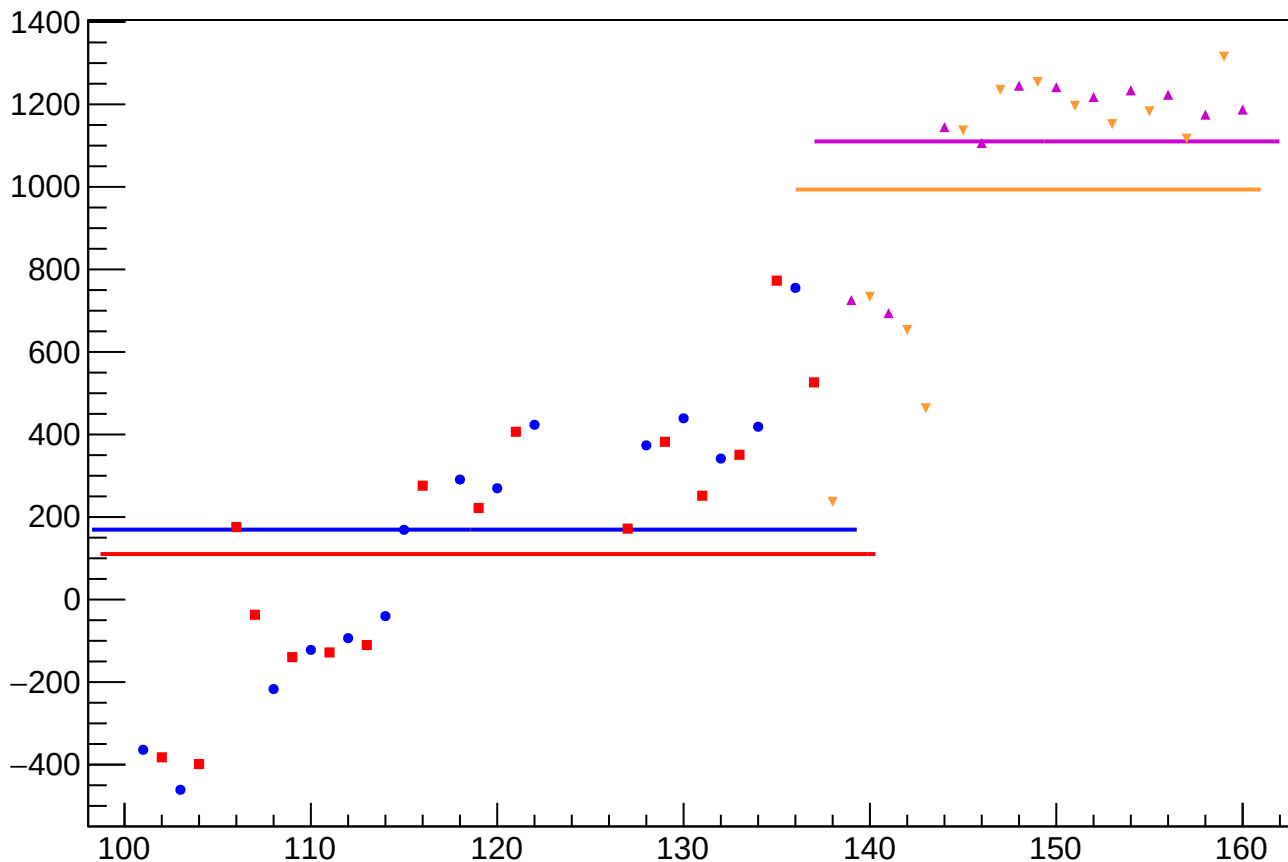
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

+ sign 651.454+/-0.000 χ^2/NDF : 457110601754155

Left Out: 993.680+/-0.000 χ^2/NDF : 103871744093271862136270527542037839872.0/11

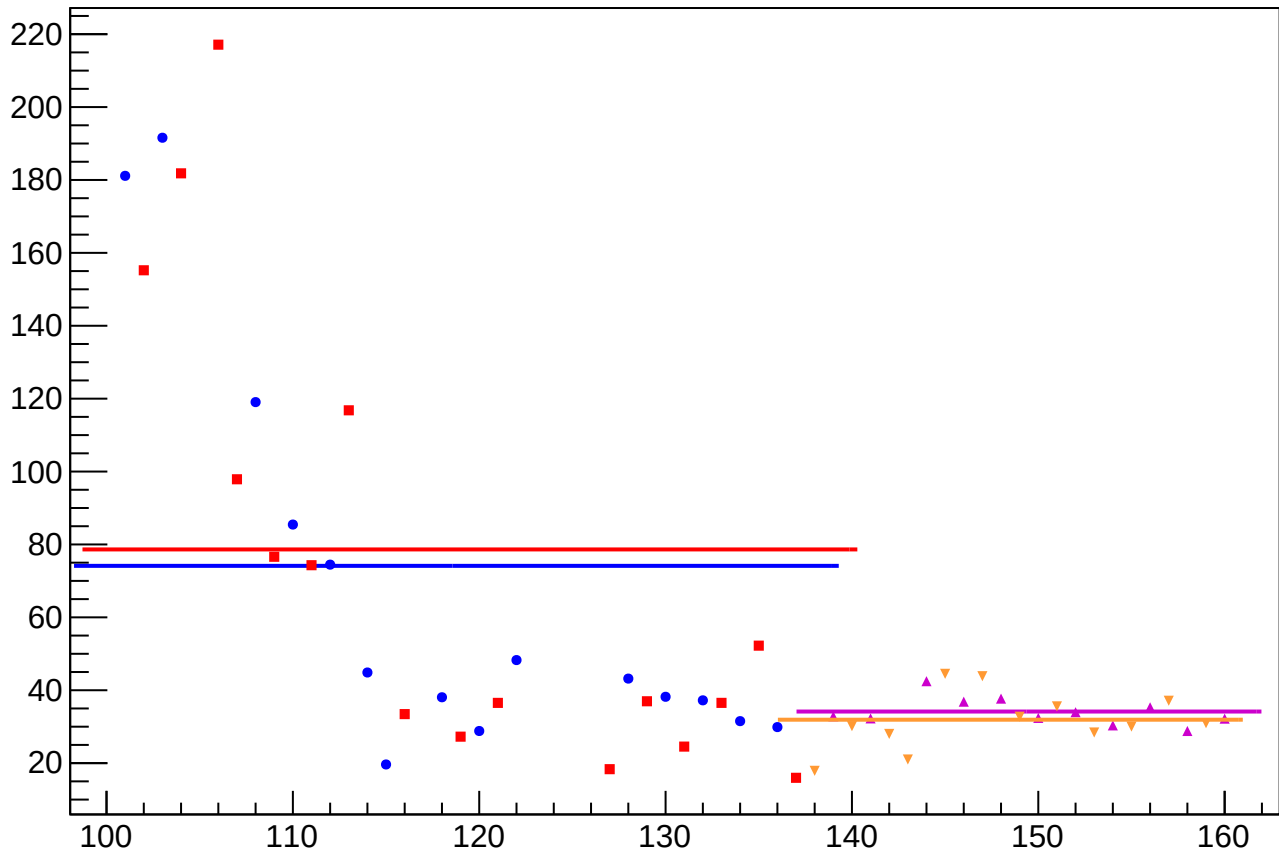
All: 671.406+/-0.000 χ^2/NDF : 951499306925

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF : 52391134971476446801164737802403840.0/11

Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

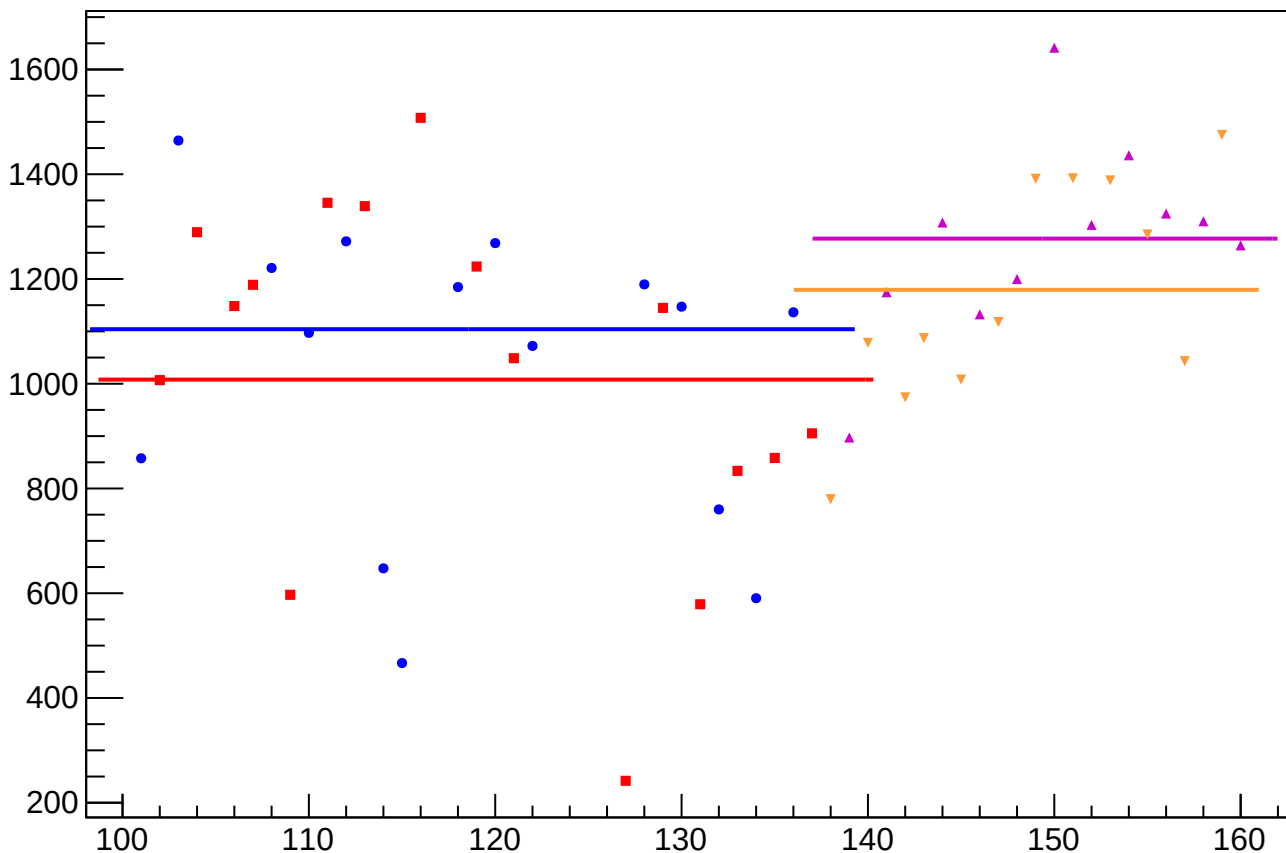
Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.444+/-0.000 χ^2/NDF : 2897043511629601

All: 51.139+/-0.000 χ^2/NDF : 6027926549606

- sign 52.804+/-0.000 χ^2/NDF : 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

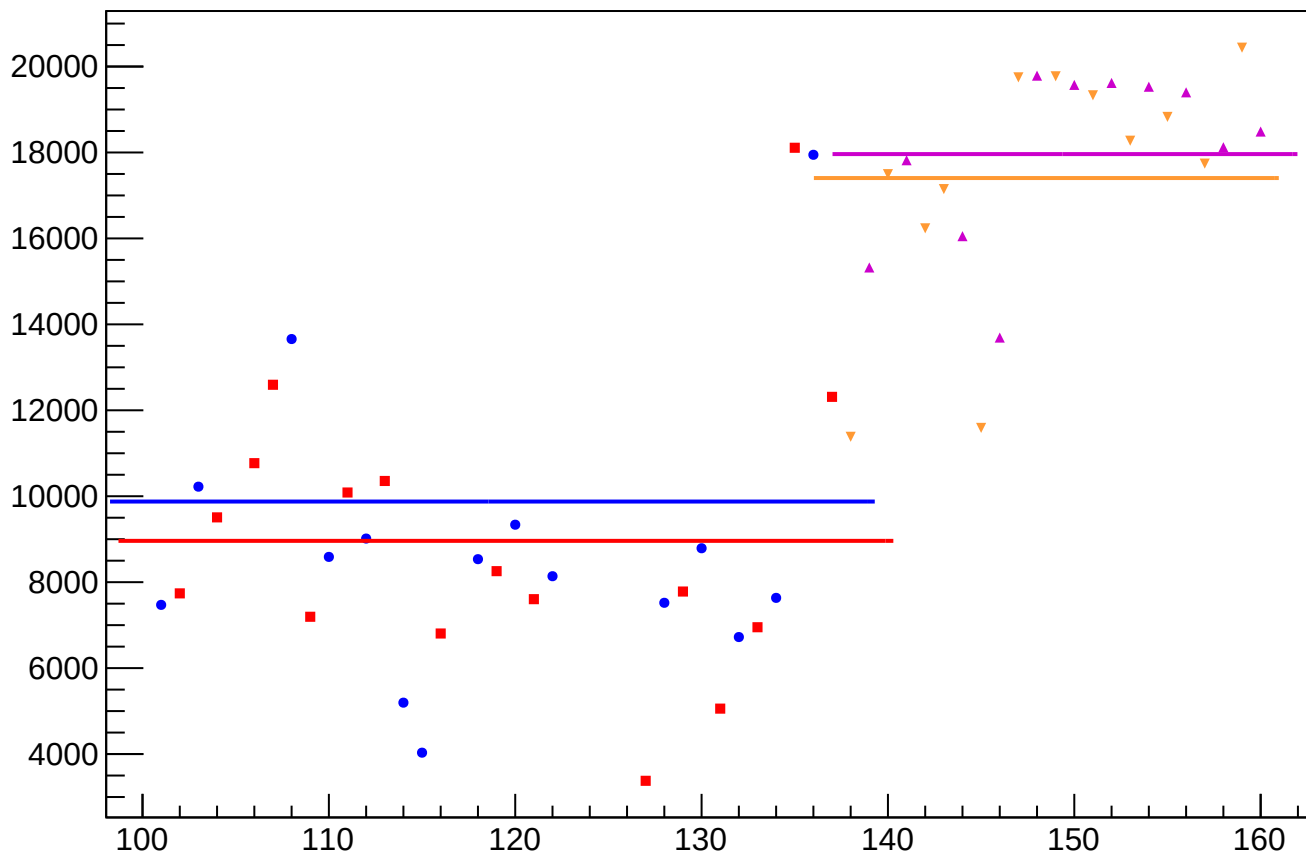
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

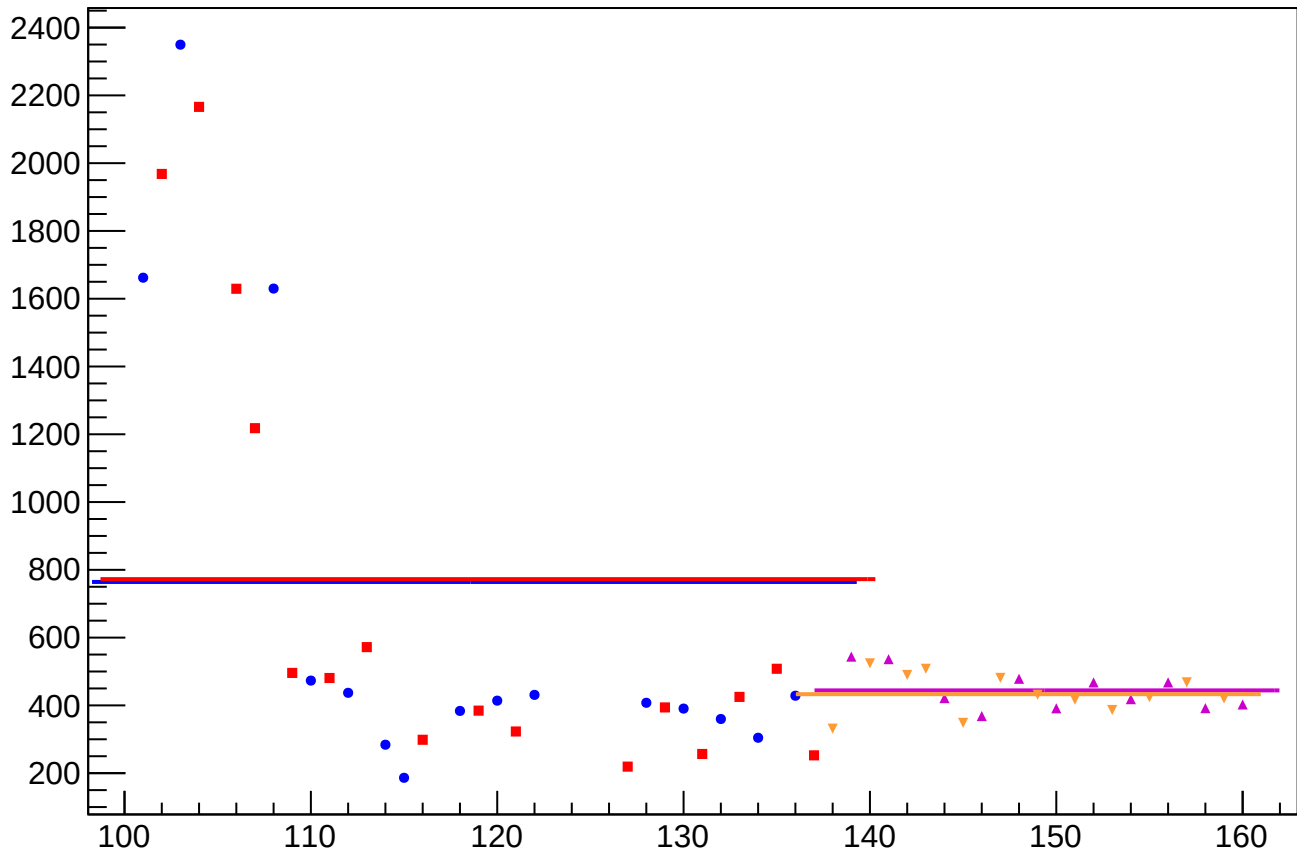
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



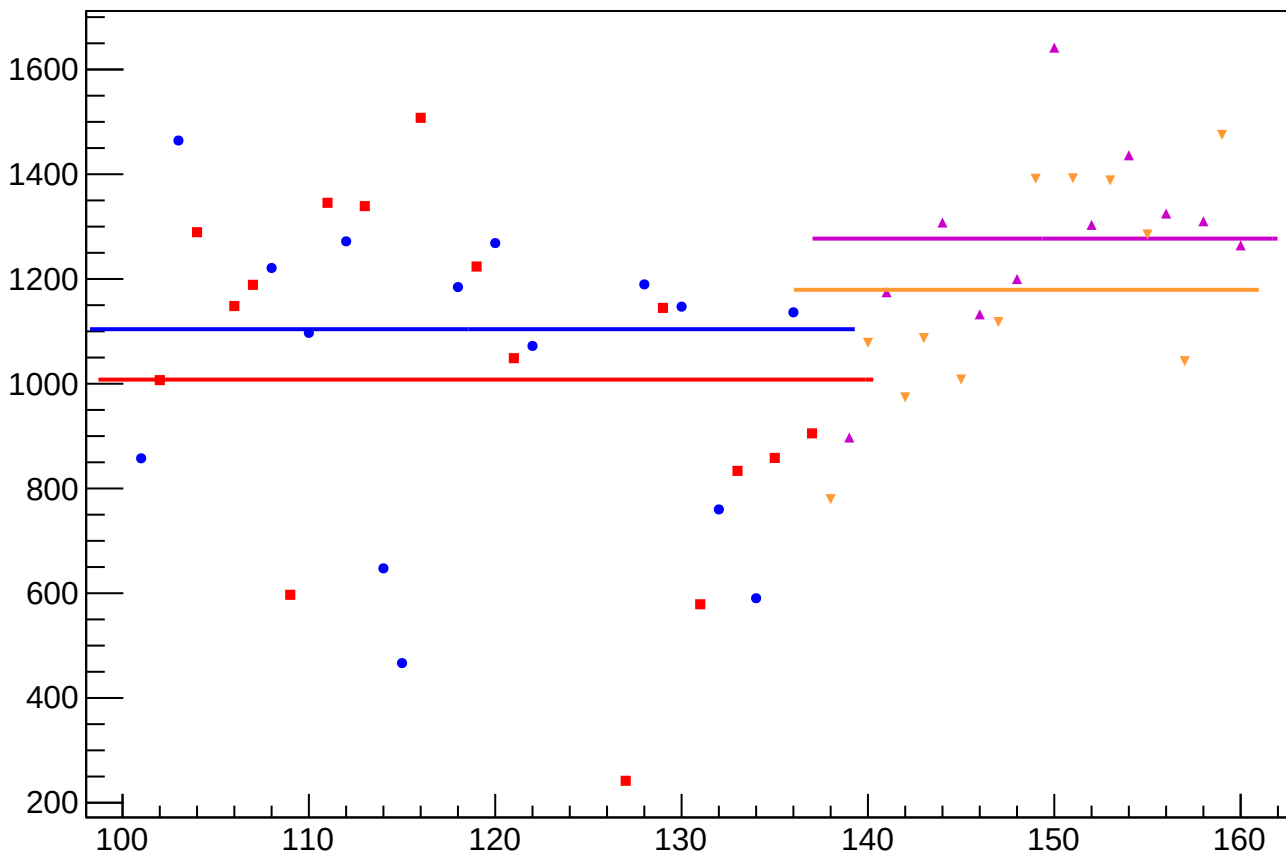
Right In: 9876.530+/-0.000	χ^2/NDF : 8483360287053054122301651905797133697024.0/14	+ sign 14279.004+/-0.000	χ^2/NDF : 3768368481481
Left Out: 17405.049+/-0.000	χ^2/NDF : 7689801671099378791544545422175664865280.0/11	All: 14233.622+/-0.000	χ^2/NDF : 8022211512
Right Out: 8961.593+/-0.000	χ^2/NDF : 7583728644146461427304320888408335450112.0/15	- sign 14189.038+/-0.000	χ^2/NDF : 4253204880235
Left In: 17962.529+/-0.000	χ^2/NDF : 3564698291142811133043344688261317525504.0/10		

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284 $\pm$ 0.000 χ^2 /NDF: 290964758058269480005067205020030599168.0/14
 Left Out: 433.079 $\pm$ 0.000 χ^2 /NDF: 3070370524438239159273190119476035584.0/11
 Right Out: 772.547 $\pm$ 0.000 χ^2 /NDF: 285902138904642401278625587631891677184.0/15
 Left In: 444.245 $\pm$ 0.000 χ^2 /NDF: 2906625839452991270105053894151241728.0/10

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

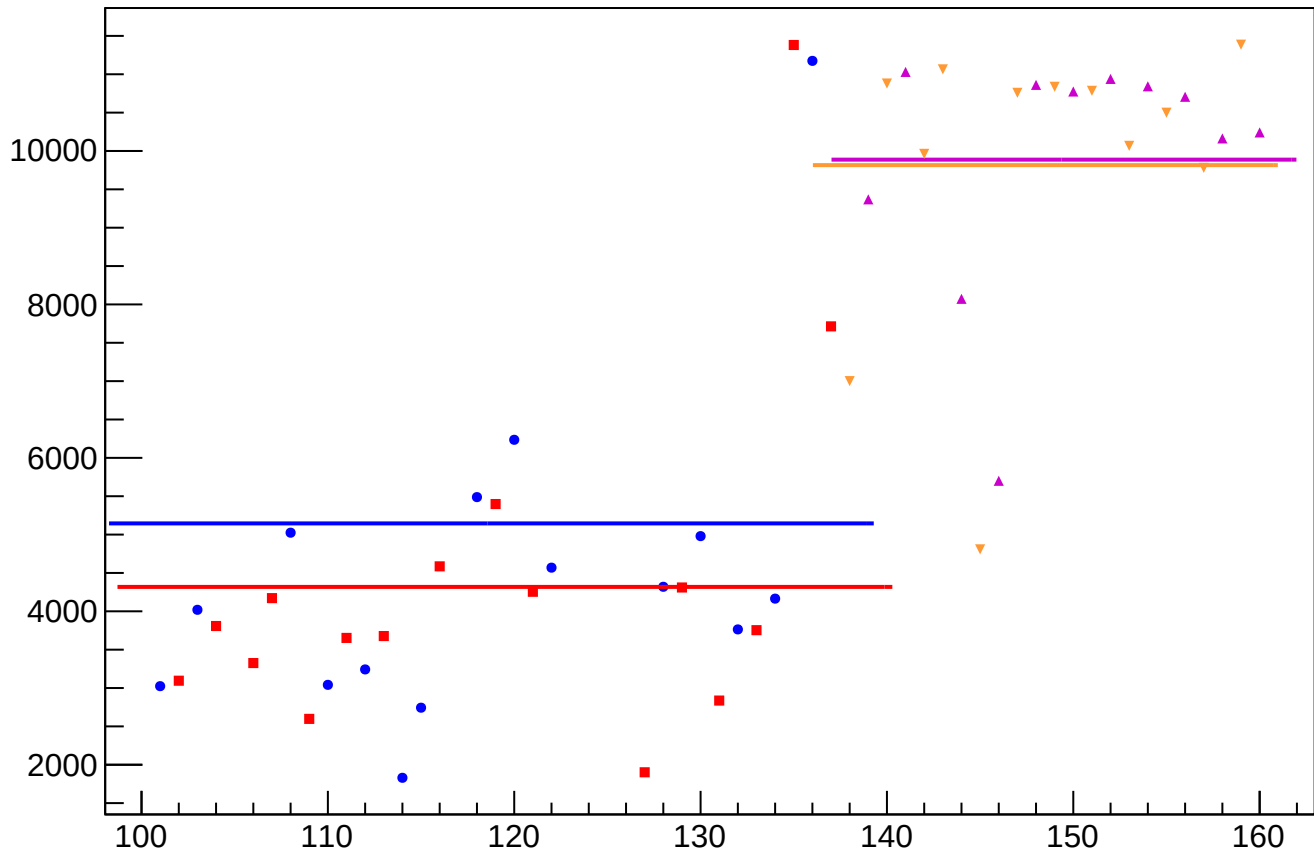
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

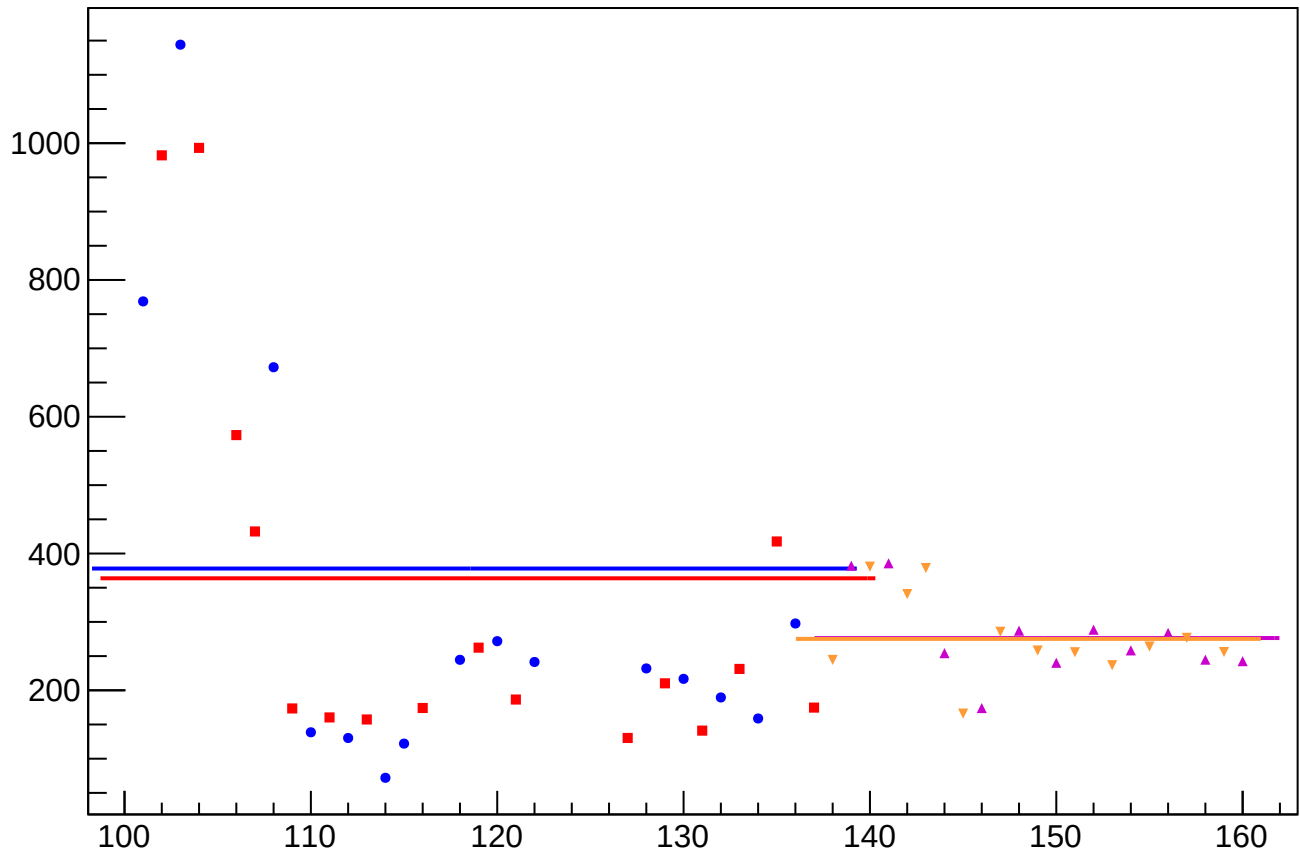
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9815.736+/-0.000 χ^2/NDF : 3242126212507286714618316704208262266880.0/11
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 9887.069+/-0.000 χ^2/NDF : 2278516780225824082632420288802127347712.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 275.181+/-0.000 χ^2/NDF : 3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

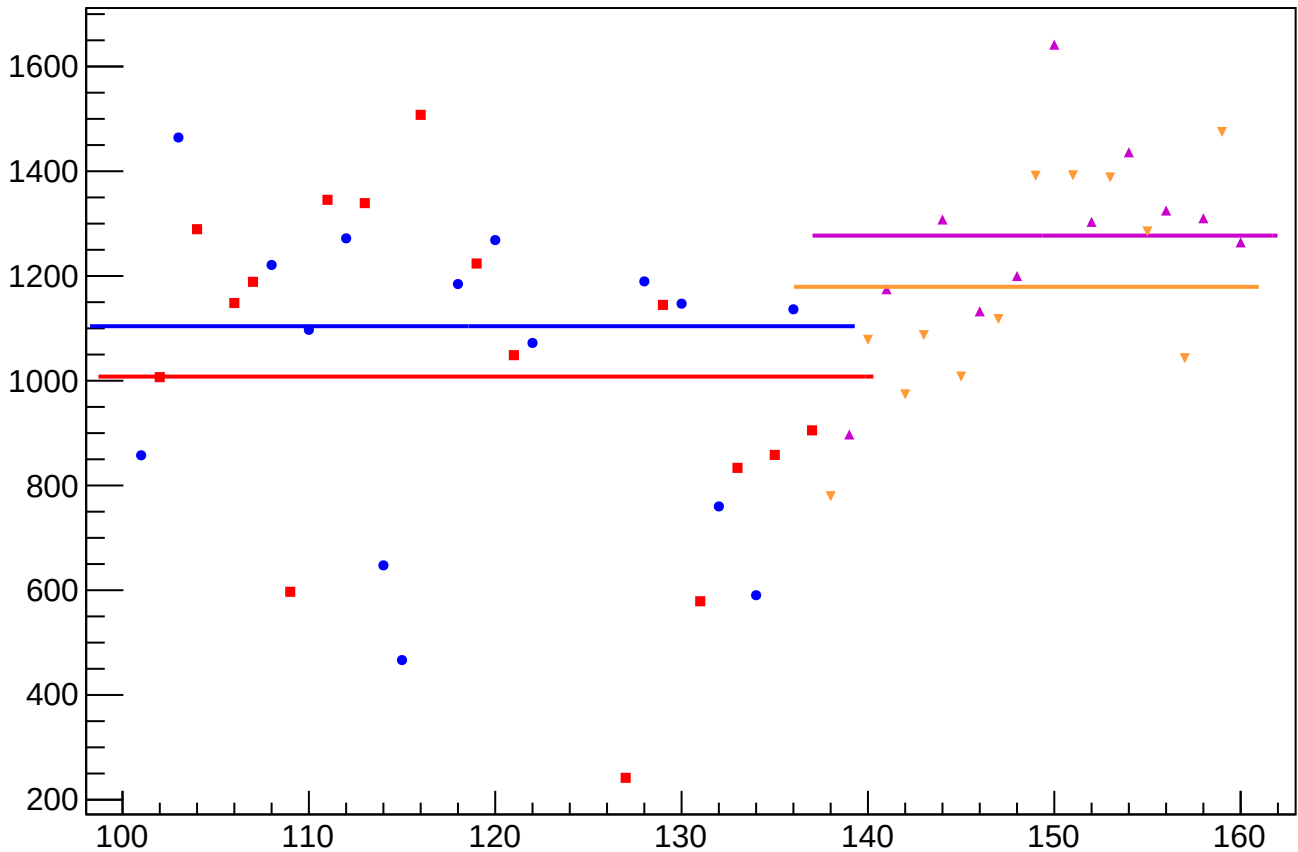
Left In: 276.429+/-0.000 χ^2/NDF : 3176476969276554988209041450490396672.0/10

+ sign 317.896+/-0.000 χ^2/NDF : 685967694208858

All: 315.450+/-0.000 χ^2/NDF : 133778300115

- sign 313.047+/-0.000 χ^2/NDF : 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

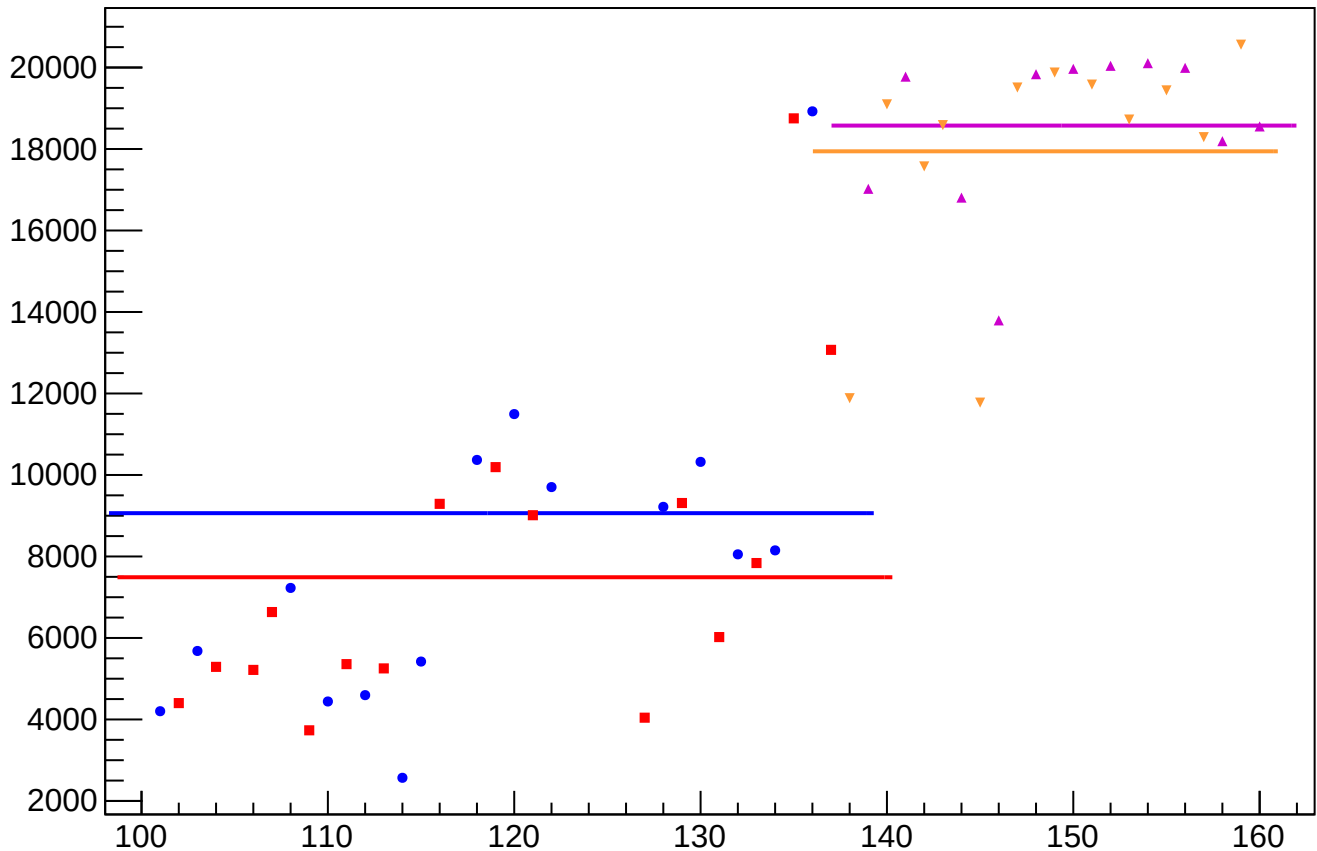
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

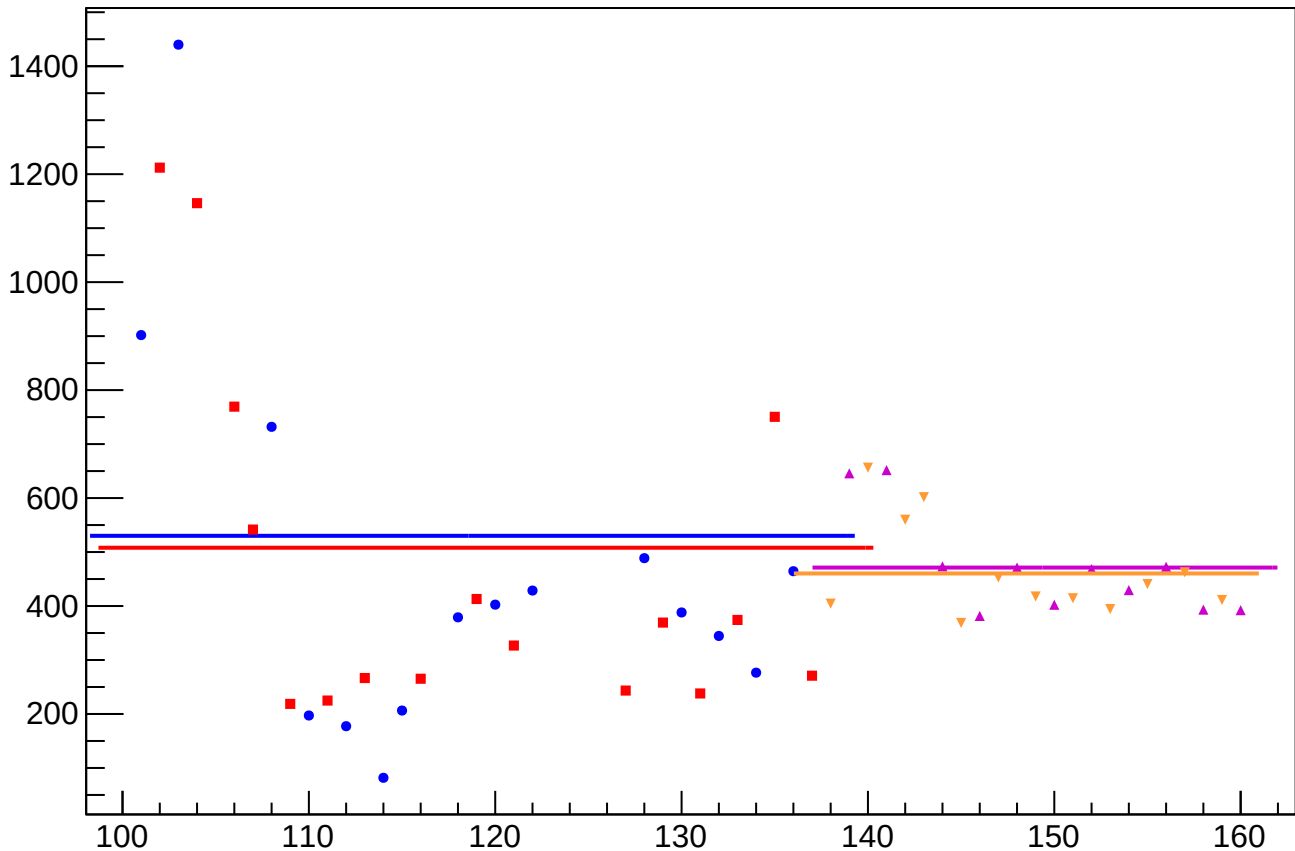
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17943.531+/-0.000 χ^2/NDF : 7473617733274816603280469921274378846208.0/11
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18574.874+/-0.000 χ^2/NDF : 3371752936319538414648384836142763081728.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 460.312+/-0.000 χ^2/NDF : 6754606428371283053517529701630869504.0/11

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

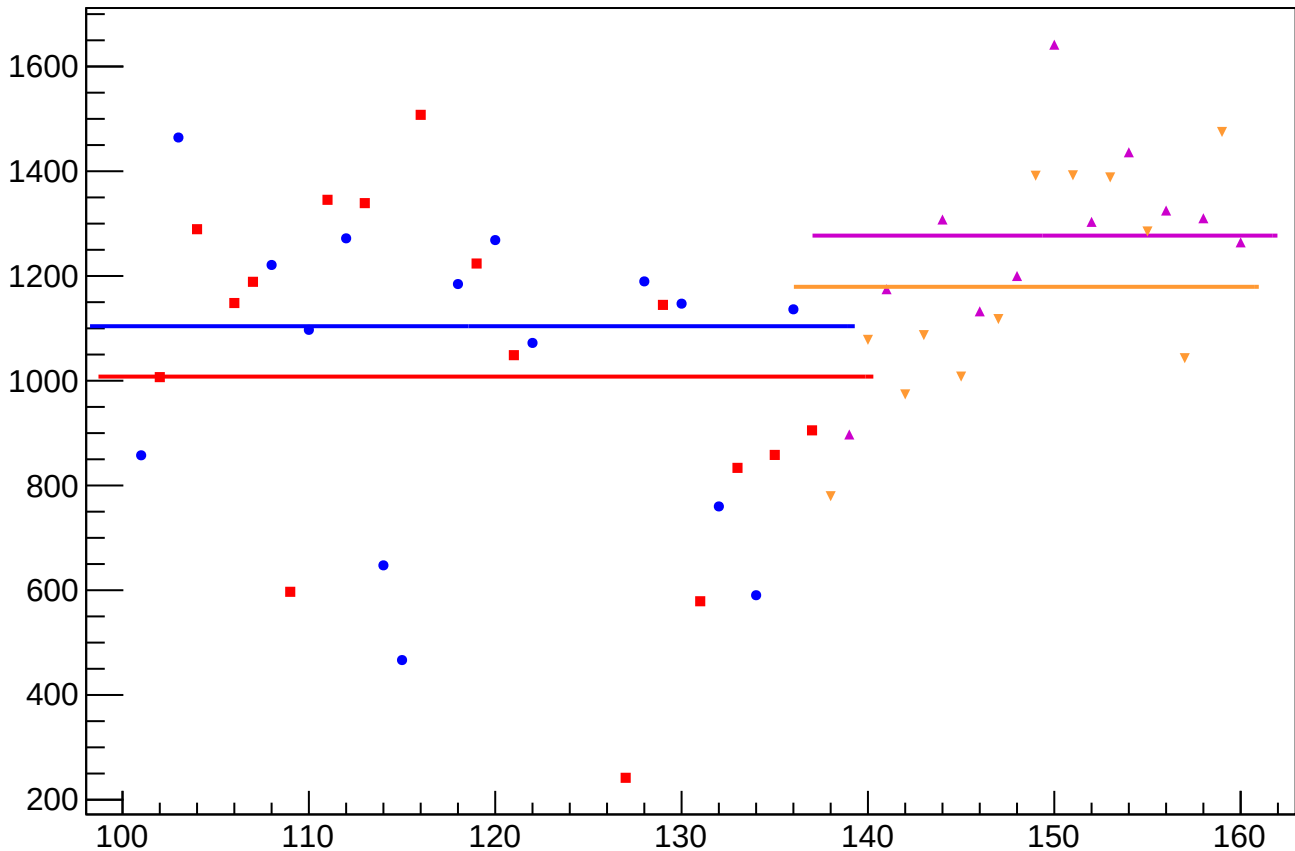
Left In: 471.219+/-0.000 χ^2/NDF : 744597321916033625746772011051745280.0/10

+ sign 489.272+/-0.000 χ^2/NDF : 873553872862030

All: 487.941+/-0.000 χ^2/NDF : 172020251630

- sign 486.633+/-0.000 χ^2/NDF : 846593738129805

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

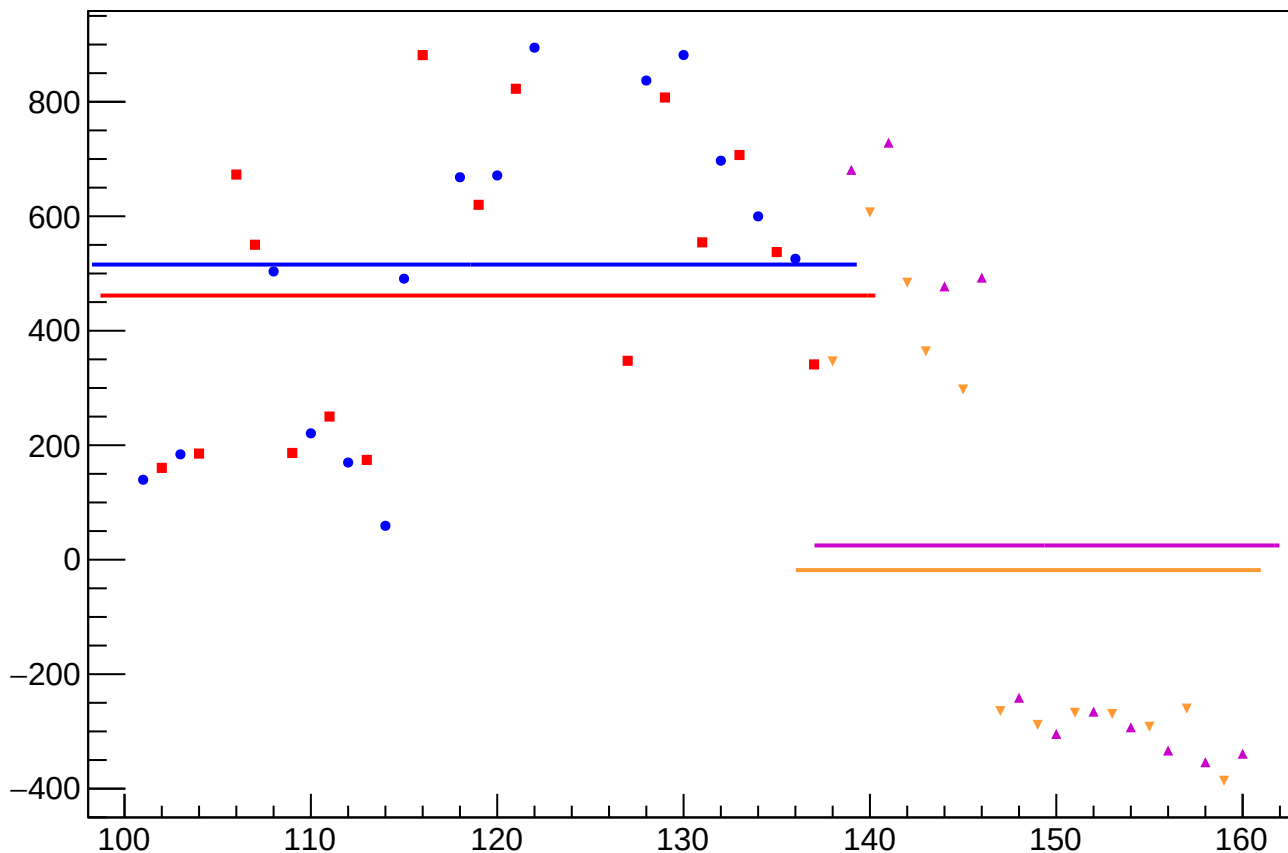
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

+ sign 203.495+/-0.000 χ^2/NDF : 270613075260864

Left Out: -18.146+/-0.000 χ^2/NDF : 114014627327363890146179797072763420672.0/11

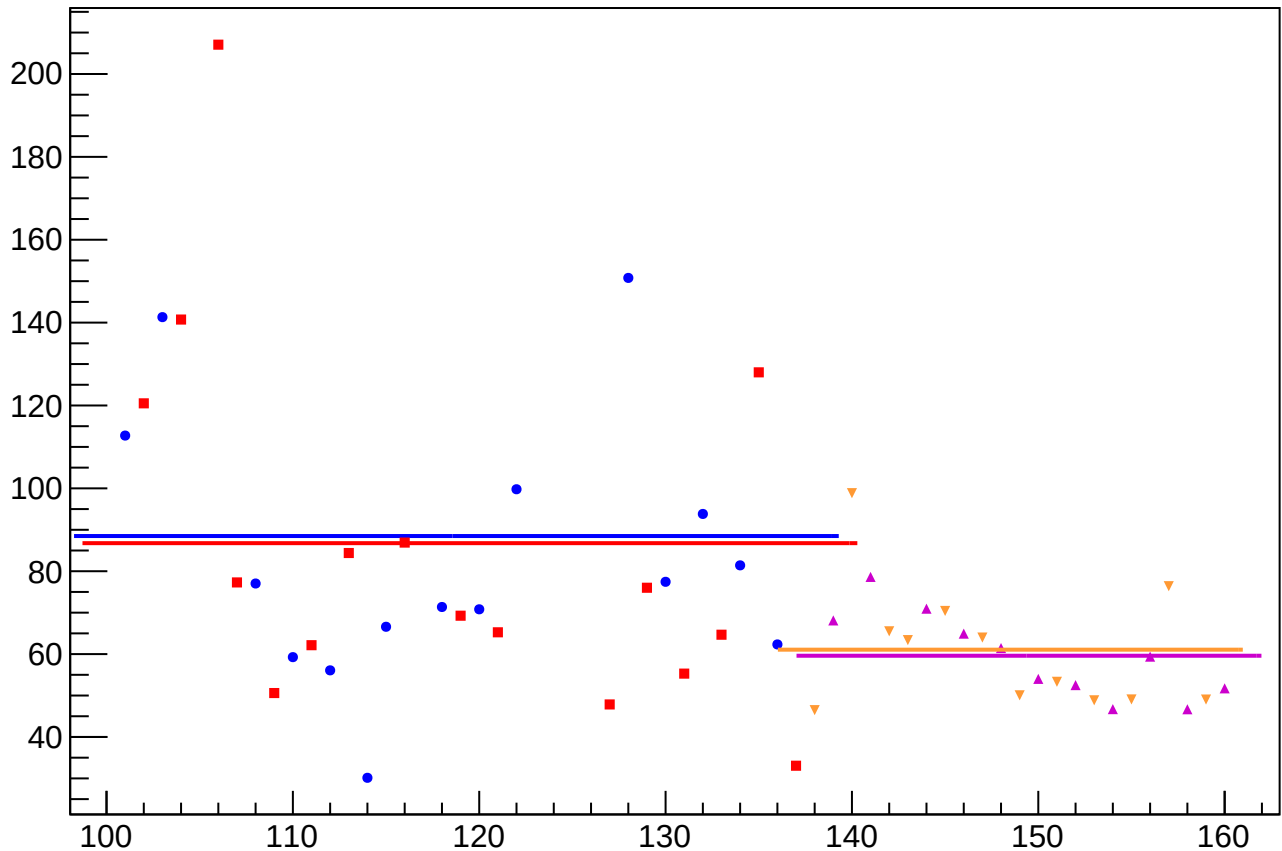
All: 205.734+/-0.000 χ^2/NDF : 562112865205

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

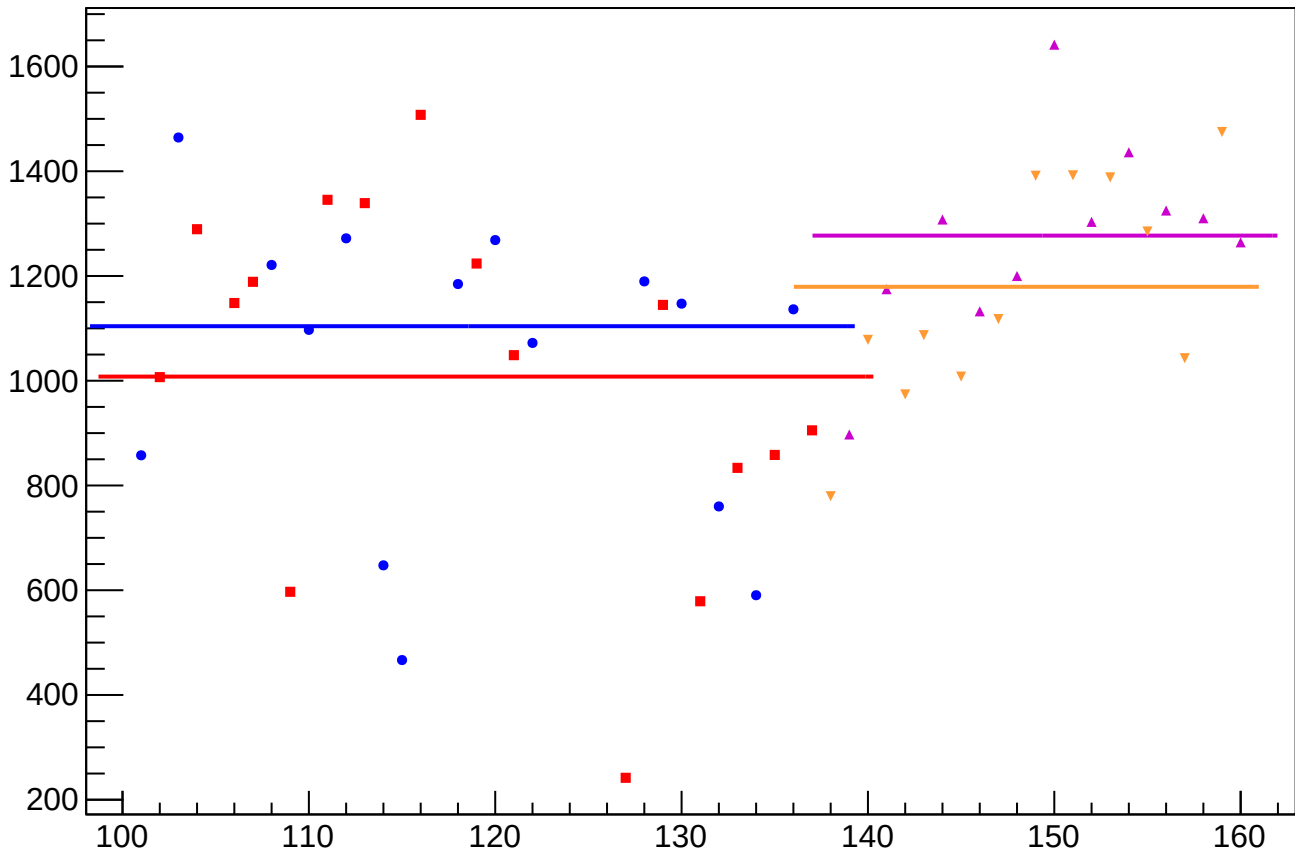
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000	χ^2/NDF : 643231155193035512625817963208900608.0/14	+ sign 72.455+/-0.000	χ^2/NDF : 1140205339739572
Left Out: 61.067+/-0.000	χ^2/NDF : 211507080213048507647331077961285632.0/11	All: 71.718+/-0.000	χ^2/NDF : 2577899671839
Right Out: 86.773+/-0.000	χ^2/NDF : 1059206766314086021240525003228708864.0/15	- sign 70.994+/-0.000	χ^2/NDF : 1436012461961461
Left In: 59.604+/-0.000	χ^2/NDF : 90862625181985664375323463168032768.0/10		

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

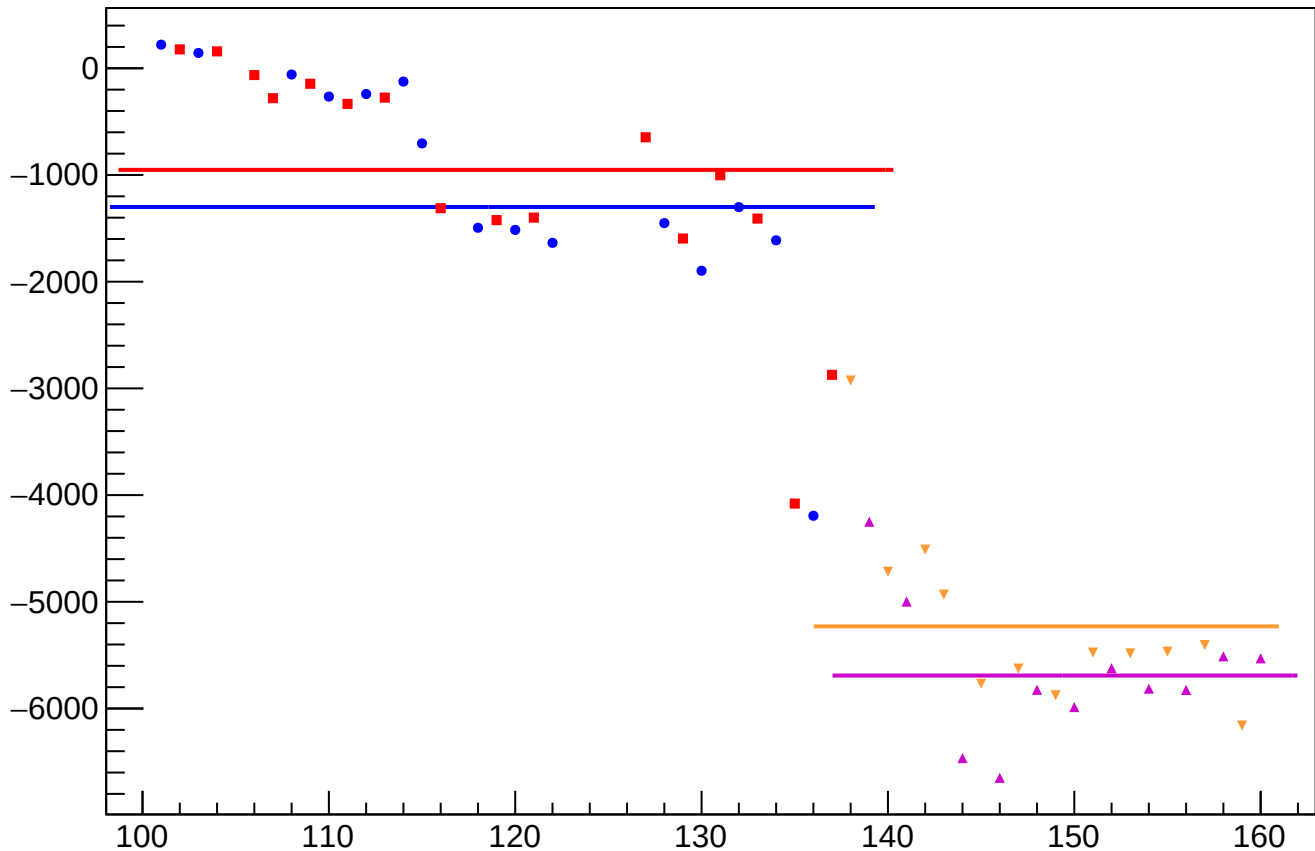
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

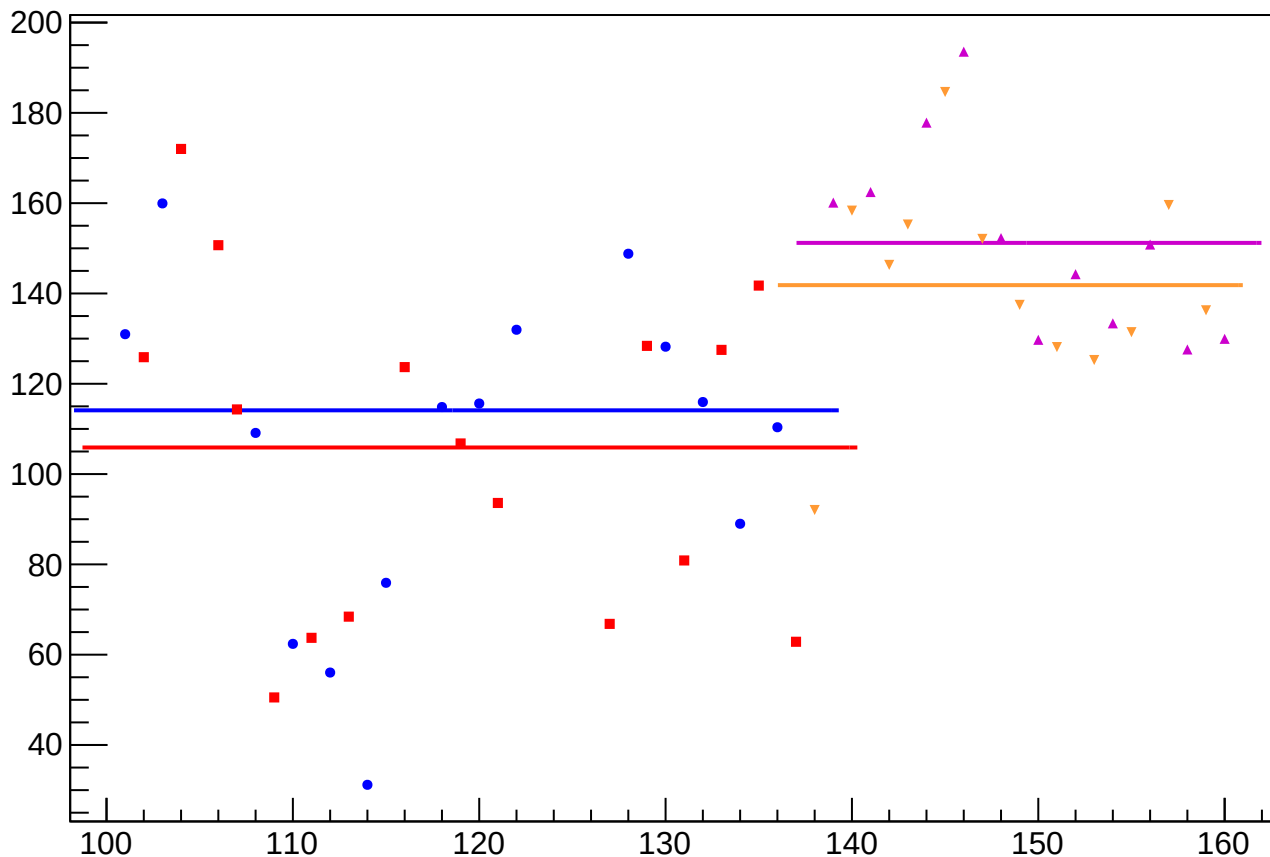
dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -5230.164+/-0.000	χ^2/NDF : 621337546754048275745011650527081005056.0/11
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5690.941+/-0.000	χ^2/NDF : 355774620722948866968040460749891436544.0/10

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426
 All: -3651.666+/-0.000 χ^2/NDF : 1758908860
 - sign -3704.179+/-0.000 χ^2/NDF : 98968619860202

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 141.844+/-0.000 χ^2/NDF : 455273254245846333149237795723673600.0/11

Right Out: 105.890+/-0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

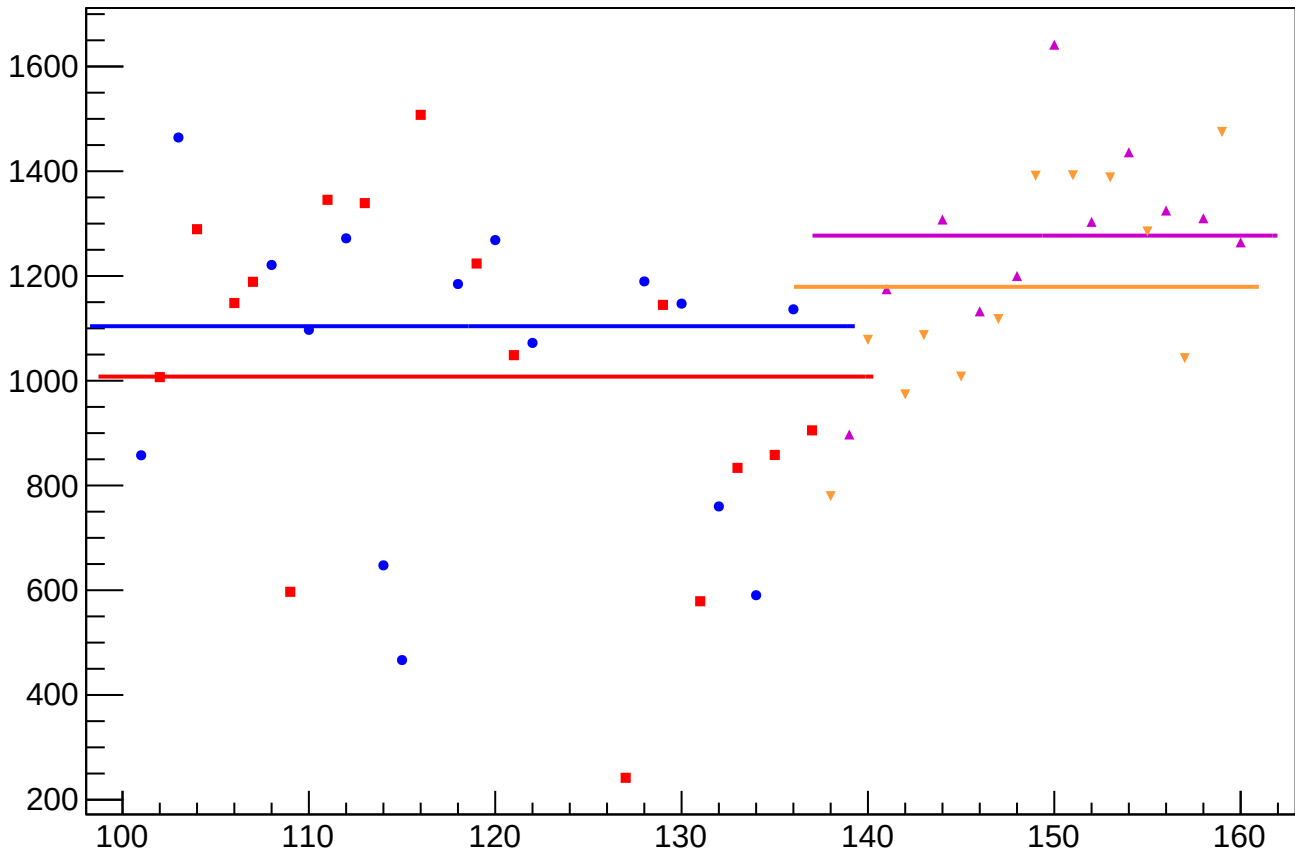
Left In: 151.203+/-0.000 χ^2/NDF : 382227652604999337577431549784096768.0/10

+ sign 130.331+/-0.000 χ^2/NDF : 135424557525506

All: 131.277+/-0.000 χ^2/NDF : 338649926322

- sign 132.206+/-0.000 χ^2/NDF : 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

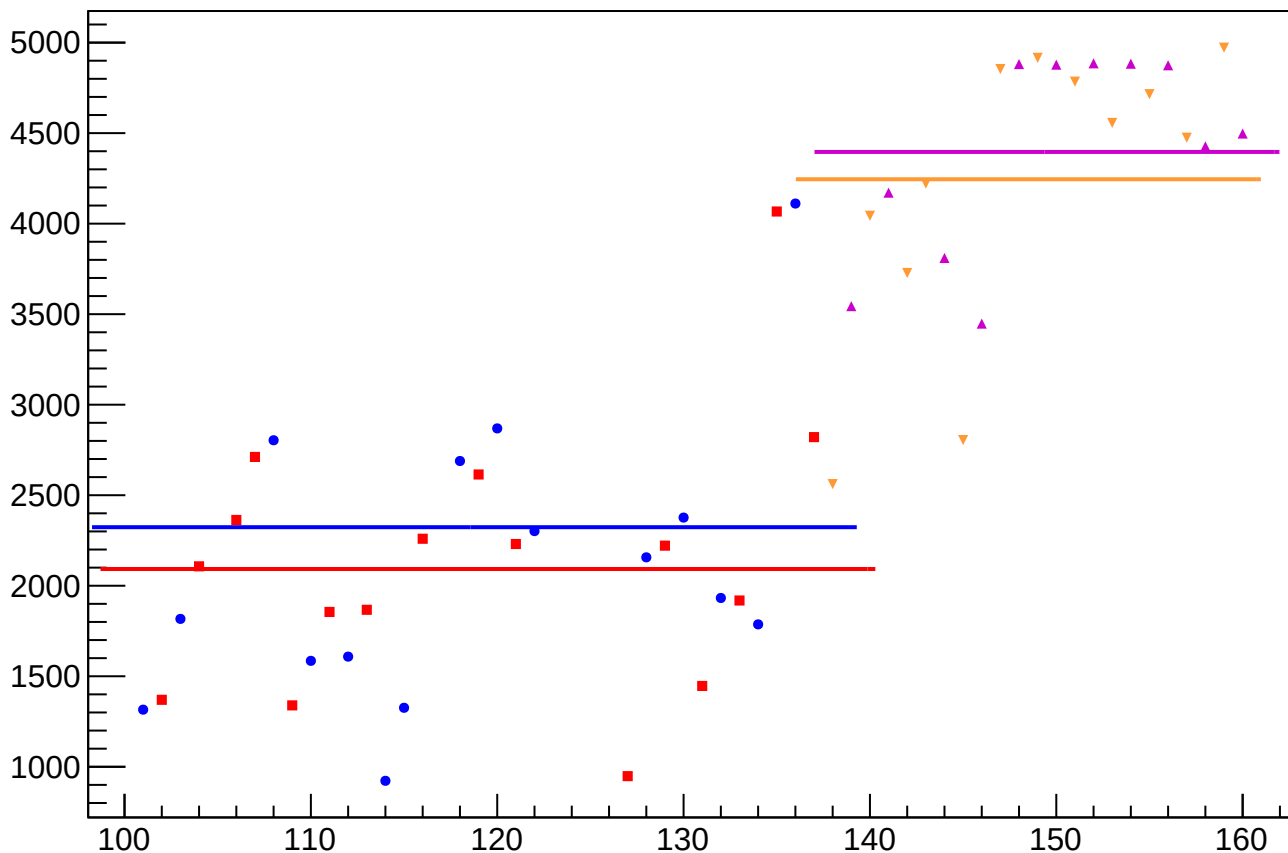
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

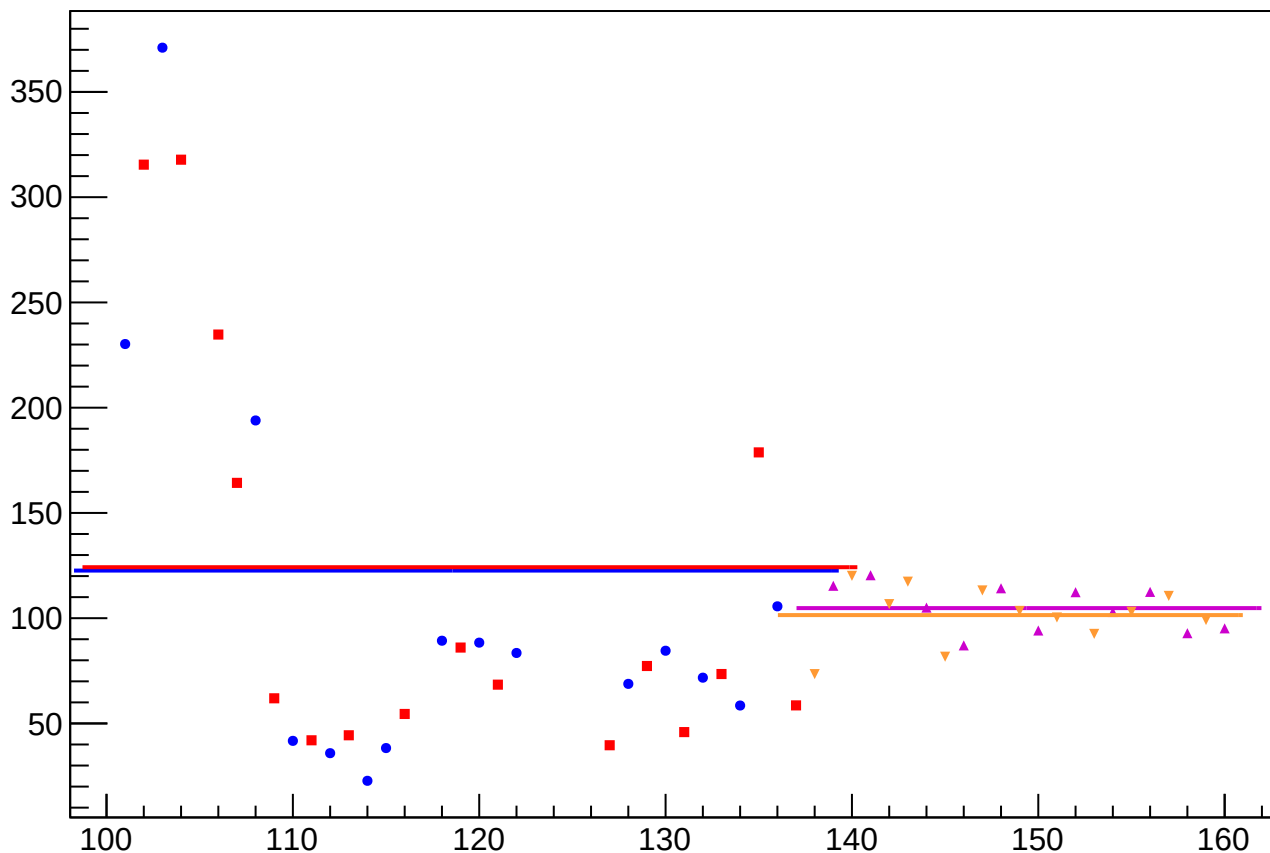
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam7_coil3_mean vs Slug



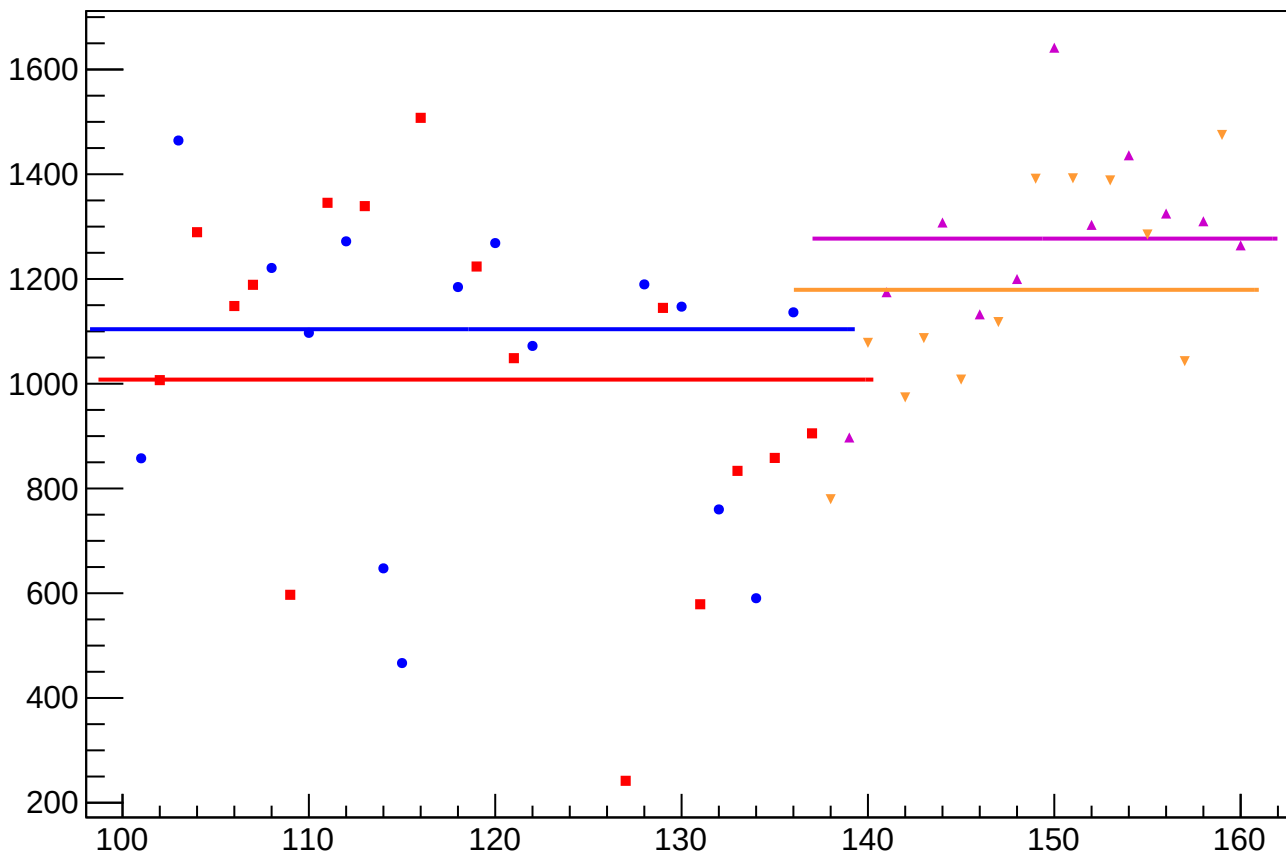
Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3447.245+/-0.000	χ^2/NDF : 24382907413963
Left Out: 4245.269+/-0.000	χ^2/NDF : 560100037882540295630660663570463719424.0/11	All: 3438.707+/-0.000	χ^2/NDF : 51316040482
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- sign 3430.319+/-0.000	χ^2/NDF : 26930874223674
Left In: 4396.069+/-0.000	χ^2/NDF : 270326441631367265143713722564756897792.0/10		

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622 $\pm$ 0.000 χ^2 /NDF: 5937504661187691145903235842749497344.0/14
 Left Out: 101.470 $\pm$ 0.000 χ^2 /NDF: 163606586609215515174601139620413440.0/11
 Right Out: 124.216 $\pm$ 0.000 χ^2 /NDF: 6549627589629012958791202941129719808.0/15
 Left In: 104.786 $\pm$ 0.000 χ^2 /NDF: 102013785381333837493435451846950912.0/10

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

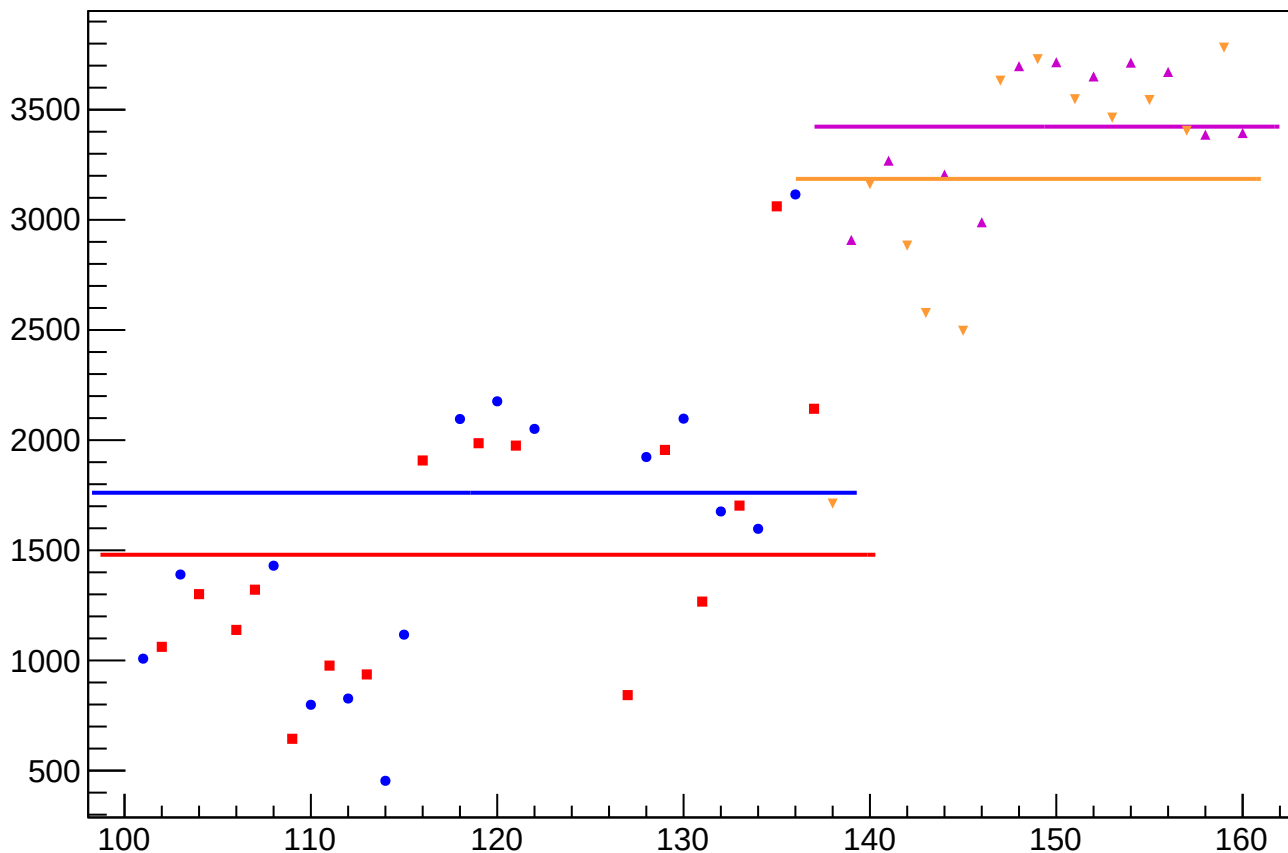
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

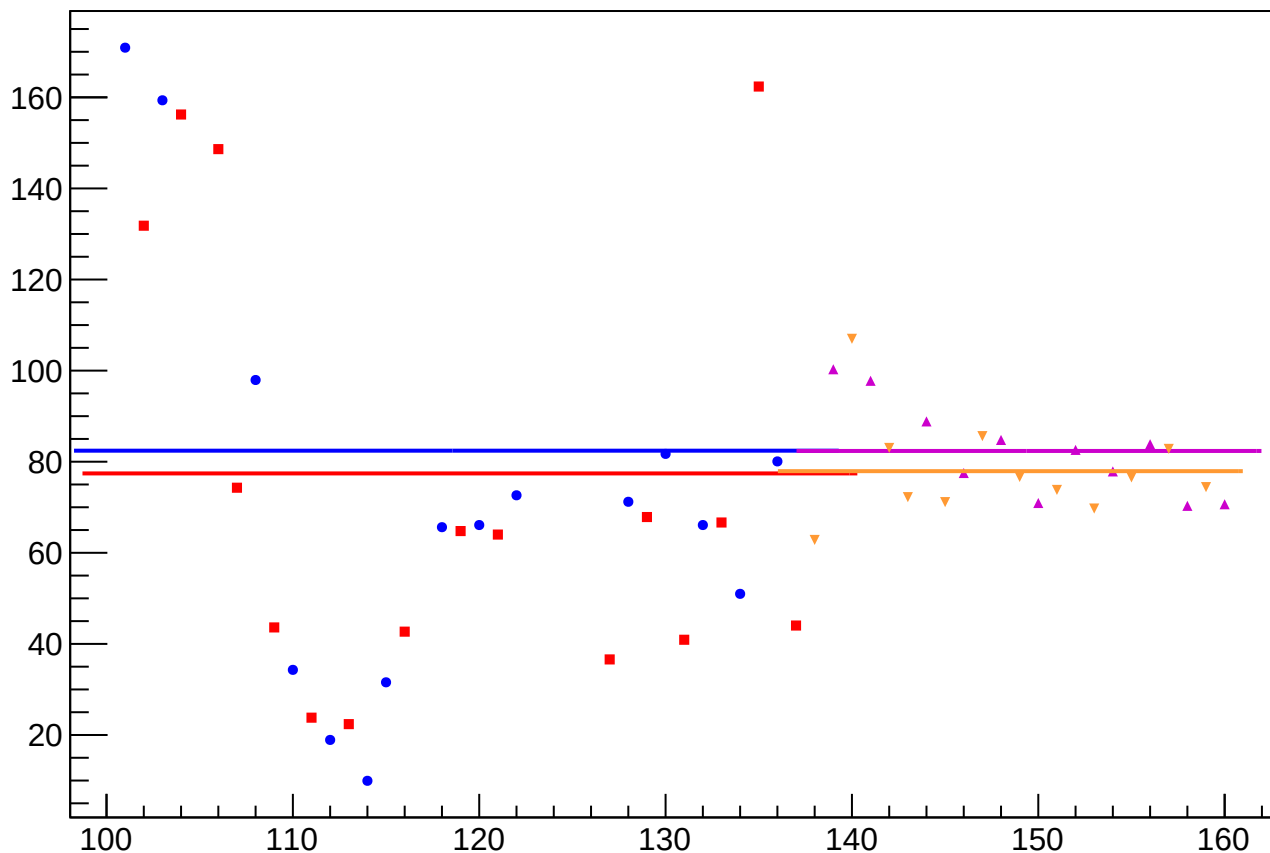
Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

All: 2601.420+/-0.000 χ^2/NDF : 32383742993

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 77.927+/-0.000 χ^2/NDF : 108816585289567770159719515210907648.0/11

Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

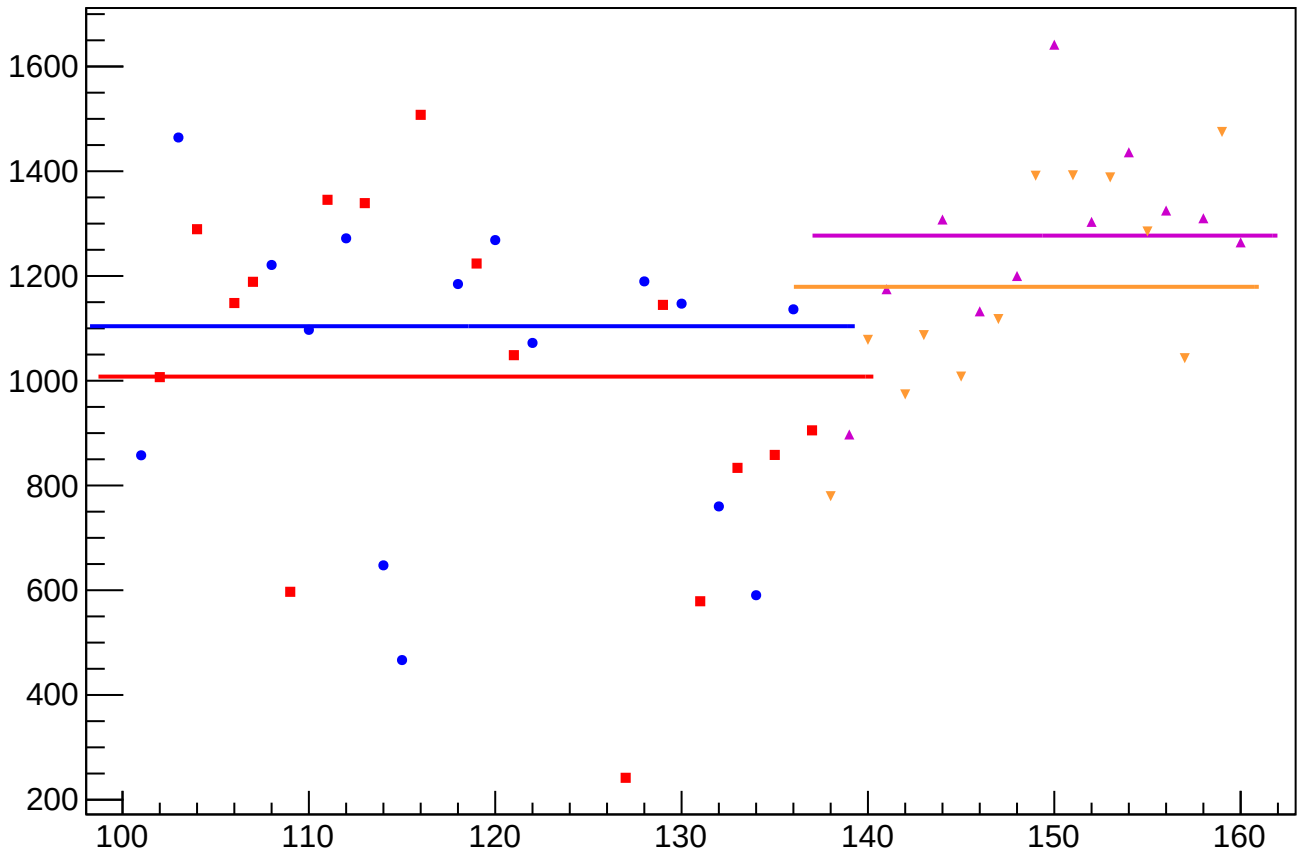
Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

+ sign 79.794+/-0.000 χ^2/NDF : 1380118069986945

All: 80.046+/-0.000 χ^2/NDF : 2993351942483

- sign 80.294+/-0.000 χ^2/NDF : 1613036492452020

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

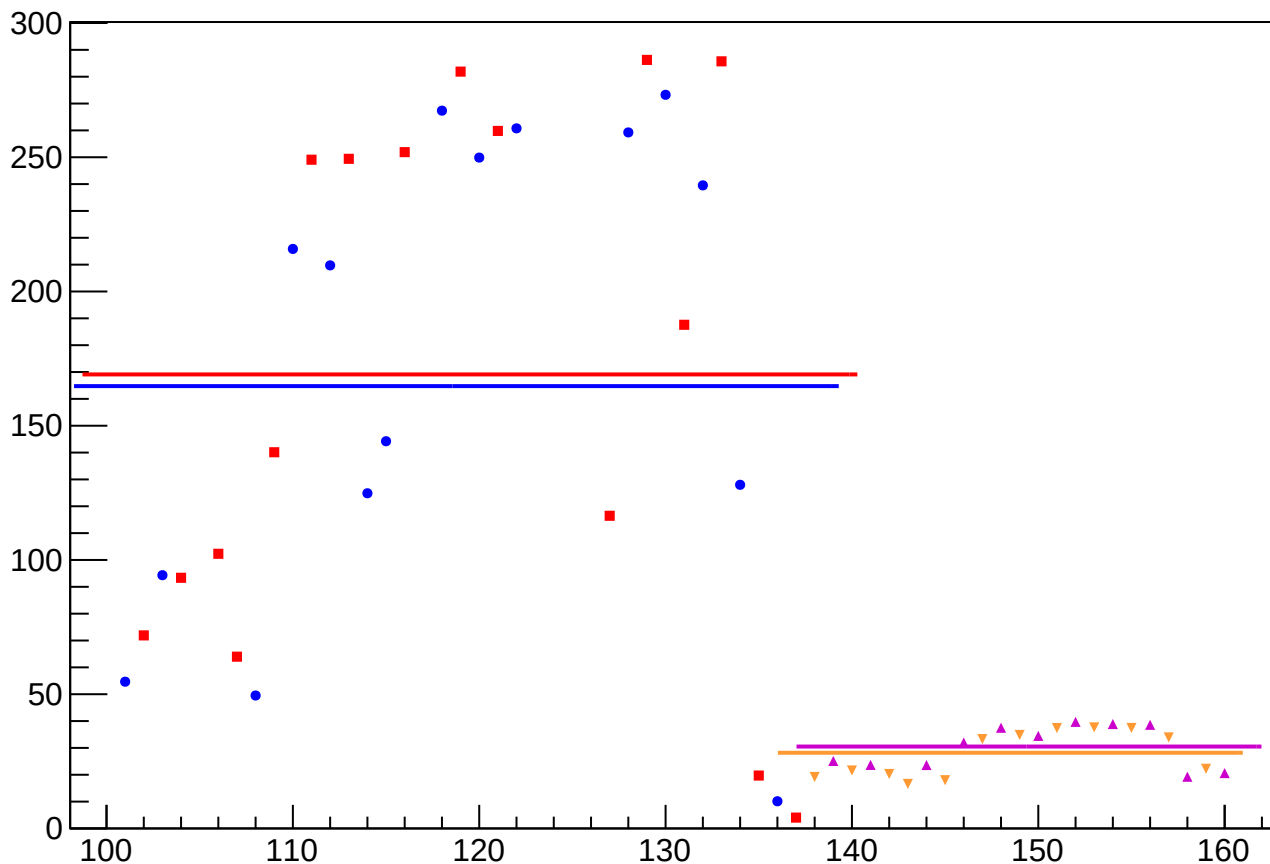
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aX_coil7_mean vs Slug



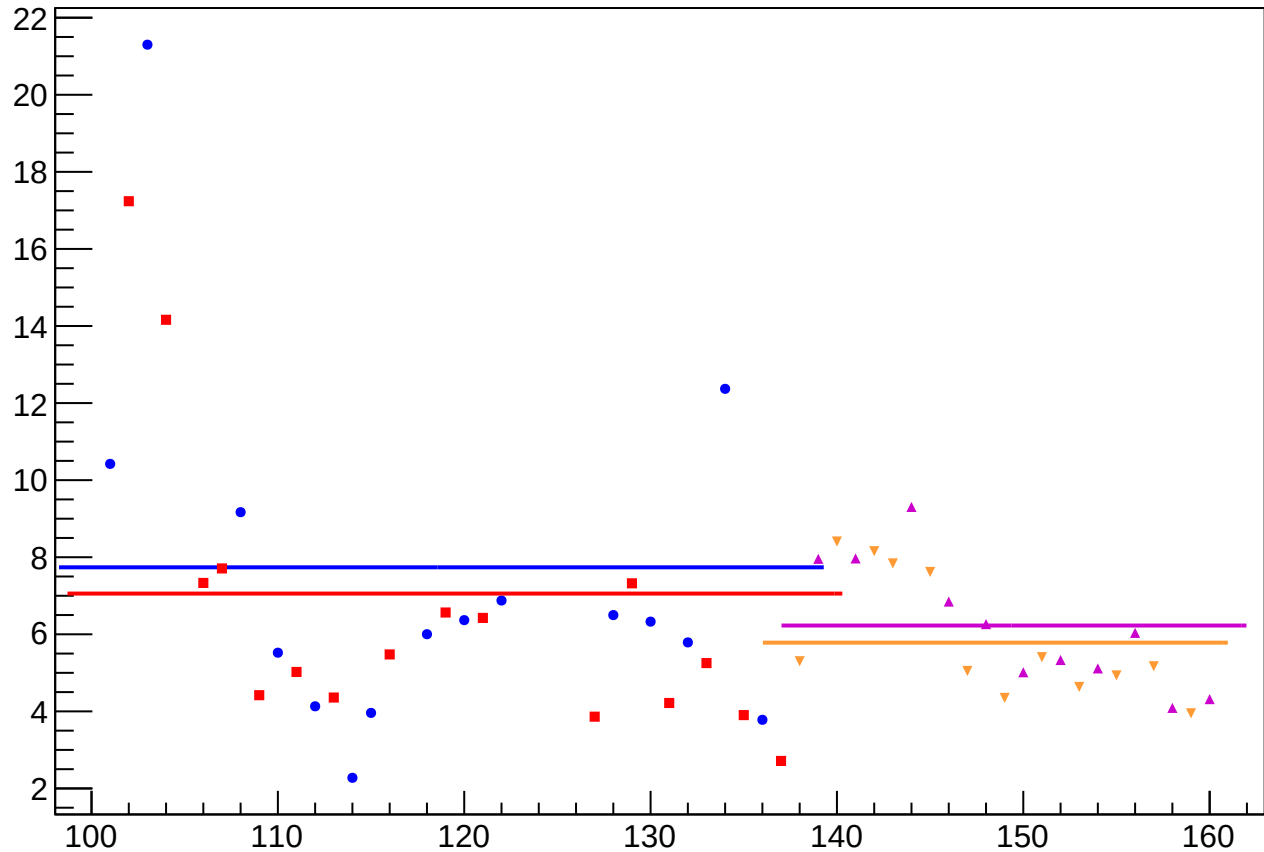
Right In: 164.752 ± 0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 28.192 ± 0.000 χ^2/NDF : 62073928949862768083975059378536448.0/11

Right Out: 169.108 ± 0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 30.507 ± 0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

dit_4aX_coil7_err_mean vs Slug



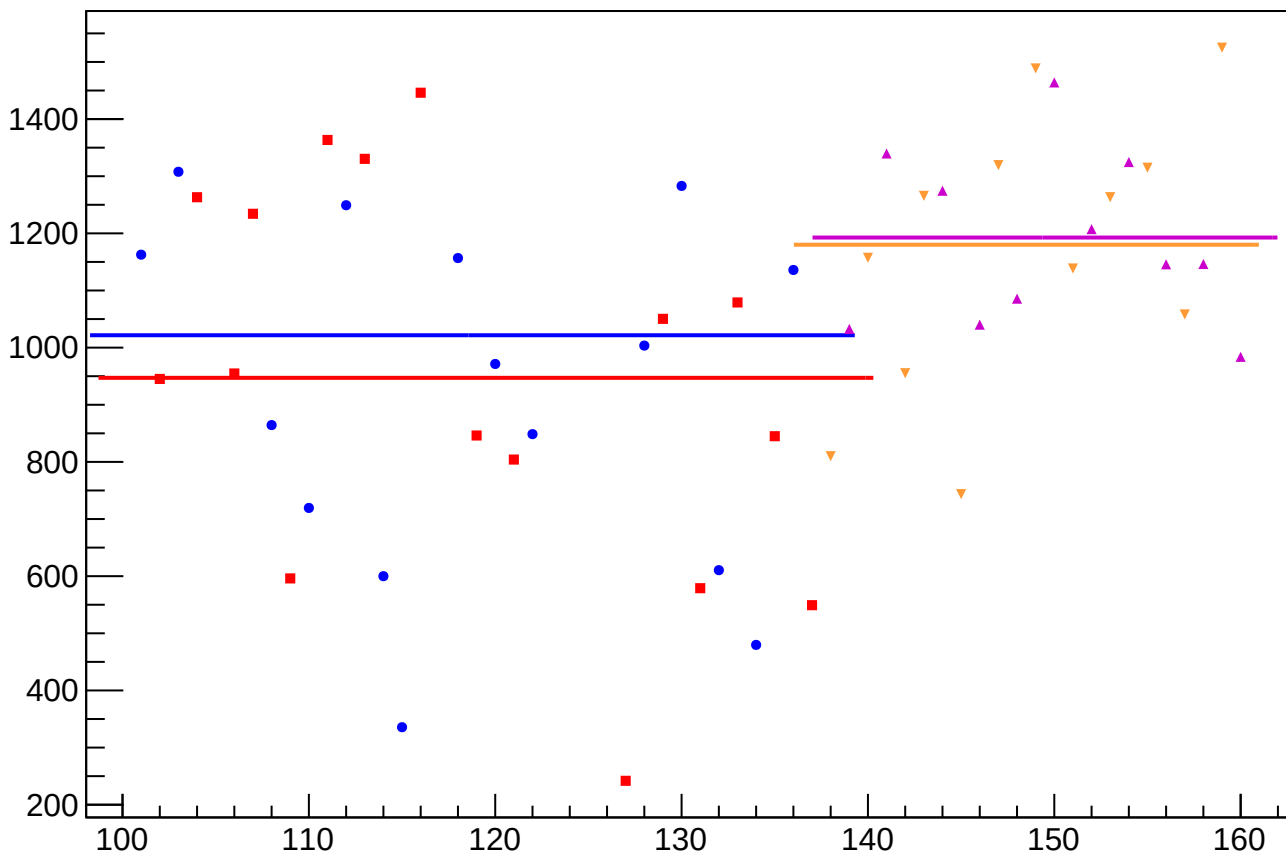
Right In: 7.738 ± 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.783 ± 0.000 χ^2/NDF : 2082103650411209995862519006101504.0/11

Right Out: 7.057 ± 0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

Left In: 6.228 ± 0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

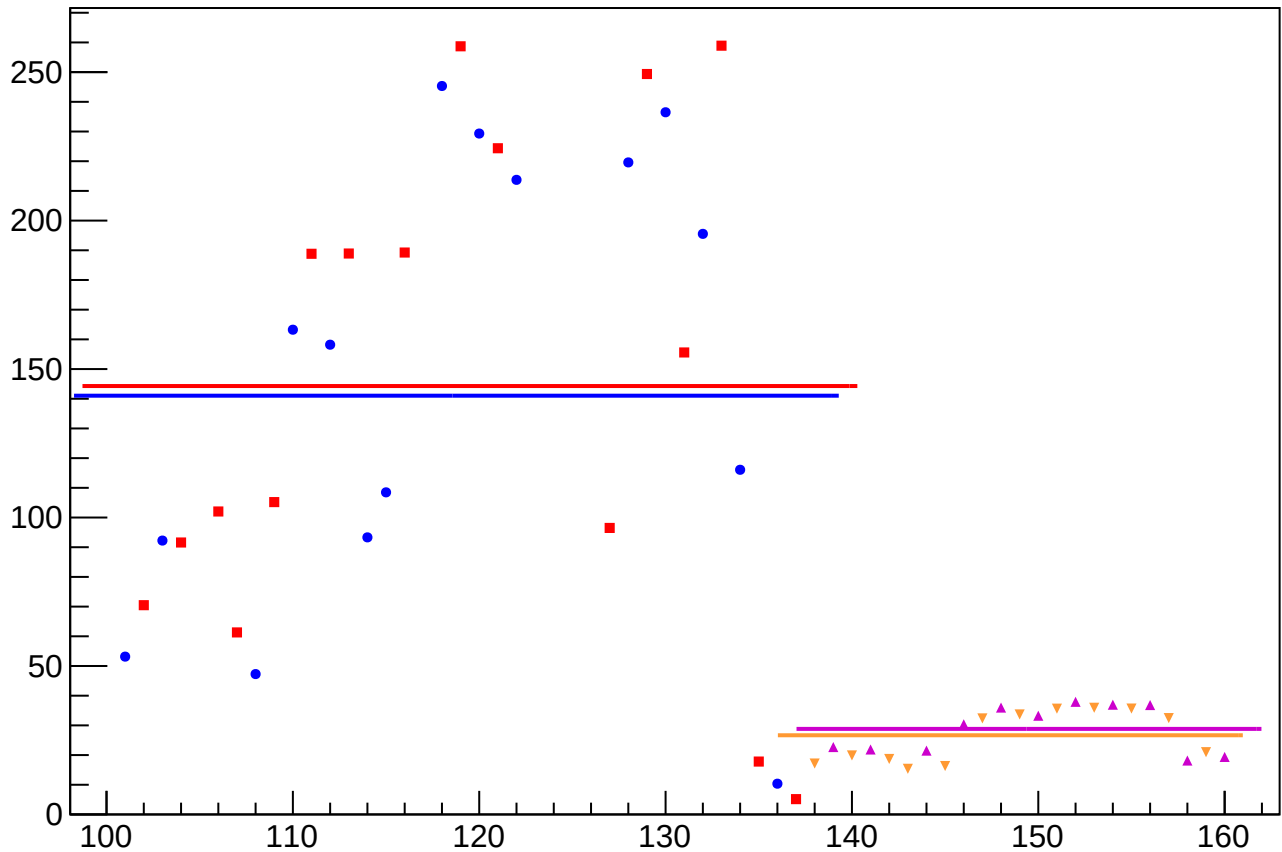
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11

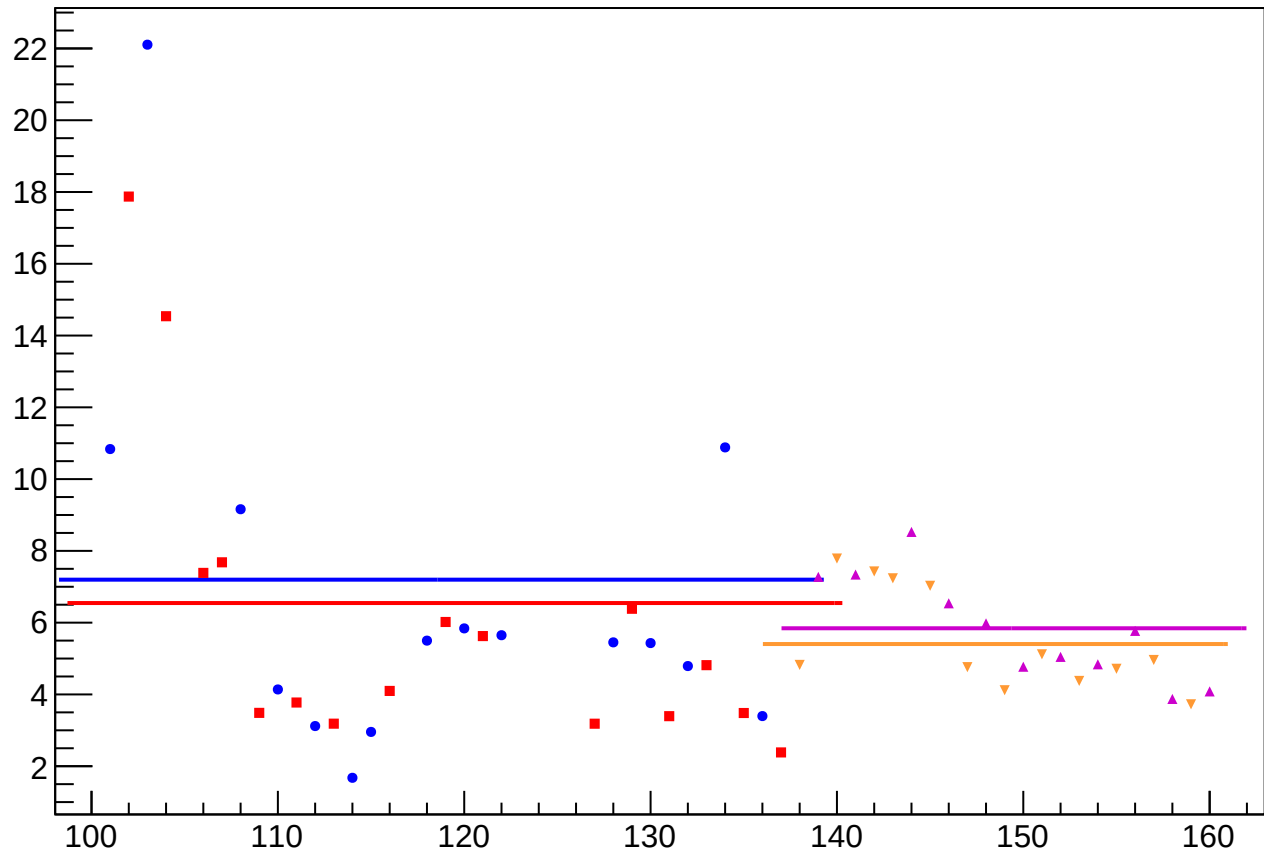
Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

All: 75.703+/-0.000 χ^2/NDF : 1902686413208

- sign 77.224+/-0.000 χ^2/NDF : 9485278065945565

dit_4eX_coil7_err_mean vs Slug



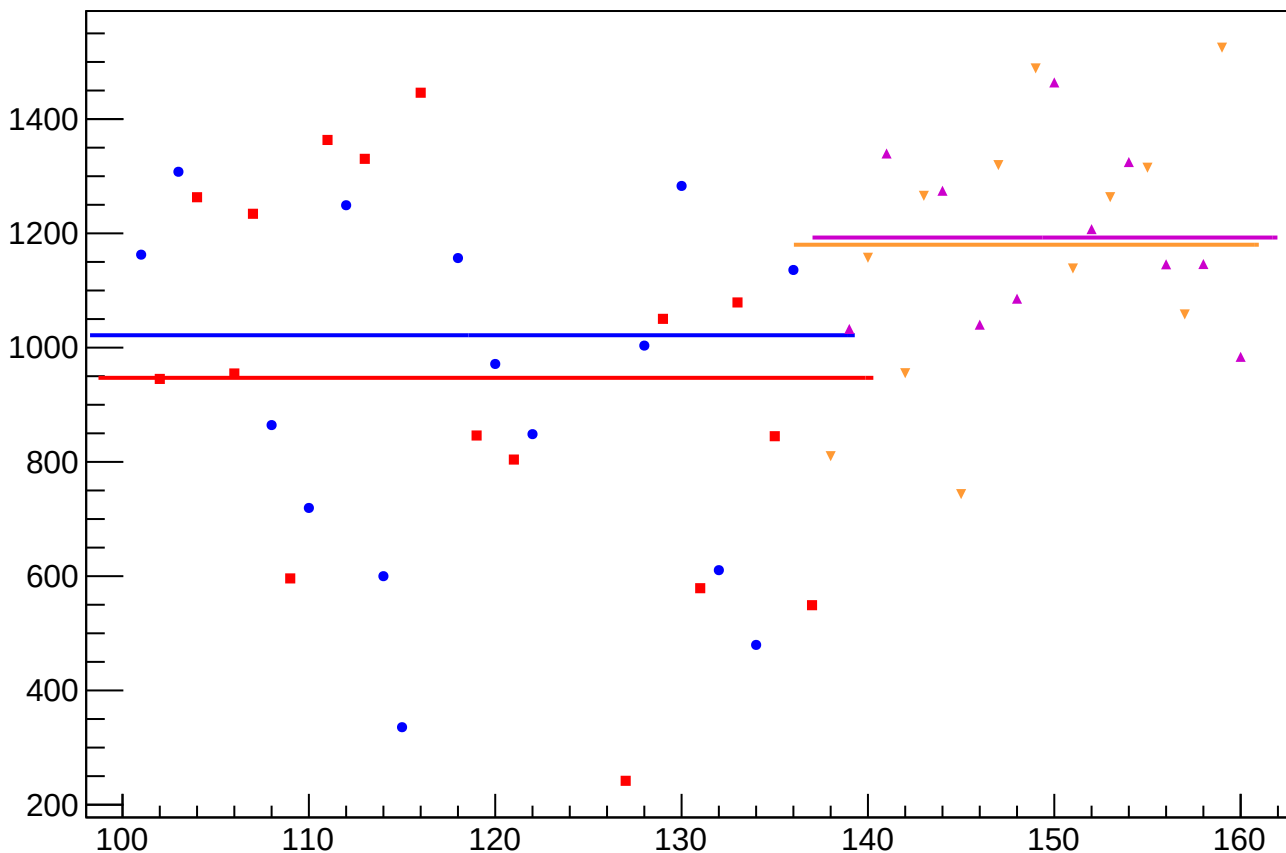
Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF : 1657476673222734549536062415306752.0/11

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

Left In: 5.843+/-0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

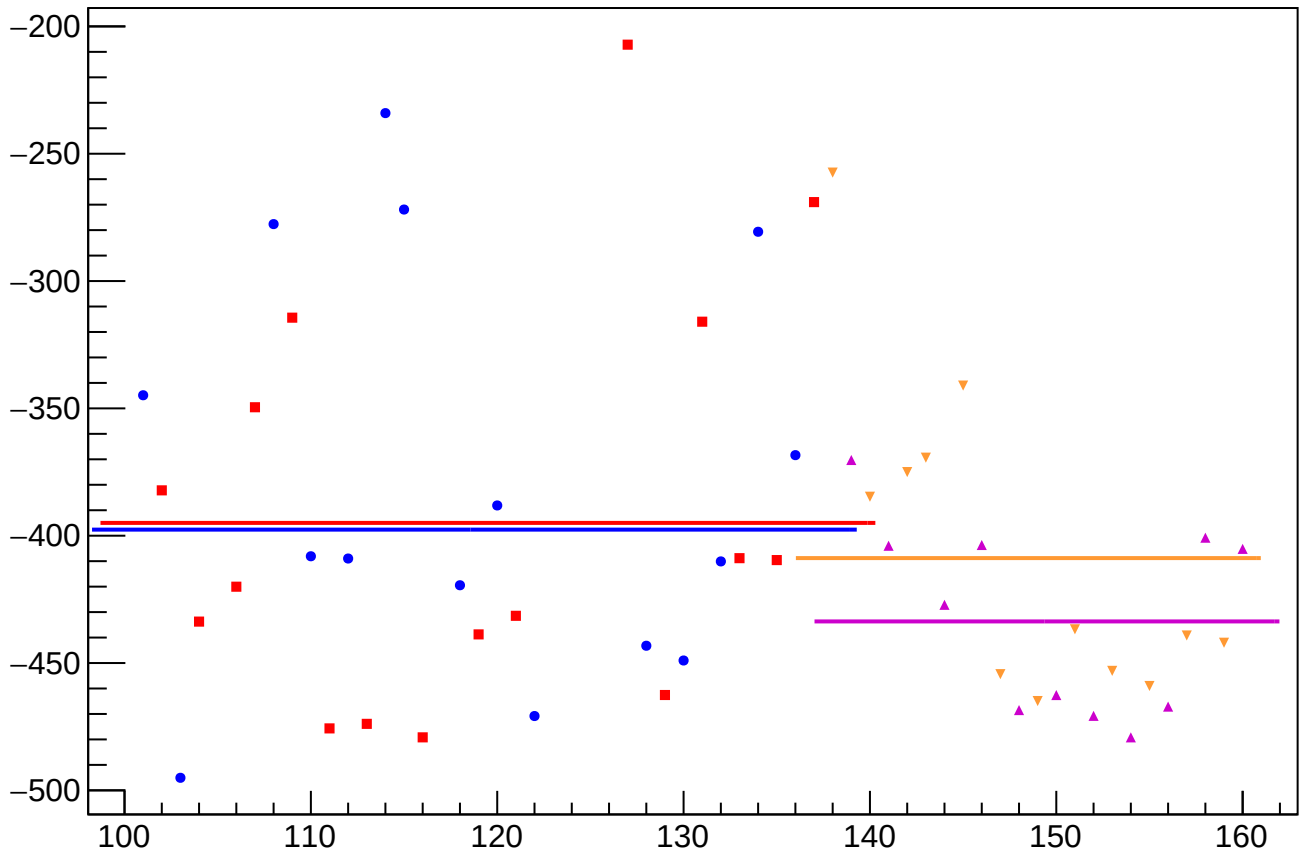
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

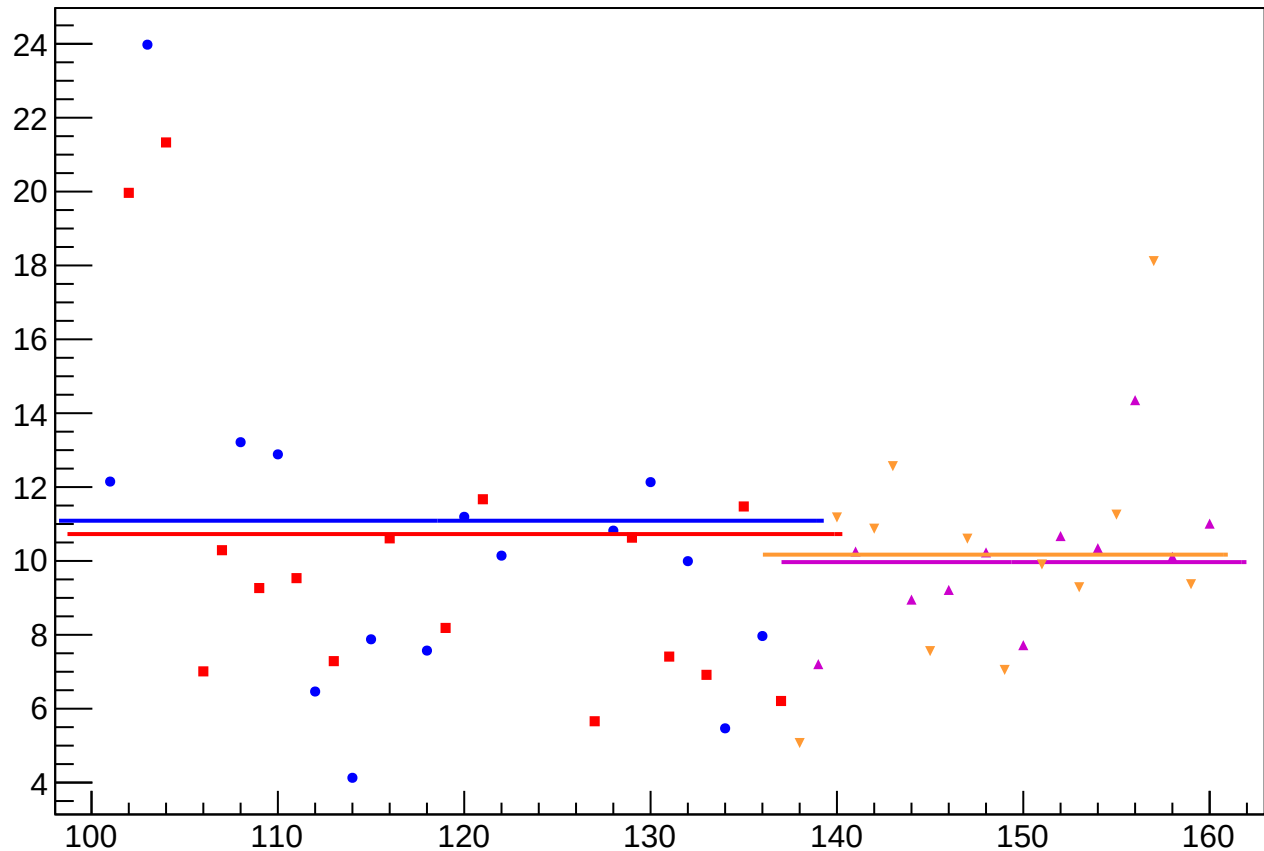
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613 ± 0.000 $\chi^2/\text{NDF}: 2661280785384633207096106229474263040.0/14$
 Left Out: -408.794 ± 0.000 $\chi^2/\text{NDF}: 3366573213961692909439105040404971520.0/11$
 Right Out: -394.973 ± 0.000 $\chi^2/\text{NDF}: 3685595513427183501596165280874102784.0/15$
 Left In: -433.664 ± 0.000 $\chi^2/\text{NDF}: 1198237421385461104687495484599697408.0/10$

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

Left Out: 10.171 $\pm$ 0.000 χ^2 /NDF: 9089684940831859823552687731900416.0/11

Right Out: 10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

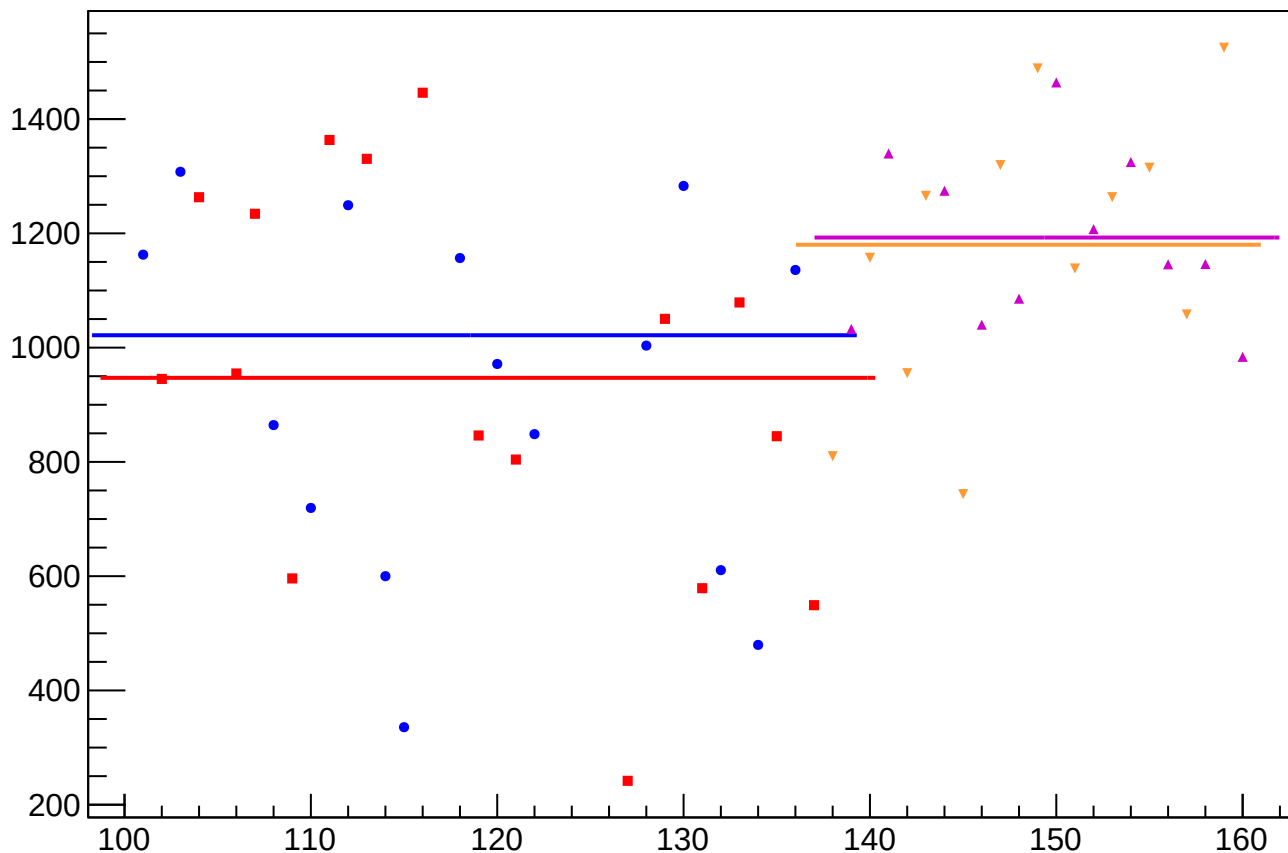
Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

All: 10.418 $\pm$ 0.000 χ^2 /NDF: 4159719349794

+ sign 10.552 $\pm$ 0.000 χ^2 /NDF: 2364557431902666

- sign 10.287 $\pm$ 0.000 χ^2 /NDF: 1789615499240610

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

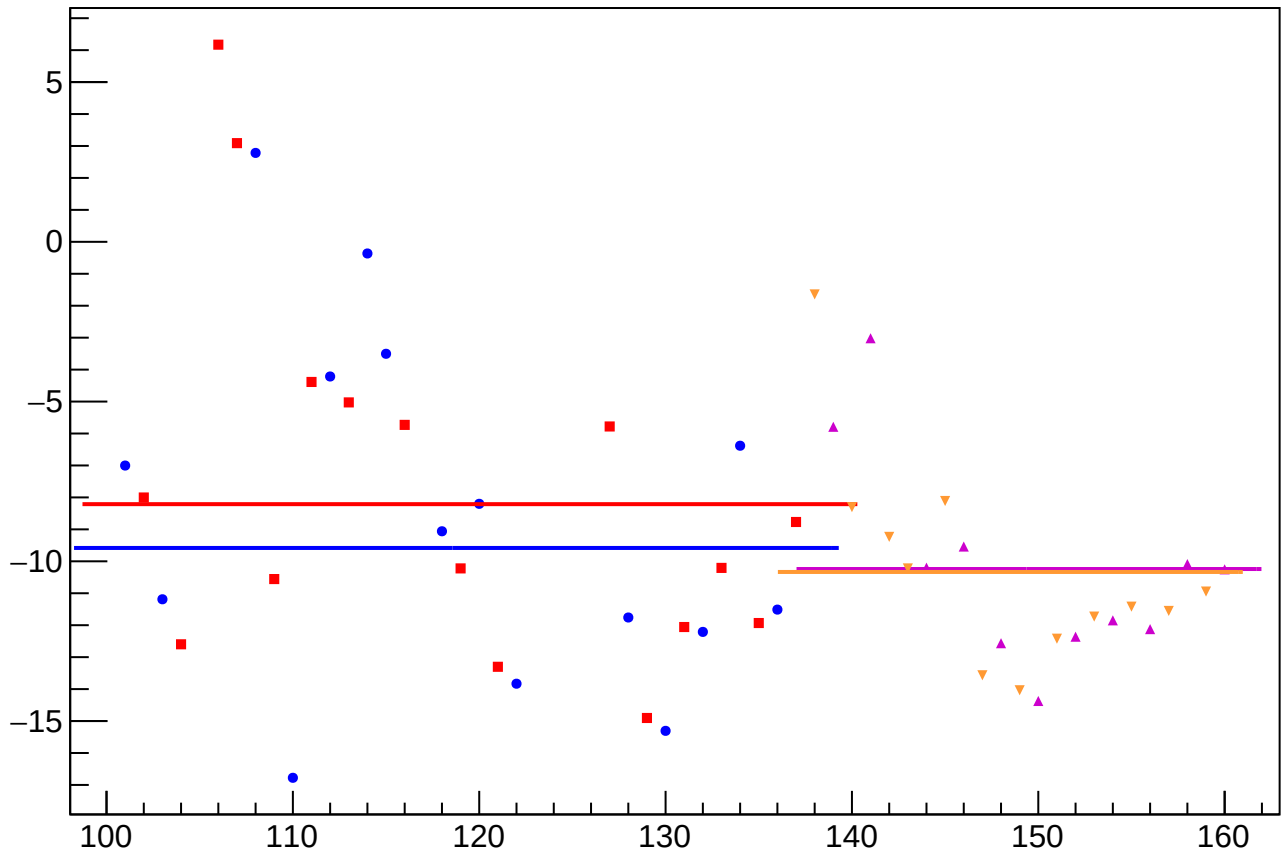
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

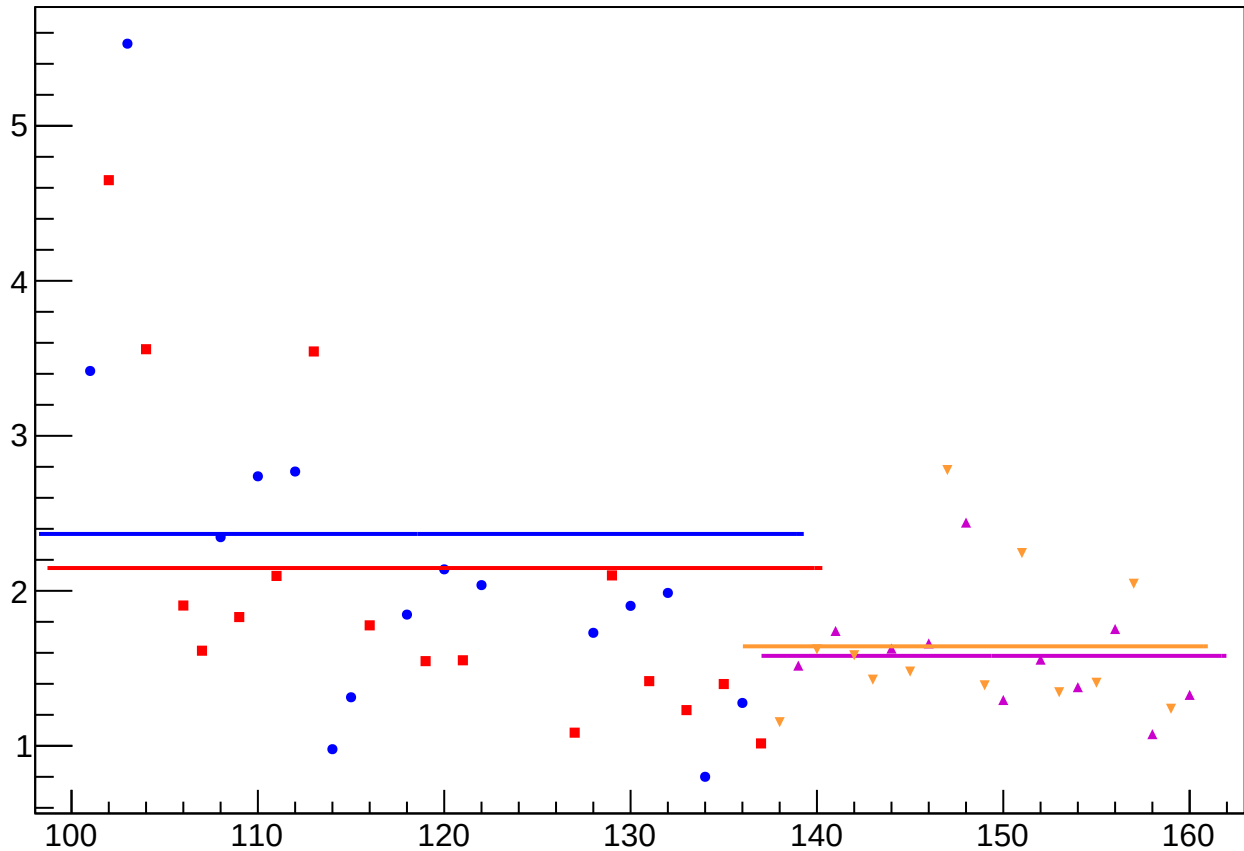
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_4aY_coil7_mean vs Slug



Right In: -9.582 $\pm$ 0.000 χ^2 /NDF: 14702679983940002820806471963377664.0/14
 Left Out: -10.333 $\pm$ 0.000 χ^2 /NDF: 9377692425026365375047041474887680.0/11
 Right Out: -8.211 $\pm$ 0.000 χ^2 /NDF: 18304237293835961465605754204454912.0/15
 Left In: -10.241 $\pm$ 0.000 χ^2 /NDF: 8992829088408430483485977772818432.0/10

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 195842148226043527039909915262976.0/11

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

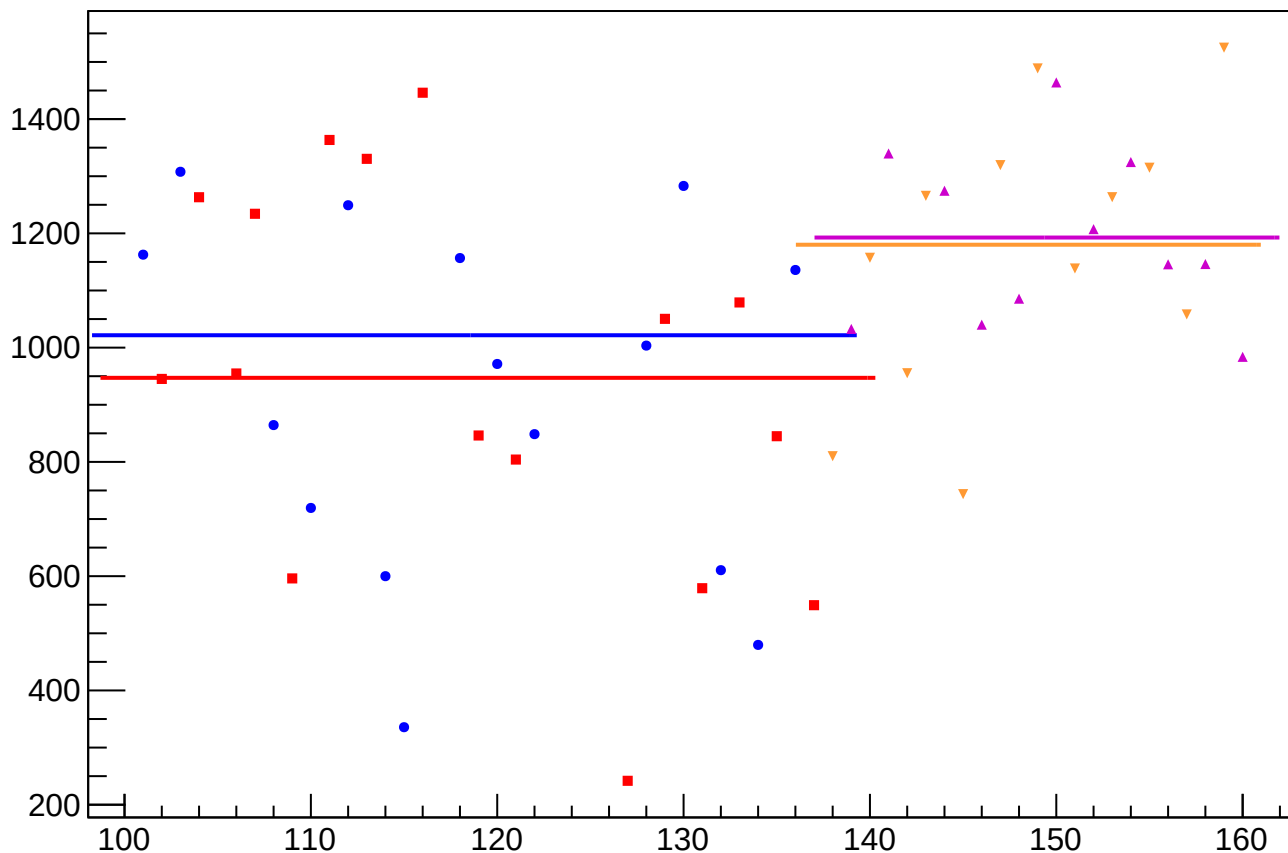
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ sign 1.943 $\pm$ 0.000 χ^2 /NDF: 13159834417677760

All: 1.880 $\pm$ 0.000 χ^2 /NDF: 23210295231068

- sign 1.818 $\pm$ 0.000 χ^2 /NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

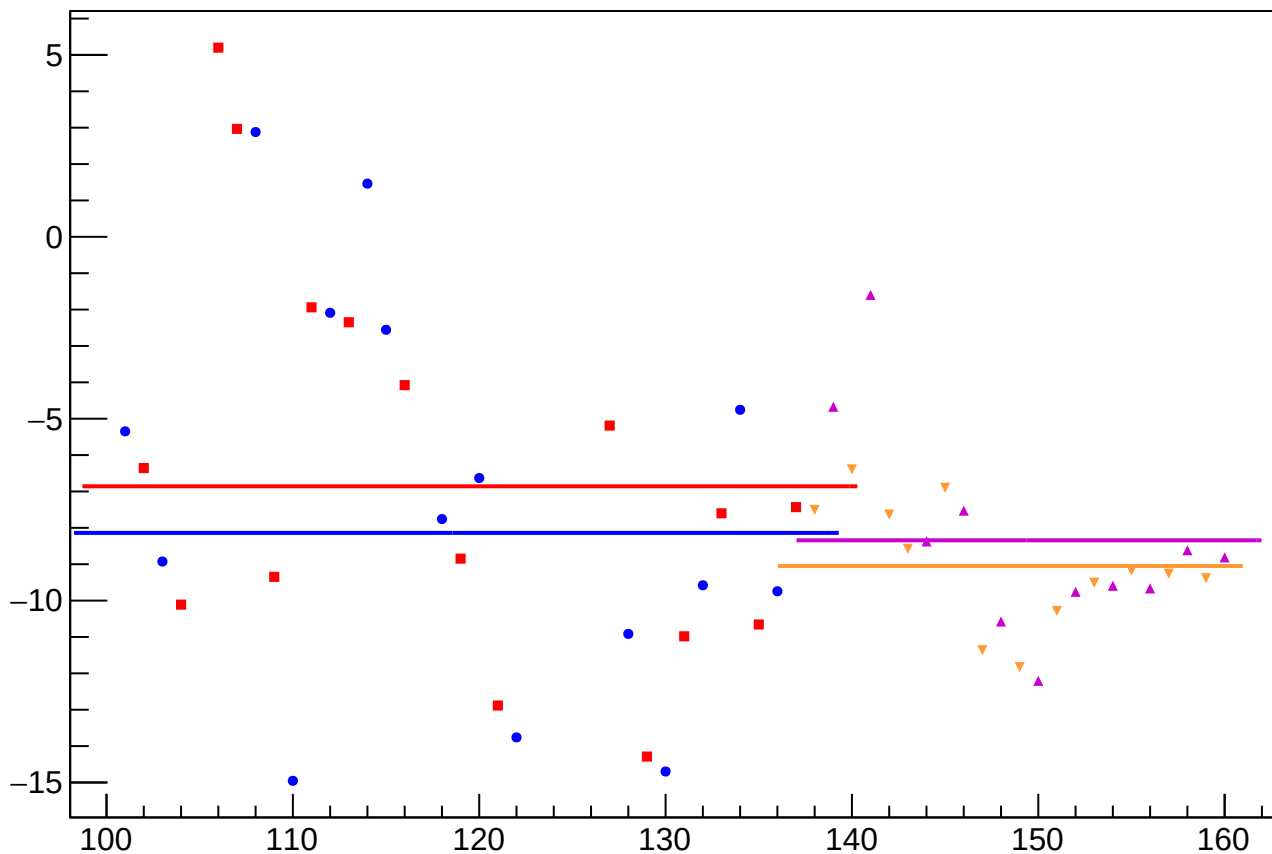
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -9.049 ± 0.000 χ^2/NDF : 2449058506184839792133889501167616.0/11

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

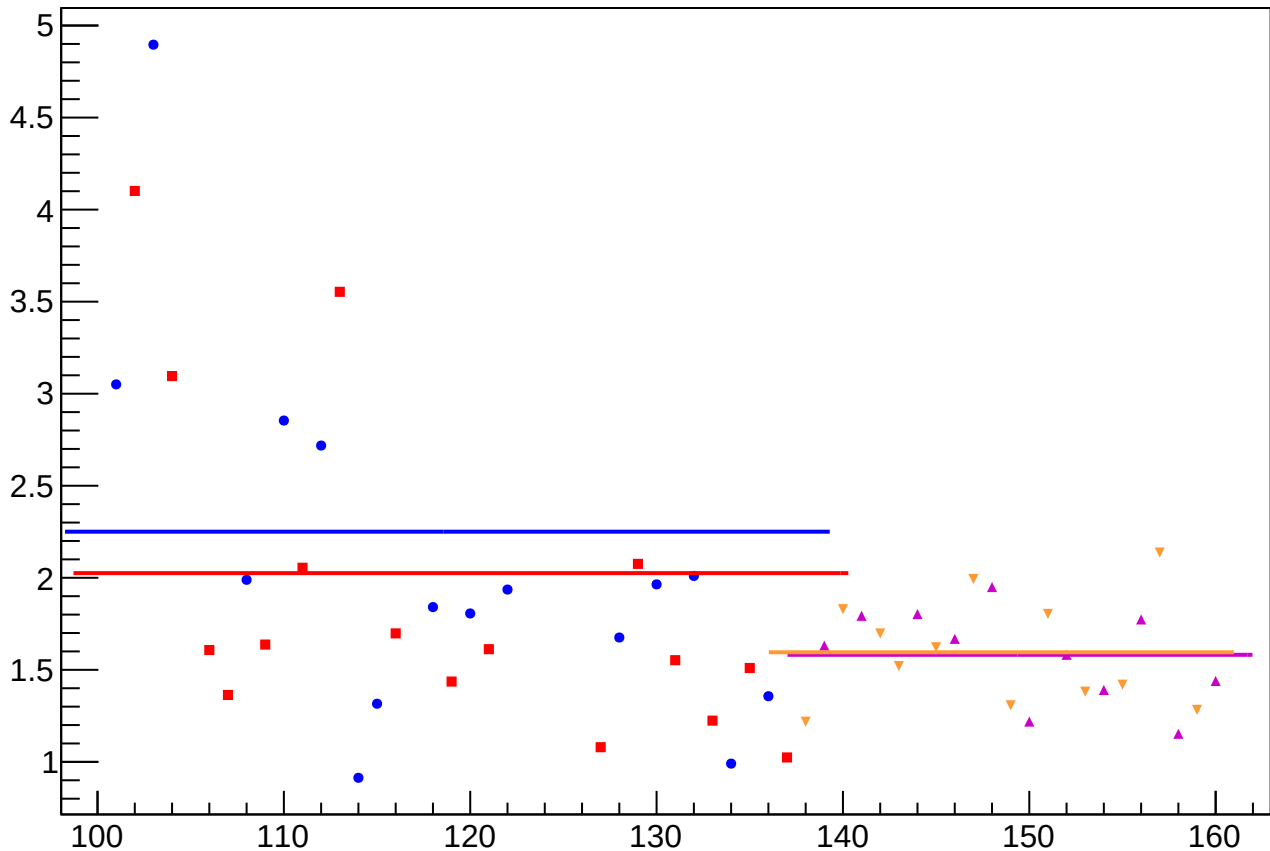
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.671 ± 0.000 χ^2/NDF : 1743954297052969

All: -8.191 ± 0.000 χ^2/NDF : 4275682258895

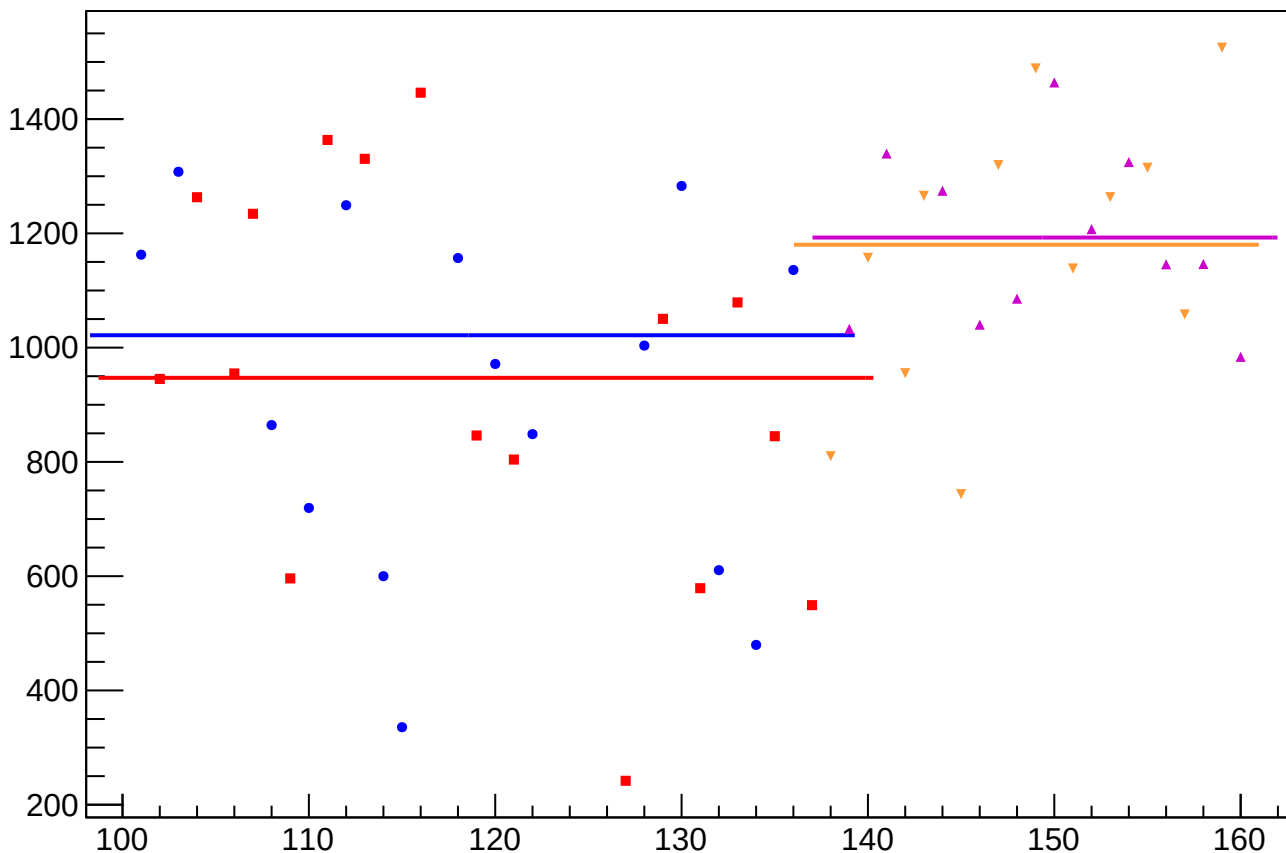
- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.595 ± 0.000 χ^2/NDF : 76549213292208781148545230045184.0/11
 Right Out: 2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10
 All: 1.817 ± 0.000 χ^2/NDF : 16139323147650
 + sign 1.867 ± 0.000 χ^2/NDF : 89616849039259009
 - sign 1.768 ± 0.000 χ^2/NDF : 70992647799477177

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

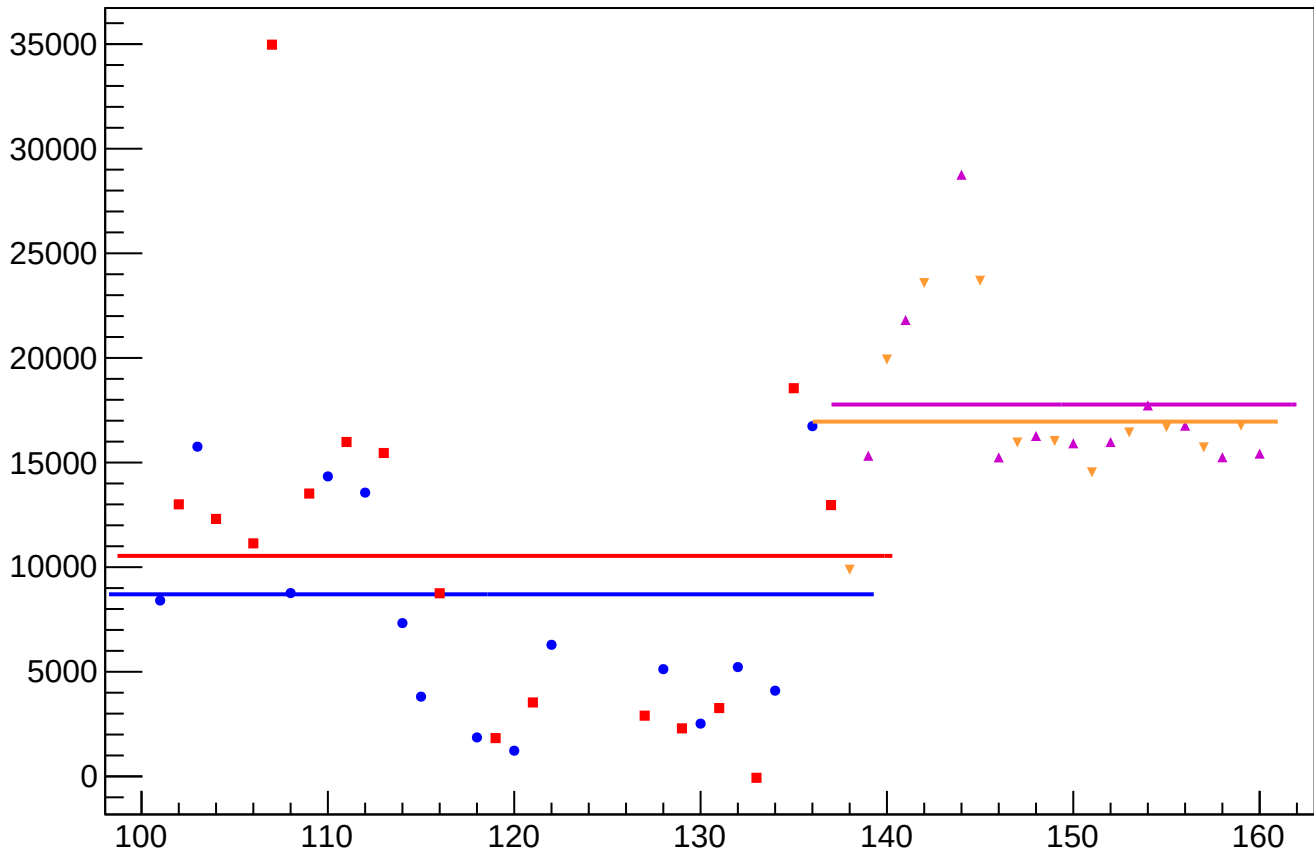
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

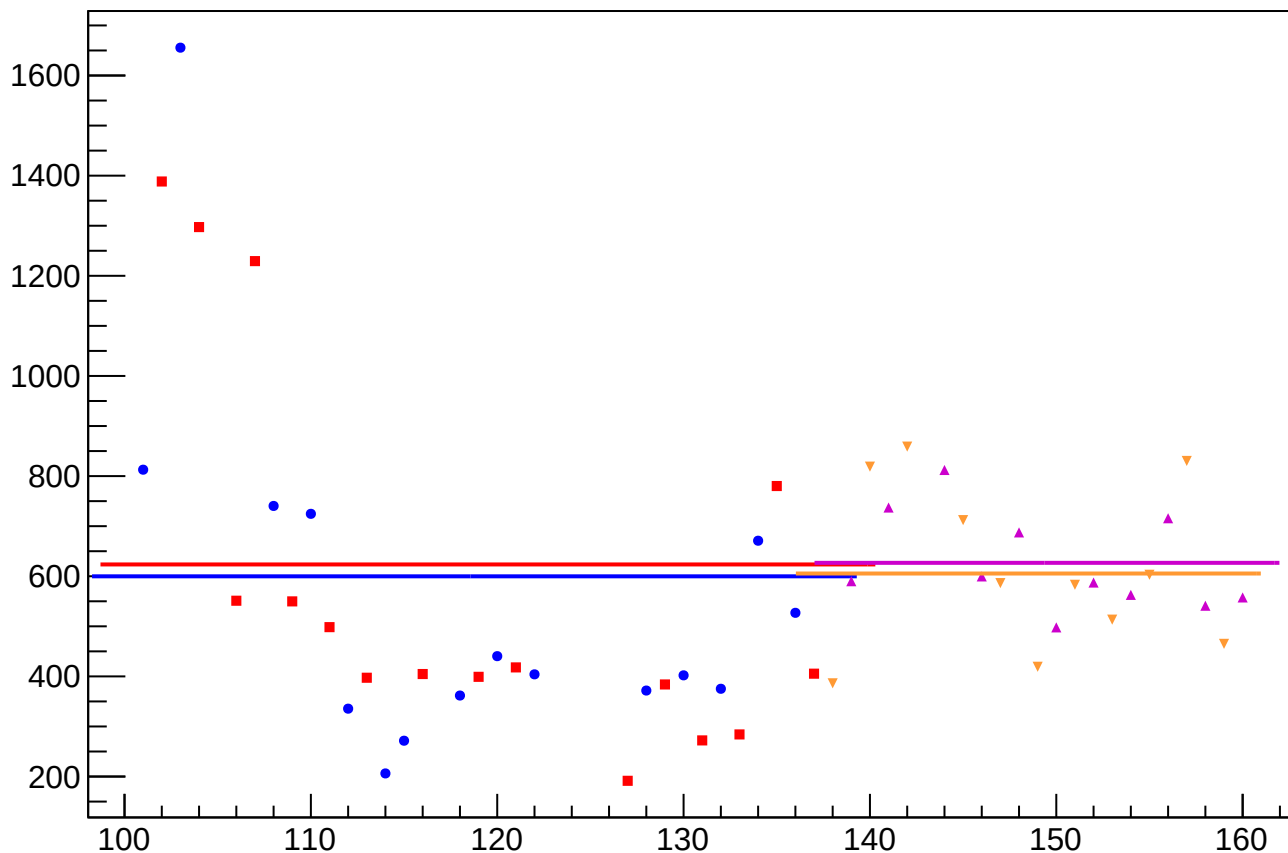
dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000	χ^2/NDF : 19501133067308426859536304500819191922688.0/14
Left Out: 16957.575+/-0.000	χ^2/NDF : 10938008625550561770285254297697243889664.0/10
Right Out: 10539.327+/-0.000	χ^2/NDF : 46226684227836109273394062569753758662656.0/15
Left In: 17773.103+/-0.000	χ^2/NDF : 14926066991142889452676587552618632445952.0/10

+ sign 13376.690+/-0.000 χ^2/NDF : 5547433572288
 All: 14079.562+/-0.000 χ^2/NDF : 1383312786
 - sign 14740.464+/-0.000 χ^2/NDF : 8142294021651

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 605.454+/-0.000 χ^2/NDF : 20600036696576889686488913862706855936.0/10

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

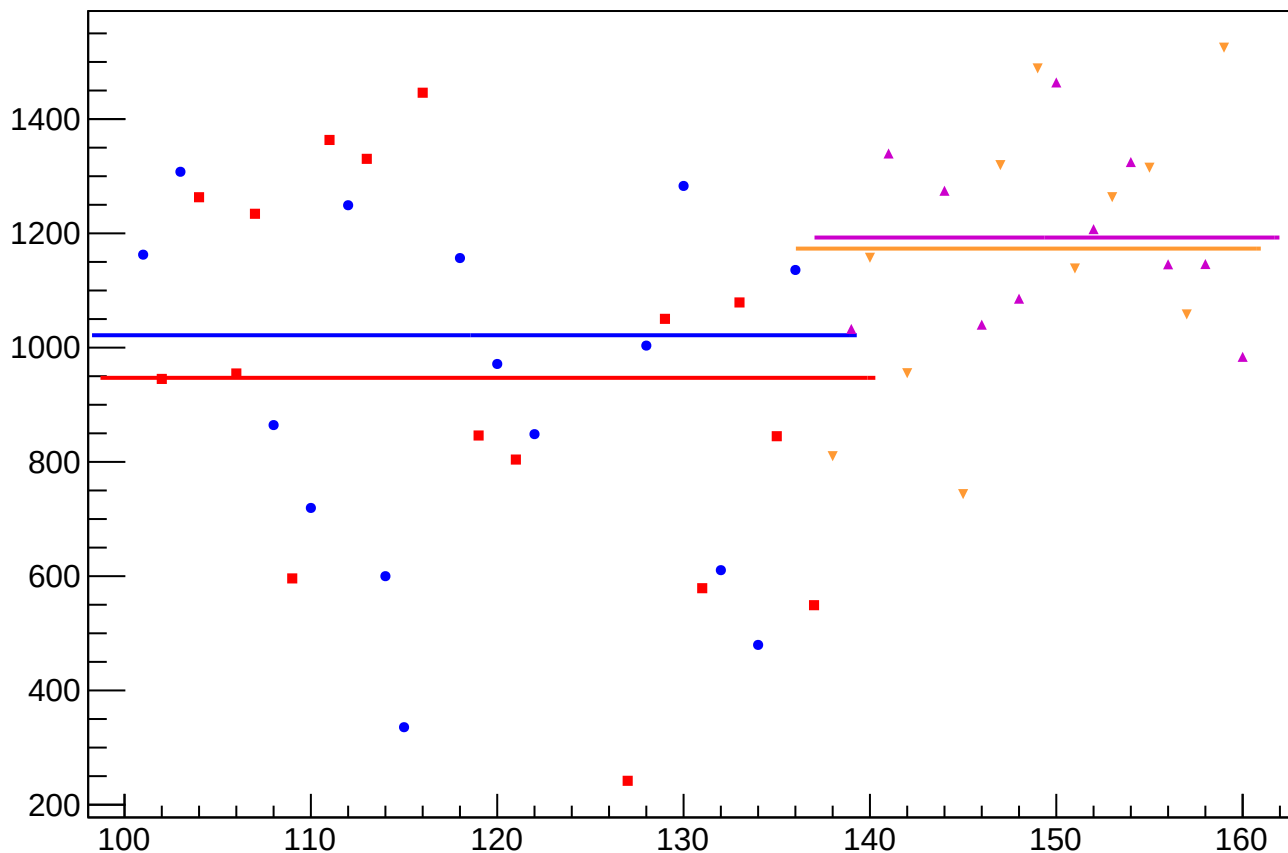
Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

All: 614.575+/-0.000 χ^2/NDF : 219881740645

+ sign 603.023+/-0.000 χ^2/NDF : 109870540550335

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1173.334+/-0.000 χ^2/NDF : 50259225692125439679244442751924699136.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

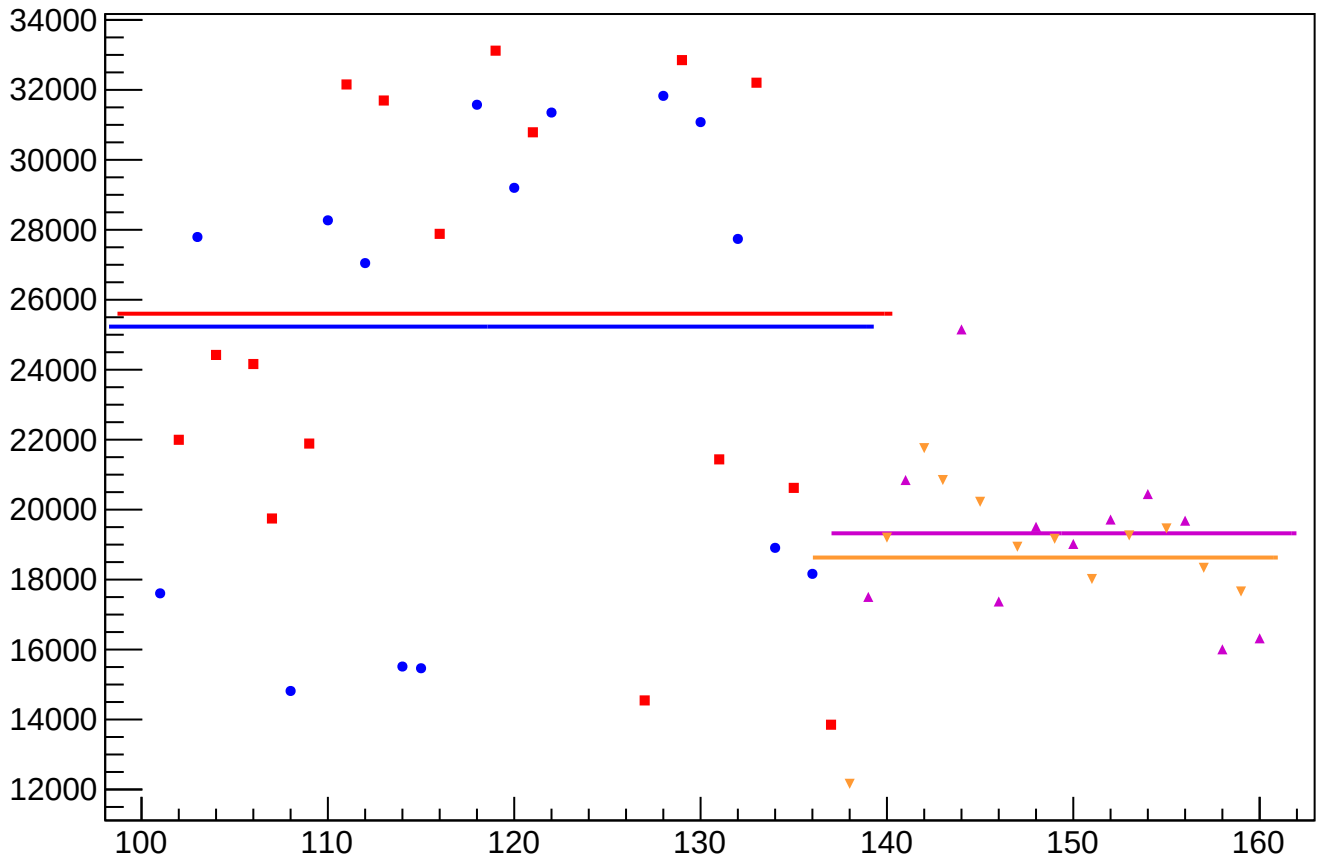
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1107.545+/-0.000 χ^2/NDF : 99202805471874

All: 1098.373+/-0.000 χ^2/NDF : 20984187795

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

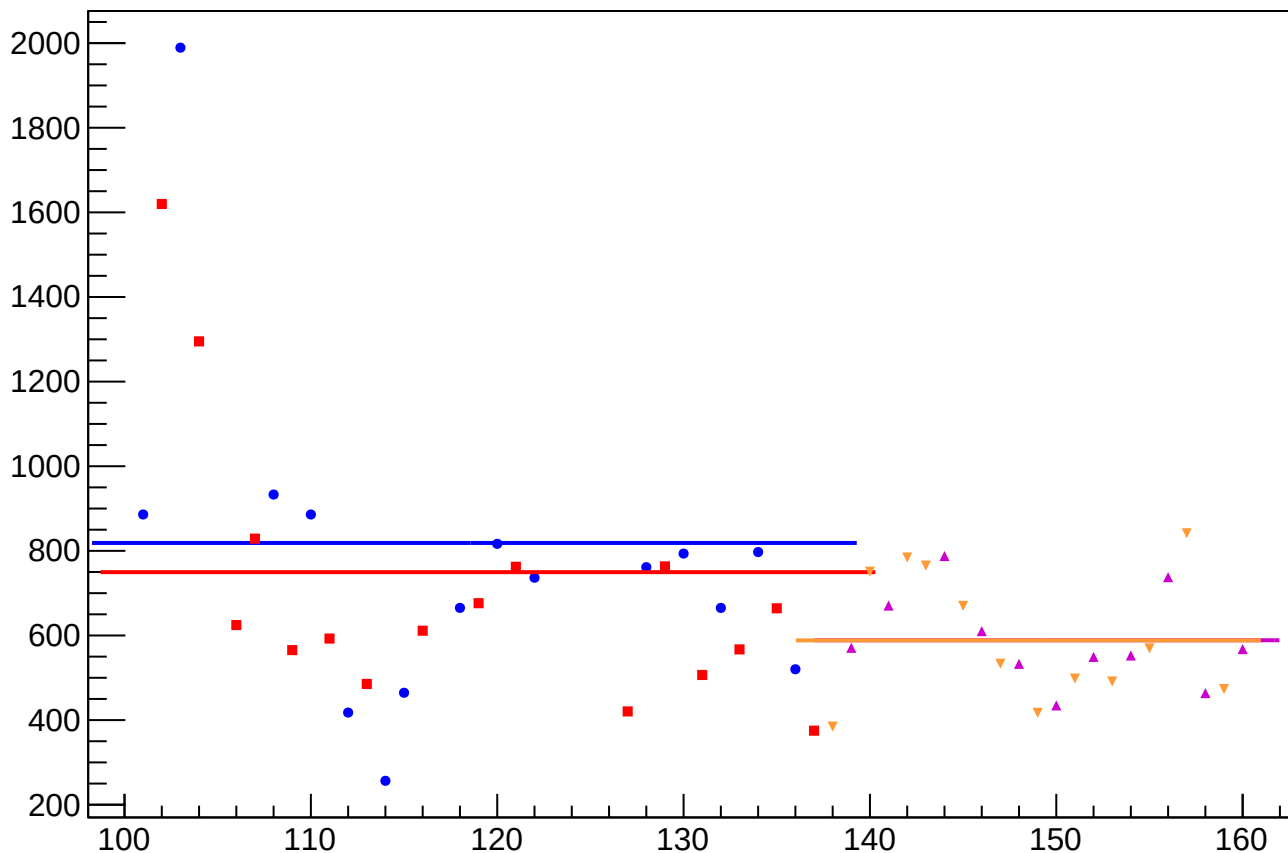
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18630.609+/-0.000	χ^2/NDF : 4499157177792733453337123782201790431232.0/11
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 19322.974+/-0.000	χ^2/NDF : 5509841990831420617123513924011035721728.0/10

+ sign 21371.781+/-0.000 χ^2/NDF : 4557364101800.0/11
 All: 21666.026+/-0.000 χ^2/NDF : 9098110501.0/15
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175.0/11

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

+ sign 684.008+/-0.000 χ^2/NDF : 145791569069388

Left Out: 588.391+/-0.000 χ^2/NDF : 20060197377989114991296665666078113792.0/11

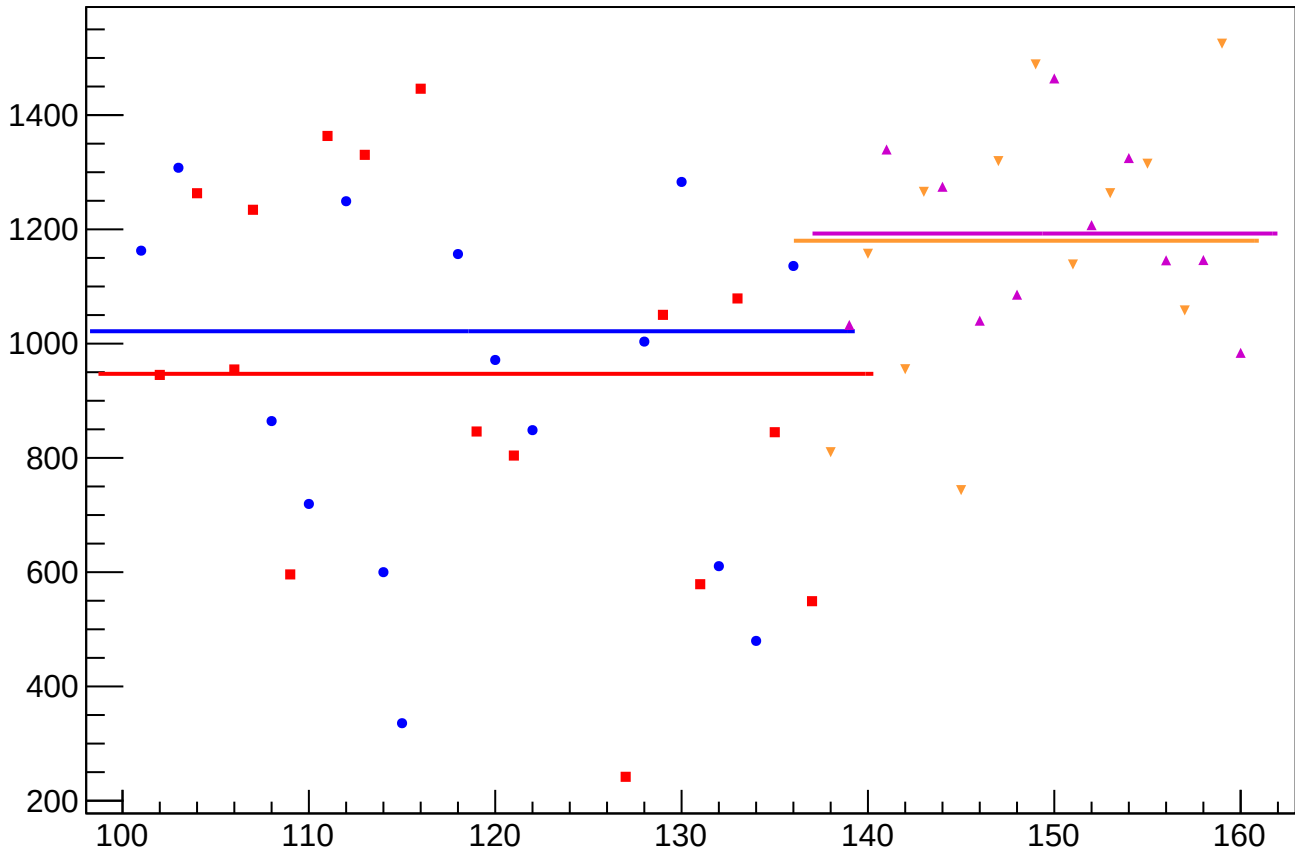
All: 669.969+/-0.000 χ^2/NDF : 244316509040

Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

- sign 656.176+/-0.000 χ^2/NDF : 979142023590546

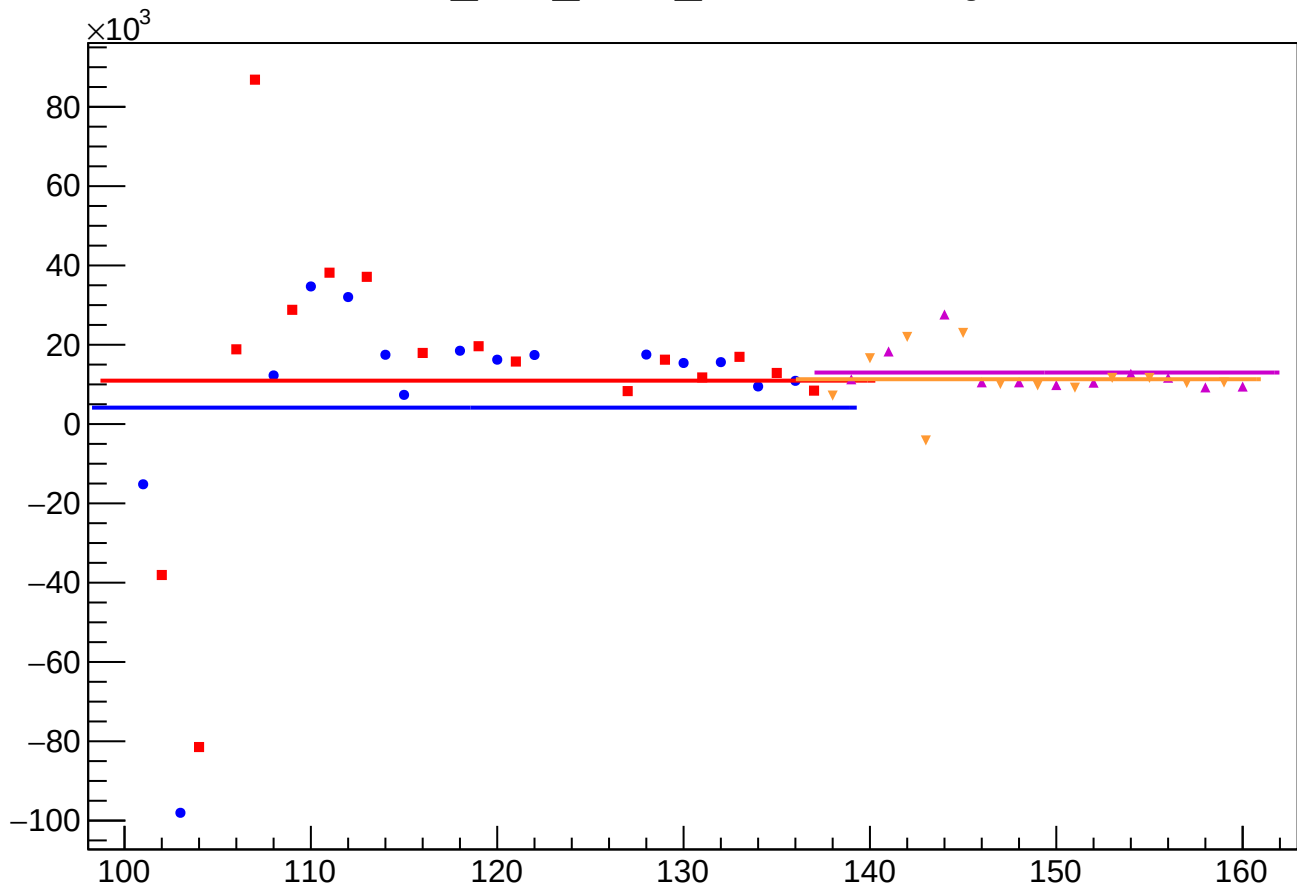
Left In: 588.693+/-0.000 χ^2/NDF : 9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



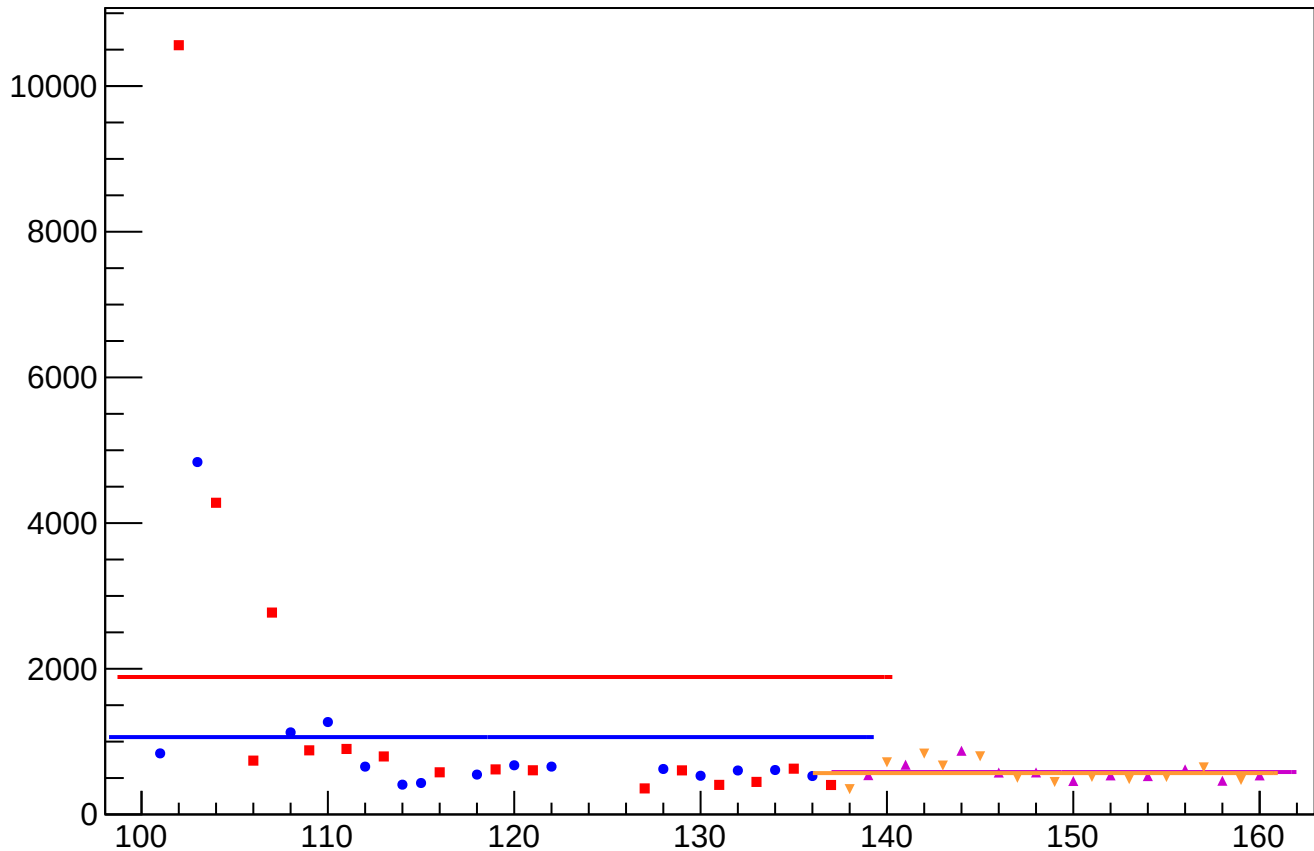
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1114.323+/-0.000	χ^2/NDF : 10080626753263
Left Out: 1180.103+/-0.000	χ^2/NDF : 50788606804690292724539730503787347968.0/11	All: 1101.926+/-0.000	χ^2/NDF : 21167730452
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

dit_atl1_coil7_mean vs Slug



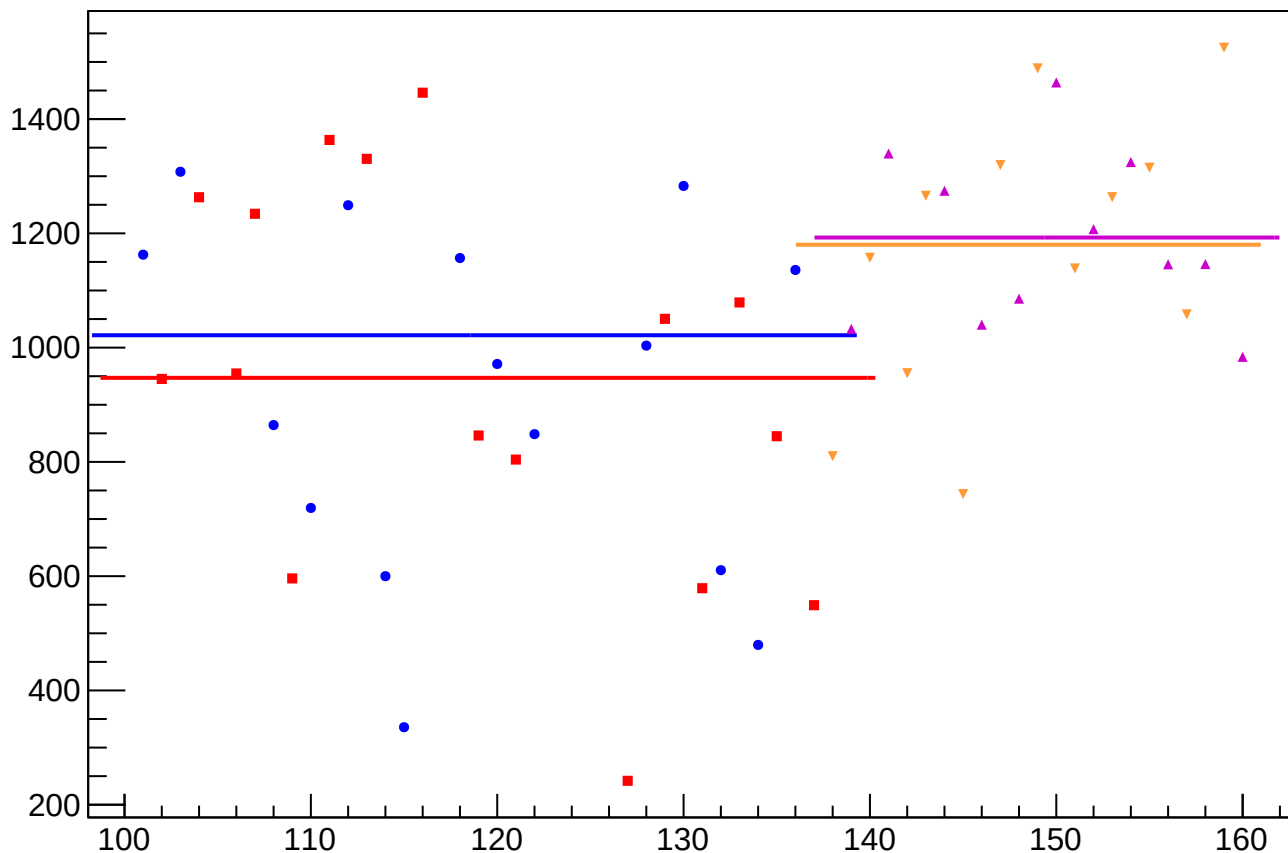
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11307.773 ± 0.000 χ^2/NDF : 36281065862244259787300982388178548686848.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141 $\pm$ 0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 567.733 $\pm$ 0.000 χ^2/NDF : 17522884747687495168010192179255312384.0/11
 Right Out: 1887.077 $\pm$ 0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: 582.413 $\pm$ 0.000 χ^2/NDF : 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

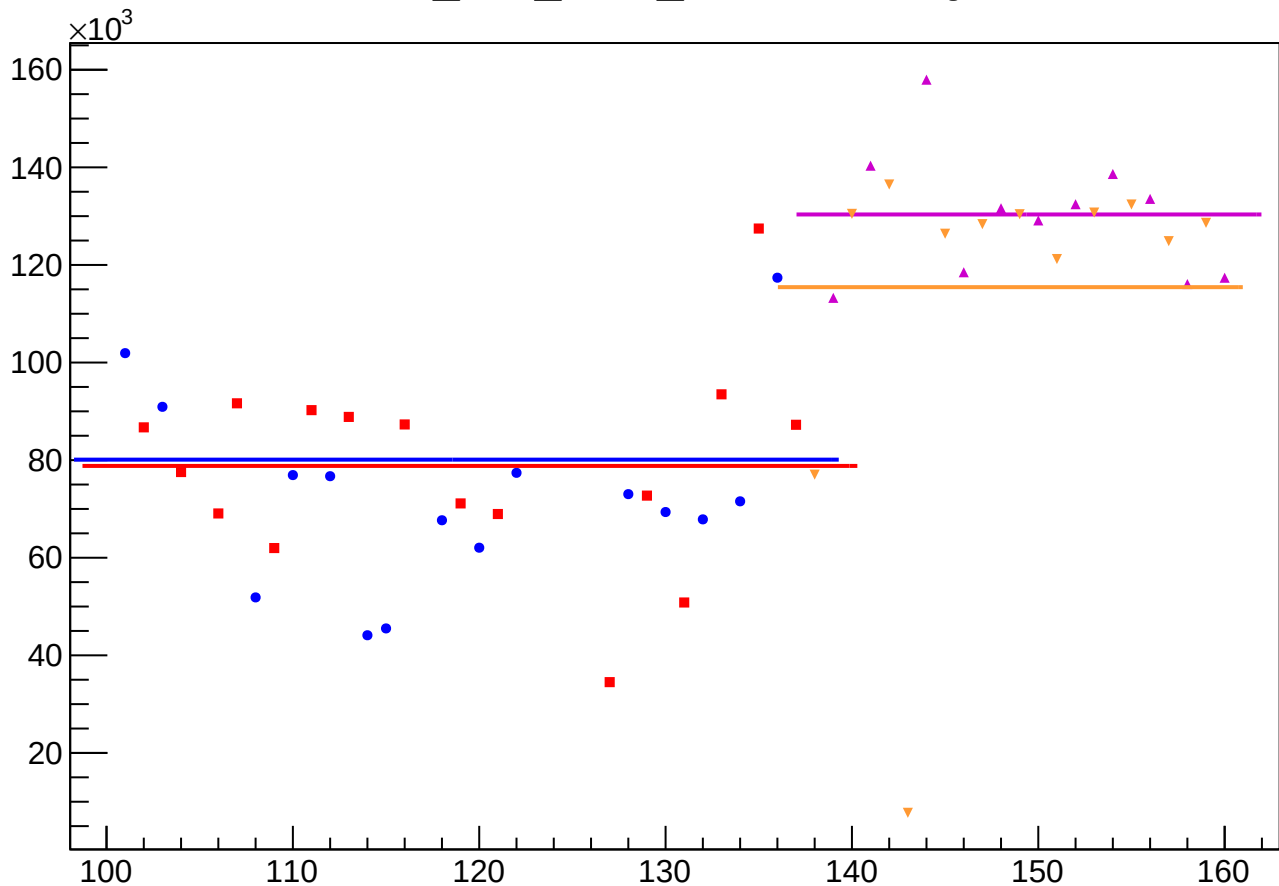
Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

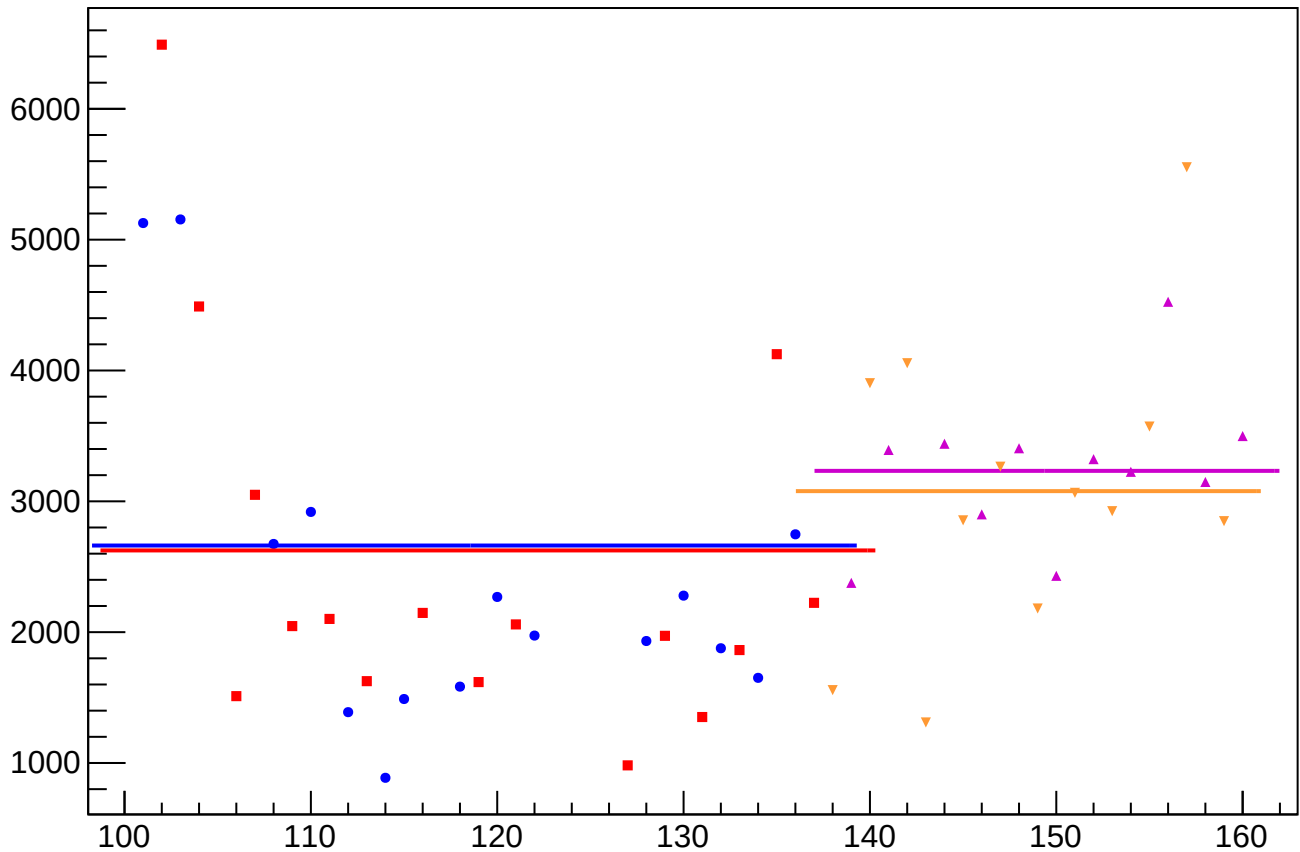
+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263
 All: 1101.926+/-0.000 χ^2/NDF : 21167730452
 - sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atl2_coil7_mean vs Slug



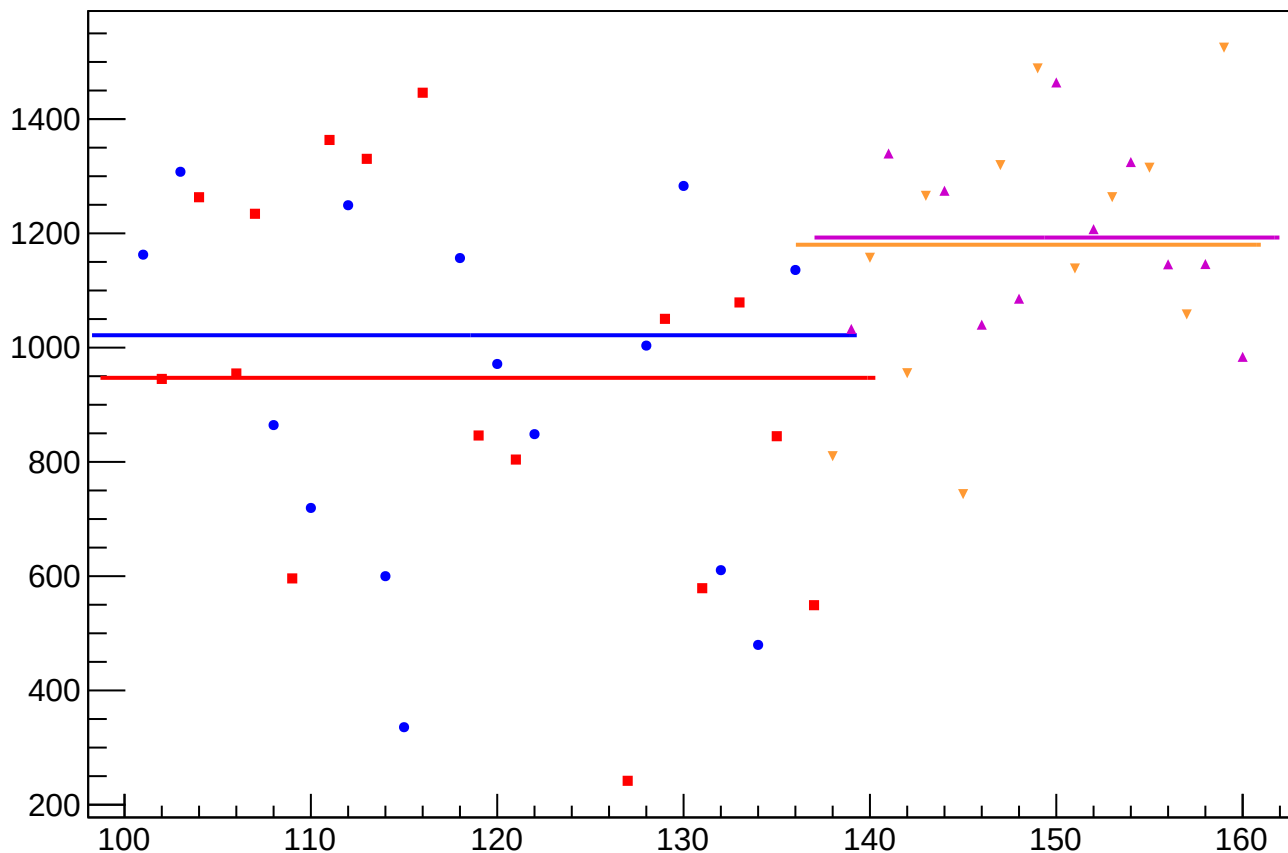
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 115448.893 $\pm$ 0.000 χ^2 /NDF: 1038801657464811255416211206986838896017408.0/11
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 130346.244 $\pm$ 0.000 χ^2 /NDF: 148174871015439819820100459279999278514176.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 3077.945+/-0.000 χ^2/NDF : 1073709891492389198093936322660595138560.0/11
 Right Out: 2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: 3232.879+/-0.000 χ^2/NDF : 275721007613891276741007240283331493888.0/10

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

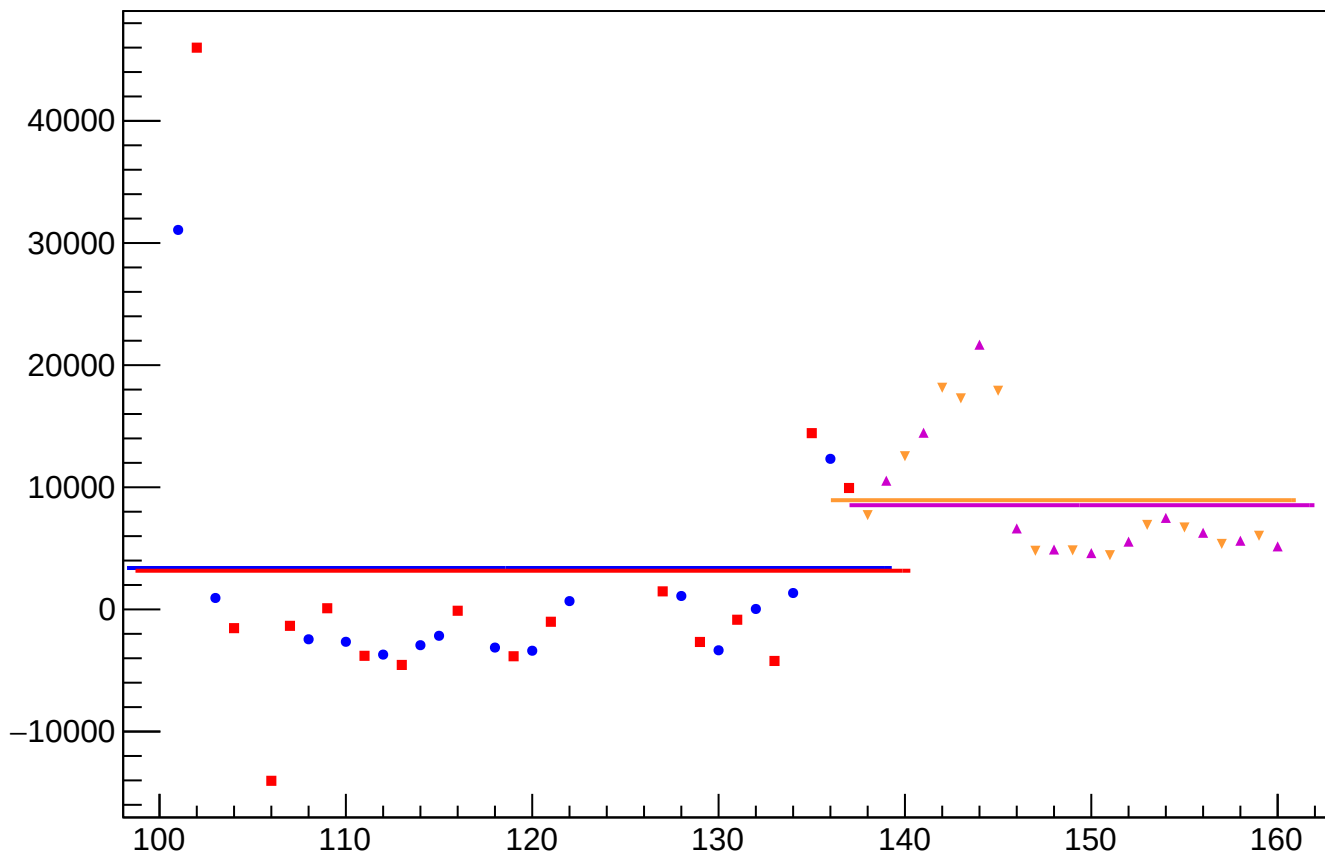
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

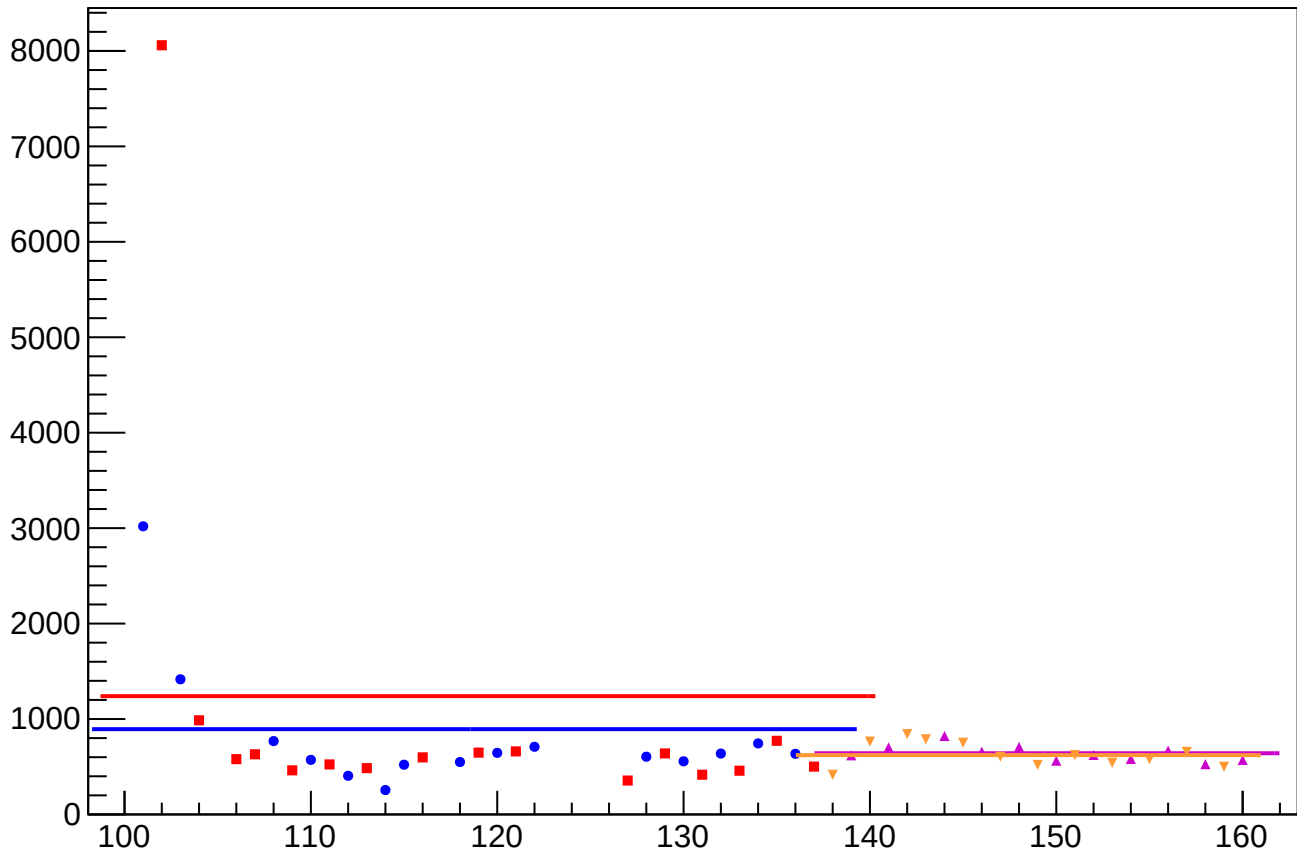
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 8941.712+/-0.000 χ^2/NDF : 22757542723529976862924189628837264359424.0/11
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 8532.821+/-0.000 χ^2/NDF : 24299515949380224586324737558095226470400.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 621.395+/-0.000 χ^2/NDF : 13220761349033595391183034930255888384.0/11

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

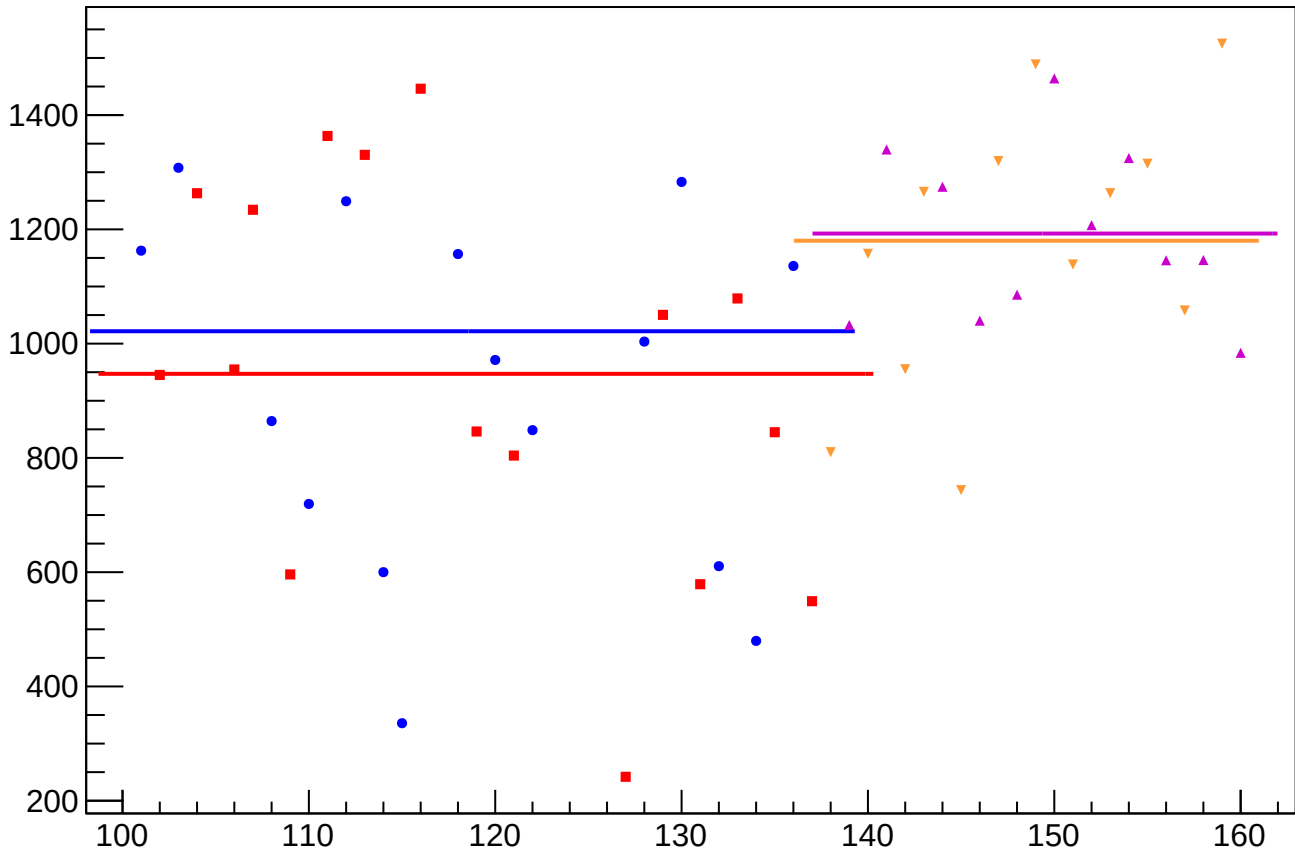
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

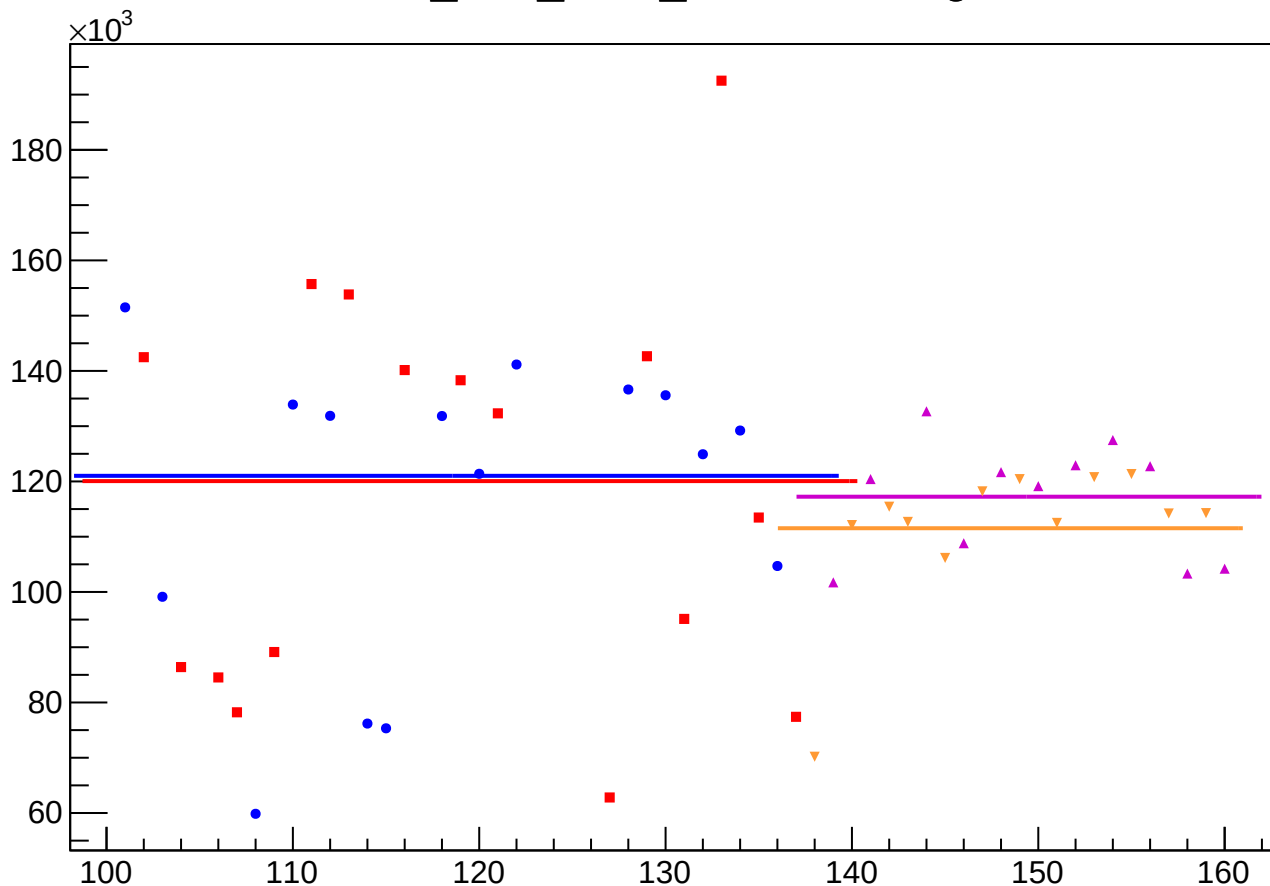
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 6778465601193652151169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_atr2_coil7_mean vs Slug



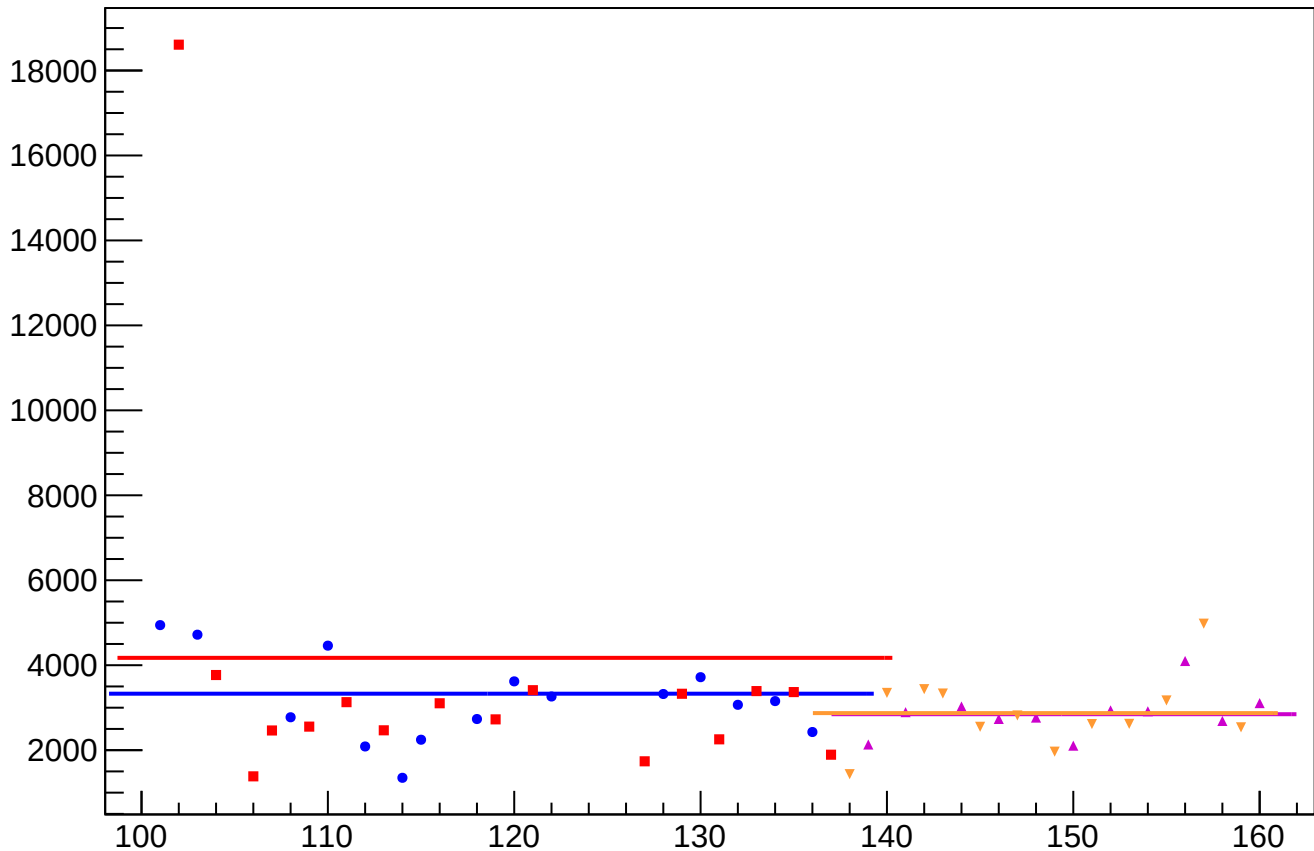
Right In: 121016.482 $\pm$ 0.000	χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
Left Out: 111531.681 $\pm$ 0.000	χ^2 /NDF: 162724299829921950370834246417372913074176.0/11
Right Out: 120060.693 $\pm$ 0.000	χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
Left In: 117237.465 $\pm$ 0.000	χ^2 /NDF: 92299527706158063096544434206678792011776.0/10

+ sign 115470.027 $\pm$ 0.000 χ^2 /NDF: 555580110243

All: 116958.641 $\pm$ 0.000 χ^2 /NDF: 148625317

- sign 118421.056 $\pm$ 0.000 χ^2 /NDF: 923806900564

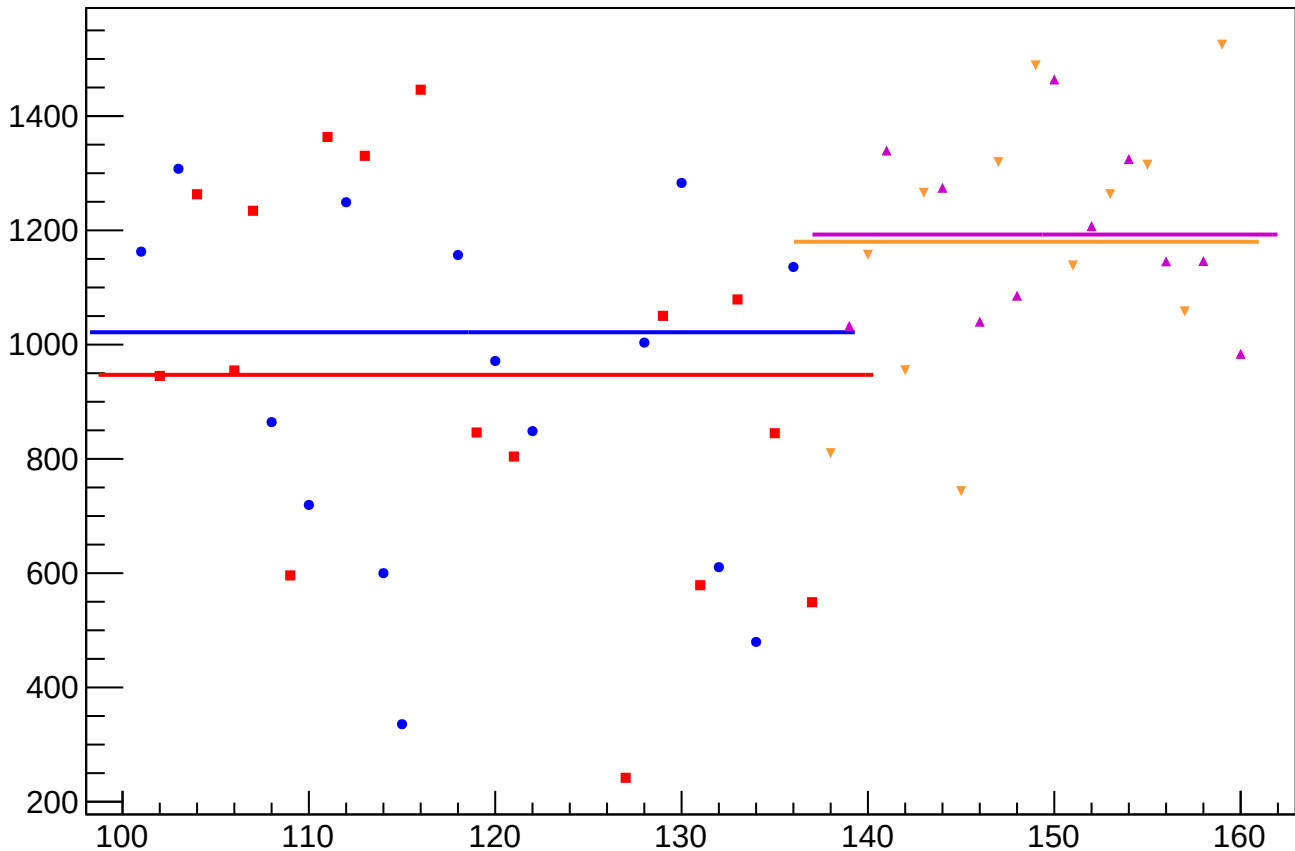
dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567+/-0.000 χ^2/NDF : 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559+/-0.000 χ^2/NDF : 229557109736682123603885764134616170496.0/10

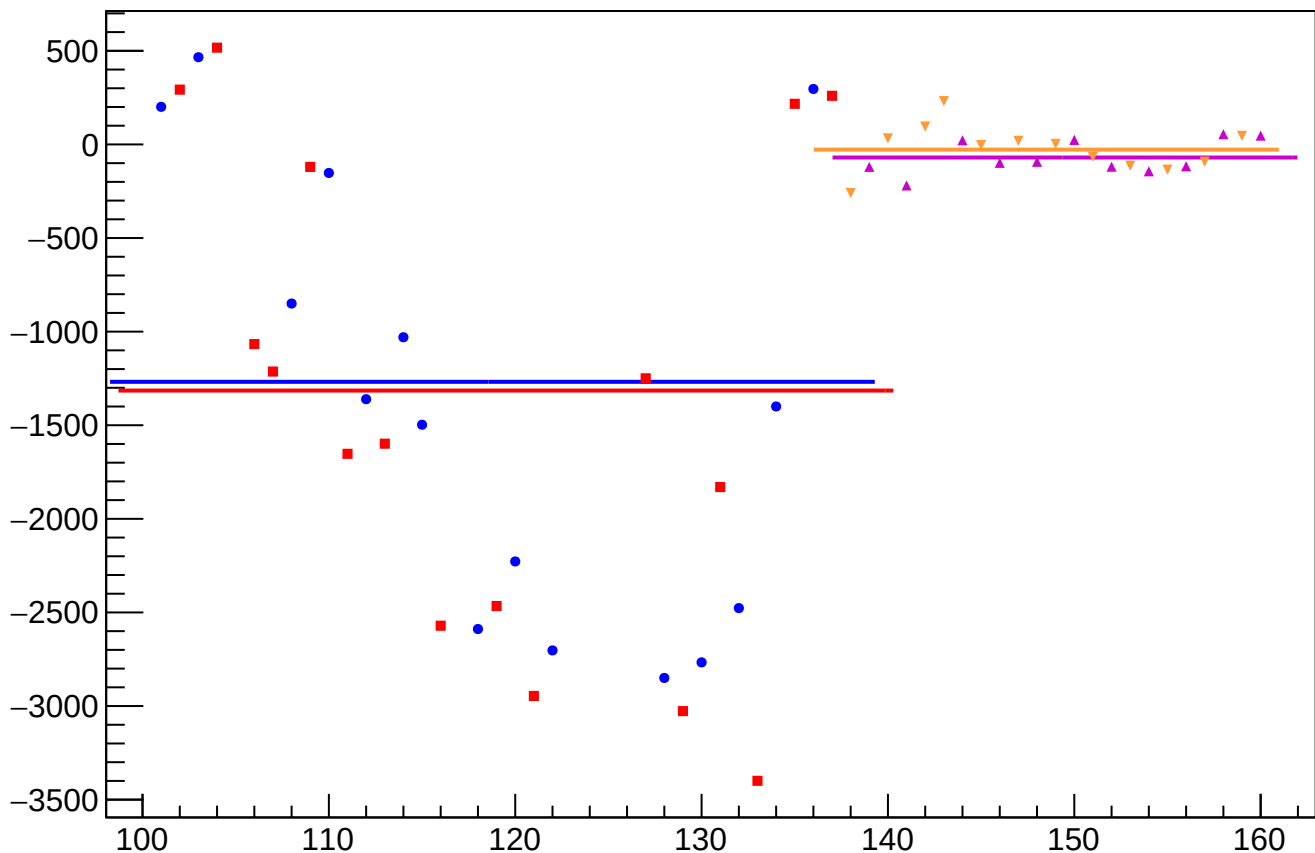
+ sign 3062.293+/-0.000 χ^2/NDF : 13091528183331
 All: 3234.072+/-0.000 χ^2/NDF : 15810392876
 - sign 3402.829+/-0.000 χ^2/NDF : 14409809055061

dit_atr2_coil7_Ndata_mean vs Slug



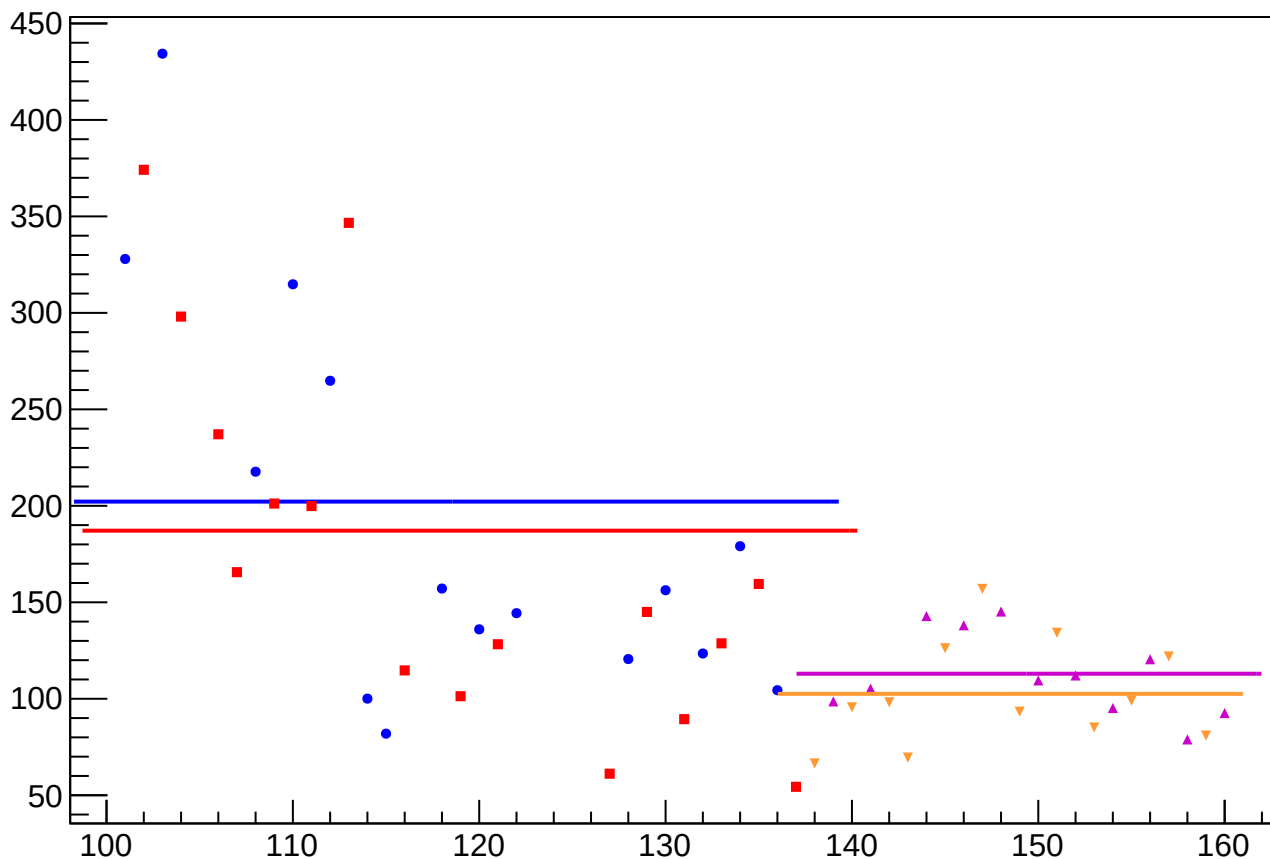
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061 ± 0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Left Out: -27.745 ± 0.000 χ^2/NDF : 12401866293776389782406733193877127168.0/11
 Right Out: -1314.767 ± 0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Left In: -69.887 ± 0.000 χ^2/NDF : 6896729055106095492675290775544659968.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191 $\pm$ 0.000 χ^2 /NDF: 7027941052752849066369040650615128064.0/14

Left Out: 102.547 $\pm$ 0.000 χ^2 /NDF: 631914374783938330949359707000668160.0/11

Right Out: 187.126 $\pm$ 0.000 χ^2 /NDF: 6230029491605524746936515809941389312.0/15

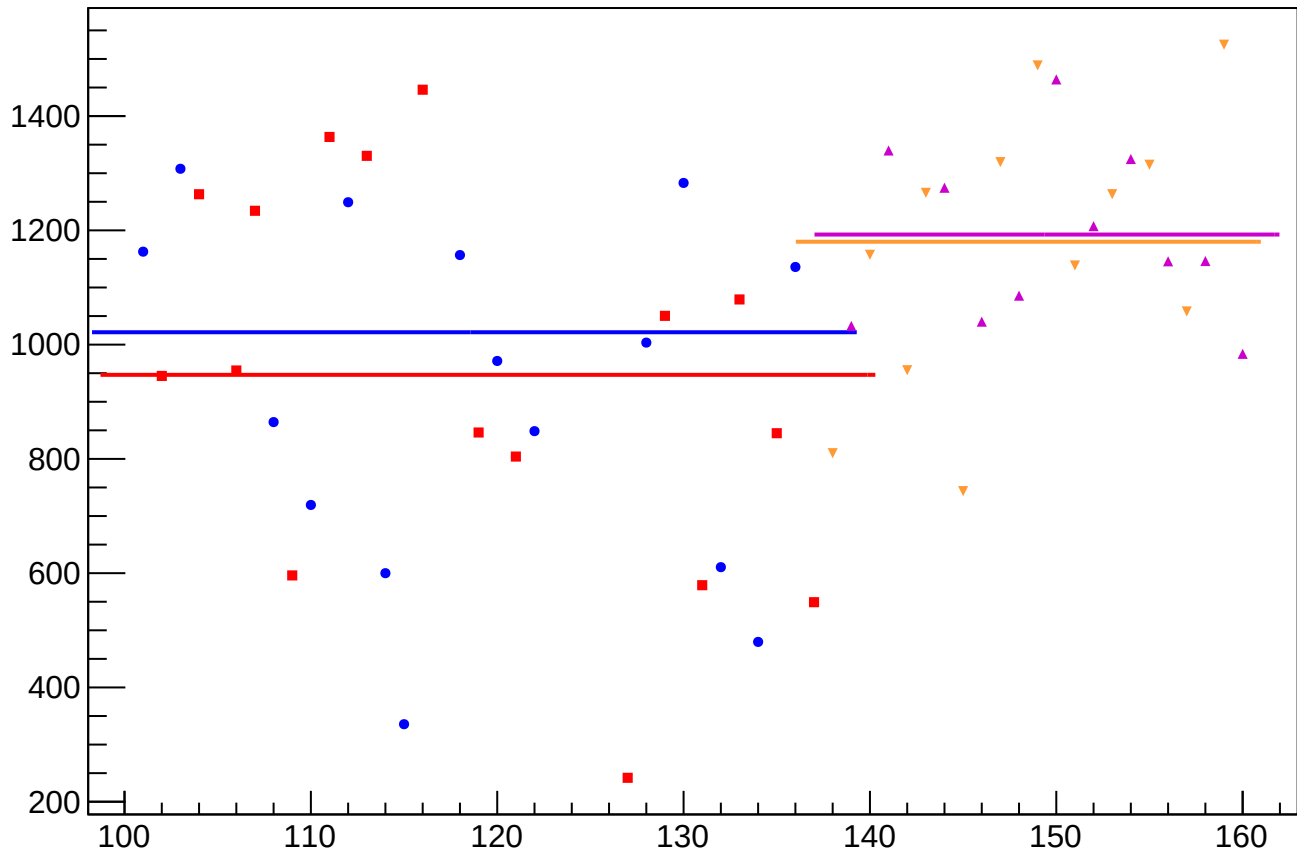
Left In: 112.981 $\pm$ 0.000 χ^2 /NDF: 399082569166702797505998561799569408.0/10

+ sign 143.922 $\pm$ 0.000 χ^2 /NDF: 114280634979740

All: 143.994 $\pm$ 0.000 χ^2 /NDF: 20186723766

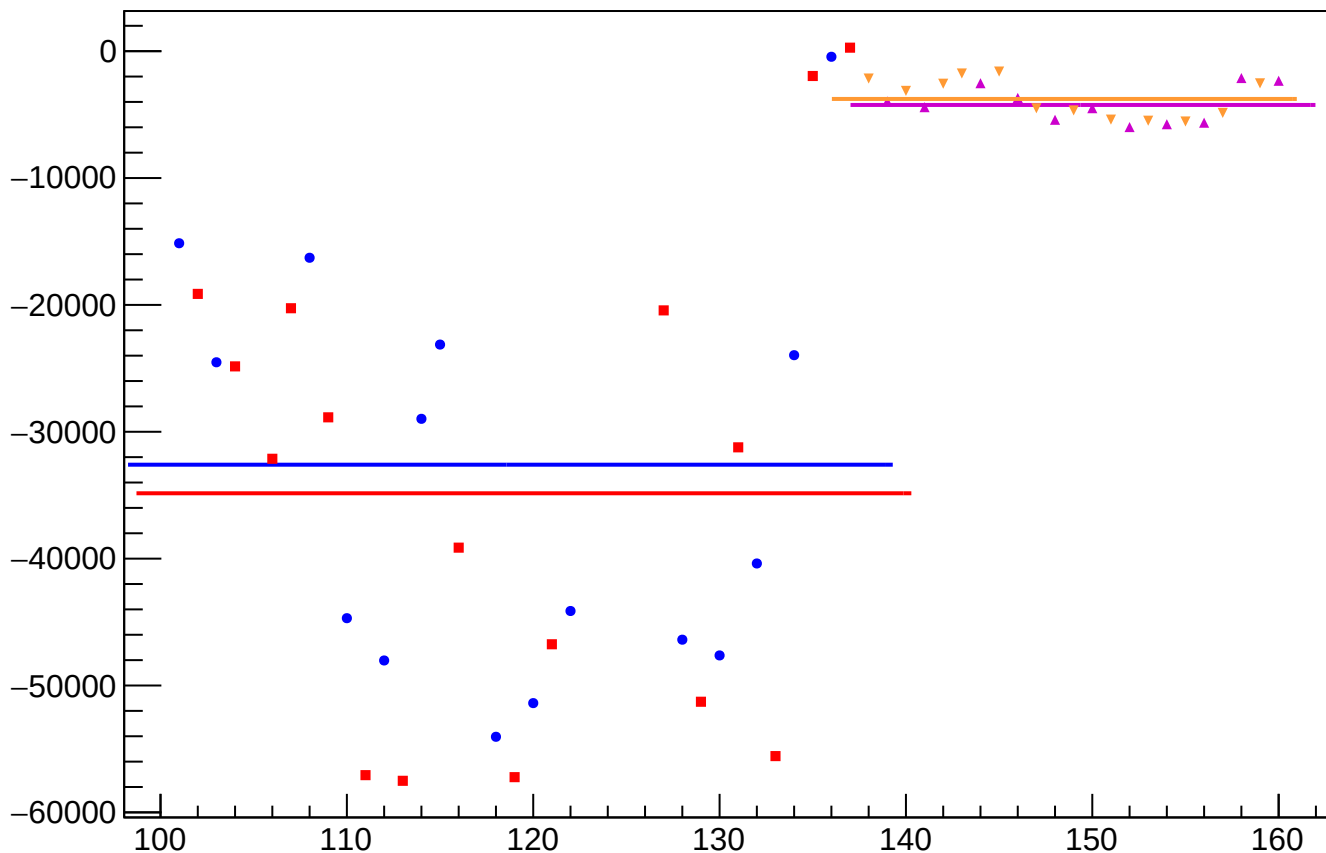
- sign 144.065 $\pm$ 0.000 χ^2 /NDF: 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



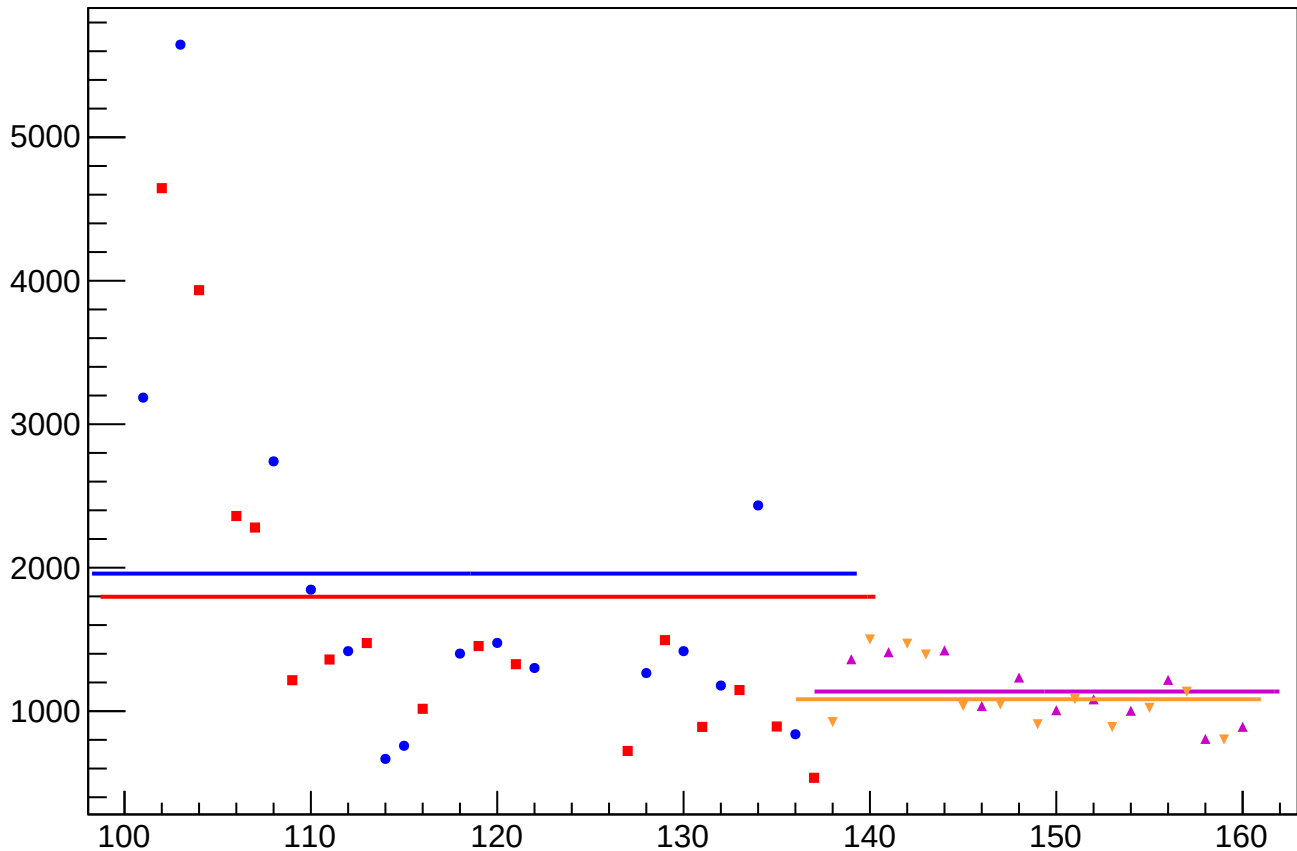
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam2_coil7_mean vs Slug



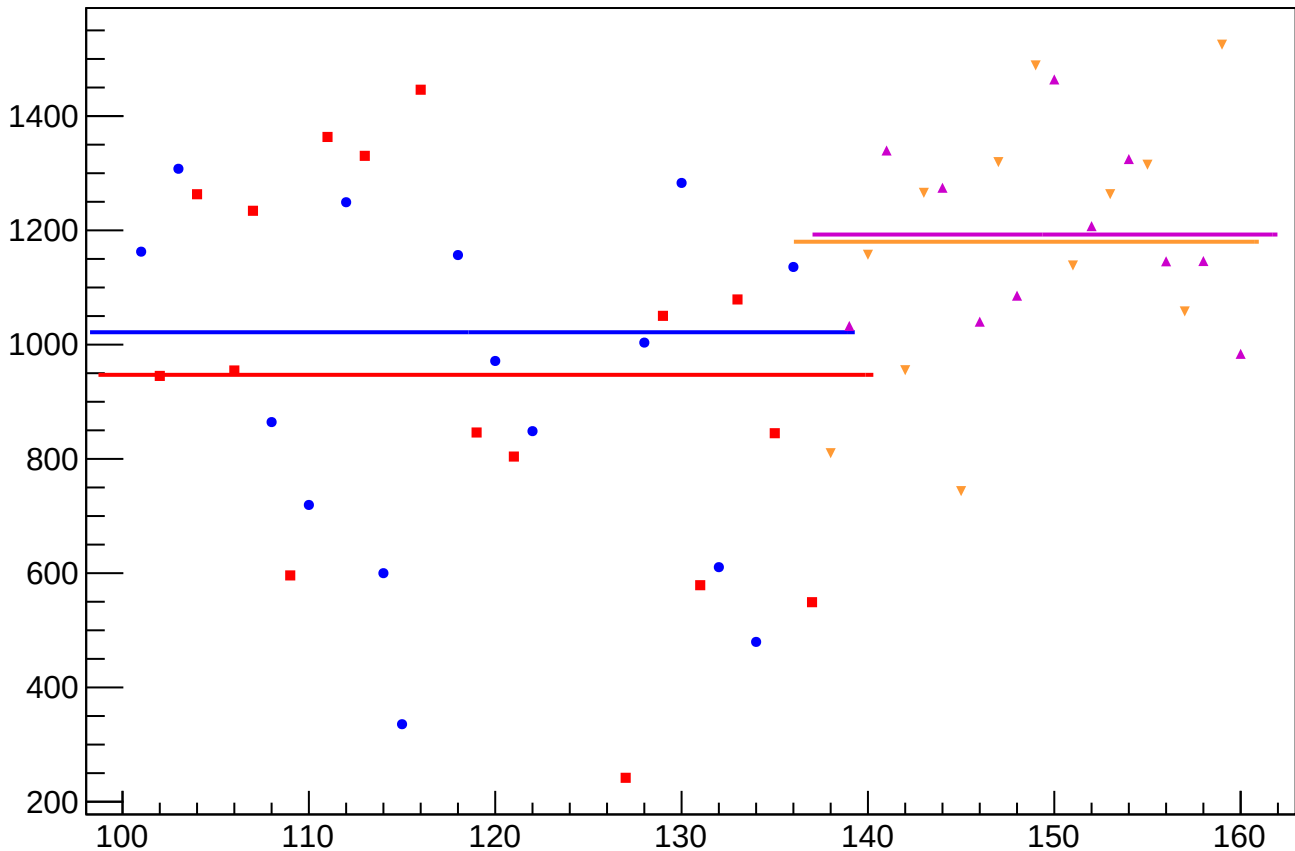
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3764.764 ± 0.000 χ^2/NDF : 1969097651481267133720686593450373545984.0/11
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758 ± 0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



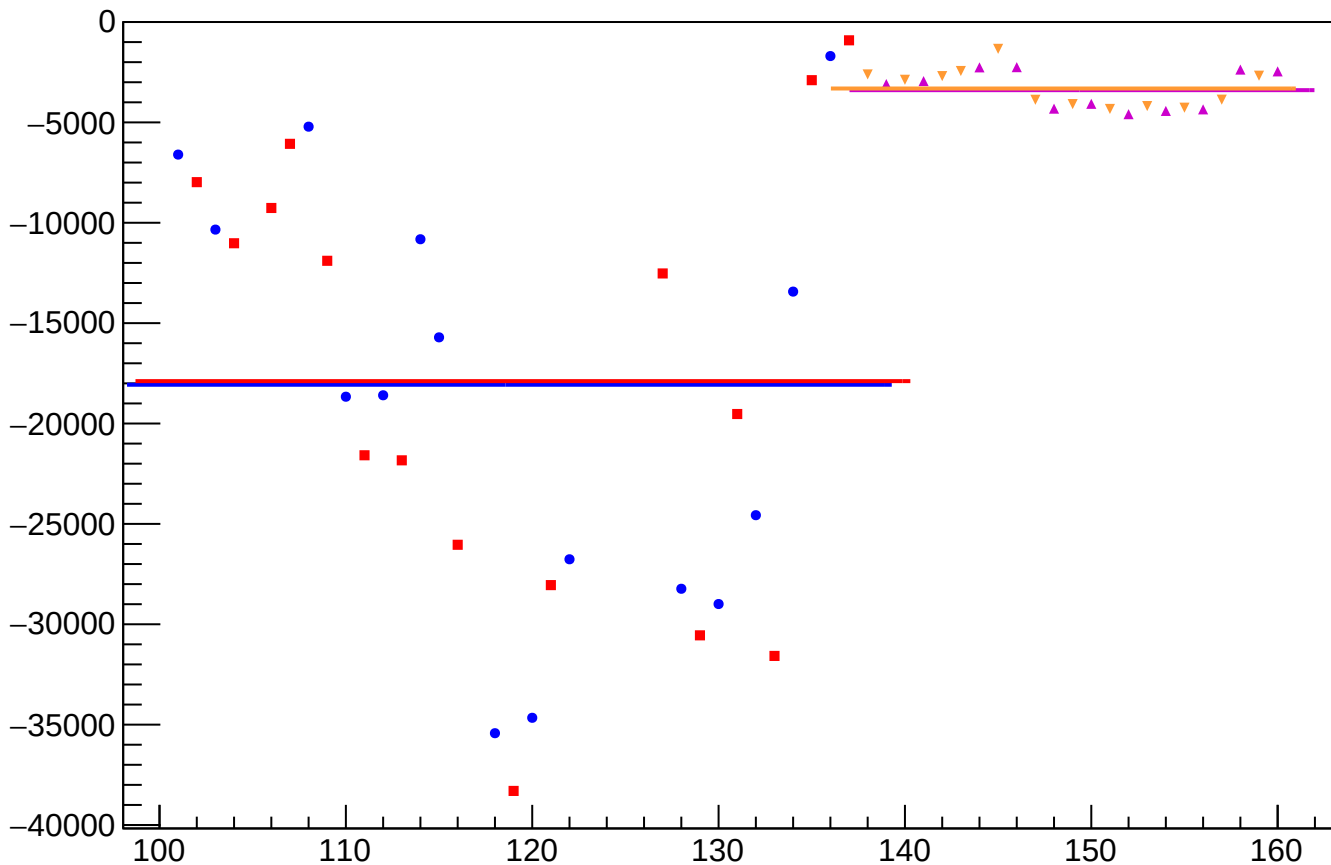
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1082.769+/-0.000 χ^2/NDF : 42435467592938018504955570075058831360.0/11
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10

dit_sam2_coil7_Ndata_mean vs Slug



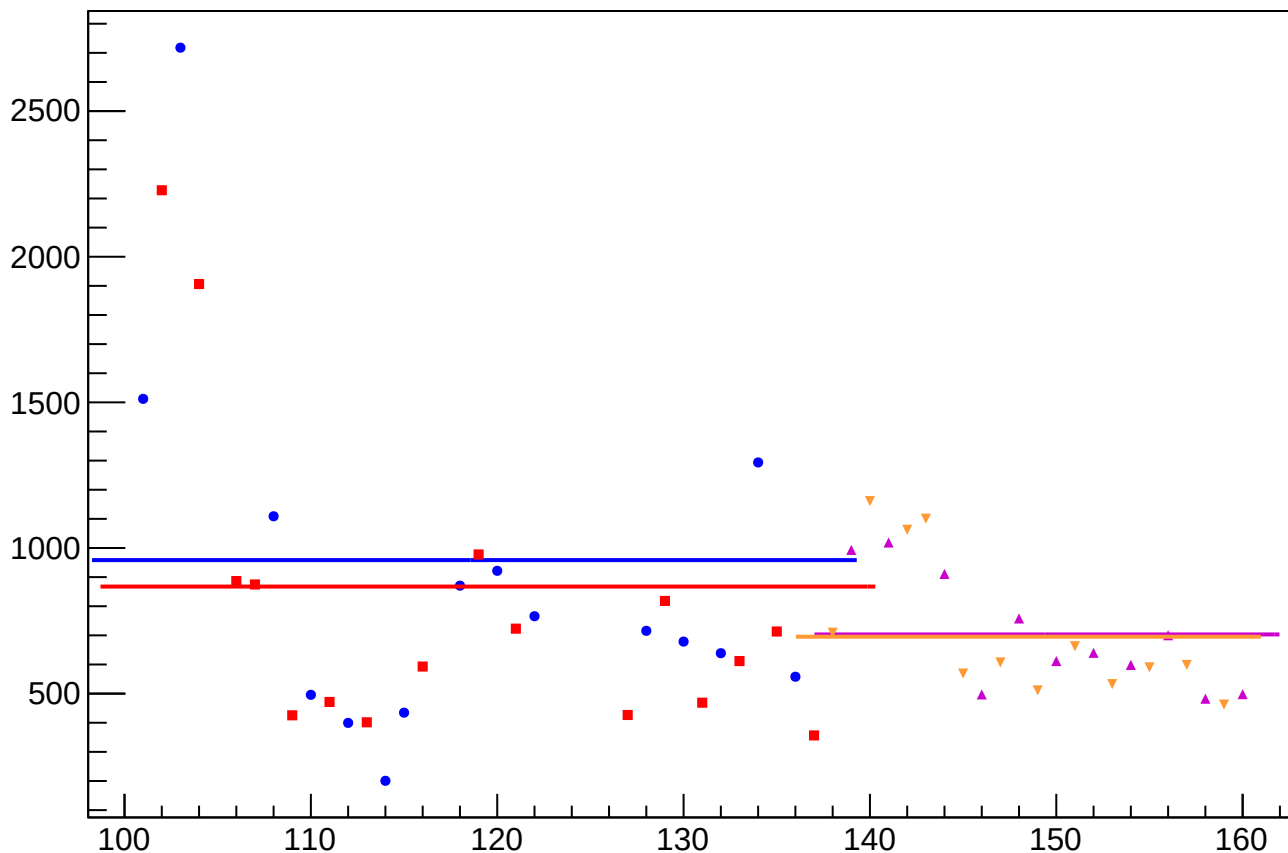
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3312.000+/-0.000 χ^2/NDF : 776933675153970093414497932746986356736.0/11
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -3394.339+/-0.000 χ^2/NDF : 804969095824057391704293669390893711360.0/10

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14

Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

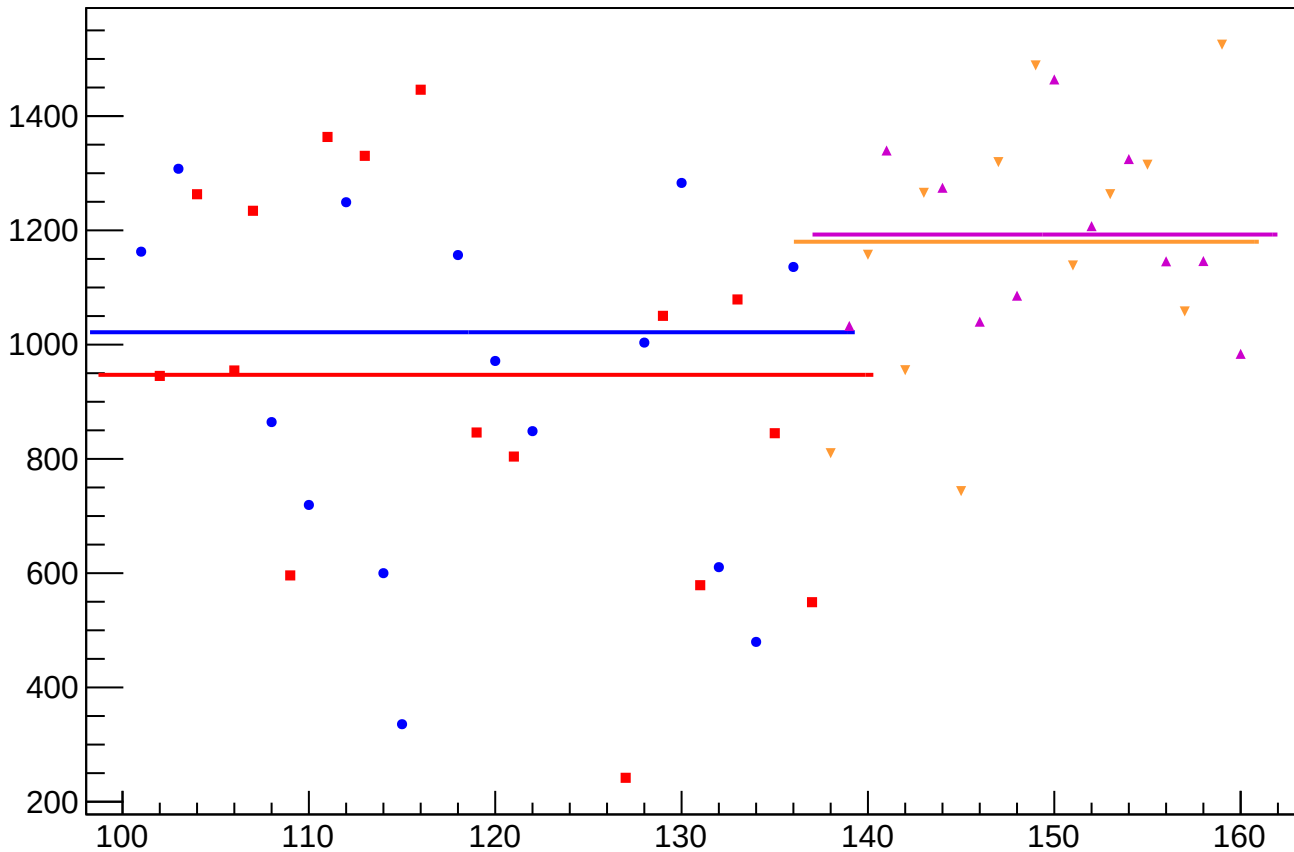
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ sign 804.584+/-0.000 χ^2/NDF : 338998928620433

All: 788.186+/-0.000 χ^2/NDF : 598468024963

- sign 772.078+/-0.000 χ^2/NDF : 258636009193620

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

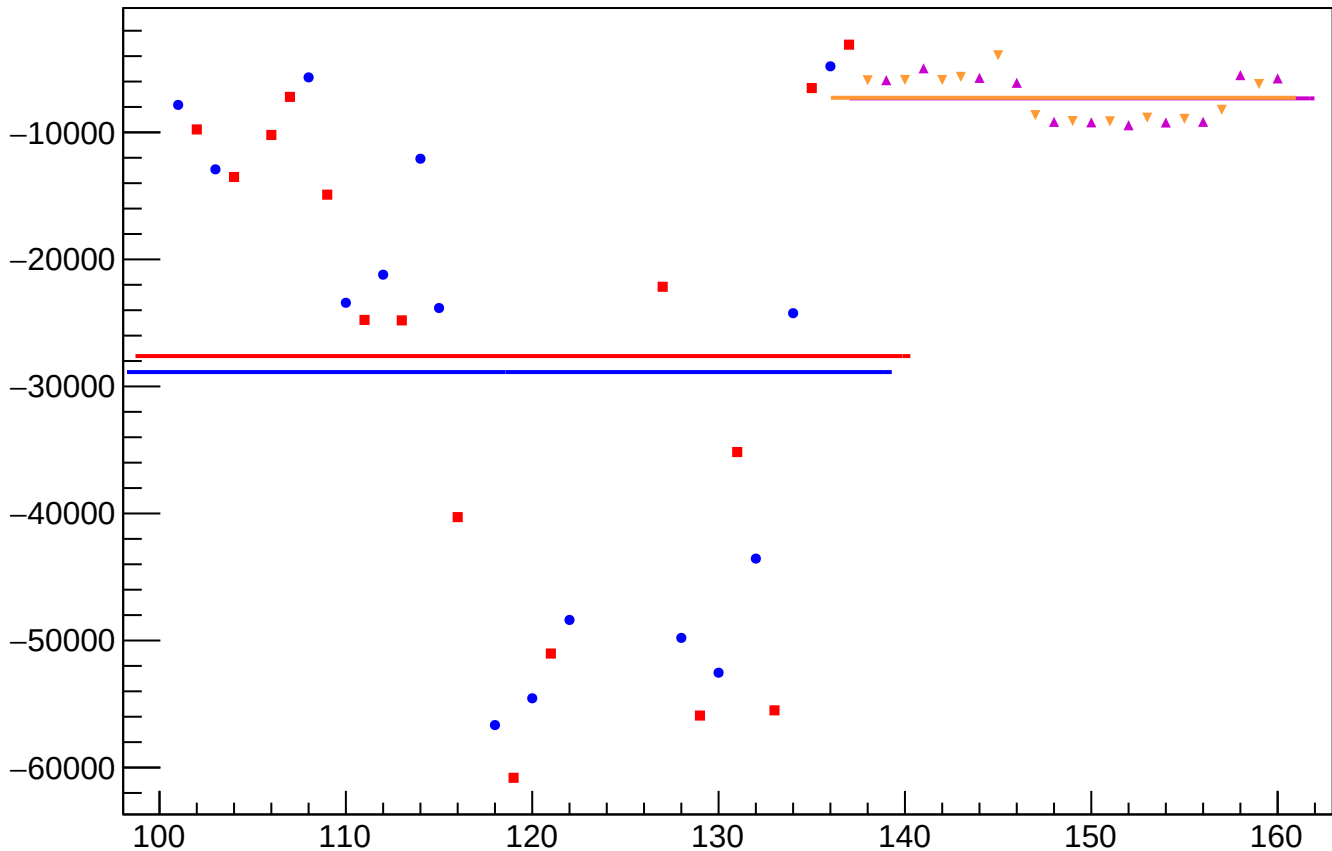
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

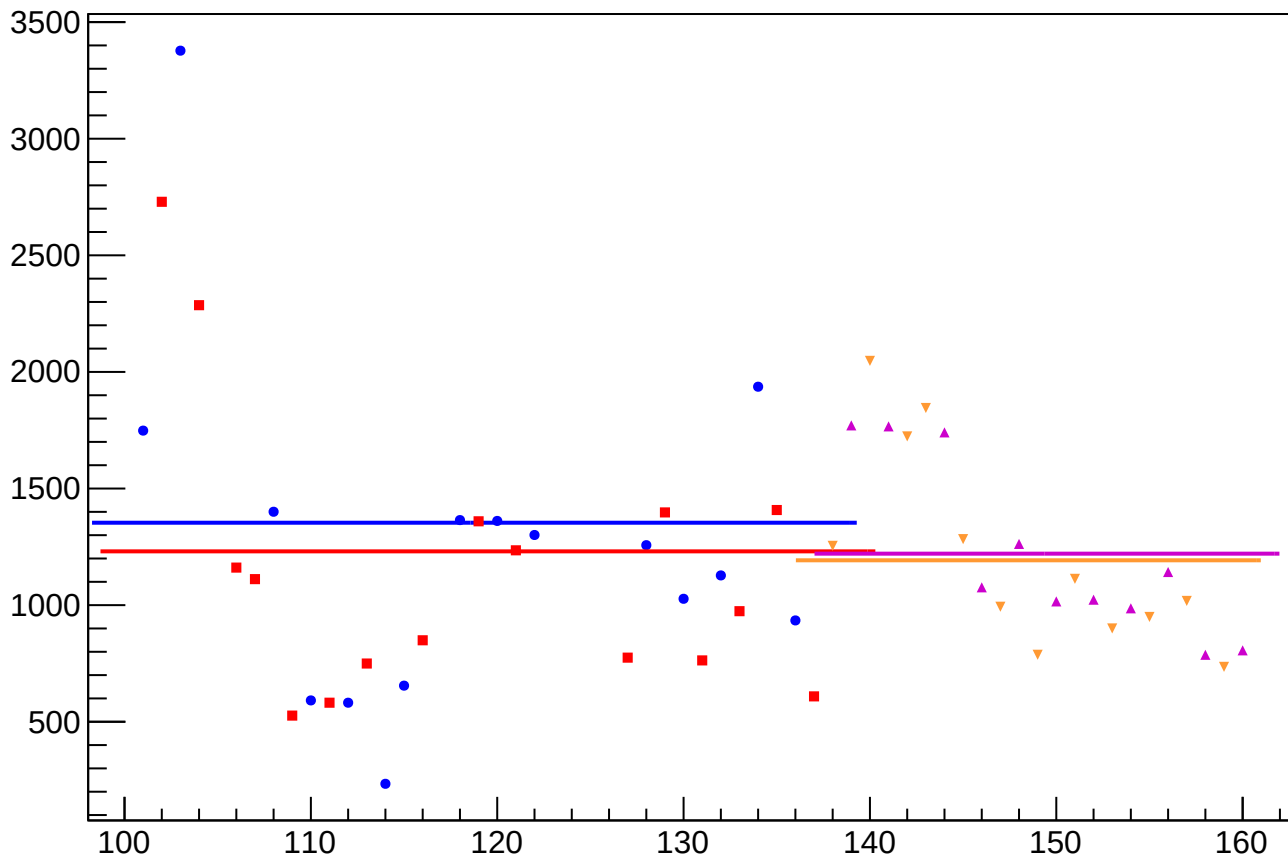
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7277.886+/-0.000 χ^2/NDF : 2738867305918098068317388239234104557568.0/11
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7325.095+/-0.000 χ^2/NDF : 3045991167952377112422516937599716687872.0/10

dit_sam4_coil7_err_mean vs Slug



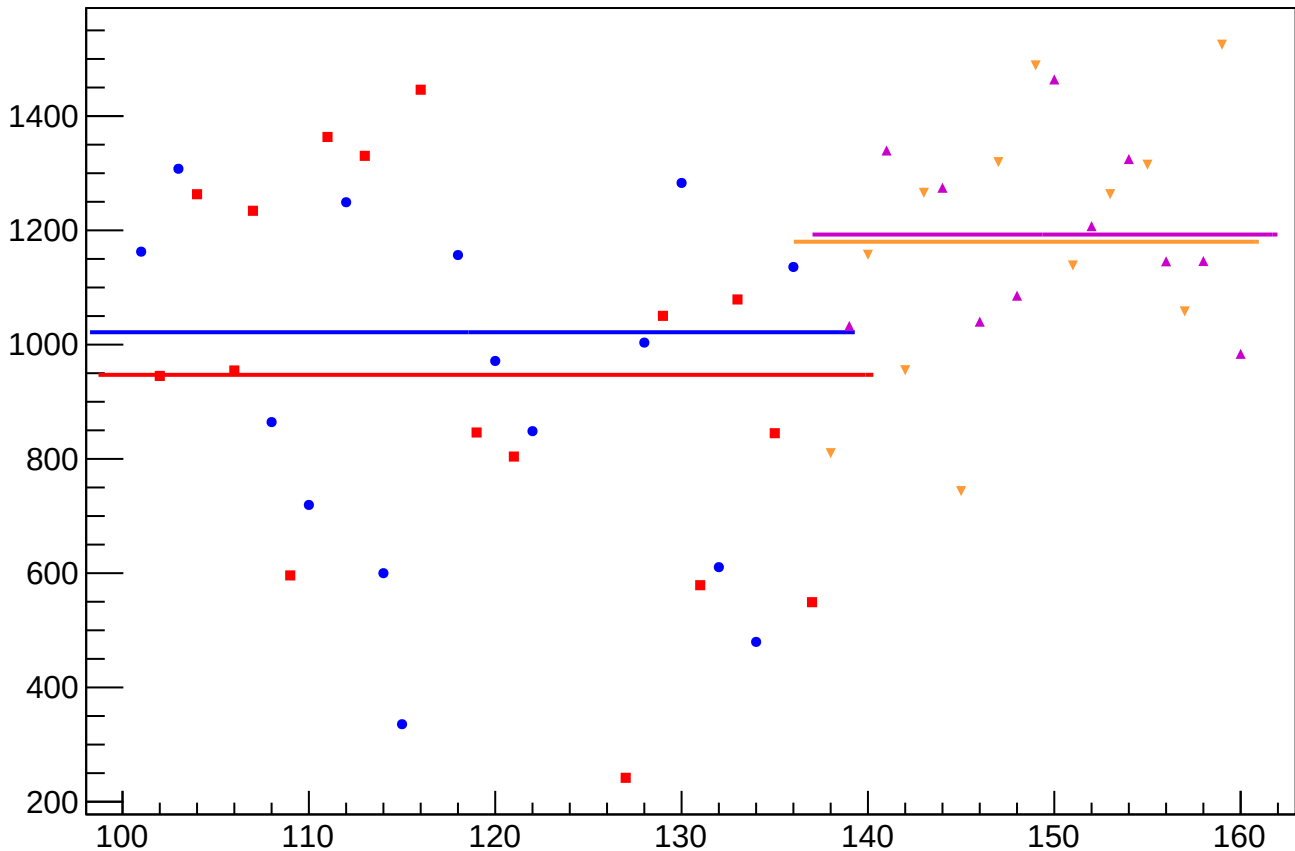
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1192.275+/-0.000 χ^2/NDF : 150893742871936420702627399426239365120.0/11

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

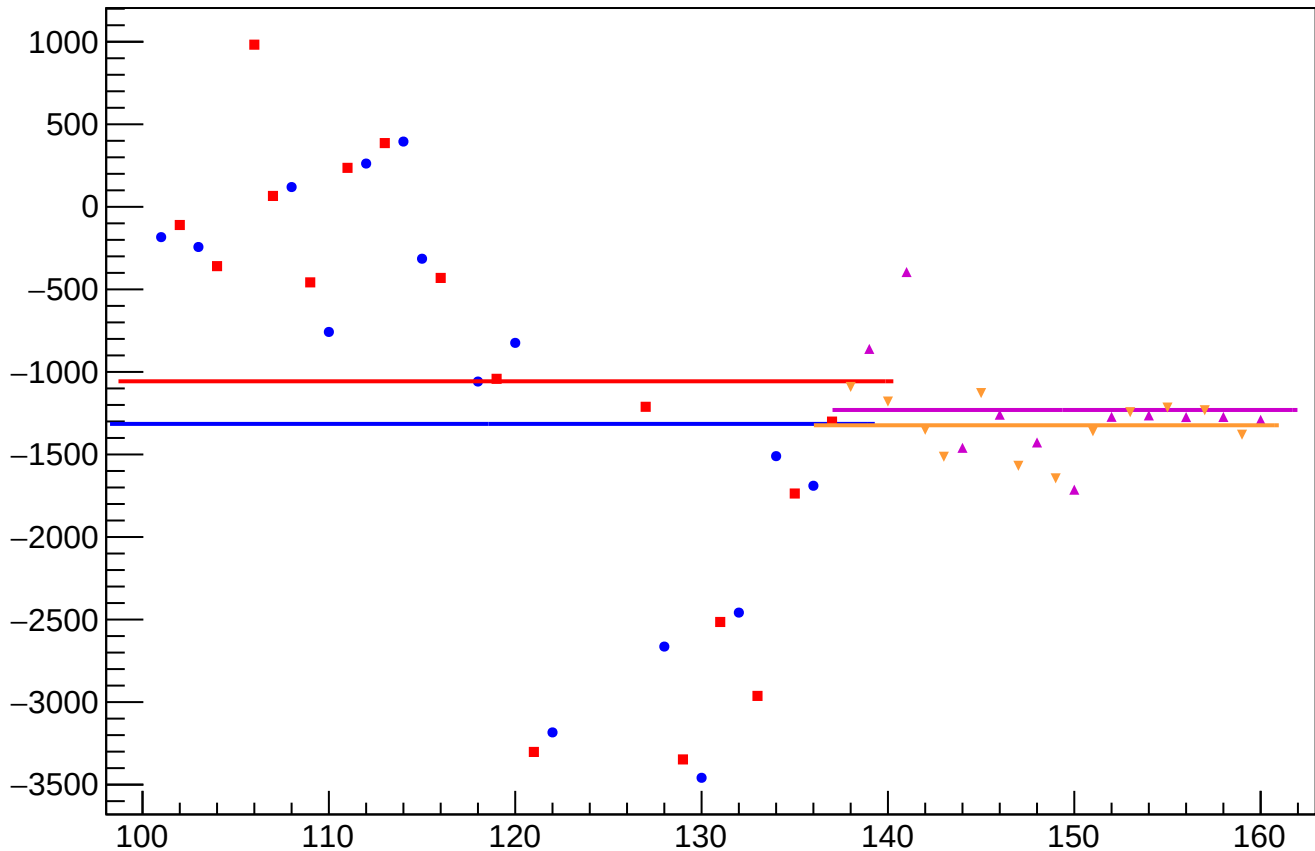
Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

dit_sam4_coil7_Ndata_mean vs Slug



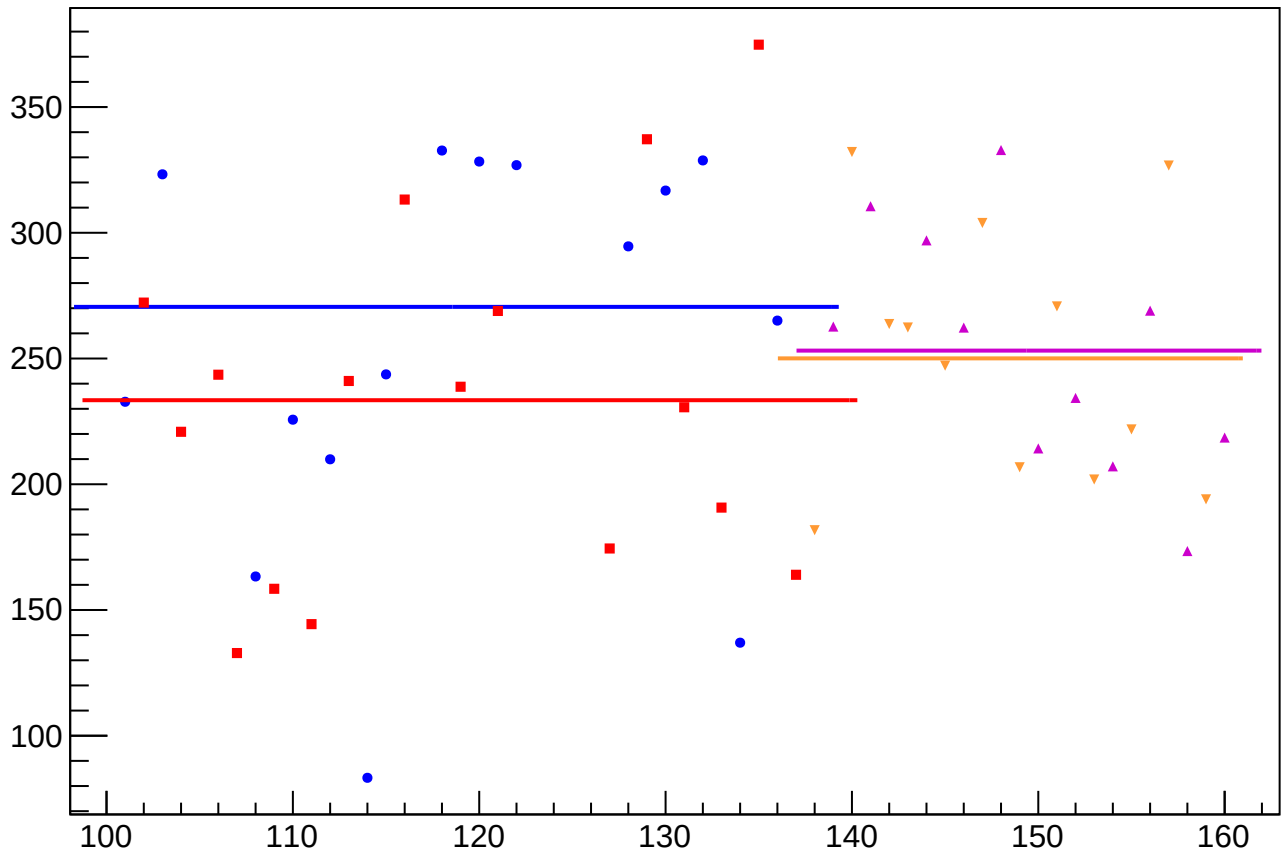
Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 +/- 0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 +/- 0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10
 All: 1101.926 +/- 0.000 χ^2/NDF : 21167730452
 + sign 1114.323 +/- 0.000 χ^2/NDF : 10080626753263
 - sign 1089.748 +/- 0.000 χ^2/NDF : 11039486982366

dit_sam5_coil7_mean vs Slug



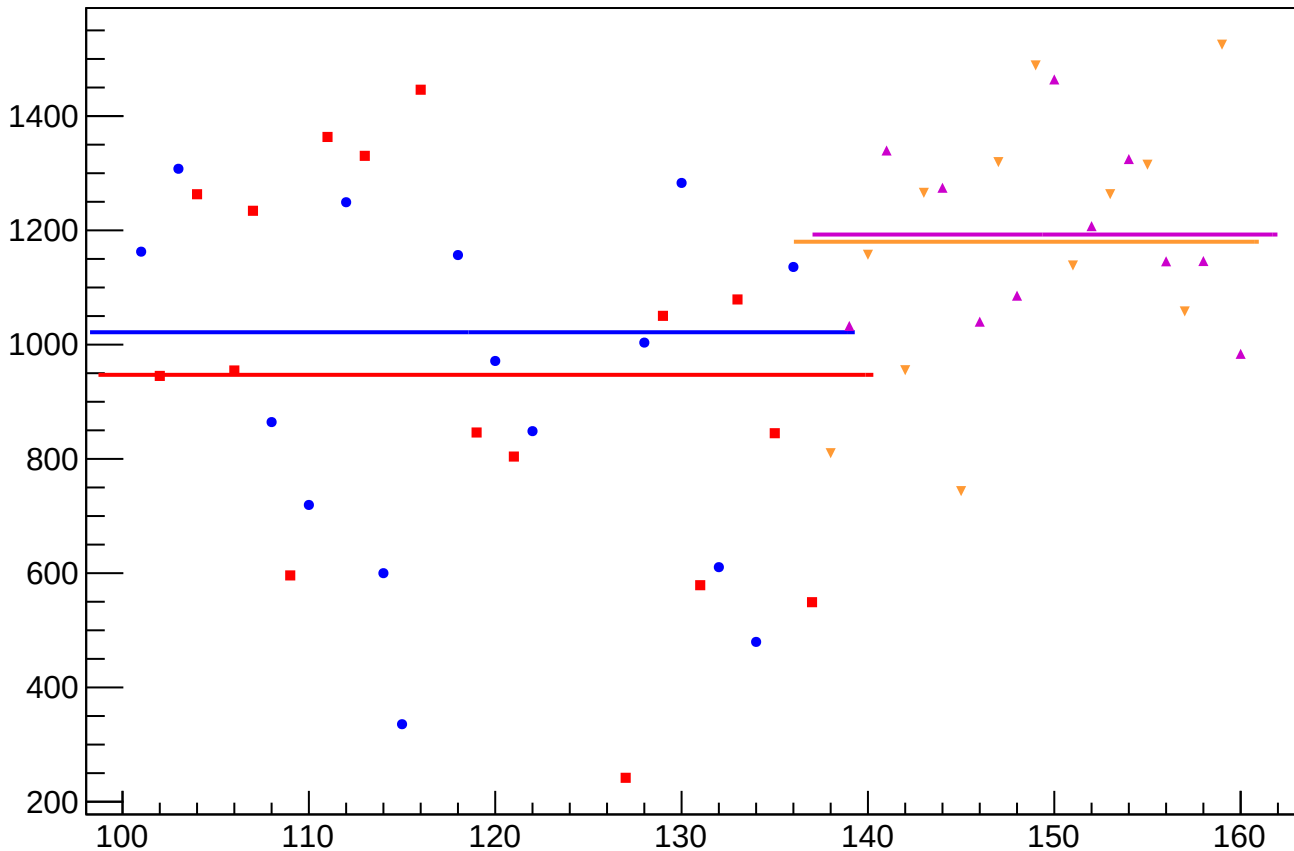
Right In: -1314.782 ± 0.000 $\chi^2/\text{NDF}: 966082368518203481544021644405645508608.0/14$
 Left Out: -1323.142 ± 0.000 $\chi^2/\text{NDF}: 27180584789293911694803613303409999872.0/11$
 Right Out: -1056.765 ± 0.000 $\chi^2/\text{NDF}: 1127141594187417021949832477353286041600.0/15$
 Left In: -1230.430 ± 0.000 $\chi^2/\text{NDF}: 100431691068850056086409132460520505344.0/10$

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538 ± 0.000 χ^2/NDF : 2473839905347950323907848405170257920.0/14
 Left Out: 250.055 ± 0.000 χ^2/NDF : 2329396041694824766683600755668025344.0/11
 Right Out: 233.421 ± 0.000 χ^2/NDF : 3048529087317888615064010247743995904.0/15
 Left In: 253.145 ± 0.000 χ^2/NDF : 1980196841930298045035907903943344128.0/10

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

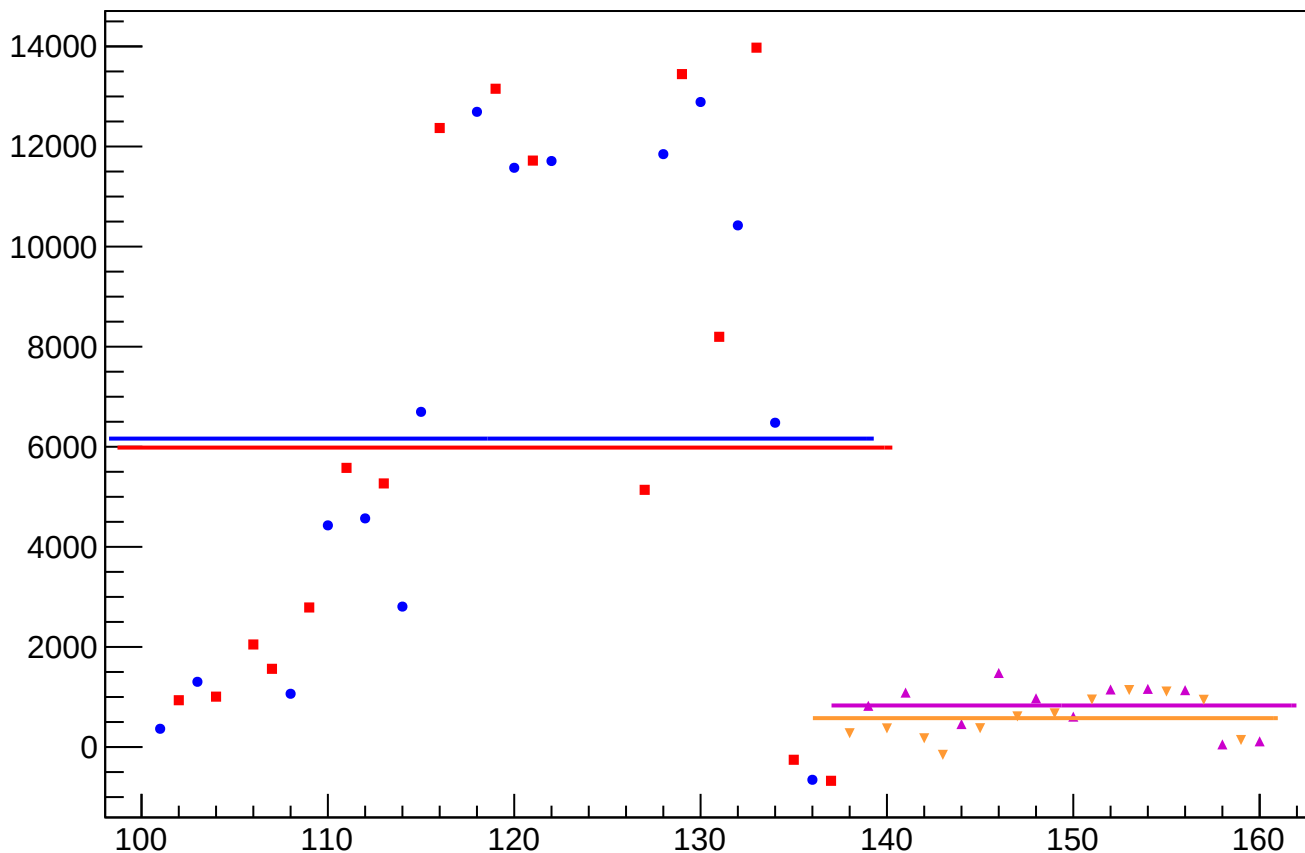
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

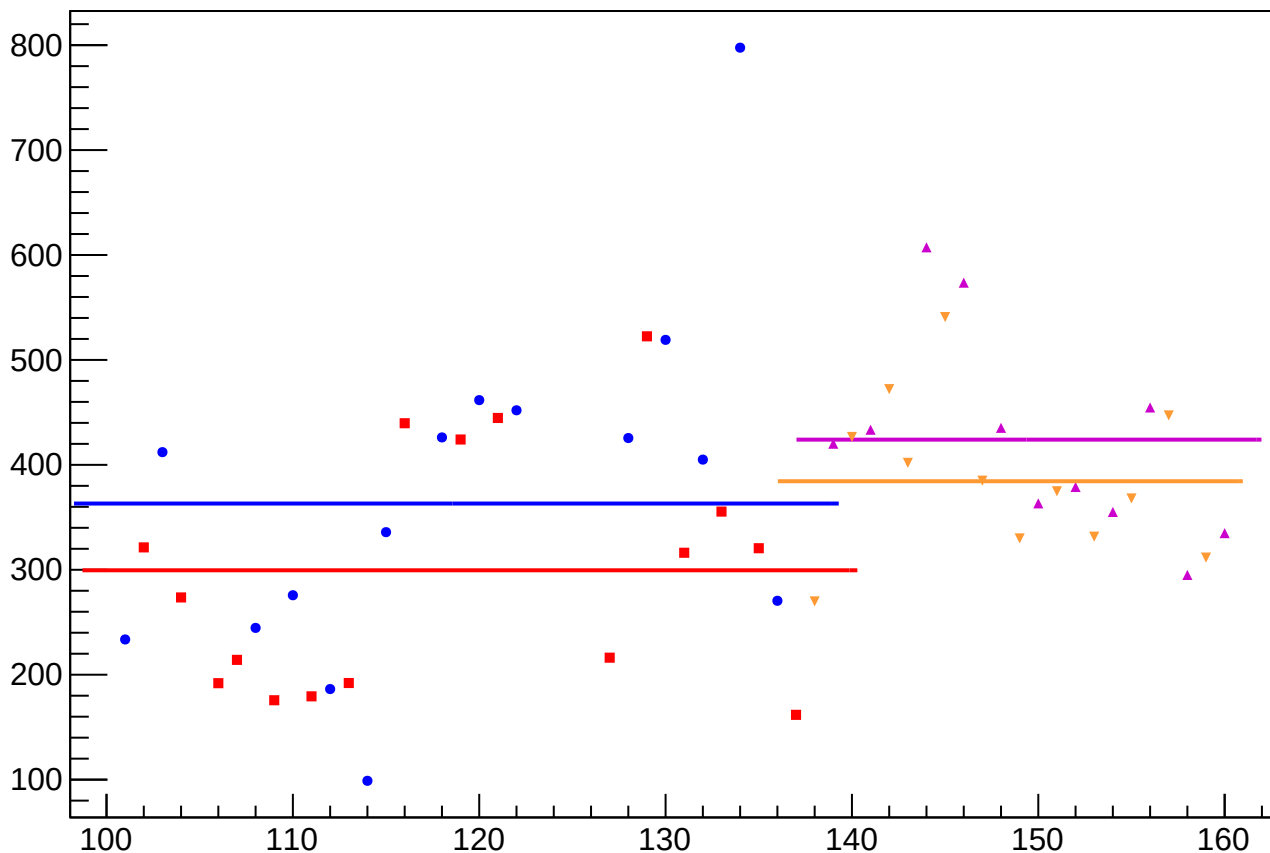
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 577.285+/-0.000 χ^2/NDF : 143964932817712353720884813497116917760.0/11
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 830.587+/-0.000 χ^2/NDF : 172337092403726273197356020615128023040.0/10

dit_sam6_coil7_err_mean vs Slug



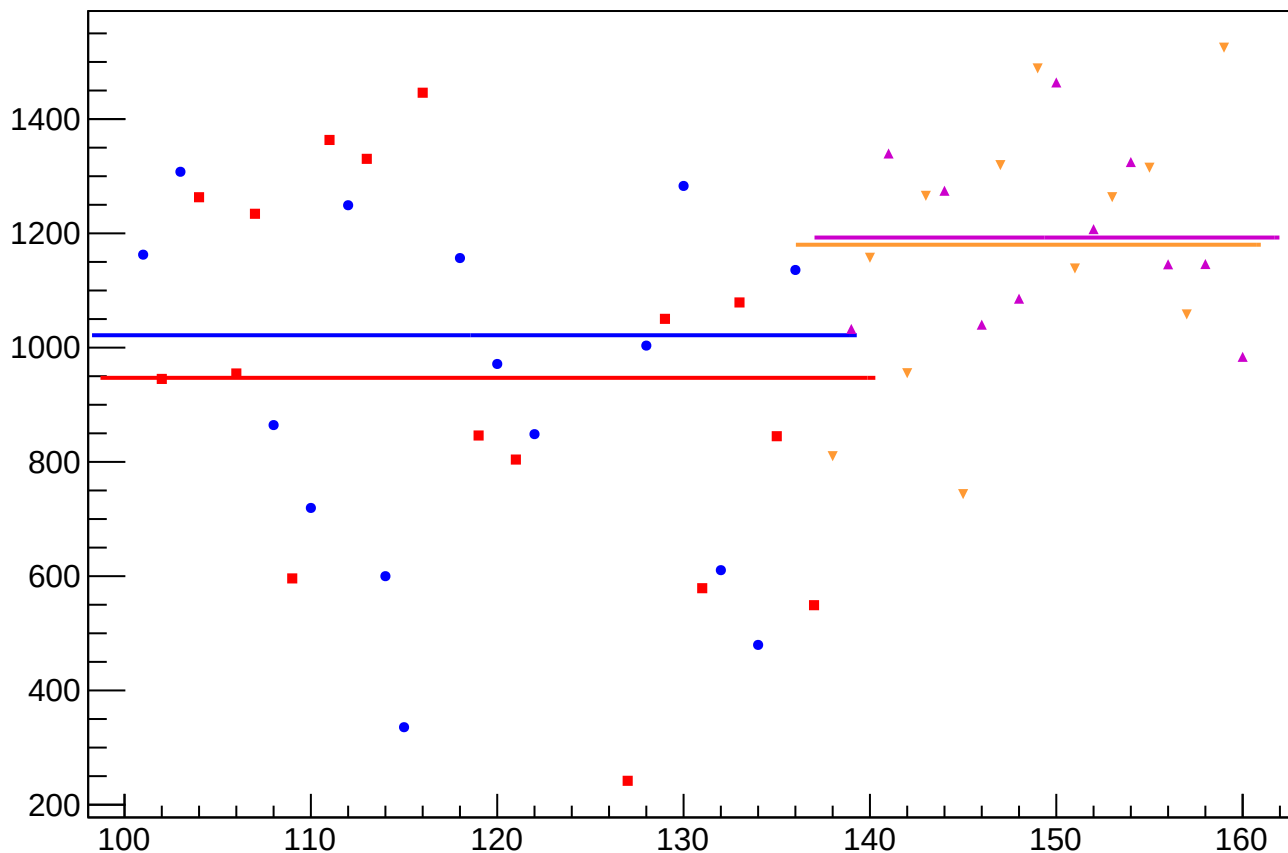
Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 384.397+/-0.000 χ^2/NDF : 4703352228141784942428920611126378496.0/11

Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

Left In: 424.034+/-0.000 χ^2/NDF : 7812894231718086106241094868881375232.0/10

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

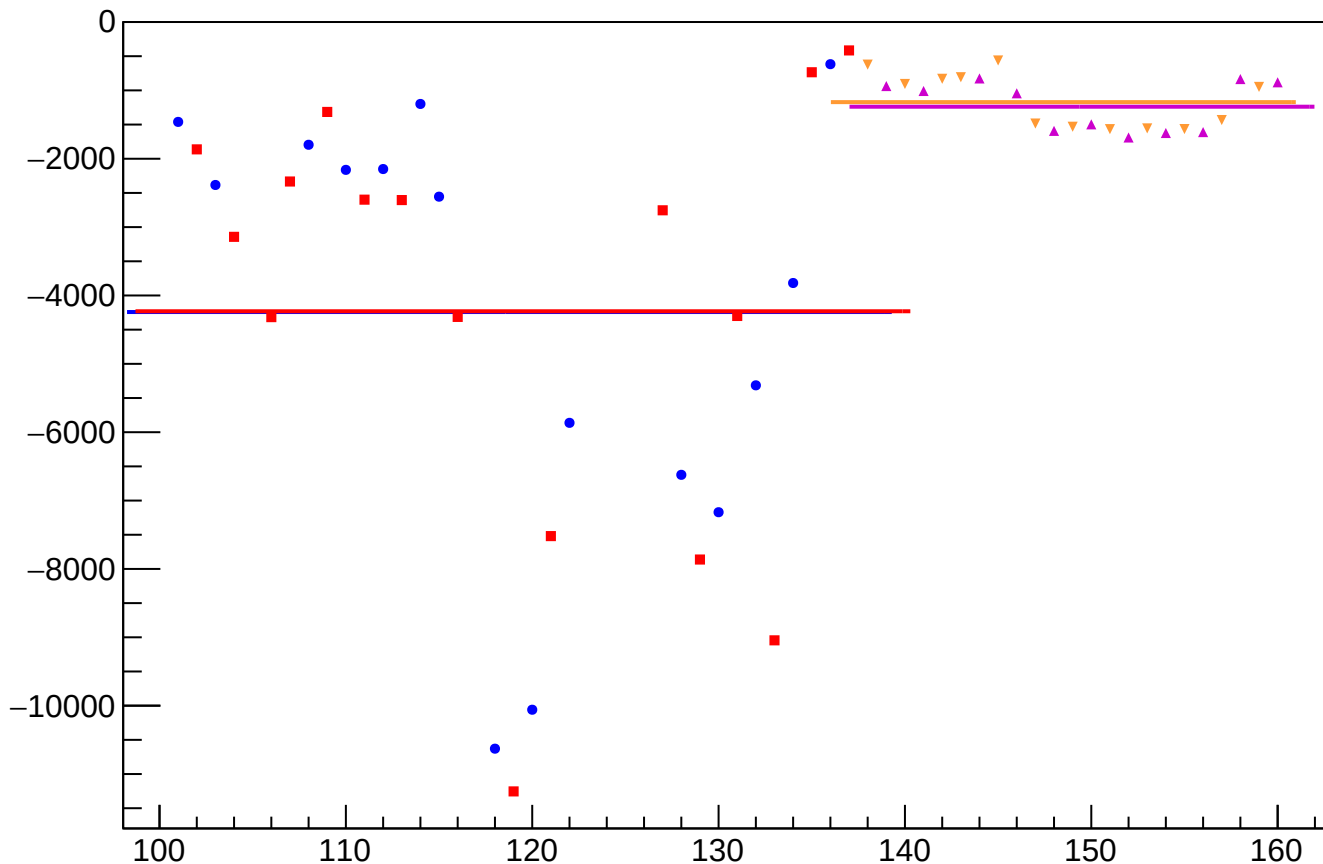
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

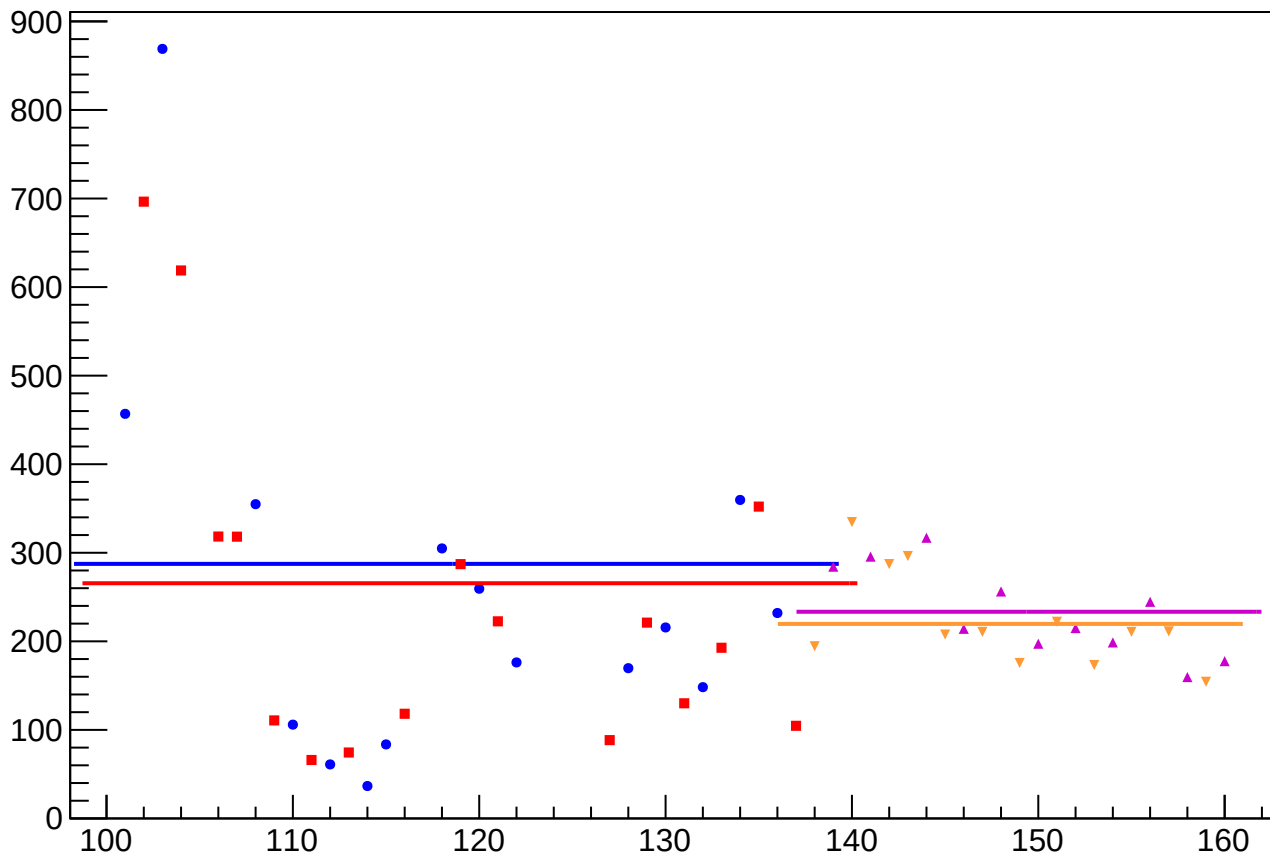
dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000	χ^2/NDF : 6783472272174151371145601081742110752768.0/14
Left Out: -1171.784+/-0.000	χ^2/NDF : 137401425112319786783295403719378599936.0/11
Right Out: -4230.978+/-0.000	χ^2/NDF : 6682409528103016752204343573740930465792.0/15
Left In: -1238.776+/-0.000	χ^2/NDF : 111339045659652616720712870833504124928.0/10

+ sign -2446.693+/-0.000 χ^2/NDF : 1049869951463
 All: -2470.156+/-0.000 χ^2/NDF : 2076239631
 - sign -2493.207+/-0.000 χ^2/NDF : 10261991032463

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 219.672+/-0.000 χ^2/NDF : 2455507522676926762328692419180101632.0/11

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

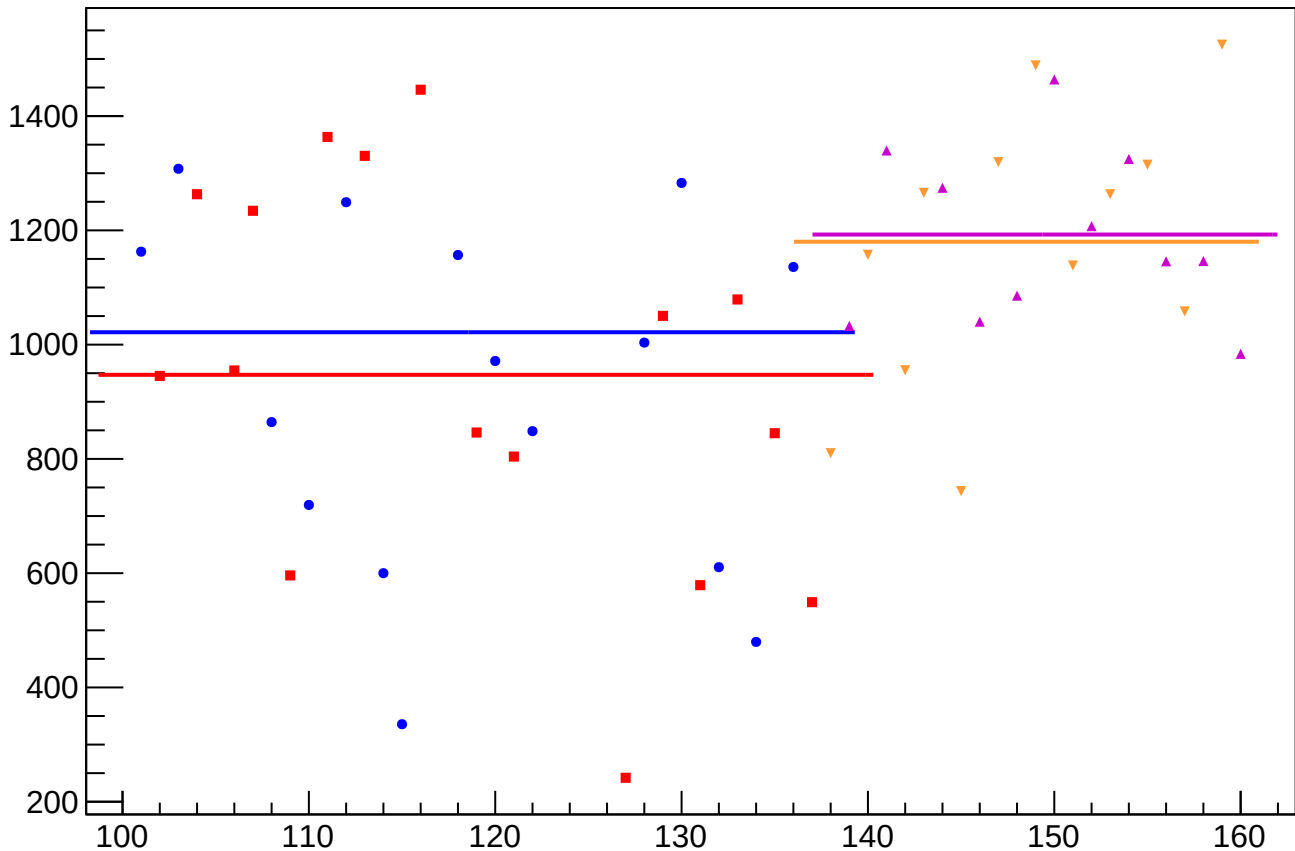
Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ sign 247.819+/-0.000 χ^2/NDF : 337165020245446

All: 247.353+/-0.000 χ^2/NDF : 621333161036

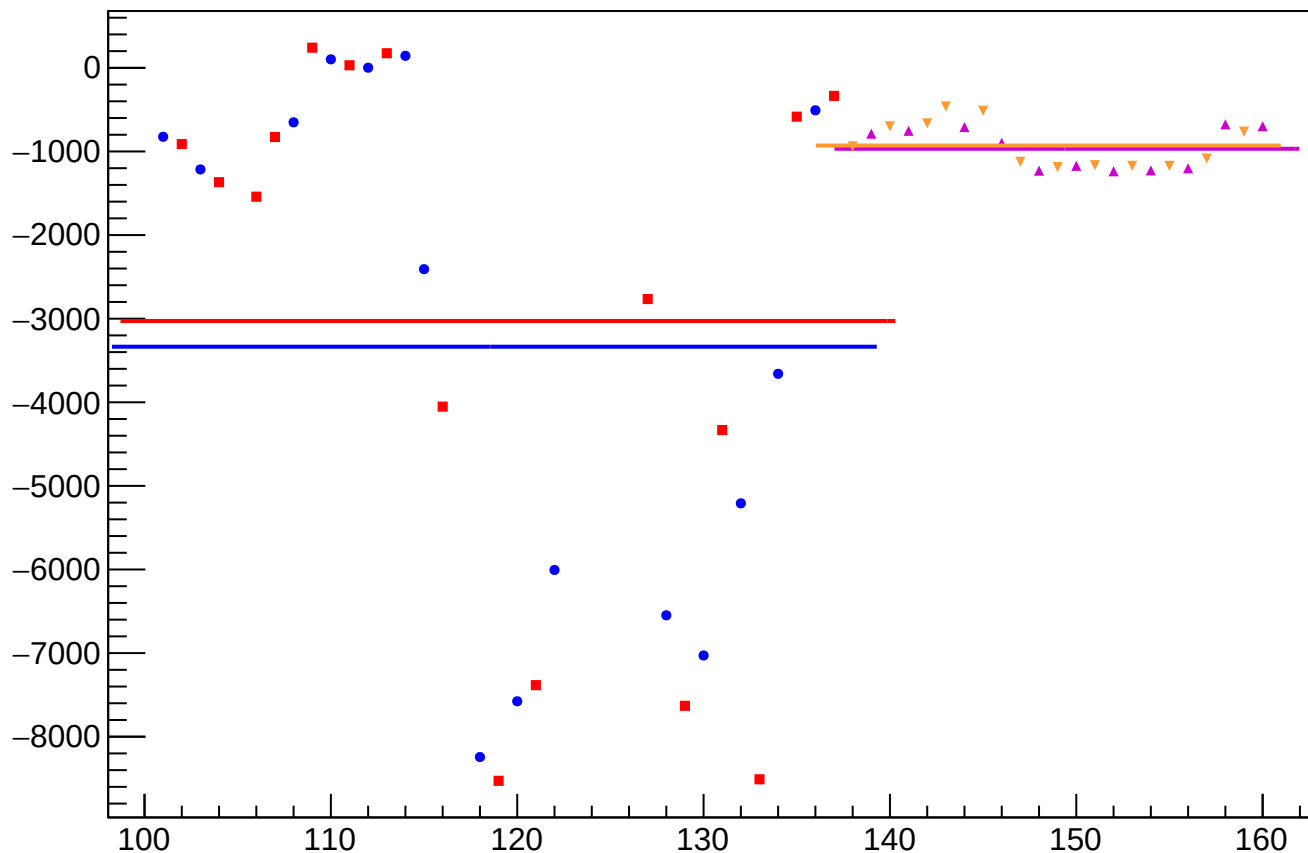
- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



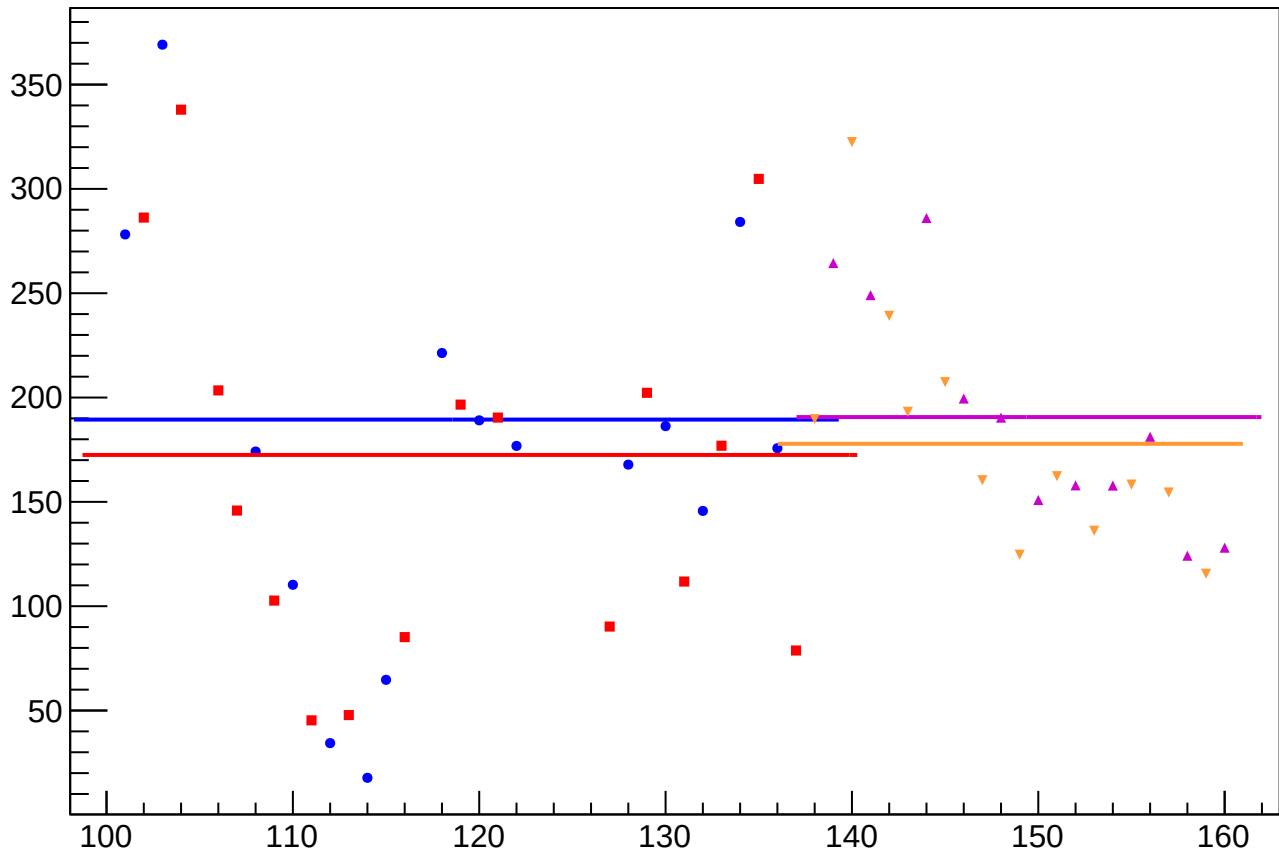
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam8_coil7_mean vs Slug



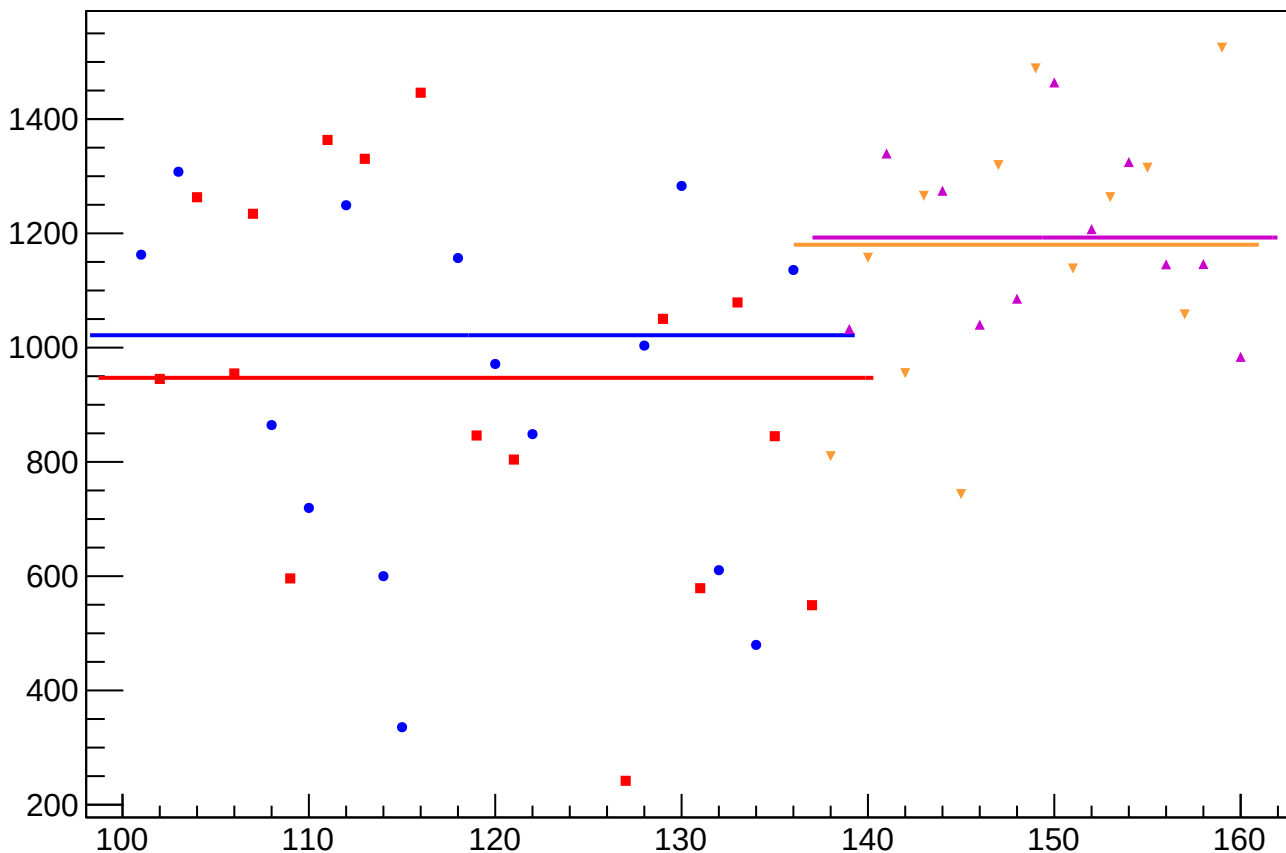
Right In: -3335.273 ± 0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -928.862 ± 0.000 χ^2/NDF : 62250510021534104734591710459968094208.0/11
 Right Out: -3027.603 ± 0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -967.568 ± 0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442 $\pm$ 0.000	χ^2 /NDF: 4707234253929700721726064108794544128.0/14	+ sign 182.640 $\pm$ 0.000	χ^2 /NDF: 755196649084906
Left Out: 177.811 $\pm$ 0.000	χ^2 /NDF: 2793392529927944860081581234505908224.0/11	All: 182.836 $\pm$ 0.000	χ^2 /NDF: 15810669328
Right Out: 172.485 $\pm$ 0.000	χ^2 /NDF: 5594813408996728261938711470404534272.0/15	- sign 183.029 $\pm$ 0.000	χ^2 /NDF: 825858339211044
Left In: 190.641 $\pm$ 0.000	χ^2 /NDF: 2536070386684067132001548898091925504.0/10		

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

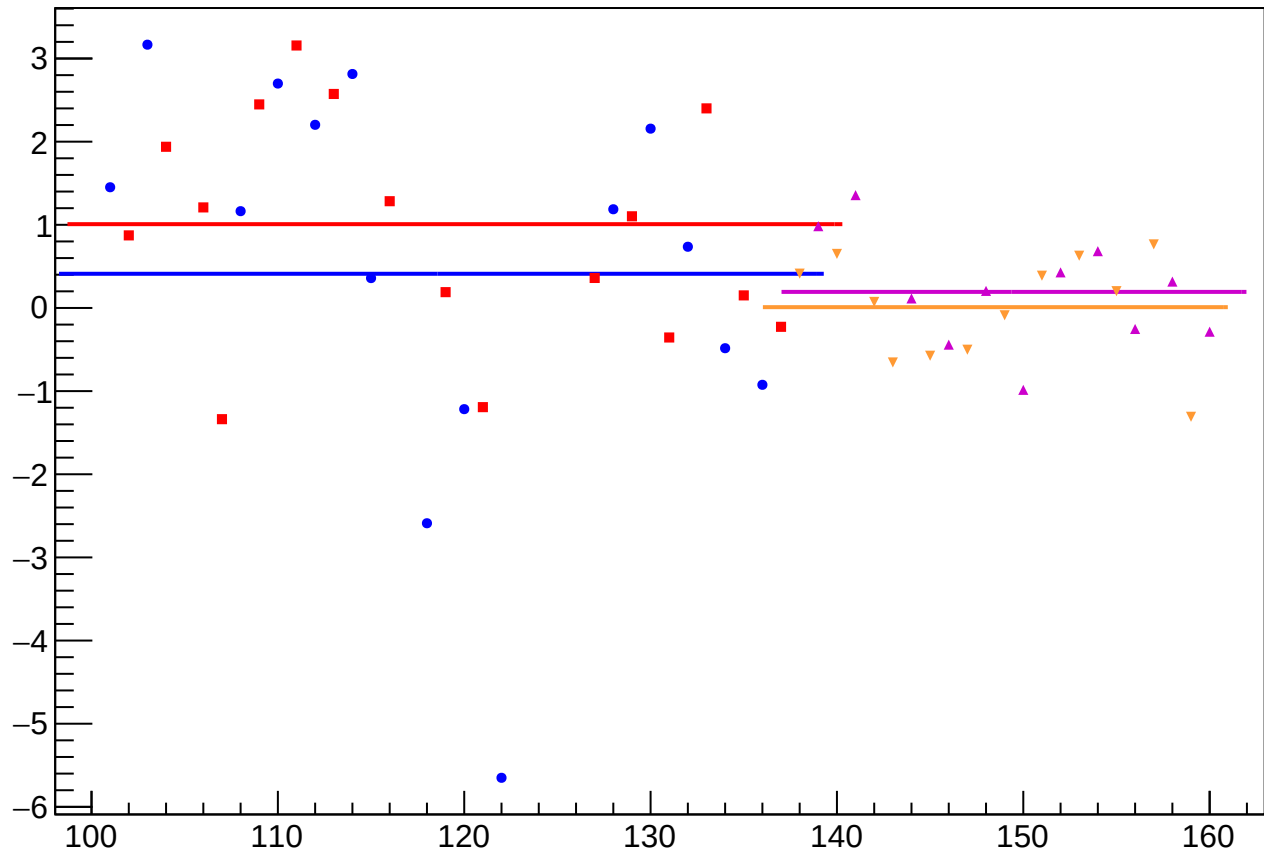
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

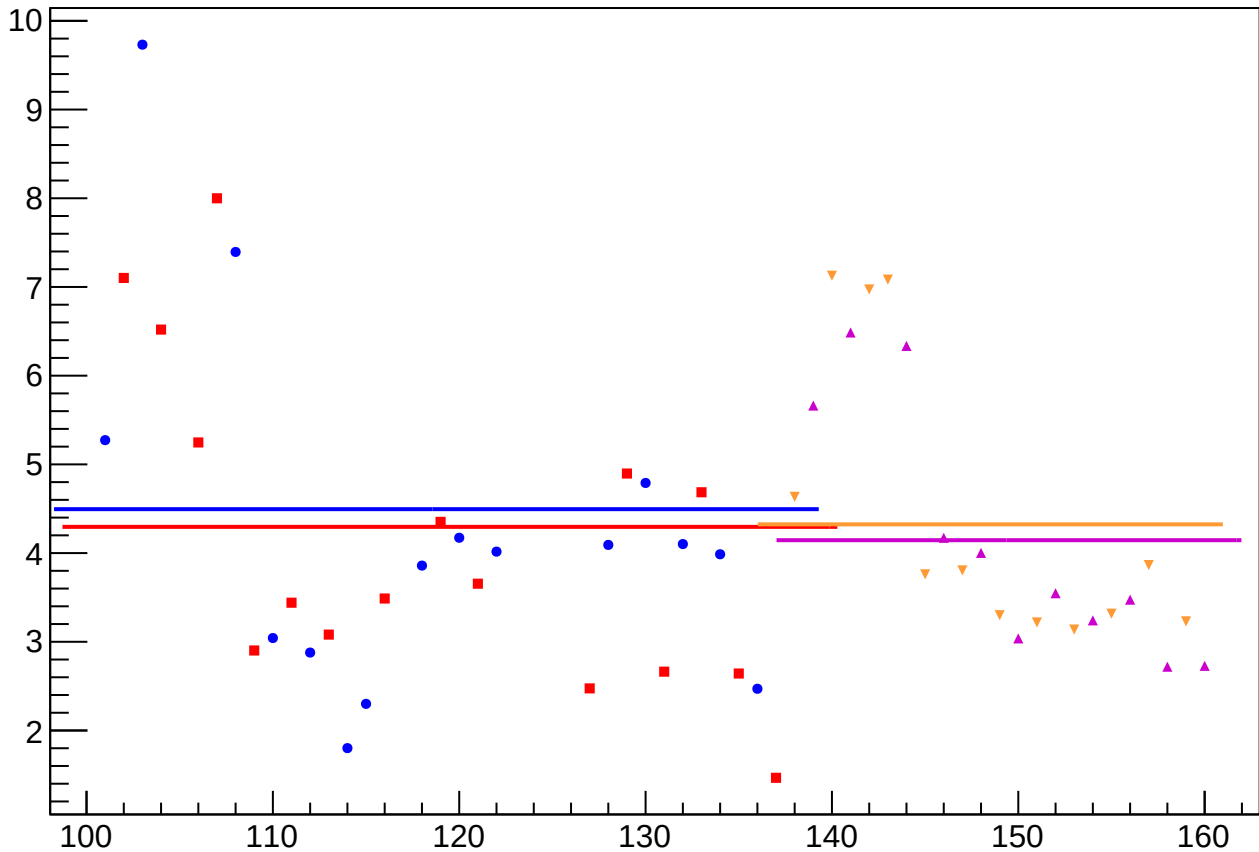
dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000	χ^2/NDF : 3385573506255563170053089820409856.0/14
Left Out: 0.010+/-0.000	χ^2/NDF : 354573516648160349272665694928896.0/11
Right Out: 1.008+/-0.000	χ^2/NDF : 1128402228144096394498047410700288.0/15
Left In: 0.193+/-0.000	χ^2/NDF : 386133523330033860307880234713088.0/10

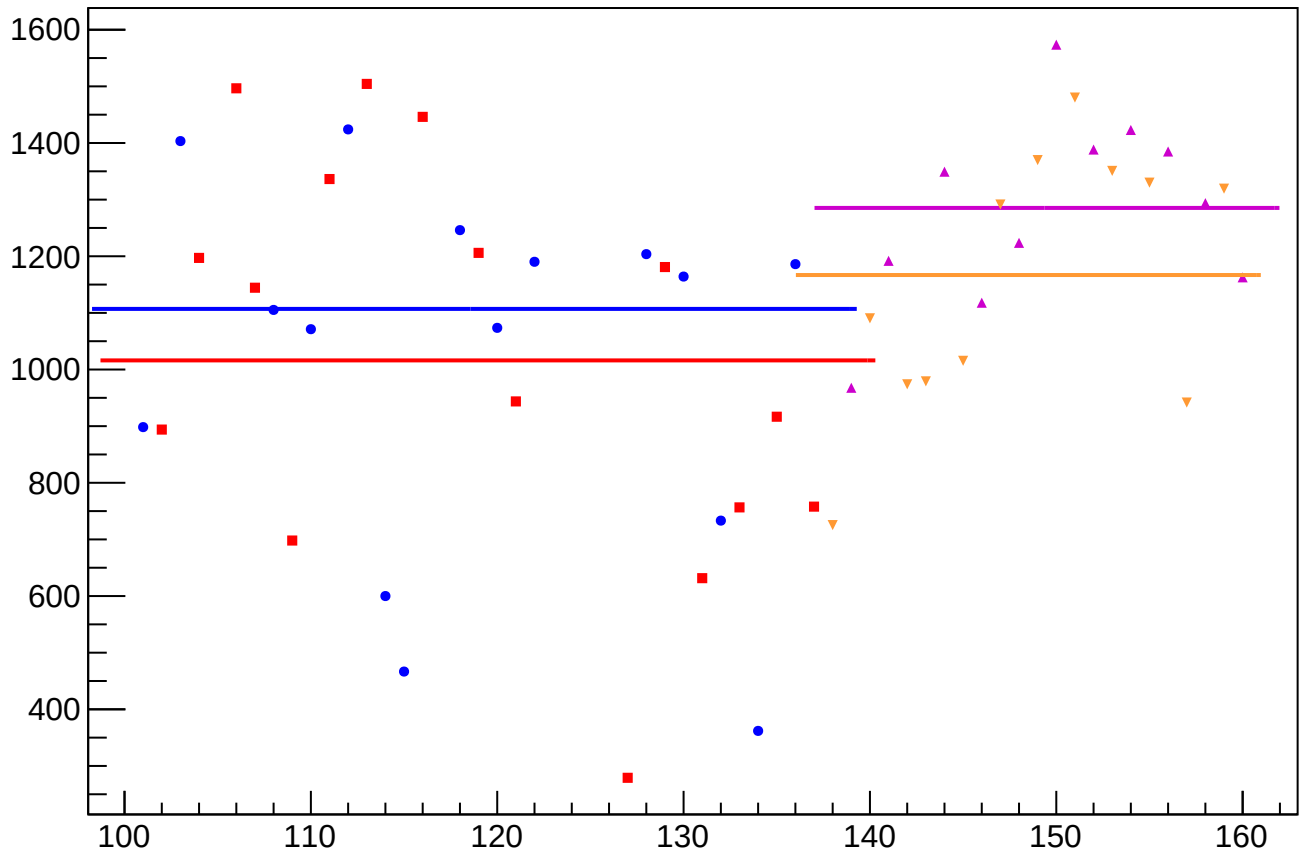
+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763
 All: 0.357+/-0.000 χ^2/NDF : 56741679110622
 - sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



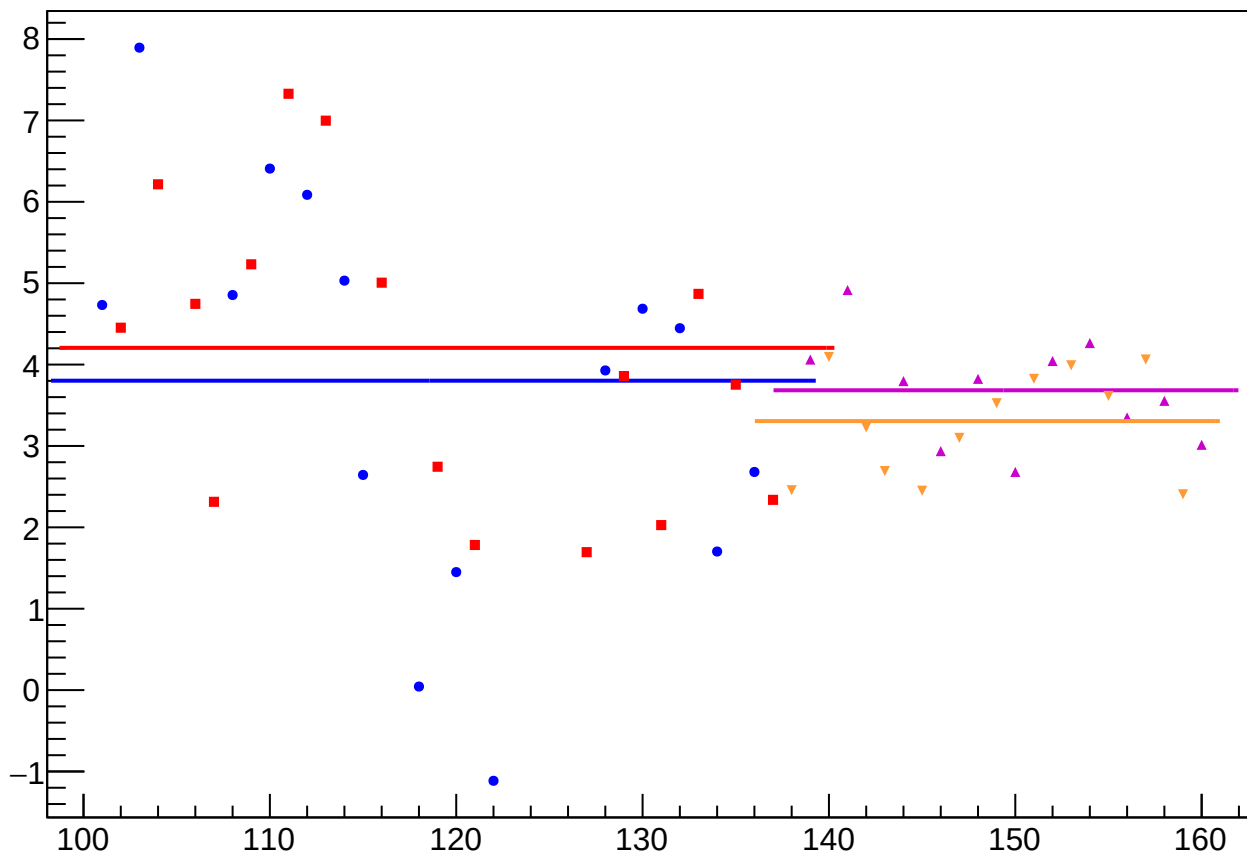
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

dit_4aX_coil4_Ndata_mean vs Slug

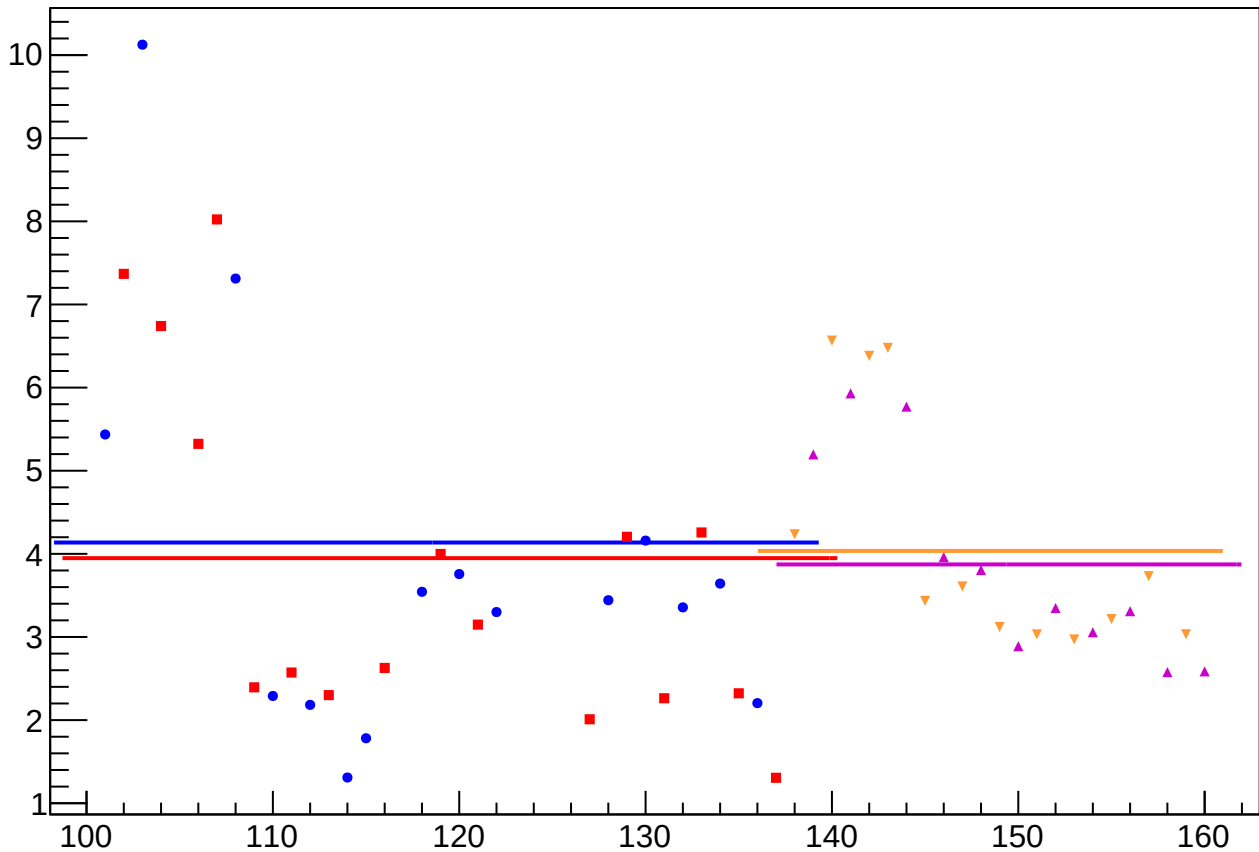


Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_4eX_coil4_mean vs Slug

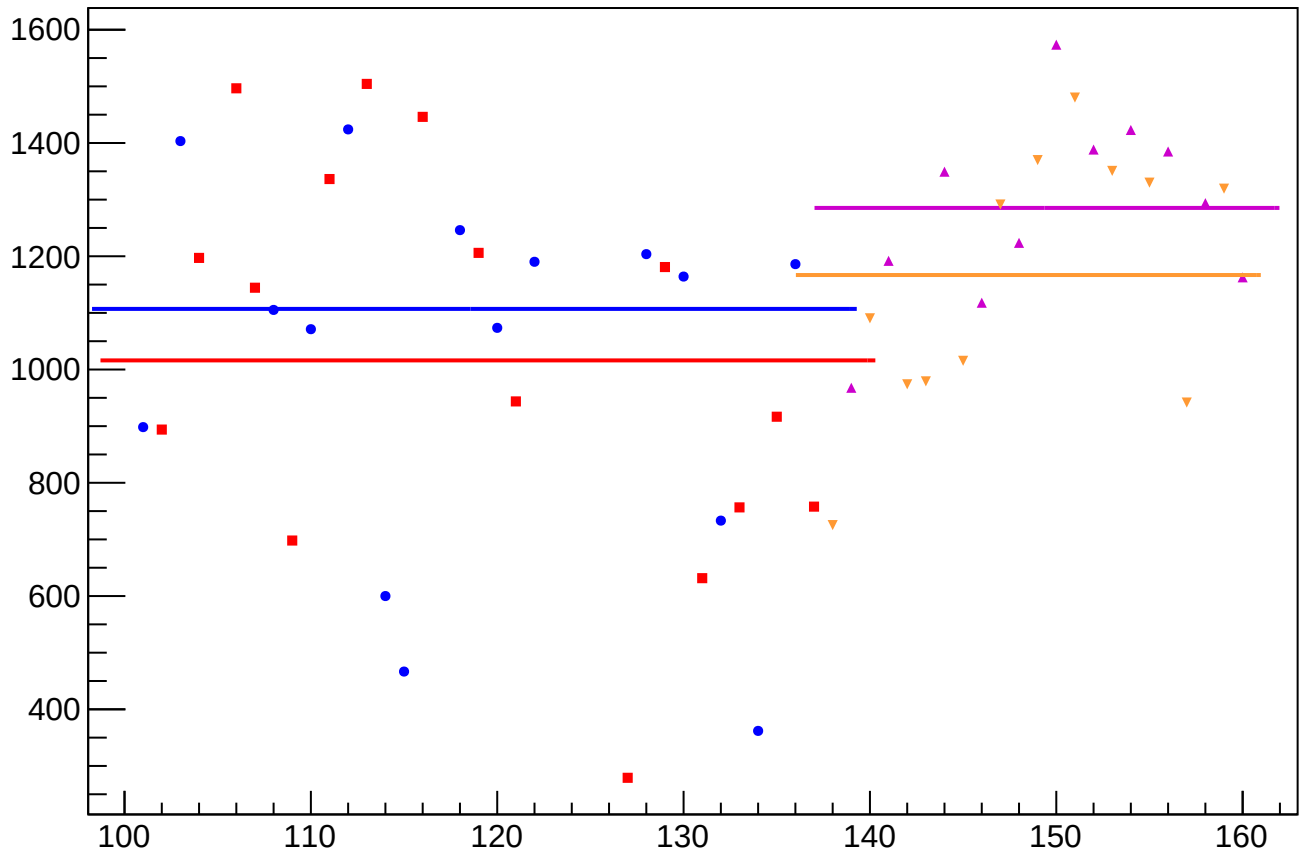


dit_4eX_coil4_err_mean vs Slug



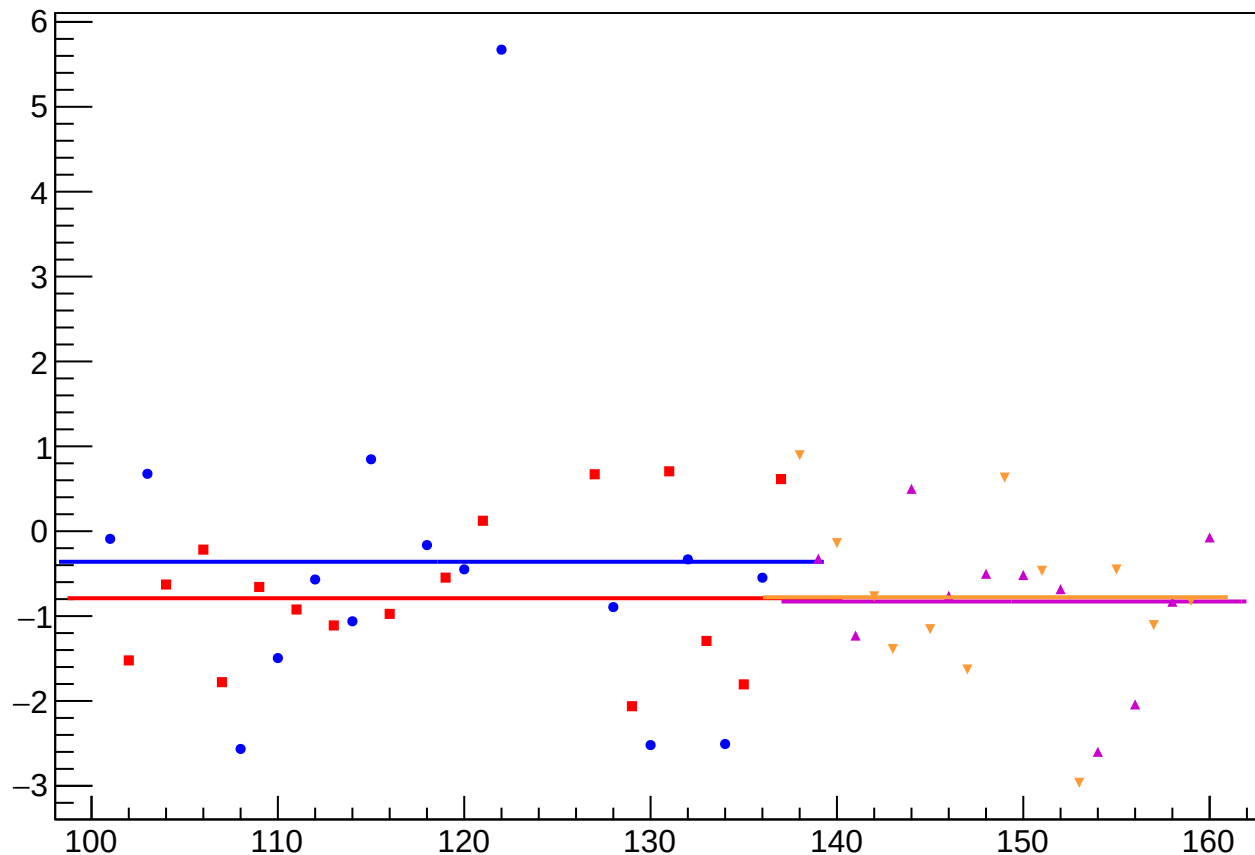
Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.035 ± 0.000 χ^2/NDF : 1609299061352578548486150138363904.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442

dit_11X12X_coil4_mean vs Slug



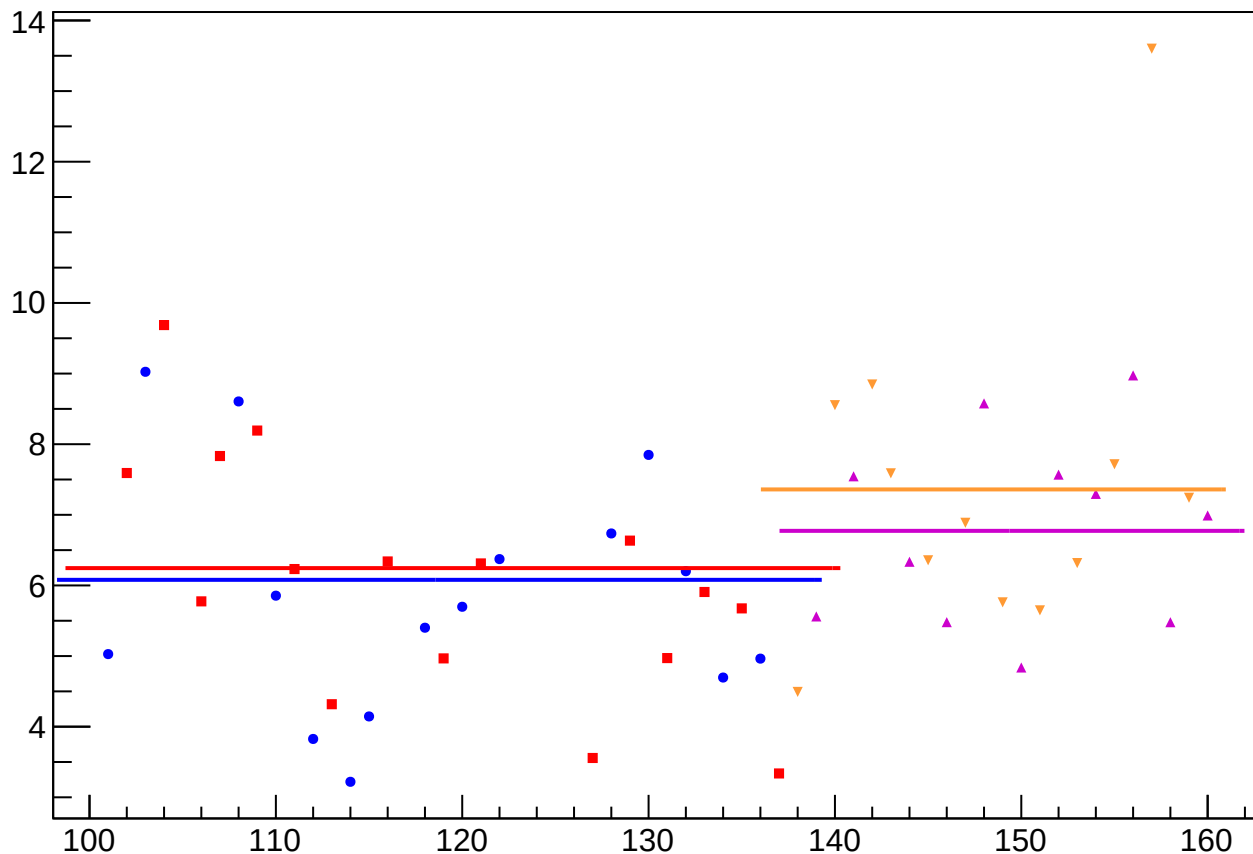
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.778+/-0.000 χ^2/NDF : 941792568376434225486843988672512.0/11

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.828+/-0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

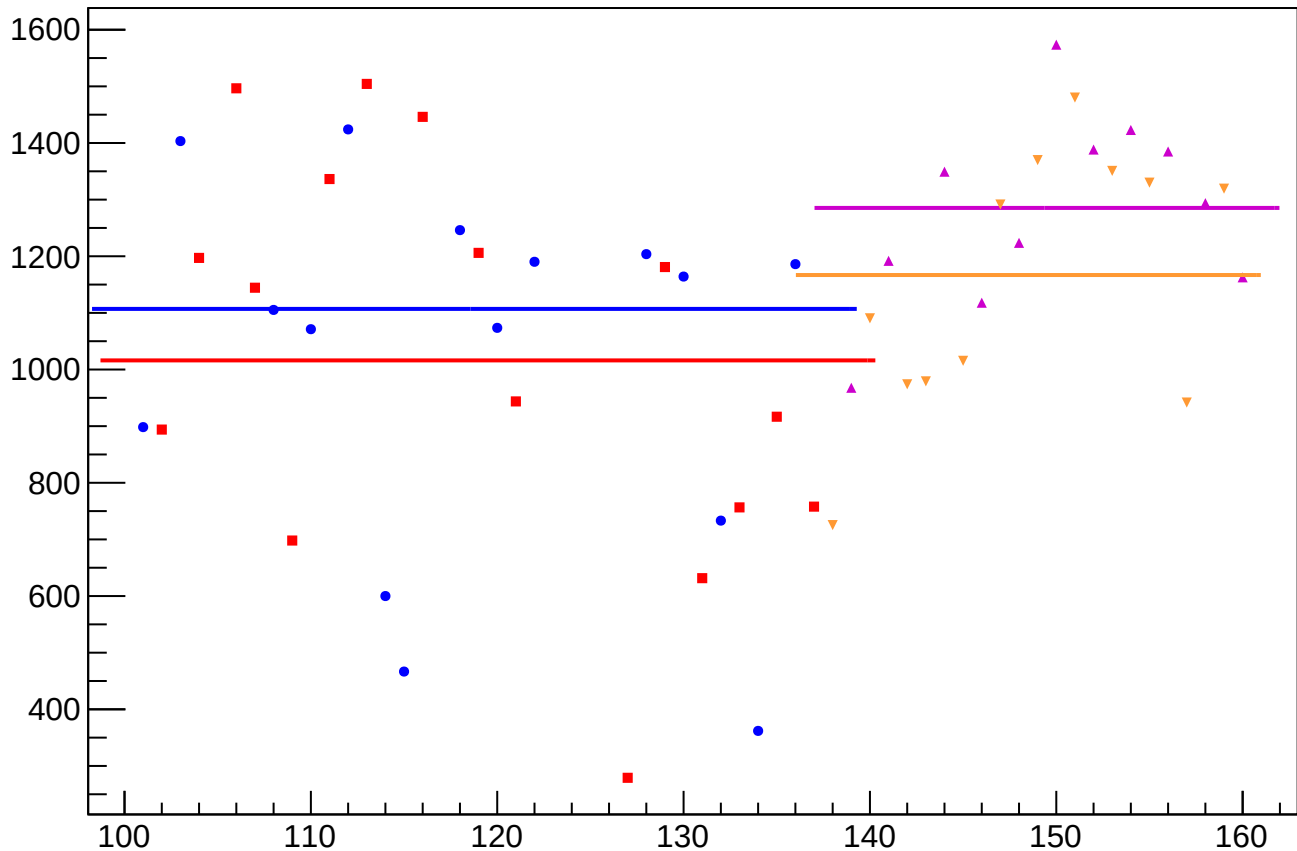
dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000	χ^2/NDF : 1590295171022705157509900448825344.0/14
Left Out: 7.360+/-0.000	χ^2/NDF : 4580380755239365503585140070154240.0/11
Right Out: 6.245+/-0.000	χ^2/NDF : 1816529163105006938510976985595904.0/15
Left In: 6.773+/-0.000	χ^2/NDF : 1545880653062872635060205832372224.0/10

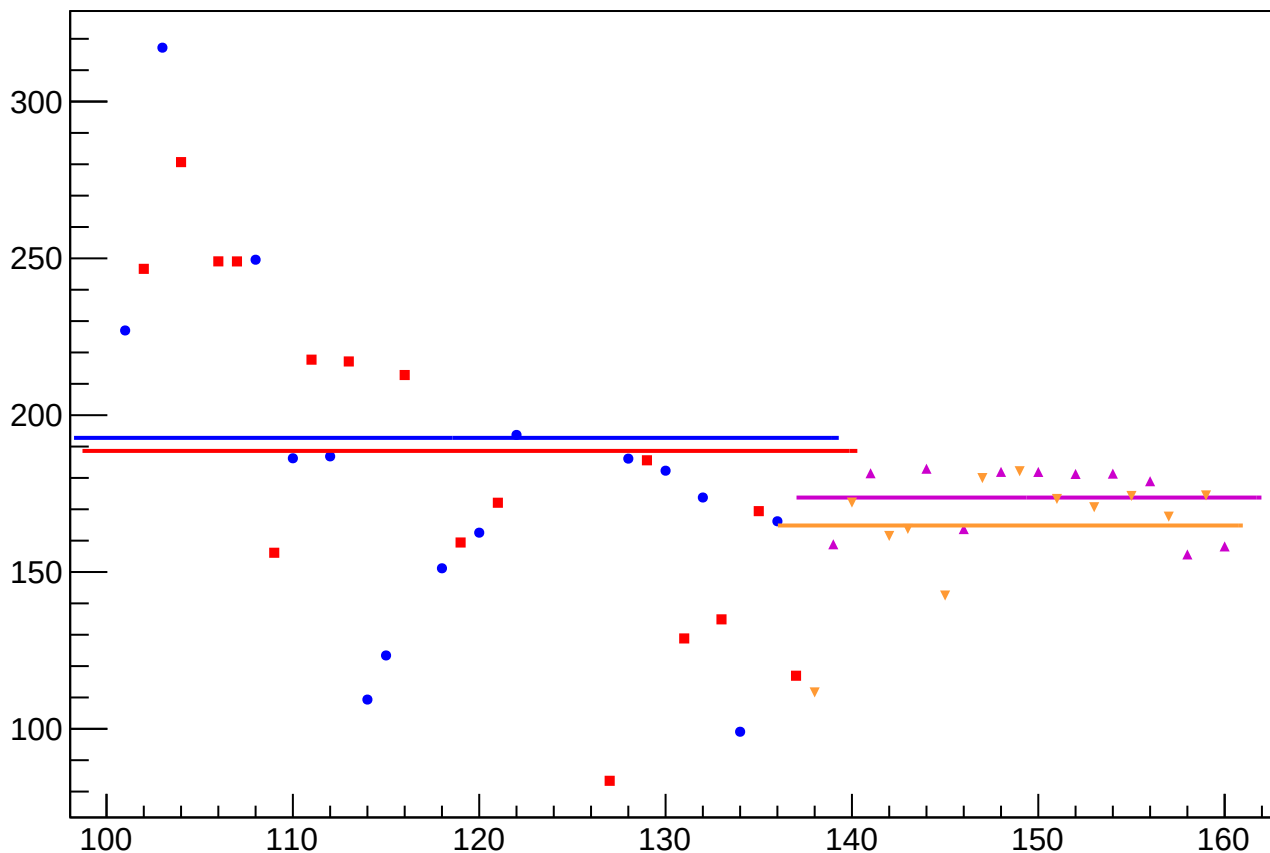
+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869
 All: 6.689+/-0.000 χ^2/NDF : 1032305053905
 - sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_4aY_coil4_mean vs Slug



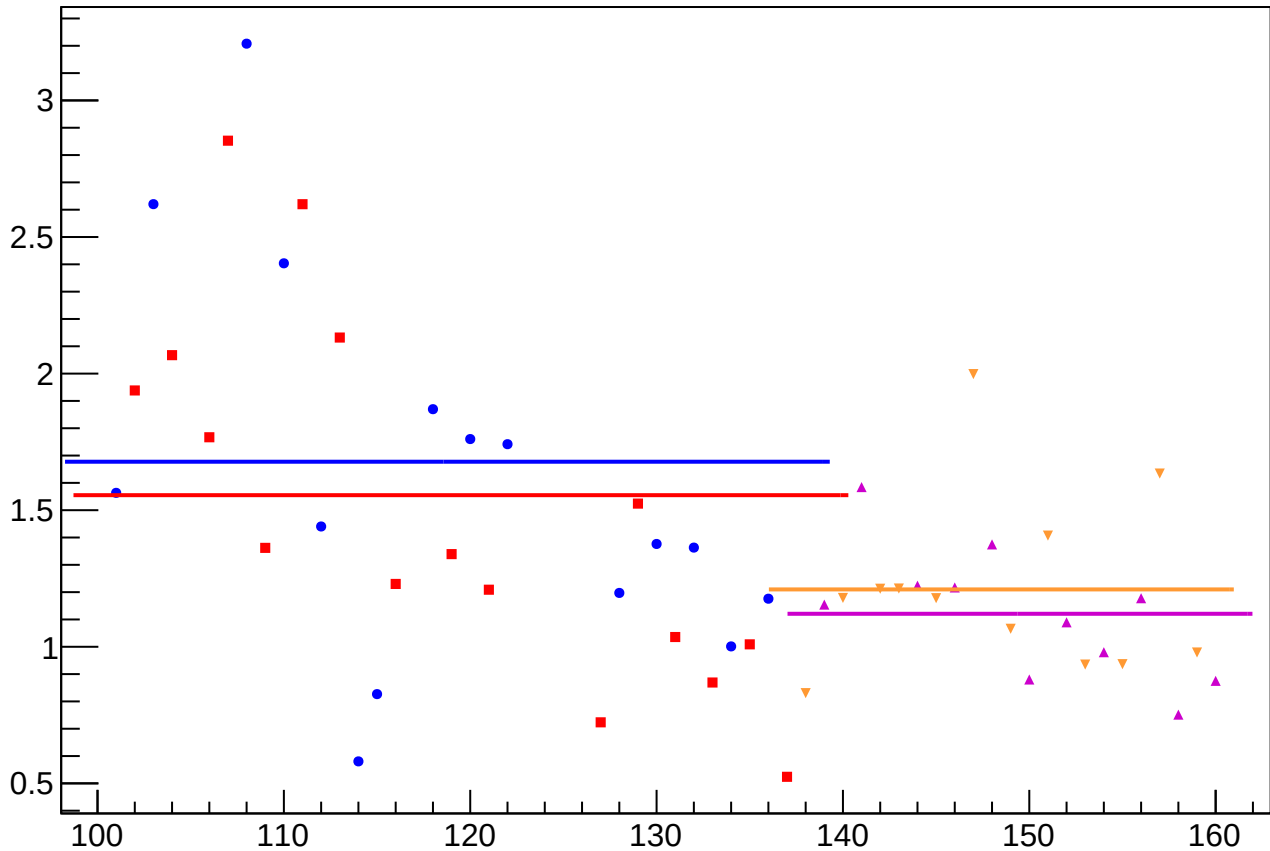
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 164.832+/-0.000 χ^2/NDF : 331248867631864480349687016910225408.0/11

Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: 173.738+/-0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

dit_4aY_coil4_err_mean vs Slug



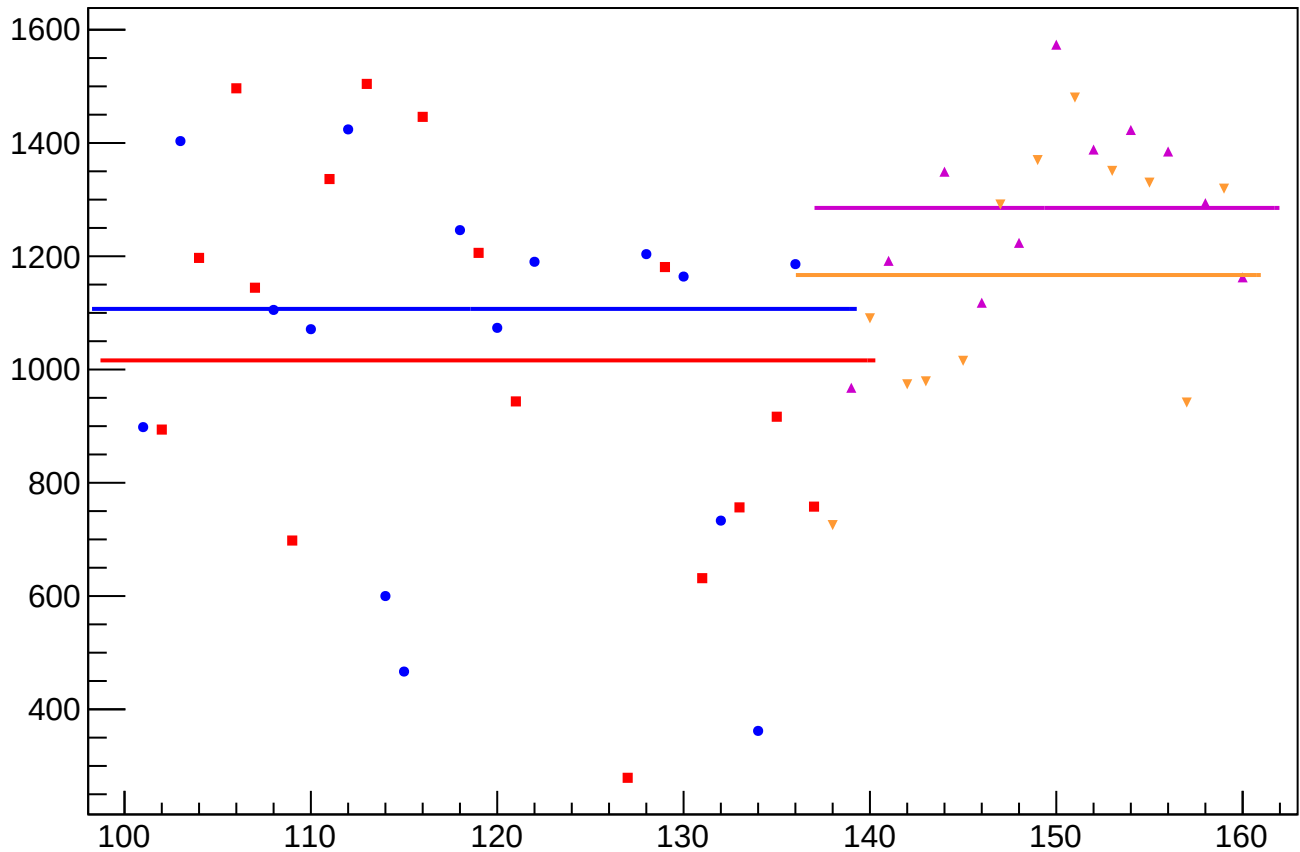
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.210 $\pm$ 0.000 χ^2 /NDF: 95500502458420026672384705560576.0/11

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

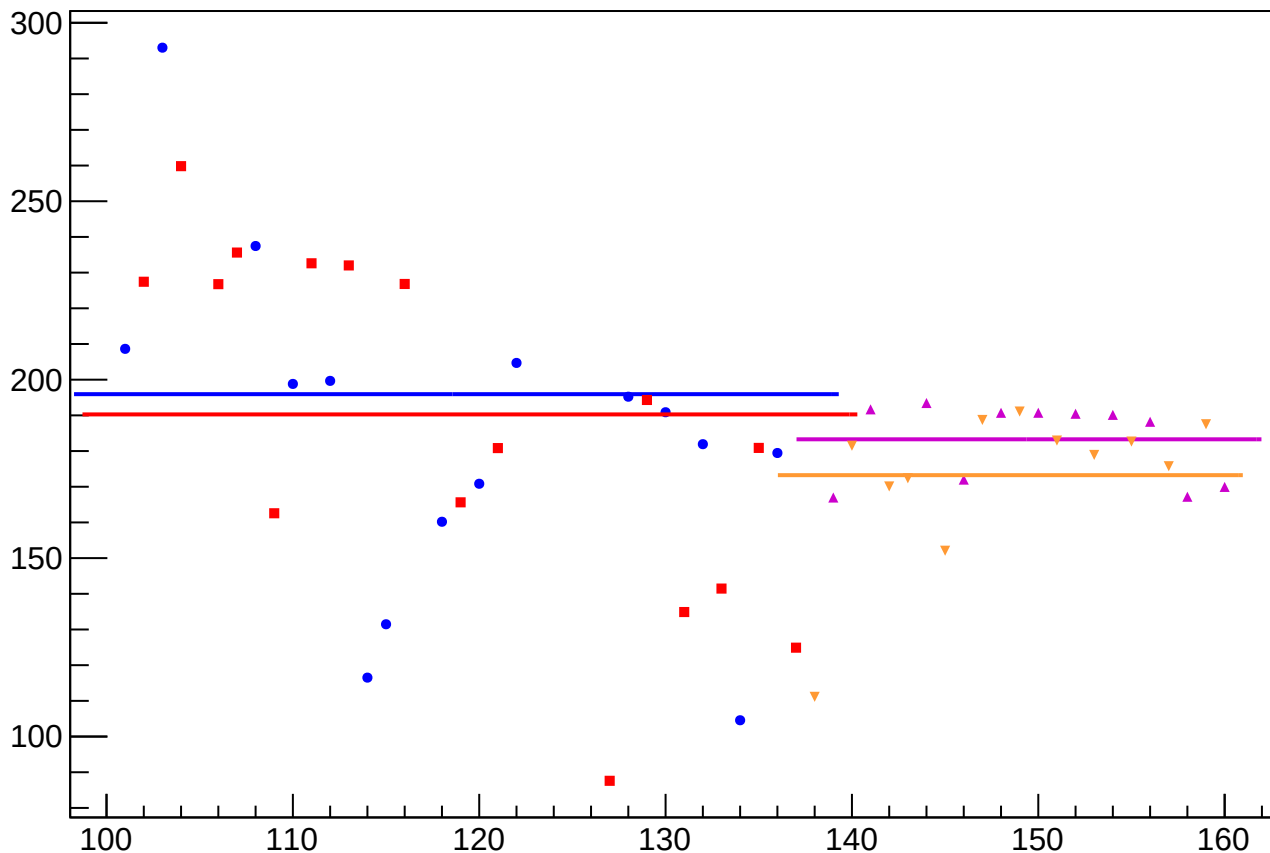
Left In: 1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 173.245+/-0.000 χ^2/NDF : 421189743022312956779621222954565632.0/11

Right Out: 190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

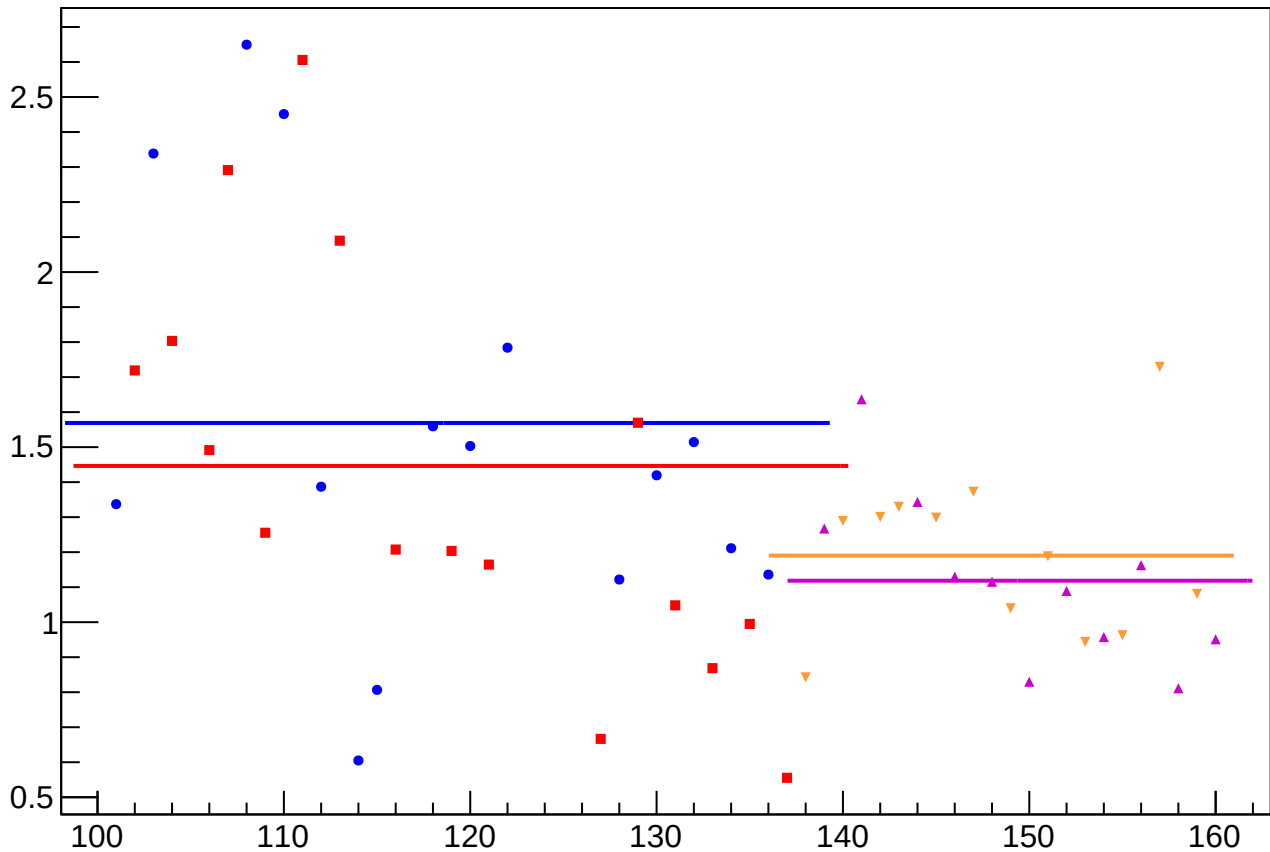
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

+ sign 182.669+/-0.000 χ^2/NDF : 167456742062075

All: 184.458+/-0.000 χ^2/NDF : 327355677904

- sign 186.216+/-0.000 χ^2/NDF : 158906987548328

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.190 $\pm$ 0.000 χ^2 /NDF: 50745822936032217336144814145536.0/11

Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15

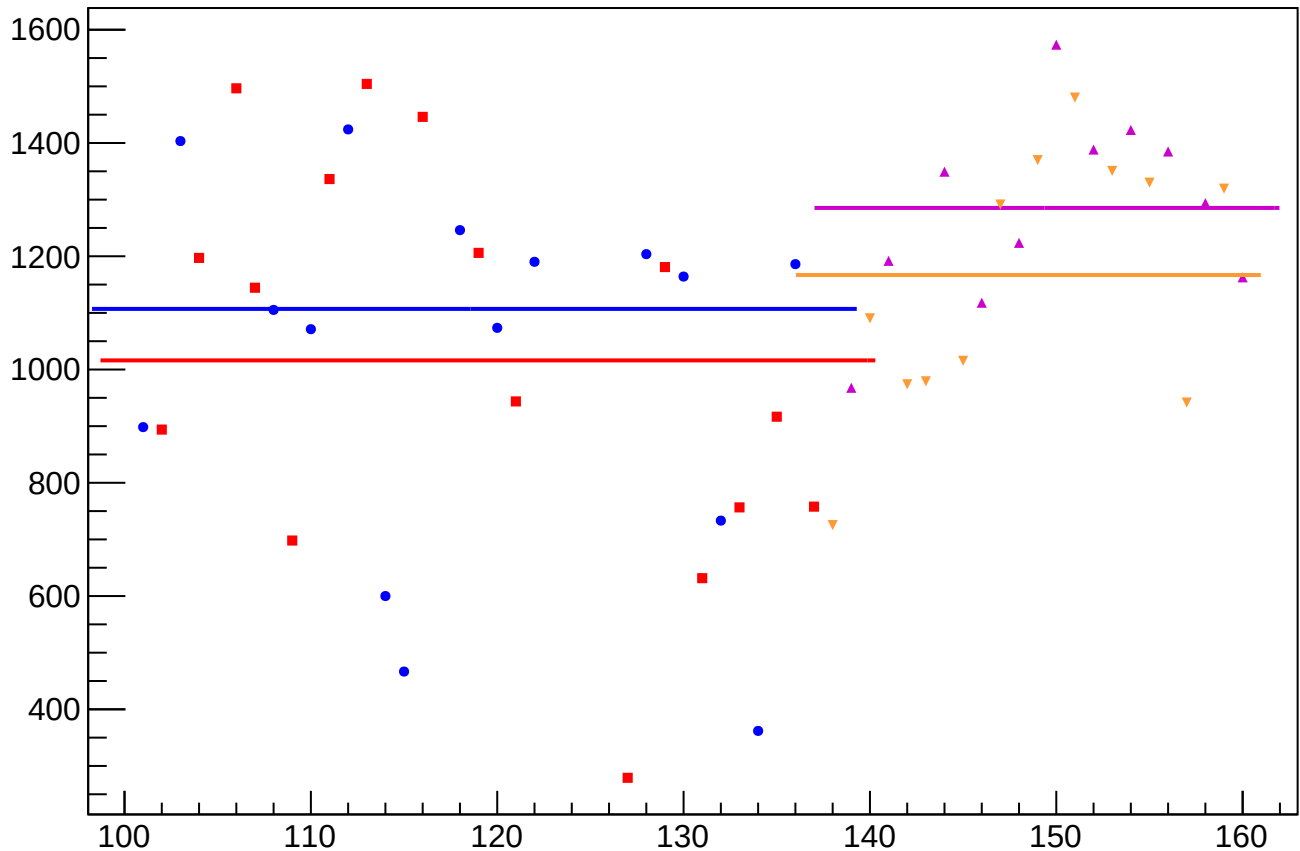
Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 48973496995723480911801365823488.0/10

+ sign 1.347 $\pm$ 0.000 χ^2 /NDF: 26805645085959175

All: 1.301 $\pm$ 0.000 χ^2 /NDF: 56157588721998

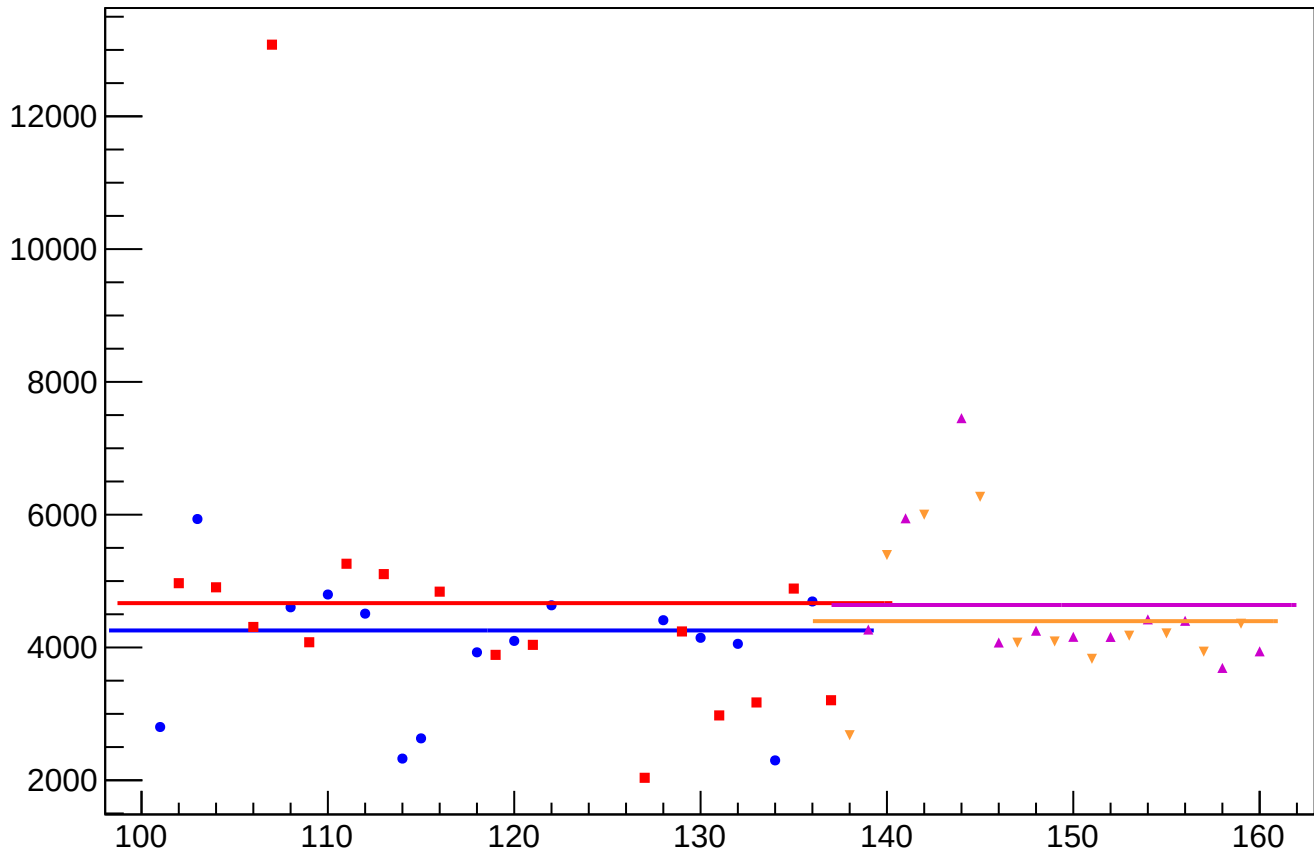
- sign 1.256 $\pm$ 0.000 χ^2 /NDF: 28690992559145743

dit_4eY_coil4_Ndata_mean vs Slug



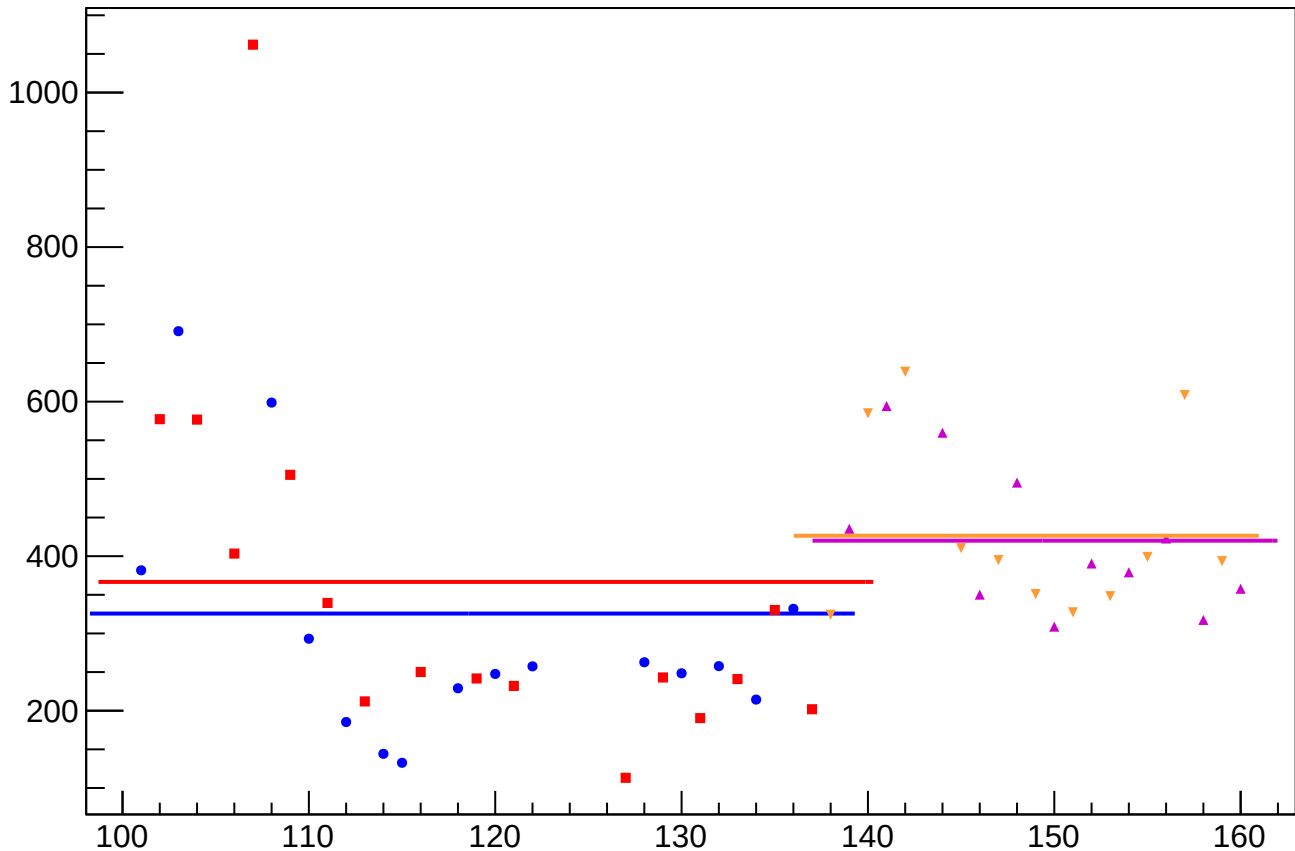
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_usl_coil4_mean vs Slug



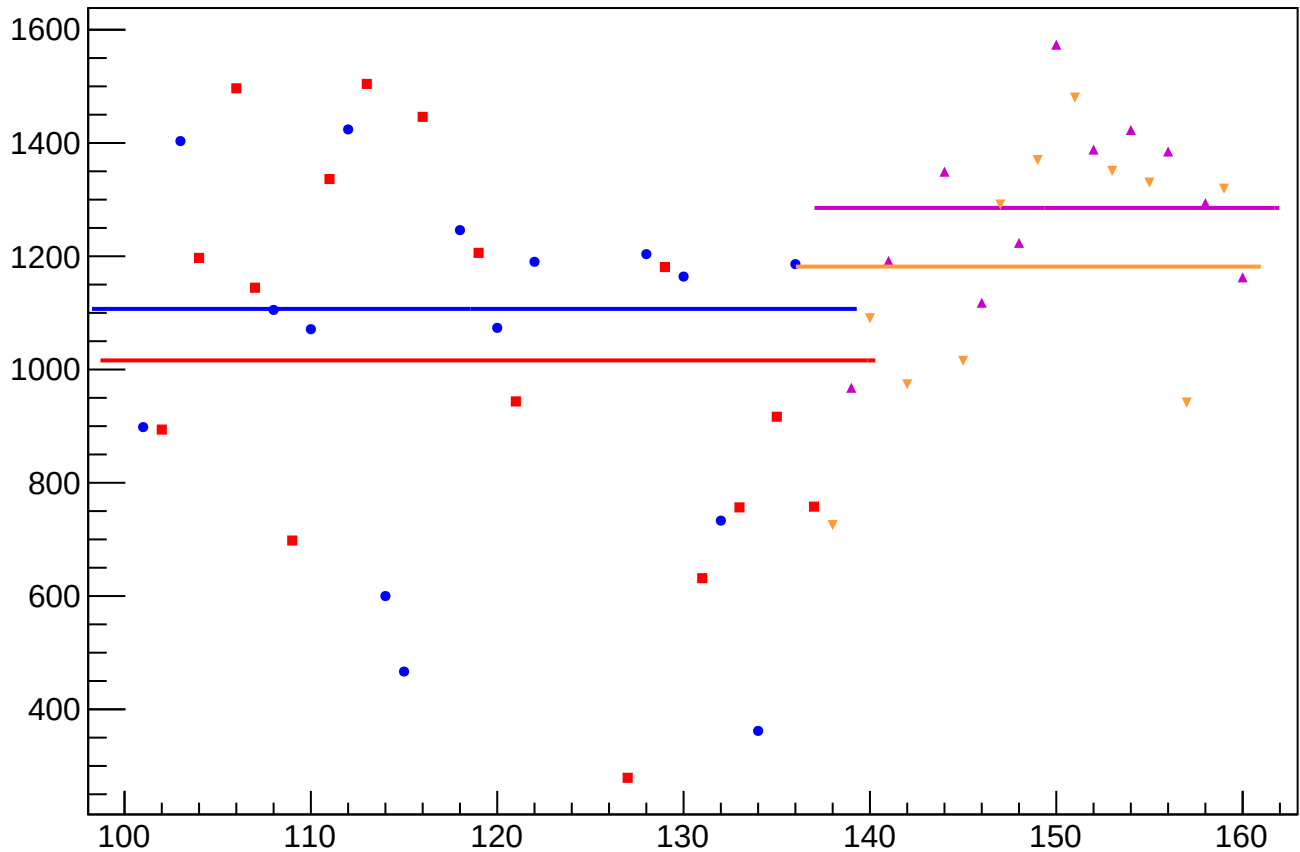
Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14	+ sign 4335.661+/-0.000	χ^2/NDF : 12734954654857
Left Out: 4396.403+/-0.000	χ^2/NDF : 767686308157486440179100240552638021632.0/10	All: 4498.481+/-0.000	χ^2/NDF : 56111214278
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15	- sign 4651.578+/-0.000	χ^2/NDF : 42606752336216
Left In: 4639.846+/-0.000	χ^2/NDF : 1058446303743243170530981239939506634752.0/10		

dit_usl_coil4_err_mean vs Slug



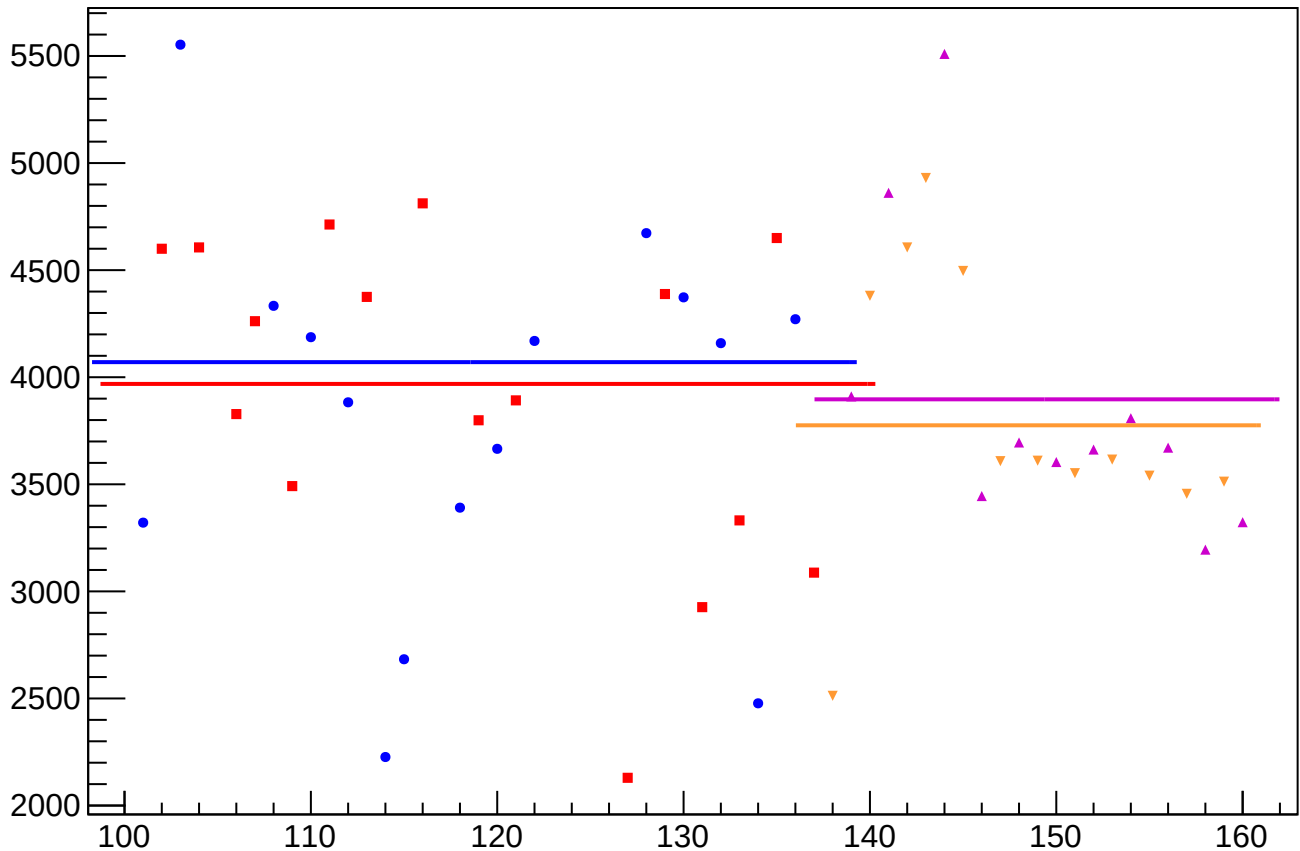
Right In: 325.732+/-0.000	χ^2/NDF : 14633359567940244123897242769854300160.0/14	+ sign 382.754+/-0.000	χ^2/NDF : 279252260301187
Left Out: 426.446+/-0.000	χ^2/NDF : 9564737566607591468000084323542761472.0/10	All: 390.448+/-0.000	χ^2/NDF : 690046326749
Right Out: 366.682+/-0.000	χ^2/NDF : 32097250699947956409117440115398934528.0/15	- sign 397.684+/-0.000	χ^2/NDF : 409075450012092
Left In: 420.062+/-0.000	χ^2/NDF : 7706514276709269263404419491802644480.0/10		

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1181.721 +/- 0.000 χ^2/NDF : 42102883856321275256821029062509068288.0/10
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

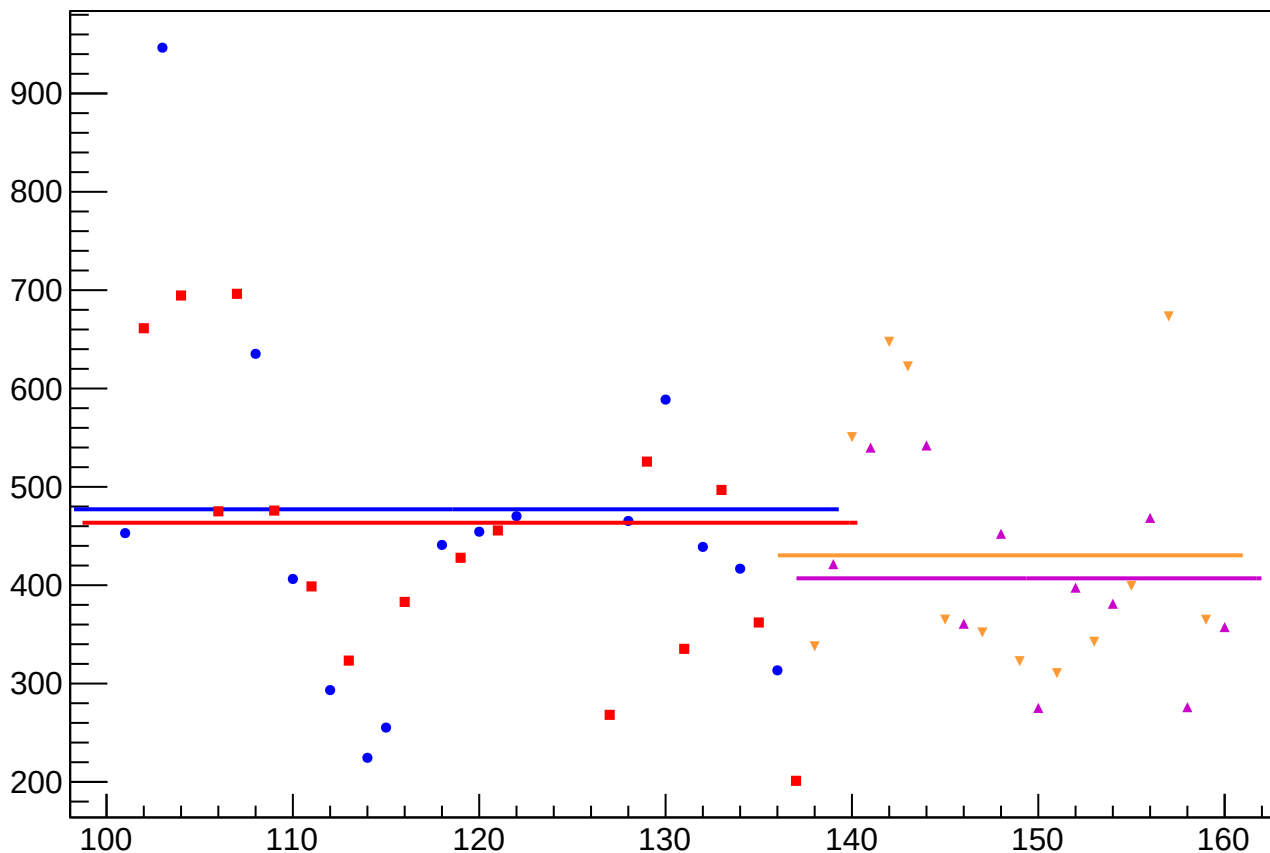
dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000	χ^2/NDF : 343281875282695739956383156295247593472.0/14
Left Out: 3775.469+/-0.000	χ^2/NDF : 344611737456116155441573311529372090368.0/11
Right Out: 3968.723+/-0.000	χ^2/NDF : 359955880326194784467353369492594884608.0/15
Left In: 3896.757+/-0.000	χ^2/NDF : 412530714584693730225130204014353317888.0/10

+ sign 3897.950+/-0.000 χ^2/NDF : 72091549867108
 All: 3912.568+/-0.000 χ^2/NDF : 14960703302
 - sign 3926.928+/-0.000 χ^2/NDF : 77449278990952

dit_usr_coil4_err_mean vs Slug



Right In: 477.186 $\pm$ 0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 430.385 $\pm$ 0.000 χ^2/NDF : 15124863187063515916775500602167787520.0/11

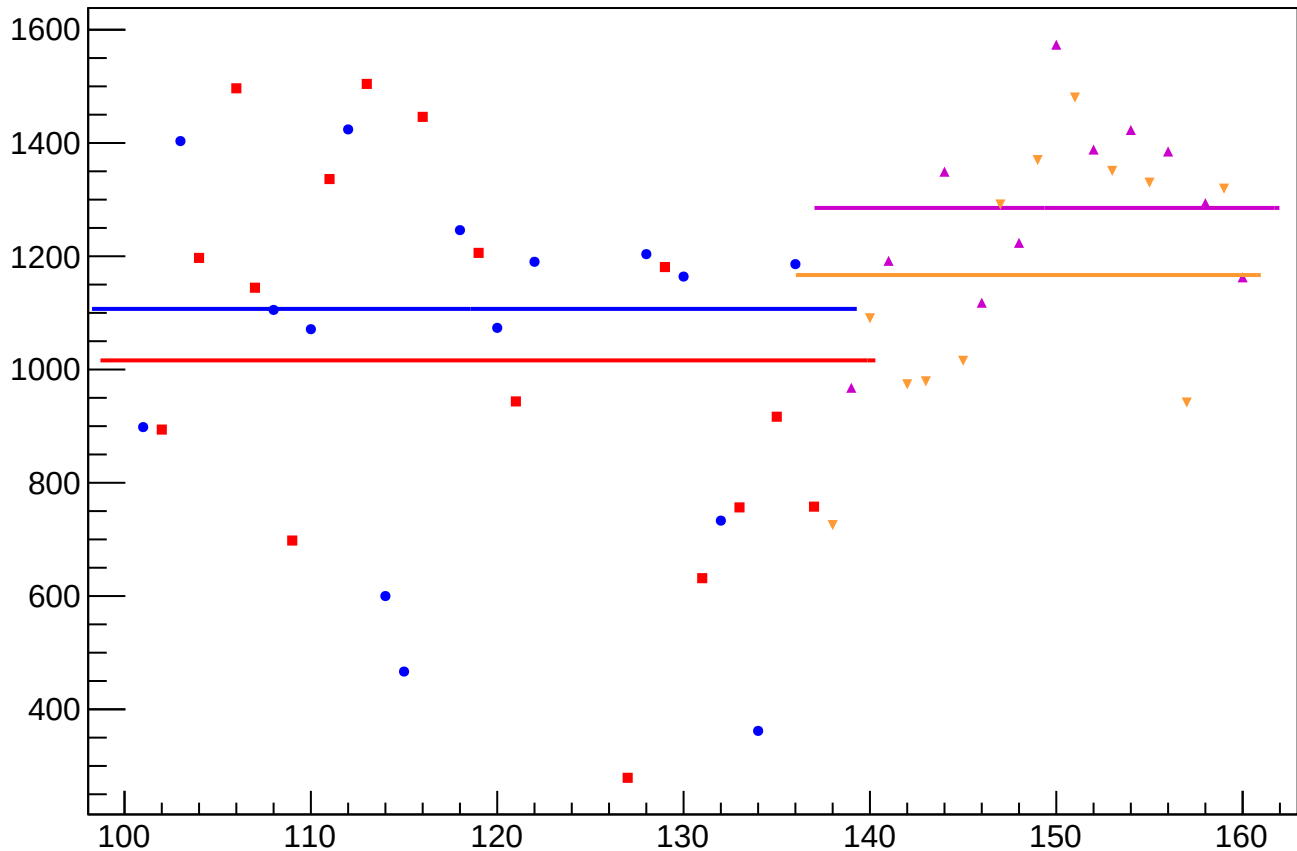
Right Out: 463.513 $\pm$ 0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

Left In: 406.990 $\pm$ 0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

All: 440.167 $\pm$ 0.000 χ^2/NDF : 575090441202

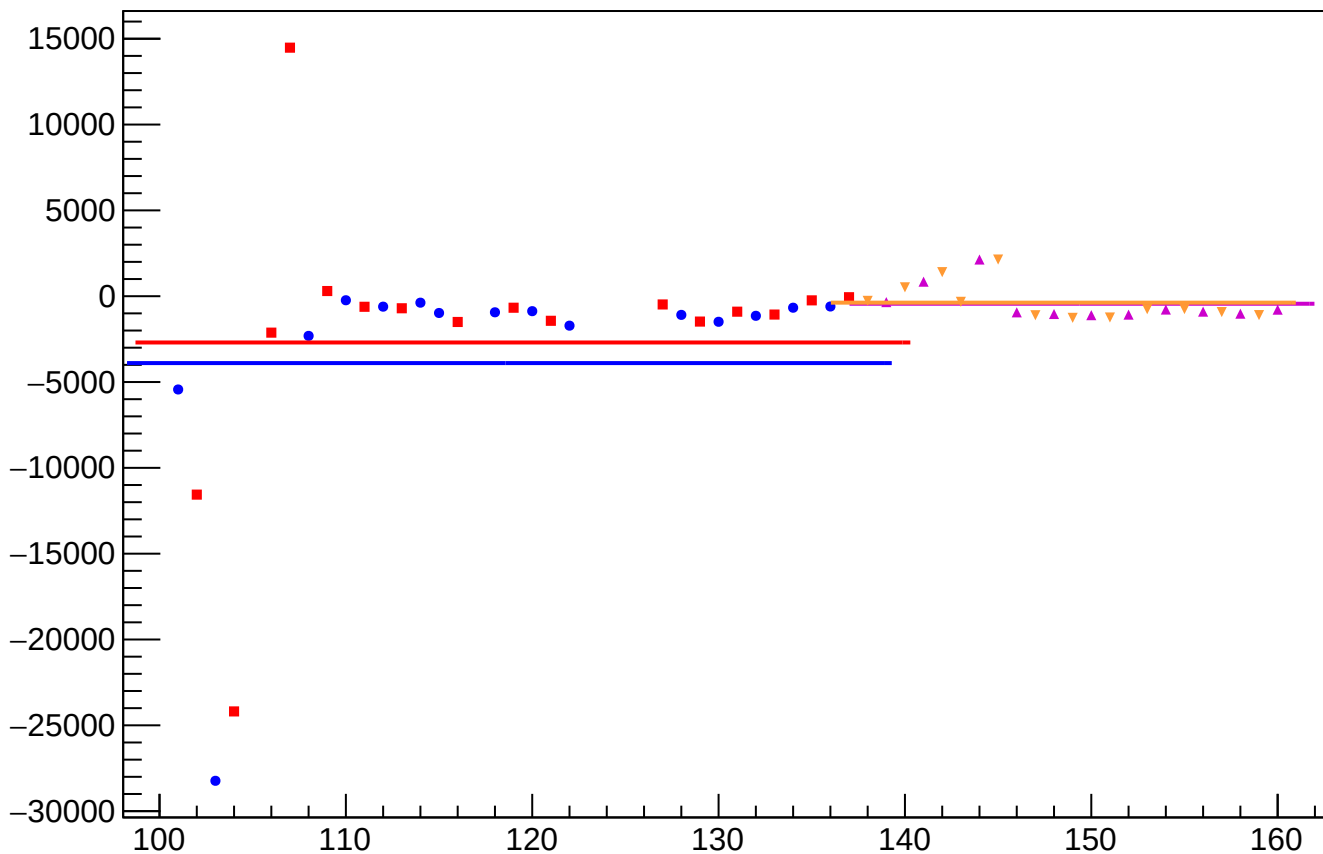
- sign 430.686 $\pm$ 0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



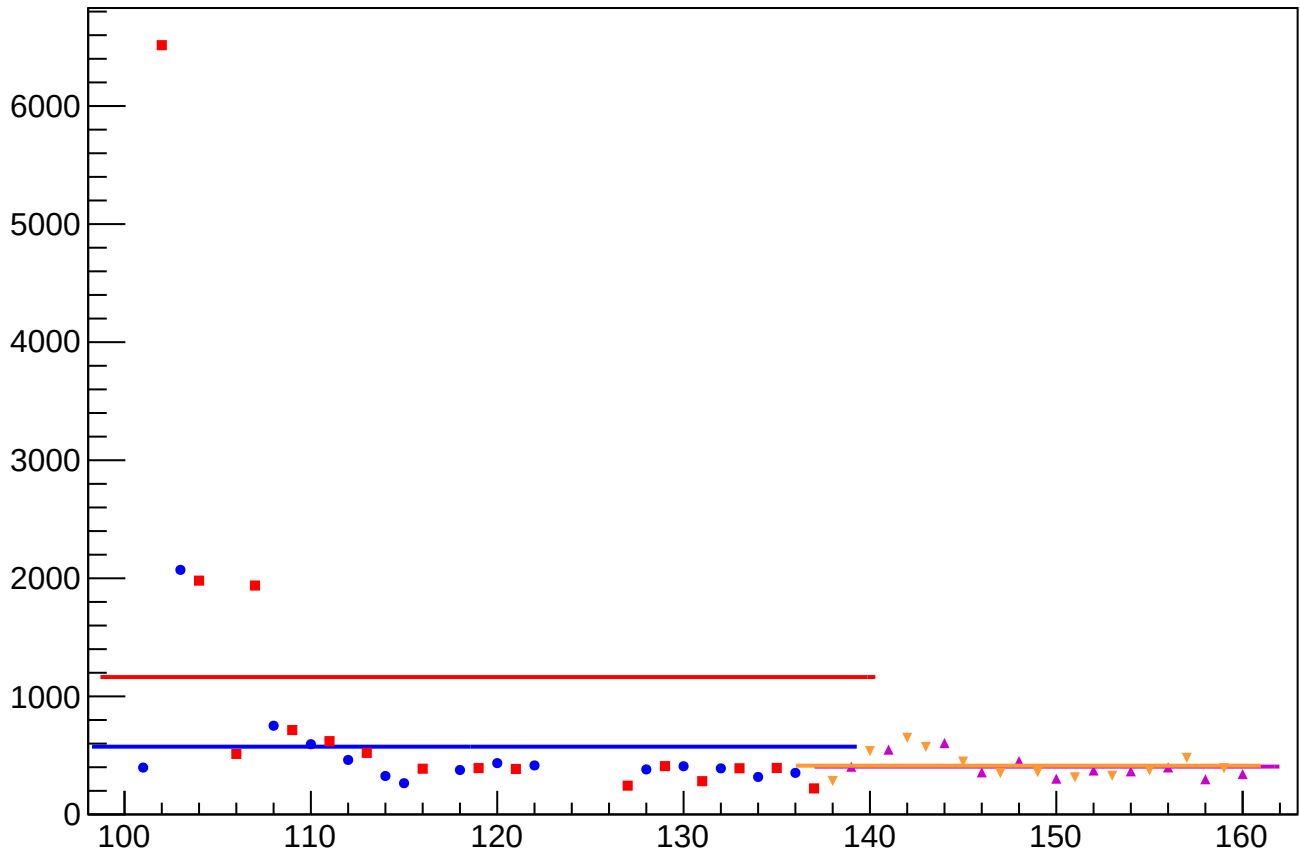
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_atl1_coil4_mean vs Slug



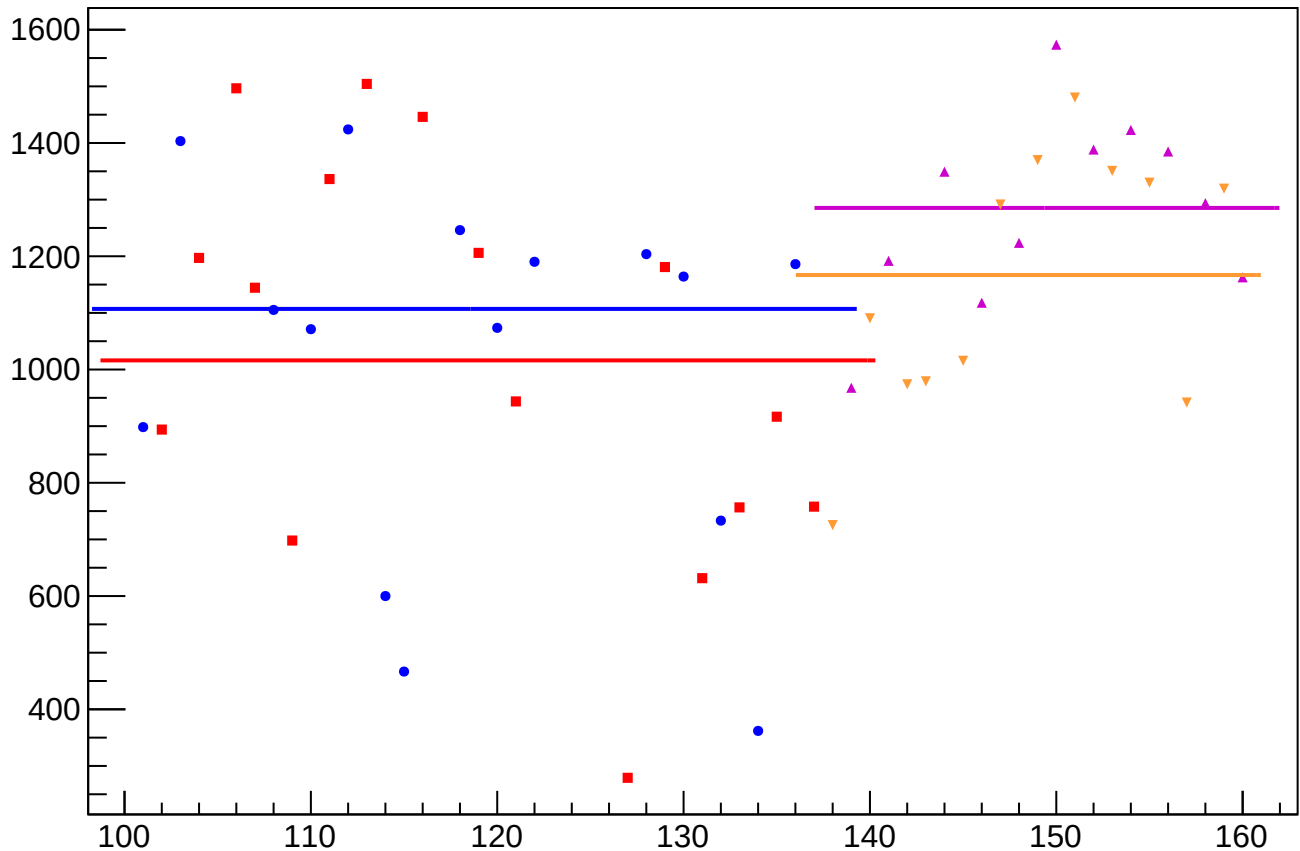
Right In: -3896.522 ± 0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430 ± 0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992 ± 0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289 ± 0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10
 + sign -1837.483 ± 0.000 χ^2/NDF : 4528252222957
 All: -1609.422 ± 0.000 χ^2/NDF : 8915994509
 - sign -1385.374 ± 0.000 χ^2/NDF : 43716264222774

dit_atl1_coil4_err_mean vs Slug



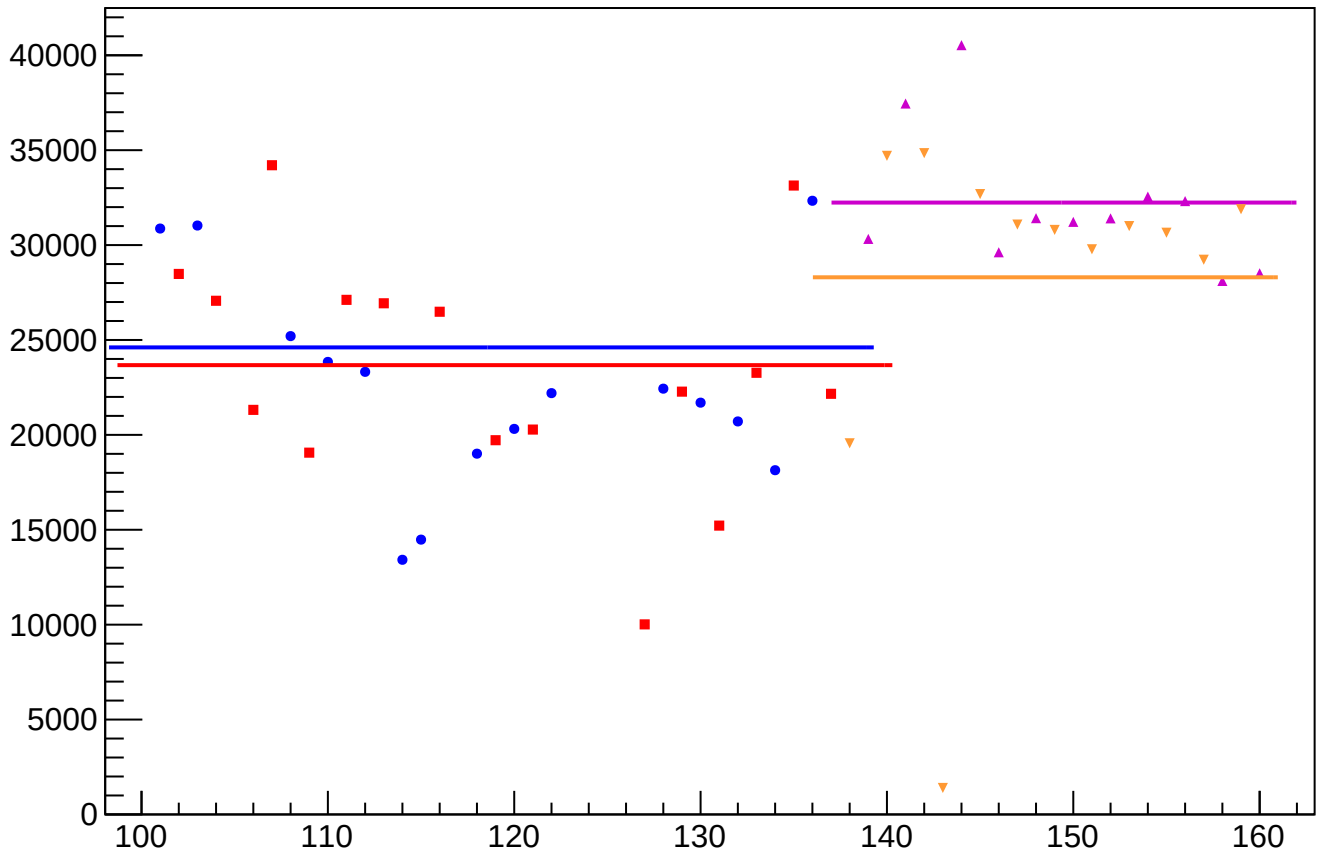
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 413.017+/-0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
 Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371+/-0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

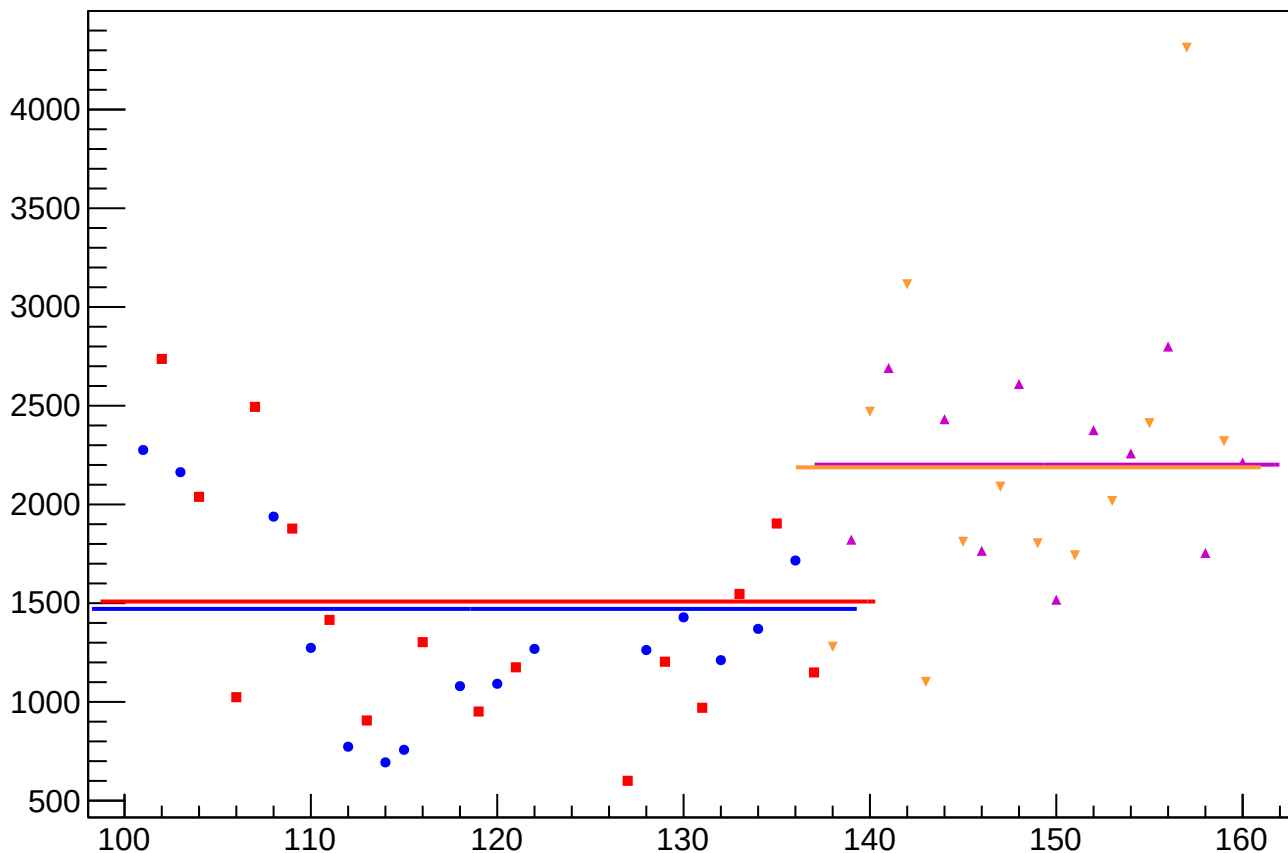
dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 28302.359+/-0.000	χ^2/NDF : 64743960576526073147852789326823934656512.0/11
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 32239.303+/-0.000	χ^2/NDF : 11931397875663177142812829998803541032960.0/10

+ sign 26768.677+/-0.000 χ^2/NDF : 8747719496851
 All: 27716.891+/-0.000 χ^2/NDF : 1554384105
 - sign 28648.418+/-0.000 χ^2/NDF : 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF : 593858516090535186702207521640824176640.0/11

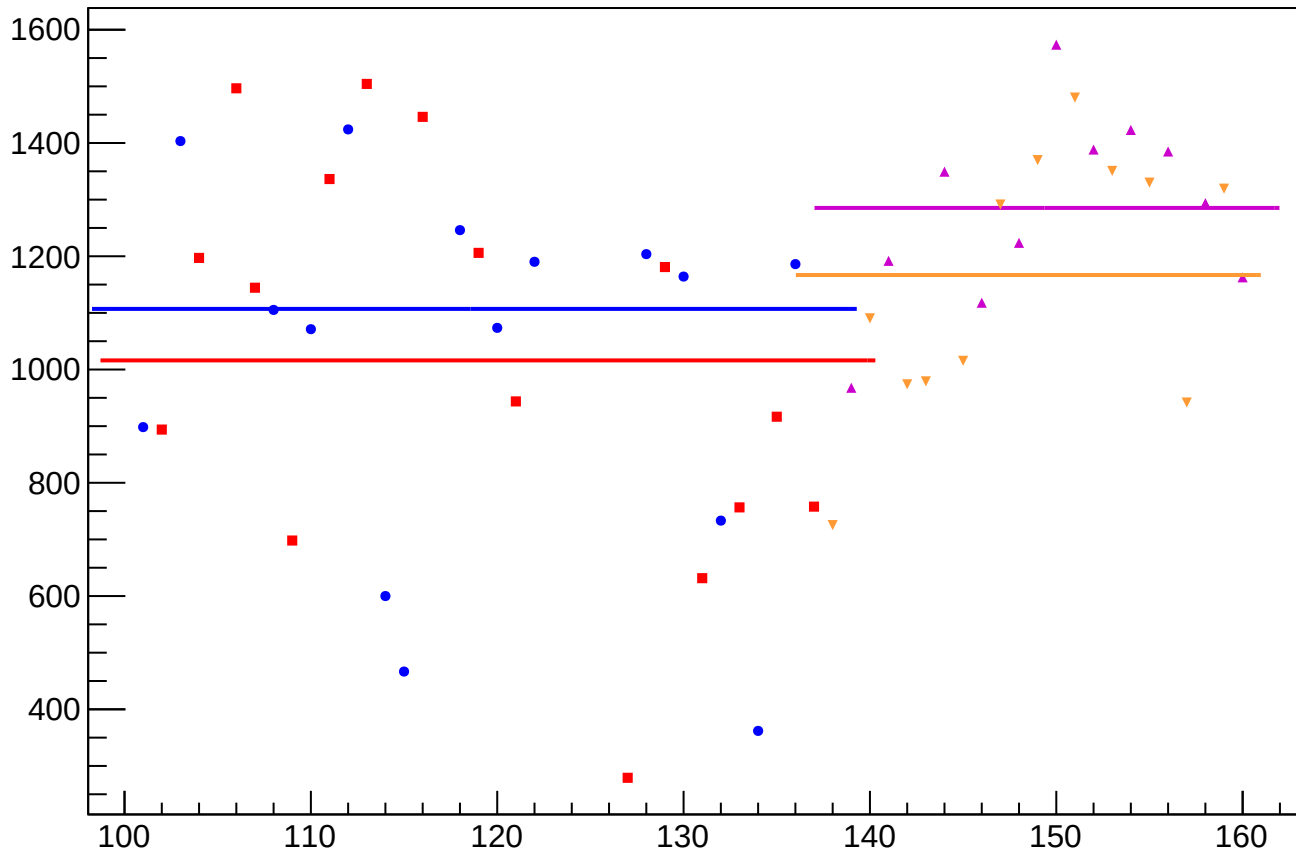
Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

All: 1900.786+/-0.000 χ^2/NDF : 15216070453

- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

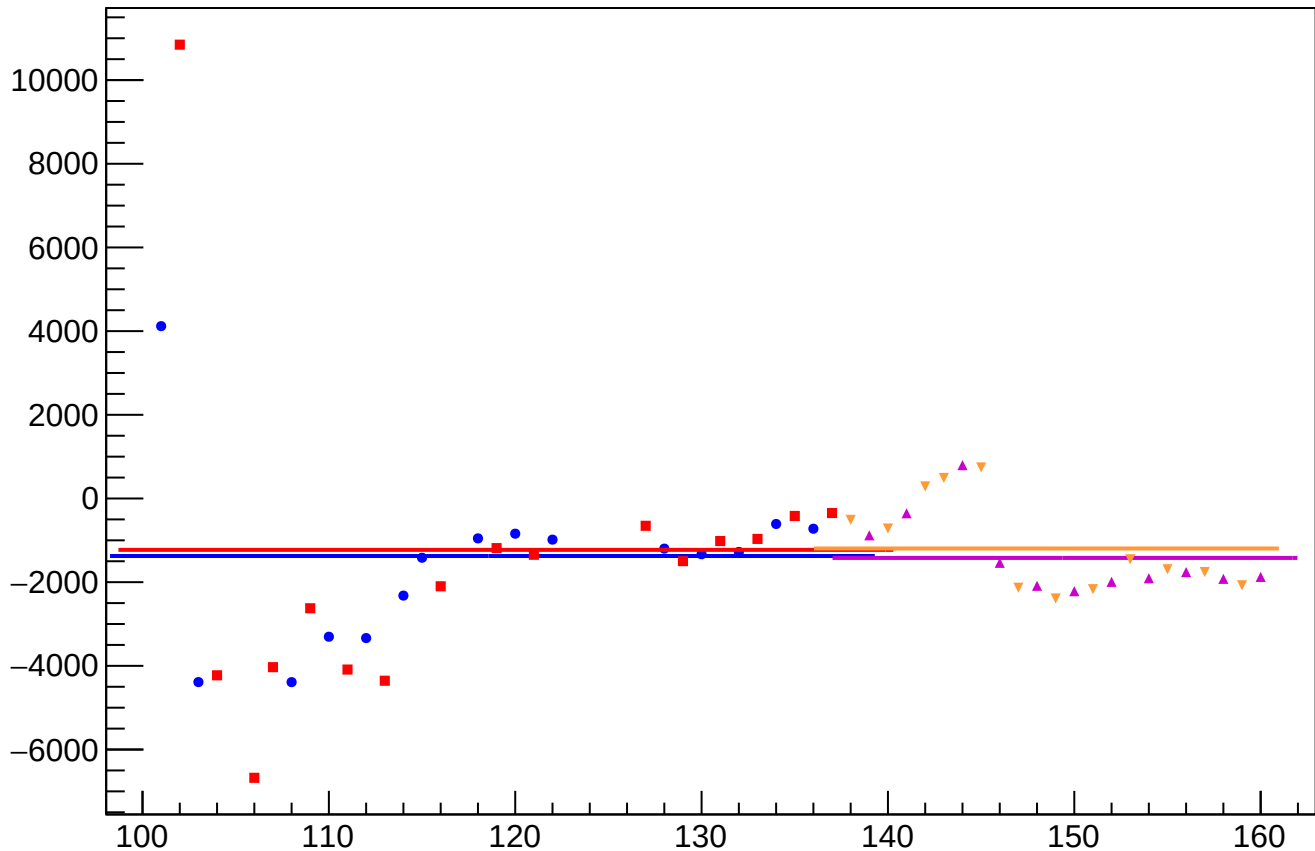
Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

+ sign 1142.031 $\pm$ 0.000 χ^2 /NDF: 86643588377316

All: 1157.392 $\pm$ 0.000 χ^2 /NDF: 21202911442

- sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

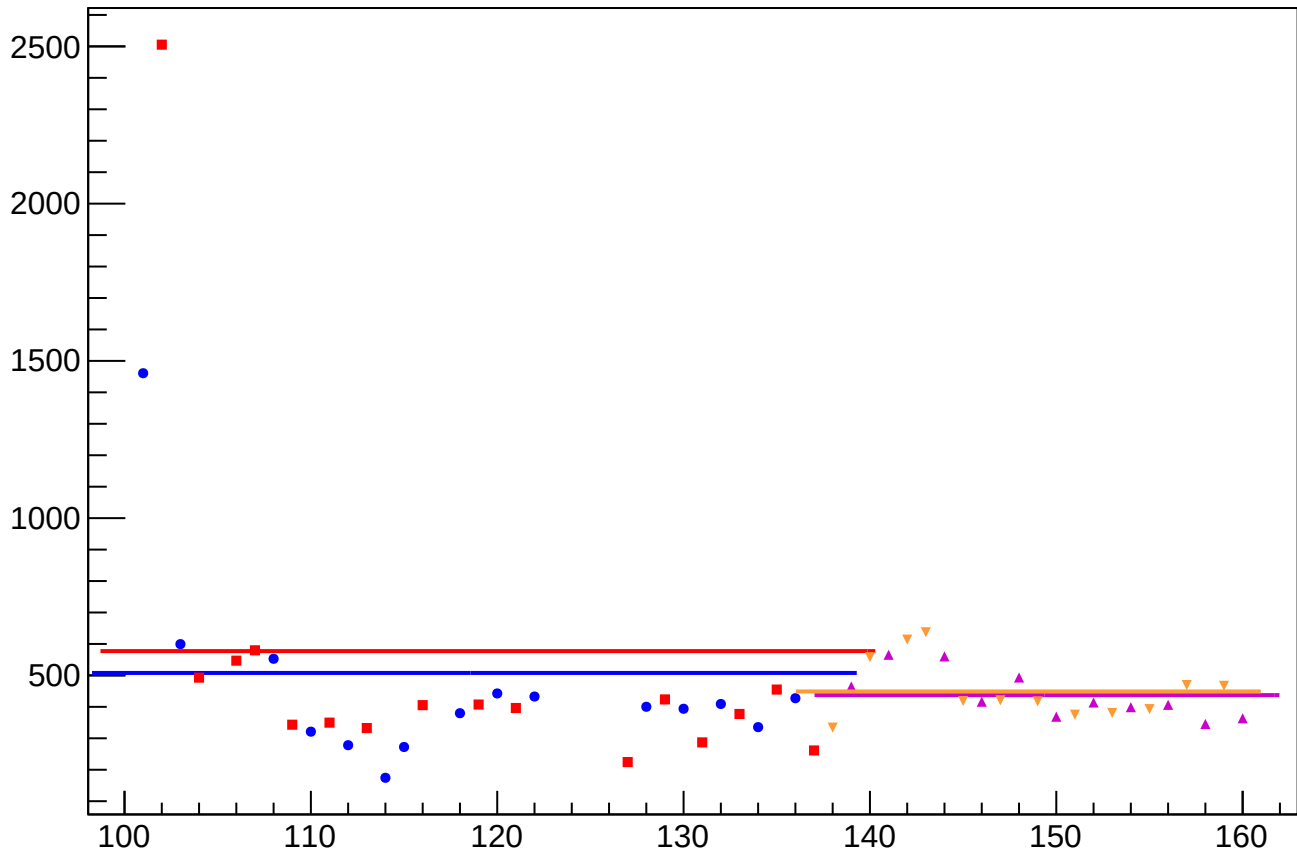
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1194.978+/-0.000	χ^2/NDF : 1012982164343735644721296583058593415168.0/11
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1420.806+/-0.000	χ^2/NDF : 747987085785920162637916932217361137664.0/10

+ sign -1269.525+/-0.000 χ^2/NDF : 4097990392534
 All: -1305.037+/-0.000 χ^2/NDF : 1597961645
 - sign -1339.925+/-0.000 χ^2/NDF : 11877718404583

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 448.905+/-0.000 χ^2/NDF : 6972444969041725929744111494148128768.0/11

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

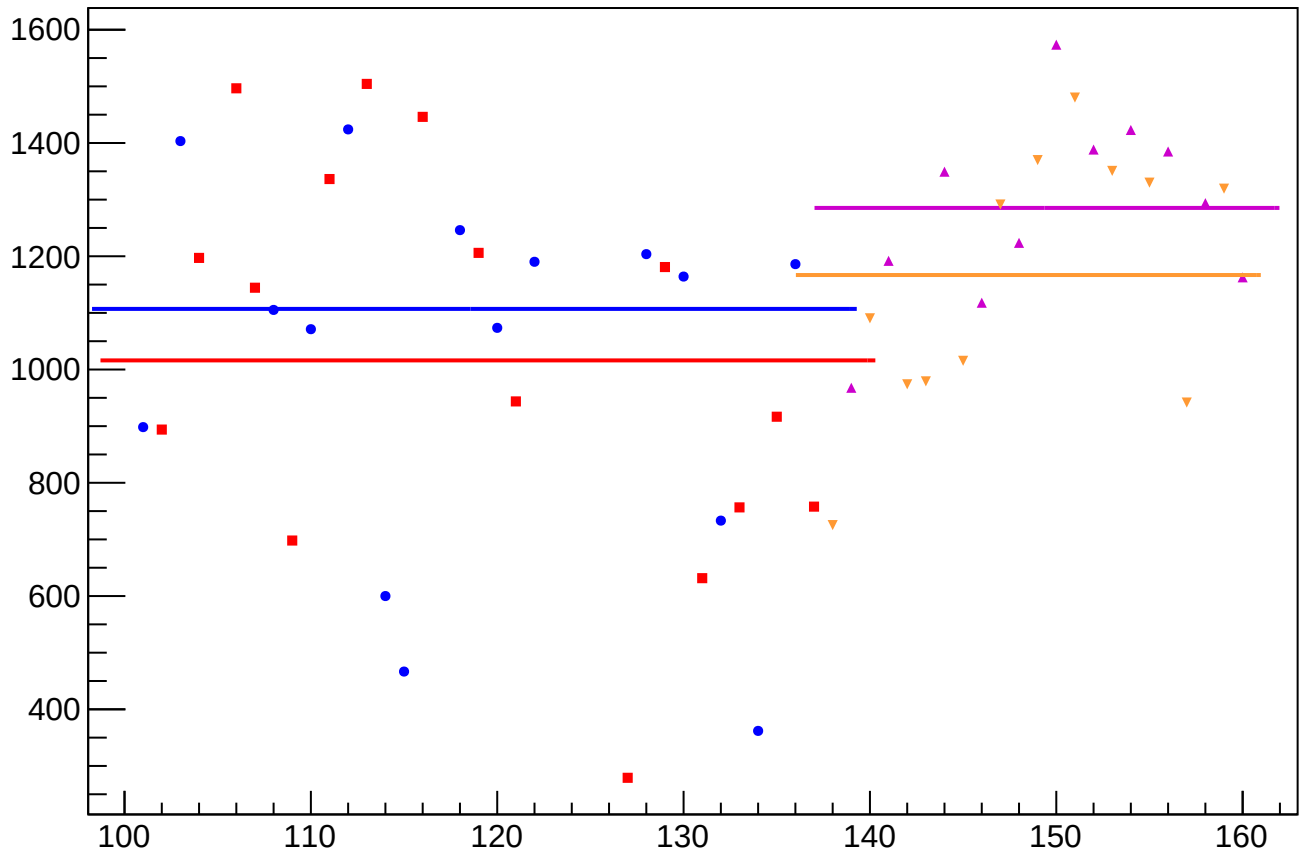
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

All: 484.772+/-0.000 χ^2/NDF : 326581423527

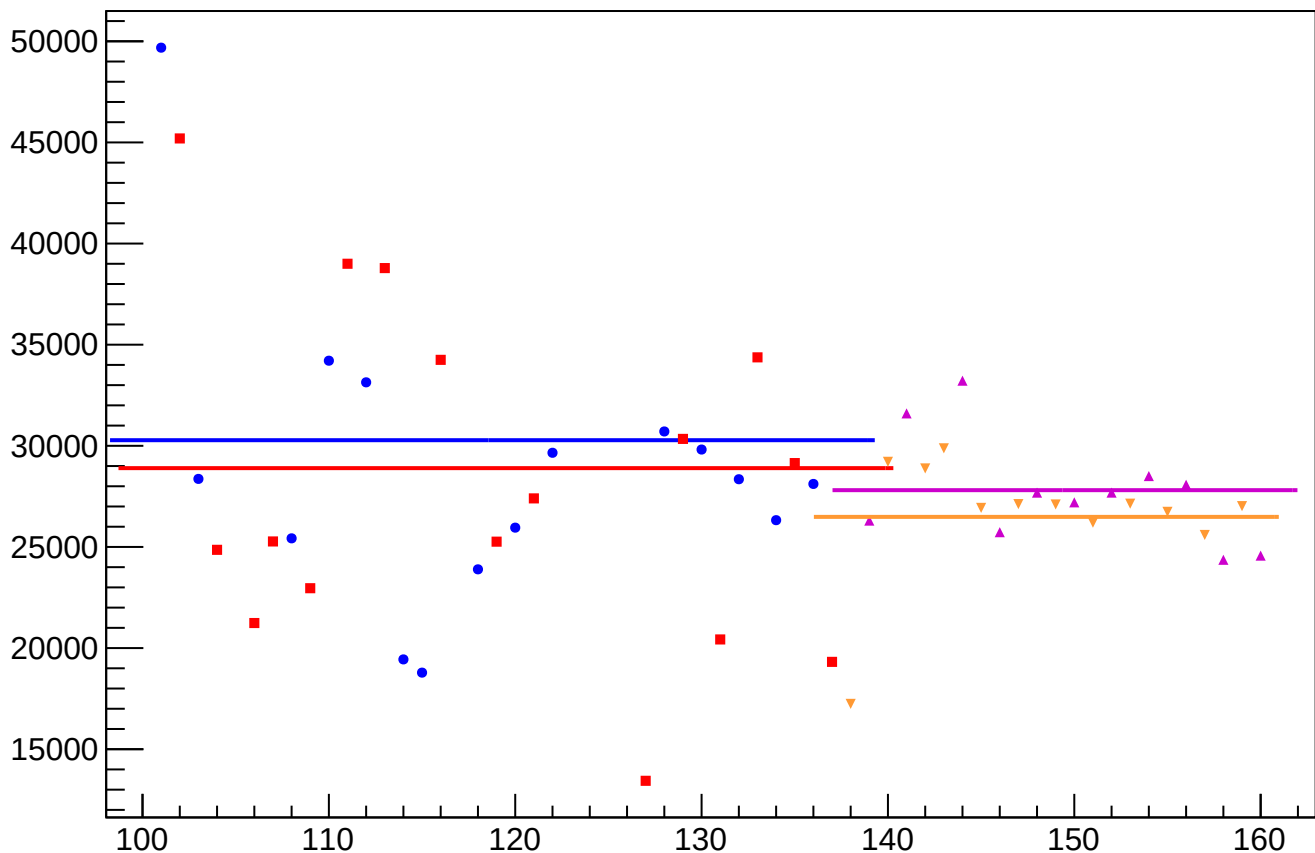
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

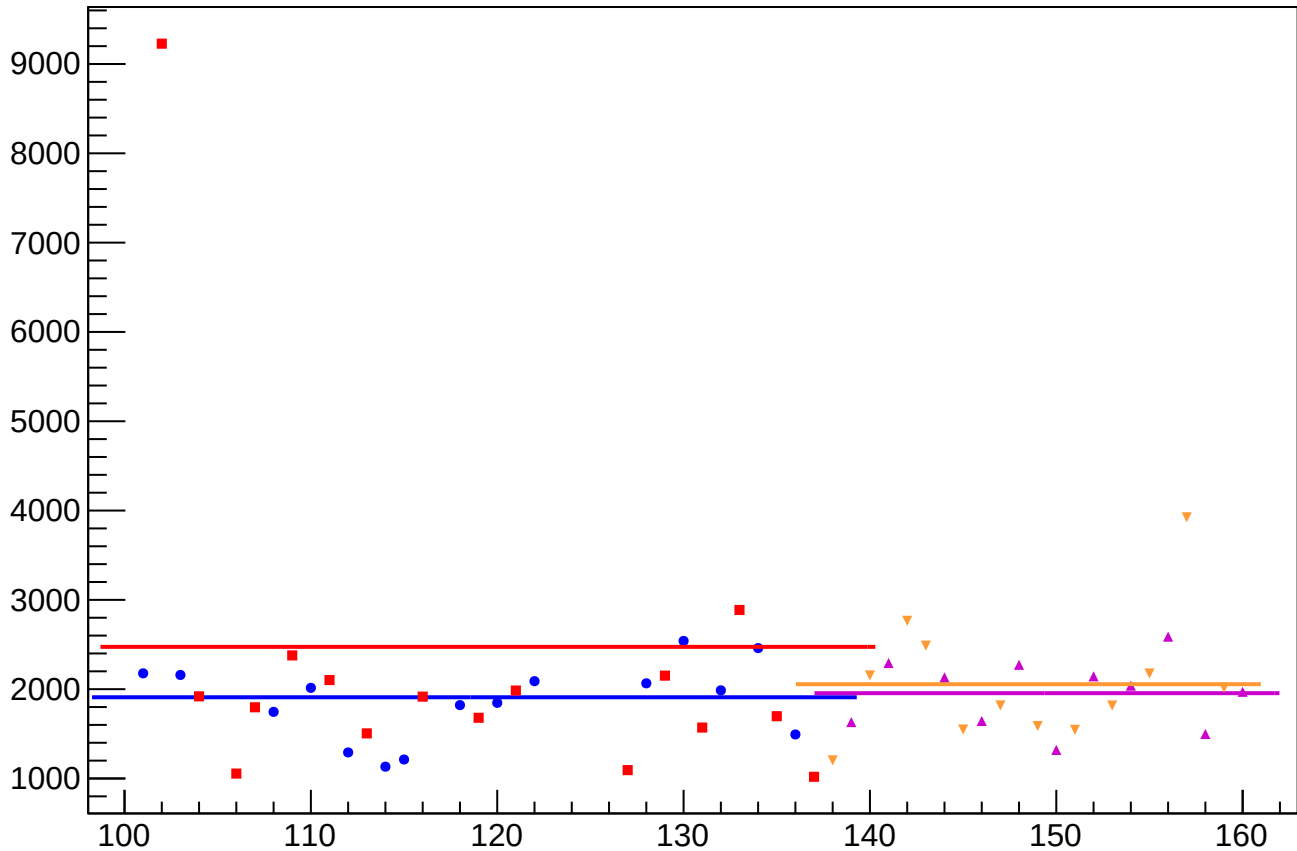
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26486.725+/-0.000	χ^2/NDF : 8520993483340987429131750717035884052480.0/11
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 27807.237+/-0.000	χ^2/NDF : 6193058620219899678835139815803642183680.0/10

+ sign 28060.820+/-0.000 χ^2/NDF : 4495105358177
 All: 28163.219+/-0.000 χ^2/NDF : 986055664
 - sign 28263.816+/-0.000 χ^2/NDF : 5362202344062

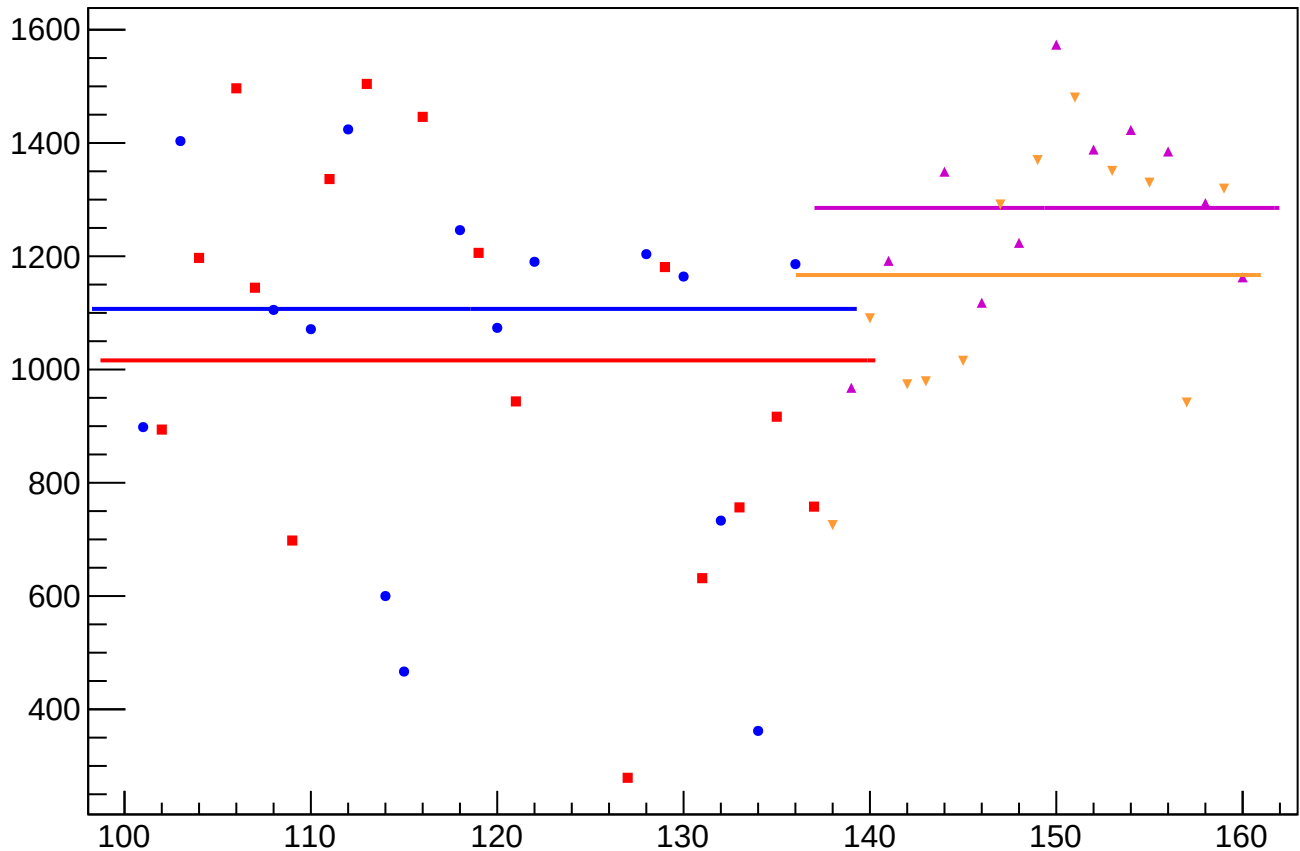
dit_atr2_coil4_err_mean vs Slug



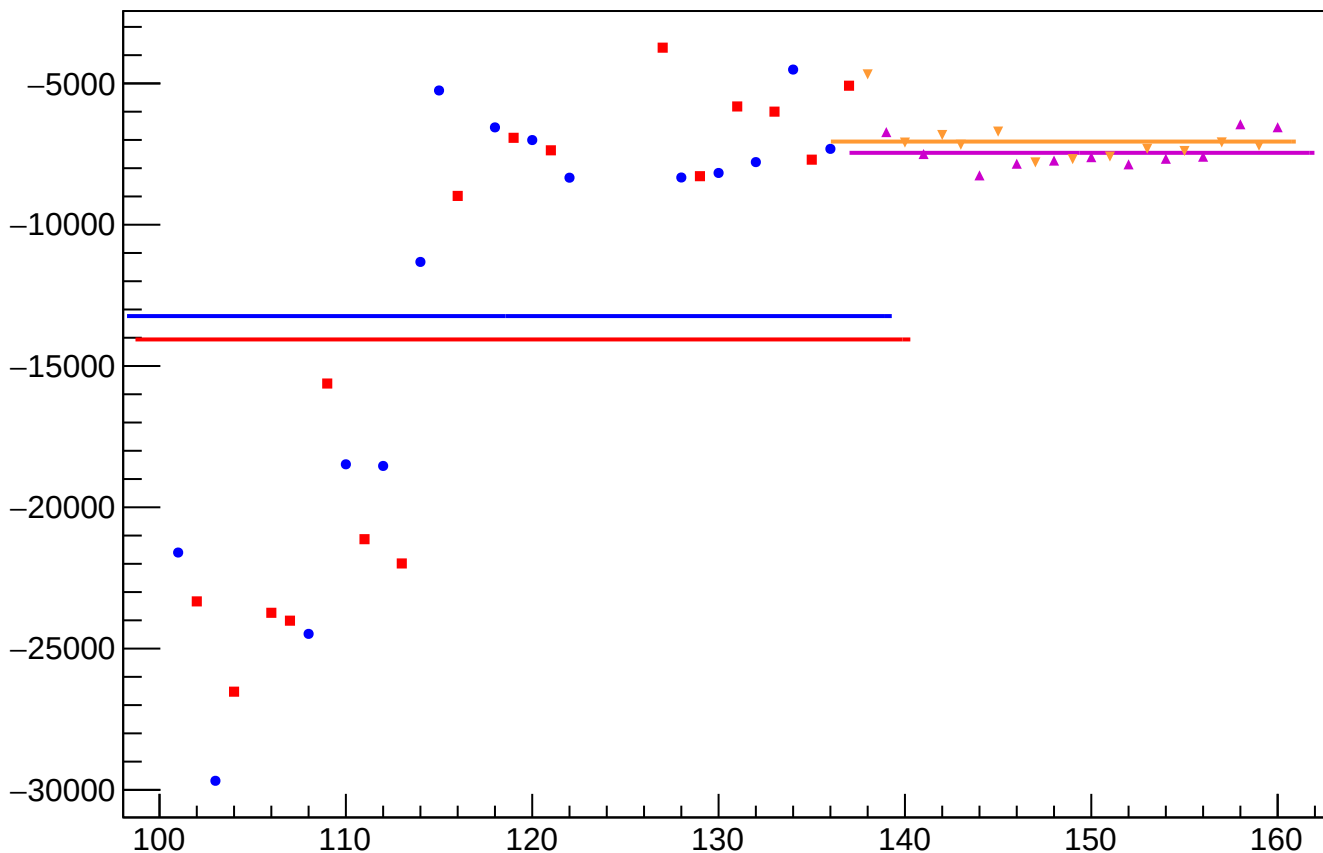
Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2055.788+/-0.000	χ^2/NDF : 438010168588723075505721290768963862528.0/11
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1955.312+/-0.000	χ^2/NDF : 126909052383838166035294082177347616768.0/10

+ sign 1995.018+/-0.000 χ^2/NDF : 53377625694473
 All: 2084.675+/-0.000 χ^2/NDF : 38237081973
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

+ sign -9621.893+/-0.000 χ^2/NDF : 5629932940229

Left Out: -7057.509+/-0.000 χ^2/NDF : 567022768290026836186795118569021505536.0/11

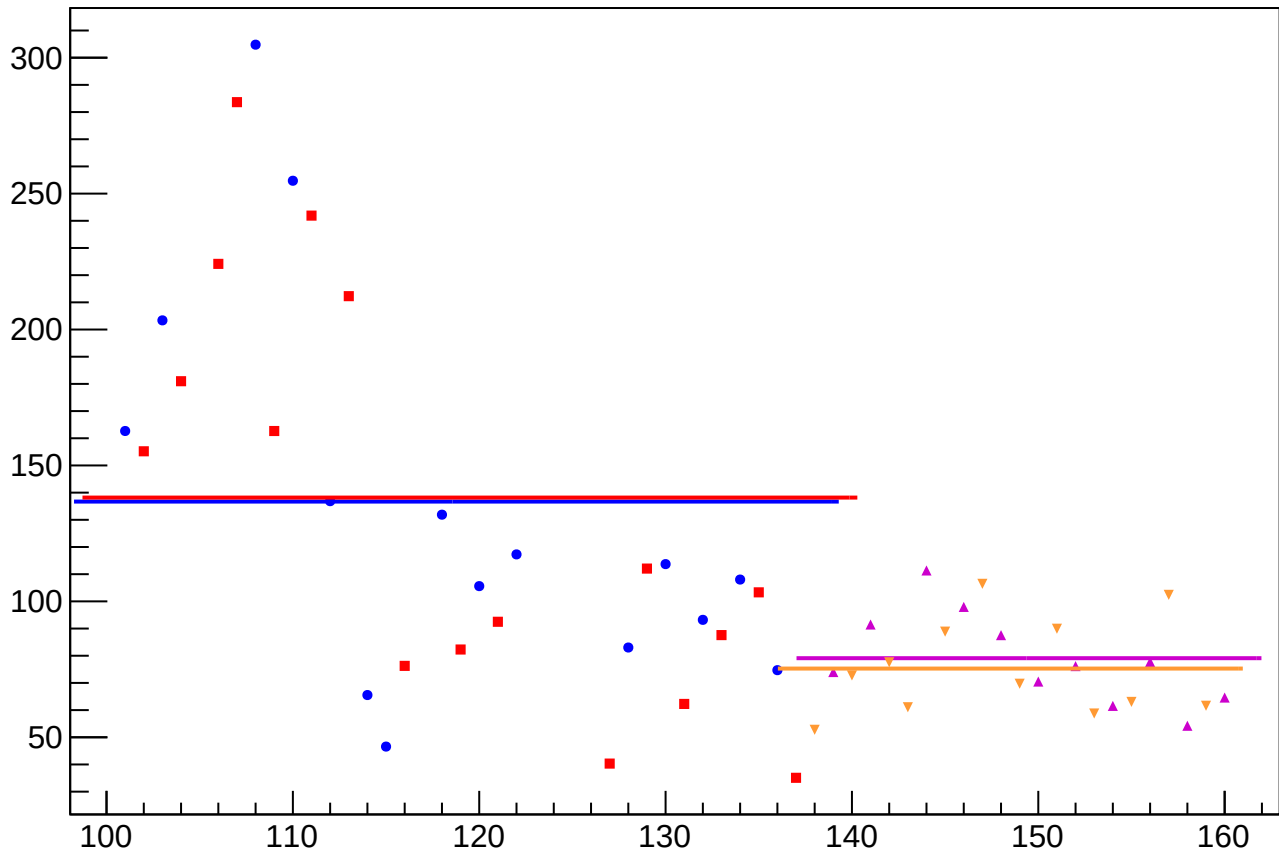
All: -9925.988+/-0.000 χ^2/NDF : 1182552632

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

- sign -10224.731+/-0.000 χ^2/NDF : 6166940420799

Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14

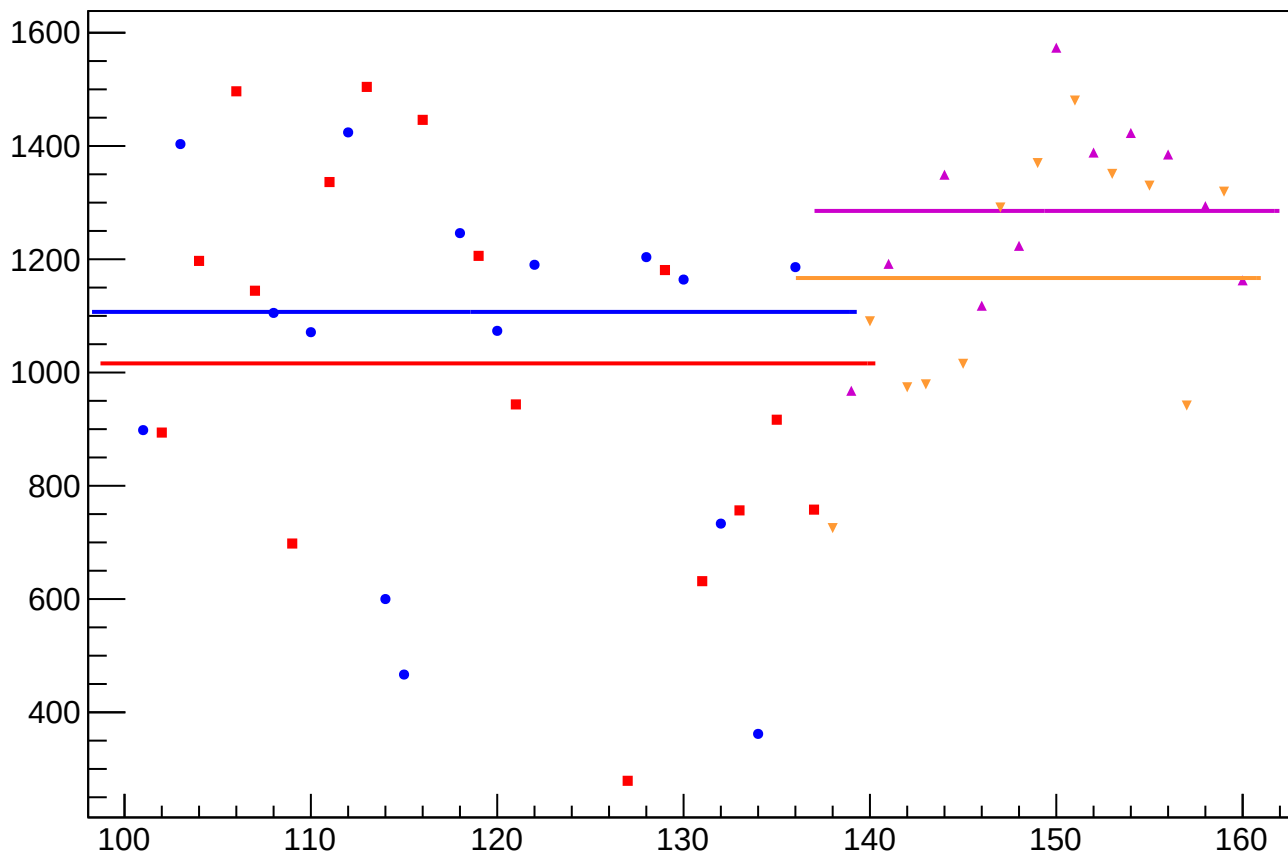
Left Out: 75.280+/-0.000 χ^2/NDF : 271565230291715258223184233837363200.0/11

Right Out: 138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15

Left In: 79.096+/-0.000 χ^2/NDF : 243975342218114768326270780809674752.0/10

All: 102.340+/-0.000 χ^2/NDF : 922540453685

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

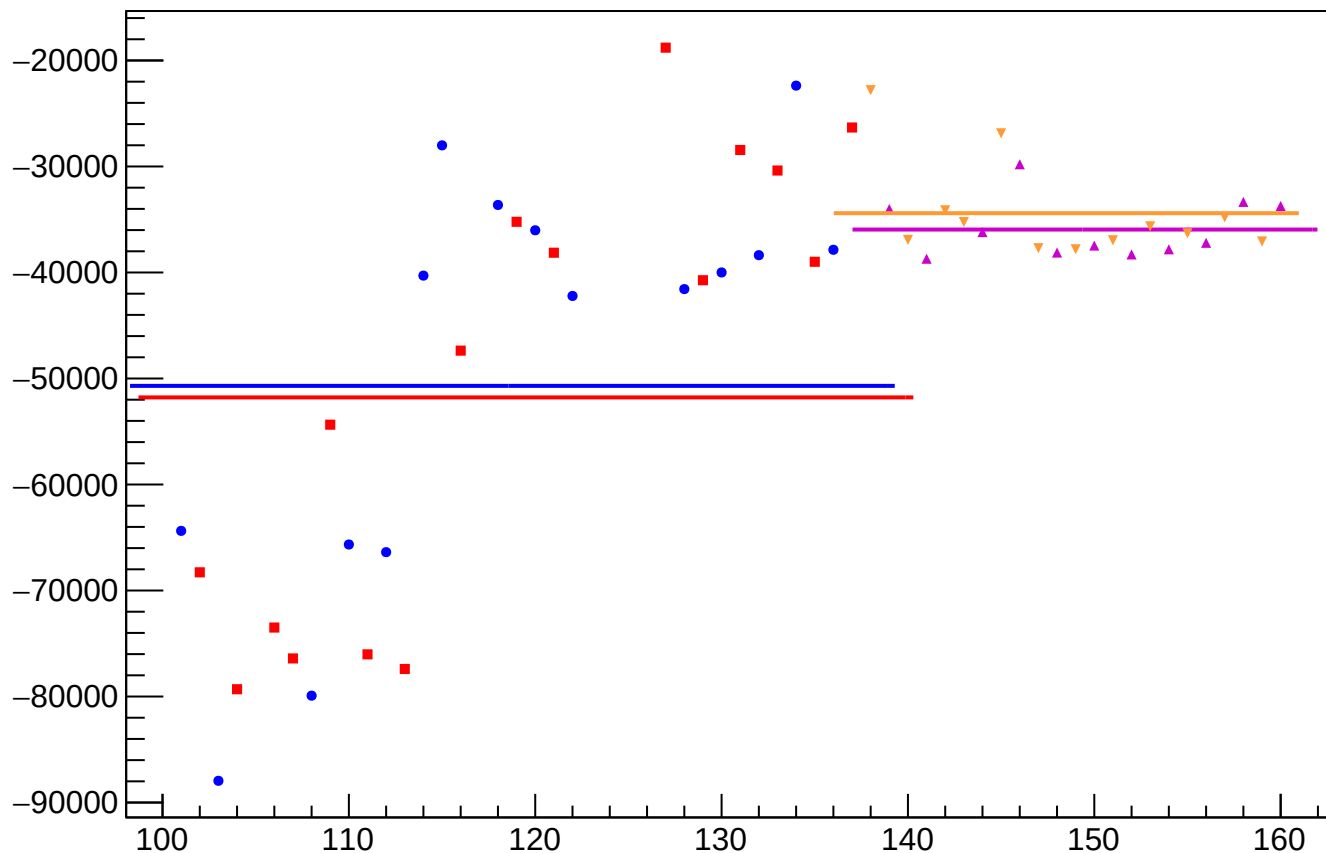
Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316

All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442

- sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000

χ^2/NDF : 226613585253908576683077761132188355526656.0/14

Left Out: -34404.656+/-0.000

+ sign -41169.025+/-0.000 χ^2/NDF : 346153436808

Right Out: -51783.912+/-0.000

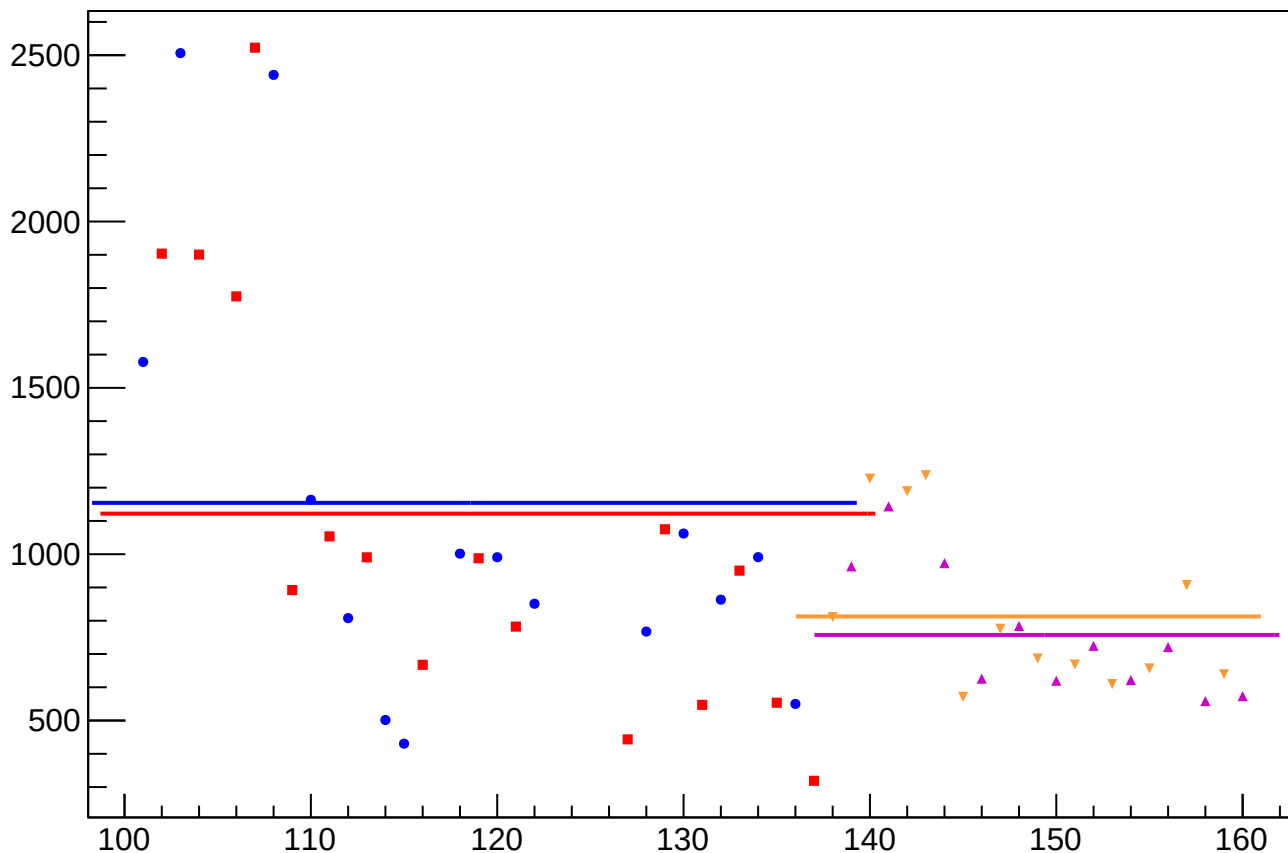
χ^2/NDF : 18820007226442898256054839449855820038144.0/11

Left In: -35949.660+/-0.000

All: -41884.763+/-0.000 χ^2/NDF : 733189271

- sign -42587.904+/-0.000 χ^2/NDF : 3854485377902

dit_sam2_coil4_err_mean vs Slug



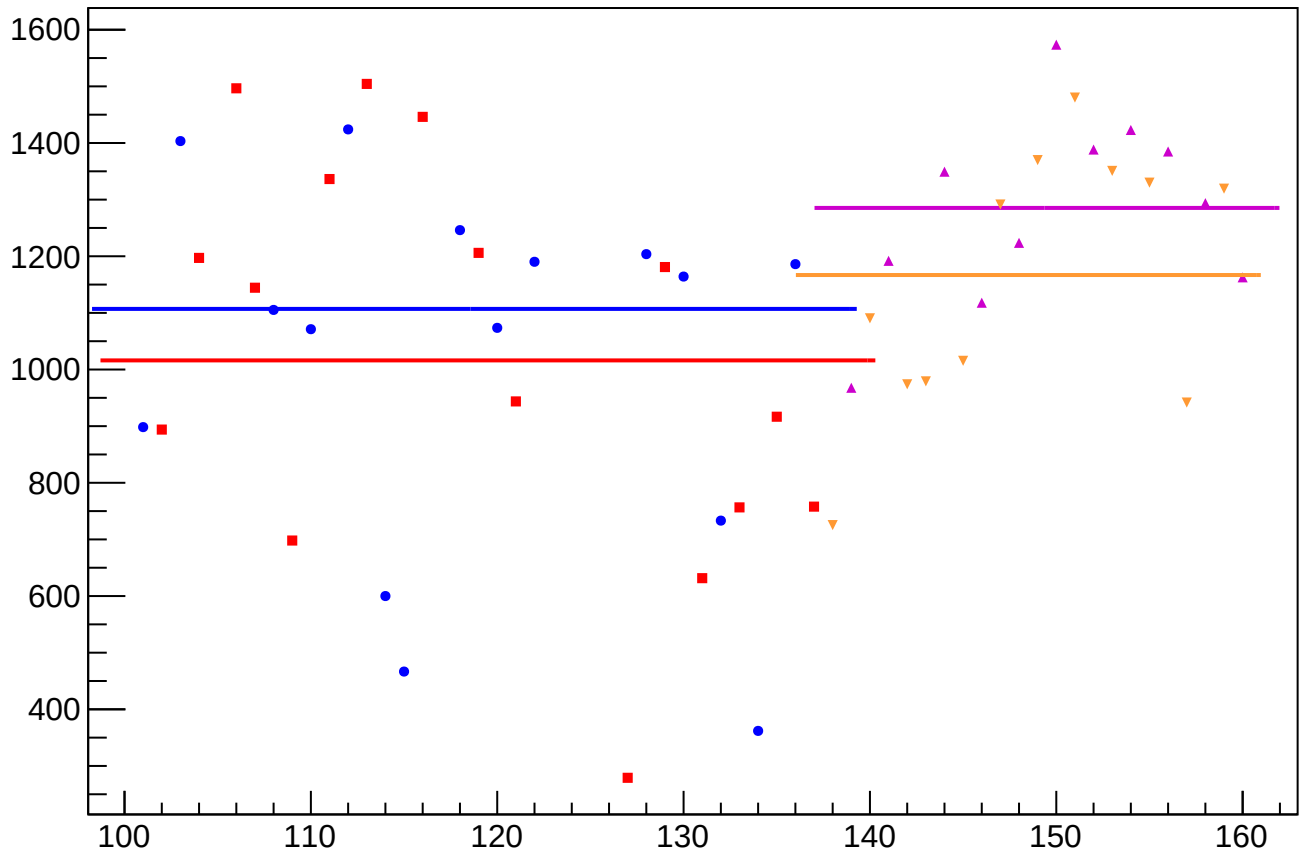
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 812.768+/-0.000 χ^2/NDF : 48869150953187834312923483015749828608.0/11

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

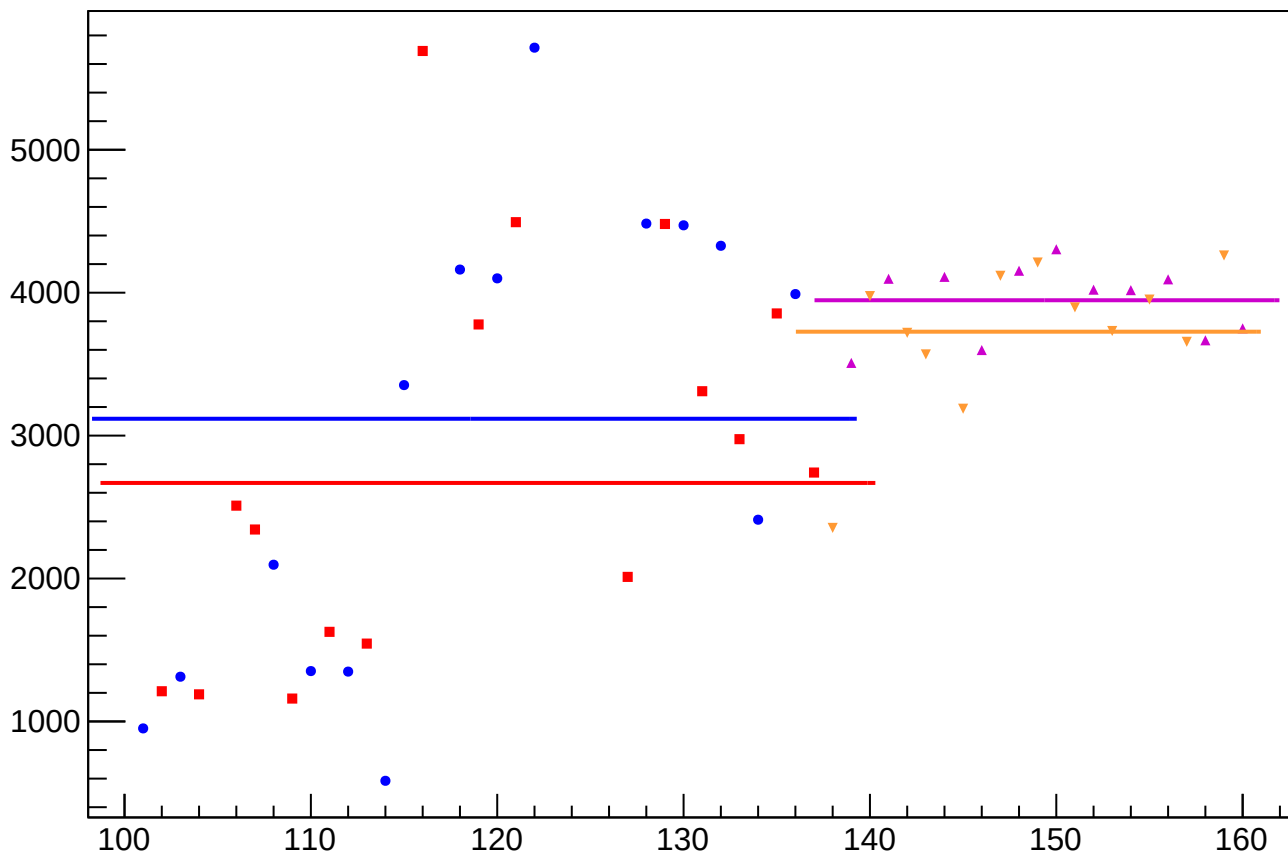
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

dit_sam2_coil4_Ndata_mean vs Slug



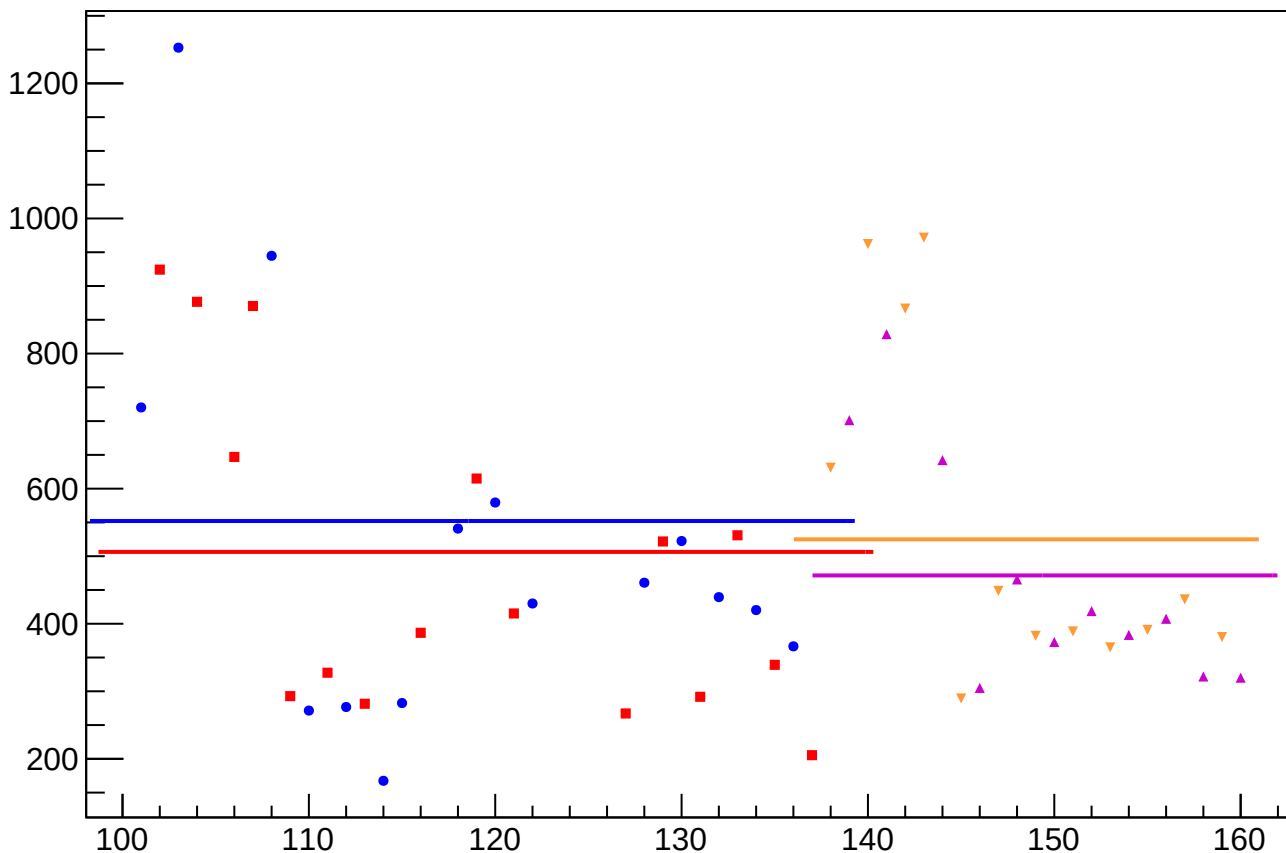
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14	+ sign 3474.146+/-0.000	χ^2/NDF : 19310560227592
Left Out: 3727.095+/-0.000	χ^2/NDF : 237477678561542860292825834329185714176.0/11	All: 3442.374+/-0.000	χ^2/NDF : 37604904568
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15	- sign 3411.160+/-0.000	χ^2/NDF : 18263065086829
Left In: 3947.046+/-0.000	χ^2/NDF : 56963661018859057070812095134472077312.0/10		

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

+ sign 536.247+/-0.000 χ^2/NDF : 100138864573436

Left Out: 524.984+/-0.000 χ^2/NDF : 49120612413638370088062361036096798720.0/11

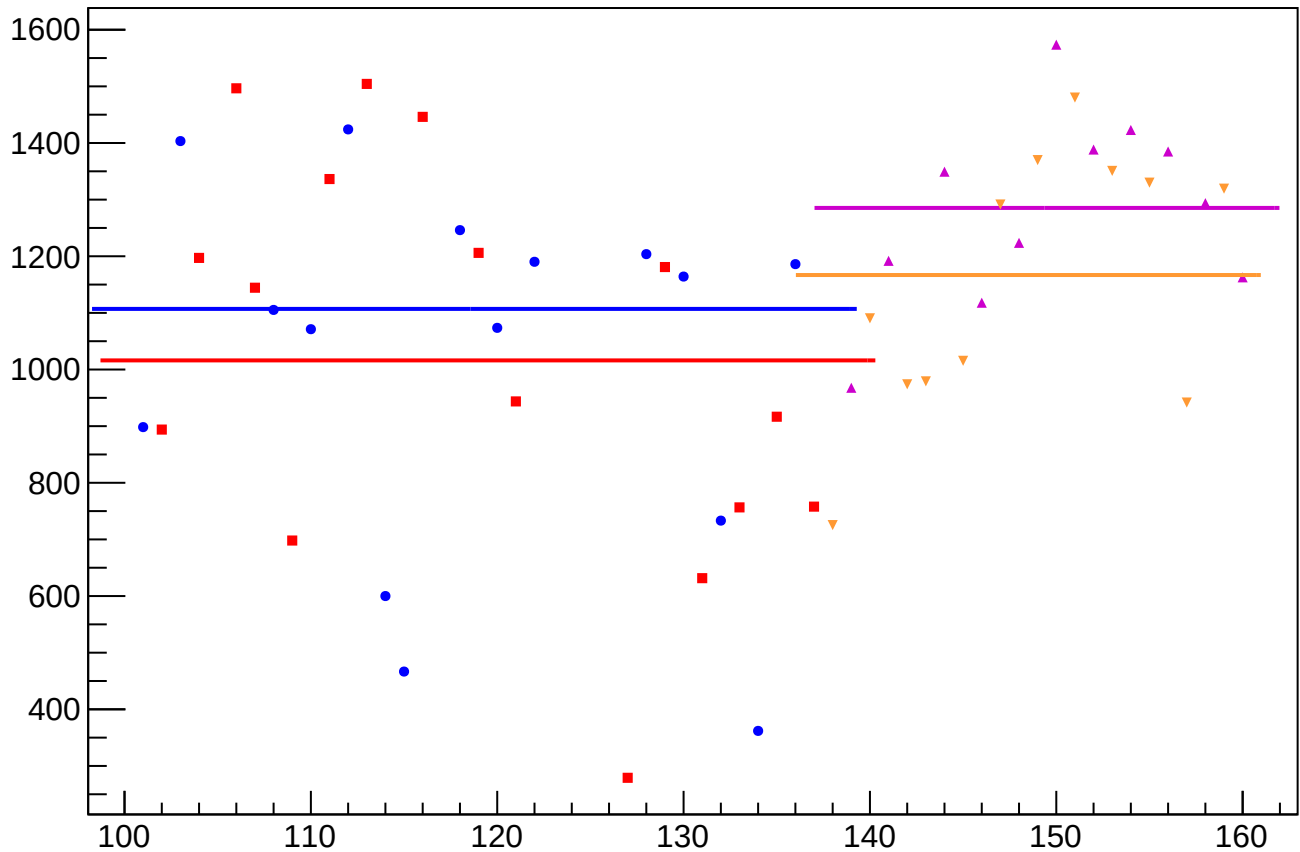
All: 510.967+/-0.000 χ^2/NDF : 165450893043

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

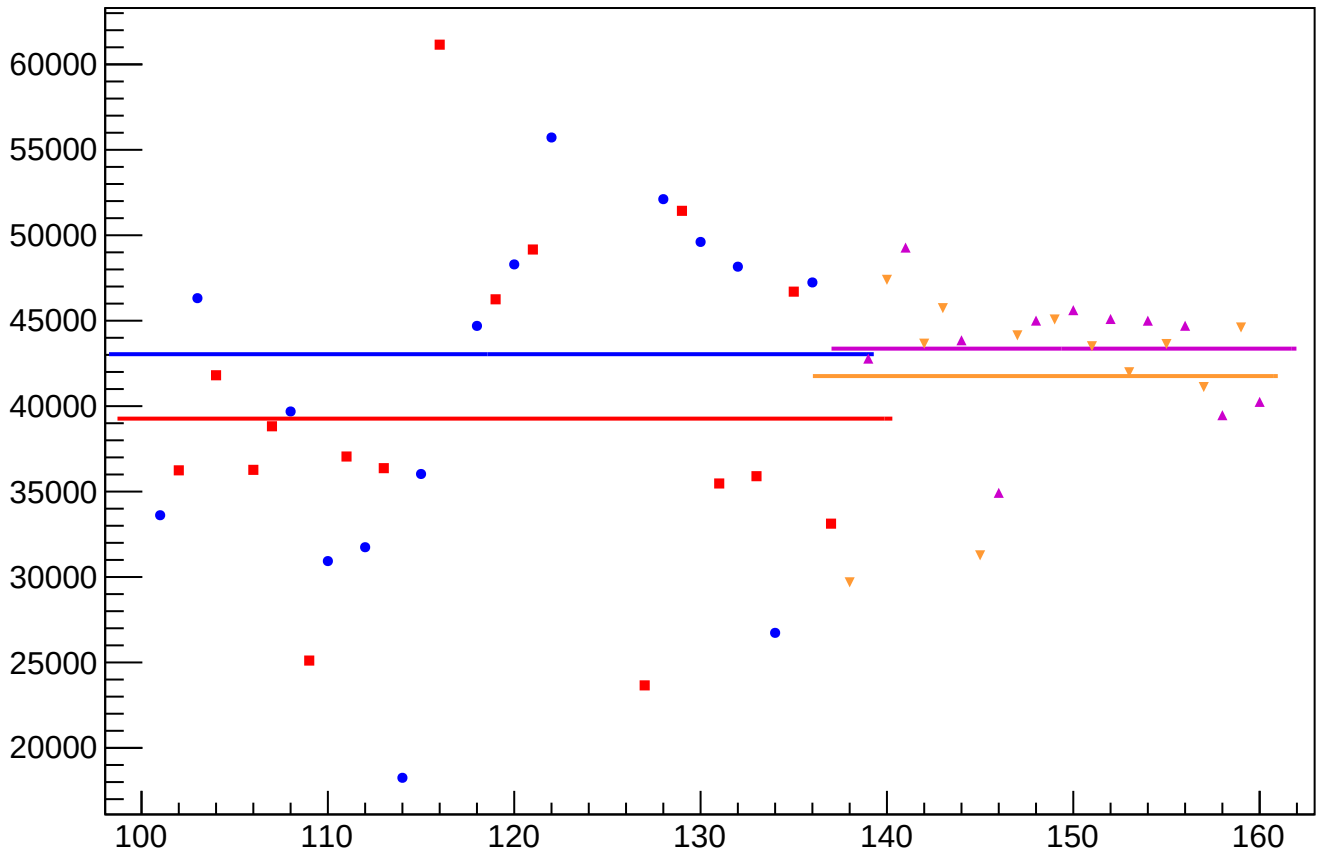
- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

dit_sam3_coil4_Ndata_mean vs Slug



dit_sam4_coil4_mean vs Slug



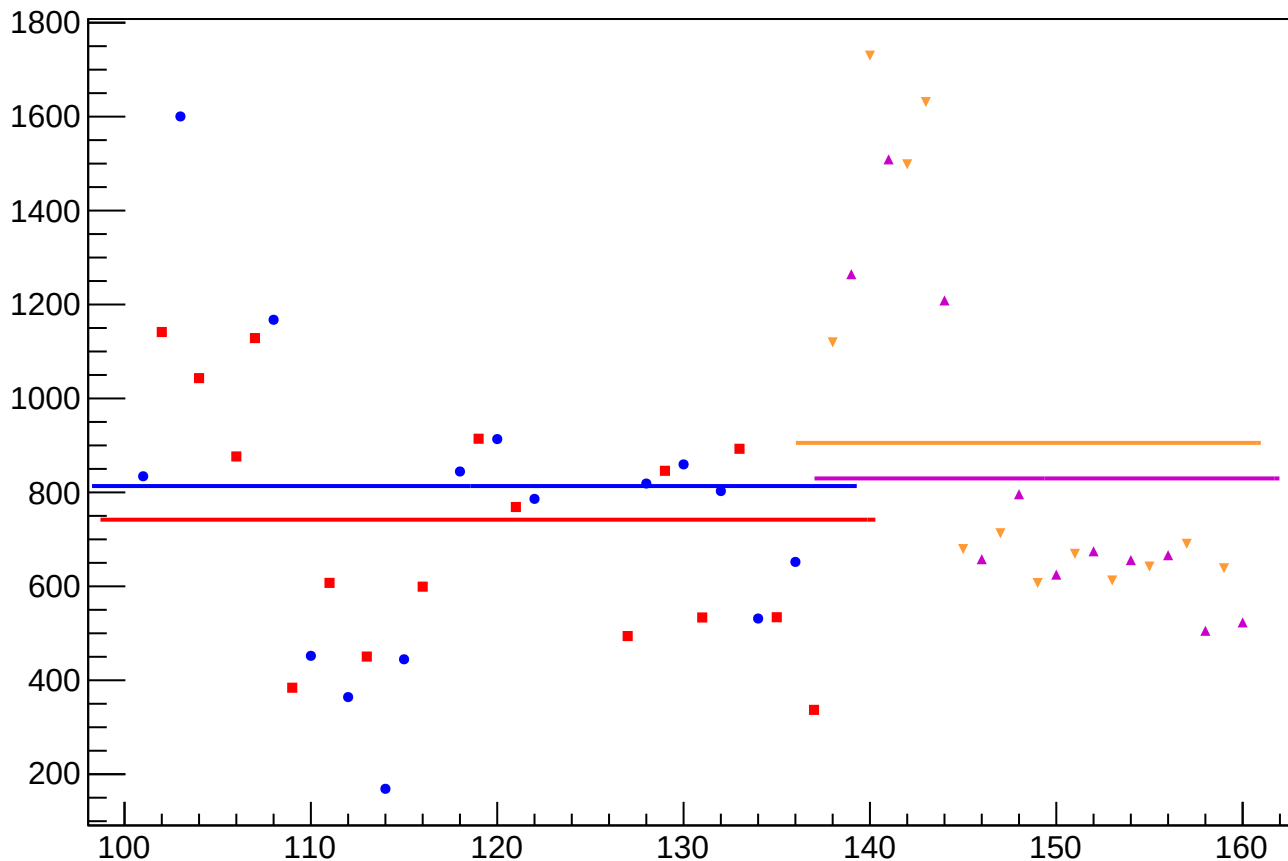
Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41759.238+/-0.000	χ^2/NDF : 26338532629522543185974017898719754584064.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42291.015+/-0.000 χ^2/NDF : 7535805649529

All: 41966.664+/-0.000 χ^2/NDF : 146263445

- sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



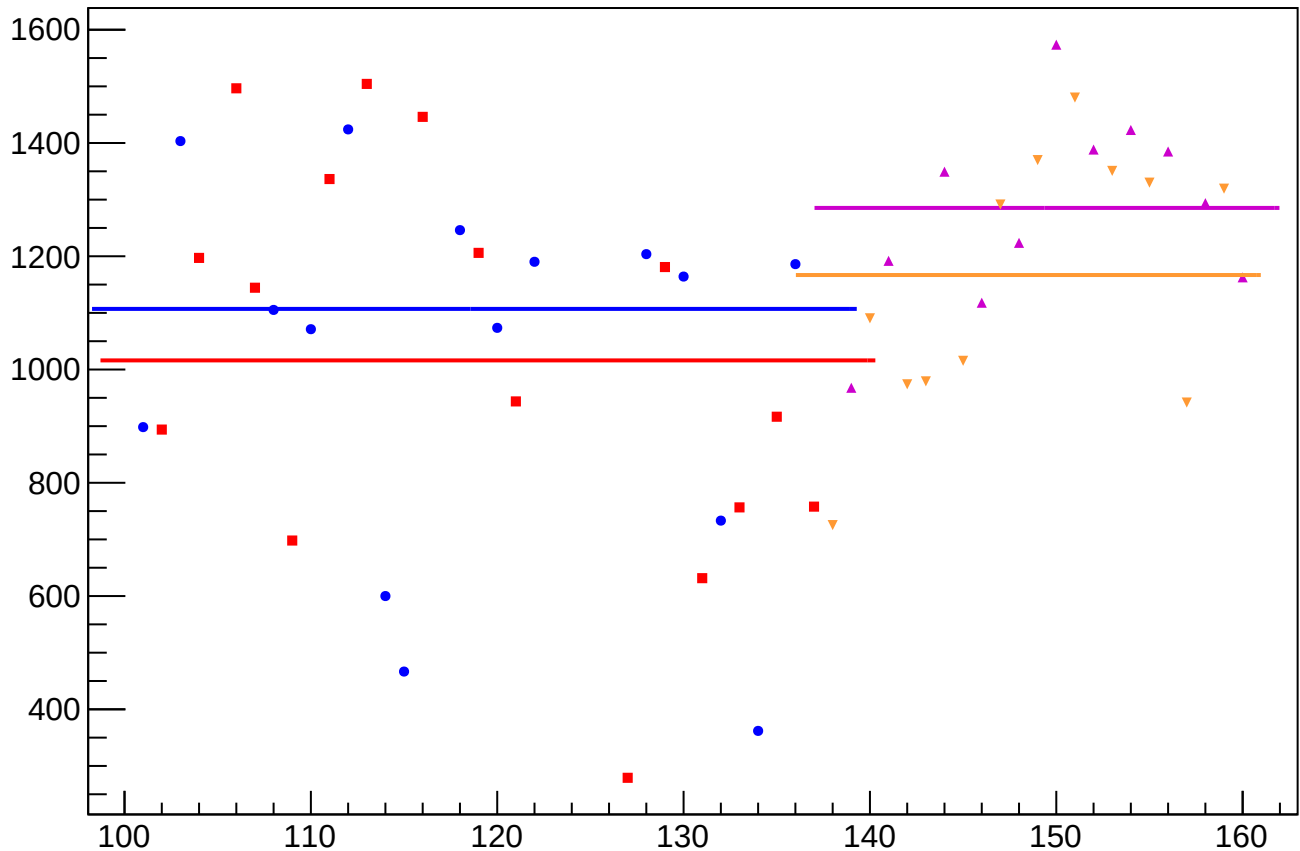
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 905.383 $\pm$ 0.000 χ^2 /NDF: 151600119297269061553878773288042233856.0/11

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

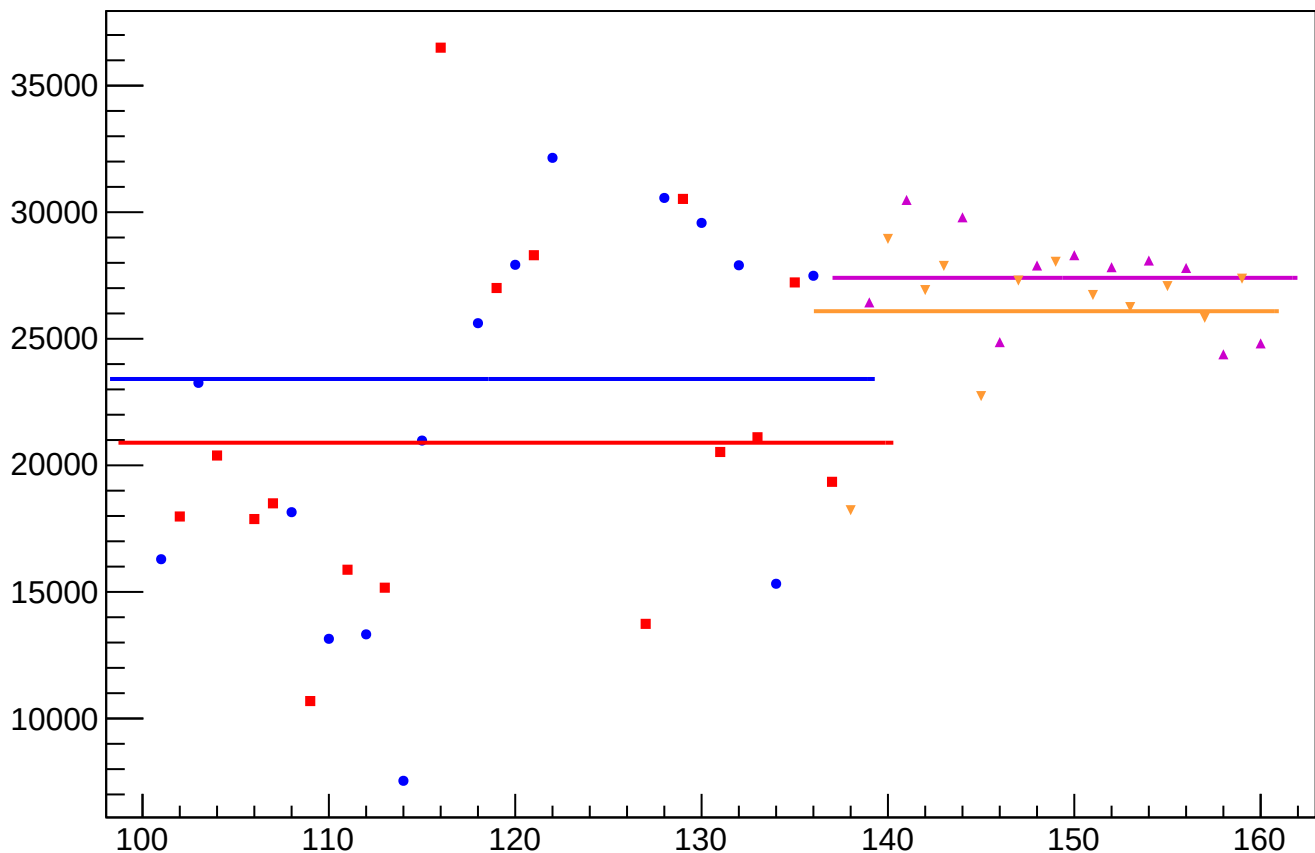
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

dit_sam4_coil4_Ndata_mean vs Slug



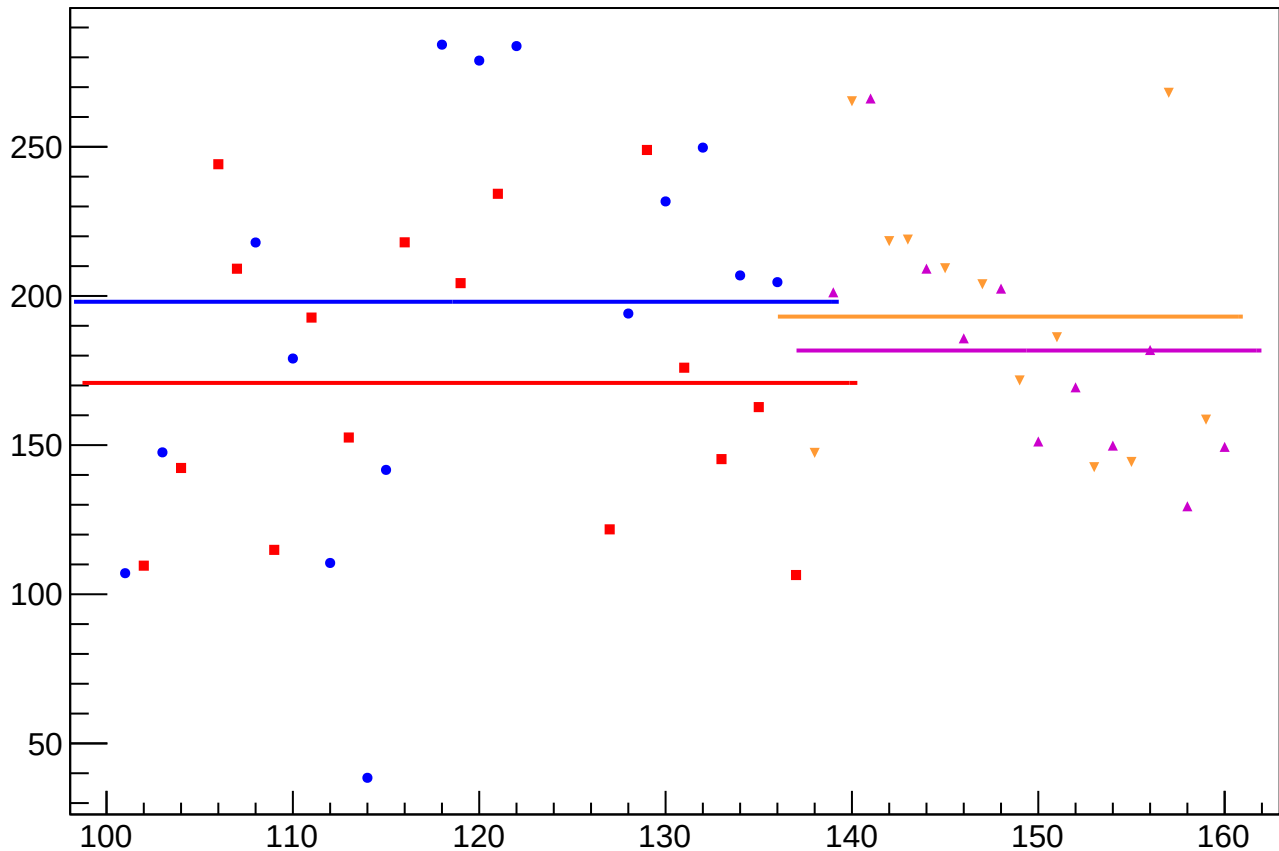
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF : 28427457471780319352885746571315708428288.0/14
 Left Out: 26089.435+/-0.000 χ^2/NDF : 7297474697325231234633060364075485102080.0/11
 Right Out: 20894.122+/-0.000 χ^2/NDF : 27408965804578649107002909409987218374656.0/15
 Left In: 27407.255+/-0.000 χ^2/NDF : 3322659858866093858426557456838465421312.0/10

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056 +/- 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 193.084 +/- 0.000 χ^2/NDF : 1682749705439949881122511912389574656.0/11

Right Out: 170.851 +/- 0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

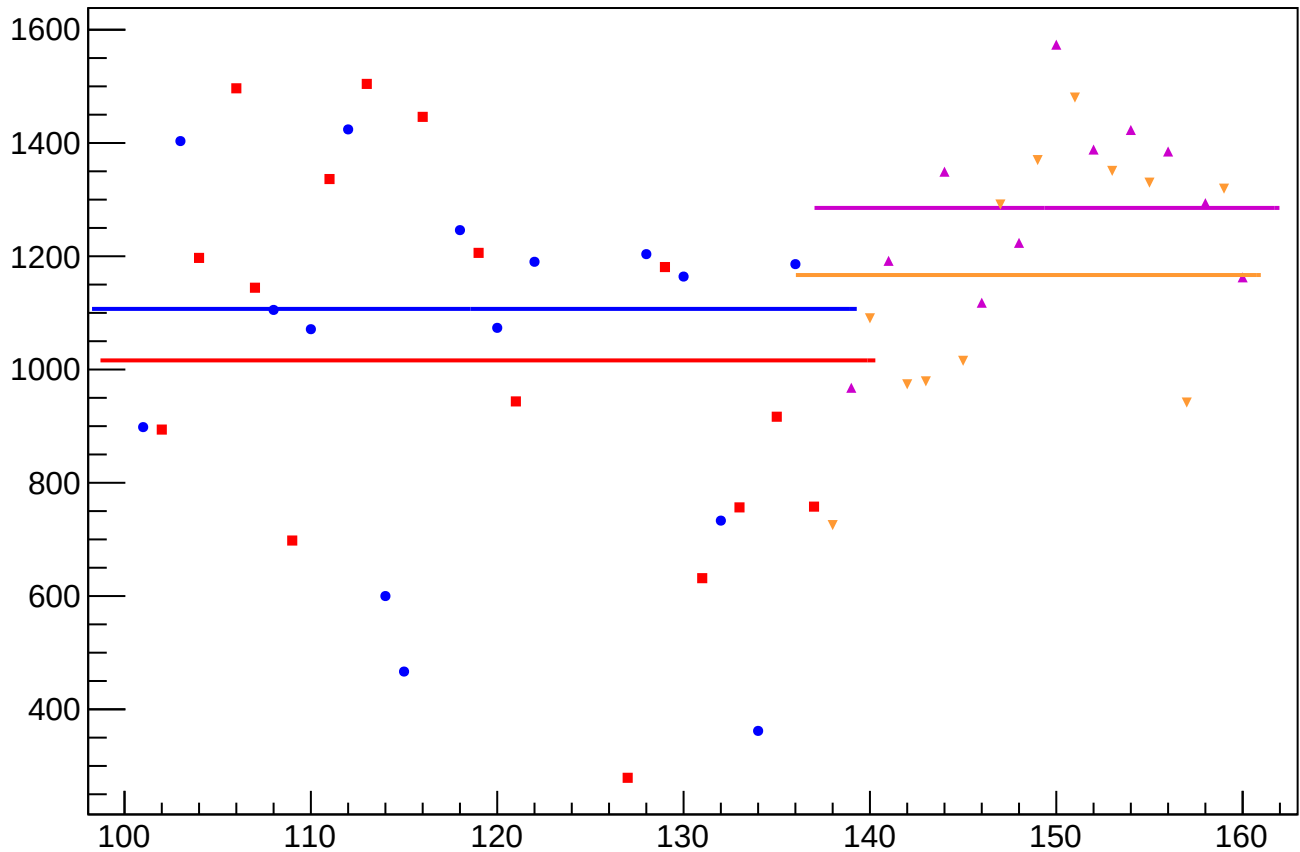
Left In: 181.711 +/- 0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

All: 186.074 +/- 0.000 χ^2/NDF : 712277108618

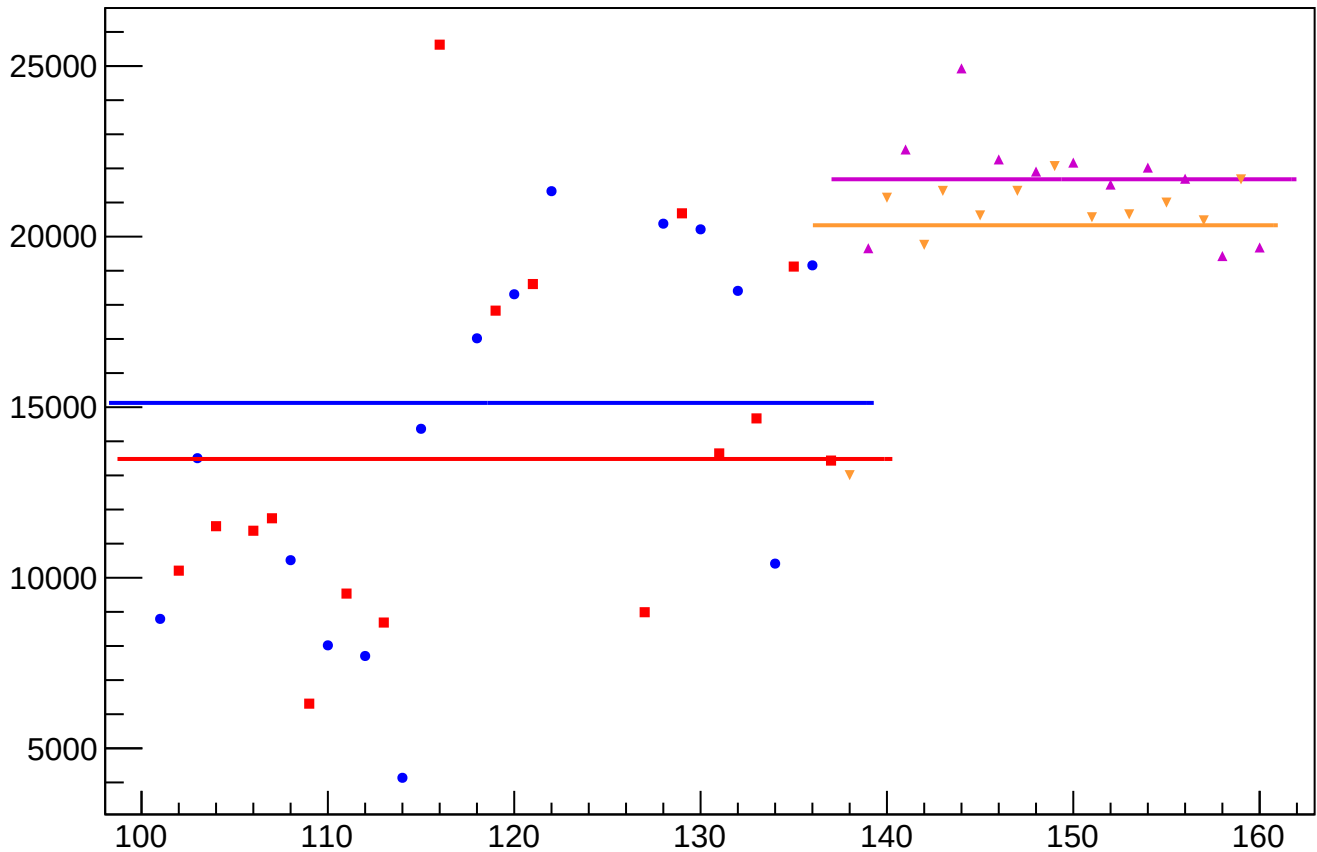
+ sign 195.148 +/- 0.000 χ^2/NDF : 417506015542371

- sign 177.159 +/- 0.000 χ^2/NDF : 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug



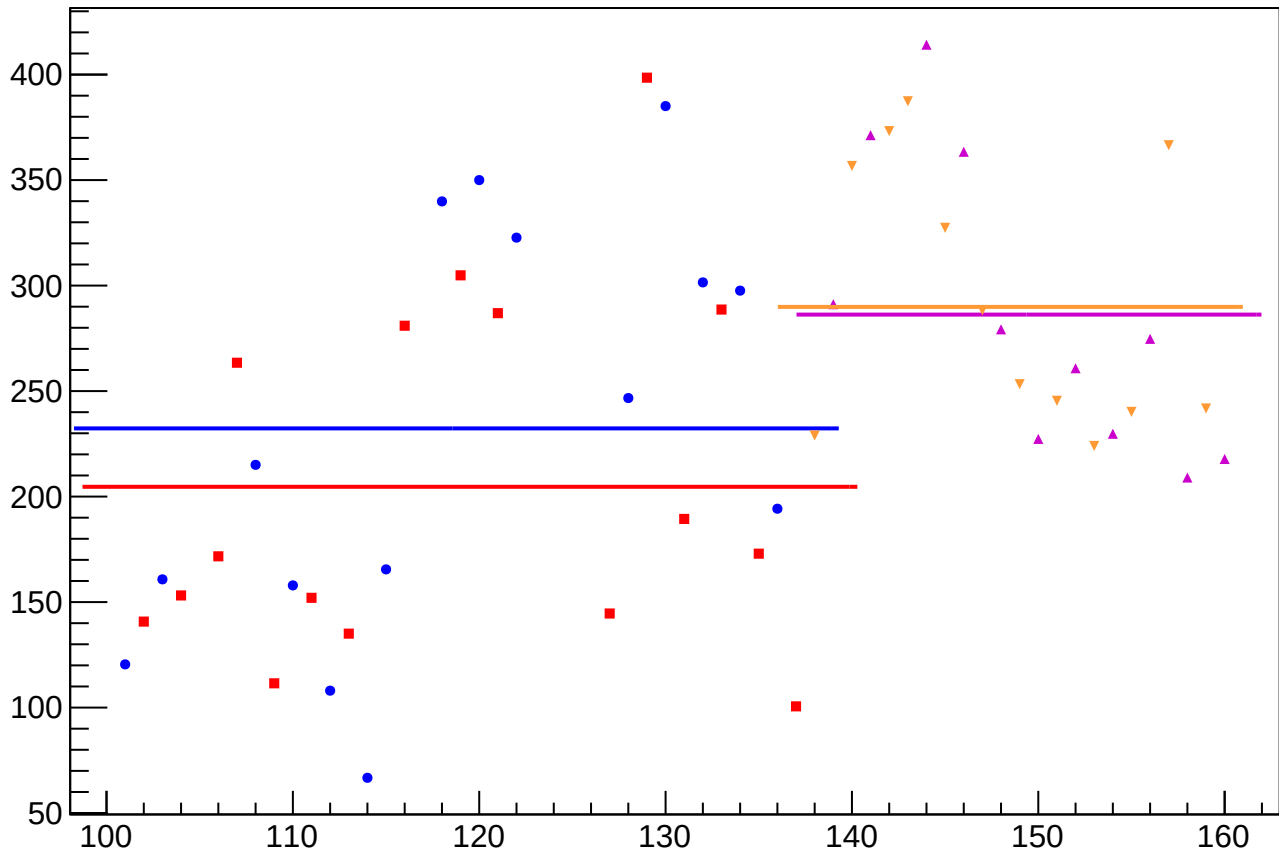
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20333.061+/-0.000	χ^2/NDF : 4855949225776942763226853940369054236672.0/11
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 21681.241+/-0.000	χ^2/NDF : 2108874573649202621711530332866310307840.0/10

+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

dit_sam6_coil4_err_mean vs Slug



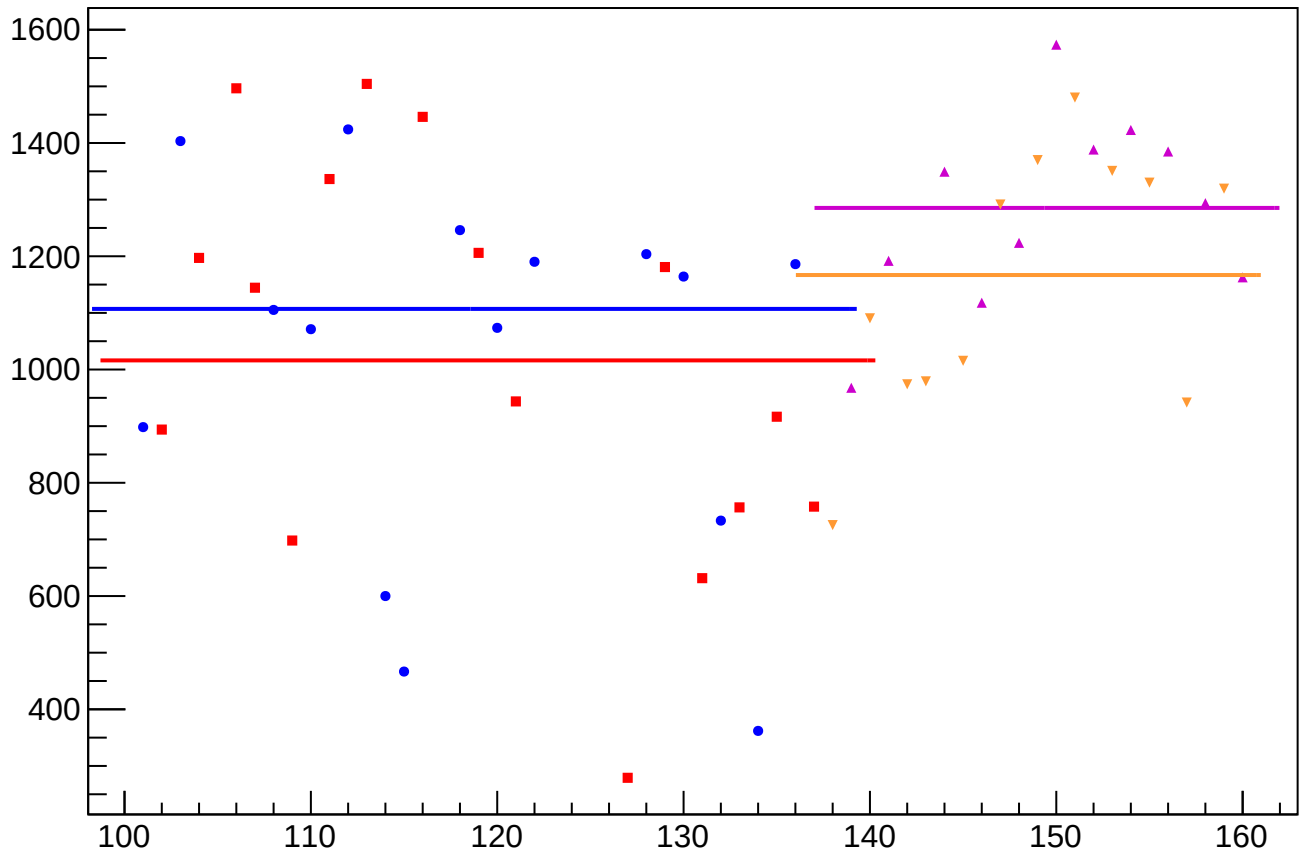
Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14
Left Out: 289.897+/-0.000	χ^2/NDF : 3202390993231935504147250998086205440.0/11
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15
Left In: 286.246+/-0.000	χ^2/NDF : 4067110443230234744644750983181631488.0/10

+ sign 265.986+/-0.000 χ^2/NDF : 993907240808893

All: 258.948+/-0.000 χ^2/NDF : 212946744199

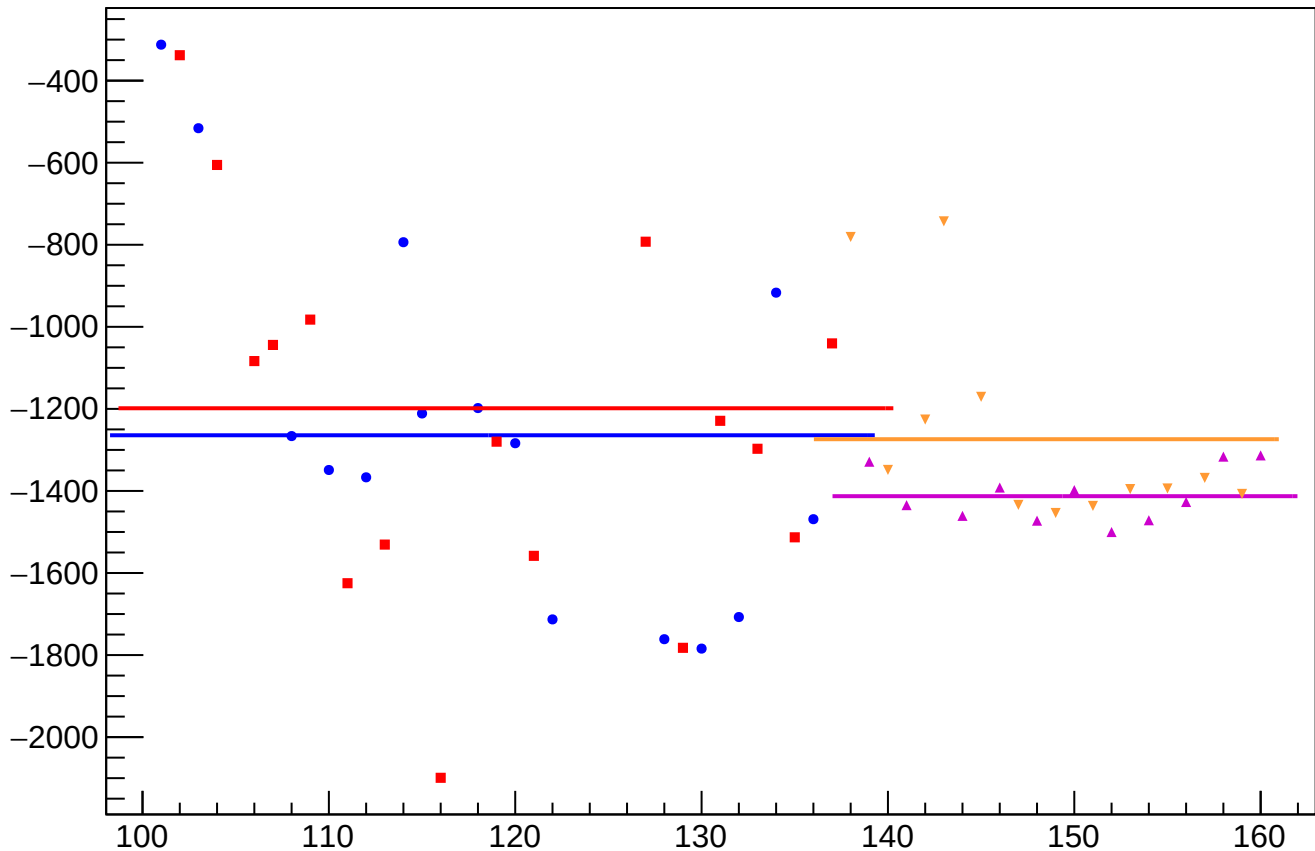
- sign 252.033+/-0.000 χ^2/NDF : 112020972383493

dit_sam6_coil4_Ndata_mean vs Slug



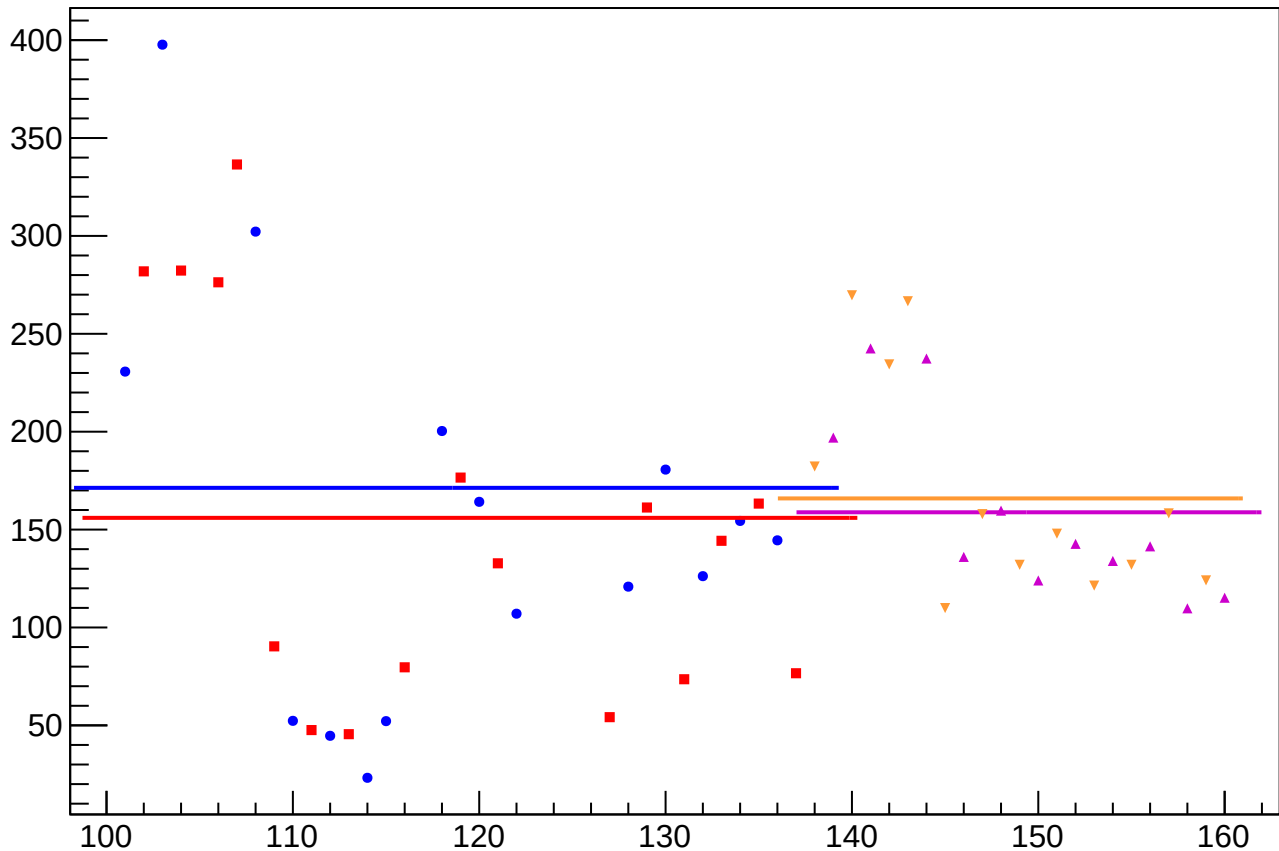
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam7_coil4_mean vs Slug



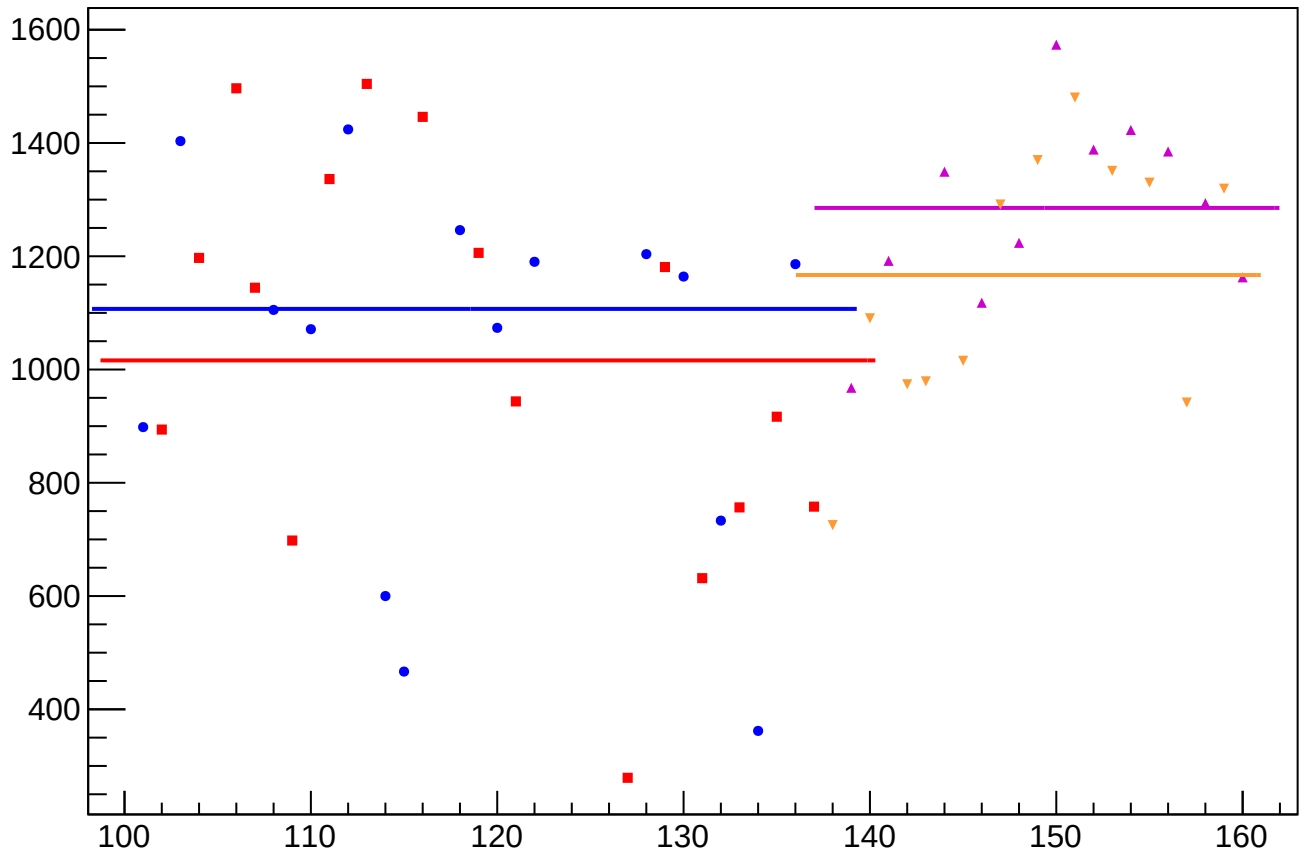
Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912 ± 0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771 ± 0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10
 All: -1296.664 ± 0.000 χ^2/NDF : 3455789240
 + sign -1269.922 ± 0.000 χ^2/NDF : 1907675135798
 - sign -1322.935 ± 0.000 χ^2/NDF : 15259559017097

dit_sam7_coil4_err_mean vs Slug



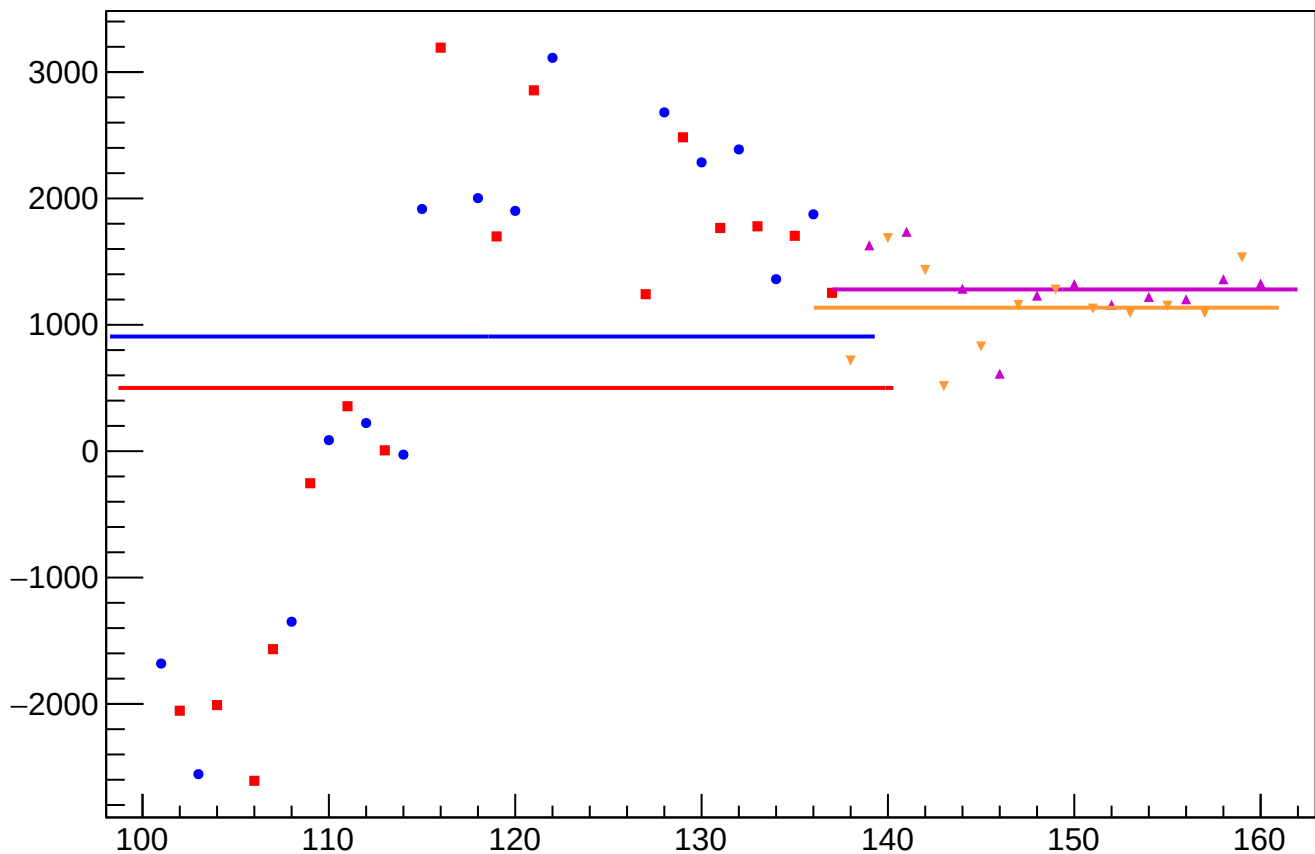
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10
 All: 162.856+/-0.000 χ^2/NDF : 163313195033
 + sign 168.162+/-0.000 χ^2/NDF : 870698624432880
 - sign 157.643+/-0.000 χ^2/NDF : 753709484799884

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

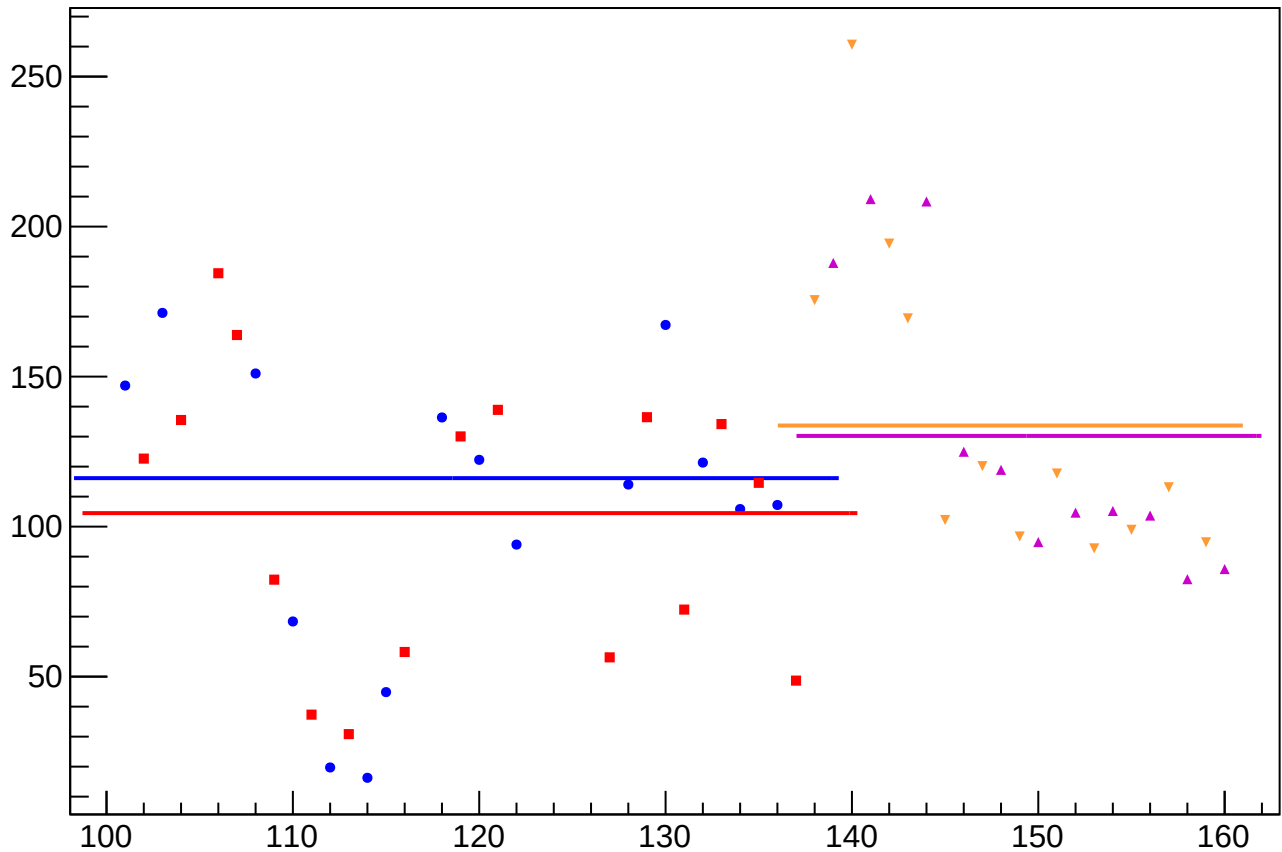
dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ sign 1040.809+/-0.000 χ^2/NDF : 22174332894874
 All: 996.658+/-0.000 χ^2/NDF : 460055616816
 - sign 953.284+/-0.000 χ^2/NDF : 237708288217536

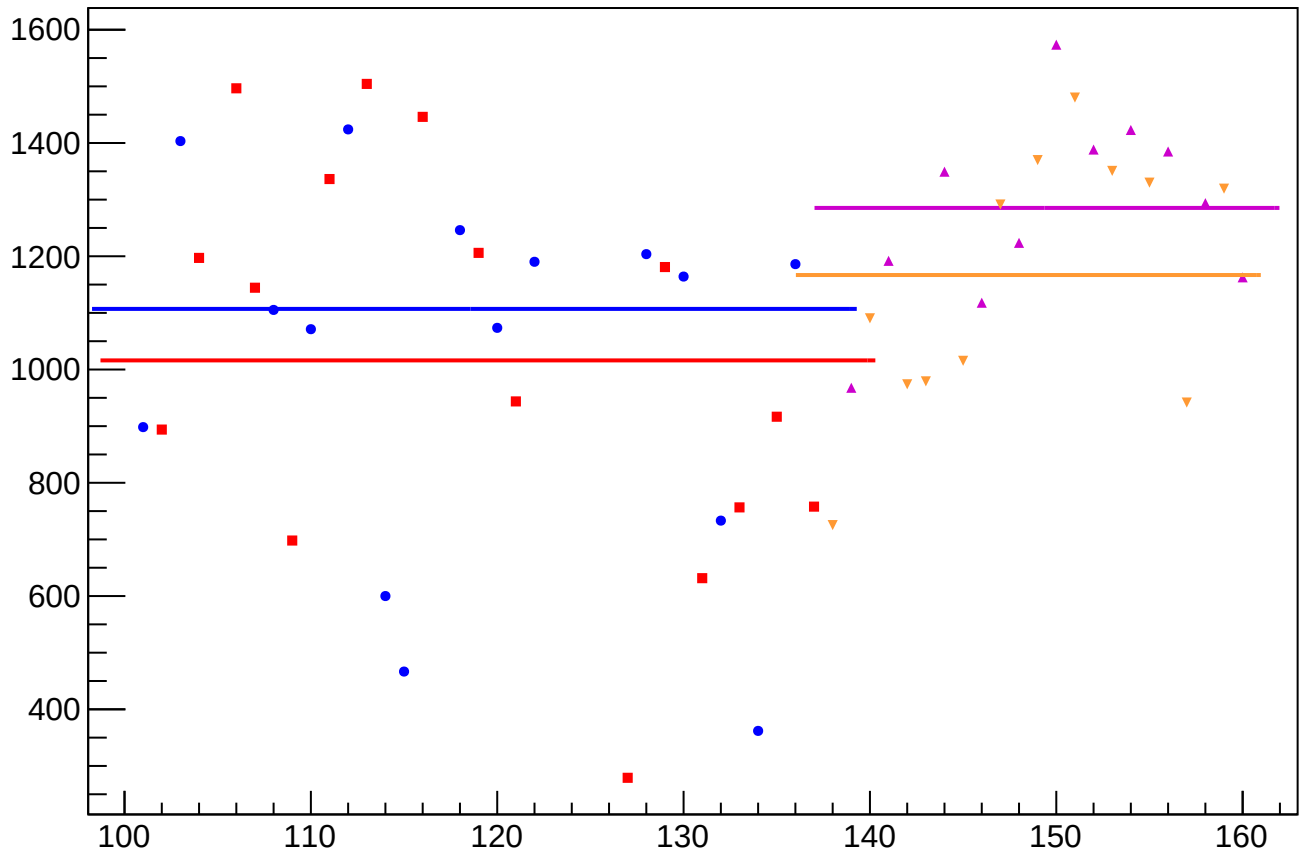
dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000	χ^2/NDF : 1198526427485199785396504127288115200.0/14
Left Out: 133.695+/-0.000	χ^2/NDF : 2332238004384262852879386446827356160.0/11
Right Out: 104.501+/-0.000	χ^2/NDF : 1285986383644058507445602420764180480.0/15
Left In: 130.237+/-0.000	χ^2/NDF : 1968814259217478663576054483231178752.0/10

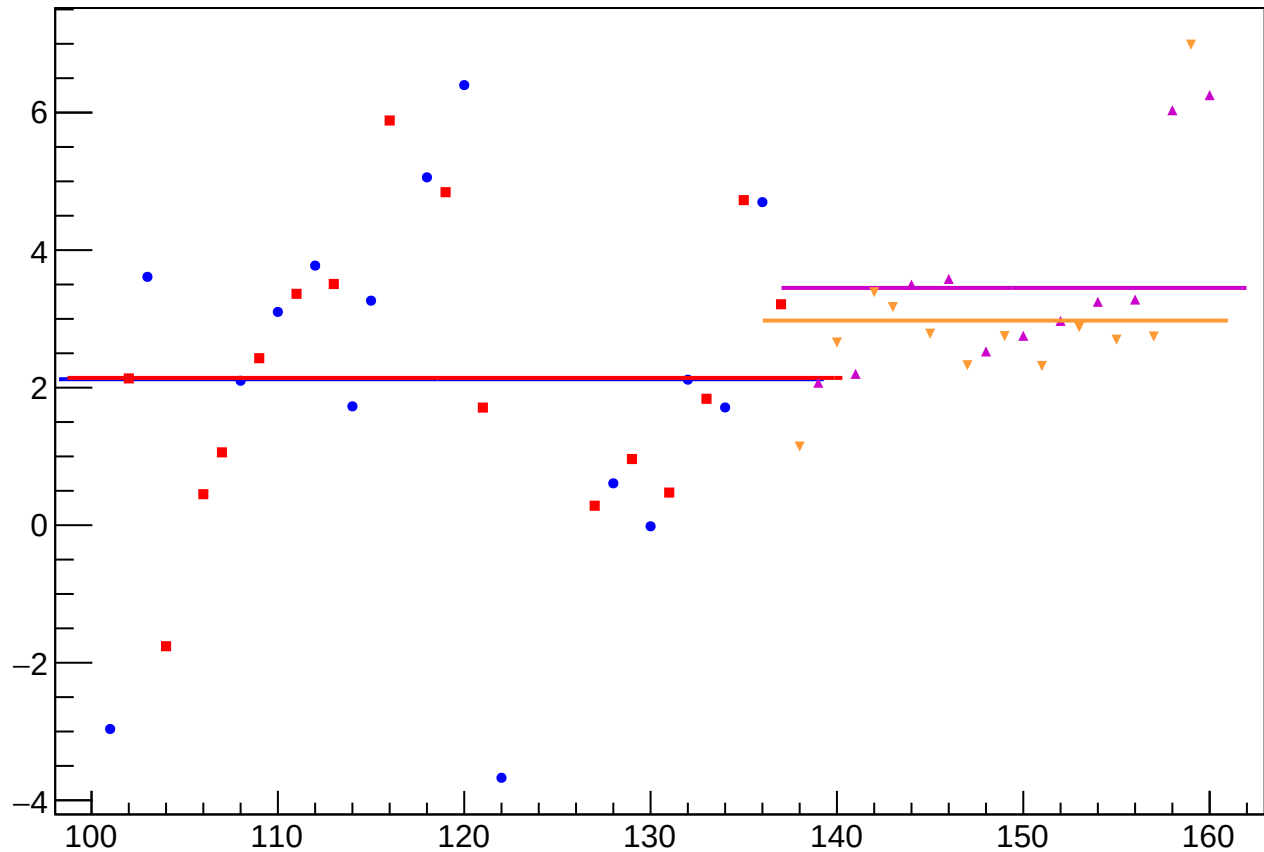
+ sign 126.414+/-0.000 χ^2/NDF : 364747445092715
 All: 122.900+/-0.000 χ^2/NDF : 71971163823
 - sign 119.447+/-0.000 χ^2/NDF : 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

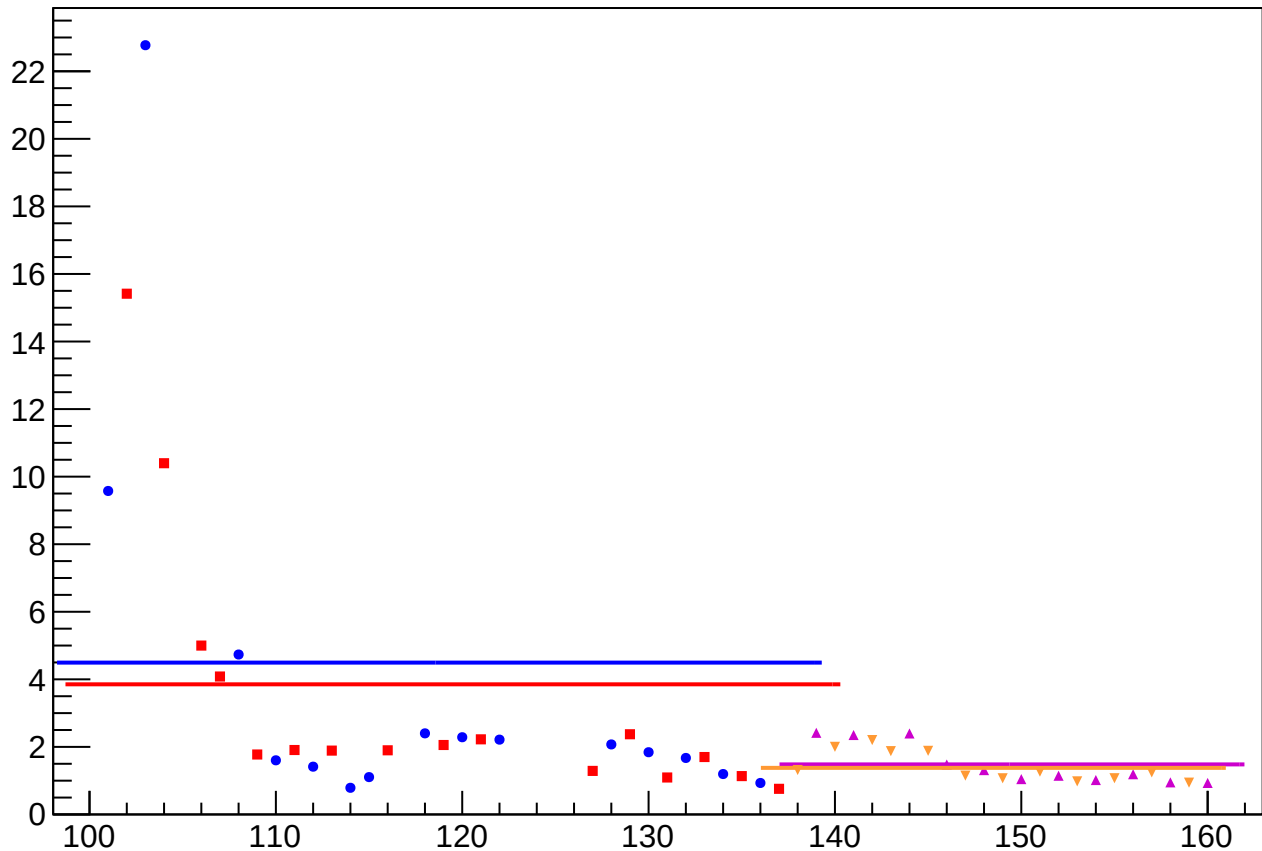
dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000	χ^2/NDF : 5263705922821075971022013849403392.0/14
Left Out: 2.975+/-0.000	χ^2/NDF : 1653073452461549310648226194391040.0/11
Right Out: 2.142+/-0.000	χ^2/NDF : 2472949940993672466161692257026048.0/15
Left In: 3.450+/-0.000	χ^2/NDF : 1551935058842125730993767819771904.0/10

+ sign 2.621+/-0.000 χ^2/NDF : 71926109698373780
 All: 2.763+/-0.000 χ^2/NDF : 11942737584809
 - sign 2.902+/-0.000 χ^2/NDF : 46881653143346508

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 ± 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14

Left Out: 1.379 ± 0.000 χ^2/NDF : 150384329501224226849656085151744.0/11

Right Out: 3.852 ± 0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15

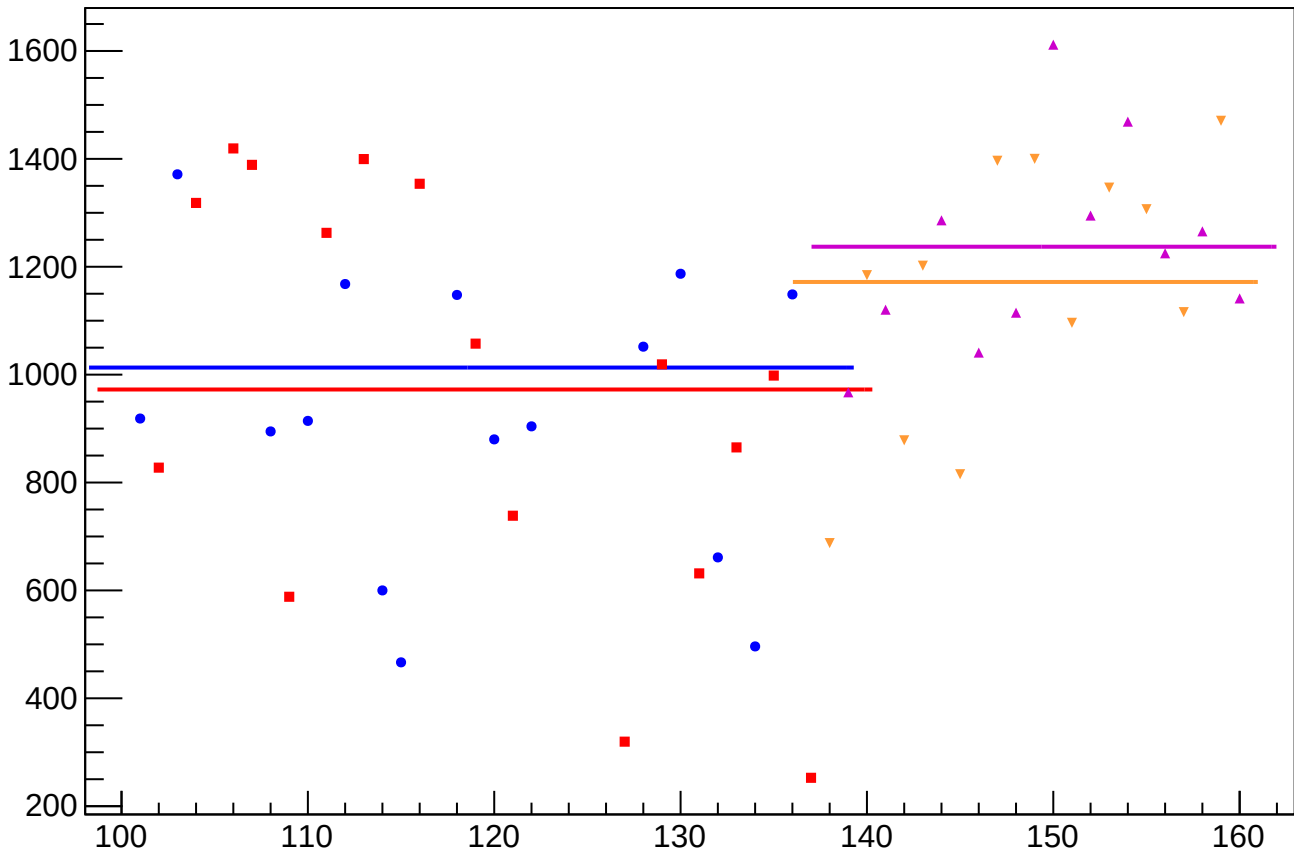
Left In: 1.482 ± 0.000 χ^2/NDF : 310337710475779495774509405831168.0/10

All: 2.573 ± 0.000 χ^2/NDF : 43938576112447.0/11

+ sign 2.673 ± 0.000 χ^2/NDF : 29105436808146683.0/11

- sign 2.476 ± 0.000 χ^2/NDF : 14802405912641910.0/11

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

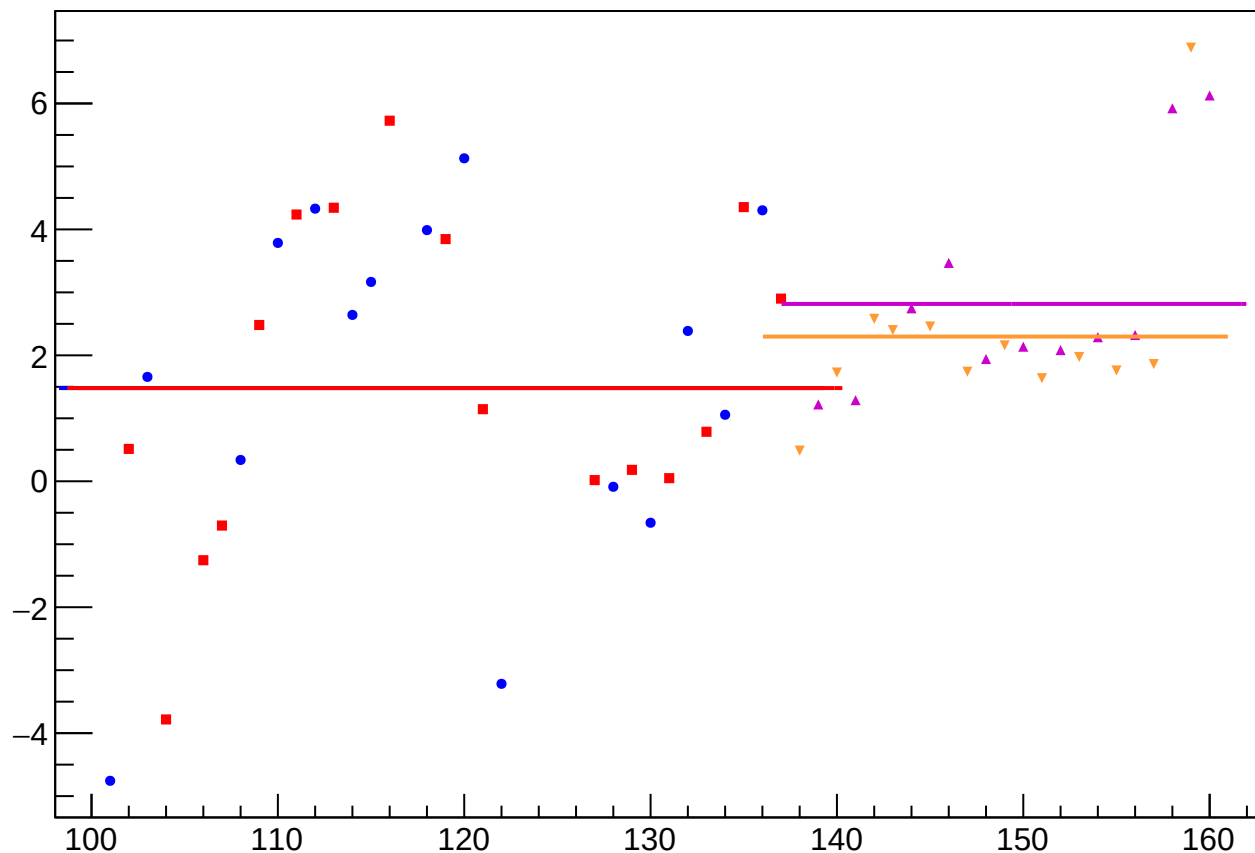
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

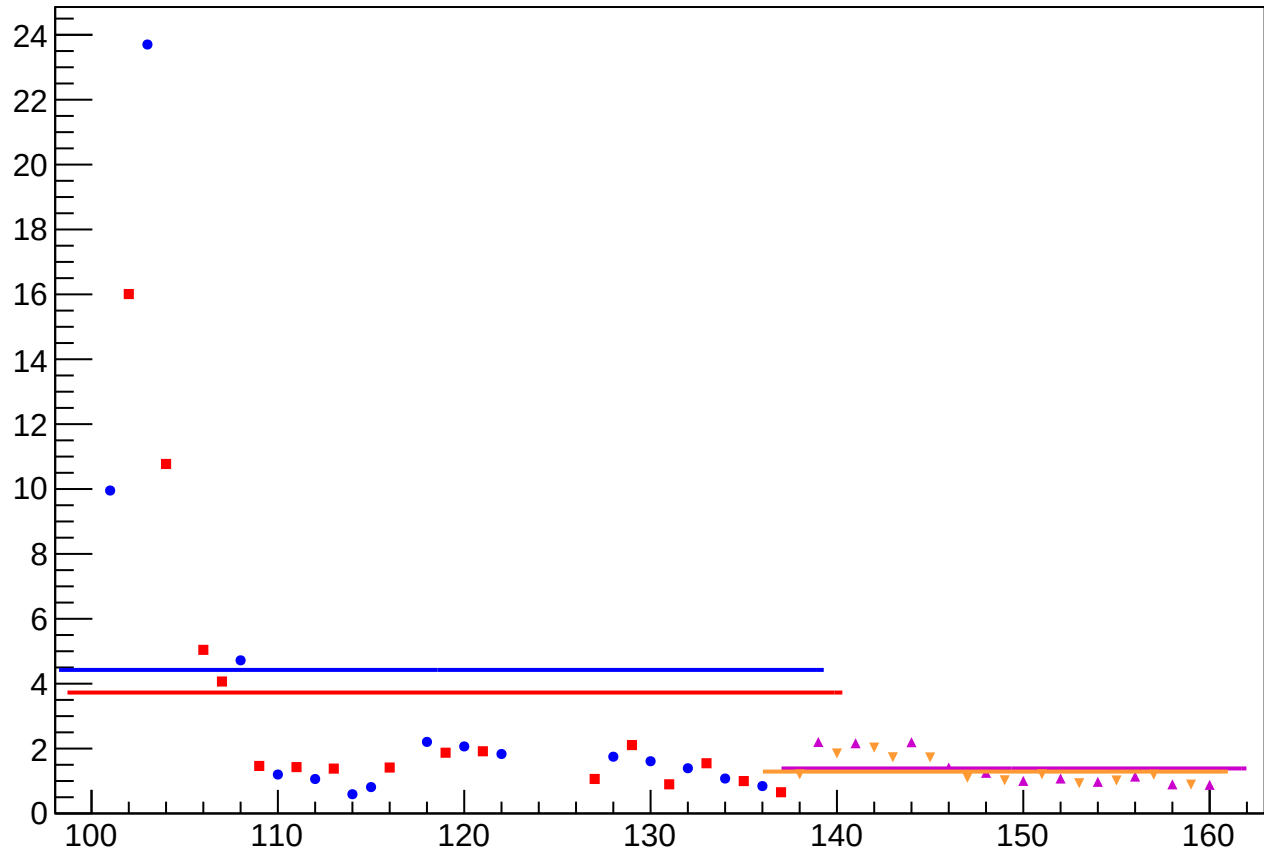
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eX_coil6_mean vs Slug



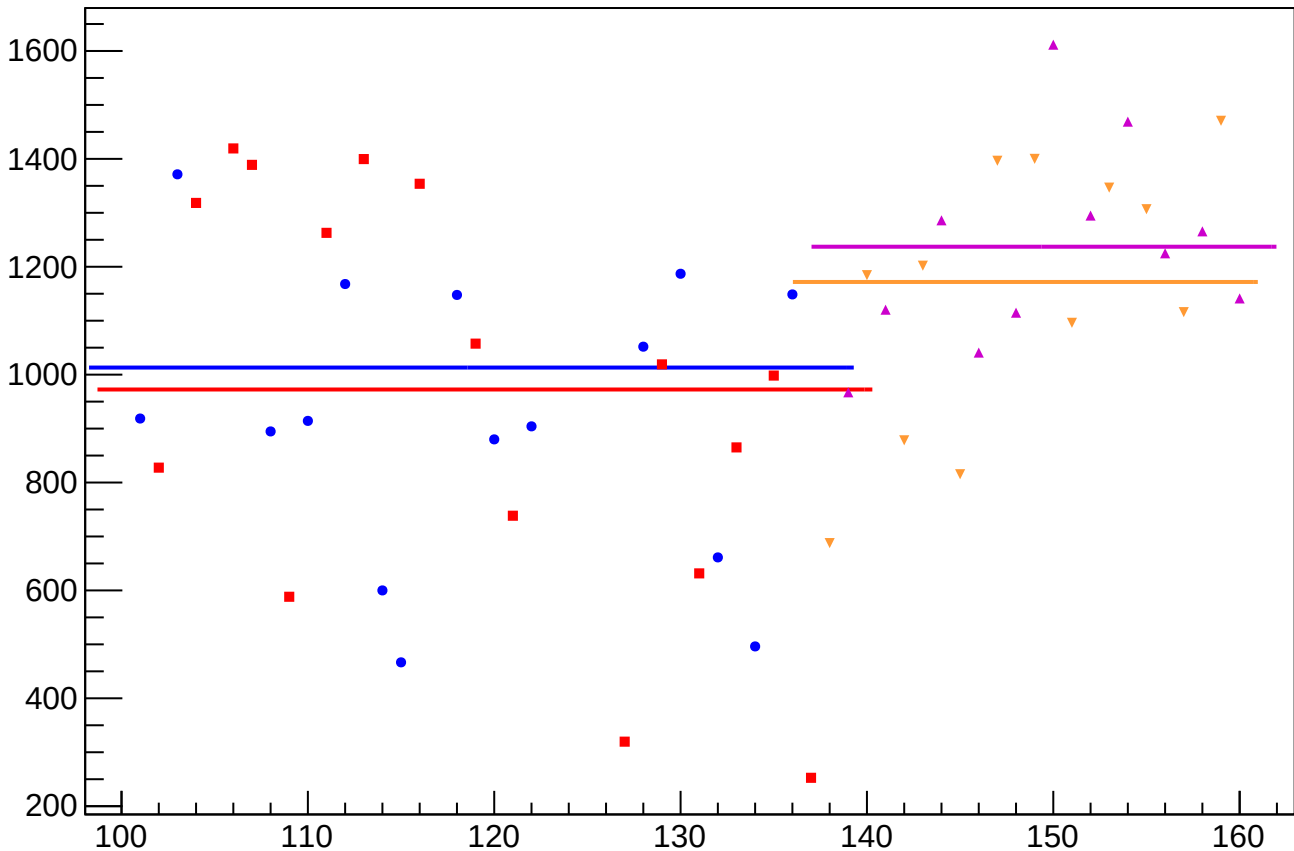
Right In: 1.480 $\pm$ 0.000 χ^2 /NDF: 5799670695902784459055767987683328.0/14
 Left Out: 2.298 $\pm$ 0.000 χ^2 /NDF: 2079870991739780462593334803693568.0/11
 Right Out: 1.480 $\pm$ 0.000 χ^2 /NDF: 4092645800613765572662987820367872.0/15
 Left In: 2.816 $\pm$ 0.000 χ^2 /NDF: 2230790234579581781884760219451392.0/10

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14
 Left Out: 1.291+/-0.000 χ^2/NDF : 119201725618452190917490324275200.0/11
 Right Out: 3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15
 Left In: 1.387+/-0.000 χ^2/NDF : 245381205913734368947829561360384.0/10

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

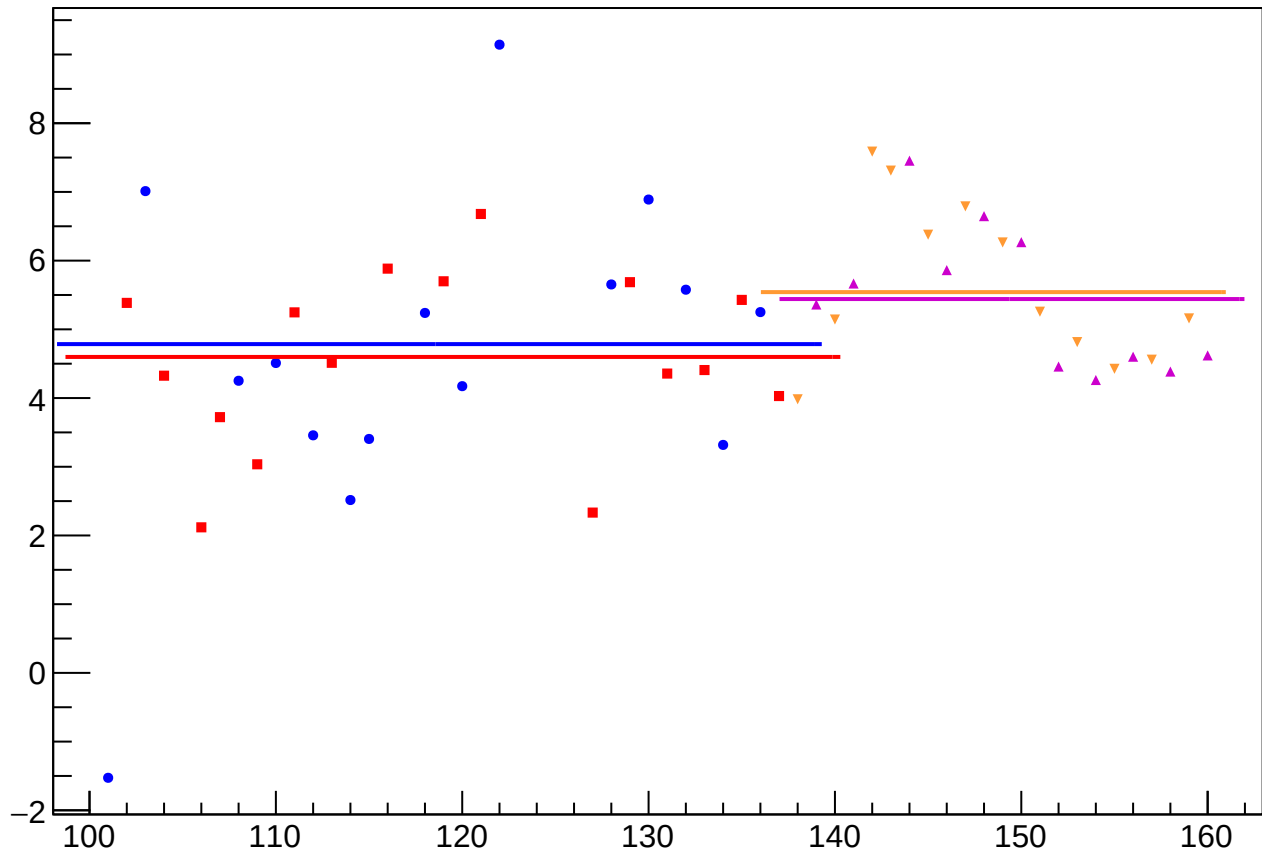
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.542+/-0.000 χ^2/NDF : 1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

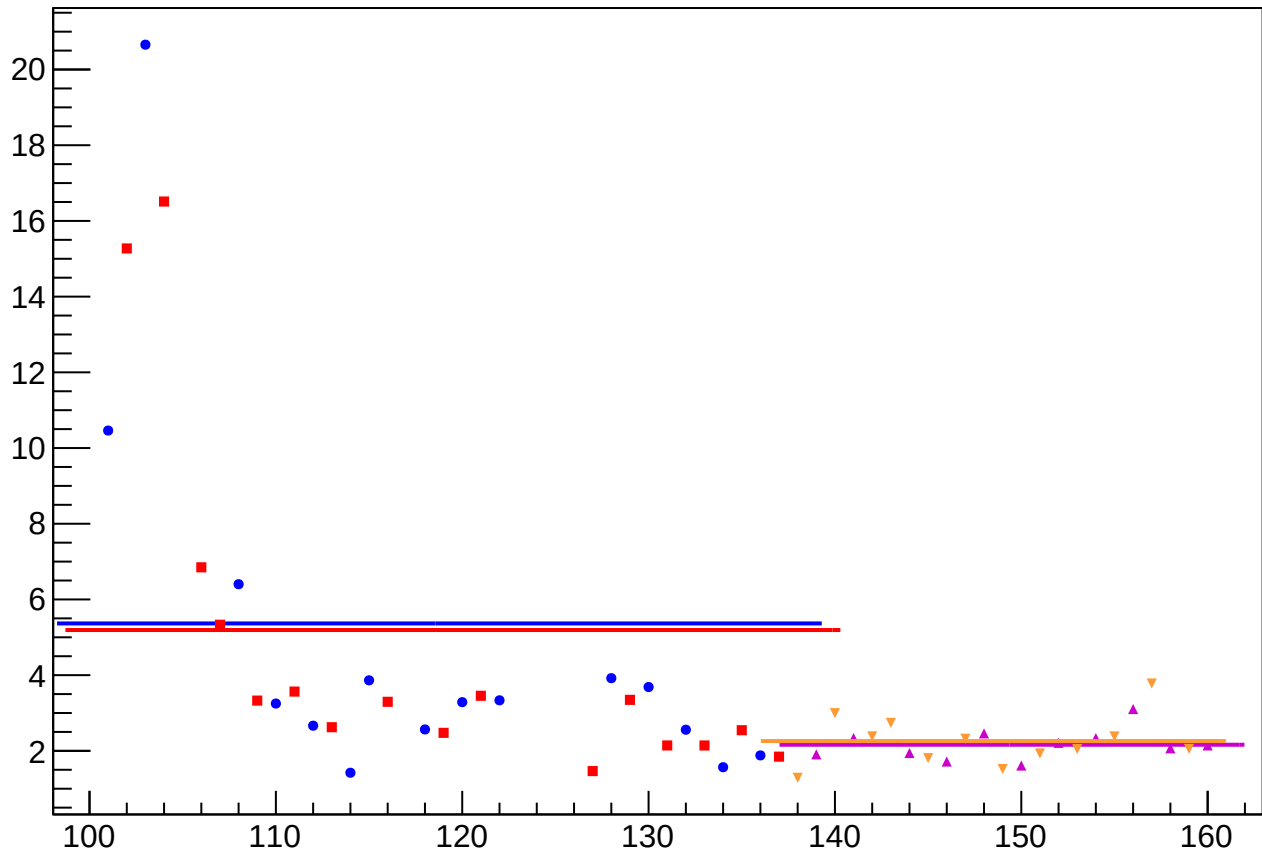
Left In: 5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10

+ sign 5.228+/-0.000 χ^2/NDF : 52775278537093166

All: 5.157+/-0.000 χ^2/NDF : 75267523831807

- sign 5.088+/-0.000 χ^2/NDF : 22337713953374815

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366 $\pm$ 0.000 χ^2 /NDF: 18780724722063497096153009301225472.0/14

Left Out: 2.259 $\pm$ 0.000 χ^2 /NDF: 395399614951959116127821516242944.0/11

Right Out: 5.192 $\pm$ 0.000 χ^2 /NDF: 15749573754945345754432436952891392.0/15

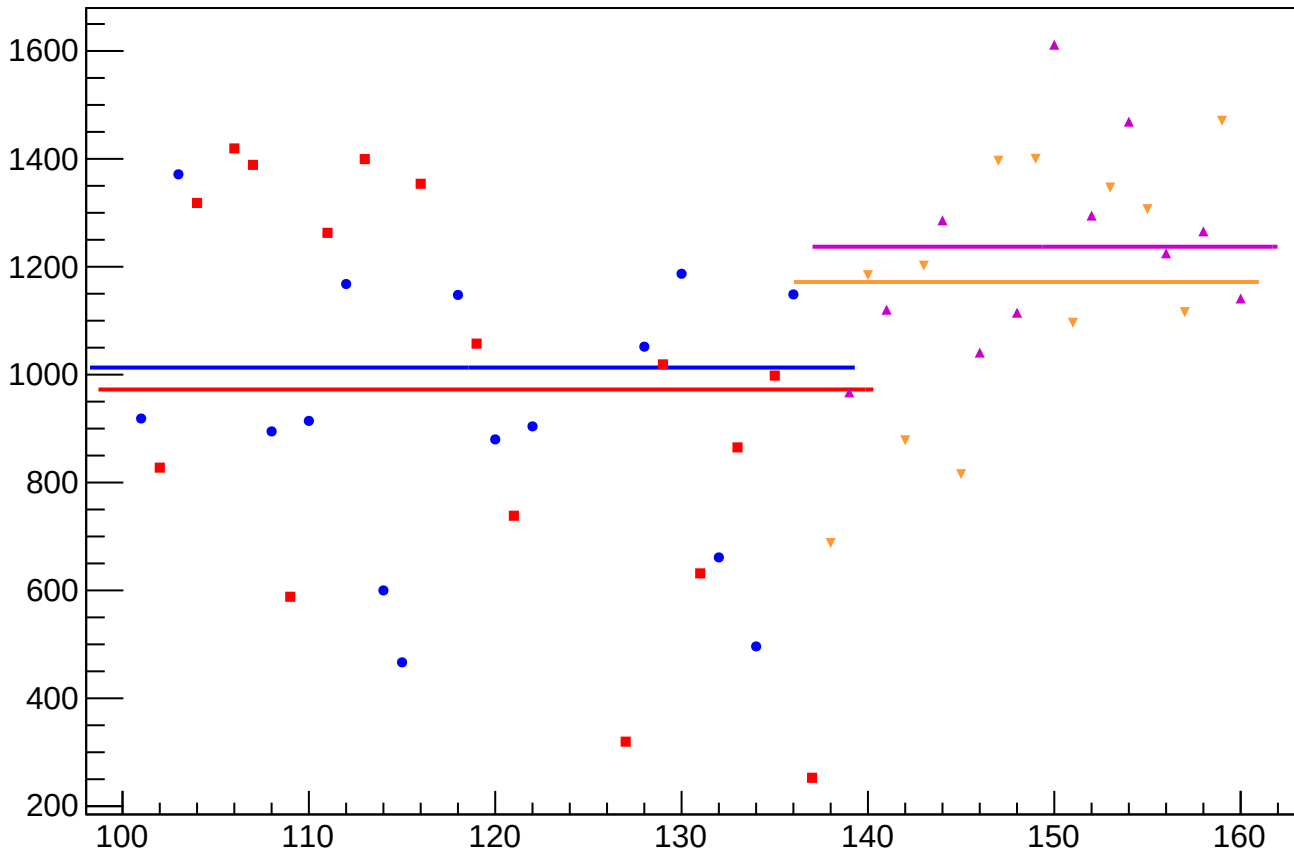
Left In: 2.162 $\pm$ 0.000 χ^2 /NDF: 138367938839103248546751049629696.0/10

+ sign 3.549 $\pm$ 0.000 χ^2 /NDF: 22840324830189286

All: 3.490 $\pm$ 0.000 χ^2 /NDF: 42296939077680

- sign 3.432 $\pm$ 0.000 χ^2 /NDF: 19445829920618957

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

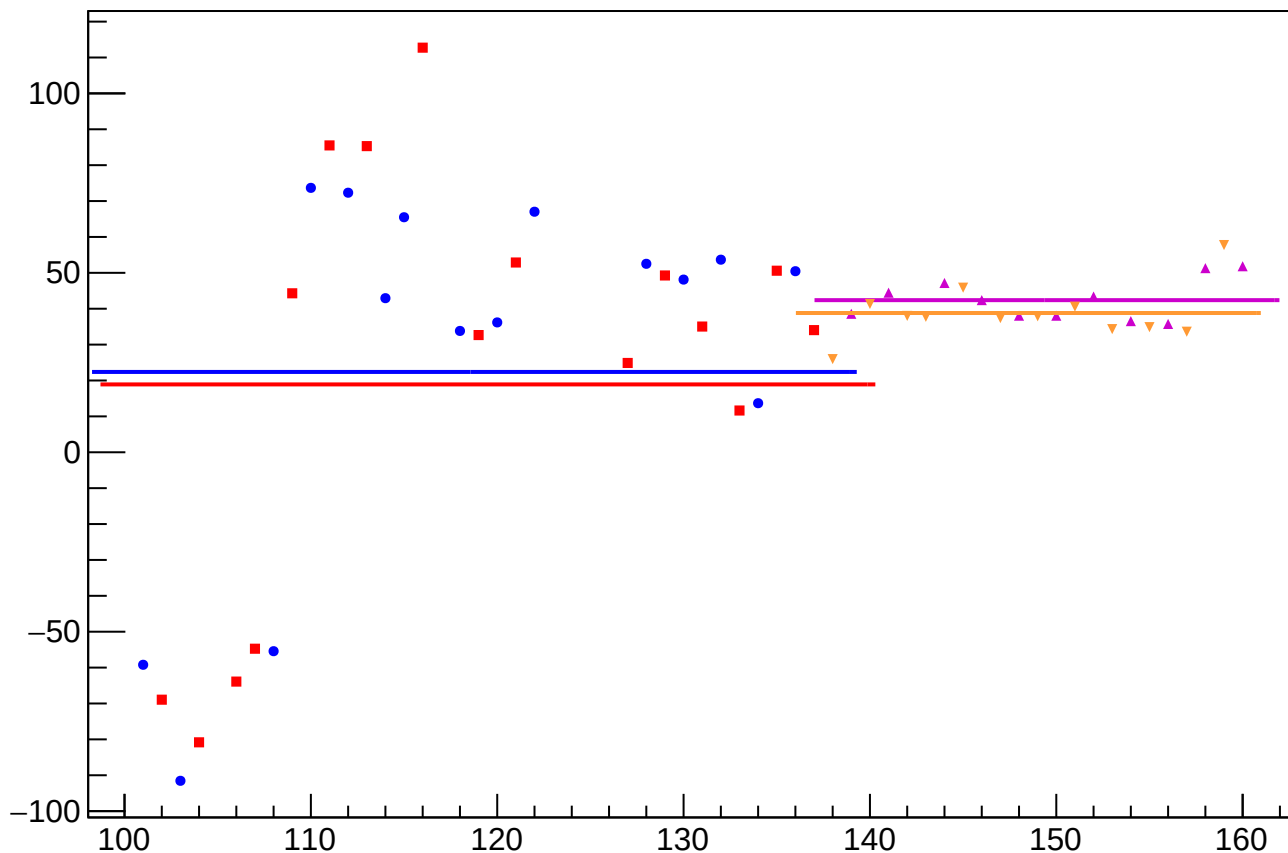
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 38.806+/-0.000 χ^2/NDF : 51649905292188588204172531766132736.0/11

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

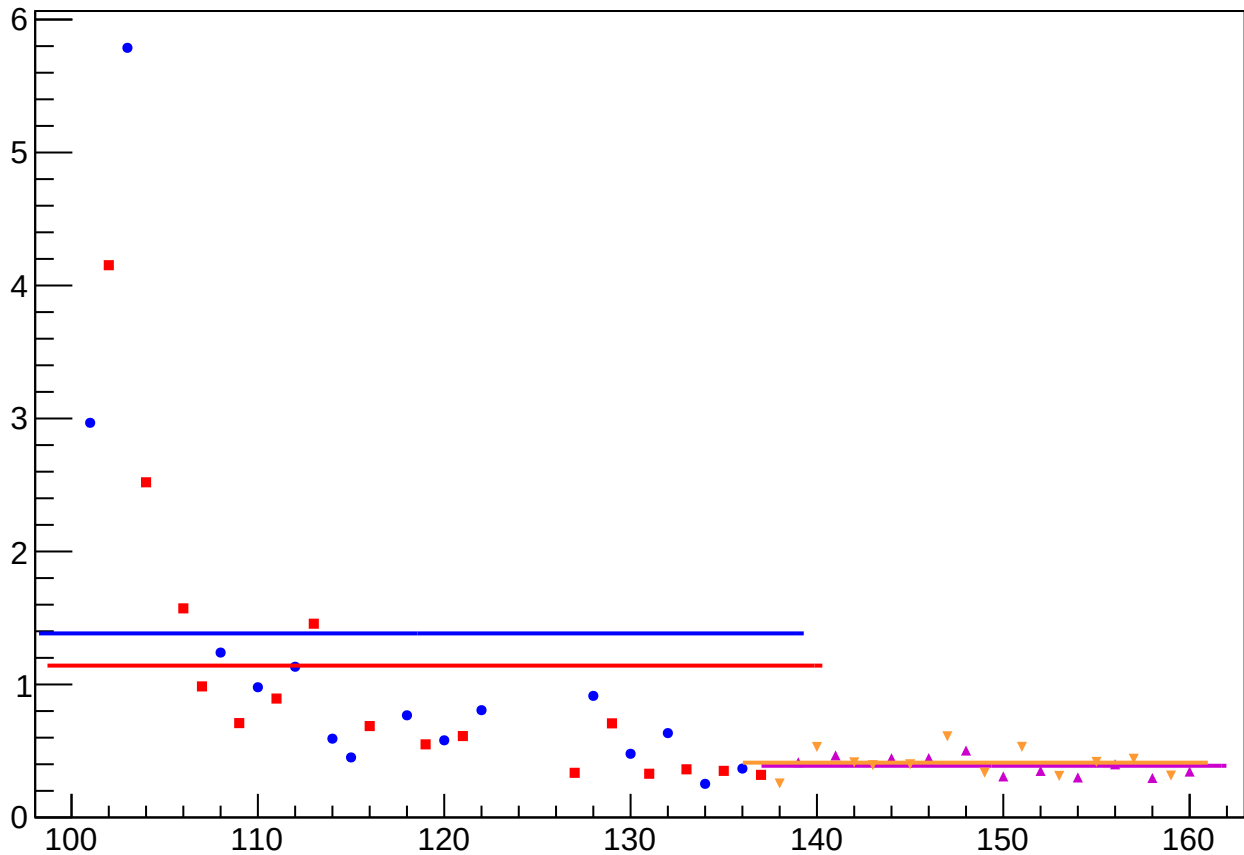
Left In: 42.386+/-0.000 χ^2/NDF : 26555660128562986553016927486214144.0/10

+ sign 31.987+/-0.000 χ^2/NDF : 2076251683338392

All: 32.268+/-0.000 χ^2/NDF : 4498818256205

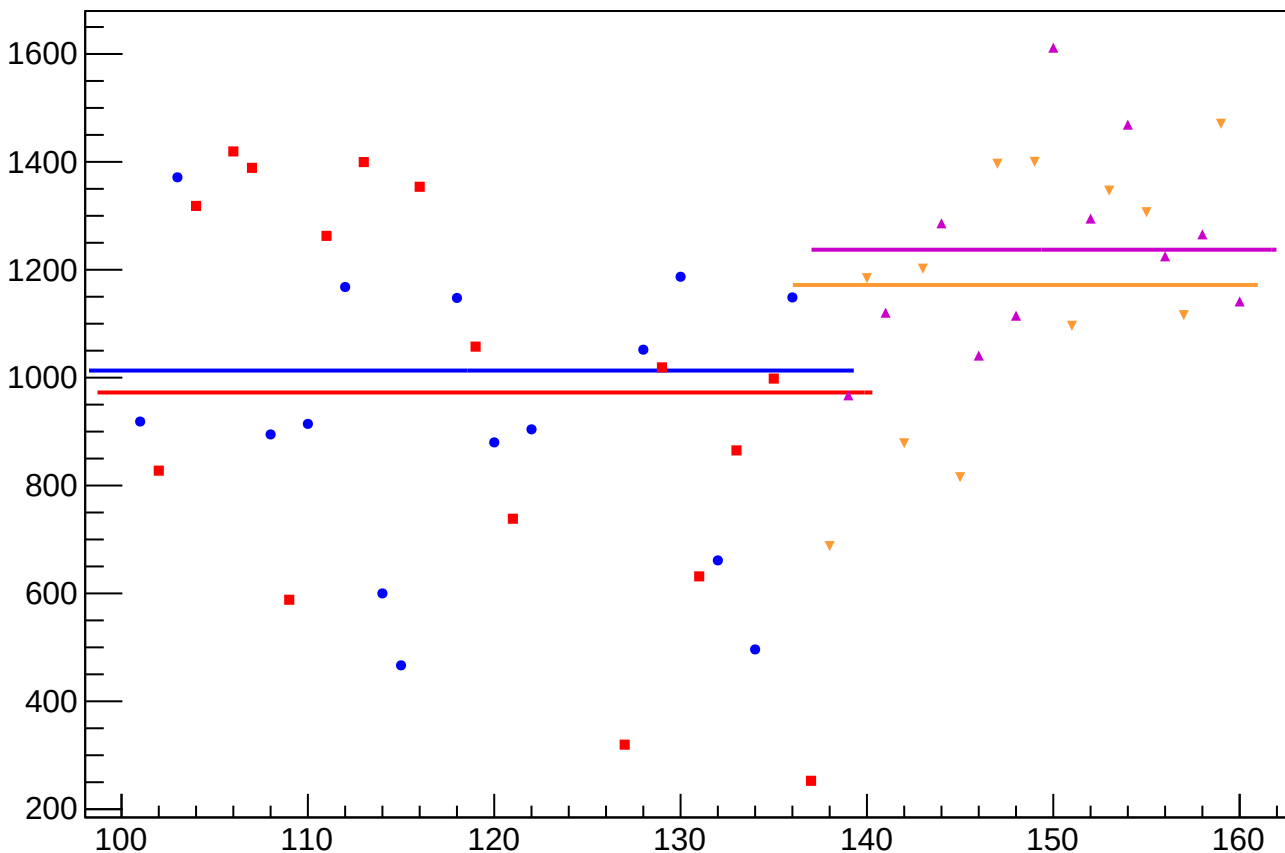
- sign 32.543+/-0.000 χ^2/NDF : 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000	χ^2/NDF : 1571159324102064120487940936695808.0/14	+ sign 0.816+/-0.000	χ^2/NDF : 19389895341035378
Left Out: 0.412+/-0.000	χ^2/NDF : 9382414275472018674983467220992.0/11	All: 0.760+/-0.000	χ^2/NDF : 2983619505756
Right Out: 1.142+/-0.000	χ^2/NDF : 810680738285448955223066212827136.0/15	- sign 0.704+/-0.000	χ^2/NDF : 10348725978885865
Left In: 0.389+/-0.000	χ^2/NDF : 4468112130112640641394154668032.0/10		

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

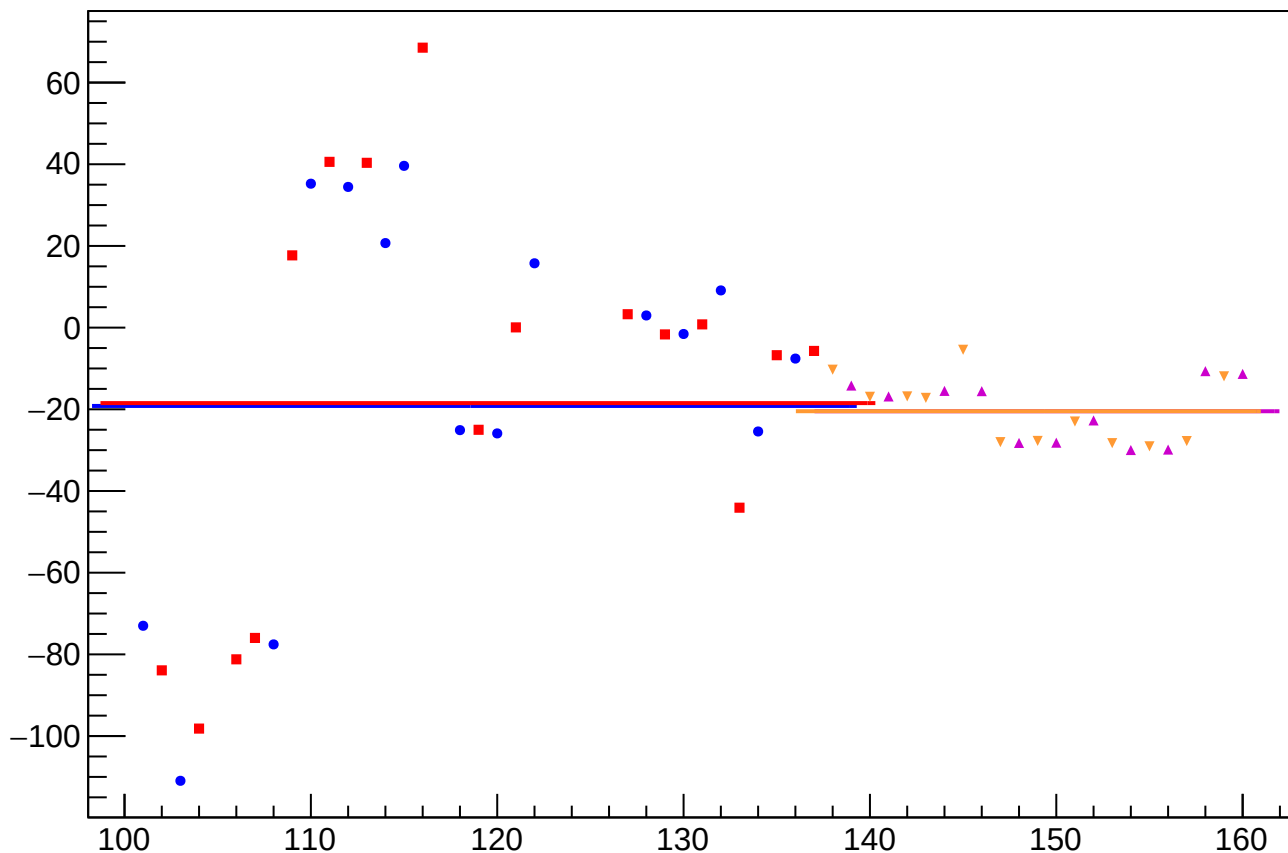
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eY_coil6_mean vs Slug



Right In: -19.175 ± 0.000 $\chi^2/\text{NDF}: 1246364705689764961102868160463241216.0/14$

Left Out: -20.466 ± 0.000 $\chi^2/\text{NDF}: 58628381923673457294433589512896512.0/11$

Right Out: -18.479 ± 0.000 $\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$

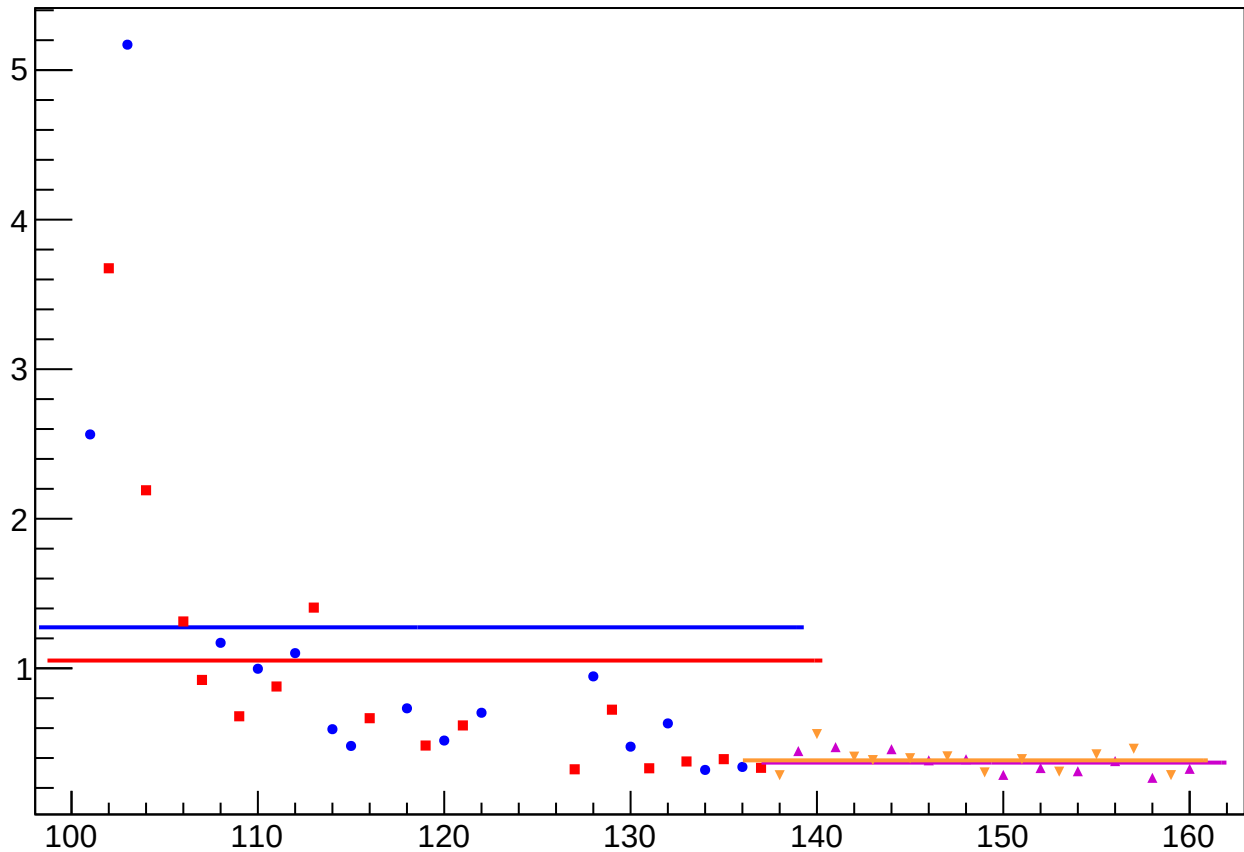
Left In: -20.473 ± 0.000 $\chi^2/\text{NDF}: 48484953363349820110348478937300992.0/10$

All: -19.782 ± 0.000 $\chi^2/\text{NDF}: 284511592850$

- sign -19.637 ± 0.000 $\chi^2/\text{NDF}: 1539423306551337$

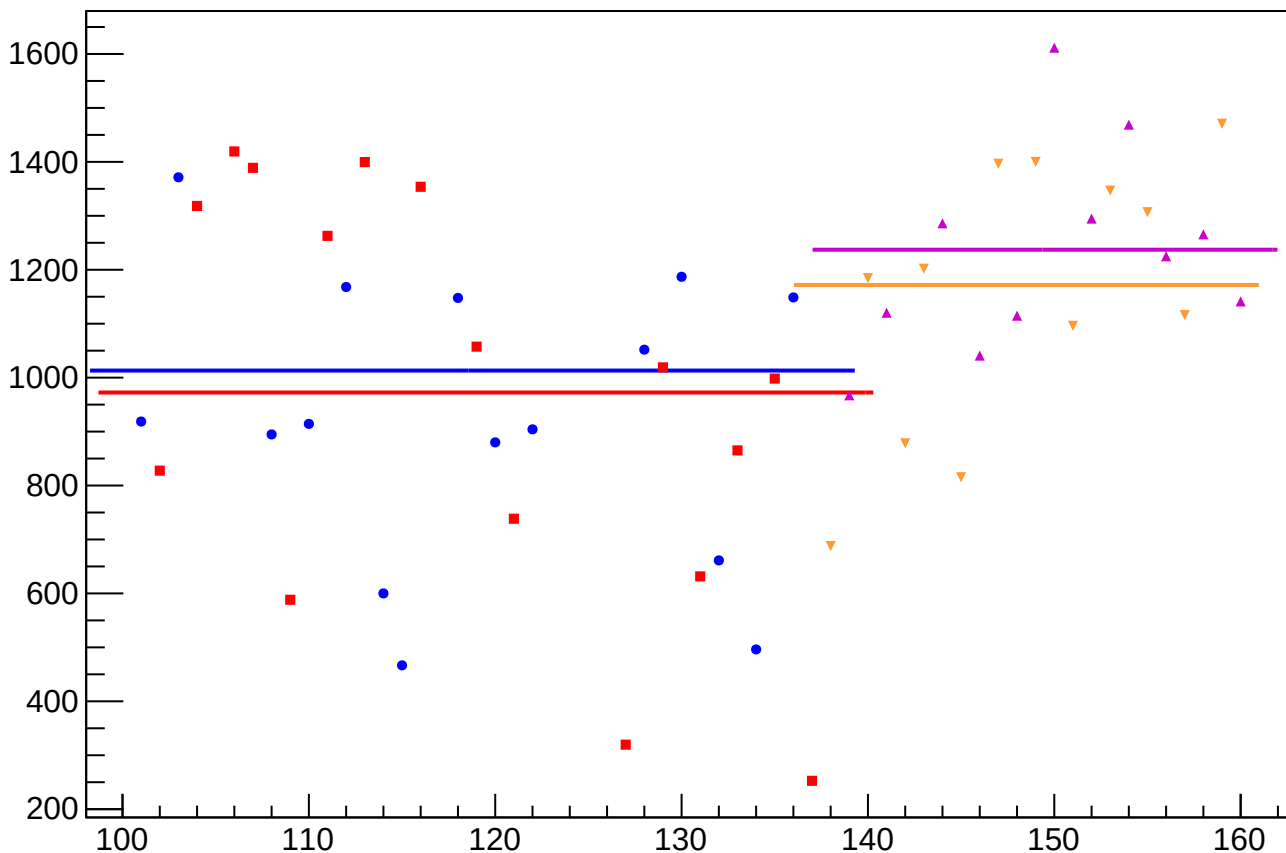
+ sign -19.930 ± 0.000 $\chi^2/\text{NDF}: 130562508565939$

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 ± 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.384 ± 0.000 χ^2/NDF : 5822322029078598268260129439744.0/11
 Right Out: 1.052 ± 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: 0.369 ± 0.000 χ^2/NDF : 4166350638848138676707816112128.0/10

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

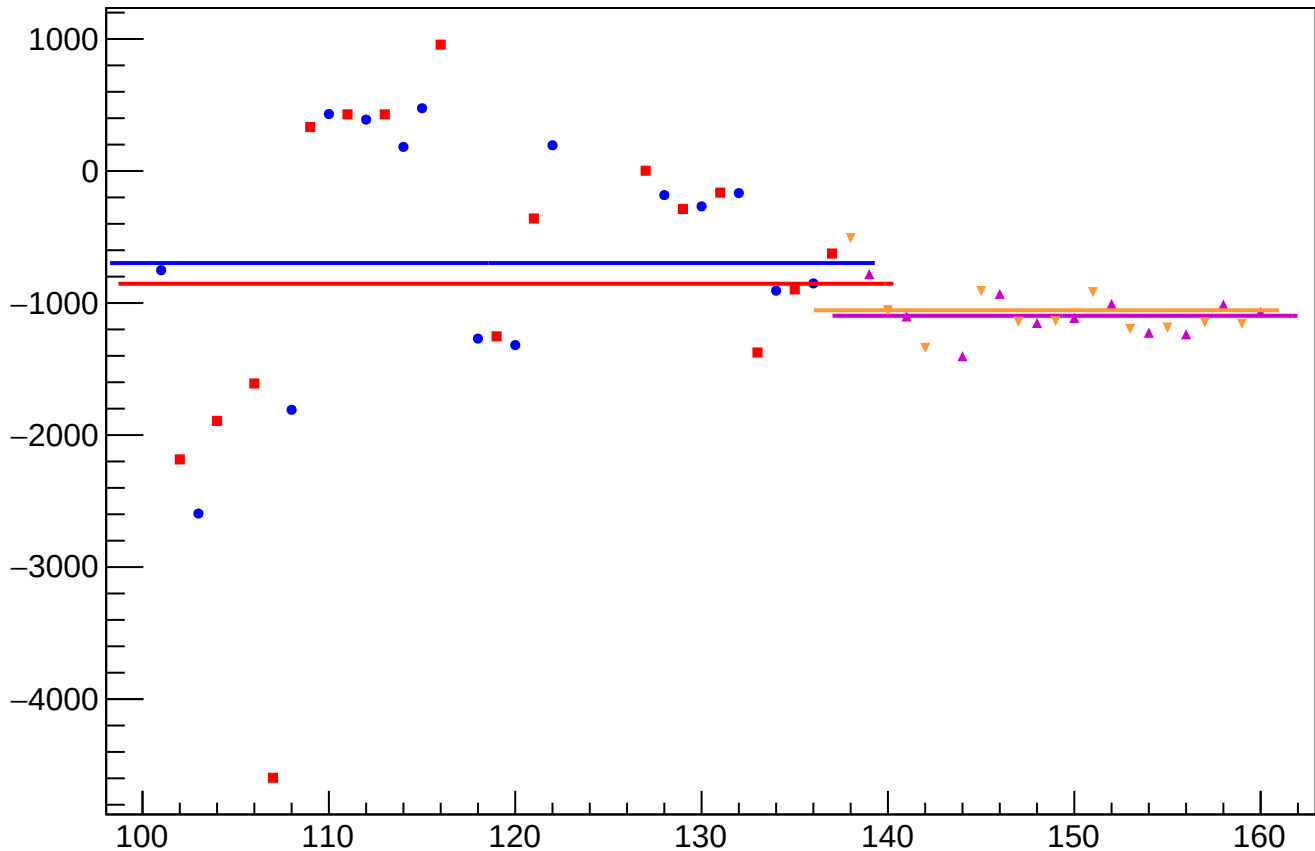
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

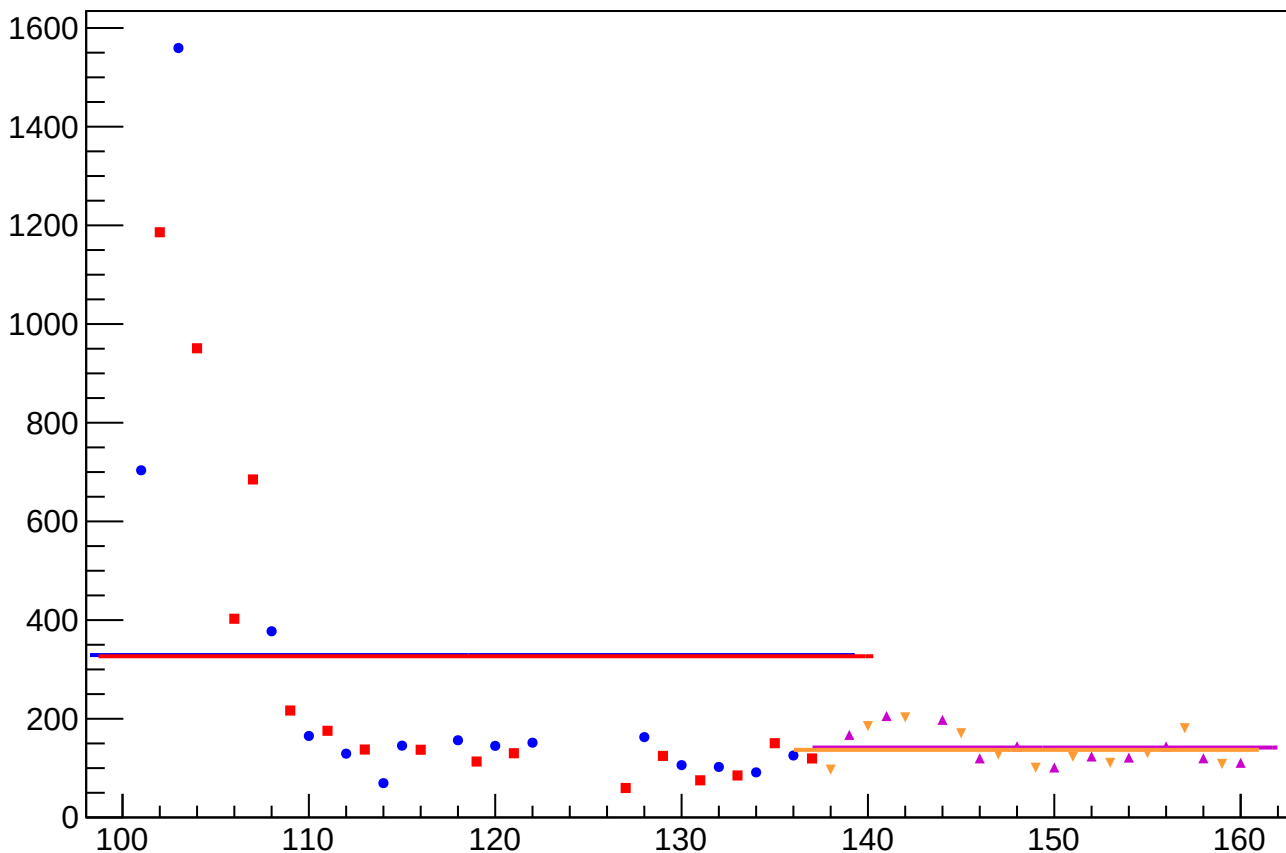
dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000	χ^2/NDF : 490435790698133828475769692944364208128.0/14
Left Out: -1054.675+/-0.000	χ^2/NDF : 35893414561751289831028004535805149184.0/10
Right Out: -853.734+/-0.000	χ^2/NDF : 1078379020126412317155932275156201766912.0/15
Left In: -1096.508+/-0.000	χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ sign -899.630+/-0.000 χ^2/NDF : 57326318903301
 All: -948.643+/-0.000 χ^2/NDF : 17048438468
 - sign -994.729+/-0.000 χ^2/NDF : 11246076469589

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 137.012+/-0.000 χ^2/NDF : 1014362817438194132709655172622581760.0/10

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

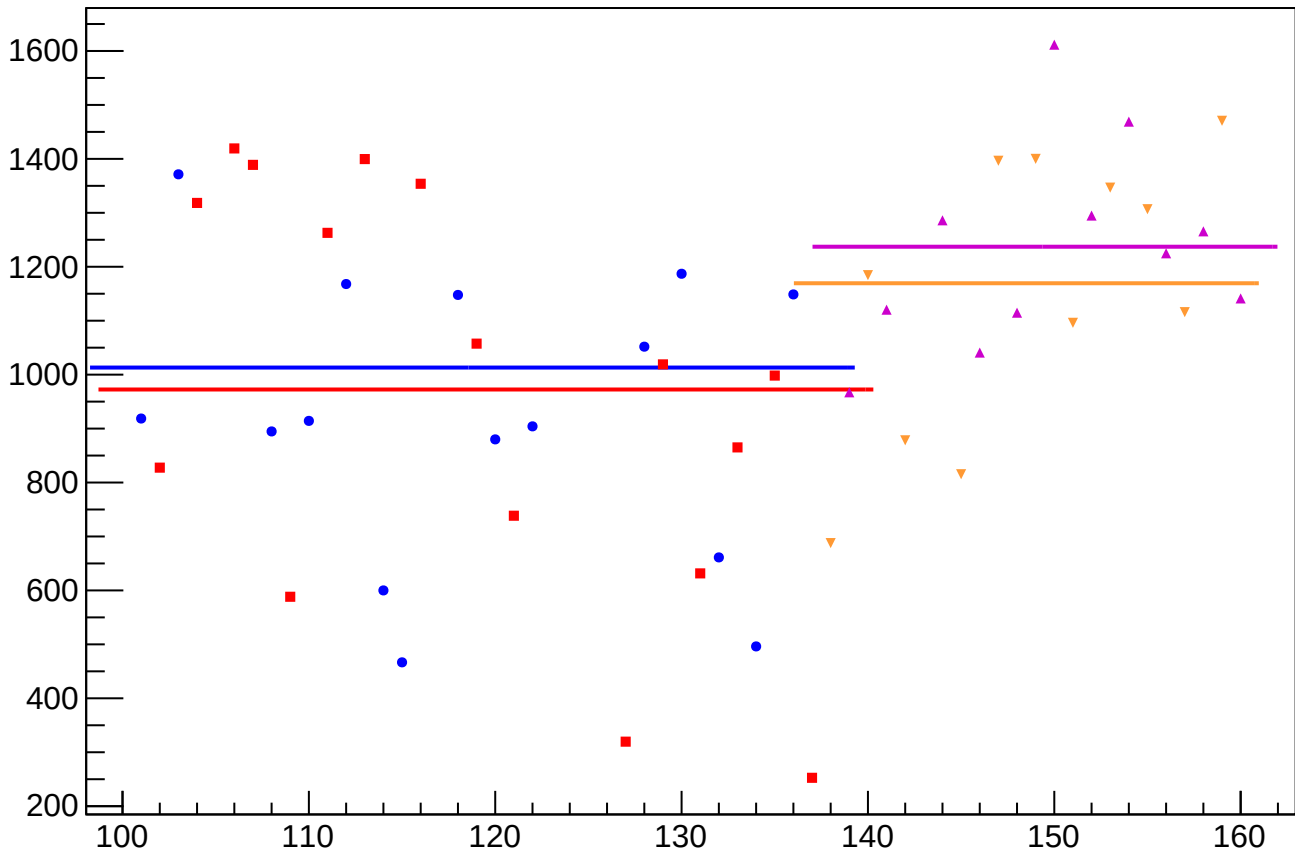
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ sign 220.348+/-0.000 χ^2/NDF : 131437286987264

All: 219.782+/-0.000 χ^2/NDF : 233310972456

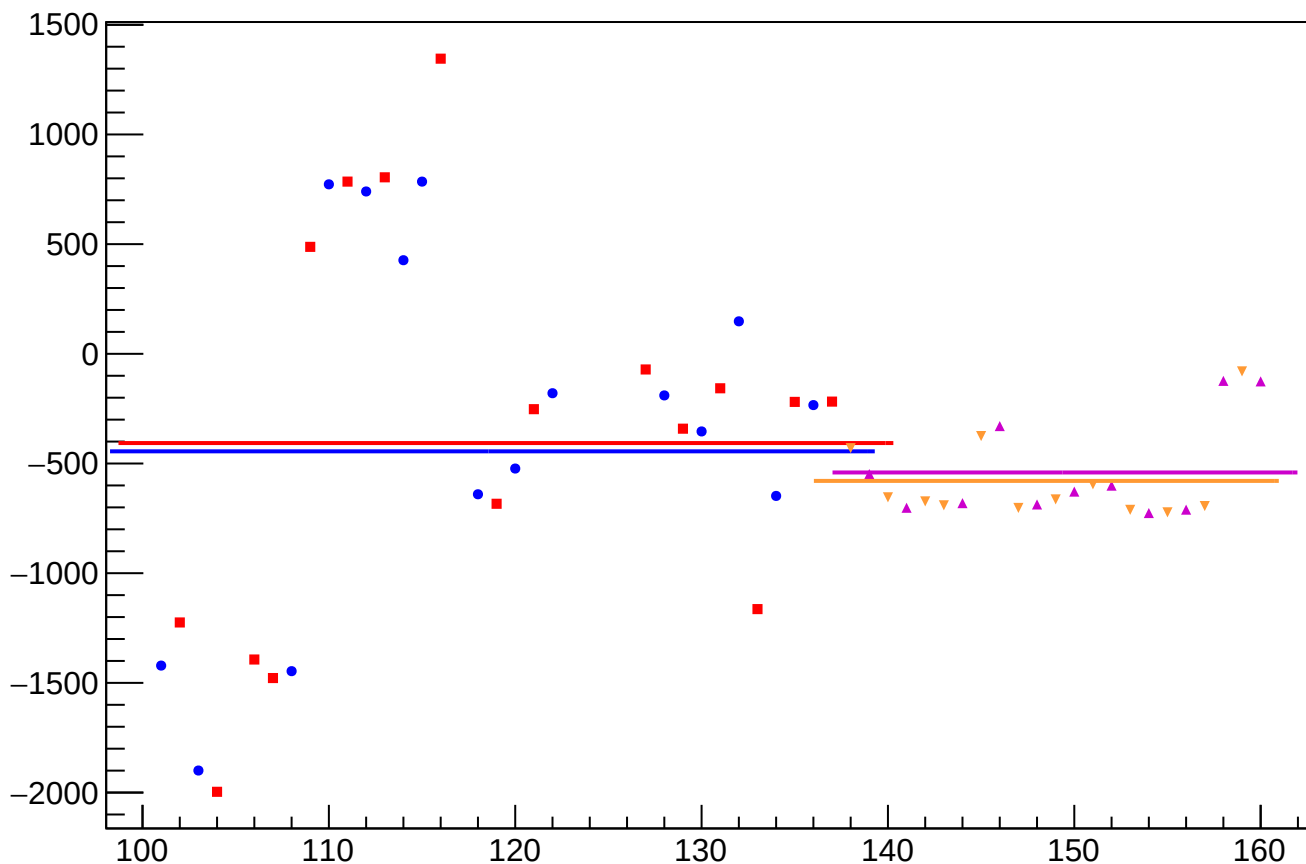
- sign 219.249+/-0.000 χ^2/NDF : 101872754009430

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146 ± 0.000 $\chi^2/\text{NDF}: 31721270909522099205936100724856324096.0/14$
 Left Out: 1169.420 ± 0.000 $\chi^2/\text{NDF}: 52359058528484212152975817930553950208.0/10$
 Right Out: 972.465 ± 0.000 $\chi^2/\text{NDF}: 78884457200782655962756069915468234752.0/15$
 Left In: 1237.150 ± 0.000 $\chi^2/\text{NDF}: 30323445843993737164691986740223672320.0/10$

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14

Left Out: -579.272+/-0.000 χ^2/NDF : 32584581524528860941595597407042666496.0/11

Right Out: -406.729+/-0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15

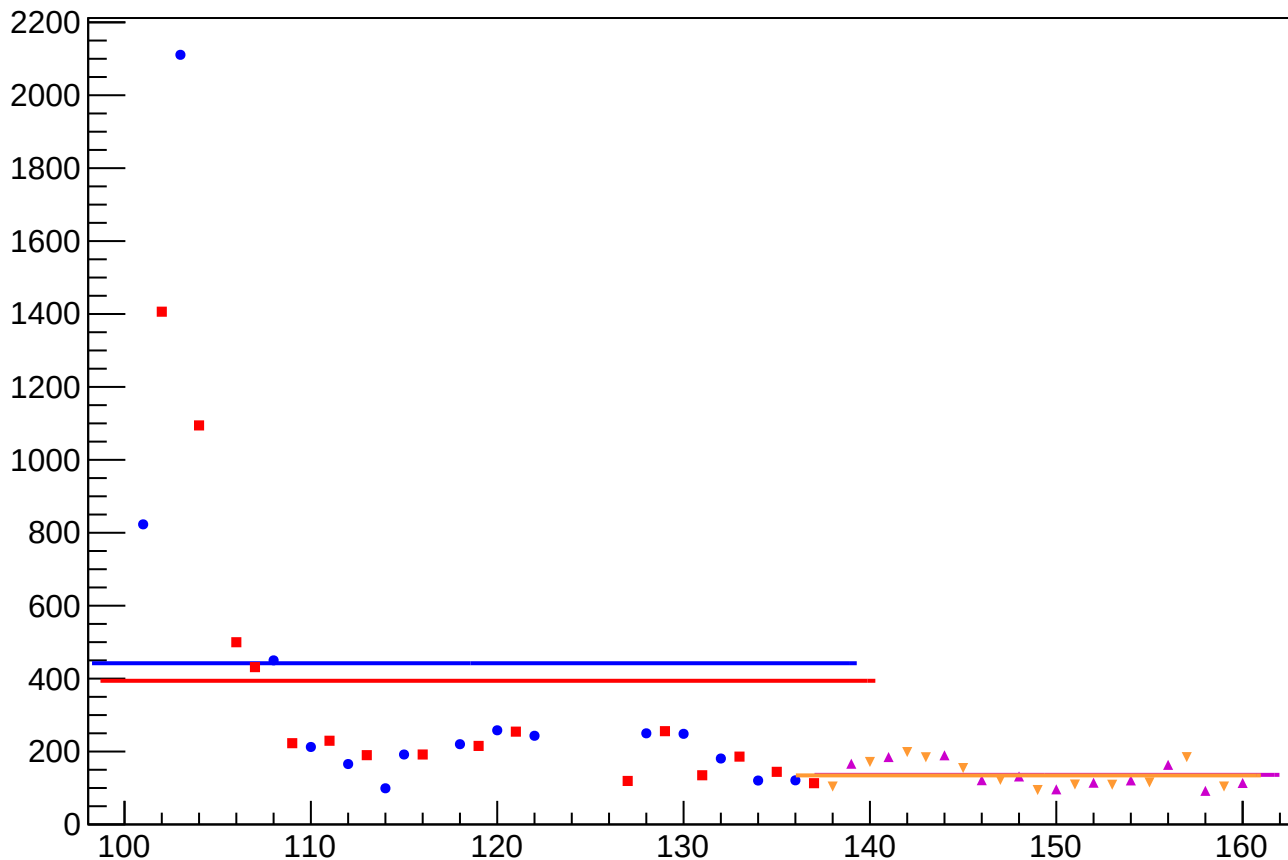
Left In: -540.842+/-0.000 χ^2/NDF : 42670193317497817911030367466366697472.0/10

+ sign -523.316+/-0.000 χ^2/NDF : 43595864947593

All: -503.795+/-0.000 χ^2/NDF : 10158993354

- sign -484.617+/-0.000 χ^2/NDF : 578759927131057

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.562+/-0.000 χ^2/NDF : 1123122265403287497024317633834516480.0/11

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

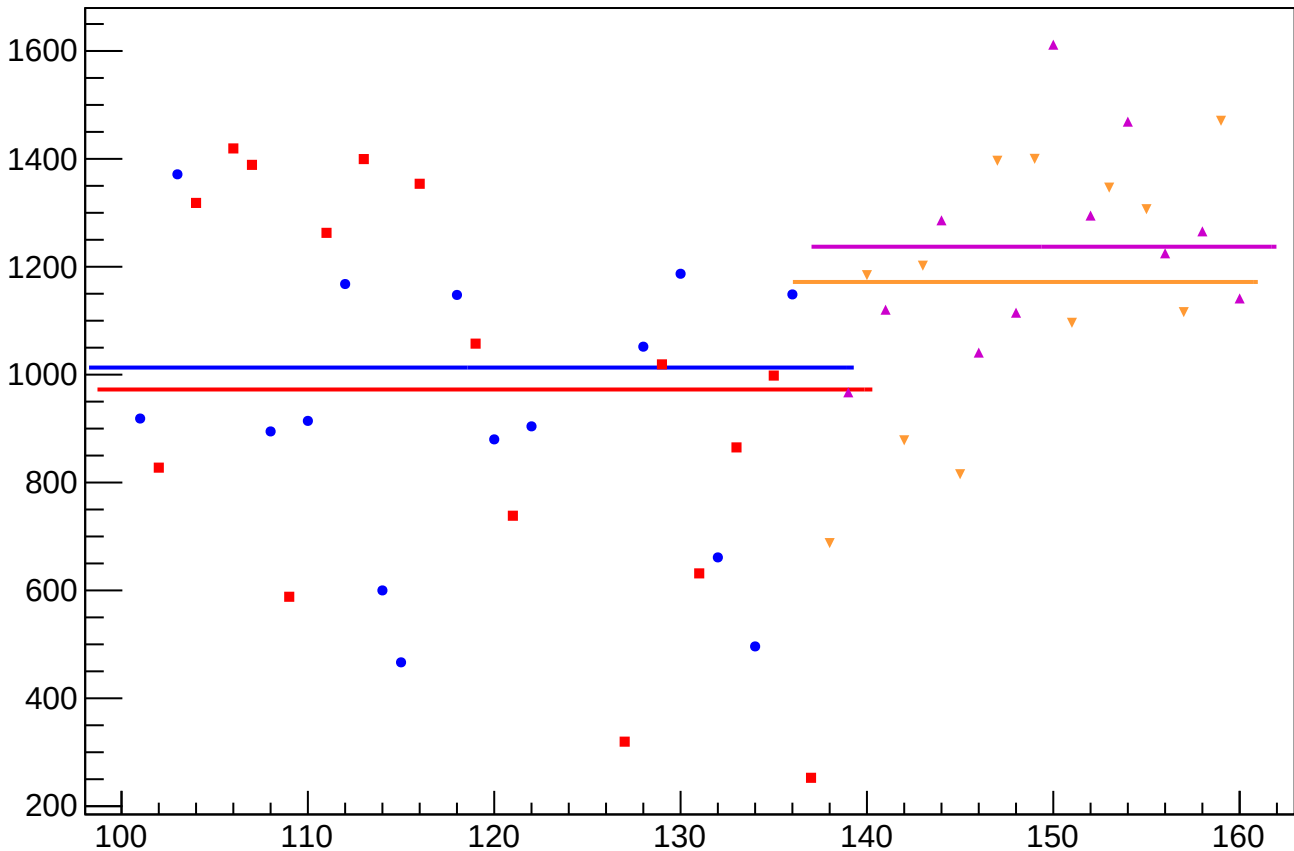
Left In: 136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286+/-0.000 χ^2/NDF : 241048188566854

All: 253.162+/-0.000 χ^2/NDF : 37398353308

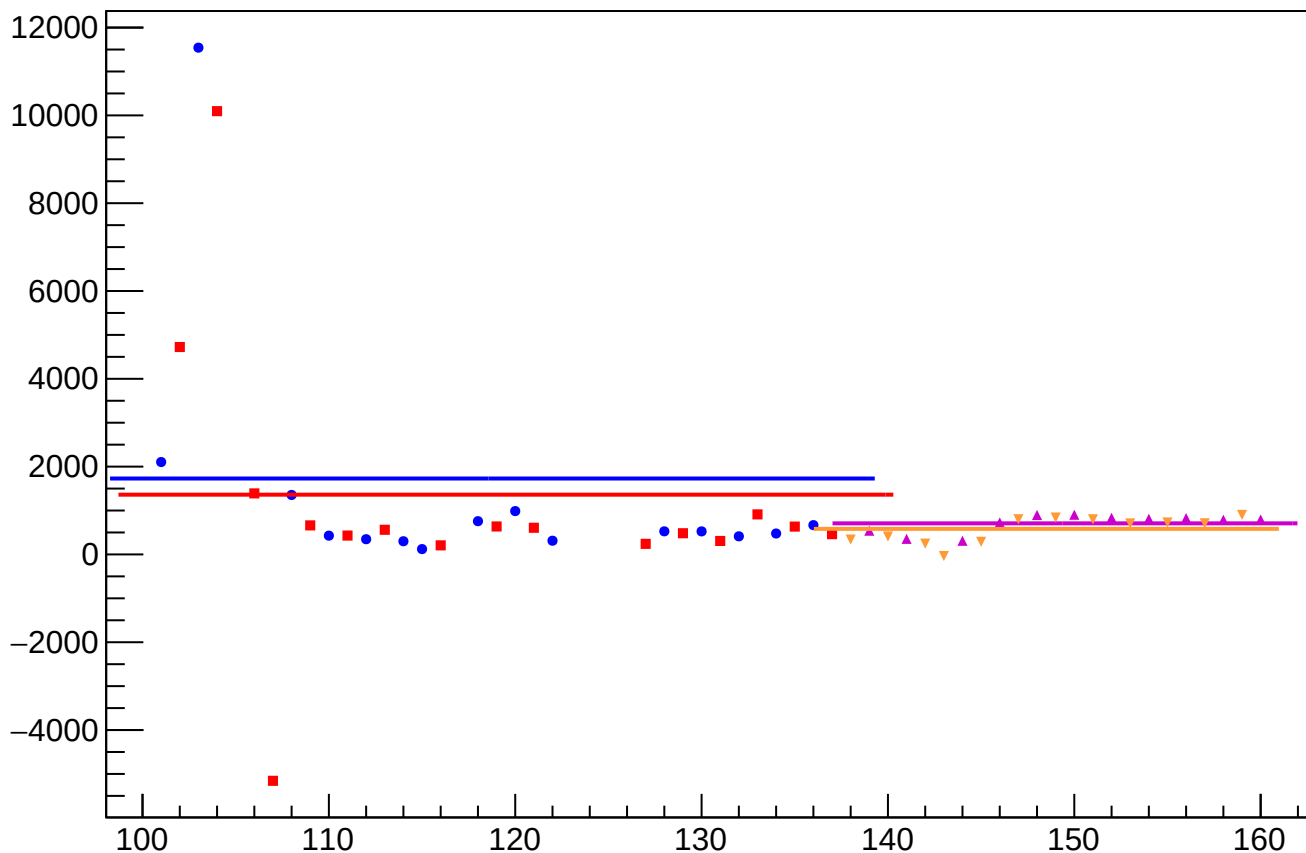
- sign 244.199+/-0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



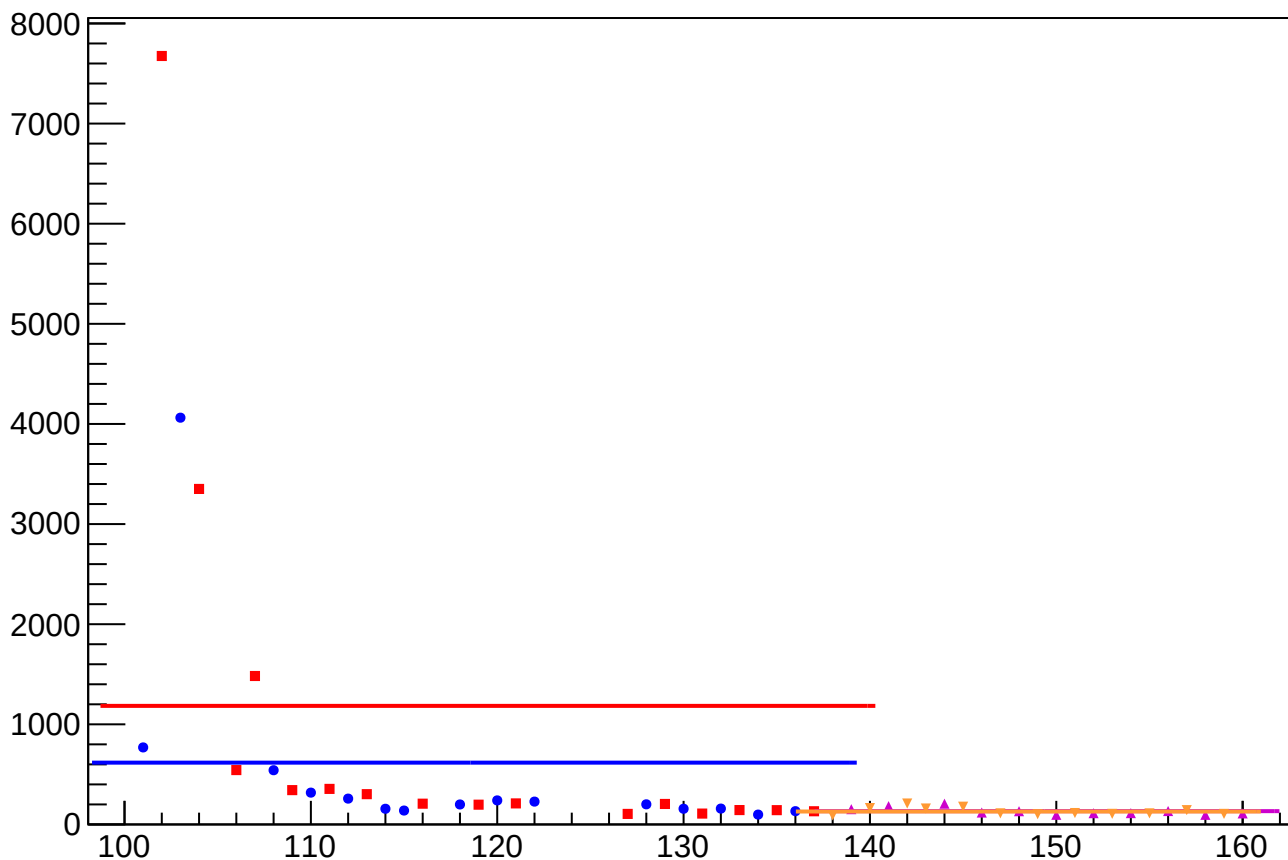
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 582.152+/-0.000 χ^2/NDF : 70083772647831486125732989768801714176.0/11
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889+/-0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10
 All: 1019.669+/-0.000 χ^2/NDF : 13621932895
 + sign 1058.360+/-0.000 χ^2/NDF : 69823808255157
 - sign 981.659+/-0.000 χ^2/NDF : 663491357929352

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 129.339+/-0.000 χ^2/NDF : 987271298758703212489370439899938816.0/11

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

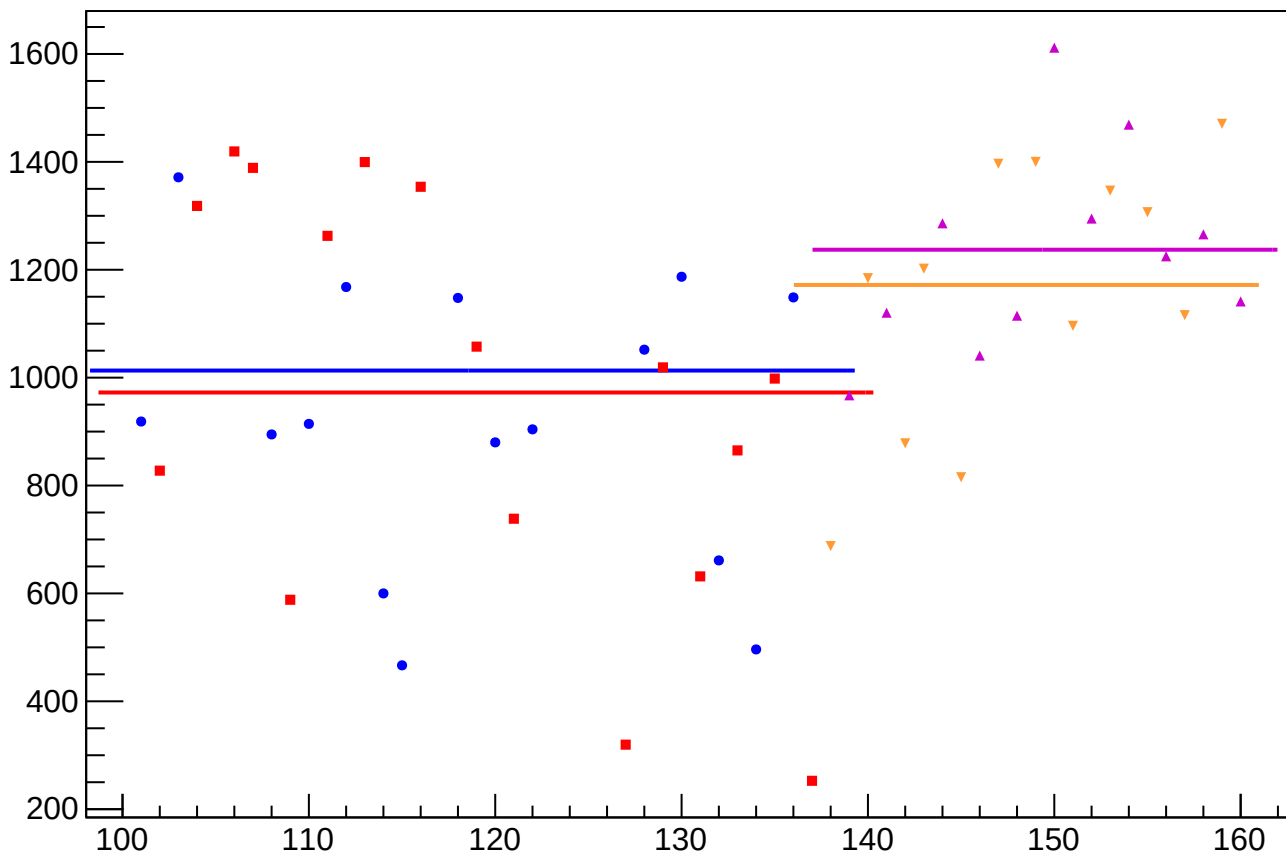
Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

+ sign 331.972+/-0.000 χ^2/NDF : 883734584018434

All: 453.895+/-0.000 χ^2/NDF : 452656903212

- sign 573.673+/-0.000 χ^2/NDF : 359677429953367

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

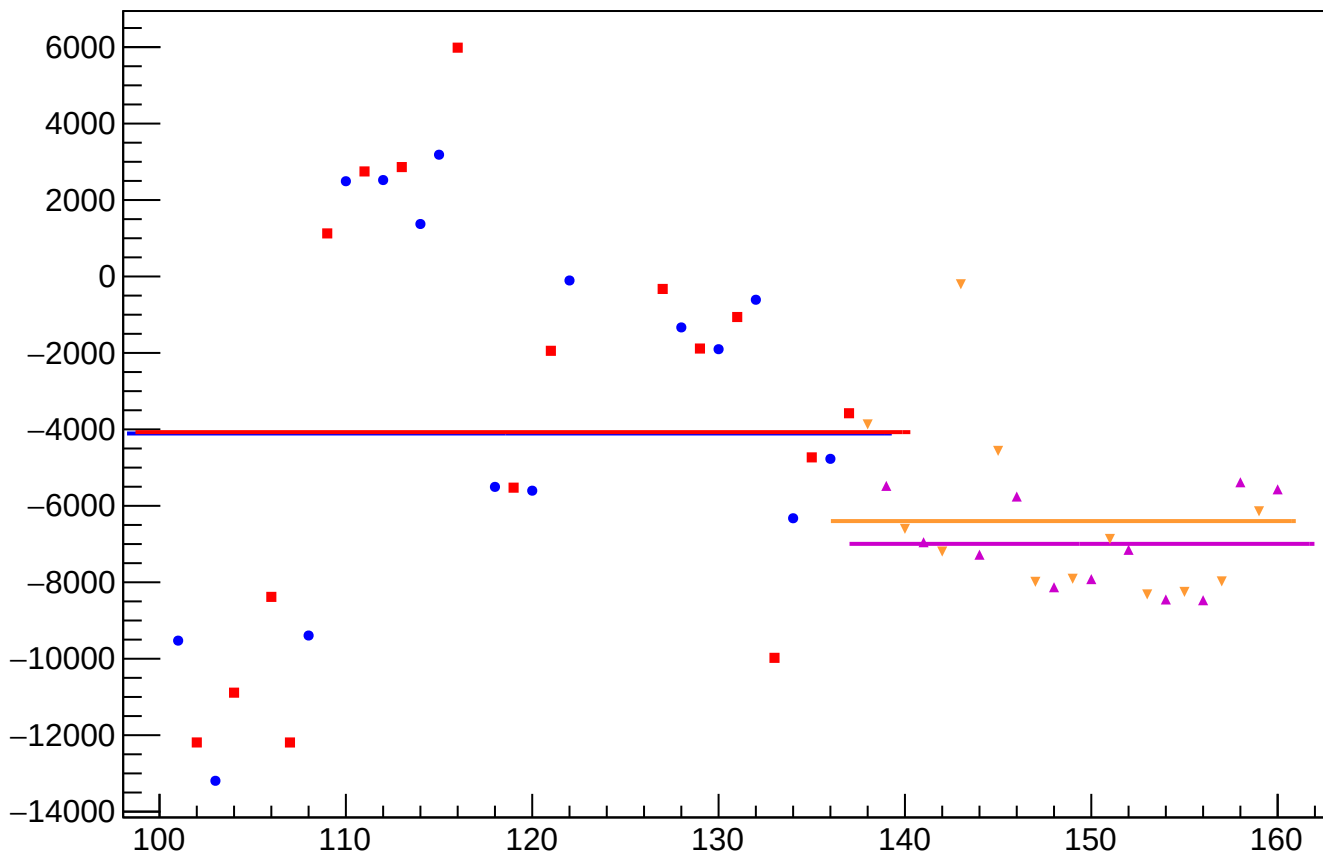
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

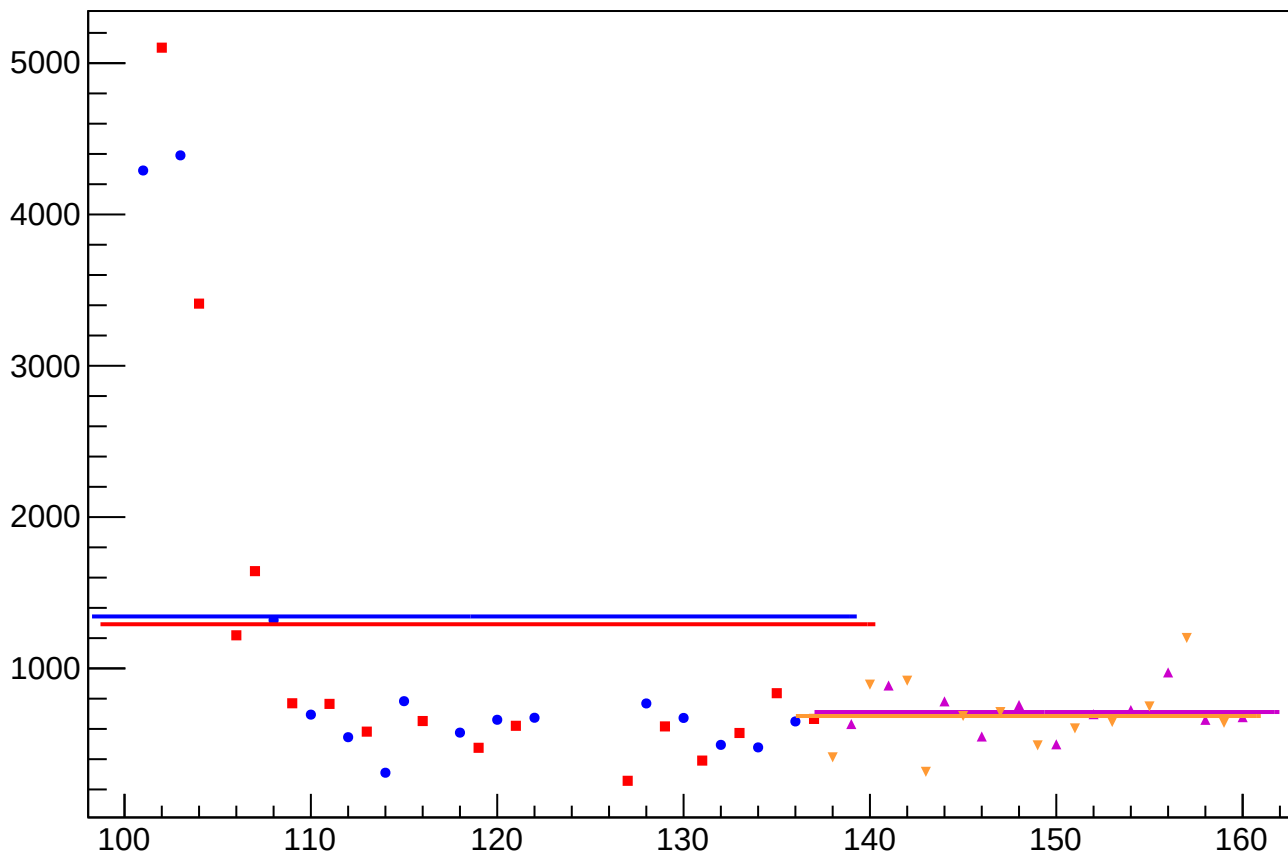
dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -6398.906+/-0.000	χ^2/NDF : 4560292812943761149136938286094472970240.0/11
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6994.812+/-0.000	χ^2/NDF : 1231738289385705389055875270097690951680.0/10

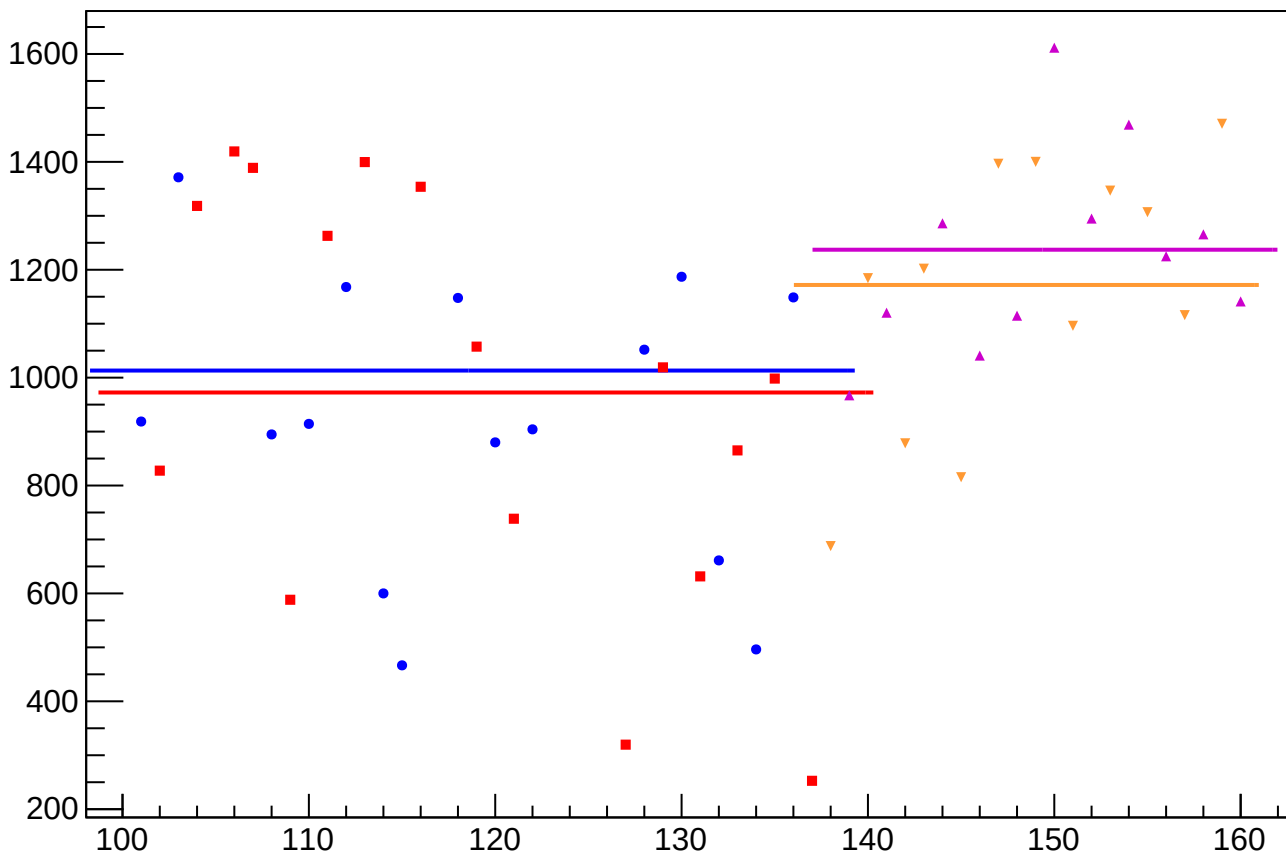
+ sign -5447.429+/-0.000 χ^2/NDF : 2108050211497
 All: -5609.905+/-0.000 χ^2/NDF : 4607018672
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 685.307+/-0.000 χ^2/NDF : 46333249080985813233742212153458294784.0/11
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

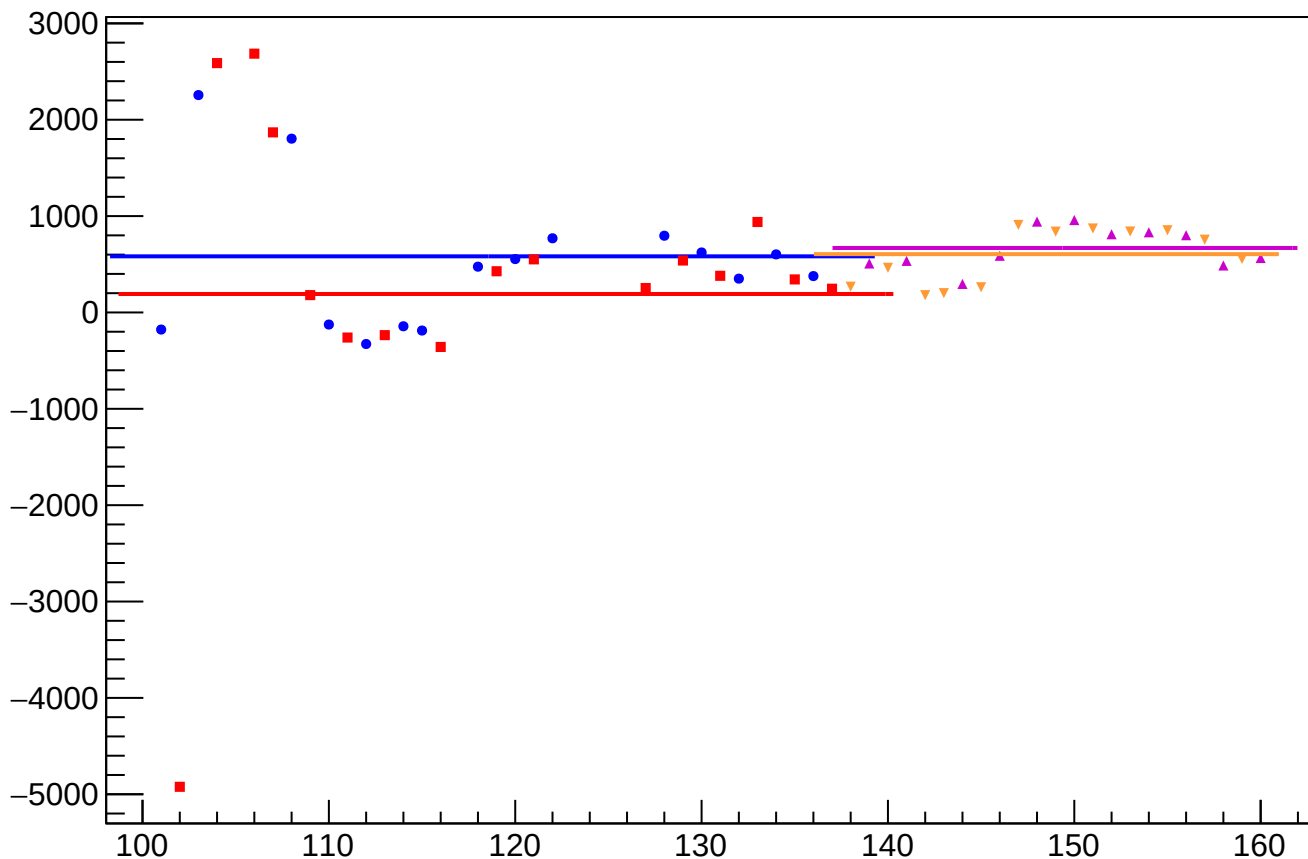
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 605.074+/-0.000 χ^2/NDF : 67912515245446196729937130882705915904.0/11

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 669.155+/-0.000 χ^2/NDF : 39481195240563617253842230522616479744.0/10

+ sign 595.655+/-0.000 χ^2/NDF : 406904373797989

All: 531.737+/-0.000 χ^2/NDF : 271615503925

- sign 468.943+/-0.000 χ^2/NDF : 229659160910176

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 142.333+/-0.000 χ^2/NDF : 699754234994212847043453967042347008.0/11

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

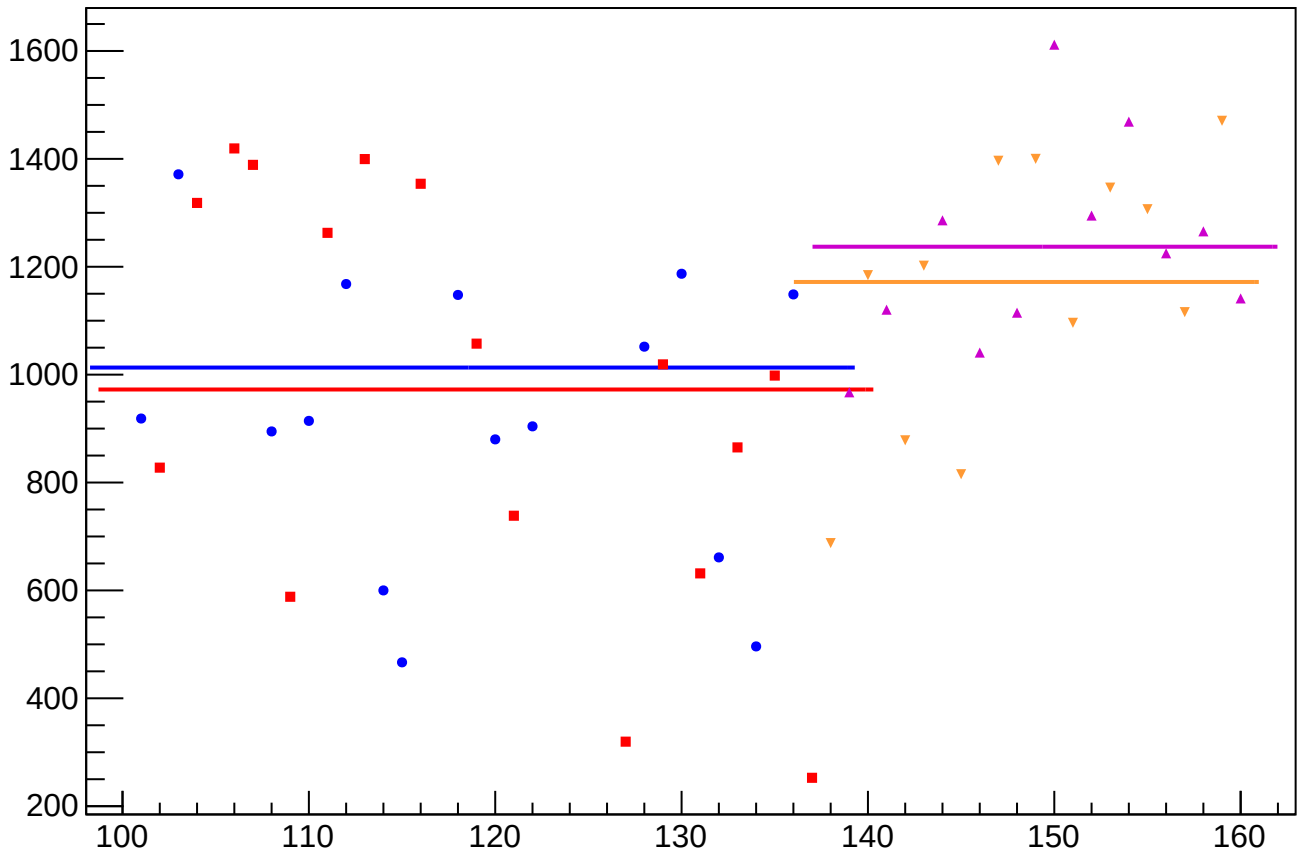
Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

+ sign 308.422+/-0.000 χ^2/NDF : 475799684039922

All: 375.901+/-0.000 χ^2/NDF : 32587788805

- sign 442.194+/-0.000 χ^2/NDF : 276887014570090

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

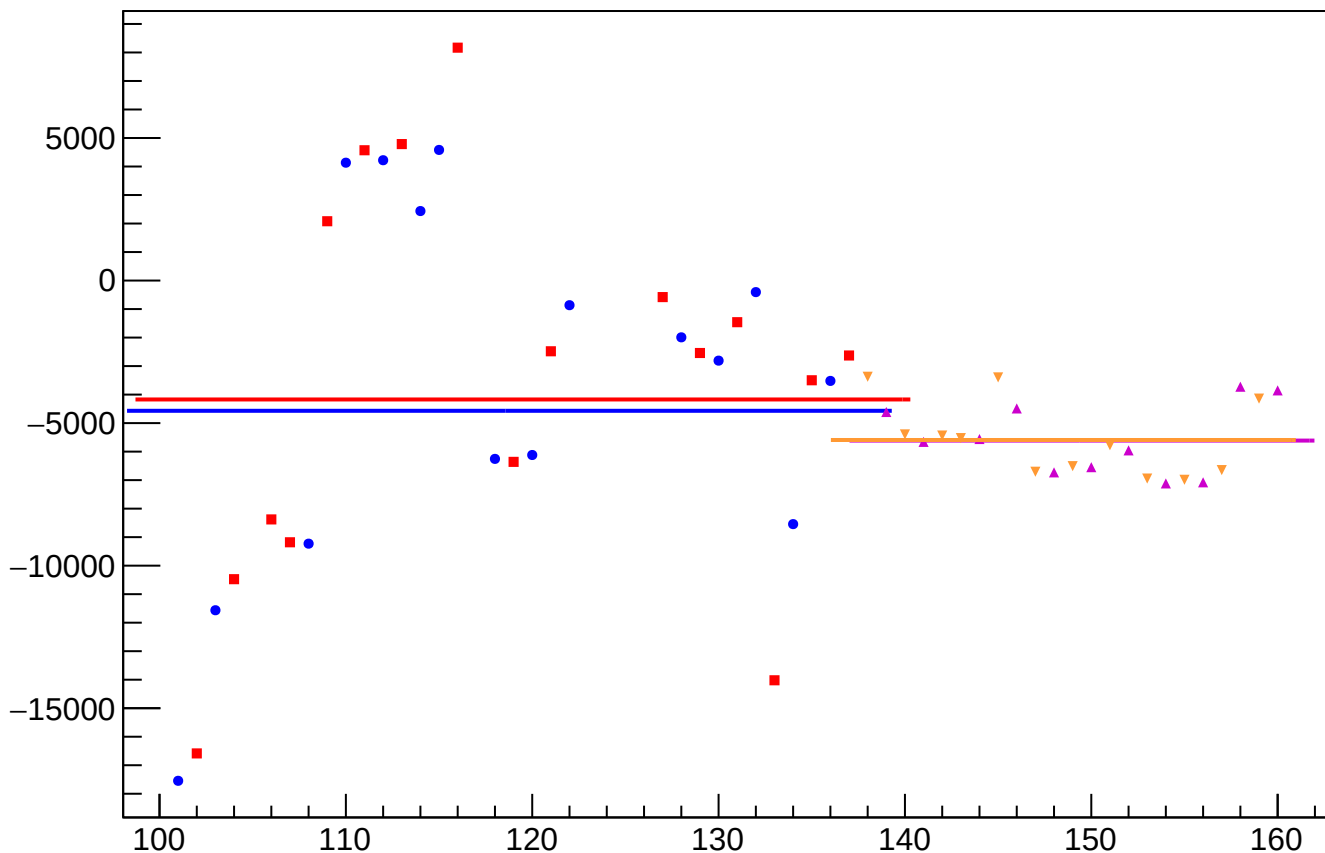
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

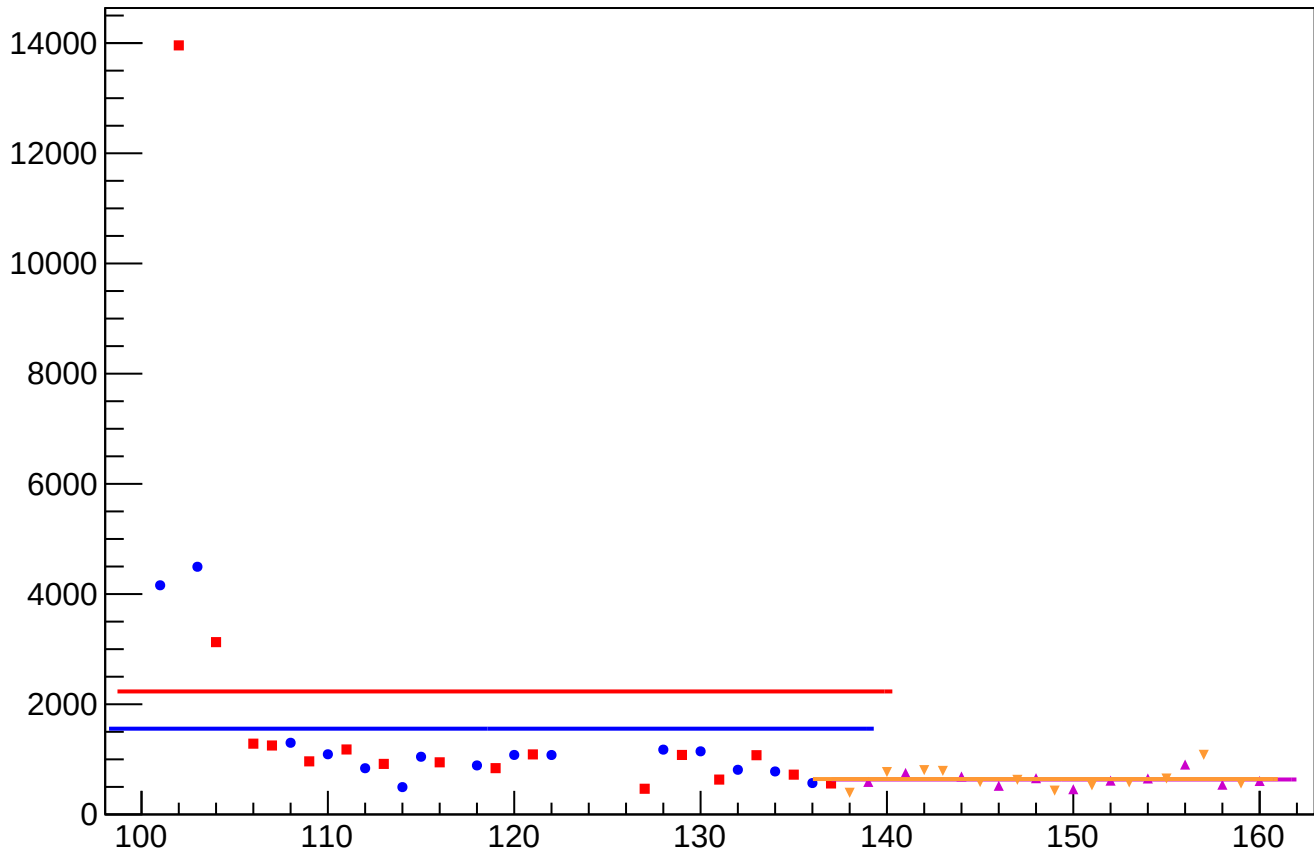
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5592.357+/-0.000	χ^2/NDF : 1502507998590915650067934753088681803776.0/11
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5613.024+/-0.000	χ^2/NDF : 1272210659936261957248133173503170969600.0/10

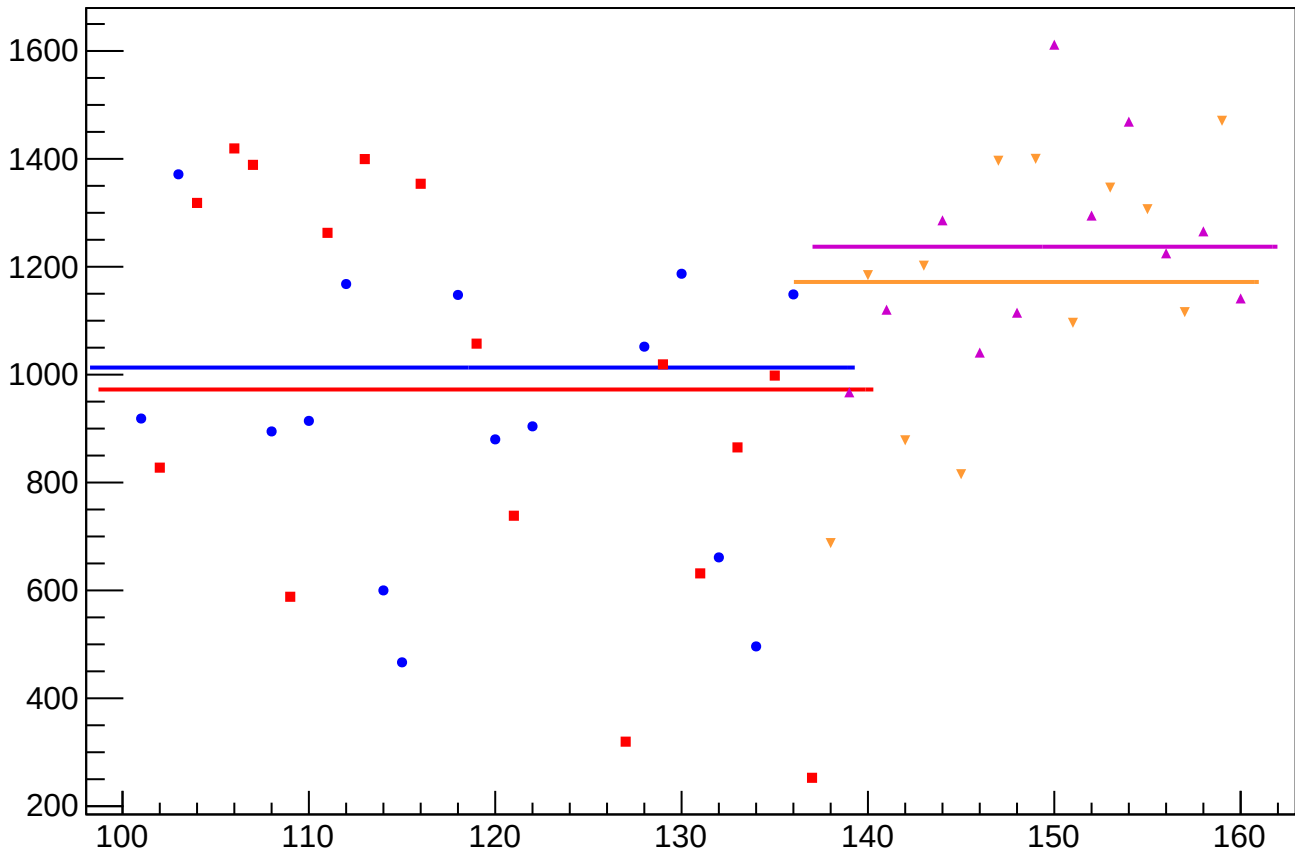
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 642.639+/-0.000 χ^2/NDF : 29931346030134316080818937490076336128.0/11
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 634.562+/-0.000 χ^2/NDF : 12308442809403031190669556314642841600.0/10
 All: 1164.597+/-0.000 χ^2/NDF : 11541094593
 + sign 1022.208+/-0.000 χ^2/NDF : 14864291079277
 - sign 1304.479+/-0.000 χ^2/NDF : 99918451960380

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

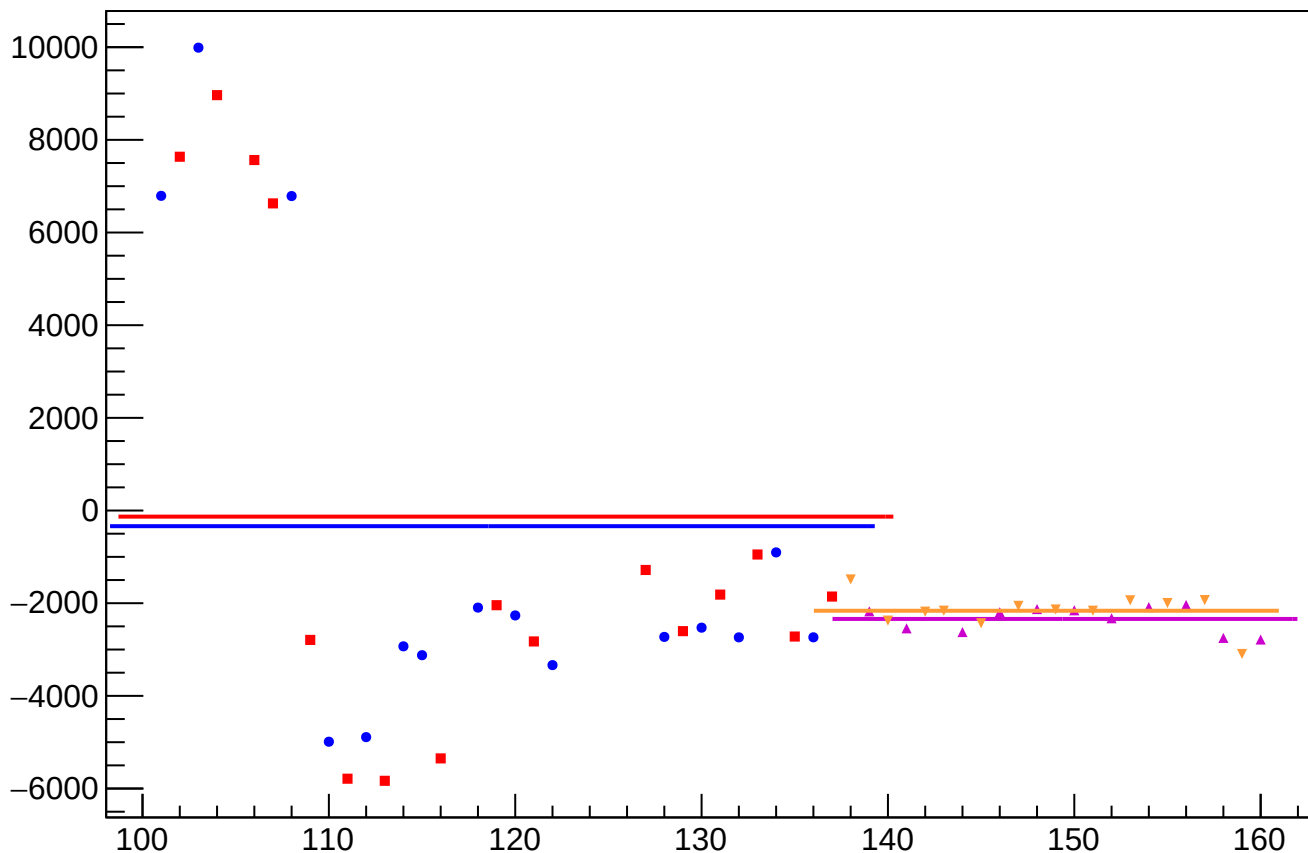
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam1_coil6_mean vs Slug



Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$

Left Out: -2162.857 ± 0.000 $\chi^2/\text{NDF}: 126332275232930257638482620391759020032.0/11$

Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$

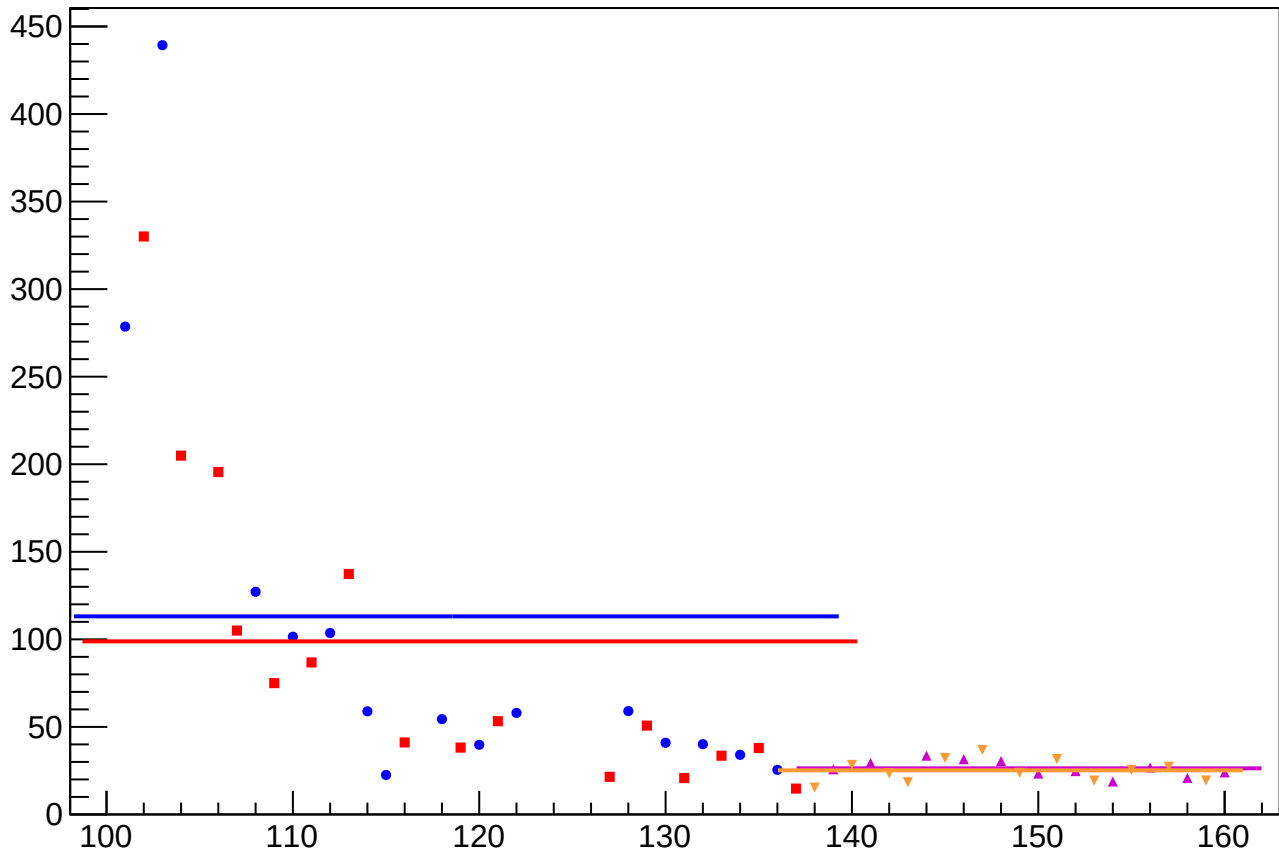
Left In: -2339.639 ± 0.000 $\chi^2/\text{NDF}: 62860144247456957543810906284181422080.0/10$

+ sign -1405.071 ± 0.000 $\chi^2/\text{NDF}: 1654286779746$

All: -1409.541 ± 0.000 $\chi^2/\text{NDF}: 3496770485$

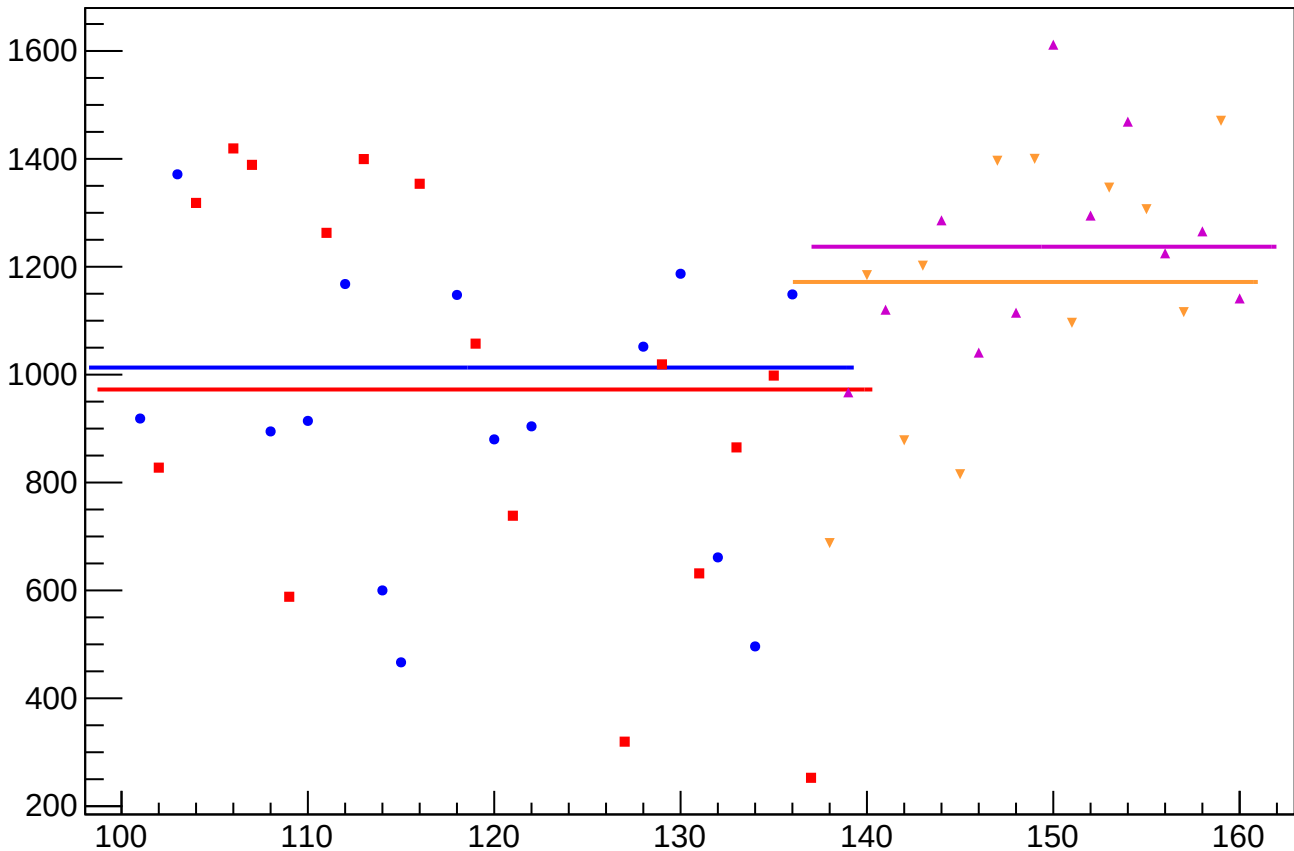
- sign -1413.933 ± 0.000 $\chi^2/\text{NDF}: 18424775138160$

dit_sam1_coil6_err_mean vs Slug



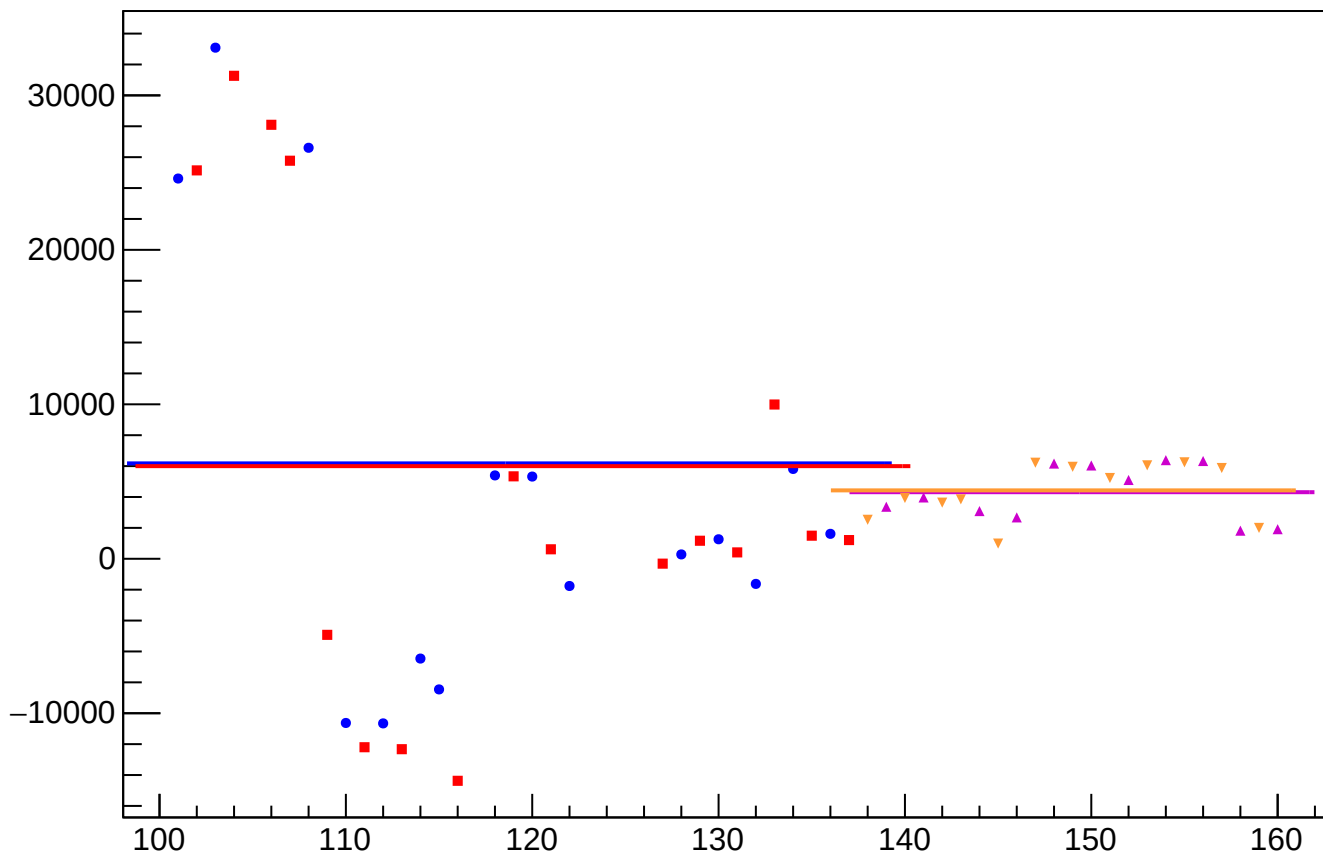
Right In: 113.134 $\pm$ 0.000 χ^2 /NDF: 9989638354332004017458192433874468864.0/14
 Left Out: 25.204 $\pm$ 0.000 χ^2 /NDF: 35340998729966912863138320392126464.0/11
 Right Out: 98.833 $\pm$ 0.000 χ^2 /NDF: 5510365308590426333953610701260980224.0/15
 Left In: 26.331 $\pm$ 0.000 χ^2 /NDF: 18142873408814573481950758043648000.0/10
 All: 59.198 $\pm$ 0.000 χ^2 /NDF: 2054365518369
 + sign 61.715 $\pm$ 0.000 χ^2 /NDF: 1295926094815427
 - sign 56.726 $\pm$ 0.000 χ^2 /NDF: 7564771732797838

dit_sam1_coil6_Ndata_mean vs Slug



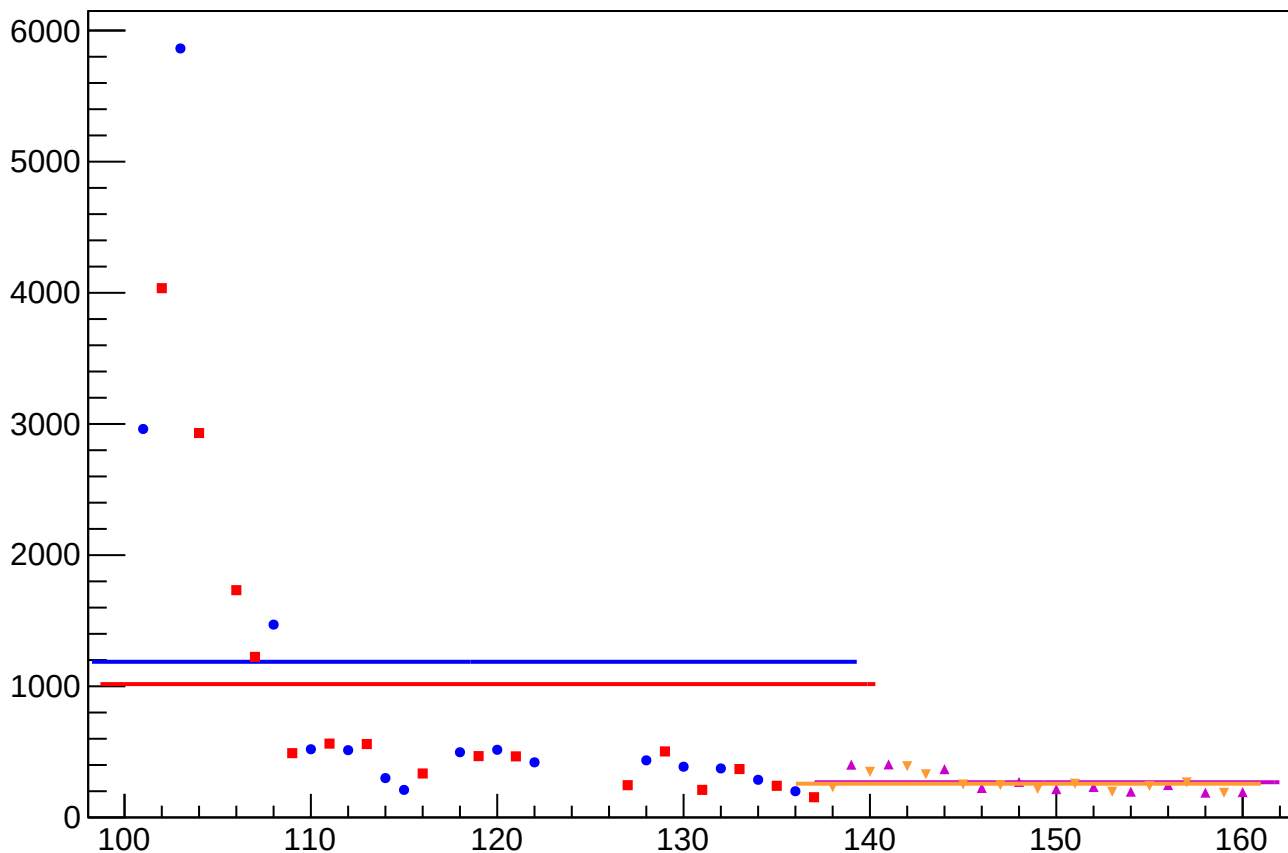
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam2_coil6_mean vs Slug



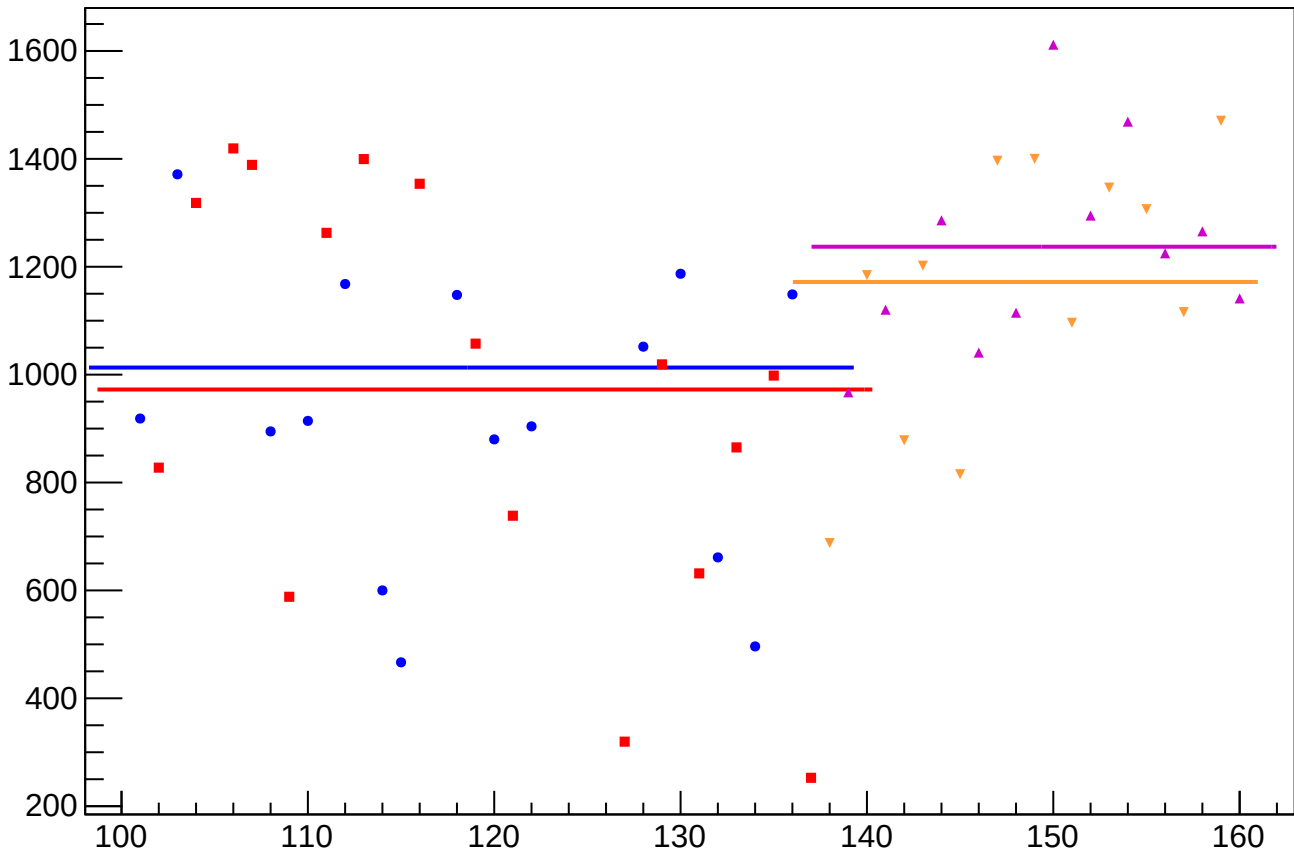
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4428.101+/-0.000 χ^2/NDF : 2900138976874387724183278190835470958592.0/11
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4310.541+/-0.000 χ^2/NDF : 2687248811790643780000086030830396243968.0/10
 All: 5084.951+/-0.000 χ^2/NDF : 26218080052.0/14
 + sign 5153.665+/-0.000 χ^2/NDF : 12131982747999.0/14
 - sign 5017.446+/-0.000 χ^2/NDF : 14084634301440.0/14

dit_sam2_coil6_err_mean vs Slug



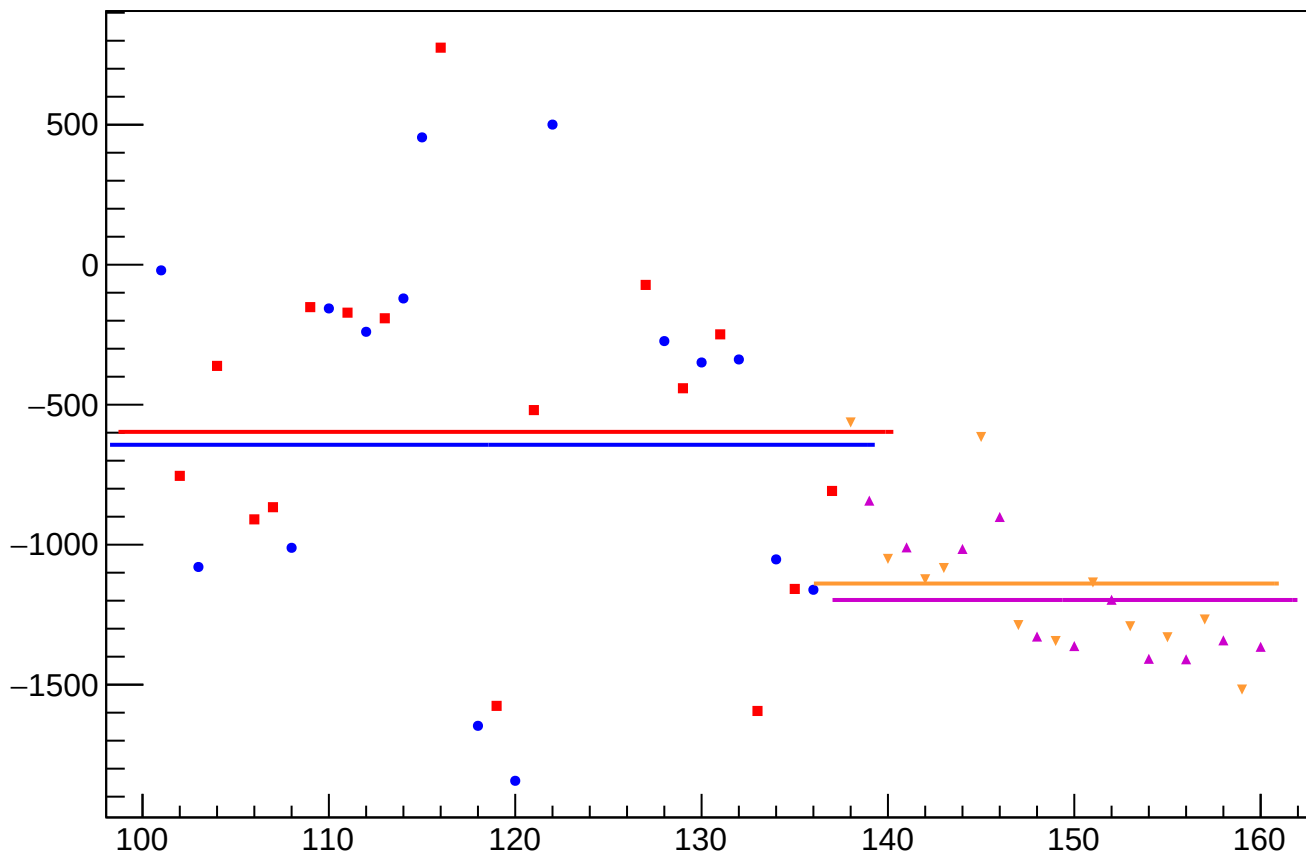
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 All: 612.442 $\pm$ 0.000 χ^2 /NDF: 328051716192
 + sign 643.246 $\pm$ 0.000 χ^2 /NDF: 212720083388662
 - sign 582.179 $\pm$ 0.000 χ^2 /NDF: 115037612749111

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1138.759+/-0.000 χ^2/NDF : 71006185953424254270590791718170263552.0/11

Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

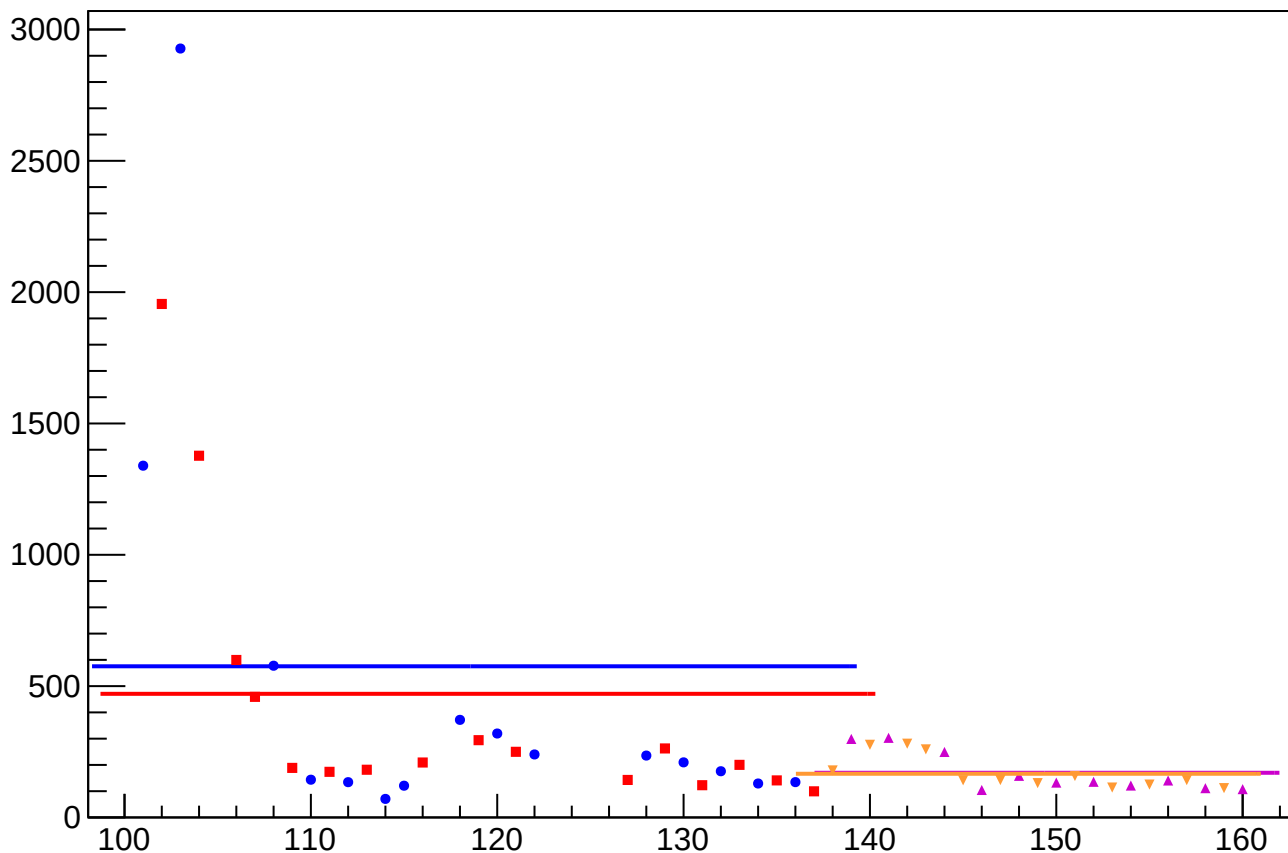
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ sign -932.996+/-0.000 χ^2/NDF : 43692805722802

All: -939.440+/-0.000 χ^2/NDF : 82608252499

- sign -945.770+/-0.000 χ^2/NDF : 389025821558760

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

+ sign 336.257+/-0.000 χ^2/NDF : 499270475269907

Left Out: 166.360+/-0.000 χ^2/NDF : 3052716209295405049807129095543193600.0/11

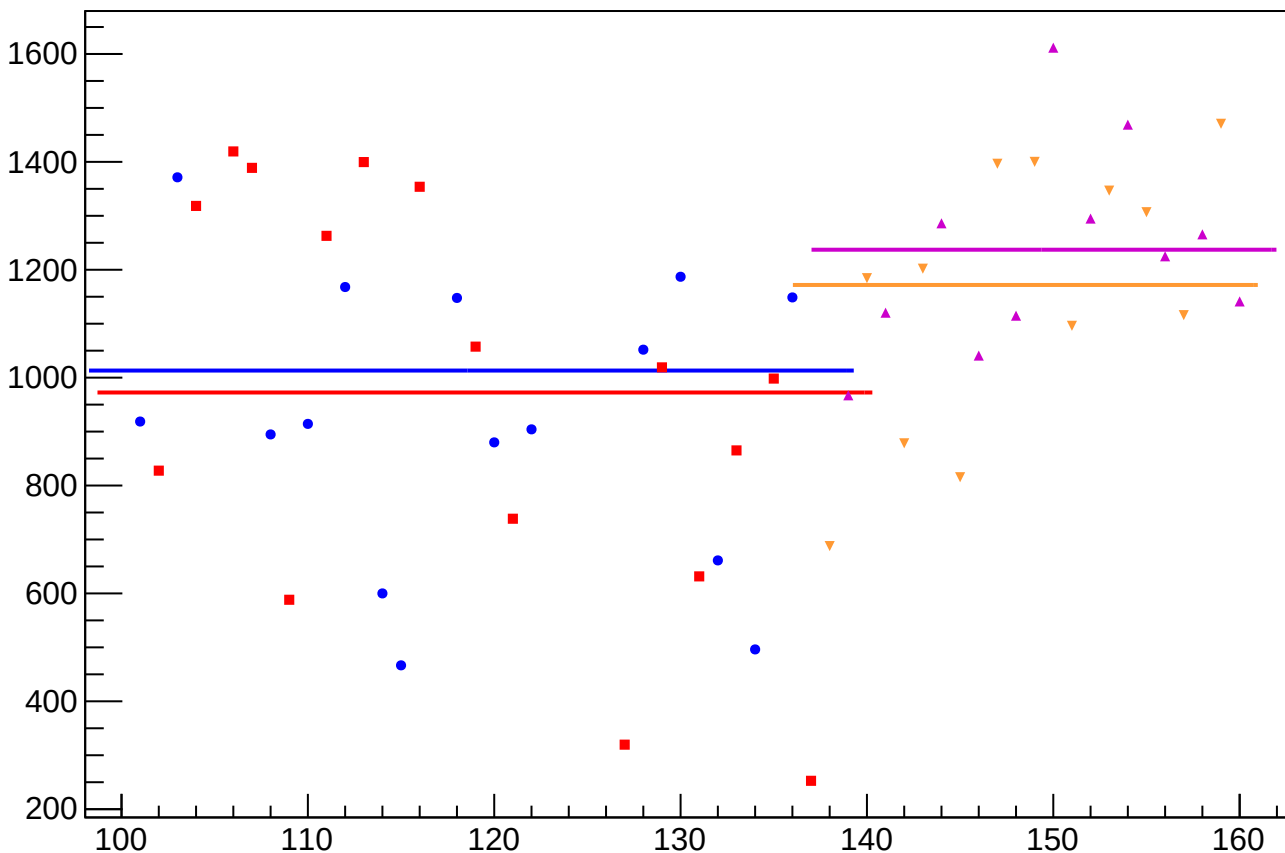
All: 316.009+/-0.000 χ^2/NDF : 749713374727

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

- sign 296.118+/-0.000 χ^2/NDF : 249172631287531

Left In: 170.082+/-0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

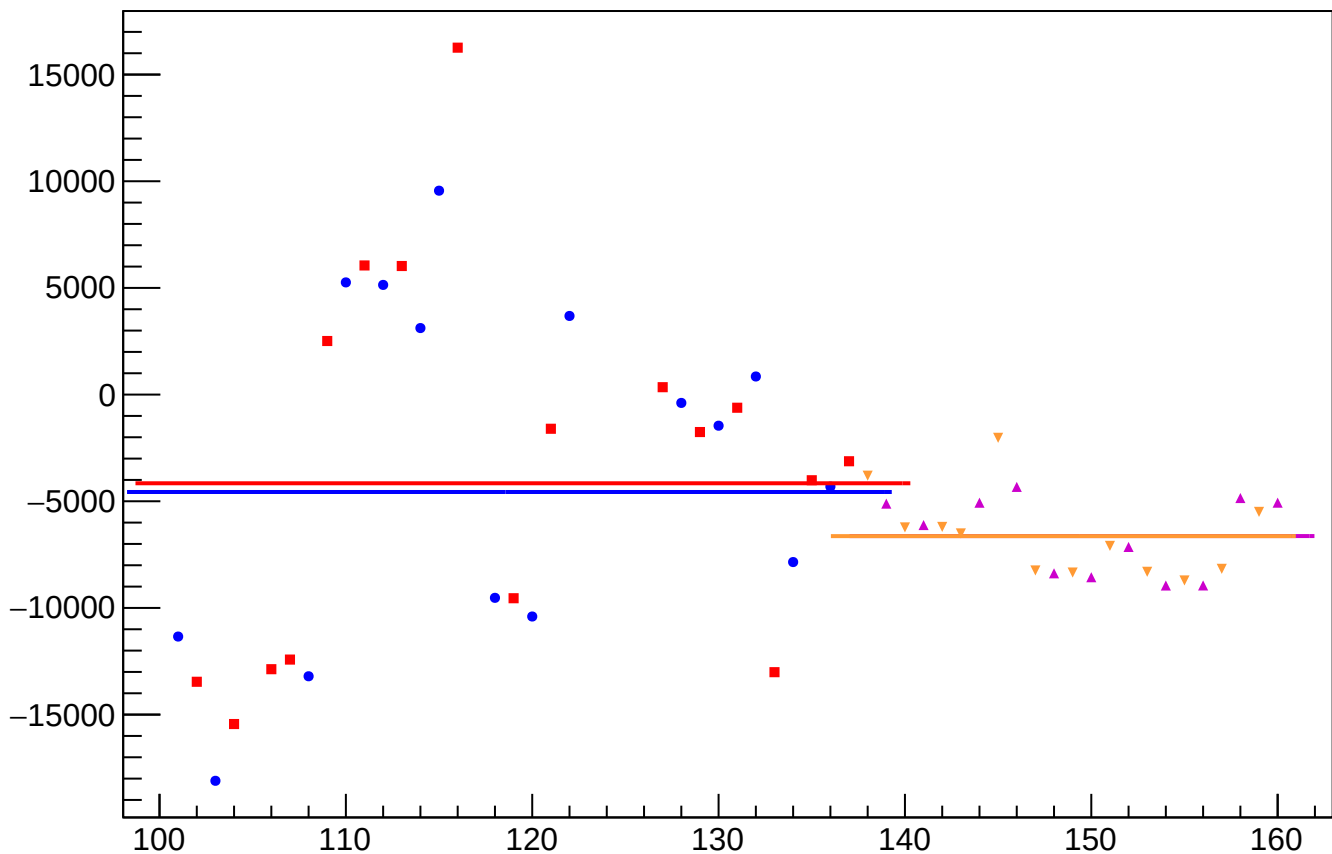
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

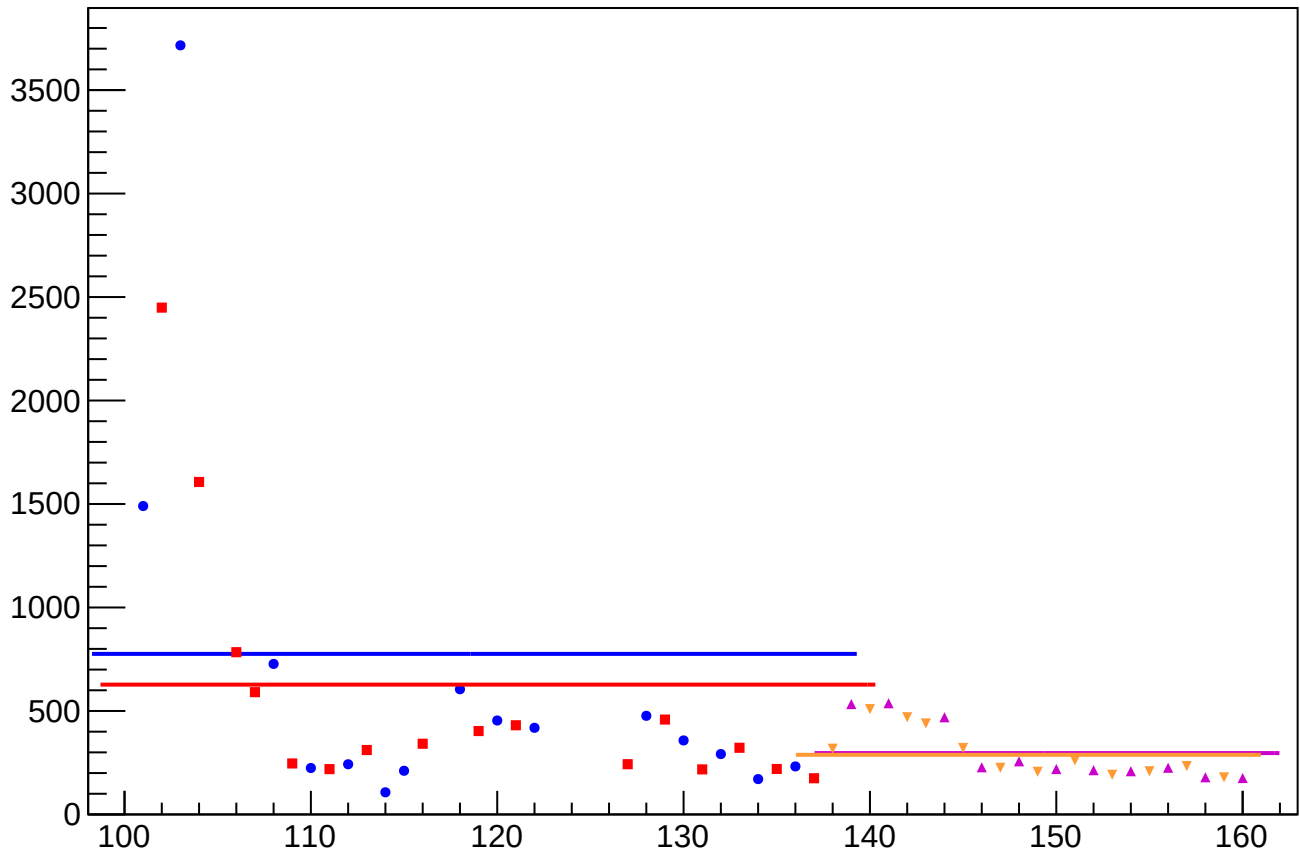
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam4_coil6_mean vs Slug



Right In: -4565.412 ± 0.000 χ^2/NDF : 35667768247432289984899042725155487875072.0/14
 Left Out: -6634.457 ± 0.000 χ^2/NDF : 3640150880403299784339543756995645407232.0/11
 Right Out: -4156.859 ± 0.000 χ^2/NDF : 45539455441659927157708443099930682195968.0/15
 Left In: -6631.377 ± 0.000 χ^2/NDF : 2831140540306304869921468245145345327104.0/10
 All: -5683.850 ± 0.000 χ^2/NDF : 9170111031
 + sign -5775.333 ± 0.000 χ^2/NDF : 4093261338391
 - sign -5593.977 ± 0.000 χ^2/NDF : 50742565096238

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 288.226+/-0.000 χ^2/NDF : 10607349218435095296400376728725225472.0/11

Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

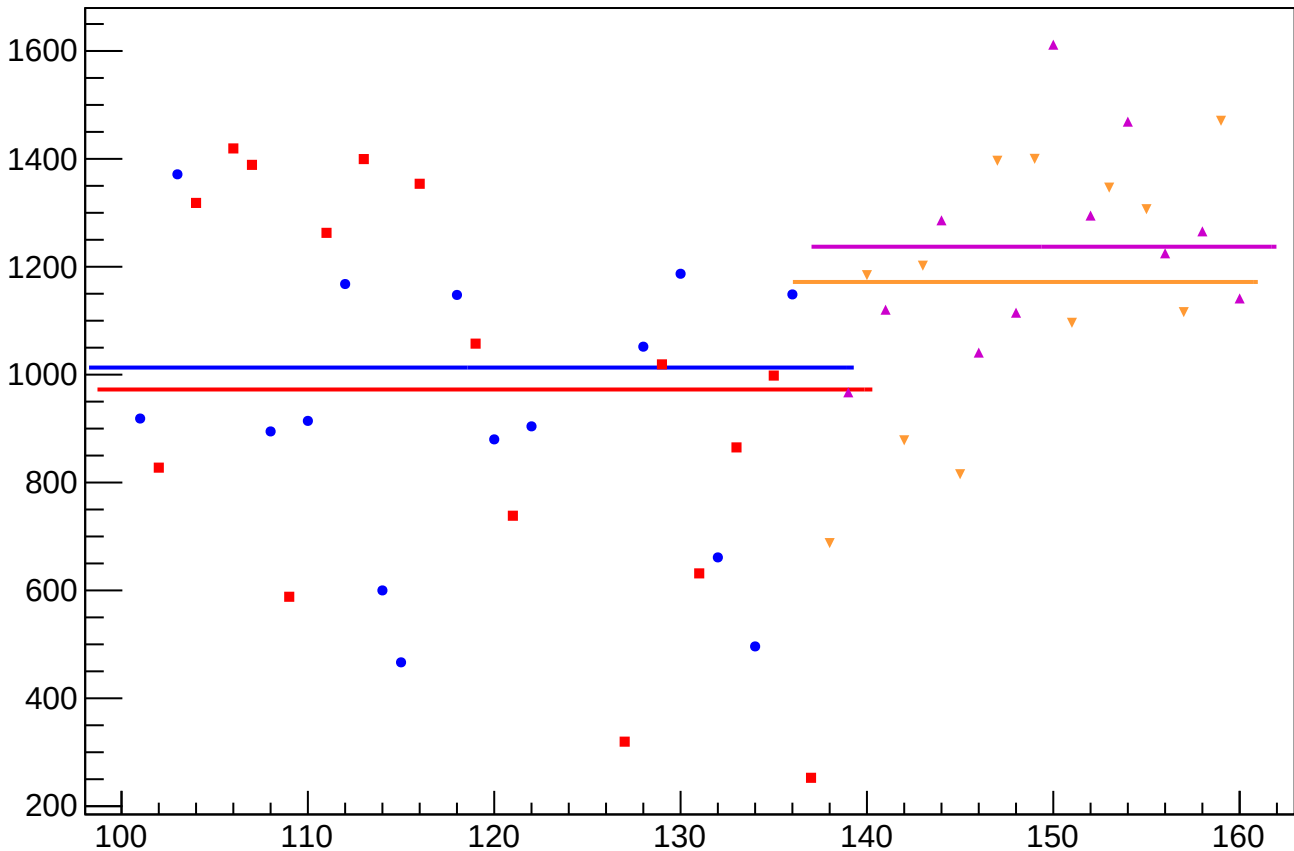
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 11020925146

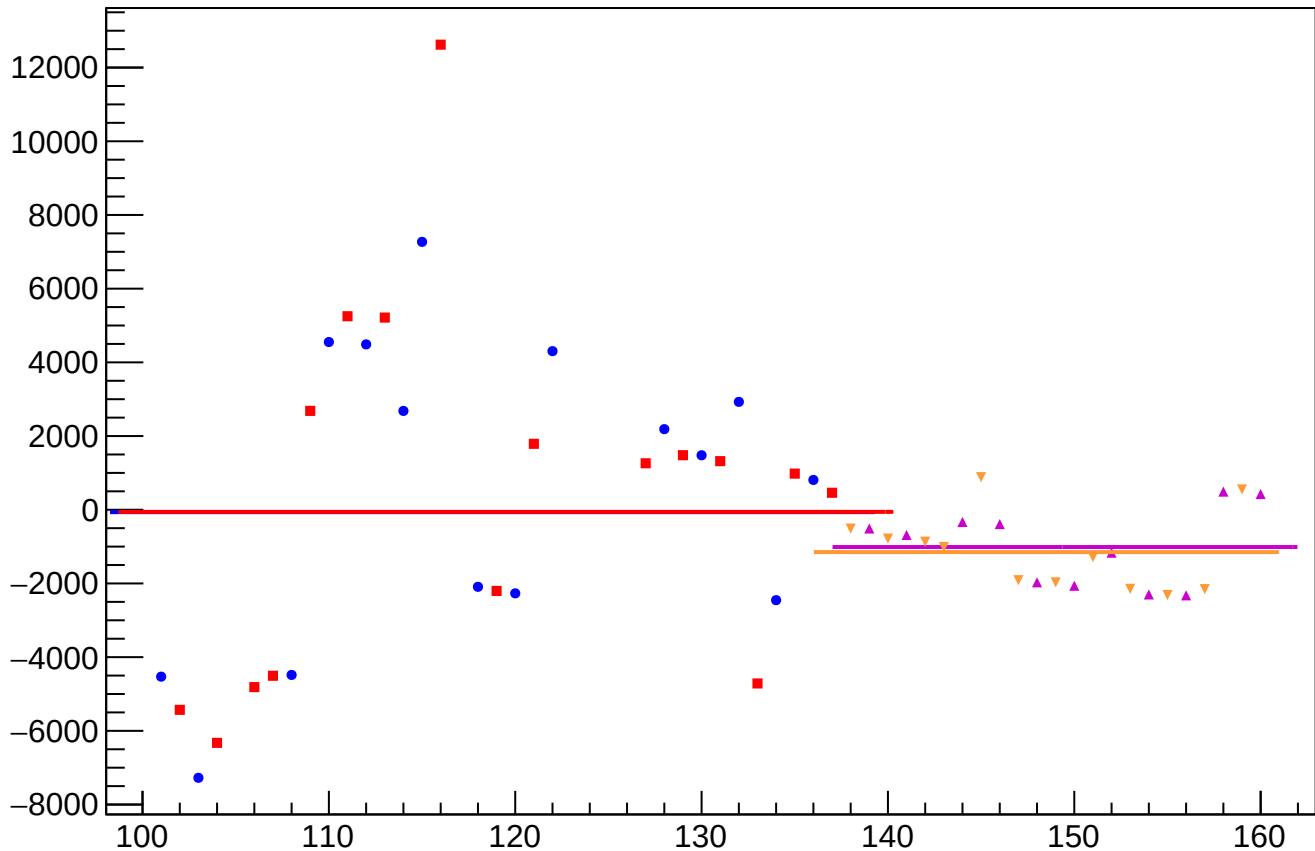
- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



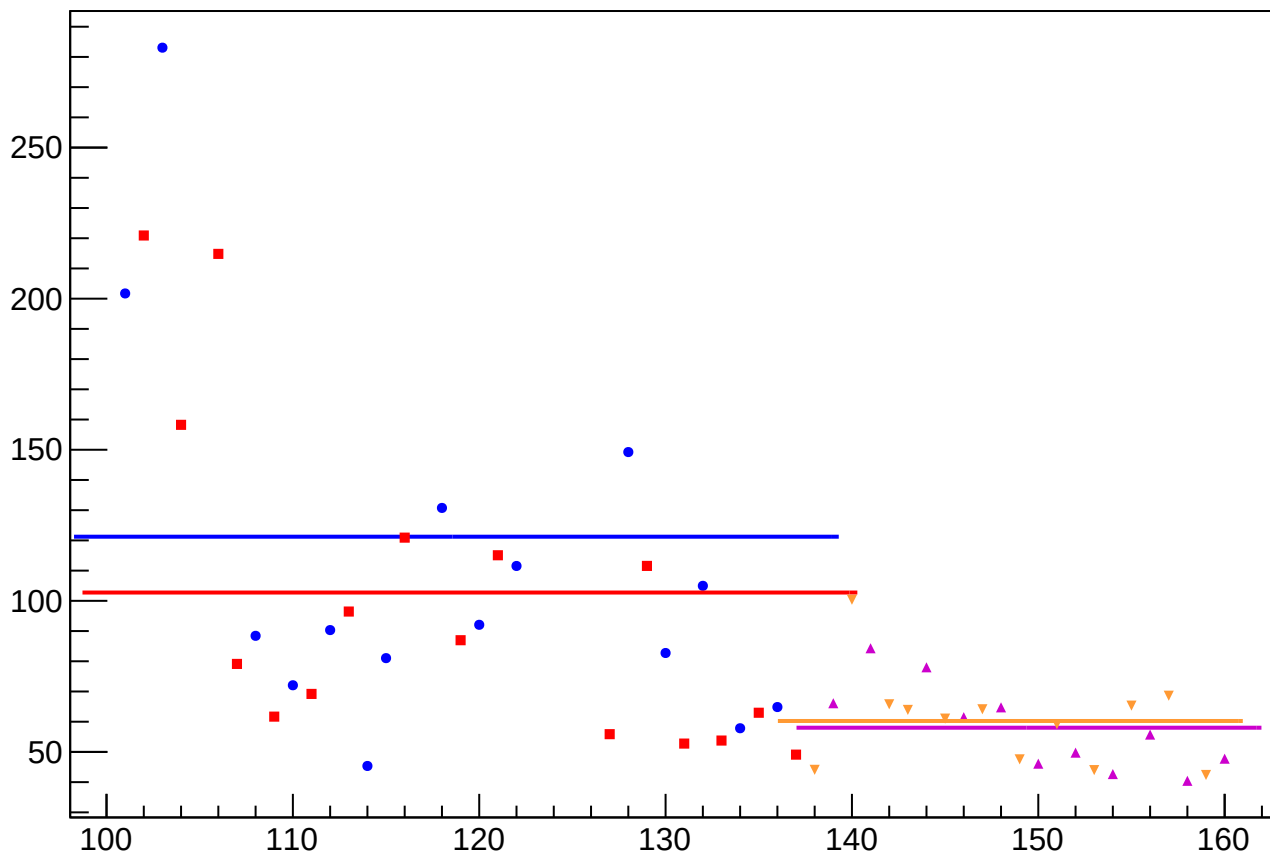
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam5_coil6_mean vs Slug



Right In: -64.751 ± 0.000 $\chi^2/\text{NDF}: 9614223448851814191683817349989558910976.0/14$
 Left Out: -1149.036 ± 0.000 $\chi^2/\text{NDF}: 977384281251527862797157265716912586752.0/11$
 Right Out: -57.229 ± 0.000 $\chi^2/\text{NDF}: 13780958977008702301942505454387177979904.0/15$
 Left In: -1011.284 ± 0.000 $\chi^2/\text{NDF}: 903909408421874171739001543159795679232.0/10$

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

Left Out: 60.239+/-0.000 χ^2/NDF : 225102554491032869548797845500329984.0/11

Right Out: 102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15

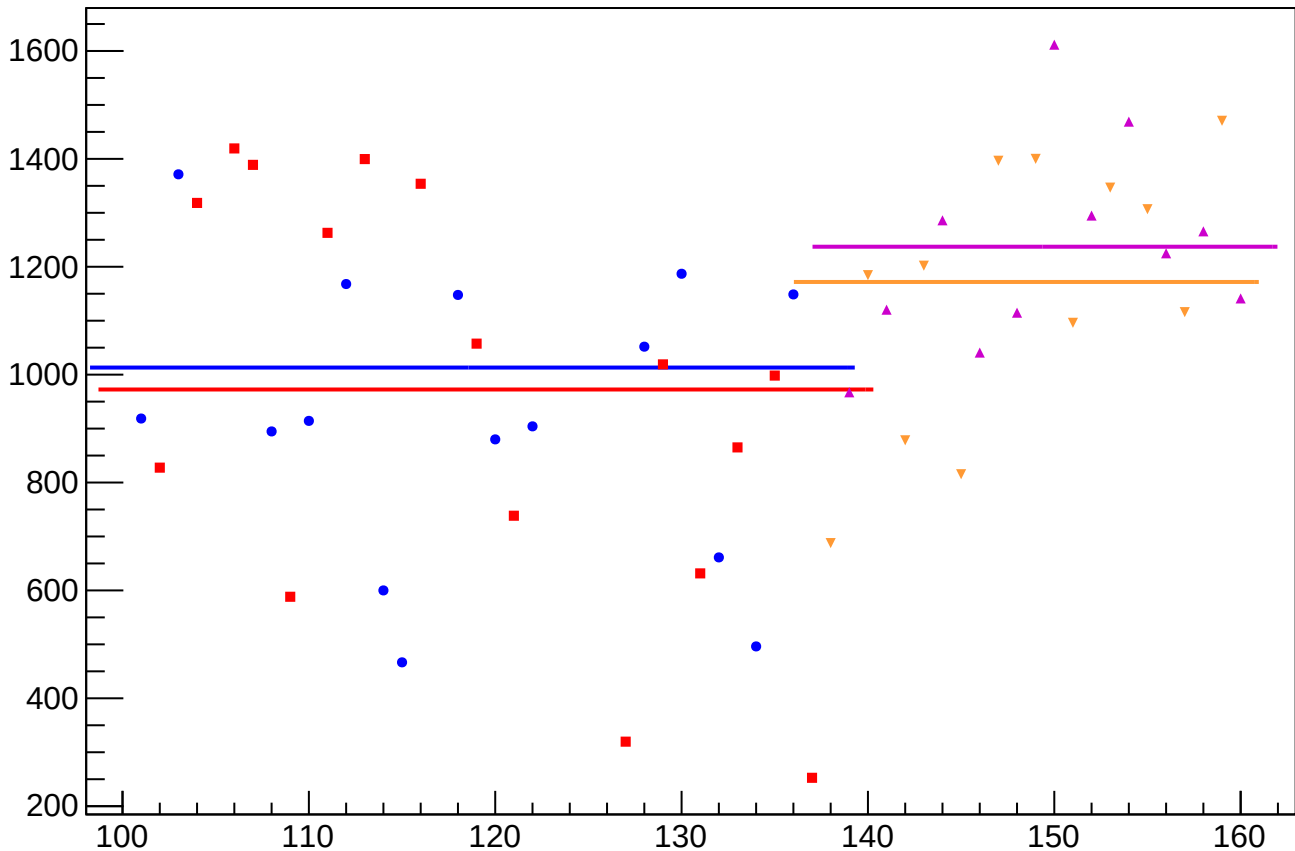
Left In: 58.011+/-0.000 χ^2/NDF : 177427701786540438757655027214450688.0/10

+ sign 85.563+/-0.000 χ^2/NDF : 4359921672162242

All: 81.126+/-0.000 χ^2/NDF : 7341366605629

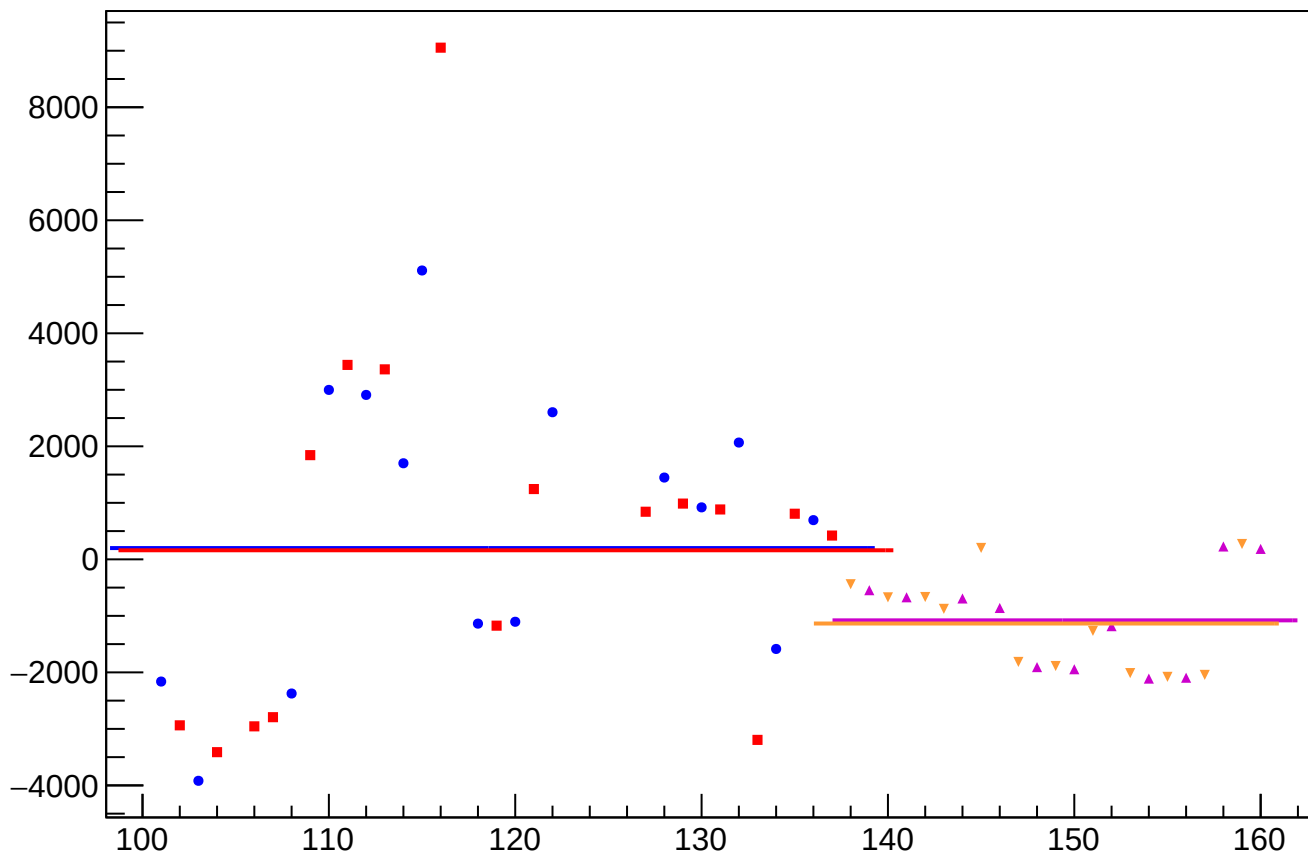
- sign 76.766+/-0.000 χ^2/NDF : 2920429745013475

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14

Left Out: -1135.455+/-0.000 χ^2/NDF : 654697592596579349133010058178925166592.0/11

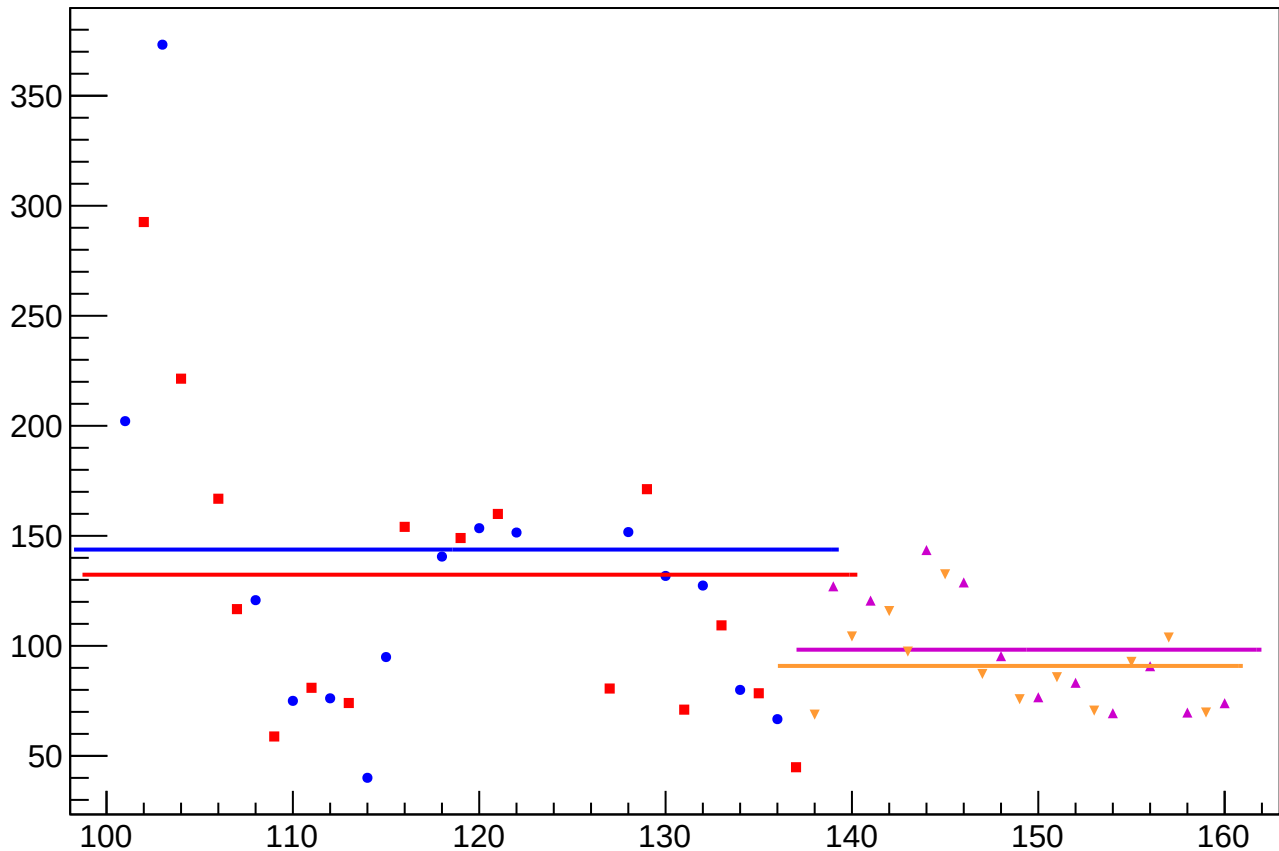
Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

All: -570.315+/-0.000 χ^2/NDF : 11490561476

- sign -559.678+/-0.000 χ^2/NDF : 689099774035240

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 ± 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

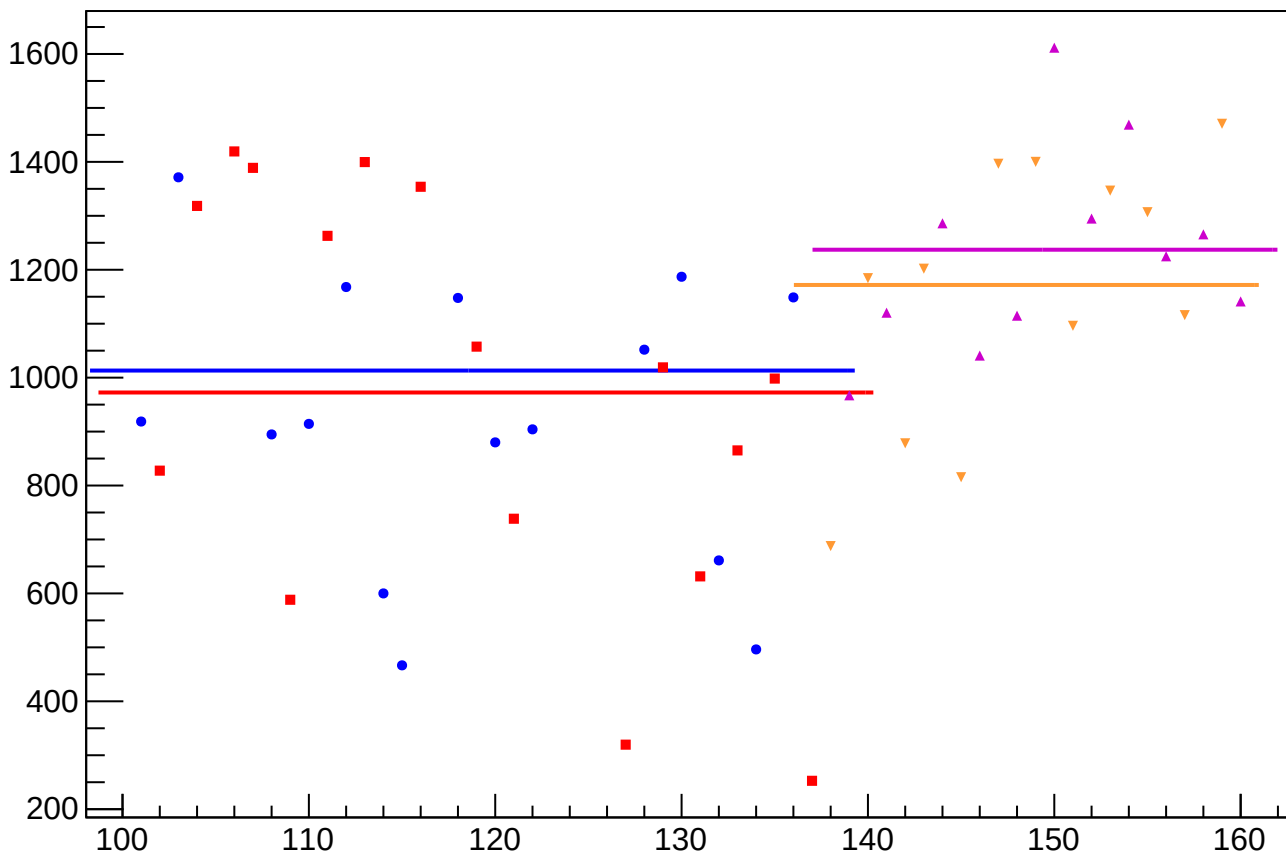
Left Out: 90.882 ± 0.000 χ^2/NDF : 326242734851411629220497356388040704.0/11

Right Out: 132.341 ± 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

Left In: 98.257 ± 0.000 χ^2/NDF : 6209937767730933933033369428470792192.0/10

All: 112.691 ± 0.000 χ^2/NDF : 101475107783.0/11

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

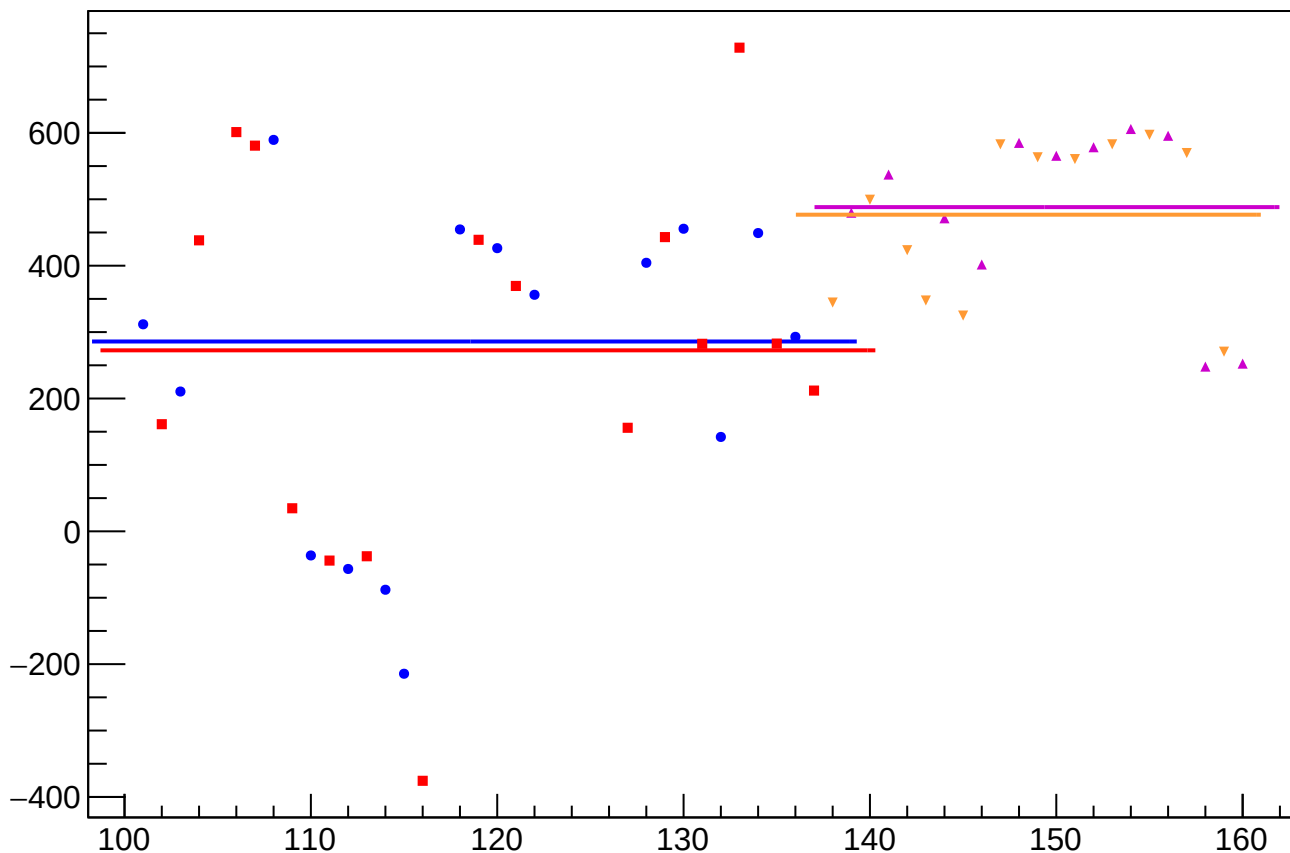
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 476.795+/-0.000 χ^2/NDF : 12695994824288000465906190934597435392.0/11

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

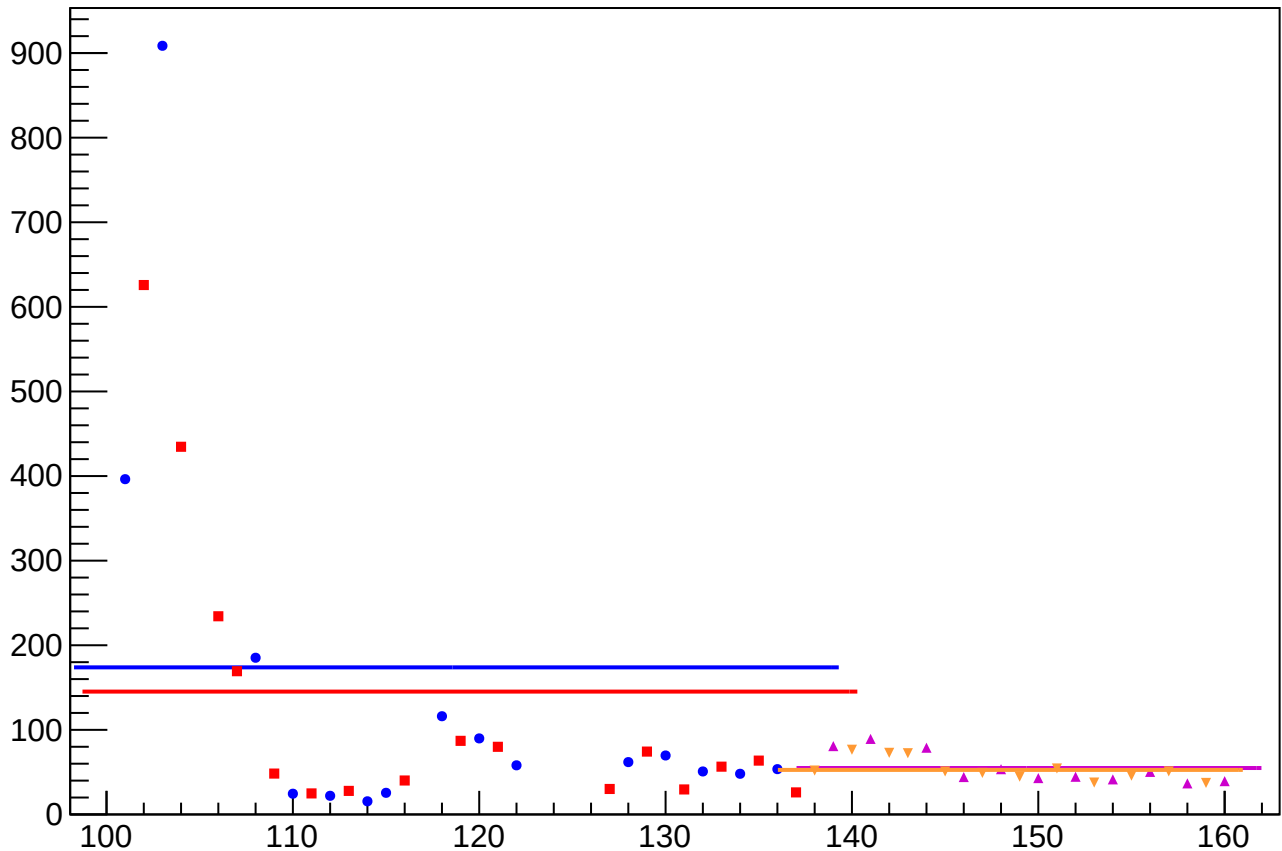
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ sign 397.512+/-0.000 χ^2/NDF : 506405806110630

All: 397.652+/-0.000 χ^2/NDF : 126636598673

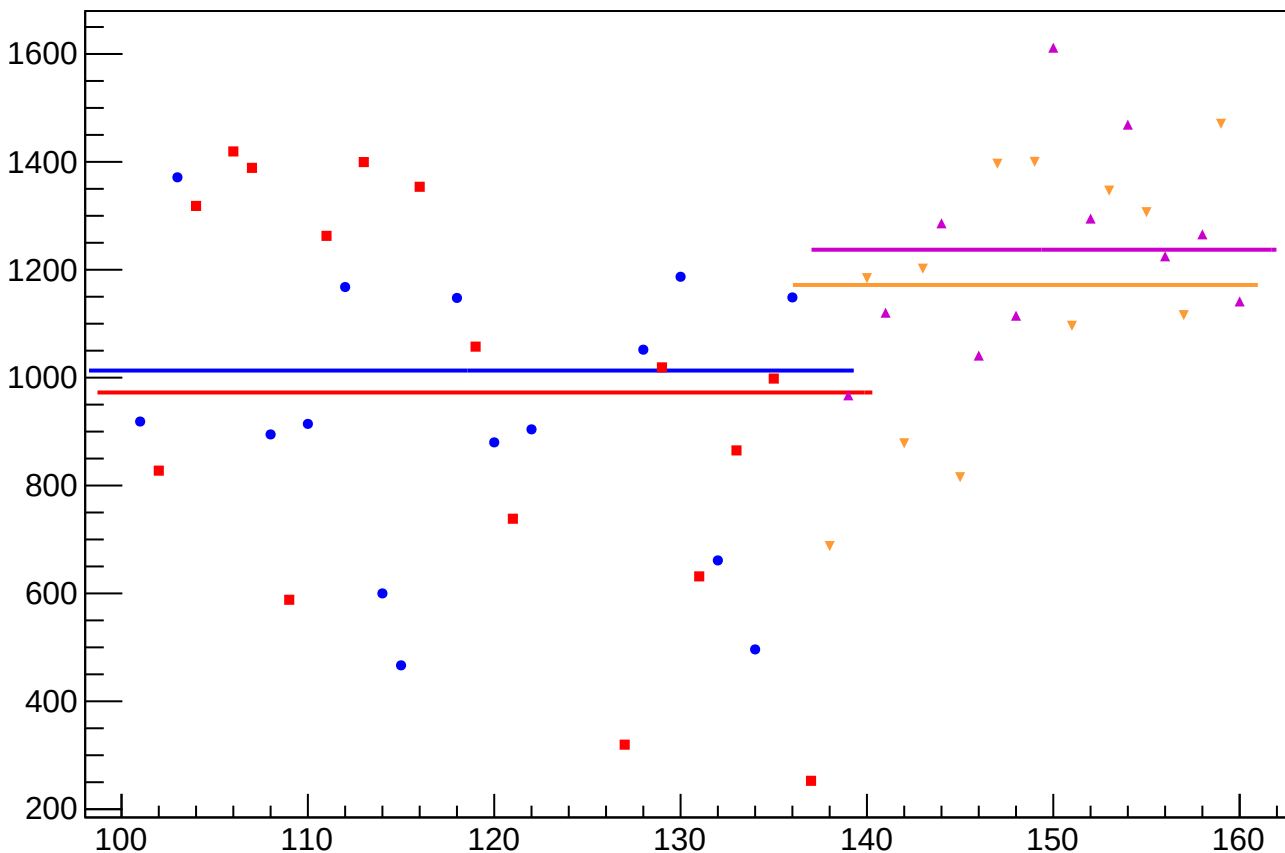
- sign 397.790+/-0.000 χ^2/NDF : 759959573910775

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Left Out: 52.656+/-0.000 χ^2/NDF : 140159423385887976692066167541465088.0/11
 Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Left In: 54.891+/-0.000 χ^2/NDF : 300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

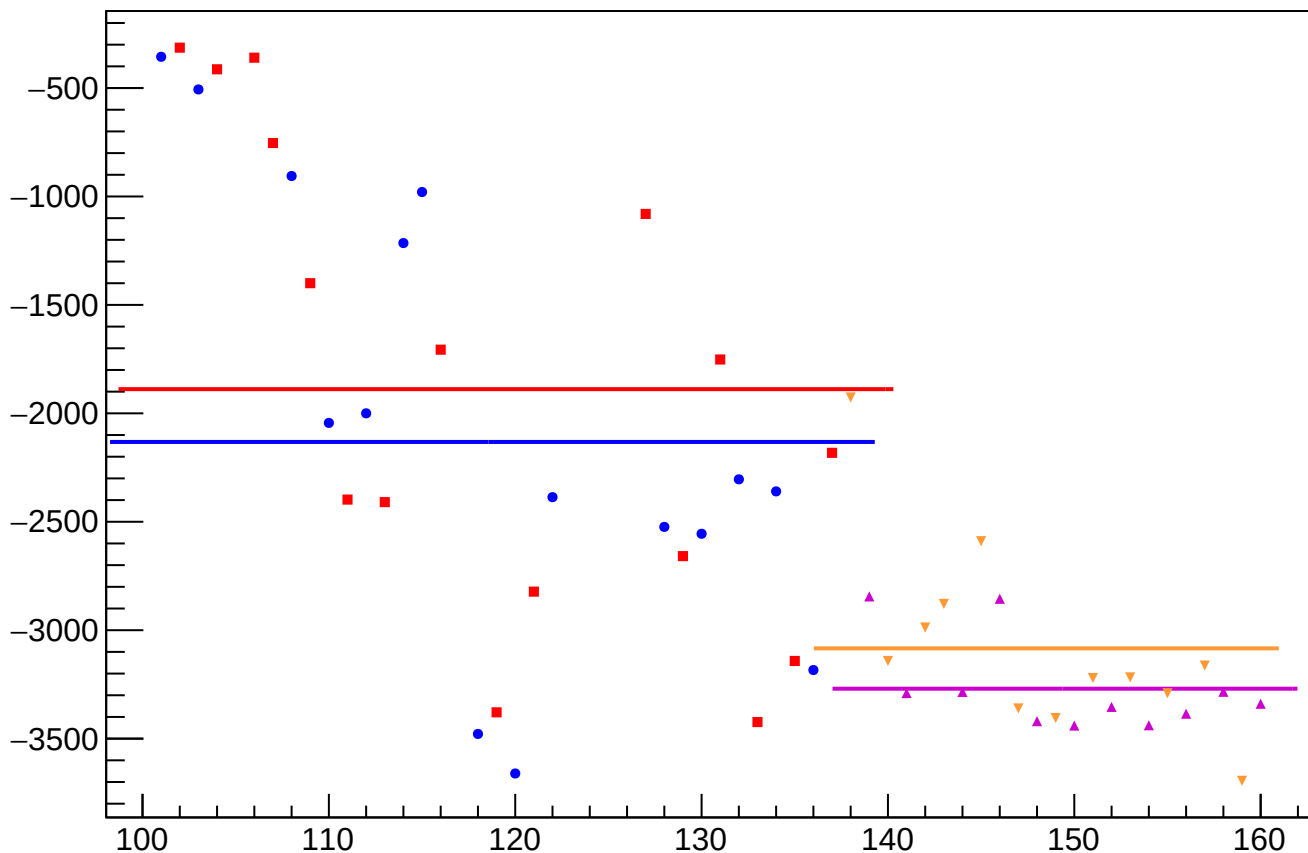
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

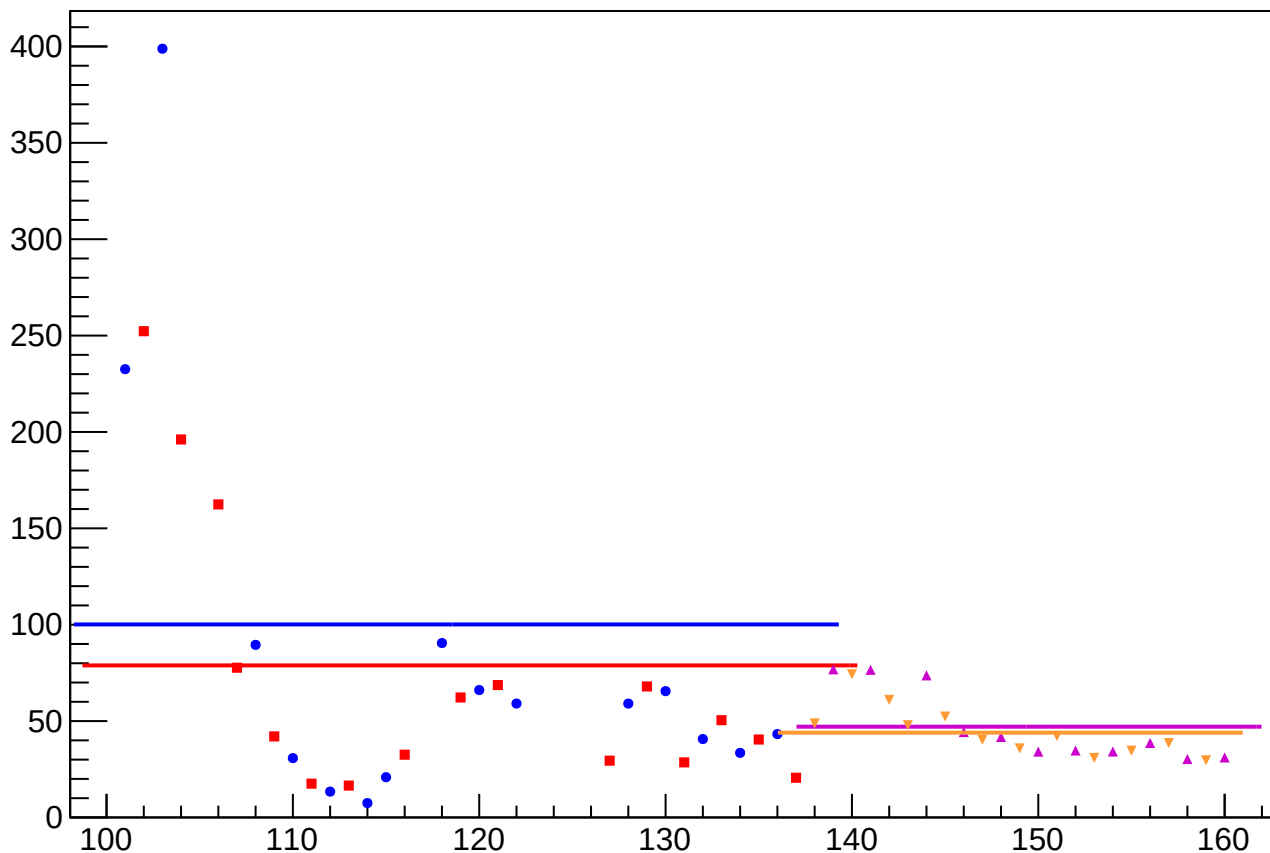
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam8_coil6_mean vs Slug



Right In: -2131.905 ± 0.000 $\chi^2/\text{NDF}: 722433384570495071131450661983670501376.0/14$
 Left Out: -3083.729 ± 0.000 $\chi^2/\text{NDF}: 178322677856663824149309206068860026880.0/11$
 Right Out: -1888.448 ± 0.000 $\chi^2/\text{NDF}: 791986665551980691032719862611769819136.0/15$
 Left In: -3269.755 ± 0.000 $\chi^2/\text{NDF}: 38098096180391062431092176239781216256.0/10$

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135 ± 0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 43.994 ± 0.000 χ^2/NDF : 144038877087981194806470678002270208.0/11

Right Out: 78.881 ± 0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

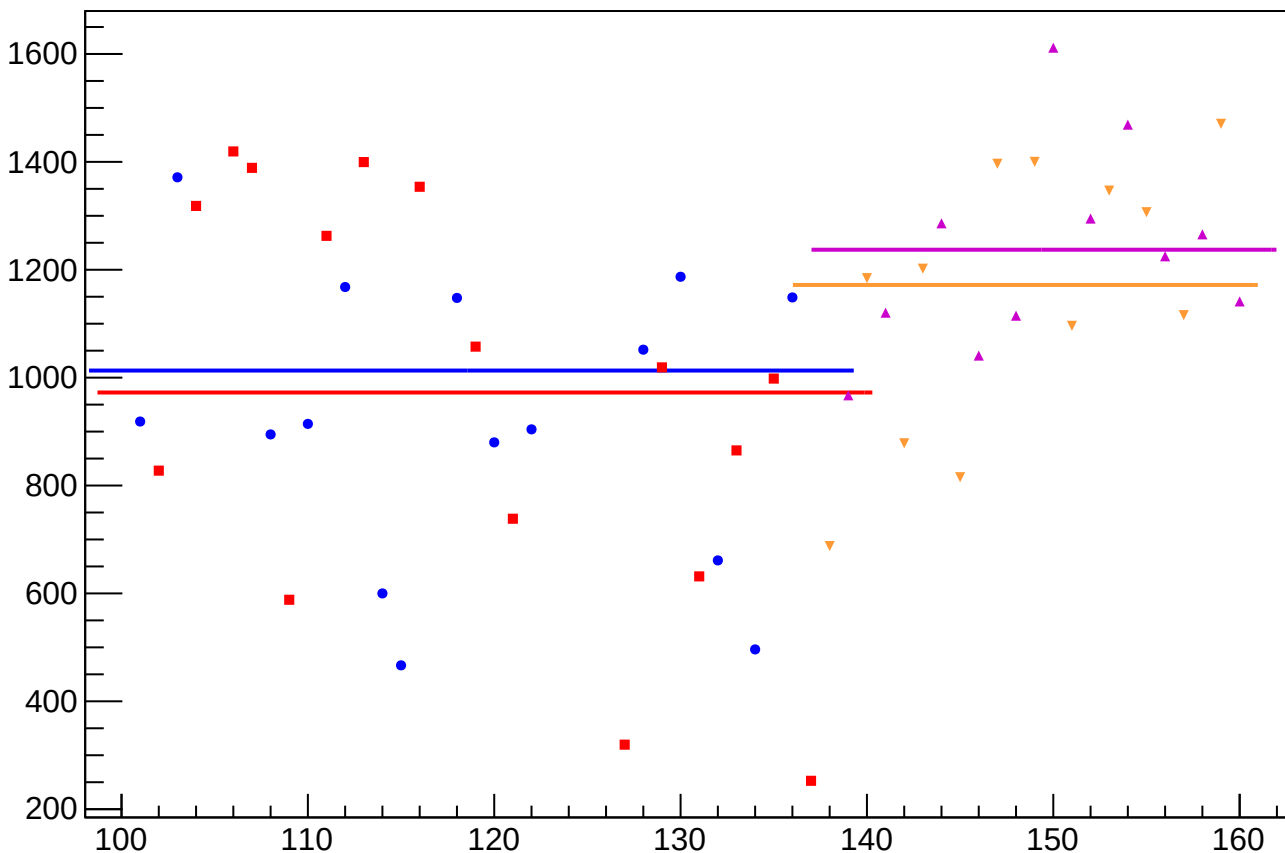
Left In: 47.092 ± 0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ sign 67.306 ± 0.000 χ^2/NDF : 9154119203552440

All: 63.832 ± 0.000 χ^2/NDF : 1341063315555

- sign 60.419 ± 0.000 χ^2/NDF : 4219125097072467

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

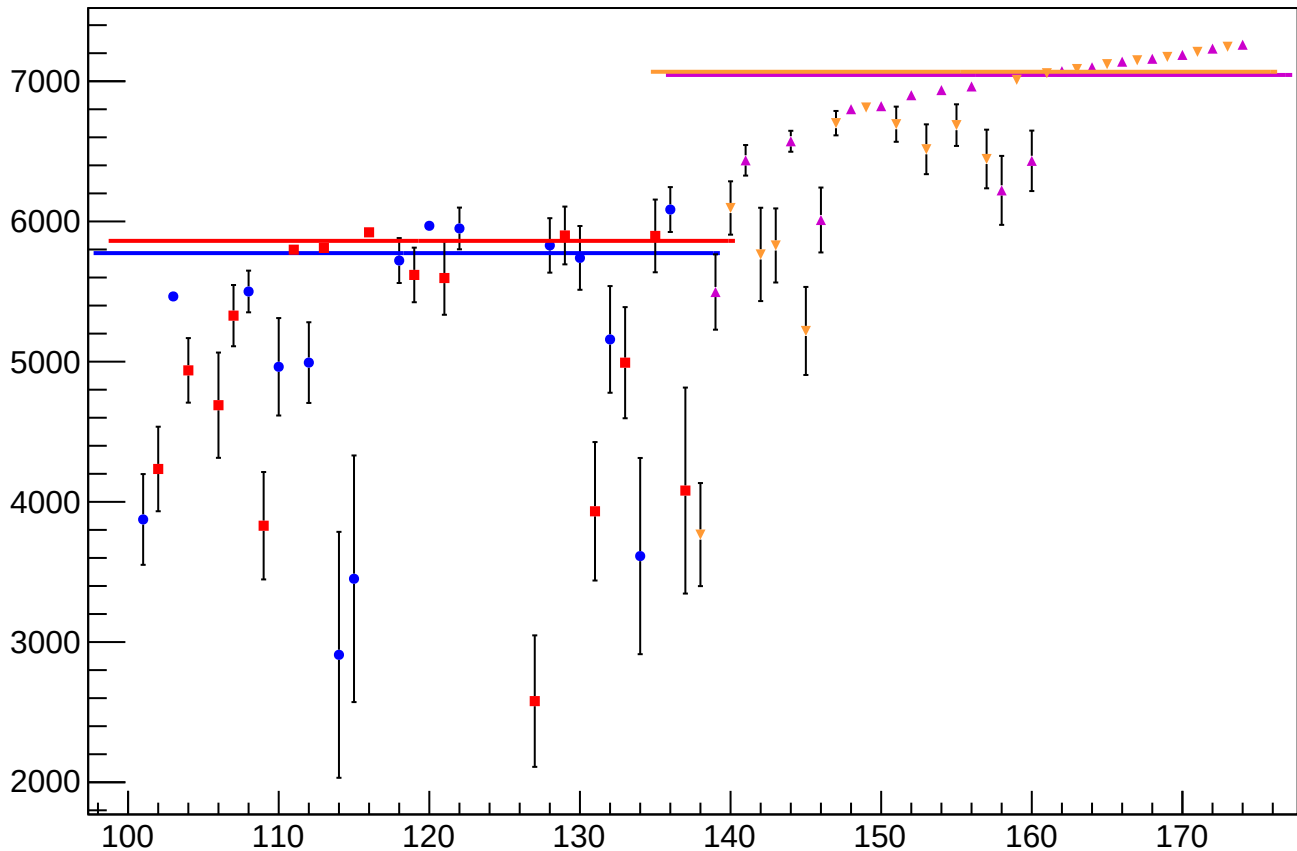
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7067.553 $\pm$ 0.143 χ^2 /NDF: 1071782.9/18

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

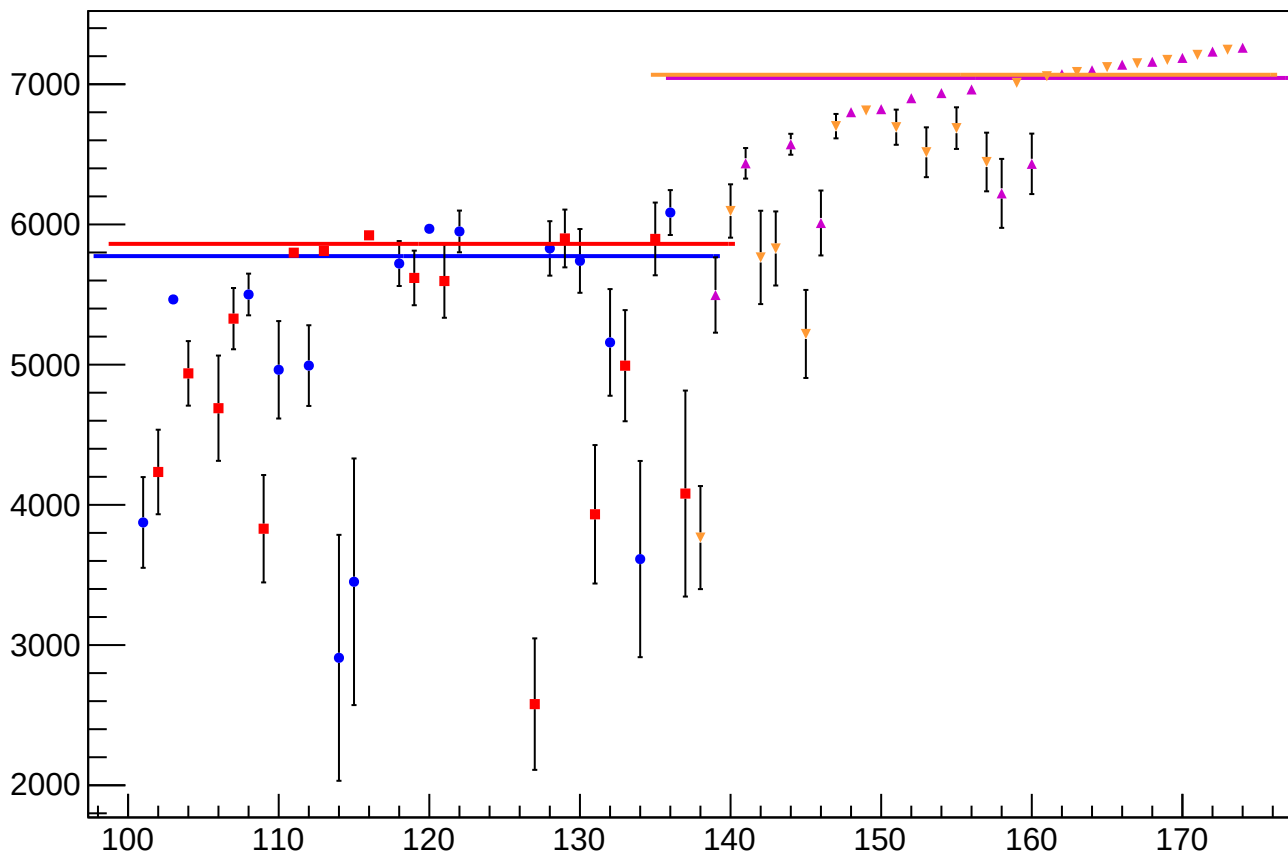
Left In: 7044.825 $\pm$ 0.115 χ^2 /NDF: 2007521.4/17

+ sign 6571.554 $\pm$ 0.112 χ^2 /NDF: 34225970.5/33

All: 6569.637 $\pm$ 0.070 χ^2 /NDF: 79358761.6/6

- sign 6568.447 $\pm$ 0.089 χ^2 /NDF: 45132319.6/33

dit_run_rms vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7067.553 $\pm$ 0.143 χ^2 /NDF: 1071782.9/18

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

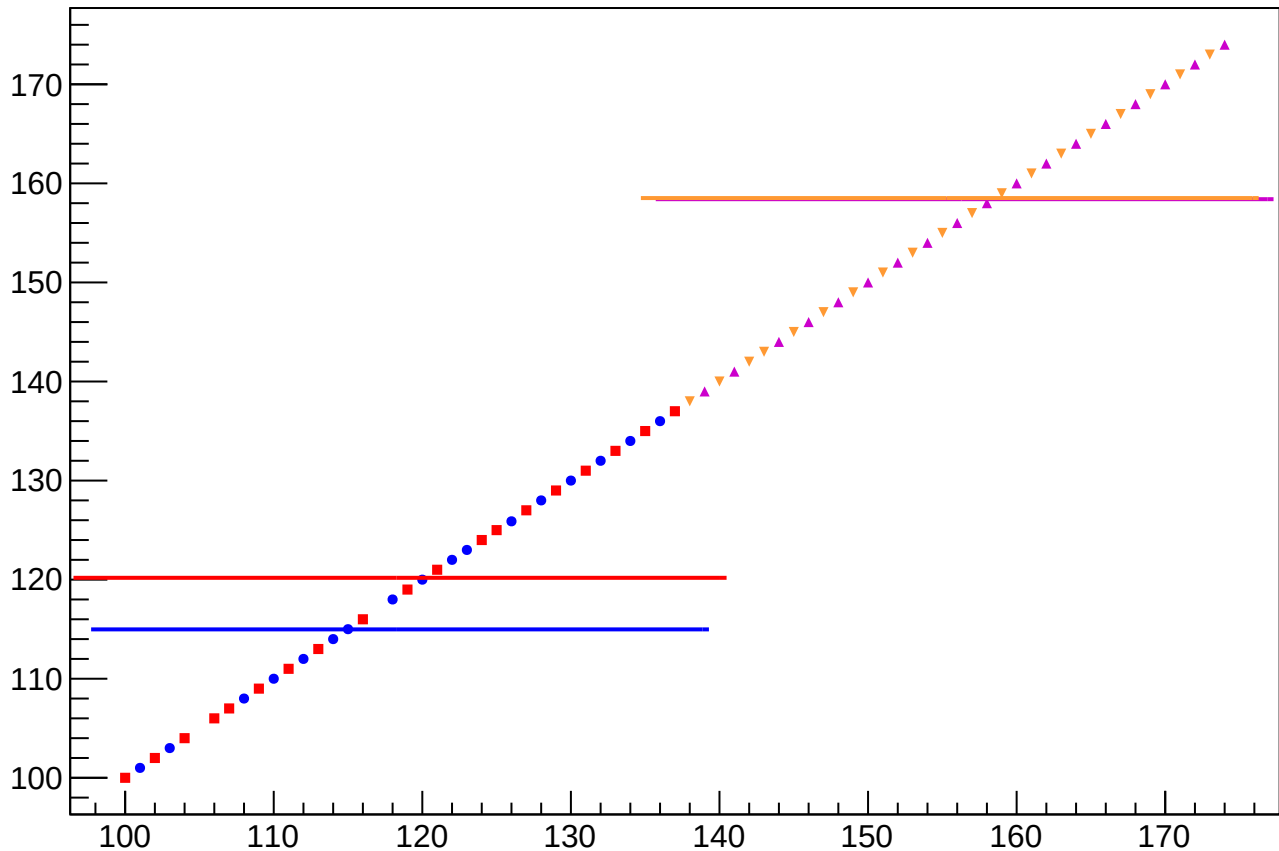
Left In: 7044.825 $\pm$ 0.115 χ^2 /NDF: 2007521.4/17

+ sign 6571.554 $\pm$ 0.112 χ^2 /NDF: 34225970.5/33

All: 6569.637 $\pm$ 0.070 χ^2 /NDF: 79358761.6/6

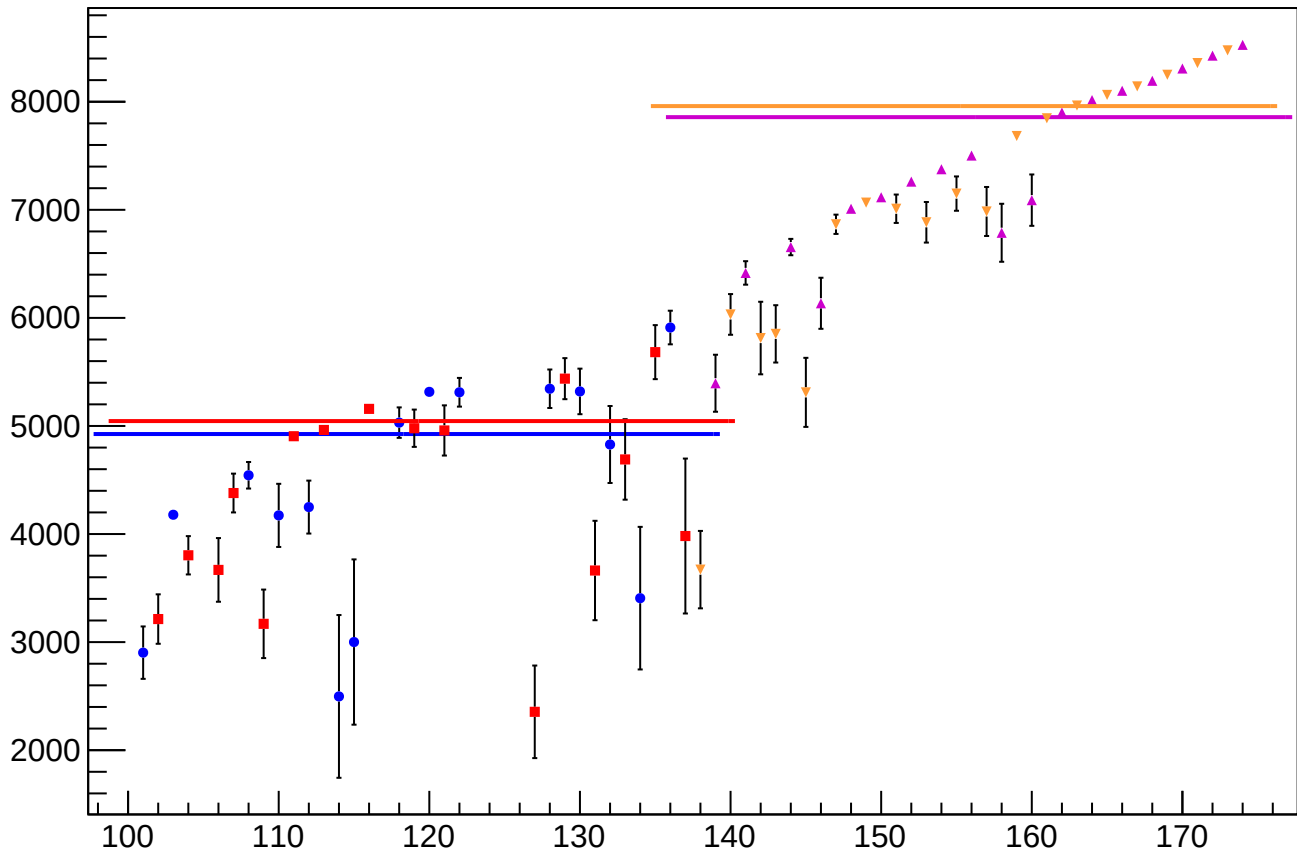
- sign 6568.447 $\pm$ 0.089 χ^2 /NDF: 45132319.6/33

dit_slug_slope vs Slug



Right In: 114.980 +/- 0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 158.516 +/- 0.000 χ^2/NDF : 81132188890785263948948767244288.0/18
 Right Out: 120.186 +/- 0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 158.404 +/- 0.000 χ^2/NDF : 87797270339182933586970960461824.0/17

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 7959.773+/-0.550 χ^2/NDF : 605853.4/18

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

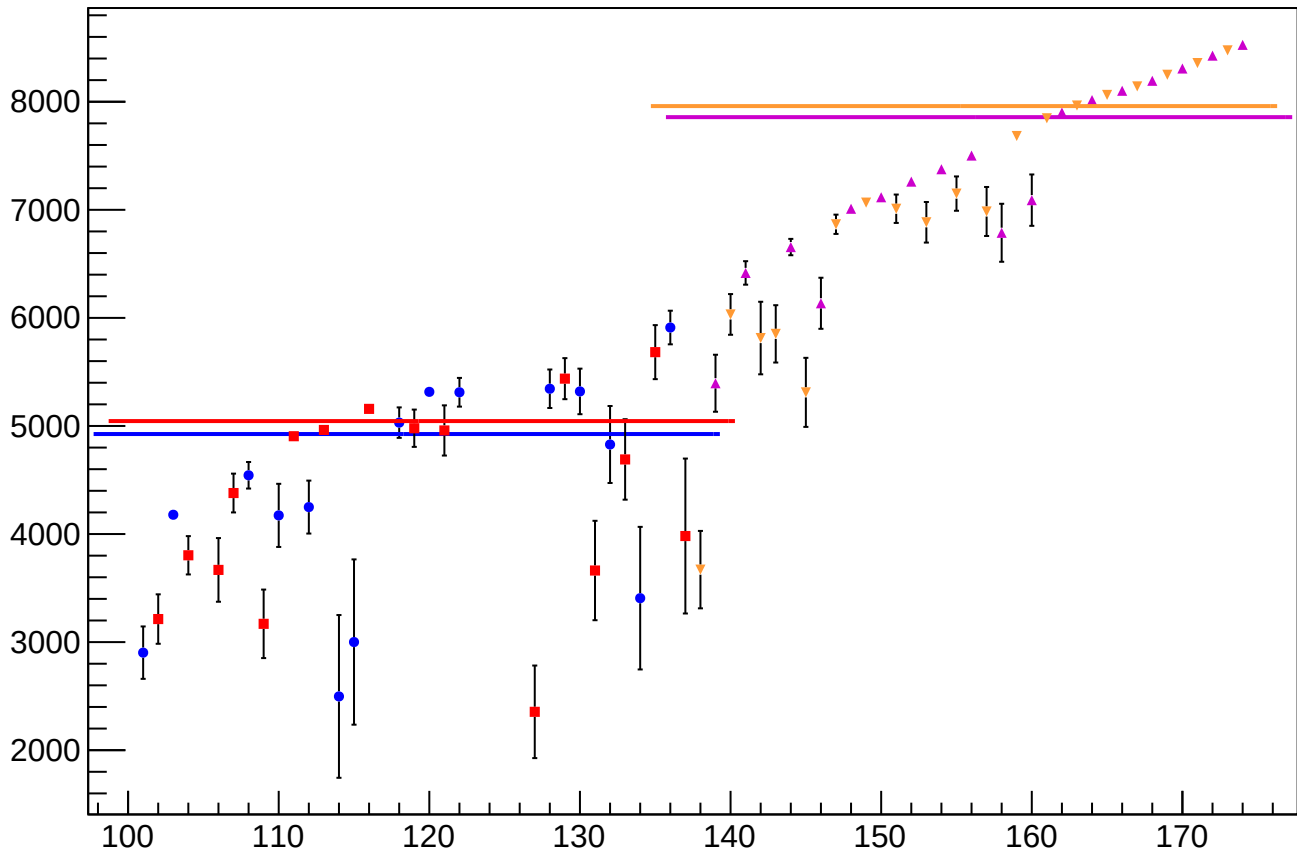
Left In: 7857.566+/-0.468 χ^2/NDF : 1171564.9/17

+ sign 7183.960+/-0.475 χ^2/NDF : 8715061.1/33

All: 7030.956+/-0.298 χ^2/NDF : 21980524.8/6

- sign 6931.176+/-0.383 χ^2/NDF : 13093781.8/33

dit_cyclenum_rms vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7959.773 $\pm$ 0.550 χ^2 /NDF: 605853.4/18

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

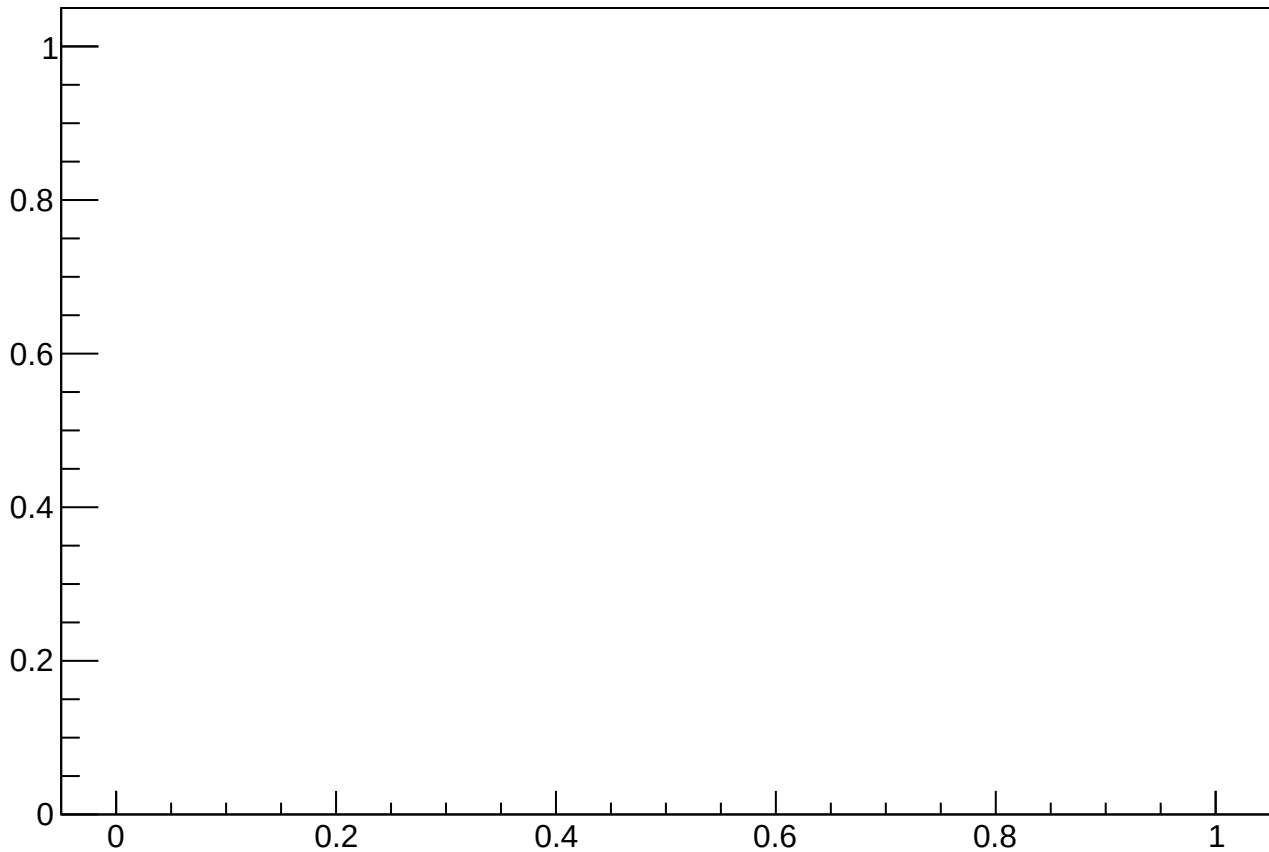
Left In: 7857.566 $\pm$ 0.468 χ^2 /NDF: 1171564.9/17

+ sign 7183.960 $\pm$ 0.475 χ^2 /NDF: 8715061.1/33

All: 7030.956 $\pm$ 0.298 χ^2 /NDF: 21980524.8/6

- sign 6931.176 $\pm$ 0.383 χ^2 /NDF: 13093781.8/33

dit_scandata1_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_scandata2_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

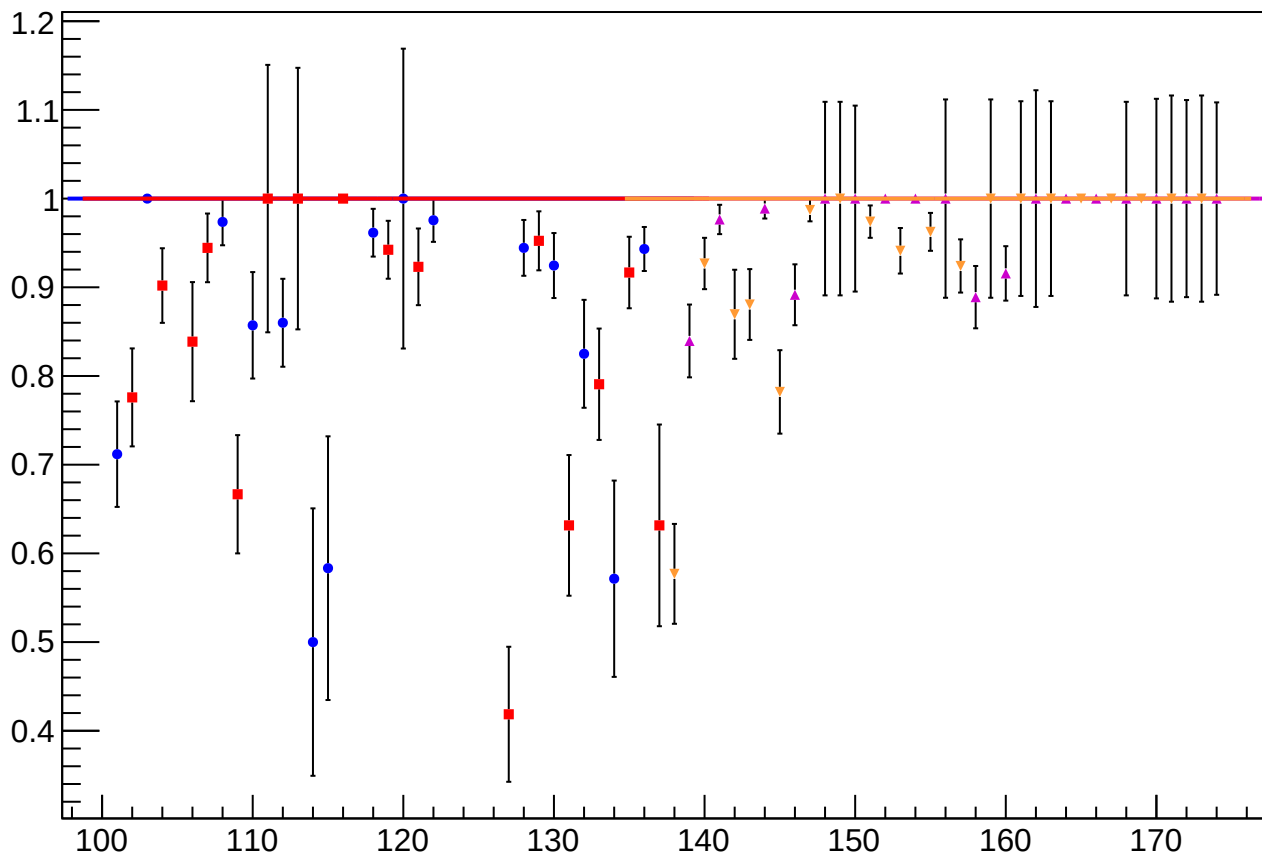
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:176.8/18

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

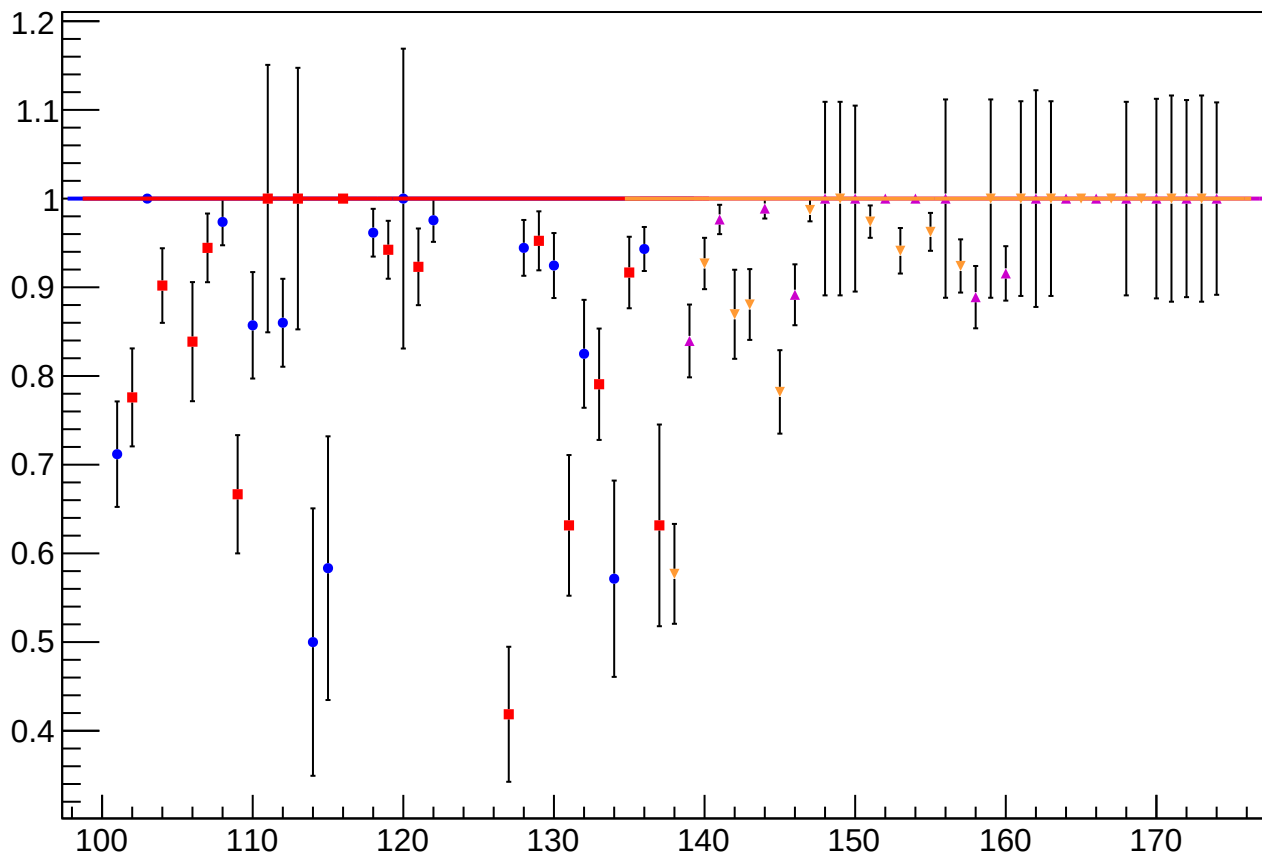
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:1081.3/17

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 384.7/33

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1022.4/67

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 490.5/33

dit_flag_rms vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 1.000 ± 0.000 χ^2/NDF : 176.8/18

Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

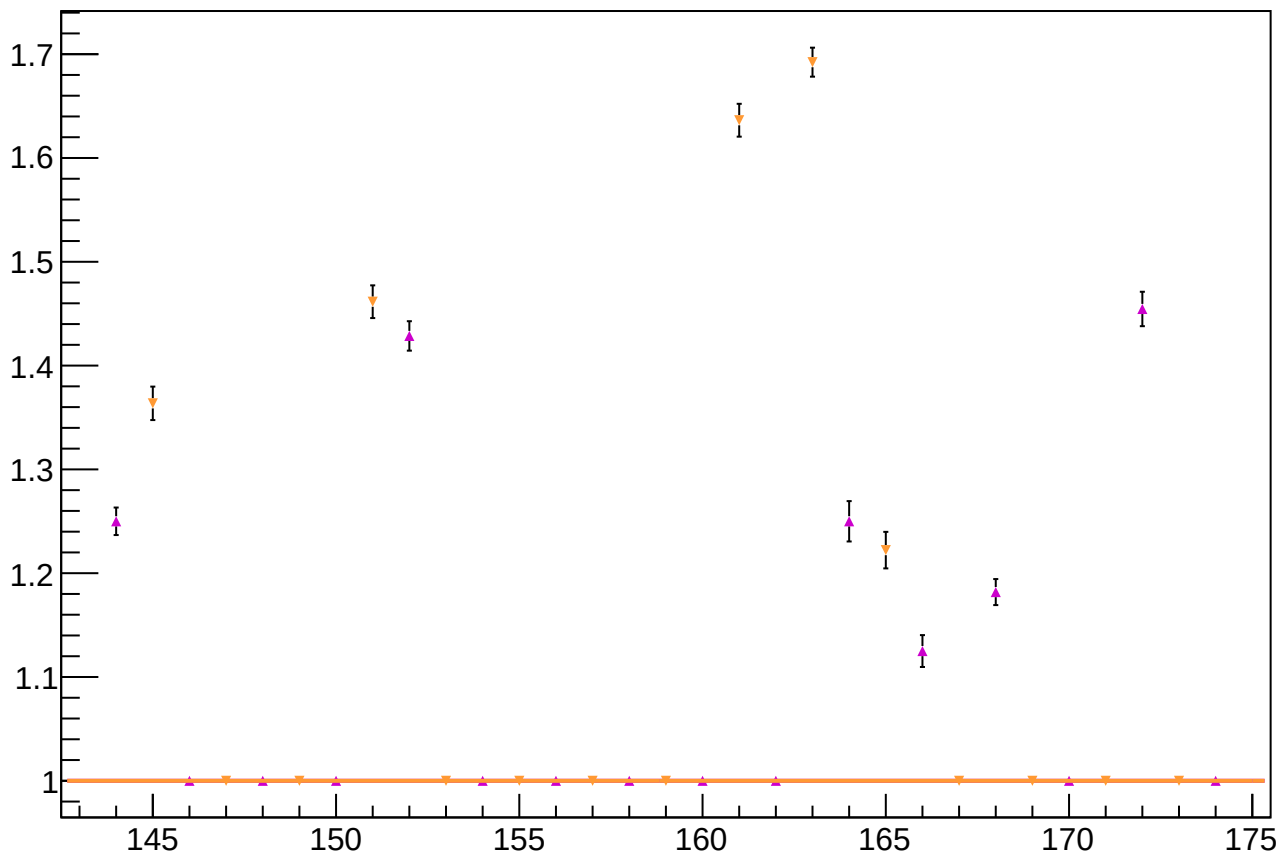
Left In: 1.000 ± 0.000 χ^2/NDF : 1081.3/17

+ sign 1.000 ± 0.000 χ^2/NDF : 384.7/33

All: 1.000 ± 0.000 χ^2/NDF : 1022.4/67

- sign 1.000 ± 0.000 χ^2/NDF : 490.5/33

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 :6401.6/14

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

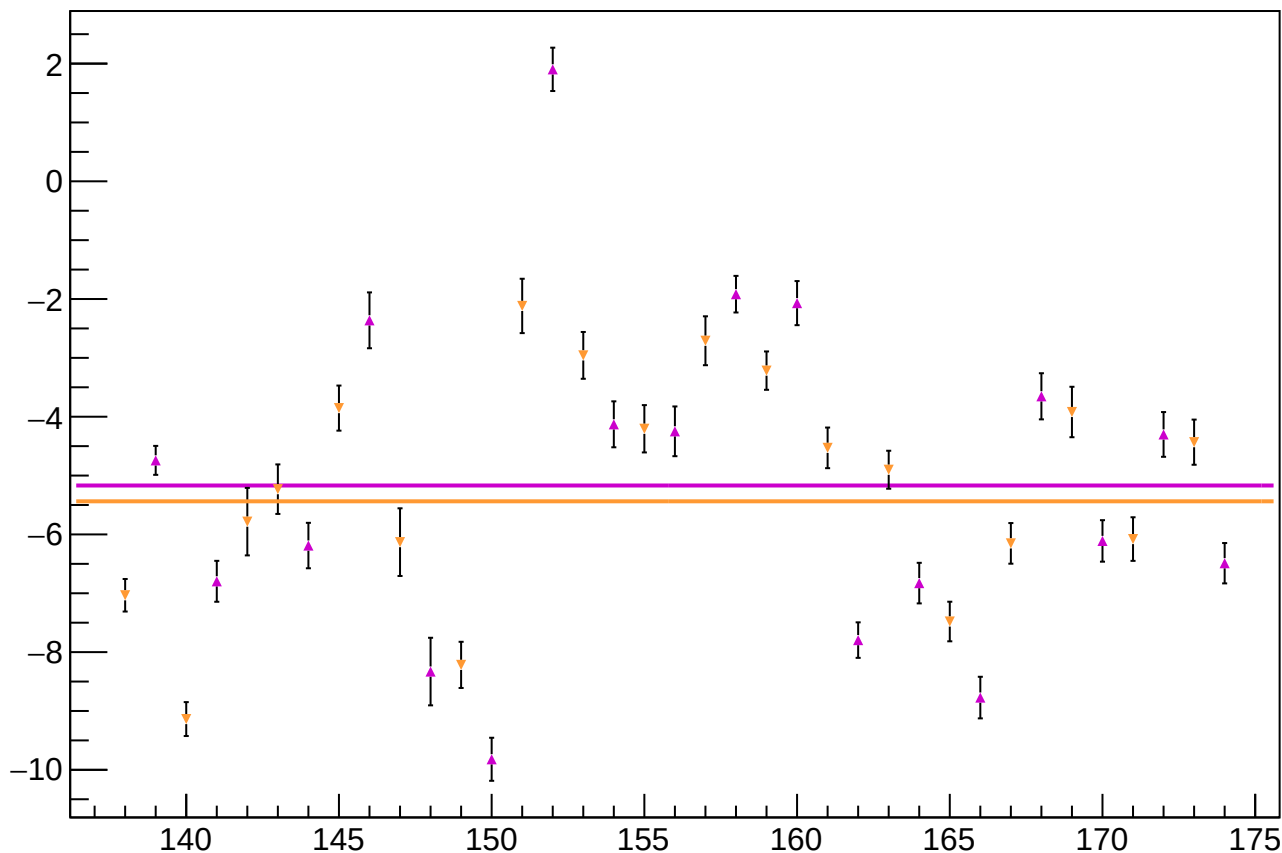
Left In: 1.000+/-0.000 χ^2/NDF :3288.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 9600.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

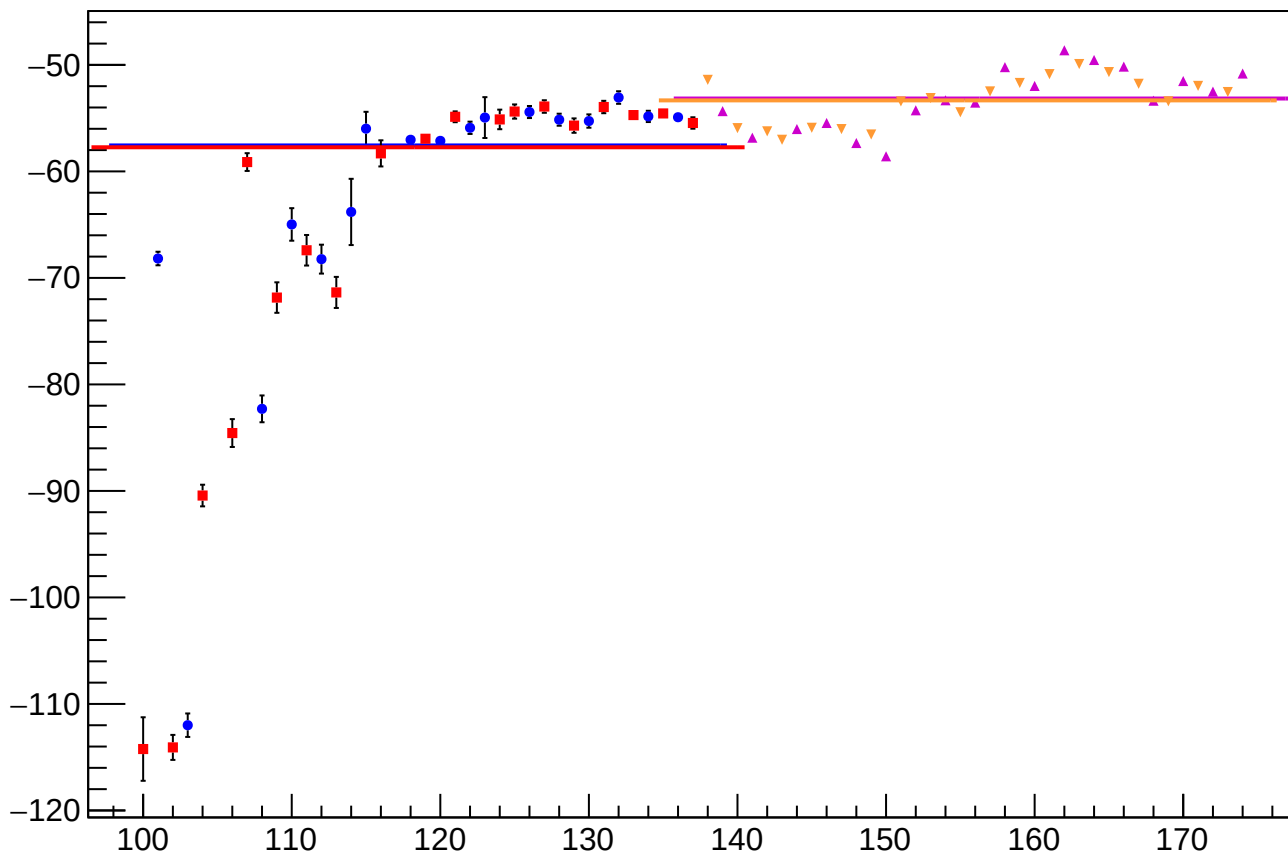
reg_asym_sam1_diff_bpm1X_slope vs Slug



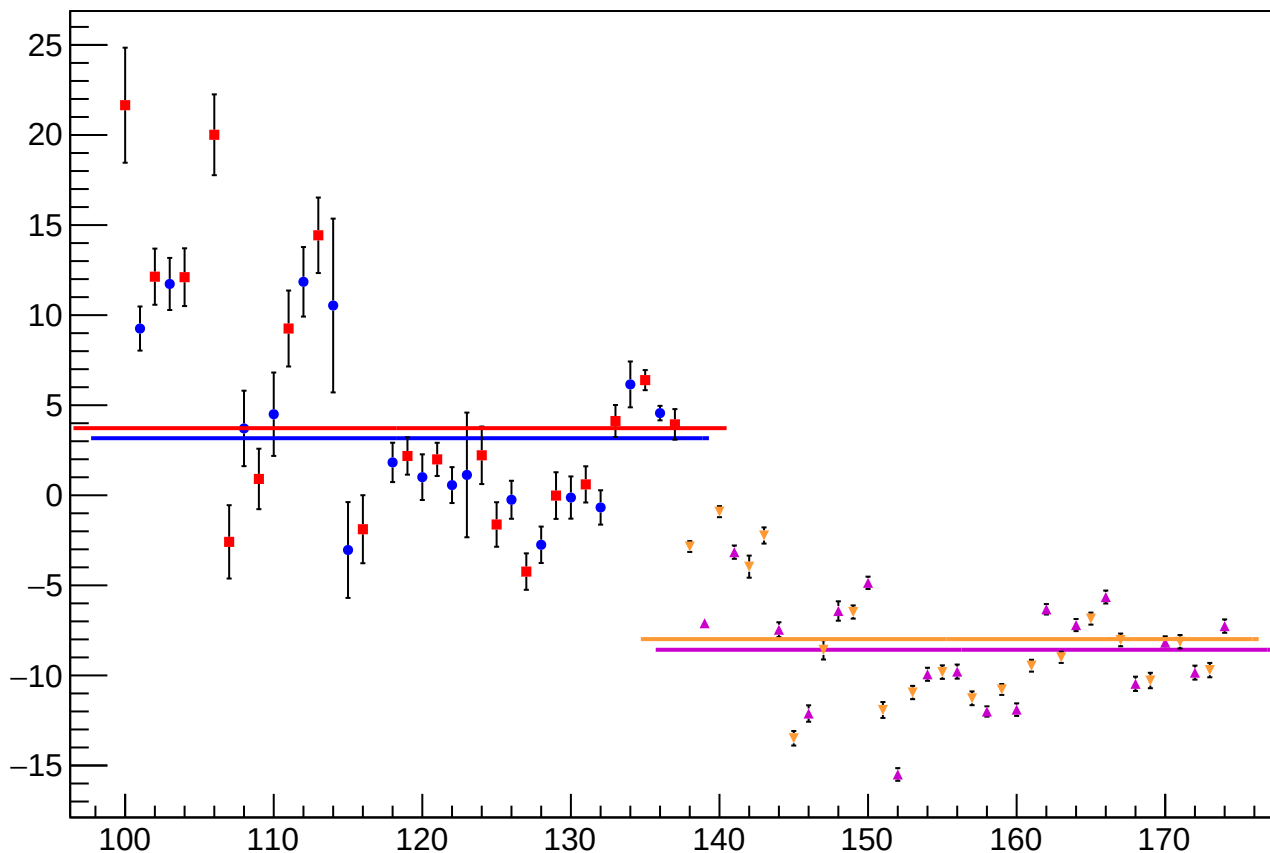
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.437 $\pm$ 0.085 χ^2 /NDF:530.4/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.169 $\pm$ 0.084 χ^2 /NDF:1062.1/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -5.301 $\pm$ 0.060 χ^2 /NDF: 1597.4/36
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -7.983 ± 0.085 χ^2/NDF : 1651.6/18

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

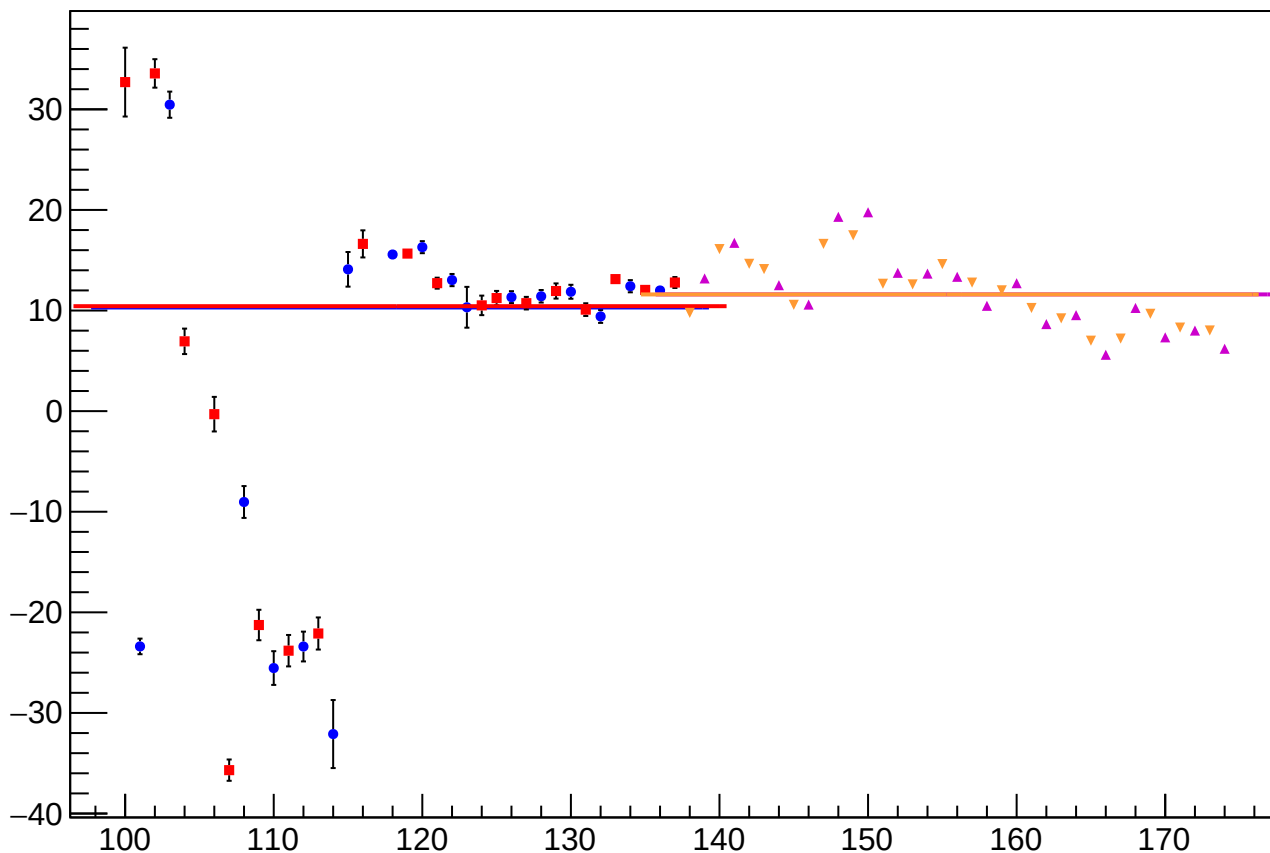
Left In: -8.576 ± 0.084 χ^2/NDF : 1279.7/17

+ sign -6.894 ± 0.081 χ^2/NDF : 3527.1/35

All: -7.190 ± 0.057 χ^2/NDF : 7089.1/72

- sign -7.480 ± 0.080 χ^2/NDF : 3535.4/36

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 $\pm$ 0.157 χ^2 /NDF: 3712.3/16

Left Out: 11.602 $\pm$ 0.072 χ^2 /NDF:1823.1/18

Right Out: 10.433 $\pm$ 0.160 χ^2 /NDF: 3828.5/18

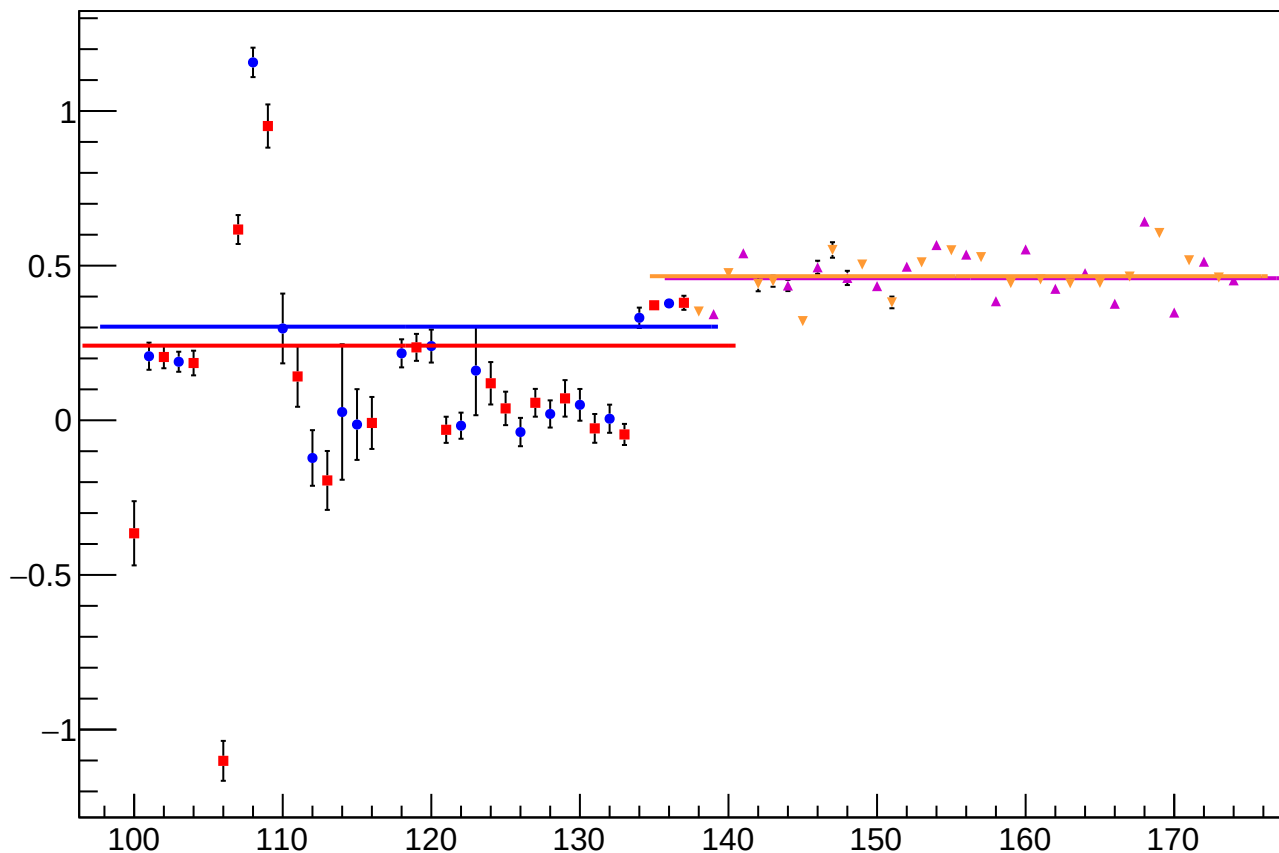
Left In: 11.603 $\pm$ 0.073 χ^2 /NDF:2789.6/17

+ sign 11.374 $\pm$ 0.066 χ^2 /NDF: 5591.7/35

All: 11.387 $\pm$ 0.047 χ^2 /NDF: 12254.2/72

- sign 11.400 $\pm$ 0.067 χ^2 /NDF: 6662.4/36

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.466 ± 0.003 χ^2/NDF : 401.7/18

Right Out: 0.241 ± 0.008 χ^2/NDF : 986.7/18

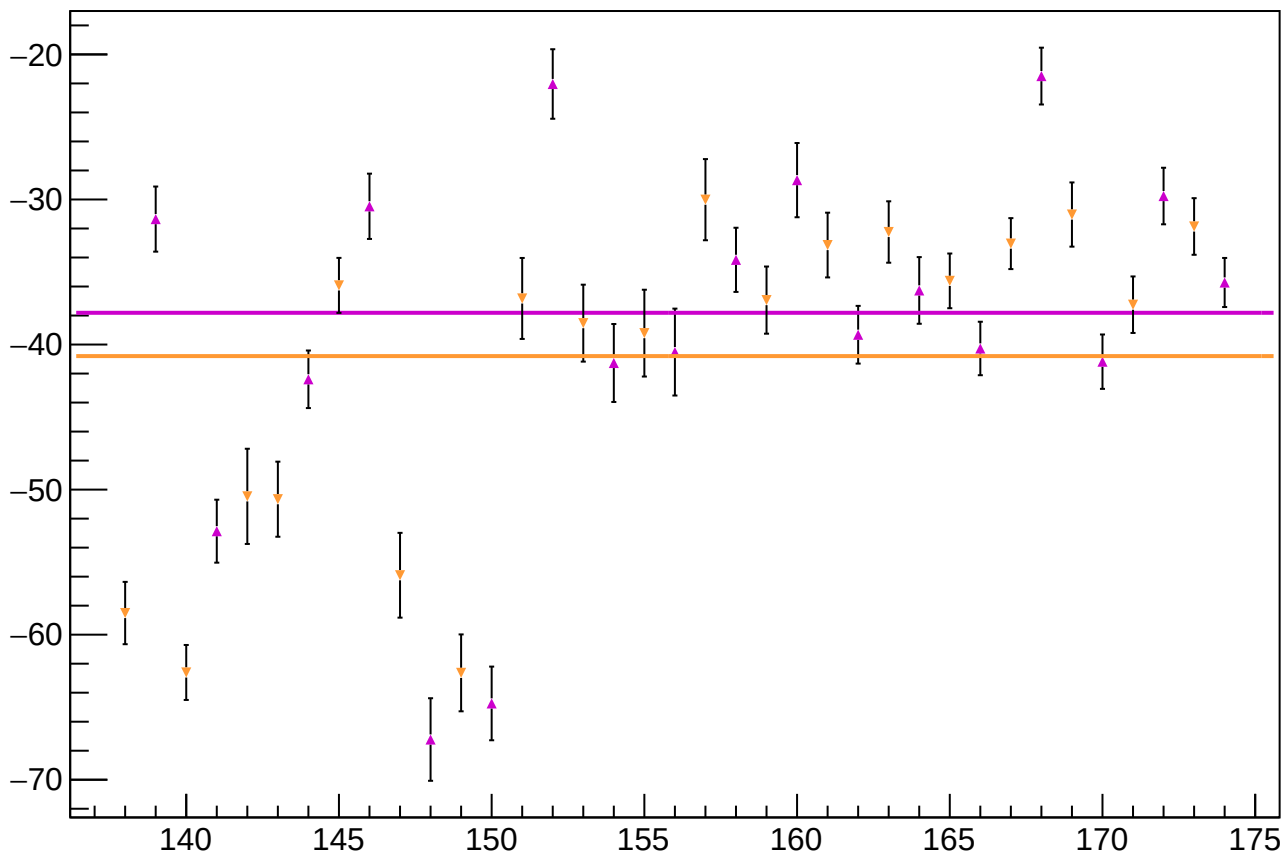
Left In: 0.459 ± 0.003 χ^2/NDF : 684.7/17

+ sign 0.444 ± 0.003 χ^2/NDF : 1390.7/35

All: 0.438 ± 0.002 χ^2/NDF : 3646.7/72

- sign 0.432 ± 0.003 χ^2/NDF : 2249.1/36

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -40.796+/-0.518 χ^2/NDF : 444.3/18

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

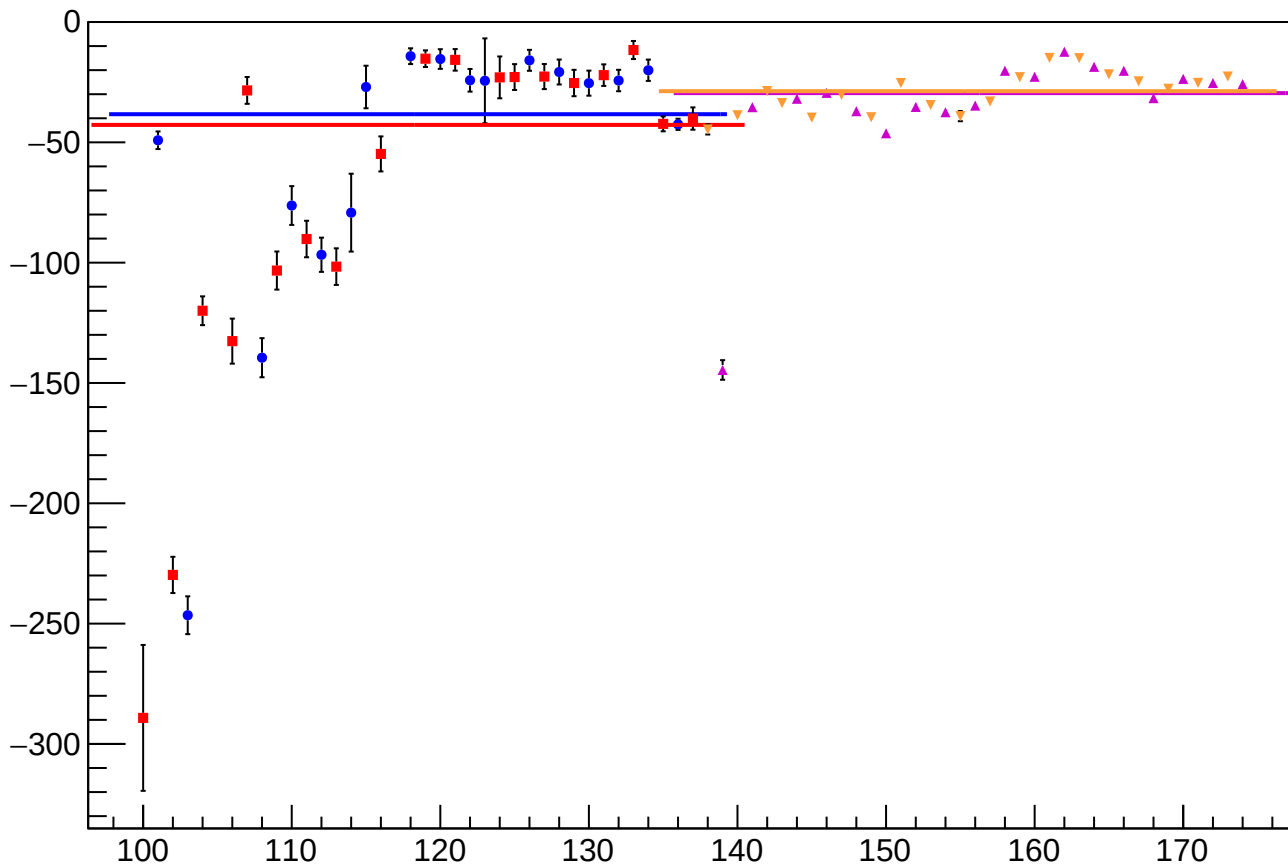
Left In: -37.811+/-0.512 χ^2/NDF : 447.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.287+/-0.364 χ^2/NDF : 908.1/36

- 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: -28.739 ± 0.379 χ^2/NDF : 456.4/18

Right Out: -42.756 ± 1.211 χ^2/NDF : 1341.6/18

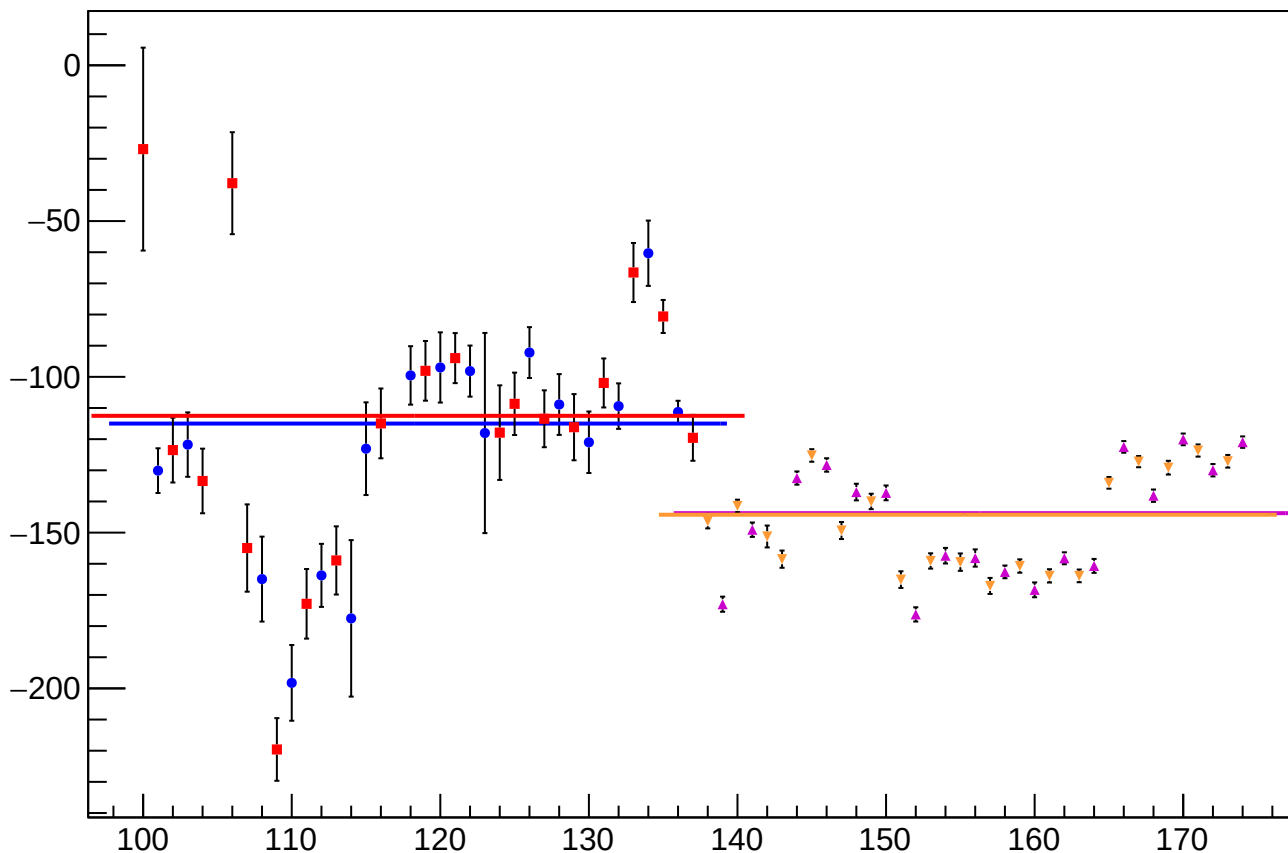
Left In: -29.548 ± 0.384 χ^2/NDF : 1243.7/17

+ sign -29.697 ± 0.360 χ^2/NDF : 1652.8/35

All: -30.216 ± 0.256 χ^2/NDF : 4350.5/72

- sign -30.754 ± 0.366 χ^2/NDF : 2693.4/36

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 χ^2/NDF : 141.8/16

Left Out: -144.257 ± 0.517 χ^2/NDF : 918.3/18

Right Out: -112.510 ± 2.207 χ^2/NDF : 273.1/18

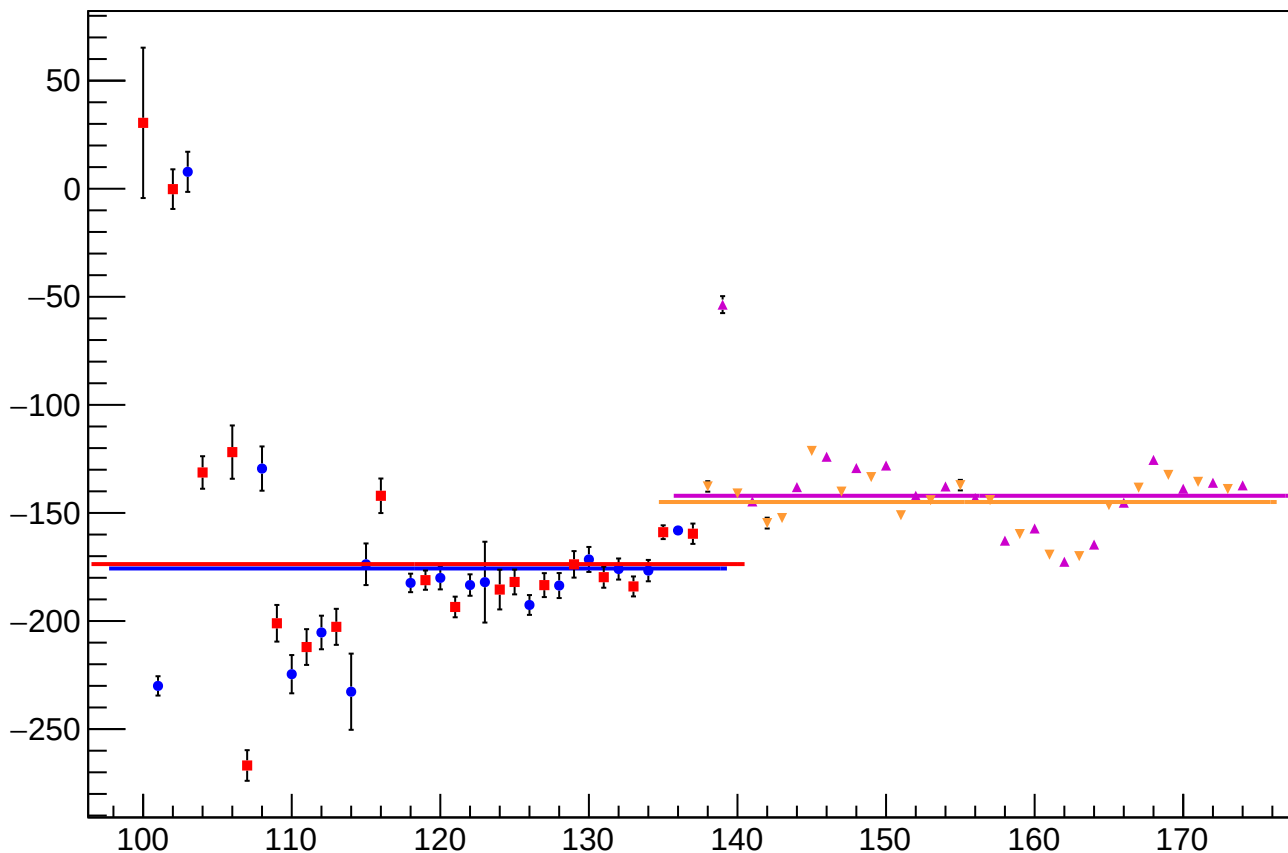
Left In: -143.756 ± 0.509 χ^2/NDF : 1306.0/17

+ sign -142.544 ± 0.501 χ^2/NDF : 1247.8/35

All: -142.358 ± 0.353 χ^2/NDF : 3017.5/72

- sign -142.174 ± 0.496 χ^2/NDF : 1769.5/36

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -144.942 ± 0.433 χ^2/NDF : 901.7/18

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

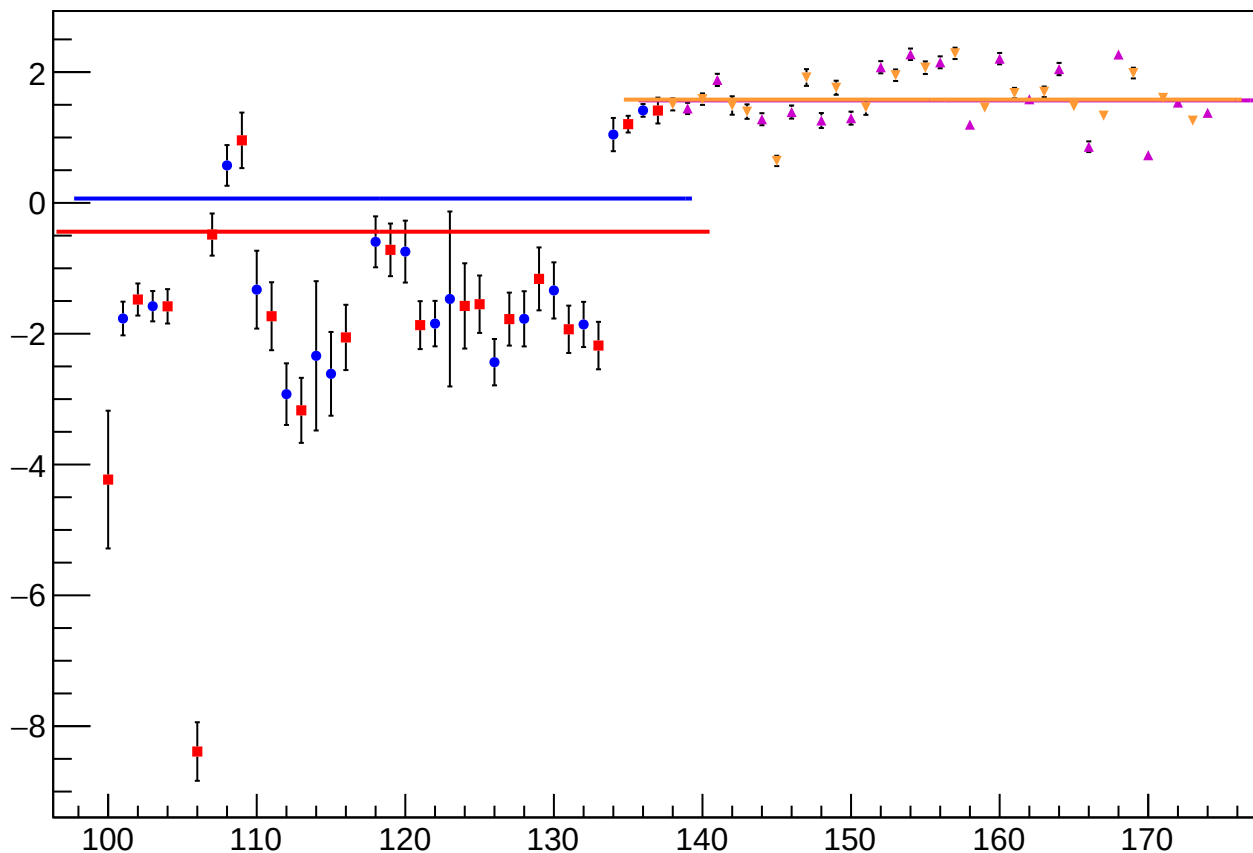
Left In: -142.058 ± 0.436 χ^2/NDF : 1524.7/17

+ sign -148.152 ± 0.410 χ^2/NDF : 2121.8/35

All: -146.603 ± 0.291 χ^2/NDF : 4905.8/72

- sign -145.015 ± 0.415 χ^2/NDF : 2755.0/36

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.580 ± 0.020 χ^2/NDF : 328.0/18

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

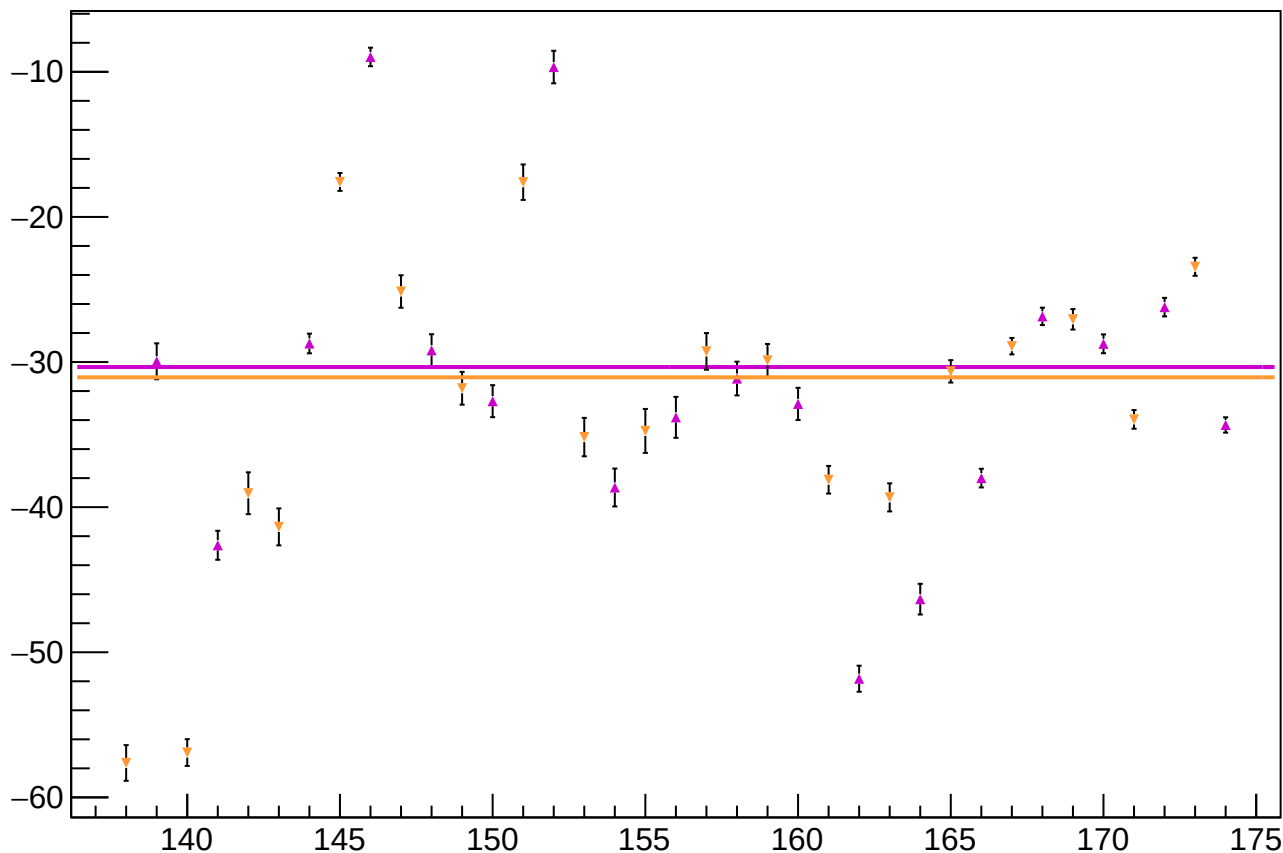
Left In: 1.567 ± 0.020 χ^2/NDF : 600.5/17

+ sign 1.456 ± 0.019 χ^2/NDF : 1322.7/35

All: 1.440 ± 0.013 χ^2/NDF : 3419.8/72

- sign 1.424 ± 0.019 χ^2/NDF : 2095.7/36

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -31.053+/-0.203 χ^2/NDF : 2339.1/18

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

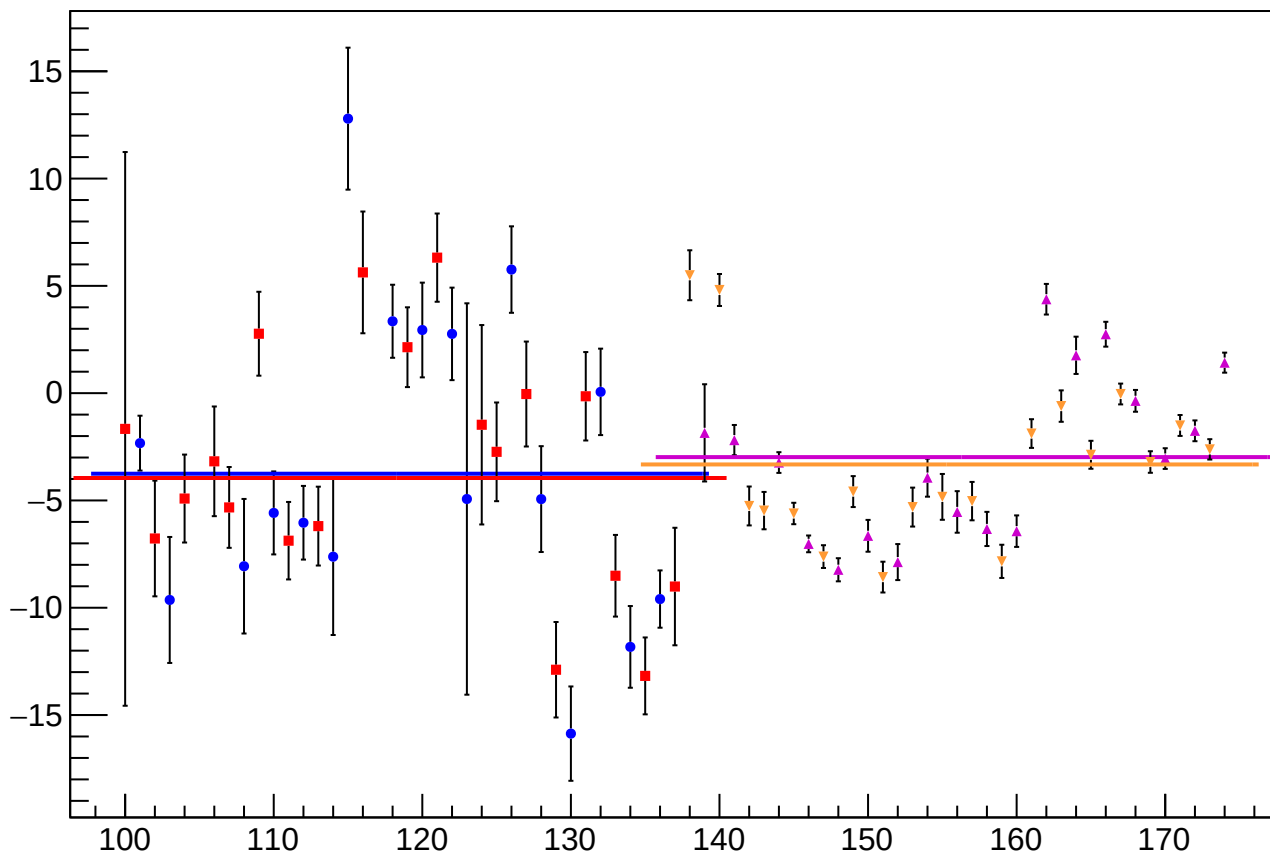
Left In: -30.344+/-0.192 χ^2/NDF : 2756.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.679+/-0.140 χ^2/NDF : 5102.1/36

- 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 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -3.322 ± 0.149 $\chi^2/\text{NDF}: 455.5/18$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

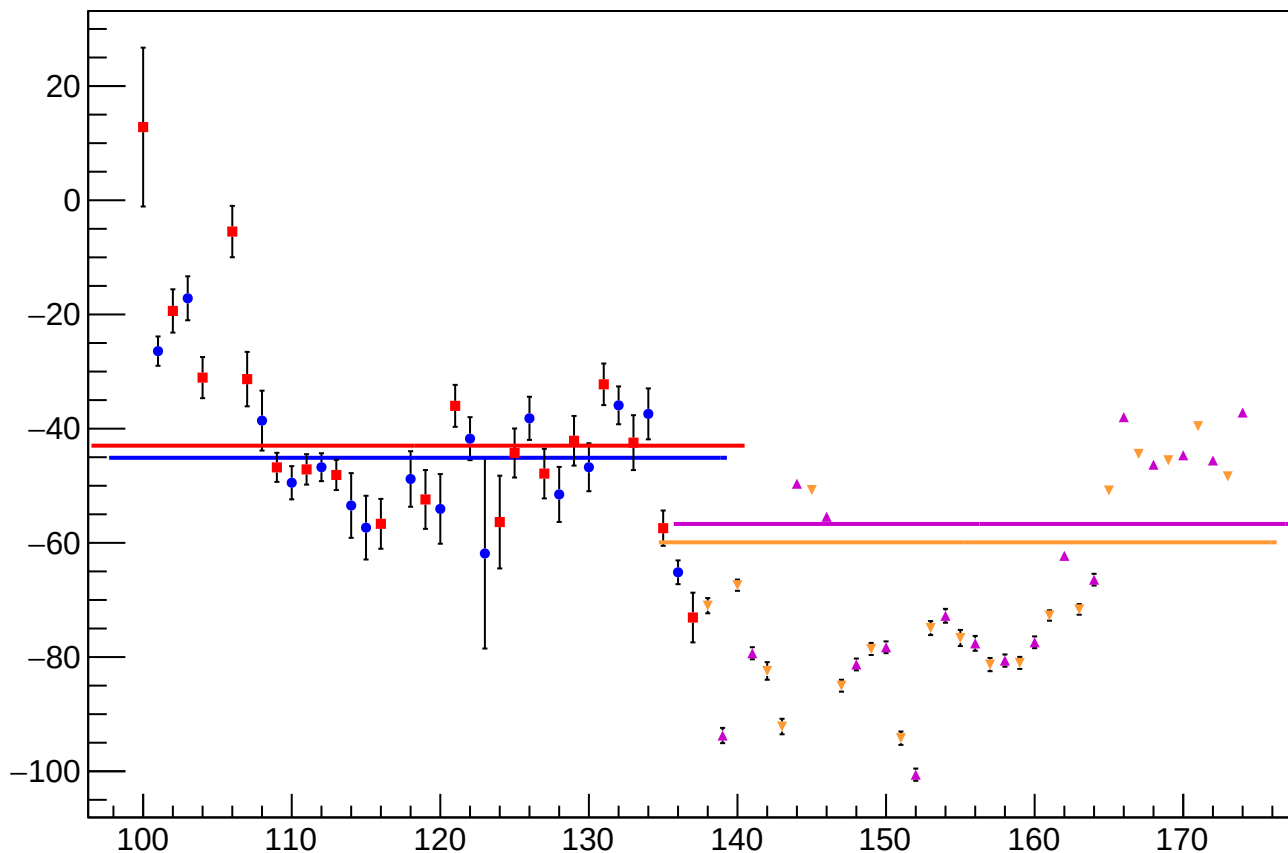
Left In: -2.980 ± 0.143 $\chi^2/\text{NDF}: 666.2/17$

+ sign -3.358 ± 0.143 $\chi^2/\text{NDF}: 621.5/35$

All: -3.200 ± 0.099 $\chi^2/\text{NDF}: 1416.8/72$

- sign -3.052 ± 0.138 $\chi^2/\text{NDF}: 792.9/36$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -59.907 ± 0.204 χ^2/NDF : 6811.2/18

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

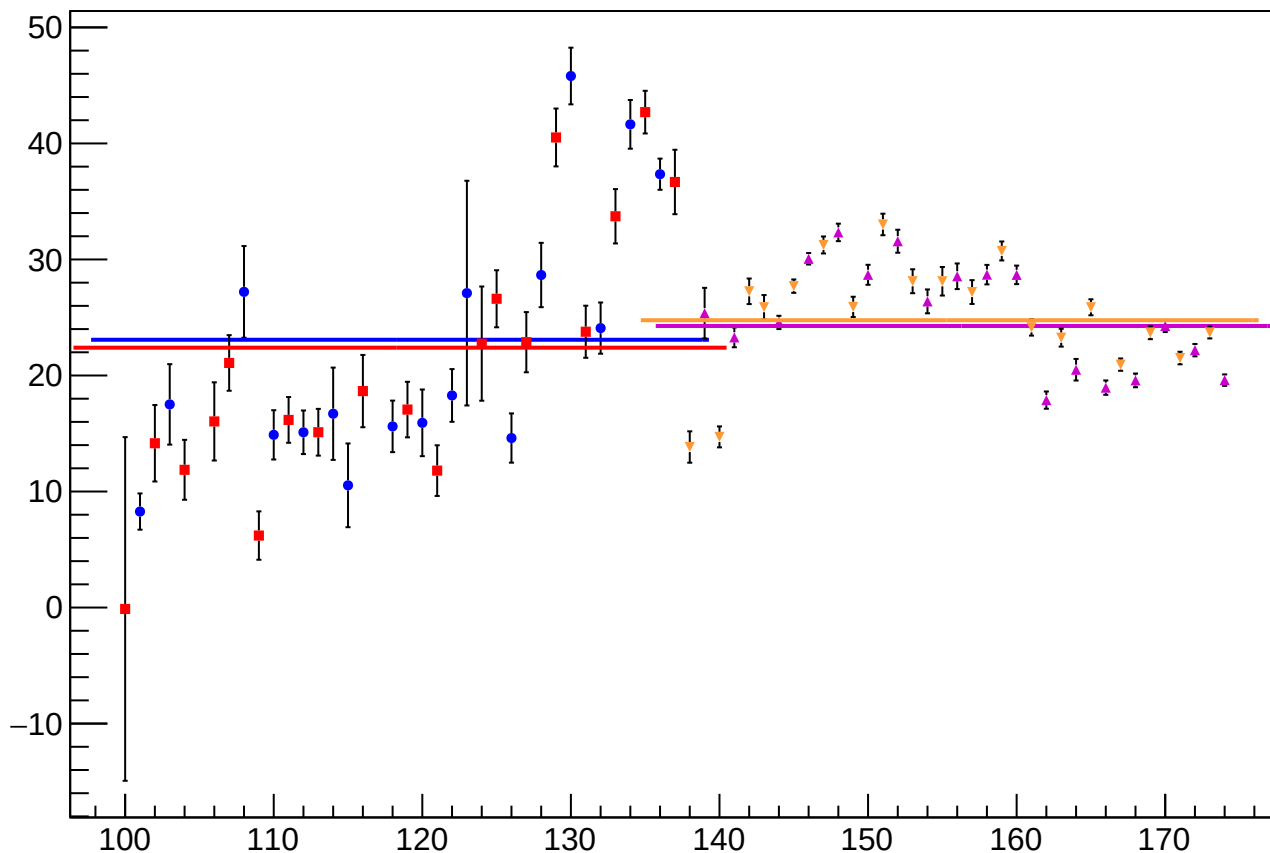
Left In: -56.687 ± 0.193 χ^2/NDF : 8354.5/17

+ sign -59.154 ± 0.199 χ^2/NDF : 7309.3/35

All: -57.523 ± 0.137 χ^2/NDF : 16273.7/72

- sign -56.055 ± 0.188 χ^2/NDF : 8836.2/36

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 ± 0.556 χ^2/NDF : 461.1/16

Left Out: 24.763 ± 0.170 χ^2/NDF : 561.2/18

Right Out: 22.397 ± 0.572 χ^2/NDF : 370.3/18

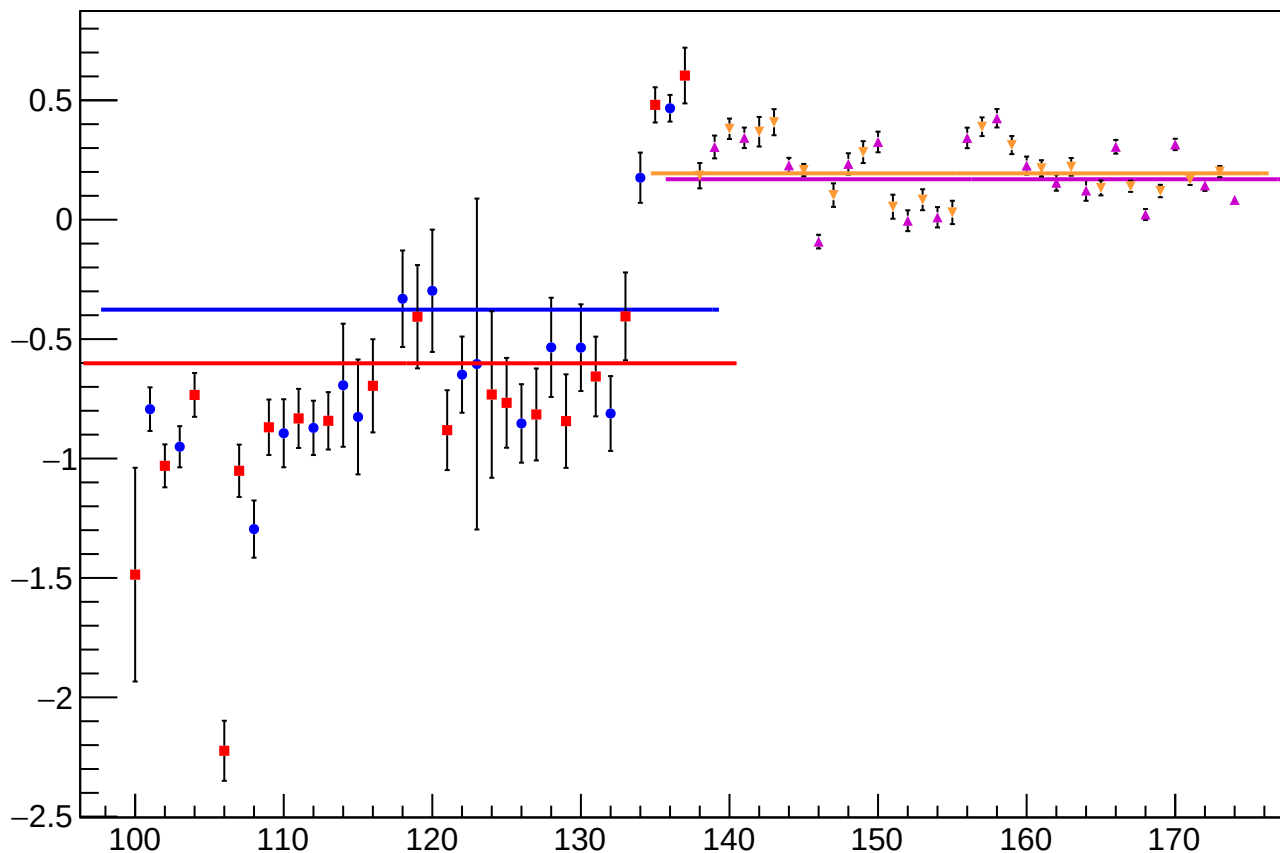
Left In: 24.267 ± 0.164 χ^2/NDF : 742.6/17

+ sign 24.618 ± 0.163 χ^2/NDF : 1030.7/35

All: 24.364 ± 0.113 χ^2/NDF : 2158.2/72

- sign 24.126 ± 0.157 χ^2/NDF : 1122.7/36

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.194 ± 0.008 $\chi^2/\text{NDF}: 129.2/18$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

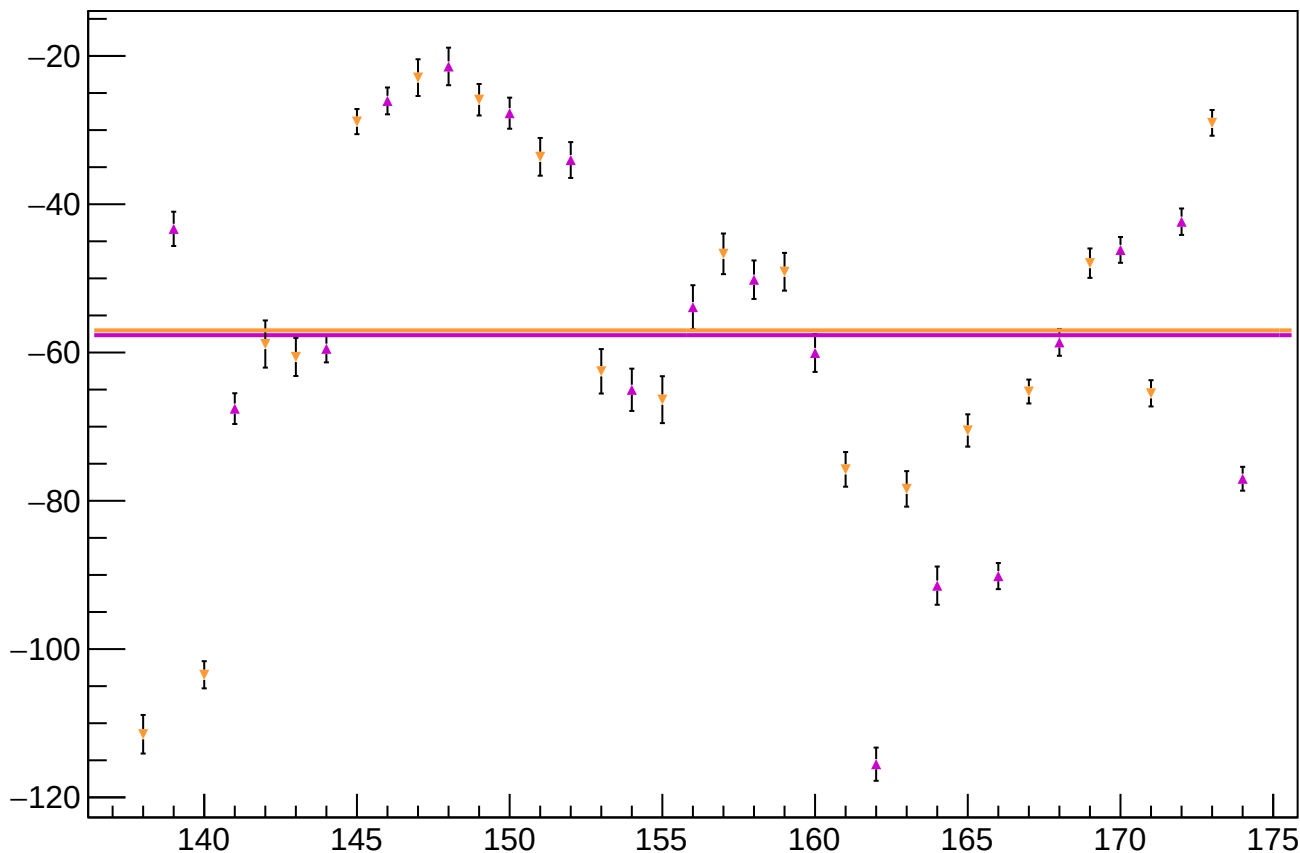
Left In: 0.169 ± 0.008 $\chi^2/\text{NDF}: 338.8/17$

+ sign 0.158 ± 0.008 $\chi^2/\text{NDF}: 903.7/35$

All: 0.140 ± 0.005 $\chi^2/\text{NDF}: 2422.3/72$

- sign 0.124 ± 0.007 $\chi^2/\text{NDF}: 1508.5/36$

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -57.009 ± 0.504 χ^2/NDF : 2394.9/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

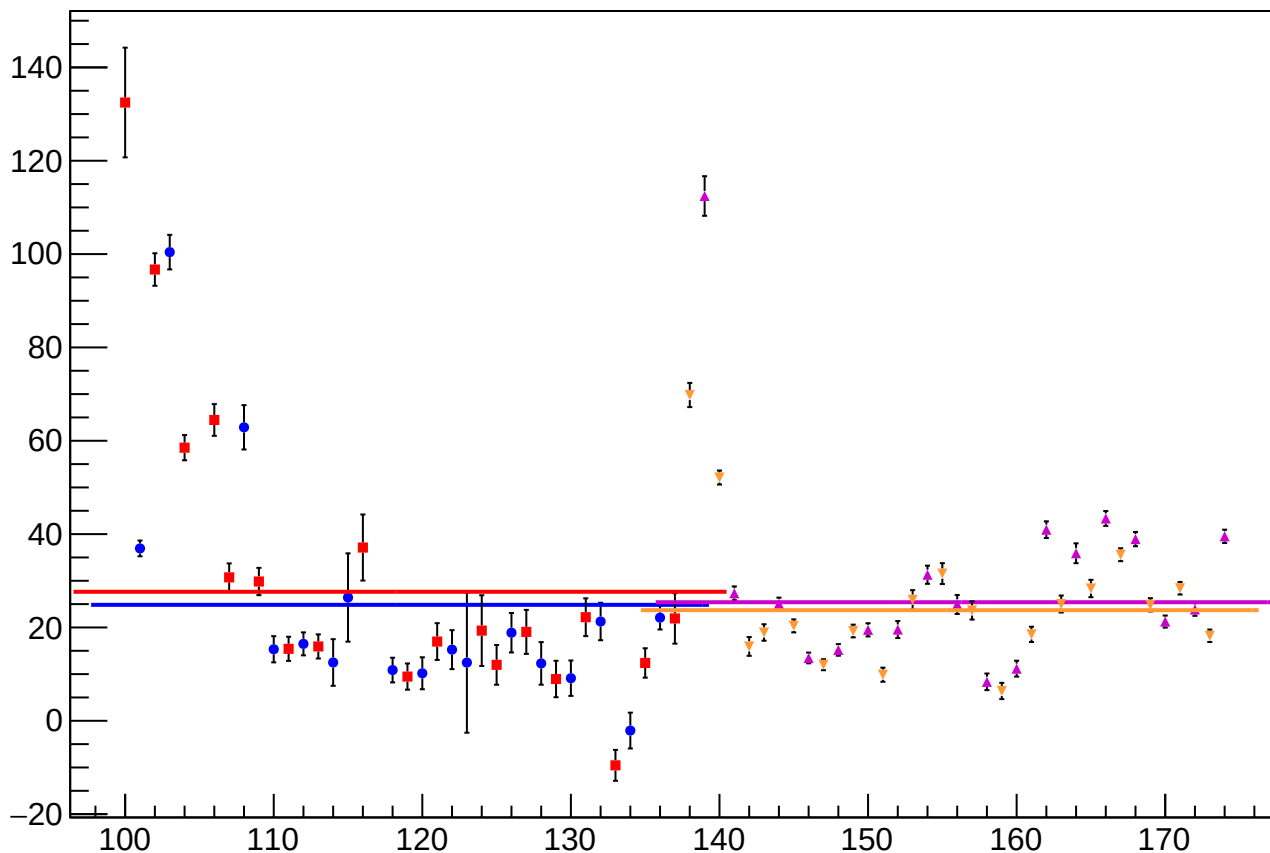
Left In: -57.660 ± 0.492 χ^2/NDF : 2331.1/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -57.342 ± 0.352 χ^2/NDF : 4726.9/36

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 23.704 $\pm$ 0.366 χ^2 /NDF:1127.2/18

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

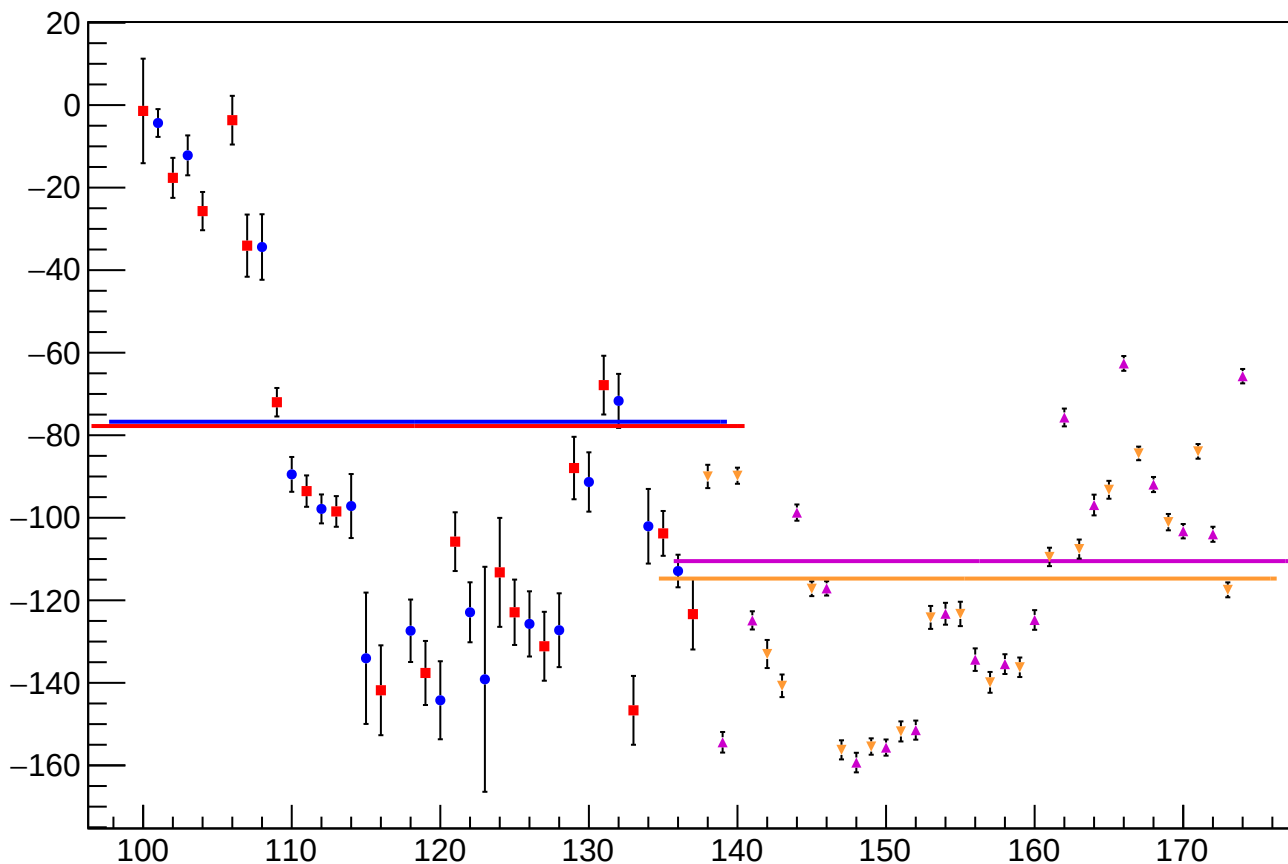
Left In: 25.406 $\pm$ 0.367 χ^2 /NDF:1211.1/17

+ sign 23.901 $\pm$ 0.333 χ^2 /NDF: 1819.7/35

All: 24.840 $\pm$ 0.236 χ^2 /NDF: 4062.2/72

- sign 25.787 $\pm$ 0.334 χ^2 /NDF: 2226.6/36

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -114.731 ± 0.503 χ^2/NDF : 2337.7/18

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

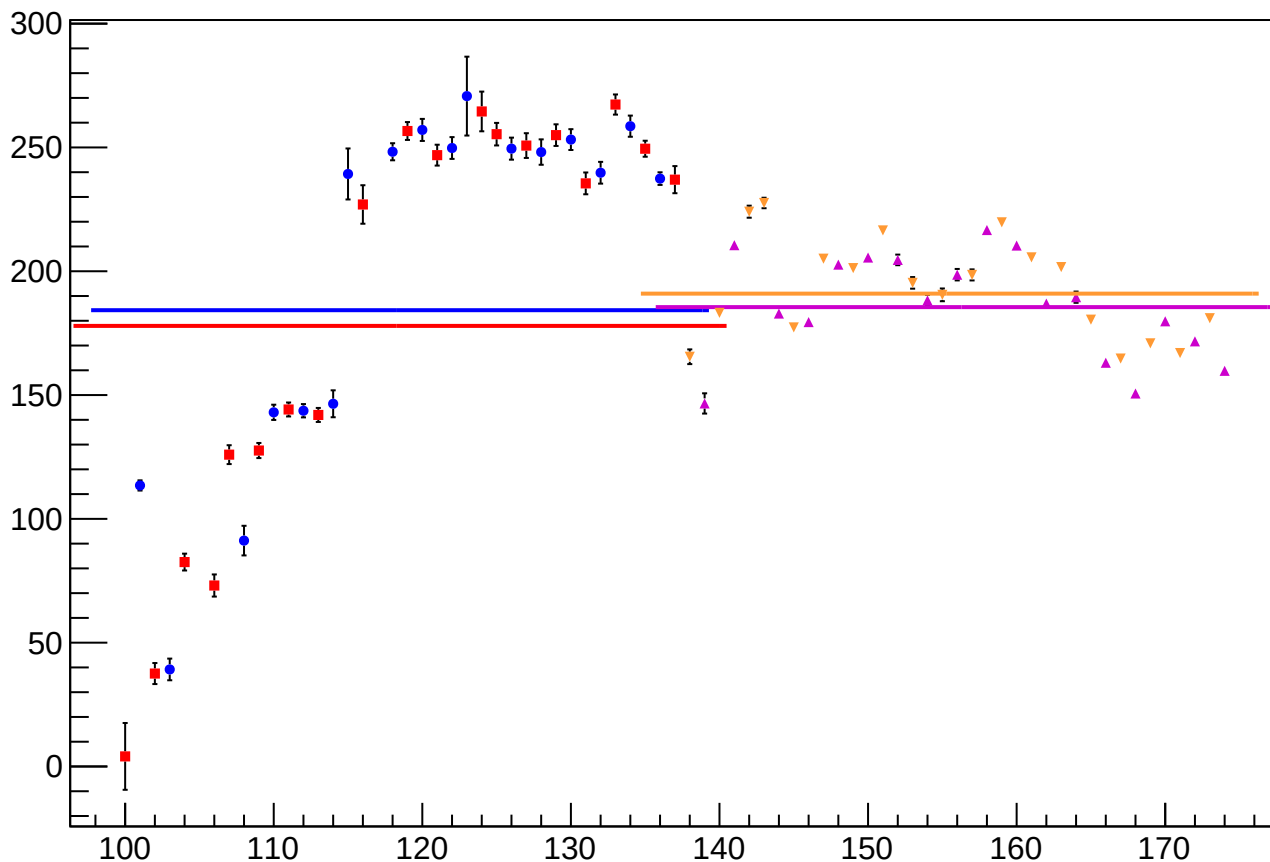
Left In: -110.504 ± 0.491 χ^2/NDF : 3708.0/17

+ sign -110.454 ± 0.474 χ^2/NDF : 4022.4/35

All: -108.523 ± 0.331 χ^2/NDF : 9152.2/72

- sign -106.690 ± 0.462 χ^2/NDF : 5097.4/36

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 190.962 $\pm$ 0.420 χ^2 /NDF: 2090.0/18

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

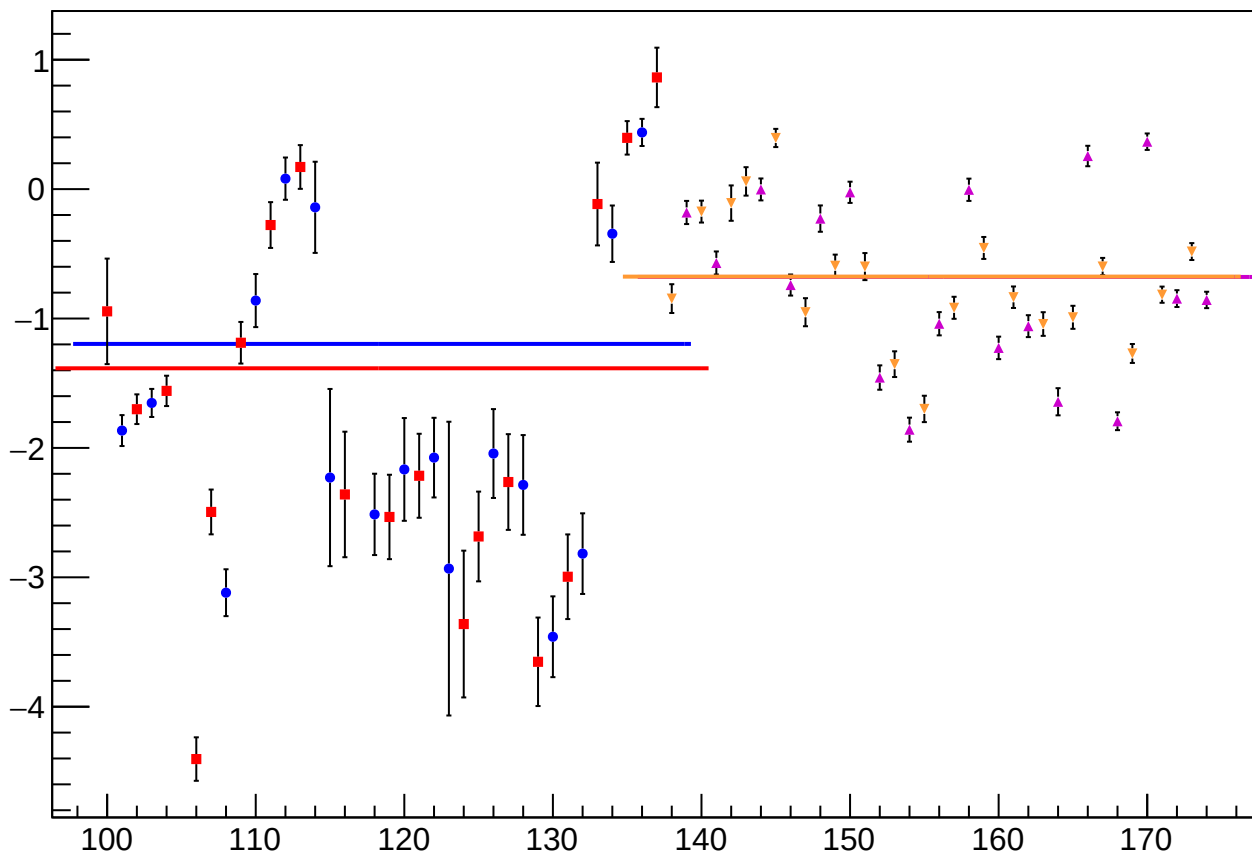
Left In: 185.515 $\pm$ 0.419 χ^2 /NDF: 2081.0/17

+ sign 189.793 $\pm$ 0.382 χ^2 /NDF: 7535.2/35

All: 187.006 $\pm$ 0.270 χ^2 /NDF: 16109.7/72

- sign 184.220 $\pm$ 0.382 χ^2 /NDF: 8467.9/36

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.676 ± 0.019 χ^2/NDF : 614.6/18

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

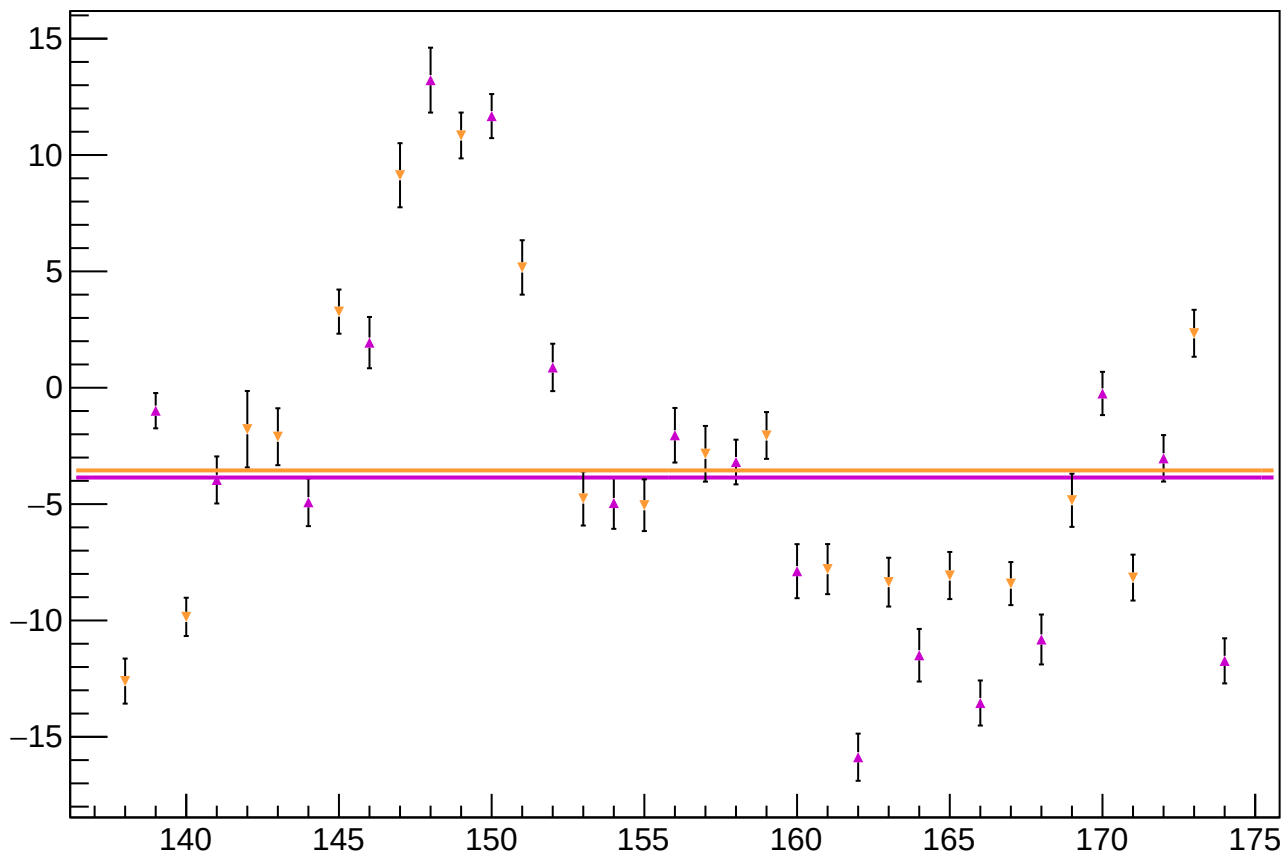
Left In: -0.679 ± 0.019 χ^2/NDF : 1318.3/17

+ sign -0.750 ± 0.018 χ^2/NDF : 1338.2/35

All: -0.767 ± 0.013 χ^2/NDF : 3785.3/72

- sign -0.783 ± 0.018 χ^2/NDF : 2445.3/36

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -3.552+/-0.243 χ^2/NDF : 701.3/18

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

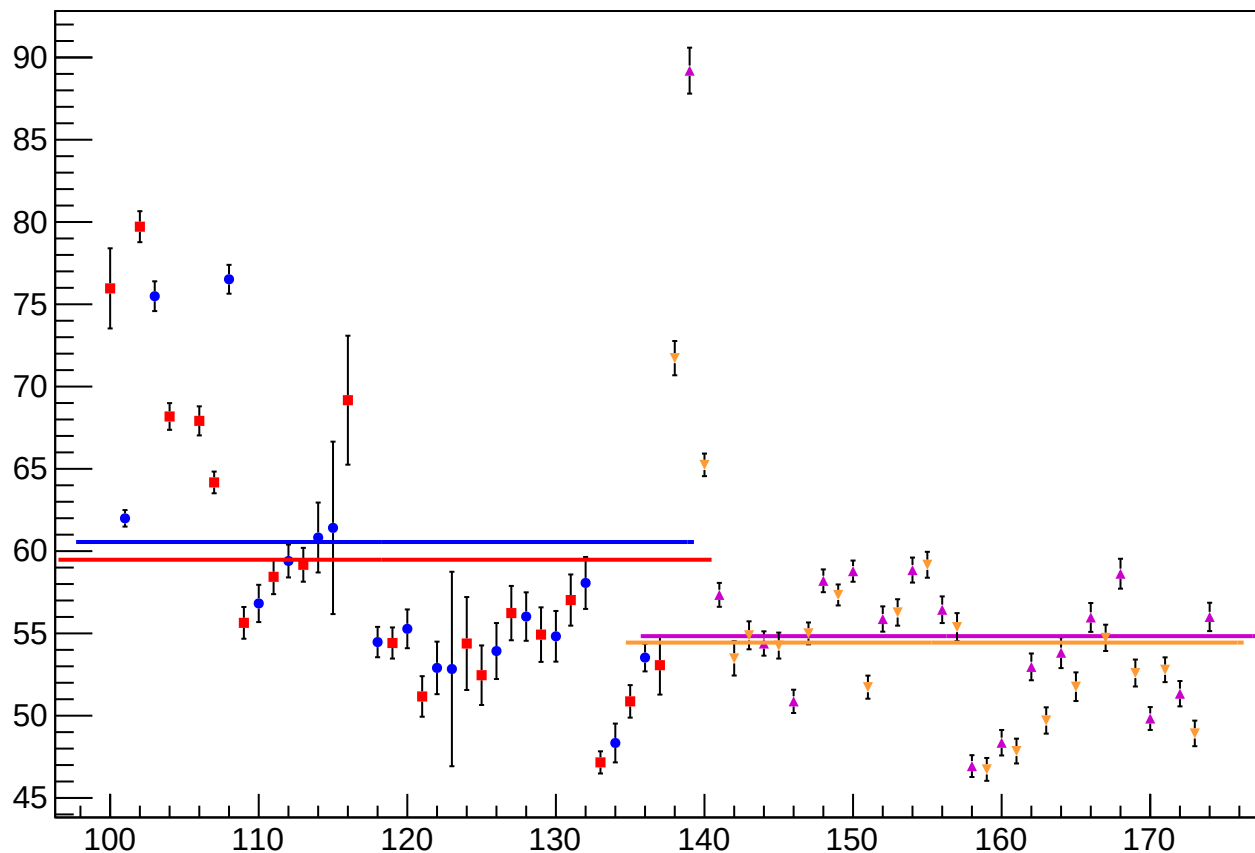
Left In: -3.858+/-0.240 χ^2/NDF : 909.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.707+/-0.171 χ^2/NDF : 1611.9/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 54.443 $\pm$ 0.178 χ^2 /NDF: 908.1/18

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

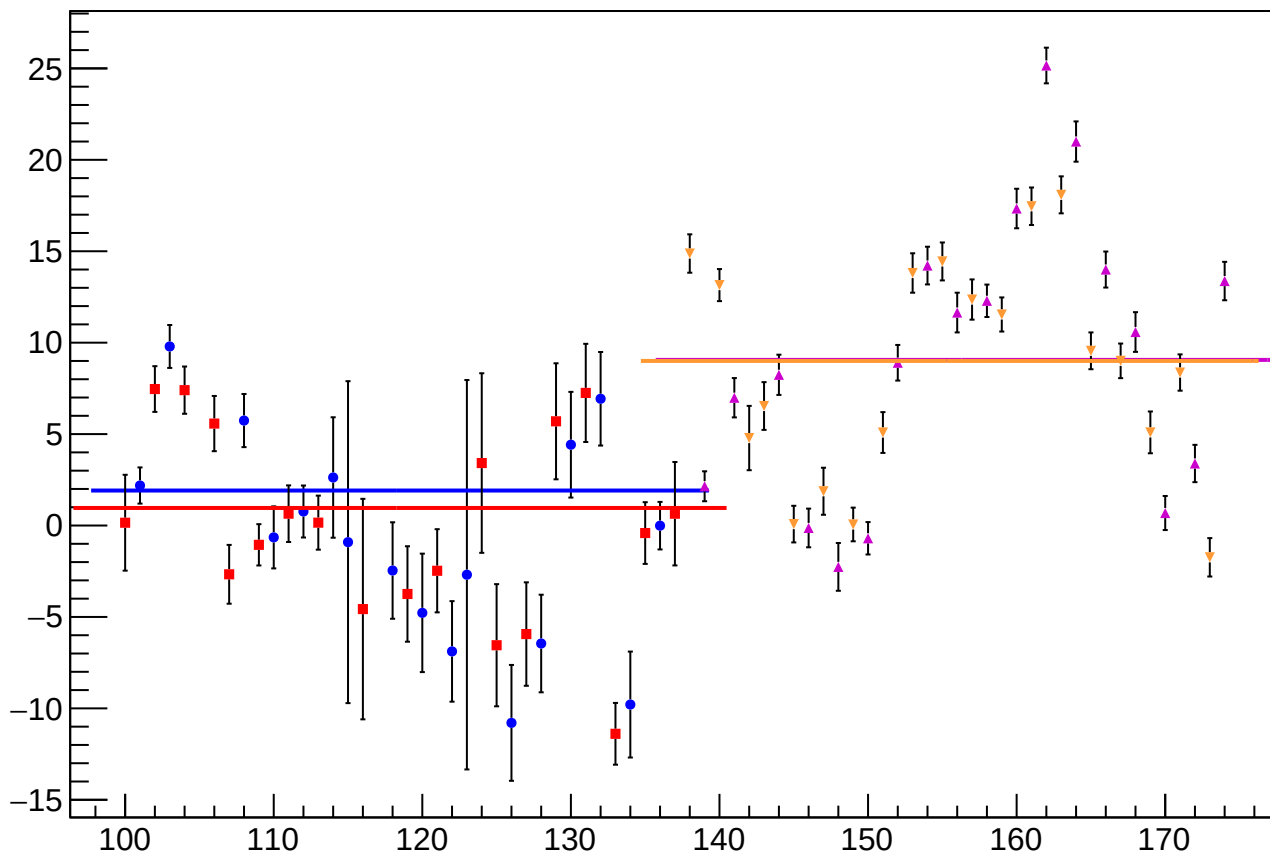
Left In: 54.834 $\pm$ 0.183 χ^2 /NDF: 1056.0/17

+ sign 56.381 $\pm$ 0.147 χ^2 /NDF: 2211.6/35

All: 56.426 $\pm$ 0.104 χ^2 /NDF: 4811.9/72

- sign 56.471 $\pm$ 0.147 χ^2 /NDF: 2600.2/36

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 9.001 ± 0.241 χ^2/NDF : 609.5/18

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

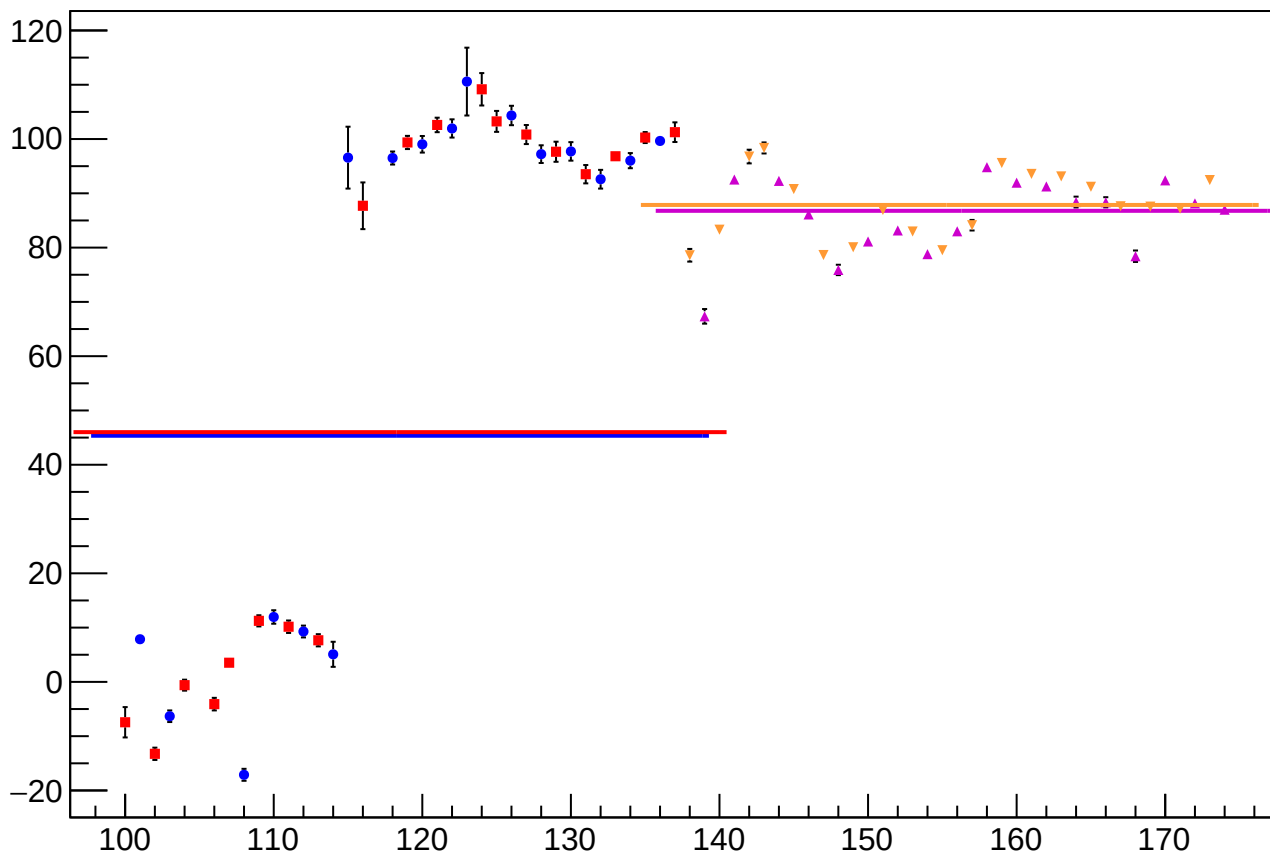
Left In: 9.058 ± 0.238 χ^2/NDF : 995.5/17

+ sign 7.461 ± 0.213 χ^2/NDF : 918.8/35

All: 7.286 ± 0.149 χ^2/NDF : 2342.3/72

- sign 7.121 ± 0.207 χ^2/NDF : 1422.2/36

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344+/-0.303 χ^2 /NDF: 25071.0/16

Left Out: 87.857+/-0.204 χ^2 /NDF:843.6/18

Right Out: 46.007+/-0.289 χ^2 /NDF: 28219.9/18

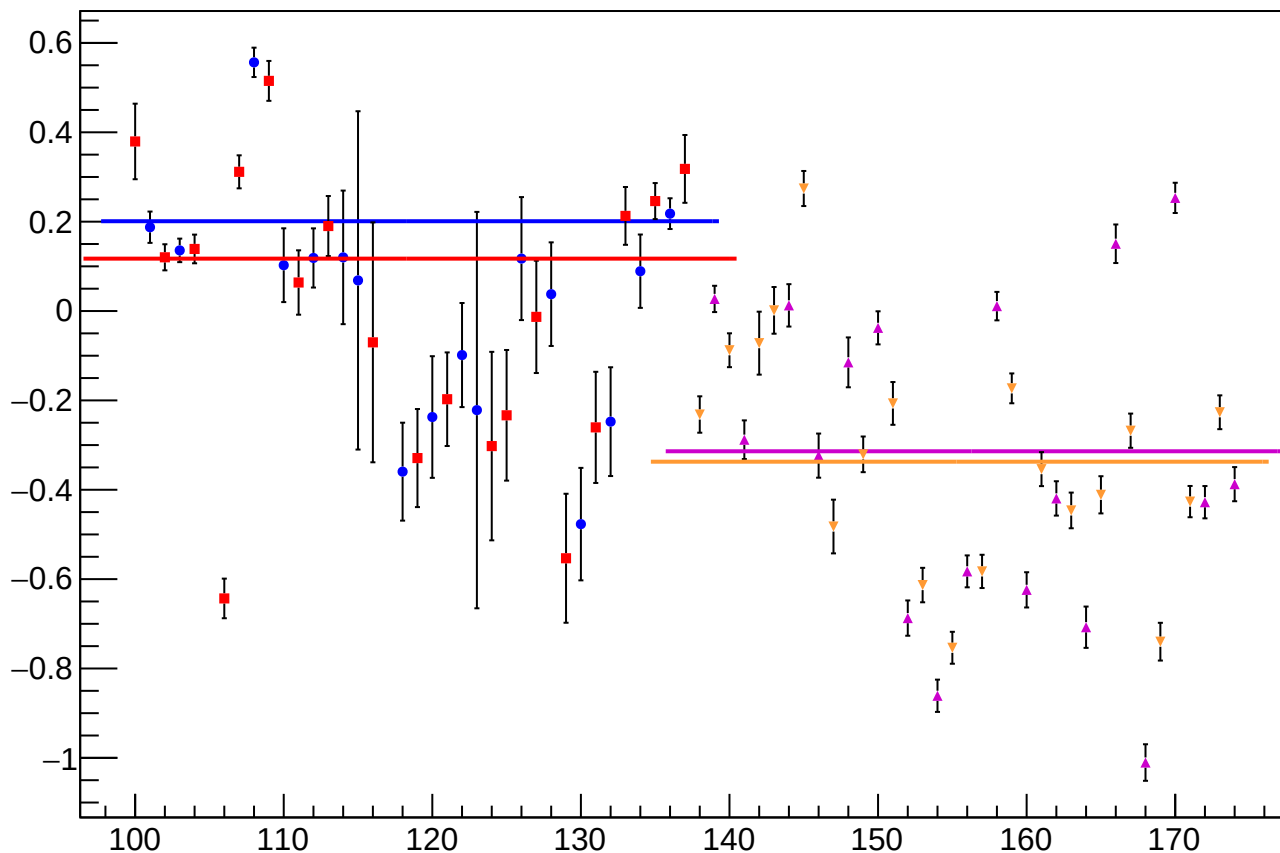
Left In: 86.776+/-0.207 χ^2 /NDF:920.4/17

+ sign 74.633+/-0.169 χ^2 /NDF: 39456.1/35

All: 73.808+/-0.119 χ^2 /NDF: 81773.2/72

- sign 72.991+/-0.168 χ^2 /NDF: 42269.8/36

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.337 ± 0.009 χ^2/NDF : 737.3/18

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

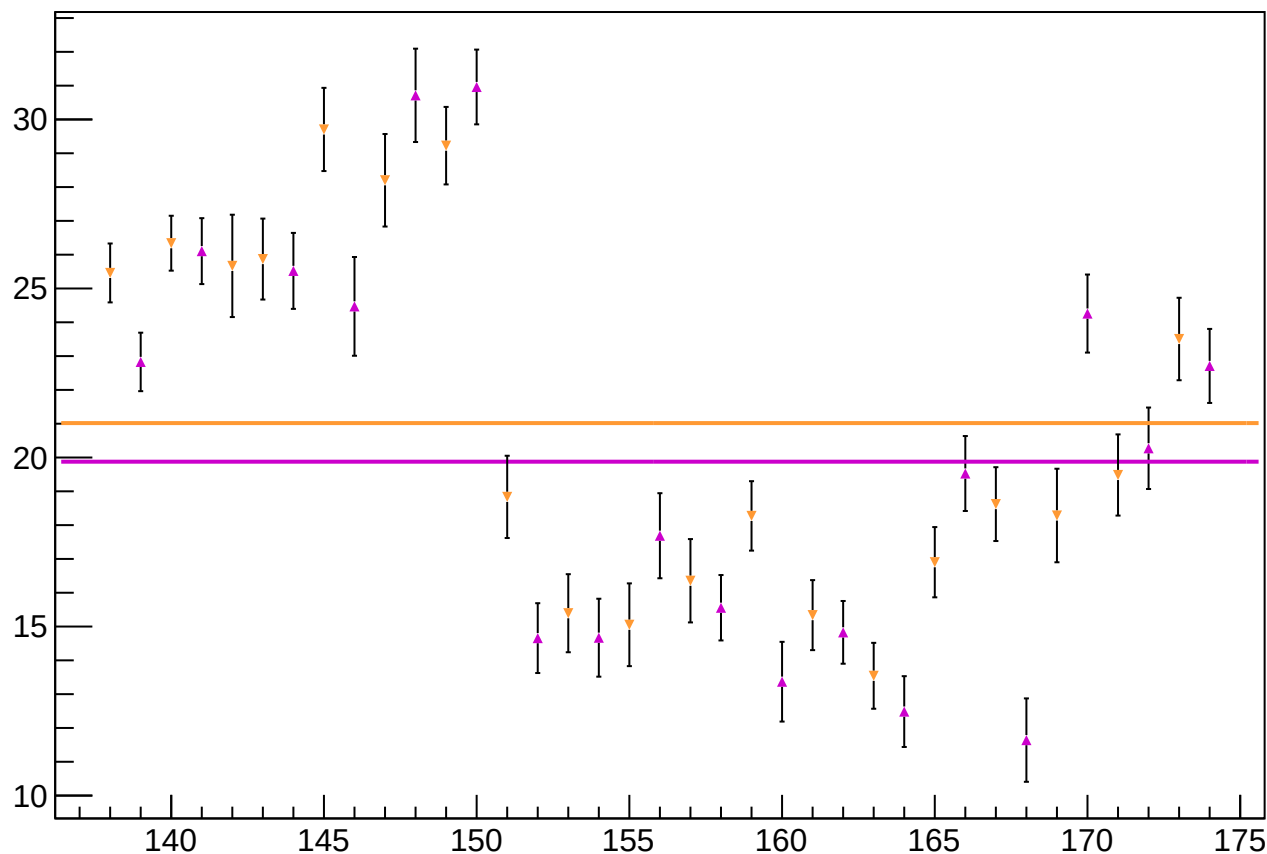
Left In: -0.314 ± 0.009 χ^2/NDF : 1572.5/17

+ sign -0.173 ± 0.008 χ^2/NDF : 1977.6/35

All: -0.173 ± 0.005 χ^2/NDF : 4785.9/72

- sign -0.172 ± 0.007 χ^2/NDF : 2808.3/36

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 21.018+/-0.256 χ^2/NDF : 414.7/18

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

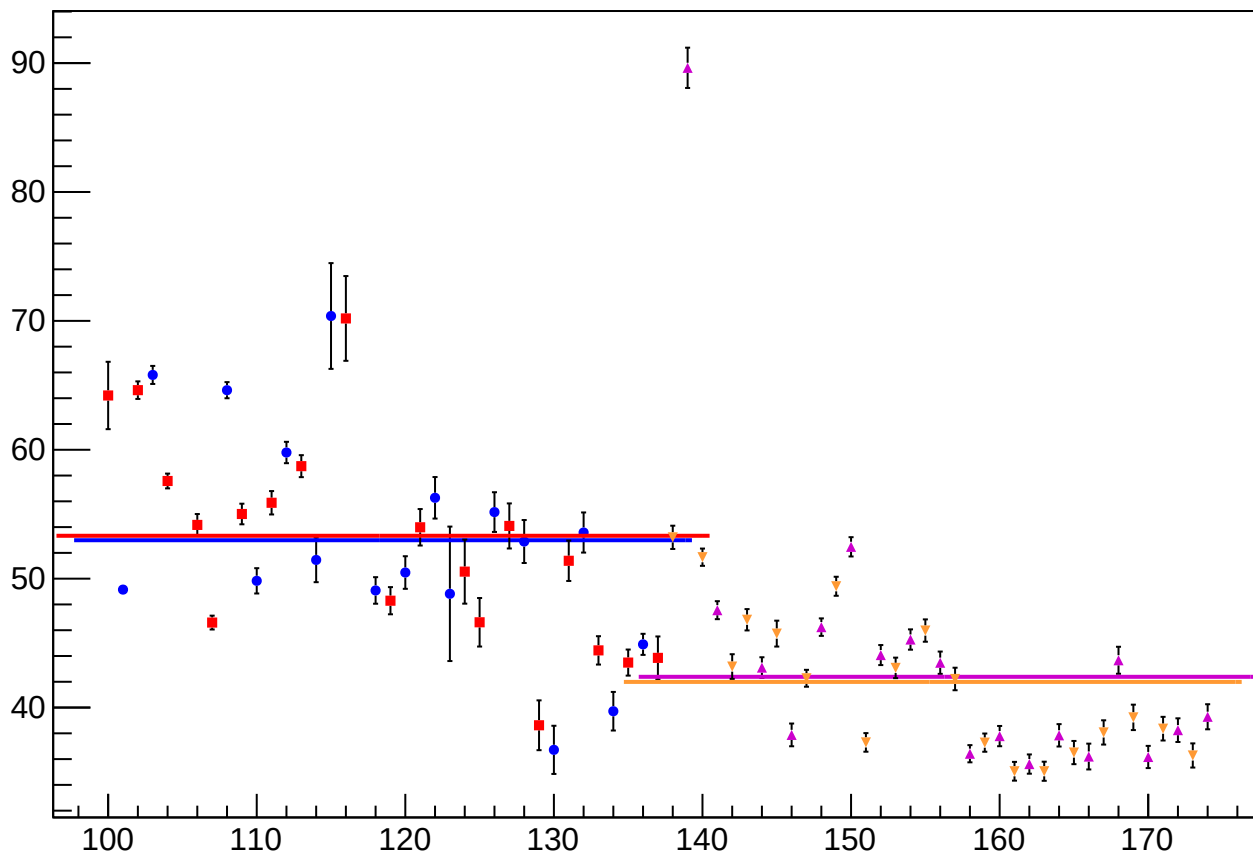
Left In: 19.877+/-0.259 χ^2/NDF : 494.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.454+/-0.182 χ^2/NDF : 918.8/36

- 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 $\chi^2/\text{NDF}: 1197.8/16$

Left Out: 41.989 ± 0.187 $\chi^2/\text{NDF}: 916.3/18$

Right Out: 53.328 ± 0.227 $\chi^2/\text{NDF}: 872.7/18$

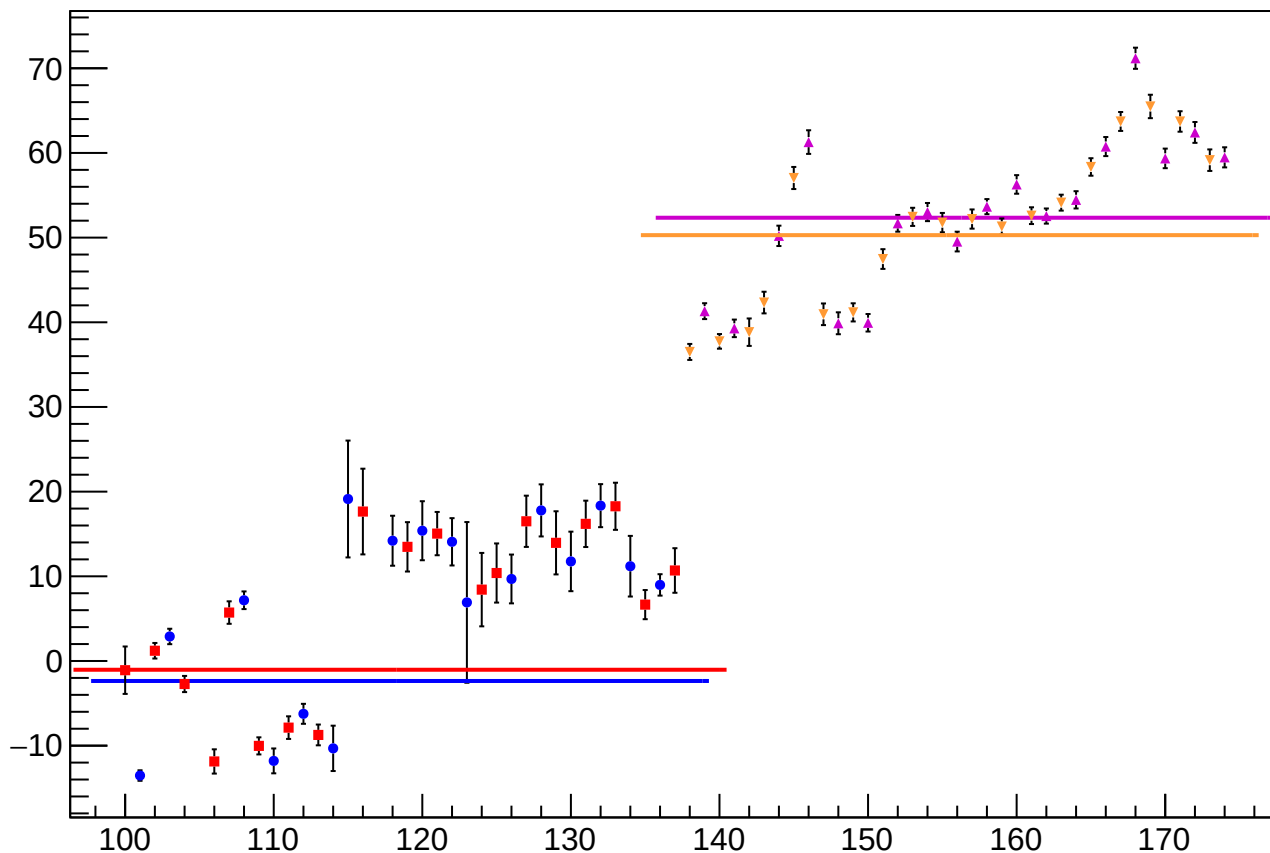
Left In: 42.385 ± 0.195 $\chi^2/\text{NDF}: 1575.0/17$

+ sign 46.834 ± 0.140 $\chi^2/\text{NDF}: 3643.8/35$

All: 46.929 ± 0.101 $\chi^2/\text{NDF}: 7432.6/72$

- sign 47.034 ± 0.148 $\chi^2/\text{NDF}: 3787.8/36$

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 50.291 ± 0.254 χ^2/NDF : 1200.3/18

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

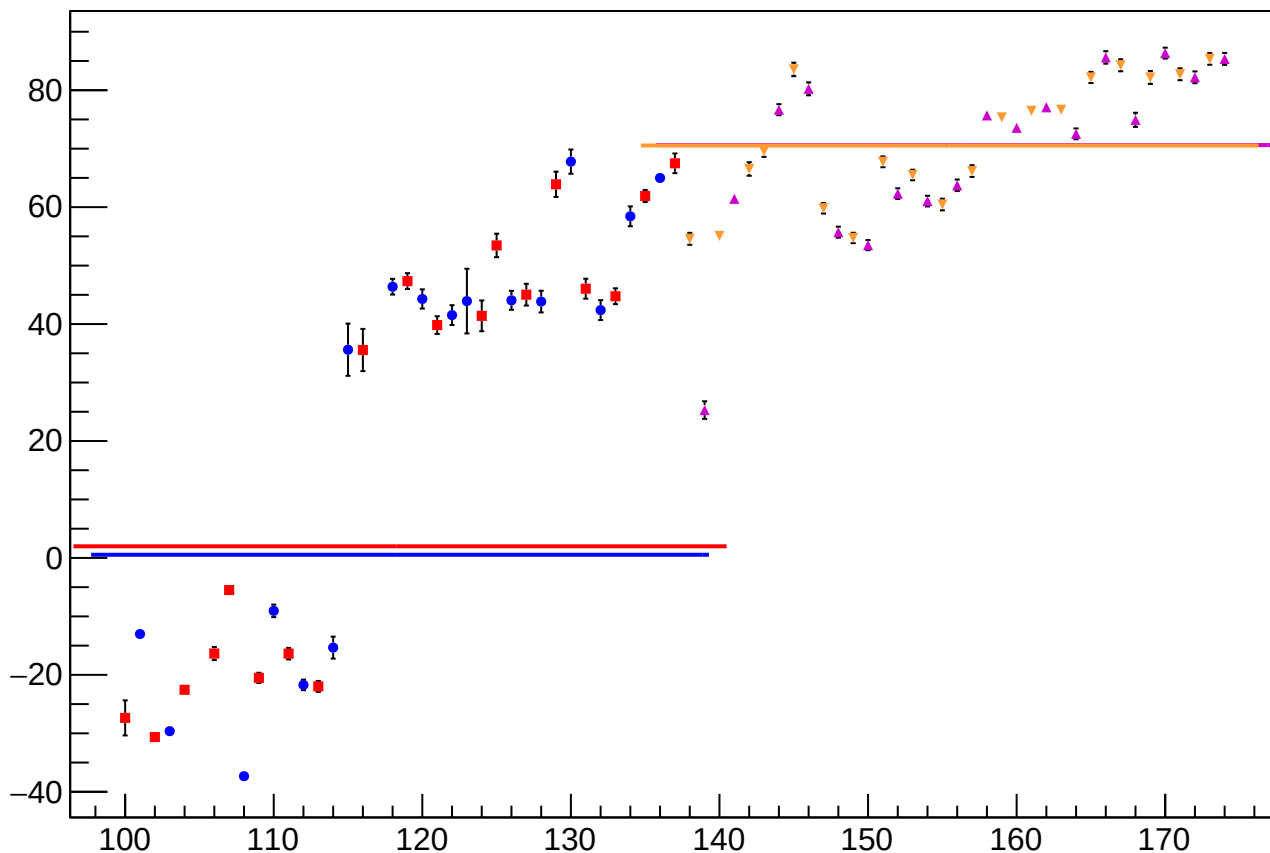
Left In: 52.347 ± 0.256 χ^2/NDF : 1027.3/17

+ sign 33.032 ± 0.208 χ^2/NDF : 16119.9/35

All: 34.253 ± 0.148 χ^2/NDF : 31458.9/72

- sign 35.514 ± 0.212 χ^2/NDF : 15269.1/36

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 70.540 ± 0.214 χ^2/NDF : 2328.3/18

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

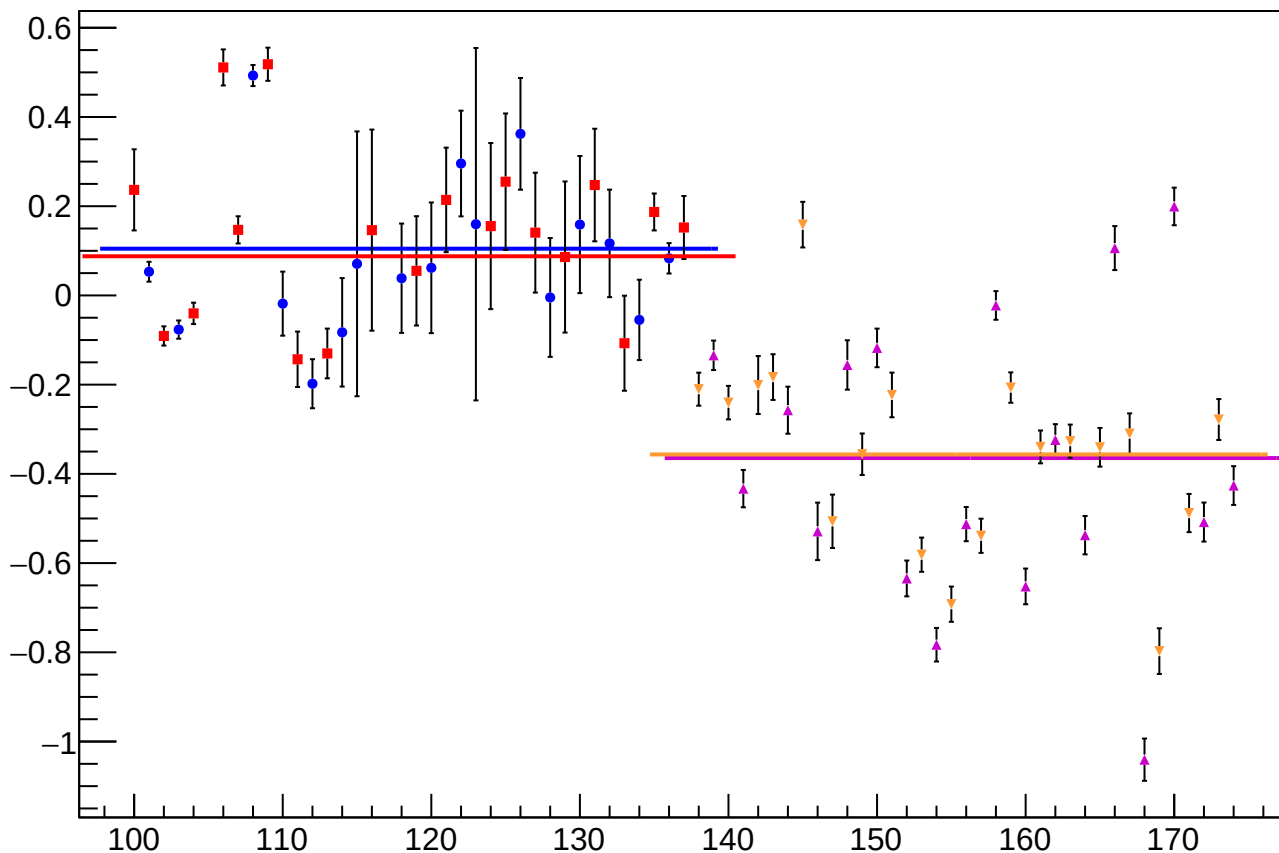
Left In: 70.615 ± 0.221 χ^2/NDF : 2991.3/17

+ sign 40.478 ± 0.162 χ^2/NDF : 66683.4/35

All: 41.528 ± 0.117 χ^2/NDF : 124560.1/72

- sign 42.689 ± 0.170 χ^2/NDF : 57788.0/36

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.356 ± 0.010 χ^2/NDF : 394.3/18

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

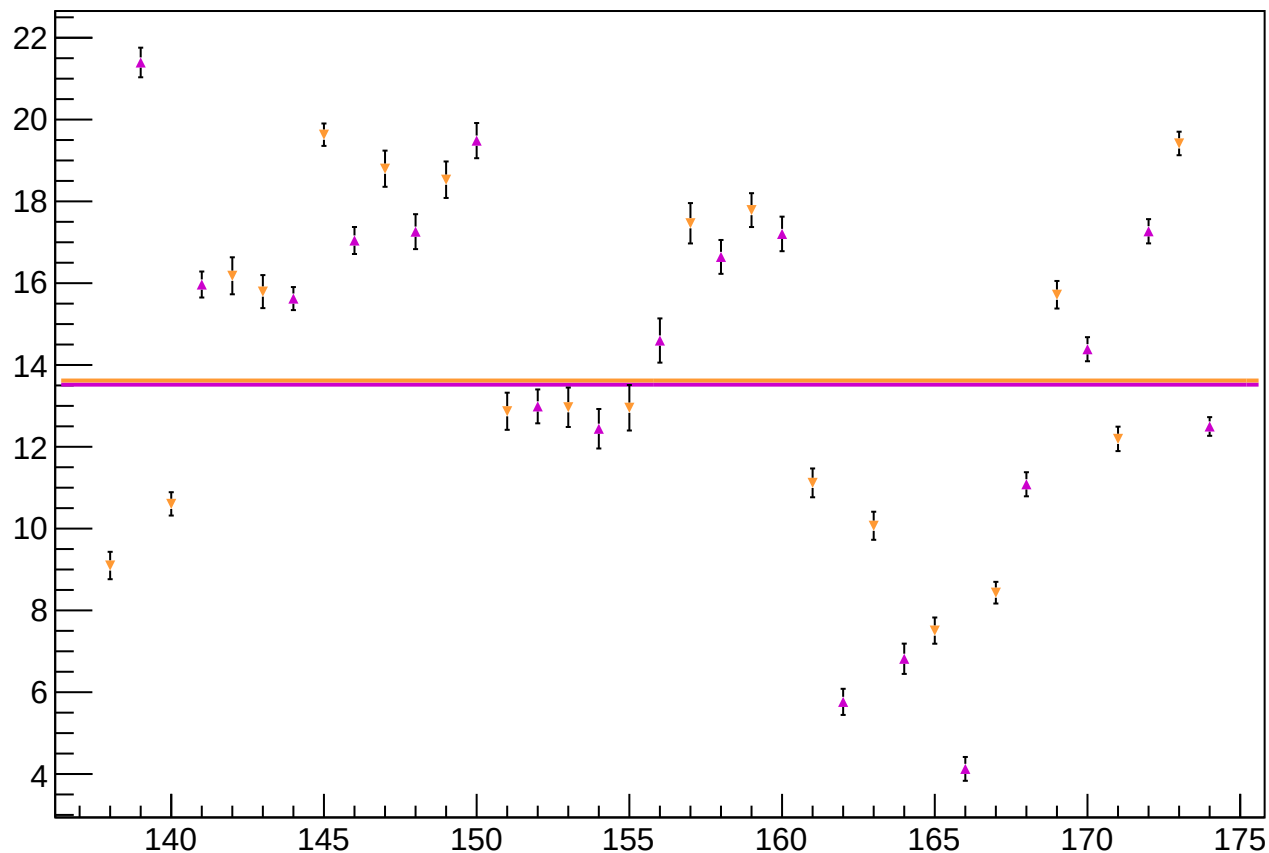
Left In: -0.365 ± 0.010 χ^2/NDF : 962.3/17

+ sign -0.152 ± 0.007 χ^2/NDF : 1768.4/35

All: -0.158 ± 0.005 χ^2/NDF : 4063.4/72

- sign -0.164 ± 0.007 χ^2/NDF : 2293.7/36

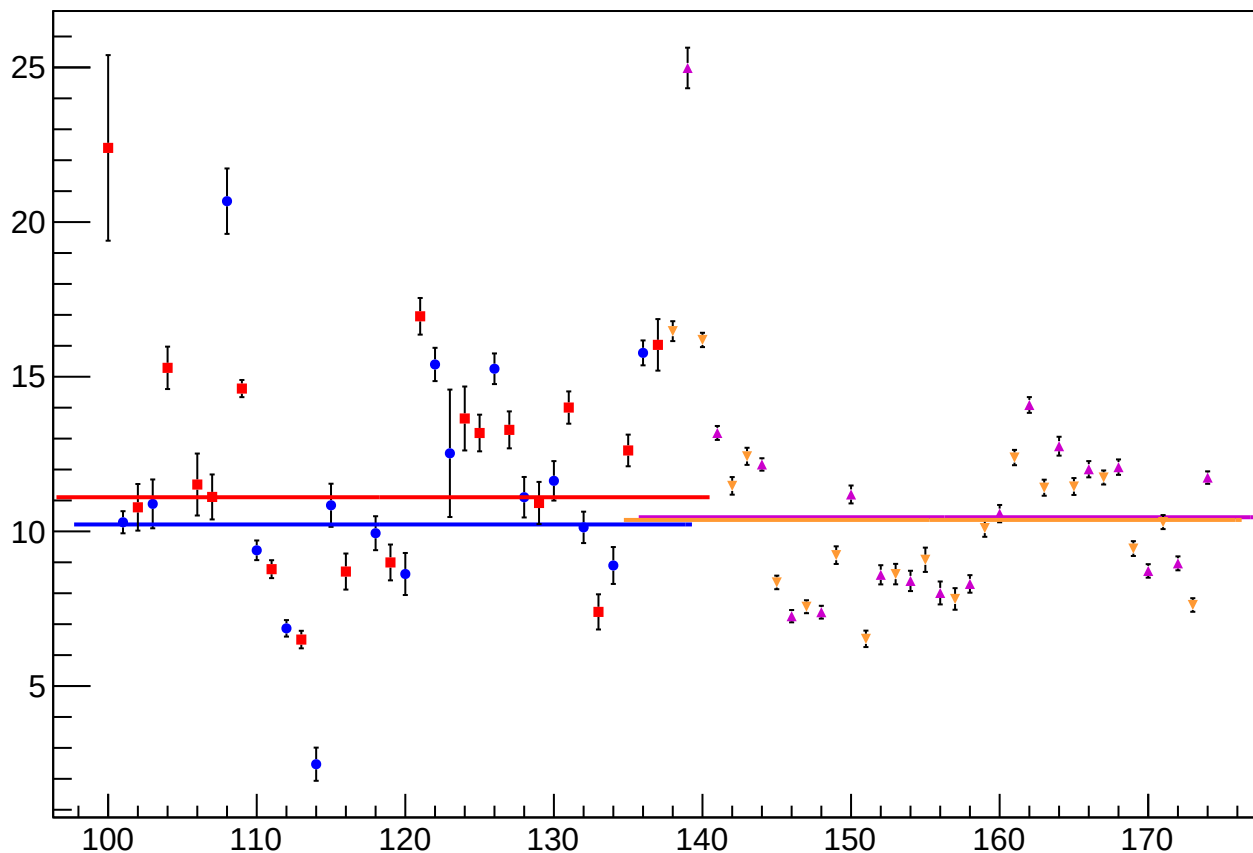
reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.620+/-0.081 χ^2/NDF : 2634.7/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 13.520+/-0.080 χ^2/NDF : 3329.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 13.569+/-0.057 χ^2/NDF : 5964.7/36
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 10.370 $\pm$ 0.060 χ^2 /NDF:1951.4/18

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

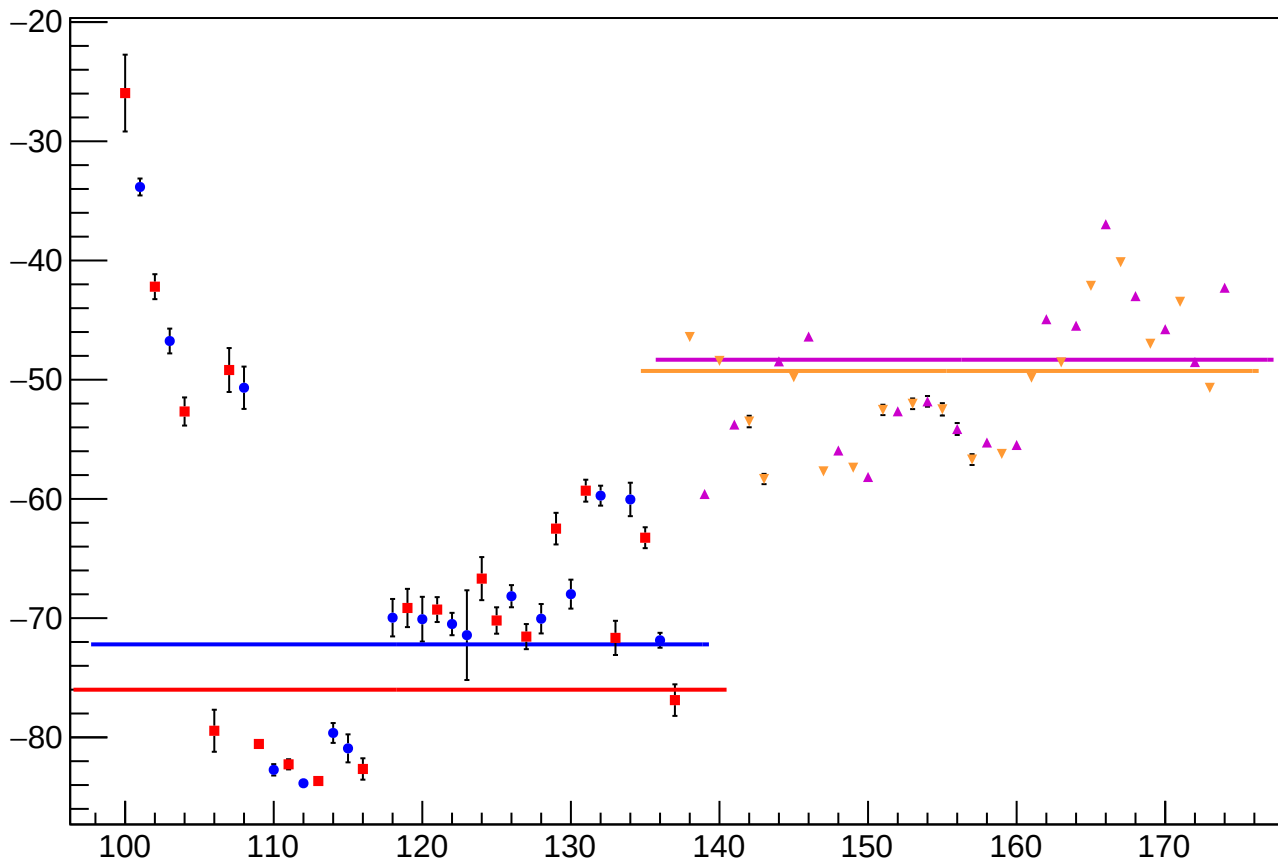
Left In: 10.457 $\pm$ 0.060 χ^2 /NDF:1852.9/17

+ sign 10.341 $\pm$ 0.053 χ^2 /NDF: 2830.2/35

All: 10.467 $\pm$ 0.038 χ^2 /NDF: 5535.9/72

- sign 10.592 $\pm$ 0.053 χ^2 /NDF: 2694.6/36

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 $\chi^2/\text{NDF}: 5566.9/16$

Left Out: -49.266 ± 0.082 $\chi^2/\text{NDF}: 4197.3/18$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.4/18$

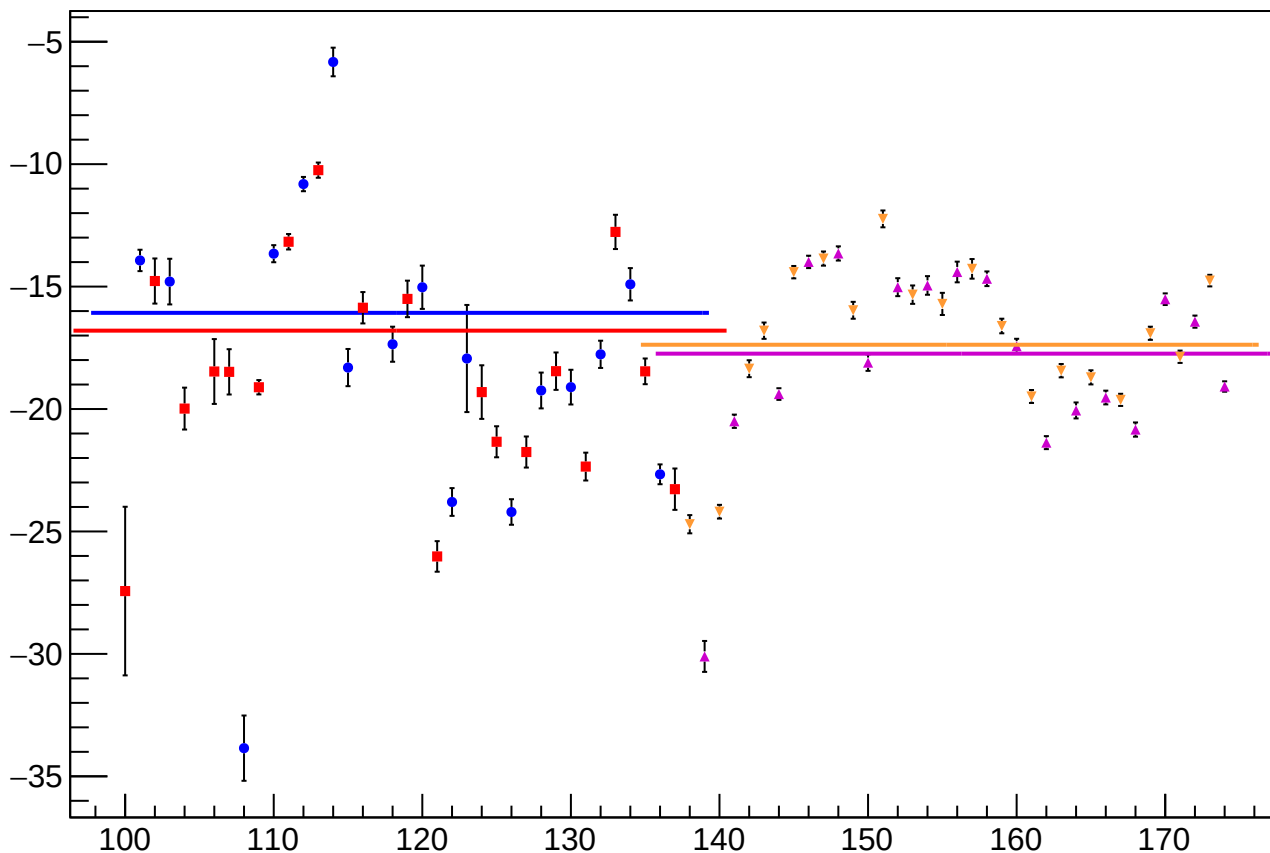
Left In: -48.324 ± 0.080 $\chi^2/\text{NDF}: 5705.9/17$

+ sign -52.619 ± 0.076 $\chi^2/\text{NDF}: 21255.8/35$

All: -52.731 ± 0.053 $\chi^2/\text{NDF}: 50018.8/72$

- sign -52.836 ± 0.073 $\chi^2/\text{NDF}: 28758.7/36$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 $\pm$ 0.132 χ^2 /NDF: 1640.9/16

Left Out: -17.375 $\pm$ 0.068 χ^2 /NDF:1937.1/18

Right Out: -16.799 $\pm$ 0.128 χ^2 /NDF: 1215.8/18

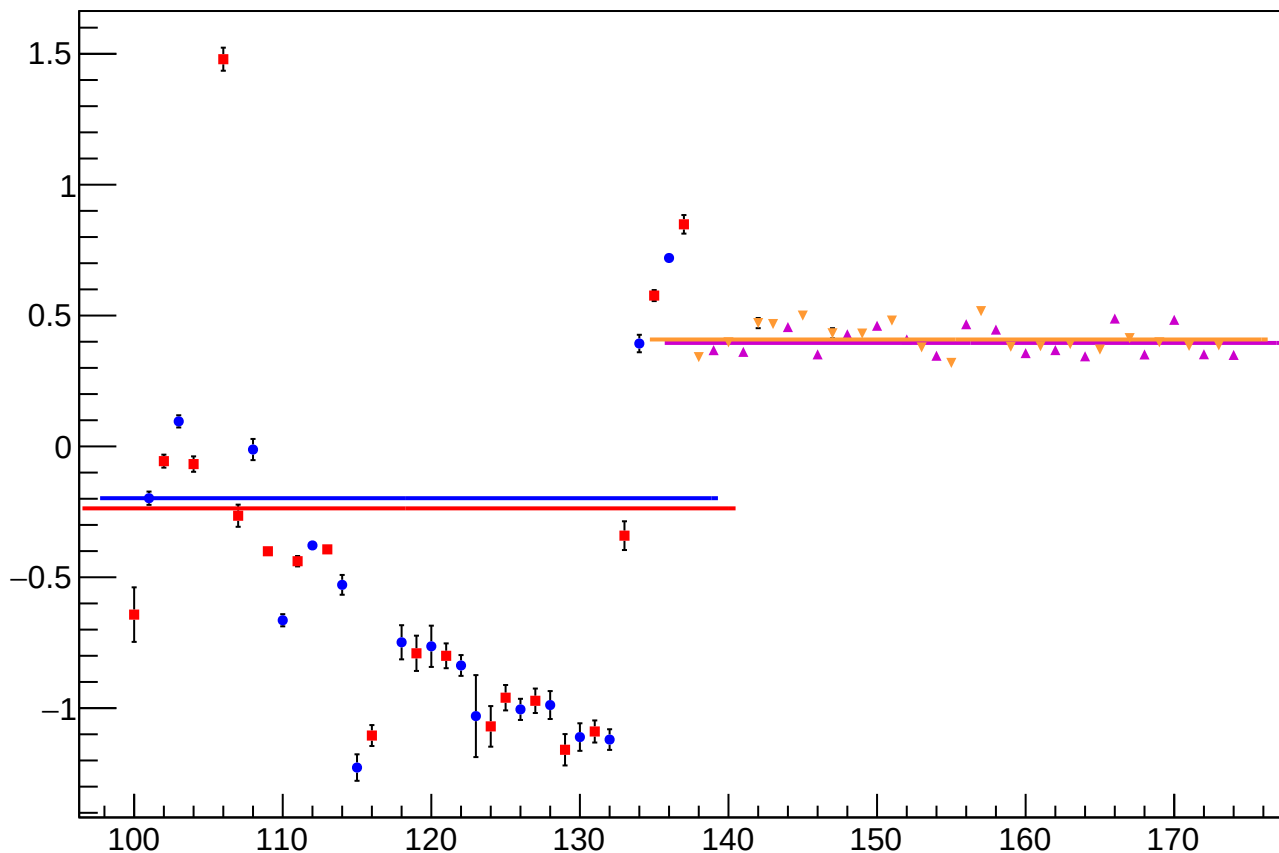
Left In: -17.739 $\pm$ 0.068 χ^2 /NDF:1776.6/17

+ sign -17.100 $\pm$ 0.061 χ^2 /NDF: 3654.7/35

All: -17.318 $\pm$ 0.043 χ^2 /NDF: 6714.6/72

- sign -17.532 $\pm$ 0.060 χ^2 /NDF: 3034.3/36

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.409 ± 0.003 χ^2/NDF : 233.7/18

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

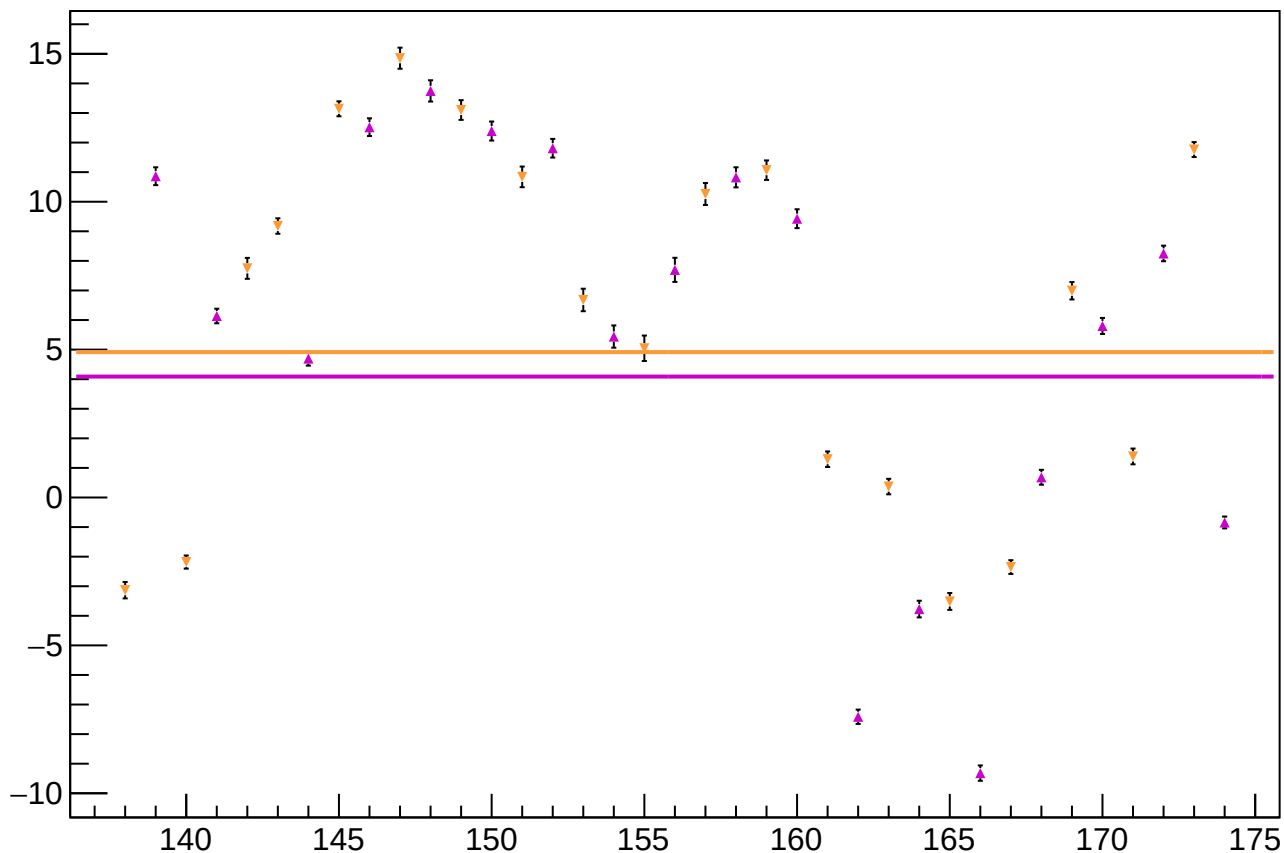
Left In: 0.395 ± 0.003 χ^2/NDF : 301.3/17

+ sign 0.317 ± 0.003 χ^2/NDF : 12071.7/35

All: 0.306 ± 0.002 χ^2/NDF : 25168.7/72

- sign 0.296 ± 0.003 χ^2/NDF : 13069.6/36

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 4.916 $\pm$ 0.066 χ^2 /NDF:8790.2/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

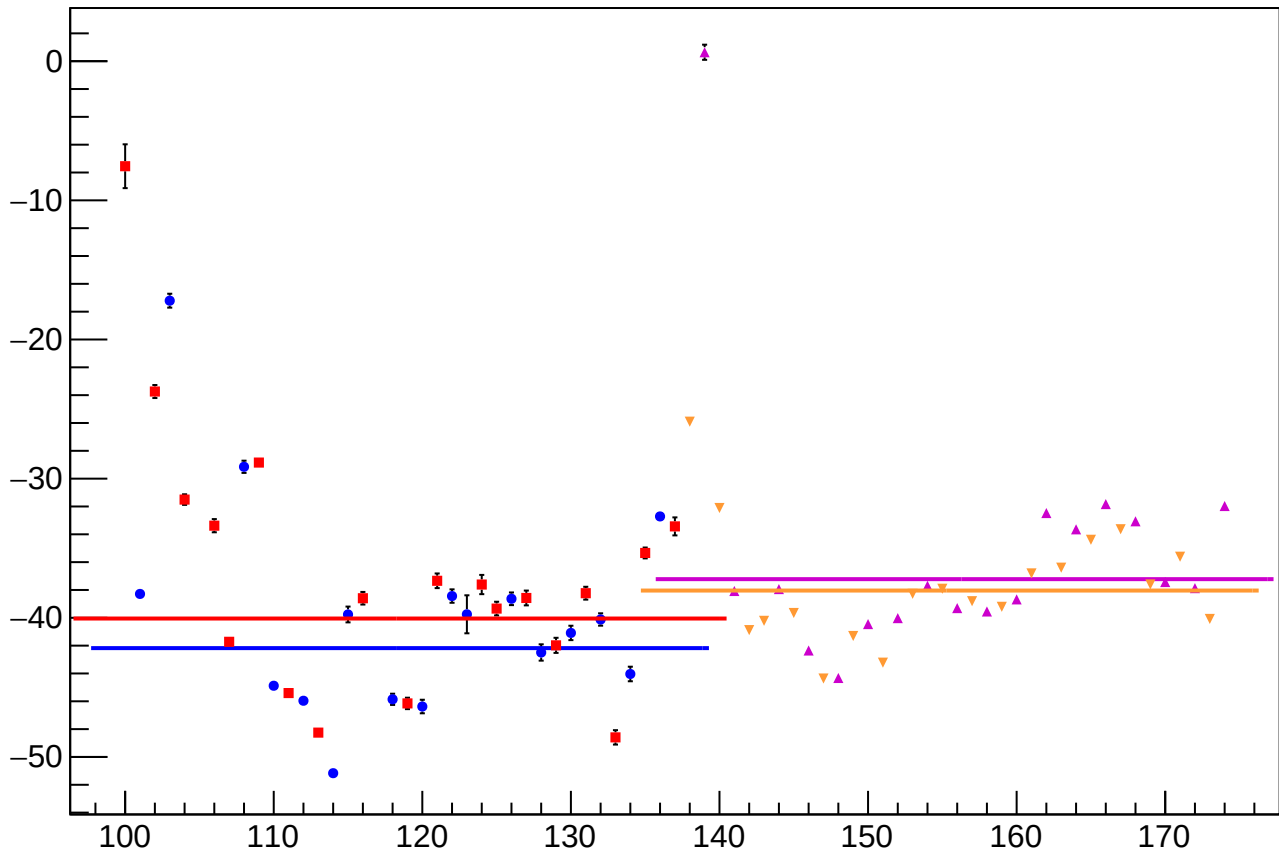
Left In: 4.089 $\pm$ 0.066 χ^2 /NDF:10893.7/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.500 $\pm$ 0.047 χ^2 /NDF: 19761.7/36

- sign 0.000 $\pm$ 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: -38.041 ± 0.048 χ^2/NDF : 6844.3/18

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

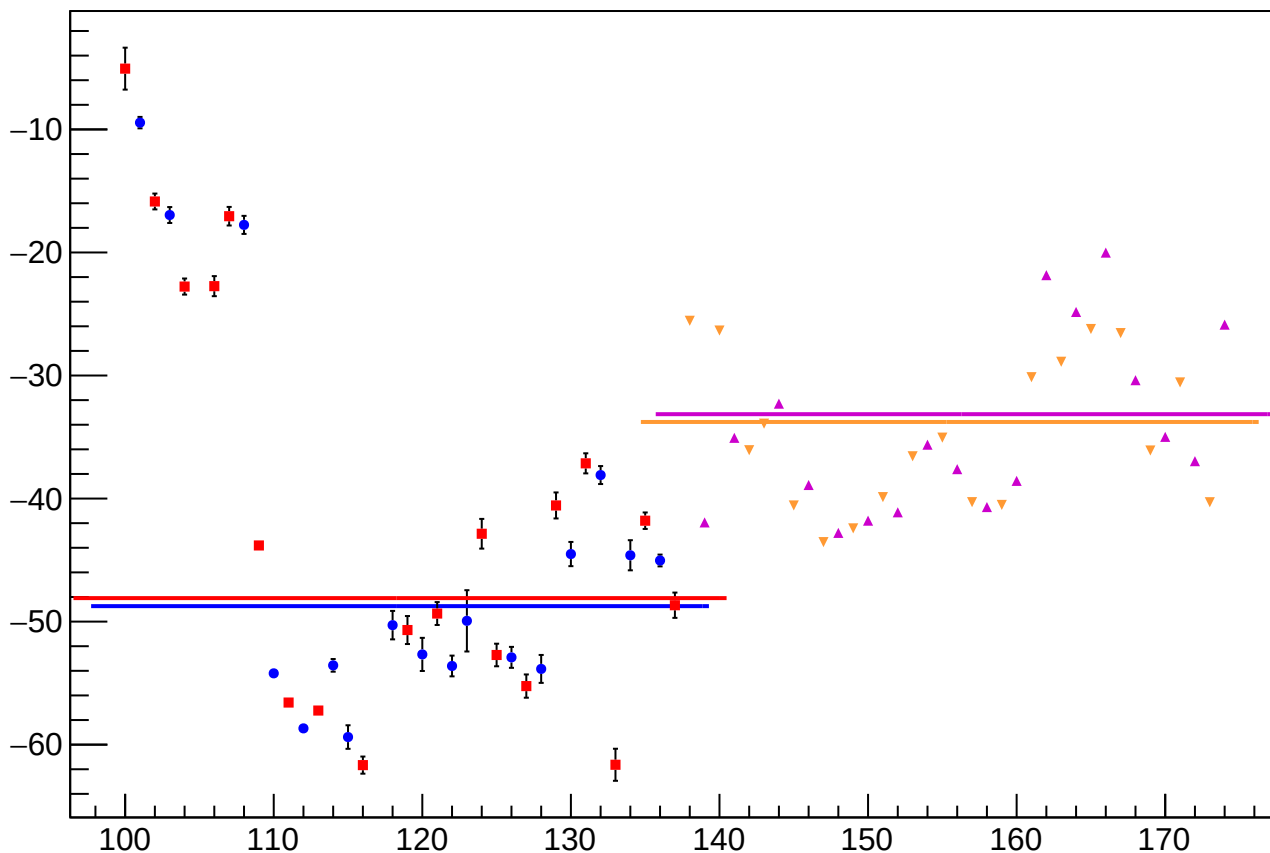
Left In: -37.222 ± 0.050 χ^2/NDF : 10467.7/17

+ sign -39.194 ± 0.041 χ^2/NDF : 15460.2/35

All: -38.657 ± 0.029 χ^2/NDF : 38615.2/72

- sign -38.121 ± 0.041 χ^2/NDF : 22812.9/36

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -33.775 ± 0.067 $\chi^2/\text{NDF}: 8323.1/18$

Right Out: -48.091 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

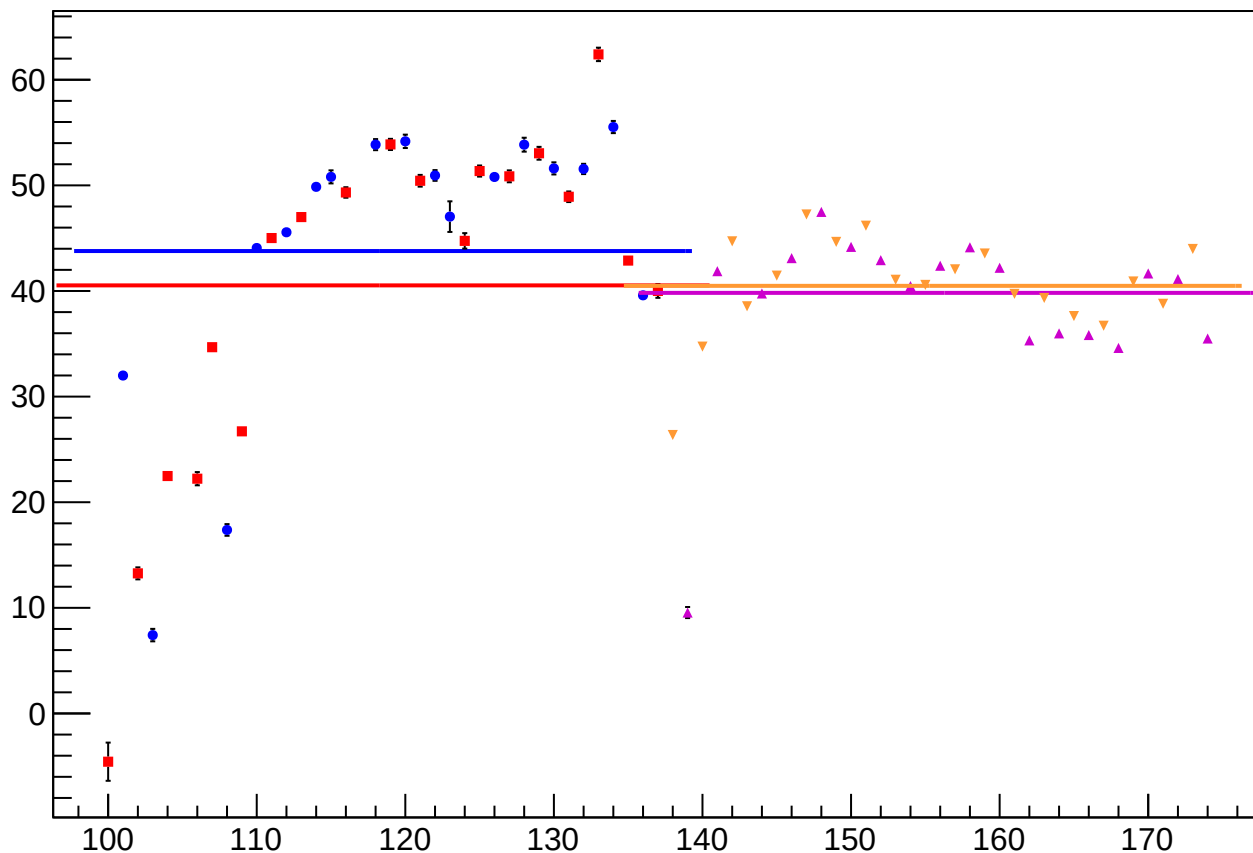
Left In: -33.142 ± 0.066 $\chi^2/\text{NDF}: 11844.4/17$

+ sign -37.108 ± 0.059 $\chi^2/\text{NDF}: 34230.4/35$

All: -37.189 ± 0.041 $\chi^2/\text{NDF}: 71888.5/72$

- sign -37.264 ± 0.056 $\chi^2/\text{NDF}: 37654.4/36$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.487 $\pm$ 0.055 χ^2 /NDF: 5656.7/18

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

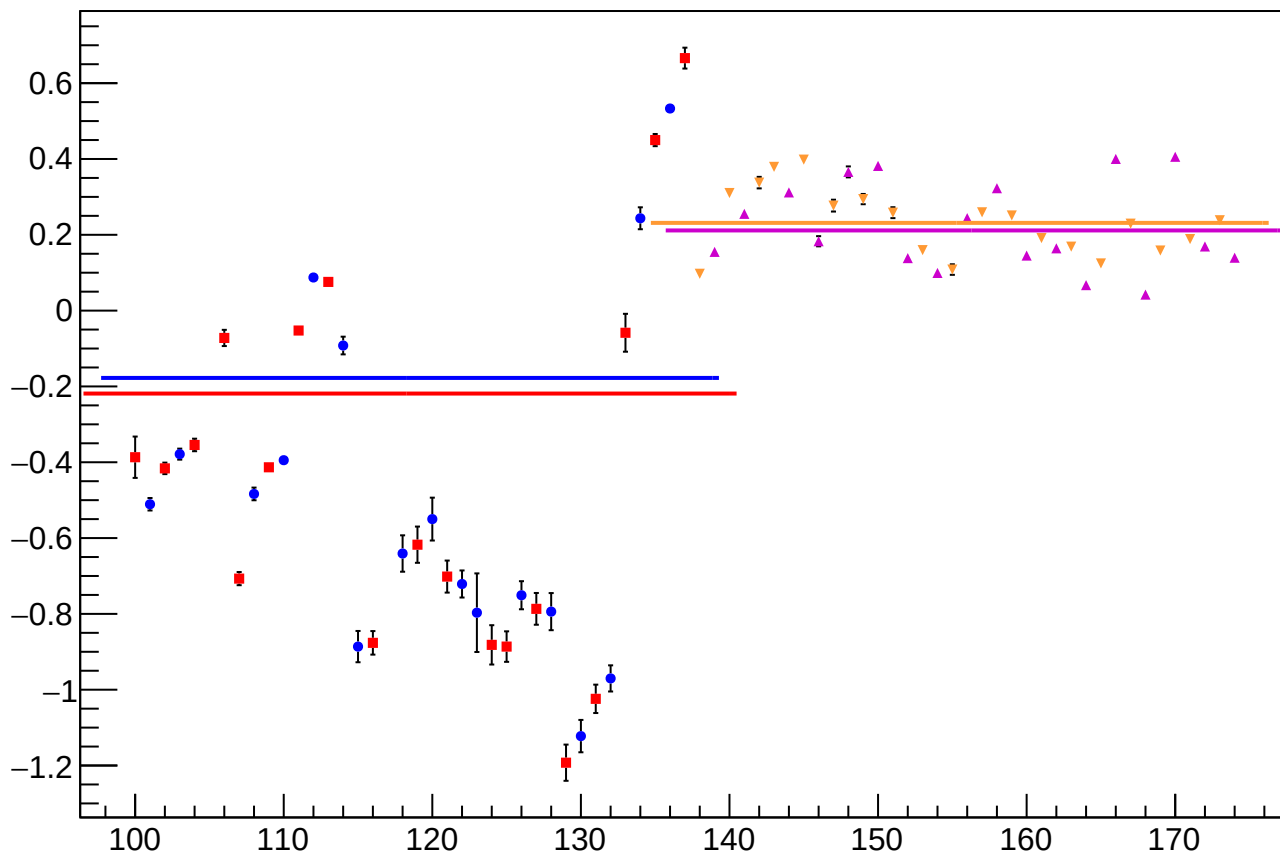
Left In: 39.822 $\pm$ 0.056 χ^2 /NDF: 7583.0/17

+ sign 41.446 $\pm$ 0.047 χ^2 /NDF: 17321.3/35

All: 40.743 $\pm$ 0.033 χ^2 /NDF: 42984.4/72

- sign 40.057 $\pm$ 0.046 χ^2 /NDF: 25215.9/36

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.231 ± 0.003 χ^2/NDF : 1016.5/18

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

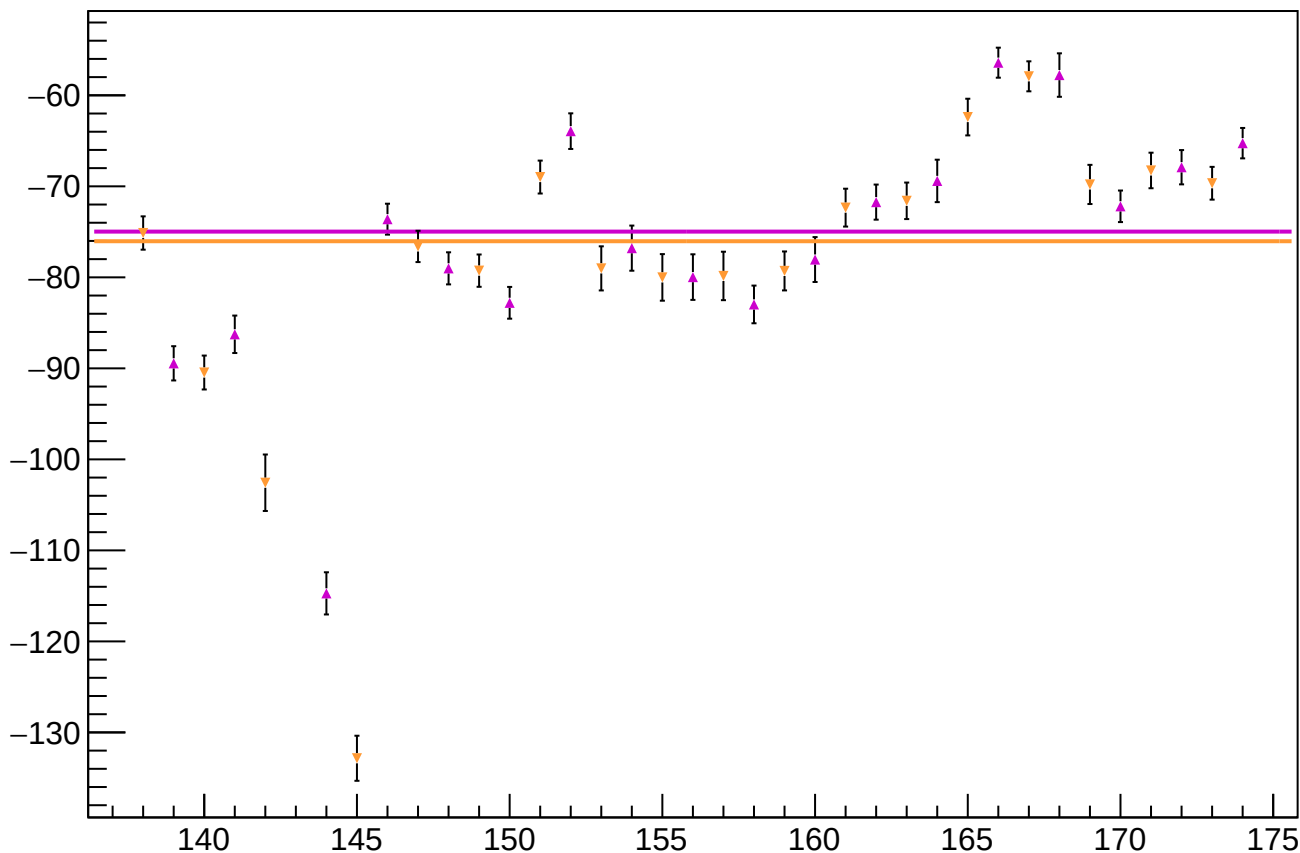
Left In: 0.212 ± 0.003 χ^2/NDF : 1922.6/17

+ sign 0.140 ± 0.002 χ^2/NDF : 13952.7/35

All: 0.119 ± 0.002 χ^2/NDF : 30900.2/72

- sign 0.098 ± 0.002 χ^2/NDF : 16773.2/36

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -76.032 $\pm$ 0.478 χ^2 /NDF:898.4/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

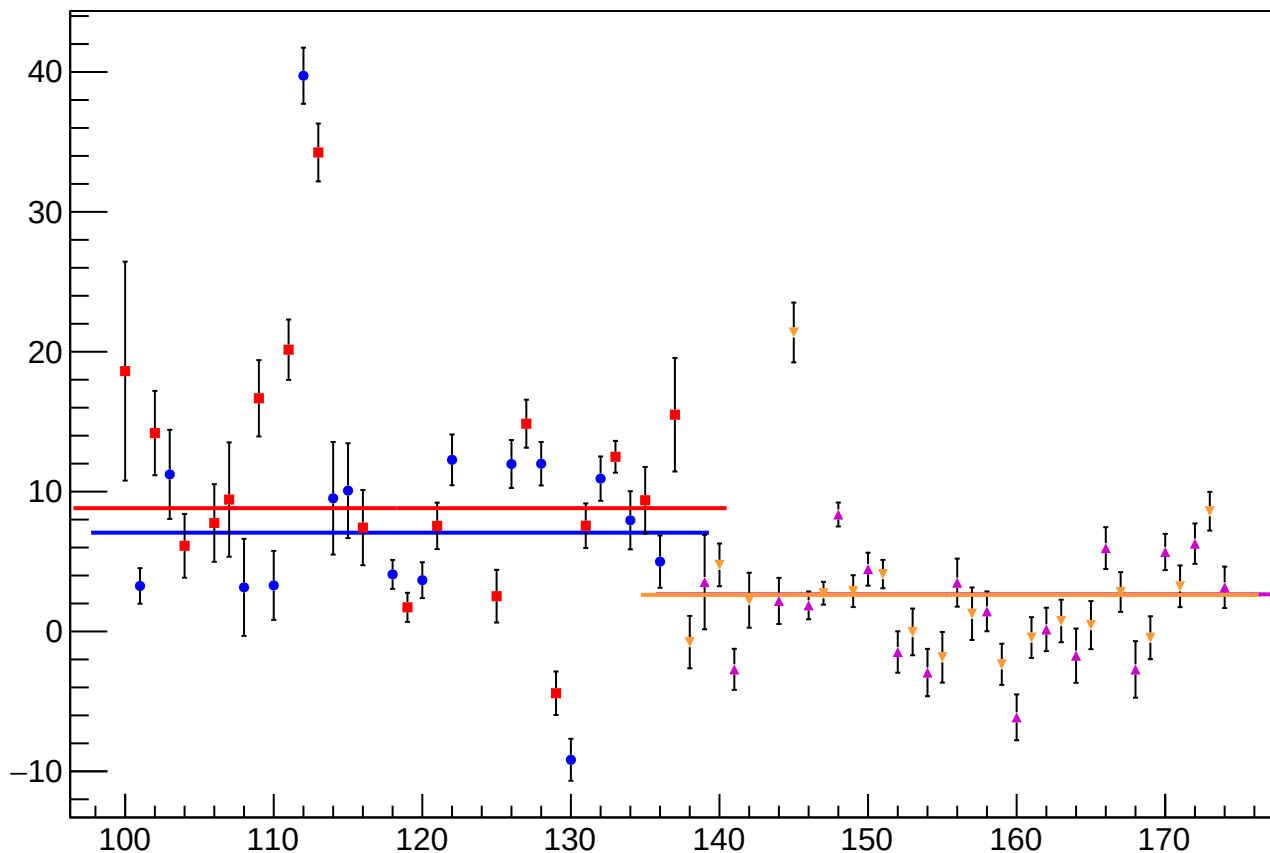
Left In: -74.974 $\pm$ 0.464 χ^2 /NDF:699.6/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -75.487 $\pm$ 0.333 χ^2 /NDF: 1600.5/35

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 ± 0.434 χ^2/NDF : 446.9/15

Left Out: 2.618 ± 0.334 χ^2/NDF : 135.1/17

Right Out: 8.816 ± 0.449 χ^2/NDF : 350.4/17

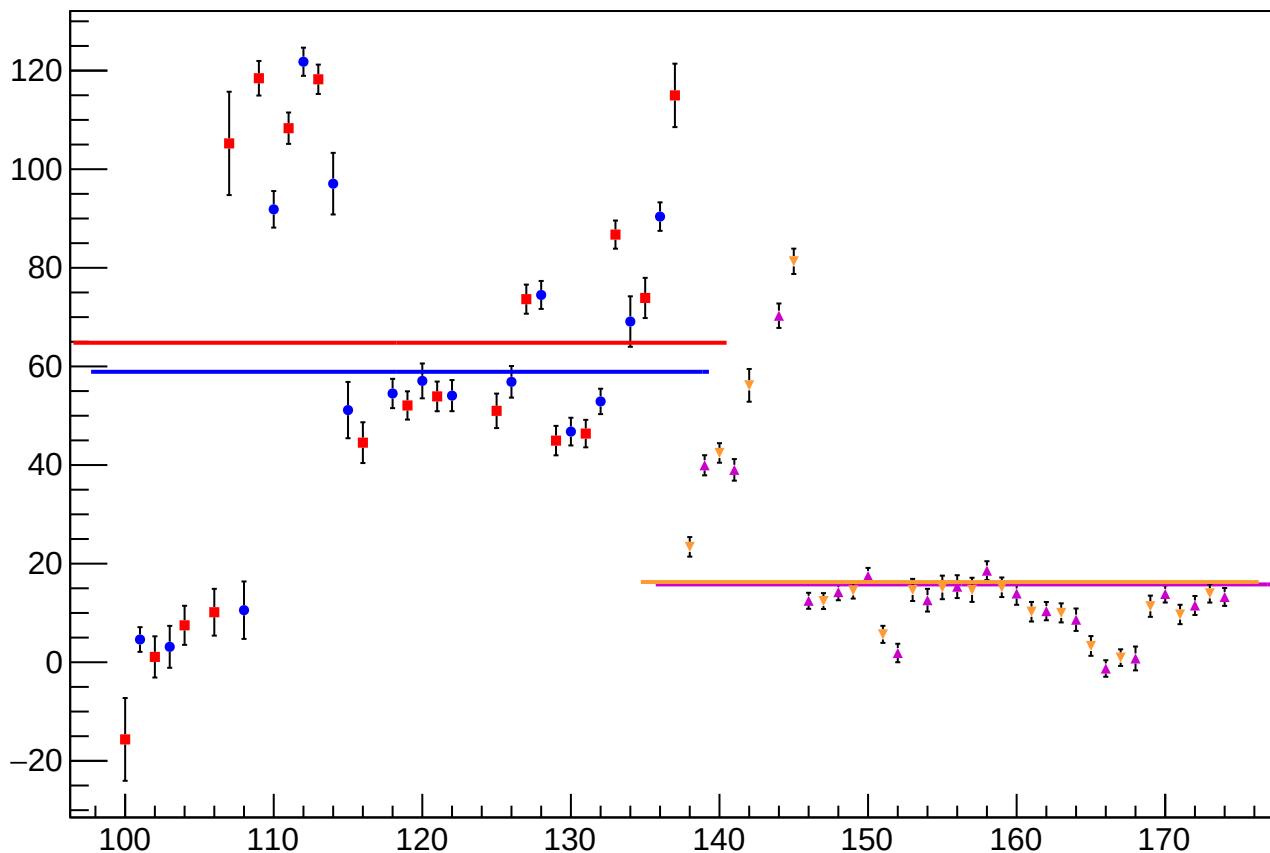
Left In: 2.655 ± 0.334 χ^2/NDF : 140.9/17

+ sign 4.271 ± 0.264 χ^2/NDF : 648.0/33

All: 4.558 ± 0.188 χ^2/NDF : 1262.8/69

- sign 4.854 ± 0.268 χ^2/NDF : 612.3/35

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 ± 0.831 χ^2/NDF : 1496.7/15

Left Out: 16.270 ± 0.471 χ^2/NDF : 1180.6/17

Right Out: 64.803 ± 0.840 χ^2/NDF : 1718.2/17

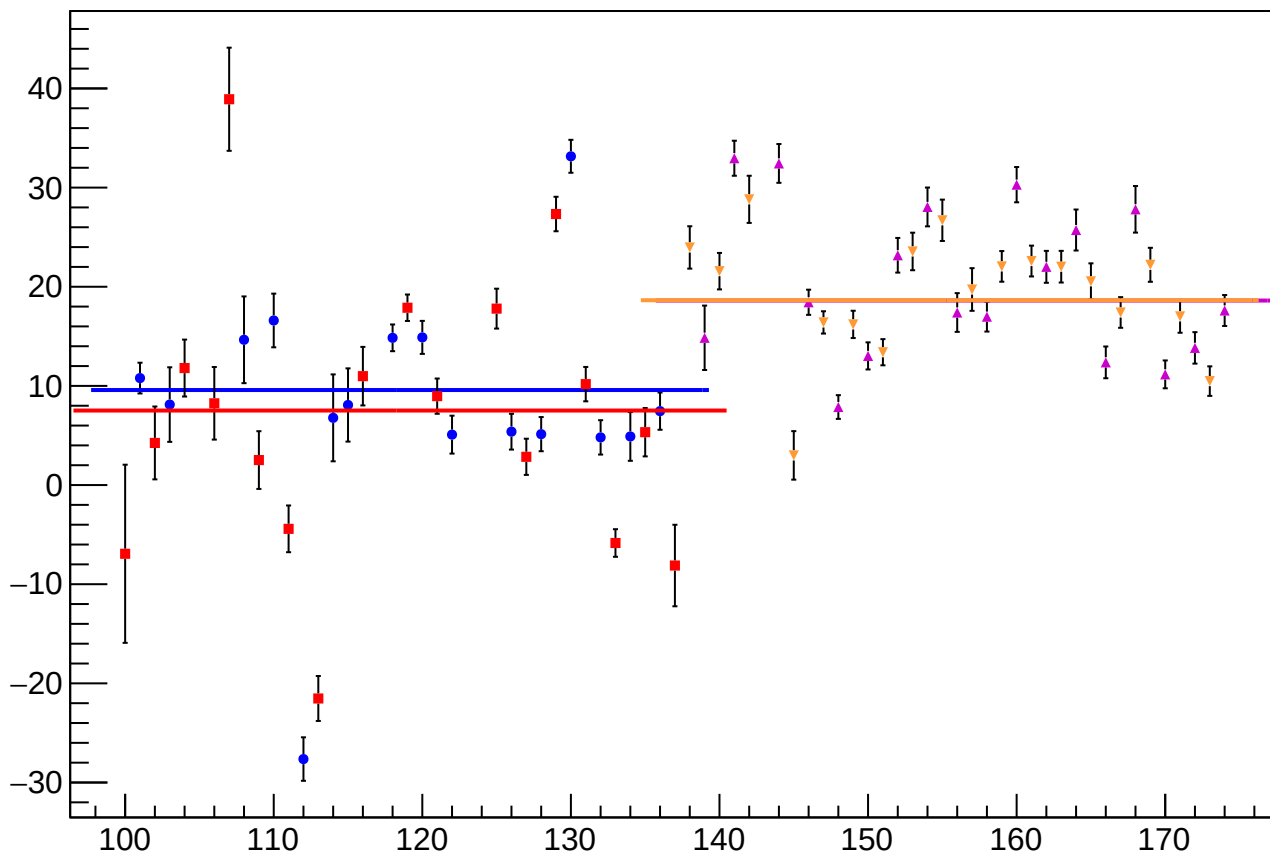
Left In: 15.786 ± 0.458 χ^2/NDF : 971.0/17

+ sign 26.625 ± 0.410 χ^2/NDF : 4669.1/33

All: 26.821 ± 0.287 χ^2/NDF : 9982.6/69

- sign 27.009 ± 0.402 χ^2/NDF : 5313.0/35

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 18.641 ± 0.390 χ^2/NDF : 165.7/17

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

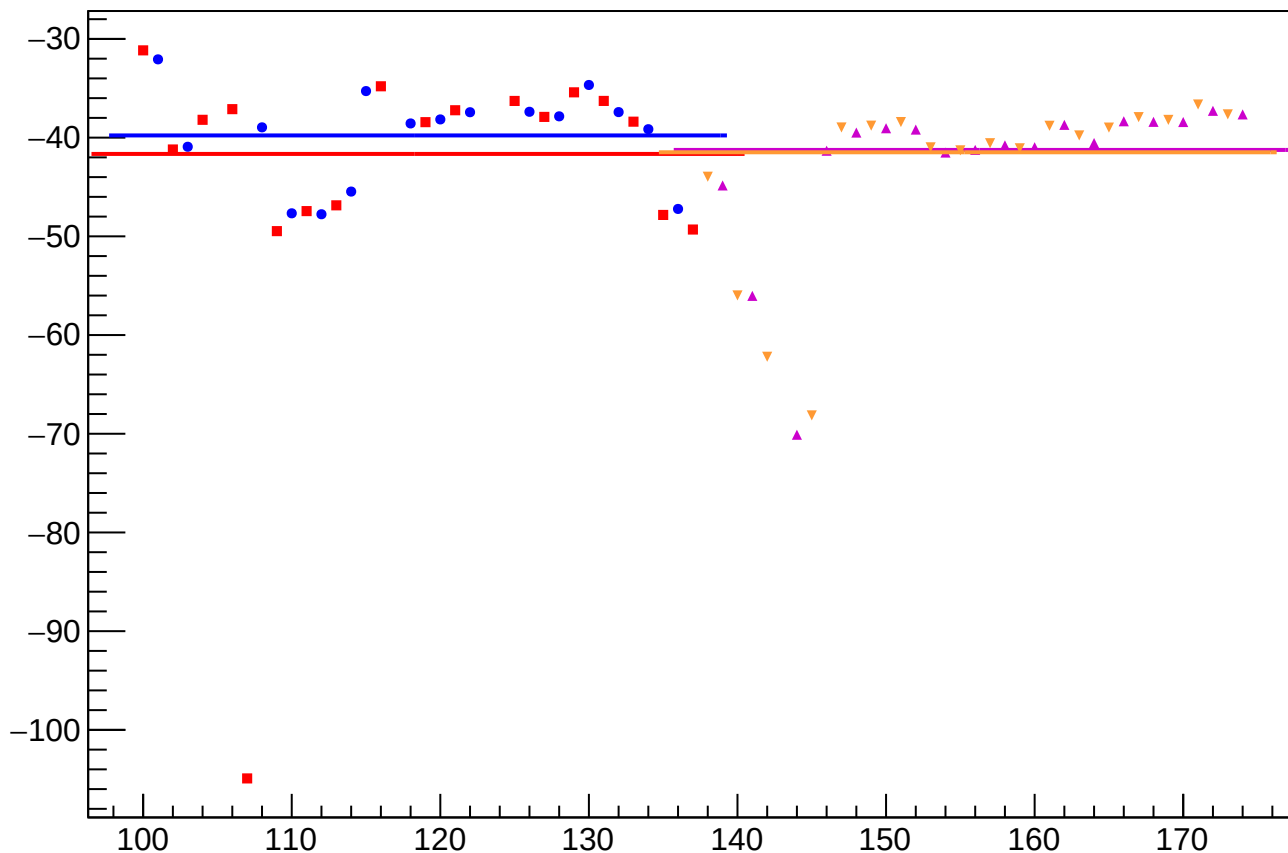
Left In: 18.609 ± 0.388 χ^2/NDF : 373.8/17

+ sign 15.226 ± 0.308 χ^2/NDF : 923.7/33

All: 14.916 ± 0.218 χ^2/NDF : 2164.9/69

- sign 14.601 ± 0.310 χ^2/NDF : 1239.2/35

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -41.484 ± 0.018 χ^2/NDF : 141355.8/17

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

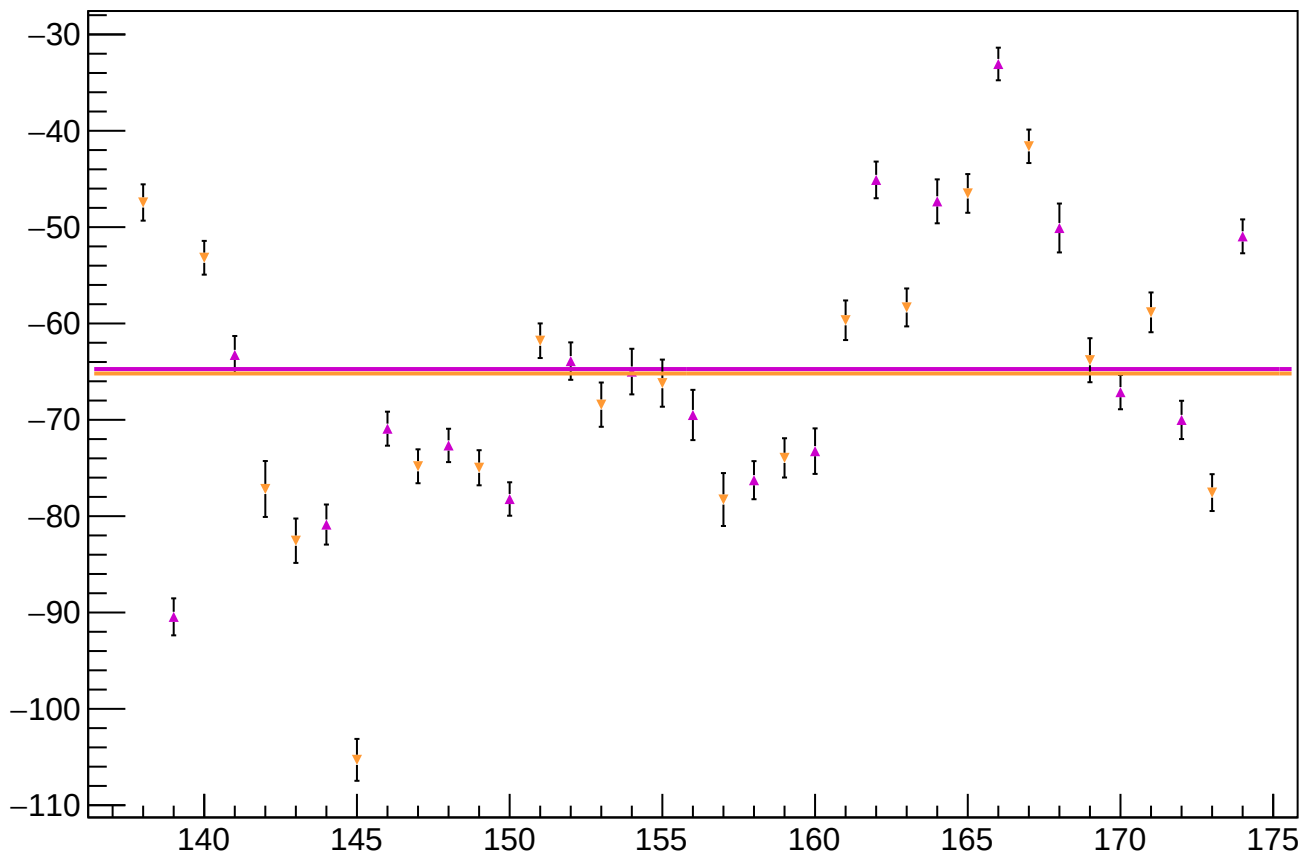
Left In: -41.246 ± 0.018 χ^2/NDF : 115349.0/17

+ sign -41.038 ± 0.016 χ^2/NDF : 169745.1/33

All: -41.196 ± 0.011 χ^2/NDF : 379870.8/69

- sign -41.346 ± 0.016 χ^2/NDF : 209933.3/35

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -65.191+/-0.468 χ^2/NDF : 997.3/18

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

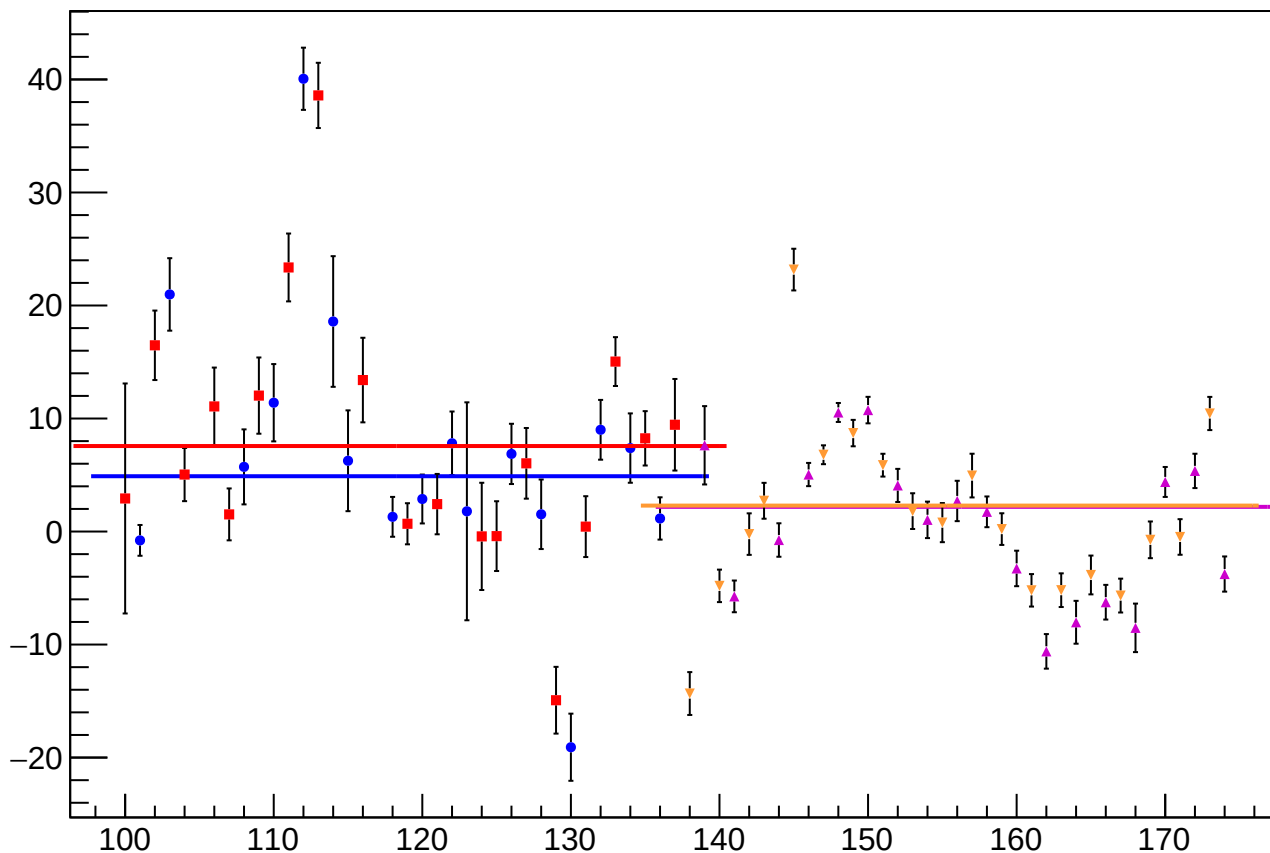
Left In: -64.729+/-0.464 χ^2/NDF : 1002.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.958+/-0.330 χ^2/NDF : 2000.1/36

- 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: 2.295 ± 0.327 χ^2/NDF : 439.0/18

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

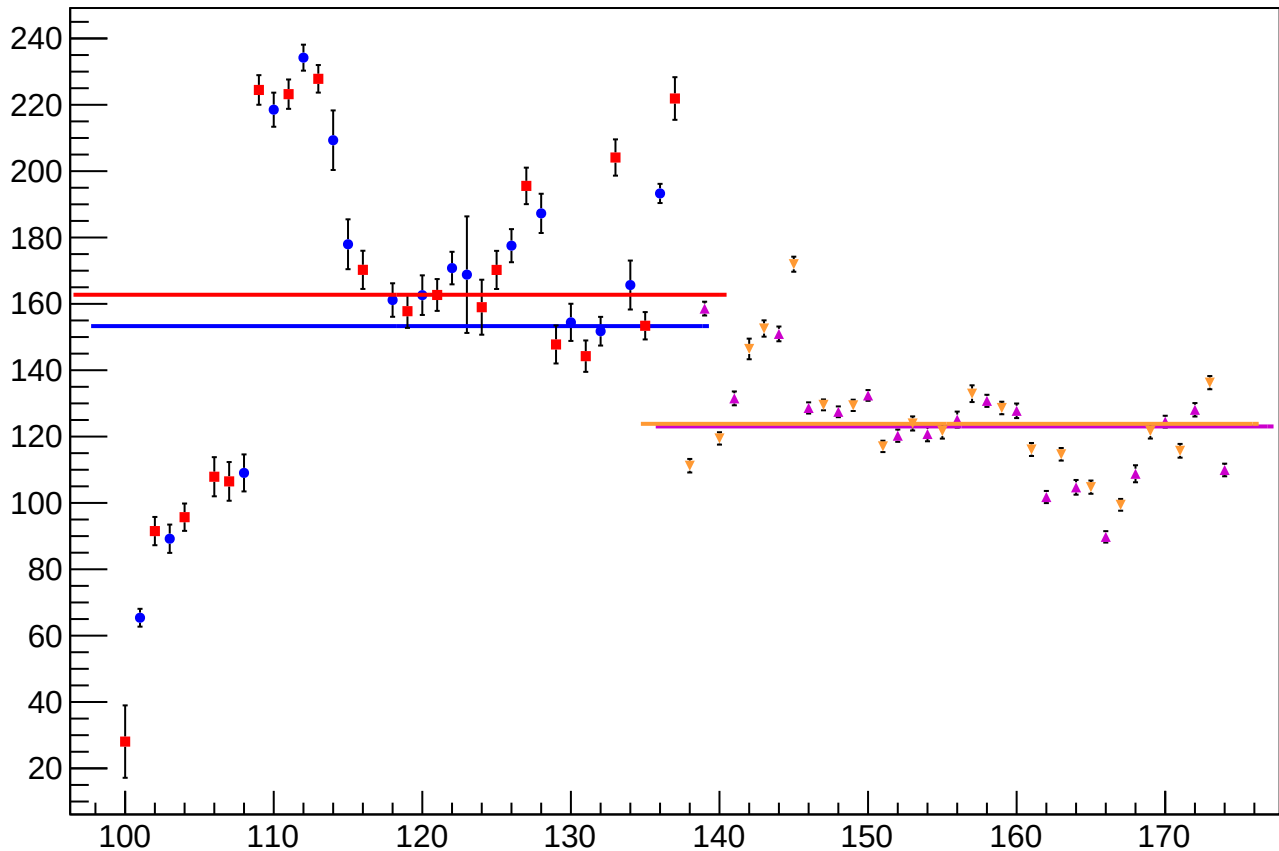
Left In: 2.183 ± 0.333 χ^2/NDF : 388.5/17

+ sign 2.858 ± 0.289 χ^2/NDF : 748.1/35

All: 3.072 ± 0.207 χ^2/NDF : 1462.0/72

- sign 3.298 ± 0.297 χ^2/NDF : 712.7/36

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 123.841 $\pm$ 0.463 χ^2 /NDF:1114.9/18

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

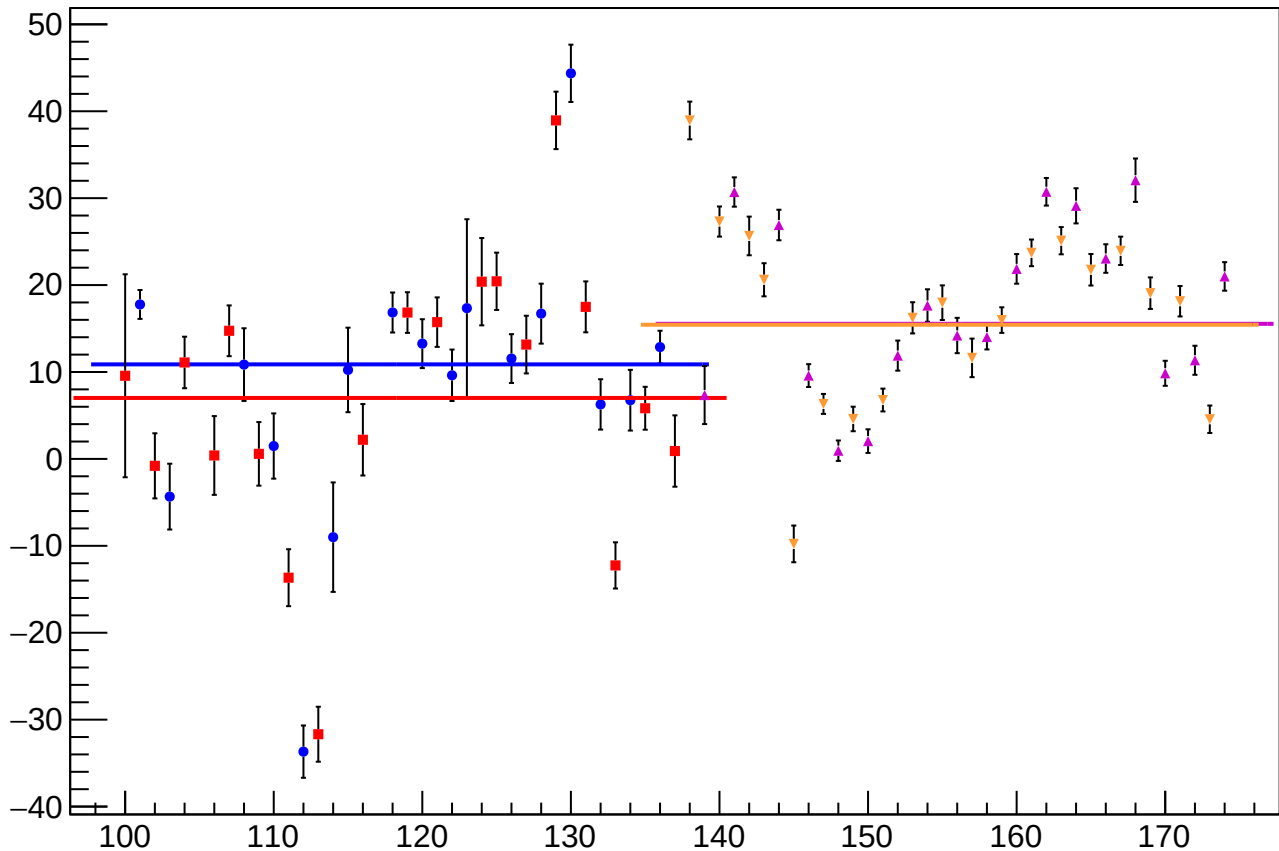
Left In: 123.052 $\pm$ 0.458 χ^2 /NDF:1204.3/17

+ sign 127.976 $\pm$ 0.429 χ^2 /NDF: 3950.9/35

All: 128.126 $\pm$ 0.303 χ^2 /NDF: 7852.5/72

- sign 128.273 $\pm$ 0.427 χ^2 /NDF: 3901.4/36

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 ± 0.713 $\chi^2/\text{NDF}: 388.1/16$

Left Out: 15.437 ± 0.382 $\chi^2/\text{NDF}: 665.6/18$

Right Out: 7.014 ± 0.748 $\chi^2/\text{NDF}: 424.5/18$

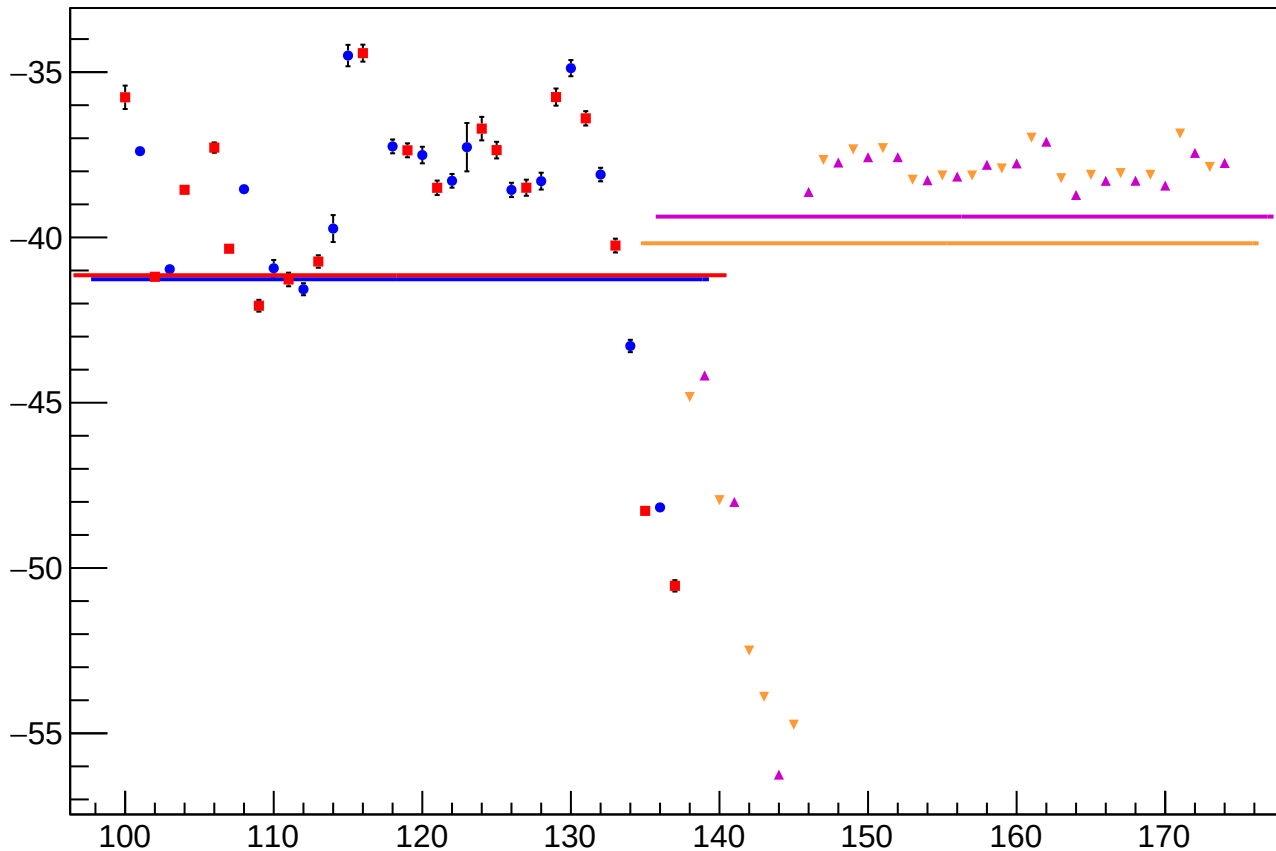
Left In: 15.543 ± 0.387 $\chi^2/\text{NDF}: 657.5/17$

+ sign 14.421 ± 0.337 $\chi^2/\text{NDF}: 1085.4/35$

All: 14.090 ± 0.240 $\chi^2/\text{NDF}: 2272.0/72$

- sign 13.745 ± 0.344 $\chi^2/\text{NDF}: 1184.6/36$

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 χ^2/NDF : 12570.1/16

Left Out: -40.177 ± 0.018 χ^2/NDF : 82624.4/18

Right Out: -41.144 ± 0.039 χ^2/NDF : 12218.7/18

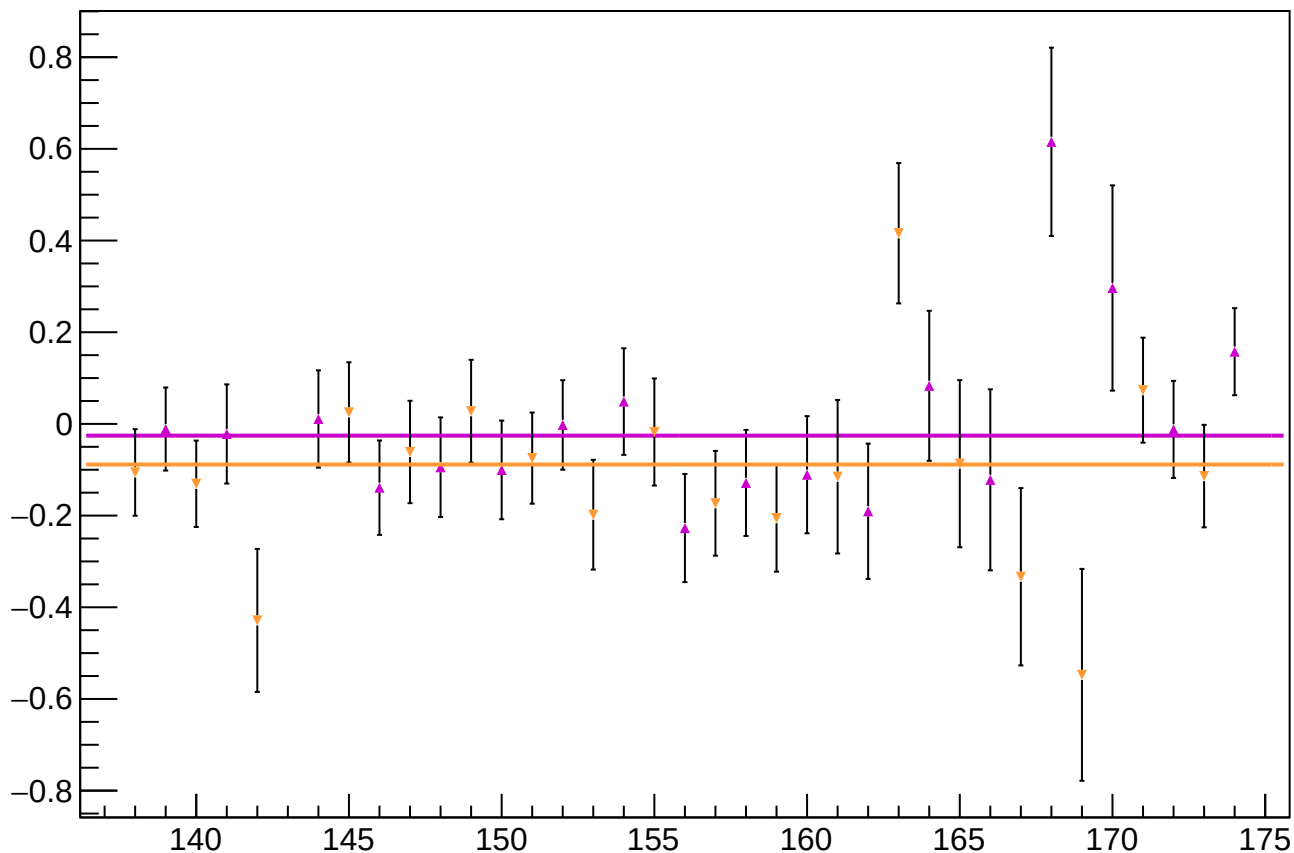
Left In: -39.370 ± 0.018 χ^2/NDF : 50913.2/17

+ sign -40.375 ± 0.016 χ^2/NDF : 95848.5/35

All: -40.025 ± 0.012 χ^2/NDF : 161612.7/72

- sign -39.684 ± 0.016 χ^2/NDF : 64868.6/36

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.089 $\pm$ 0.029 χ^2 /NDF: 28.5/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

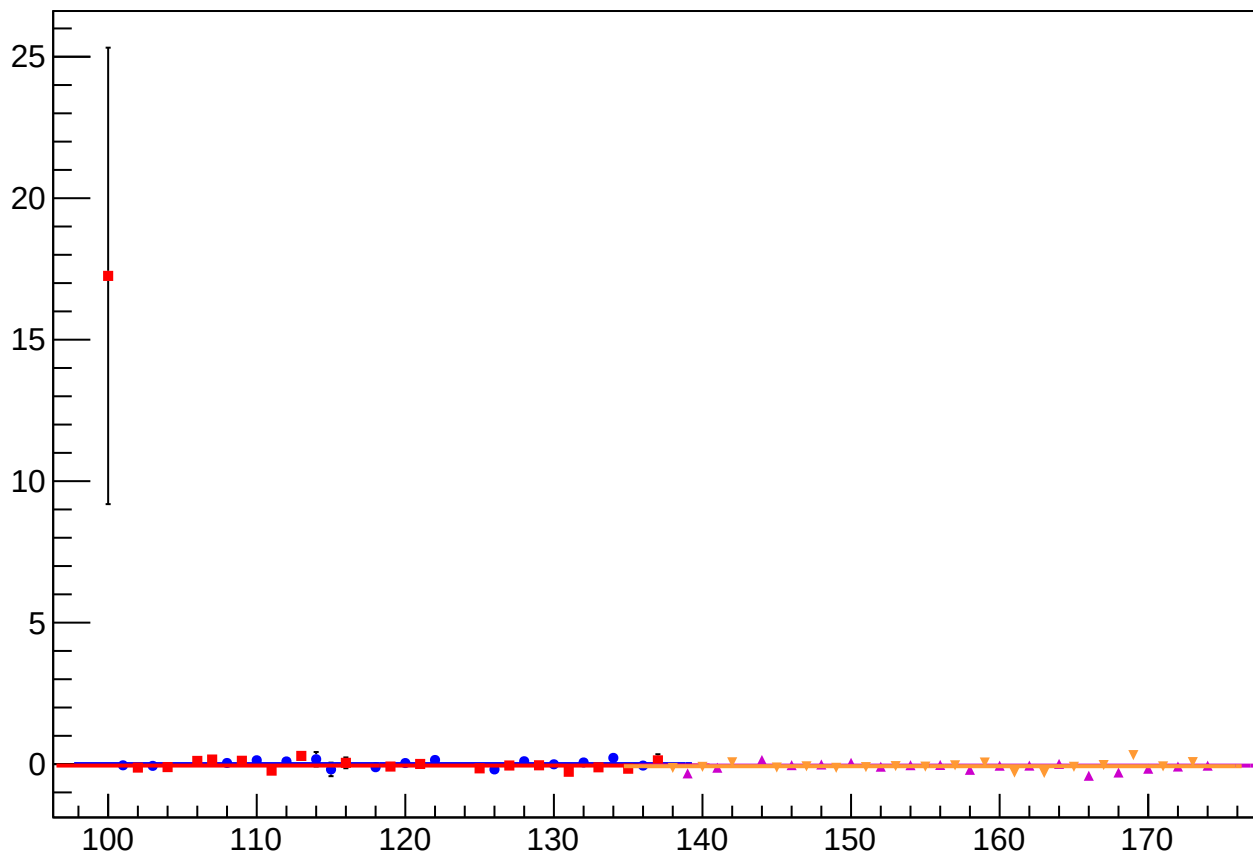
Left In: -0.026 $\pm$ 0.028 χ^2 /NDF: 24.4/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.056 $\pm$ 0.020 χ^2 /NDF: 55.3/35

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 $\pm$ 0.028 χ^2 /NDF: 12.5/15

Left Out: -0.074 $\pm$ 0.020 χ^2 /NDF: 22.7/17

Right Out: -0.051 $\pm$ 0.029 χ^2 /NDF: 25.8/17

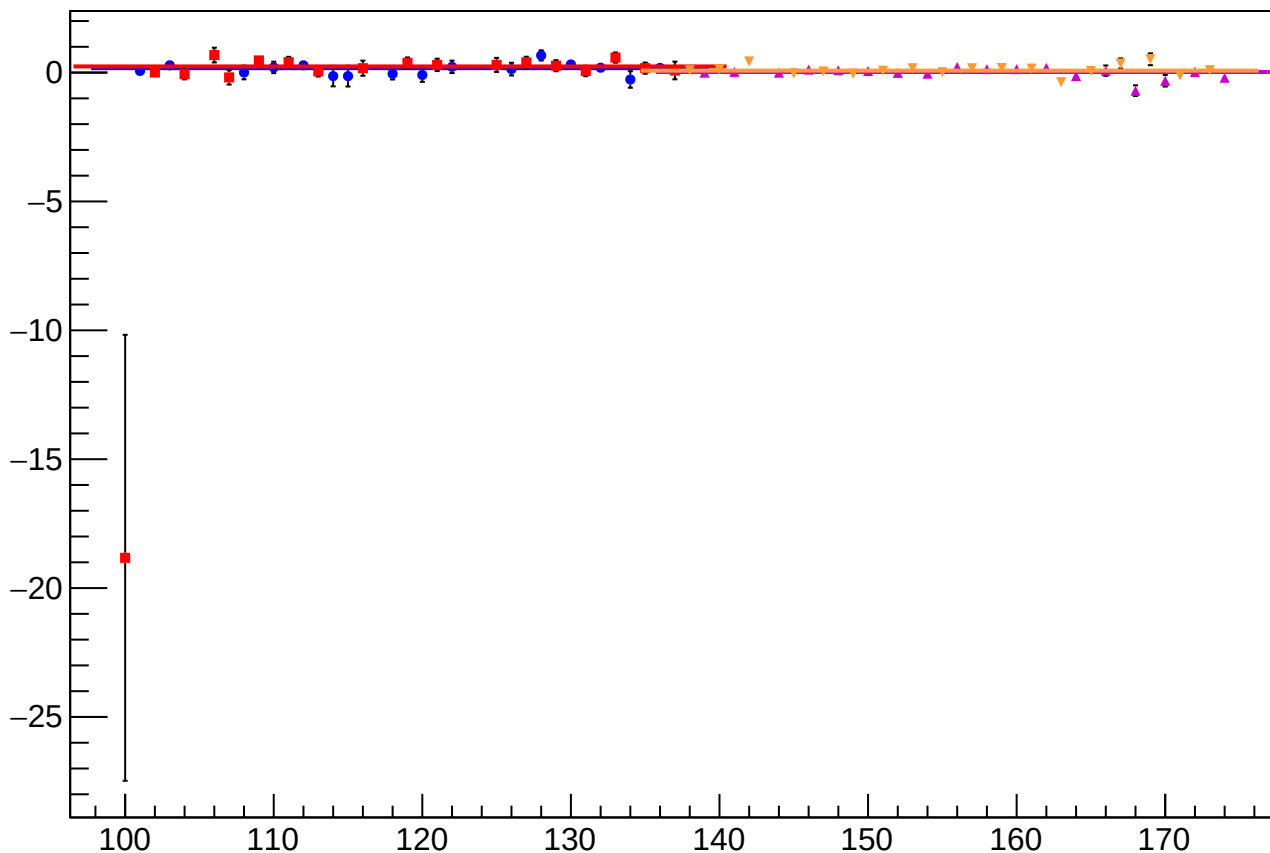
Left In: -0.053 $\pm$ 0.020 χ^2 /NDF: 23.5/17

+ sign -0.049 $\pm$ 0.016 χ^2 /NDF: 40.0/33

All: -0.050 $\pm$ 0.012 χ^2 /NDF: 89.4/69

- sign -0.052 $\pm$ 0.017 χ^2 /NDF: 49.3/35

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 ± 0.052 χ^2/NDF : 13.7/15

Left Out: 0.077 ± 0.028 χ^2/NDF : 27.3/17

Right Out: 0.239 ± 0.054 χ^2/NDF : 21.8/17

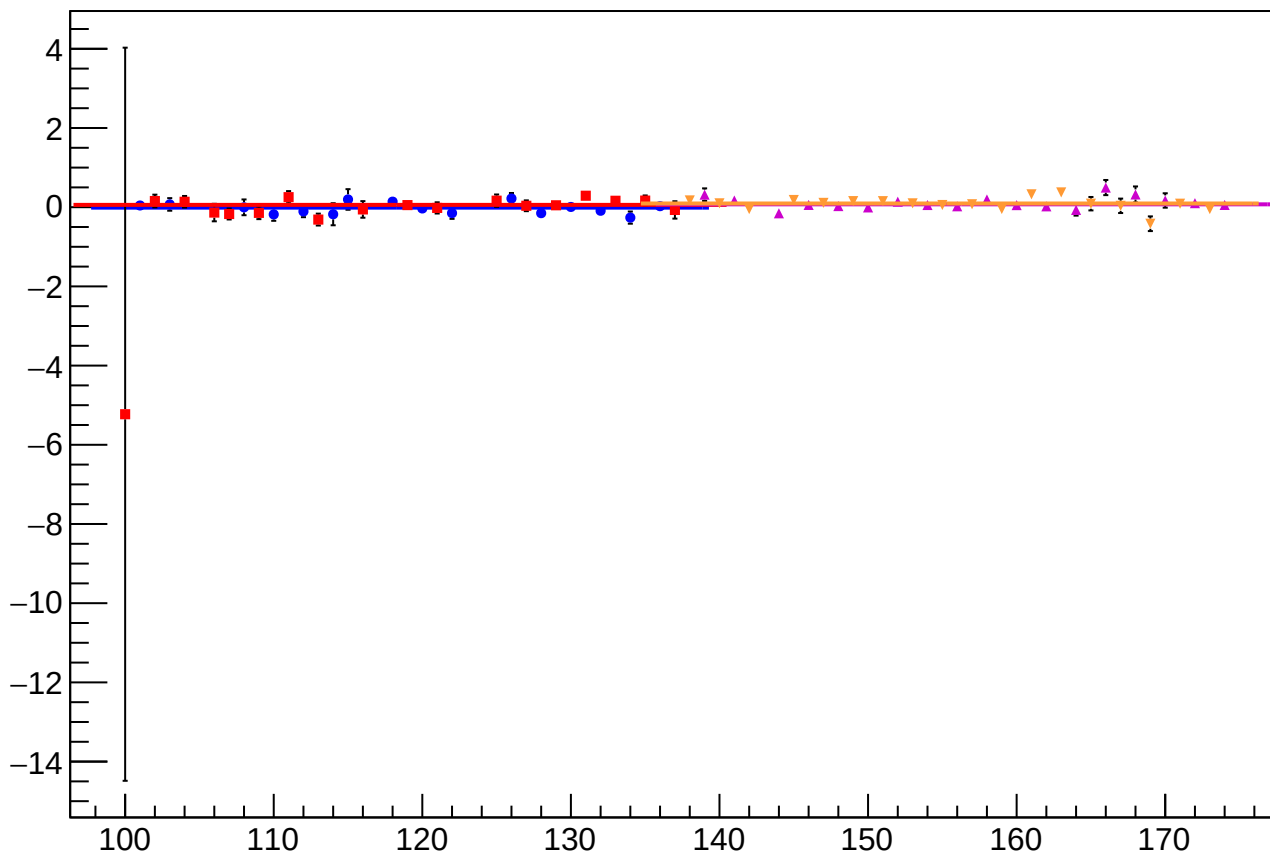
Left In: 0.022 ± 0.027 χ^2/NDF : 28.7/17

+ sign 0.098 ± 0.025 χ^2/NDF : 43.5/33

All: 0.082 ± 0.017 χ^2/NDF : 107.6/69

- sign 0.067 ± 0.024 χ^2/NDF : 63.3/35

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.093 ± 0.024 χ^2/NDF : 25.2/17

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

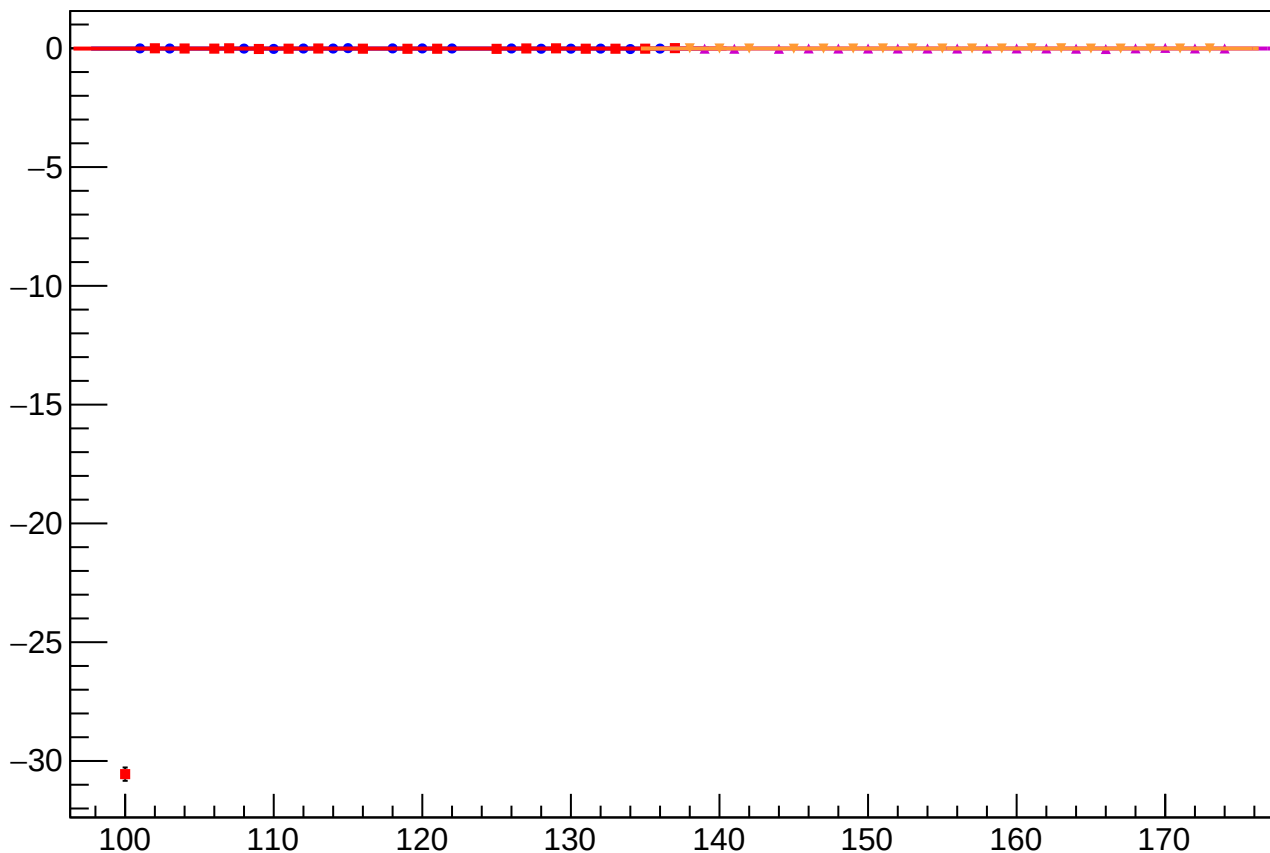
Left In: 0.072 ± 0.023 χ^2/NDF : 22.1/17

+ sign 0.057 ± 0.019 χ^2/NDF : 45.7/33

All: 0.063 ± 0.014 χ^2/NDF : 88.7/69

- sign 0.068 ± 0.019 χ^2/NDF : 42.8/35

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:13.8/17

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

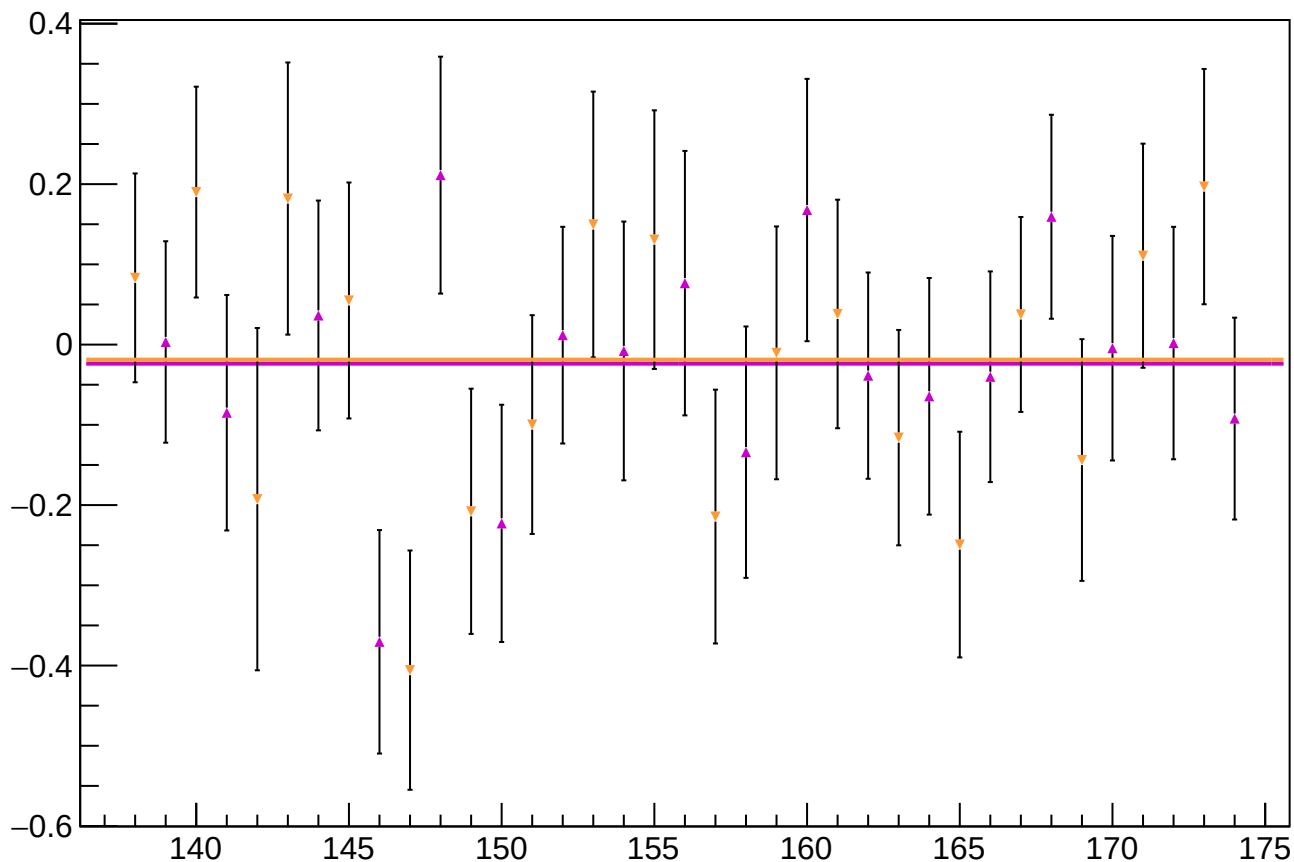
Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:31.4/17

+ sign -0.009 $\pm$ 0.001 χ^2 /NDF: 29.3/33

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11954.1/69

- sign -0.010 $\pm$ 0.001 χ^2 /NDF: 11924.3/35

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.019 $\pm$ 0.034 χ^2 /NDF:24.8/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

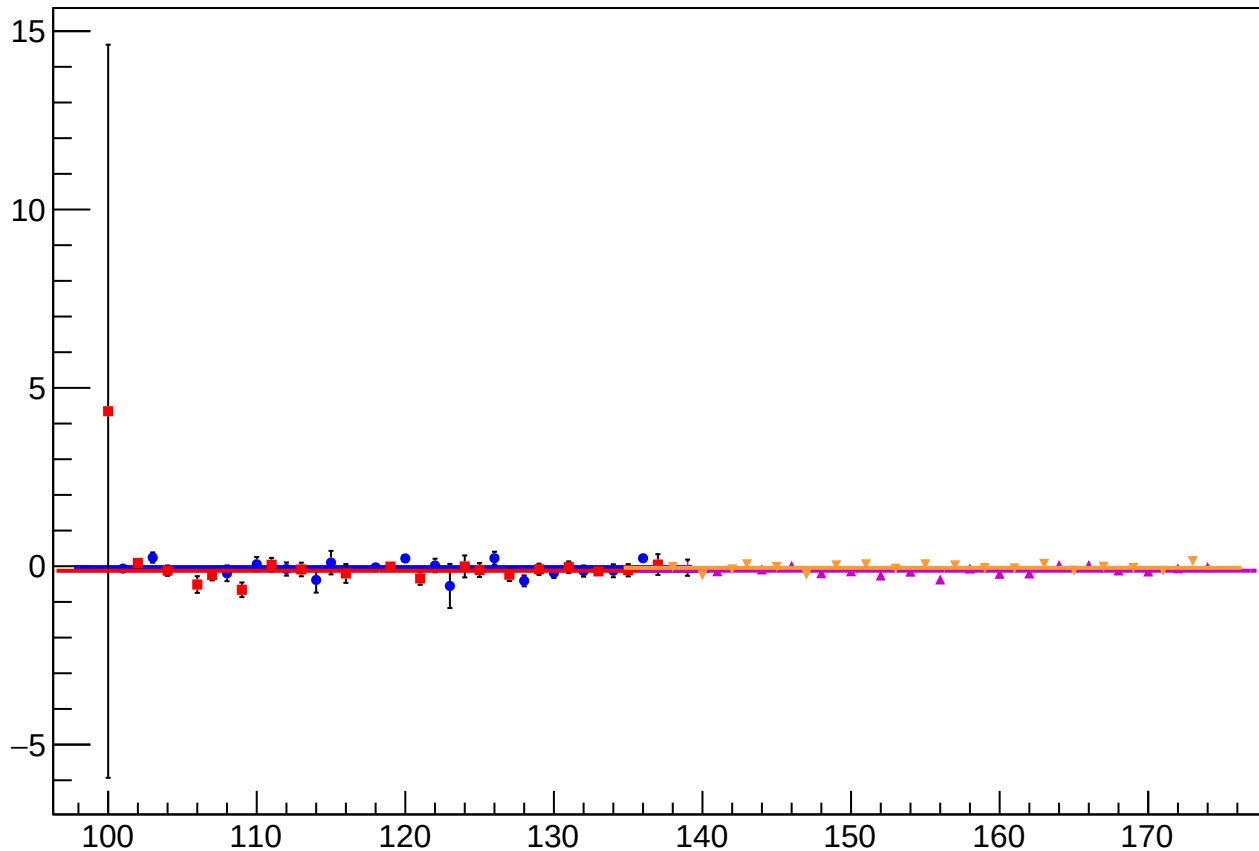
Left In: -0.024 $\pm$ 0.033 χ^2 /NDF:15.8/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.024 χ^2 /NDF: 40.6/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 $\pm$ 0.037 χ^2/NDF : 23.4/16

Left Out: -0.045 $\pm$ 0.024 χ^2/NDF : 19.9/18

Right Out: -0.128 $\pm$ 0.039 χ^2/NDF : 17.6/18

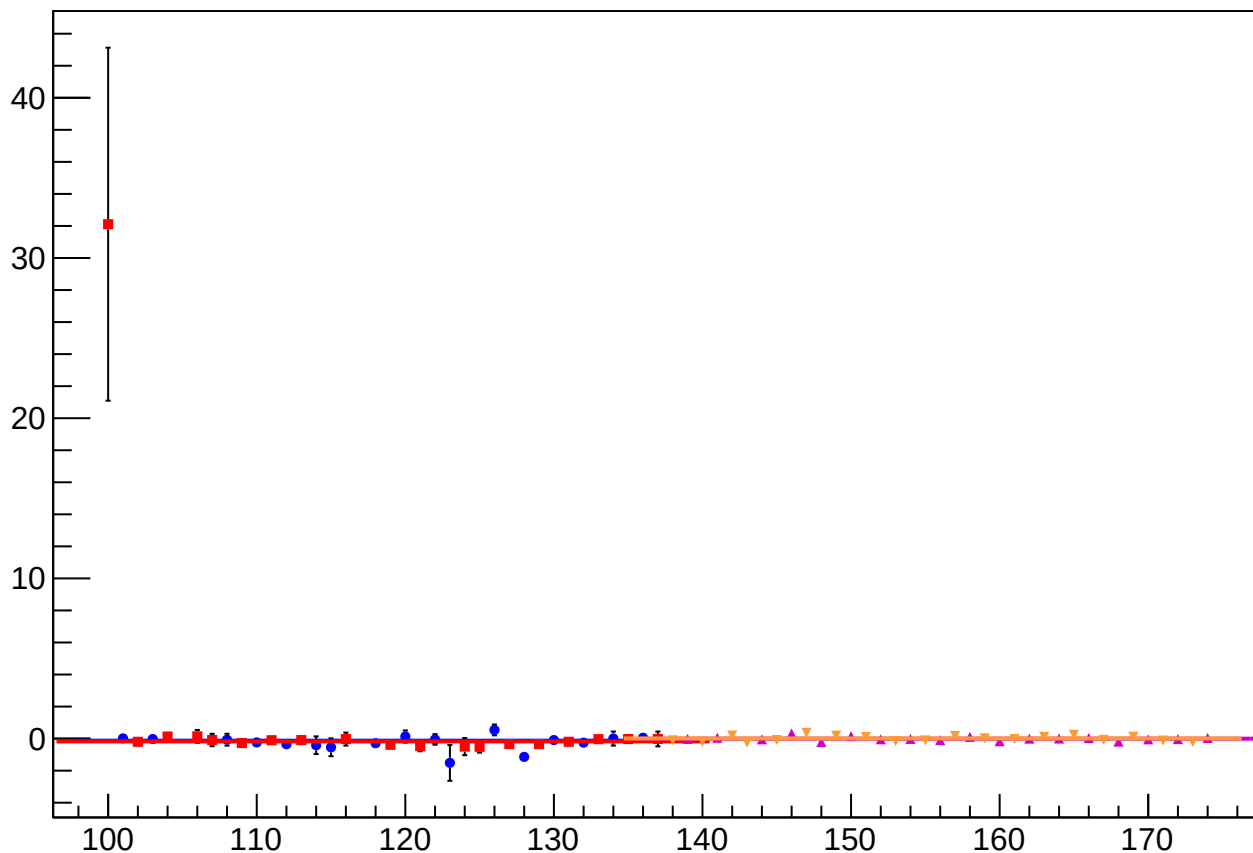
Left In: -0.125 $\pm$ 0.025 χ^2/NDF : 16.6/17

+ sign -0.039 $\pm$ 0.020 χ^2/NDF : 43.5/35

All: -0.081 $\pm$ 0.015 χ^2/NDF : 86.6/72

- sign -0.126 $\pm$ 0.021 χ^2/NDF : 34.2/36

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 $\pm$ 0.067 χ^2/NDF : 23.7/16

Left Out: 0.010 $\pm$ 0.033 χ^2/NDF : 24.3/18

Right Out: -0.172 $\pm$ 0.071 χ^2/NDF : 15.0/18

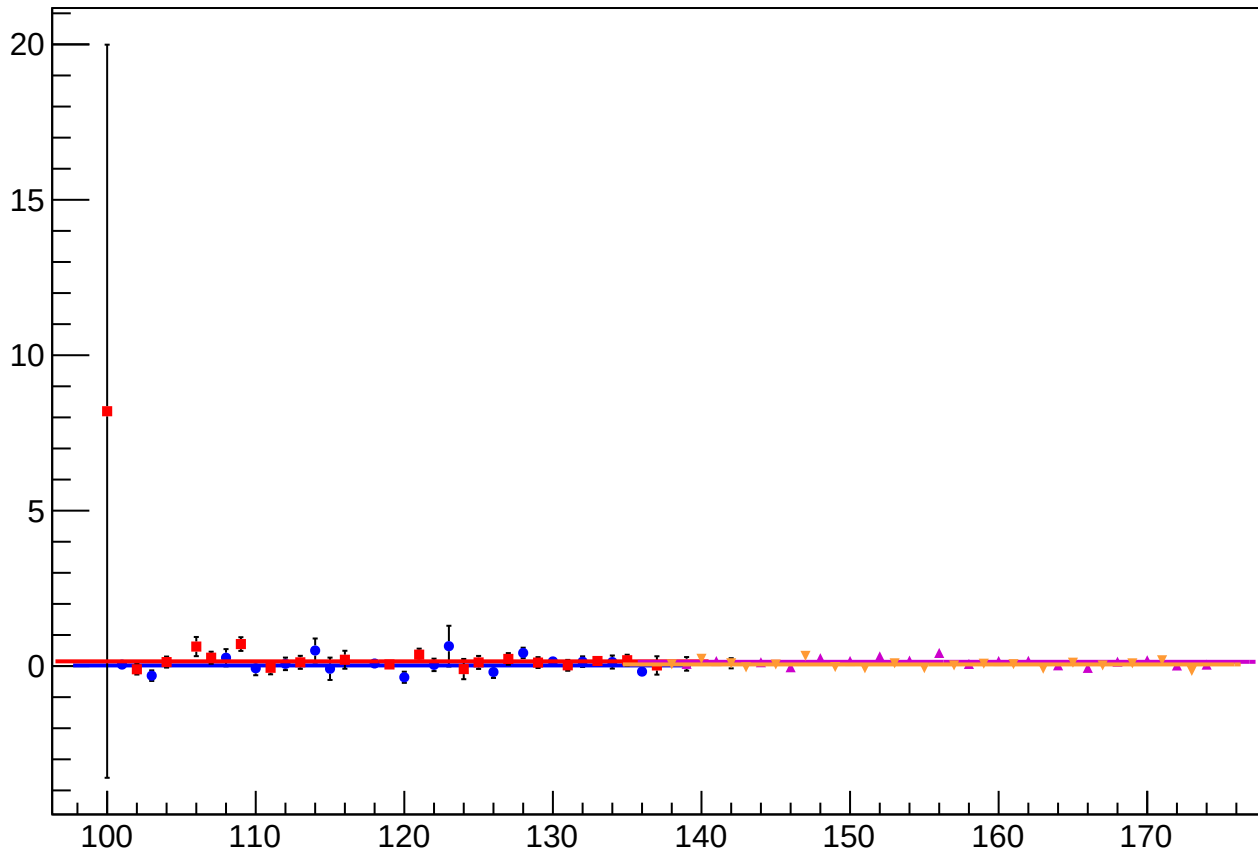
Left In: -0.004 $\pm$ 0.033 χ^2/NDF : 14.3/17

+ sign -0.018 $\pm$ 0.030 χ^2/NDF : 51.6/35

All: -0.026 $\pm$ 0.021 χ^2/NDF : 85.6/72

- sign -0.034 $\pm$ 0.030 χ^2/NDF : 33.9/36

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.053 ± 0.028 χ^2/NDF : 19.7/18

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

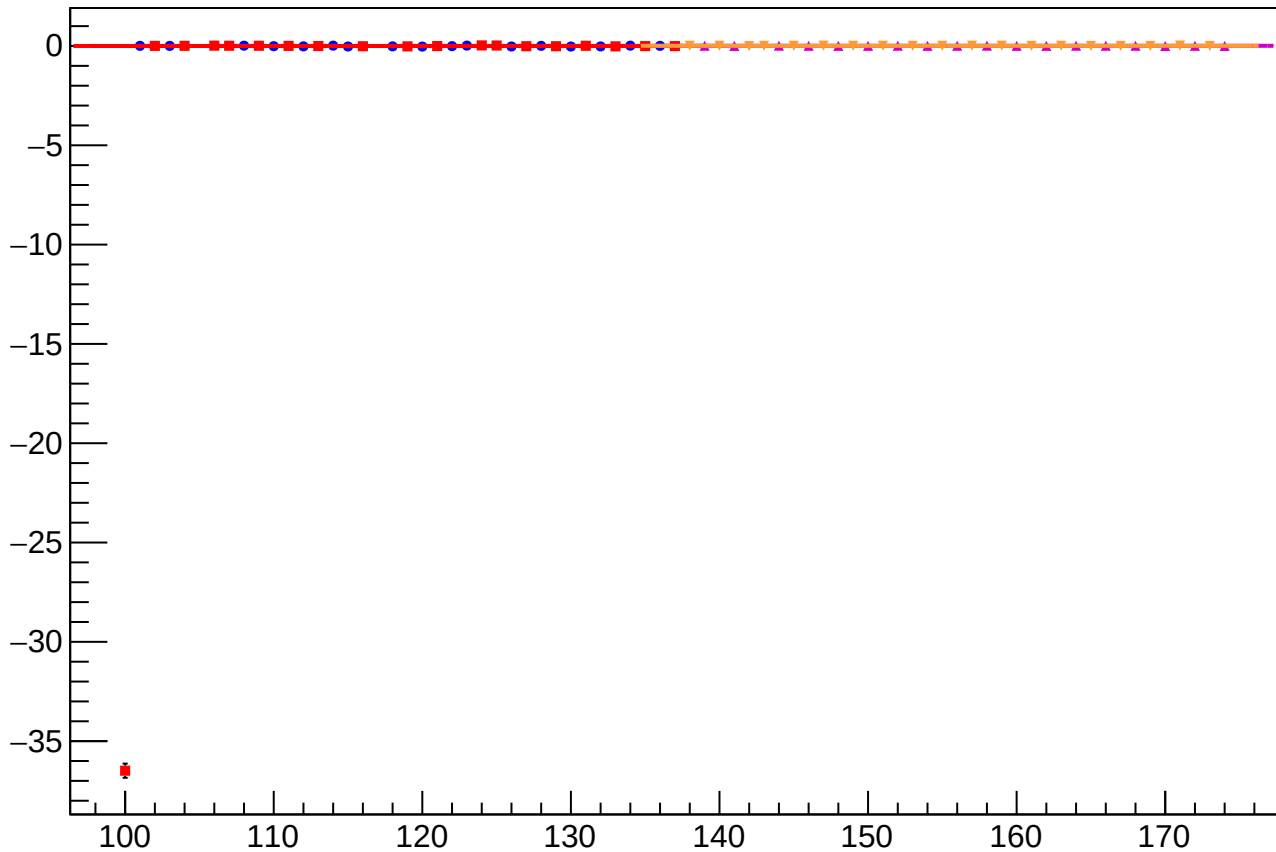
Left In: 0.137 ± 0.028 χ^2/NDF : 16.6/17

+ sign 0.043 ± 0.023 χ^2/NDF : 42.6/35

All: 0.090 ± 0.017 χ^2/NDF : 84.1/72

- sign 0.141 ± 0.024 χ^2/NDF : 33.0/36

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.009 $\pm$ 0.001 χ^2 /NDF: 18.7/18

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

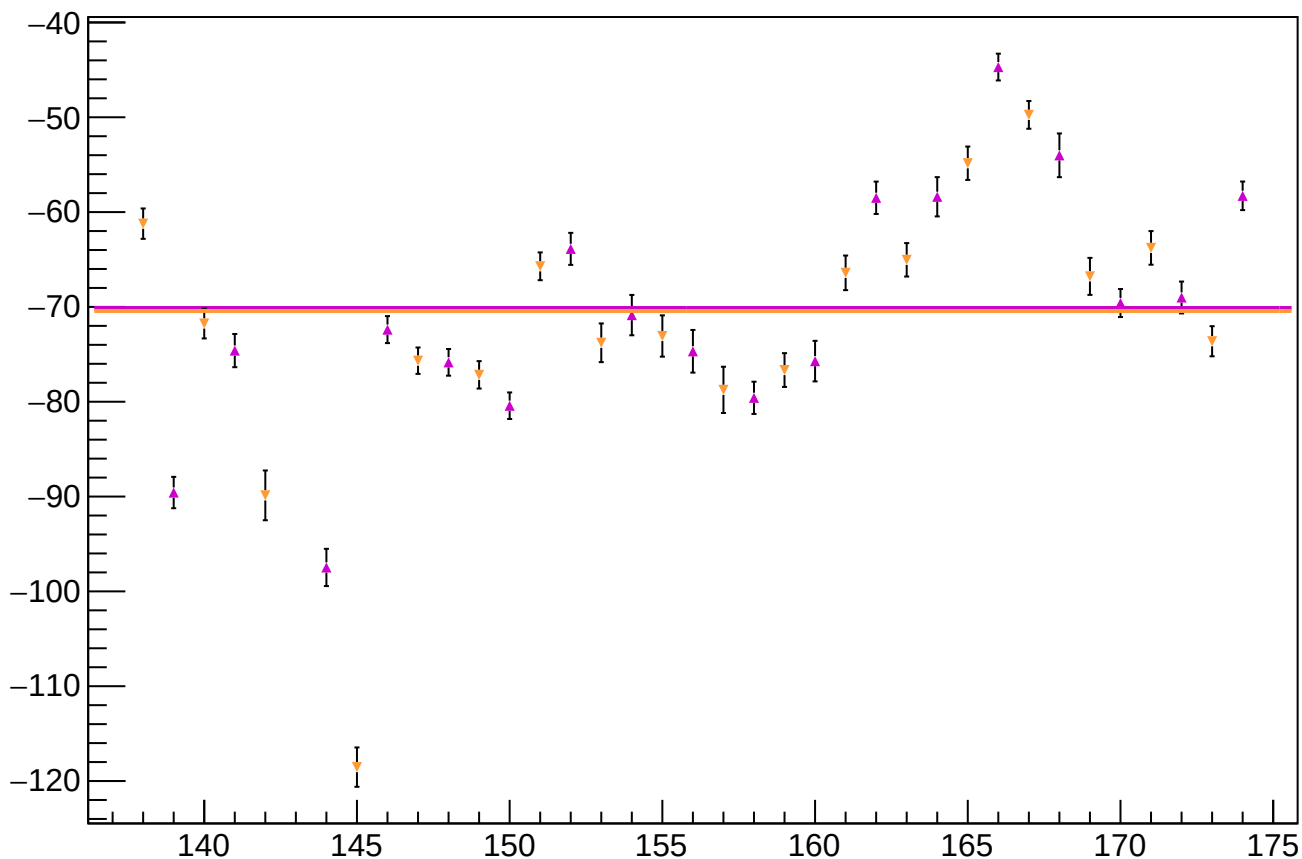
Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 11.4/17

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 61.5/35

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10534.5/72

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10472.8/36

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -70.427+/-0.410 χ^2/NDF :1013.4/17

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

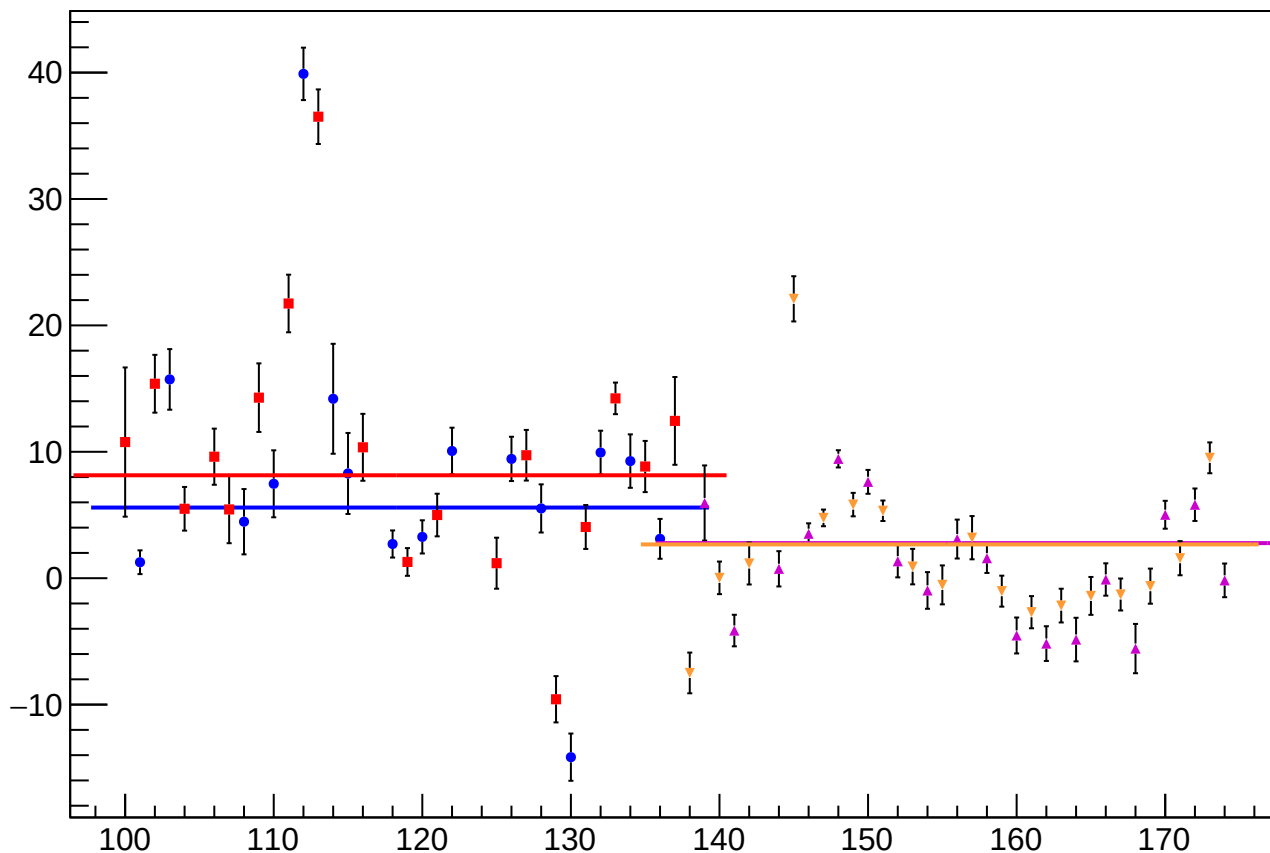
Left In: -70.119+/-0.398 χ^2/NDF :981.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.268+/-0.286 χ^2/NDF : 1994.8/35

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 $\pm$ 0.424 χ^2/NDF : 462.8/15

Left Out: 2.673 $\pm$ 0.282 χ^2/NDF : 296.4/17

Right Out: 8.142 $\pm$ 0.454 χ^2/NDF : 407.7/17

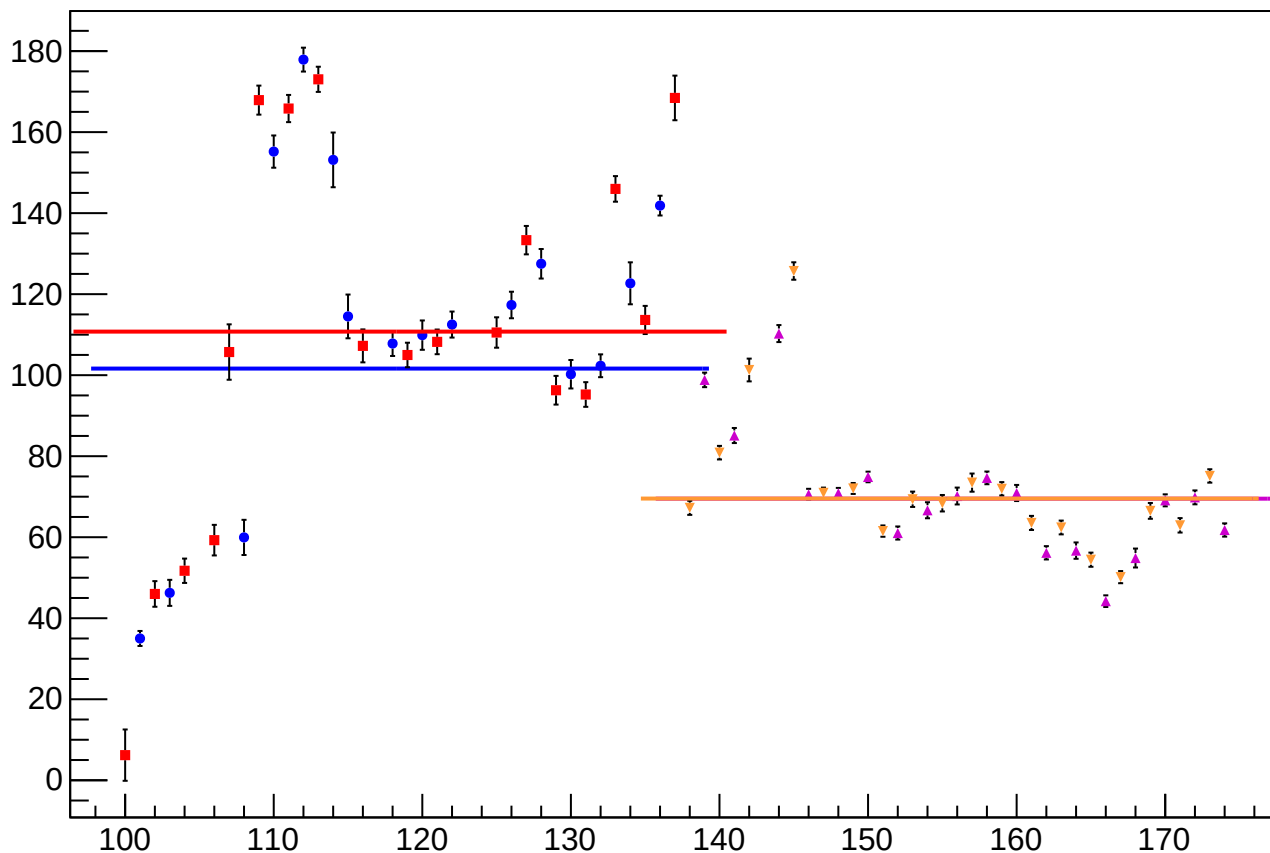
Left In: 2.775 $\pm$ 0.283 χ^2/NDF : 283.2/17

+ sign 3.569 $\pm$ 0.235 χ^2/NDF : 792.0/33

All: 3.916 $\pm$ 0.168 χ^2/NDF : 1588.2/69

- sign 4.279 $\pm$ 0.240 χ^2/NDF : 791.7/35

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 69.541 $\pm$ 0.403 χ^2 /NDF:1196.5/17

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

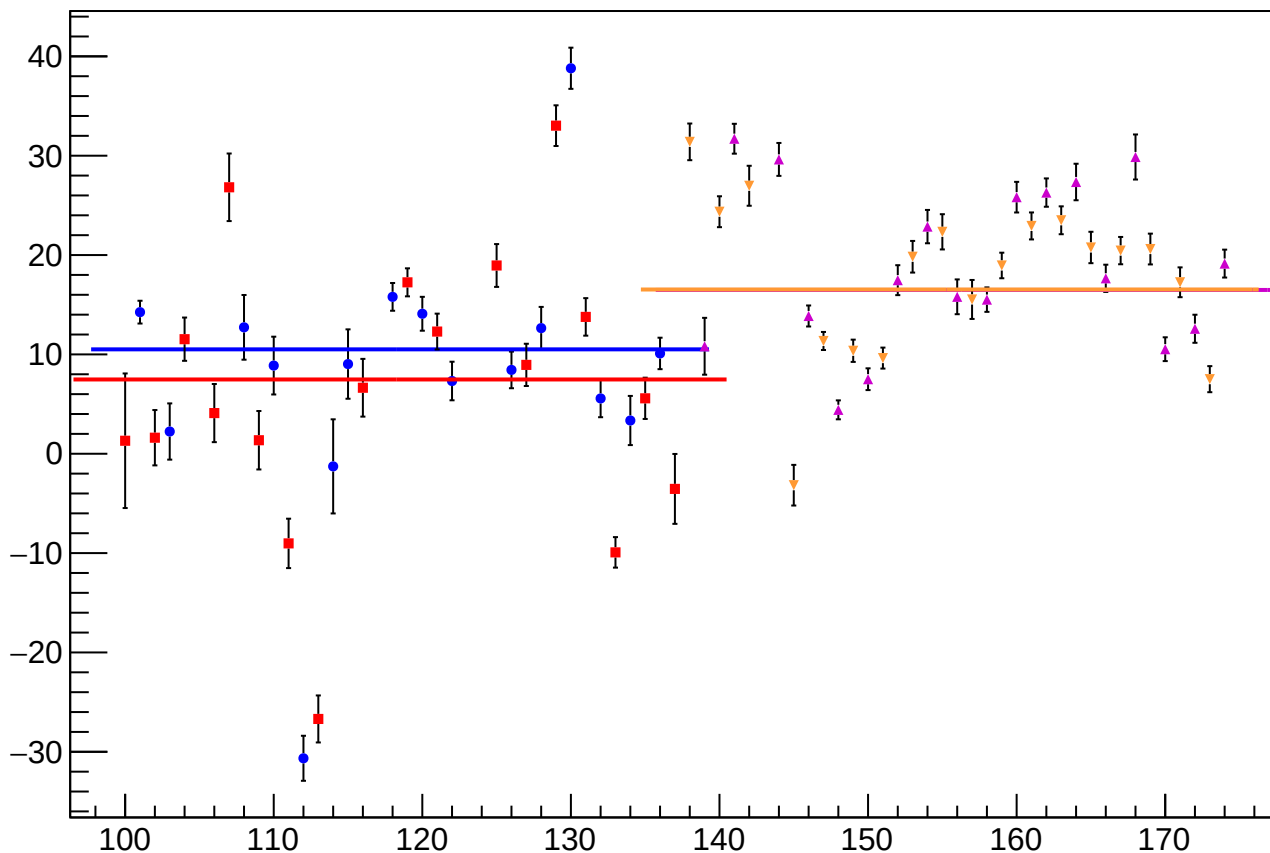
Left In: 69.513 $\pm$ 0.392 χ^2 /NDF:1251.3/17

+ sign 75.949 $\pm$ 0.361 χ^2 /NDF: 5441.0/33

All: 76.455 $\pm$ 0.253 χ^2 /NDF: 11203.4/69

- sign 76.946 $\pm$ 0.355 χ^2 /NDF: 5758.5/35

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 ± 0.492 $\chi^2/\text{NDF}: 581.5/15$

Left Out: 16.532 ± 0.332 $\chi^2/\text{NDF}: 450.7/17$

Right Out: 7.477 ± 0.524 $\chi^2/\text{NDF}: 689.3/17$

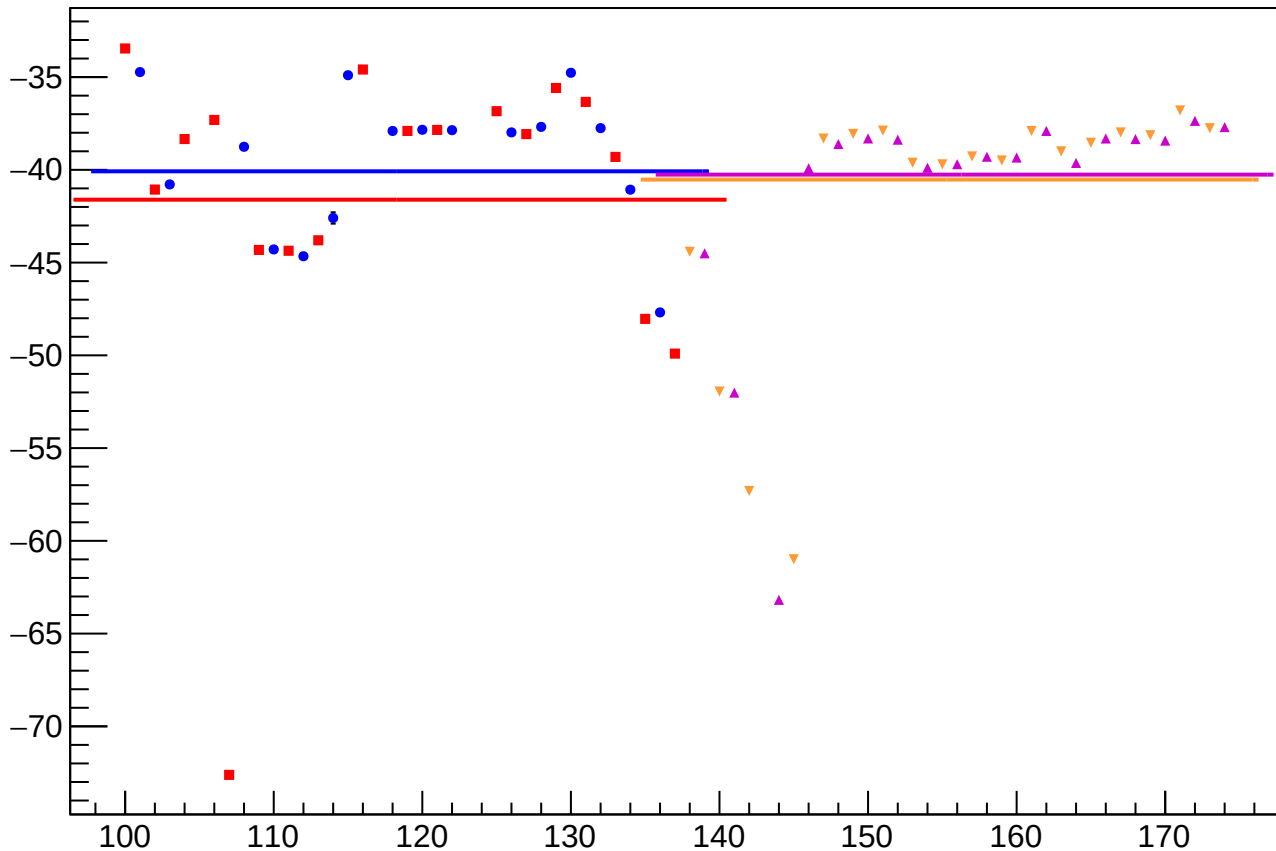
Left In: 16.487 ± 0.330 $\chi^2/\text{NDF}: 609.1/17$

+ sign 14.650 ± 0.275 $\chi^2/\text{NDF}: 1135.3/33$

All: 14.295 ± 0.196 $\chi^2/\text{NDF}: 2648.8/69$

- sign 13.928 ± 0.279 $\chi^2/\text{NDF}: 1510.1/35$

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -40.525 ± 0.016 χ^2/NDF : 124309.3/17

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

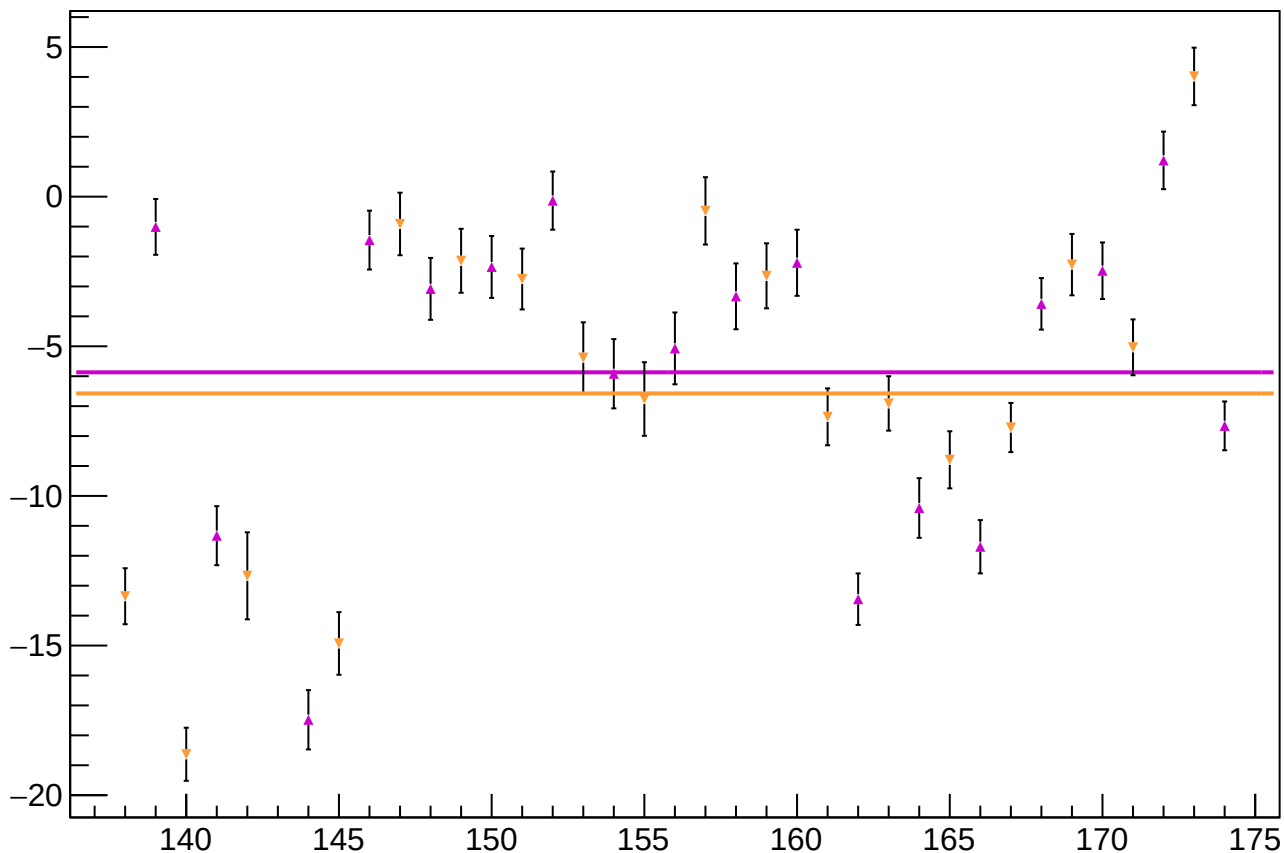
Left In: -40.257 ± 0.015 χ^2/NDF : 102350.8/17

+ sign -40.418 ± 0.014 χ^2/NDF : 149622.5/33

All: -40.491 ± 0.010 χ^2/NDF : 315548.8/69

- sign -40.561 ± 0.014 χ^2/NDF : 165871.5/35

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -6.575+/-0.238 χ^2/NDF : 572.9/17

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

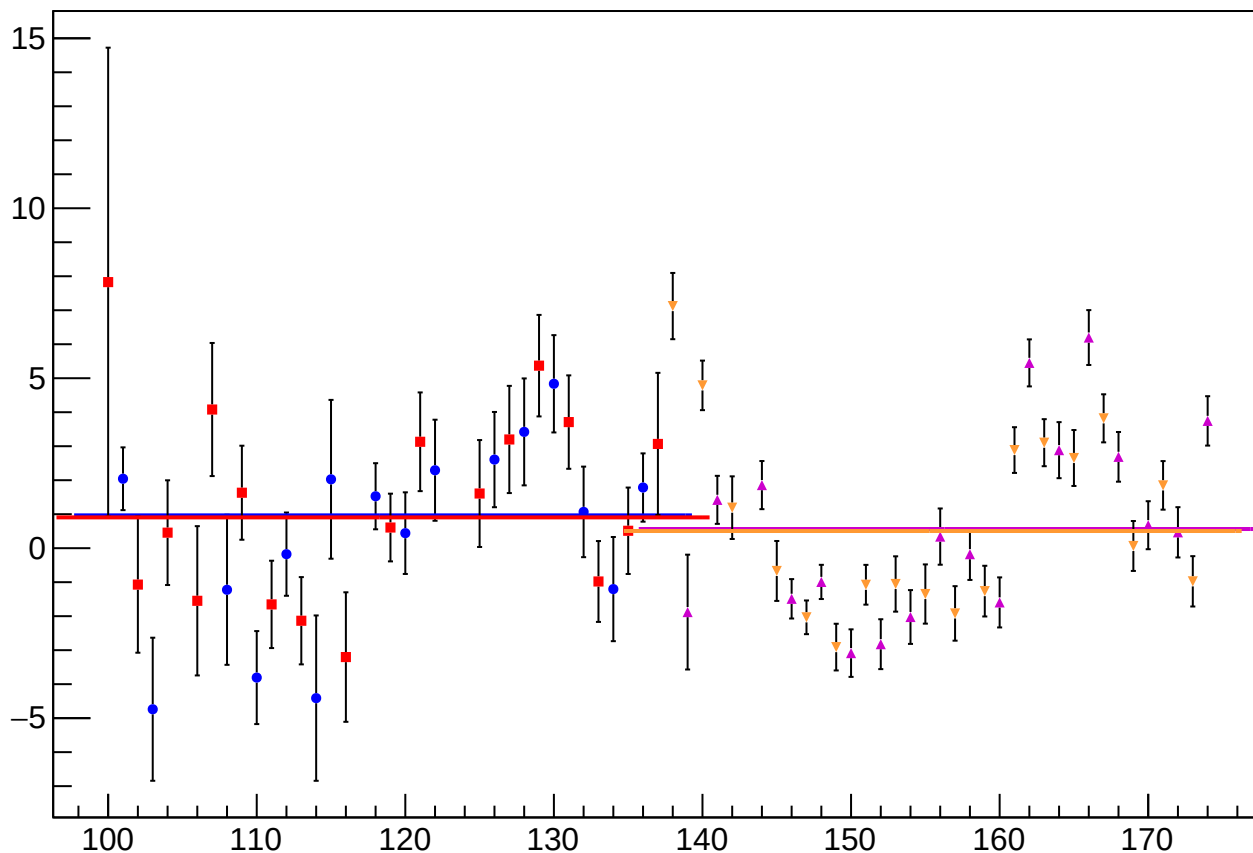
Left In: -5.870+/-0.230 χ^2/NDF : 505.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.210+/-0.165 χ^2/NDF : 1083.2/35

- 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: 0.505 ± 0.171 χ^2/NDF : 227.5/17

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

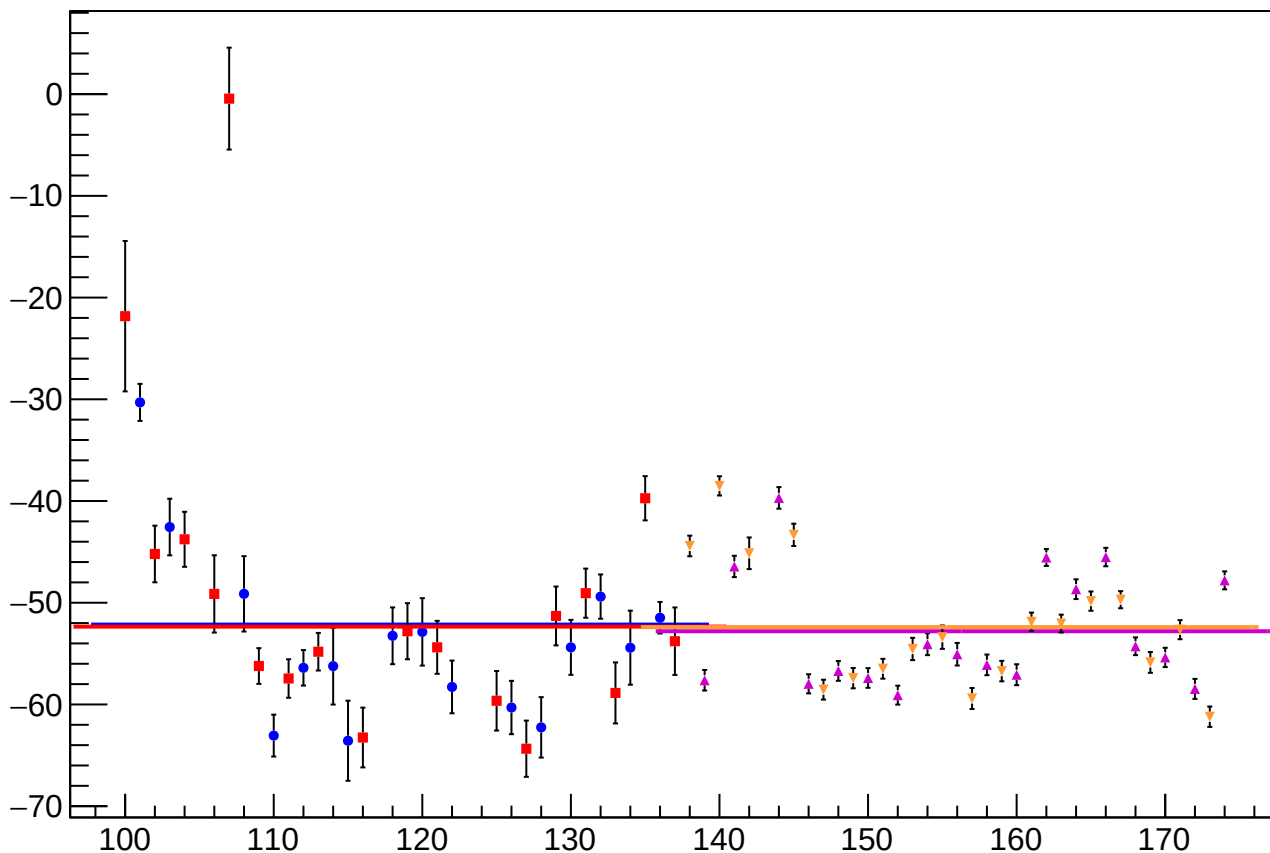
Left In: 0.564 ± 0.170 χ^2/NDF : 232.1/17

+ sign 0.599 ± 0.153 χ^2/NDF : 271.9/33

All: 0.614 ± 0.108 χ^2/NDF : 546.8/69

- sign 0.629 ± 0.153 χ^2/NDF : 274.8/35

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -52.394 ± 0.235 χ^2/NDF : 626.3/17

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

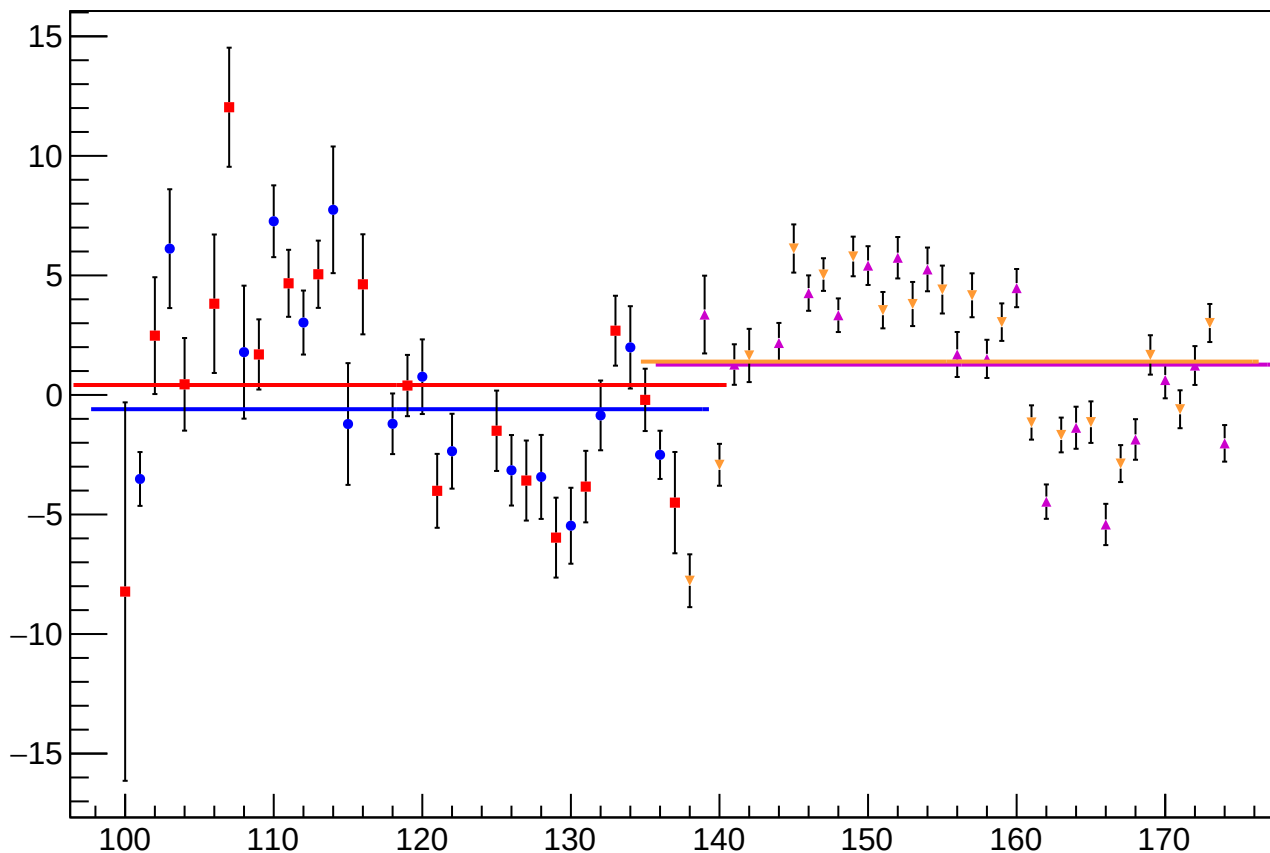
Left In: -52.803 ± 0.228 χ^2/NDF : 595.5/17

+ sign -52.363 ± 0.220 χ^2/NDF : 856.7/33

All: -52.561 ± 0.153 χ^2/NDF : 1689.9/69

- sign -52.748 ± 0.214 χ^2/NDF : 831.7/35

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596±/0.384 χ^2/NDF : 82.6/15

Left Out: 1.395±/0.197 χ^2/NDF :289.0/17

Right Out: 0.416±/0.400 χ^2/NDF : 95.8/17

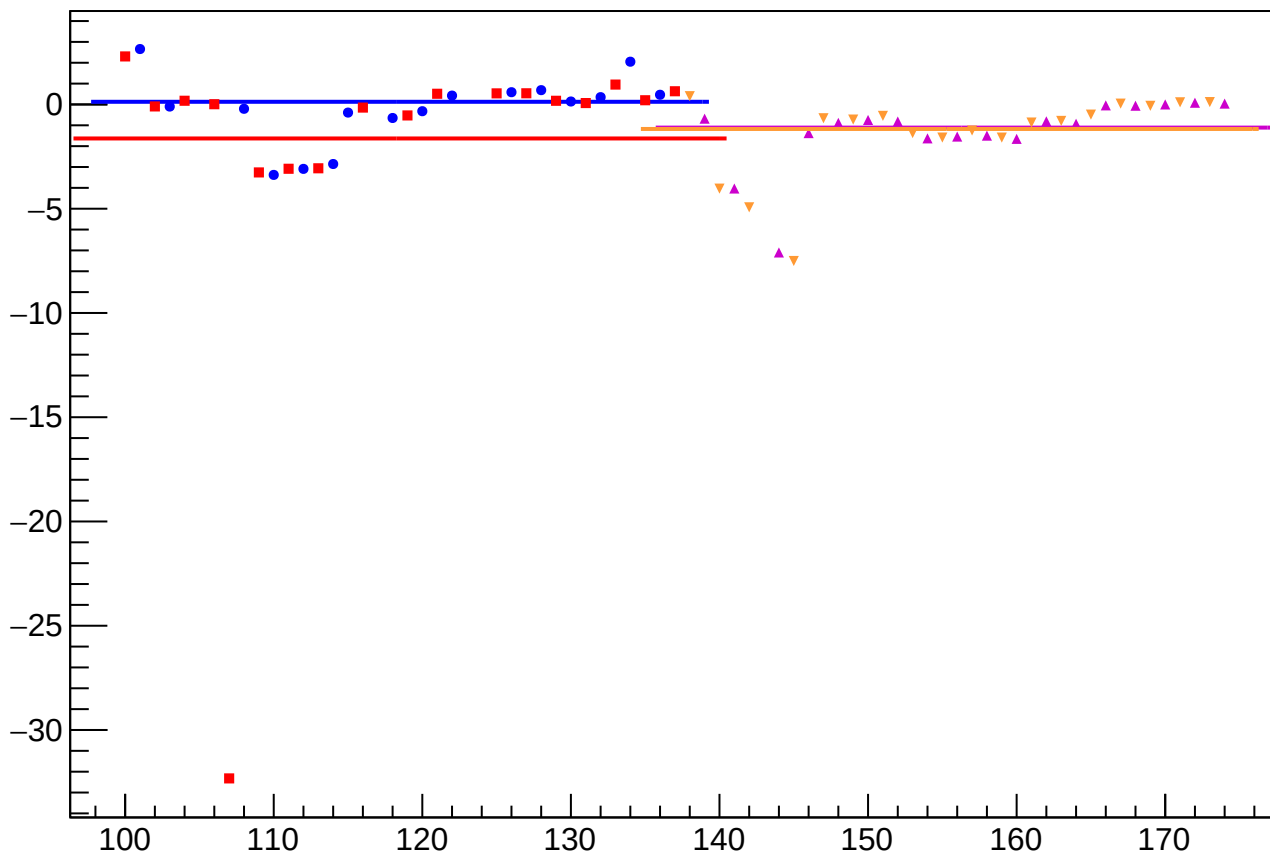
Left In: 1.269±/0.195 χ^2/NDF :281.2/17

+ sign 0.979±/0.175 χ^2/NDF : 392.9/33

All: 1.042±/0.124 χ^2/NDF : 773.8/69

- sign 1.104±/0.175 χ^2/NDF : 380.6/35

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -1.175 ± 0.009 $\chi^2/\text{NDF}: 37663.3/17$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

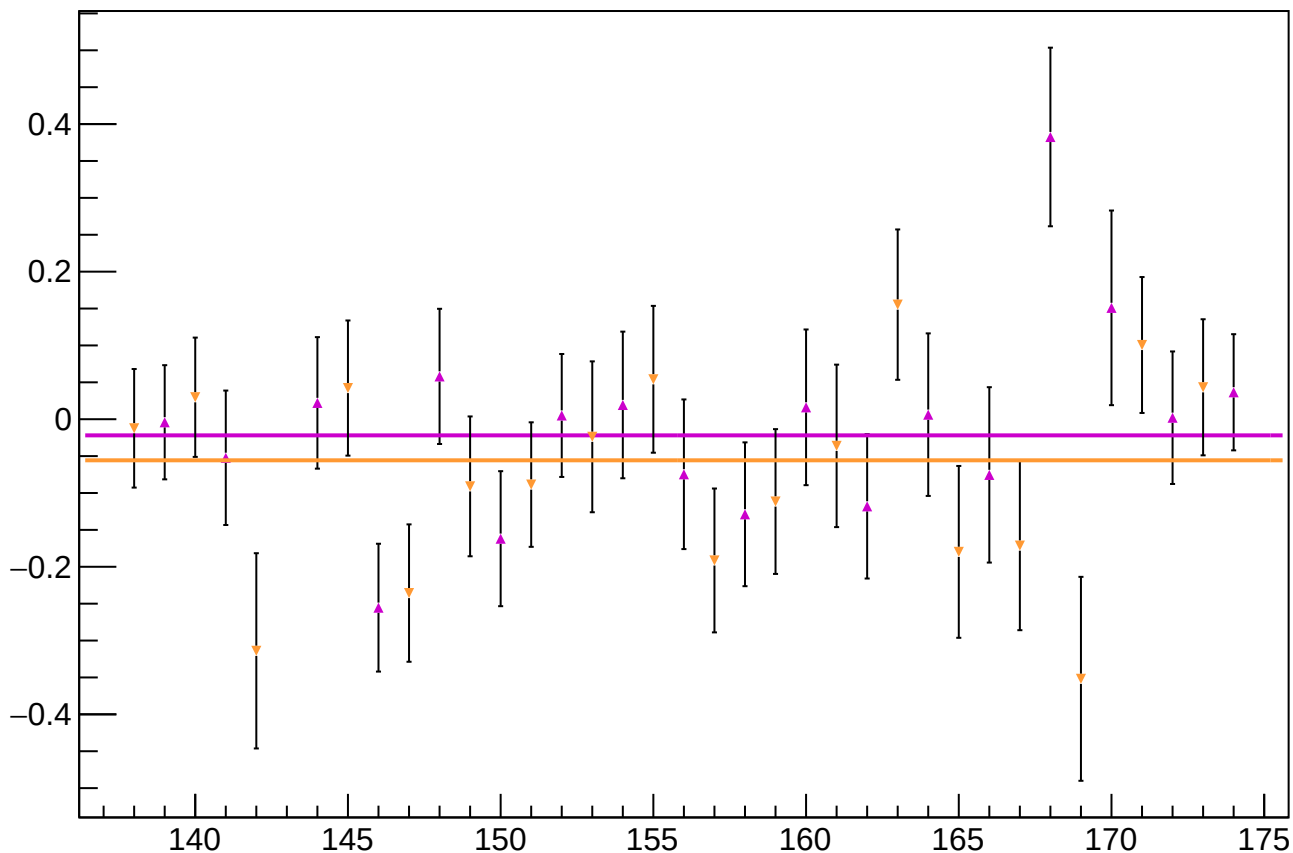
Left In: -1.110 ± 0.009 $\chi^2/\text{NDF}: 27772.8/17$

+ sign -0.977 ± 0.008 $\chi^2/\text{NDF}: 46032.2/33$

All: -1.083 ± 0.006 $\chi^2/\text{NDF}: 152486.0/69$

- sign -1.184 ± 0.008 $\chi^2/\text{NDF}: 106141.9/35$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.056 $\pm$ 0.023 χ^2 /NDF: 29.1/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

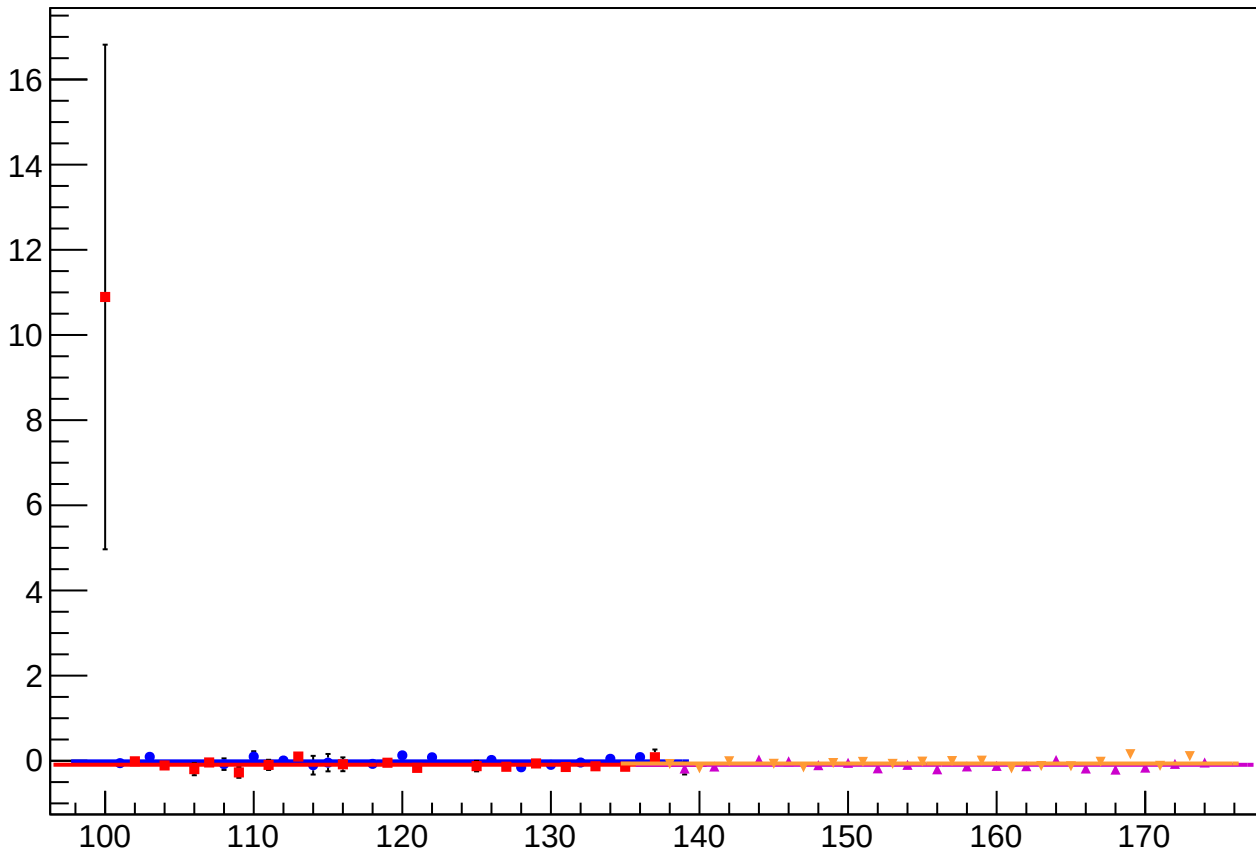
Left In: -0.022 $\pm$ 0.022 χ^2 /NDF: 27.4/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.038 $\pm$ 0.016 χ^2 /NDF: 57.6/35

- sign 0.000 $\pm$ 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: -0.064 ± 0.016 χ^2/NDF : 25.0/17

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

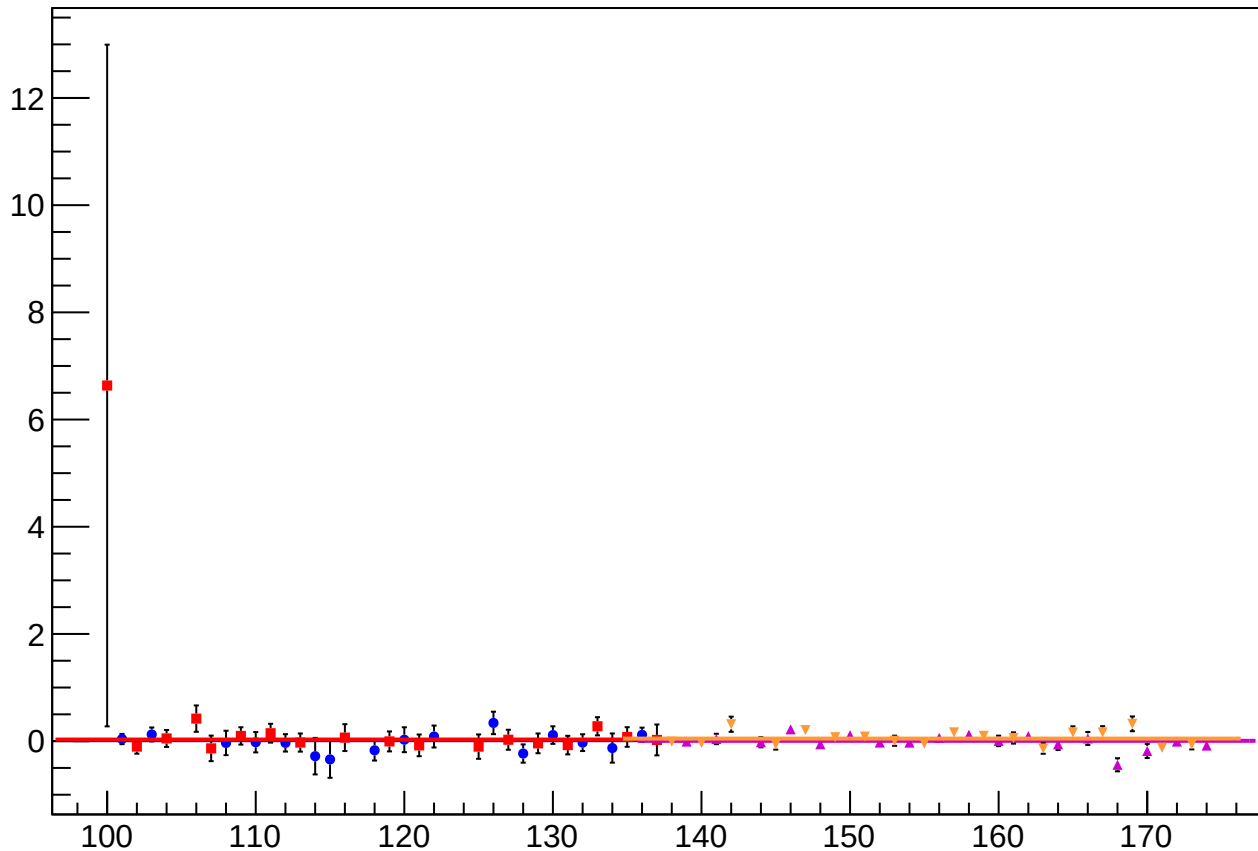
Left In: -0.094 ± 0.016 χ^2/NDF : 16.8/17

+ sign -0.047 ± 0.013 χ^2/NDF : 40.4/33

All: -0.070 ± 0.010 χ^2/NDF : 75.8/69

- sign -0.093 ± 0.014 χ^2/NDF : 29.4/35

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.047 $\pm$ 0.023 χ^2 /NDF: 27.0/17

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

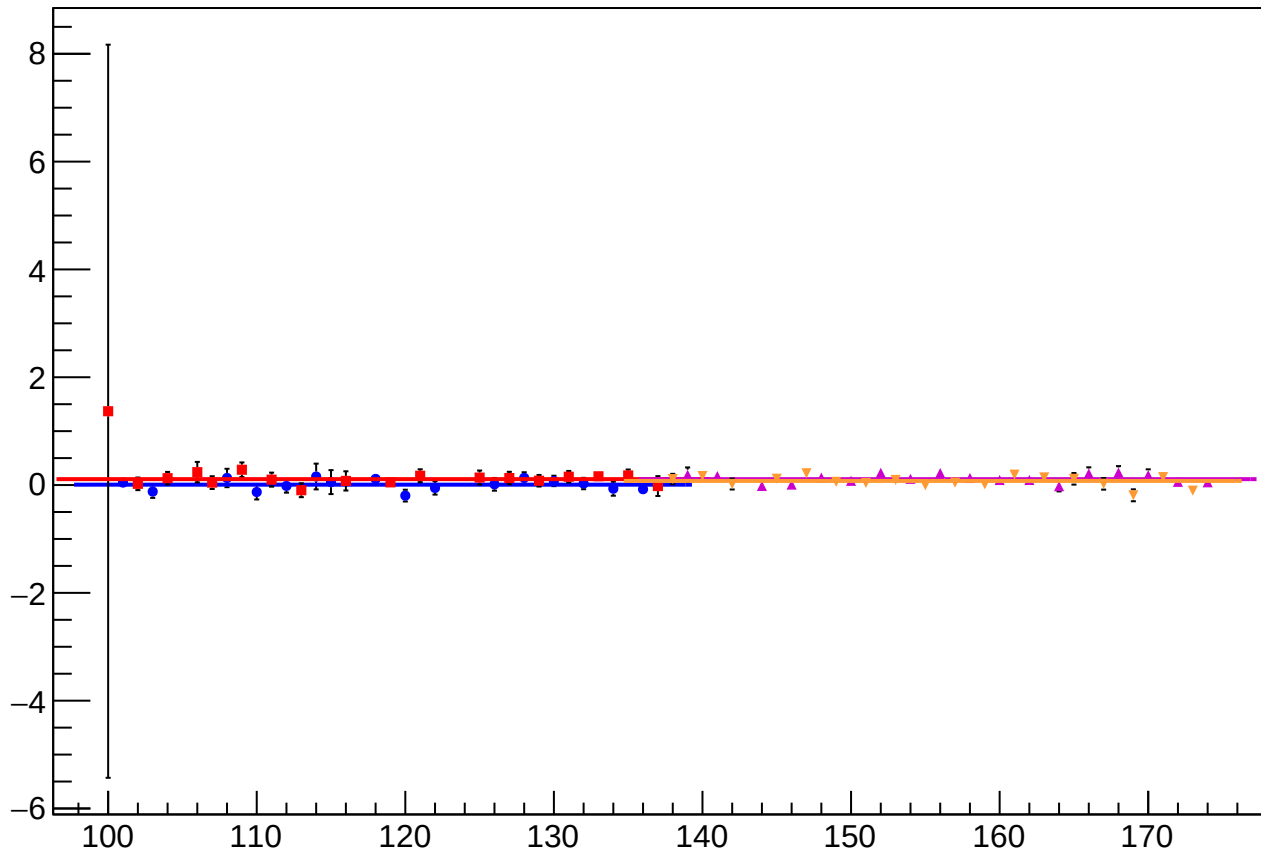
Left In: 0.006 $\pm$ 0.022 χ^2 /NDF: 29.0/17

+ sign 0.041 $\pm$ 0.020 χ^2 /NDF: 37.0/33

All: 0.025 $\pm$ 0.014 χ^2 /NDF: 76.7/69

- sign 0.010 $\pm$ 0.020 χ^2 /NDF: 38.5/35

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.077 $\pm$ 0.019 χ^2 /NDF: 24.8/17

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

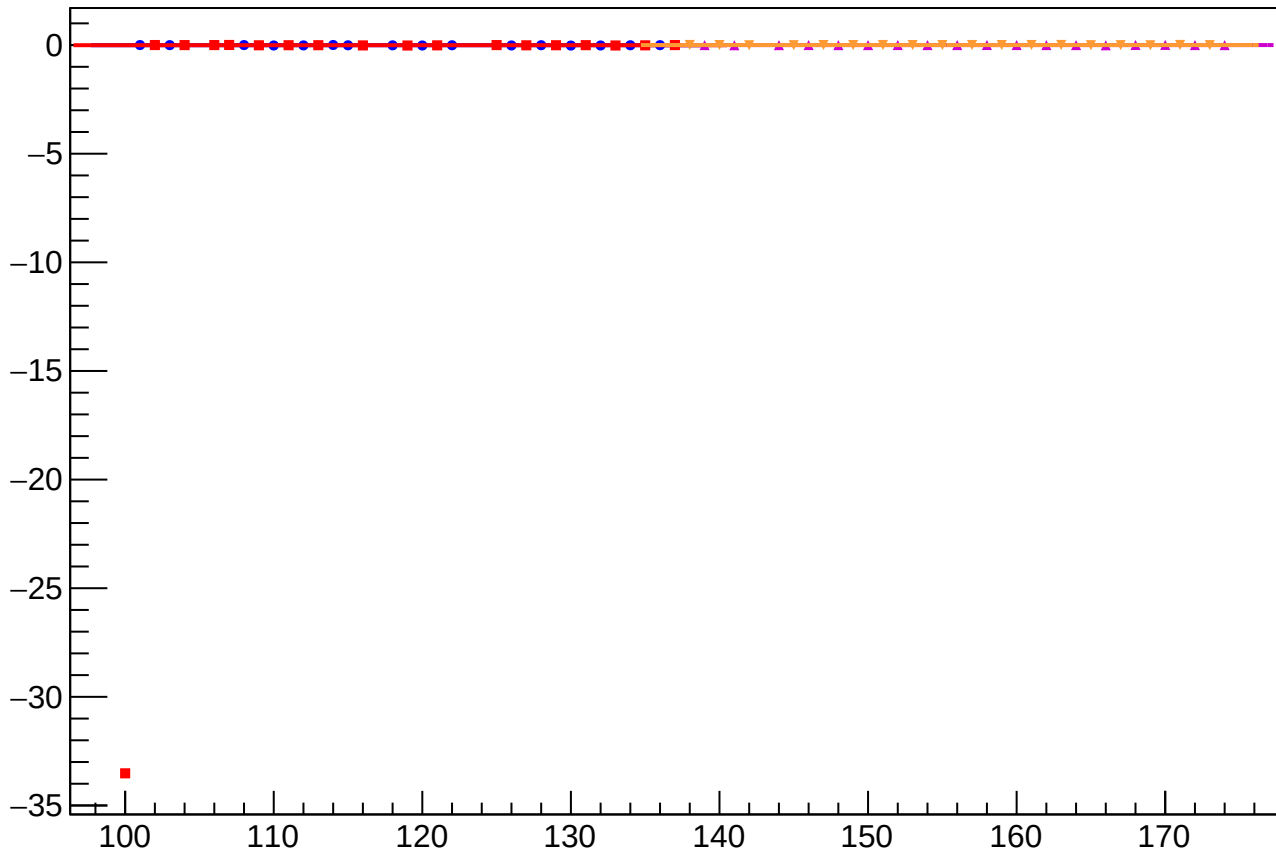
Left In: 0.109 $\pm$ 0.019 χ^2 /NDF: 16.3/17

+ sign 0.053 $\pm$ 0.016 χ^2 /NDF: 41.4/33

All: 0.081 $\pm$ 0.011 χ^2 /NDF: 72.1/69

- sign 0.110 $\pm$ 0.016 χ^2 /NDF: 24.3/35

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 22.6/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 18.5/17

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

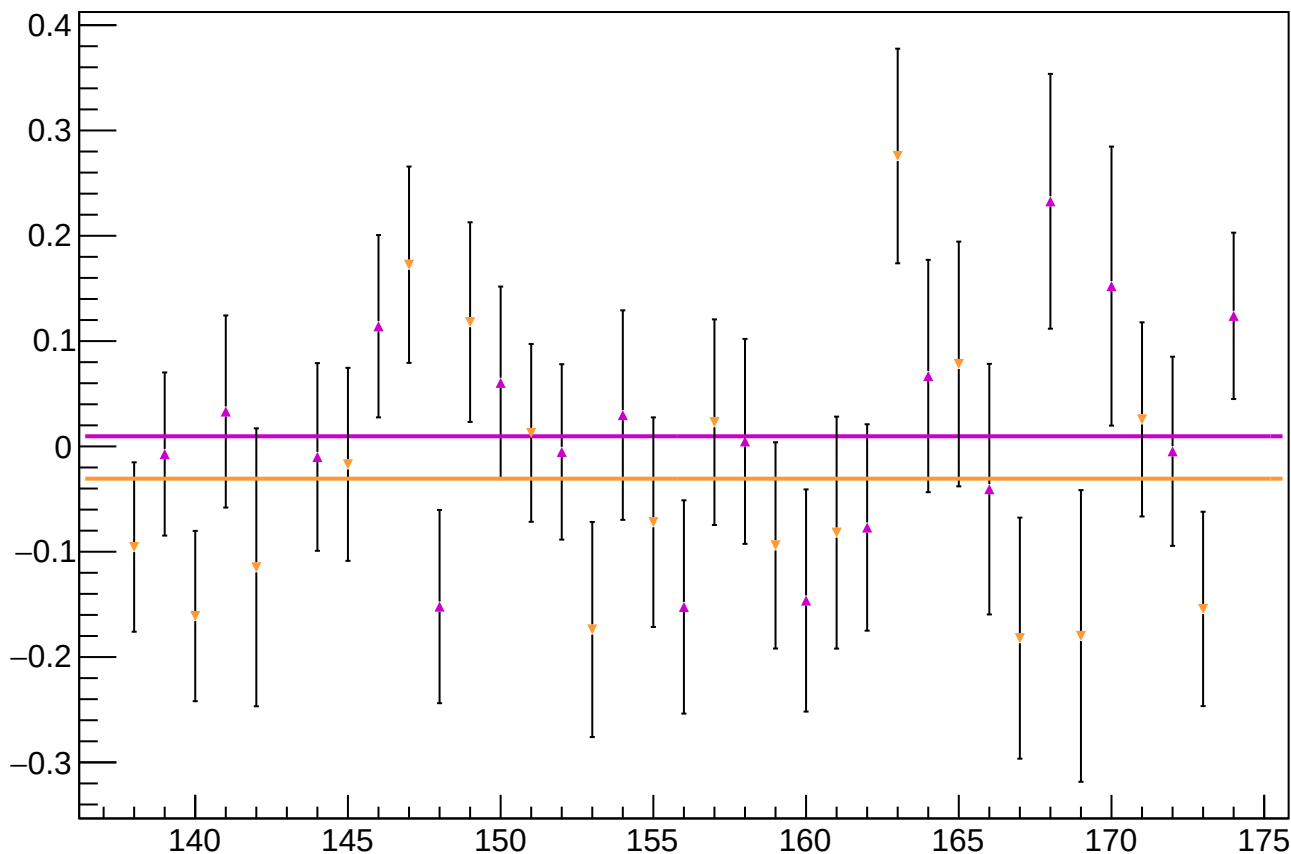
Left In: 0.000 ± 0.001 χ^2/NDF : 15.5/17

+ sign -0.001 ± 0.001 χ^2/NDF : 55.1/33

All: -0.001 ± 0.001 χ^2/NDF : 26593.4/69

- sign -0.001 ± 0.001 χ^2/NDF : 26538.1/35

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.031 $\pm$ 0.023 χ^2 /NDF: 29.2/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

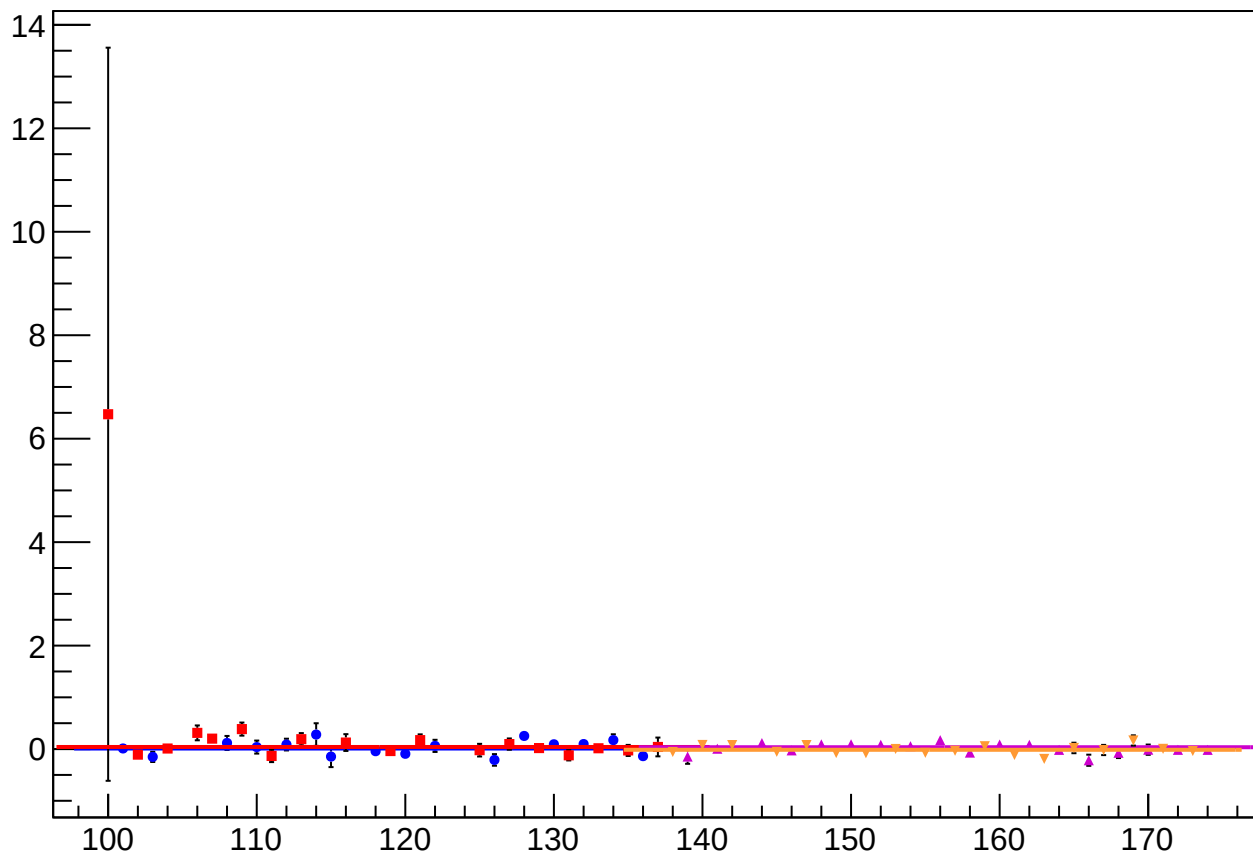
Left In: 0.010 $\pm$ 0.022 χ^2 /NDF: 17.8/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.016 χ^2 /NDF: 48.6/35

- sign 0.000 $\pm$ 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: -0.014 ± 0.016 χ^2/NDF : 23.1/17

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

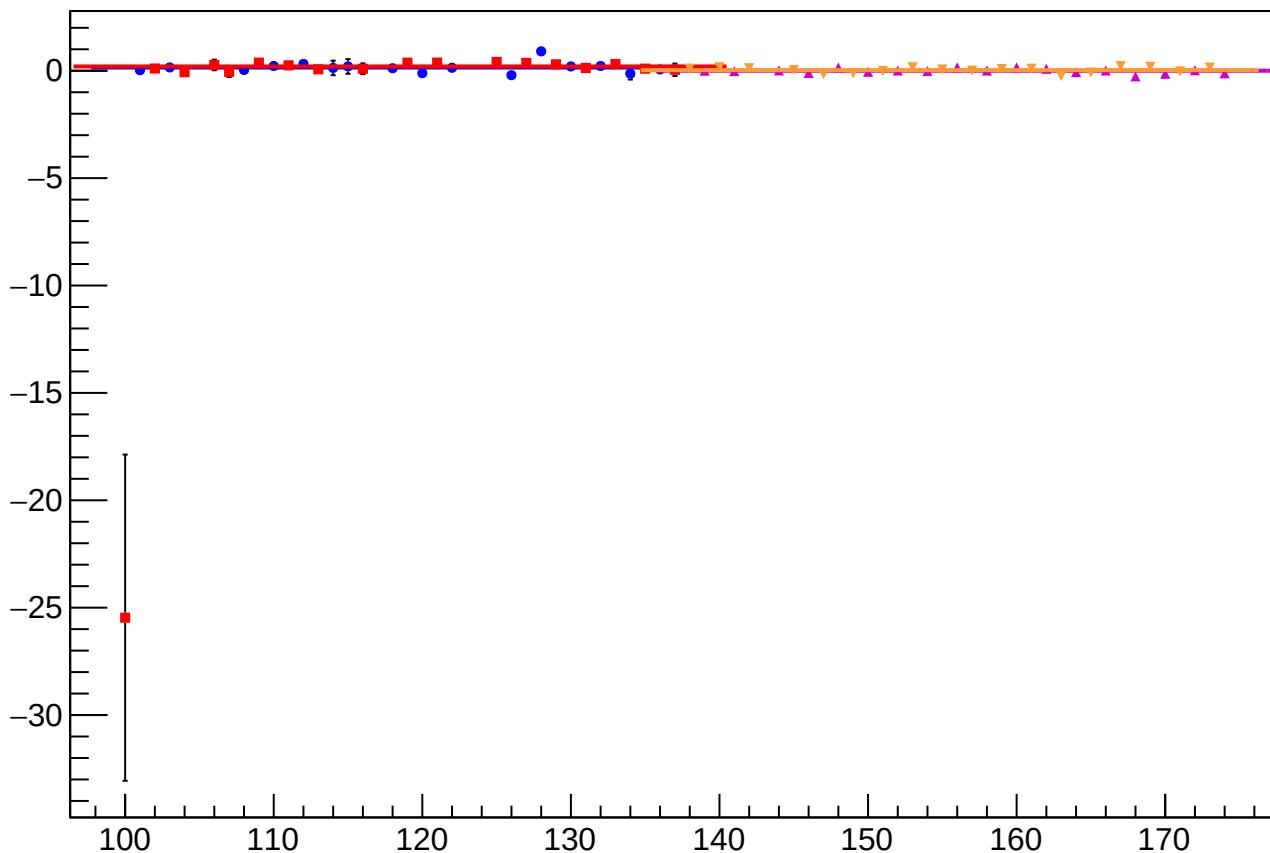
Left In: 0.035 ± 0.016 χ^2/NDF : 23.1/17

+ sign -0.006 ± 0.013 χ^2/NDF : 49.3/33

All: 0.015 ± 0.010 χ^2/NDF : 105.3/69

- sign 0.037 ± 0.014 χ^2/NDF : 51.0/35

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.029 ± 0.023 χ^2/NDF : 28.3/17

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

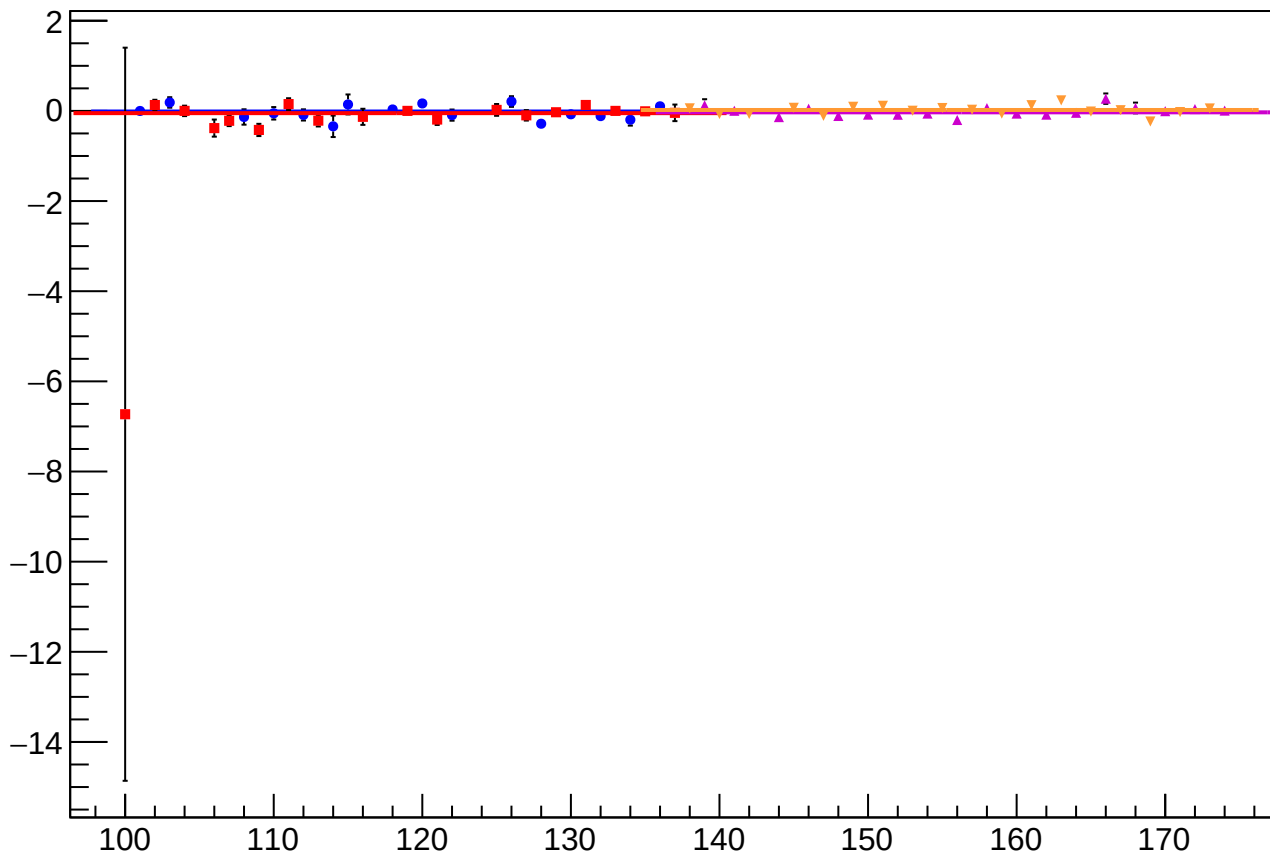
Left In: 0.001 ± 0.022 χ^2/NDF : 19.4/17

+ sign 0.056 ± 0.020 χ^2/NDF : 63.5/33

All: 0.048 ± 0.014 χ^2/NDF : 121.8/69

- sign 0.040 ± 0.020 χ^2/NDF : 58.0/35

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.020 ± 0.019 χ^2/NDF : 26.2/17

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

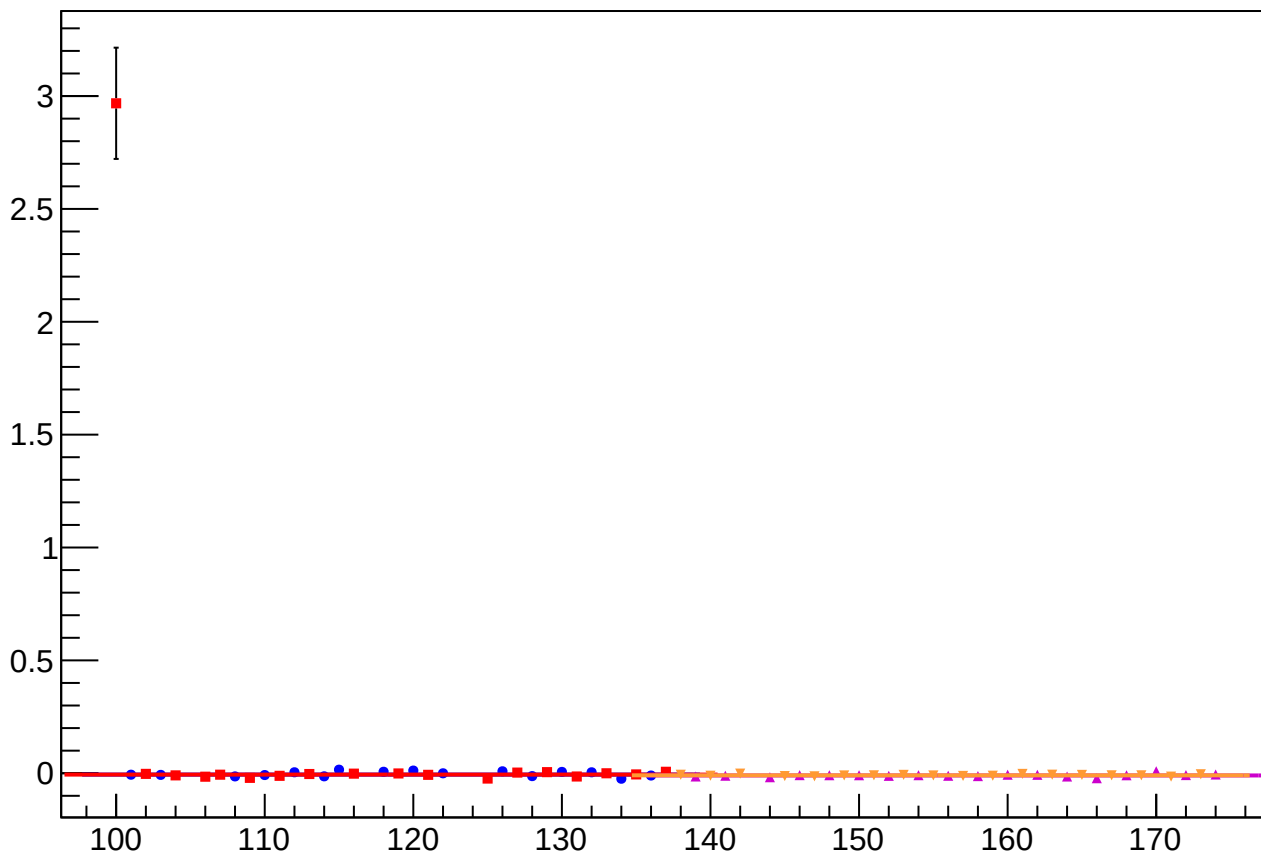
Left In: -0.032 ± 0.019 χ^2/NDF : 23.5/17

+ sign 0.009 ± 0.016 χ^2/NDF : 52.4/33

All: -0.014 ± 0.011 χ^2/NDF : 106.2/69

- sign -0.037 ± 0.016 χ^2/NDF : 49.5/35

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 14.1/17

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

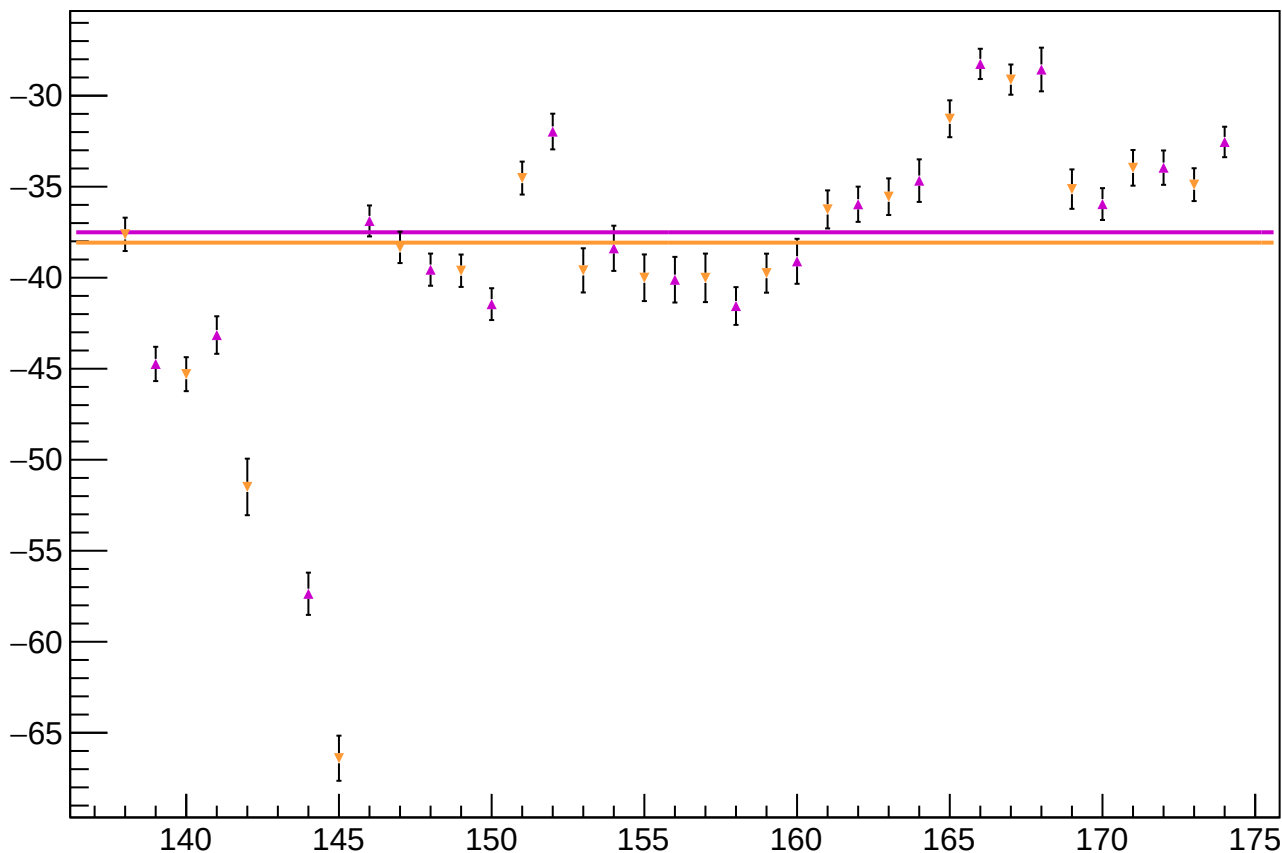
Left In: -0.010 ± 0.001 χ^2/NDF : 32.1/17

+ sign -0.008 ± 0.001 χ^2/NDF : 46.8/33

All: -0.009 ± 0.001 χ^2/NDF : 250.0/69

- sign -0.009 ± 0.001 χ^2/NDF : 203.1/35

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -38.073 $\pm$ 0.240 χ^2 /NDF:892.1/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

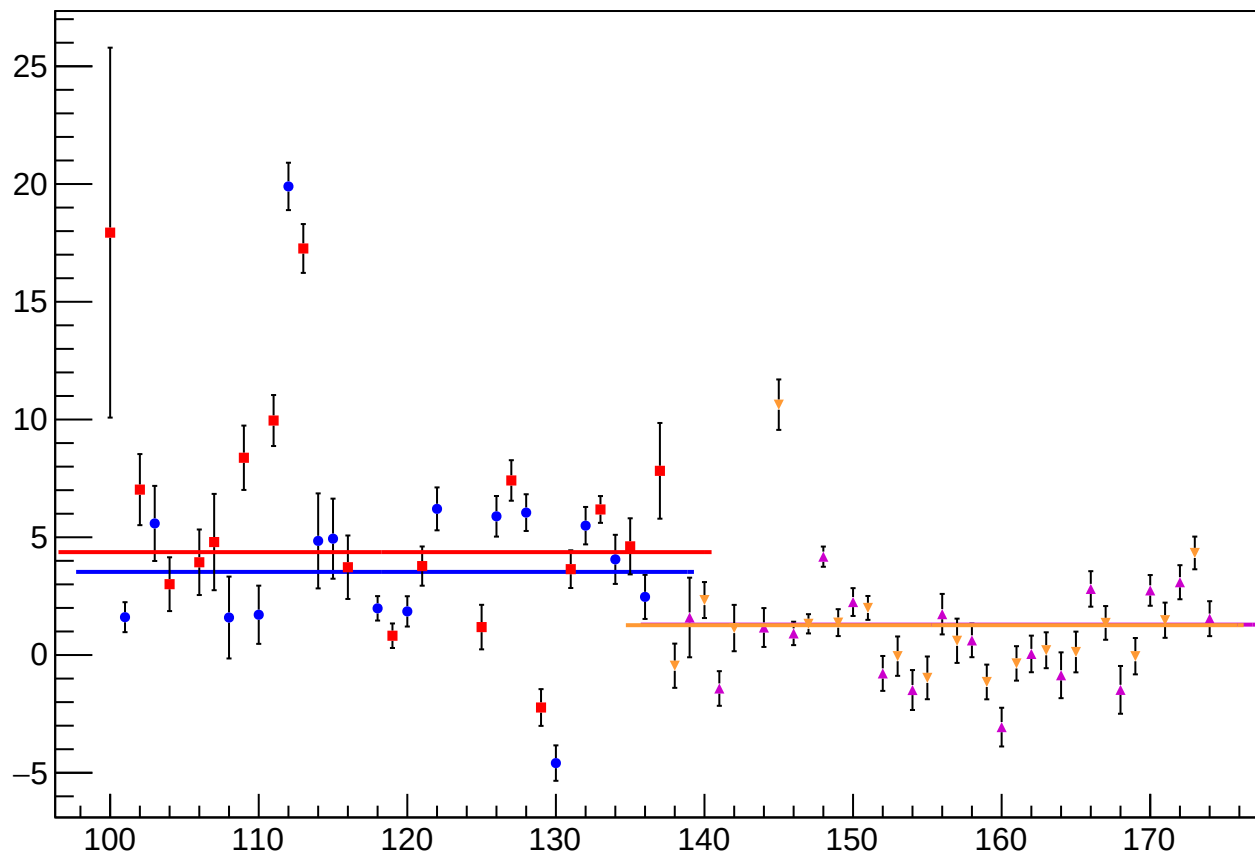
Left In: -37.505 $\pm$ 0.233 χ^2 /NDF:702.0/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.780 $\pm$ 0.167 χ^2 /NDF: 1597.0/35

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 1.267 ± 0.167 $\chi^2/\text{NDF}: 134.8/17$

Right Out: 4.370 ± 0.225 $\chi^2/\text{NDF}: 353.8/17$

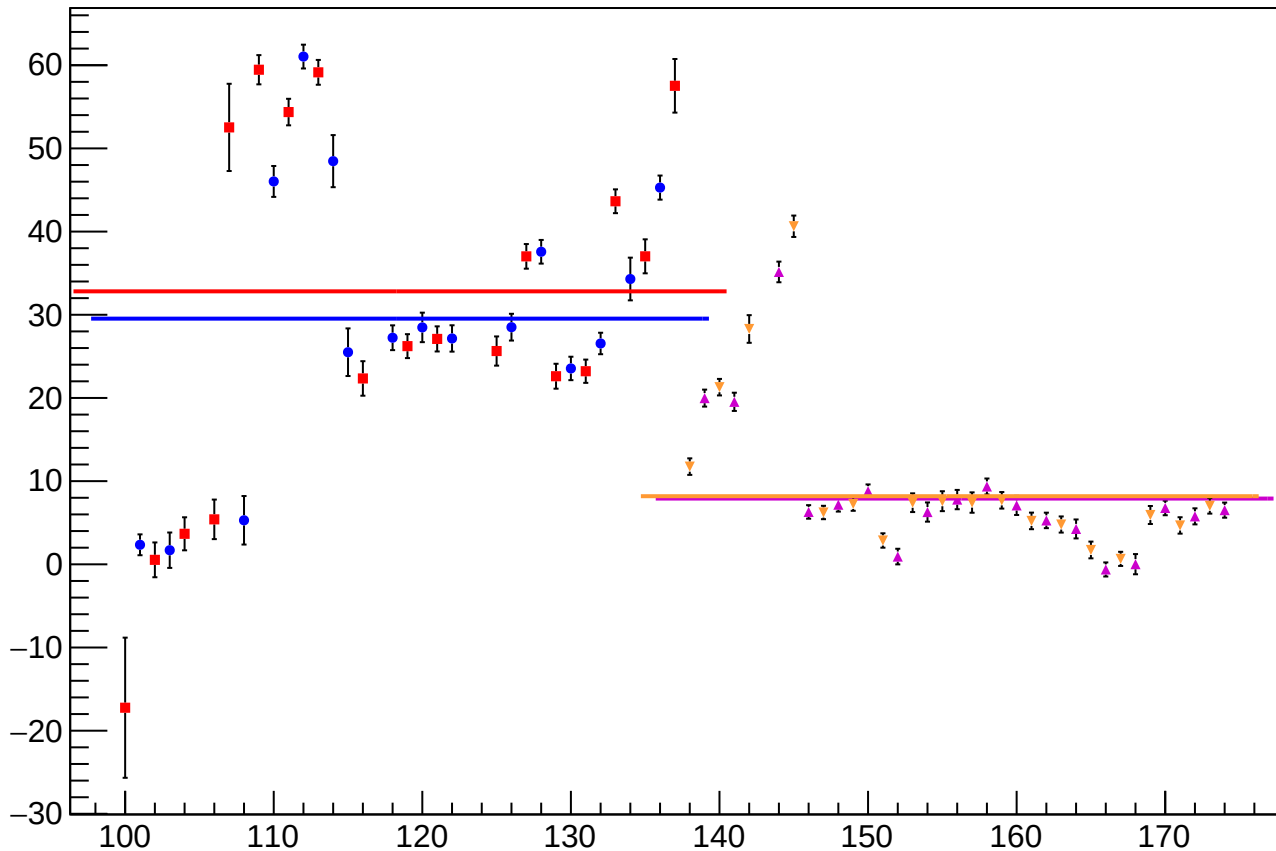
Left In: 1.291 ± 0.168 $\chi^2/\text{NDF}: 140.0/17$

+ sign 2.109 ± 0.133 $\chi^2/\text{NDF}: 649.4/33$

All: 2.246 ± 0.094 $\chi^2/\text{NDF}: 1265.6/69$

- sign 2.388 ± 0.135 $\chi^2/\text{NDF}: 614.0/35$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 ± 0.417 χ^2/NDF : 1494.9/15

Left Out: 8.189 ± 0.236 χ^2/NDF : 1175.4/17

Right Out: 32.816 ± 0.423 χ^2/NDF : 1659.3/17

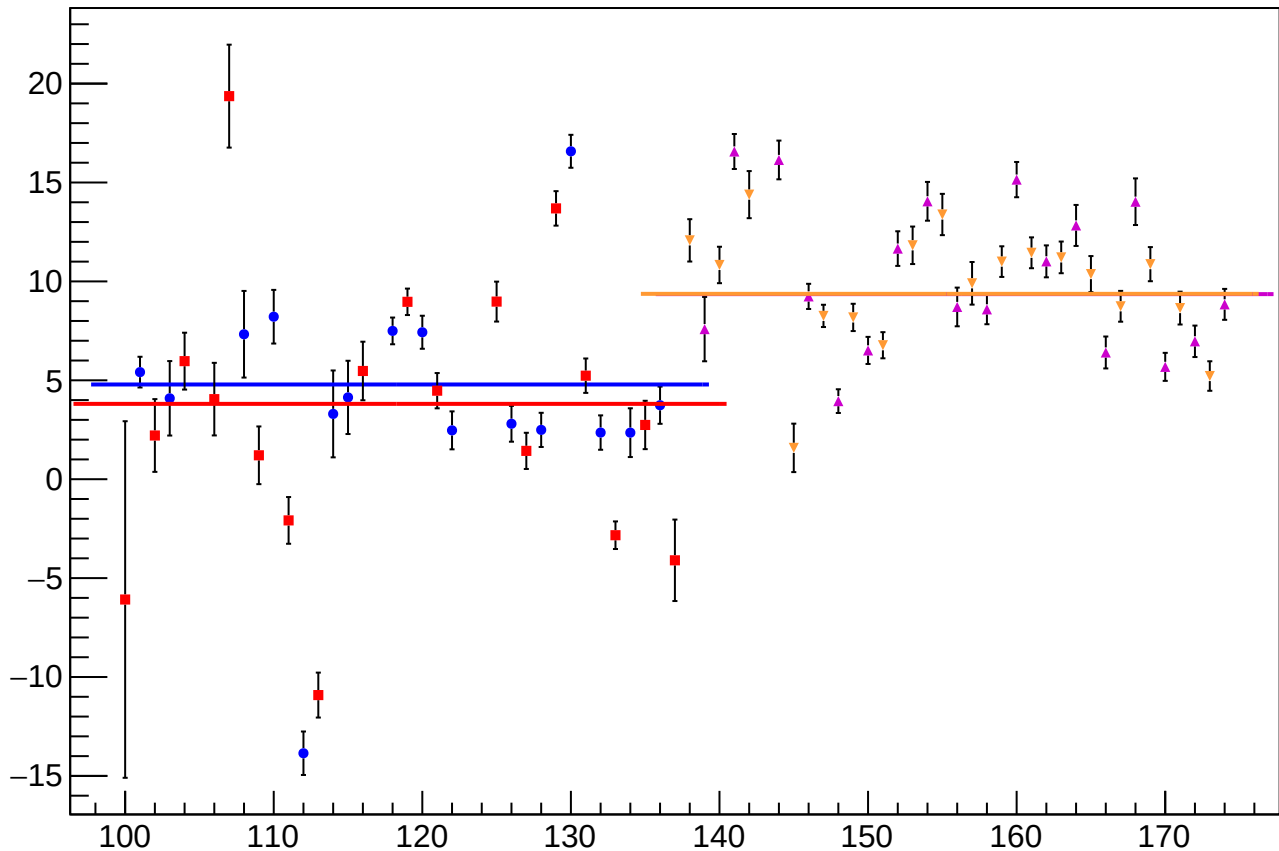
Left In: 7.905 ± 0.230 χ^2/NDF : 971.1/17

+ sign 13.376 ± 0.205 χ^2/NDF : 4656.2/33

All: 13.479 ± 0.144 χ^2/NDF : 9967.3/69

- sign 13.579 ± 0.202 χ^2/NDF : 5310.6/35

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 9.371 ± 0.195 χ^2/NDF : 164.6/17

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

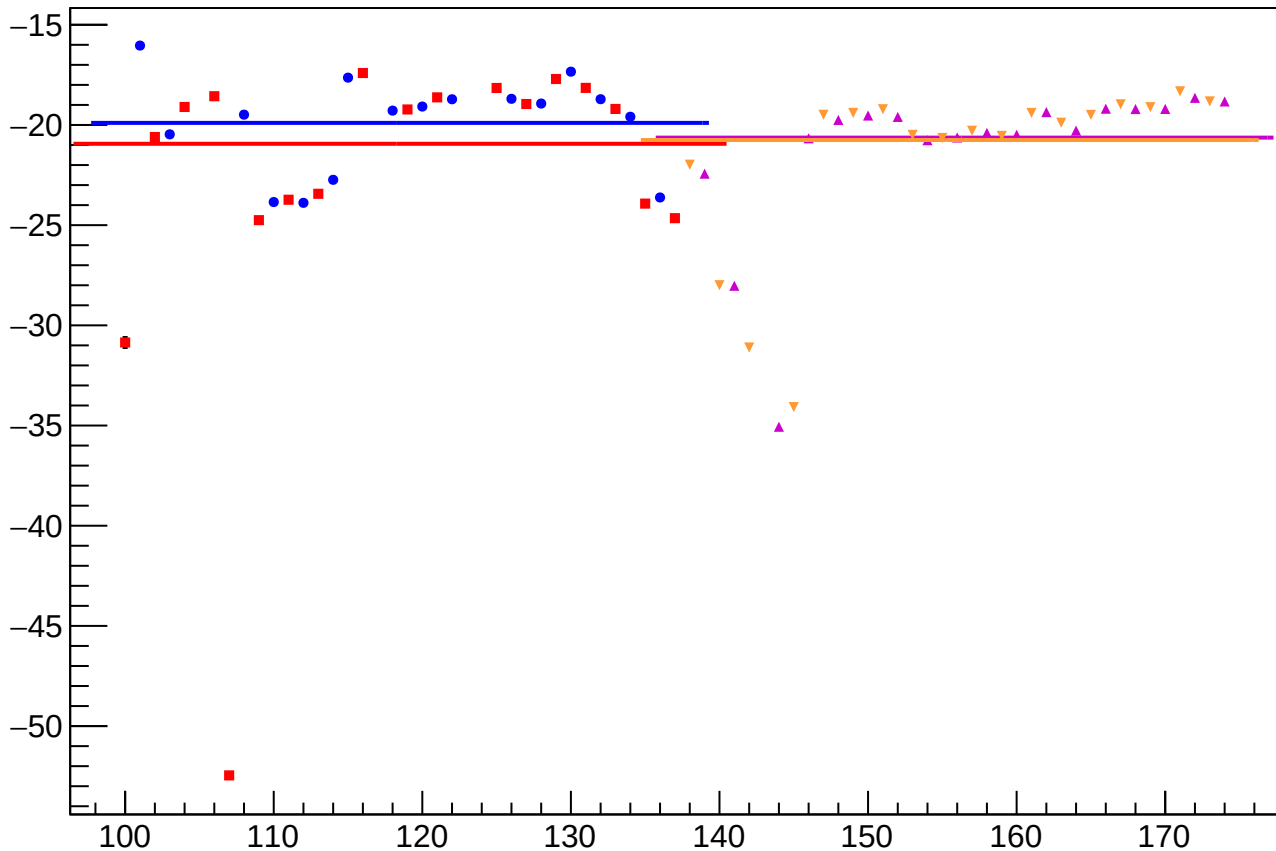
Left In: 9.357 ± 0.195 χ^2/NDF : 368.7/17

+ sign 7.643 ± 0.154 χ^2/NDF : 925.7/33

All: 7.500 ± 0.110 χ^2/NDF : 2157.3/69

- sign 7.355 ± 0.156 χ^2/NDF : 1229.9/35

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -20.751 ± 0.009 χ^2/NDF : 140933.2/17

Right Out: -20.938 ± 0.016 χ^2/NDF : 94065.2/17

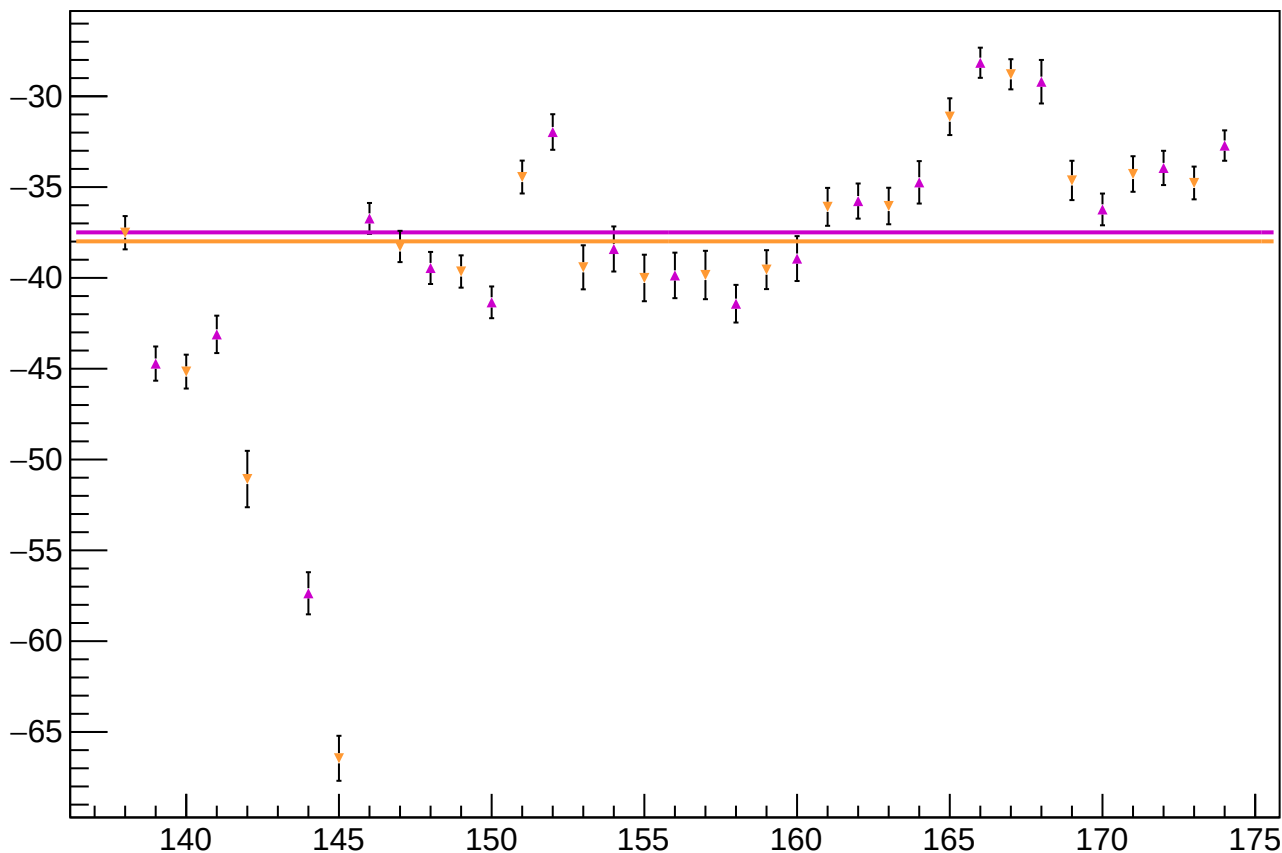
Left In: -20.631 ± 0.009 χ^2/NDF : 115079.5/17

+ sign -20.527 ± 0.008 χ^2/NDF : 169236.6/33

All: -20.619 ± 0.006 χ^2/NDF : 378930.3/69

- sign -20.707 ± 0.008 χ^2/NDF : 209433.7/35

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -37.988 $\pm$ 0.240 χ^2/NDF : 897.7/17

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

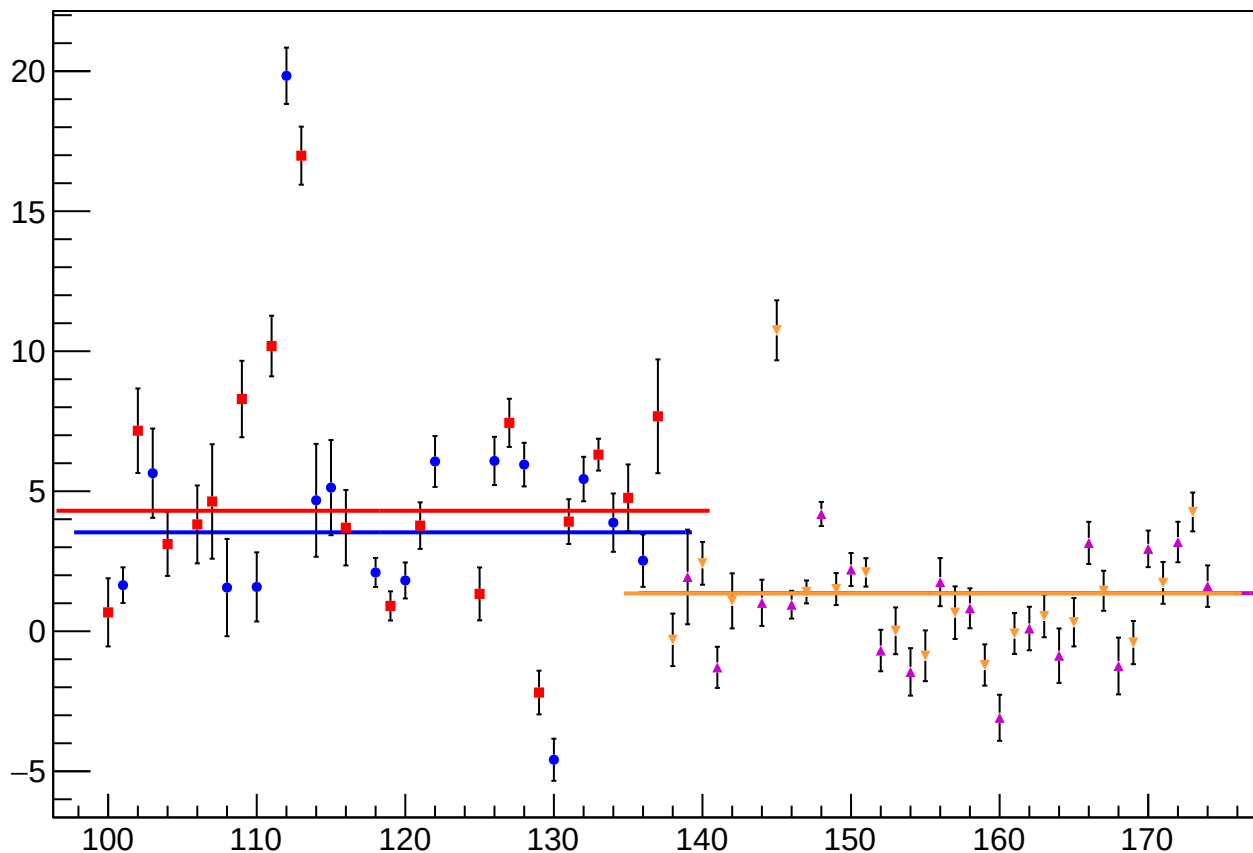
Left In: -37.493 $\pm$ 0.232 χ^2/NDF : 690.9/17

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -37.733 $\pm$ 0.167 χ^2/NDF : 1590.9/35

- sign 0.000 $\pm$ 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: 1.351 ± 0.167 χ^2/NDF : 135.1/17

Right Out: 4.303 ± 0.222 χ^2/NDF : 352.8/17

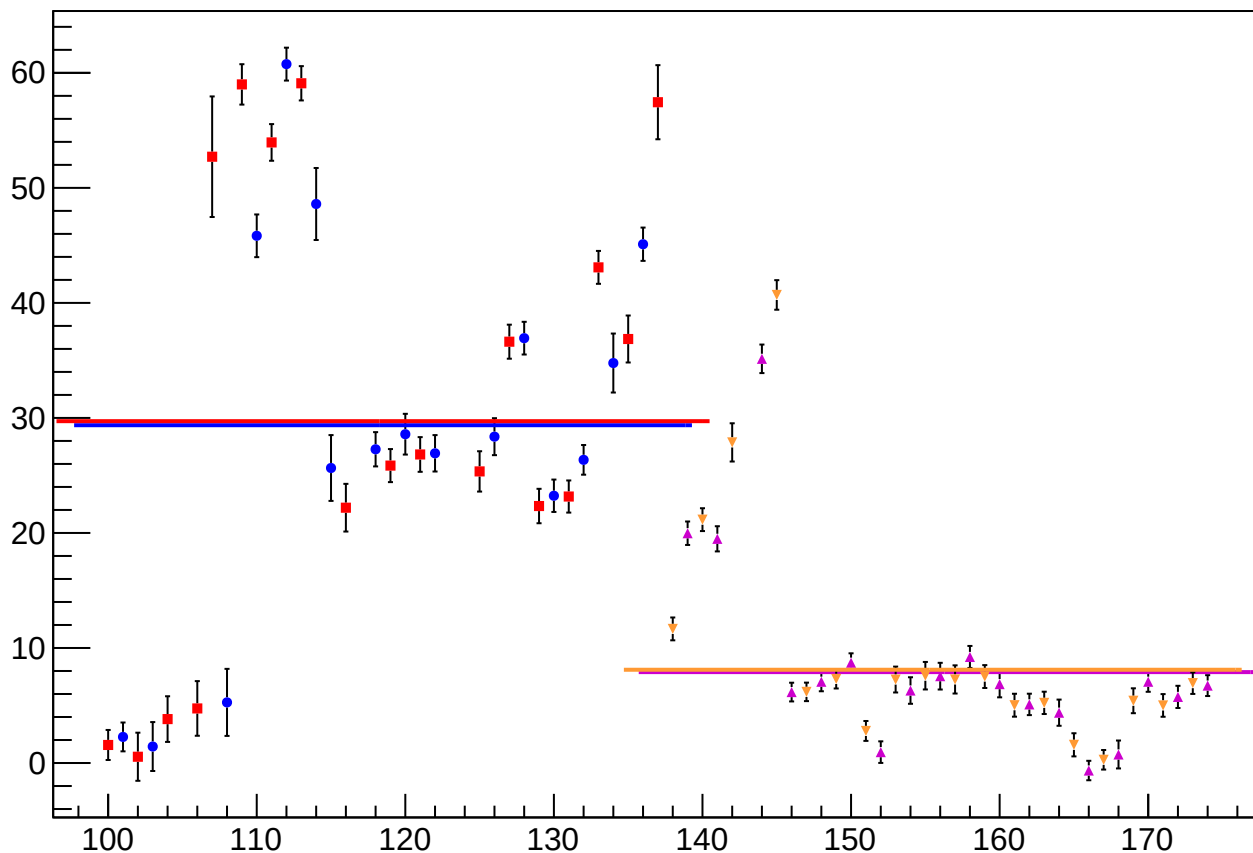
Left In: 1.360 ± 0.168 χ^2/NDF : 140.9/17

+ sign 2.163 ± 0.132 χ^2/NDF : 641.7/33

All: 2.296 ± 0.094 χ^2/NDF : 1249.6/69

- sign 2.432 ± 0.134 χ^2/NDF : 605.9/35

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 ± 0.416 $\chi^2/\text{NDF}: 1488.7/15$

Left Out: 8.107 ± 0.236 $\chi^2/\text{NDF}: 1178.6/17$

Right Out: 29.719 ± 0.402 $\chi^2/\text{NDF}: 2129.5/17$

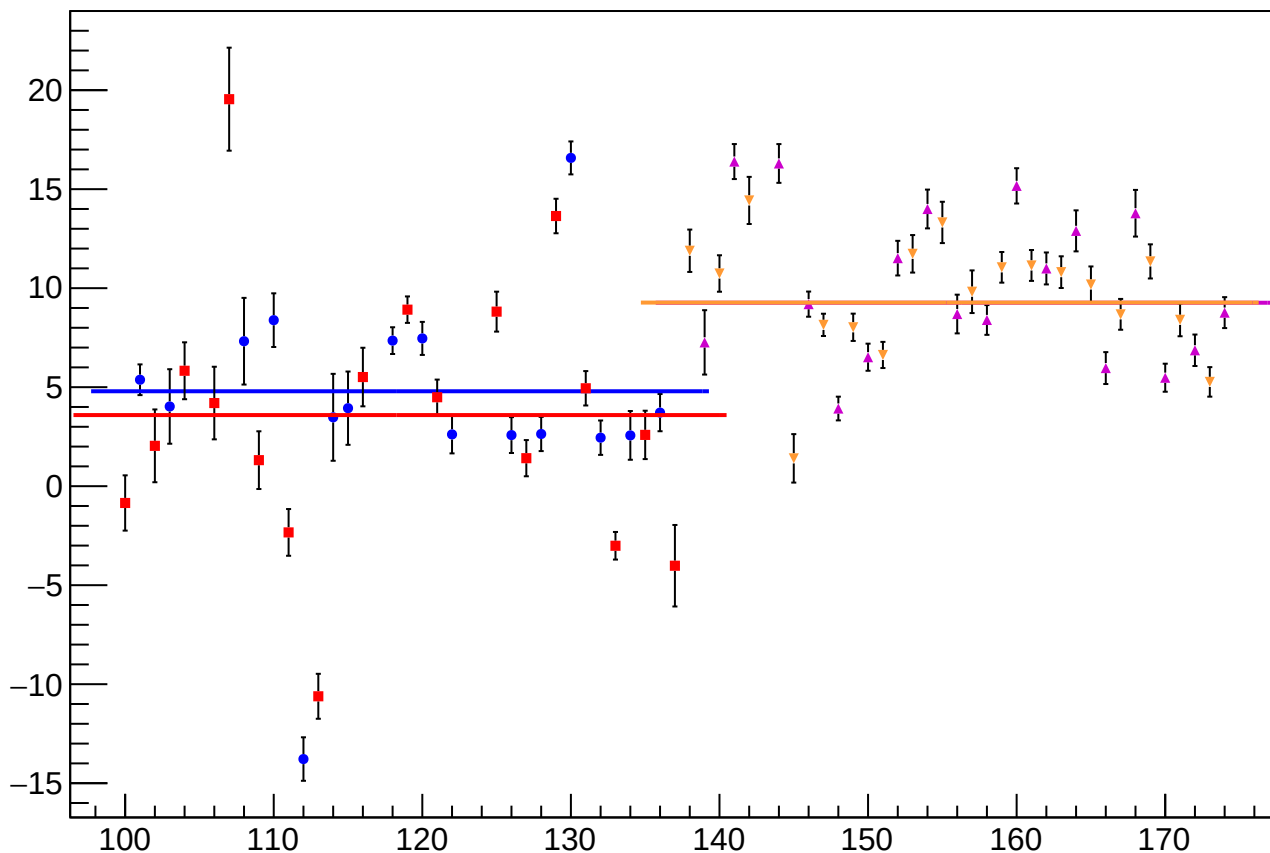
Left In: 7.903 ± 0.229 $\chi^2/\text{NDF}: 964.2/17$

+ sign 13.274 ± 0.205 $\chi^2/\text{NDF}: 4639.8/33$

All: 13.265 ± 0.143 $\chi^2/\text{NDF}: 9950.9/69$

- sign 13.256 ± 0.199 $\chi^2/\text{NDF}: 5311.2/35$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 χ^2/NDF : 550.0/15

Left Out: 9.273 ± 0.195 χ^2/NDF : 166.1/17

Right Out: 3.591 ± 0.254 χ^2/NDF : 573.3/17

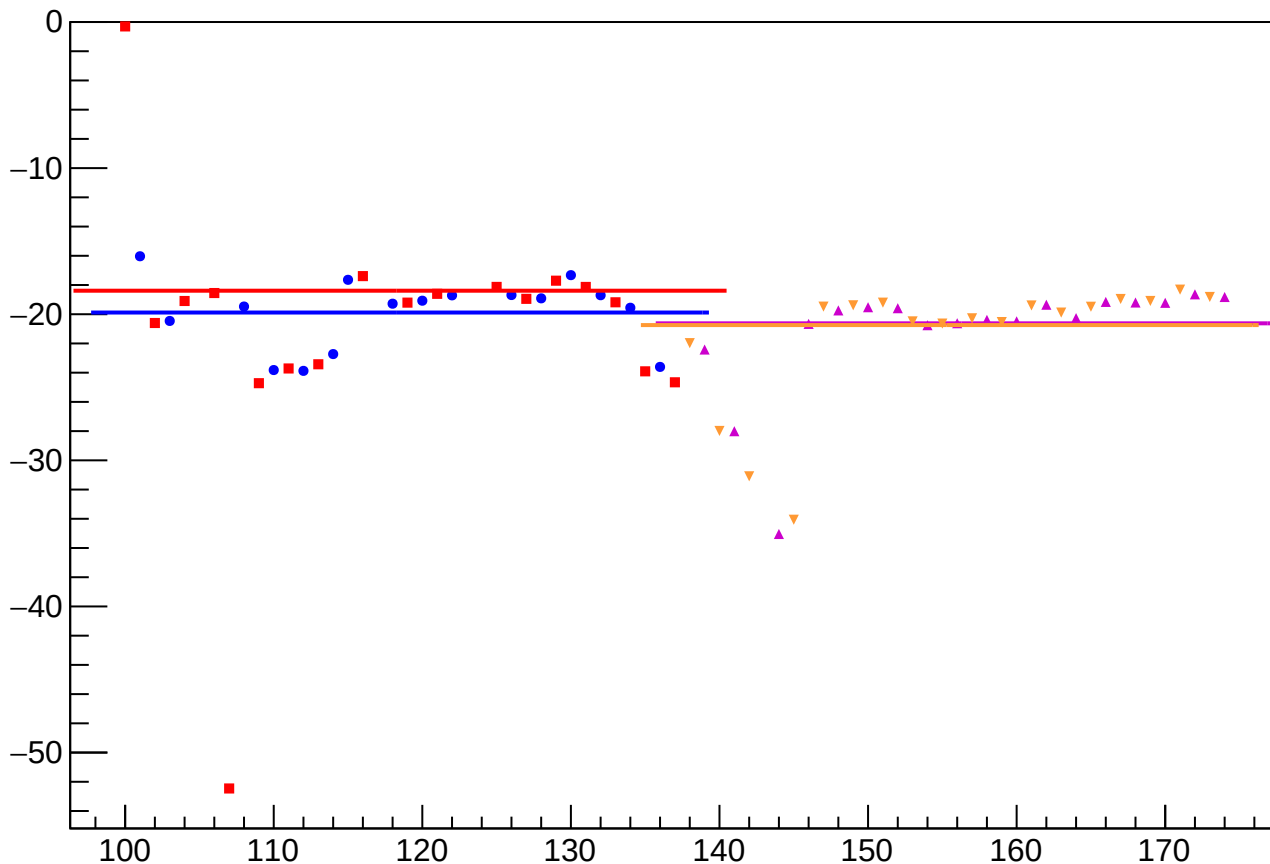
Left In: 9.264 ± 0.194 χ^2/NDF : 375.9/17

+ sign 7.584 ± 0.154 χ^2/NDF : 914.3/33

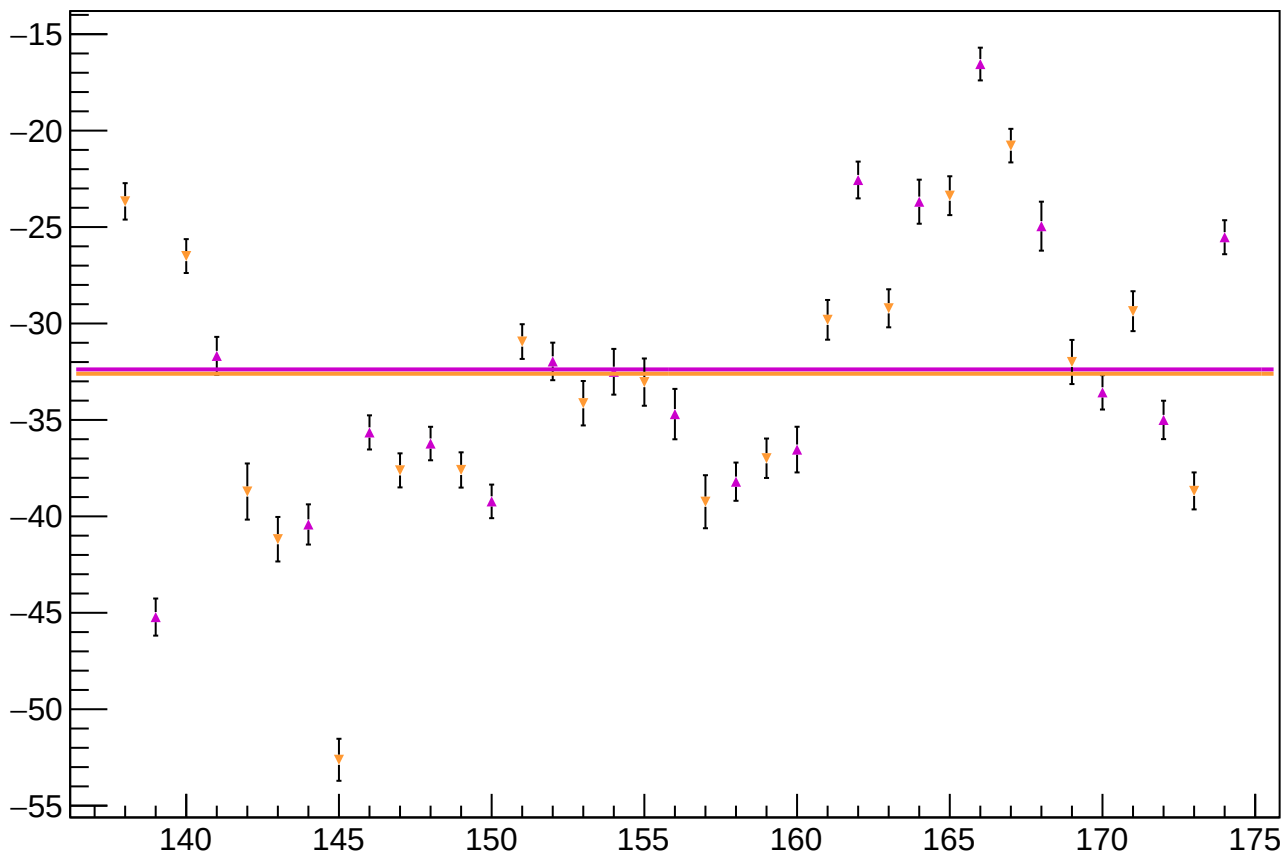
All: 7.379 ± 0.109 χ^2/NDF : 2181.0/69

- sign 7.174 ± 0.154 χ^2/NDF : 1263.1/35

reg_asym_left_dd_diff_bpm12X_slope vs Slug



reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -32.606+/-0.235 χ^2/NDF : 995.5/18

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

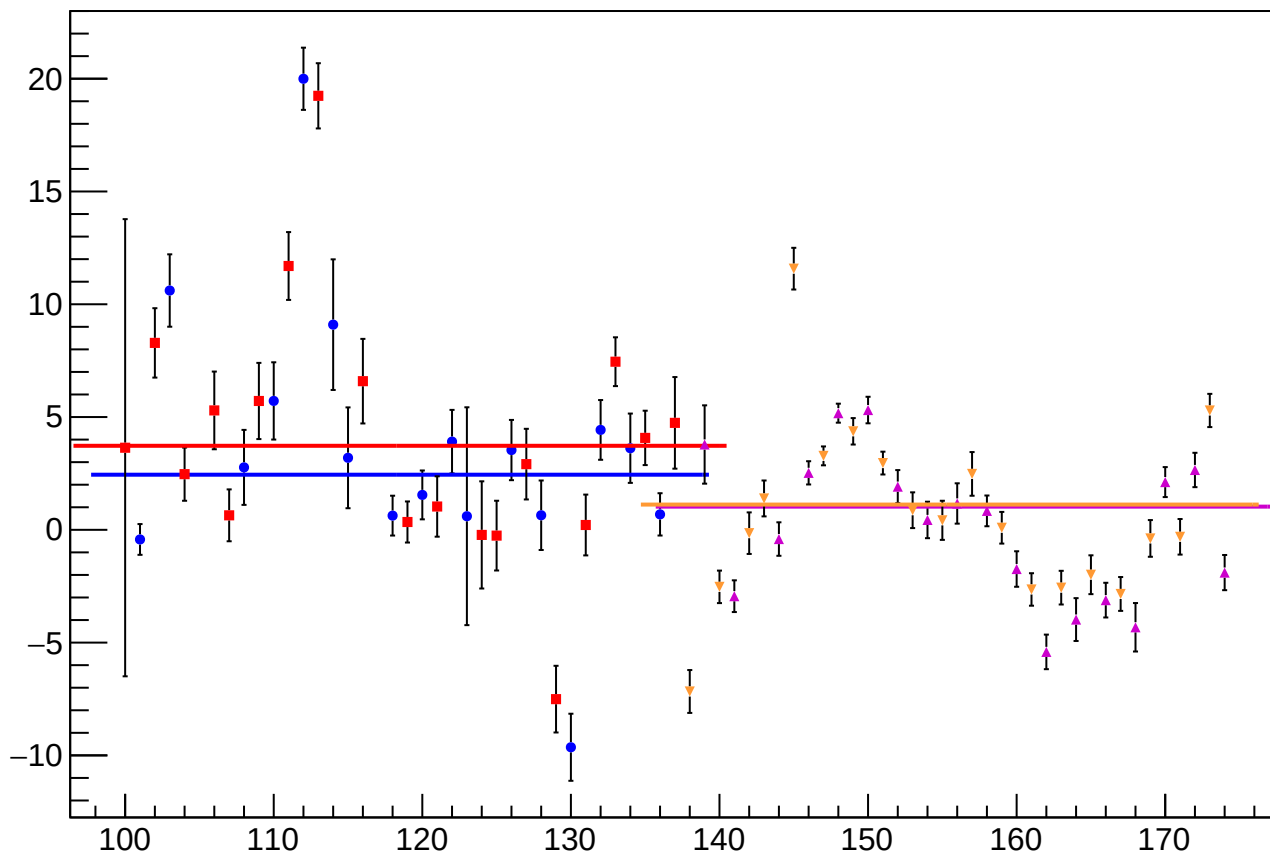
Left In: -32.381+/-0.233 χ^2/NDF : 998.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.493+/-0.165 χ^2/NDF : 1994.7/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: 1.120 ± 0.164 χ^2/NDF : 438.5/18

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

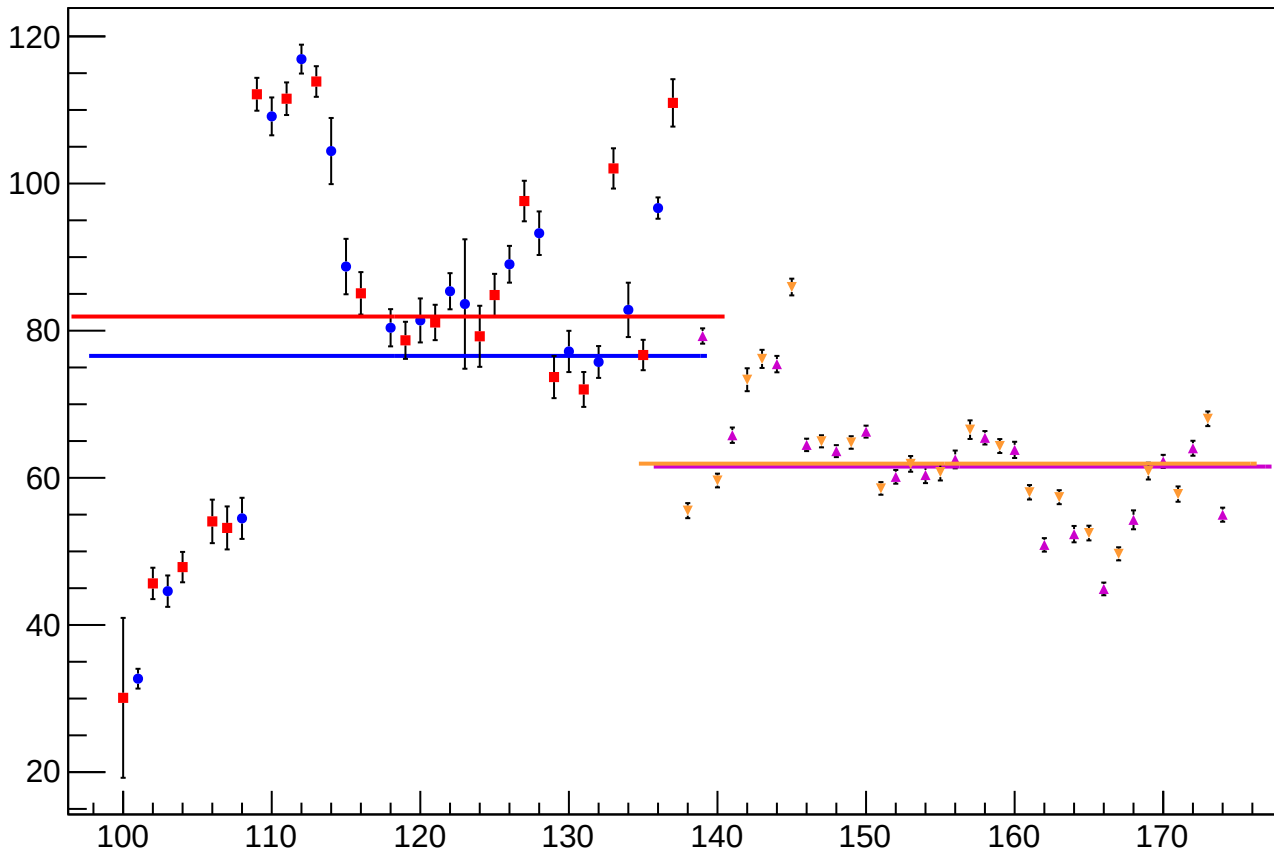
Left In: 1.028 ± 0.167 χ^2/NDF : 384.4/17

+ sign 1.407 ± 0.145 χ^2/NDF : 748.0/35

All: 1.494 ± 0.104 χ^2/NDF : 1456.2/72

- sign 1.587 ± 0.149 χ^2/NDF : 707.5/36

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2/NDF : 2253.6/16

Left Out: 61.928 $\pm$ 0.232 χ^2/NDF :1109.1/18

Right Out: 81.923 $\pm$ 0.592 χ^2/NDF : 1570.6/18

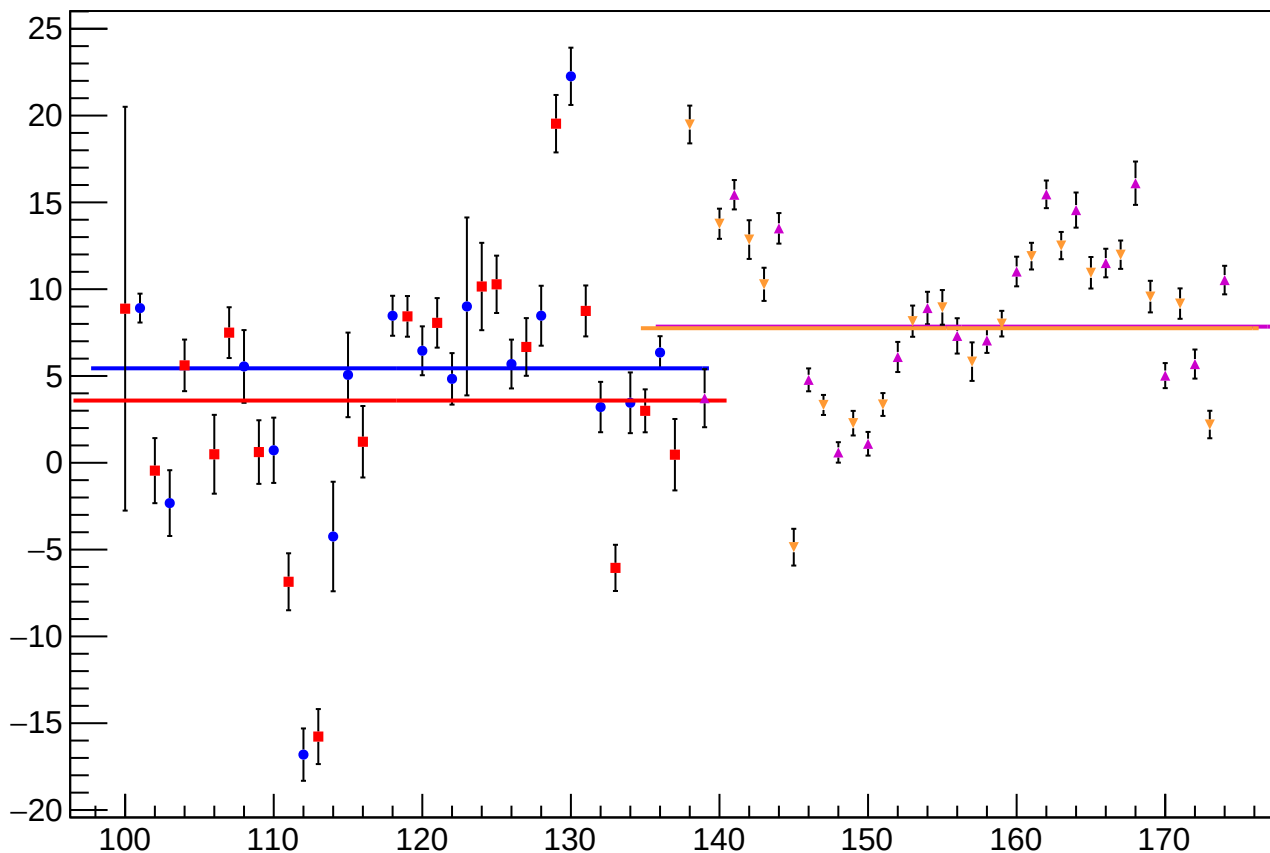
Left In: 61.530 $\pm$ 0.230 χ^2/NDF :1200.5/17

+ sign 63.987 $\pm$ 0.215 χ^2/NDF : 3923.4/35

All: 64.091 $\pm$ 0.152 χ^2/NDF : 7726.9/72

- sign 64.195 $\pm$ 0.214 χ^2/NDF : 3803.0/36

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 χ^2/NDF : 387.5/16

Left Out: 7.751 ± 0.191 χ^2/NDF : 662.8/18

Right Out: 3.585 ± 0.375 χ^2/NDF : 423.2/18

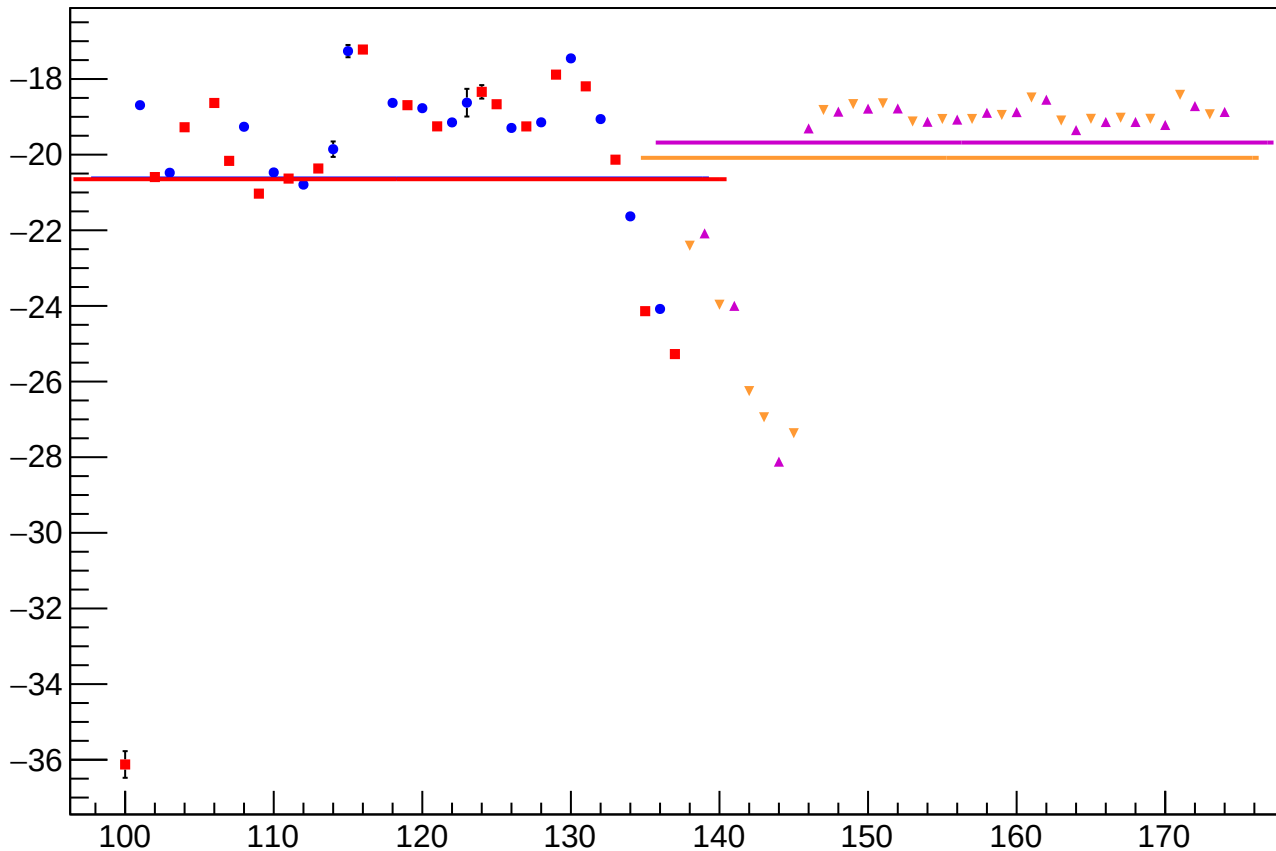
Left In: 7.843 ± 0.194 χ^2/NDF : 651.2/17

+ sign 7.236 ± 0.169 χ^2/NDF : 1082.7/35

All: 7.094 ± 0.121 χ^2/NDF : 2260.2/72

- sign 6.946 ± 0.172 χ^2/NDF : 1176.0/36

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF : 12490.5/16

Left Out: -20.084+/-0.009 χ^2/NDF : 82282.8/18

Right Out: -20.650+/-0.019 χ^2/NDF : 13885.7/18

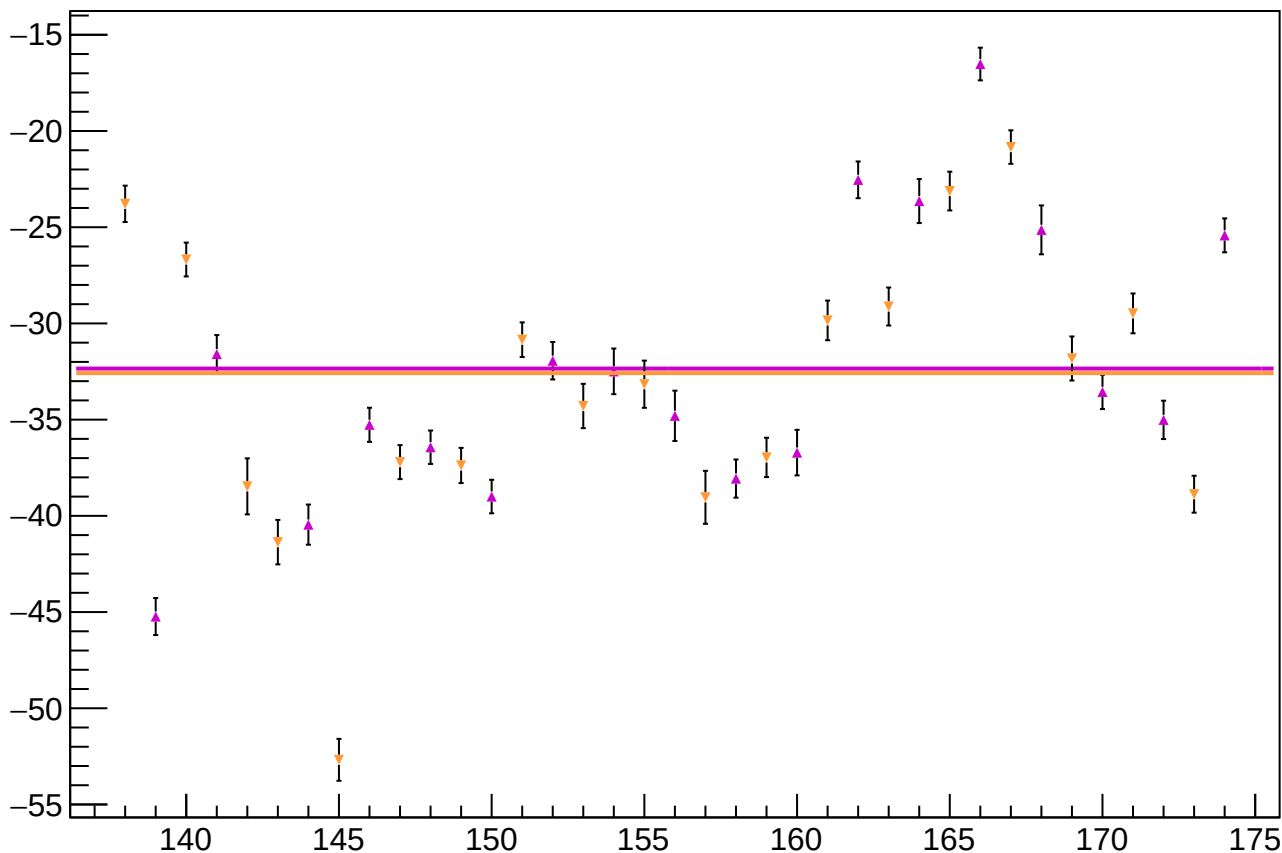
Left In: -19.680+/-0.009 χ^2/NDF : 50689.5/17

+ sign -20.184+/-0.008 χ^2/NDF : 95430.0/35

All: -20.015+/-0.006 χ^2/NDF : 162883.1/72

- sign -19.851+/-0.008 χ^2/NDF : 66626.4/36

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.583+/-0.235 χ^2/NDF : 989.5/18

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

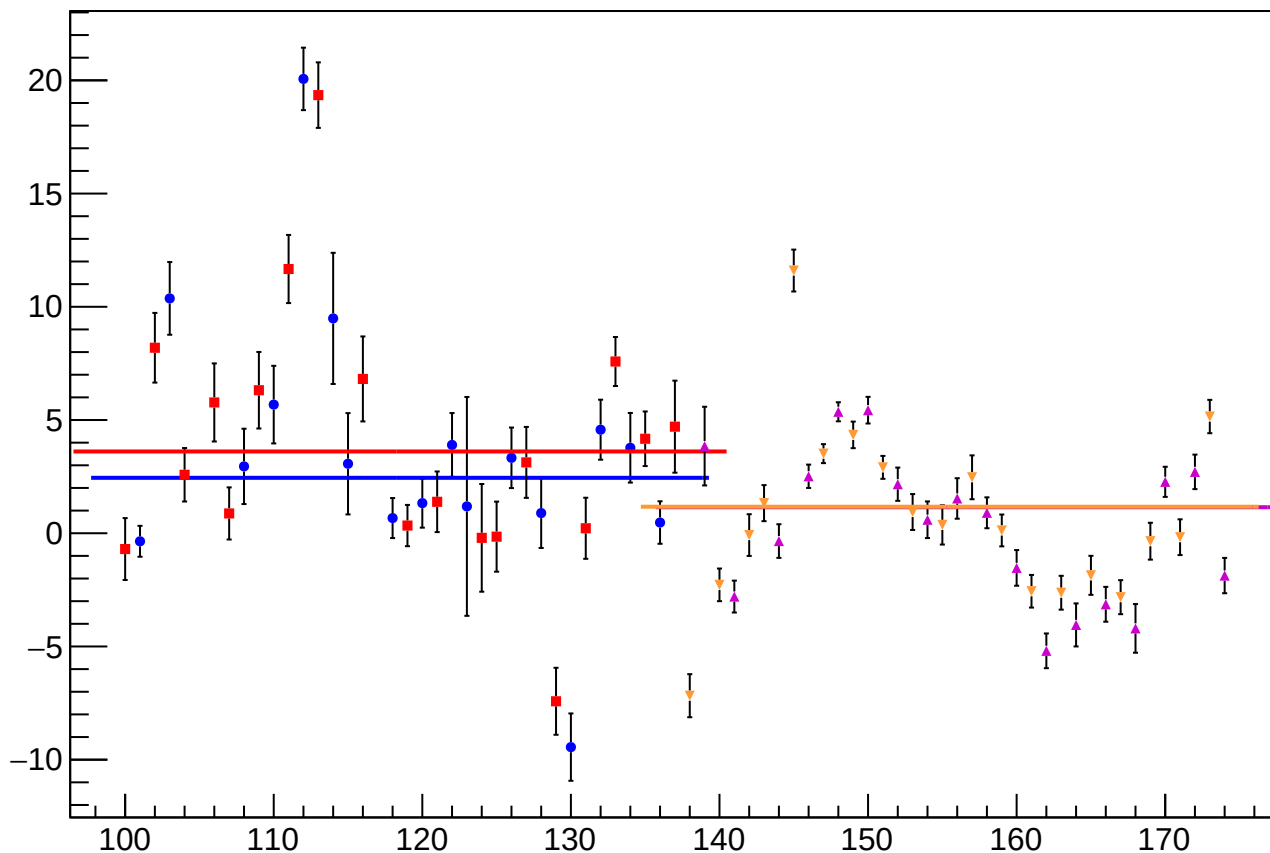
Left In: -32.345+/-0.233 χ^2/NDF : 995.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.463+/-0.165 χ^2/NDF : 1985.8/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 1.171 ± 0.164 χ^2/NDF : 435.3/18

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

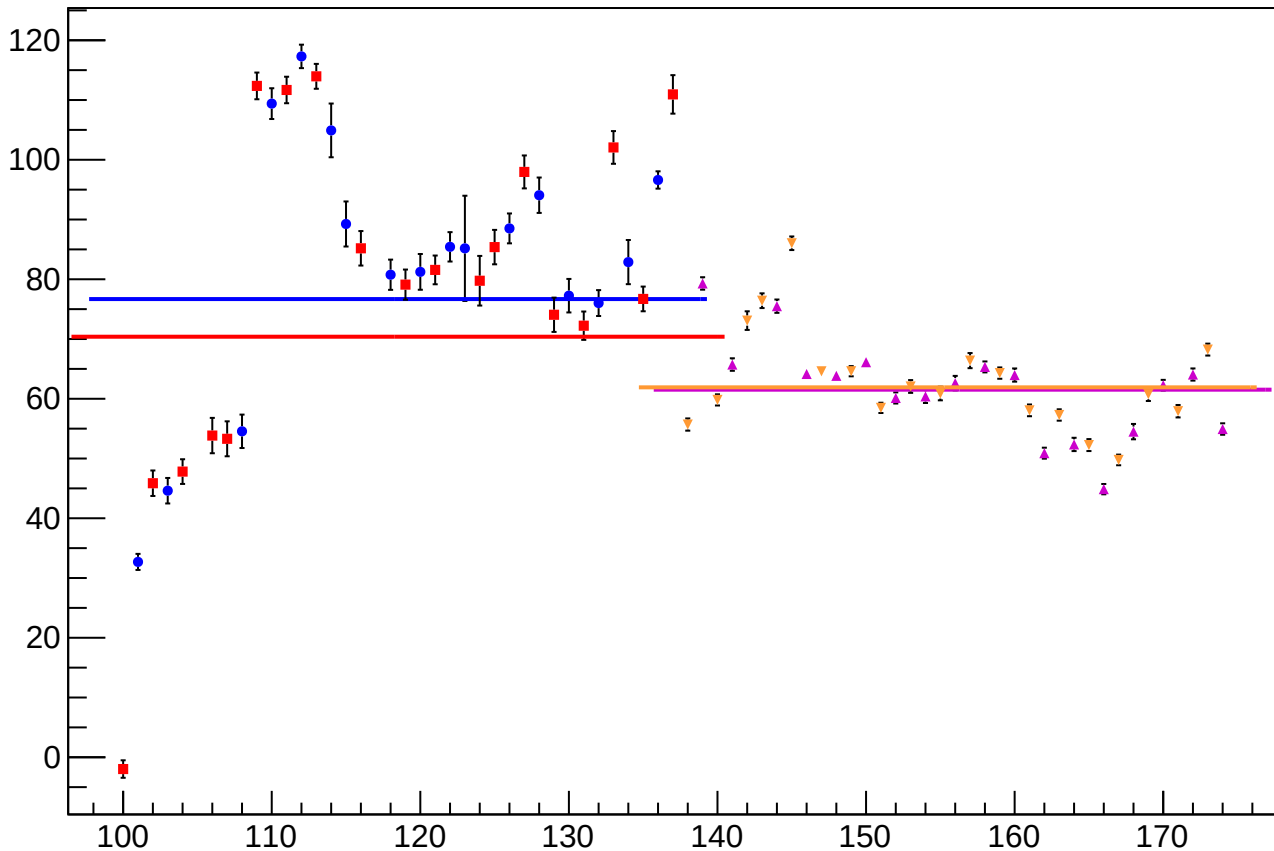
Left In: 1.149 ± 0.167 χ^2/NDF : 388.3/17

+ sign 1.448 ± 0.145 χ^2/NDF : 741.9/35

All: 1.562 ± 0.104 χ^2/NDF : 1457.8/72

- sign 1.681 ± 0.148 χ^2/NDF : 714.7/36

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 ± 0.574 $\chi^2/\text{NDF}: 2265.1/16$

Left Out: 61.911 ± 0.232 $\chi^2/\text{NDF}: 1110.3/18$

Right Out: 70.386 ± 0.550 $\chi^2/\text{NDF}: 4391.1/18$

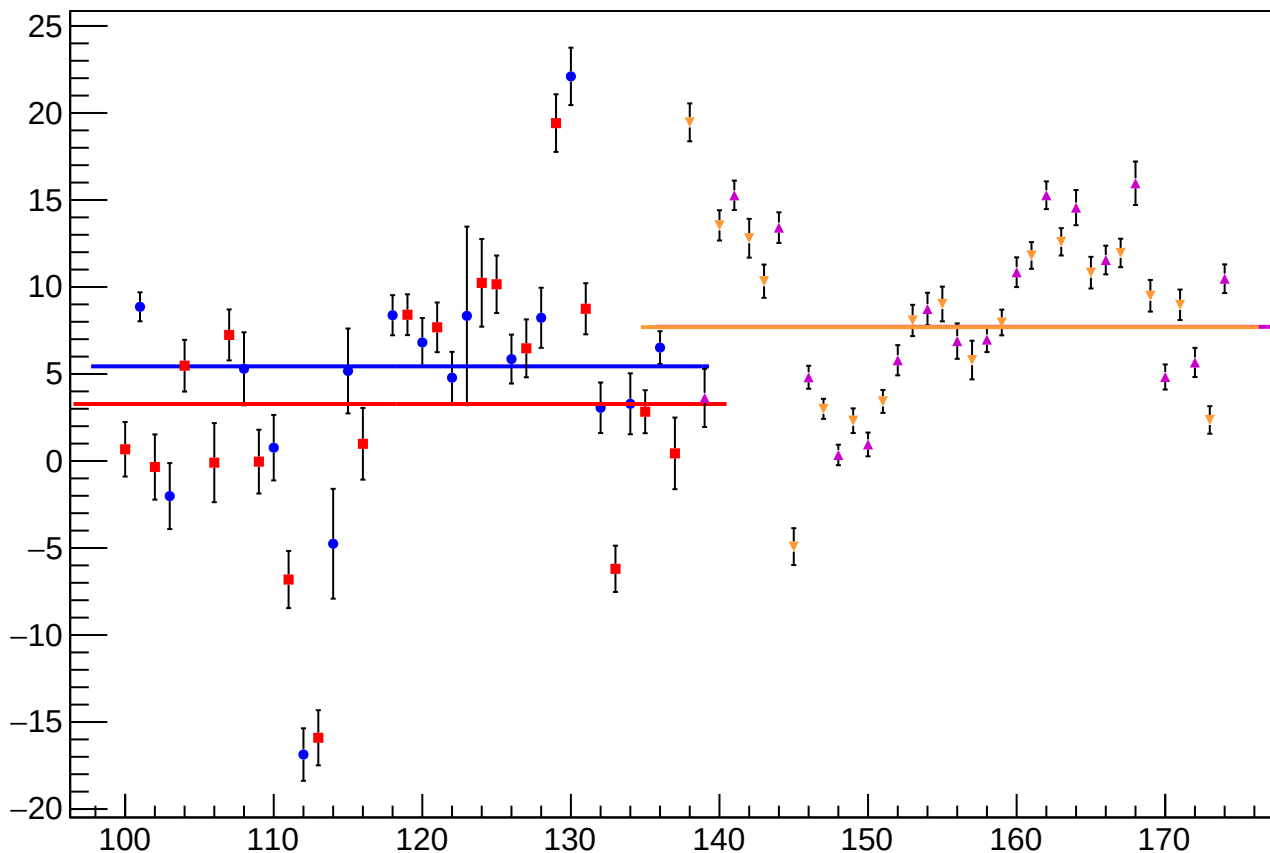
Left In: 61.521 ± 0.230 $\chi^2/\text{NDF}: 1196.3/17$

+ sign 63.989 ± 0.215 $\chi^2/\text{NDF}: 3945.6/35$

All: 63.405 ± 0.151 $\chi^2/\text{NDF}: 9768.9/72$

- sign 62.838 ± 0.212 $\chi^2/\text{NDF}: 5808.8/36$

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 7.692 ± 0.192 $\chi^2/\text{NDF}: 661.5/18$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

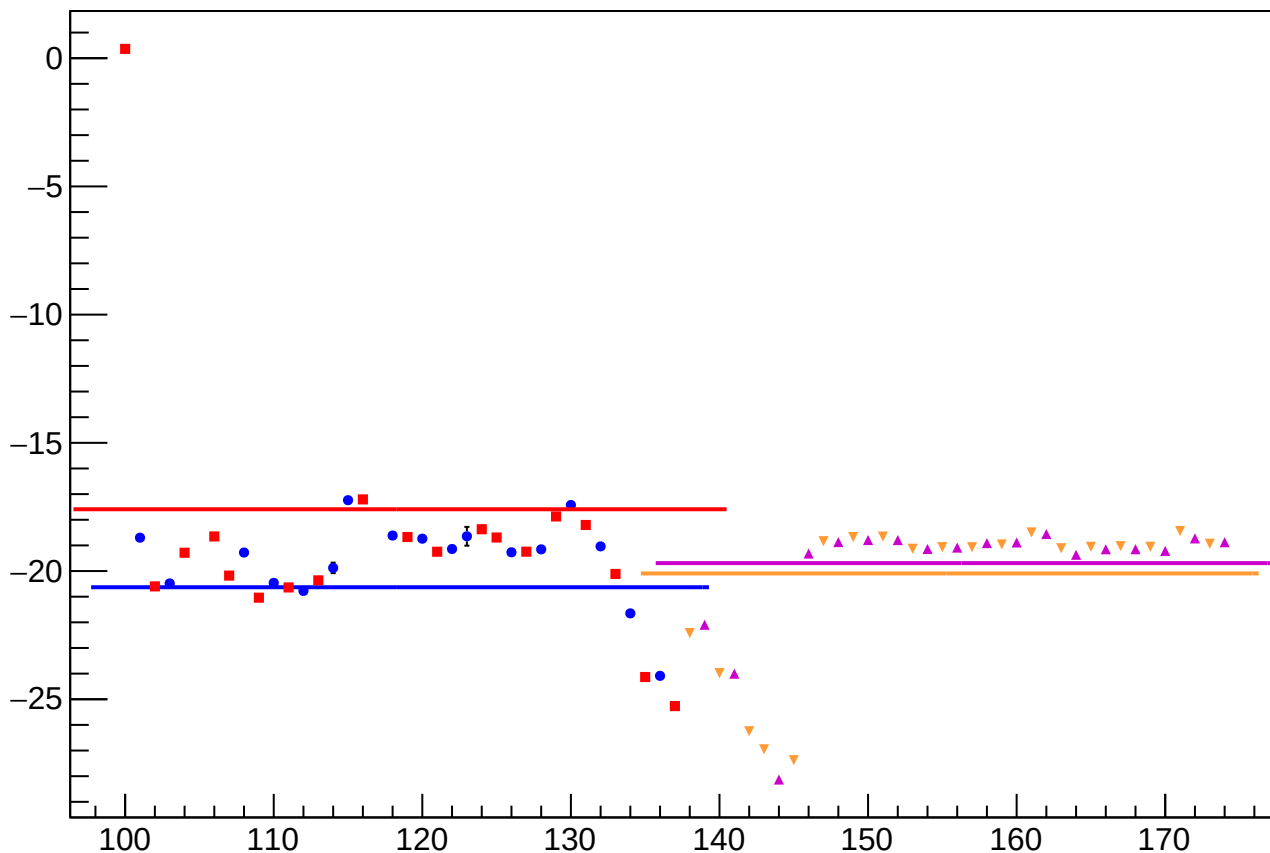
Left In: 7.710 ± 0.194 $\chi^2/\text{NDF}: 656.6/17$

+ sign 7.189 ± 0.169 $\chi^2/\text{NDF}: 1078.3/35$

All: 6.965 ± 0.120 $\chi^2/\text{NDF}: 2279.1/72$

- sign 6.735 ± 0.171 $\chi^2/\text{NDF}: 1197.3/36$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -20.093 ± 0.009 $\chi^2/\text{NDF}: 82133.3/18$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

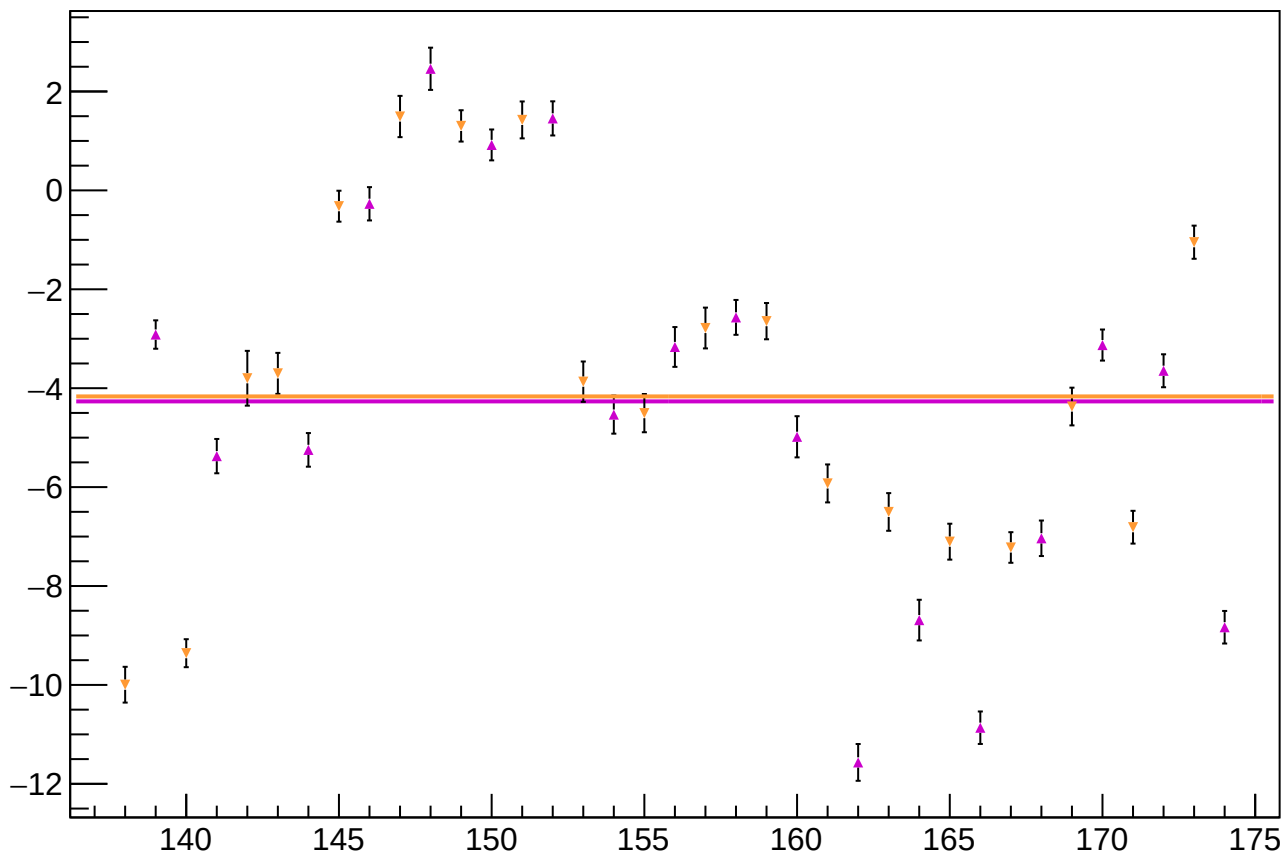
Left In: -19.690 ± 0.009 $\chi^2/\text{NDF}: 50632.3/17$

+ sign -20.191 ± 0.008 $\chi^2/\text{NDF}: 95300.8/35$

All: -19.721 ± 0.006 $\chi^2/\text{NDF}: 341871.5/72$

- sign -19.272 ± 0.008 $\chi^2/\text{NDF}: 240194.6/36$

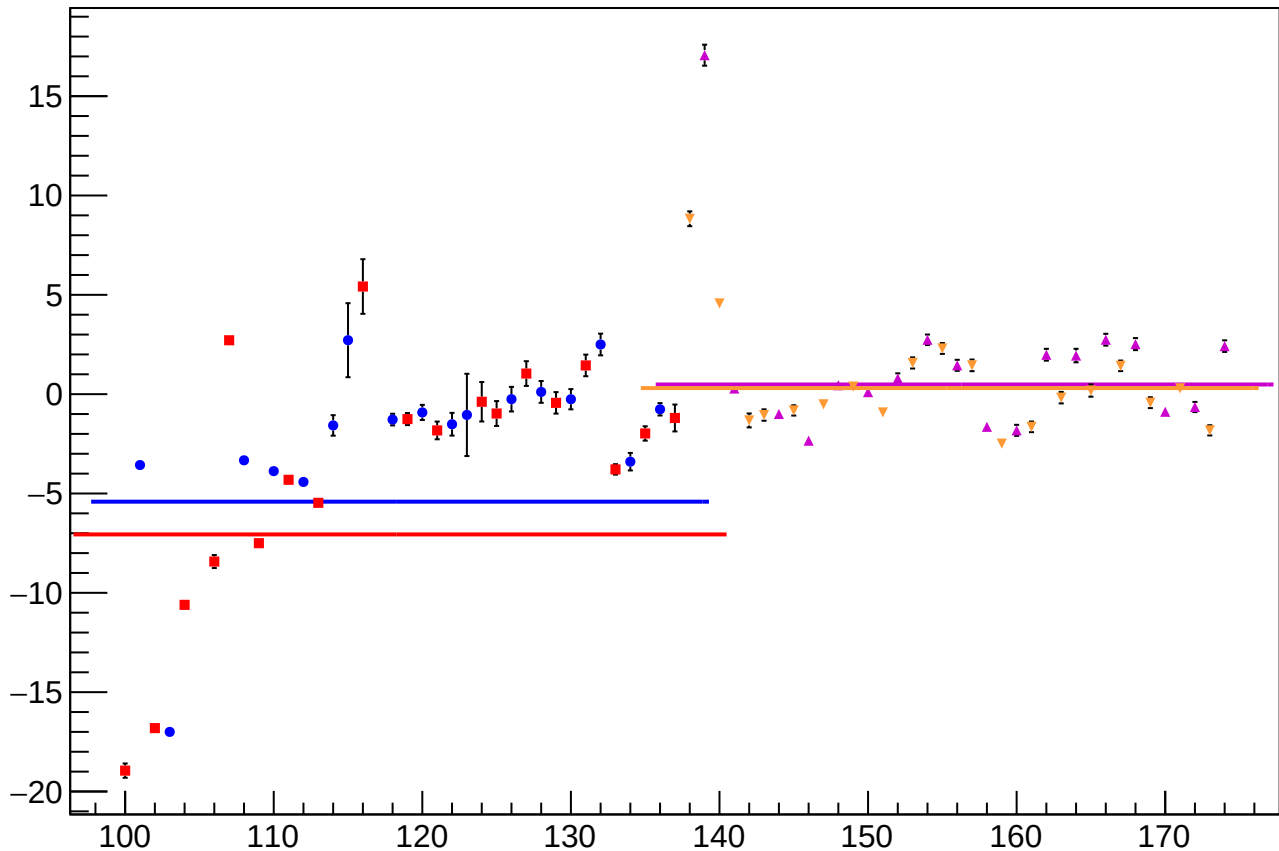
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -4.166 +/- 0.083 χ^2/NDF : 1857.6/18
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -4.267 +/- 0.082 χ^2/NDF : 2187.0/17

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 All: -4.217 +/- 0.059 χ^2/NDF : 4045.3/36
 - 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 $\pm$ 0.055 χ^2/NDF : 9261.2/16

Left Out: 0.306 $\pm$ 0.060 χ^2/NDF :1316.6/18

Right Out: -7.060 $\pm$ 0.059 χ^2/NDF : 12329.4/18

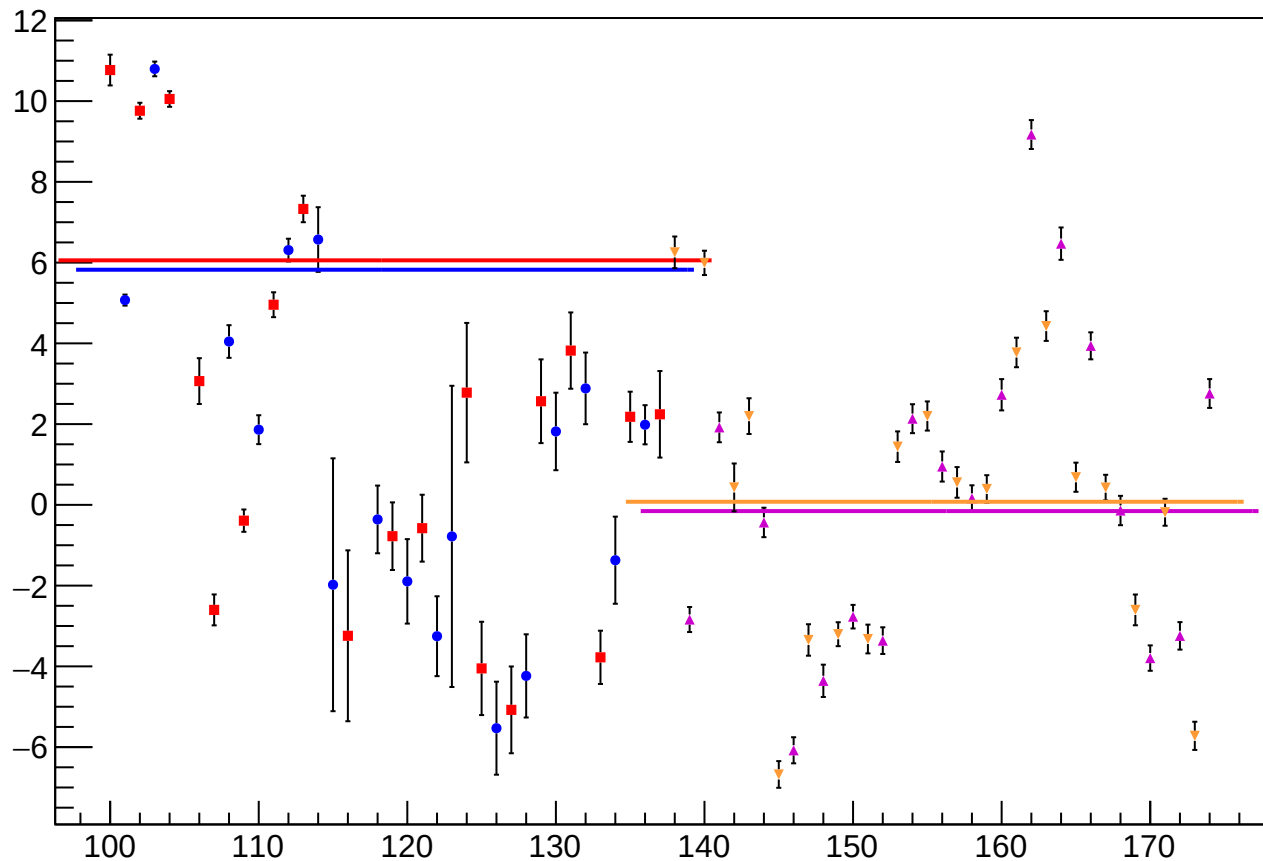
Left In: 0.487 $\pm$ 0.062 χ^2/NDF :1674.7/17

+ sign -2.819 $\pm$ 0.040 χ^2/NDF : 15524.5/35

All: -3.119 $\pm$ 0.029 χ^2/NDF : 37454.2/72

- sign -3.453 $\pm$ 0.043 χ^2/NDF : 21813.1/36

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 ± 0.090 χ^2/NDF : 1452.6/16

Left Out: 0.077 ± 0.082 χ^2/NDF : 1987.2/18

Right Out: 6.056 ± 0.093 χ^2/NDF : 2668.9/18

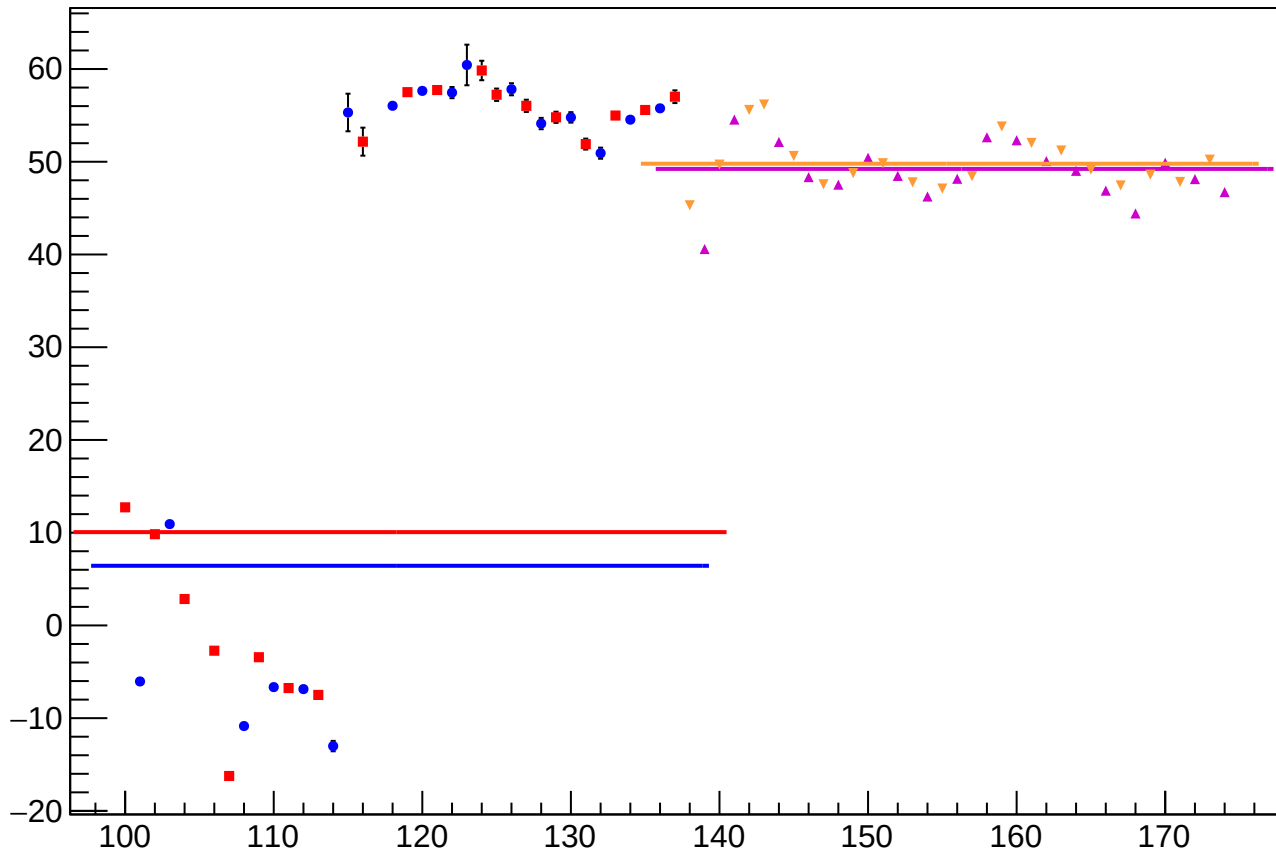
Left In: -0.154 ± 0.082 χ^2/NDF : 2218.3/17

+ sign 2.711 ± 0.061 χ^2/NDF : 5669.1/35

All: 2.625 ± 0.043 χ^2/NDF : 13070.0/72

- sign 2.537 ± 0.061 χ^2/NDF : 7396.9/36

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 $\pm$ 0.065 χ^2 /NDF: 123486.3/16

Left Out: 49.787 $\pm$ 0.069 χ^2 /NDF:1308.4/18

Right Out: 10.060 $\pm$ 0.070 χ^2 /NDF: 121816.0/18

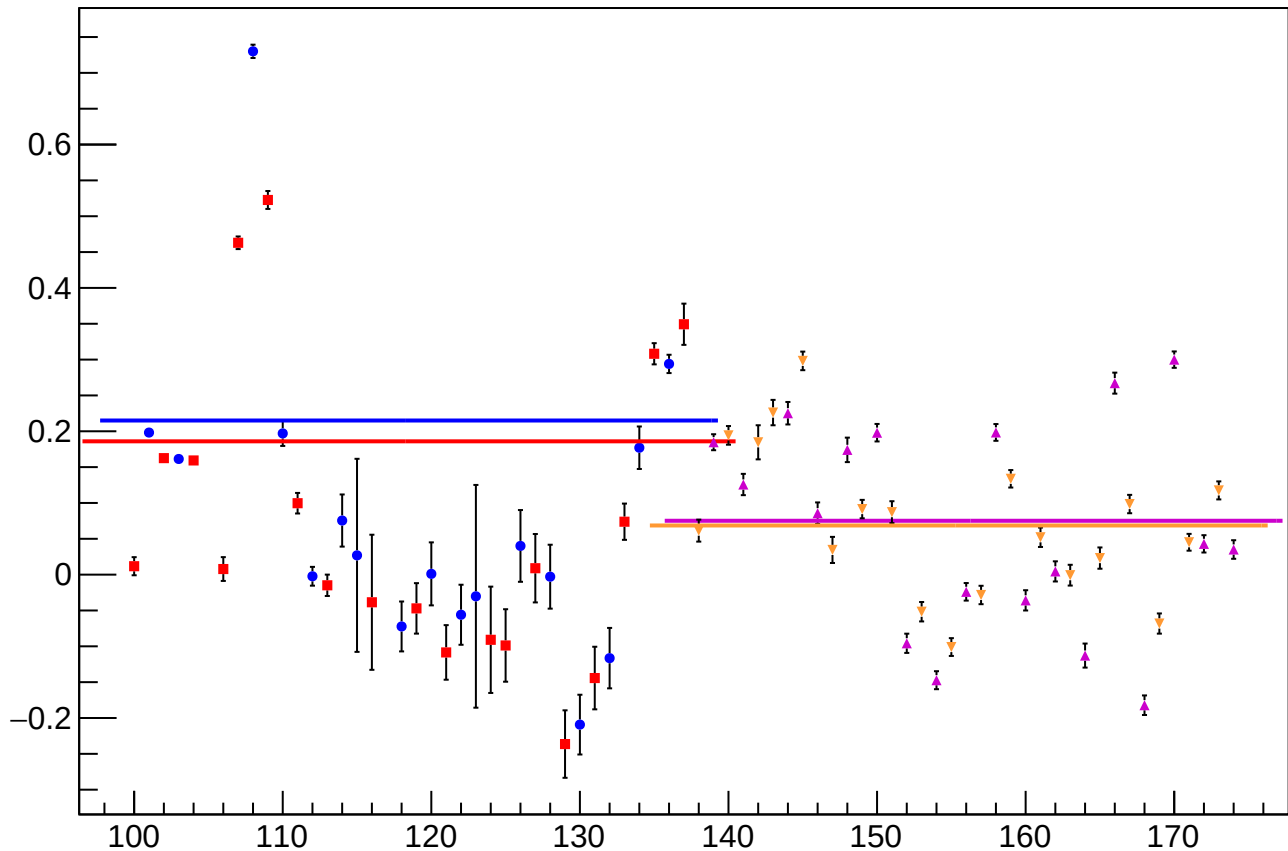
Left In: 49.227 $\pm$ 0.070 χ^2 /NDF:1506.6/17

+ sign 26.663 $\pm$ 0.047 χ^2 /NDF: 334332.5/35

All: 28.002 $\pm$ 0.034 χ^2 /NDF: 615657.3/72

- sign 29.472 $\pm$ 0.050 χ^2 /NDF: 279640.8/36

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215+/-0.003 χ^2/NDF : 3930.1/16

Left Out: 0.069+/-0.003 χ^2/NDF : 1022.1/18

Right Out: 0.186+/-0.003 χ^2/NDF : 2720.3/18

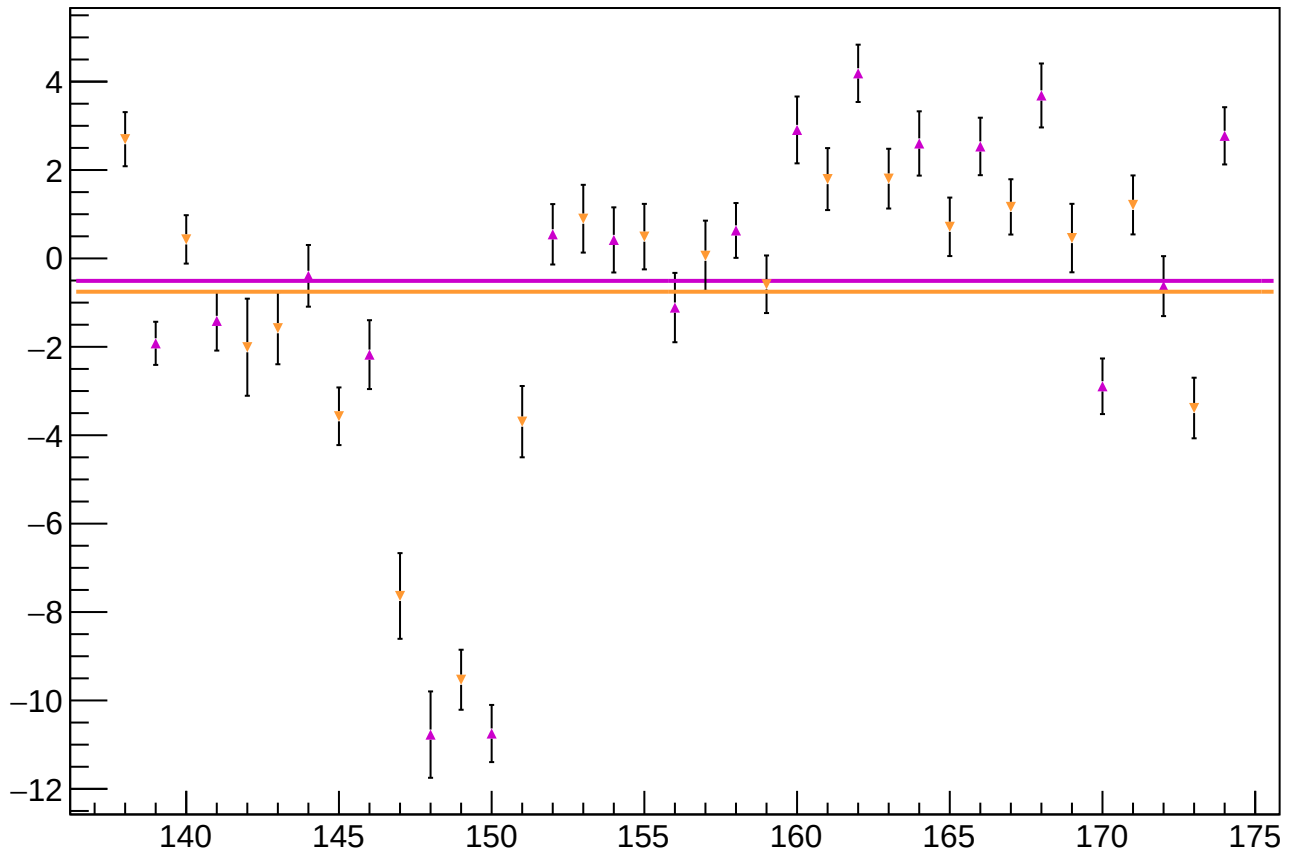
Left In: 0.075+/-0.003 χ^2/NDF : 2131.2/17

+ sign 0.152+/-0.002 χ^2/NDF : 6156.9/35

All: 0.145+/-0.001 χ^2/NDF : 11745.5/72

- sign 0.139+/-0.002 χ^2/NDF : 5569.5/36

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.753 $\pm$ 0.162 χ^2 /NDF:364.6/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

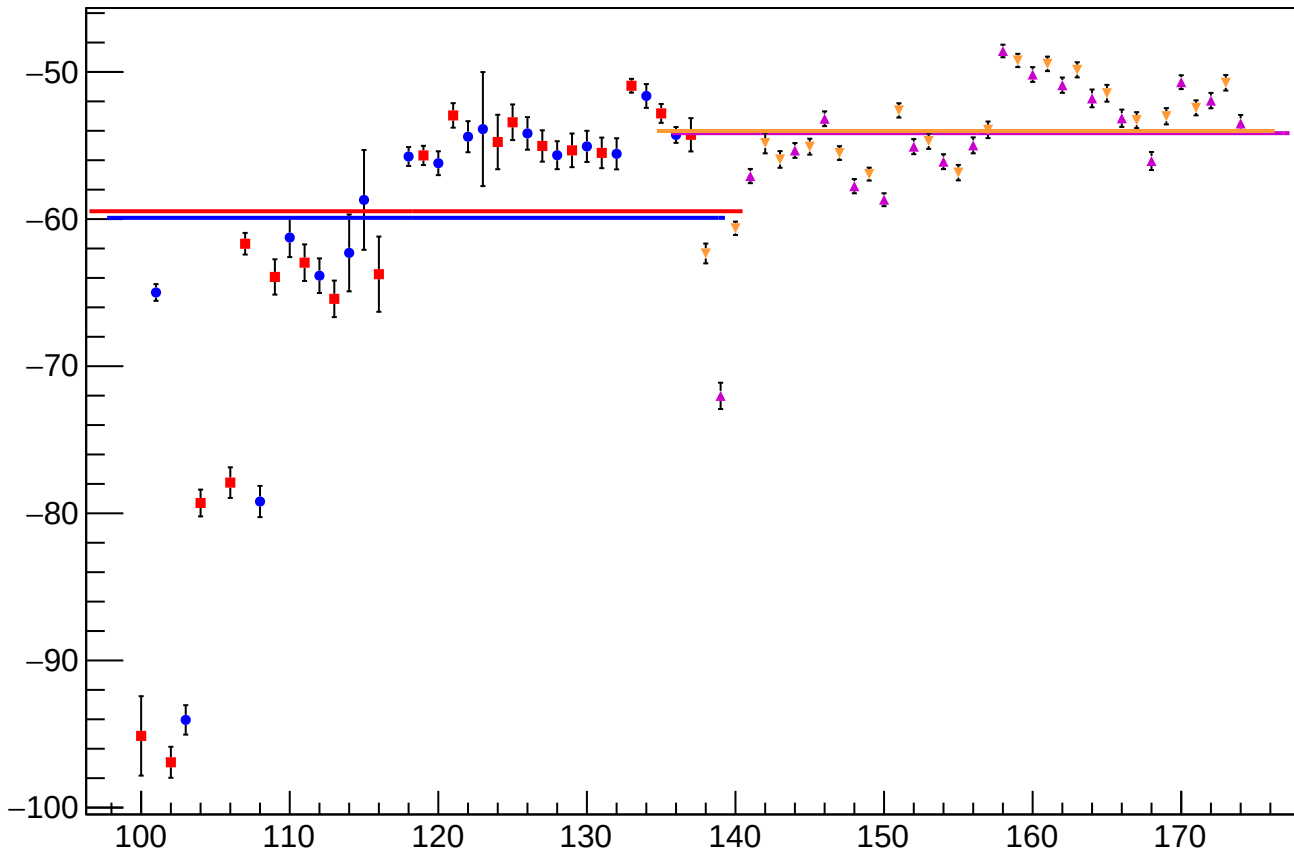
Left In: -0.508 $\pm$ 0.160 χ^2 /NDF:570.7/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.629 $\pm$ 0.114 χ^2 /NDF: 936.4/36

- sign 0.000 $\pm$ 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: -54.015 ± 0.120 χ^2/NDF : 810.5/18

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

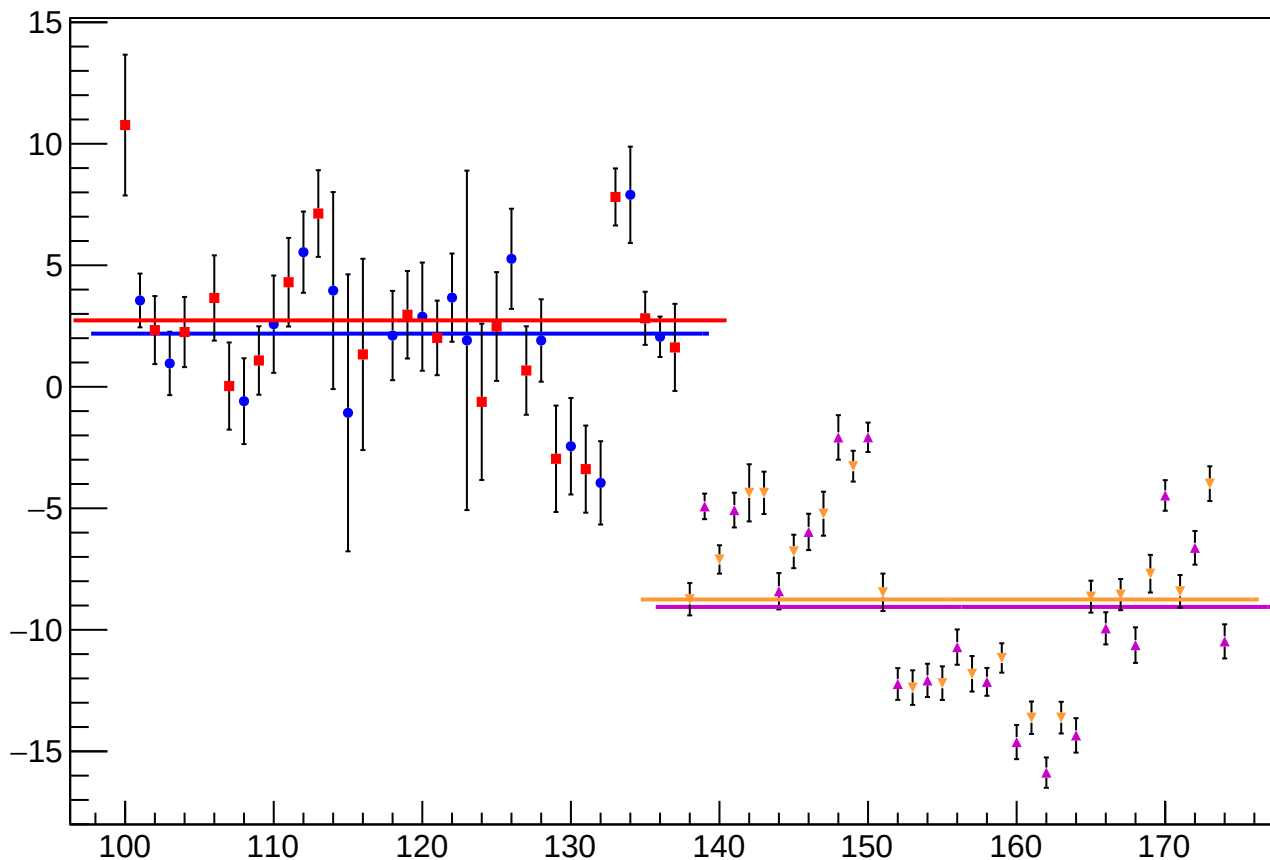
Left In: -54.160 ± 0.123 χ^2/NDF : 996.7/17

+ sign -55.334 ± 0.105 χ^2/NDF : 3333.4/35

All: -55.412 ± 0.075 χ^2/NDF : 7713.2/72

- sign -55.492 ± 0.106 χ^2/NDF : 4378.7/36

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -8.751 ± 0.161 $\chi^2/\text{NDF}: 385.1/18$

Right Out: 2.733 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

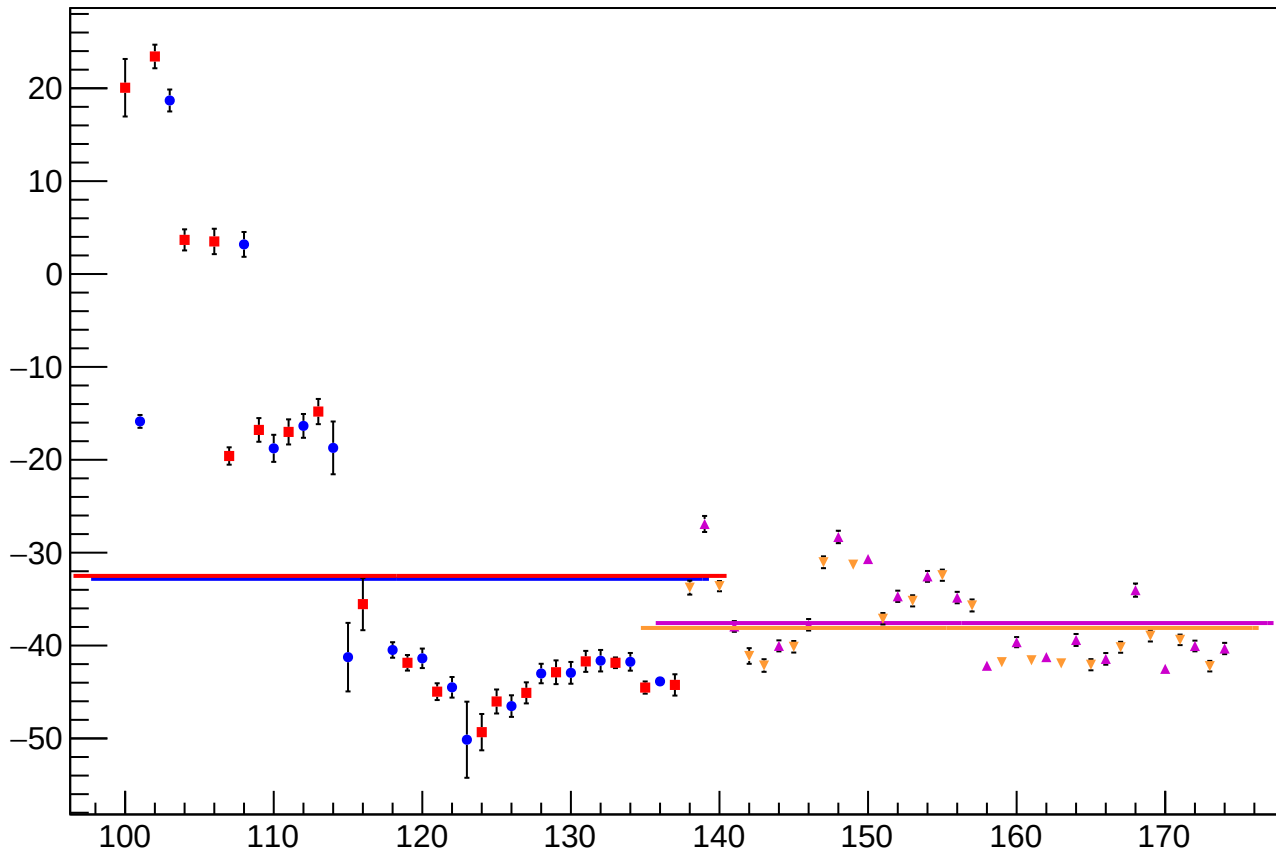
Left In: -9.059 ± 0.158 $\chi^2/\text{NDF}: 692.2/17$

+ sign -7.254 ± 0.150 $\chi^2/\text{NDF}: 1056.7/35$

All: -7.313 ± 0.105 $\chi^2/\text{NDF}: 2601.0/72$

- sign -7.371 ± 0.147 $\chi^2/\text{NDF}: 1544.0/36$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 ± 0.254 χ^2/NDF : 4666.6/16

Left Out: -38.105 ± 0.136 χ^2/NDF : 846.4/18

Right Out: -32.501 ± 0.244 χ^2/NDF : 6037.9/18

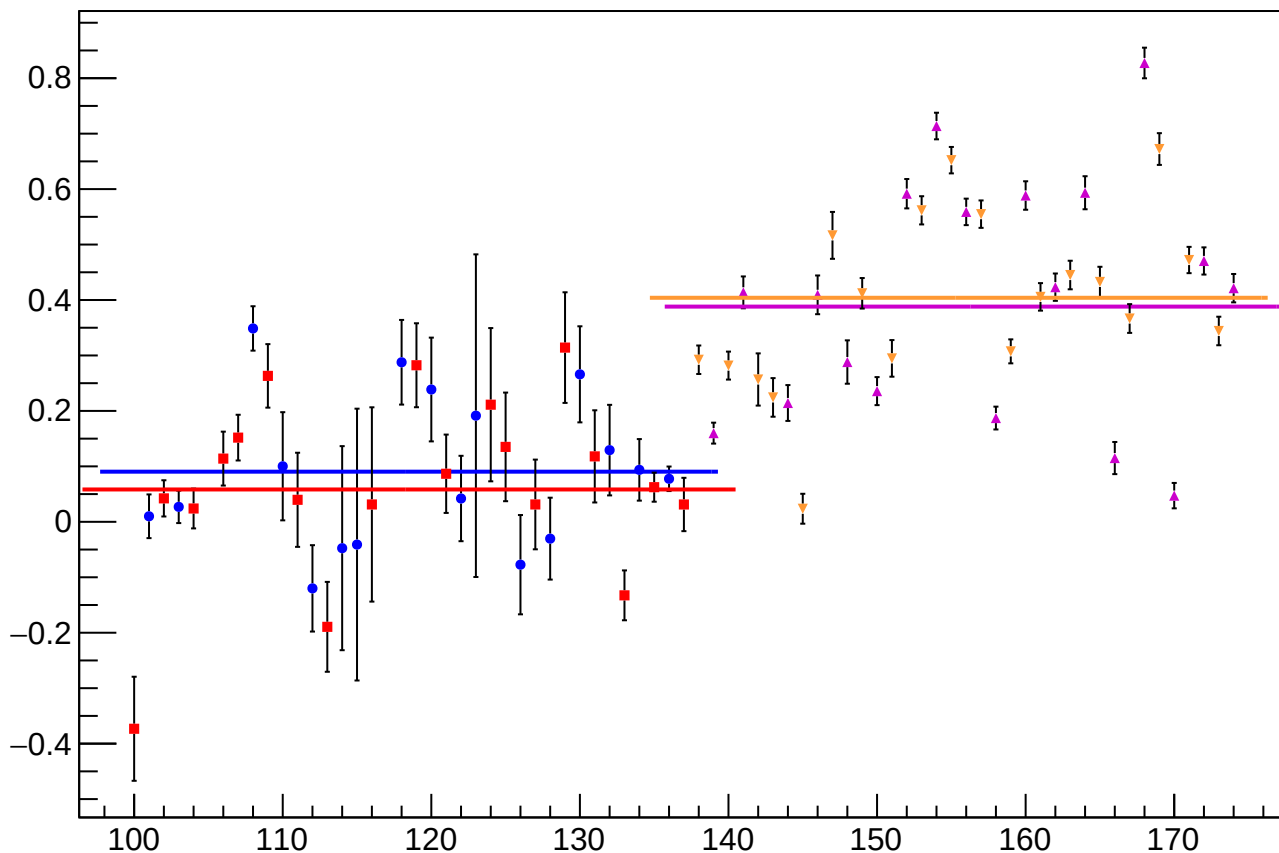
Left In: -37.578 ± 0.138 χ^2/NDF : 1027.4/17

+ sign -36.922 ± 0.120 χ^2/NDF : 5849.5/35

All: -36.633 ± 0.085 χ^2/NDF : 13254.2/72

- sign -36.343 ± 0.120 χ^2/NDF : 7393.0/36

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 79.2/16

Left Out: 0.404 ± 0.006 χ^2/NDF : 607.1/18

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.3/18

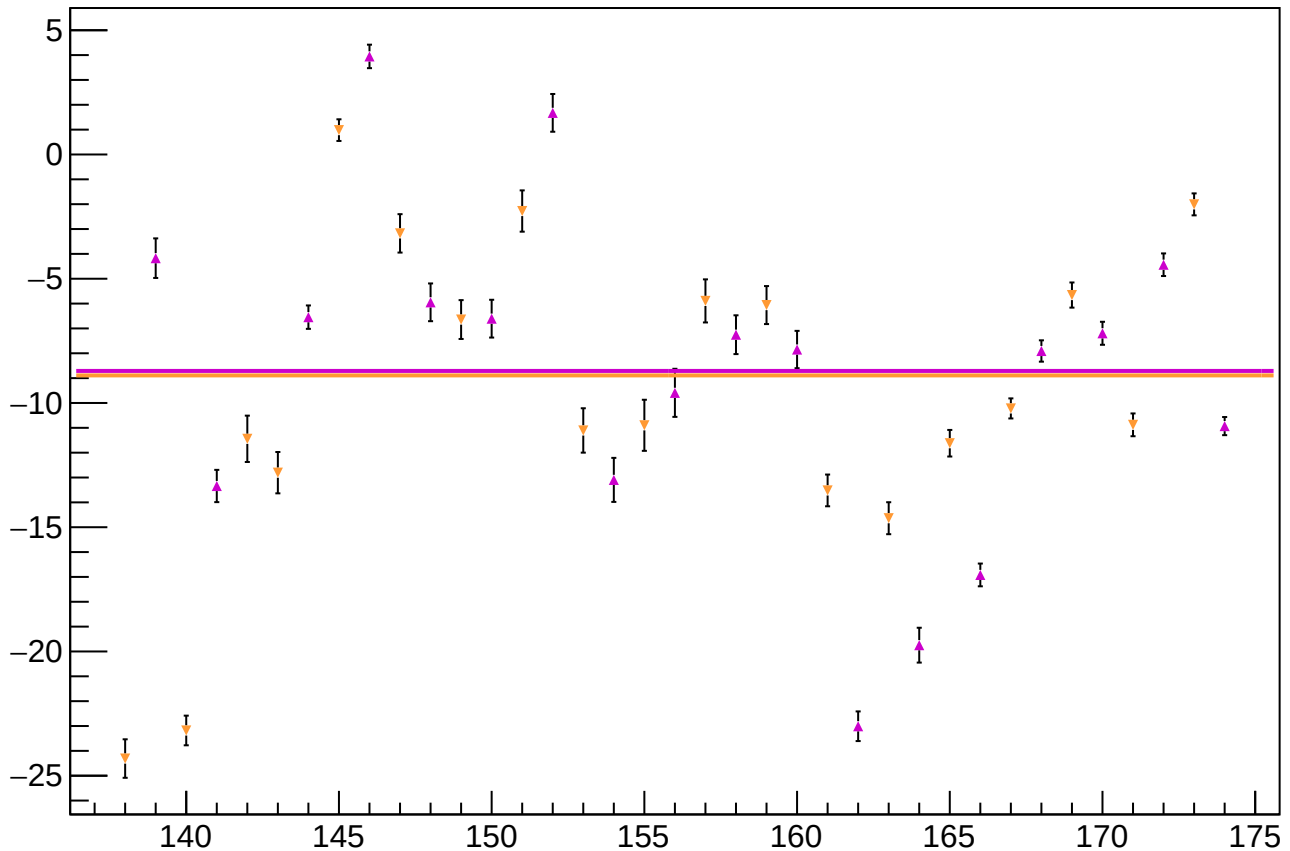
Left In: 0.388 ± 0.006 χ^2/NDF : 1295.8/17

+ sign 0.344 ± 0.006 χ^2/NDF : 1177.8/35

All: 0.333 ± 0.004 χ^2/NDF : 3158.8/72

- sign 0.322 ± 0.005 χ^2/NDF : 1973.3/36

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -8.890+/-0.141 χ^2/NDF : 2145.2/18

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

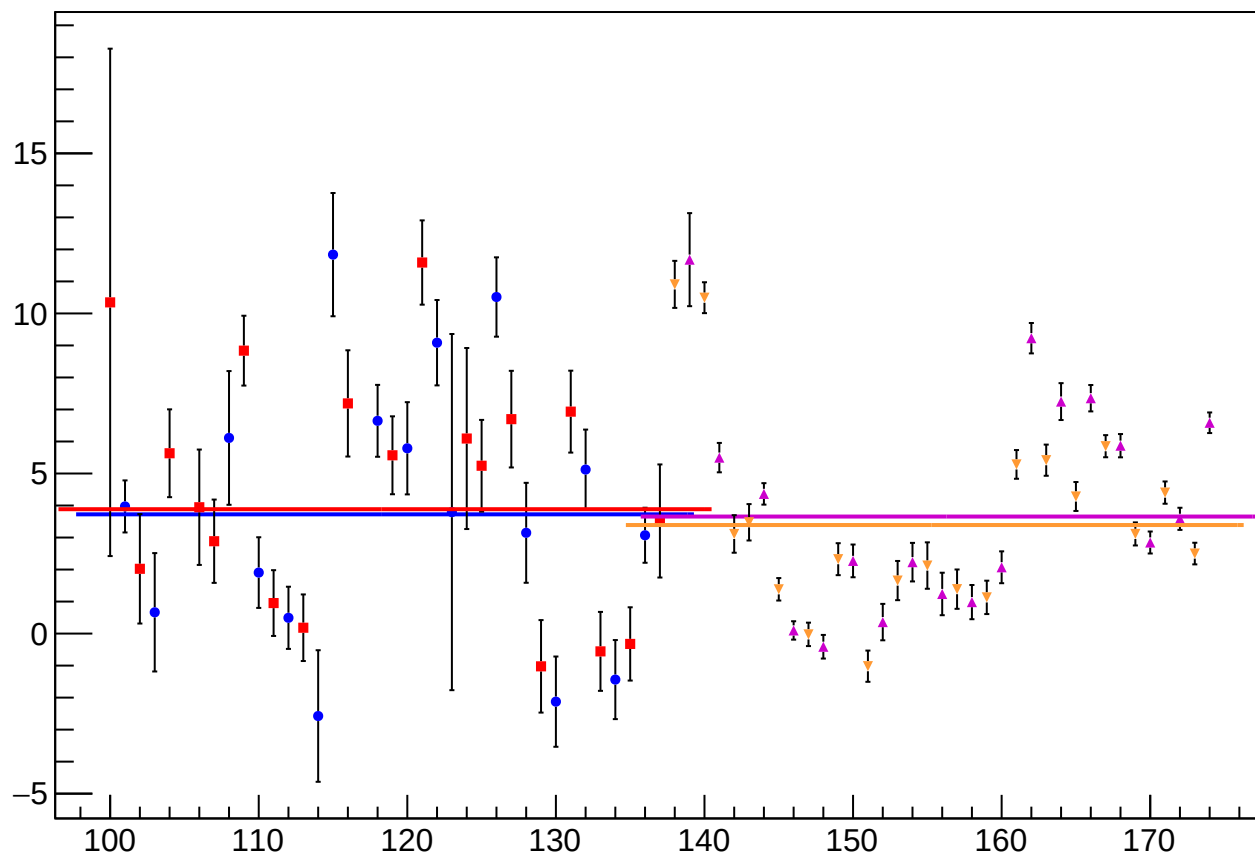
Left In: -8.710+/-0.134 χ^2/NDF : 2342.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.796+/-0.097 χ^2/NDF : 4488.9/36

- 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 $\pm$ 0.308 χ^2 /NDF: 136.8/16

Left Out: 3.391 $\pm$ 0.103 χ^2 /NDF: 674.1/18

Right Out: 3.885 $\pm$ 0.316 χ^2 /NDF: 134.4/18

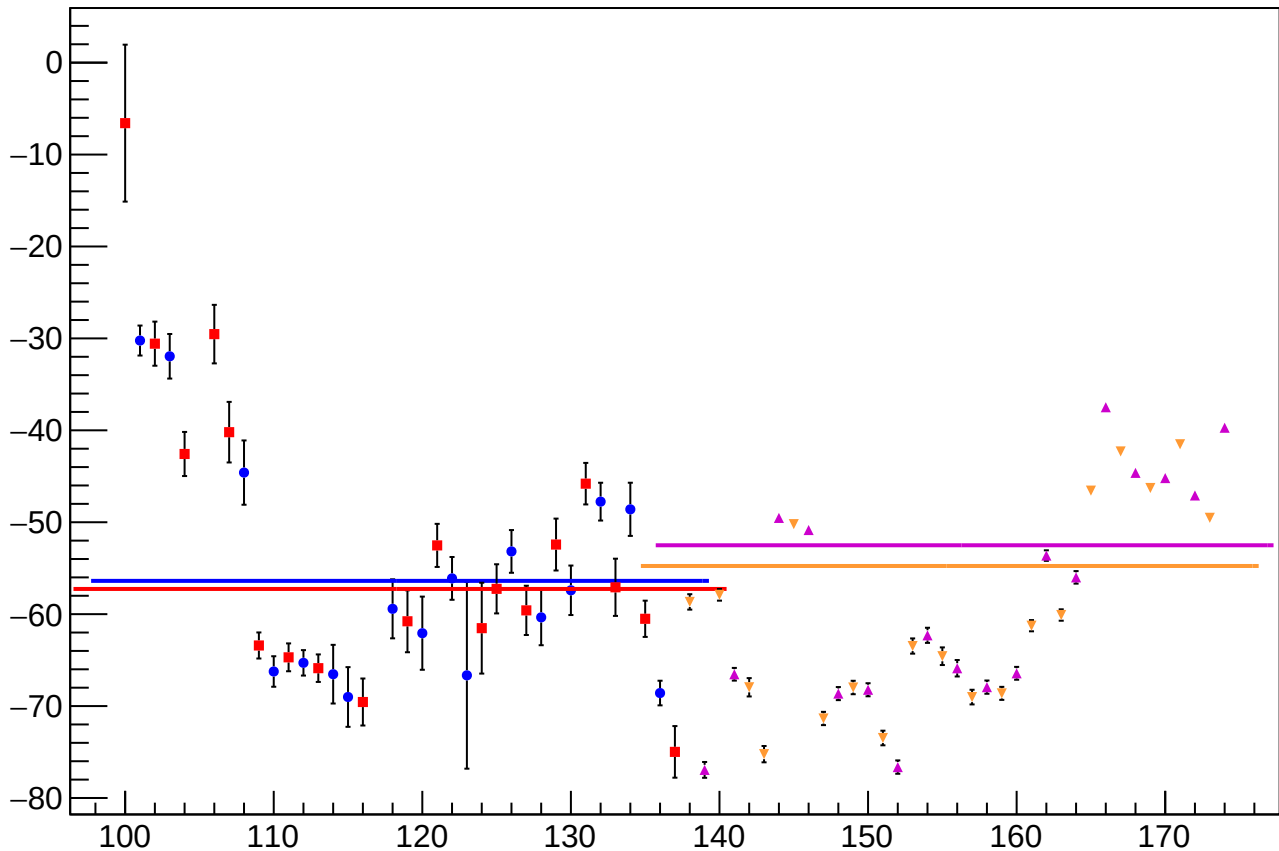
Left In: 3.656 $\pm$ 0.100 χ^2 /NDF: 803.7/17

+ sign 3.424 $\pm$ 0.098 χ^2 /NDF: 811.9/35

All: 3.554 $\pm$ 0.068 χ^2 /NDF: 1753.8/72

- sign 3.676 $\pm$ 0.095 χ^2 /NDF: 938.5/36

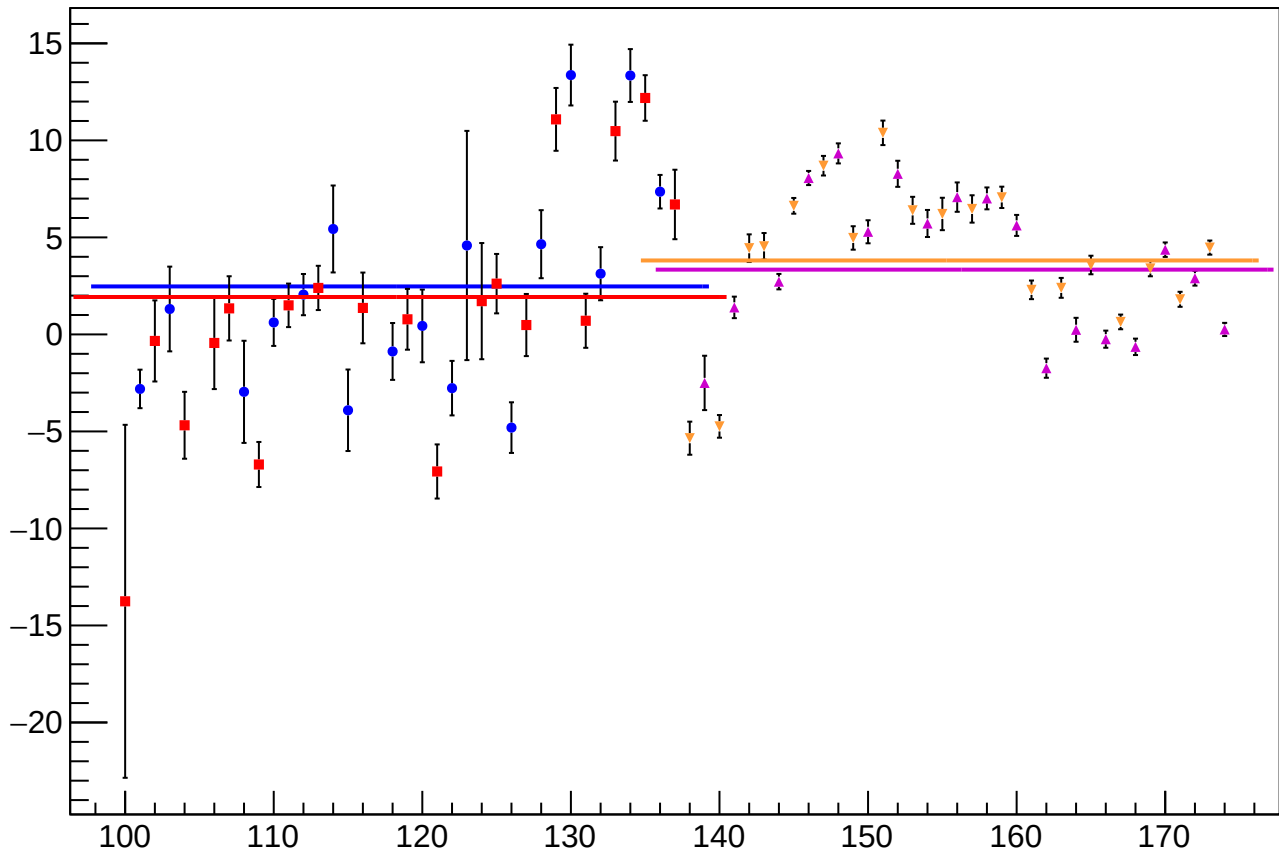
reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 $\pm$ 0.542 χ^2/NDF : 587.4/16
 Left Out: -54.759 $\pm$ 0.141 χ^2/NDF :5742.9/18
 Right Out: -57.258 $\pm$ 0.536 χ^2/NDF : 476.1/18
 Left In: -52.506 $\pm$ 0.134 χ^2/NDF :7418.9/17

+ sign -54.862 $\pm$ 0.136 χ^2/NDF : 6338.7/35
 All: -53.775 $\pm$ 0.094 χ^2/NDF : 14428.7/72
 - sign -52.786 $\pm$ 0.130 χ^2/NDF : 7969.0/36

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 3.811 ± 0.118 χ^2/NDF : 775.7/18

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

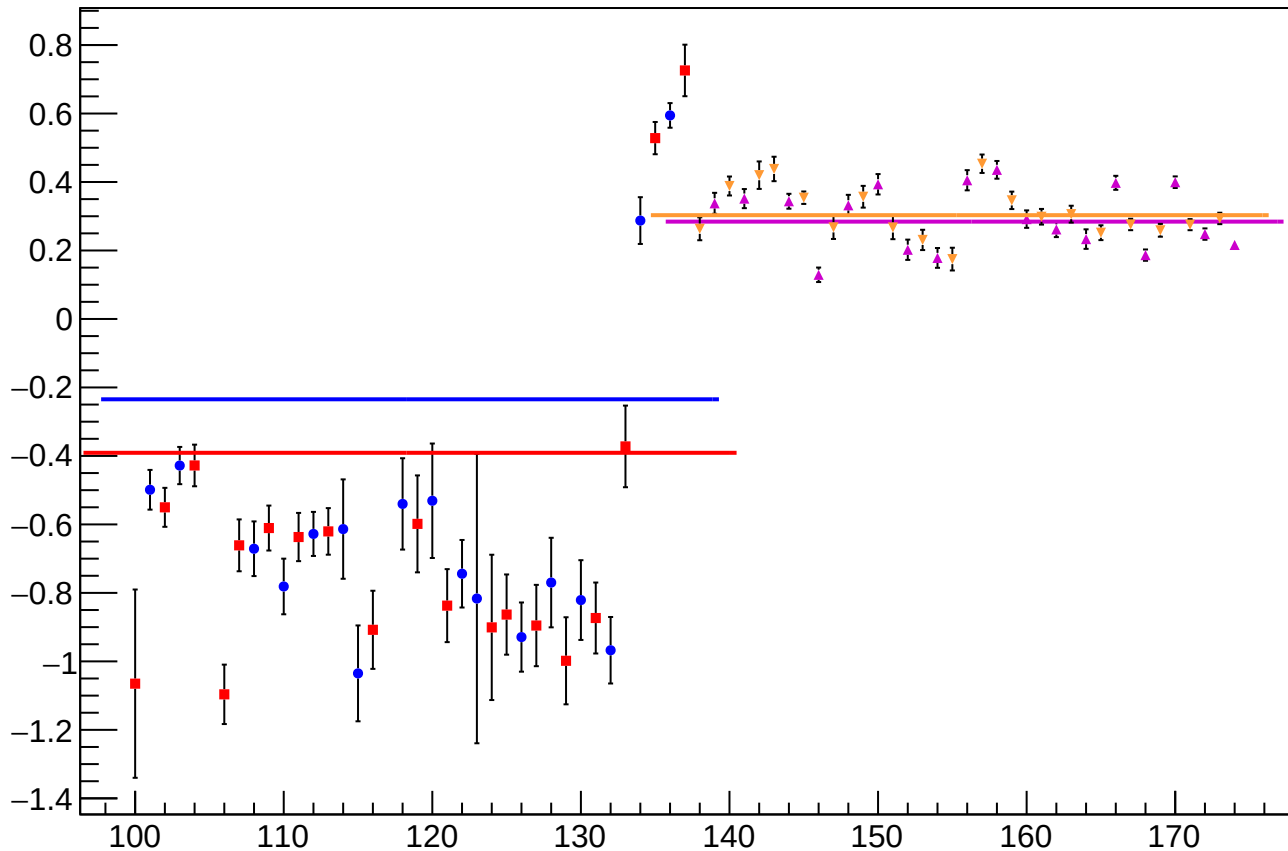
Left In: 3.338 ± 0.114 χ^2/NDF : 871.7/17

+ sign 3.672 ± 0.111 χ^2/NDF : 1032.7/35

All: 3.433 ± 0.078 χ^2/NDF : 2194.4/72

- sign 3.206 ± 0.109 χ^2/NDF : 1152.7/36

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.303 ± 0.005 χ^2/NDF : 118.6/18

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

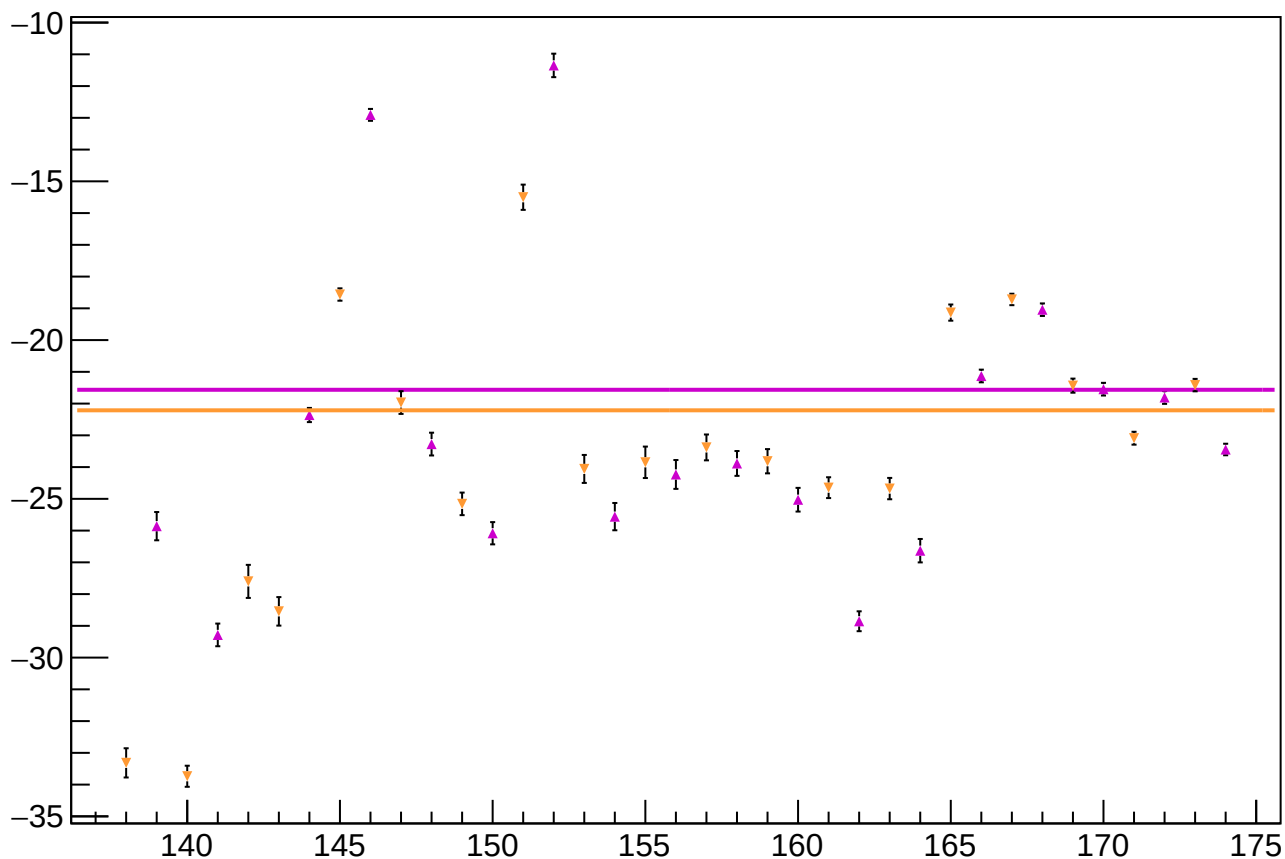
Left In: 0.284 ± 0.005 χ^2/NDF : 301.4/17

+ sign 0.262 ± 0.005 χ^2/NDF : 1826.8/35

All: 0.249 ± 0.004 χ^2/NDF : 4172.4/72

- sign 0.237 ± 0.005 χ^2/NDF : 2333.4/36

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -22.212+/-0.066 χ^2/NDF : 3529.5/18

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

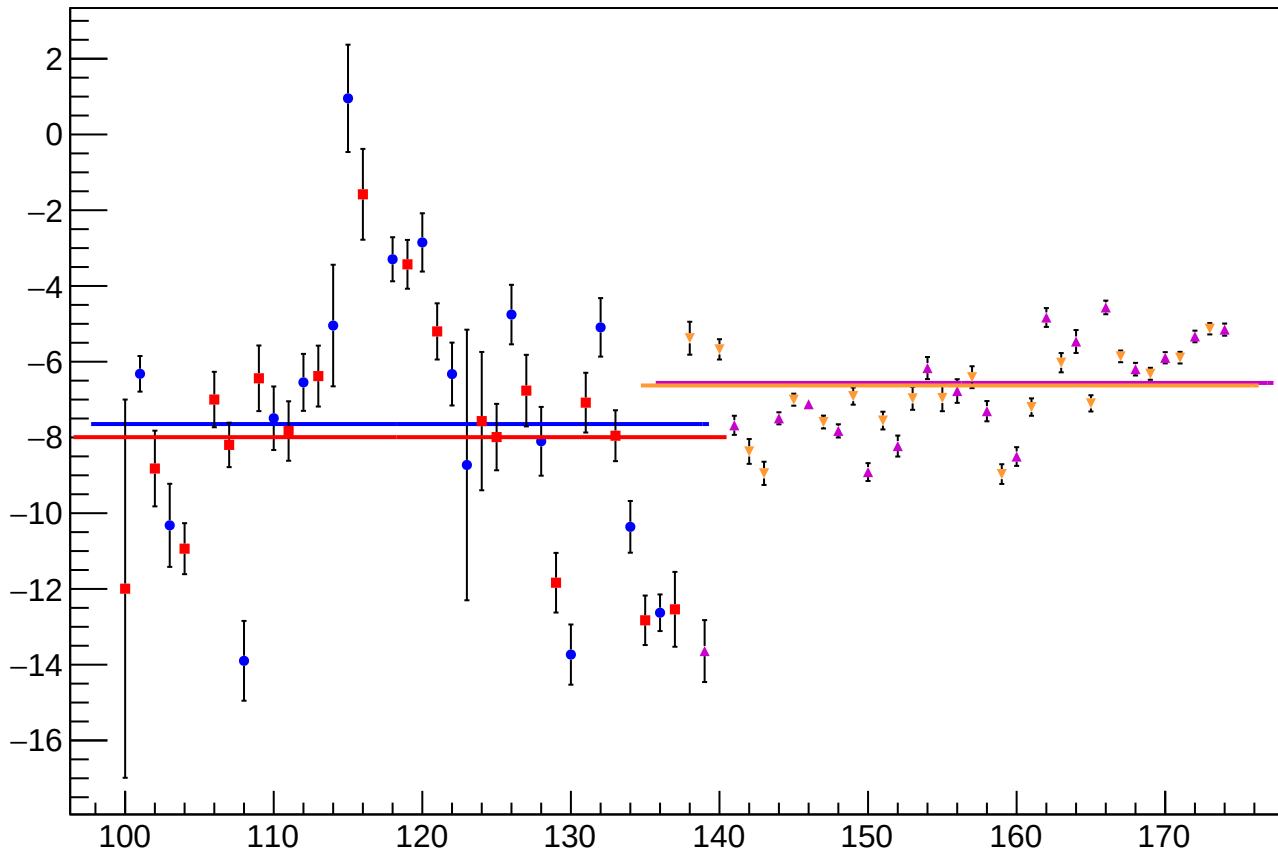
Left In: -21.565+/-0.062 χ^2/NDF : 4909.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.869+/-0.045 χ^2/NDF : 8489.1/36

- 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: -6.627 ± 0.049 χ^2/NDF : 413.1/18

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

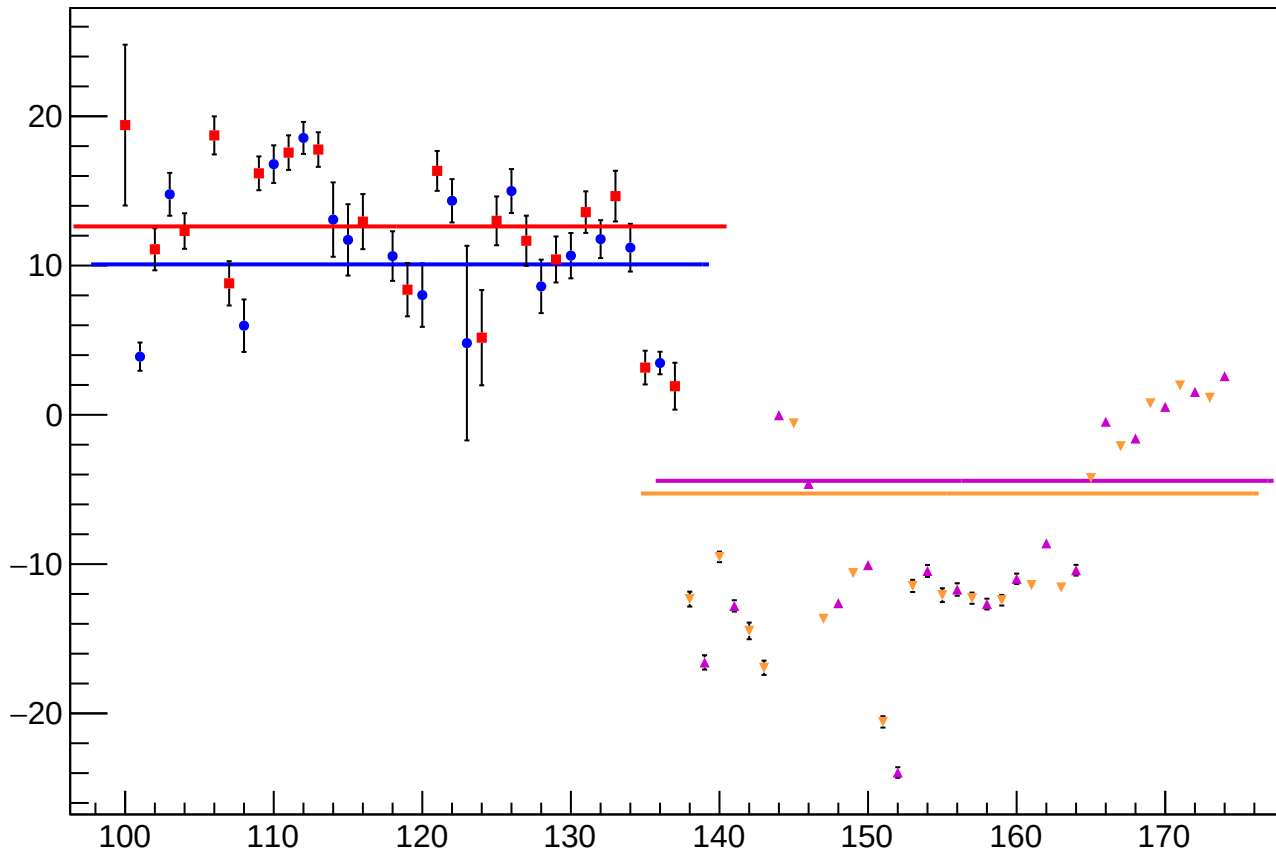
Left In: -6.561 ± 0.046 χ^2/NDF : 762.7/17

+ sign -6.693 ± 0.047 χ^2/NDF : 834.9/35

All: -6.667 ± 0.033 χ^2/NDF : 1879.4/72

- sign -6.644 ± 0.045 χ^2/NDF : 1044.0/36

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Left Out: -5.271 ± 0.066 χ^2/NDF : 9498.4/18

Right Out: 12.620 ± 0.332 χ^2/NDF : 220.0/18

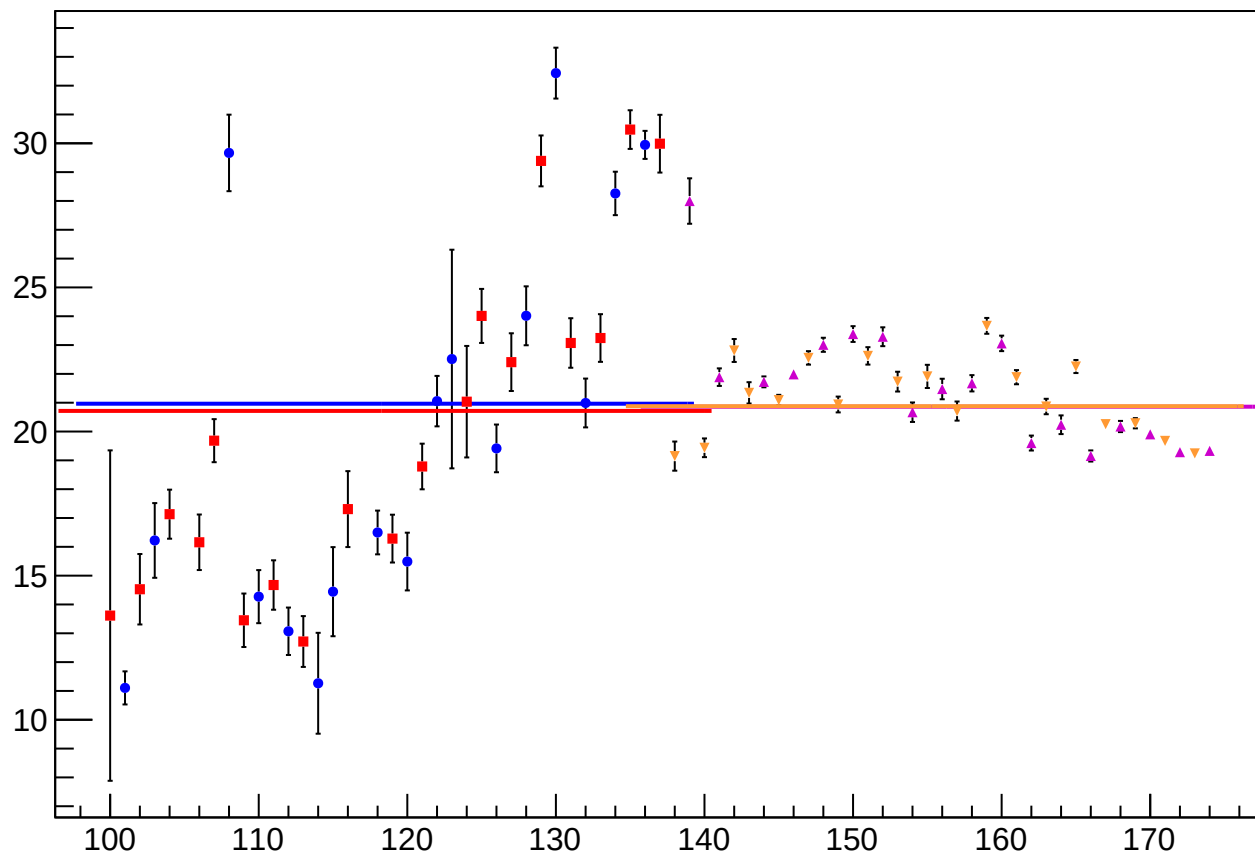
Left In: -4.421 ± 0.063 χ^2/NDF : 10574.9/17

+ sign -4.697 ± 0.065 χ^2/NDF : 11750.4/35

All: -4.243 ± 0.045 χ^2/NDF : 25174.9/72

- sign -3.839 ± 0.061 χ^2/NDF : 13332.8/36

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965 $\pm$ 0.209 χ^2 /NDF: 1225.5/16

Left Out: 20.879 $\pm$ 0.055 χ^2 /NDF: 489.5/18

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

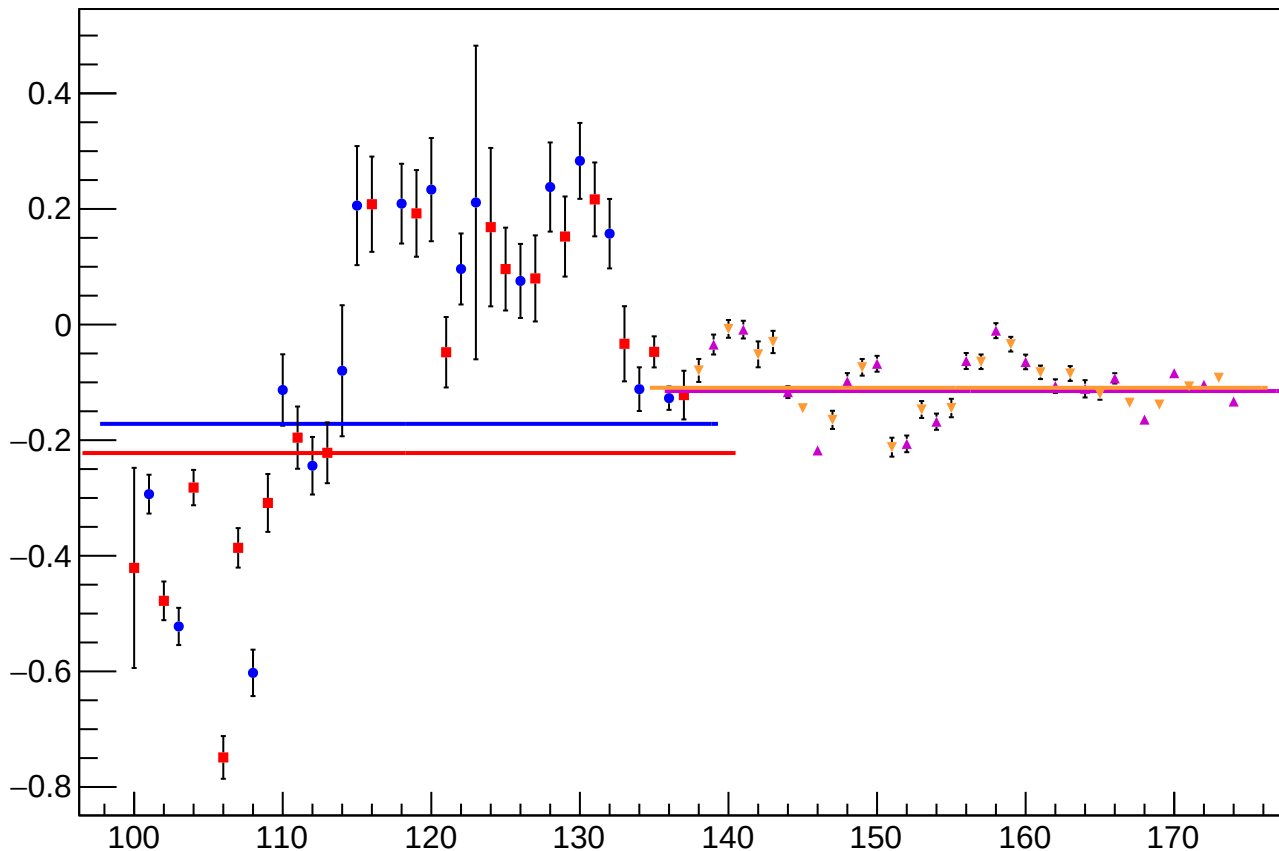
Left In: 20.862 $\pm$ 0.053 χ^2 /NDF: 791.2/17

+ sign 20.884 $\pm$ 0.054 χ^2 /NDF: 1715.1/35

All: 20.868 $\pm$ 0.037 χ^2 /NDF: 3236.8/72

- sign 20.853 $\pm$ 0.051 χ^2 /NDF: 1521.5/36

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 +/- 0.011 χ^2/NDF : 464.2/16

Left Out: -0.109 +/- 0.003 χ^2/NDF : 246.0/18

Right Out: -0.222 +/- 0.011 χ^2/NDF : 536.1/18

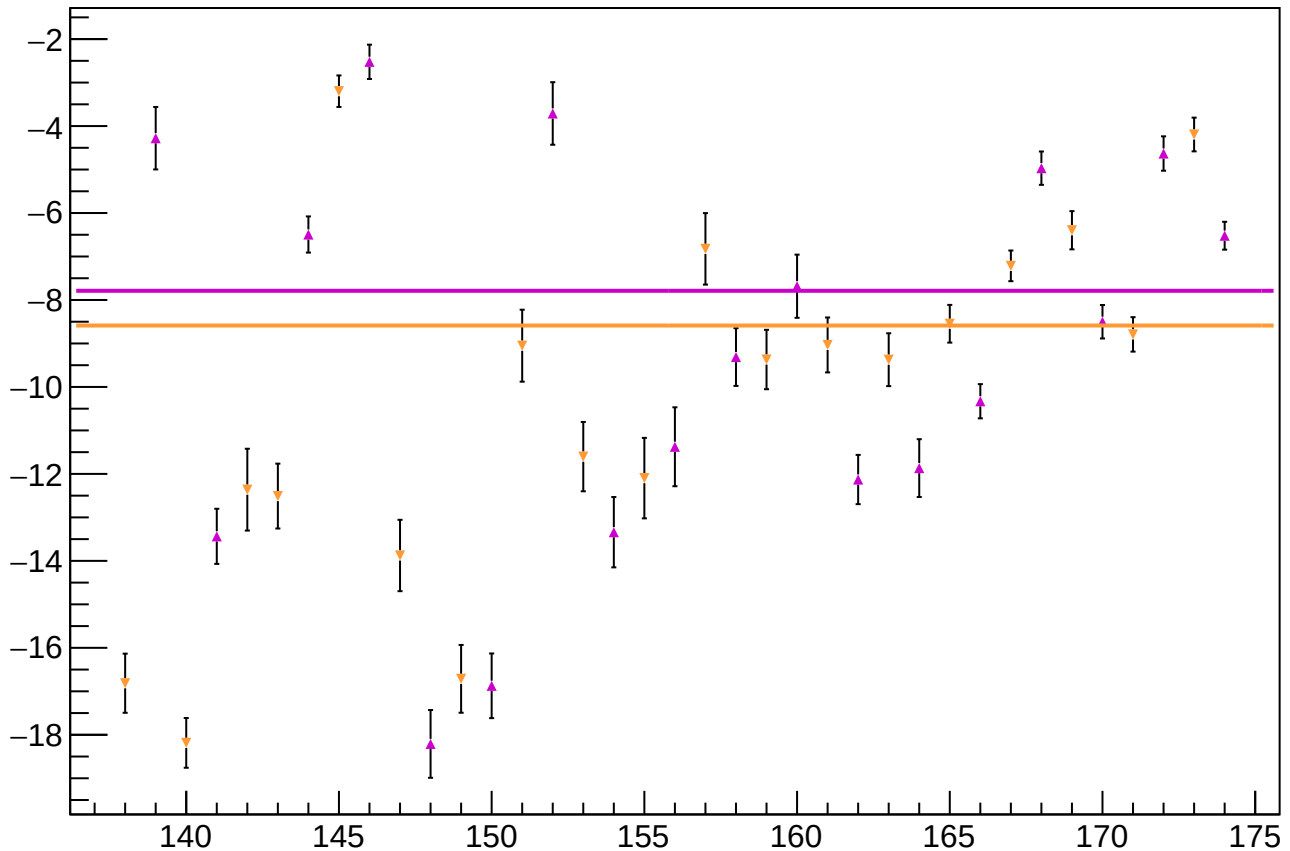
Left In: -0.115 +/- 0.002 χ^2/NDF : 455.9/17

+ sign -0.112 +/- 0.002 χ^2/NDF : 739.8/35

All: -0.116 +/- 0.002 χ^2/NDF : 1828.2/72

- sign -0.120 +/- 0.002 χ^2/NDF : 1083.5/36

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -8.587 ± 0.126 χ^2/NDF : 1048.3/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

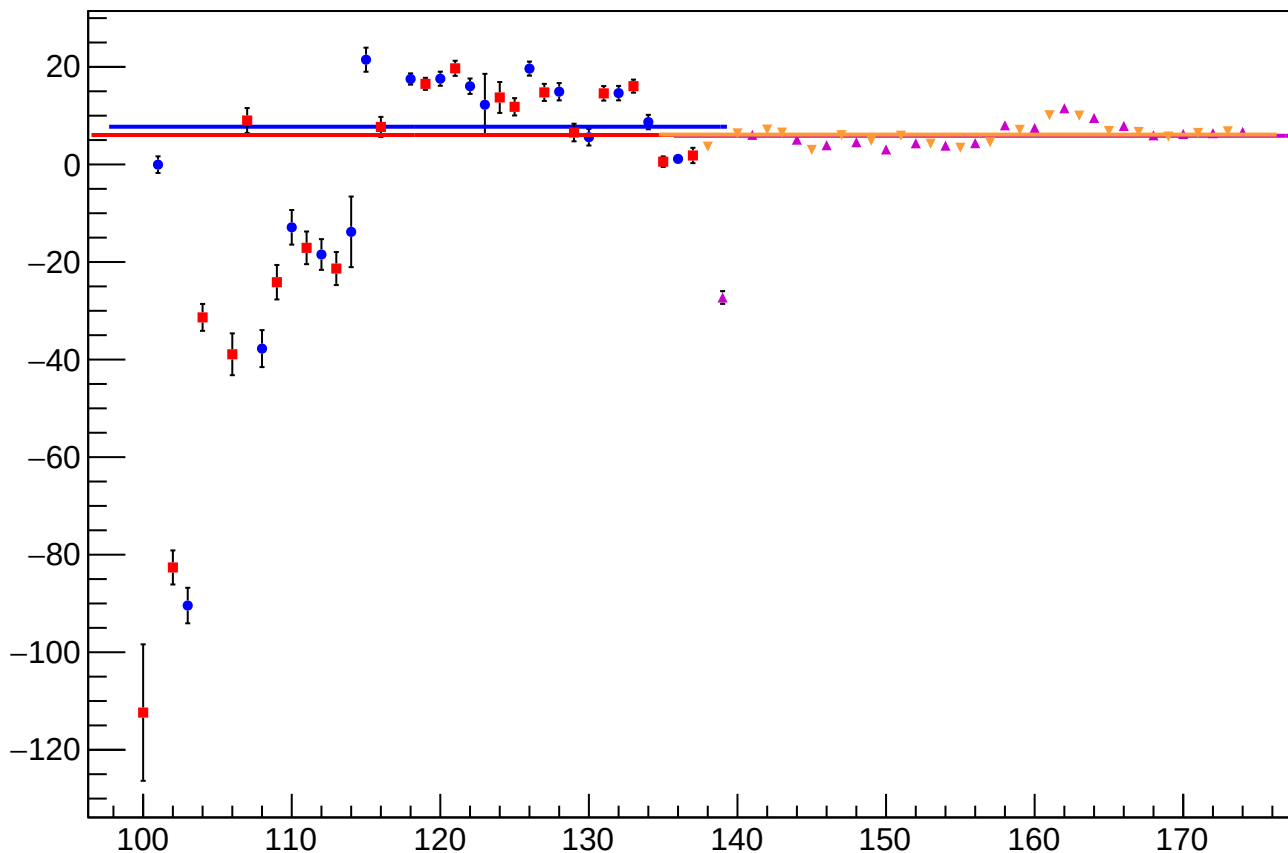
Left In: -7.789 ± 0.119 χ^2/NDF : 994.2/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.167 ± 0.086 χ^2/NDF : 2063.8/36

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 6.122 ± 0.093 χ^2/NDF : 351.0/18

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

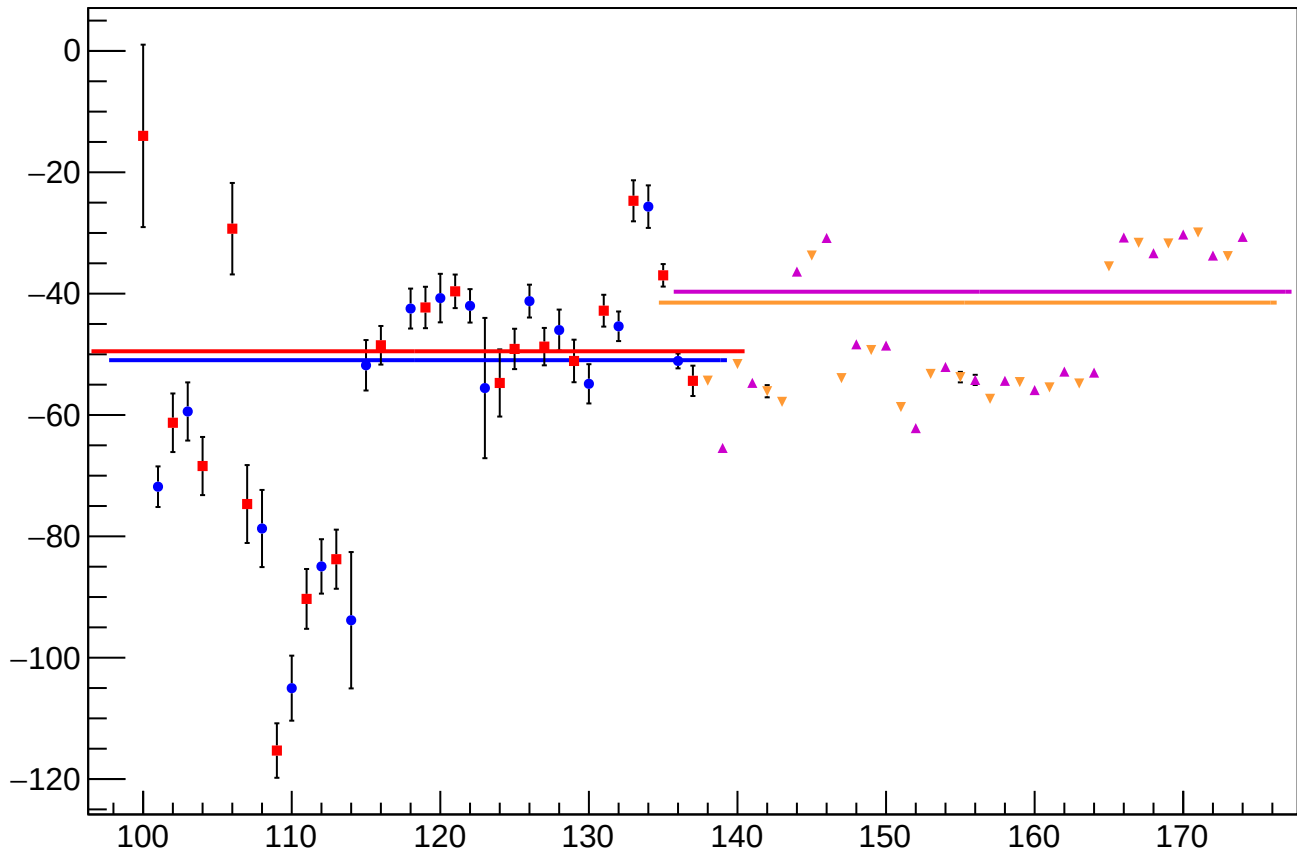
Left In: 5.883 ± 0.090 χ^2/NDF : 1061.1/17

+ sign 6.204 ± 0.091 χ^2/NDF : 1724.7/35

All: 6.042 ± 0.063 χ^2/NDF : 4304.3/72

- sign 5.889 ± 0.088 χ^2/NDF : 2573.4/36

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -41.478 ± 0.126 χ^2/NDF : 7469.0/18

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

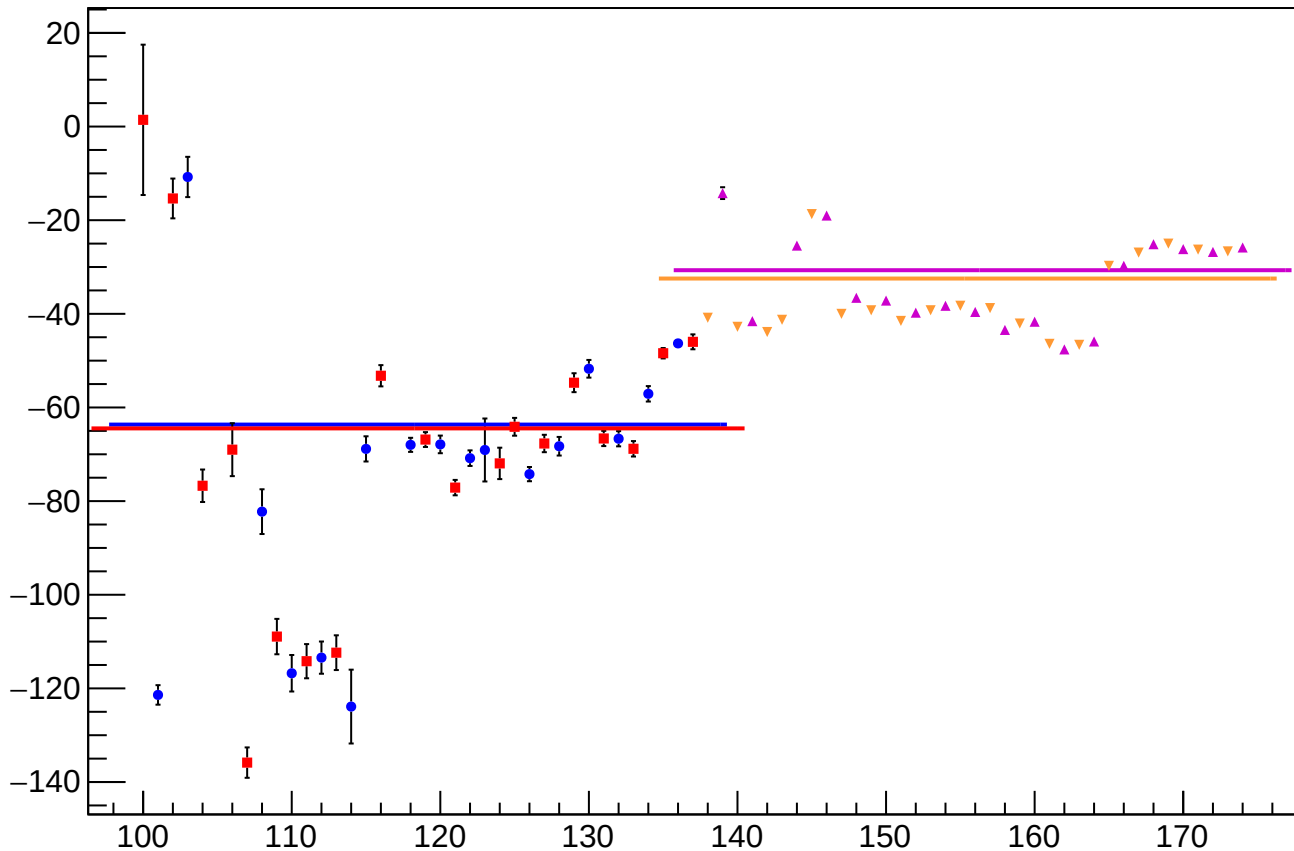
Left In: -39.683 ± 0.120 χ^2/NDF : 8555.0/17

+ sign -41.748 ± 0.125 χ^2/NDF : 7962.4/35

All: -40.778 ± 0.086 χ^2/NDF : 17291.7/72

- sign -39.900 ± 0.118 χ^2/NDF : 9213.6/36

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -32.461 ± 0.106 χ^2/NDF : 6978.3/18

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

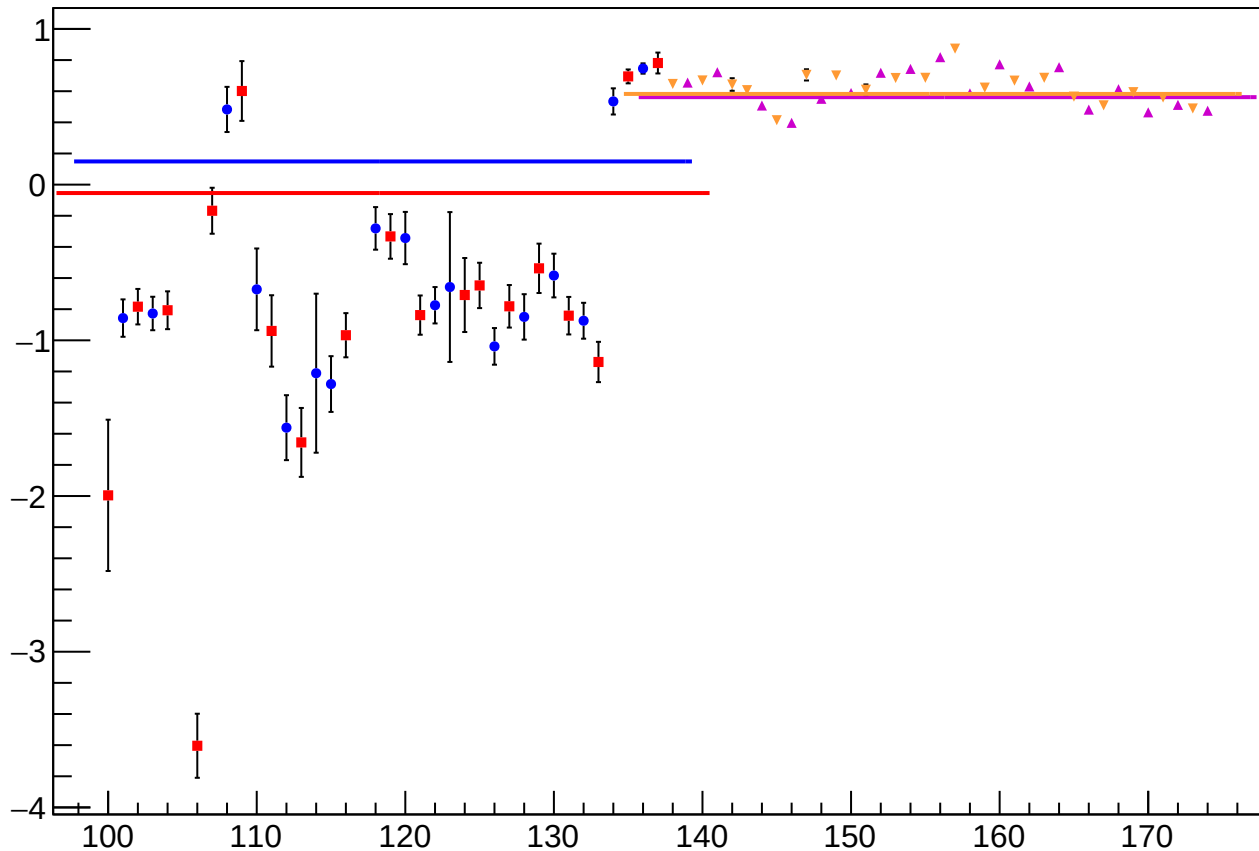
Left In: -30.682 ± 0.102 χ^2/NDF : 6880.7/17

+ sign -34.125 ± 0.103 χ^2/NDF : 13637.5/35

All: -33.100 ± 0.072 χ^2/NDF : 27011.2/72

- sign -32.132 ± 0.100 χ^2/NDF : 13180.8/36

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16

Left Out: 0.583 ± 0.005 χ^2/NDF : 432.2/18

Right Out: -0.054 ± 0.026 χ^2/NDF : 1167.9/18

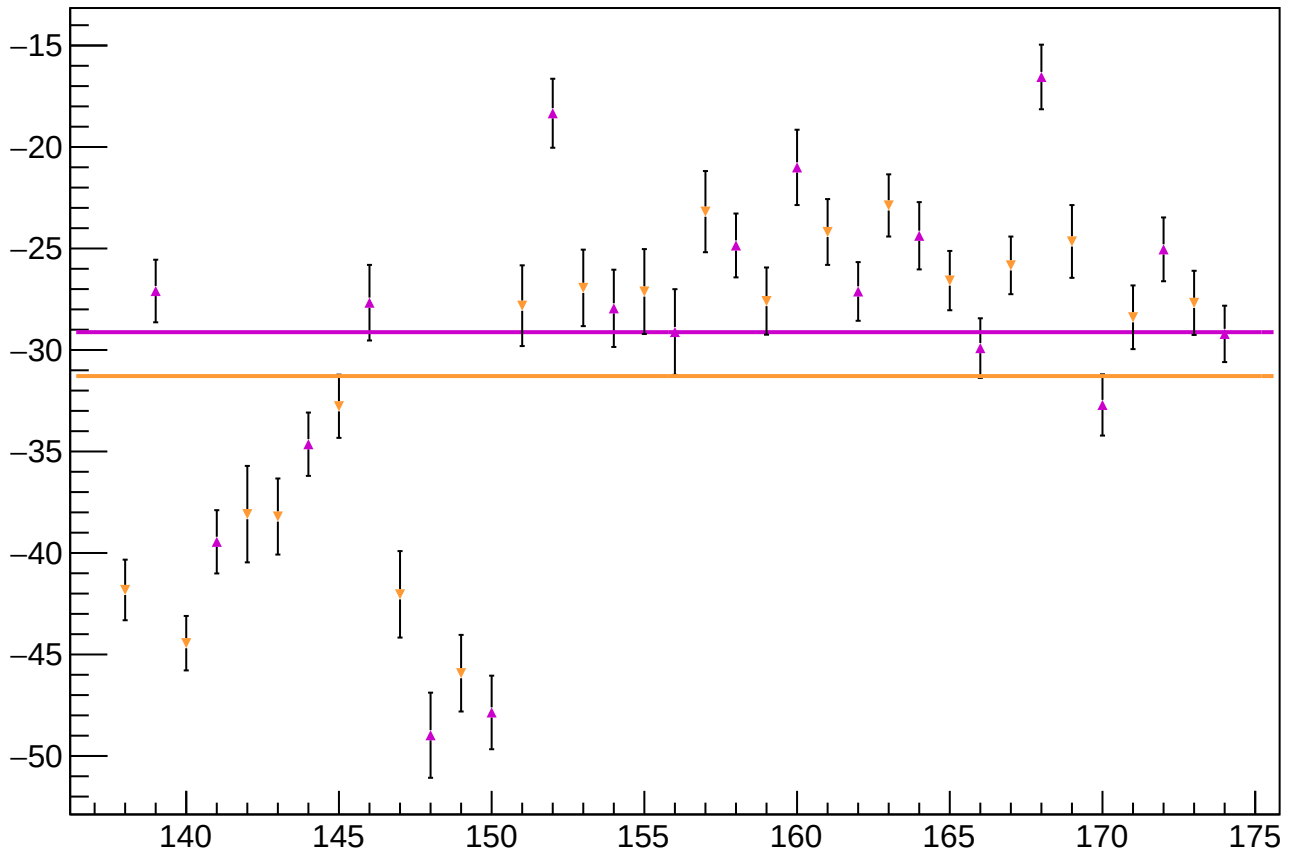
Left In: 0.562 ± 0.005 χ^2/NDF : 579.5/17

+ sign 0.565 ± 0.005 χ^2/NDF : 1736.3/35

All: 0.554 ± 0.003 χ^2/NDF : 4030.9/72

- sign 0.543 ± 0.005 χ^2/NDF : 2283.0/36

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -31.285 $\pm$ 0.388 χ^2 /NDF: 384.9/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

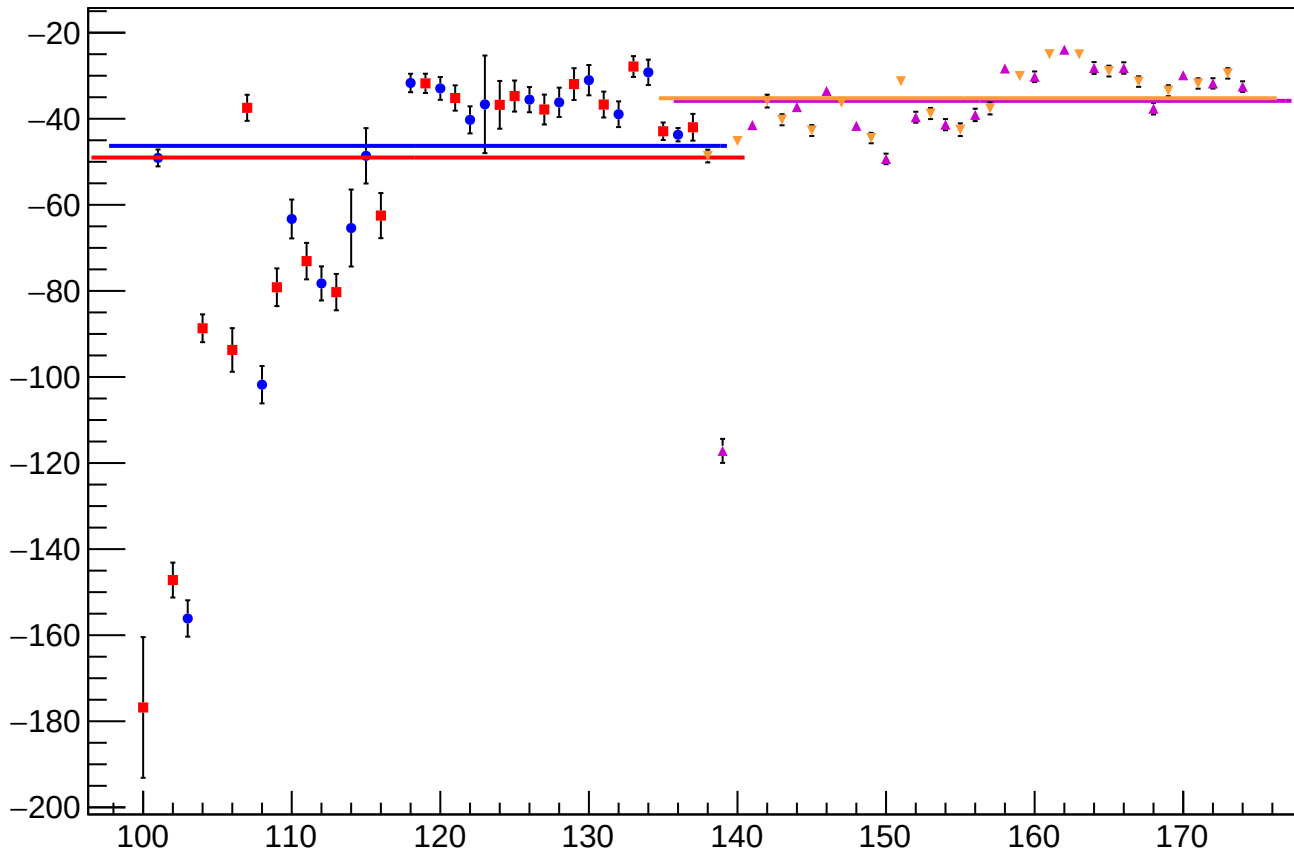
Left In: -29.122 $\pm$ 0.387 χ^2 /NDF: 407.7/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.202 $\pm$ 0.274 χ^2 /NDF: 808.2/36

- sign 0.000 $\pm$ 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: -35.229 ± 0.283 χ^2/NDF : 566.4/18

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

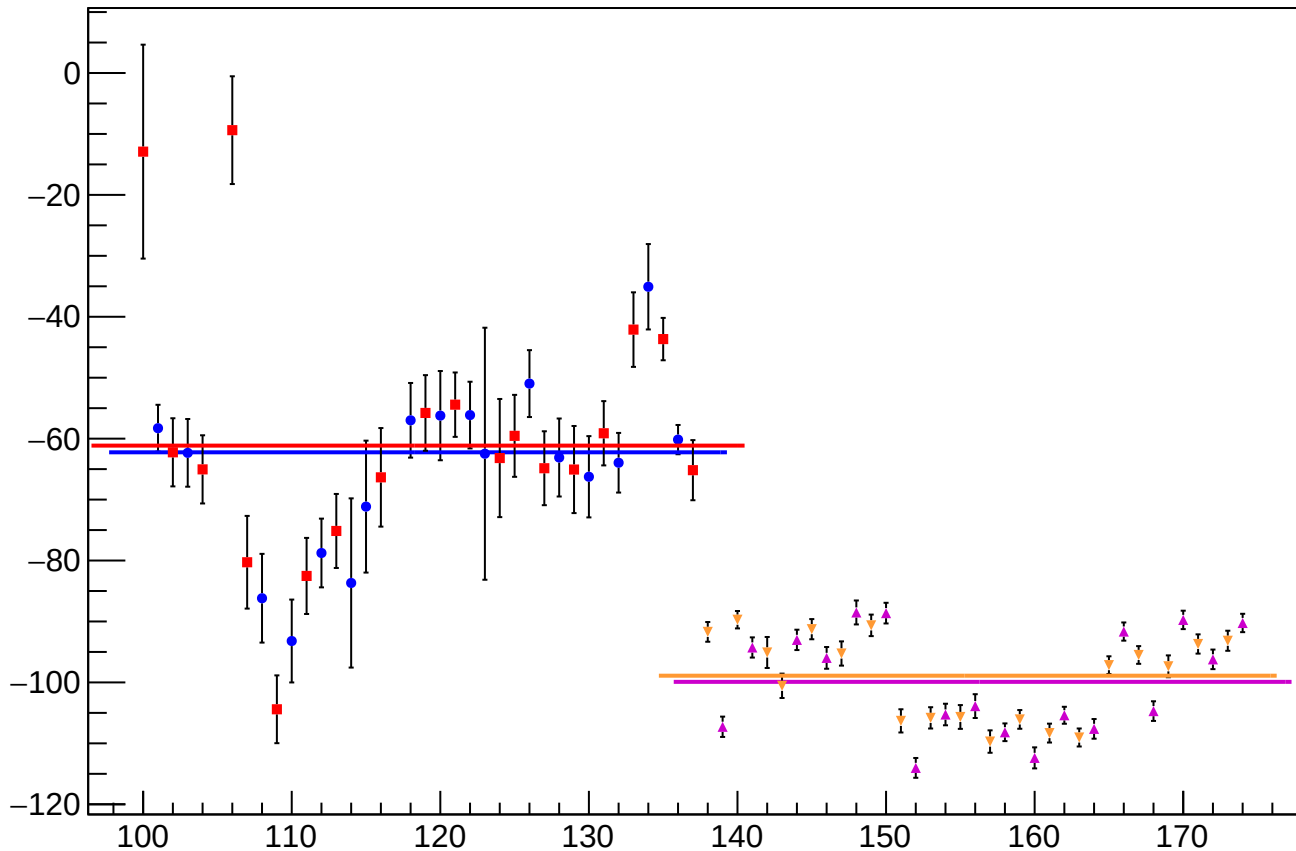
Left In: -35.838 ± 0.290 χ^2/NDF : 1353.4/17

+ sign -36.701 ± 0.264 χ^2/NDF : 1853.9/35

All: -37.089 ± 0.189 χ^2/NDF : 4743.3/72

- sign -37.499 ± 0.271 χ^2/NDF : 2884.9/36

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -98.897 ± 0.386 χ^2/NDF : 324.5/18

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

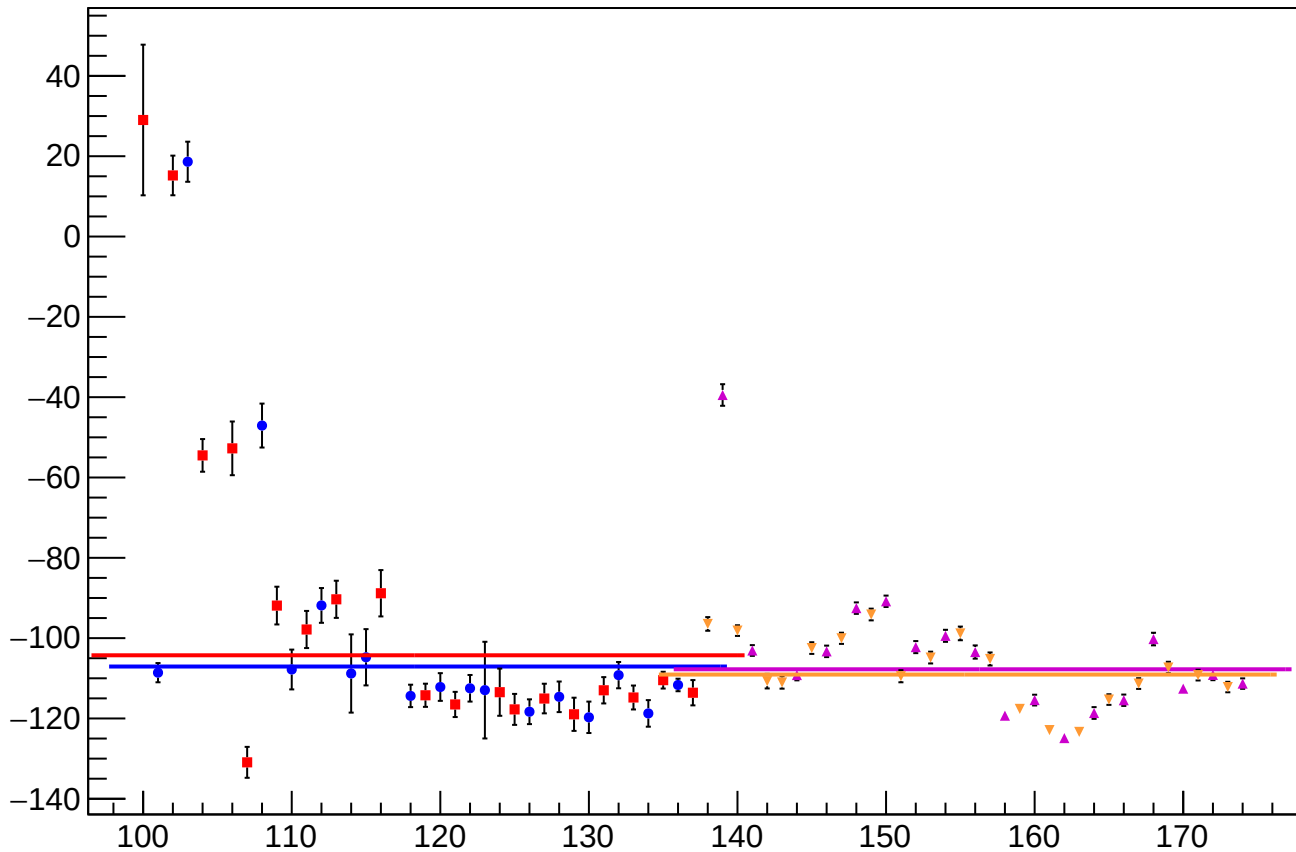
Left In: -99.909 ± 0.384 χ^2/NDF : 473.8/17

+ sign -95.968 ± 0.370 χ^2/NDF : 1112.2/35

All: -96.544 ± 0.262 χ^2/NDF : 2489.3/72

- sign -97.118 ± 0.370 χ^2/NDF : 1372.3/36

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -109.068 ± 0.324 χ^2/NDF : 692.1/18

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

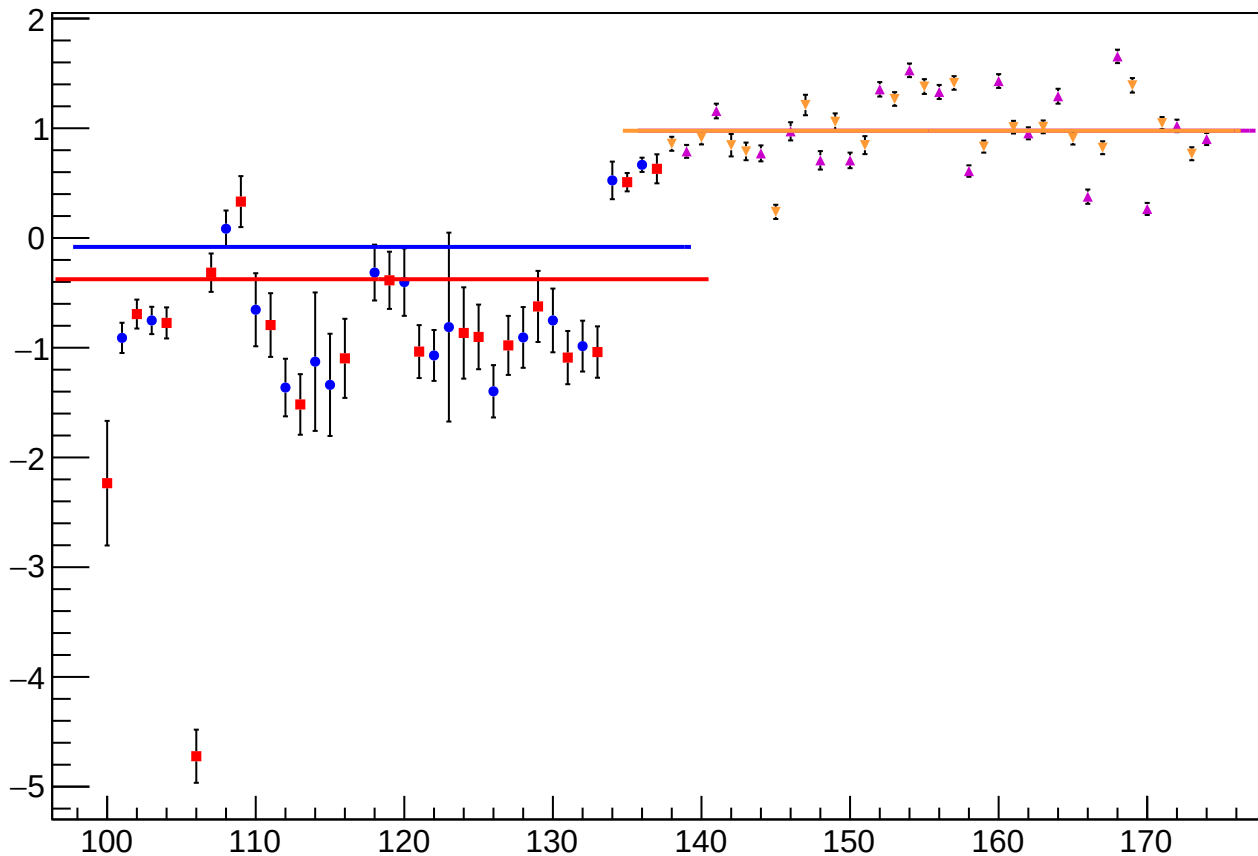
Left In: -107.753 ± 0.329 χ^2/NDF : 1445.1/17

+ sign -108.793 ± 0.301 χ^2/NDF : 1525.7/35

All: -108.067 ± 0.215 χ^2/NDF : 4015.6/72

- sign -107.309 ± 0.308 χ^2/NDF : 2478.0/36

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.977 ± 0.015 χ^2/NDF : 326.4/18

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

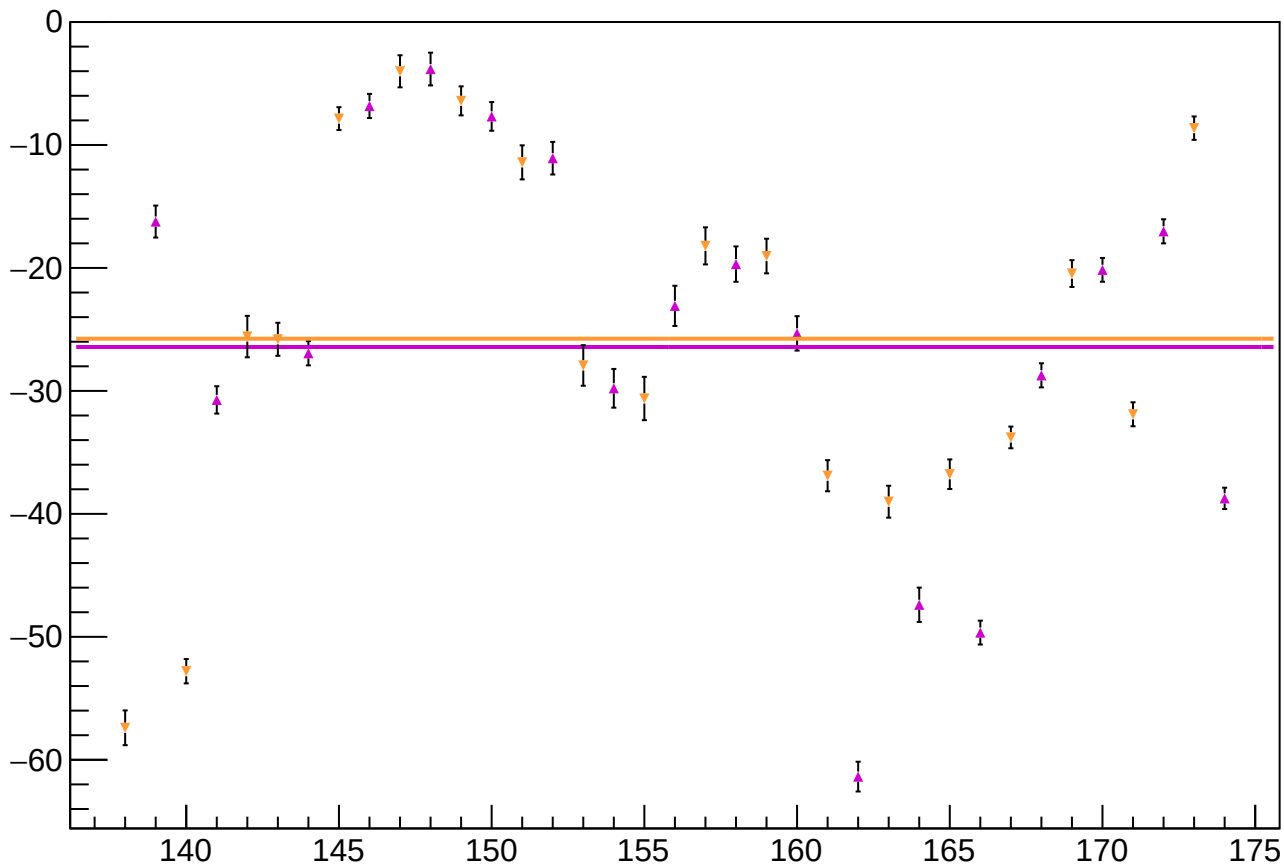
Left In: 0.978 ± 0.015 χ^2/NDF : 691.5/17

+ sign 0.859 ± 0.014 χ^2/NDF : 1215.3/35

All: 0.849 ± 0.010 χ^2/NDF : 3344.8/72

- sign 0.839 ± 0.014 χ^2/NDF : 2128.4/36

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -25.754+/-0.275 χ^2/NDF : 3063.5/18

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

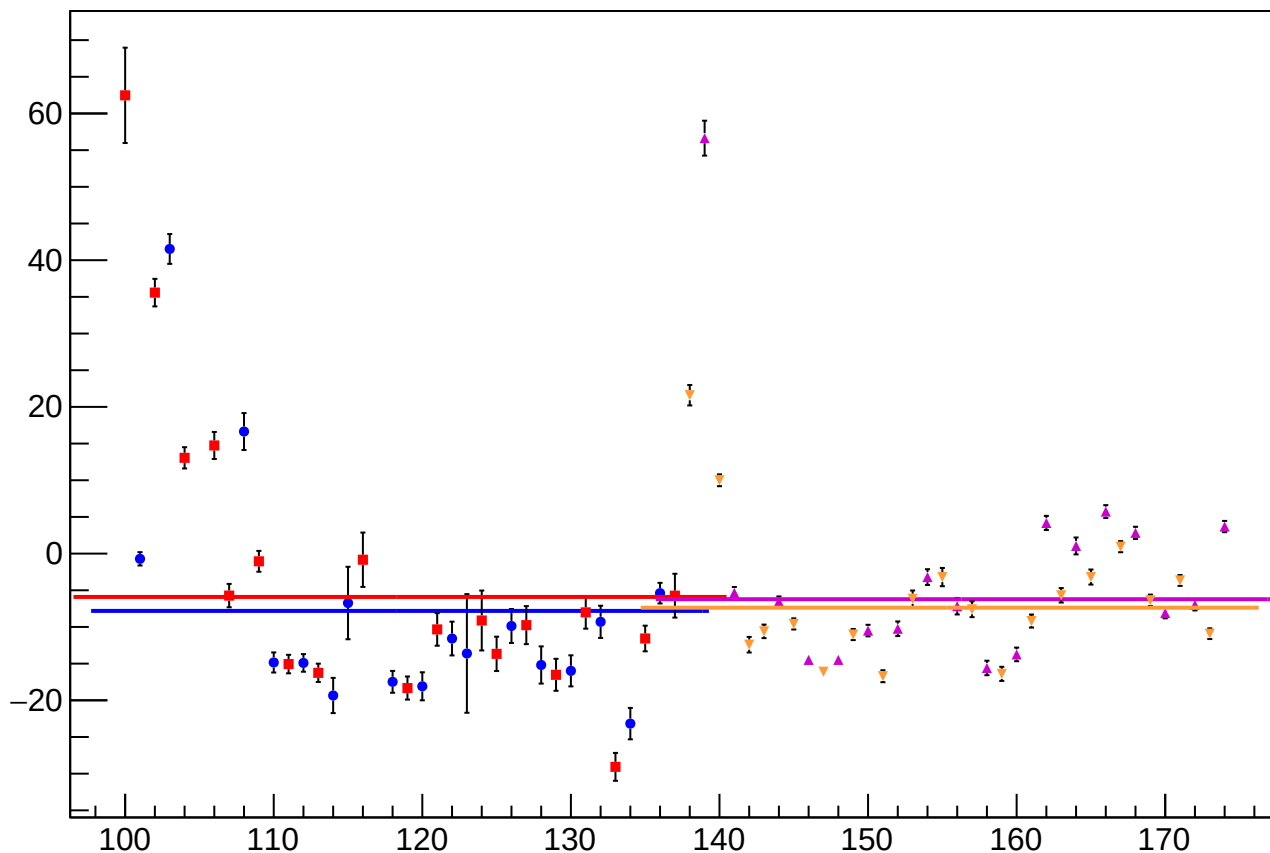
Left In: -26.429+/-0.269 χ^2/NDF : 3160.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.099+/-0.192 χ^2/NDF : 6227.2/36

- 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: -7.375 ± 0.199 χ^2/NDF : 1581.7/18

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

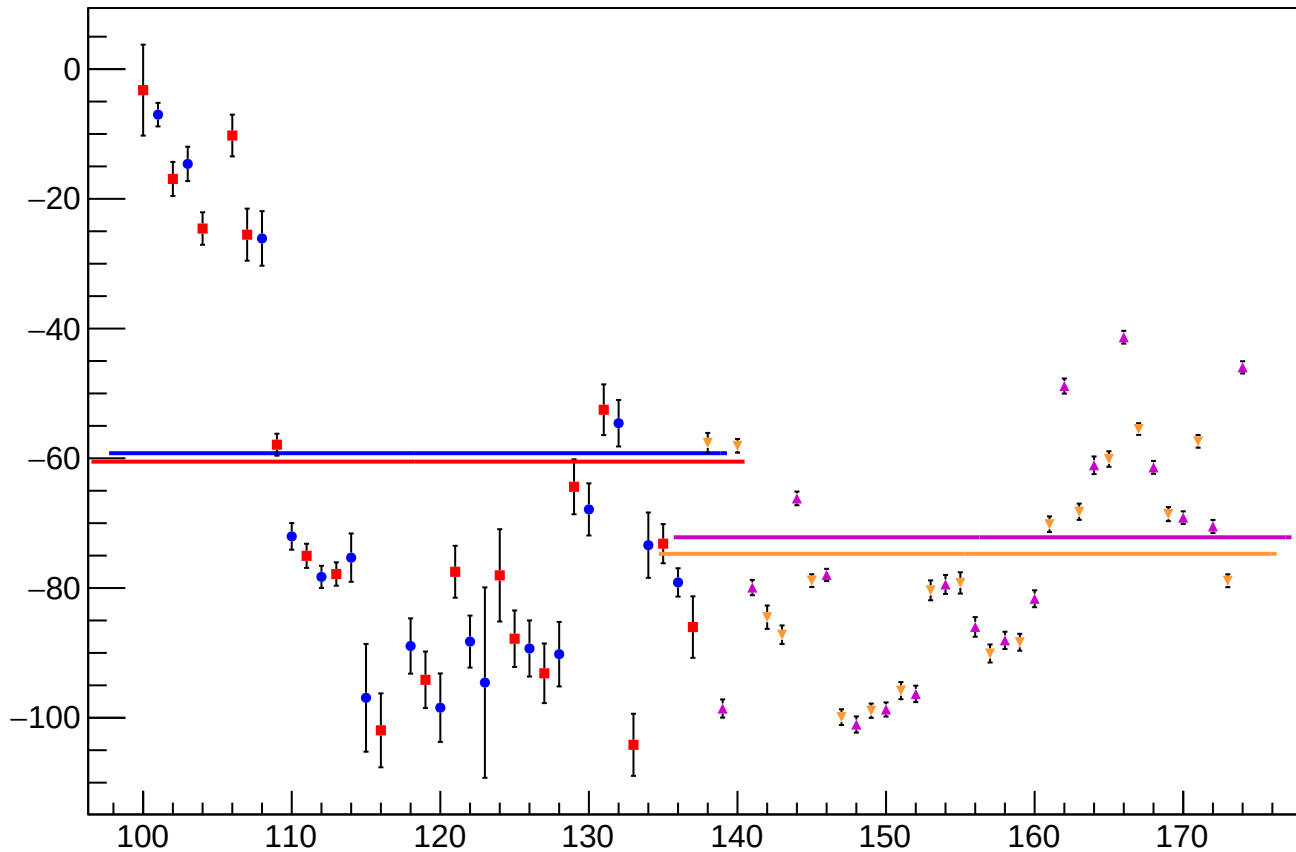
Left In: -6.219 ± 0.199 χ^2/NDF : 1884.9/17

+ sign -7.453 ± 0.180 χ^2/NDF : 2565.4/35

All: -6.810 ± 0.128 χ^2/NDF : 5769.3/72

- sign -6.164 ± 0.181 χ^2/NDF : 3178.4/36

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 $\pm$ 0.744 χ^2 /NDF: 1720.4/16

Left Out: -74.720 $\pm$ 0.275 χ^2 /NDF: 2915.8/18

Right Out: -60.513 $\pm$ 0.704 χ^2 /NDF: 1383.9/18

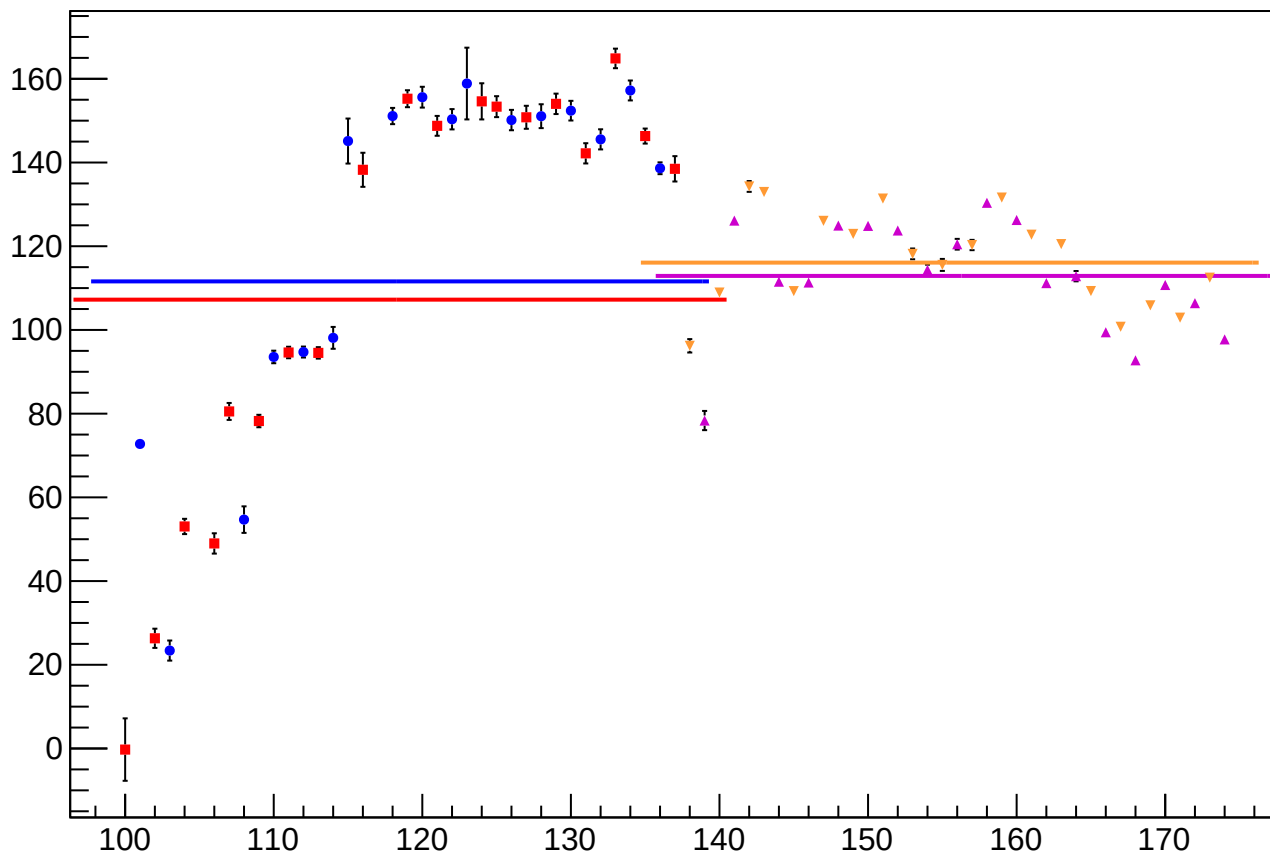
Left In: -72.175 $\pm$ 0.268 χ^2 /NDF: 4602.5/17

+ sign -72.861 $\pm$ 0.258 χ^2 /NDF: 5018.8/35

All: -71.750 $\pm$ 0.180 χ^2 /NDF: 11281.0/72

- sign -70.697 $\pm$ 0.251 χ^2 /NDF: 6225.9/36

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599 ± 0.487 $\chi^2/\text{NDF}: 5959.5/16$

Left Out: 116.086 ± 0.229 $\chi^2/\text{NDF}: 2213.8/18$

Right Out: 107.238 ± 0.488 $\chi^2/\text{NDF}: 7037.4/18$

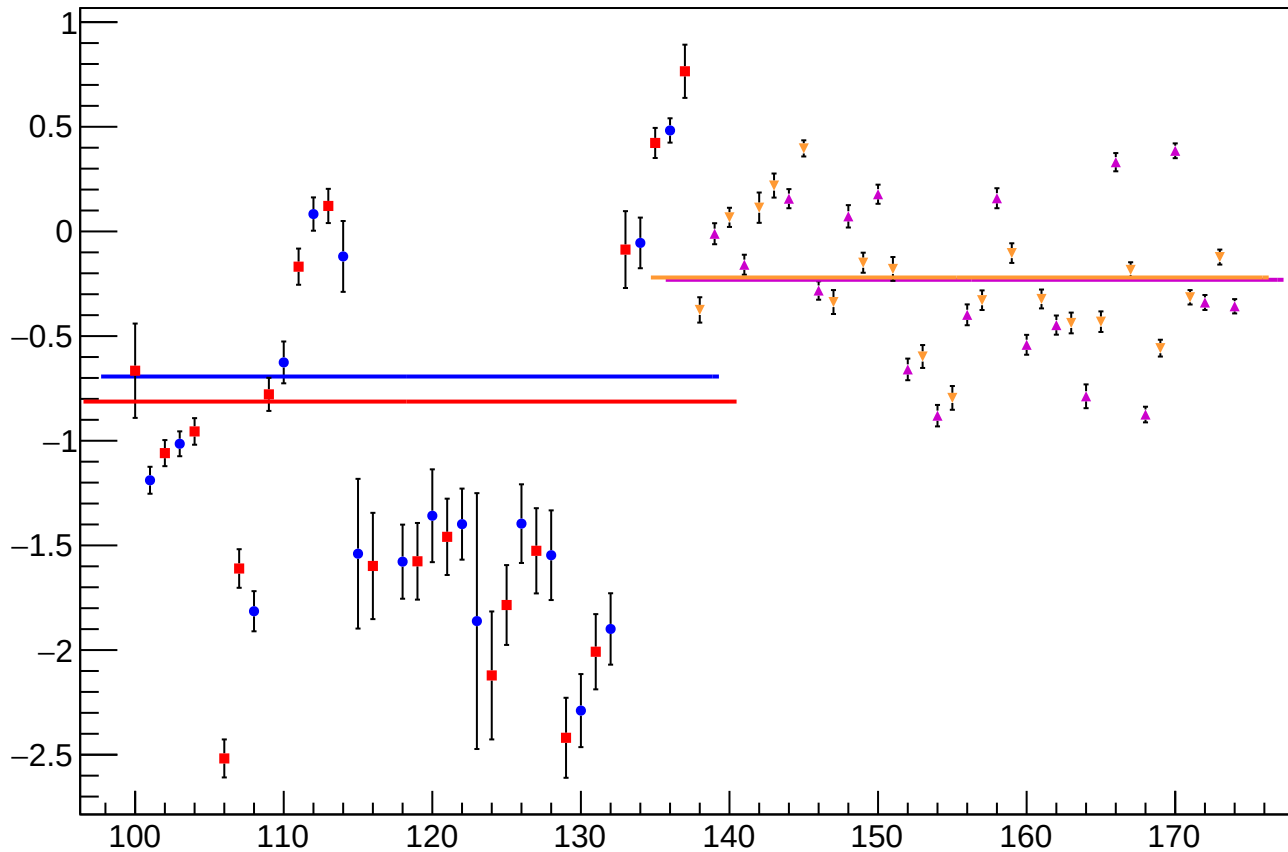
Left In: 112.909 ± 0.228 $\chi^2/\text{NDF}: 2415.9/17$

+ sign 115.273 ± 0.207 $\chi^2/\text{NDF}: 8242.9/35$

All: 113.578 ± 0.146 $\chi^2/\text{NDF}: 17940.8/72$

- sign 111.890 ± 0.207 $\chi^2/\text{NDF}: 9564.2/36$

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.220 ± 0.011 χ^2/NDF : 678.5/18

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

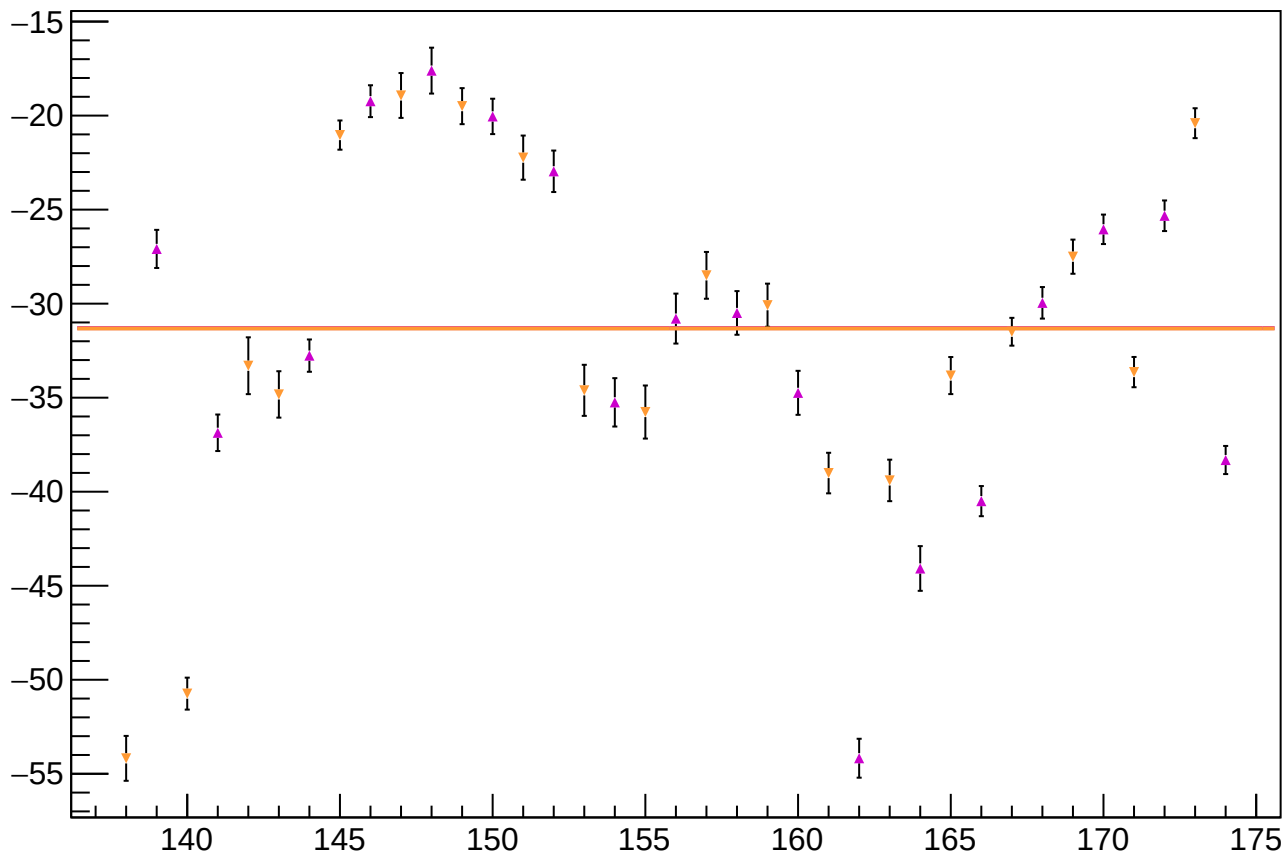
Left In: -0.231 ± 0.010 χ^2/NDF : 1463.8/17

+ sign -0.289 ± 0.010 χ^2/NDF : 1959.3/35

All: -0.306 ± 0.007 χ^2/NDF : 5222.0/72

- sign -0.322 ± 0.010 χ^2/NDF : 3257.1/36

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.318+/-0.231 χ^2/NDF : 1741.4/18

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

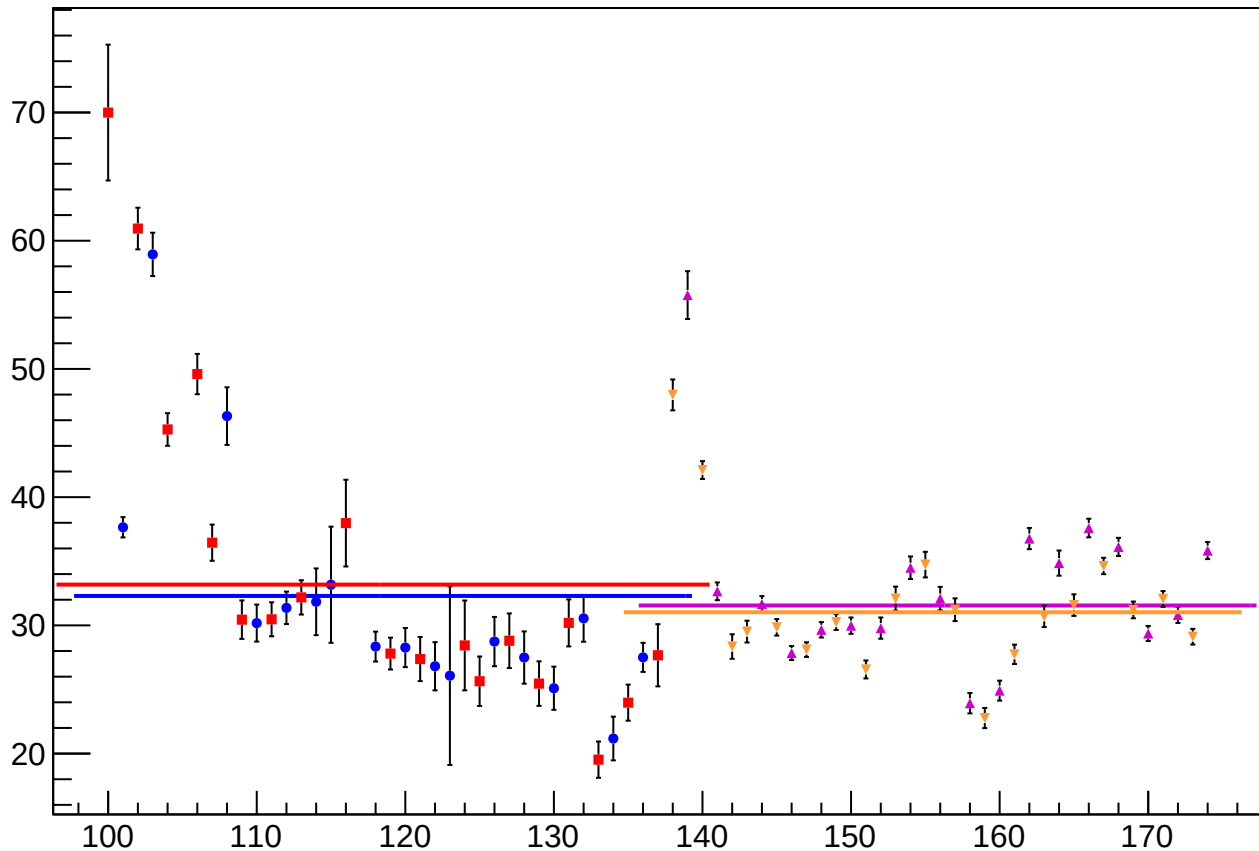
Left In: -31.301+/-0.226 χ^2/NDF : 1526.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.309+/-0.162 χ^2/NDF : 3267.4/36

- 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 $\chi^2/\text{NDF}: 452.2/16$

Left Out: 31.025 ± 0.169 $\chi^2/\text{NDF}: 722.6/18$

Right Out: 33.180 ± 0.379 $\chi^2/\text{NDF}: 770.3/18$

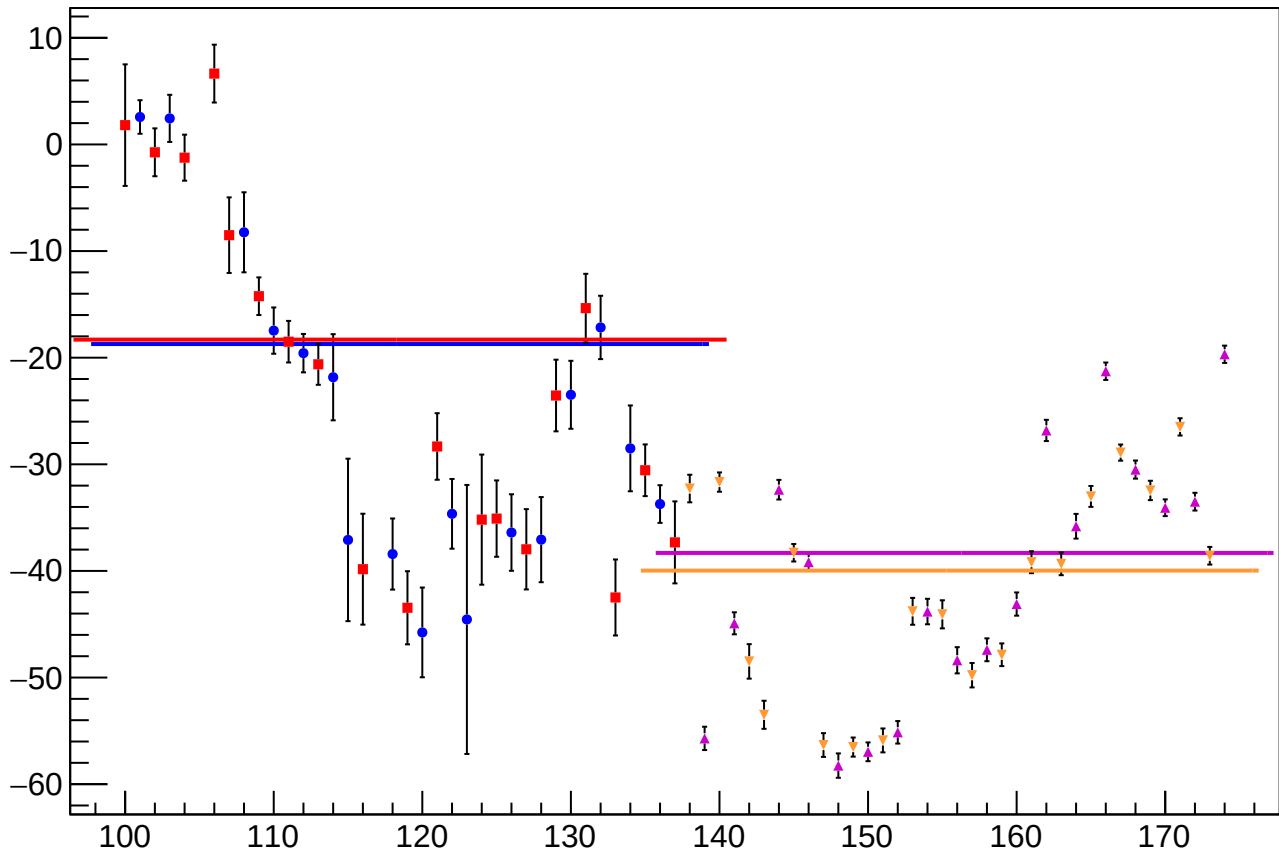
Left In: 31.551 ± 0.169 $\chi^2/\text{NDF}: 632.0/17$

+ sign 31.241 ± 0.154 $\chi^2/\text{NDF}: 1184.5/35$

All: 31.530 ± 0.109 $\chi^2/\text{NDF}: 2609.2/72$

- sign 31.822 ± 0.155 $\chi^2/\text{NDF}: 1417.6/36$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -39.969 ± 0.231 χ^2/NDF : 1776.6/18

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

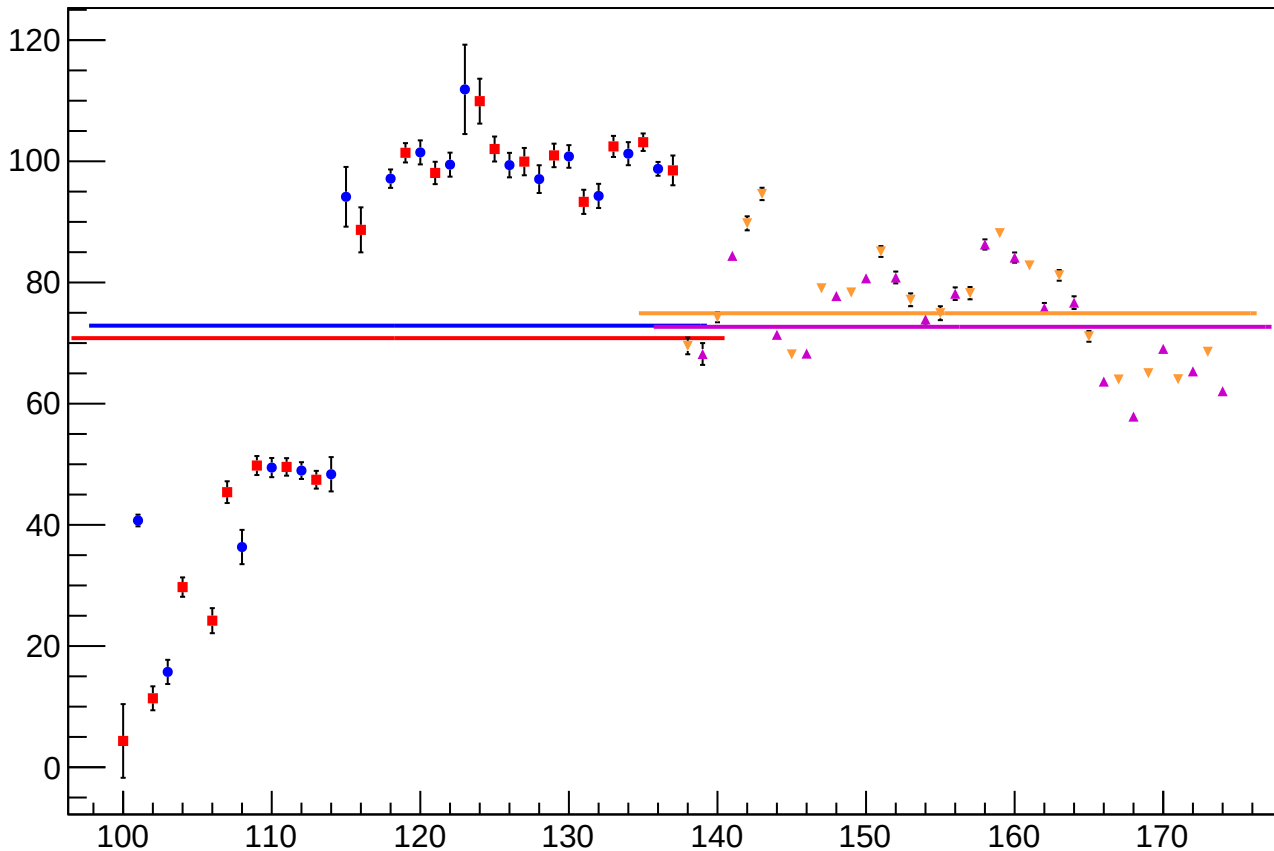
Left In: -38.313 ± 0.225 χ^2/NDF : 2770.8/17

+ sign -37.687 ± 0.218 χ^2/NDF : 3206.5/35

All: -36.889 ± 0.152 χ^2/NDF : 7337.1/72

- sign -36.130 ± 0.213 χ^2/NDF : 4104.5/36

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 $\pm$ 0.426 χ^2 /NDF: 4737.9/16

Left Out: 74.920 $\pm$ 0.193 χ^2 /NDF: 2029.9/18

Right Out: 70.815 $\pm$ 0.433 χ^2 /NDF: 5489.3/18

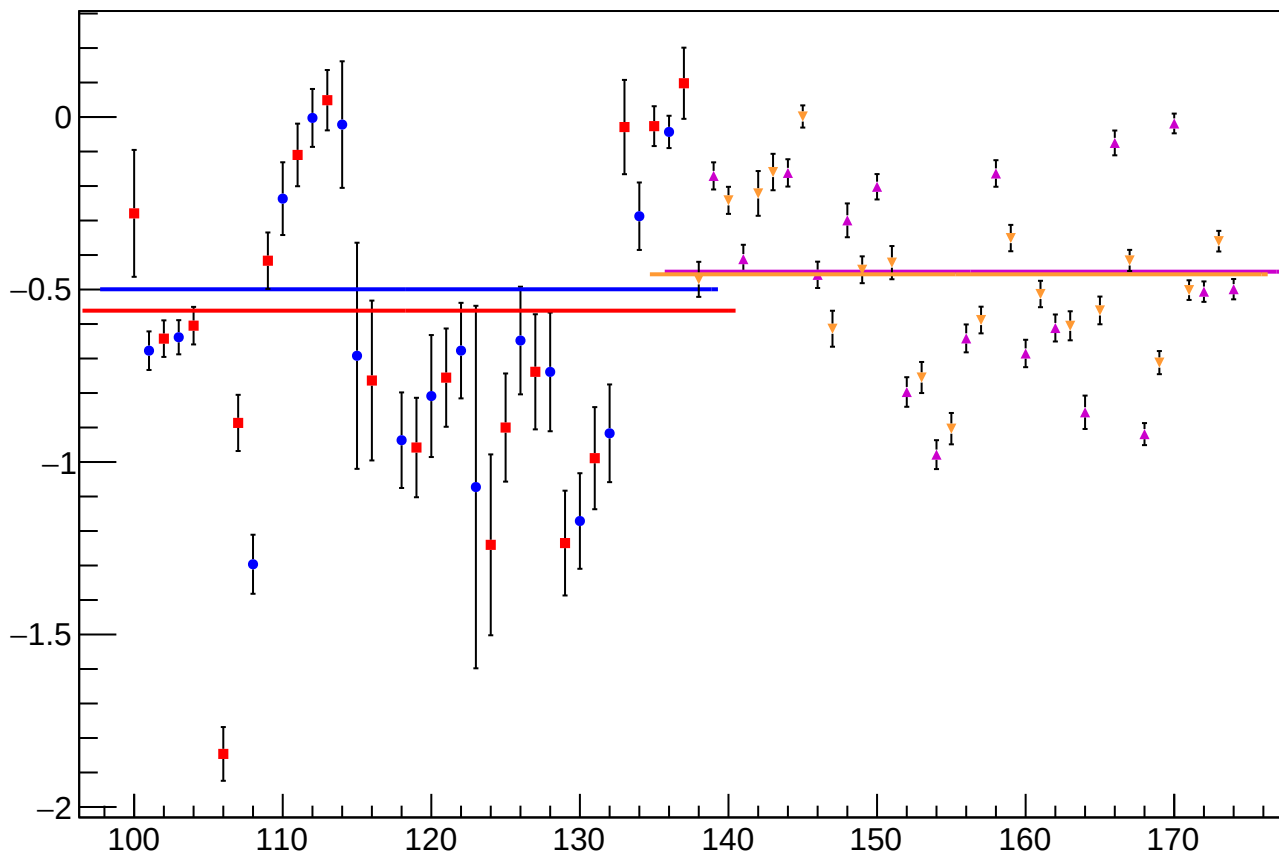
Left In: 72.684 $\pm$ 0.193 χ^2 /NDF: 1810.3/17

+ sign 74.571 $\pm$ 0.176 χ^2 /NDF: 6787.0/35

All: 73.474 $\pm$ 0.125 χ^2 /NDF: 14179.7/72

- sign 72.375 $\pm$ 0.176 χ^2 /NDF: 7315.1/36

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.456 ± 0.009 χ^2/NDF : 541.3/18

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

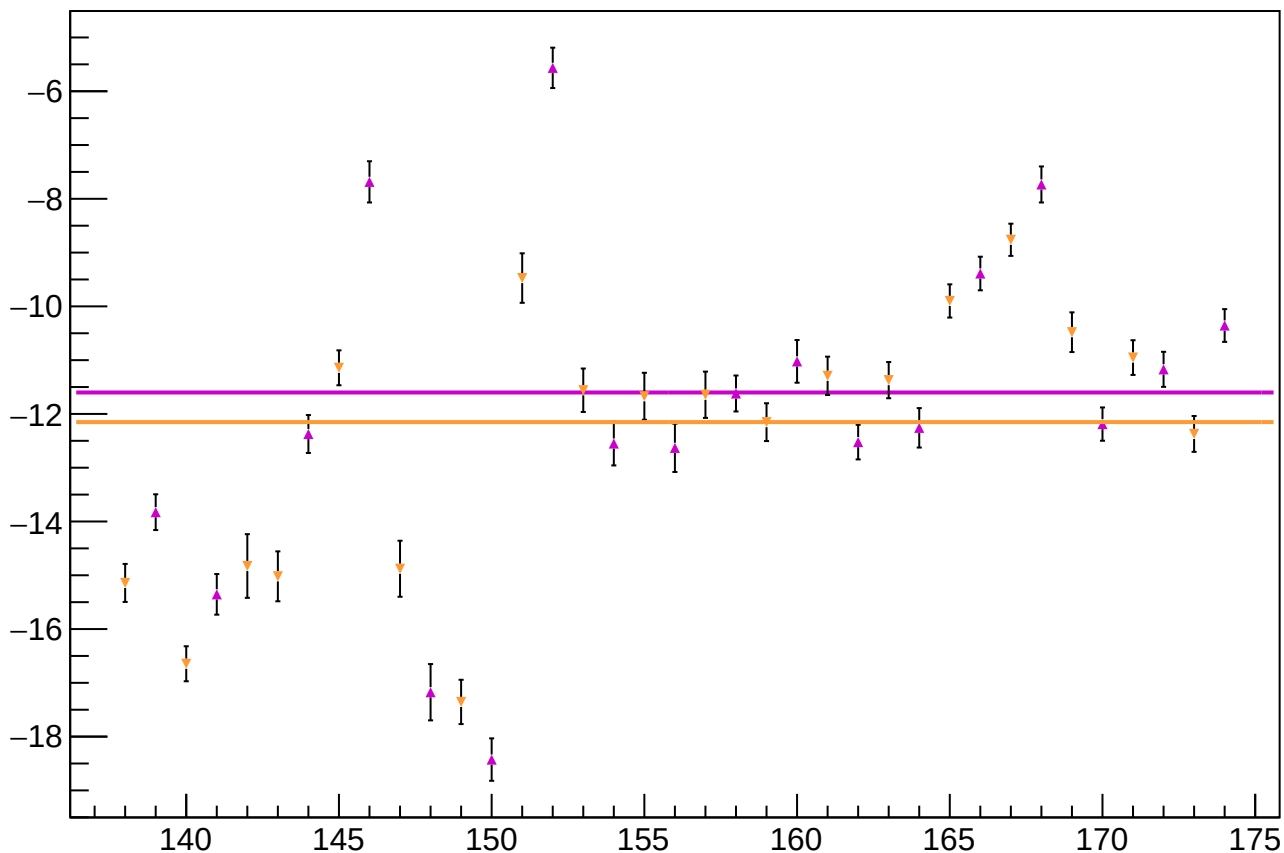
Left In: -0.448 ± 0.009 χ^2/NDF : 1142.1/17

+ sign -0.462 ± 0.008 χ^2/NDF : 848.1/35

All: -0.463 ± 0.006 χ^2/NDF : 2576.5/72

- sign -0.464 ± 0.008 χ^2/NDF : 1728.4/36

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: -12.152 ± 0.085 χ^2/NDF : 783.5/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

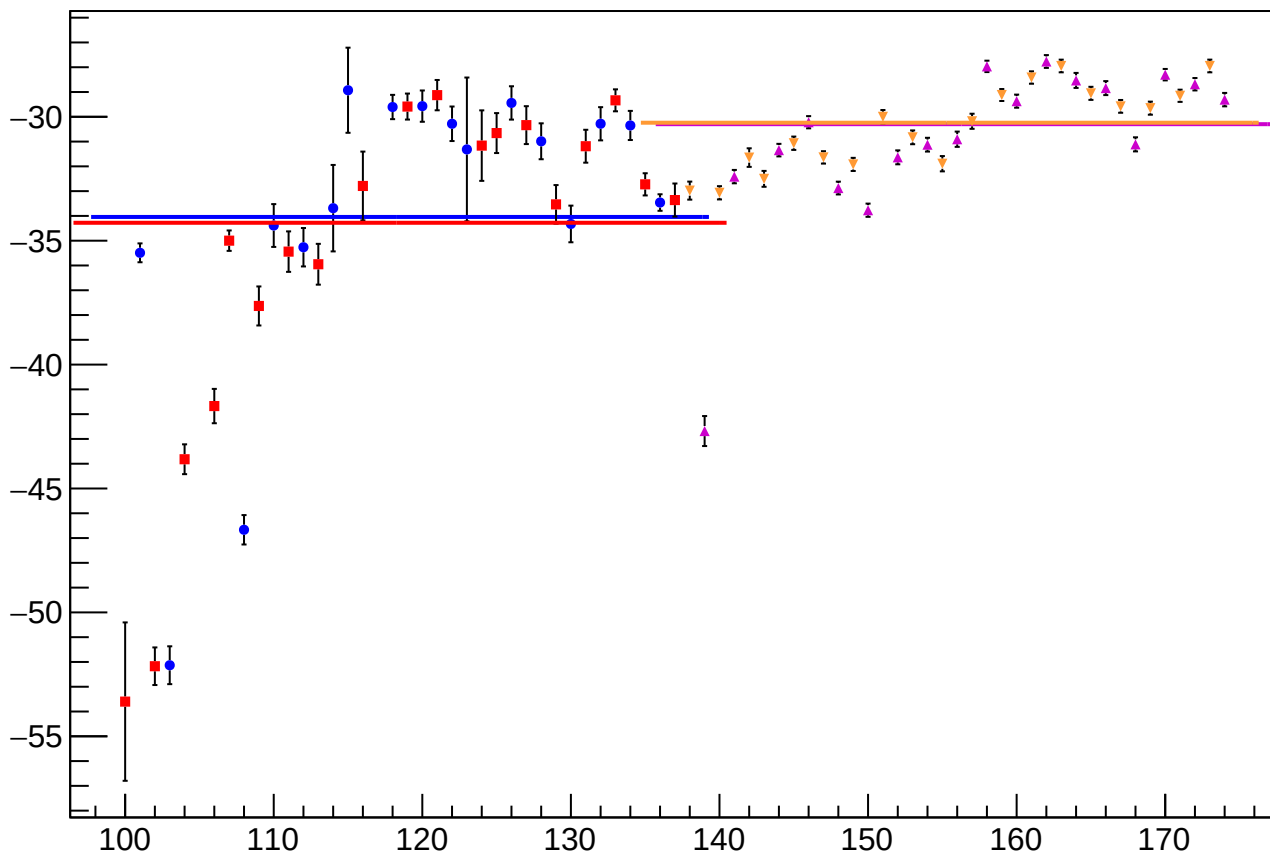
Left In: -11.601 ± 0.084 χ^2/NDF : 1153.4/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.873 ± 0.060 χ^2/NDF : 1958.1/36

- 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: -30.239 ± 0.063 χ^2/NDF : 632.8/18

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

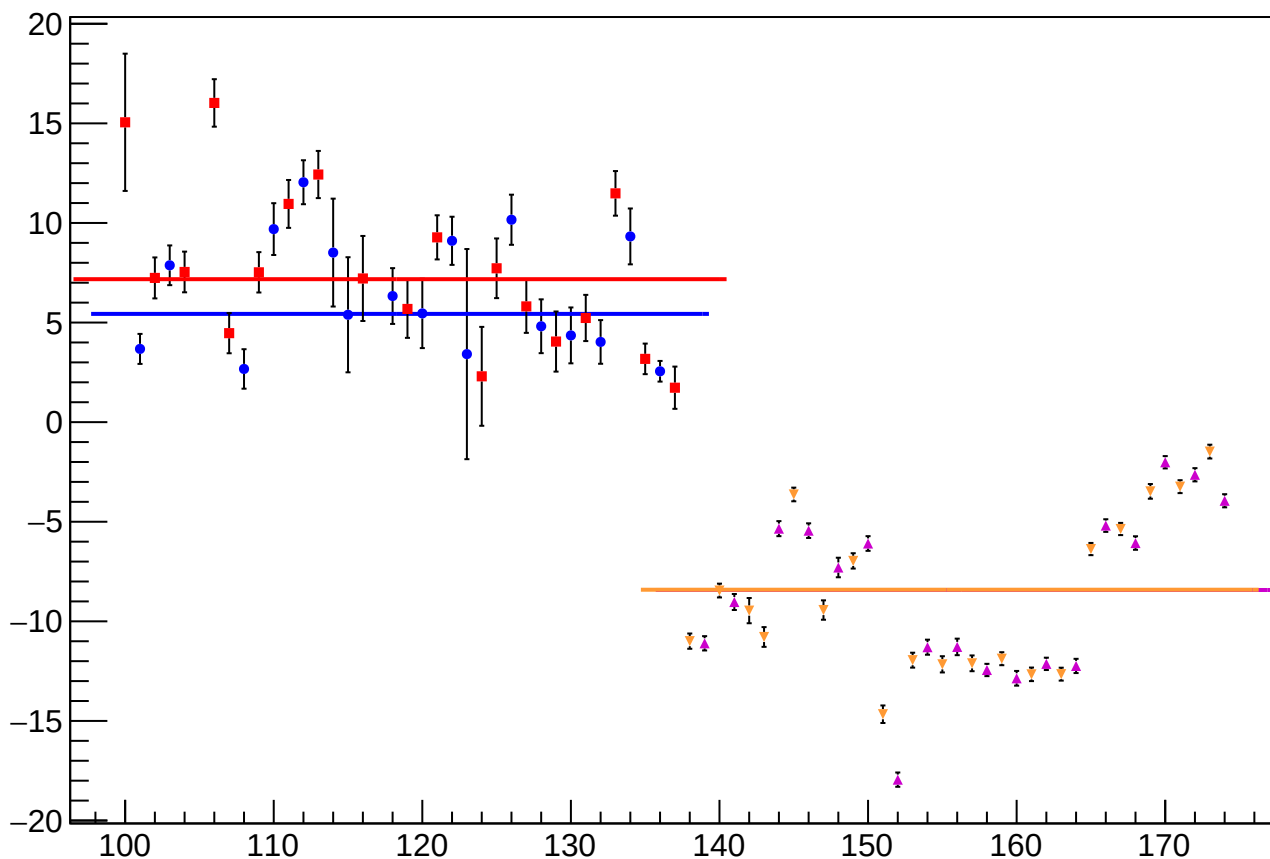
Left In: -30.298 ± 0.064 χ^2/NDF : 1209.8/17

+ sign -30.801 ± 0.058 χ^2/NDF : 2516.2/35

All: -30.851 ± 0.041 χ^2/NDF : 5667.3/72

- sign -30.902 ± 0.059 χ^2/NDF : 3149.5/36

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: -8.413 ± 0.085 χ^2/NDF : 2161.2/18

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

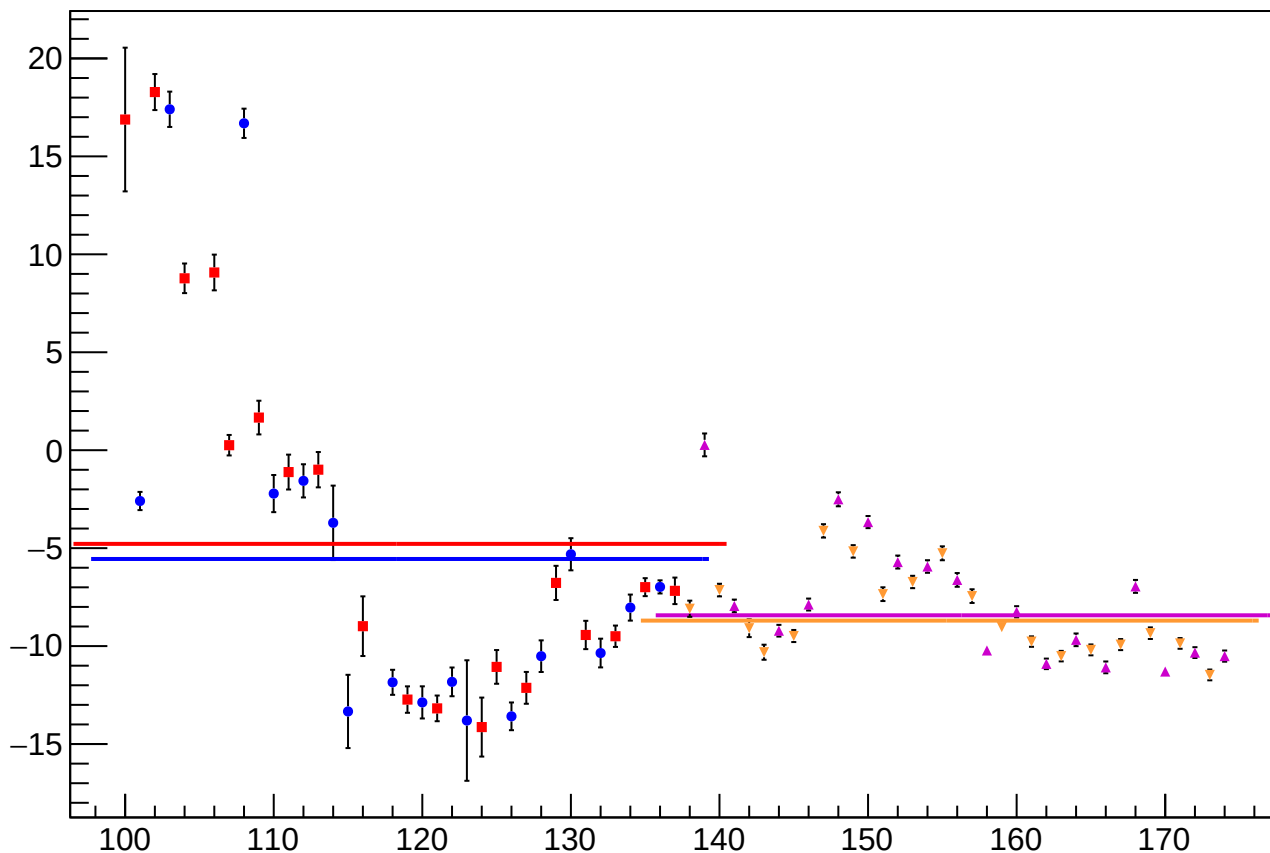
Left In: -8.427 ± 0.083 χ^2/NDF : 2679.9/17

+ sign -7.172 ± 0.081 χ^2/NDF : 4695.7/35

All: -7.138 ± 0.057 χ^2/NDF : 10523.1/72

- sign -7.104 ± 0.080 χ^2/NDF : 5827.1/36

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553 ± 0.170 $\chi^2/\text{NDF}: 2125.3/16$

Left Out: -8.699 ± 0.071 $\chi^2/\text{NDF}: 746.7/18$

Right Out: -4.782 ± 0.173 $\chi^2/\text{NDF}: 2040.4/18$

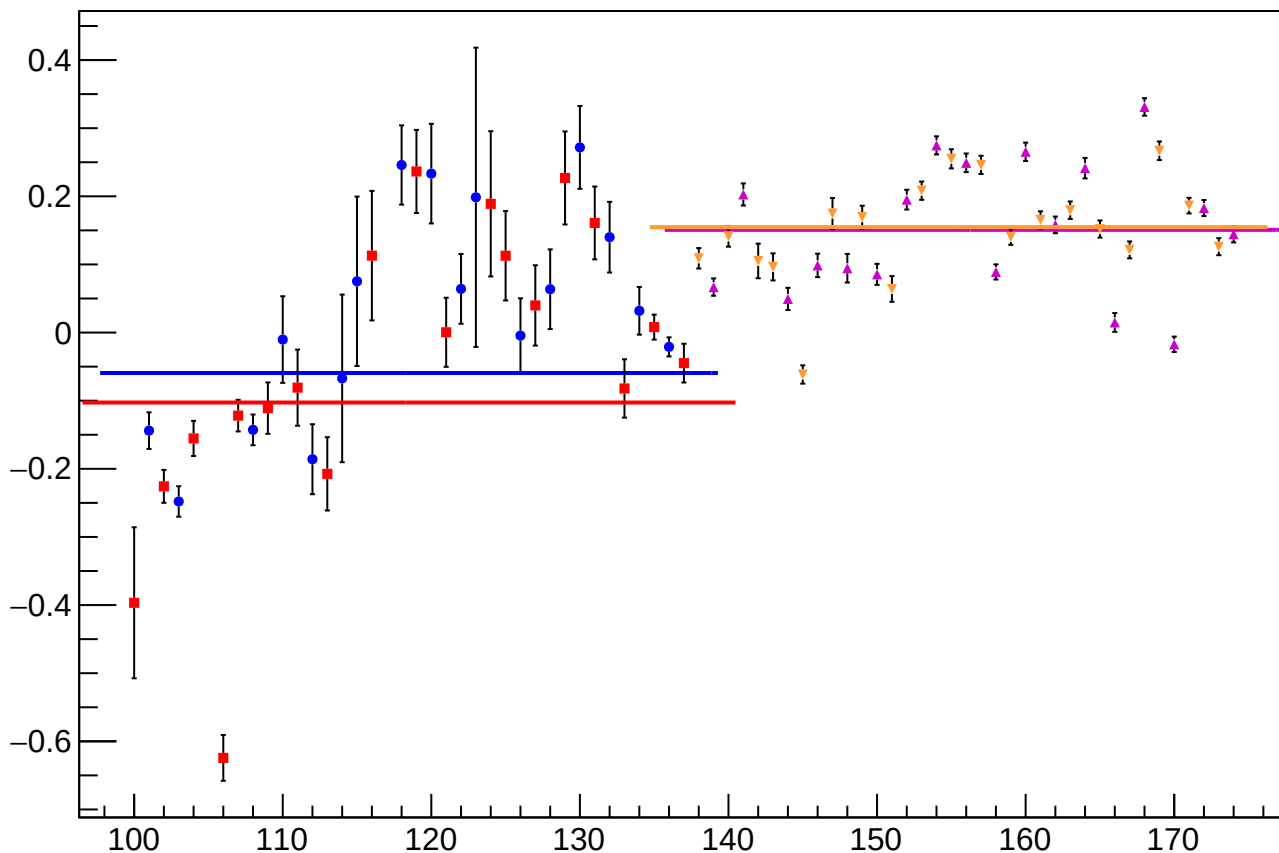
Left In: -8.428 ± 0.072 $\chi^2/\text{NDF}: 1383.3/17$

+ sign -8.228 ± 0.066 $\chi^2/\text{NDF}: 3163.5/35$

All: -8.061 ± 0.047 $\chi^2/\text{NDF}: 6979.9/72$

- sign -7.890 ± 0.066 $\chi^2/\text{NDF}: 3803.3/36$

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: 0.155 ± 0.003 χ^2/NDF : 512.8/18

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

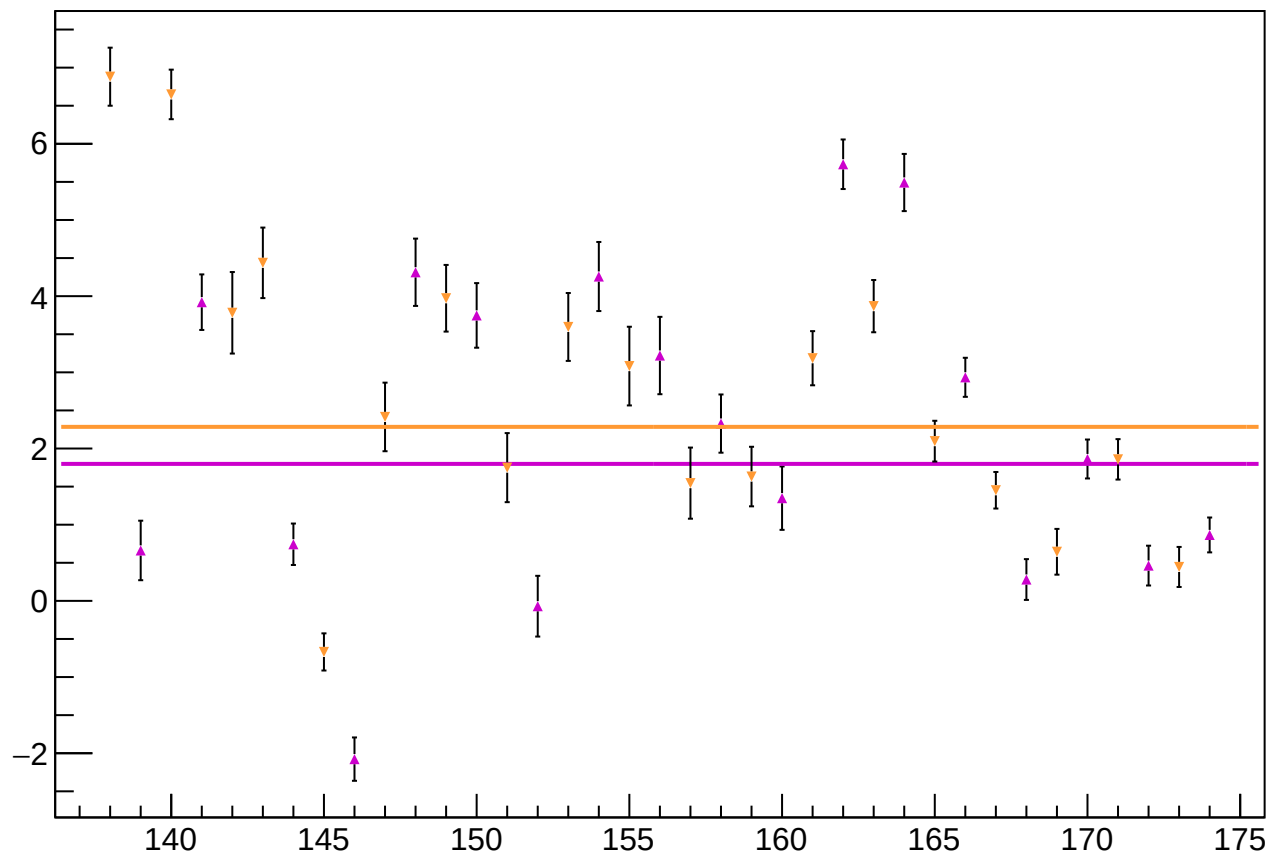
Left In: 0.151 ± 0.003 χ^2/NDF : 939.4/17

+ sign 0.127 ± 0.003 χ^2/NDF : 1296.9/35

All: 0.123 ± 0.002 χ^2/NDF : 3466.7/72

- sign 0.119 ± 0.003 χ^2/NDF : 2166.1/36

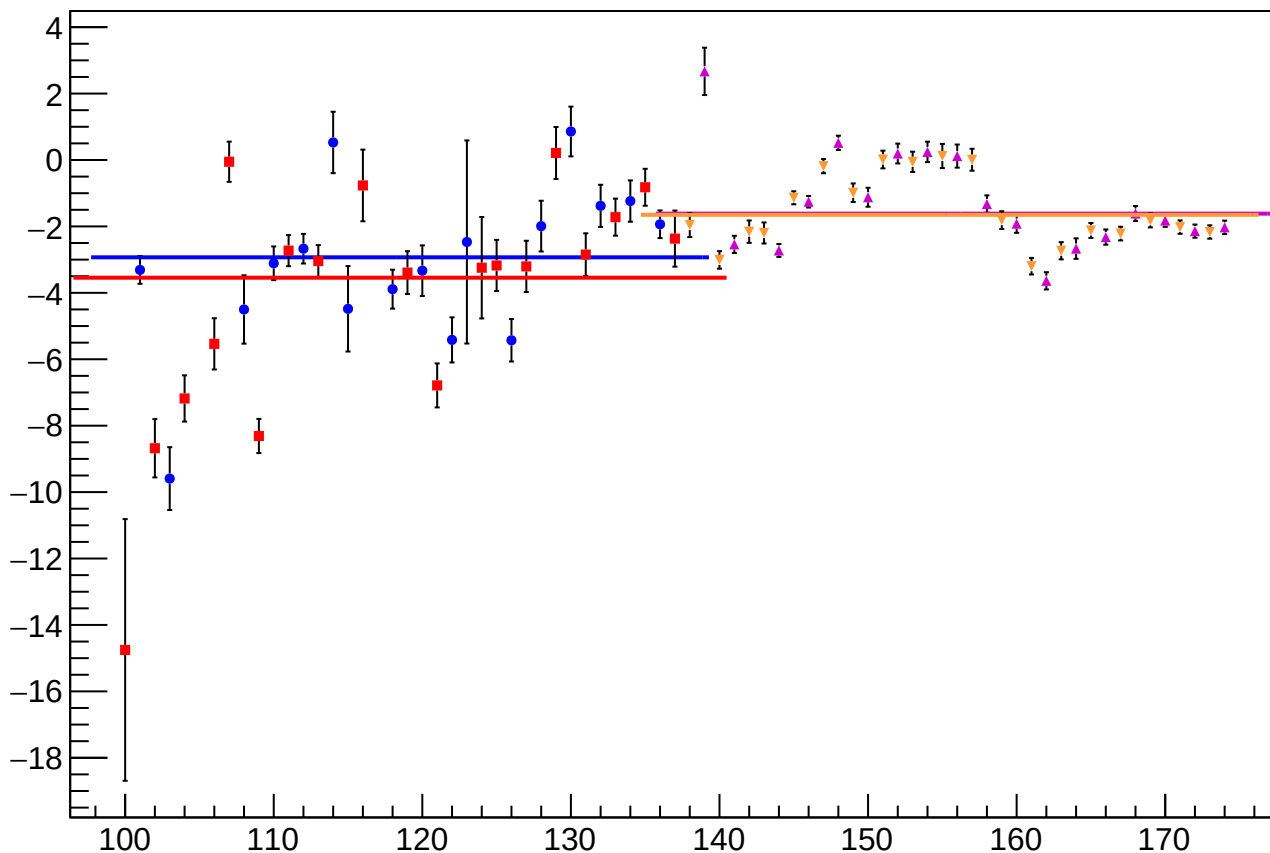
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.284 $\pm$ 0.078 χ^2/NDF :656.1/18
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 1.798 $\pm$ 0.076 χ^2/NDF :696.4/17

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 2.035 $\pm$ 0.054 χ^2/NDF : 1372.4/36
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930 $\pm$ 0.154 χ^2/NDF : 146.5/16

Left Out: -1.651 $\pm$ 0.058 χ^2/NDF : 286.0/18

Right Out: -3.544 $\pm$ 0.155 χ^2/NDF : 291.7/18

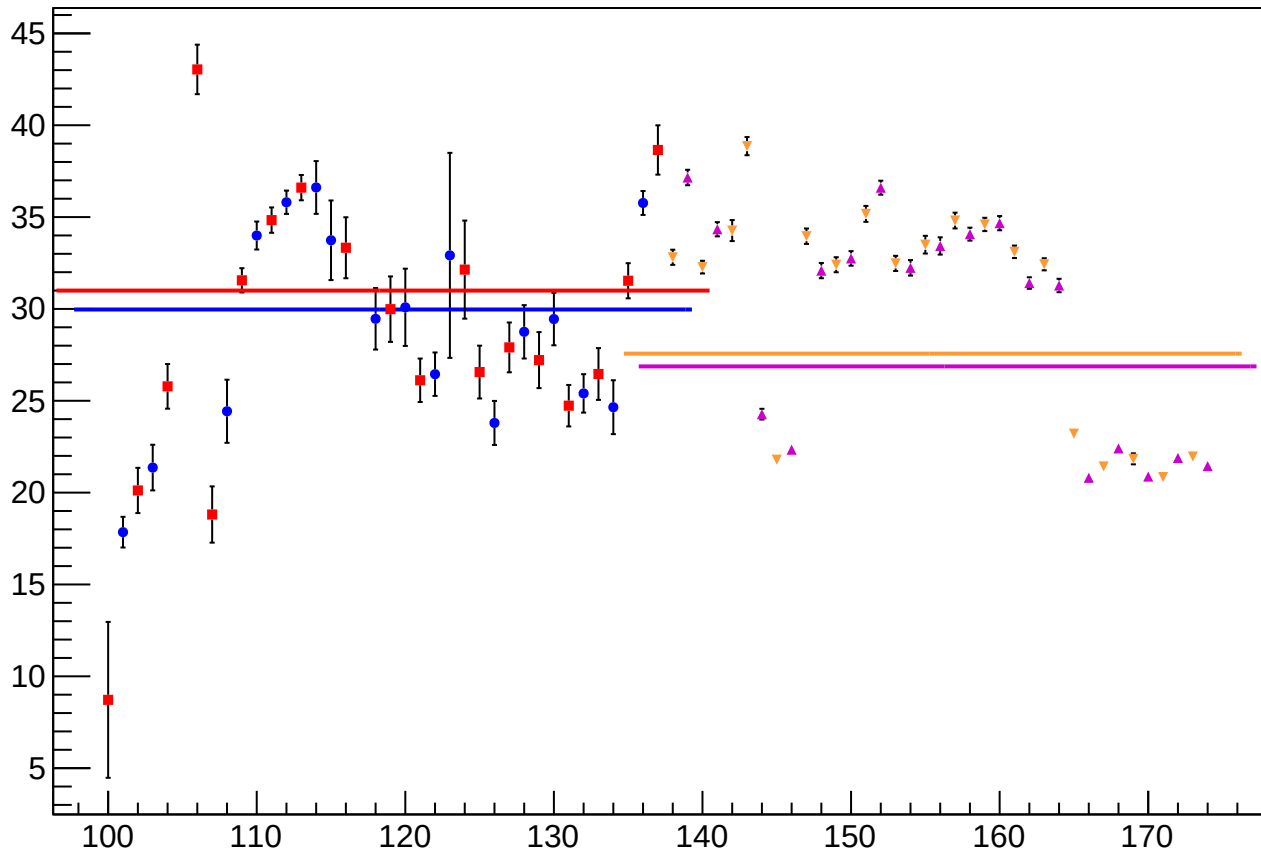
Left In: -1.615 $\pm$ 0.057 χ^2/NDF : 381.4/17

+ sign -1.808 $\pm$ 0.054 χ^2/NDF : 493.1/35

All: -1.827 $\pm$ 0.038 χ^2/NDF : 1303.5/72

- sign -1.845 $\pm$ 0.053 χ^2/NDF : 810.1/36

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 27.566 $\pm$ 0.078 χ^2 /NDF: 5922.5/18

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

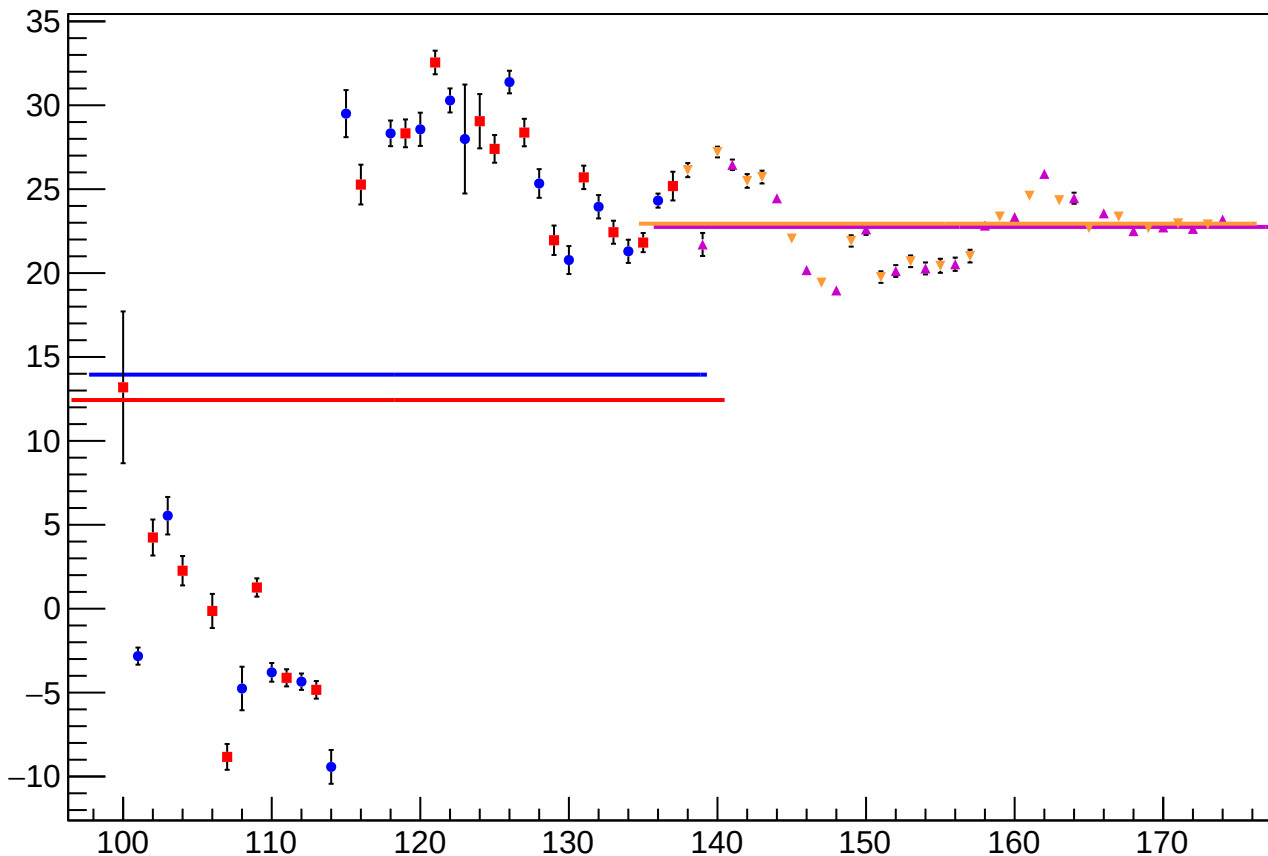
Left In: 26.871 $\pm$ 0.076 χ^2 /NDF: 6070.5/17

+ sign 27.757 $\pm$ 0.075 χ^2 /NDF: 6551.6/35

All: 27.469 $\pm$ 0.052 χ^2 /NDF: 13362.5/72

- sign 27.197 $\pm$ 0.073 χ^2 /NDF: 6782.3/36

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 22.945 $\pm$ 0.065 χ^2 /NDF: 757.1/18

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

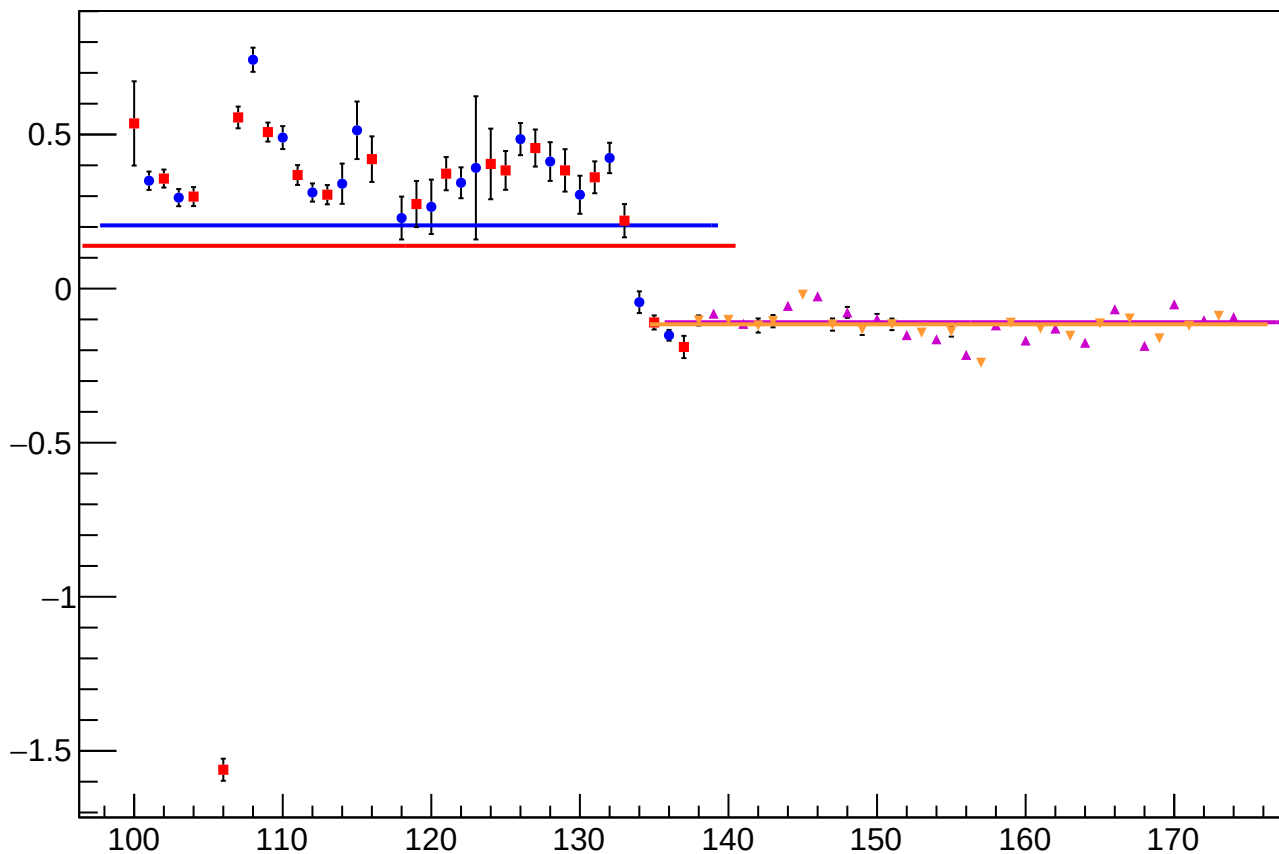
Left In: 22.751 $\pm$ 0.065 χ^2 /NDF: 812.5/17

+ sign 21.806 $\pm$ 0.061 χ^2 /NDF: 10539.9/35

All: 21.648 $\pm$ 0.043 χ^2 /NDF: 21426.2/72

- sign 21.492 $\pm$ 0.061 χ^2 /NDF: 10873.0/36

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: -0.116 ± 0.003 χ^2/NDF : 209.0/18

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.8/18

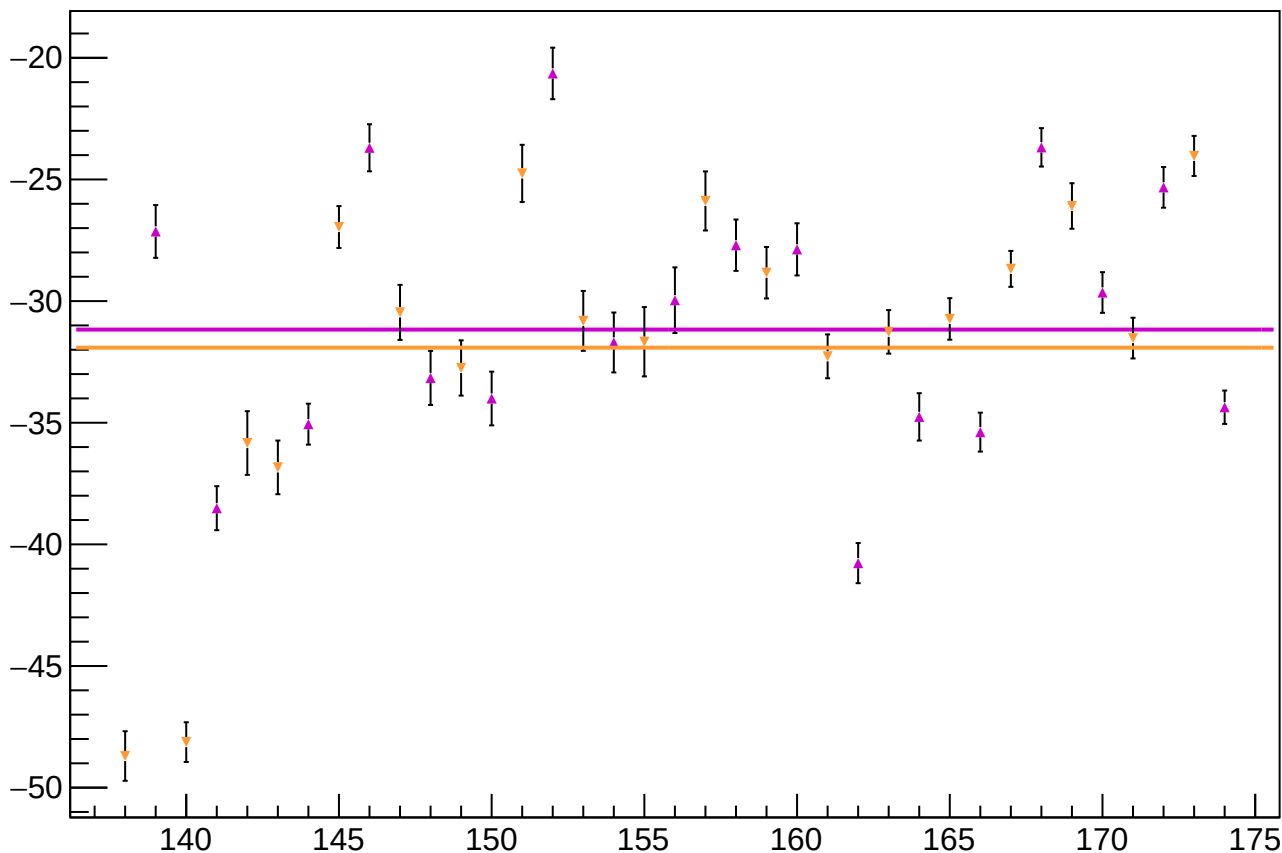
Left In: -0.109 ± 0.003 χ^2/NDF : 289.2/17

+ sign -0.086 ± 0.003 χ^2/NDF : 2121.0/35

All: -0.086 ± 0.002 χ^2/NDF : 6086.5/72

- sign -0.086 ± 0.003 χ^2/NDF : 3965.5/36

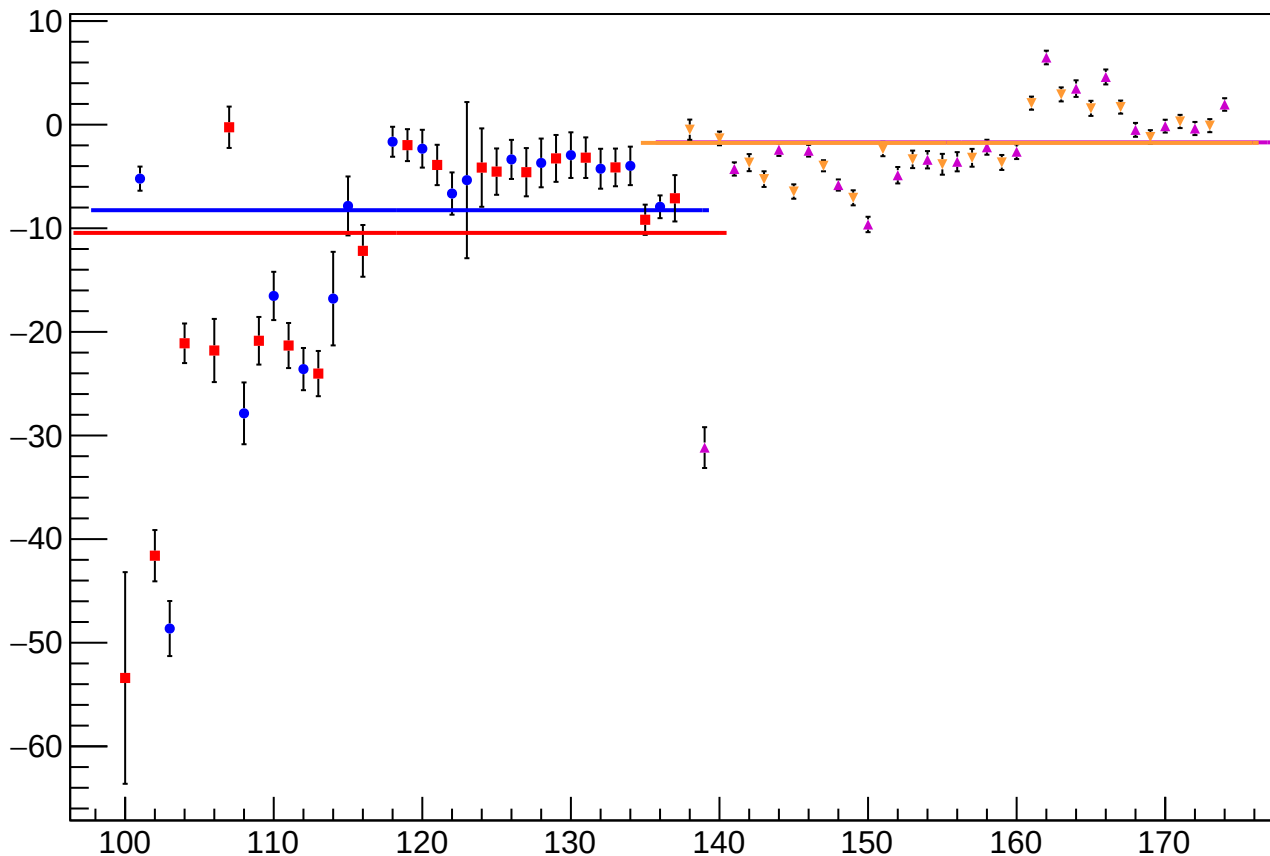
reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.914+/-0.224 χ^2/NDF : 953.2/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.711+/-0.220 χ^2/NDF : 631.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -31.535+/-0.157 χ^2/NDF : 1590.0/36
 - 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 $\pm$ 0.462 χ^2/NDF : 412.1/16

Left Out: -1.759 $\pm$ 0.162 χ^2/NDF : 315.8/18

Right Out: -10.446 $\pm$ 0.491 χ^2/NDF : 428.4/18

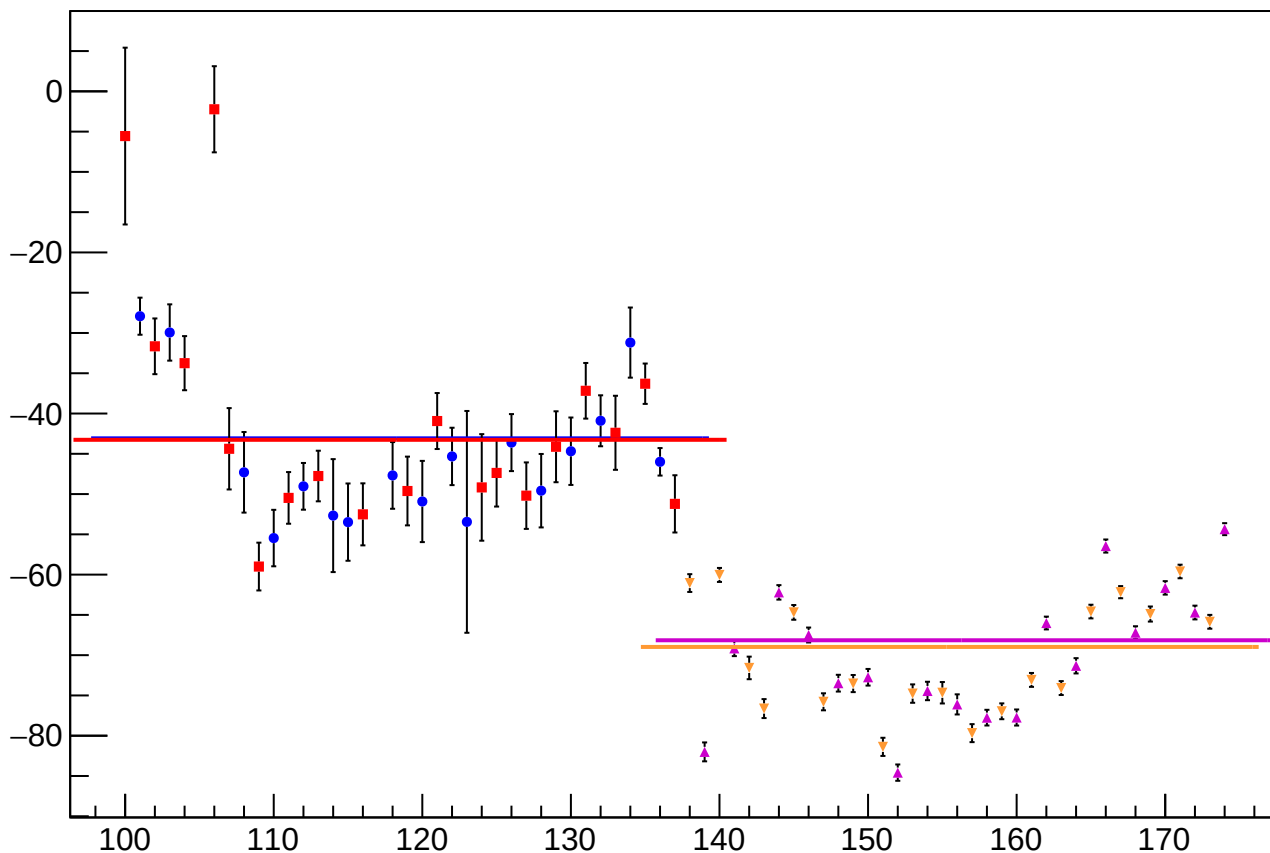
Left In: -1.710 $\pm$ 0.163 χ^2/NDF : 763.9/17

+ sign -2.472 $\pm$ 0.153 χ^2/NDF : 904.0/35

All: -2.523 $\pm$ 0.109 χ^2/NDF : 2381.6/72

- sign -2.575 $\pm$ 0.155 χ^2/NDF : 1477.3/36

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$

Left Out: -68.978 ± 0.223 $\chi^2/\text{NDF}: 929.4/18$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

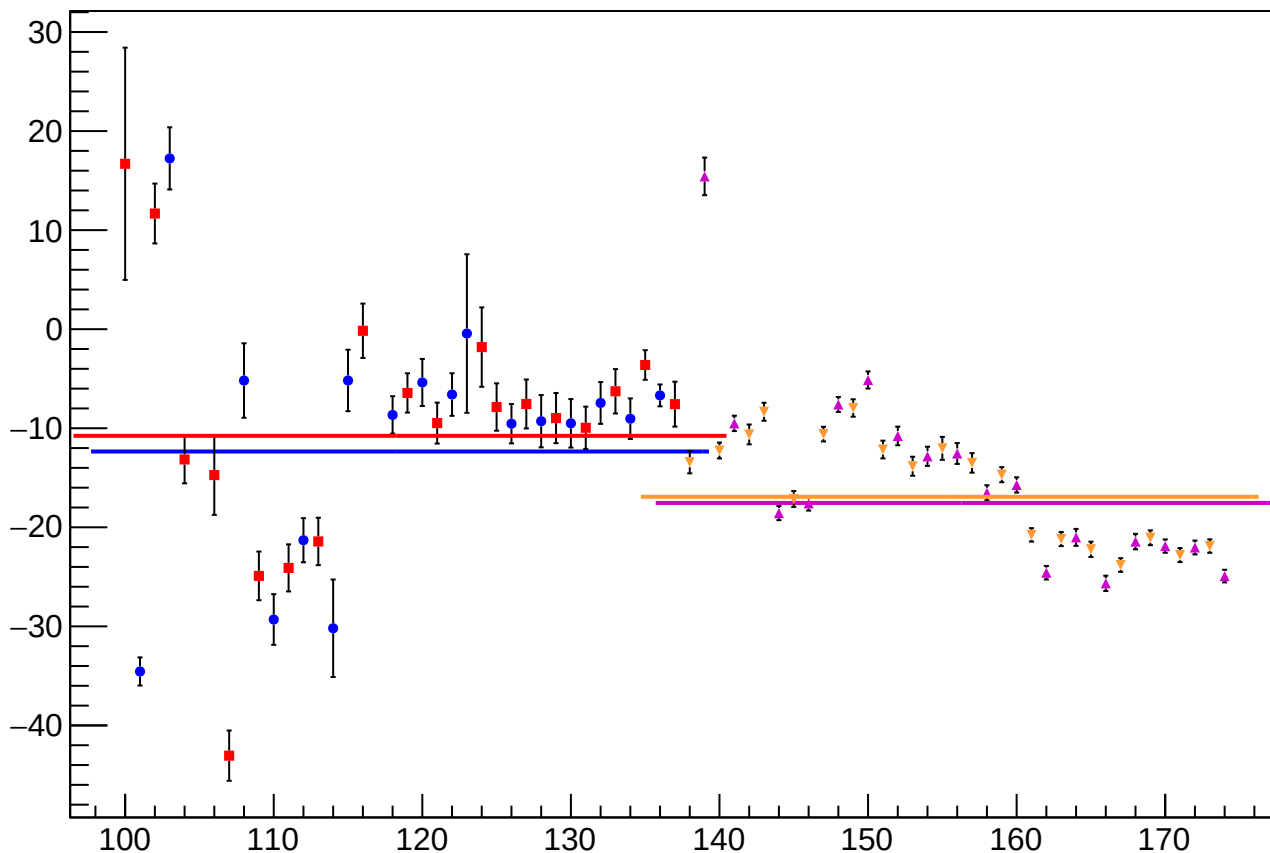
Left In: -68.150 ± 0.219 $\chi^2/\text{NDF}: 1401.3/17$

+ sign -67.246 ± 0.216 $\chi^2/\text{NDF}: 1927.7/35$

All: -66.947 ± 0.151 $\chi^2/\text{NDF}: 4262.6/72$

- sign -66.658 ± 0.212 $\chi^2/\text{NDF}: 2331.2/36$

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: -16.921 ± 0.186 χ^2/NDF : 793.8/18

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

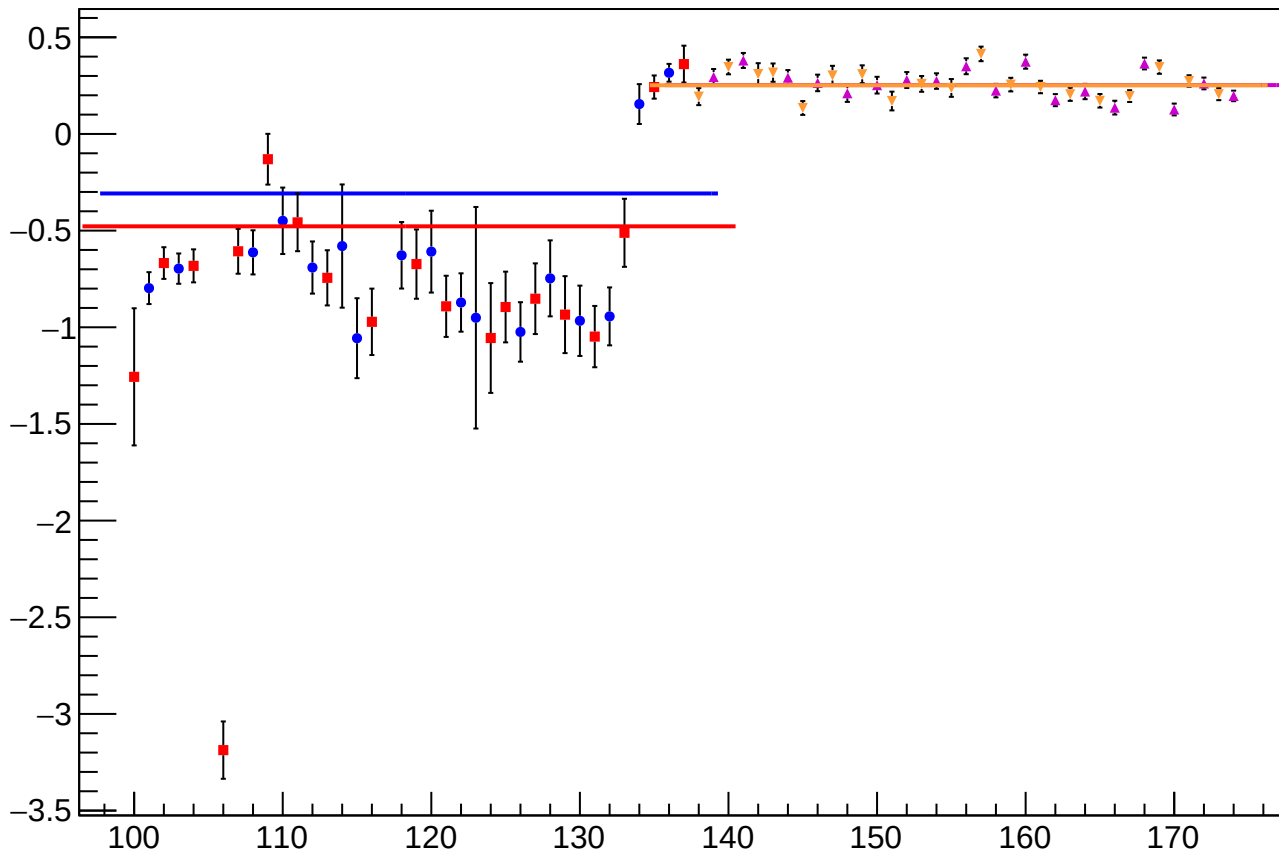
Left In: -17.540 ± 0.186 χ^2/NDF : 1370.0/17

+ sign -16.402 ± 0.175 χ^2/NDF : 1338.4/35

All: -16.625 ± 0.124 χ^2/NDF : 3212.9/72

- sign -16.852 ± 0.176 χ^2/NDF : 1871.2/36

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: 0.252 ± 0.009 χ^2/NDF : 66.4/18

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

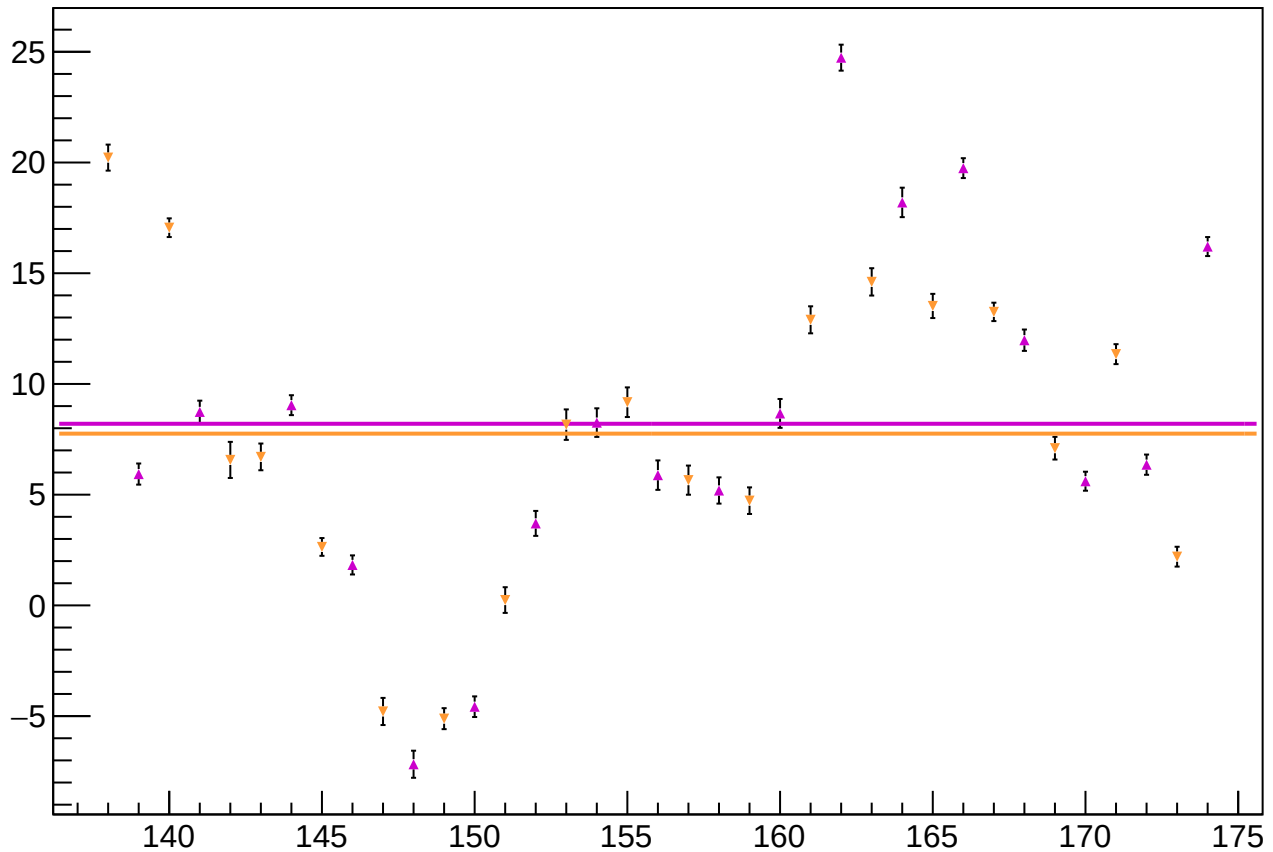
Left In: 0.253 ± 0.008 χ^2/NDF : 84.0/17

+ sign 0.201 ± 0.008 χ^2/NDF : 815.4/35

All: 0.197 ± 0.006 χ^2/NDF : 2133.3/72

- sign 0.193 ± 0.008 χ^2/NDF : 1317.4/36

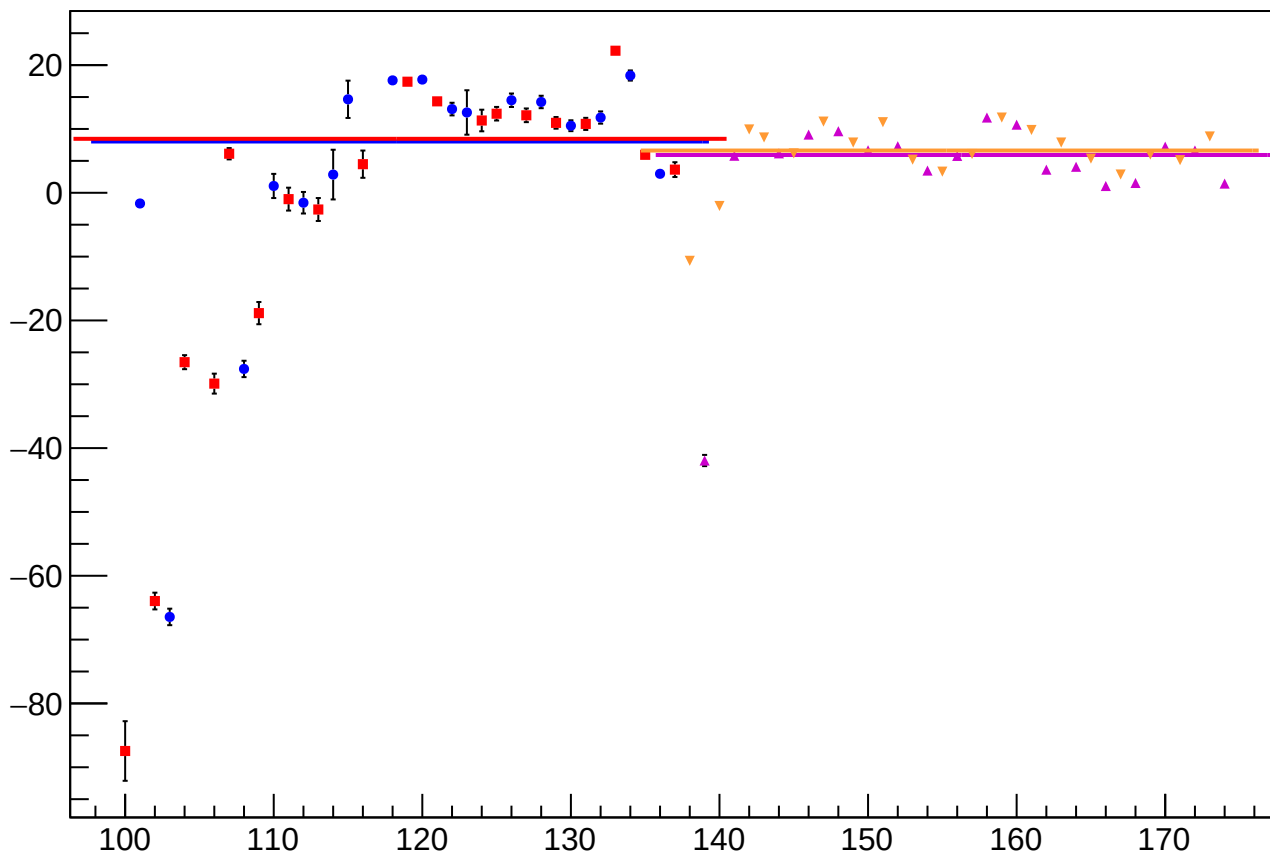
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.756+/-0.122 χ^2/NDF :3168.9/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.202+/-0.120 χ^2/NDF :3875.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.983+/-0.086 χ^2/NDF : 7050.8/36
 - 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 $\chi^2/\text{NDF}: 5369.4/16$

Left Out: 6.619 ± 0.089 $\chi^2/\text{NDF}: 2405.0/18$

Right Out: 8.454 ± 0.213 $\chi^2/\text{NDF}: 6704.4/18$

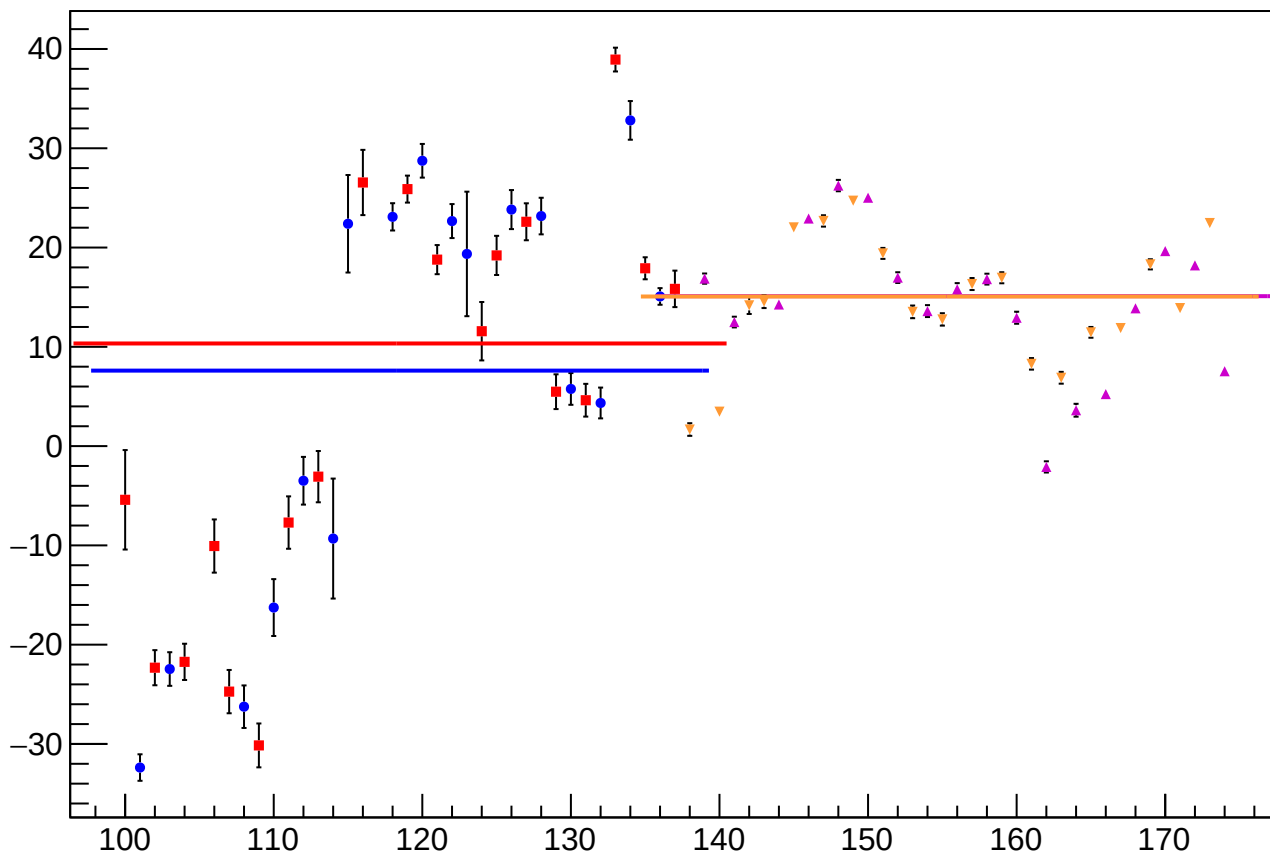
Left In: 5.920 ± 0.090 $\chi^2/\text{NDF}: 4074.6/17$

+ sign 6.825 ± 0.082 $\chi^2/\text{NDF}: 7811.5/35$

All: 6.565 ± 0.058 $\chi^2/\text{NDF}: 18730.6/72$

- sign 6.301 ± 0.083 $\chi^2/\text{NDF}: 10898.9/36$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 $\chi^2/\text{NDF}: 2325.0/16$

Left Out: 15.069 ± 0.122 $\chi^2/\text{NDF}: 2850.2/18$

Right Out: 10.337 ± 0.416 $\chi^2/\text{NDF}: 2281.8/18$

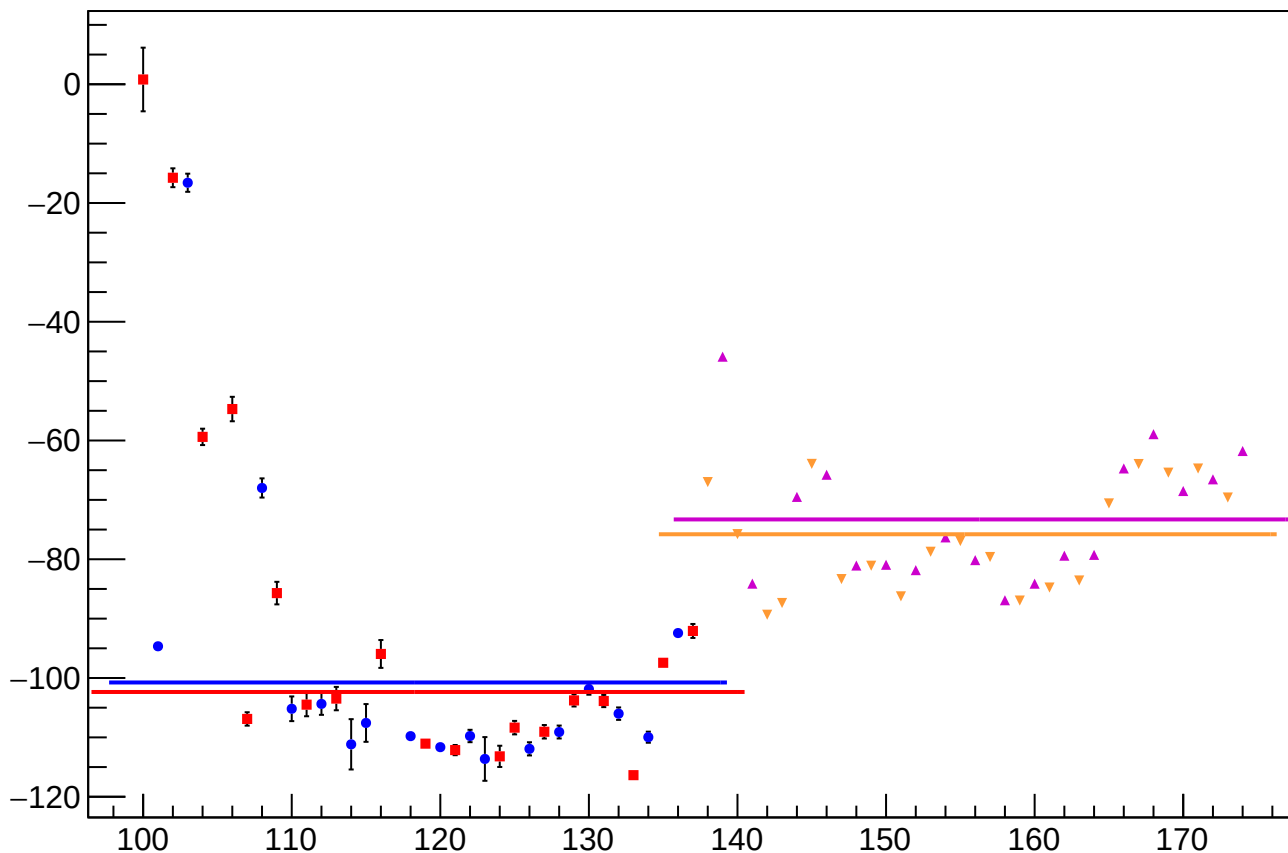
Left In: 15.102 ± 0.120 $\chi^2/\text{NDF}: 3463.8/17$

+ sign 14.476 ± 0.117 $\chi^2/\text{NDF}: 5471.9/35$

All: 14.609 ± 0.082 $\chi^2/\text{NDF}: 11341.0/72$

- sign 14.738 ± 0.115 $\chi^2/\text{NDF}: 5866.6/36$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 $\chi^2/\text{NDF}: 4522.6/16$

Left Out: -75.789 ± 0.102 $\chi^2/\text{NDF}: 7455.7/18$

Right Out: -102.354 ± 0.246 $\chi^2/\text{NDF}: 6078.9/18$

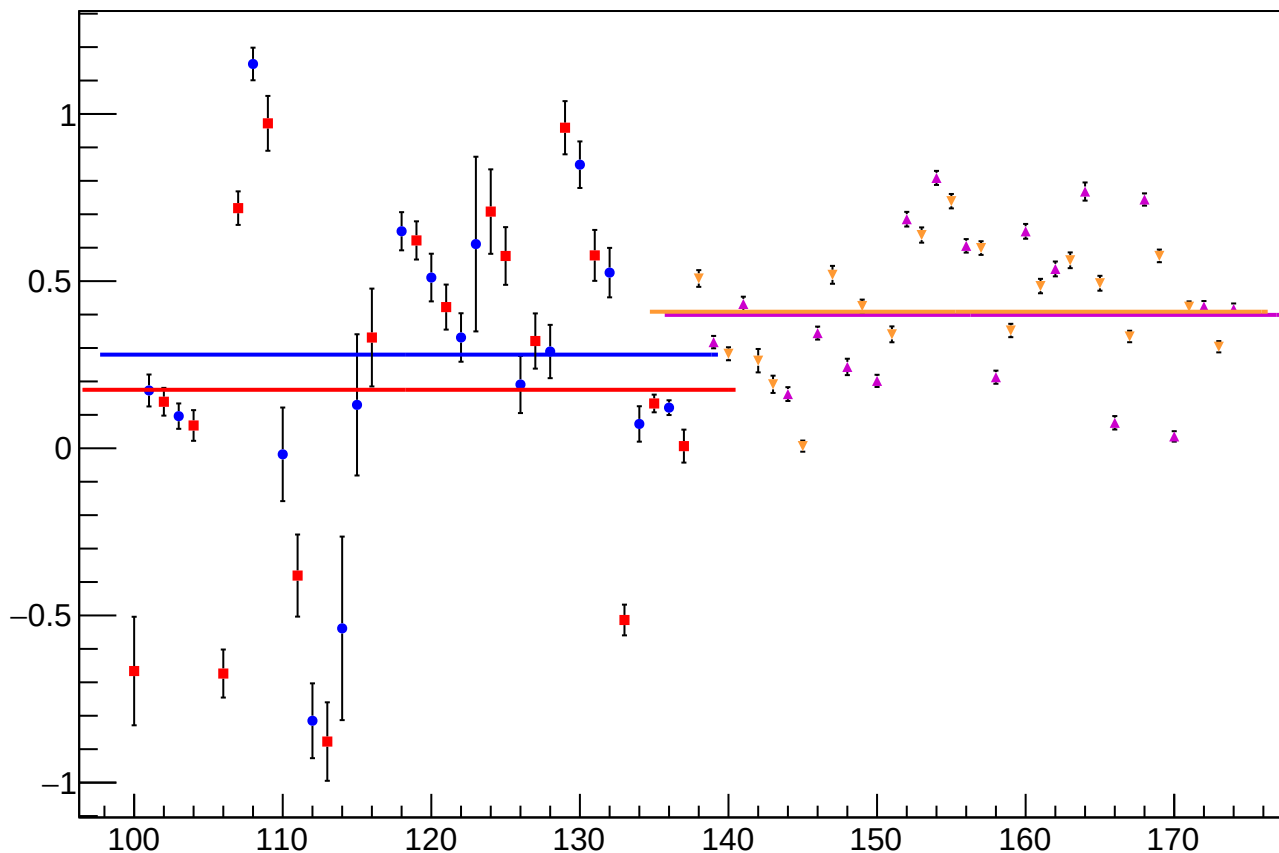
Left In: -73.293 ± 0.103 $\chi^2/\text{NDF}: 7940.4/17$

+ sign -79.424 ± 0.095 $\chi^2/\text{NDF}: 20634.8/35$

All: -78.516 ± 0.067 $\chi^2/\text{NDF}: 46702.0/72$

- sign -77.604 ± 0.095 $\chi^2/\text{NDF}: 25882.8/36$

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: 0.409 ± 0.005 χ^2/NDF : 1390.8/18

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

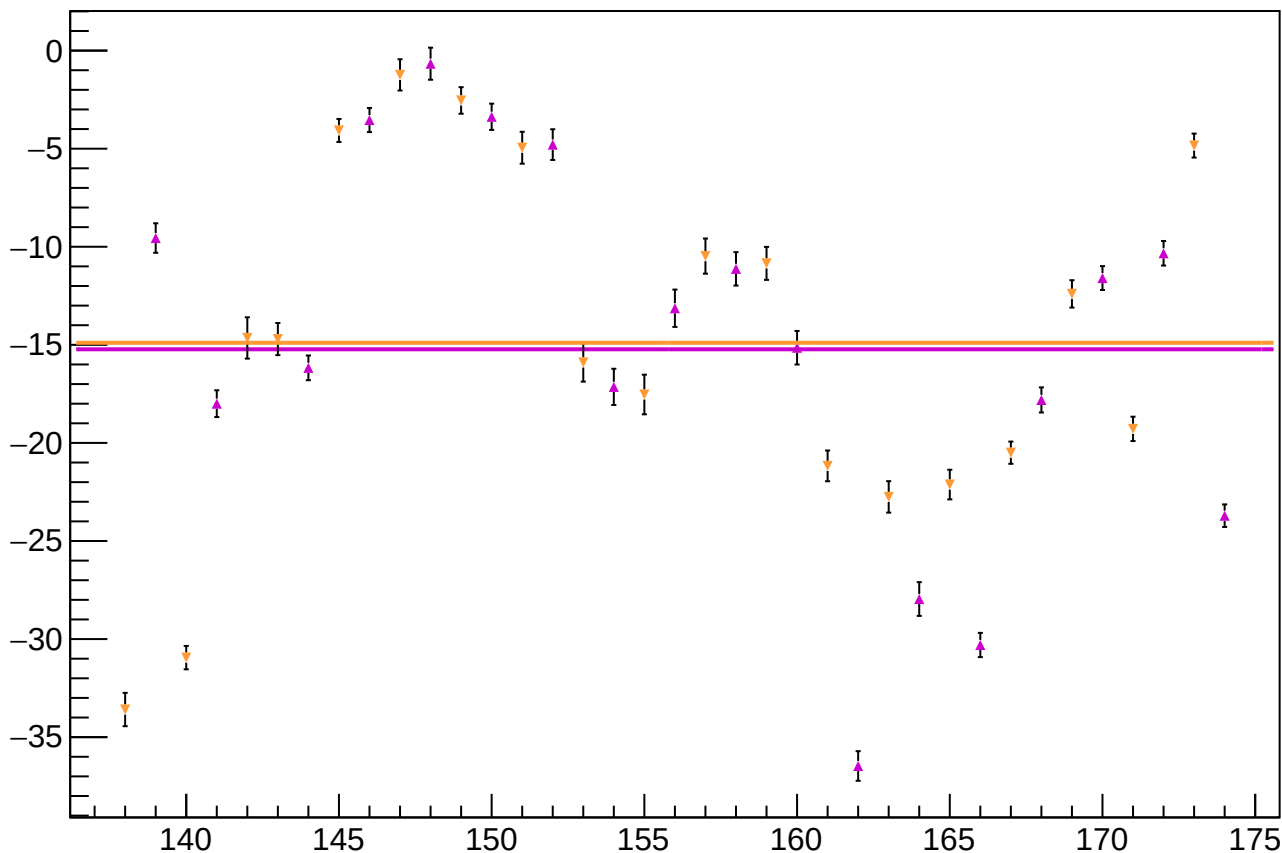
Left In: 0.399 ± 0.005 χ^2/NDF : 2564.9/17

+ sign 0.394 ± 0.004 χ^2/NDF : 2127.6/35

All: 0.385 ± 0.003 χ^2/NDF : 5916.8/72

- sign 0.375 ± 0.004 χ^2/NDF : 3779.7/36

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -14.894+/-0.169 χ^2/NDF : 3064.6/18

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

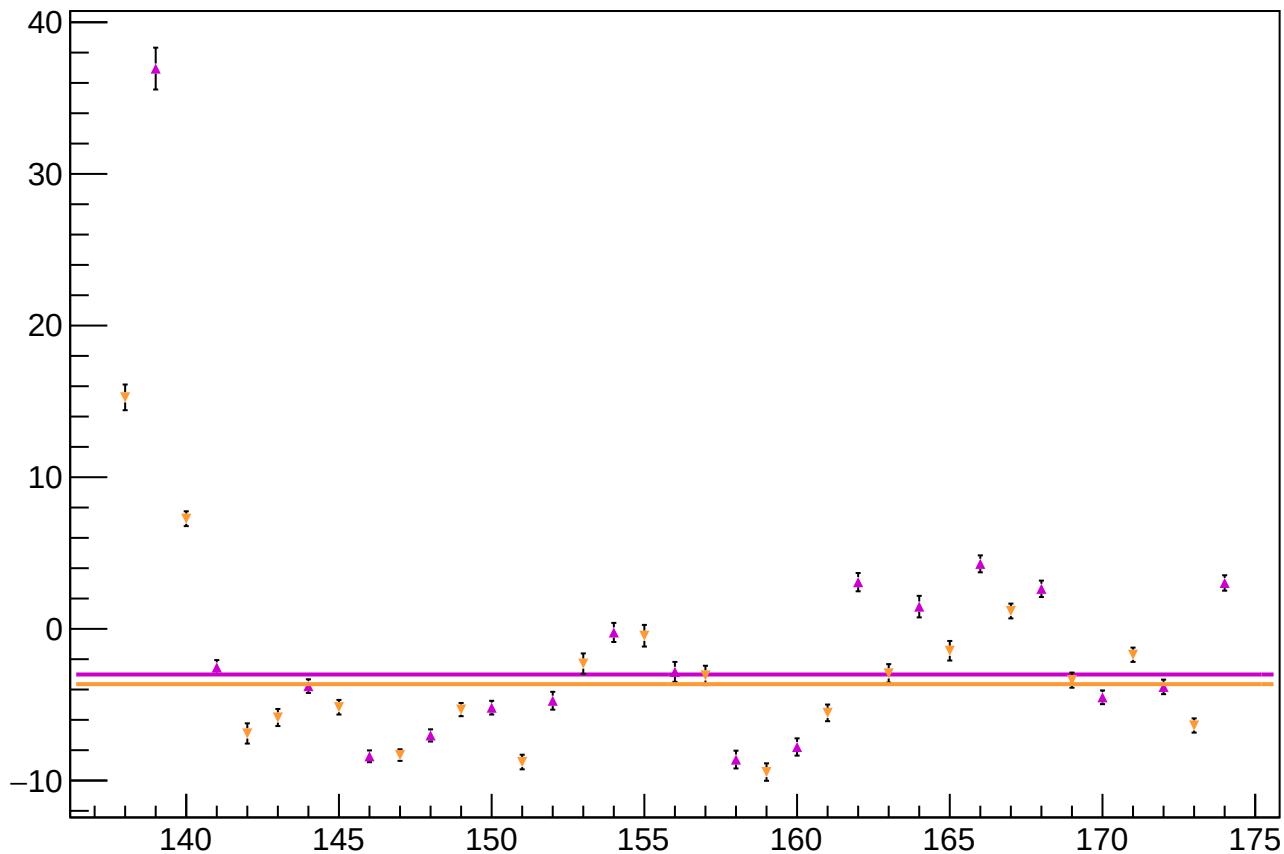
Left In: -15.228+/-0.167 χ^2/NDF : 3213.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.064+/-0.119 χ^2/NDF : 6280.3/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

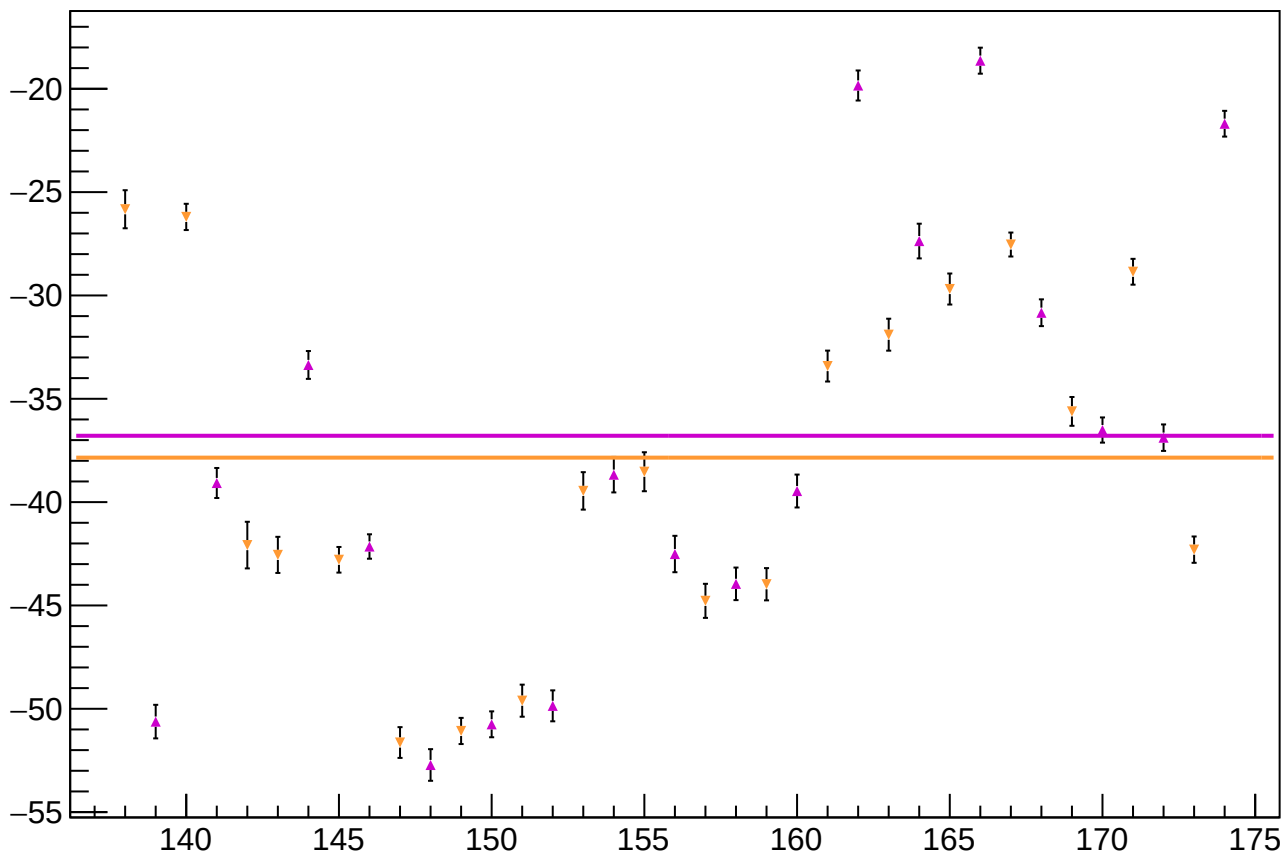
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.645+/-0.122 χ^2/NDF :1624.0/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.009+/-0.124 χ^2/NDF :1924.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.331+/-0.087 χ^2/NDF : 3561.8/36
 - 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: -37.847+/-0.169 χ^2/NDF : 2553.7/18

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

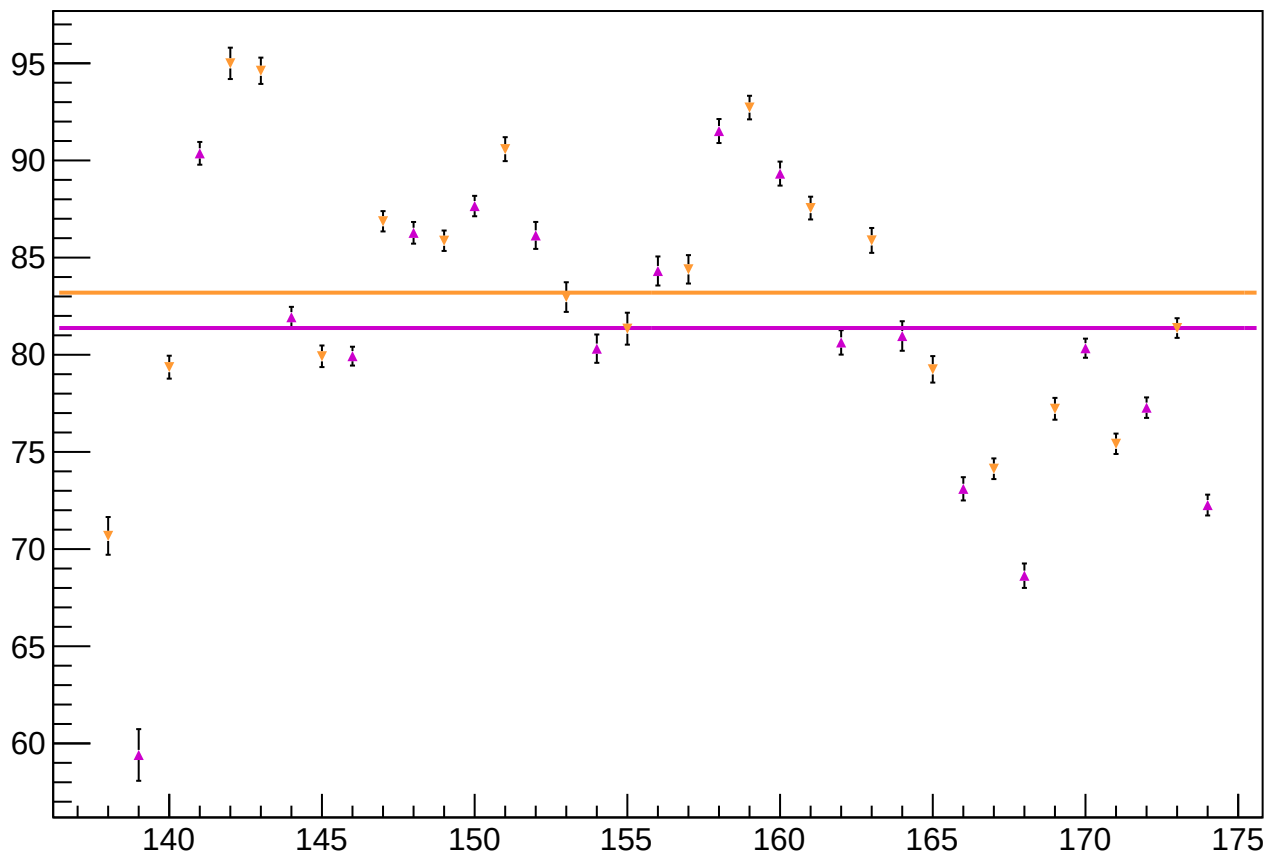
Left In: -36.789+/-0.166 χ^2/NDF : 3955.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.309+/-0.118 χ^2/NDF : 6529.0/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

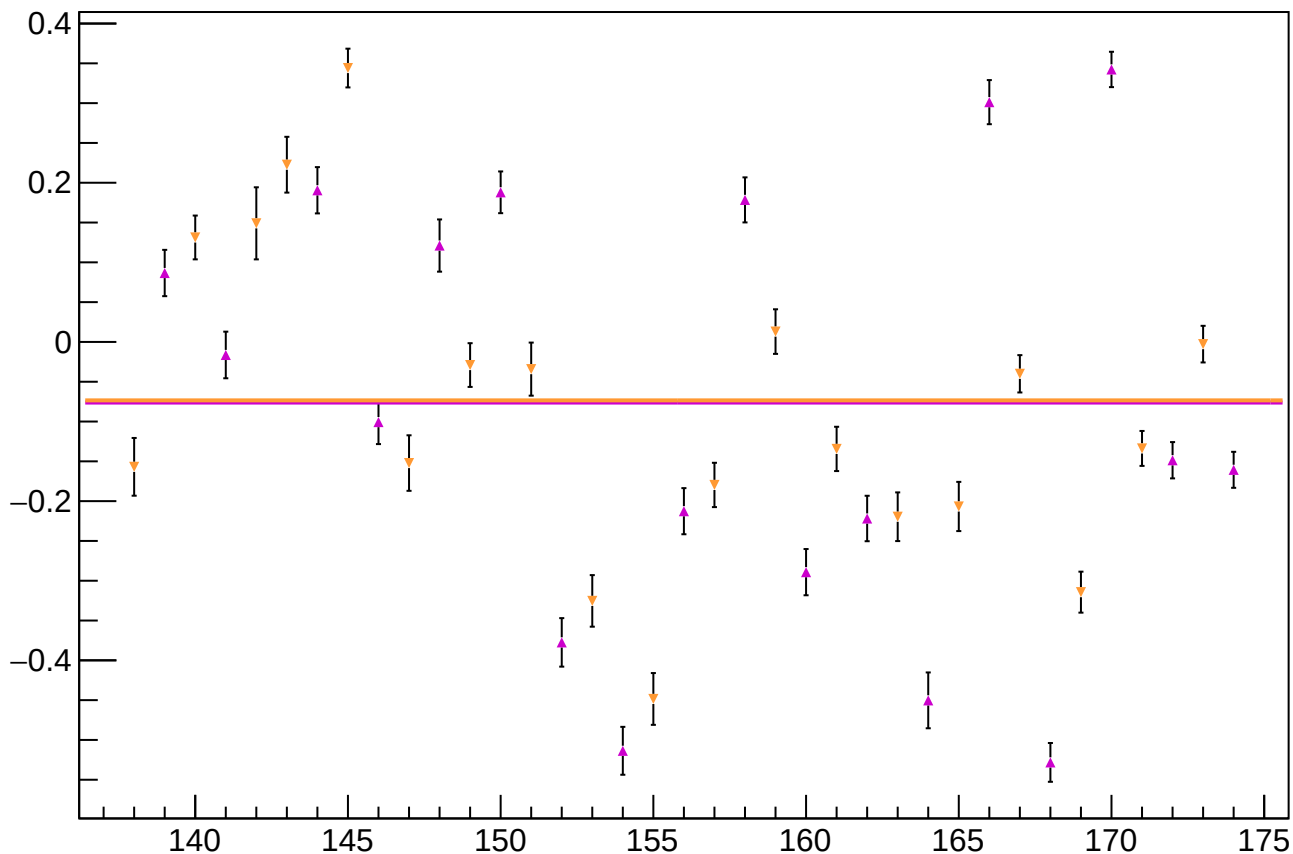
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 83.196+/-0.141 χ^2/NDF :1957.0/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 81.377+/-0.142 χ^2/NDF :2195.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 82.291+/-0.100 χ^2/NDF : 4235.2/36
 - 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.073 $\pm$ 0.007 χ^2 /NDF:829.7/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

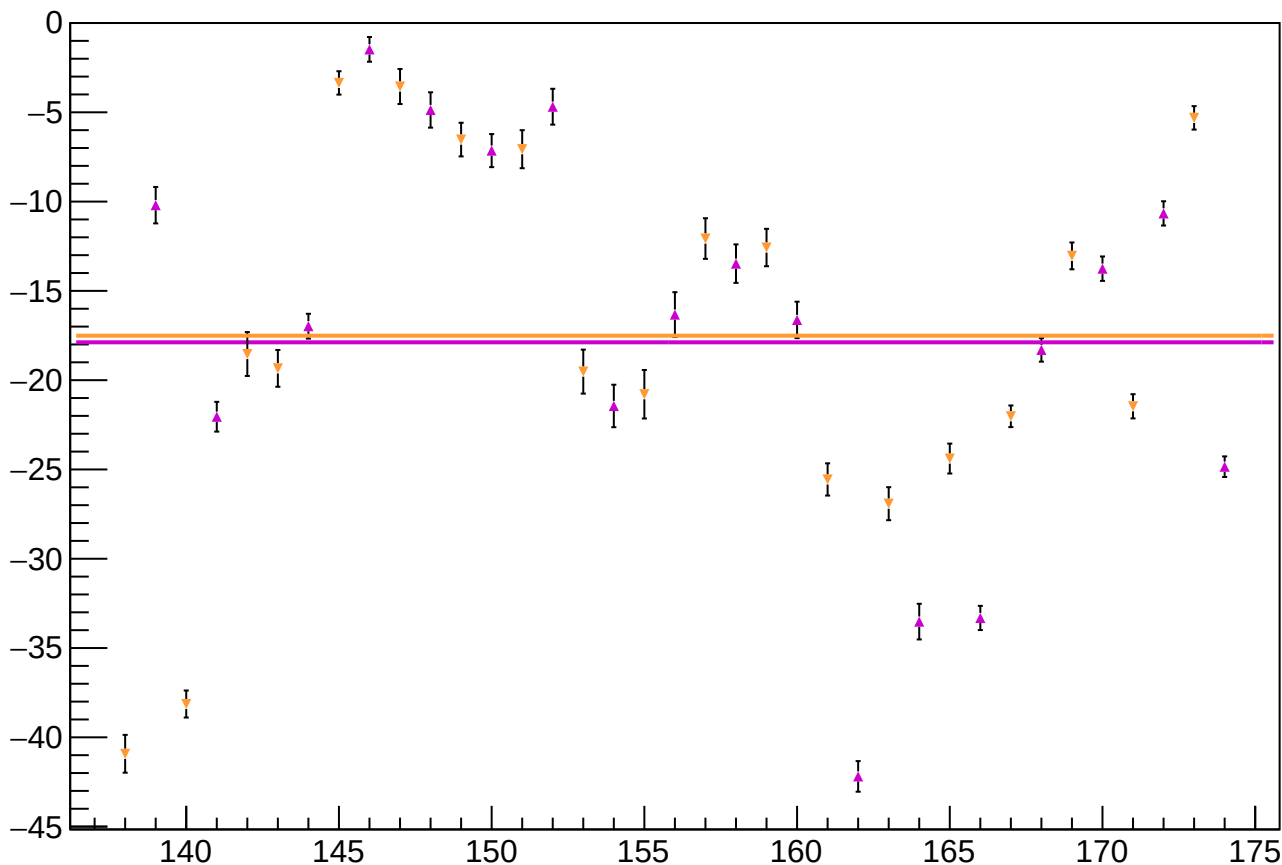
Left In: -0.076 $\pm$ 0.006 χ^2 /NDF:1772.6/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.075 $\pm$ 0.005 χ^2 /NDF: 2602.4/36

- sign 0.000 $\pm$ 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: -17.509+/-0.199 χ^2/NDF : 2911.1/18

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

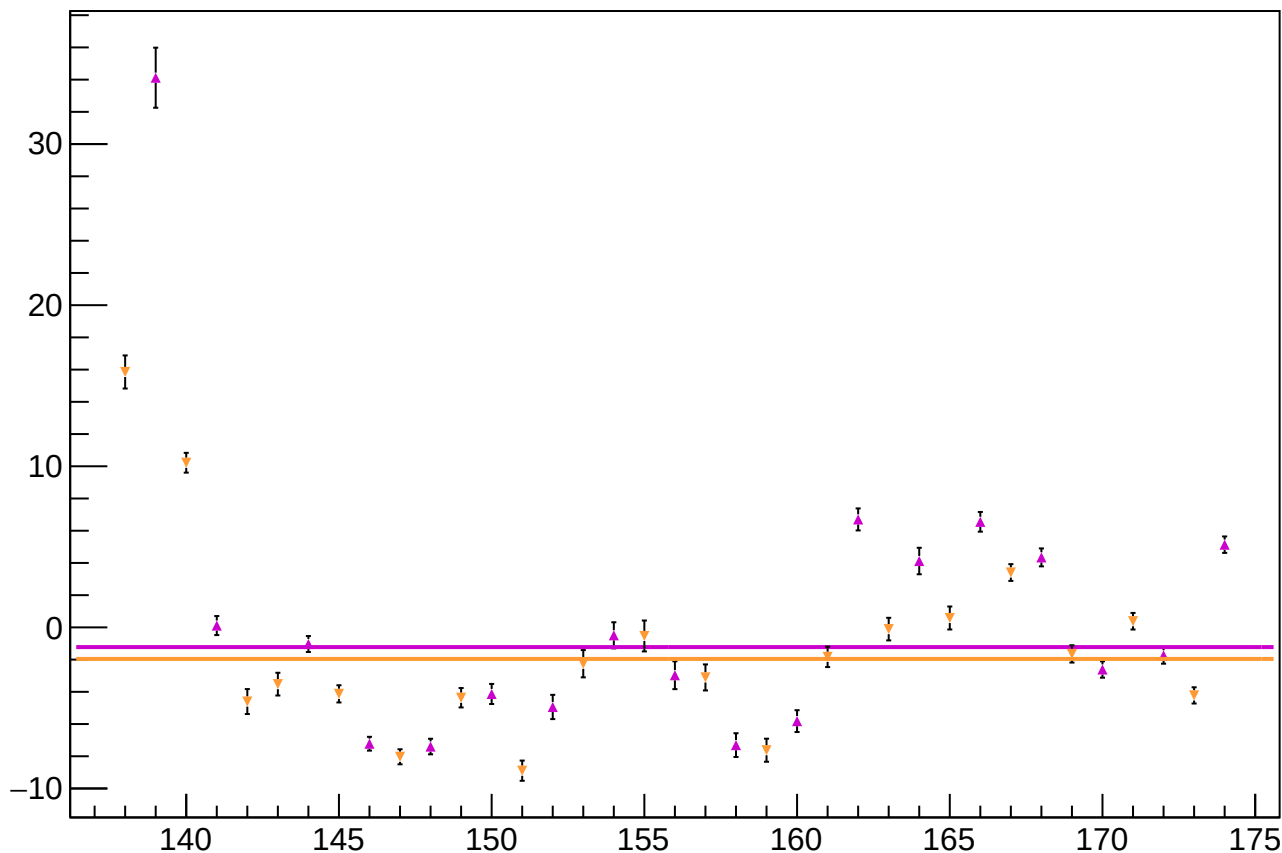
Left In: -17.881+/-0.192 χ^2/NDF : 3018.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.701+/-0.138 χ^2/NDF : 5931.7/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

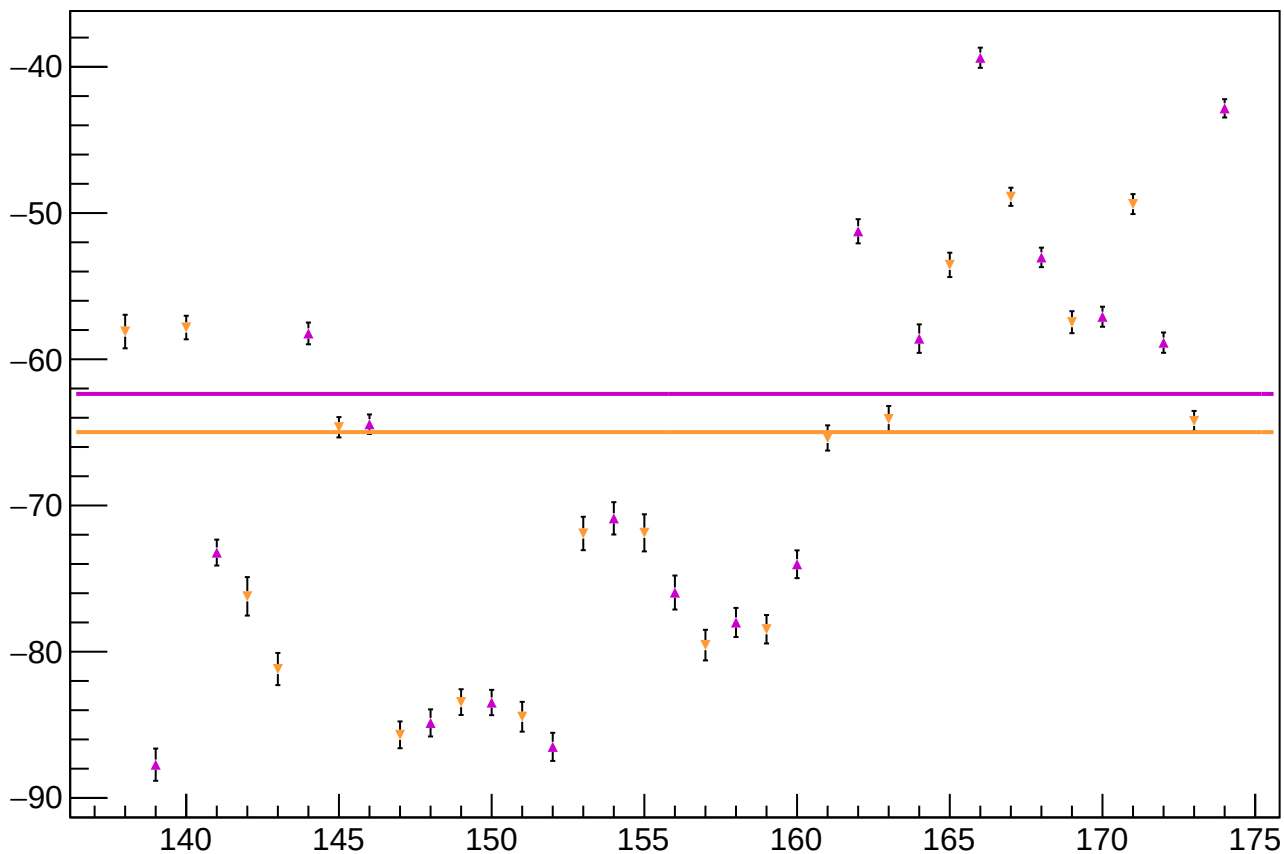
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.958+/-0.144 χ^2/NDF :1268.5/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.223+/-0.143 χ^2/NDF :1490.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.586+/-0.101 χ^2/NDF : 2772.1/36
 - 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: -64.981+/-0.199 χ^2/NDF : 3659.5/18

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

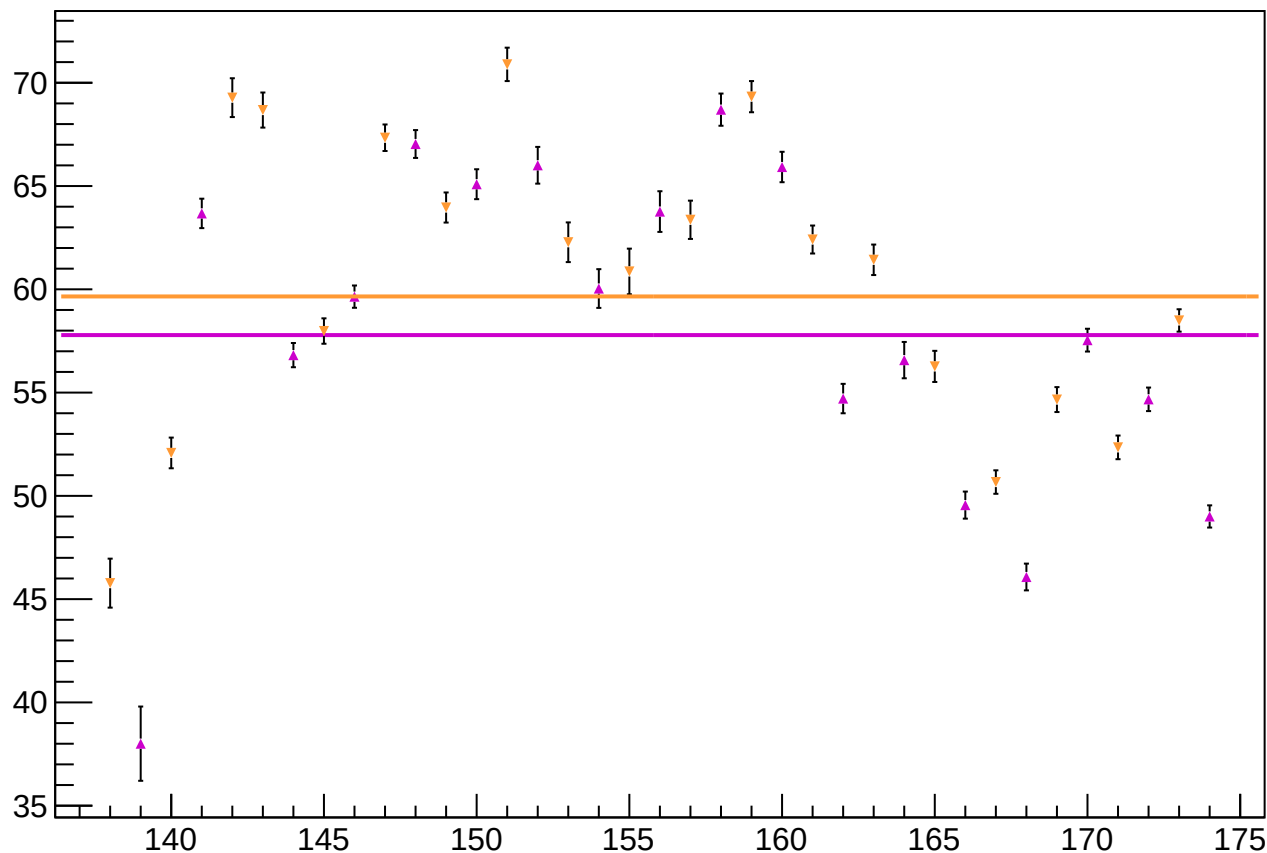
Left In: -62.370+/-0.192 χ^2/NDF : 5689.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.631+/-0.138 χ^2/NDF : 9438.4/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 59.654+/-0.166 χ^2/NDF :1554.7/18

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

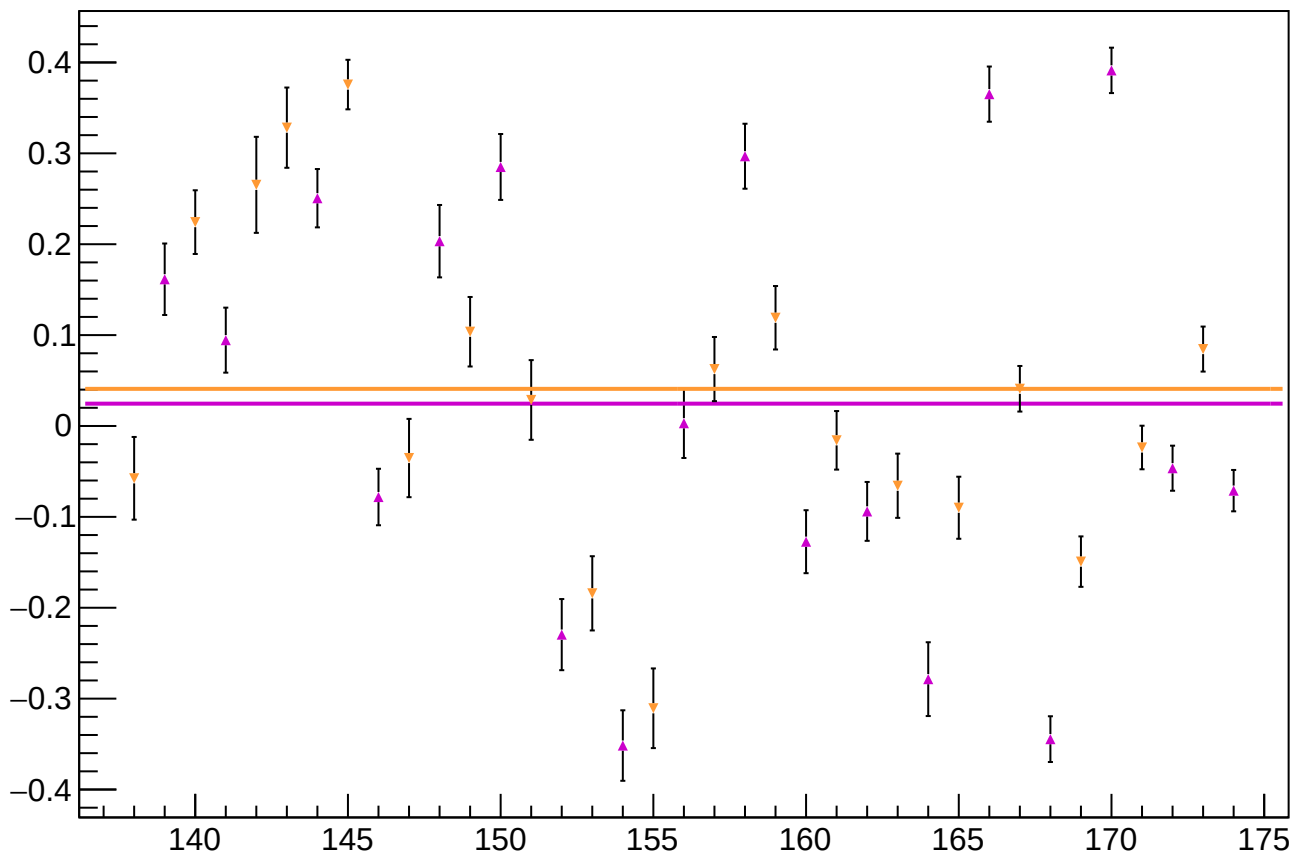
Left In: 57.784+/-0.163 χ^2/NDF :1742.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.706+/-0.116 χ^2/NDF : 3361.9/36

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.041 $\pm$ 0.008 χ^2 /NDF:433.5/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

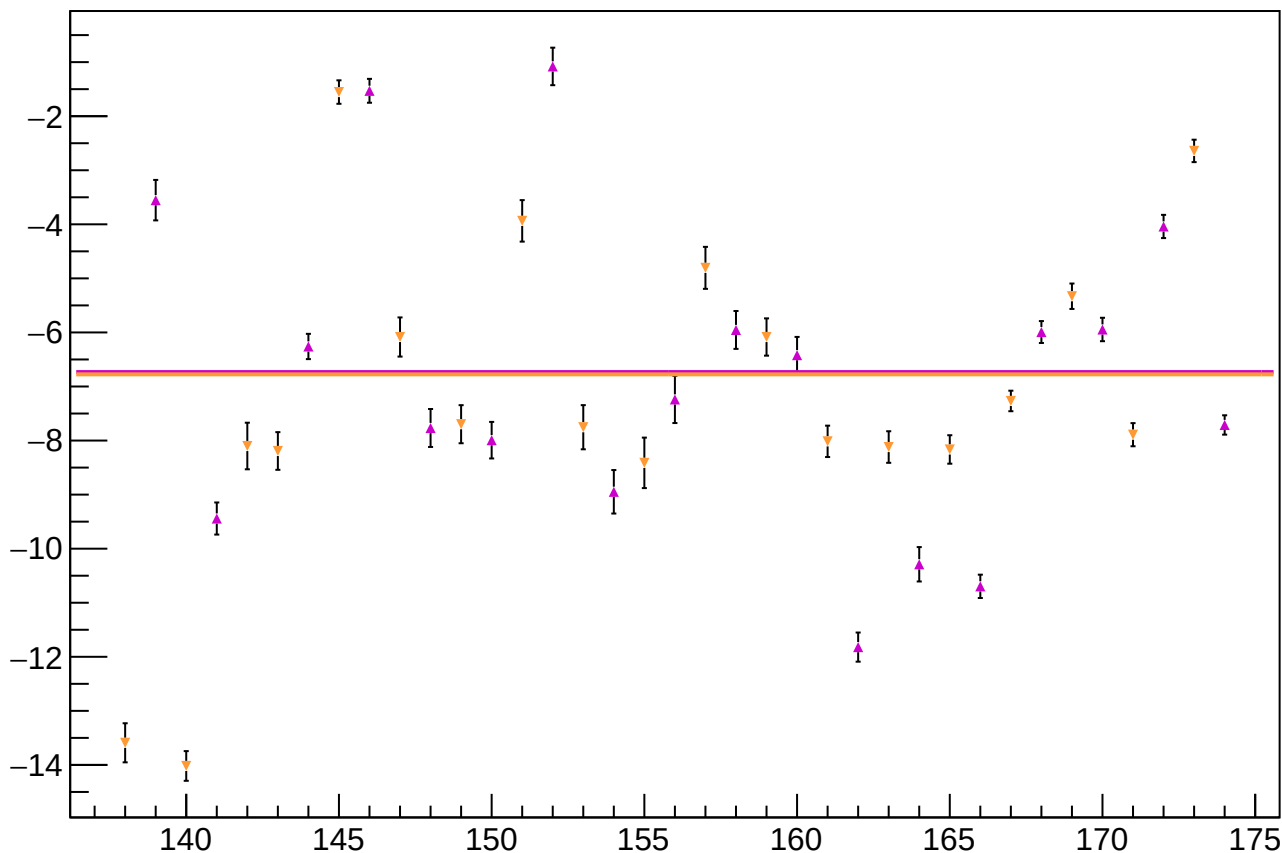
Left In: 0.025 $\pm$ 0.007 χ^2 /NDF:1013.2/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.005 χ^2 /NDF: 1449.0/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

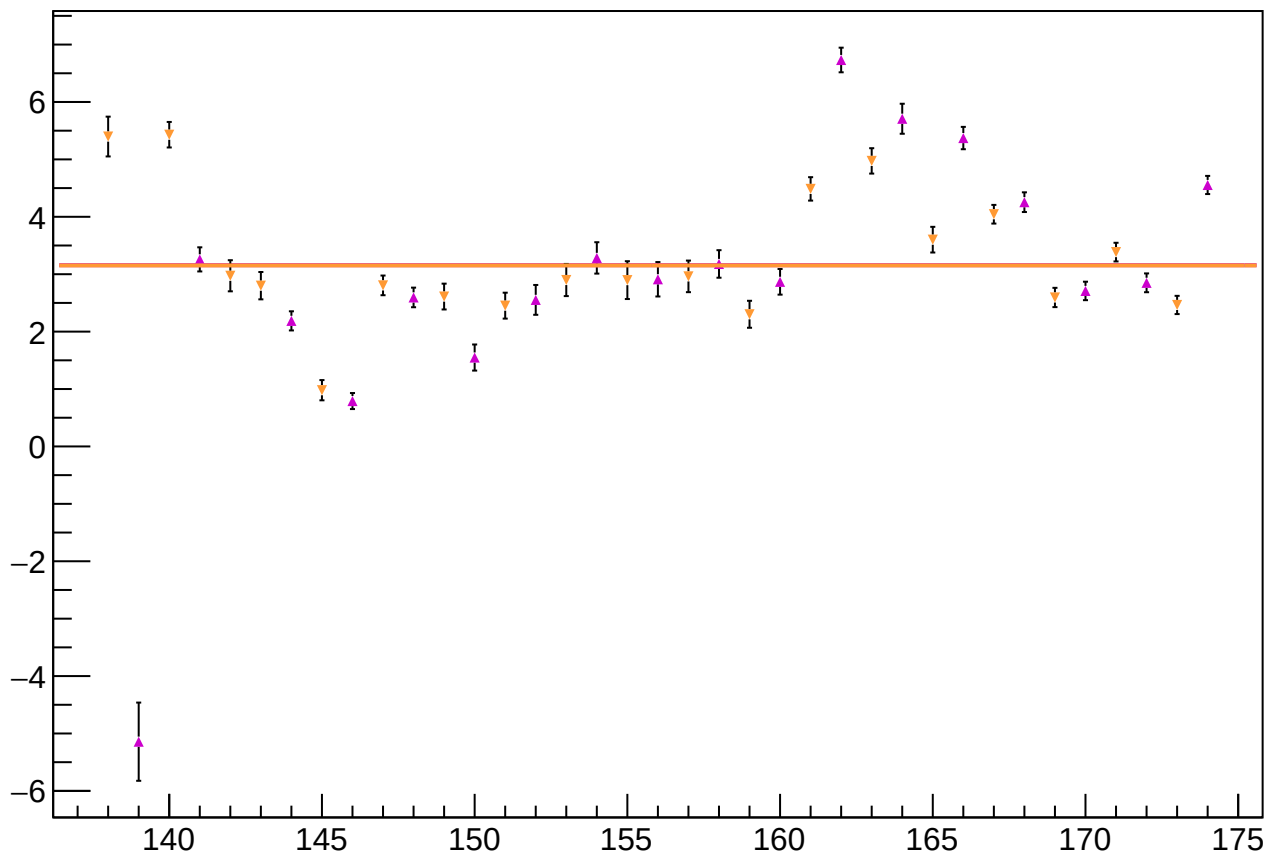
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.775+/-0.066 χ^2/NDF : 2305.2/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.733+/-0.063 χ^2/NDF : 2072.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.753+/-0.045 χ^2/NDF : 4377.7/36
 - 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 3.153 $\pm$ 0.048 χ^2 /NDF:512.6/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

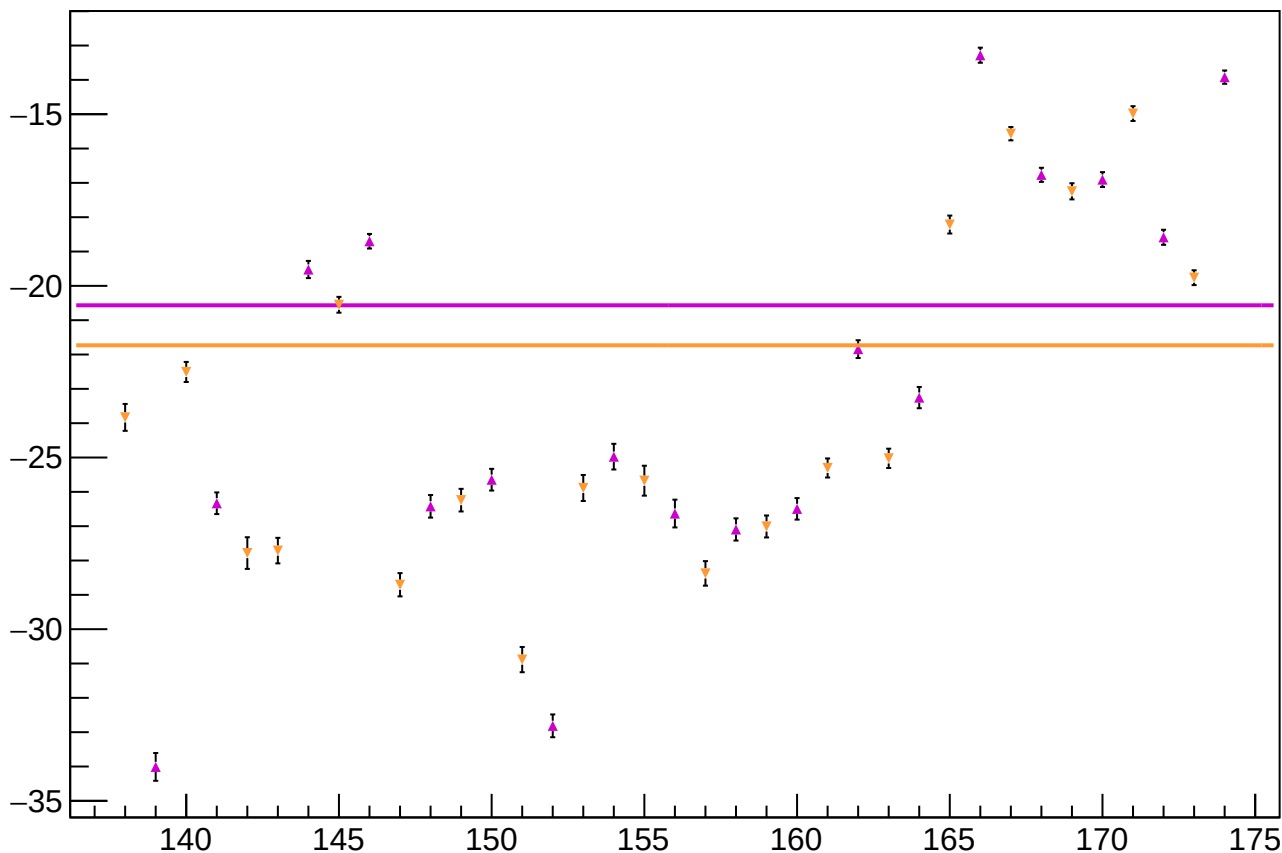
Left In: 3.157 $\pm$ 0.047 χ^2 /NDF:1171.4/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.155 $\pm$ 0.034 χ^2 /NDF: 1684.0/36

- sign 0.000 $\pm$ 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: -21.732+/-0.066 χ^2/NDF : 5464.7/18

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

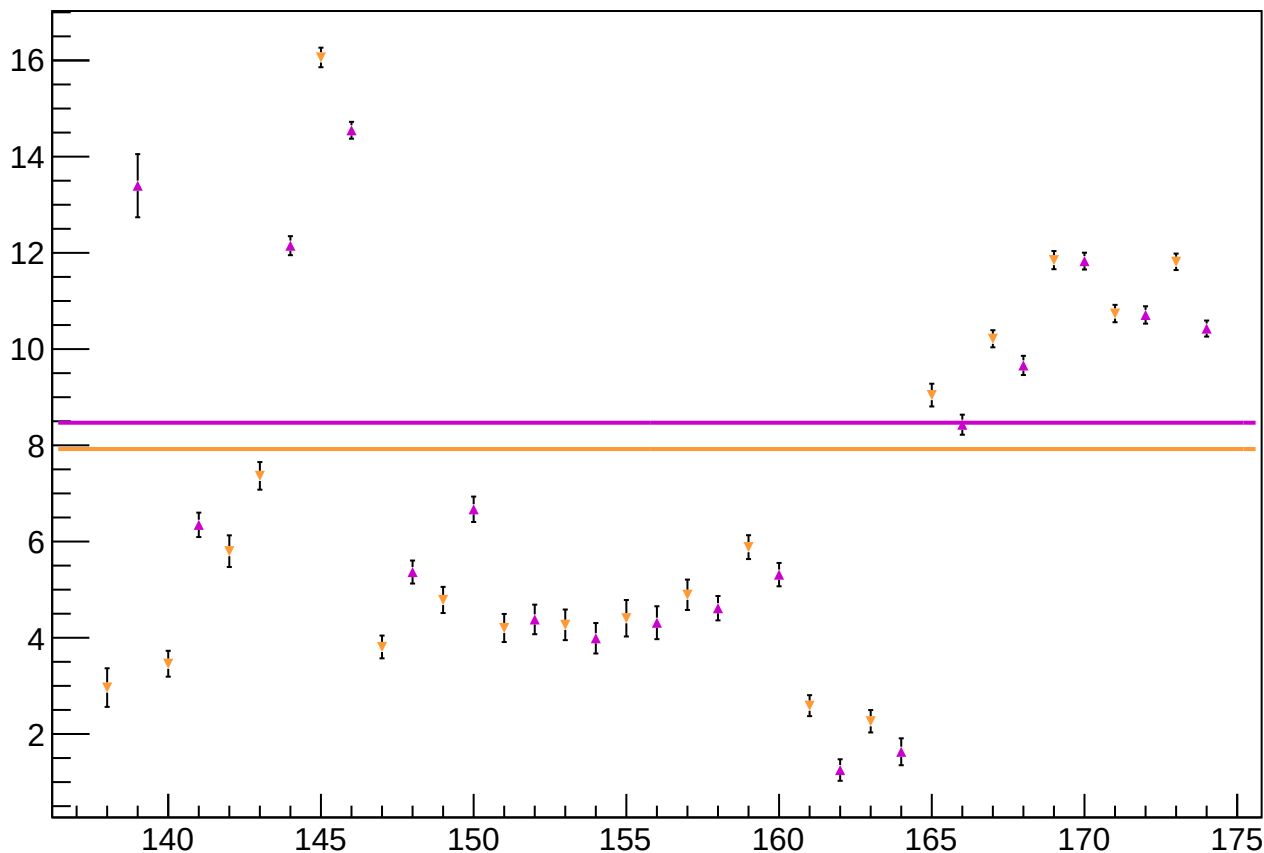
Left In: -20.566+/-0.063 χ^2/NDF : 7674.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.123+/-0.045 χ^2/NDF : 13303.7/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

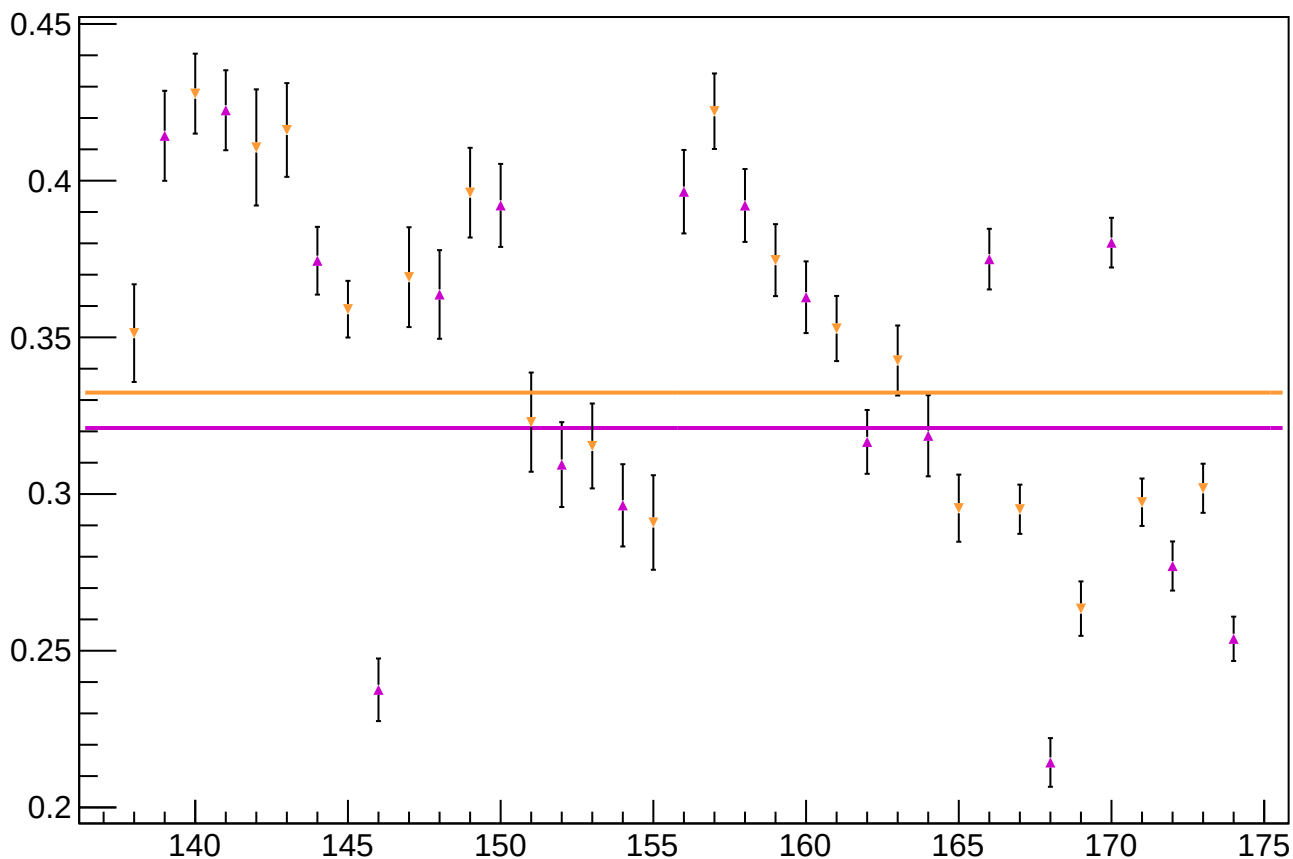
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.923 $\pm$ 0.055 χ^2 /NDF:5624.4/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.470 $\pm$ 0.053 χ^2 /NDF:5158.7/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 8.203 $\pm$ 0.038 χ^2 /NDF: 10834.1/36
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.332 $\pm$ 0.003 χ^2 /NDF:357.7/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

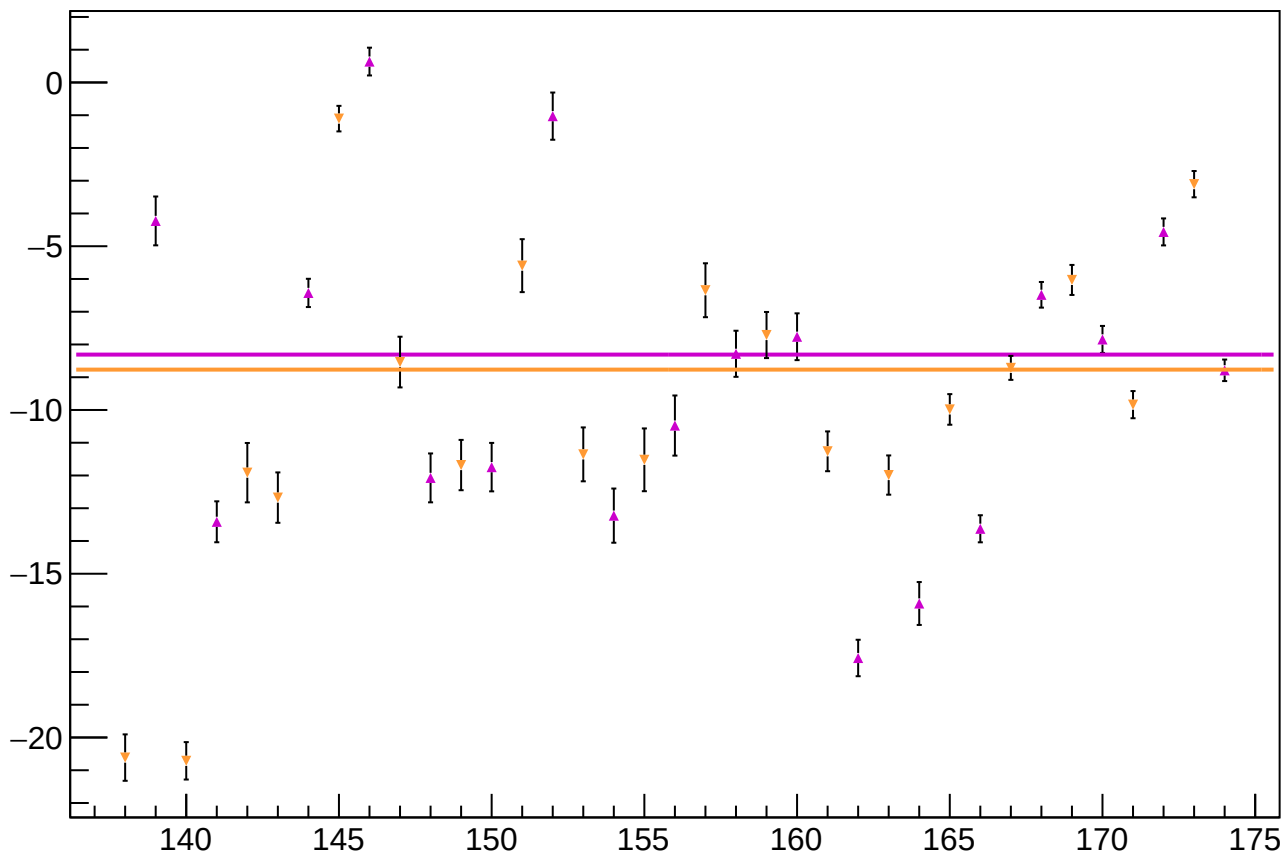
Left In: 0.321 $\pm$ 0.002 χ^2 /NDF:722.2/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.327 $\pm$ 0.002 χ^2 /NDF: 1090.2/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

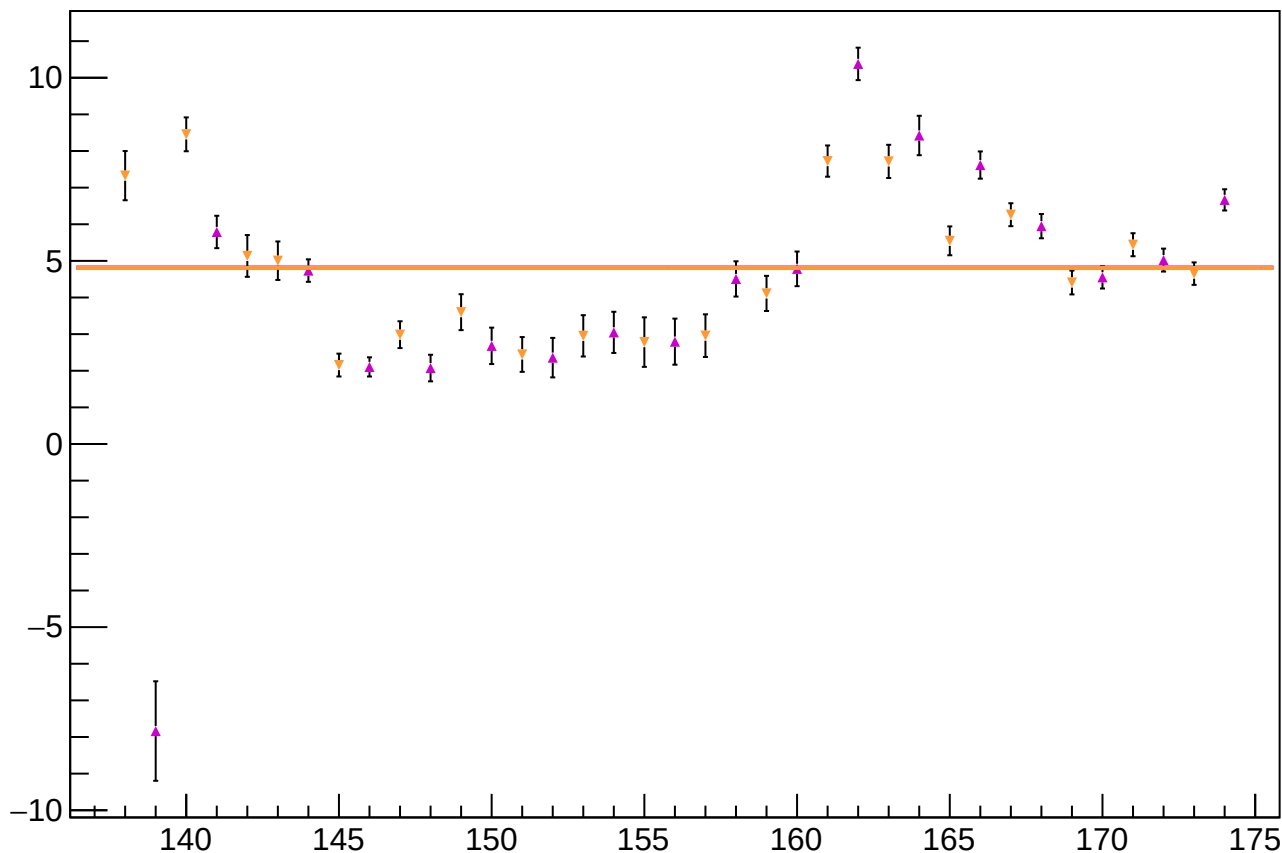
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -8.768 $\pm$ 0.129 χ^2/NDF :1492.9/18
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.309 $\pm$ 0.123 χ^2/NDF :1435.8/17

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: -8.526 $\pm$ 0.089 χ^2/NDF : 2935.4/36
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

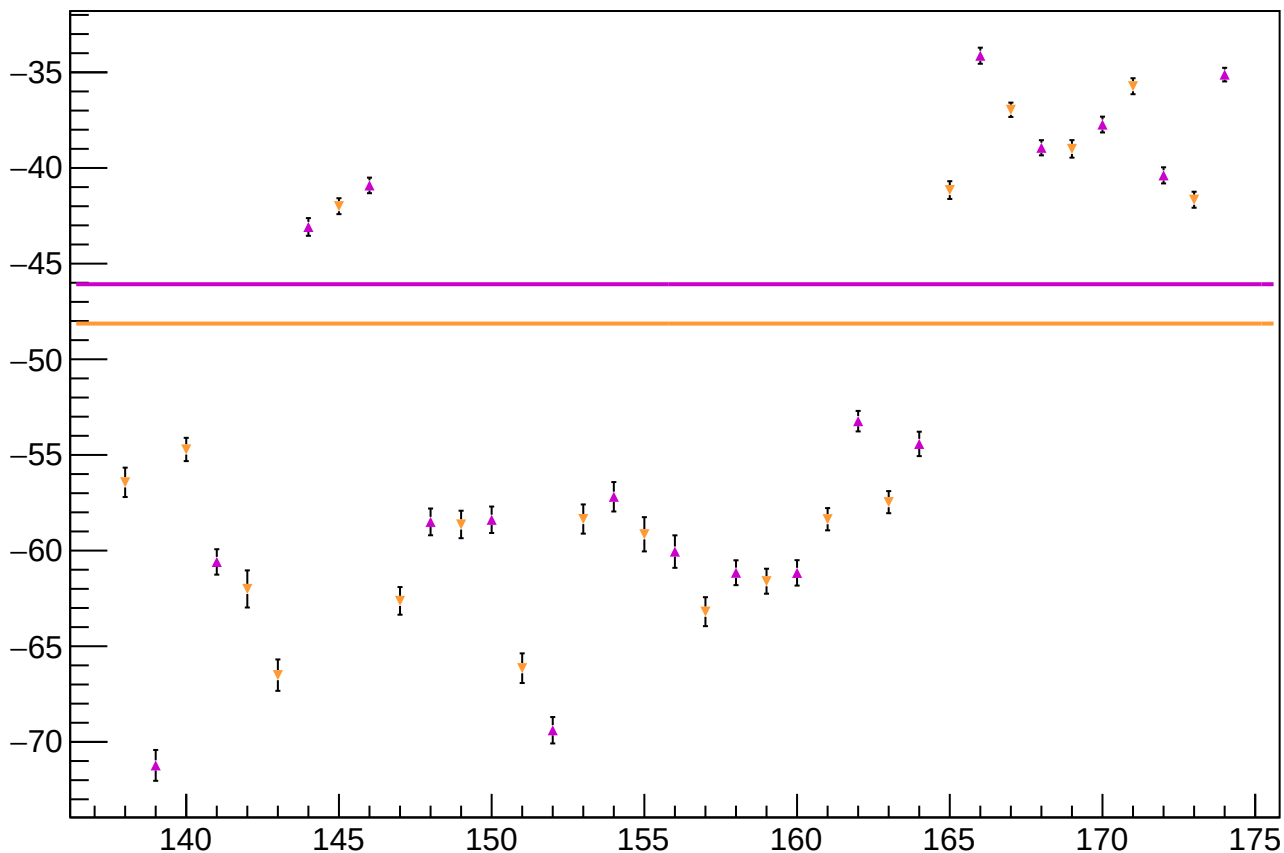
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.809 $\pm$ 0.095 χ^2 /NDF:355.5/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.819 $\pm$ 0.092 χ^2 /NDF:628.6/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.814 $\pm$ 0.066 χ^2 /NDF: 984.1/36
 - sign 0.000 $\pm$ 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: -48.134+/-0.130 χ^2/NDF : 6671.9/18

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

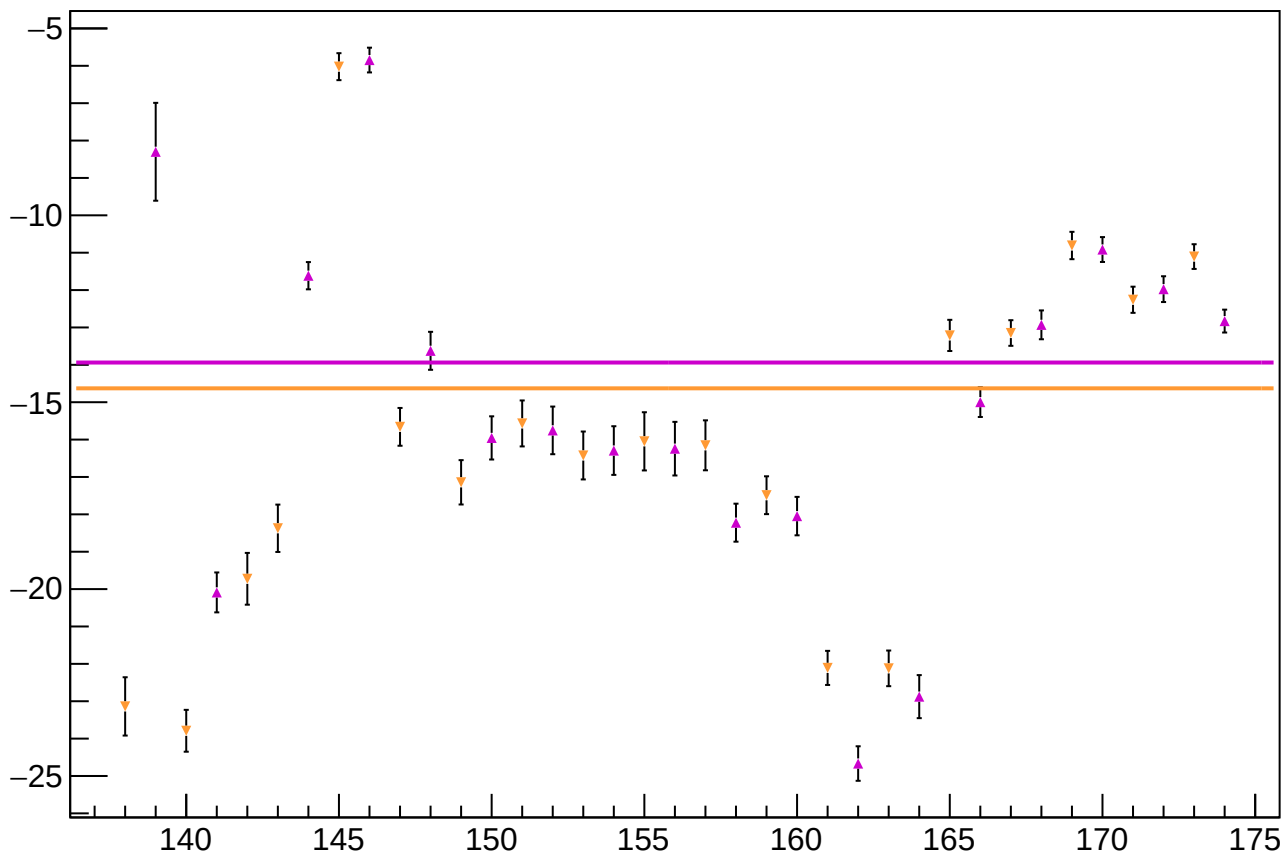
Left In: -46.076+/-0.123 χ^2/NDF : 7977.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.051+/-0.089 χ^2/NDF : 14781.5/36

- 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: -14.629 ± 0.108 χ^2/NDF : 1931.7/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

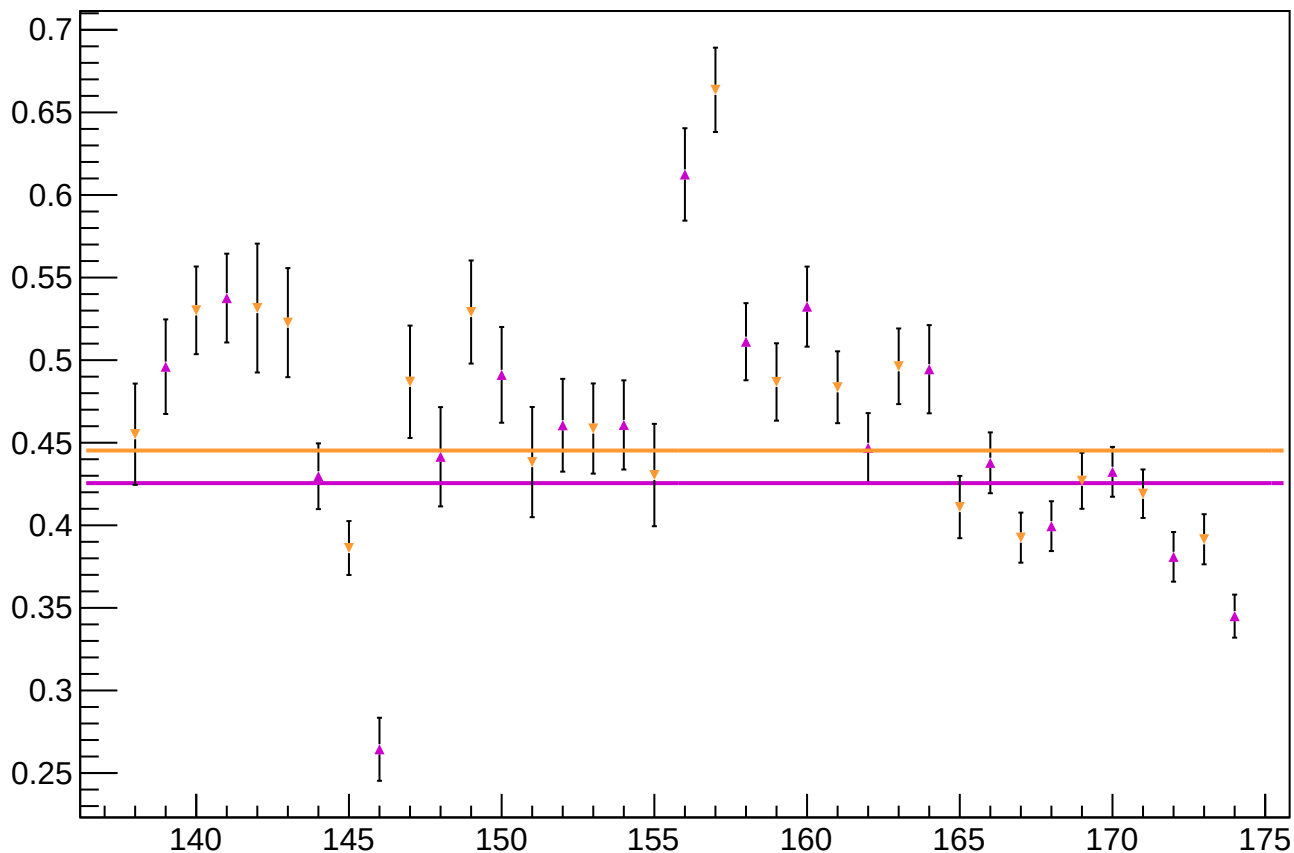
Left In: -13.938 ± 0.105 χ^2/NDF : 1890.6/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.272 ± 0.075 χ^2/NDF : 3843.3/36

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

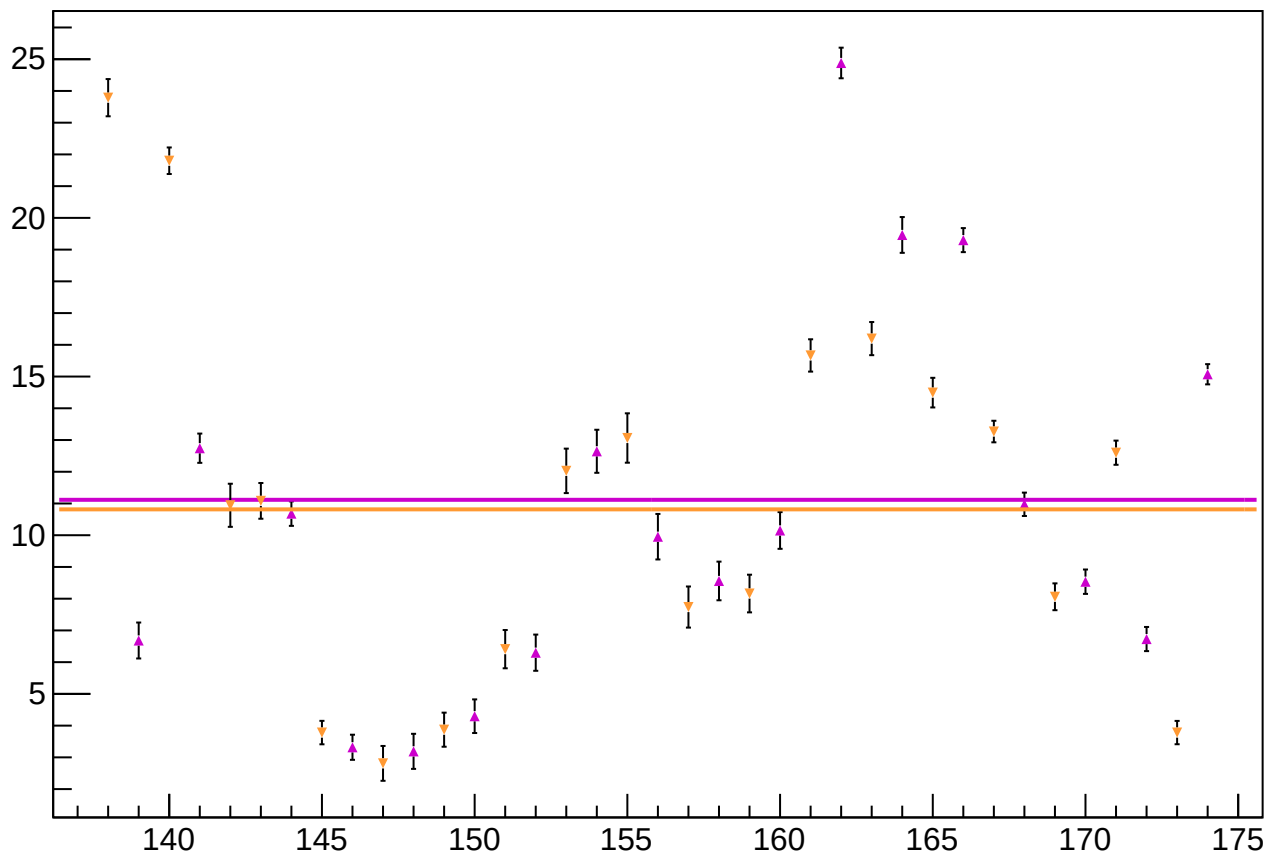
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.445 $\pm$ 0.005 χ^2 /NDF:159.7/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.426 $\pm$ 0.005 χ^2 /NDF:239.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.435 $\pm$ 0.003 χ^2 /NDF: 407.1/36
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 10.815 $\pm$ 0.112 χ^2 /NDF:2770.4/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

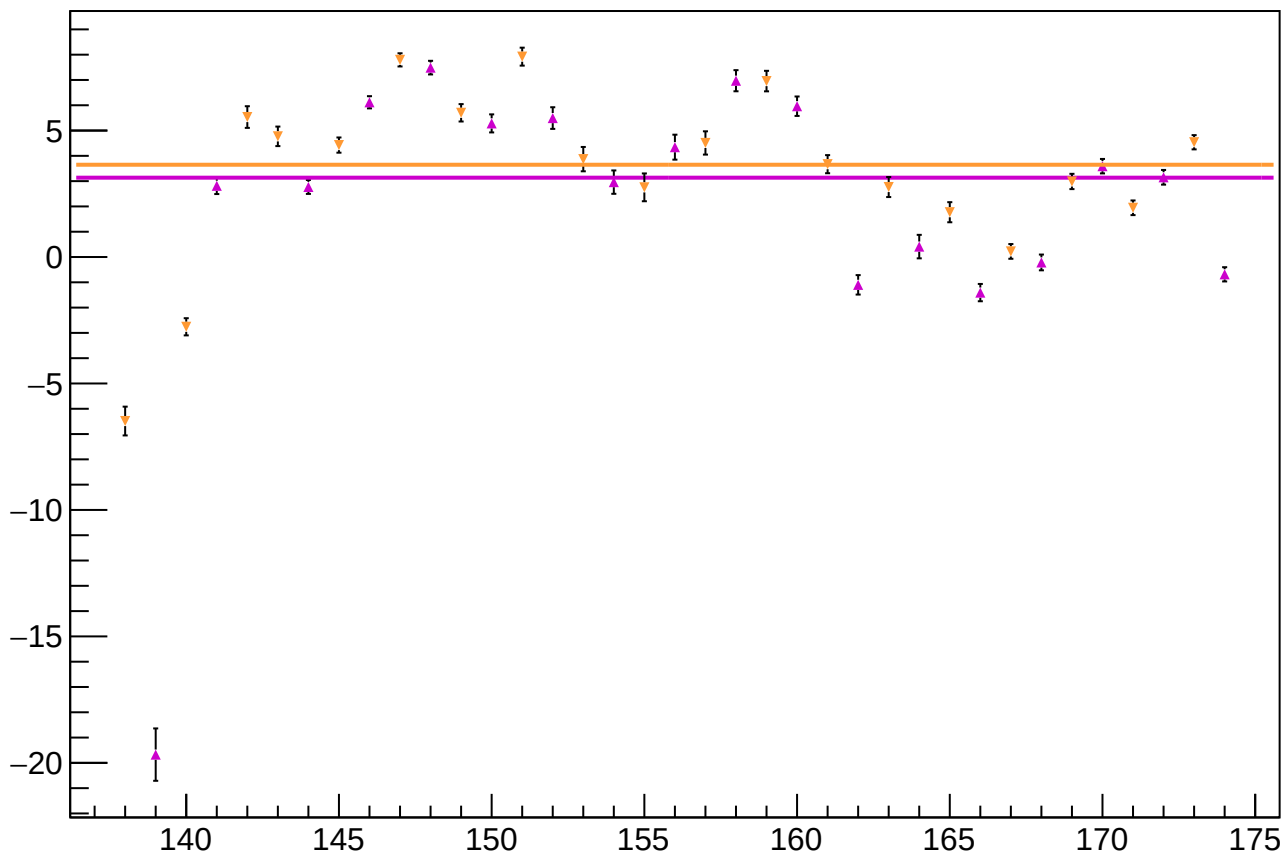
Left In: 11.116 $\pm$ 0.108 χ^2 /NDF:2767.5/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.970 $\pm$ 0.078 χ^2 /NDF: 5541.6/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

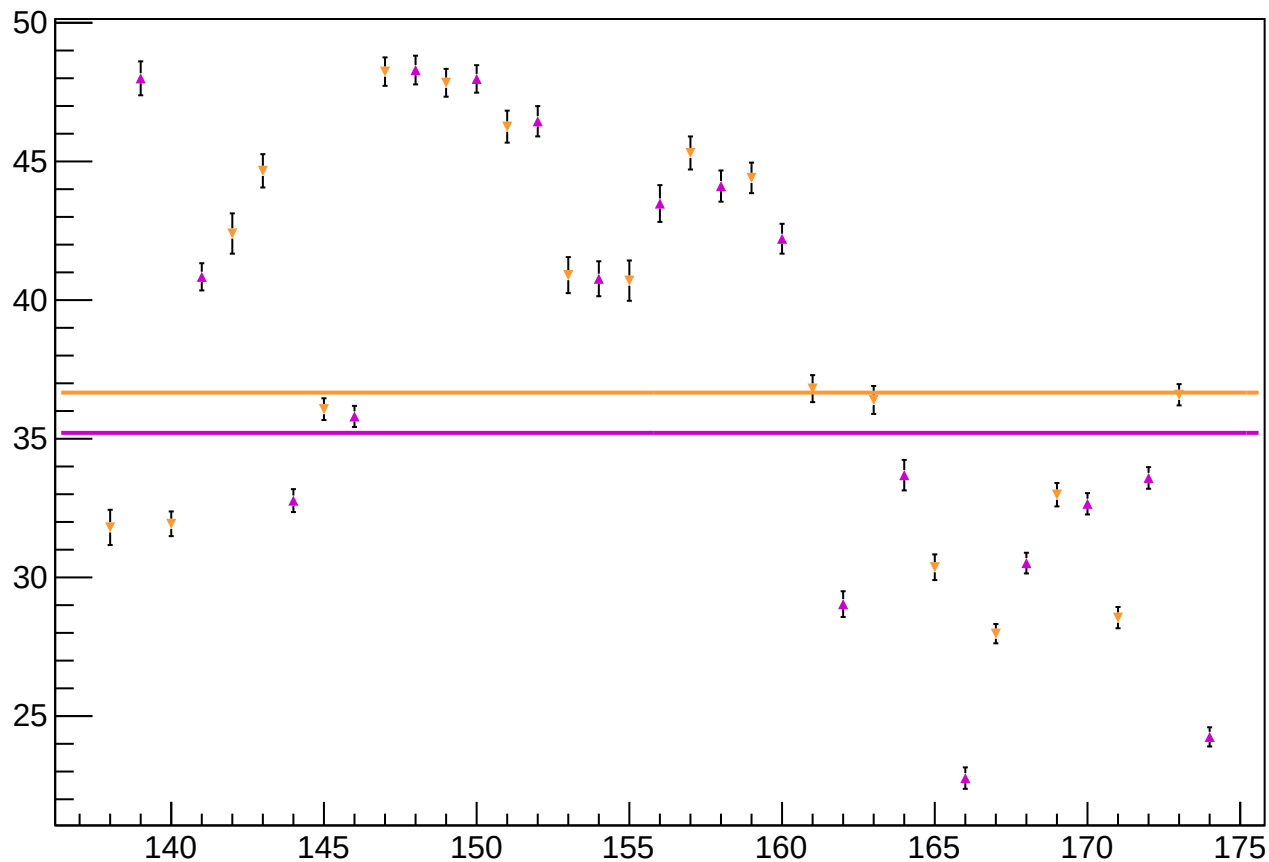
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.648 $\pm$ 0.081 χ^2 /NDF:1428.9/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.137 $\pm$ 0.080 χ^2 /NDF:1747.0/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.389 $\pm$ 0.057 χ^2 /NDF: 3196.1/36
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 36.665+/-0.112 χ^2/NDF : 3509.2/18

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

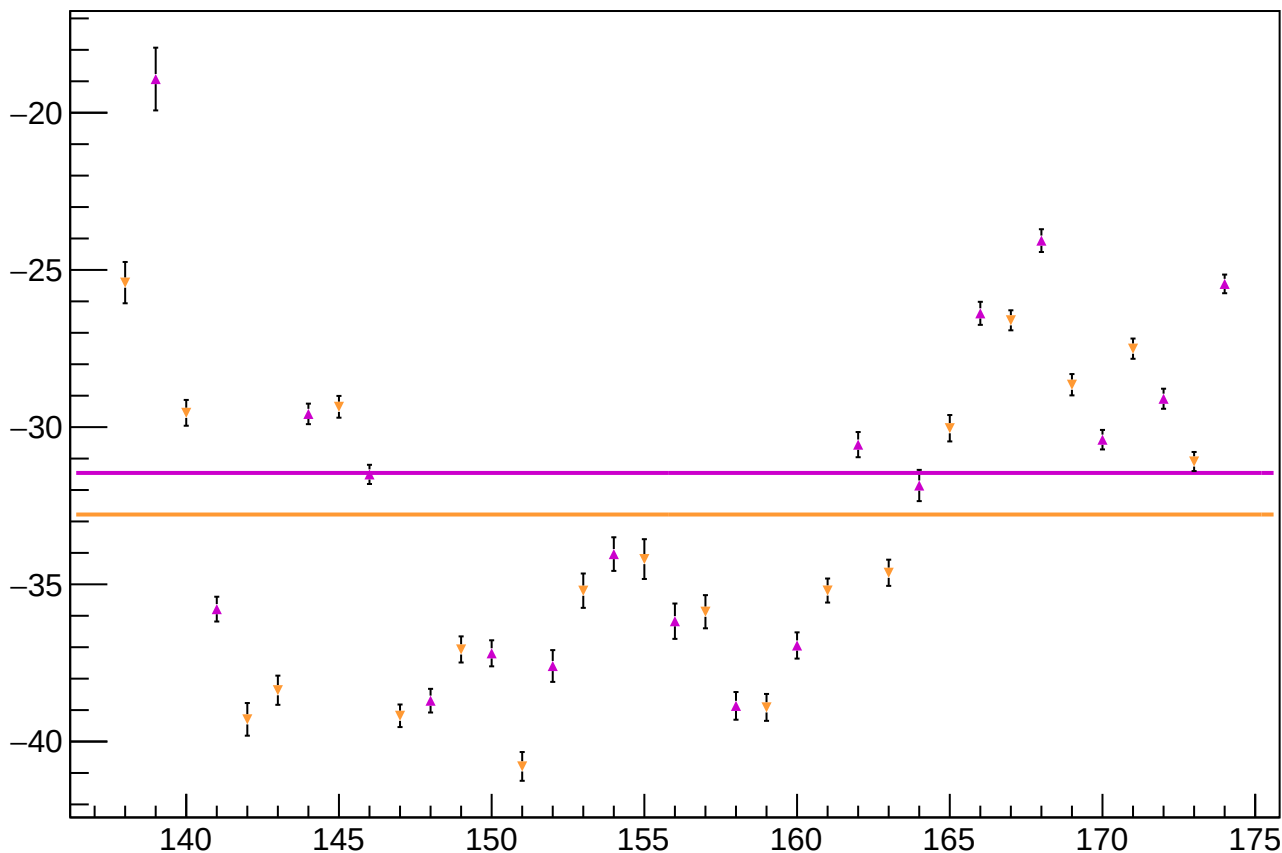
Left In: 35.213+/-0.108 χ^2/NDF : 5435.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.914+/-0.078 χ^2/NDF : 9031.7/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -32.779+/-0.093 χ^2/NDF : 2510.1/18

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

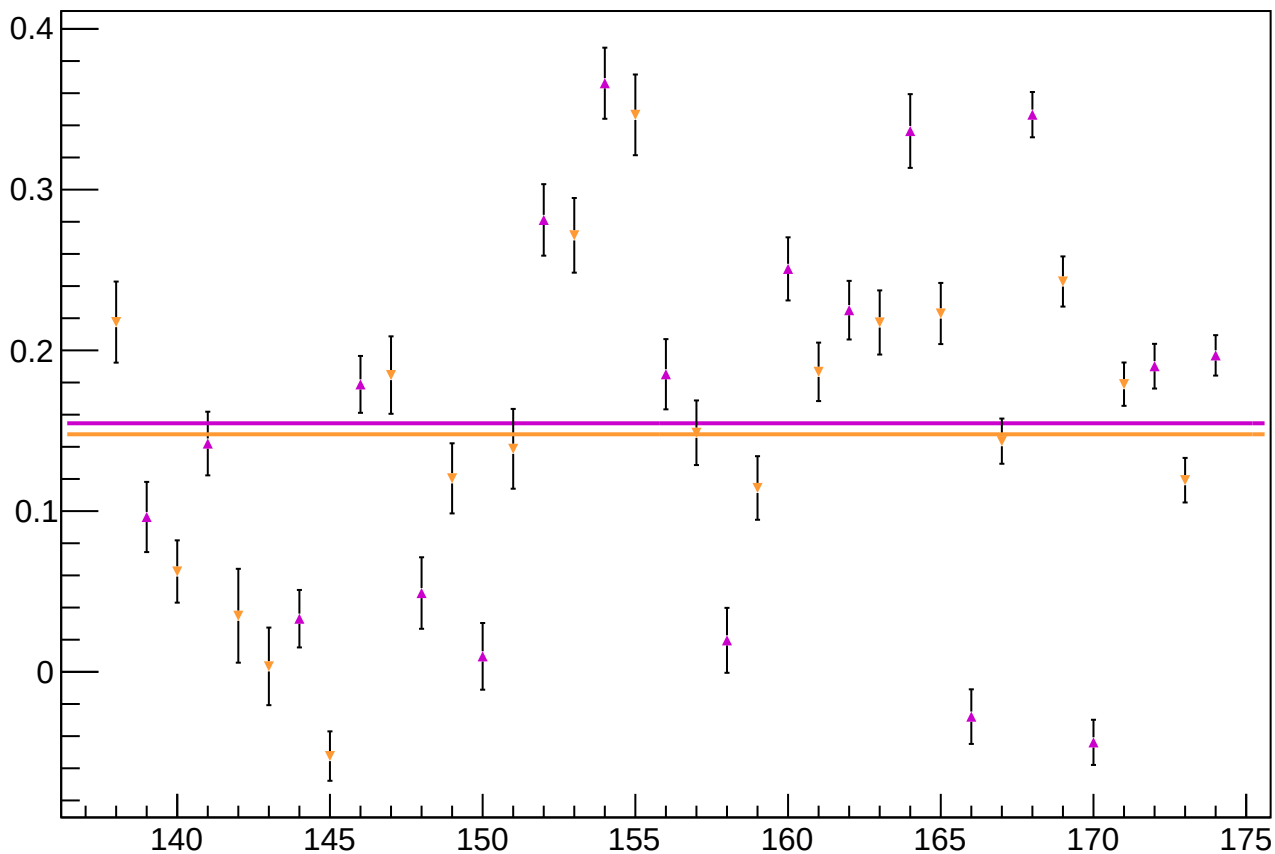
Left In: -31.457+/-0.092 χ^2/NDF : 2660.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.109+/-0.065 χ^2/NDF : 5273.0/36

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.148 $\pm$ 0.004 χ^2 /NDF:424.2/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

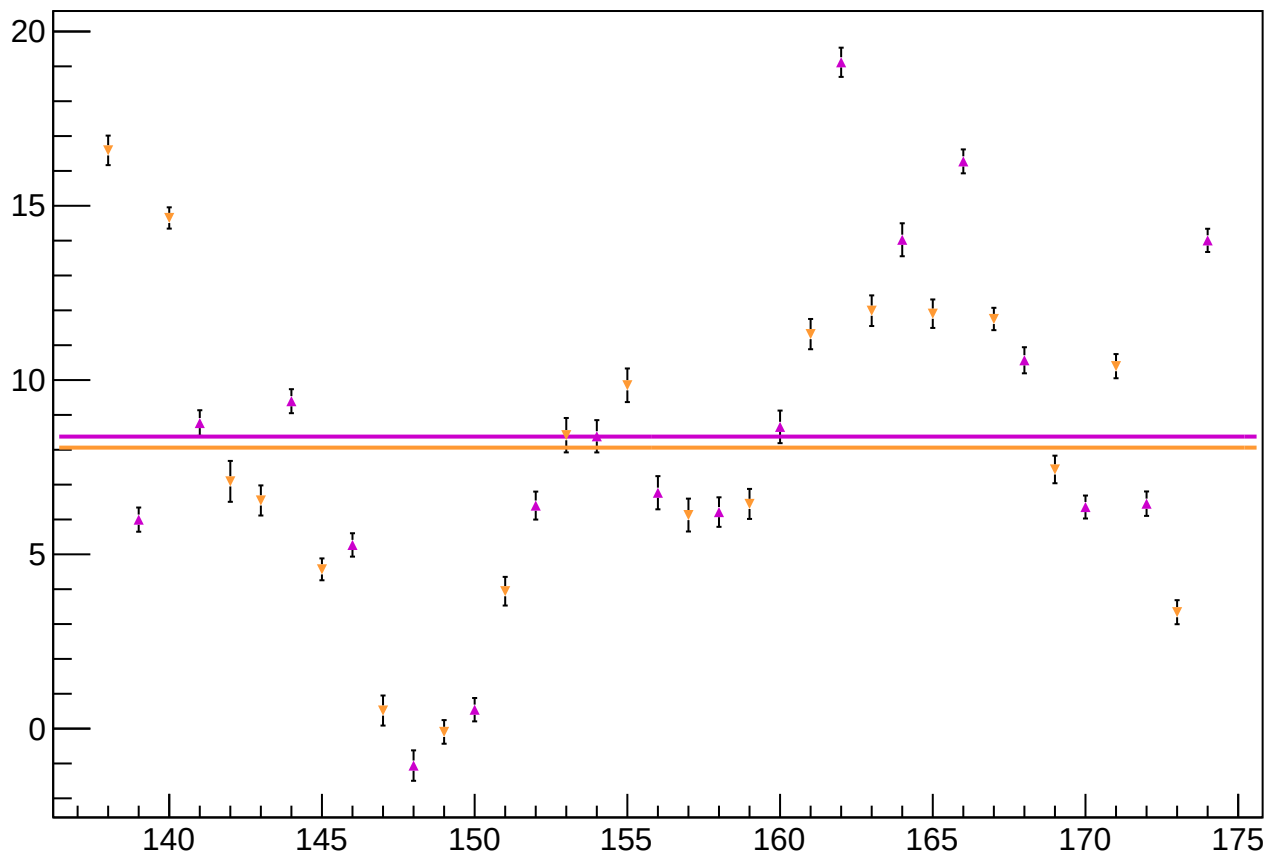
Left In: 0.155 $\pm$ 0.004 χ^2 /NDF:917.4/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.151 $\pm$ 0.003 χ^2 /NDF: 1342.9/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

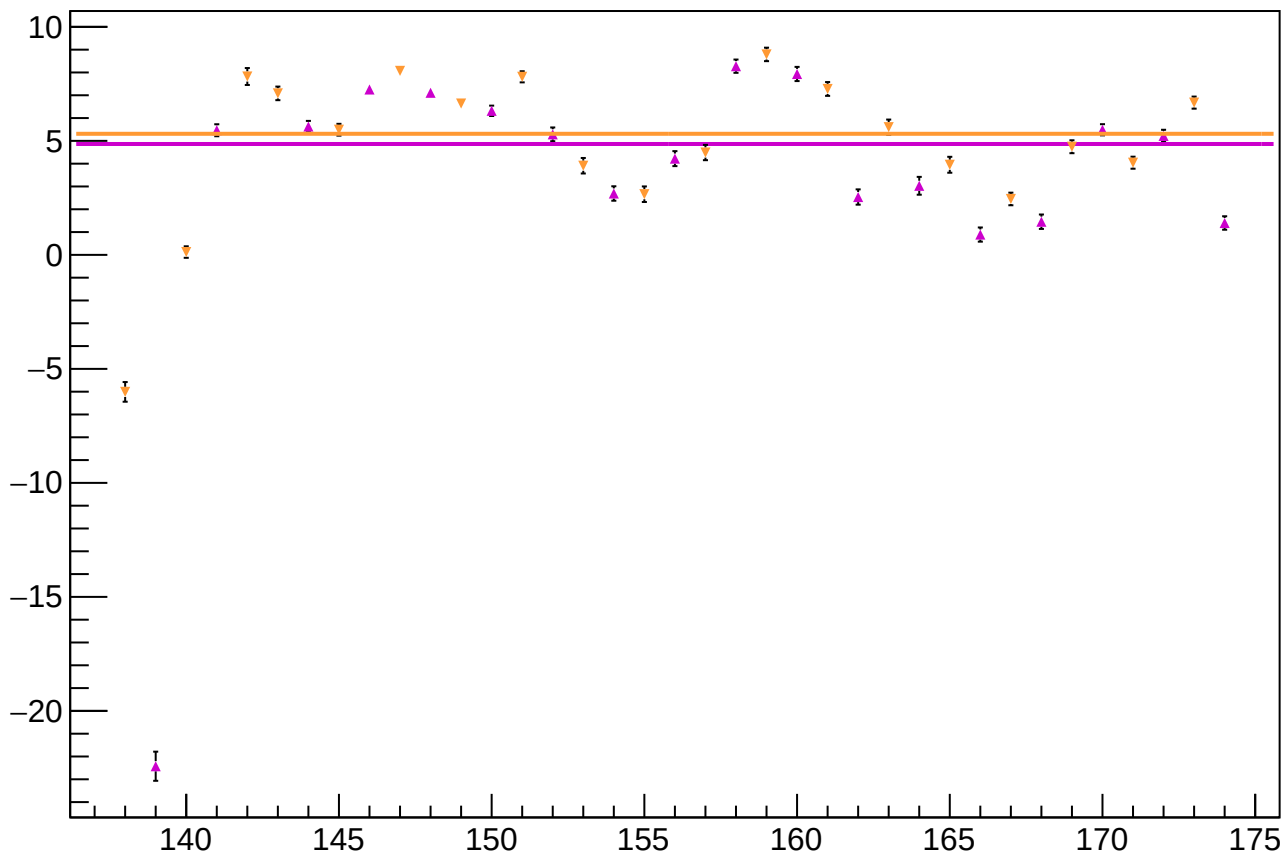
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.062+/-0.090 χ^2/NDF :2632.6/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.378+/-0.090 χ^2/NDF :2933.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.222+/-0.064 χ^2/NDF : 5572.4/36
 - 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 5.310 $\pm$ 0.065 χ^2 /NDF:1950.6/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

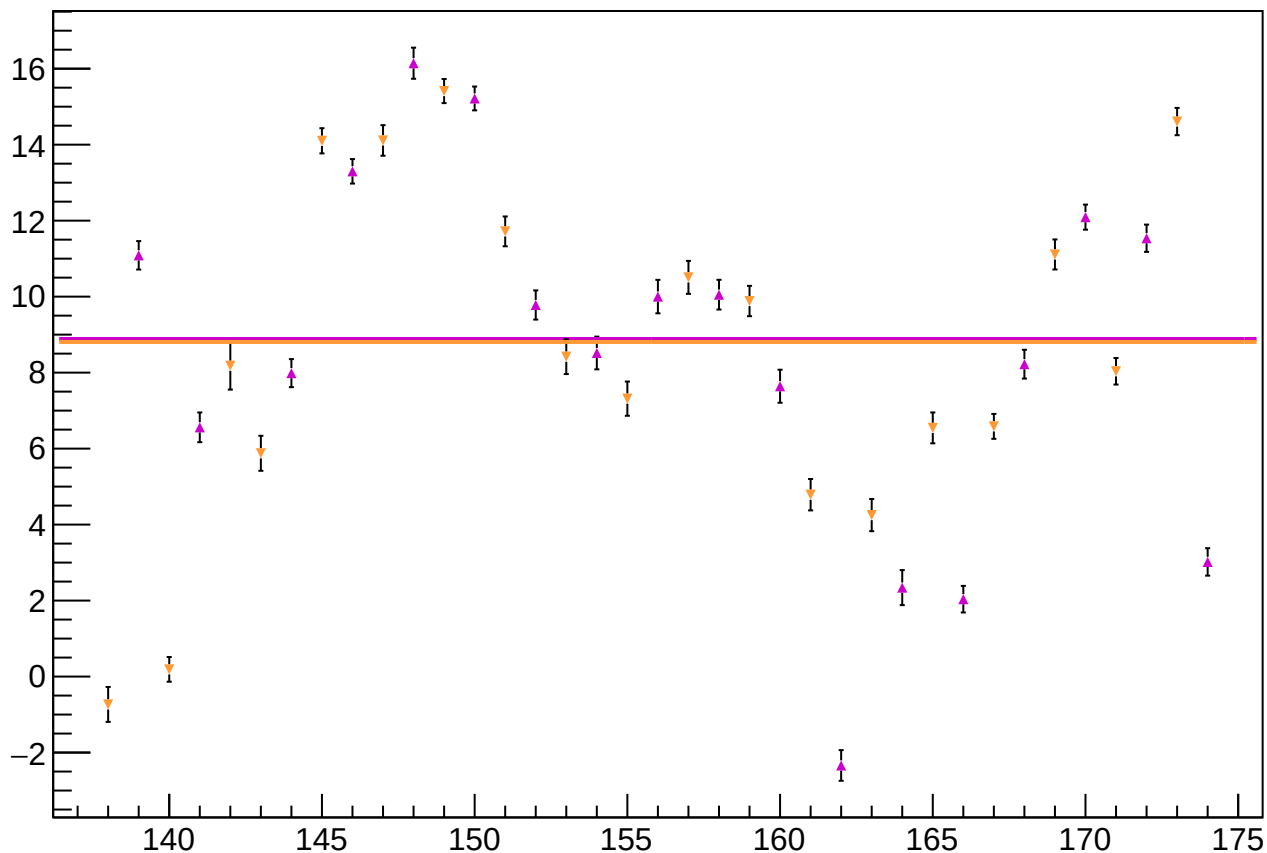
Left In: 4.863 $\pm$ 0.067 χ^2 /NDF:2896.7/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.091 $\pm$ 0.047 χ^2 /NDF: 4870.3/36

- sign 0.000 $\pm$ 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: 8.808+/-0.090 χ^2/NDF :2712.4/18

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

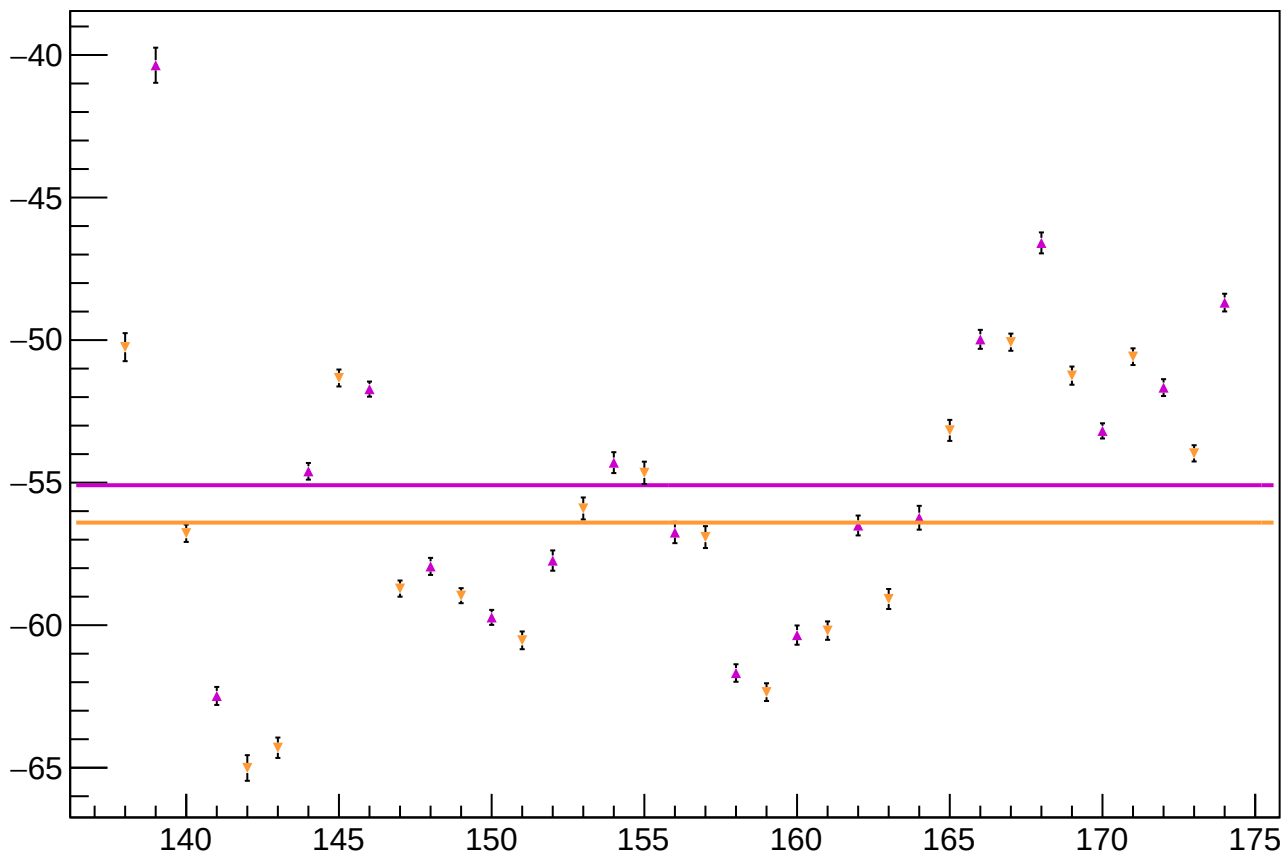
Left In: 8.885+/-0.089 χ^2/NDF :2789.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.847+/-0.063 χ^2/NDF : 5502.1/36

- 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: -56.401 ± 0.075 χ^2/NDF : 3472.8/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

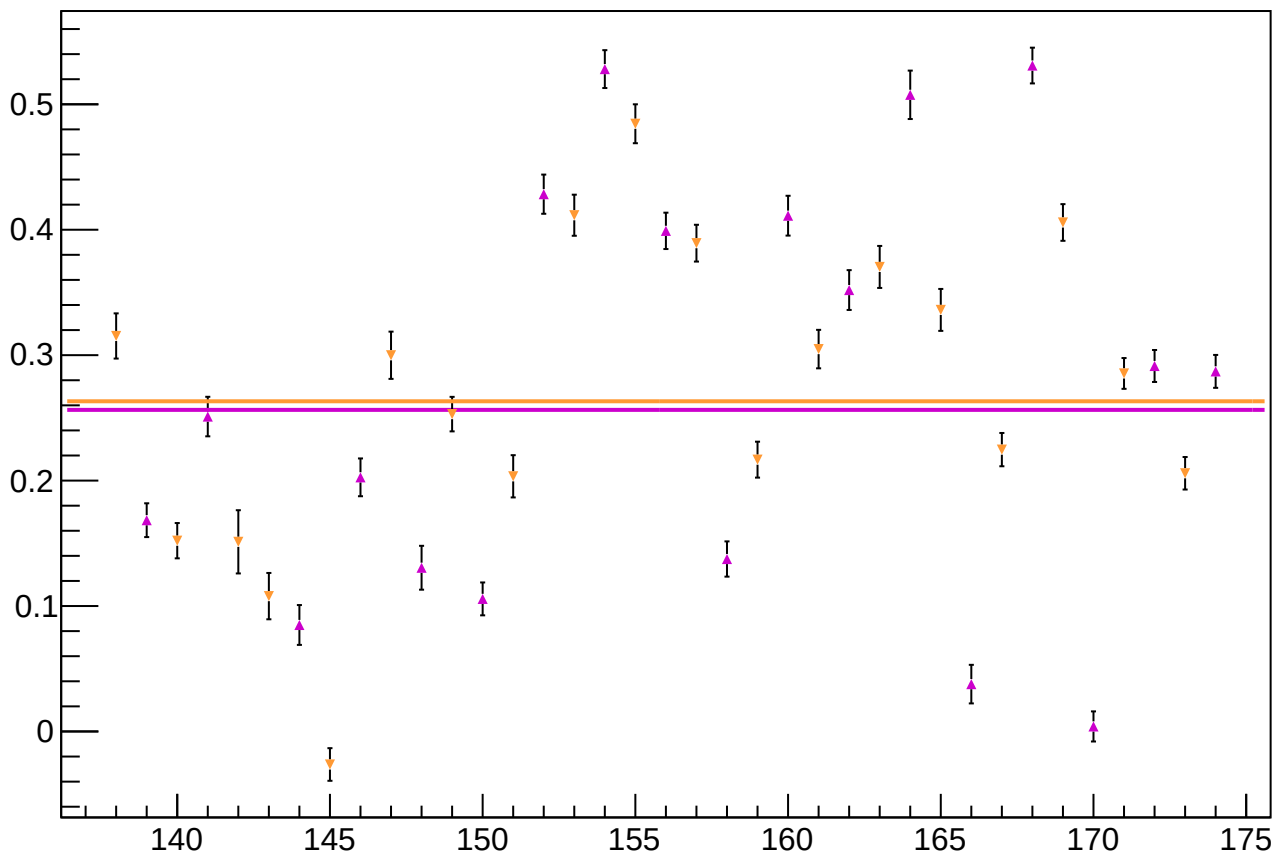
Left In: -55.091 ± 0.076 χ^2/NDF : 3869.9/17

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.754 ± 0.054 χ^2/NDF : 7492.4/36

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

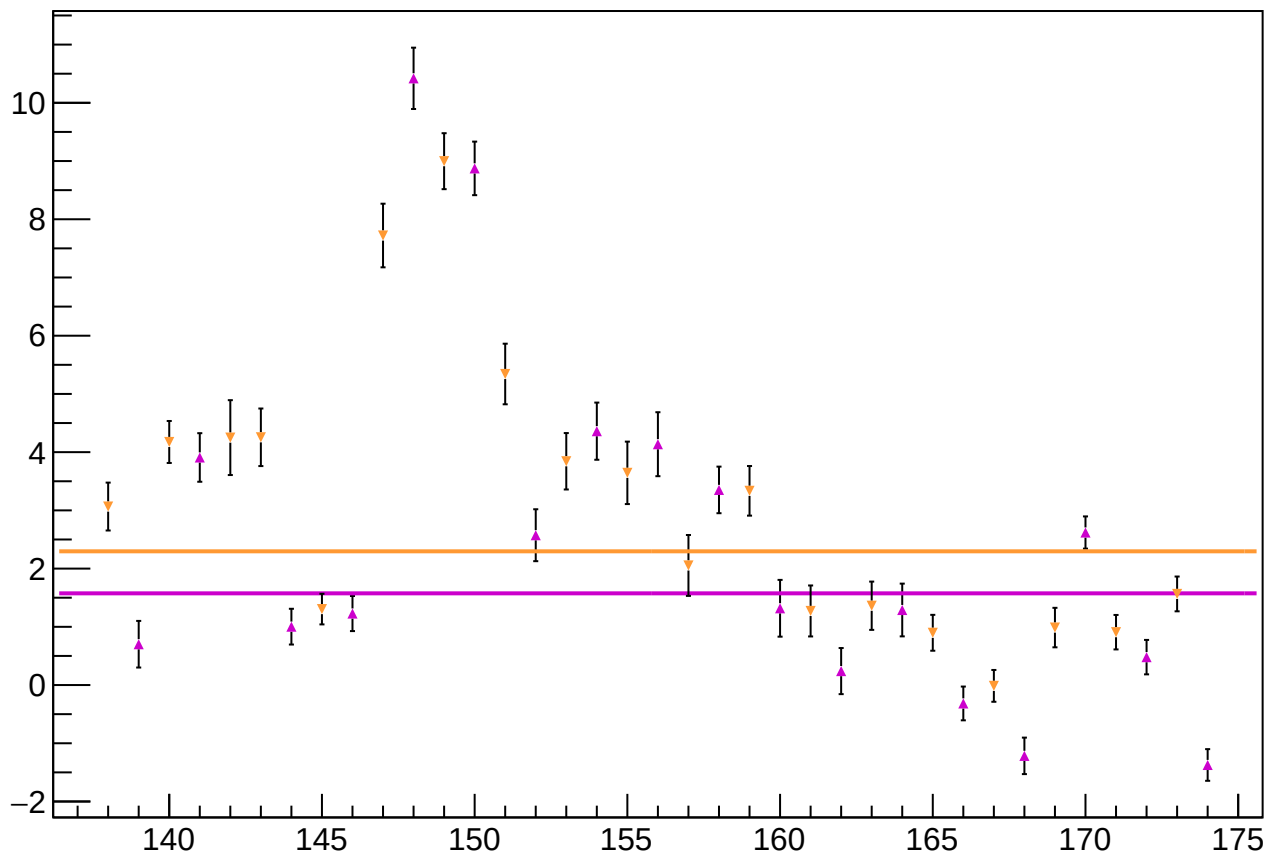
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.263 $\pm$ 0.003 χ^2 /NDF:1236.9/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:2299.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.260 $\pm$ 0.002 χ^2 /NDF: 3538.1/36
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 2.297 $\pm$ 0.088 χ^2 /NDF:565.3/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

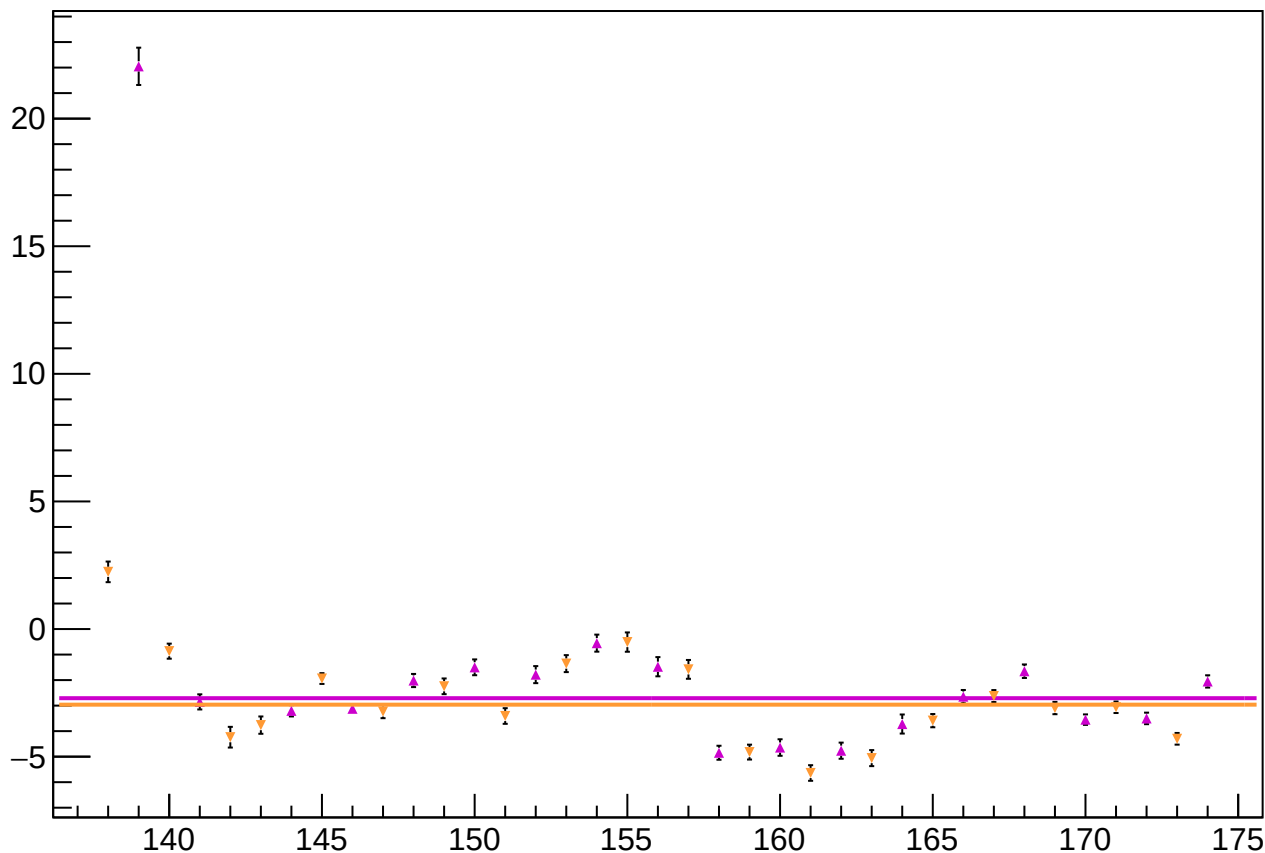
Left In: 1.575 $\pm$ 0.086 χ^2 /NDF:932.8/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.926 $\pm$ 0.061 χ^2 /NDF: 1532.6/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

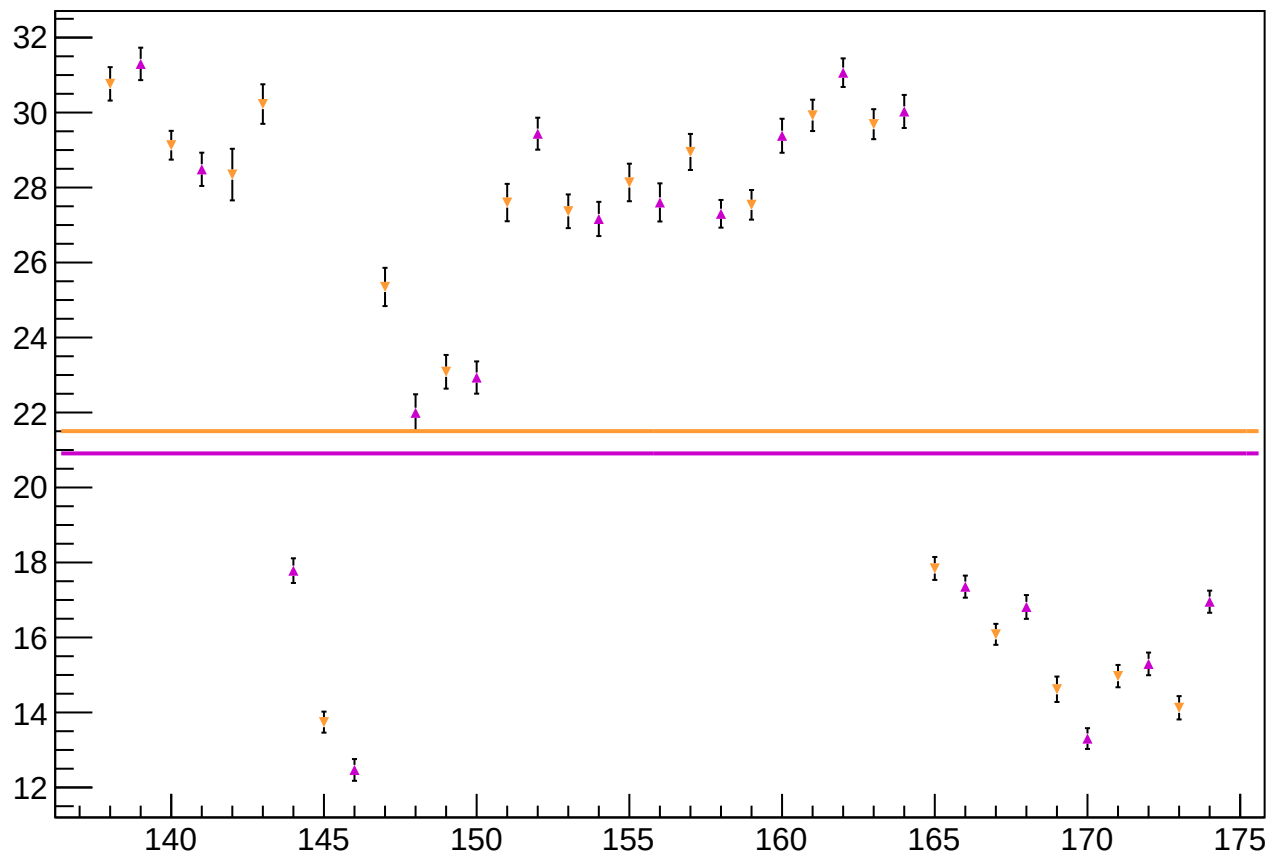
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.963 $\pm$ 0.065 χ^2 /NDF:547.5/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.709 $\pm$ 0.065 χ^2 /NDF:1437.8/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.835 $\pm$ 0.046 χ^2 /NDF: 1993.0/36
 - sign 0.000 $\pm$ 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: 21.504+/-0.088 χ^2/NDF : 5802.5/18

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

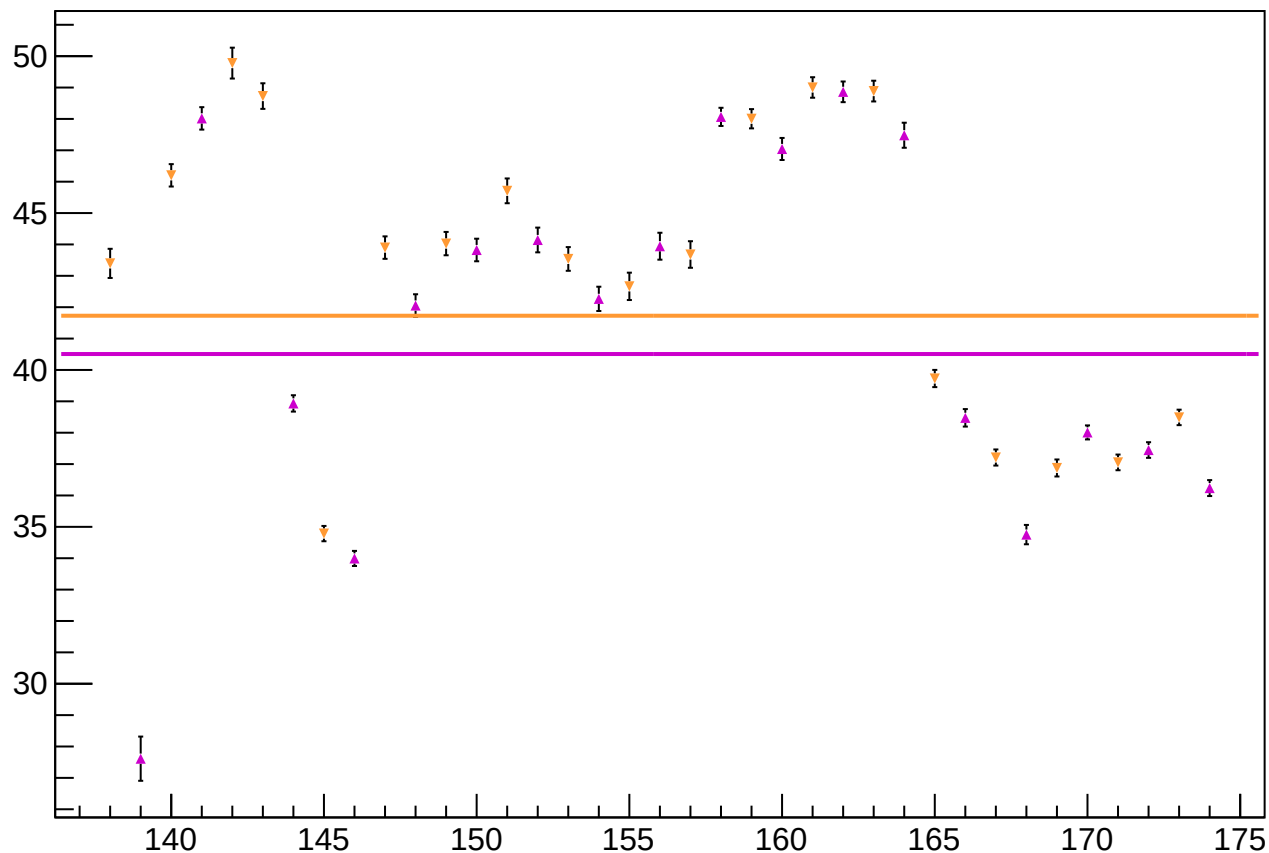
Left In: 20.909+/-0.086 χ^2/NDF : 5969.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.197+/-0.061 χ^2/NDF : 11795.3/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 41.728+/-0.074 χ^2/NDF : 4357.0/18

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

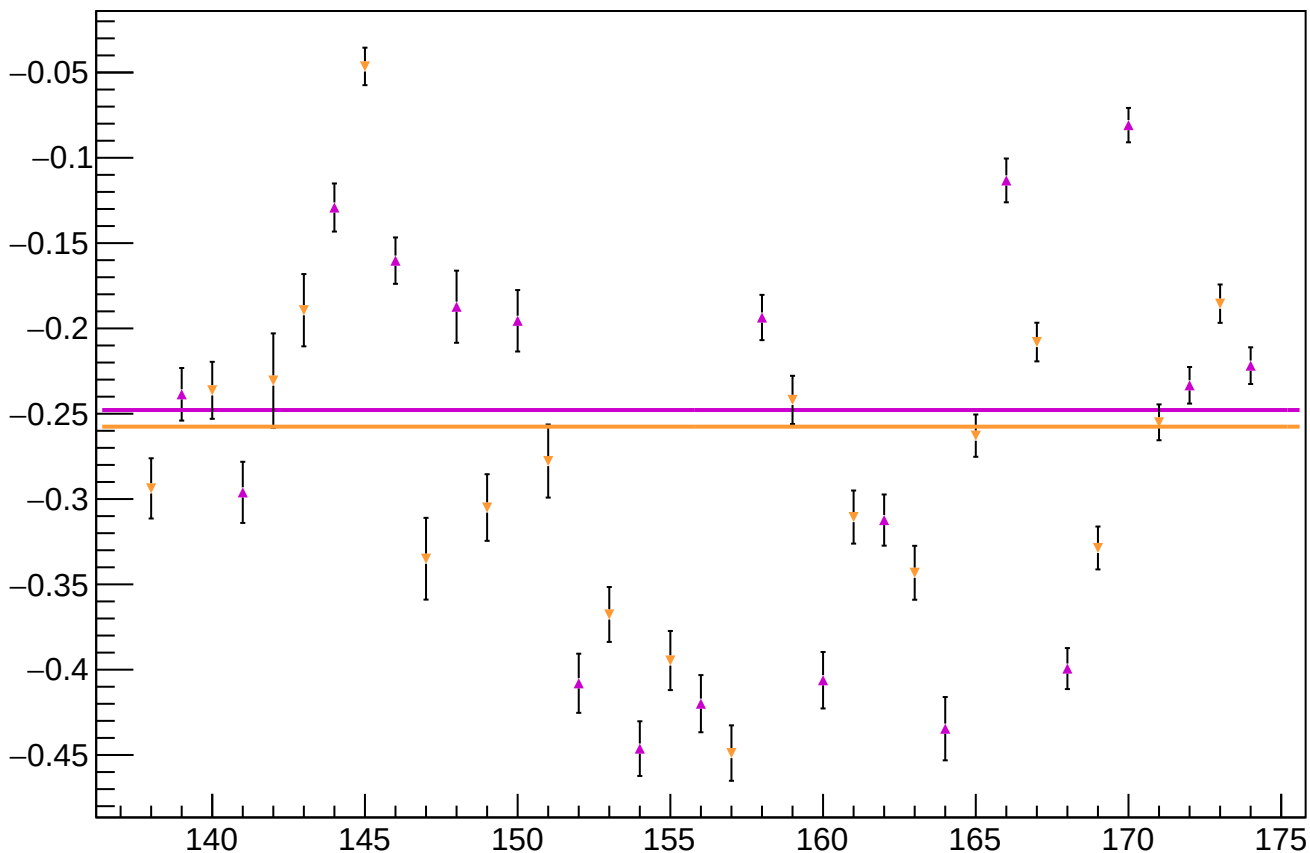
Left In: 40.508+/-0.073 χ^2/NDF : 4756.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.111+/-0.052 χ^2/NDF : 9250.3/36

- 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: -0.258+/-0.003 χ^2/NDF : 786.7/18

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

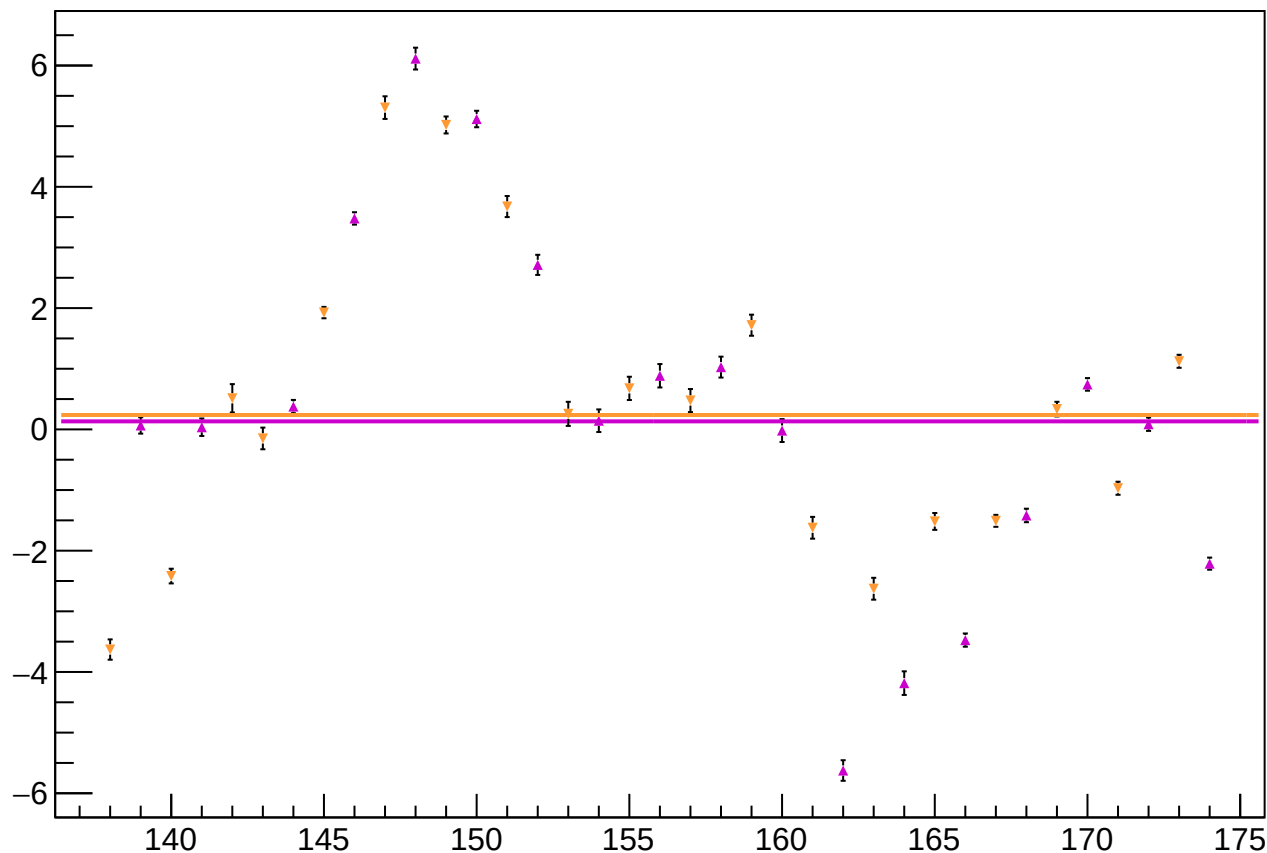
Left In: -0.248+/-0.003 χ^2/NDF : 1260.1/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.253+/-0.002 χ^2/NDF : 2051.1/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

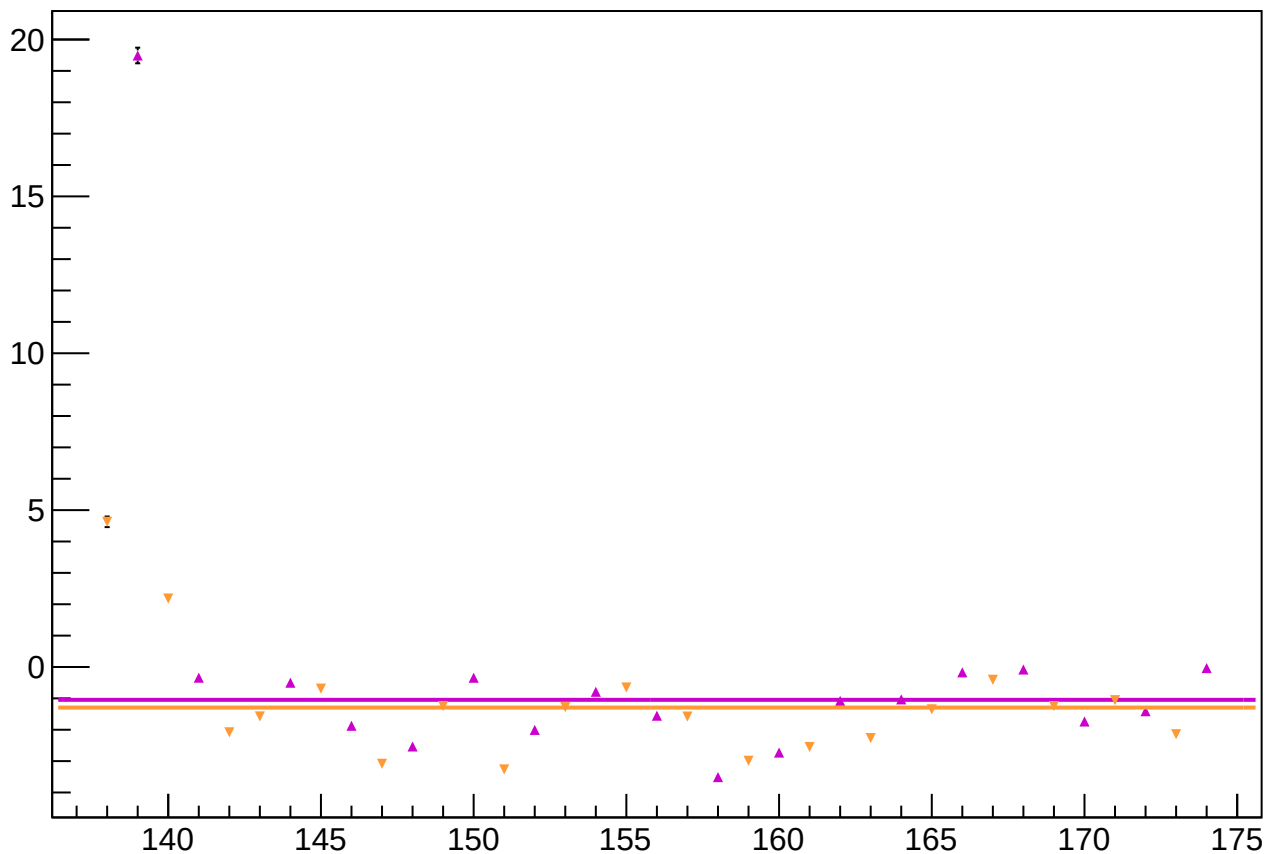
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.237+/-0.032 χ^2/NDF : 4746.0/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.133+/-0.031 χ^2/NDF : 7332.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.183+/-0.023 χ^2/NDF : 12084.3/36
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

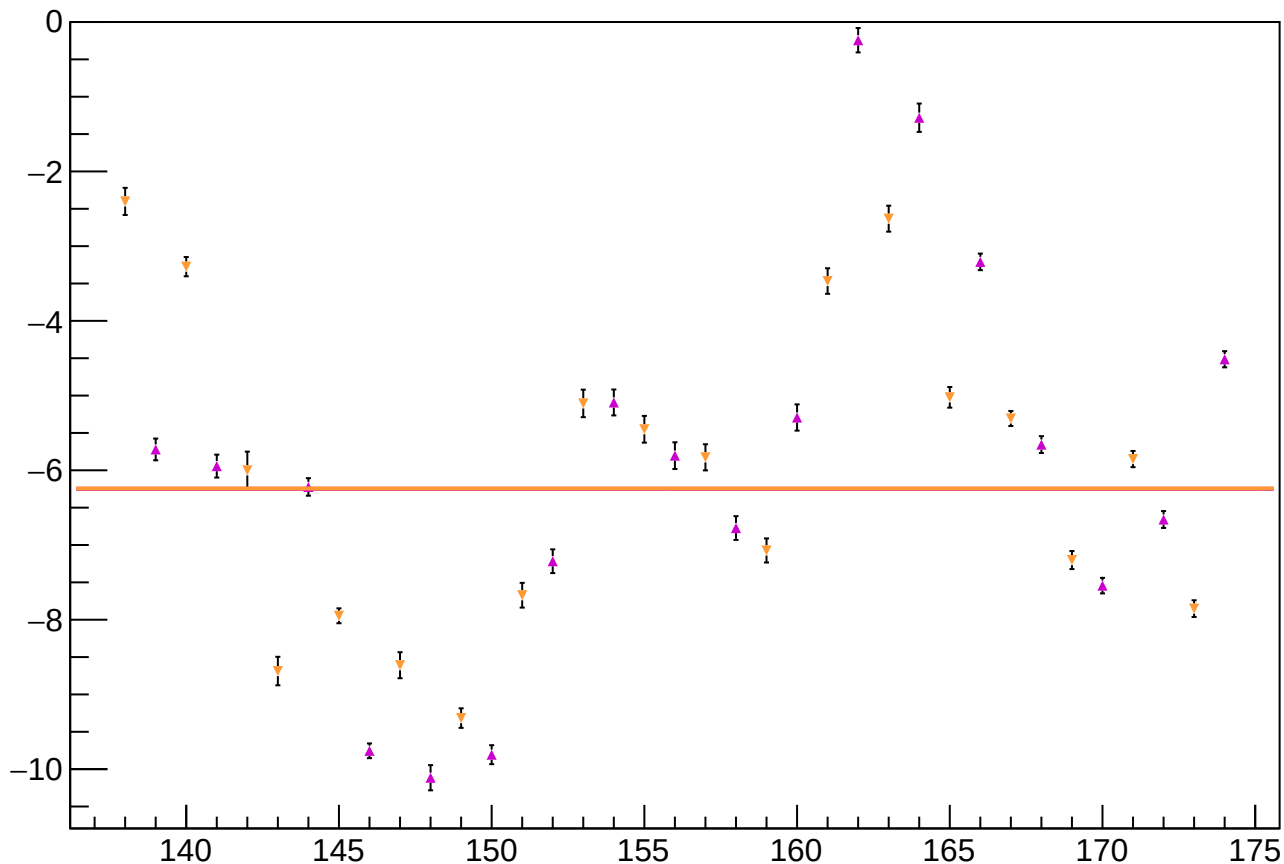
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.293 $\pm$ 0.024 χ^2 /NDF:3899.3/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.046 $\pm$ 0.024 χ^2 /NDF:8481.9/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -1.168 $\pm$ 0.017 χ^2 /NDF: 12435.2/36
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

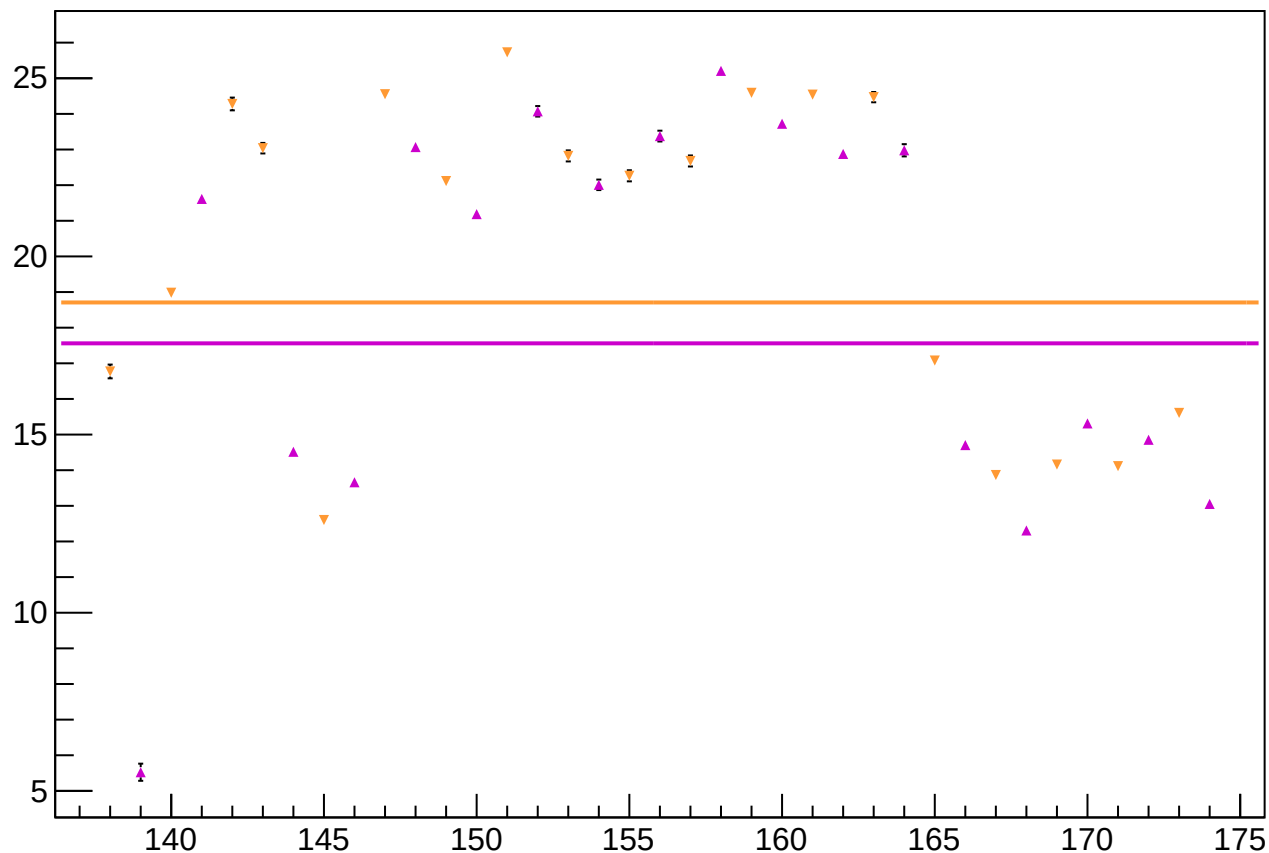
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.243+/-0.033 χ^2/NDF : 3475.7/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.248+/-0.031 χ^2/NDF : 5961.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.246+/-0.023 χ^2/NDF : 9437.1/36
 - 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 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 18.708 $\pm$ 0.027 χ^2/NDF :29277.7/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

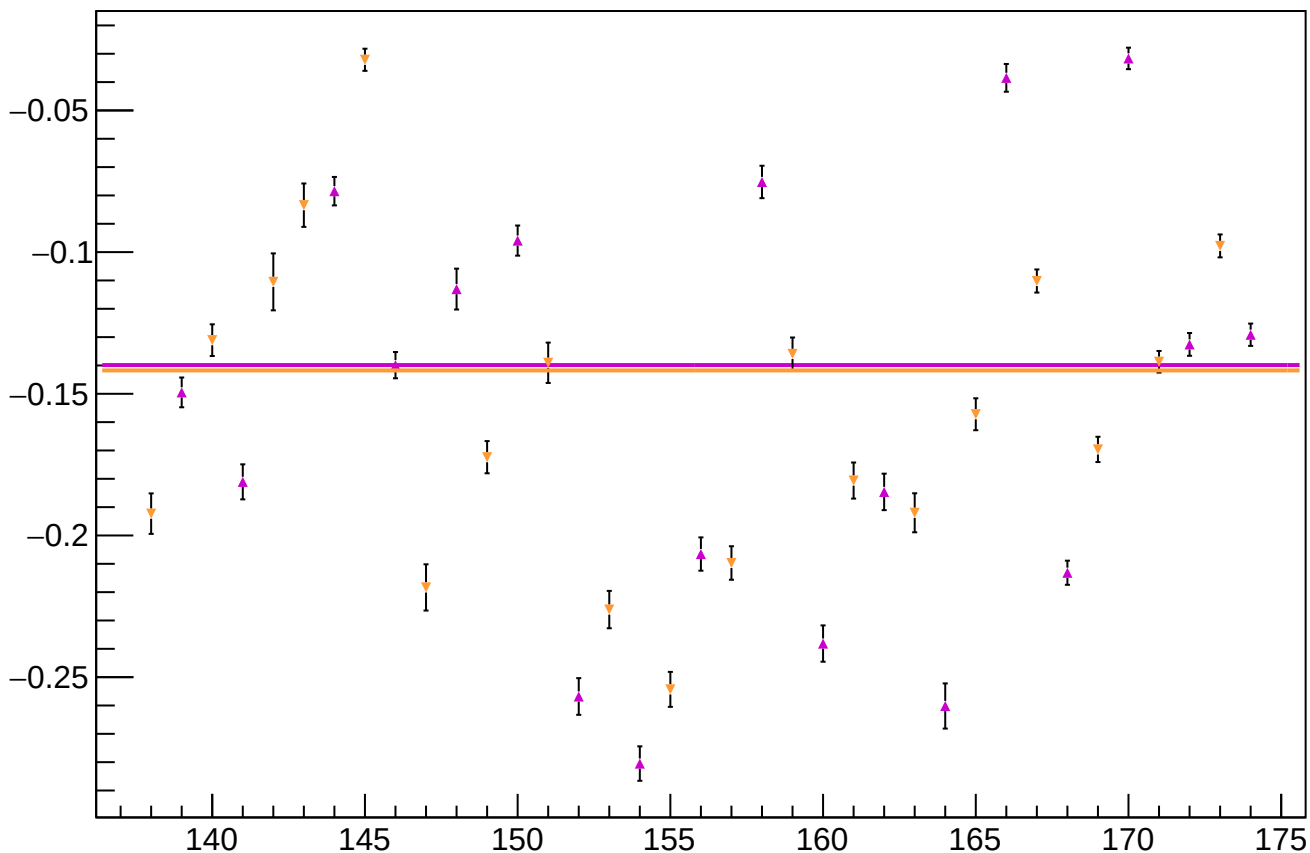
Left In: 17.560 $\pm$ 0.027 χ^2/NDF :29506.1/17

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 18.125 $\pm$ 0.019 χ^2/NDF : 59678.1/36

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.142 $\pm$ 0.001 χ^2 /NDF:1971.0/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

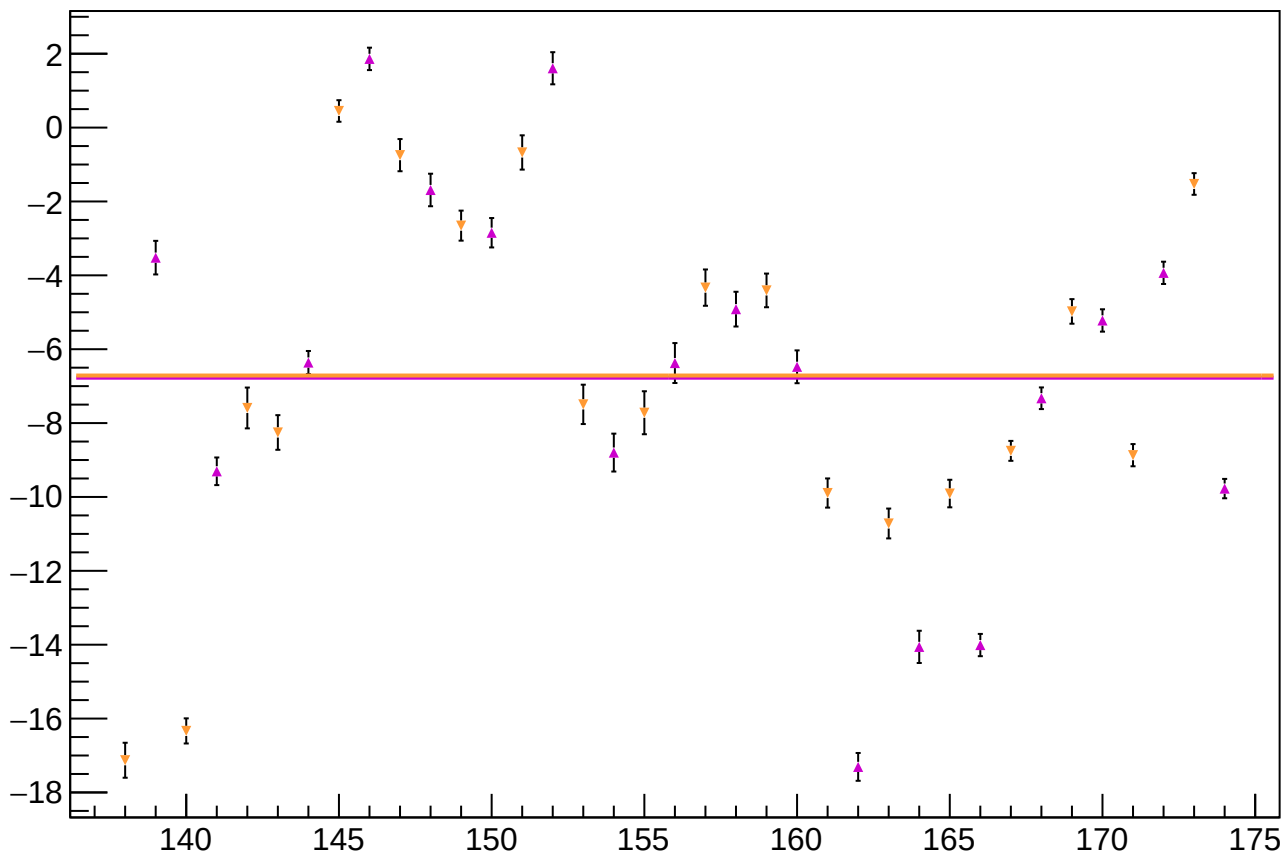
Left In: -0.140 $\pm$ 0.001 χ^2 /NDF:3457.1/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.141 $\pm$ 0.001 χ^2 /NDF: 5429.3/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

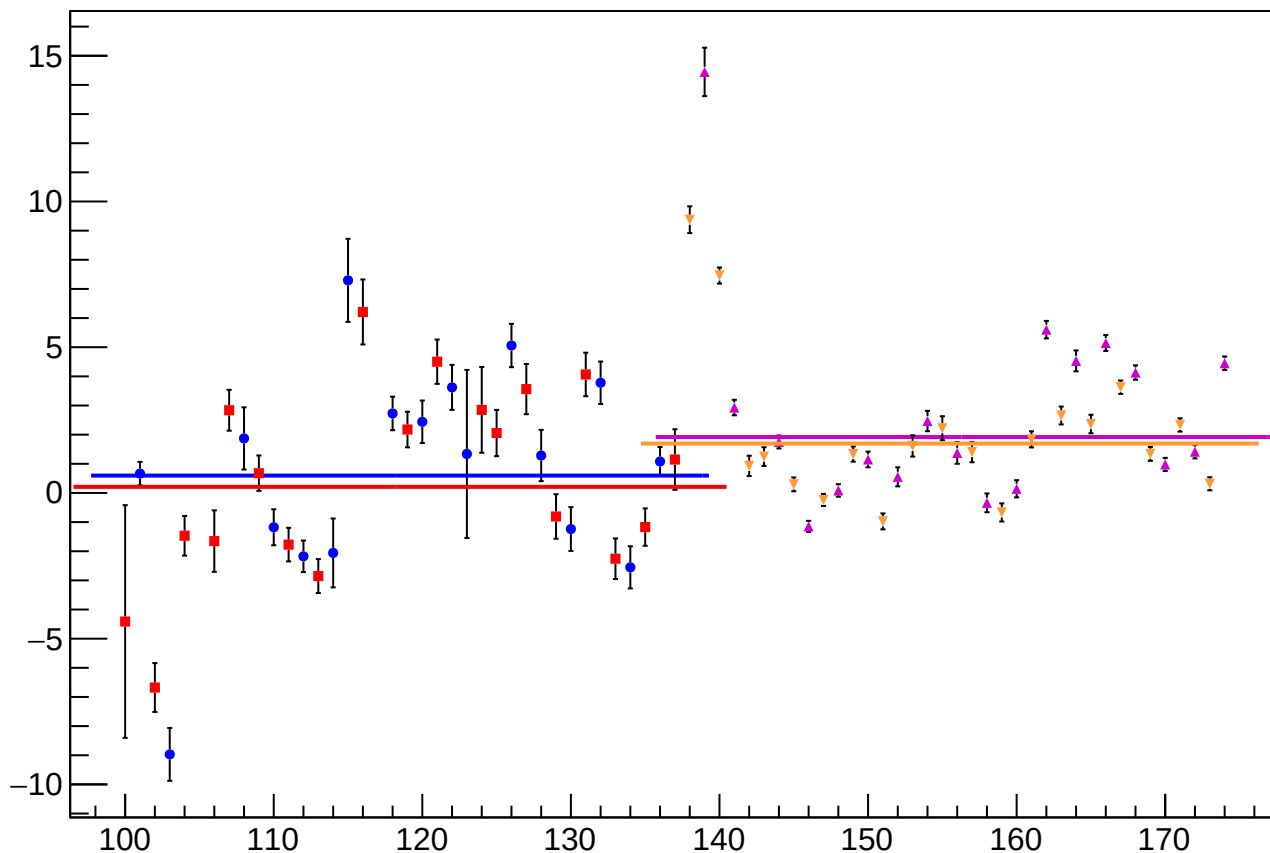
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.712+/-0.088 χ^2/NDF :3096.1/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.771+/-0.085 χ^2/NDF :3429.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.743+/-0.061 χ^2/NDF : 6525.6/36
 - 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 $\pm$ 0.169 χ^2 /NDF: 291.2/16

Left Out: 1.695 $\pm$ 0.064 χ^2 /NDF:1132.5/18

Right Out: 0.209 $\pm$ 0.175 χ^2 /NDF: 273.5/18

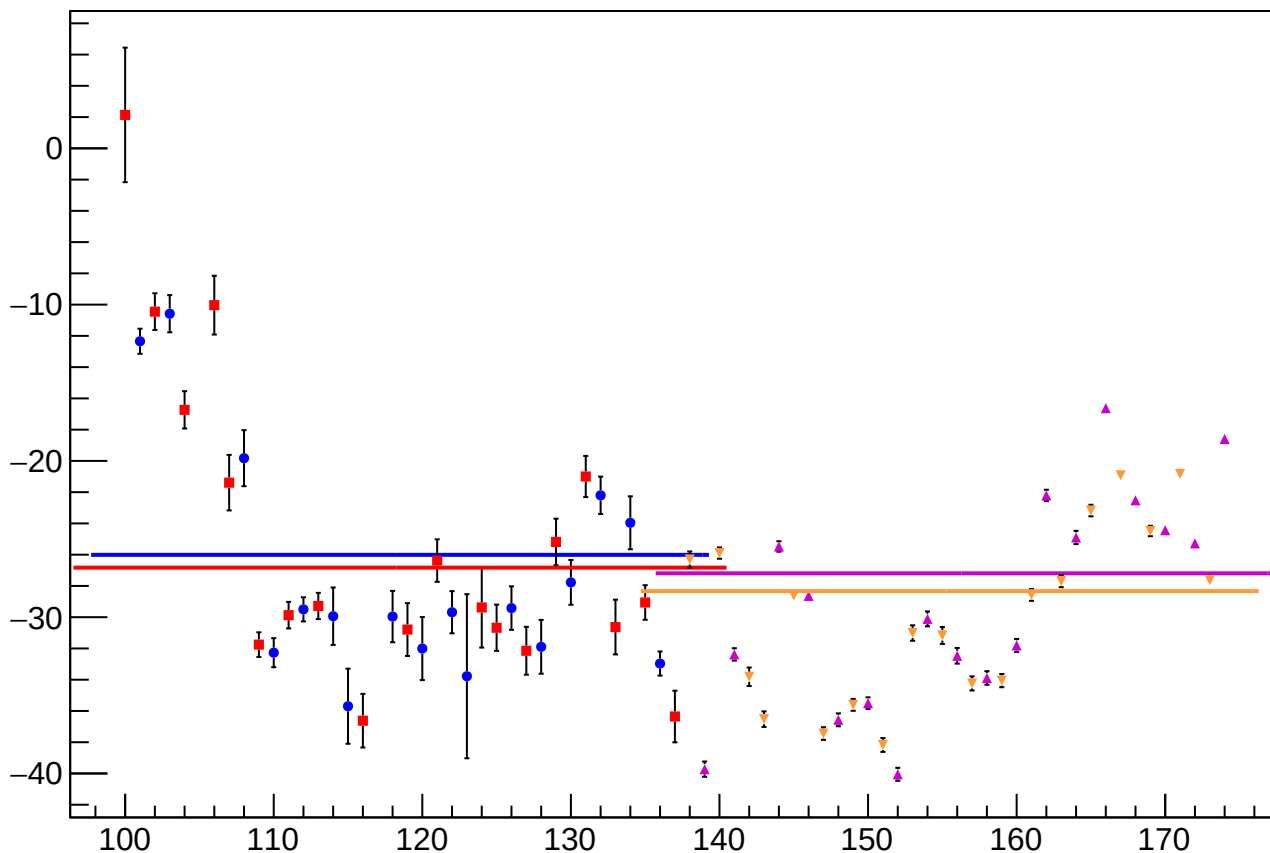
Left In: 1.919 $\pm$ 0.063 χ^2 /NDF:1252.9/17

+ sign 1.557 $\pm$ 0.060 χ^2 /NDF: 1460.6/35

All: 1.640 $\pm$ 0.042 χ^2 /NDF: 3075.5/72

- sign 1.721 $\pm$ 0.059 χ^2 /NDF: 1611.1/36

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -28.336 ± 0.088 χ^2/NDF : 3857.1/18

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

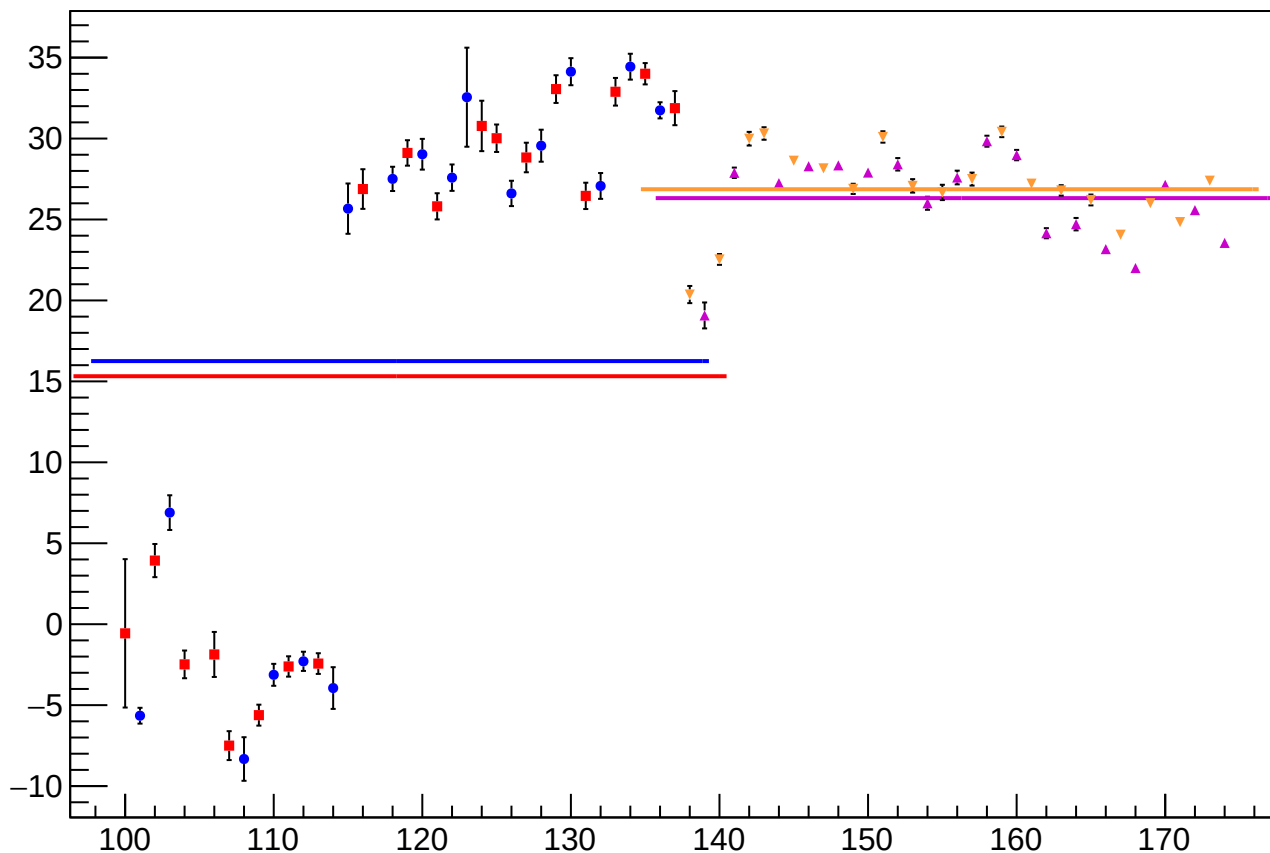
Left In: -27.193 ± 0.085 χ^2/NDF : 6034.7/17

+ sign -28.152 ± 0.084 χ^2/NDF : 4605.4/35

All: -27.643 ± 0.059 χ^2/NDF : 11293.7/72

- sign -27.165 ± 0.082 χ^2/NDF : 6617.7/36

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253 $\pm$ 0.191 χ^2/NDF : 7611.3/16

Left Out: 26.869 $\pm$ 0.073 χ^2/NDF : 925.5/18

Right Out: 15.318 $\pm$ 0.197 χ^2/NDF : 7280.1/18

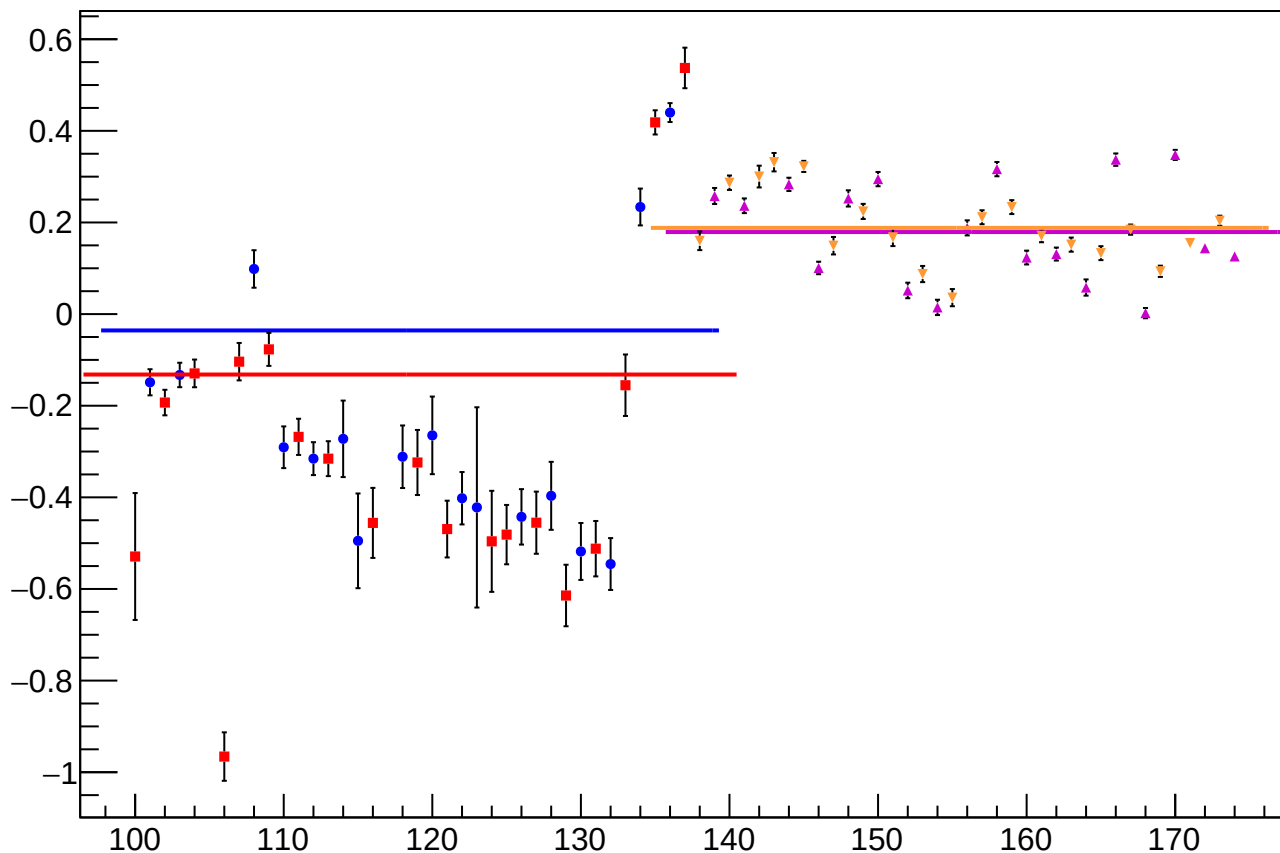
Left In: 26.320 $\pm$ 0.072 χ^2/NDF : 1026.0/17

+ sign 25.508 $\pm$ 0.068 χ^2/NDF : 11229.2/35

All: 25.258 $\pm$ 0.048 χ^2/NDF : 22310.3/72

- sign 25.013 $\pm$ 0.068 χ^2/NDF : 11054.6/36

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.188 ± 0.003 χ^2/NDF : 447.6/18

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

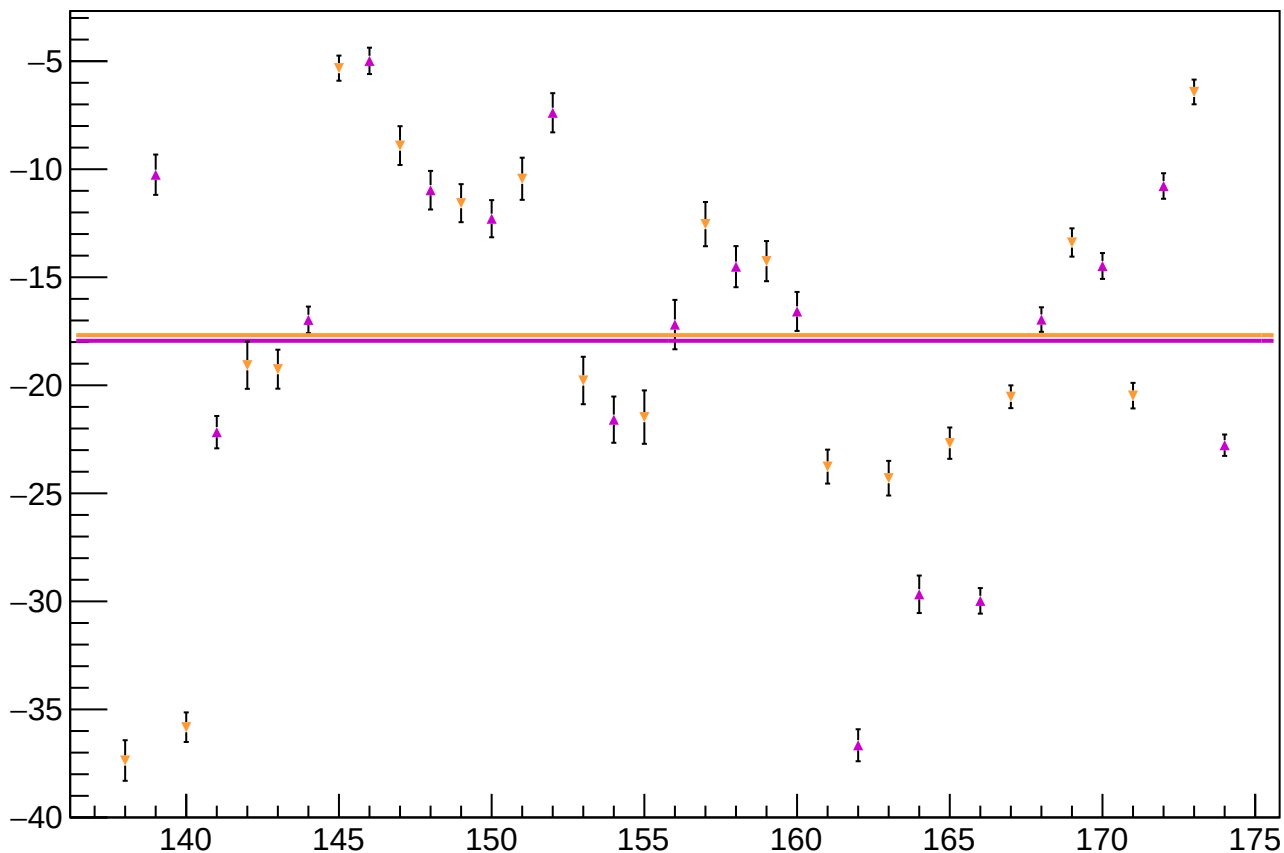
Left In: 0.179 ± 0.003 χ^2/NDF : 1147.0/17

+ sign 0.166 ± 0.003 χ^2/NDF : 1887.2/35

All: 0.158 ± 0.002 χ^2/NDF : 5035.9/72

- sign 0.150 ± 0.003 χ^2/NDF : 3136.2/36

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.679+/-0.176 χ^2/NDF : 2506.2/18

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

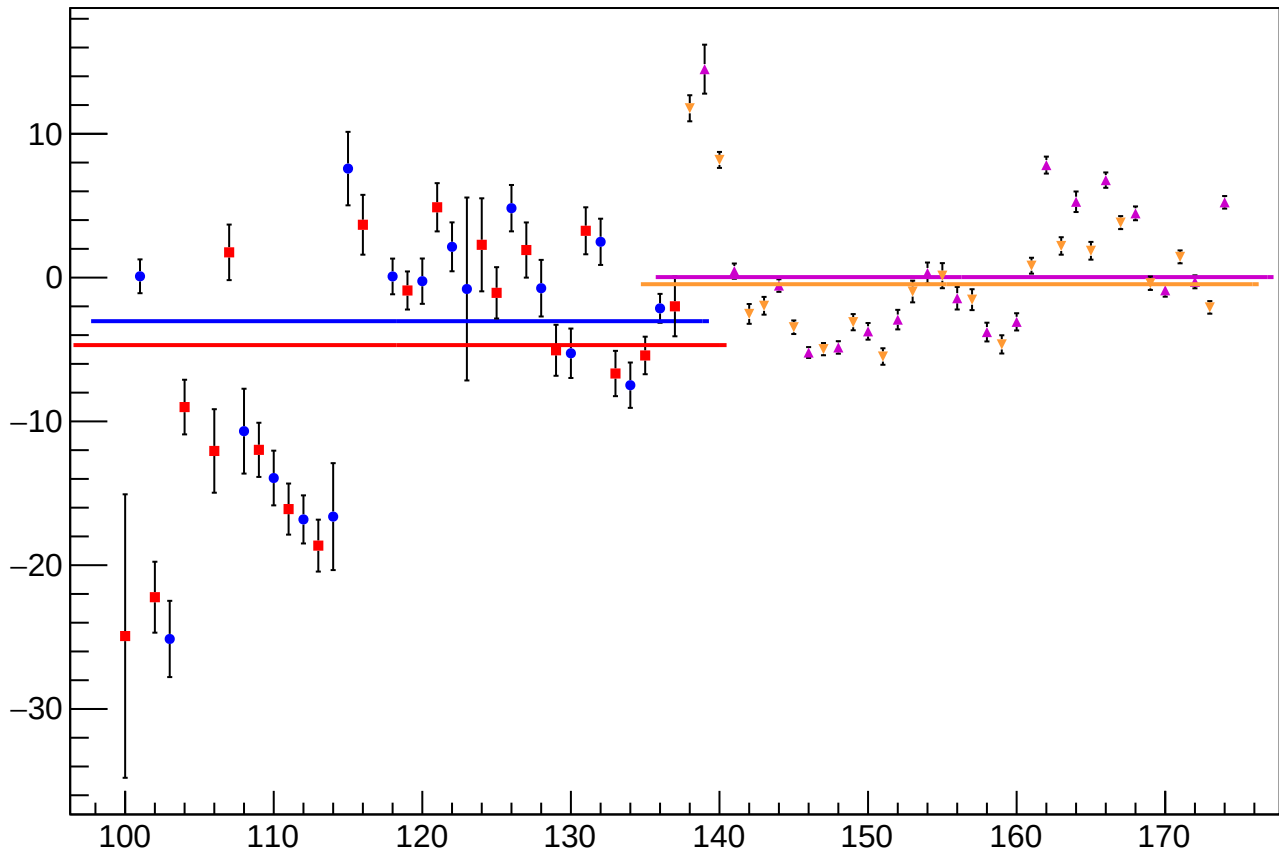
Left In: -17.941+/-0.169 χ^2/NDF : 2333.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.815+/-0.122 χ^2/NDF : 4841.0/36

- 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: -0.459 ± 0.128 χ^2/NDF : 897.7/18

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

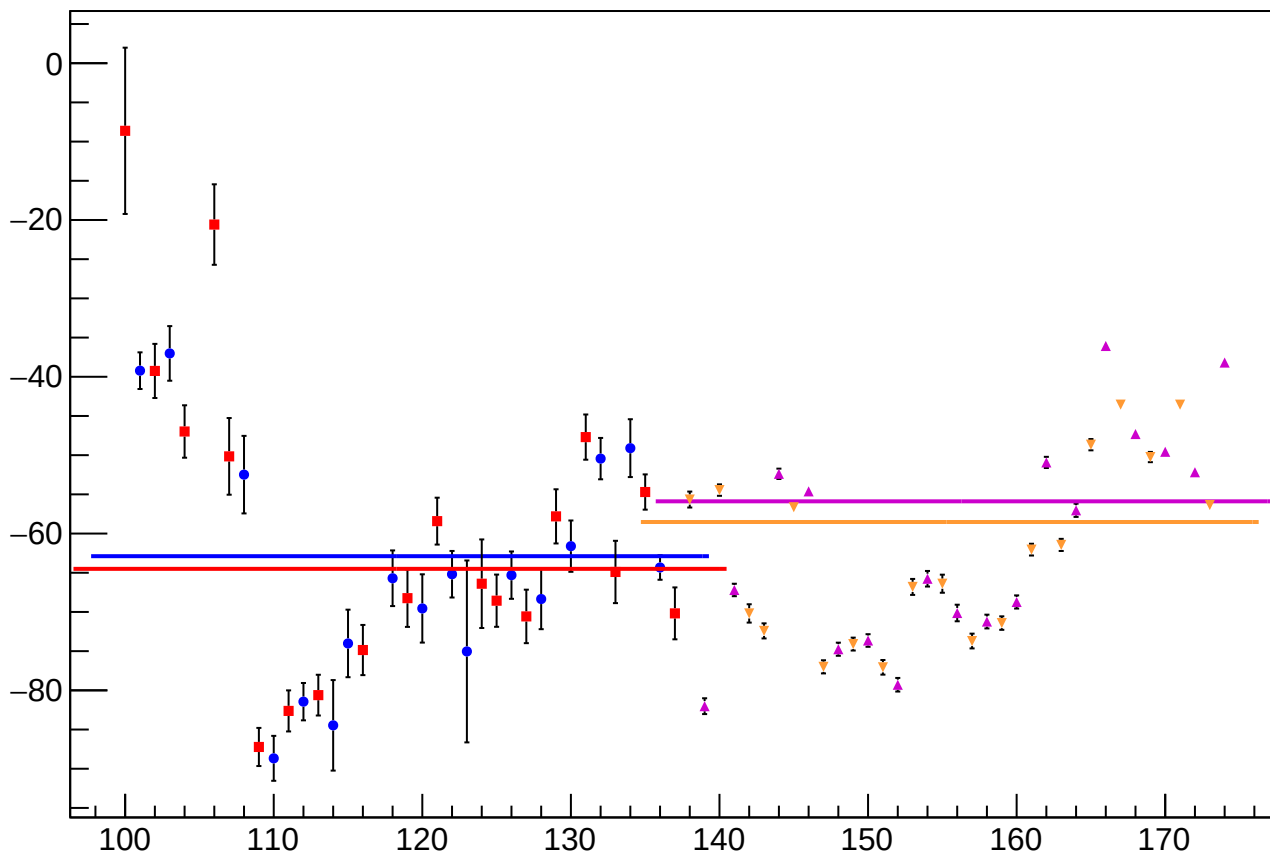
Left In: 0.035 ± 0.126 χ^2/NDF : 1139.5/17

+ sign -0.690 ± 0.122 χ^2/NDF : 1214.7/35

All: -0.515 ± 0.086 χ^2/NDF : 2769.6/72

- sign -0.343 ± 0.121 χ^2/NDF : 1550.8/36

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -58.525 ± 0.176 χ^2/NDF : 3991.1/18

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

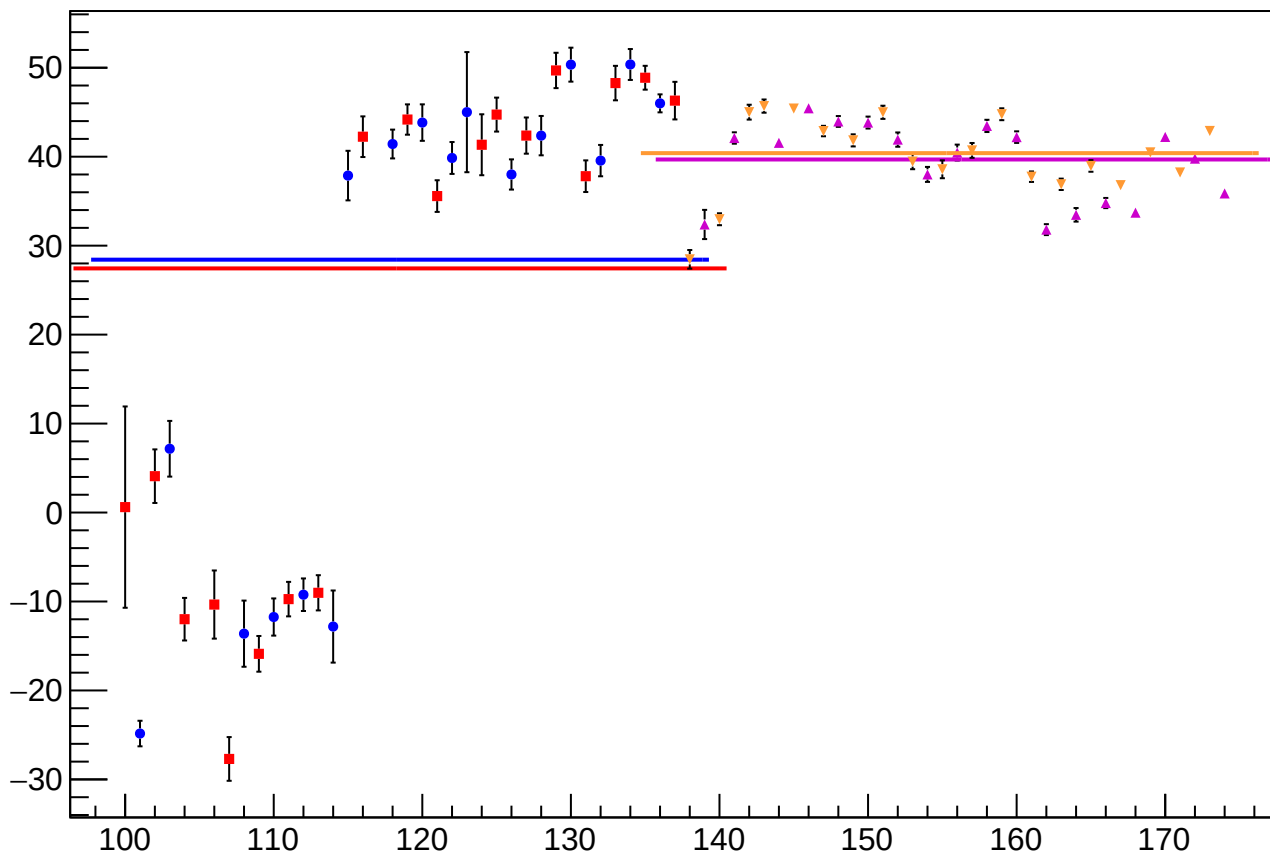
Left In: -55.889 ± 0.169 χ^2/NDF : 6039.9/17

+ sign -58.760 ± 0.171 χ^2/NDF : 4392.8/35

All: -57.490 ± 0.119 χ^2/NDF : 11108.3/72

- sign -56.306 ± 0.165 χ^2/NDF : 6609.0/36

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 ± 0.457 χ^2/NDF : 3330.3/16

Left Out: 40.400 ± 0.147 χ^2/NDF : 681.0/18

Right Out: 27.441 ± 0.479 χ^2/NDF : 3033.0/18

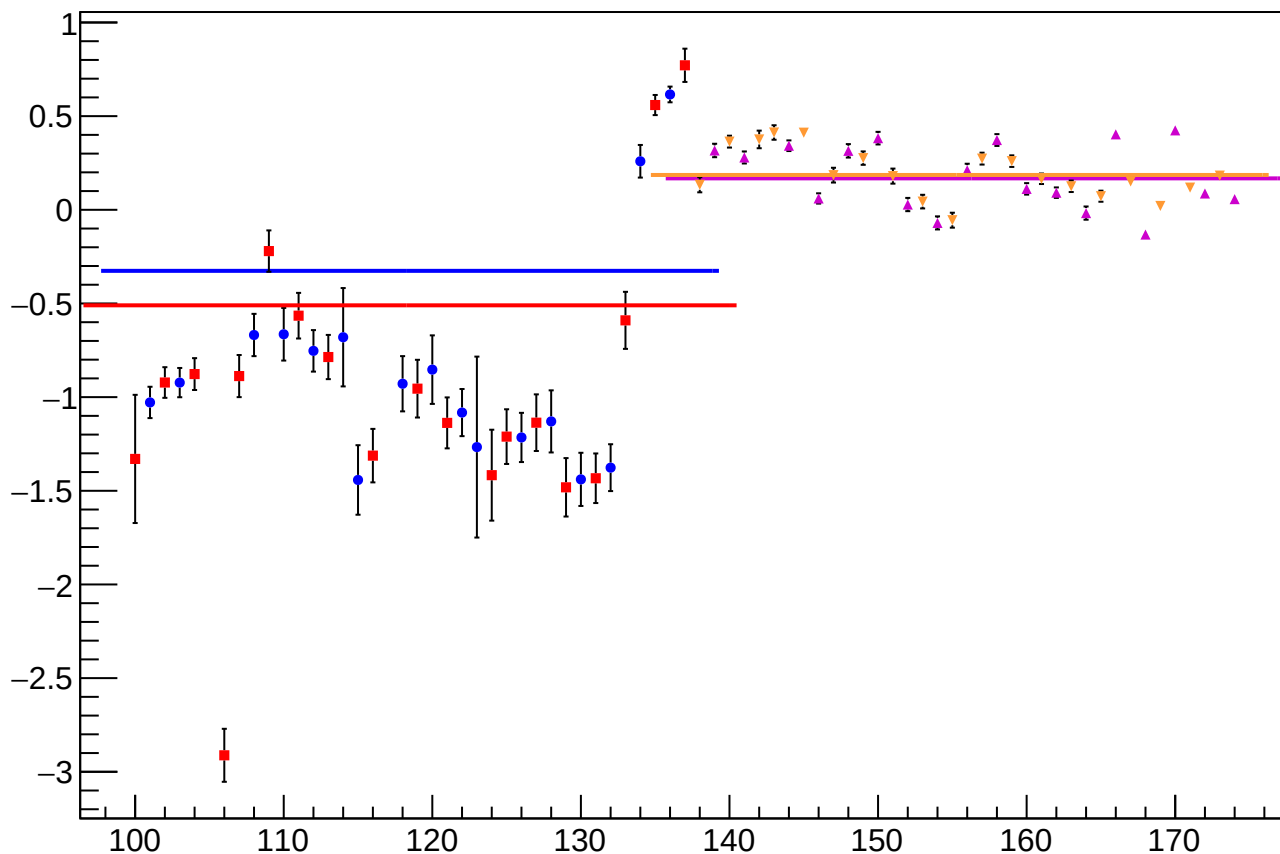
Left In: 39.686 ± 0.144 χ^2/NDF : 852.9/17

+ sign 39.283 ± 0.140 χ^2/NDF : 4633.6/35

All: 38.973 ± 0.098 χ^2/NDF : 9129.4/72

- sign 38.669 ± 0.138 χ^2/NDF : 4486.0/36

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 $\chi^2/\text{NDF}: 1013.0/16$

Left Out: 0.186 ± 0.007 $\chi^2/\text{NDF}: 321.0/18$

Right Out: -0.510 ± 0.026 $\chi^2/\text{NDF}: 1169.4/18$

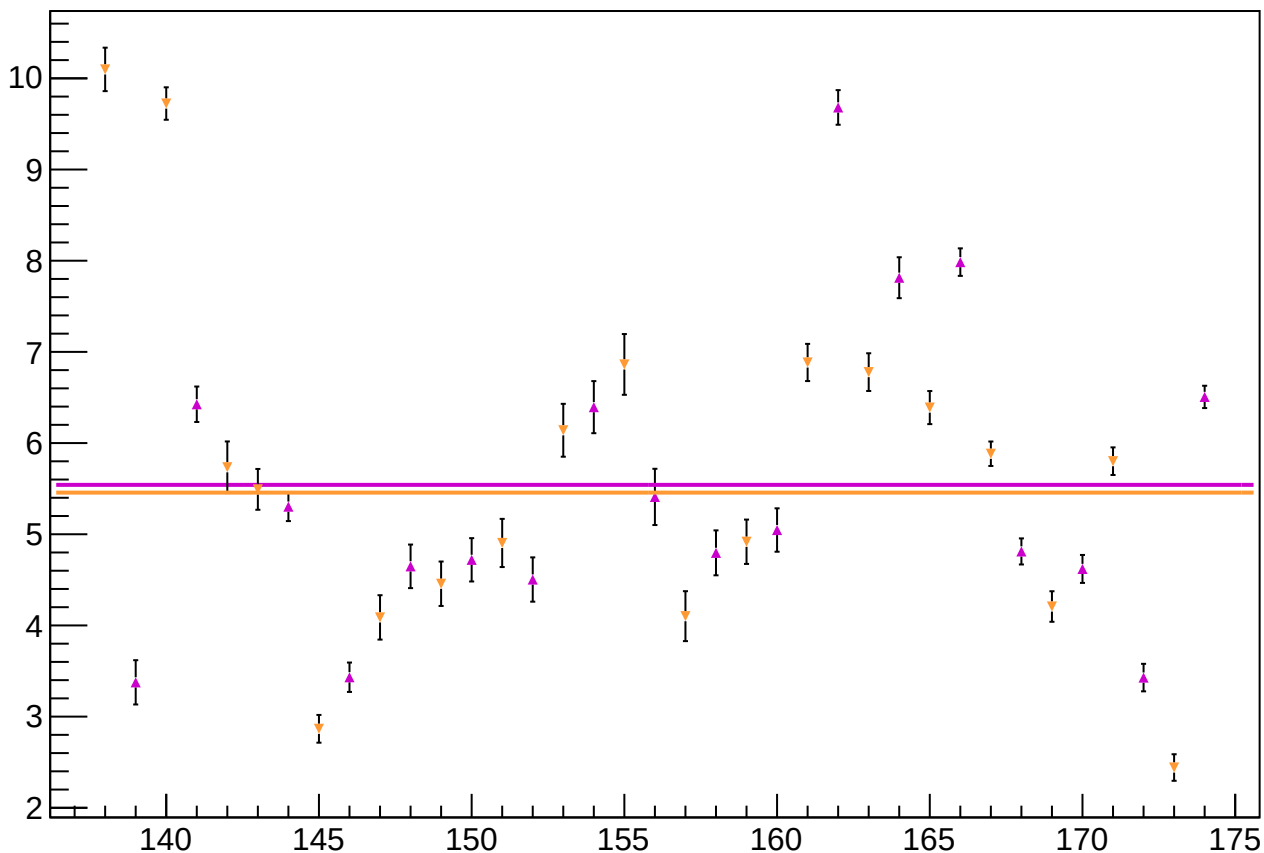
Left In: 0.168 ± 0.007 $\chi^2/\text{NDF}: 735.6/17$

+ sign 0.150 ± 0.007 $\chi^2/\text{NDF}: 1727.3/35$

All: 0.138 ± 0.005 $\chi^2/\text{NDF}: 4291.8/72$

- sign 0.126 ± 0.006 $\chi^2/\text{NDF}: 2557.3/36$

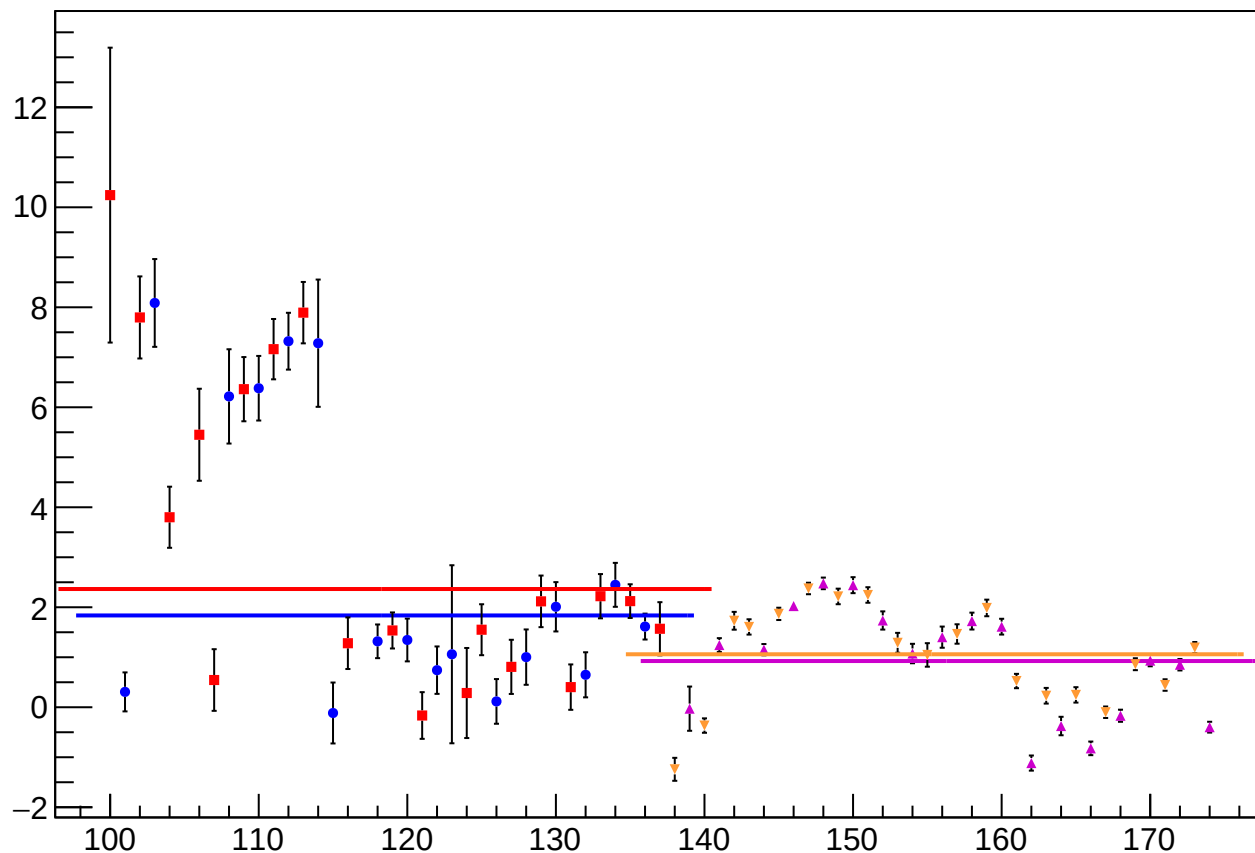
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.457 $\pm$ 0.045 χ^2 /NDF:1966.2/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.542 $\pm$ 0.044 χ^2 /NDF:1501.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.501 $\pm$ 0.031 χ^2 /NDF: 3469.3/36
 - sign 0.000 $\pm$ 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: 1.060 ± 0.033 χ^2/NDF : 753.2/18

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

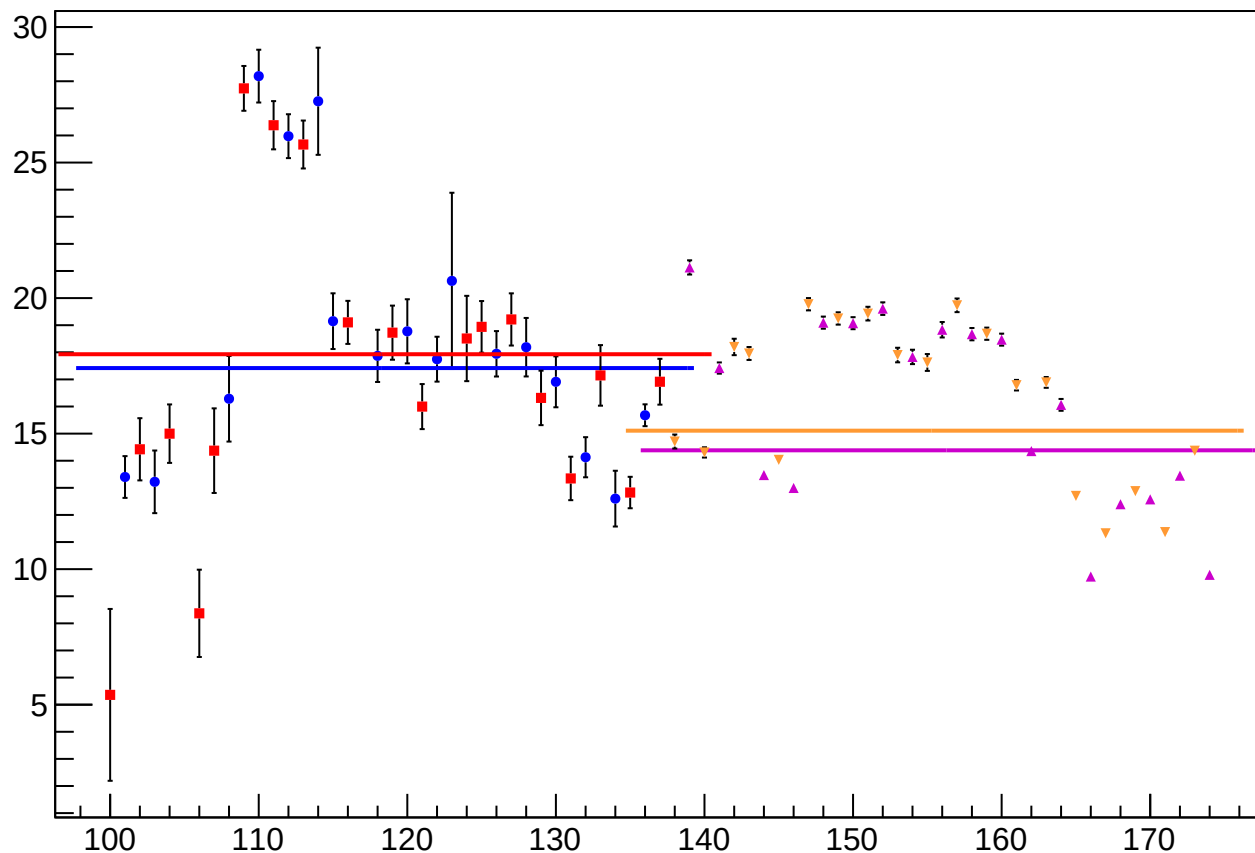
Left In: 0.924 ± 0.033 χ^2/NDF : 1103.9/17

+ sign 1.119 ± 0.032 χ^2/NDF : 1089.4/35

All: 1.068 ± 0.022 χ^2/NDF : 2663.5/72

- sign 1.019 ± 0.031 χ^2/NDF : 1569.2/36

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418 $\pm$ 0.212 χ^2 /NDF: 366.8/16

Left Out: 15.109 $\pm$ 0.046 χ^2 /NDF: 4012.5/18

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

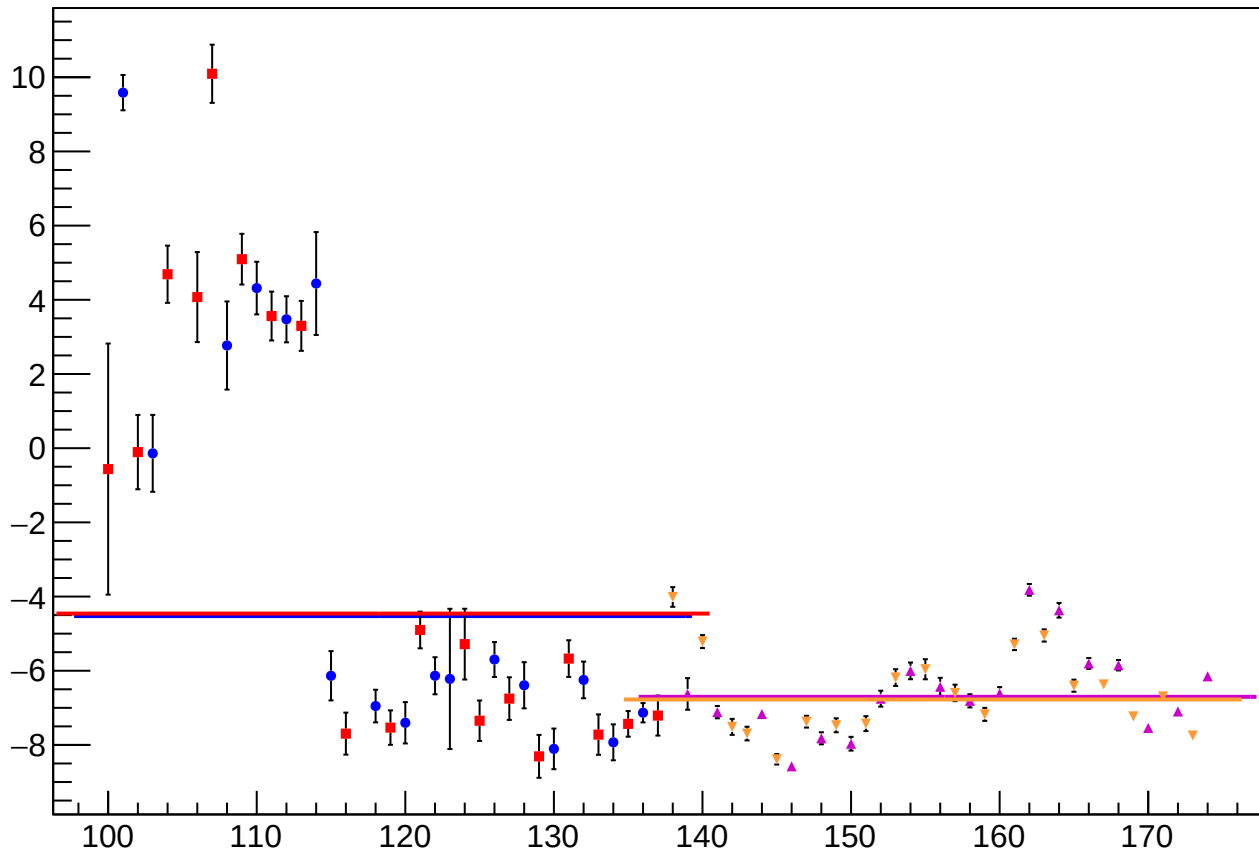
Left In: 14.384 $\pm$ 0.044 χ^2 /NDF: 6025.5/17

+ sign 15.211 $\pm$ 0.045 χ^2 /NDF: 4493.0/35

All: 14.853 $\pm$ 0.031 χ^2 /NDF: 11401.5/72

- sign 14.520 $\pm$ 0.043 χ^2 /NDF: 6784.0/36

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -6.775 ± 0.038 χ^2/NDF : 710.1/18

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

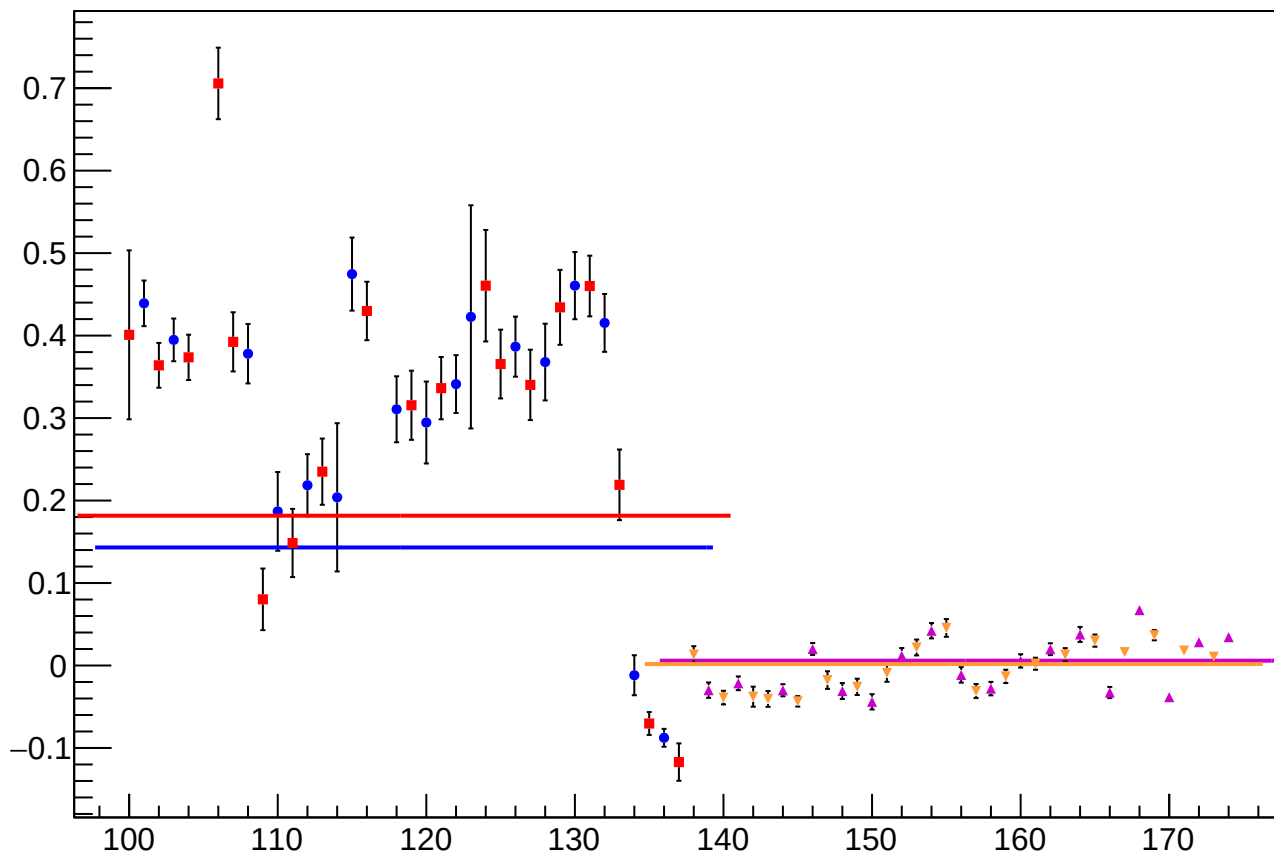
Left In: -6.703 ± 0.037 χ^2/NDF : 978.8/17

+ sign -6.596 ± 0.036 χ^2/NDF : 2577.8/35

All: -6.572 ± 0.026 χ^2/NDF : 5146.3/72

- sign -6.548 ± 0.036 χ^2/NDF : 2567.6/36

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1060.4/16$

Left Out: 0.002 ± 0.002 $\chi^2/\text{NDF}: 225.0/18$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

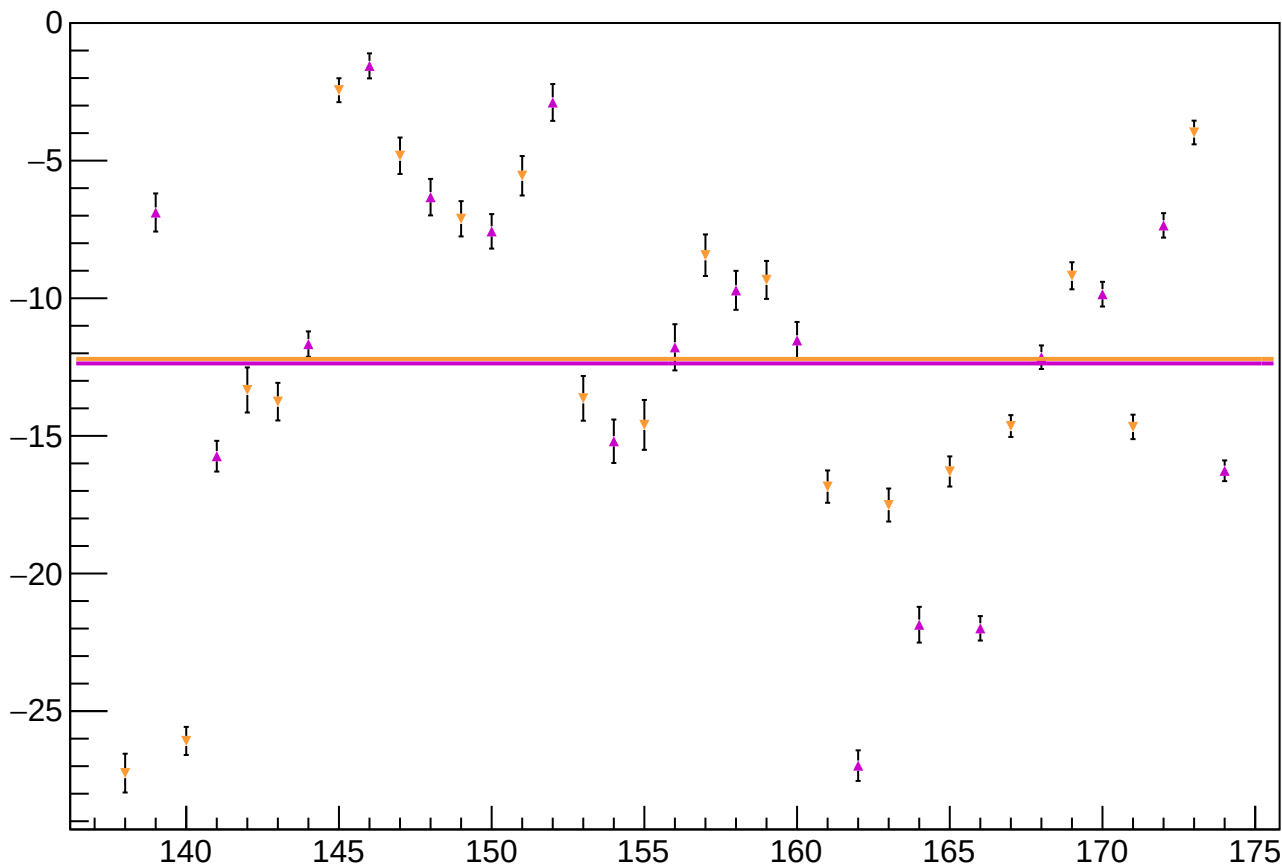
Left In: 0.006 ± 0.002 $\chi^2/\text{NDF}: 419.1/17$

+ sign 0.010 ± 0.002 $\chi^2/\text{NDF}: 1663.8/35$

All: 0.012 ± 0.001 $\chi^2/\text{NDF}: 3632.4/72$

- sign 0.015 ± 0.002 $\chi^2/\text{NDF}: 1964.7/36$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -12.203+/-0.131 χ^2/NDF : 2702.3/18

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

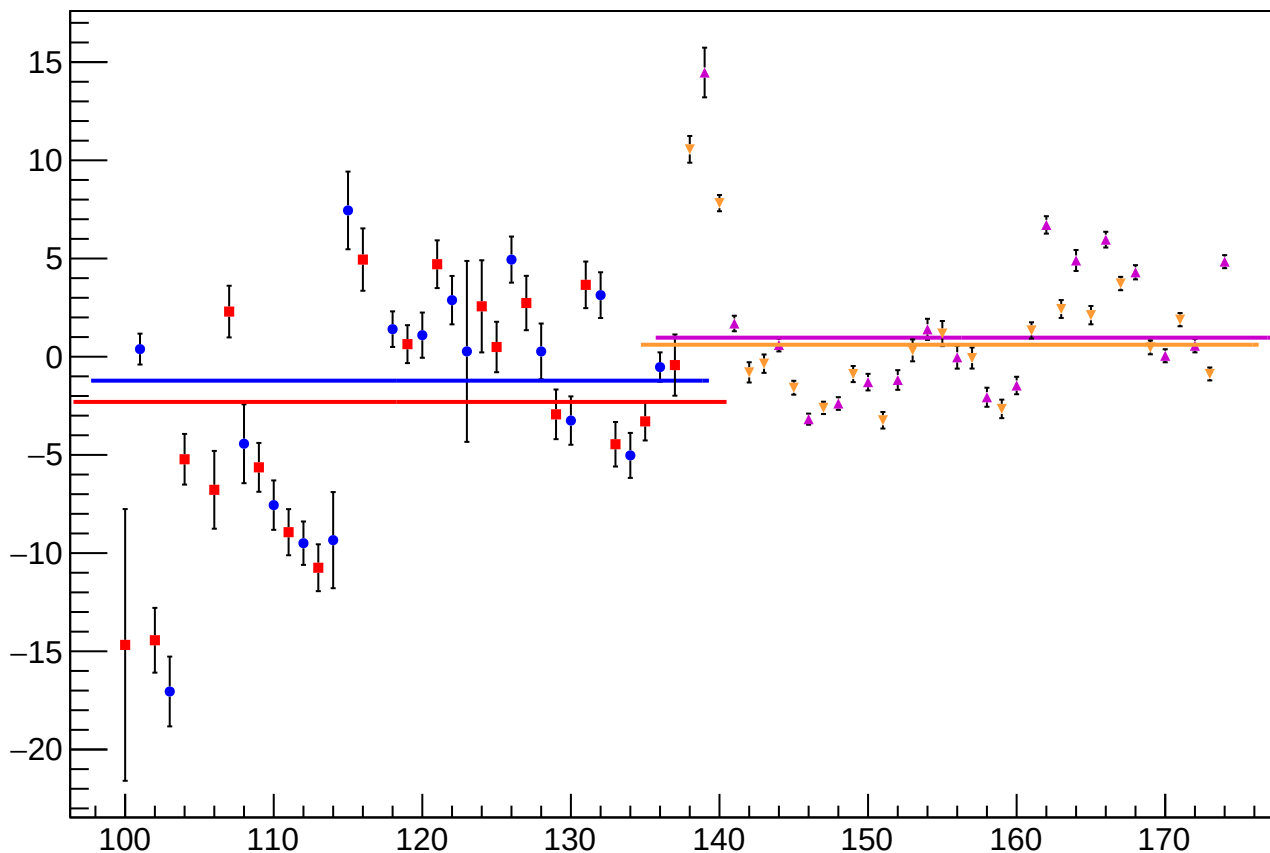
Left In: -12.368+/-0.127 χ^2/NDF : 2678.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.288+/-0.091 χ^2/NDF : 5382.0/36

- 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 $\chi^2/\text{NDF}: 278.6/16$

Left Out: 0.610 ± 0.095 $\chi^2/\text{NDF}: 966.6/18$

Right Out: -2.302 ± 0.302 $\chi^2/\text{NDF}: 286.2/18$

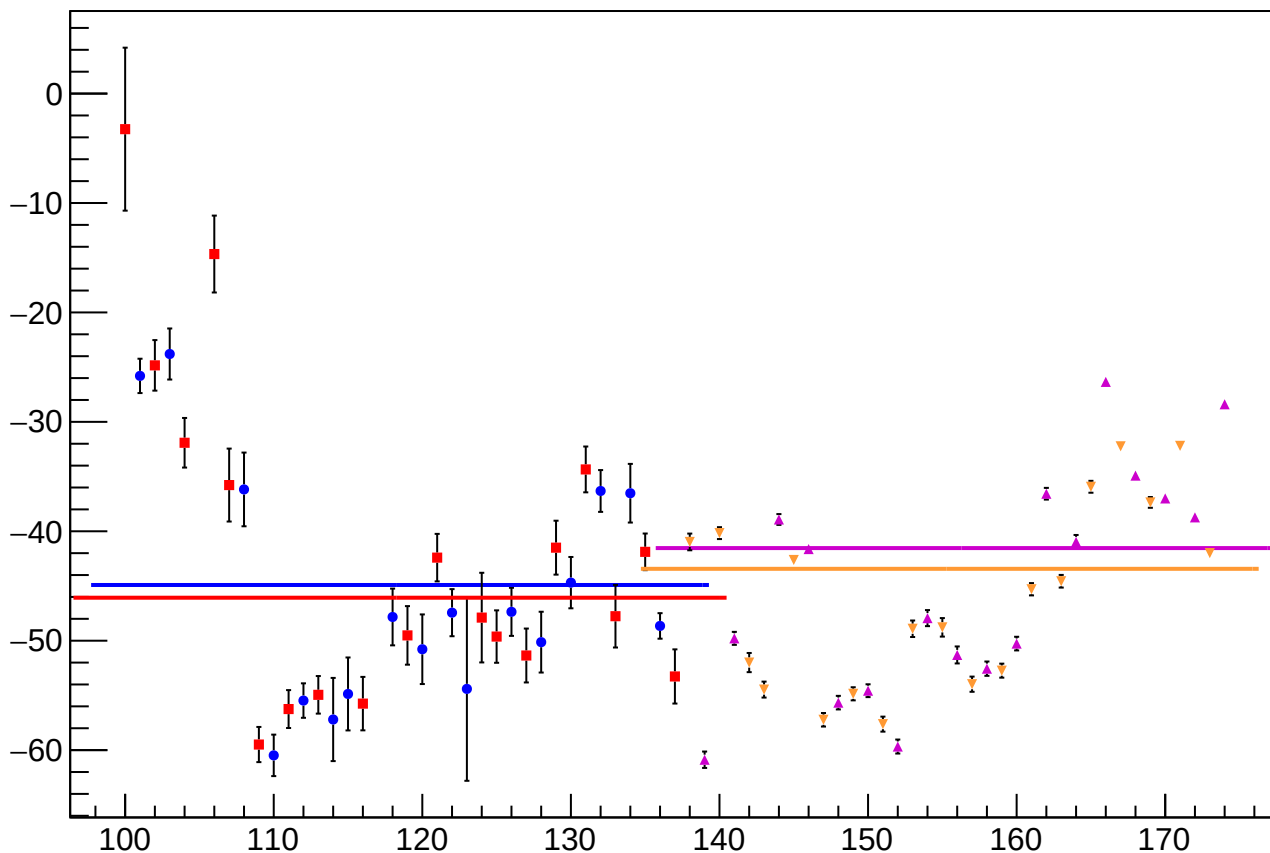
Left In: 0.969 ± 0.094 $\chi^2/\text{NDF}: 1167.0/17$

+ sign 0.431 ± 0.091 $\chi^2/\text{NDF}: 1281.1/35$

All: 0.557 ± 0.064 $\chi^2/\text{NDF}: 2844.8/72$

- sign 0.680 ± 0.090 $\chi^2/\text{NDF}: 1559.9/36$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -43.431 ± 0.131 χ^2/NDF : 3958.9/18

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

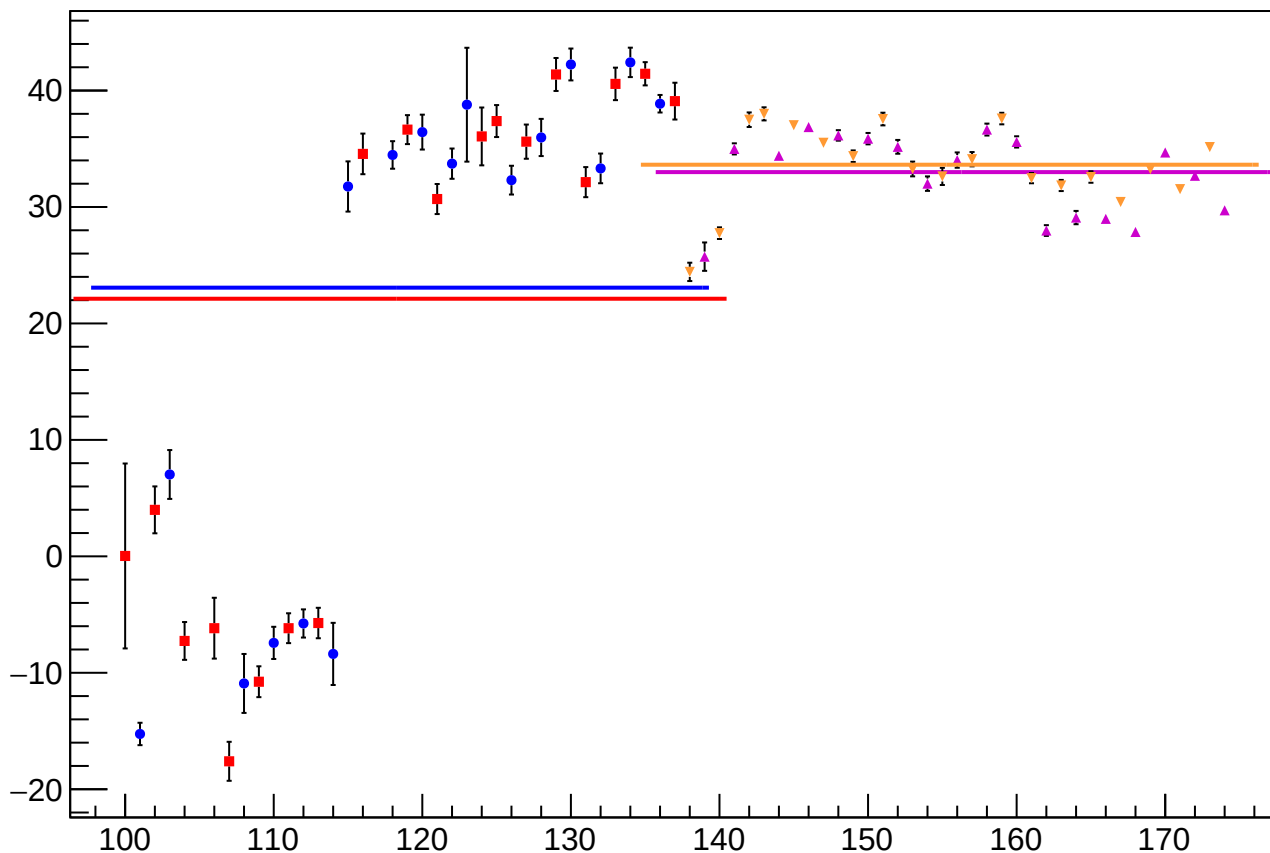
Left In: -41.536 ± 0.127 χ^2/NDF : 6038.6/17

+ sign -43.519 ± 0.127 χ^2/NDF : 4387.6/35

All: -42.621 ± 0.089 χ^2/NDF : 11045.8/72

- sign -41.782 ± 0.123 χ^2/NDF : 6562.3/36

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 33.631 $\pm$ 0.109 χ^2 /NDF: 731.3/18

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

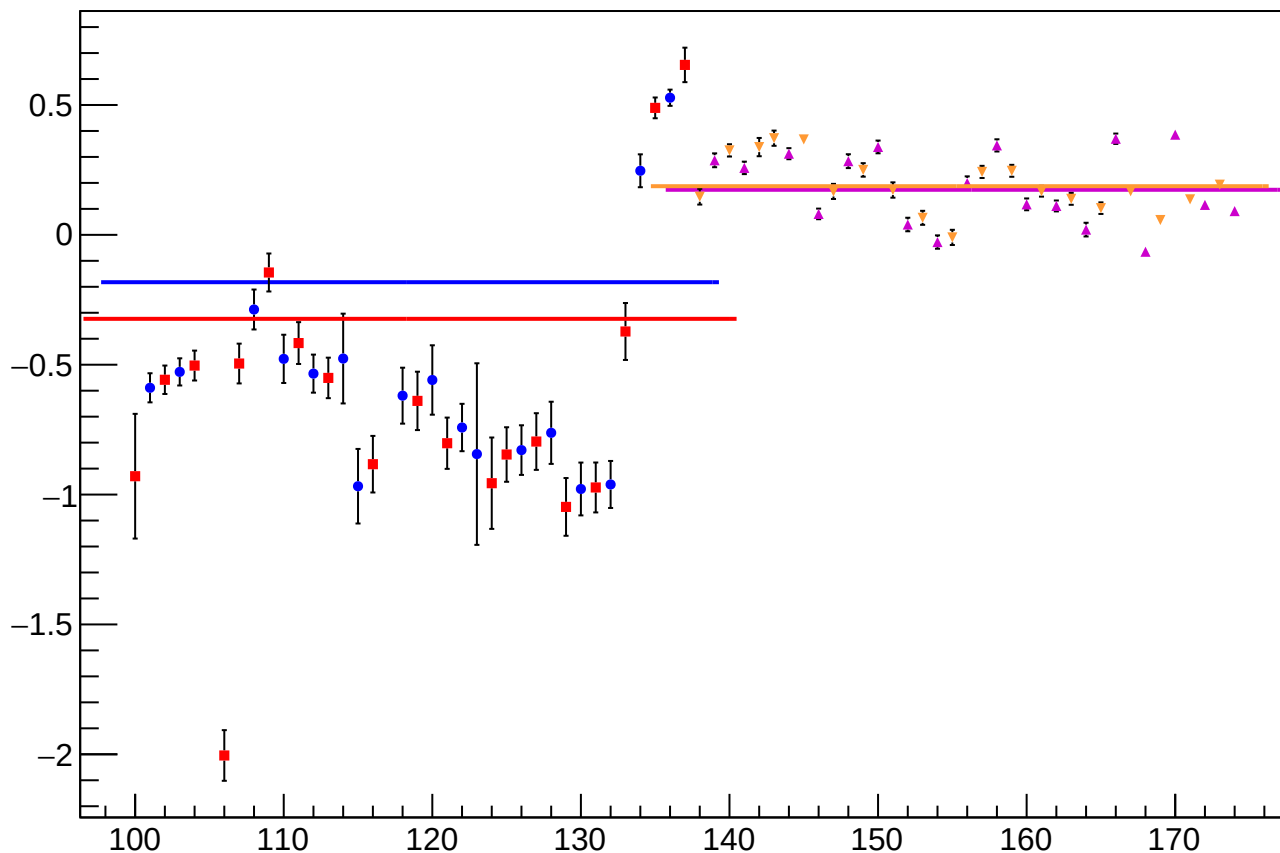
Left In: 32.996 $\pm$ 0.108 χ^2 /NDF: 875.7/17

+ sign 32.561 $\pm$ 0.104 χ^2 /NDF: 6019.9/35

All: 32.280 $\pm$ 0.073 χ^2 /NDF: 11874.7/72

- sign 32.004 $\pm$ 0.103 χ^2 /NDF: 5840.2/36

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.187 ± 0.005 χ^2/NDF : 360.7/18

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

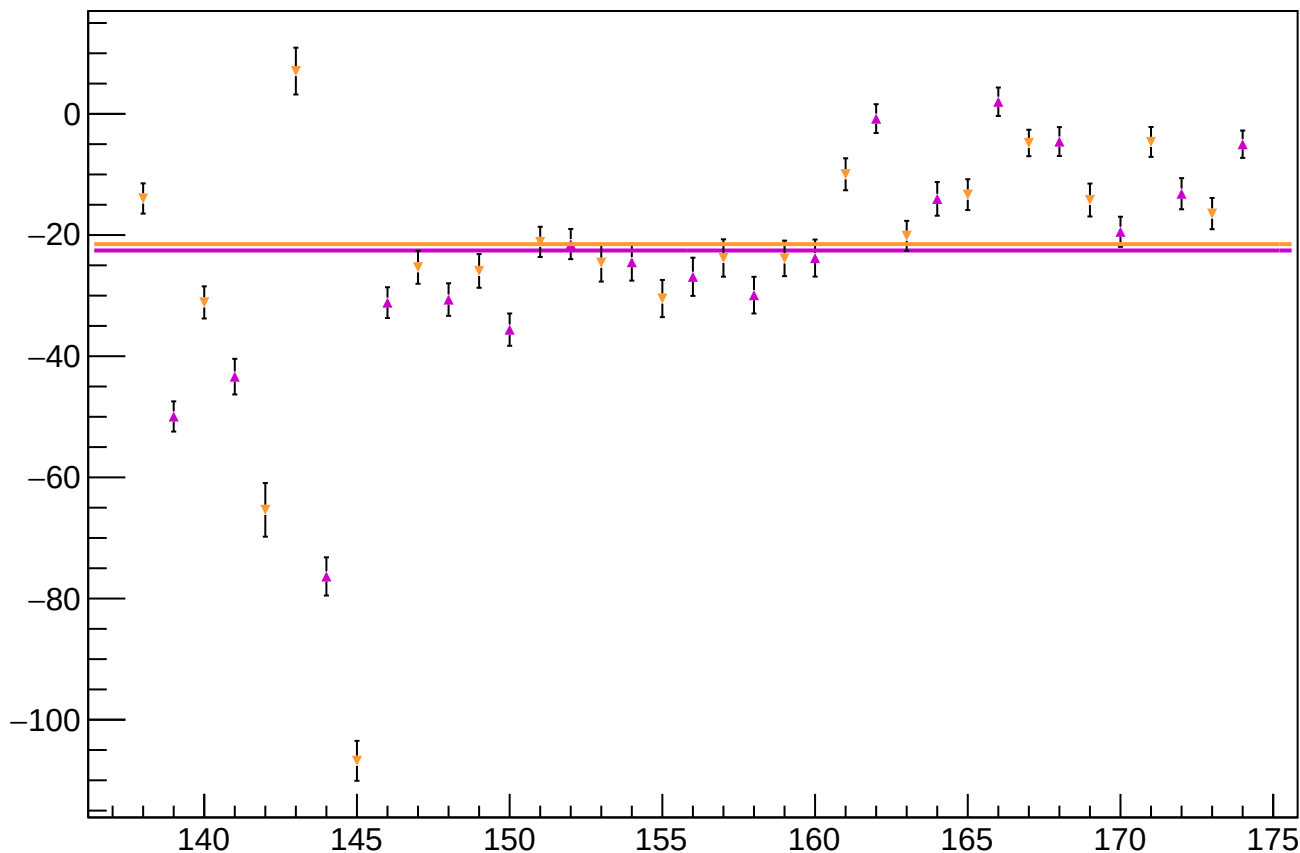
Left In: 0.174 ± 0.005 χ^2/NDF : 865.3/17

+ sign 0.159 ± 0.005 χ^2/NDF : 1760.5/35

All: 0.149 ± 0.003 χ^2/NDF : 4515.8/72

- sign 0.139 ± 0.005 χ^2/NDF : 2746.7/36

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -21.499 $\pm$ 0.634 χ^2 /NDF:1005.5/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

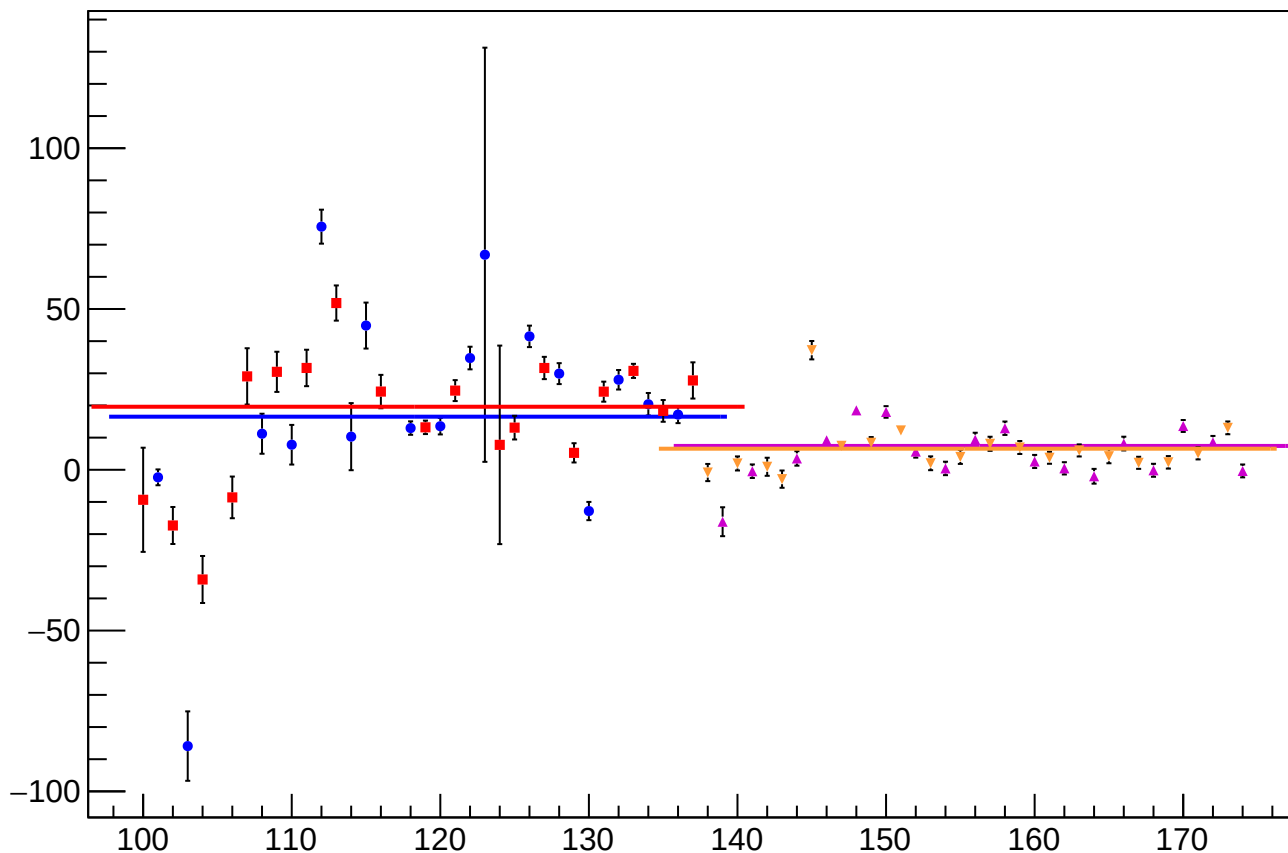
Left In: -22.550 $\pm$ 0.624 χ^2 /NDF:849.8/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.033 $\pm$ 0.445 χ^2 /NDF: 1856.6/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 ± 0.847 χ^2/NDF : 519.6/16

Left Out: 6.554 ± 0.452 χ^2/NDF : 192.3/18

Right Out: 19.604 ± 0.898 χ^2/NDF : 242.0/18

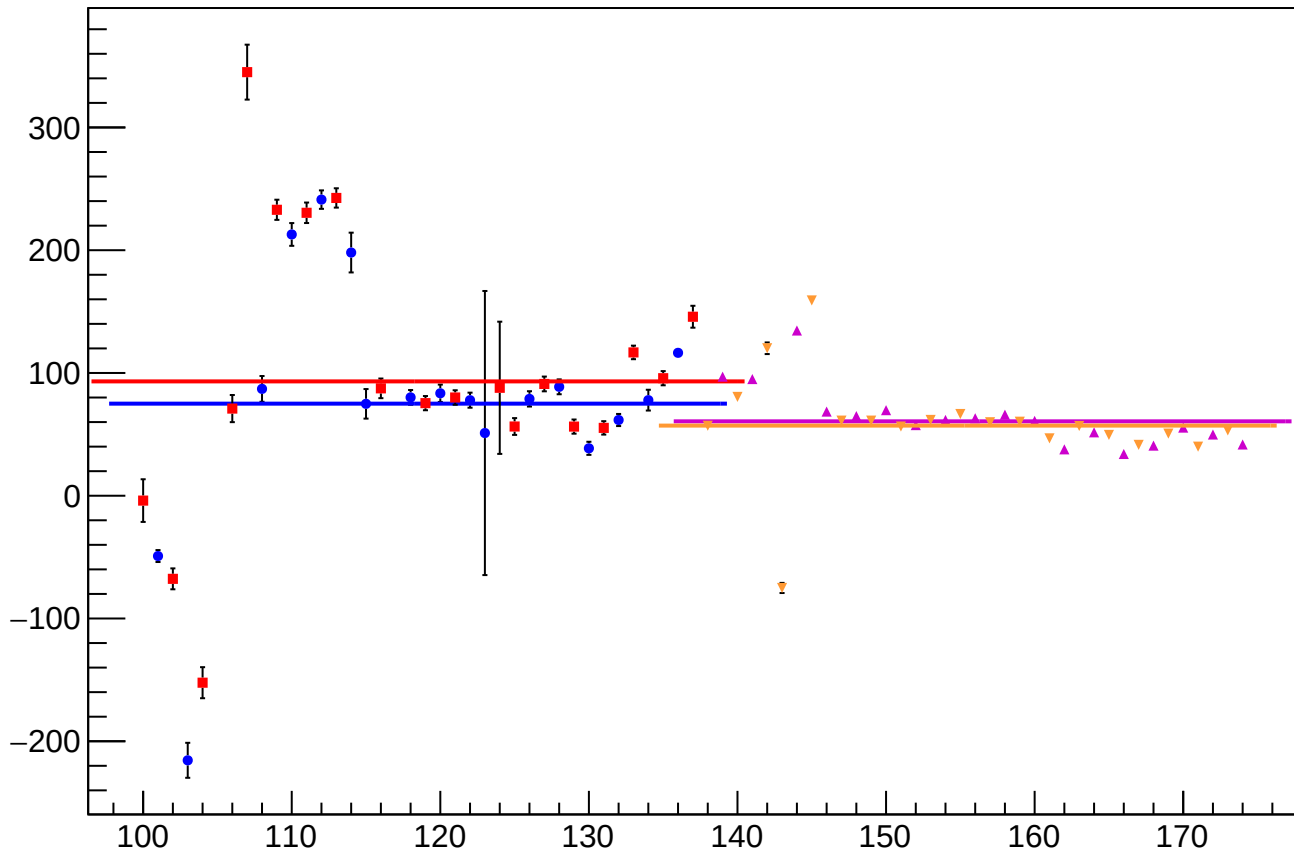
Left In: 7.417 ± 0.460 χ^2/NDF : 247.9/17

+ sign 8.763 ± 0.399 χ^2/NDF : 819.3/35

All: 9.340 ± 0.286 χ^2/NDF : 1459.4/72

- sign 9.947 ± 0.409 χ^2/NDF : 635.7/36

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2/NDF : 1999.3/16

Left Out: 57.130+/-0.626 χ^2/NDF : 2311.5/18

Right Out: 93.140+/-1.711 χ^2/NDF : 2002.3/18

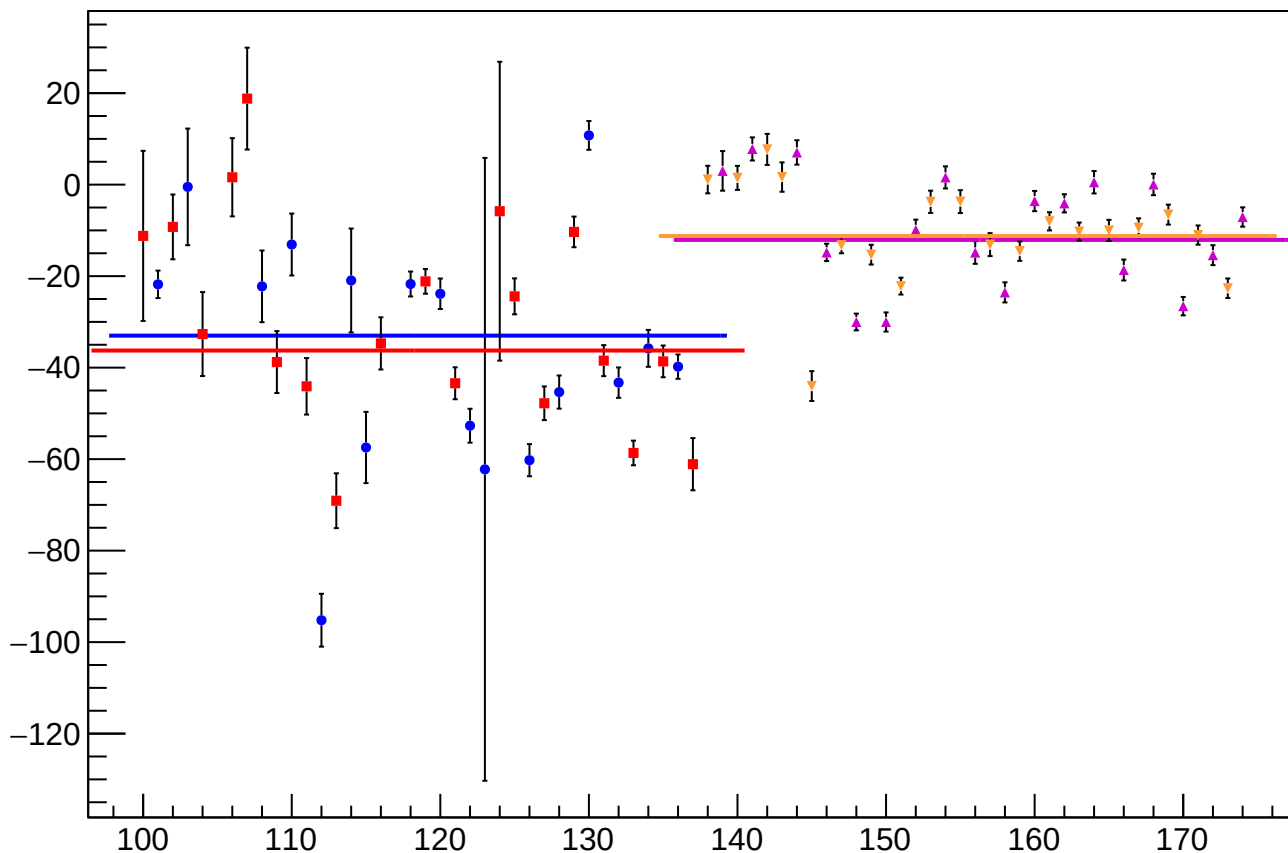
Left In: 60.605+/-0.616 χ^2/NDF : 1199.4/17

+ sign 59.411+/-0.584 χ^2/NDF : 4415.0/35

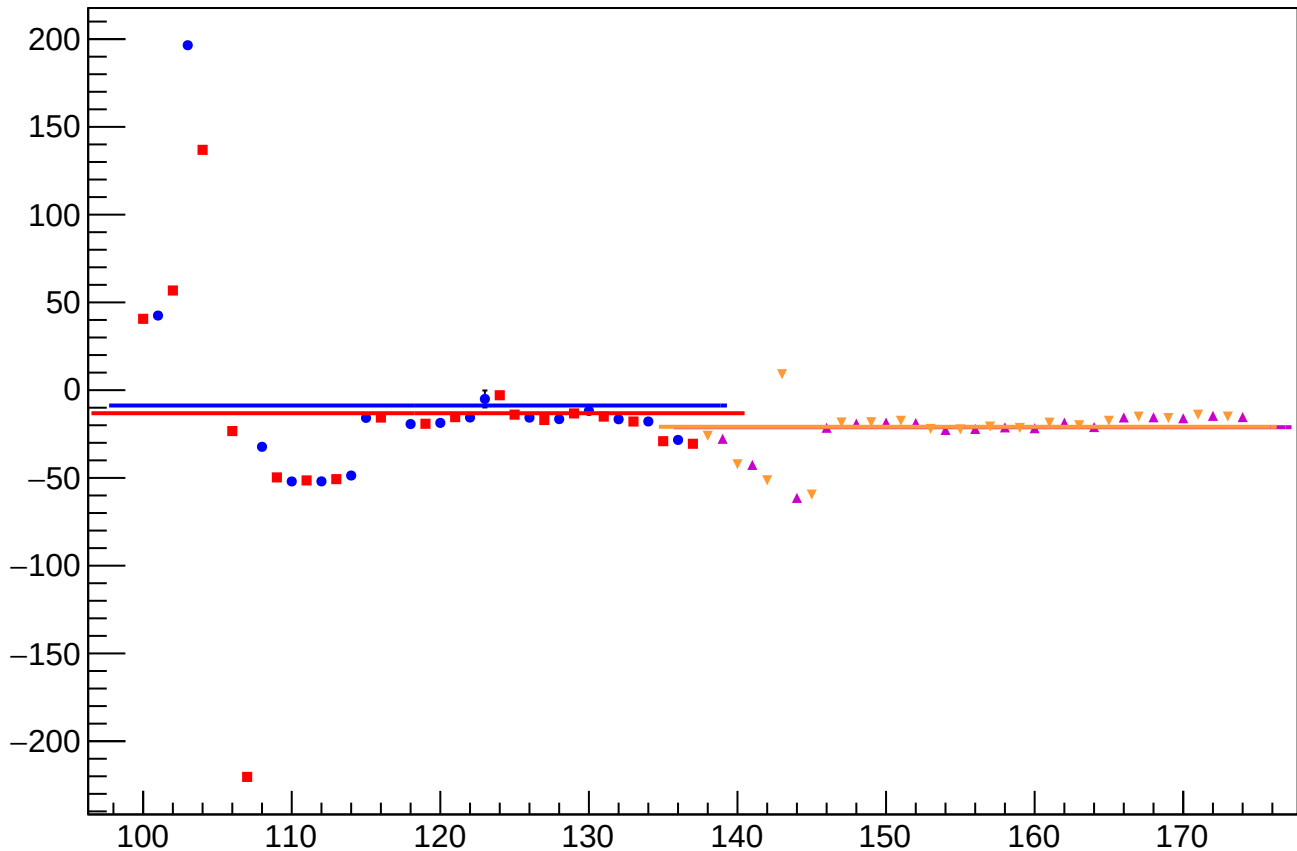
All: 61.895+/-0.412 χ^2/NDF : 7972.6/72

- sign 64.342+/-0.580 χ^2/NDF : 3521.7/36

reg_asym_atl1_diff_bpm4eY_slope vs Slug



reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 χ^2/NDF : 576012.4/16

Left Out: -20.862 ± 0.024 χ^2/NDF : 193304.5/18

Right Out: -13.143 ± 0.062 χ^2/NDF : 558628.0/18

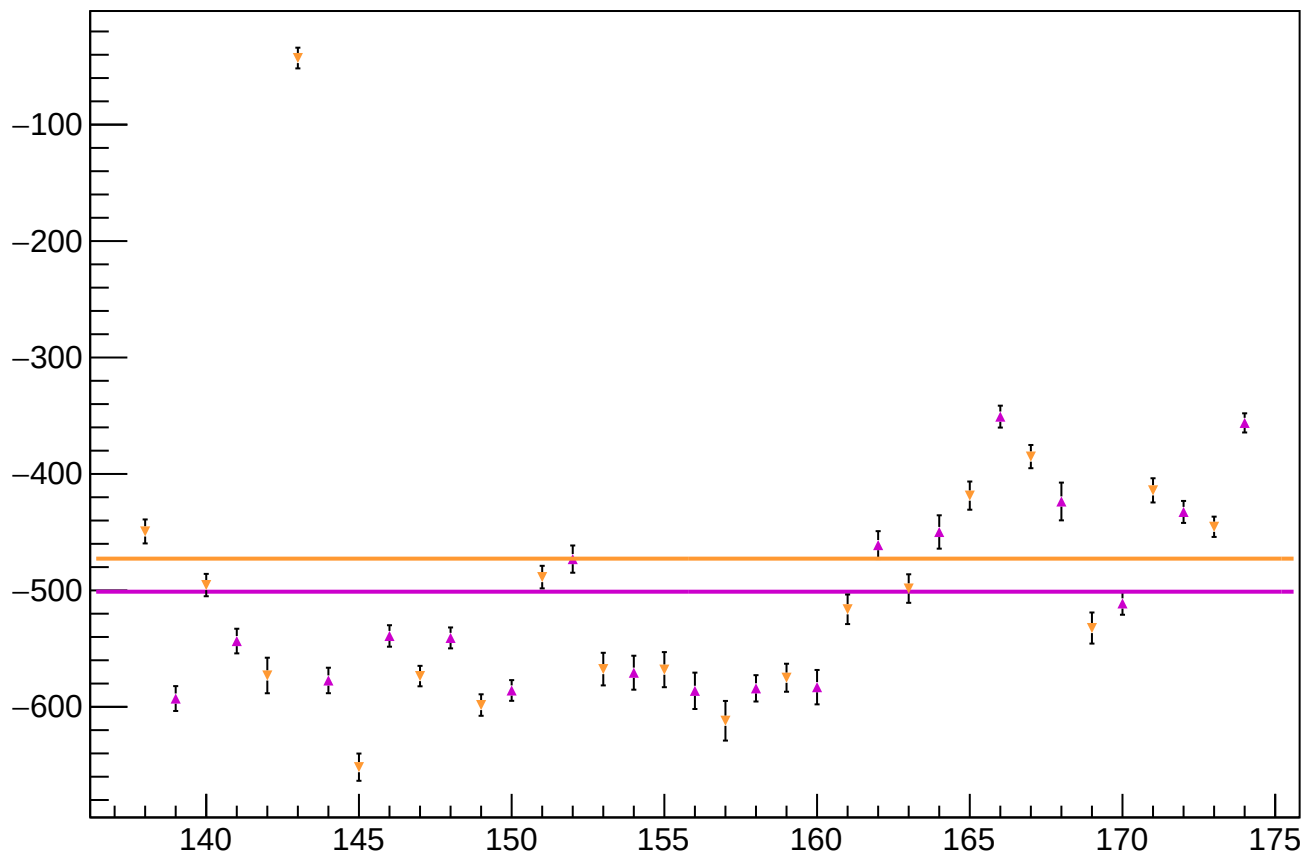
Left In: -21.114 ± 0.024 χ^2/NDF : 129733.7/17

+ sign -19.102 ± 0.022 χ^2/NDF : 805566.9/35

All: -19.593 ± 0.016 χ^2/NDF : 1509388.2/72

- sign -20.078 ± 0.022 χ^2/NDF : 702867.6/36

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -472.717+/-2.520 χ^2/NDF :3342.1/18

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

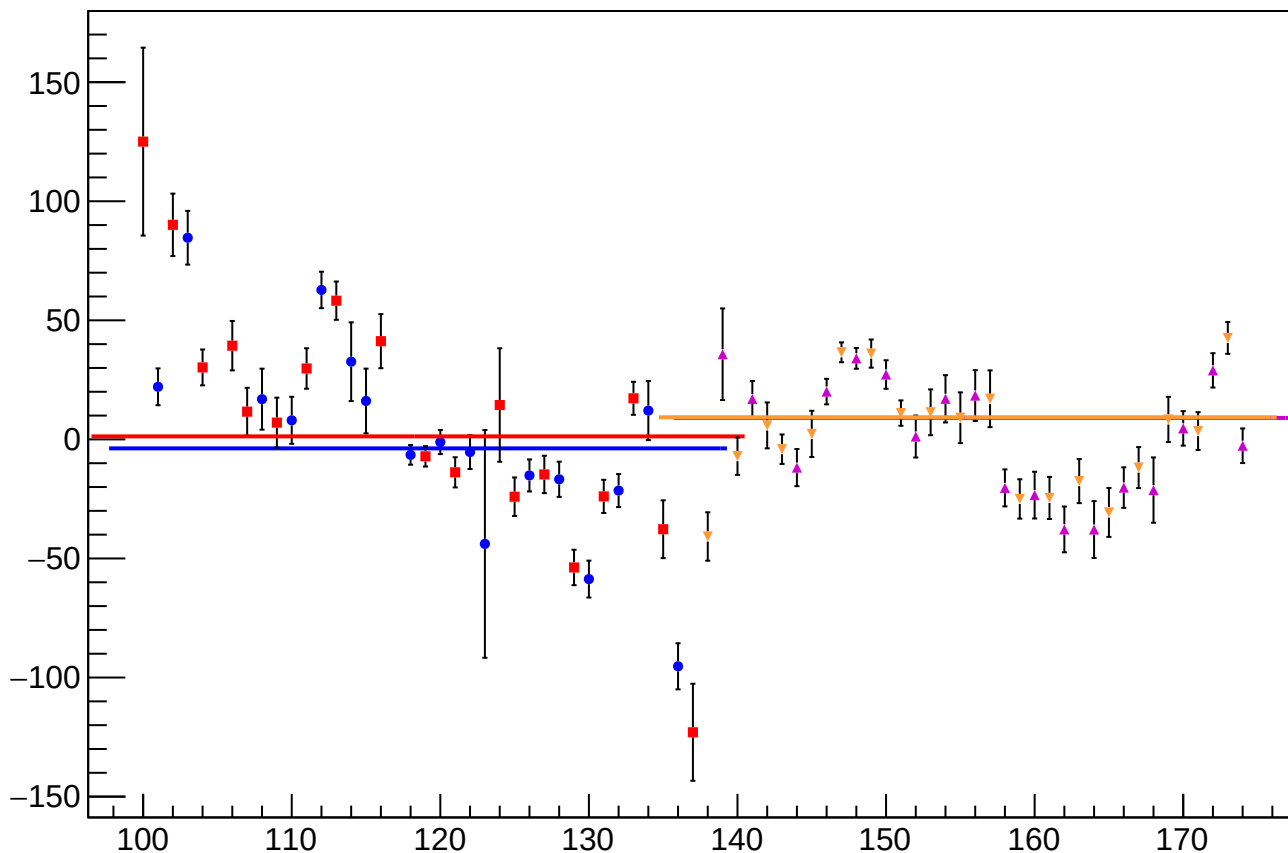
Left In: -501.111+/-2.541 χ^2/NDF :1074.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -486.792+/-1.789 χ^2/NDF : 4479.9/36

- 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: 9.283 ± 1.733 χ^2/NDF : 184.8/18

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

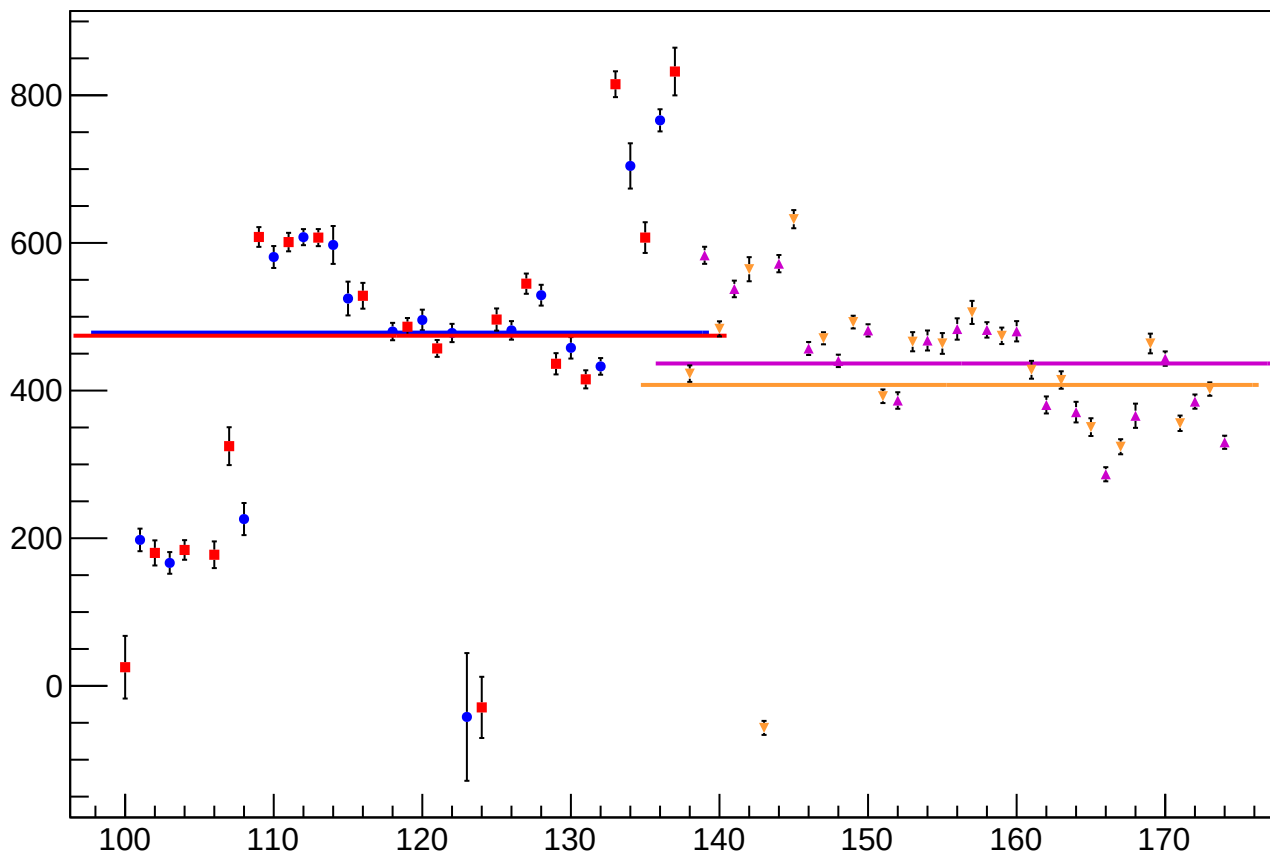
Left In: 9.014 ± 1.811 χ^2/NDF : 150.5/17

+ sign 3.316 ± 1.277 χ^2/NDF : 525.1/35

All: 4.309 ± 0.917 χ^2/NDF : 989.3/72

- sign 5.367 ± 1.317 χ^2/NDF : 462.9/36

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2 /NDF: 1629.0/16

Left Out: 407.658 $\pm$ 2.504 χ^2 /NDF:3279.9/18

Right Out: 474.328 $\pm$ 3.533 χ^2 /NDF: 2287.1/18

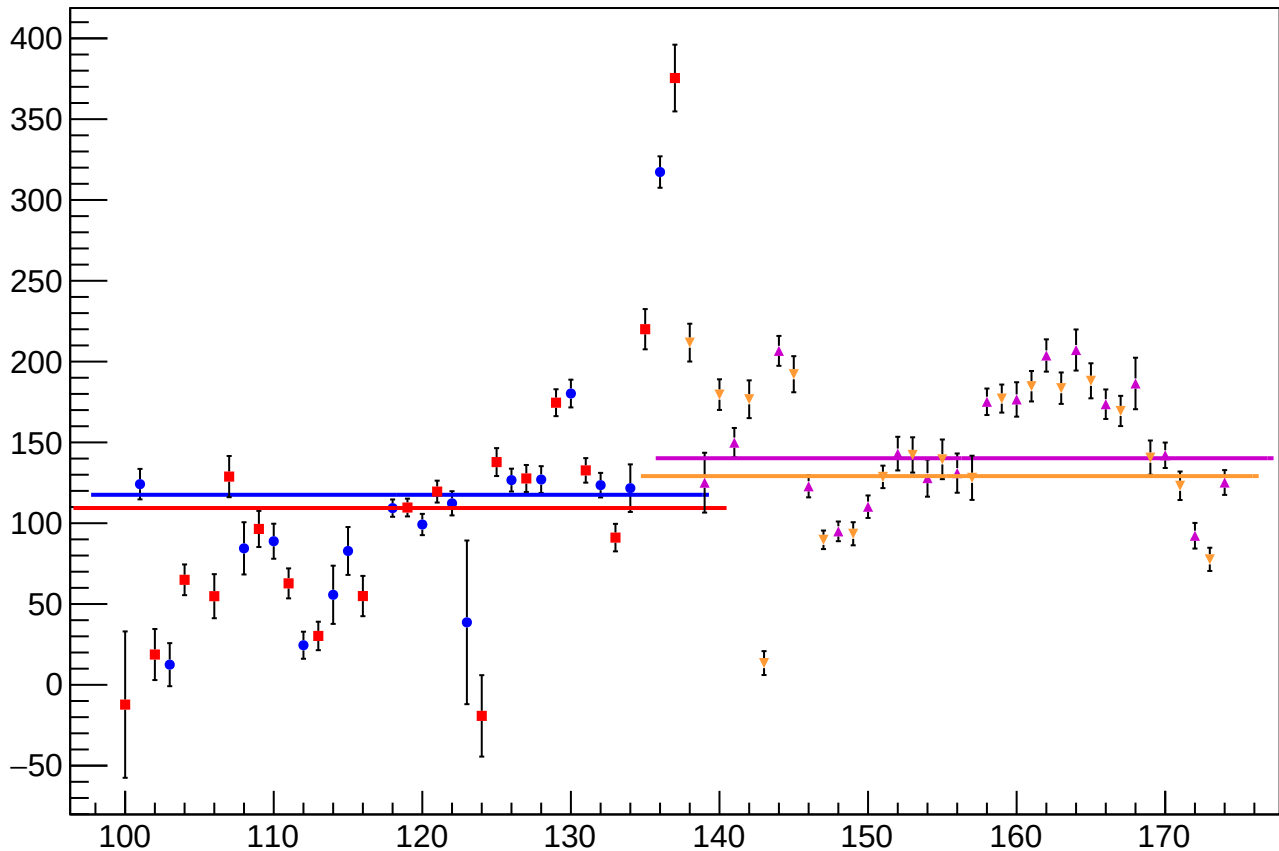
Left In: 436.693 $\pm$ 2.517 χ^2 /NDF:955.5/17

+ sign 430.501 $\pm$ 2.061 χ^2 /NDF: 5167.2/35

All: 439.984 $\pm$ 1.453 χ^2 /NDF: 8527.2/72

- sign 449.366 $\pm$ 2.050 χ^2 /NDF: 3317.9/36

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 129.146 ± 2.044 $\chi^2/\text{NDF}: 643.3/18$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

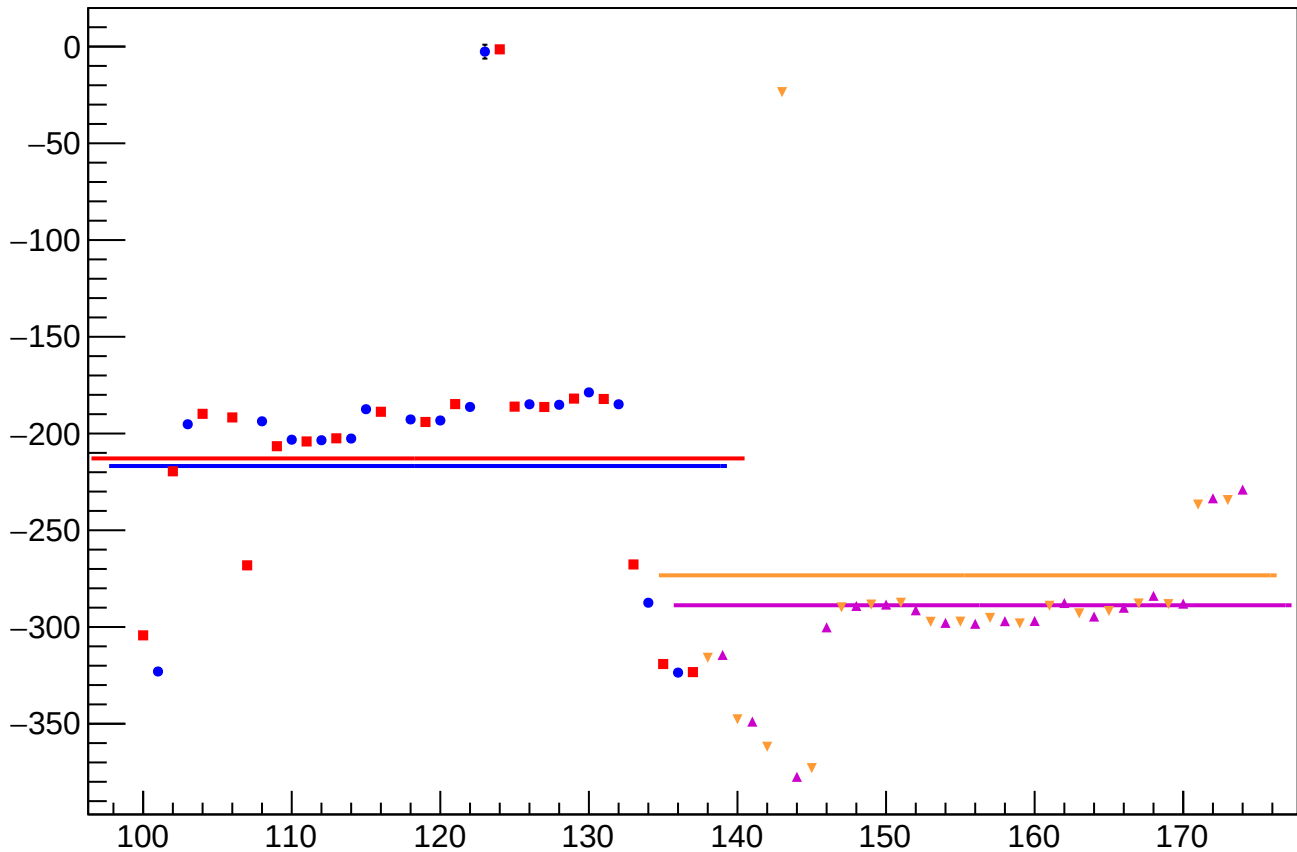
Left In: 140.210 ± 2.113 $\chi^2/\text{NDF}: 295.7/17$

+ sign 123.770 ± 1.495 $\chi^2/\text{NDF}: 1365.0/35$

All: 124.616 ± 1.068 $\chi^2/\text{NDF}: 2334.1/72$

- sign 125.497 ± 1.527 $\chi^2/\text{NDF}: 968.4/36$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -273.290 ± 0.099 $\chi^2/\text{NDF}: 574570.6/18$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

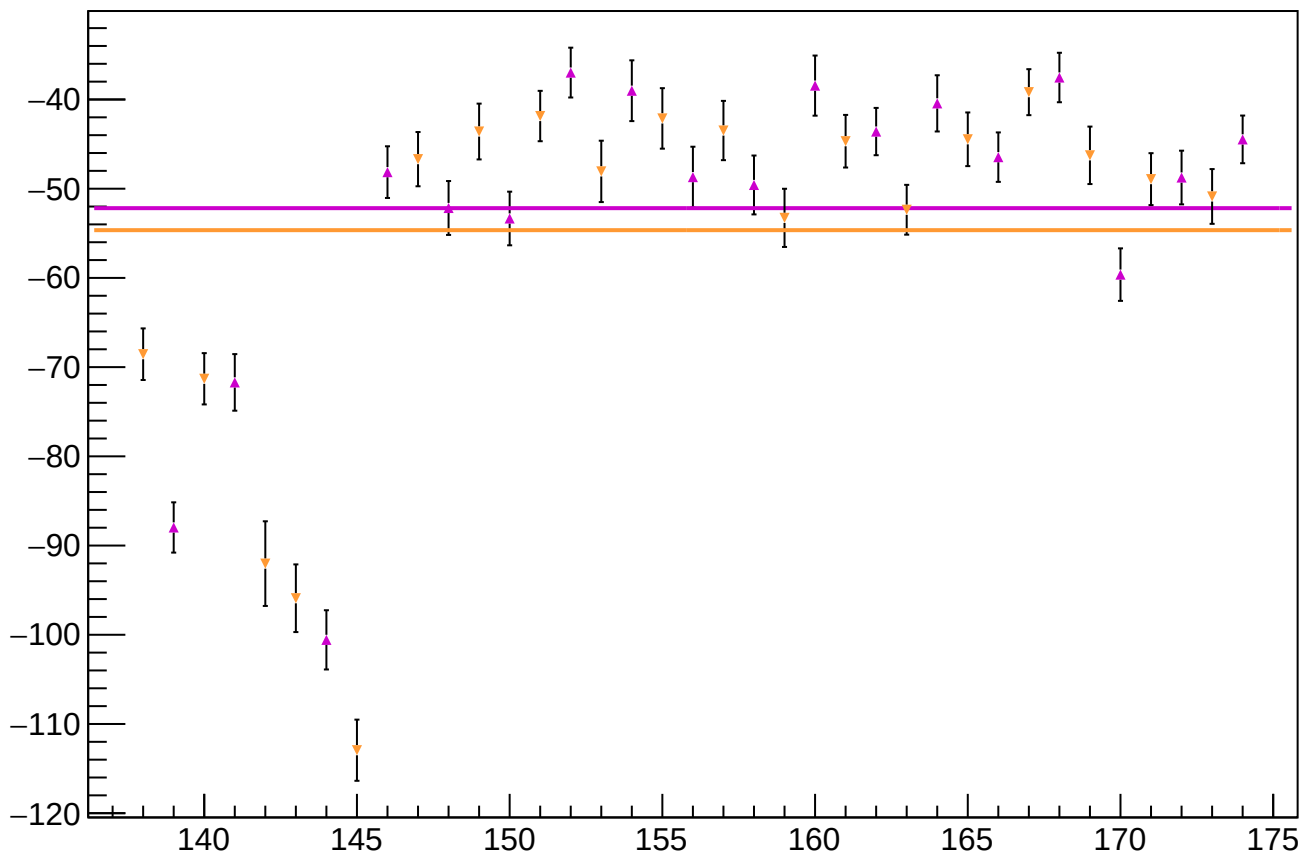
Left In: -288.755 ± 0.099 $\chi^2/\text{NDF}: 113586.1/17$

+ sign -253.678 ± 0.080 $\chi^2/\text{NDF}: 834778.0/35$

All: -257.430 ± 0.056 $\chi^2/\text{NDF}: 1284985.9/72$

- sign -261.061 ± 0.079 $\chi^2/\text{NDF}: 445871.6/36$

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -54.648 $\pm$ 0.715 χ^2 /NDF:666.6/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

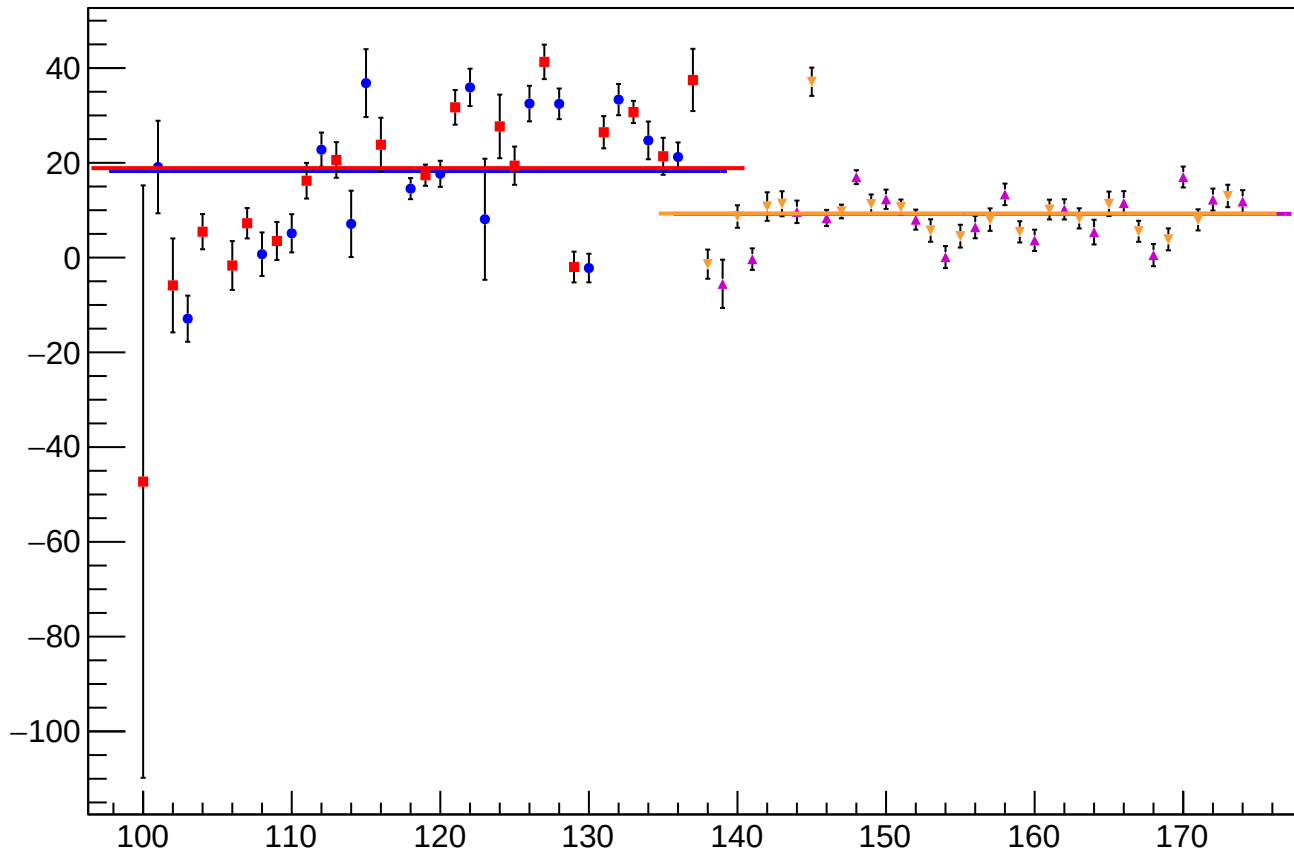
Left In: -52.181 $\pm$ 0.706 χ^2 /NDF:549.2/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -53.399 $\pm$ 0.502 χ^2 /NDF: 1221.9/36

- sign 0.000 $\pm$ 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: 9.299 ± 0.509 χ^2/NDF : 123.5/18

Right Out: 18.882 ± 0.864 χ^2/NDF : 198.4/18

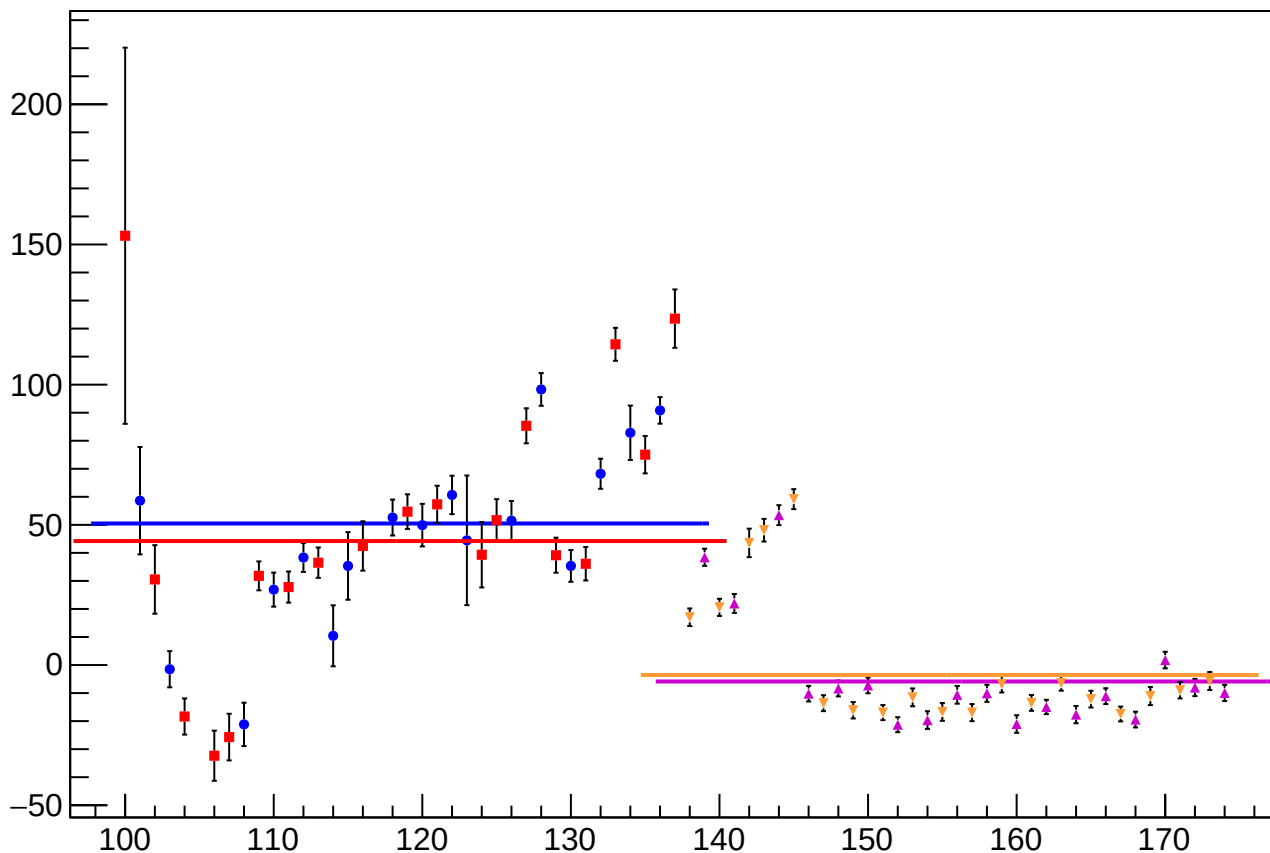
Left In: 9.223 ± 0.519 χ^2/NDF : 115.2/17

+ sign 11.454 ± 0.444 χ^2/NDF : 402.9/35

All: 11.618 ± 0.314 χ^2/NDF : 808.6/72

- sign 11.785 ± 0.445 χ^2/NDF : 405.4/36

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 ± 1.668 $\chi^2/\text{NDF}: 357.9/16$

Left Out: -3.565 ± 0.705 $\chi^2/\text{NDF}: 823.0/18$

Right Out: 44.222 ± 1.602 $\chi^2/\text{NDF}: 534.4/18$

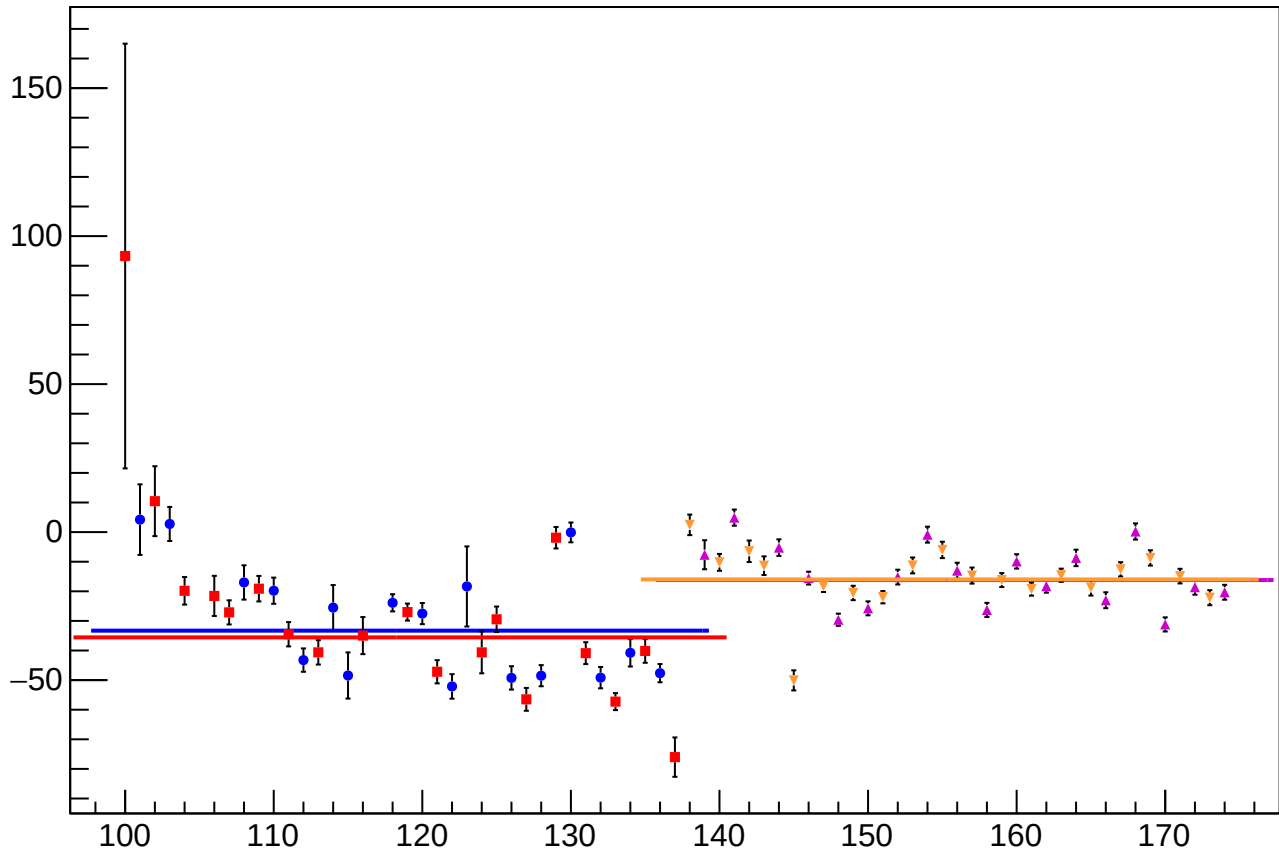
Left In: -5.865 ± 0.697 $\chi^2/\text{NDF}: 705.0/17$

+ sign 4.636 ± 0.650 $\chi^2/\text{NDF}: 2071.6/35$

All: 3.351 ± 0.456 $\chi^2/\text{NDF}: 4140.2/72$

- sign 2.106 ± 0.639 $\chi^2/\text{NDF}: 2060.9/36$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -15.990 ± 0.589 χ^2/NDF : 191.0/18

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

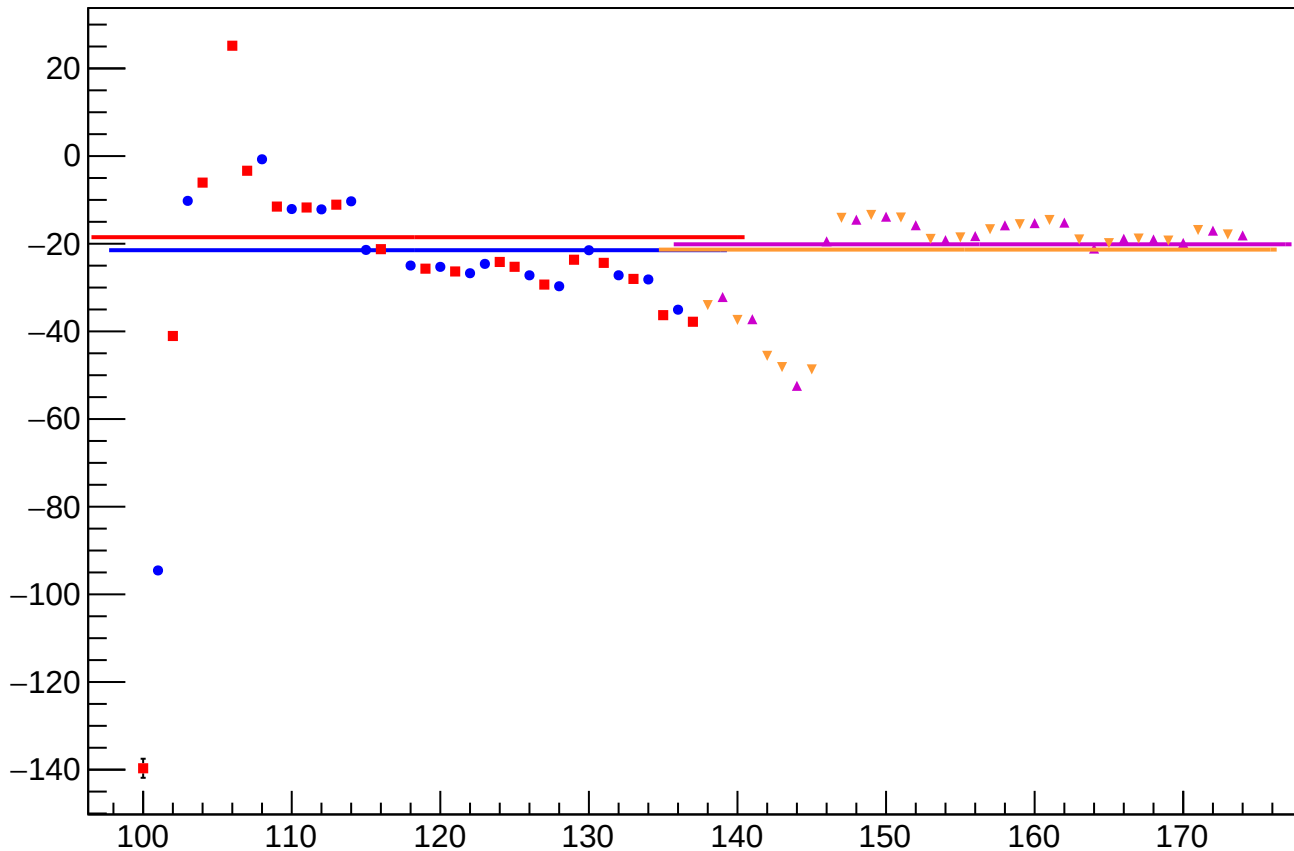
Left In: -16.195 ± 0.597 χ^2/NDF : 289.2/17

+ sign -20.239 ± 0.512 χ^2/NDF : 691.8/35

All: -20.792 ± 0.362 χ^2/NDF : 1550.5/72

- sign -21.346 ± 0.512 χ^2/NDF : 856.4/36

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 χ^2/NDF : 49009.8/16

Left Out: -21.340 ± 0.027 χ^2/NDF : 129667.9/18

Right Out: -18.506 ± 0.057 χ^2/NDF : 80734.5/18

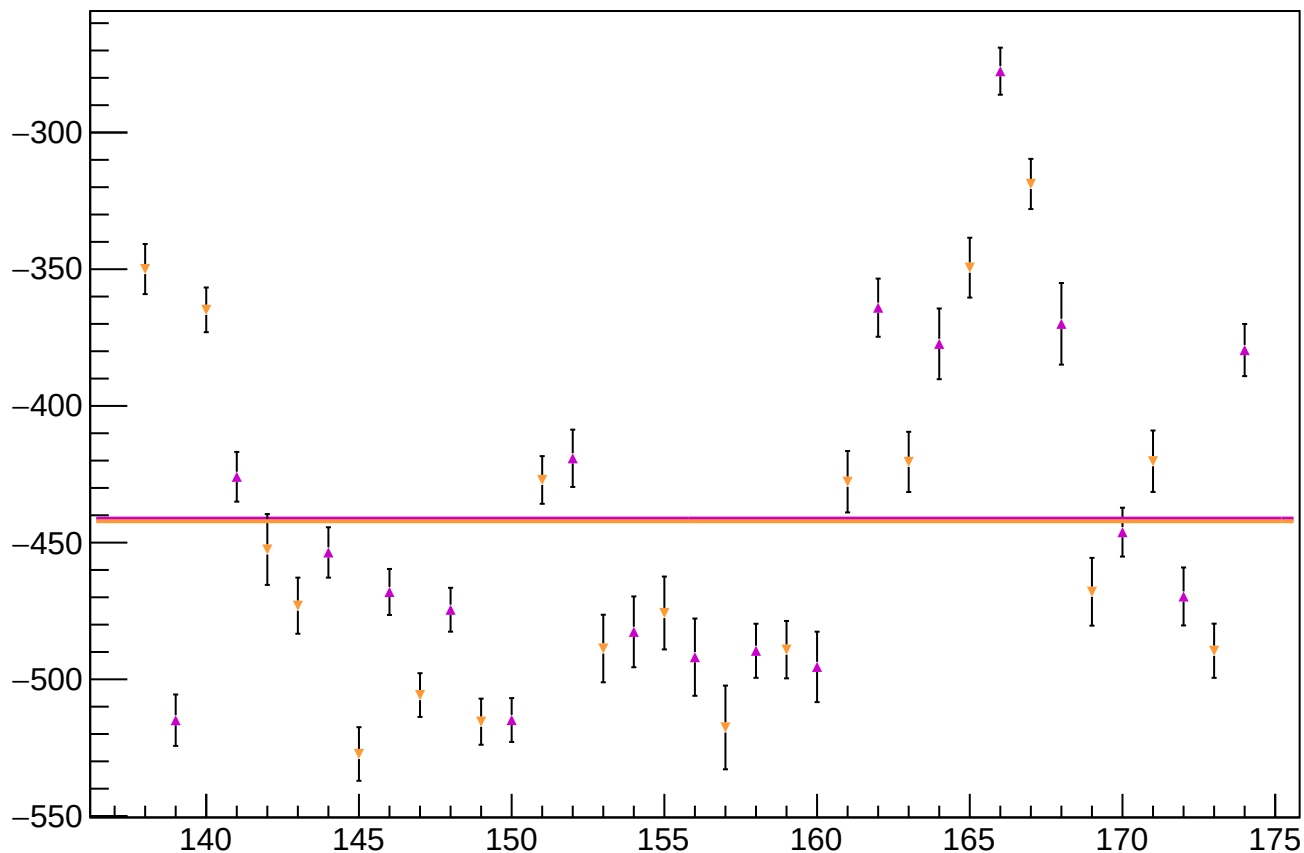
Left In: -20.129 ± 0.027 χ^2/NDF : 85797.2/17

+ sign -21.365 ± 0.025 χ^2/NDF : 178682.1/35

All: -20.588 ± 0.017 χ^2/NDF : 347802.2/72

- sign -19.834 ± 0.024 χ^2/NDF : 167186.8/36

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -442.169+/-2.343 χ^2/NDF : 771.4/18

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

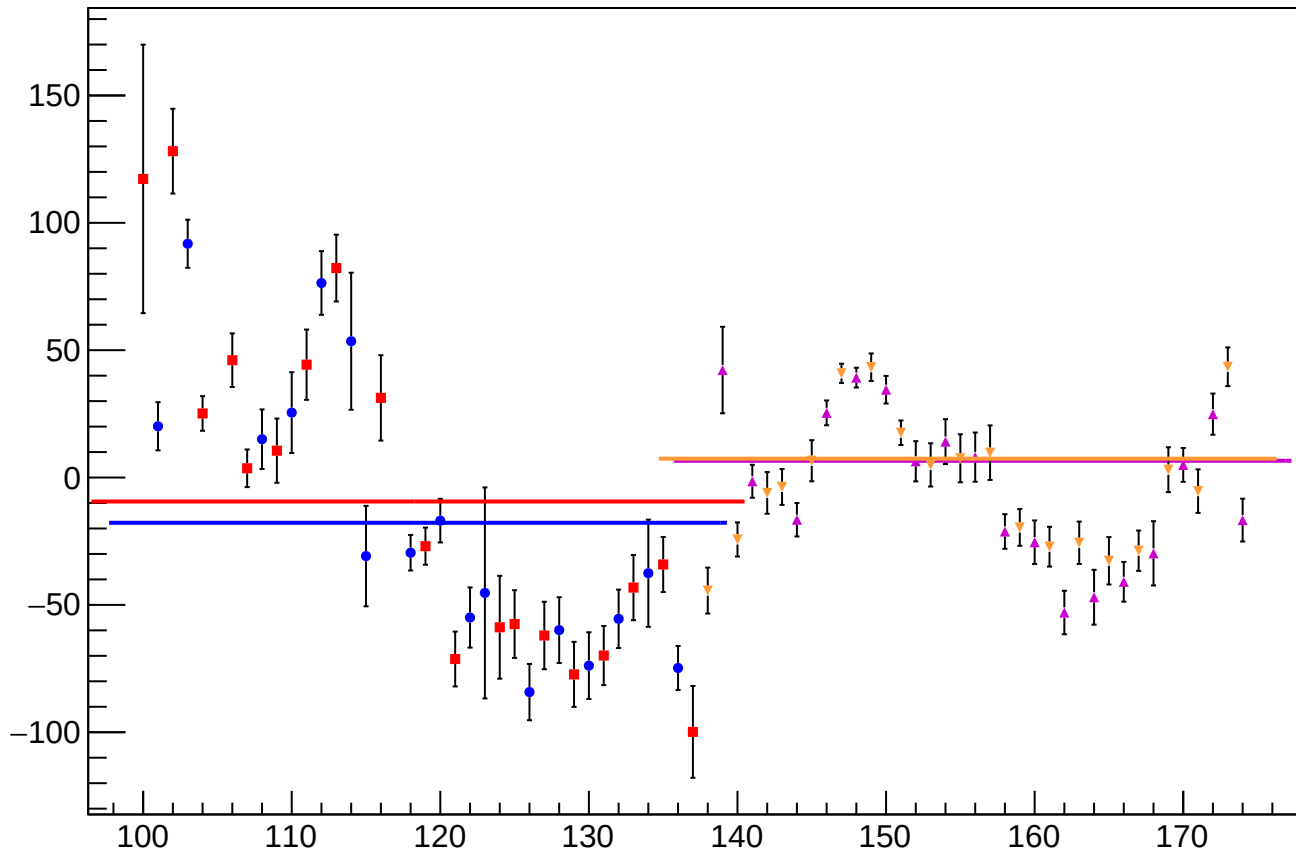
Left In: -441.229+/-2.344 χ^2/NDF : 757.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -441.699+/-1.657 χ^2/NDF : 1529.2/36

- 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: 7.418 ± 1.606 χ^2/NDF : 301.6/18

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

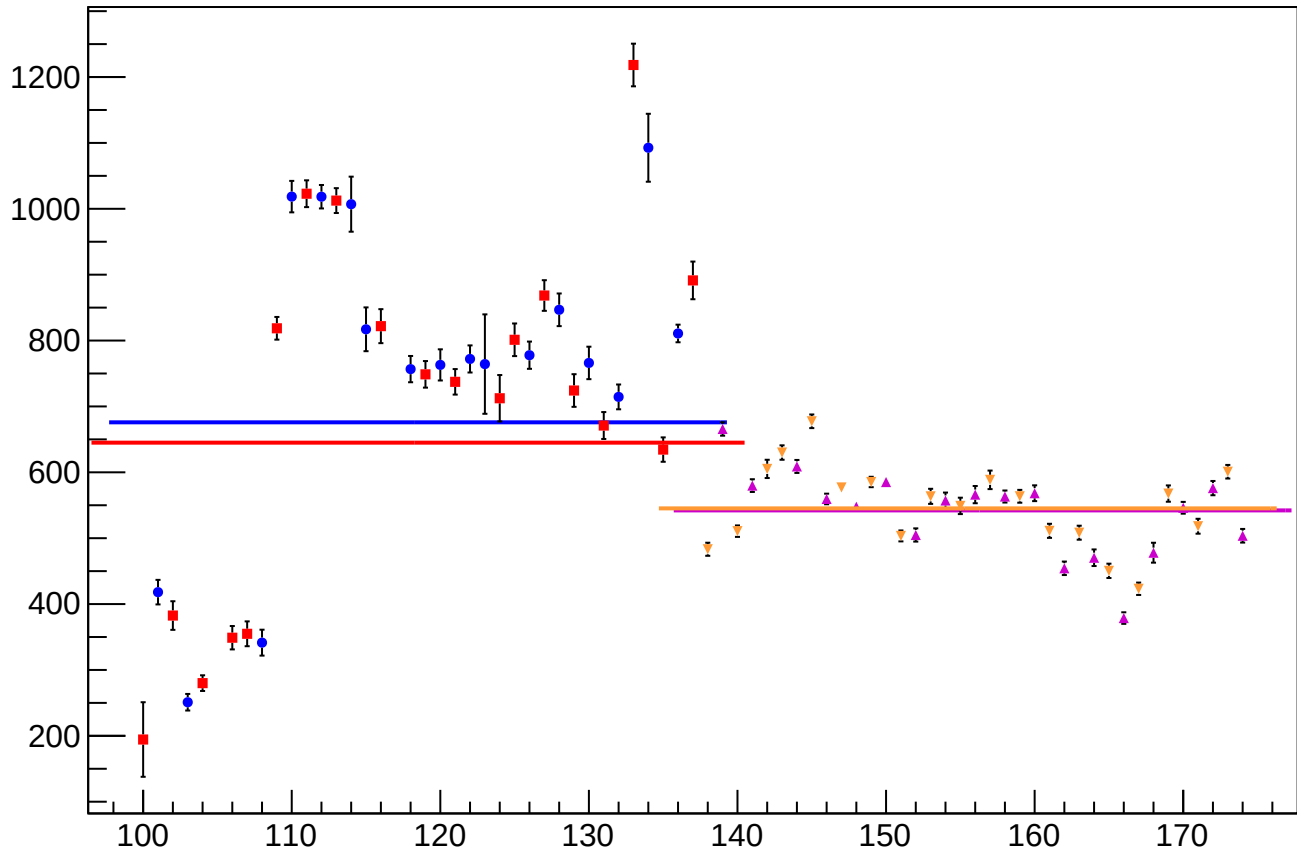
Left In: 6.579 ± 1.655 χ^2/NDF : 293.7/17

+ sign 1.121 ± 1.391 χ^2/NDF : 726.9/35

All: 1.558 ± 0.986 χ^2/NDF : 1417.1/72

- sign 2.000 ± 1.398 χ^2/NDF : 690.0/36

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 $\pm$ 5.037 χ^2 /NDF: 2586.4/16

Left Out: 545.263 $\pm$ 2.322 χ^2 /NDF: 686.5/18

Right Out: 645.014 $\pm$ 4.761 χ^2 /NDF: 3123.3/18

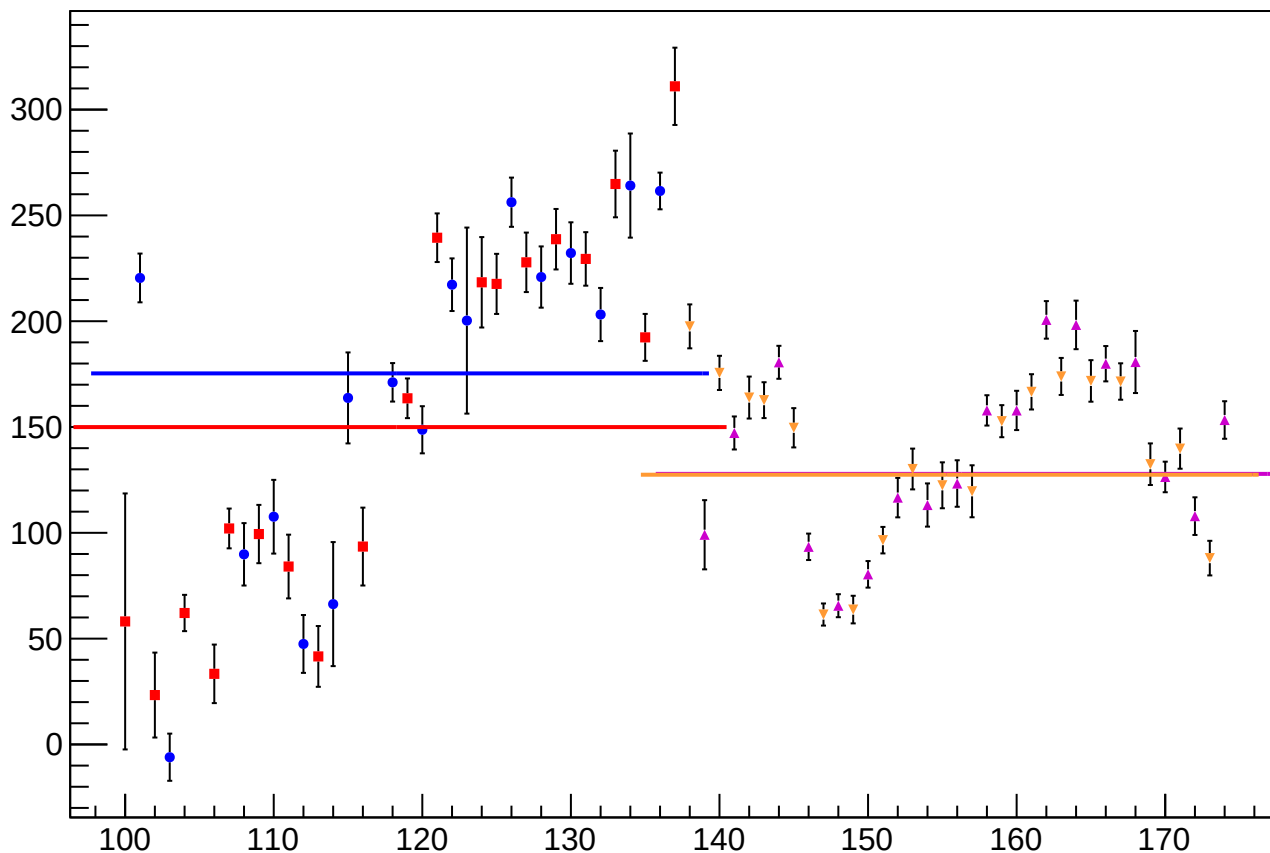
Left In: 542.183 $\pm$ 2.314 χ^2 /NDF: 770.9/17

+ sign 568.153 $\pm$ 2.109 χ^2 /NDF: 3827.4/35

All: 564.949 $\pm$ 1.481 χ^2 /NDF: 8103.6/72

- sign 561.829 $\pm$ 2.081 χ^2 /NDF: 4271.6/36

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 127.461 $\pm$ 1.900 χ^2 /NDF: 531.1/18

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

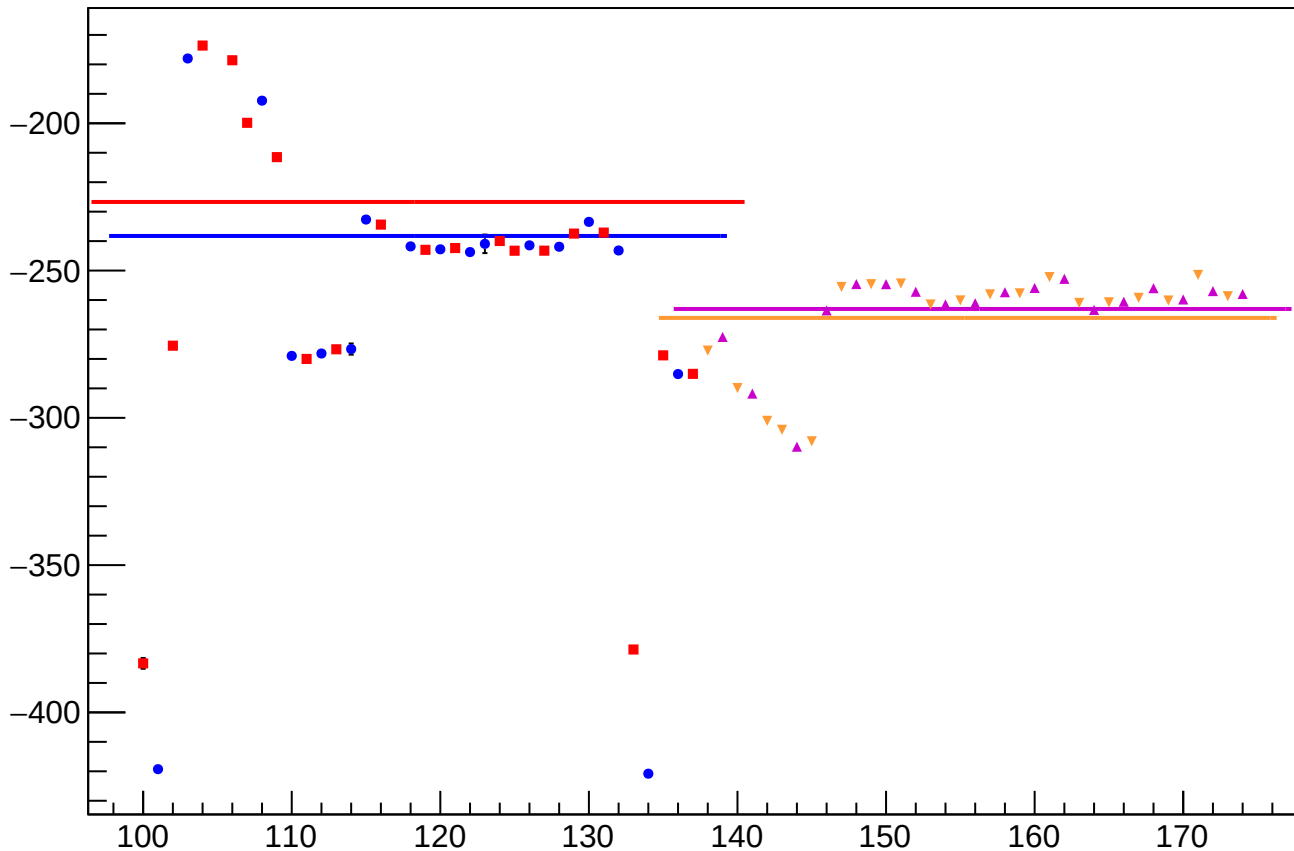
Left In: 127.854 $\pm$ 1.940 χ^2 /NDF: 475.9/17

+ sign 139.927 $\pm$ 1.634 χ^2 /NDF: 1334.8/35

All: 137.085 $\pm$ 1.156 χ^2 /NDF: 2547.4/72

- sign 134.237 $\pm$ 1.636 χ^2 /NDF: 1206.6/36

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248 ± 0.160 χ^2/NDF : 167125.9/16

Left Out: -266.068 ± 0.092 χ^2/NDF : 34540.1/18

Right Out: -226.706 ± 0.151 χ^2/NDF : 102831.3/18

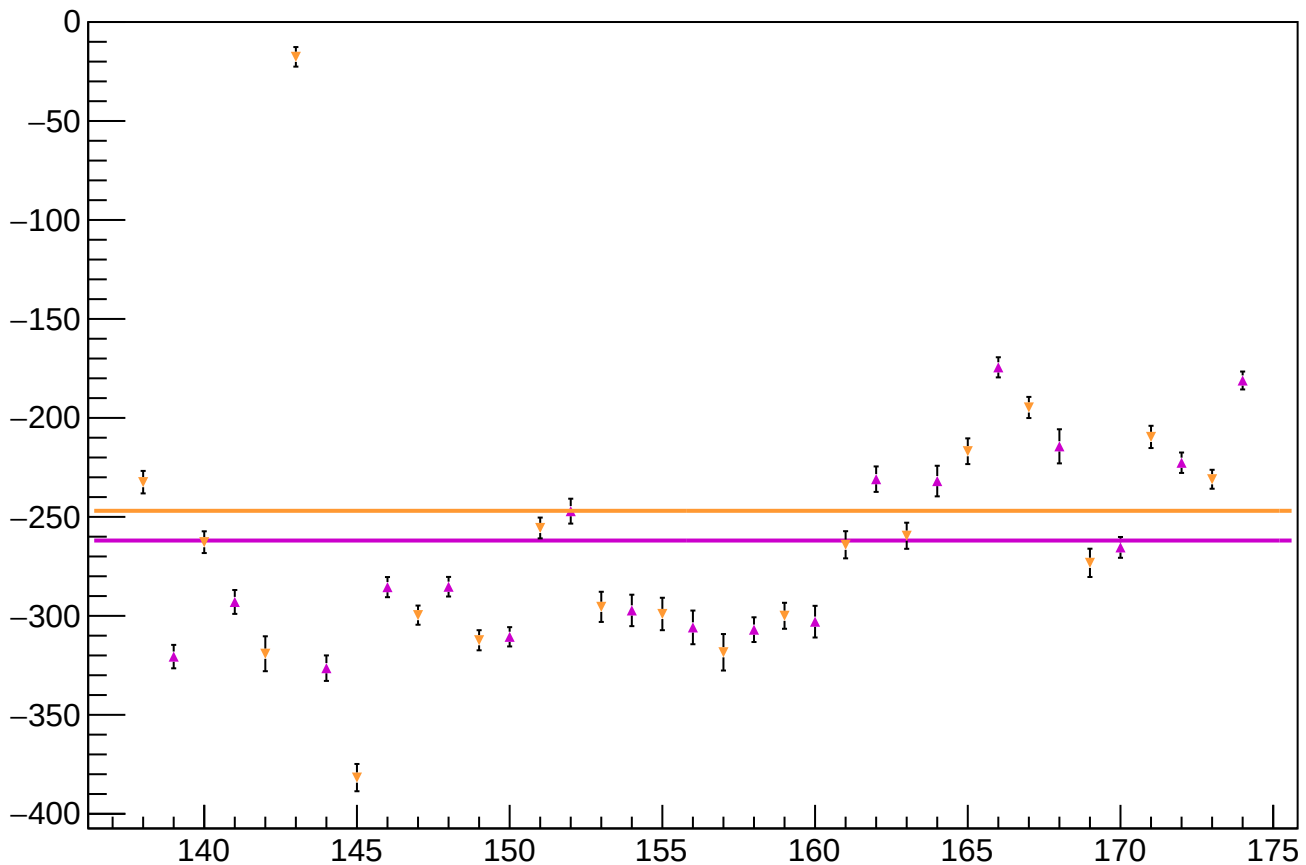
Left In: -263.035 ± 0.091 χ^2/NDF : 21419.1/17

+ sign -259.130 ± 0.080 χ^2/NDF : 224381.1/35

All: -256.169 ± 0.056 χ^2/NDF : 393701.1/72

- sign -253.342 ± 0.078 χ^2/NDF : 166632.7/36

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -246.929+/-1.385 χ^2/NDF :3303.2/18

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

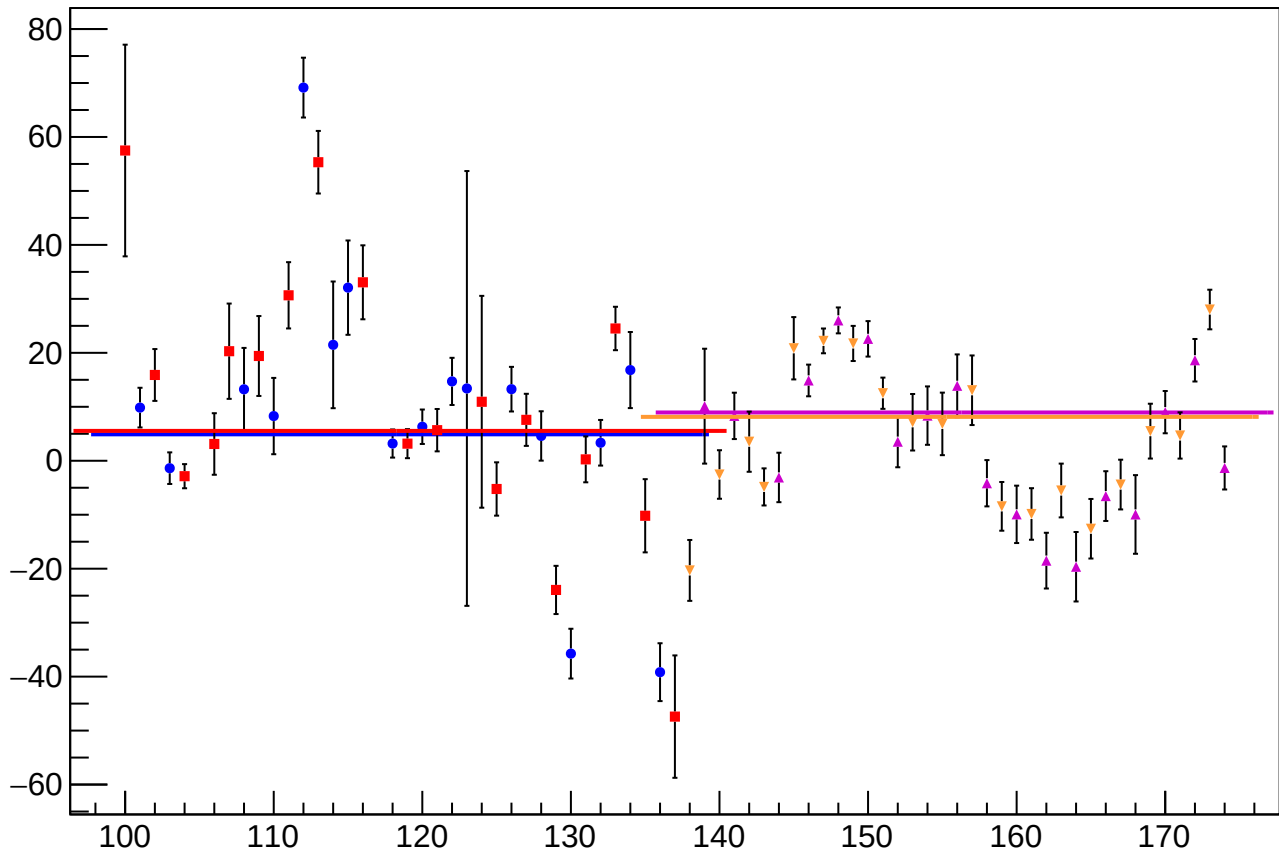
Left In: -261.945+/-1.395 χ^2/NDF :1240.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.379+/-0.983 χ^2/NDF : 4602.5/36

- 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: 8.132 ± 0.953 χ^2/NDF : 195.9/18

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

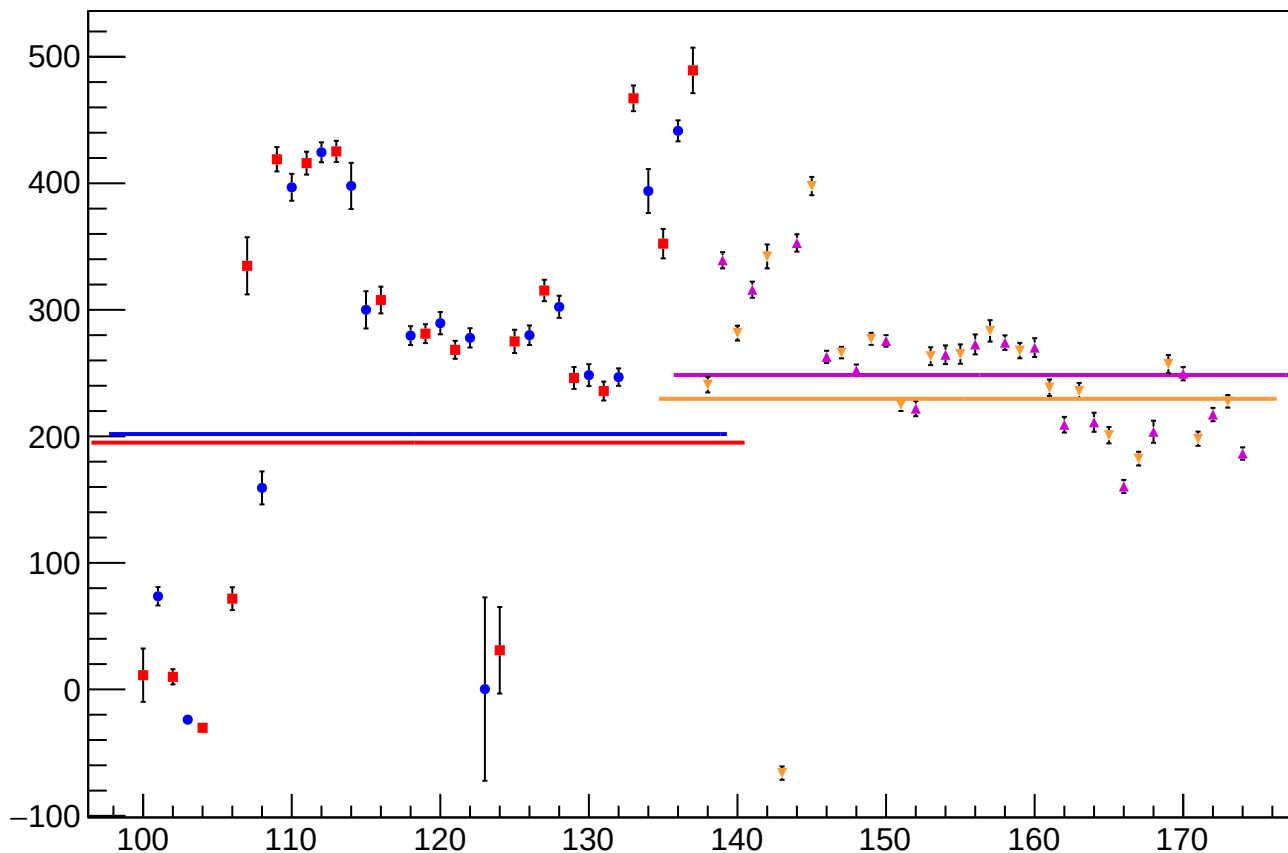
Left In: 8.947 ± 0.995 χ^2/NDF : 181.4/17

+ sign 6.730 ± 0.717 χ^2/NDF : 512.9/35

All: 7.043 ± 0.511 χ^2/NDF : 939.3/72

- sign 7.367 ± 0.729 χ^2/NDF : 426.0/36

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 ± 1.970 χ^2/NDF : 6754.2/16

Left Out: 229.693 ± 1.374 χ^2/NDF : 4338.1/18

Right Out: 195.053 ± 1.924 χ^2/NDF : 8257.1/18

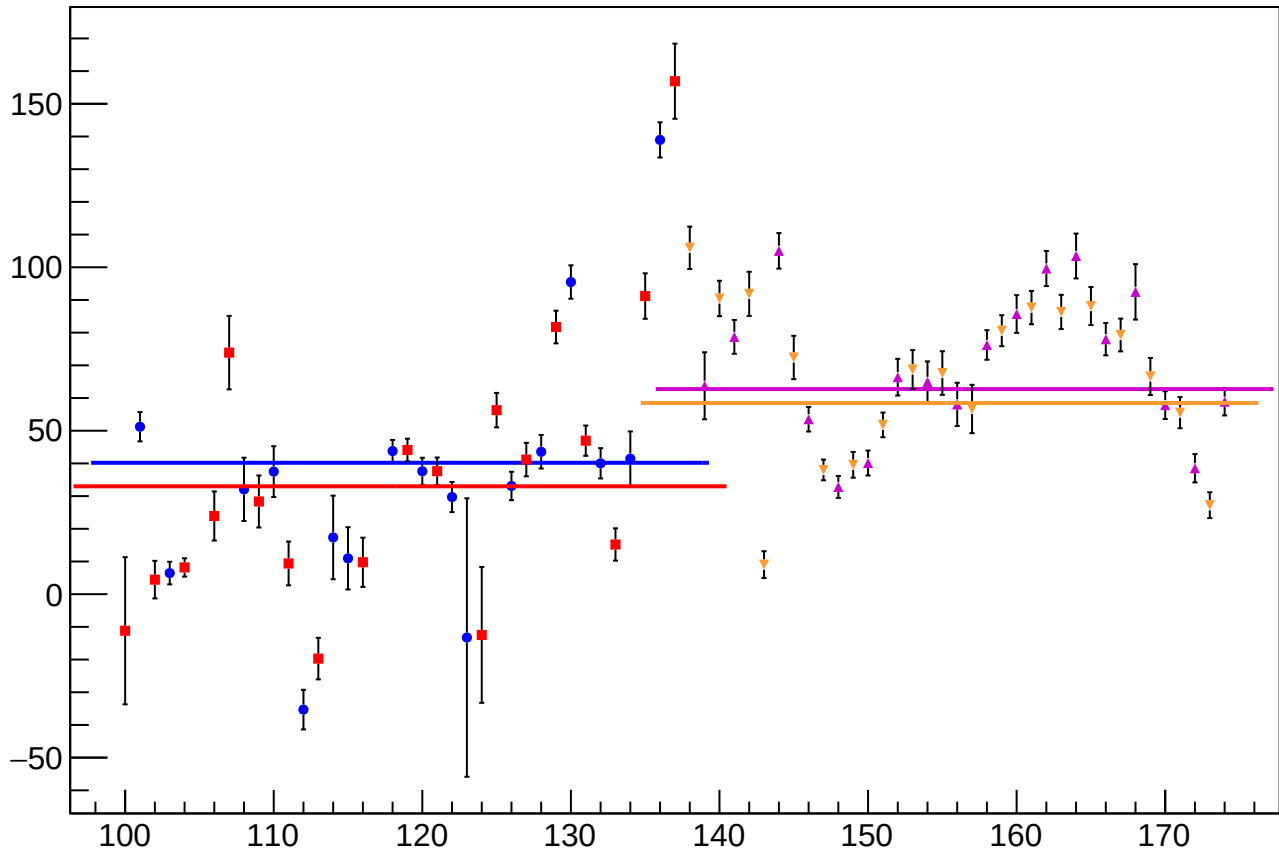
Left In: 248.515 ± 1.381 χ^2/NDF : 1222.1/17

+ sign 220.569 ± 1.127 χ^2/NDF : 11227.0/35

All: 225.480 ± 0.795 χ^2/NDF : 21253.5/72

- sign 230.346 ± 1.122 χ^2/NDF : 9988.7/36

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2 /NDF: 735.0/16

Left Out: 58.486+/-1.123 χ^2 /NDF: 526.0/18

Right Out: 32.999+/-1.253 χ^2 /NDF: 554.1/18

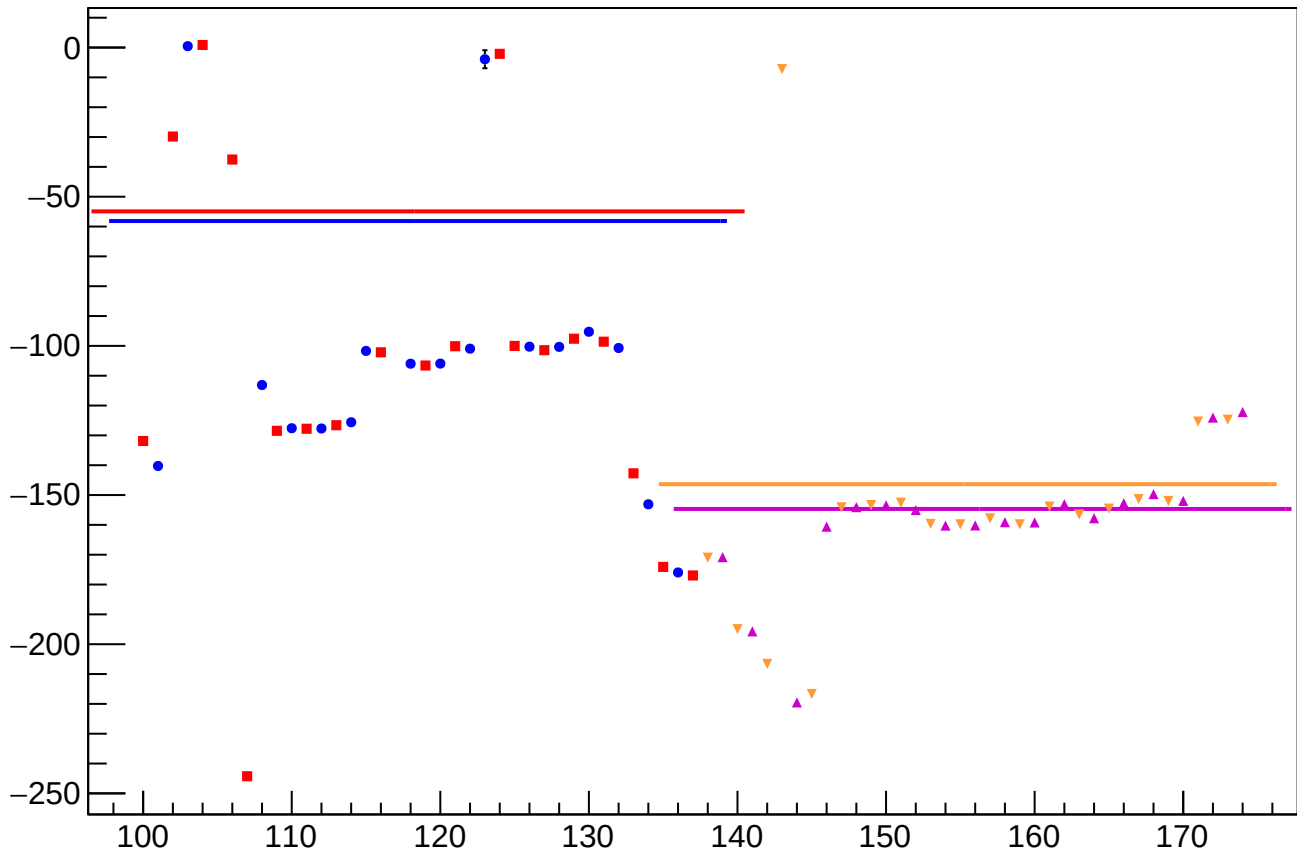
Left In: 62.739+/-1.160 χ^2 /NDF: 354.0/17

+ sign 50.446+/-0.840 χ^2 /NDF: 1377.7/35

All: 49.738+/-0.598 χ^2 /NDF: 2590.8/72

- sign 49.012+/-0.851 χ^2 /NDF: 1211.7/36

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 $\pm$ 0.062 χ^2 /NDF: 1105509.3/16

Left Out: -146.360 $\pm$ 0.054 χ^2 /NDF: 610222.5/18

Right Out: -54.914 $\pm$ 0.060 χ^2 /NDF: 1003885.5/18

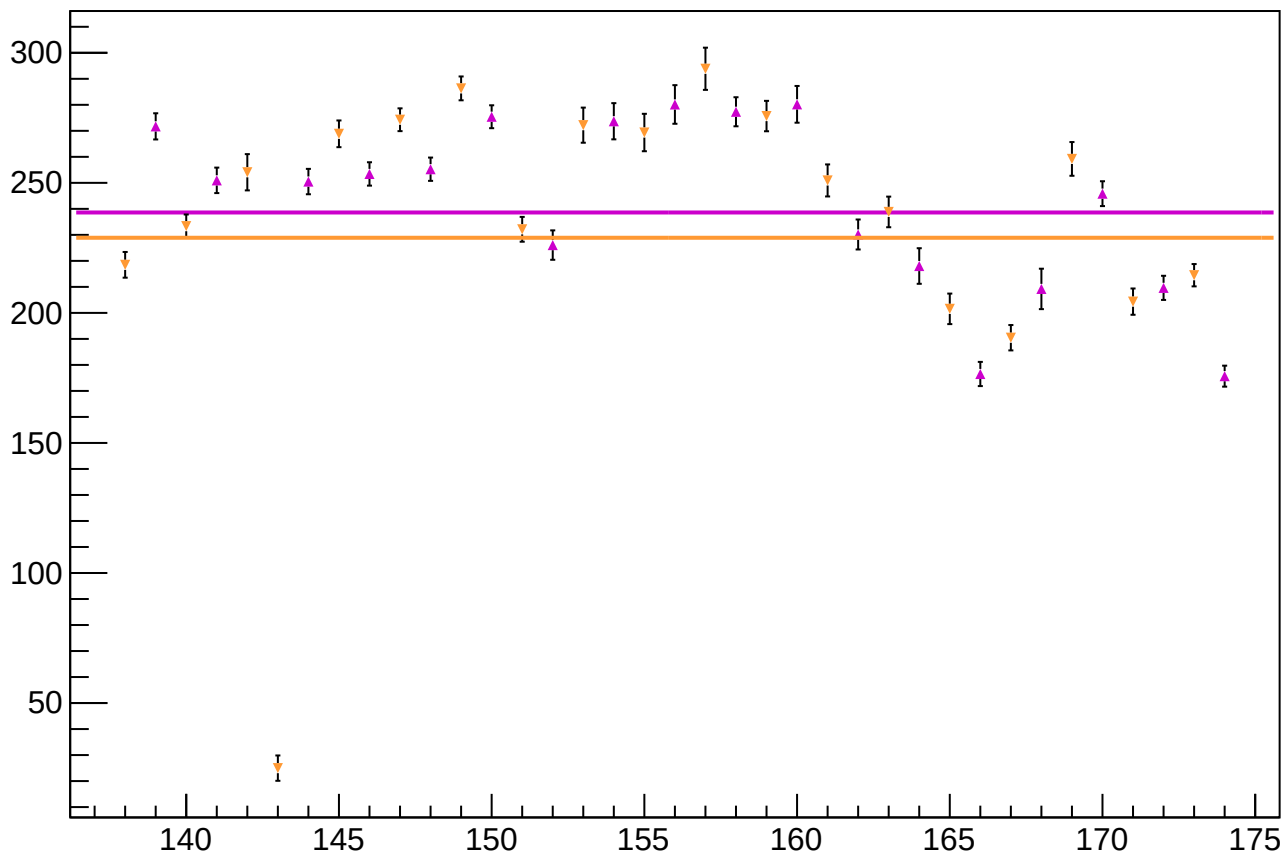
Left In: -154.664 $\pm$ 0.054 χ^2 /NDF: 139102.7/17

+ sign -107.833 $\pm$ 0.041 χ^2 /NDF: 2871493.2/35

All: -109.001 $\pm$ 0.029 χ^2 /NDF: 5535234.5/72

- sign -110.143 $\pm$ 0.040 χ^2 /NDF: 2662111.3/36

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 228.888+/-1.227 χ^2/NDF :2454.2/18

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

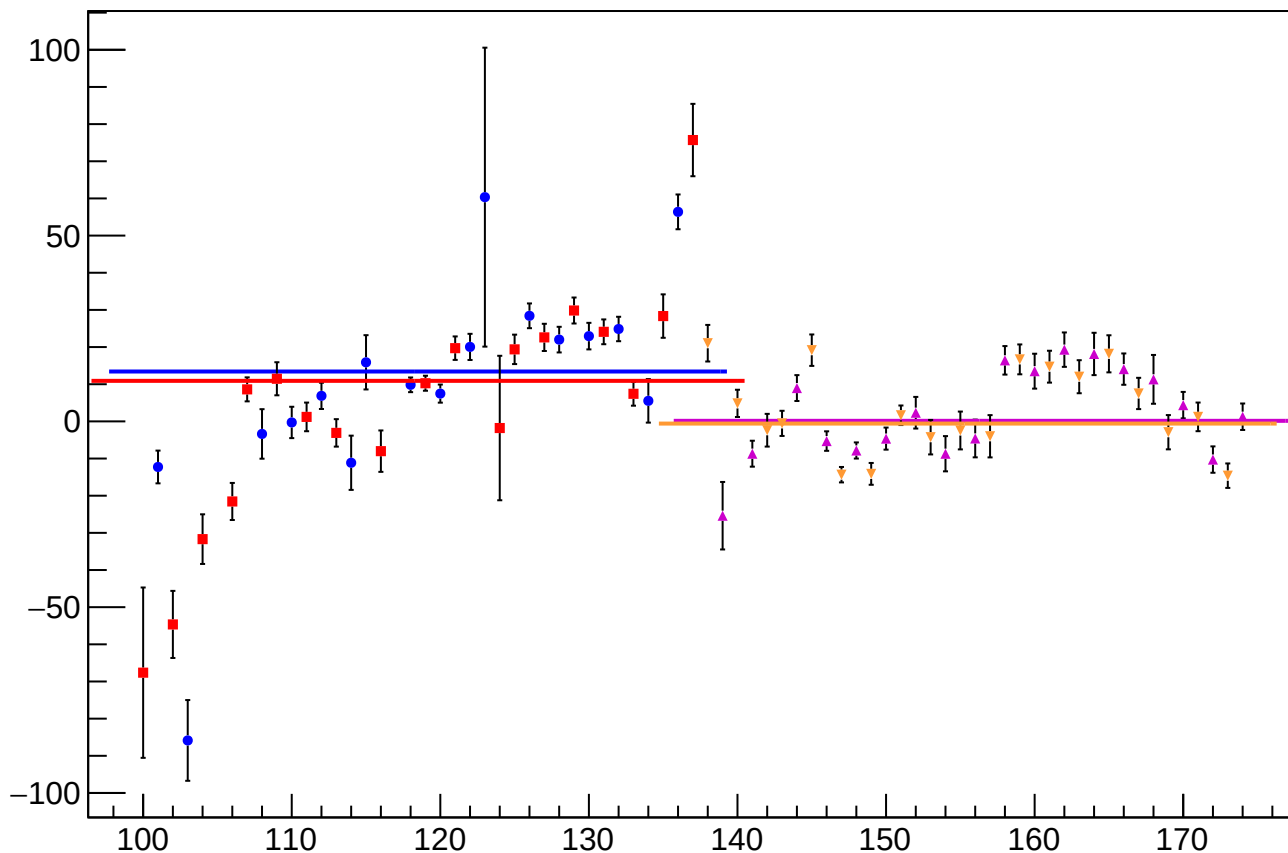
Left In: 238.605+/-1.229 χ^2/NDF :782.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.738+/-0.868 χ^2/NDF : 3268.2/36

- 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: -0.593+/-0.849 χ^2/NDF : 186.2/18

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

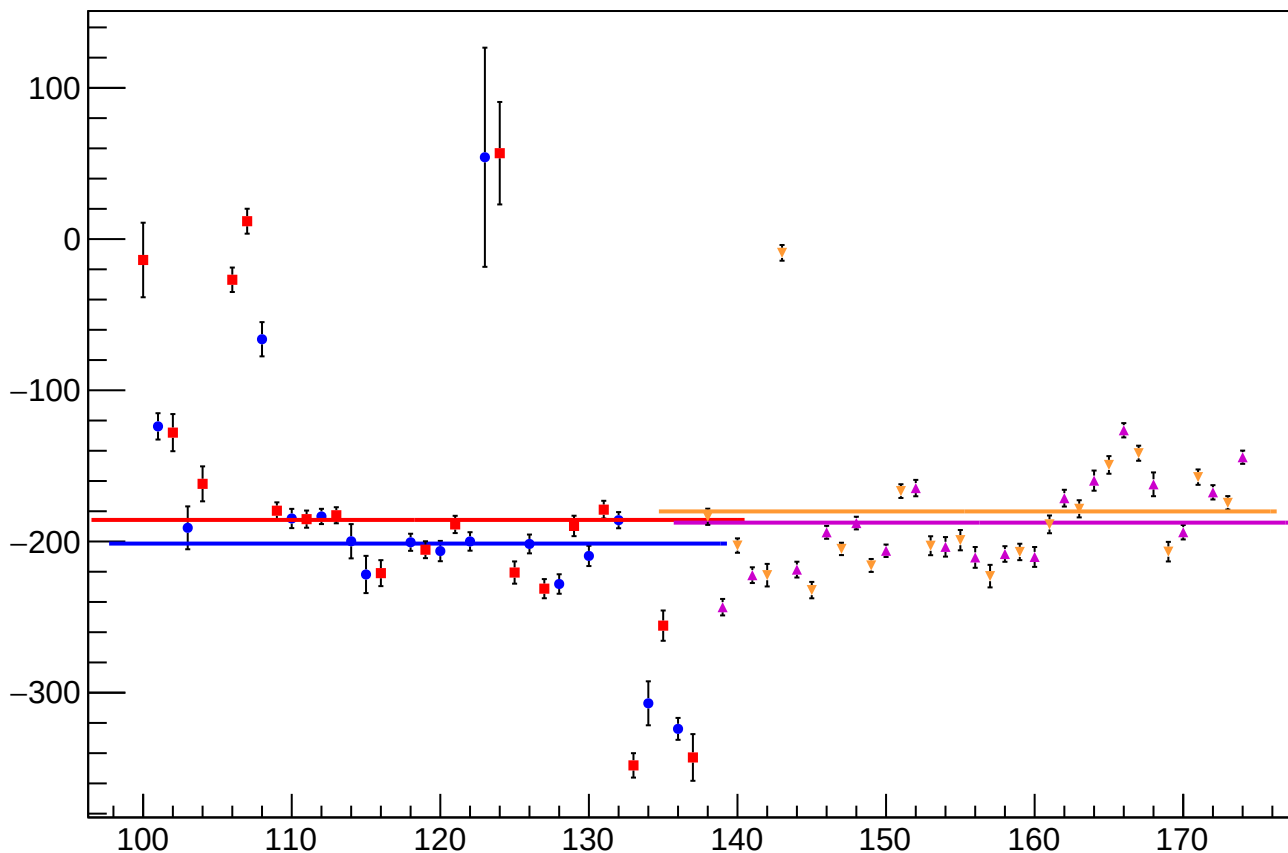
Left In: 0.149+/-0.879 χ^2/NDF : 122.9/17

+ sign 5.854+/-0.624 χ^2/NDF : 606.8/35

All: 5.586+/-0.445 χ^2/NDF : 1104.5/72

- sign 5.308+/-0.634 χ^2/NDF : 497.3/36

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -180.116 ± 1.220 χ^2/NDF : 1550.1/18

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

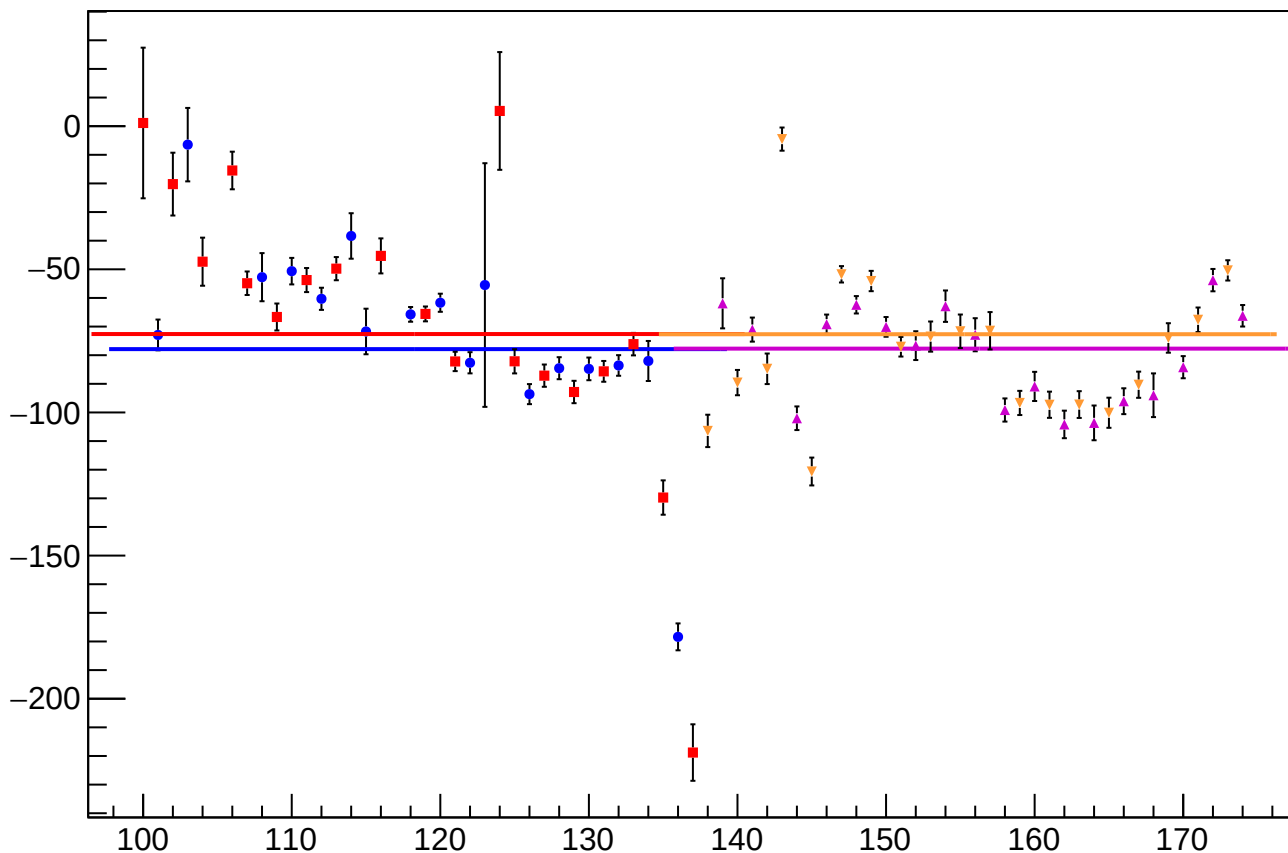
Left In: -187.535 ± 1.219 χ^2/NDF : 590.9/17

+ sign -186.914 ± 1.006 χ^2/NDF : 2270.8/35

All: -186.920 ± 0.706 χ^2/NDF : 4611.7/72

- sign -186.925 ± 0.991 χ^2/NDF : 2340.9/36

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -72.670 ± 0.999 χ^2/NDF : 691.1/18

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

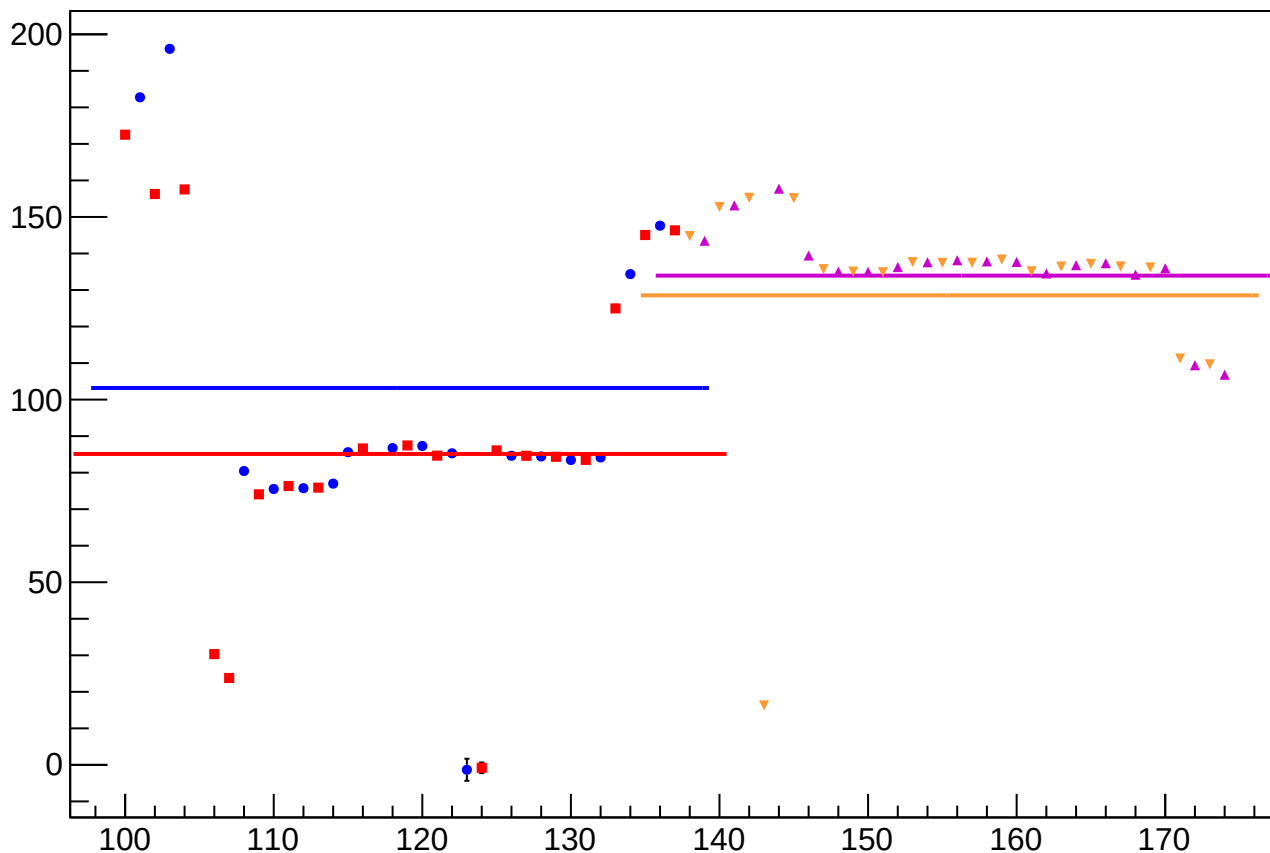
Left In: -77.708 ± 1.025 χ^2/NDF : 239.5/17

+ sign -75.106 ± 0.729 χ^2/NDF : 1362.0/35

All: -75.168 ± 0.517 χ^2/NDF : 2220.4/72

- sign -75.231 ± 0.735 χ^2/NDF : 858.4/36

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 128.536 $\pm$ 0.048 χ^2 /NDF: 373587.8/18

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

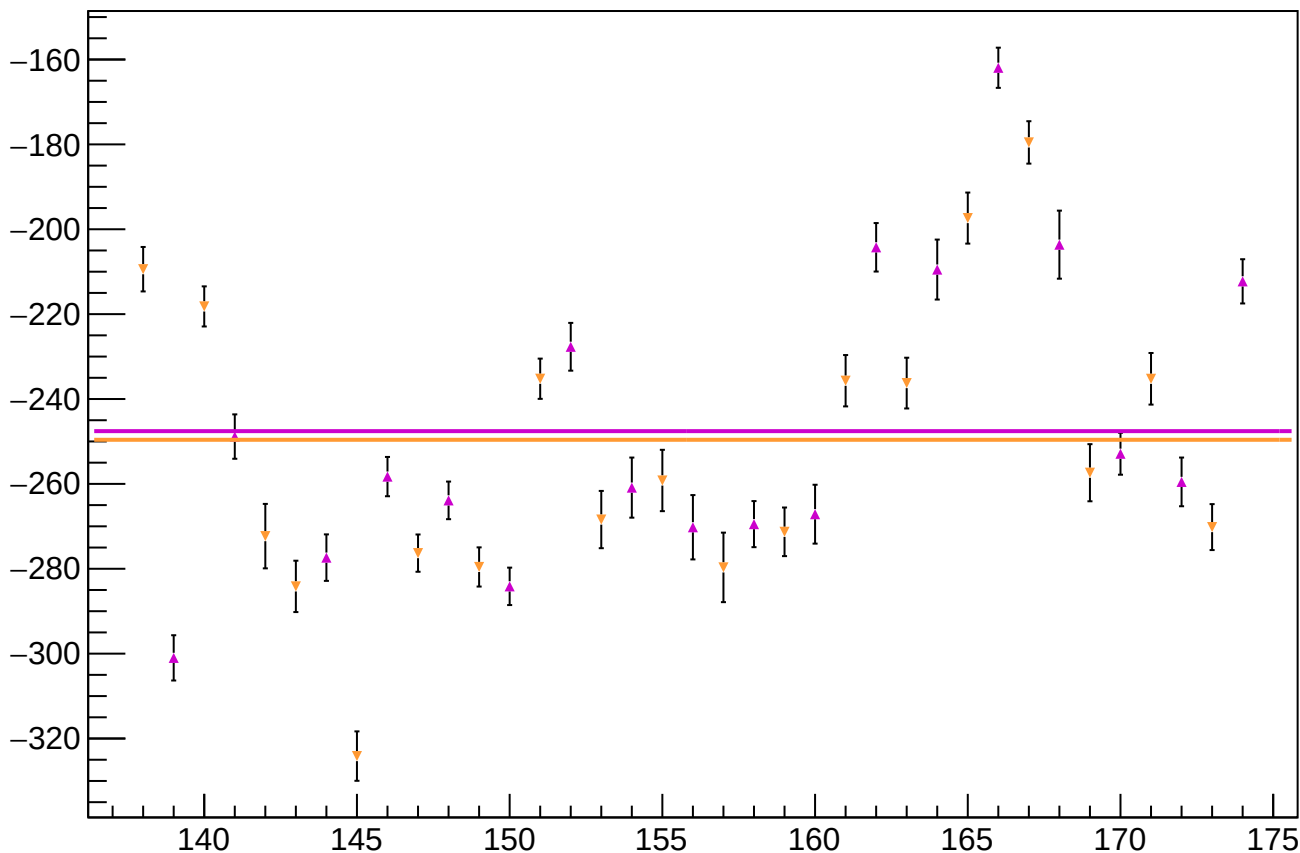
Left In: 133.937 $\pm$ 0.048 χ^2 /NDF: 74580.0/17

+ sign 120.455 $\pm$ 0.040 χ^2 /NDF: 735652.9/35

All: 118.341 $\pm$ 0.028 χ^2 /NDF: 1615001.7/72

- sign 116.382 $\pm$ 0.038 χ^2 /NDF: 873887.4/36

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -249.608+/-1.300 χ^2/NDF : 737.8/18

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

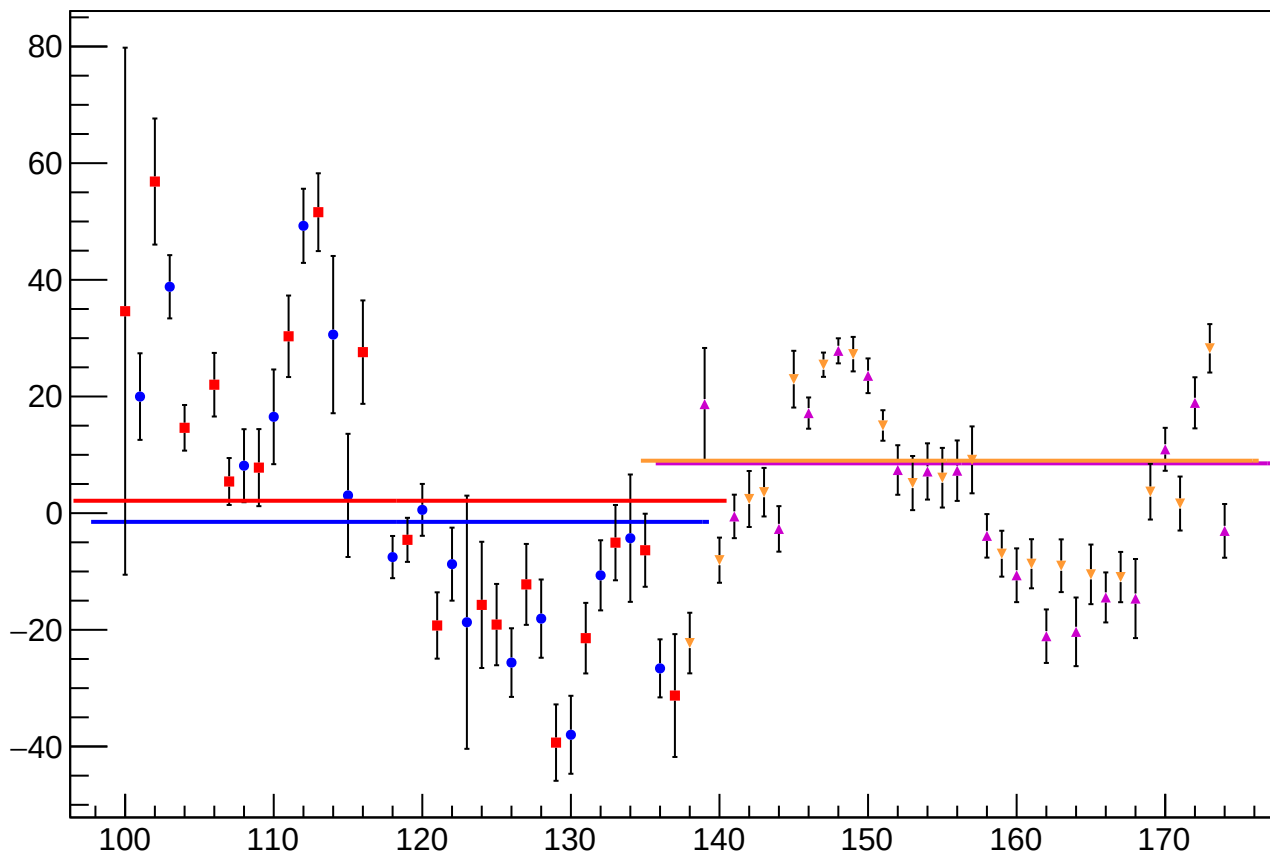
Left In: -247.571+/-1.295 χ^2/NDF : 761.8/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.585+/-0.918 χ^2/NDF : 1500.8/36

- 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: 8.993 ± 0.889 χ^2/NDF : 285.6/18

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

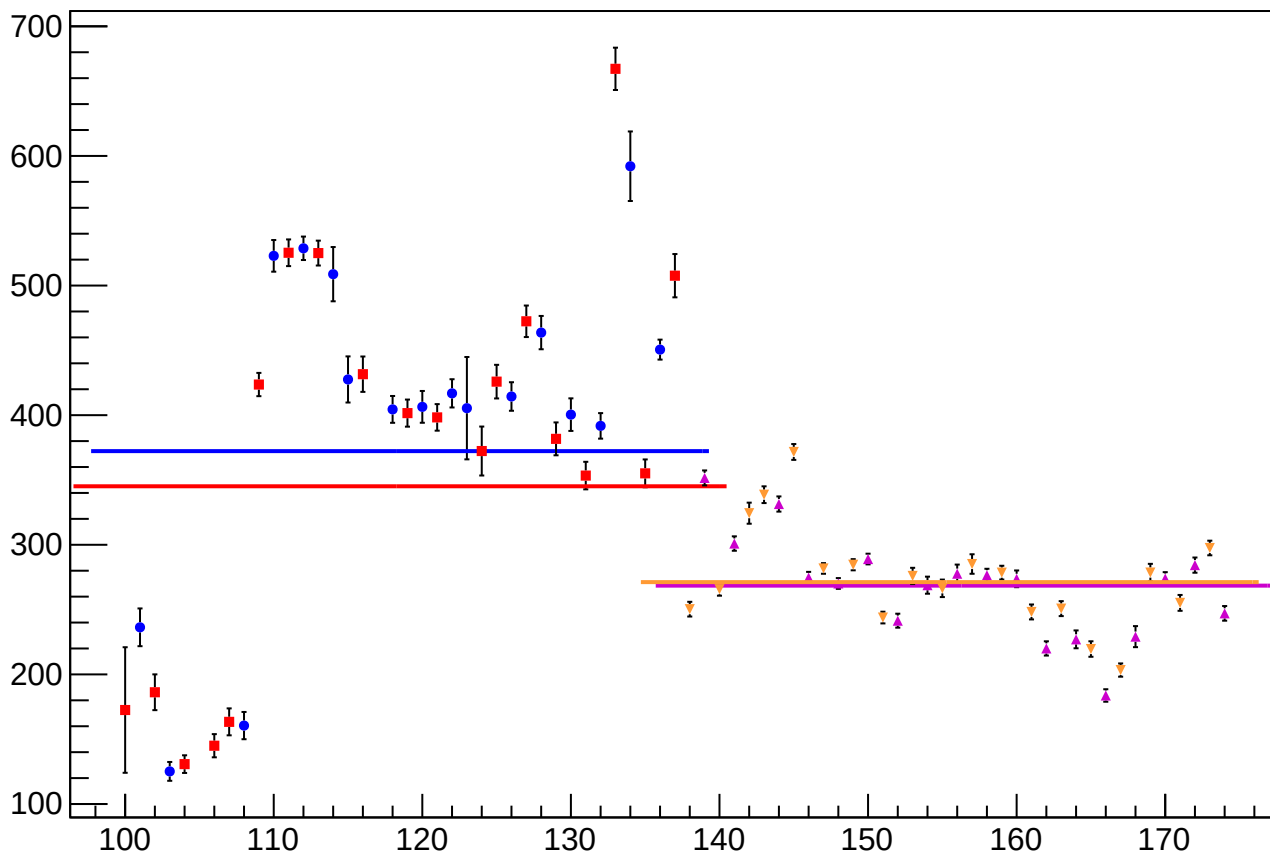
Left In: 8.538 ± 0.914 χ^2/NDF : 278.9/17

+ sign 6.302 ± 0.767 χ^2/NDF : 547.4/35

All: 6.465 ± 0.542 χ^2/NDF : 1073.7/72

- sign 6.627 ± 0.766 χ^2/NDF : 526.2/36

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 271.198 $\pm$ 1.285 χ^2 /NDF:804.9/18

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

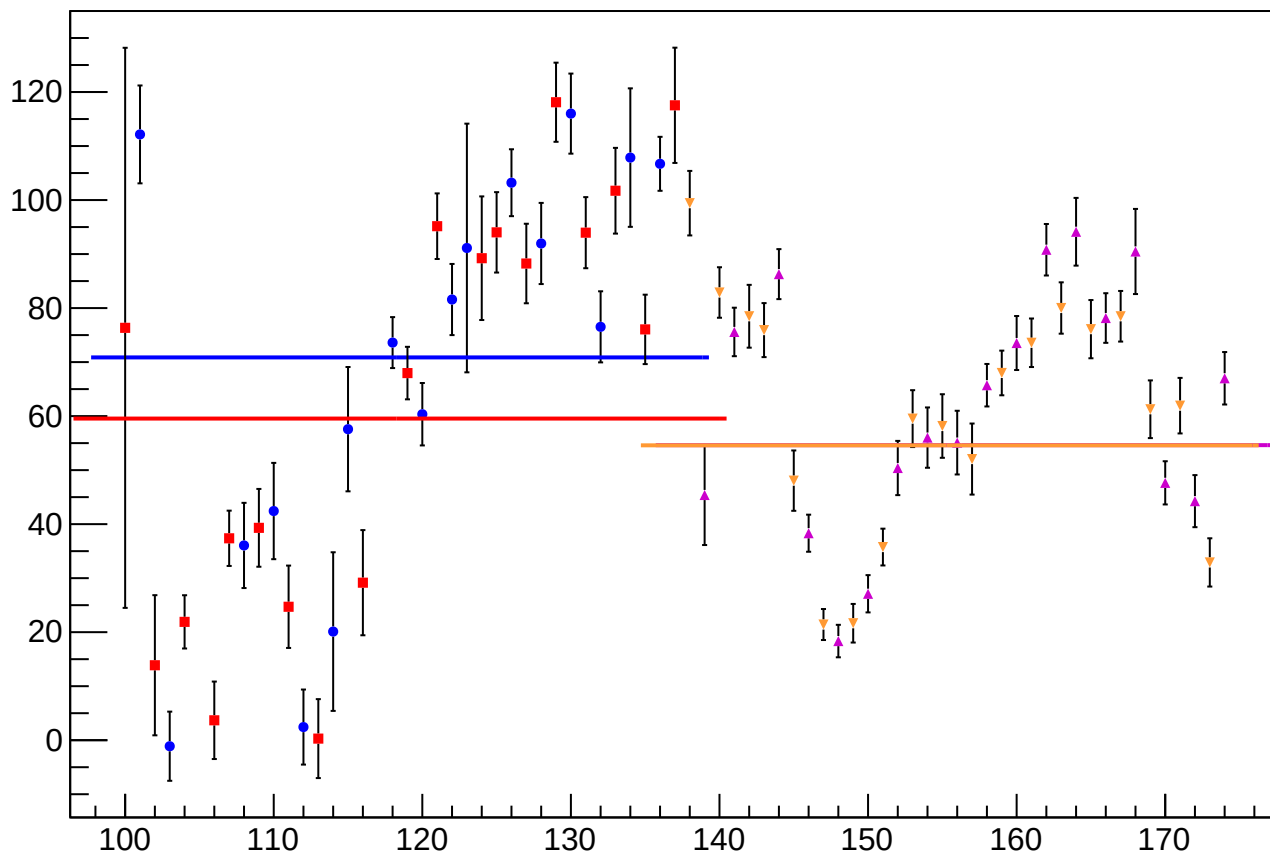
Left In: 268.486 $\pm$ 1.276 χ^2 /NDF:882.6/17

+ sign 289.207 $\pm$ 1.165 χ^2 /NDF: 4340.4/35

All: 286.407 $\pm$ 0.815 χ^2 /NDF: 9367.9/72

- sign 283.715 $\pm$ 1.142 χ^2 /NDF: 5016.2/36

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 54.590 $\pm$ 1.051 χ^2 /NDF: 506.0/18

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

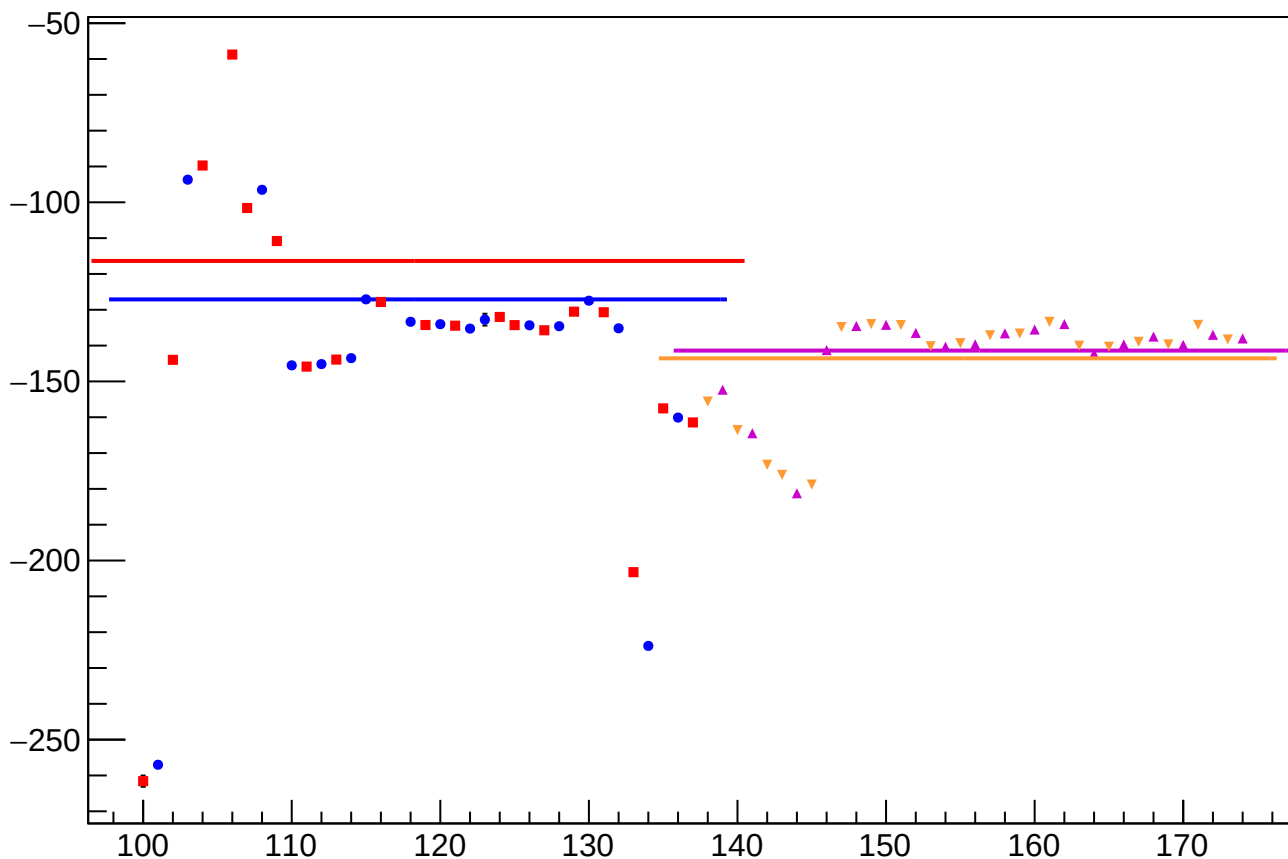
Left In: 54.625 $\pm$ 1.070 χ^2 /NDF: 482.7/17

+ sign 58.933 $\pm$ 0.900 χ^2 /NDF: 996.9/35

All: 57.510 $\pm$ 0.635 χ^2 /NDF: 1981.8/72

- sign 56.103 $\pm$ 0.895 χ^2 /NDF: 979.9/36

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 ± 0.089 $\chi^2/\text{NDF}: 167064.7/16$

Left Out: -143.553 ± 0.051 $\chi^2/\text{NDF}: 71728.4/18$

Right Out: -116.369 ± 0.083 $\chi^2/\text{NDF}: 167595.6/18$

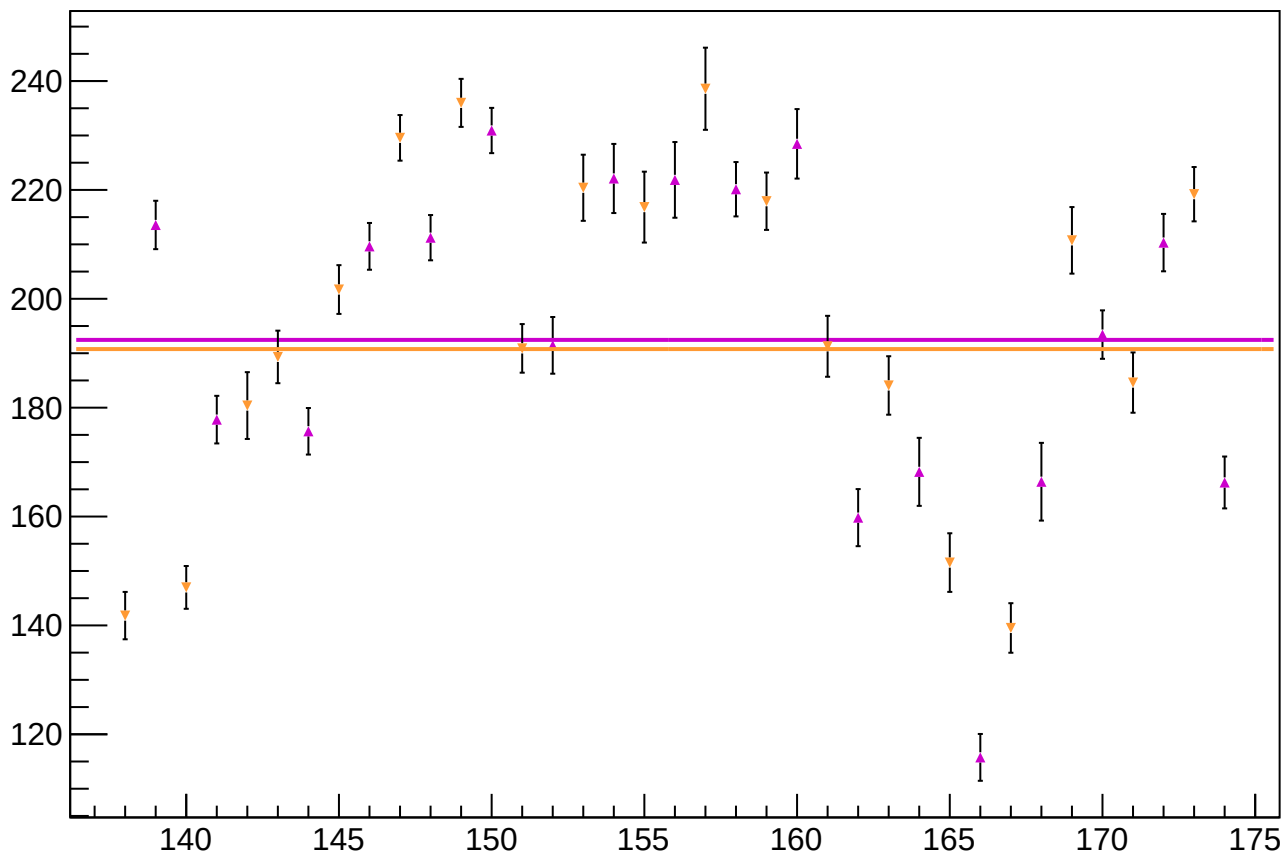
Left In: -141.393 ± 0.050 $\chi^2/\text{NDF}: 44804.3/17$

+ sign -139.525 ± 0.044 $\chi^2/\text{NDF}: 264335.9/35$

All: -137.031 ± 0.031 $\chi^2/\text{NDF}: 549549.2/72$

- sign -134.682 ± 0.043 $\chi^2/\text{NDF}: 279043.3/36$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 190.763+/-1.156 χ^2/NDF : 782.8/18

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

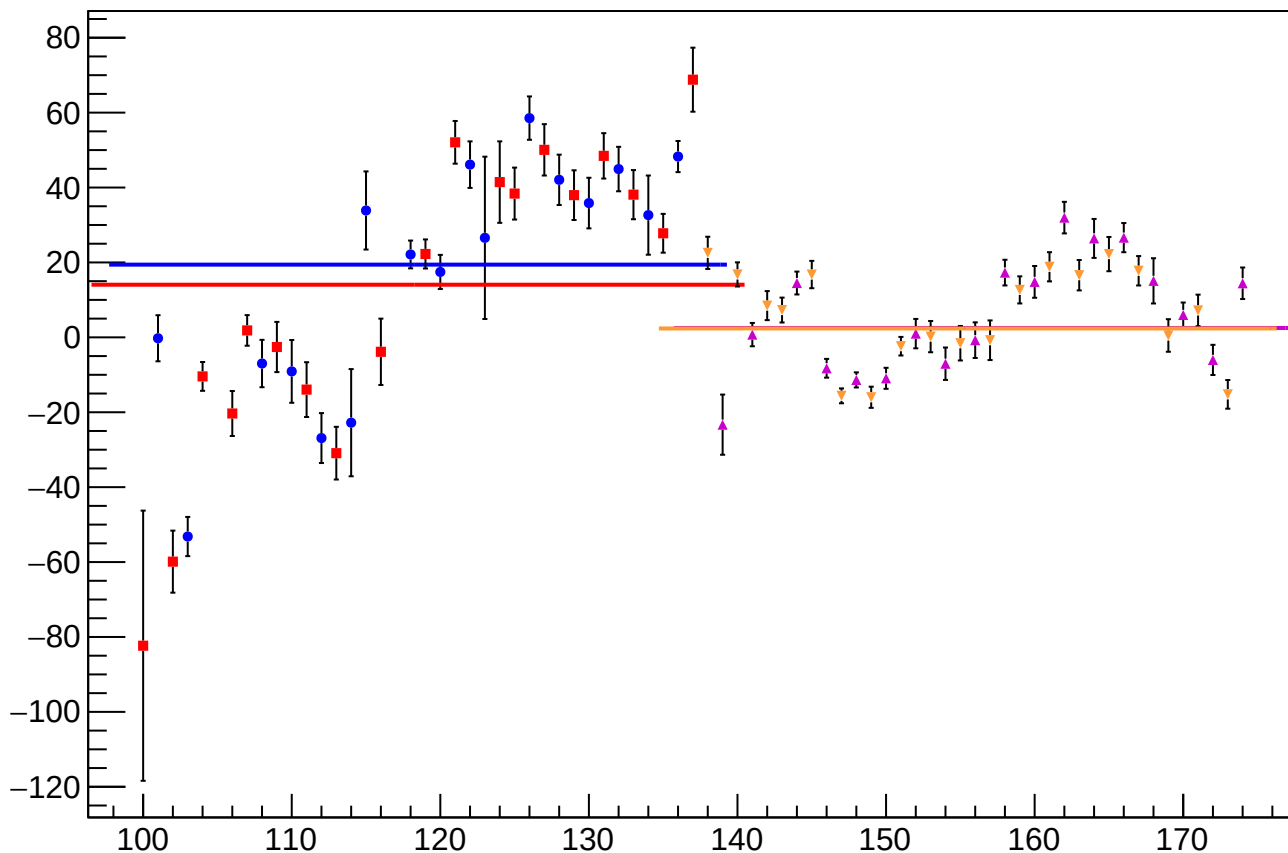
Left In: 192.452+/-1.162 χ^2/NDF : 700.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.603+/-0.819 χ^2/NDF : 1484.0/36

- 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: 2.371 ± 0.801 χ^2/NDF : 286.8/18

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

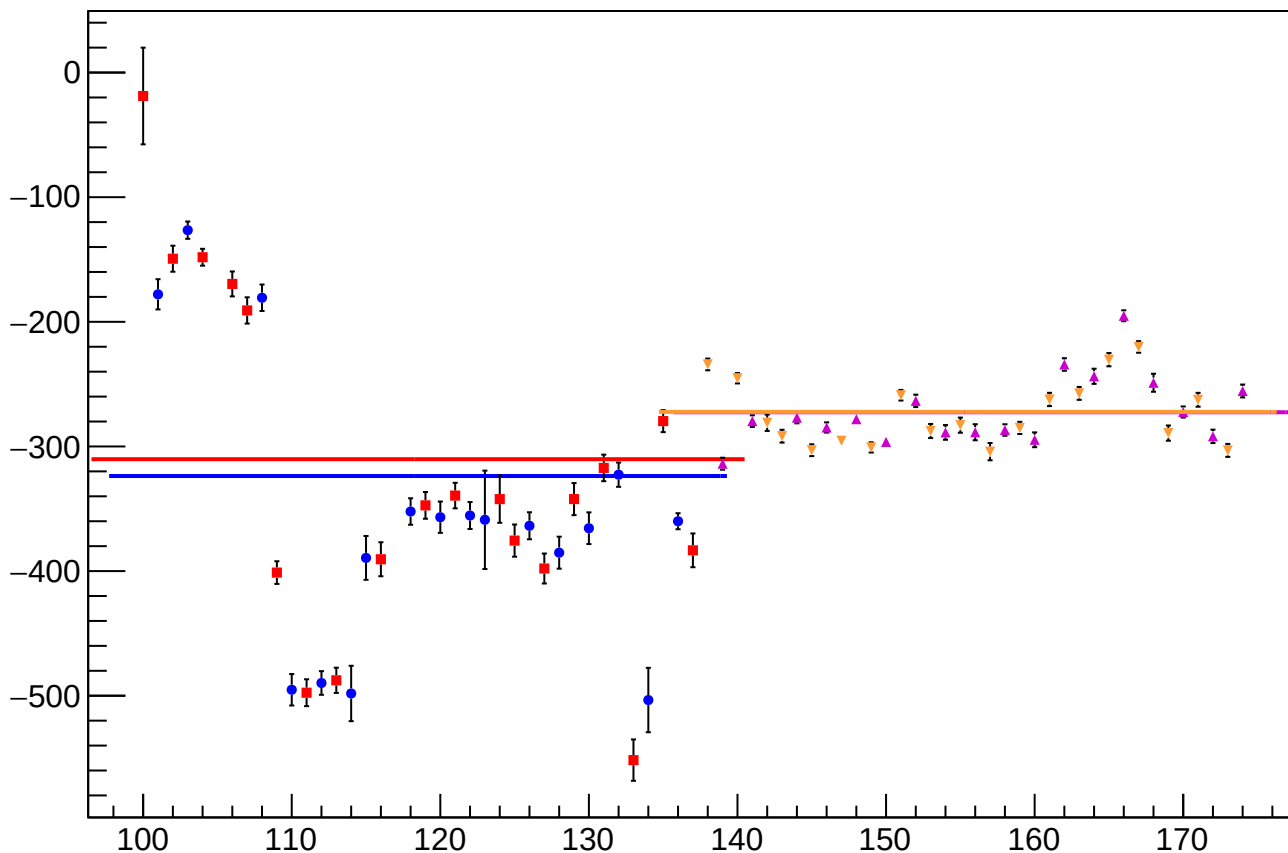
Left In: 2.501 ± 0.828 χ^2/NDF : 273.6/17

+ sign 6.236 ± 0.705 χ^2/NDF : 830.4/35

All: 5.883 ± 0.501 χ^2/NDF : 1592.0/72

- sign 5.523 ± 0.712 χ^2/NDF : 761.0/36

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 $\pm$ 2.668 χ^2/NDF : 1850.8/16

Left Out: -272.248 $\pm$ 1.149 χ^2/NDF : 540.4/18

Right Out: -310.223 $\pm$ 2.523 χ^2/NDF : 2300.0/18

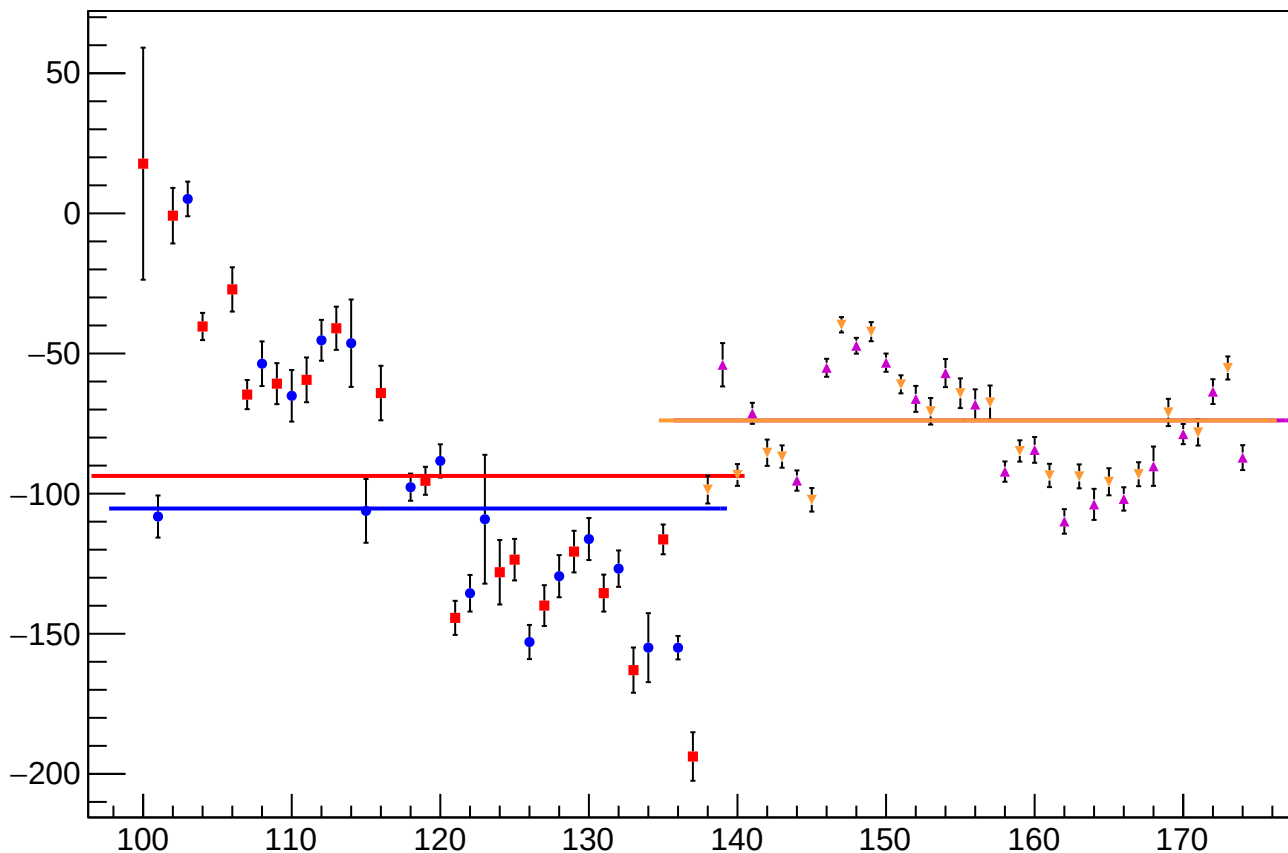
Left In: -272.572 $\pm$ 1.150 χ^2/NDF : 592.6/17

+ sign -280.303 $\pm$ 1.055 χ^2/NDF : 2705.1/35

All: -279.669 $\pm$ 0.743 χ^2/NDF : 5782.8/72

- sign -279.046 $\pm$ 1.046 χ^2/NDF : 3077.0/36

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 $\chi^2/\text{NDF}: 737.5/16$

Left Out: -73.880 ± 0.944 $\chi^2/\text{NDF}: 489.1/18$

Right Out: -93.680 ± 1.612 $\chi^2/\text{NDF}: 826.5/18$

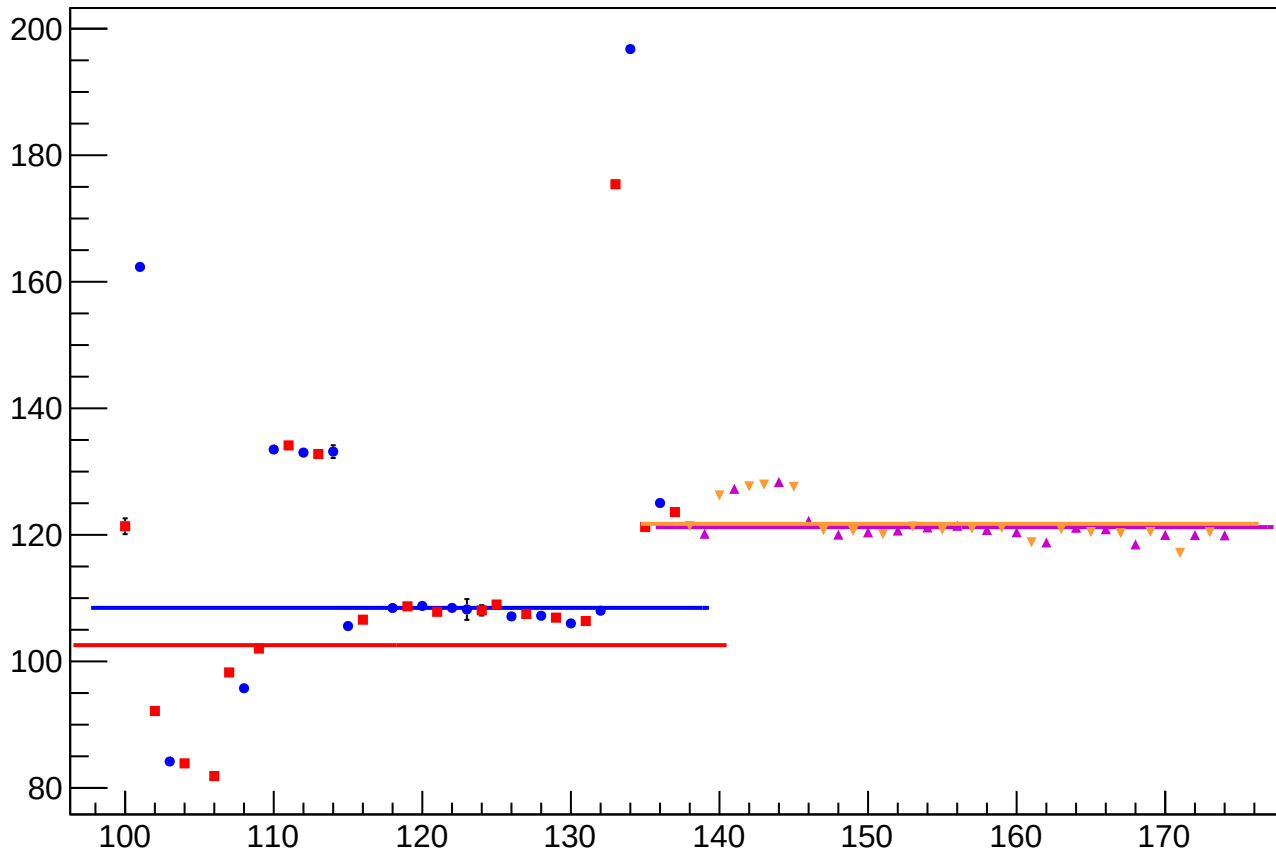
Left In: -73.867 ± 0.968 $\chi^2/\text{NDF}: 415.4/17$

+ sign -81.337 ± 0.825 $\chi^2/\text{NDF}: 1489.4/35$

All: -80.236 ± 0.585 $\chi^2/\text{NDF}: 2845.9/72$

- sign -79.120 ± 0.830 $\chi^2/\text{NDF}: 1353.0/36$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 $\pm$ 0.085 χ^2 /NDF: 73302.1/16

Left Out: 121.741 $\pm$ 0.045 χ^2 /NDF: 4139.3/18

Right Out: 102.570 $\pm$ 0.079 χ^2 /NDF: 53143.8/18

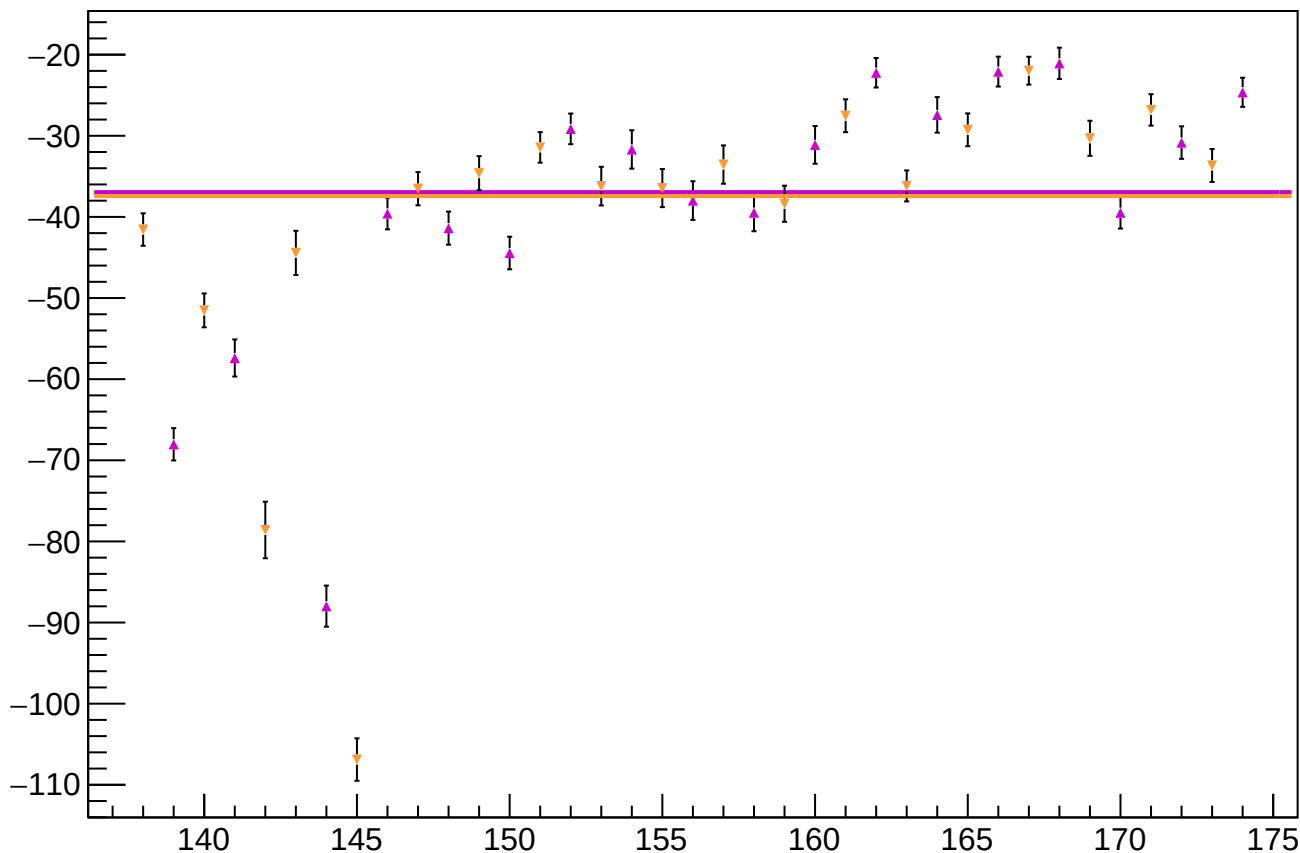
Left In: 121.227 $\pm$ 0.045 χ^2 /NDF: 2880.9/17

+ sign 118.768 $\pm$ 0.040 χ^2 /NDF: 96513.6/35

All: 117.695 $\pm$ 0.028 χ^2 /NDF: 195590.2/72

- sign 116.664 $\pm$ 0.039 χ^2 /NDF: 97671.0/36

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -37.433+/-0.491 χ^2/NDF :1080.6/18

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

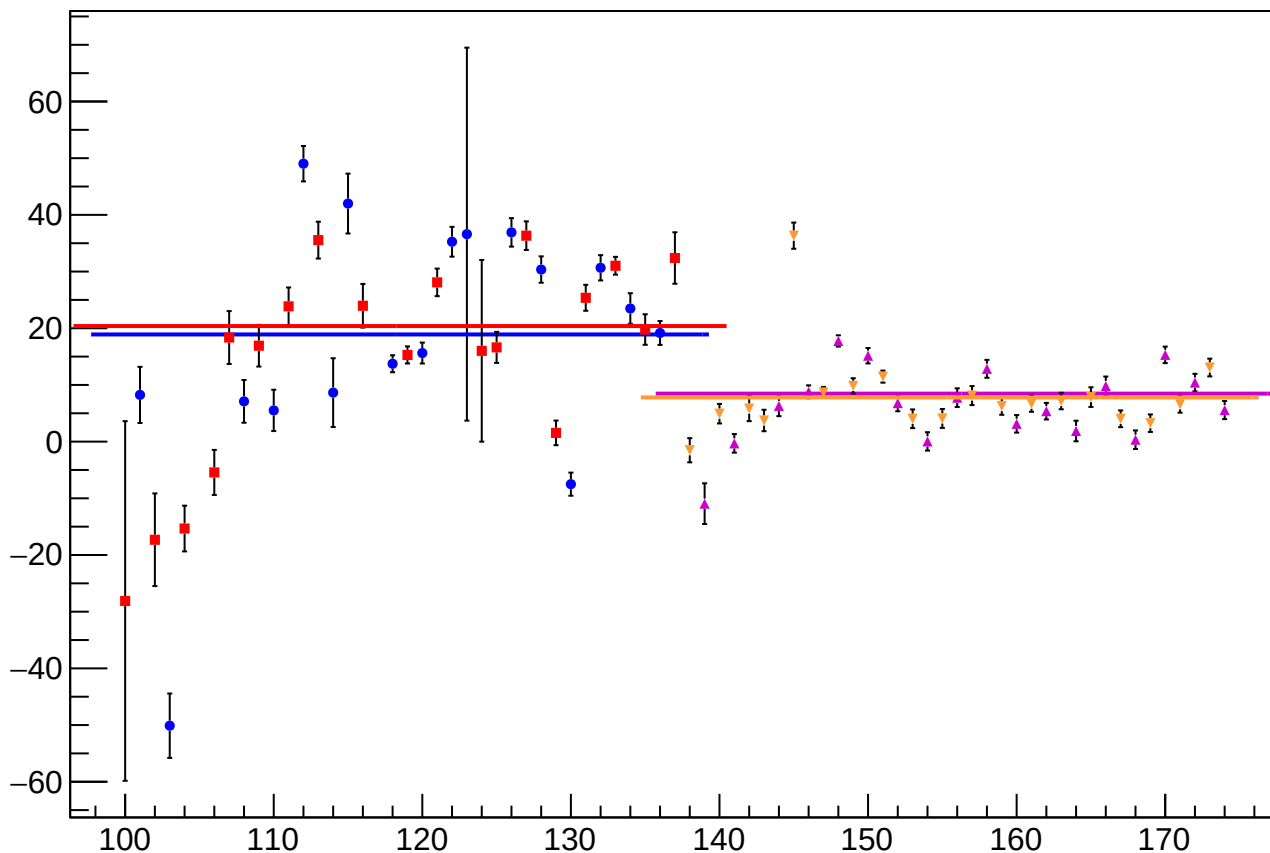
Left In: -36.945+/-0.485 χ^2/NDF :1054.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.186+/-0.345 χ^2/NDF : 2135.7/36

- 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: 7.793 ± 0.348 χ^2/NDF : 233.9/18

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

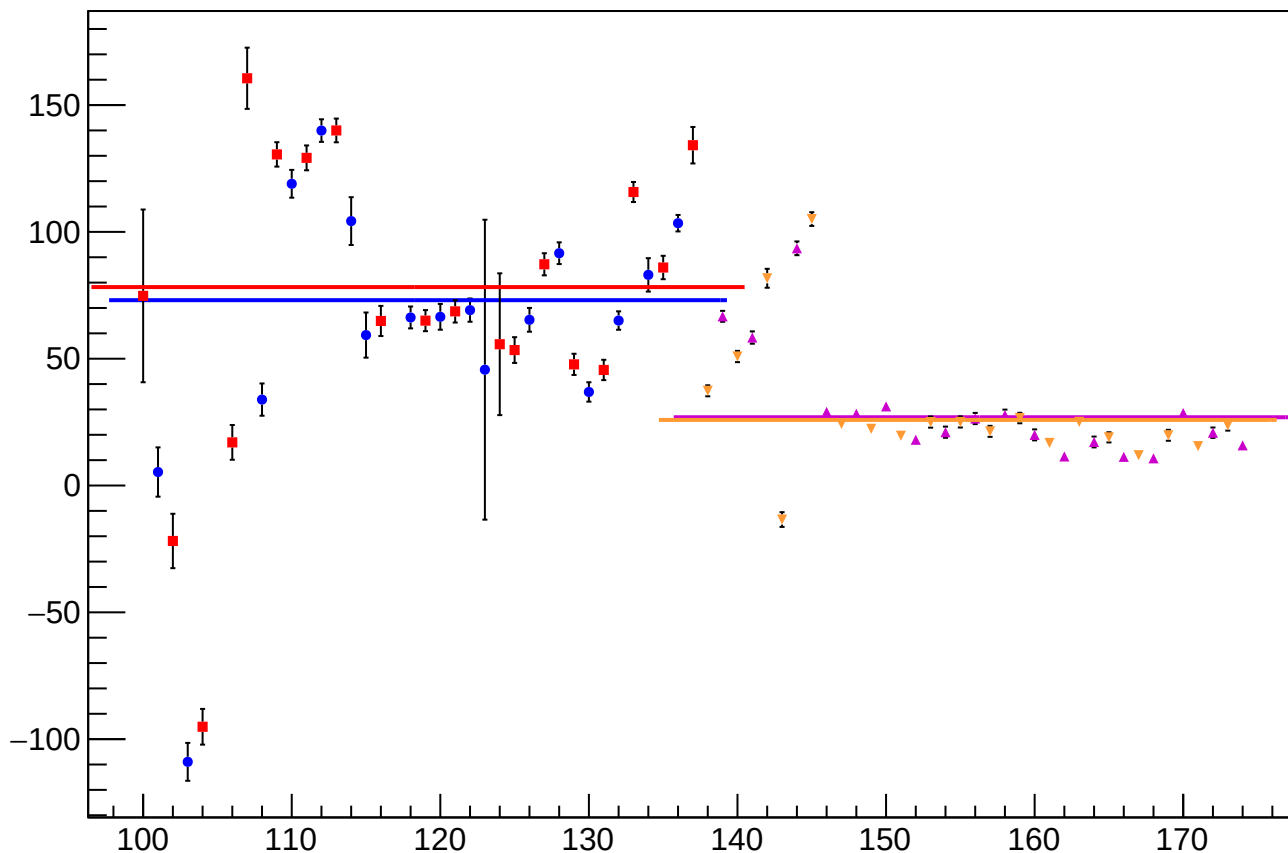
Left In: 8.466 ± 0.355 χ^2/NDF : 289.4/17

+ sign 10.308 ± 0.306 χ^2/NDF : 1083.6/35

All: 10.772 ± 0.218 χ^2/NDF : 2005.9/72

- sign 11.250 ± 0.311 χ^2/NDF : 917.6/36

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 25.863 $\pm$ 0.484 χ^2 /NDF:1572.9/18

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

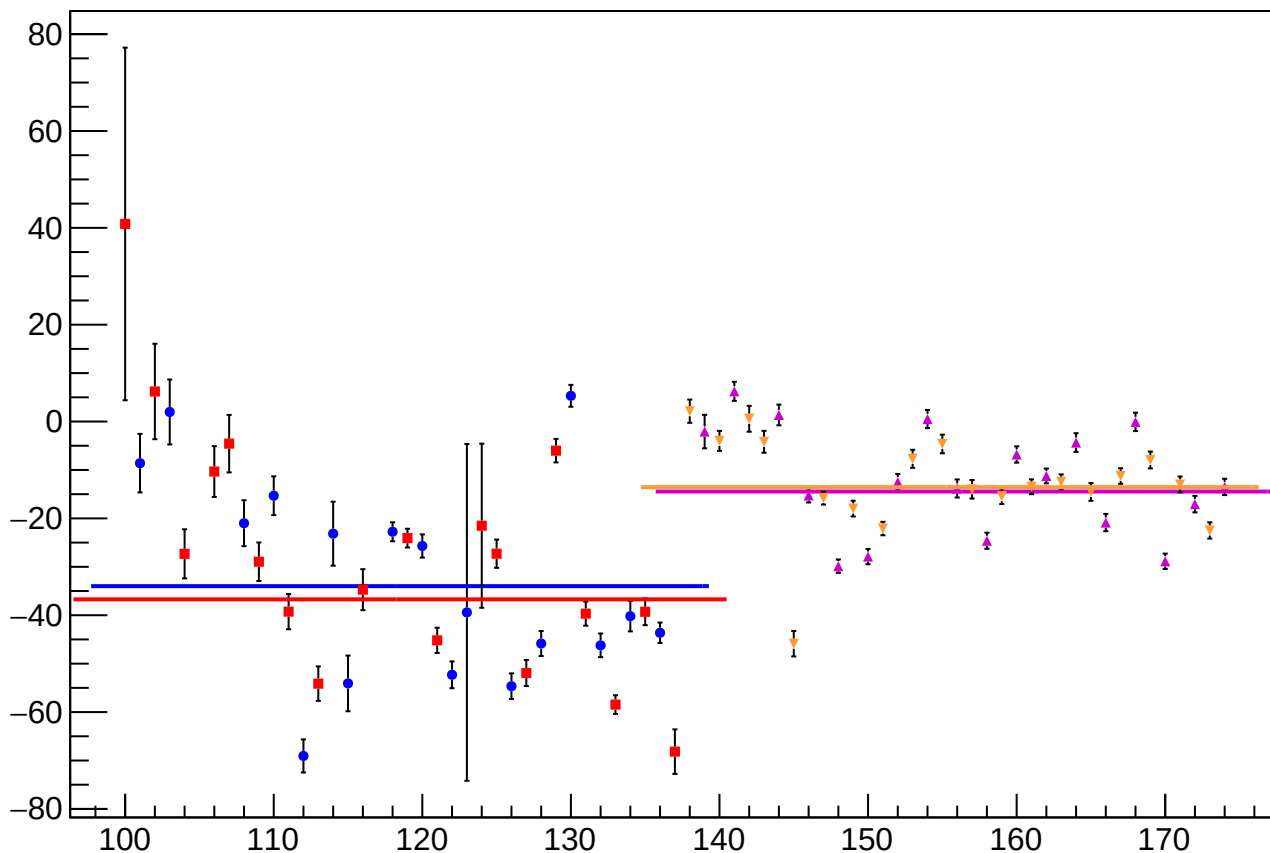
Left In: 26.917 $\pm$ 0.478 χ^2 /NDF:1439.8/17

+ sign 32.204 $\pm$ 0.450 χ^2 /NDF: 4052.5/35

All: 32.972 $\pm$ 0.316 χ^2 /NDF: 8569.4/72

- sign 33.723 $\pm$ 0.445 χ^2 /NDF: 4511.1/36

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.552 ± 0.403 χ^2/NDF : 382.9/18

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

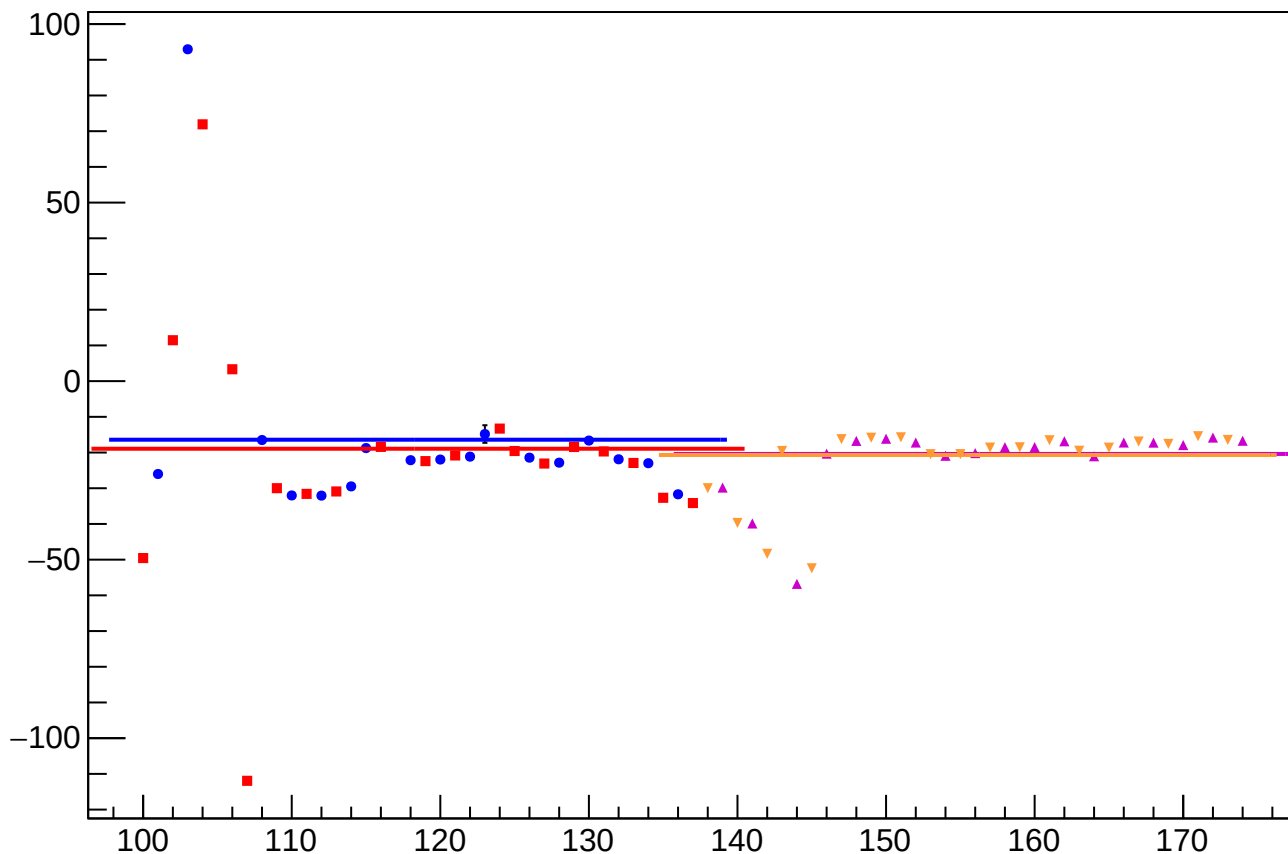
Left In: -14.457 ± 0.409 χ^2/NDF : 685.7/17

+ sign -18.268 ± 0.354 χ^2/NDF : 1695.6/35

All: -18.977 ± 0.251 χ^2/NDF : 3630.2/72

- sign -19.701 ± 0.358 χ^2/NDF : 1926.5/36

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -20.686 ± 0.019 $\chi^2/\text{NDF}: 201462.8/18$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

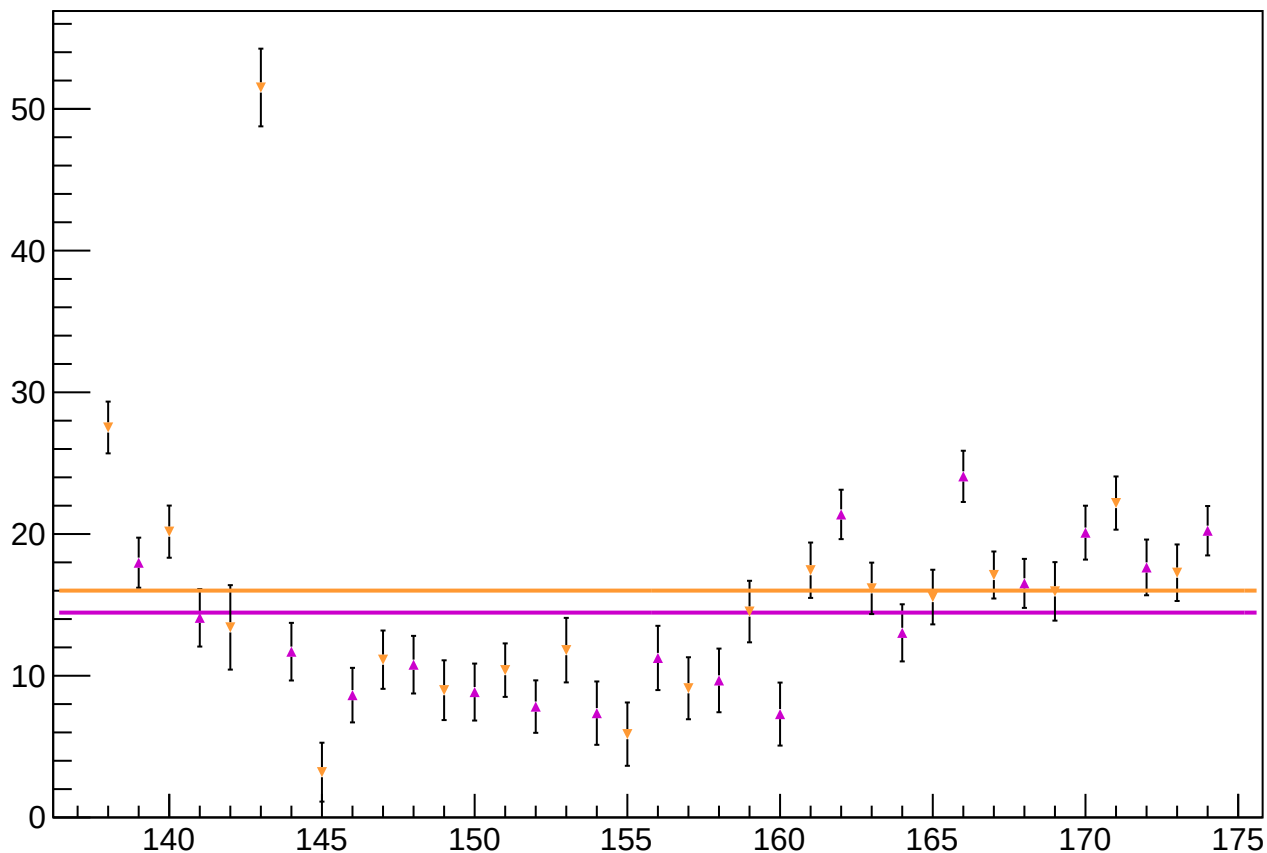
Left In: -20.396 ± 0.019 $\chi^2/\text{NDF}: 170452.1/17$

+ sign -20.039 ± 0.017 $\chi^2/\text{NDF}: 683702.5/35$

All: -20.113 ± 0.012 $\chi^2/\text{NDF}: 1289238.3/72$

- sign -20.186 ± 0.017 $\chi^2/\text{NDF}: 605498.9/36$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 16.008 $\pm$ 0.466 χ^2 /NDF:323.5/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

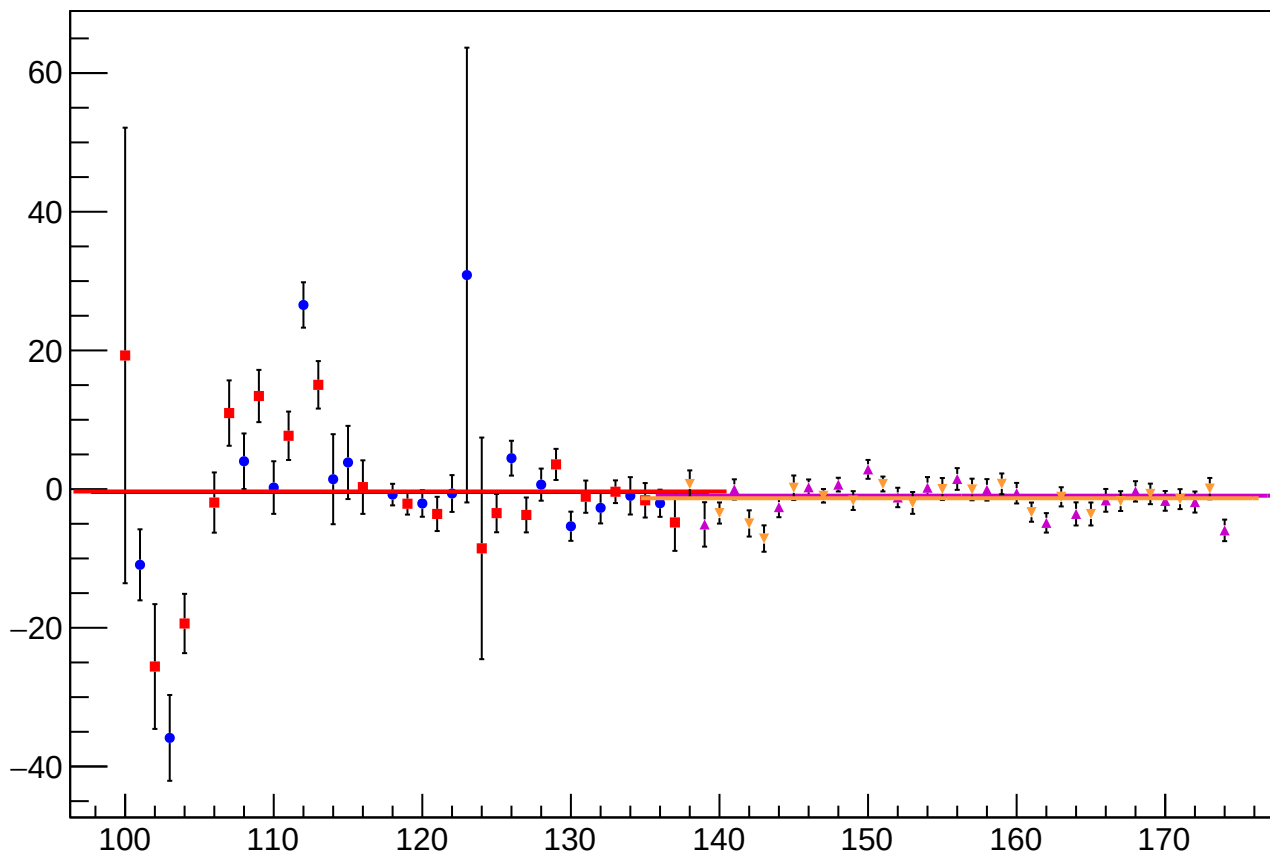
Left In: 14.455 $\pm$ 0.460 χ^2 /NDF:134.3/17

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.220 $\pm$ 0.327 χ^2 /NDF: 463.4/36

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -1.318 ± 0.334 χ^2/NDF : 29.2/18

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

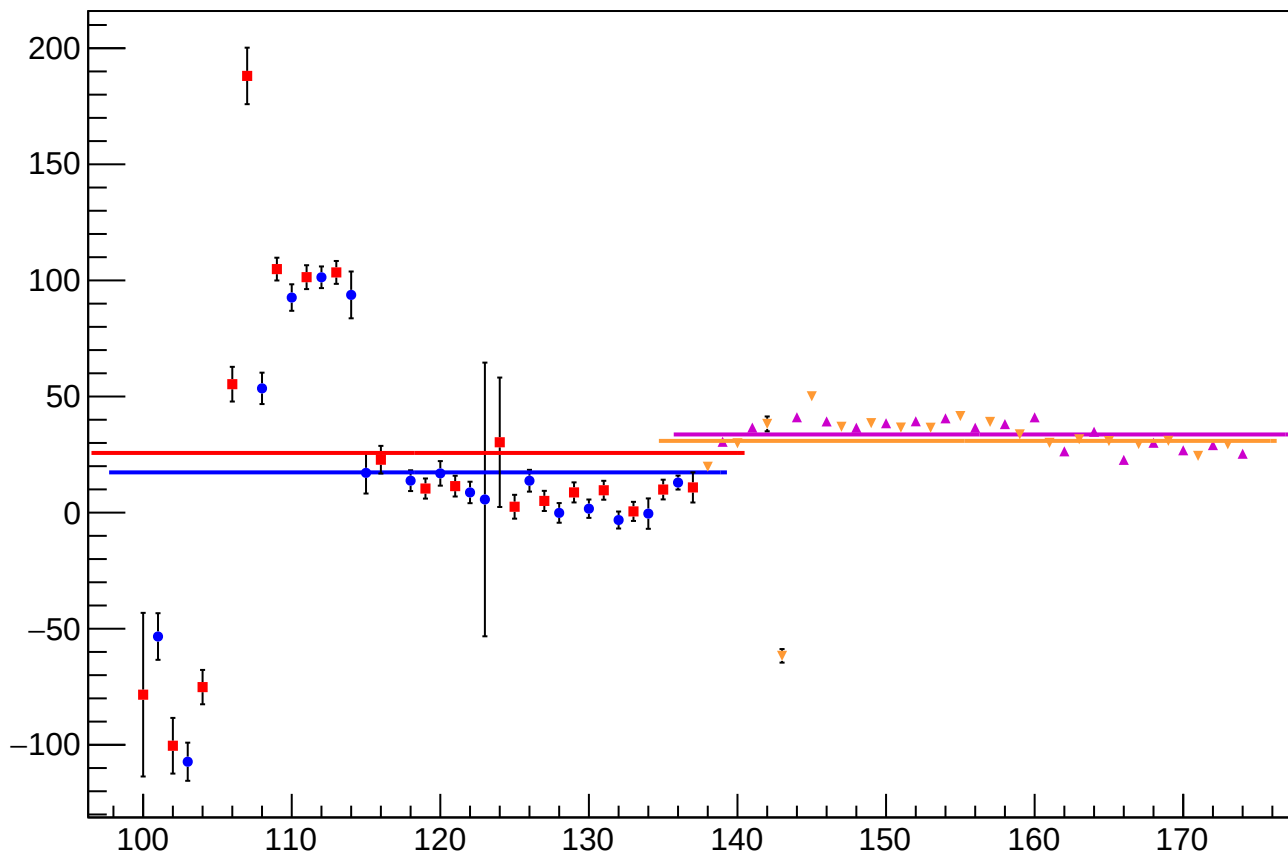
Left In: -0.949 ± 0.340 χ^2/NDF : 39.8/17

+ sign -1.130 ± 0.298 χ^2/NDF : 150.7/35

All: -0.978 ± 0.212 χ^2/NDF : 275.4/72

- sign -0.821 ± 0.302 χ^2/NDF : 124.2/36

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328 ± 1.239 χ^2/NDF : 943.2/16

Left Out: 30.893 ± 0.461 χ^2/NDF : 1215.8/18

Right Out: 25.701 ± 1.243 χ^2/NDF : 1379.1/18

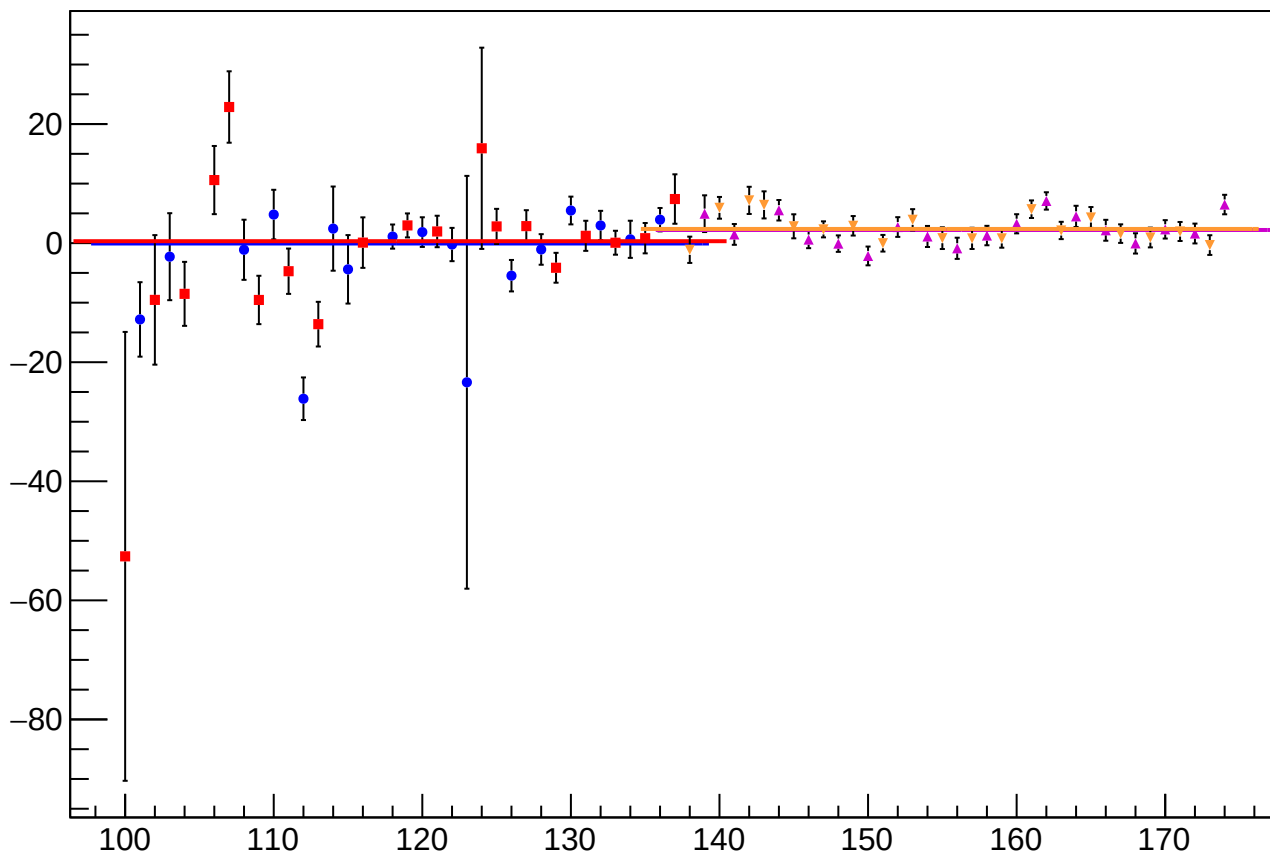
Left In: 33.660 ± 0.455 χ^2/NDF : 171.1/17

+ sign 29.242 ± 0.432 χ^2/NDF : 2264.2/35

All: 31.002 ± 0.304 χ^2/NDF : 3883.4/72

- sign 32.720 ± 0.427 χ^2/NDF : 1586.4/36

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.383 ± 0.386 χ^2/NDF : 30.3/18

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

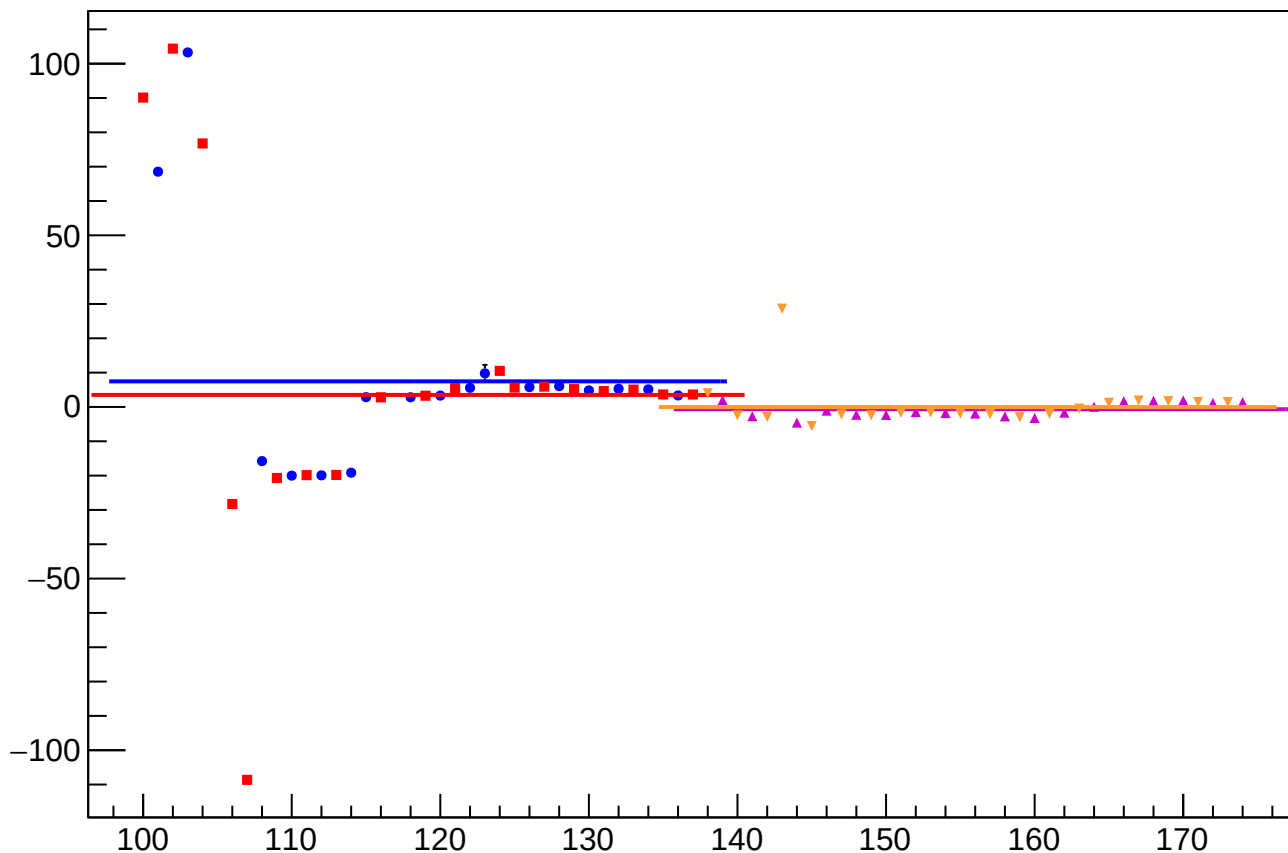
Left In: 2.210 ± 0.391 χ^2/NDF : 42.1/17

+ sign 1.863 ± 0.343 χ^2/NDF : 115.3/35

All: 1.835 ± 0.244 χ^2/NDF : 217.5/72

- sign 1.807 ± 0.347 χ^2/NDF : 102.1/36

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 $\chi^2/\text{NDF}: 356053.3/16$

Left Out: -0.039 ± 0.018 $\chi^2/\text{NDF}: 76865.4/18$

Right Out: 3.502 ± 0.046 $\chi^2/\text{NDF}: 510579.7/18$

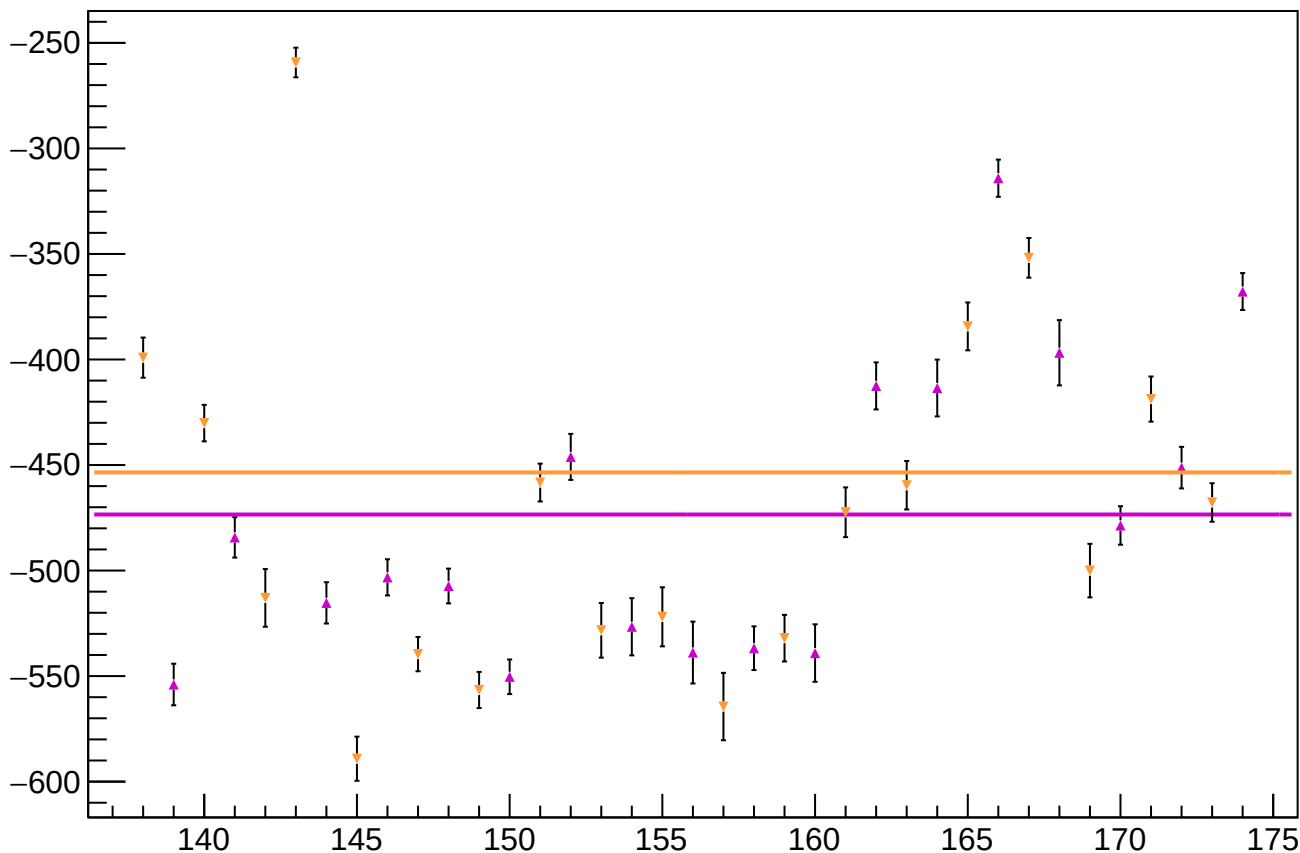
Left In: -0.667 ± 0.018 $\chi^2/\text{NDF}: 12630.4/17$

+ sign 1.003 ± 0.017 $\chi^2/\text{NDF}: 457415.9/35$

All: 0.434 ± 0.012 $\chi^2/\text{NDF}: 990253.7/72$

- sign -0.125 ± 0.016 $\chi^2/\text{NDF}: 530499.0/36$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -453.502+/-2.327 χ^2/NDF :1590.5/18

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

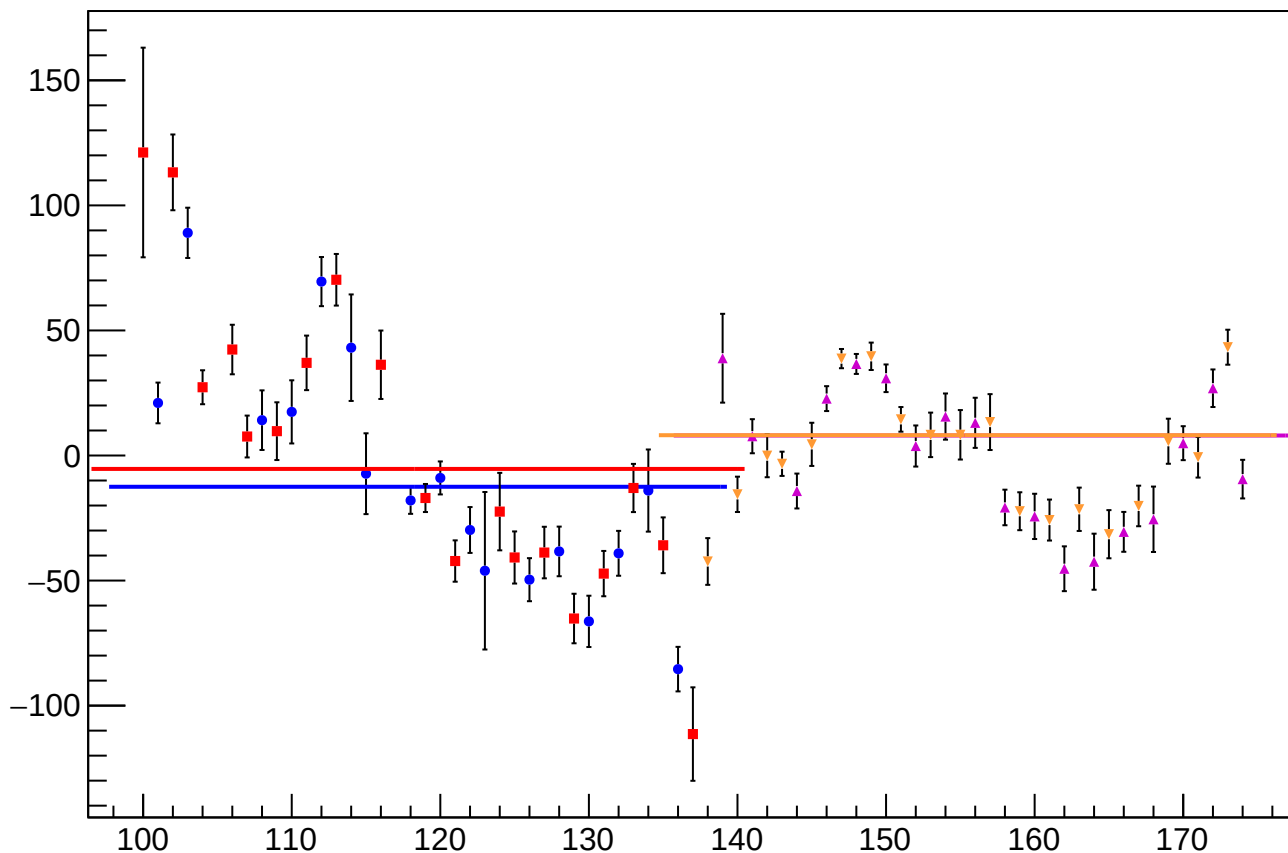
Left In: -473.449+/-2.396 χ^2/NDF :858.6/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -463.185+/-1.670 χ^2/NDF : 2484.7/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: 8.118 ± 1.594 χ^2/NDF : 246.1/18

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

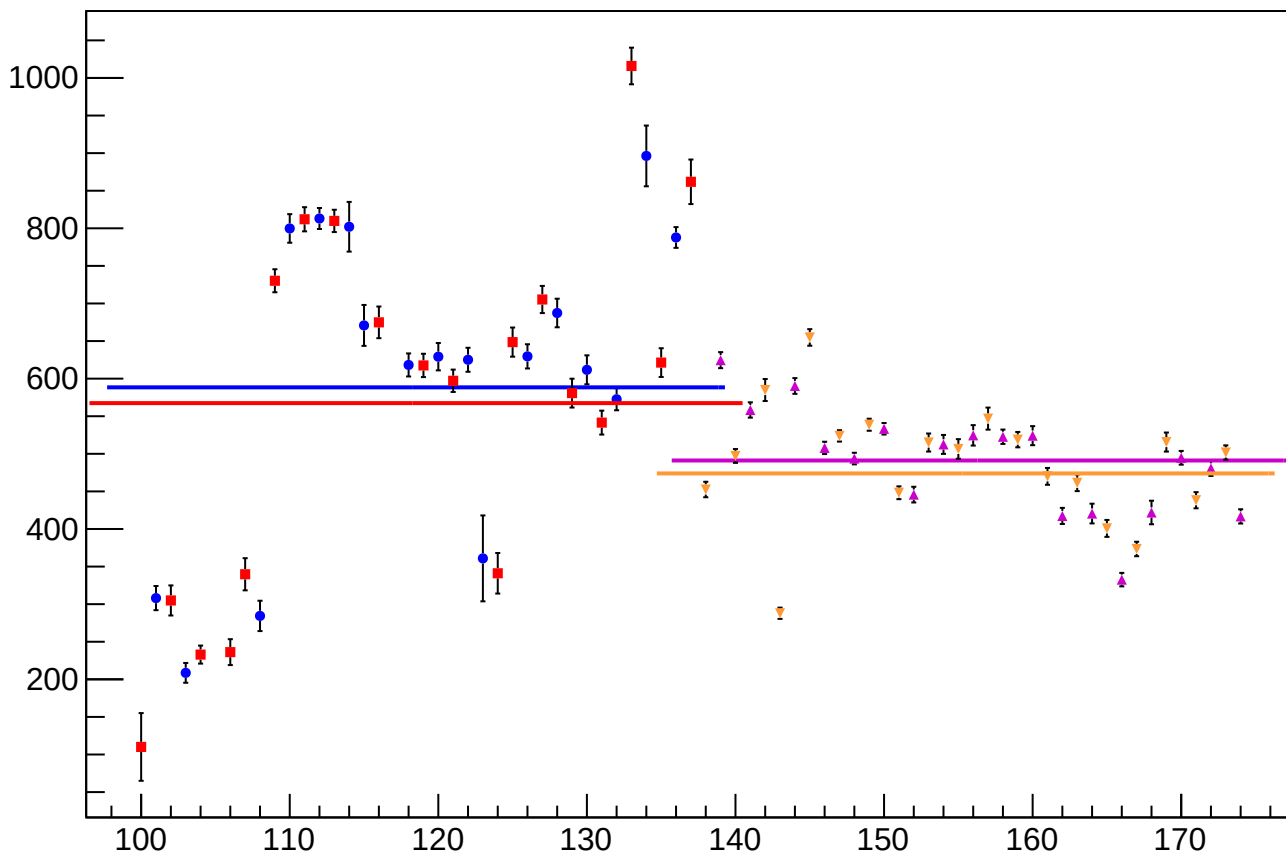
Left In: 7.992 ± 1.695 χ^2/NDF : 218.0/17

+ sign 1.470 ± 1.312 χ^2/NDF : 641.1/35

All: 2.304 ± 0.943 χ^2/NDF : 1226.8/72

- sign 3.195 ± 1.357 χ^2/NDF : 584.9/36

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 $\pm$ 4.320 χ^2 /NDF: 2130.2/16

Left Out: 473.918 $\pm$ 2.316 χ^2 /NDF:1317.1/18

Right Out: 567.451 $\pm$ 4.137 χ^2 /NDF: 2784.8/18

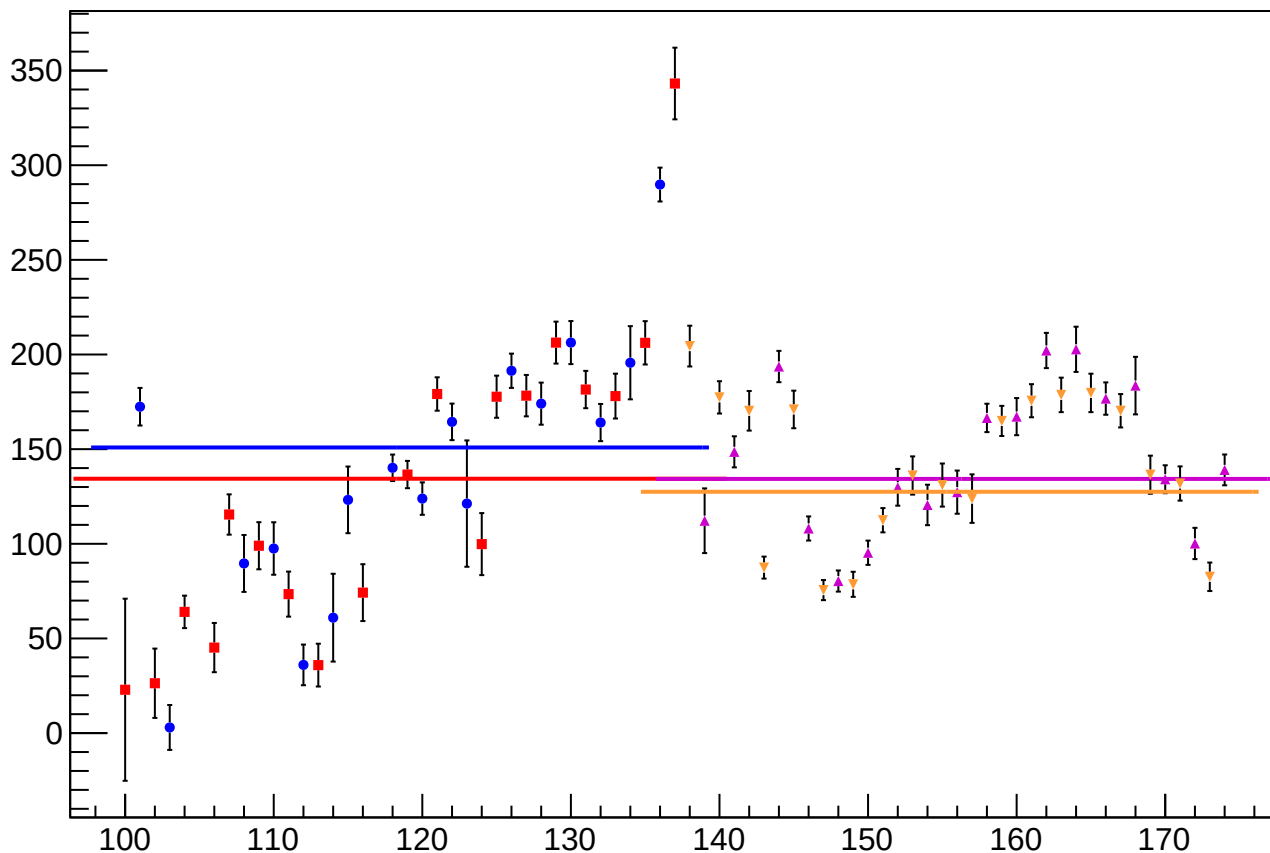
Left In: 491.122 $\pm$ 2.368 χ^2 /NDF:840.6/17

+ sign 499.480 $\pm$ 2.041 χ^2 /NDF: 3992.9/35

All: 504.686 $\pm$ 1.448 χ^2 /NDF: 7887.9/72

- sign 509.963 $\pm$ 2.055 χ^2 /NDF: 3881.9/36

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 $\chi^2/\text{NDF}: 634.8/16$

Left Out: 127.486 ± 1.887 $\chi^2/\text{NDF}: 496.0/18$

Right Out: 134.381 ± 2.620 $\chi^2/\text{NDF}: 584.9/18$

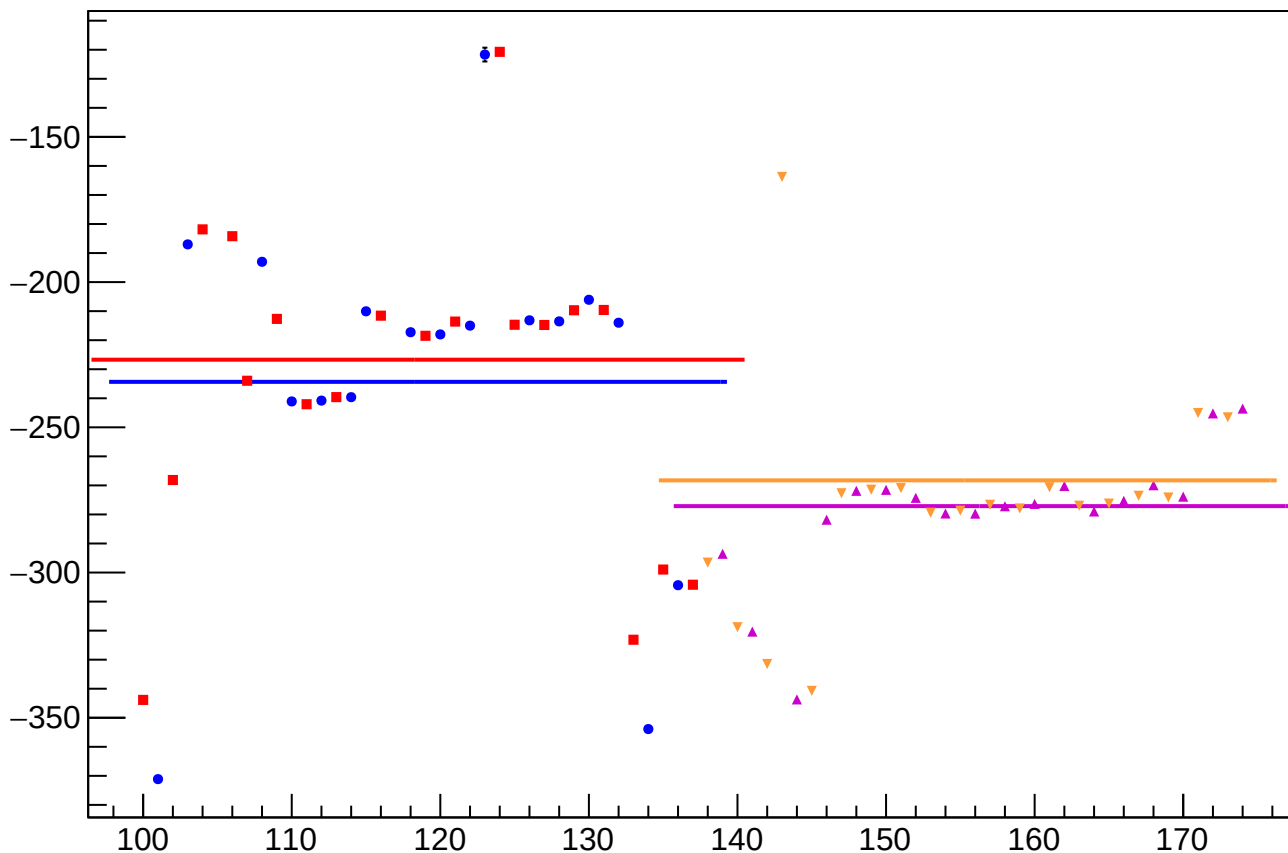
Left In: 134.280 ± 1.985 $\chi^2/\text{NDF}: 374.0/17$

+ sign 135.269 ± 1.542 $\chi^2/\text{NDF}: 1181.9/35$

All: 134.805 ± 1.104 $\chi^2/\text{NDF}: 2141.0/72$

- sign 134.316 ± 1.582 $\chi^2/\text{NDF}: 958.9/36$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -268.264+/-0.092 χ^2/NDF : 191882.2/18

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

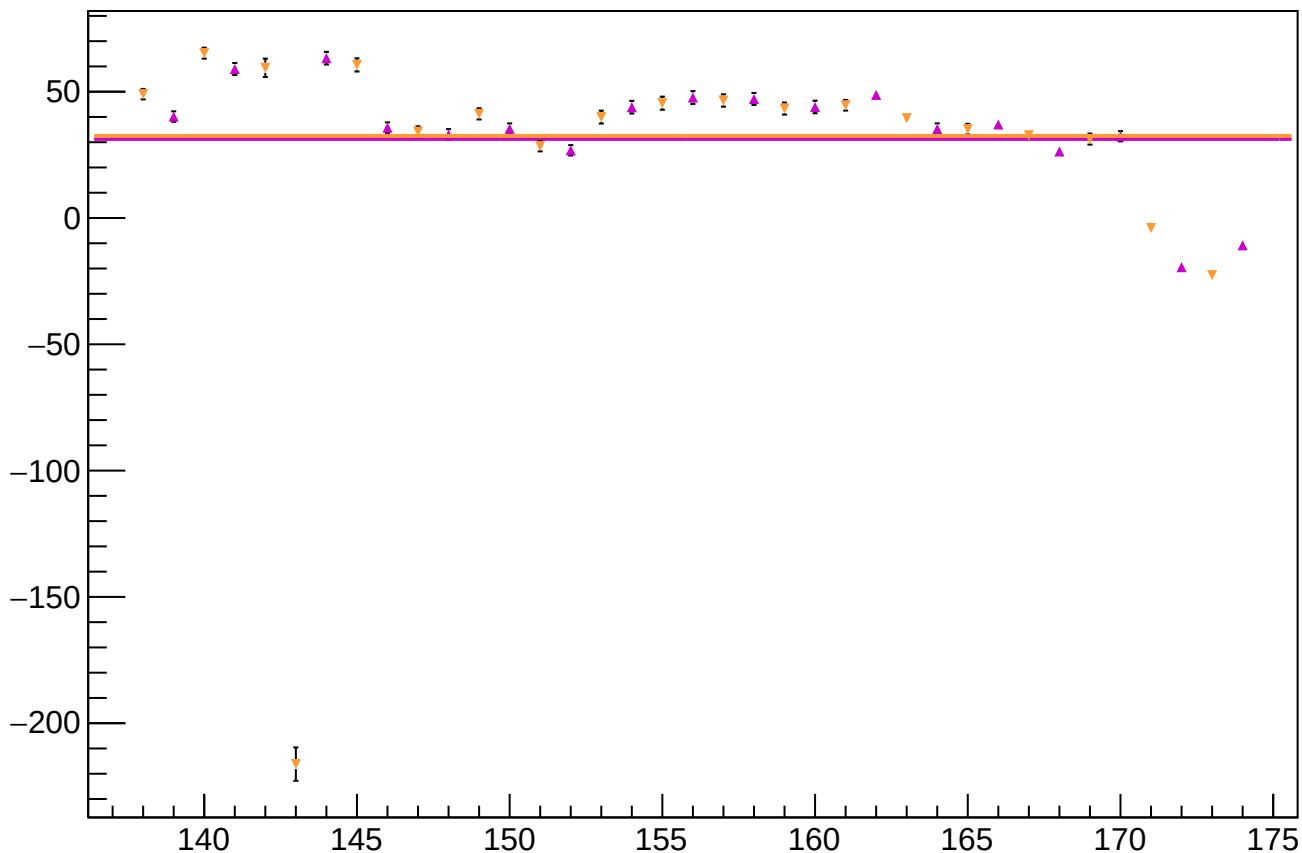
Left In: -277.132+/-0.093 χ^2/NDF : 52766.6/17

+ sign -258.852+/-0.078 χ^2/NDF : 374851.3/35

All: -260.362+/-0.055 χ^2/NDF : 616511.1/72

- sign -261.859+/-0.078 χ^2/NDF : 240915.5/36

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 32.481+/-0.516 χ^2/NDF : 3206.5/18

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

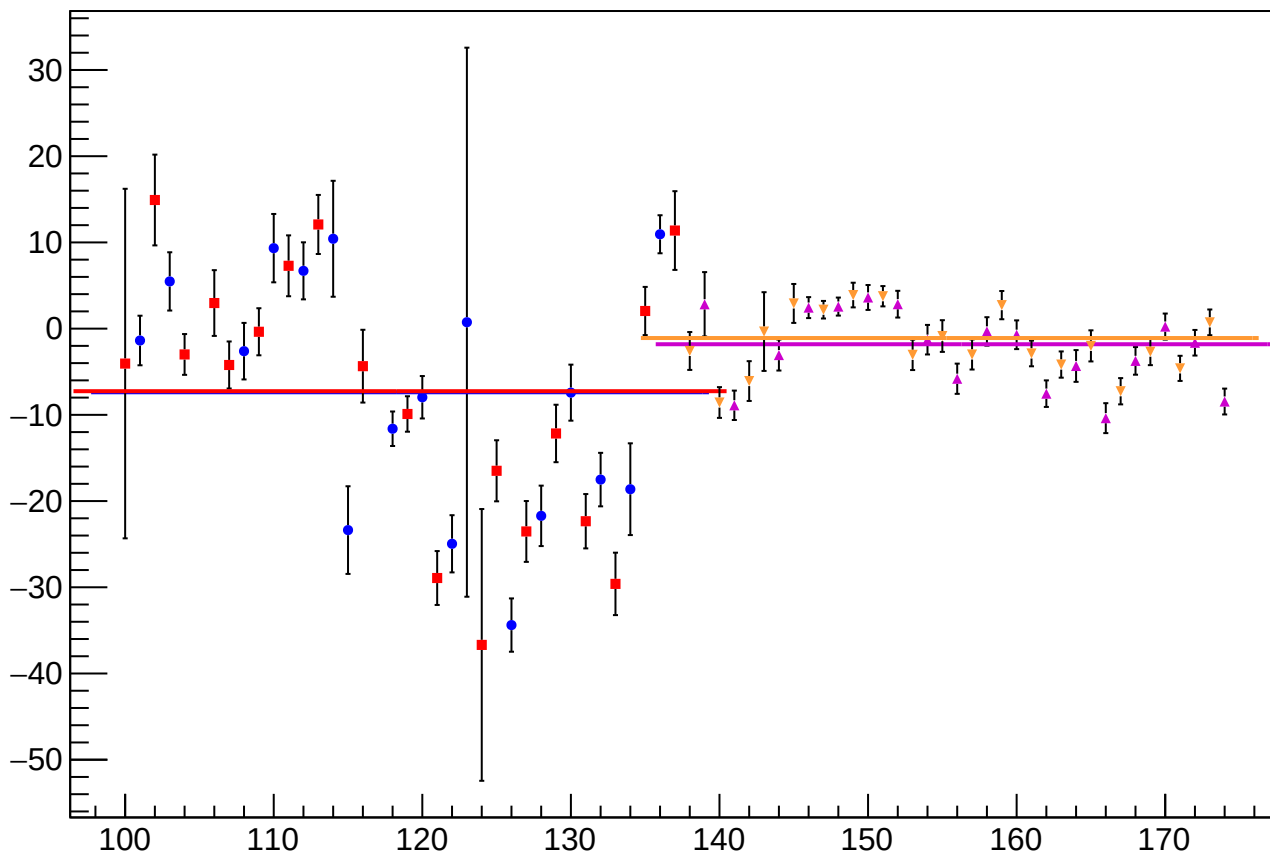
Left In: 31.327+/-0.499 χ^2/NDF : 1883.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.885+/-0.359 χ^2/NDF : 5093.0/36

- 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: -1.090 ± 0.368 χ^2/NDF : 103.8/18

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

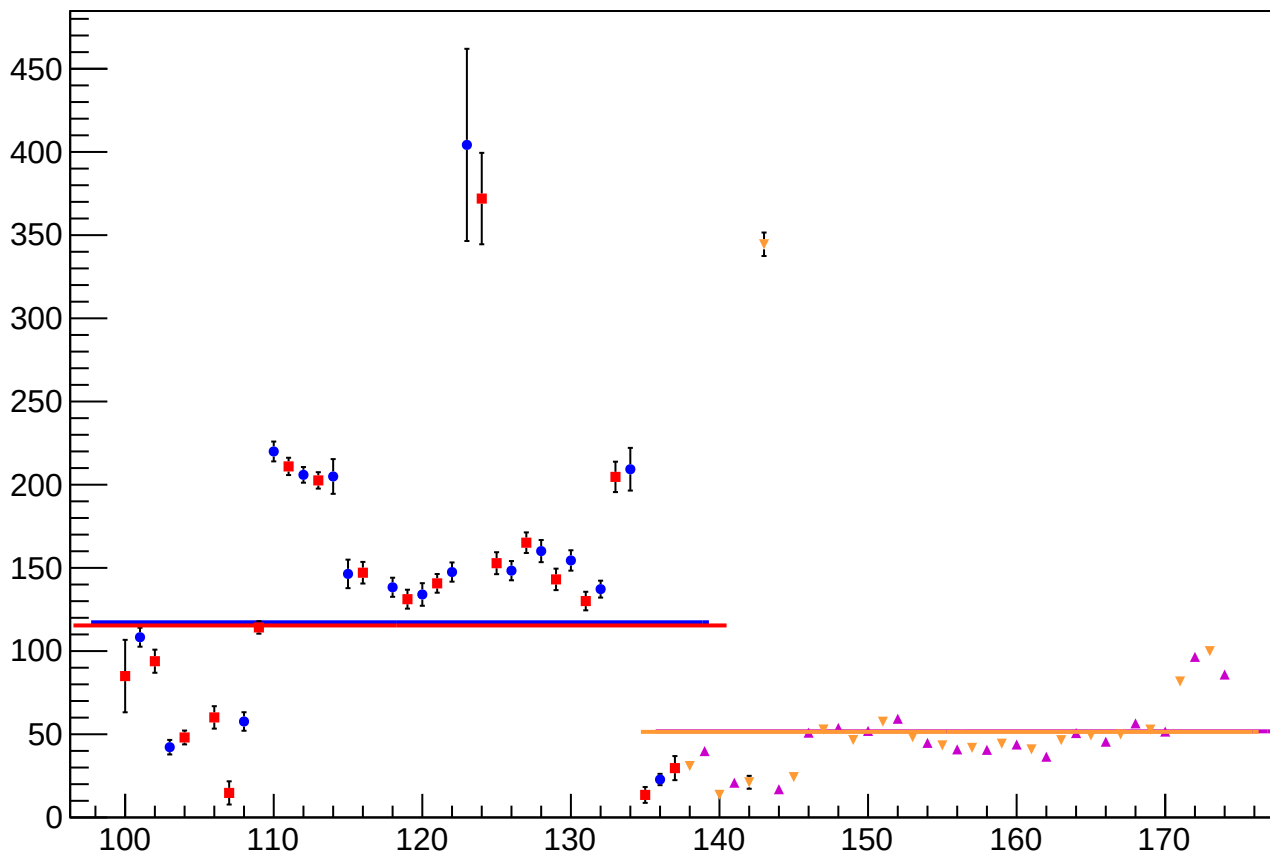
Left In: -1.810 ± 0.368 χ^2/NDF : 141.6/17

+ sign -2.238 ± 0.333 χ^2/NDF : 440.8/35

All: -2.540 ± 0.235 χ^2/NDF : 882.8/72

- sign -2.840 ± 0.331 χ^2/NDF : 440.4/36

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 ± 1.409 $\chi^2/\text{NDF}: 2161.3/16$

Left Out: 51.452 ± 0.508 $\chi^2/\text{NDF}: 3157.3/18$

Right Out: 115.405 ± 1.361 $\chi^2/\text{NDF}: 2150.5/18$

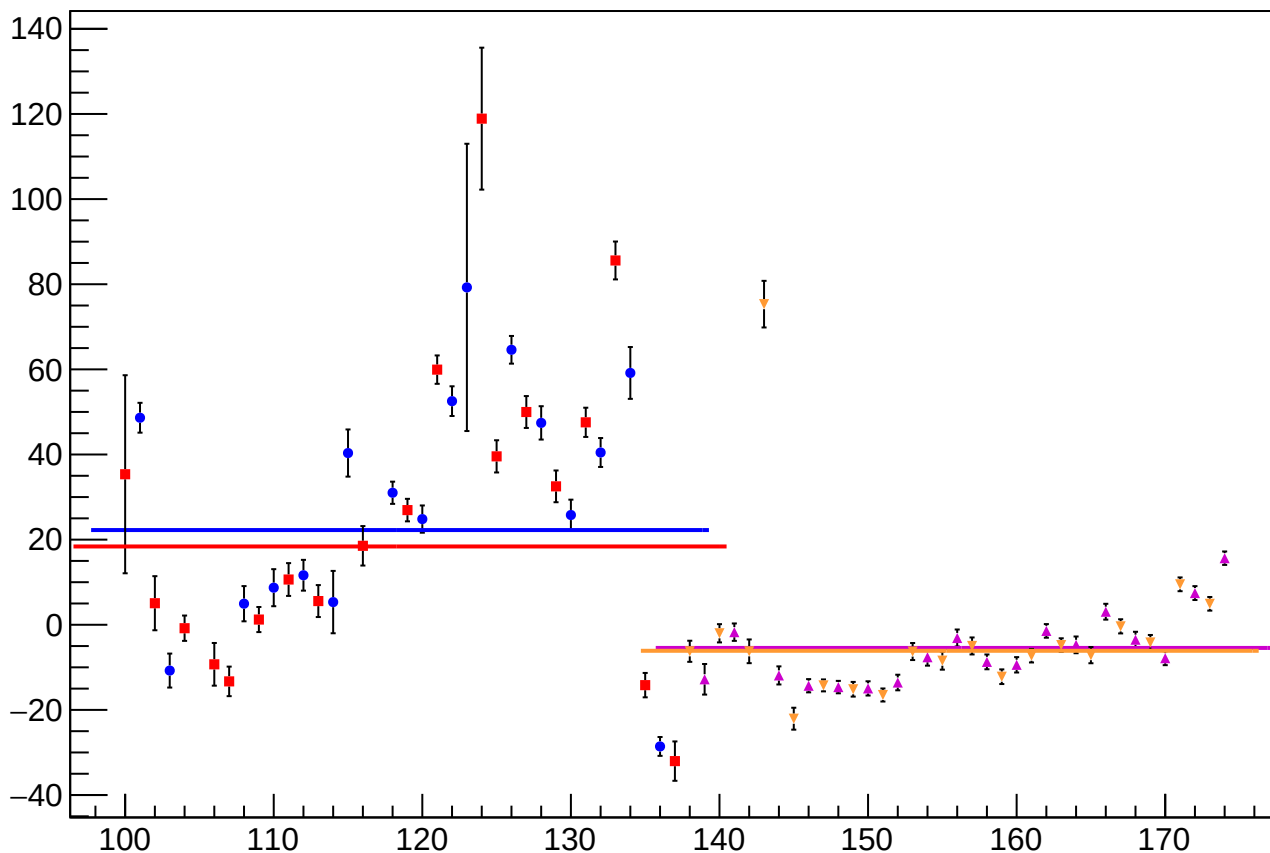
Left In: 51.766 ± 0.494 $\chi^2/\text{NDF}: 1376.3/17$

+ sign 59.040 ± 0.478 $\chi^2/\text{NDF}: 7252.2/35$

All: 59.108 ± 0.333 $\chi^2/\text{NDF}: 12712.1/72$

- sign 59.172 ± 0.464 $\chi^2/\text{NDF}: 5459.9/36$

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -6.113 $\pm$ 0.425 χ^2 /NDF: 539.4/18

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

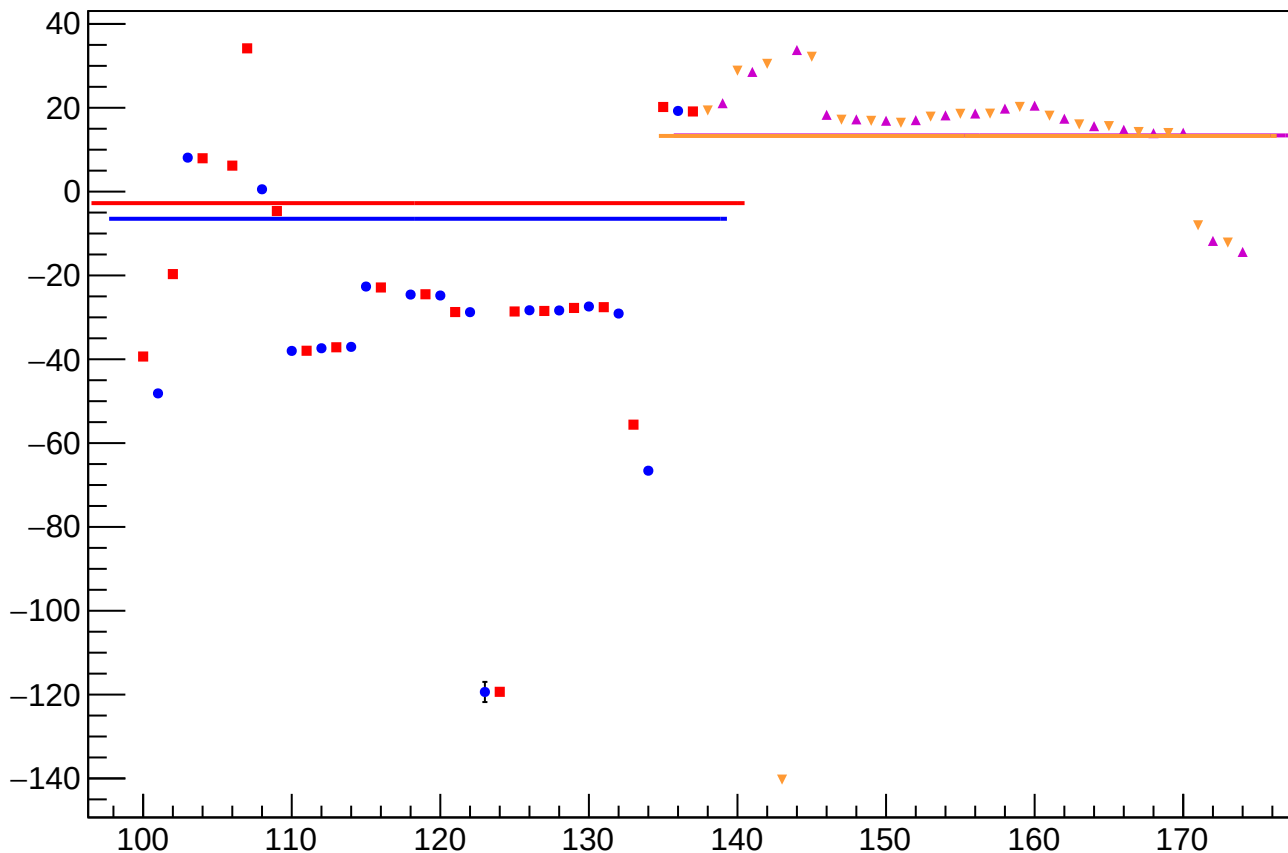
Left In: -5.443 $\pm$ 0.423 χ^2 /NDF: 422.8/17

+ sign -0.843 $\pm$ 0.383 χ^2 /NDF: 2439.3/35

All: -0.873 $\pm$ 0.270 χ^2 /NDF: 4544.4/72

- sign -0.903 $\pm$ 0.380 χ^2 /NDF: 2105.1/36

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 $\chi^2/\text{NDF}: 265804.1/16$

Left Out: 13.281 ± 0.020 $\chi^2/\text{NDF}: 617240.8/18$

Right Out: -2.751 ± 0.046 $\chi^2/\text{NDF}: 266291.4/18$

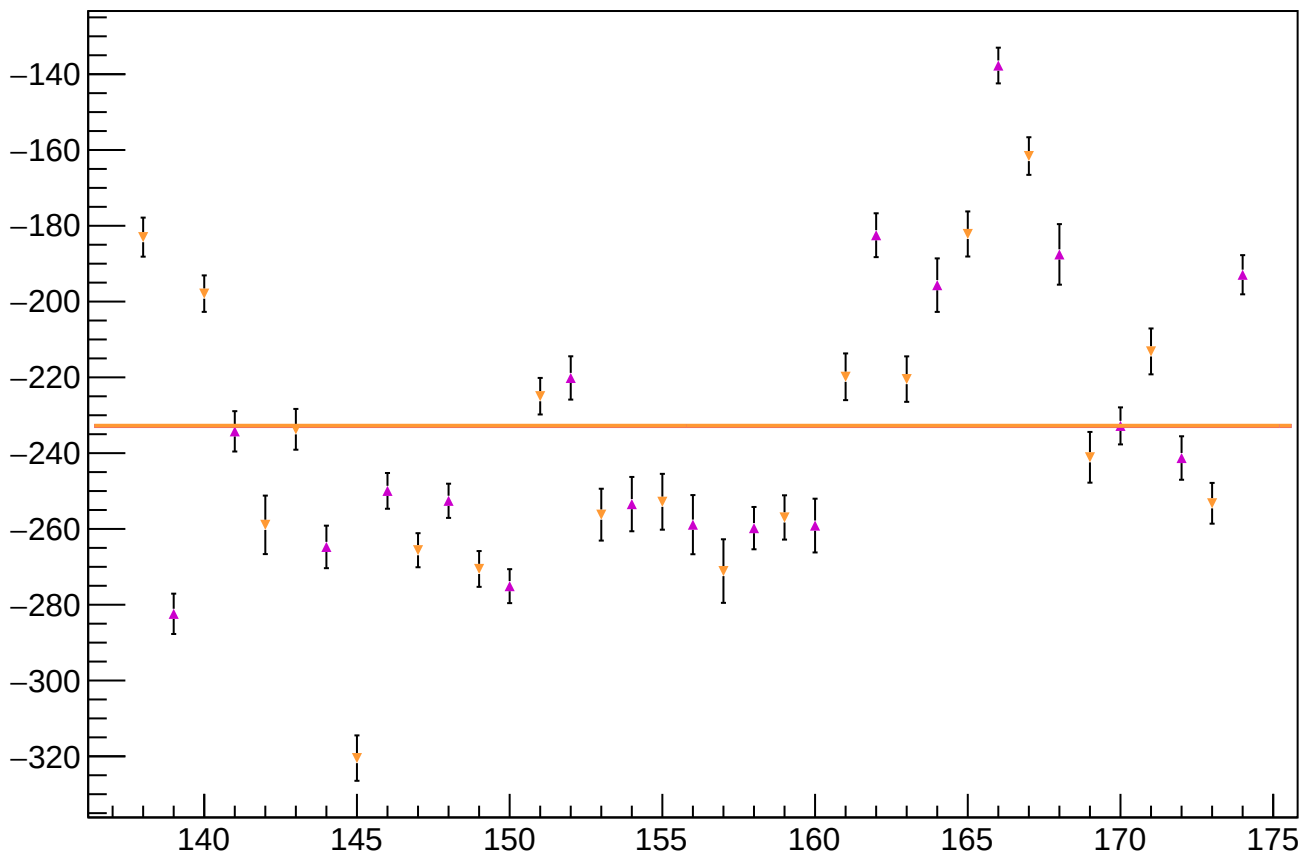
Left In: 13.406 ± 0.019 $\chi^2/\text{NDF}: 397836.7/17$

+ sign 10.245 ± 0.018 $\chi^2/\text{NDF}: 1038177.9/35$

All: 10.634 ± 0.013 $\chi^2/\text{NDF}: 1809700.3/72$

- sign 11.002 ± 0.018 $\chi^2/\text{NDF}: 770624.9/36$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -232.774+/-1.305 χ^2/NDF : 861.7/18

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

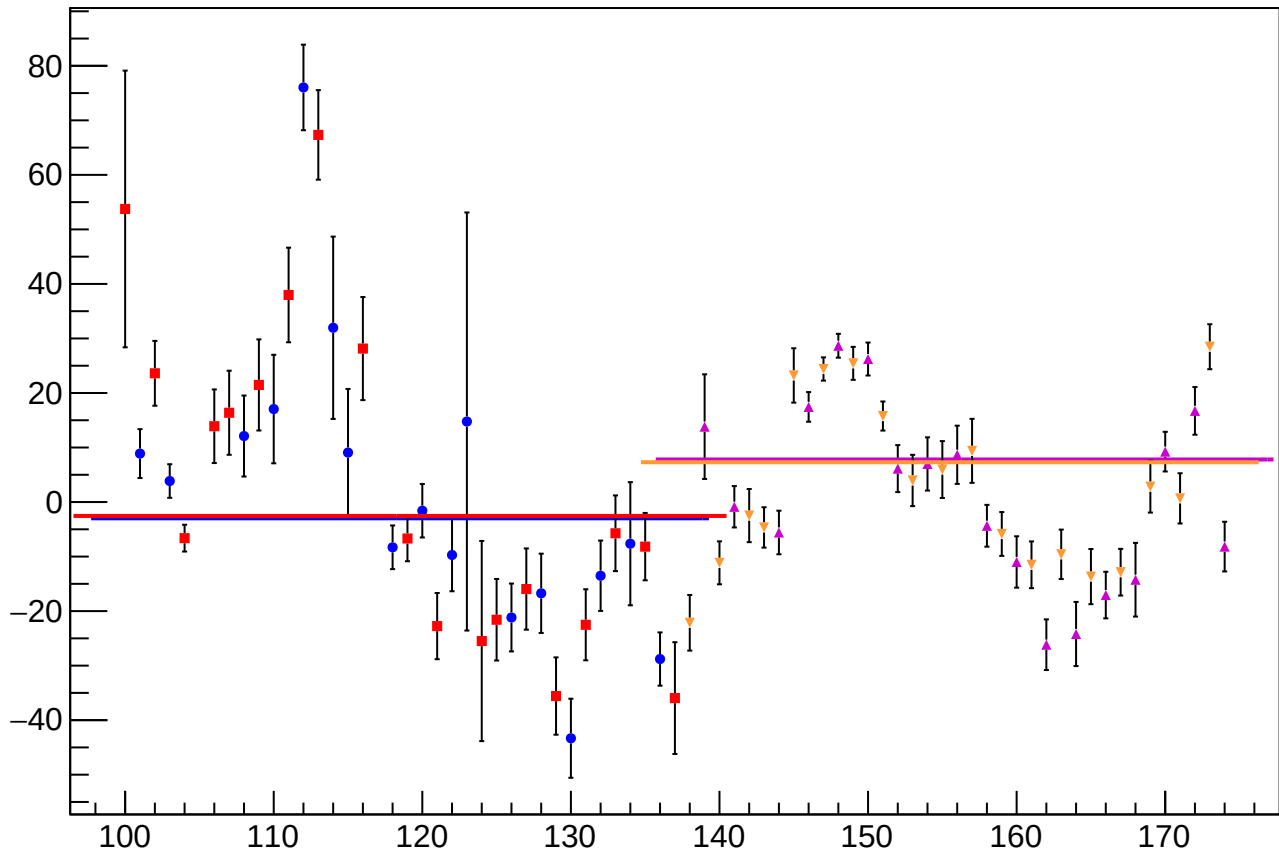
Left In: -232.845+/-1.308 χ^2/NDF : 906.3/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.809+/-0.924 χ^2/NDF : 1767.9/36

- 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: 7.298 ± 0.895 χ^2/NDF : 303.5/18

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

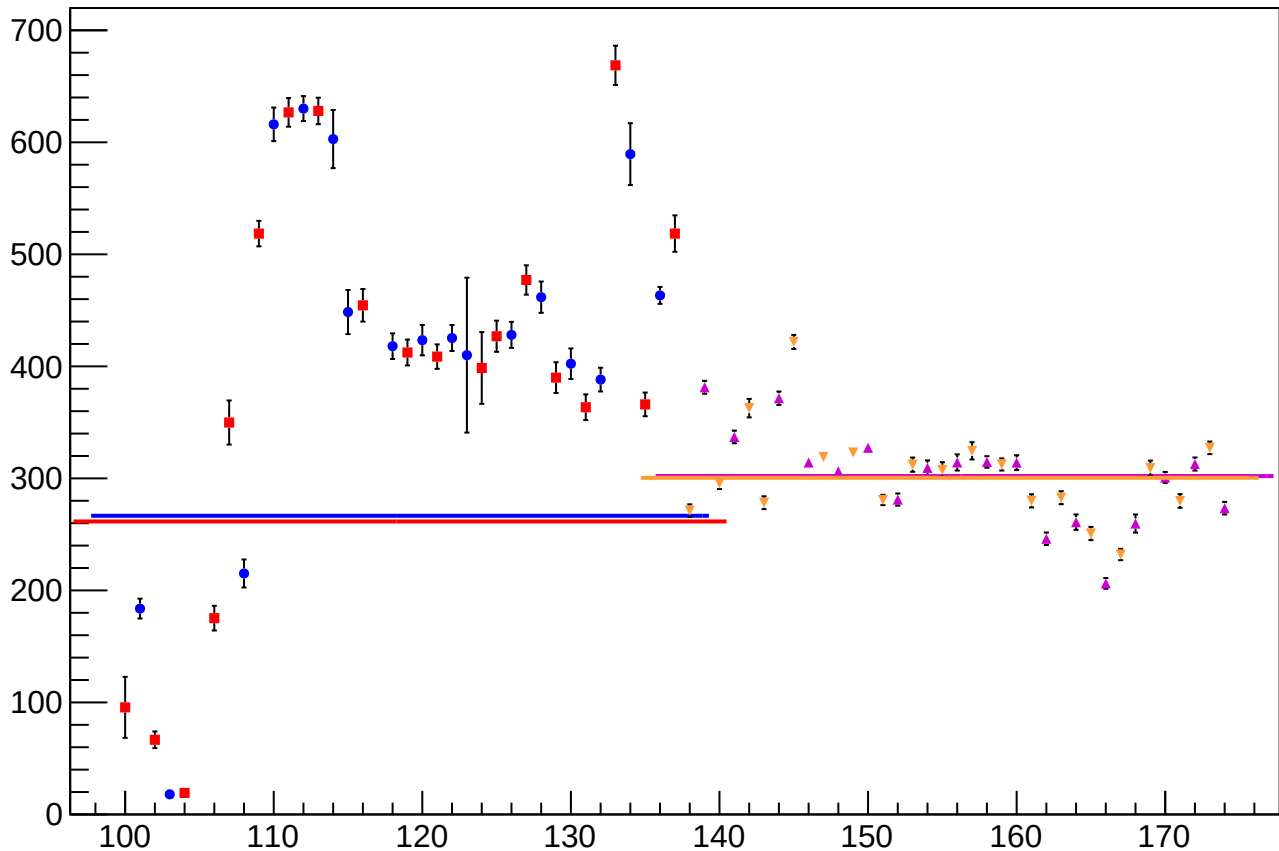
Left In: 7.806 ± 0.925 χ^2/NDF : 328.0/17

+ sign 4.462 ± 0.762 χ^2/NDF : 543.8/35

All: 4.558 ± 0.542 χ^2/NDF : 1128.0/72

- sign 4.656 ± 0.771 χ^2/NDF : 584.2/36

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 300.514 $\pm$ 1.291 χ^2 /NDF:864.6/18

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

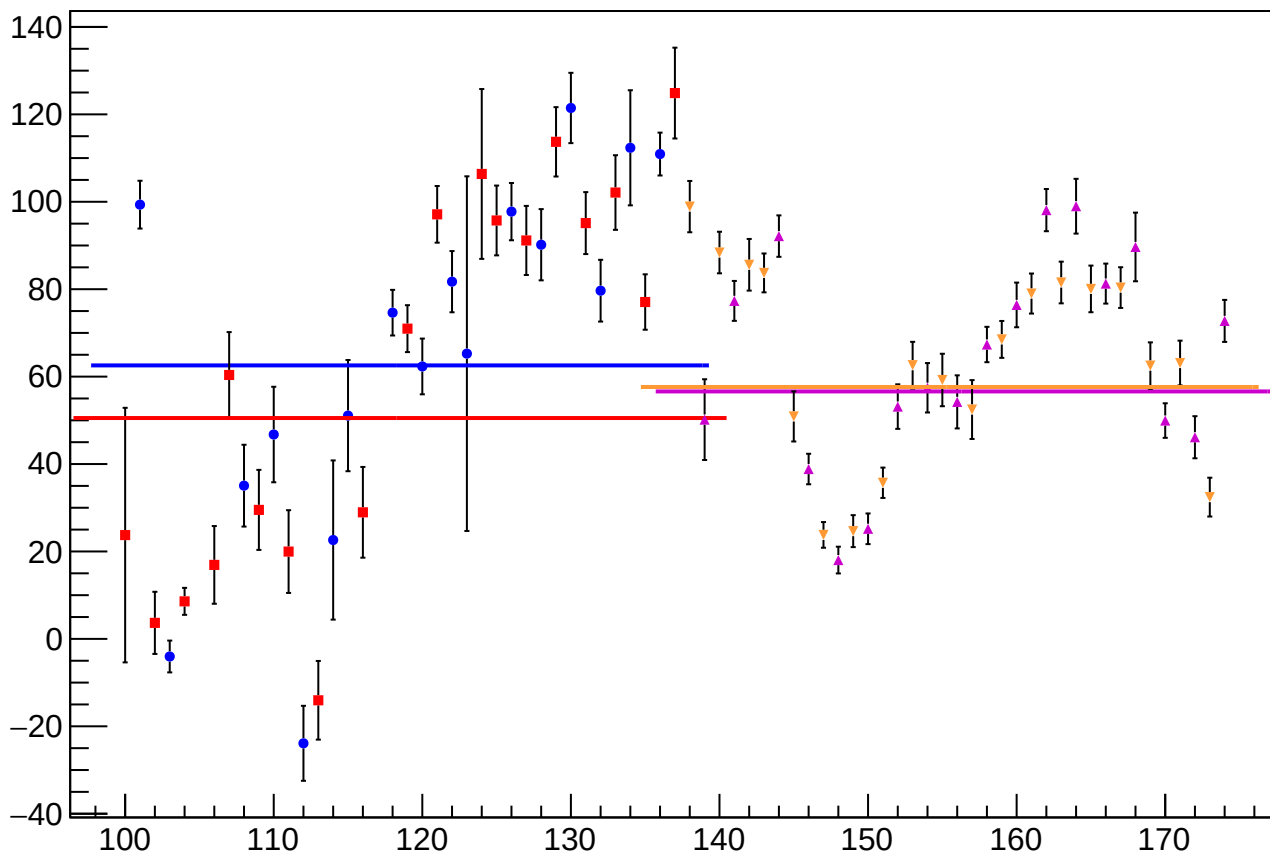
Left In: 302.057 $\pm$ 1.289 χ^2 /NDF:1025.6/17

+ sign 293.272 $\pm$ 1.145 χ^2 /NDF: 8674.4/35

All: 293.293 $\pm$ 0.809 χ^2 /NDF: 18121.2/72

- sign 293.314 $\pm$ 1.142 χ^2 /NDF: 9446.8/36

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF : 722.4/16

Left Out: 57.627+/-1.057 χ^2/NDF : 534.2/18

Right Out: 50.526+/-1.643 χ^2/NDF : 657.0/18

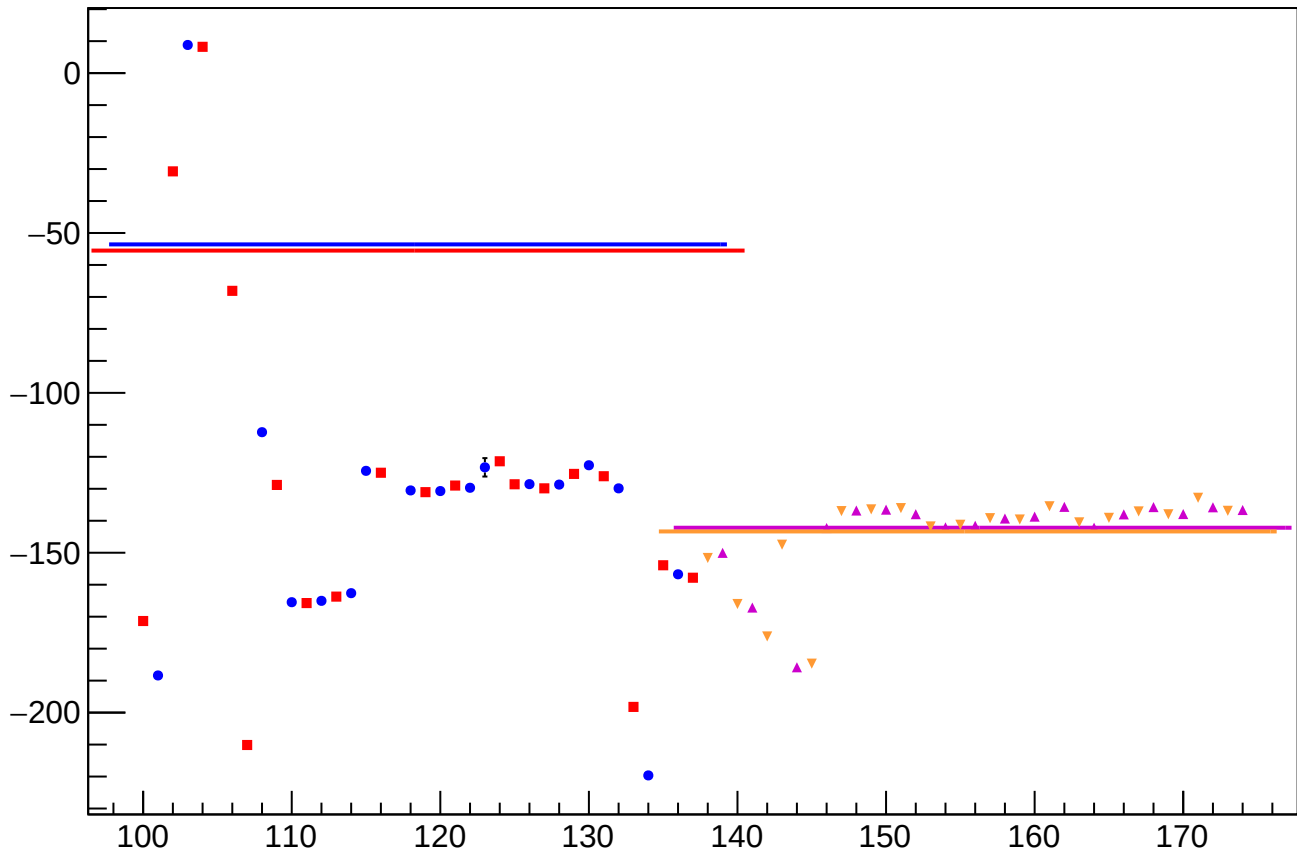
Left In: 56.610+/-1.082 χ^2/NDF : 550.3/17

+ sign 59.030+/-0.894 χ^2/NDF : 1262.8/35

All: 56.922+/-0.636 χ^2/NDF : 2490.9/72

- sign 54.769+/-0.904 χ^2/NDF : 1216.9/36

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -143.341 ± 0.051 χ^2/NDF : 60371.6/18

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

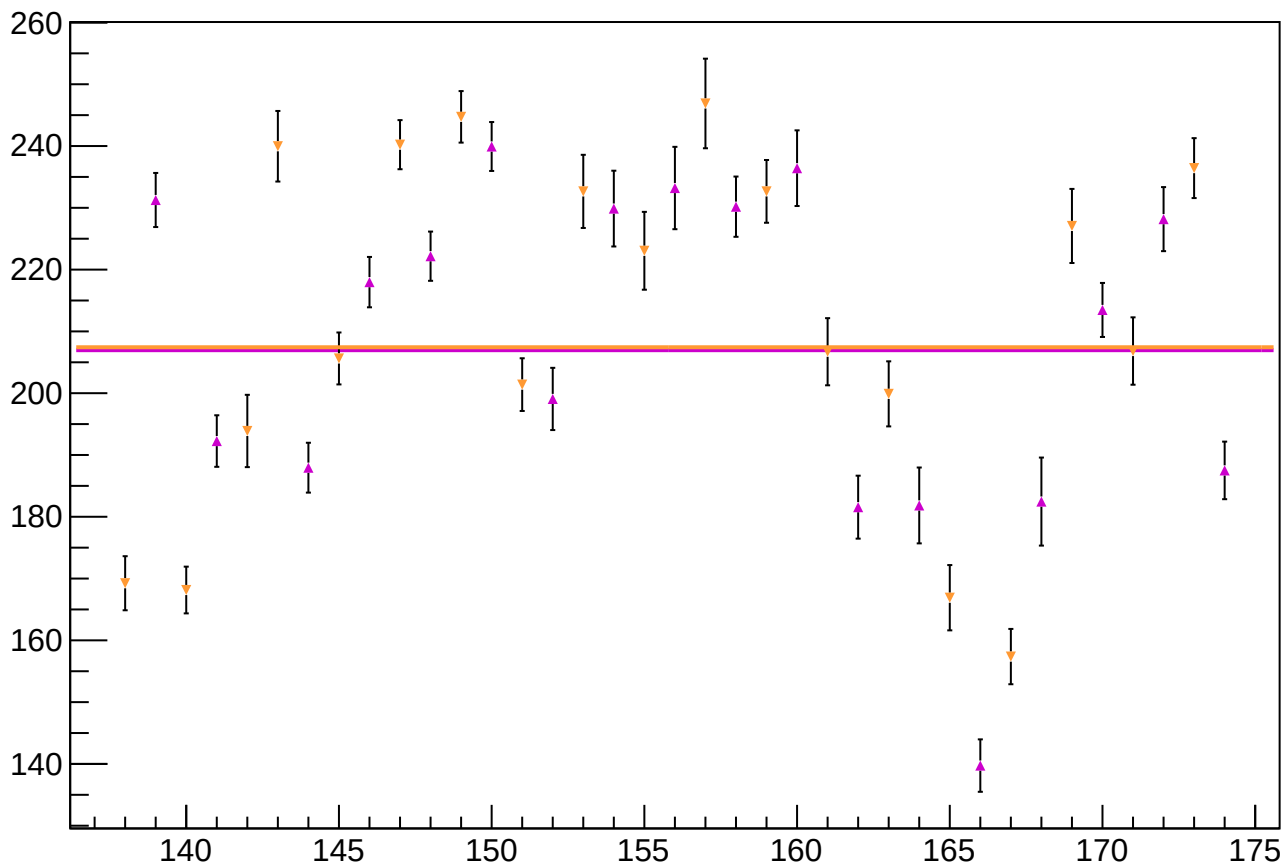
Left In: -142.185 ± 0.051 χ^2/NDF : 47622.4/17

+ sign -112.245 ± 0.041 χ^2/NDF : 2357309.1/35

All: -112.820 ± 0.029 χ^2/NDF : 4345556.4/72

- sign -113.398 ± 0.041 χ^2/NDF : 1987859.9/36

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 207.432+/-1.128 χ^2/NDF : 683.2/18

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

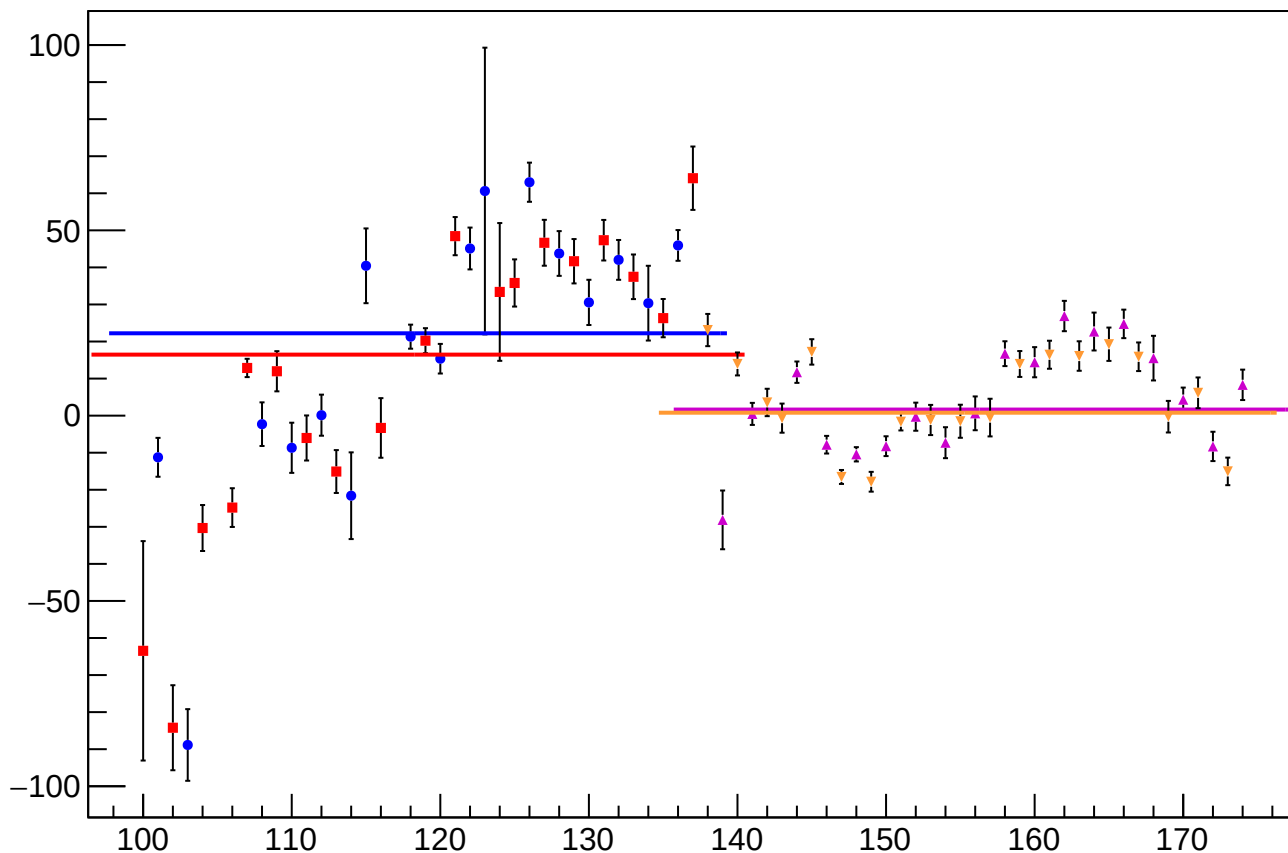
Left In: 206.962+/-1.124 χ^2/NDF : 575.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.196+/-0.796 χ^2/NDF : 1258.7/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 $\pm$ 1.374 χ^2 /NDF: 385.6/16

Left Out: 0.794 $\pm$ 0.779 χ^2 /NDF:301.0/18

Right Out: 16.466 $\pm$ 1.230 χ^2 /NDF: 425.9/18

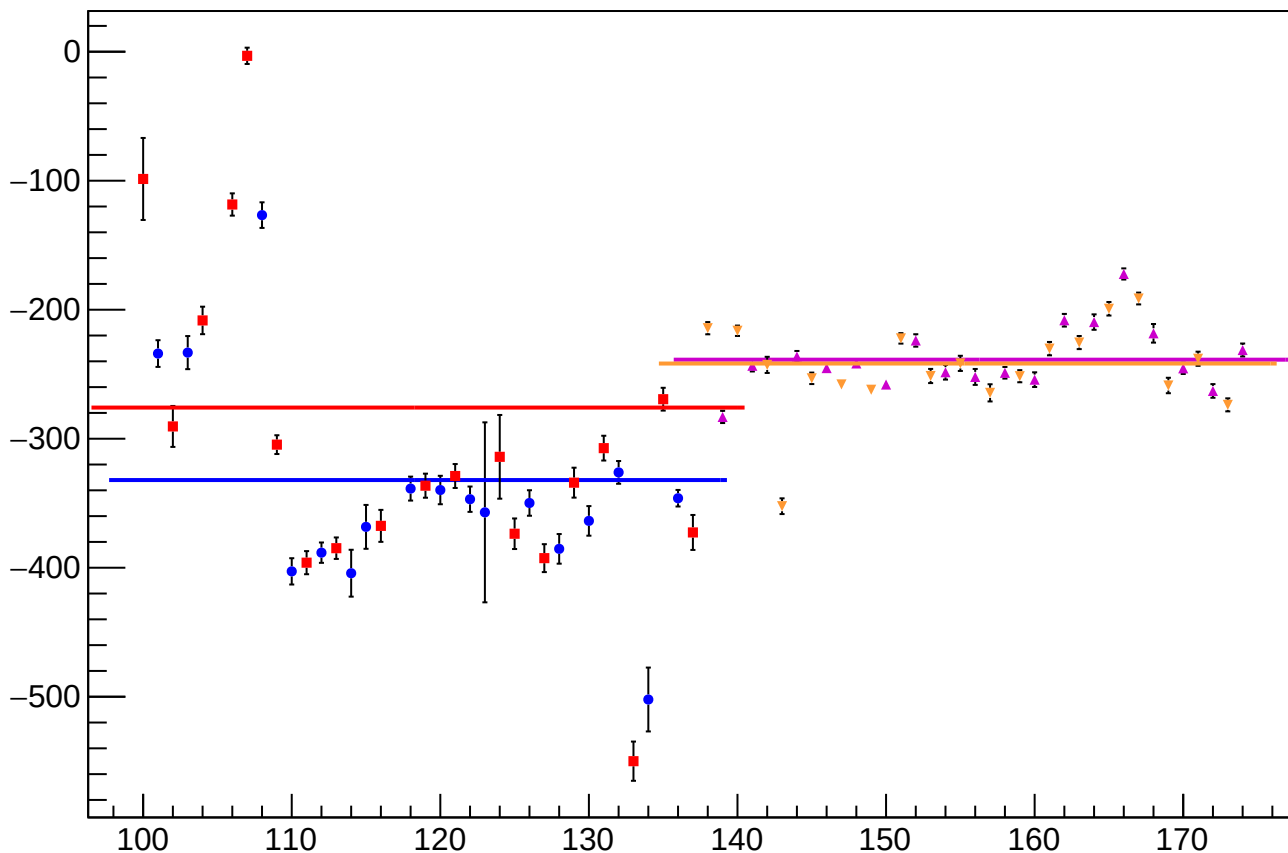
Left In: 1.641 $\pm$ 0.798 χ^2 /NDF:236.3/17

+ sign 6.006 $\pm$ 0.678 χ^2 /NDF: 870.6/35

All: 6.021 $\pm$ 0.476 χ^2 /NDF: 1635.1/72

- sign 6.036 $\pm$ 0.669 χ^2 /NDF: 764.4/36

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -241.722 ± 1.120 χ^2/NDF : 747.4/18

Right Out: -275.853 ± 2.324 χ^2/NDF : 3362.8/18

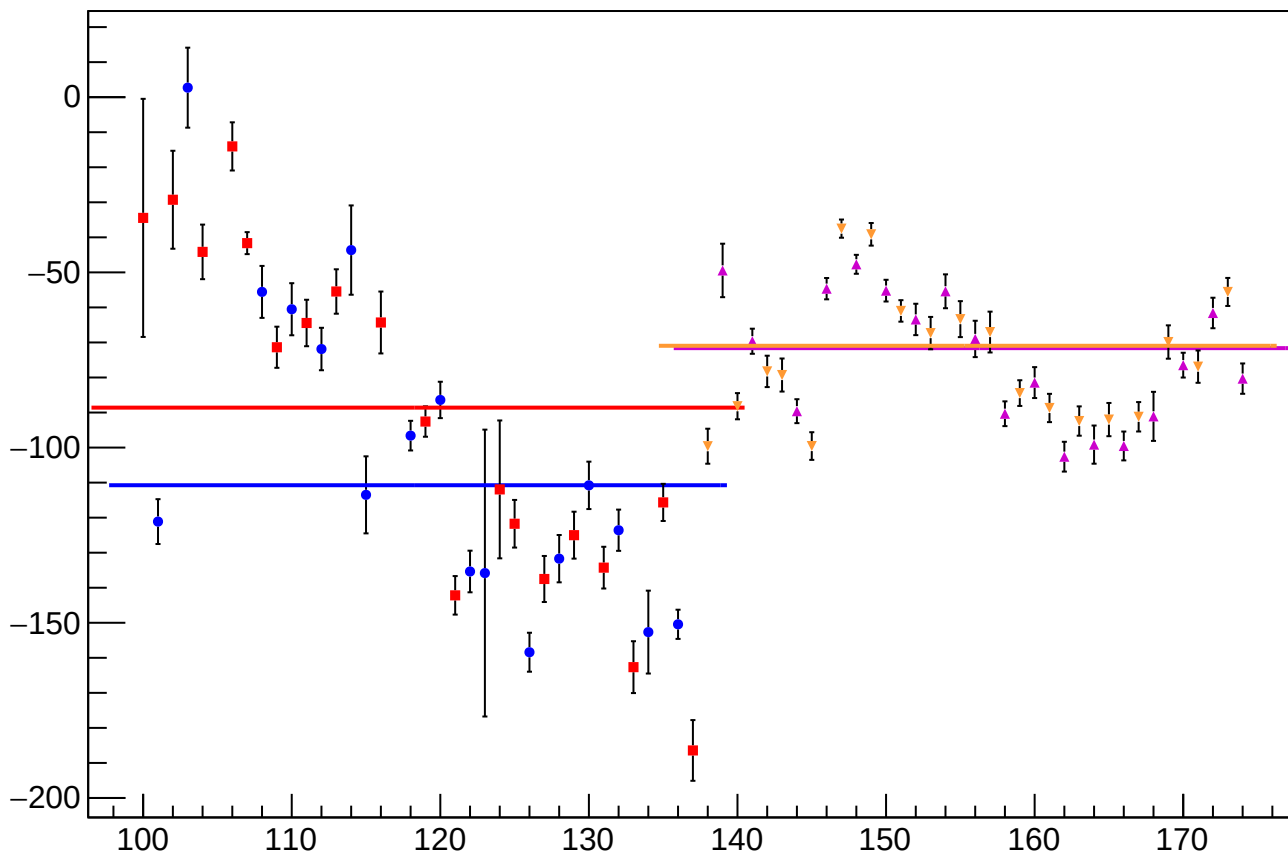
Left In: -238.731 ± 1.112 χ^2/NDF : 482.0/17

+ sign -256.206 ± 1.026 χ^2/NDF : 2575.8/35

All: -250.805 ± 0.717 χ^2/NDF : 6682.4/72

- sign -245.643 ± 1.003 χ^2/NDF : 4052.4/36

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -70.949 ± 0.919 χ^2/NDF : 507.8/18

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

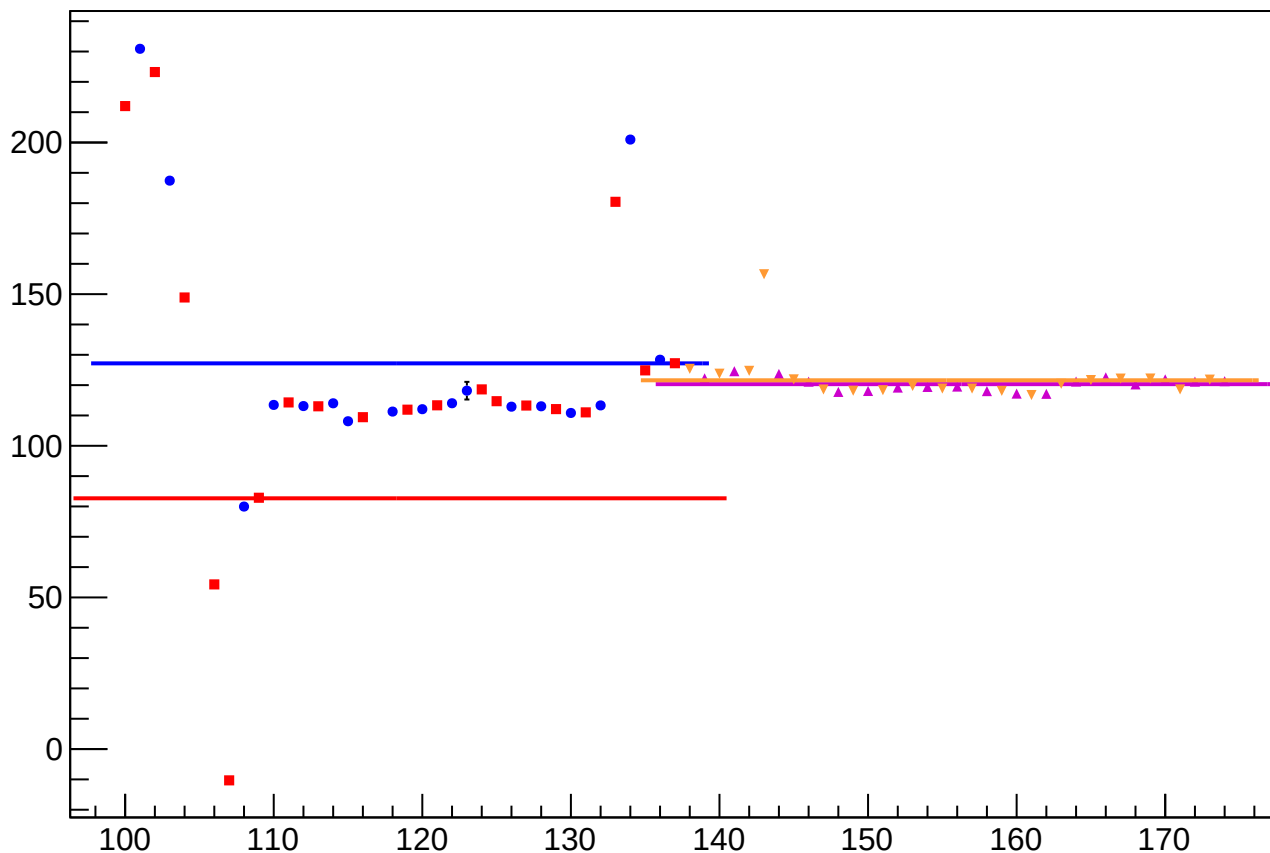
Left In: -71.621 ± 0.934 χ^2/NDF : 365.5/17

+ sign -81.038 ± 0.794 χ^2/NDF : 1496.3/35

All: -78.826 ± 0.558 χ^2/NDF : 2945.2/72

- sign -76.677 ± 0.783 χ^2/NDF : 1433.6/36

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 121.600 $\pm$ 0.044 χ^2 /NDF: 23935.5/18

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

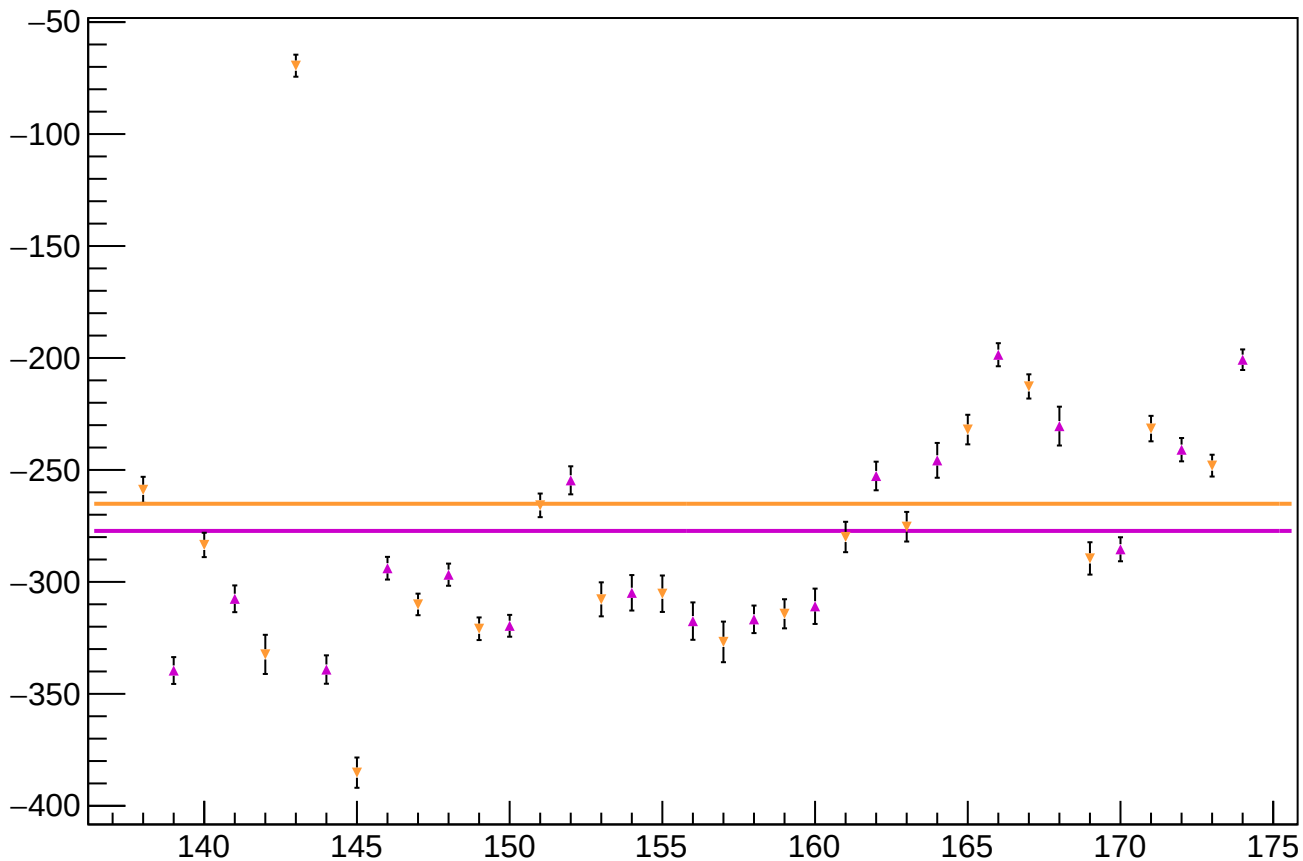
Left In: 120.327 $\pm$ 0.044 χ^2 /NDF: 2558.8/17

+ sign 122.710 $\pm$ 0.040 χ^2 /NDF: 215132.9/35

All: 116.479 $\pm$ 0.027 χ^2 /NDF: 1217185.8/72

- sign 110.818 $\pm$ 0.038 χ^2 /NDF: 955052.3/36

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -265.107+/-1.387 χ^2/NDF : 2518.9/18

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

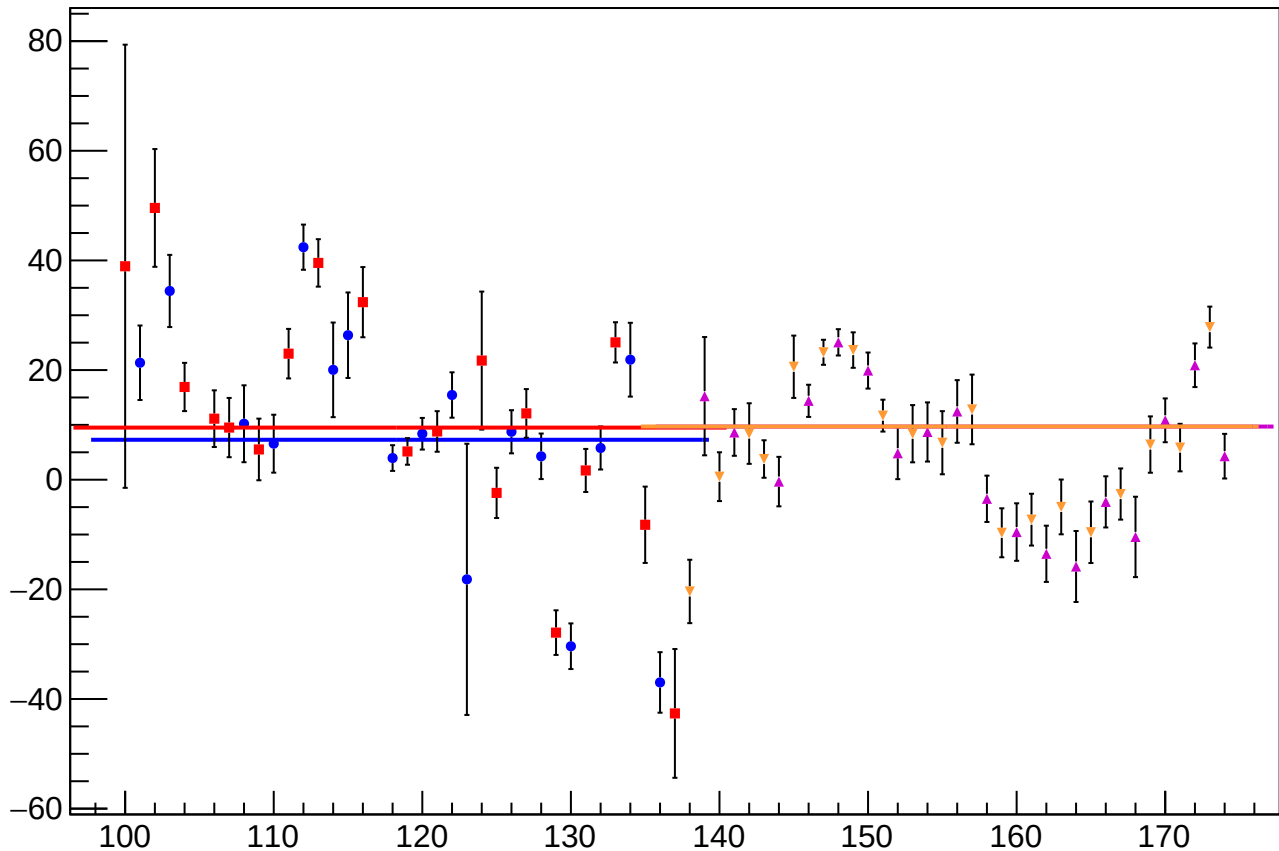
Left In: -277.234+/-1.398 χ^2/NDF : 1059.7/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.122+/-0.985 χ^2/NDF : 3616.6/36

- 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: 9.704 ± 0.953 χ^2/NDF : 176.7/18

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

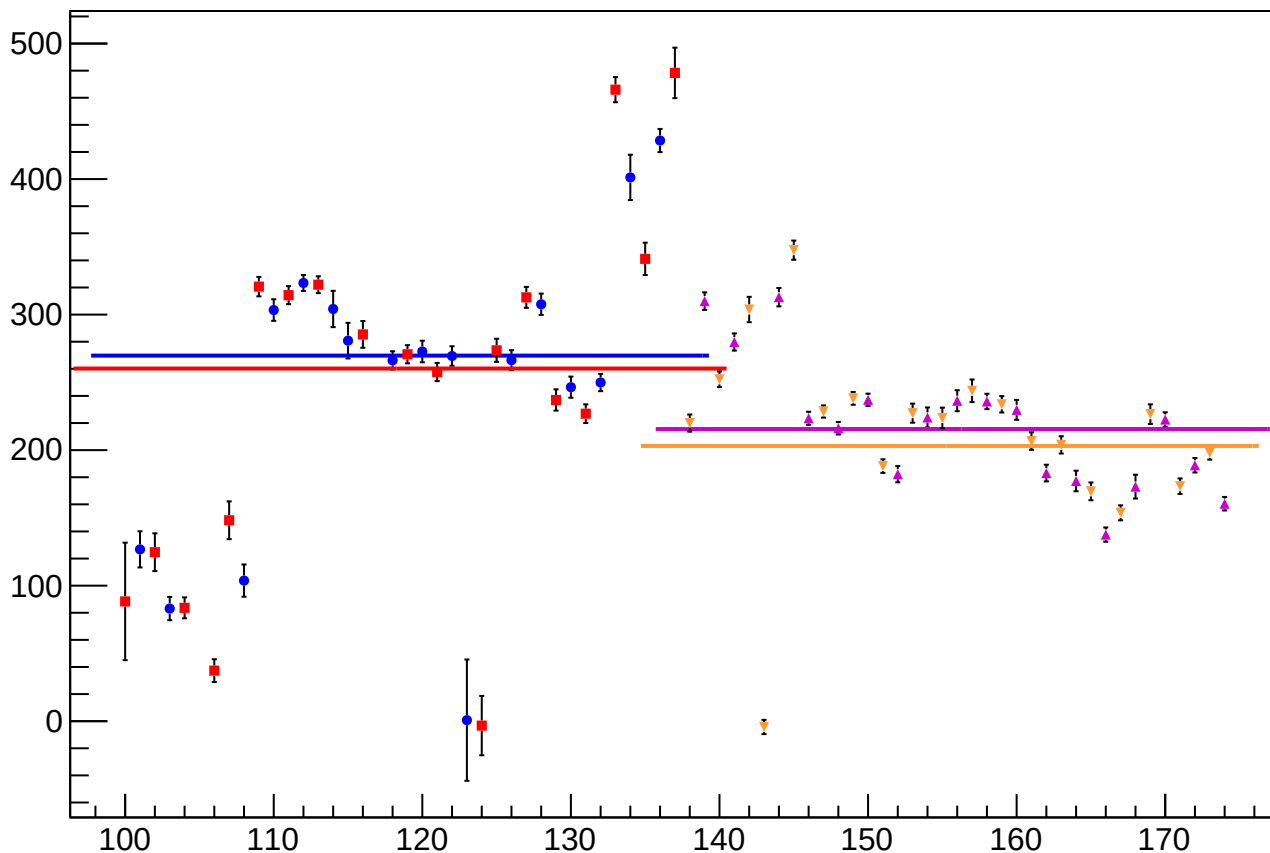
Left In: 9.694 ± 0.995 χ^2/NDF : 144.9/17

+ sign 8.649 ± 0.715 χ^2/NDF : 440.5/35

All: 9.118 ± 0.511 χ^2/NDF : 817.9/72

- sign 9.606 ± 0.730 χ^2/NDF : 376.5/36

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 $\pm$ 2.071 χ^2/NDF : 1374.1/16

Left Out: 203.086 $\pm$ 1.376 χ^2/NDF : 2476.9/18

Right Out: 260.206 $\pm$ 1.978 χ^2/NDF : 2541.6/18

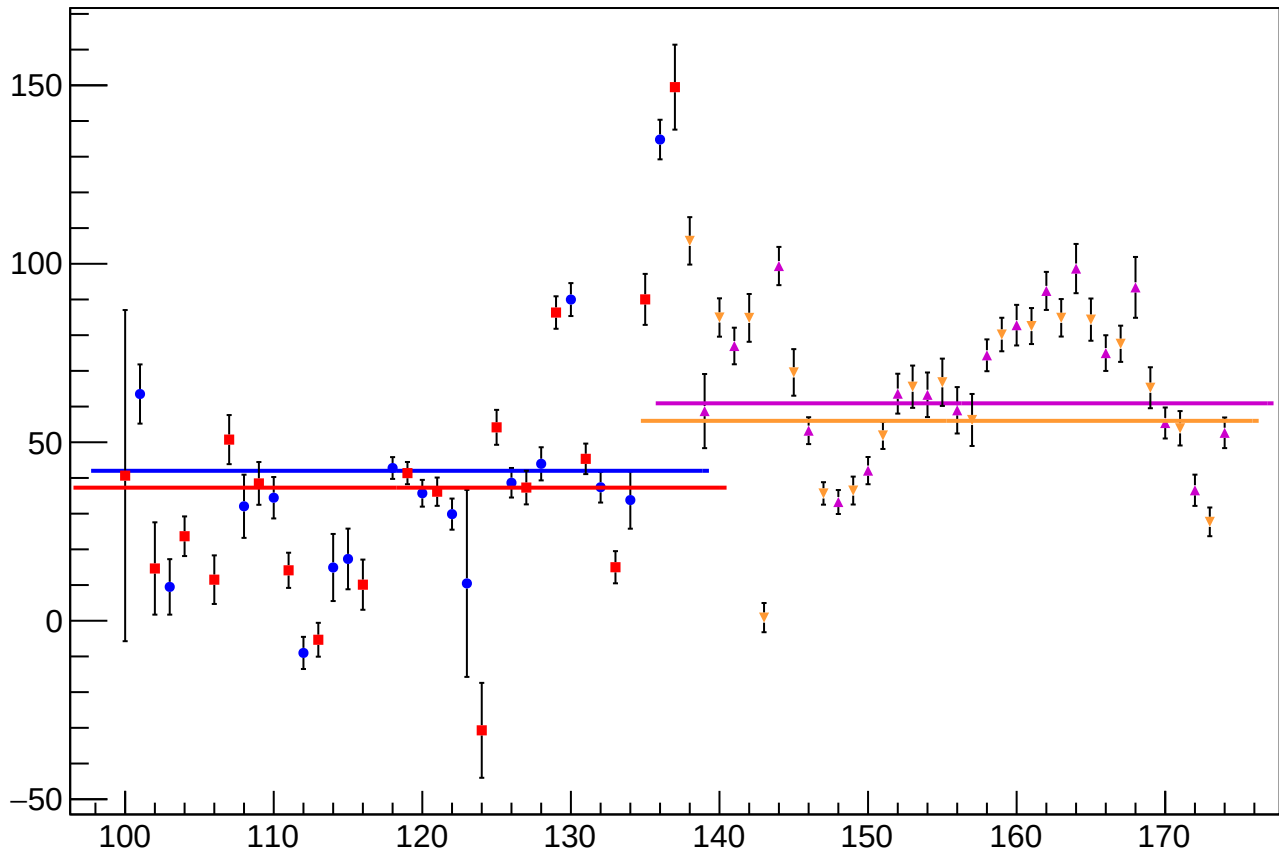
Left In: 215.574 $\pm$ 1.383 χ^2/NDF : 1046.4/17

+ sign 223.488 $\pm$ 1.146 χ^2/NDF : 4569.7/35

All: 226.894 $\pm$ 0.806 χ^2/NDF : 8517.2/72

- sign 230.224 $\pm$ 1.133 χ^2/NDF : 3930.0/36

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 ± 1.255 $\chi^2/\text{NDF}: 575.6/16$

Left Out: 56.002 ± 1.123 $\chi^2/\text{NDF}: 542.0/18$

Right Out: 37.284 ± 1.237 $\chi^2/\text{NDF}: 472.6/18$

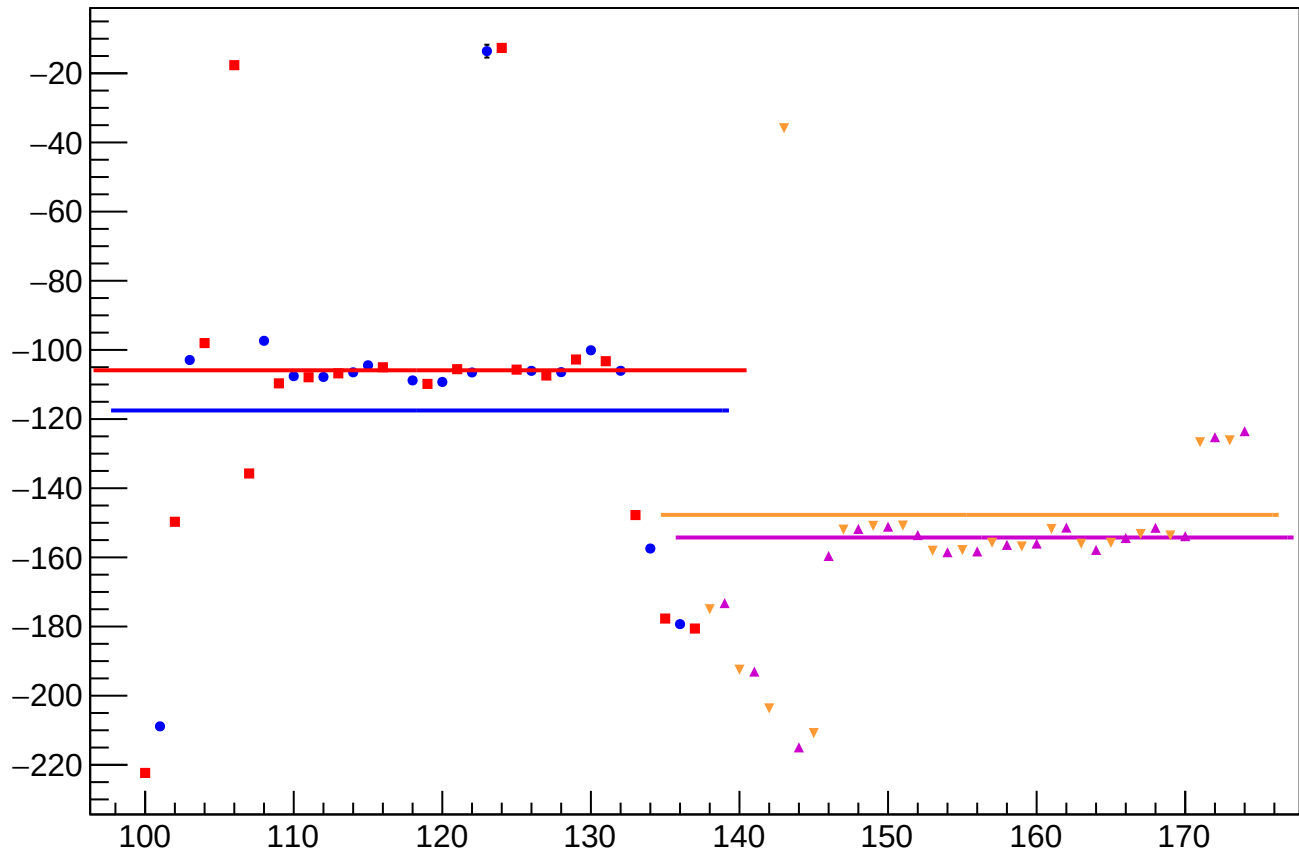
Left In: 60.910 ± 1.161 $\chi^2/\text{NDF}: 305.7/17$

+ sign 49.779 ± 0.837 $\chi^2/\text{NDF}: 1186.6/35$

All: 49.814 ± 0.595 $\chi^2/\text{NDF}: 2158.9/72$

- sign 49.850 ± 0.846 $\chi^2/\text{NDF}: 972.3/36$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -147.711+/-0.054 χ^2/NDF : 433170.3/18

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

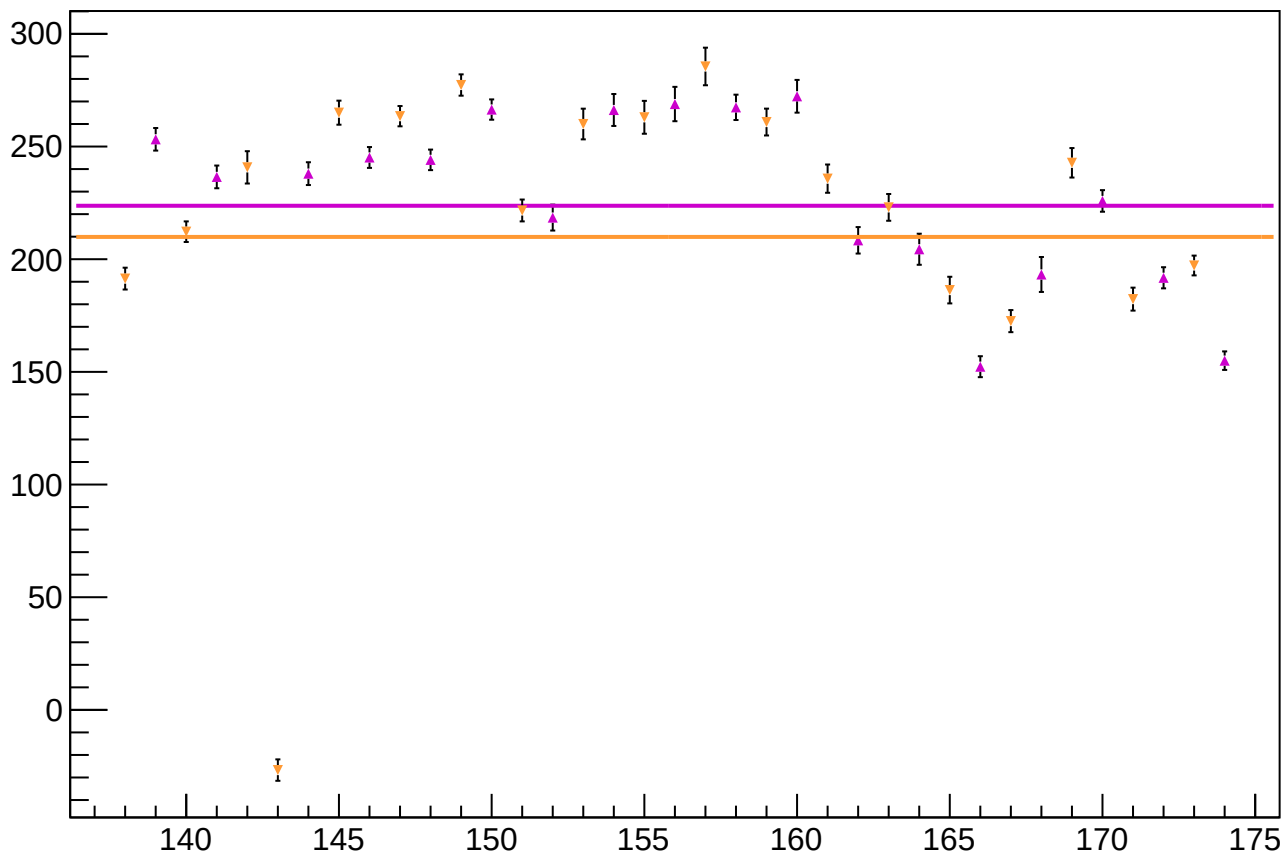
Left In: -154.249+/-0.054 χ^2/NDF : 125404.4/17

+ sign -137.854+/-0.045 χ^2/NDF : 676120.7/35

All: -137.426+/-0.031 χ^2/NDF : 1410023.0/72

- sign -137.019+/-0.043 χ^2/NDF : 733722.3/36

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 209.889+/-1.244 χ^2/NDF :3388.7/18

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

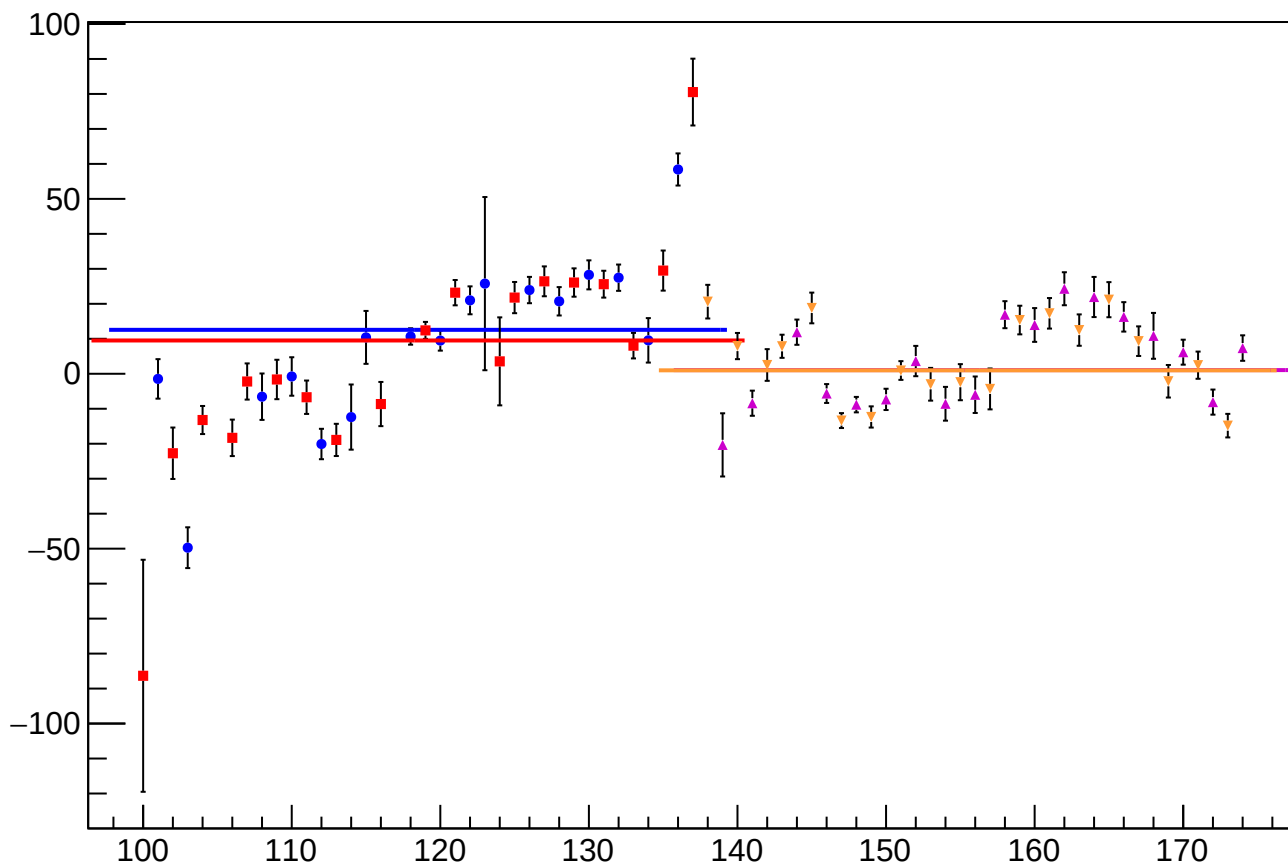
Left In: 223.720+/-1.249 χ^2/NDF :949.2/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.777+/-0.881 χ^2/NDF : 4399.5/36

- 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: 0.983 ± 0.862 χ^2/NDF : 183.3/18

Right Out: 9.519 ± 1.051 χ^2/NDF : 296.2/18

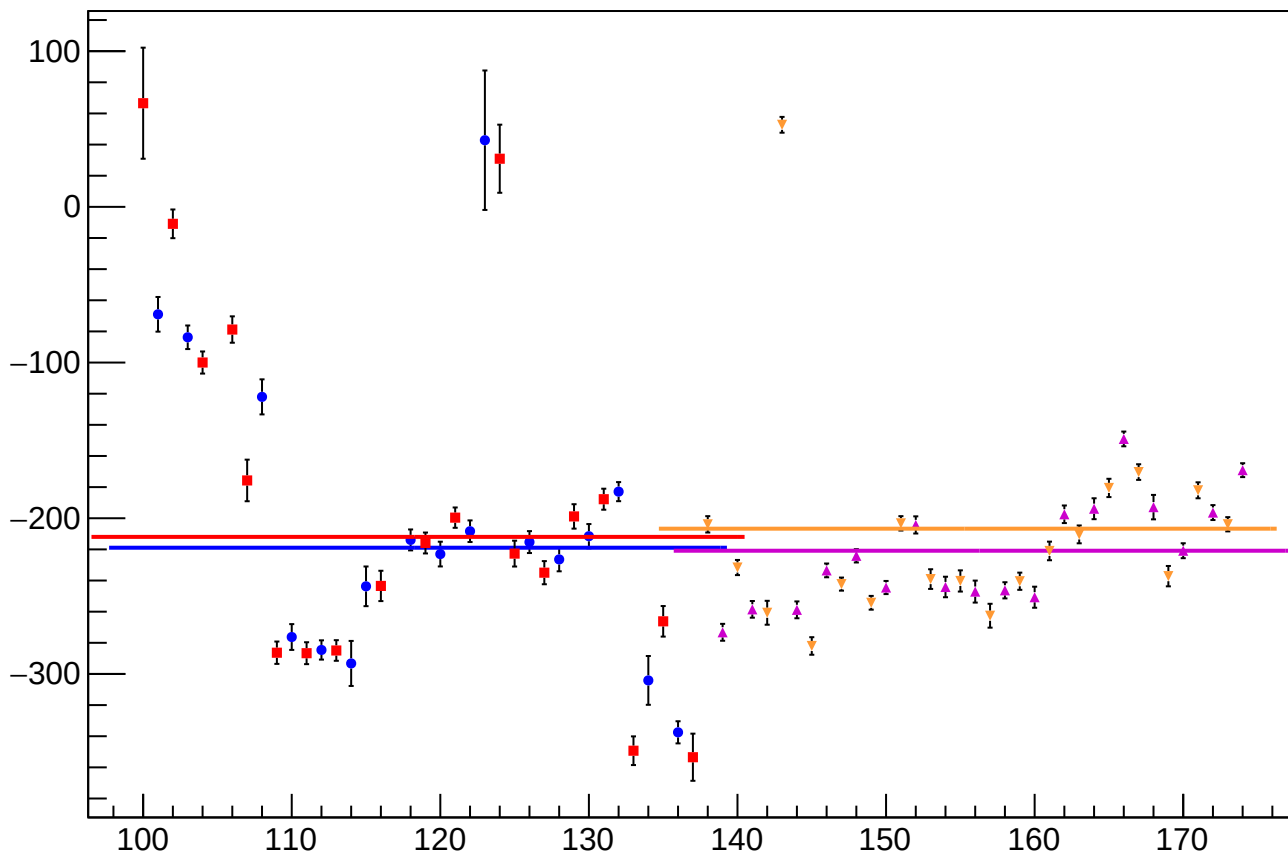
Left In: 1.051 ± 0.896 χ^2/NDF : 149.8/17

+ sign 5.616 ± 0.668 χ^2/NDF : 603.2/35

All: 5.126 ± 0.477 χ^2/NDF : 1088.0/72

- sign 4.616 ± 0.682 χ^2/NDF : 483.7/36

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -206.699 ± 1.237 $\chi^2/\text{NDF}: 3319.8/18$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

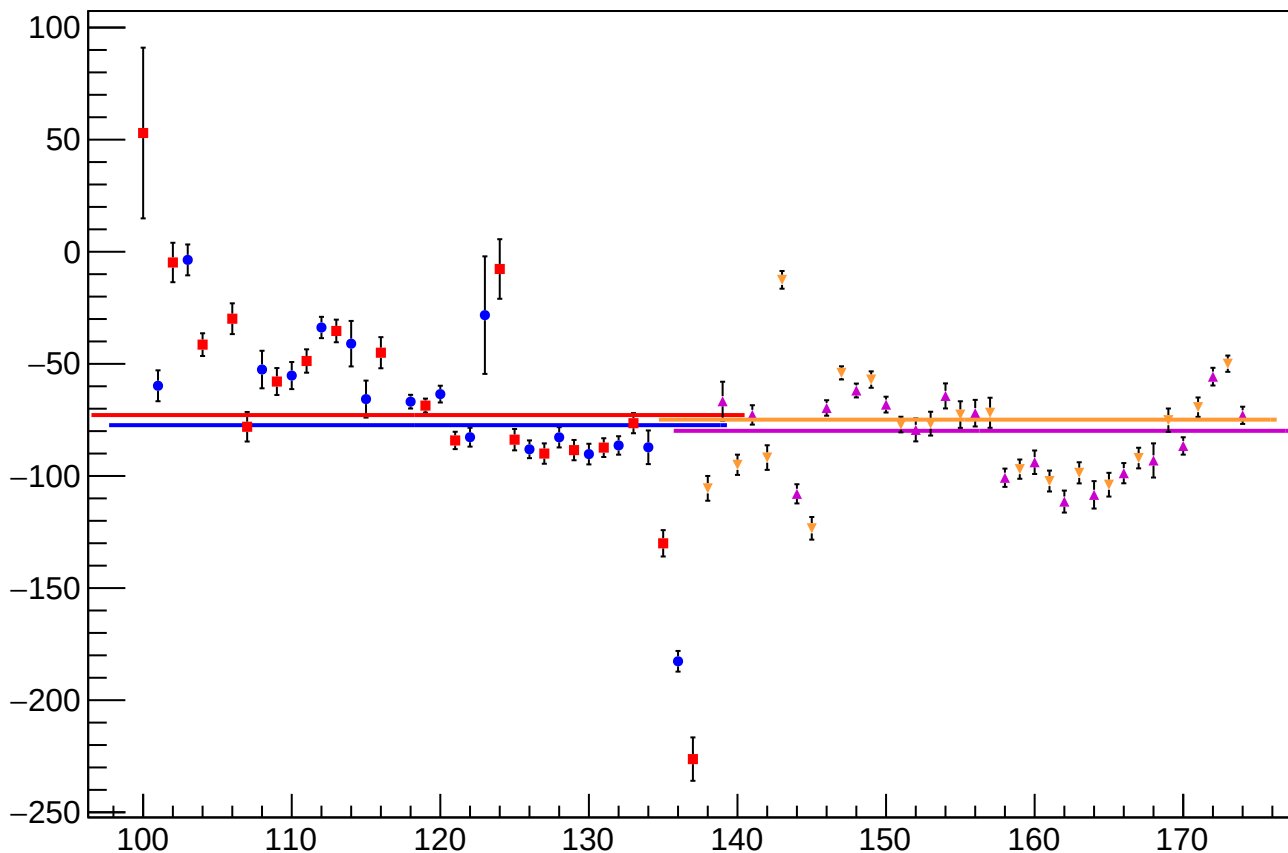
Left In: -220.860 ± 1.239 $\chi^2/\text{NDF}: 747.5/17$

+ sign -210.069 ± 1.053 $\chi^2/\text{NDF}: 4493.3/35$

All: -214.208 ± 0.741 $\chi^2/\text{NDF}: 7172.7/72$

- sign -218.255 ± 1.042 $\chi^2/\text{NDF}: 2648.8/36$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -74.879 ± 1.015 χ^2/NDF : 655.3/18

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

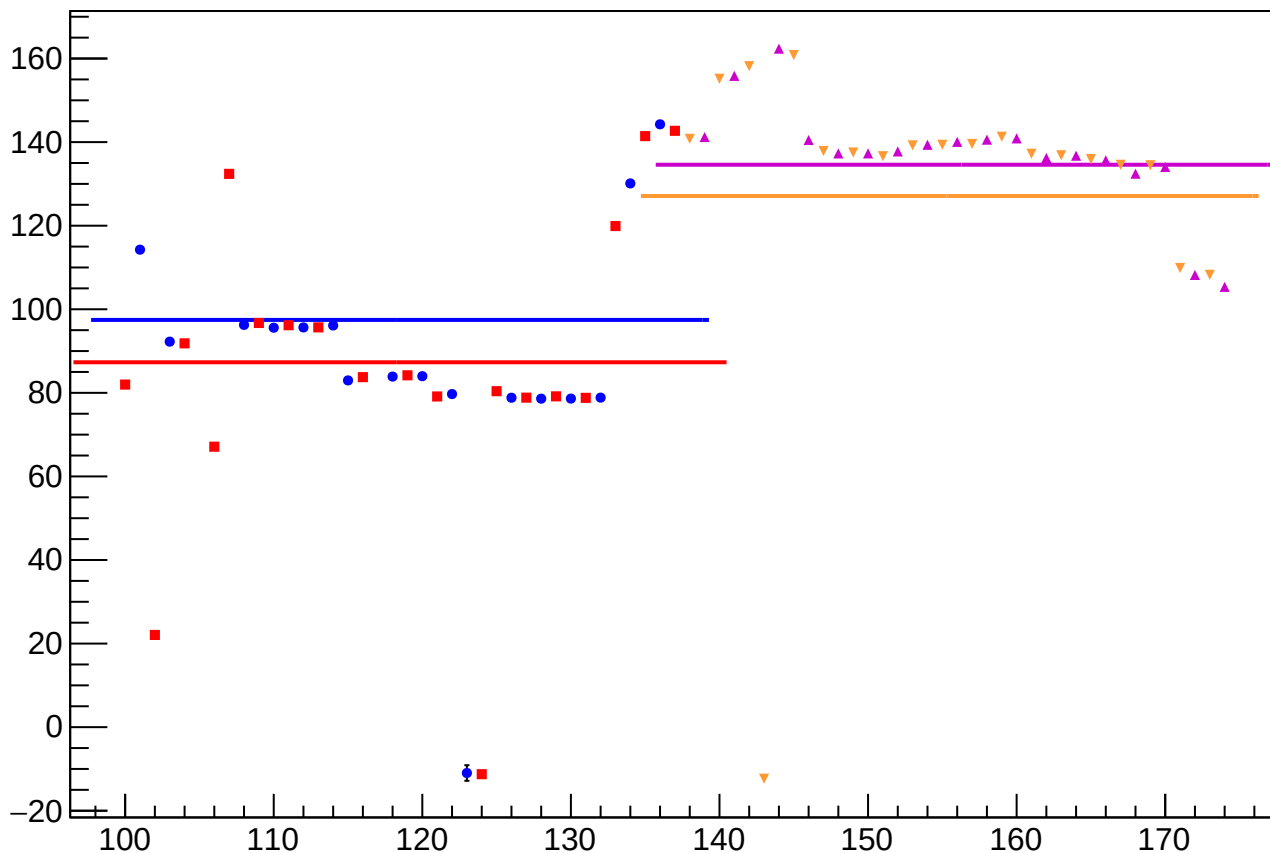
Left In: -79.865 ± 1.043 χ^2/NDF : 272.4/17

+ sign -75.887 ± 0.780 χ^2/NDF : 1474.9/35

All: -76.369 ± 0.555 χ^2/NDF : 2440.3/72

- sign -76.864 ± 0.790 χ^2/NDF : 964.6/36

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 127.103 $\pm$ 0.049 χ^2 /NDF: 577010.5/18

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

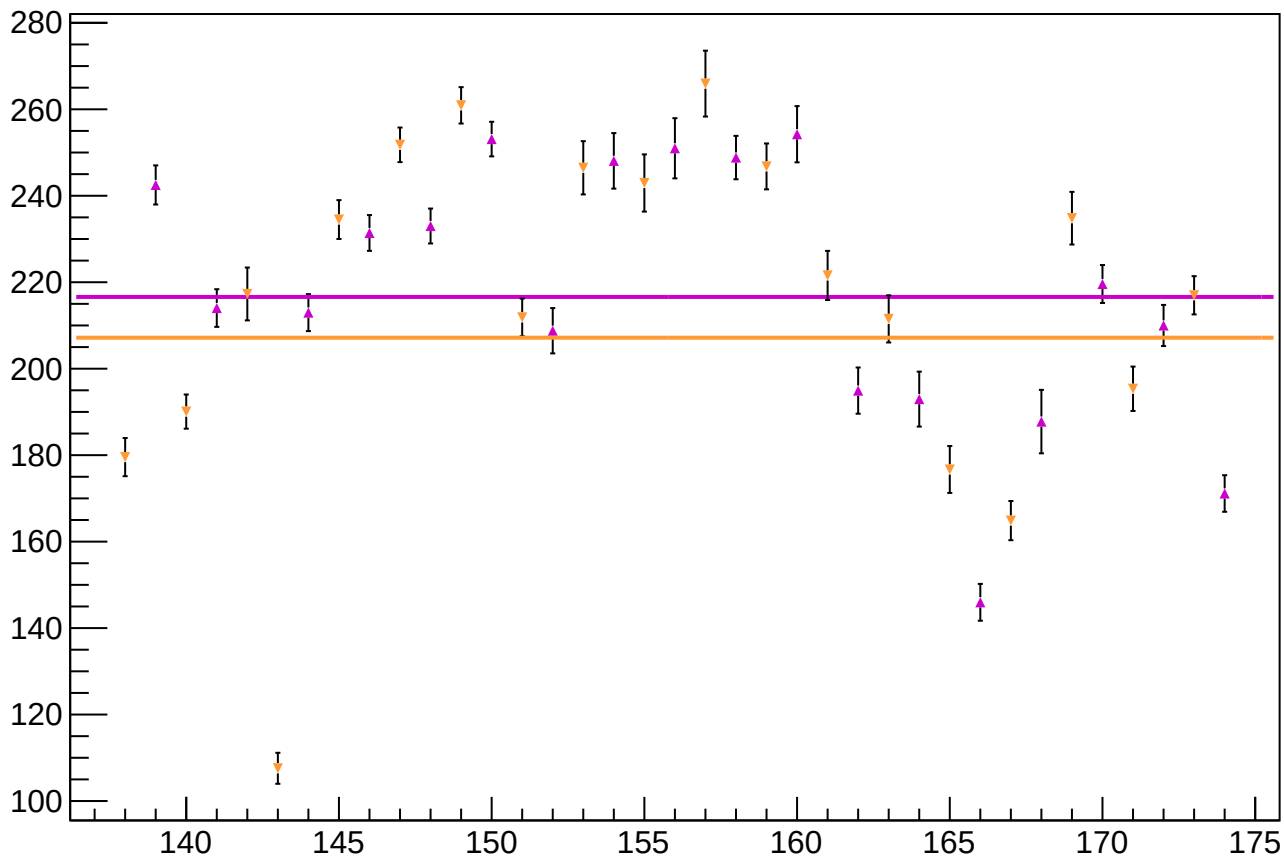
Left In: 134.587 $\pm$ 0.049 χ^2 /NDF: 85127.4/17

+ sign 117.990 $\pm$ 0.041 χ^2 /NDF: 784934.9/35

All: 118.364 $\pm$ 0.028 χ^2 /NDF: 1410852.9/72

- sign 118.719 $\pm$ 0.040 χ^2 /NDF: 625752.5/36

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: 207.174+/-1.114 χ^2/NDF :1500.0/18

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

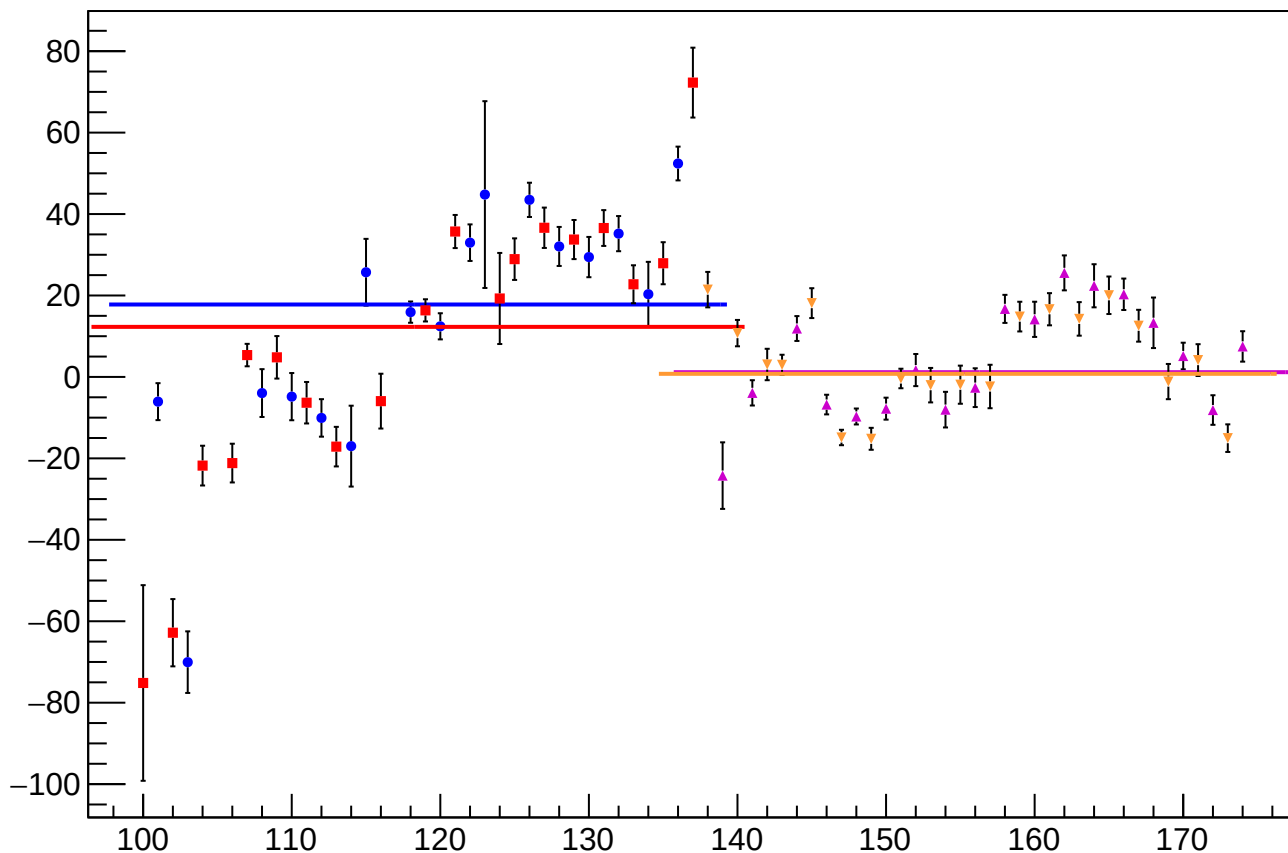
Left In: 216.597+/-1.141 χ^2/NDF :710.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.771+/-0.797 χ^2/NDF : 2245.0/36

- 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 $\pm$ 1.146 χ^2 /NDF: 395.1/16

Left Out: 0.762 $\pm$ 0.768 χ^2 /NDF: 251.2/18

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

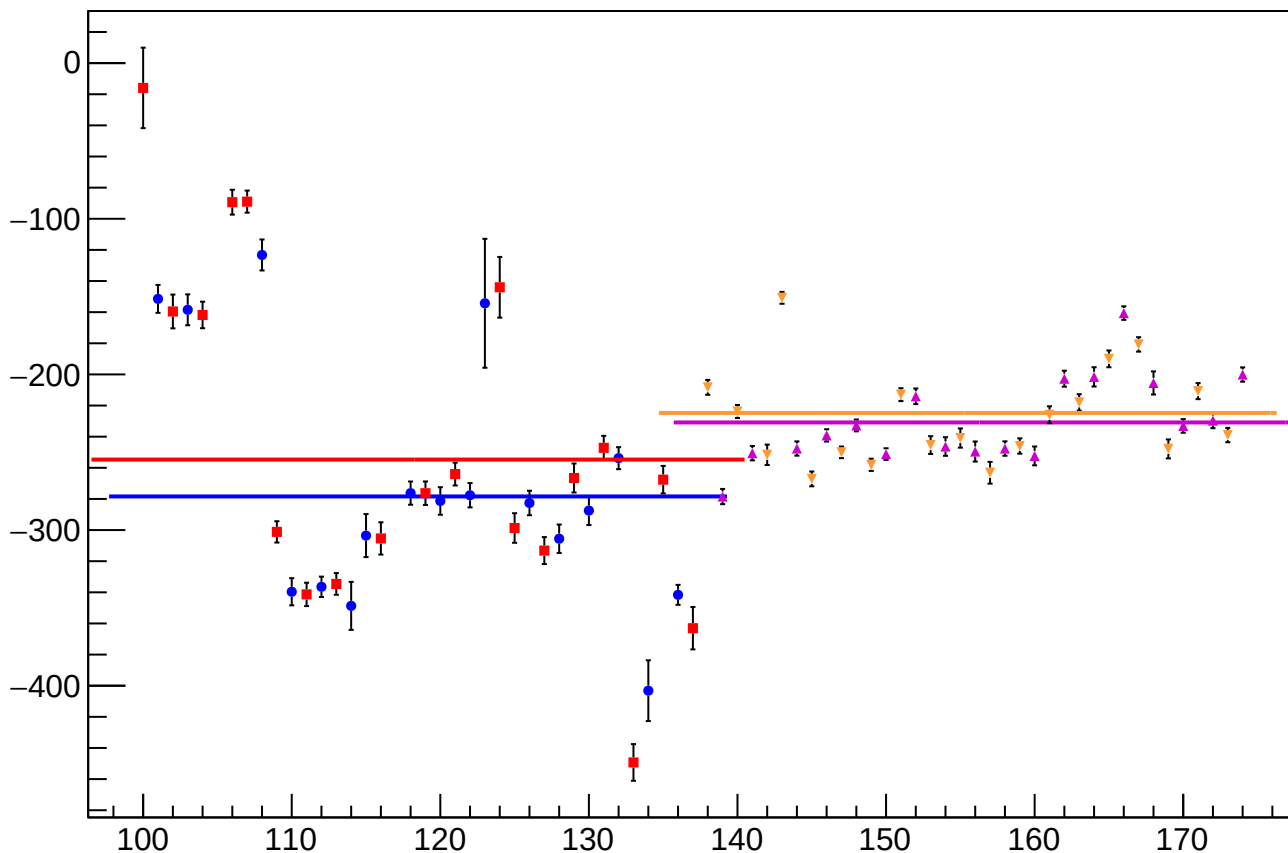
Left In: 1.164 $\pm$ 0.811 χ^2 /NDF: 199.5/17

+ sign 6.034 $\pm$ 0.638 χ^2 /NDF: 798.6/35

All: 5.601 $\pm$ 0.455 χ^2 /NDF: 1510.2/72

- sign 5.151 $\pm$ 0.650 χ^2 /NDF: 710.7/36

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: -224.745 ± 1.110 χ^2/NDF : 840.7/18

Right Out: -254.703 ± 2.020 χ^2/NDF : 2038.5/18

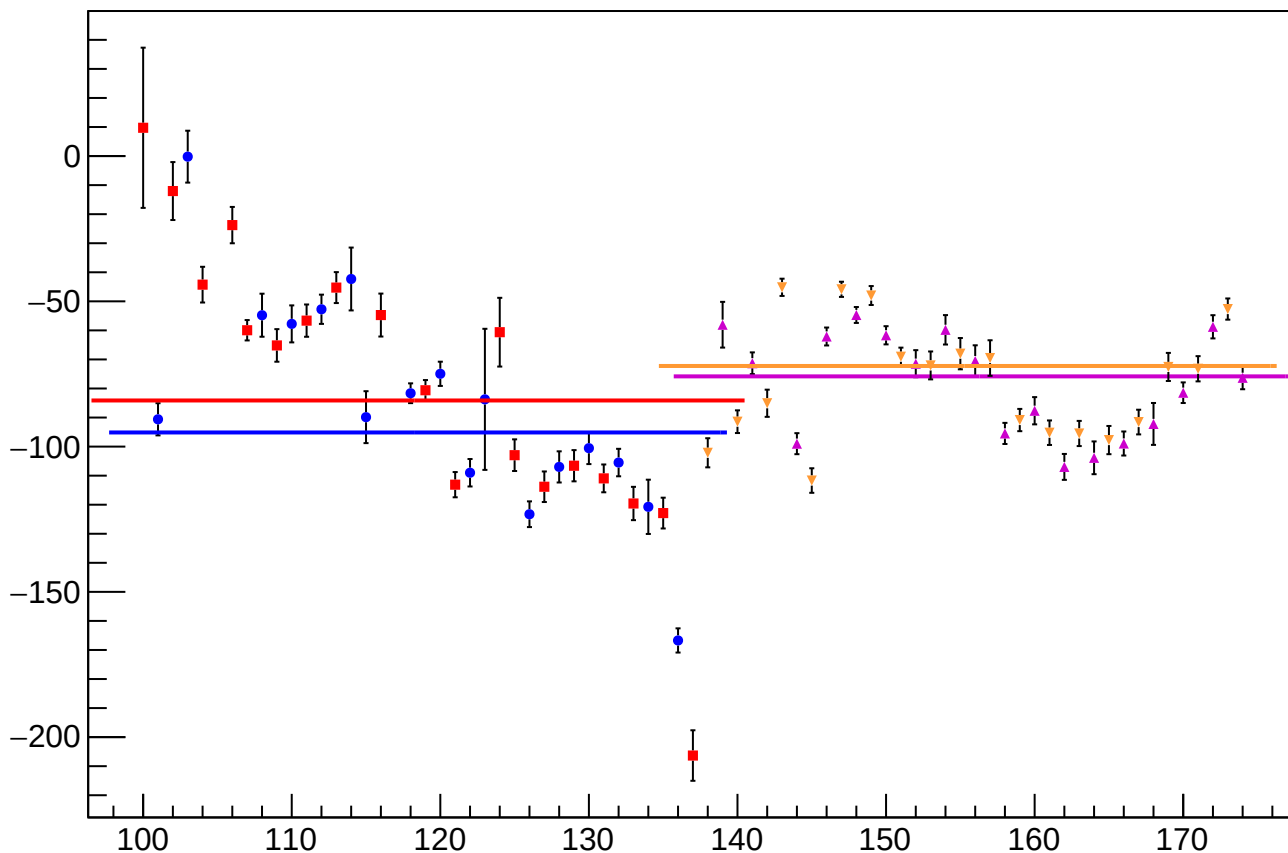
Left In: -230.853 ± 1.130 χ^2/NDF : 583.3/17

+ sign -235.890 ± 0.988 χ^2/NDF : 2236.5/35

All: -236.213 ± 0.698 χ^2/NDF : 4964.7/72

- sign -236.535 ± 0.986 χ^2/NDF : 2728.0/36

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Left Out: -72.251 ± 0.907 χ^2/NDF : 556.0/18

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

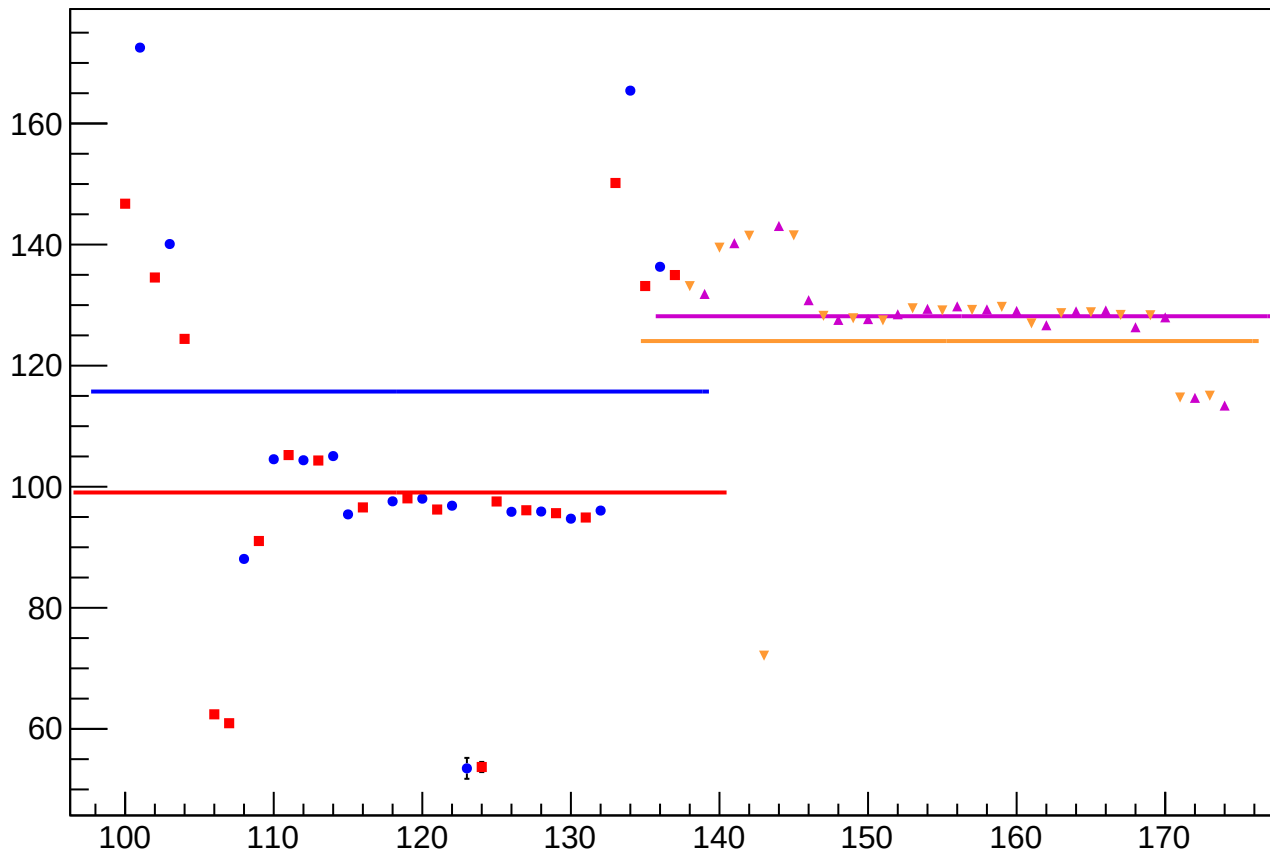
Left In: -75.829 ± 0.949 χ^2/NDF : 325.3/17

+ sign -79.574 ± 0.748 χ^2/NDF : 1434.5/35

All: -79.209 ± 0.532 χ^2/NDF : 2570.8/72

- sign -78.835 ± 0.758 χ^2/NDF : 1135.8/36

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724 $\pm$ 0.078 χ^2 /NDF: 106388.1/16

Left Out: 124.062 $\pm$ 0.044 χ^2 /NDF:148847.0/18

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

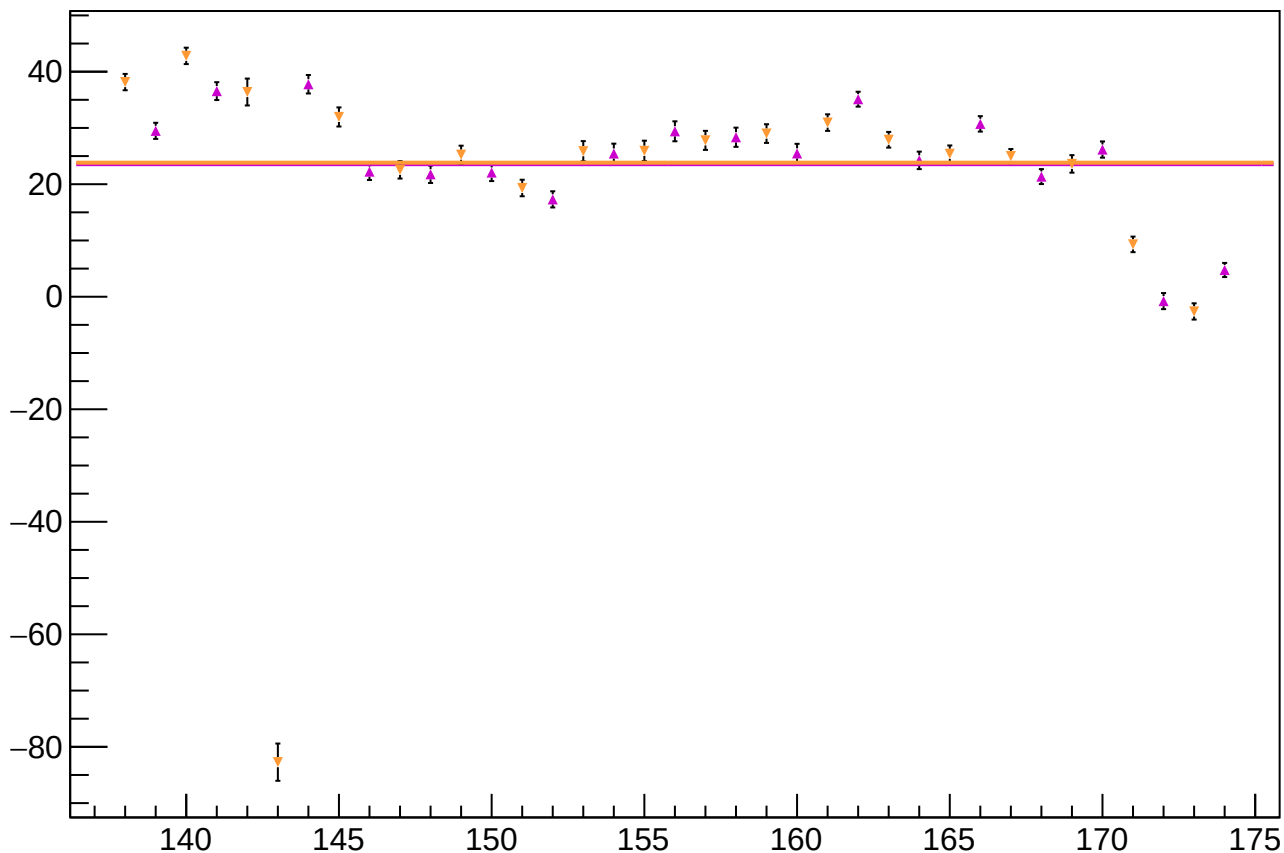
Left In: 128.162 $\pm$ 0.044 χ^2 /NDF:24560.2/17

+ sign 122.050 $\pm$ 0.038 χ^2 /NDF: 263909.8/35

All: 120.761 $\pm$ 0.027 χ^2 /NDF: 591261.2/72

- sign 119.541 $\pm$ 0.037 χ^2 /NDF: 325149.4/36

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: 23.829+/-0.362 χ^2/NDF :1860.2/18

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

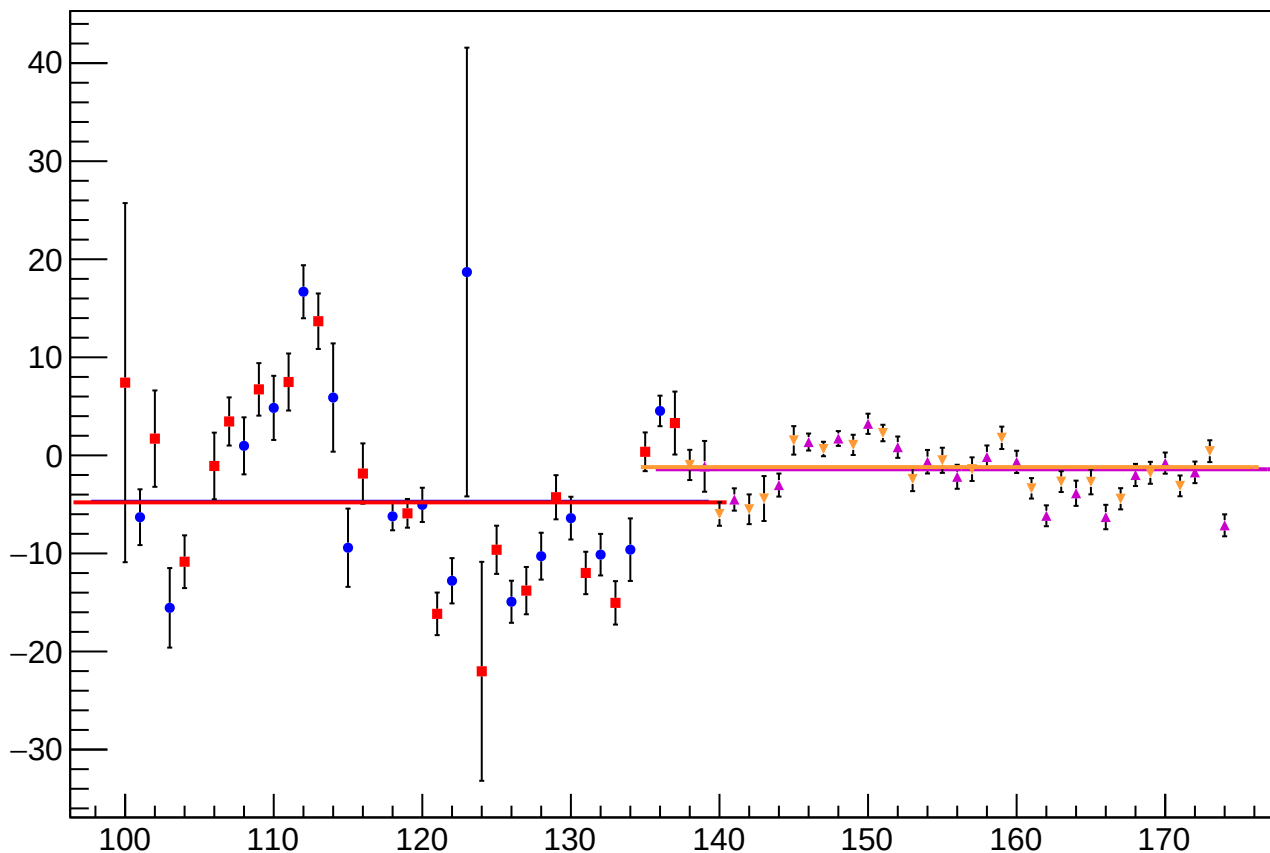
Left In: 23.558+/-0.352 χ^2/NDF :824.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.690+/-0.252 χ^2/NDF : 2684.9/36

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -1.198 ± 0.259 χ^2/NDF : 87.9/18

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

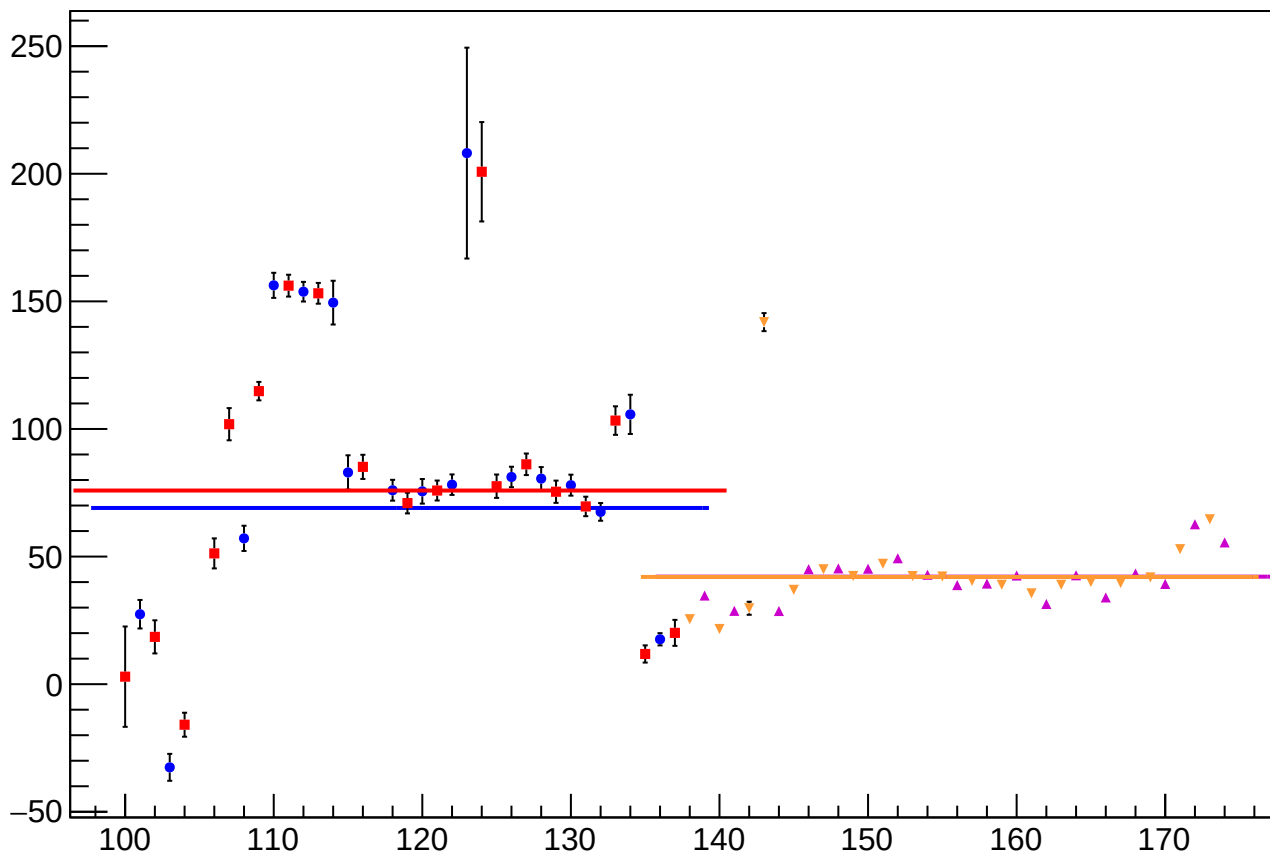
Left In: -1.418 ± 0.260 χ^2/NDF : 129.2/17

+ sign -1.786 ± 0.237 χ^2/NDF : 293.7/35

All: -1.880 ± 0.168 χ^2/NDF : 644.4/72

- sign -1.974 ± 0.238 χ^2/NDF : 350.4/36

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 ± 1.077 χ^2/NDF : 1847.9/16

Left Out: 42.024 ± 0.357 χ^2/NDF : 1452.2/18

Right Out: 75.878 ± 1.069 χ^2/NDF : 1895.0/18

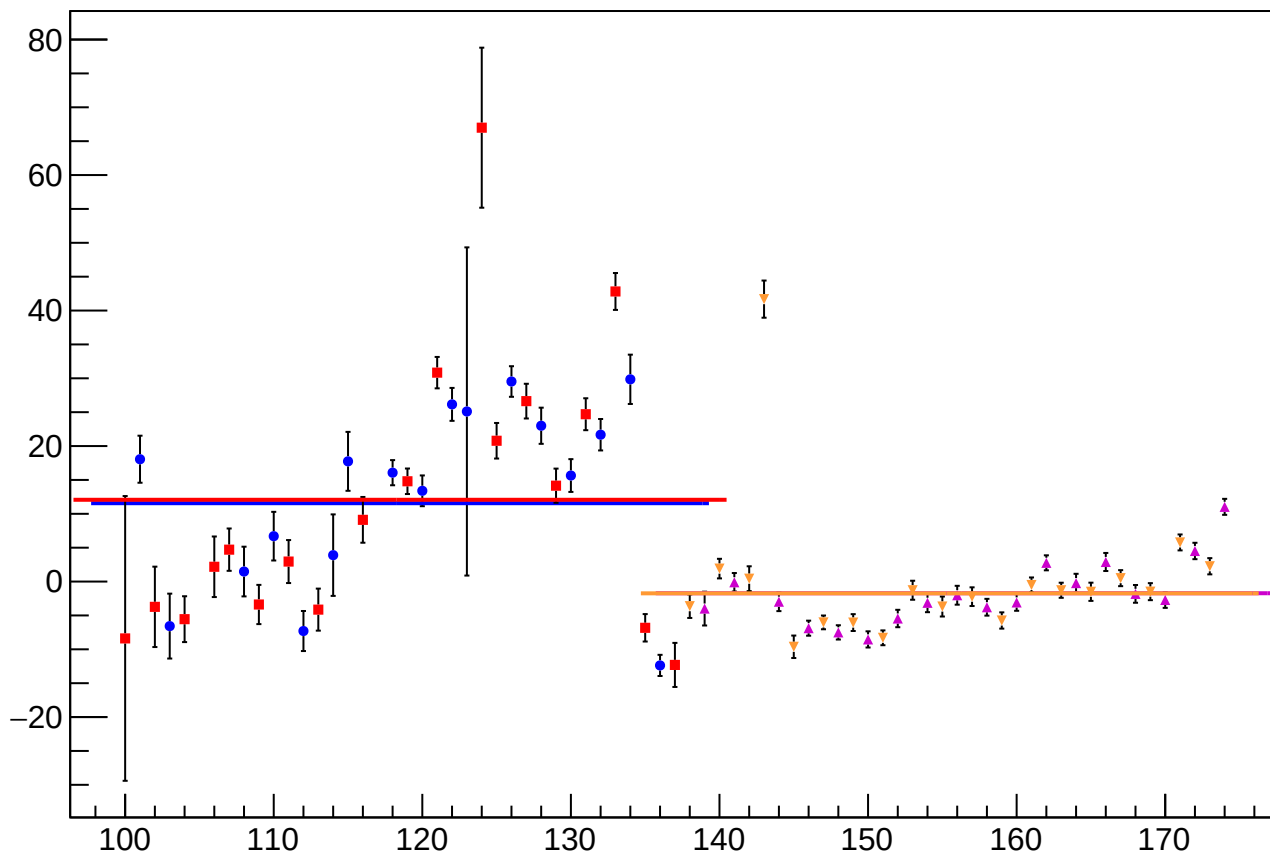
Left In: 42.127 ± 0.349 χ^2/NDF : 596.4/17

+ sign 44.705 ± 0.339 χ^2/NDF : 3867.6/35

All: 45.045 ± 0.237 χ^2/NDF : 7261.2/72

- sign 45.369 ± 0.331 χ^2/NDF : 3391.7/36

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 ± 0.658 χ^2/NDF : 478.2/16

Left Out: -1.738 ± 0.299 χ^2/NDF : 418.3/18

Right Out: 12.071 ± 0.665 χ^2/NDF : 543.3/18

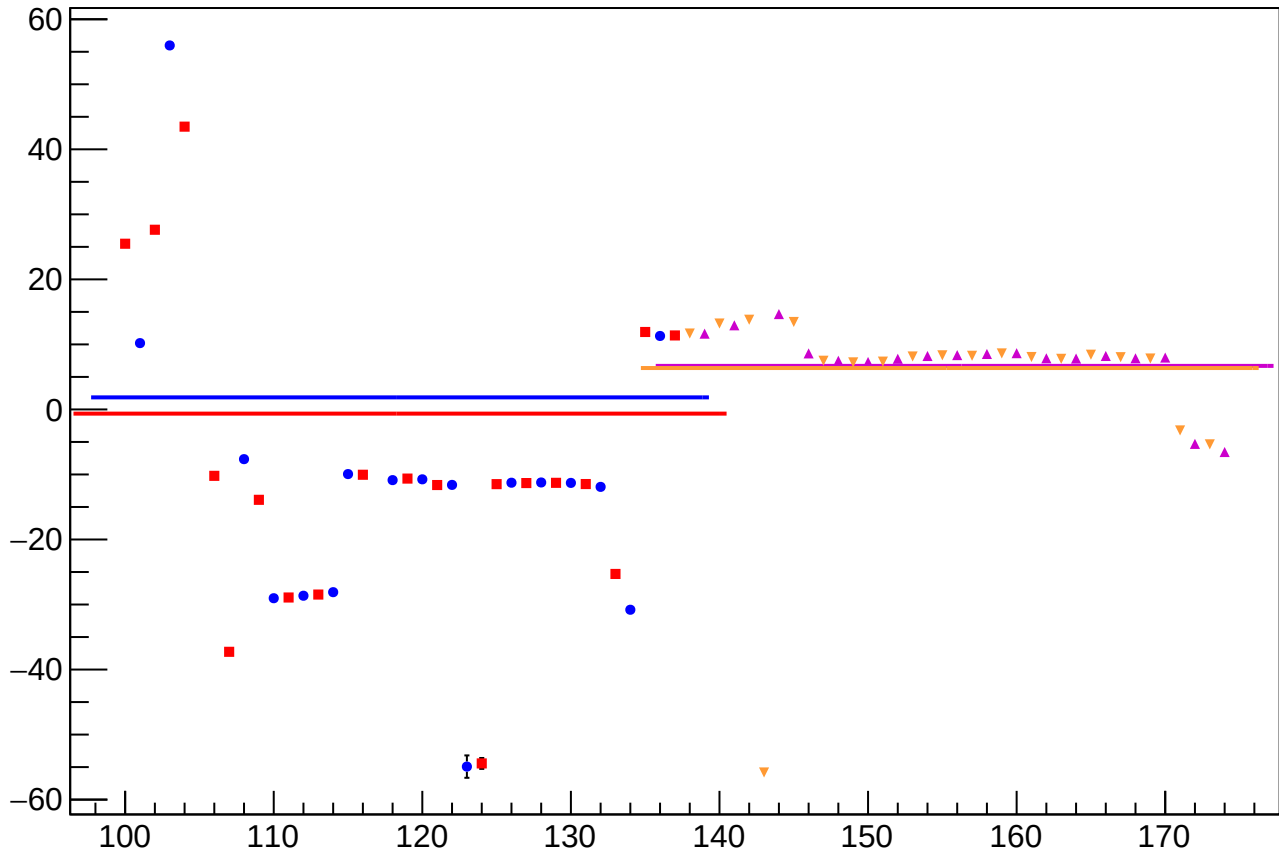
Left In: -1.722 ± 0.299 χ^2/NDF : 274.4/17

+ sign 0.538 ± 0.272 χ^2/NDF : 1235.1/35

All: 0.567 ± 0.193 χ^2/NDF : 2411.2/72

- sign 0.597 ± 0.272 χ^2/NDF : 1176.1/36

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: 6.367 ± 0.014 χ^2/NDF : 320881.7/18

Right Out: -0.644 ± 0.037 χ^2/NDF : 361625.7/18

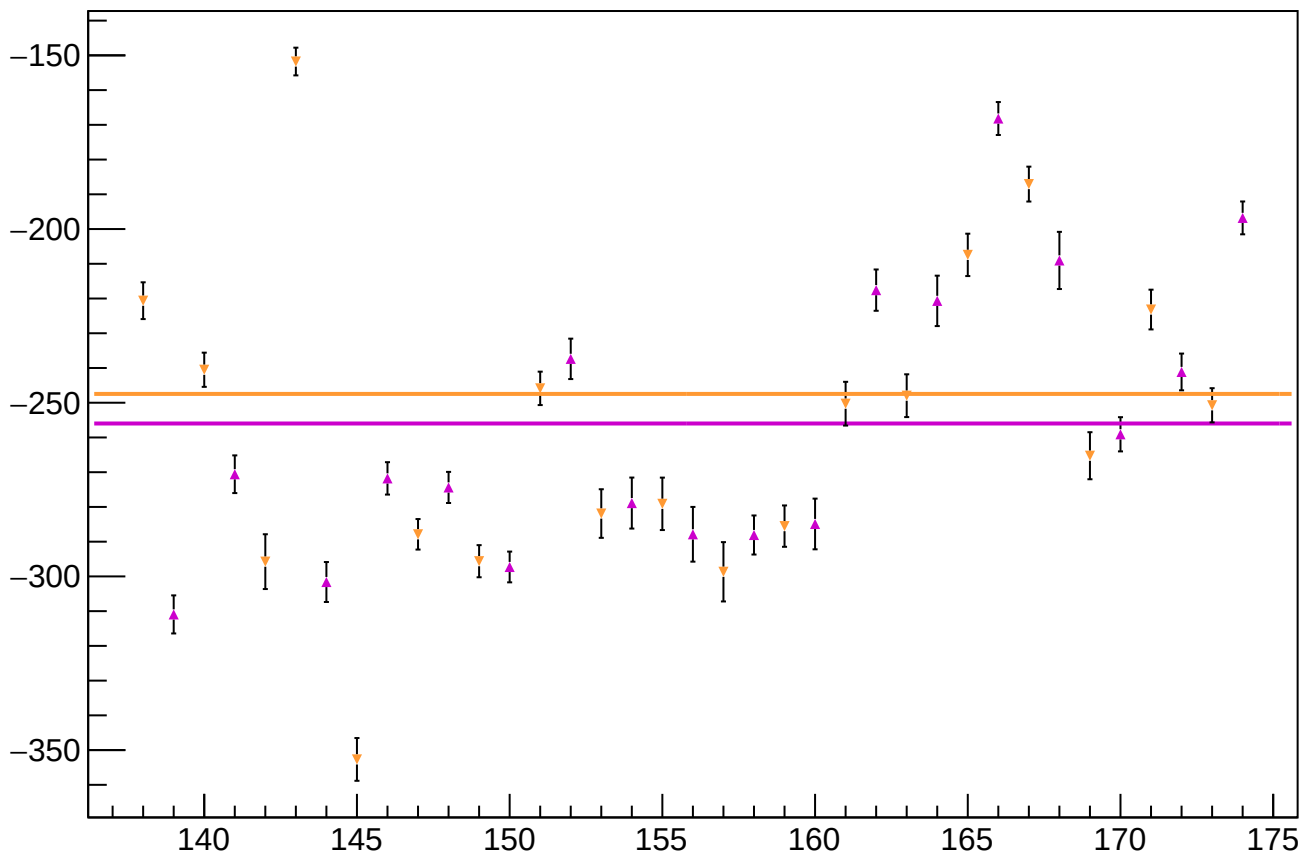
Left In: 6.697 ± 0.013 χ^2/NDF : 159132.1/17

+ sign 5.814 ± 0.013 χ^2/NDF : 693344.1/35

All: 5.826 ± 0.009 χ^2/NDF : 1248760.9/72

- sign 5.837 ± 0.013 χ^2/NDF : 555415.2/36

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: -247.464+/-1.274 χ^2/NDF :1457.7/18

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

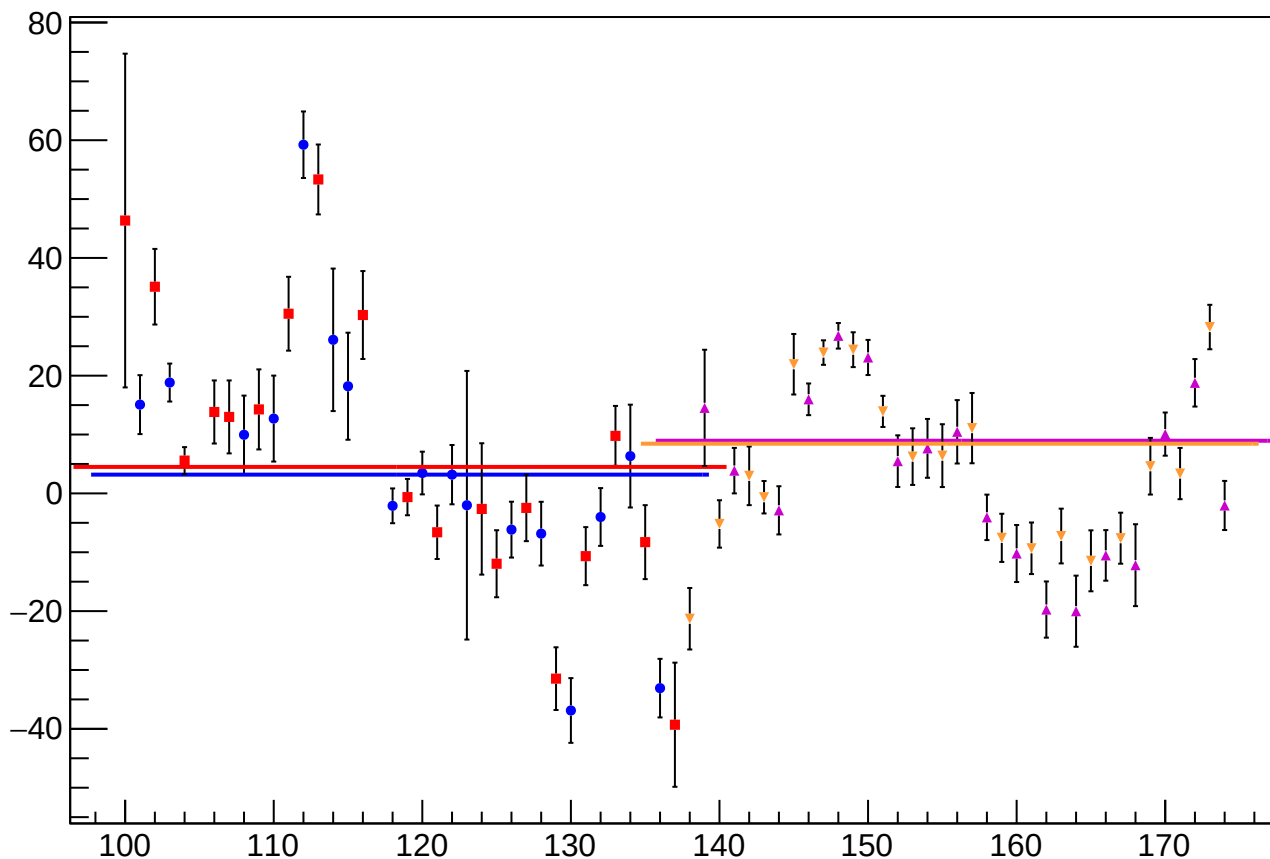
Left In: -255.979+/-1.305 χ^2/NDF :976.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -251.621+/-0.912 χ^2/NDF : 2456.0/36

- 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: 8.443 ± 0.871 χ^2/NDF : 253.3/18

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

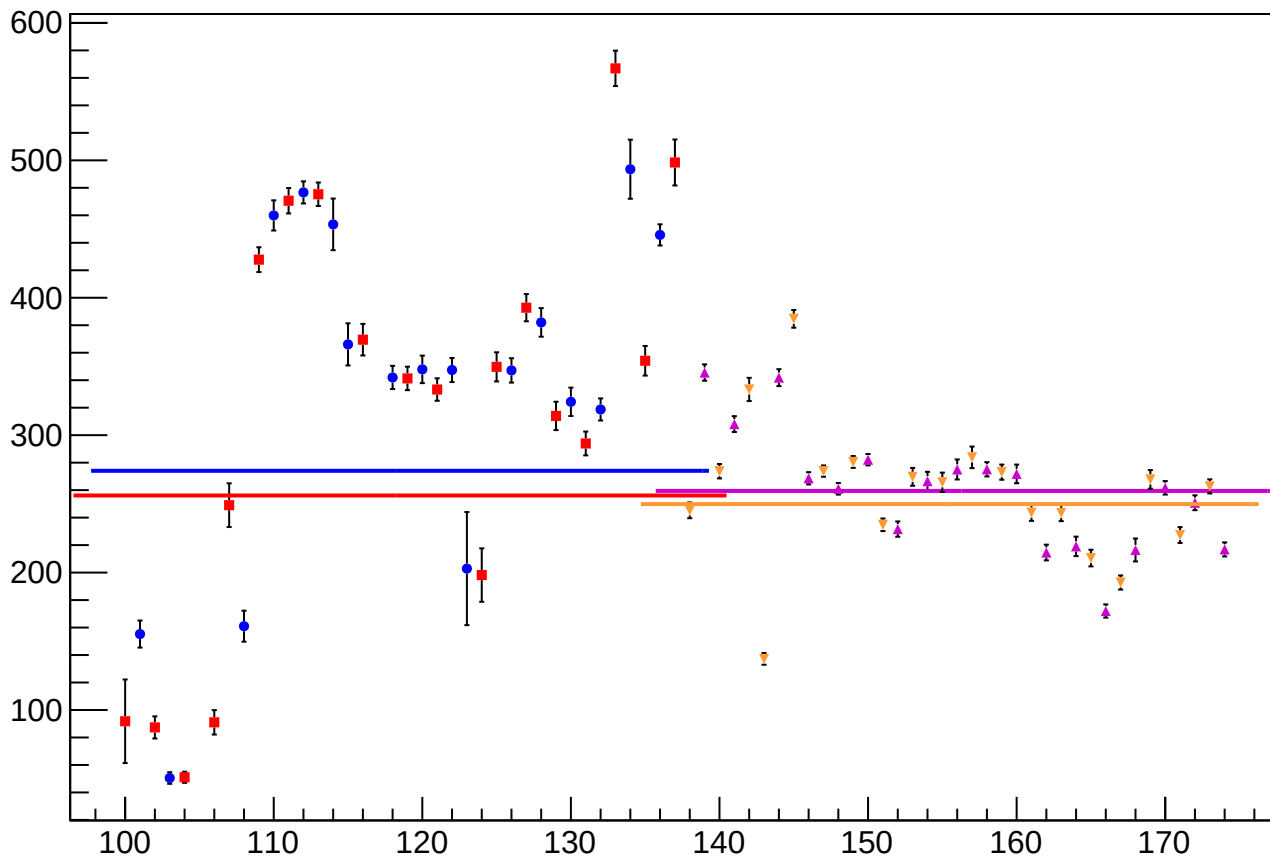
Left In: 8.944 ± 0.923 χ^2/NDF : 236.7/17

+ sign 6.678 ± 0.710 χ^2/NDF : 521.1/35

All: 6.945 ± 0.506 χ^2/NDF : 992.6/72

- sign 7.221 ± 0.722 χ^2/NDF : 471.2/36

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 $\pm$ 2.191 χ^2 /NDF: 5112.0/16

Left Out: 249.845 $\pm$ 1.265 χ^2 /NDF:1597.4/18

Right Out: 256.109 $\pm$ 2.080 χ^2 /NDF: 6444.1/18

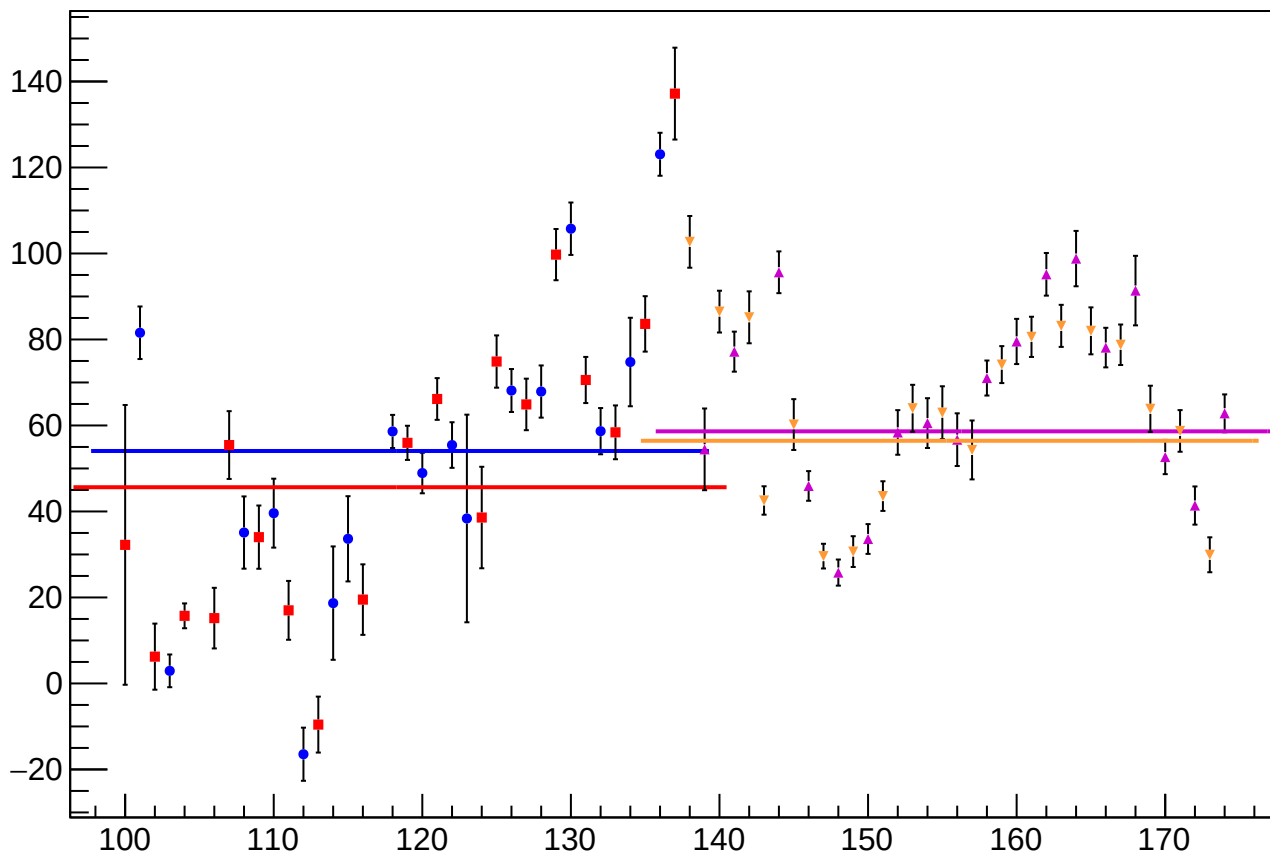
Left In: 259.434 $\pm$ 1.288 χ^2 /NDF:1058.4/17

+ sign 255.906 $\pm$ 1.096 χ^2 /NDF: 6801.1/35

All: 257.210 $\pm$ 0.775 χ^2 /NDF: 14308.2/72

- sign 258.513 $\pm$ 1.095 χ^2 /NDF: 7504.3/36

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 56.439 $\pm$ 1.031 χ^2 /NDF: 457.0/18

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

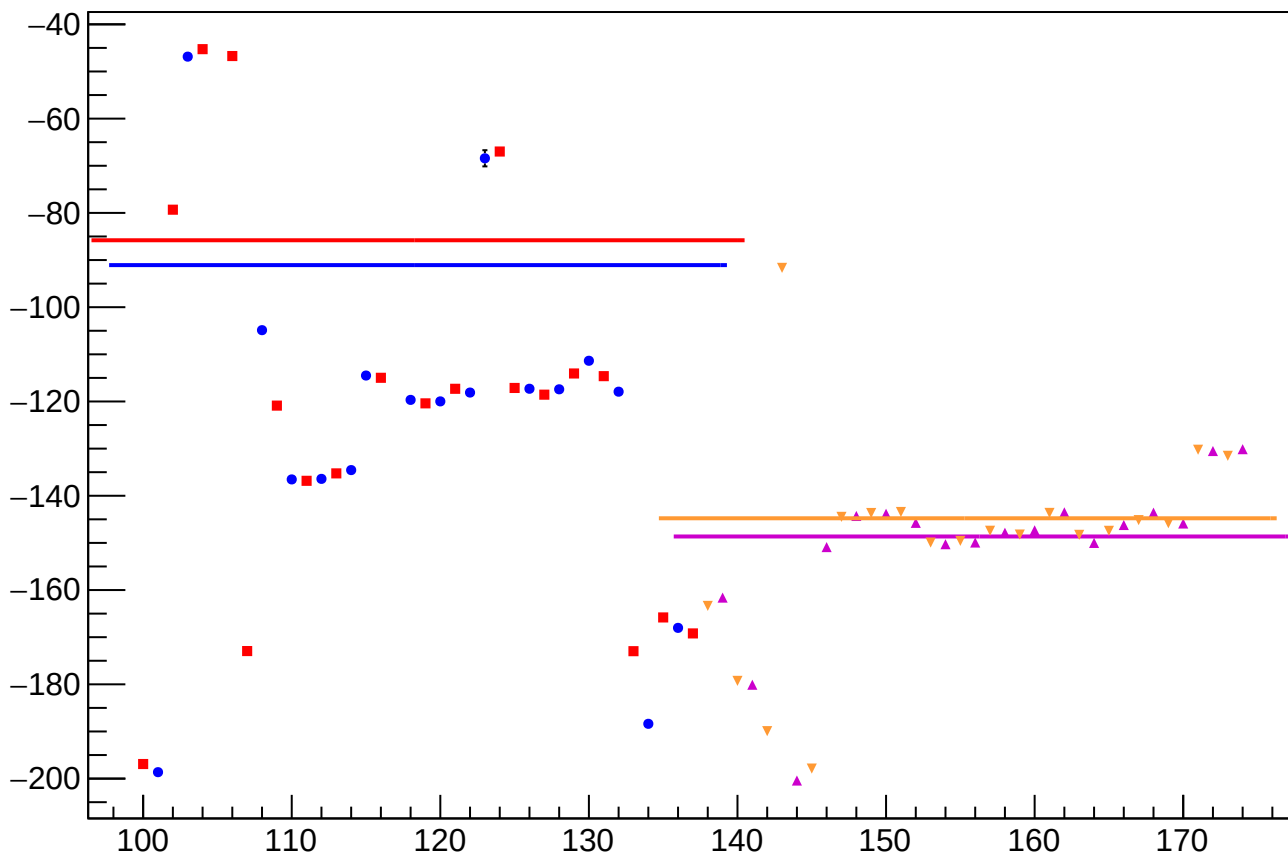
Left In: 58.632 $\pm$ 1.079 χ^2 /NDF: 427.9/17

+ sign 55.620 $\pm$ 0.834 χ^2 /NDF: 1093.2/35

All: 54.626 $\pm$ 0.594 χ^2 /NDF: 2110.8/72

- sign 53.605 $\pm$ 0.845 χ^2 /NDF: 1014.7/36

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: -144.777+/-0.050 χ^2/NDF : 198923.2/18

Right Out: -85.803+/-0.065 χ^2/NDF : 495895.1/18

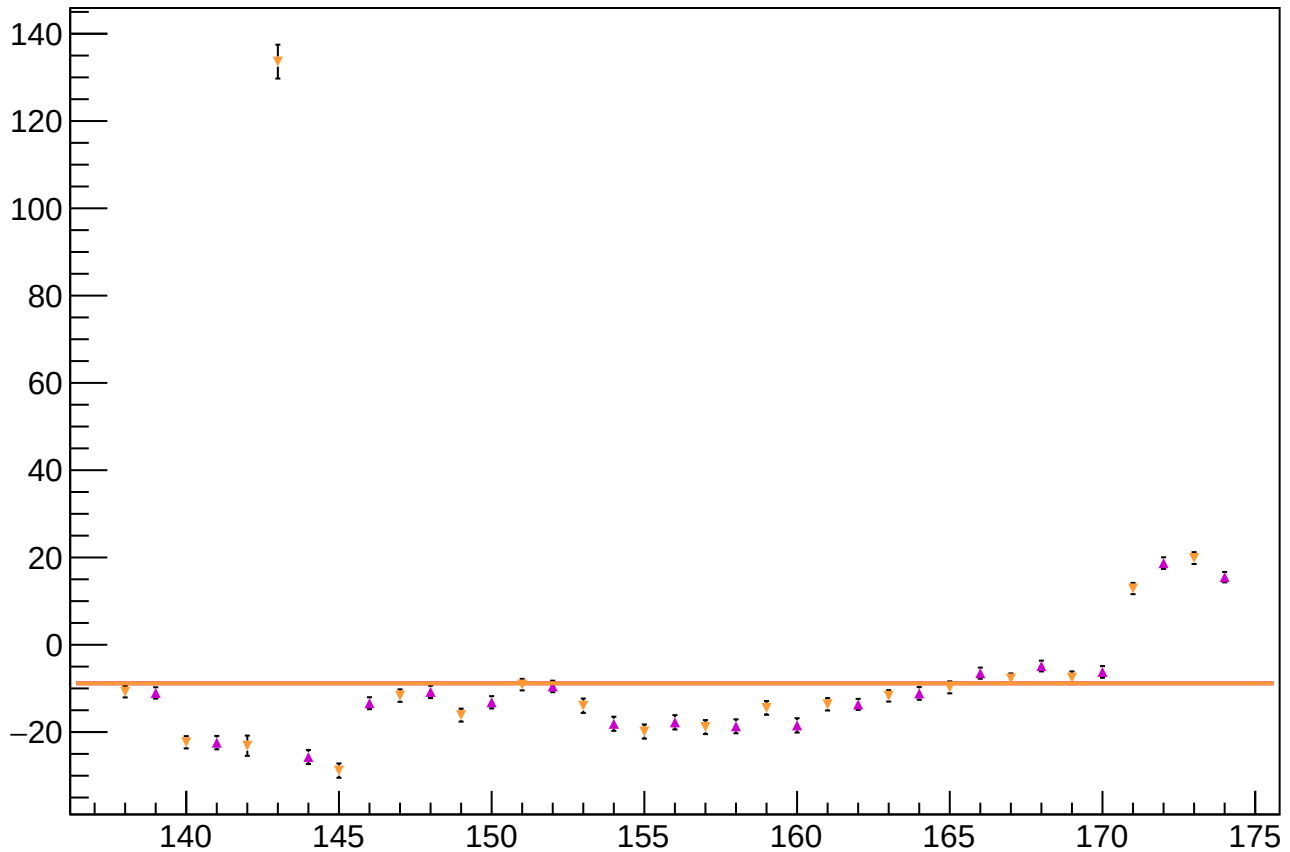
Left In: -148.638+/-0.051 χ^2/NDF : 80498.3/17

+ sign -125.686+/-0.040 χ^2/NDF : 1141185.5/35

All: -125.307+/-0.028 χ^2/NDF : 2298973.7/72

- sign -124.933+/-0.040 χ^2/NDF : 1157611.9/36

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: -8.834+/-0.339 χ^2/NDF : 2512.7/18

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

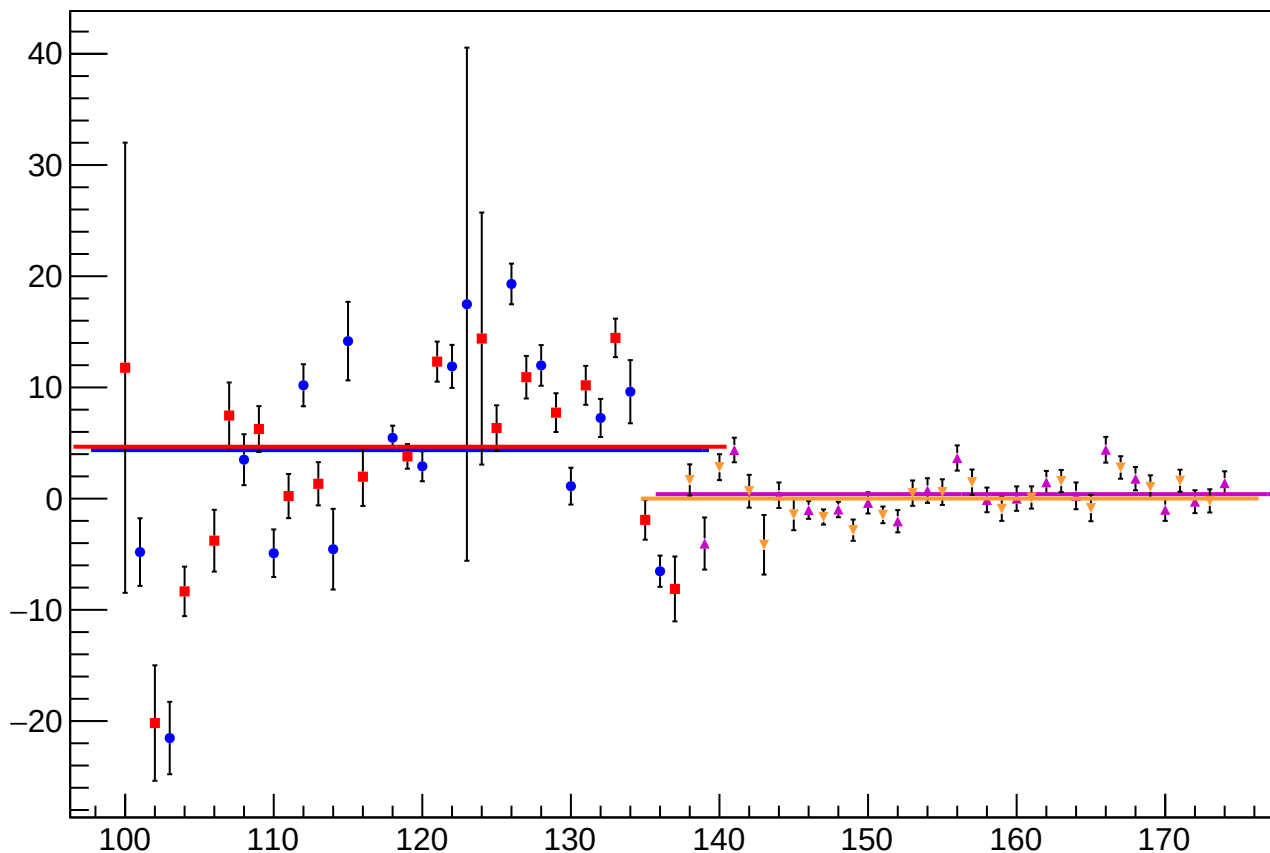
Left In: -8.822+/-0.330 χ^2/NDF : 1222.4/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.828+/-0.236 χ^2/NDF : 3735.2/36

- 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: 0.007 ± 0.242 χ^2/NDF : 46.6/18

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

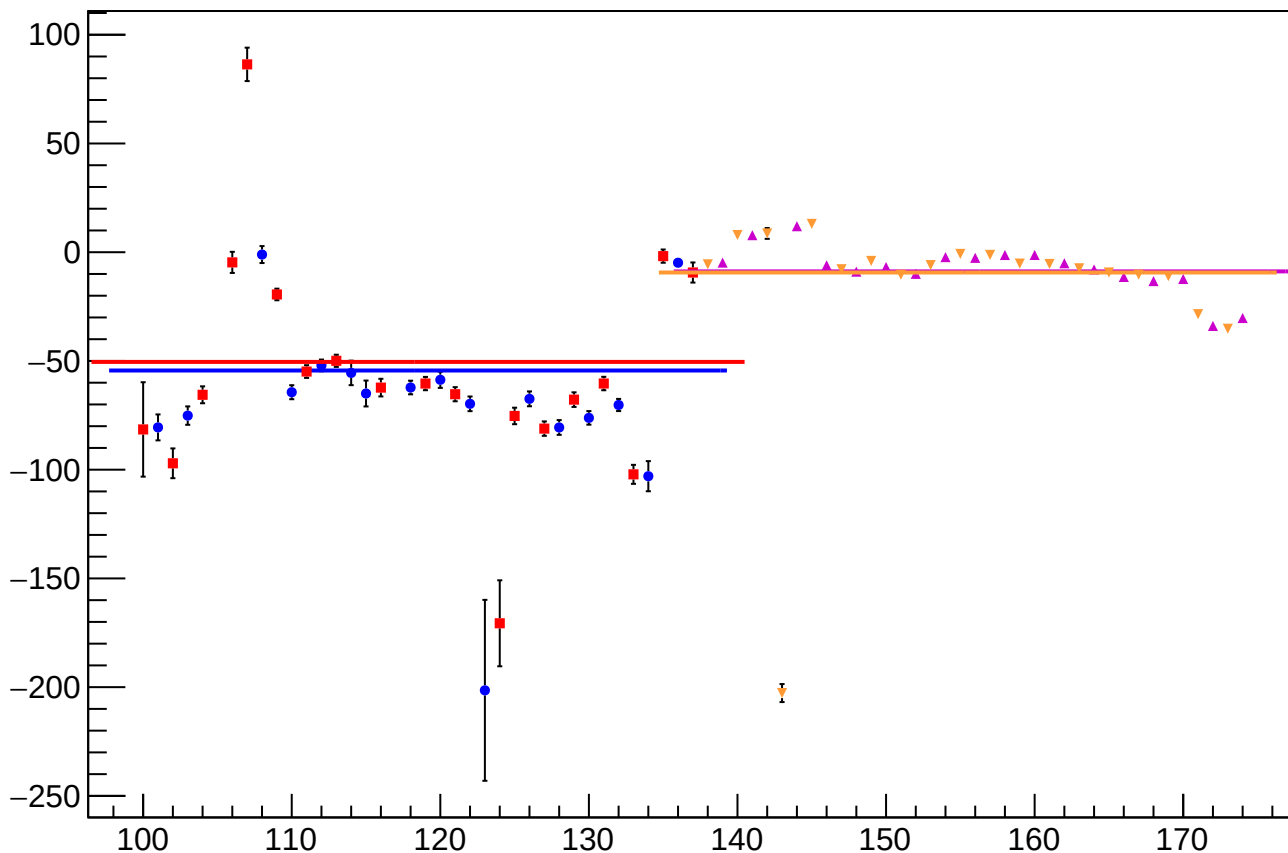
Left In: 0.406 ± 0.244 χ^2/NDF : 56.8/17

+ sign 0.937 ± 0.215 χ^2/NDF : 402.3/35

All: 1.115 ± 0.153 χ^2/NDF : 709.9/72

- sign 1.297 ± 0.217 χ^2/NDF : 306.2/36

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: -9.329 ± 0.334 χ^2/NDF : 3197.4/18

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

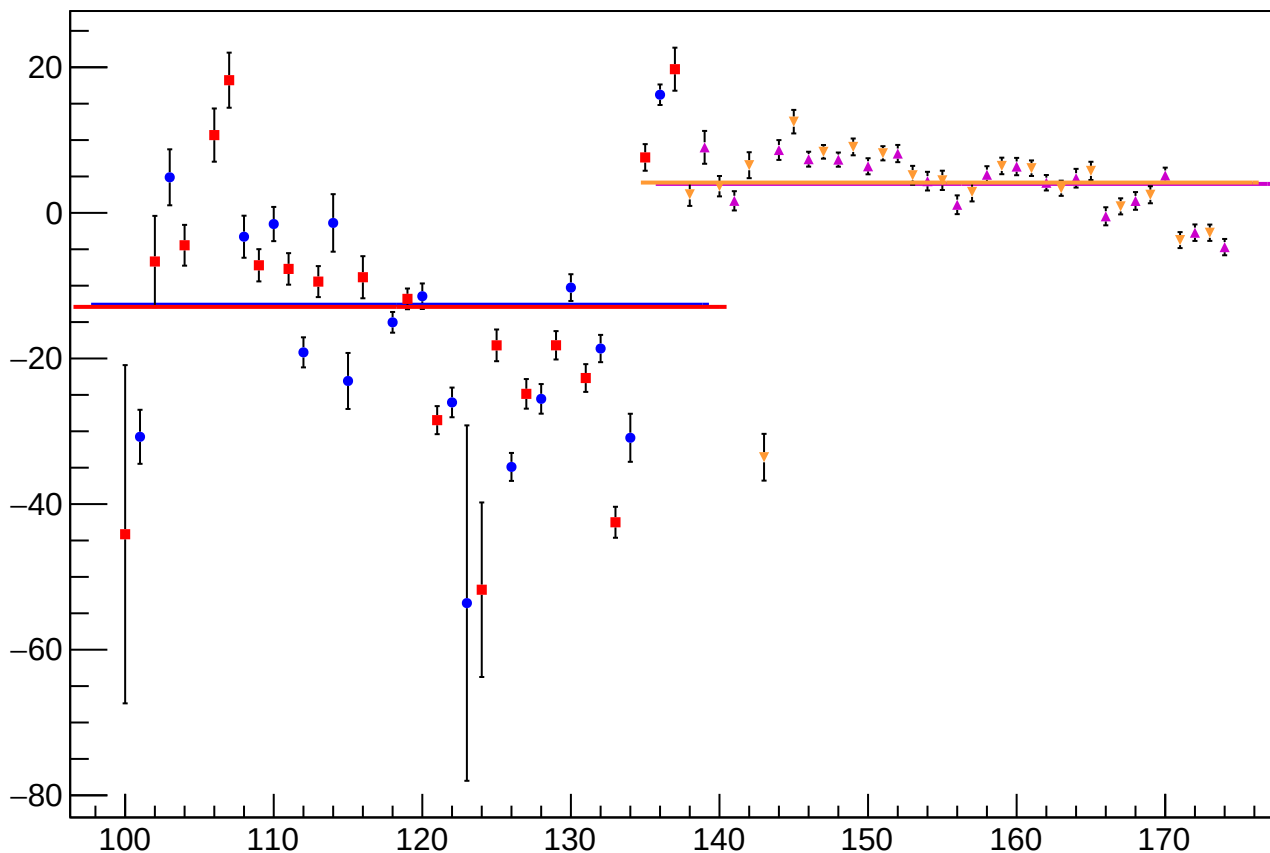
Left In: -8.819 ± 0.326 χ^2/NDF : 995.7/17

+ sign -15.209 ± 0.312 χ^2/NDF : 6584.2/35

All: -14.633 ± 0.218 χ^2/NDF : 10970.1/72

- sign -14.081 ± 0.305 χ^2/NDF : 4379.1/36

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 $\pm$ 0.530 χ^2 /NDF: 788.2/16

Left Out: 4.163 $\pm$ 0.280 χ^2 /NDF:334.7/18

Right Out: -12.912 $\pm$ 0.538 χ^2 /NDF: 730.2/18

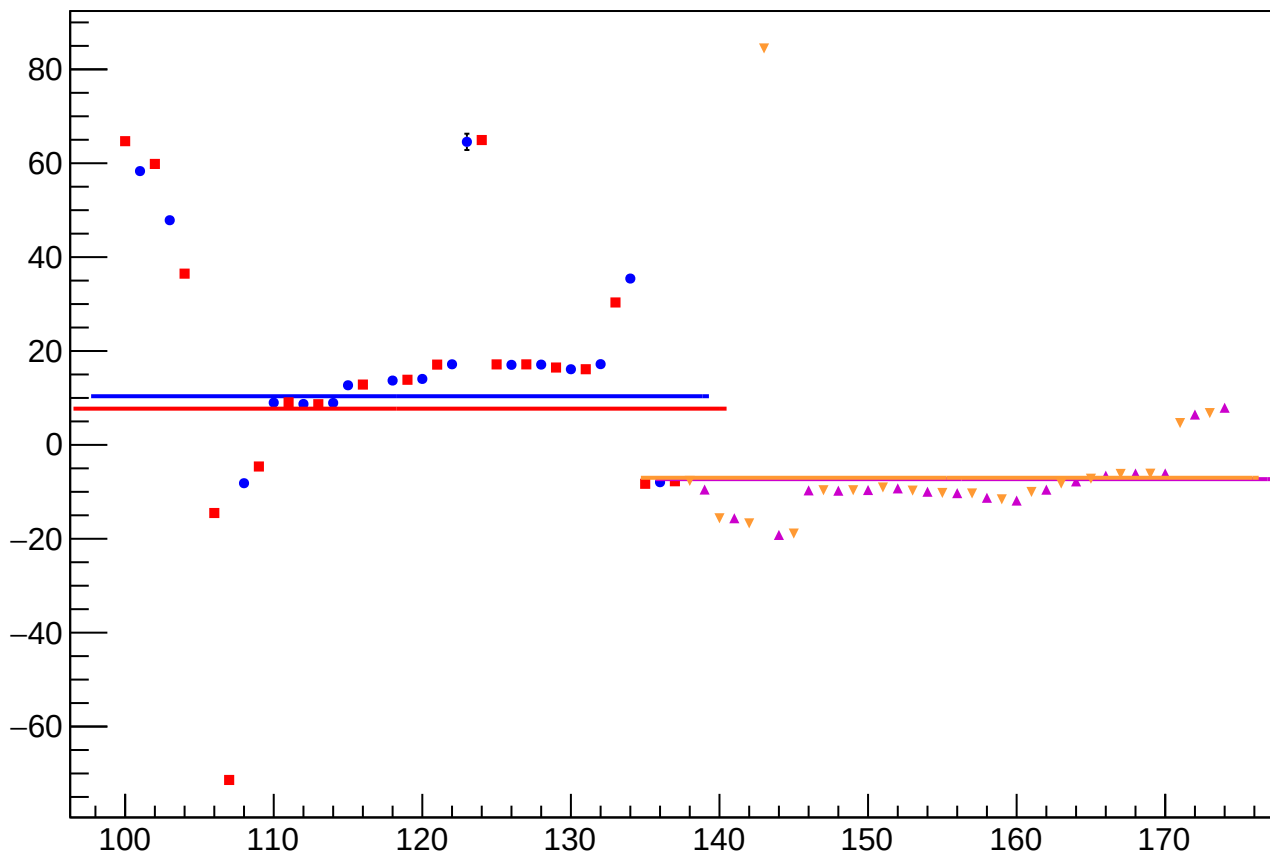
Left In: 3.979 $\pm$ 0.280 χ^2 /NDF:183.0/17

+ sign 0.508 $\pm$ 0.247 χ^2 /NDF: 1906.3/35

All: 0.444 $\pm$ 0.175 χ^2 /NDF: 3594.7/72

- sign 0.378 $\pm$ 0.248 χ^2 /NDF: 1688.3/36

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366 $\pm$ 0.031 χ^2 /NDF: 381003.5/16

Left Out: -7.005 $\pm$ 0.013 χ^2 /NDF: 527001.8/18

Right Out: 7.719 $\pm$ 0.031 χ^2 /NDF: 545085.7/18

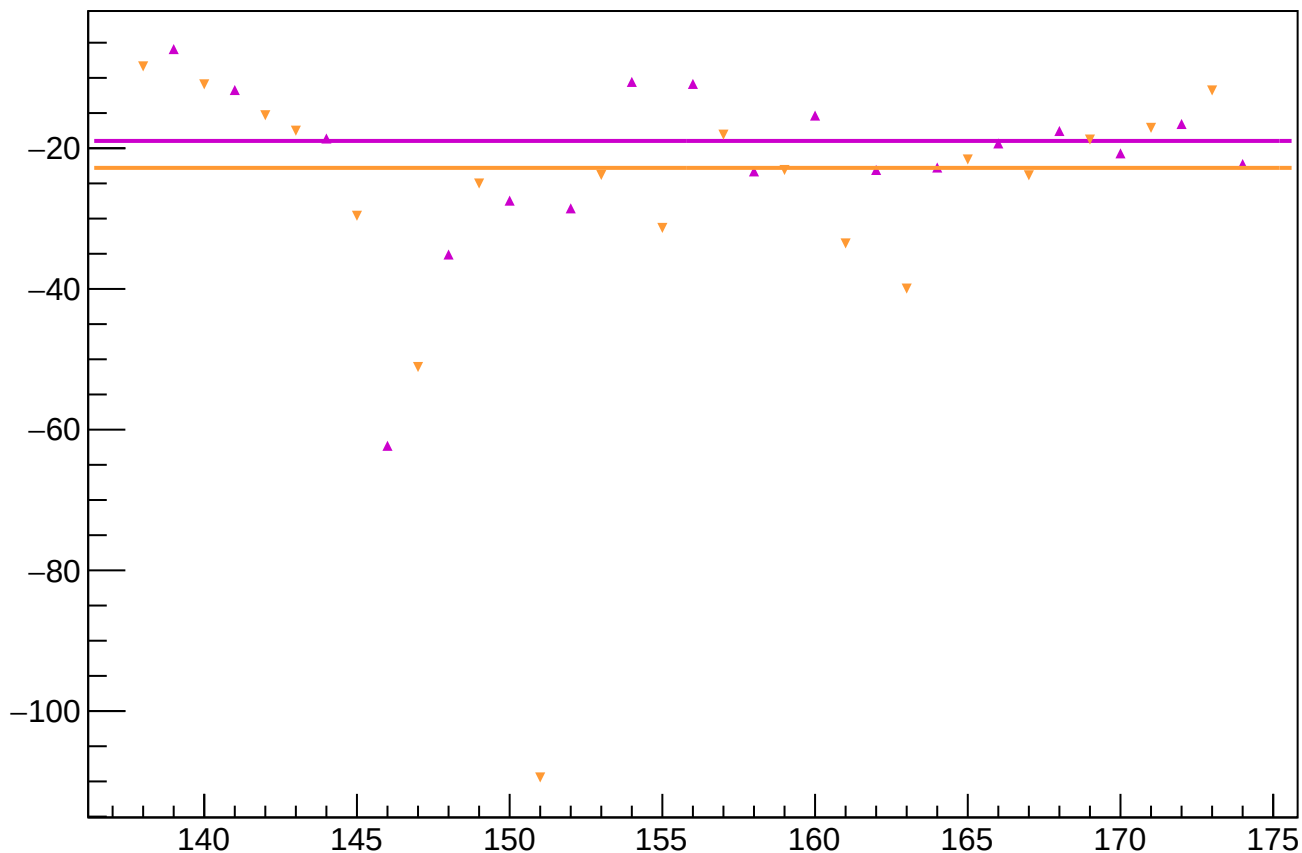
Left In: -7.297 $\pm$ 0.013 χ^2 /NDF: 255595.9/17

+ sign -4.366 $\pm$ 0.012 χ^2 /NDF: 1182433.1/35

All: -4.787 $\pm$ 0.008 χ^2 /NDF: 2184066.4/72

- sign -5.193 $\pm$ 0.012 χ^2 /NDF: 999173.6/36

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -22.792+/-0.054 χ^2/NDF : 62475.0/18

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

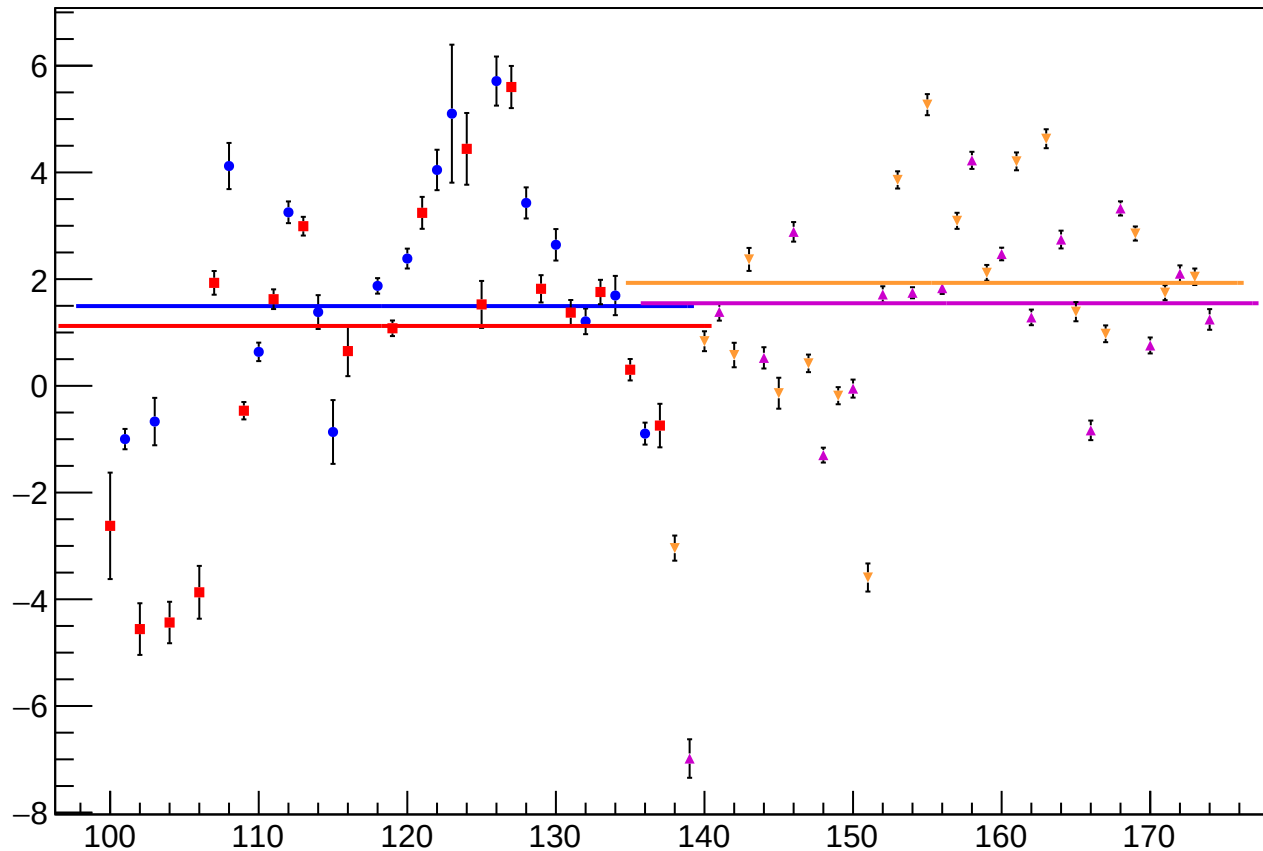
Left In: -18.961+/-0.048 χ^2/NDF : 38384.5/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.655+/-0.036 χ^2/NDF : 103711.1/36

- 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 $\pm$ 0.061 χ^2/NDF : 708.8/16

Left Out: 1.930 $\pm$ 0.040 χ^2/NDF : 2270.3/18

Right Out: 1.123 $\pm$ 0.058 χ^2/NDF : 946.5/18

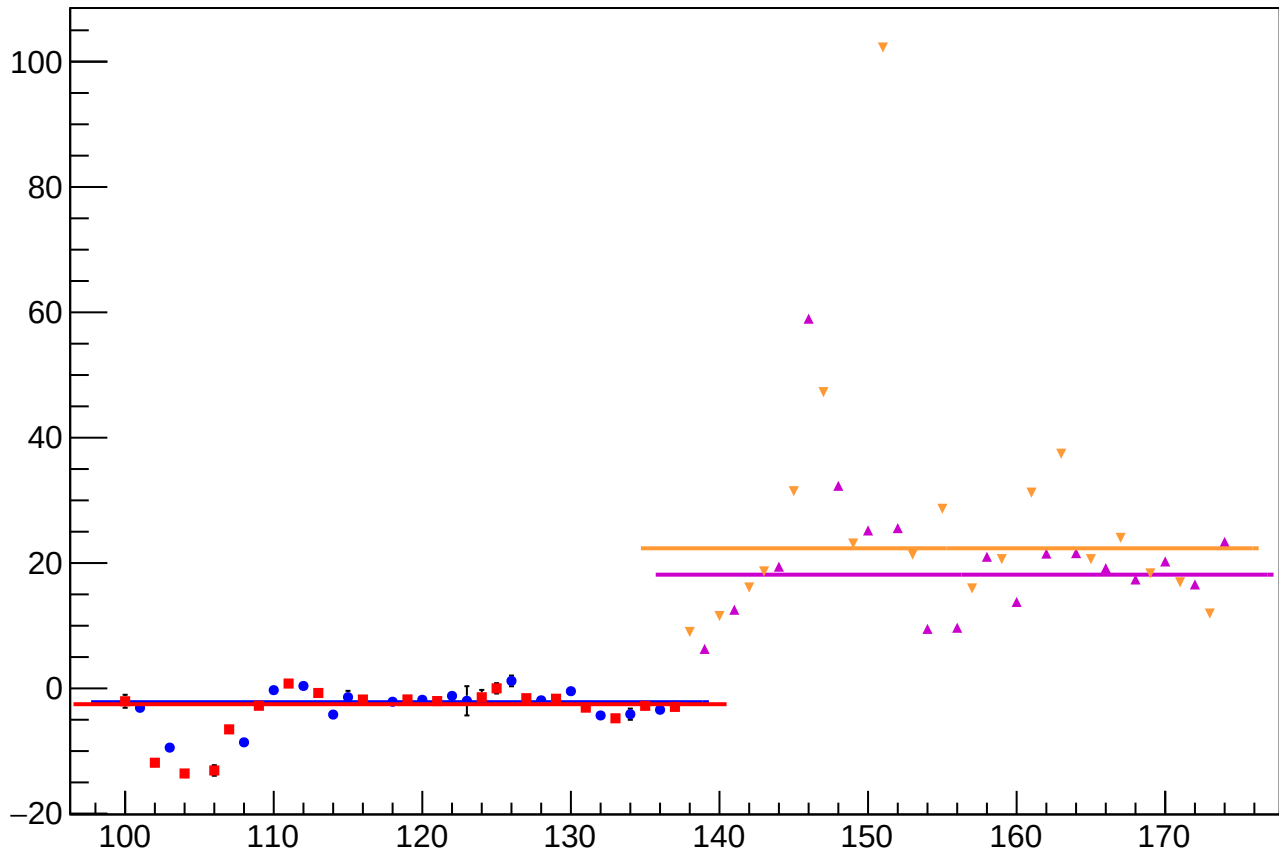
Left In: 1.548 $\pm$ 0.035 χ^2/NDF : 1940.0/17

+ sign 1.800 $\pm$ 0.033 χ^2/NDF : 3014.8/35

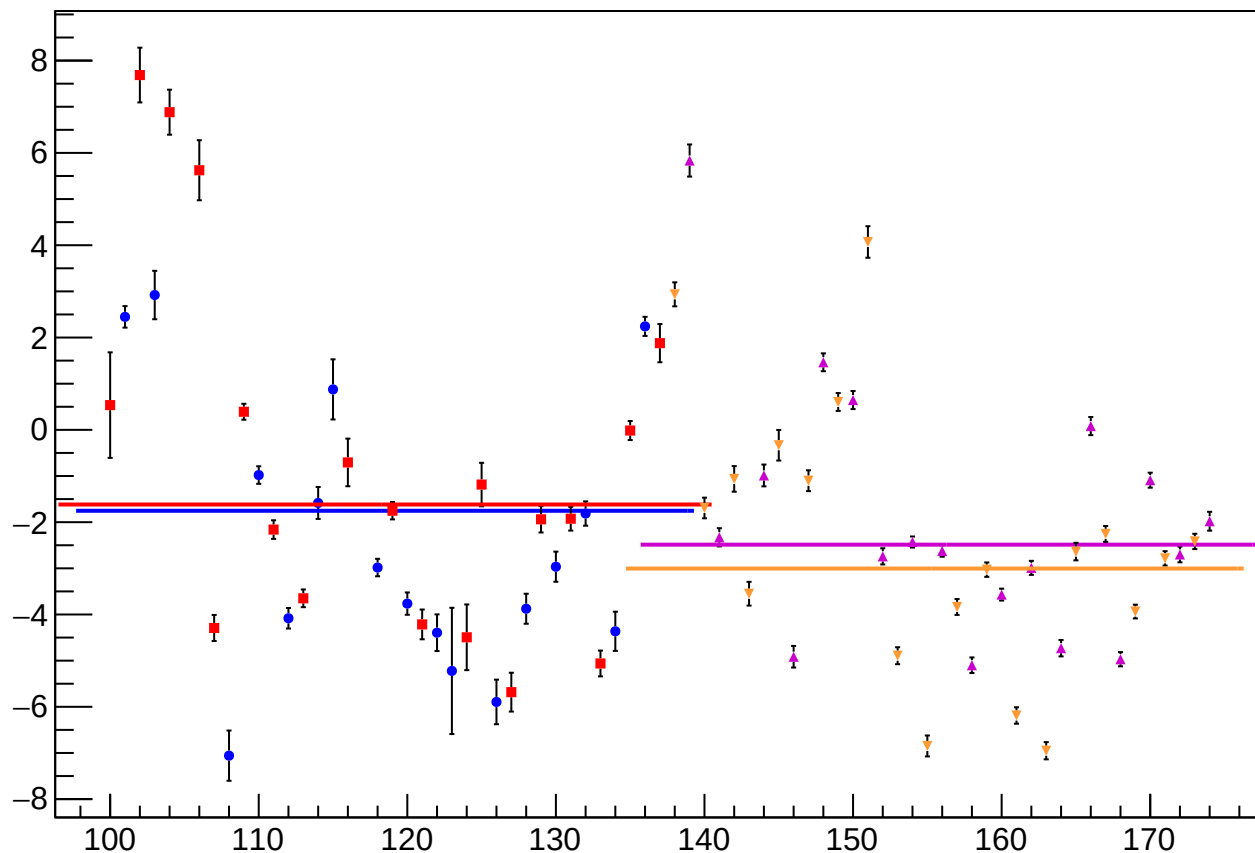
All: 1.599 $\pm$ 0.022 χ^2/NDF : 6006.8/72

- sign 1.433 $\pm$ 0.030 χ^2/NDF : 2925.5/36

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 $\pm$ 0.070 χ^2/NDF : 1345.0/16

Left Out: -3.004 $\pm$ 0.045 χ^2/NDF : 2784.6/18

Right Out: -1.617 $\pm$ 0.066 χ^2/NDF : 1487.5/18

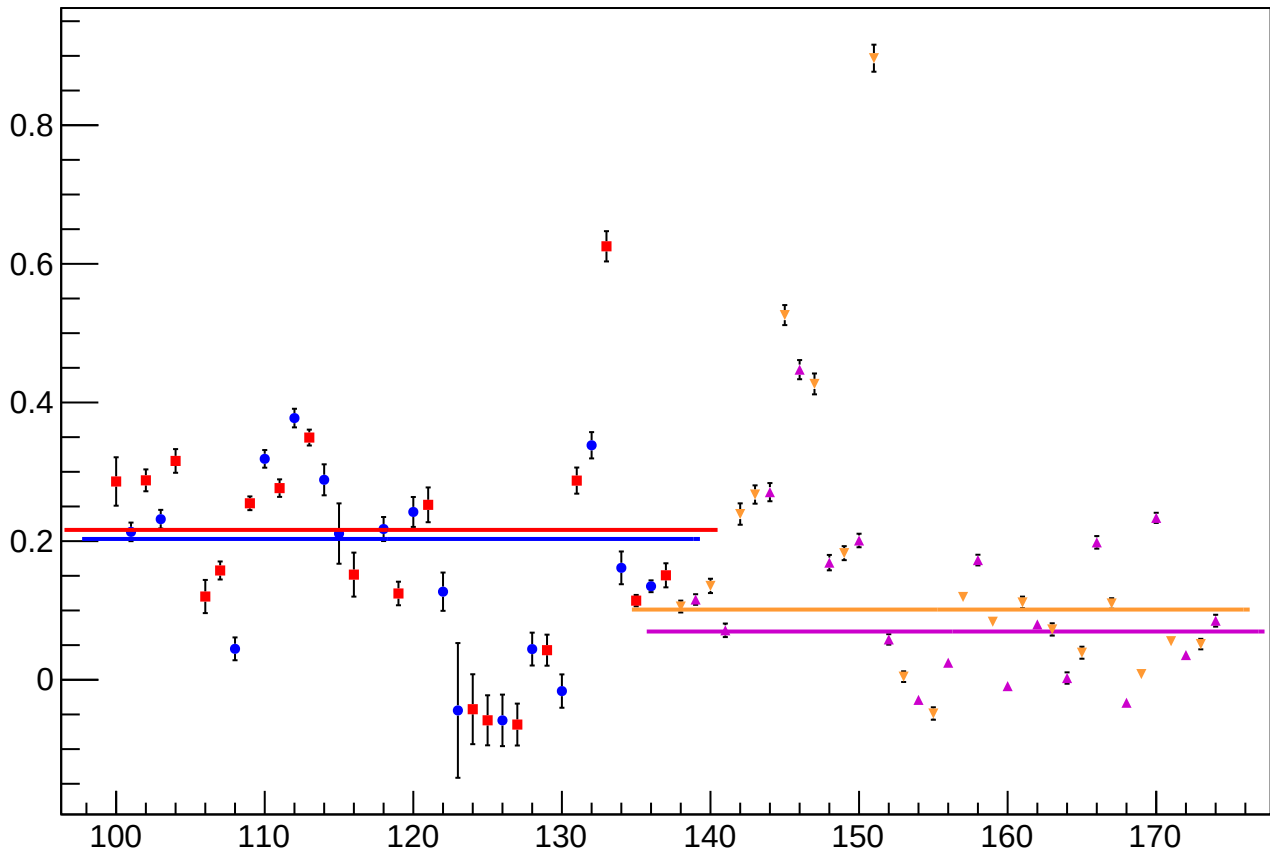
Left In: -2.487 $\pm$ 0.040 χ^2/NDF : 2387.5/17

+ sign -2.641 $\pm$ 0.038 χ^2/NDF : 4354.5/35

All: -2.427 $\pm$ 0.025 χ^2/NDF : 8415.6/72

- sign -2.252 $\pm$ 0.034 χ^2/NDF : 4002.9/36

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203+/-0.004 χ^2/NDF : 677.2/16

Left Out: 0.101+/-0.002 χ^2/NDF : 4101.0/18

Right Out: 0.216+/-0.004 χ^2/NDF : 1067.3/18

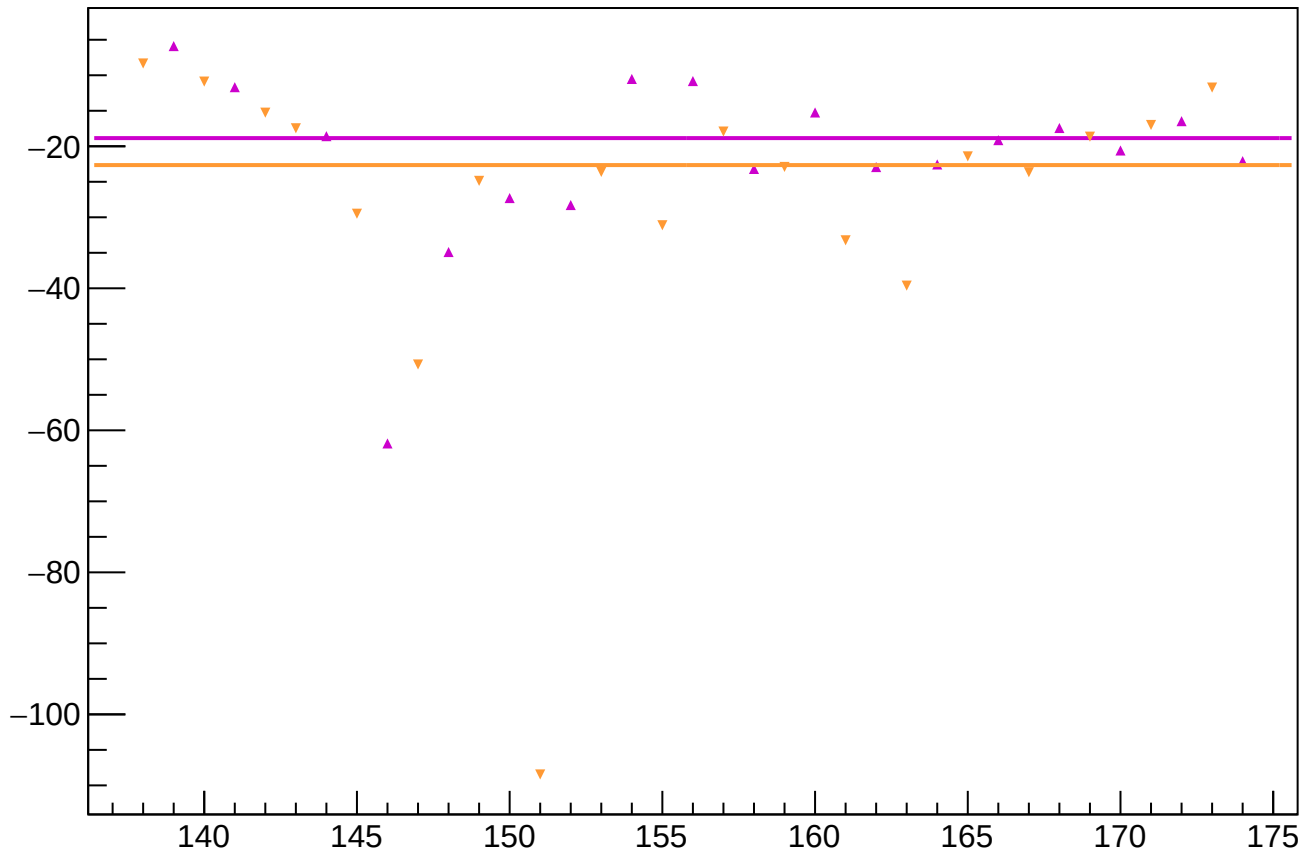
Left In: 0.070+/-0.002 χ^2/NDF : 3211.5/17

+ sign 0.121+/-0.002 χ^2/NDF : 5269.1/35

All: 0.107+/-0.001 χ^2/NDF : 10943.2/72

- sign 0.096+/-0.002 χ^2/NDF : 5568.7/36

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -22.648 $\pm$ 0.053 χ^2/NDF : 62287.8/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

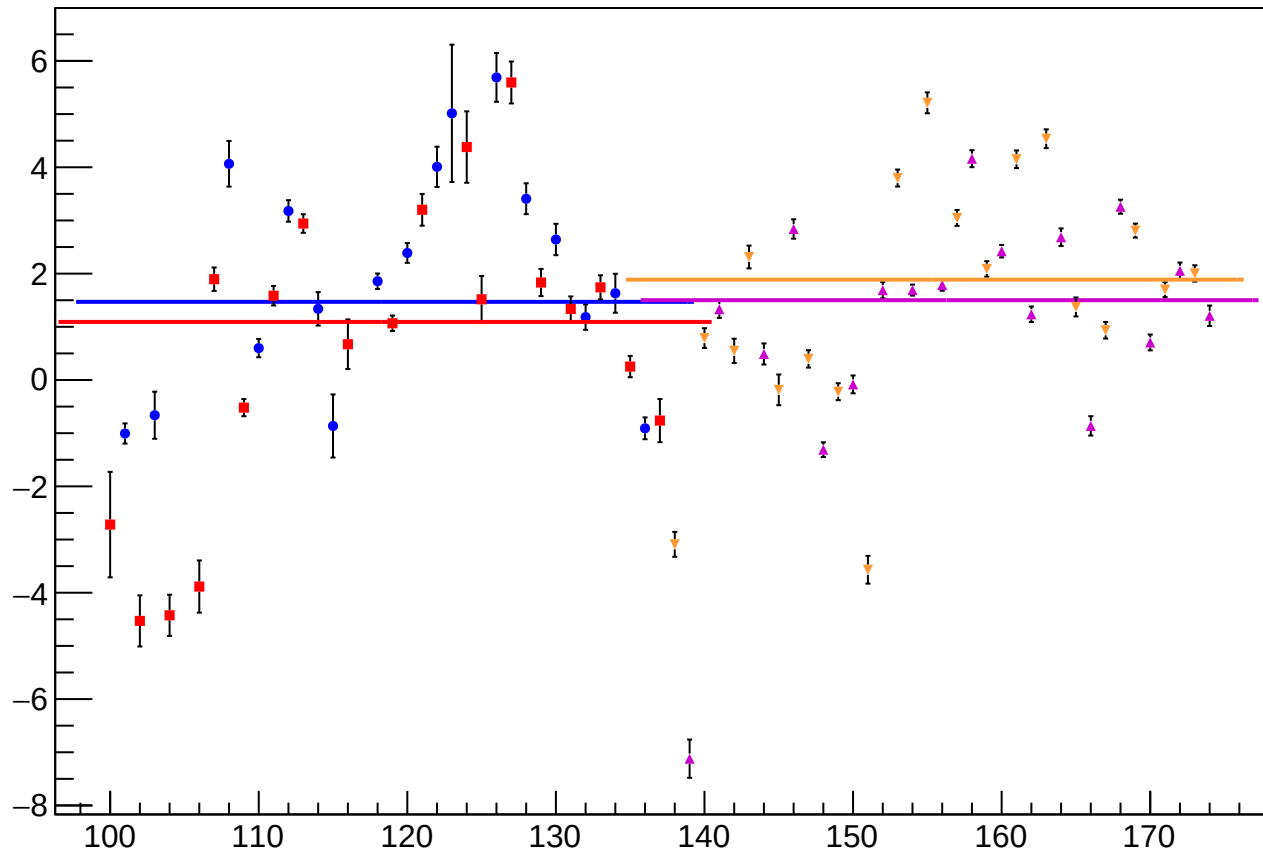
Left In: -18.849 $\pm$ 0.047 χ^2/NDF : 38294.3/17

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -20.530 $\pm$ 0.035 χ^2/NDF : 103423.3/36

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 $\pm$ 0.061 χ^2/NDF : 707.9/16

Left Out: 1.887 $\pm$ 0.040 χ^2/NDF : 2269.9/18

Right Out: 1.092 $\pm$ 0.058 χ^2/NDF : 952.1/18

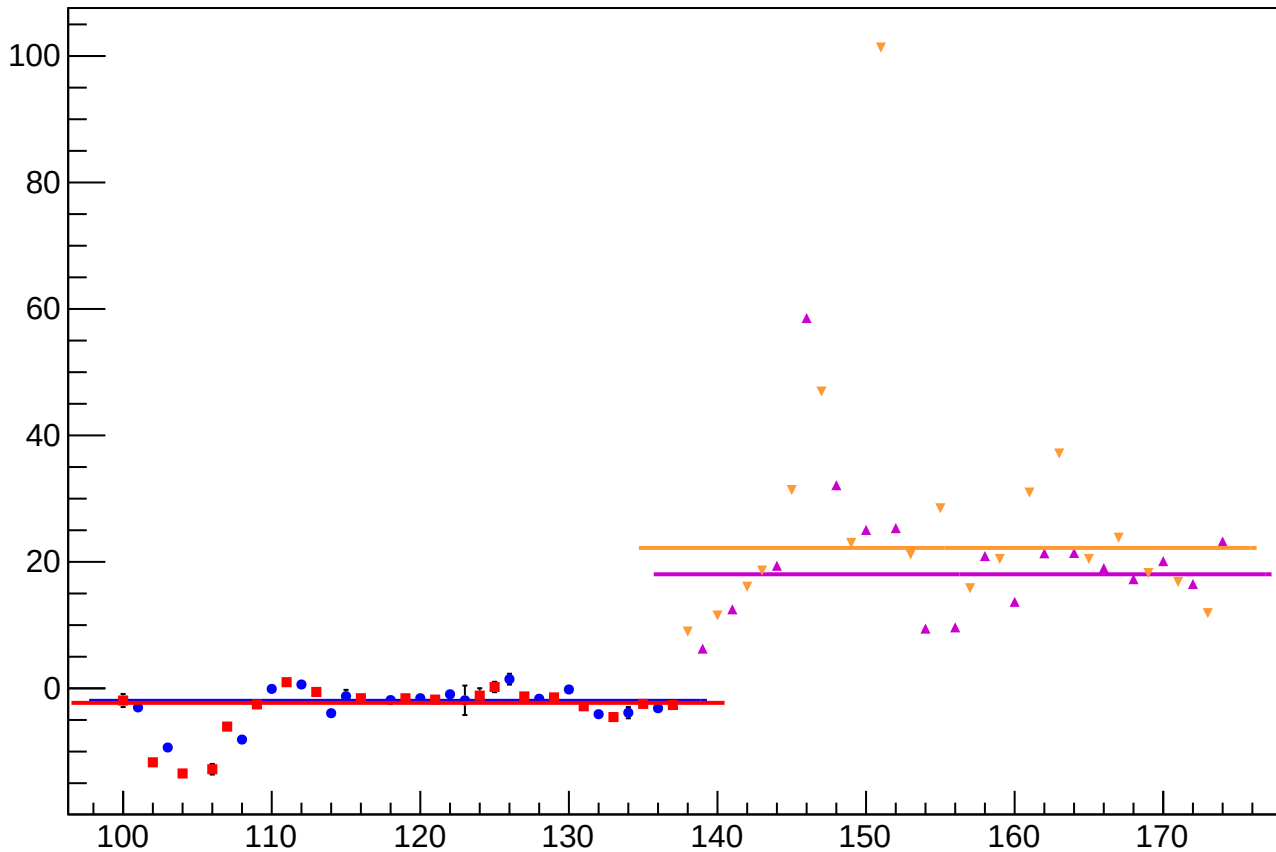
Left In: 1.501 $\pm$ 0.035 χ^2/NDF : 1951.1/17

+ sign 1.763 $\pm$ 0.033 χ^2/NDF : 3010.9/35

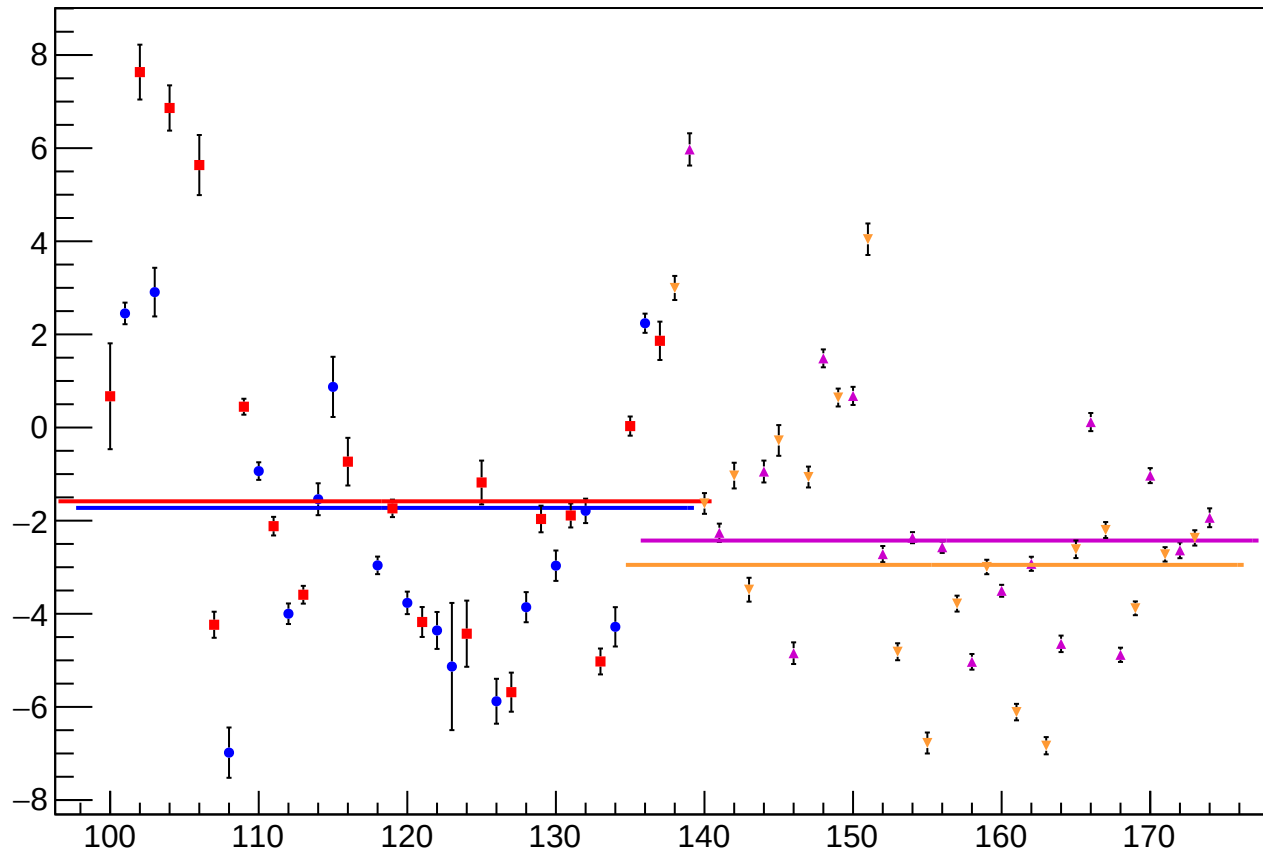
All: 1.559 $\pm$ 0.022 χ^2/NDF : 6019.7/72

- sign 1.390 $\pm$ 0.030 χ^2/NDF : 2939.5/36

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 $\chi^2/\text{NDF}: 1341.5/16$

Left Out: -2.950 ± 0.045 $\chi^2/\text{NDF}: 2782.8/18$

Right Out: -1.584 ± 0.065 $\chi^2/\text{NDF}: 1492.8/18$

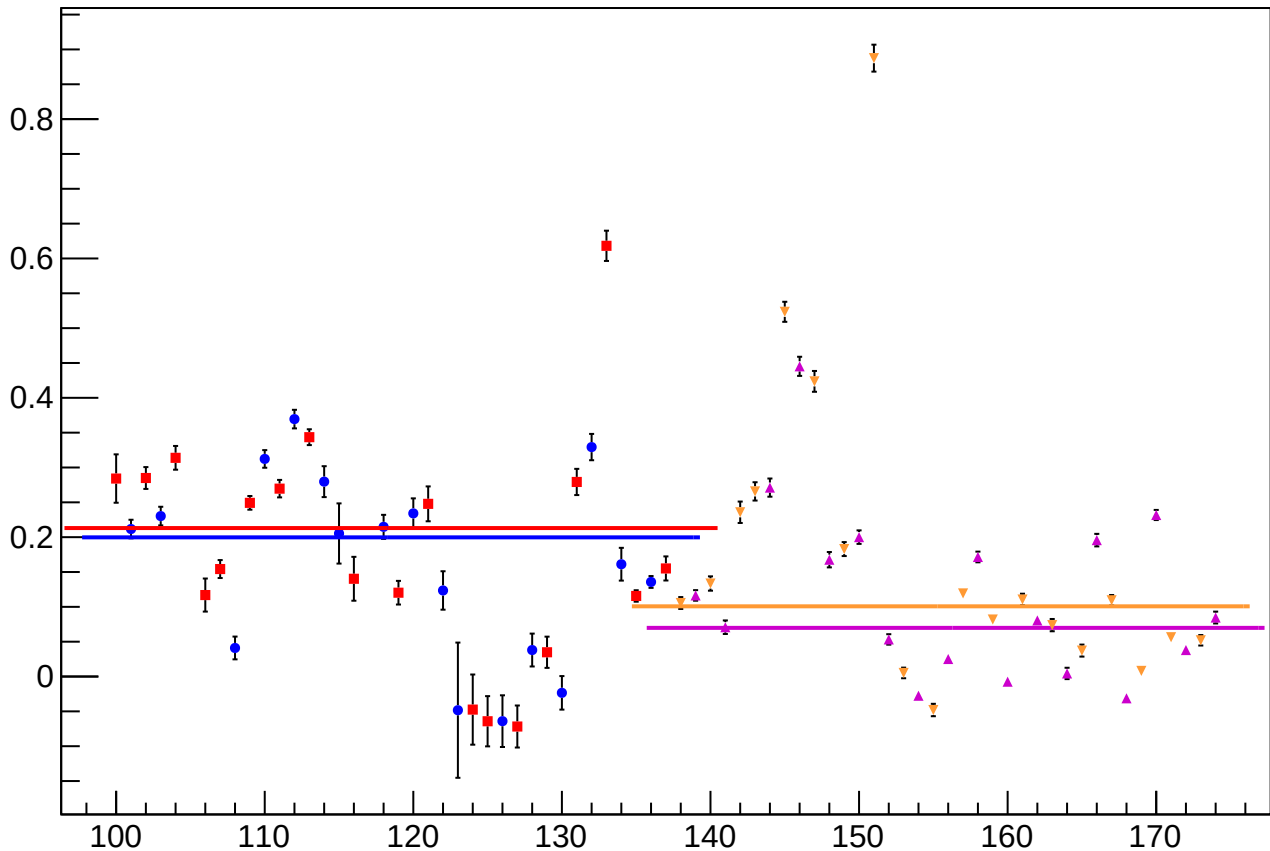
Left In: -2.427 ± 0.040 $\chi^2/\text{NDF}: 2399.0/17$

+ sign -2.596 ± 0.038 $\chi^2/\text{NDF}: 4341.7/35$

All: -2.378 ± 0.025 $\chi^2/\text{NDF}: 8415.6/72$

- sign -2.200 ± 0.034 $\chi^2/\text{NDF}: 4013.1/36$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 ± 0.004 χ^2/NDF : 662.5/16

Left Out: 0.101 ± 0.002 χ^2/NDF : 4092.1/18

Right Out: 0.213 ± 0.004 χ^2/NDF : 1050.9/18

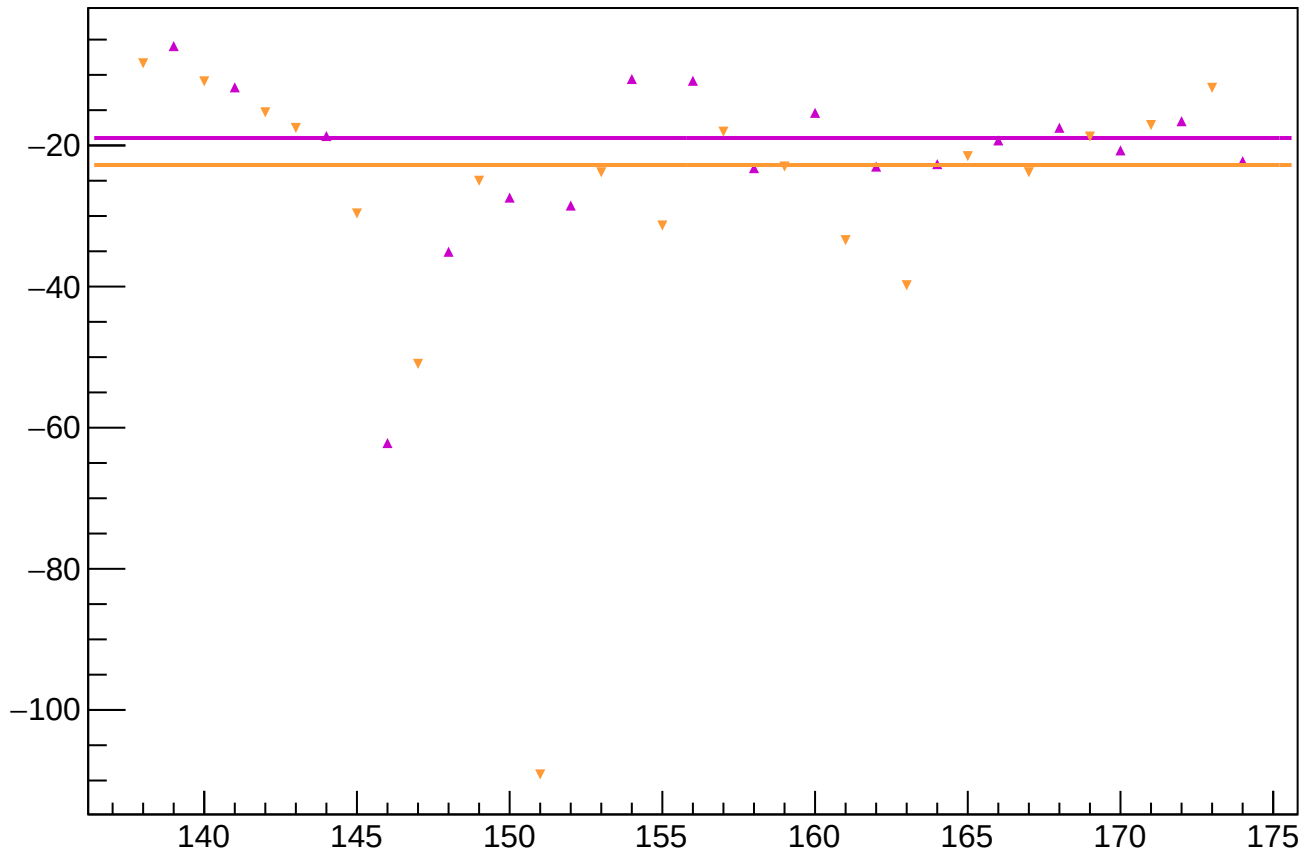
Left In: 0.070 ± 0.002 χ^2/NDF : 3184.8/17

+ sign 0.120 ± 0.002 χ^2/NDF : 5223.2/35

All: 0.106 ± 0.001 χ^2/NDF : 10804.4/72

- sign 0.096 ± 0.002 χ^2/NDF : 5480.4/36

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -22.772+/-0.053 χ^2/NDF : 62401.0/18

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

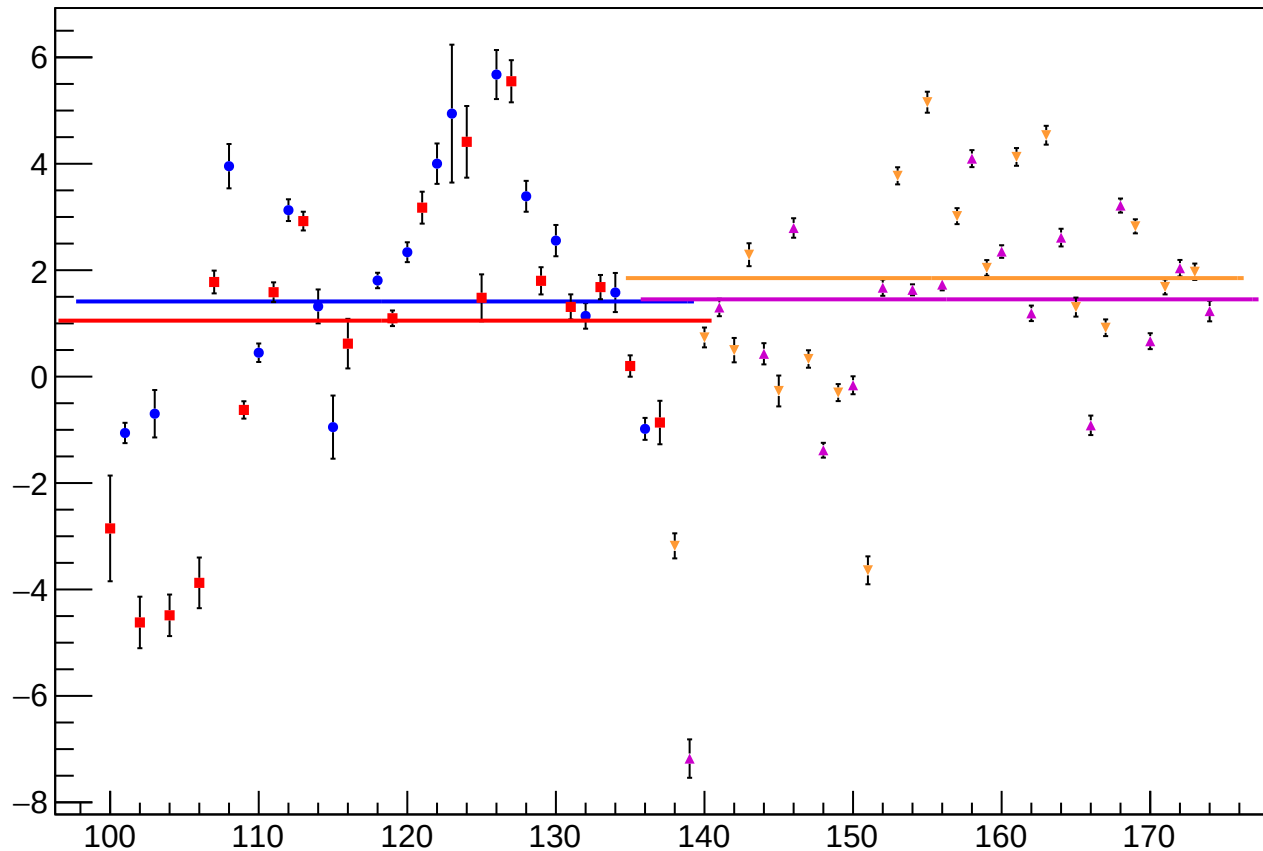
Left In: -18.944+/-0.048 χ^2/NDF : 38357.0/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.637+/-0.036 χ^2/NDF : 103620.2/36

- 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 $\pm$ 0.061 χ^2/NDF : 713.9/16

Left Out: 1.851 $\pm$ 0.040 χ^2/NDF :2292.2/18

Right Out: 1.052 $\pm$ 0.058 χ^2/NDF : 963.3/18

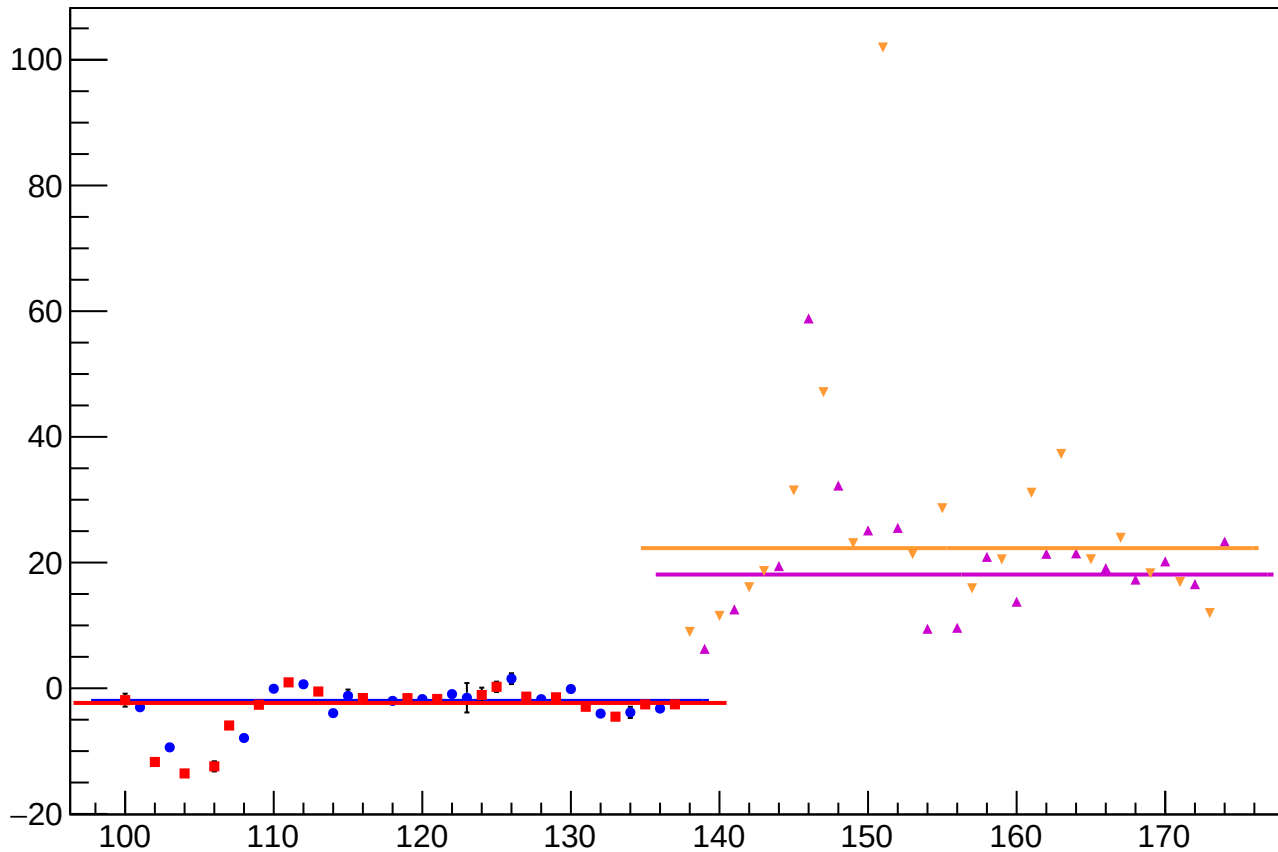
Left In: 1.452 $\pm$ 0.035 χ^2/NDF :1941.0/17

+ sign 1.721 $\pm$ 0.033 χ^2/NDF : 3042.4/35

All: 1.514 $\pm$ 0.022 χ^2/NDF : 6051.7/72

- sign 1.344 $\pm$ 0.030 χ^2/NDF : 2939.0/36

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 22.297 ± 0.053 χ^2/NDF : 55621.4/18

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

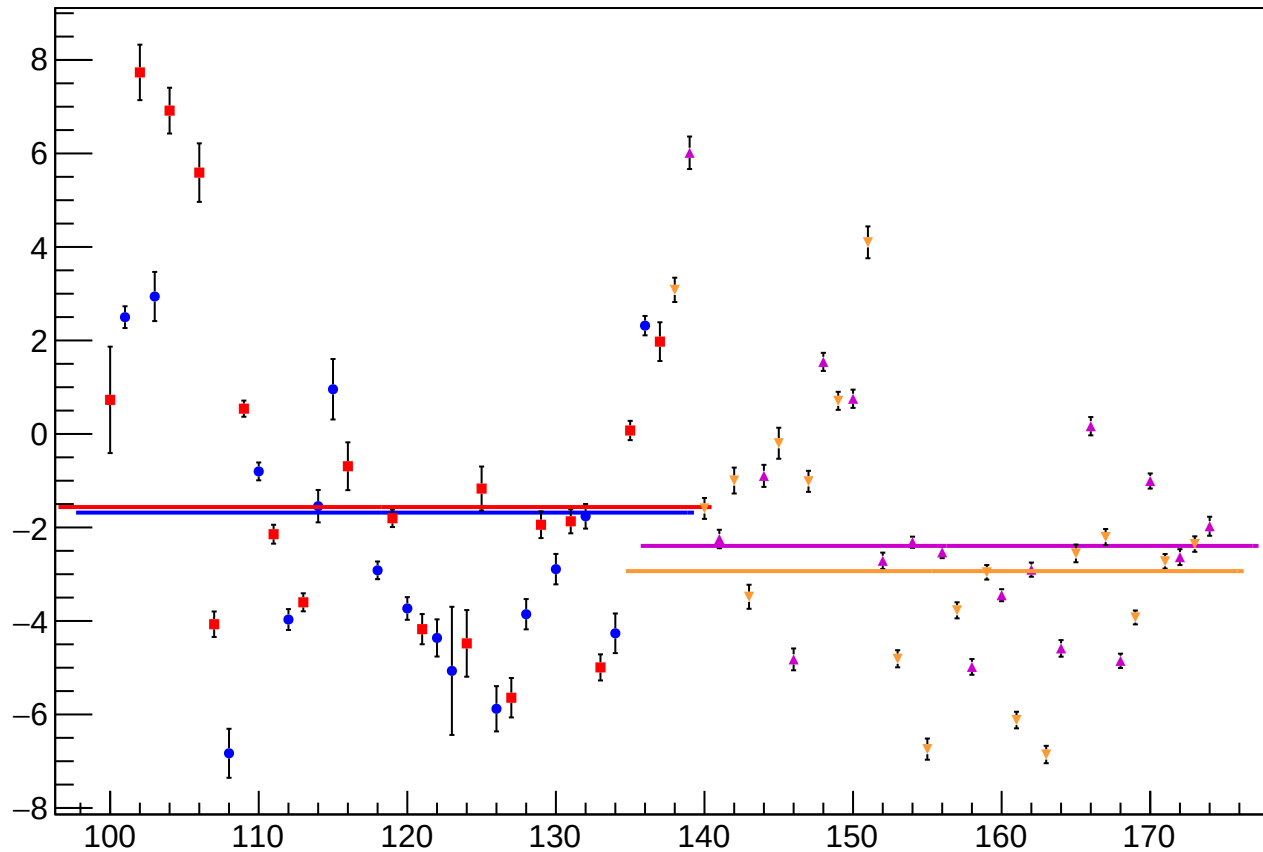
Left In: 18.095 ± 0.047 χ^2/NDF : 36446.4/17

+ sign 17.771 ± 0.048 χ^2/NDF : 95361.4/35

All: 15.869 ± 0.032 χ^2/NDF : 170456.5/72

- sign 14.388 ± 0.042 χ^2/NDF : 72273.2/36

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.933 ± 0.045 χ^2/NDF : 2811.1/18

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

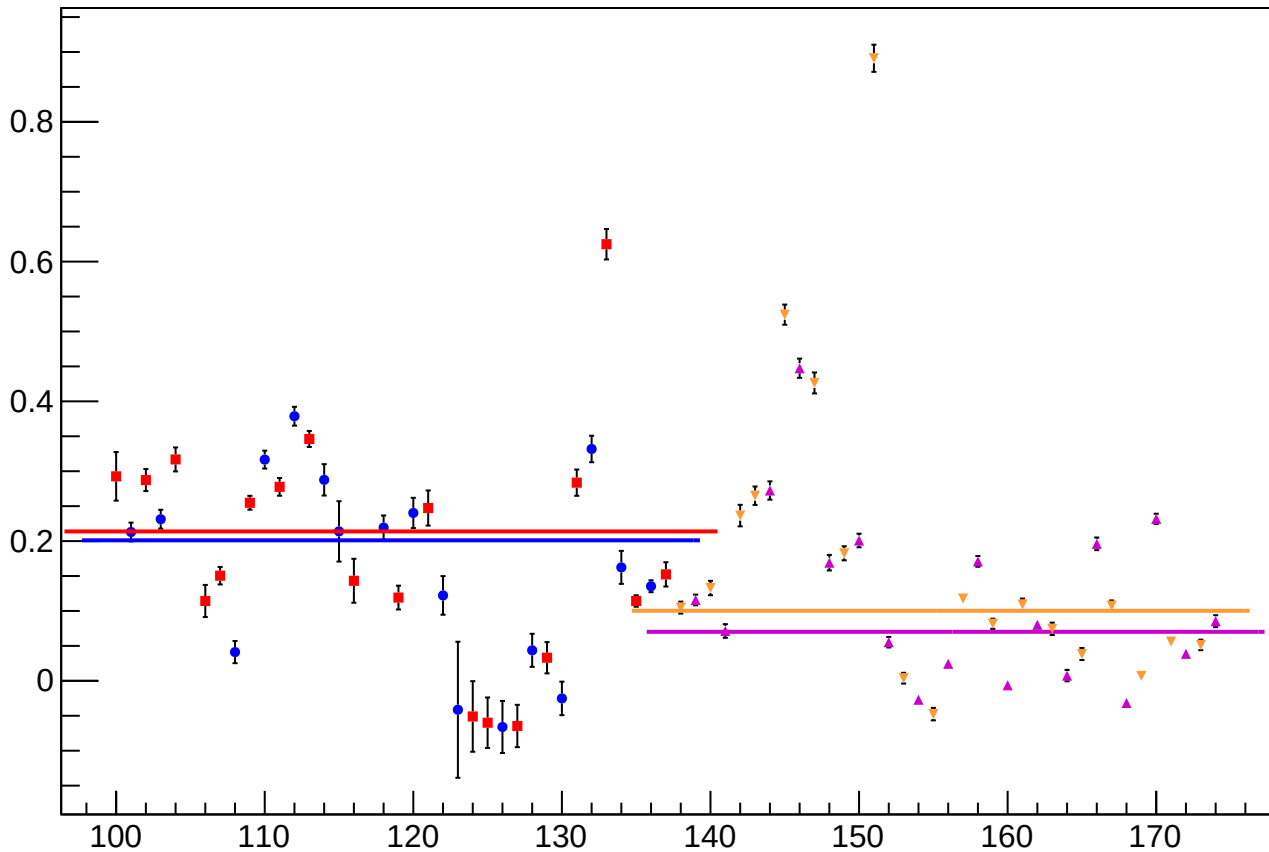
Left In: -2.394 ± 0.040 χ^2/NDF : 2387.2/17

+ sign -2.572 ± 0.038 χ^2/NDF : 4384.1/35

All: -2.350 ± 0.025 χ^2/NDF : 8455.3/72

- sign -2.170 ± 0.034 χ^2/NDF : 4009.0/36

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.100 ± 0.002 χ^2/NDF : 4079.6/18

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

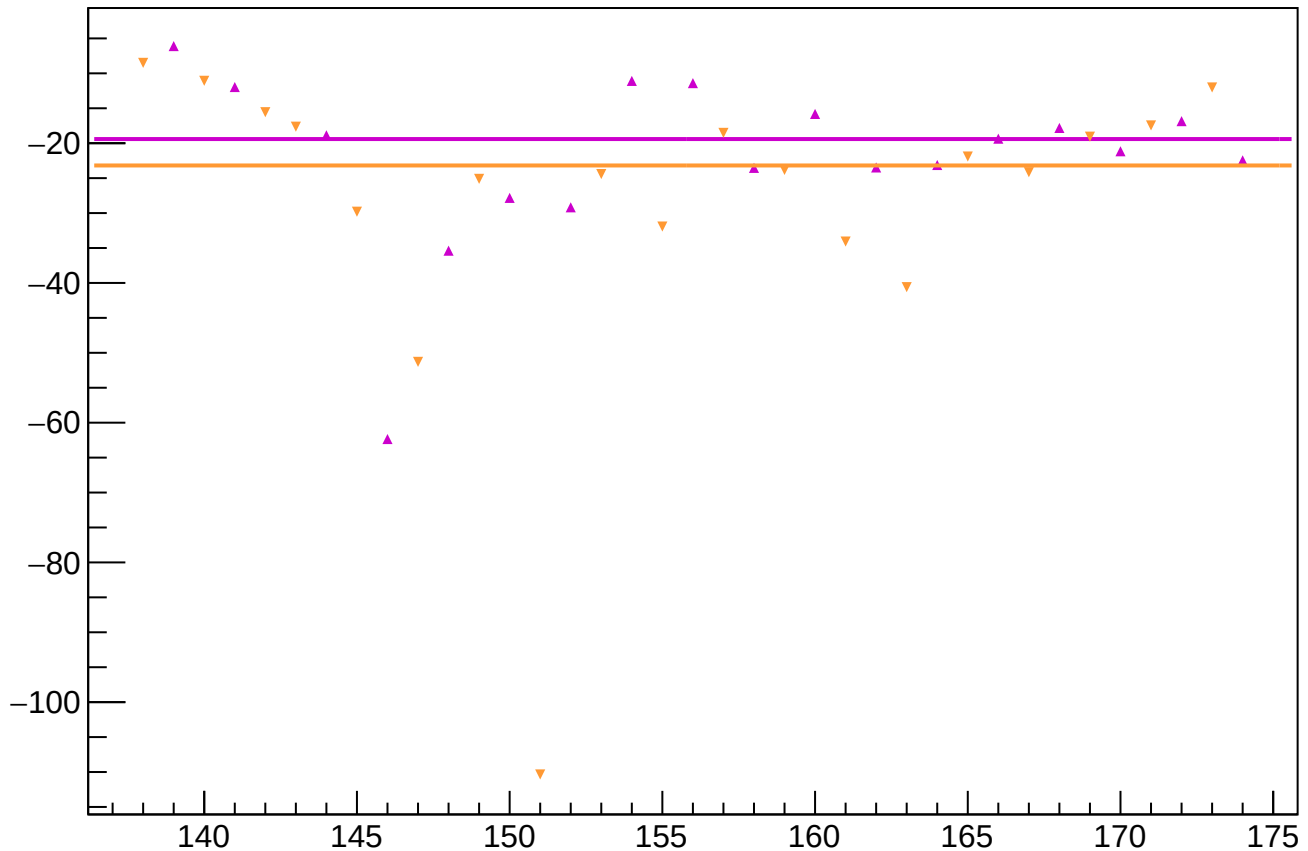
Left In: 0.070 ± 0.002 χ^2/NDF : 3163.2/17

+ sign 0.120 ± 0.002 χ^2/NDF : 5253.3/35

All: 0.106 ± 0.001 χ^2/NDF : 10841.6/72

- sign 0.096 ± 0.002 χ^2/NDF : 5493.1/36

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.186+/-0.054 χ^2/NDF : 62257.2/18

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

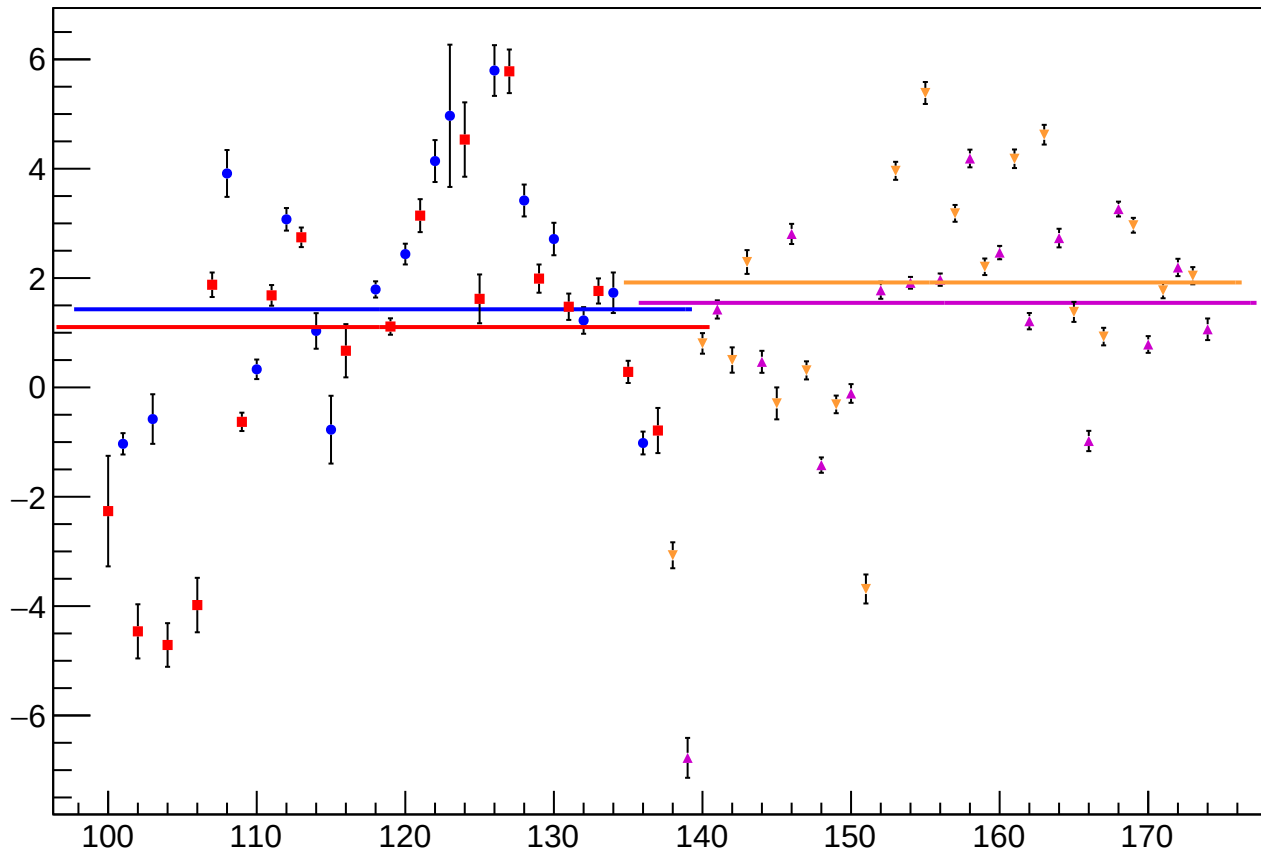
Left In: -19.405+/-0.049 χ^2/NDF : 37219.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.084+/-0.036 χ^2/NDF : 102152.1/36

- 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 $\pm$ 0.062 χ^2/NDF : 711.4/16

Left Out: 1.919 $\pm$ 0.040 χ^2/NDF : 2338.1/18

Right Out: 1.104 $\pm$ 0.059 χ^2/NDF : 936.5/18

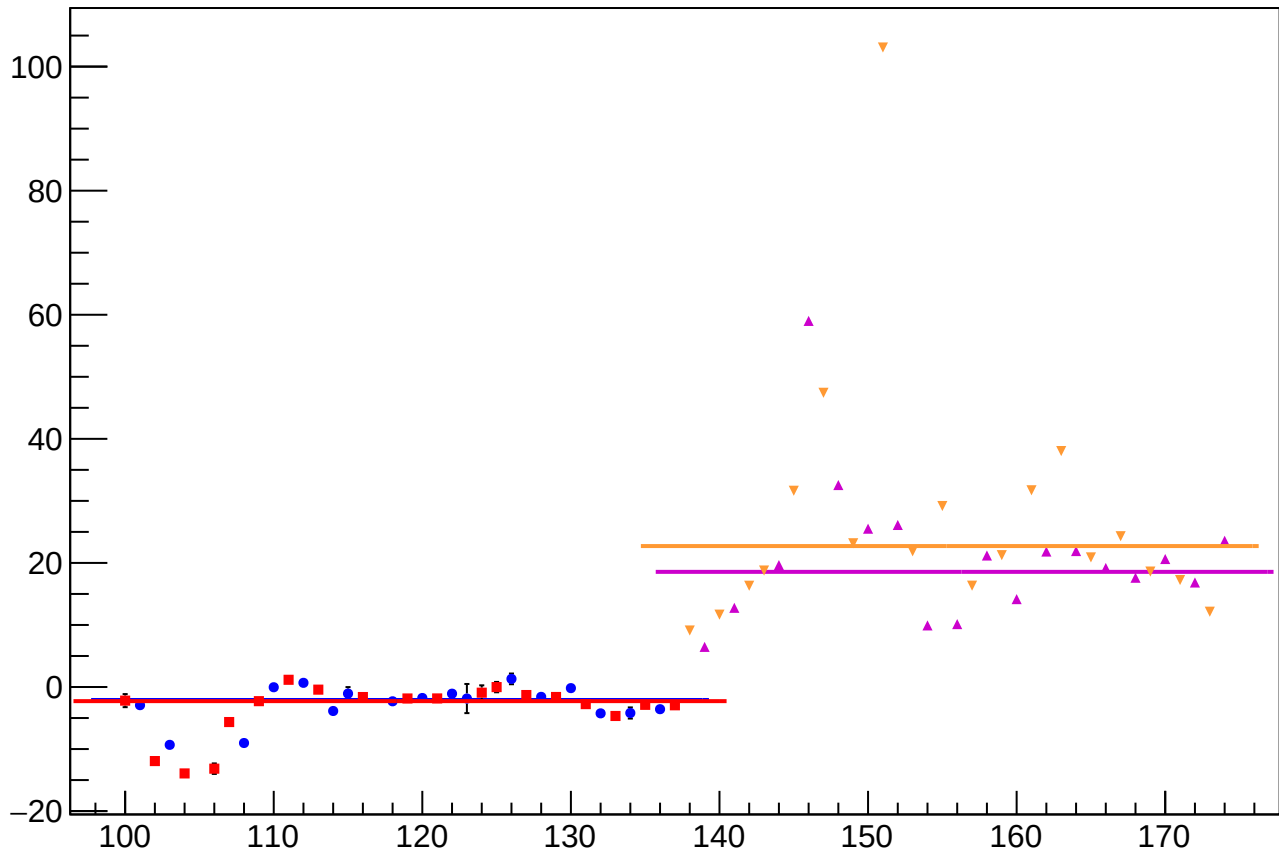
Left In: 1.547 $\pm$ 0.036 χ^2/NDF : 1931.3/17

+ sign 1.773 $\pm$ 0.034 χ^2/NDF : 3093.3/35

All: 1.584 $\pm$ 0.023 χ^2/NDF : 6059.0/72

- sign 1.426 $\pm$ 0.031 χ^2/NDF : 2908.5/36

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 22.717 ± 0.054 χ^2/NDF : 55368.0/18

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

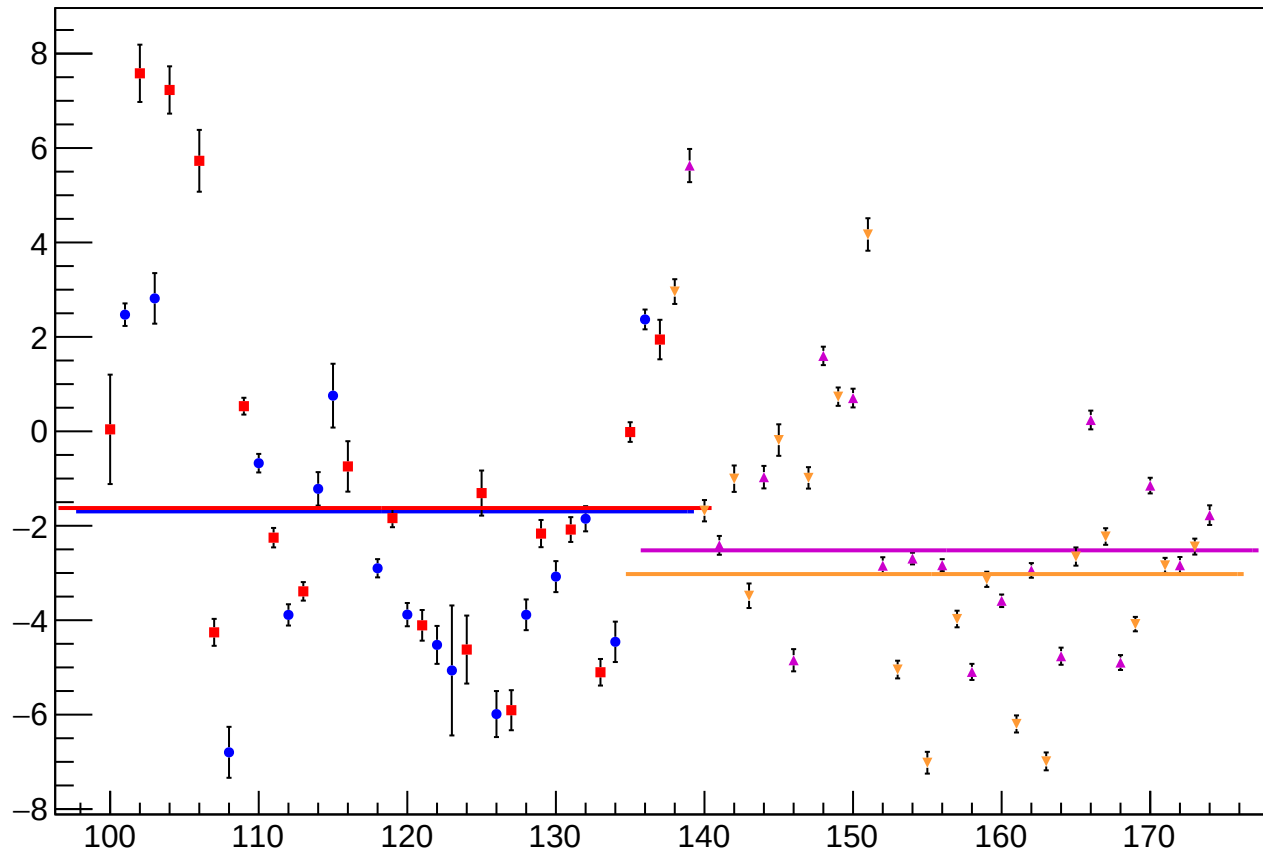
Left In: 18.560 ± 0.048 χ^2/NDF : 35151.7/17

+ sign 18.080 ± 0.049 χ^2/NDF : 95340.0/35

All: 16.220 ± 0.032 χ^2/NDF : 168814.4/72

- sign 14.760 ± 0.043 χ^2/NDF : 70868.3/36

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 $\pm$ 0.072 χ^2/NDF : 1333.3/16

Left Out: -3.023 $\pm$ 0.046 χ^2/NDF : 2853.9/18

Right Out: -1.624 $\pm$ 0.067 χ^2/NDF : 1467.3/18

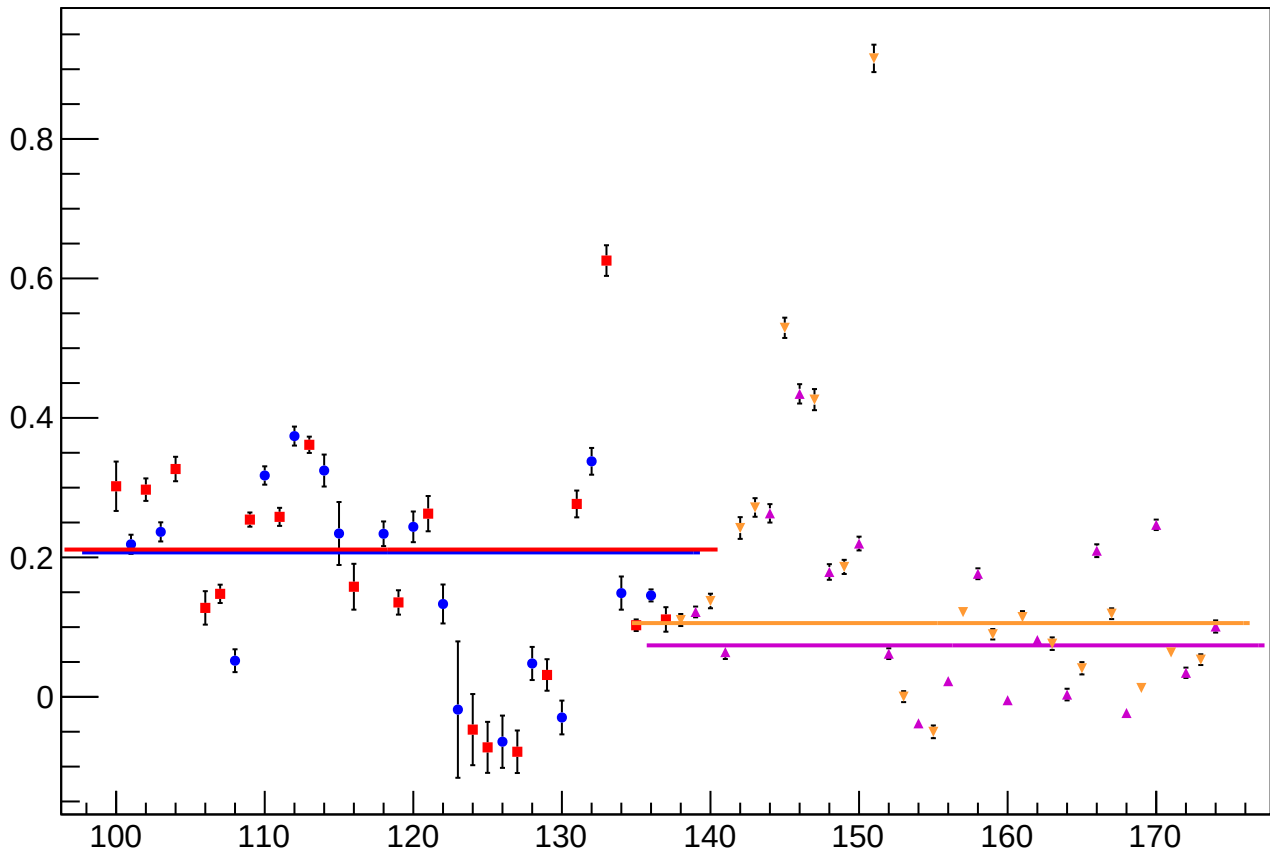
Left In: -2.520 $\pm$ 0.041 χ^2/NDF : 2356.4/17

+ sign -2.638 $\pm$ 0.039 χ^2/NDF : 4431.6/35

All: -2.440 $\pm$ 0.026 χ^2/NDF : 8433.8/72

- sign -2.277 $\pm$ 0.035 χ^2/NDF : 3954.1/36

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 $\pm$ 0.004 χ^2/NDF : 656.3/16

Left Out: 0.106 $\pm$ 0.002 χ^2/NDF : 4109.6/18

Right Out: 0.211 $\pm$ 0.004 χ^2/NDF : 1145.7/18

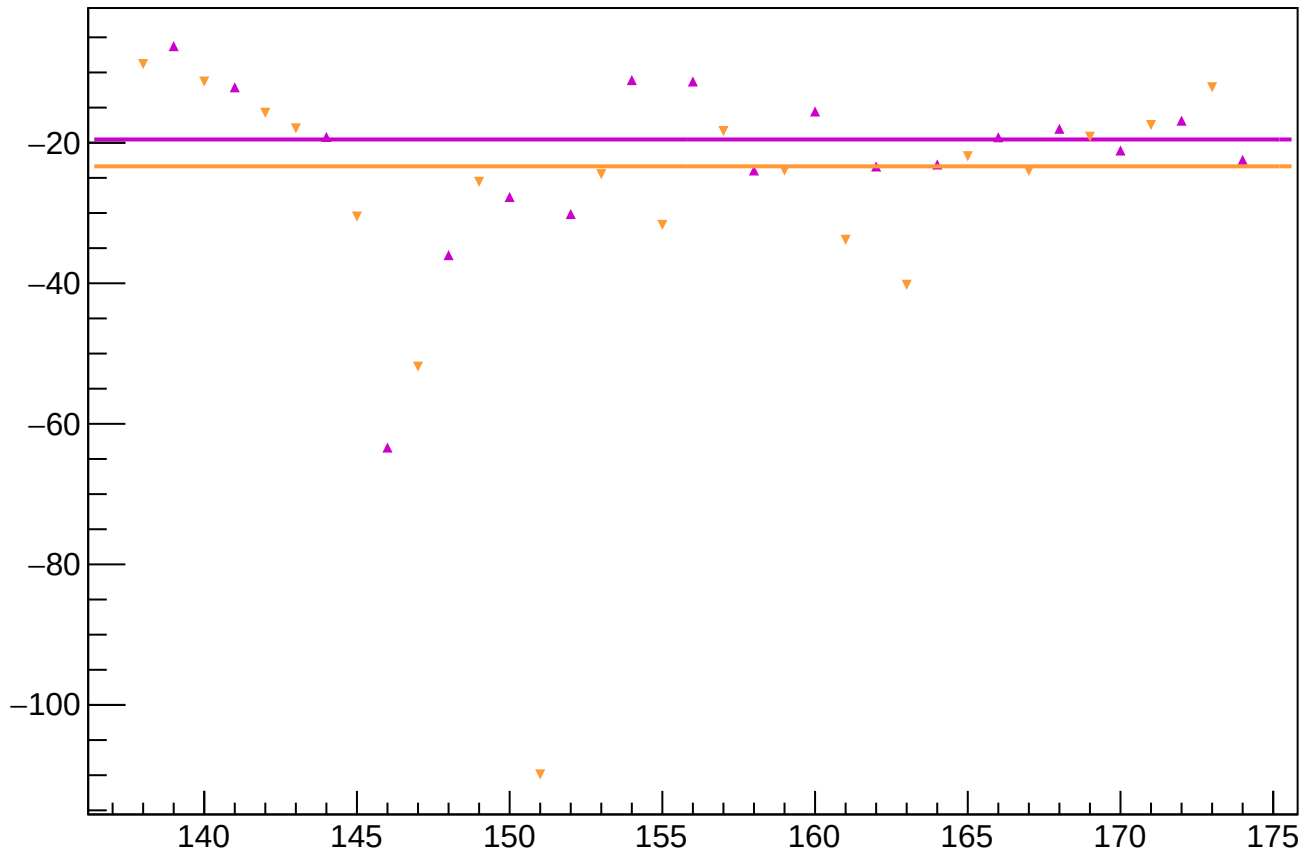
Left In: 0.074 $\pm$ 0.002 χ^2/NDF : 3259.9/17

+ sign 0.125 $\pm$ 0.002 χ^2/NDF : 5236.2/35

All: 0.110 $\pm$ 0.001 χ^2/NDF : 10850.6/72

- sign 0.099 $\pm$ 0.002 χ^2/NDF : 5498.6/36

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -23.360 $\pm$ 0.055 χ^2/NDF : 61031.4/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

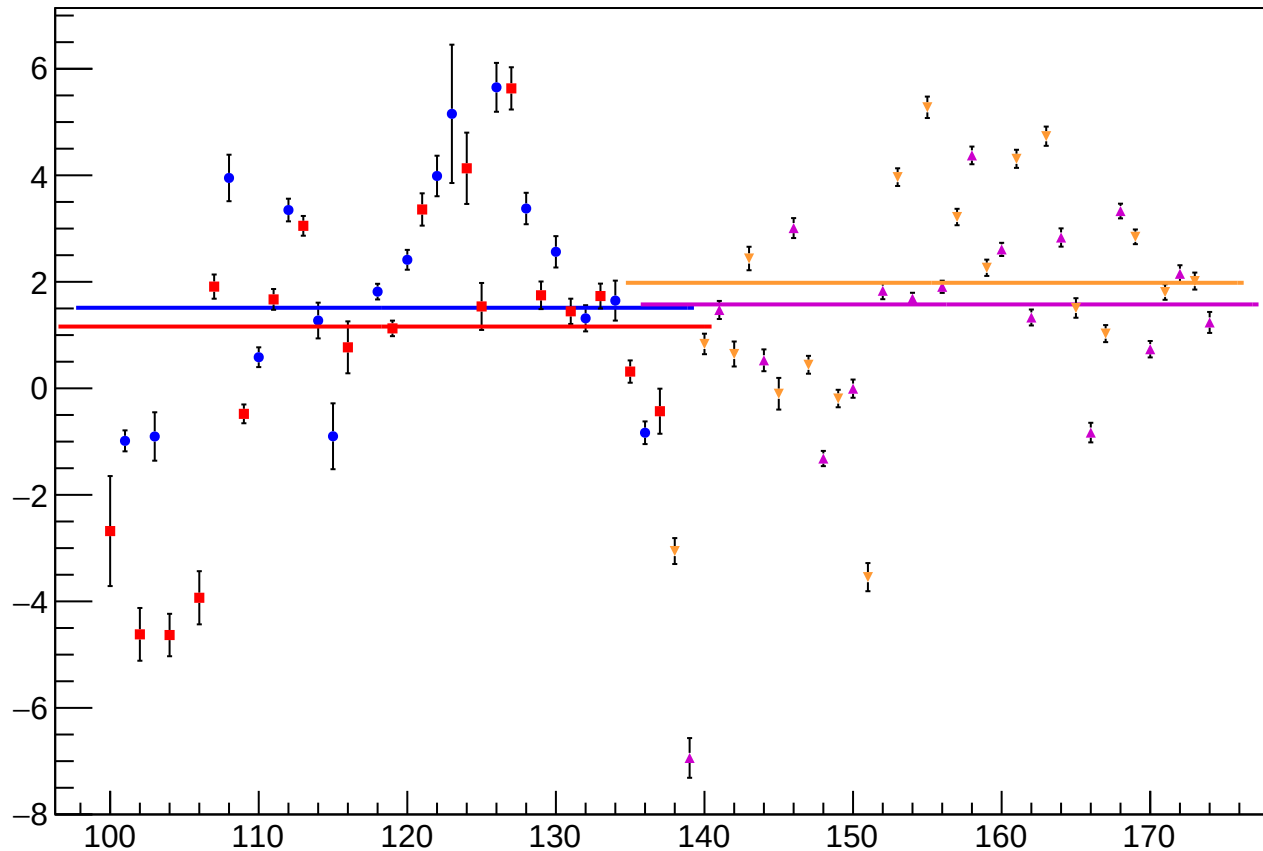
Left In: -19.535 $\pm$ 0.049 χ^2/NDF : 37445.9/17

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -21.238 $\pm$ 0.037 χ^2/NDF : 101155.1/36

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 $\pm$ 0.063 χ^2/NDF : 669.7/16

Left Out: 1.982 $\pm$ 0.041 χ^2/NDF : 2226.5/18

Right Out: 1.160 $\pm$ 0.060 χ^2/NDF : 917.0/18

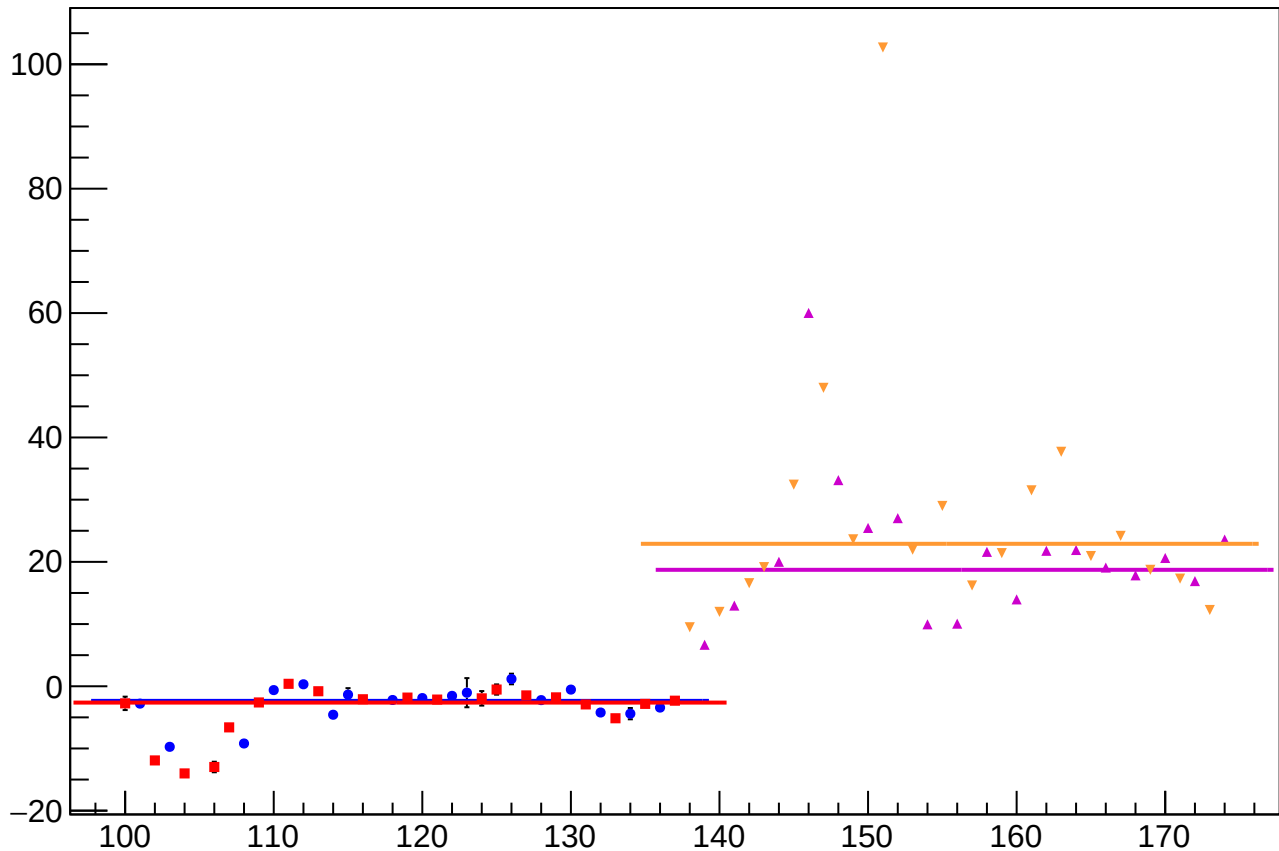
Left In: 1.576 $\pm$ 0.037 χ^2/NDF : 1901.5/17

+ sign 1.842 $\pm$ 0.034 χ^2/NDF : 2935.6/35

All: 1.636 $\pm$ 0.023 χ^2/NDF : 5855.8/72

- sign 1.463 $\pm$ 0.031 χ^2/NDF : 2853.4/36

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 22.904 ± 0.055 χ^2/NDF : 54380.3/18

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

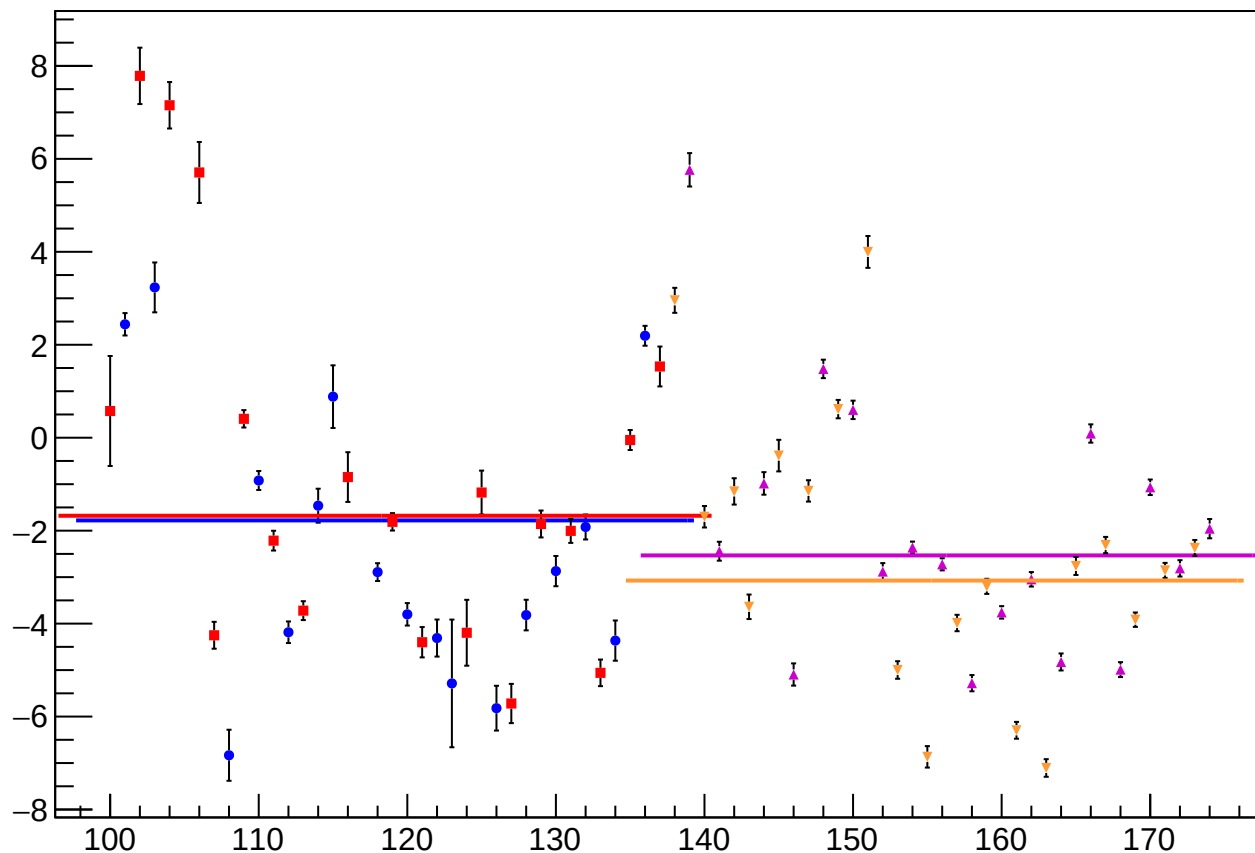
Left In: 18.723 ± 0.048 χ^2/NDF : 35398.4/17

+ sign 18.226 ± 0.049 χ^2/NDF : 94593.1/35

All: 16.362 ± 0.033 χ^2/NDF : 168481.2/72

- sign 14.888 ± 0.044 χ^2/NDF : 71318.2/36

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 $\pm$ 0.072 χ^2/NDF : 1272.1/16

Left Out: -3.073 $\pm$ 0.046 χ^2/NDF : 2734.2/18

Right Out: -1.679 $\pm$ 0.068 χ^2/NDF : 1429.6/18

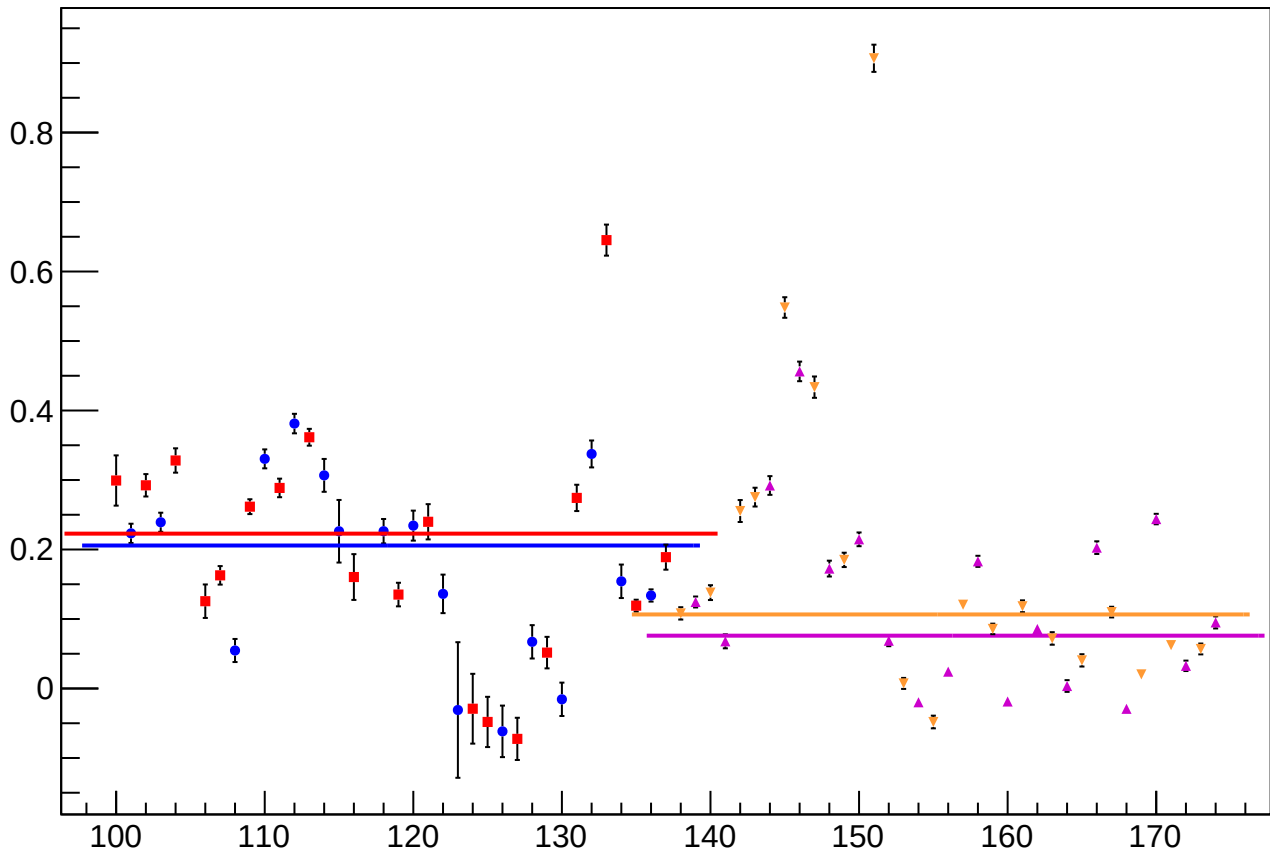
Left In: -2.533 $\pm$ 0.041 χ^2/NDF : 2352.8/17

+ sign -2.698 $\pm$ 0.039 χ^2/NDF : 4233.9/35

All: -2.481 $\pm$ 0.026 χ^2/NDF : 8188.1/72

- sign -2.302 $\pm$ 0.035 χ^2/NDF : 3897.3/36

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 $\pm$ 0.004 χ^2/NDF : 651.8/16

Left Out: 0.107 $\pm$ 0.002 χ^2/NDF : 4088.2/18

Right Out: 0.223 $\pm$ 0.004 χ^2/NDF : 1042.2/18

Left In: 0.076 $\pm$ 0.002 χ^2/NDF : 3230.6/17

+ sign 0.126 $\pm$ 0.002 χ^2/NDF : 5179.4/35

All: 0.113 $\pm$ 0.001 χ^2/NDF : 10738.9/72

- sign 0.103 $\pm$ 0.002 χ^2/NDF : 5473.6/36