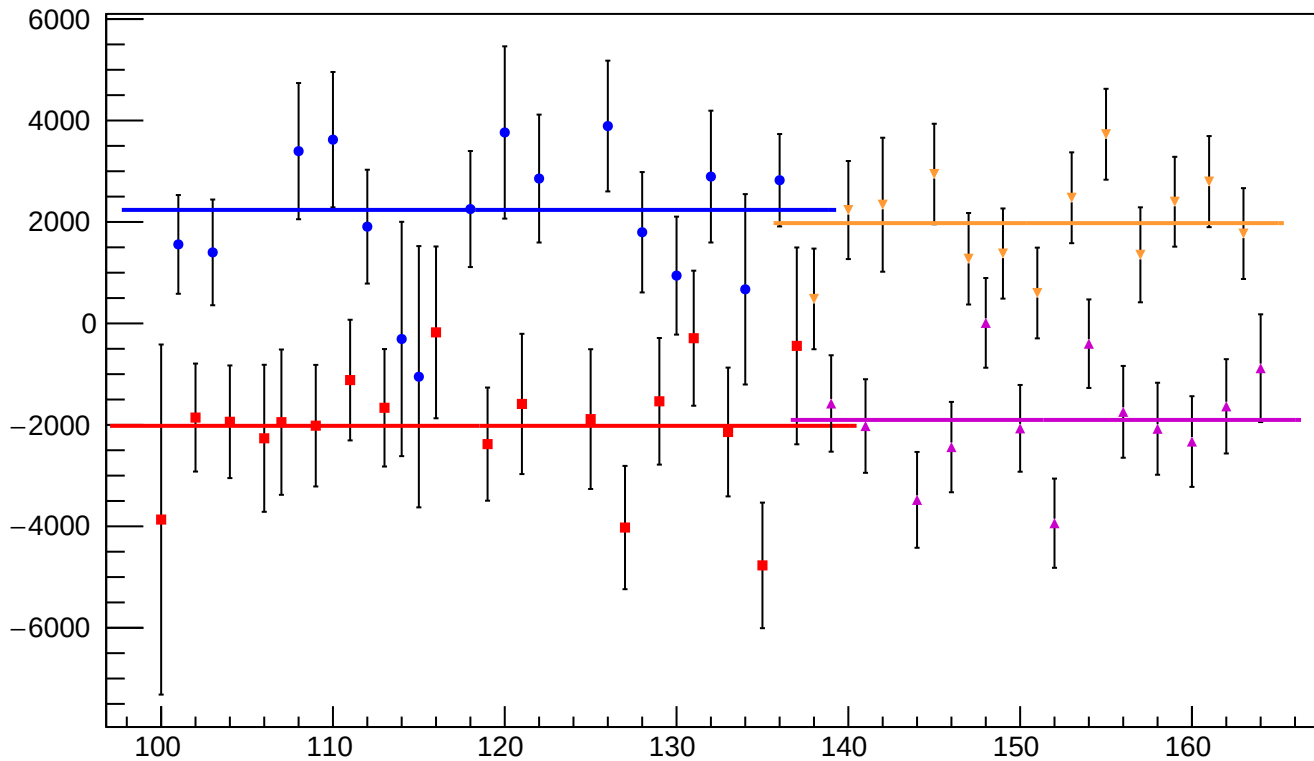


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

Left Out: 1977.094+/-259.741

χ^2/NDF : 12.5/12

Right Out: -2018.625+/-308.362

χ^2/NDF : 12.6/17

Left In: -1902.114+/-252.790

χ^2/NDF : 17.6/12

+ sign 2082.806+/-200.307

χ^2/NDF : 24.2/28

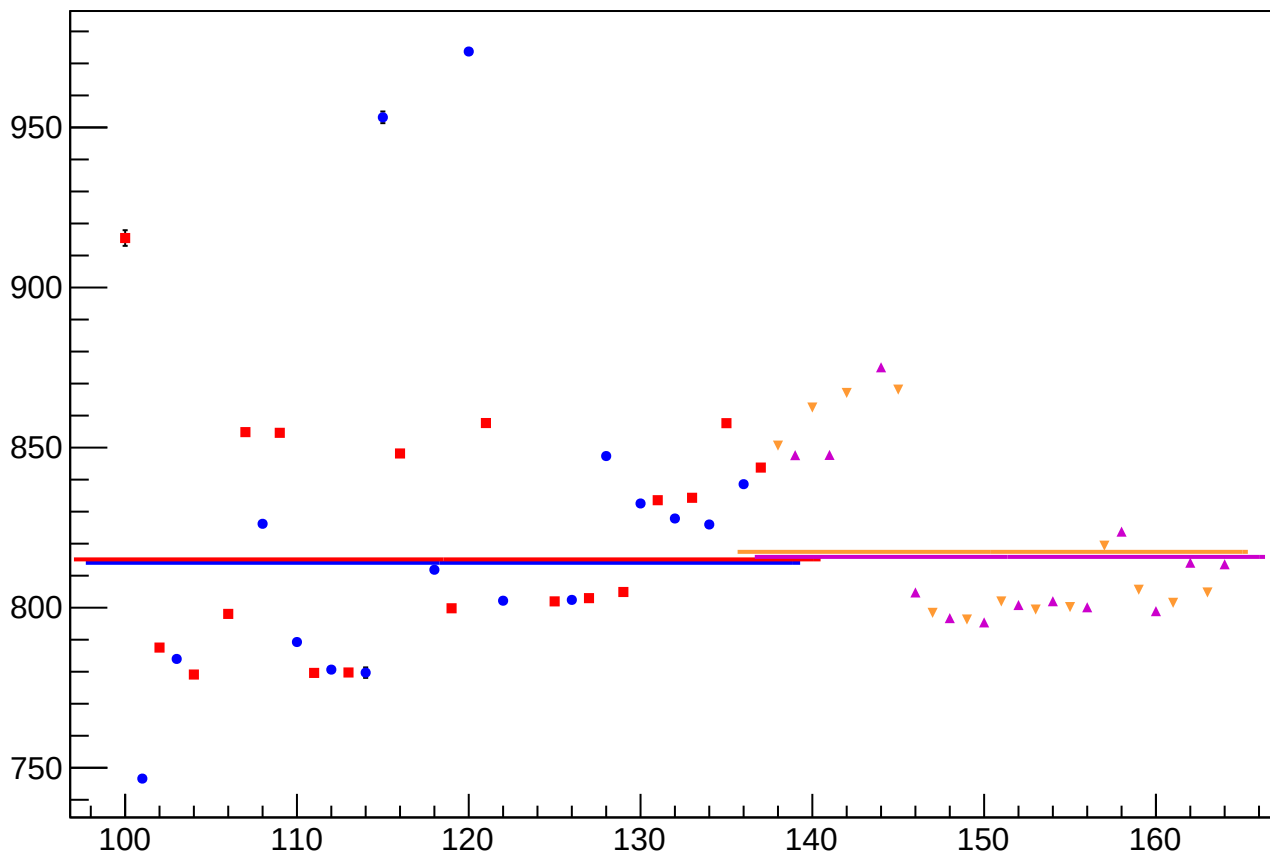
All: 17.926+/-139.906

χ^2/NDF : 262.0/59

- sign -1948.943+/-195.495

χ^2/NDF : 30.3/30

dit_asym_us_avg_rms vs Slug



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

Left Out: 817.444 $\pm$ 0.184 χ^2 /NDF: 20215.3/12

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

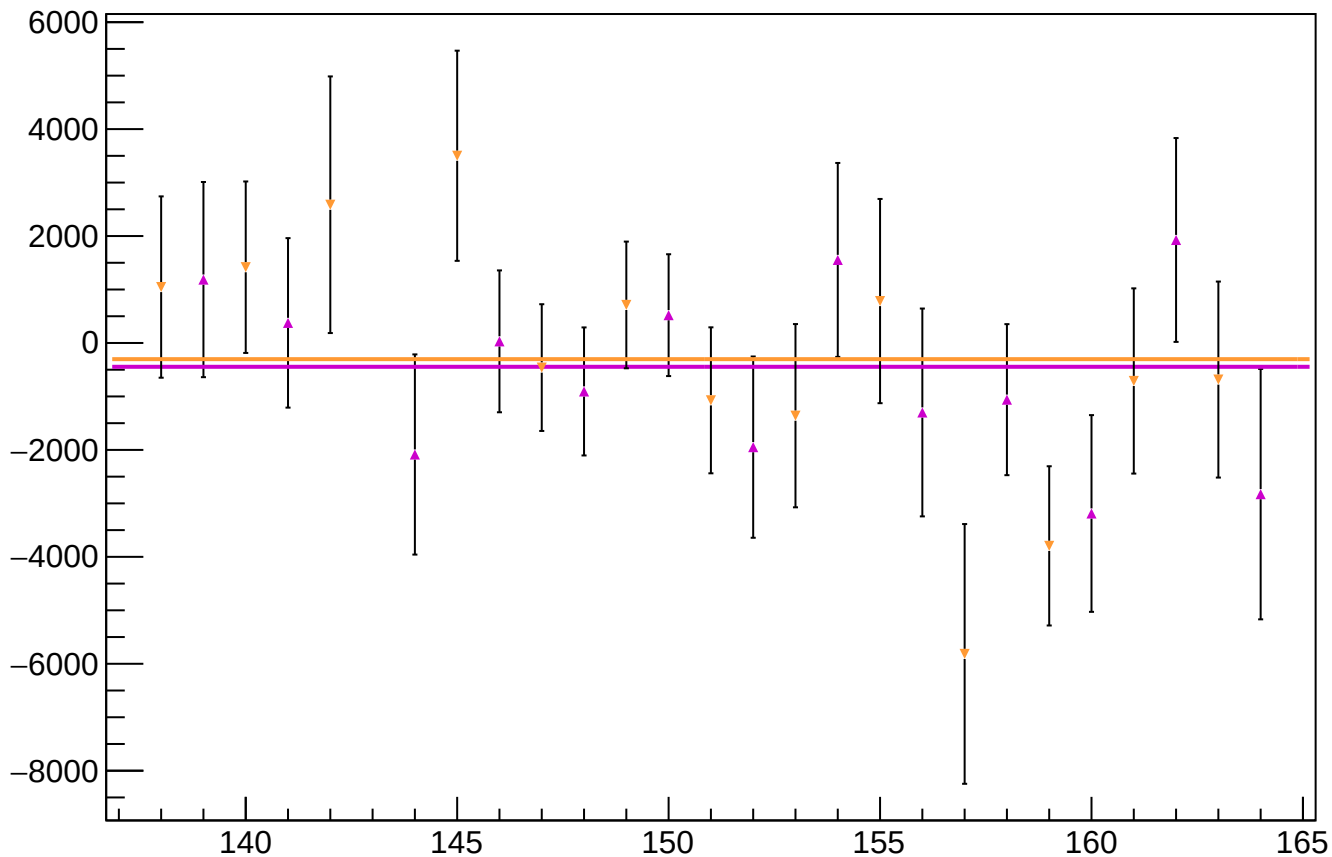
Left In: 815.864 $\pm$ 0.179 χ^2 /NDF: 17452.6/12

+ sign 816.057 $\pm$ 0.142 χ^2 /NDF: 62397.7/28

All: 815.798 $\pm$ 0.099 χ^2 /NDF: 99823.7/59

- sign 815.551 $\pm$ 0.138 χ^2 /NDF: 37419.5/30

asym_us_avg_correction_mean vs Slug



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

Left Out: -302.560+/-447.384 χ^2/NDF :19.5/12

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

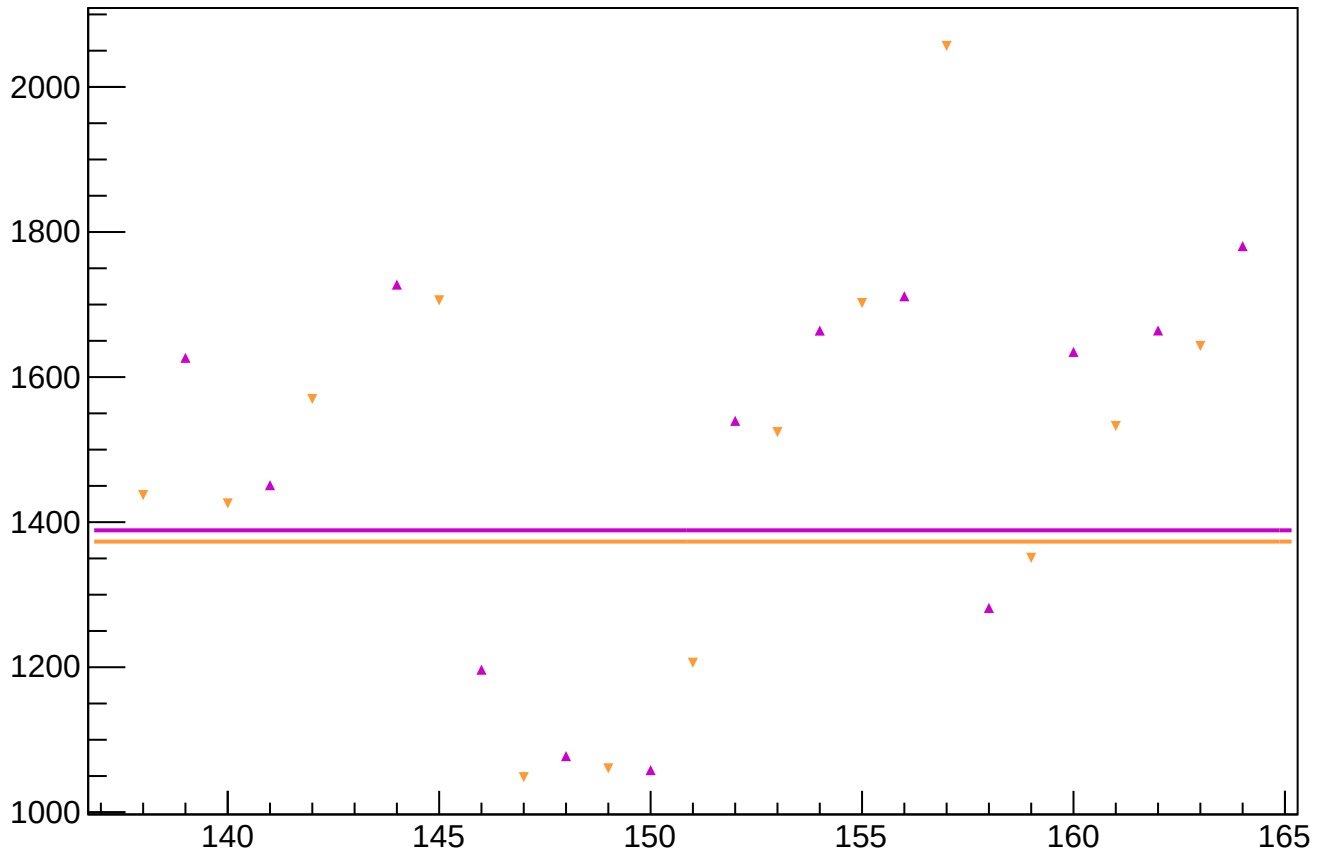
Left In: -445.470+/-438.921 χ^2/NDF :10.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.380+/-313.313 χ^2/NDF : 29.6/25

- 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: 1373.236+/-0.316 χ^2/NDF : 688904.0/12

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

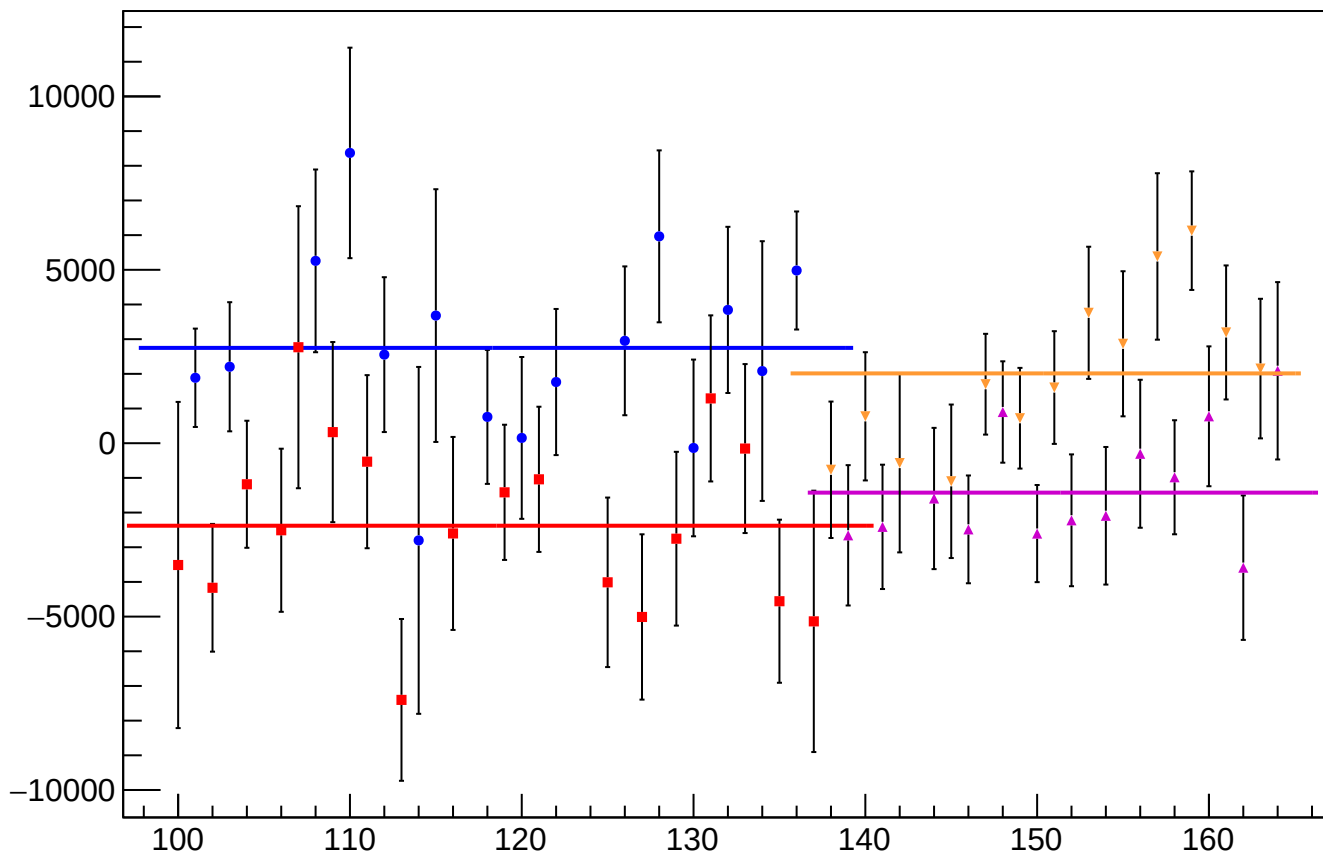
Left In: 1388.735+/-0.310 χ^2/NDF : 710158.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.134+/-0.222 χ^2/NDF : 1400285.8/25

- 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: 2012.919 $\pm$ 515.244 χ^2 /NDF: 15.5/12

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

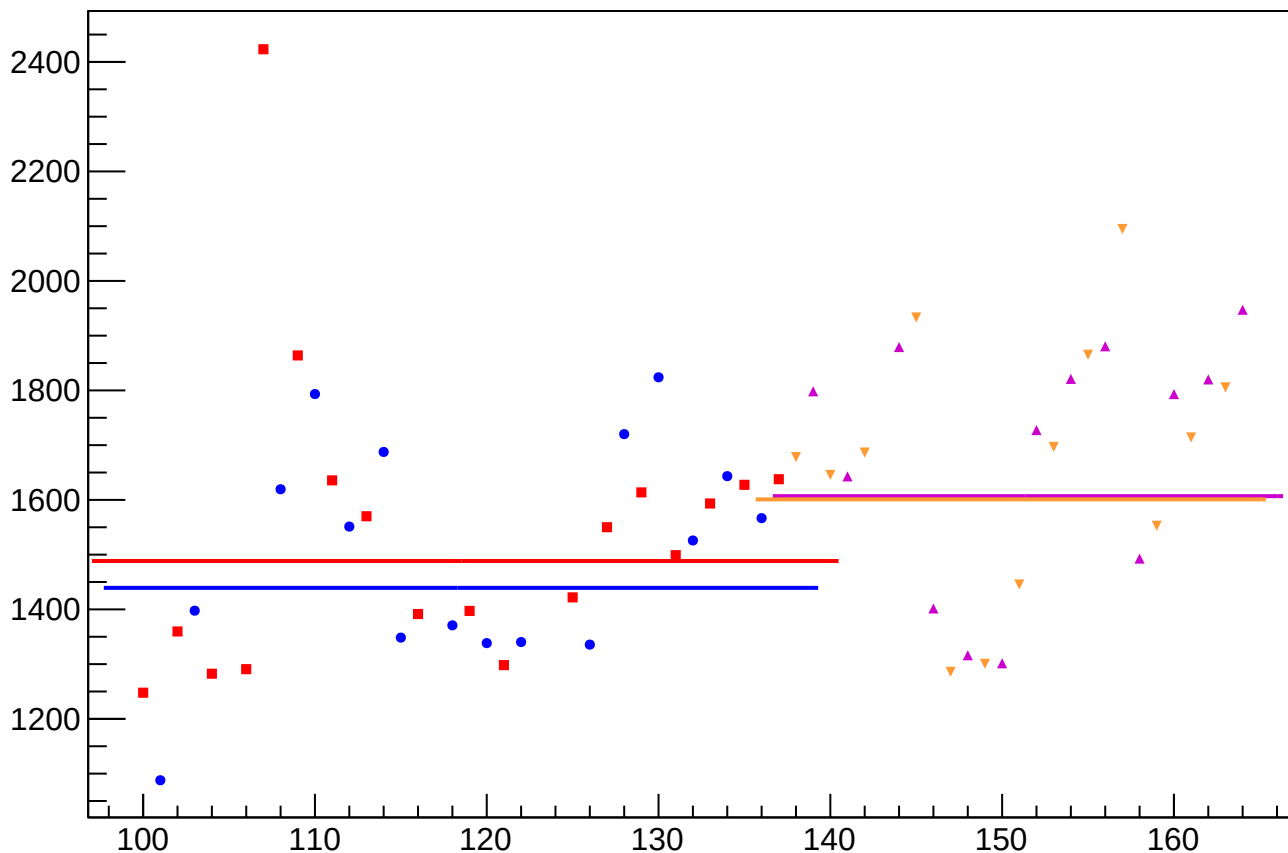
Left In: -1425.443 $\pm$ 503.917 χ^2 /NDF: 9.2/12

+ sign 2348.357 $\pm$ 380.079 χ^2 /NDF: 30.0/28

All: 236.022 $\pm$ 267.745 χ^2 /NDF: 118.3/59

- sign -1844.816 $\pm$ 377.235 χ^2 /NDF: 27.0/30

asym_us_avg_rms vs Slug



Right In: 1439.332 $\pm$ 0.398 χ^2 /NDF: 277860.8/15

Left Out: 1600.959 $\pm$ 0.364 χ^2 /NDF: 400231.1/12

Right Out: 1488.384 $\pm$ 0.402 χ^2 /NDF: 256324.7/17

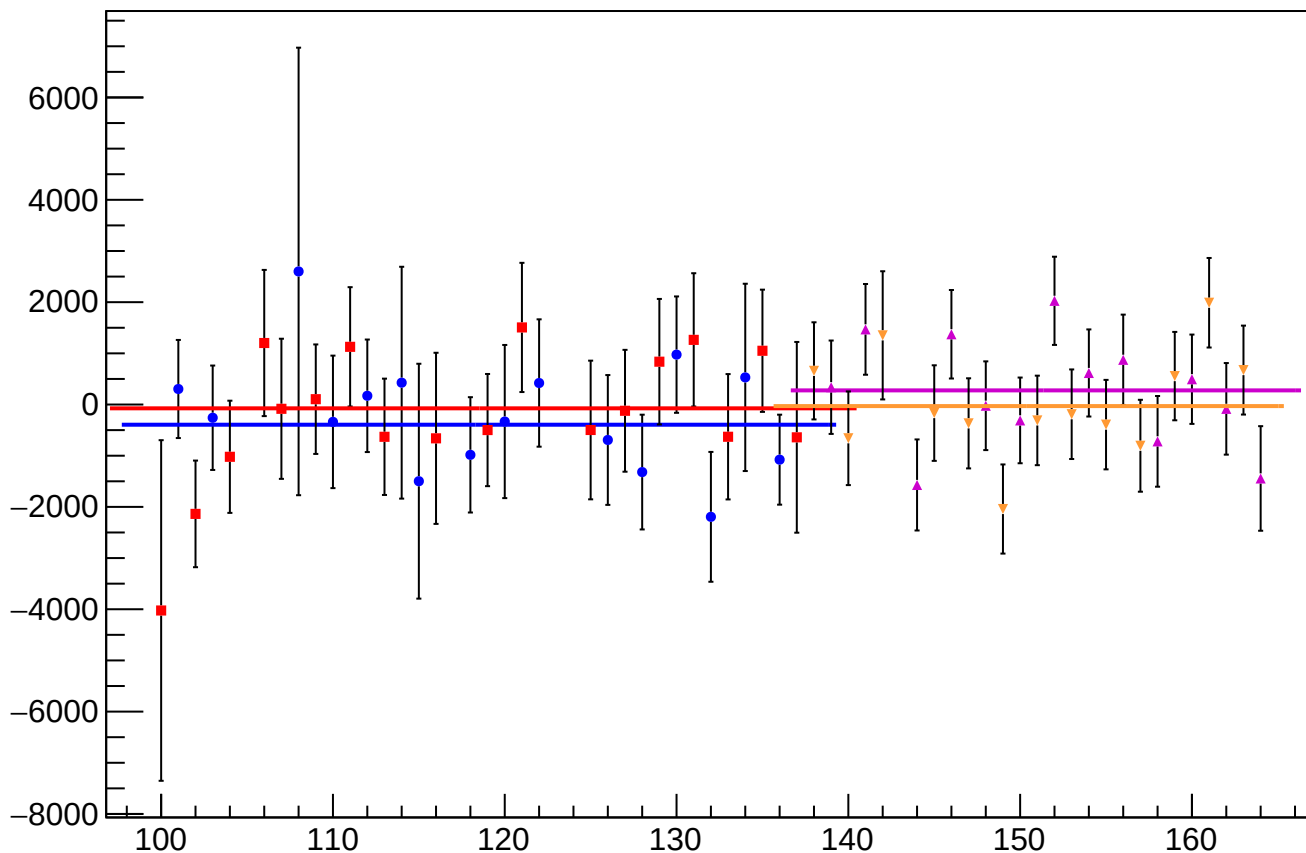
Left In: 1606.831 $\pm$ 0.356 χ^2 /NDF: 410935.1/12

+ sign 1527.282 $\pm$ 0.269 χ^2 /NDF: 767803.8/28

All: 1541.125 $\pm$ 0.189 χ^2 /NDF: 1488905.0/59

- sign 1554.762 $\pm$ 0.267 χ^2 /NDF: 715834.3/30

dit_asym_us_dd_mean vs Slug



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

Left Out: -30.468 ± 251.318 χ^2/NDF : 15.2/12

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

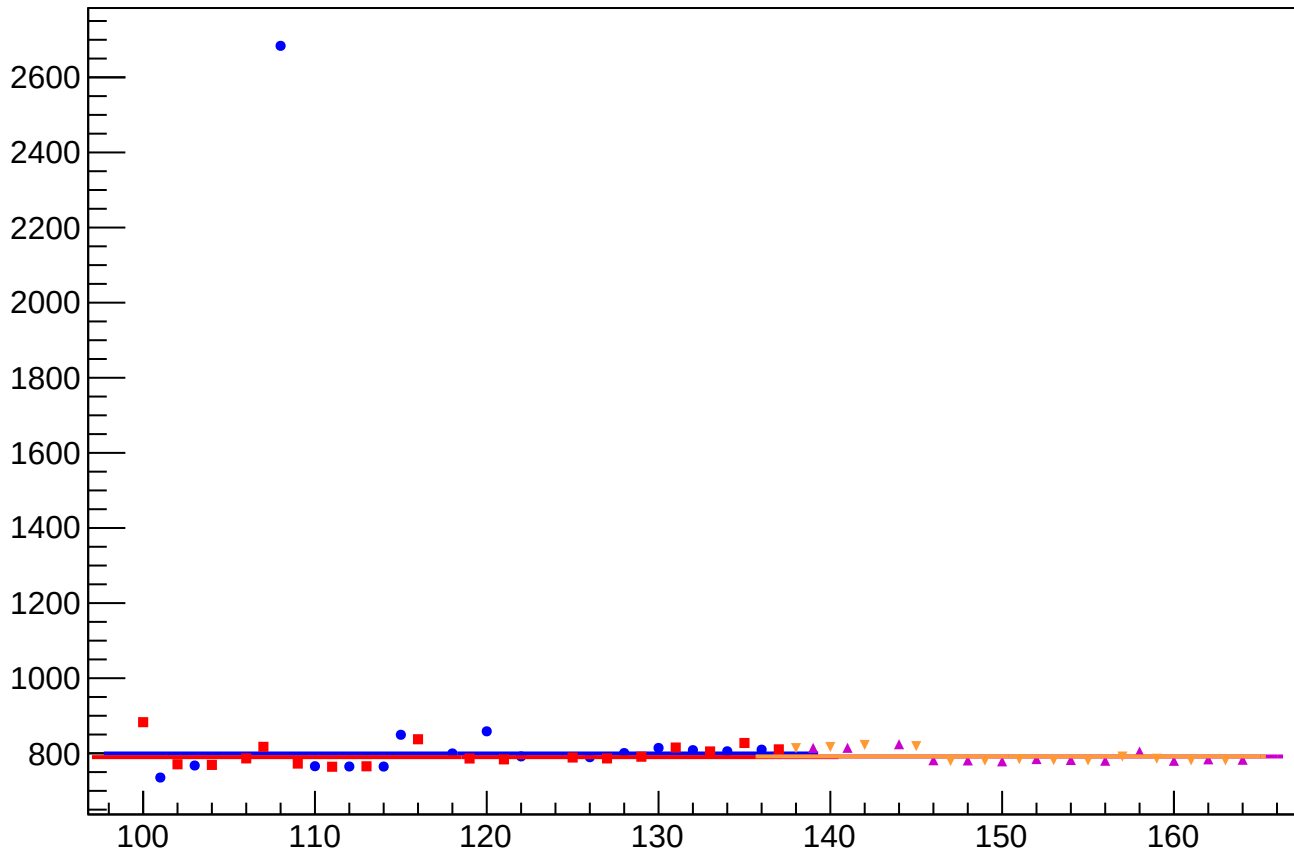
Left In: 276.437 ± 245.173 χ^2/NDF : 17.4/12

+ sign -173.014 ± 196.009 χ^2/NDF : 23.4/28

All: -13.707 ± 136.215 χ^2/NDF : 55.9/59

- sign 135.090 ± 189.433 χ^2/NDF : 31.2/30

dit_asym_us_dd_rms vs Slug



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

Left Out: 791.741 $\pm$ 0.178 χ^2 /NDF: 7650.1/12

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

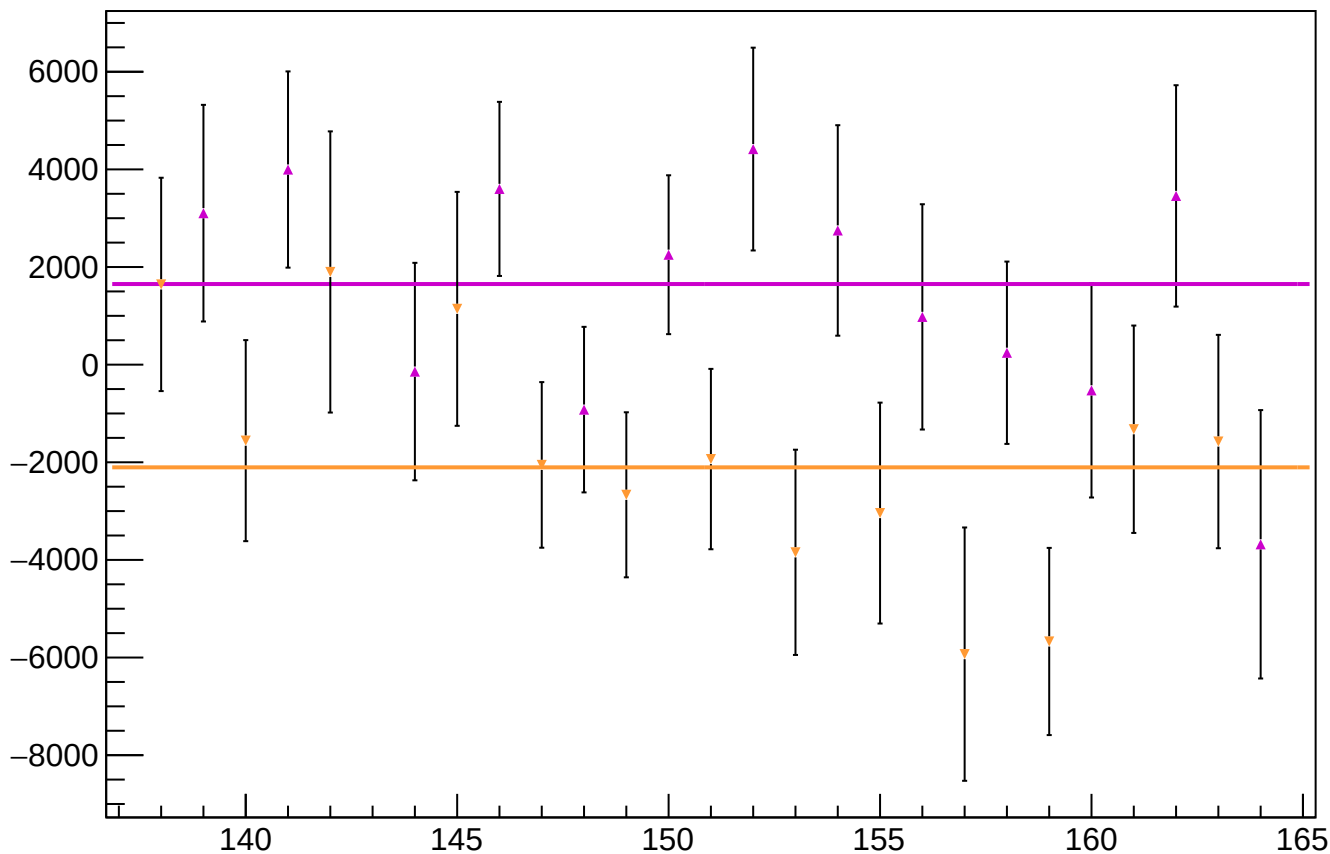
Left In: 791.574 $\pm$ 0.173 χ^2 /NDF: 8119.5/12

+ sign 794.795 $\pm$ 0.139 χ^2 /NDF: 399590.0/28

All: 792.758 $\pm$ 0.096 χ^2 /NDF: 419344.4/59

- sign 790.857 $\pm$ 0.134 χ^2 /NDF: 19337.0/30

asym_us_dd_correction_mean vs Slug



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

Left Out: -2103.741+/-577.022 χ^2/NDF :13.6/12

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

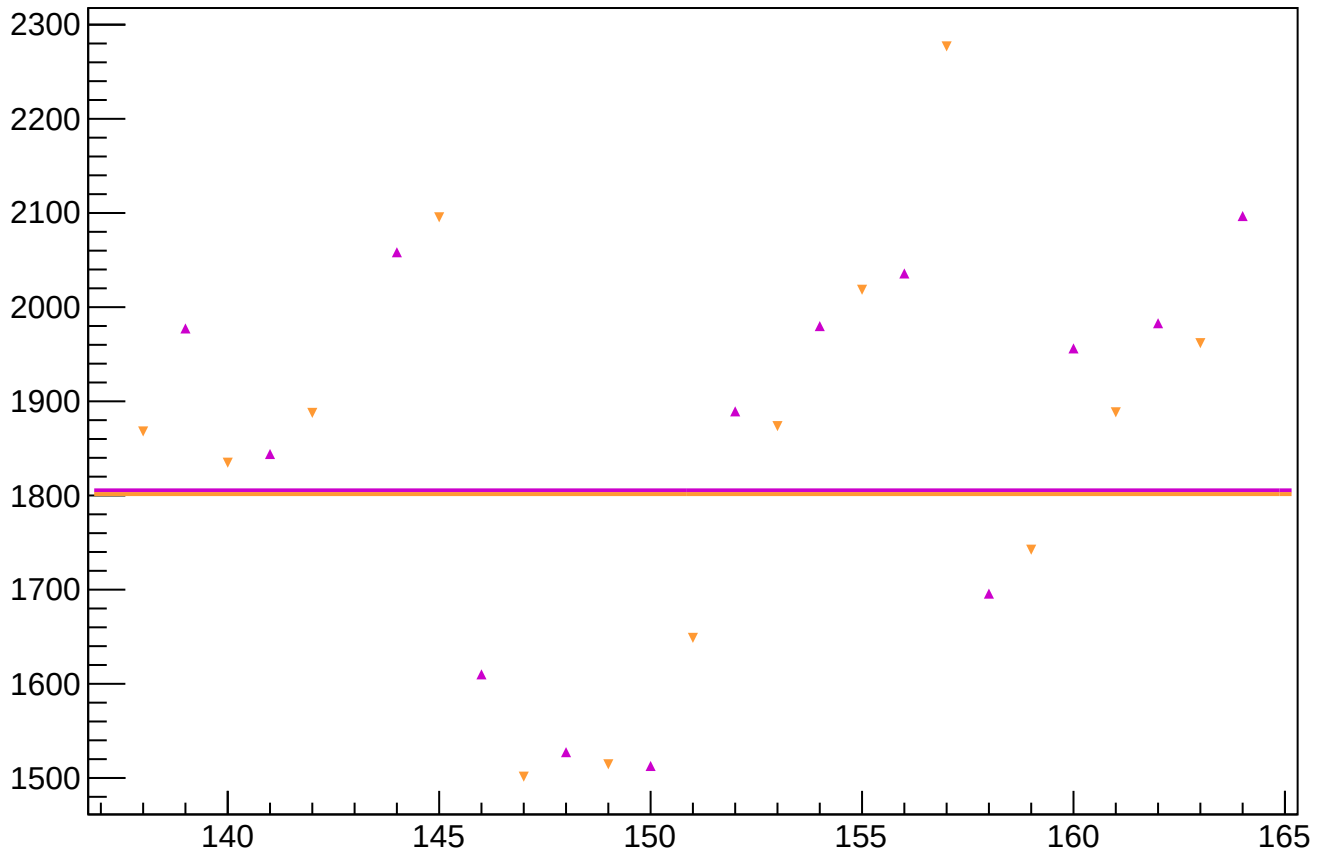
Left In: 1651.420+/-563.650 χ^2/NDF :14.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -182.145+/-403.205 χ^2/NDF : 49.4/25

- 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: 1801.484+/-0.408 χ^2/NDF : 272030.3/12

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

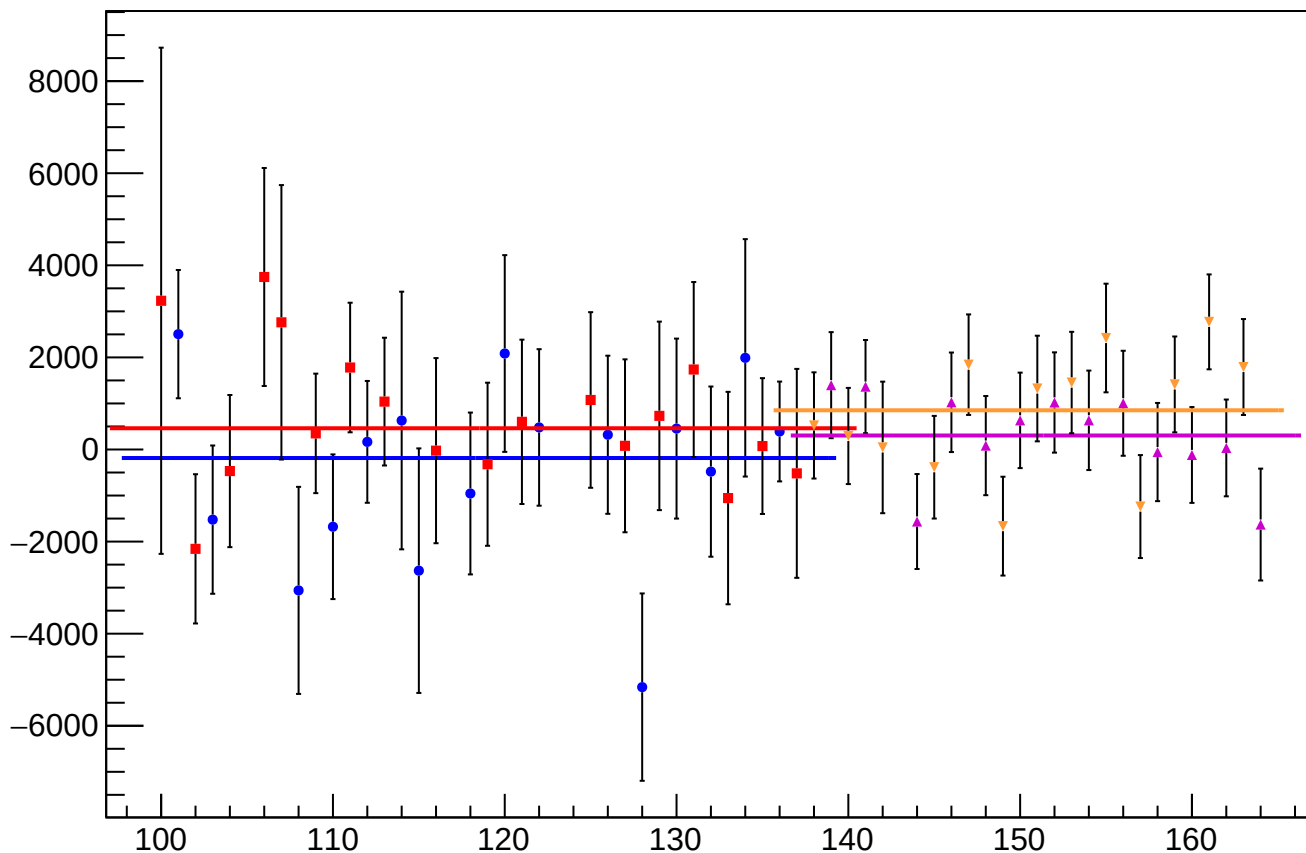
Left In: 1805.428+/-0.399 χ^2/NDF : 268311.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1803.502+/-0.285 χ^2/NDF : 540389.7/25

- 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: 851.603 ± 307.744 χ^2/NDF : 18.5/12

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

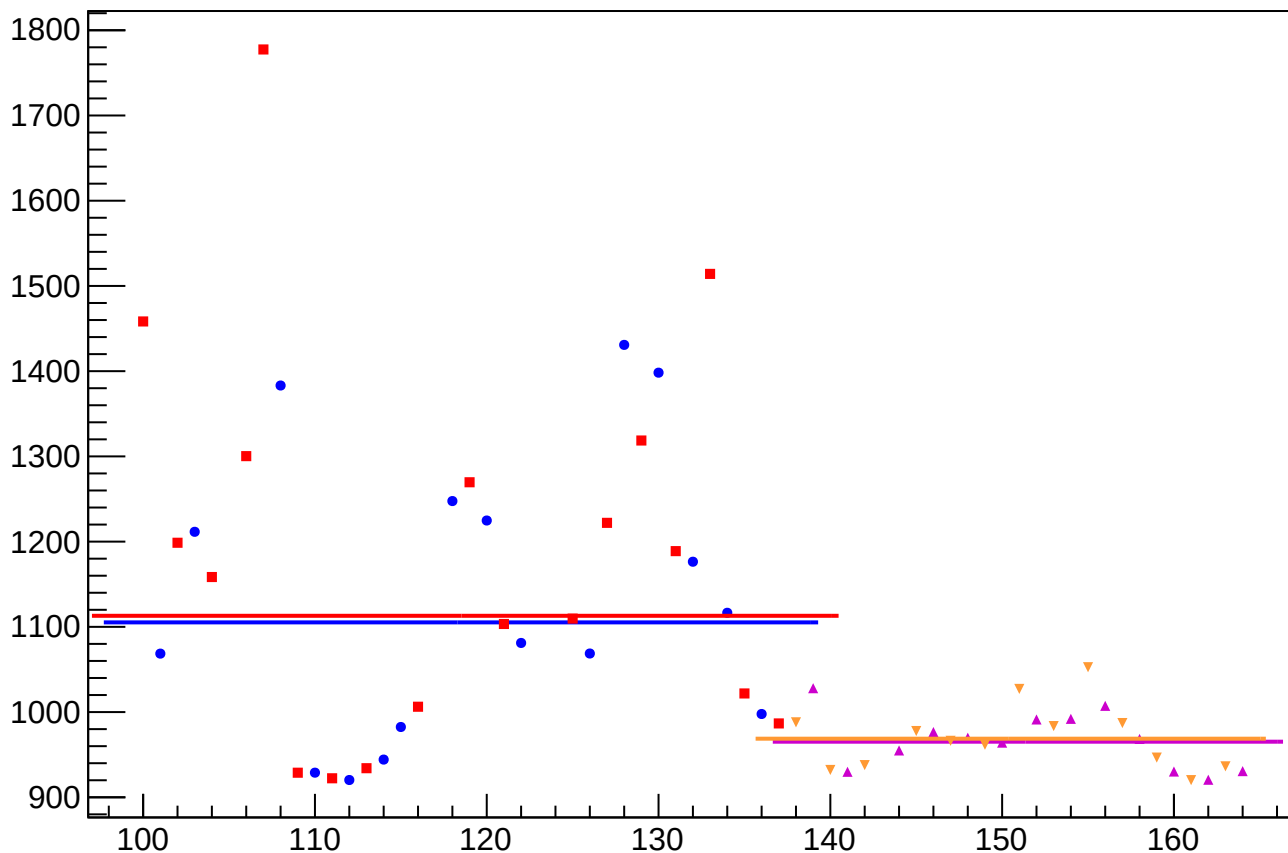
Left In: 304.078 ± 299.131 χ^2/NDF : 9.7/12

+ sign 502.083 ± 250.550 χ^2/NDF : 39.0/28

All: 427.314 ± 175.163 χ^2/NDF : 57.2/59

- sign 355.833 ± 244.980 χ^2/NDF : 18.1/30

asym_us_dd_rms vs Slug



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

Left Out: 968.772+/-0.218 χ^2/NDF : 27680.1/12

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

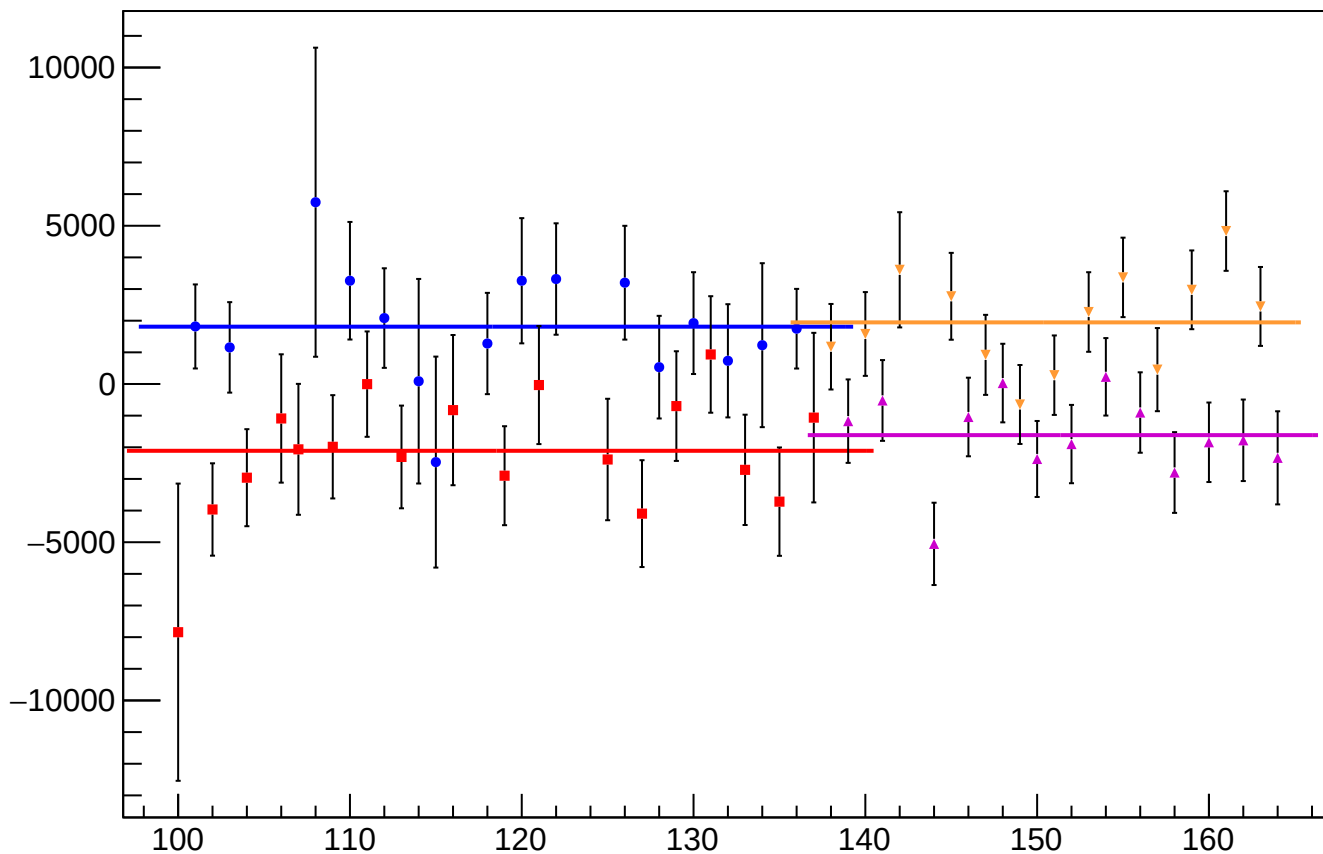
Left In: 965.251+/-0.212 χ^2/NDF : 21443.9/12

+ sign 1014.782+/-0.177 χ^2/NDF : 415640.1/28

All: 1014.328+/-0.124 χ^2/NDF : 960701.8/59

- sign 1013.893+/-0.173 χ^2/NDF : 545048.8/30

dit_asym_usl_mean vs Slug



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

Left Out: 1946.740+/-362.248 χ^2/NDF : 17.1/12

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

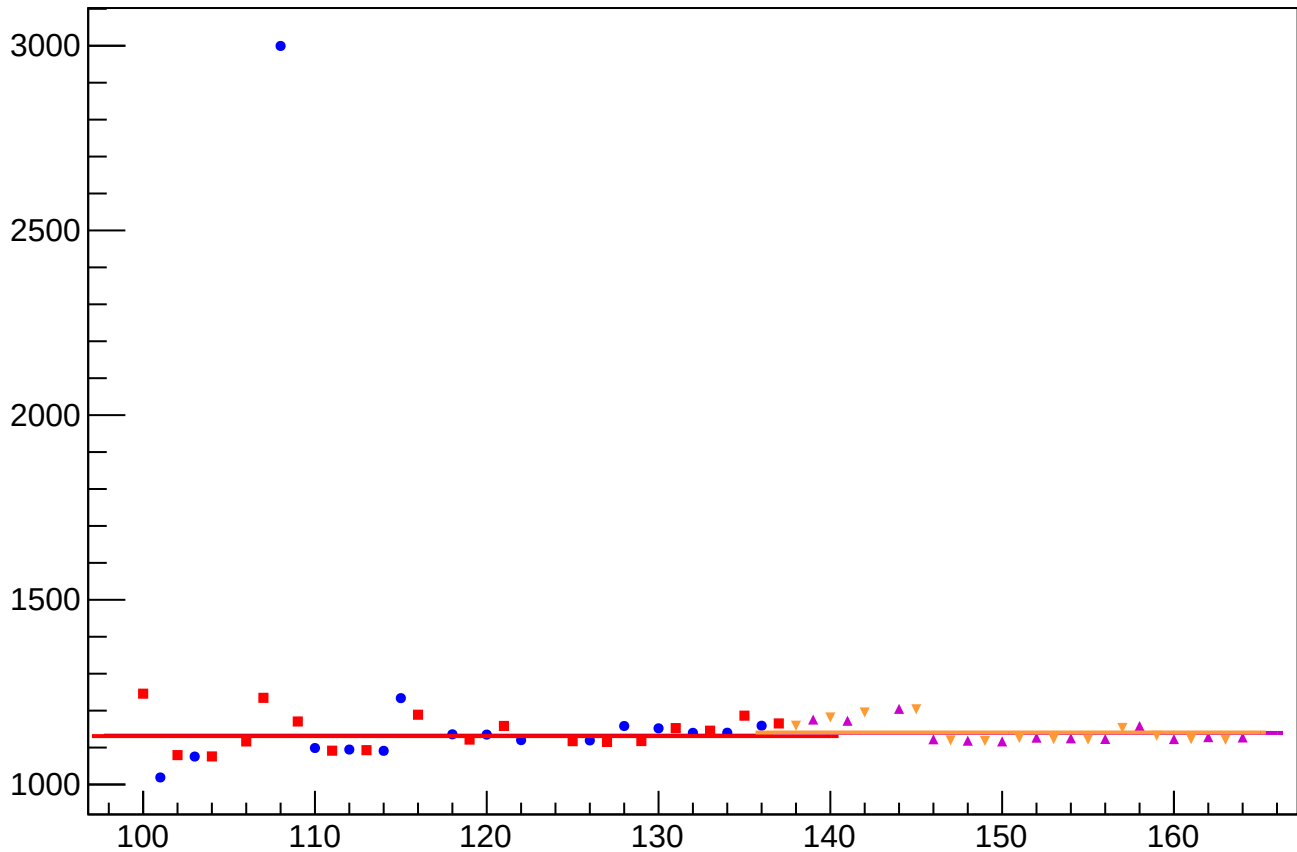
Left In: -1616.078+/-353.013 χ^2/NDF : 14.0/12

+ sign 1892.242+/-280.210 χ^2/NDF : 23.6/28

All: -15.637+/-195.263 χ^2/NDF : 141.5/59

- sign -1816.636+/-272.248 χ^2/NDF : 27.8/30

dit_asym_usl_rms vs Slug



Right In: 1132.074 $\pm$ 0.313 χ^2 /NDF: 316026.3/15

Left Out: 1140.661 $\pm$ 0.256 χ^2 /NDF:11826.9/12

Right Out: 1131.016 $\pm$ 0.302 χ^2 /NDF: 19719.1/17

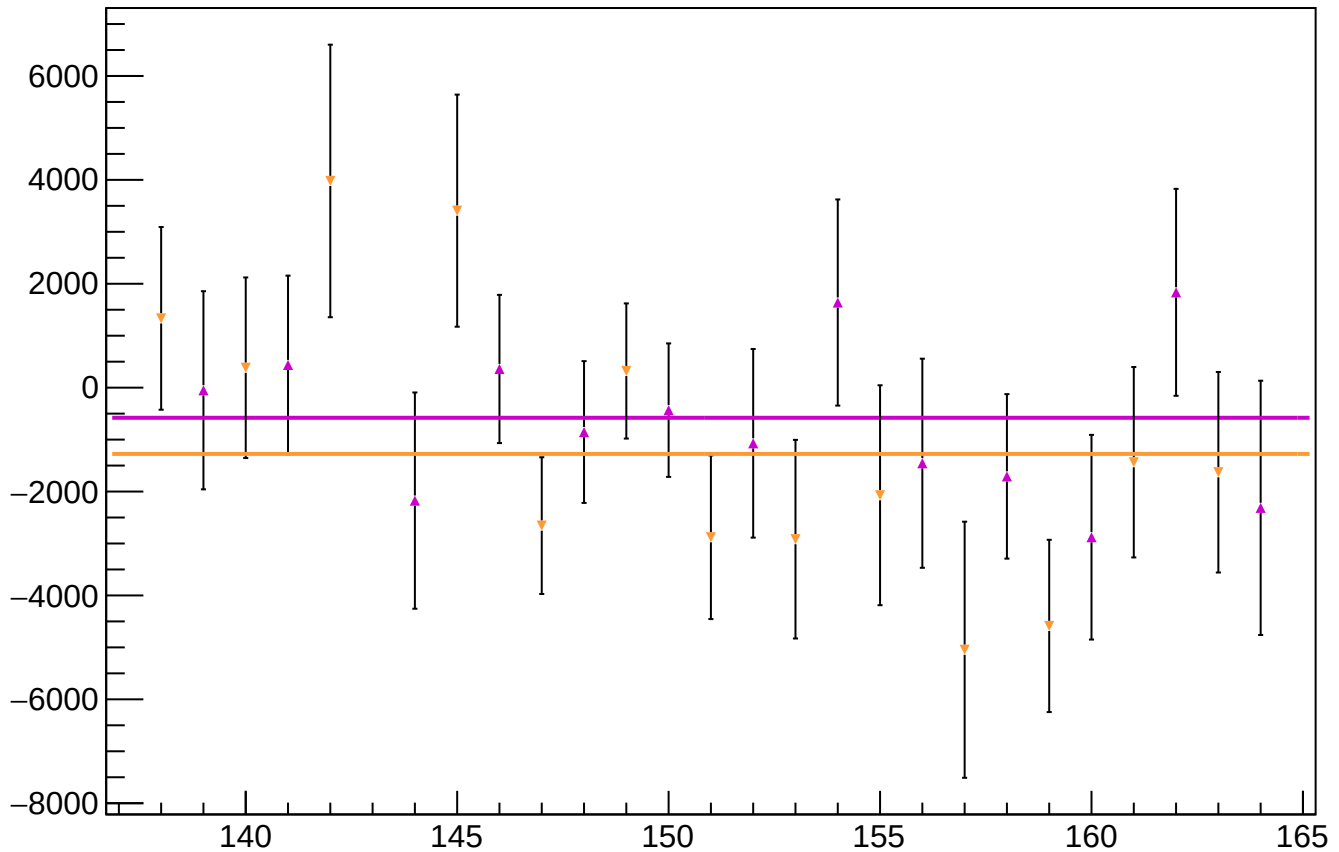
Left In: 1139.560 $\pm$ 0.250 χ^2 /NDF:11466.3/12

+ sign 1137.212 $\pm$ 0.198 χ^2 /NDF: 328304.5/28

All: 1136.639 $\pm$ 0.138 χ^2 /NDF: 359980.9/59

- sign 1136.098 $\pm$ 0.193 χ^2 /NDF: 31660.2/30

asym_usl_correction_mean vs Slug



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

Left Out: -1275.456+/-490.165 χ^2/NDF :22.4/12

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

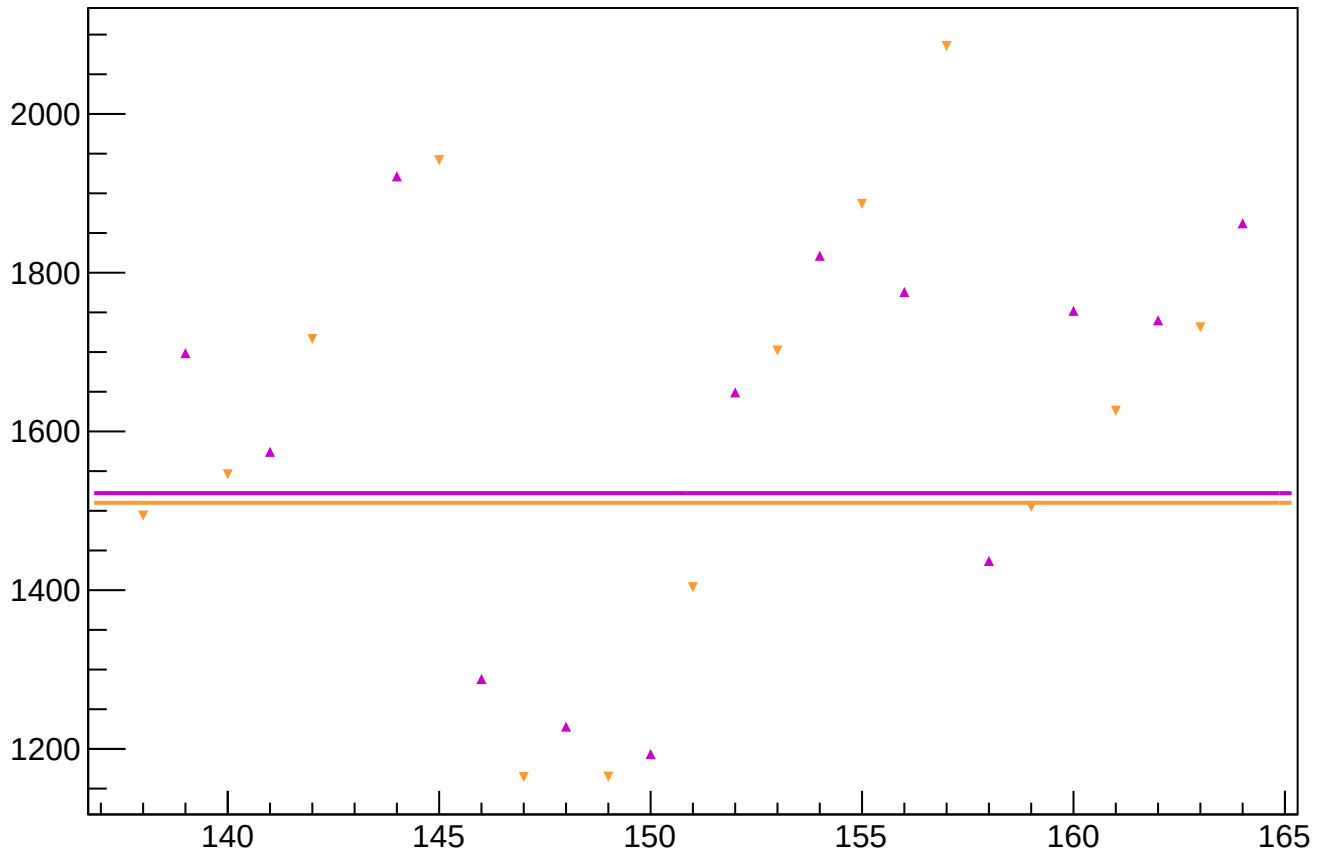
Left In: -579.944+/-479.036 χ^2/NDF :6.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -919.715+/-342.597 χ^2/NDF : 30.3/25

- 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: 1510.116+/-0.347 χ^2/NDF : 602500.2/12

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

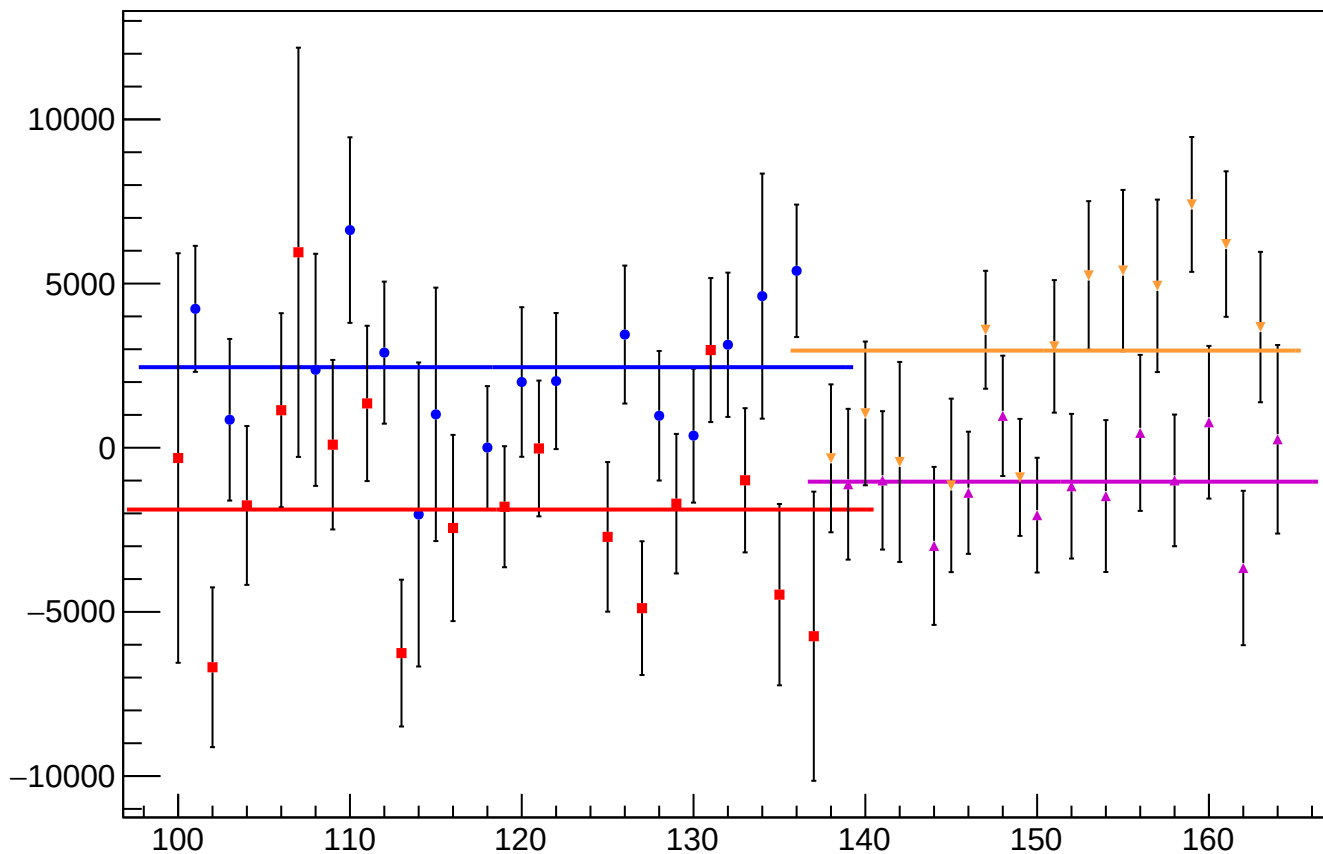
Left In: 1522.278+/-0.339 χ^2/NDF : 552655.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.336+/-0.242 χ^2/NDF : 1155785.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



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

Left Out: 2959.407 ± 612.619 χ^2/NDF : 20.9/12

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

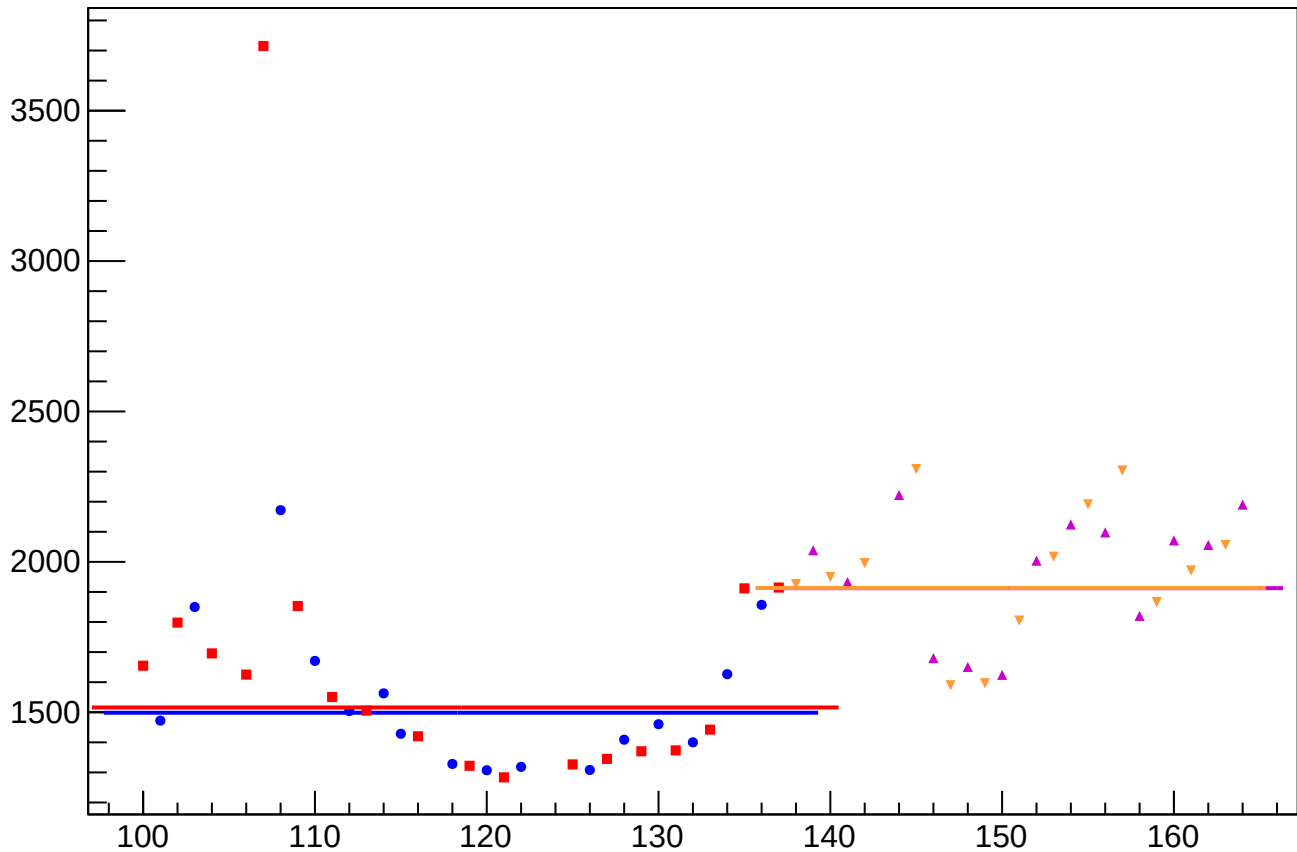
Left In: -1033.766 ± 596.830 χ^2/NDF : 4.7/12

+ sign 2694.582 ± 422.822 χ^2/NDF : 32.0/28

All: 584.975 ± 296.942 χ^2/NDF : 109.6/59

- sign -1468.074 ± 417.116 χ^2/NDF : 28.5/30

asym_usl_rms vs Slug



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

Left Out: 1913.287 $\pm$ 0.433 χ^2 /NDF: 264906.1/12

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

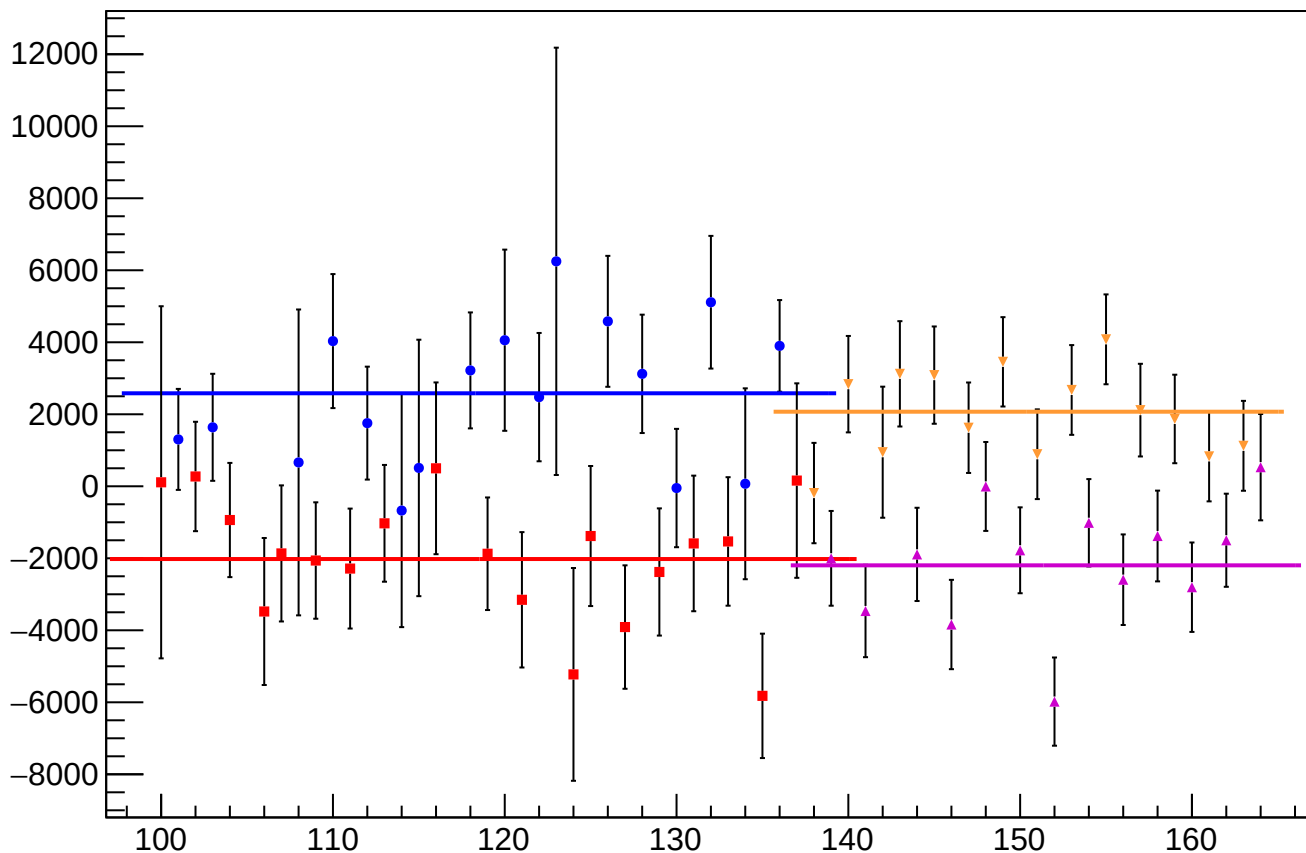
Left In: 1912.570 $\pm$ 0.422 χ^2 /NDF: 237873.6/12

+ sign 1696.079 $\pm$ 0.299 χ^2 /NDF: 1003849.5/28

All: 1702.969 $\pm$ 0.210 χ^2 /NDF: 2175143.9/59

- sign 1709.675 $\pm$ 0.295 χ^2 /NDF: 1170246.6/30

dit_asym_usr_mean vs Slug



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

Left Out: 2071.325 $\pm$ 350.304 χ^2 /NDF: 11.1/13

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

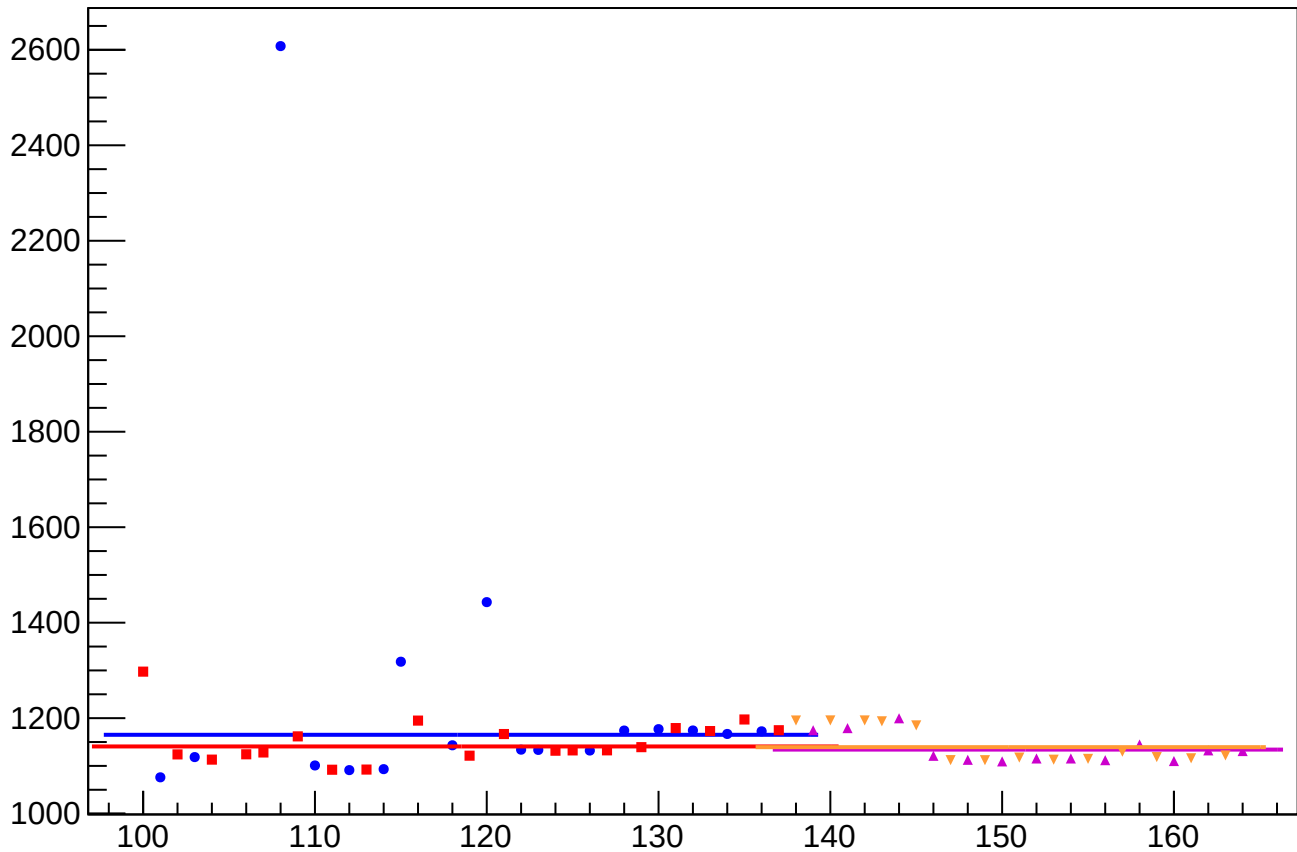
Left In: -2195.930 $\pm$ 351.343 χ^2 /NDF: 21.0/12

+ sign 2262.694 $\pm$ 277.158 χ^2 /NDF: 24.2/30

All: 21.461 $\pm$ 193.856 χ^2 /NDF: 186.9/62

- sign -2125.154 $\pm$ 271.244 χ^2 /NDF: 34.6/31

dit_asym_usr_rms vs Slug



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

Left Out: 1139.245 $\pm$ 0.248 χ^2 /NDF: 19561.6/13

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

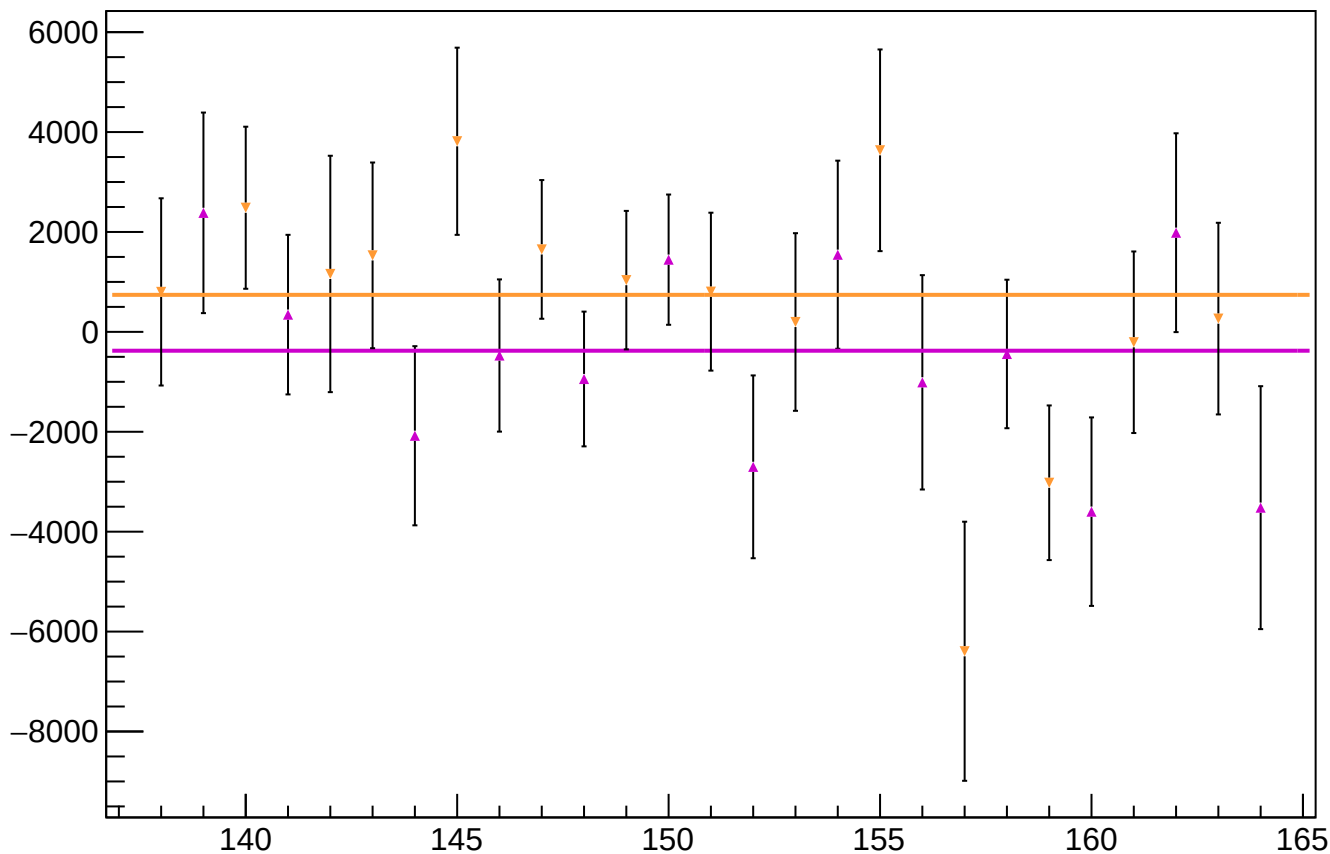
Left In: 1134.151 $\pm$ 0.248 χ^2 /NDF: 13614.7/12

+ sign 1148.932 $\pm$ 0.196 χ^2 /NDF: 302221.2/30

All: 1142.744 $\pm$ 0.137 χ^2 /NDF: 330790.6/62

- sign 1136.818 $\pm$ 0.192 χ^2 /NDF: 26617.5/31

asym_usr_correction_mean vs Slug



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

Left Out: 741.139+/-468.320 χ^2/NDF :20.5/13

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

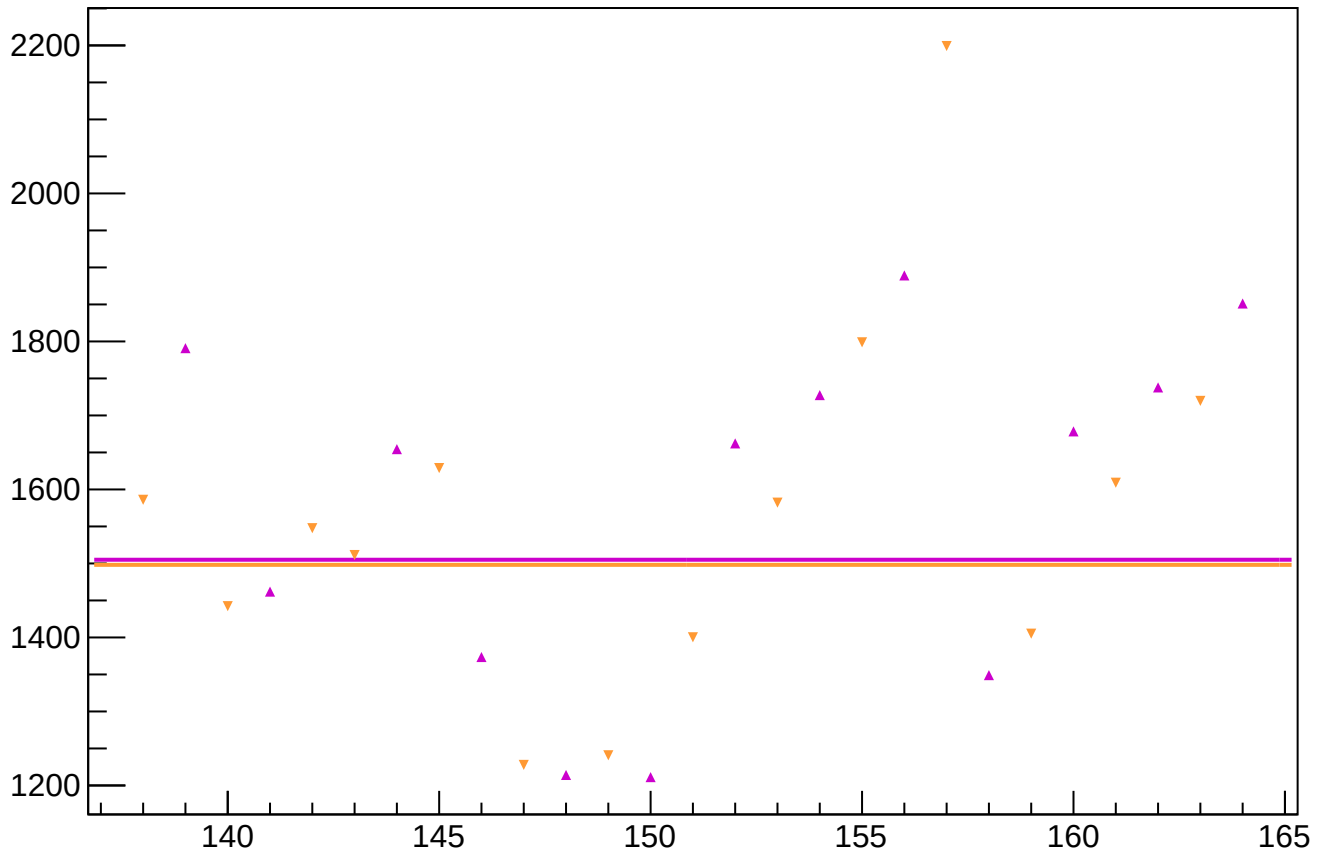
Left In: -377.394+/-472.842 χ^2/NDF :13.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.246+/-332.739 χ^2/NDF : 37.2/26

- 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: 1498.115+/-0.331 χ^2/NDF : 406293.4/13

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

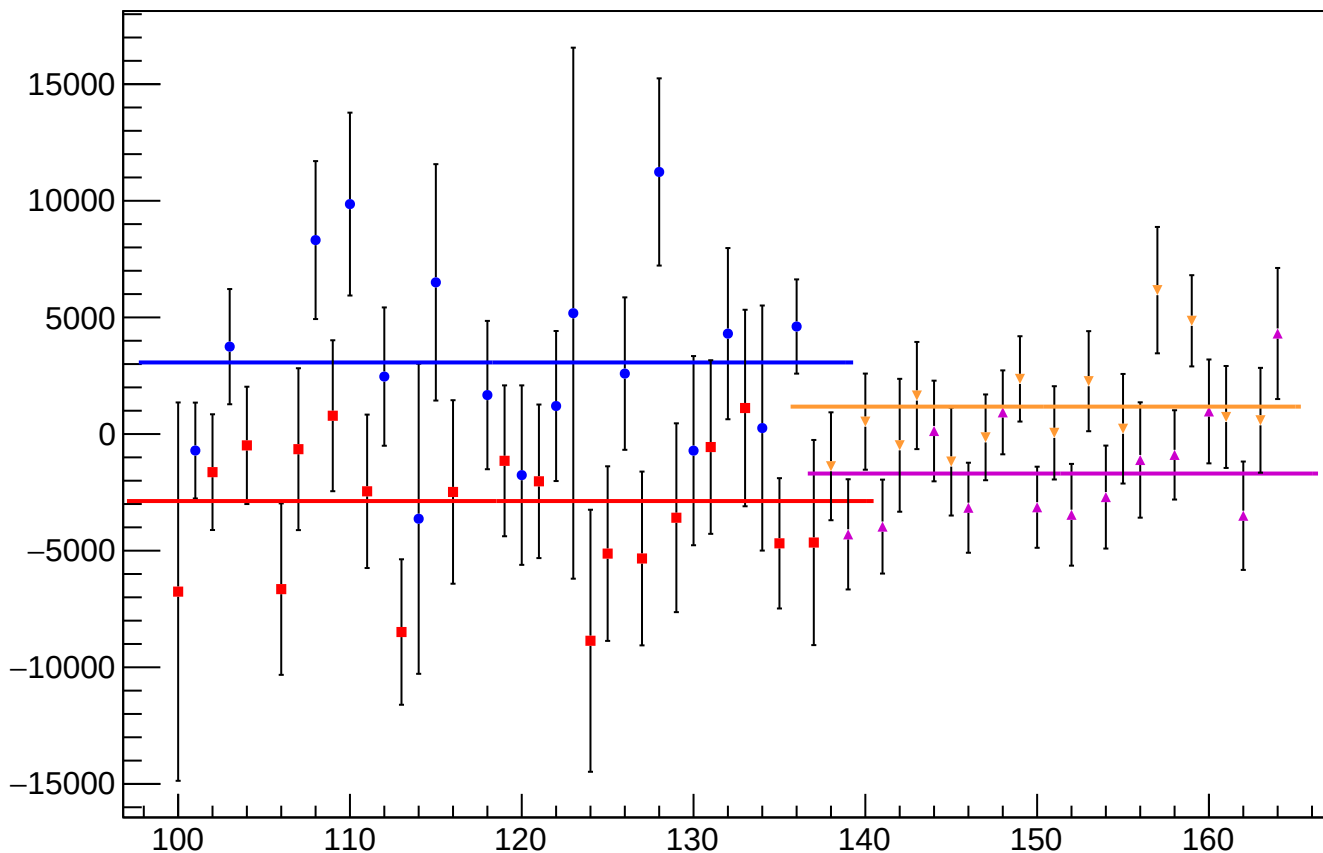
Left In: 1505.014+/-0.334 χ^2/NDF : 478930.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.531+/-0.235 χ^2/NDF : 885438.8/26

- 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: 1175.606 $\pm$ 580.244 χ^2 /NDF: 11.5/13

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

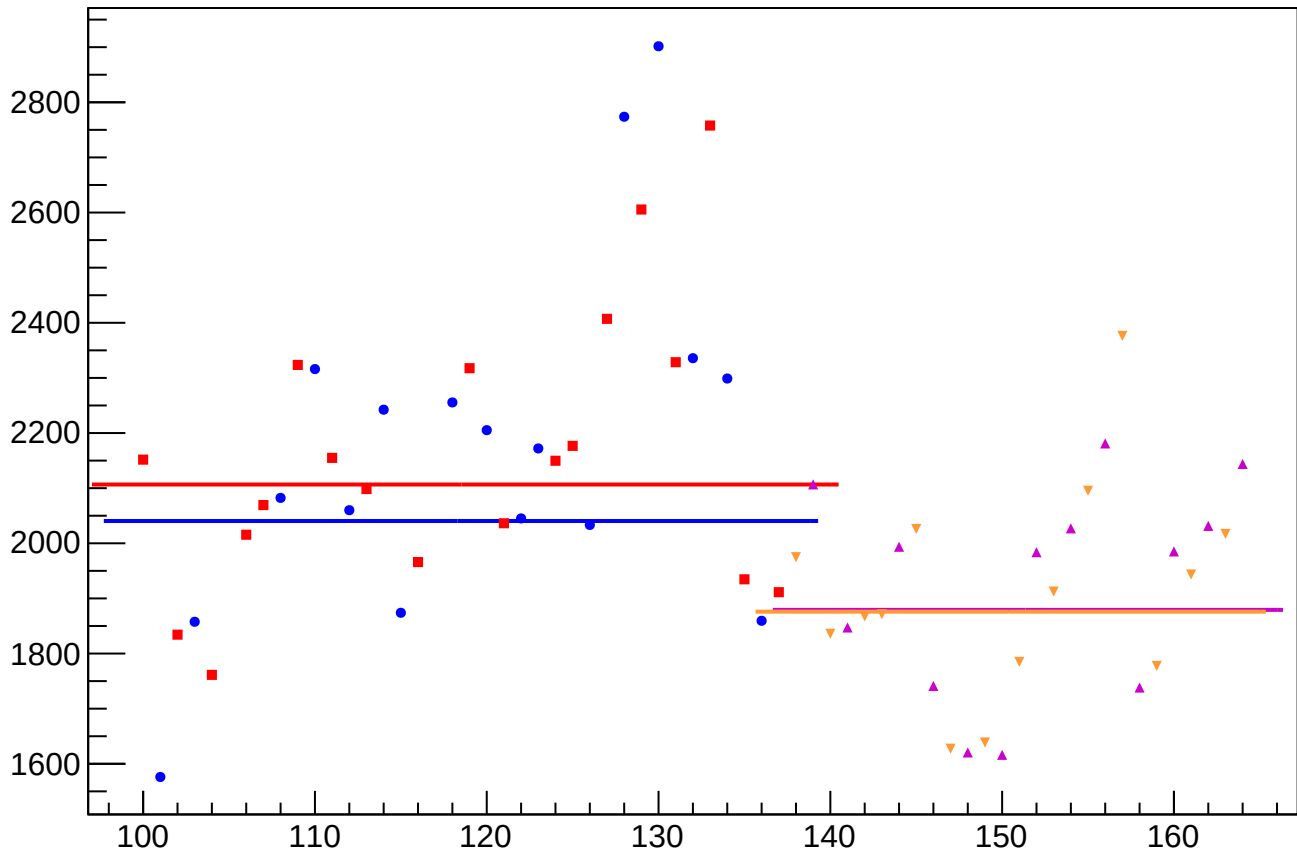
Left In: -1693.314 $\pm$ 585.796 χ^2 /NDF: 14.3/12

+ sign 1830.888 $\pm$ 469.245 χ^2 /NDF: 33.7/30

All: -128.435 $\pm$ 332.661 χ^2 /NDF: 96.0/62

- sign -2108.060 $\pm$ 471.670 χ^2 /NDF: 27.3/31

asym_usr_rms vs Slug



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

Left Out: 1875.979+/-0.410 χ^2/NDF : 188261.7/13

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

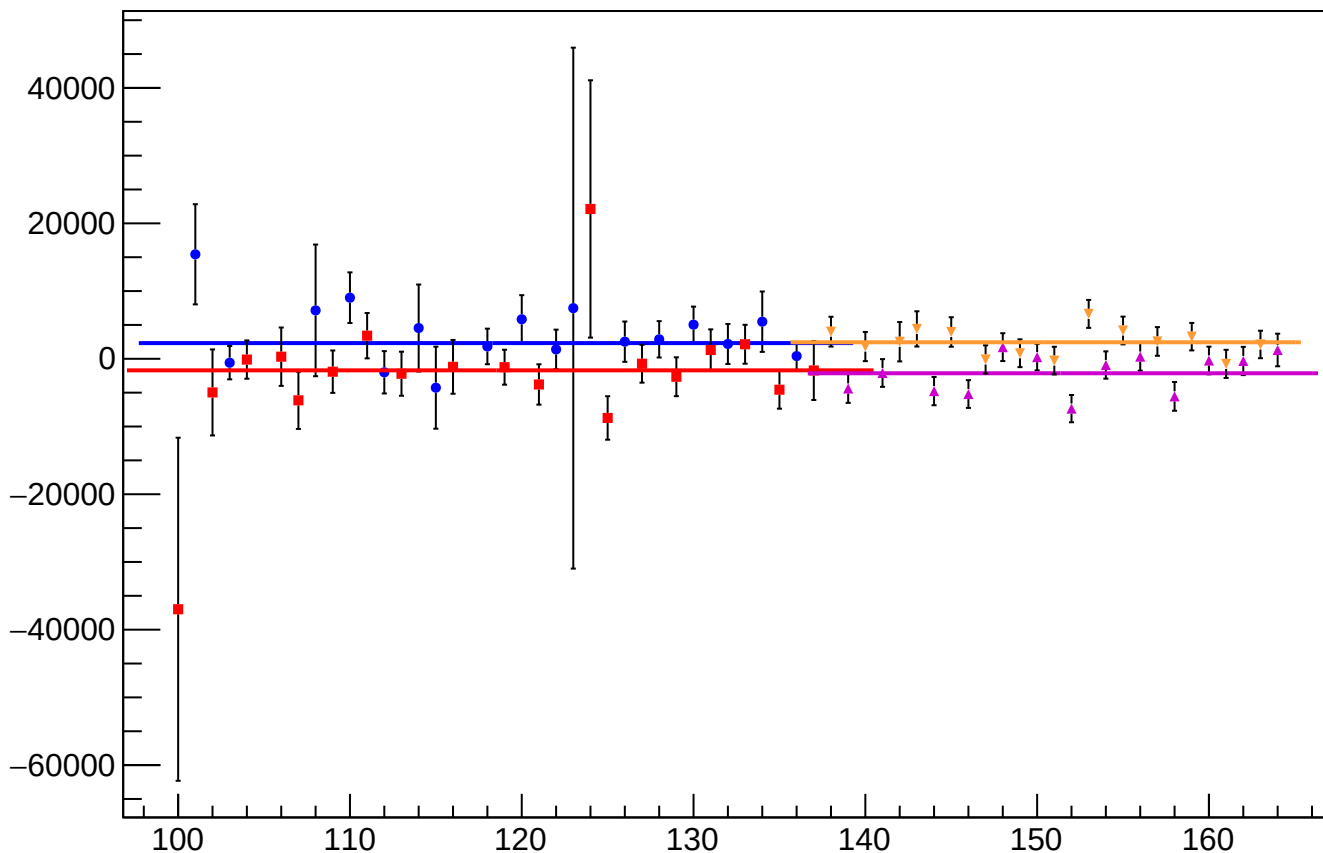
Left In: 1879.224+/-0.414 χ^2/NDF : 207114.4/12

+ sign 1932.880+/-0.332 χ^2/NDF : 575189.2/30

All: 1945.971+/-0.235 χ^2/NDF : 1086840.3/62

- sign 1959.198+/-0.334 χ^2/NDF : 508521.7/31

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2439.775 $\pm$ 575.648 χ^2 /NDF:12.9/13

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

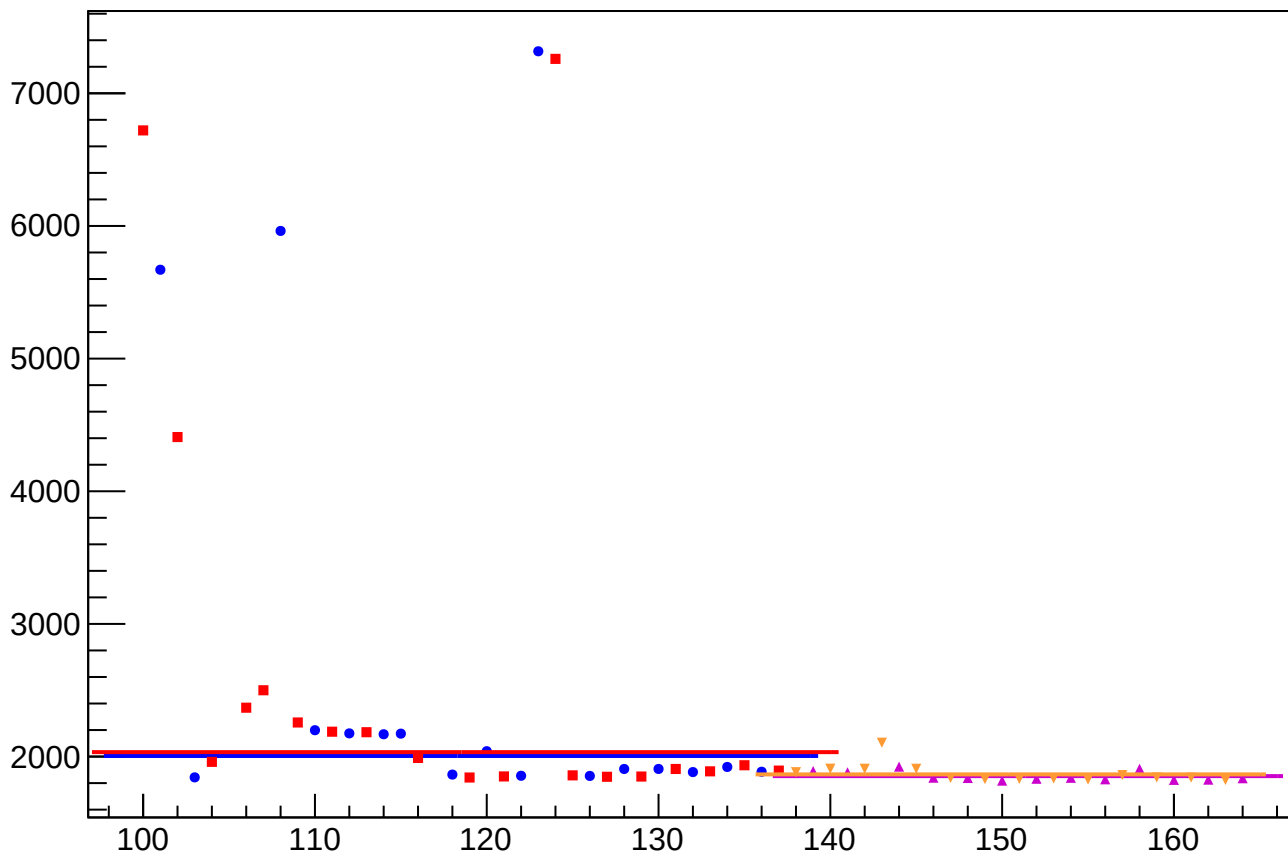
Left In: -2135.873 $\pm$ 575.874 χ^2 /NDF:24.7/12

+ sign 2398.685 $\pm$ 467.542 χ^2 /NDF: 27.7/30

All: 189.740 $\pm$ 329.301 χ^2 /NDF: 114.1/62

- sign -1984.761 $\pm$ 463.882 χ^2 /NDF: 42.0/31

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1865.662+/-0.407 χ^2/NDF : 23031.6/13

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

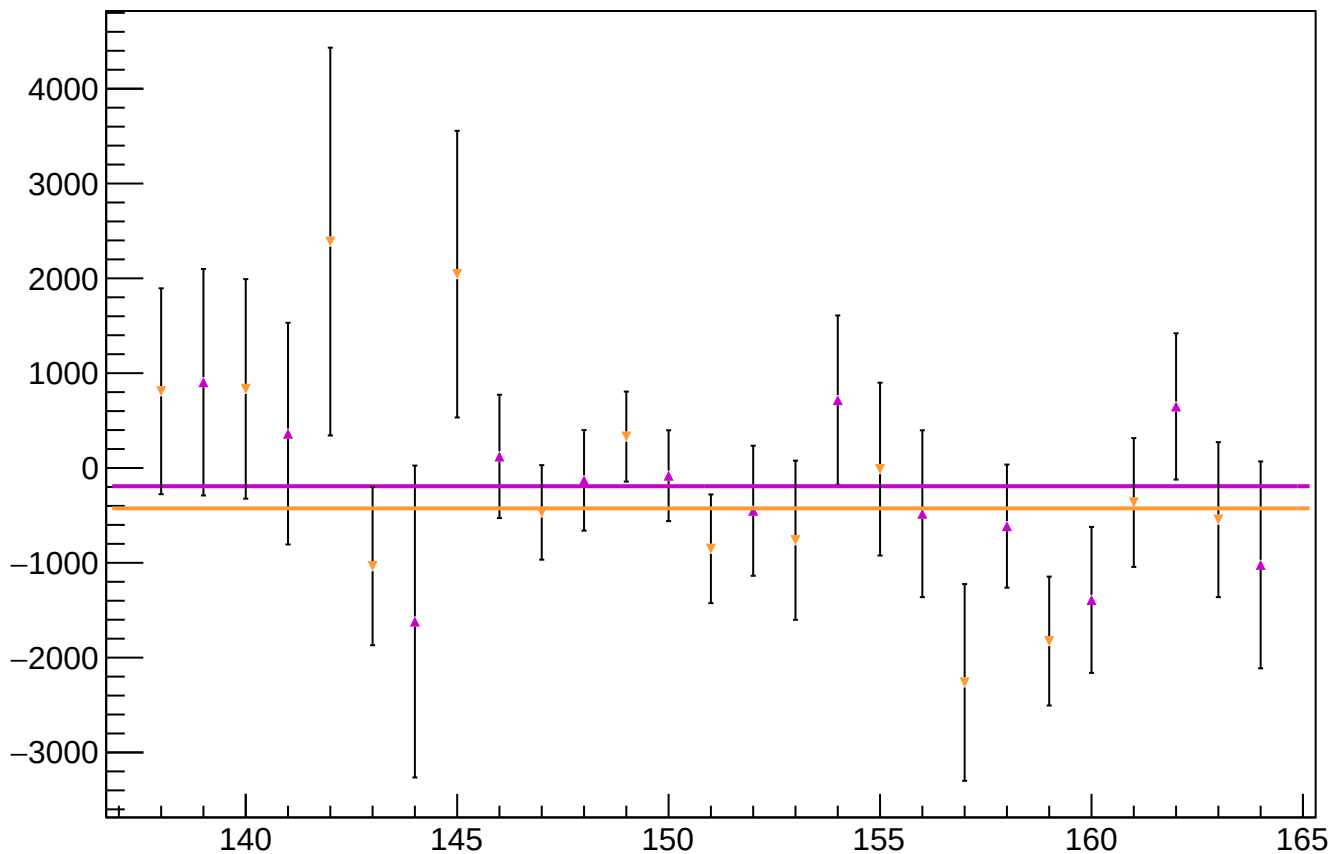
Left In: 1852.687+/-0.407 χ^2/NDF : 6860.5/12

+ sign 1912.930+/-0.331 χ^2/NDF : 978667.8/30

All: 1914.564+/-0.233 χ^2/NDF : 1665809.6/62

- sign 1916.172+/-0.328 χ^2/NDF : 687093.3/31

asym_at1_avg_correction_mean vs Slug



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

Left Out: -425.835 $\pm$ 201.625 χ^2 /NDF:18.4/13

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

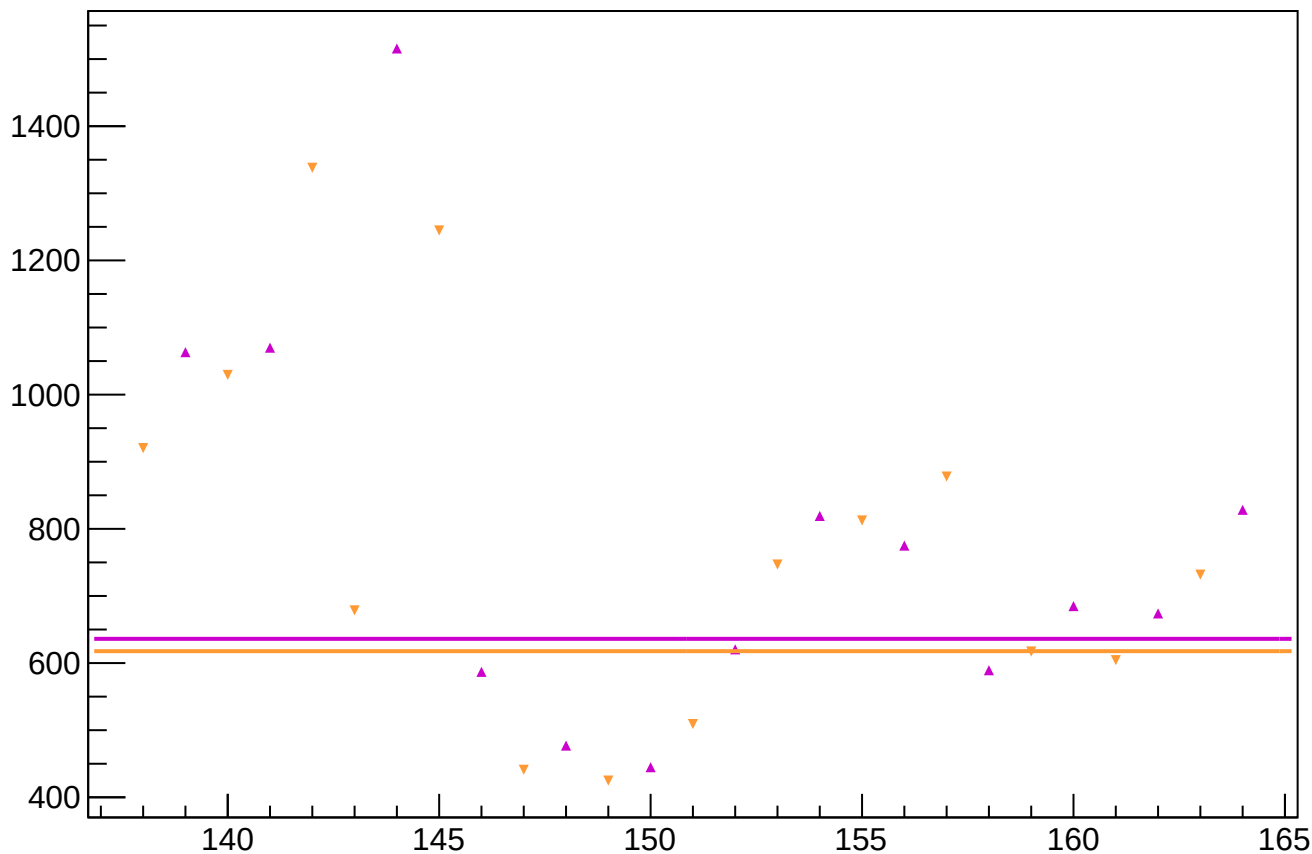
Left In: -192.026 $\pm$ 207.011 χ^2 /NDF:8.0/12

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

All: -312.012 $\pm$ 144.437 χ^2 /NDF: 27.1/26

- 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: 617.752+/-0.143 χ^2/NDF :1968491.7/13

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

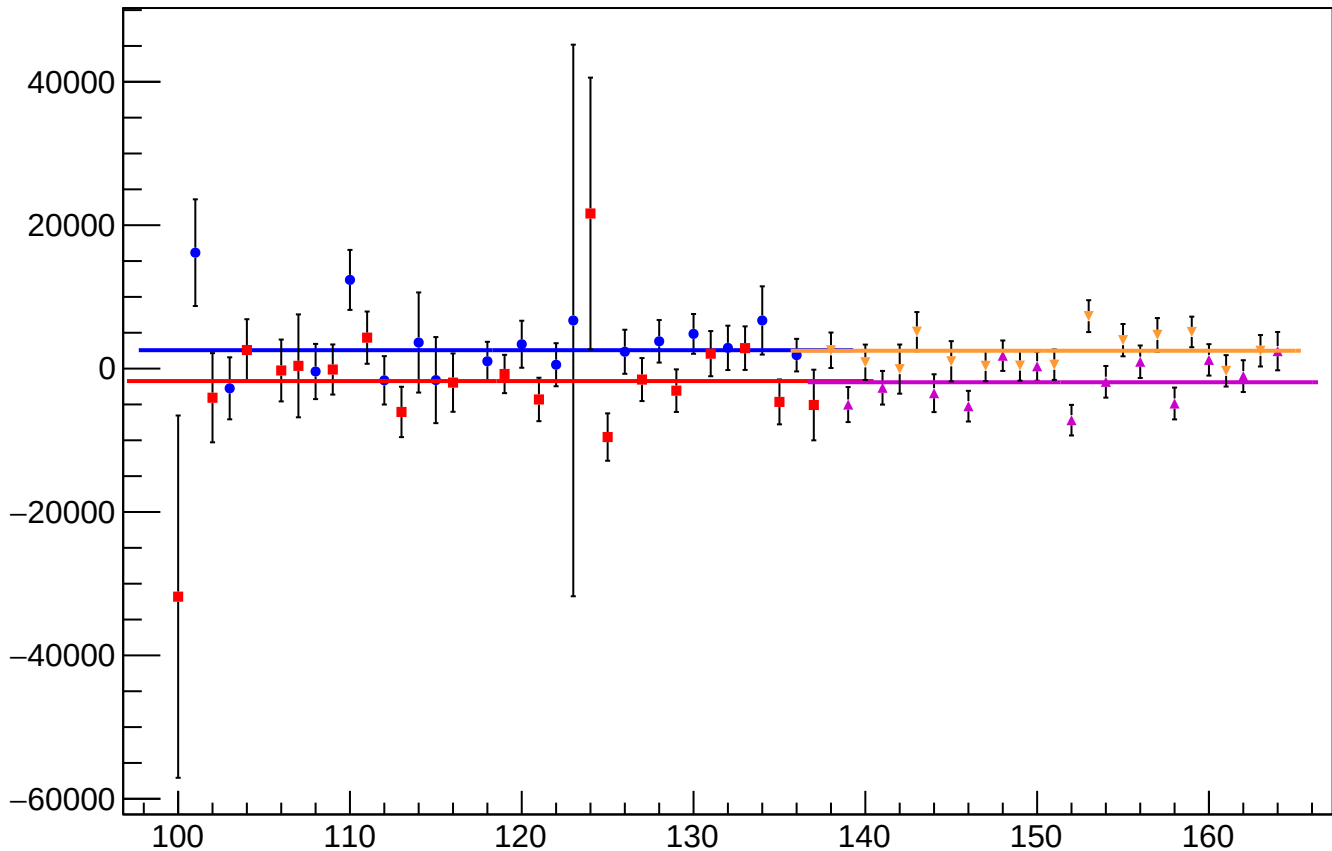
Left In: 636.131+/-0.146 χ^2/NDF :1834437.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.699+/-0.102 χ^2/NDF : 3811019.4/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



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

Left Out: 2490.915+/-625.339 χ^2/NDF : 14.2/13

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

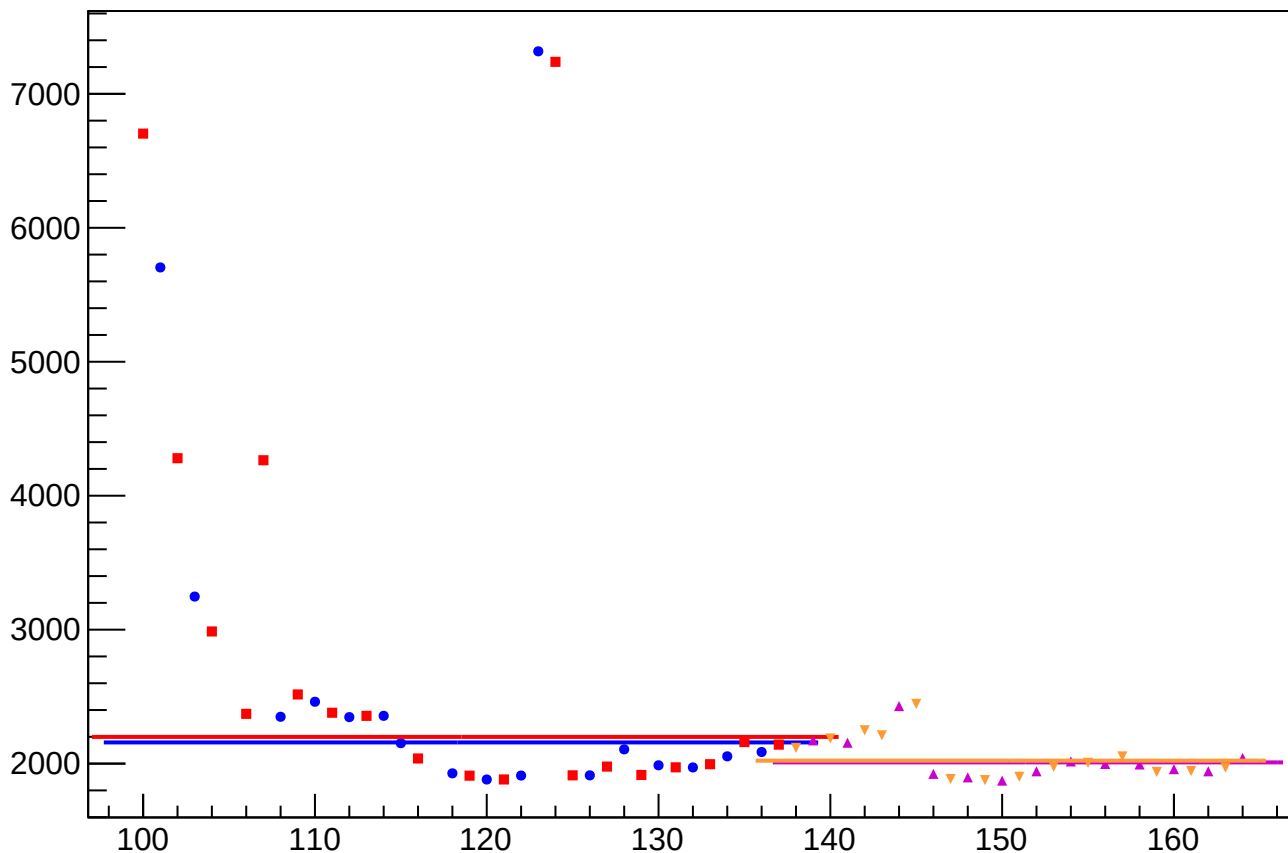
Left In: -1903.622+/-625.793 χ^2/NDF : 23.1/12

+ sign 2517.316+/-504.968 χ^2/NDF : 29.7/30

All: 334.310+/-356.938 χ^2/NDF : 110.7/62

- sign -1845.576+/-504.607 χ^2/NDF : 43.6/31

asym_at1_avg_rms vs Slug



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

Left Out: 2021.930+/-0.442 χ^2/NDF :108276.5/13

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

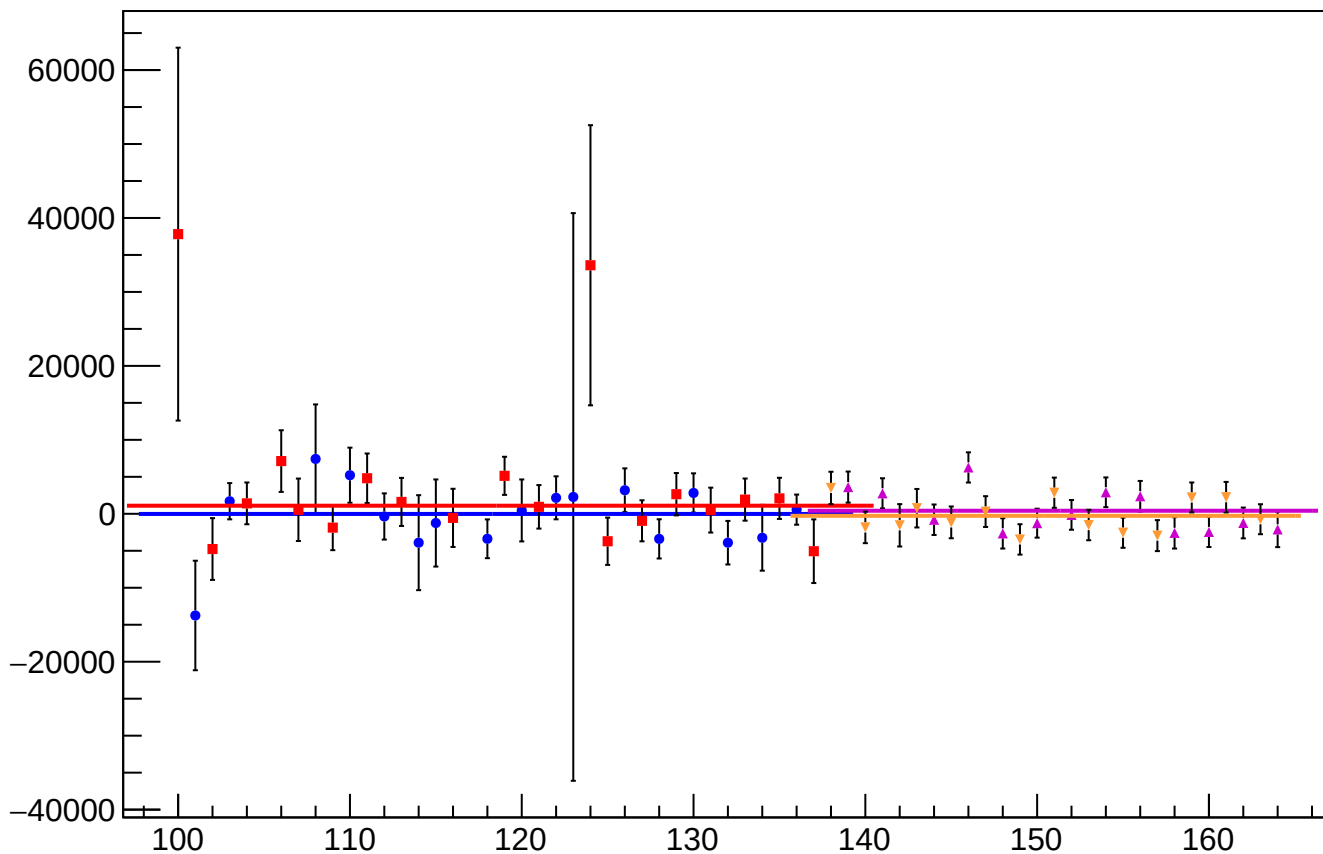
Left In: 2009.021+/-0.443 χ^2/NDF :90847.7/12

+ sign 2069.324+/-0.357 χ^2/NDF : 855157.3/30

All: 2072.463+/-0.252 χ^2/NDF : 1813891.2/62

- sign 2075.597+/-0.357 χ^2/NDF : 958579.5/31

dit_asym_at1_dd_mean vs Slug



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

Left Out: -271.831 ± 572.937 χ^2/NDF : 15.1/13

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

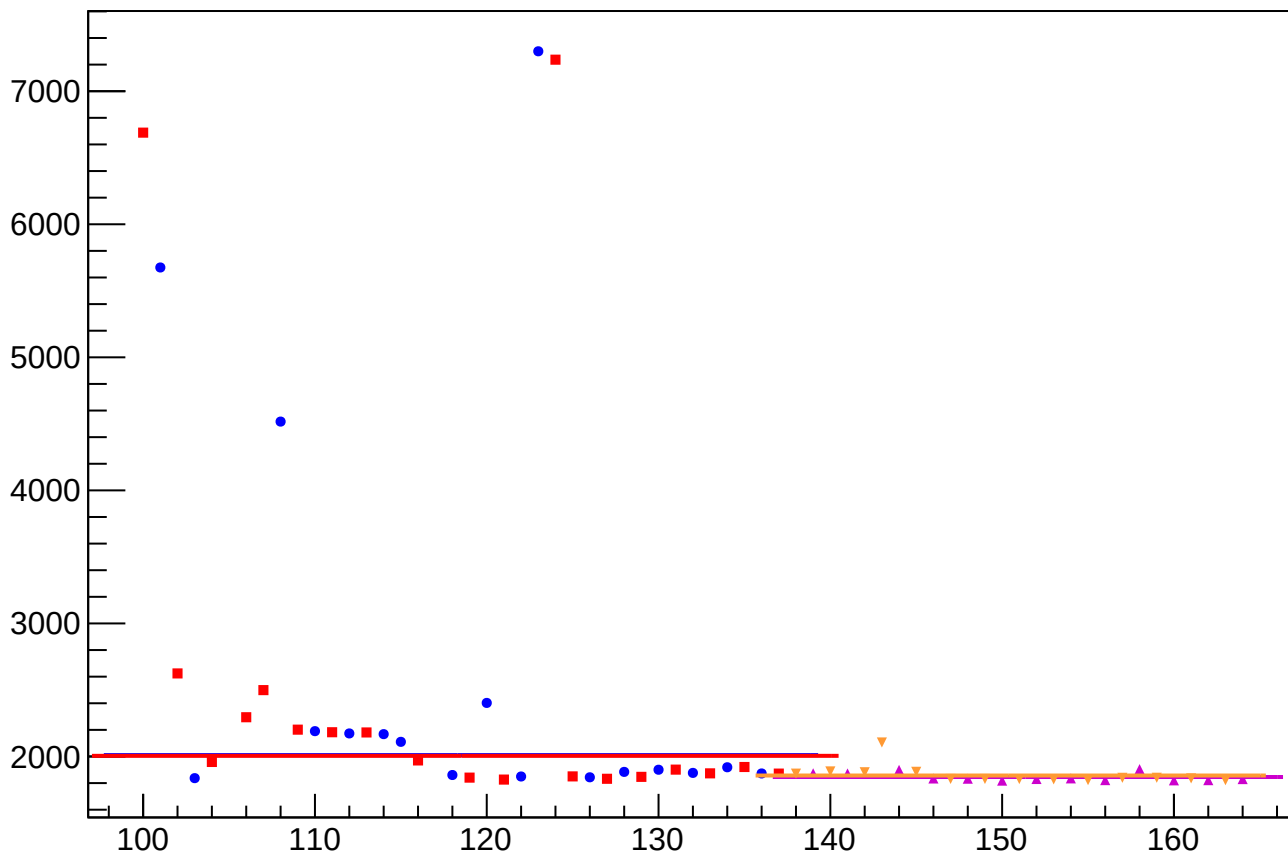
Left In: 413.297 ± 573.681 χ^2/NDF : 23.4/12

+ sign -186.070 ± 466.079 χ^2/NDF : 31.1/30

All: 240.966 ± 327.389 χ^2/NDF : 76.0/62

- sign 656.897 ± 459.978 χ^2/NDF : 43.3/31

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1856.968 $\pm$ 0.405 χ^2 /NDF: 22227.9/13

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

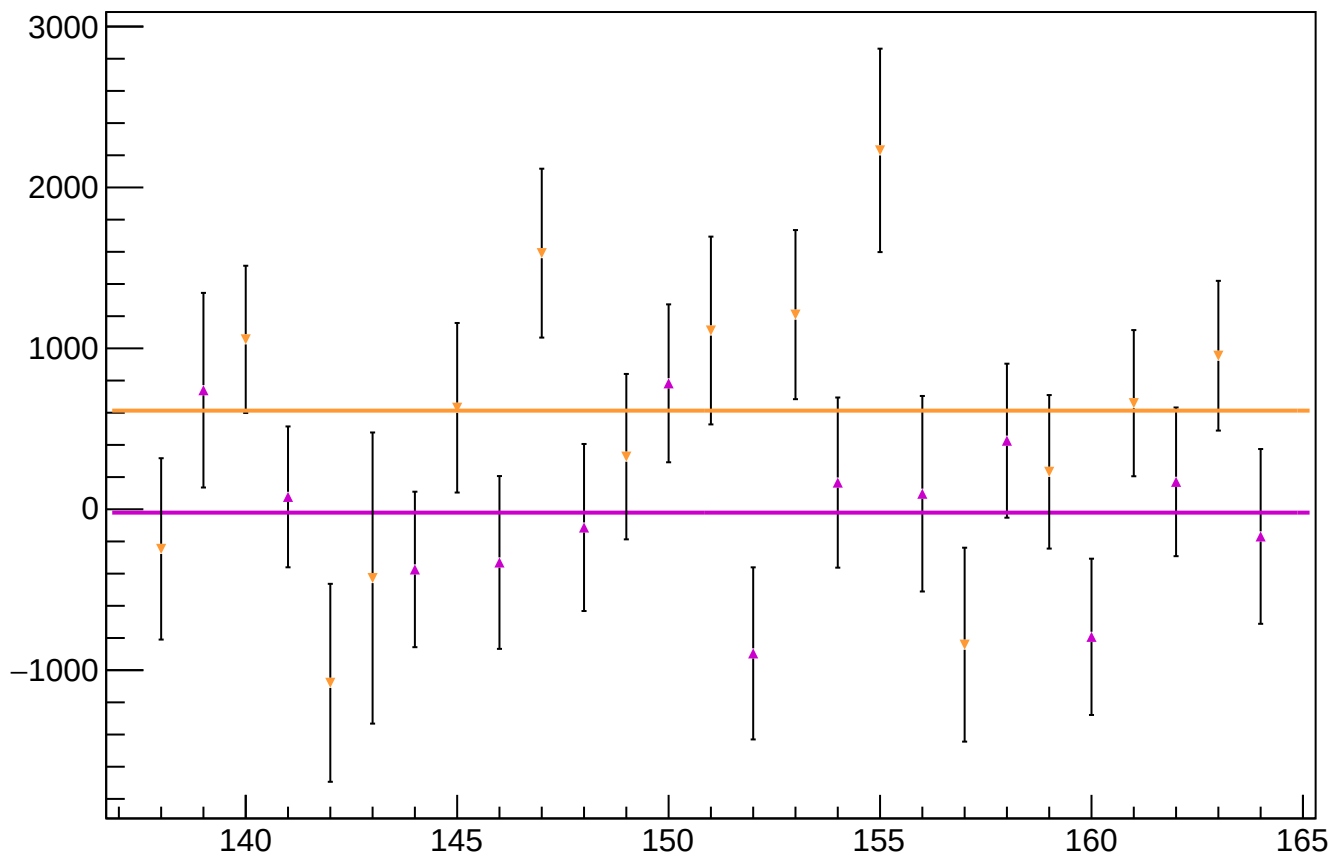
Left In: 1845.736 $\pm$ 0.406 χ^2 /NDF: 5175.5/12

+ sign 1908.821 $\pm$ 0.330 χ^2 /NDF: 910407.1/30

All: 1905.654 $\pm$ 0.231 χ^2 /NDF: 1338243.1/62

- sign 1902.570 $\pm$ 0.325 χ^2 /NDF: 427653.7/31

asym_at1_dd_correction_mean vs Slug



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

Left Out: 613.055 $\pm$ 143.618 χ^2 /NDF:31.5/13

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

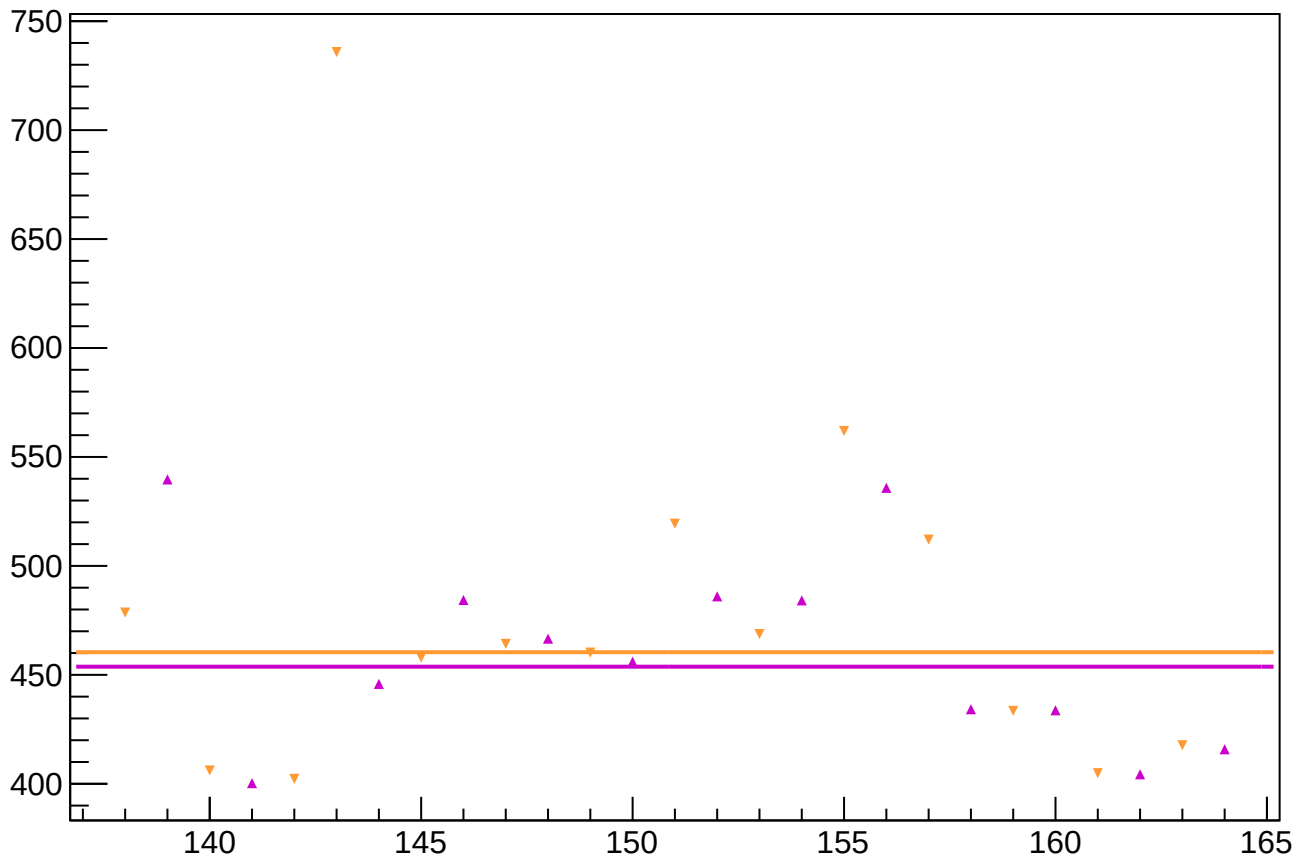
Left In: -20.850 $\pm$ 141.376 χ^2 /NDF:11.7/12

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

All: 291.116 $\pm$ 100.751 χ^2 /NDF: 53.1/26

- sign 0.000 $\pm$ 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: 460.395+/-0.102 χ^2/NDF : 373971.5/13

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

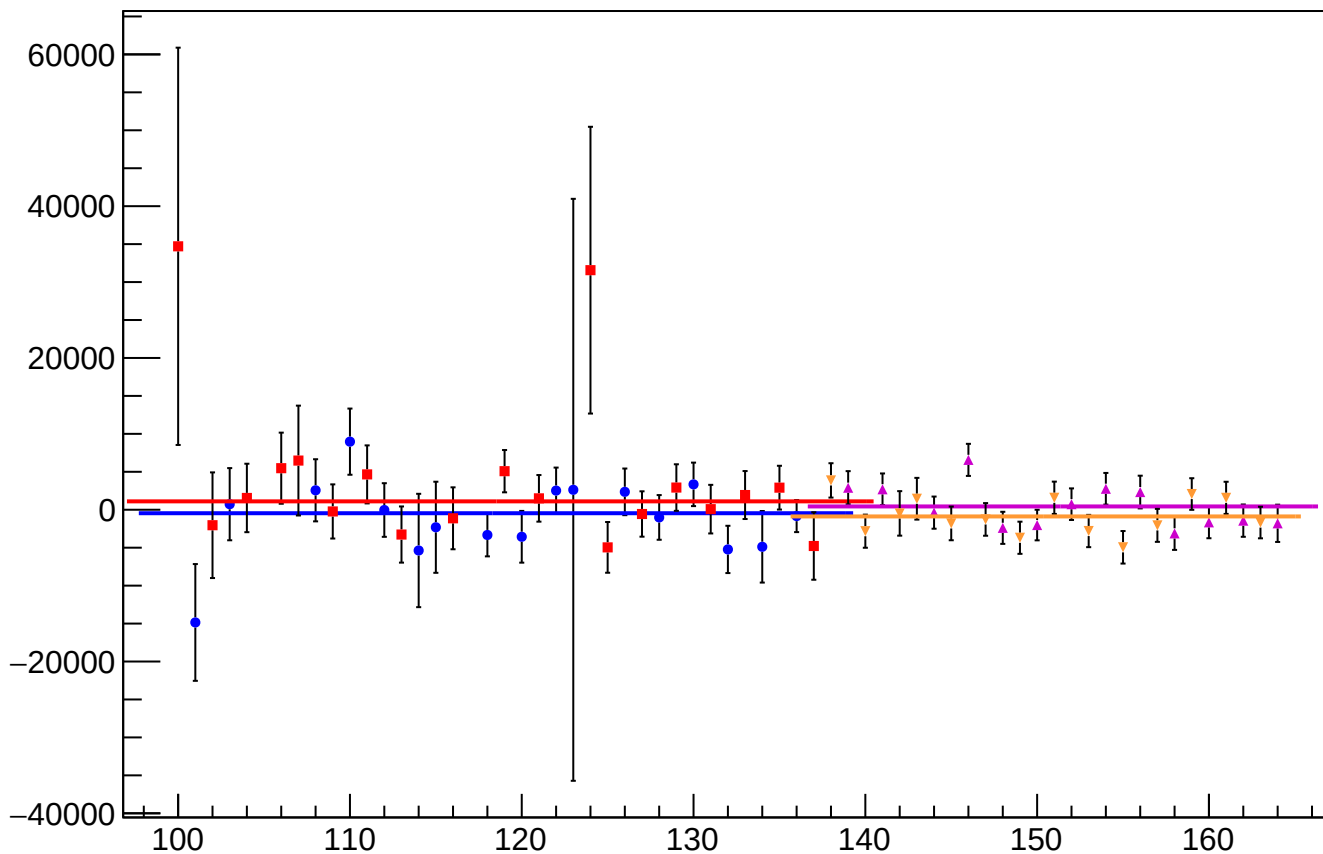
Left In: 453.746+/-0.100 χ^2/NDF : 168232.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.018+/-0.071 χ^2/NDF : 544381.7/26

- 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: -882.045 ± 592.099 χ^2/NDF : 17.4/13

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

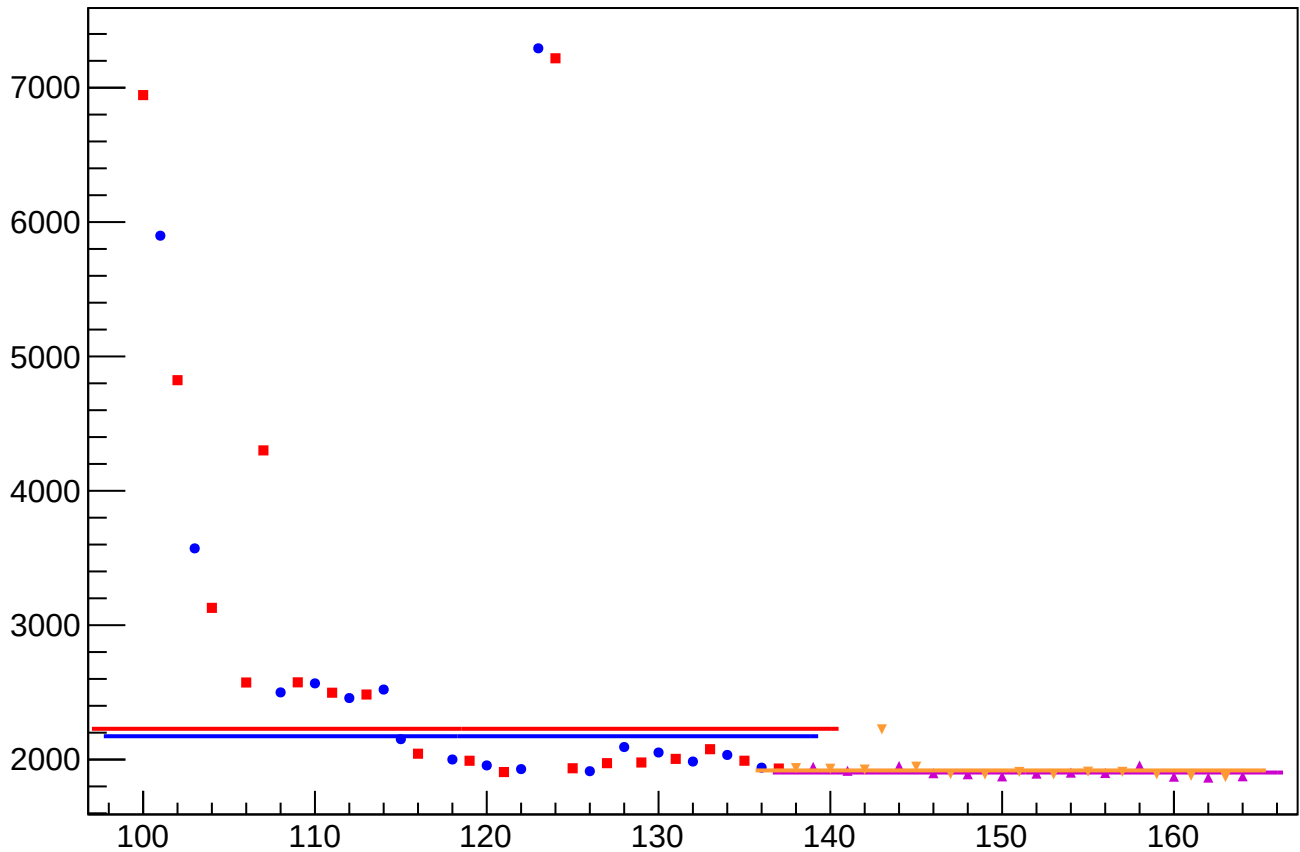
Left In: 434.878 ± 591.536 χ^2/NDF : 21.6/12

+ sign -746.882 ± 488.623 χ^2/NDF : 35.7/30

All: -49.771 ± 345.524 χ^2/NDF : 78.6/62

- sign 647.464 ± 488.667 χ^2/NDF : 38.9/31

asym_at1_dd_rms vs Slug



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

Left Out: 1919.042+/-0.419 χ^2/NDF : 28691.9/13

+ sign 2000.218+/-0.346 χ^2/NDF : 951903.9/30

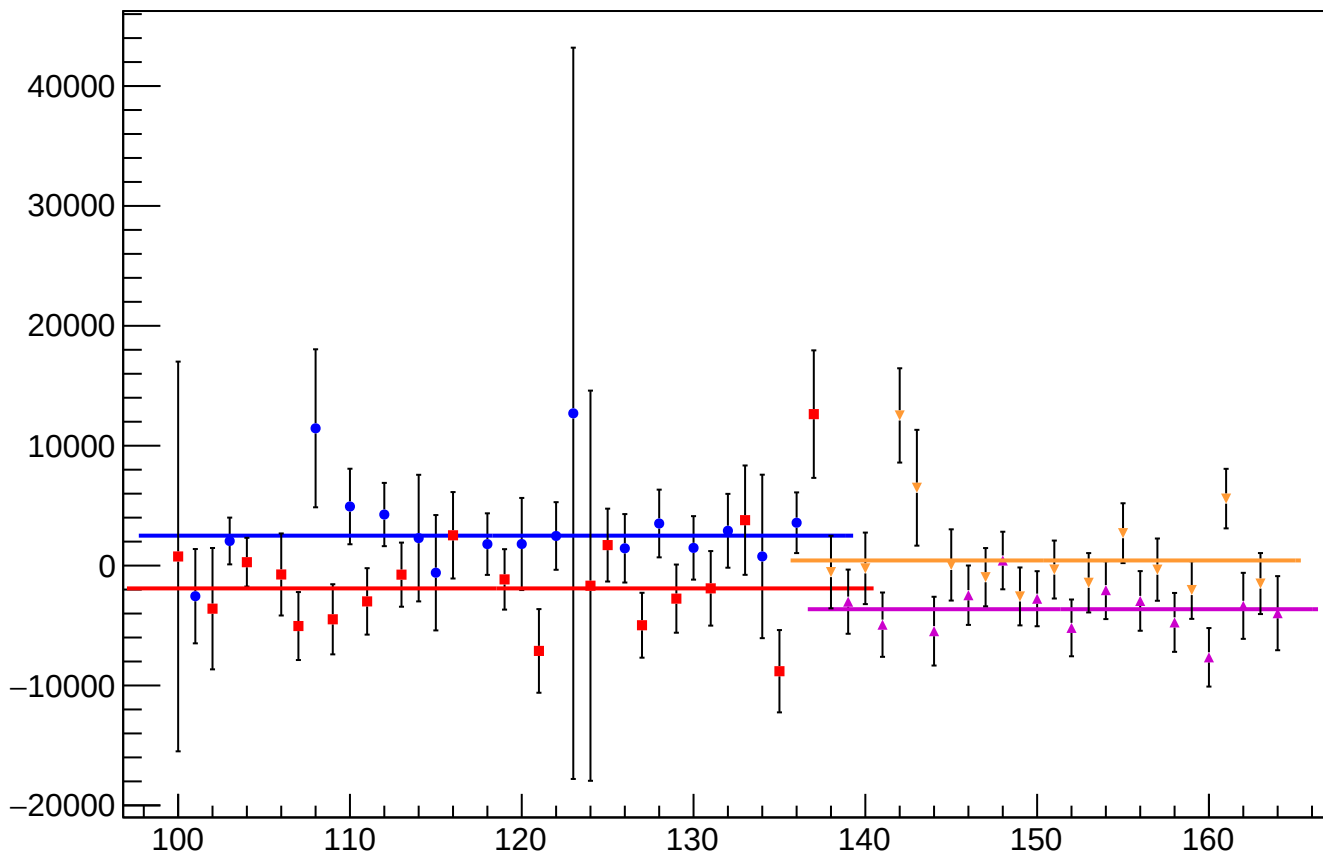
Right Out: 2228.892+/-0.613 χ^2/NDF : 895863.4/18

All: 2003.487+/-0.244 χ^2/NDF : 2045129.8/62

- sign 2006.756+/-0.346 χ^2/NDF : 1093046.9/31

Left In: 1903.388+/-0.418 χ^2/NDF : 4869.0/12

dit_asym_at2_avg_mean vs Slug



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

Left Out: 428.565 ± 722.535 χ^2/NDF : 20.6/13

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

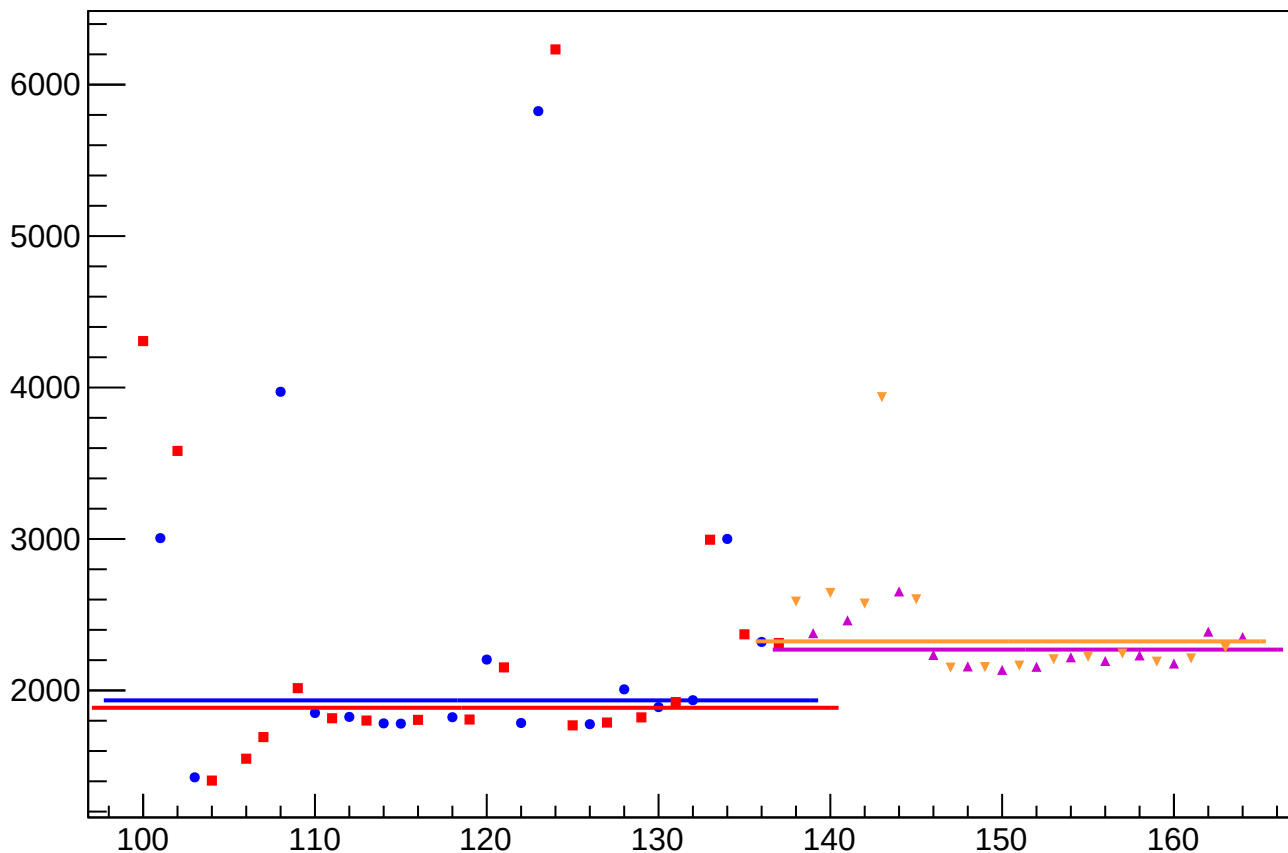
Left In: -3638.414 ± 705.771 χ^2/NDF : 7.8/12

+ sign 1399.171 ± 526.344 χ^2/NDF : 30.3/30

All: -772.105 ± 366.144 χ^2/NDF : 97.5/62

- sign -2807.995 ± 509.670 χ^2/NDF : 34.1/31

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2323.969 ± 0.511 χ^2/NDF : 335877.2/13

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

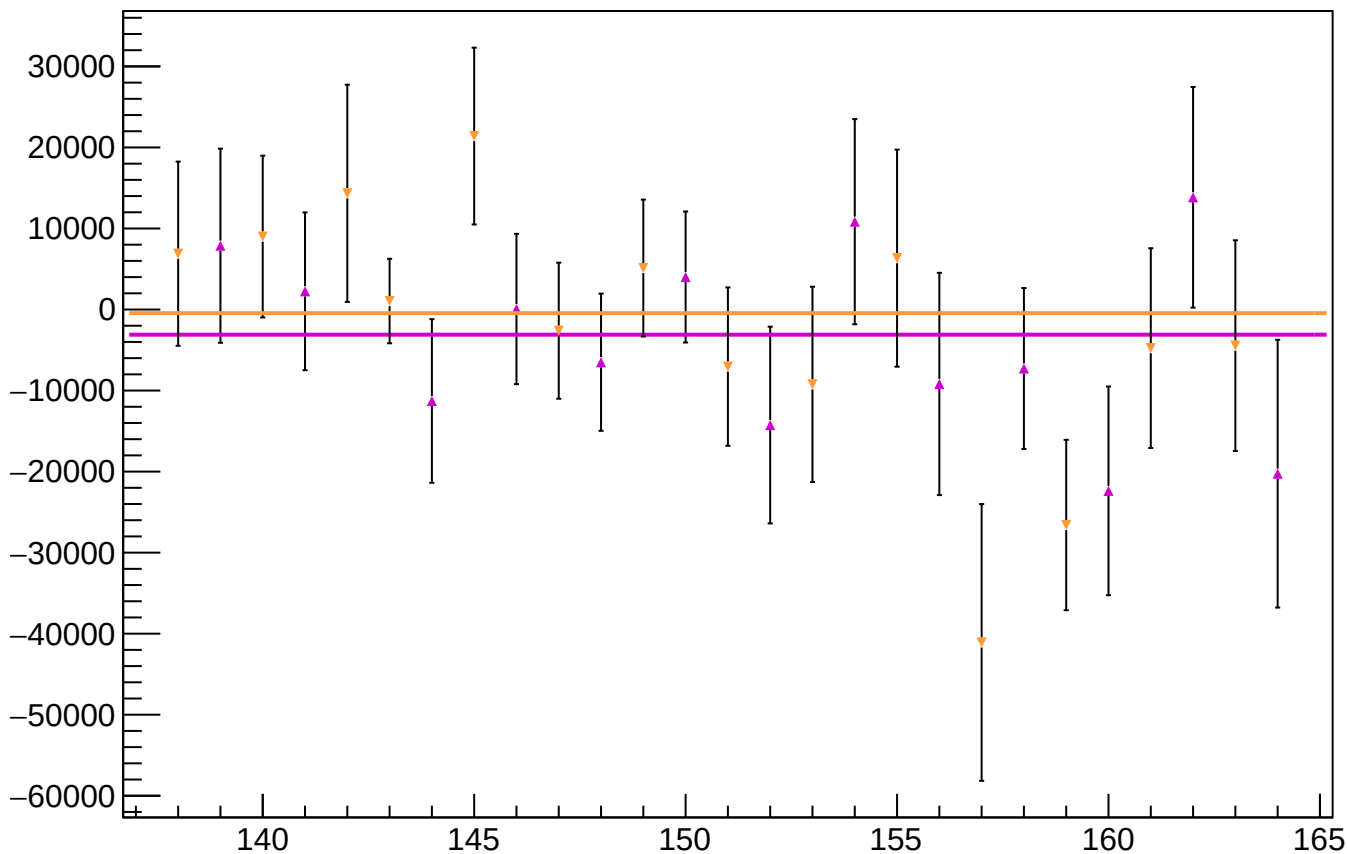
Left In: 2269.613 ± 0.499 χ^2/NDF : 76826.4/12

+ sign 2141.132 ± 0.372 χ^2/NDF : 1247666.6/30

All: 2112.573 ± 0.259 χ^2/NDF : 2371447.6/62

- sign 2085.800 ± 0.360 χ^2/NDF : 1112373.1/31

asym_at2_avg_correction_mean vs Slug



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

Left Out: -446.932+/-2629.004 χ^2/NDF :20.4/13

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

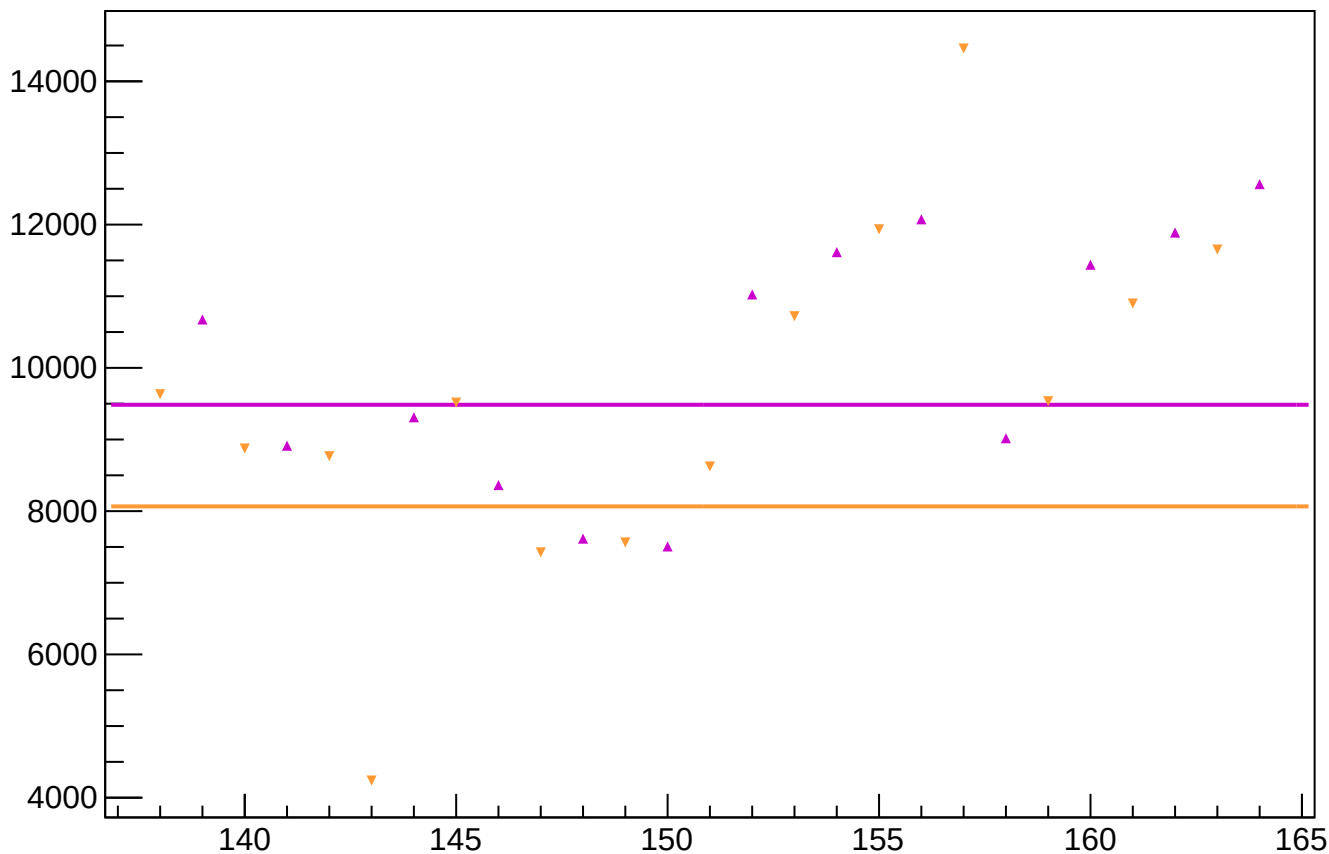
Left In: -3103.482+/-2991.019 χ^2/NDF :10.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1604.792+/-1974.641 χ^2/NDF : 31.0/26

- 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: 8066.362+/-1.859 χ^2/NDF : 2035943.3/13

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

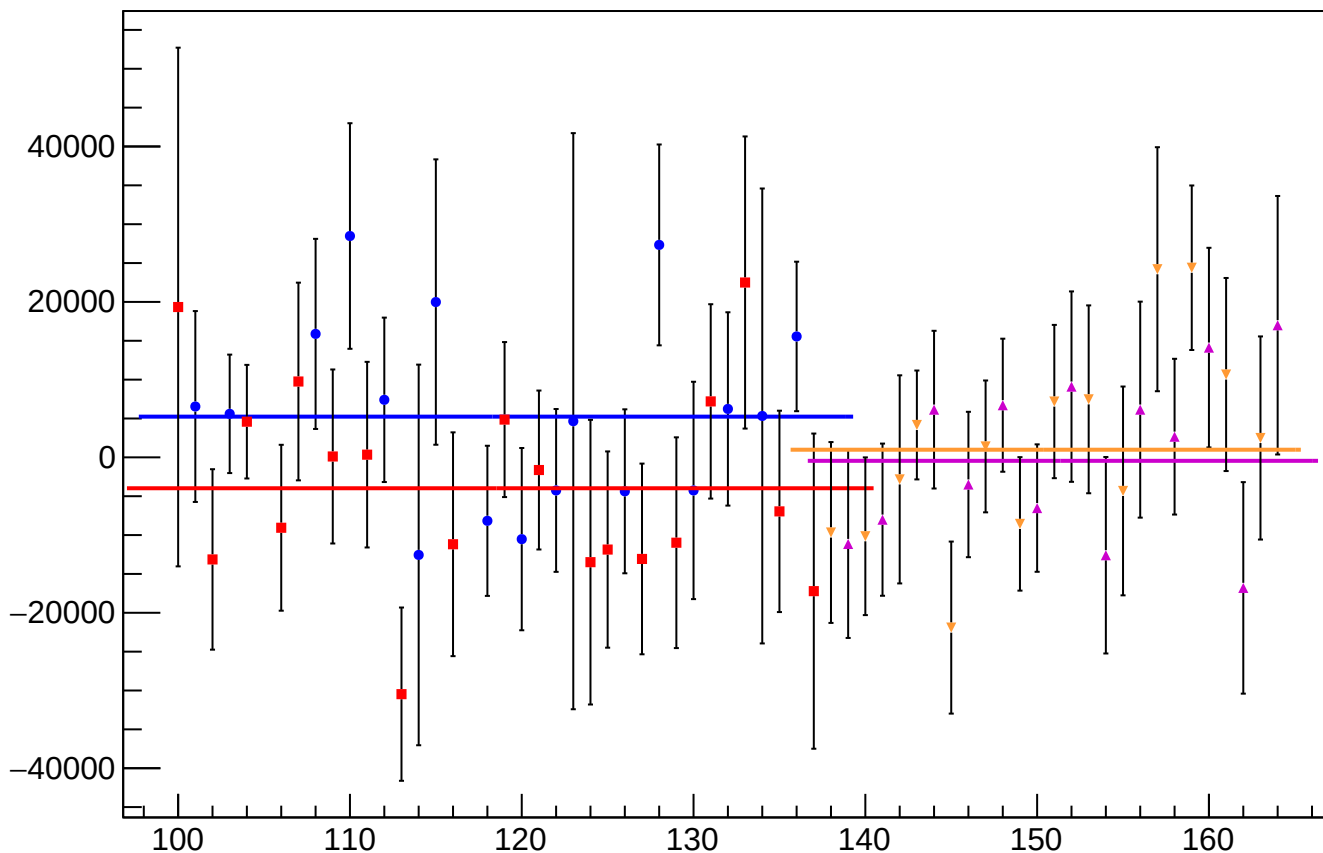
Left In: 9484.727+/-2.115 χ^2/NDF : 616200.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8684.558+/-1.396 χ^2/NDF : 2905868.2/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



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

Left Out: 982.652 ± 2809.890 χ^2/NDF : 16.4/13

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

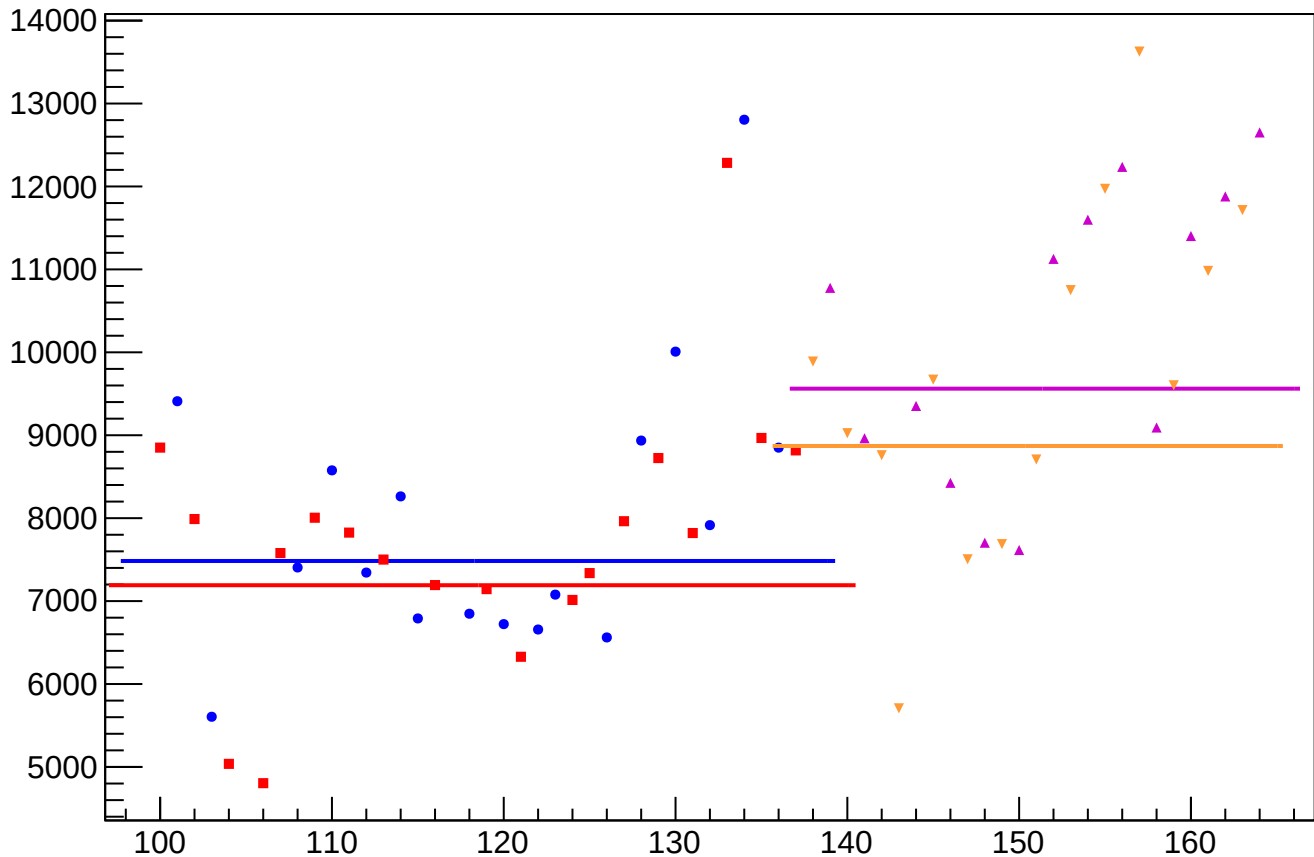
Left In: -446.863 ± 3014.152 χ^2/NDF : 8.8/12

+ sign 3009.901 ± 2033.362 χ^2/NDF : 32.0/30

All: 350.071 ± 1442.832 χ^2/NDF : 60.6/62

- sign -2347.289 ± 2047.657 χ^2/NDF : 25.2/31

asym_at2_avg_rms vs Slug



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

Left Out: 8870.425+/-1.987 χ^2/NDF : 1025118.2/13

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

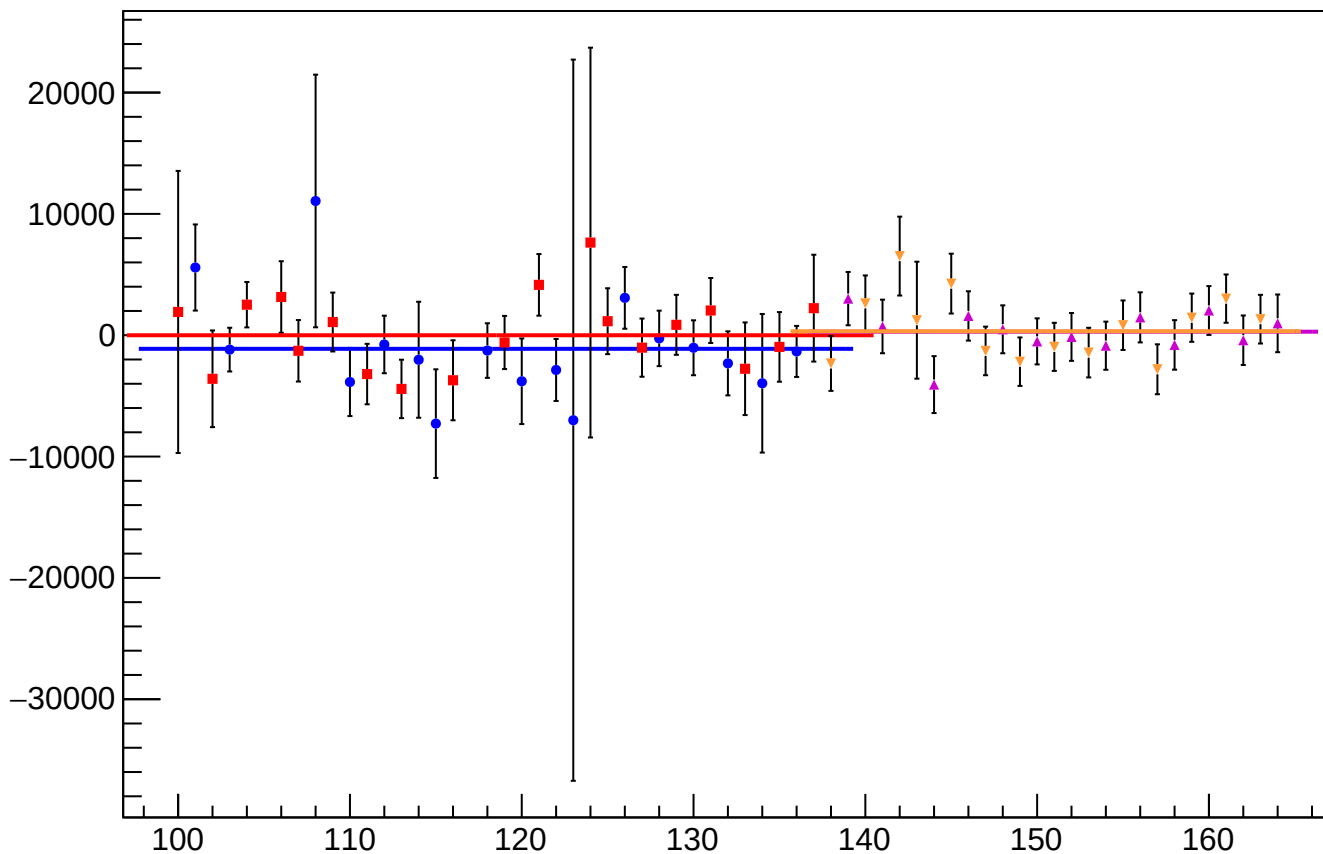
Left In: 9561.702+/-2.131 χ^2/NDF : 595962.8/12

+ sign 8209.898+/-1.438 χ^2/NDF : 1688933.9/30

All: 8247.288+/-1.020 χ^2/NDF : 3511073.9/62

- sign 8285.202+/-1.448 χ^2/NDF : 1820777.9/31

dit_asym_at2_dd_mean vs Slug



Right In: -1120.496 $\pm$ 679.161 χ^2 /NDF: 12.3/16

Left Out: 325.664 $\pm$ 586.206 χ^2 /NDF: 16.7/13

Right Out: -2.515 $\pm$ 639.678 χ^2 /NDF: 15.5/18

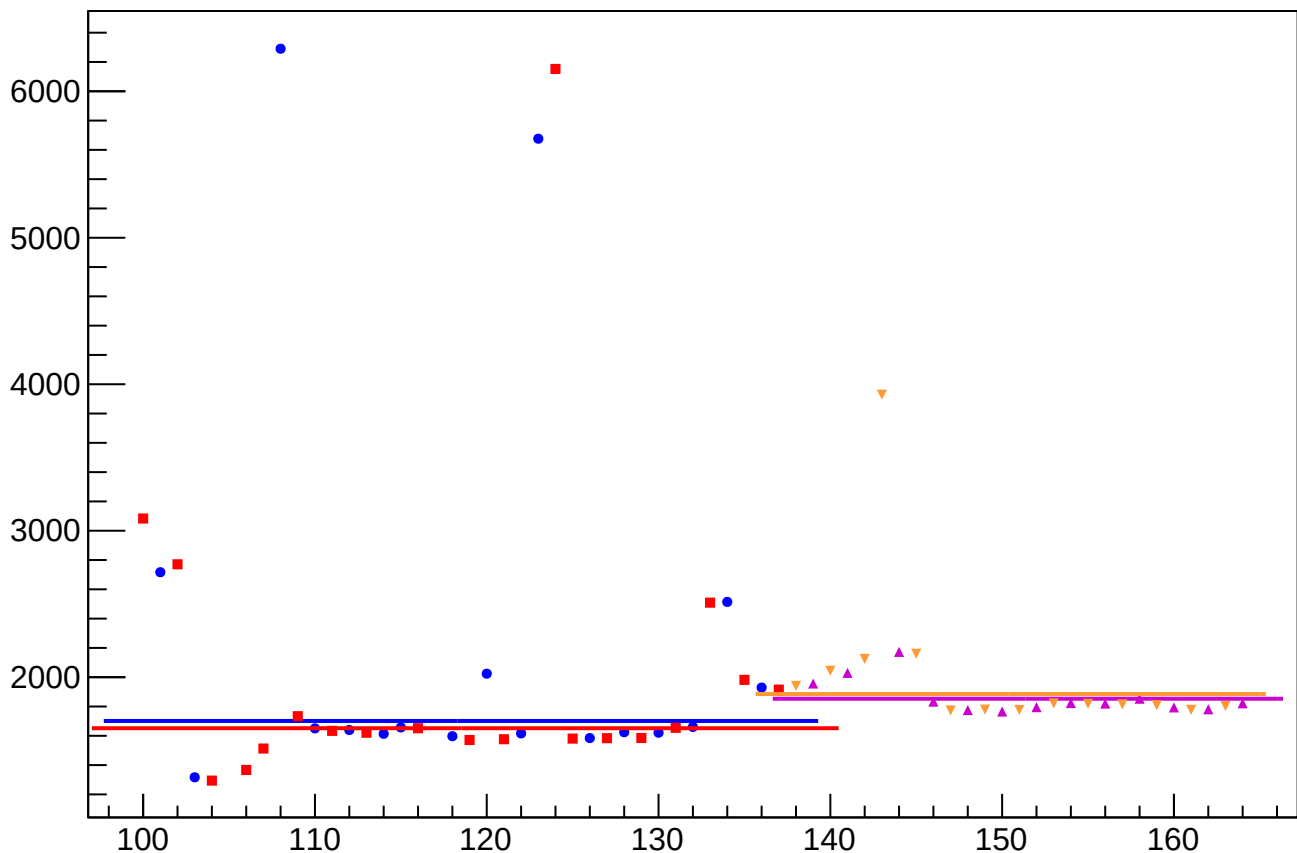
Left In: 290.473 $\pm$ 575.484 χ^2 /NDF: 7.6/12

+ sign -291.750 $\pm$ 443.765 χ^2 /NDF: 31.6/30

All: -57.922 $\pm$ 308.001 χ^2 /NDF: 55.3/62

- sign 159.414 $\pm$ 427.829 χ^2 /NDF: 23.2/31

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1885.022 ± 0.415 χ^2/NDF : 442361.1/13

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

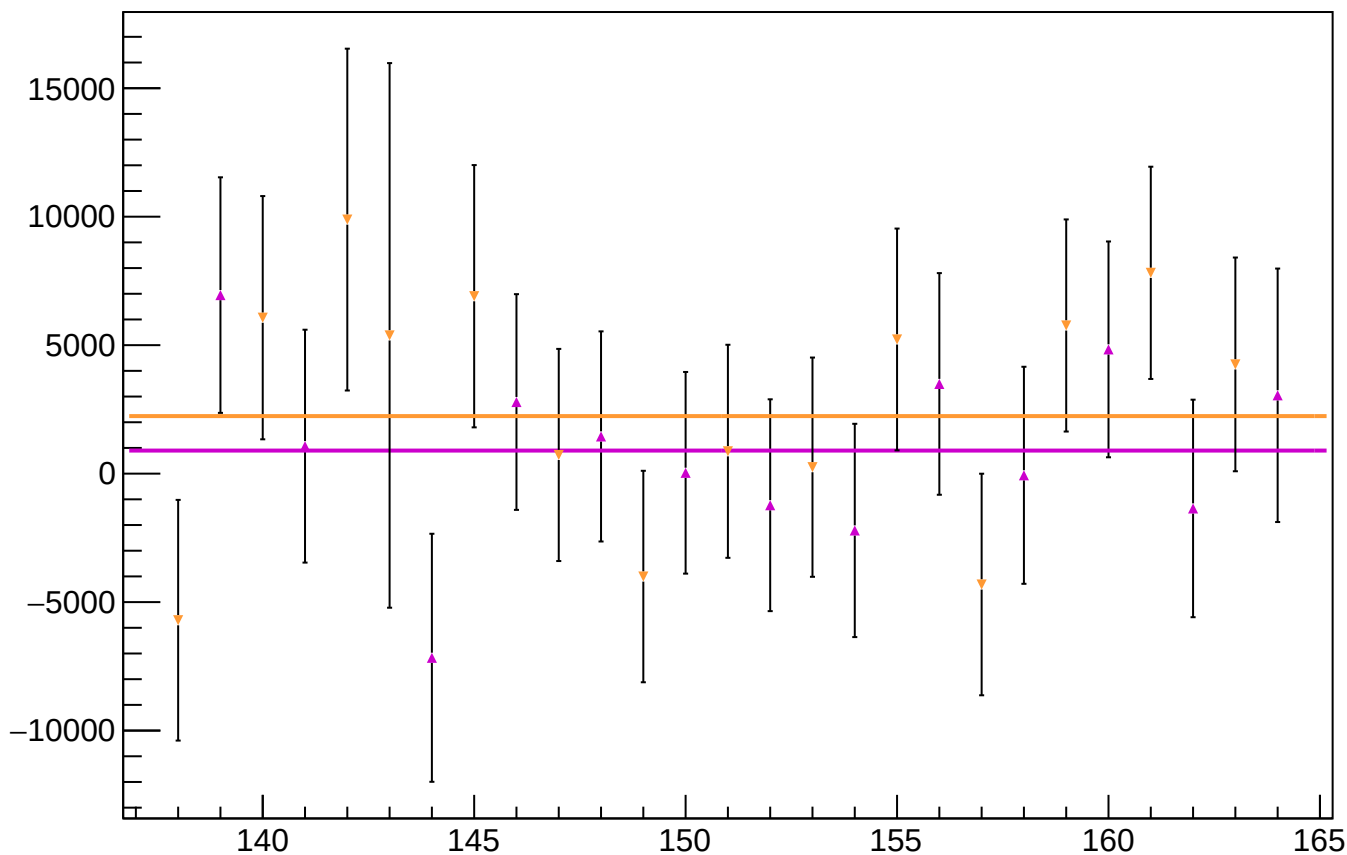
Left In: 1853.019 ± 0.407 χ^2/NDF : 69108.0/12

+ sign 1806.578 ± 0.314 χ^2/NDF : 1304967.2/30

All: 1783.982 ± 0.218 χ^2/NDF : 2082369.8/62

- sign 1762.980 ± 0.303 χ^2/NDF : 767397.8/31

asym_at2_dd_correction_mean vs Slug



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

Left Out: 2239.163+/-1218.469 χ^2/NDF :14.1/13

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

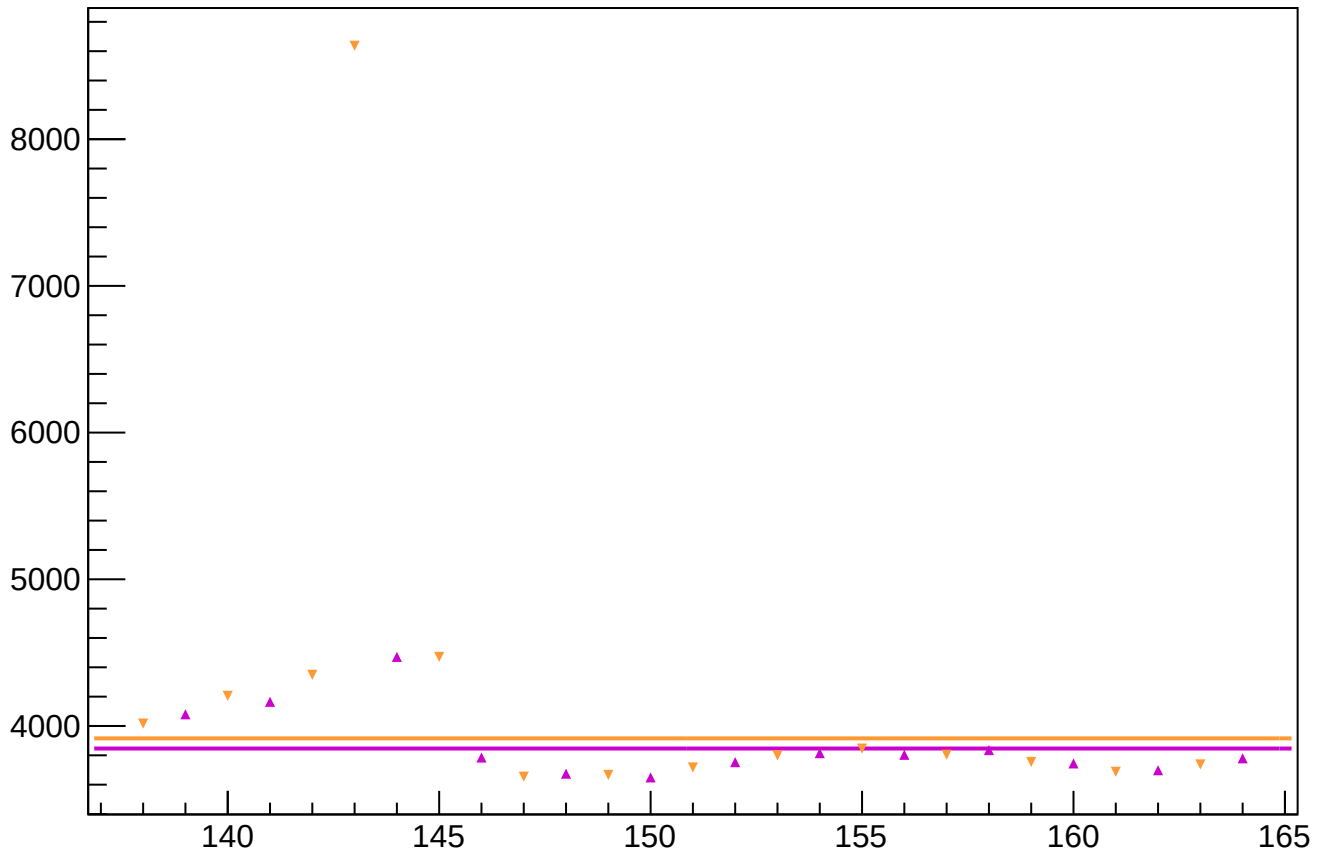
Left In: 897.512+/-1194.351 χ^2/NDF :7.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1554.928+/-852.933 χ^2/NDF : 22.1/26

- 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: 3915.514+/-0.862 χ^2/NDF : 473534.7/13

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

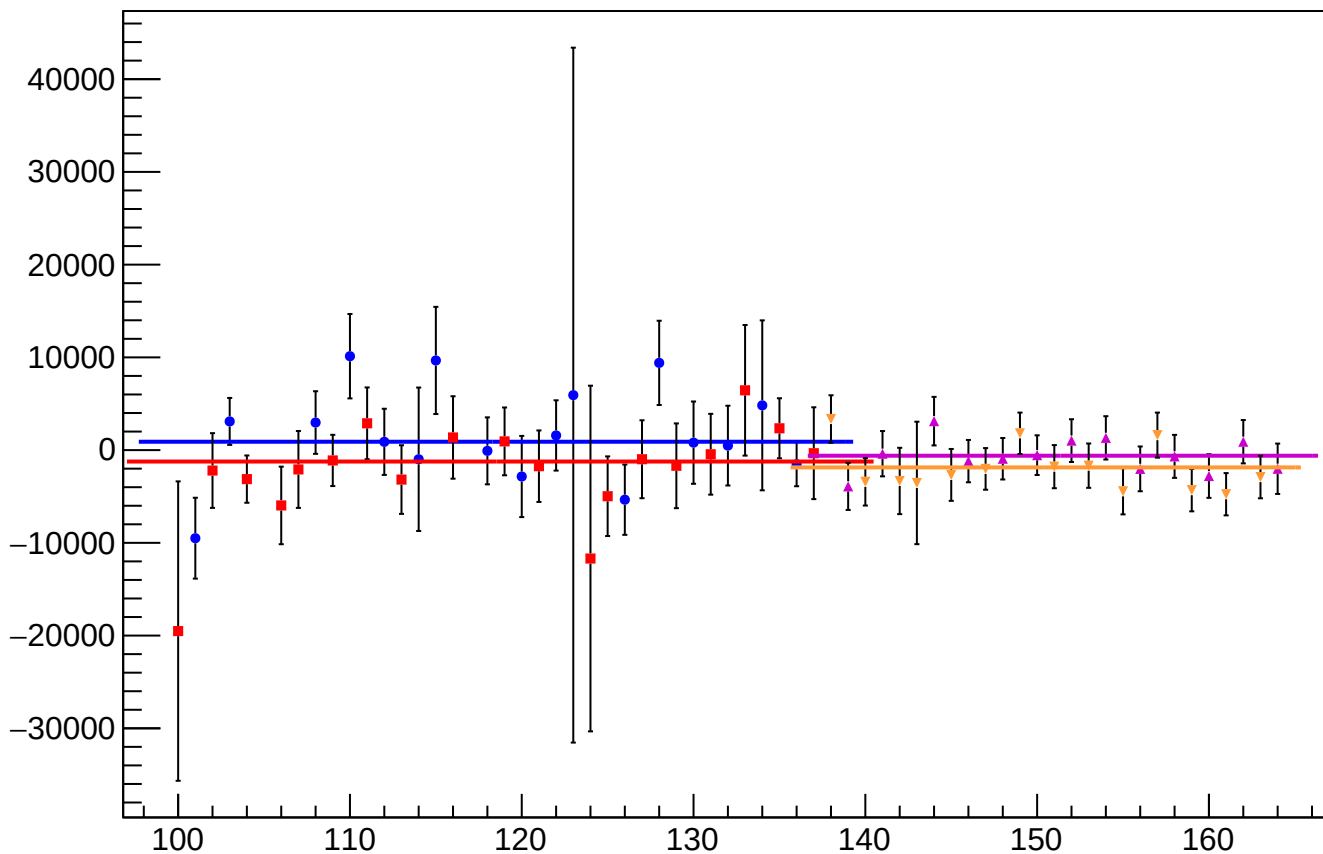
Left In: 3846.359+/-0.845 χ^2/NDF : 62832.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3880.245+/-0.603 χ^2/NDF : 539652.4/26

- 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: -1863.443 ± 674.296 χ^2/NDF : 13.7/13

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

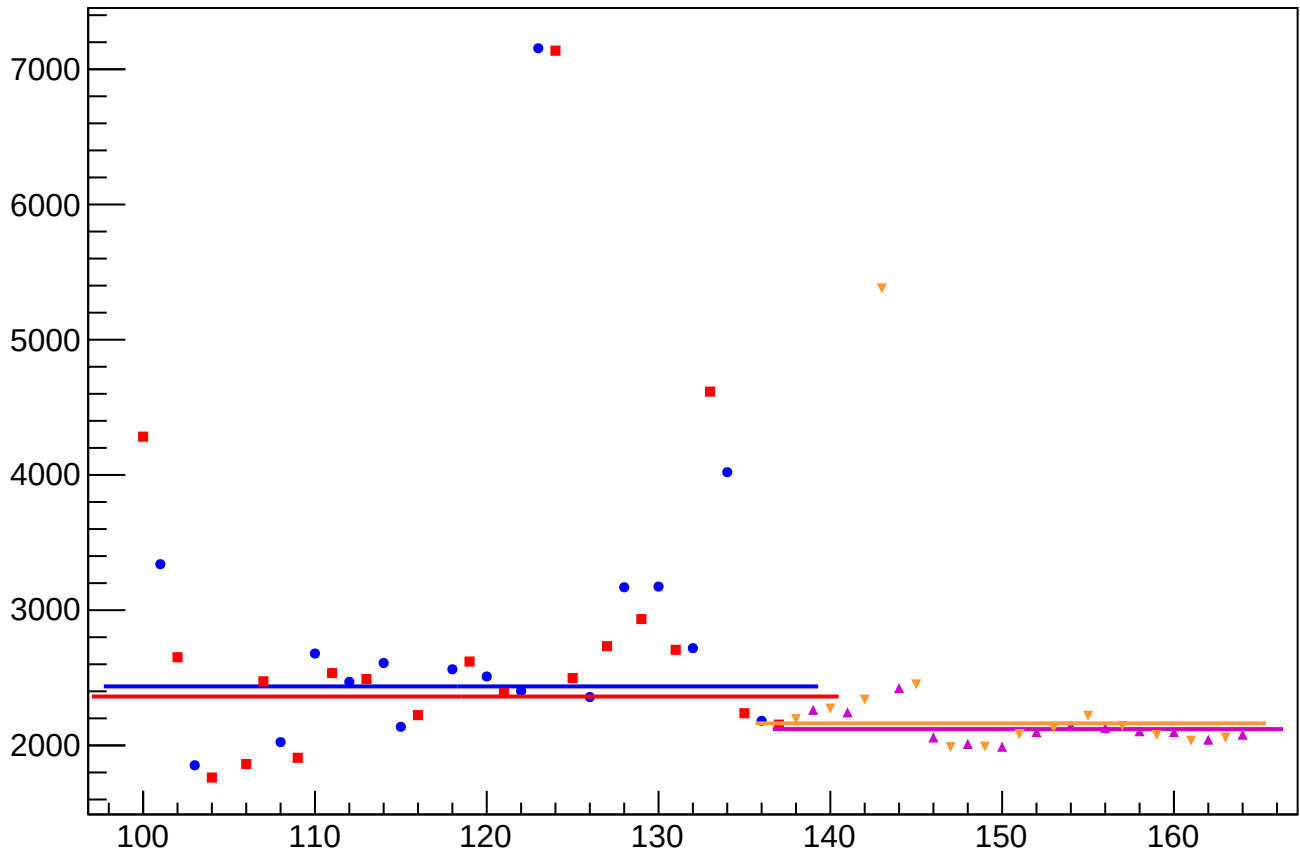
Left In: -605.176 ± 658.418 χ^2/NDF : 6.9/12

+ sign -951.855 ± 552.147 χ^2/NDF : 40.8/30

All: -881.771 ± 384.743 χ^2/NDF : 56.9/62

- sign -815.626 ± 536.412 χ^2/NDF : 16.1/31

asym_at2_dd_rms vs Slug



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

Left Out: 2163.173+/-0.477 χ^2/NDF : 545894.4/13

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

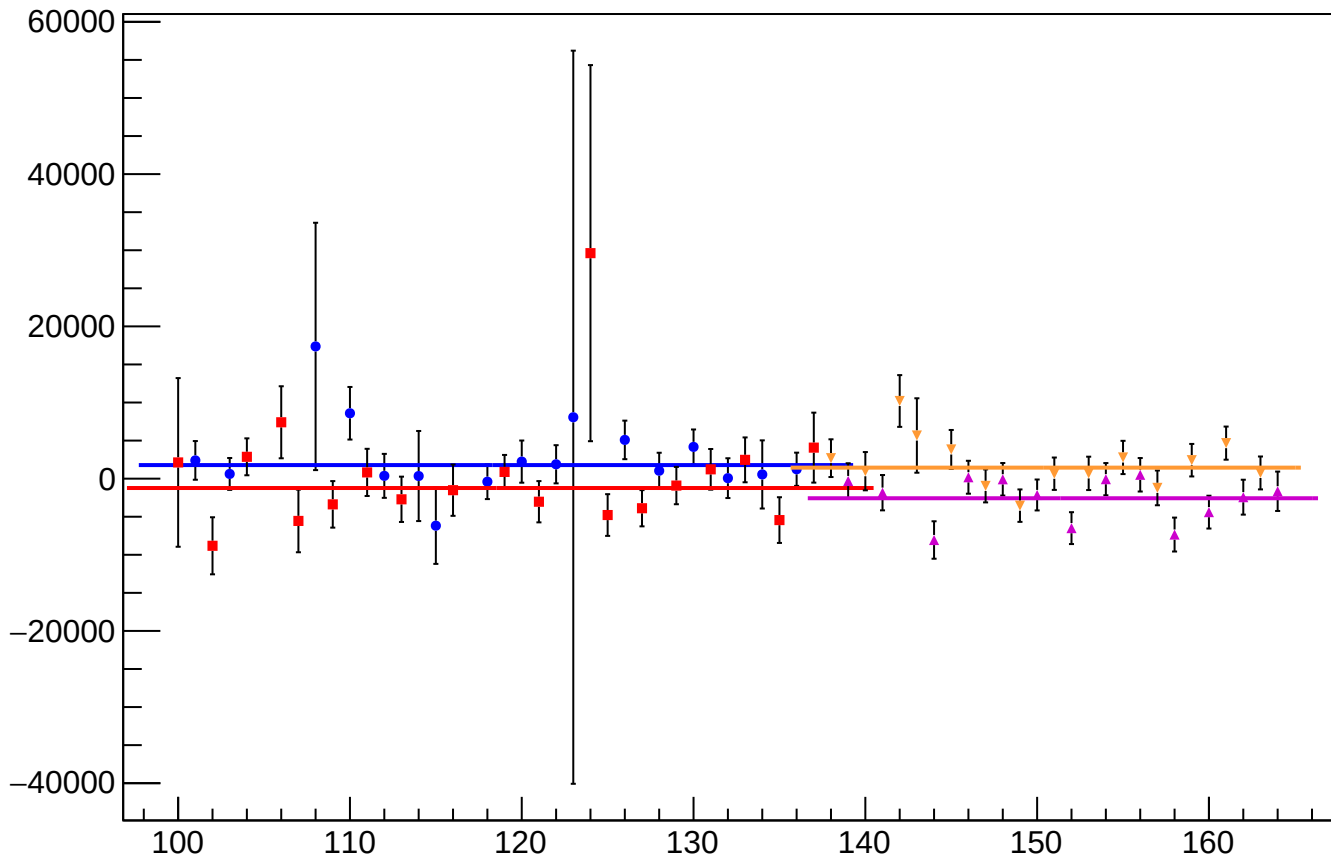
Left In: 2120.782+/-0.466 χ^2/NDF : 55428.6/12

+ sign 2253.150+/-0.390 χ^2/NDF : 1122529.4/30

All: 2226.706+/-0.272 χ^2/NDF : 1932658.7/62

- sign 2201.748+/-0.379 χ^2/NDF : 801212.2/31

dit_asym_atl_avg_mean vs Slug



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

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

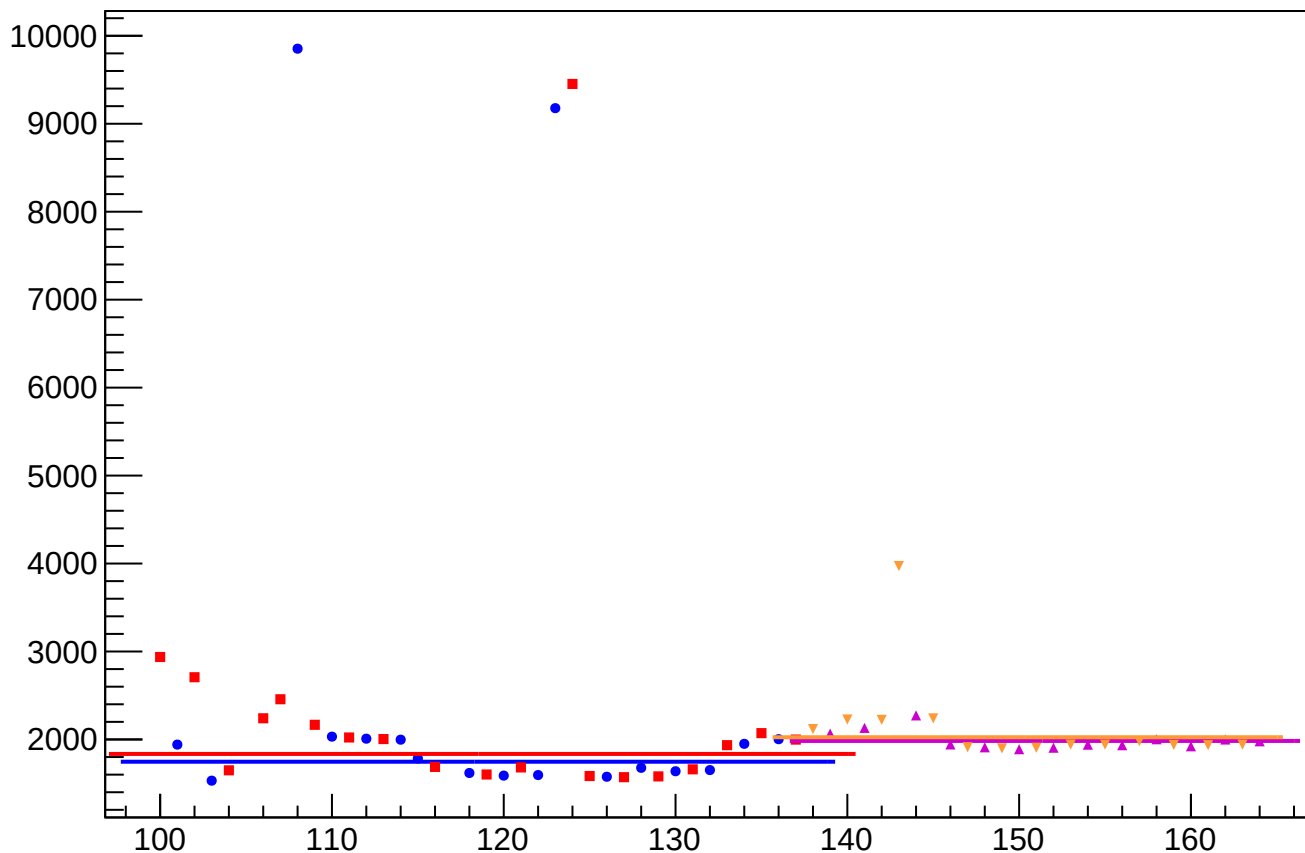
+ sign 1599.276 $\pm$ 466.981 χ^2/NDF : 32.3/30

All: -203.711 $\pm$ 329.596 χ^2/NDF : 109.6/62

- sign -1993.444 $\pm$ 465.261 χ^2/NDF : 47.6/31

Left In: -2573.844 $\pm$ 617.158 χ^2/NDF : 21.4/12

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2025.190+/-0.446 χ^2/NDF : 388800.1/13

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

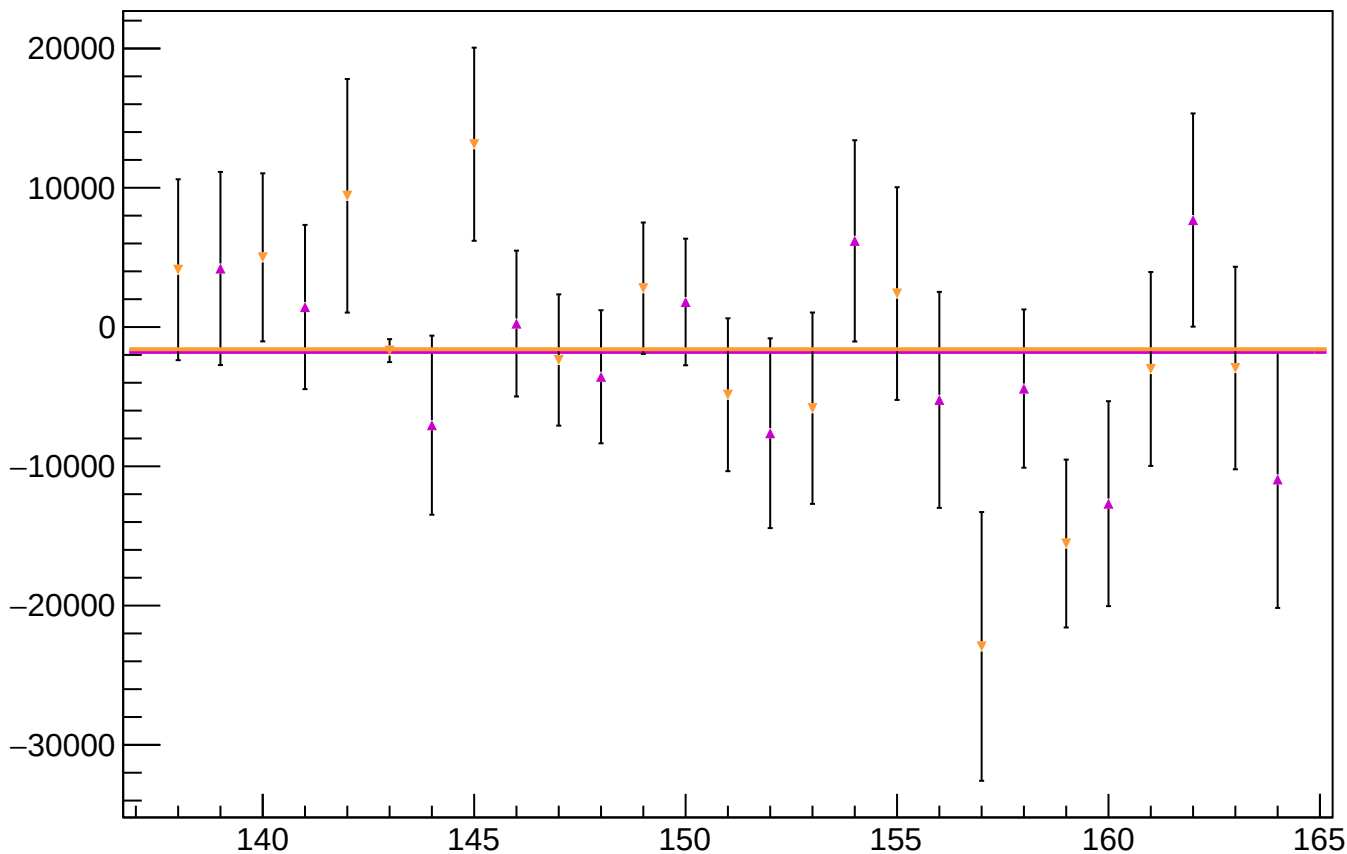
Left In: 1983.123+/-0.436 χ^2/NDF : 52224.6/12

+ sign 1899.306+/-0.330 χ^2/NDF : 1247314.7/30

All: 1909.332+/-0.233 χ^2/NDF : 1901300.8/62

- sign 1919.275+/-0.329 χ^2/NDF : 652149.8/31

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1594.457+/-745.937 χ^2/NDF :20.4/13

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

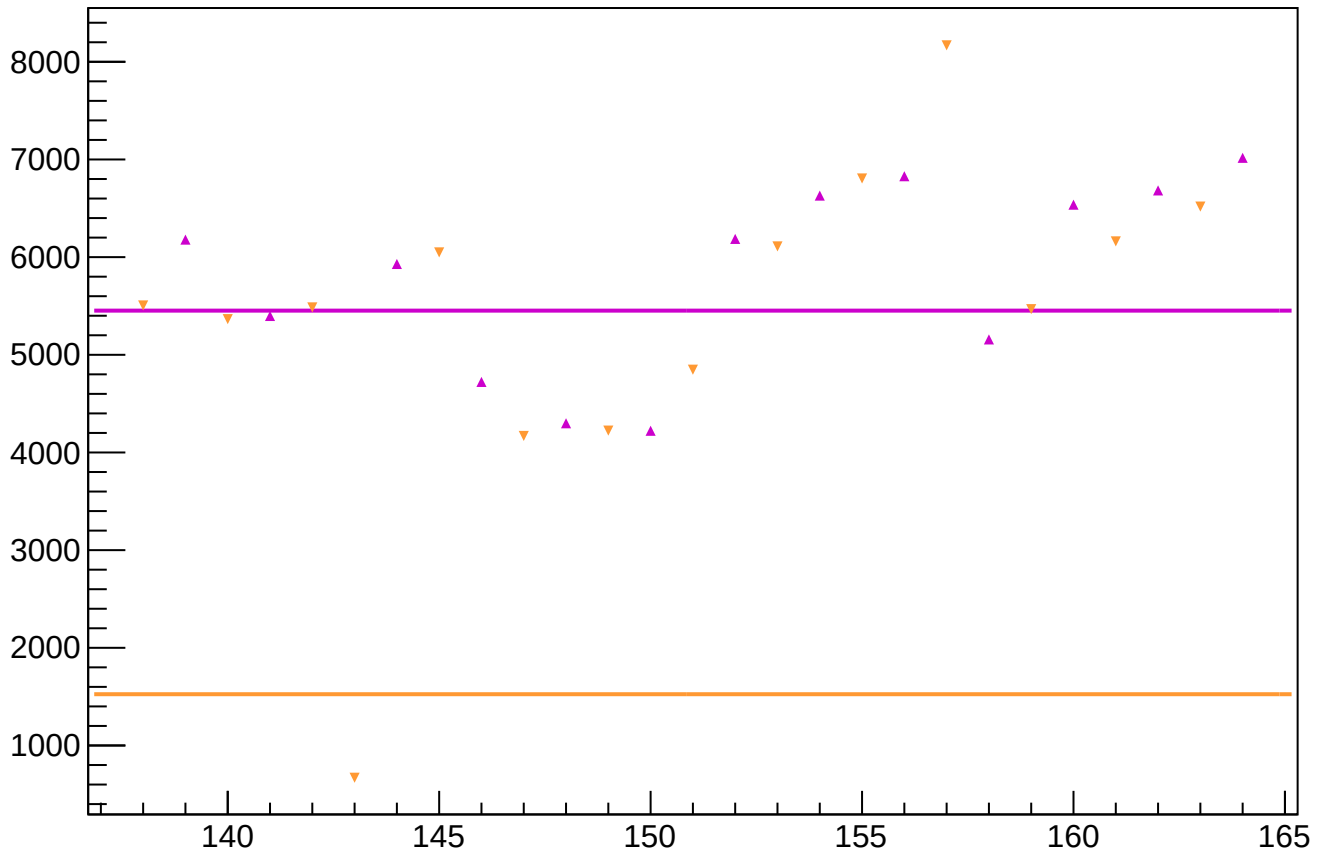
Left In: -1783.834+/-1719.955 χ^2/NDF :9.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1624.438+/-684.348 χ^2/NDF : 30.1/26

- 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: 1524.959+/-0.527 χ^2/NDF :12510704.7/13

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

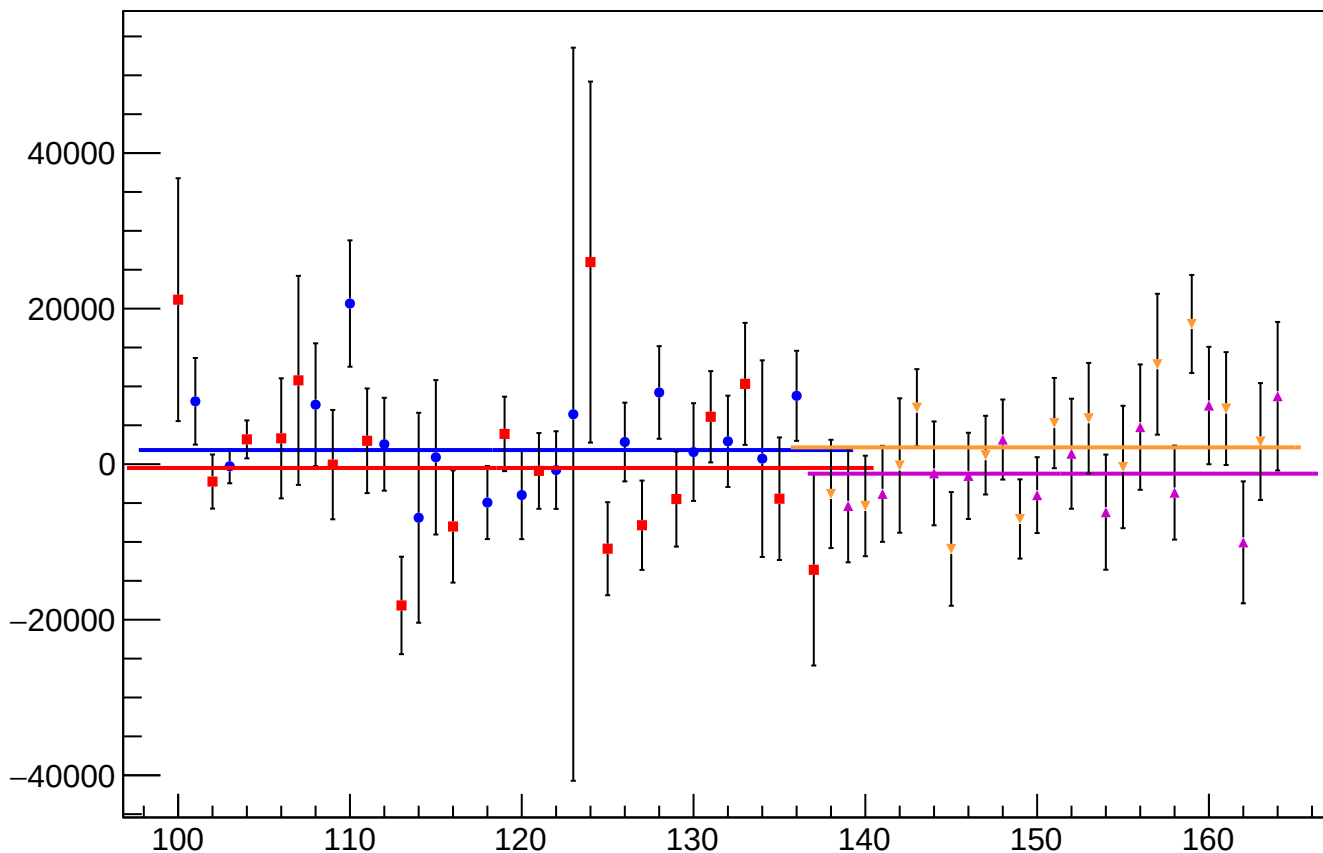
Left In: 5452.362+/-1.216 χ^2/NDF :632524.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2146.722+/-0.484 χ^2/NDF : 21920445.6/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: 2157.233+/-1728.712 χ^2/NDF : 18.6/13

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

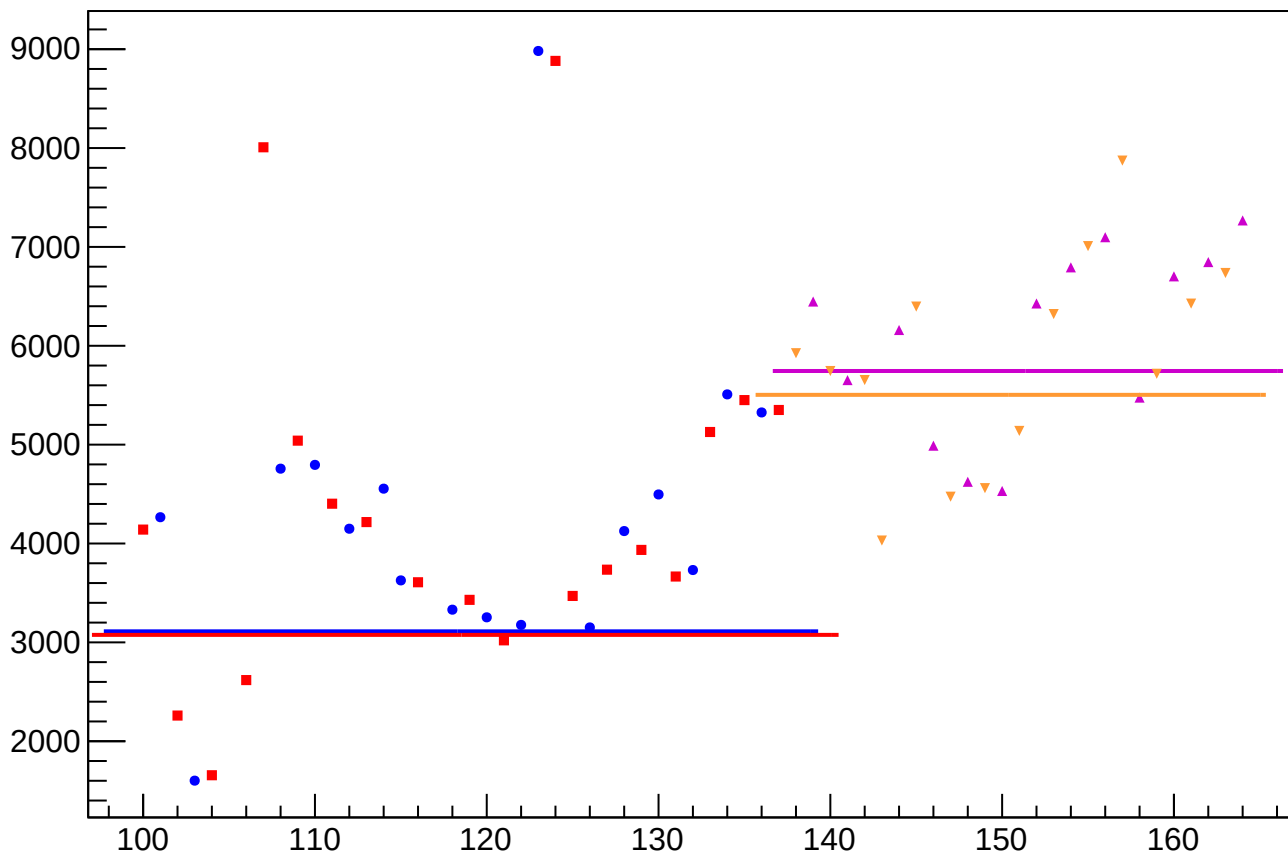
Left In: -1220.616+/-1808.284 χ^2/NDF : 6.5/12

+ sign 1938.317+/-1039.669 χ^2/NDF : 33.6/30

All: 612.712+/-738.100 χ^2/NDF : 70.0/62

- sign -734.333+/-1048.042 χ^2/NDF : 33.1/31

asym_atl_avg_rms vs Slug



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

Left Out: 5503.687+/-1.222 χ^2/NDF : 701269.9/13

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

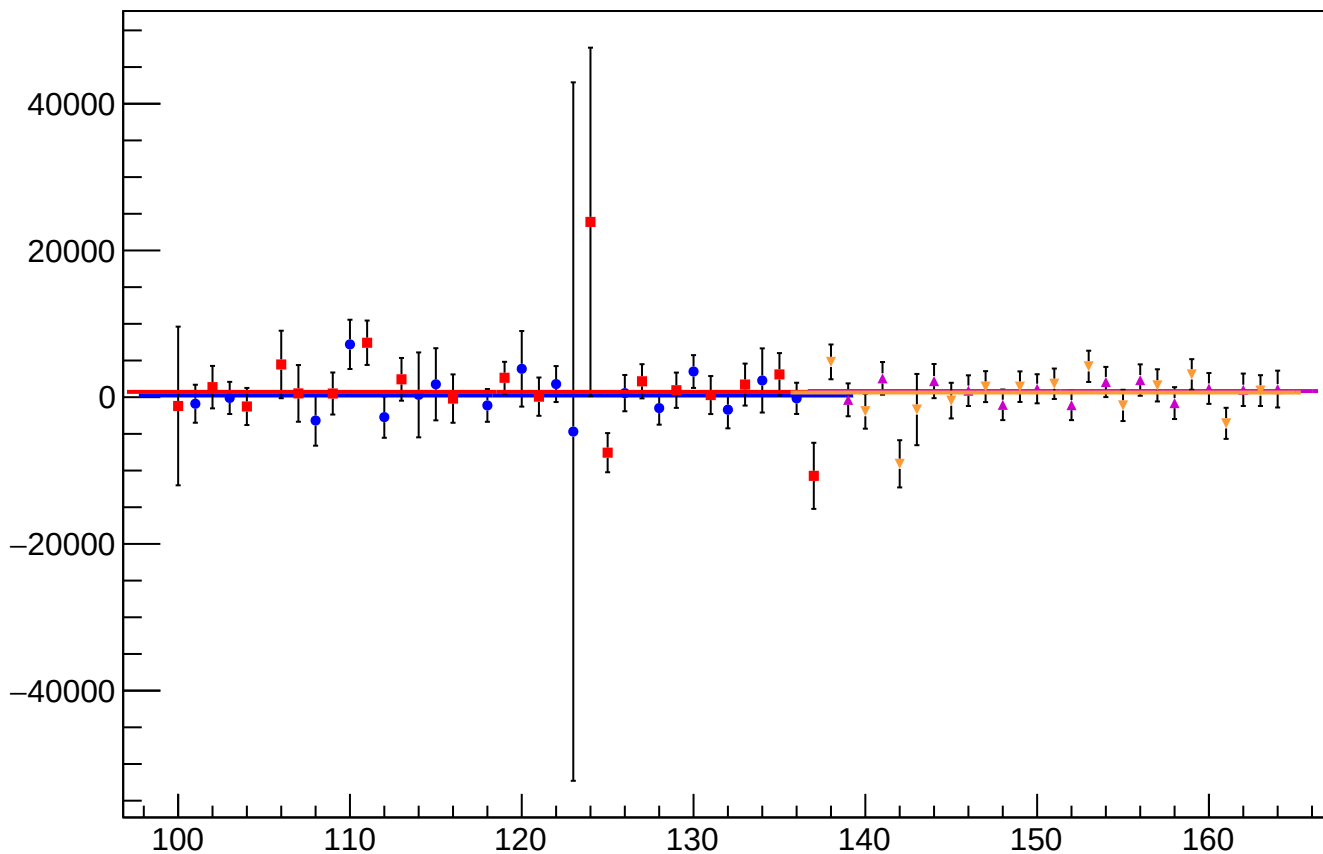
Left In: 5744.949+/-1.279 χ^2/NDF : 524265.8/12

+ sign 3976.779+/-0.735 χ^2/NDF : 5024715.2/30

All: 3965.930+/-0.519 χ^2/NDF : 10480981.0/6

- sign 3955.119+/-0.734 χ^2/NDF : 5455831.1/31

dit_asym_atl_dd_mean vs Slug



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

Left Out: 638.999+/-611.021 χ^2/NDF : 23.5/13

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

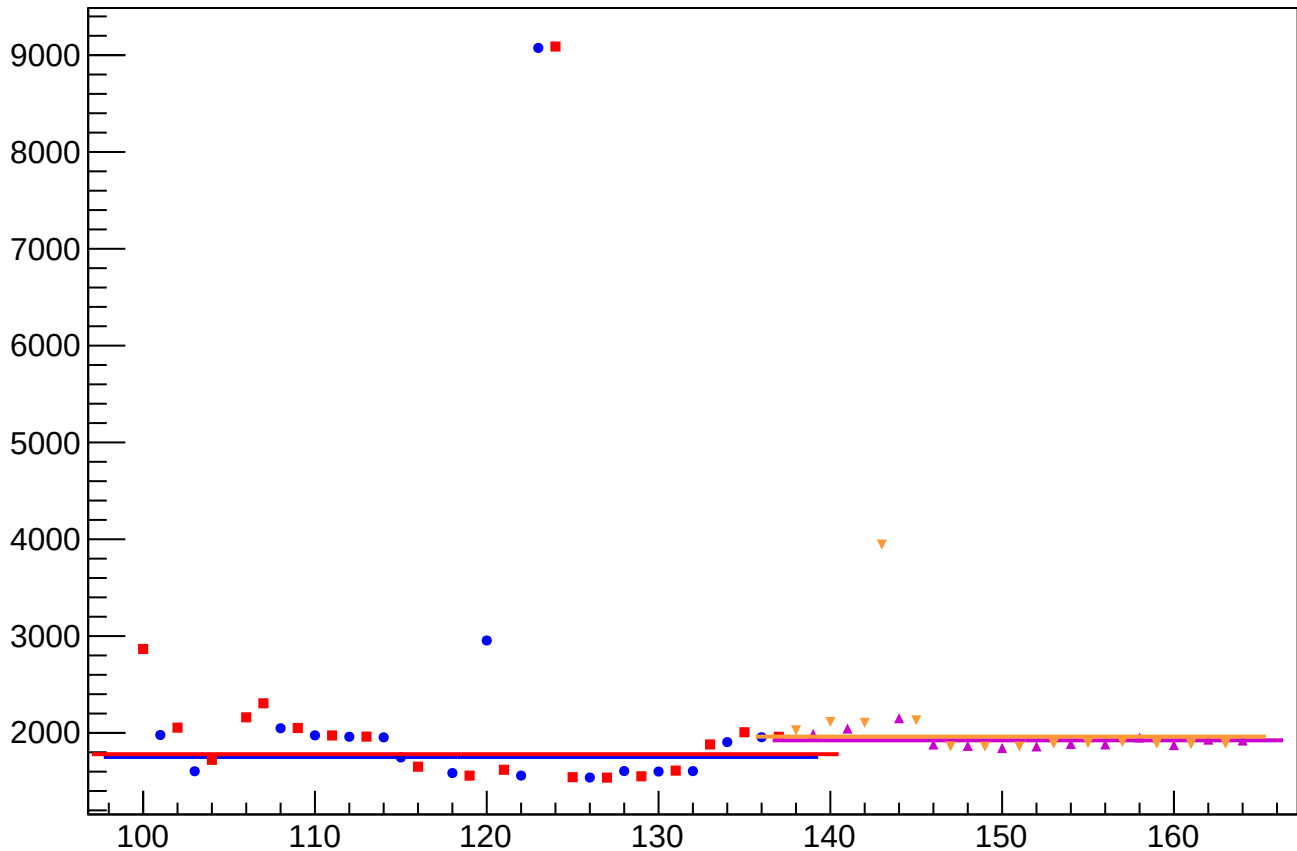
Left In: 834.129+/-598.302 χ^2/NDF : 4.4/12

+ sign 459.322+/-456.503 χ^2/NDF : 35.2/30

All: 625.547+/-320.611 χ^2/NDF : 65.7/62

- sign 787.345+/-450.383 χ^2/NDF : 30.2/31

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1961.730+/-0.432 χ^2/NDF : 384375.4/13

+ sign 1869.001+/-0.323 χ^2/NDF : 789530.0/30

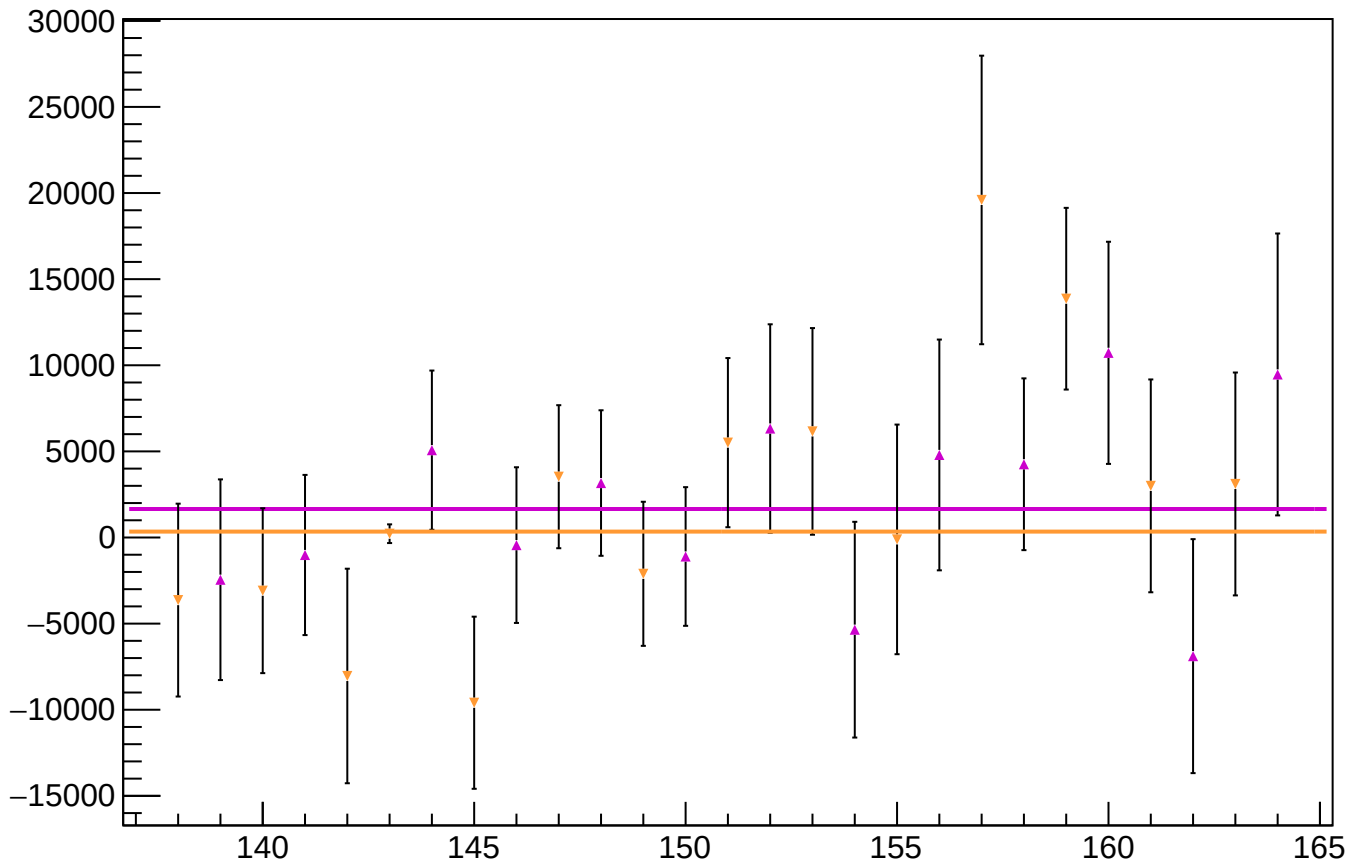
Right Out: 1780.209+/-0.483 χ^2/NDF : 428327.5/18

All: 1865.095+/-0.227 χ^2/NDF : 1305296.6/62

- sign 1861.298+/-0.318 χ^2/NDF : 515477.8/31

Left In: 1923.506+/-0.423 χ^2/NDF : 37345.0/12

asym_atl_dd_correction_mean vs Slug



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

Left Out: 342.869+/-510.239 χ^2/NDF : 22.0/13

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

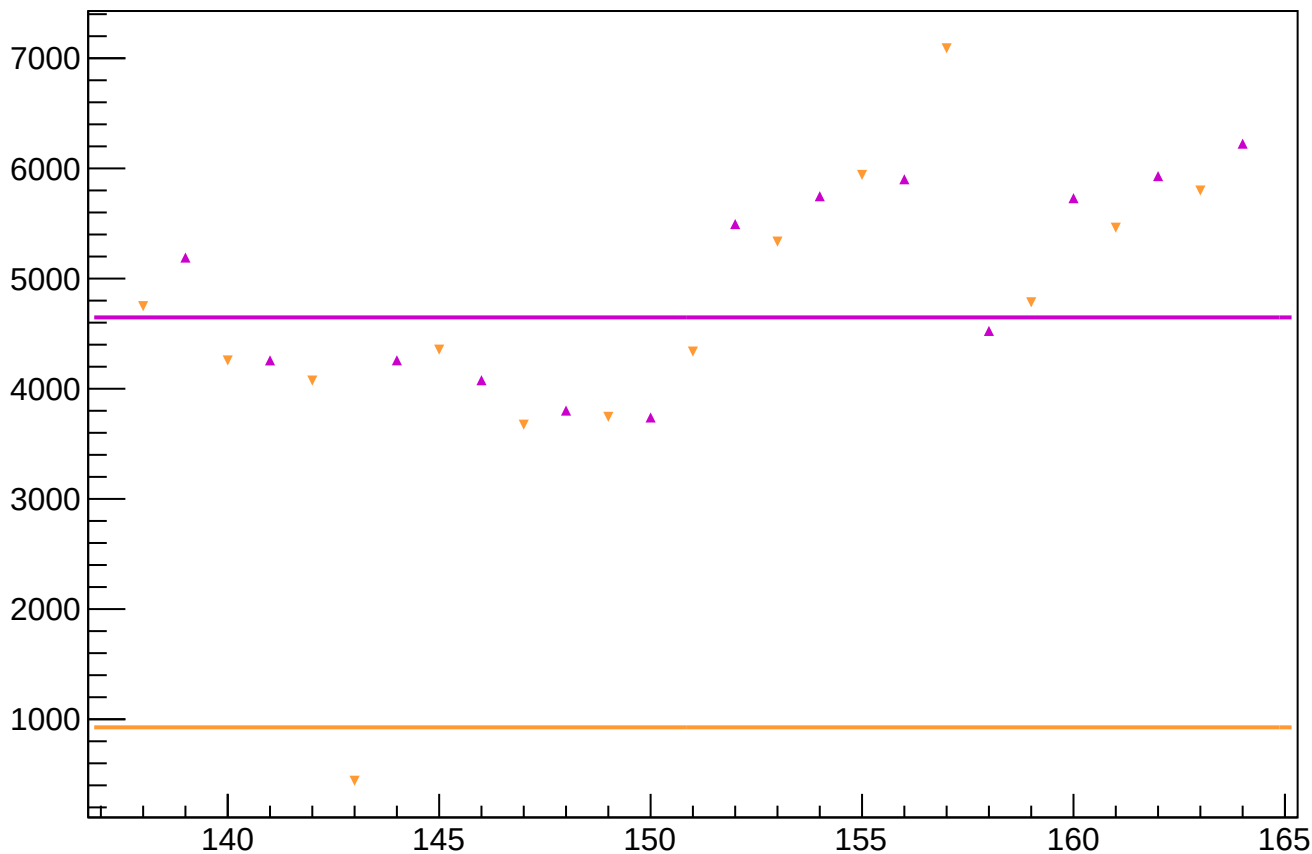
Left In: 1654.892+/-1466.219 χ^2/NDF : 9.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.594+/-481.894 χ^2/NDF : 31.7/26

- 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: 926.492+/-0.361 χ^2/NDF :14272366.1/13

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

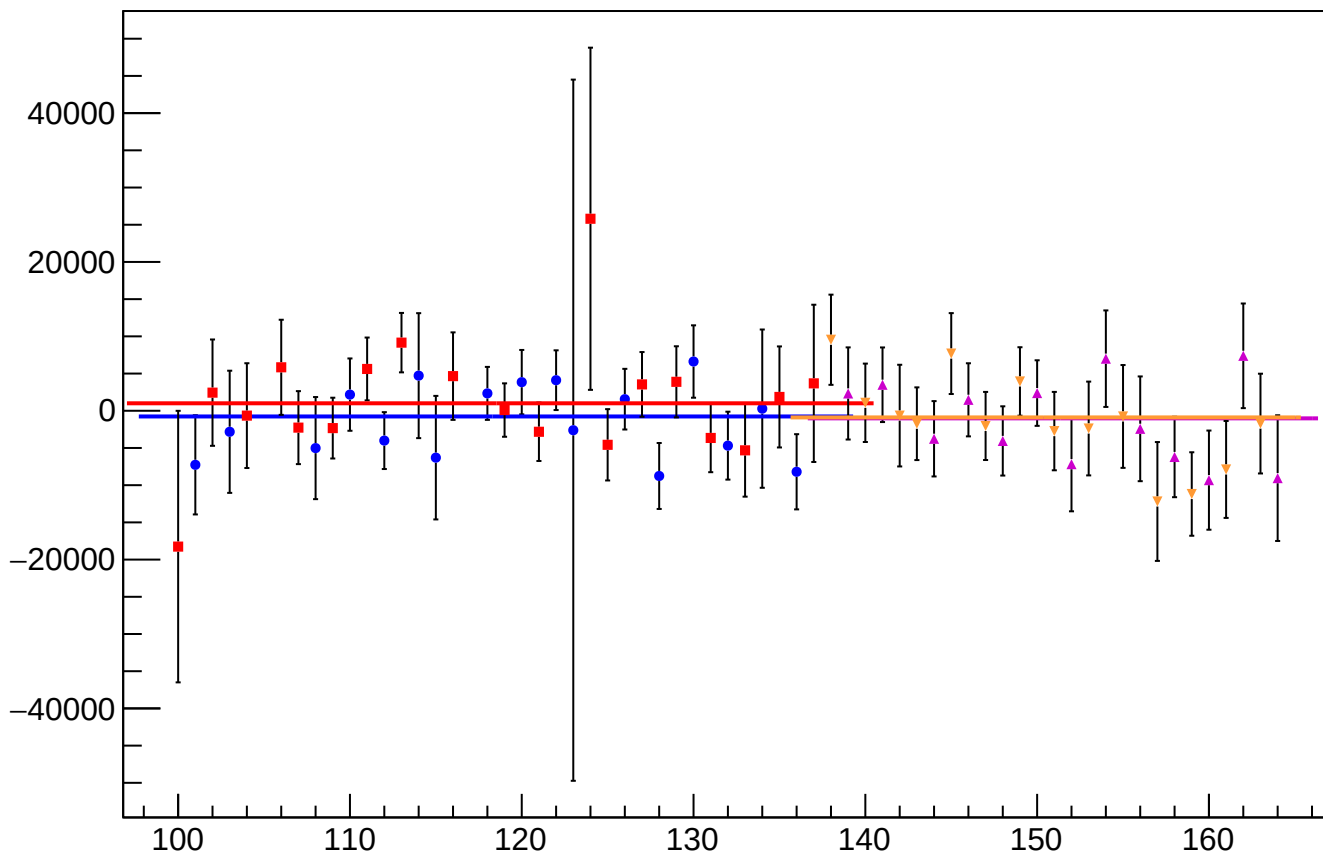
Left In: 4647.517+/-1.037 χ^2/NDF :633513.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1328.438+/-0.341 χ^2/NDF : 26395679.2/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



Right In: -765.107 $\pm$ 1247.704 χ^2 /NDF: 15.5/16

Left Out: -893.062 $\pm$ 1523.313 χ^2 /NDF:13.5/13

Right Out: 1004.792 $\pm$ 1191.116 χ^2 /NDF: 15.0/18

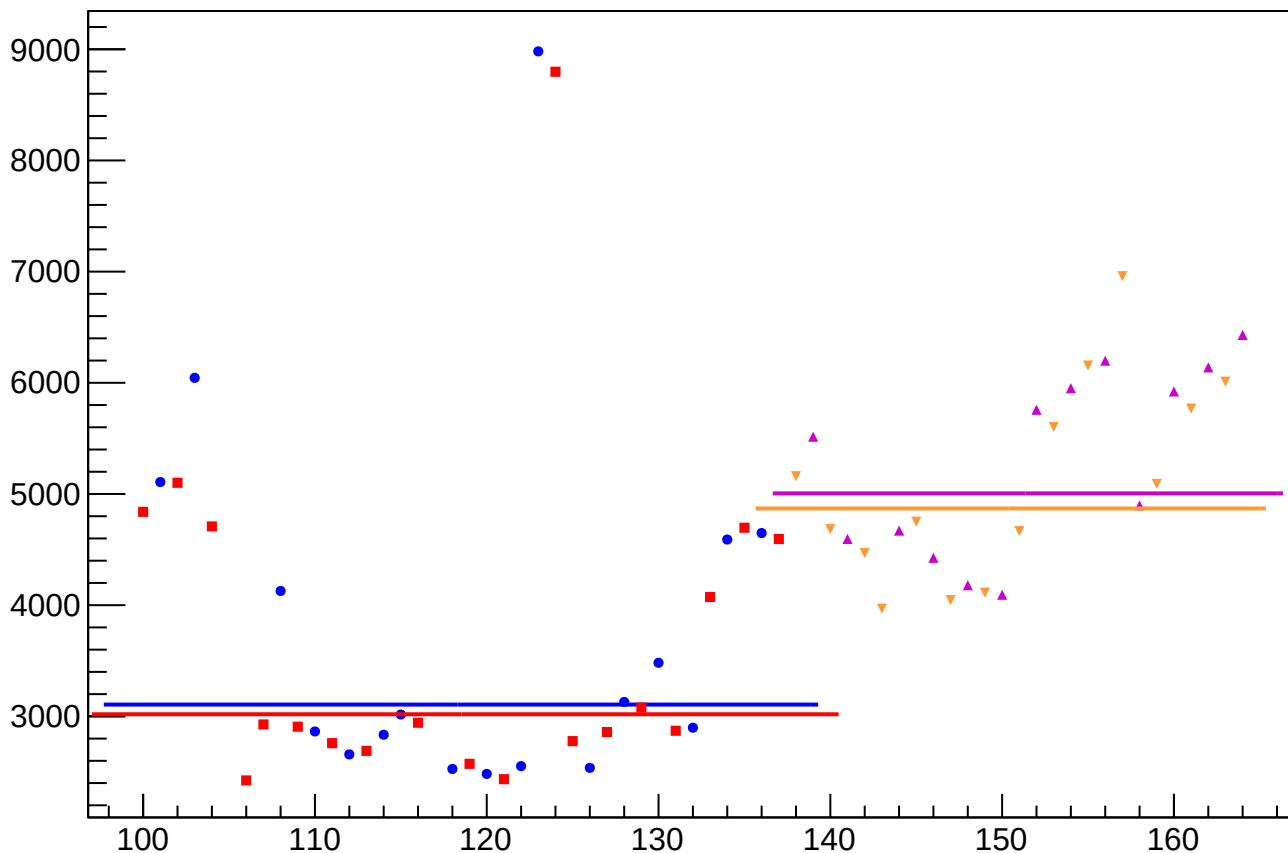
Left In: -1019.882 $\pm$ 1573.516 χ^2 /NDF:10.0/12

+ sign -816.482 $\pm$ 965.248 χ^2 /NDF: 29.0/30

All: -265.821 $\pm$ 676.970 χ^2 /NDF: 55.7/62

- sign 267.247 $\pm$ 949.703 χ^2 /NDF: 26.1/31

asym_atl_dd_rms vs Slug



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

Left Out: 4869.719 ± 1.077 χ^2/NDF : 537508.9/13

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

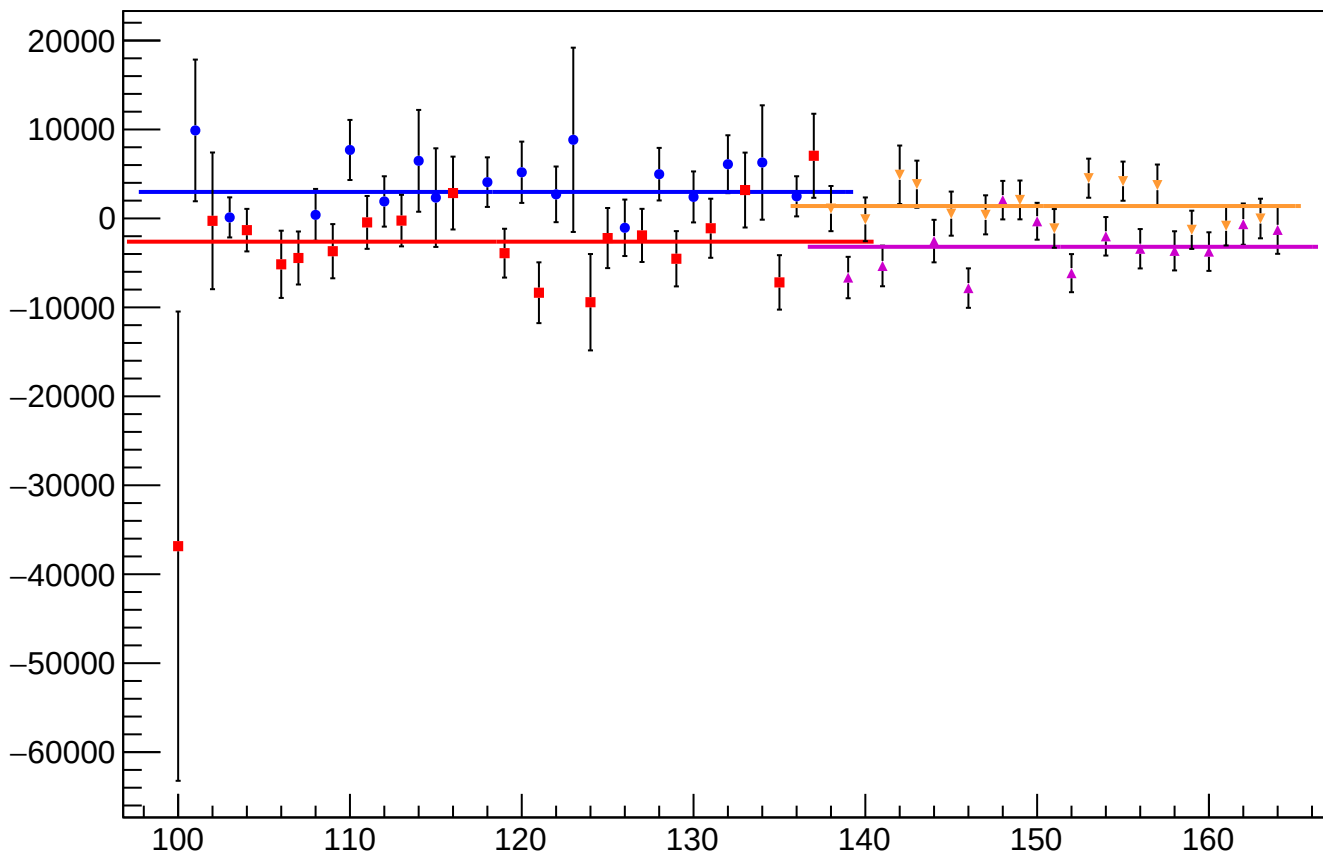
Left In: 5005.415 ± 1.113 χ^2/NDF : 488072.8/12

+ sign 3814.062 ± 0.683 χ^2/NDF : 3102210.6/30

All: 3771.513 ± 0.477 χ^2/NDF : 6437293.1/62

- sign 3730.977 ± 0.666 χ^2/NDF : 3327493.7/31

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1393.932 $\pm$ 623.687 χ^2 /NDF: 11.8/13

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

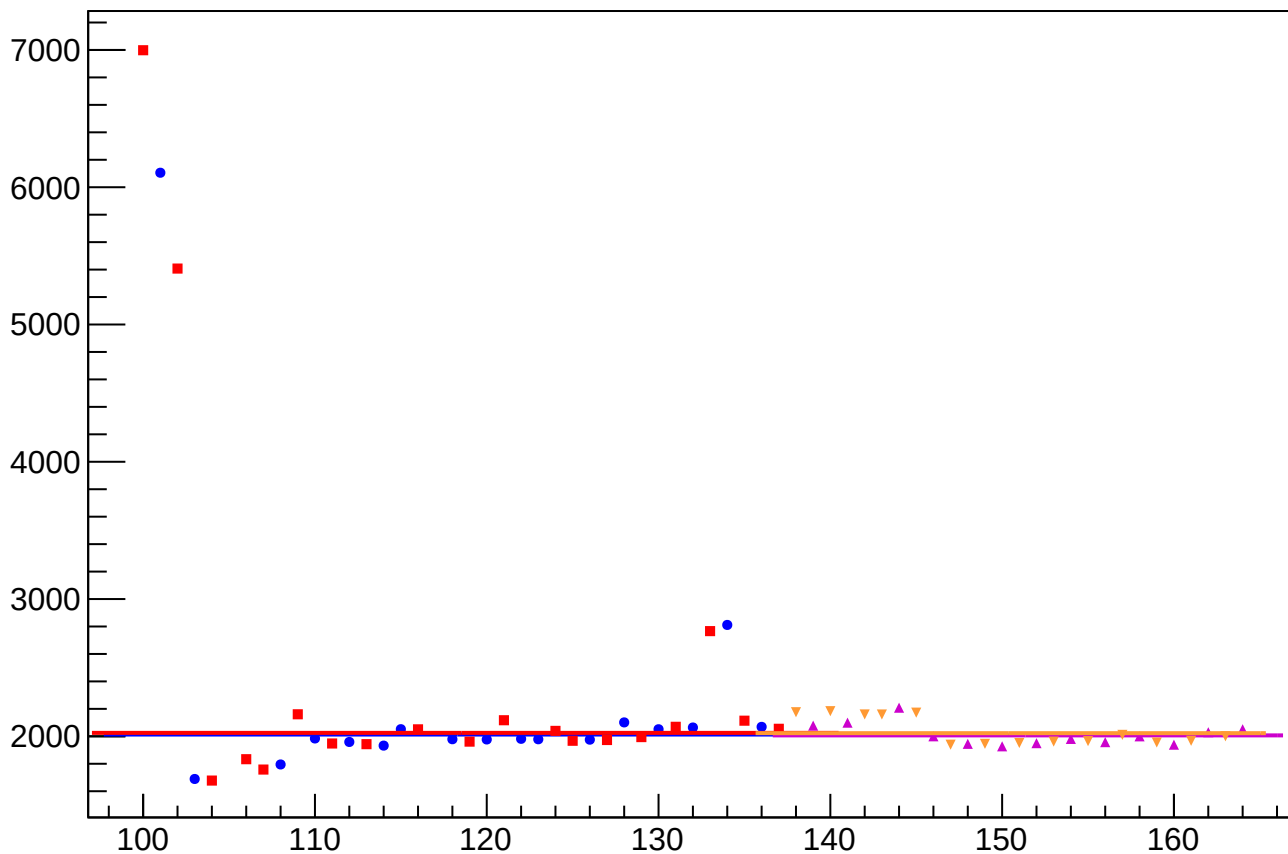
Left In: -3190.708 $\pm$ 622.757 χ^2 /NDF: 19.4/12

+ sign 1997.227 $\pm$ 490.797 χ^2 /NDF: 24.1/30

All: -502.009 $\pm$ 345.857 χ^2 /NDF: 114.9/62

- sign -2967.284 $\pm$ 487.451 χ^2 /NDF: 39.3/31

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2022.921 $\pm$ 0.441 χ^2 /NDF: 45797.4/13

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

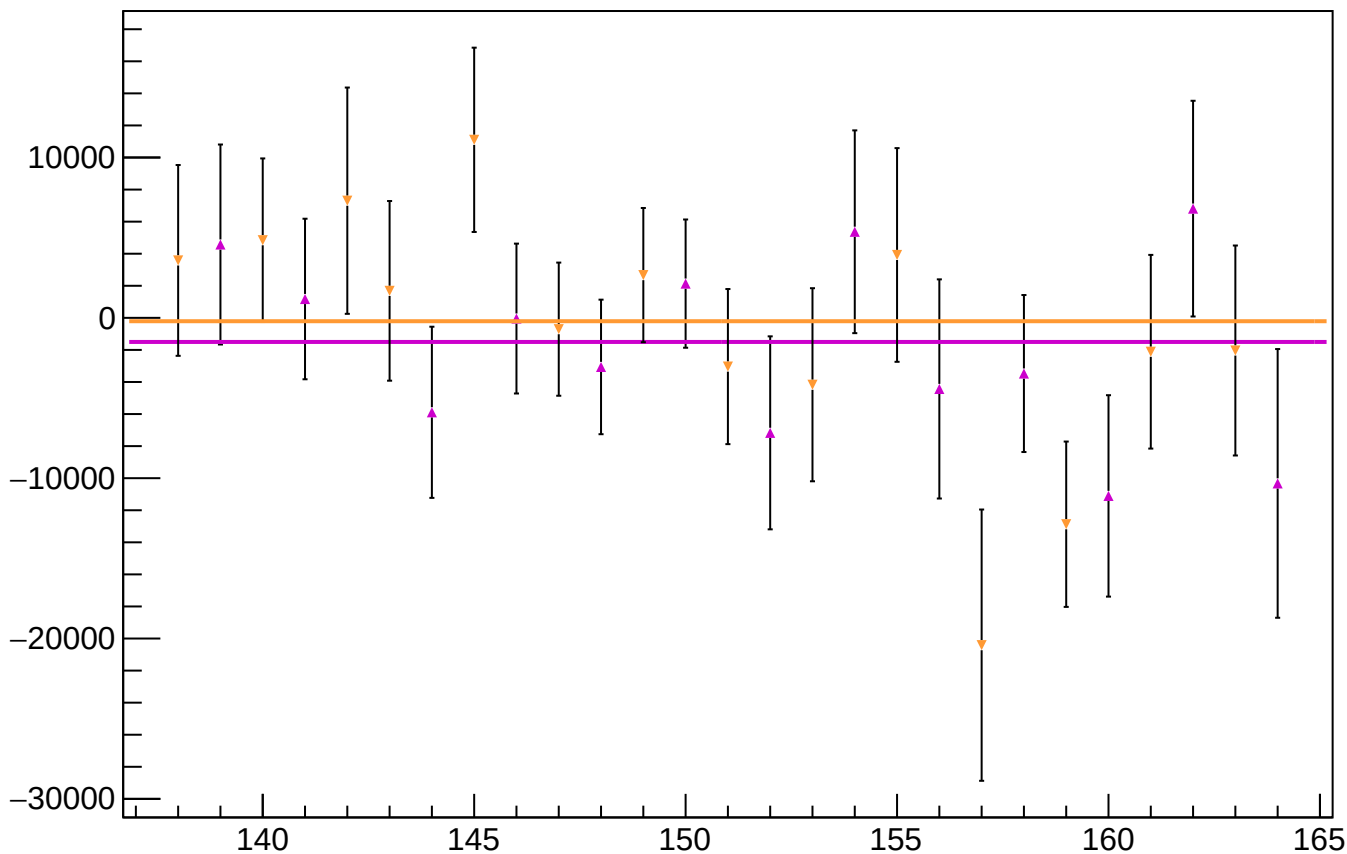
Left In: 2006.732 $\pm$ 0.440 χ^2 /NDF: 29370.0/12

+ sign 2019.123 $\pm$ 0.347 χ^2 /NDF: 663699.7/30

All: 2016.462 $\pm$ 0.245 χ^2 /NDF: 1291280.9/62

- sign 2013.838 $\pm$ 0.345 χ^2 /NDF: 627464.5/31

asym_atr_avg_correction_mean vs Slug



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

Left Out: -210.380+/-1475.826 χ^2/NDF :20.1/13

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

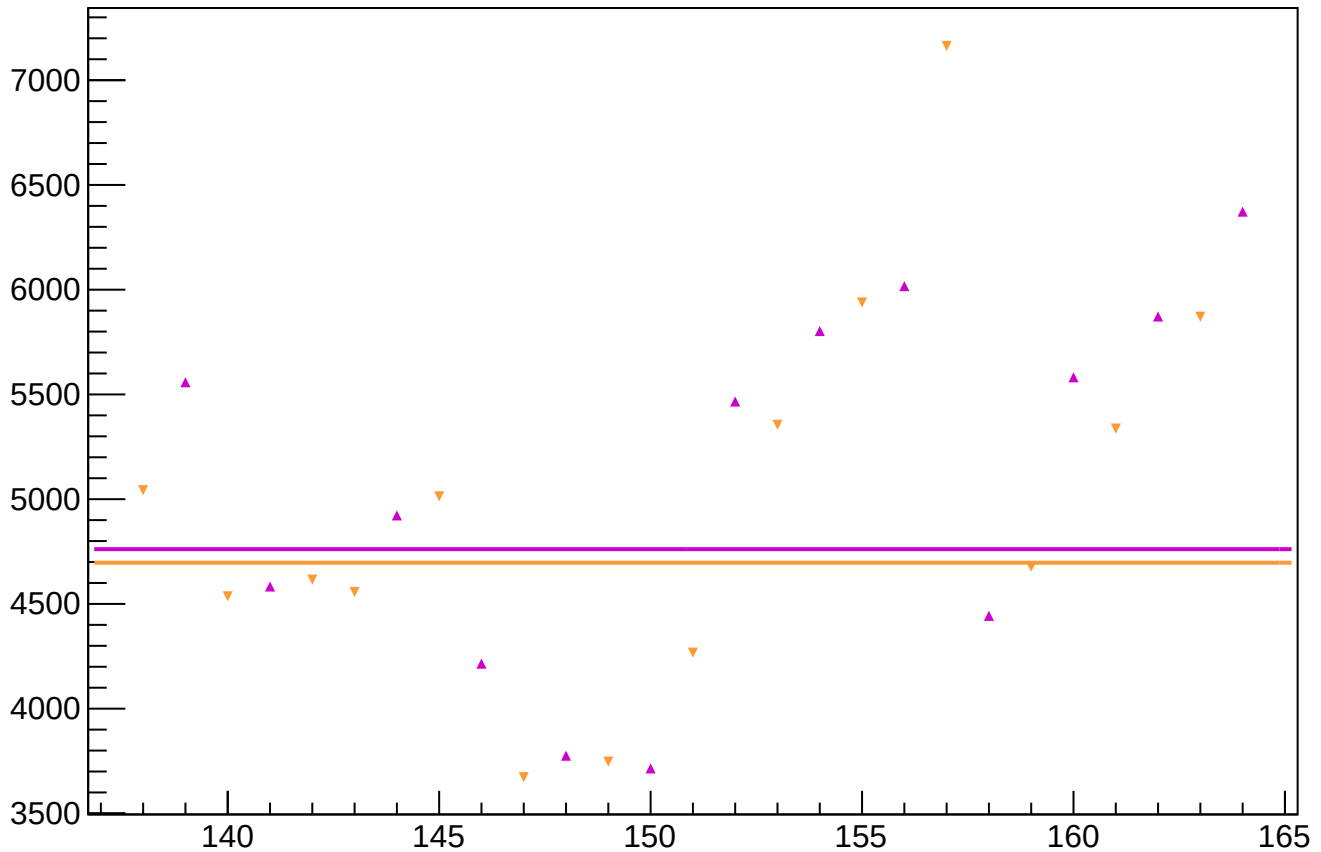
Left In: -1502.960+/-1502.002 χ^2/NDF :10.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -845.309+/-1052.699 χ^2/NDF : 30.8/26

- 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: 4696.728+/-1.044 χ^2/NDF : 606870.1/13

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

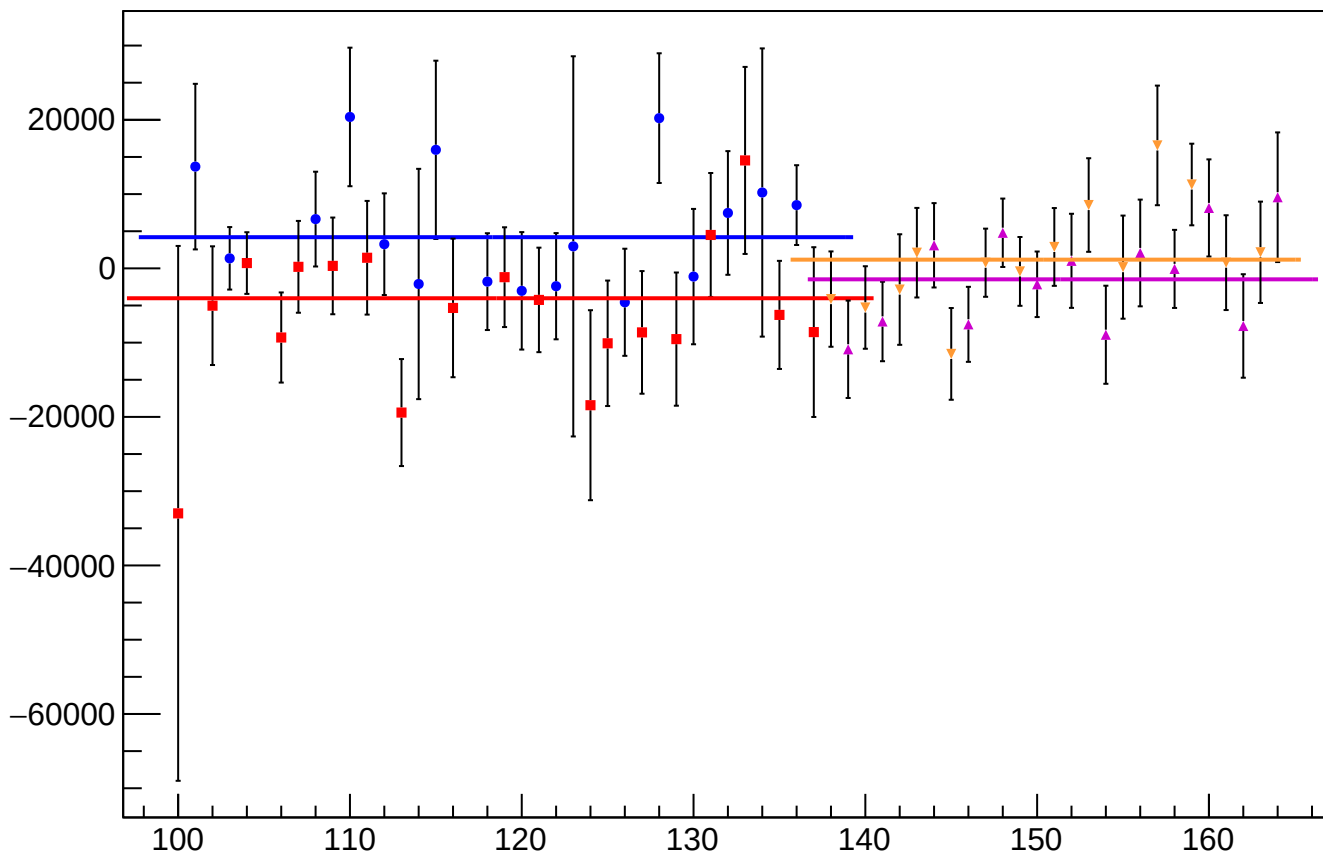
Left In: 4761.348+/-1.062 χ^2/NDF : 631935.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4728.470+/-0.744 χ^2/NDF : 1240689.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



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

Left Out: 1173.831+/-1582.172 χ^2/NDF : 15.2/13

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

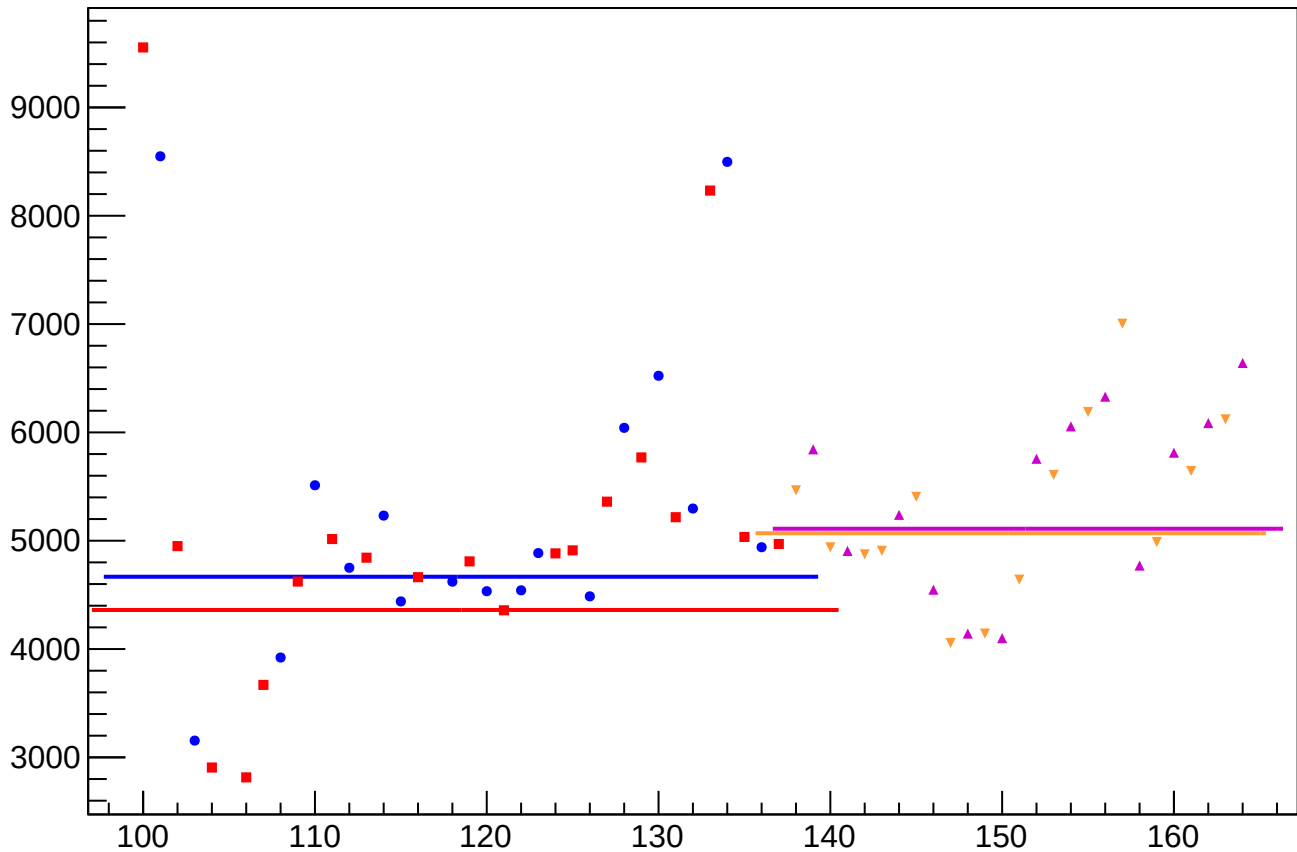
Left In: -1476.806+/-1606.703 χ^2/NDF : 13.5/12

+ sign 2445.470+/-1204.546 χ^2/NDF : 30.9/30

All: -168.872+/-841.384 χ^2/NDF : 69.6/62

- sign -2659.790+/-1175.768 χ^2/NDF : 29.5/31

asym_atr_avg_rms vs Slug



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

Left Out: 5069.078+/-1.119 χ^2/NDF : 454404.5/13

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

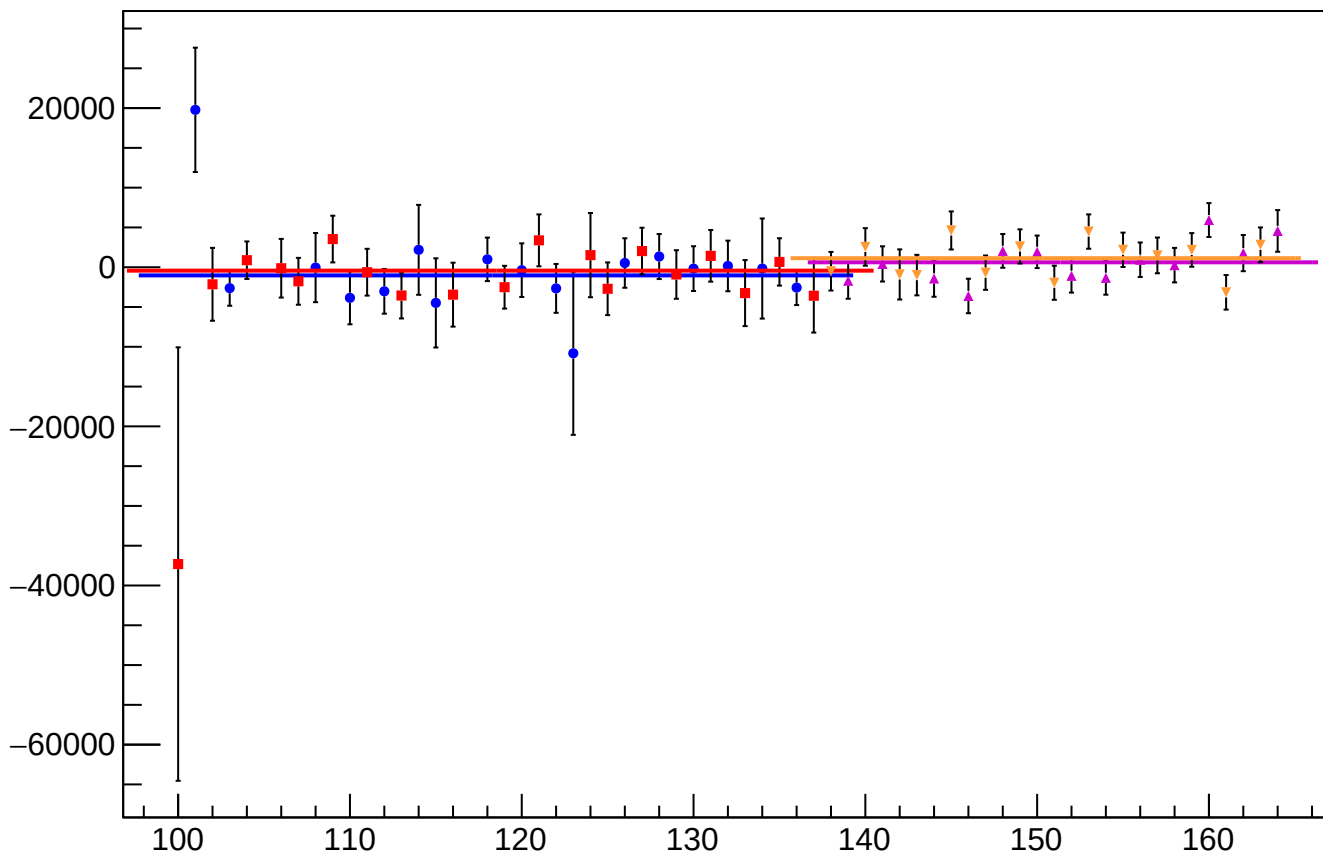
Left In: 5110.630+/-1.136 χ^2/NDF : 498325.9/12

+ sign 4900.248+/-0.852 χ^2/NDF : 1286434.3/30

All: 4828.282+/-0.594 χ^2/NDF : 2835110.9/62

- sign 4760.083+/-0.829 χ^2/NDF : 1534772.2/31

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1135.435 ± 608.491 χ^2/NDF : 14.7/13

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

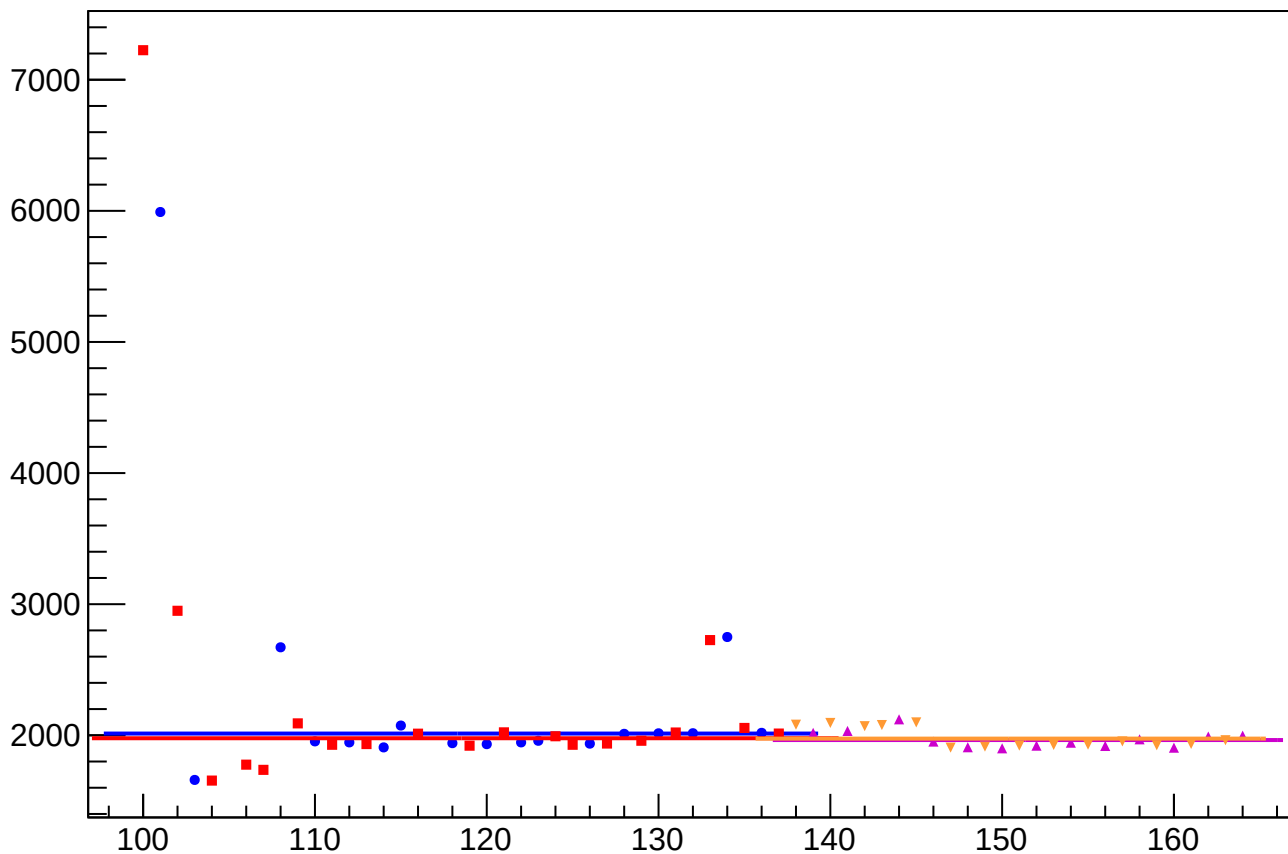
Left In: 617.855 ± 609.239 χ^2/NDF : 16.8/12

+ sign 338.597 ± 483.556 χ^2/NDF : 32.4/30

All: 272.742 ± 339.062 χ^2/NDF : 61.2/62

- sign 209.048 ± 475.557 χ^2/NDF : 28.7/31

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1974.720+/-0.430 χ^2/NDF : 28284.5/13

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

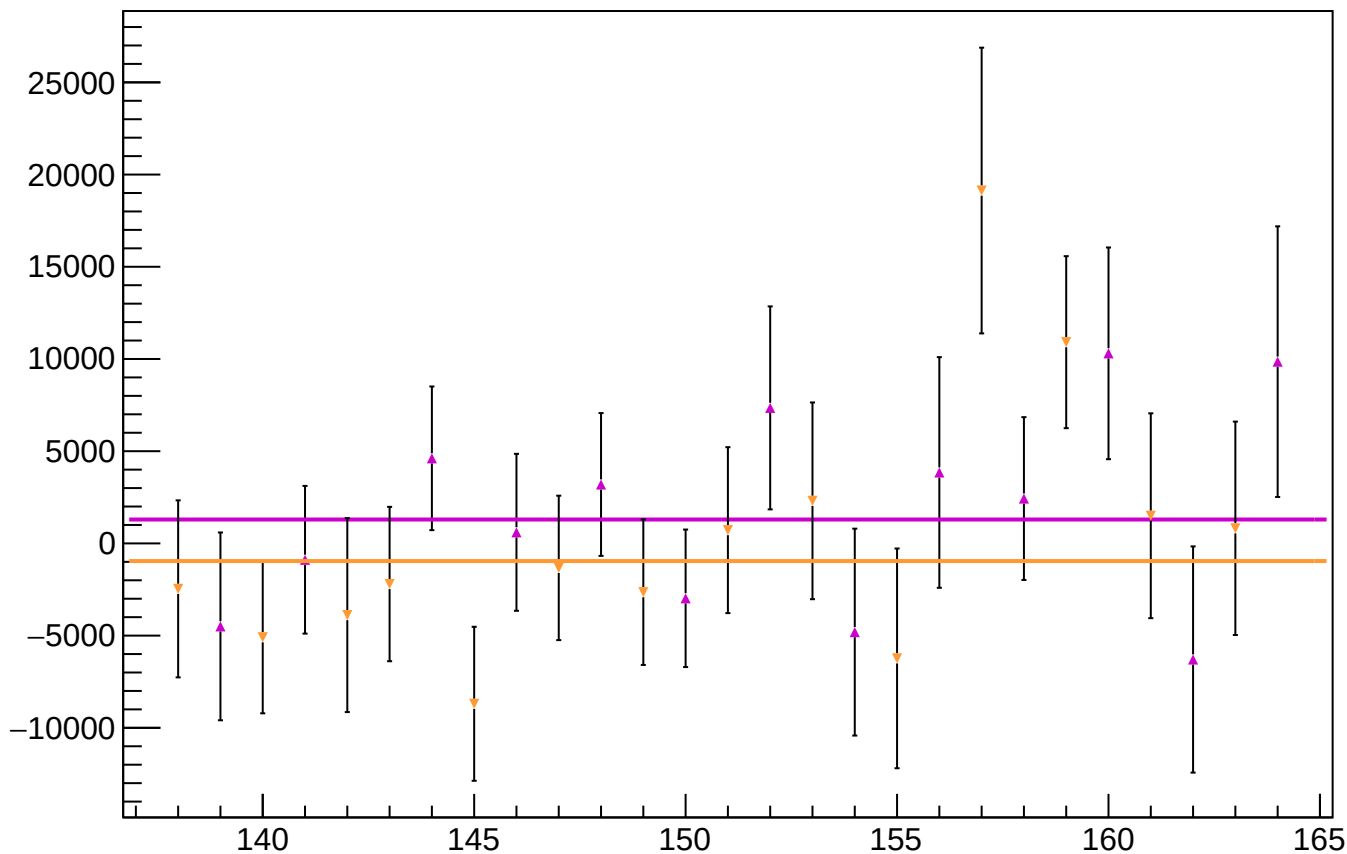
Left In: 1963.780+/-0.431 χ^2/NDF : 19892.5/12

+ sign 1988.925+/-0.342 χ^2/NDF : 681291.1/30

All: 1978.876+/-0.240 χ^2/NDF : 998180.5/62

- sign 1969.165+/-0.336 χ^2/NDF : 315191.0/31

asym_atr_dd_correction_mean vs Slug



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

Left Out: -956.881+/-1270.080 χ^2/NDF :19.9/13

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

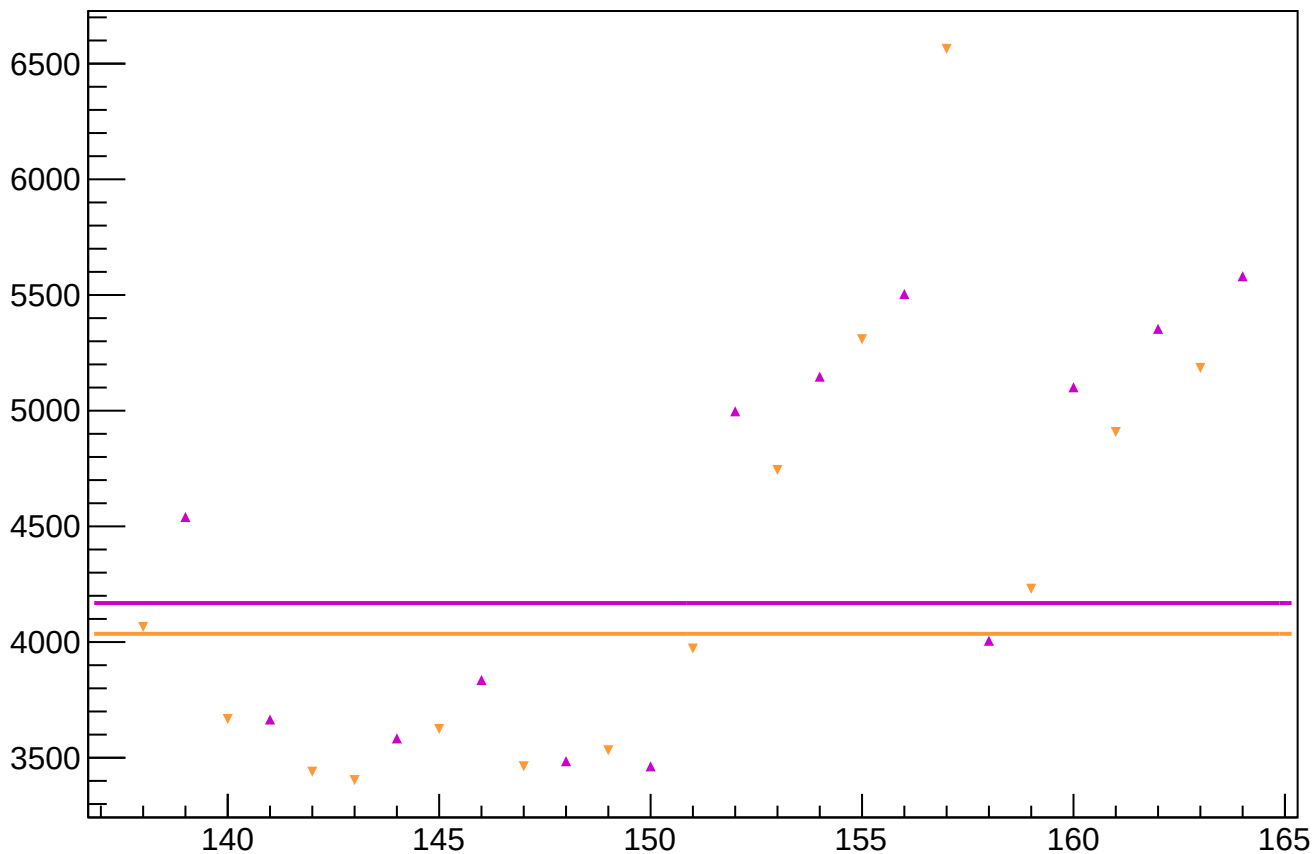
Left In: 1295.413+/-1315.440 χ^2/NDF :11.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.765+/-913.698 χ^2/NDF : 33.3/26

- 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: 4035.616+/-0.898 χ^2/NDF :653788.6/13

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

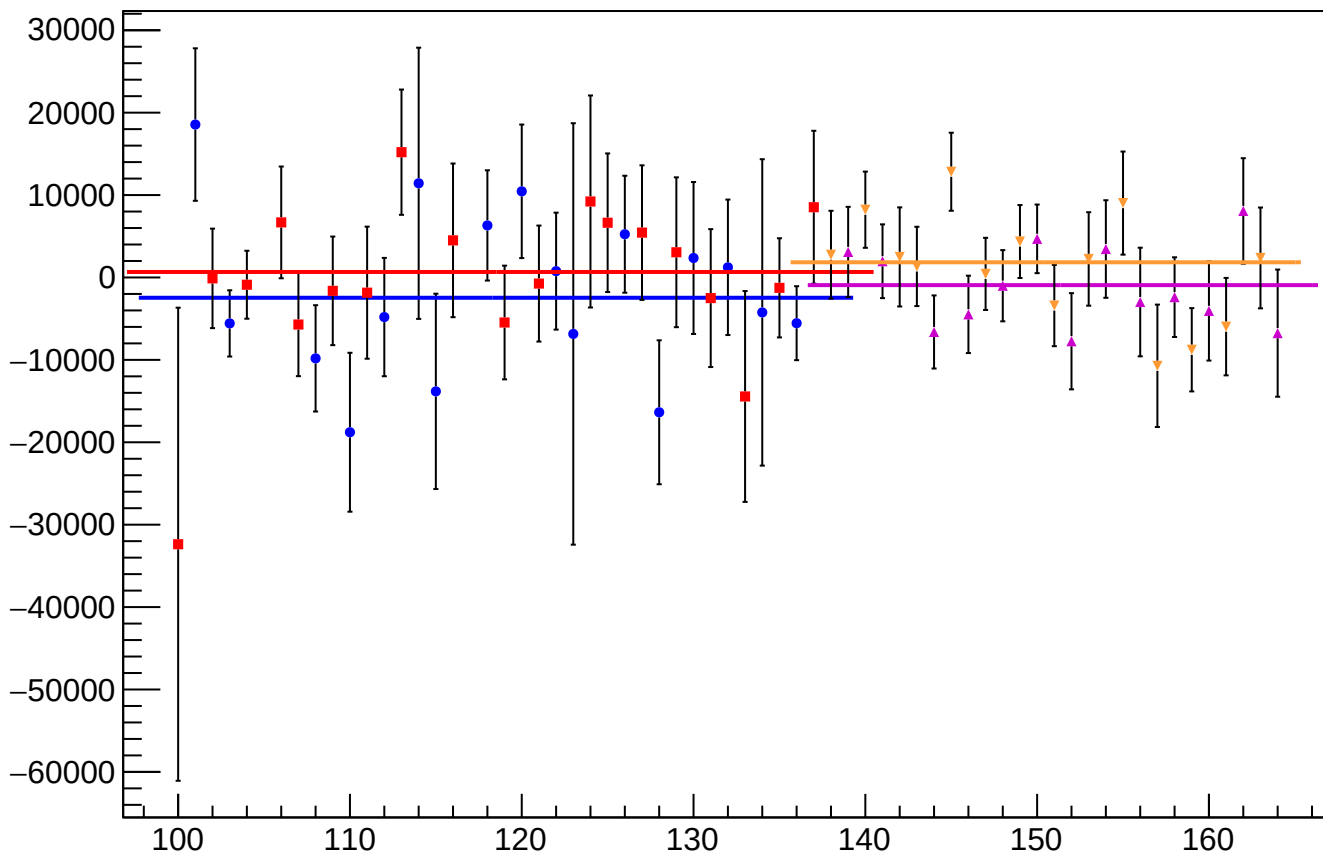
Left In: 4168.636+/-0.930 χ^2/NDF :635368.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4099.793+/-0.646 χ^2/NDF : 1299741.6/20

- 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: 1842.277 $\pm$ 1398.849 χ^2 /NDF:19.3/13

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

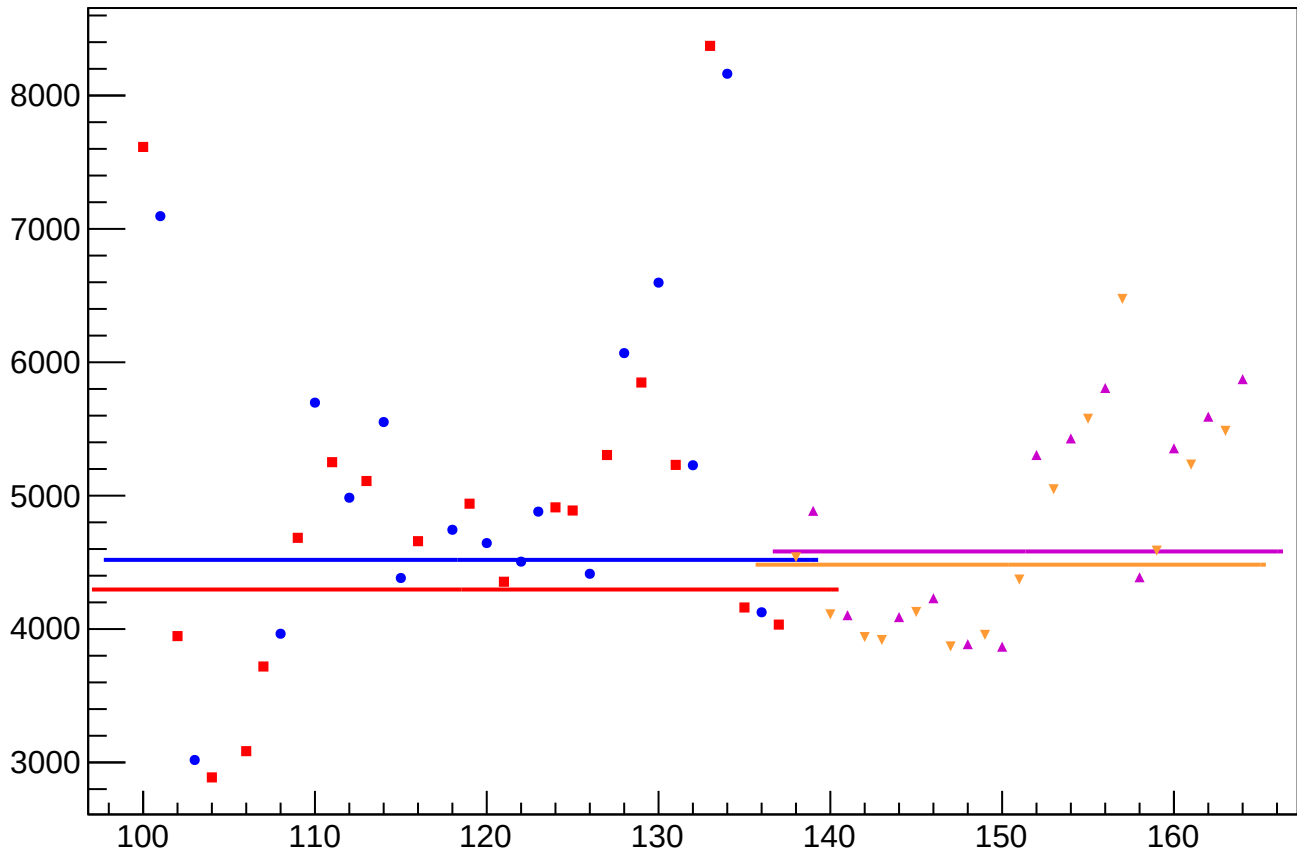
Left In: -929.435 $\pm$ 1438.601 χ^2 /NDF:9.9/12

+ sign 218.419 $\pm$ 1103.900 χ^2 /NDF: 43.7/30

All: -22.104 $\pm$ 777.554 χ^2 /NDF: 66.1/62

- sign -258.938 $\pm$ 1095.403 χ^2 /NDF: 22.3/31

asym_atr_dd_rms vs Slug



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

Left Out: 4482.536+/-0.989 χ^2/NDF : 448592.4/13

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

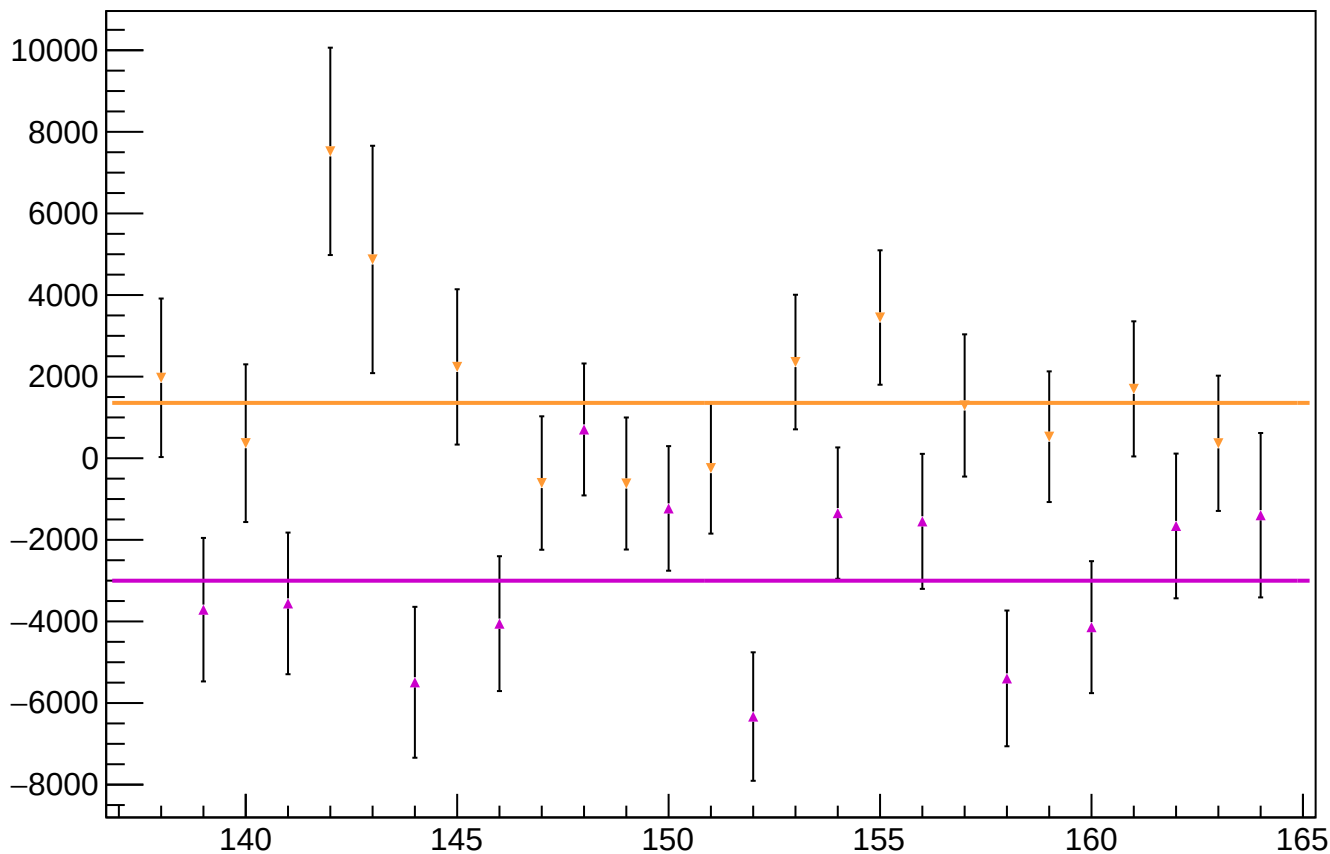
Left In: 4581.759+/-1.017 χ^2/NDF : 458235.0/12

+ sign 4496.173+/-0.781 χ^2/NDF : 1219323.1/30

All: 4478.442+/-0.549 χ^2/NDF : 2483568.2/62

- sign 4461.064+/-0.773 χ^2/NDF : 1263223.4/31

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1356.623+/-475.679 χ^2/NDF :14.6/13

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

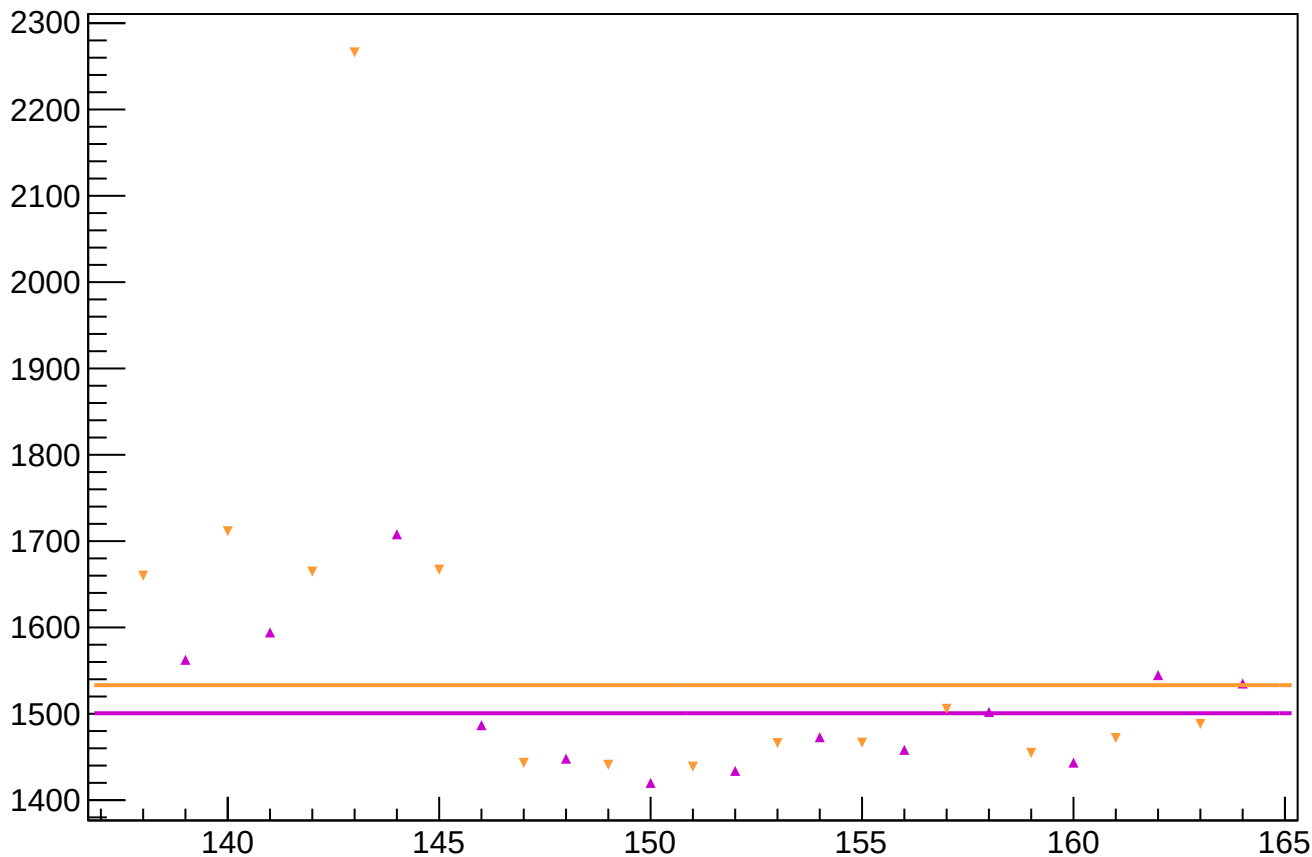
Left In: -3001.685+/-466.879 χ^2/NDF :19.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -863.216+/-333.201 χ^2/NDF : 76.6/26

- 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: 1533.155+/-0.336 χ^2/NDF :214720.6/13

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

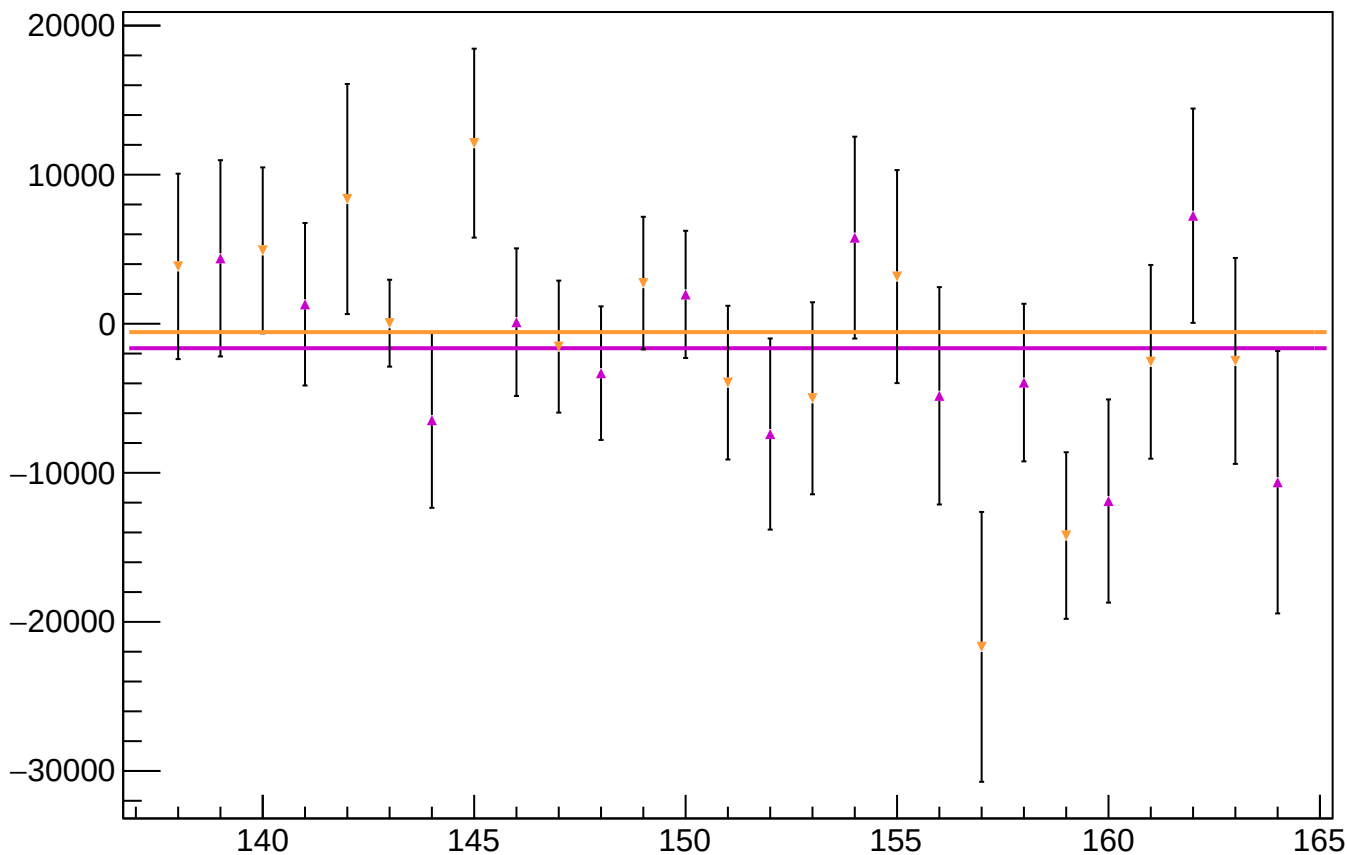
Left In: 1500.631+/-0.330 χ^2/NDF :51099.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.590+/-0.236 χ^2/NDF : 270582.0/26

- 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: -562.099+/-1429.534 χ^2/NDF :20.2/13

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

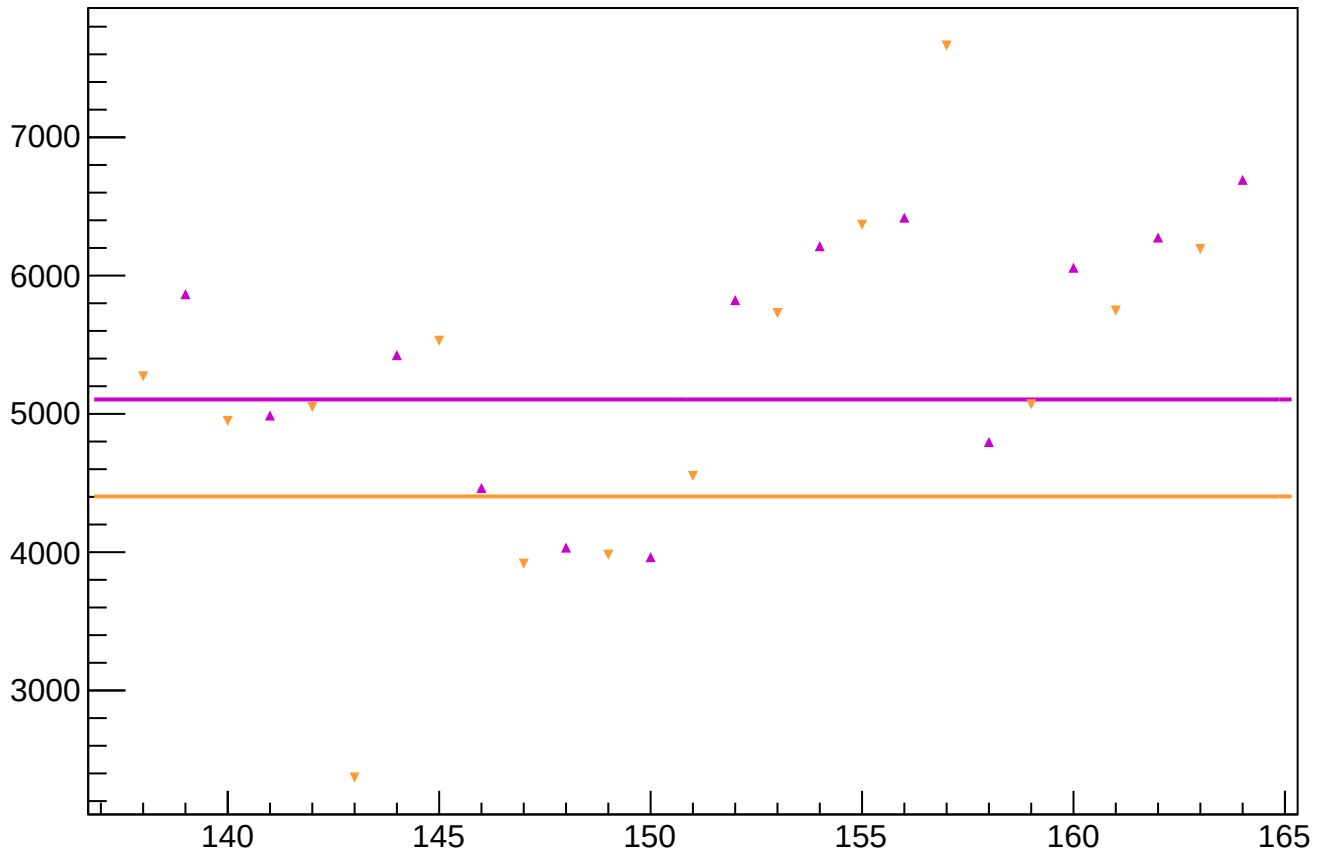
Left In: -1642.108+/-1610.173 χ^2/NDF :10.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1038.148+/-1069.017 χ^2/NDF : 30.5/26

- 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: 4402.894+/-1.011 χ^2/NDF :1895831.1/13

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

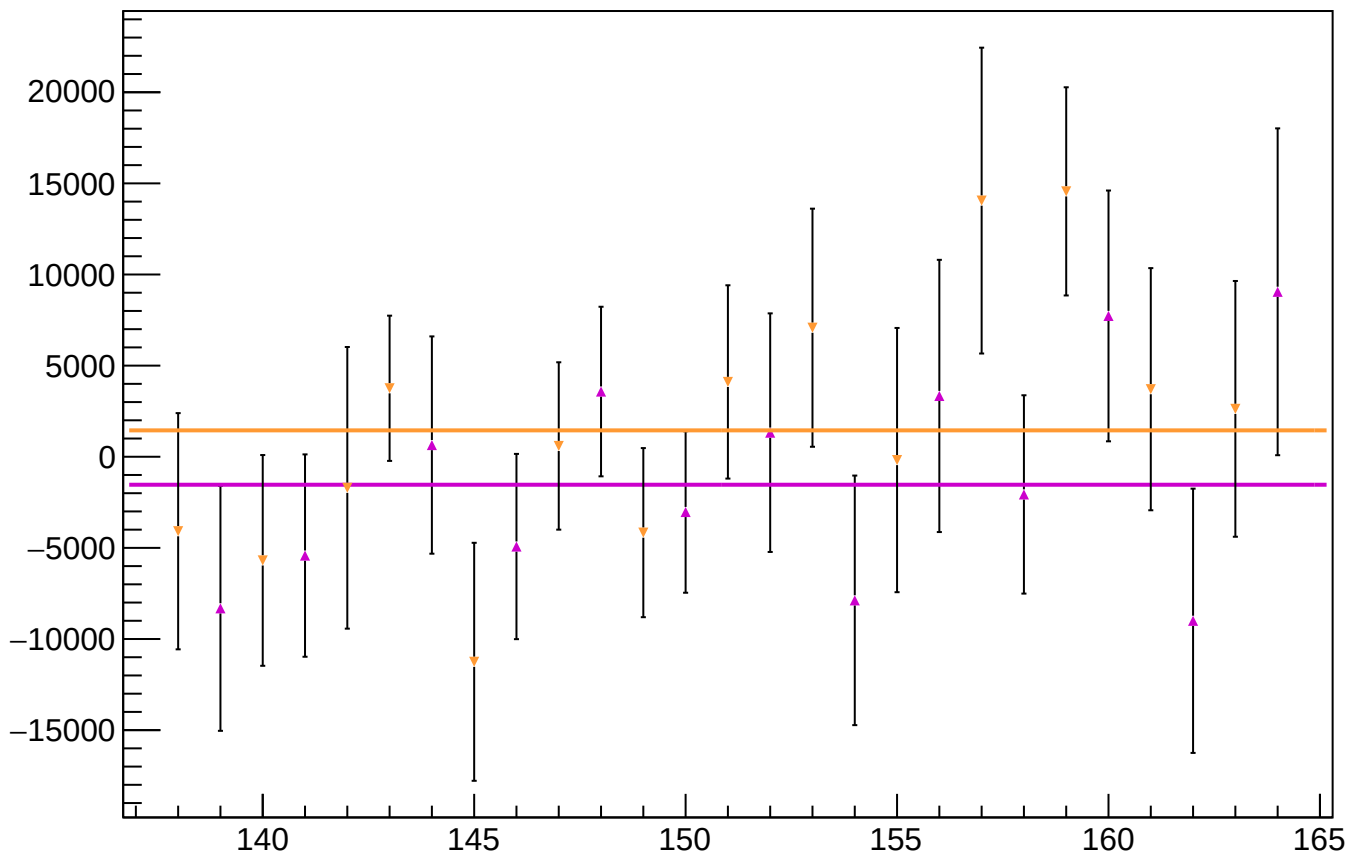
Left In: 5104.342+/-1.139 χ^2/NDF :631854.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4712.080+/-0.756 χ^2/NDF : 2739940.4/20

- 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: 1447.619+/-1549.222 χ^2/NDF :16.8/13

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

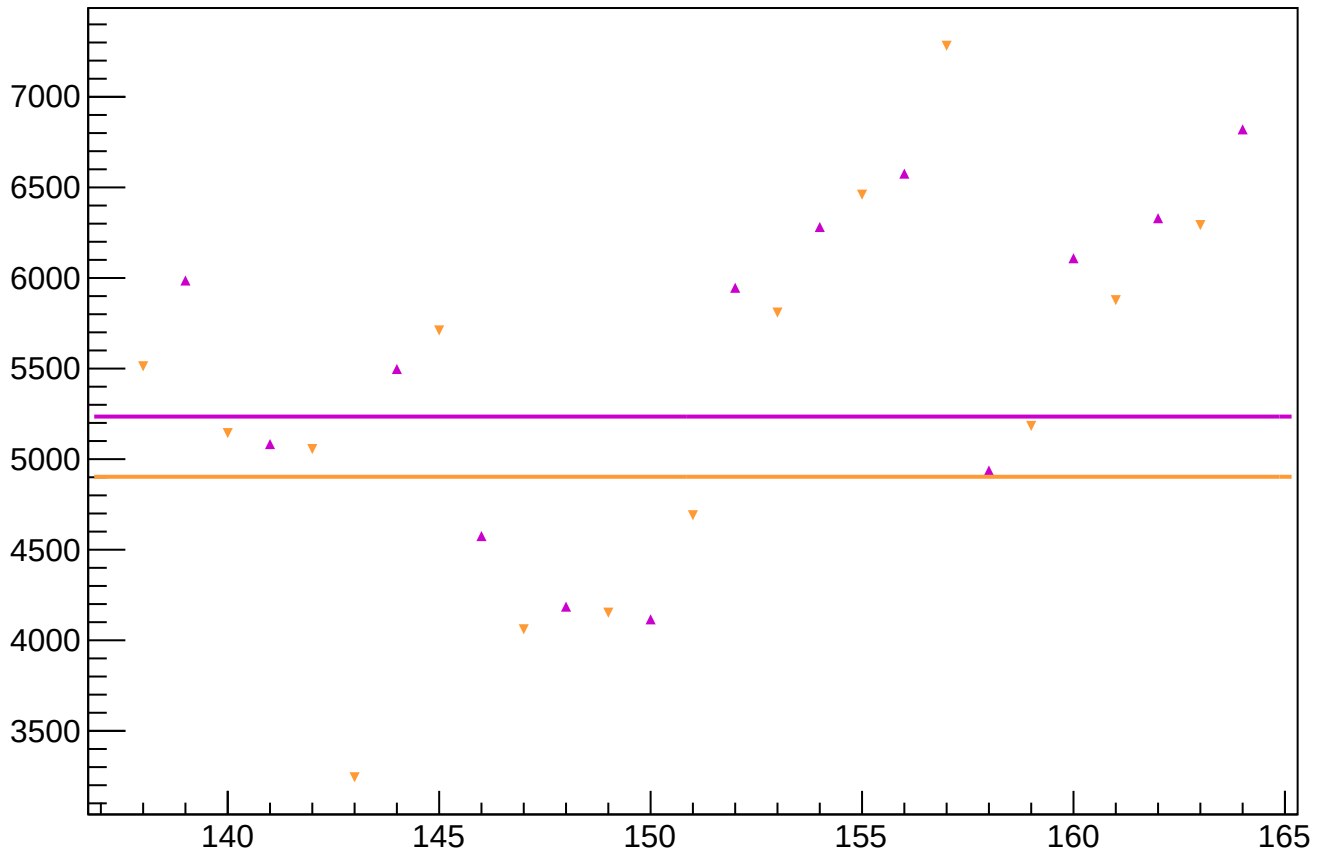
Left In: -1535.489+/-1649.489 χ^2/NDF :9.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.481+/-1129.249 χ^2/NDF : 27.6/26

- 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: 4902.682+/-1.095 χ^2/NDF : 939996.1/13

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

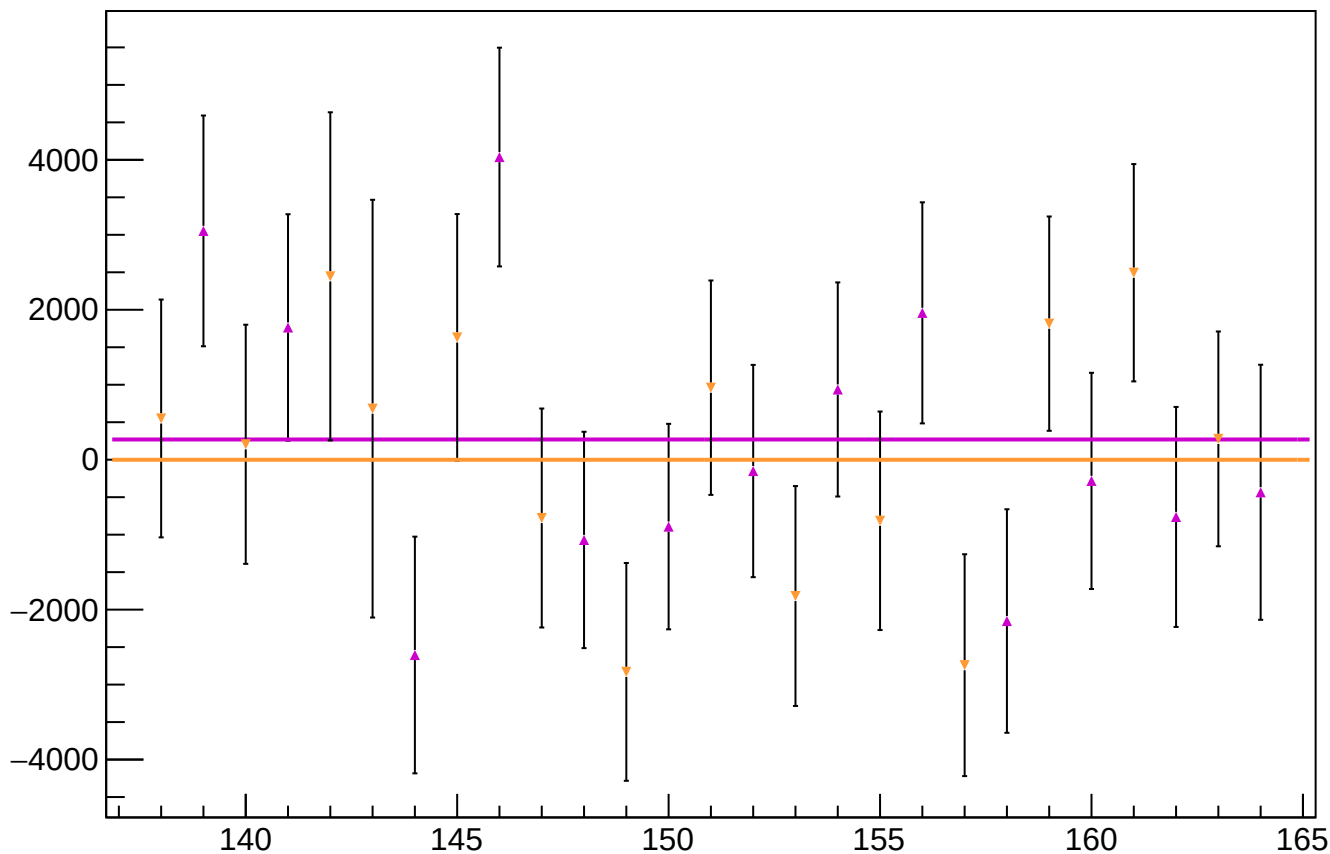
Left In: 5235.010+/-1.166 χ^2/NDF : 574643.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5058.439+/-0.798 χ^2/NDF : 1557773.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -1.040 $\pm$ 416.170 χ^2 /NDF:16.8/13

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

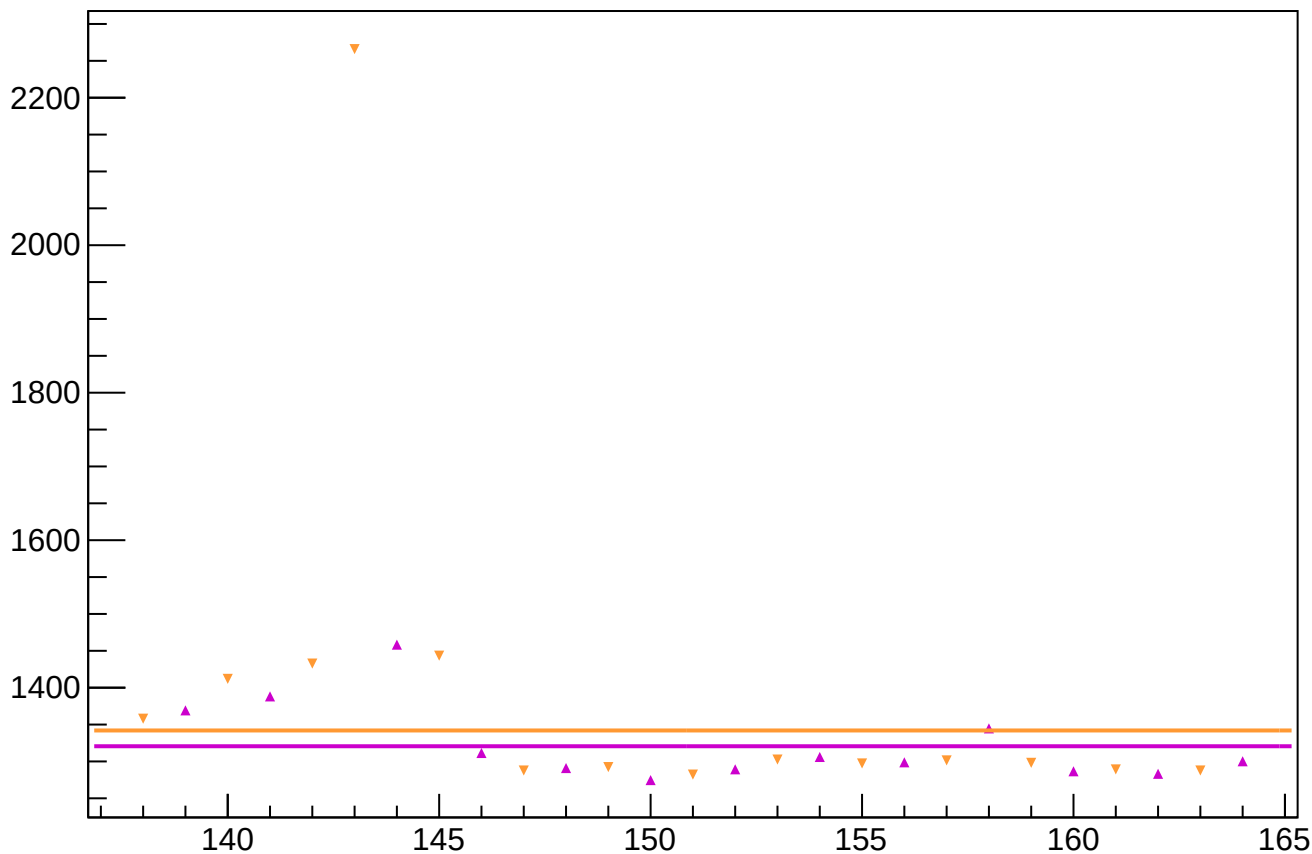
Left In: 269.660 $\pm$ 410.522 χ^2 /NDF:20.9/12

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

All: 136.159 $\pm$ 292.259 χ^2 /NDF: 37.9/26

- sign 0.000 $\pm$ 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: 1341.991+/-0.294 χ^2/NDF : 255817.4/13

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

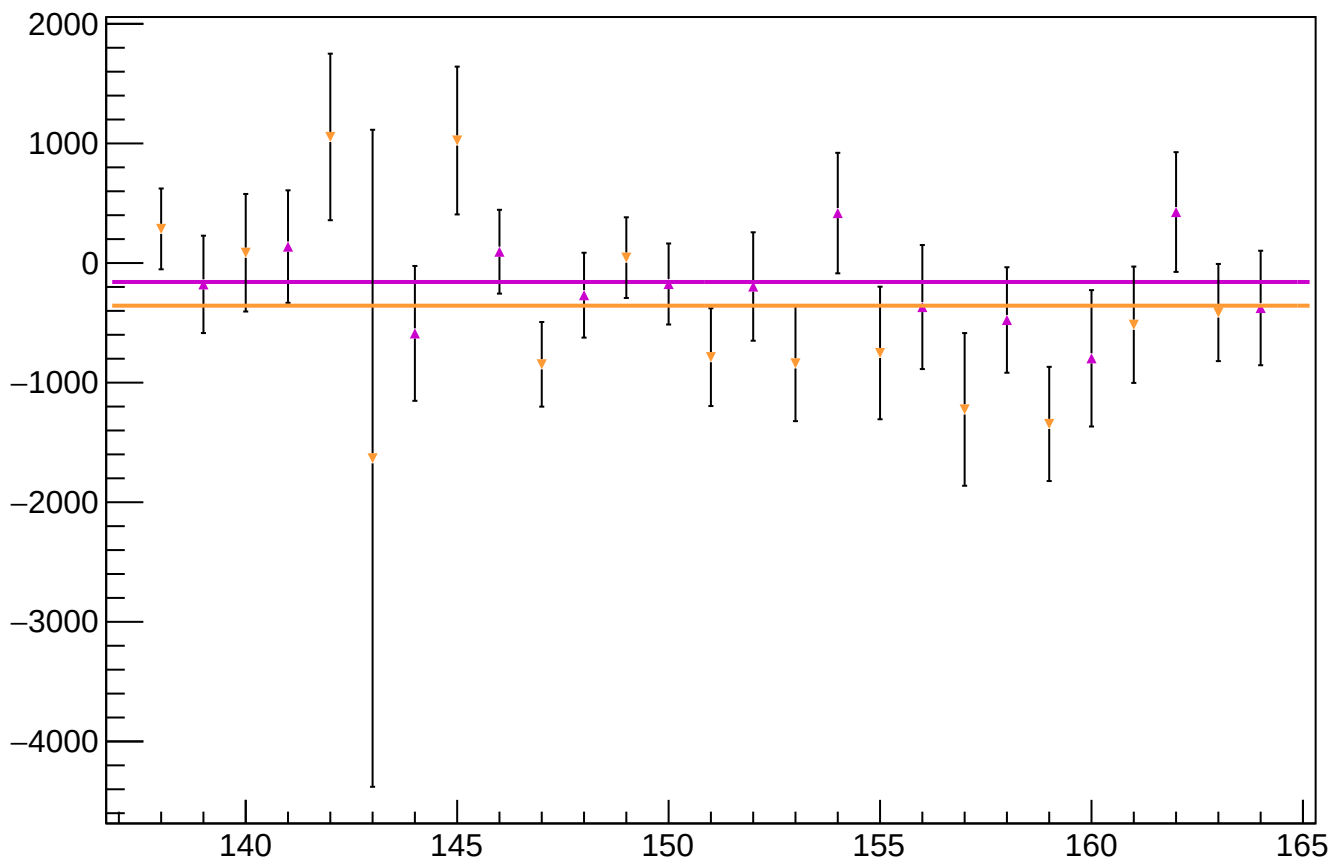
Left In: 1320.601+/-0.290 χ^2/NDF : 29235.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.150+/-0.207 χ^2/NDF : 287730.4/26

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -356.468 $\pm$ 123.898 χ^2 /NDF:26.0/13

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

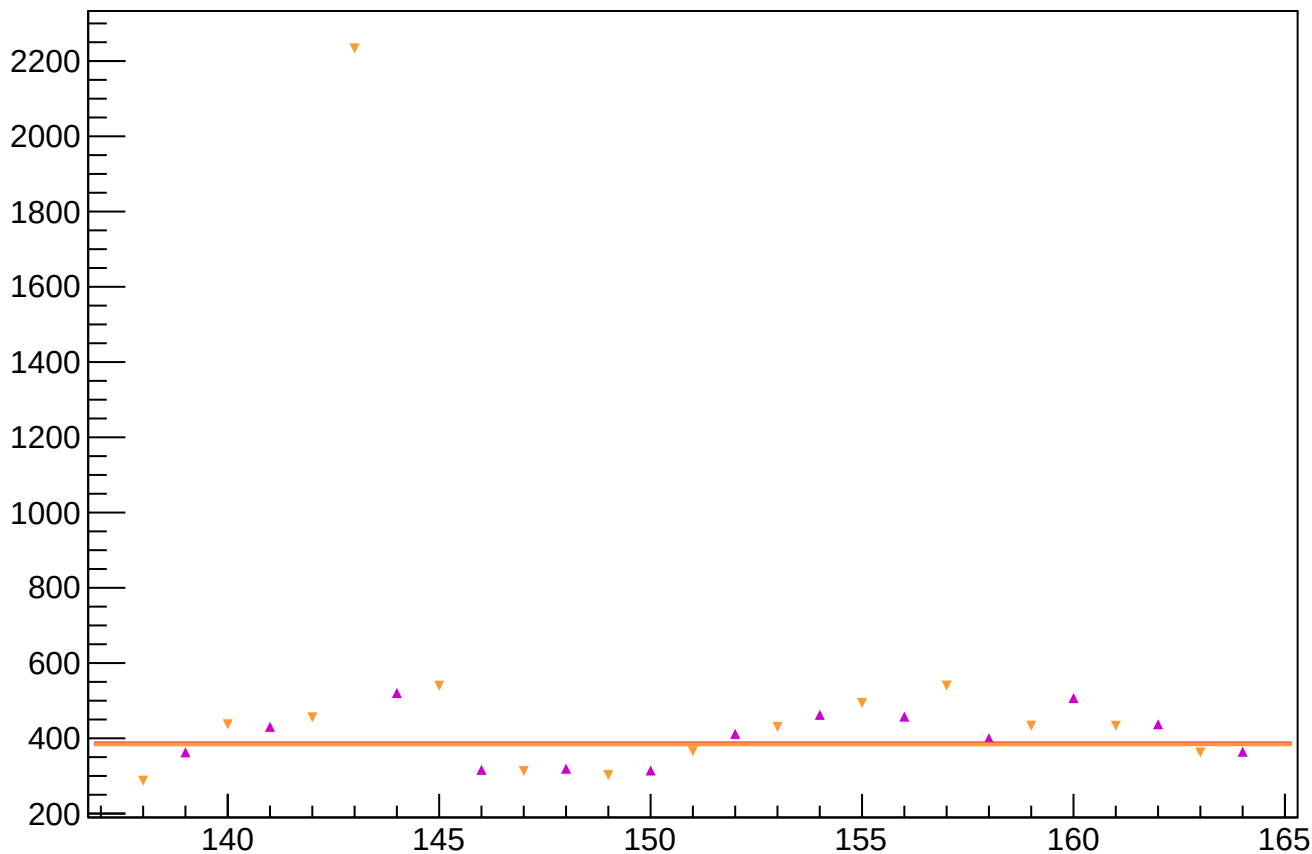
Left In: -158.407 $\pm$ 121.616 χ^2 /NDF:6.4/12

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

All: -255.597 $\pm$ 86.791 χ^2 /NDF: 33.7/26

- sign 0.000 $\pm$ 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: 384.128+/-0.088 χ^2/NDF :1708081.9/13

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

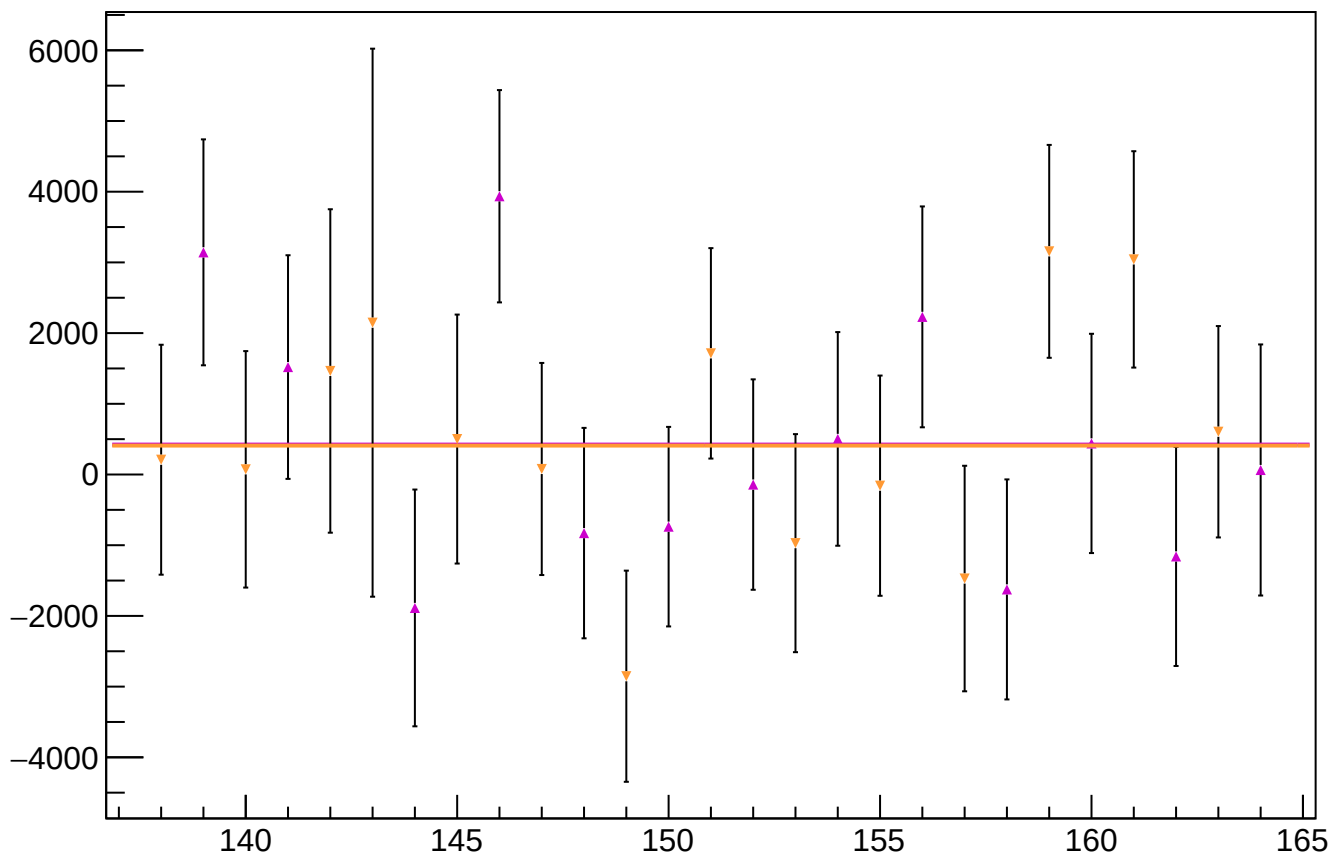
Left In: 386.216+/-0.086 χ^2/NDF :585364.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.191+/-0.061 χ^2/NDF : 2293735.6/26

- 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: 409.364+/-438.450 χ^2/NDF :14.7/13

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

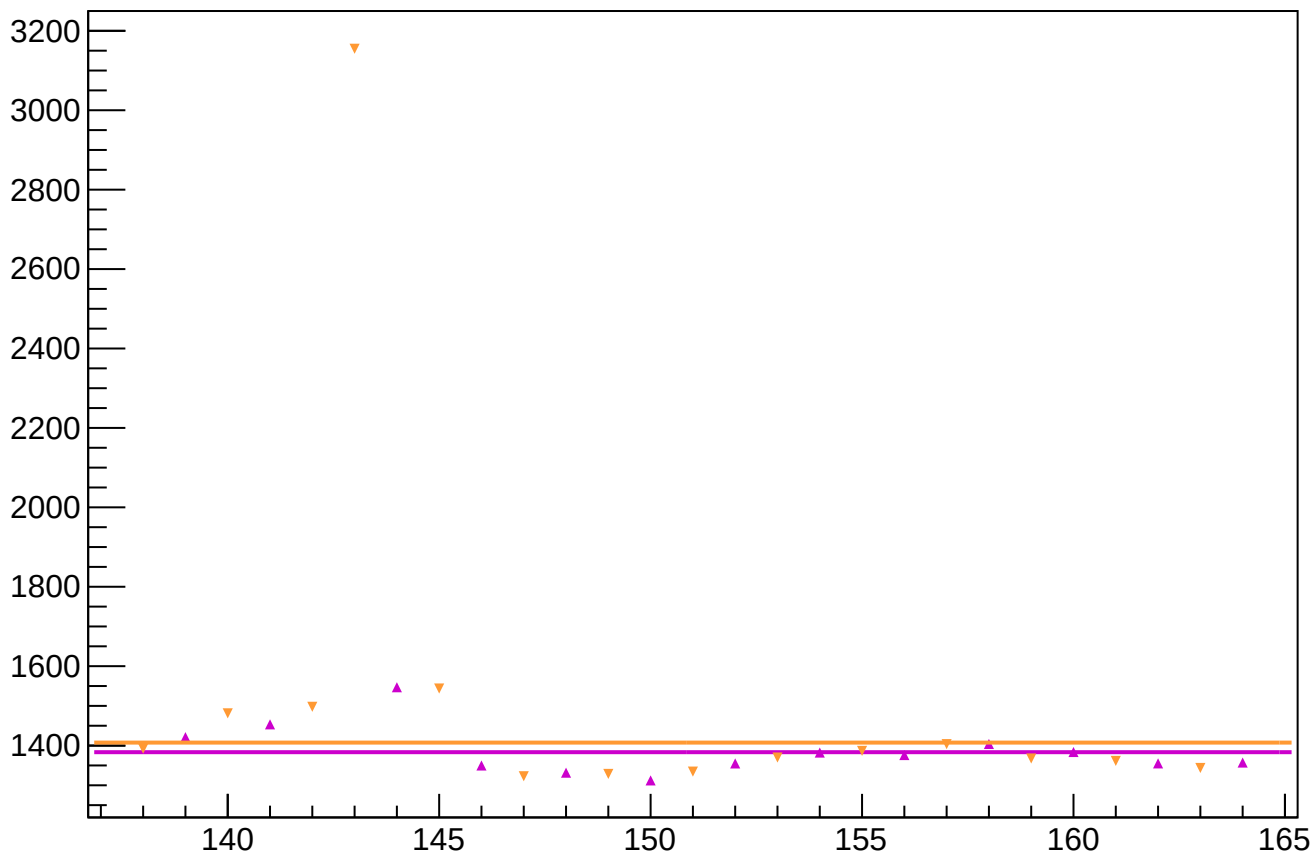
Left In: 422.754+/-430.041 χ^2/NDF :16.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.188+/-307.015 χ^2/NDF : 31.1/26

- 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: 1407.560+/-0.310 χ^2/NDF : 450877.6/13

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

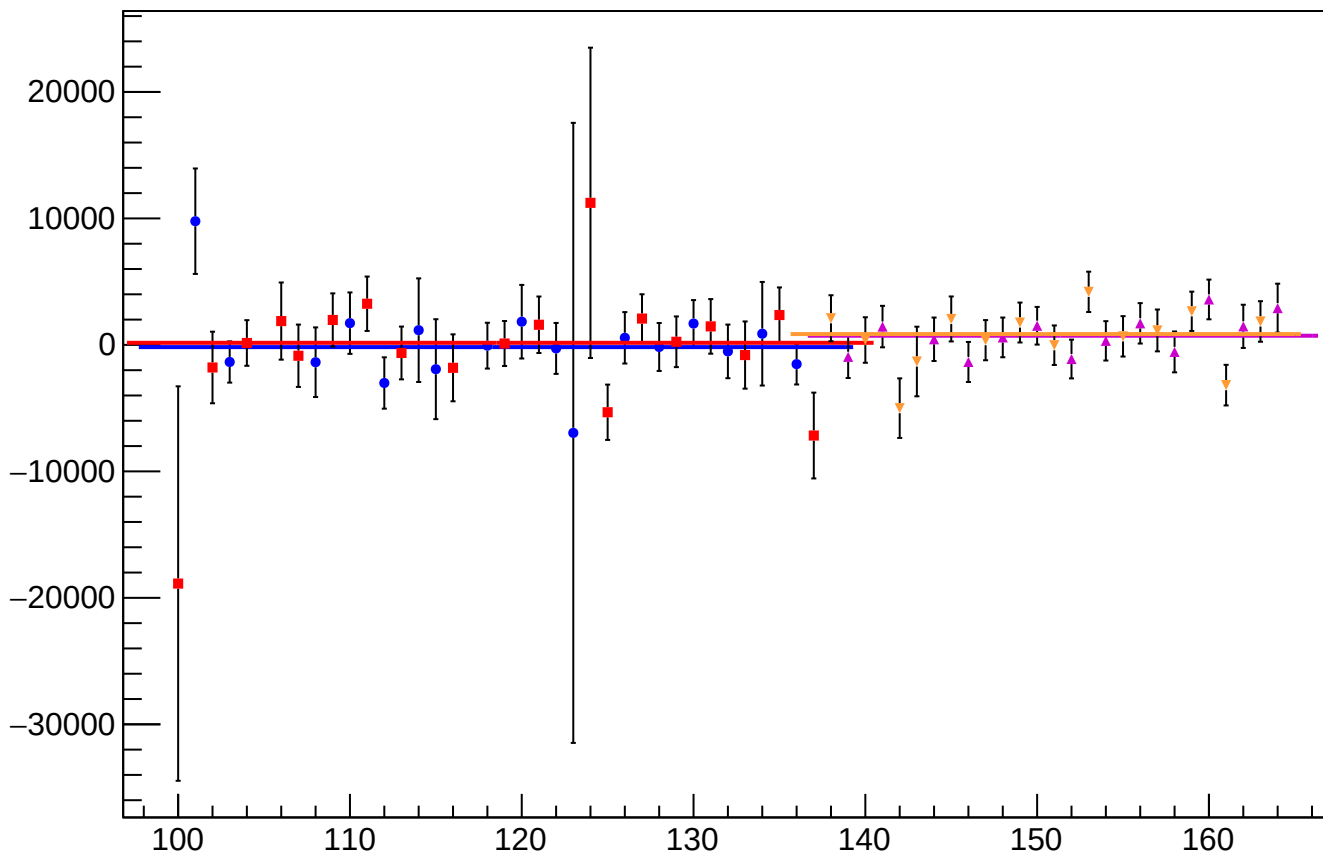
Left In: 1383.390+/-0.304 χ^2/NDF : 34830.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.241+/-0.217 χ^2/NDF : 488806.0/26

- 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: 855.944 ± 456.936 χ^2/NDF : 21.0/13

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

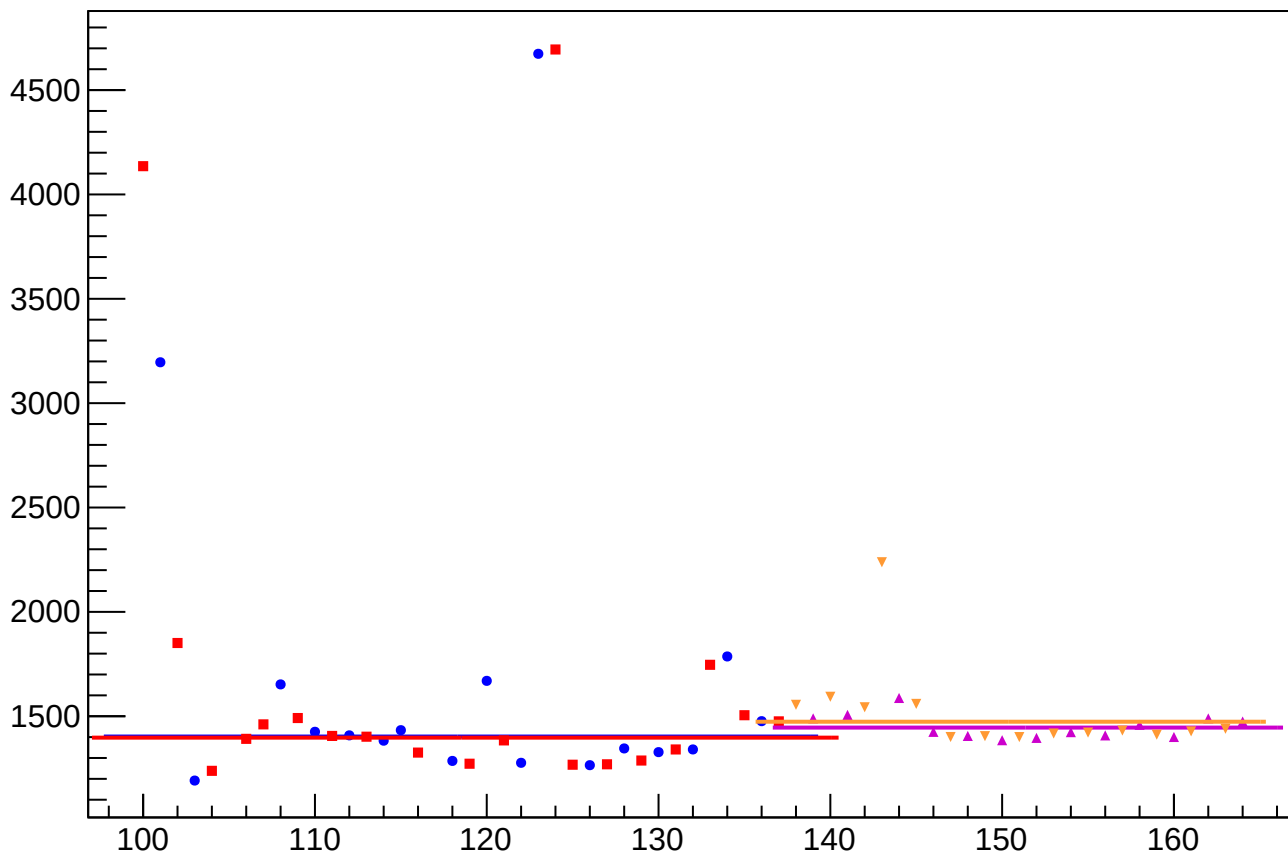
Left In: 725.197 ± 449.422 χ^2/NDF : 10.5/12

+ sign 439.207 ± 352.673 χ^2/NDF : 34.8/30

All: 468.181 ± 246.789 χ^2/NDF : 66.7/62

- sign 495.981 ± 345.464 χ^2/NDF : 31.8/31

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1473.710+/-0.323 χ^2/NDF : 197532.4/13

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

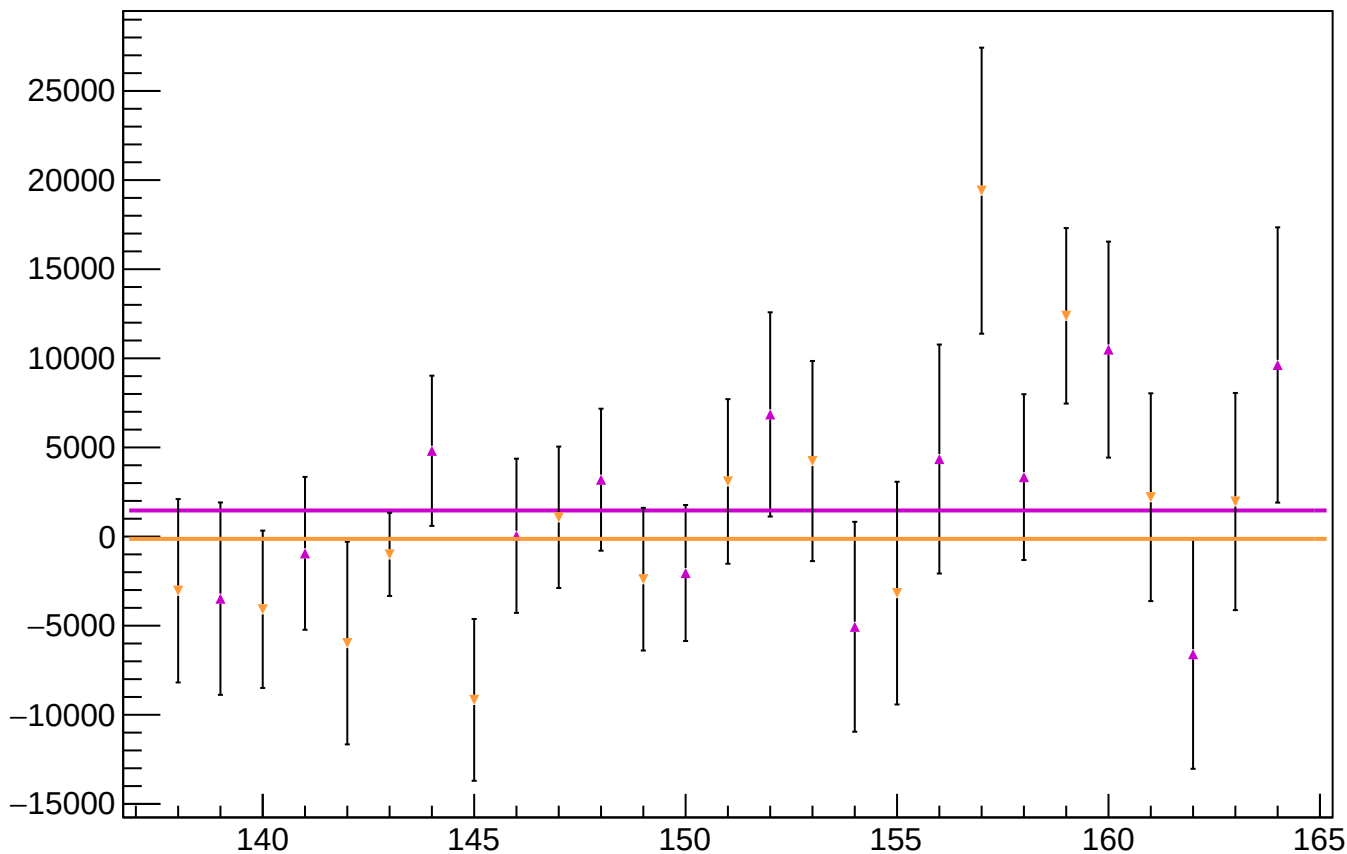
Left In: 1445.583+/-0.318 χ^2/NDF : 29840.0/12

+ sign 1445.005+/-0.249 χ^2/NDF : 743381.8/30

All: 1435.240+/-0.174 χ^2/NDF : 1138986.1/62

- sign 1425.874+/-0.244 χ^2/NDF : 392600.4/31

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -129.489+/-1198.923 χ^2/NDF :20.7/13

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

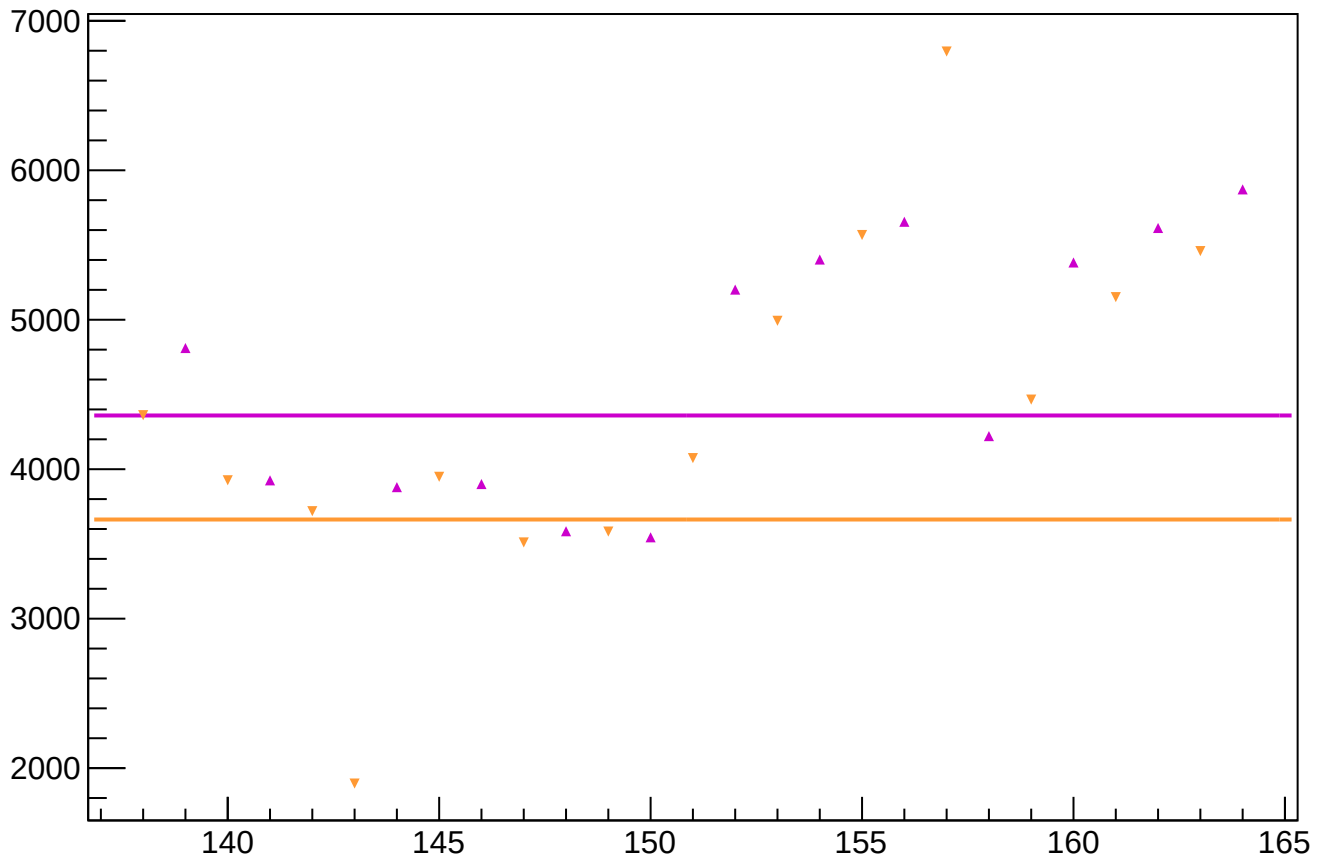
Left In: 1463.619+/-1376.071 χ^2/NDF :10.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.983+/-903.953 χ^2/NDF : 31.8/26

- 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: 3663.430+/-0.848 χ^2/NDF : 2178660.1/13

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

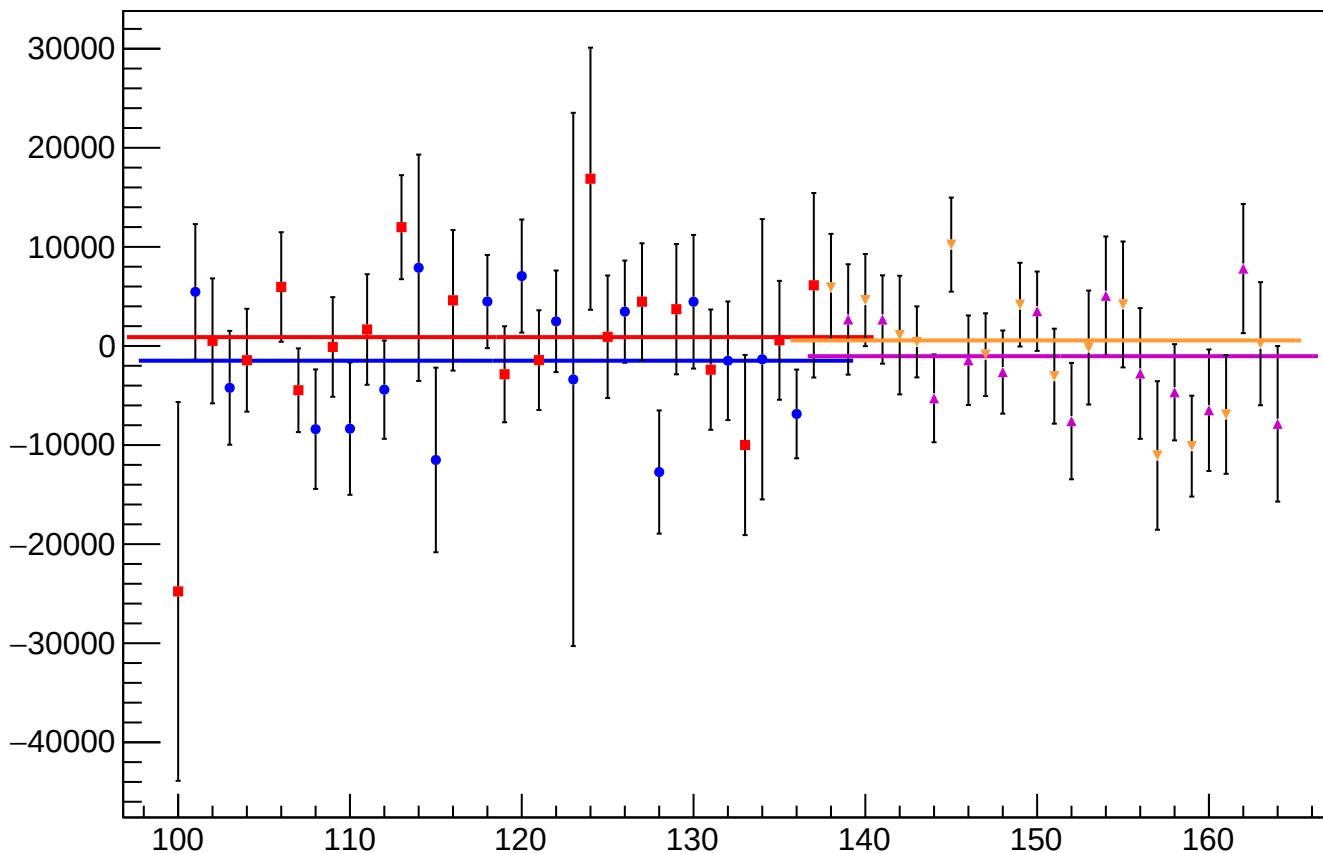
Left In: 4359.477+/-0.973 χ^2/NDF : 648925.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3963.794+/-0.639 χ^2/NDF : 3118479.1/20

- 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: 560.438+/-1345.124 χ^2/NDF : 16.0/13

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

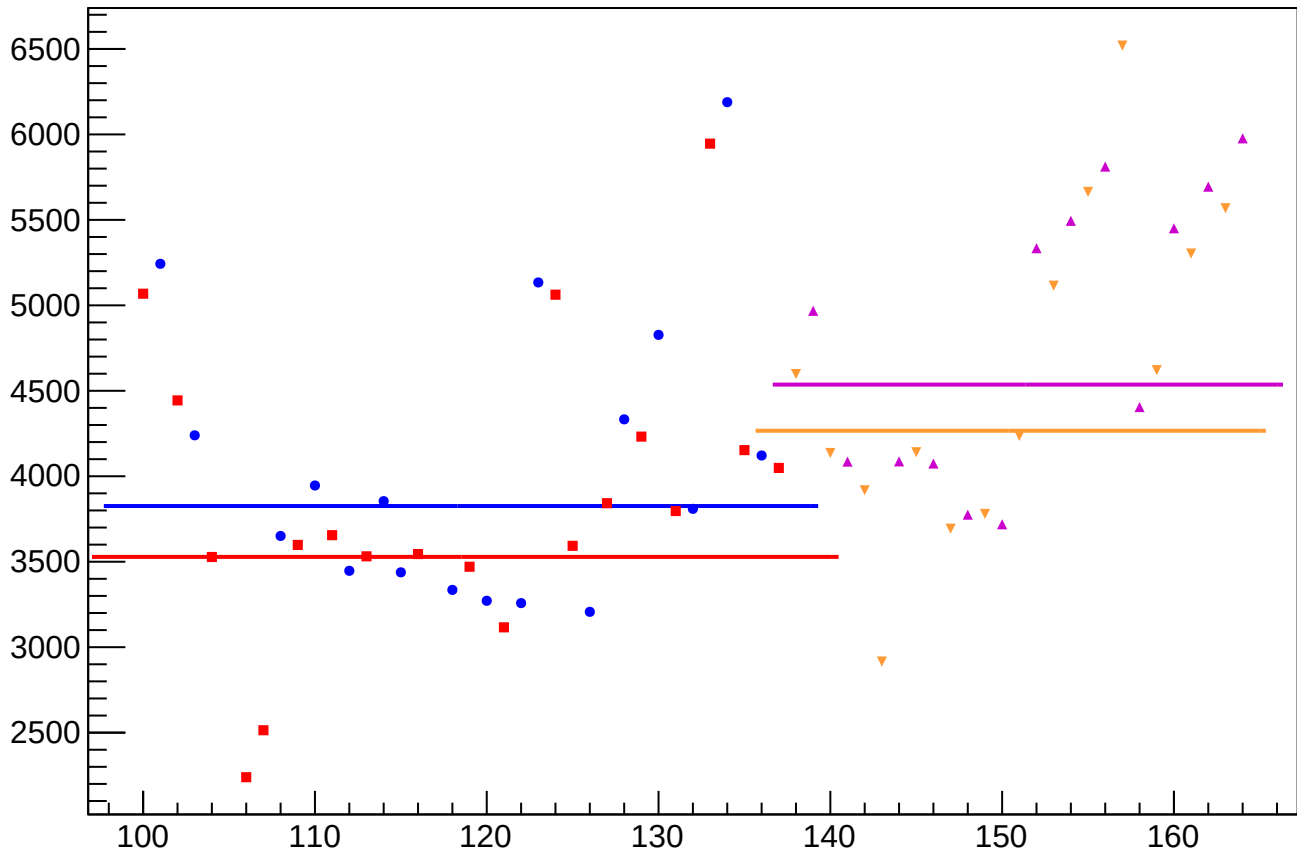
Left In: -1032.242+/-1428.481 χ^2/NDF : 9.8/12

+ sign -352.770+/-1001.177 χ^2/NDF : 33.7/30

All: -192.456+/-704.707 χ^2/NDF : 58.6/62

- sign -35.036+/-992.098 χ^2/NDF : 24.9/31

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4266.314+/-0.951 χ^2/NDF :844100.6/13

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

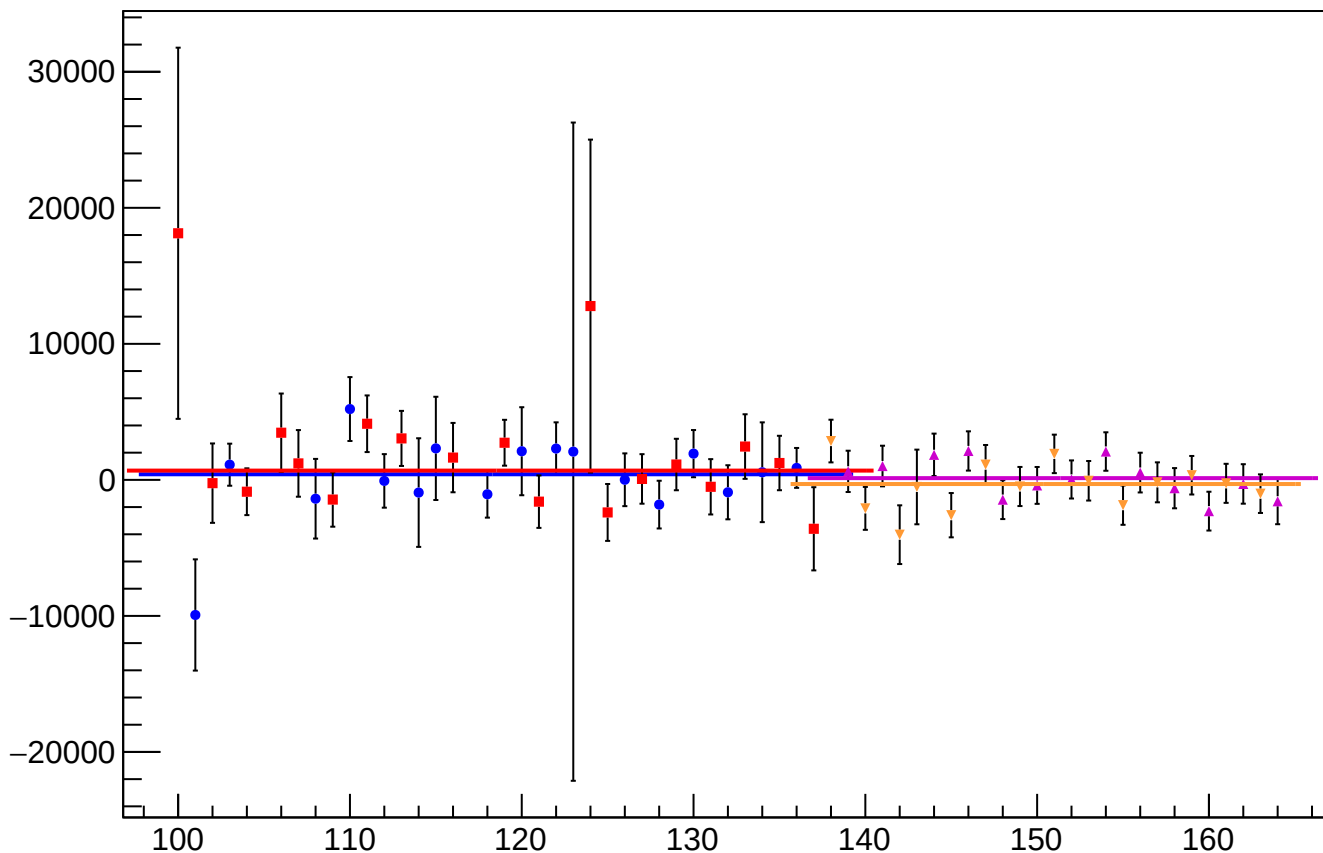
Left In: 4536.406+/-1.010 χ^2/NDF :562048.8/12

+ sign 4069.852+/-0.708 χ^2/NDF : 1274158.9/30

All: 4039.490+/-0.497 χ^2/NDF : 2915423.9/62

- sign 4009.957+/-0.698 χ^2/NDF : 1637636.5/31

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: -305.296 $\pm$ 411.918 χ^2 /NDF:15.4/13

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

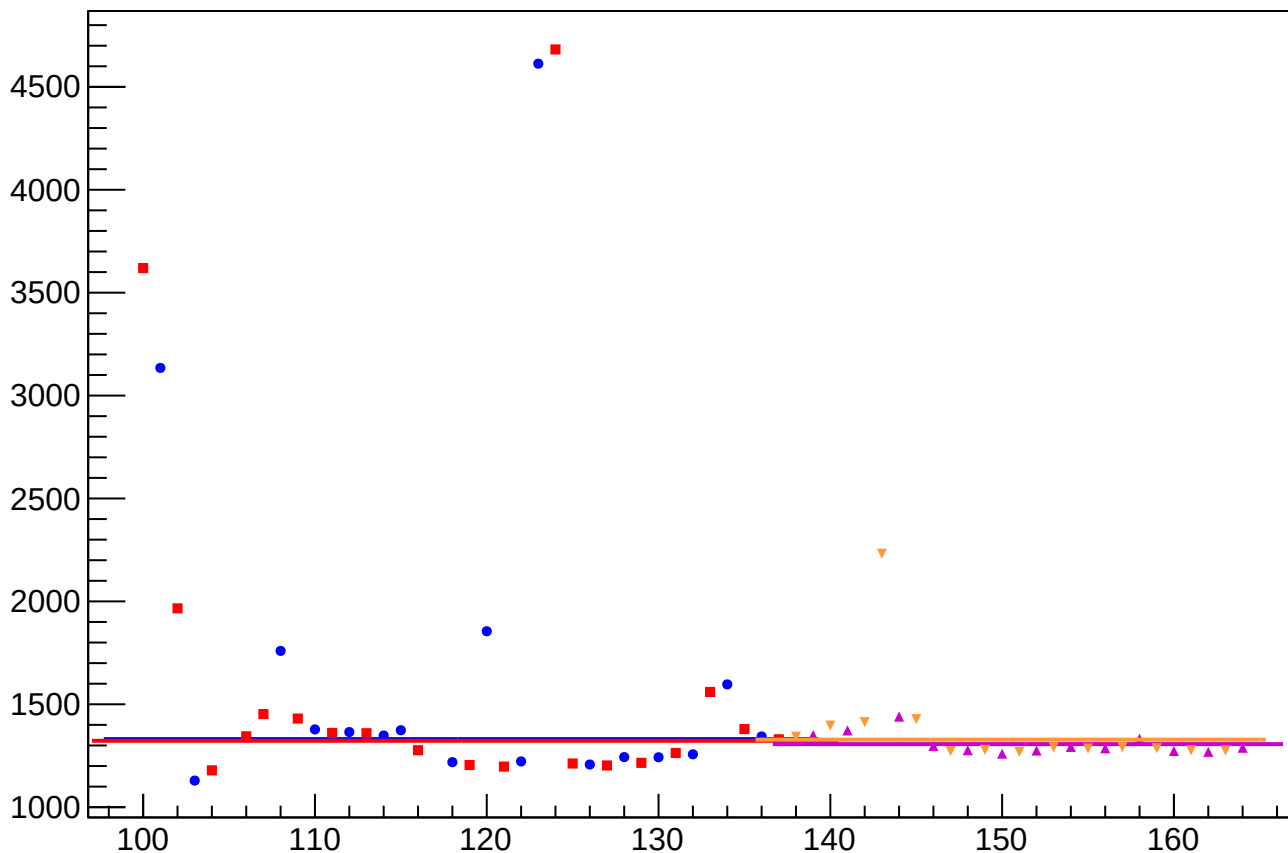
Left In: 127.944 $\pm$ 406.126 χ^2 /NDF:11.2/12

+ sign -34.112 $\pm$ 324.771 χ^2 /NDF: 33.1/30

All: 158.523 $\pm$ 227.124 χ^2 /NDF: 63.7/62

- sign 342.916 $\pm$ 317.747 χ^2 /NDF: 30.0/31

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: 1328.272 $\pm$ 0.291 χ^2 /NDF: 251580.3/13

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

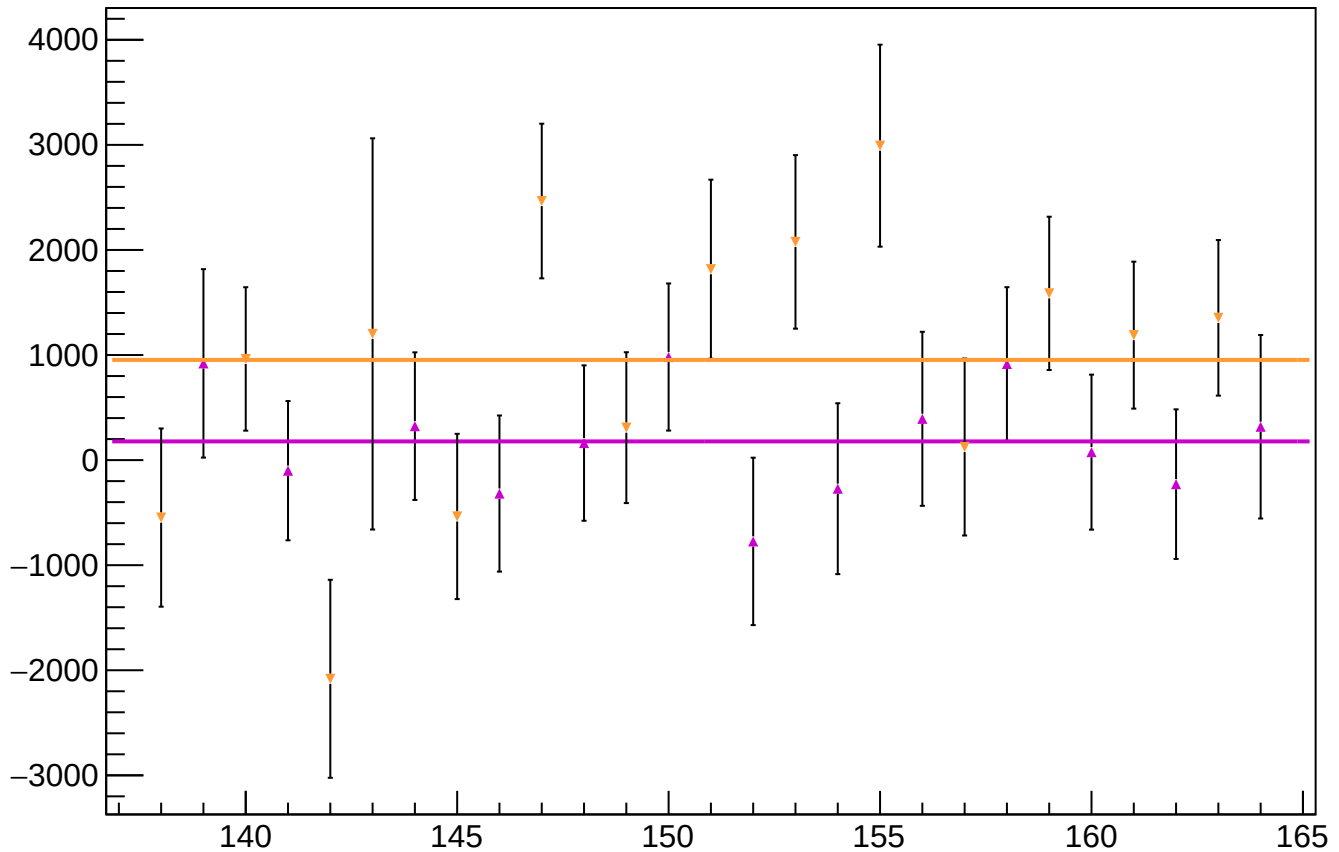
Left In: 1306.449 $\pm$ 0.287 χ^2 /NDF: 28519.7/12

+ sign 1329.262 $\pm$ 0.230 χ^2 /NDF: 855085.3/30

All: 1320.828 $\pm$ 0.161 χ^2 /NDF: 1281901.8/62

- sign 1312.754 $\pm$ 0.225 χ^2 /NDF: 424176.4/31

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 953.380+/-215.968 χ^2/NDF : 31.6/13

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

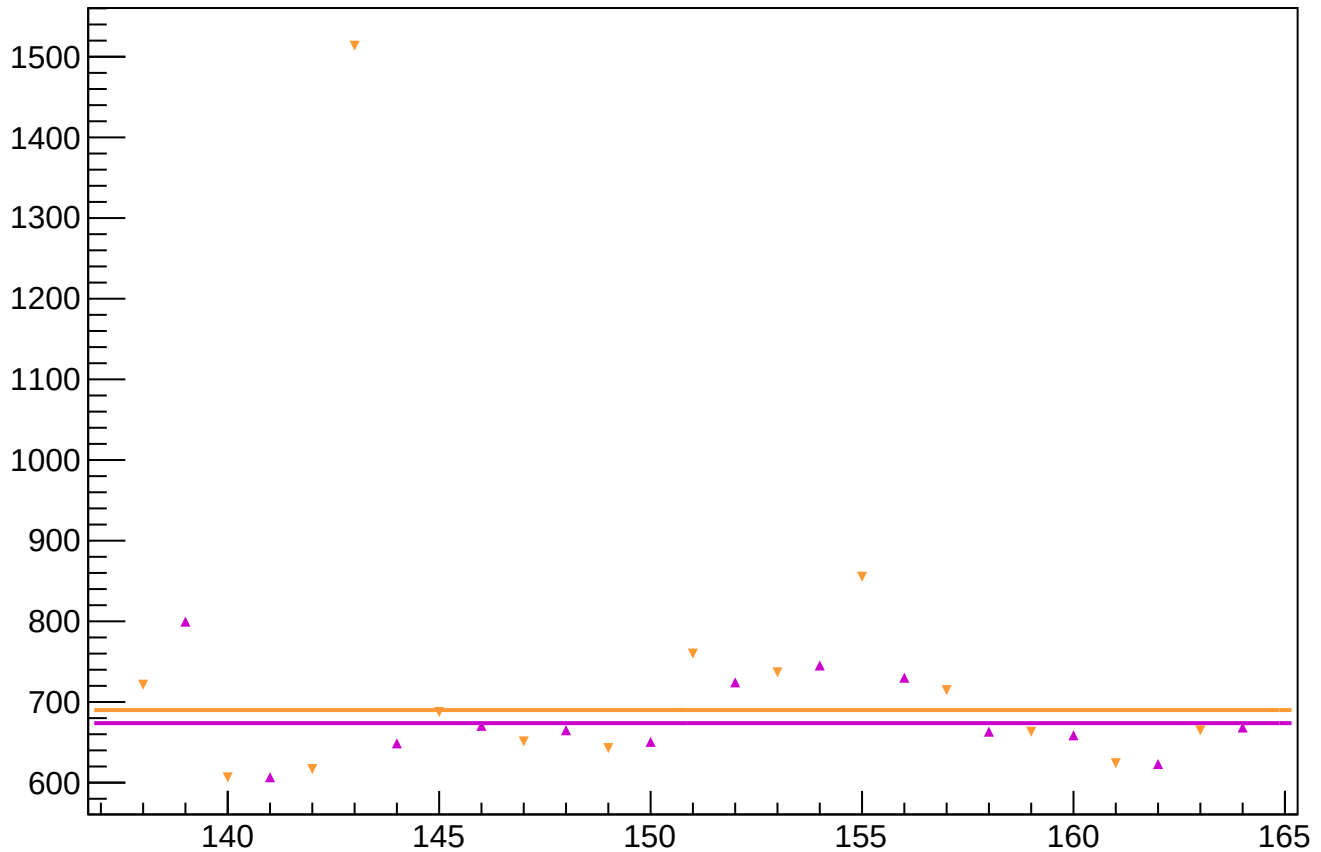
Left In: 177.954+/-209.568 χ^2/NDF : 5.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.007+/-150.399 χ^2/NDF : 44.1/26

- 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: 689.963+/-0.153 χ^2/NDF :554069.1/13

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

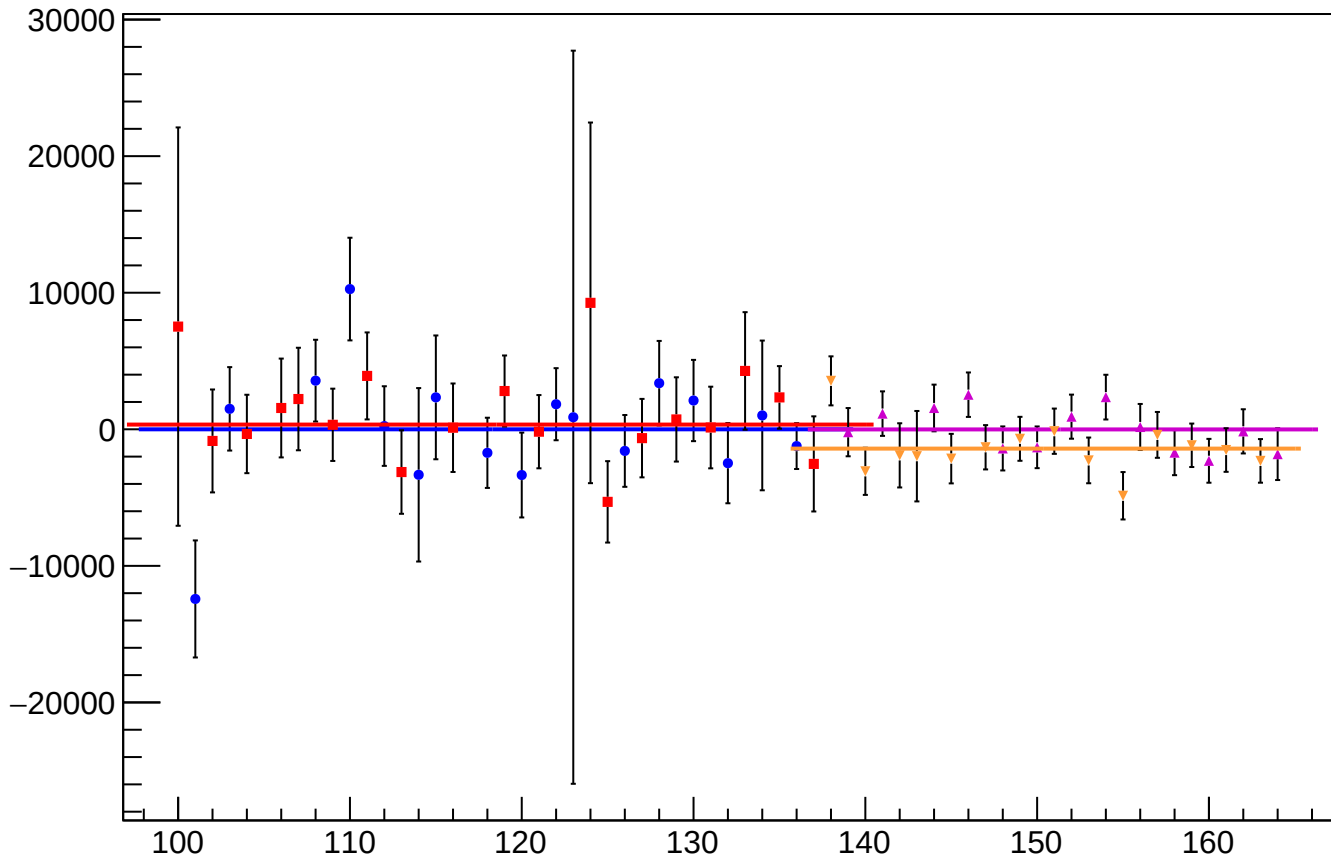
Left In: 673.752+/-0.148 χ^2/NDF :109148.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.614+/-0.106 χ^2/NDF : 669020.8/26

- 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: -1414.370 ± 467.470 χ^2/NDF : 14.5/13

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

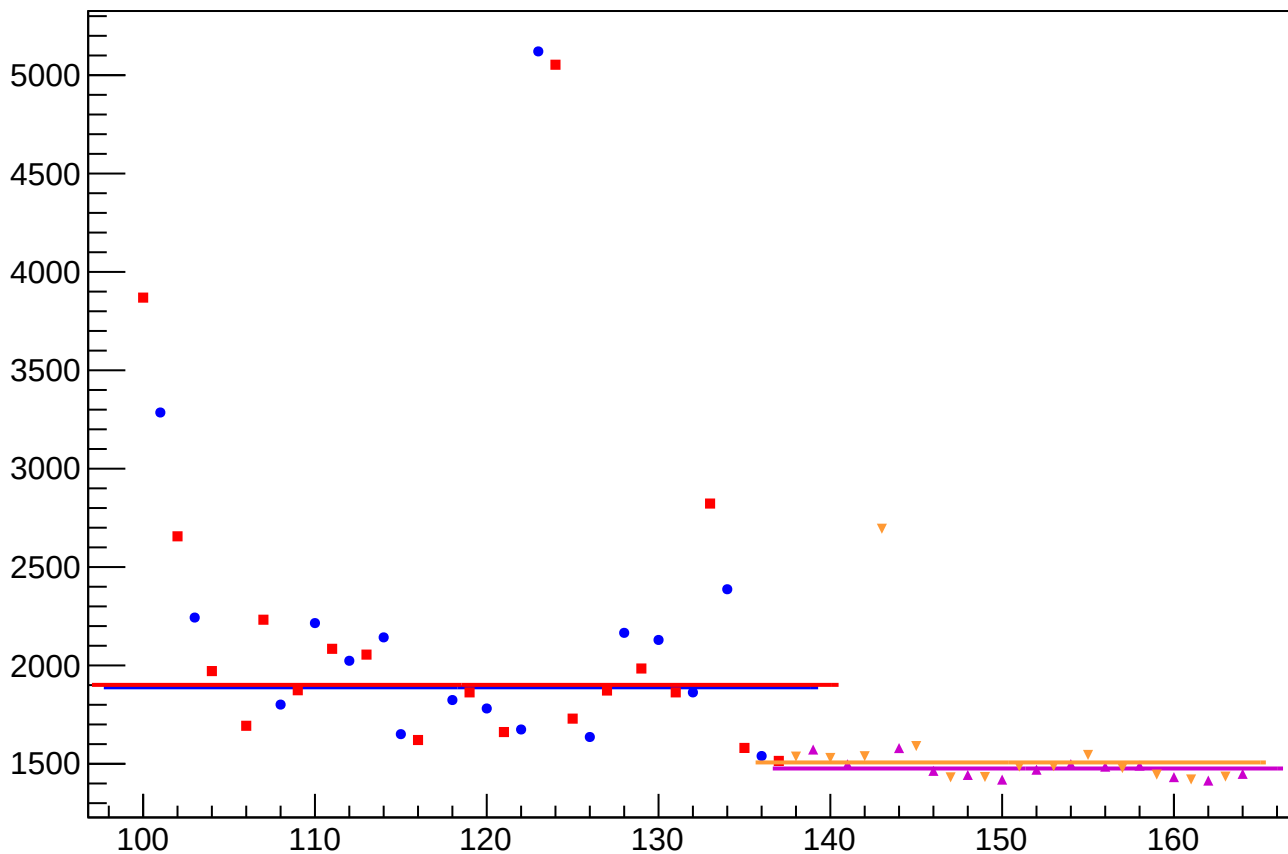
Left In: -9.386 ± 458.630 χ^2/NDF : 11.7/12

+ sign -1015.482 ± 395.981 χ^2/NDF : 40.6/30

All: -452.663 ± 277.465 χ^2/NDF : 67.2/62

- sign 90.219 ± 388.905 χ^2/NDF : 22.6/31

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1506.951 $\pm$ 0.331 χ^2/NDF : 286540.1/13

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

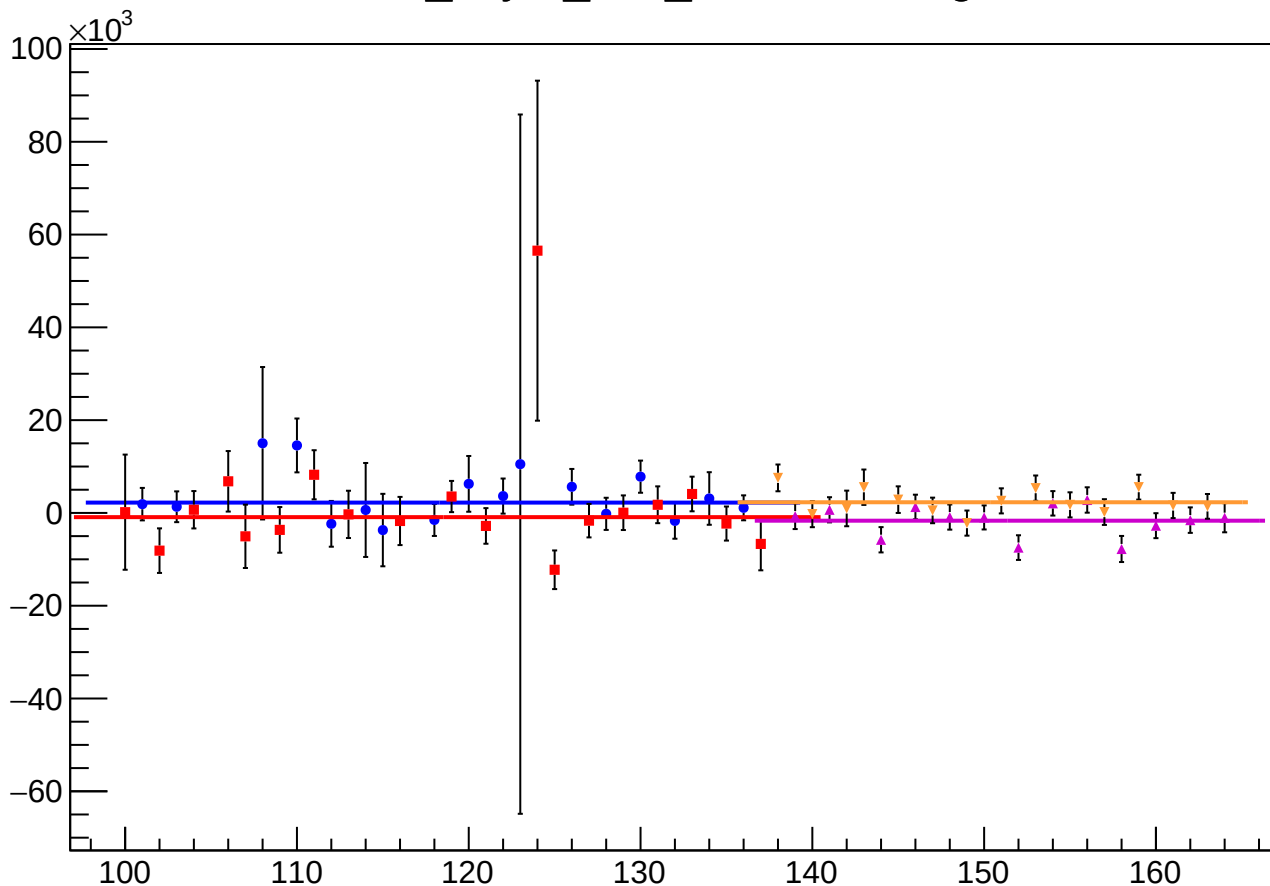
Left In: 1476.177 $\pm$ 0.324 χ^2/NDF : 22741.0/12

+ sign 1614.814 $\pm$ 0.280 χ^2/NDF : 1129347.6/30

All: 1605.034 $\pm$ 0.196 χ^2/NDF : 2098590.3/62

- sign 1595.601 $\pm$ 0.275 χ^2/NDF : 966846.2/31

dit_asym_atl1_mean vs Slug



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

Left Out: 2299.973 $\pm$ 761.436 χ^2 /NDF:11.7/13

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

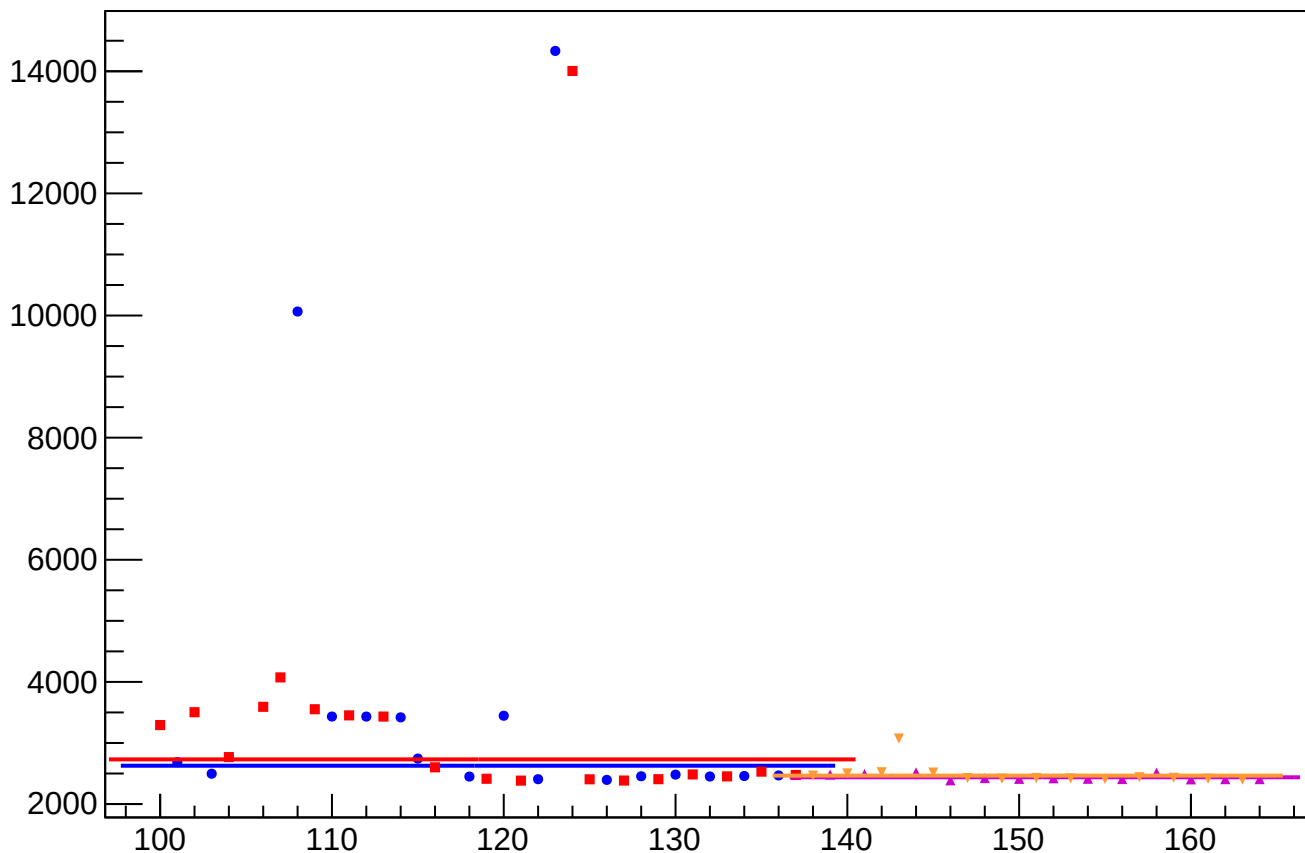
Left In: -1673.712 $\pm$ 757.485 χ^2 /NDF:18.9/12

+ sign 2274.665 $\pm$ 614.226 χ^2 /NDF: 25.3/30

All: 430.449 $\pm$ 434.132 χ^2 /NDF: 85.4/62

- sign -1410.529 $\pm$ 613.686 χ^2 /NDF: 42.1/31

dit_asym_atl1_rms vs Slug



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

Left Out: 2465.717+/-0.538 χ^2/NDF : 57661.2/13

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

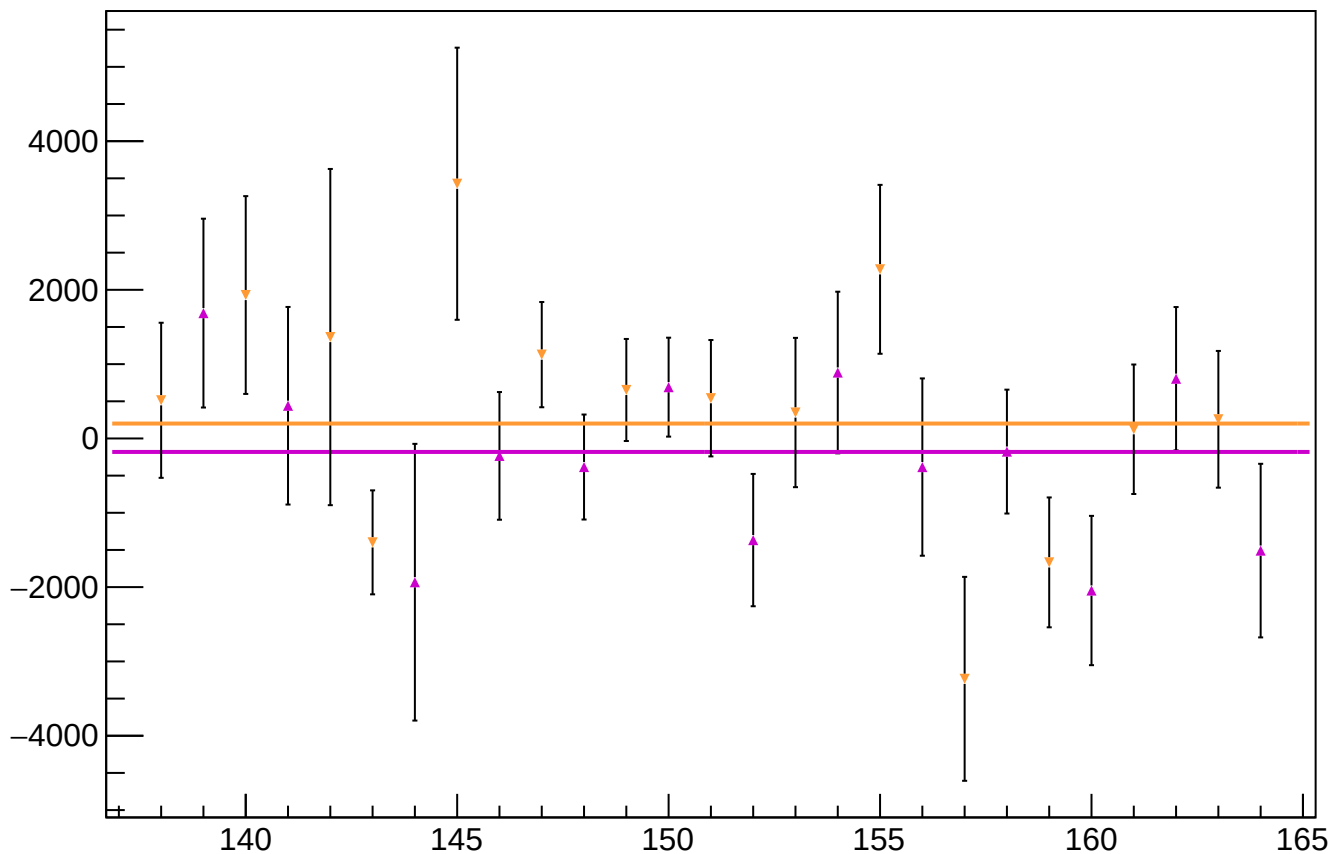
Left In: 2437.915+/-0.536 χ^2/NDF : 6673.8/12

+ sign 2522.251+/-0.434 χ^2/NDF : 733621.5/30

All: 2530.494+/-0.307 χ^2/NDF : 1442301.6/62

- sign 2538.723+/-0.434 χ^2/NDF : 707960.2/31

asym_atl1_correction_mean vs Slug



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

Left Out: 200.700+/-250.981 χ^2/NDF : 26.9/13

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

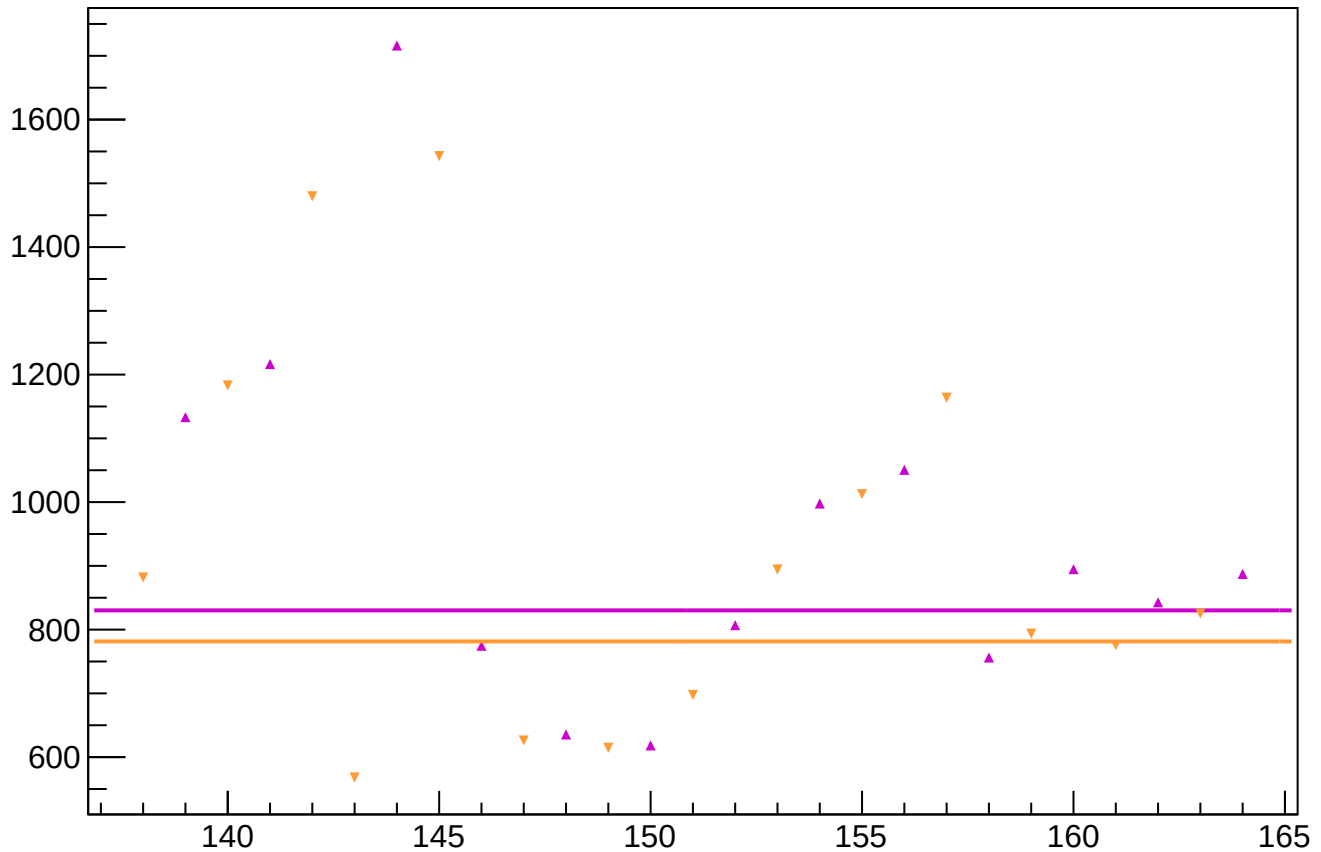
Left In: -181.282+/-265.930 χ^2/NDF : 13.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.746+/-182.526 χ^2/NDF : 41.6/26

- 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: 781.421+/-0.177 χ^2/NDF :1428674.3/13

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

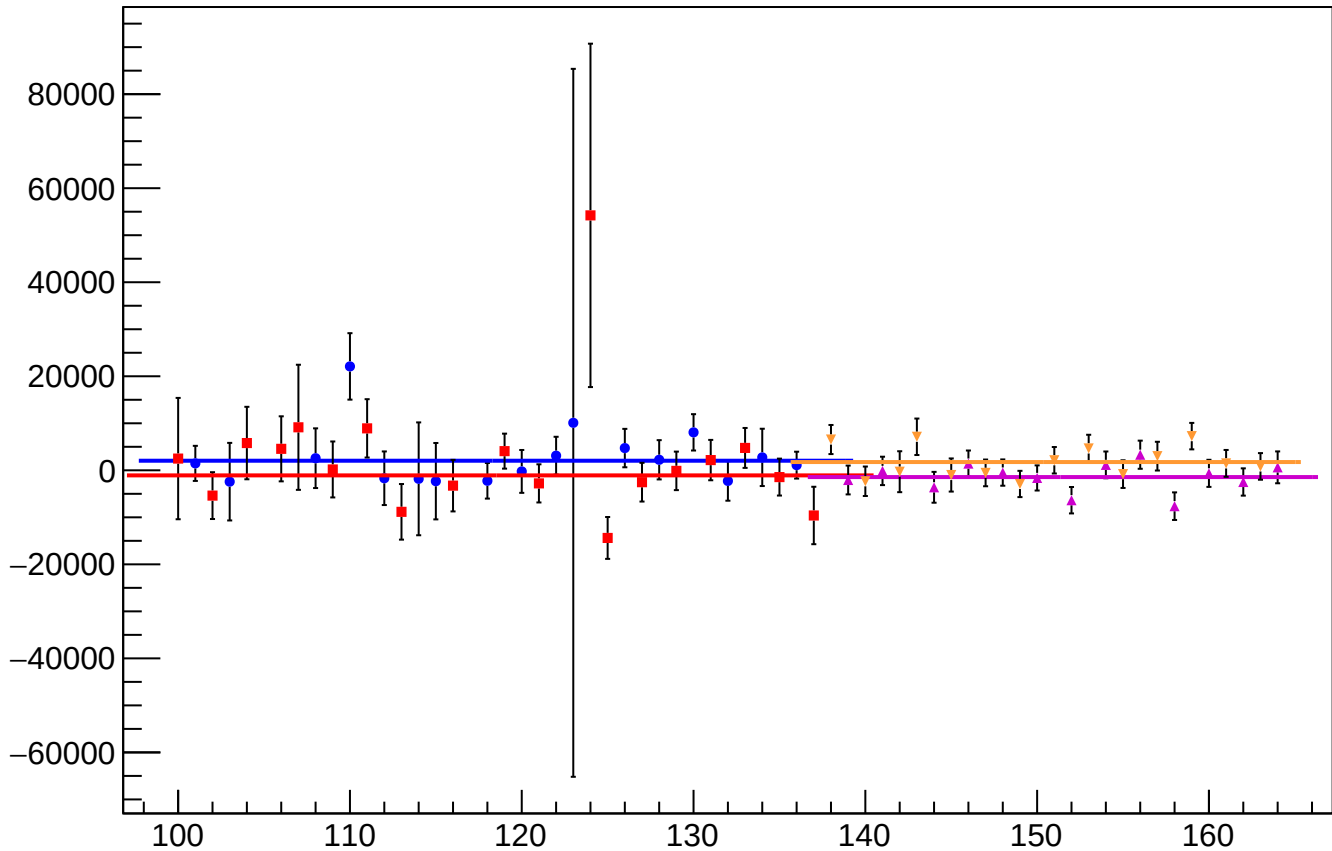
Left In: 830.178+/-0.188 χ^2/NDF :1244758.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 804.391+/-0.129 χ^2/NDF : 2708989.6/26

- 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: 1757.305+/-816.749 χ^2/NDF : 16.2/13

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

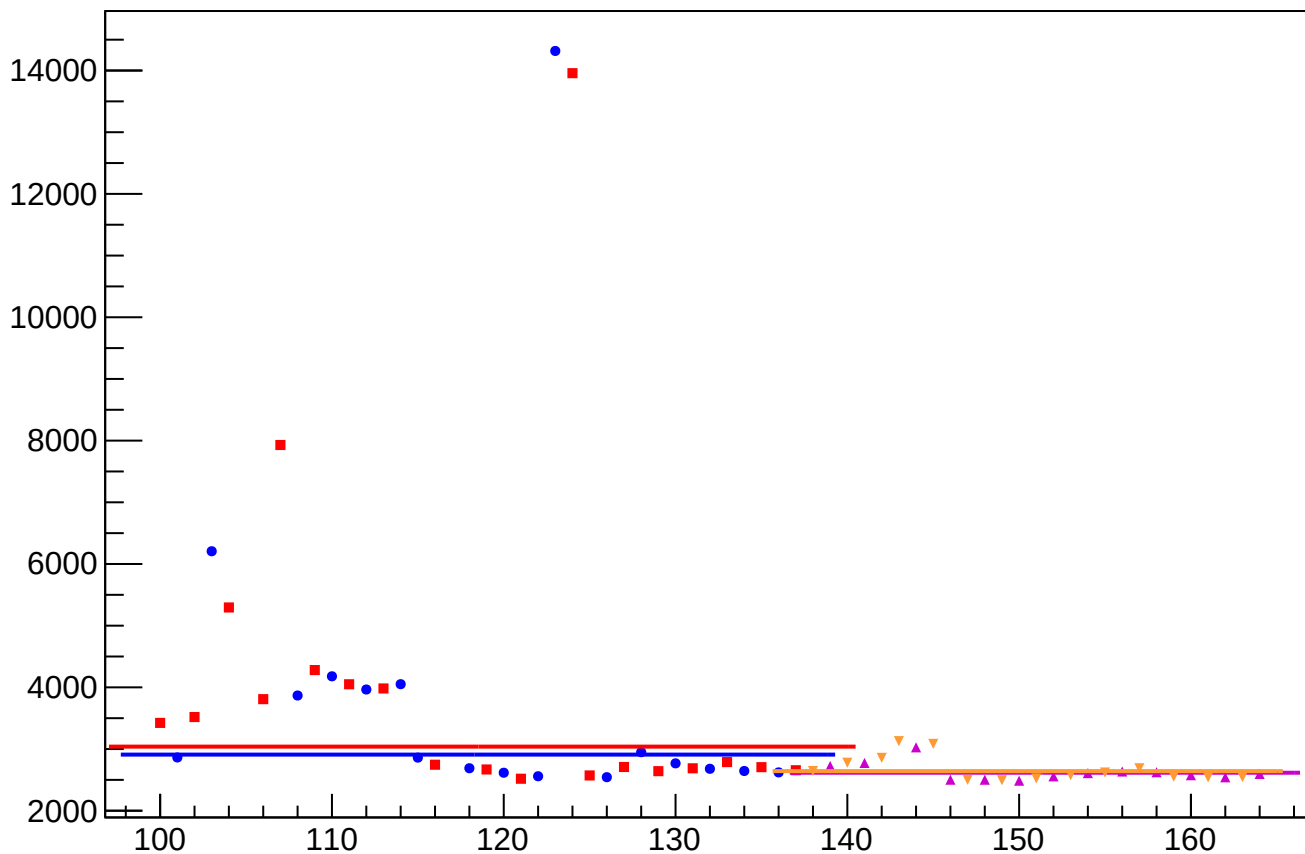
Left In: -1438.813+/-813.758 χ^2/NDF : 13.3/12

+ sign 1851.198+/-666.171 χ^2/NDF : 31.1/30

All: 275.303+/-472.793 χ^2/NDF : 81.0/62

- sign -1324.088+/-671.118 χ^2/NDF : 38.7/31

asym_atl1_rms vs Slug



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

Left Out: 2642.181+/-0.578 χ^2/NDF : 94063.2/13

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

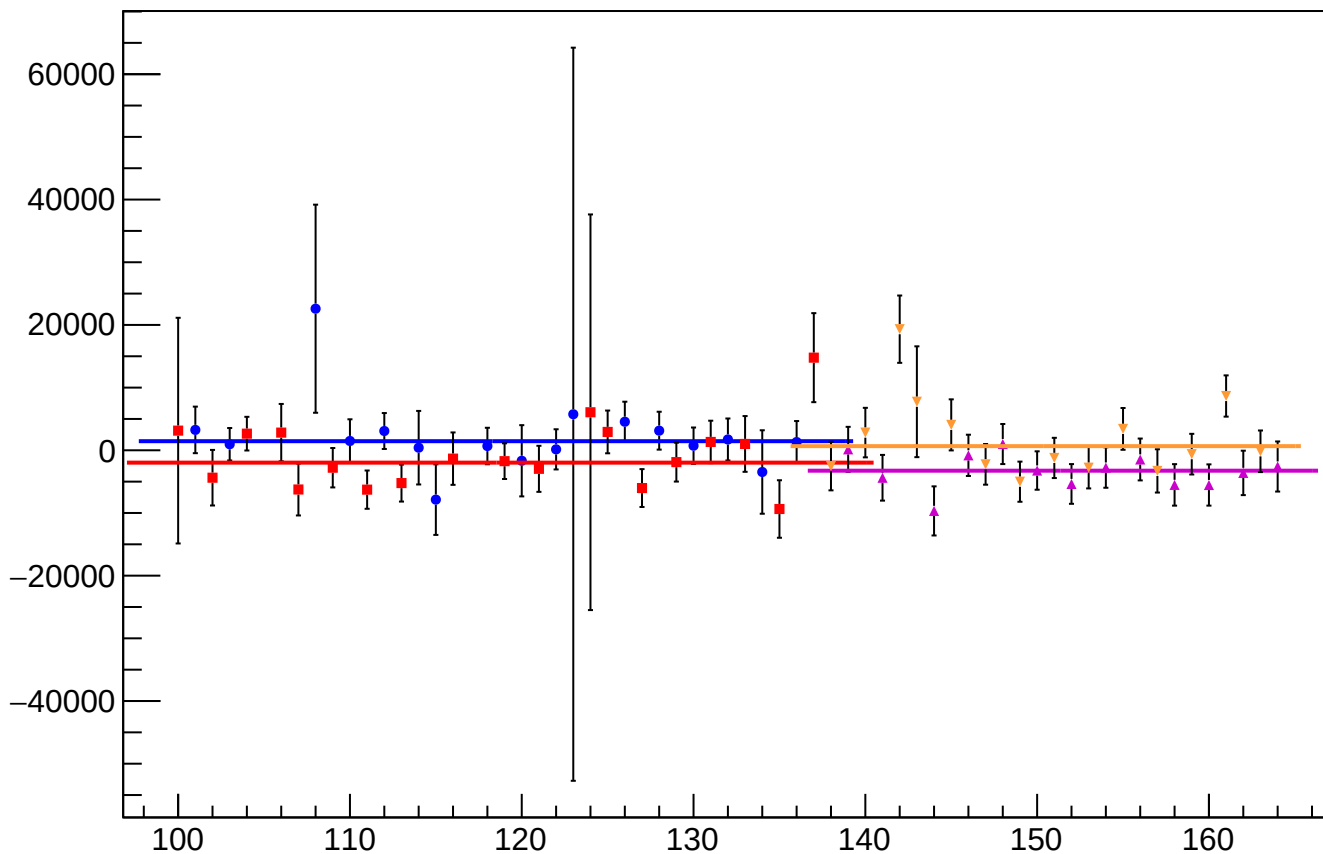
Left In: 2615.739+/-0.575 χ^2/NDF : 53530.5/12

+ sign 2731.740+/-0.471 χ^2/NDF : 807798.9/30

All: 2741.376+/-0.334 χ^2/NDF : 2046635.5/62

- sign 2751.155+/-0.475 χ^2/NDF : 1237993.5/31

dit_asym_atl2_mean vs Slug



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

Left Out: 662.371 $\pm$ 965.999 χ^2 /NDF: 27.9/13

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

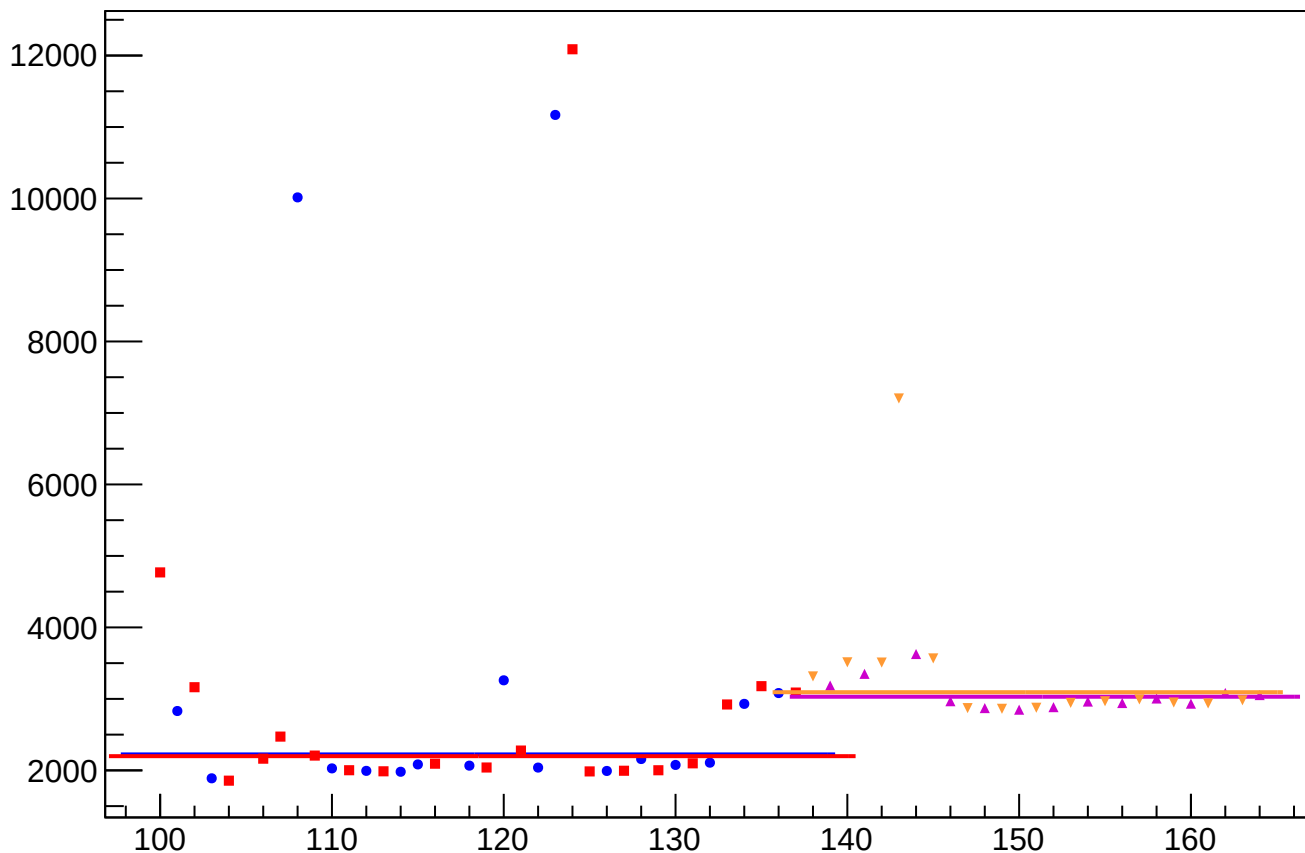
Left In: -3254.031 $\pm$ 942.295 χ^2 /NDF: 7.7/12

+ sign 1089.891 $\pm$ 654.151 χ^2 /NDF: 35.6/30

All: -792.499 $\pm$ 454.281 χ^2 /NDF: 82.8/62

- sign -2545.984 $\pm$ 631.356 χ^2 /NDF: 31.2/31

dit_asym_atl2_rms vs Slug



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

Left Out: 3093.528+/-0.683 χ^2/NDF : 548577.7/13

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

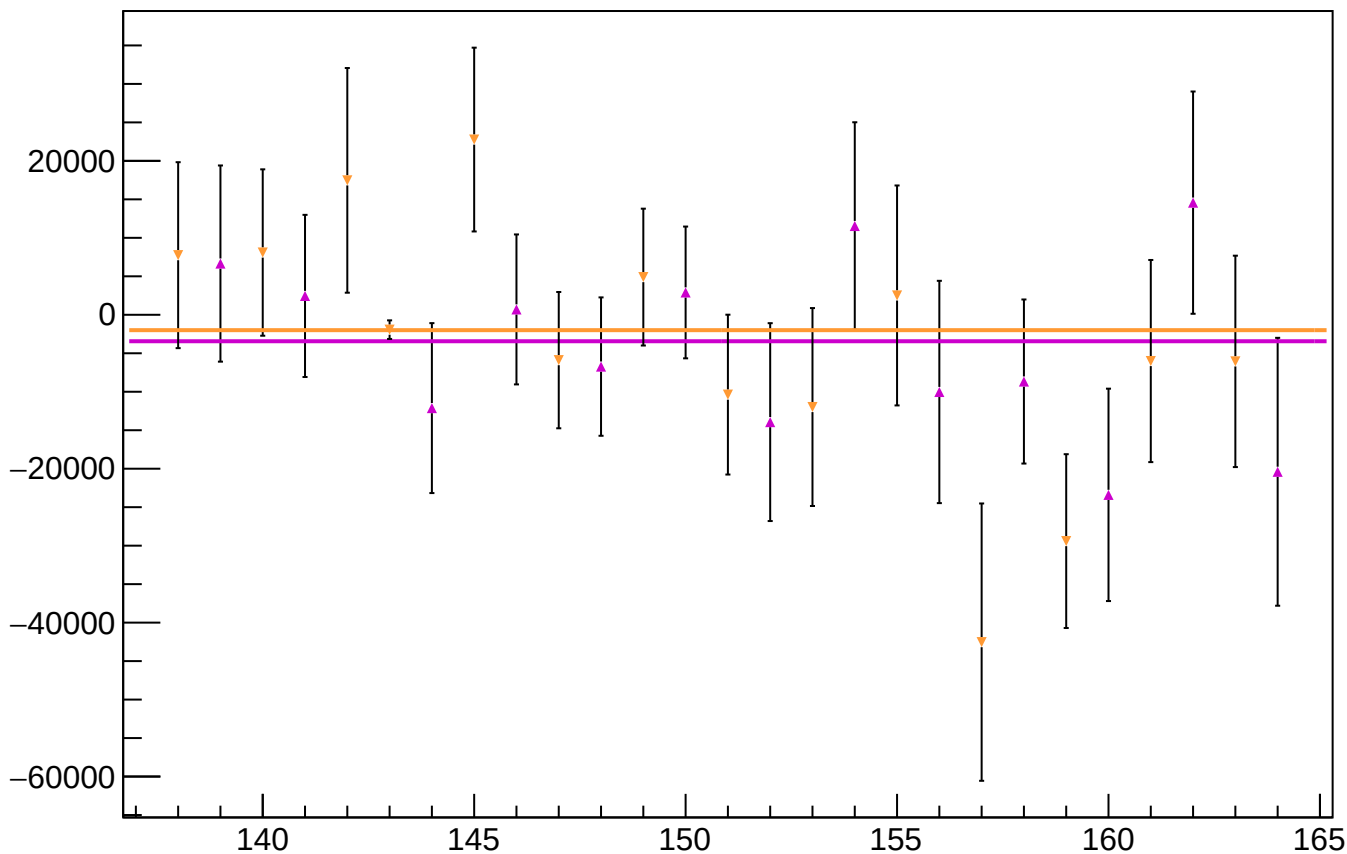
Left In: 3030.284+/-0.666 χ^2/NDF : 87267.4/12

+ sign 2622.266+/-0.463 χ^2/NDF : 2278001.3/30

All: 2596.105+/-0.321 χ^2/NDF : 3832676.4/62

- sign 2571.755+/-0.446 χ^2/NDF : 1548498.8/31

asym_atl2_correction_mean vs Slug



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

Left Out: -1997.842 $\pm$ 1132.802 χ^2 /NDF:20.9/13

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

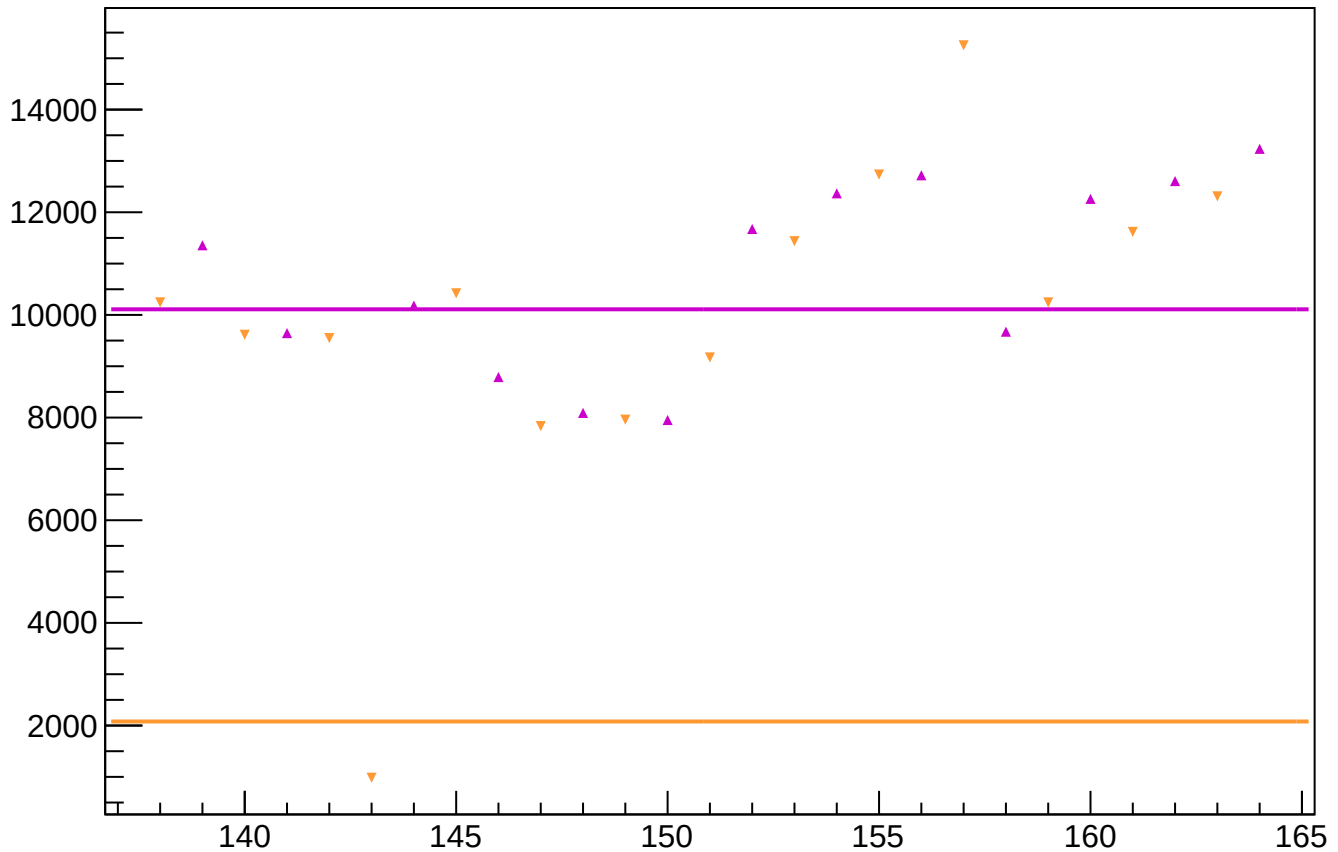
Left In: -3437.686 $\pm$ 3187.680 χ^2 /NDF:9.4/12

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

All: -2159.287 $\pm$ 1067.406 χ^2 /NDF: 30.4/26

- 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: 2079.134+/-0.801 χ^2/NDF :14133369.2/13

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

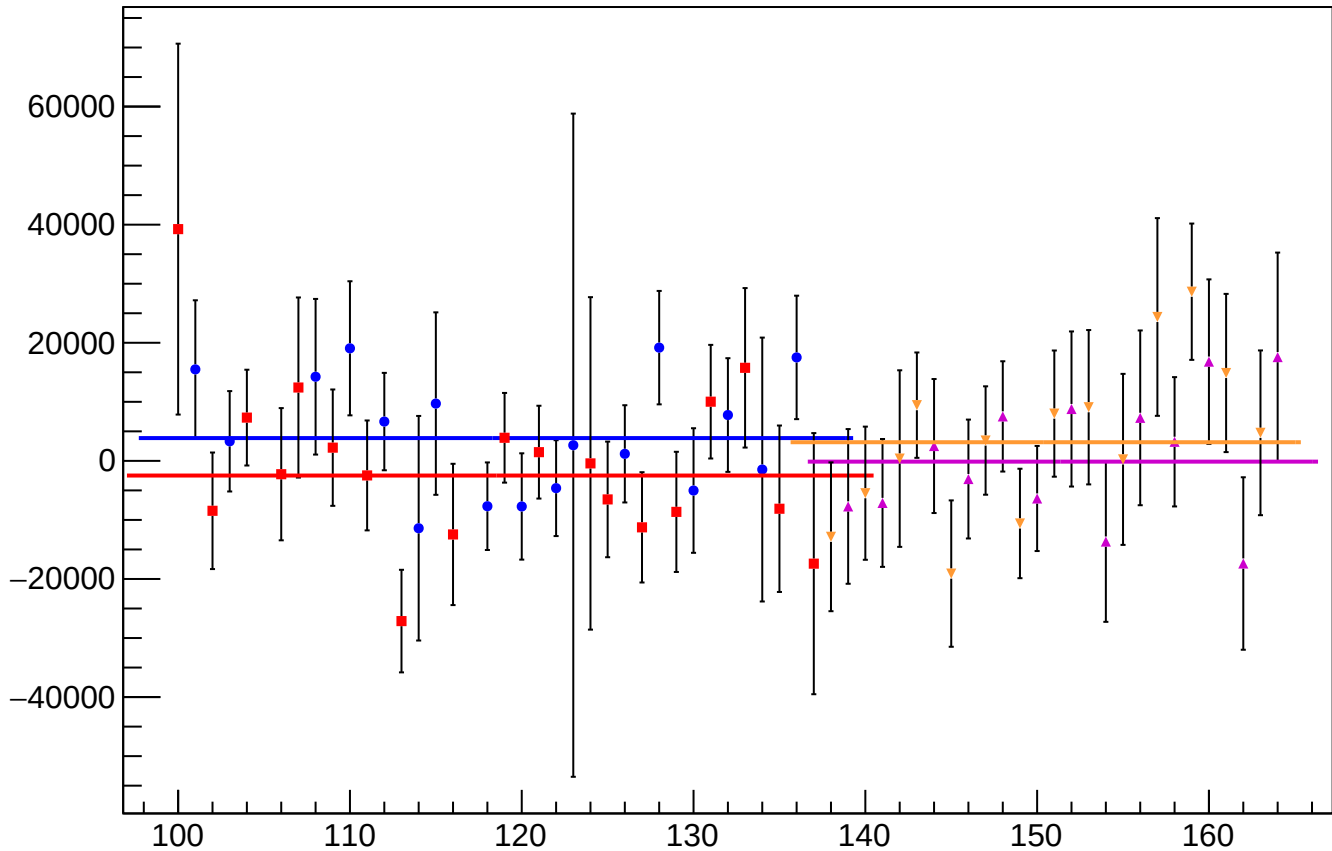
Left In: 10109.267+/-2.254 χ^2/NDF :615129.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2979.528+/-0.755 χ^2/NDF : 26017280.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



Right In: 3859.866 $\pm$ 2508.782 χ^2 /NDF: 14.8/16

Left Out: 3157.873 $\pm$ 3125.053 χ^2 /NDF: 15.9/13

Right Out: -2482.925 $\pm$ 2421.310 χ^2 /NDF: 20.0/18

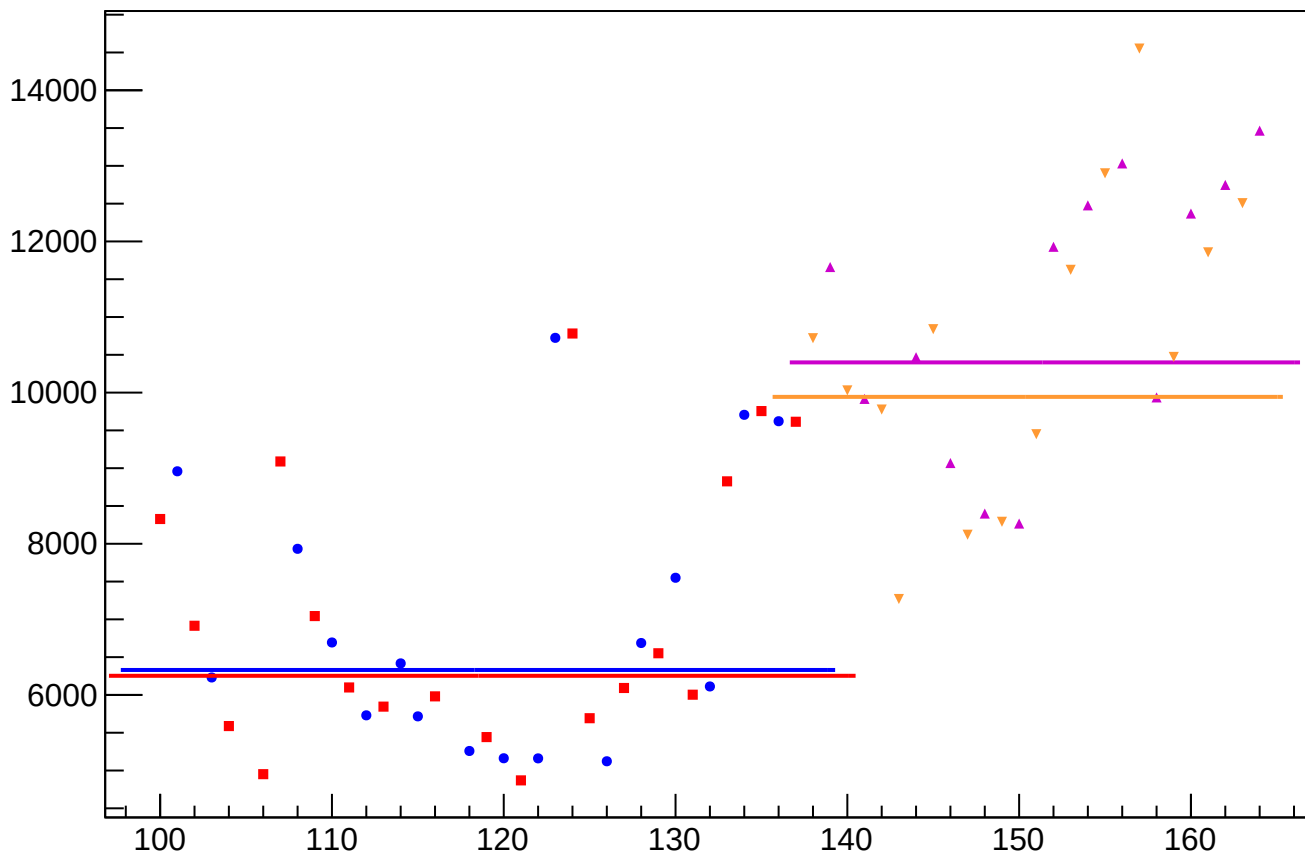
Left In: -129.574 $\pm$ 3274.978 χ^2 /NDF: 7.7/12

+ sign 3584.751 $\pm$ 1956.358 χ^2 /NDF: 30.7/30

All: 954.187 $\pm$ 1380.022 χ^2 /NDF: 62.4/62

- sign -1651.185 $\pm$ 1946.968 χ^2 /NDF: 28.1/31

asym_atl2_rms vs Slug



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

Left Out: 9943.515+/-2.210 χ^2/NDF : 725463.1/13

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

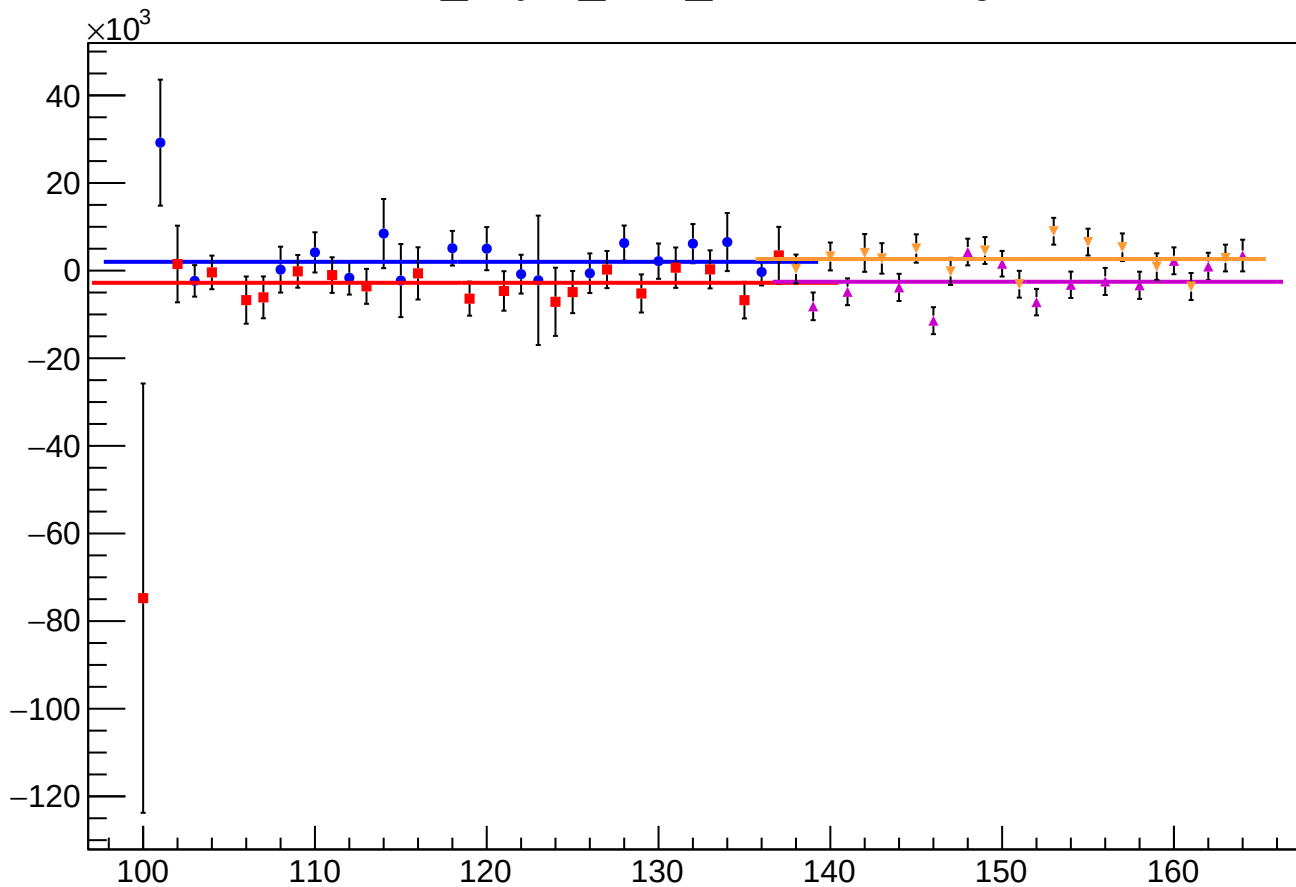
Left In: 10399.600+/-2.316 χ^2/NDF : 556528.4/12

+ sign 7746.327+/-1.383 χ^2/NDF : 2944696.4/30

All: 7732.422+/-0.976 χ^2/NDF : 6109590.4/62

- sign 7718.650+/-1.377 χ^2/NDF : 3164692.9/31

dit_asym_atr1_mean vs Slug



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

Left Out: 2647.009 $\pm$ 852.325 χ^2 /NDF: 17.0/13

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

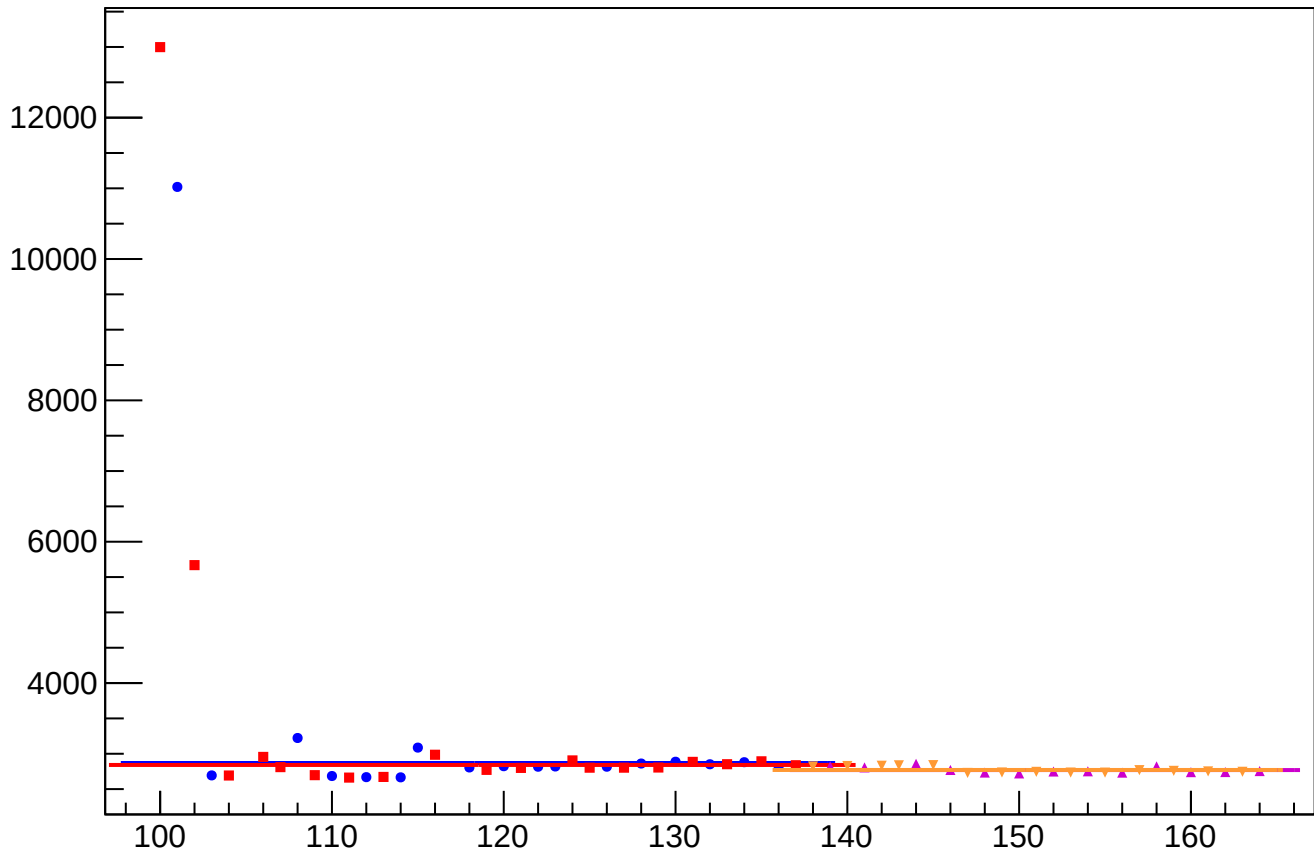
Left In: -2544.907 $\pm$ 859.058 χ^2 /NDF: 28.1/12

+ sign 2415.452 $\pm$ 681.385 χ^2 /NDF: 29.3/30

All: -138.469 $\pm$ 479.104 χ^2 /NDF: 95.0/62

- sign -2635.762 $\pm$ 673.789 χ^2 /NDF: 38.0/31

dit_asym_atr1_rms vs Slug



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

Left Out: 2770.599+/-0.603 χ^2/NDF : 4736.1/13

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

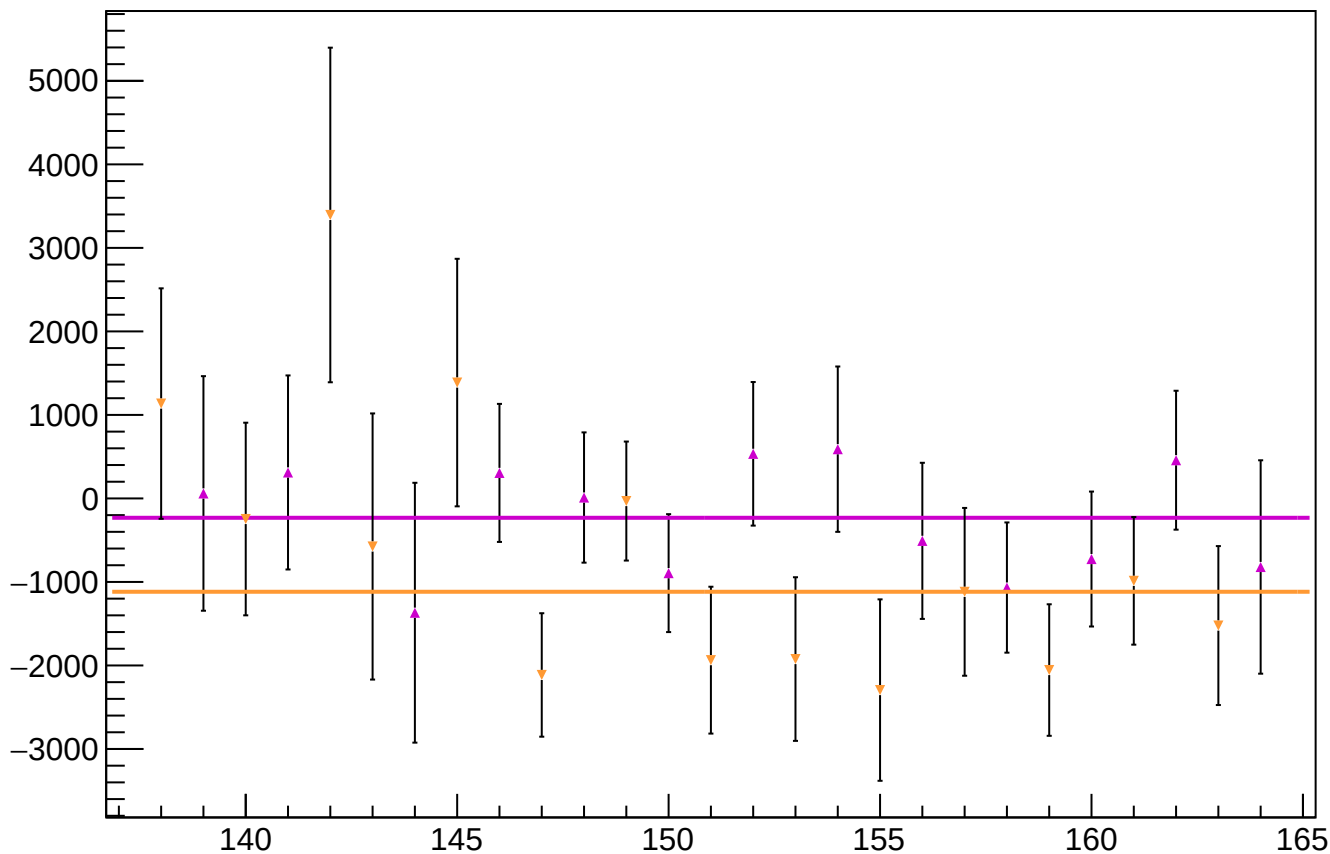
Left In: 2769.289+/-0.607 χ^2/NDF : 4679.1/12

+ sign 2806.182+/-0.482 χ^2/NDF : 684295.6/30

All: 2801.590+/-0.339 χ^2/NDF : 1007124.5/62

- sign 2797.101+/-0.476 χ^2/NDF : 322649.3/31

asym_atr1_correction_mean vs Slug



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

Left Out: -1117.521+/-260.115 χ^2/NDF :19.8/13

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

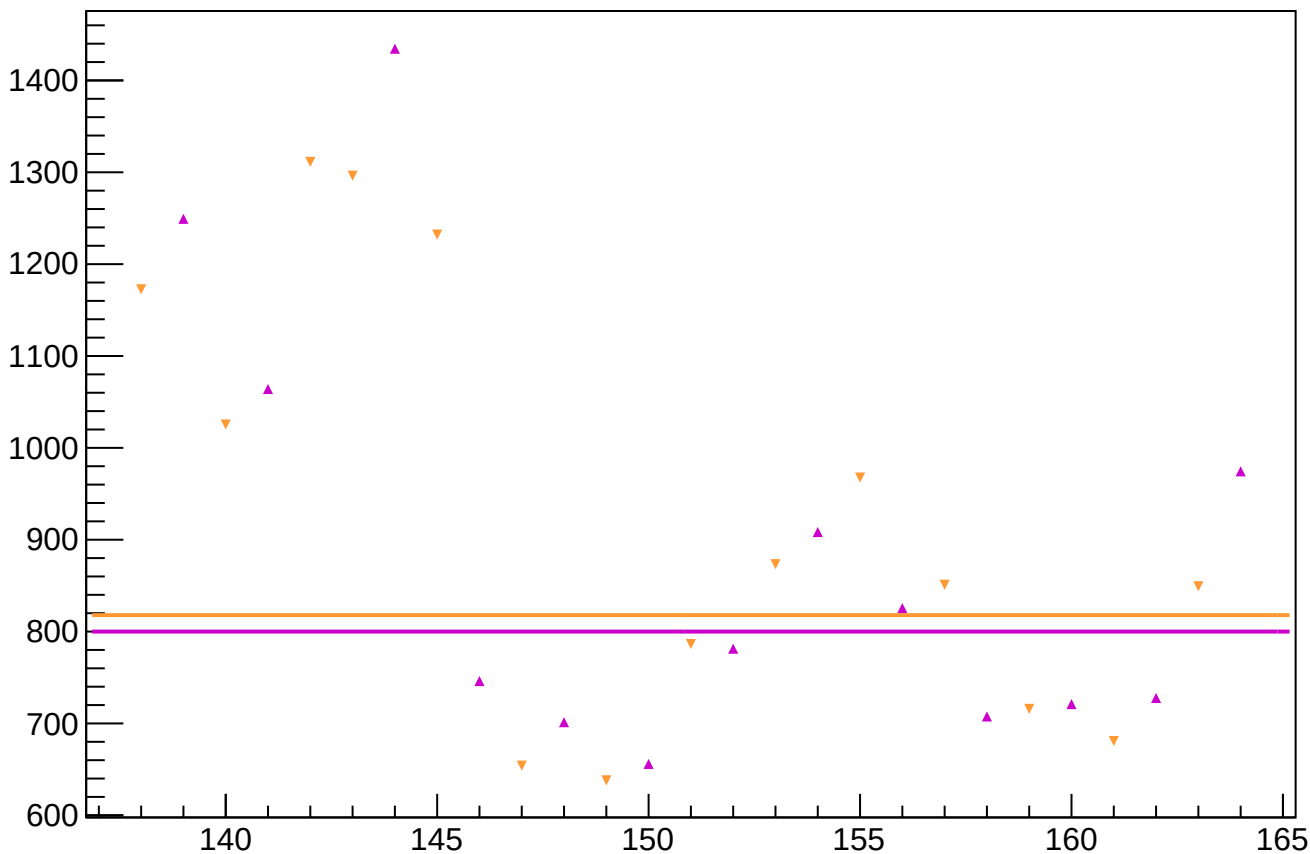
Left In: -231.752+/-253.755 χ^2/NDF :6.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -663.676+/-181.639 χ^2/NDF : 31.9/26

- 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: 817.909+/-0.184 χ^2/NDF :1029808.7/13

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

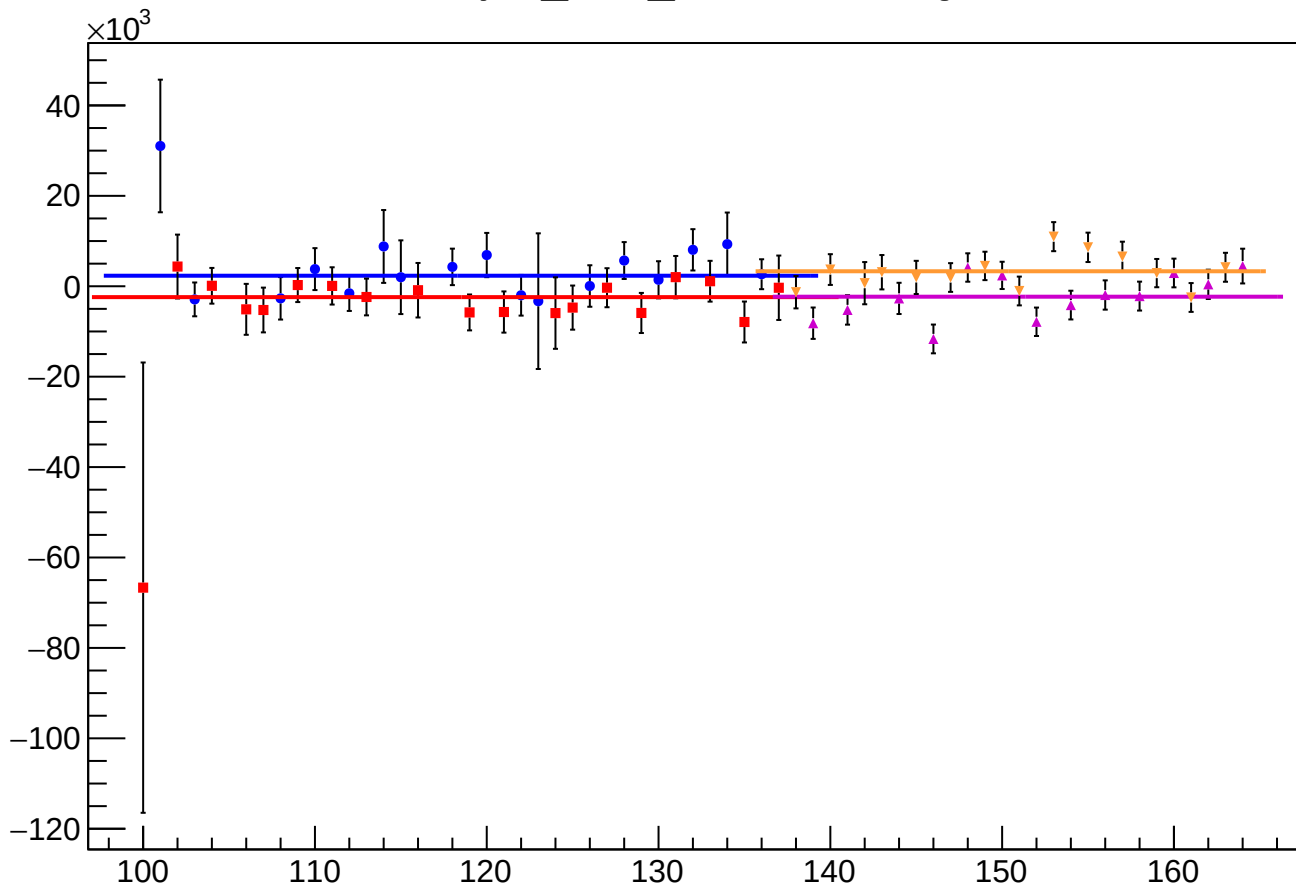
Left In: 799.995+/-0.179 χ^2/NDF :890642.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 808.730+/-0.128 χ^2/NDF : 1925311.6/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



Right In: 2330.134 $\pm$ 1156.555 χ^2 /NDF: 14.4/16

Left Out: 3316.928 $\pm$ 899.931 χ^2 /NDF:17.1/13

Right Out: -2403.750 $\pm$ 1110.093 χ^2 /NDF: 10.1/18

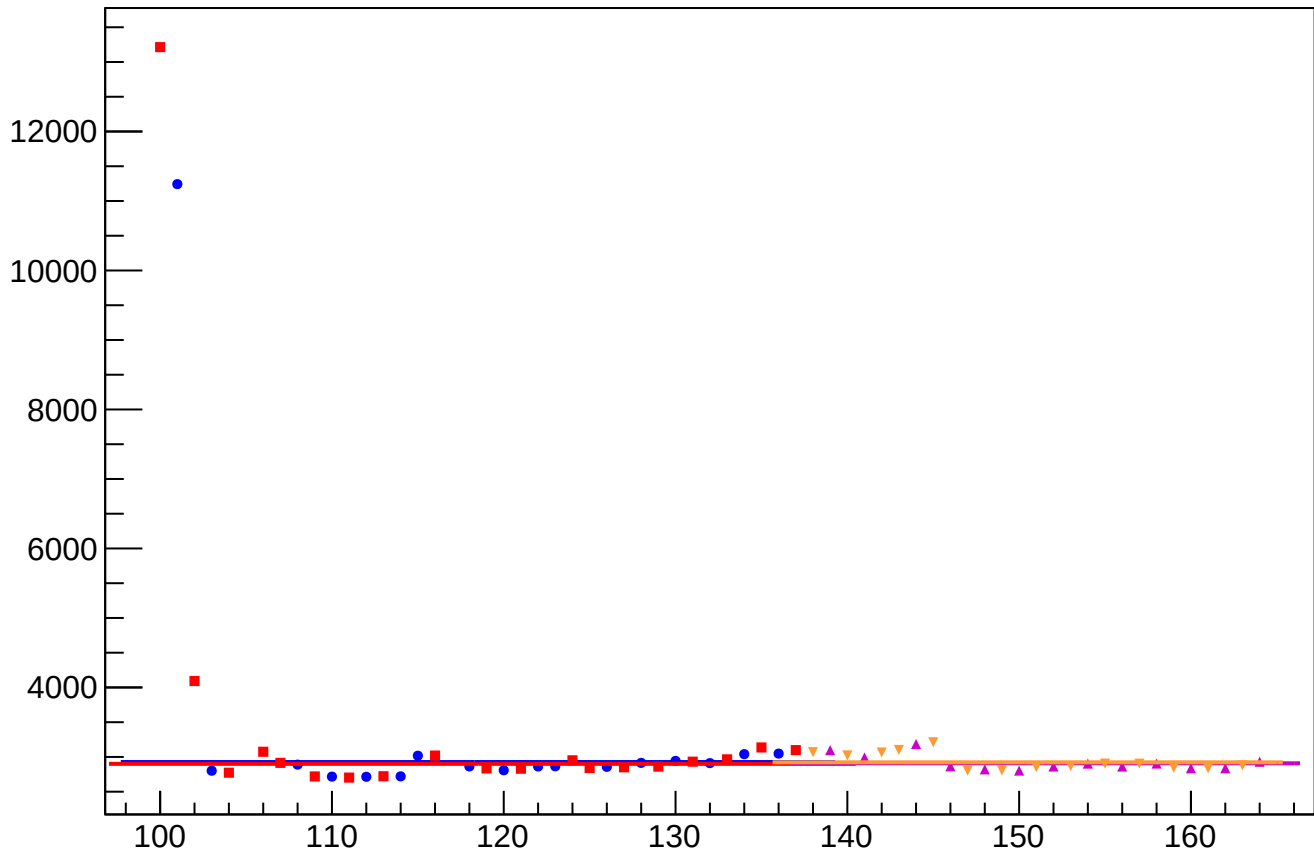
Left In: -2309.532 $\pm$ 902.837 χ^2 /NDF:29.0/12

+ sign 2944.782 $\pm$ 710.247 χ^2 /NDF: 31.9/30

All: 262.049 $\pm$ 498.714 χ^2 /NDF: 99.1/62

- sign -2347.042 $\pm$ 700.431 χ^2 /NDF: 39.1/31

asym_atr1_rms vs Slug



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

Left Out: 2922.899+/-0.636 χ^2/NDF : 33890.5/13

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

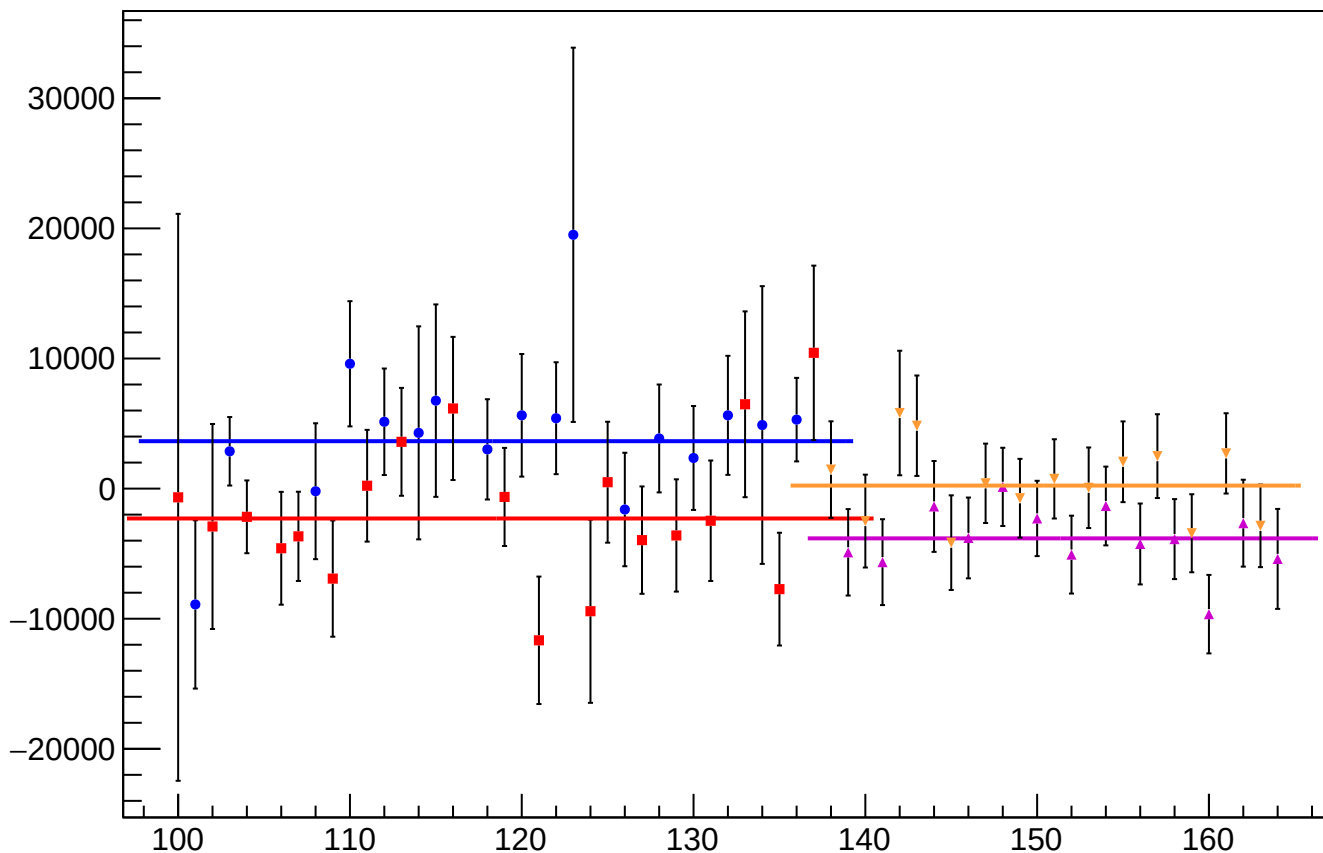
Left In: 2908.756+/-0.638 χ^2/NDF : 27409.2/12

+ sign 2924.299+/-0.502 χ^2/NDF : 696697.7/30

All: 2914.819+/-0.353 χ^2/NDF : 894737.7/62

- sign 2905.599+/-0.495 χ^2/NDF : 197337.2/31

dit_asym_atr2_mean vs Slug



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

Left Out: 232.715+/-883.266 χ^2/NDF : 9.0/13

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

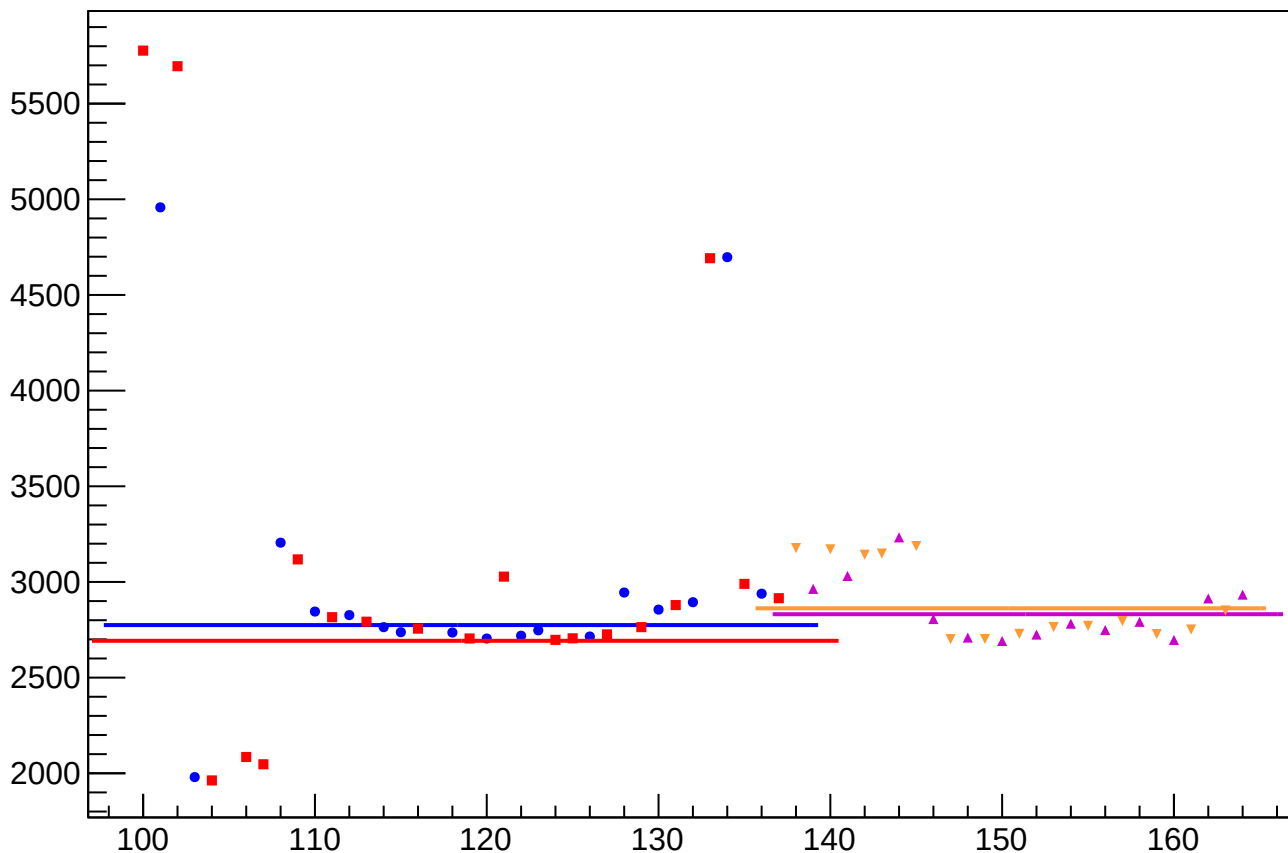
Left In: -3825.018+/-878.598 χ^2/NDF : 7.8/12

+ sign 1583.124+/-686.612 χ^2/NDF : 24.8/30

All: -852.812+/-480.620 χ^2/NDF : 76.9/62

- sign -3193.053+/-672.990 χ^2/NDF : 27.5/31

dit_asym_atr2_rms vs Slug



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

Left Out: 2862.233+/-0.625 χ^2/NDF : 89438.8/13

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

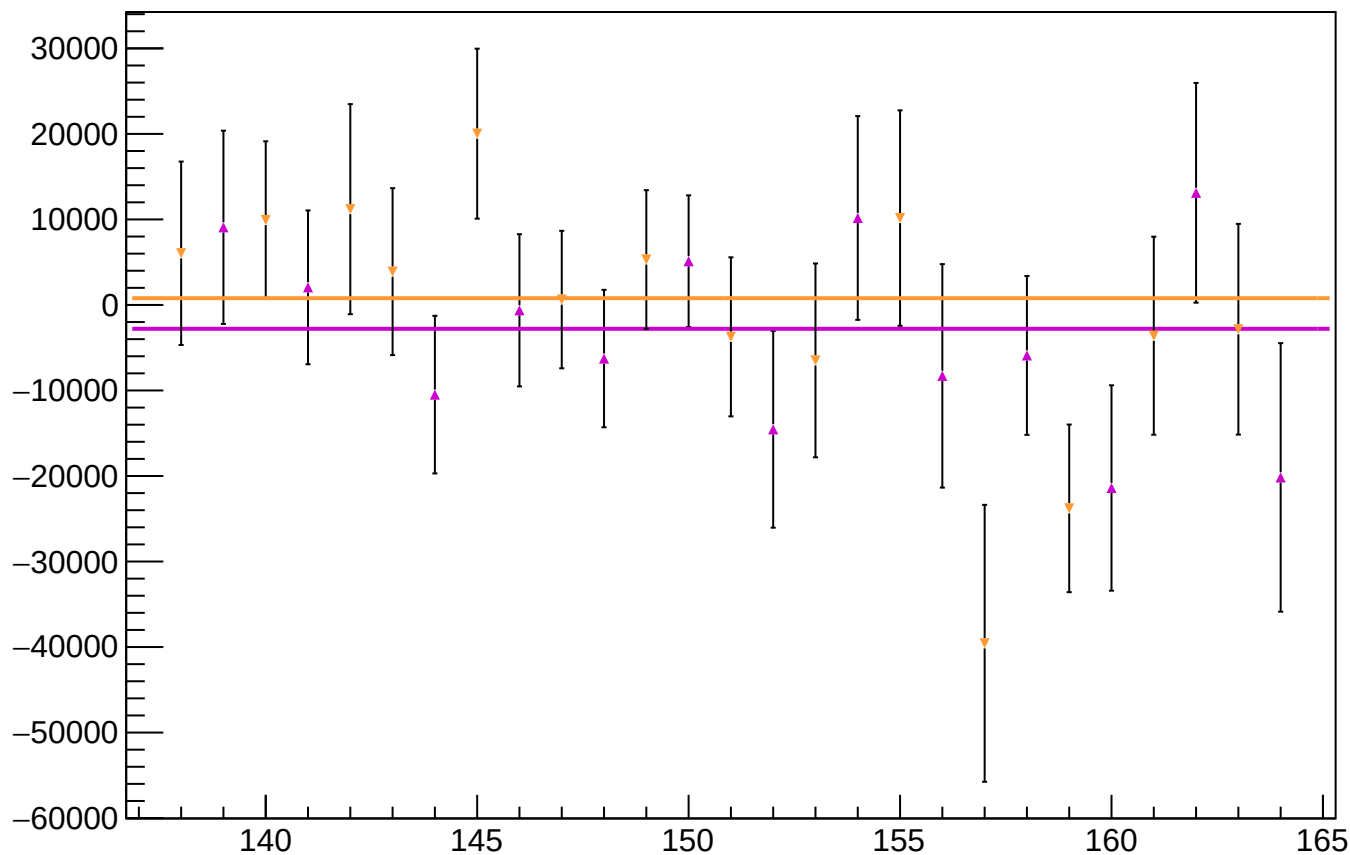
Left In: 2831.438+/-0.621 χ^2/NDF : 56509.9/12

+ sign 2827.562+/-0.486 χ^2/NDF : 598906.6/30

All: 2800.241+/-0.340 χ^2/NDF : 1462566.3/62

- sign 2774.001+/-0.476 χ^2/NDF : 857451.7/31

asym_atr2_correction_mean vs Slug



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

Left Out: 790.634+/-2748.410 χ^2/NDF :20.0/13

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

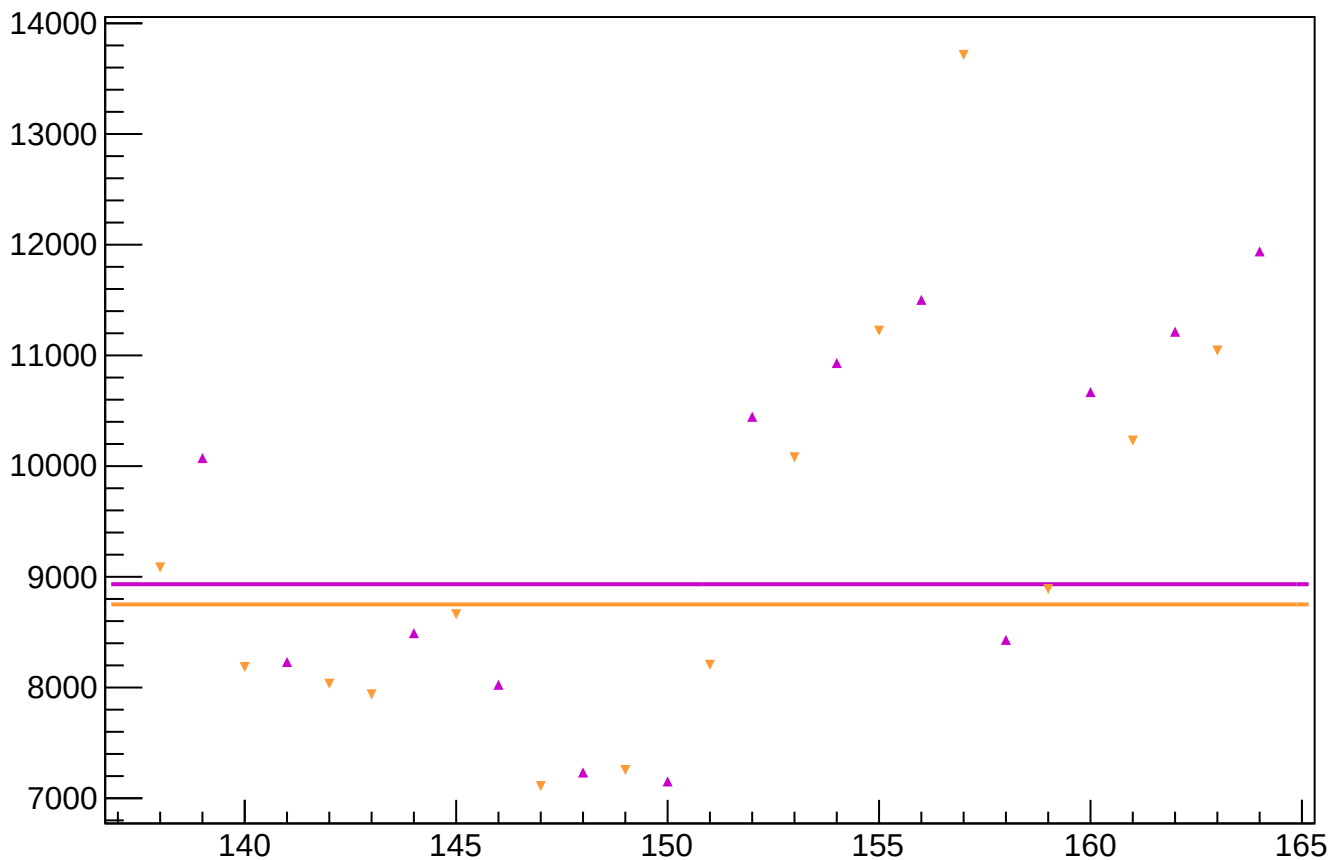
Left In: -2789.732+/-2816.534 χ^2/NDF :11.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -955.726+/-1967.063 χ^2/NDF : 31.9/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_correction_rms vs Slug



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

Left Out: 8750.785+/-1.943 χ^2/NDF : 583687.9/13

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

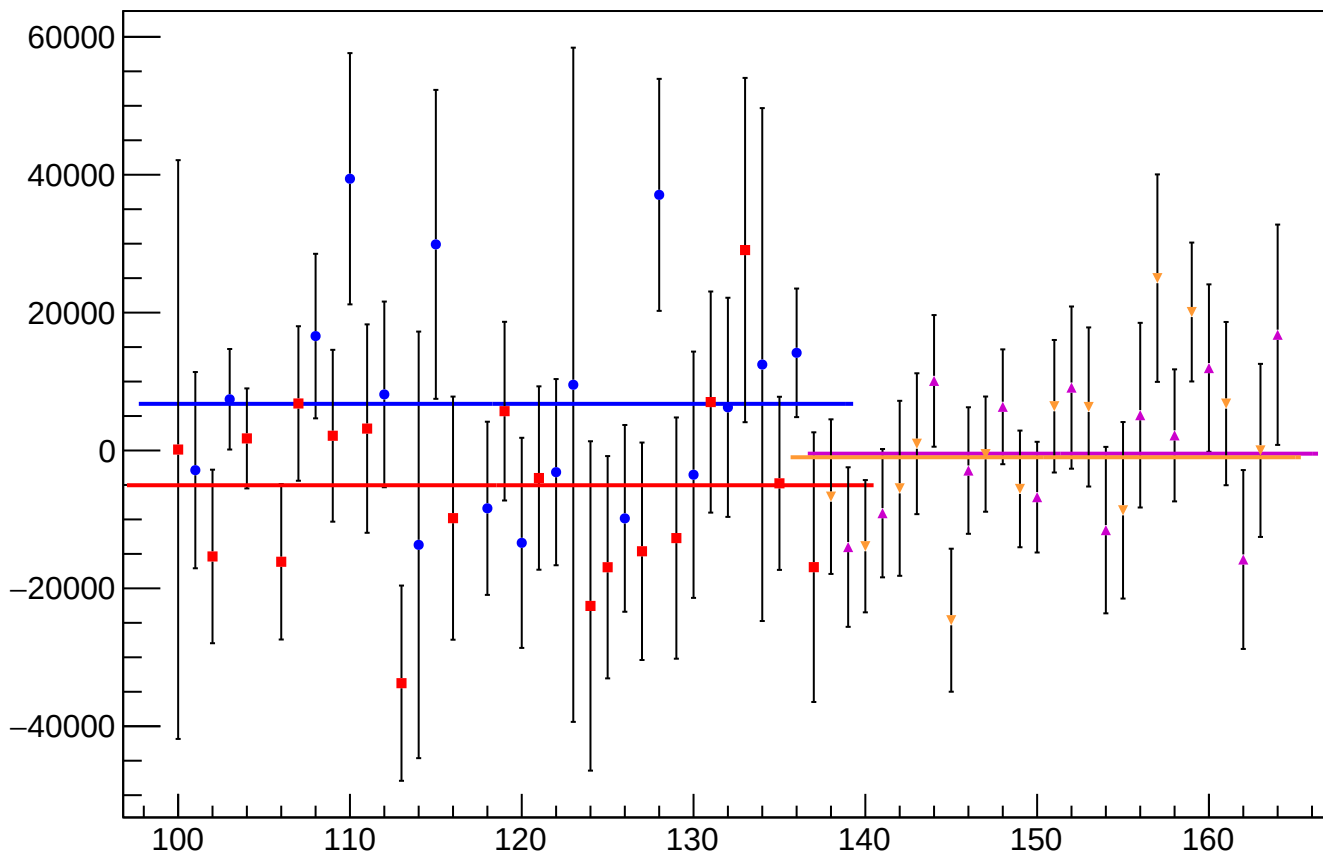
Left In: 8932.200+/-1.992 χ^2/NDF : 606800.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8839.760+/-1.391 χ^2/NDF : 1194785.8/26

- 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: -981.495 $\pm$ 2835.676 χ^2 /NDF:16.9/13

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

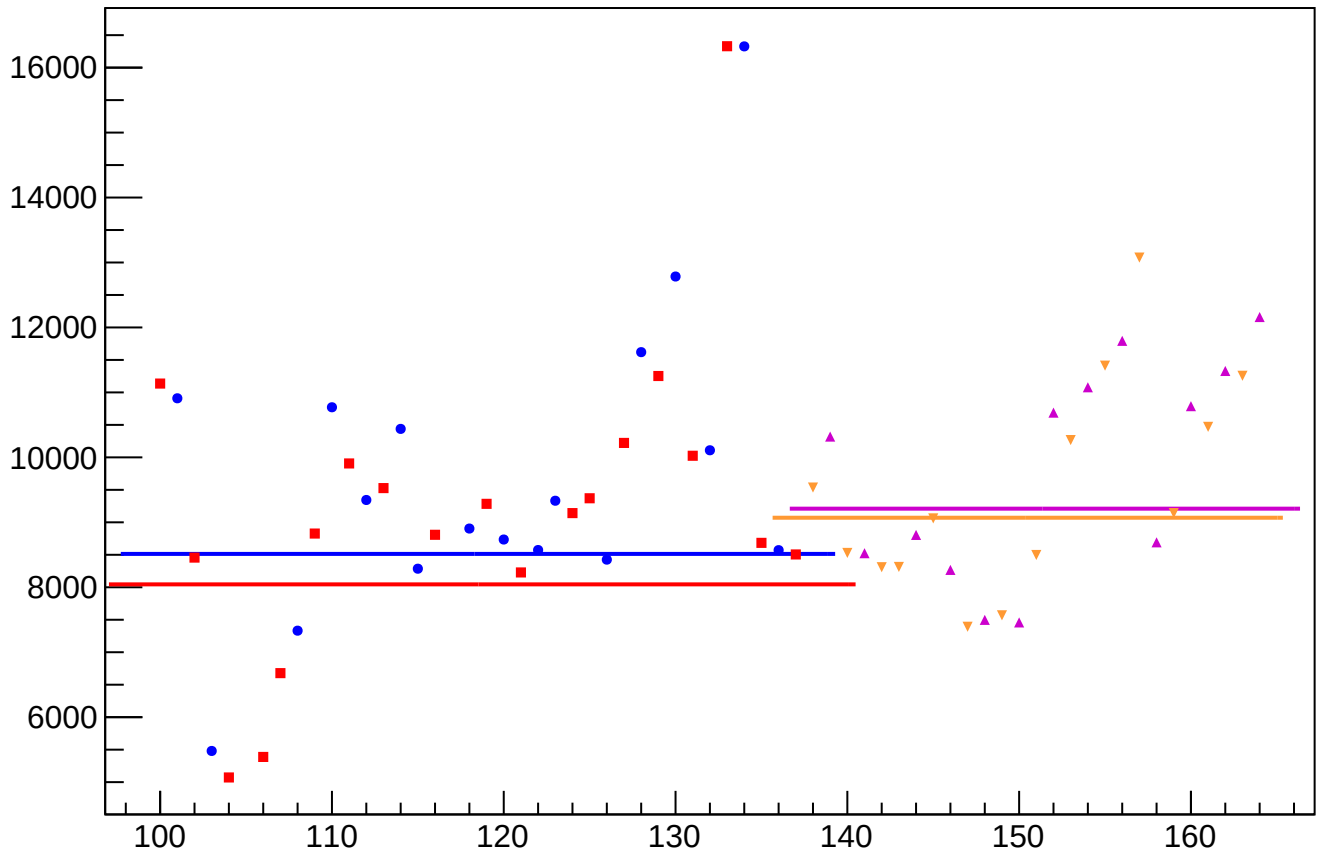
Left In: -461.928 $\pm$ 2899.174 χ^2 /NDF:10.2/12

+ sign 2211.600 $\pm$ 2174.298 χ^2 /NDF: 35.3/30

All: -208.281 $\pm$ 1524.698 χ^2 /NDF: 62.6/62

- sign -2549.447 $\pm$ 2138.642 χ^2 /NDF: 24.9/31

asym_atr2_rms vs Slug



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

Left Out: 9070.595+/-2.005 χ^2/NDF : 497509.2/13

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

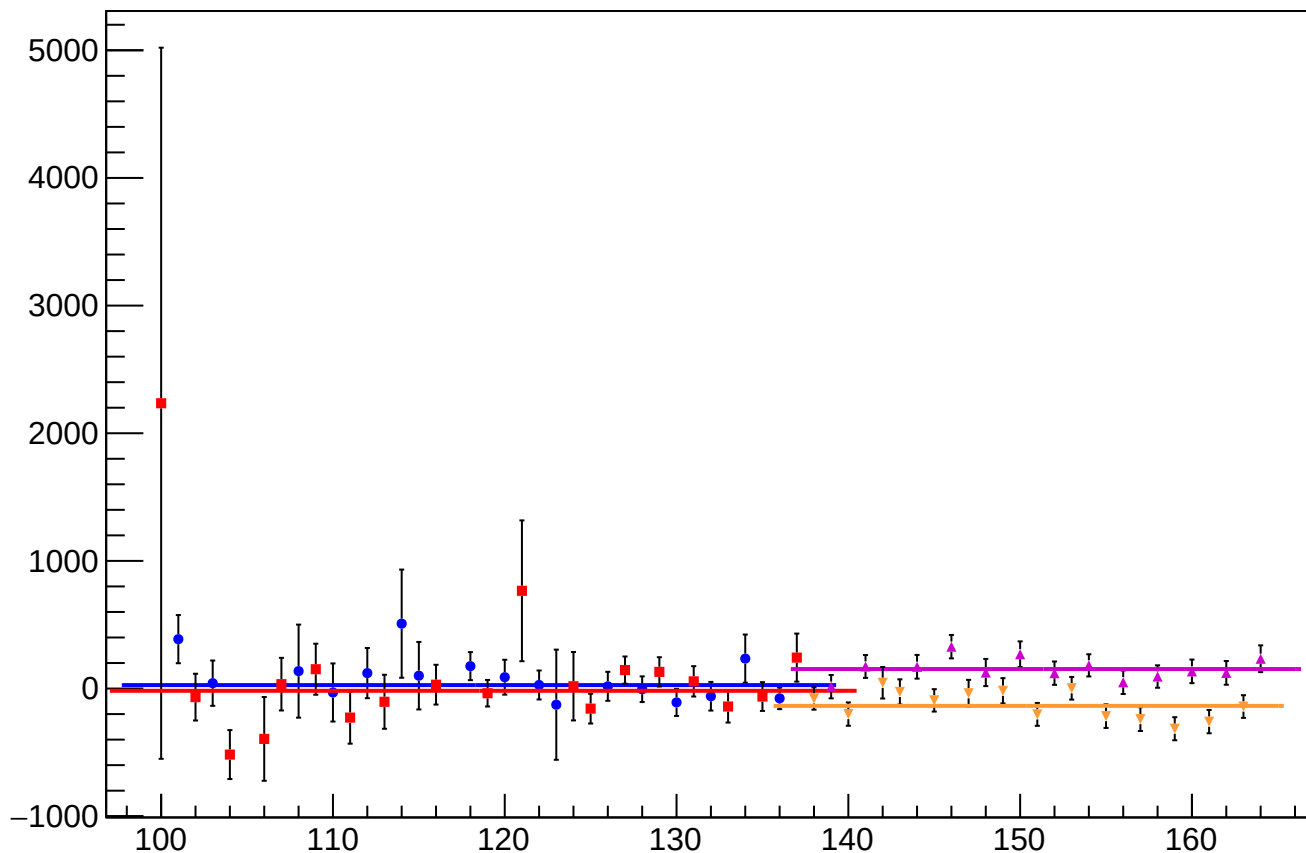
Left In: 9210.210+/-2.050 χ^2/NDF : 548690.0/12

+ sign 8841.100+/-1.537 χ^2/NDF : 1291913.5/30

All: 8758.669+/-1.078 χ^2/NDF : 2945906.8/62

- sign 8678.922+/-1.512 χ^2/NDF : 1648337.7/31

dit_asym_sam1_mean vs Slug



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

Left Out: -135.651+/-25.042 χ^2/NDF : 17.6/13

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

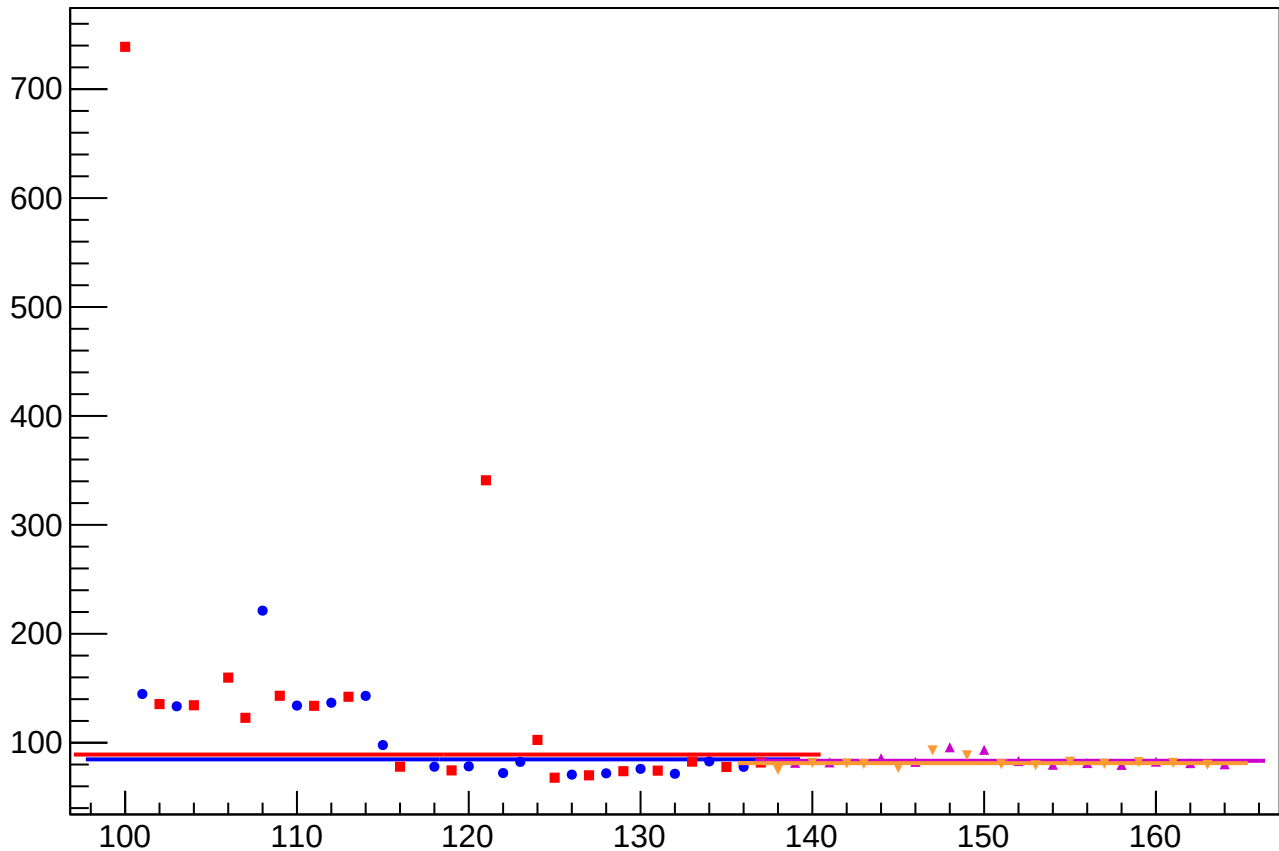
Left In: 152.740+/-25.904 χ^2/NDF : 10.1/12

+ sign -78.534+/-20.169 χ^2/NDF : 45.0/30

All: 4.394+/-14.525 χ^2/NDF : 127.0/62

- sign 93.740+/-20.935 χ^2/NDF : 46.9/31

dit_asym_sam1_rms vs Slug



Right In: 84.737 $\pm$ 0.024 χ^2 /NDF: 1064420.0/16

Left Out: 81.245 $\pm$ 0.018 χ^2 /NDF: 53120.4/13

Right Out: 89.143 $\pm$ 0.025 χ^2 /NDF: 1559269.8/18

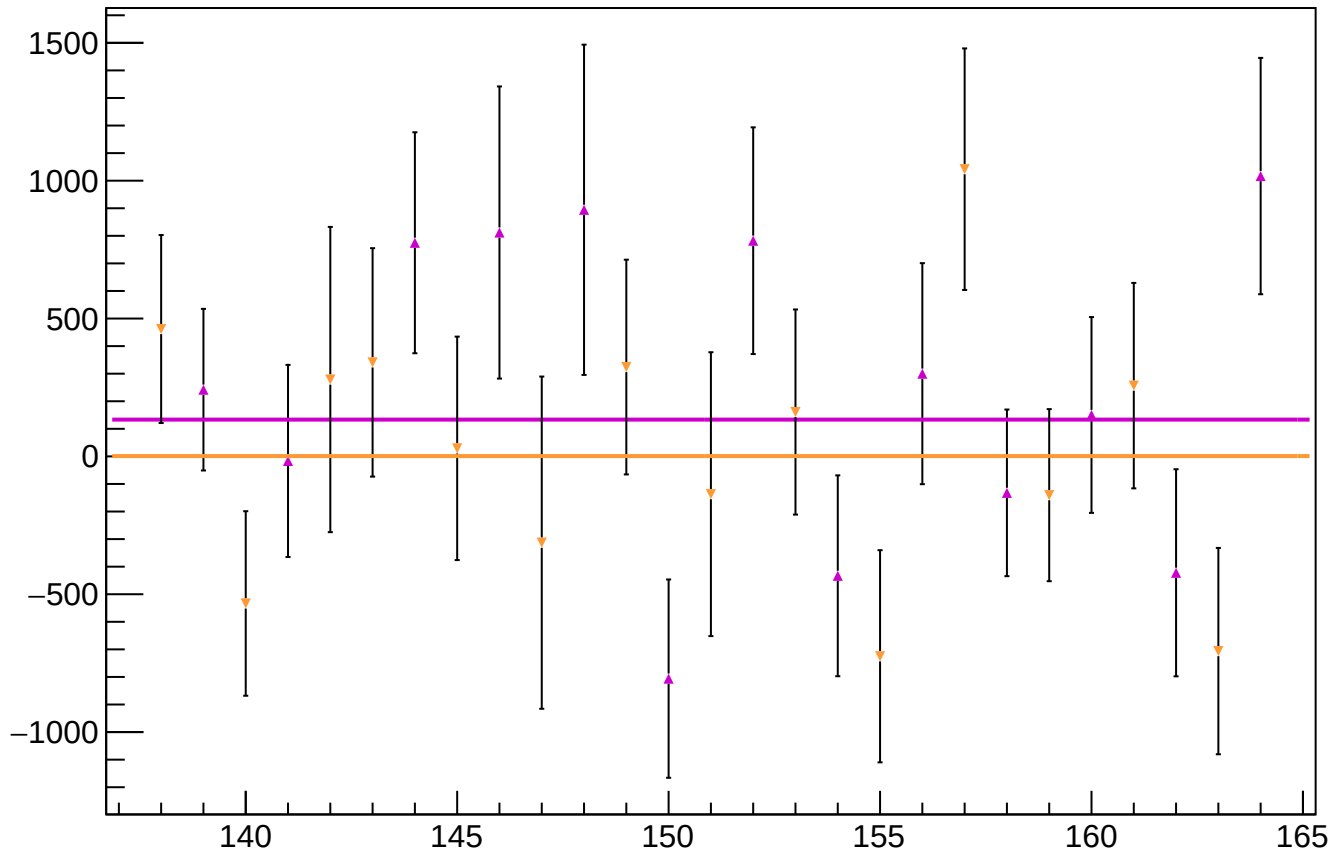
Left In: 83.420 $\pm$ 0.018 χ^2 /NDF: 61162.8/12

+ sign 82.472 $\pm$ 0.014 χ^2 /NDF: 1131206.2/30

All: 83.884 $\pm$ 0.010 χ^2 /NDF: 2805863.9/62

- sign 85.405 $\pm$ 0.015 χ^2 /NDF: 1654293.1/31

asym_sam1_correction_mean vs Slug



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

Left Out: 1.098 $\pm$ 105.629 χ^2 /NDF:20.0/13

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

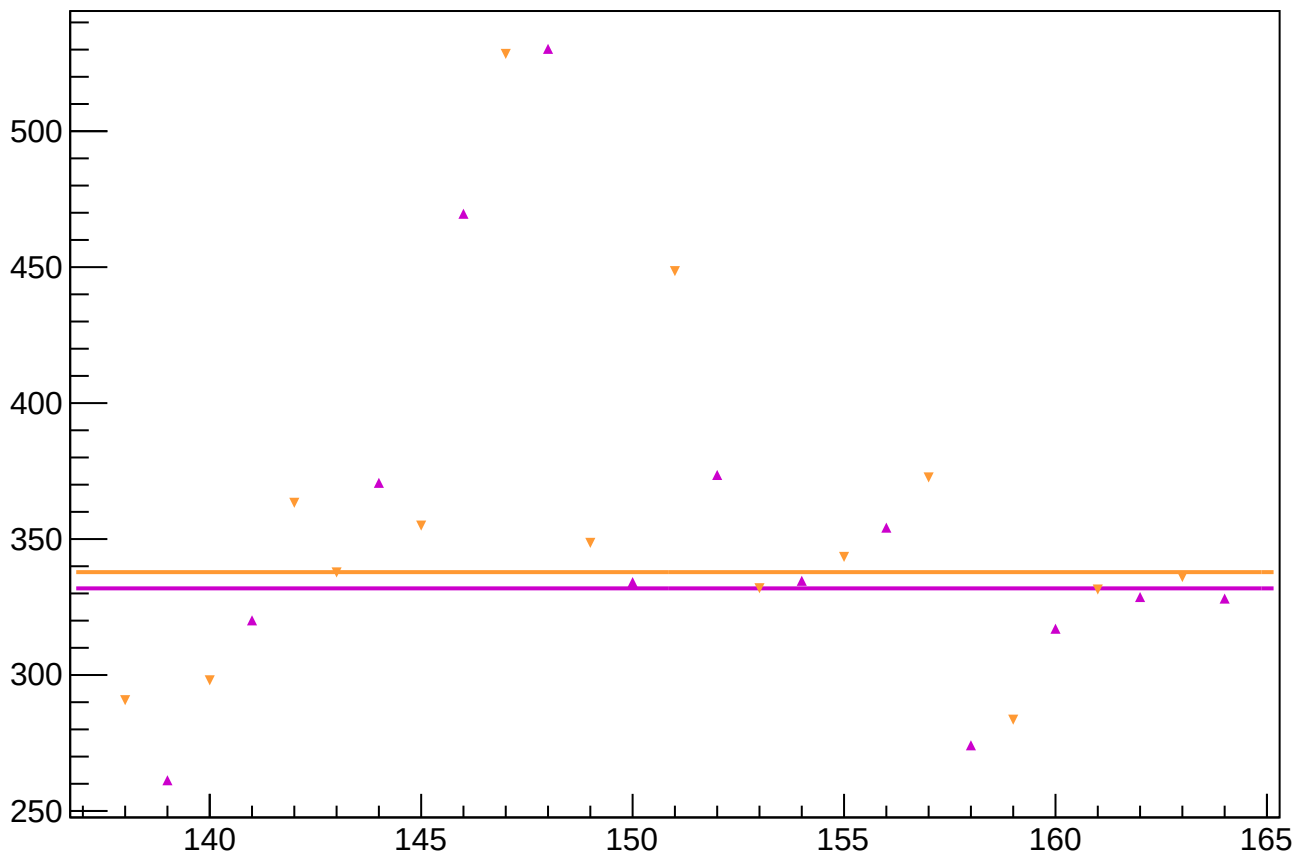
Left In: 133.410 $\pm$ 104.681 χ^2 /NDF:25.3/12

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

All: 67.851 $\pm$ 74.353 χ^2 /NDF: 46.0/26

- 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: 337.838+/-0.075 χ^2/NDF : 442999.9/13

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

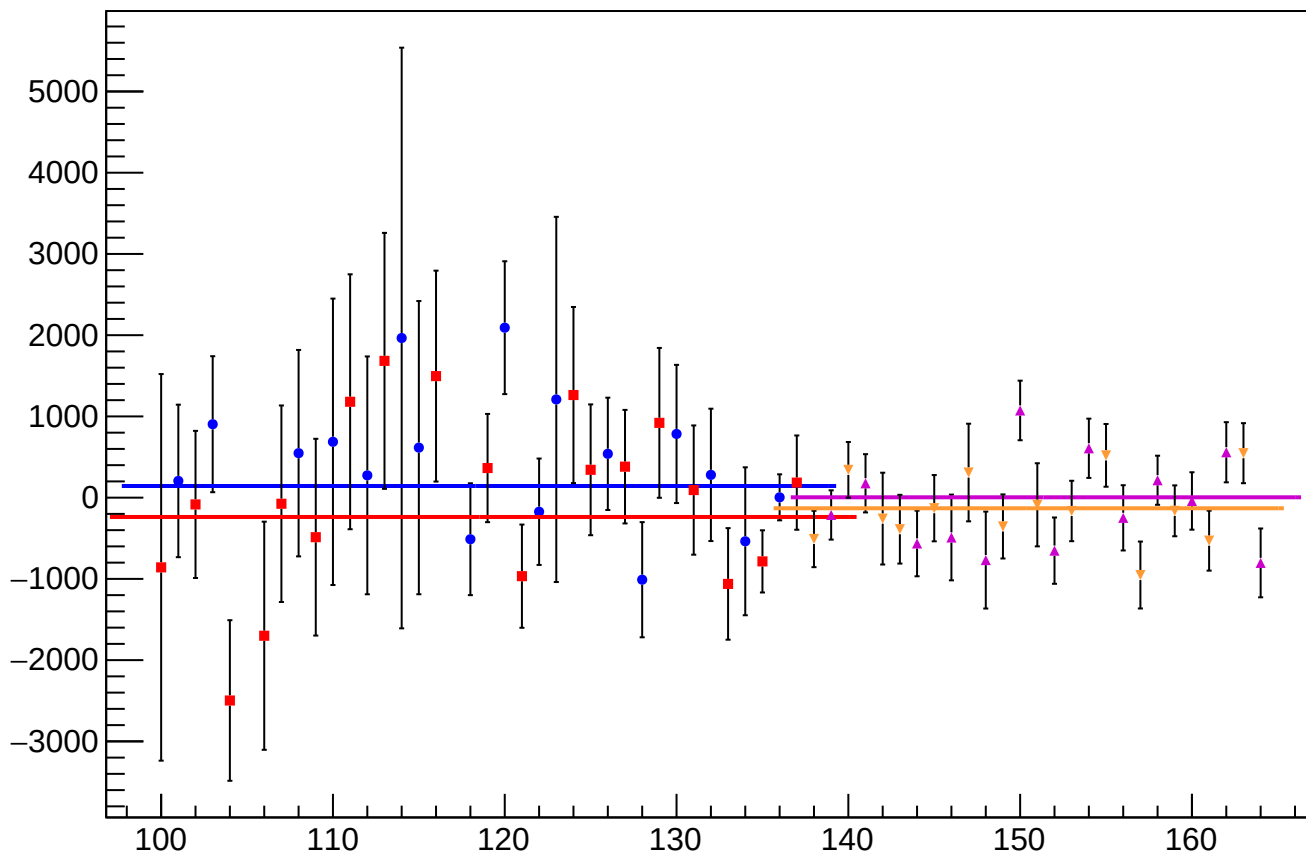
Left In: 331.865+/-0.074 χ^2/NDF : 595391.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.824+/-0.053 χ^2/NDF : 1041617.2/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



Right In: 143.486 $\pm$ 179.237 χ^2 /NDF: 12.8/16

Left Out: -130.717 $\pm$ 105.869 χ^2 /NDF:15.7/13

Right Out: -237.821 $\pm$ 183.995 χ^2 /NDF: 21.7/18

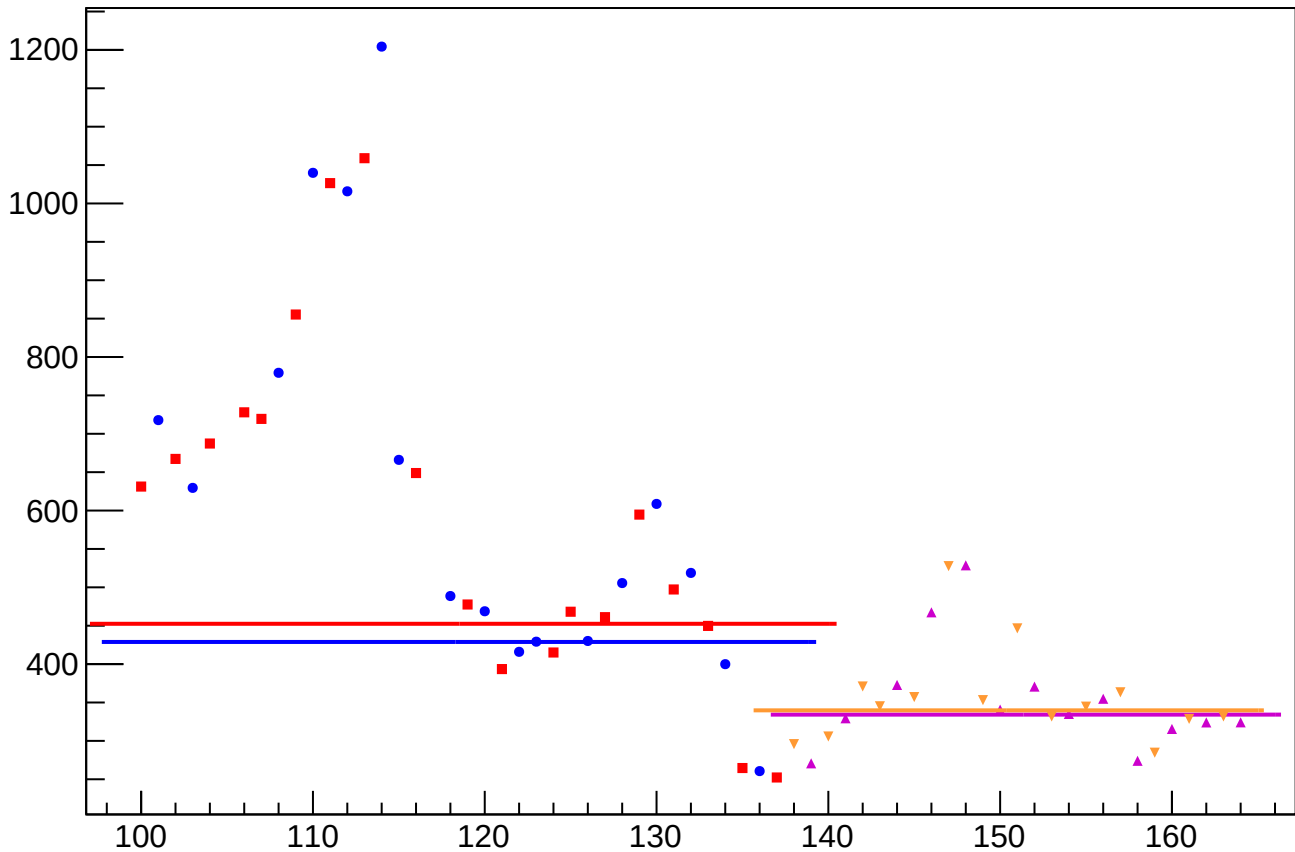
Left In: 4.353 $\pm$ 105.326 χ^2 /NDF:25.9/12

+ sign -59.795 $\pm$ 91.155 χ^2 /NDF: 30.3/30

All: -57.613 $\pm$ 64.546 χ^2 /NDF: 79.1/62

- sign -55.418 $\pm$ 91.409 χ^2 /NDF: 48.8/31

asym_sam1_rms vs Slug



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

Left Out: 339.770+/-0.075 χ^2/NDF : 419092.9/13

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

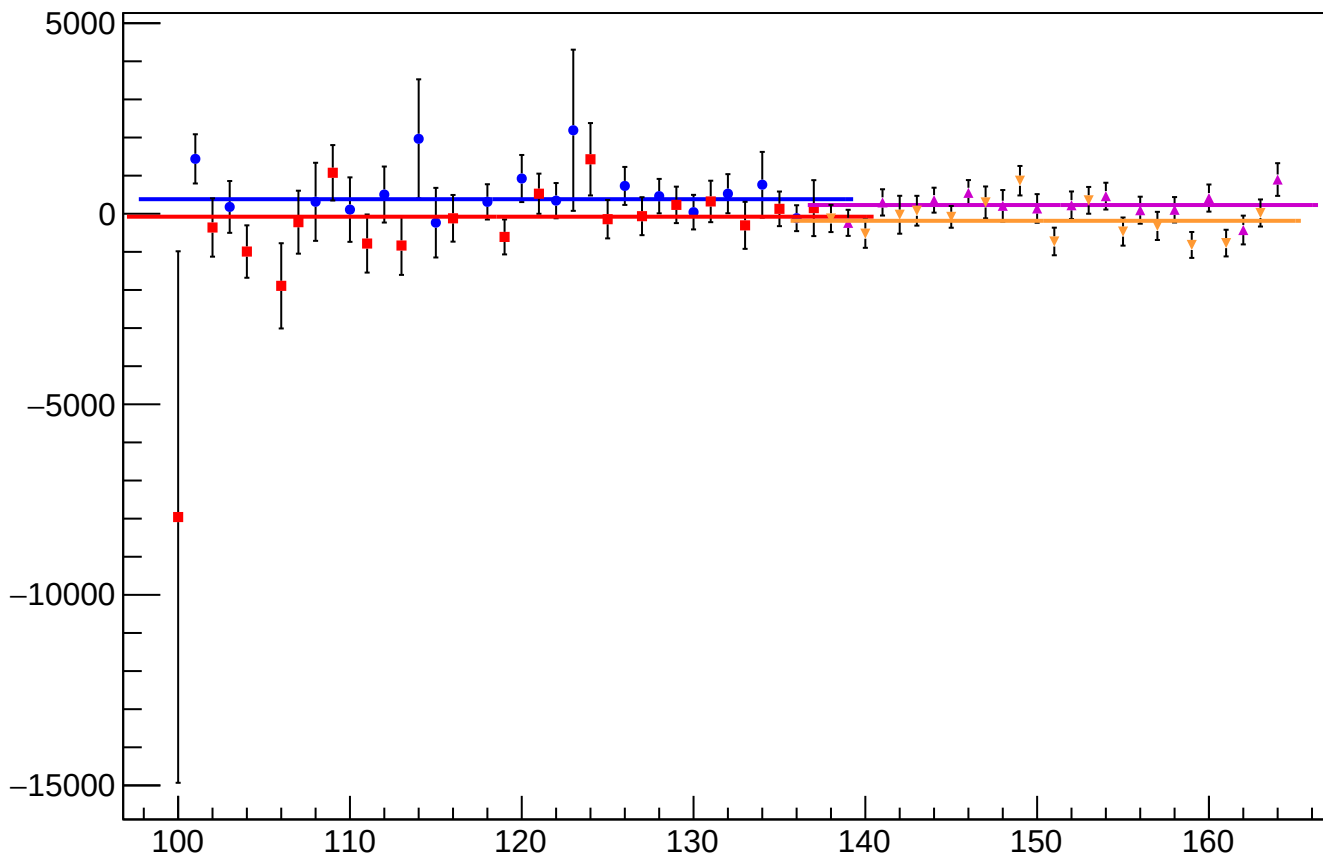
Left In: 334.209+/-0.074 χ^2/NDF : 555486.9/12

+ sign 362.812+/-0.064 χ^2/NDF : 2797703.1/30

All: 363.109+/-0.046 χ^2/NDF : 6015279.3/62

- sign 363.409+/-0.065 χ^2/NDF : 3217533.4/31

dit_asym_sam2_mean vs Slug



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

Left Out: -185.095 ± 97.355 χ^2/NDF : 22.2/13

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

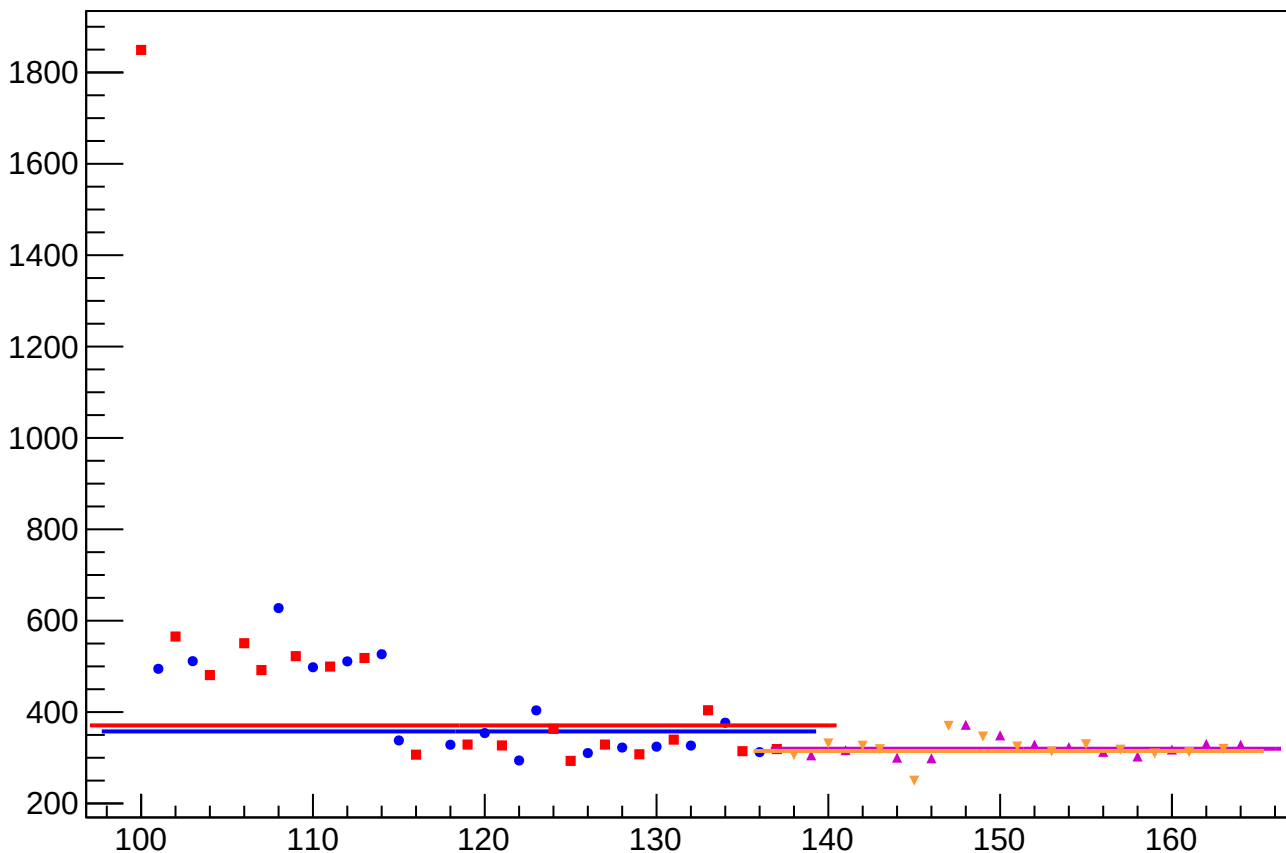
Left In: 228.898 ± 99.403 χ^2/NDF : 9.5/12

+ sign -2.391 ± 80.149 χ^2/NDF : 42.5/30

All: 62.296 ± 57.217 χ^2/NDF : 73.2/62

- sign 129.522 ± 81.707 χ^2/NDF : 29.3/31

dit_asym_sam2_rms vs Slug



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

Left Out: 314.894+/-0.069 χ^2/NDF : 164218.2/13

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

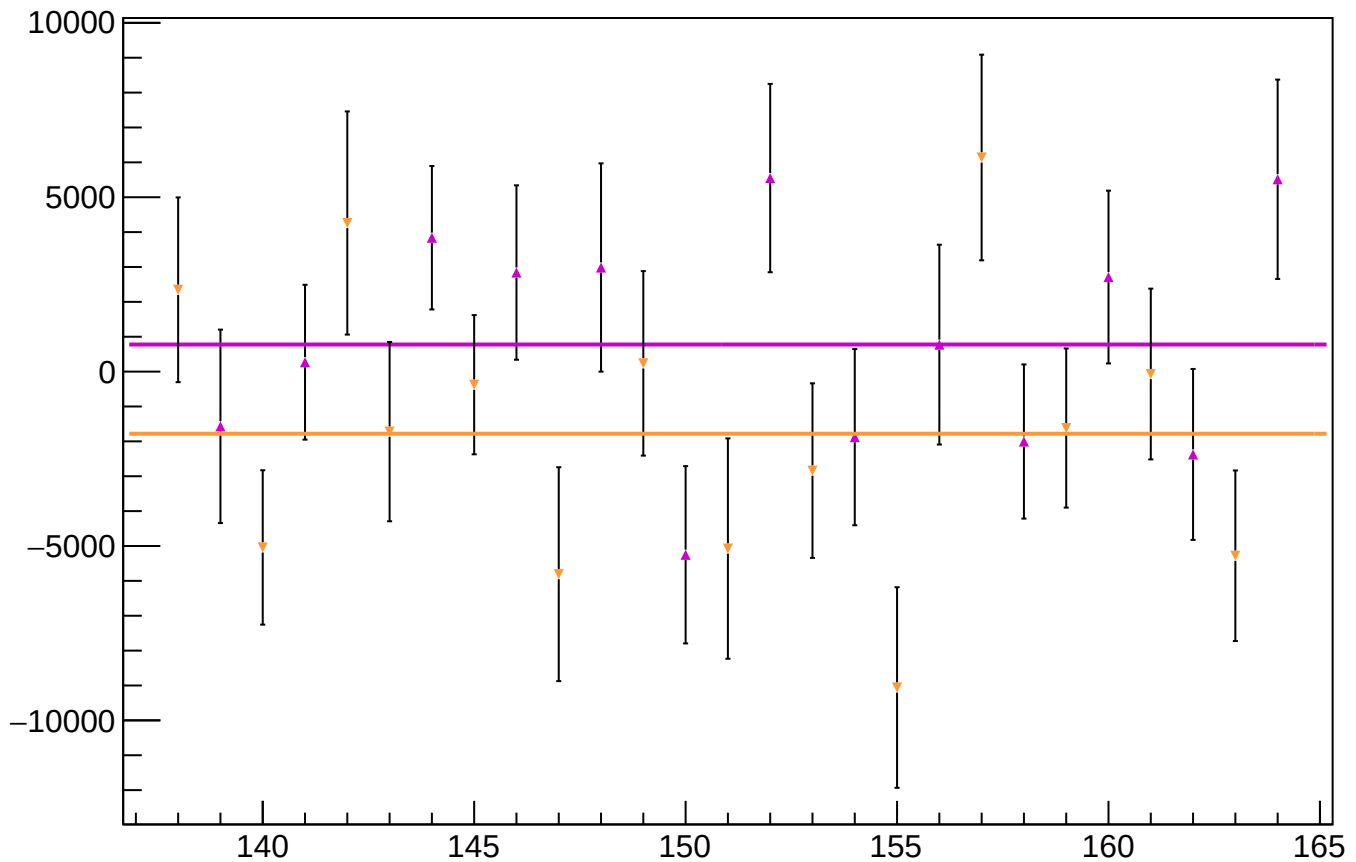
Left In: 319.748+/-0.070 χ^2/NDF : 72660.5/12

+ sign 328.676+/-0.057 χ^2/NDF : 918277.9/30

All: 332.417+/-0.040 χ^2/NDF : 1955672.9/62

- sign 336.305+/-0.058 χ^2/NDF : 1028509.4/31

asym_sam2_correction_mean vs Slug



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

Left Out: -1781.345+/-687.167 χ^2/NDF : 28.4/13

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

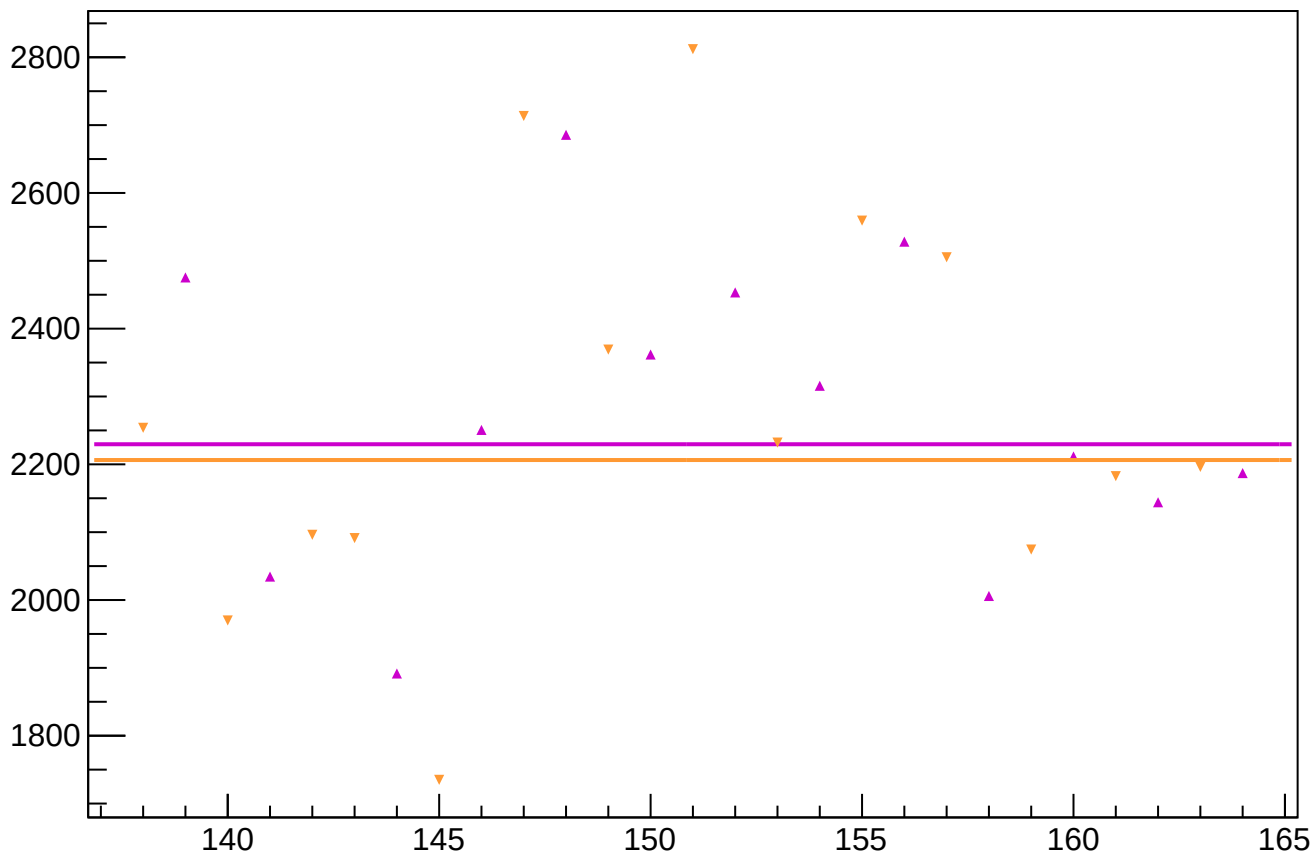
Left In: 776.619+/-695.292 χ^2/NDF : 20.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -517.397+/-488.748 χ^2/NDF : 55.9/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_correction_rms vs Slug



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

Left Out: 2206.346+/-0.486 χ^2/NDF :334969.5/13

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

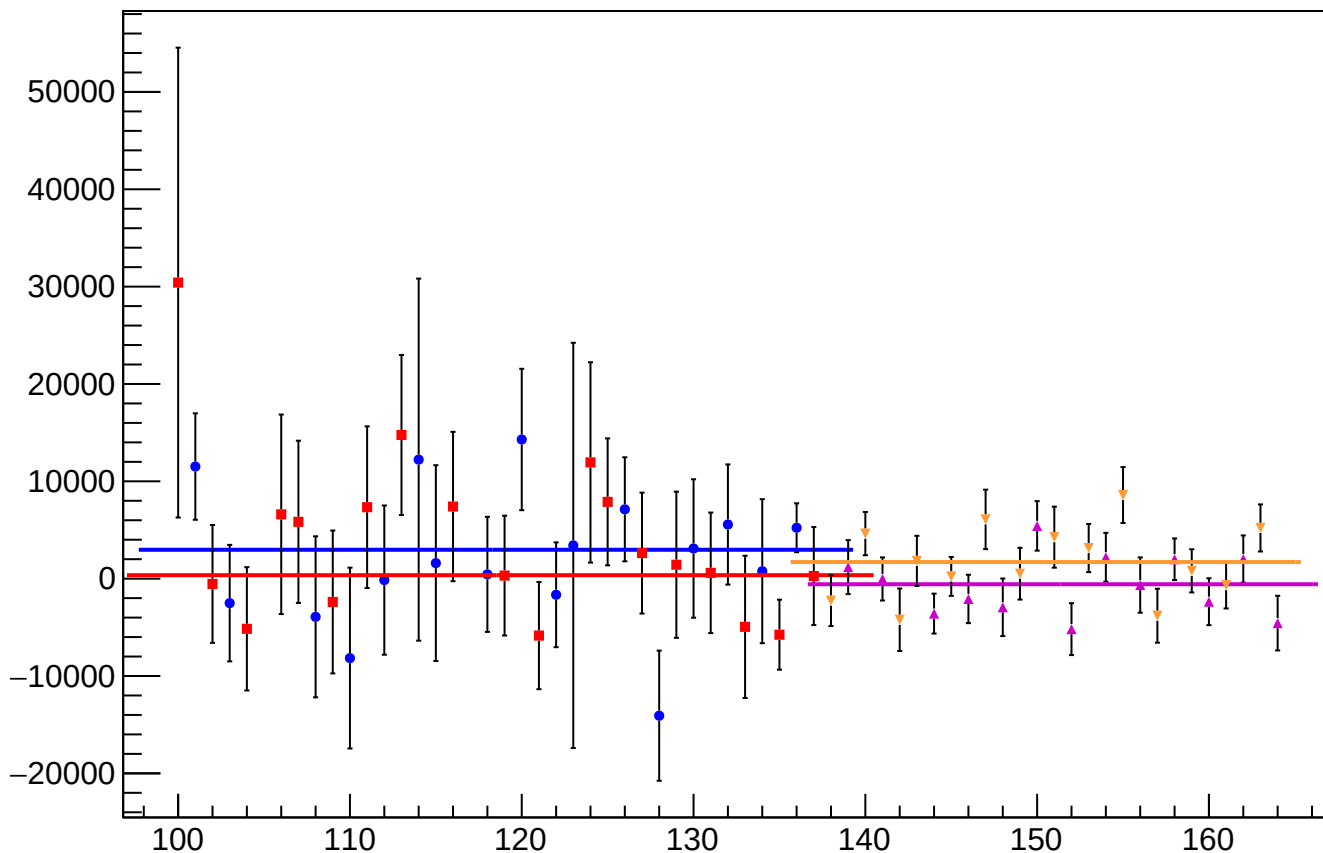
Left In: 2229.614+/-0.492 χ^2/NDF :198593.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2217.843+/-0.346 χ^2/NDF : 534696.4/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



Right In: 2969.125 $\pm$ 1440.489 χ^2 /NDF: 17.4/16

Left Out: 1707.381 $\pm$ 680.182 χ^2 /NDF:24.2/13

Right Out: 358.685 $\pm$ 1507.064 χ^2 /NDF: 15.3/18

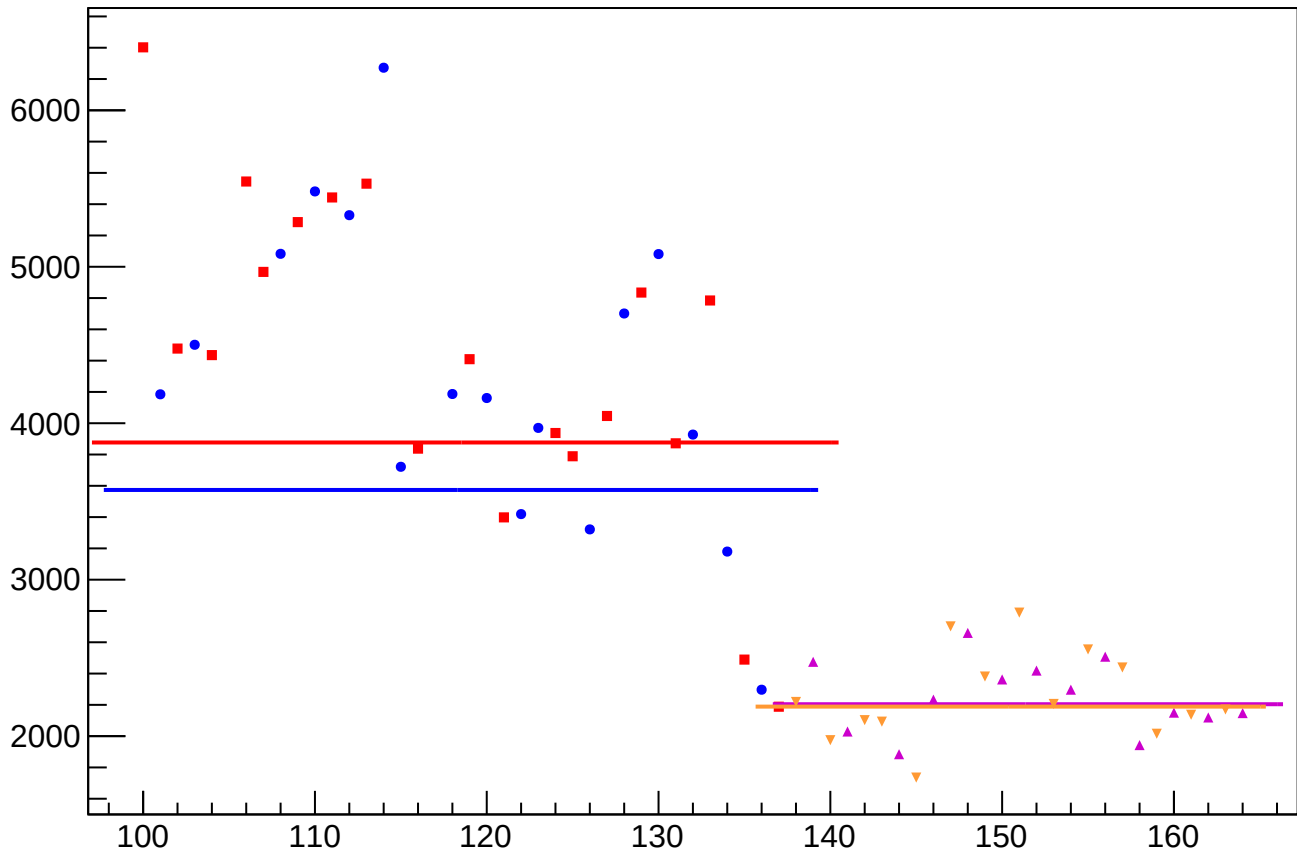
Left In: -573.093 $\pm$ 687.772 χ^2 /NDF:18.6/12

+ sign 1937.413 $\pm$ 615.062 χ^2 /NDF: 42.2/30

All: 782.602 $\pm$ 438.625 χ^2 /NDF: 83.6/62

- sign -412.482 $\pm$ 625.695 χ^2 /NDF: 34.2/31

asym_sam2_rms vs Slug



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

Left Out: 2188.761+/-0.481 χ^2/NDF : 328586.8/13

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

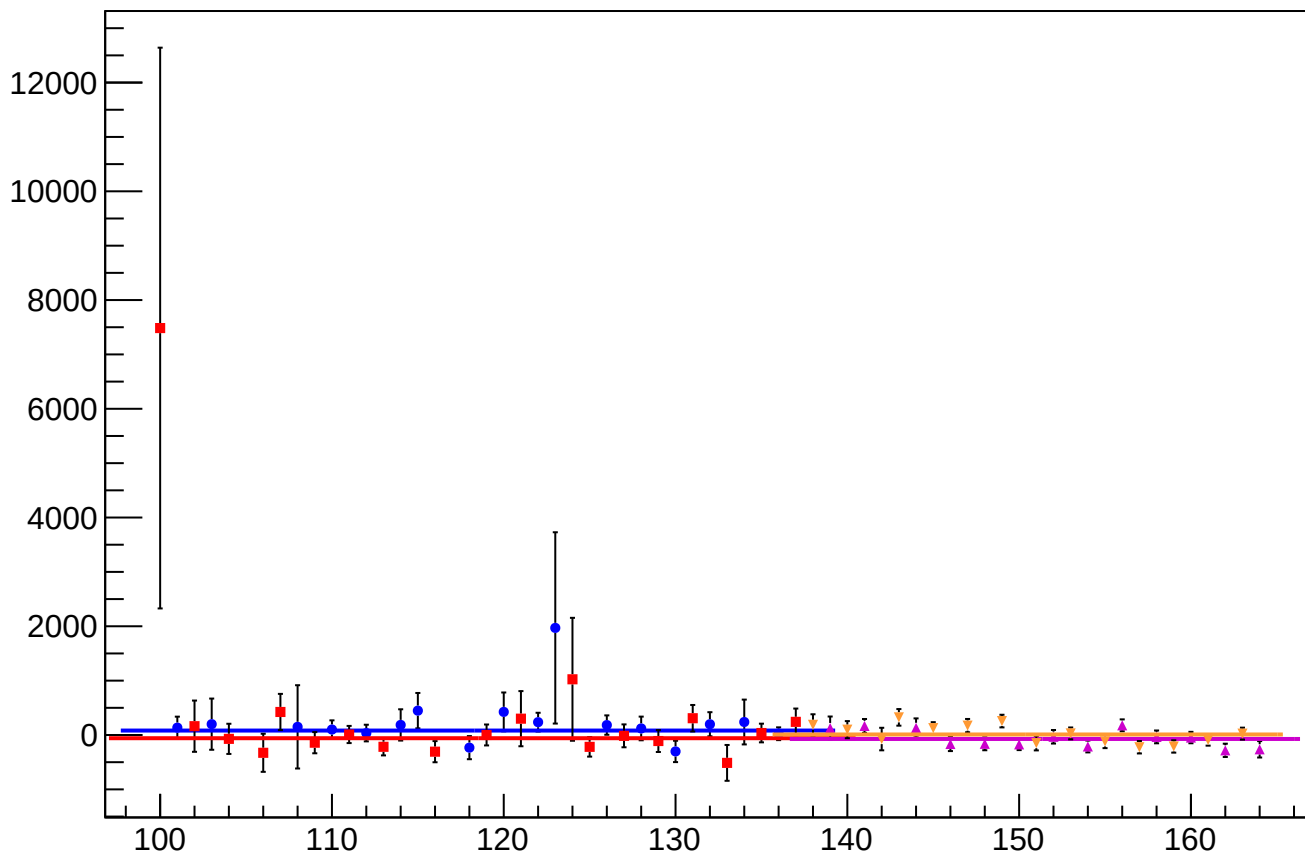
Left In: 2204.016+/-0.486 χ^2/NDF : 208217.8/12

+ sign 2441.212+/-0.435 χ^2/NDF : 2928490.1/30

All: 2466.354+/-0.310 χ^2/NDF : 6171501.5/62

- sign 2492.374+/-0.442 χ^2/NDF : 3236210.8/31

dit_asym_sam3_mean vs Slug



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

Left Out: 9.688 ± 33.504 χ^2/NDF : 24.4/13

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

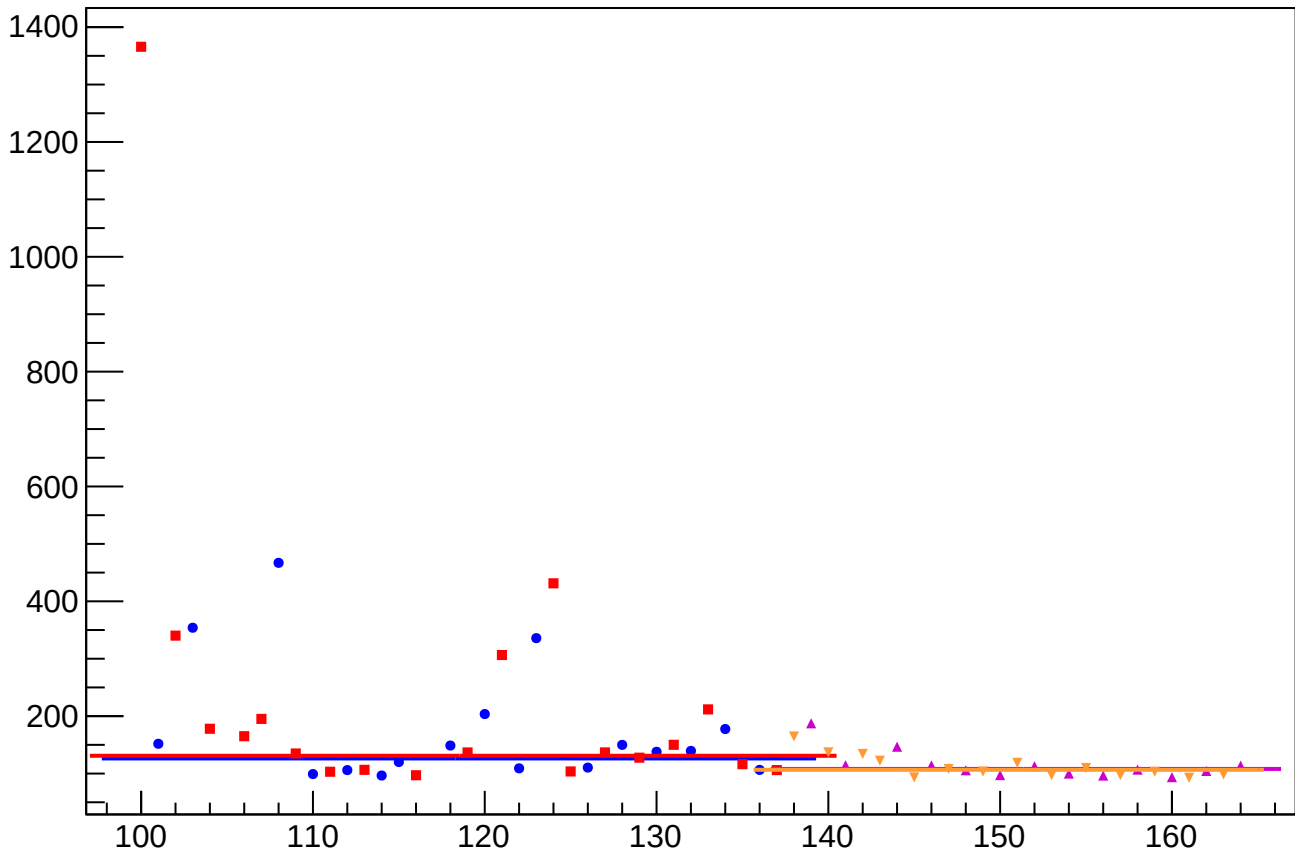
Left In: -72.844 ± 34.456 χ^2/NDF : 19.4/12

+ sign 30.910 ± 28.149 χ^2/NDF : 37.3/30

All: -17.584 ± 20.170 χ^2/NDF : 79.3/62

- sign -68.751 ± 28.915 χ^2/NDF : 35.9/31

dit_asym_sam3_rms vs Slug



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

Left Out: 106.575 $\pm$ 0.024 χ^2 /NDF: 435015.4/13

+ sign 112.388 $\pm$ 0.020 χ^2 /NDF: 1950285.8/30

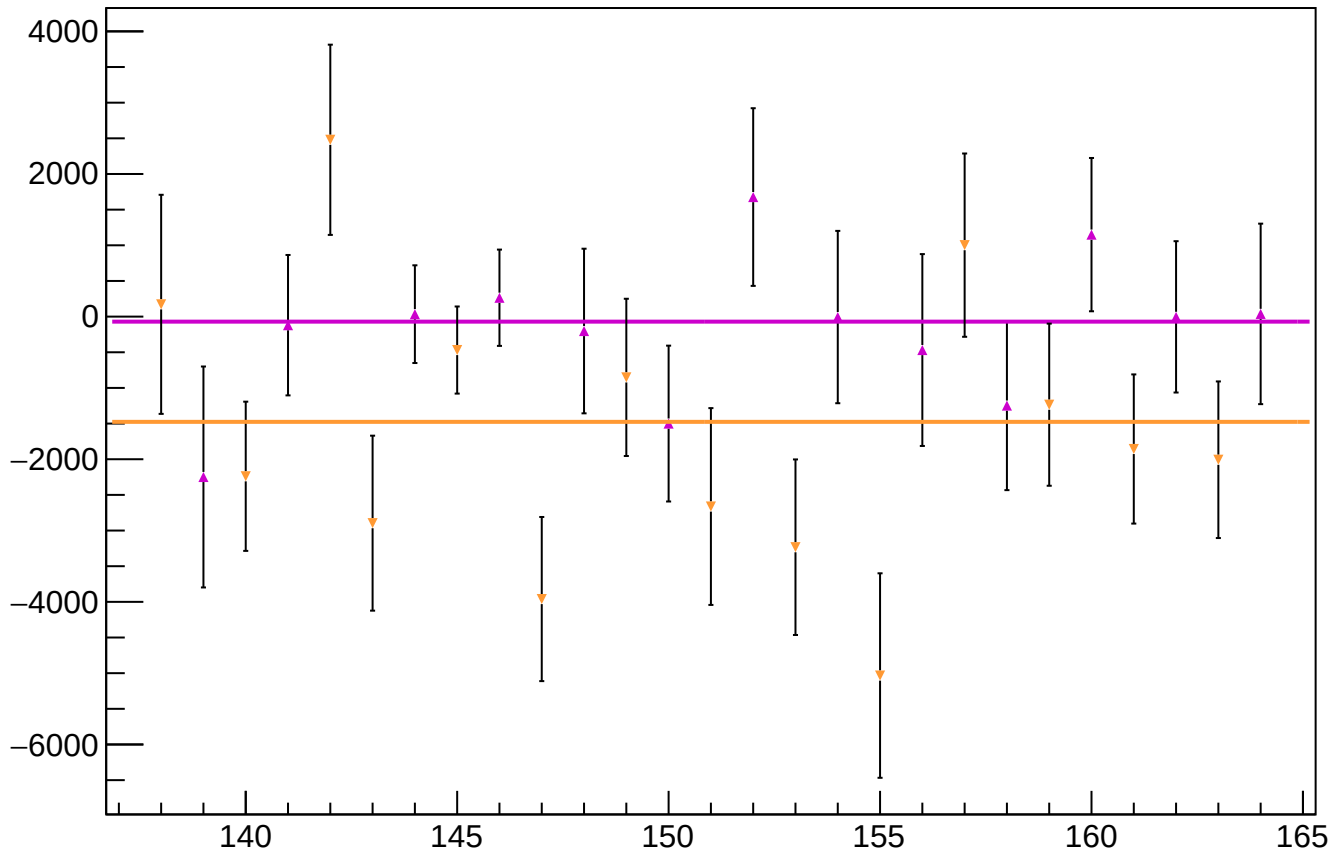
Right Out: 131.007 $\pm$ 0.038 χ^2 /NDF: 1429260.8/18

All: 113.588 $\pm$ 0.014 χ^2 /NDF: 4141091.6/62

- sign 114.855 $\pm$ 0.020 χ^2 /NDF: 2183328.4/31

Left In: 108.071 $\pm$ 0.024 χ^2 /NDF: 491928.8/12

asym_sam3_correction_mean vs Slug



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

Left Out: -1475.753+/-293.399 χ^2/NDF : 32.6/13

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

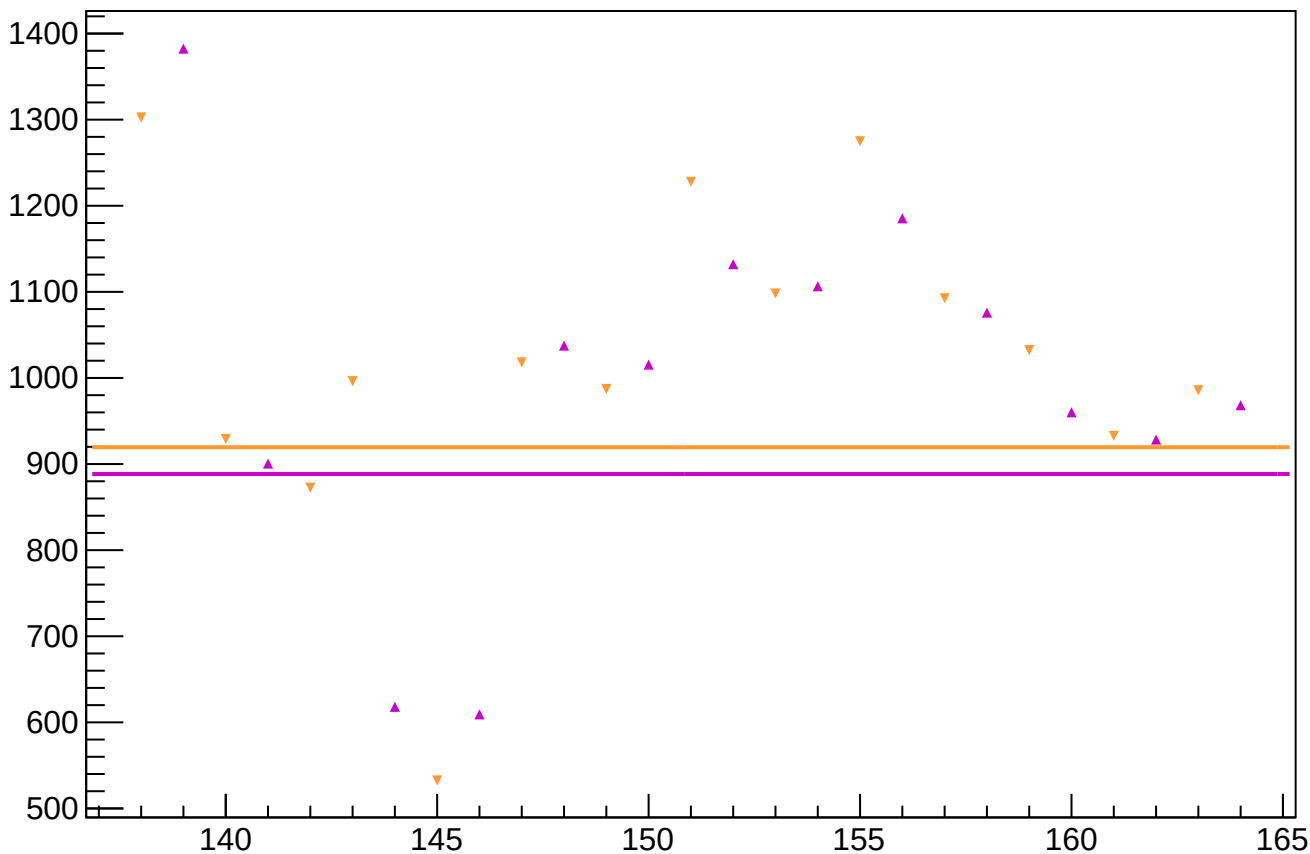
Left In: -70.519+/-284.763 χ^2/NDF : 8.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -752.152+/-204.343 χ^2/NDF : 52.7/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug



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

Left Out: 919.530+/-0.207 χ^2/NDF :1288166.4/13

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

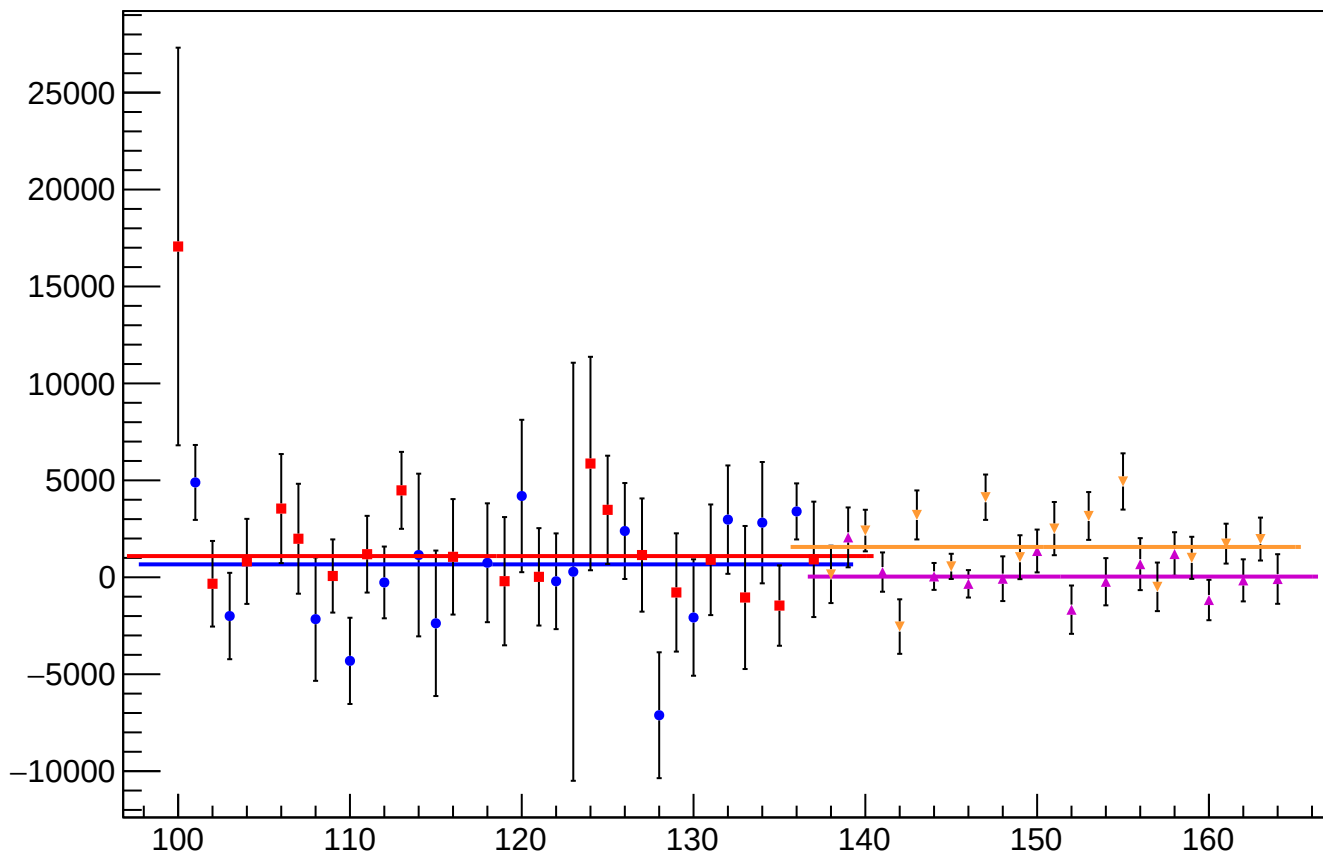
Left In: 888.410+/-0.201 χ^2/NDF :1226482.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 903.505+/-0.144 χ^2/NDF : 2526235.0/26

- 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: 1565.030 ± 298.225 χ^2/NDF : 29.9/13

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

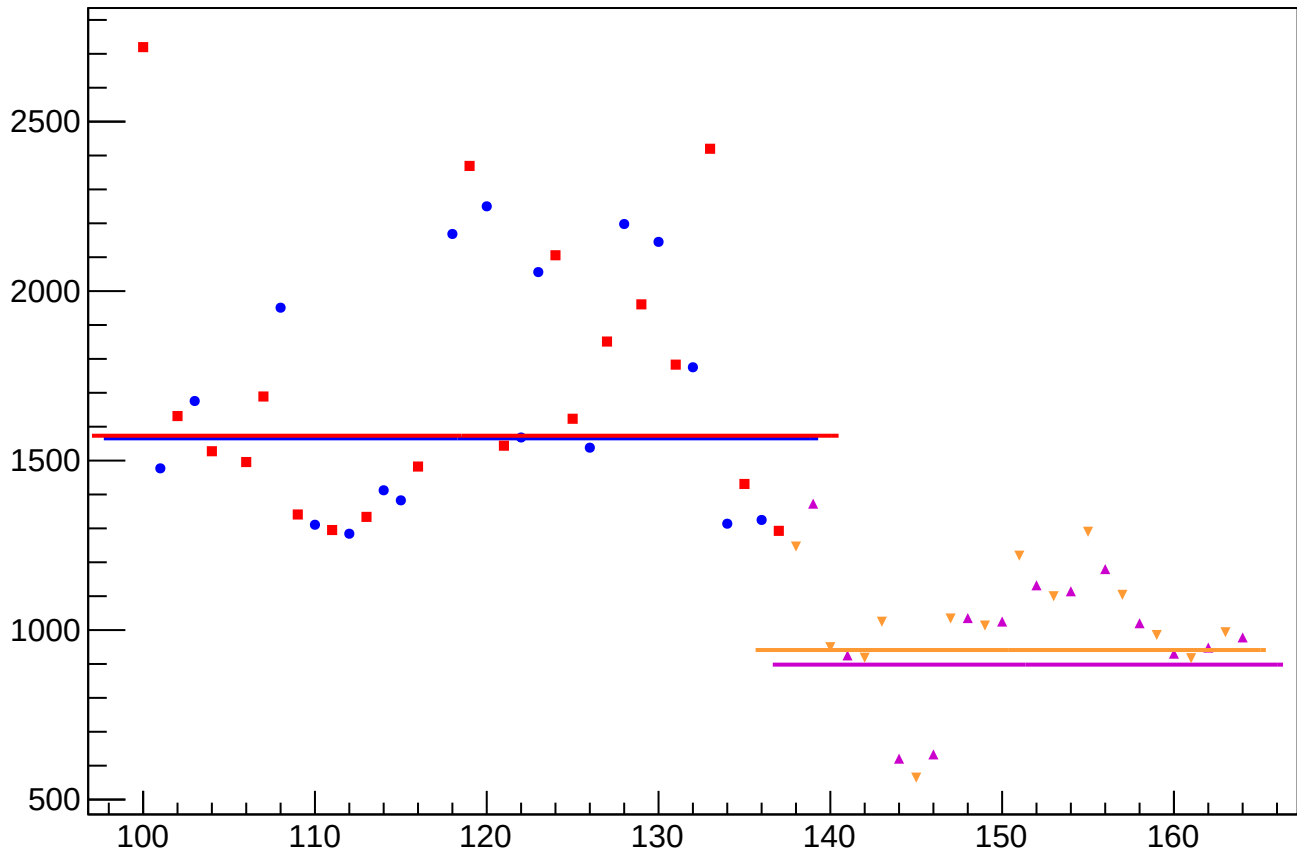
Left In: 35.723 ± 287.646 χ^2/NDF : 8.1/12

+ sign 1395.677 ± 268.656 χ^2/NDF : 57.2/30

All: 793.948 ± 186.681 χ^2/NDF : 88.5/62

- sign 232.140 ± 259.592 χ^2/NDF : 21.6/31

asym_sam3_rms vs Slug



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

Left Out: 941.159+/-0.211 χ^2/NDF : 1059607.0/13

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

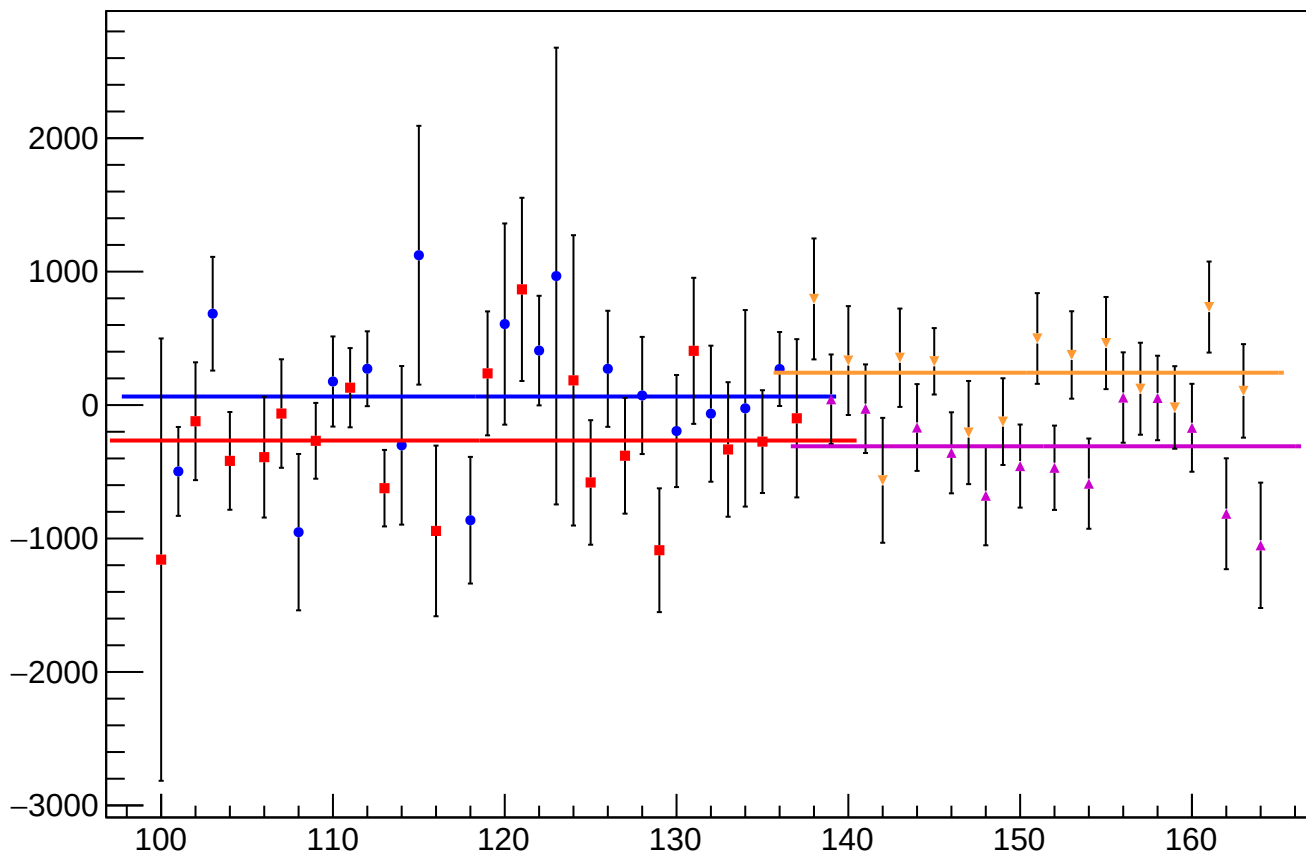
Left In: 898.052+/-0.203 χ^2/NDF : 1105247.5/12

+ sign 1058.851+/-0.190 χ^2/NDF : 3203098.1/30

All: 1040.495+/-0.132 χ^2/NDF : 6833893.1/62

- sign 1023.358+/-0.184 χ^2/NDF : 3612742.3/31

dit_asym_sam4_mean vs Slug



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

Left Out: 242.489+/-92.416 χ^2/NDF : 11.5/13

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

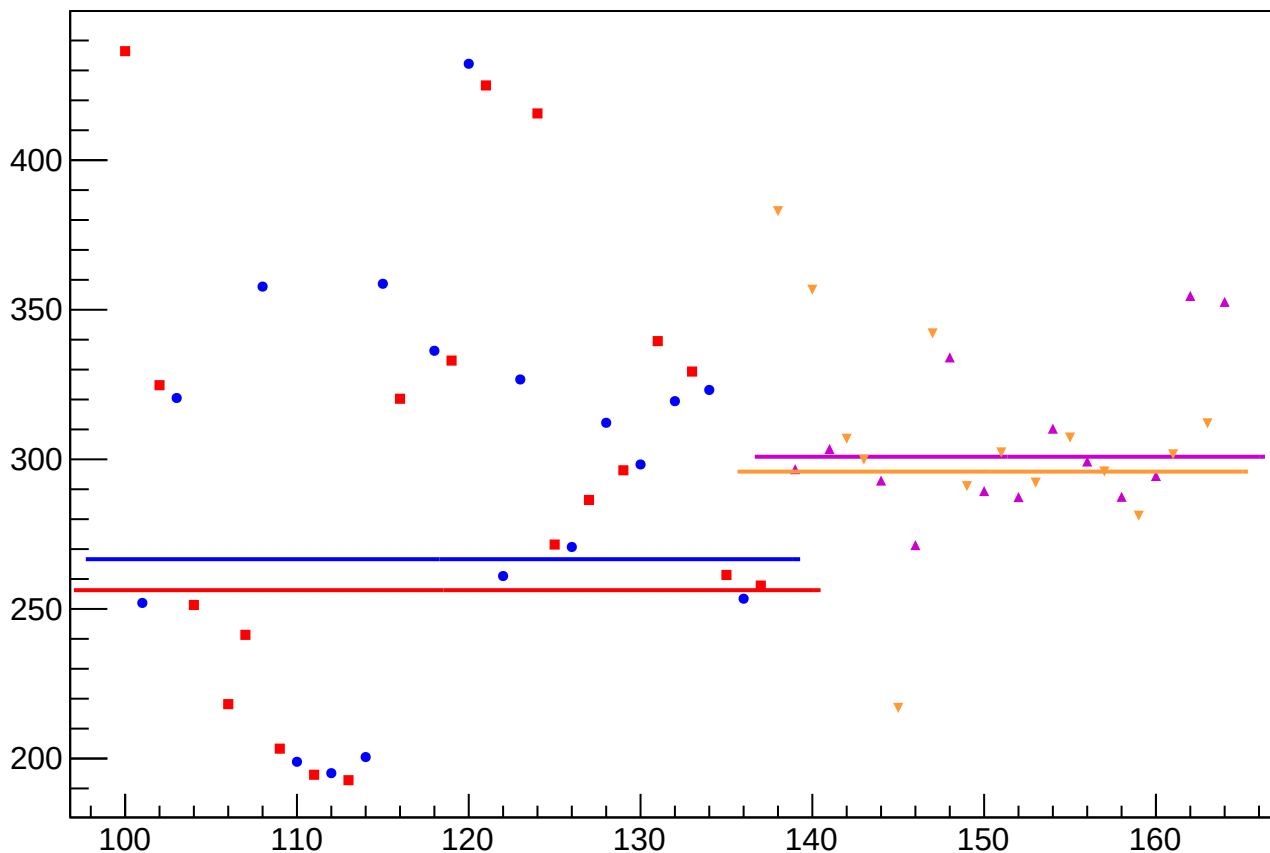
Left In: -308.912+/-94.151 χ^2/NDF : 10.8/12

+ sign 164.895+/-69.469 χ^2/NDF : 29.9/30

All: -65.467+/-48.721 χ^2/NDF : 77.2/62

- sign -288.454+/-68.348 χ^2/NDF : 25.6/31

dit_asym_sam4_rms vs Slug



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 295.909 $\pm$ 0.065 χ^2 /NDF: 362393.5/13

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

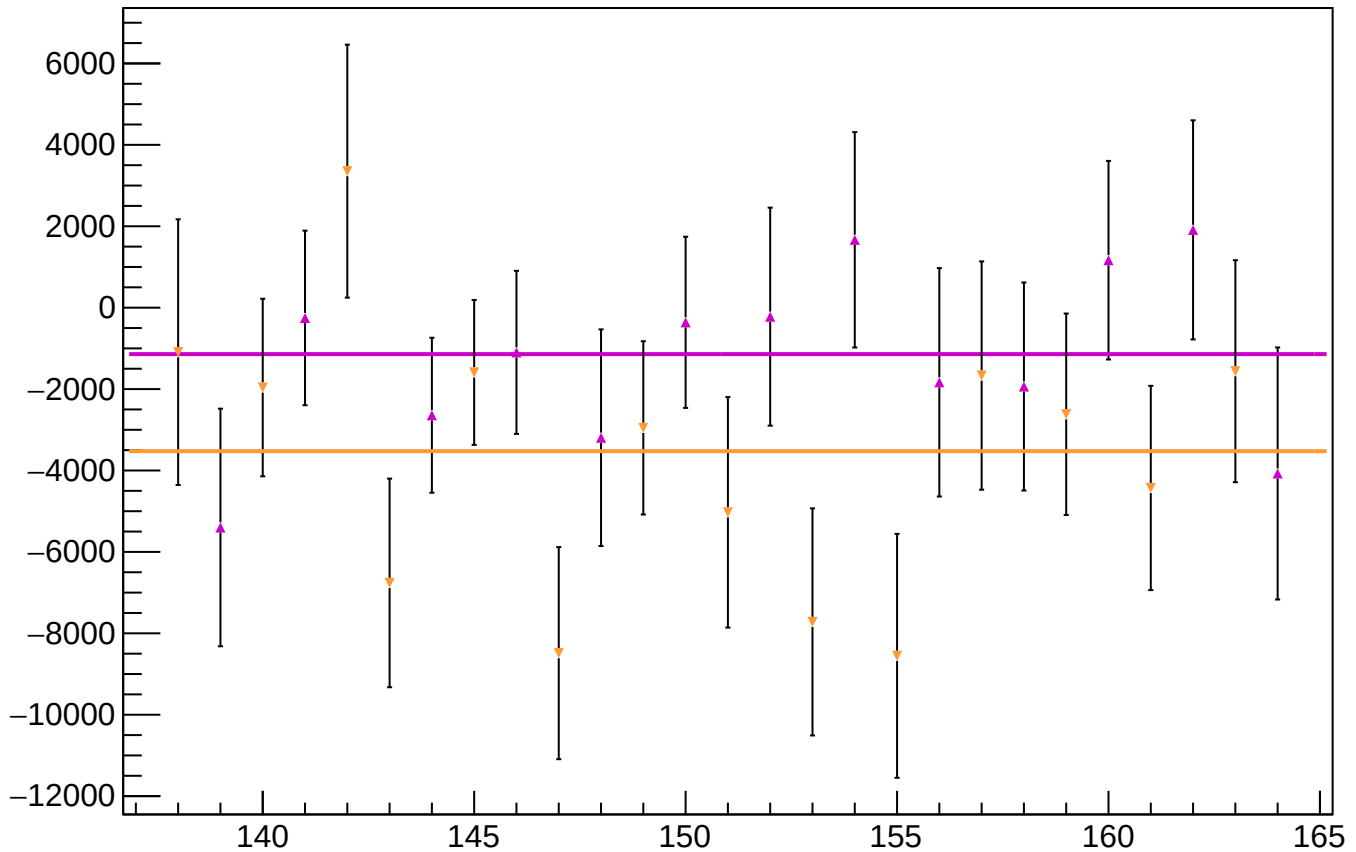
Left In: 300.872 $\pm$ 0.067 χ^2 /NDF: 106579.4/12

+ sign 283.172 $\pm$ 0.049 χ^2 /NDF: 1000493.4/30

All: 281.445 $\pm$ 0.034 χ^2 /NDF: 2018716.5/62

- sign 279.774 $\pm$ 0.048 χ^2 /NDF: 1015791.9/31

asym_sam4_correction_mean vs Slug



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

Left Out: -3524.749+/-675.410 χ^2/NDF :19.0/13

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

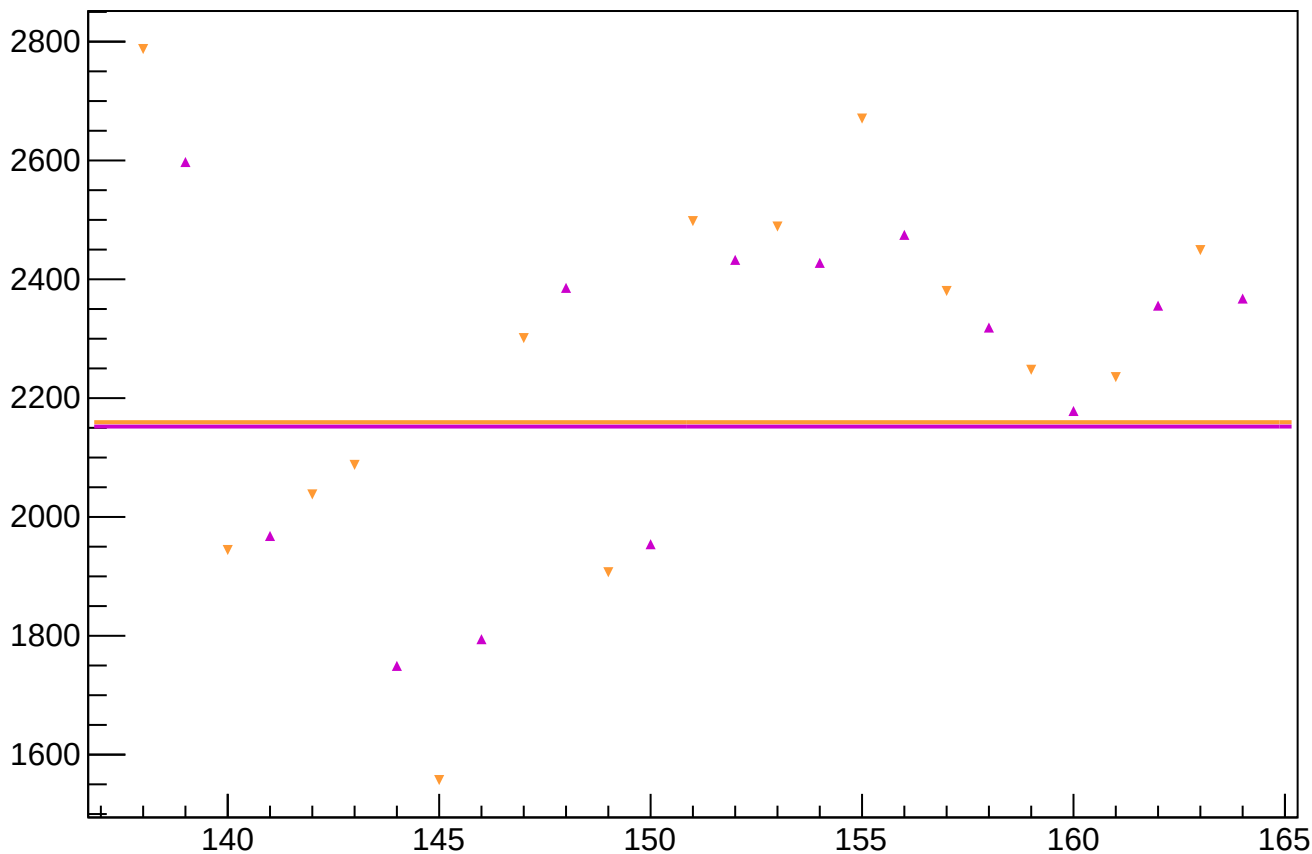
Left In: -1141.064+/-674.125 χ^2/NDF :8.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2330.636+/-477.132 χ^2/NDF : 33.4/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_correction_rms vs Slug



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

Left Out: 2159.543+/-0.478 χ^2/NDF : 515228.2/13

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

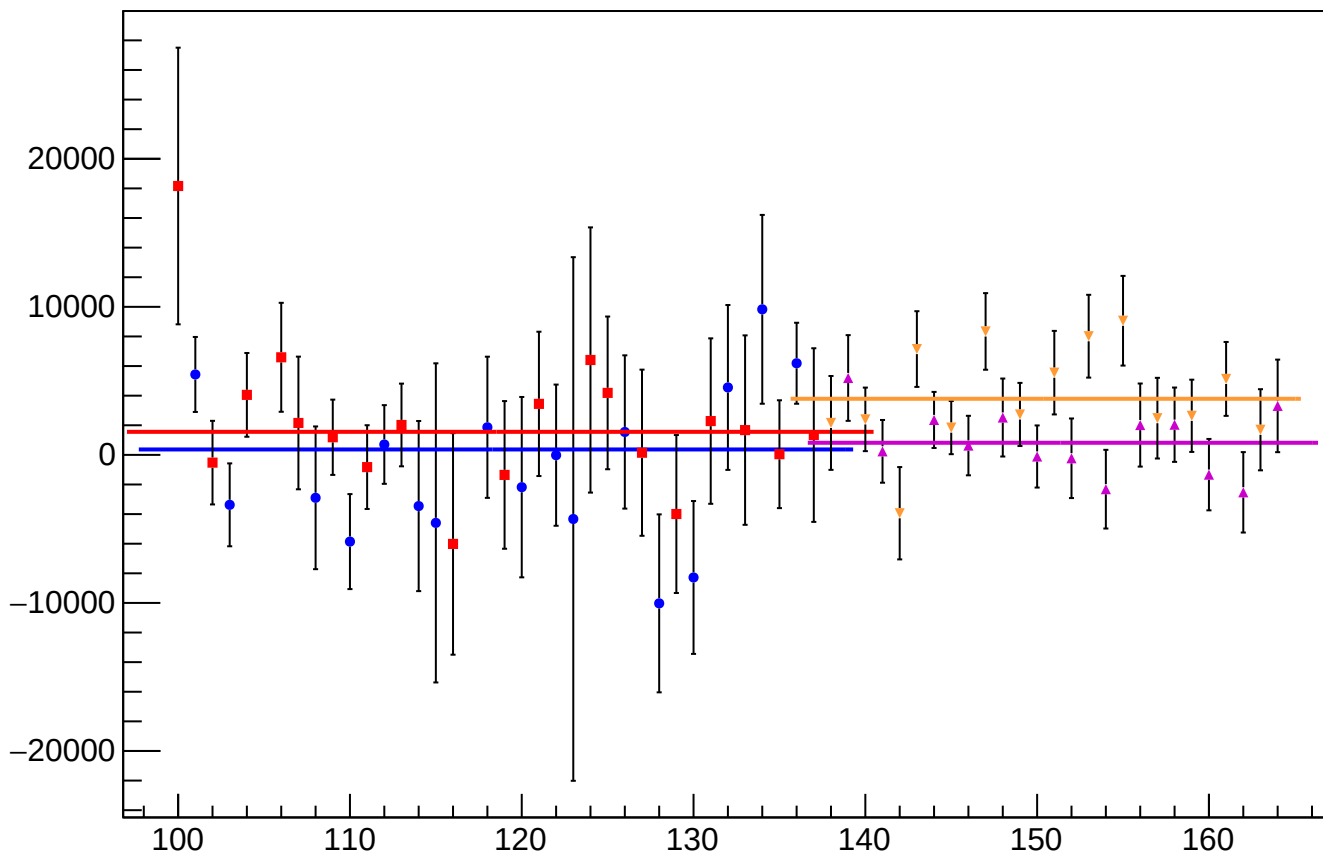
Left In: 2152.181+/-0.477 χ^2/NDF : 347749.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2155.855+/-0.337 χ^2/NDF : 863096.9/26

- 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: 3790.007+/-672.550 χ^2/NDF : 20.1/13

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

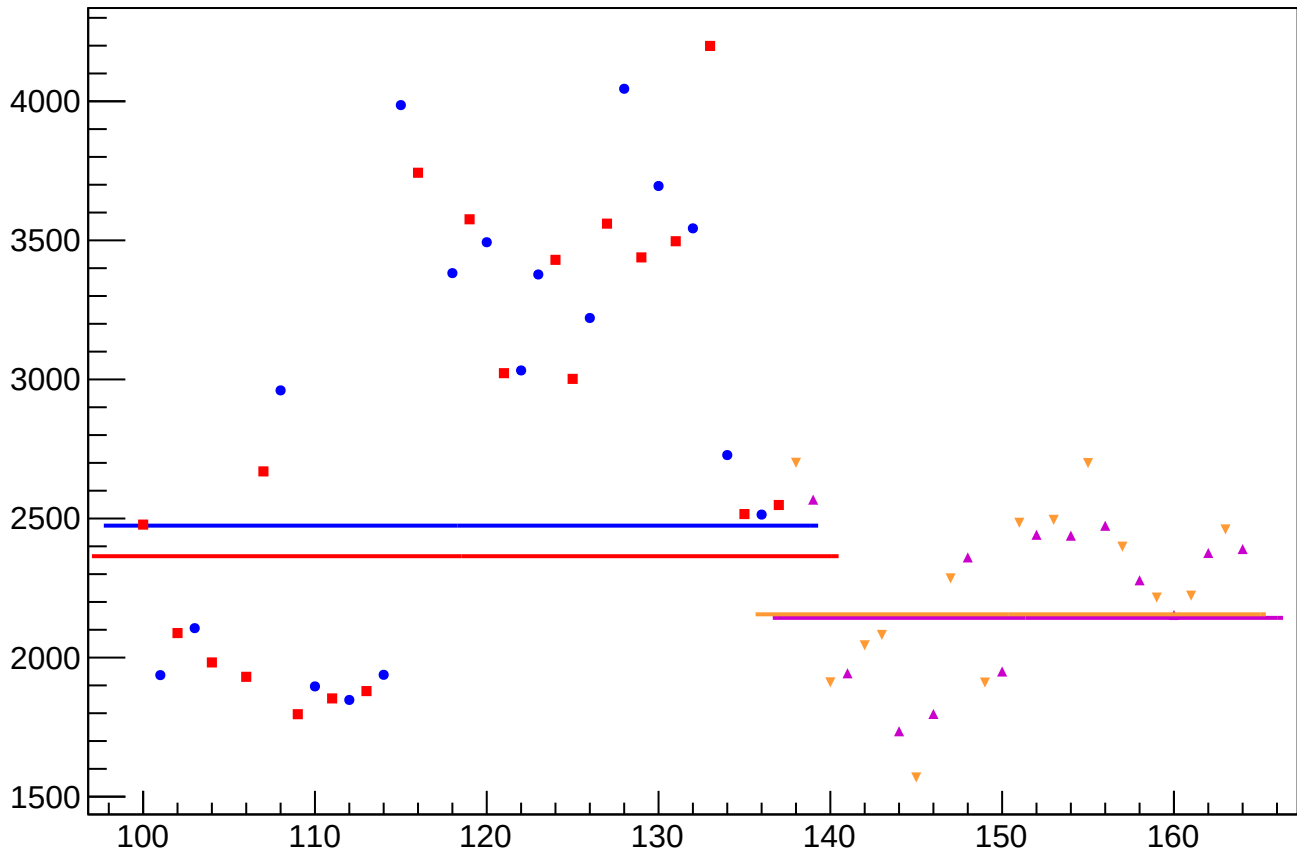
Left In: 817.981+/-671.873 χ^2/NDF : 8.6/12

+ sign 2712.633+/-556.758 χ^2/NDF : 52.4/30

All: 1873.281+/-388.880 χ^2/NDF : 76.4/62

- sign 1073.711+/-543.404 χ^2/NDF : 19.5/31

asym_sam4_rms vs Slug



Right In: 2474.389 $\pm$ 0.702 χ^2 /NDF: 906262.1/16

Left Out: 2155.563 $\pm$ 0.476 χ^2 /NDF: 498743.4/13

Right Out: 2364.507 $\pm$ 0.653 χ^2 /NDF: 1023402.8/18

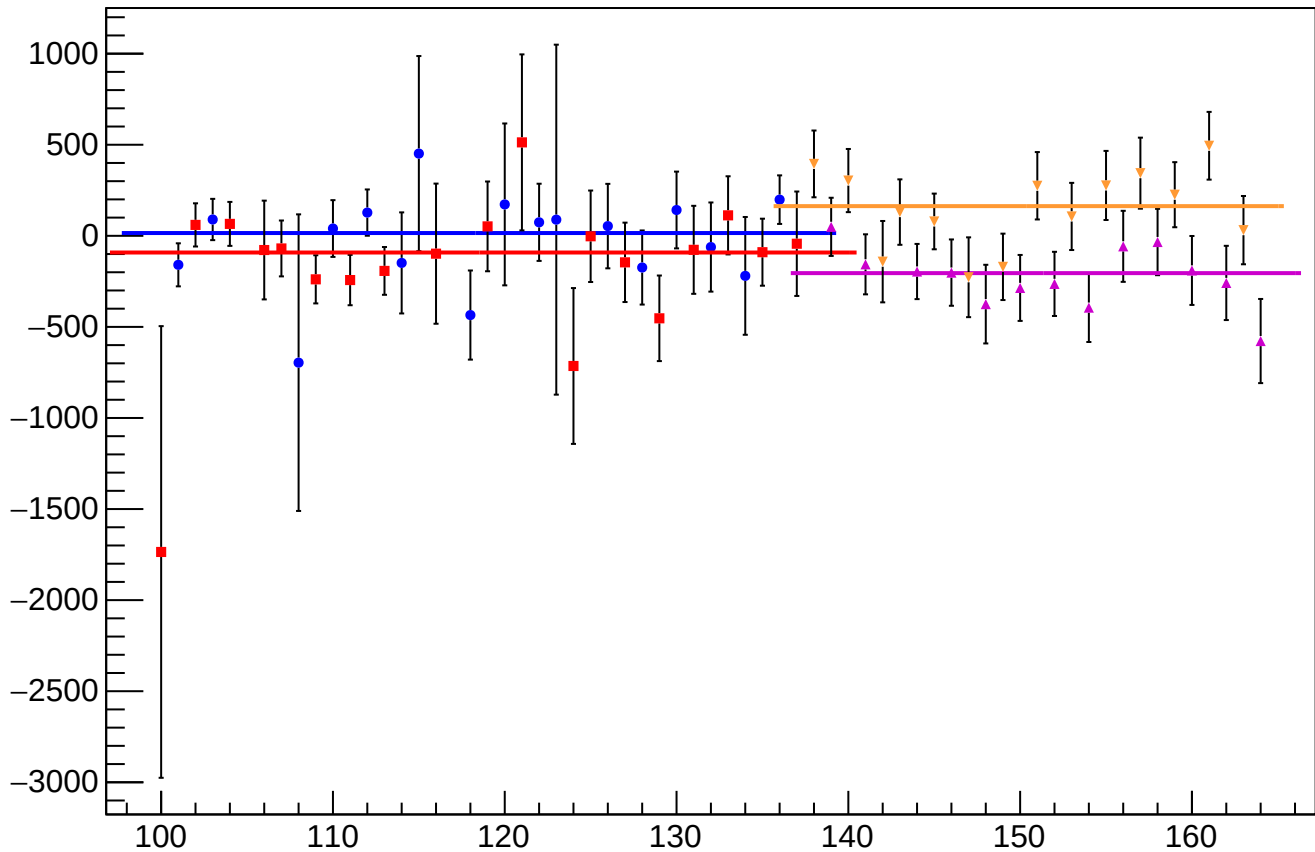
Left In: 2142.852 $\pm$ 0.475 χ^2 /NDF: 353477.4/12

+ sign 2255.896 $\pm$ 0.394 χ^2 /NDF: 1546447.3/30

All: 2237.263 $\pm$ 0.275 χ^2 /NDF: 3002986.9/62

- sign 2219.513 $\pm$ 0.384 χ^2 /NDF: 1452165.7/31

dit_asym_sam5_mean vs Slug



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

Left Out: 162.995 ± 49.430 χ^2/NDF : 16.5/13

Right Out: -91.634 ± 43.318 χ^2/NDF : 15.7/18

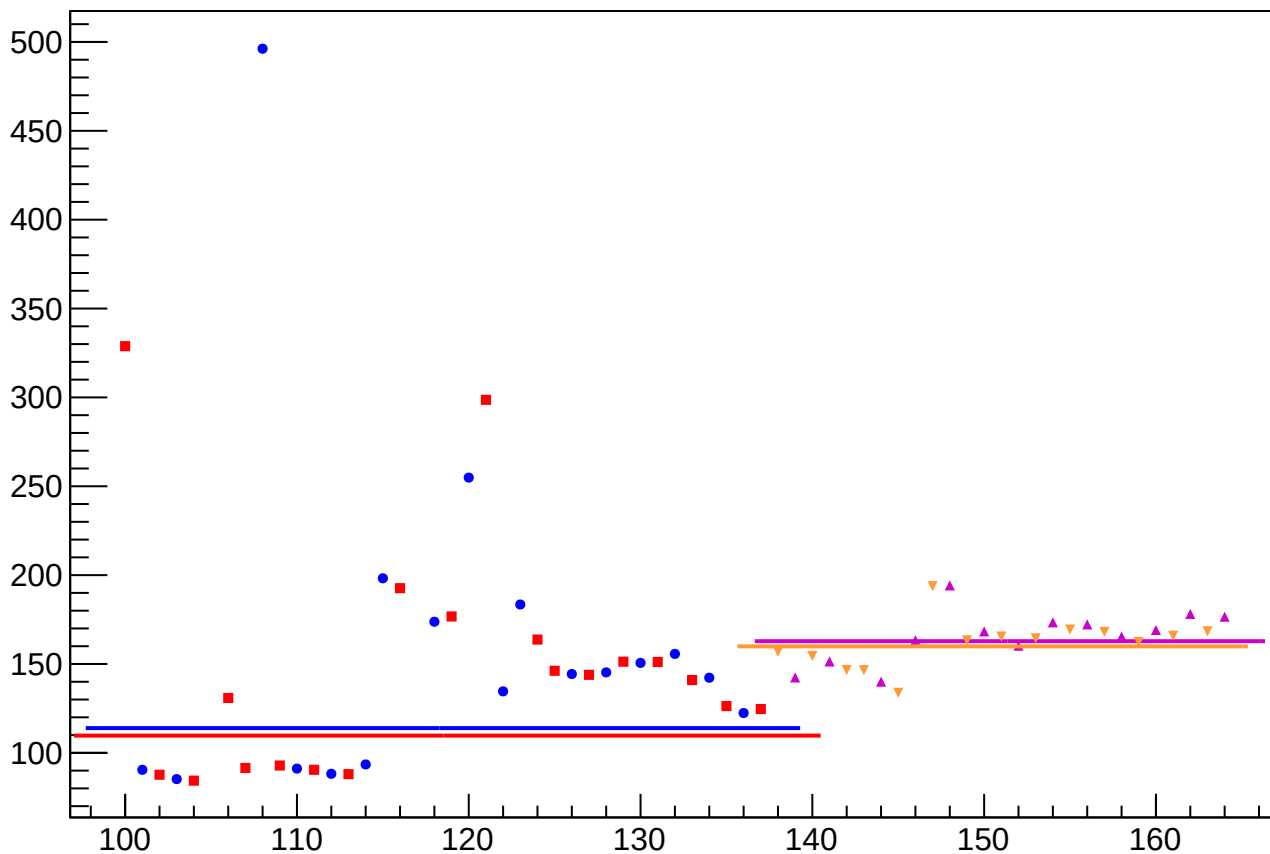
Left In: -204.781 ± 50.689 χ^2/NDF : 8.7/12

+ sign 84.553 ± 33.847 χ^2/NDF : 33.8/30

All: -30.489 ± 23.603 χ^2/NDF : 83.5/62

- sign -139.390 ± 32.931 χ^2/NDF : 27.2/31

dit_asym_sam5_rms vs Slug



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 159.920 $\pm$ 0.035 χ^2 /NDF:145509.4/13

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

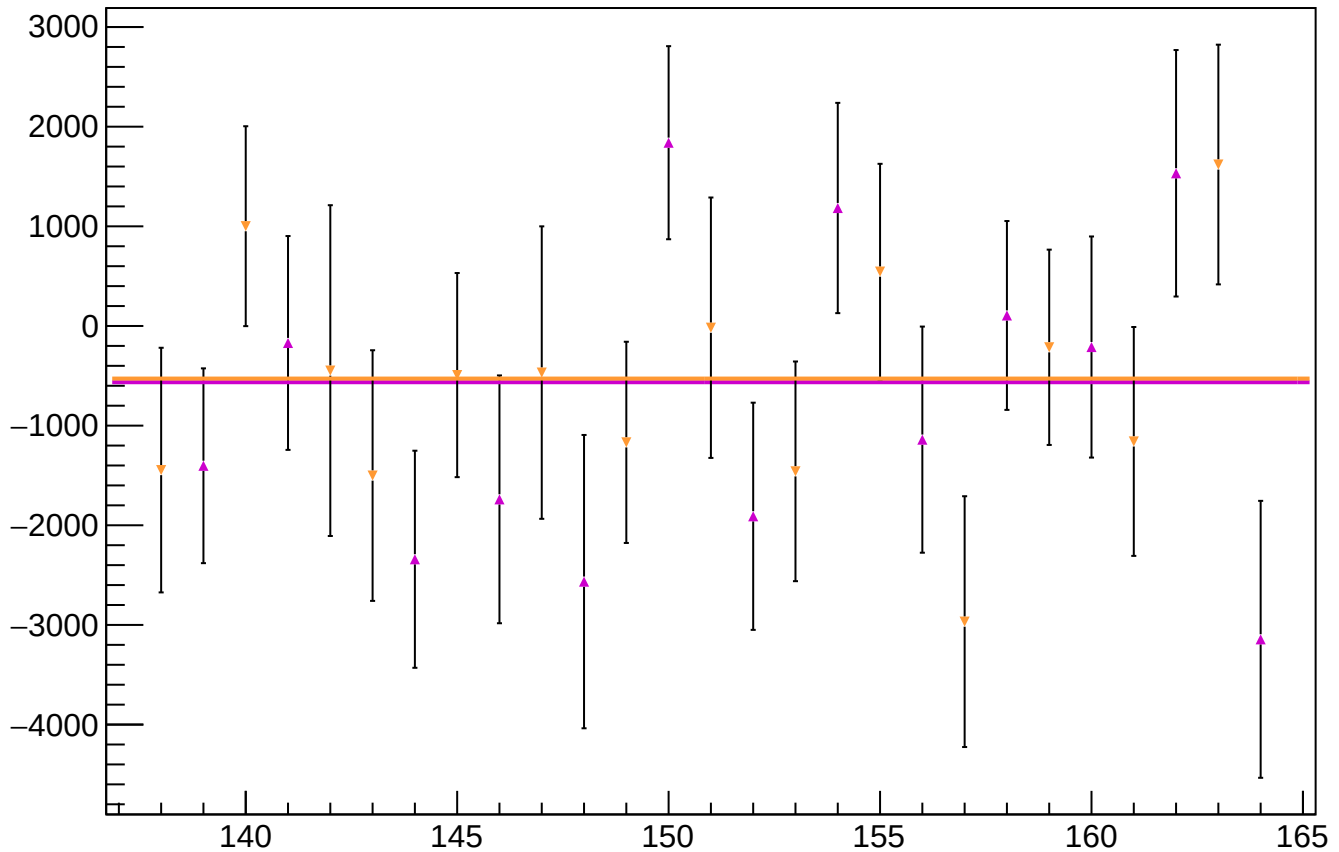
Left In: 162.820 $\pm$ 0.036 χ^2 /NDF:164021.3/12

+ sign 135.495 $\pm$ 0.024 χ^2 /NDF: 2472830.0/30

All: 133.764 $\pm$ 0.017 χ^2 /NDF: 5157998.6/62

- sign 132.126 $\pm$ 0.023 χ^2 /NDF: 2674992.0/31

asym_sam5_correction_mean vs Slug



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

Left Out: -527.690+/-309.535 χ^2/NDF :13.1/13

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

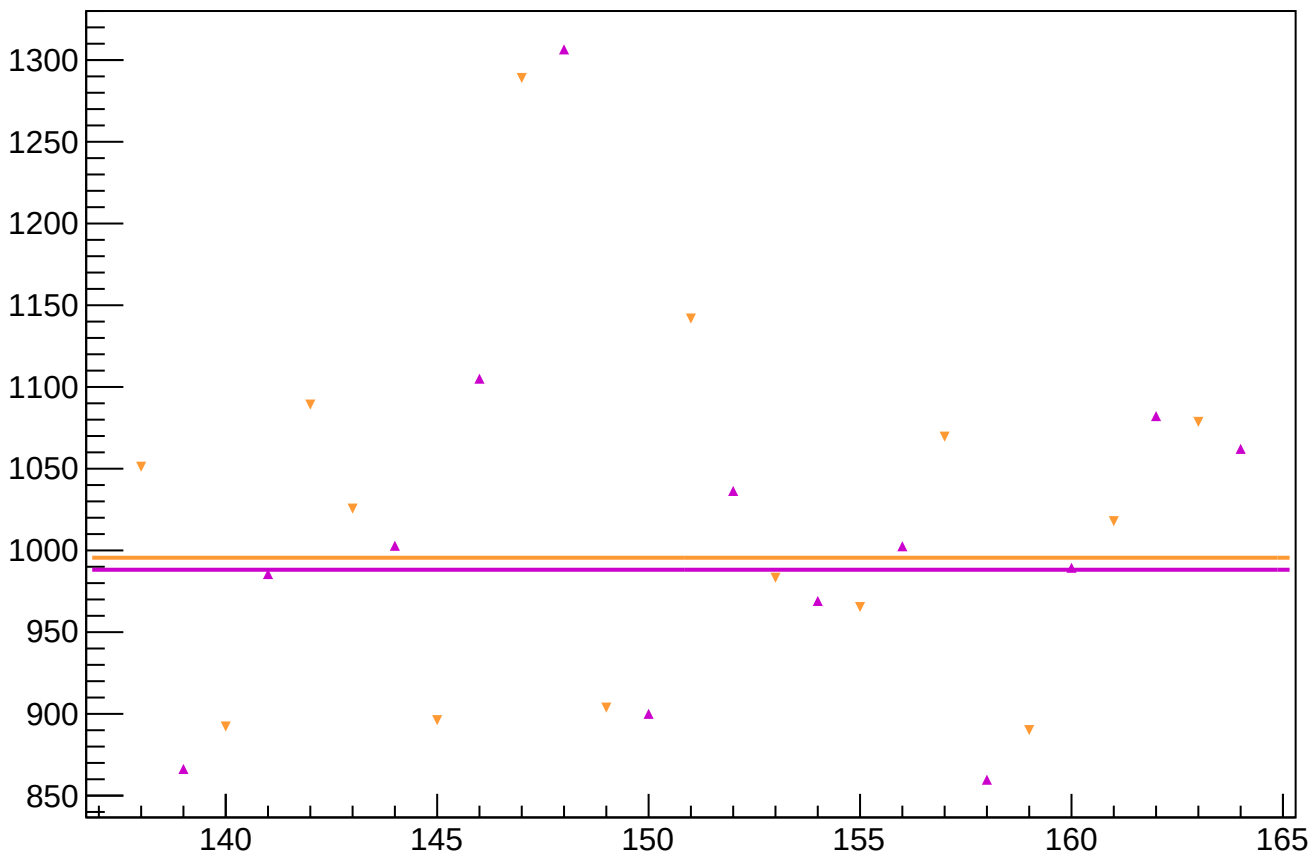
Left In: -564.451+/-308.988 χ^2/NDF :23.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -546.103+/-218.681 χ^2/NDF : 36.8/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_correction_rms vs Slug



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

Left Out: 995.538+/-0.219 χ^2/NDF : 215428.3/13

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

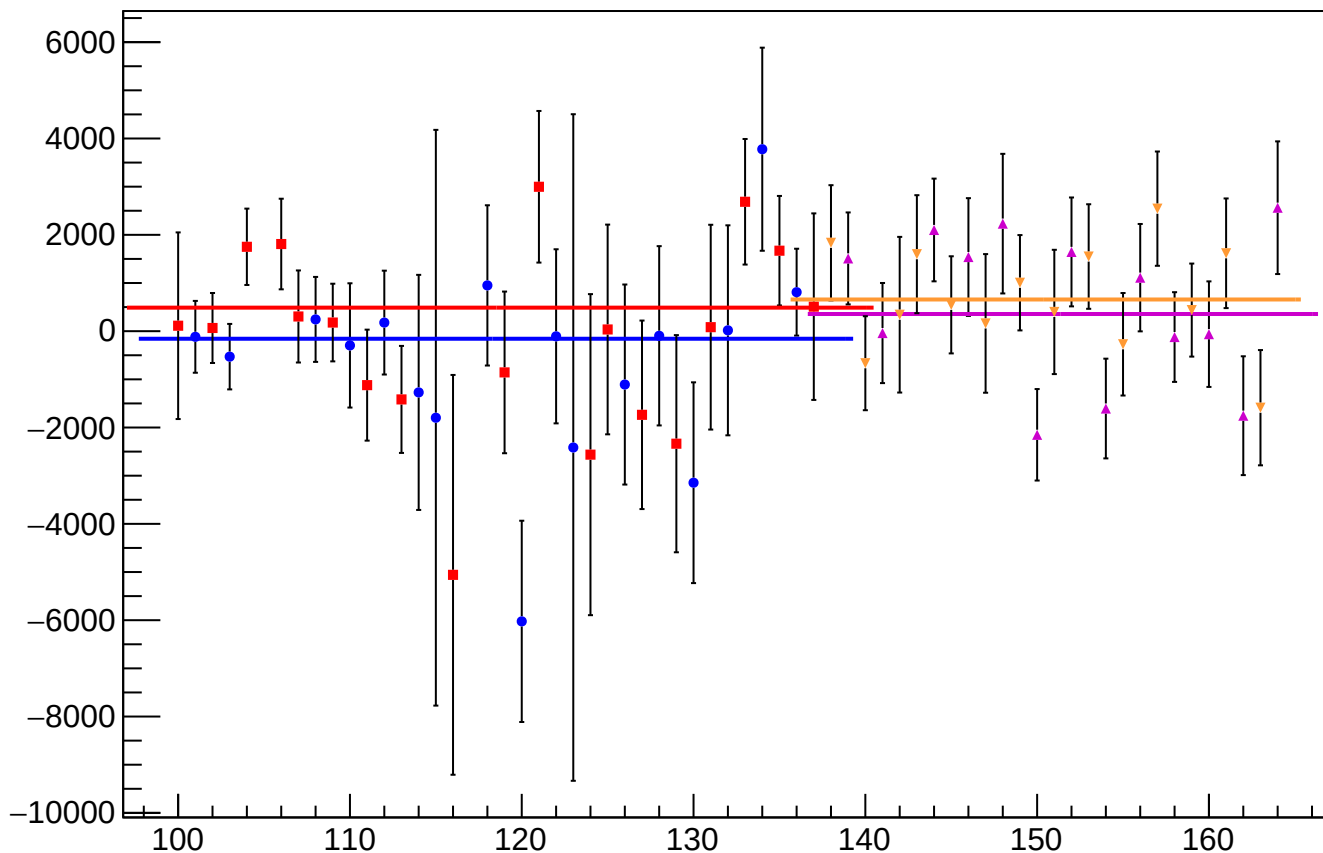
Left In: 988.187+/-0.218 χ^2/NDF : 217801.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.856+/-0.155 χ^2/NDF : 433794.8/26

- 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: 657.770+/-303.260 χ^2/NDF :12.0/13

Right Out: 488.583+/-282.758 χ^2/NDF : 22.6/18

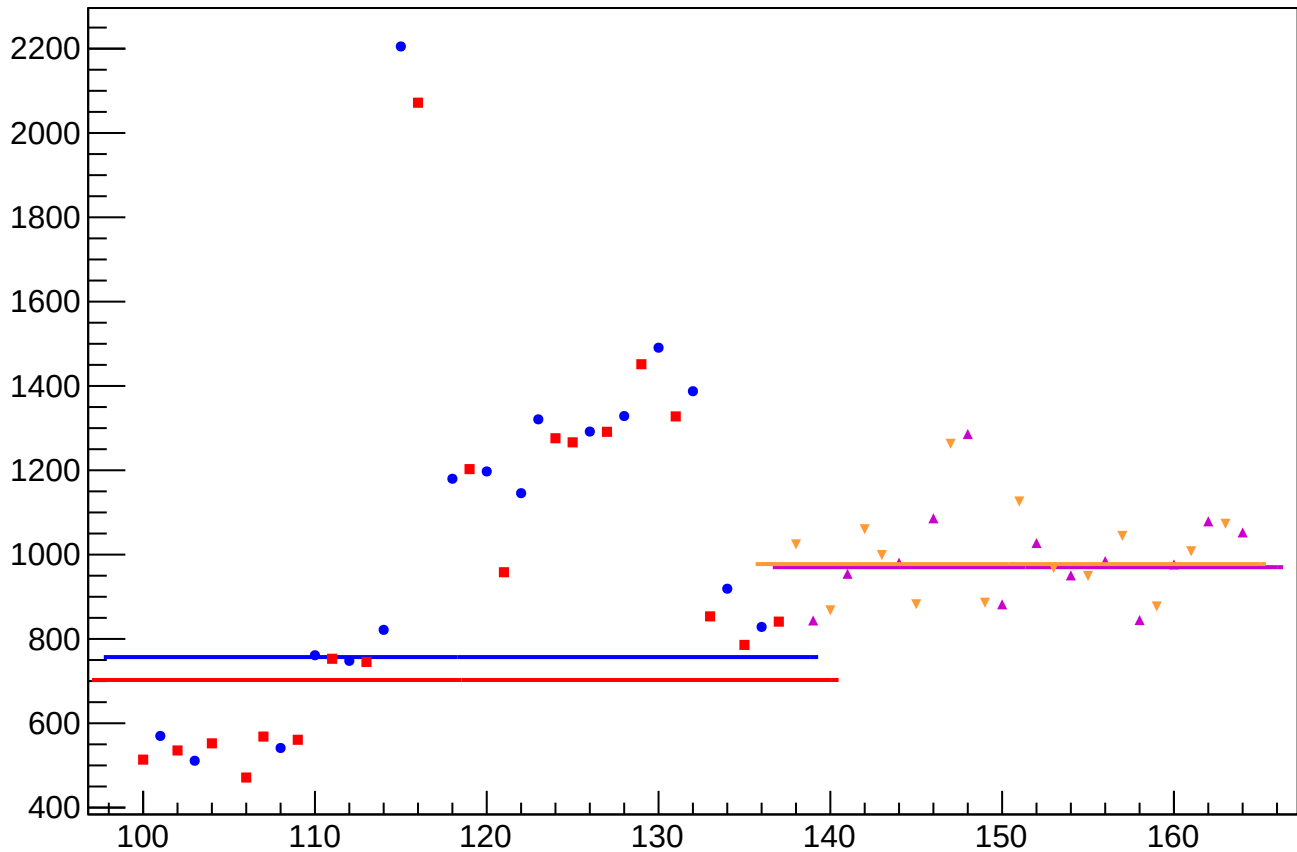
Left In: 356.544+/-303.586 χ^2/NDF :25.1/12

+ sign 262.522+/-217.630 χ^2/NDF : 31.7/30

All: 349.041+/-149.955 χ^2/NDF : 79.9/62

- sign 427.248+/-206.912 χ^2/NDF : 47.9/31

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF : 1711285.9/16

Left Out: 977.497+/-0.214 χ^2/NDF : 218002.9/13

+ sign 870.549+/-0.154 χ^2/NDF : 2442156.1/30

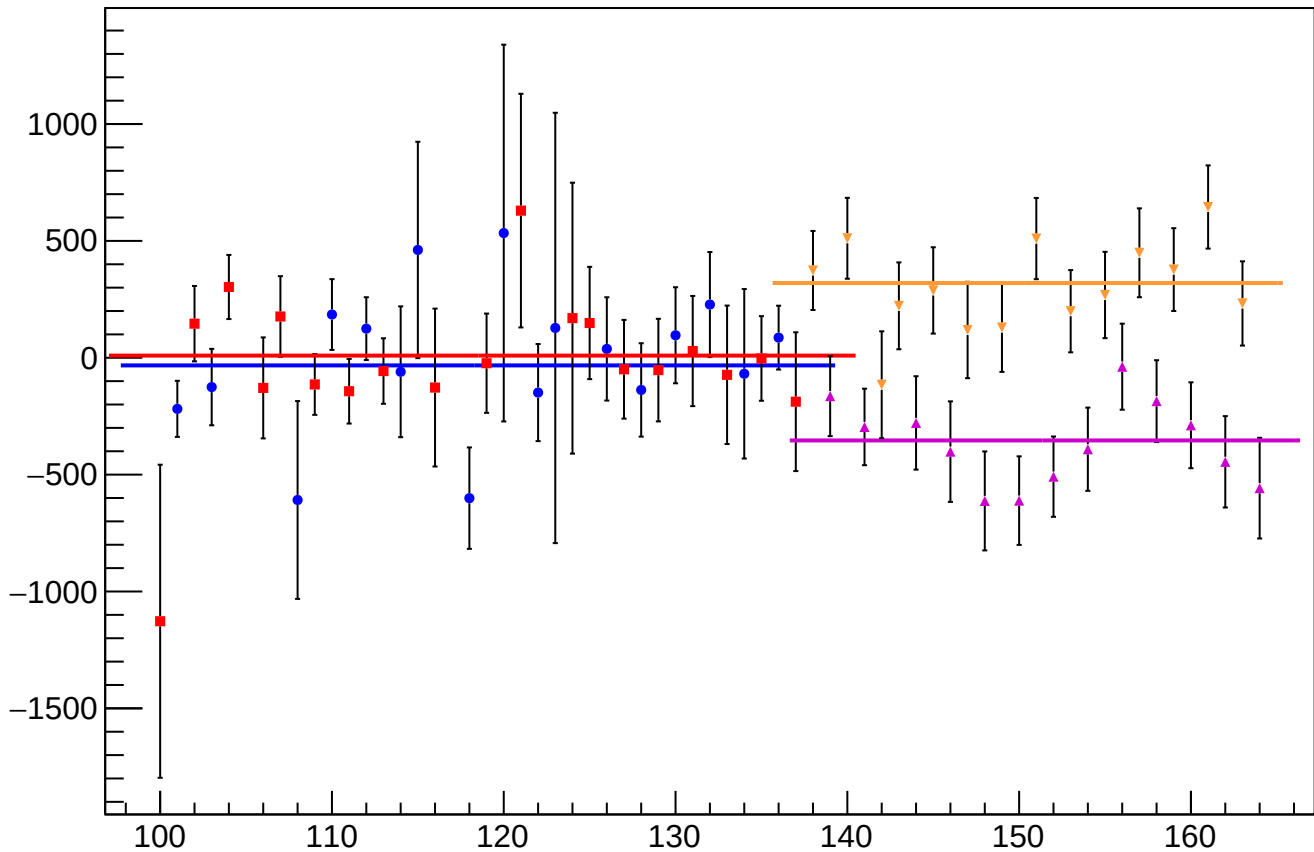
Right Out: 702.656+/-0.200 χ^2/NDF : 1689579.7/18

All: 847.659+/-0.106 χ^2/NDF : 5237208.1/62

- sign 826.969+/-0.146 χ^2/NDF : 2752928.3/31

Left In: 970.269+/-0.215 χ^2/NDF : 231162.0/12

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 319.880 ± 49.167 χ^2/NDF : 13.1/13

Right Out: 9.277 ± 45.600 χ^2/NDF : 14.7/18

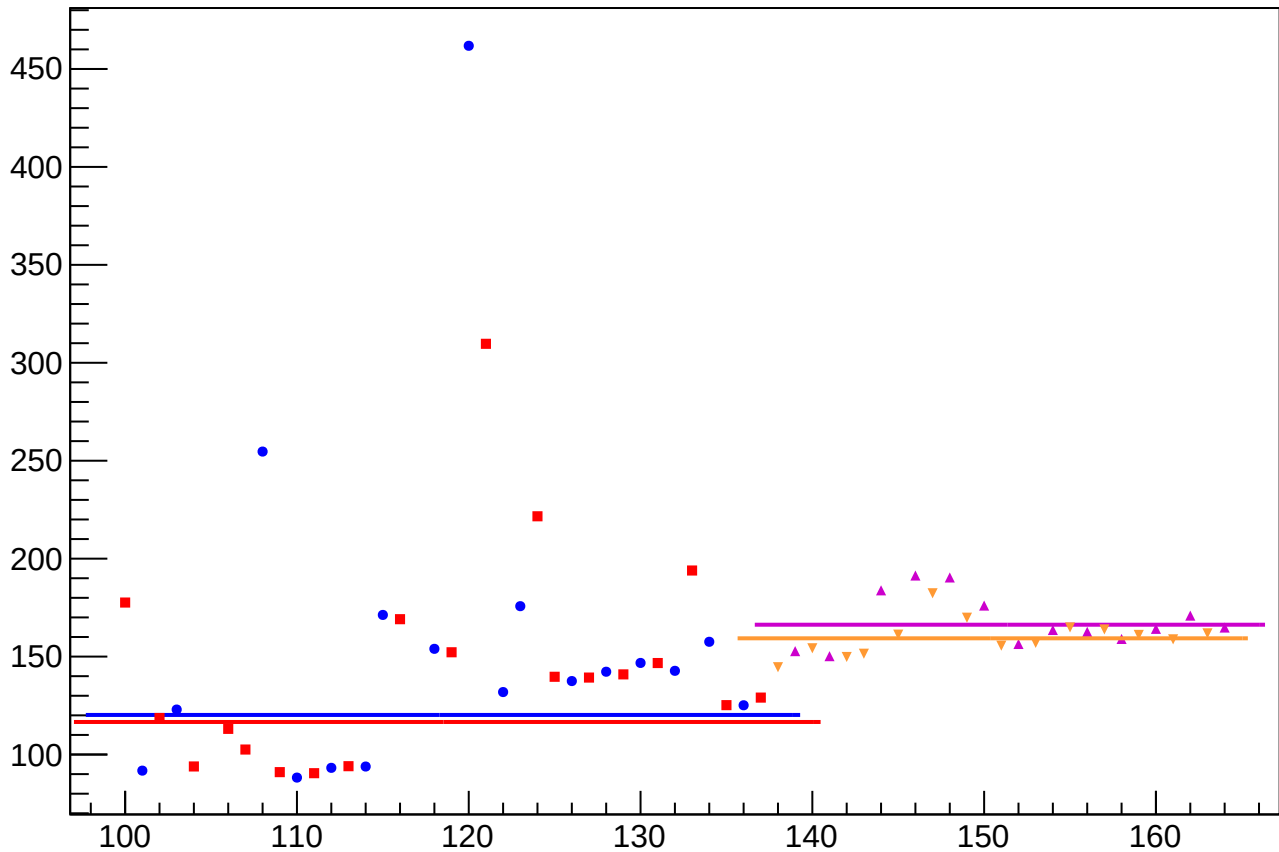
Left In: -353.683 ± 51.765 χ^2/NDF : 10.8/12

+ sign 140.935 ± 34.503 χ^2/NDF : 58.9/30

All: -5.398 ± 24.296 χ^2/NDF : 147.8/62

- sign -149.313 ± 34.217 χ^2/NDF : 53.2/31

dit_asym_sam6_rms vs Slug



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 159.328 $\pm$ 0.035 χ^2 /NDF: 60103.9/13

Right Out: 116.618 $\pm$ 0.032 χ^2 /NDF: 997956.6/18

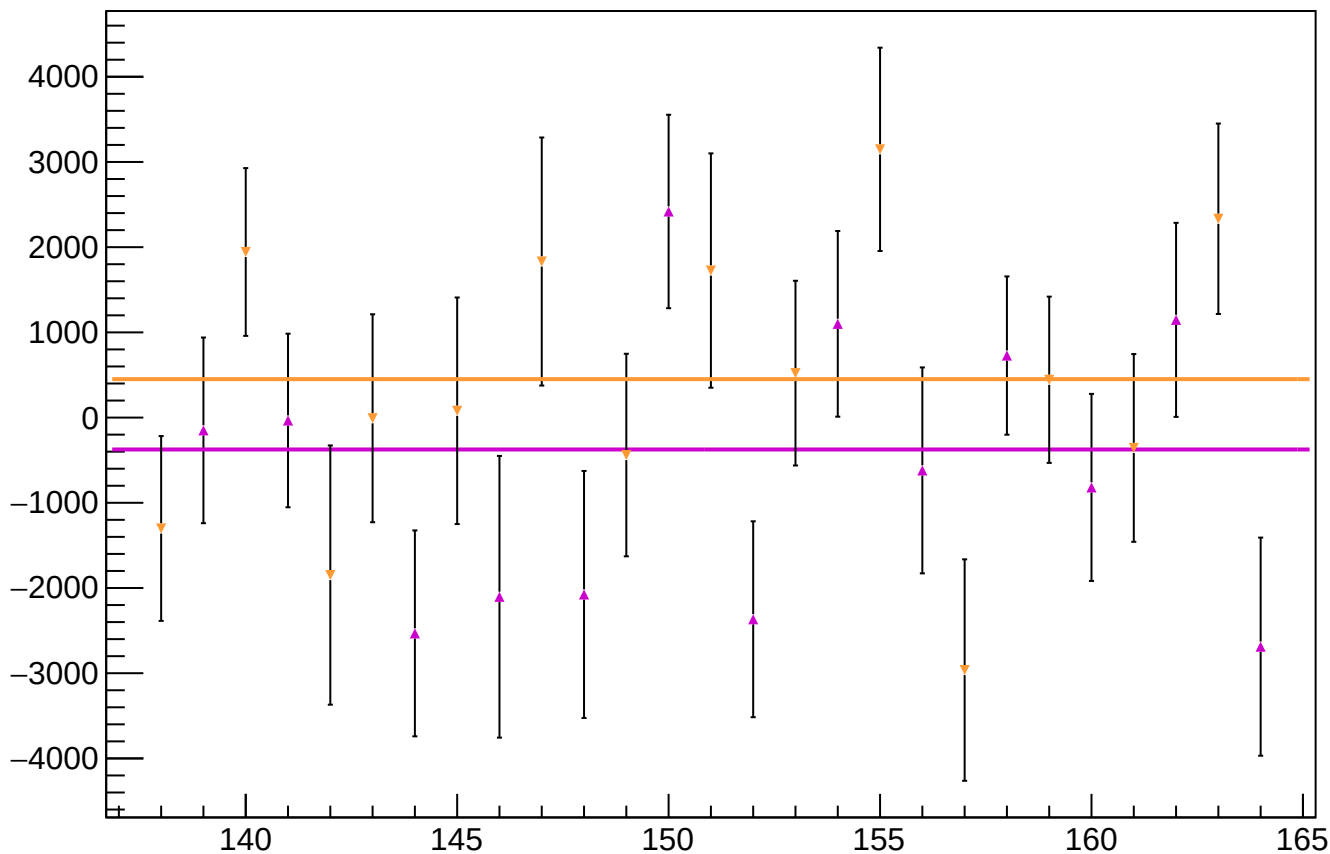
Left In: 166.274 $\pm$ 0.037 χ^2 /NDF: 118365.5/12

+ sign 139.472 $\pm$ 0.024 χ^2 /NDF: 1765074.7/30

All: 138.888 $\pm$ 0.017 χ^2 /NDF: 3918773.6/62

- sign 138.314 $\pm$ 0.024 χ^2 /NDF: 2152563.2/31

asym_sam6_correction_mean vs Slug



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

Left Out: 451.198+/-314.952 χ^2/NDF : 25.1/13

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

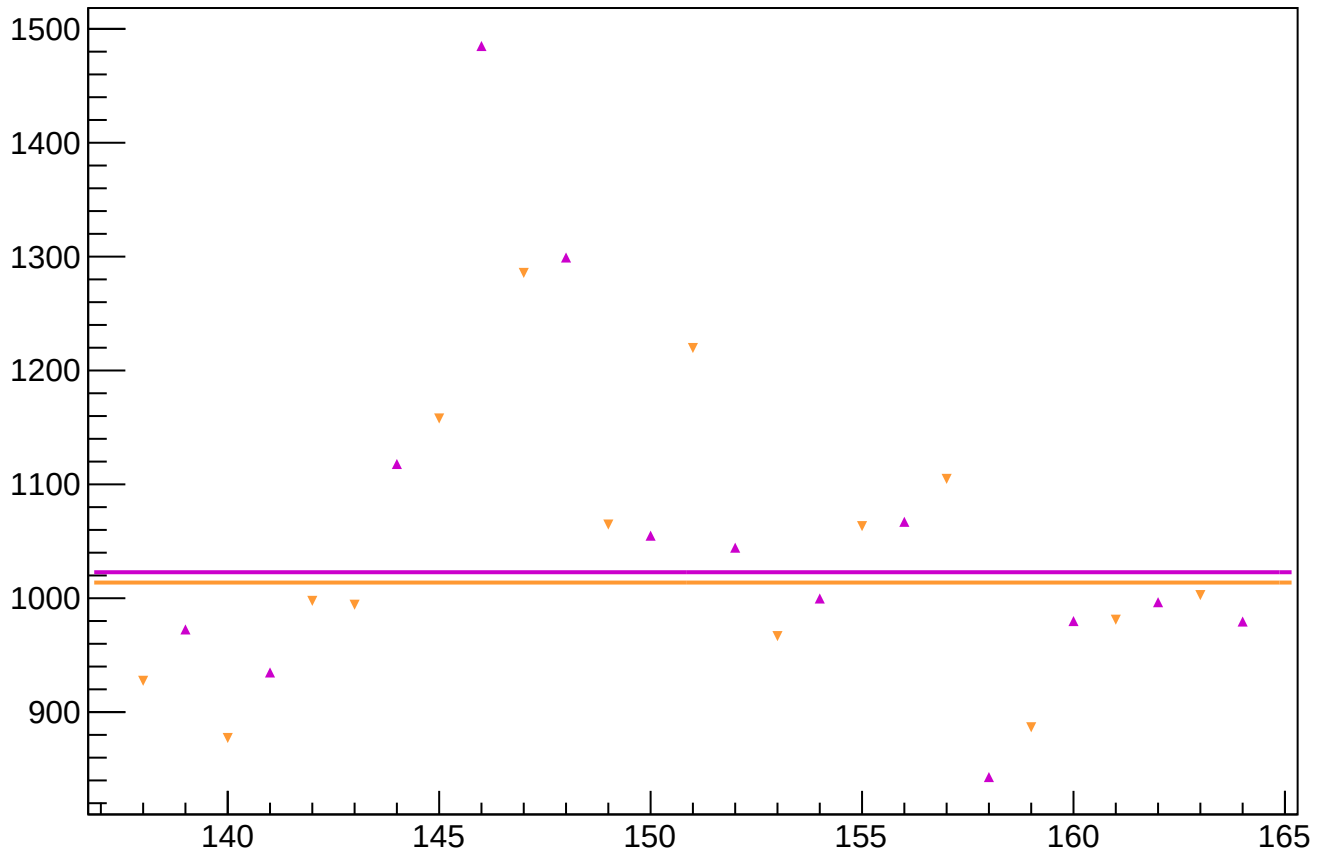
Left In: -374.295+/-320.036 χ^2/NDF : 23.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.060+/-224.480 χ^2/NDF : 51.9/26

- 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: 1013.774+/-0.223 χ^2/NDF : 246582.3/13

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

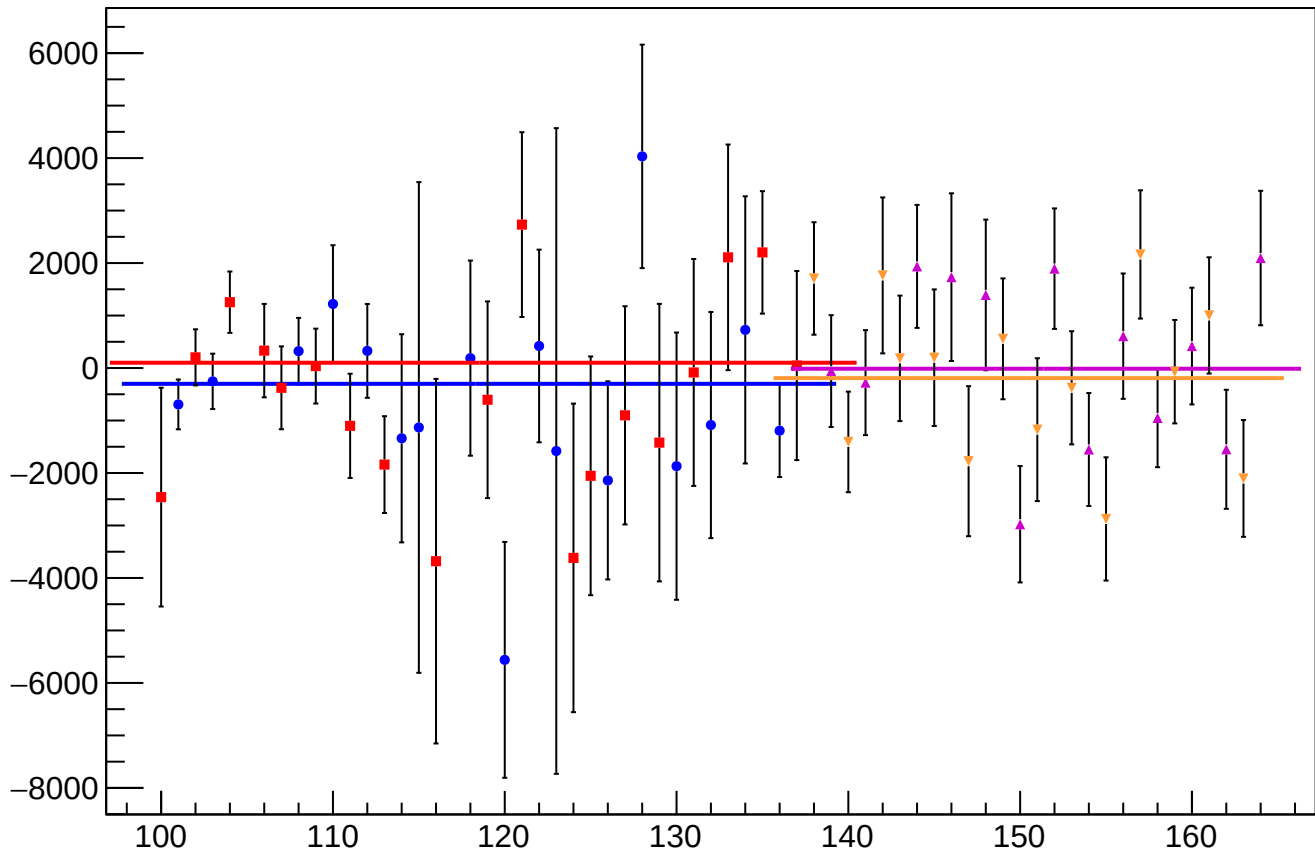
Left In: 1022.838+/-0.226 χ^2/NDF : 347883.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1018.233+/-0.159 χ^2/NDF : 595280.2/26

- 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: -192.407 ± 310.162 χ^2/NDF : 21.9/13

Right Out: 100.857 ± 245.981 χ^2/NDF : 22.5/18

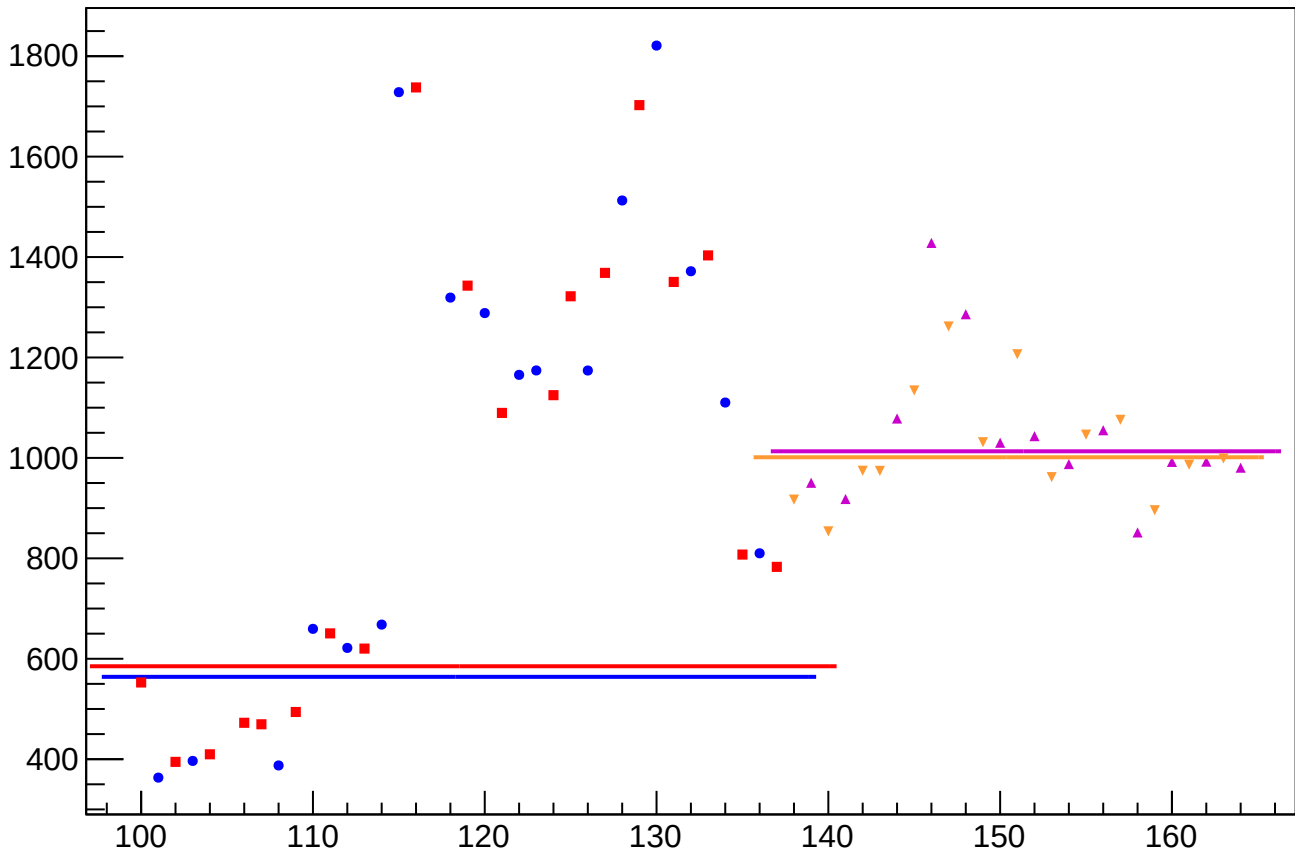
Left In: -13.399 ± 316.917 χ^2/NDF : 22.9/12

+ sign -258.225 ± 194.663 χ^2/NDF : 38.9/30

All: -99.880 ± 137.525 χ^2/NDF : 85.7/62

- sign 57.903 ± 194.317 χ^2/NDF : 45.5/31

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1001.283 $\pm$ 0.219 χ^2 /NDF: 231949.3/13

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

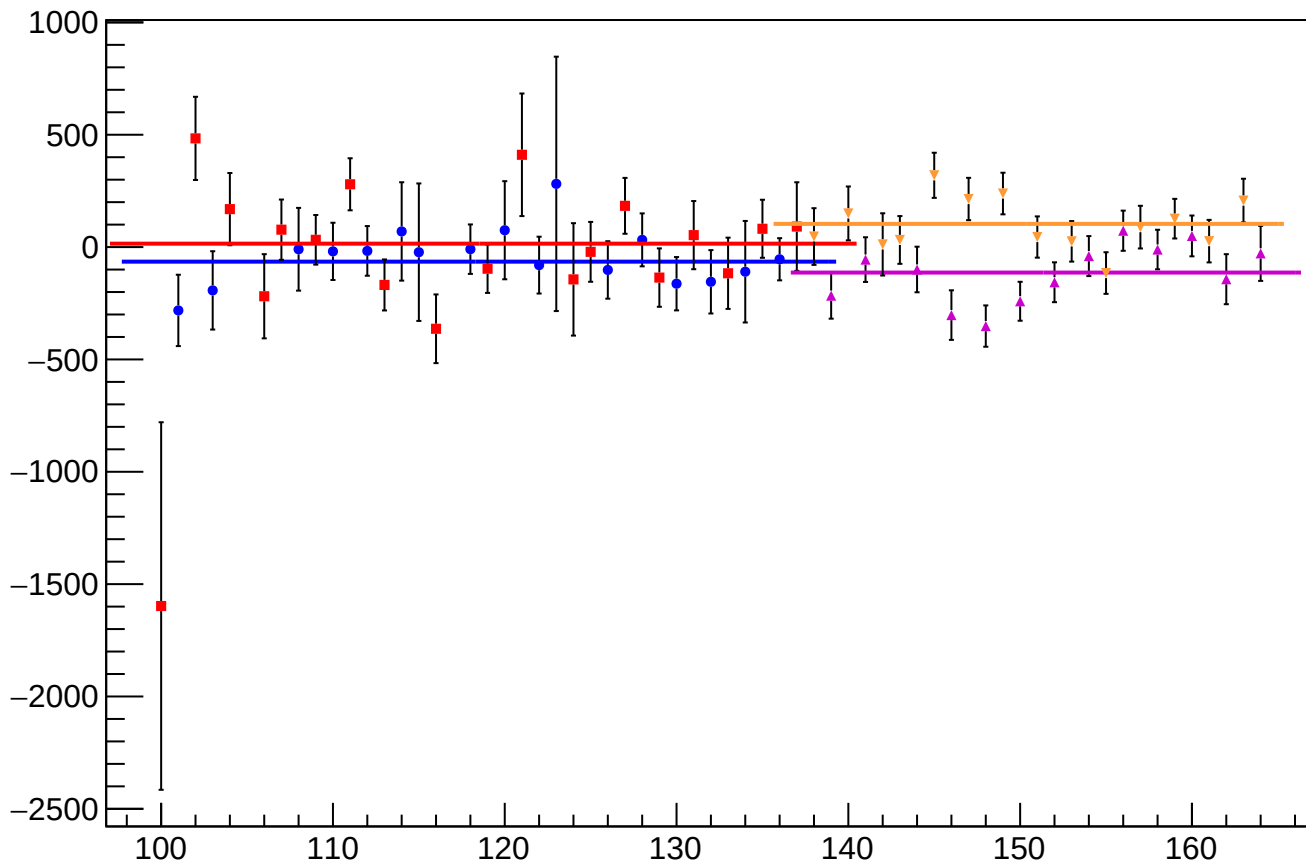
Left In: 1013.181 $\pm$ 0.224 χ^2 /NDF: 306029.2/12

+ sign 736.250 $\pm$ 0.138 χ^2 /NDF: 5902859.5/30

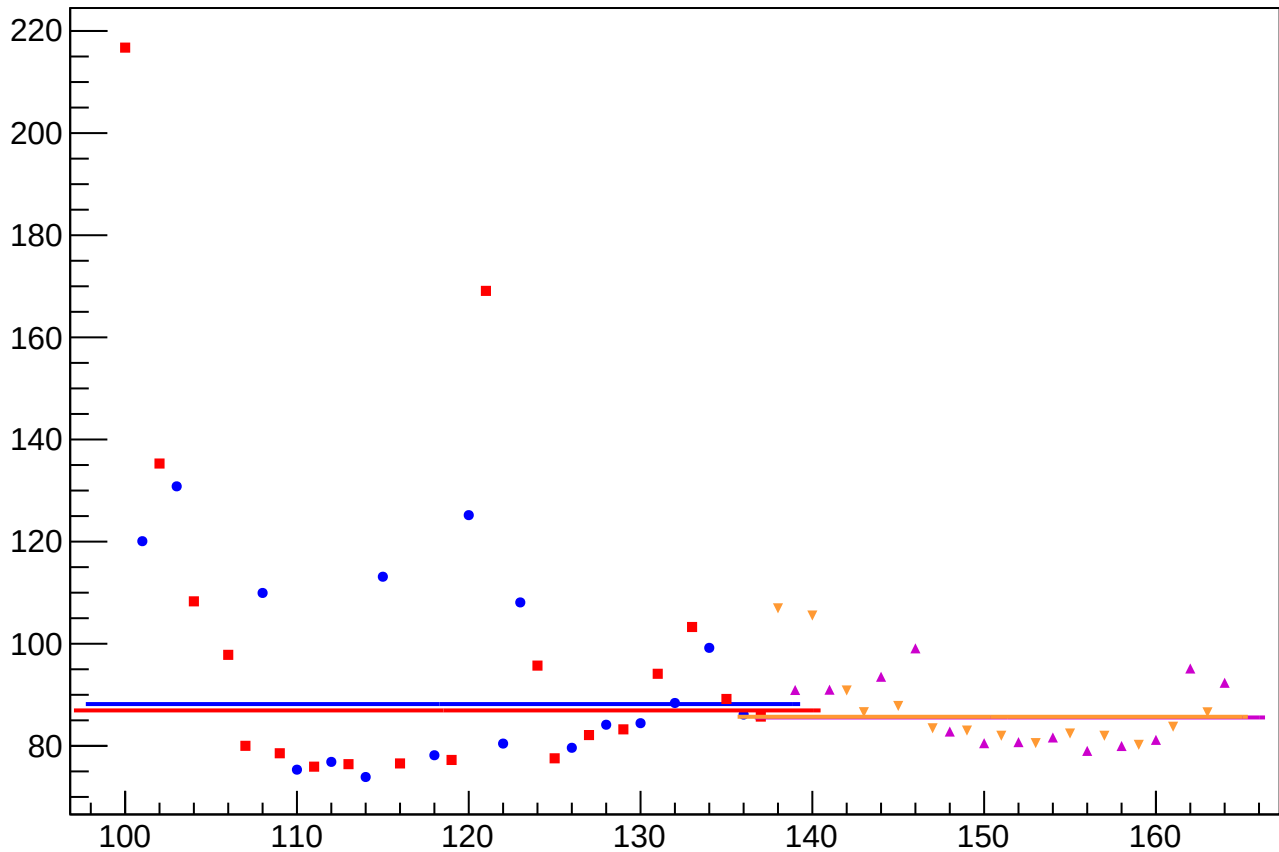
All: 741.143 $\pm$ 0.097 χ^2 /NDF: 11309817.0/62

- sign 746.018 $\pm$ 0.137 χ^2 /NDF: 5404434.9/31

dit_asym_sam7_mean vs Slug



dit_asym_sam7_rms vs Slug



Right In: 88.186 $\pm$ 0.024 χ^2 /NDF: 394447.7/16

Left Out: 85.698 $\pm$ 0.019 χ^2 /NDF: 142188.4/13

Right Out: 86.943 $\pm$ 0.024 χ^2 /NDF: 531359.9/18

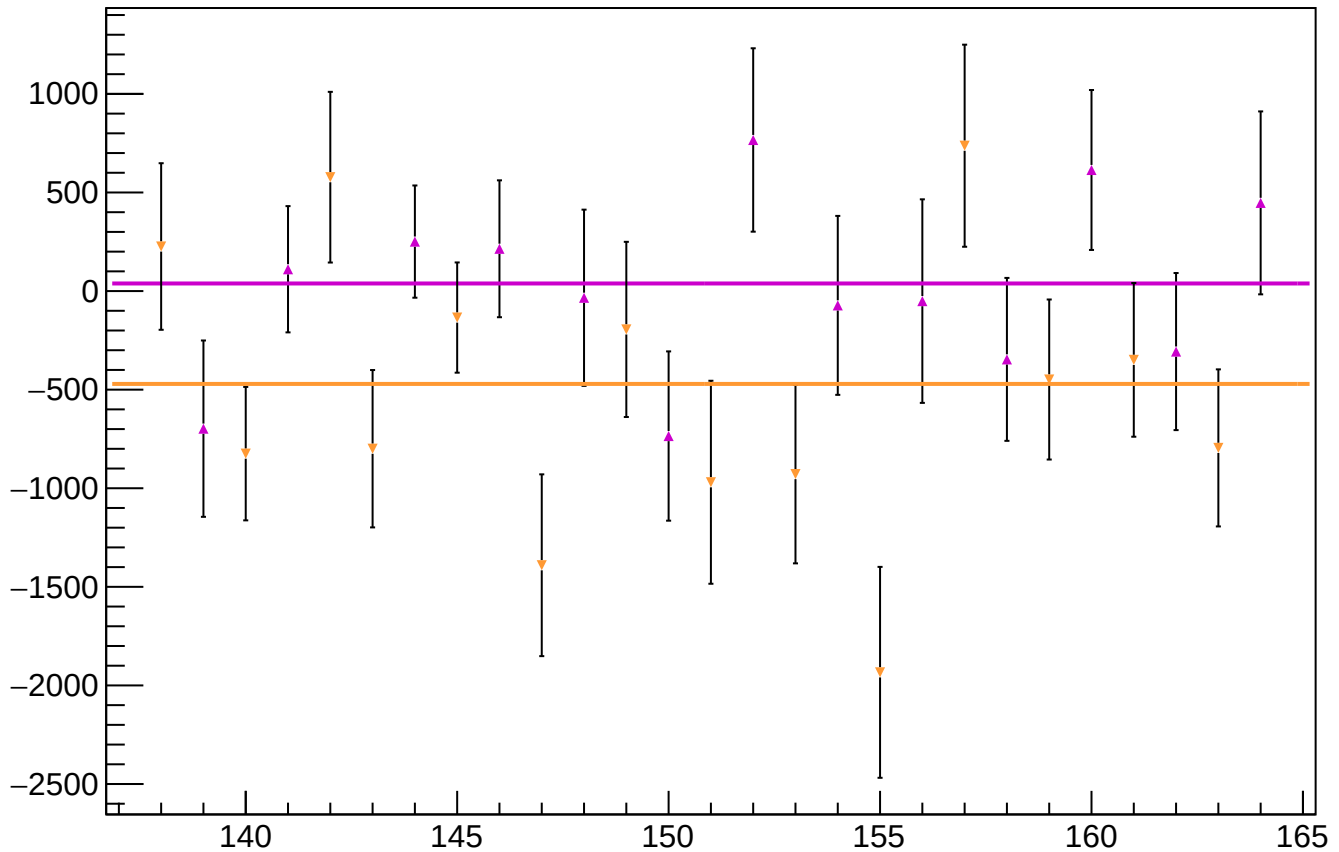
Left In: 85.564 $\pm$ 0.019 χ^2 /NDF: 116764.3/12

+ sign 86.620 $\pm$ 0.015 χ^2 /NDF: 543134.5/30

All: 86.358 $\pm$ 0.010 χ^2 /NDF: 1193949.8/62

- sign 86.101 $\pm$ 0.015 χ^2 /NDF: 650202.7/31

asym_sam7_correction_mean vs Slug



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

Left Out: -470.916+/-109.474 χ^2/NDF : 31.9/13

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

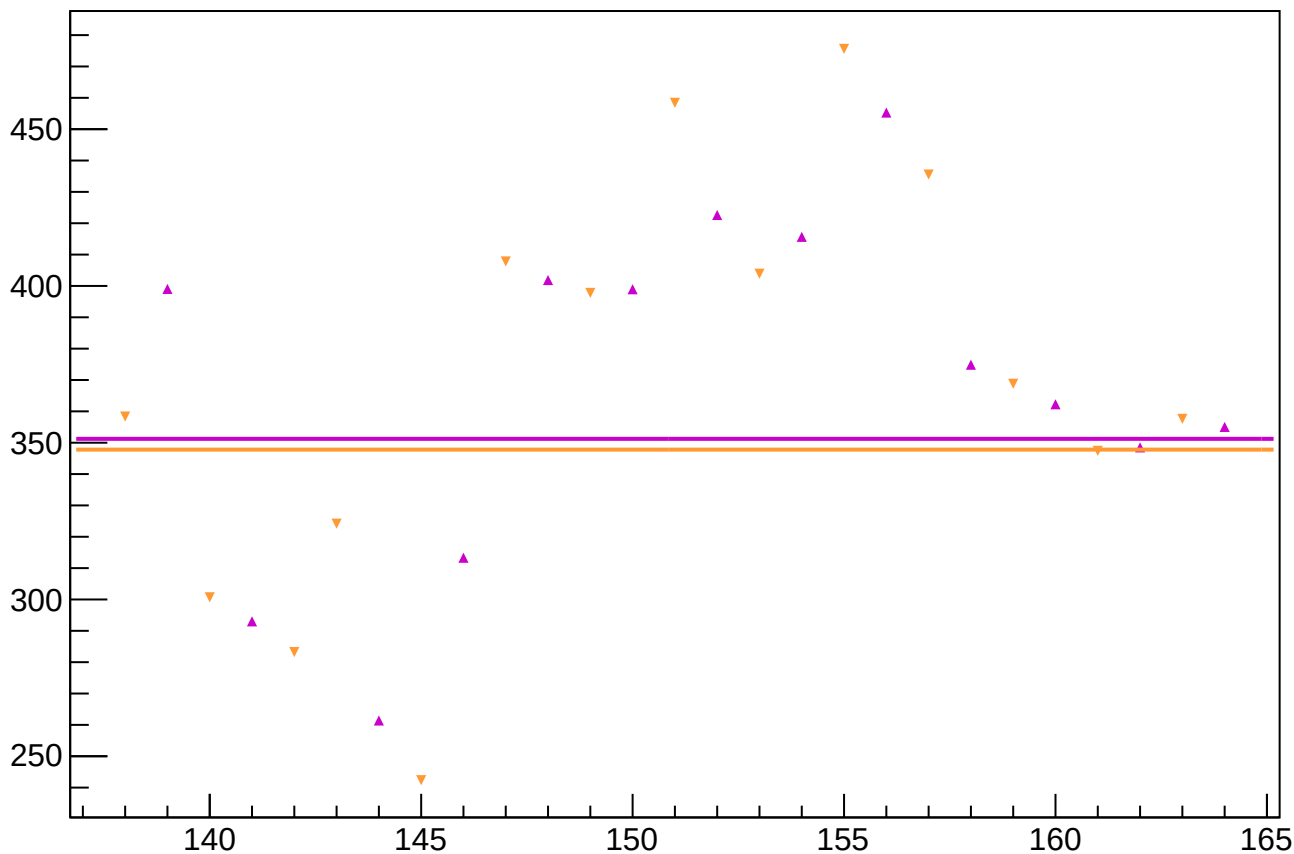
Left In: 38.528+/-110.460 χ^2/NDF : 13.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.478+/-77.756 χ^2/NDF : 56.5/26

- 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: 347.797+/-0.077 χ^2/NDF : 737767.7/13

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

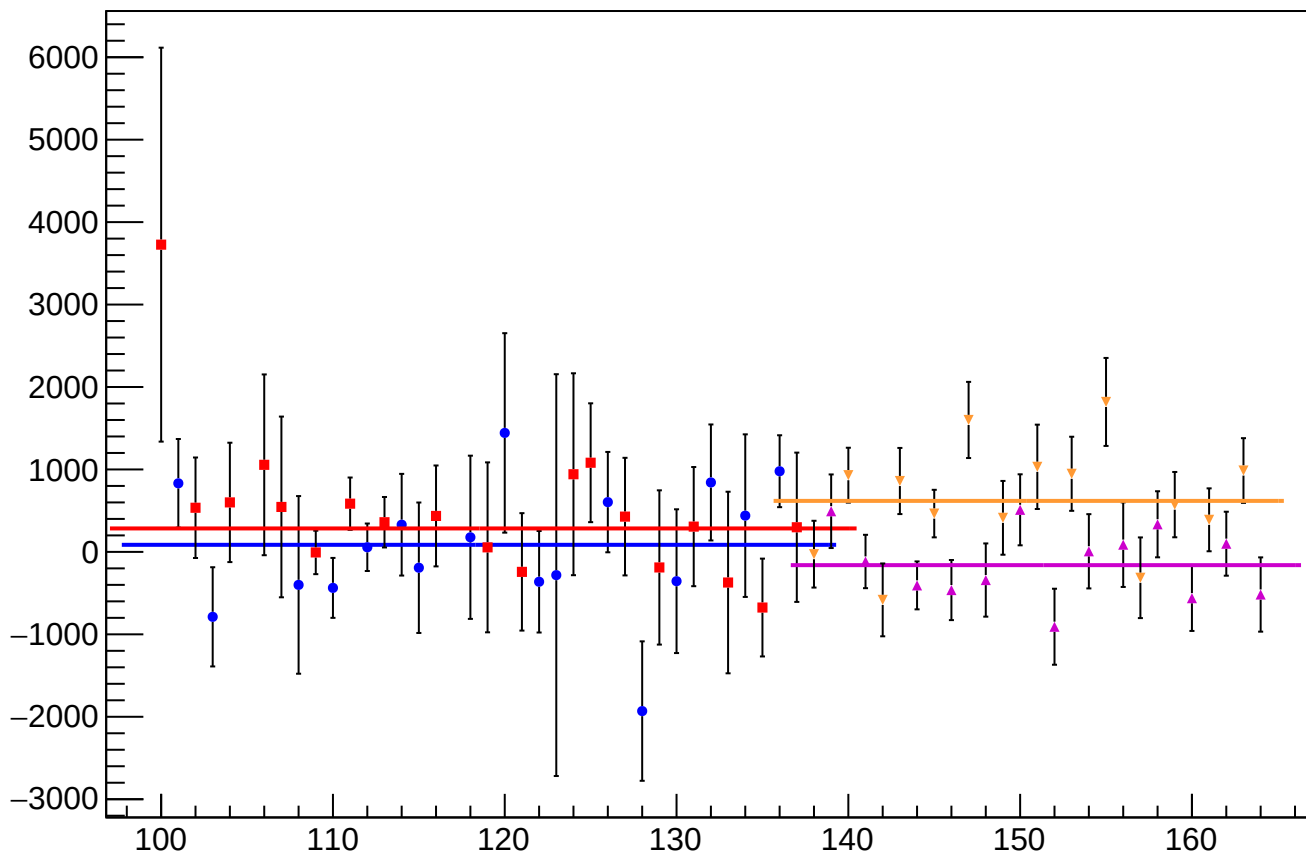
Left In: 351.231+/-0.078 χ^2/NDF : 539513.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.499+/-0.055 χ^2/NDF : 1278256.8/26

- 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: 618.670 $\pm$ 108.865 χ^2 /NDF: 27.3/13

Right Out: 284.456 $\pm$ 129.599 χ^2 /NDF: 10.6/18

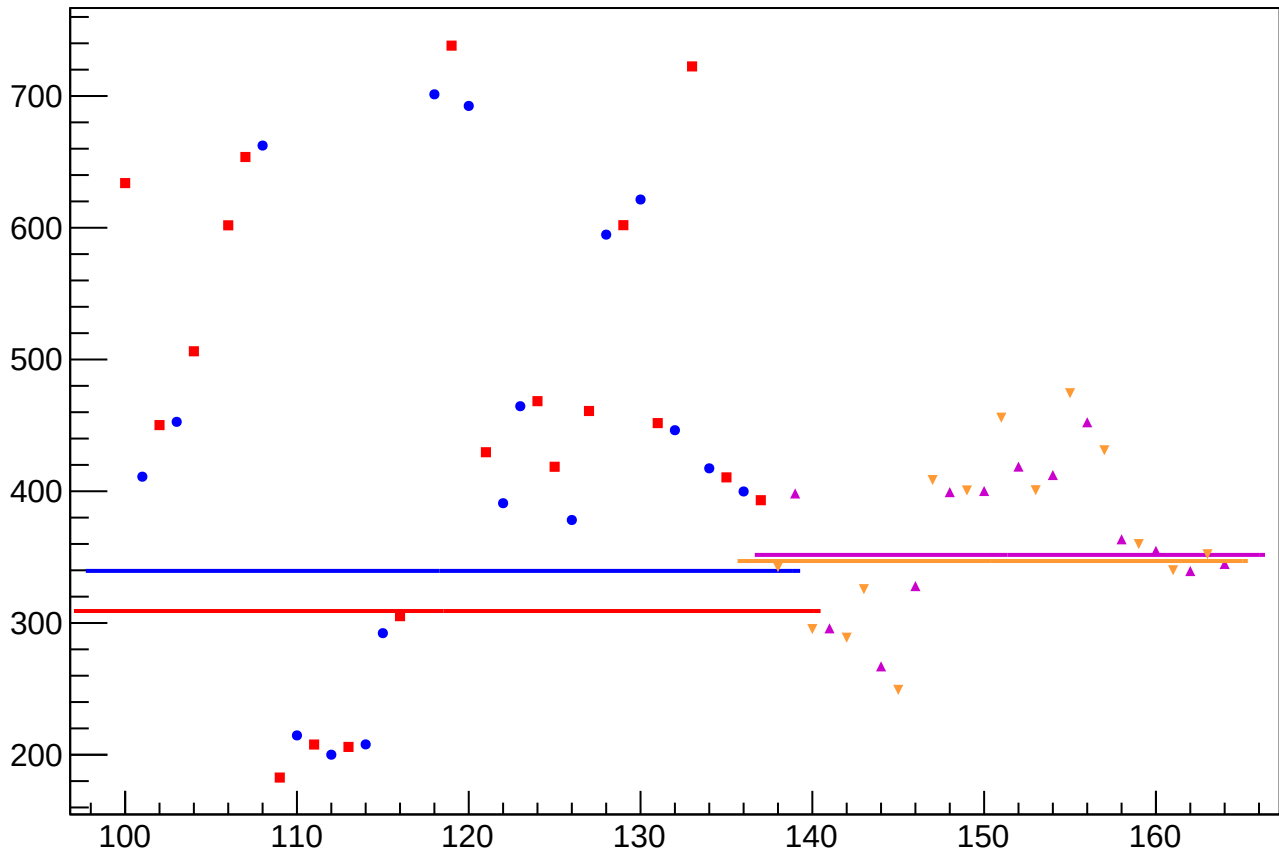
Left In: -160.761 $\pm$ 110.458 χ^2 /NDF: 12.8/12

+ sign 422.463 $\pm$ 86.531 χ^2 /NDF: 56.7/30

All: 218.799 $\pm$ 60.296 χ^2 /NDF: 97.7/62

- sign 26.572 $\pm$ 84.066 χ^2 /NDF: 30.2/31

asym_sam7_rms vs Slug



Right In: 339.553 ± 0.101 $\chi^2/\text{NDF}: 2042244.1/16$

Left Out: 347.047 ± 0.077 $\chi^2/\text{NDF}: 678097.3/13$

Right Out: 309.105 ± 0.092 $\chi^2/\text{NDF}: 2730308.7/18$

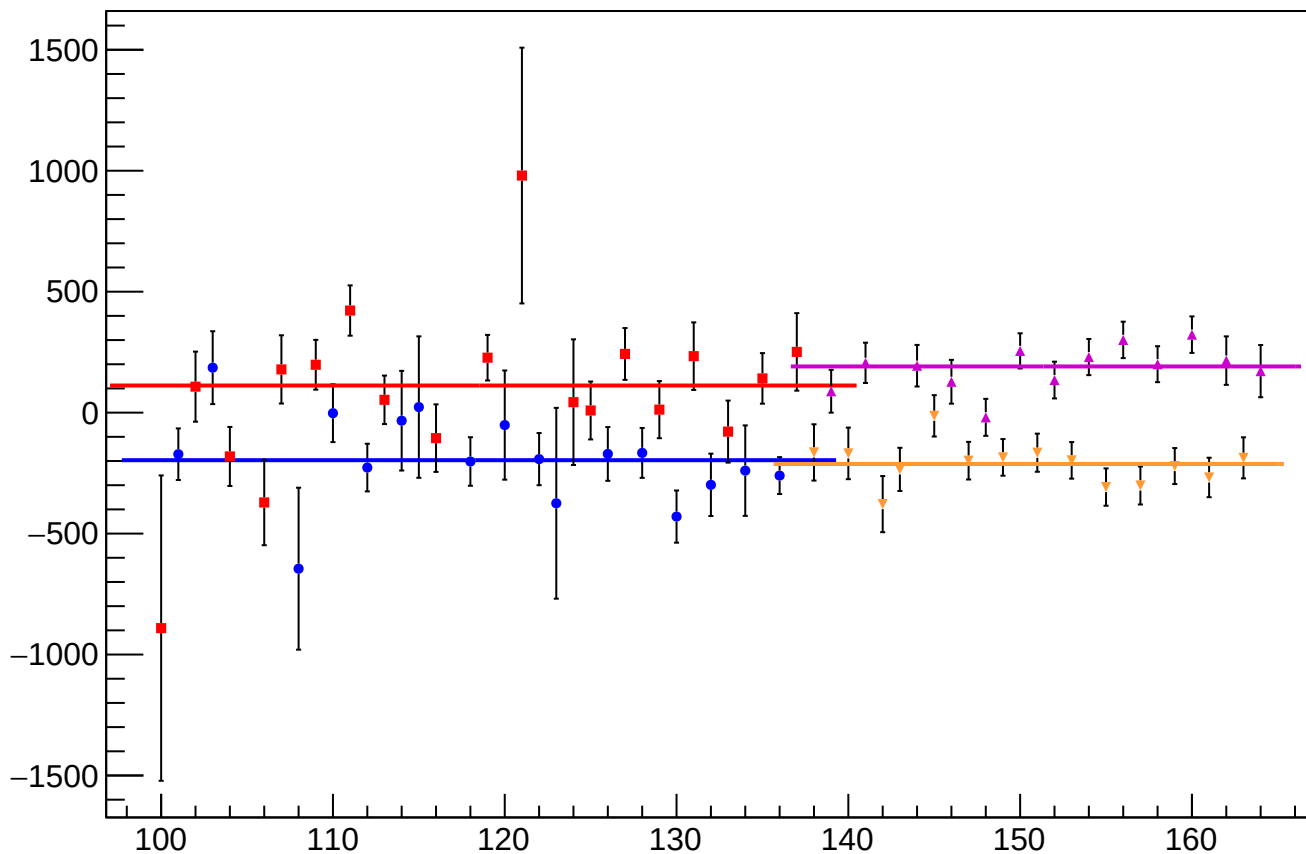
Left In: 351.694 ± 0.078 $\chi^2/\text{NDF}: 467310.3/12$

+ sign 344.287 ± 0.061 $\chi^2/\text{NDF}: 2723831.4/30$

All: 338.879 ± 0.043 $\chi^2/\text{NDF}: 6061743.2/62$

- sign 333.774 ± 0.059 $\chi^2/\text{NDF}: 3322723.3/31$

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -212.342 ± 22.514 χ^2/NDF : 11.8/13

Right Out: 112.097 ± 29.622 χ^2/NDF : 39.3/18

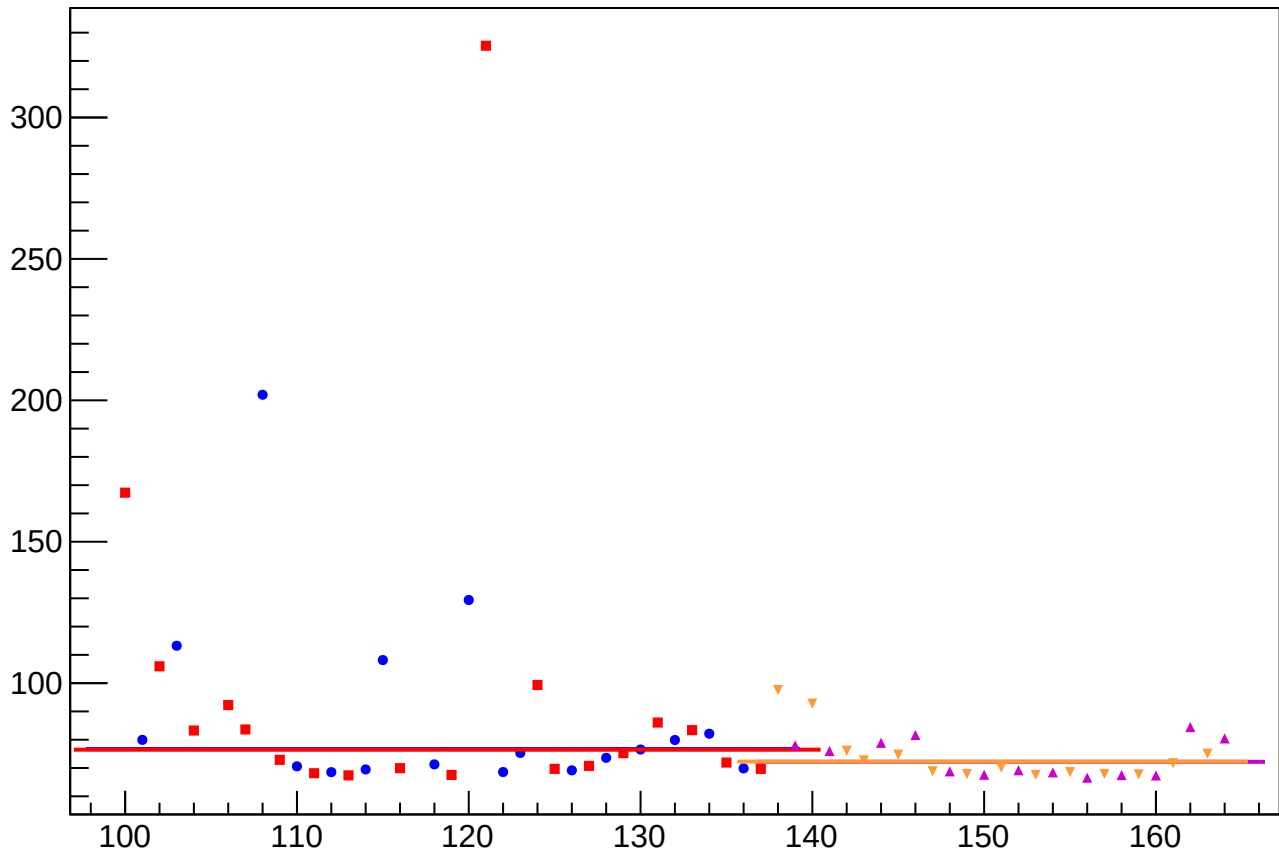
Left In: 190.956 ± 22.584 χ^2/NDF : 16.3/12

+ sign -206.765 ± 18.092 χ^2/NDF : 31.0/30

All: -21.039 ± 12.746 χ^2/NDF : 300.3/62

- sign 161.968 ± 17.959 χ^2/NDF : 60.1/31

dit_asym_sam8_rms vs Slug



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 72.273 $\pm$ 0.016 χ^2 /NDF: 212742.5/13

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

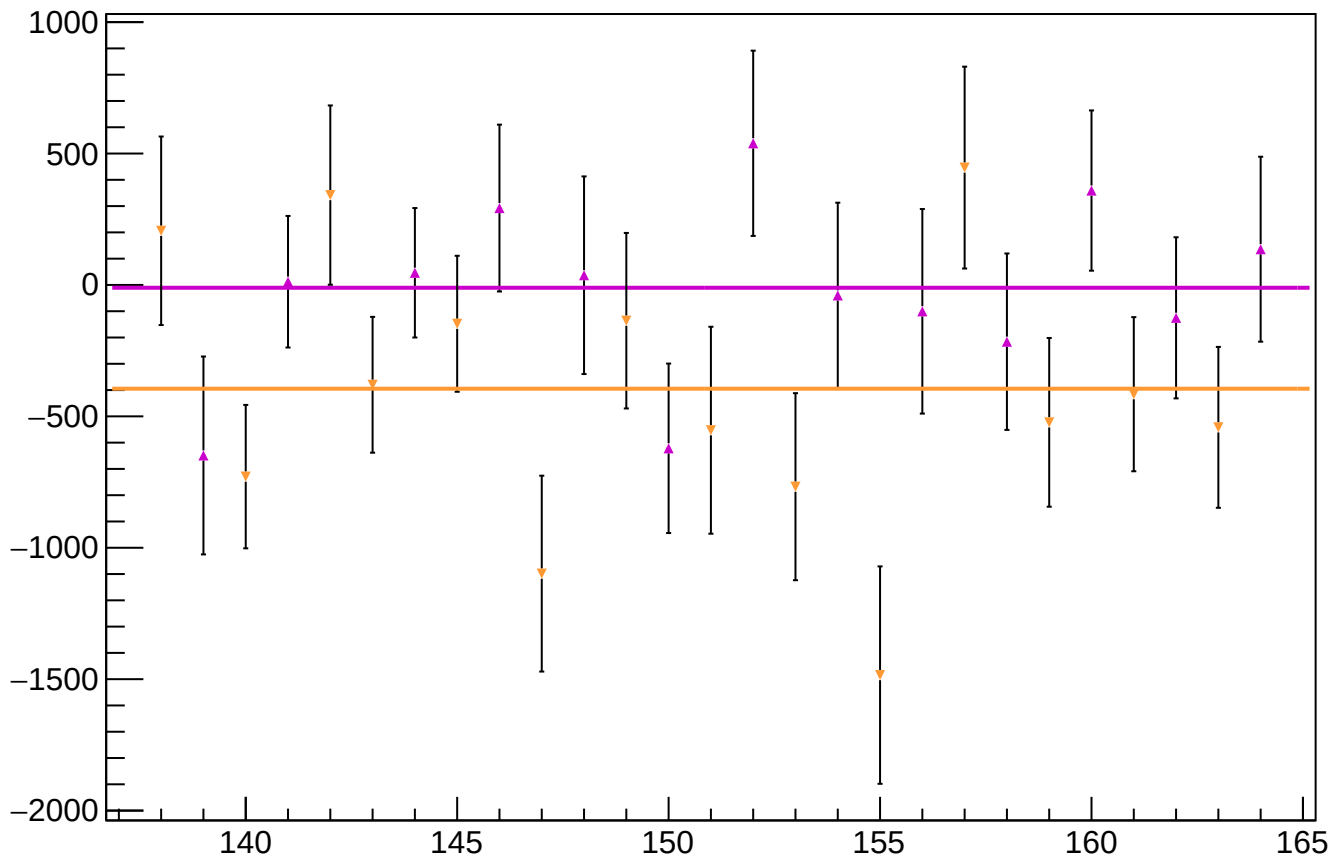
Left In: 72.184 $\pm$ 0.016 χ^2 /NDF: 136057.4/12

+ sign 73.839 $\pm$ 0.013 χ^2 /NDF: 840381.3/30

All: 73.800 $\pm$ 0.009 χ^2 /NDF: 1702403.7/62

- sign 73.763 $\pm$ 0.013 χ^2 /NDF: 862004.8/31

asym_sam8_correction_mean vs Slug



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

Left Out: -394.837 $\pm$ 86.108 χ^2 /NDF:27.5/13

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

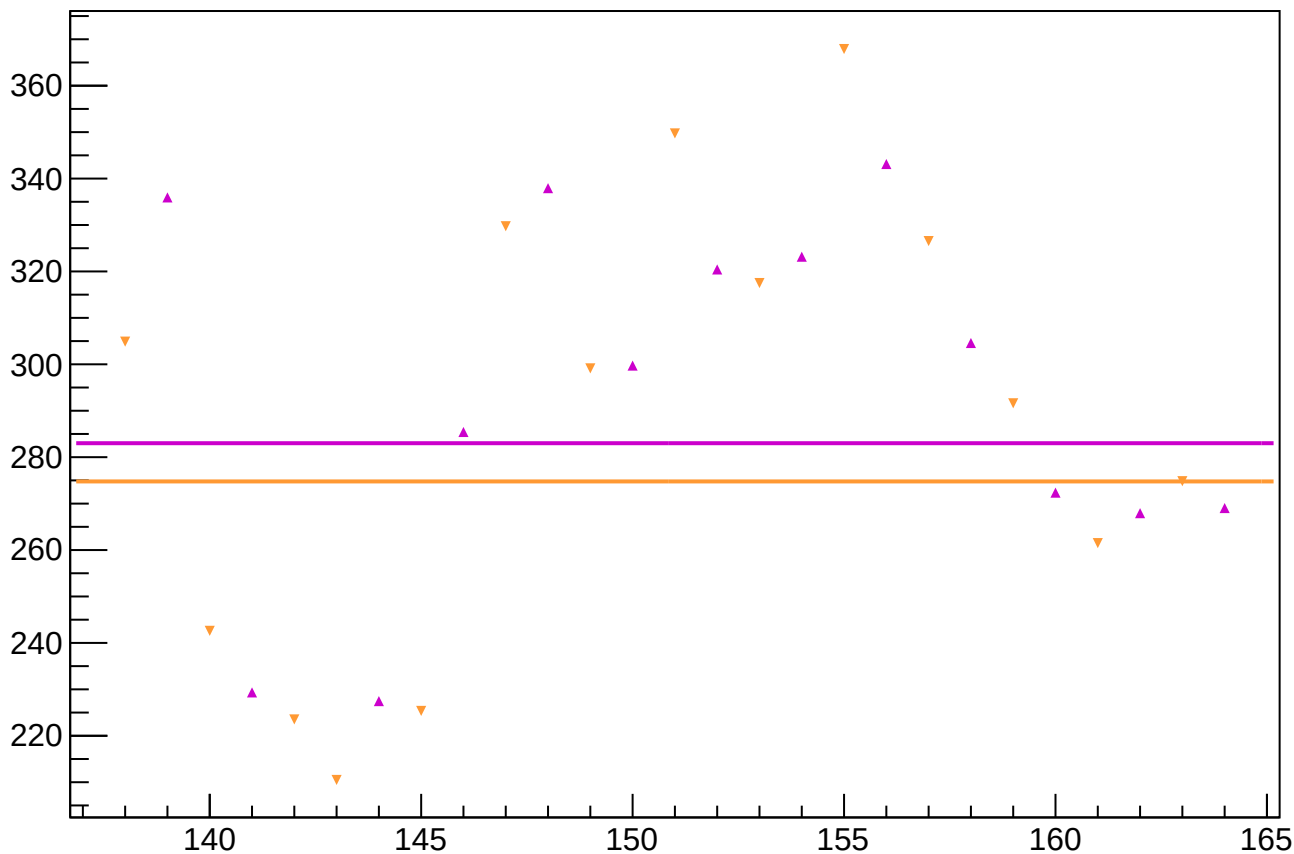
Left In: -10.702 $\pm$ 88.678 χ^2 /NDF:12.1/12

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

All: -208.417 $\pm$ 61.776 χ^2 /NDF: 49.2/26

- 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: 274.777+/-0.061 χ^2/NDF : 586622.2/13

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

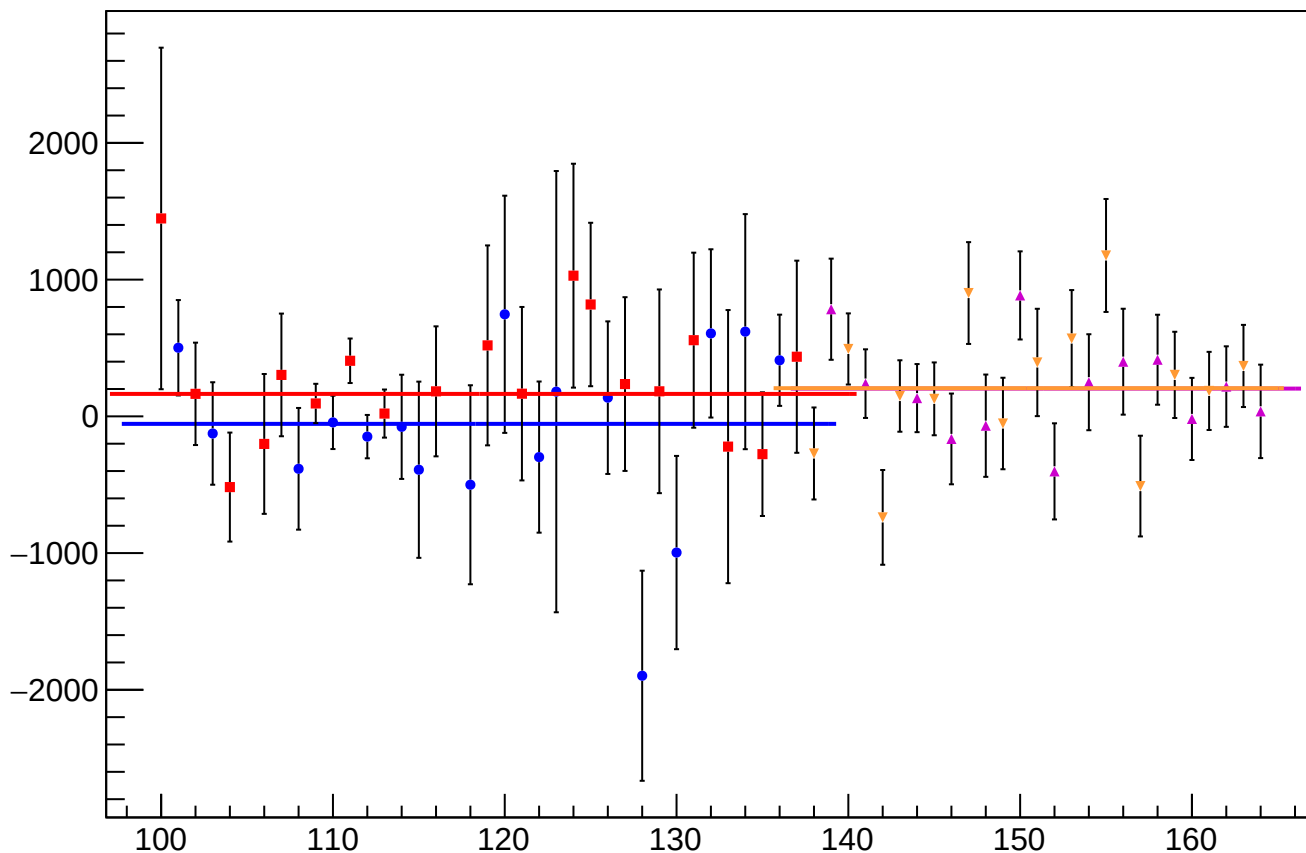
Left In: 283.009+/-0.063 χ^2/NDF : 396225.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.772+/-0.044 χ^2/NDF : 991720.4/26

- 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: 205.877 ± 85.161 χ^2/NDF : 25.9/13

Right Out: 164.141 ± 76.903 χ^2/NDF : 11.9/18

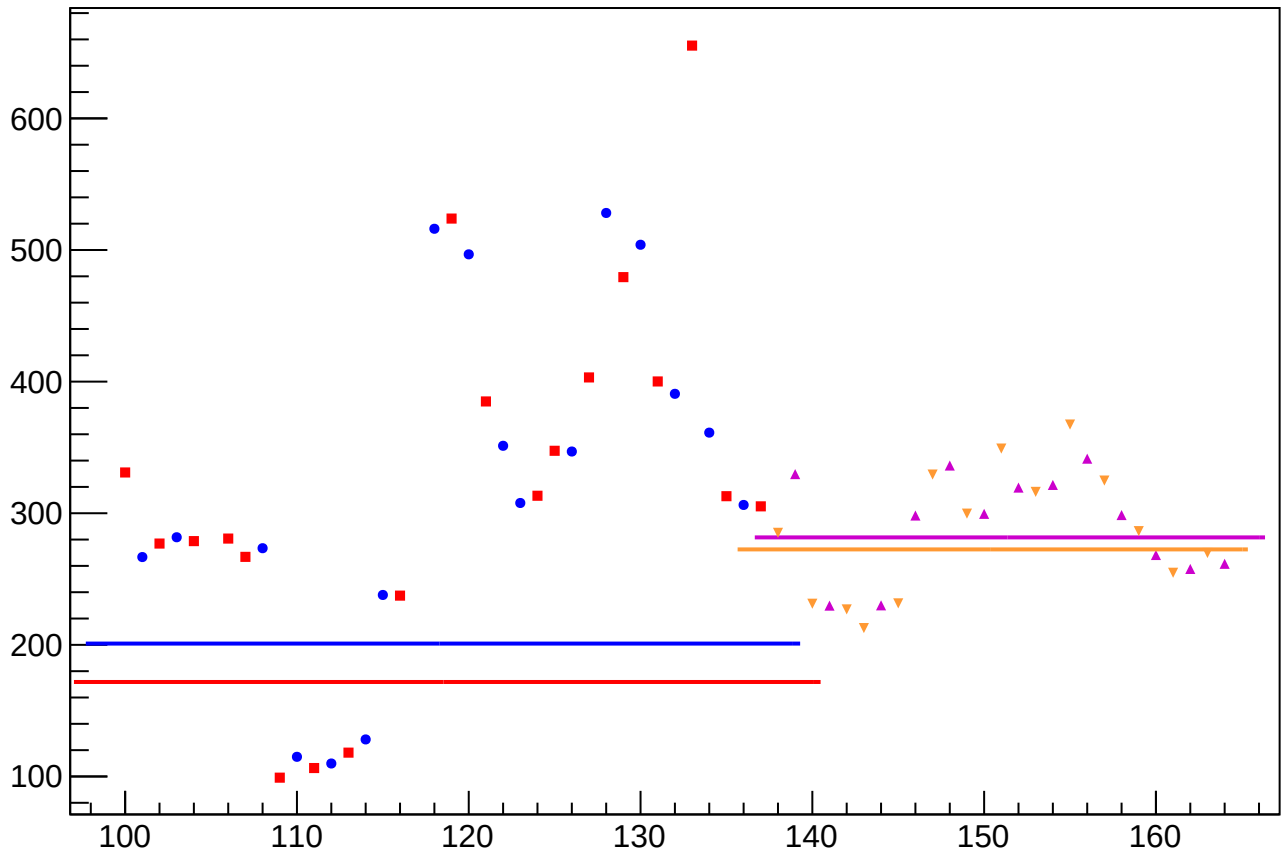
Left In: 202.998 ± 88.236 χ^2/NDF : 13.2/12

+ sign 83.183 ± 61.973 χ^2/NDF : 46.8/30

All: 135.304 ± 42.337 χ^2/NDF : 73.4/62

- sign 180.915 ± 57.974 χ^2/NDF : 25.2/31

asym_sam8_rms vs Slug



Right In: 200.971 $\pm$ 0.064 χ^2 /NDF: 3436154.0/16

Left Out: 272.522 $\pm$ 0.060 χ^2 /NDF:563814.9/13

Right Out: 171.794 $\pm$ 0.054 χ^2 /NDF: 4092634.7/18

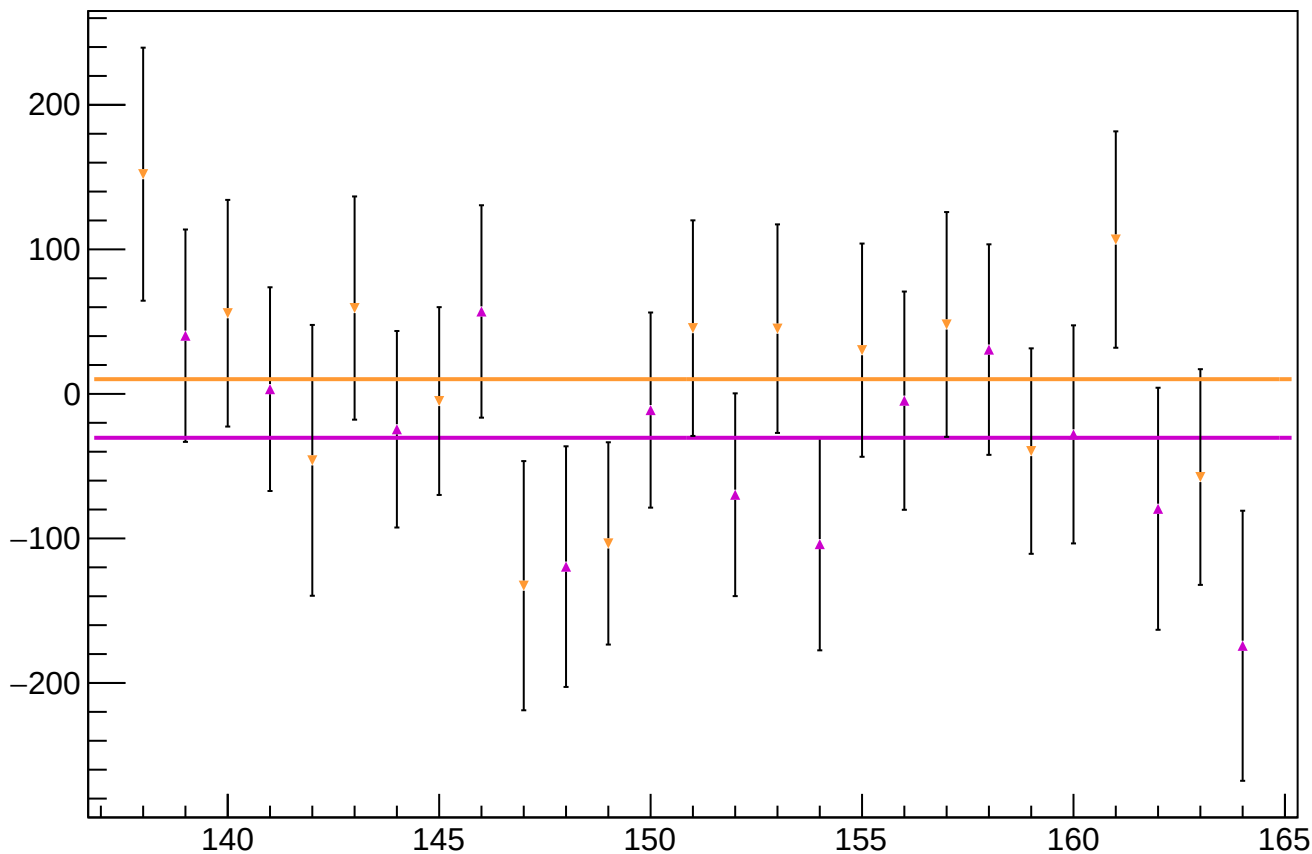
Left In: 281.643 $\pm$ 0.062 χ^2 /NDF:384929.8/12

+ sign 238.862 $\pm$ 0.044 χ^2 /NDF: 4664133.3/30

All: 228.384 $\pm$ 0.030 χ^2 /NDF: 11010513.1/62

- sign 219.215 $\pm$ 0.041 χ^2 /NDF: 6239187.3/31

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 10.195+/-20.298 χ^2/NDF :12.9/13

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

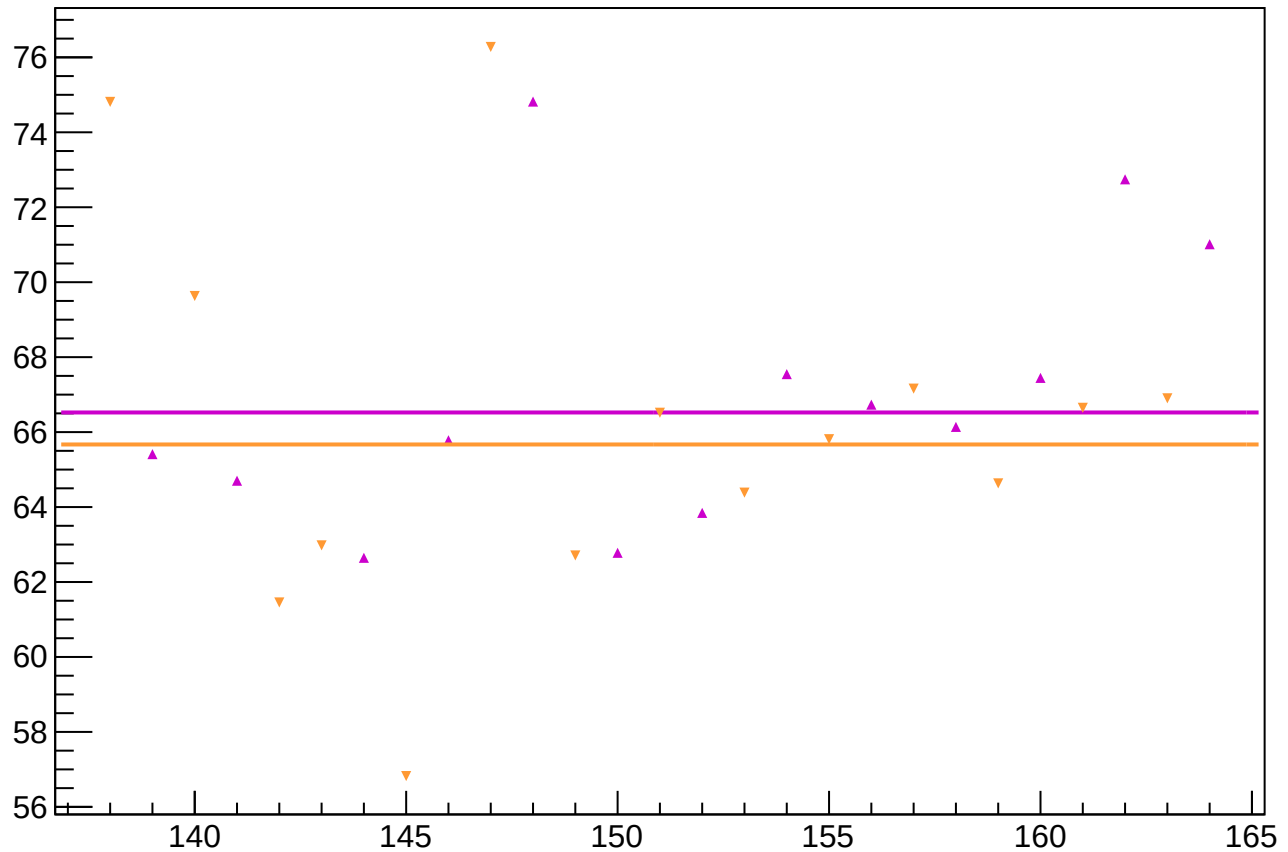
Left In: -30.365+/-20.687 χ^2/NDF :8.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.700+/-14.488 χ^2/NDF : 23.5/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.670+/-0.014 χ^2/NDF : 107292.5/13

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

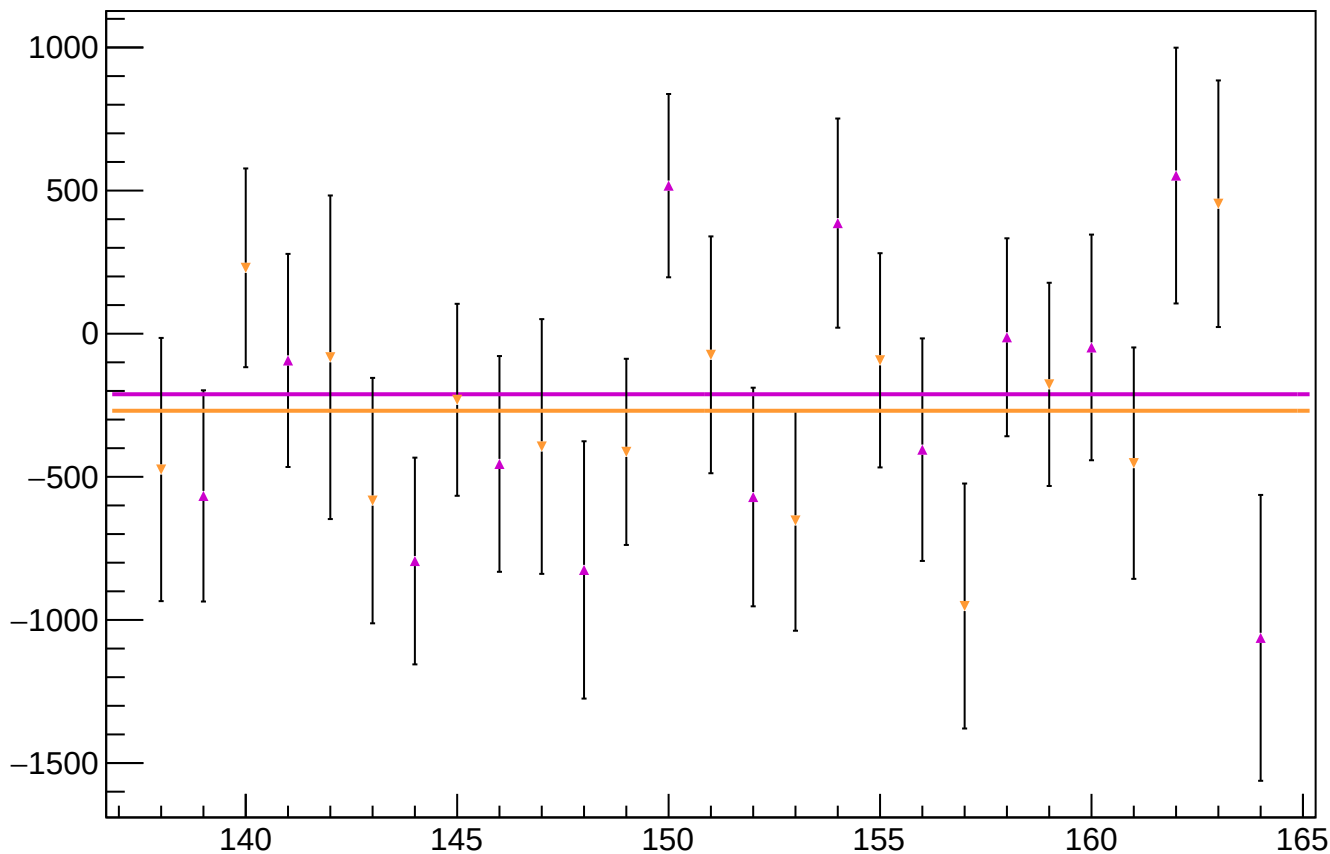
Left In: 66.524+/-0.015 χ^2/NDF : 53846.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.089+/-0.010 χ^2/NDF : 162874.3/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -269.198+/-105.629 χ^2/NDF :10.3/13

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

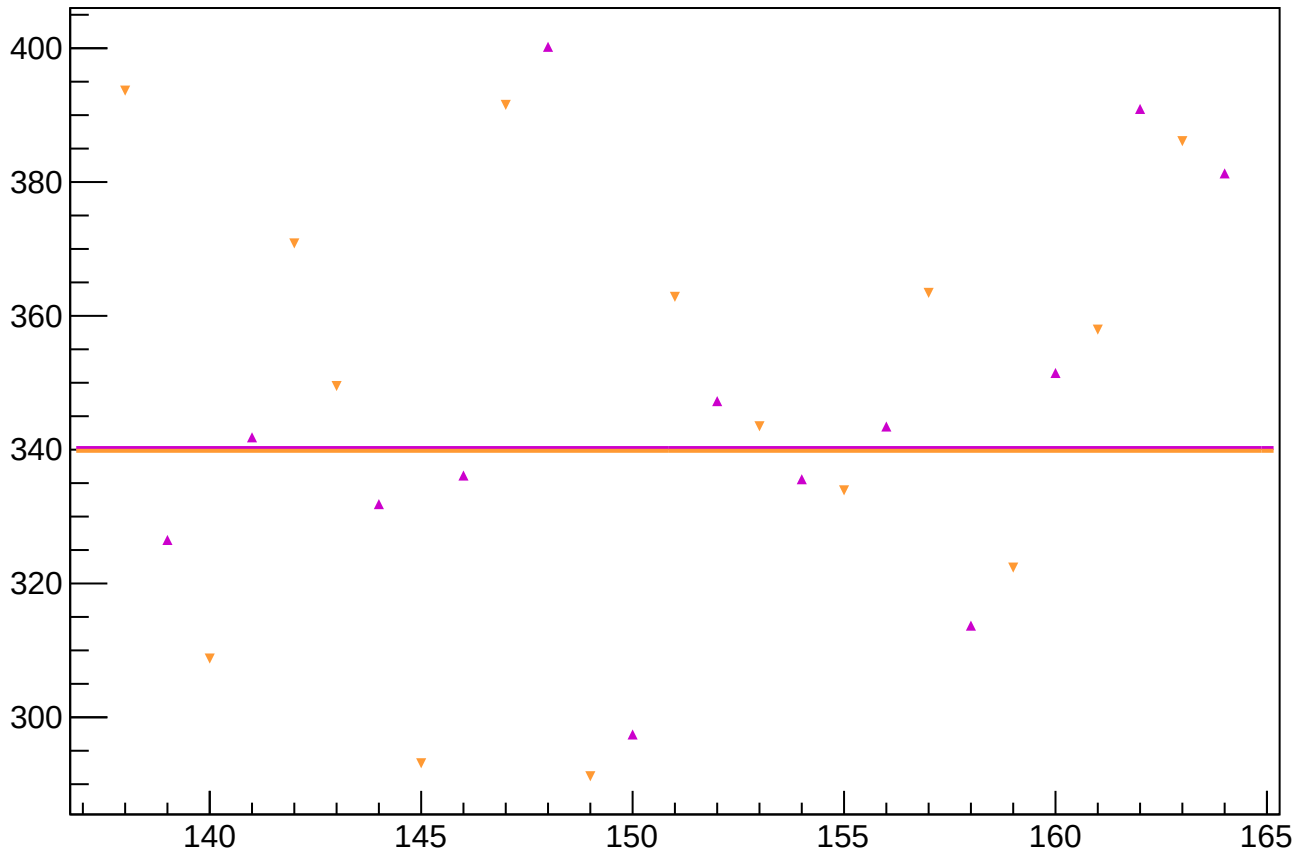
Left In: -211.519+/-106.147 χ^2/NDF :21.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.499+/-74.873 χ^2/NDF : 31.7/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_rms vs Slug



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

Left Out: 339.831+/-0.075 χ^2/NDF : 205868.4/13

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

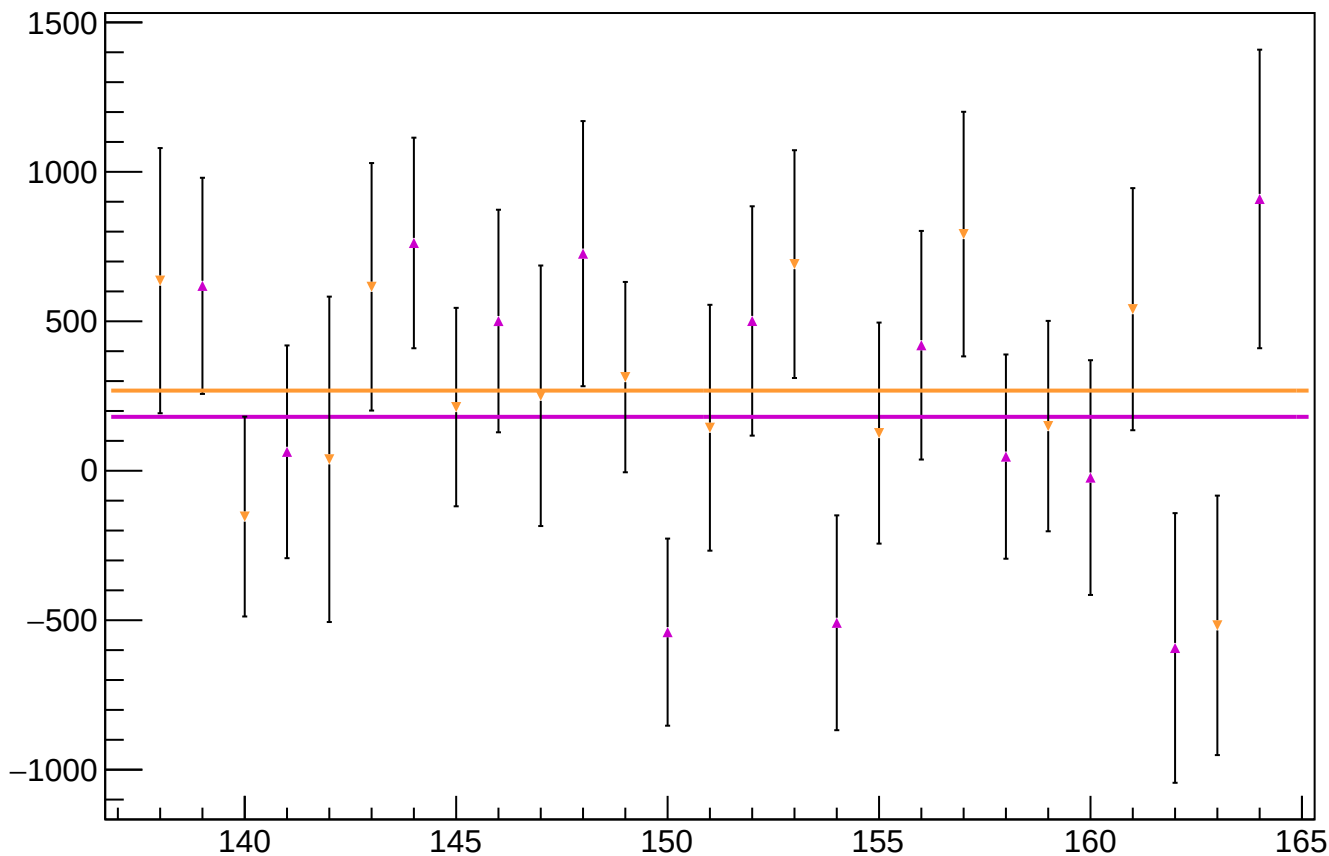
Left In: 340.243+/-0.075 χ^2/NDF : 129274.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.036+/-0.053 χ^2/NDF : 335157.9/26

- 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: 268.203+/-103.684 χ^2/NDF :10.2/13

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

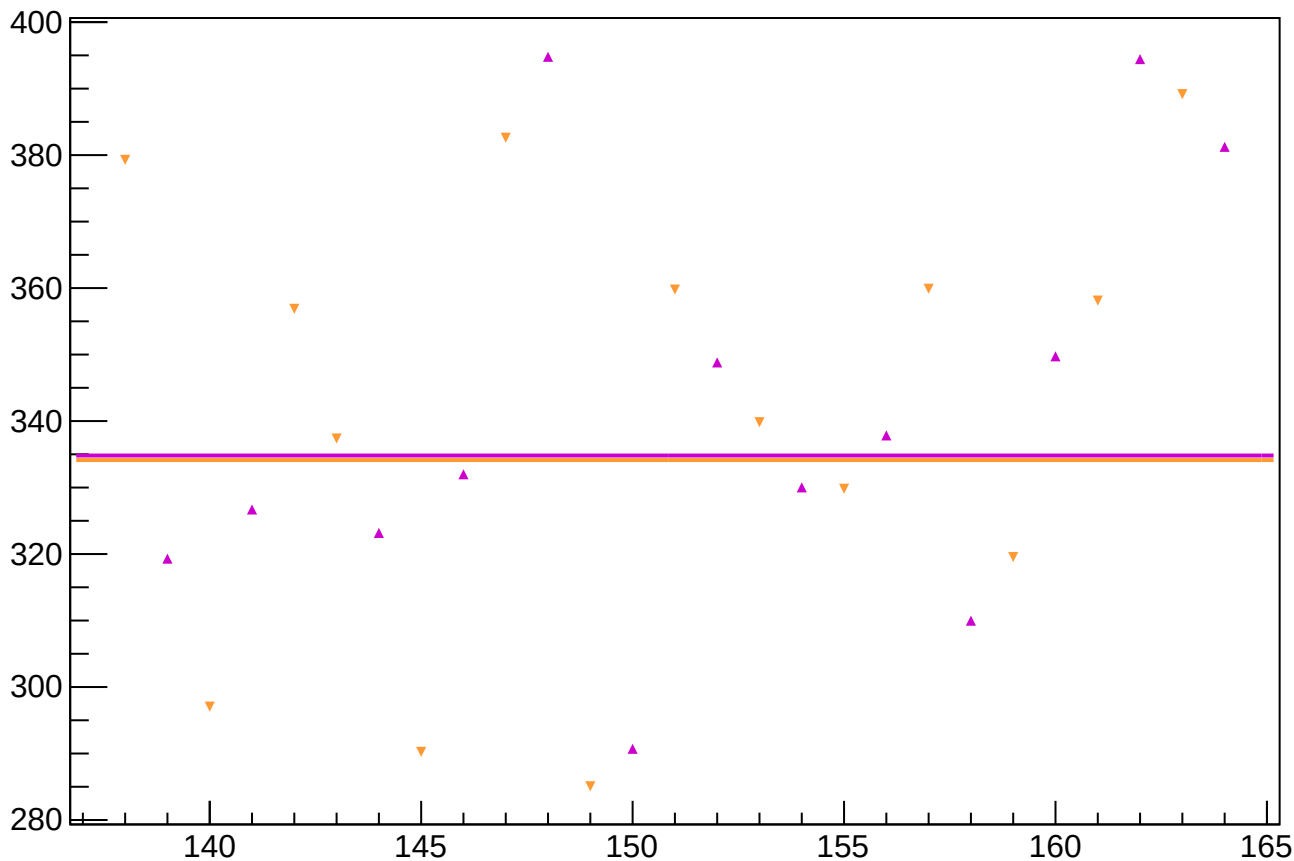
Left In: 180.404+/-104.559 χ^2/NDF :22.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.672+/-73.623 χ^2/NDF : 32.6/26

- 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: 334.135+/-0.073 χ^2/NDF :215197.7/13

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

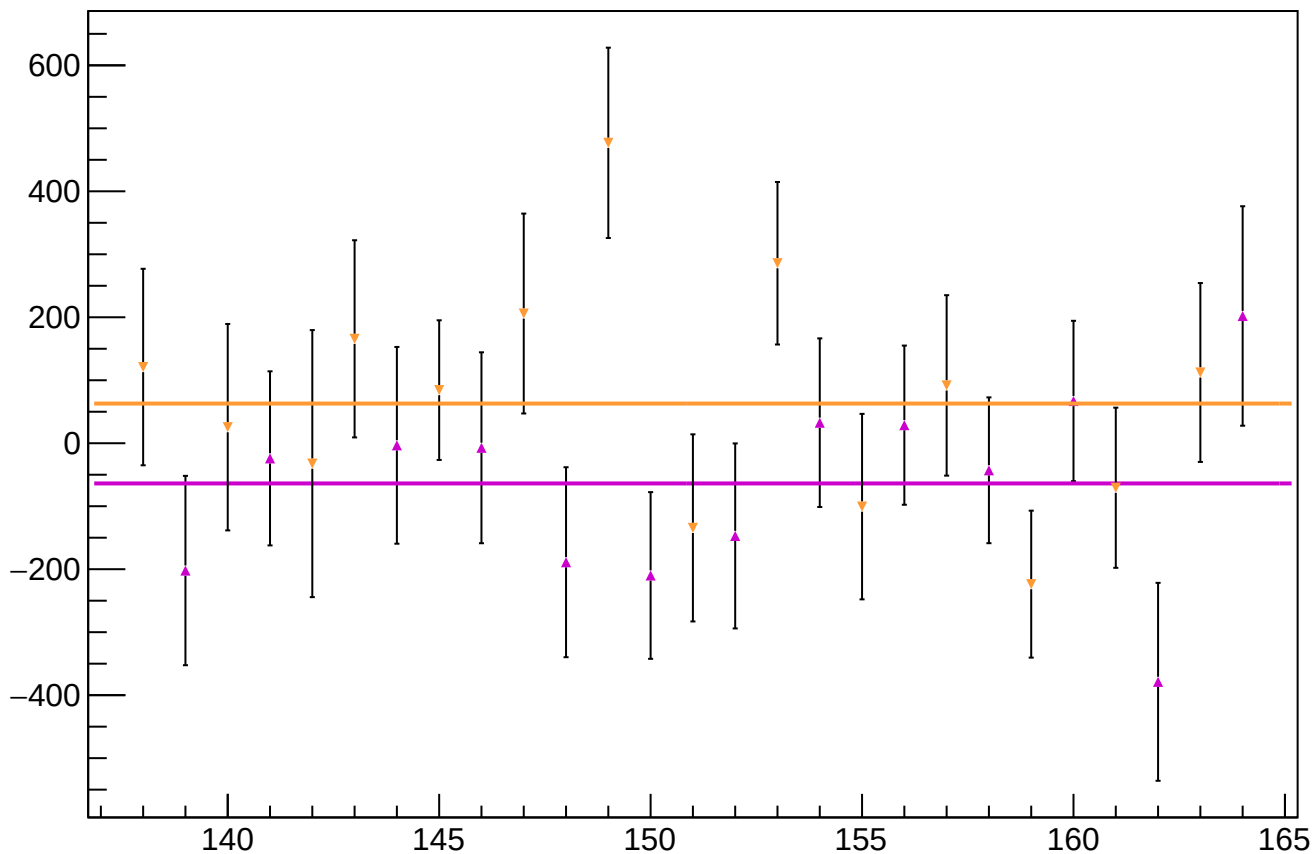
Left In: 334.816+/-0.074 χ^2/NDF :152143.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.473+/-0.052 χ^2/NDF : 367383.6/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



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

Left Out: 63.003+/-38.031 χ^2/NDF : 22.5/13

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

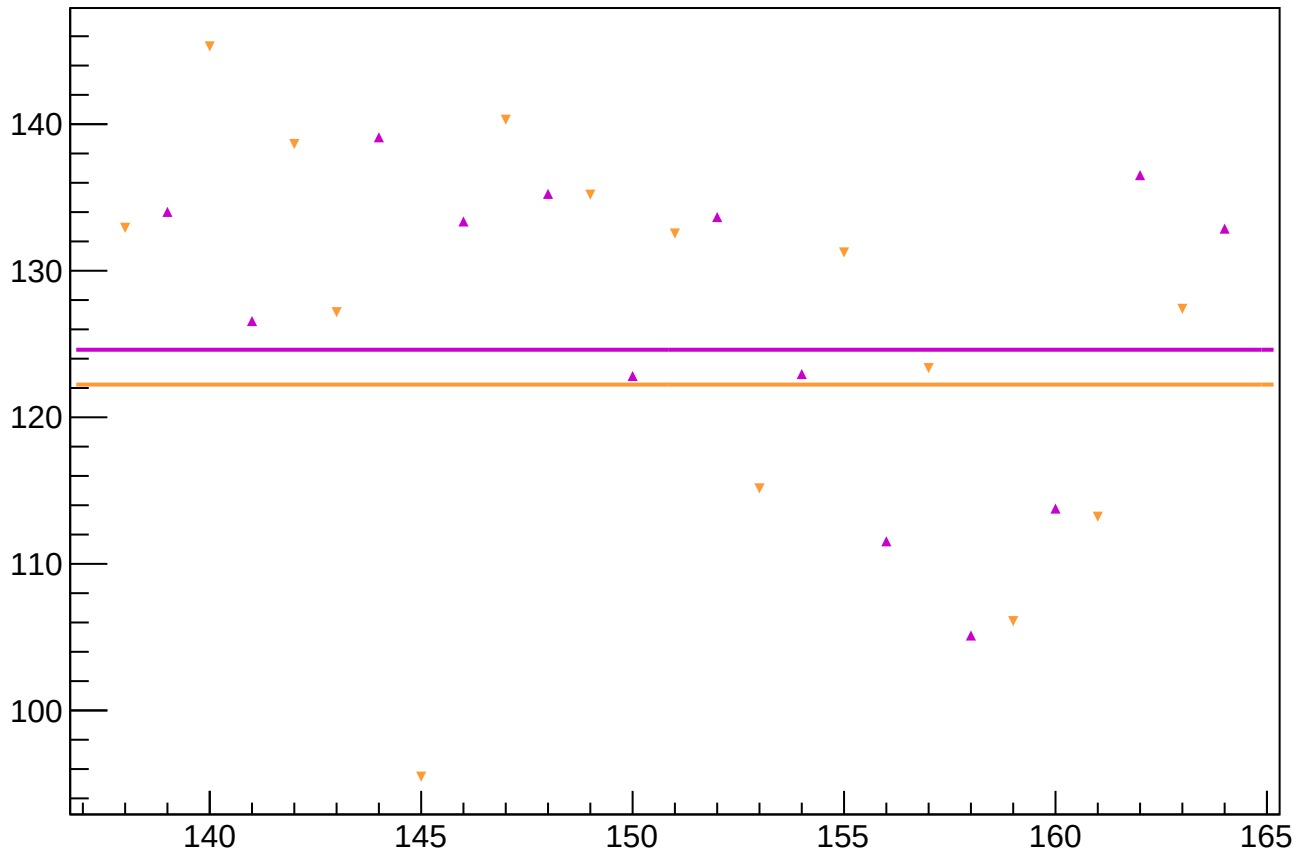
Left In: -63.822+/-39.025 χ^2/NDF : 11.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.226+/-27.236 χ^2/NDF : 39.8/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 122.232+/-0.027 χ^2/NDF : 294351.4/13

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

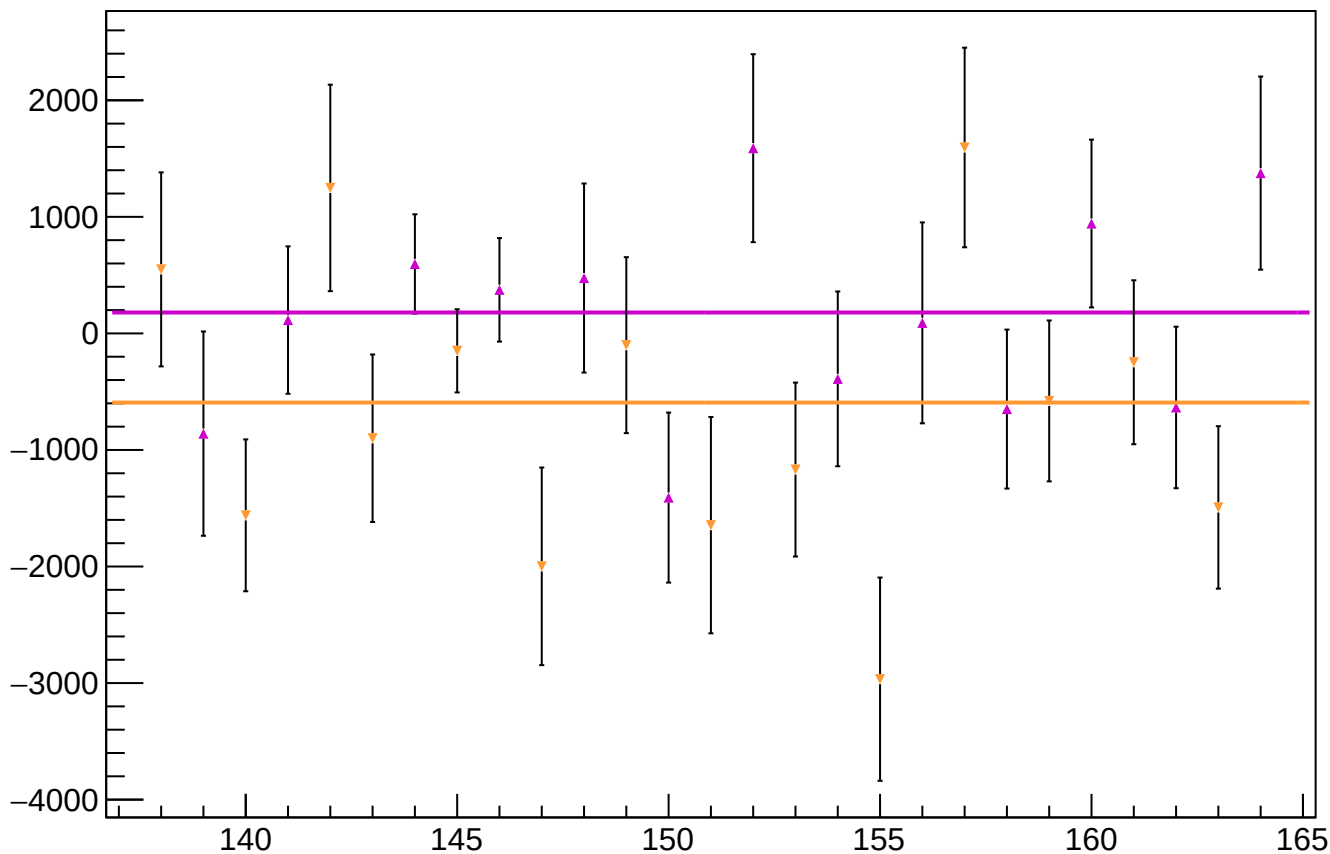
Left In: 124.610+/-0.028 χ^2/NDF : 158936.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.390+/-0.019 χ^2/NDF : 457097.4/26

- 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: -593.275+/-183.125 χ^2/NDF :31.0/13

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

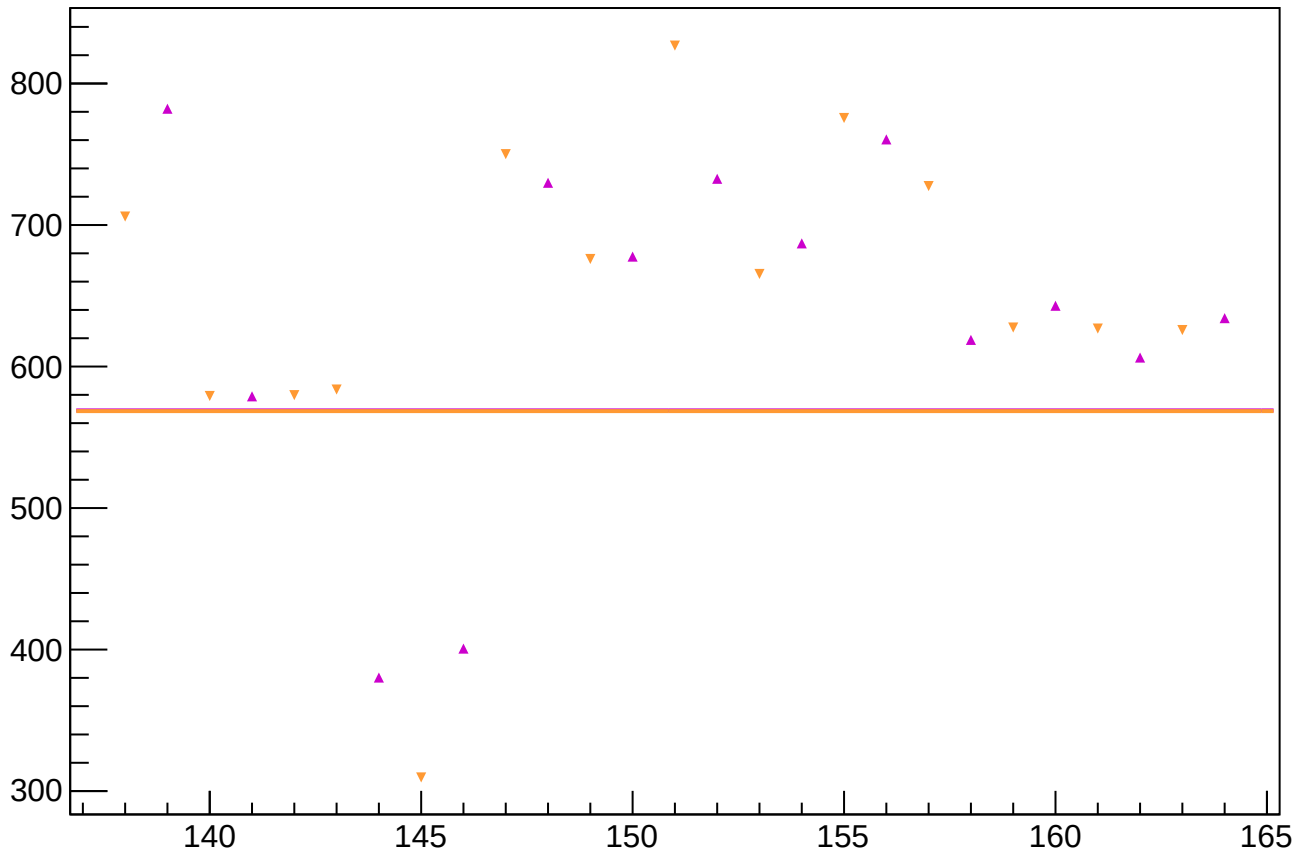
Left In: 179.443+/-182.382 χ^2/NDF :17.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.346+/-129.225 χ^2/NDF : 57.1/26

- 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: 568.510+/-0.129 χ^2/NDF :1652870.3/13

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

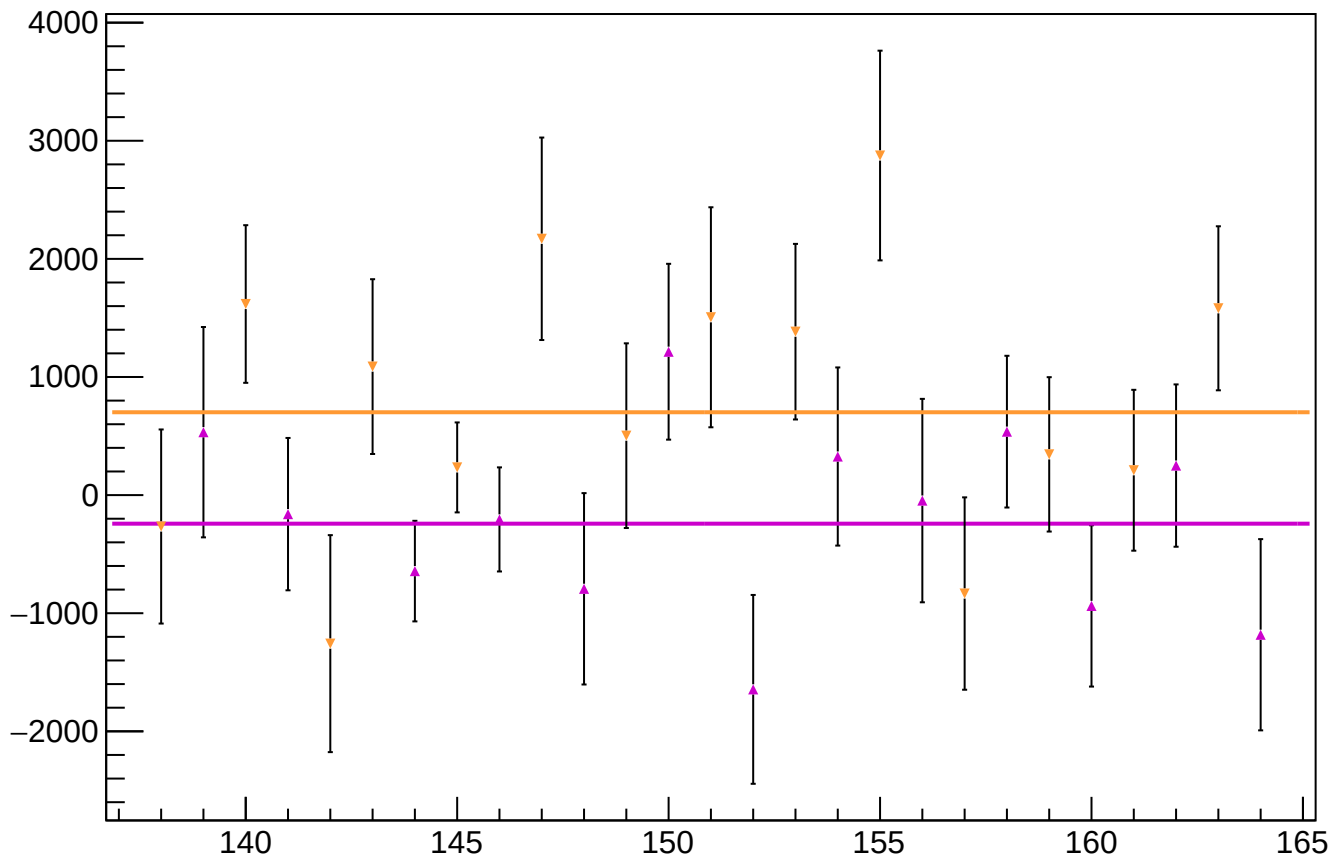
Left In: 569.009+/-0.129 χ^2/NDF :1202491.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.761+/-0.091 χ^2/NDF : 2855369.4/26

- 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: 701.428+/-185.879 χ^2/NDF : 26.2/13

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

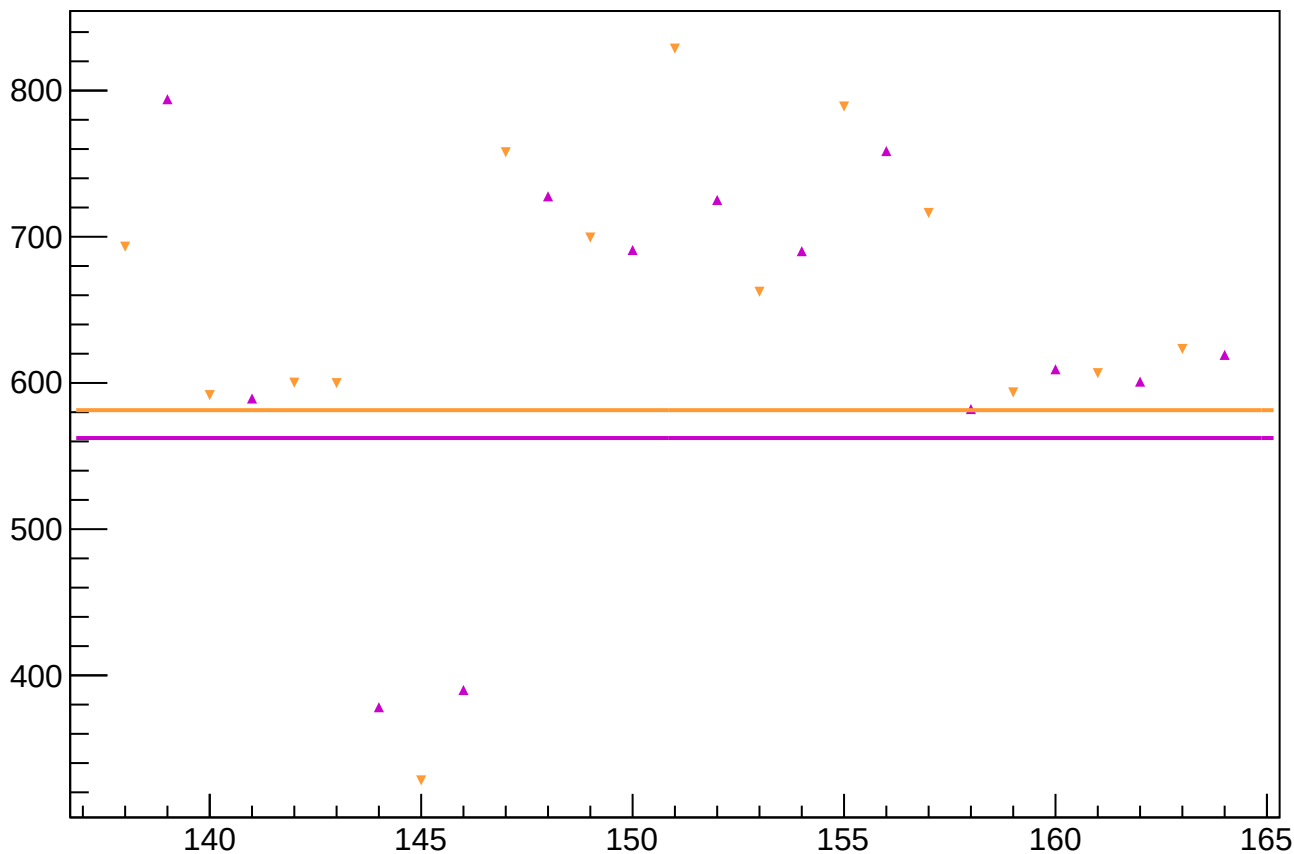
Left In: -241.946+/-180.946 χ^2/NDF : 14.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.057+/-129.657 χ^2/NDF : 53.4/26

- 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: 581.394+/-0.131 χ^2/NDF :1394215.4/13

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

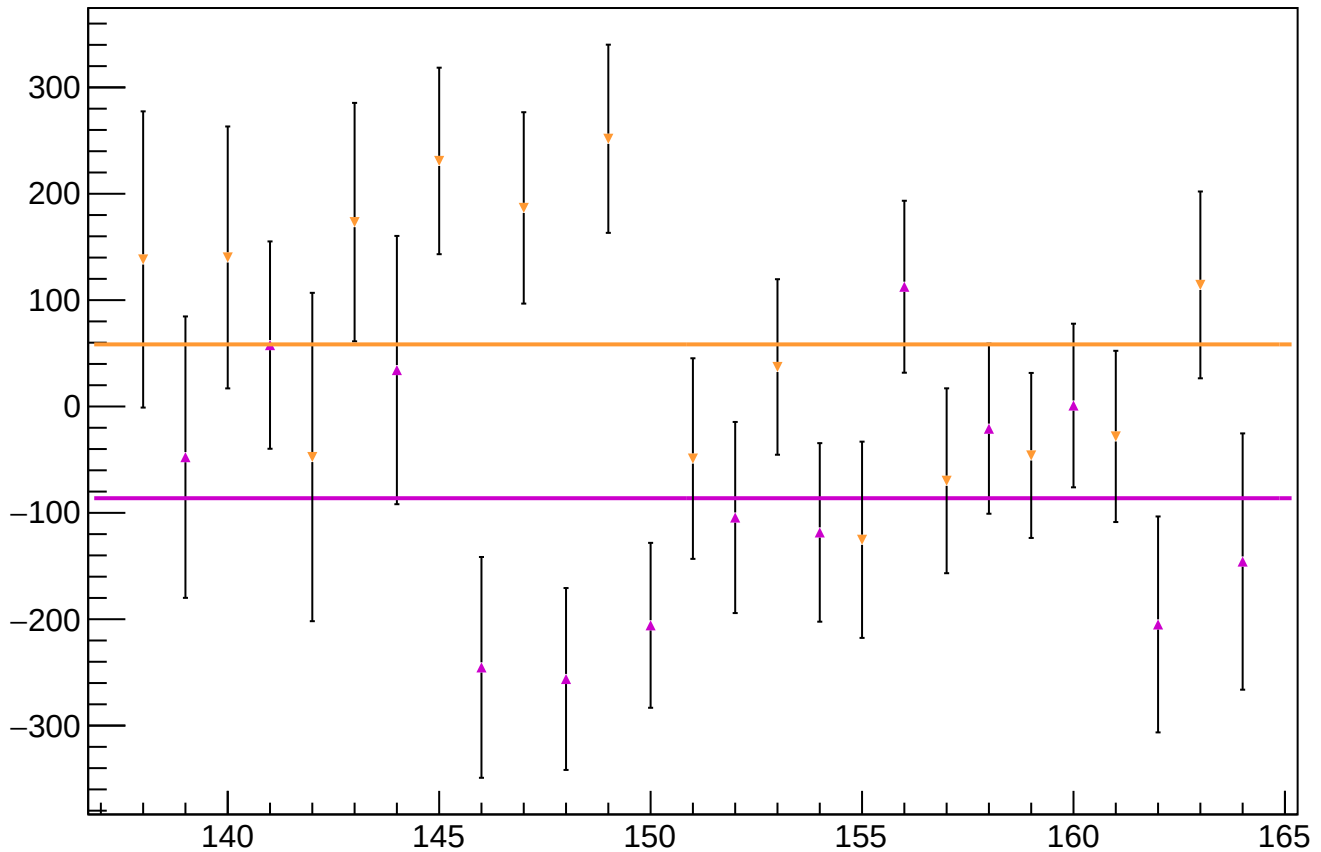
Left In: 562.329+/-0.128 χ^2/NDF :1233869.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.605+/-0.092 χ^2/NDF : 2638888.4/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug



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

Left Out: 58.392 $\pm$ 25.159 χ^2 /NDF:23.8/13

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

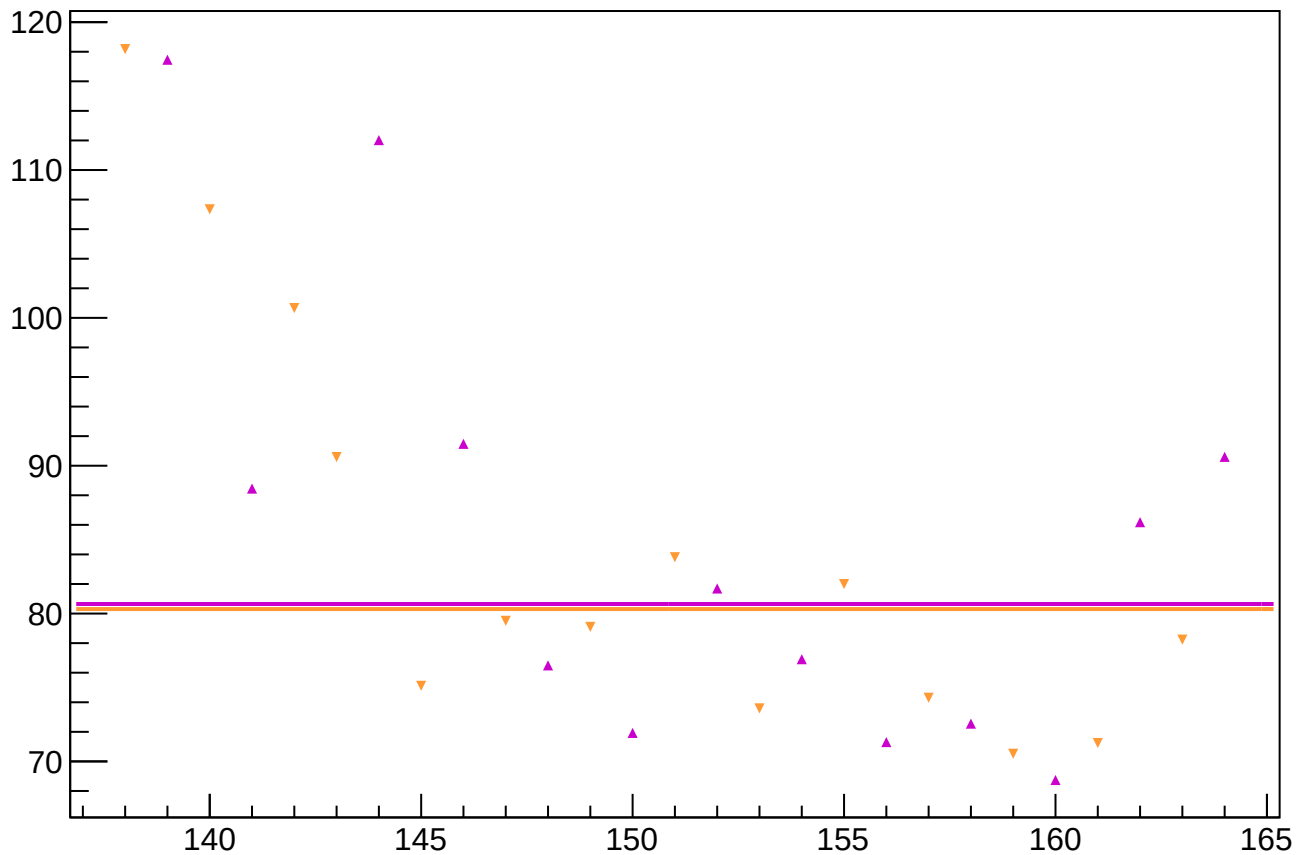
Left In: -86.231 $\pm$ 25.554 χ^2 /NDF:21.7/12

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

All: -12.793 $\pm$ 17.928 χ^2 /NDF: 61.8/26

- sign 0.000 $\pm$ 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: 80.305+/-0.018 χ^2/NDF :388036.9/13

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

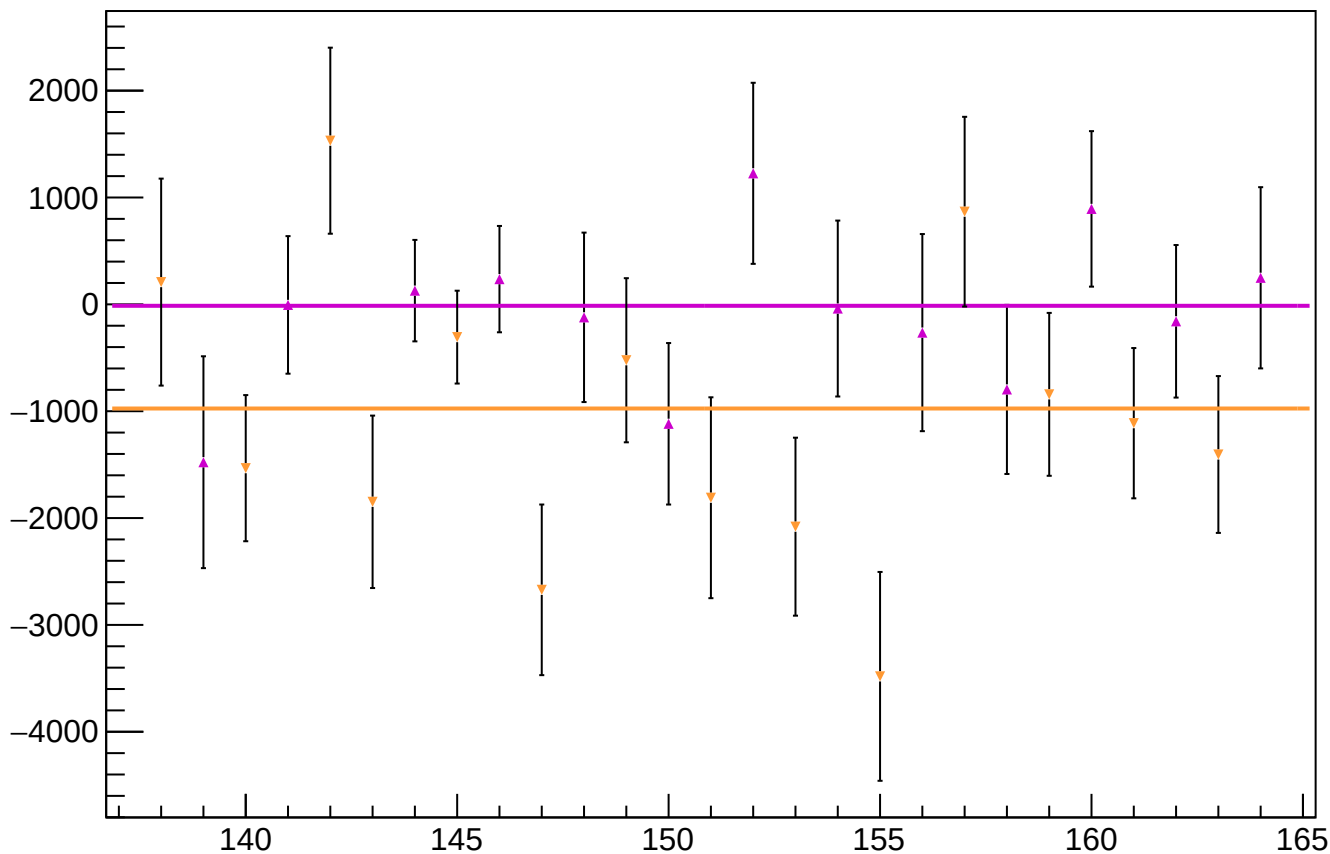
Left In: 80.648+/-0.018 χ^2/NDF :462191.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.474+/-0.013 χ^2/NDF : 850411.2/26

- 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: -974.755 $\pm$ 199.559 χ^2 /NDF:32.7/13

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

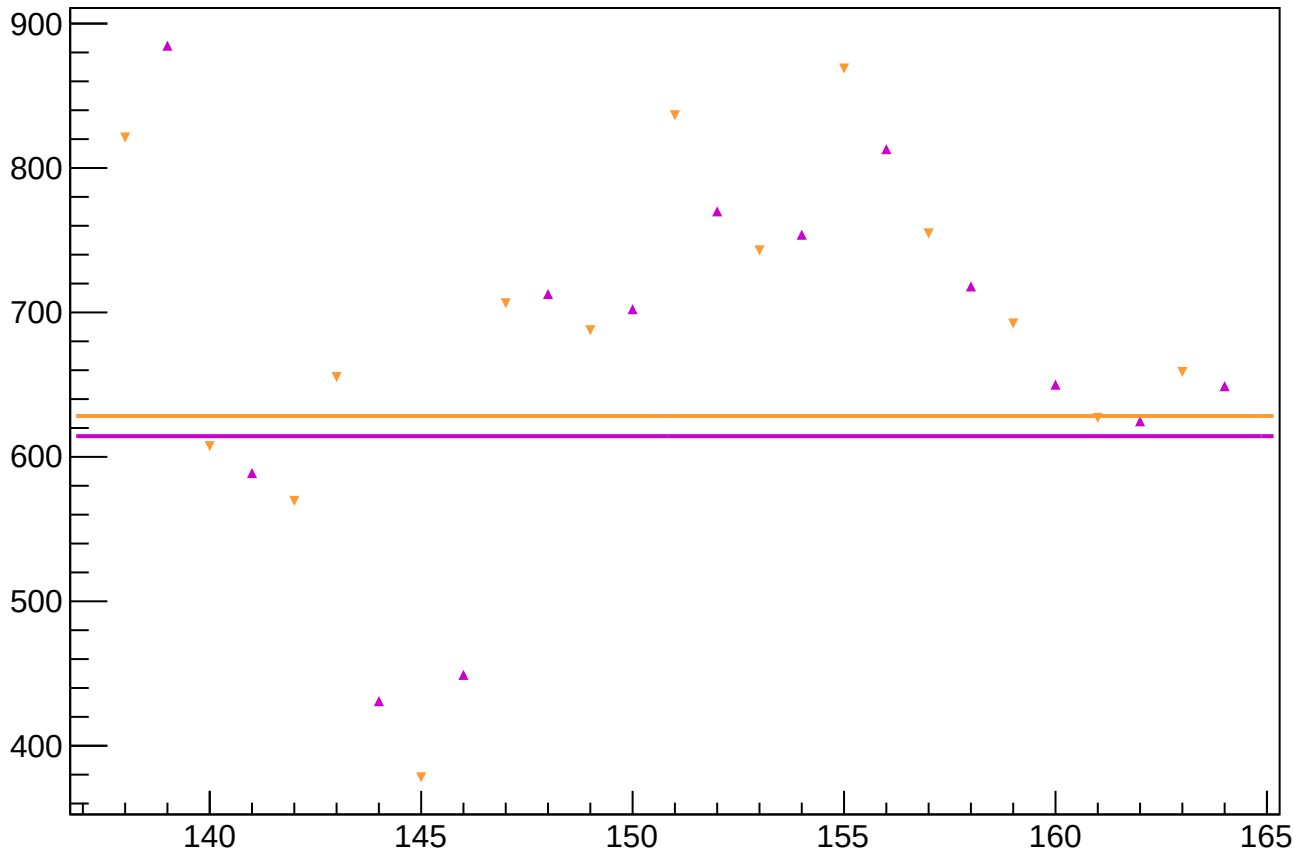
Left In: -13.560 $\pm$ 195.623 χ^2 /NDF:9.6/12

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

All: -484.587 $\pm$ 139.697 χ^2 /NDF: 54.1/26

- 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: 628.289+/-0.141 χ^2/NDF : 1102089.0/13

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

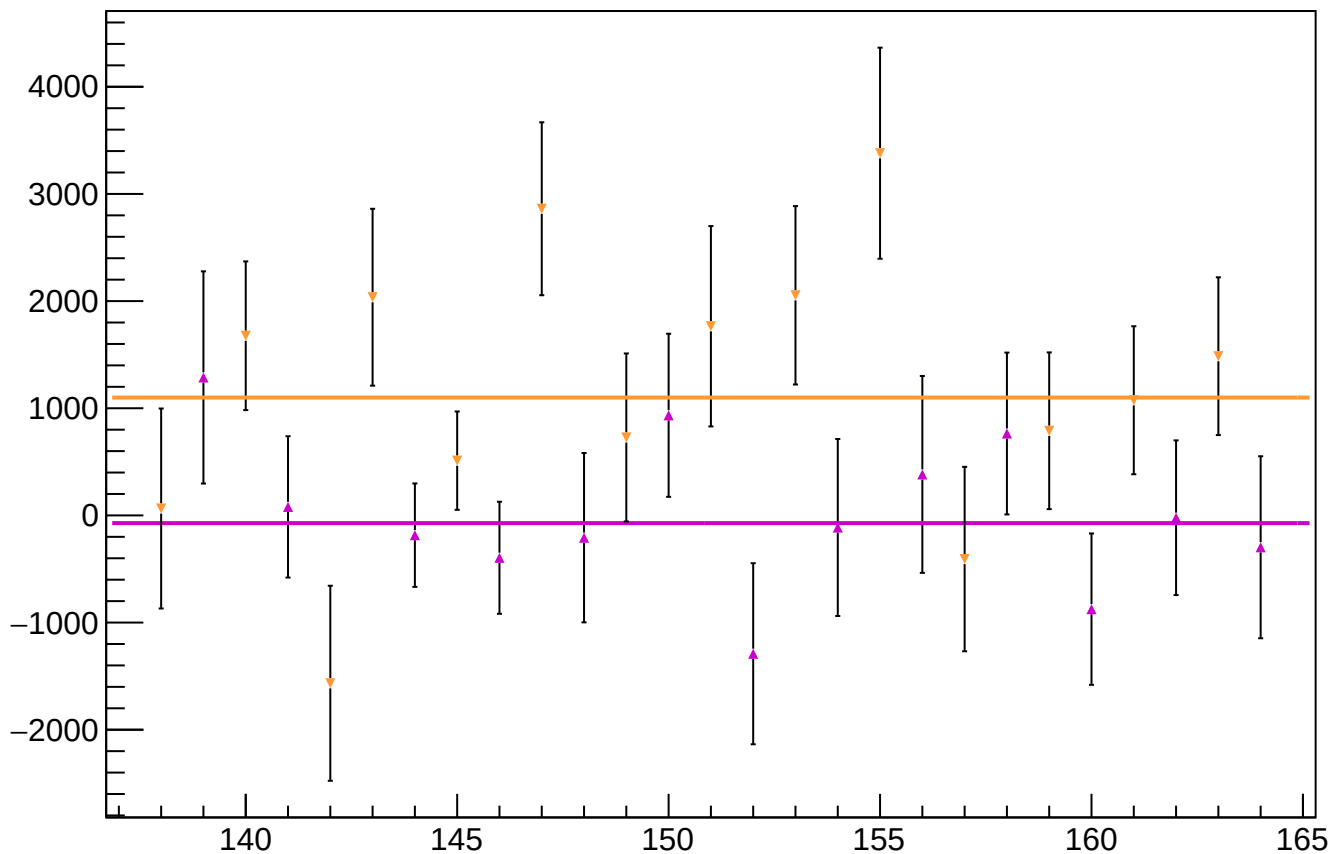
Left In: 614.343+/-0.138 χ^2/NDF : 989765.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.177+/-0.099 χ^2/NDF : 2096836.3/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_mean vs Slug



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

Left Out: 1099.833+/-201.654 χ^2/NDF : 29.1/13

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

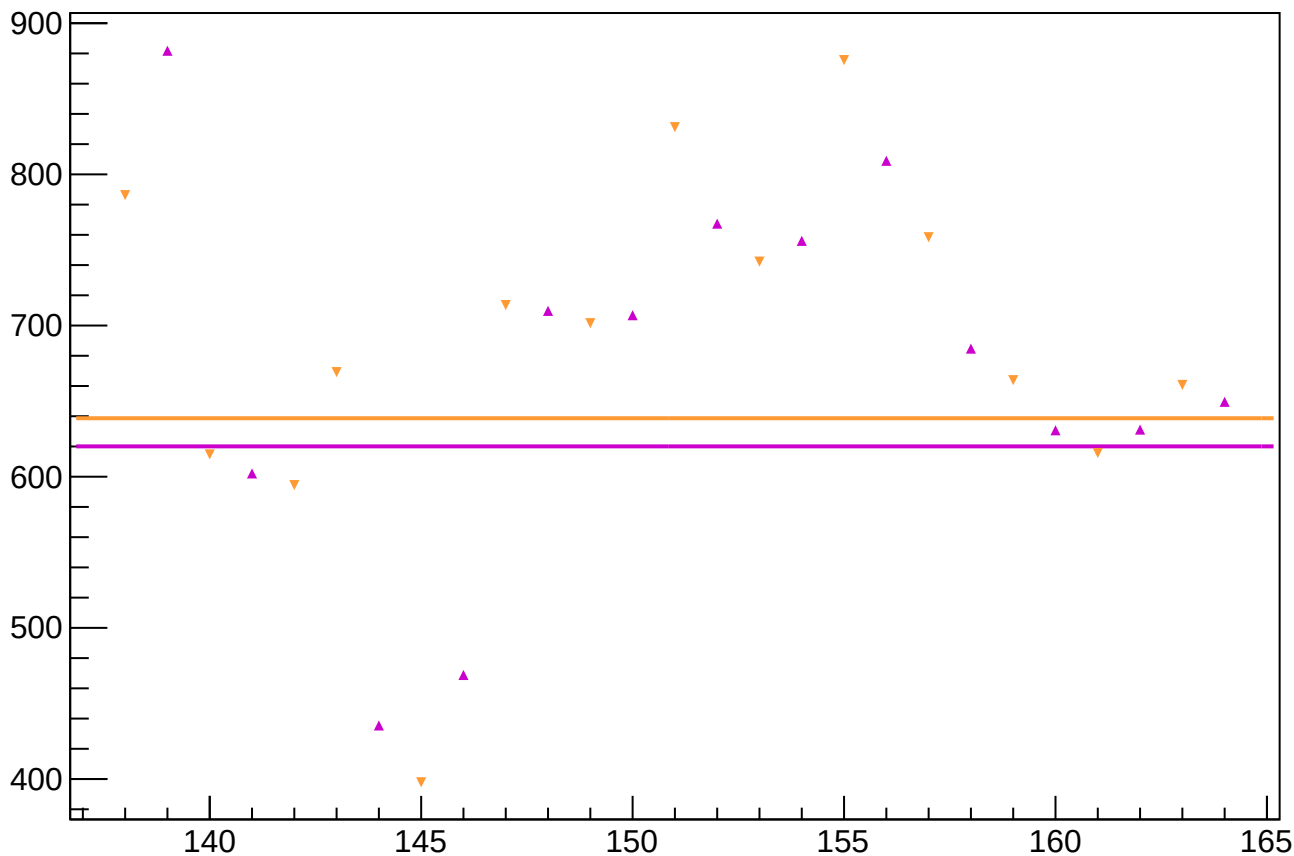
Left In: -71.919+/-197.215 χ^2/NDF : 9.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 500.918+/-140.995 χ^2/NDF : 55.5/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



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

Left Out: 638.675+/-0.143 χ^2/NDF : 917615.9/13

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

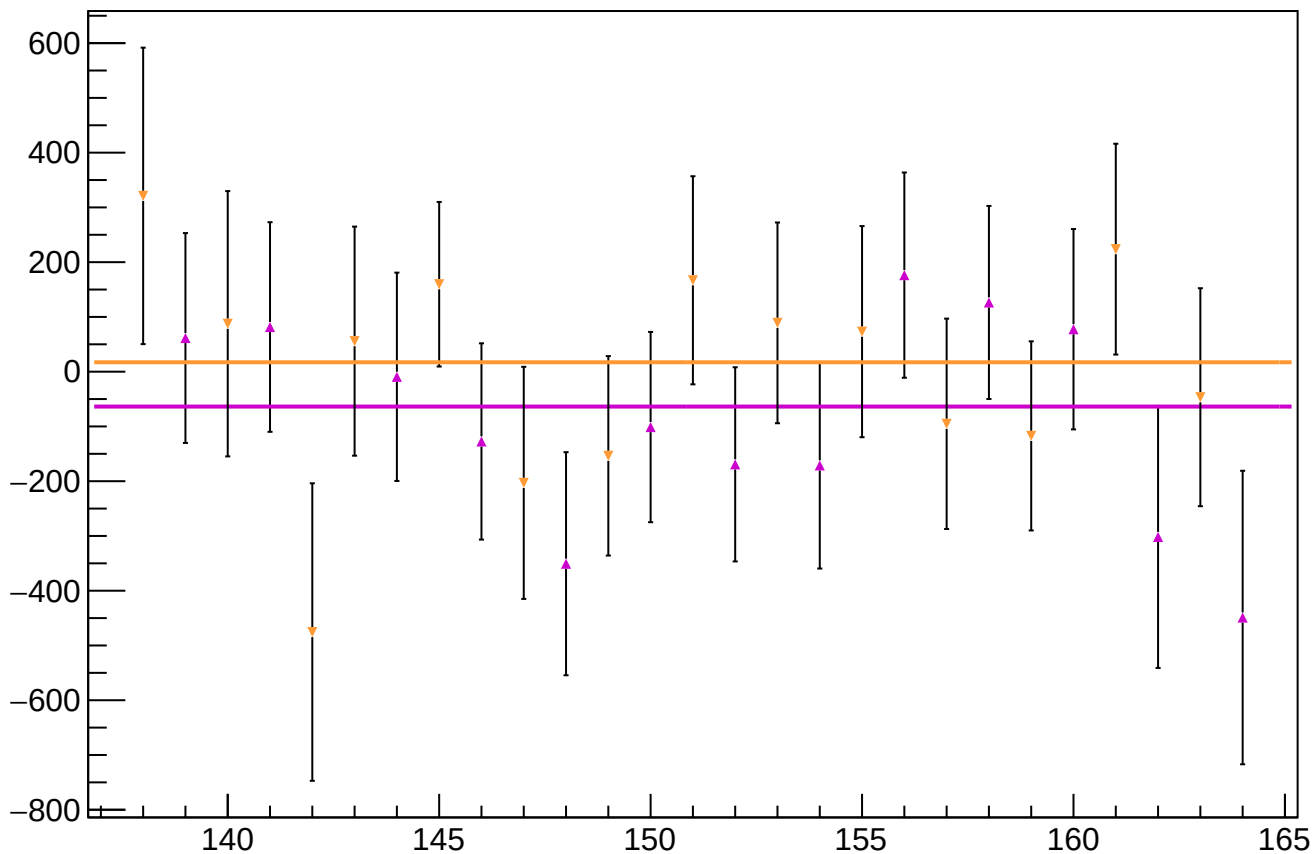
Left In: 620.070+/-0.139 χ^2/NDF : 870478.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.166+/-0.100 χ^2/NDF : 1796796.3/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 17.206+/-52.629 χ^2/NDF :10.6/13

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

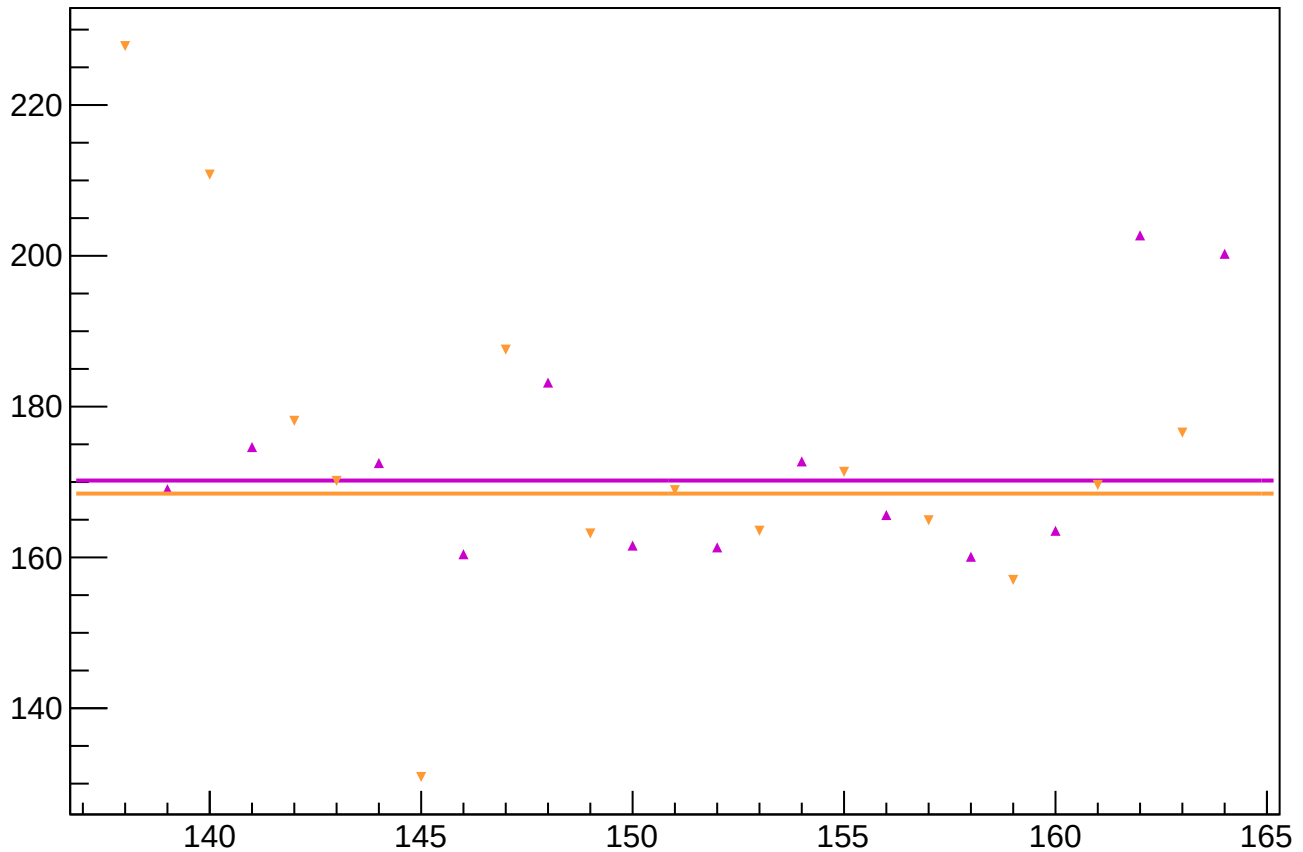
Left In: -63.699+/-53.269 χ^2/NDF :10.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.758+/-37.439 χ^2/NDF : 22.1/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 168.466+/-0.037 χ^2/NDF : 317543.5/13

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

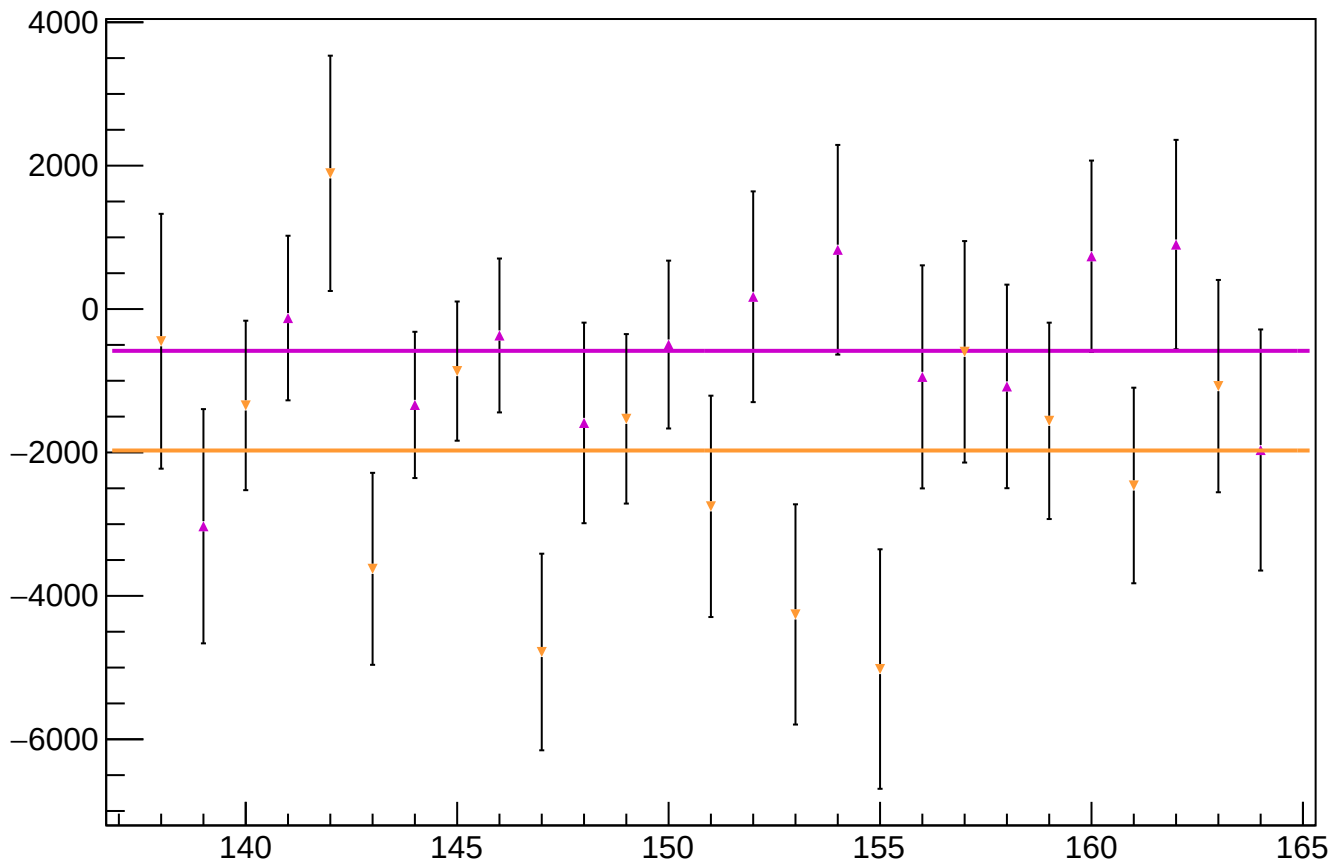
Left In: 170.197+/-0.038 χ^2/NDF : 98355.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.321+/-0.026 χ^2/NDF : 416968.1/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_mean vs Slug



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

Left Out: -1972.622+/-367.107 χ^2/NDF :20.9/13

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

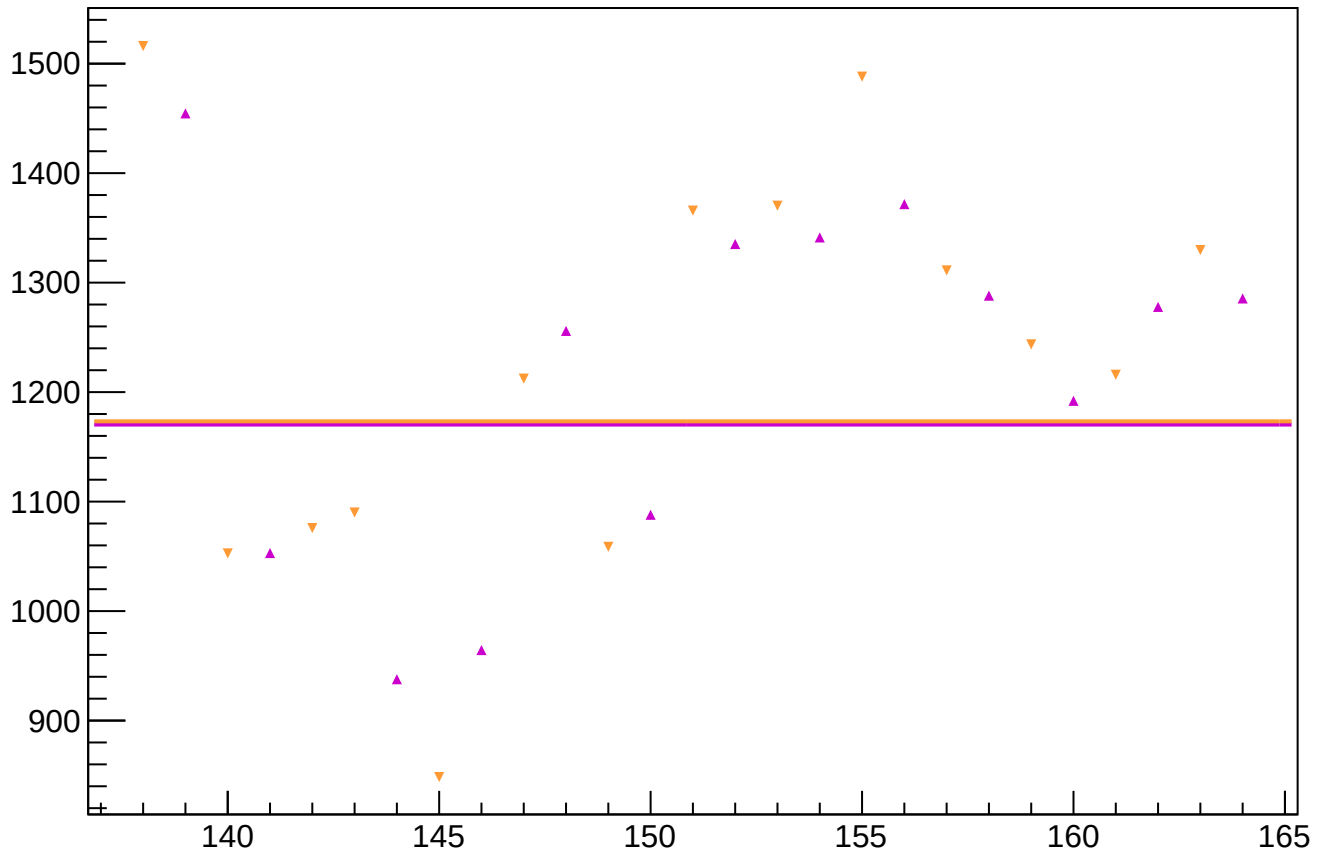
Left In: -582.698+/-366.881 χ^2/NDF :7.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1277.231+/-259.504 χ^2/NDF : 35.6/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_rms vs Slug



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

Left Out: 1173.317+/-0.260 χ^2/NDF : 535070.4/13

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

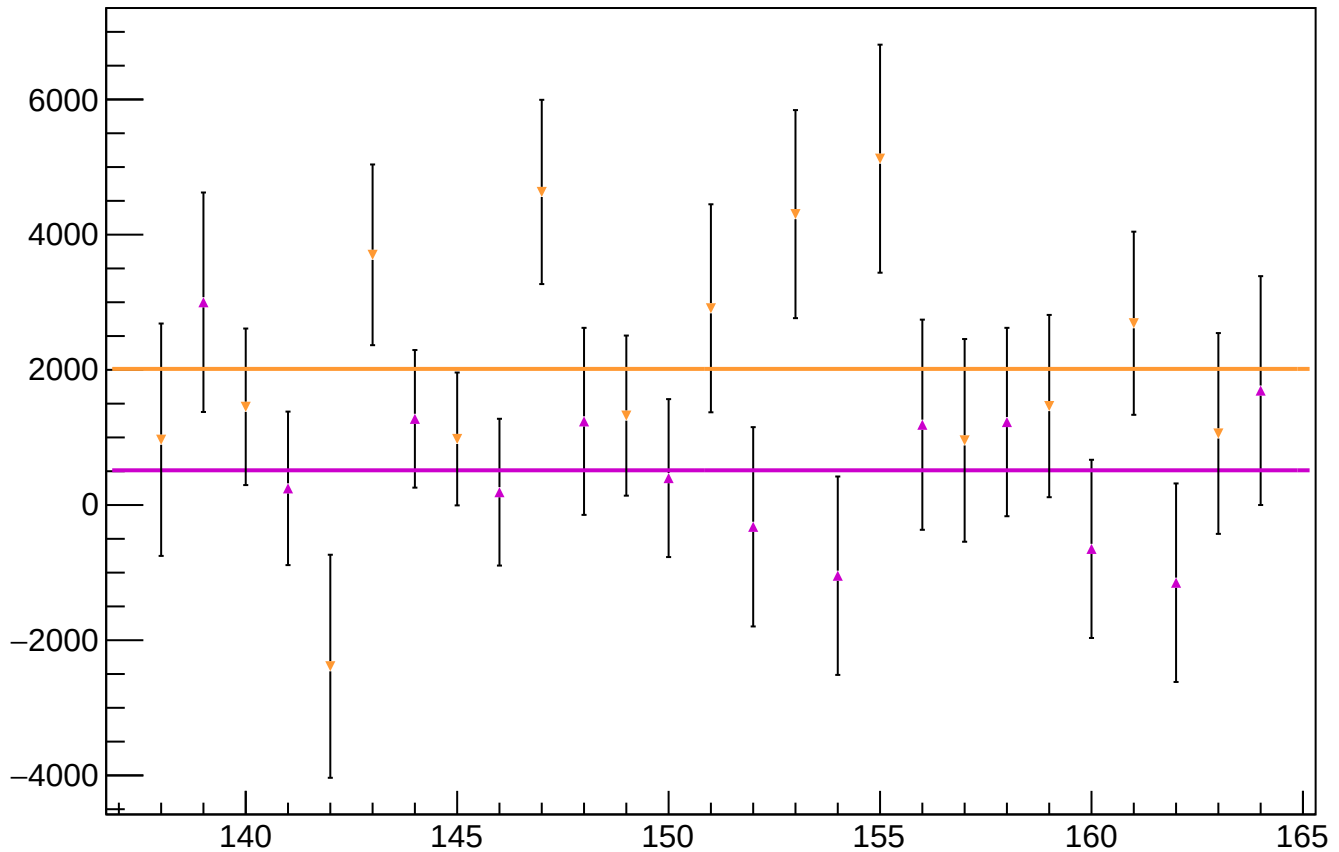
Left In: 1170.351+/-0.259 χ^2/NDF : 397063.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1171.833+/-0.183 χ^2/NDF : 932199.1/26

- 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: 2013.923+/-365.475 χ^2/NDF : 21.7/13

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

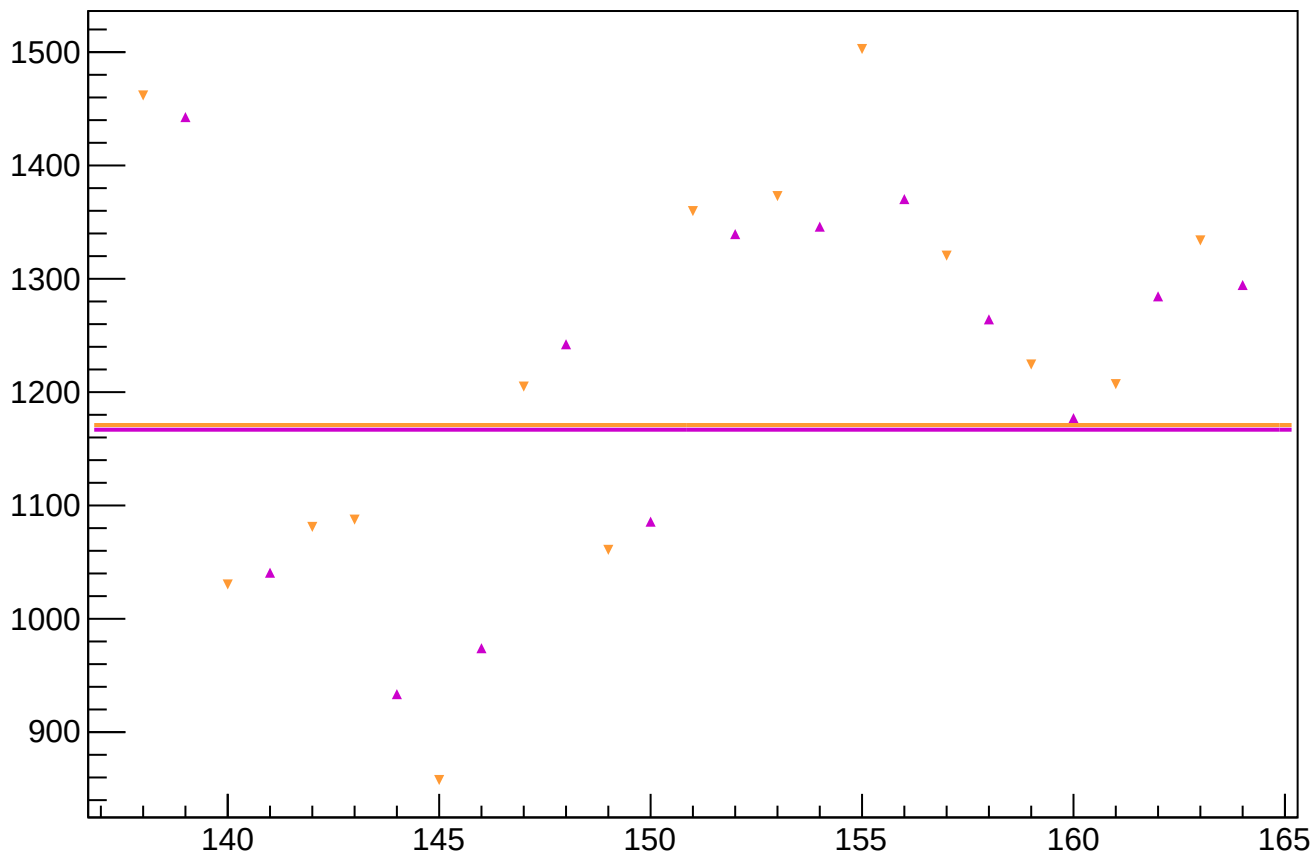
Left In: 513.765+/-366.015 χ^2/NDF : 7.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1264.952+/-258.621 χ^2/NDF : 37.9/26

- 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: 1170.996+/-0.258 χ^2/NDF : 512561.6/13

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

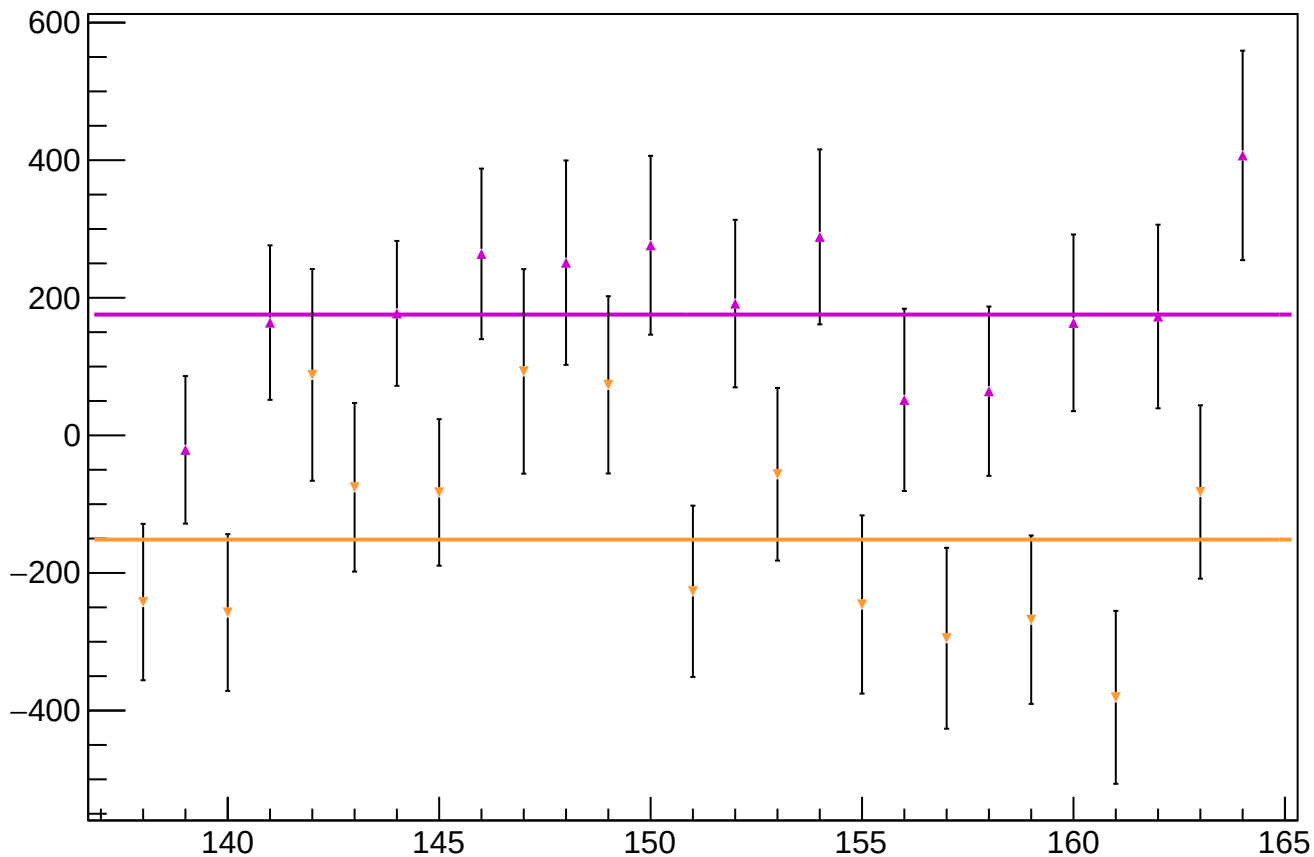
Left In: 1166.855+/-0.259 χ^2/NDF : 391743.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1168.928+/-0.183 χ^2/NDF : 904433.4/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -151.518+/-33.417 χ^2/NDF : 17.7/13

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

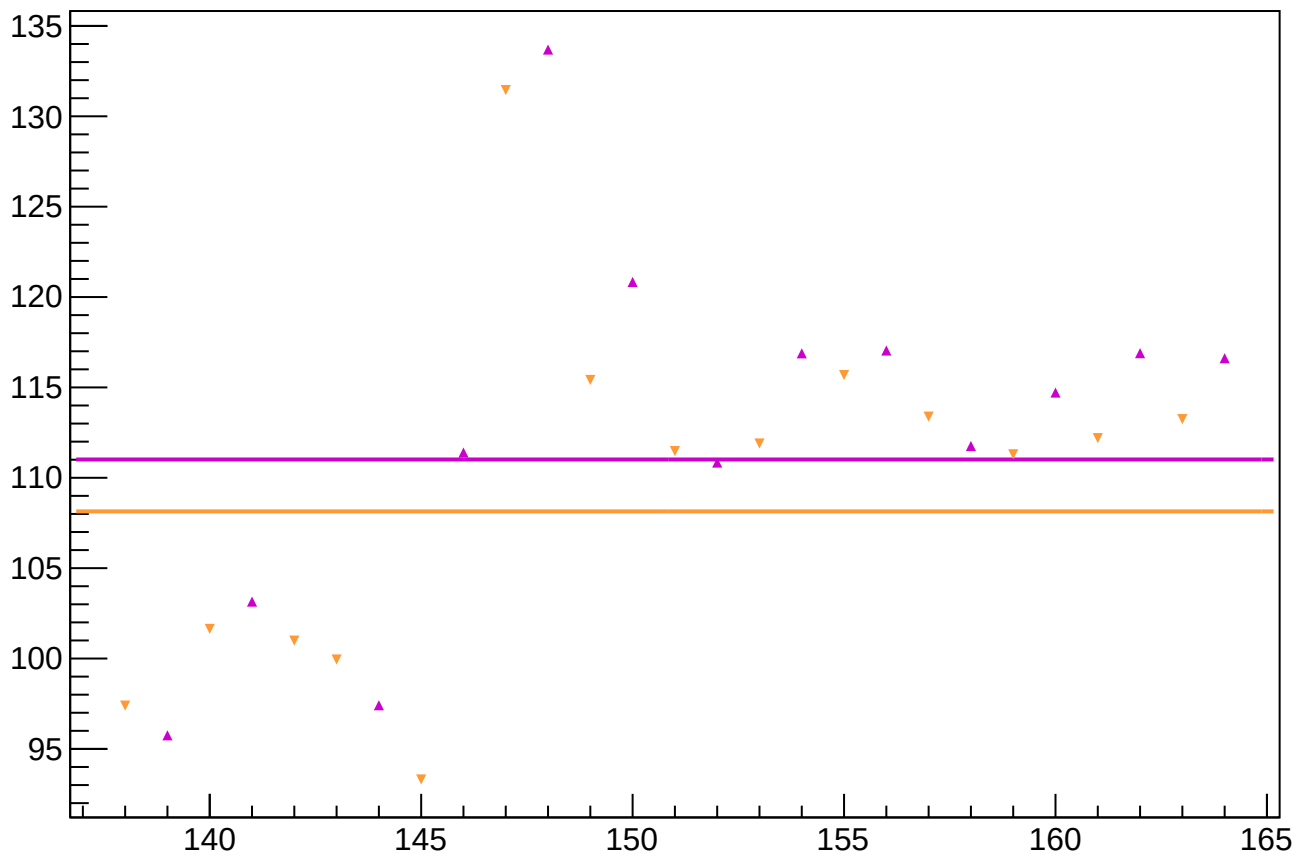
Left In: 175.594+/-34.539 χ^2/NDF : 9.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.640+/-24.016 χ^2/NDF : 73.6/26

- 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: 108.142+/-0.024 χ^2/NDF :151882.1/13

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

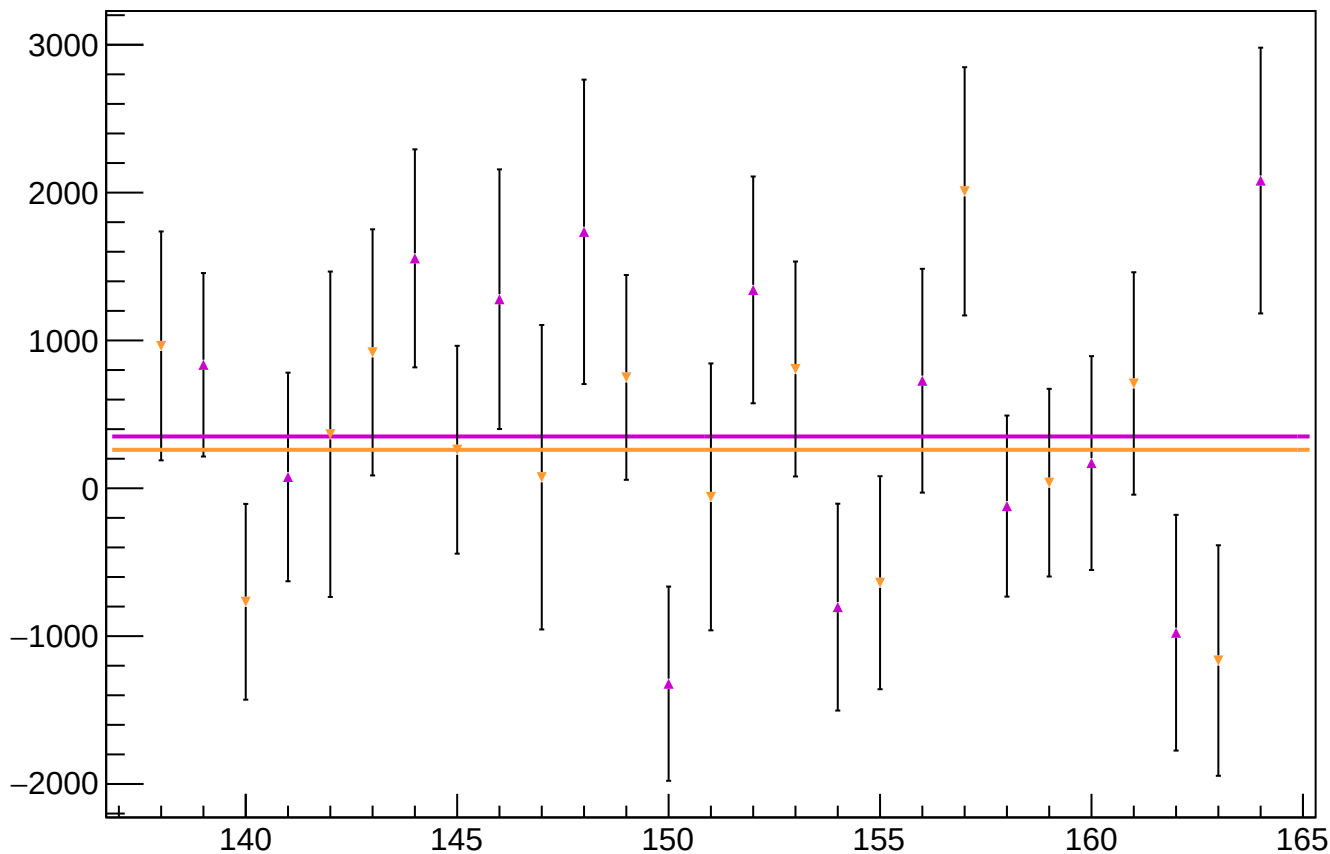
Left In: 111.013+/-0.024 χ^2/NDF :158432.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.530+/-0.017 χ^2/NDF : 317453.6/26

- 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: 260.430 $\pm$ 205.712 χ^2 /NDF:14.8/13

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

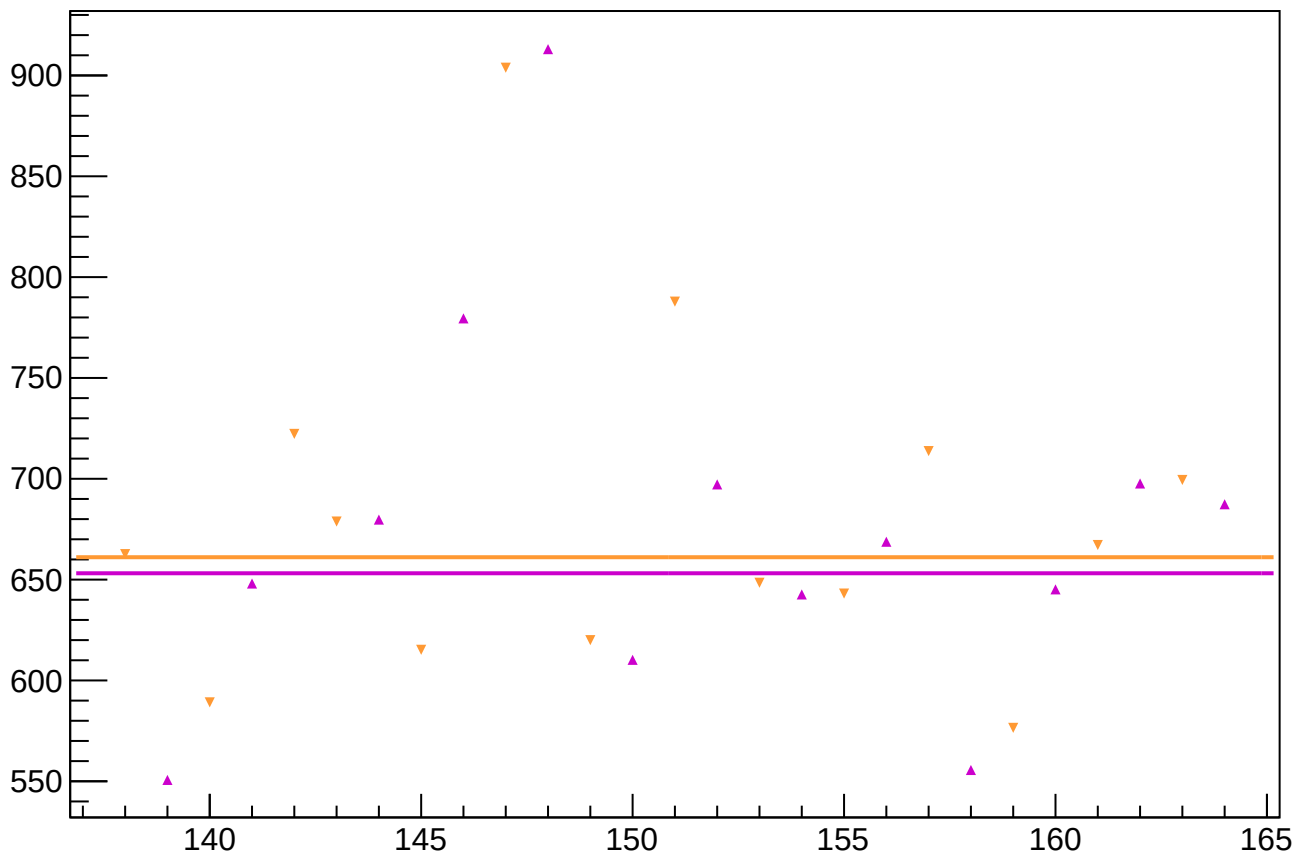
Left In: 350.543 $\pm$ 204.634 χ^2 /NDF:24.6/12

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

All: 305.723 $\pm$ 145.078 χ^2 /NDF: 39.5/26

- 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: 661.103+/-0.145 χ^2/NDF : 247108.0/13

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

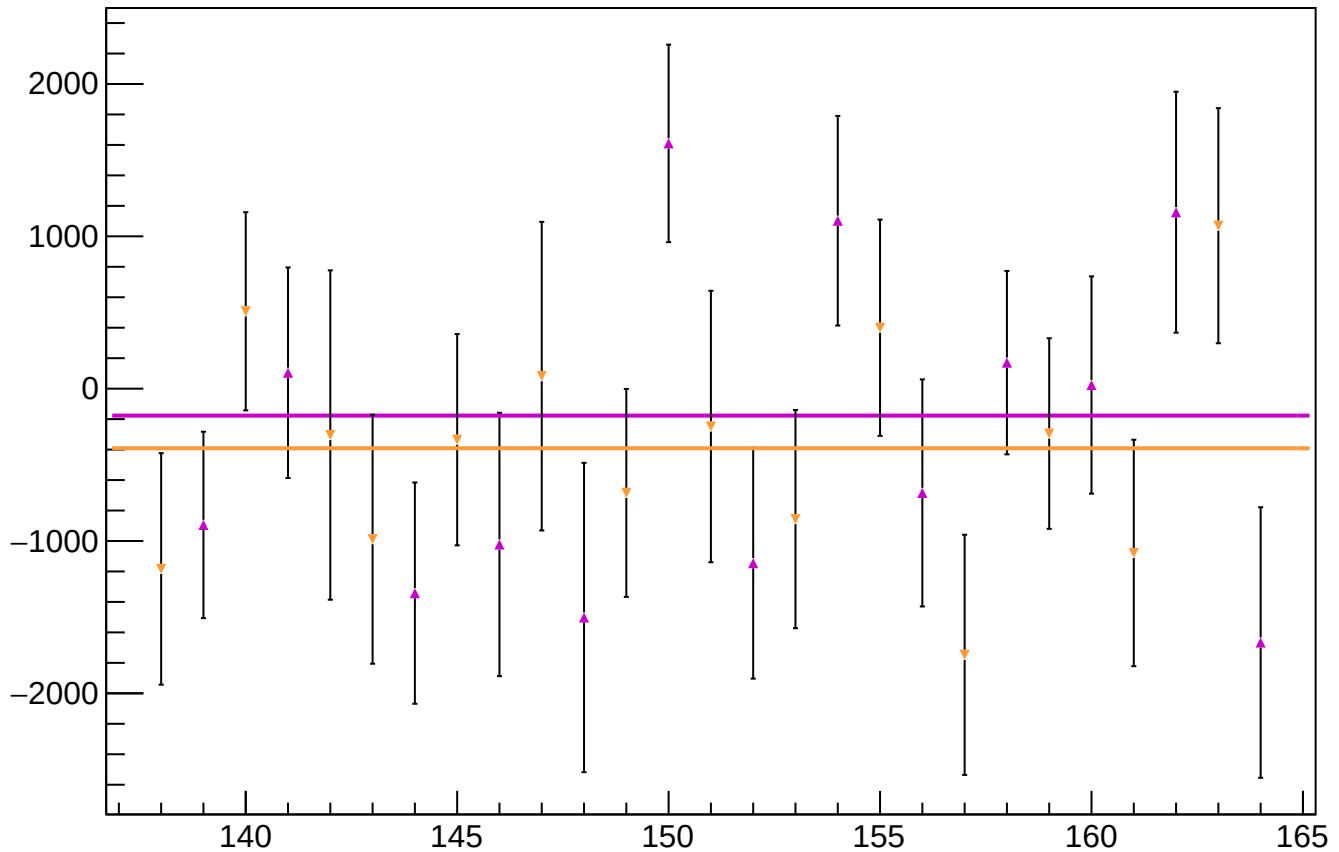
Left In: 653.148+/-0.145 χ^2/NDF : 302705.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.105+/-0.103 χ^2/NDF : 551316.3/26

- 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: -391.277+/-202.055 χ^2/NDF :13.1/13

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

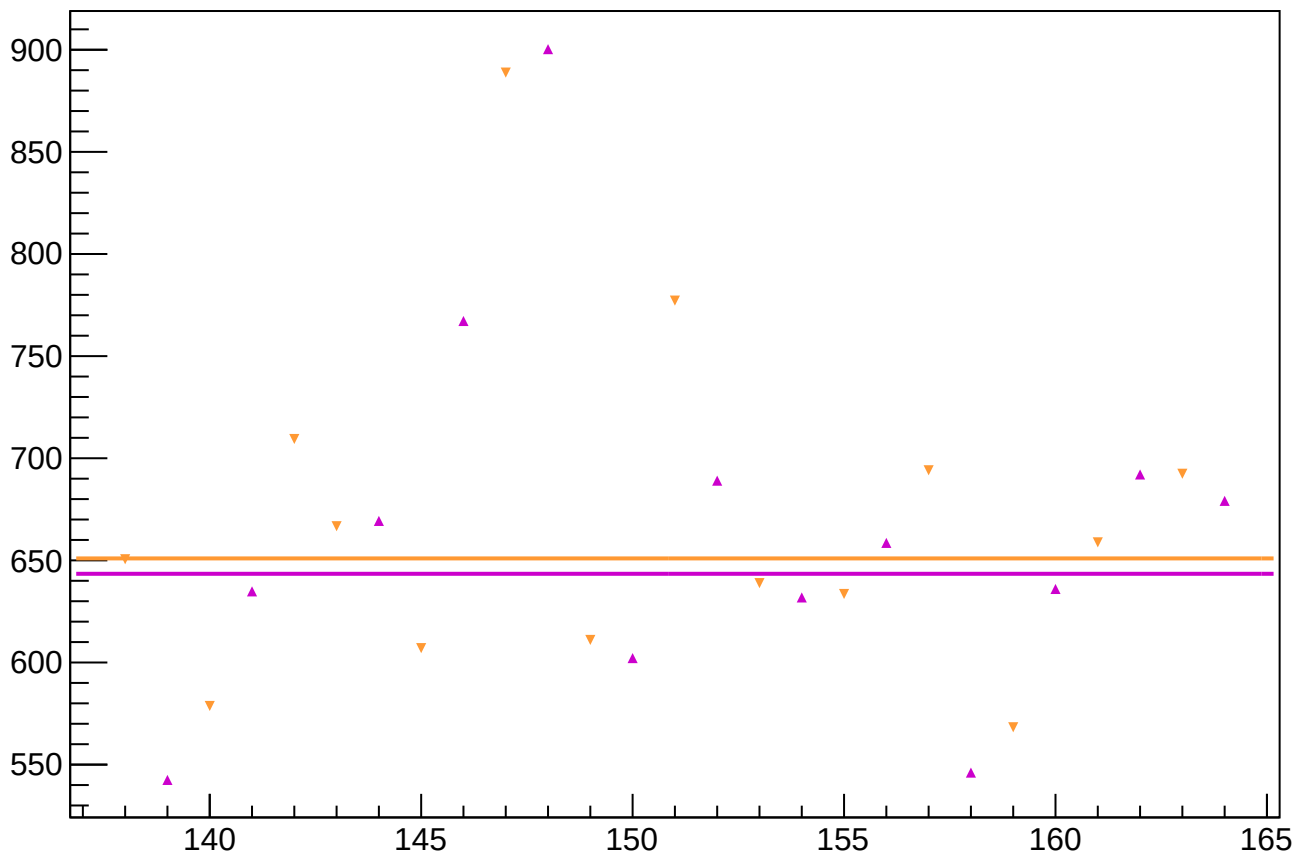
Left In: -176.829+/-201.639 χ^2/NDF :26.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -283.832+/-142.727 χ^2/NDF : 39.6/26

- 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: 650.958+/-0.143 χ^2/NDF : 245228.9/13

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

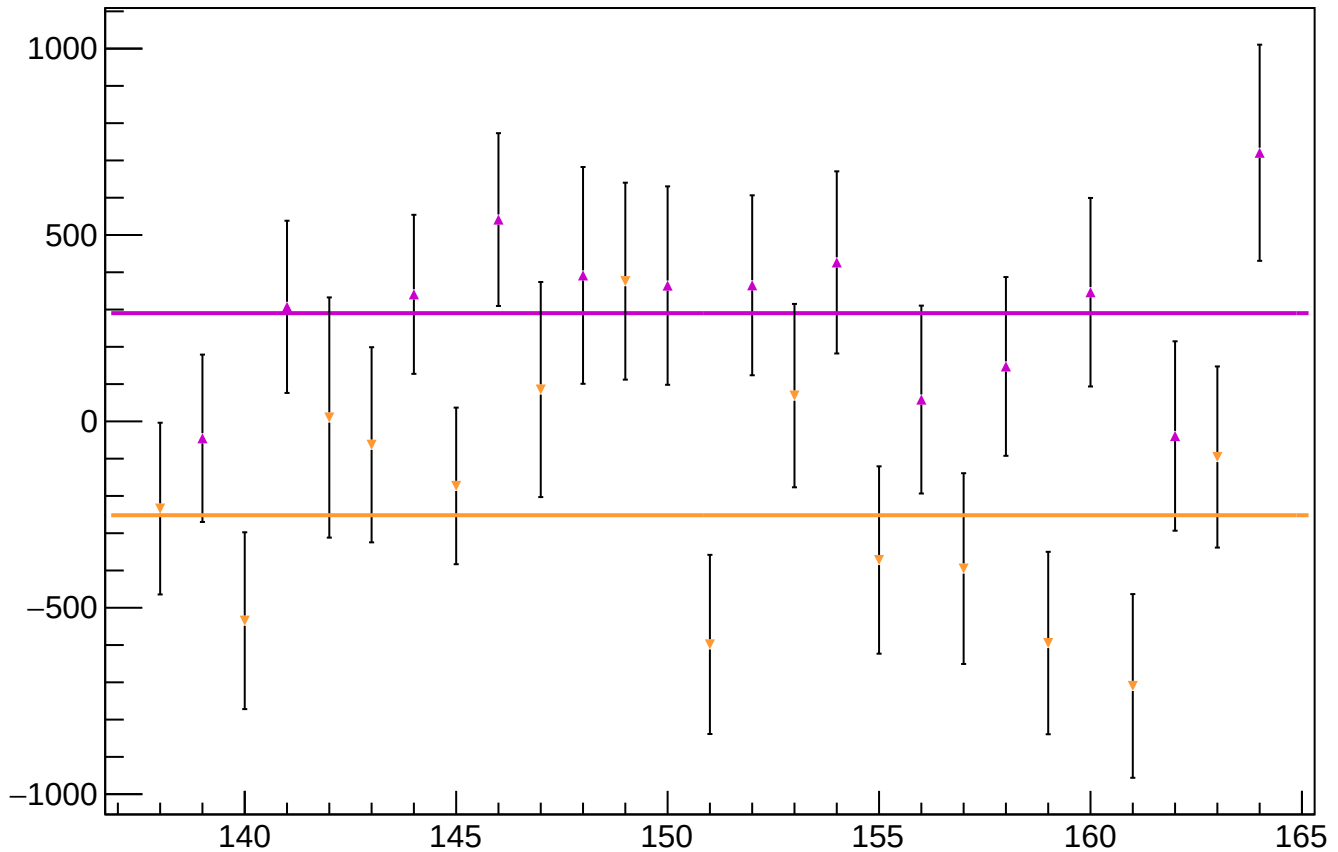
Left In: 643.431+/-0.143 χ^2/NDF : 306331.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.187+/-0.101 χ^2/NDF : 552951.1/26

- 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: -251.705+/-66.679 χ^2/NDF : 19.9/13

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

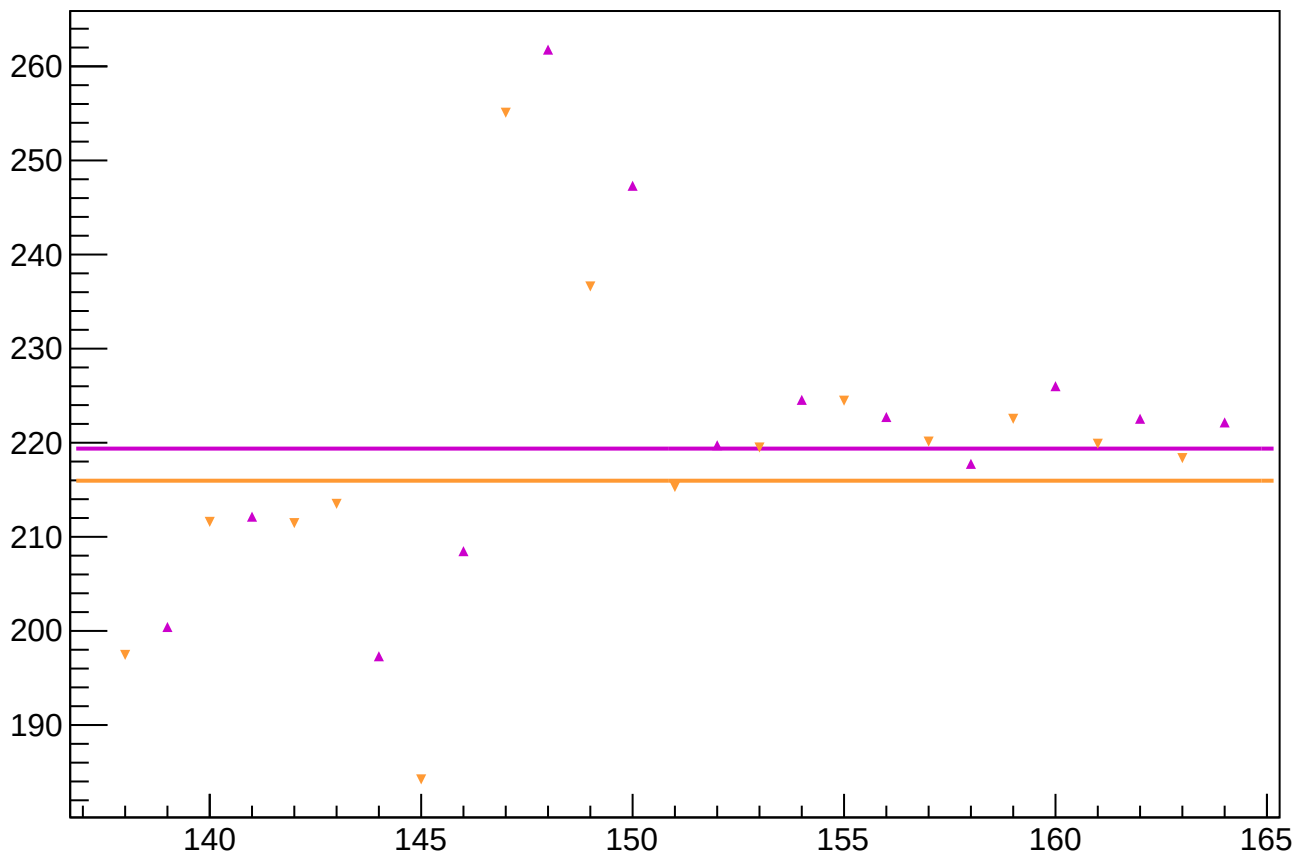
Left In: 290.334+/-68.167 χ^2/NDF : 9.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.334+/-47.666 χ^2/NDF : 61.4/26

- 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: 215.965+/-0.047 χ^2/NDF :114193.9/13

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

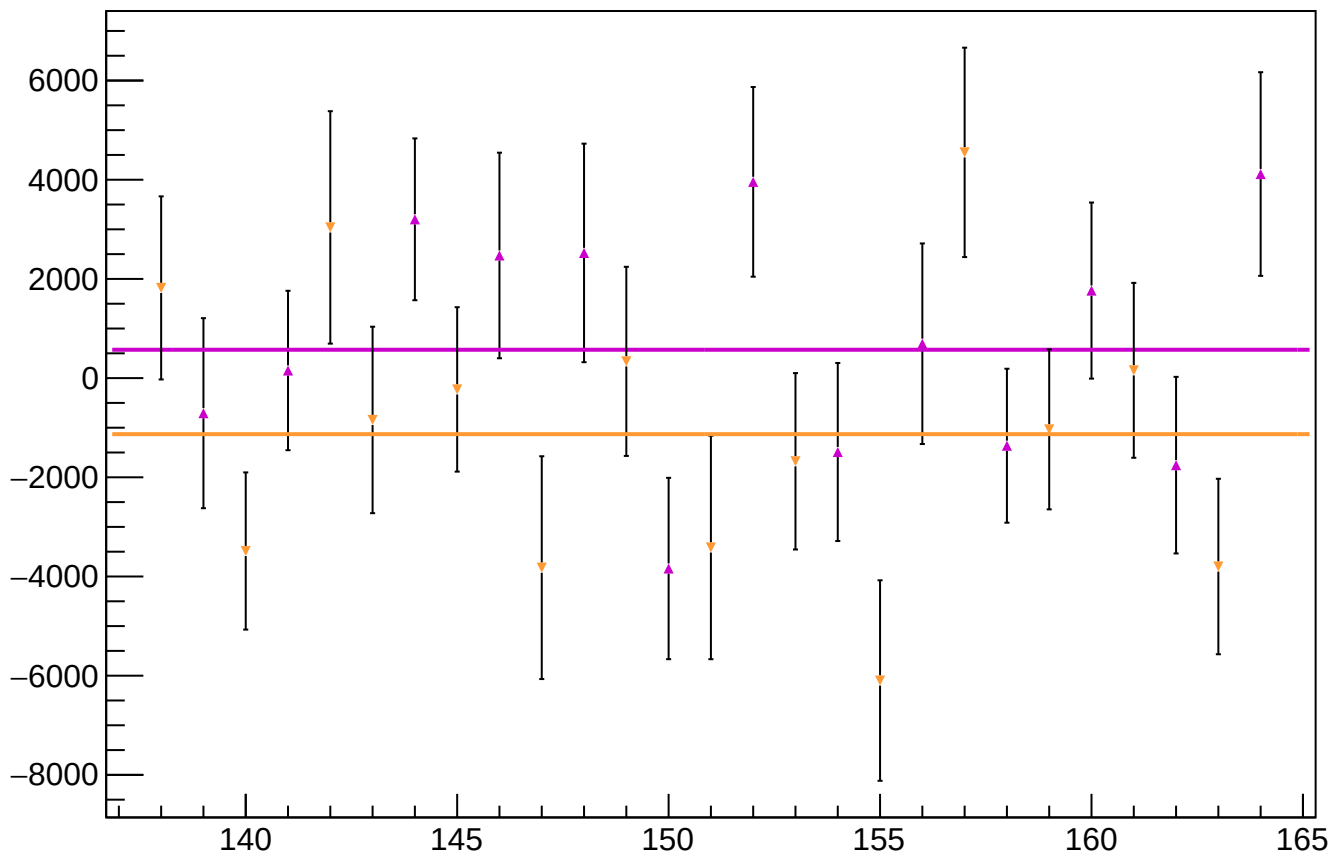
Left In: 219.376+/-0.048 χ^2/NDF :109835.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.633+/-0.034 χ^2/NDF : 226589.2/26

- 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: -1130.112+/-499.900 χ^2/NDF : 27.5/13

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

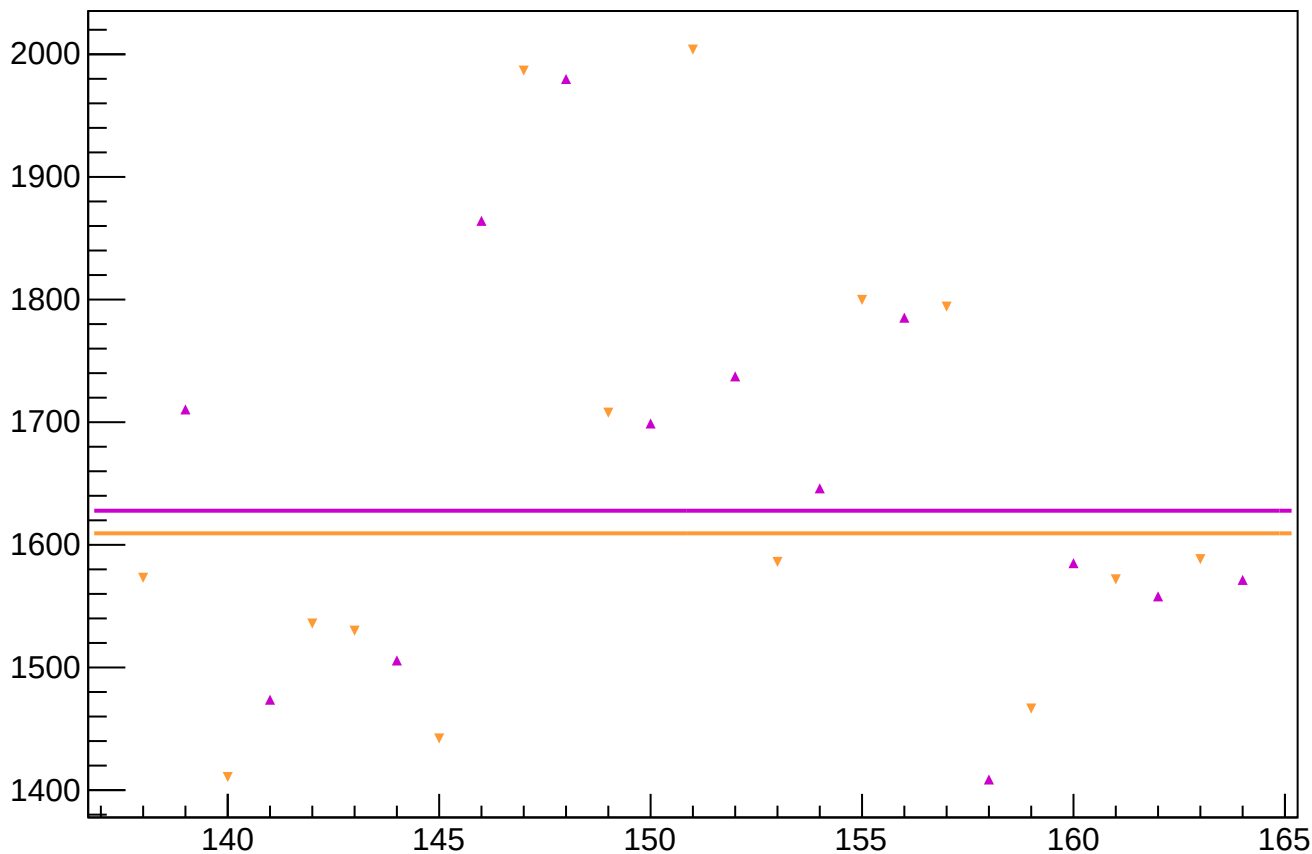
Left In: 571.947+/-507.251 χ^2/NDF : 21.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -291.506+/-356.053 χ^2/NDF : 54.9/26

- 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: 1609.400+/-0.353 χ^2/NDF :231448.8/13

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

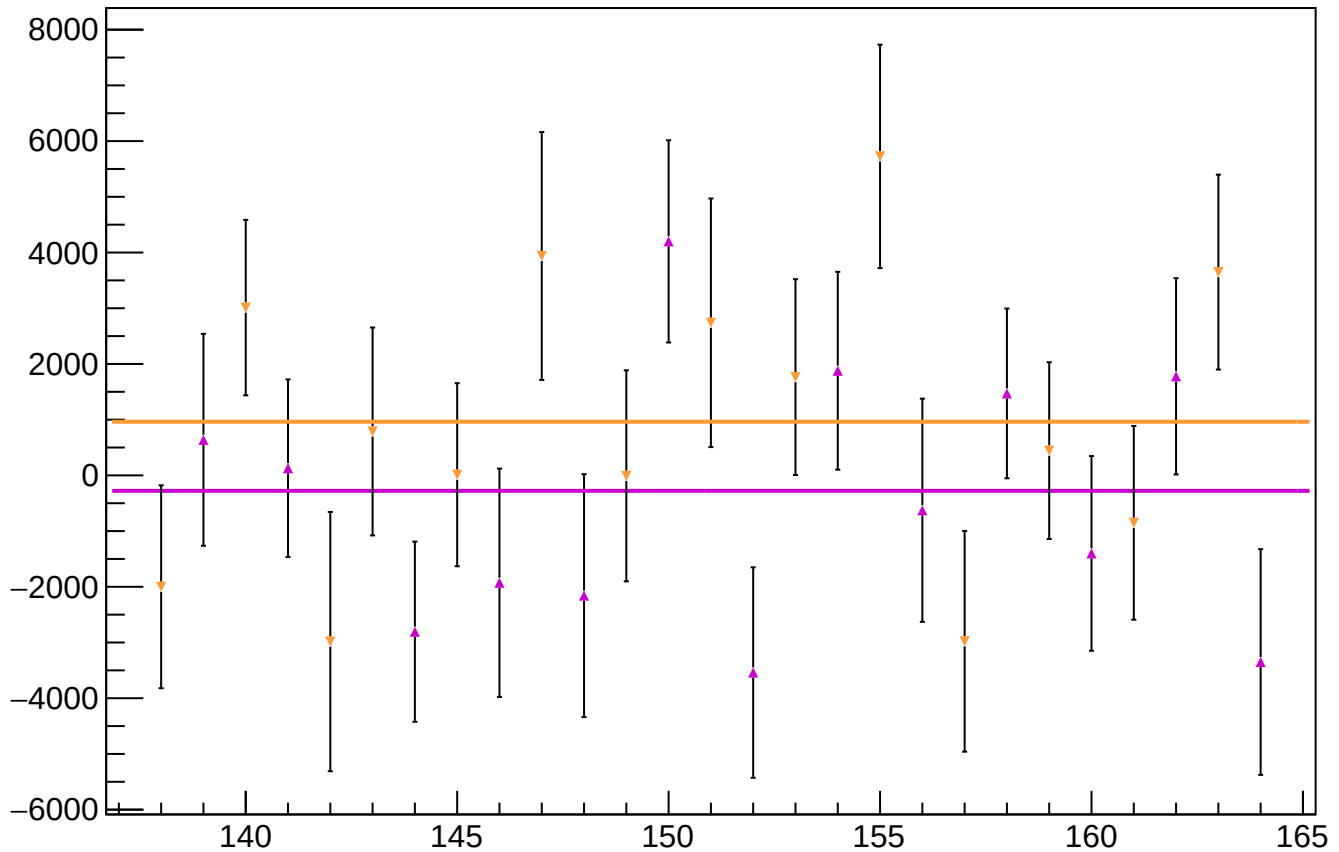
Left In: 1627.838+/-0.359 χ^2/NDF :177904.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1618.484+/-0.252 χ^2/NDF : 410693.9/26

- 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: 962.839+/-493.210 χ^2/NDF : 23.6/13

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

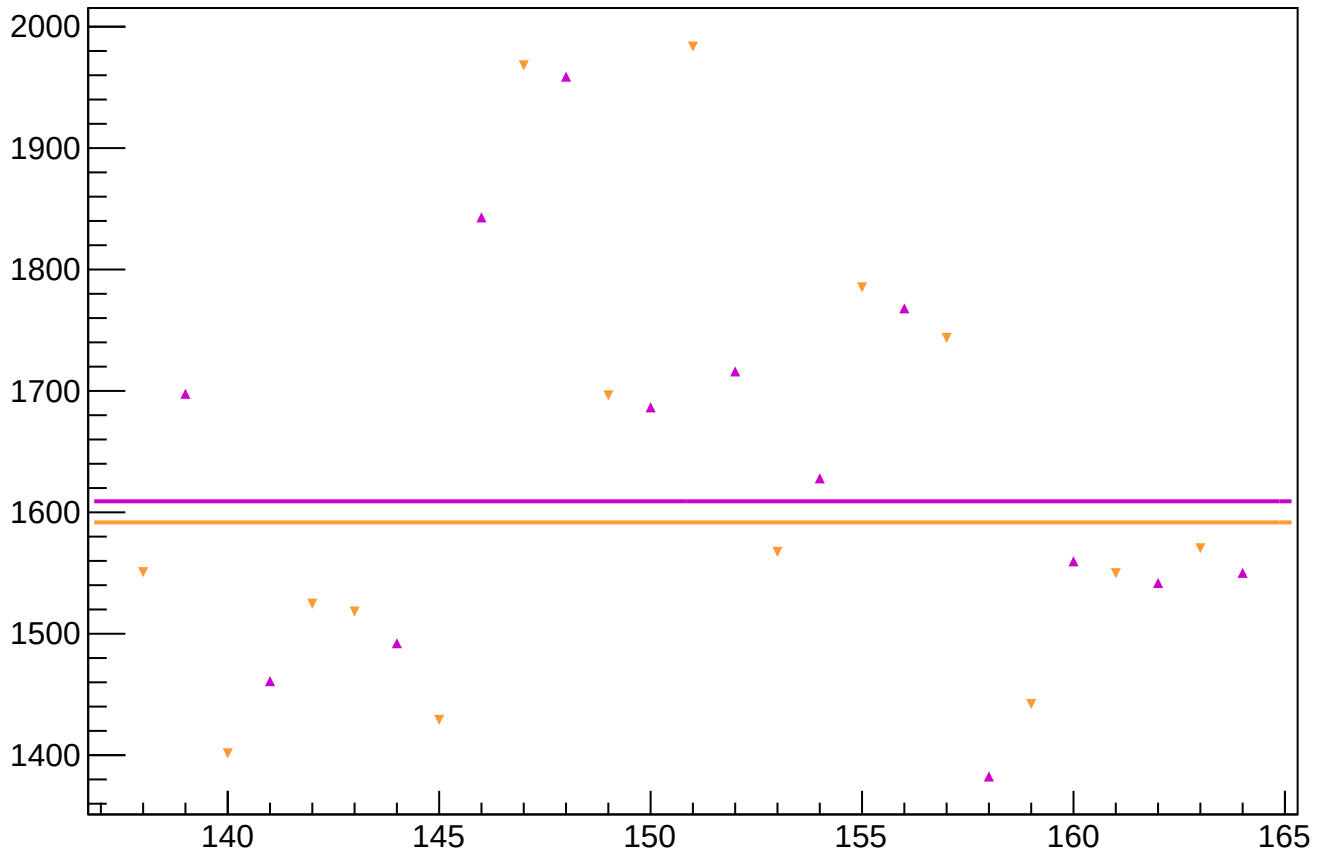
Left In: -277.948+/-501.517 χ^2/NDF : 20.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.806+/-351.652 χ^2/NDF : 46.8/26

- 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: 1591.696+/-0.349 χ^2/NDF : 229629.5/13

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

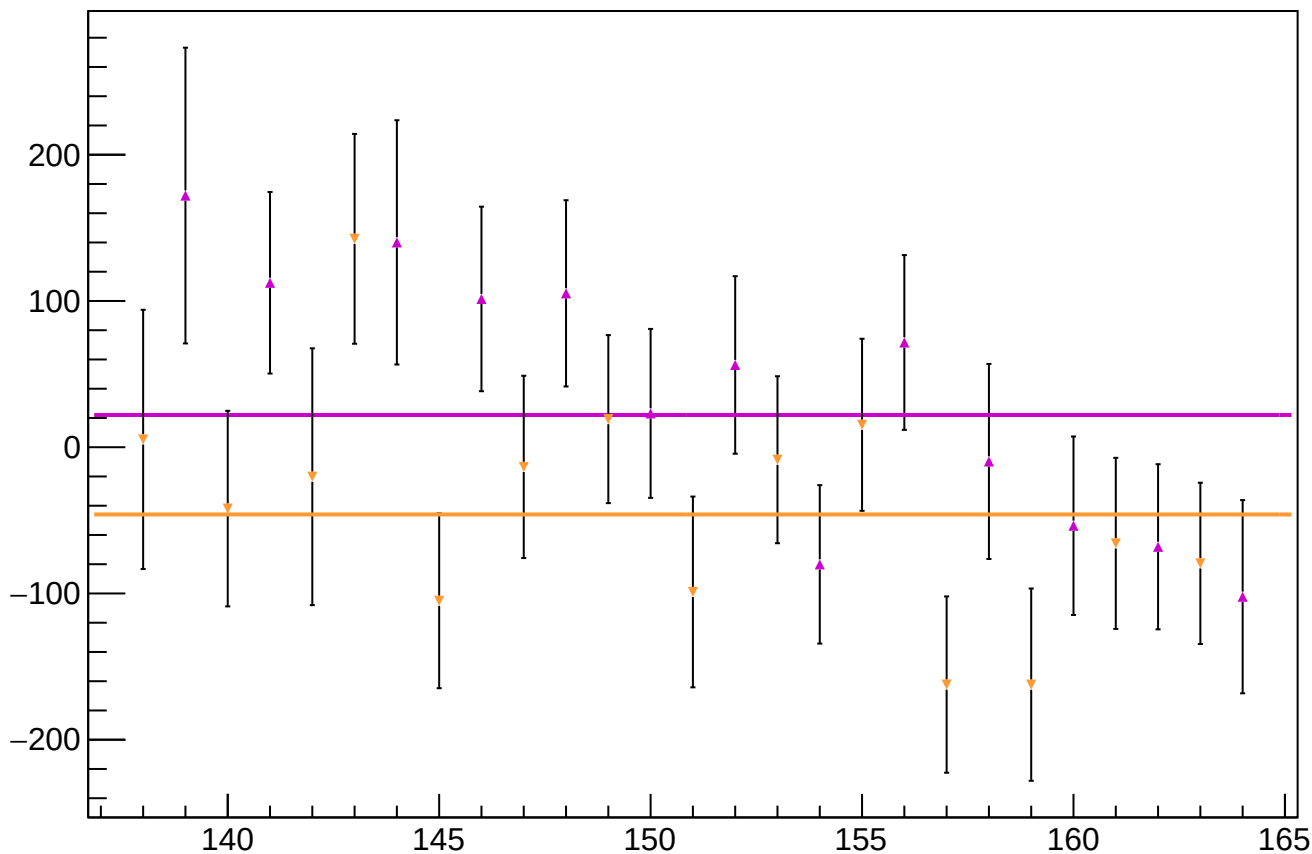
Left In: 1609.091+/-0.355 χ^2/NDF : 182951.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.248+/-0.249 χ^2/NDF : 413803.8/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -45.965 ± 16.966 χ^2/NDF : 19.4/13

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

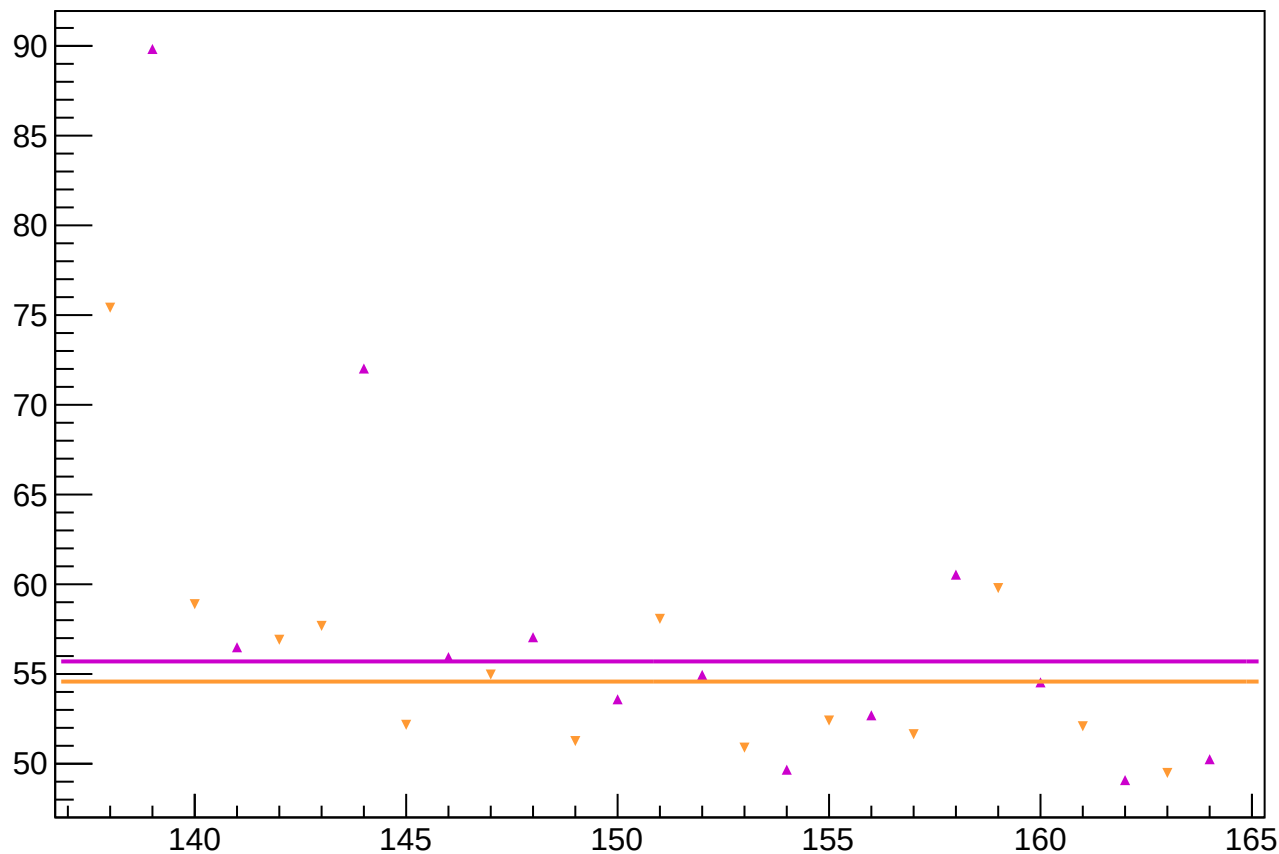
Left In: 22.036 ± 17.603 χ^2/NDF : 22.0/12

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.218 ± 12.216 χ^2/NDF : 49.1/26

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 54.579+/-0.012 χ^2/NDF : 188738.1/13

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

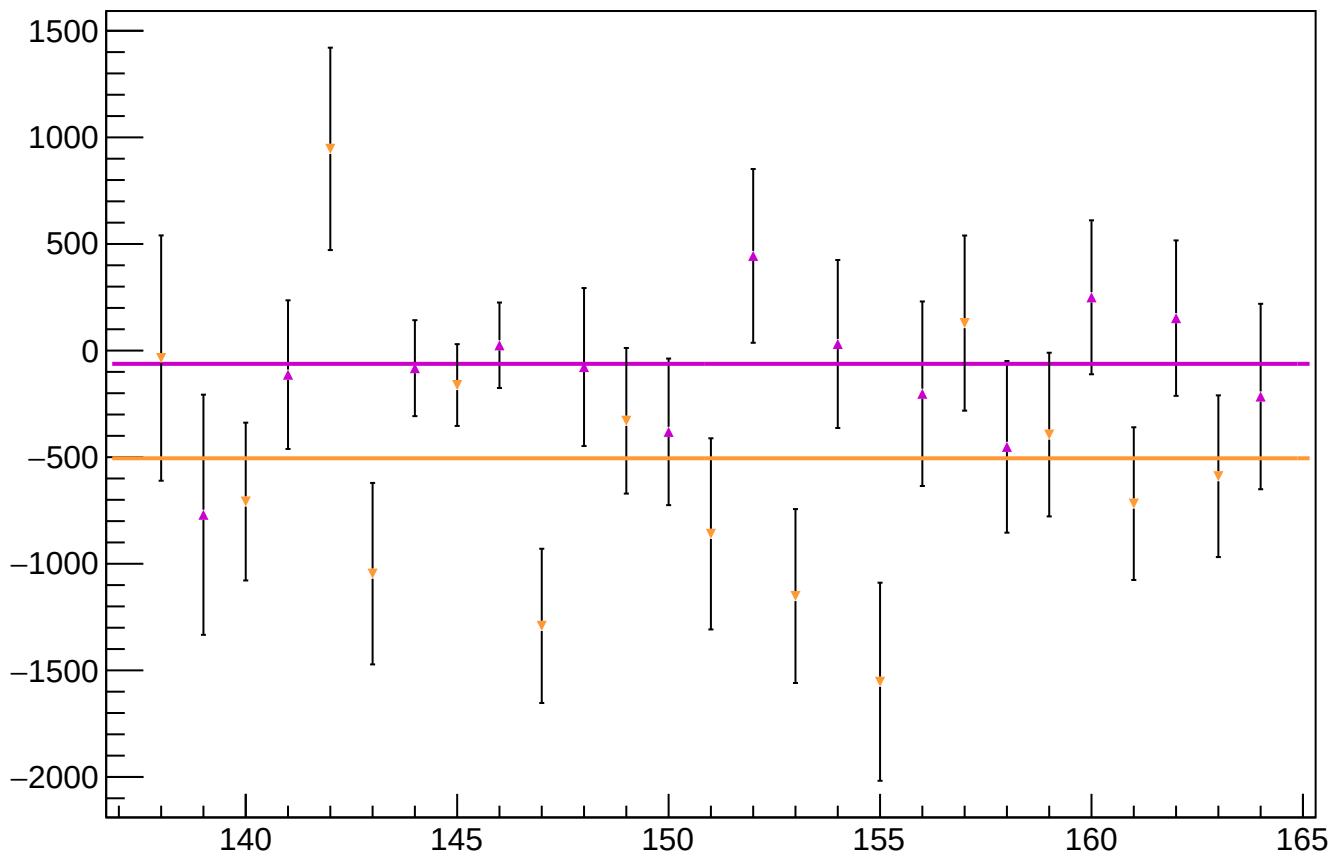
Left In: 55.700+/-0.012 χ^2/NDF : 390587.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.119+/-0.009 χ^2/NDF : 583533.3/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -505.223 $\pm$ 96.788 χ^2 /NDF:31.2/13

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

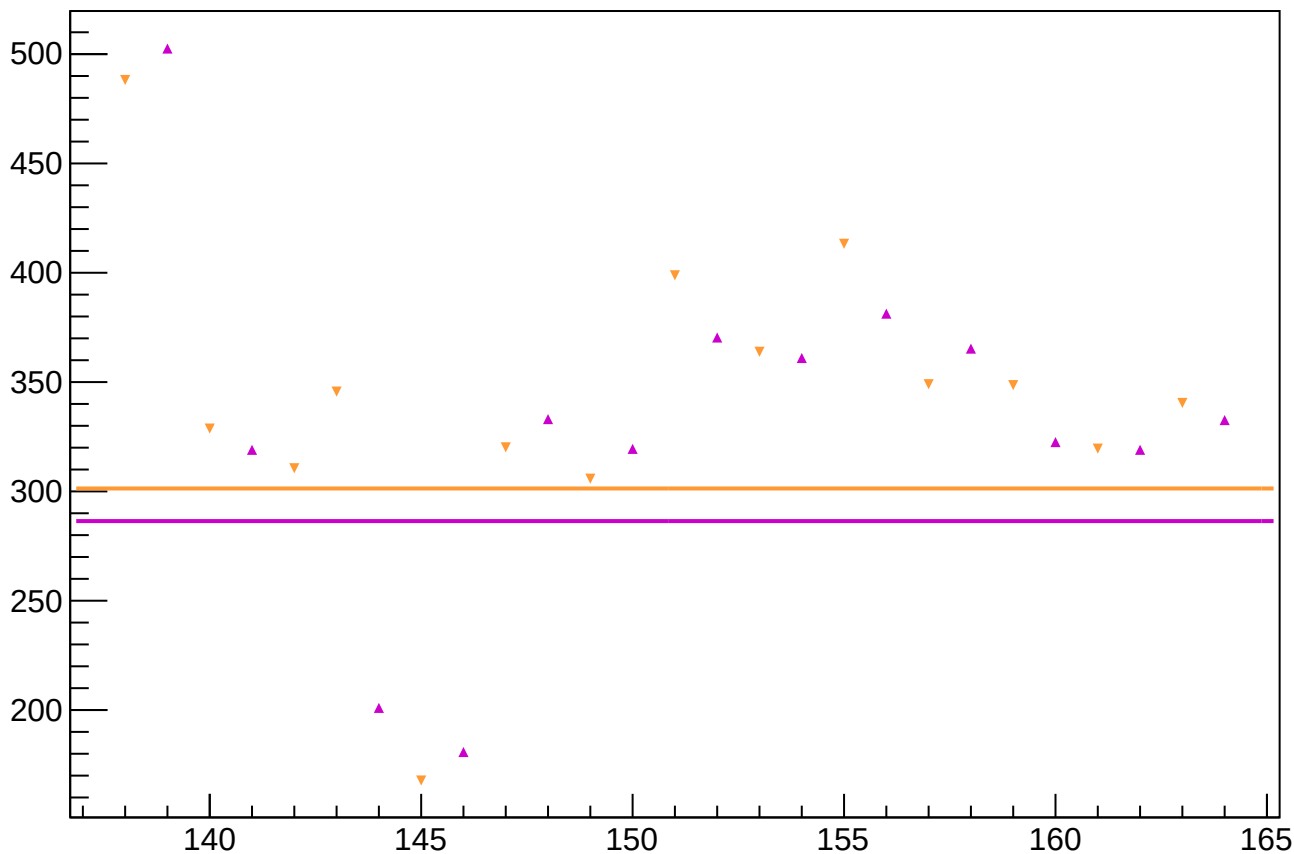
Left In: -62.204 $\pm$ 92.771 χ^2 /NDF:6.5/12

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

All: -274.330 $\pm$ 66.974 χ^2 /NDF: 48.7/26

- sign 0.000 $\pm$ 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: 301.334+/-0.068 χ^2/NDF :1561110.6/13

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

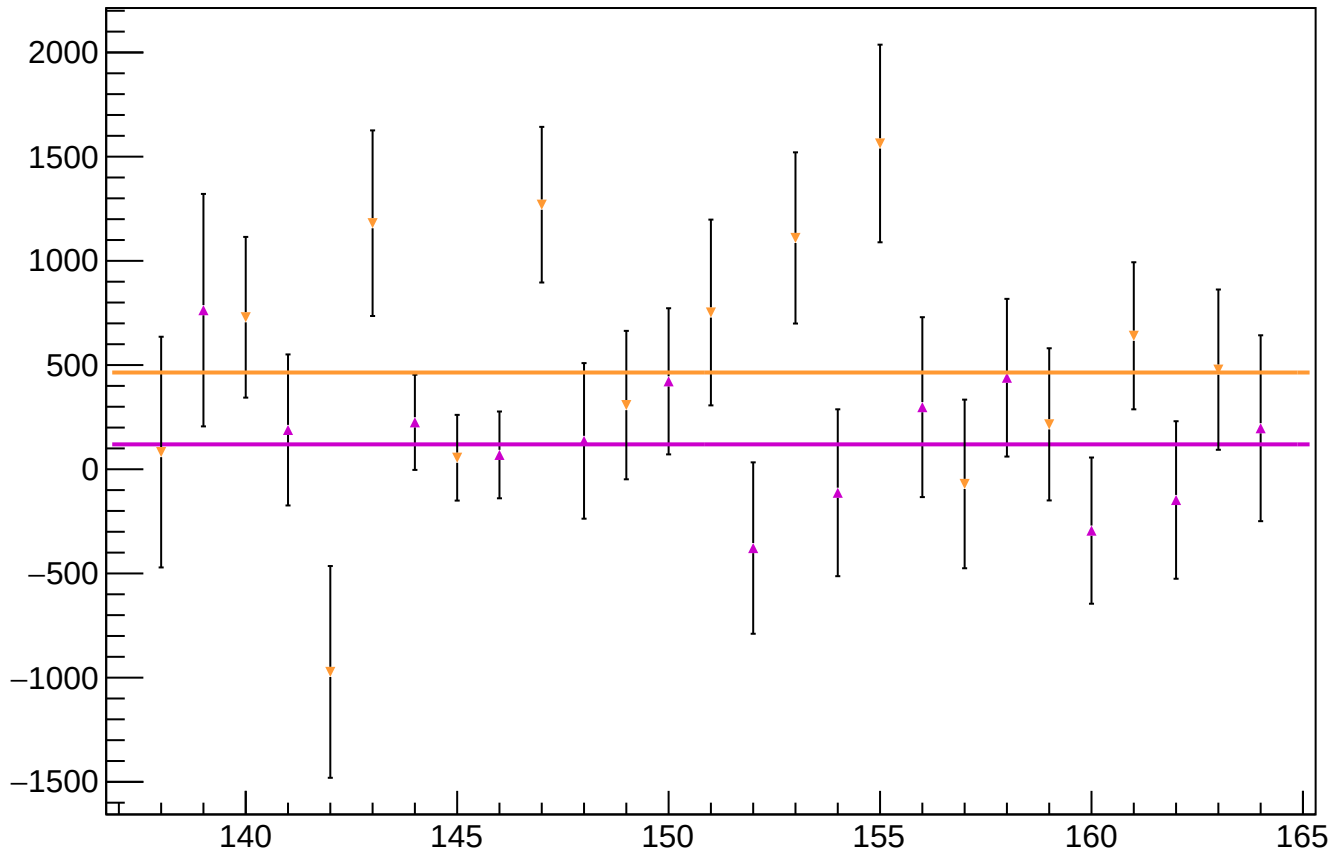
Left In: 286.425+/-0.066 χ^2/NDF :1593464.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.564+/-0.047 χ^2/NDF : 3179306.8/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



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

Left Out: 464.230+/-99.299 χ^2/NDF :31.1/13

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

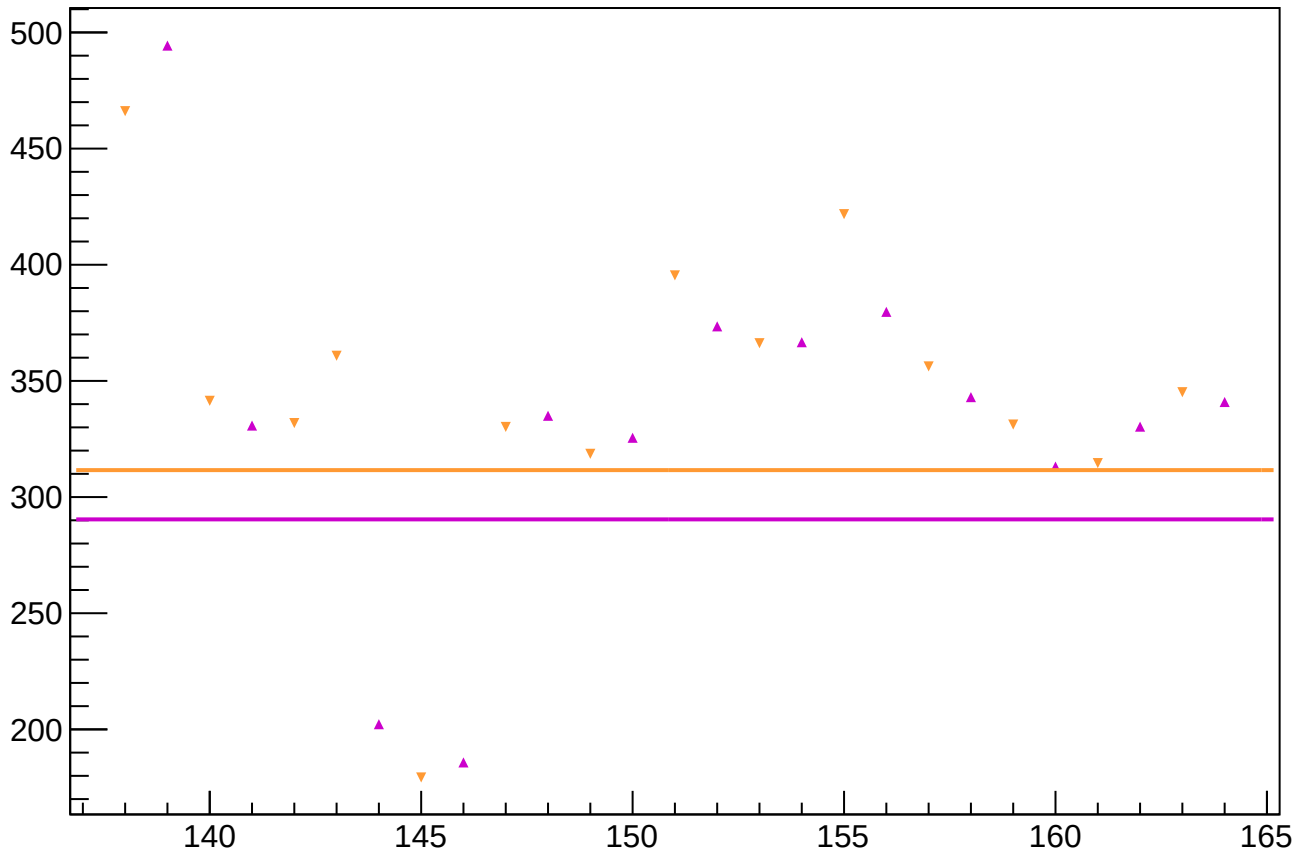
Left In: 119.432+/-94.067 χ^2/NDF :7.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.507+/-68.290 χ^2/NDF : 44.4/26

- 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: 311.601+/-0.070 χ^2/NDF :1288263.4/13

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

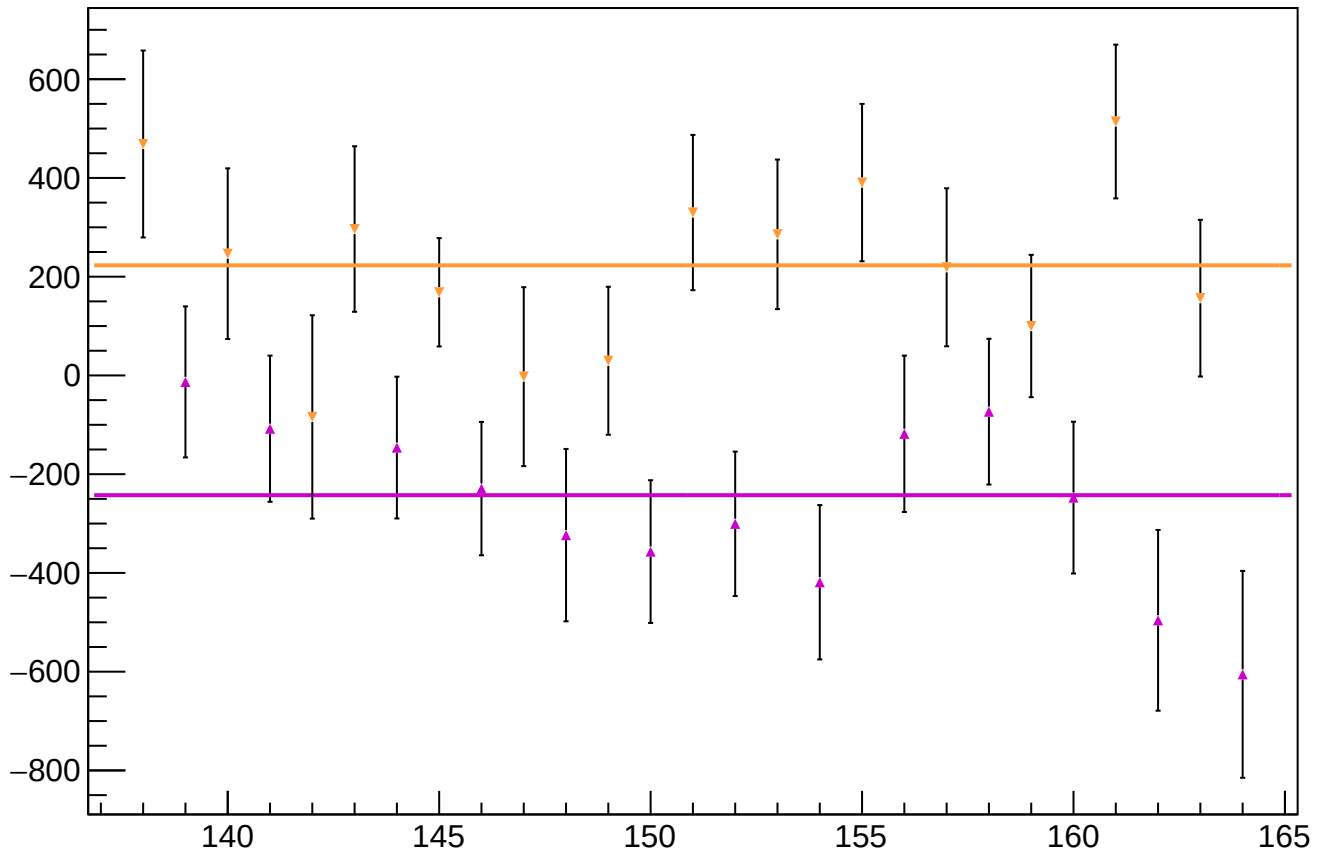
Left In: 290.394+/-0.067 χ^2/NDF :1478434.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.424+/-0.048 χ^2/NDF : 2814776.2/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug



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

Left Out: 222.962+/-41.878 χ^2/NDF :13.7/13

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

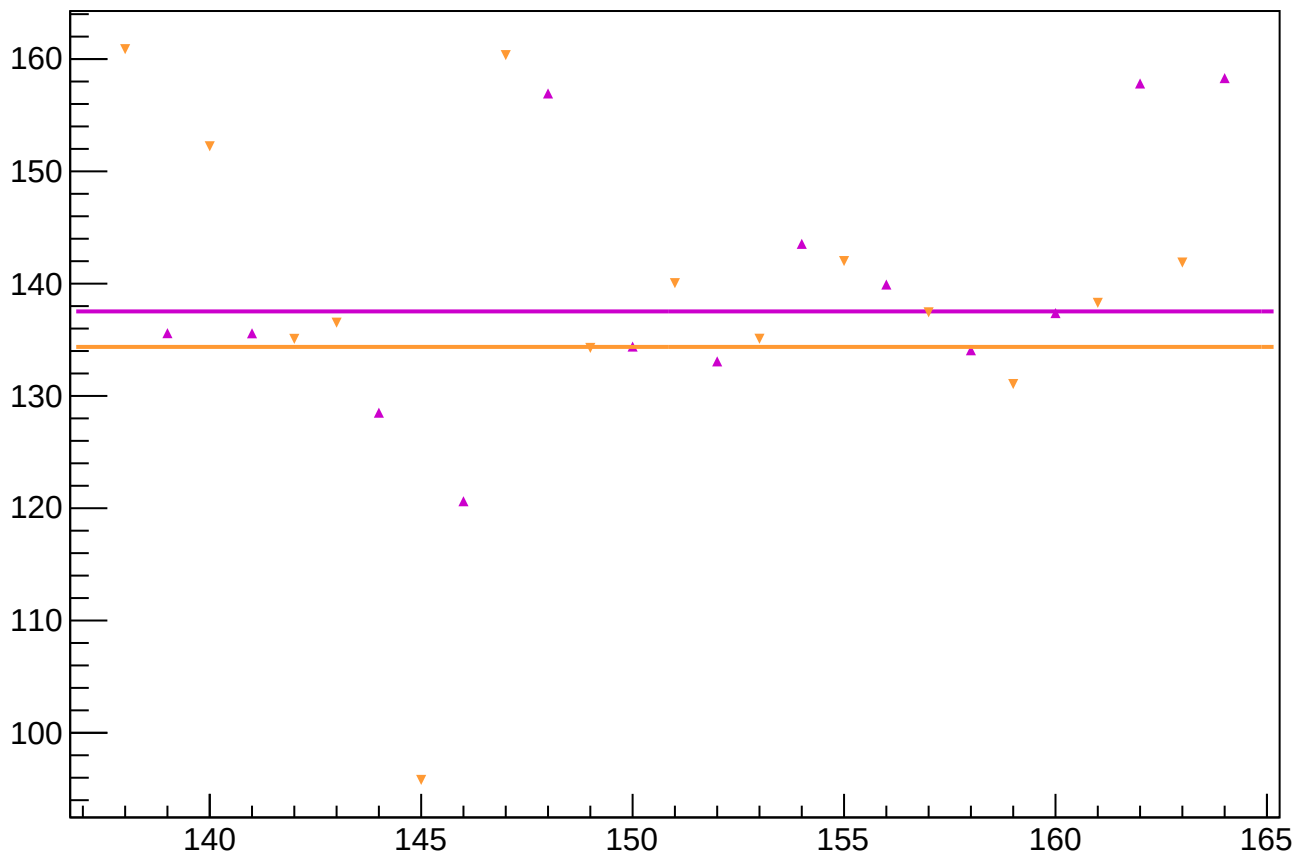
Left In: -242.554+/-43.003 χ^2/NDF :12.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.628+/-30.002 χ^2/NDF : 86.5/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 134.366+/-0.030 χ^2/NDF : 363942.8/13

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

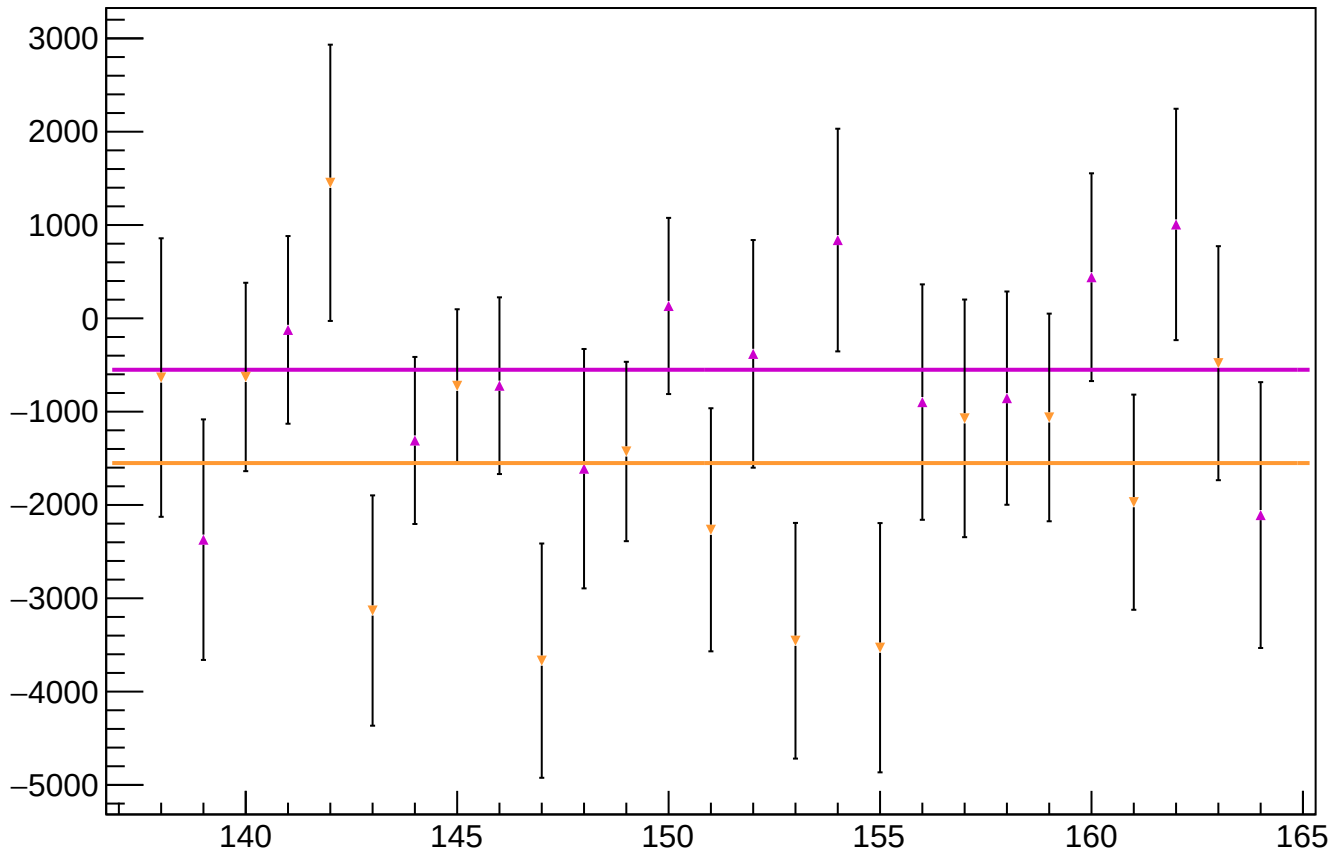
Left In: 137.527+/-0.030 χ^2/NDF : 116180.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.905+/-0.021 χ^2/NDF : 485671.0/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_mean vs Slug



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

Left Out: -1550.934+/-311.051 χ^2/NDF : 16.8/13

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

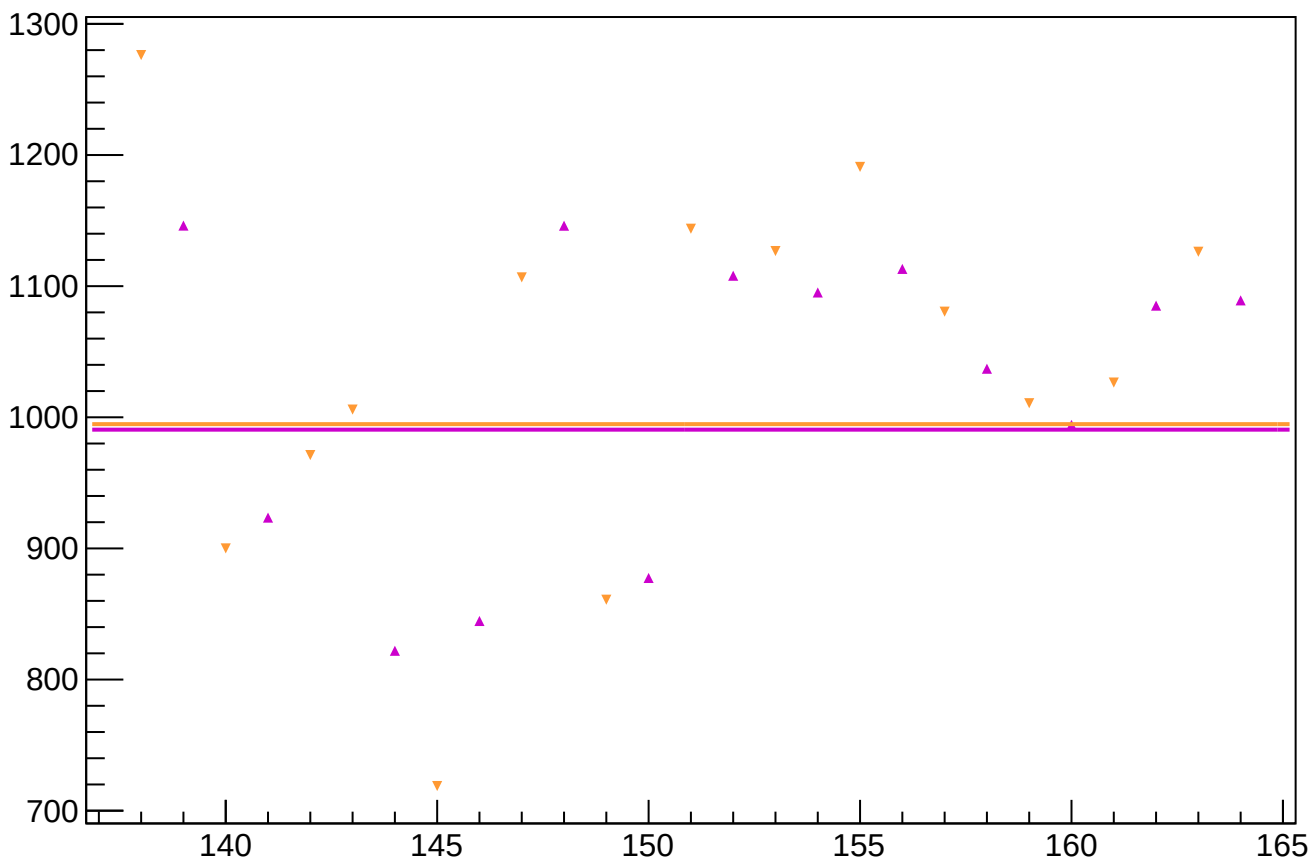
Left In: -551.102+/-310.034 χ^2/NDF : 9.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1049.381+/-219.586 χ^2/NDF : 31.2/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_rms vs Slug



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

Left Out: 994.774+/-0.220 χ^2/NDF : 494490.8/13

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

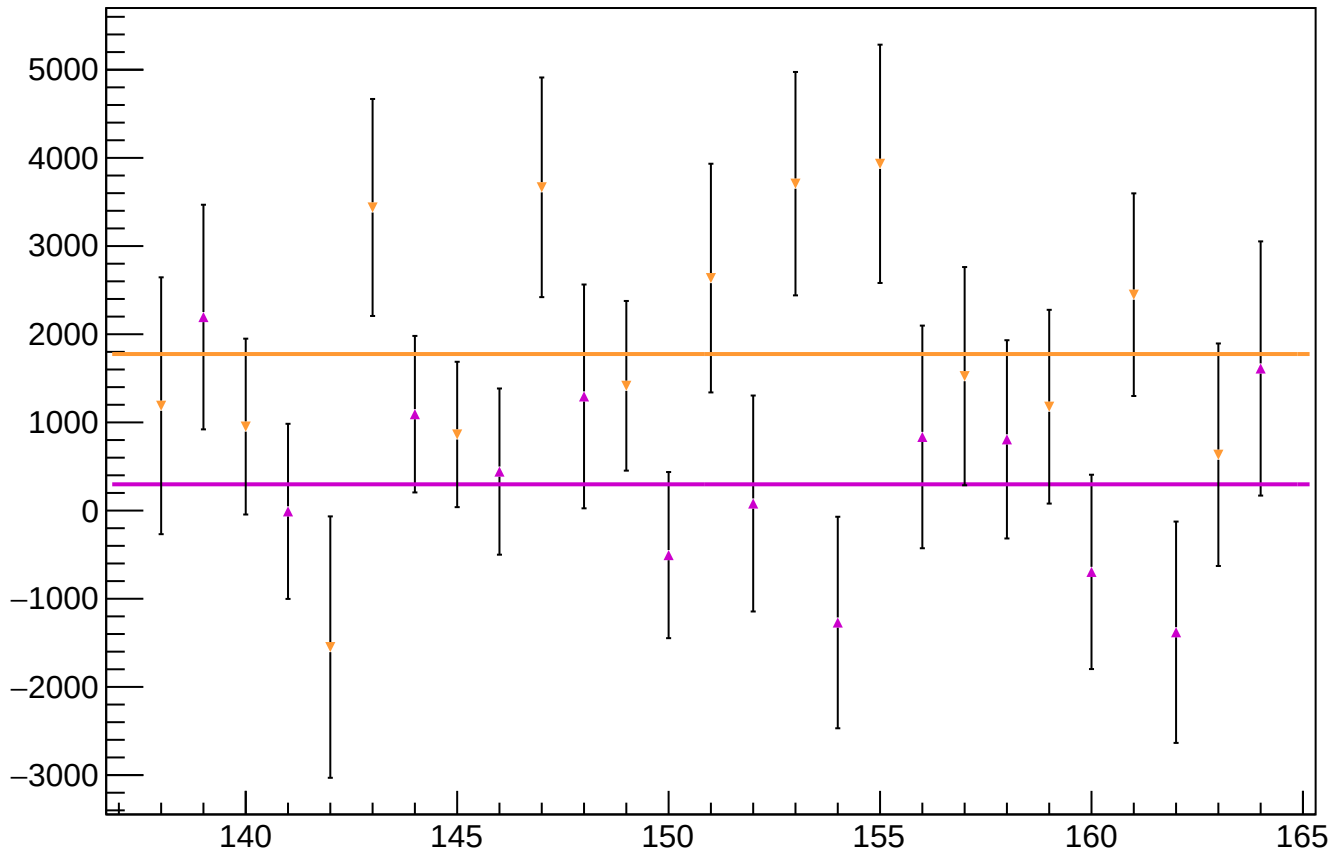
Left In: 990.565+/-0.219 χ^2/NDF : 291956.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 992.663+/-0.155 χ^2/NDF : 786630.8/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_mean vs Slug



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

Left Out: 1775.402+/-309.782 χ^2/NDF :18.2/13

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

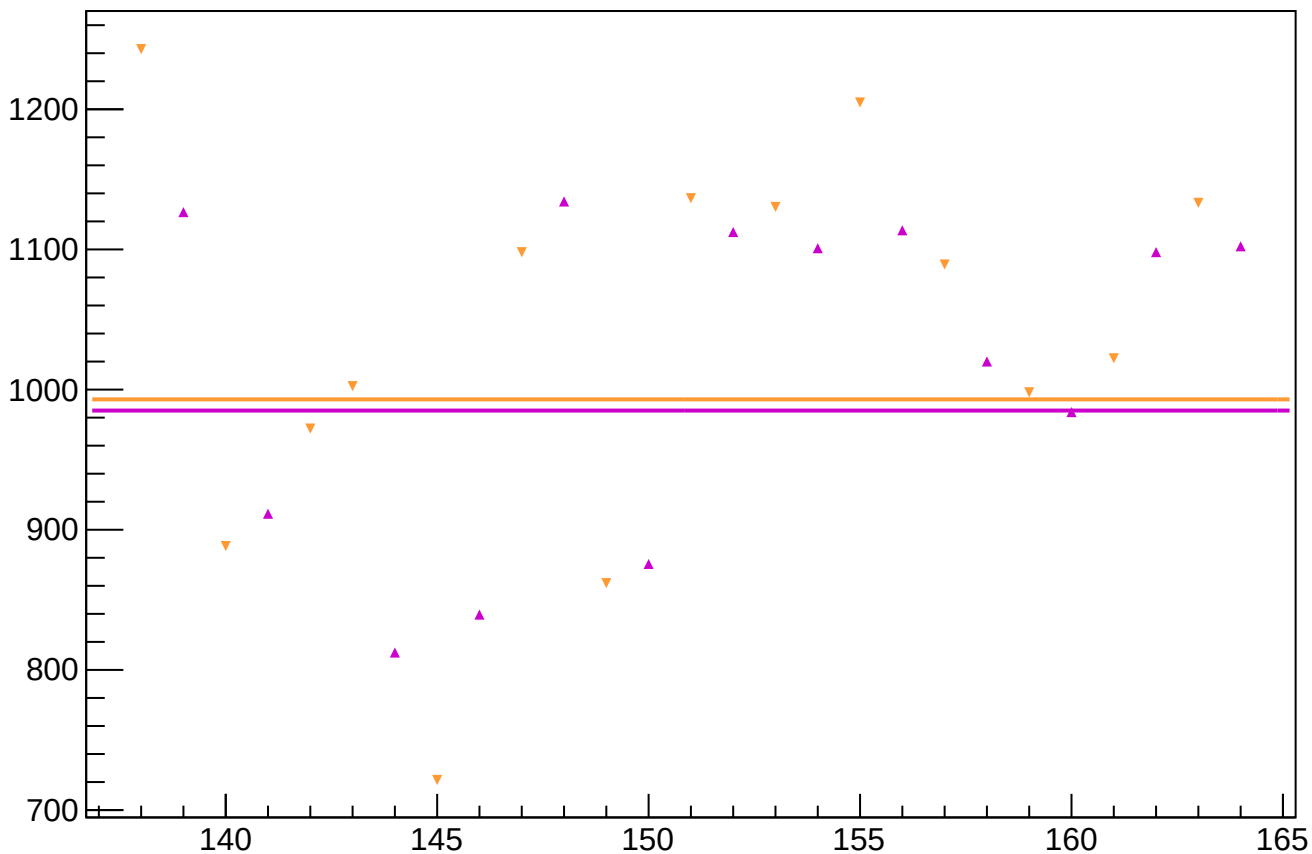
Left In: 297.847+/-308.720 χ^2/NDF :10.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.086+/-218.672 χ^2/NDF : 39.6/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_rms vs Slug



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

Left Out: 993.018+/-0.219 χ^2/NDF : 485054.3/13

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

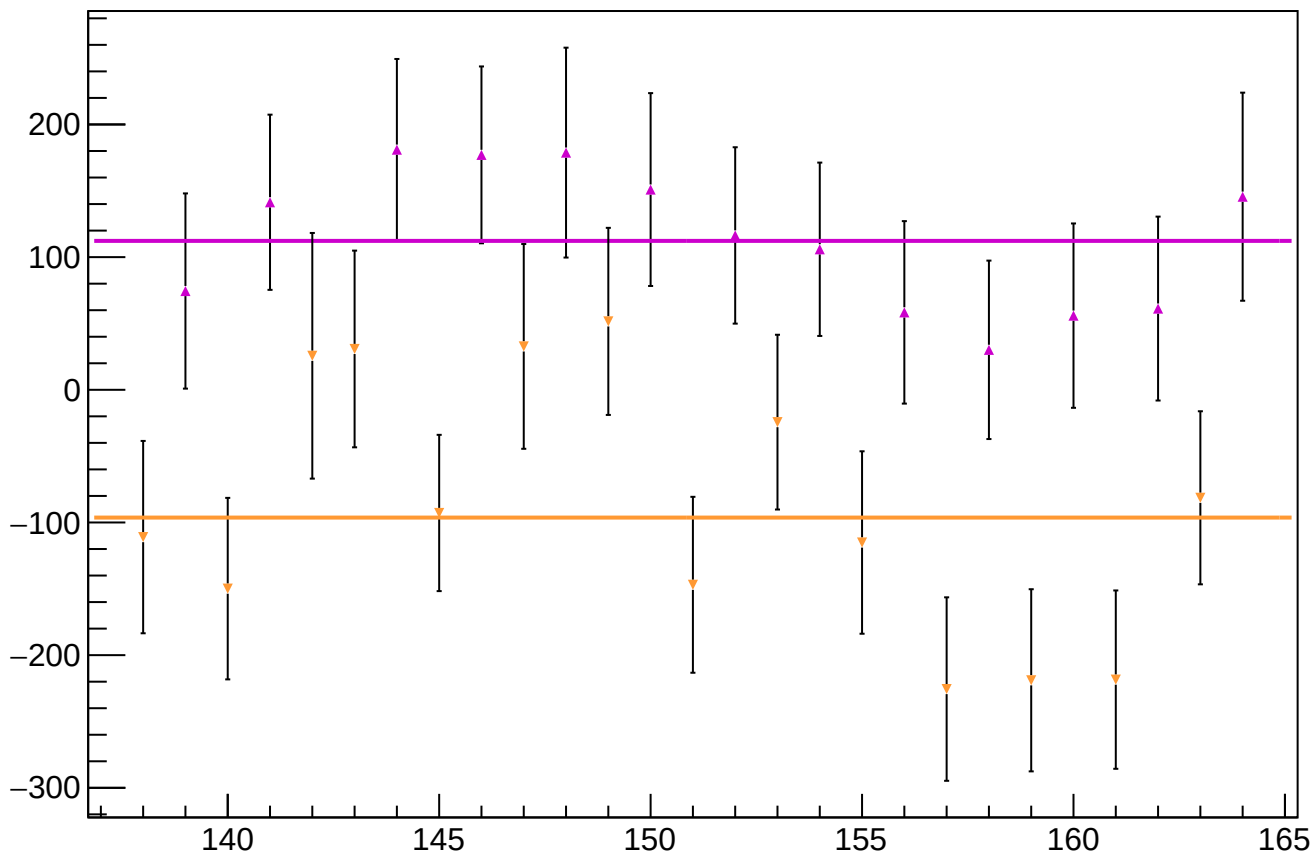
Left In: 985.046+/-0.218 χ^2/NDF : 306093.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.018+/-0.155 χ^2/NDF : 791812.7/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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

Left Out: -96.306 $\pm$ 18.546 χ^2 /NDF:24.4/13

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

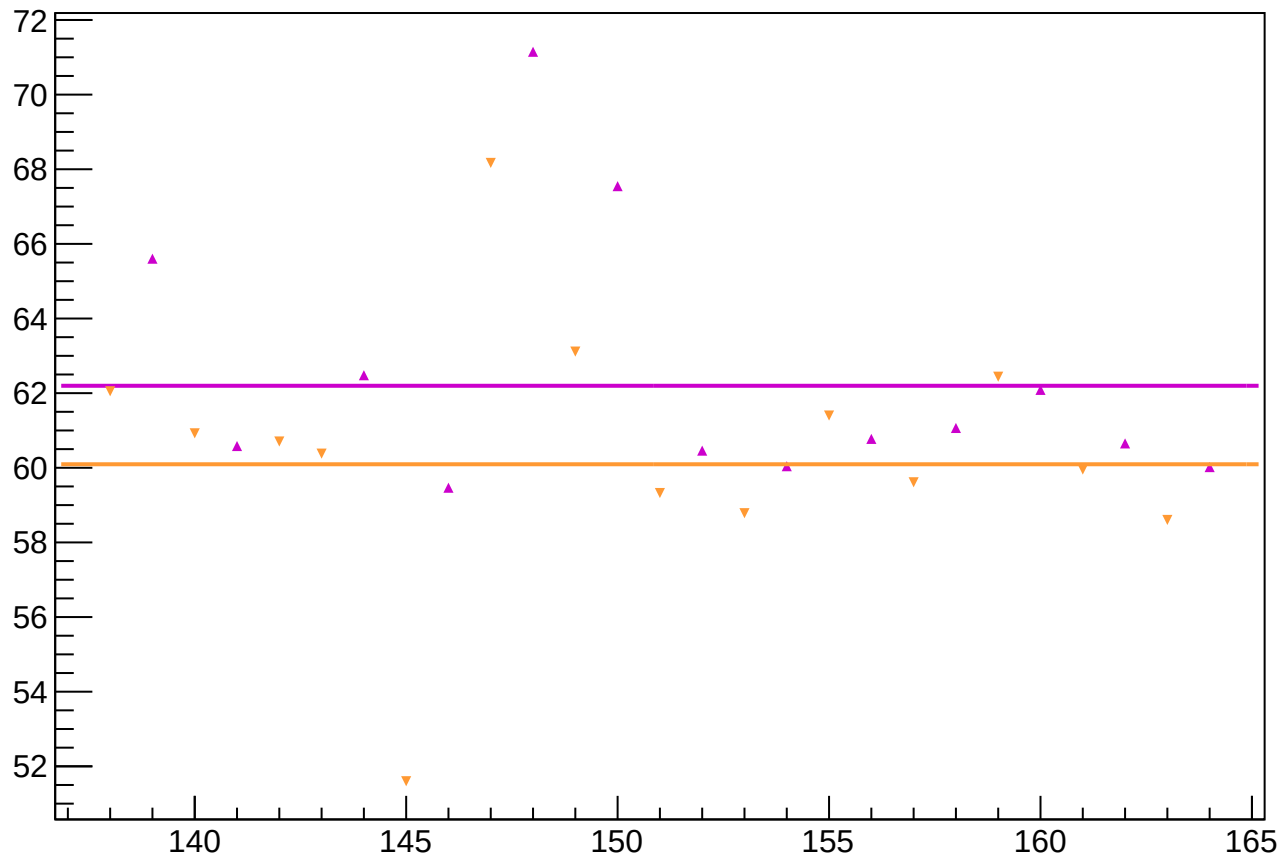
Left In: 112.242 $\pm$ 19.340 χ^2 /NDF:6.9/12

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

All: 3.600 $\pm$ 13.386 χ^2 /NDF: 91.9/26

- sign 0.000 $\pm$ 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: 60.094+/-0.013 χ^2/NDF : 74314.8/13

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

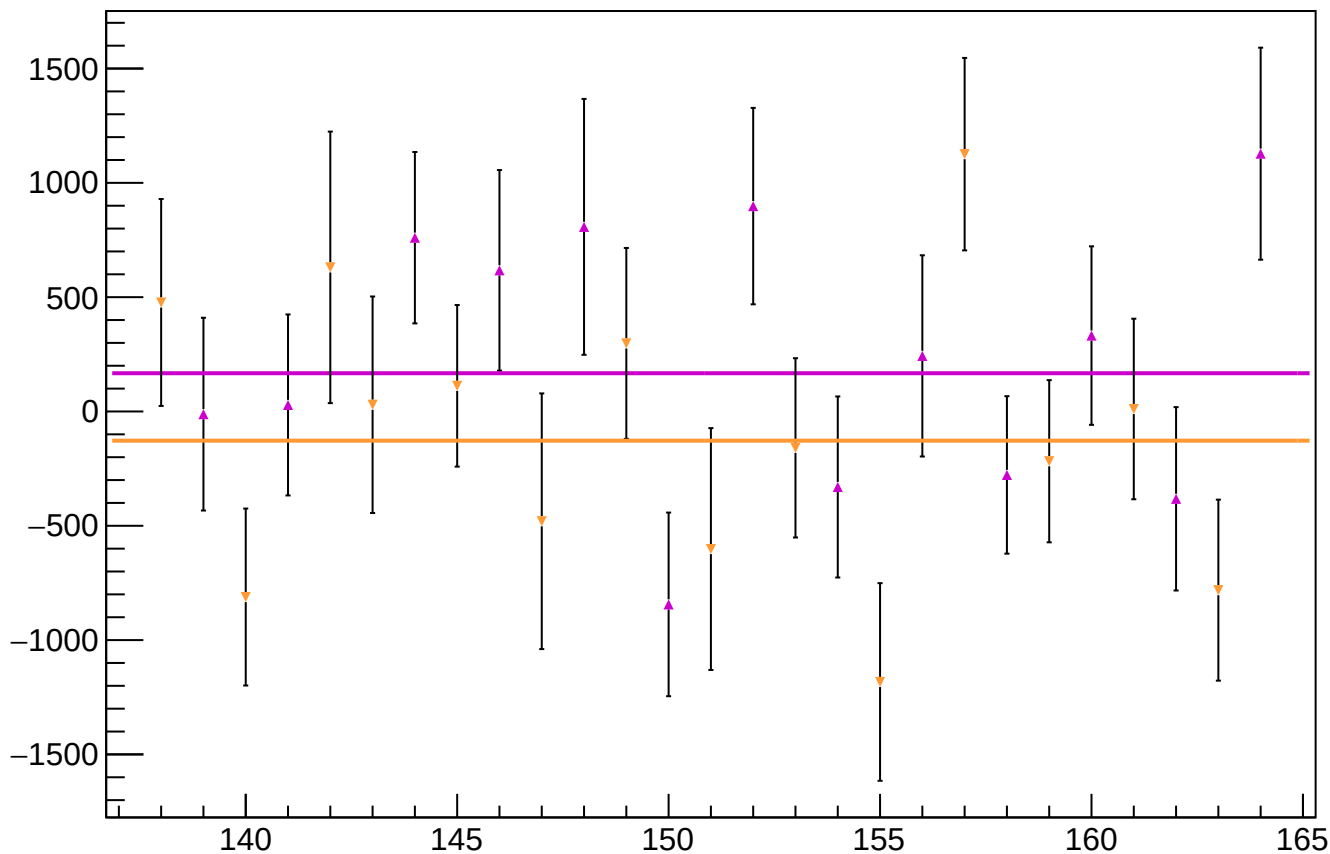
Left In: 62.198+/-0.014 χ^2/NDF : 52828.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.102+/-0.009 χ^2/NDF : 139465.9/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -127.726 $\pm$ 113.511 χ^2 /NDF: 27.1/13

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

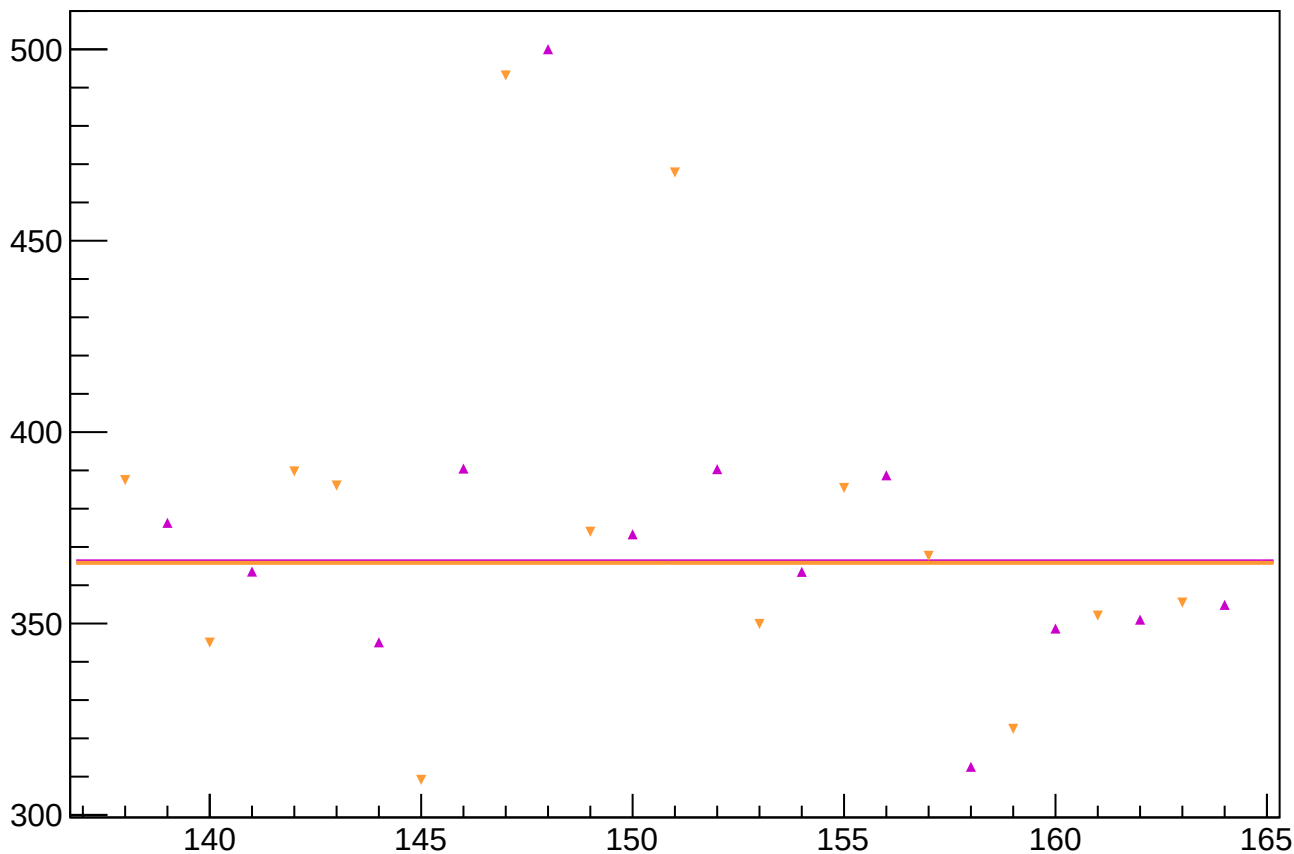
Left In: 167.301 $\pm$ 114.303 χ^2 /NDF: 24.0/12

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

All: 18.761 $\pm$ 80.543 χ^2 /NDF: 54.5/26

- sign 0.000 $\pm$ 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: 365.858+/-0.080 χ^2/NDF : 288618.0/13

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

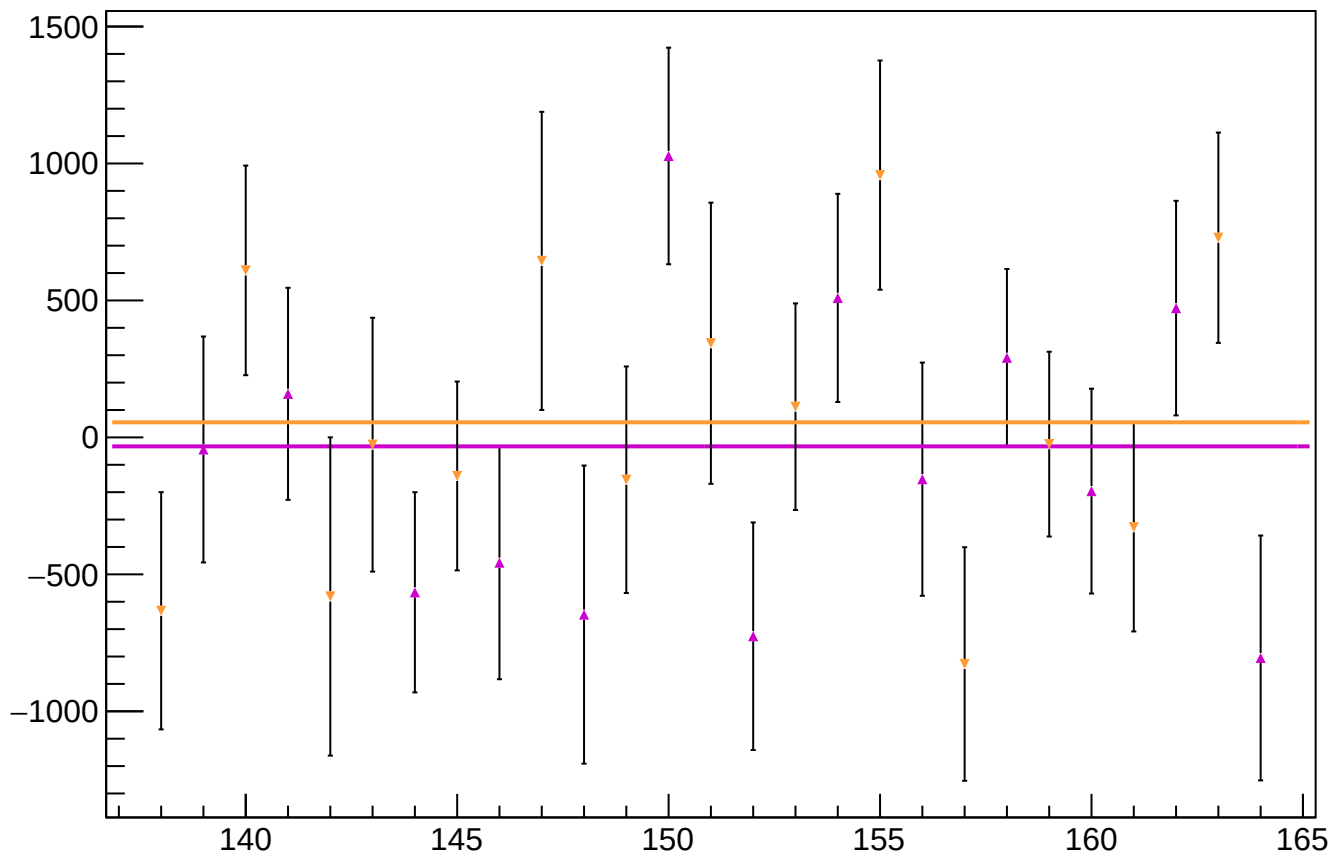
Left In: 366.243+/-0.081 χ^2/NDF : 196970.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.049+/-0.057 χ^2/NDF : 485600.1/26

- 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: 55.056 $\pm$ 110.474 χ^2 /NDF:21.0/13

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

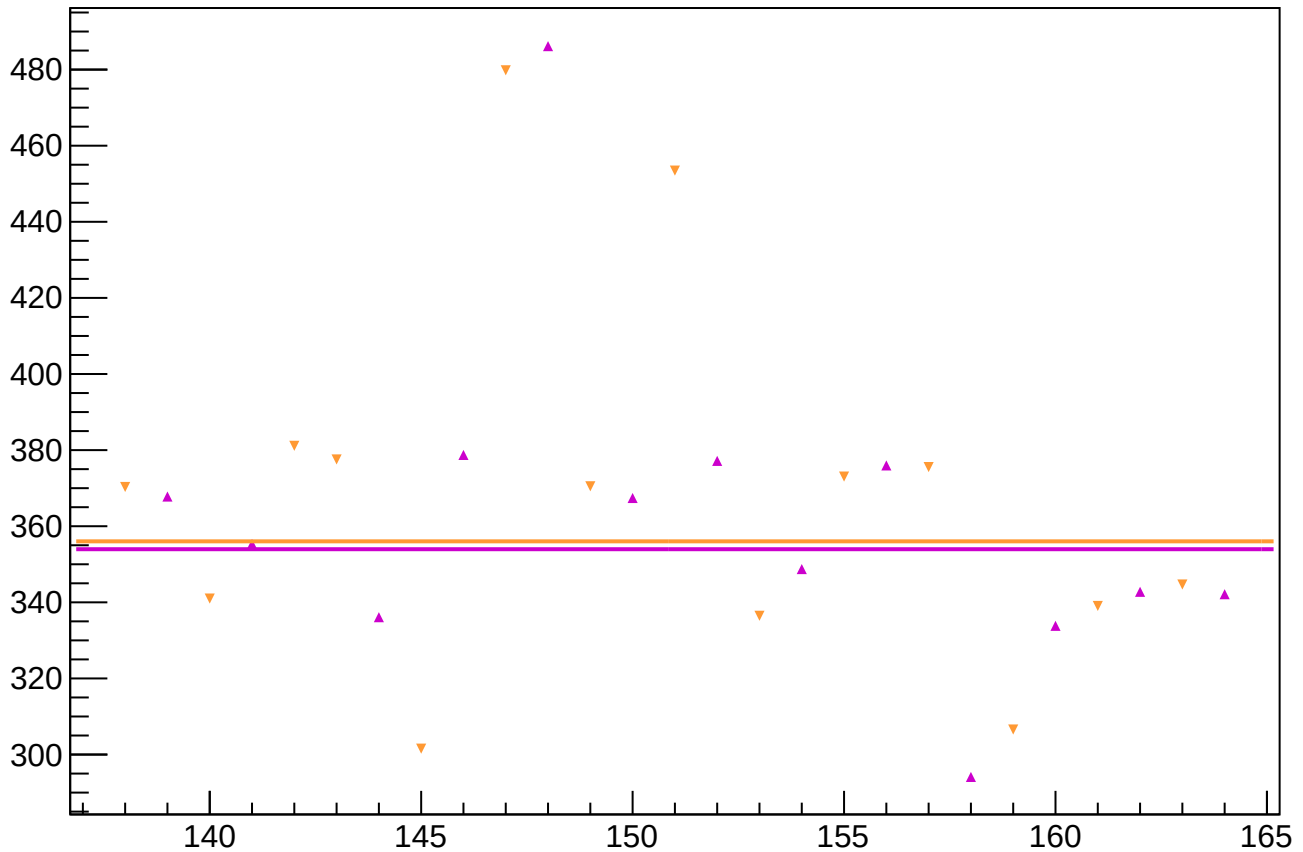
Left In: -32.769 $\pm$ 110.581 χ^2 /NDF:22.6/12

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

All: 11.186 $\pm$ 78.155 χ^2 /NDF: 43.9/26

- 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: 356.028+/-0.078 χ^2/NDF : 302847.9/13

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

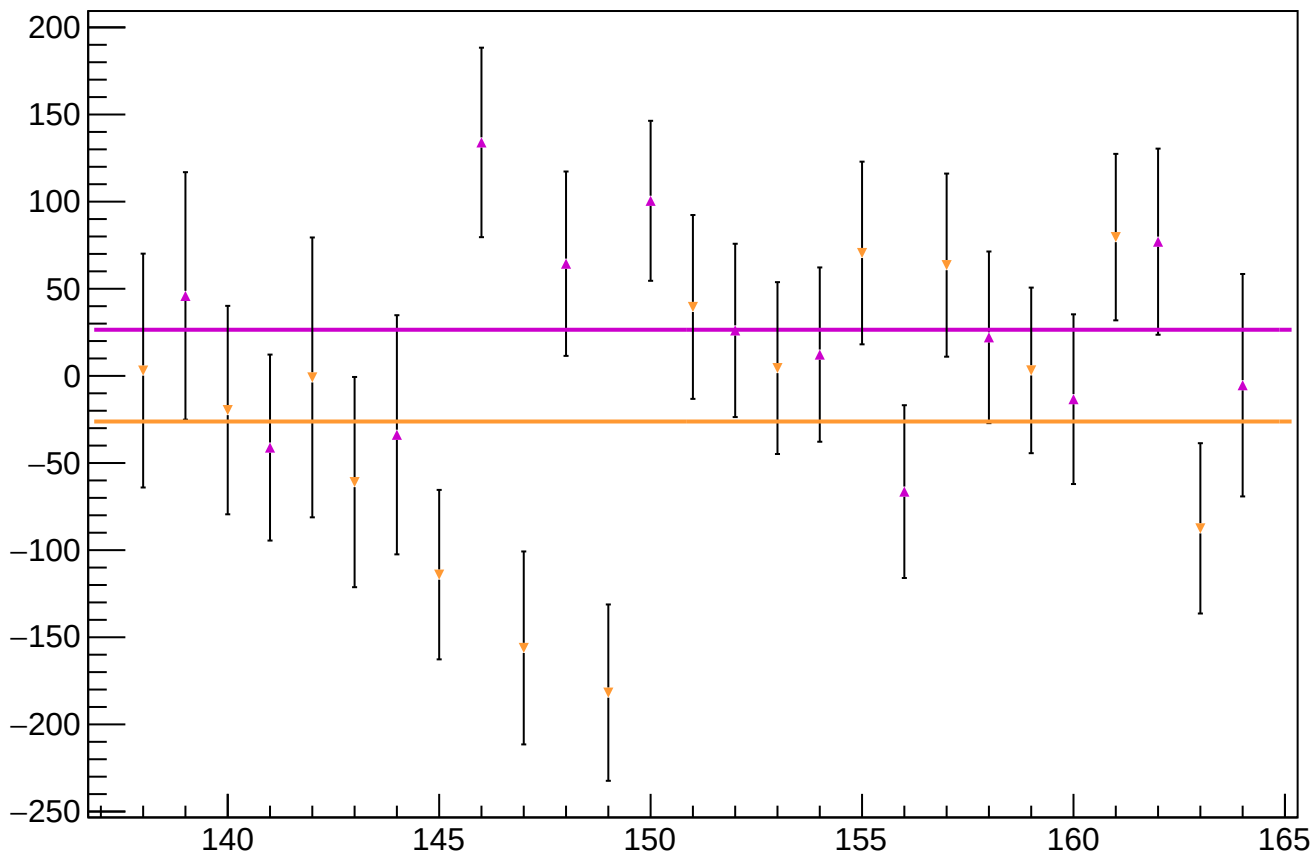
Left In: 353.960+/-0.078 χ^2/NDF : 223180.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.995+/-0.055 χ^2/NDF : 526379.0/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -26.177 ± 14.333 $\chi^2/\text{NDF}: 34.0/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

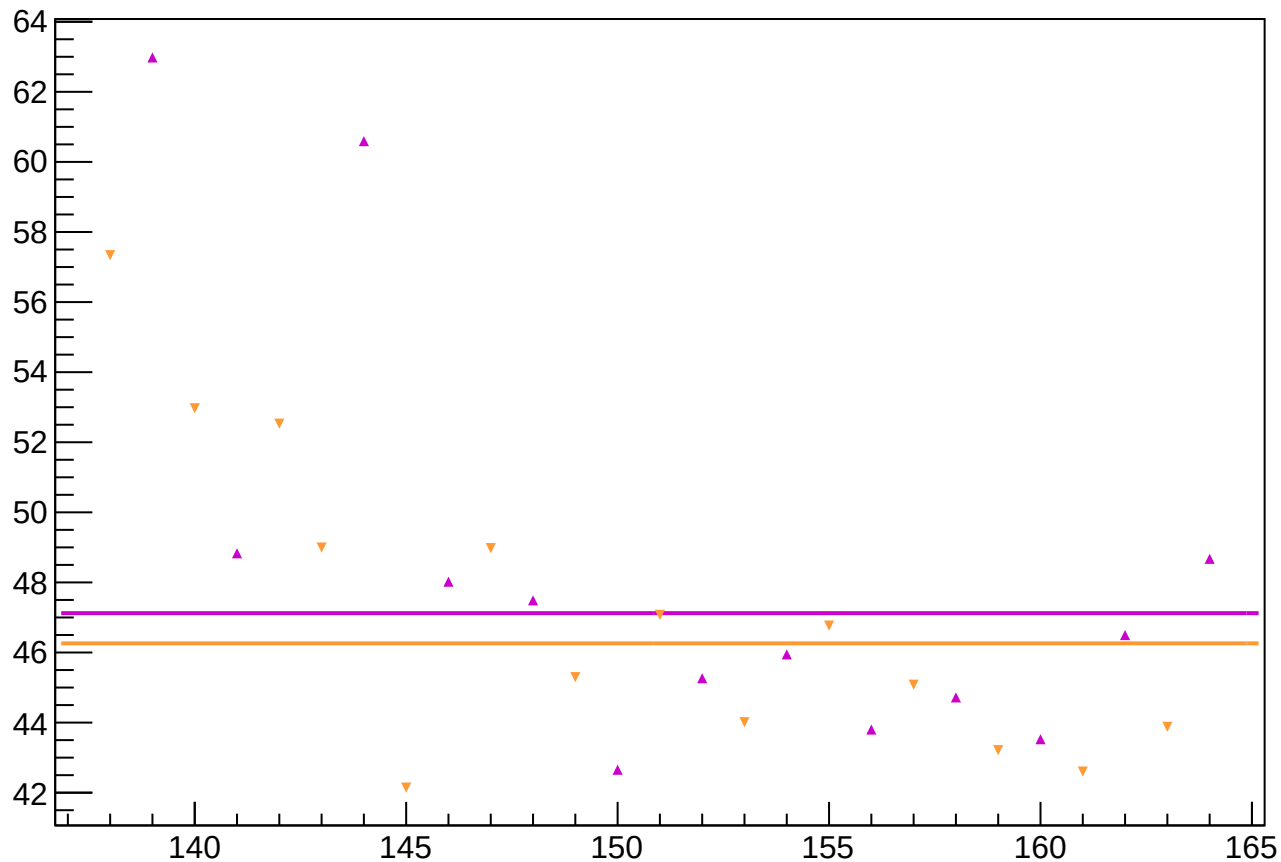
Left In: 26.478 ± 14.788 $\chi^2/\text{NDF}: 14.9/12$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.673 ± 10.292 $\chi^2/\text{NDF}: 55.4/26$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 46.262+/-0.010 χ^2/NDF :146396.6/13

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

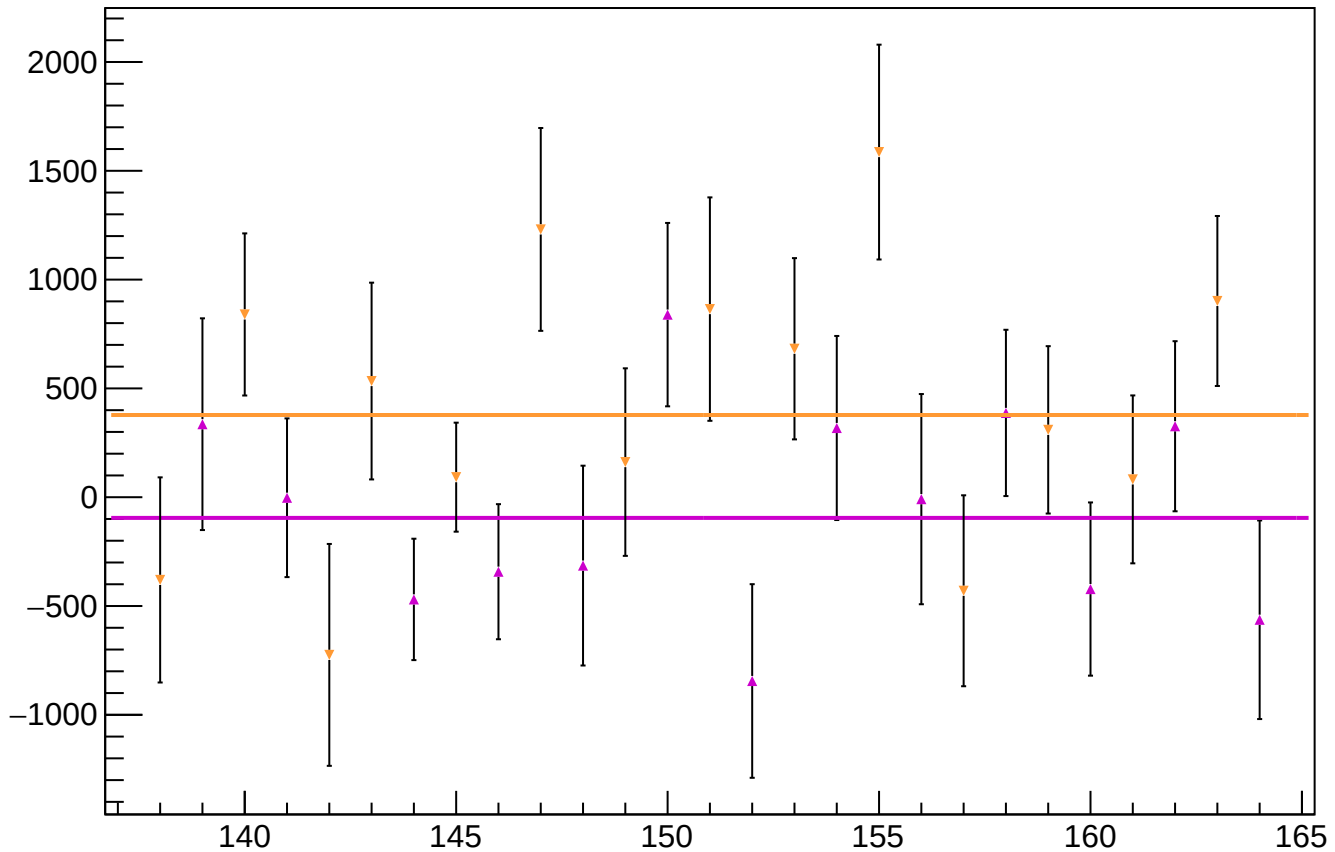
Left In: 47.123+/-0.010 χ^2/NDF :228427.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.679+/-0.007 χ^2/NDF : 378324.3/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_mean vs Slug



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

Left Out: 377.765+/-108.295 χ^2/NDF : 27.1/13

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

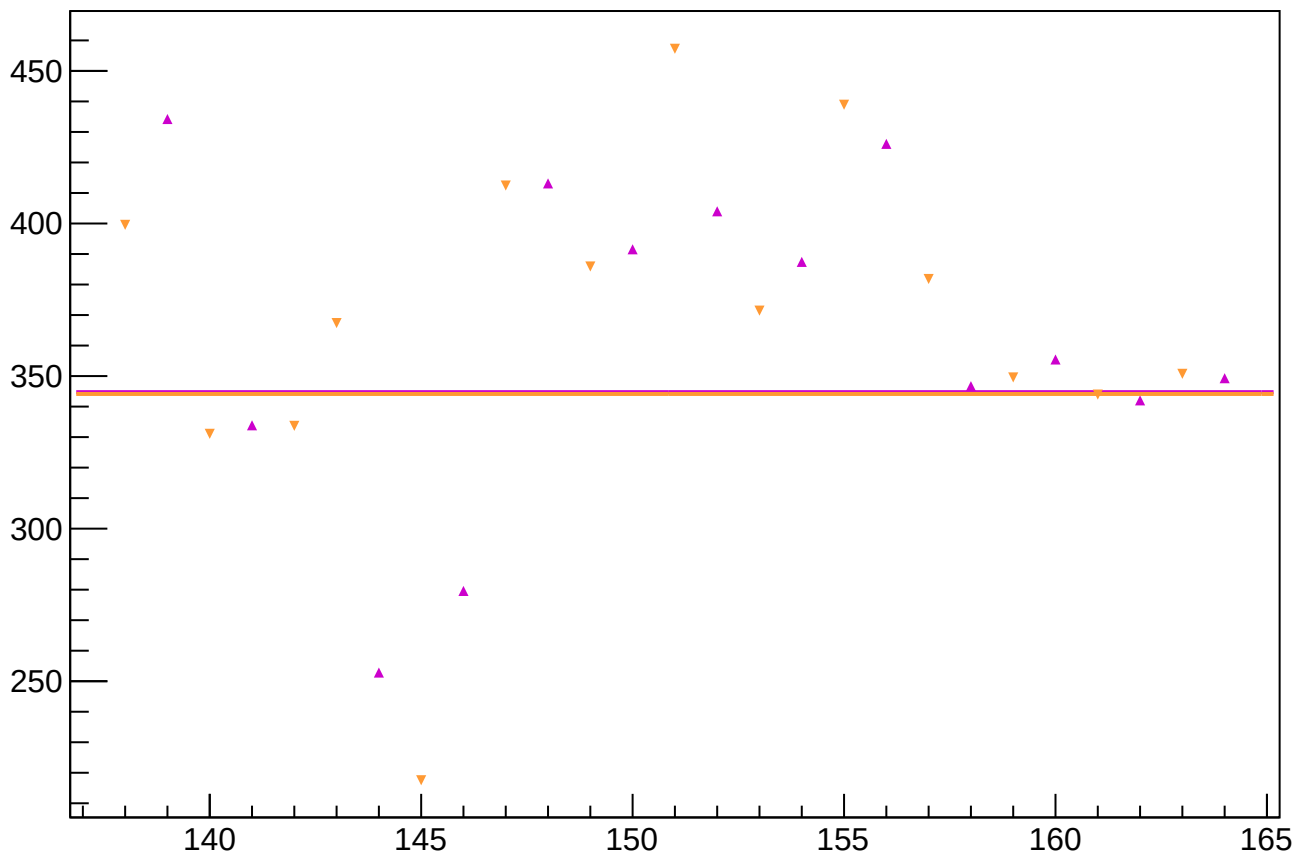
Left In: -95.076+/-108.597 χ^2/NDF : 16.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.003+/-76.682 χ^2/NDF : 53.3/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_rms vs Slug



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

Left Out: 344.139+/-0.077 χ^2/NDF : 804076.9/13

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

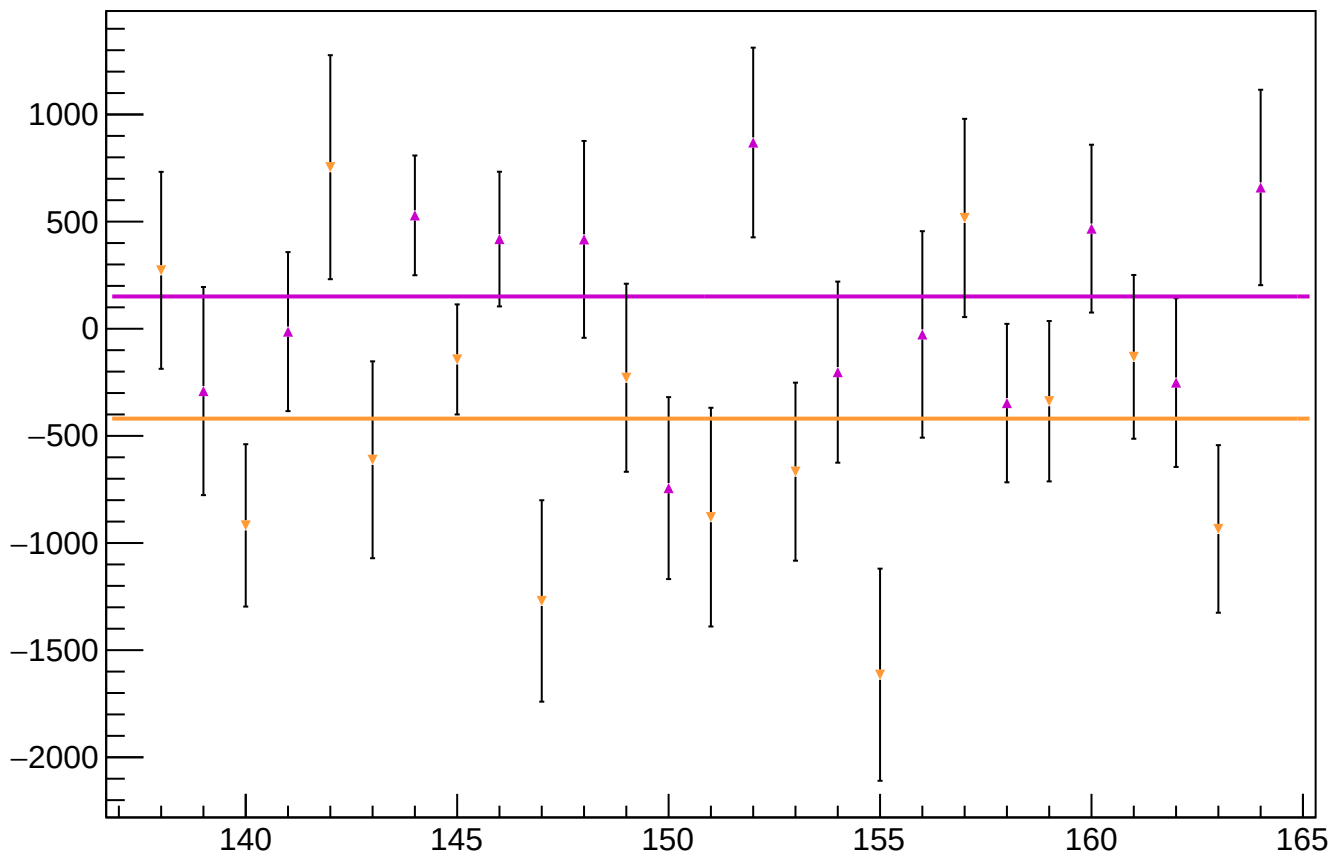
Left In: 344.730+/-0.077 χ^2/NDF : 558185.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.434+/-0.054 χ^2/NDF : 1362292.2/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -419.412+/-109.191 χ^2/NDF : 27.3/13

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

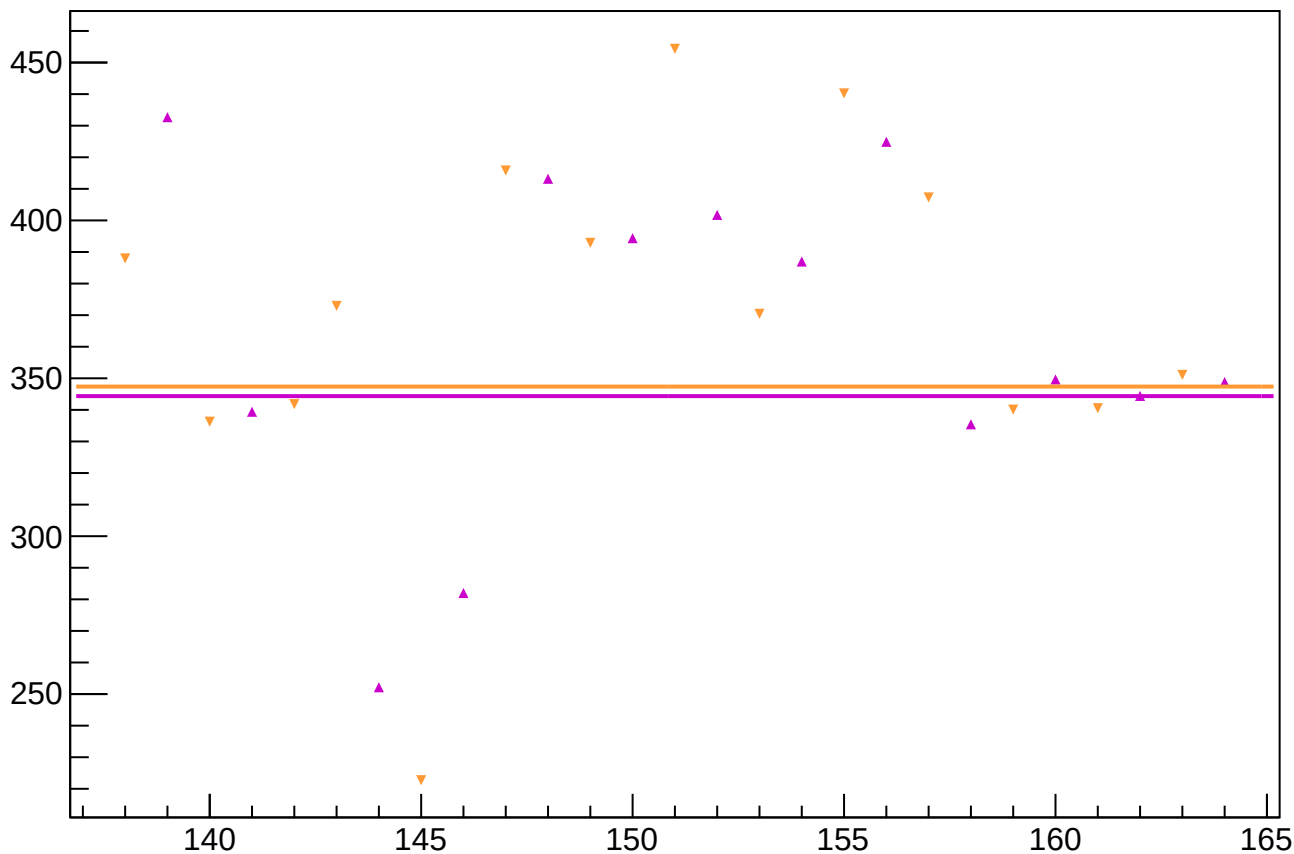
Left In: 150.737+/-108.585 χ^2/NDF : 16.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.751+/-76.995 χ^2/NDF : 57.6/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 347.379+/-0.077 χ^2/NDF : 758157.4/13

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

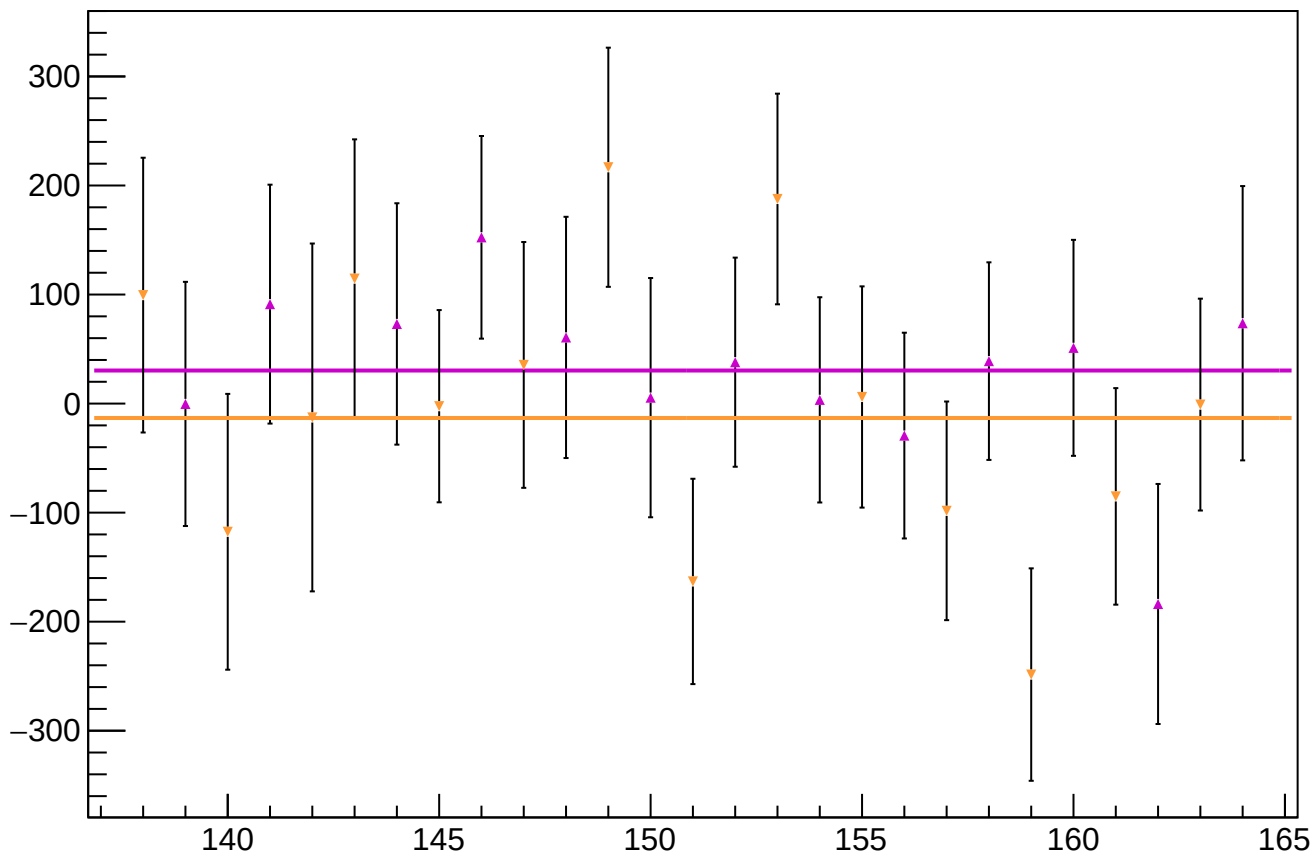
Left In: 344.357+/-0.077 χ^2/NDF : 547198.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.860+/-0.054 χ^2/NDF : 1306126.2/26

- 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: -13.213 $\pm$ 28.329 χ^2 /NDF:21.1/13

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

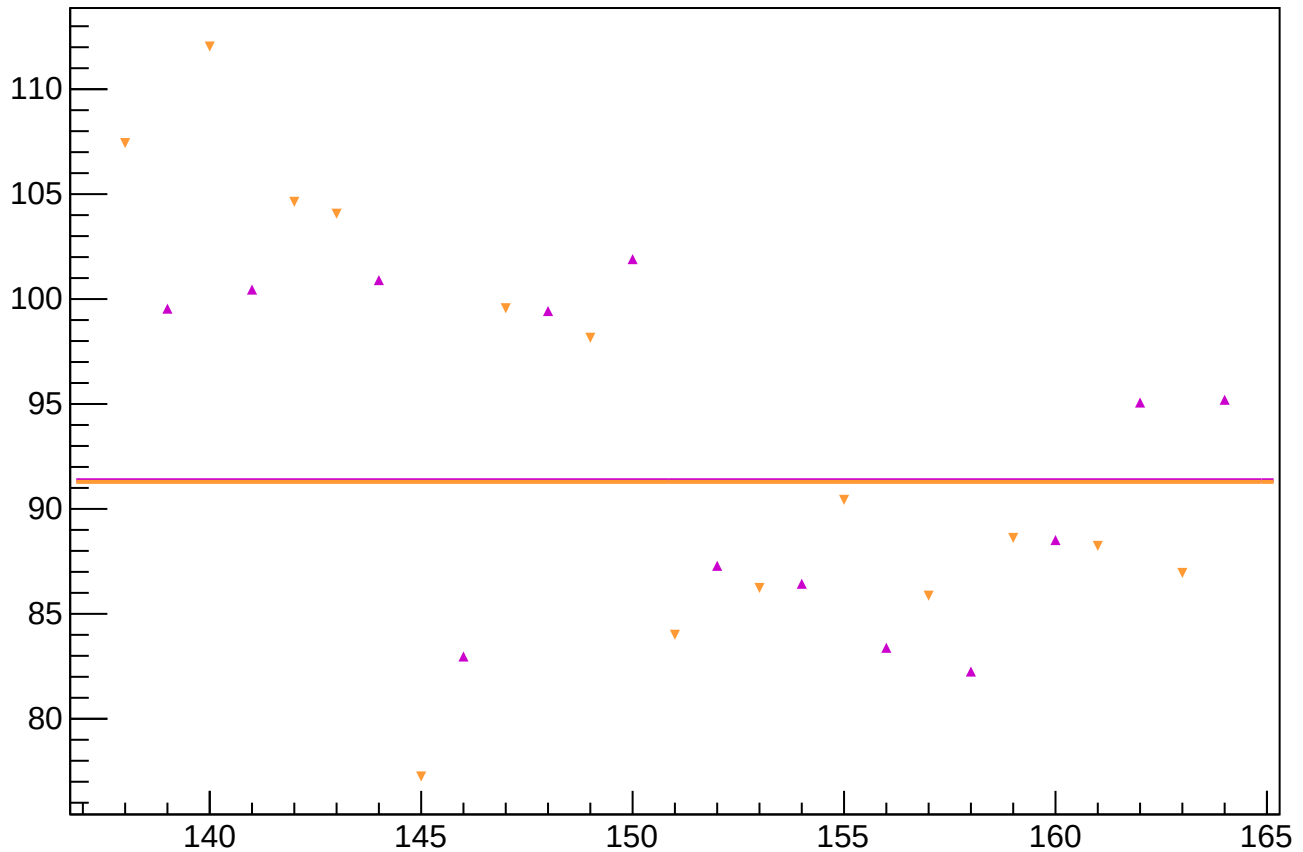
Left In: 30.329 $\pm$ 28.526 χ^2 /NDF:6.8/12

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

All: 8.407 $\pm$ 20.101 χ^2 /NDF: 29.1/26

- 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: 91.289+/-0.020 χ^2/NDF :220812.1/13

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

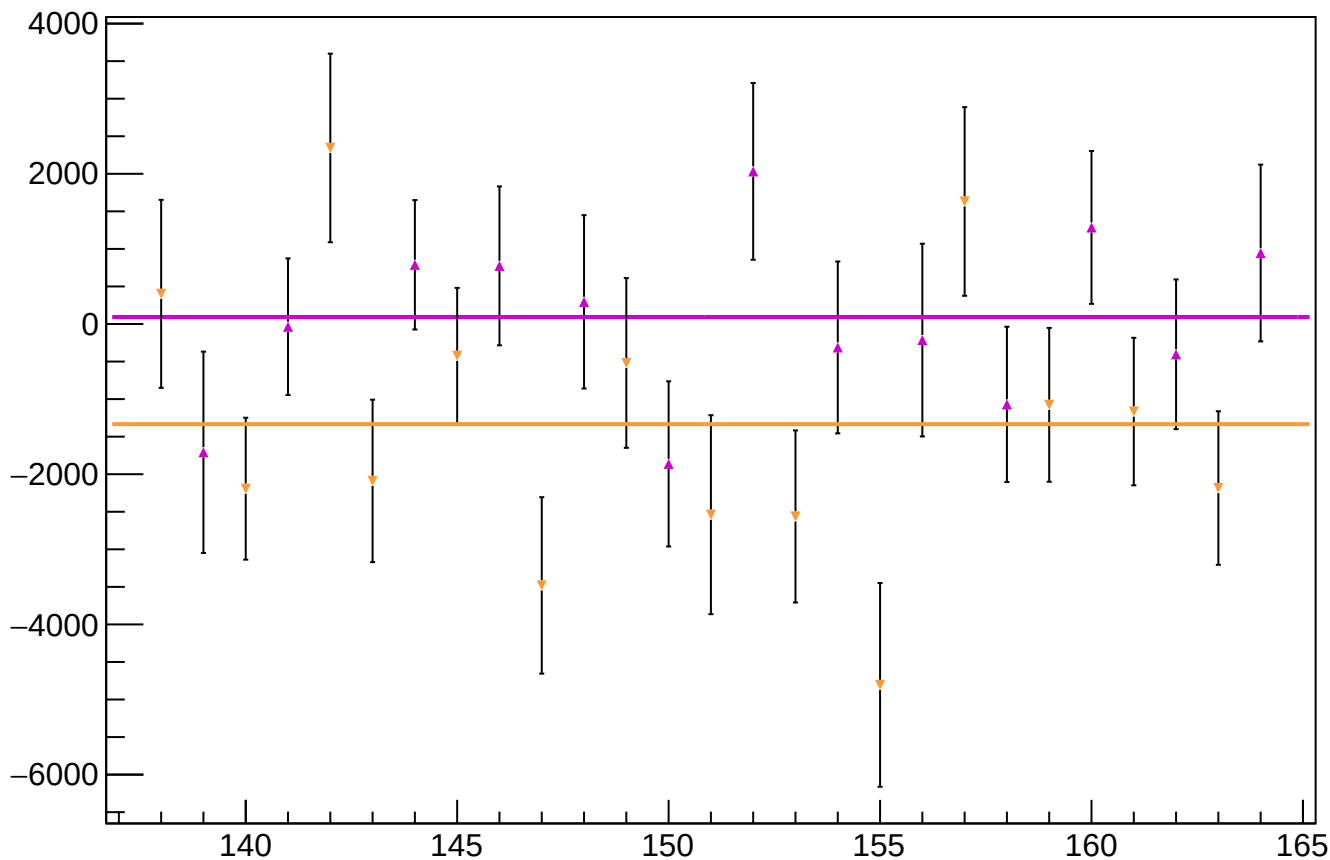
Left In: 91.367+/-0.020 χ^2/NDF :134132.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.327+/-0.014 χ^2/NDF : 354951.9/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug



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

Left Out: -1333.050+/-295.709 χ^2/NDF :31.6/13

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

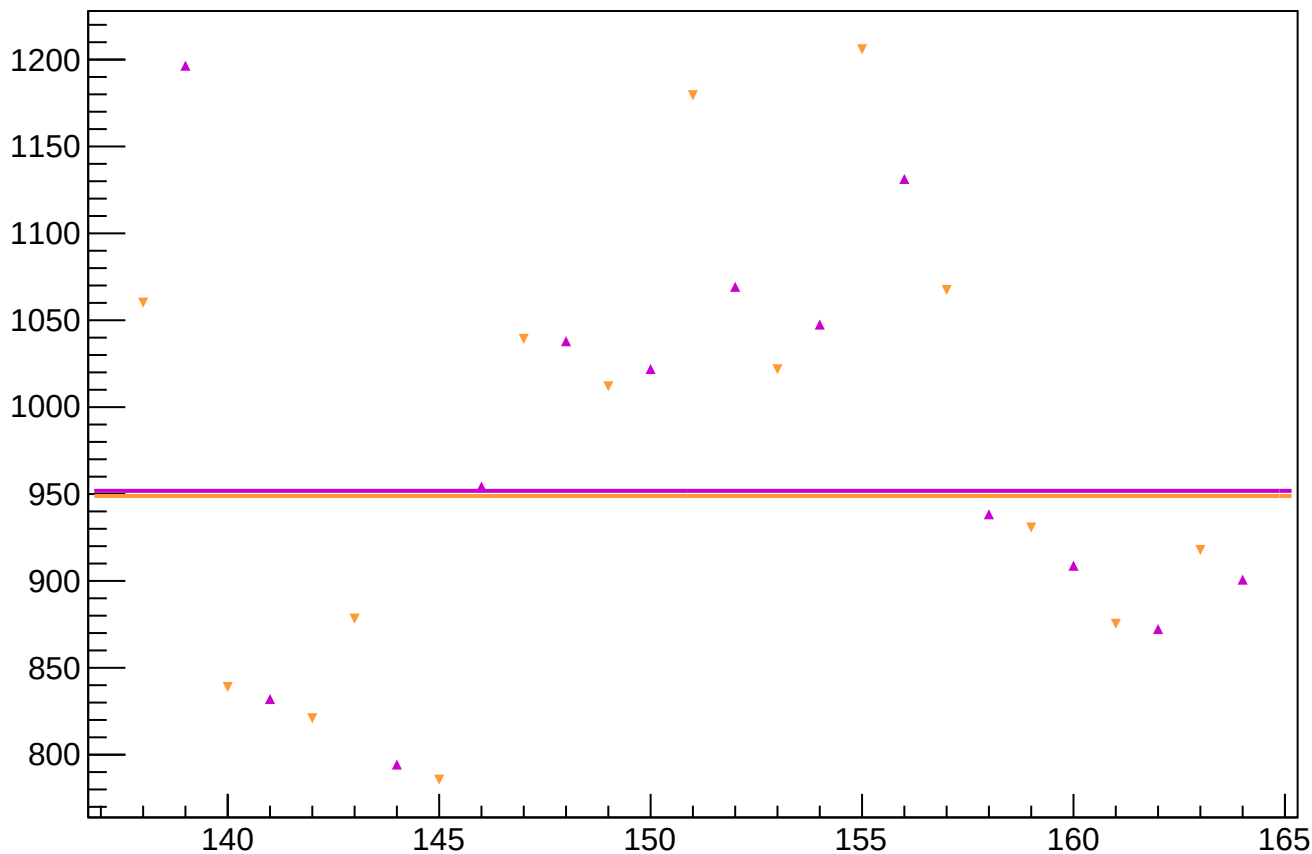
Left In: 93.533+/-297.412 χ^2/NDF :12.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -623.855+/-209.697 χ^2/NDF : 55.5/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_correction_rms vs Slug



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

Left Out: 948.863+/-0.209 χ^2/NDF : 327467.5/13

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

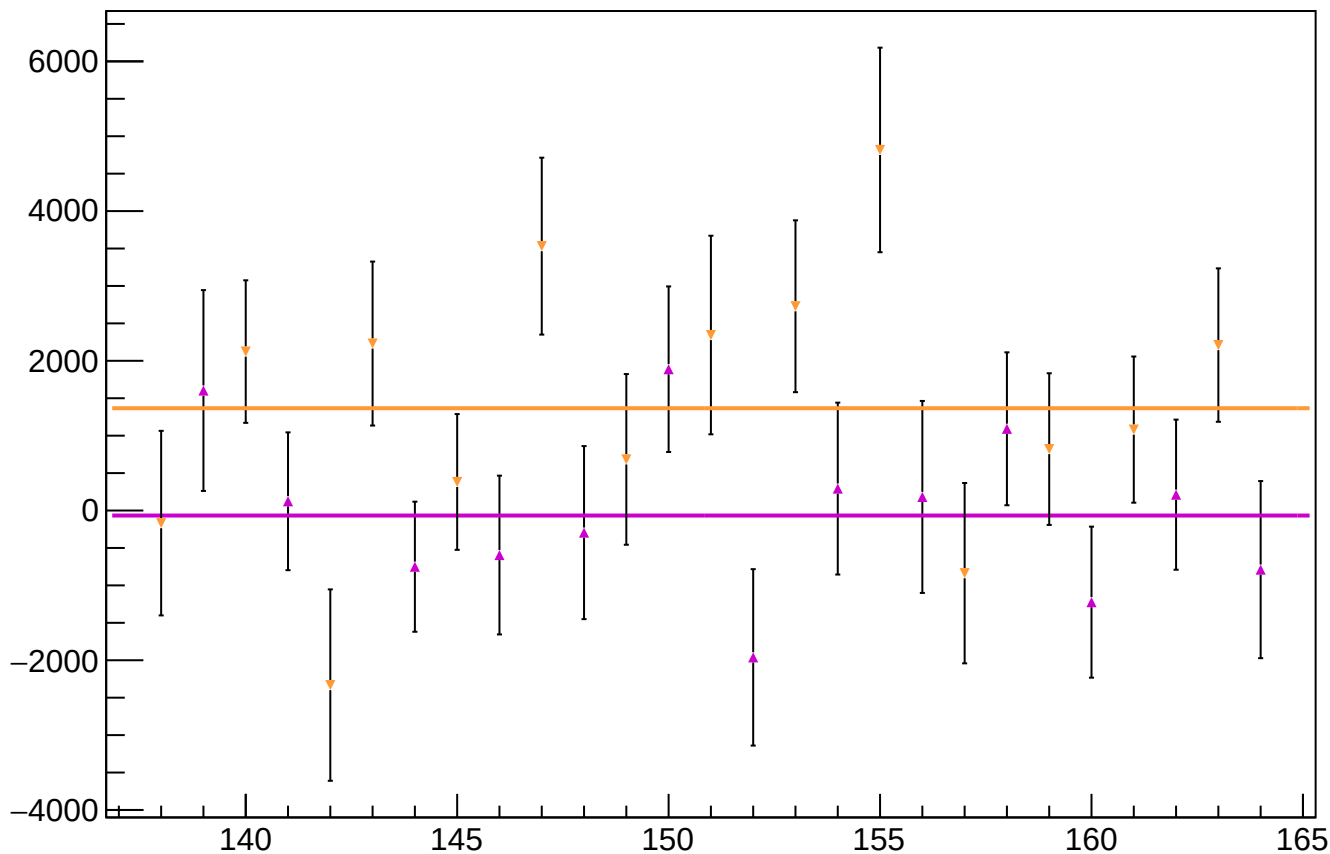
Left In: 951.835+/-0.210 χ^2/NDF : 280752.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 950.340+/-0.148 χ^2/NDF : 608320.1/26

- 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: 1366.667+/-295.701 χ^2/NDF : 28.8/13

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

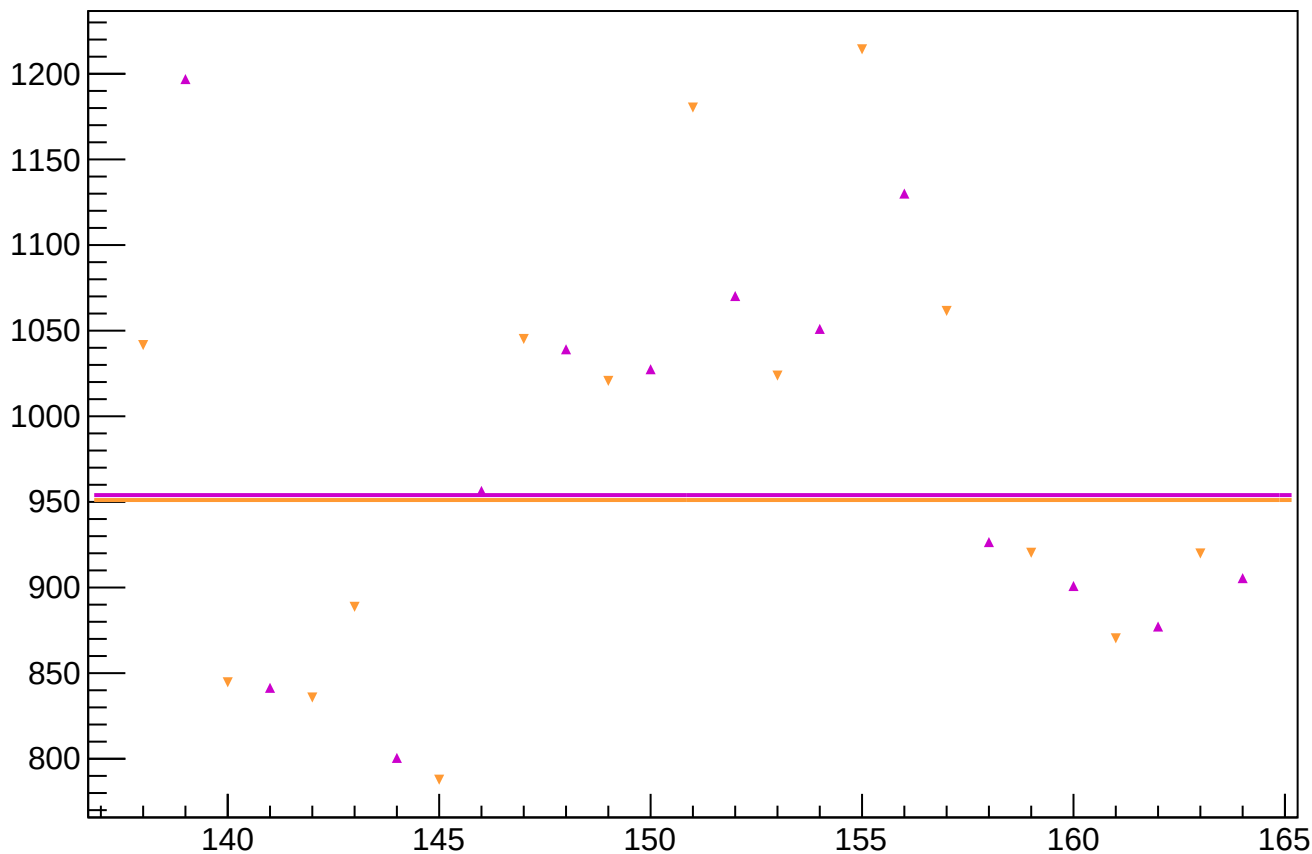
Left In: -66.896+/-298.088 χ^2/NDF : 11.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 655.650+/-209.931 χ^2/NDF : 51.9/26

- 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: 951.093+/-0.209 χ^2/NDF : 319652.8/13

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

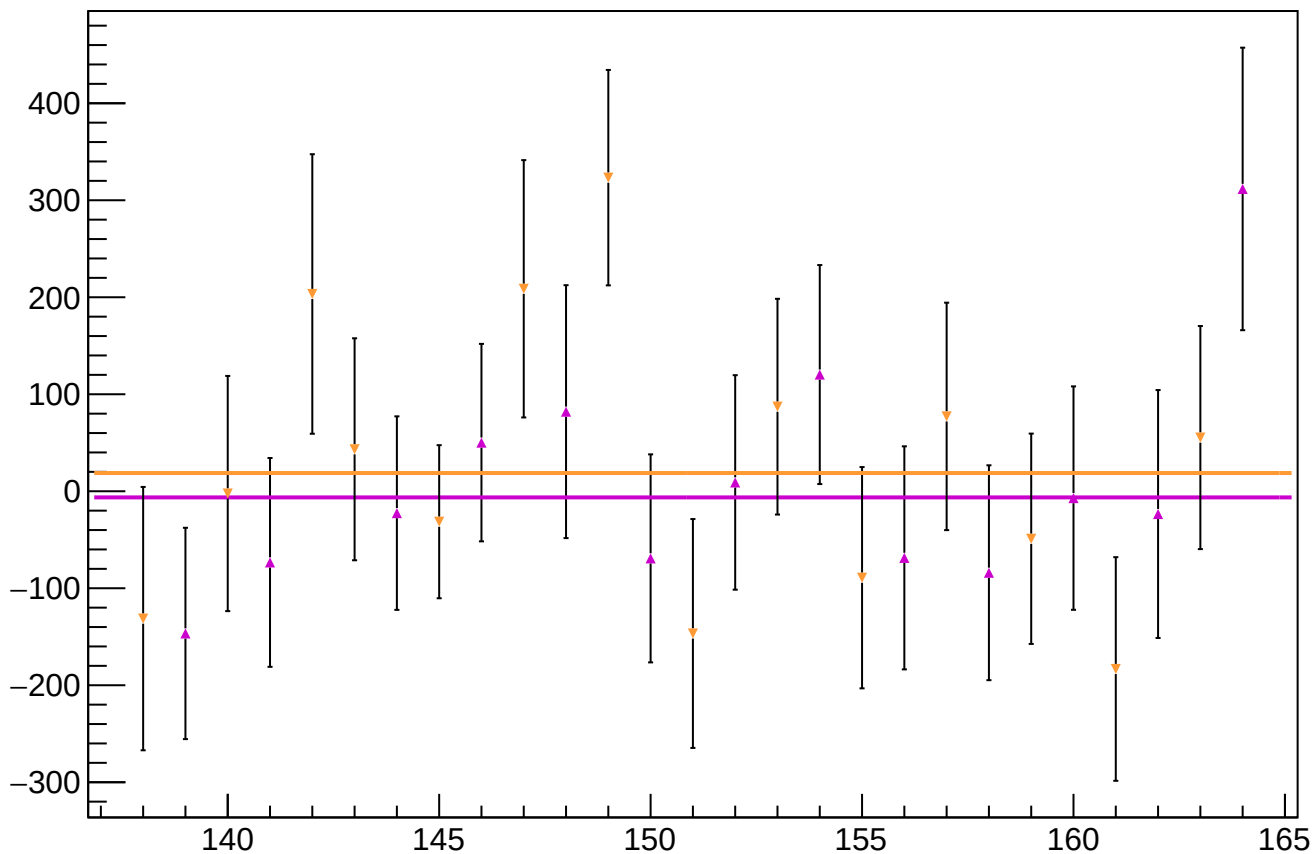
Left In: 953.978+/-0.211 χ^2/NDF : 271135.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 952.524+/-0.148 χ^2/NDF : 590883.0/26

- 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: 18.785 $\pm$ 30.379 χ^2/NDF : 20.0/13

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

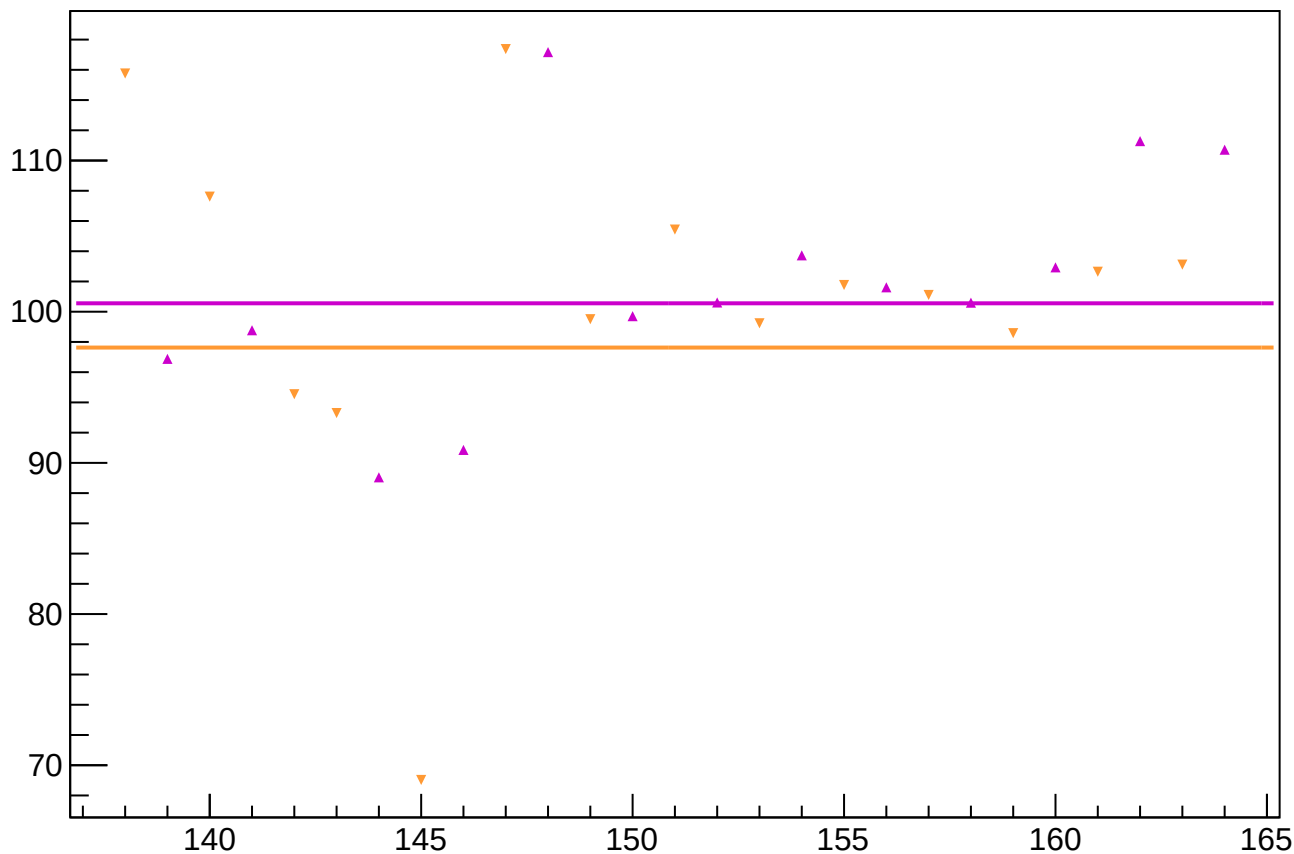
Left In: -6.342 $\pm$ 31.396 χ^2/NDF : 10.0/12

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

All: 6.635 $\pm$ 21.832 χ^2/NDF : 30.3/26

- 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: 97.628+/-0.021 χ^2/NDF : 382706.2/13

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

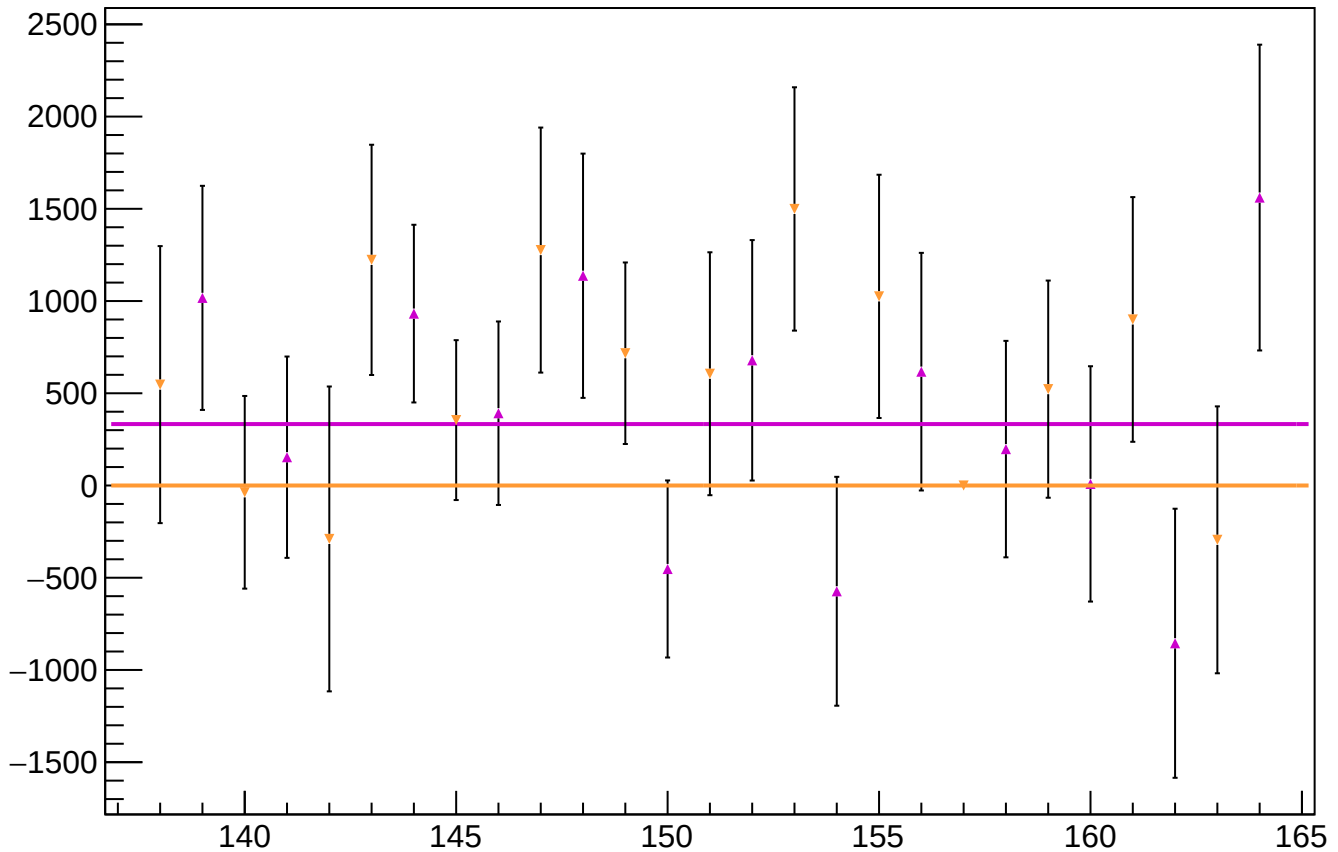
Left In: 100.556+/-0.022 χ^2/NDF : 106652.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.044+/-0.015 χ^2/NDF : 498342.7/26

- 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 : 22.2/13

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

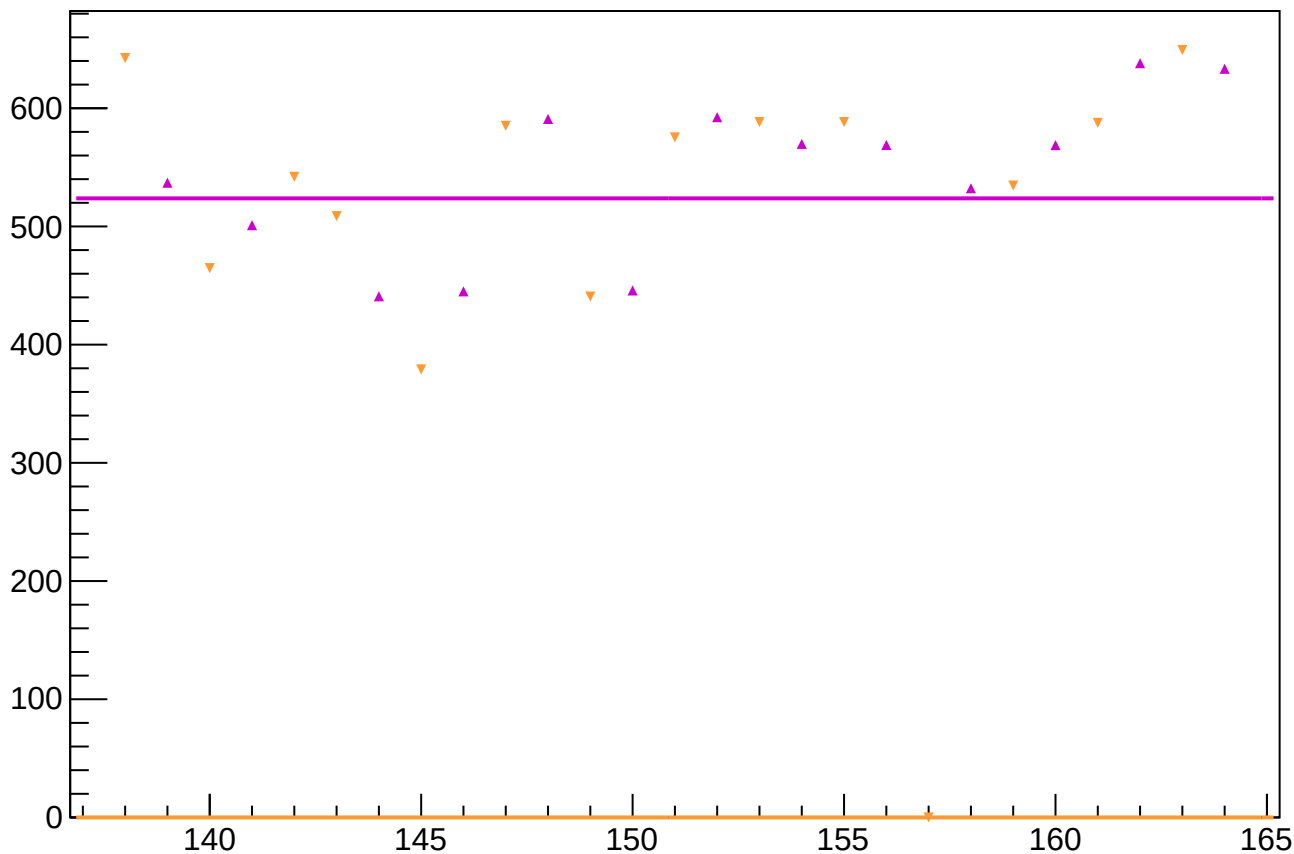
Left In: 332.978+/-164.170 χ^2/NDF : 14.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.2/26

- 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 :19462655.8/13

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

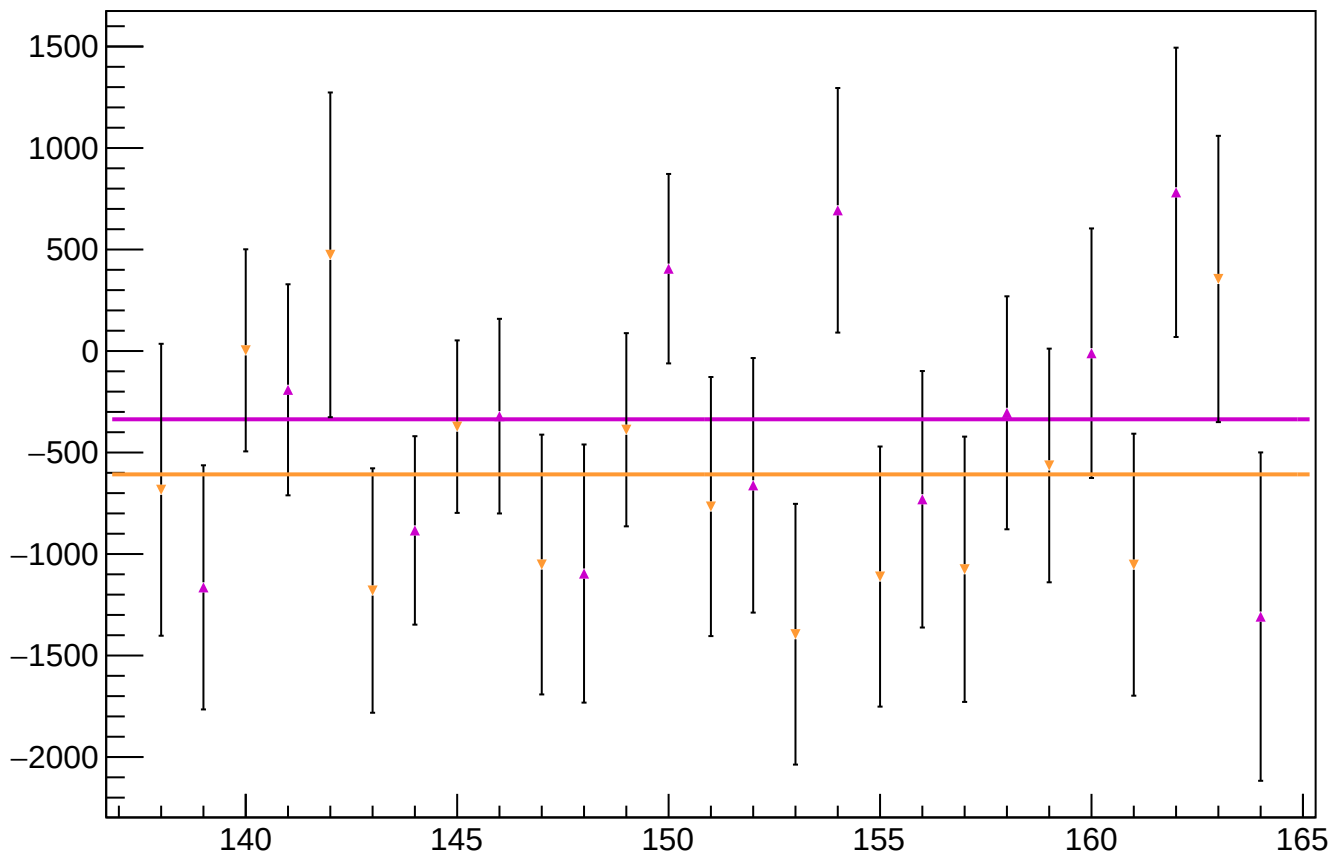
Left In: 523.761+/-0.116 χ^2/NDF :324569.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 40144065.7/26

- 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: -607.642+/-158.548 χ^2/NDF : 10.3/13

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

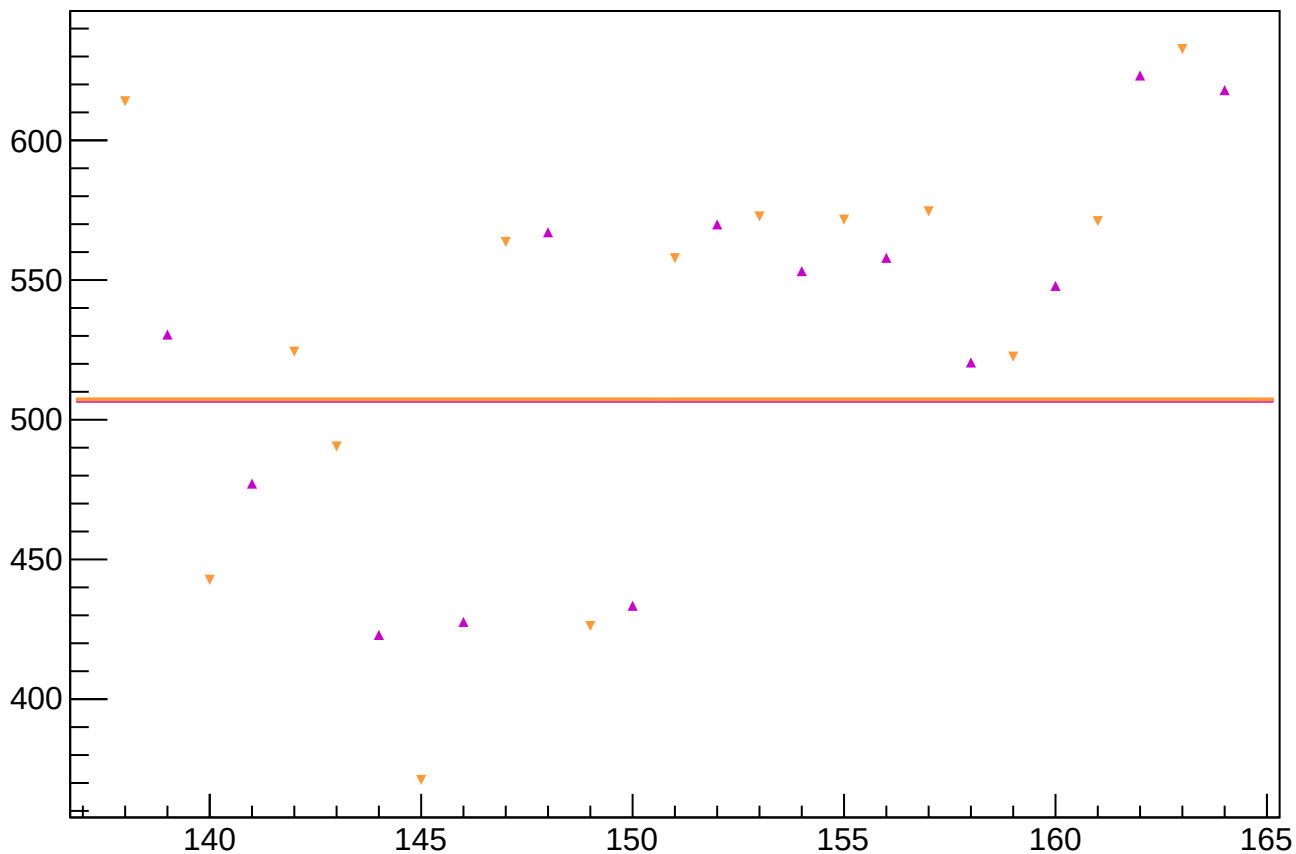
Left In: -336.339+/-159.091 χ^2/NDF : 15.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.454+/-112.302 χ^2/NDF : 26.8/26

- 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: 507.276+/-0.112 χ^2/NDF : 518215.9/13

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

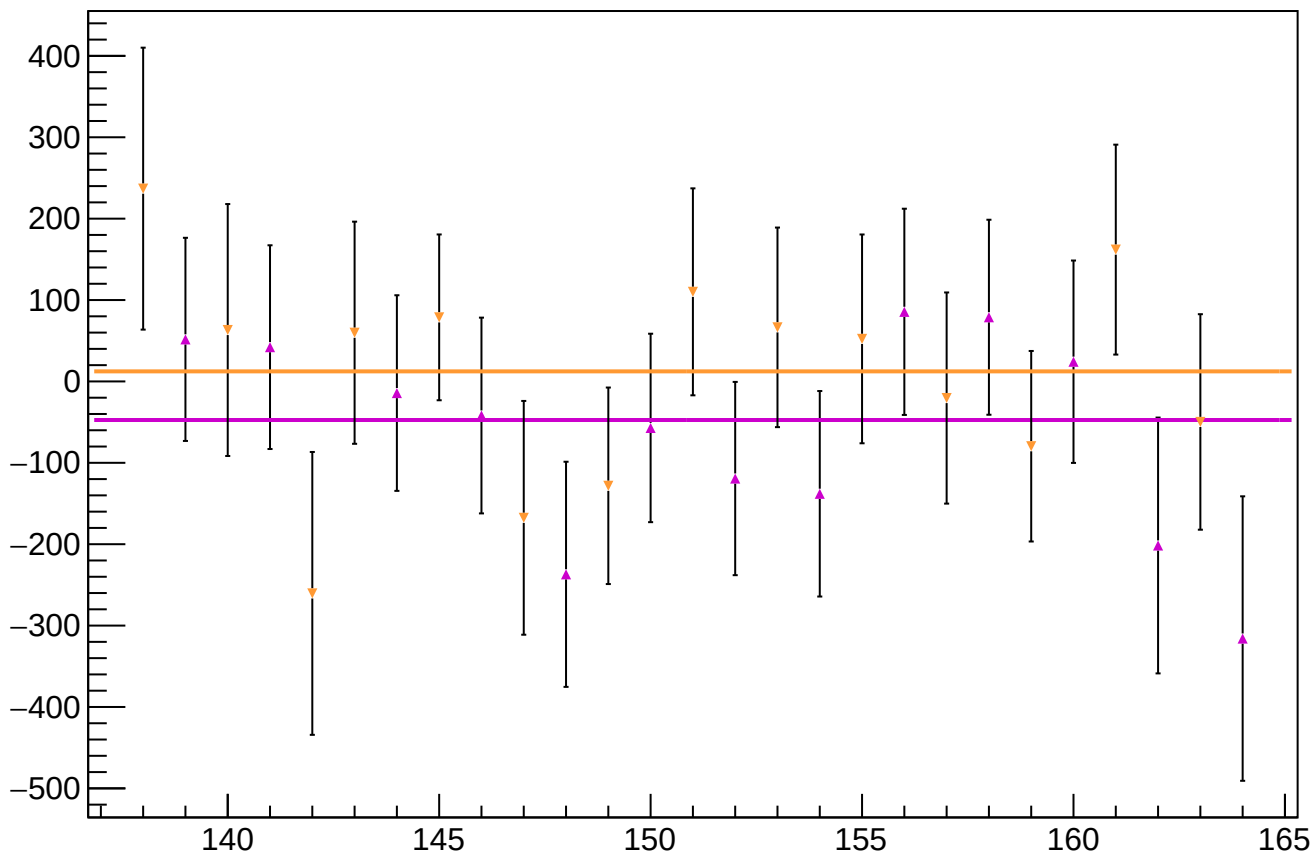
Left In: 506.815+/-0.112 χ^2/NDF : 343237.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.046+/-0.079 χ^2/NDF : 861461.8/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 12.360 $\pm$ 35.048 χ^2 /NDF:10.9/13

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

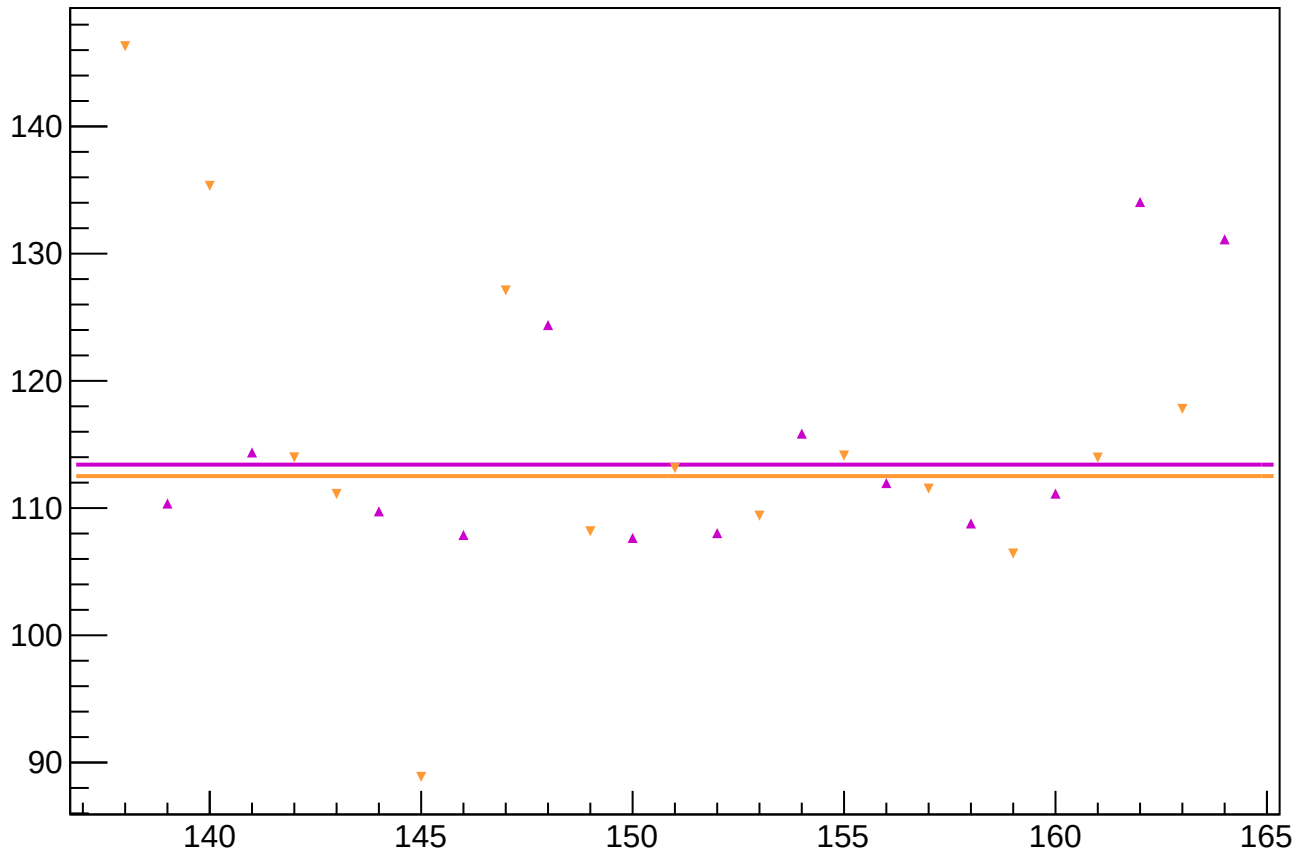
Left In: -47.398 $\pm$ 35.425 χ^2 /NDF:9.9/12

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

All: -17.199 $\pm$ 24.915 χ^2 /NDF: 22.1/26

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

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 112.513+/-0.025 χ^2/NDF : 261527.5/13

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

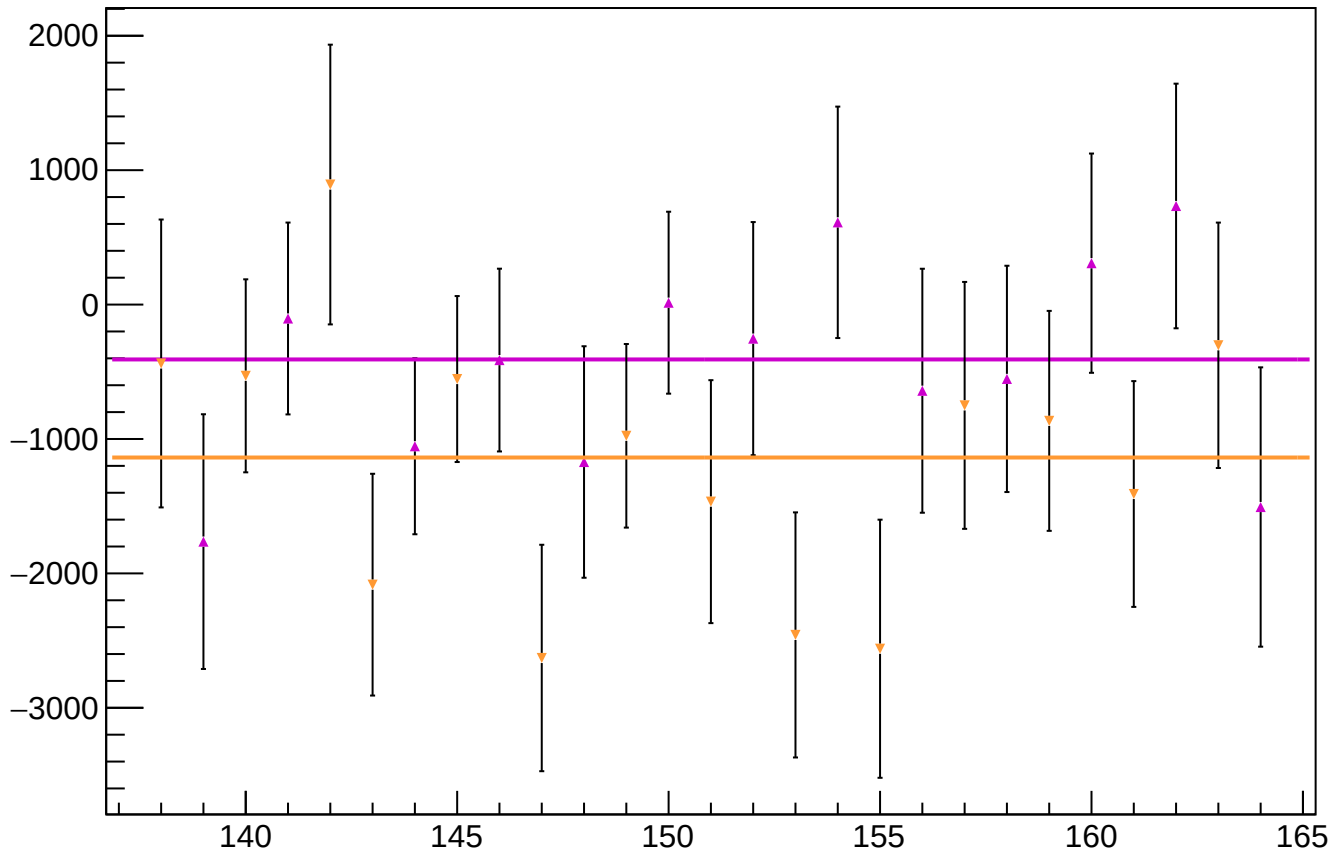
Left In: 113.415+/-0.025 χ^2/NDF : 88763.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.959+/-0.018 χ^2/NDF : 350946.4/26

- 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: -1137.807+/-222.564 χ^2/NDF : 16.0/13

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

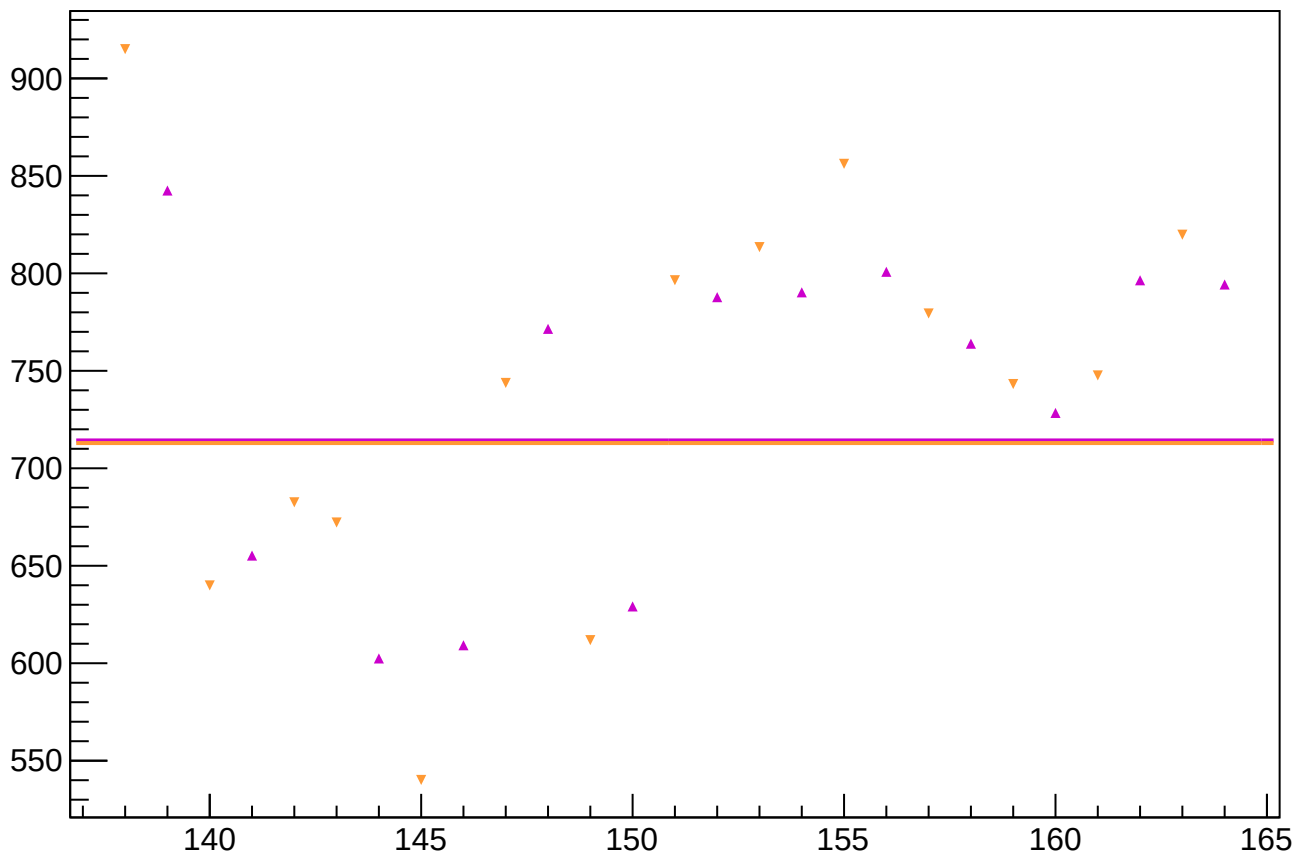
Left In: -408.179+/-223.369 χ^2/NDF : 9.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -774.309+/-157.660 χ^2/NDF : 30.7/26

- 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: 712.944+/-0.157 χ^2/NDF : 431547.1/13

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

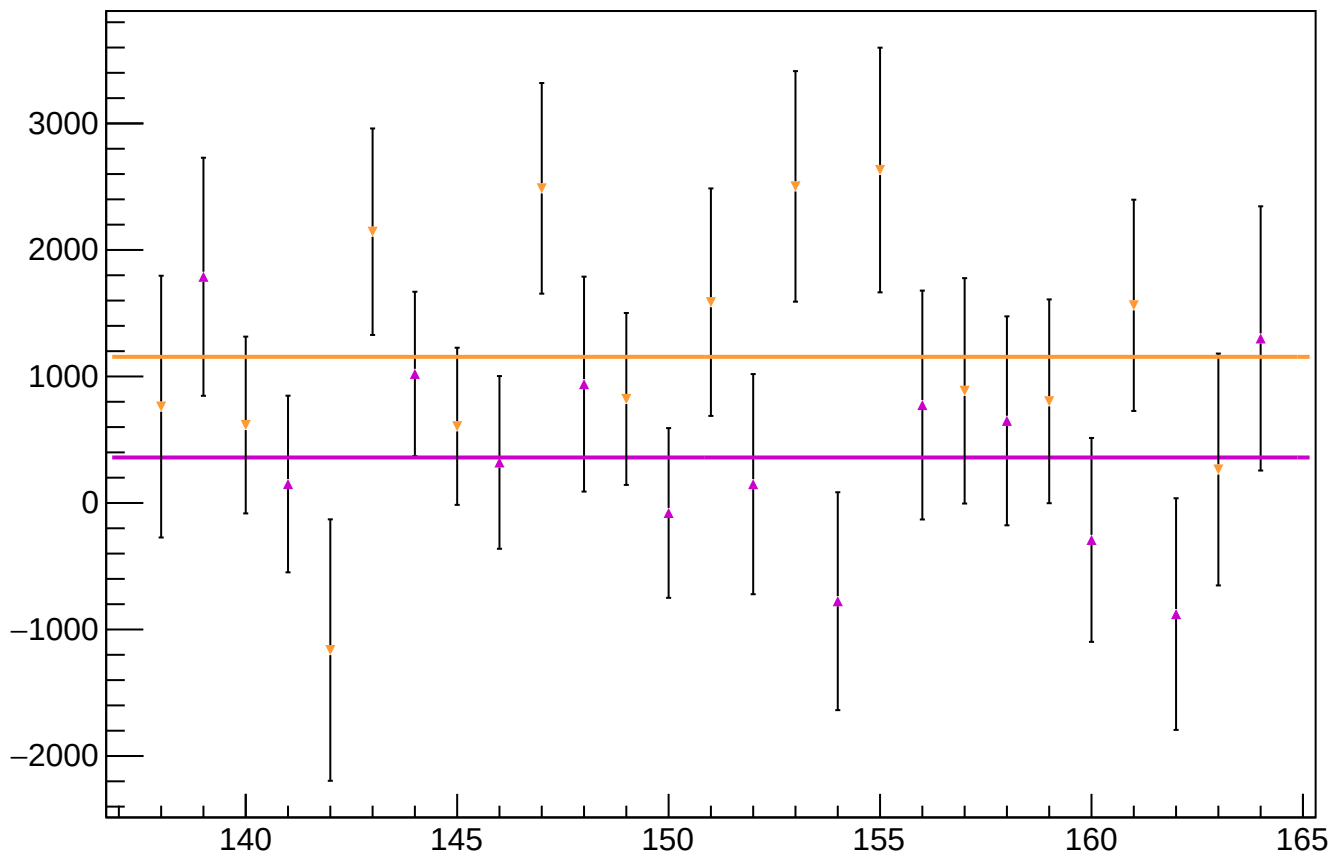
Left In: 714.286+/-0.158 χ^2/NDF : 280673.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.612+/-0.111 χ^2/NDF : 712256.5/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 1155.180+/-220.543 χ^2/NDF : 17.0/13

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

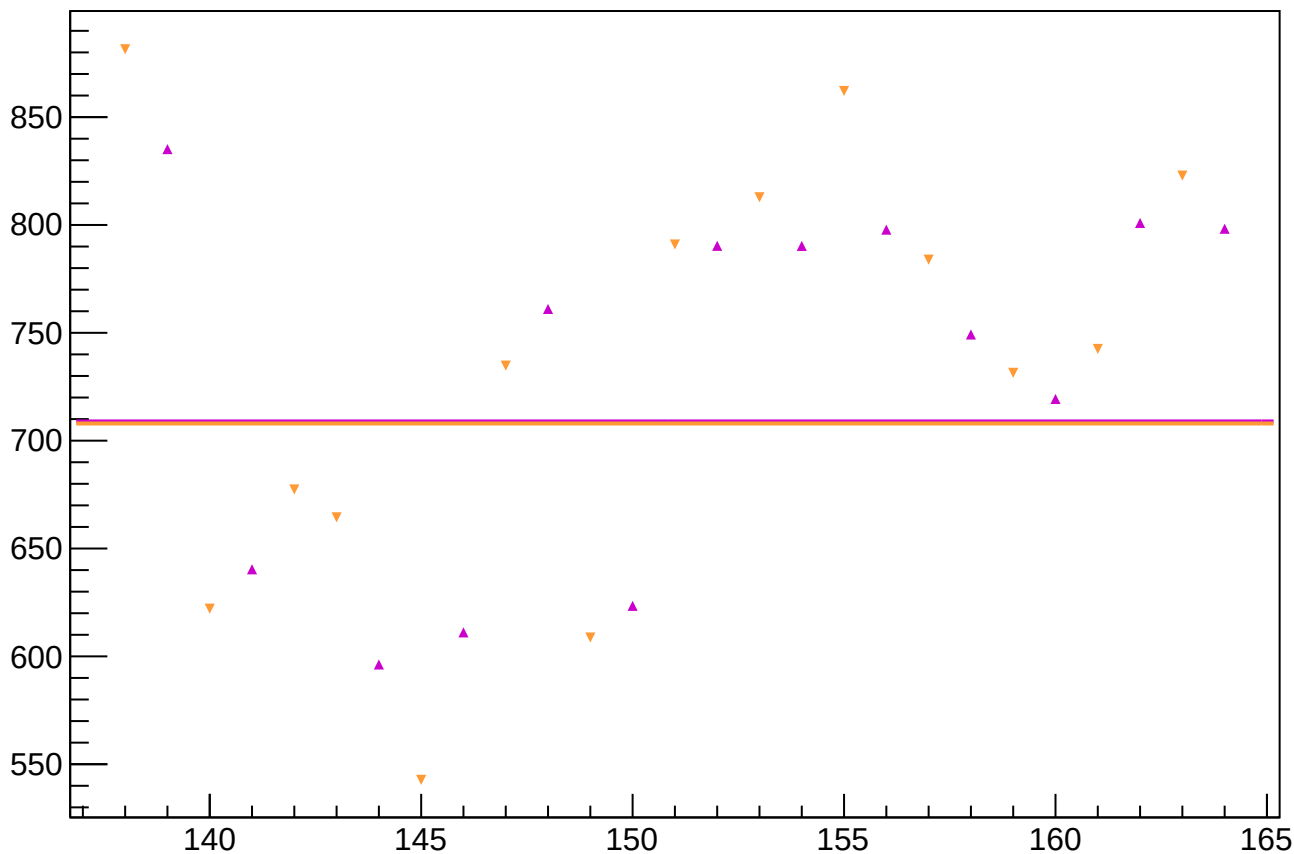
Left In: 359.620+/-221.870 χ^2/NDF : 9.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 759.787+/-156.414 χ^2/NDF : 33.3/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



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

Left Out: 707.964+/-0.156 χ^2/NDF : 425588.7/13

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

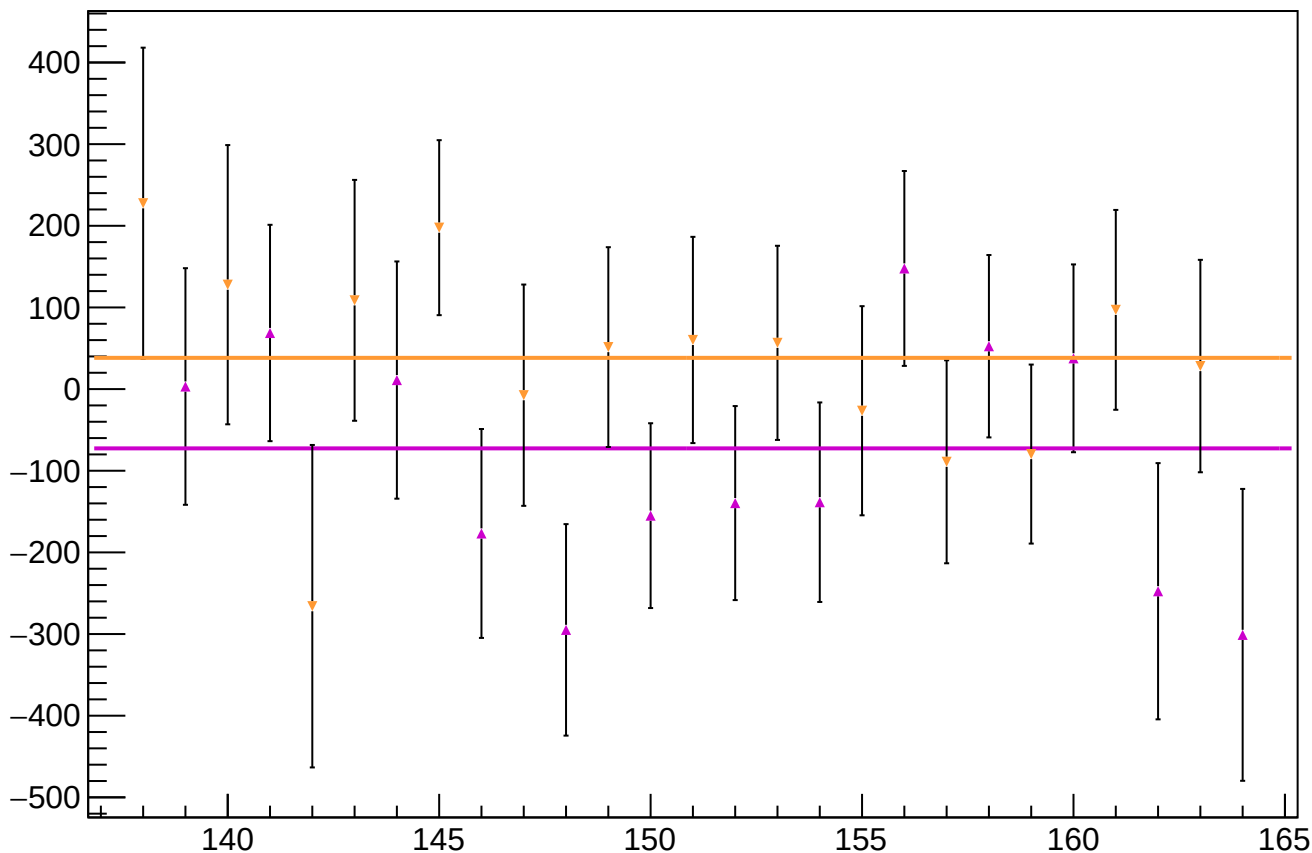
Left In: 708.921+/-0.157 χ^2/NDF : 291198.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.440+/-0.111 χ^2/NDF : 716805.7/26

- 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: 38.263 $\pm$ 35.139 χ^2 /NDF:9.0/13

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

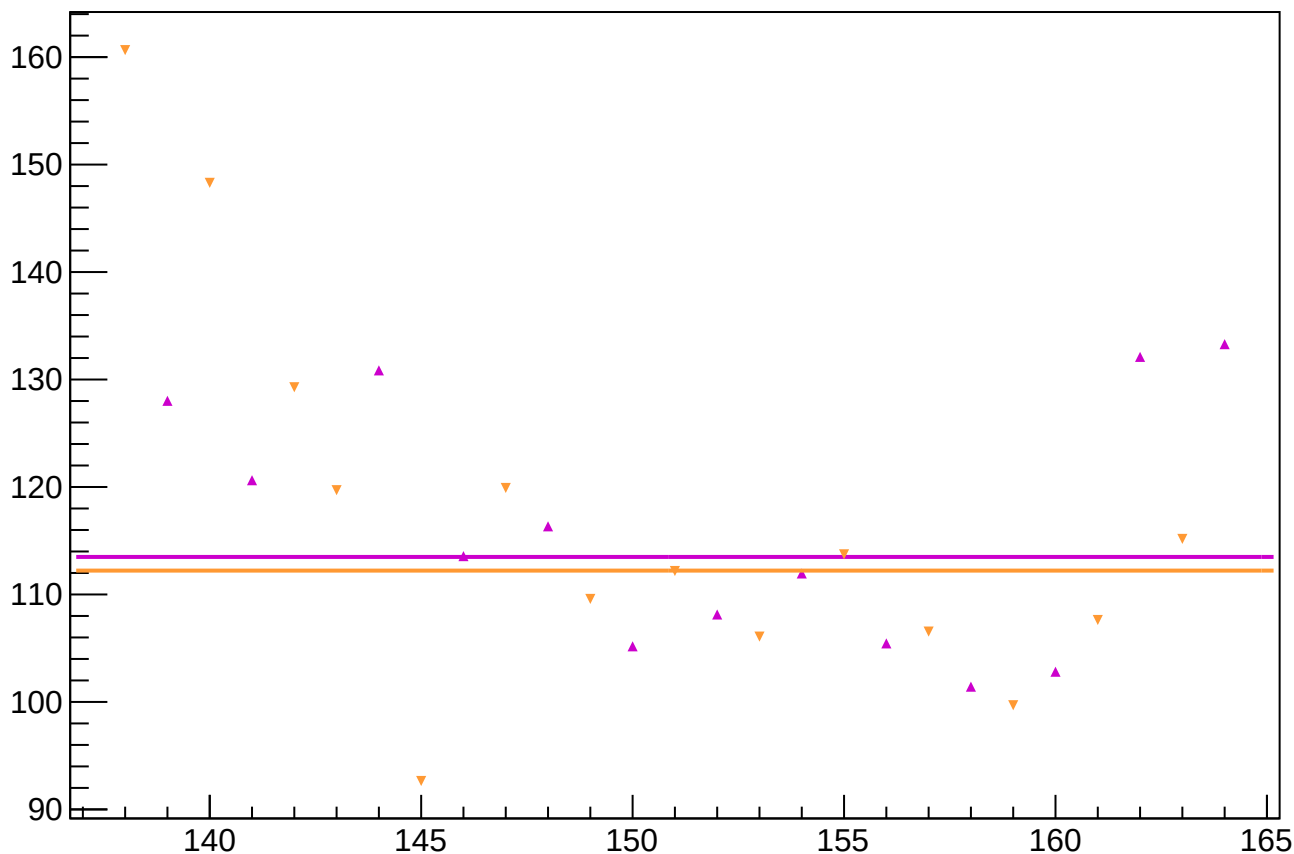
Left In: -72.613 $\pm$ 35.657 χ^2 /NDF:15.0/12

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

All: -16.363 $\pm$ 25.028 χ^2 /NDF: 28.8/26

- 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: 112.221+/-0.025 χ^2/NDF : 352158.3/13

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

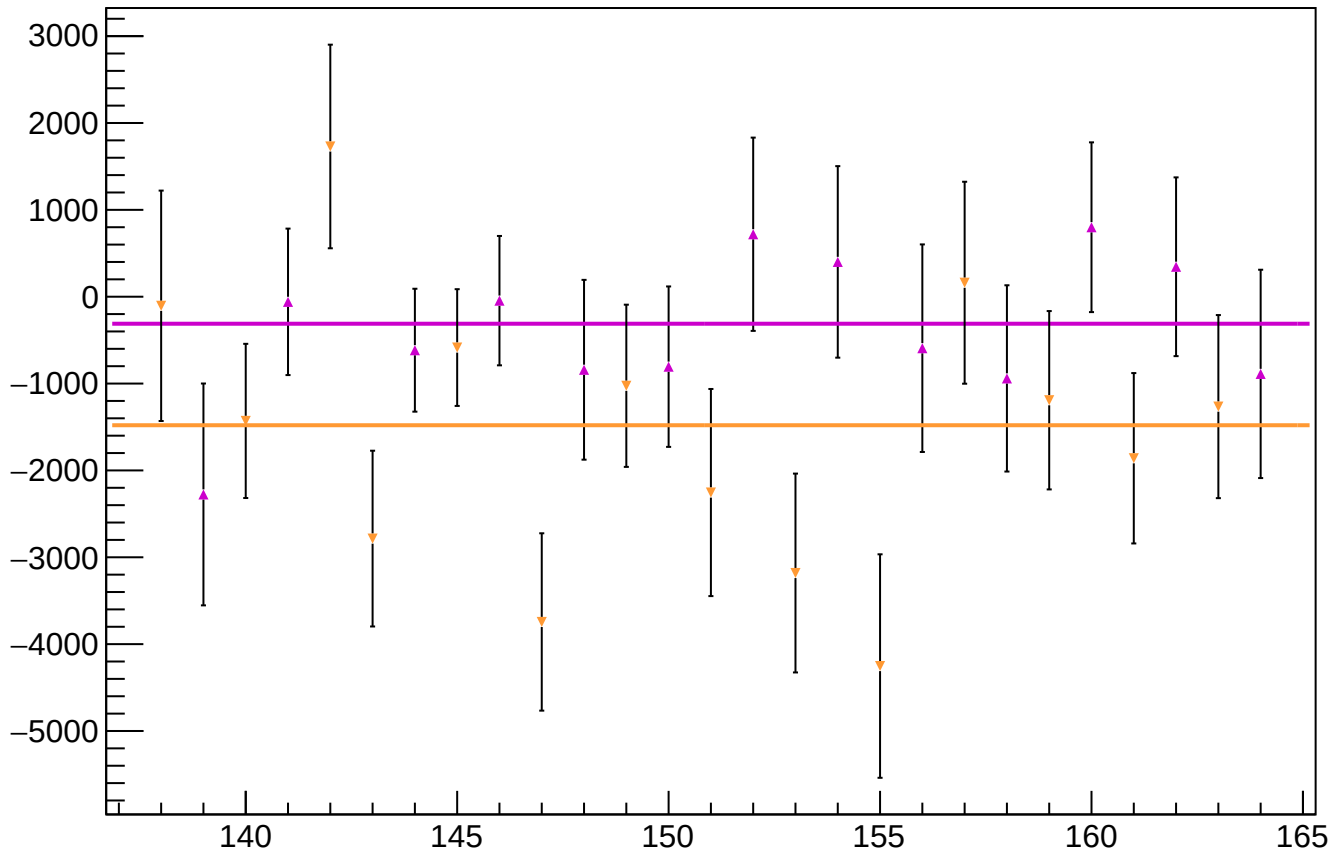
Left In: 113.493+/-0.025 χ^2/NDF : 173000.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.847+/-0.018 χ^2/NDF : 526449.3/26

- 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: -1479.763+/-271.546 χ^2/NDF : 26.7/13

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

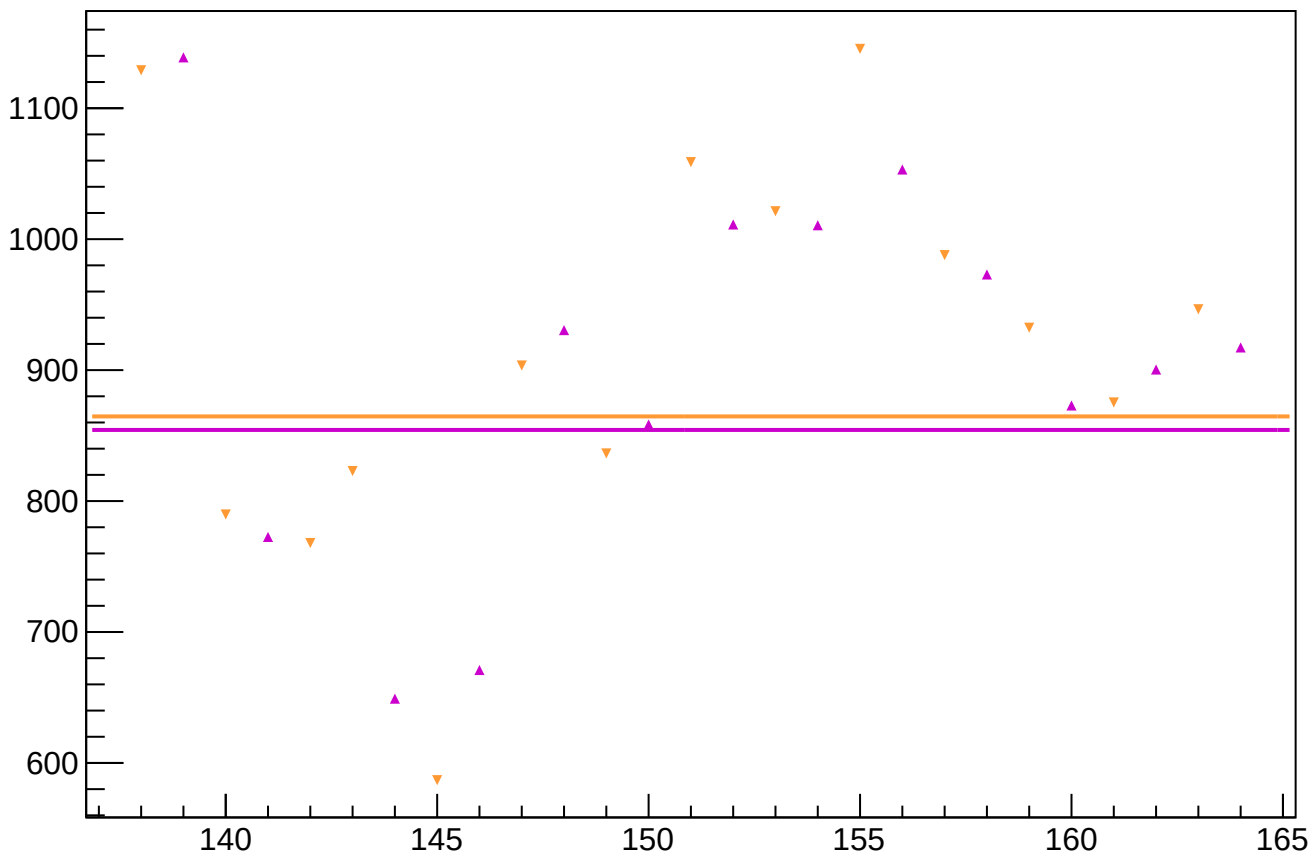
Left In: -311.107+/-269.059 χ^2/NDF : 6.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -890.059+/-191.127 χ^2/NDF : 43.0/26

- 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: 864.633+/-0.192 χ^2/NDF : 686266.7/13

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

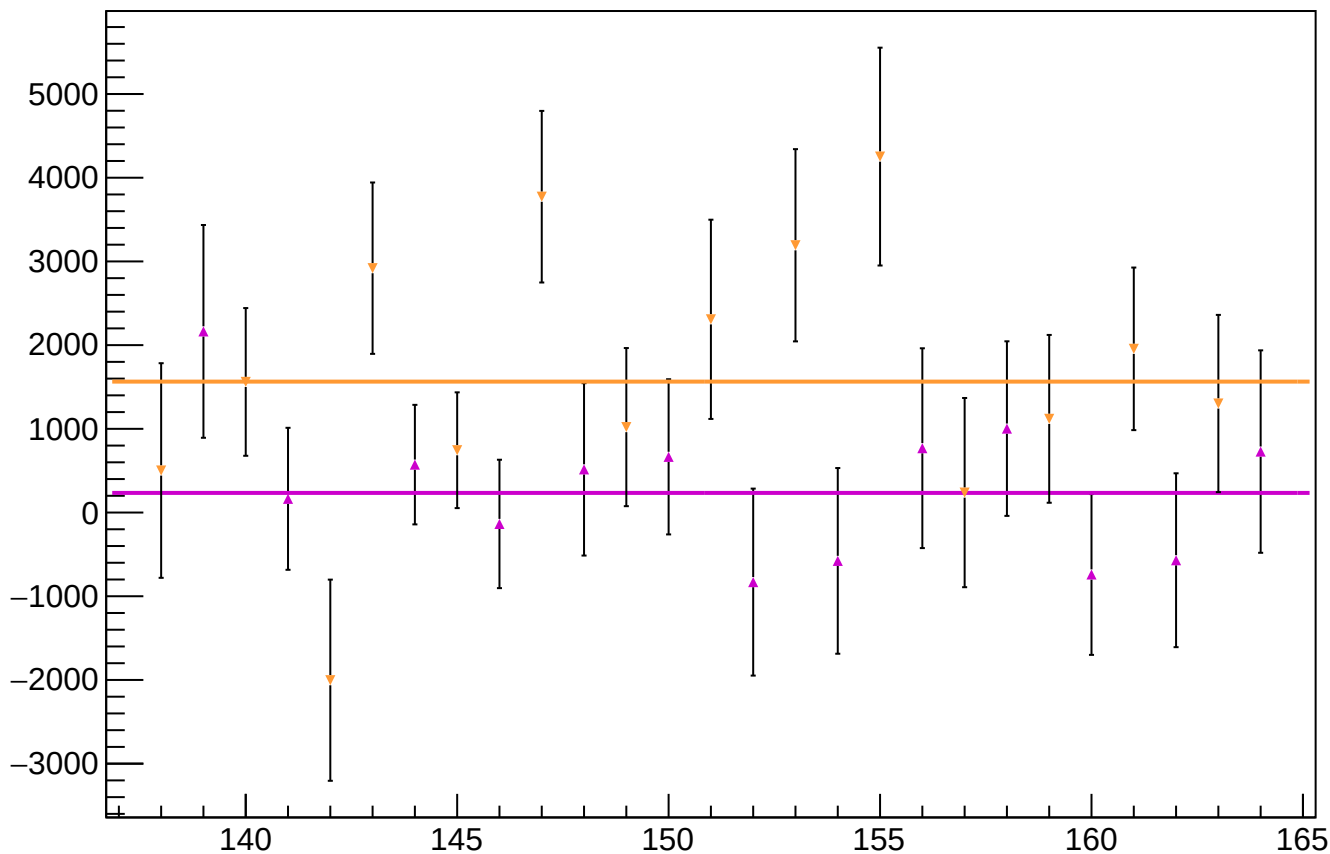
Left In: 854.313+/-0.190 χ^2/NDF : 588553.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.426+/-0.135 χ^2/NDF : 1276278.1/26

- 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: 1564.192+/-272.279 χ^2/NDF :26.1/13

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

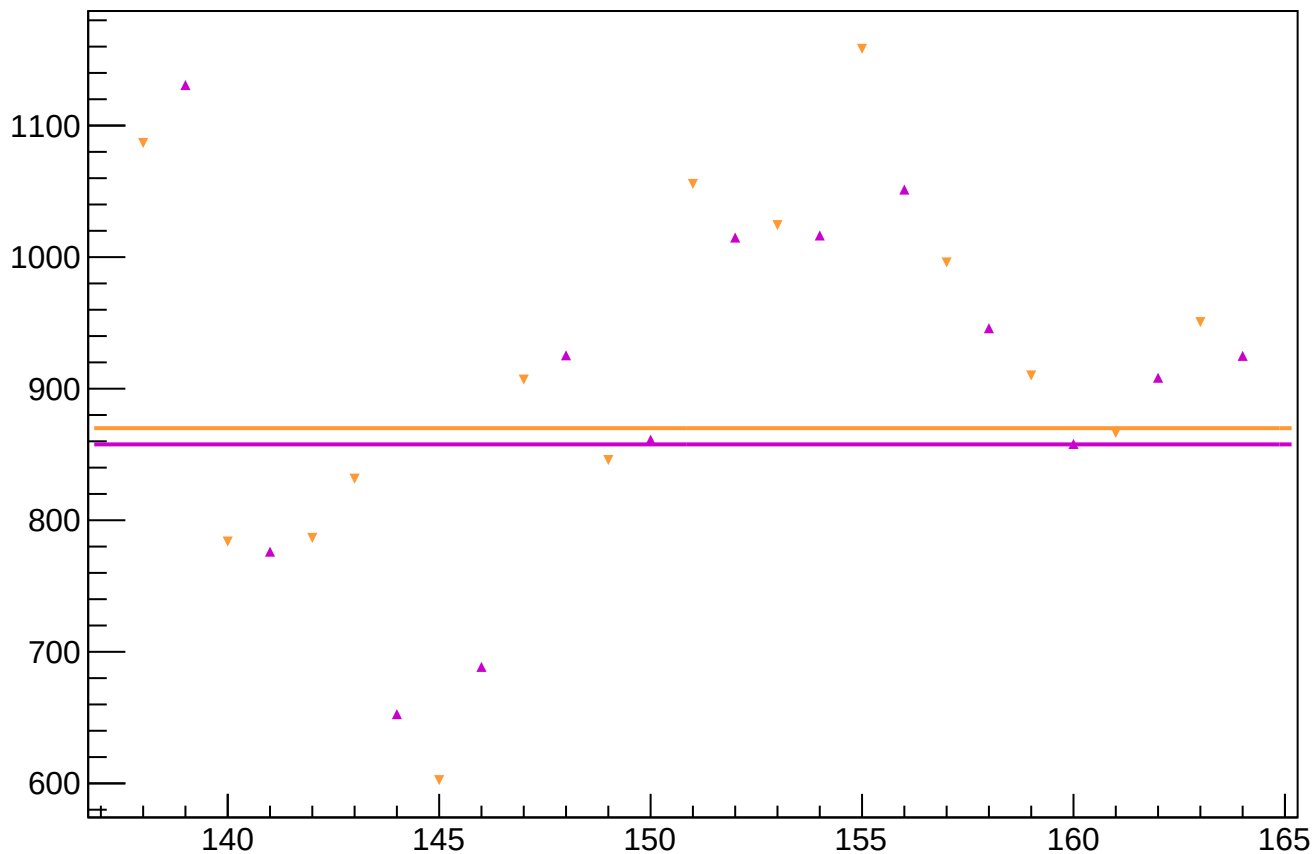
Left In: 234.497+/-270.097 χ^2/NDF :7.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.994+/-191.754 χ^2/NDF : 45.2/26

- 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: 869.990+/-0.193 χ^2/NDF : 614586.1/13

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

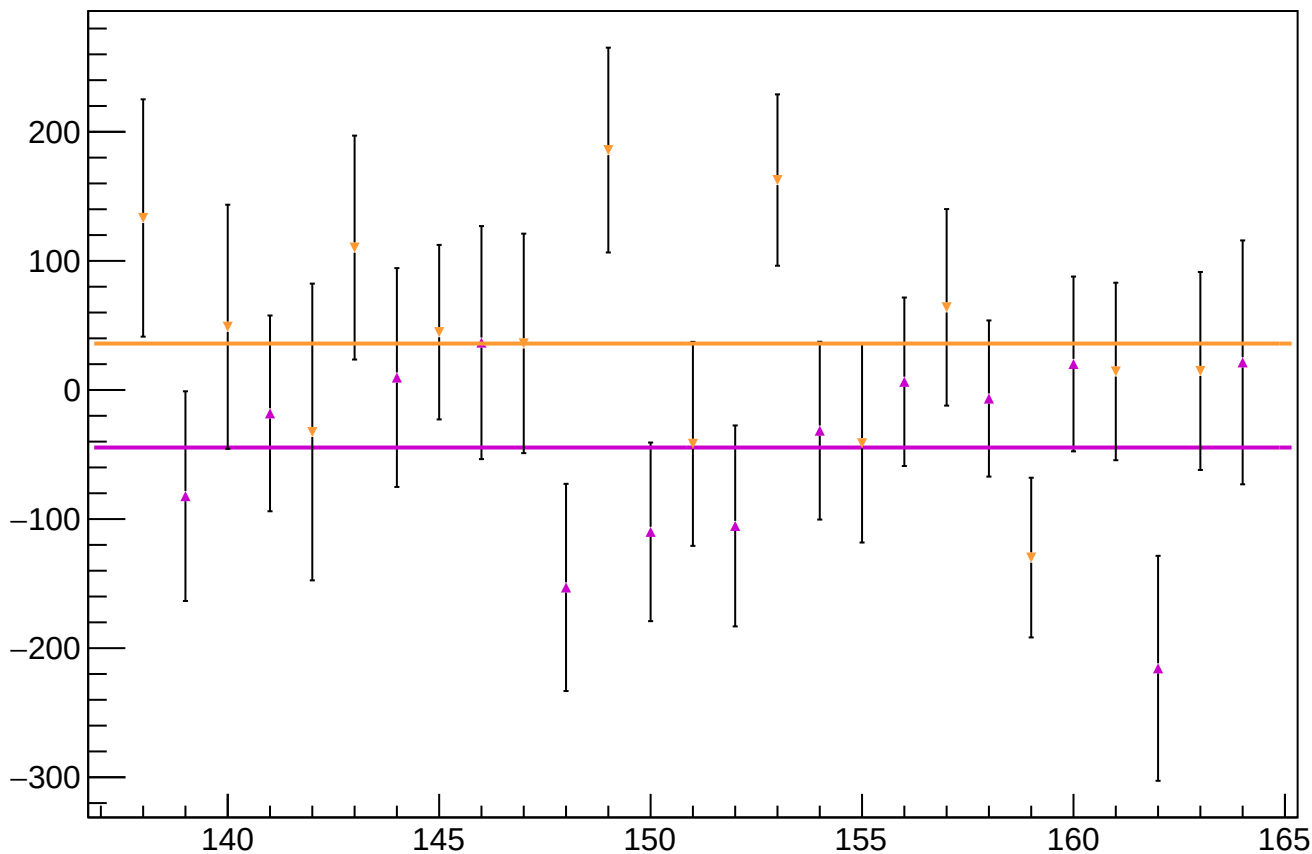
Left In: 857.661+/-0.191 χ^2/NDF : 540190.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.776+/-0.136 χ^2/NDF : 1156843.0/26

- 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: 35.961 $\pm$ 20.731 χ^2 /NDF:18.9/13

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

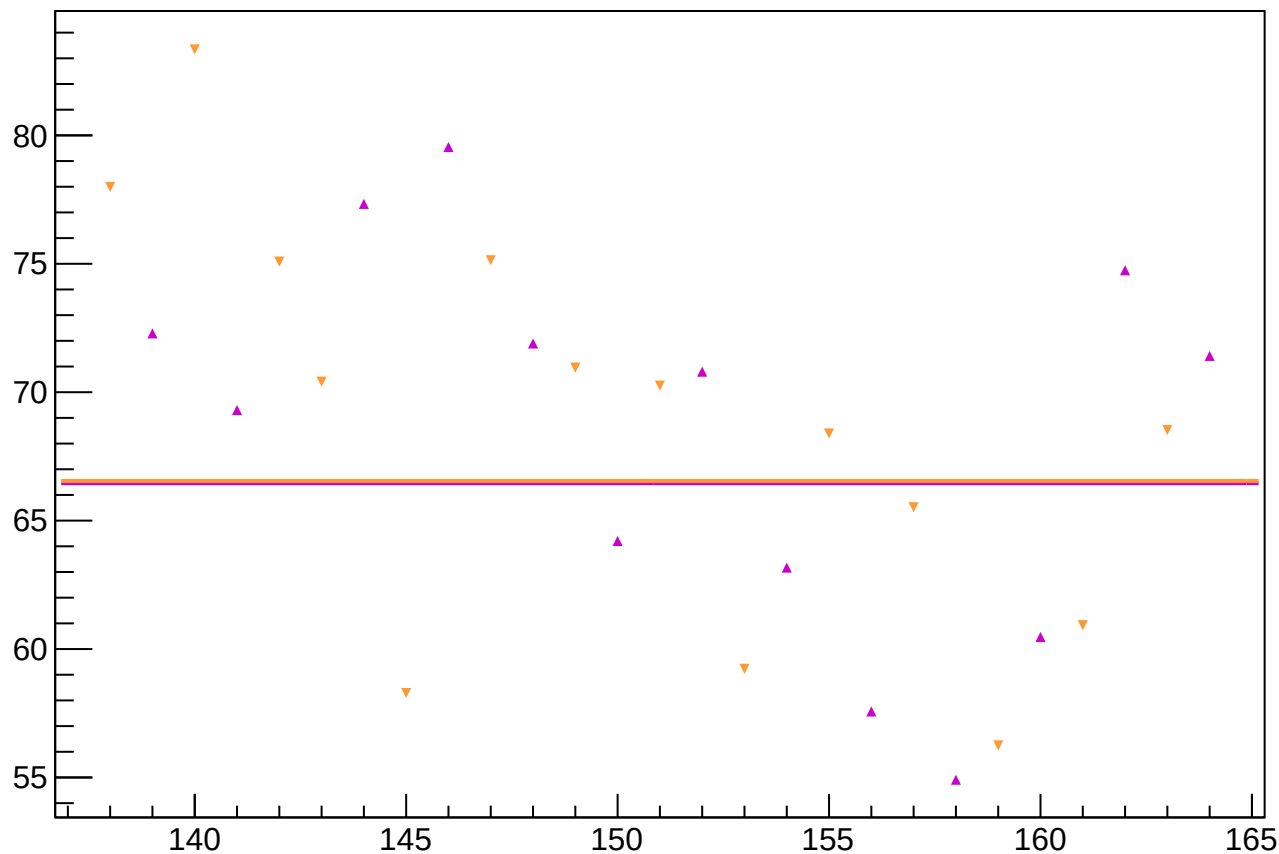
Left In: -44.577 $\pm$ 20.862 χ^2 /NDF:11.2/12

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

All: -4.055 $\pm$ 14.705 χ^2 /NDF: 37.6/26

- 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: 66.546+/-0.015 χ^2/NDF :266000.9/13

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

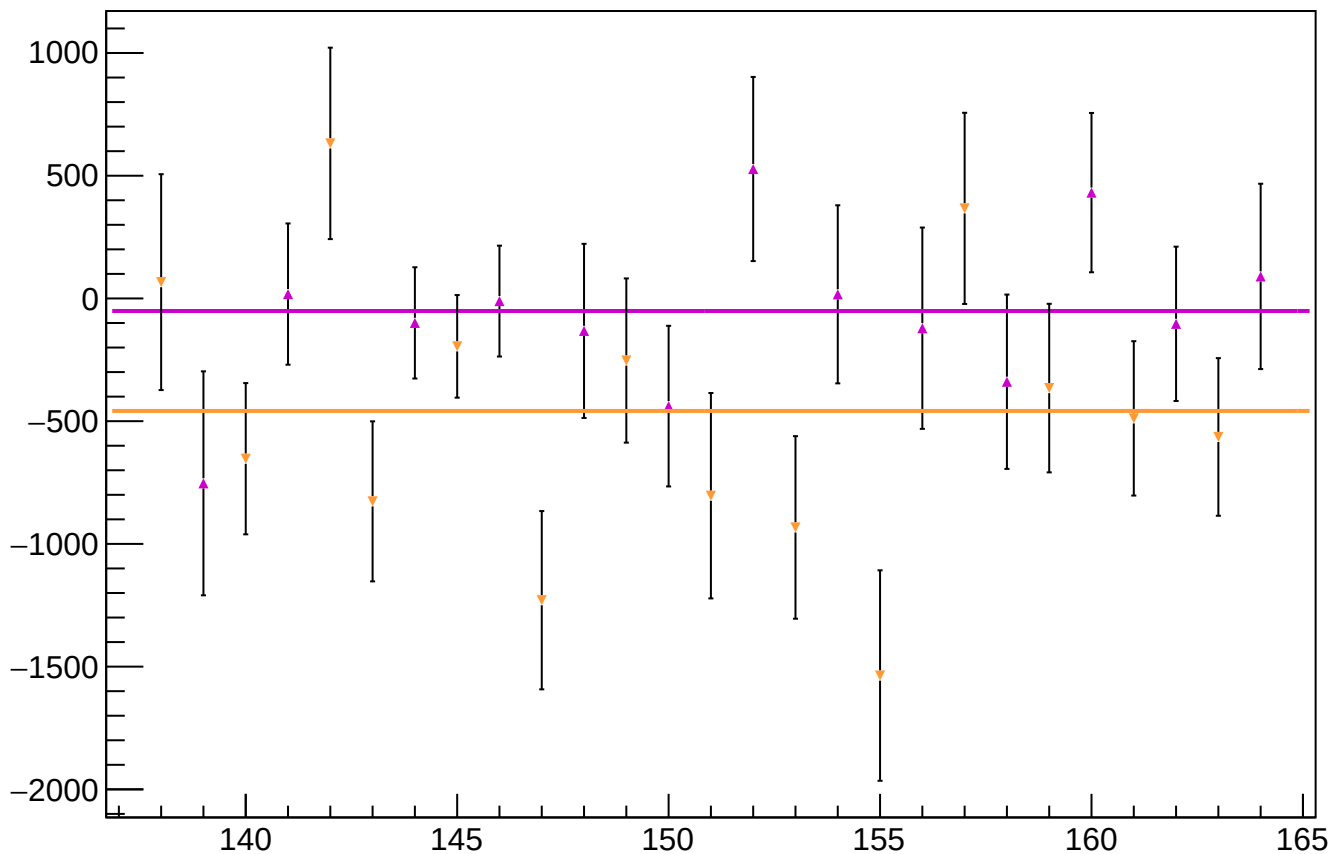
Left In: 66.457+/-0.015 χ^2/NDF :259408.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.502+/-0.010 χ^2/NDF : 525427.4/26

- 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: -458.253+/-89.668 χ^2/NDF : 30.7/13

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

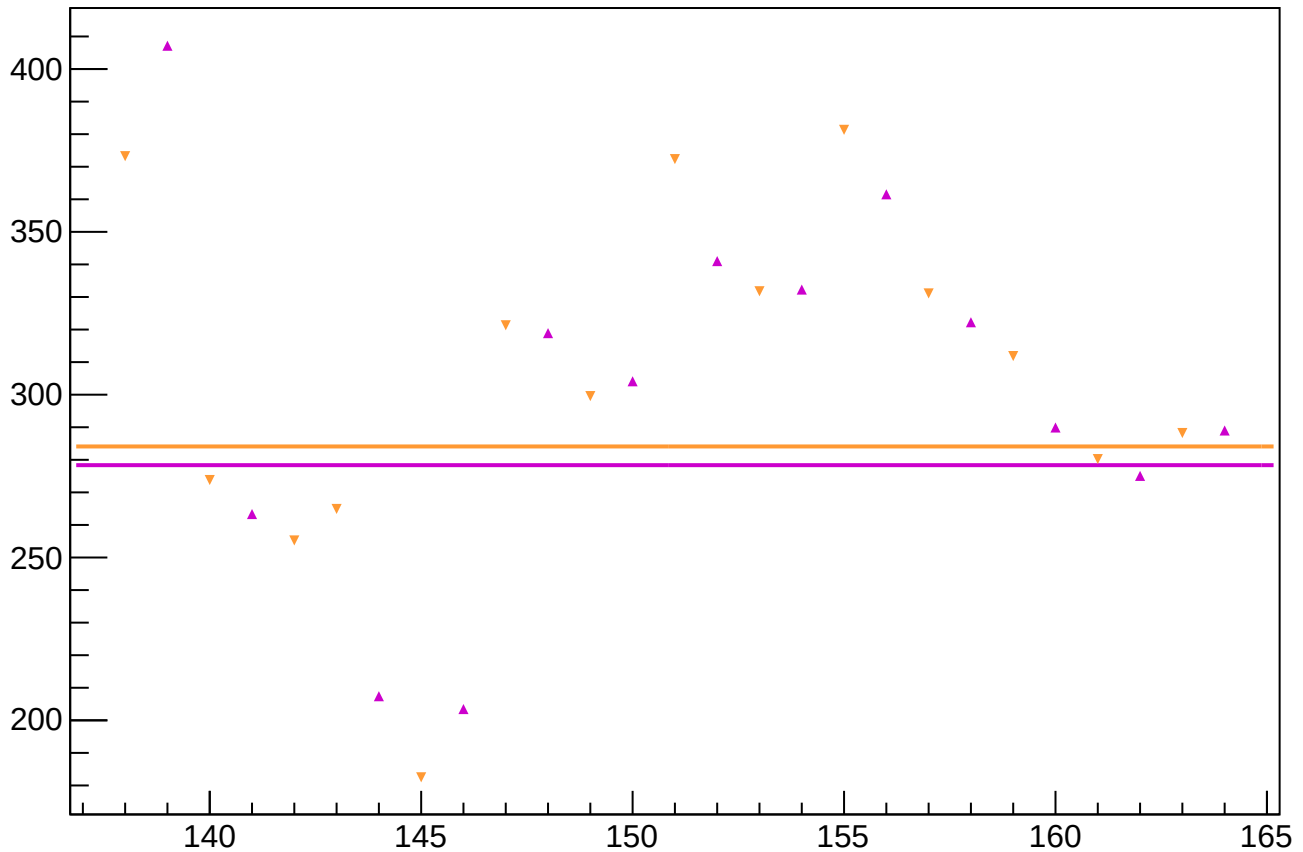
Left In: -51.079+/-88.235 χ^2/NDF : 9.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -251.387+/-62.892 χ^2/NDF : 50.6/26

- 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: 284.101+/-0.063 χ^2/NDF : 867656.0/13

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

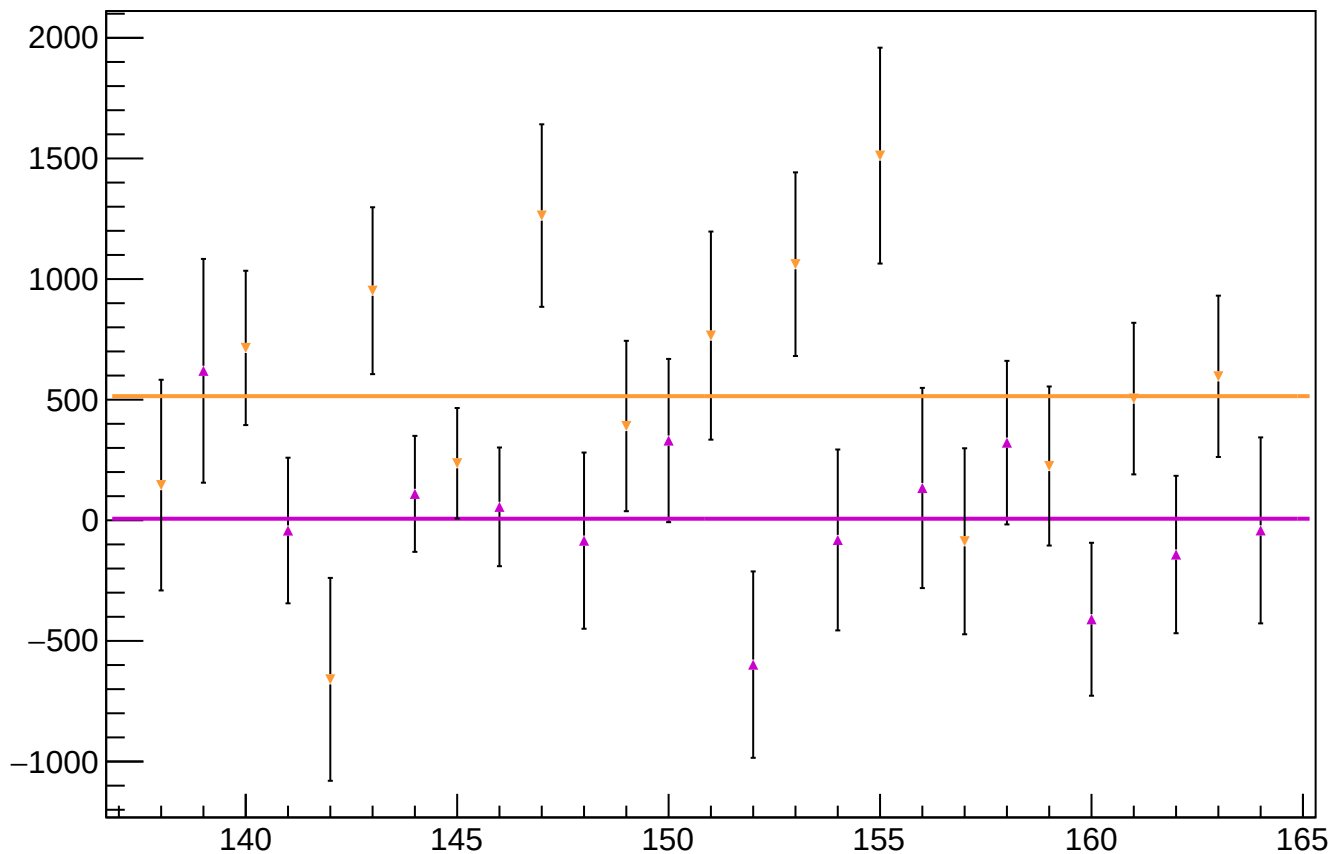
Left In: 278.358+/-0.062 χ^2/NDF : 836434.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.183+/-0.044 χ^2/NDF : 1708259.4/26

- 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: 514.594+/-93.108 χ^2/NDF :26.6/13

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

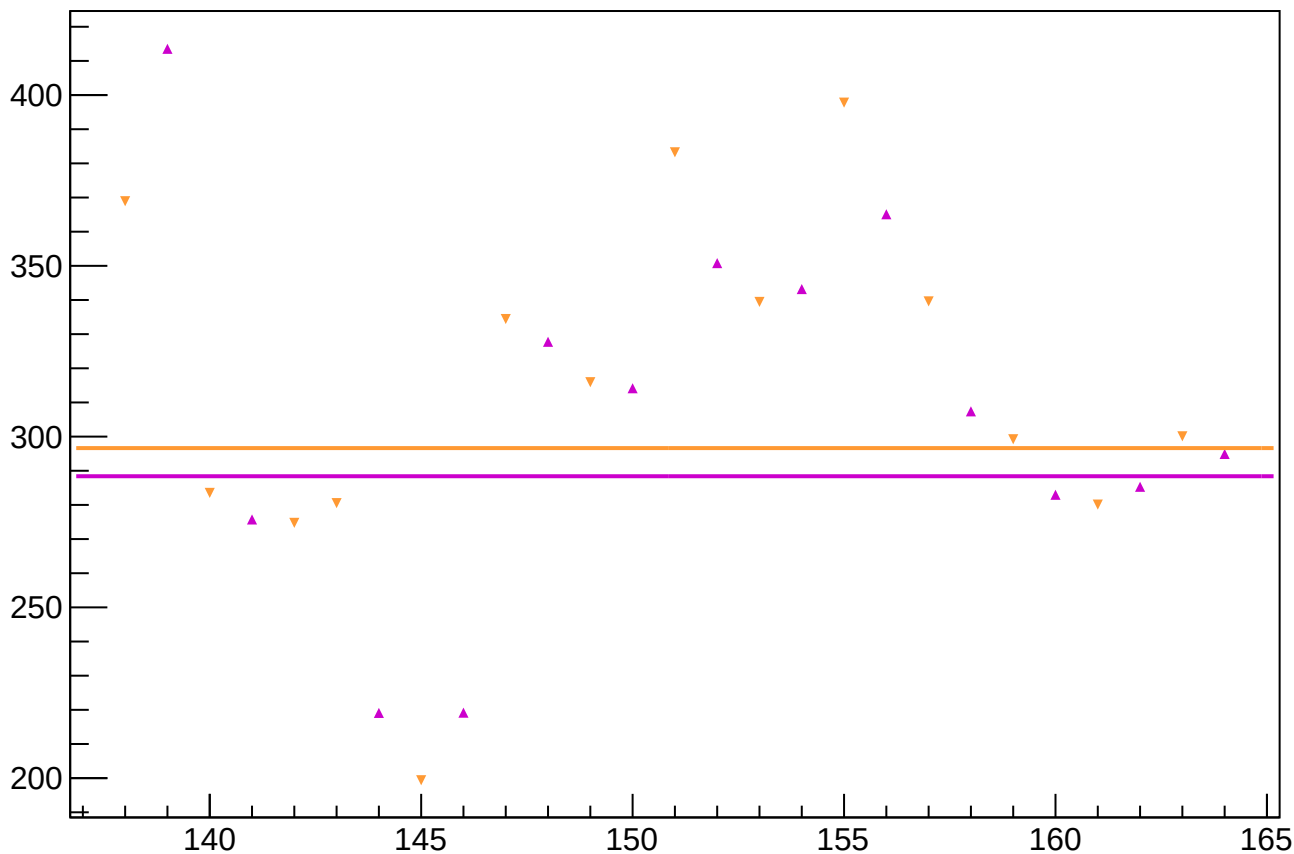
Left In: 6.518+/-91.263 χ^2/NDF :8.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.474+/-65.175 χ^2/NDF : 50.2/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug



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

Left Out: 296.637+/-0.066 χ^2/NDF : 693059.7/13

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

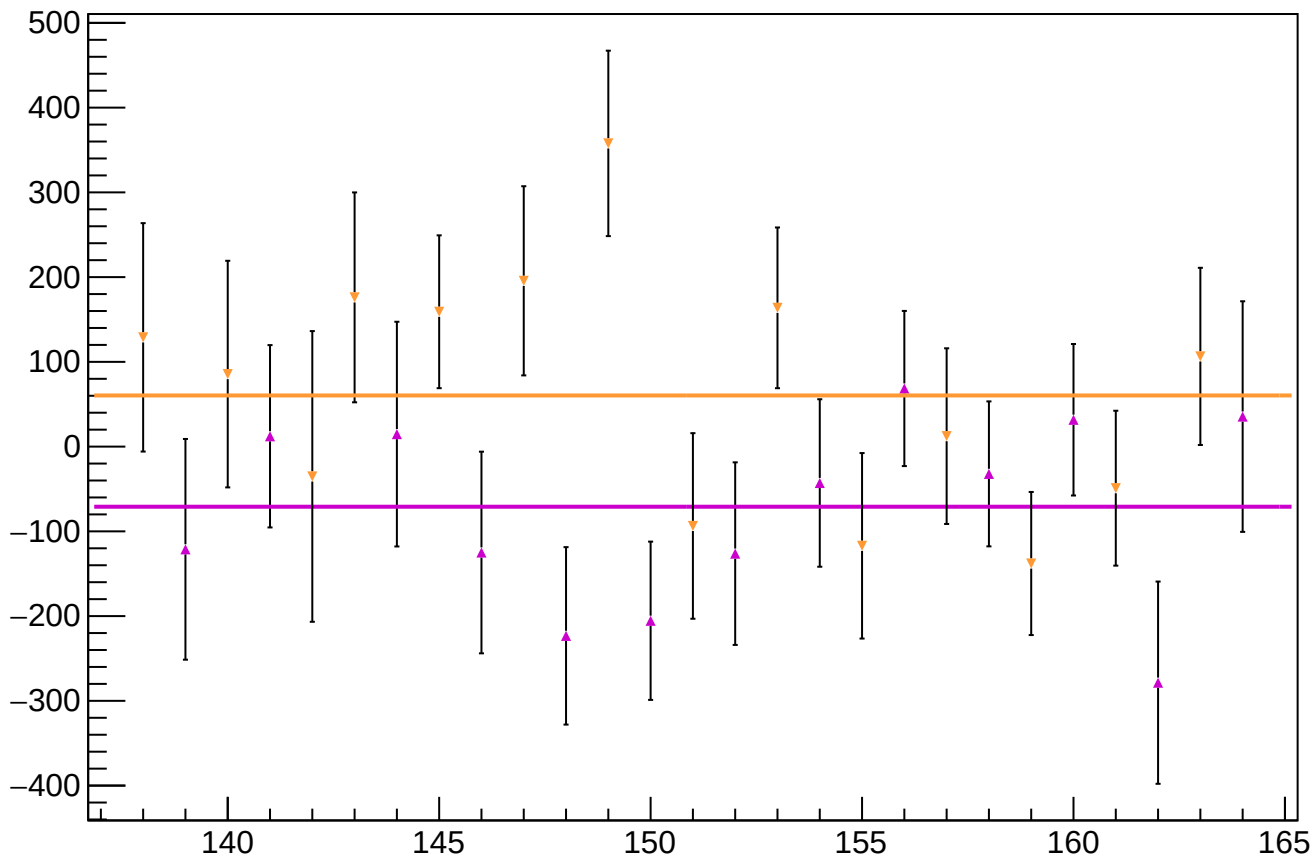
Left In: 288.397+/-0.065 χ^2/NDF : 679277.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.435+/-0.046 χ^2/NDF : 1380326.2/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



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

Left Out: 60.366+/-28.634 χ^2/NDF :24.7/13

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

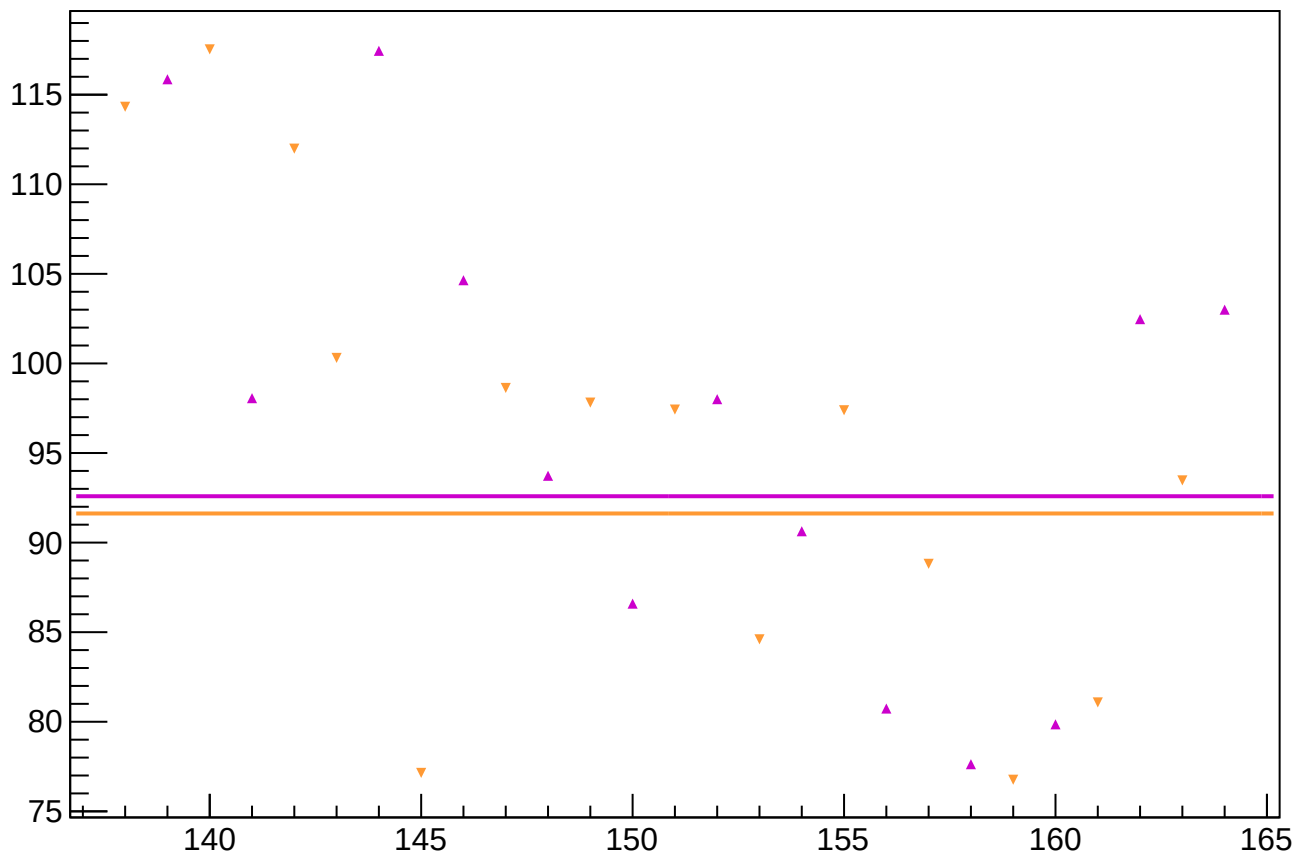
Left In: -70.938+/-29.200 χ^2/NDF :13.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.000+/-20.444 χ^2/NDF : 48.4/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



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

Left Out: 91.625+/-0.020 χ^2/NDF : 348491.9/13

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

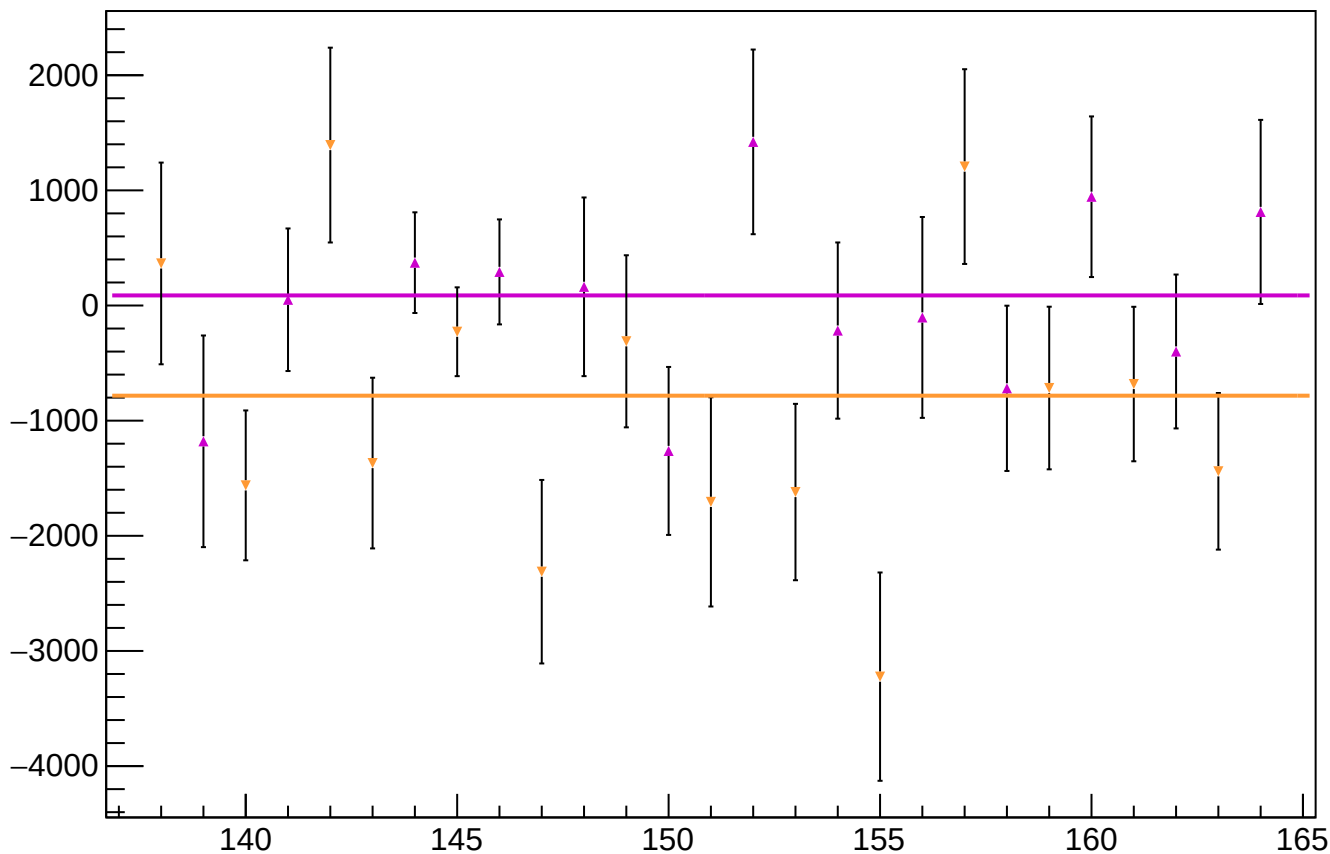
Left In: 92.588+/-0.021 χ^2/NDF : 334918.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.097+/-0.014 χ^2/NDF : 684518.4/26

- 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: -783.101+/-186.022 χ^2/NDF :32.5/13

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

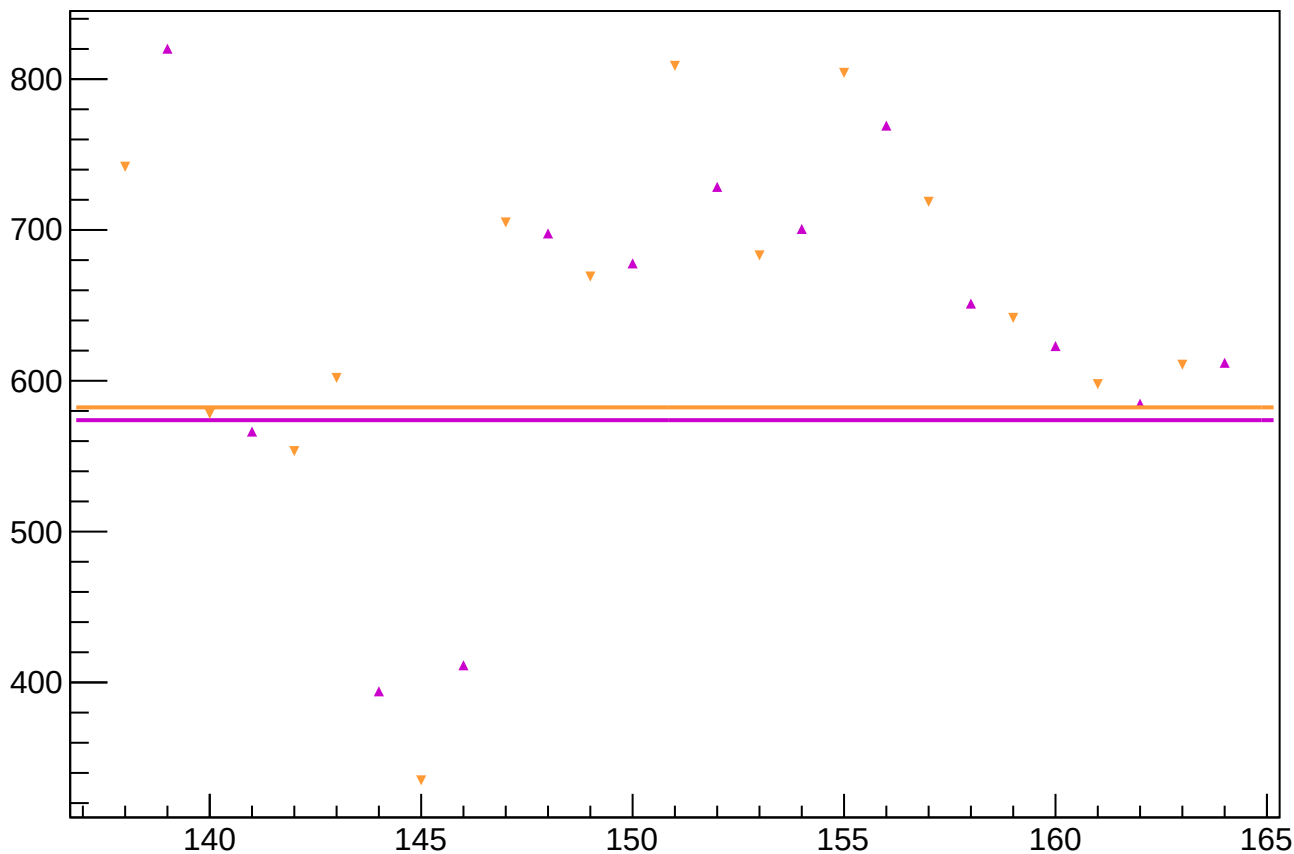
Left In: 87.601+/-183.322 χ^2/NDF :13.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.385+/-130.573 χ^2/NDF : 56.7/26

- 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: 582.383+/-0.132 χ^2/NDF :1316667.2/13

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

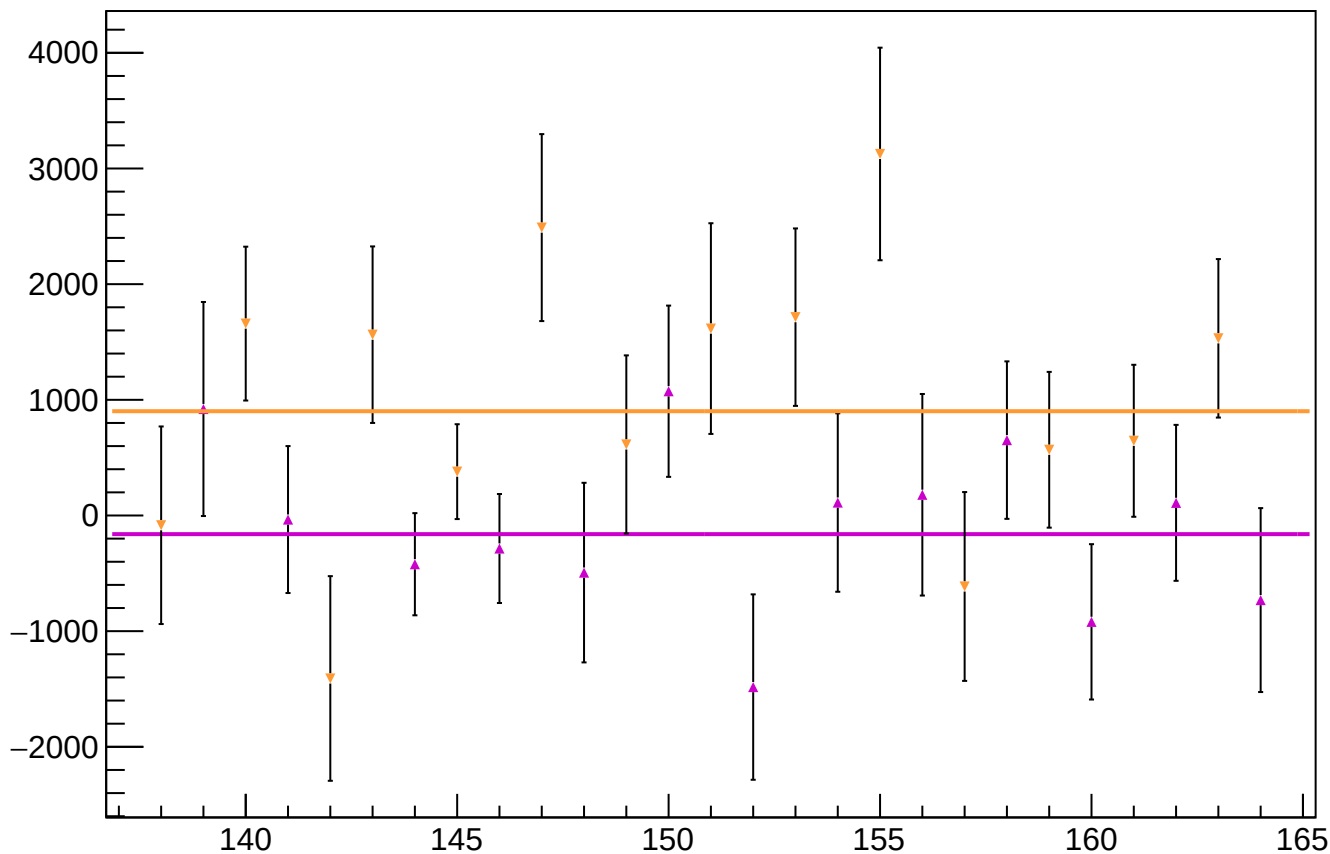
Left In: 573.887+/-0.130 χ^2/NDF :1095594.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 578.073+/-0.092 χ^2/NDF : 2414378.0/26

- 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: 901.572+/-188.866 χ^2/NDF : 28.1/13

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

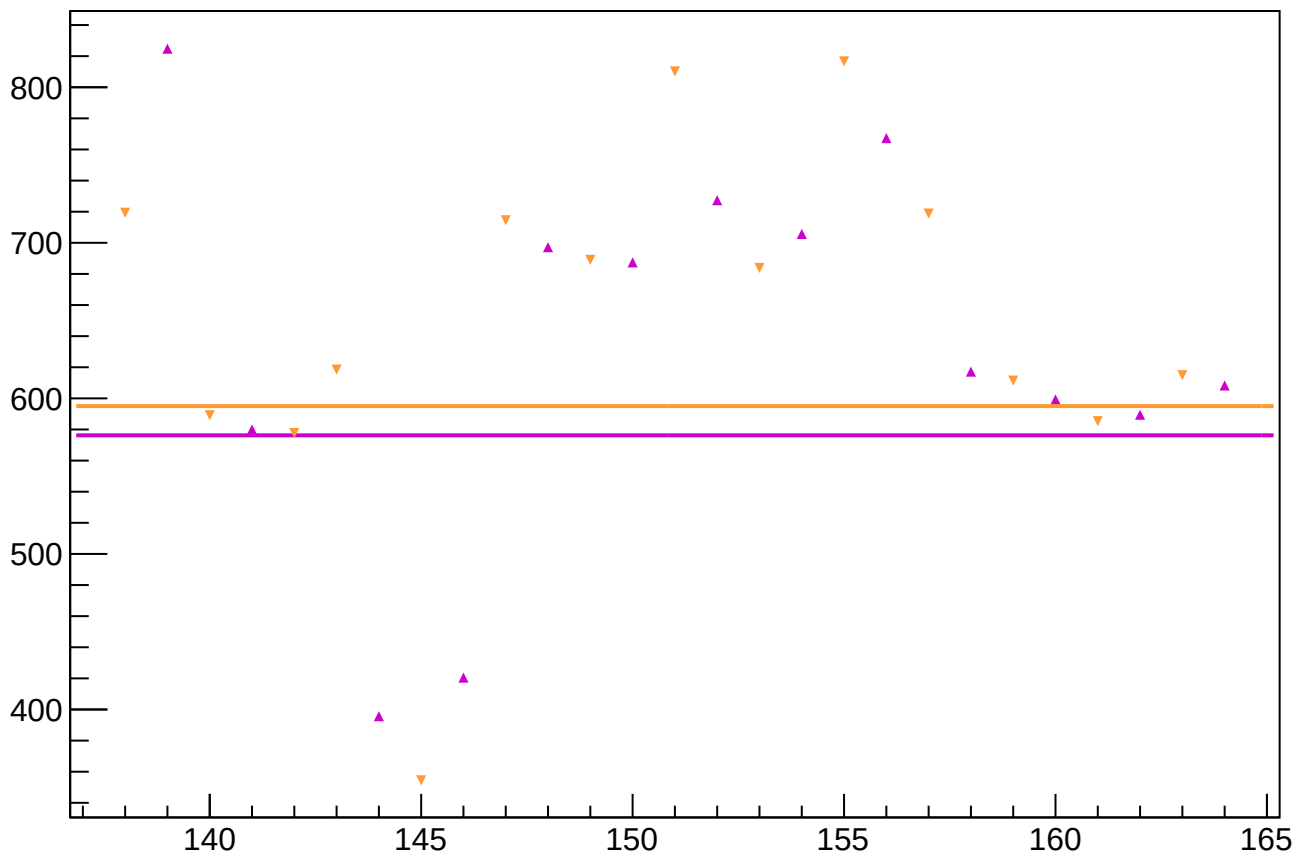
Left In: -161.199+/-184.195 χ^2/NDF : 11.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.881+/-131.866 χ^2/NDF : 55.5/26

- 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: 595.031+/-0.134 χ^2/NDF :1111248.2/13

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

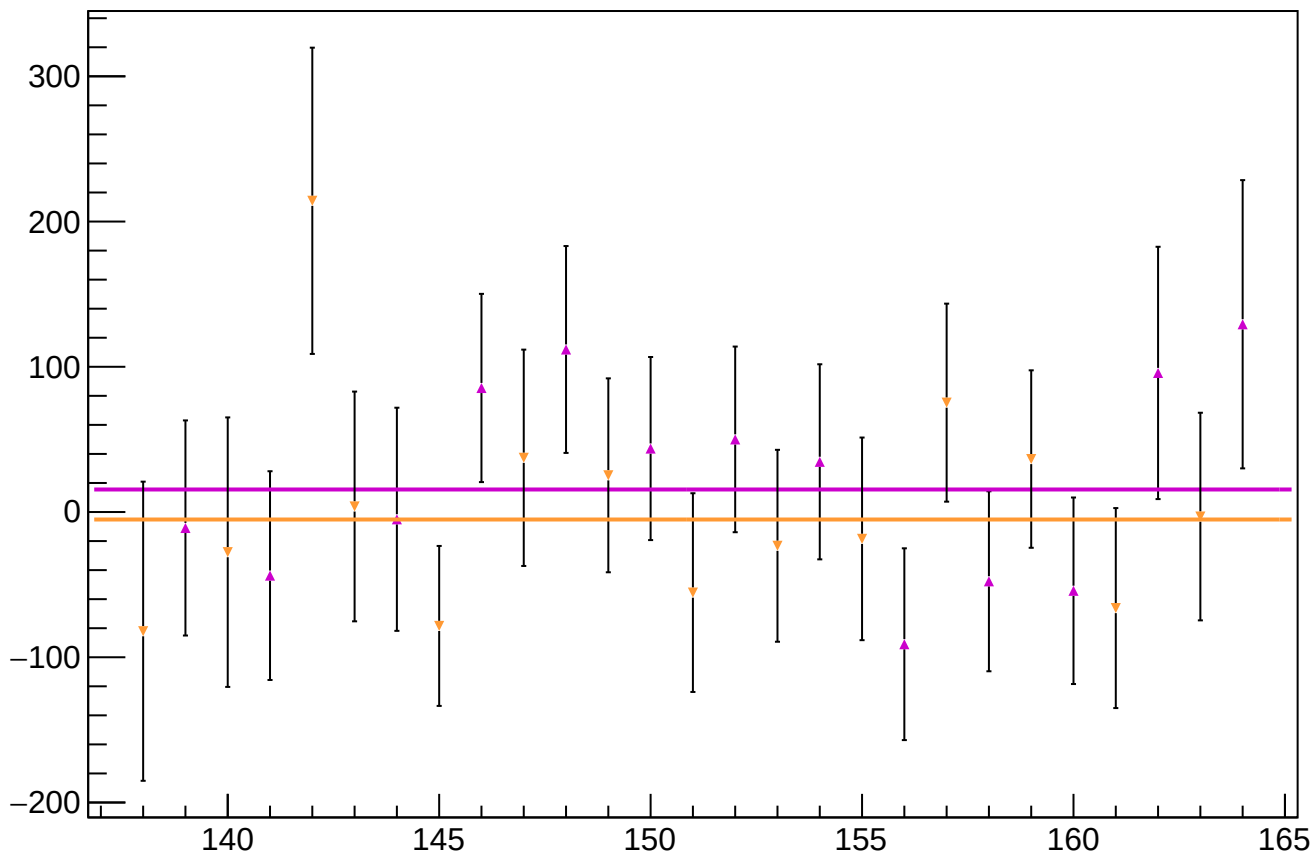
Left In: 576.241+/-0.130 χ^2/NDF :1028196.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.401+/-0.093 χ^2/NDF : 2149590.7/26

- 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: -5.154 $\pm$ 19.130 χ^2 /NDF:10.6/13

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

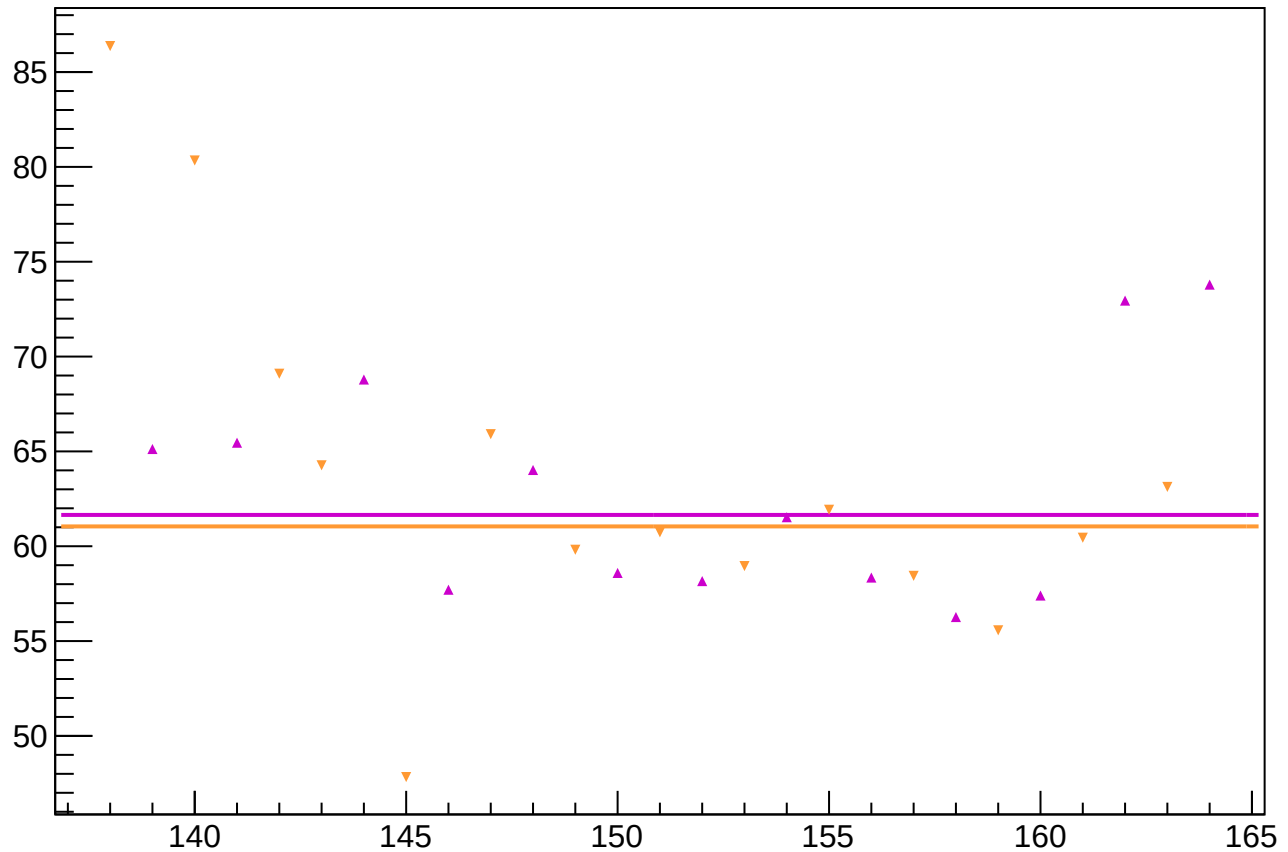
Left In: 15.517 $\pm$ 19.370 χ^2 /NDF:11.4/12

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

All: 5.053 $\pm$ 13.611 χ^2 /NDF: 22.6/26

- 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: 61.045+/-0.014 χ^2/NDF :370004.6/13

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

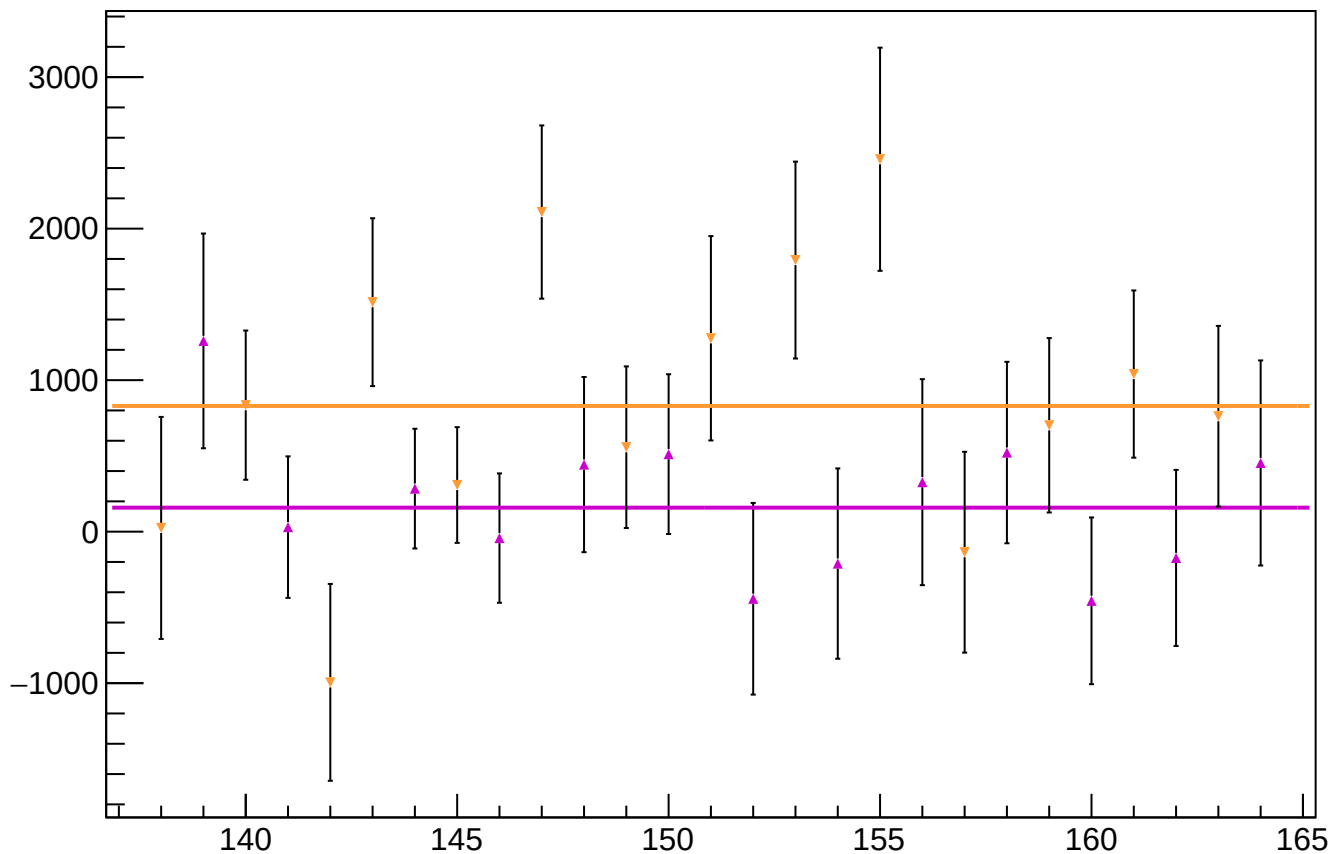
Left In: 61.650+/-0.014 χ^2/NDF :140244.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.344+/-0.010 χ^2/NDF : 511239.0/26

- 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: 829.588+/-152.776 χ^2/NDF : 27.6/13

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

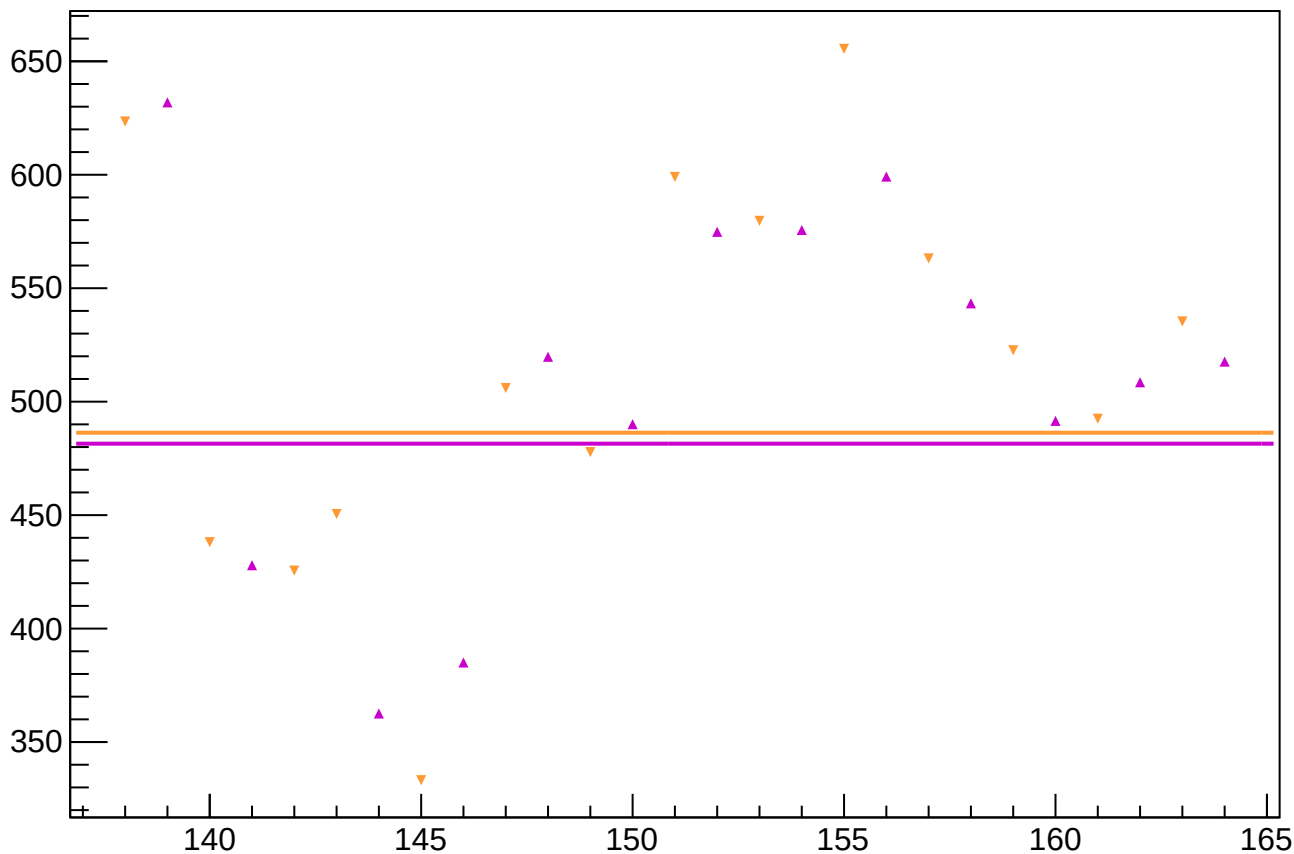
Left In: 158.347+/-151.631 χ^2/NDF : 6.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.442+/-107.622 χ^2/NDF : 44.3/26

- 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: 486.330+/-0.108 χ^2/NDF : 690795.6/13

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

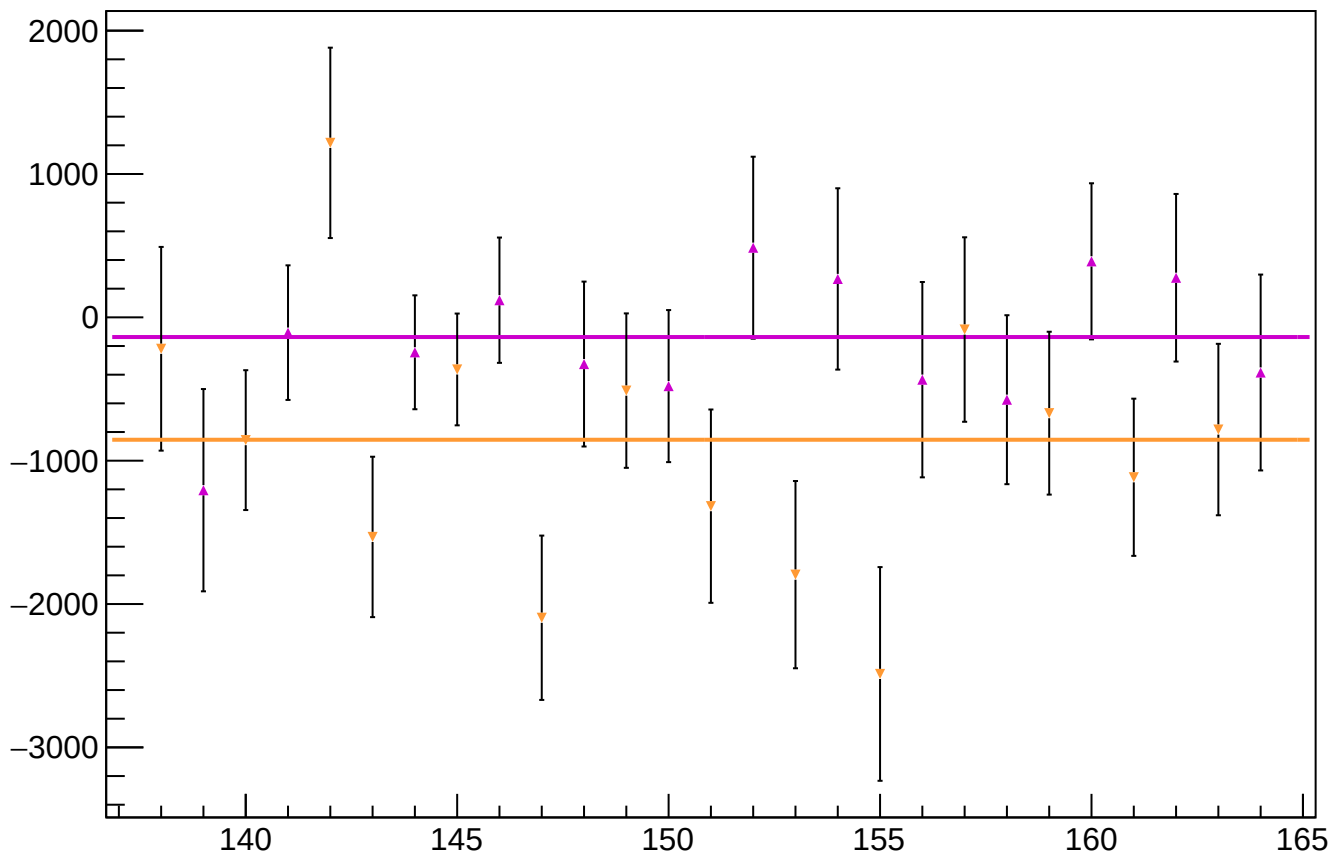
Left In: 481.493+/-0.107 χ^2/NDF : 589552.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.893+/-0.076 χ^2/NDF : 1281358.1/26

- 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: -853.925+/-153.050 χ^2/NDF :27.8/13

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

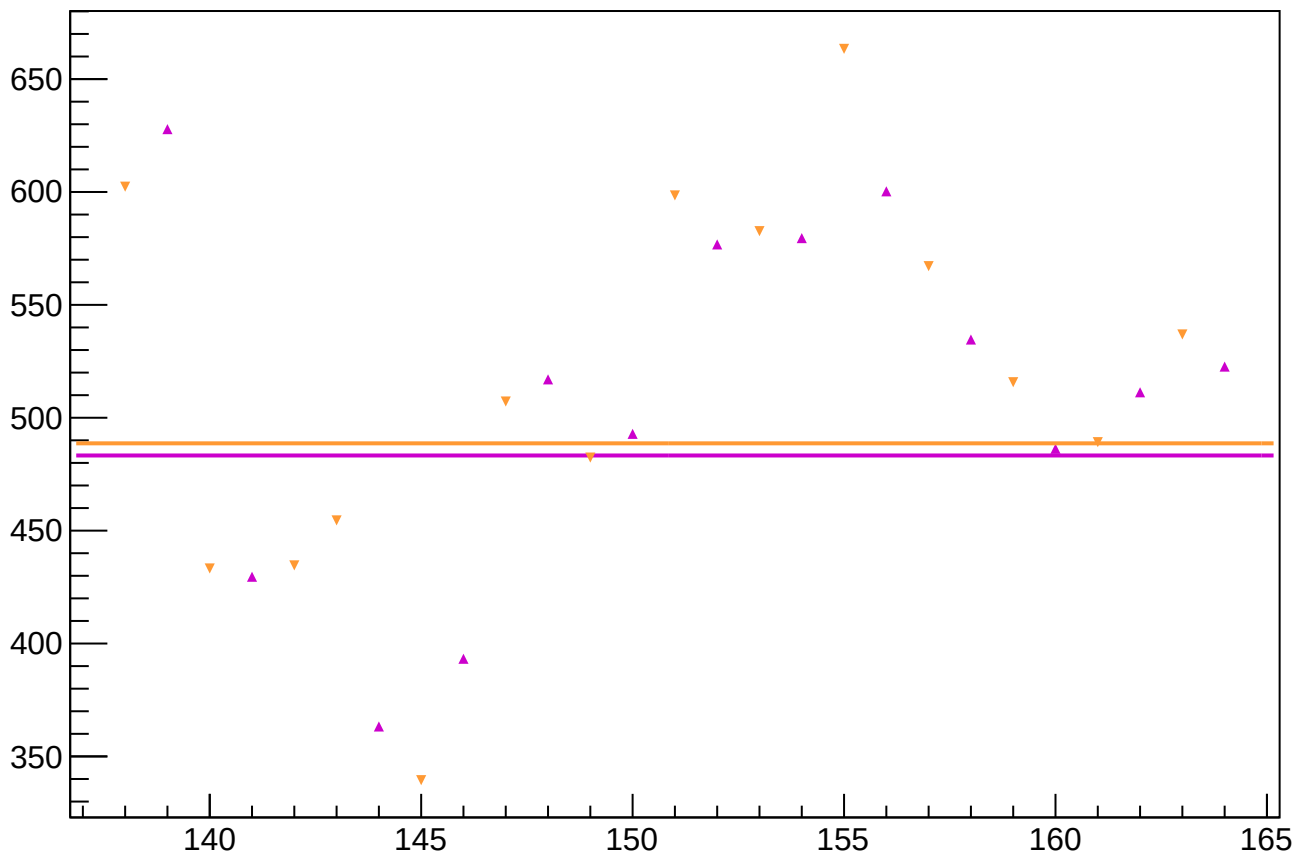
Left In: -137.351+/-152.240 χ^2/NDF :6.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -493.739+/-107.935 χ^2/NDF : 45.7/26

- 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: 488.671+/-0.108 χ^2/NDF : 644511.5/13

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

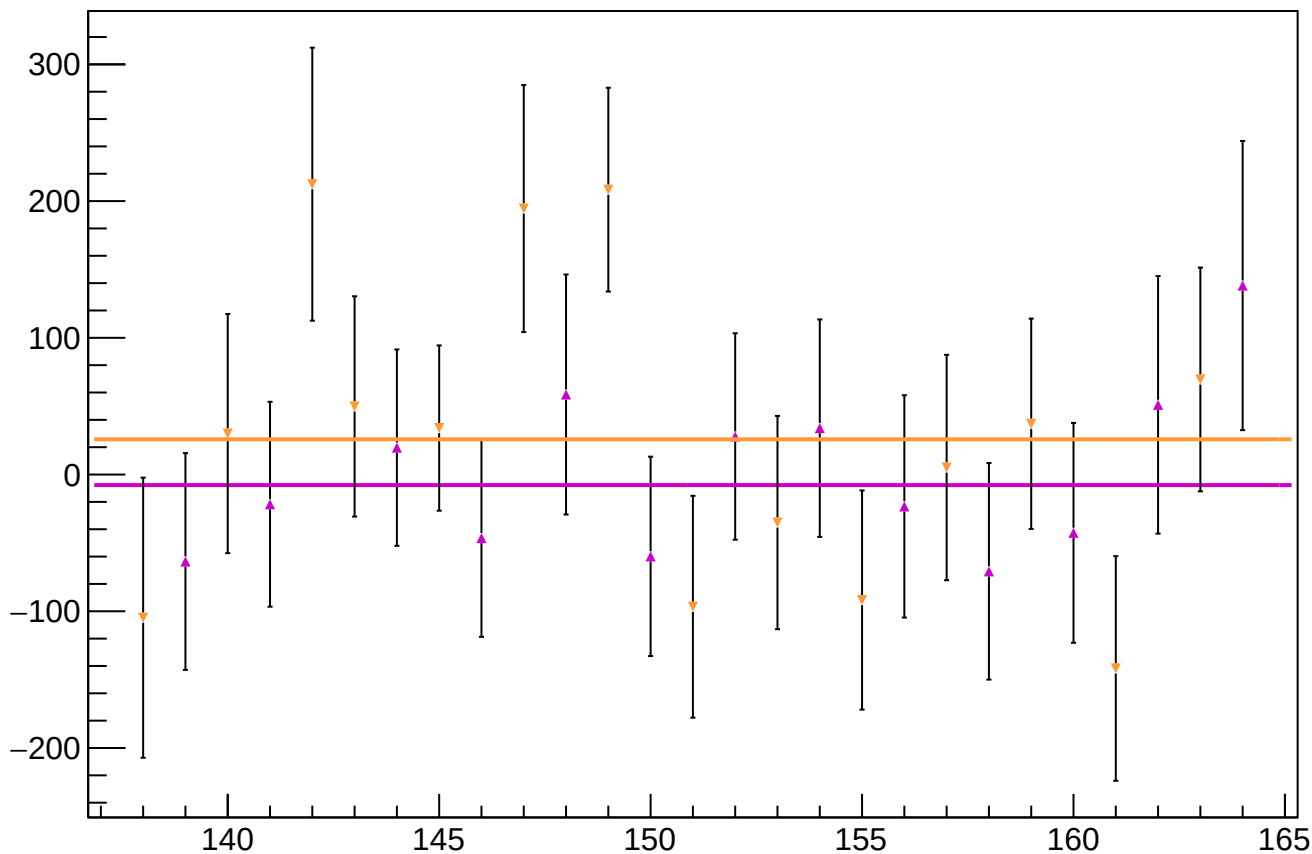
Left In: 483.290+/-0.108 χ^2/NDF : 560184.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.966+/-0.076 χ^2/NDF : 1205938.5/26

- 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: 25.781 $\pm$ 21.605 χ^2 /NDF:24.3/13

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

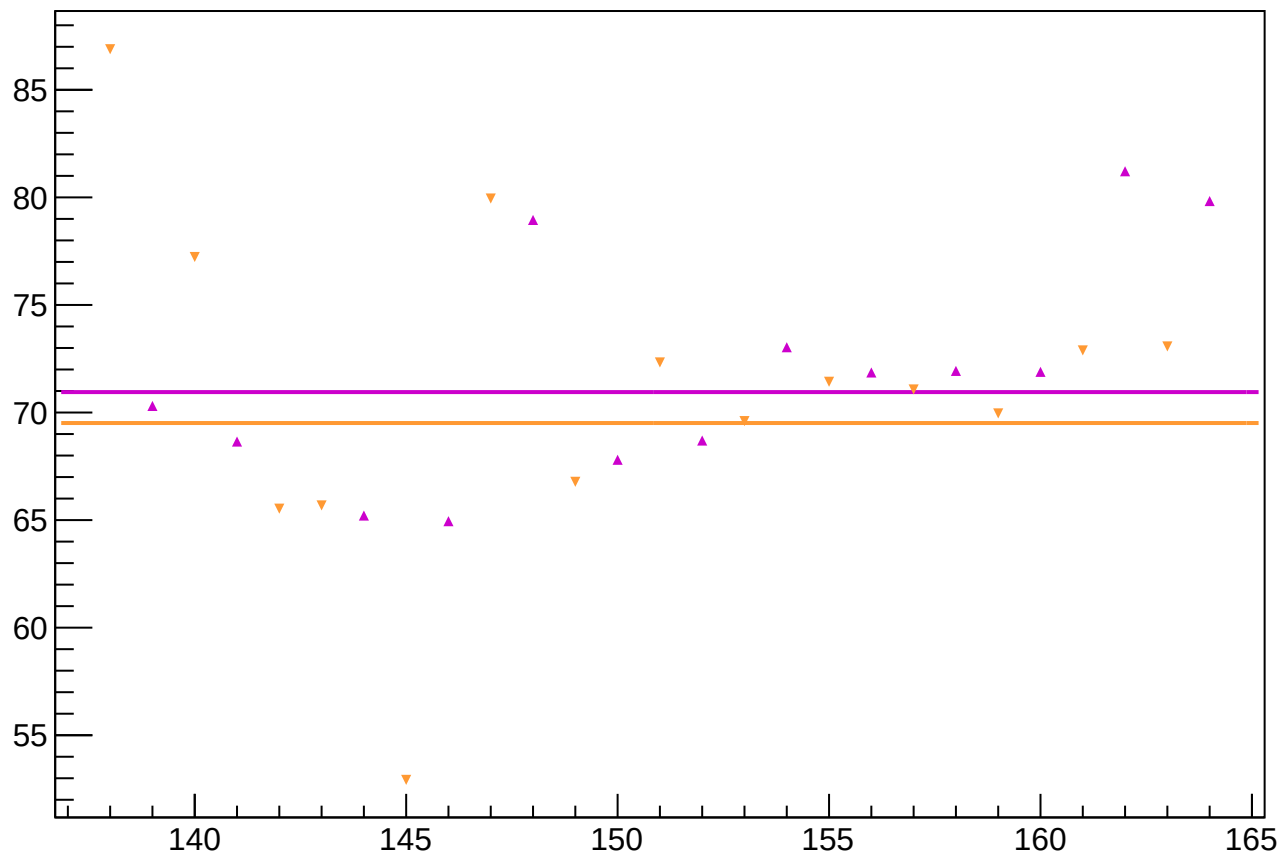
Left In: -7.719 $\pm$ 22.132 χ^2 /NDF:5.7/12

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

All: 9.435 $\pm$ 15.460 χ^2 /NDF: 31.2/26

- 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: 69.512+/-0.015 χ^2/NDF : 272314.7/13

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

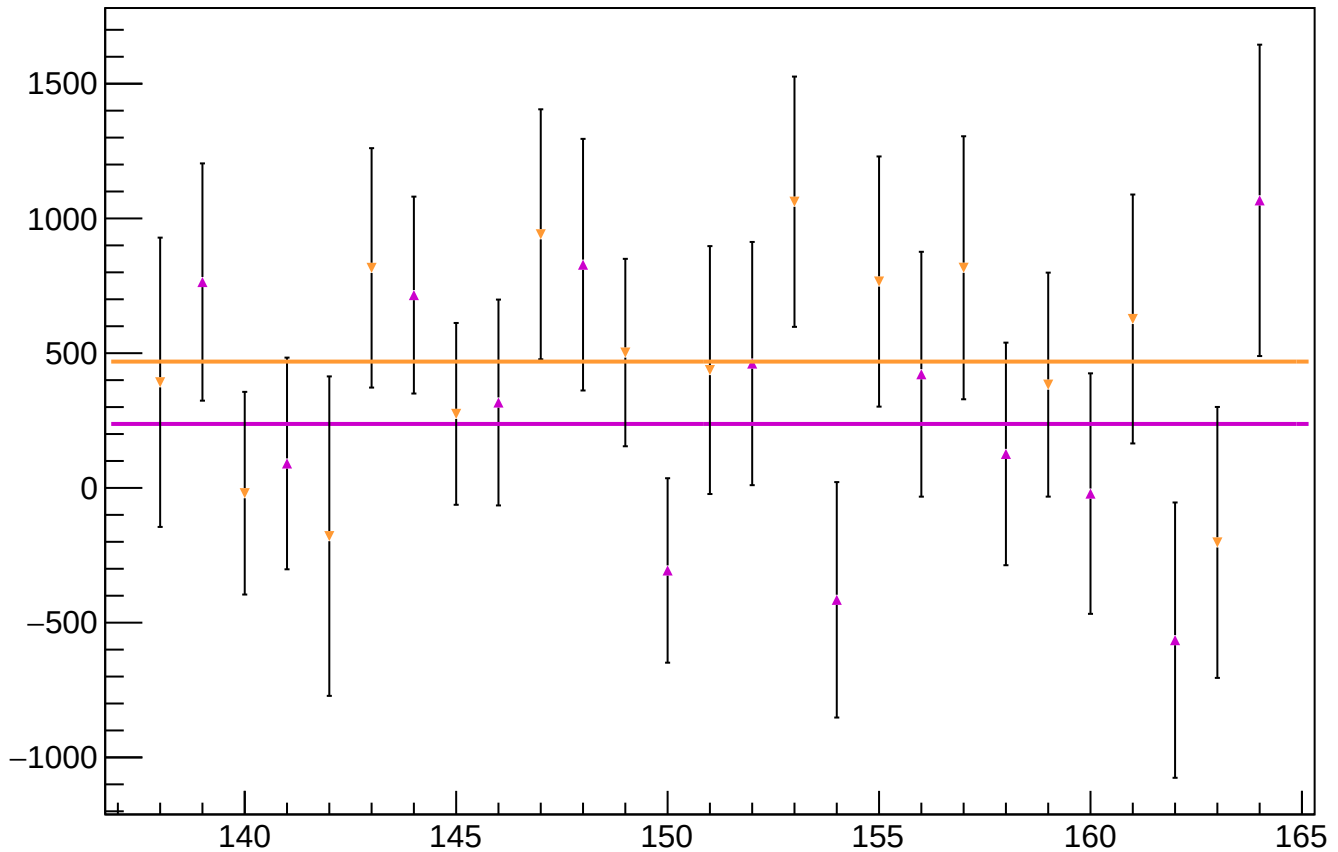
Left In: 70.950+/-0.016 χ^2/NDF : 90766.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.213+/-0.011 χ^2/NDF : 367403.3/26

- 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: 468.816 $\pm$ 117.206 χ^2 /NDF:9.4/13

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

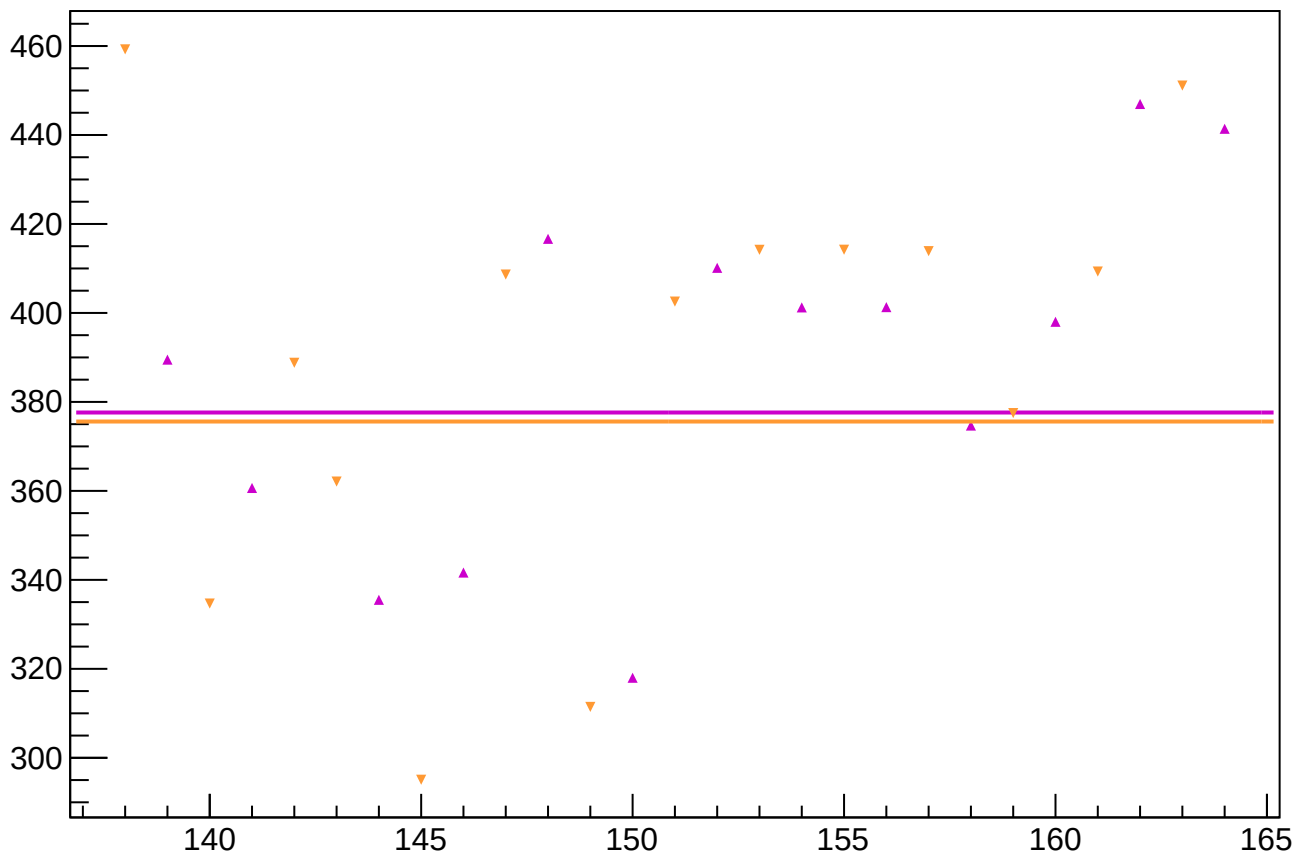
Left In: 237.423 $\pm$ 117.998 χ^2 /NDF:15.0/12

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

All: 353.898 $\pm$ 83.156 χ^2 /NDF: 26.4/26

- 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: 375.594+/-0.083 χ^2/NDF : 369894.7/13

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

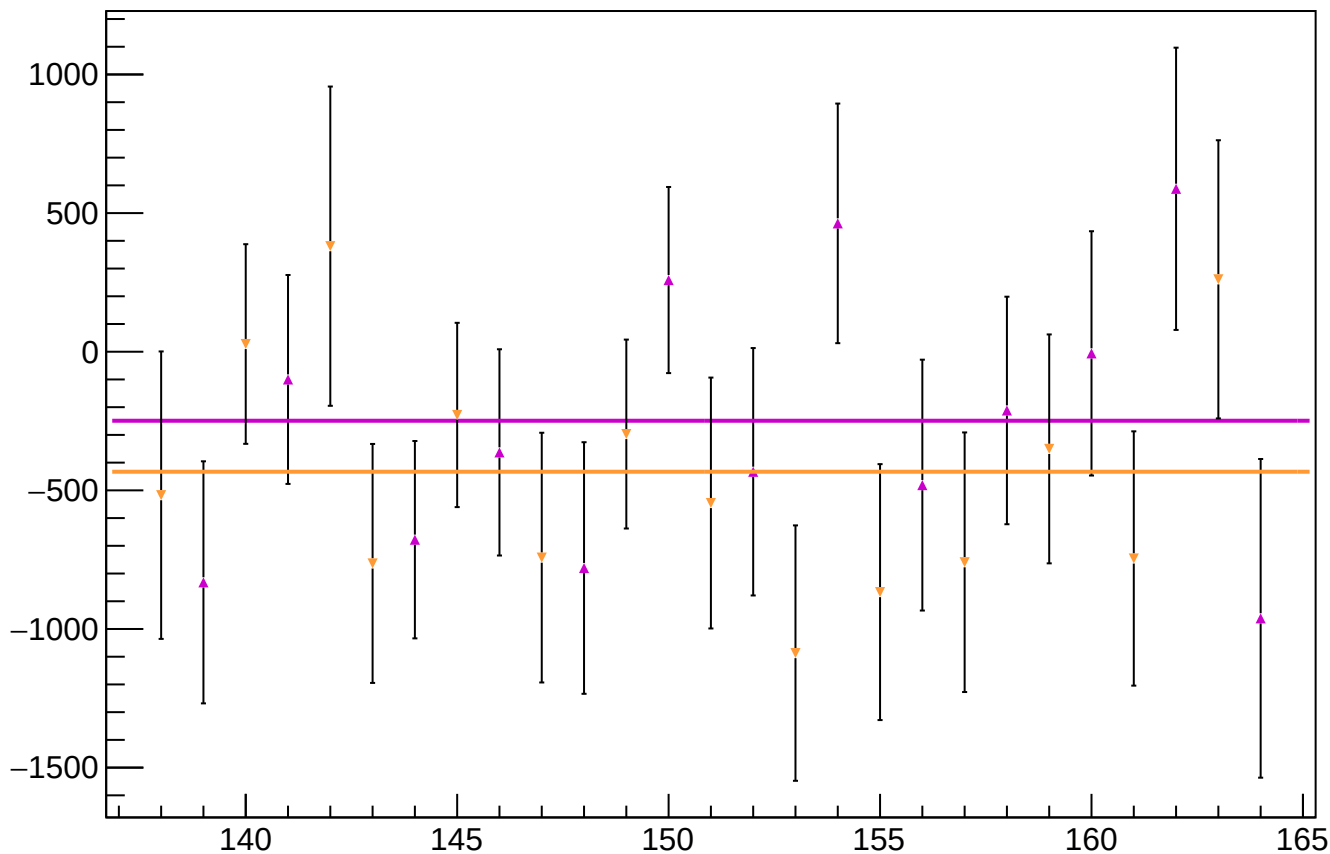
Left In: 377.619+/-0.083 χ^2/NDF : 211361.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.600+/-0.059 χ^2/NDF : 581552.1/26

- 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: -432.825+/-114.792 χ^2/NDF : 11.1/13

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

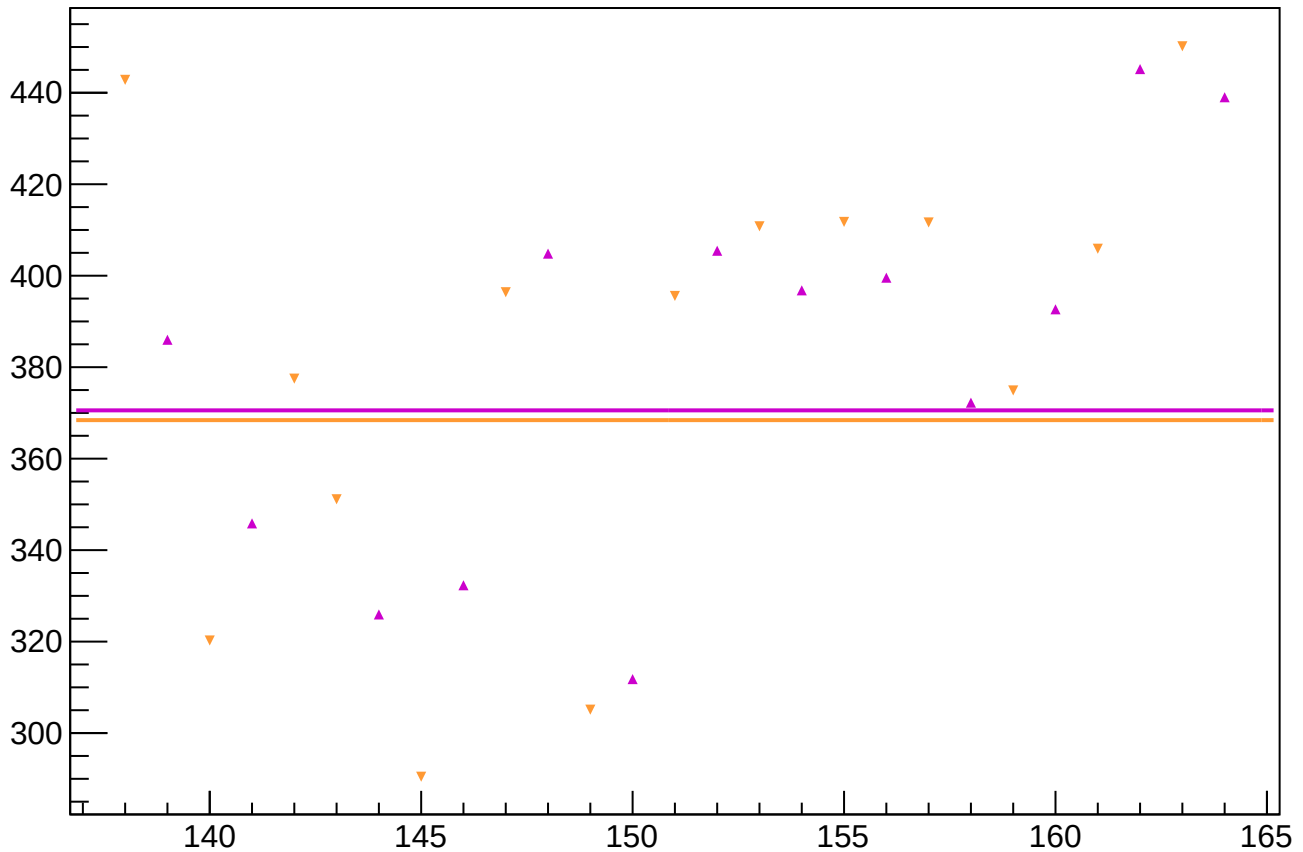
Left In: -248.921+/-115.942 χ^2/NDF : 14.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.789+/-81.574 χ^2/NDF : 27.2/26

- 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: 368.423+/-0.081 χ^2/NDF : 393312.3/13

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

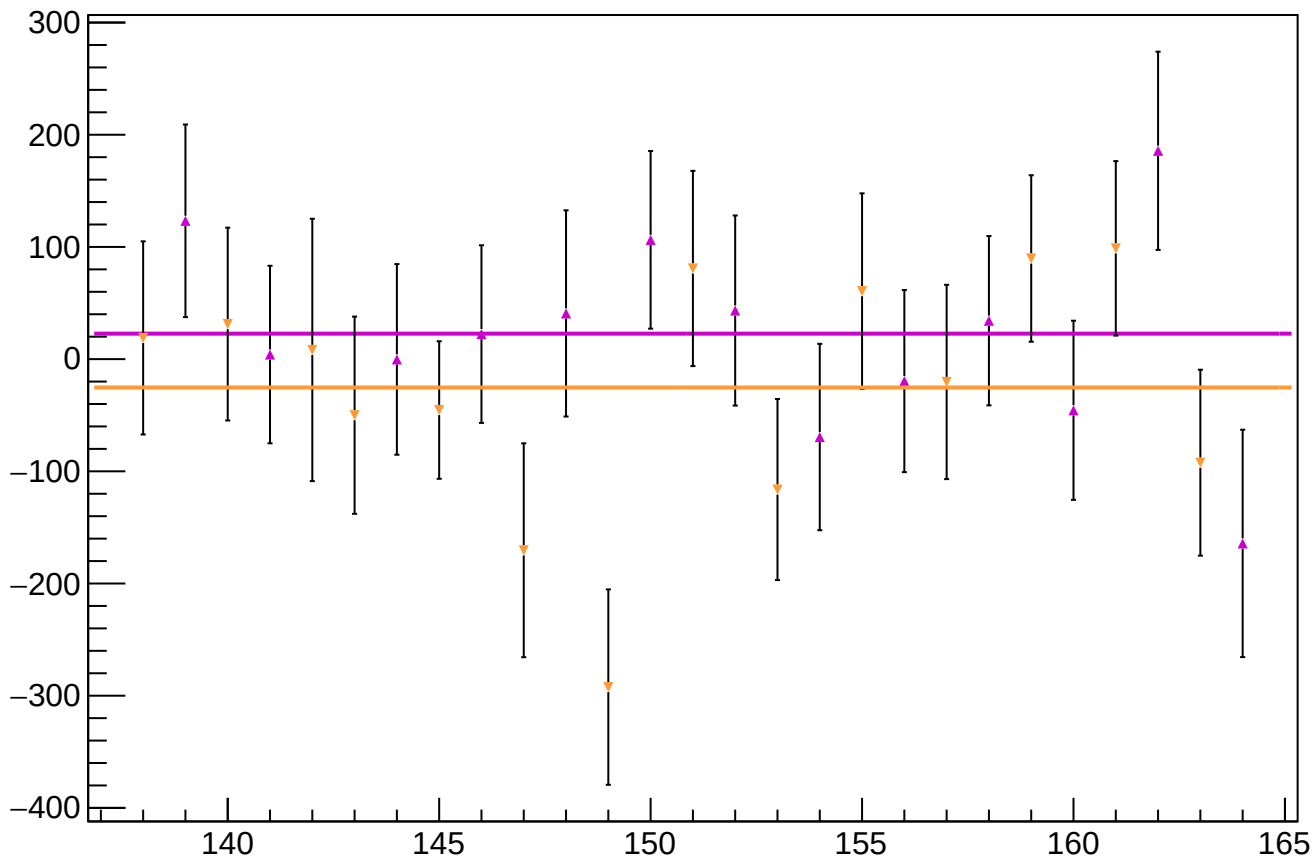
Left In: 370.560+/-0.082 χ^2/NDF : 240625.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.481+/-0.058 χ^2/NDF : 634280.8/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -25.287 ± 22.227 χ^2/NDF : 22.0/13

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

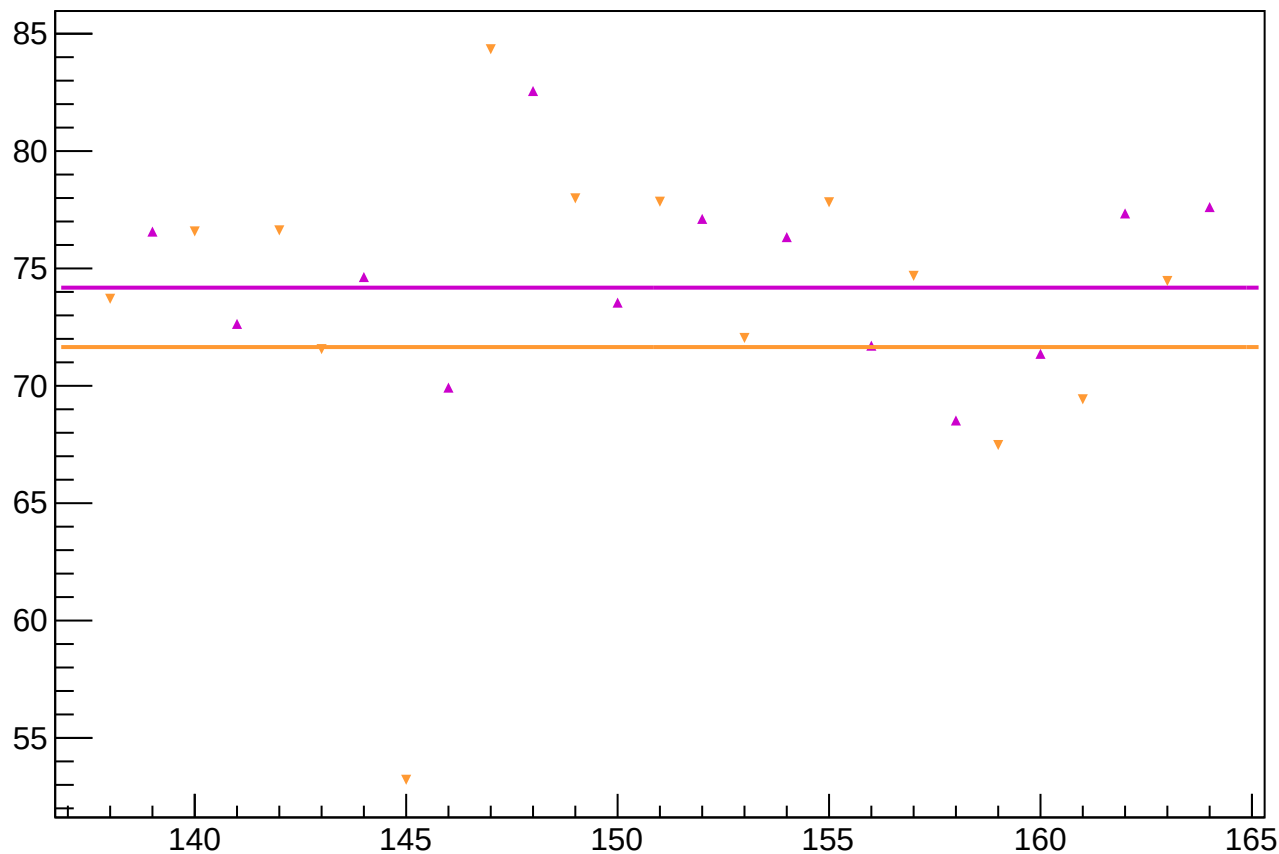
Left In: 22.705 ± 23.152 χ^2/NDF : 11.8/12

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.269 ± 16.034 χ^2/NDF : 36.0/26

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 71.651+/-0.016 χ^2/NDF : 271137.2/13

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

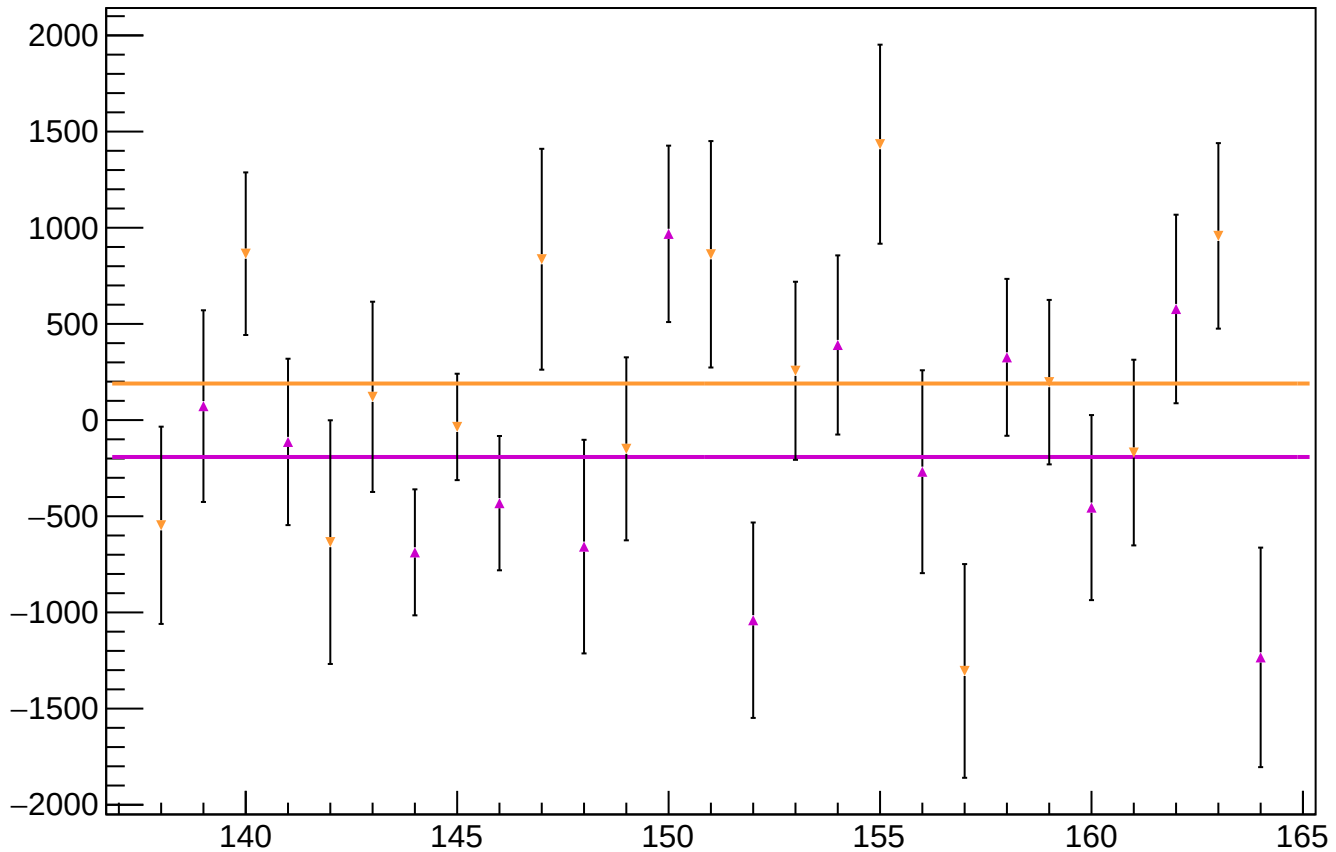
Left In: 74.182+/-0.016 χ^2/NDF : 49081.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.865+/-0.011 χ^2/NDF : 332656.9/26

- 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: 190.078+/-123.945 χ^2/NDF : 26.2/13

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

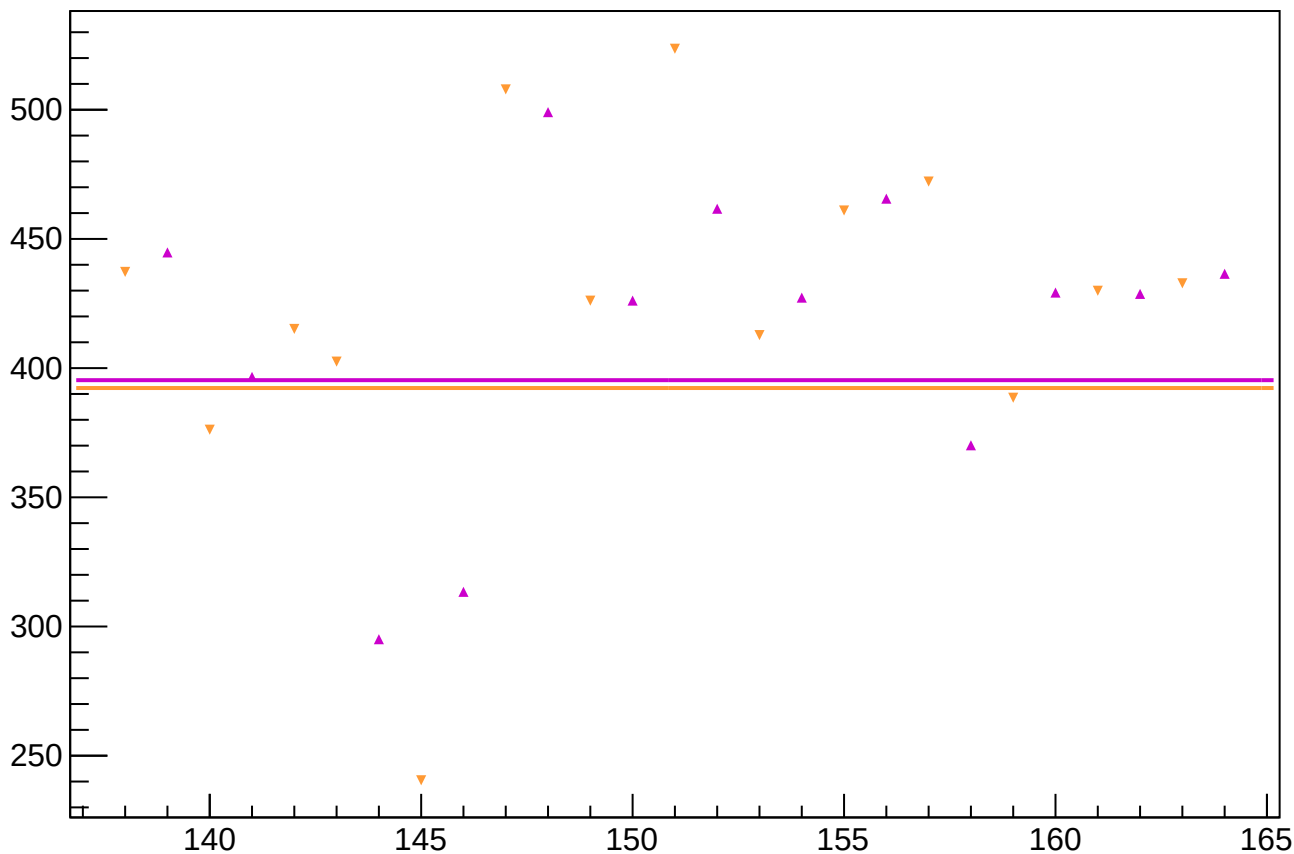
Left In: -191.842+/-124.475 χ^2/NDF : 22.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.067+/-87.829 χ^2/NDF : 53.2/26

- 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: 392.300+/-0.088 χ^2/NDF : 921971.2/13

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

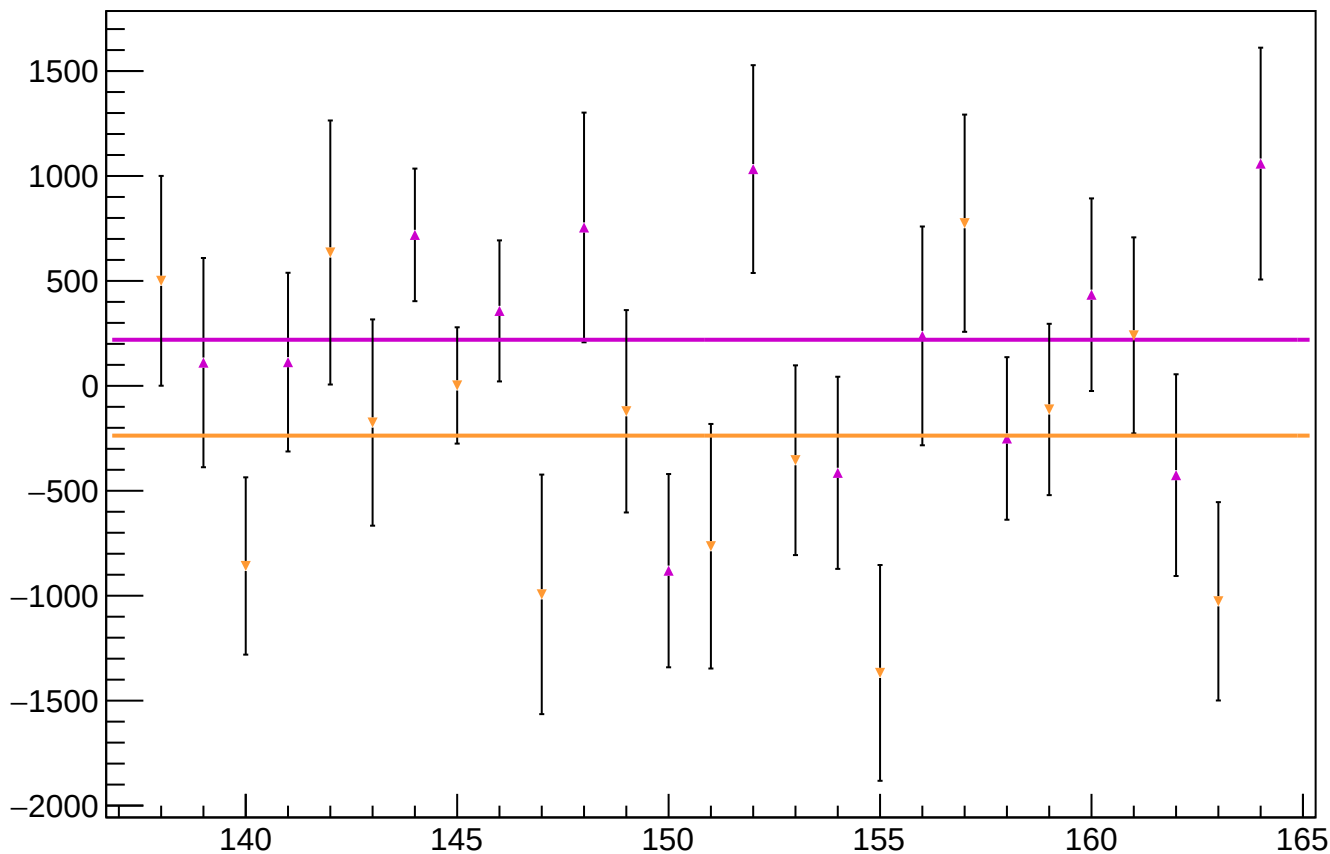
Left In: 395.337+/-0.088 χ^2/NDF : 512275.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.812+/-0.062 χ^2/NDF : 1434845.1/26

- 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: -237.153 $\pm$ 122.091 χ^2 /NDF:22.3/13

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

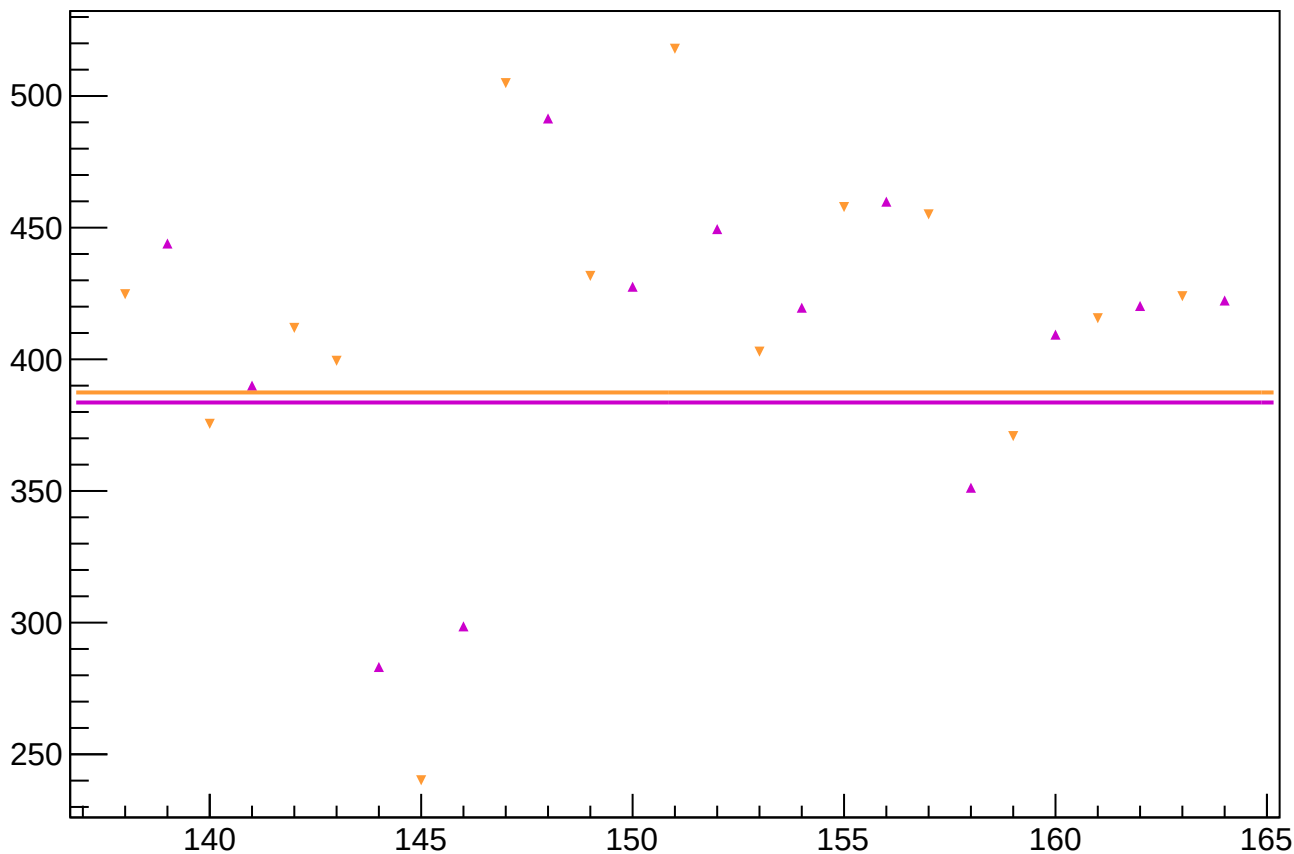
Left In: 219.619 $\pm$ 121.244 χ^2 /NDF:19.9/12

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

All: -7.177 $\pm$ 86.030 χ^2 /NDF: 49.2/26

- 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: 387.414+/-0.086 χ^2/NDF : 880414.1/13

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

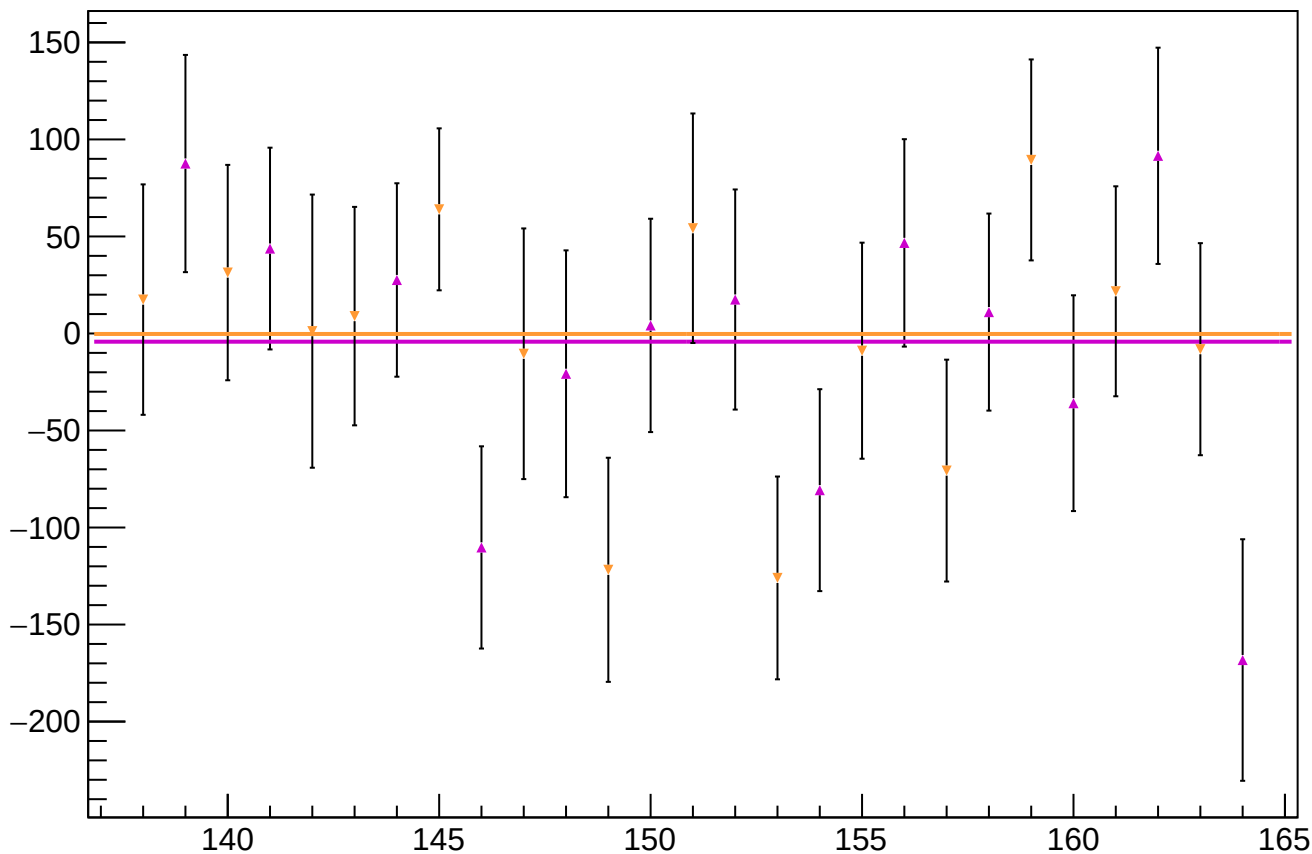
Left In: 383.602+/-0.086 χ^2/NDF : 588310.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.494+/-0.061 χ^2/NDF : 1469705.6/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: -0.248+/-14.793 χ^2/NDF :18.6/13

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

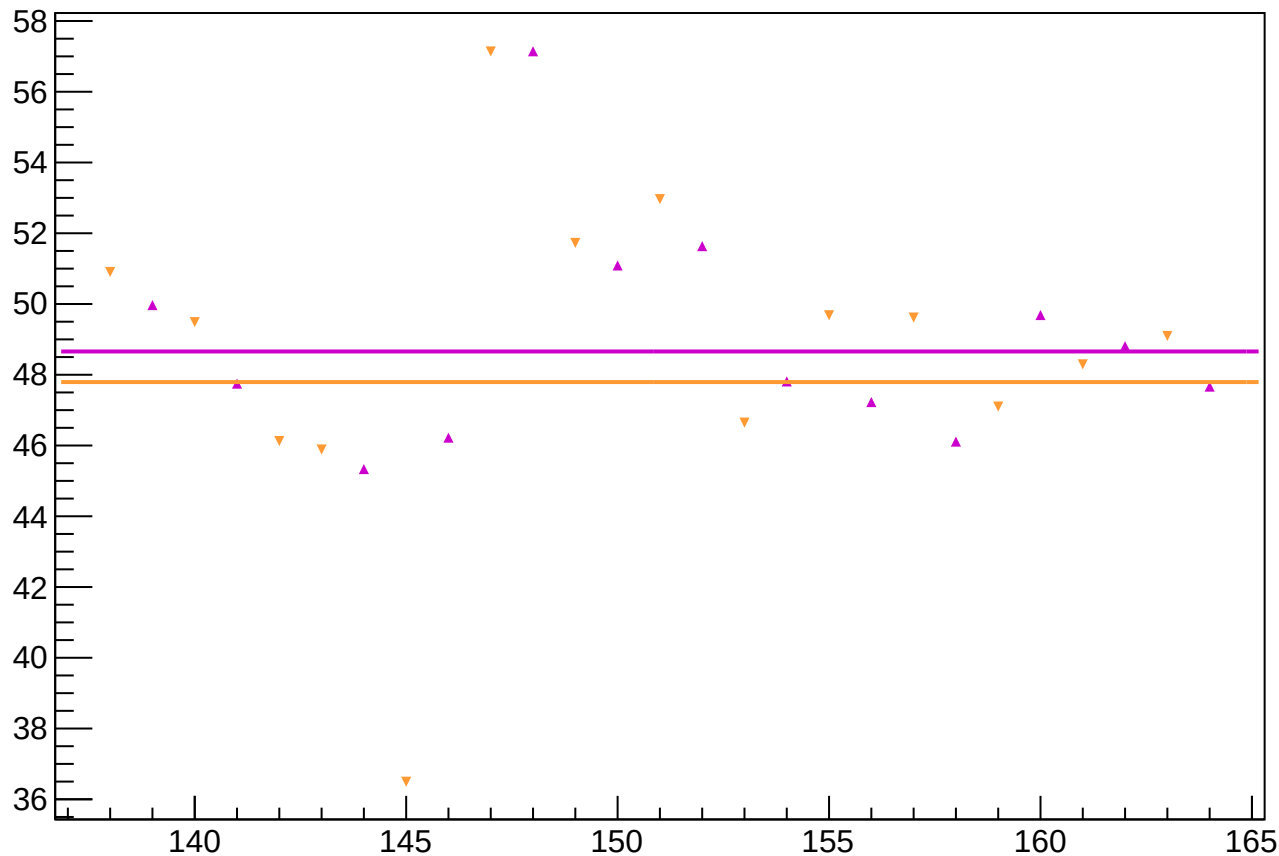
Left In: -4.237+/-15.145 χ^2/NDF :21.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.196+/-10.582 χ^2/NDF : 40.4/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 47.794 +/- 0.010 χ^2/NDF : 230743.3/13

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

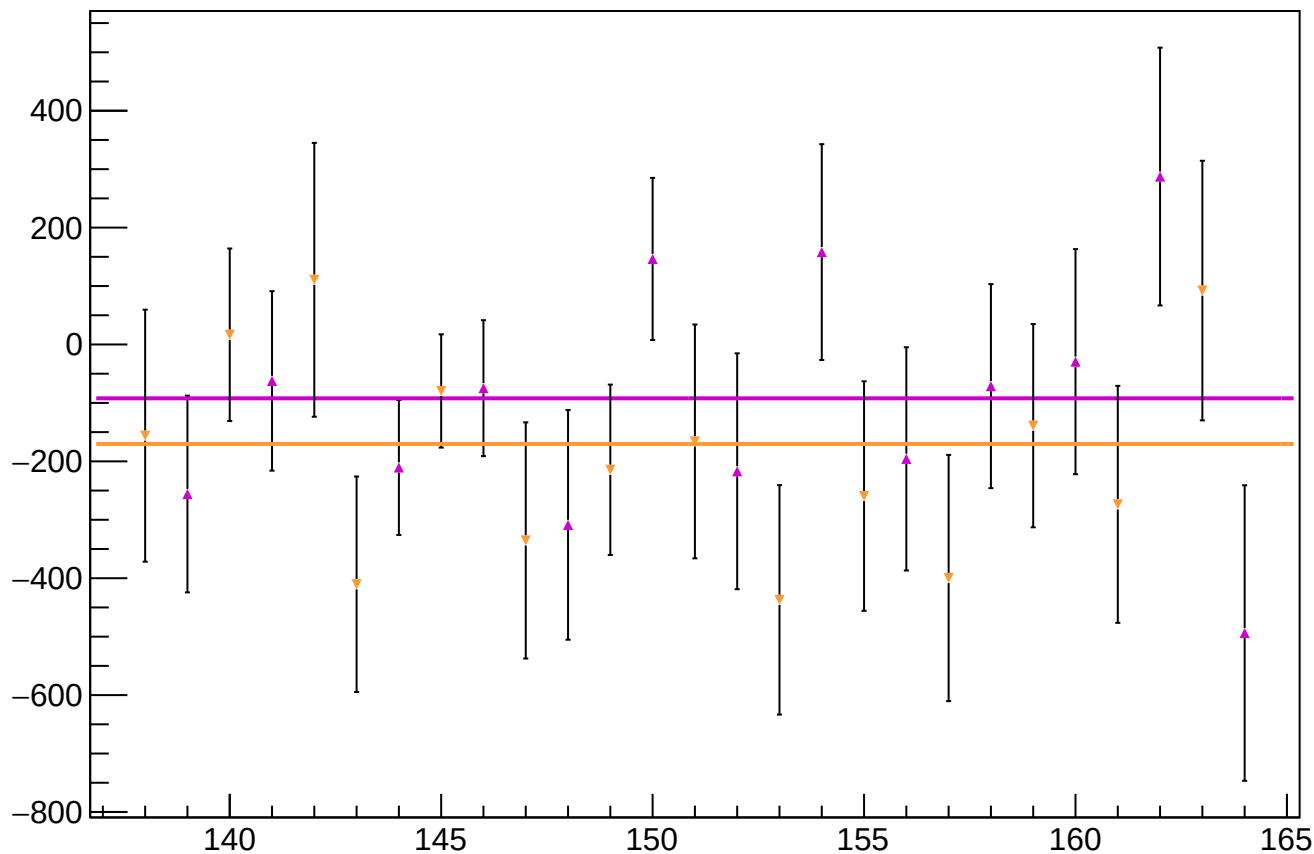
Left In: 48.658 +/- 0.011 χ^2/NDF : 68206.9/12

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 48.216 +/- 0.007 χ^2/NDF : 302284.8/26

- 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: -170.200+/-46.122 χ^2/NDF : 11.3/13

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

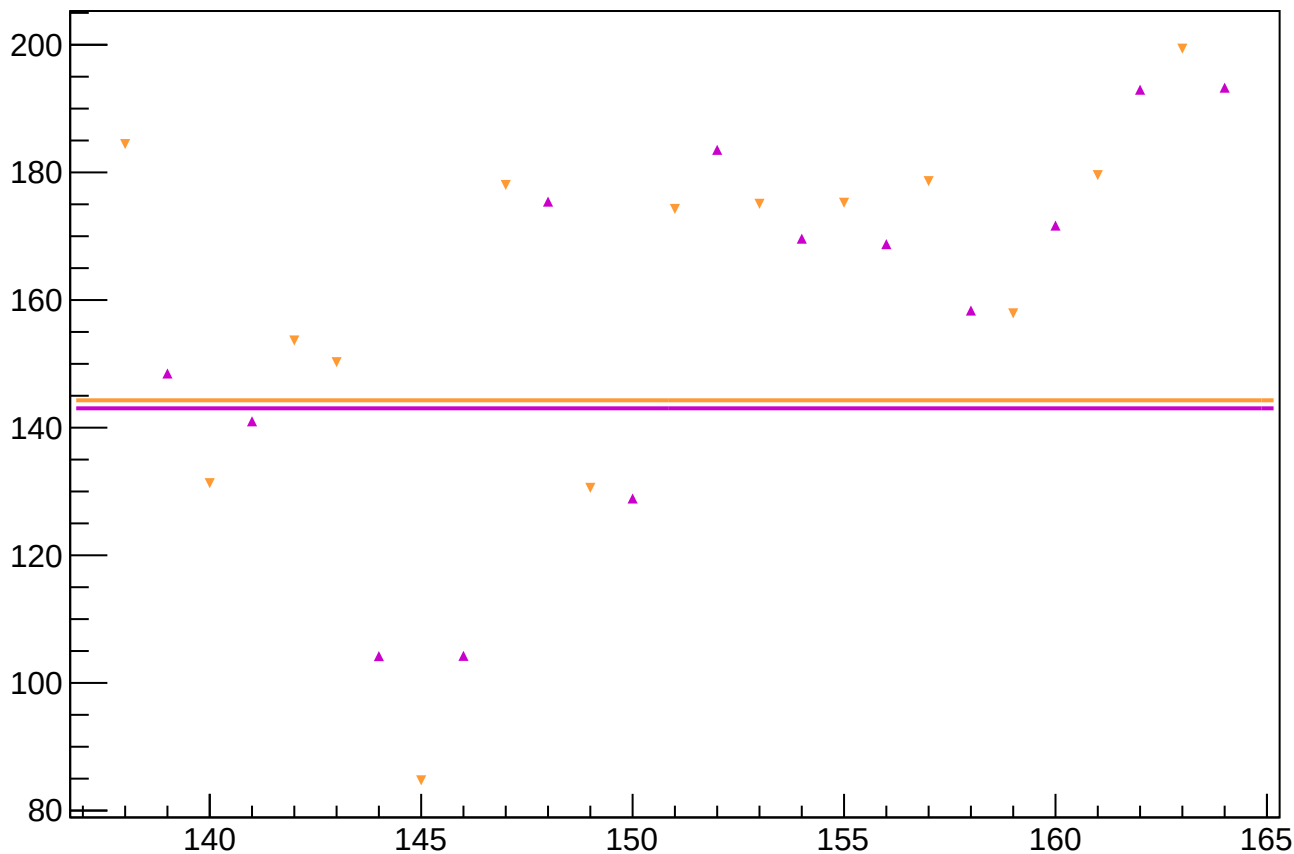
Left In: -92.145+/-45.565 χ^2/NDF : 14.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.699+/-32.415 χ^2/NDF : 27.1/26

- 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: 144.288+/-0.033 χ^2/NDF :1311982.1/13

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

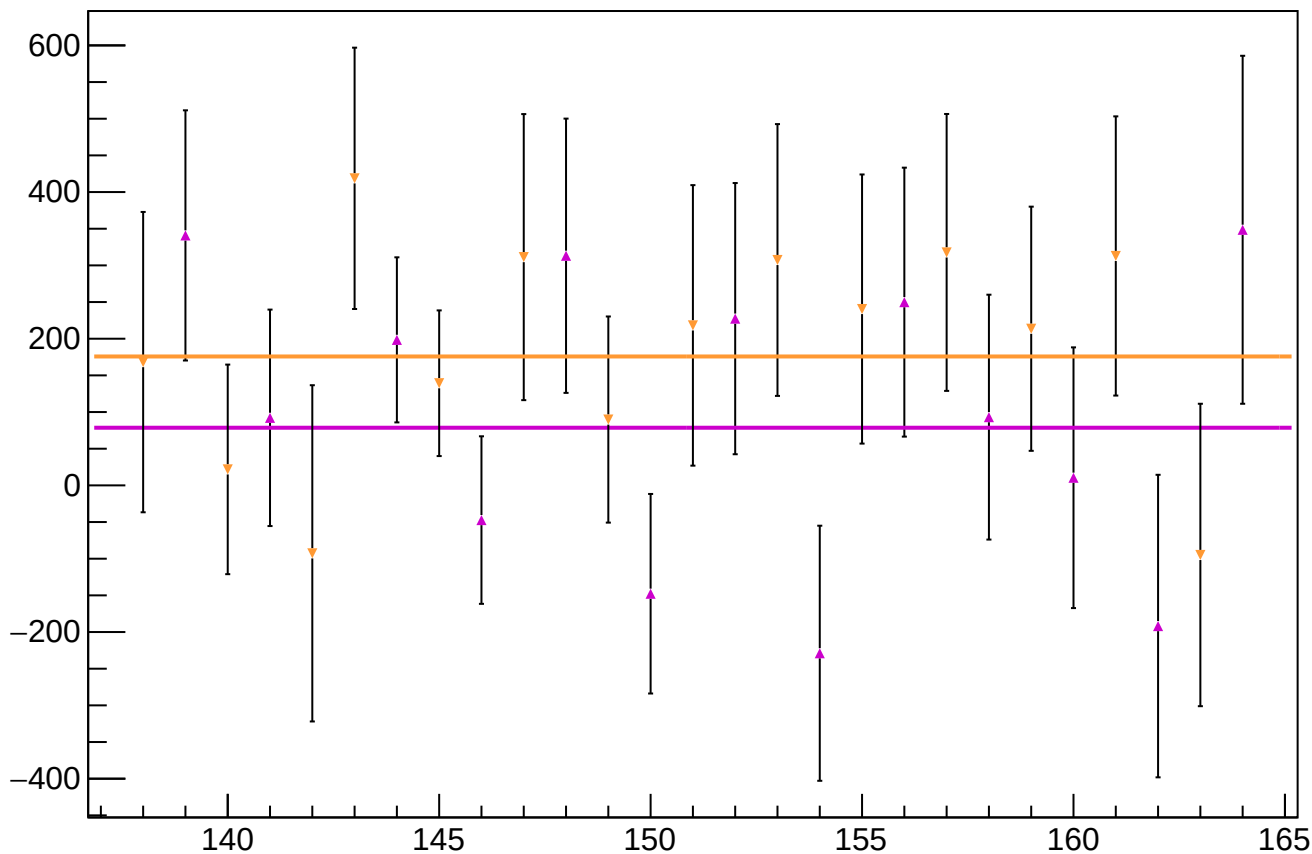
Left In: 143.031+/-0.032 χ^2/NDF :925357.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.652+/-0.023 χ^2/NDF : 2238090.9/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 175.780+/-44.589 χ^2/NDF : 8.9/13

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

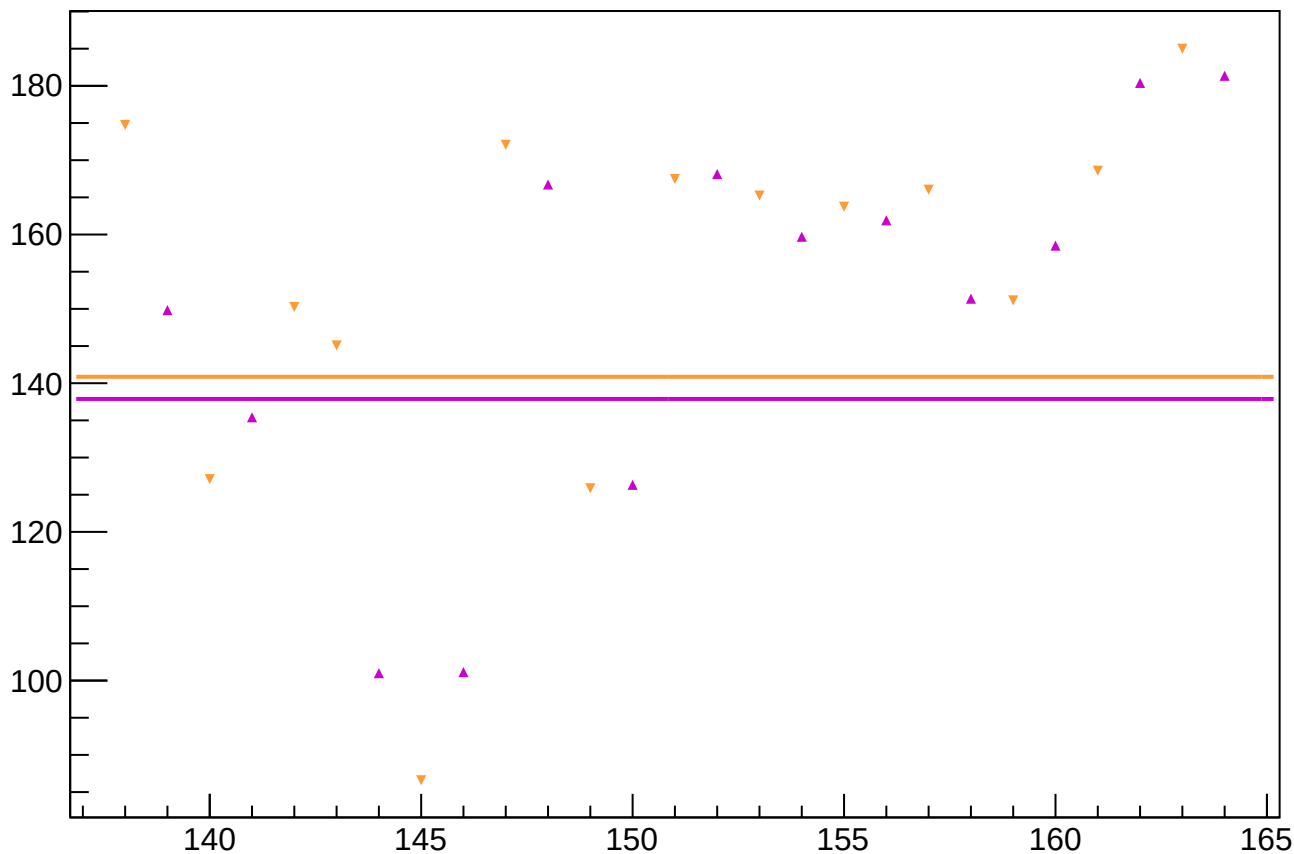
Left In: 78.606+/-43.885 χ^2/NDF : 16.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.420+/-31.277 χ^2/NDF : 28.2/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 140.863+/-0.032 χ^2/NDF :1030462.7/13

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

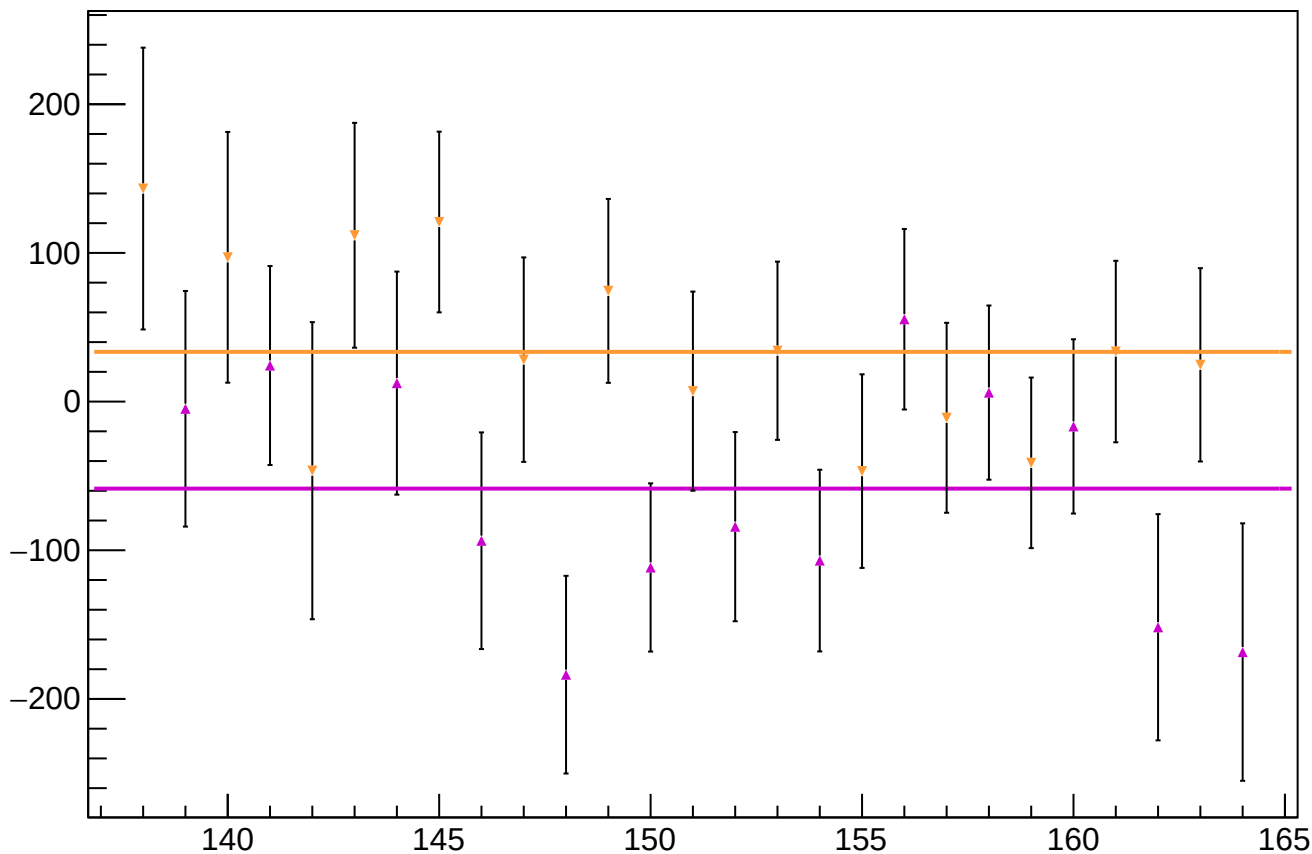
Left In: 137.883+/-0.031 χ^2/NDF :805509.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.349+/-0.022 χ^2/NDF : 1840511.6/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 33.442+/-18.073 χ^2/NDF :10.0/13

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

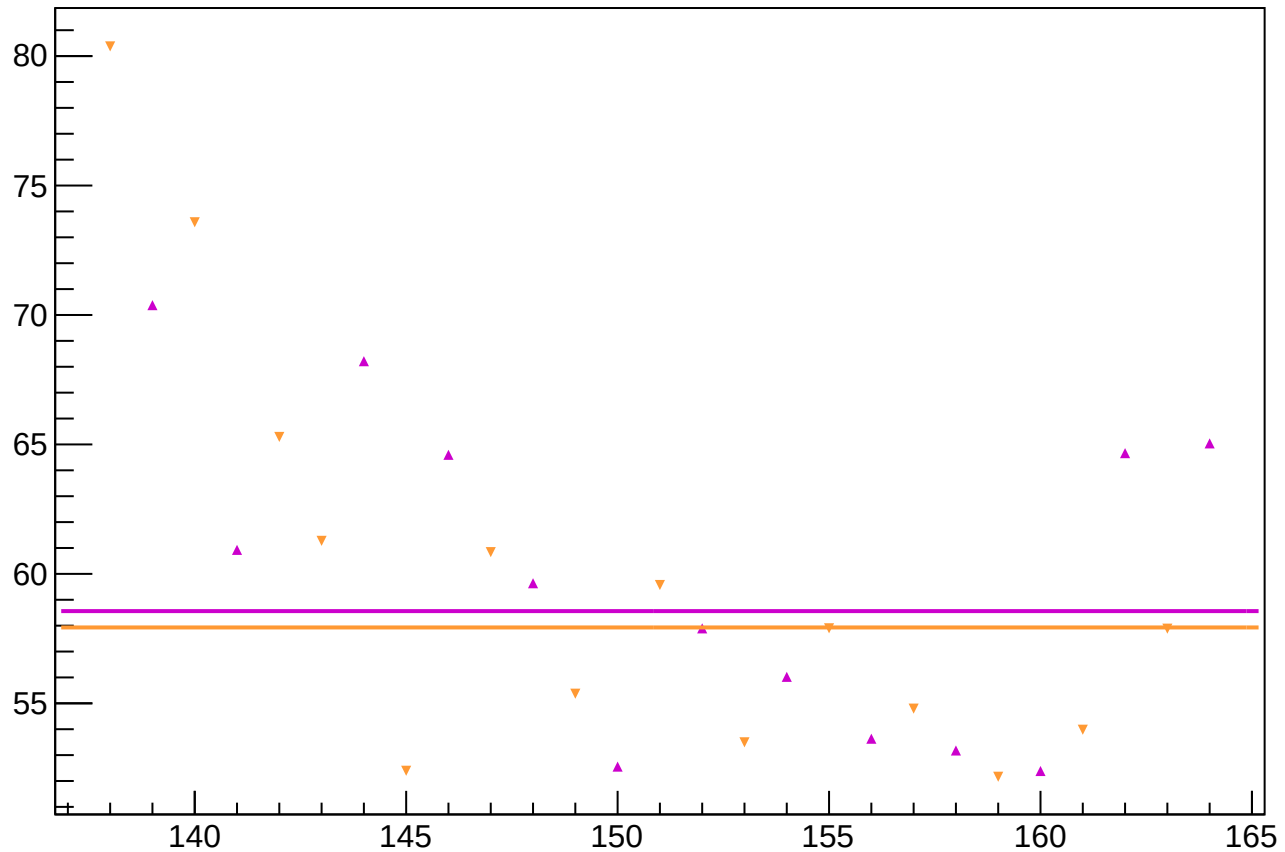
Left In: -58.532+/-18.373 χ^2/NDF :16.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.789+/-12.884 χ^2/NDF : 39.4/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 57.931+/-0.013 χ^2/NDF : 264970.1/13

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

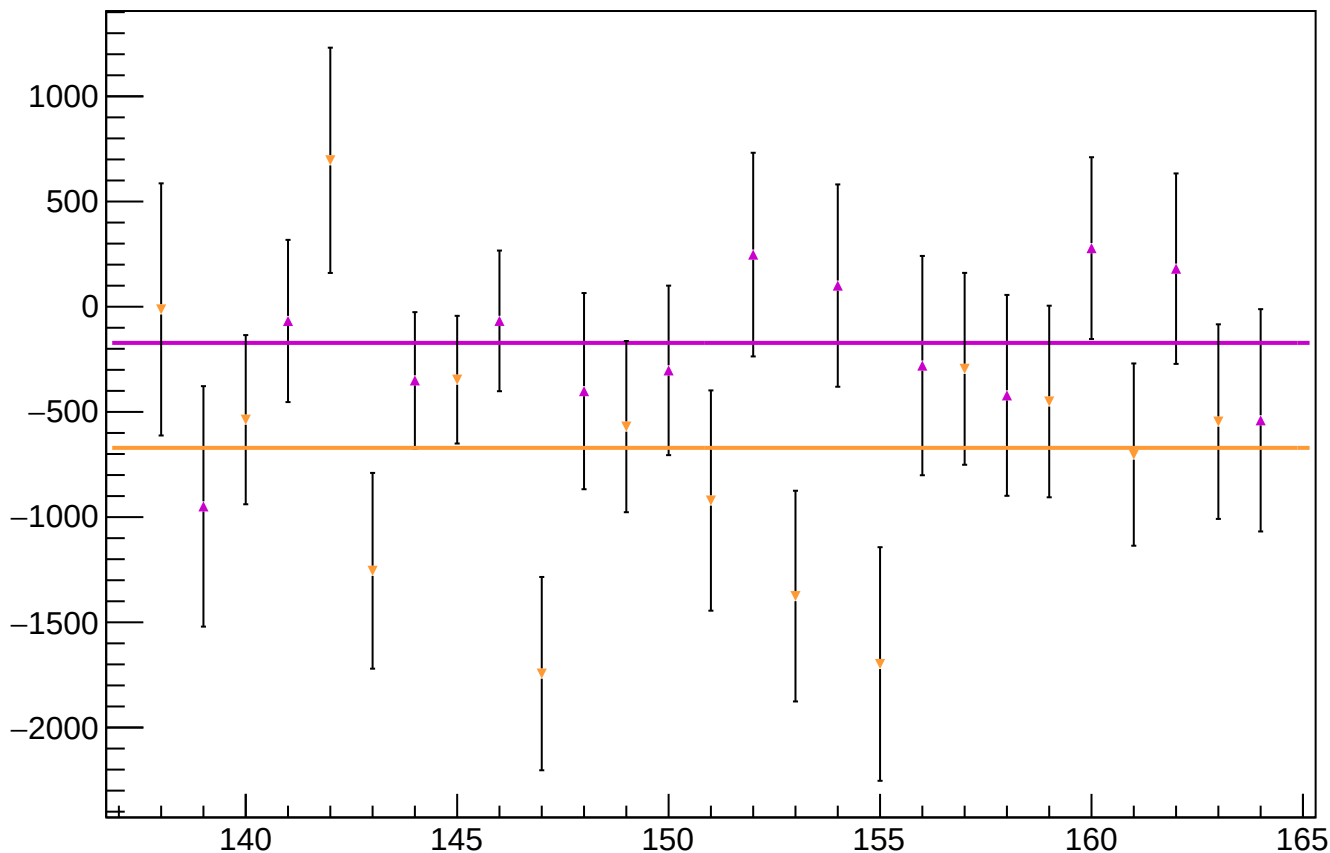
Left In: 58.562+/-0.013 χ^2/NDF : 196922.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.241+/-0.009 χ^2/NDF : 463092.5/26

- 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: -670.800+/-120.178 χ^2/NDF : 22.7/13

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

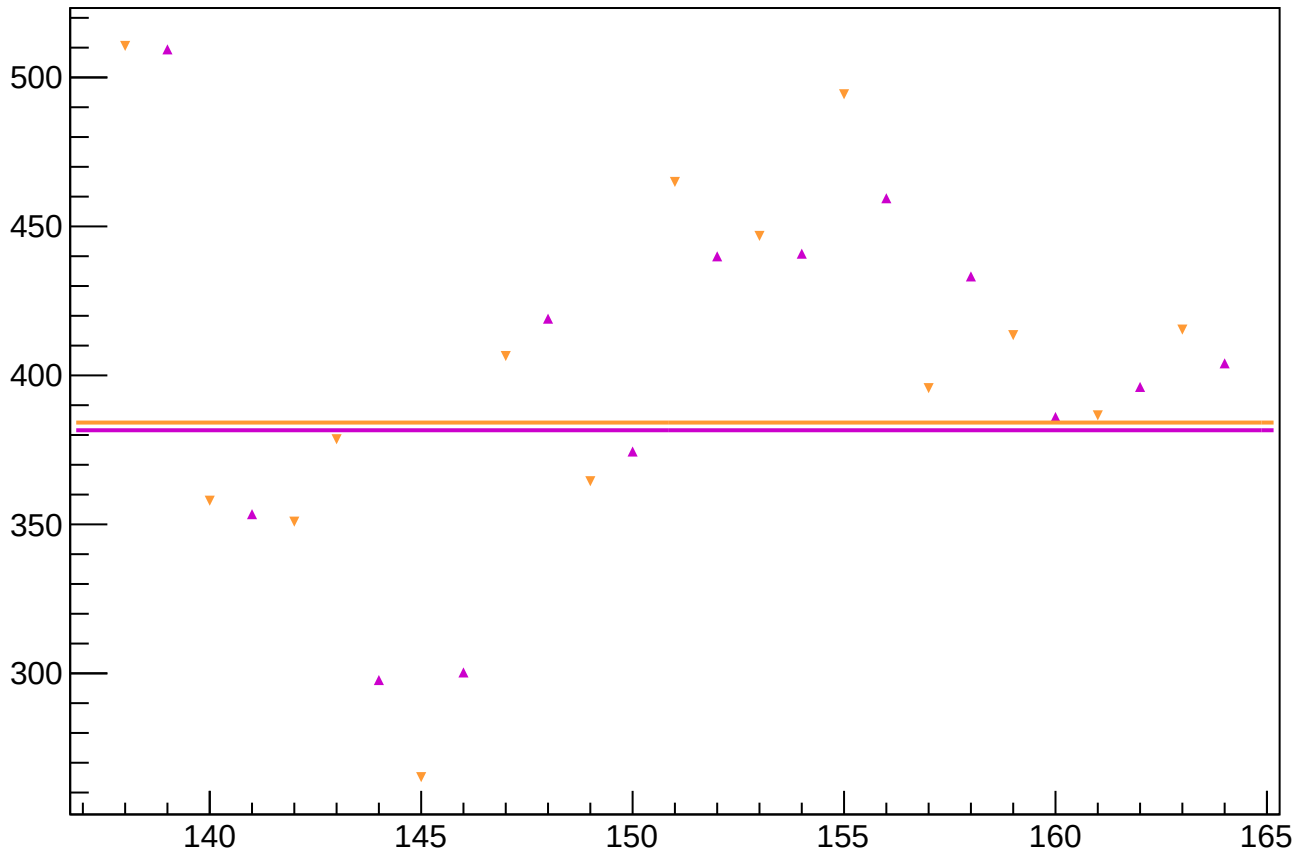
Left In: -171.951+/-119.957 χ^2/NDF : 6.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.917+/-84.900 χ^2/NDF : 37.6/26

- 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: 384.170+/-0.085 χ^2/NDF : 599019.2/13

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

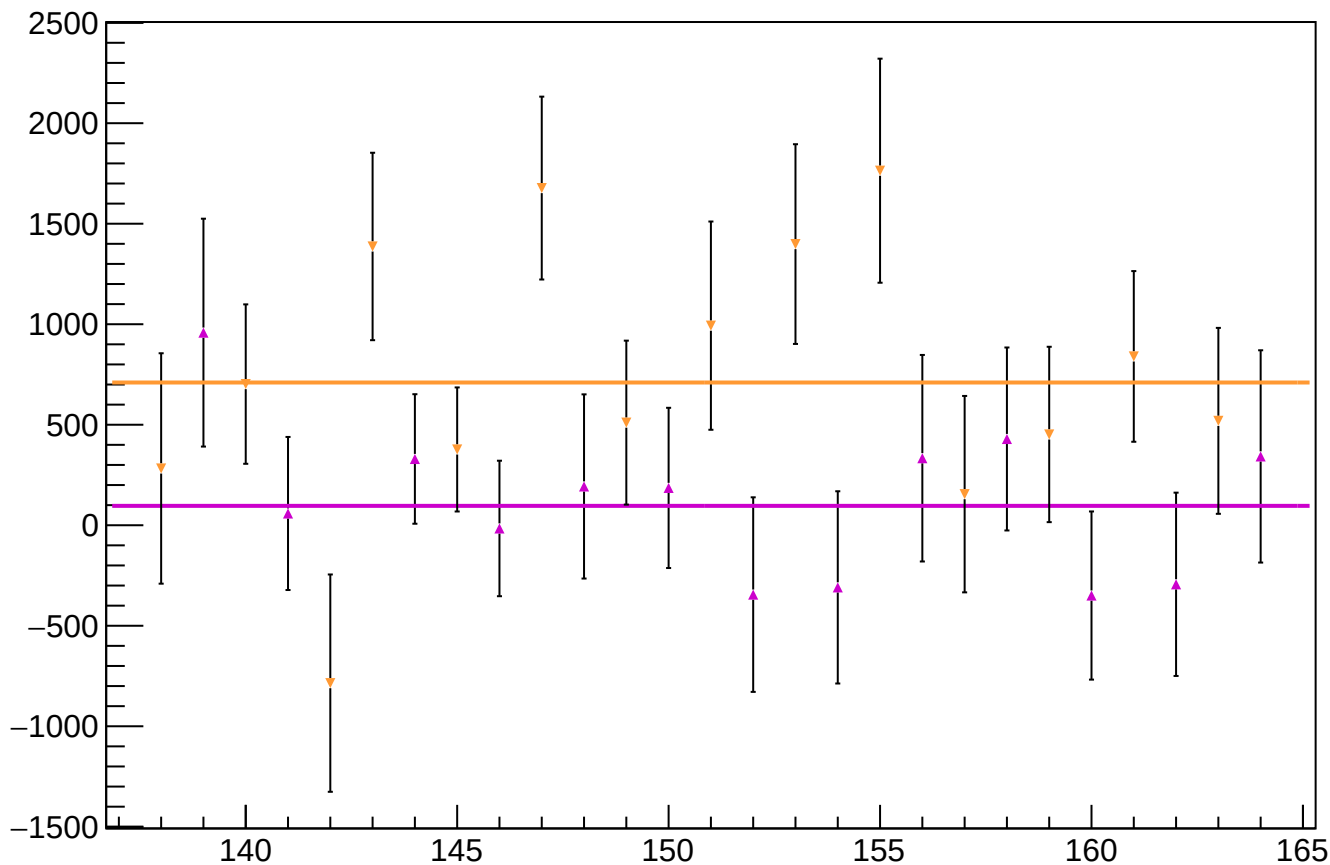
Left In: 381.589+/-0.085 χ^2/NDF : 509569.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.877+/-0.060 χ^2/NDF : 1109050.4/26

- 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: 710.097+/-119.999 χ^2/NDF : 23.9/13

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

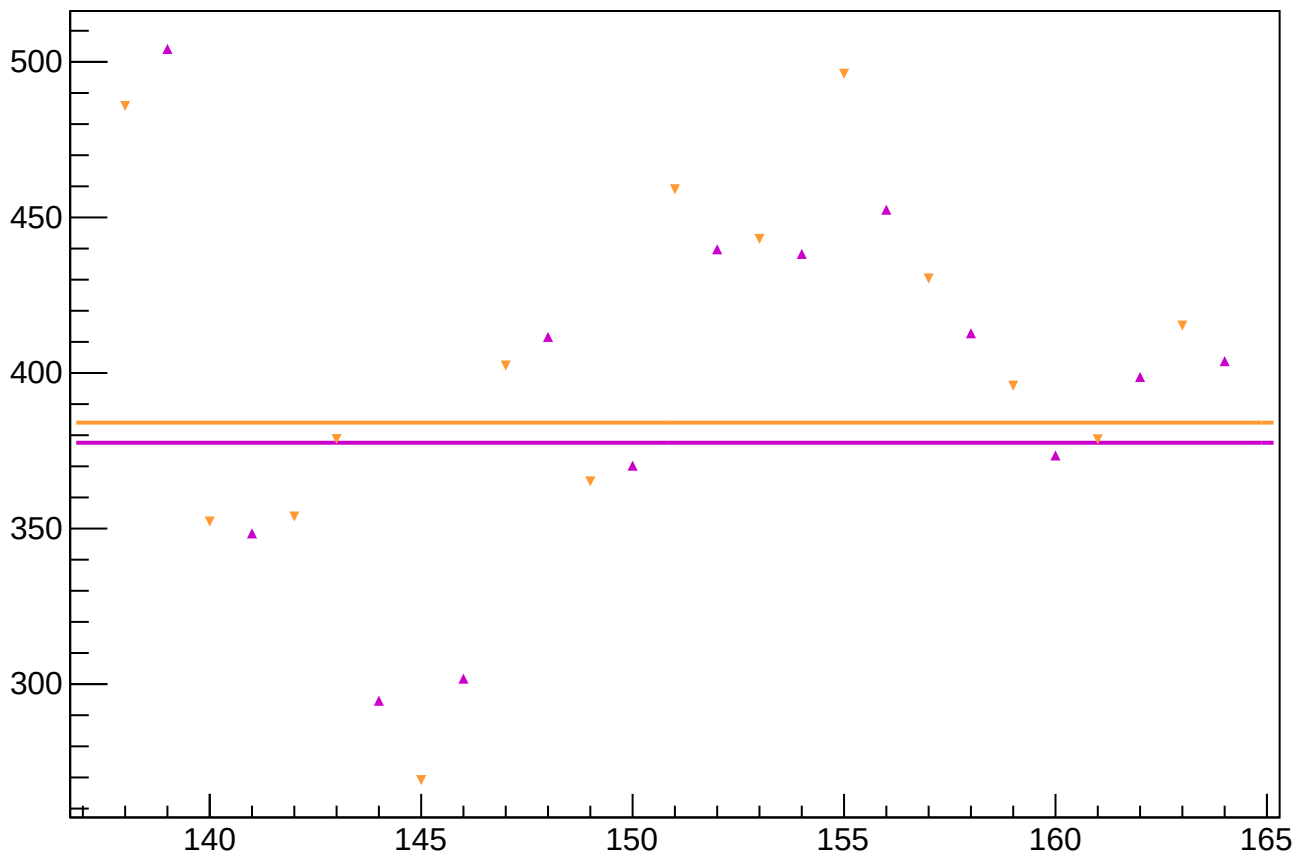
Left In: 96.465+/-118.773 χ^2/NDF : 7.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.131+/-84.415 χ^2/NDF : 44.6/26

- 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: 384.058+/-0.085 χ^2/NDF : 547335.7/13

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

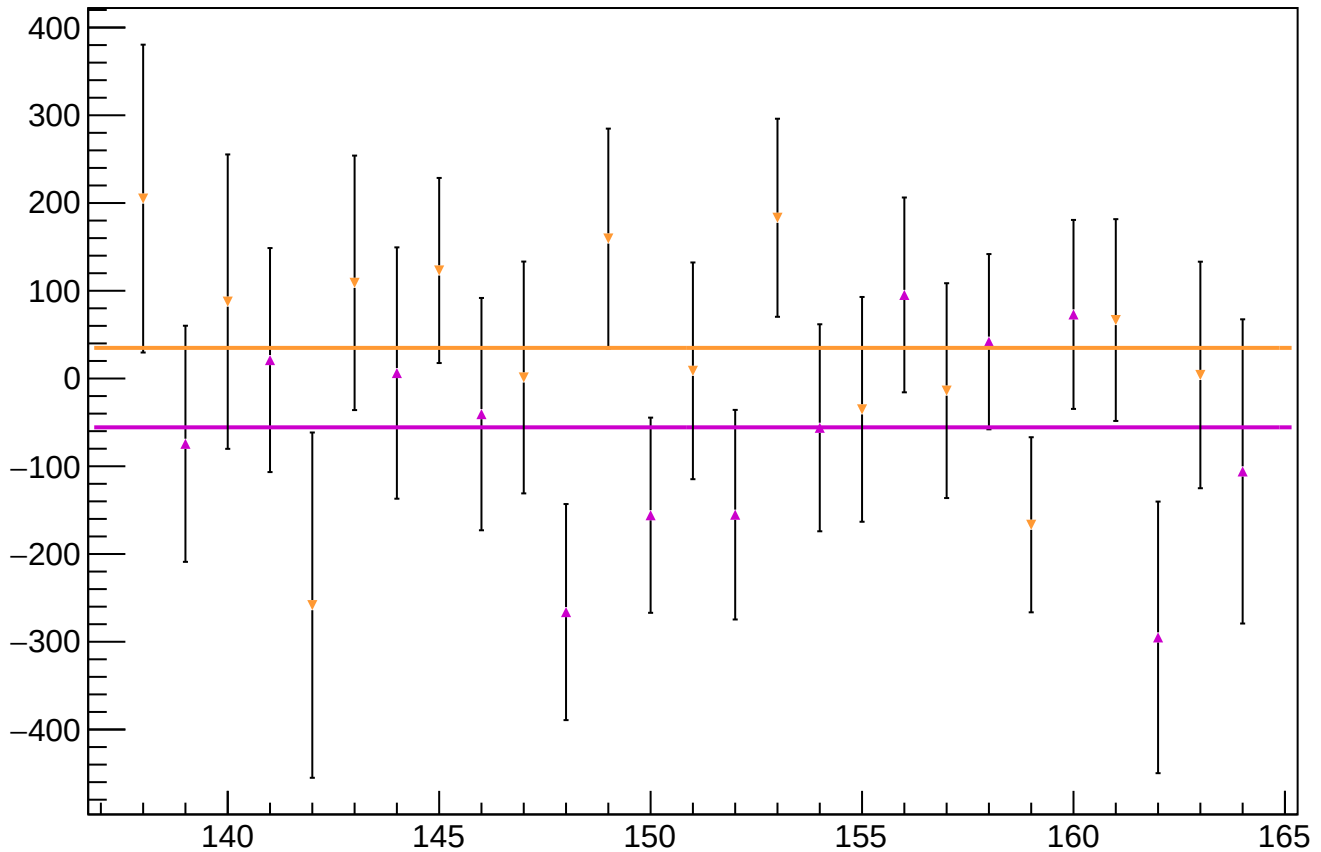
Left In: 377.580+/-0.084 χ^2/NDF : 486063.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.785+/-0.060 χ^2/NDF : 1036343.2/26

- 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: 34.909 $\pm$ 34.096 χ^2 /NDF:11.7/13

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

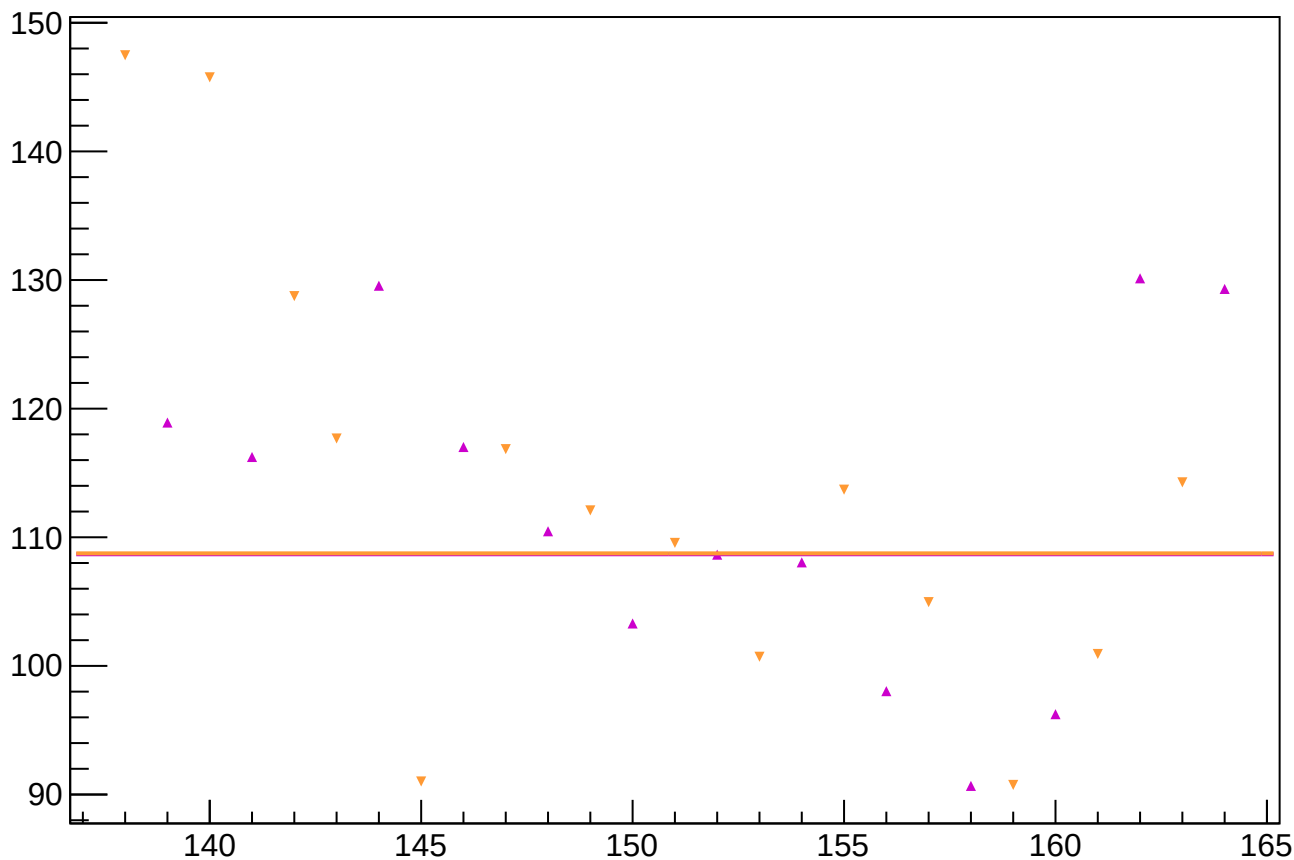
Left In: -55.627 $\pm$ 34.222 χ^2 /NDF:11.7/12

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

All: -10.192 $\pm$ 24.154 χ^2 /NDF: 27.0/26

- 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: 108.750+/-0.024 χ^2/NDF : 381703.9/13

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

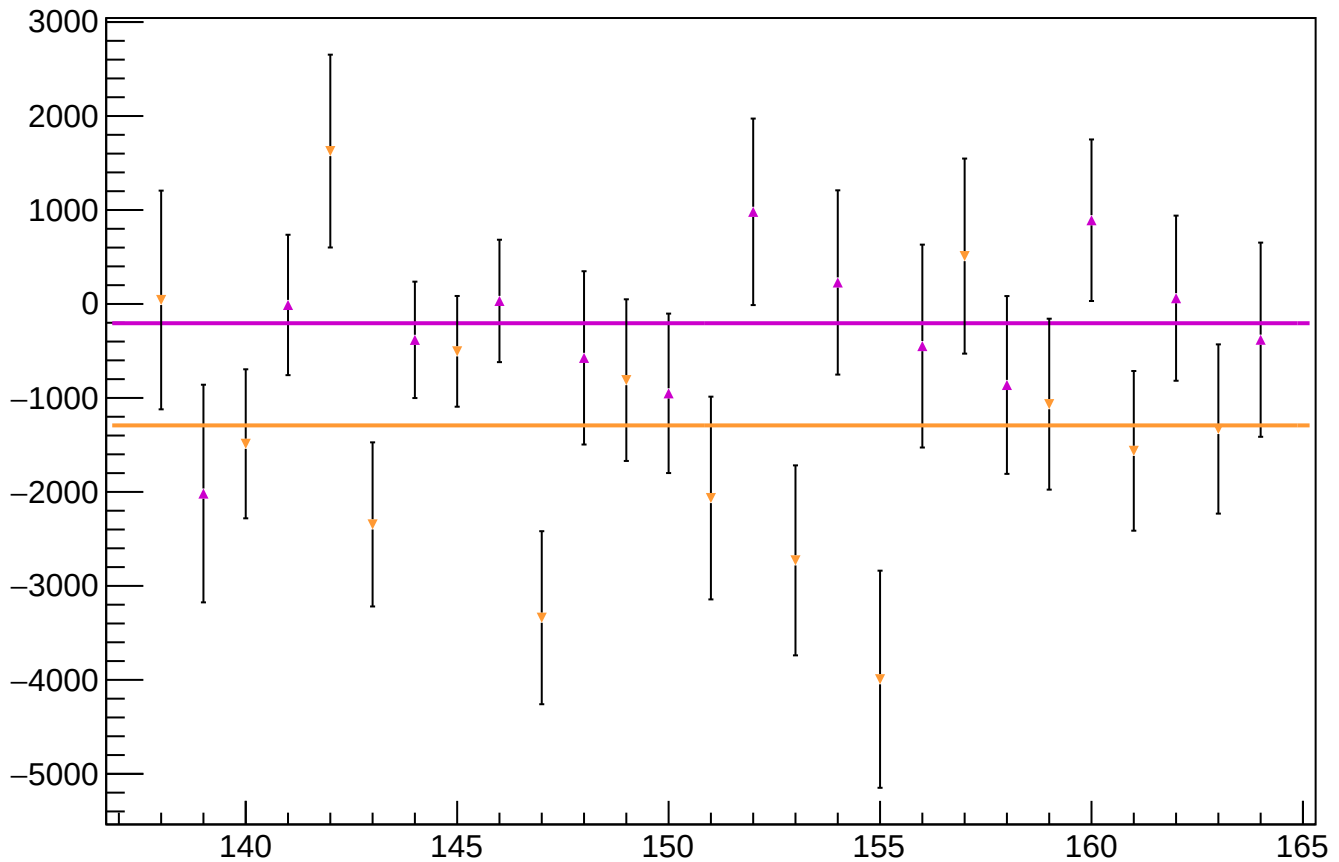
Left In: 108.679+/-0.024 χ^2/NDF : 251044.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.715+/-0.017 χ^2/NDF : 632752.7/26

- 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: -1292.078+/-240.109 χ^2/NDF : 29.1/13

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

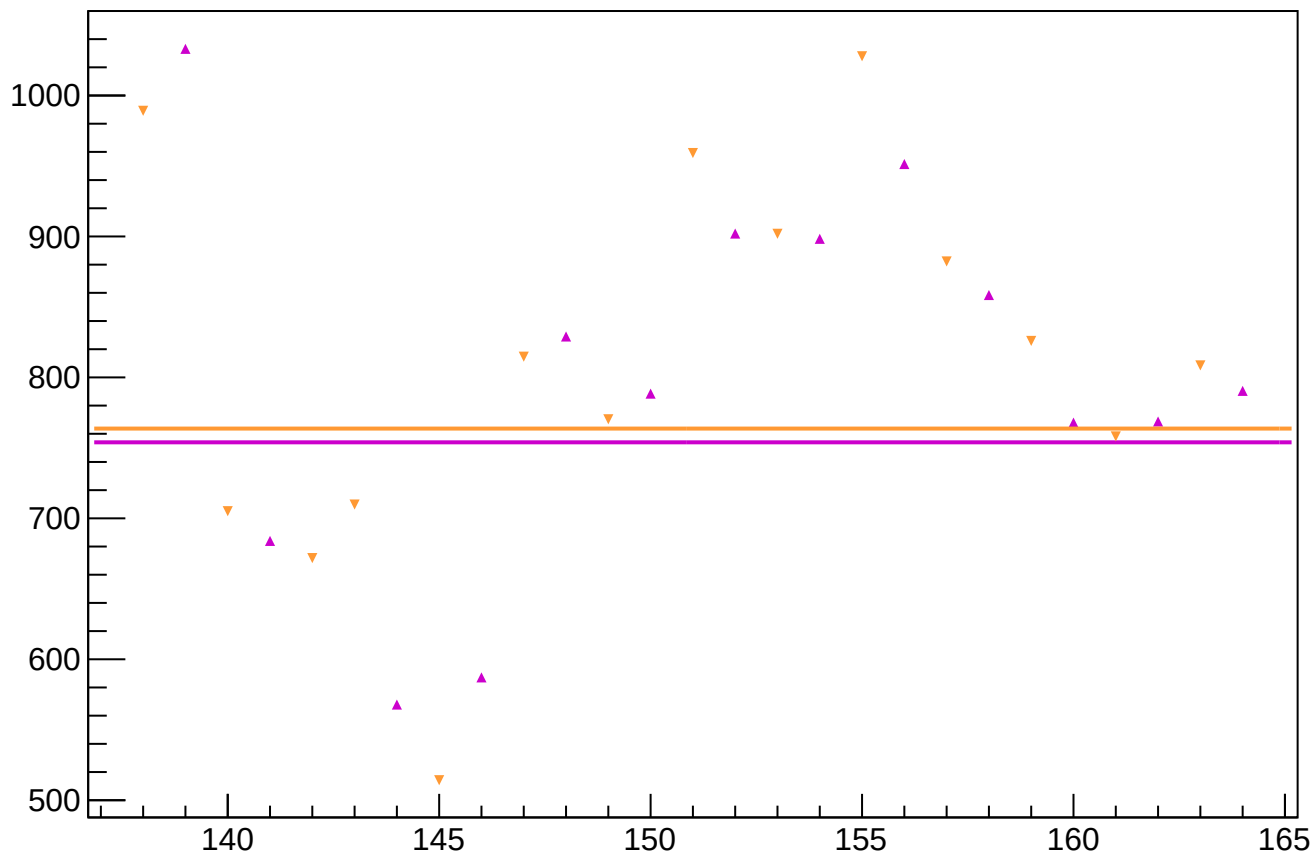
Left In: -204.812+/-237.783 χ^2/NDF : 7.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -743.154+/-168.954 χ^2/NDF : 47.1/26

- 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: 763.695+/-0.170 χ^2/NDF : 722593.4/13

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

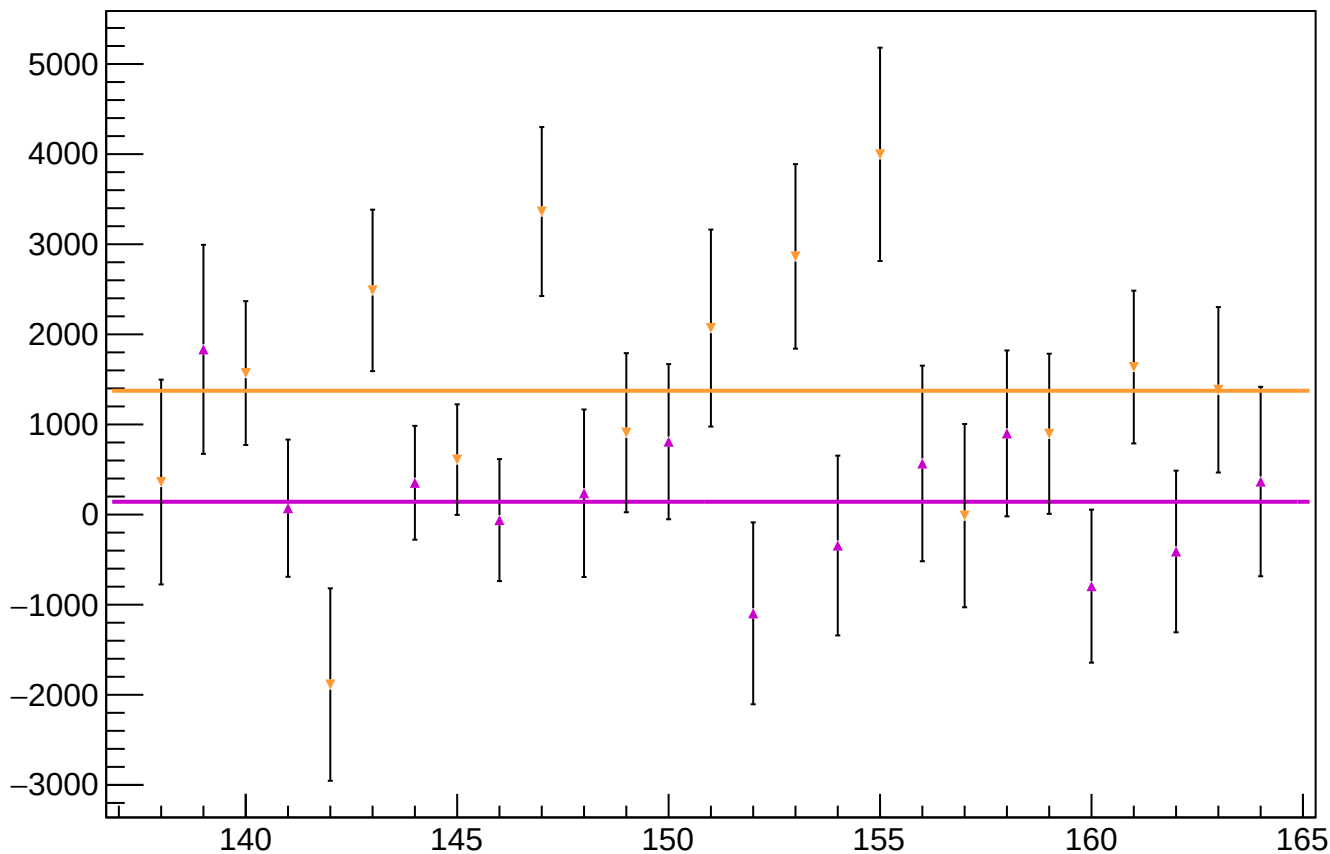
Left In: 753.937+/-0.168 χ^2/NDF : 644927.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 758.768+/-0.119 χ^2/NDF : 1369188.8/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug



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

Left Out: 1374.012 $\pm$ 243.544 χ^2 /NDF:27.7/13

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

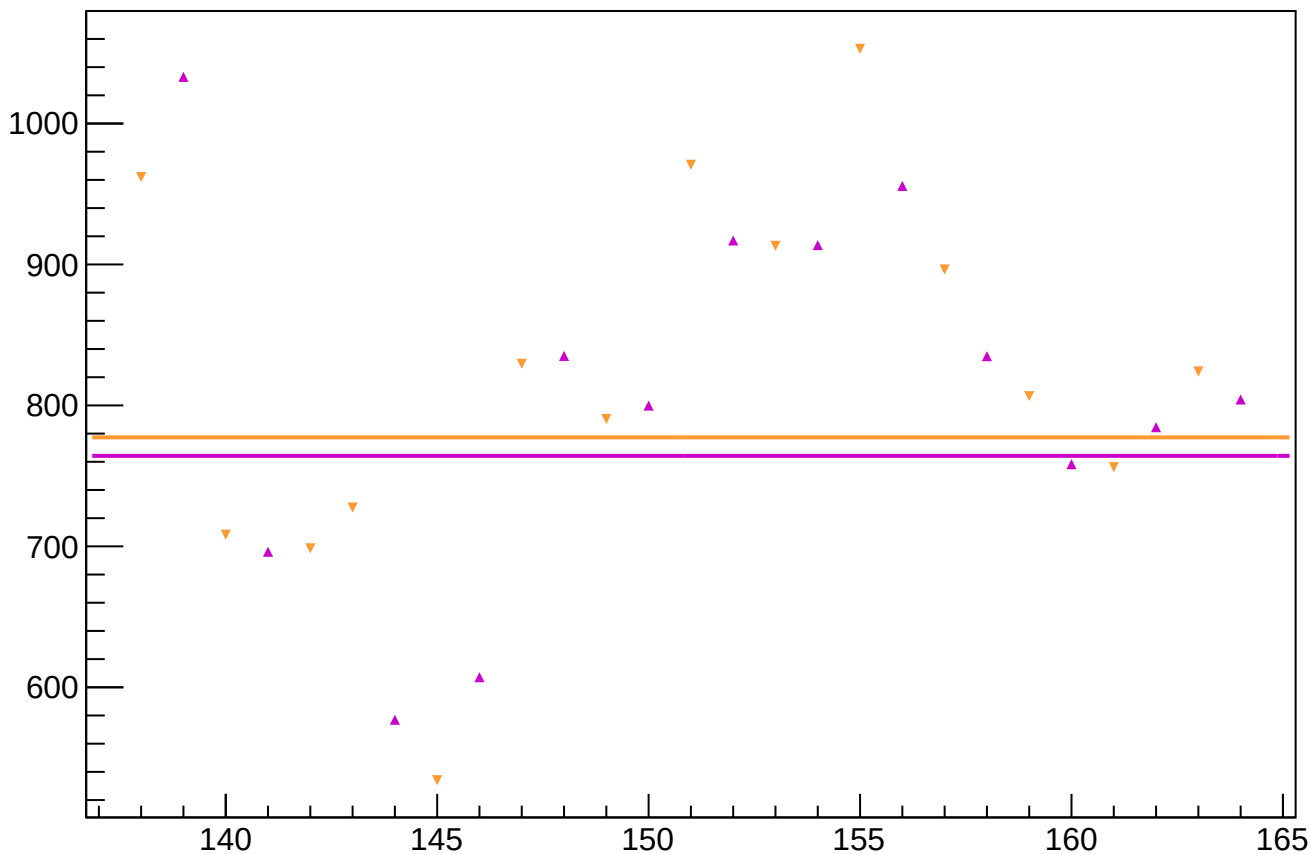
Left In: 142.105 $\pm$ 241.022 χ^2 /NDF:7.2/12

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

All: 751.648 $\pm$ 171.313 χ^2 /NDF: 47.8/26

- sign 0.000 $\pm$ 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: 777.323+/-0.172 χ^2/NDF : 648084.0/13

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

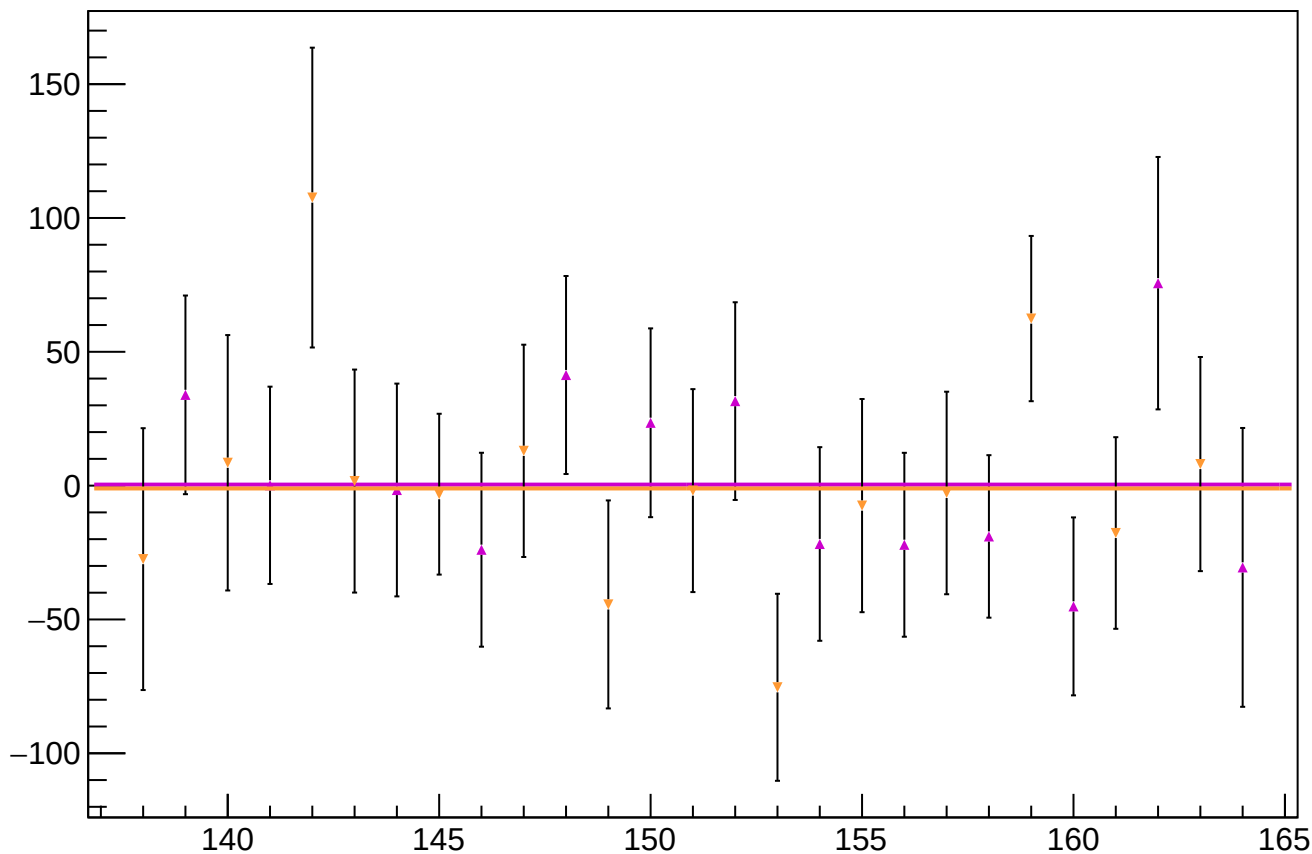
Left In: 764.223+/-0.170 χ^2/NDF : 590849.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.705+/-0.121 χ^2/NDF : 1241856.9/26

- 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: -1.062 $\pm$ 10.283 χ^2 /NDF:14.5/13

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

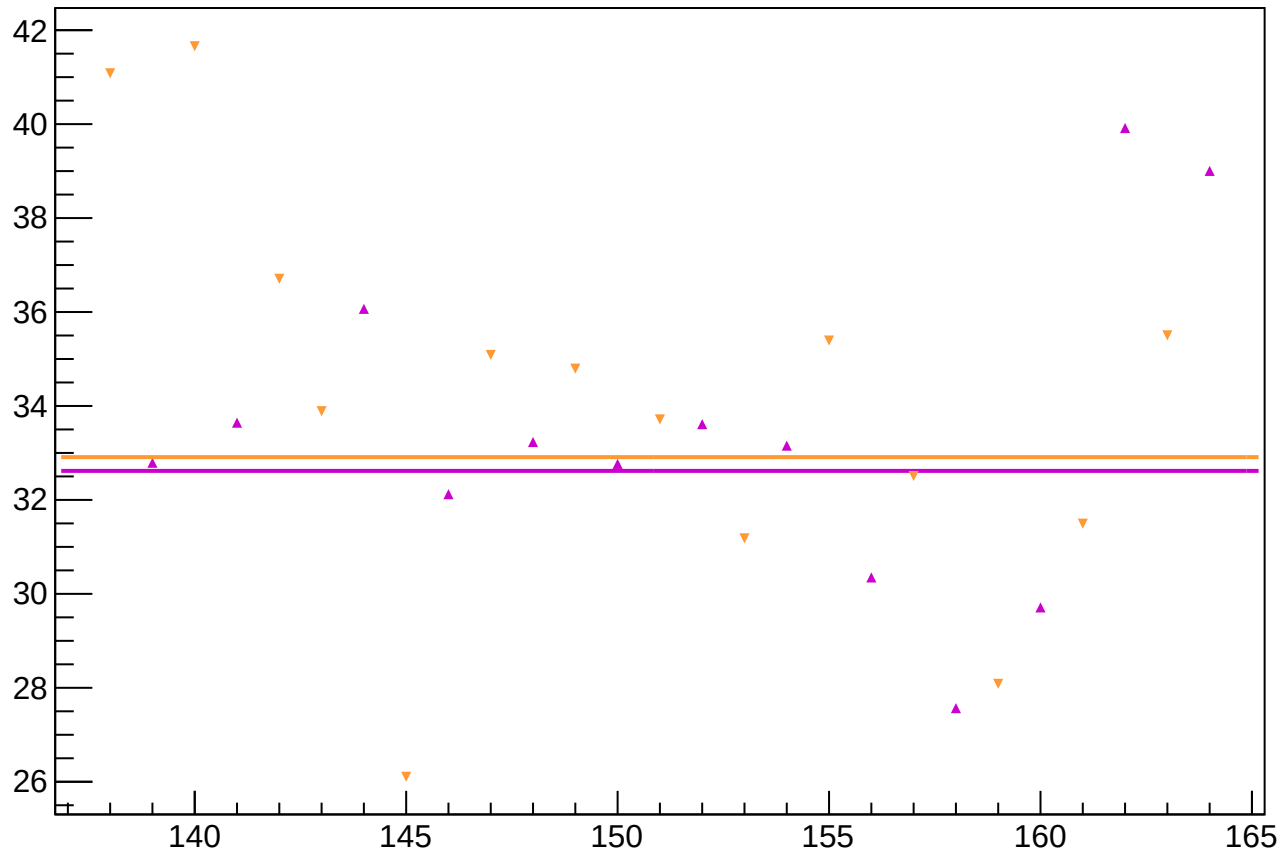
Left In: 0.380 $\pm$ 10.236 χ^2 /NDF:9.6/12

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

All: -0.338 $\pm$ 7.255 χ^2 /NDF: 24.2/26

- 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: 32.911+/-0.007 χ^2/NDF : 320840.6/13

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

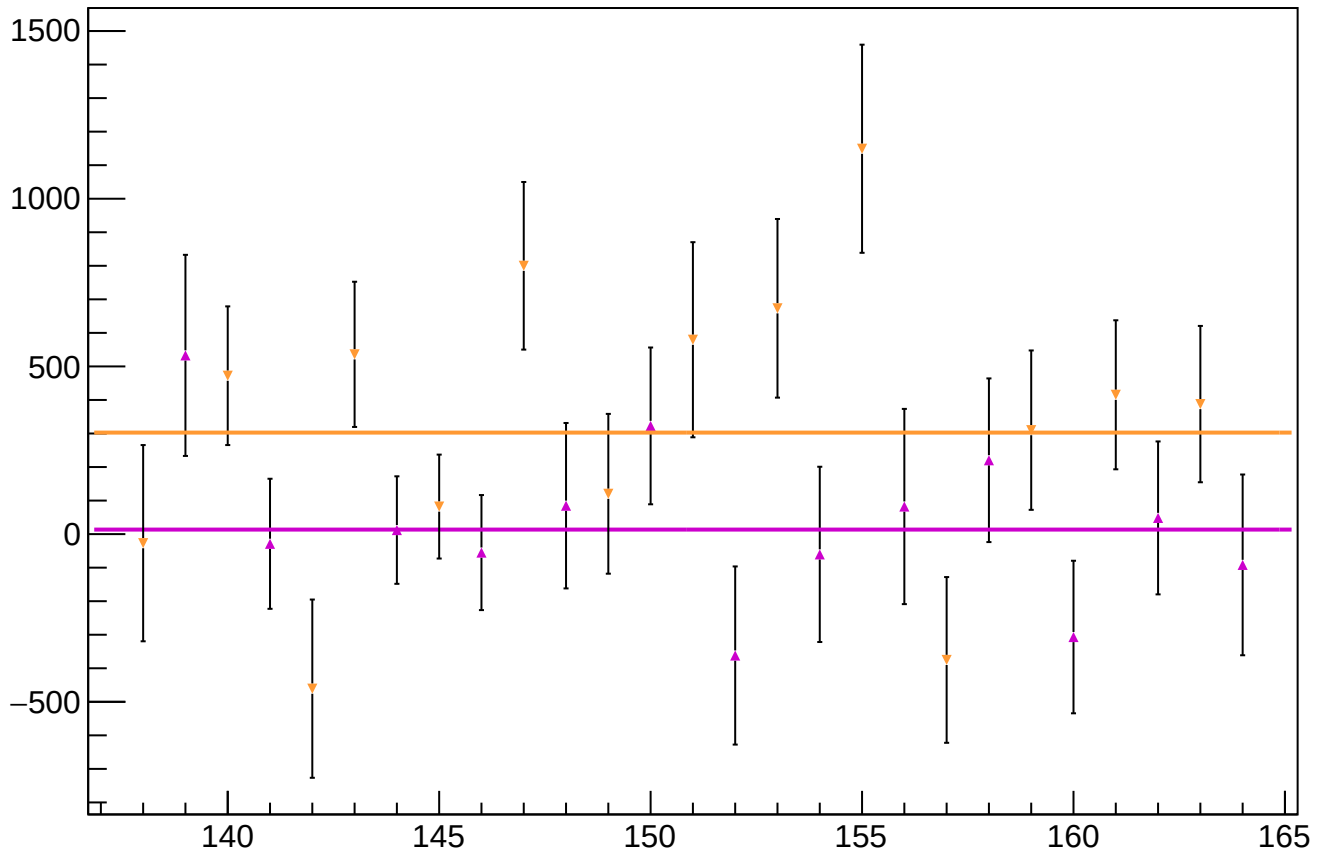
Left In: 32.618+/-0.007 χ^2/NDF : 176868.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.764+/-0.005 χ^2/NDF : 498522.5/26

- 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: 302.710+/-62.630 χ^2/NDF : 36.1/13

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

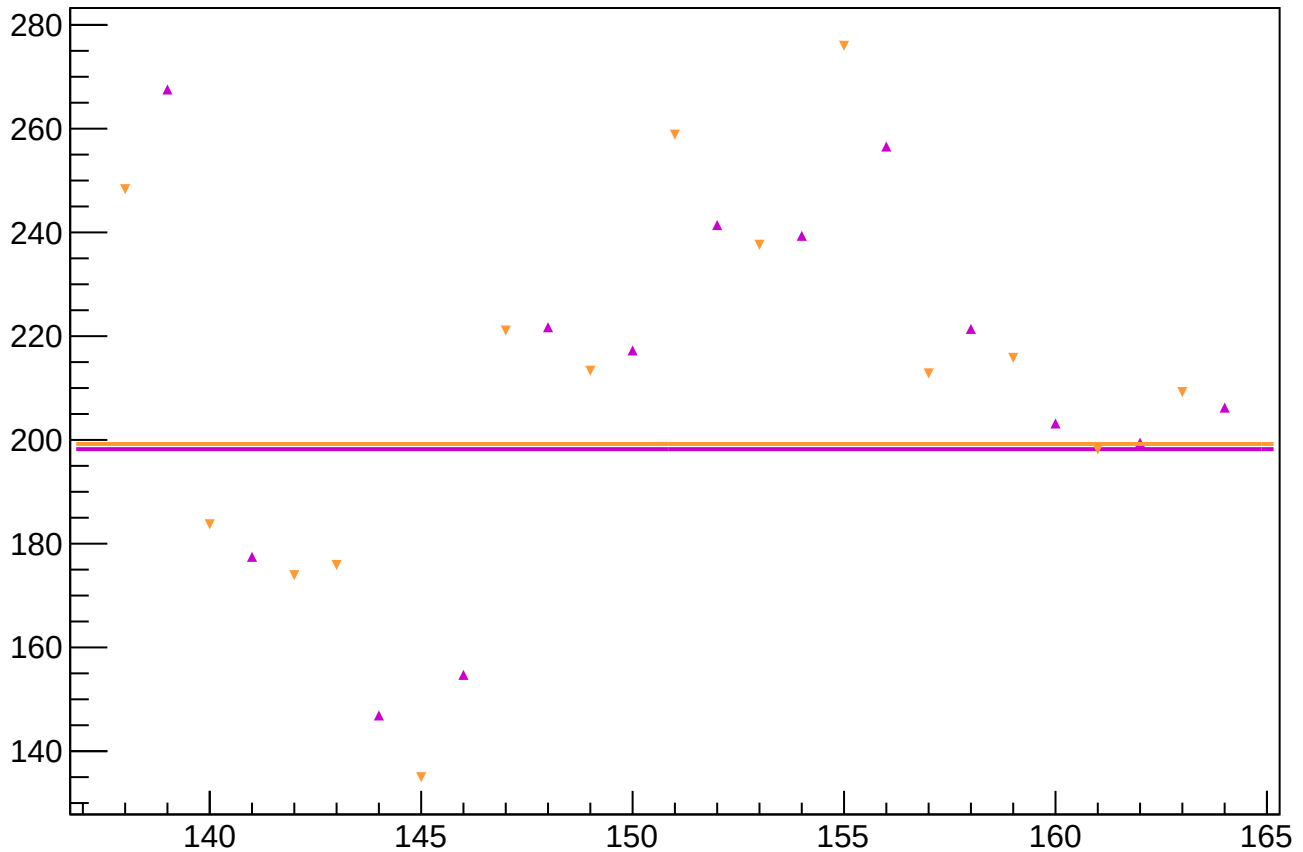
Left In: 13.513+/-62.604 χ^2/NDF : 10.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.051+/-44.277 χ^2/NDF : 56.9/26

- 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: 199.222+/-0.044 χ^2/NDF : 742582.9/13

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

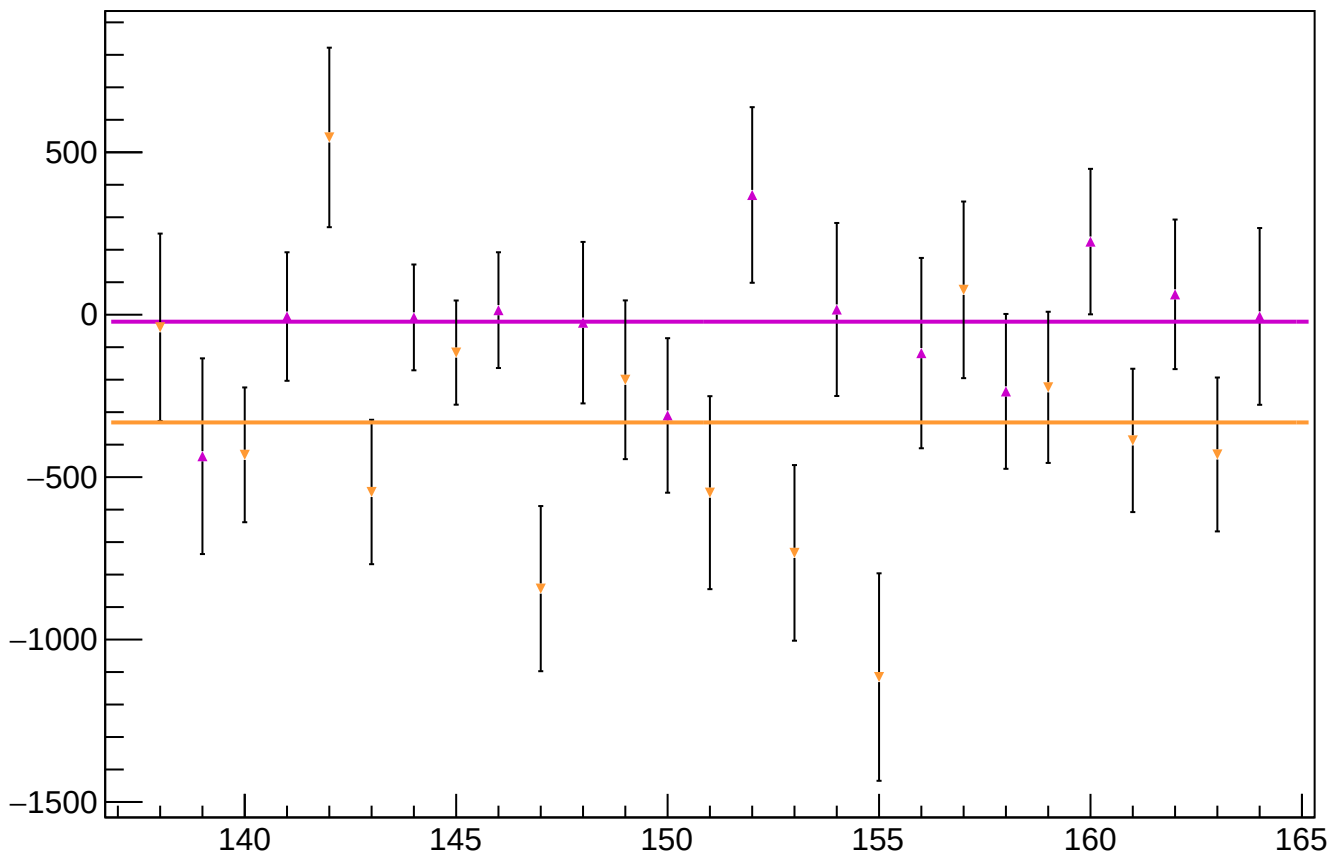
Left In: 198.223+/-0.044 χ^2/NDF : 698726.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.722+/-0.031 χ^2/NDF : 1441564.7/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -331.620+/-63.902 χ^2/NDF : 29.9/13

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

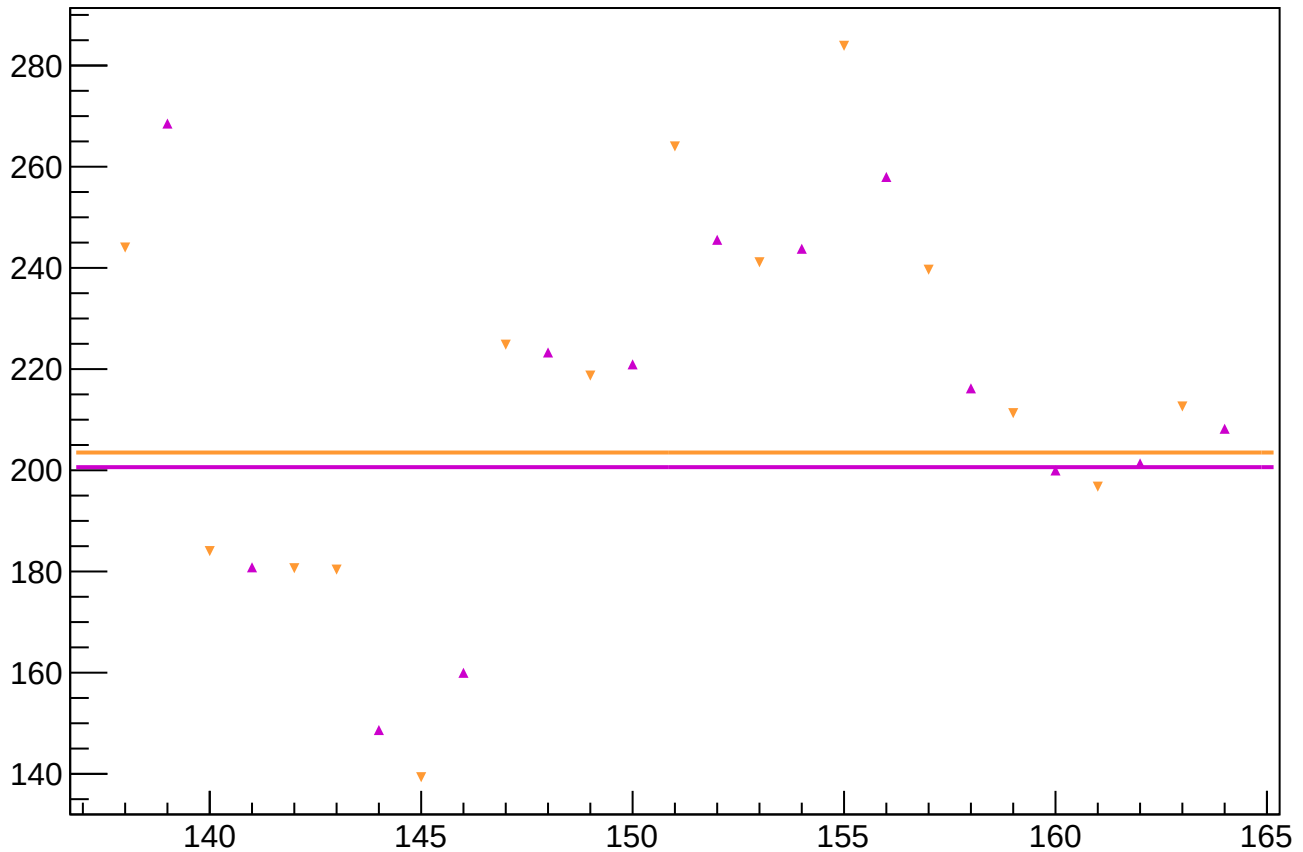
Left In: -21.480+/-63.374 χ^2/NDF : 7.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.265+/-44.998 χ^2/NDF : 49.5/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 203.512+/-0.045 χ^2/NDF : 725319.9/13

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

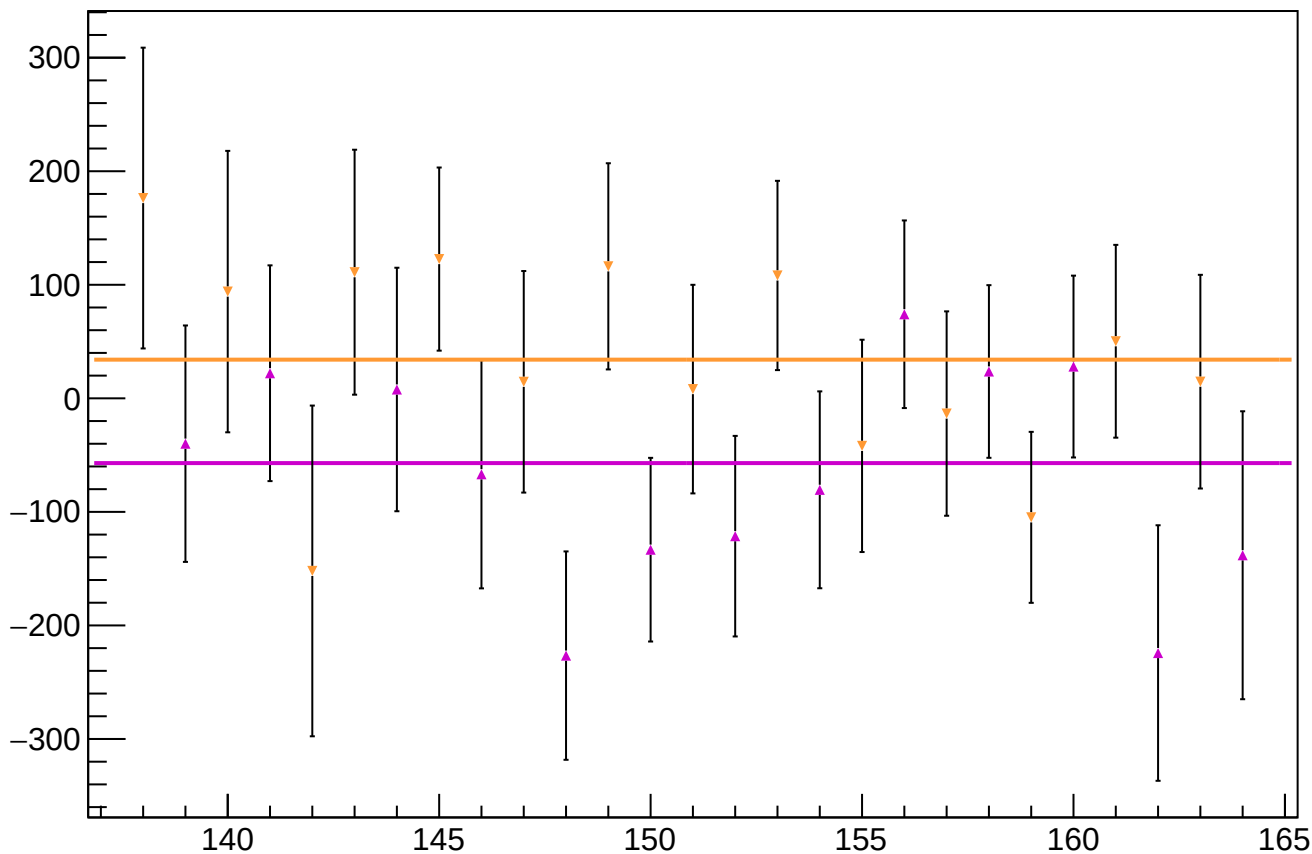
Left In: 200.620+/-0.045 χ^2/NDF : 655099.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.054+/-0.032 χ^2/NDF : 1382485.0/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 34.066 $\pm$ 25.287 χ^2 /NDF:10.9/13

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

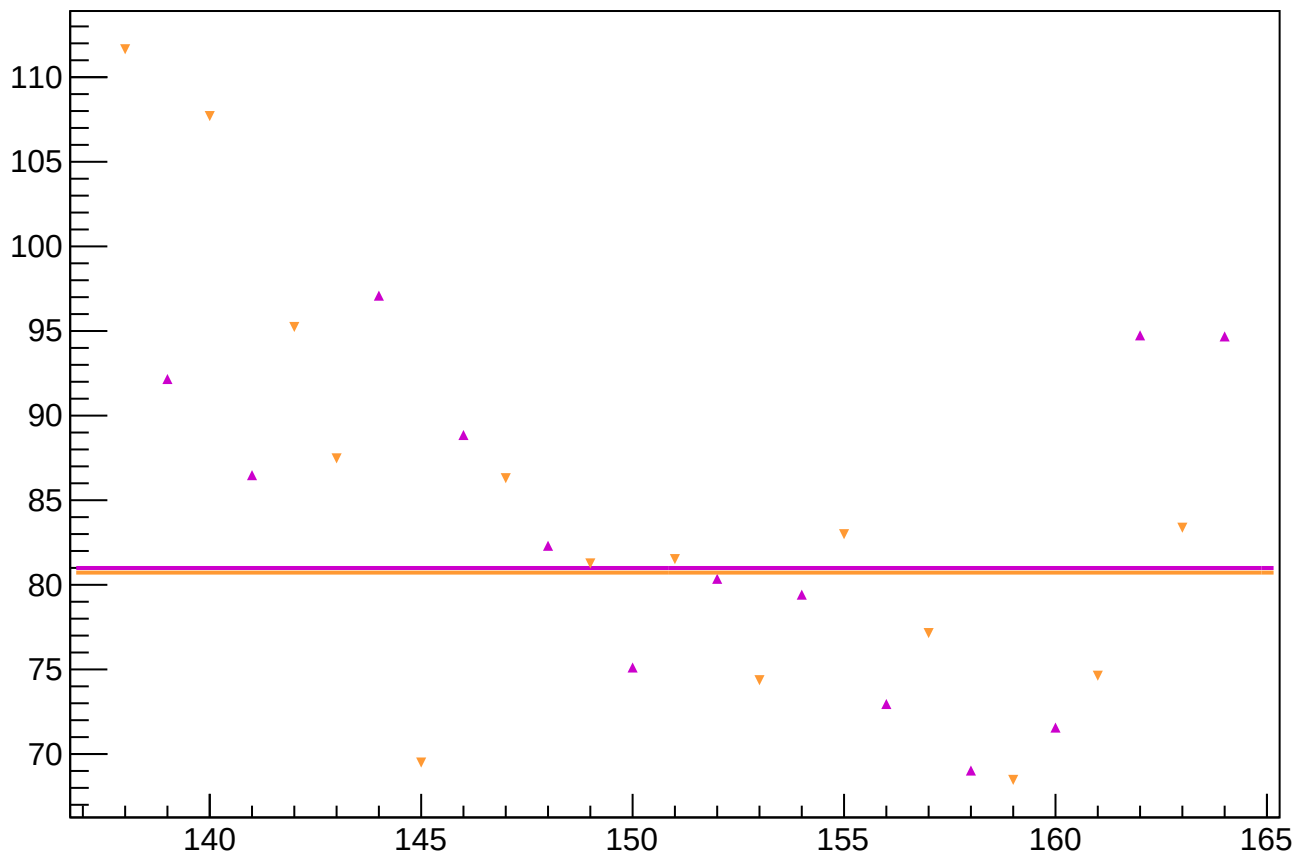
Left In: -57.035 $\pm$ 25.494 χ^2 /NDF:13.4/12

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

All: -11.114 $\pm$ 17.953 χ^2 /NDF: 30.7/26

- sign 0.000 $\pm$ 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: 80.723+/-0.018 χ^2/NDF : 357892.5/13

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

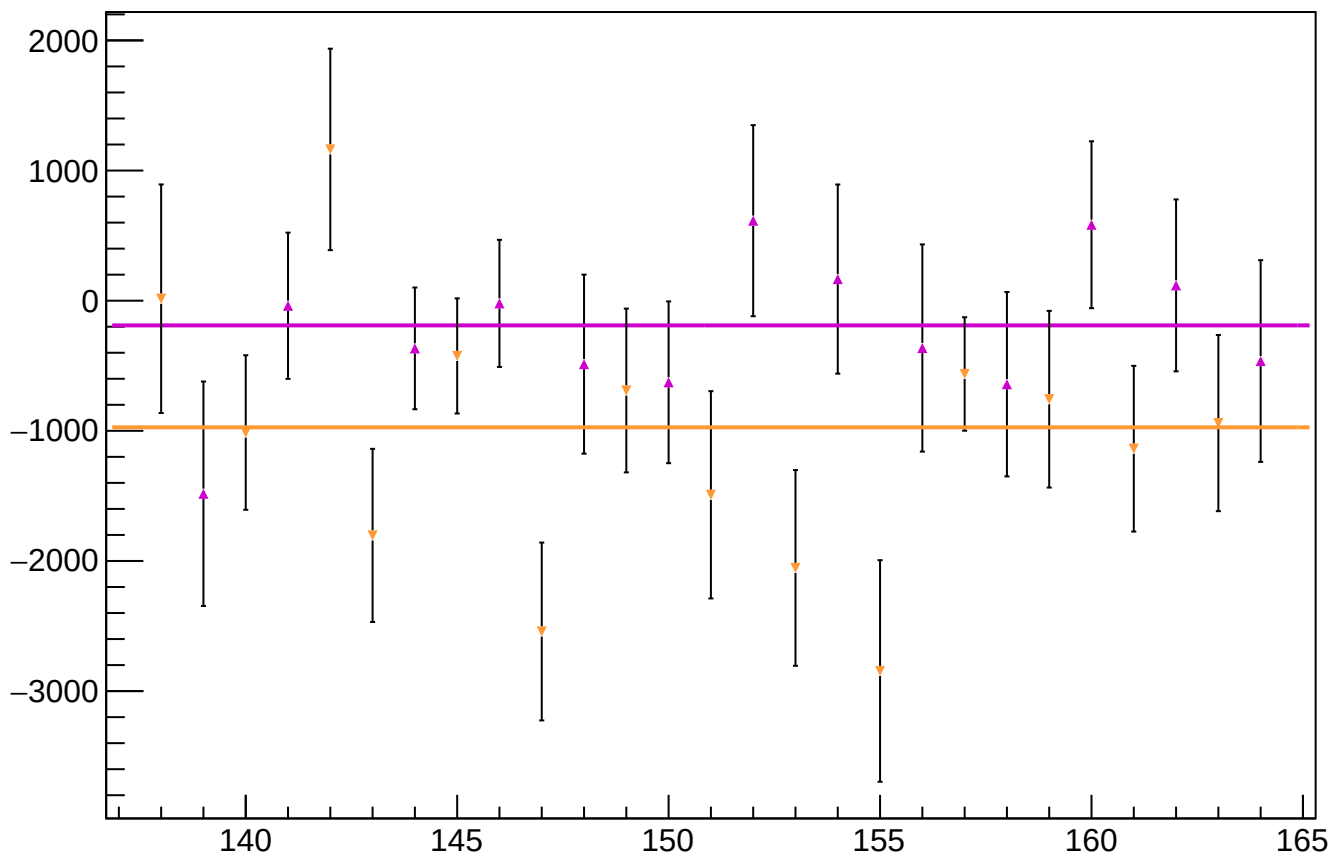
Left In: 80.995+/-0.018 χ^2/NDF : 248133.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.858+/-0.013 χ^2/NDF : 606140.7/26

- 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: -973.113+/-169.892 χ^2/NDF : 25.8/13

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

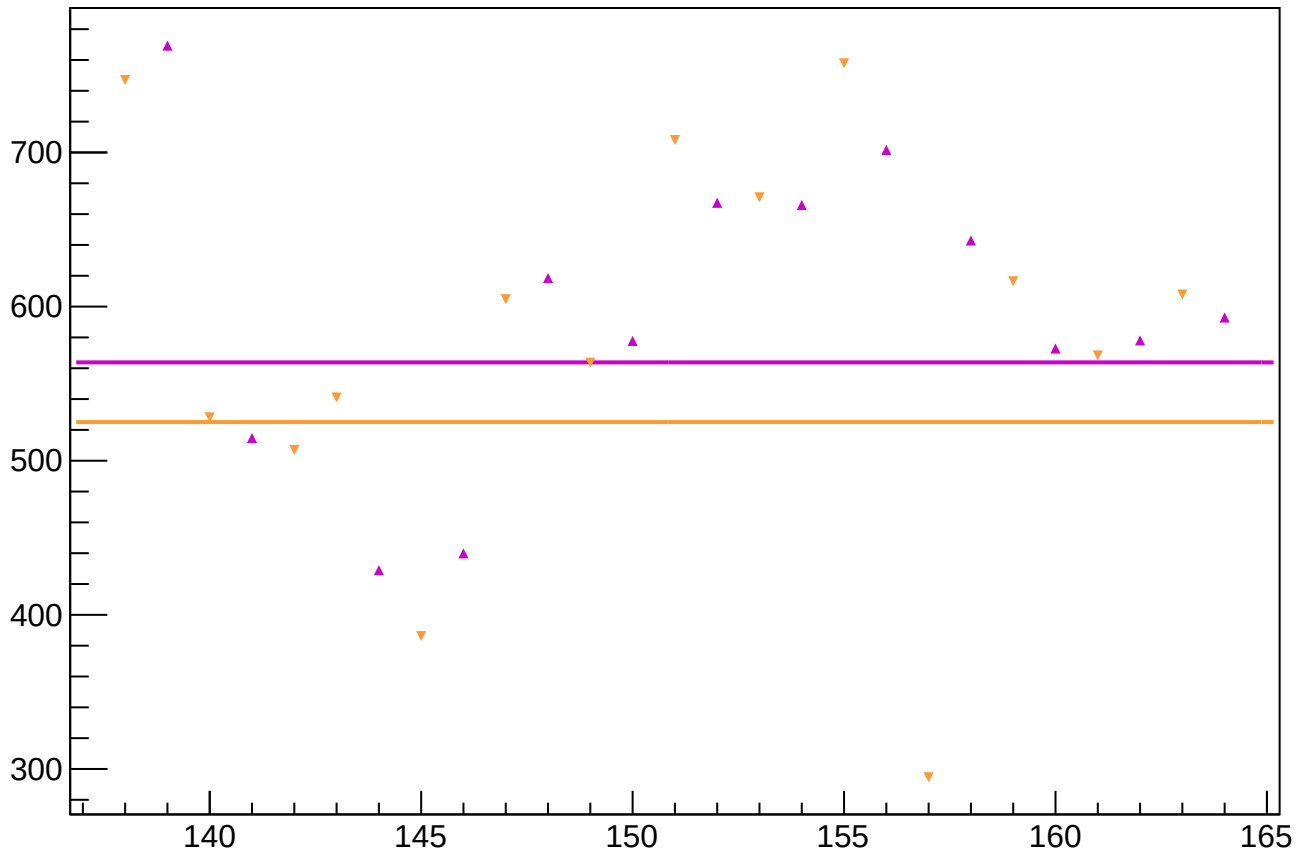
Left In: -189.777+/-177.647 χ^2/NDF : 7.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -598.916+/-122.782 χ^2/NDF : 42.9/26

- 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: 525.075+/-0.120 χ^2/NDF : 1326478.8/13

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

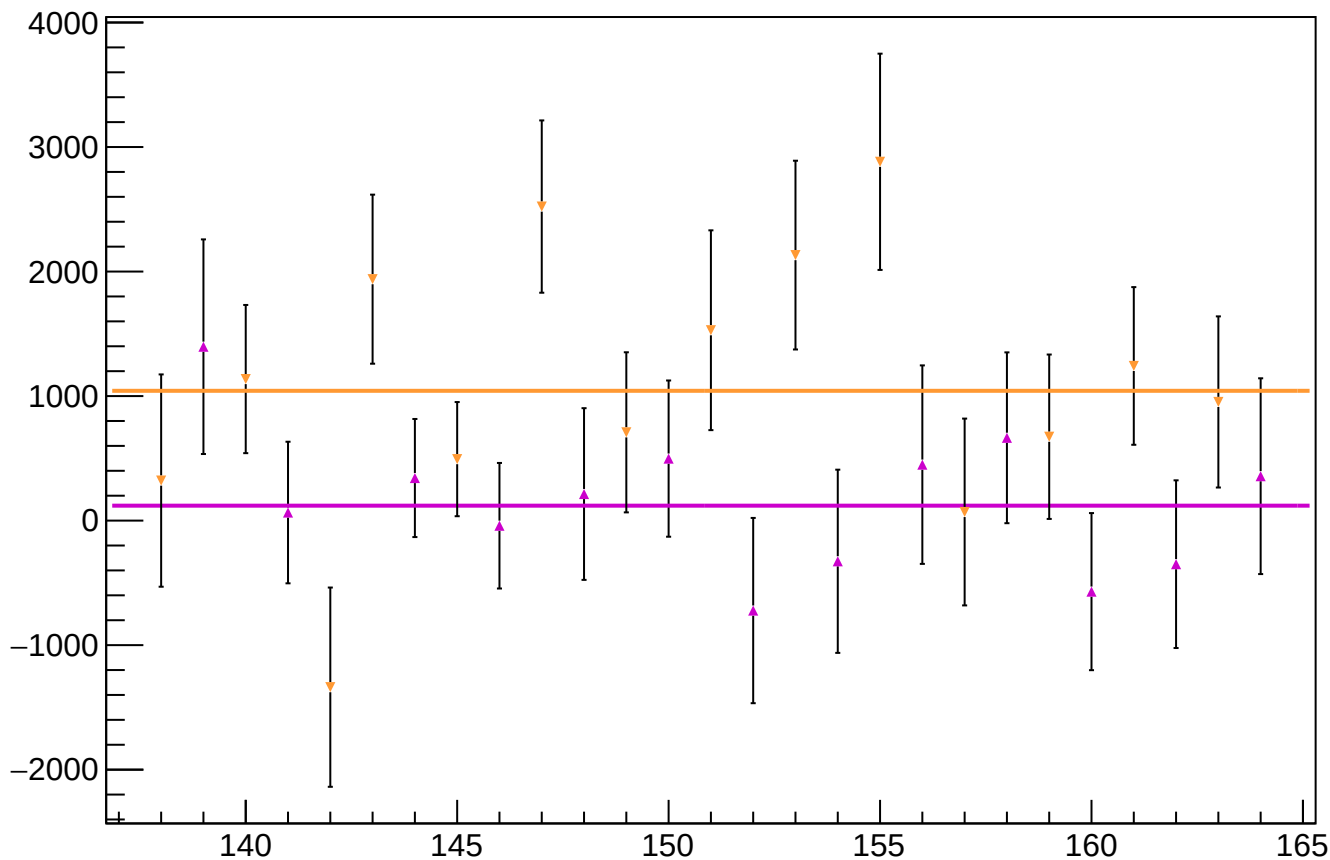
Left In: 563.809+/-0.126 χ^2/NDF : 605748.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.578+/-0.087 χ^2/NDF : 1981889.0/26

- 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: 1042.365+/-181.048 χ^2/NDF : 26.6/13

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

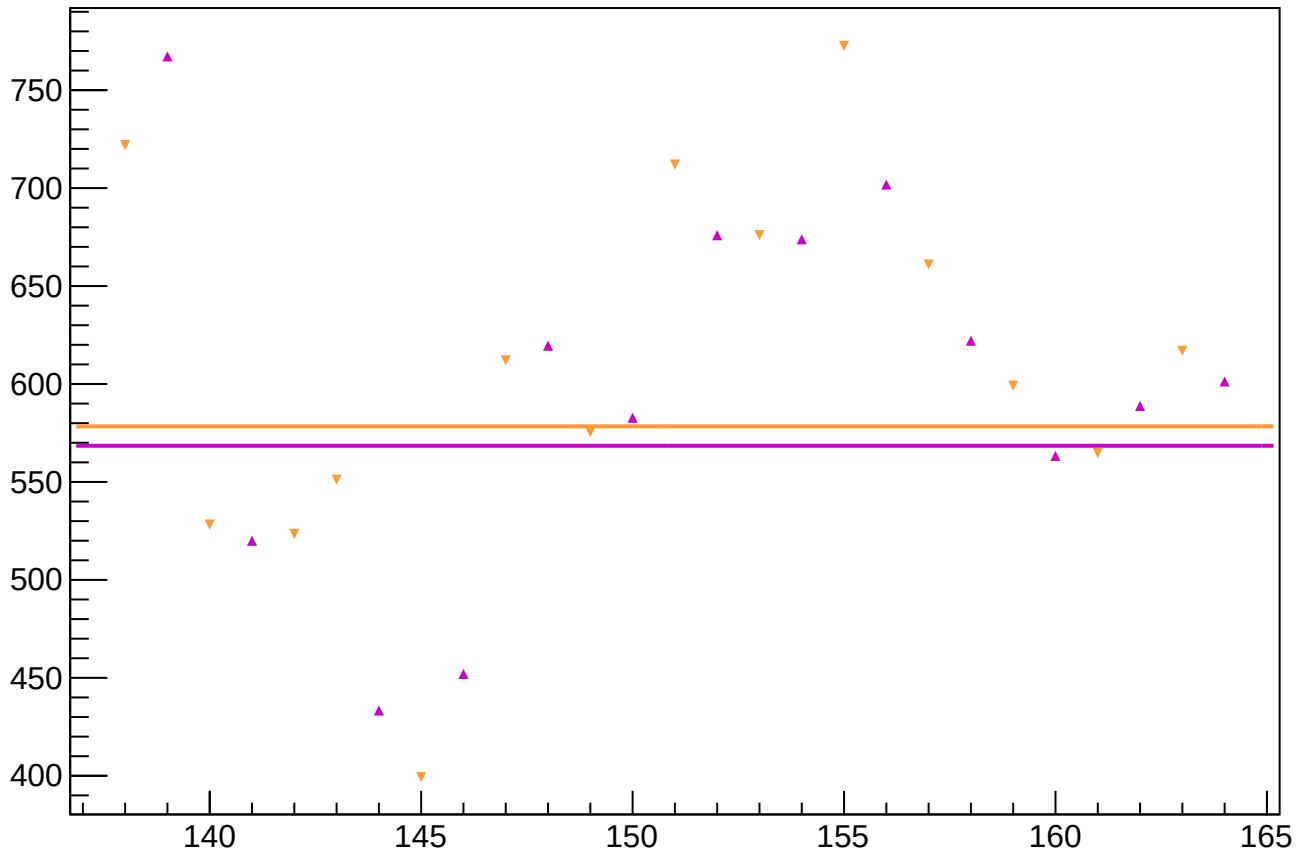
Left In: 120.000+/-179.142 χ^2/NDF : 7.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.302+/-127.341 χ^2/NDF : 46.9/26

- 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: 578.376+/-0.128 χ^2/NDF : 615821.3/13

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

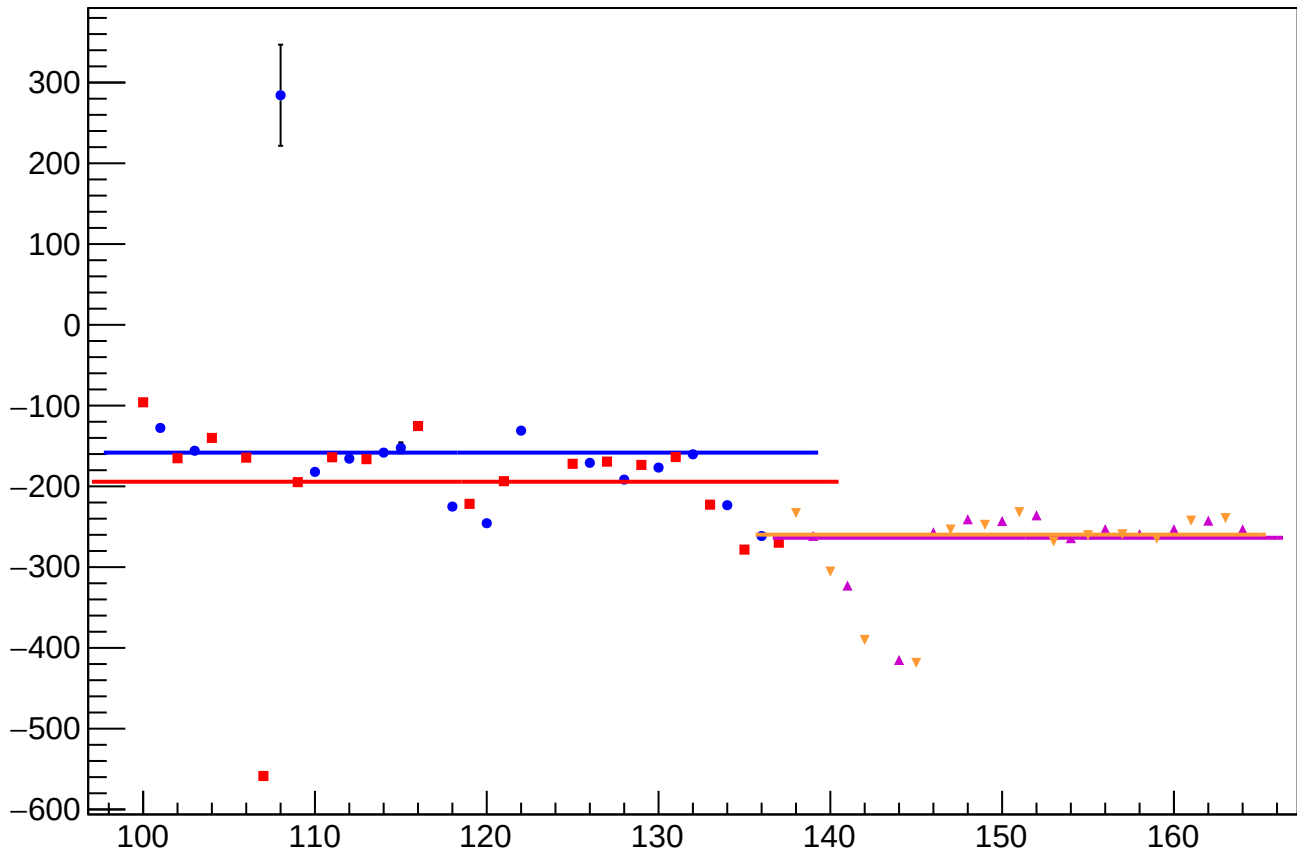
Left In: 568.477+/-0.127 χ^2/NDF : 558603.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.374+/-0.090 χ^2/NDF : 1177445.7/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -158.222+/-0.000 χ^2/NDF : 117166.2/15

Left Out: -259.744+/-0.155 χ^2/NDF : 30432.9/12

Right Out: -194.268+/-0.165 χ^2/NDF : 176560.4/17

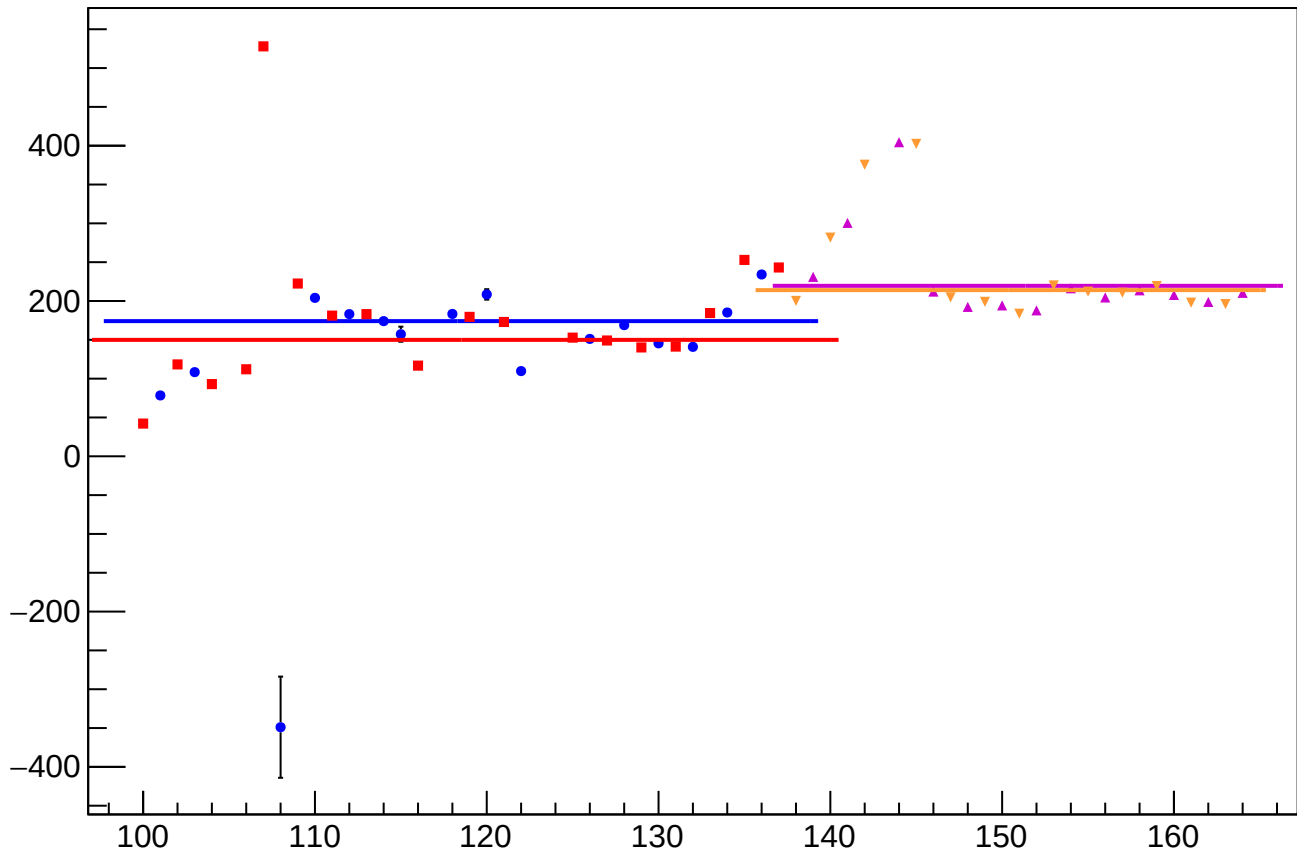
Left In: -263.636+/-0.167 χ^2/NDF : 46171.8/12

+ sign -158.222+/-0.000 χ^2/NDF : 578821.9/28

All: -158.222+/-0.000 χ^2/NDF : 1249976.9/59

- sign -228.666+/-0.117 χ^2/NDF : 310224.1/30

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 214.002 $\pm$ 0.154 χ^2 /NDF: 37200.1/12

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

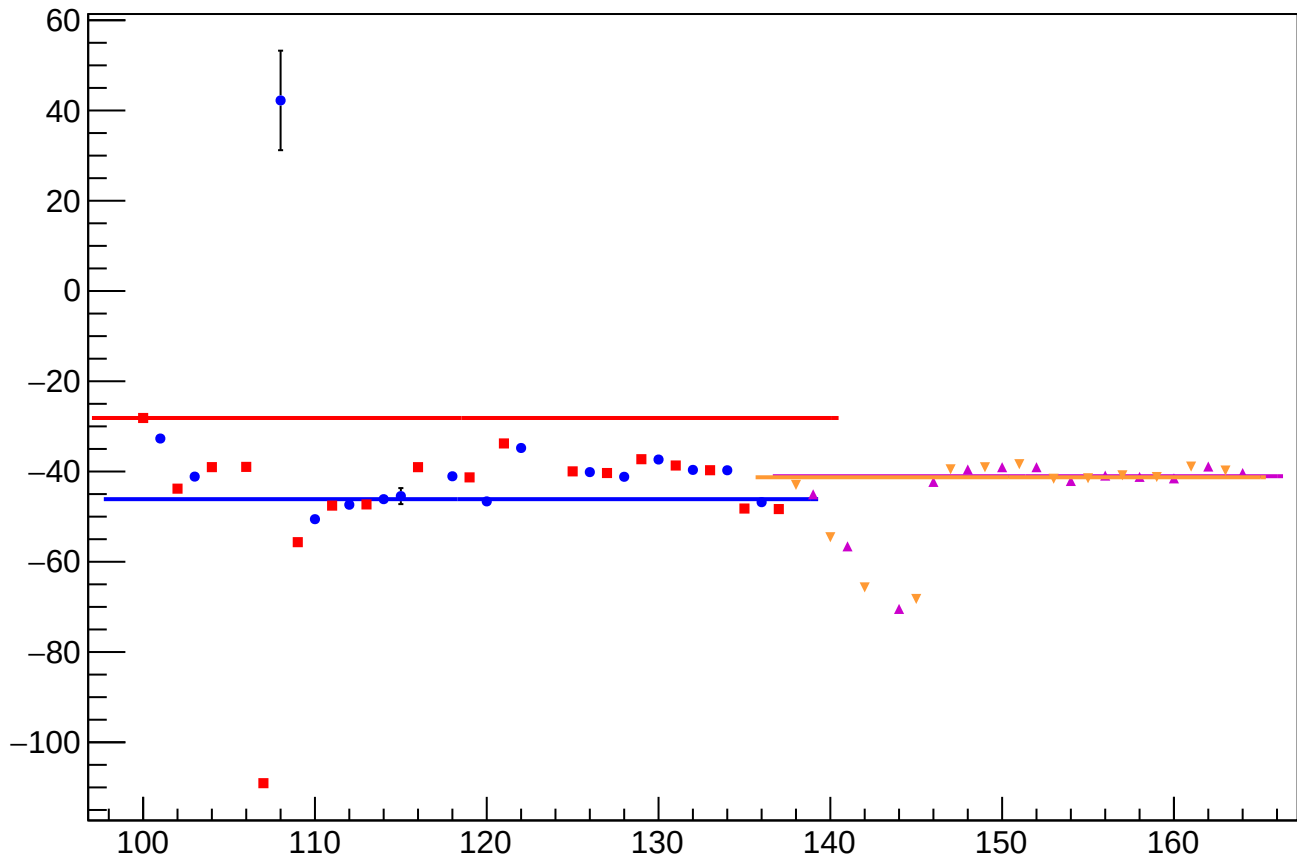
Left In: 219.548 $\pm$ 0.168 χ^2 /NDF: 64112.0/12

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 157824.6/28

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 478408.0/59

- sign 190.027 $\pm$ 0.127 χ^2 /NDF: 304912.3/30

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 χ^2/NDF : 201273.7/15

Left Out: -41.276 ± 0.008 χ^2/NDF : 88874.0/12

Right Out: -28.139 ± 0.000 χ^2/NDF : 746939.9/17

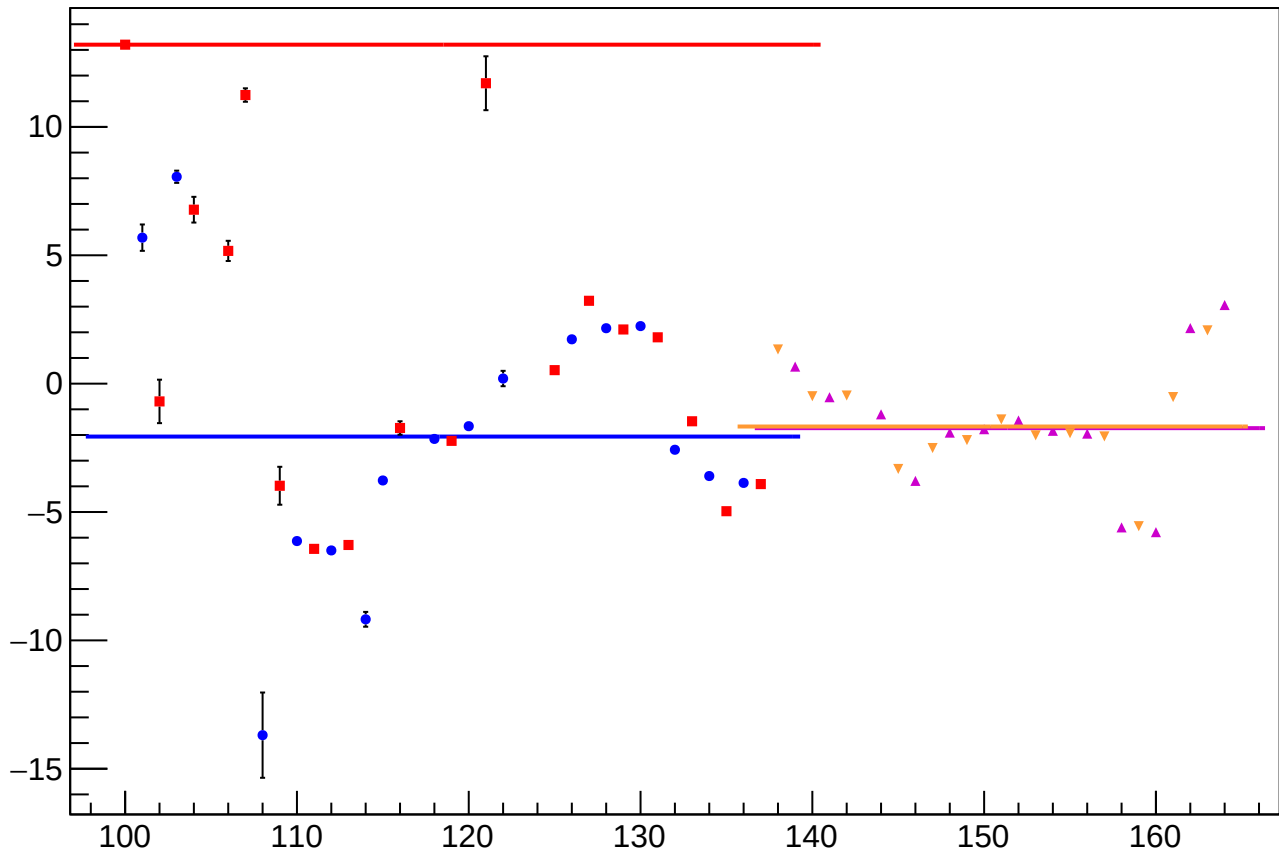
Left In: -41.041 ± 0.009 χ^2/NDF : 161043.8/12

+ sign -46.126 ± 0.000 χ^2/NDF : 638160.2/28

All: -39.778 ± 0.000 χ^2/NDF : 248795993231

- sign -28.139 ± 0.000 χ^2/NDF : 2823197.2/30

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -1.670 ± 0.009 χ^2/NDF : 67220.0/12

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

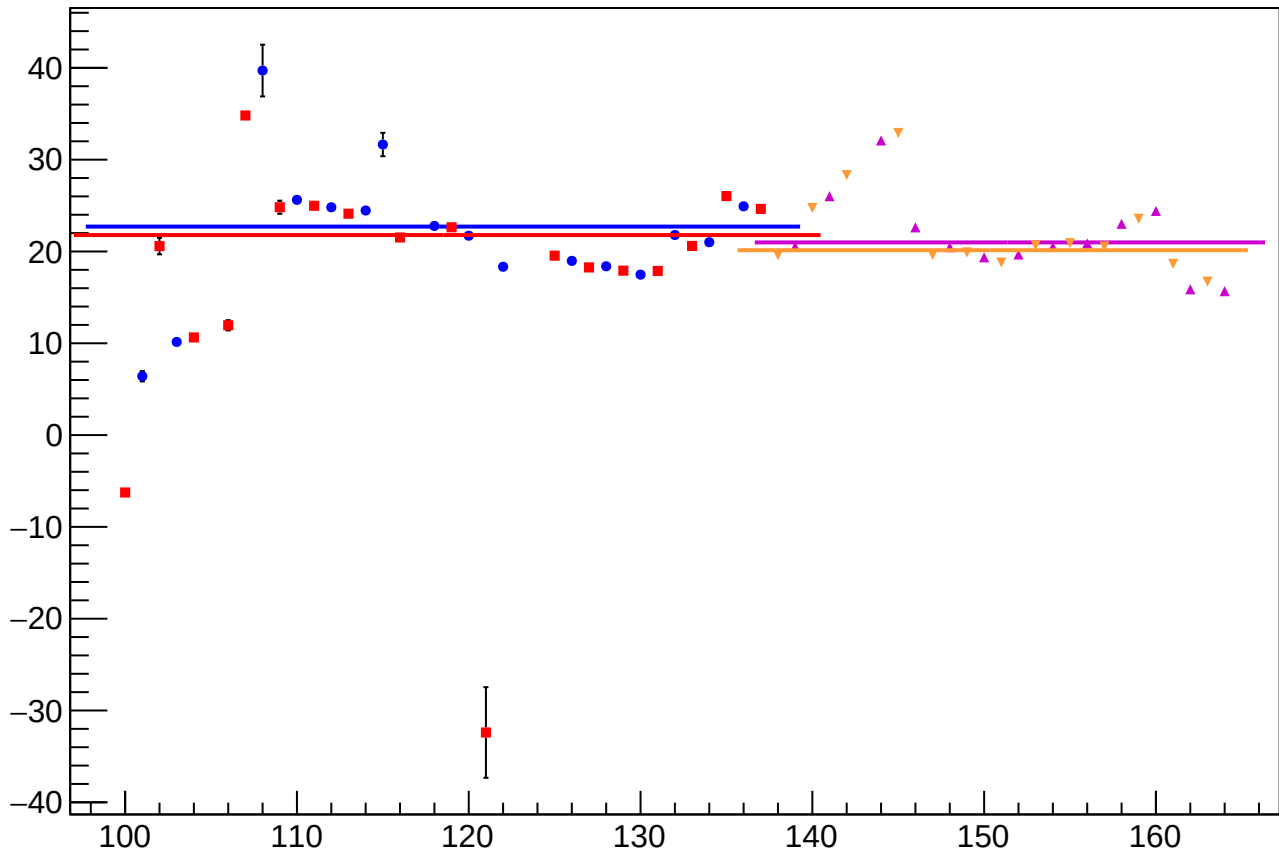
Left In: -1.733 ± 0.007 χ^2/NDF : 96108.0/12

+ sign -1.745 ± 0.008 χ^2/NDF : 93274.8/28

All: 13.204 ± 0.000 χ^2/NDF : 8853471.4/59

- sign 13.204 ± 0.000 χ^2/NDF : 5087868.0/30

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 20.137 $\pm$ 0.010 χ^2 /NDF: 46514.7/12

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

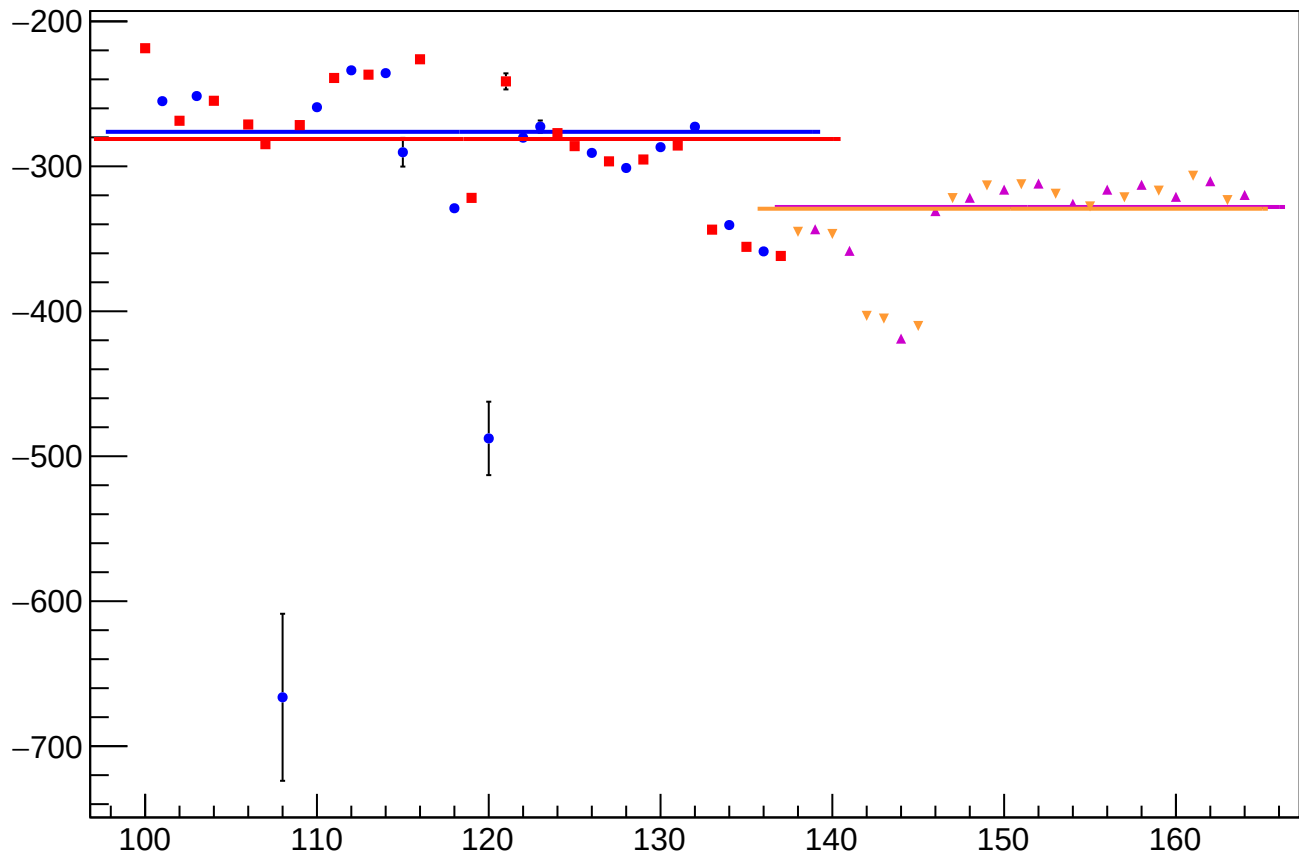
Left In: 20.987 $\pm$ 0.009 χ^2 /NDF: 79450.0/12

+ sign 20.730 $\pm$ 0.009 χ^2 /NDF: 83780.5/28

All: 20.935 $\pm$ 0.006 χ^2 /NDF: 192037.5/59

- sign 21.100 $\pm$ 0.008 χ^2 /NDF: 107318.6/30

dit_usr_4aX_slope vs Slug



Right In: -276.201 ± 0.167 χ^2/NDF : 58107.7/16

Left Out: -329.253 ± 0.146 χ^2/NDF : 29572.0/13

Right Out: -281.150 ± 0.148 χ^2/NDF : 77611.5/18

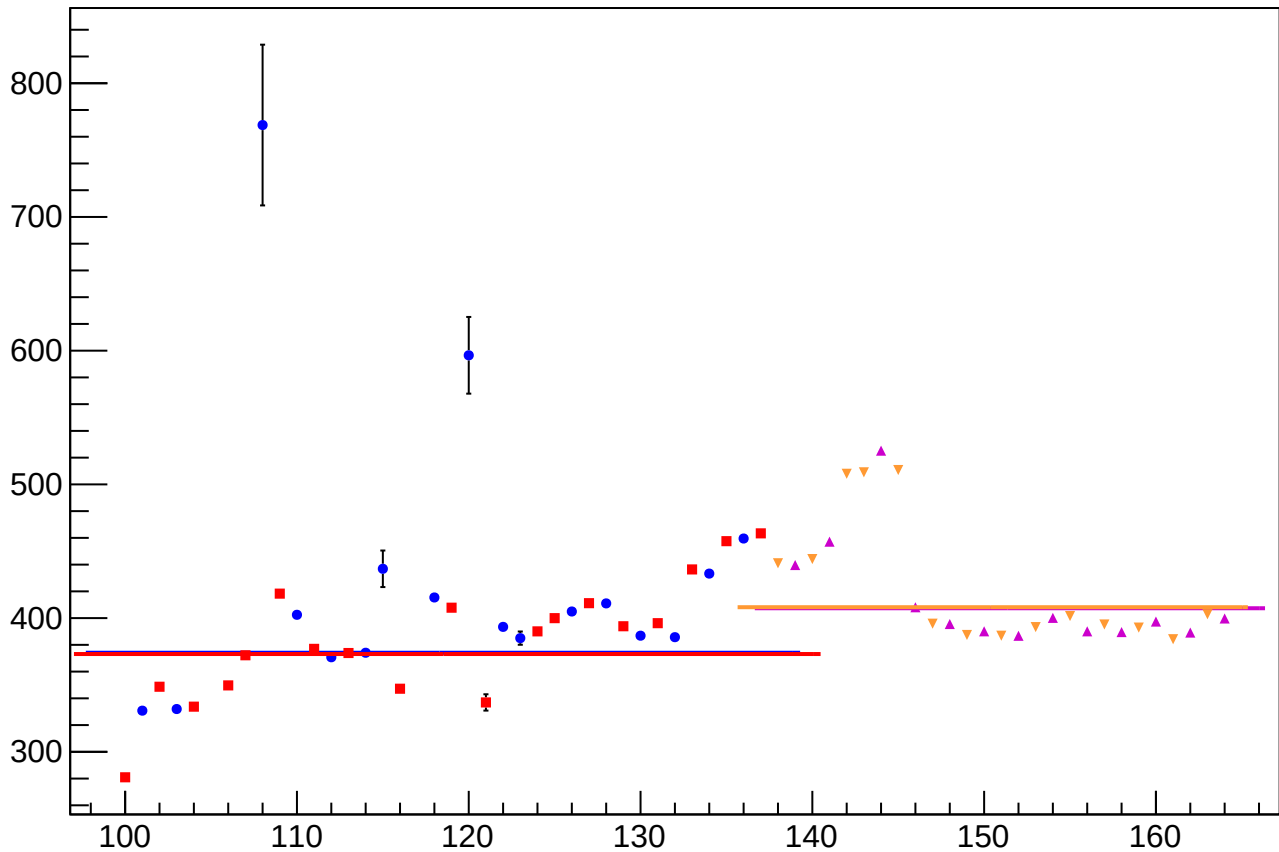
Left In: -328.043 ± 0.119 χ^2/NDF : 37799.4/12

+ sign -306.262 ± 0.110 χ^2/NDF : 145160.5/30

All: -308.148 ± 0.071 χ^2/NDF : 322137.3/62

- sign -309.499 ± 0.093 χ^2/NDF : 176469.0/31

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 408.146 $\pm$ 0.145 χ^2 /NDF: 51804.6/13

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

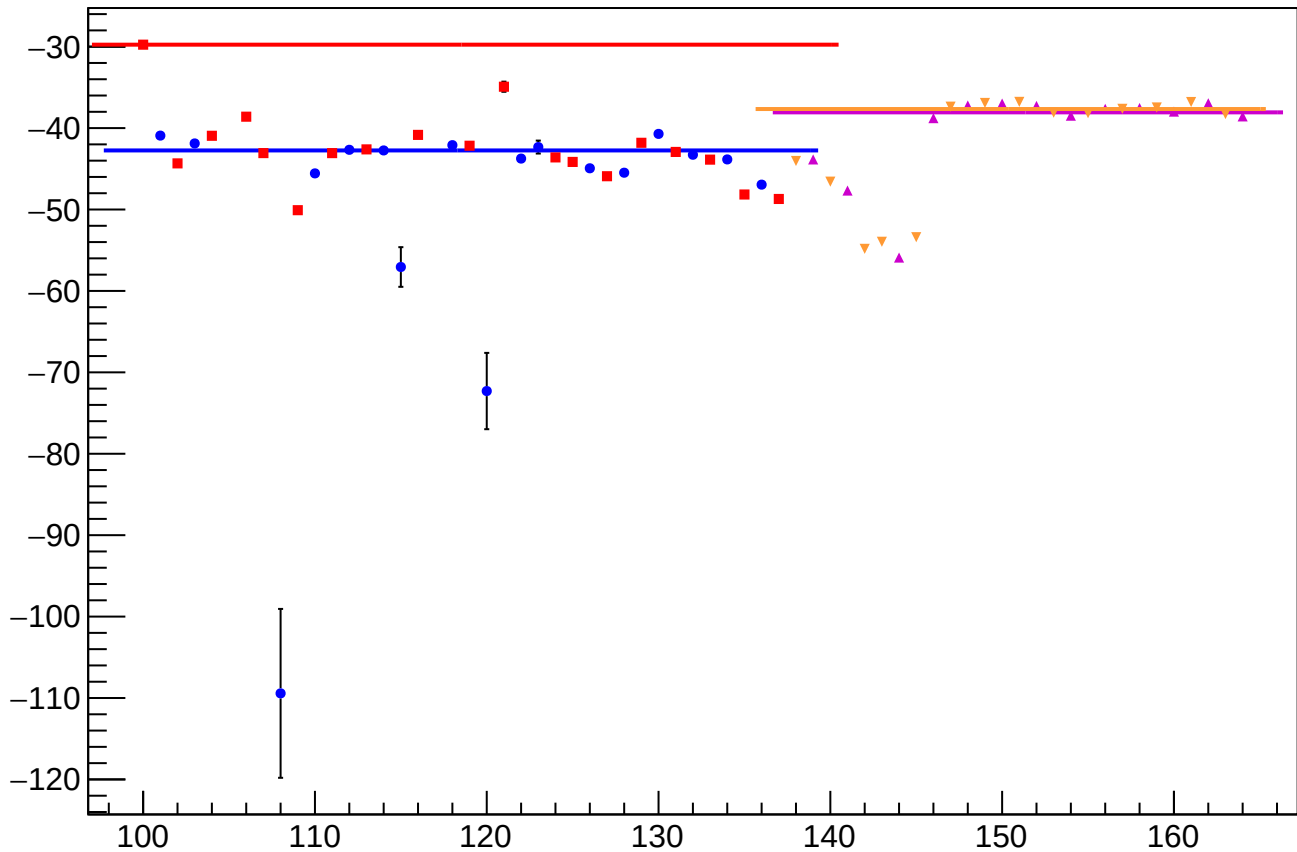
Left In: 407.372 $\pm$ 0.120 χ^2 /NDF: 62710.3/12

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 141913.6/30

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 389401.1/62

- sign 394.802 $\pm$ 0.096 χ^2 /NDF: 200666.7/31

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -37.659 $\pm$ 0.005 χ^2 /NDF: 256400.0/13

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 483930.3/18

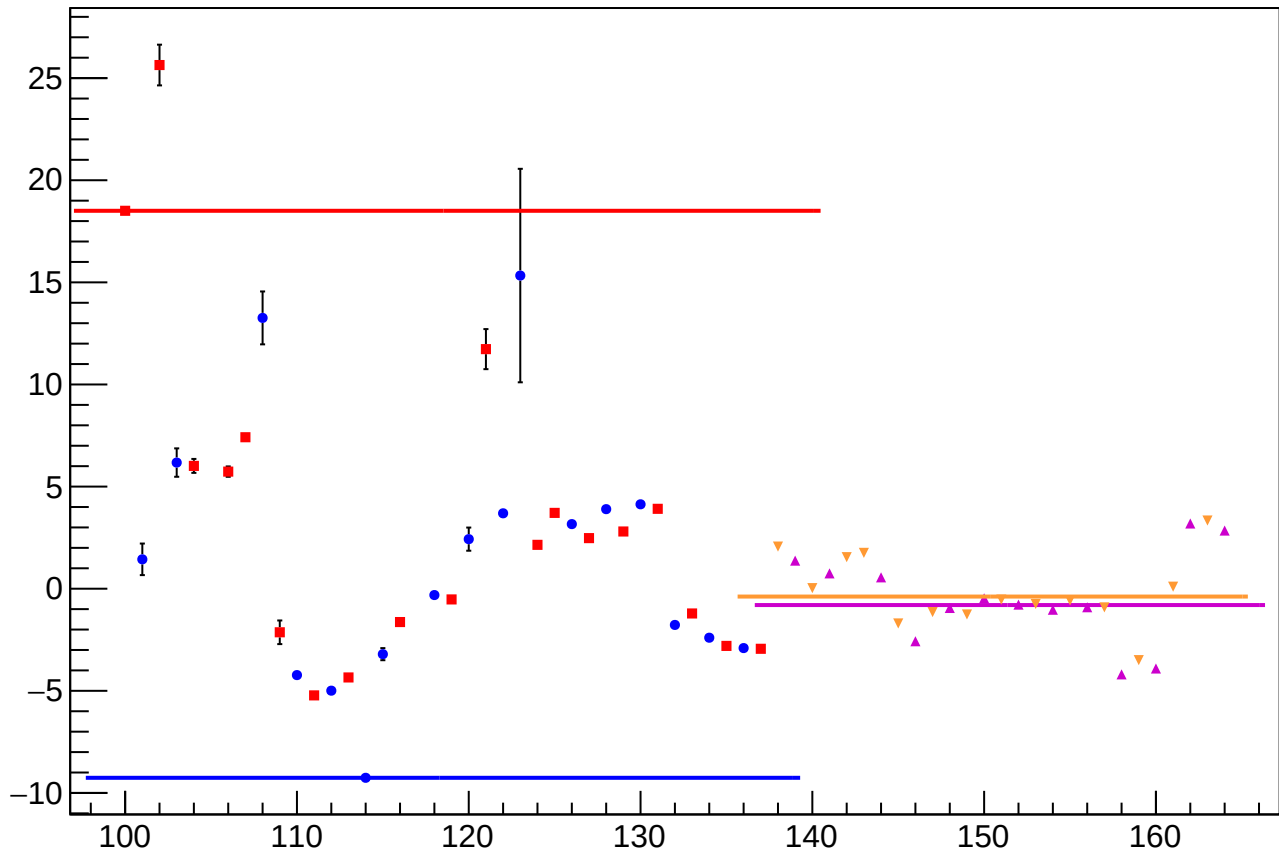
Left In: -38.068 $\pm$ 0.005 χ^2 /NDF: 148616.3/12

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 1461355.2/30

All: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680

- sign -29.754 $\pm$ 0.000 χ^2 /NDF: 3543691.2/31

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF : 405850.5/16

Left Out: -0.384+/-0.008 χ^2/NDF : 65152.1/13

Right Out: 18.504+/-0.000 χ^2/NDF : 7366781.0/18

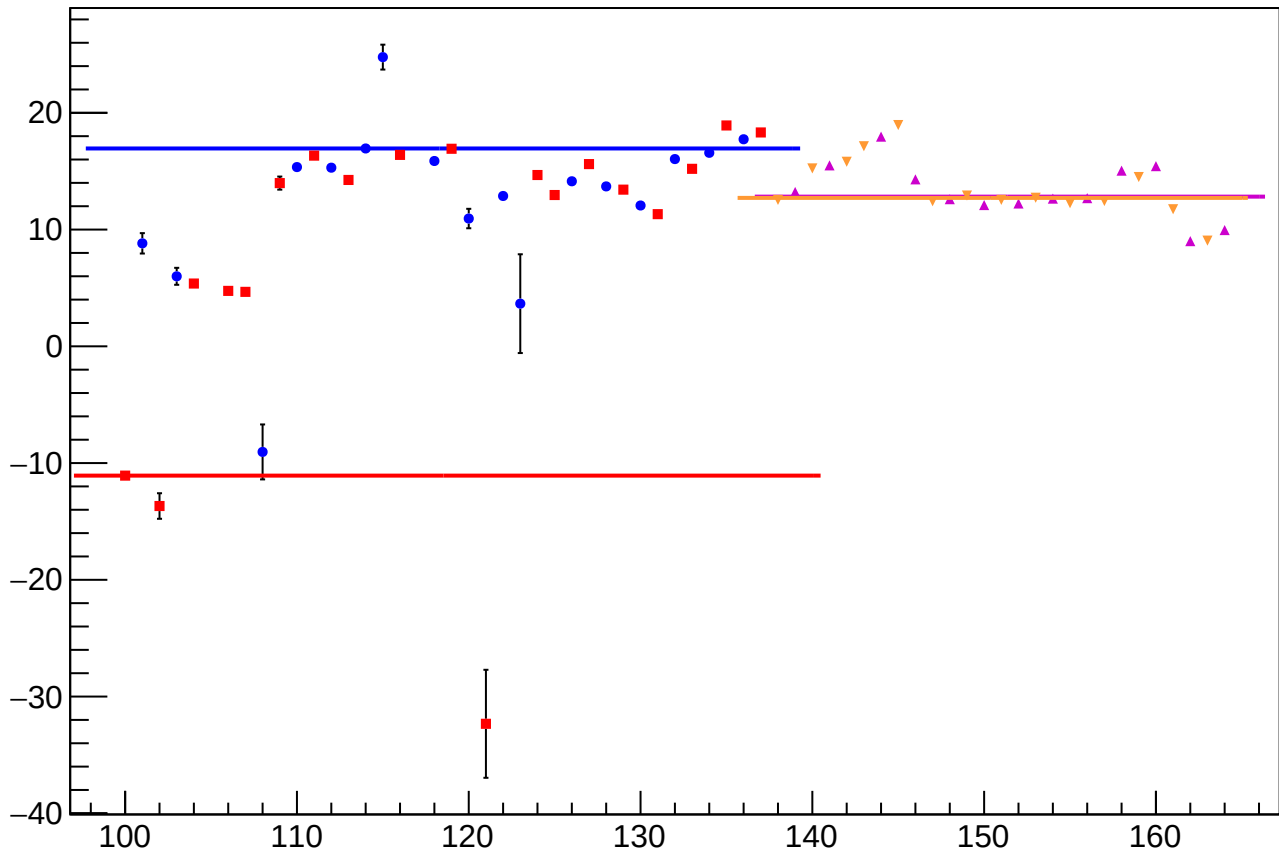
Left In: -0.800+/-0.007 χ^2/NDF : 75451.3/12

+ sign -9.259+/-0.000 χ^2/NDF : 1826020.9/30

All: 6.039+/-0.000 χ^2/NDF : 1645057450595

- sign 18.504+/-0.000 χ^2/NDF : 14484032.9/31

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 12.714 $\pm$ 0.009 χ^2 /NDF:33253.2/13

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

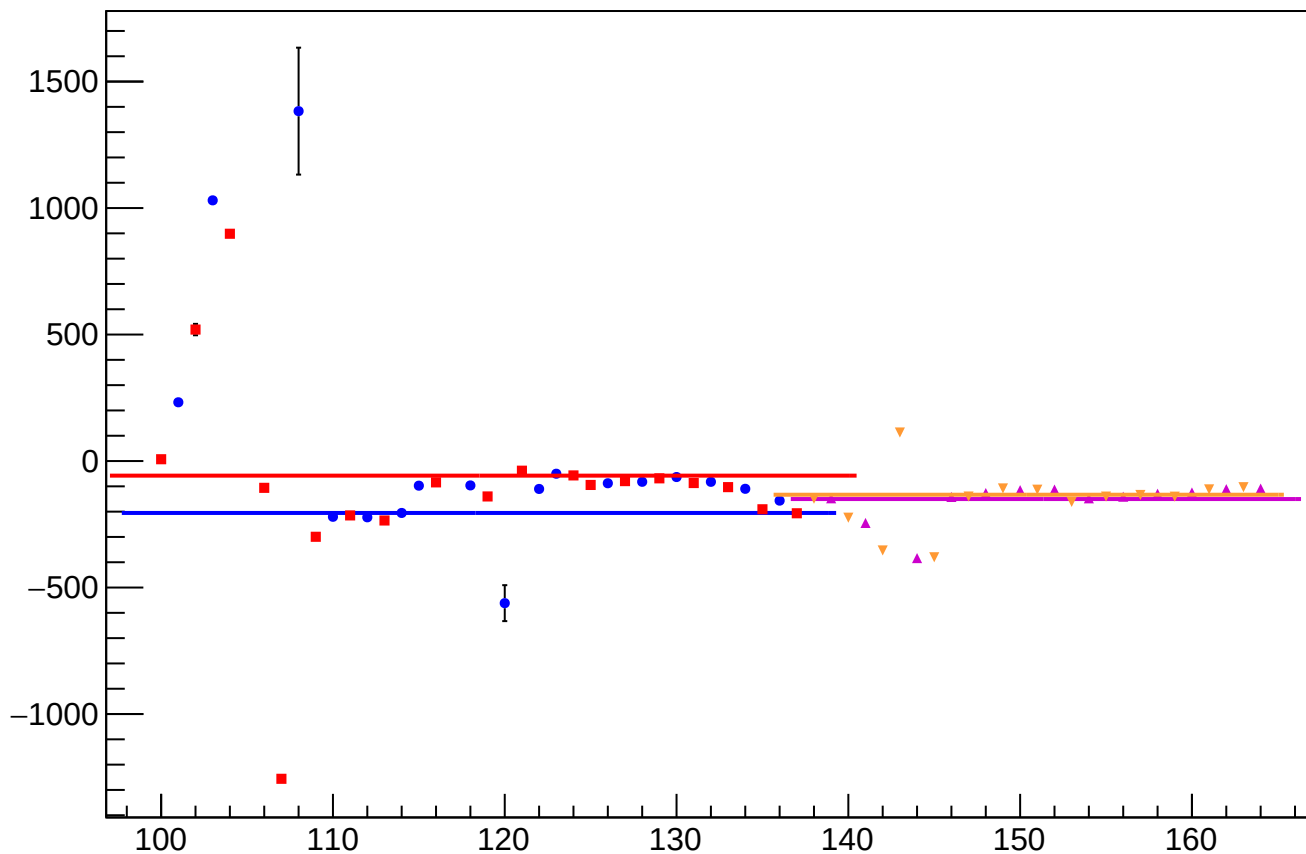
Left In: 12.822 $\pm$ 0.010 χ^2 /NDF:33811.2/12

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 250424.4/30

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

- sign -11.075 $\pm$ 0.000 χ^2 /NDF: 8320798.6/31

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -133.123+/-0.270 χ^2/NDF : 44420.1/13

Right Out: -57.684+/-0.283 χ^2/NDF : 114854.9/18

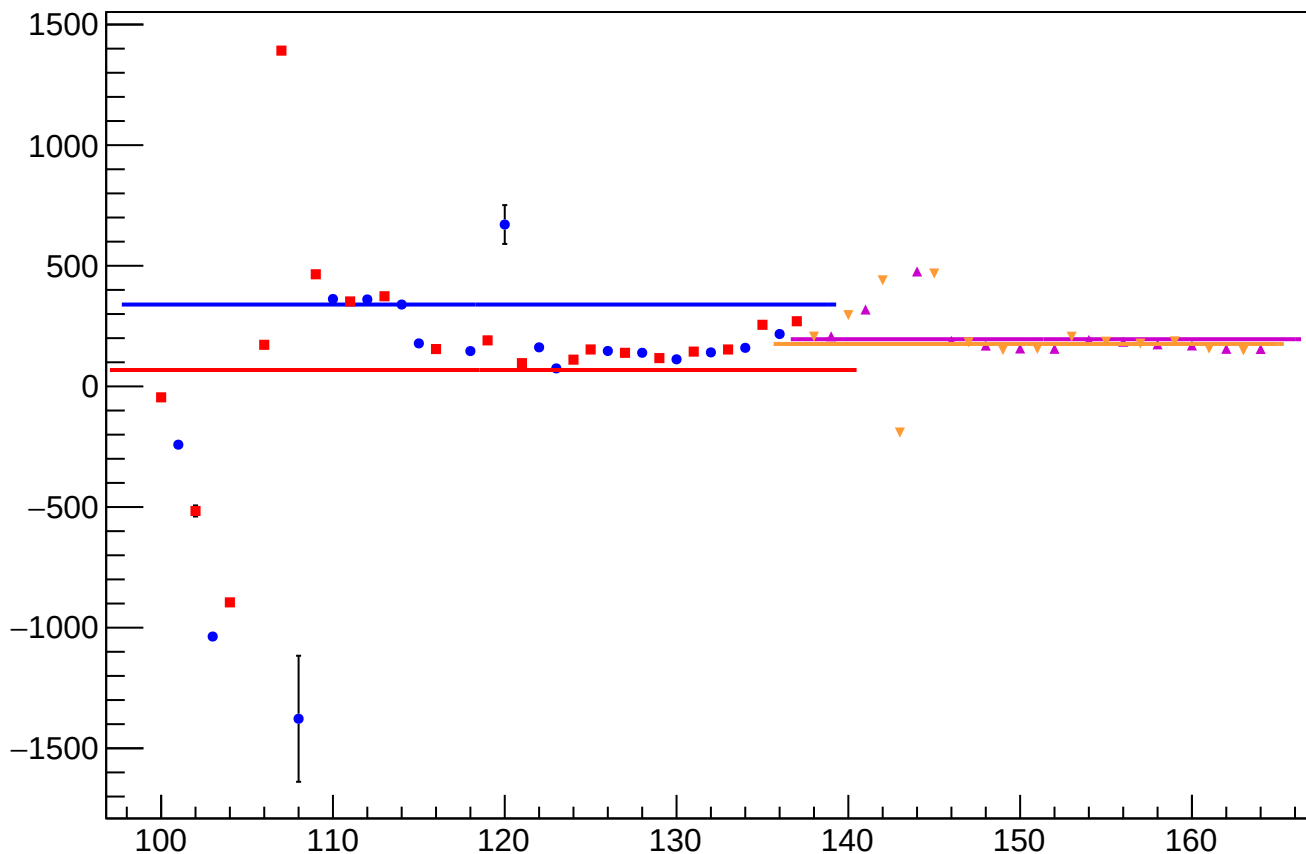
Left In: -150.220+/-0.316 χ^2/NDF : 41978.3/12

+ sign -205.160+/-0.000 χ^2/NDF : 698543.7/30

All: -205.160+/-0.000 χ^2/NDF : 1156476.3/62

- sign -98.911+/-0.211 χ^2/NDF : 204350.1/31

dit_atl1_4eX_slope vs Slug



Right In: 339.325 ± 0.000 χ^2/NDF : 1030606.3/16

Left Out: 175.935 ± 0.270 χ^2/NDF : 80110.1/13

Right Out: 68.024 ± 0.286 χ^2/NDF : 272330.9/18

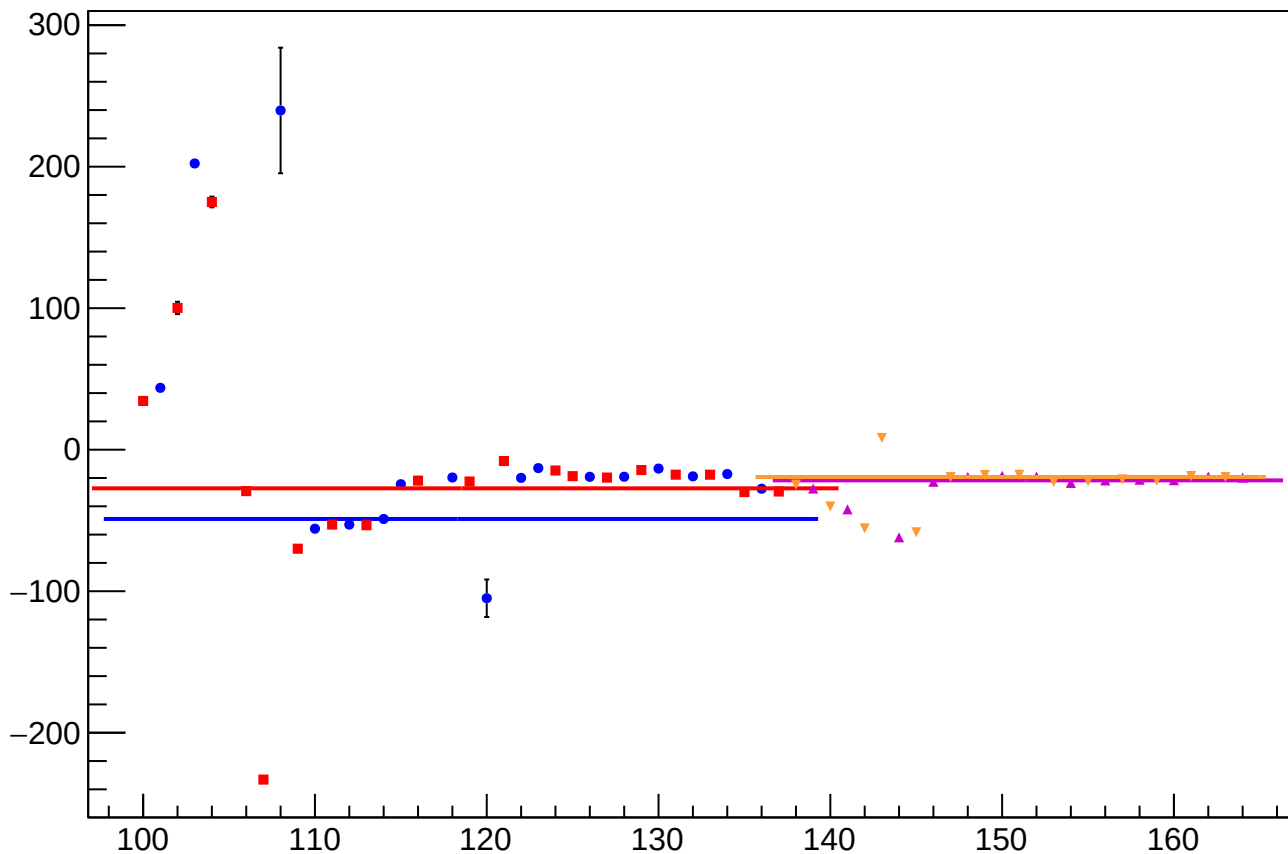
Left In: 195.665 ± 0.320 χ^2/NDF : 48473.6/12

+ sign 339.325 ± 0.000 χ^2/NDF : 1477919.8/30

All: 339.325 ± 0.000 χ^2/NDF : 2899685.8/62

- sign 124.733 ± 0.213 χ^2/NDF : 409249.1/31

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 $\pm$ 0.000 χ^2/NDF : 5408370.4/16

Left Out: -19.313 $\pm$ 0.013 χ^2/NDF : 564408.2/13

Right Out: -27.303 $\pm$ 0.052 χ^2/NDF : 167879.9/18

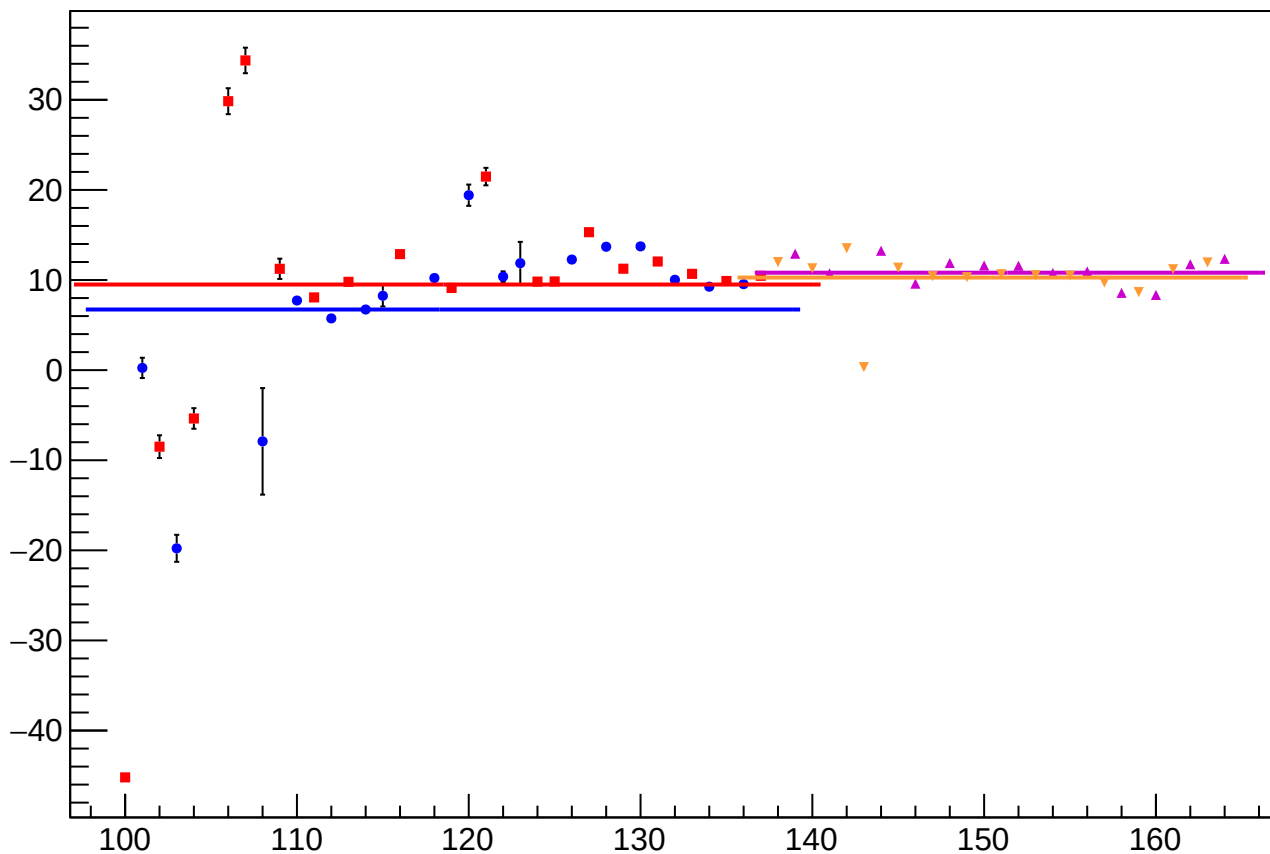
Left In: -21.672 $\pm$ 0.017 χ^2/NDF : 124781.3/12

+ sign -48.945 $\pm$ 0.000 χ^2/NDF : 11148768.5/30

All: -48.945 $\pm$ 0.000 χ^2/NDF : 14161565.5/62

- sign -22.227 $\pm$ 0.016 χ^2/NDF : 303356.8/31

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 10.274 ± 0.017 χ^2/NDF : 23519.1/13

Right Out: 9.502 ± 0.036 χ^2/NDF : 26822.1/18

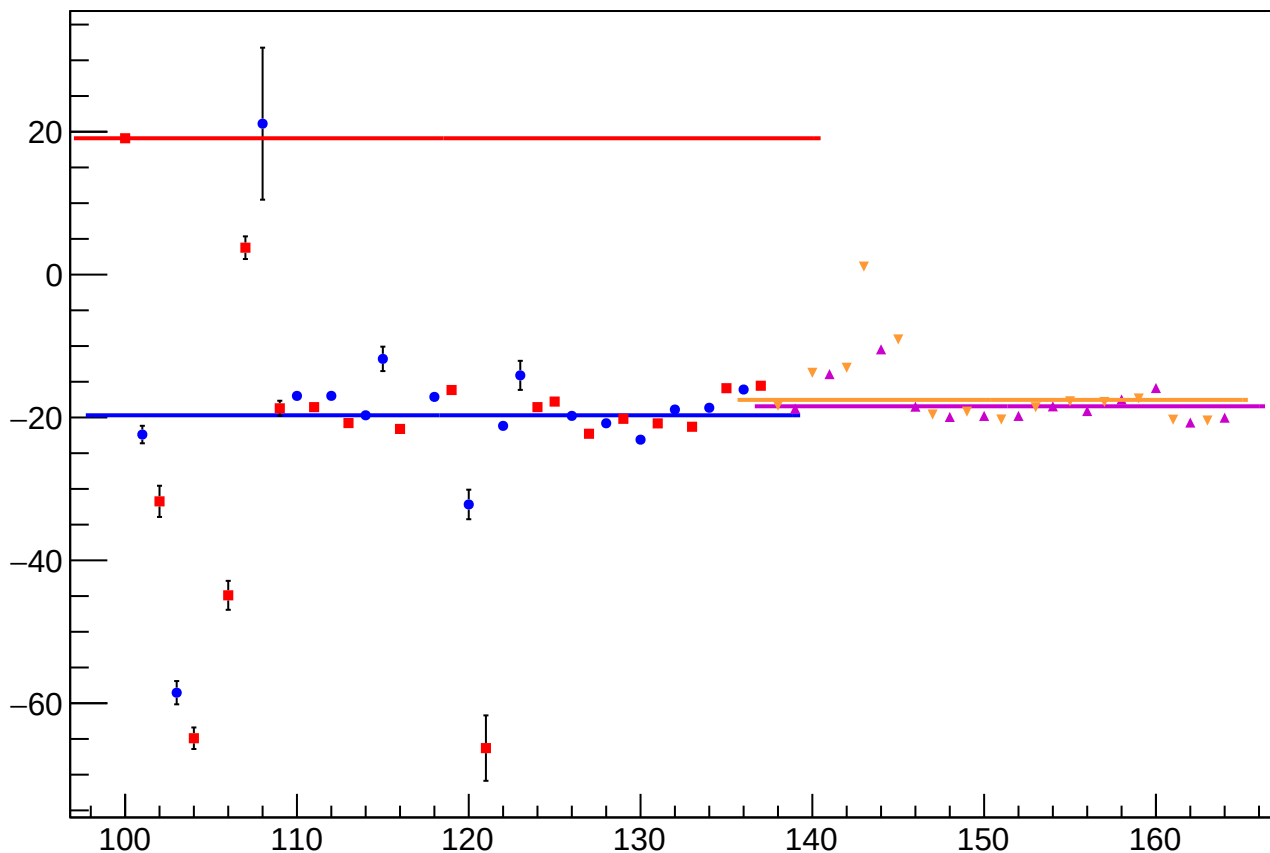
Left In: 10.815 ± 0.015 χ^2/NDF : 8702.6/12

+ sign 6.728 ± 0.000 χ^2/NDF : 79074.5/30

All: 6.728 ± 0.000 χ^2/NDF : 197880.7/62

- sign 10.624 ± 0.014 χ^2/NDF : 36685.4/31

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 $\chi^2/\text{NDF}: 7579.0/16$

Left Out: -17.537 ± 0.021 $\chi^2/\text{NDF}: 39125.5/13$

Right Out: 19.086 ± 0.000 $\chi^2/\text{NDF}: 610746.9/18$

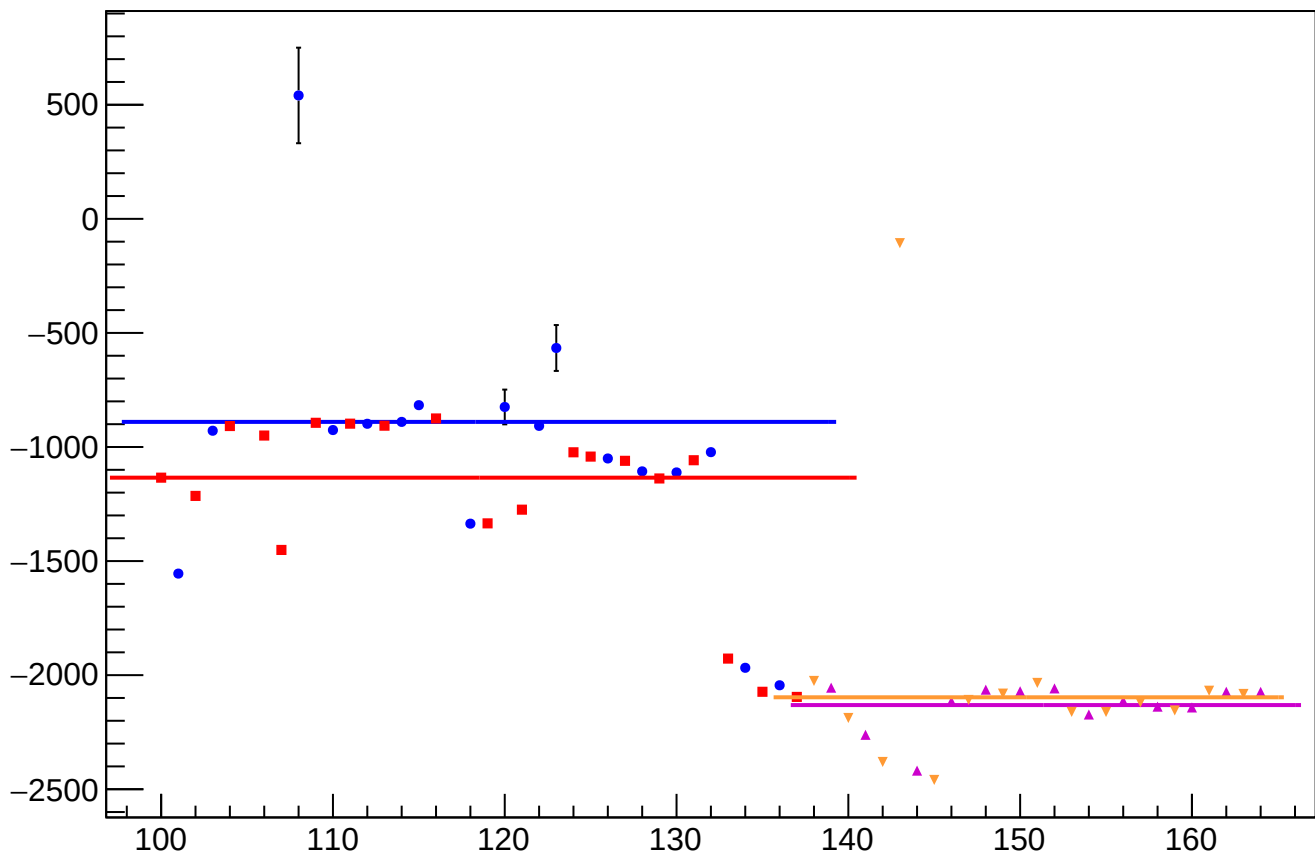
Left In: -18.434 ± 0.020 $\chi^2/\text{NDF}: 7745.3/12$

+ sign -19.693 ± 0.000 $\chi^2/\text{NDF}: 57567.3/30$

All: -6.006 ± 0.000 $\chi^2/\text{NDF}: 4625637731292$

- sign 19.086 ± 0.000 $\chi^2/\text{NDF}: 4107063.5/31$

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2097.065+/-0.488 χ^2/NDF : 265264.5/13

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

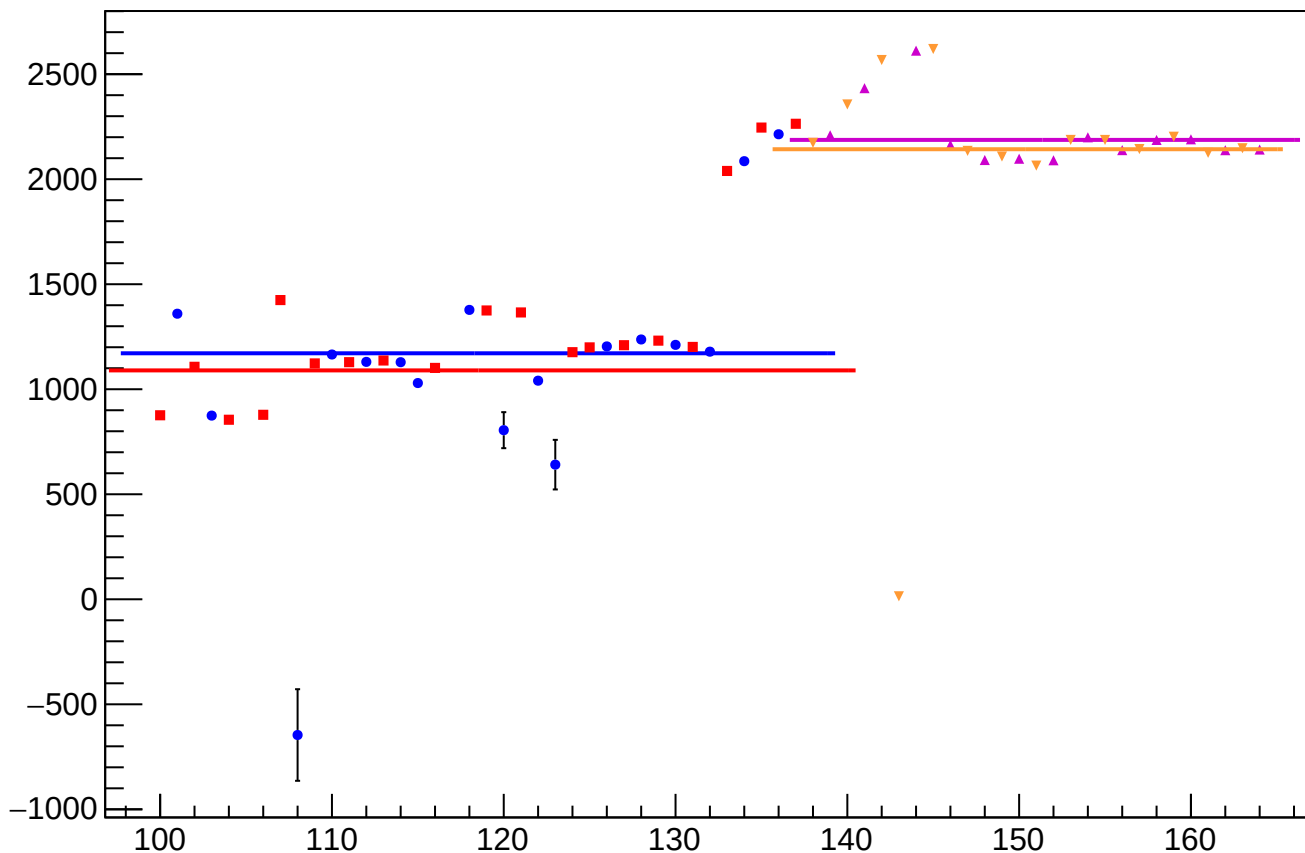
Left In: -2131.150+/-0.486 χ^2/NDF : 33571.4/12

+ sign -889.928+/-0.000 χ^2/NDF : 7151067.9/30

All: -976.220+/-0.000 χ^2/NDF : 44889787387

- sign -1134.421+/-0.000 χ^2/NDF : 4974248.0/31

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2142.685 $\pm$ 0.484 χ^2 /NDF: 303098.9/13

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

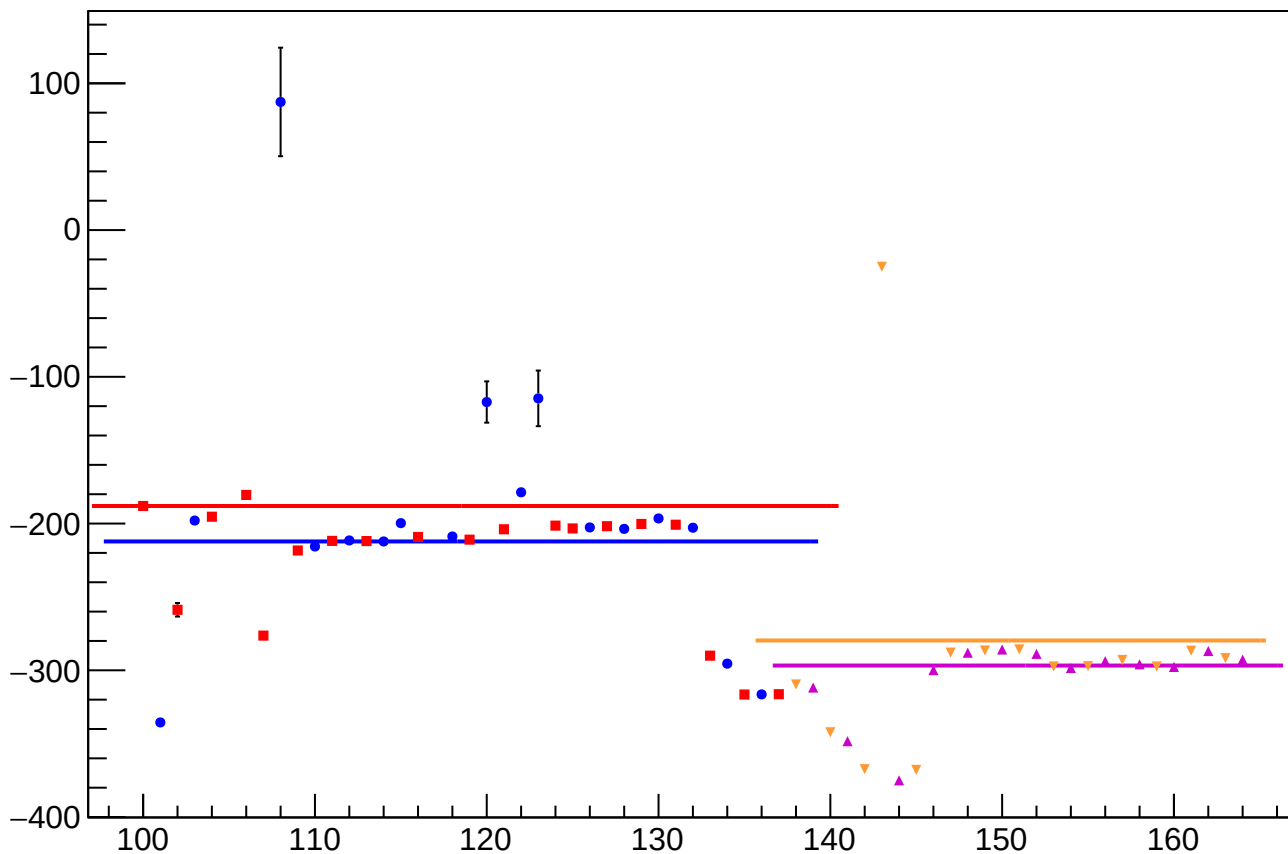
Left In: 2187.116 $\pm$ 0.488 χ^2 /NDF: 56928.3/12

+ sign 1369.825 $\pm$ 0.219 χ^2 /NDF: 4017227.9/30

All: 1346.884 $\pm$ 0.157 χ^2 /NDF: 9176804.0/62

- sign 1322.649 $\pm$ 0.225 χ^2 /NDF: 5136980.6/31

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -279.674 ± 0.027 $\chi^2/\text{NDF}: 5750878.2/13$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

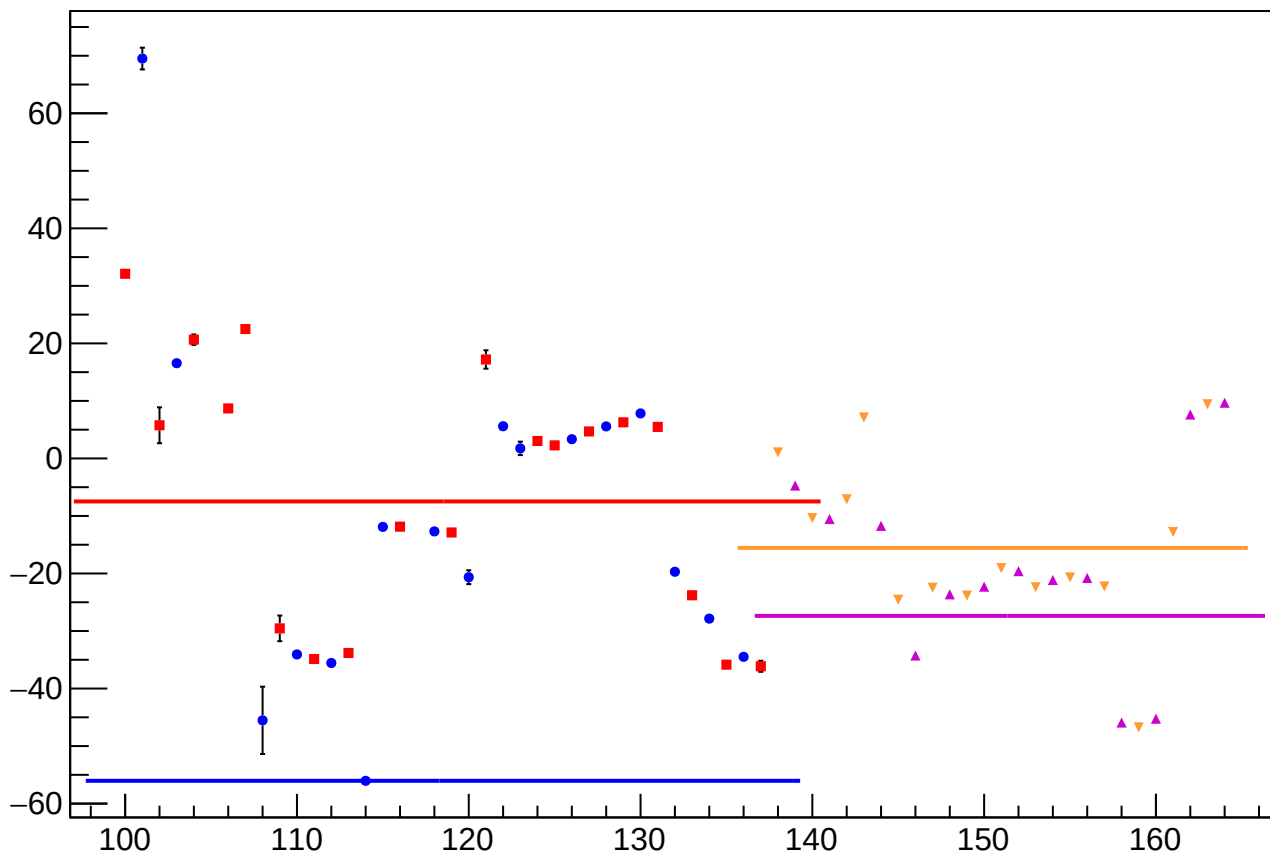
Left In: -296.766 ± 0.026 $\chi^2/\text{NDF}: 292240.9/12$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 12928527.9/30$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

- sign -188.033 ± 0.000 $\chi^2/\text{NDF}: 18196853.0/31$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1585420.7/16

Left Out: -15.546 ± 0.023 χ^2/NDF : 693913.1/13

Right Out: -7.476 ± 0.042 χ^2/NDF : 173893.8/18

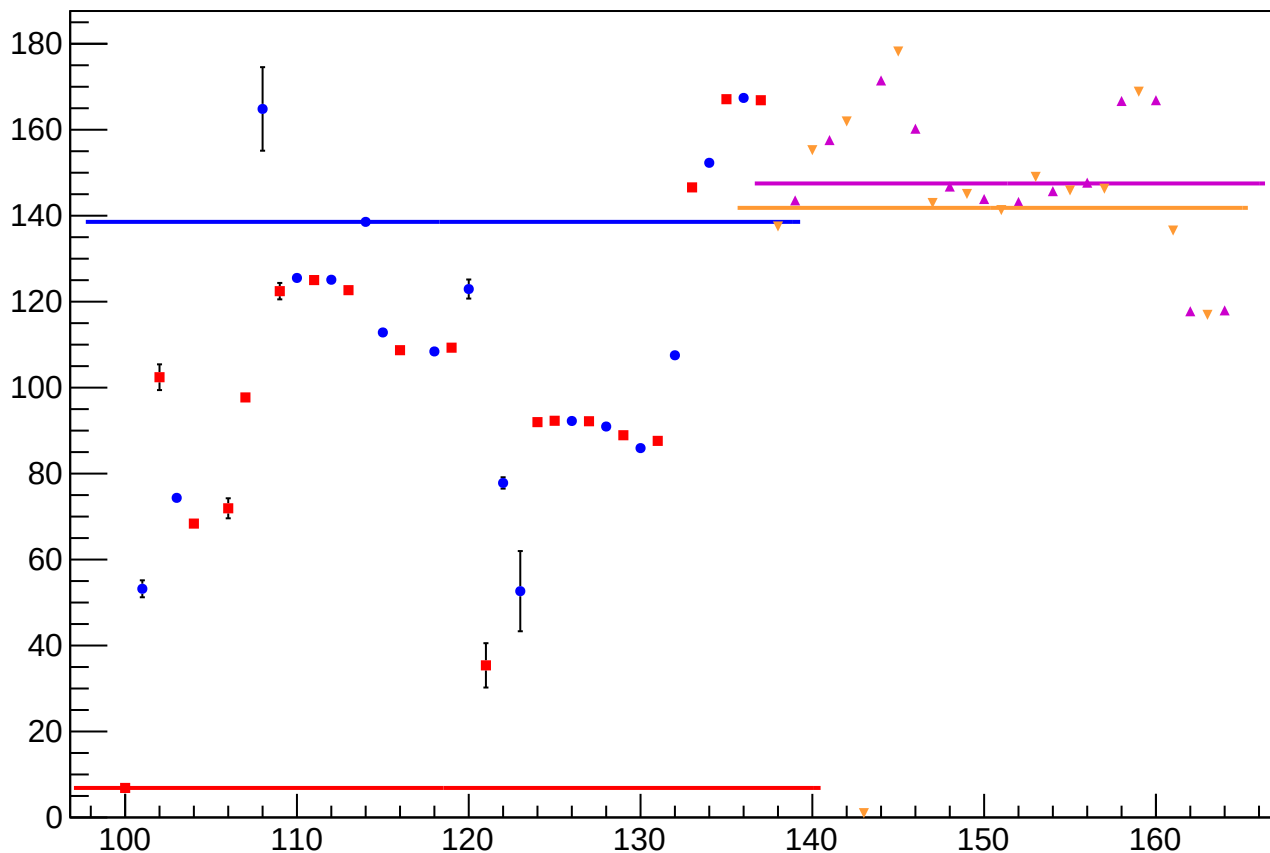
Left In: -27.365 ± 0.024 χ^2/NDF : 460807.5/12

+ sign -56.037 ± 0.000 χ^2/NDF : 5278430.1/30

All: -56.037 ± 0.000 χ^2/NDF : 8623463.0/62

- sign -22.389 ± 0.021 χ^2/NDF : 801422.5/31

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 141.824 $\pm$ 0.032 χ^2 /NDF: 472045.0/13

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

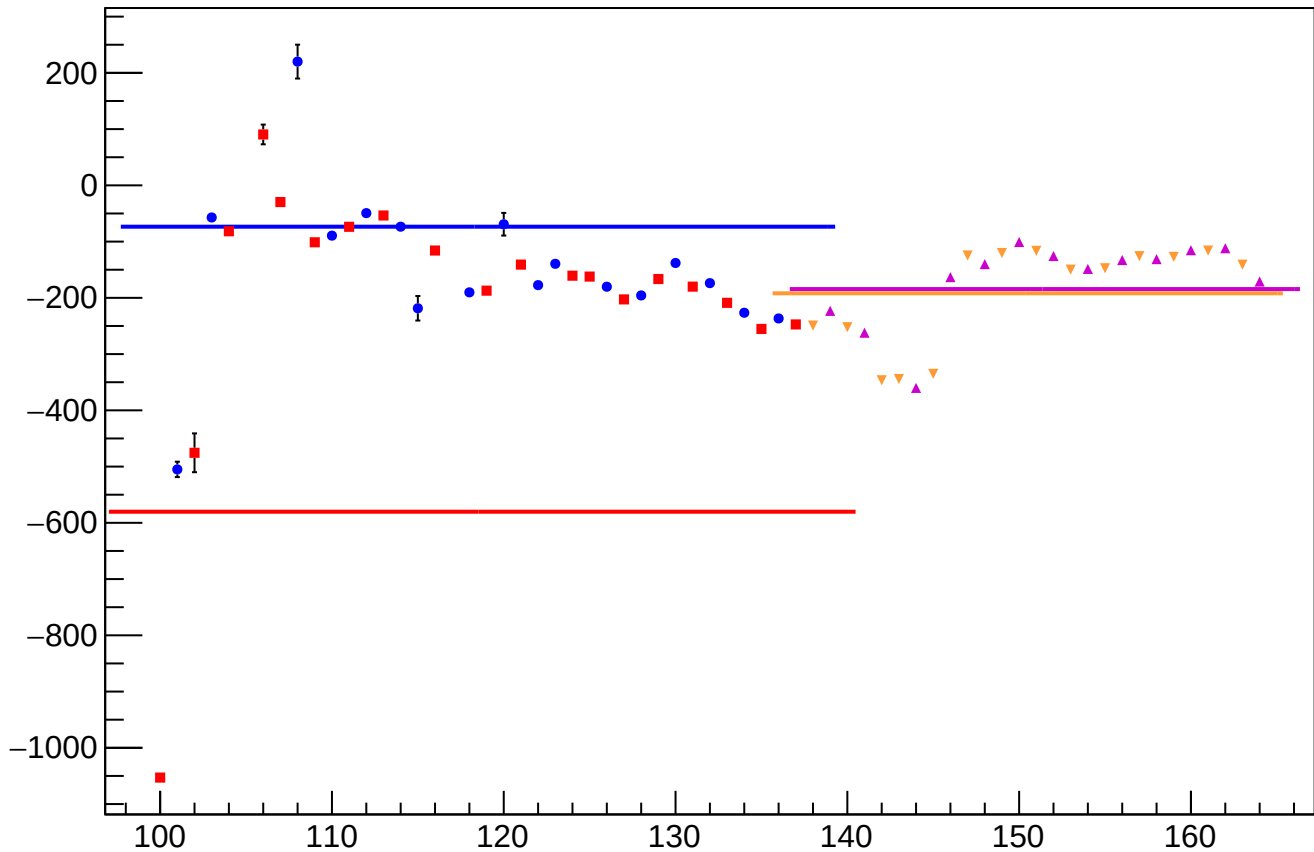
Left In: 147.501 $\pm$ 0.033 χ^2 /NDF: 173440.8/12

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 1383438.4/30

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

- sign 6.866 $\pm$ 0.000 χ^2 /NDF: 26162778.6/31

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -191.923 ± 0.314 $\chi^2/\text{NDF}: 65047.4/13$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

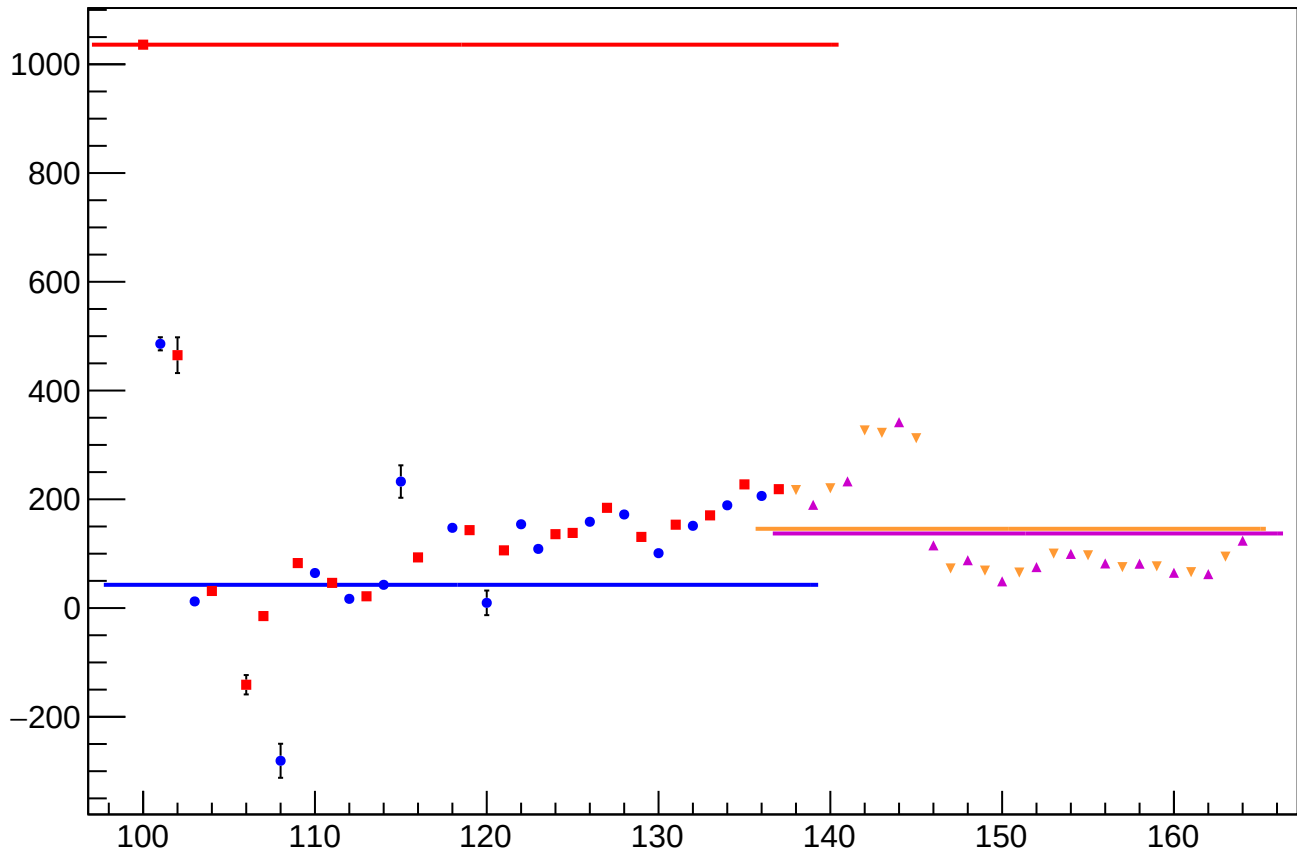
Left In: -184.372 ± 0.335 $\chi^2/\text{NDF}: 60530.0/12$

+ sign -73.485 ± 0.000 $\chi^2/\text{NDF}: 305644.1/30$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 7278986.7/62$

- sign -430.890 ± 0.206 $\chi^2/\text{NDF}: 3960612.2/31$

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 145.774+/-0.318 χ^2/NDF : 79687.8/13

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

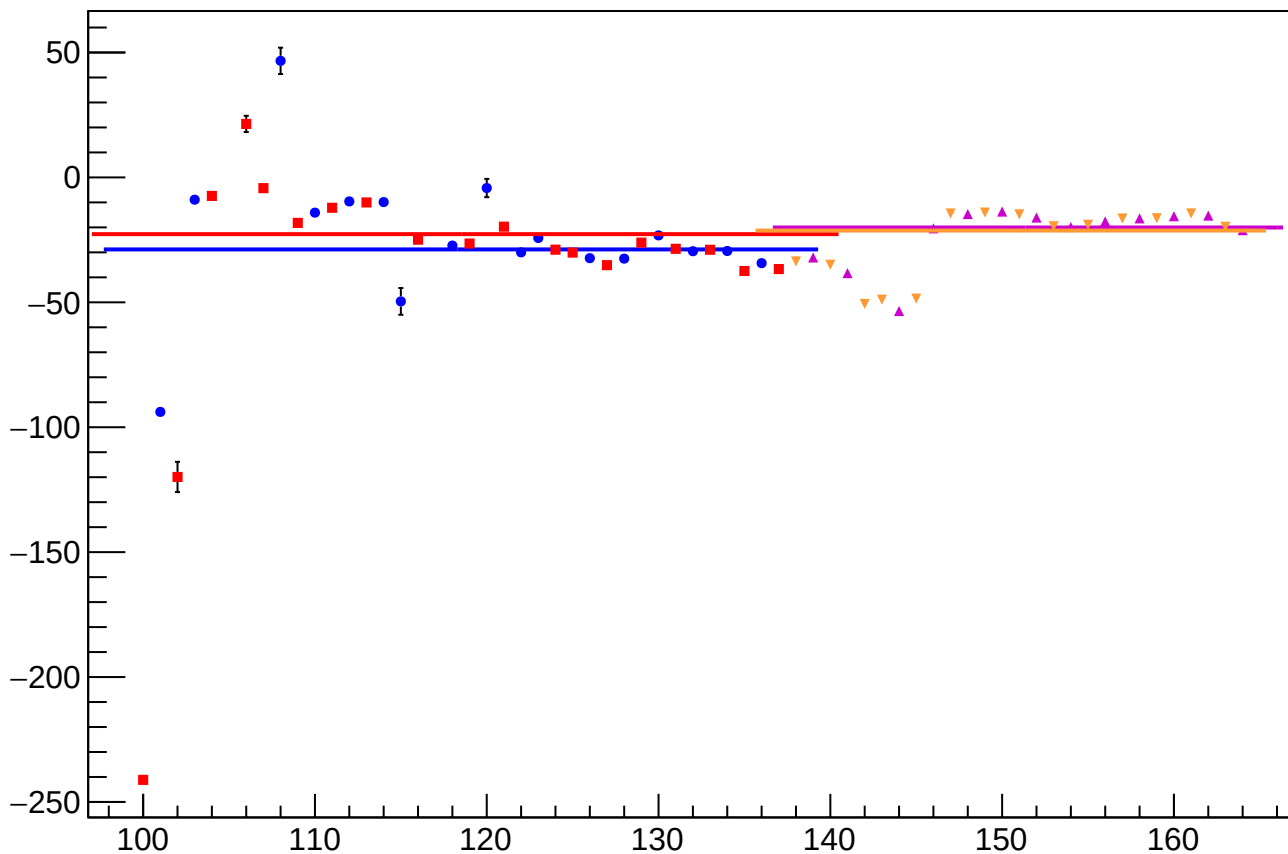
Left In: 137.166+/-0.342 χ^2/NDF : 70077.6/12

+ sign 42.743+/-0.000 χ^2/NDF : 268968.2/30

All: 43.272+/-0.000 χ^2/NDF : 1144517497260

- sign 1036.068+/-0.000 χ^2/NDF : 11910665.0/31

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -21.269 ± 0.016 χ^2/NDF : 344428.7/13

Right Out: -22.707 ± 0.038 χ^2/NDF : 410174.9/18

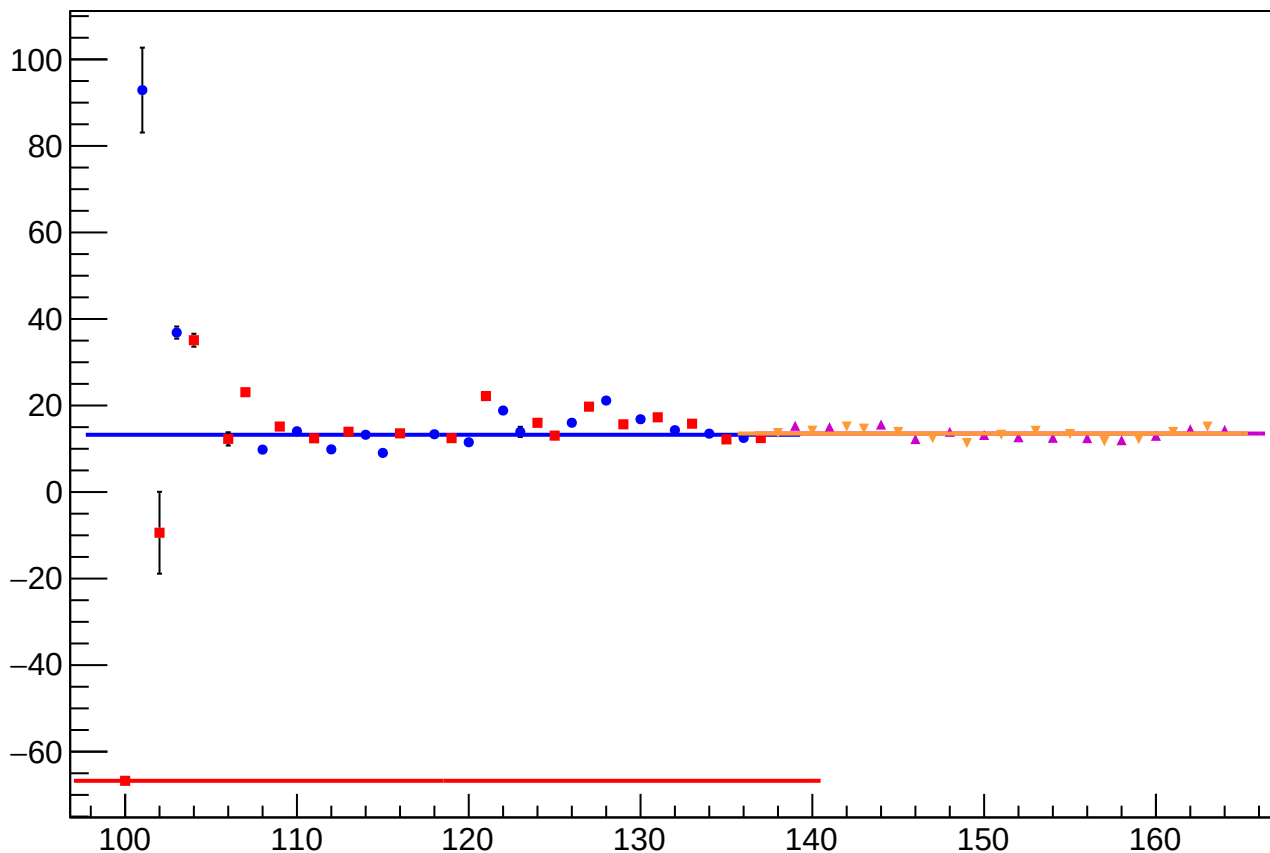
Left In: -20.052 ± 0.018 χ^2/NDF : 200362.6/12

+ sign -22.550 ± 0.014 χ^2/NDF : 433187.2/30

All: -21.649 ± 0.011 χ^2/NDF : 1056659.7/62

- sign -20.521 ± 0.016 χ^2/NDF : 614539.0/31

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 13.528+/-0.015 χ^2/NDF : 5292.1/13

Right Out: -66.739+/-0.000 χ^2/NDF : 3023648.4/18

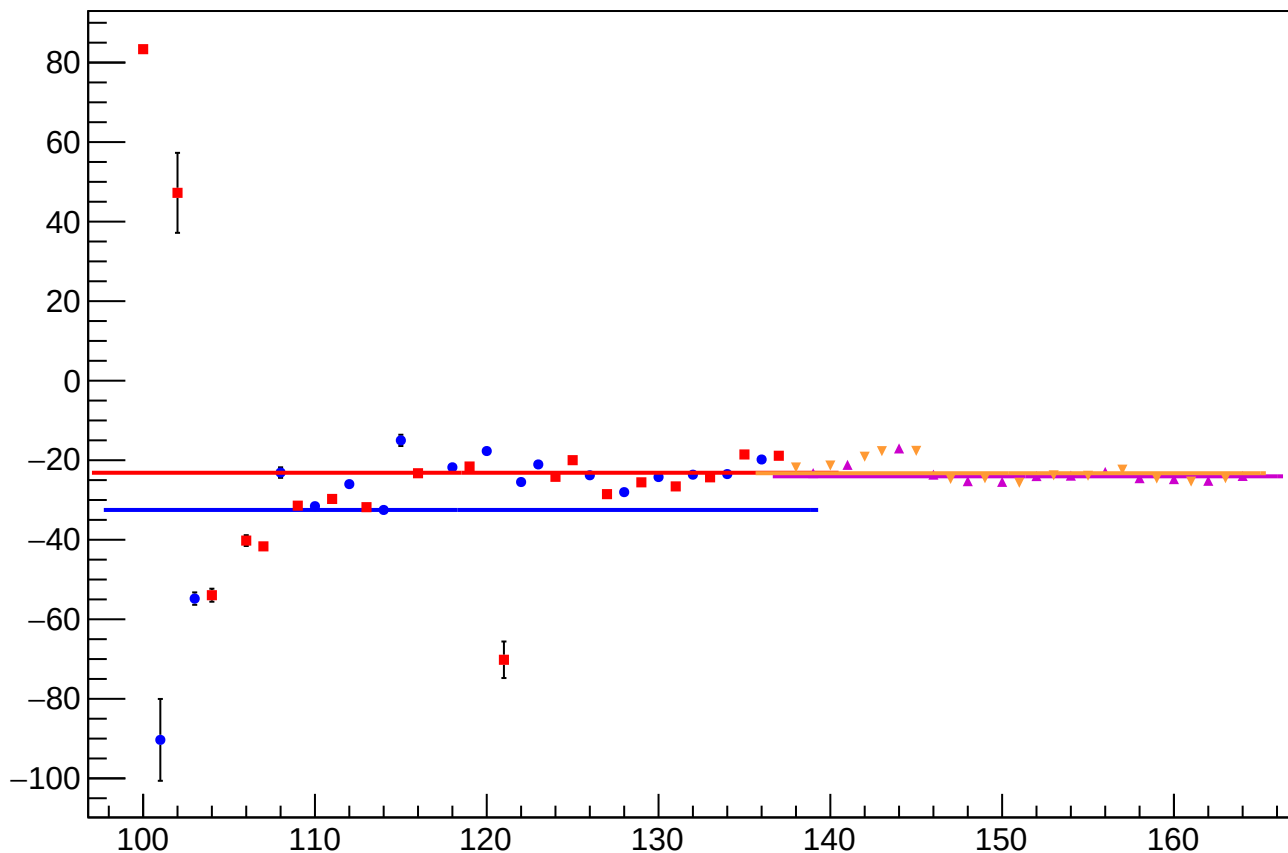
Left In: 13.525+/-0.016 χ^2/NDF : 5128.9/12

+ sign 13.238+/-0.000 χ^2/NDF : 11410.6/30

All: 12.562+/-0.000 χ^2/NDF : 1884310027651

- sign -66.739+/-0.000 χ^2/NDF : 28597579.3/31

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -23.269 ± 0.021 χ^2/NDF : 12545.4/13

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

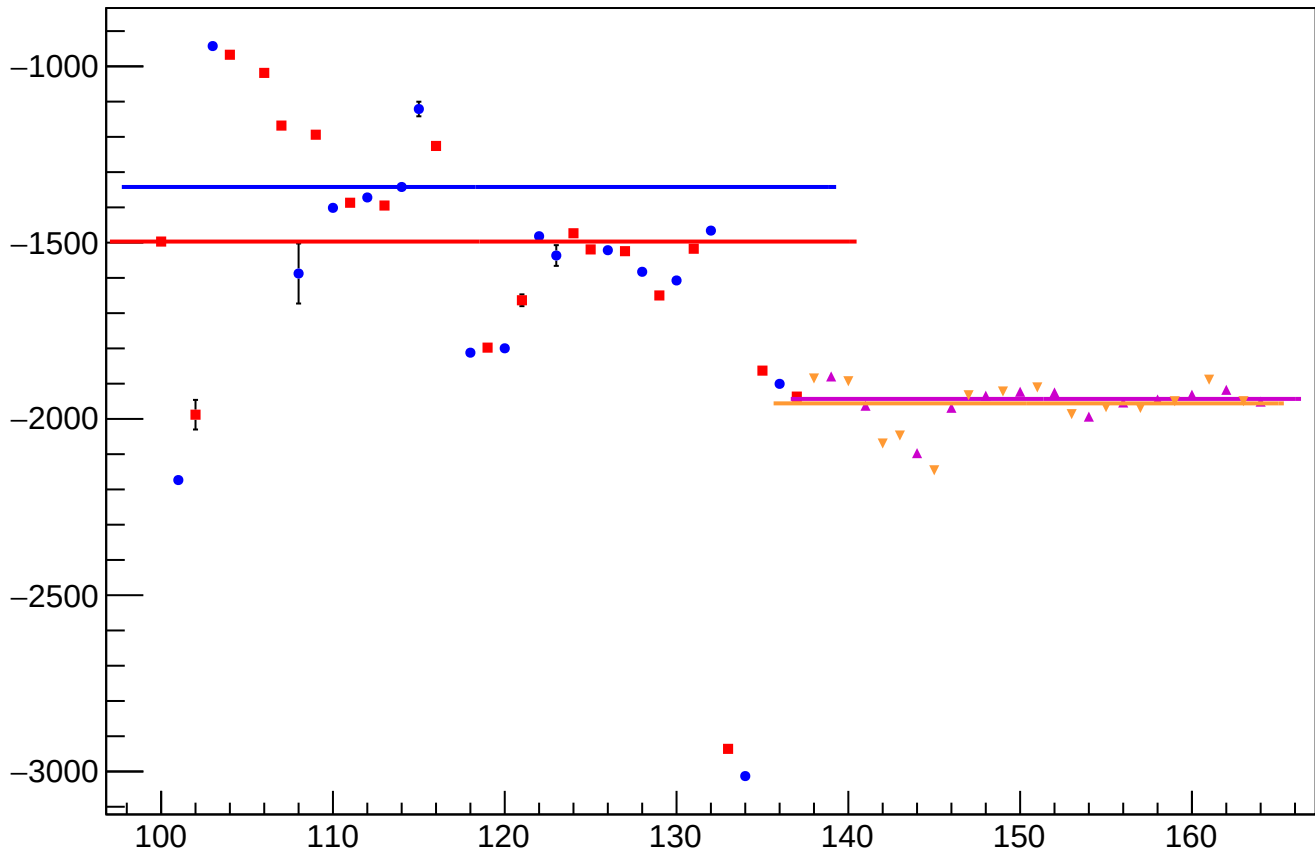
Left In: -24.048 ± 0.019 χ^2/NDF : 6257.5/12

+ sign -32.504 ± 0.000 χ^2/NDF : 274823.7/30

All: -32.504 ± 0.000 χ^2/NDF : 599904.6/62

- sign -23.920 ± 0.018 χ^2/NDF : 97310.8/31

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -1955.887+/-0.429 χ^2/NDF :15090.8/13

+ sign -1342.107+/-0.000 χ^2/NDF : 2433938.3/30

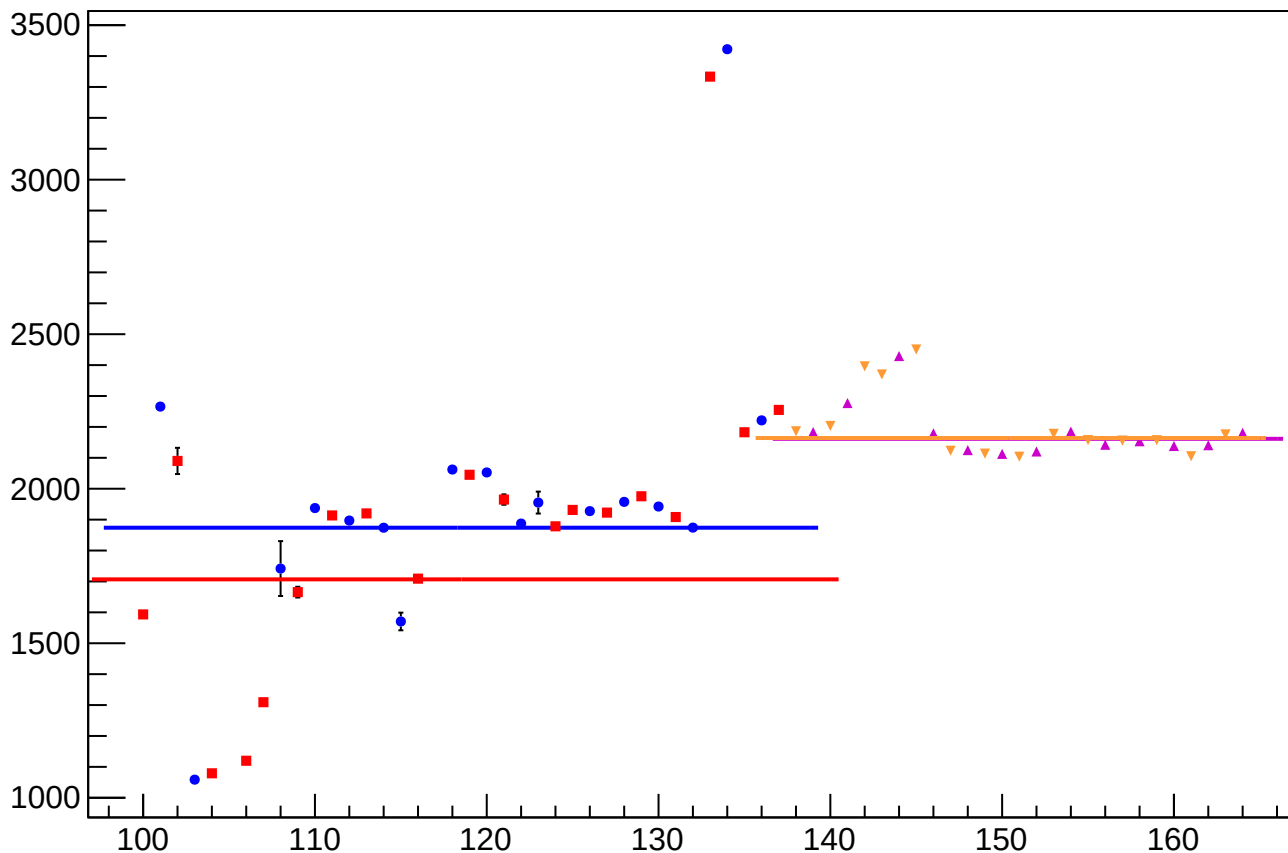
Right Out: -1496.932+/-0.000 χ^2/NDF : 504712.5/18

All: -1396.751+/-0.000 χ^2/NDF : 1800086126

- sign -1496.932+/-0.000 χ^2/NDF : 2205218.2/31

Left In: -1943.246+/-0.344 χ^2/NDF :16053.7/12

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 201563.9/16

Left Out: 2164.069+/-0.432 χ^2/NDF : 28047.2/13

Right Out: 1706.739+/-0.302 χ^2/NDF : 837936.9/18

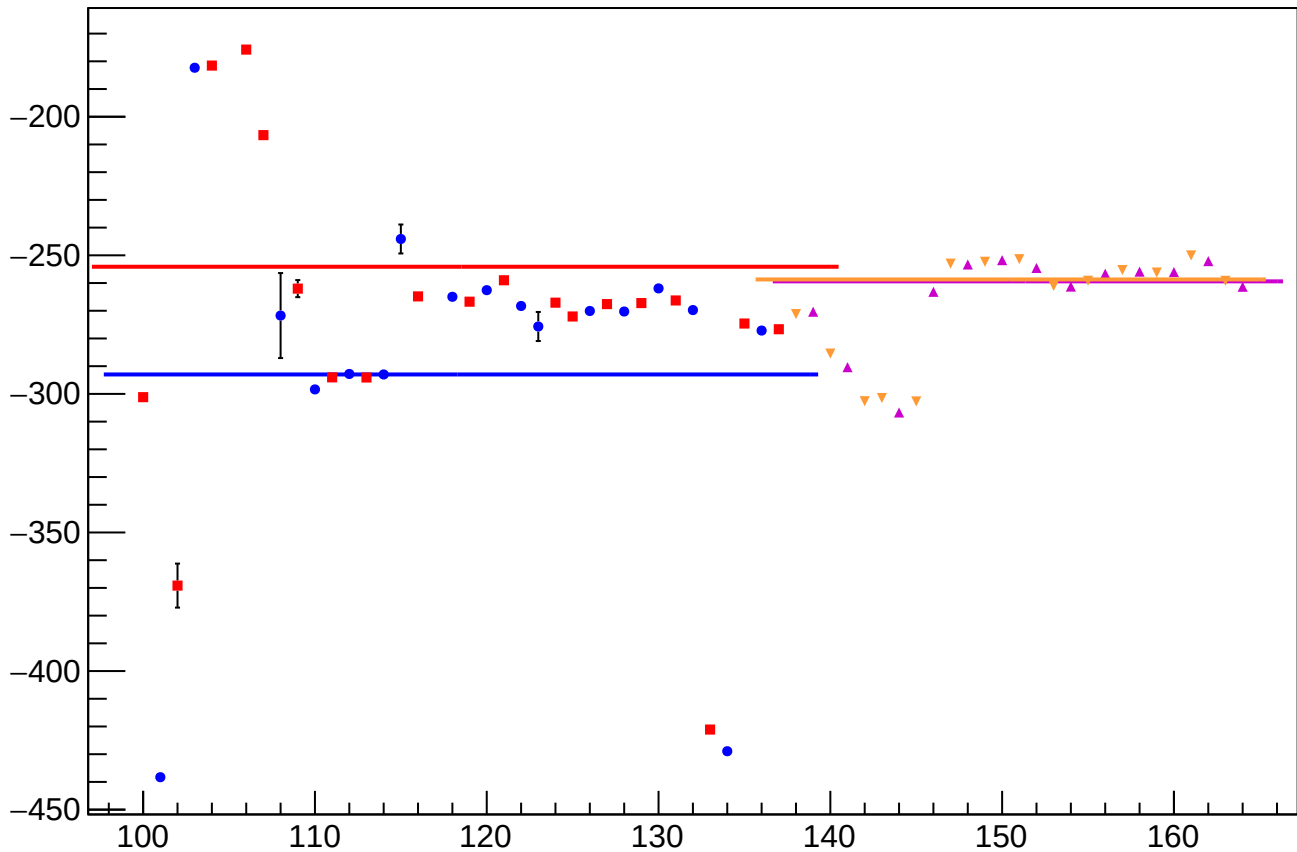
Left In: 2161.475+/-0.344 χ^2/NDF : 36736.3/12

+ sign 1873.852+/-0.000 χ^2/NDF : 681682.1/30

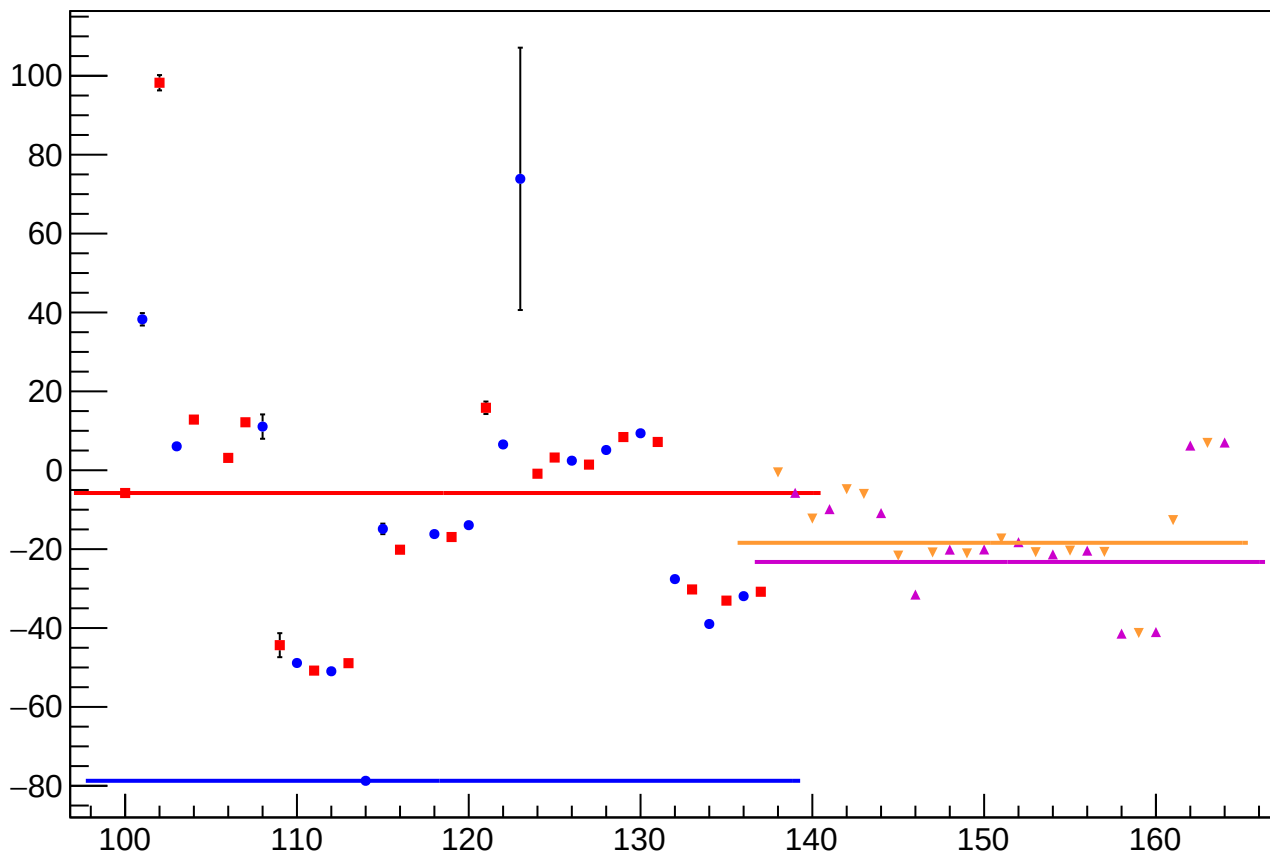
All: 1873.852+/-0.000 χ^2/NDF : 2560019.5/62

- sign 1904.824+/-0.227 χ^2/NDF : 1859749.5/31

dit_atr2_11X12X_slope vs Slug



dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF : 1399088.3/16

Left Out: -18.392+/-0.024 χ^2/NDF : 432048.7/13

Right Out: -5.769+/-0.000 χ^2/NDF : 111570.1/18

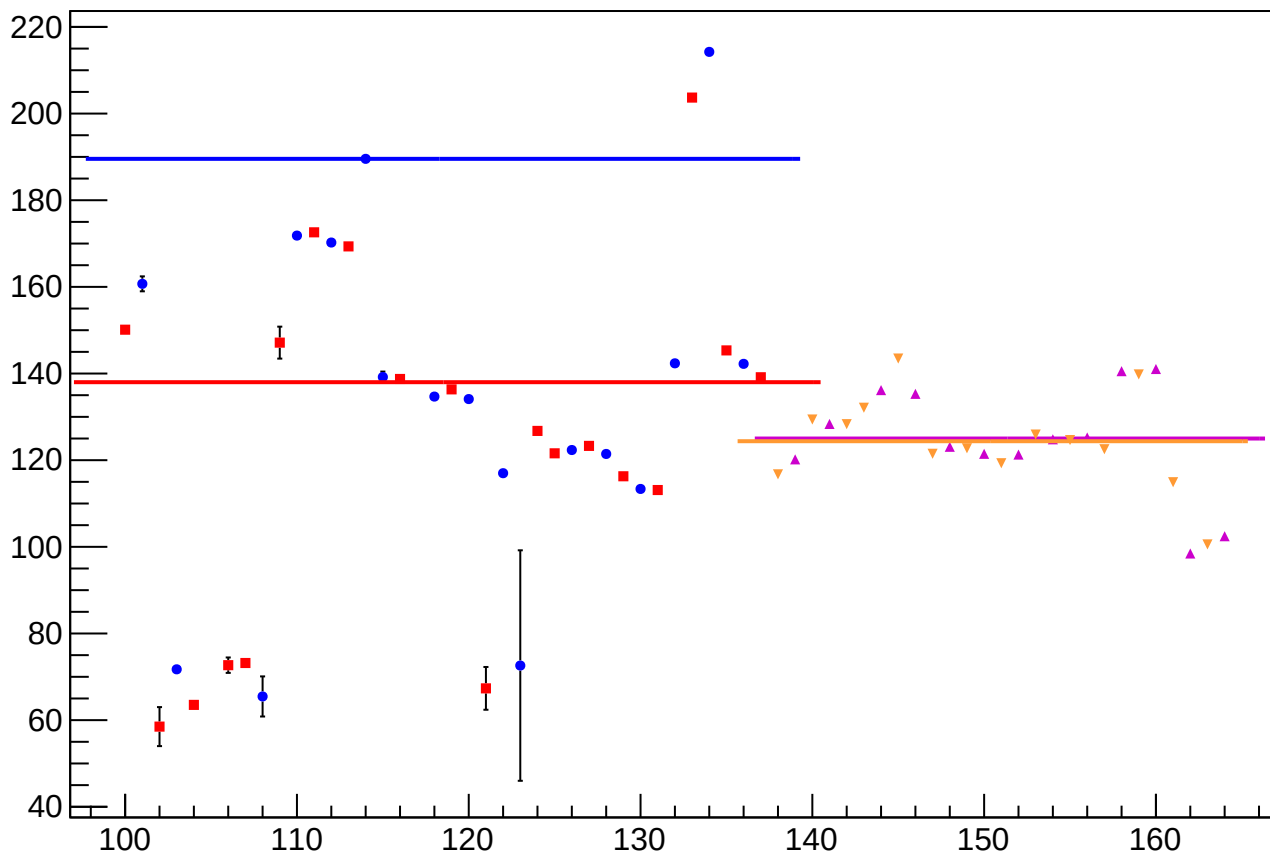
Left In: -23.249+/-0.020 χ^2/NDF : 455864.9/12

+ sign -78.728+/-0.000 χ^2/NDF : 8366311.6/30

All: -6.288+/-0.000 χ^2/NDF : 2878797679293

- sign -5.769+/-0.000 χ^2/NDF : 1322222.4/31

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 927391.8/16

Left Out: 124.378 $\pm$ 0.029 χ^2 /NDF: 97611.4/13

Right Out: 138.002 $\pm$ 0.059 χ^2 /NDF: 117357.8/18

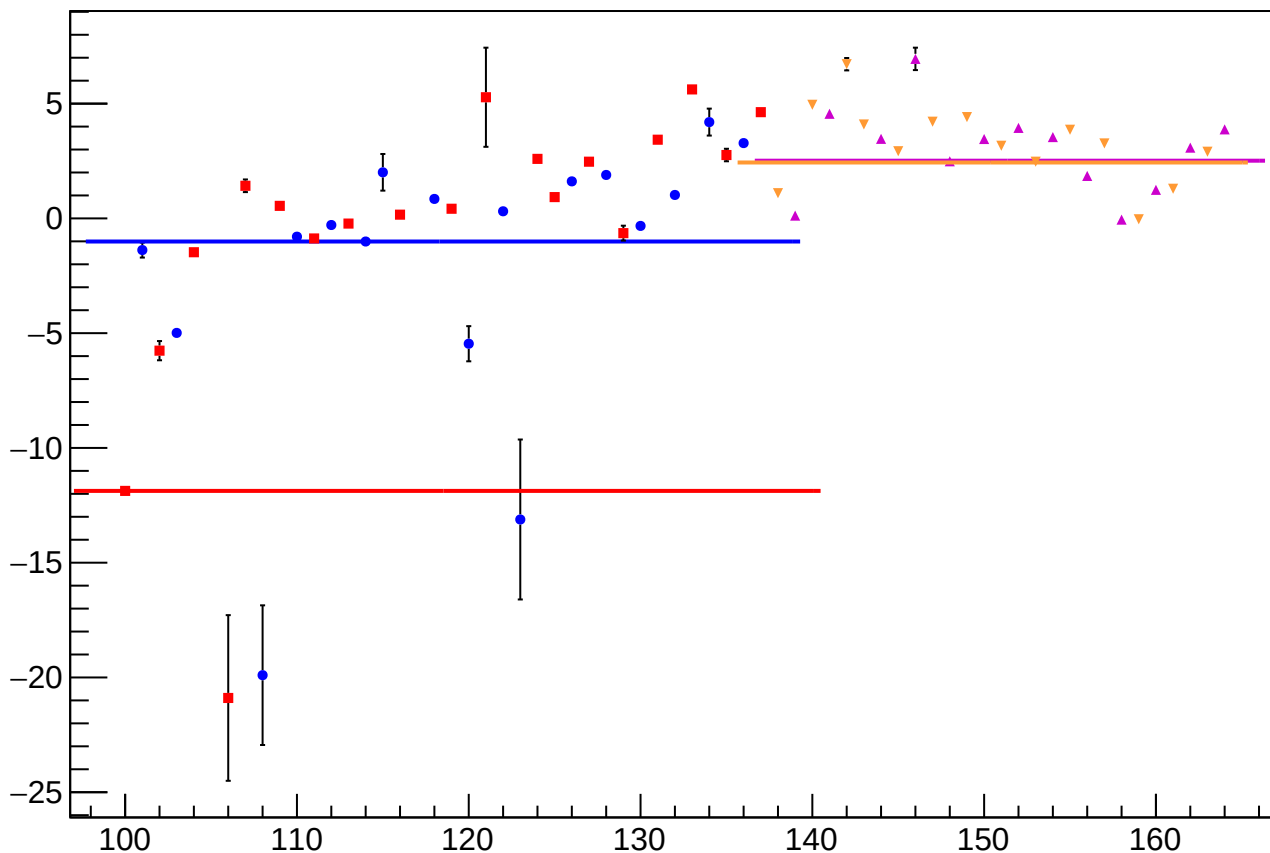
Left In: 124.998 $\pm$ 0.029 χ^2 /NDF: 160080.0/12

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 6009472.3/30

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 12096080.1/62

- sign 127.486 $\pm$ 0.026 χ^2 /NDF: 316634.7/31

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 2.436 ± 0.026 χ^2/NDF : 4886.9/13

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

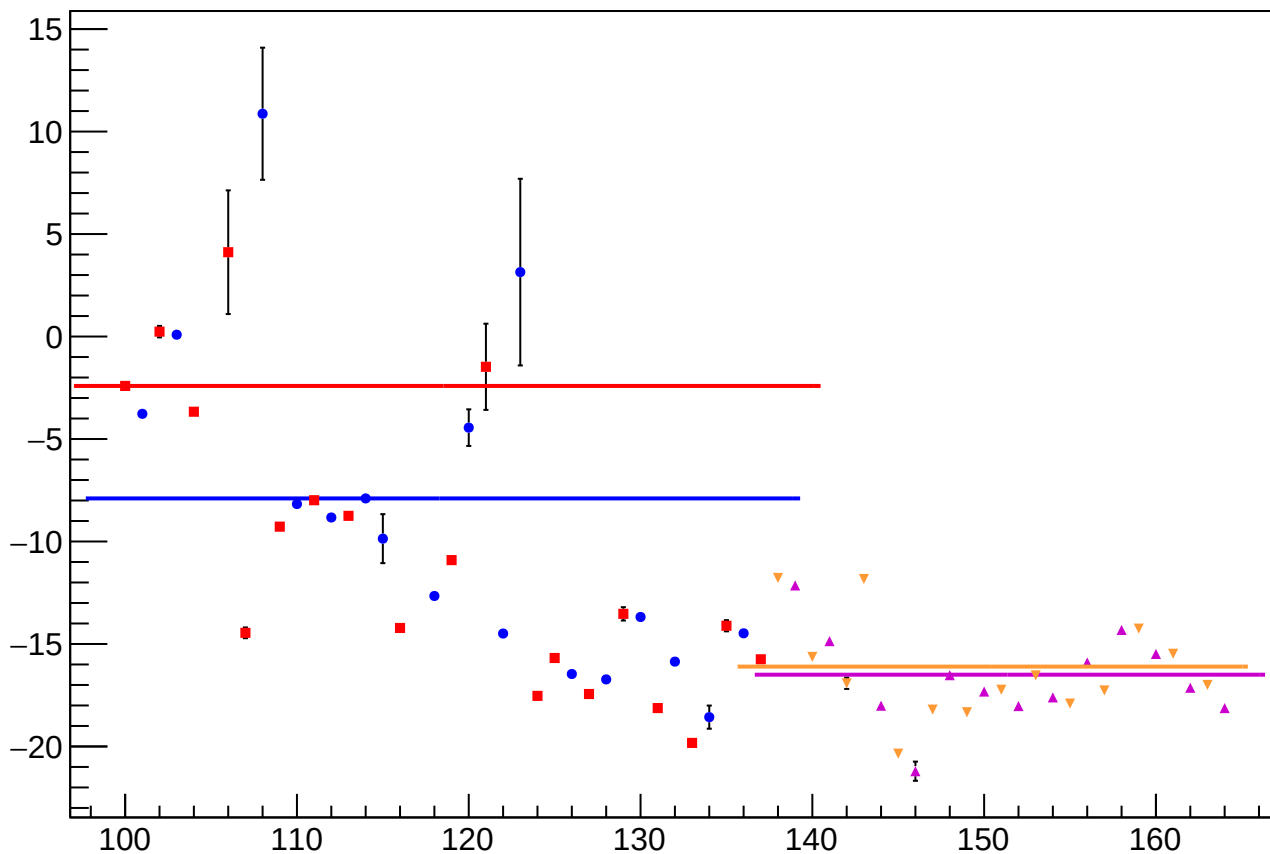
Left In: 2.514 ± 0.019 χ^2/NDF : 6360.7/12

+ sign -1.007 ± 0.000 χ^2/NDF : 29515.1/30

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 1073008.1/31

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.104 ± 0.026 χ^2/NDF : 6080.9/13

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

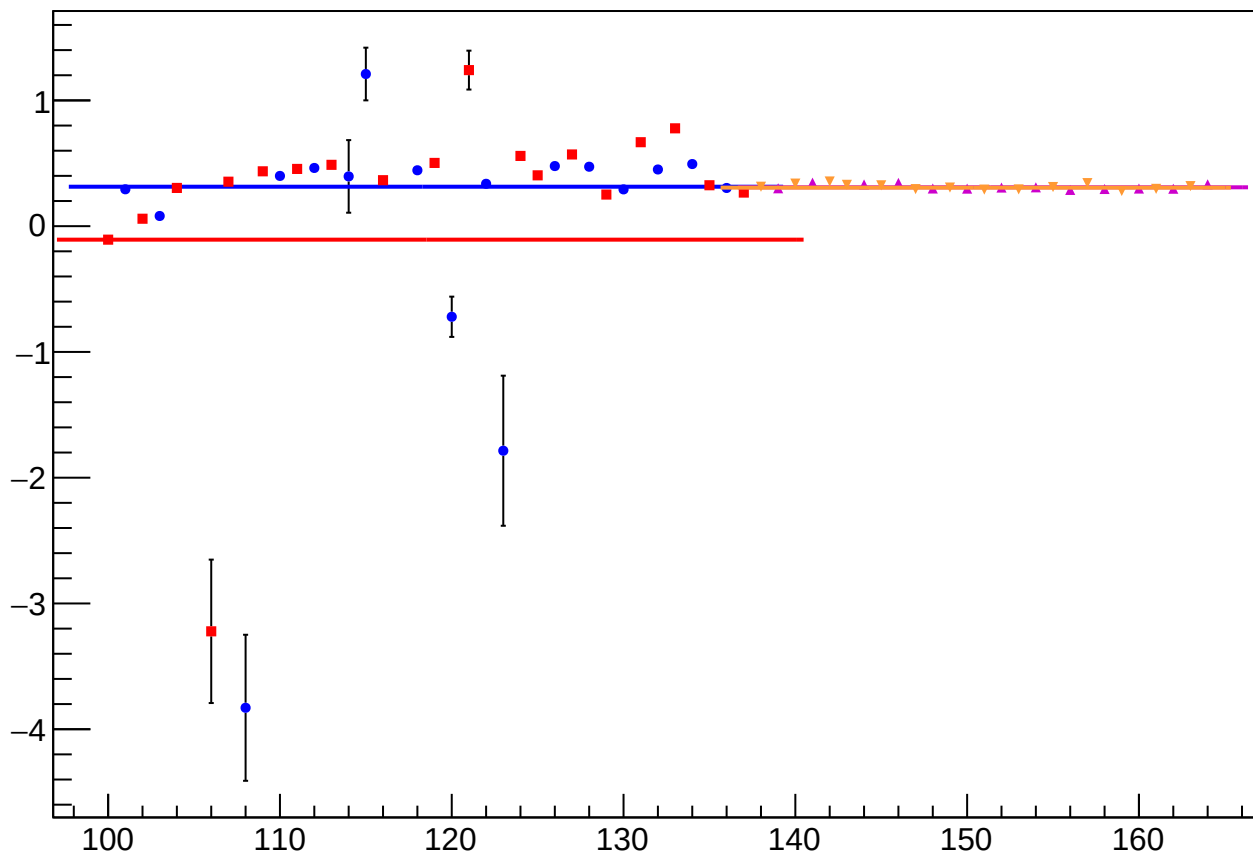
Left In: -16.498 ± 0.020 χ^2/NDF : 5350.9/12

+ sign -7.899 ± 0.000 χ^2/NDF : 146768.3/30

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 698090.6/31

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.306 ± 0.000 χ^2/NDF : 3284.0/13

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

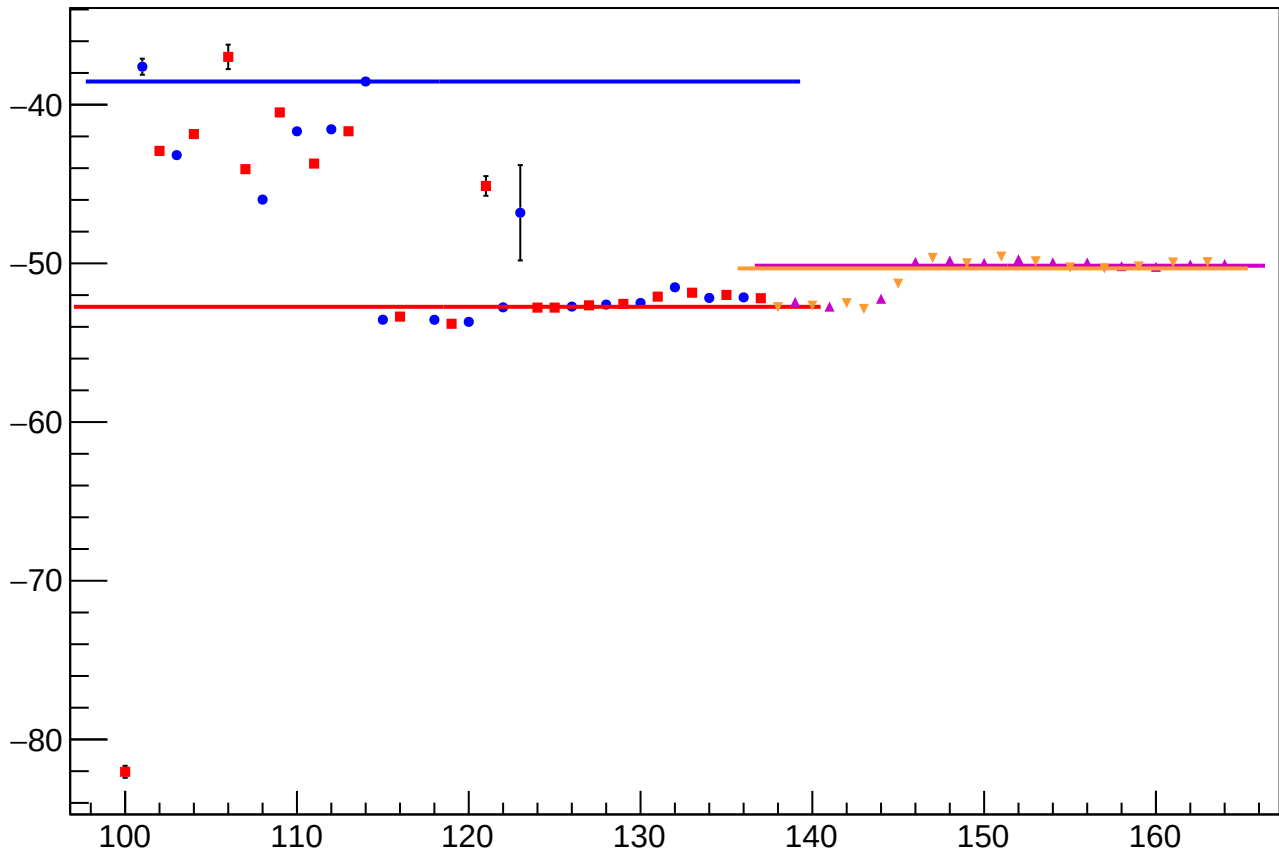
Left In: 0.309 ± 0.000 χ^2/NDF : 2458.8/12

+ sign 0.307 ± 0.000 χ^2/NDF : 6082.7/30

All: -0.107 ± 0.000 χ^2/NDF : 3955579.7/62

- sign -0.107 ± 0.000 χ^2/NDF : 2130644.4/31

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 14950854.6/16

Left Out: -50.317 ± 0.002 χ^2/NDF : 250905.2/13

Right Out: -52.737 ± 0.002 χ^2/NDF : 87430.2/18

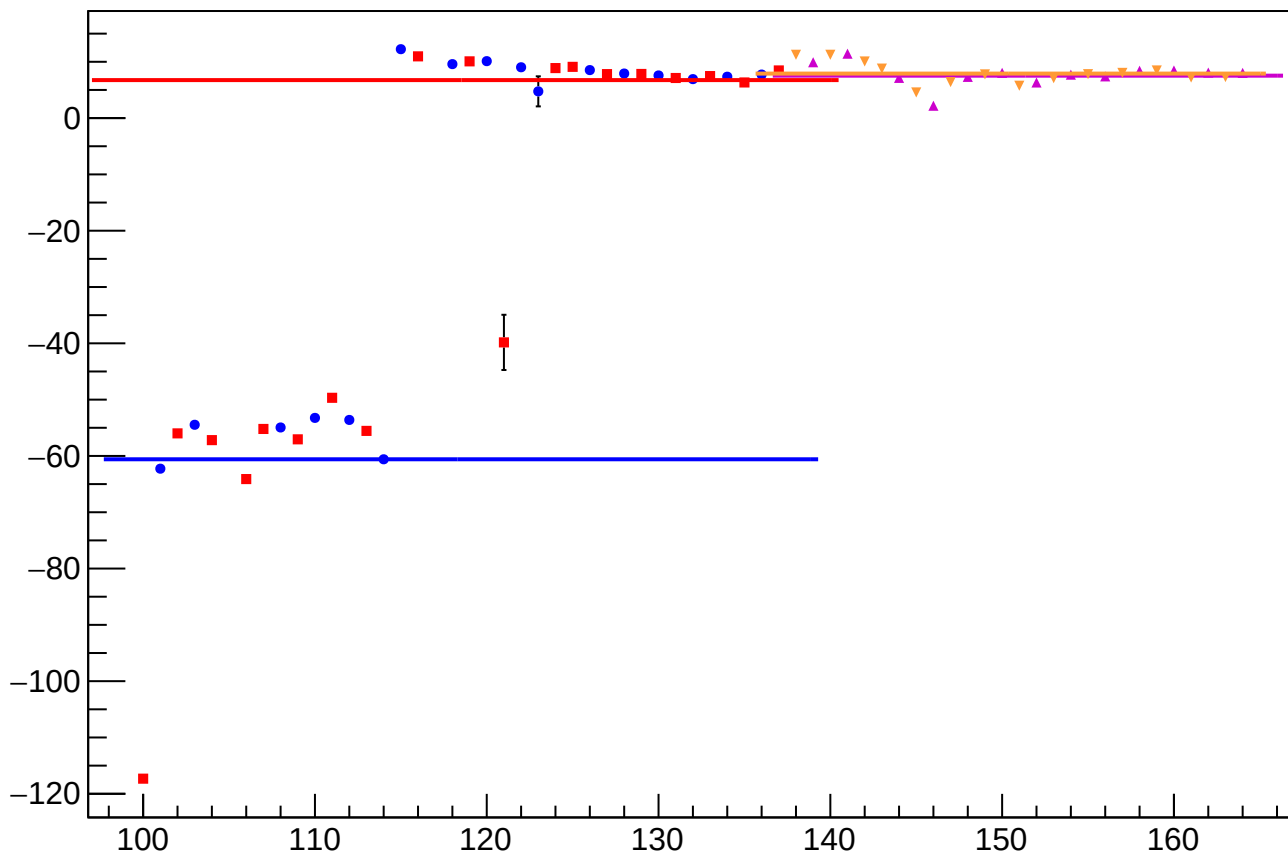
Left In: -50.147 ± 0.002 χ^2/NDF : 154307.3/12

+ sign -38.539 ± 0.000 χ^2/NDF : 54443273.1/30

All: -38.539 ± 0.000 χ^2/NDF : 168705883.5/6

- sign -51.185 ± 0.001 χ^2/NDF : 1379266.1/31

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26122838.1/16

Left Out: 7.904 ± 0.005 χ^2/NDF : 75374.1/13

Right Out: 6.748 ± 0.011 χ^2/NDF : 1266598.3/18

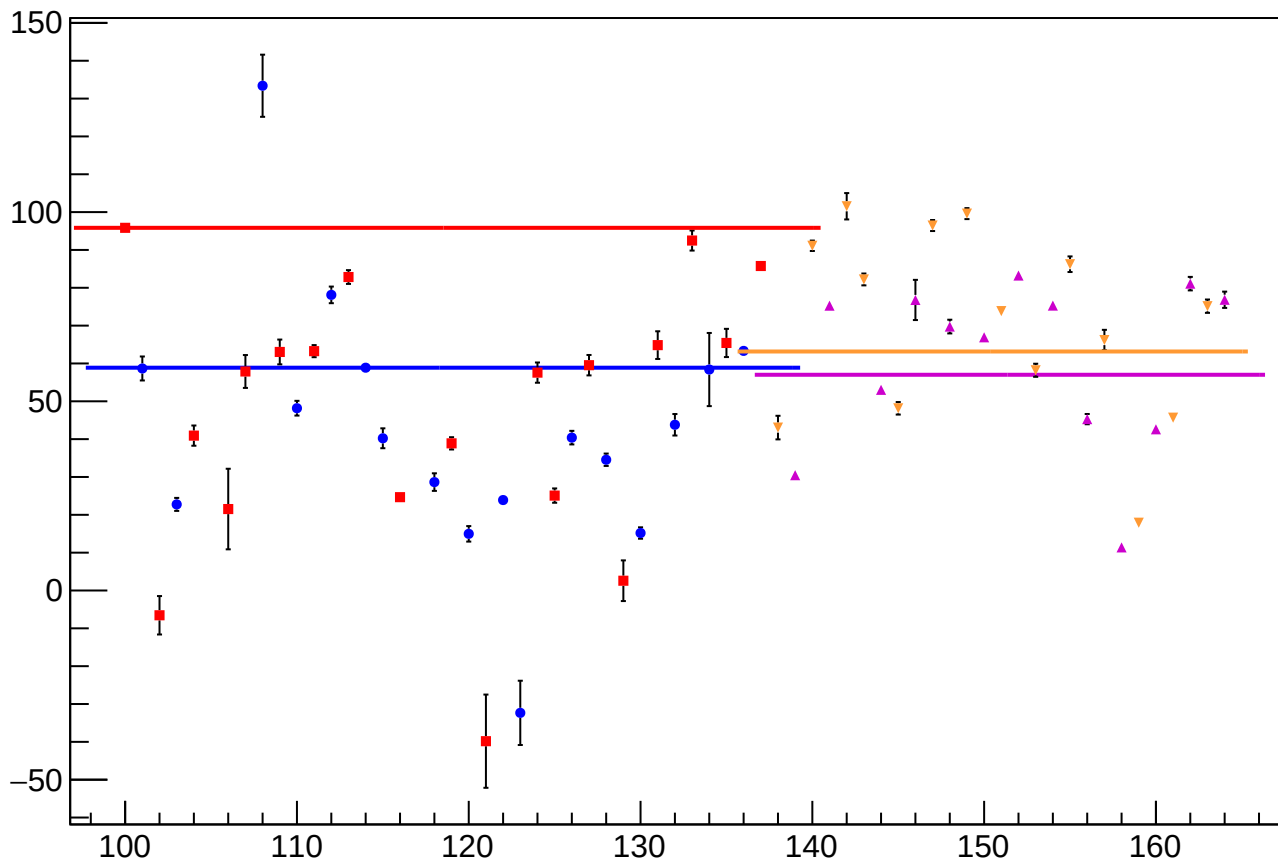
Left In: 7.536 ± 0.004 χ^2/NDF : 114834.0/12

+ sign -60.594 ± 0.000 χ^2/NDF : 252553170.5/30

All: -60.594 ± 0.000 χ^2/NDF : 631883875.6/6

- sign 7.456 ± 0.004 χ^2/NDF : 1386029.0/31

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF : 3814.7/16

Left Out: 63.163+/-0.411 χ^2/NDF : 4913.7/13

Right Out: 95.846+/-0.000 χ^2/NDF : 39385.0/18

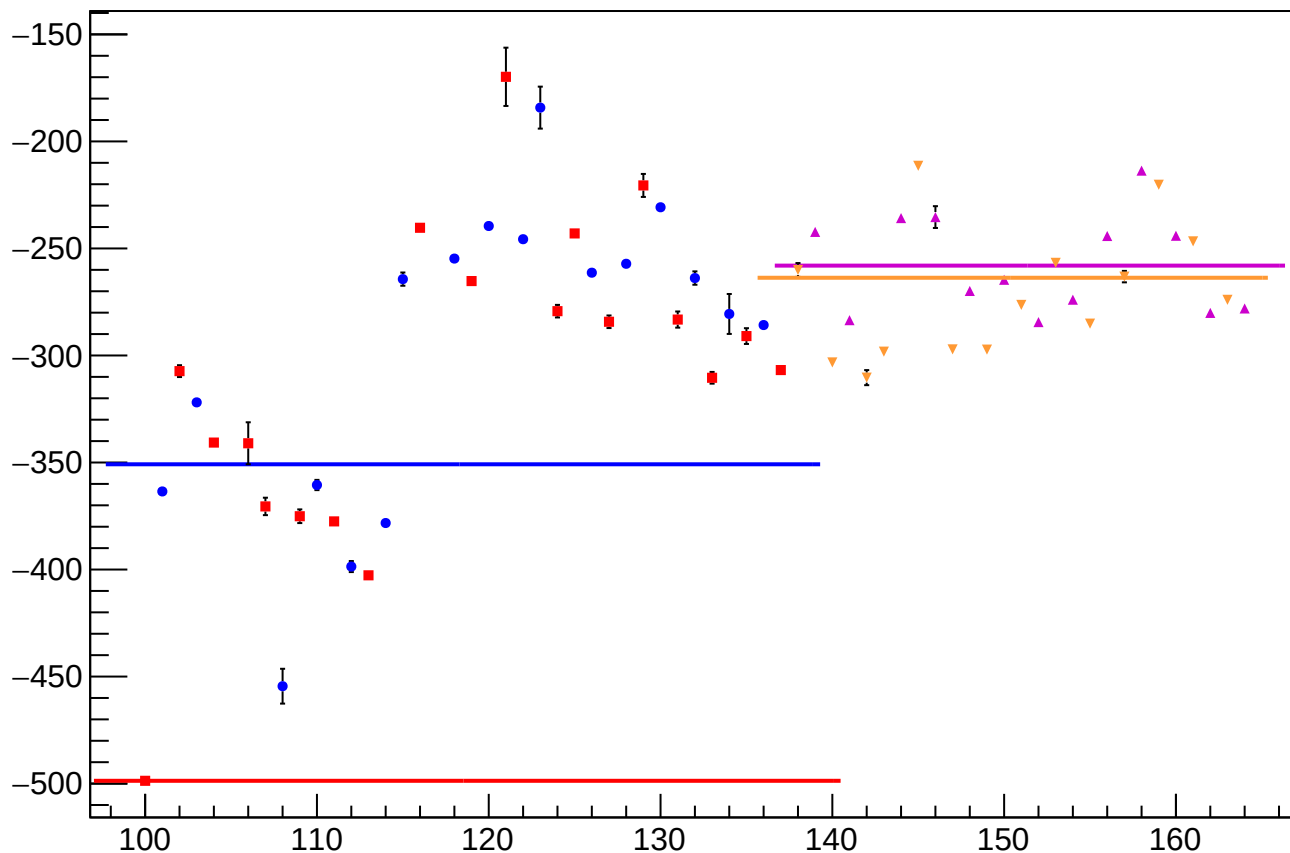
Left In: 57.011+/-0.317 χ^2/NDF : 4855.7/12

+ sign 58.880+/-0.000 χ^2/NDF : 8836.8/30

All: 60.098+/-0.000 χ^2/NDF : 981523394566

- sign 95.846+/-0.000 χ^2/NDF : 59245.8/31

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Left Out: -263.694 ± 0.406 χ^2/NDF : 6506.2/13

Right Out: -498.692 ± 0.000 χ^2/NDF : 511870.8/18

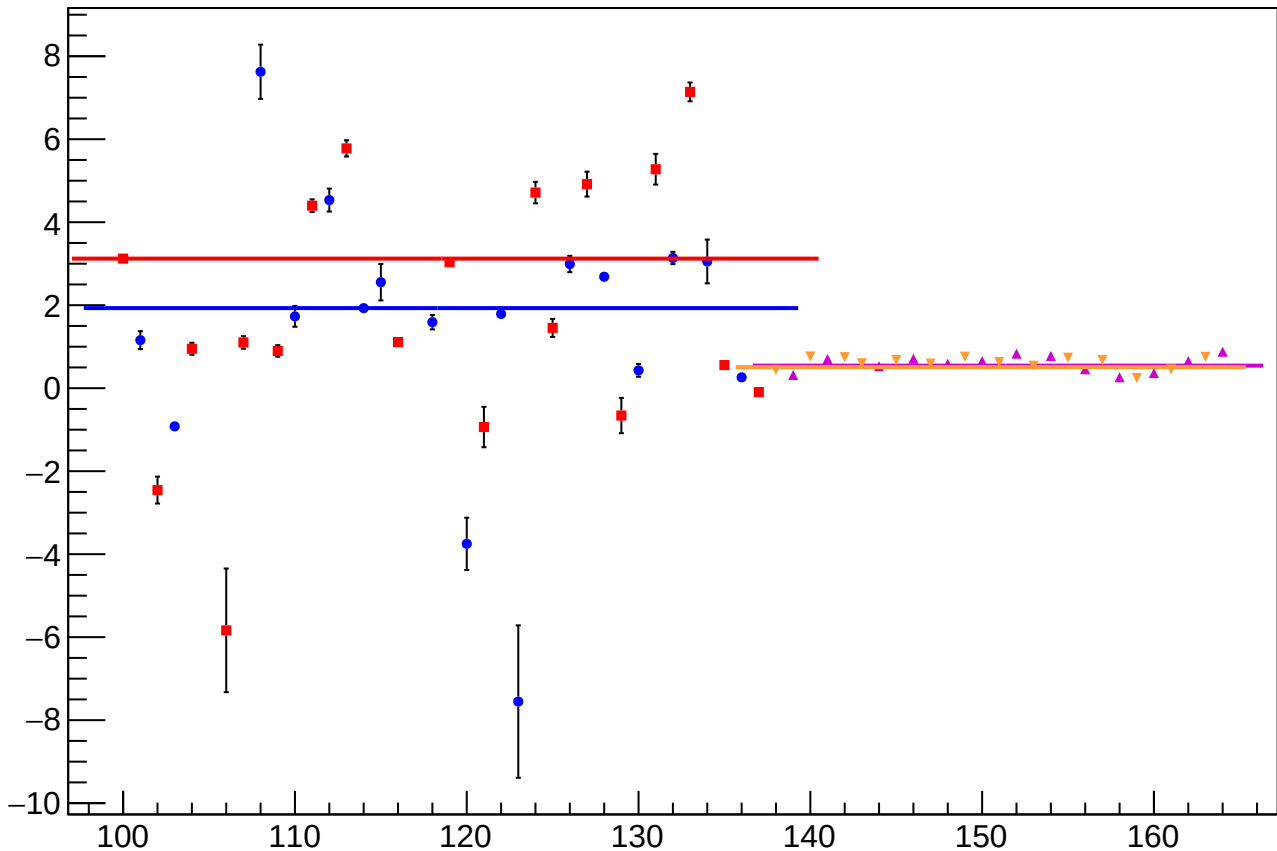
Left In: -258.021 ± 0.321 χ^2/NDF : 4422.9/12

+ sign -327.656 ± 0.210 χ^2/NDF : 81582.1/30

All: -498.692 ± 0.000 χ^2/NDF : 1827584.7/62

- sign -498.692 ± 0.000 χ^2/NDF : 1079518.8/31

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 59970.9/16

Left Out: 0.507 $\pm$ 0.002 χ^2 /NDF: 7724.8/13

Right Out: 3.123 $\pm$ 0.000 χ^2 /NDF: 512565.5/18

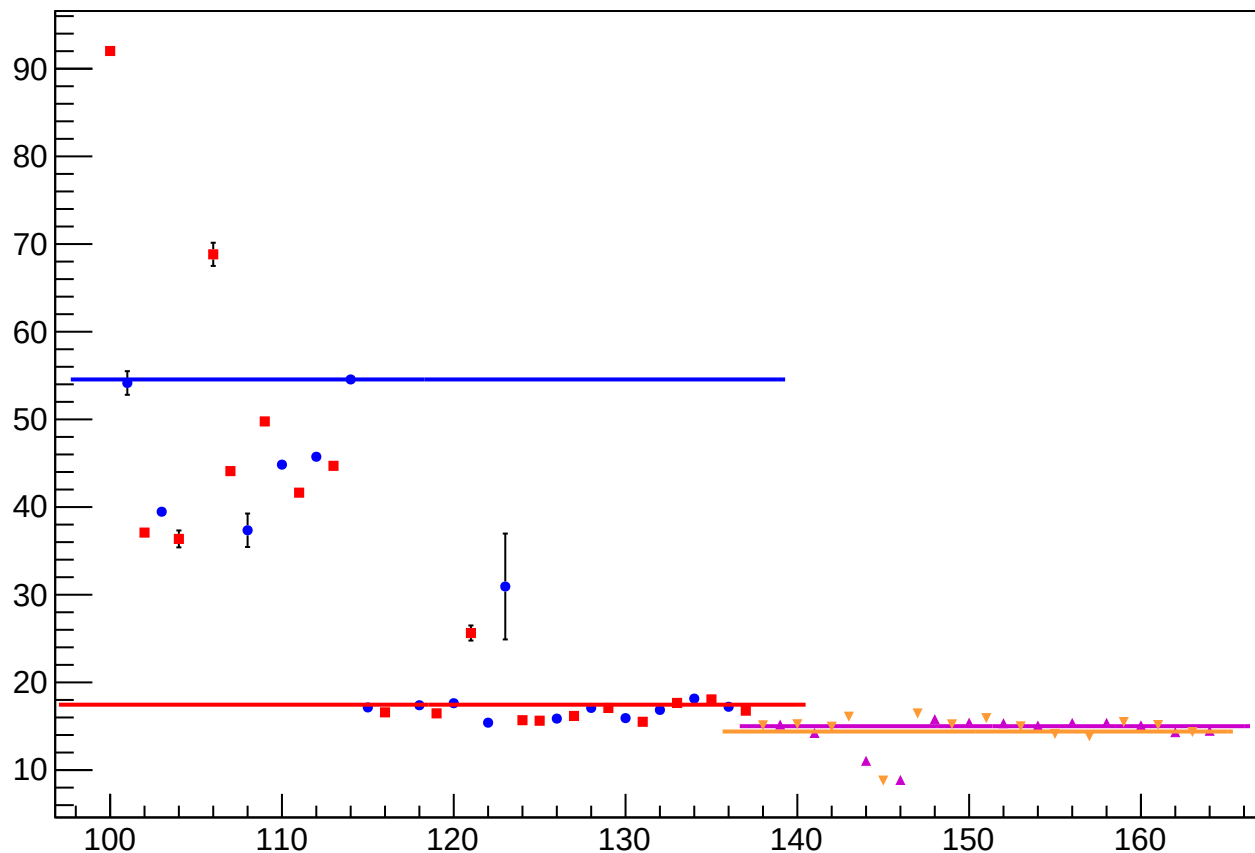
Left In: 0.543 $\pm$ 0.002 χ^2 /NDF: 12446.3/12

+ sign 1.930 $\pm$ 0.000 χ^2 /NDF: 427257.4/30

All: 2.073 $\pm$ 0.000 χ^2 /NDF: 3809953457808

- sign 3.123 $\pm$ 0.000 χ^2 /NDF: 2196833.8/31

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 14.398+/-0.008 χ^2/NDF : 82107.3/13

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

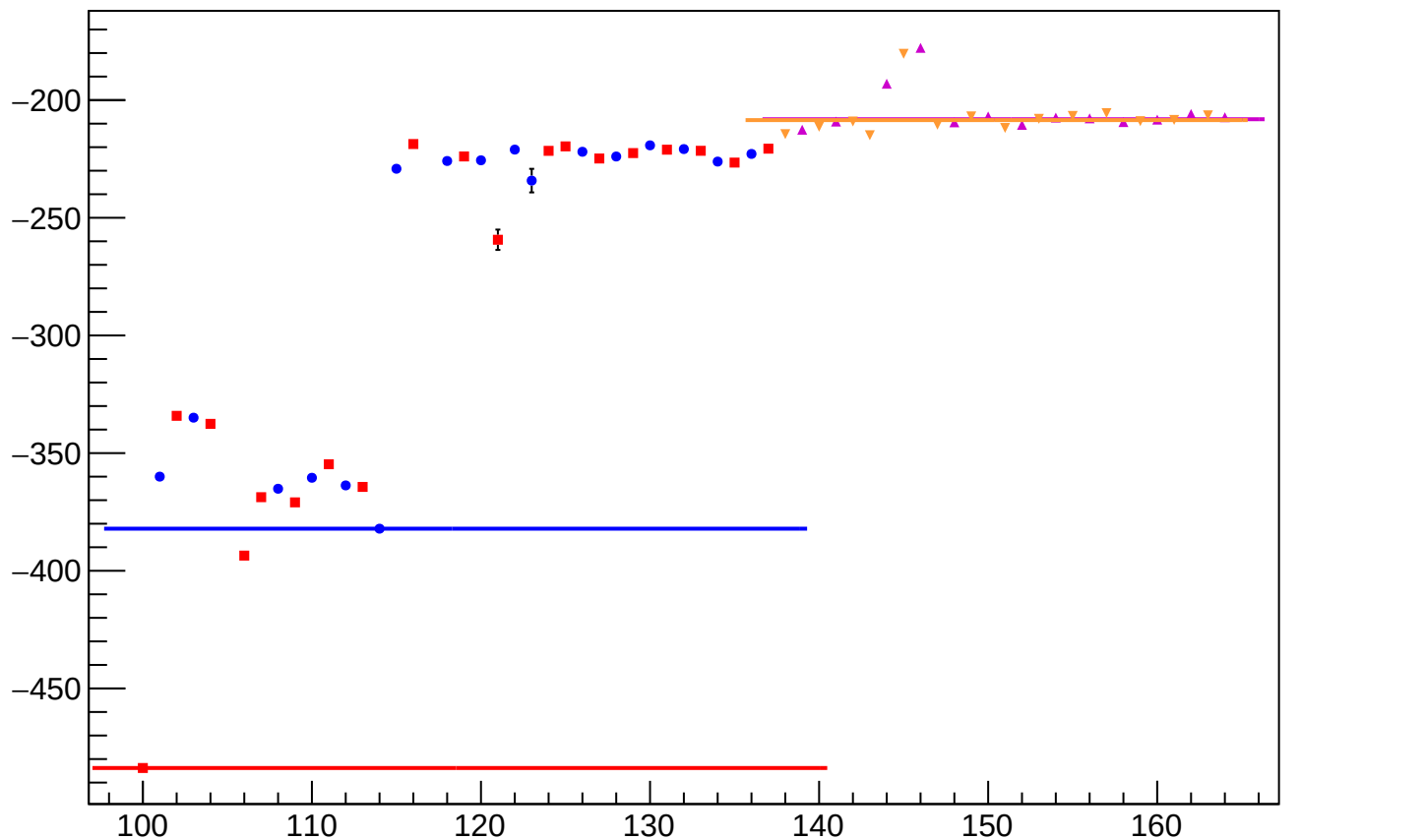
Left In: 15.006+/-0.008 χ^2/NDF : 8732.5/12

+ sign 54.556+/-0.000 χ^2/NDF : 31863460.0/30

All: 54.556+/-0.000 χ^2/NDF : 61763093.6/62

- sign 15.384+/-0.007 χ^2/NDF : 123257.5/31

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -208.501+/-0.018 χ^2/NDF : 60858.9/13

Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

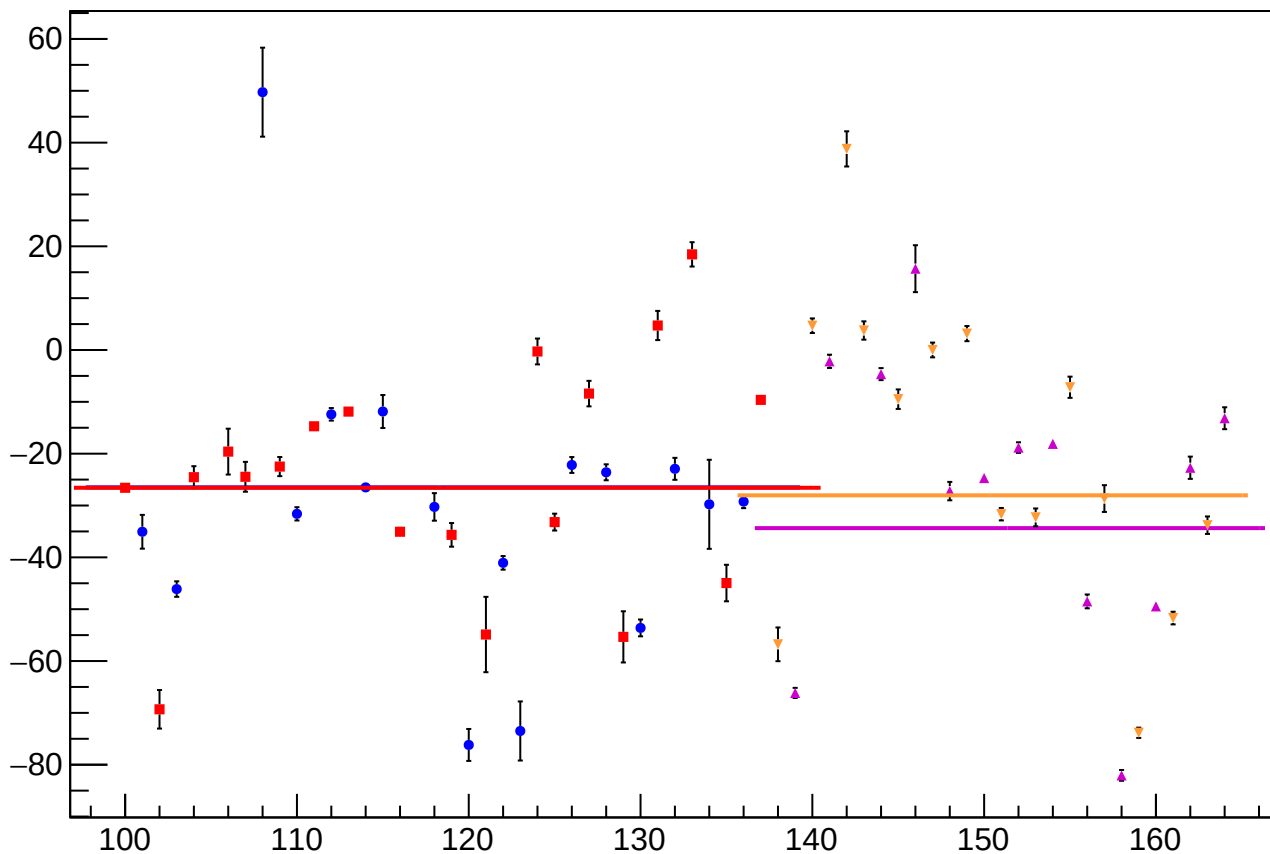
Left In: -208.127+/-0.017 χ^2/NDF : 15487.6/12

+ sign -382.108+/-0.000 χ^2/NDF : 109614262.3/30

All: -417.999+/-0.000 χ^2/NDF : 12425488813

- sign -483.800+/-0.000 χ^2/NDF : 282179733.8/31

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -28.035 ± 0.419 χ^2/NDF : 4904.4/13

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

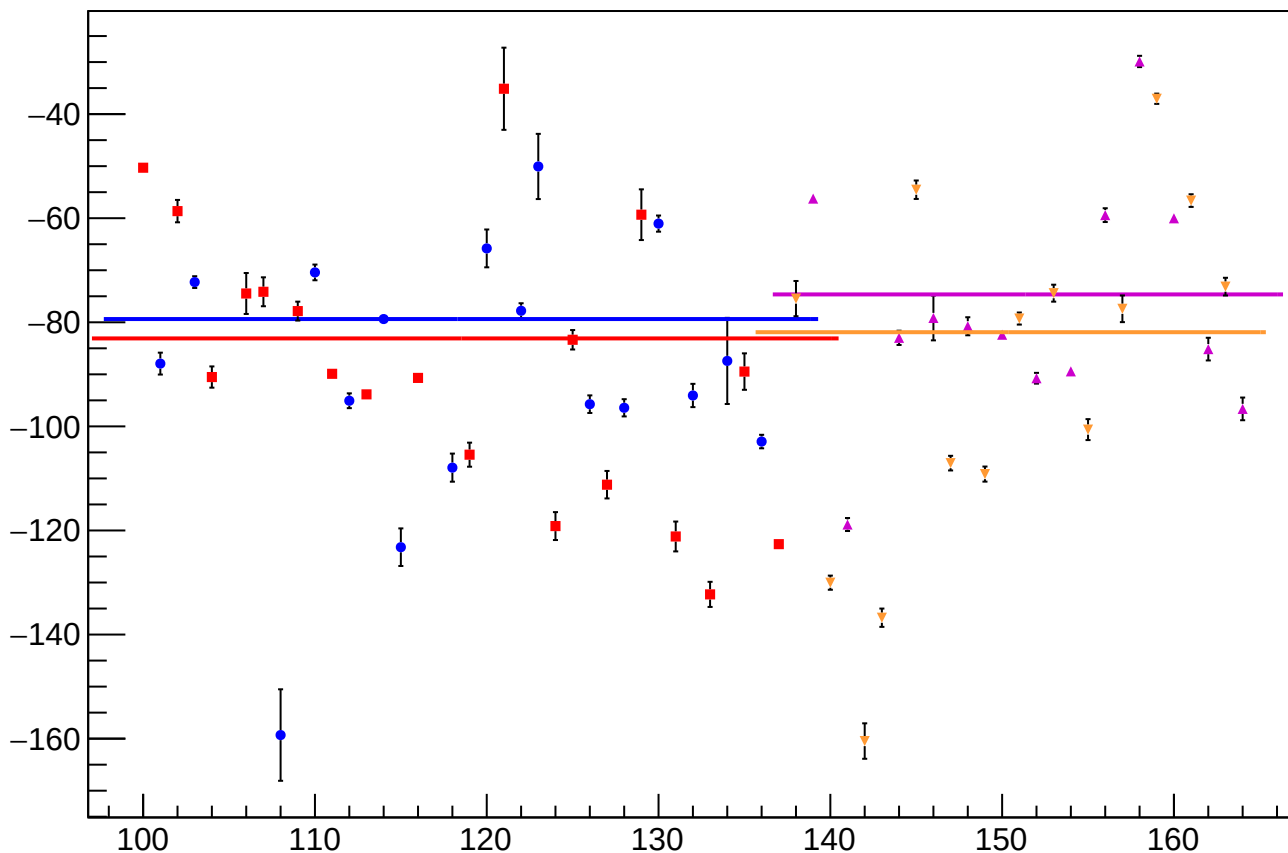
Left In: -34.362 ± 0.323 χ^2/NDF : 5751.8/12

+ sign -26.504 ± 0.000 χ^2/NDF : 6098.4/30

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 8972.4/31

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -81.902 ± 0.412 χ^2/NDF : 6312.5/13

Right Out: -83.099 ± 0.178 χ^2/NDF : 11915.8/18

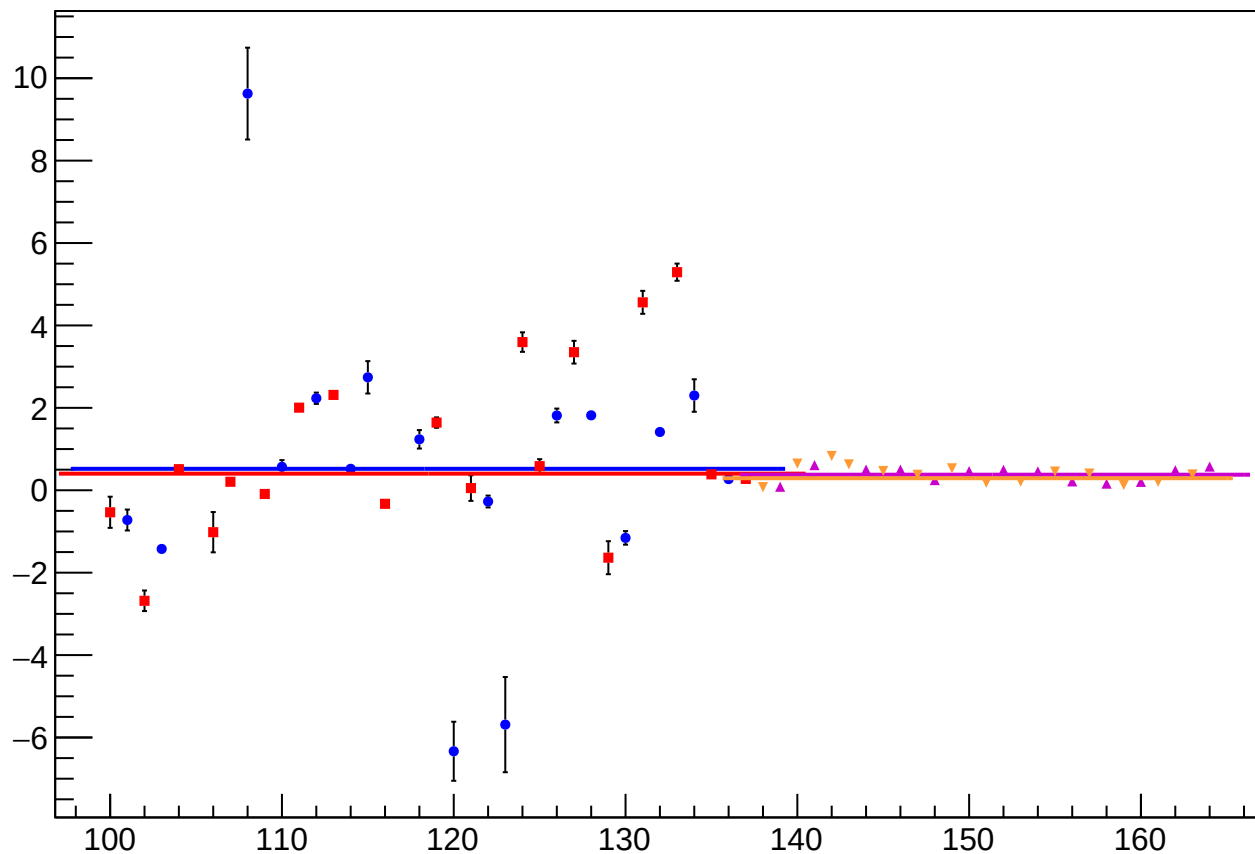
Left In: -74.643 ± 0.320 χ^2/NDF : 4543.1/12

+ sign -79.376 ± 0.000 χ^2/NDF : 7654.8/30

All: -79.376 ± 0.000 χ^2/NDF : 24768.7/62

- sign -81.100 ± 0.156 χ^2/NDF : 16991.4/31

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.292+/-0.002 χ^2/NDF : 5798.3/13

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

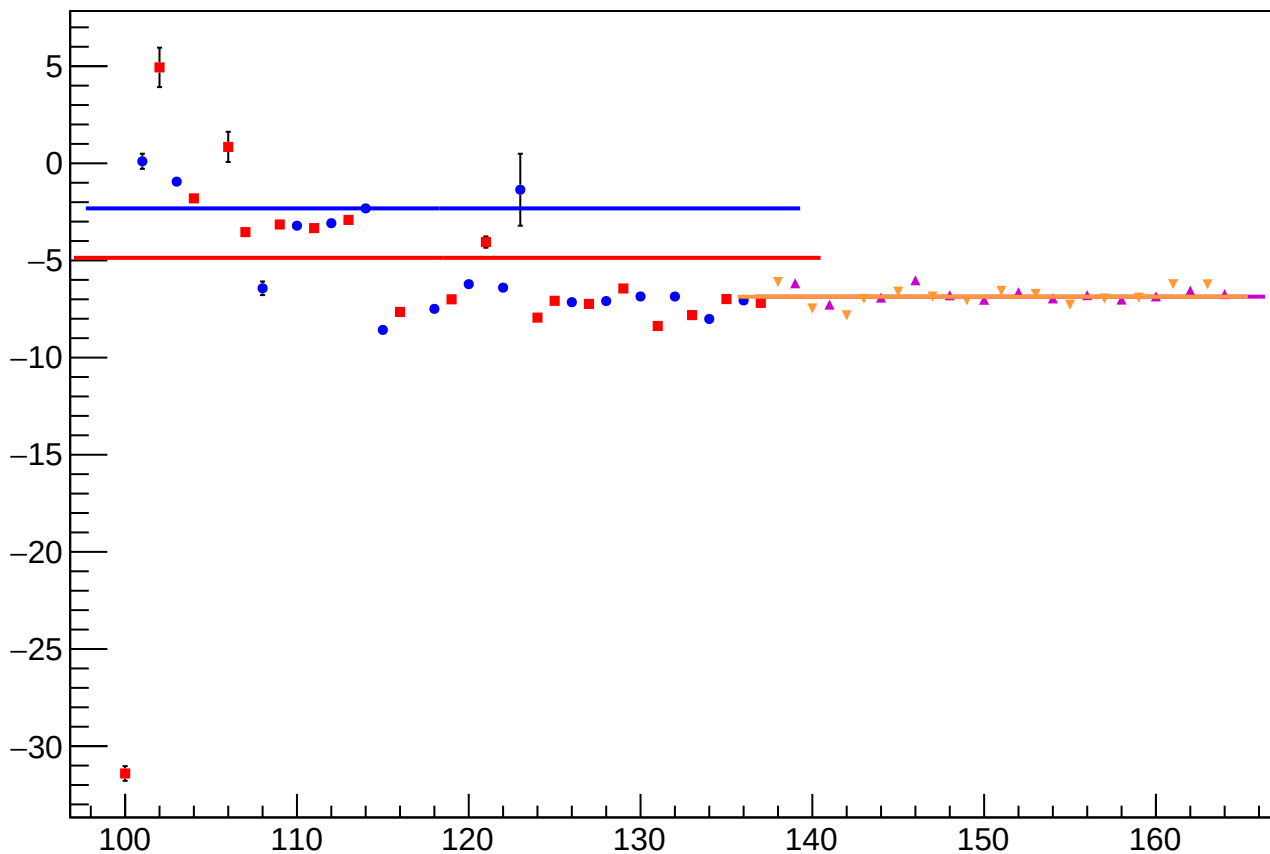
Left In: 0.378+/-0.002 χ^2/NDF : 8661.3/12

+ sign 0.521+/-0.000 χ^2/NDF : 17711.5/30

All: 0.521+/-0.000 χ^2/NDF : 34416.8/62

- sign 0.378+/-0.002 χ^2/NDF : 11394.2/31

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF : 270771.9/16

Left Out: -6.866+/-0.003 χ^2/NDF : 3934.5/13

Right Out: -4.864+/-0.010 χ^2/NDF : 49380.5/18

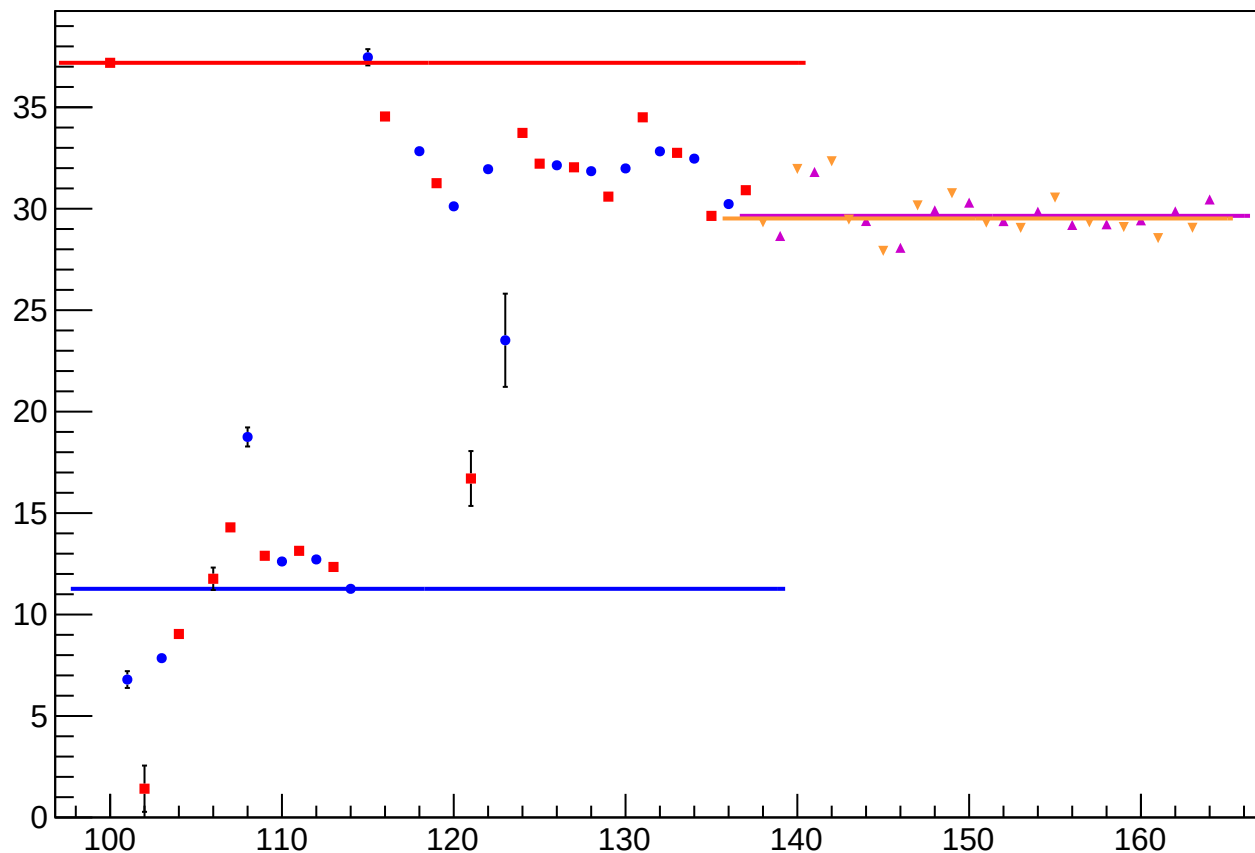
Left In: -6.862+/-0.003 χ^2/NDF : 5184.4/12

+ sign -2.320+/-0.000 χ^2/NDF : 2270218.9/30

All: -2.320+/-0.000 χ^2/NDF : 4691360.4/62

- sign -6.707+/-0.003 χ^2/NDF : 89237.2/31

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.519 $\pm$ 0.012 χ^2 /NDF:6452.6/13

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

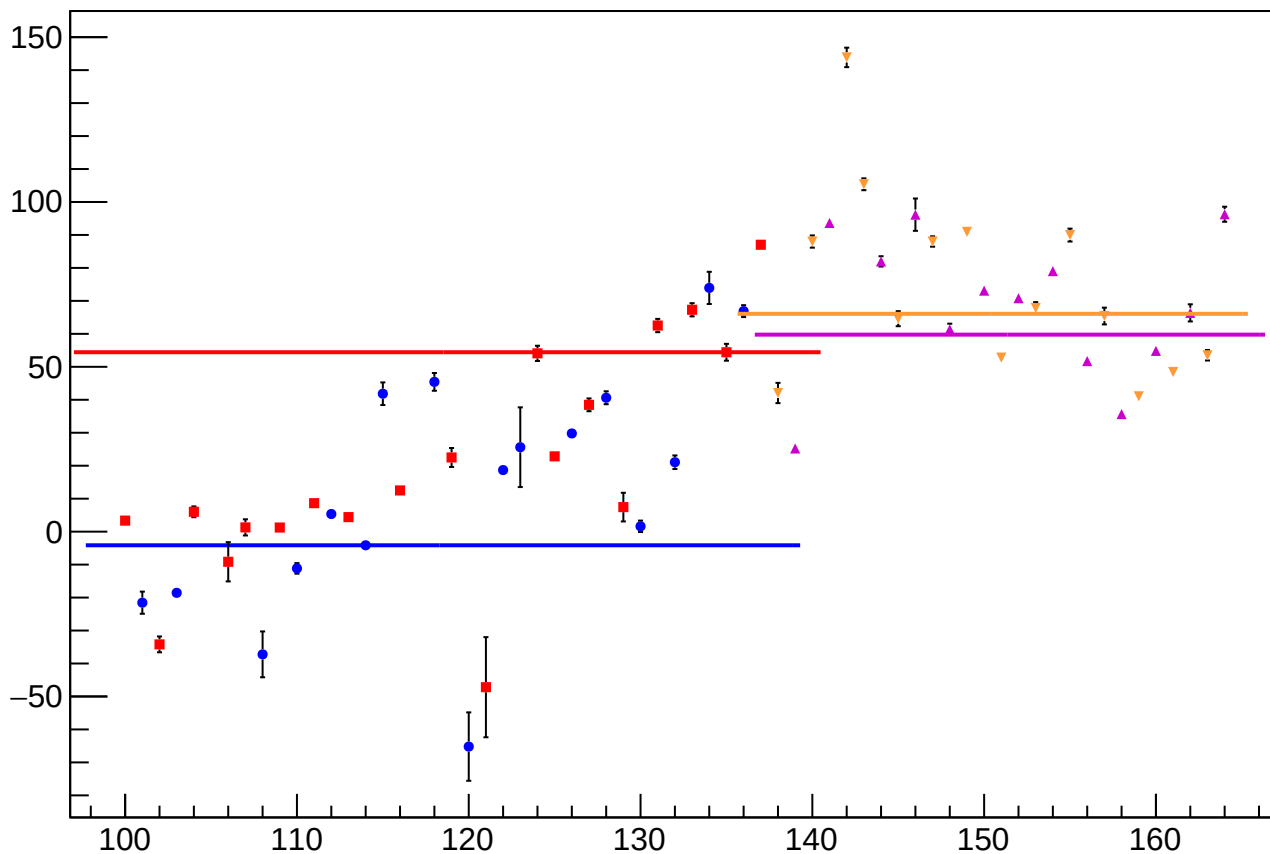
Left In: 29.650 $\pm$ 0.010 χ^2 /NDF:3221.8/12

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 3199843.0/30

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

- sign 37.191 $\pm$ 0.000 χ^2 /NDF: 1676485.8/31

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 66.076 ± 0.428 χ^2/NDF : 3055.6/13

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

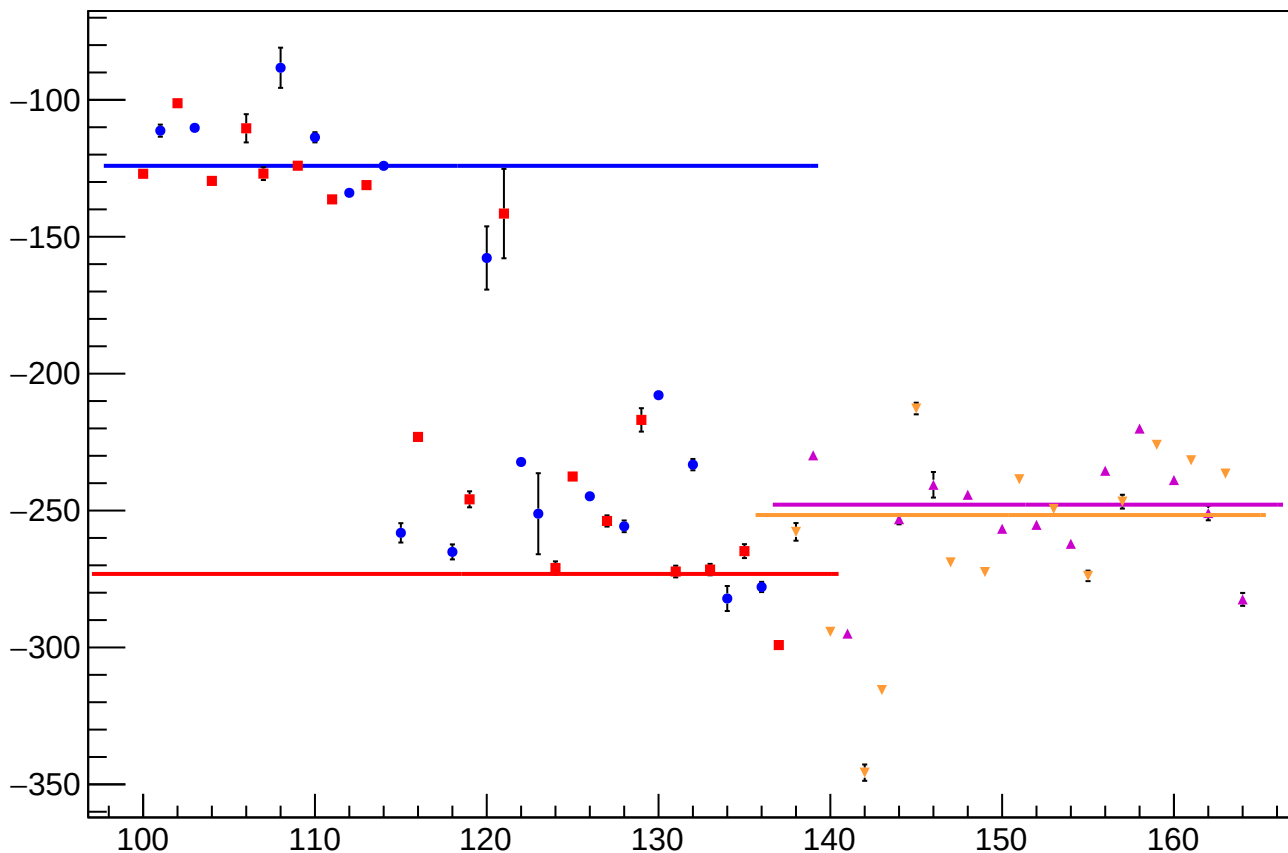
Left In: 59.760 ± 0.322 χ^2/NDF : 4686.2/12

+ sign -4.139 ± 0.000 χ^2/NDF : 34609.0/30

All: -4.139 ± 0.000 χ^2/NDF : 251015.1/62

- sign 55.591 ± 0.151 χ^2/NDF : 58899.2/31

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF : 38152.5/16

Left Out: -251.627+/-0.422 χ^2/NDF : 4791.8/13

Right Out: -273.143+/-0.113 χ^2/NDF : 280141.9/18

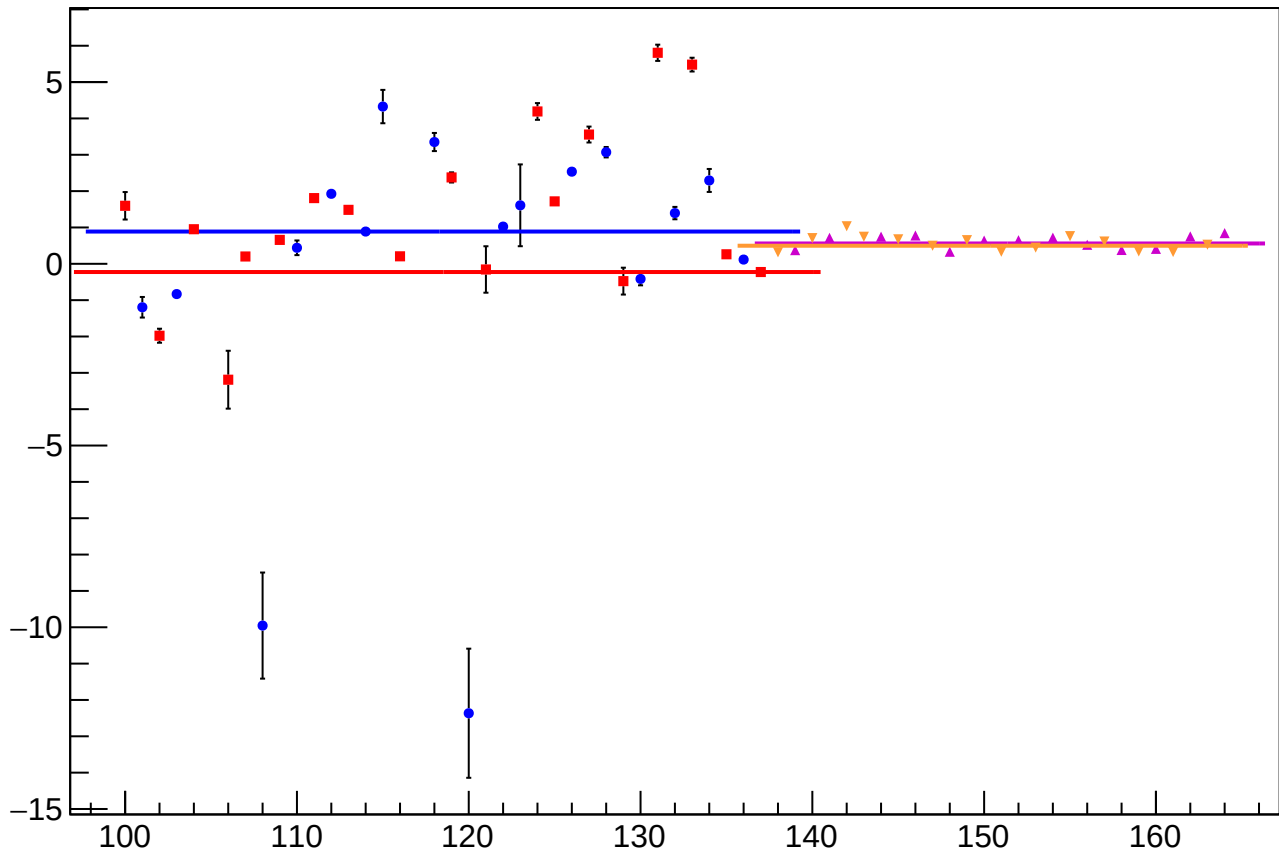
Left In: -247.851+/-0.317 χ^2/NDF : 3440.5/12

+ sign -124.095+/-0.000 χ^2/NDF : 134328.1/30

All: -124.095+/-0.000 χ^2/NDF : 2319070.7/62

- sign -270.300+/-0.106 χ^2/NDF : 289242.5/31

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF : 8672.0/16

Left Out: 0.498+/-0.003 χ^2/NDF : 3557.3/13

Right Out: -0.226+/-0.000 χ^2/NDF : 5031.1/18

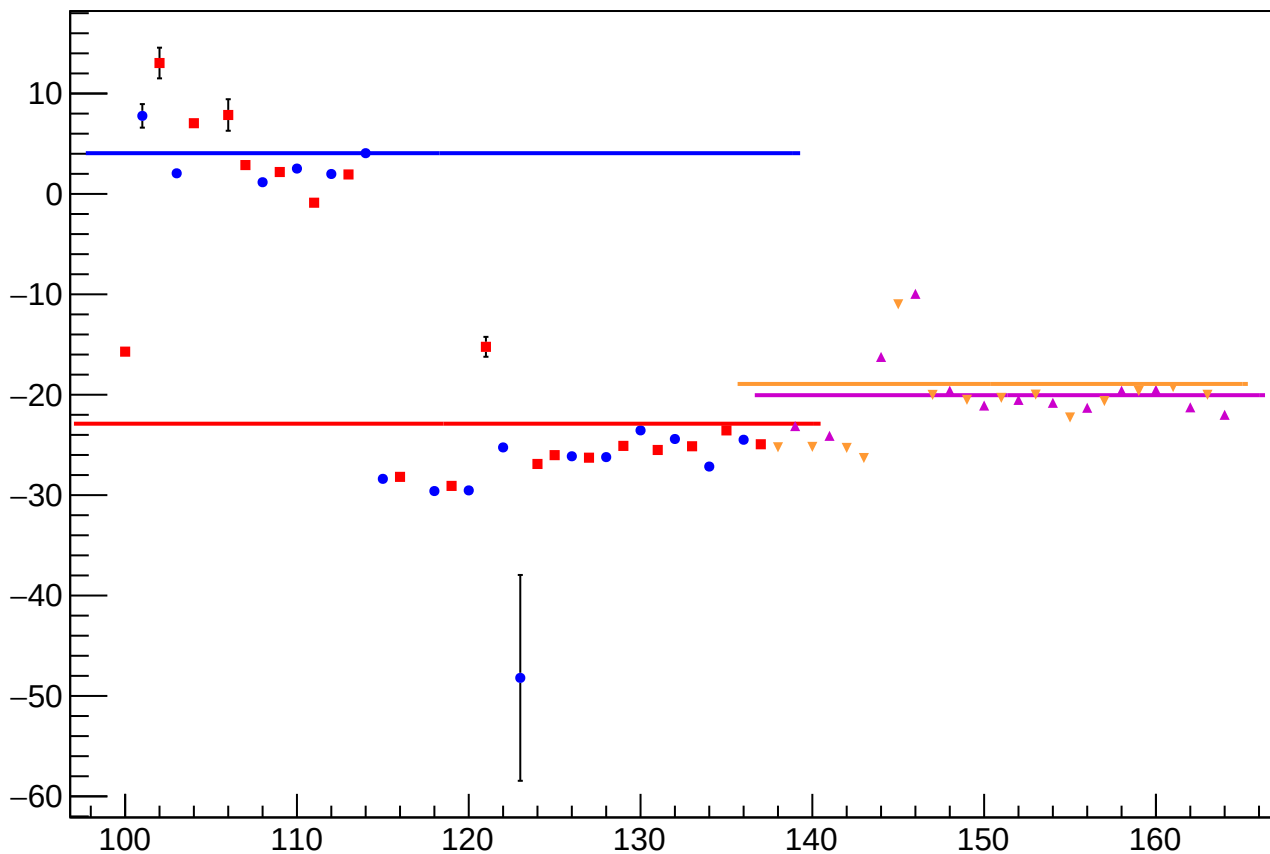
Left In: 0.560+/-0.002 χ^2/NDF : 3949.4/12

+ sign 0.888+/-0.000 χ^2/NDF : 29486.5/30

All: 0.888+/-0.000 χ^2/NDF : 422262695.0/62

- sign -0.226+/-0.000 χ^2/NDF : 108733.4/31

dit_sam4_4aY_slope vs Slug



Right In: 4.057 ± 0.000 χ^2/NDF : 1247888.2/16

Left Out: -18.925 ± 0.014 χ^2/NDF : 78282.5/13

Right Out: -22.885 ± 0.026 χ^2/NDF : 116508.9/18

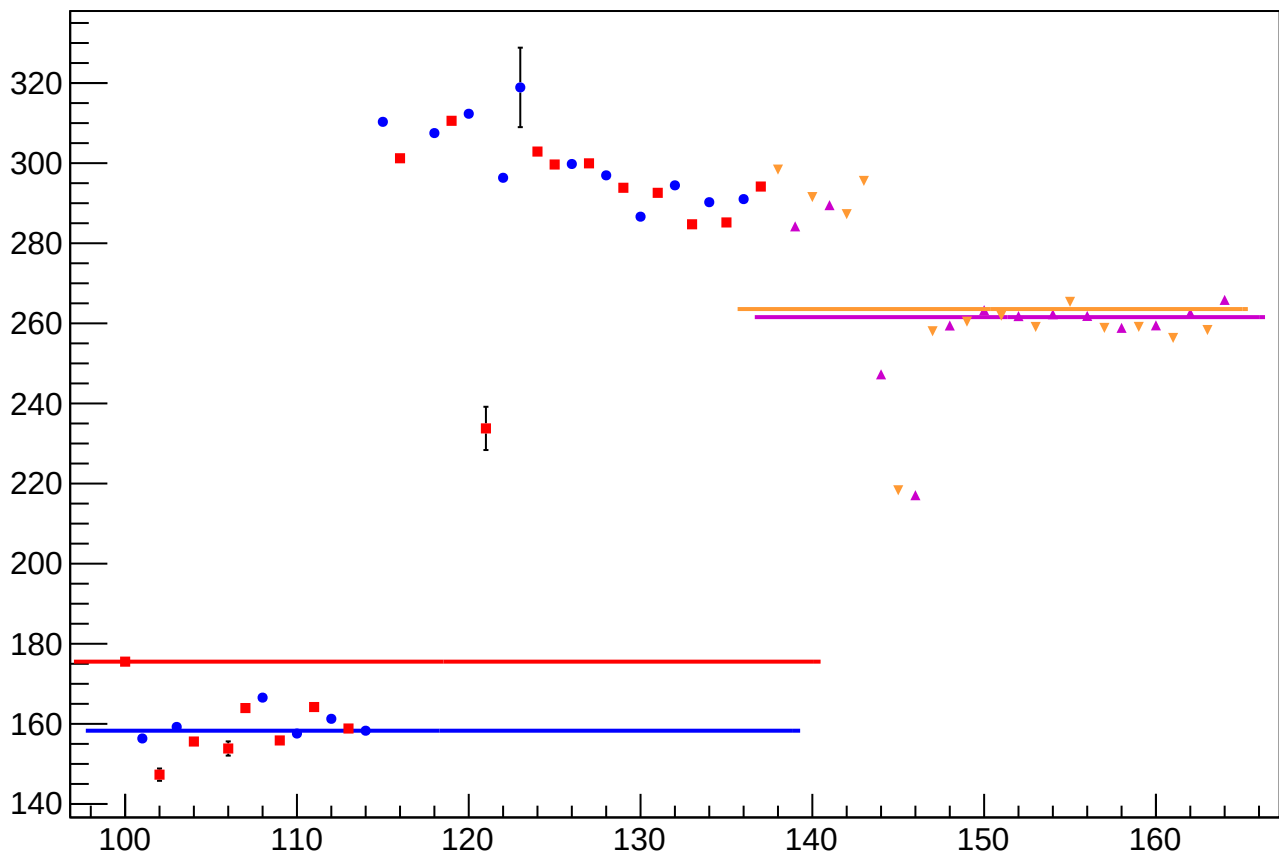
Left In: -20.045 ± 0.012 χ^2/NDF : 20730.1/12

+ sign 4.057 ± 0.000 χ^2/NDF : 4147893.9/30

All: 4.057 ± 0.000 χ^2/NDF : 9498775.6/62

- sign -20.521 ± 0.011 χ^2/NDF : 146929.0/31

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 263.572+/-0.037 χ^2/NDF : 189732.4/13

Right Out: 175.536+/-0.000 χ^2/NDF : 2100196.2/18

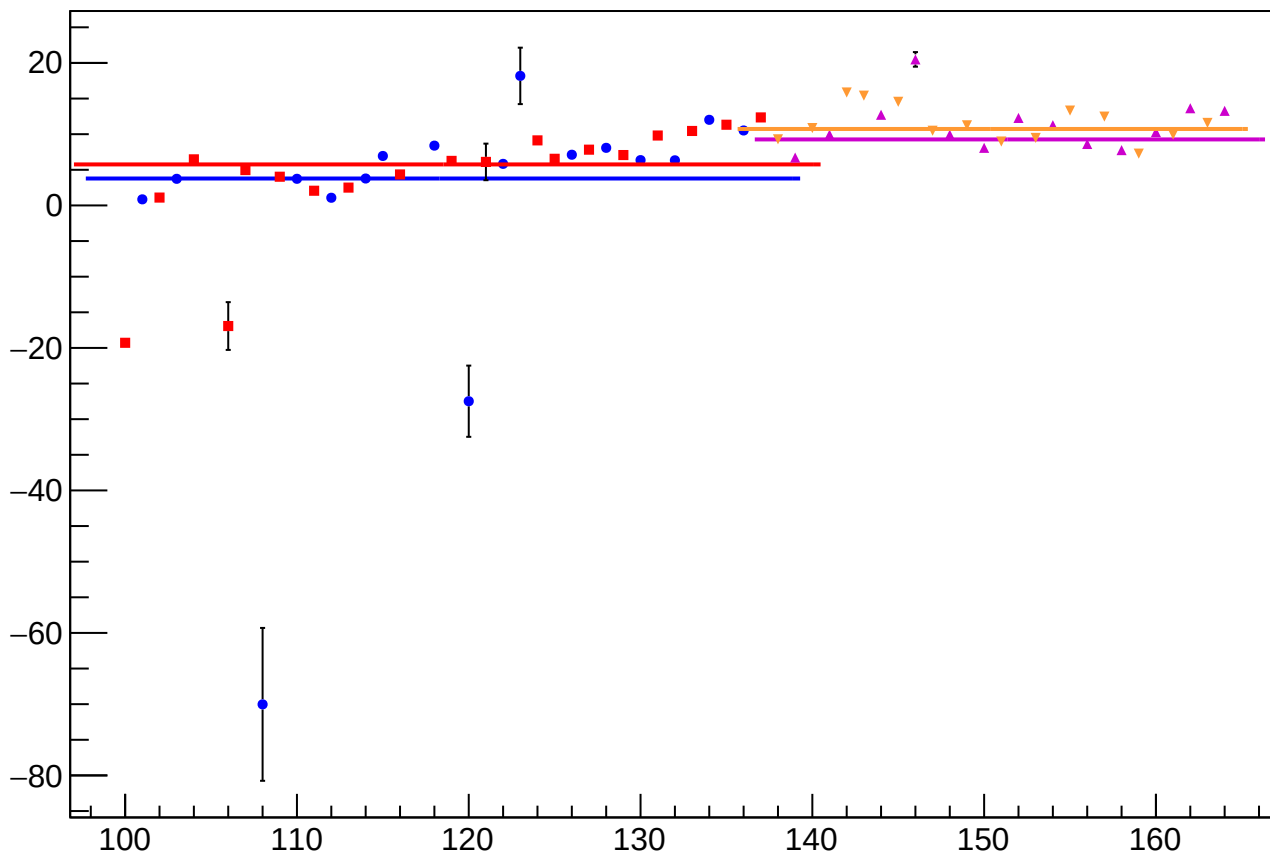
Left In: 261.556+/-0.033 χ^2/NDF : 38586.8/12

+ sign 158.293+/-0.000 χ^2/NDF : 10495231.0/30

All: 172.618+/-0.000 χ^2/NDF : 373727491225

- sign 175.536+/-0.000 χ^2/NDF : 8908584.7/31

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.731 ± 0.036 χ^2/NDF : 2131.7/13

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

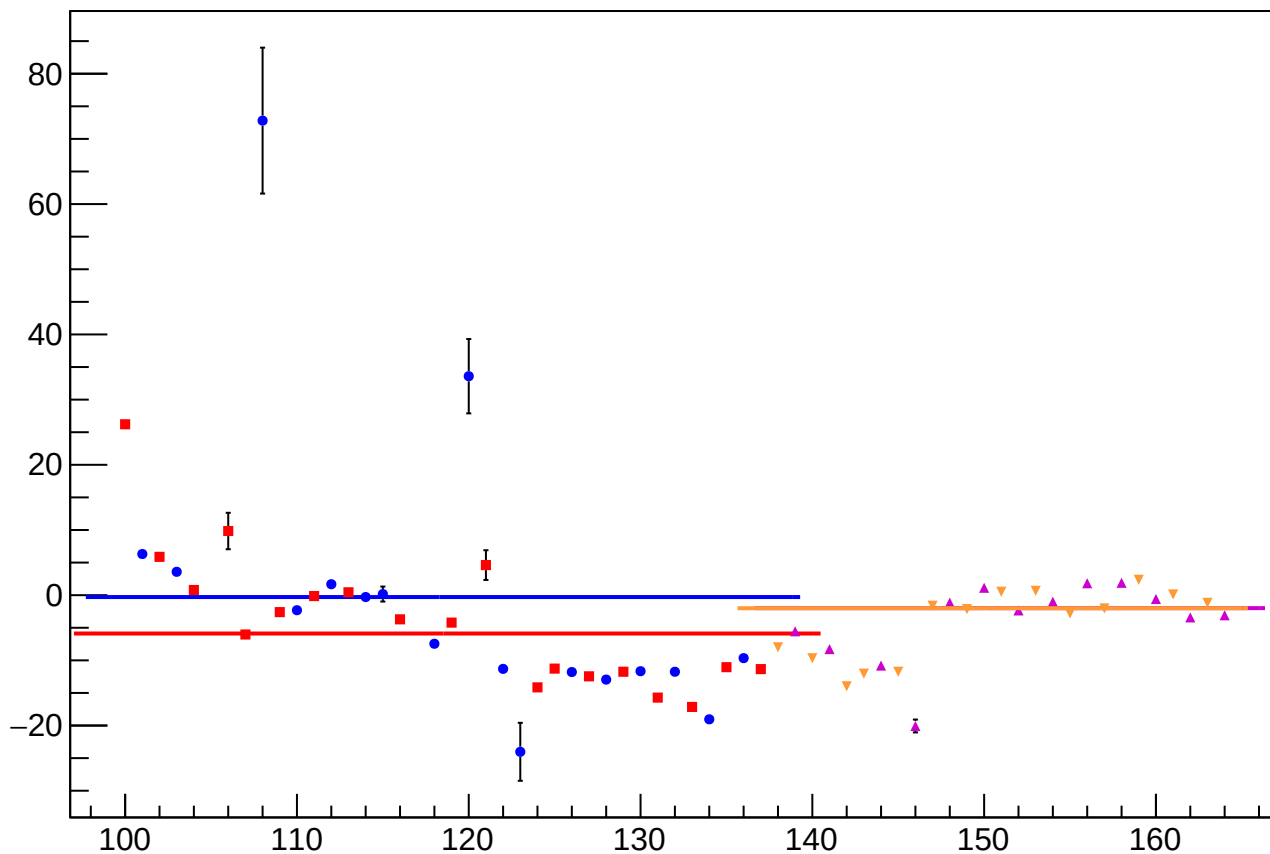
Left In: 9.264 ± 0.034 χ^2/NDF : 3026.9/12

+ sign 3.778 ± 0.000 χ^2/NDF : 45997.8/30

All: 3.778 ± 0.000 χ^2/NDF : 102544.7/62

- sign 7.013 ± 0.021 χ^2/NDF : 31966.3/31

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -2.003 ± 0.036 χ^2/NDF : 8936.2/13

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

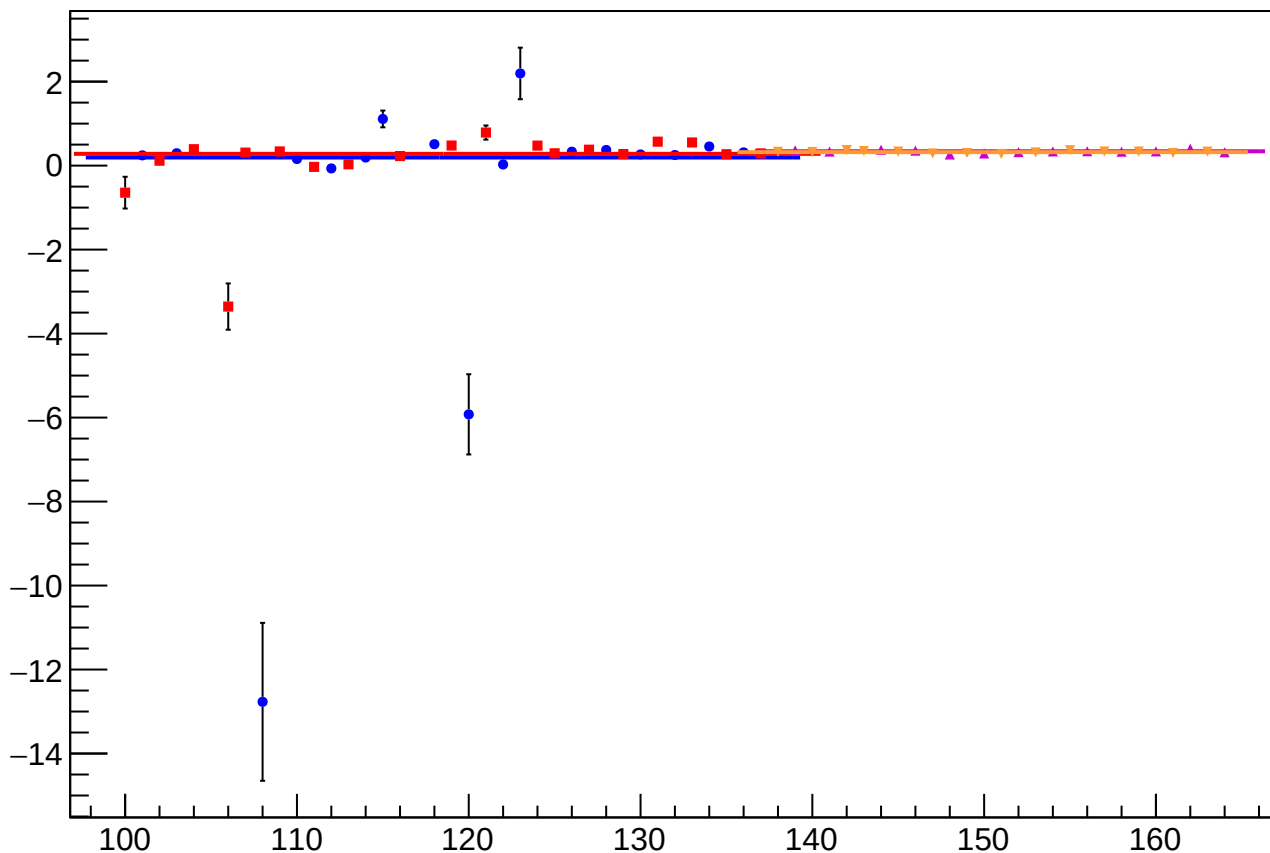
Left In: -1.989 ± 0.035 χ^2/NDF : 11697.7/12

+ sign -0.287 ± 0.000 χ^2/NDF : 55505.3/30

All: -0.287 ± 0.000 χ^2/NDF : 175396.2/62

- sign -4.399 ± 0.021 χ^2/NDF : 82990.3/31

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF : 10027.5/16

Left Out: 0.321+/-0.001 χ^2/NDF : 1291.7/13

Right Out: 0.280+/-0.001 χ^2/NDF : 6059.0/18

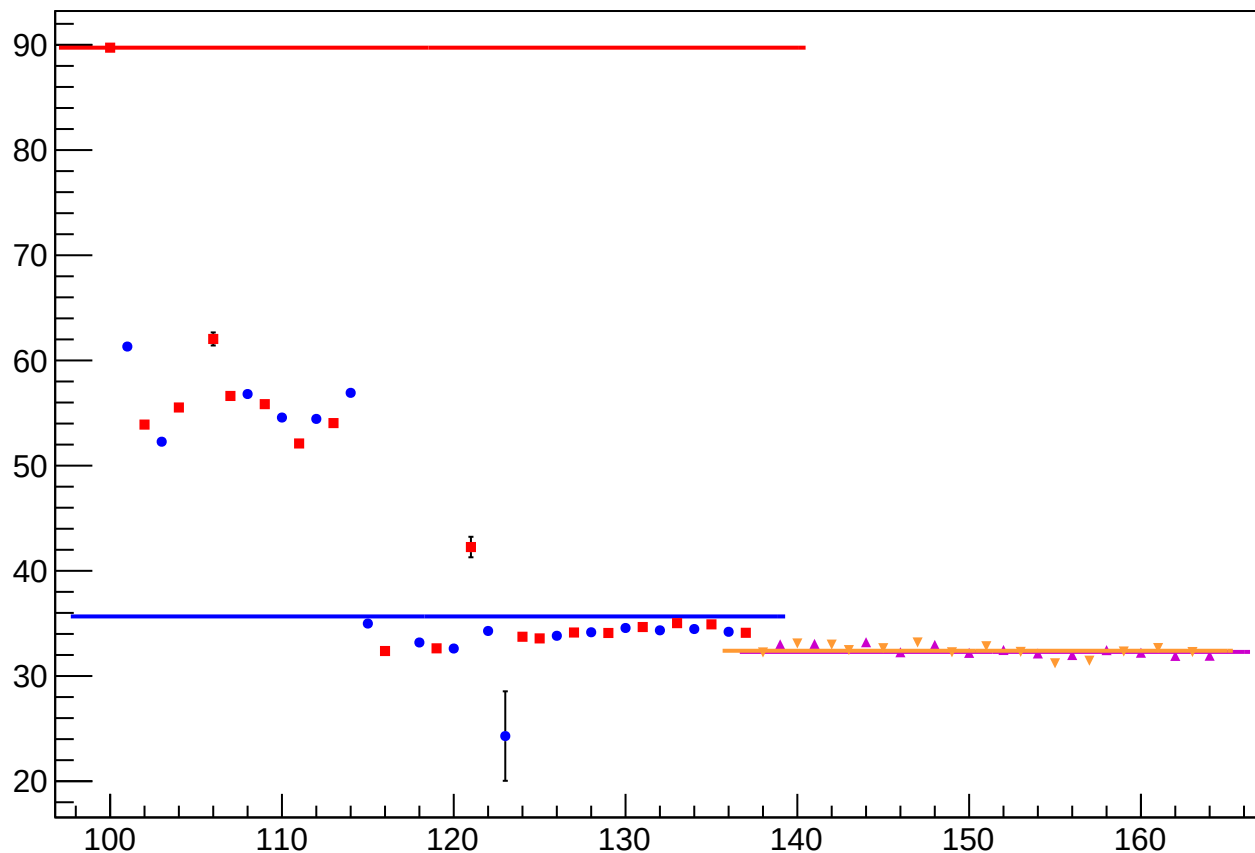
Left In: 0.341+/-0.001 χ^2/NDF : 2940.2/12

+ sign 0.193+/-0.000 χ^2/NDF : 51523.7/30

All: 0.193+/-0.000 χ^2/NDF : 115437.0/62

- sign 0.331+/-0.001 χ^2/NDF : 10421.0/31

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.402 $\pm$ 0.004 χ^2 /NDF: 3294.5/13

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

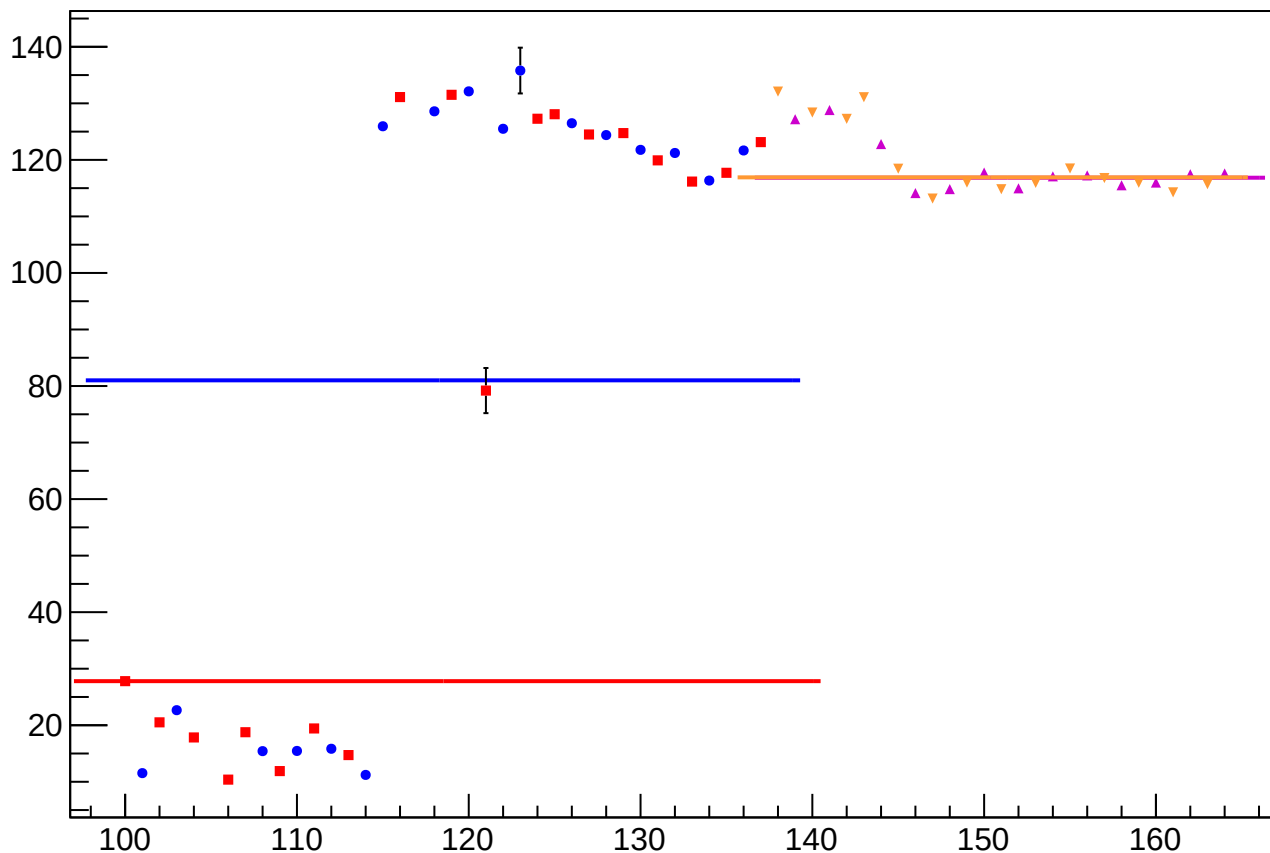
Left In: 32.292 $\pm$ 0.004 χ^2 /NDF: 5954.3/12

+ sign 32.821 $\pm$ 0.004 χ^2 /NDF: 293750.0/30

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 429716561.0/62

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 234288319.5/31

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2 /NDF: 2228881.4/16

Left Out: 116.909+/-0.010 χ^2 /NDF:138228.1/13

Right Out: 27.798+/-0.000 χ^2 /NDF: 9183707.8/18

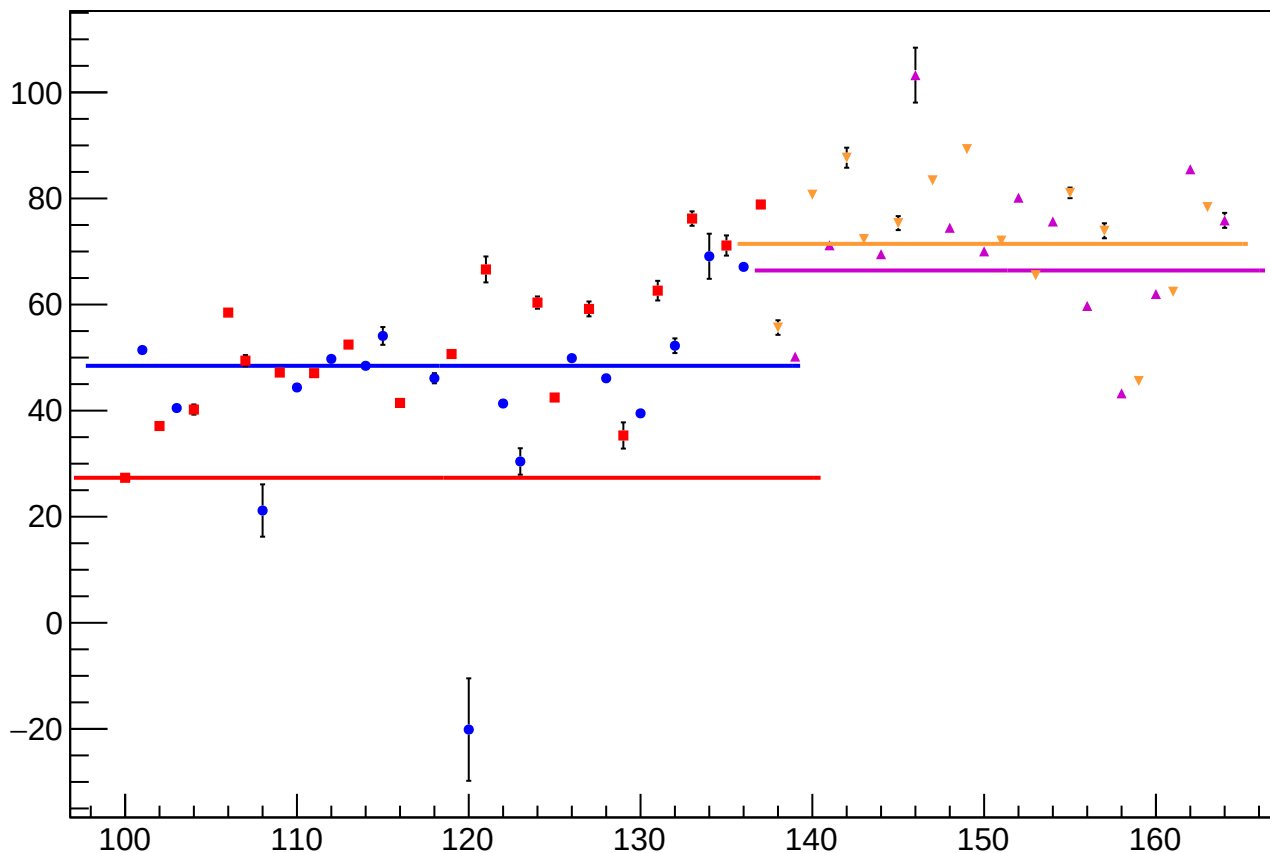
Left In: 116.845+/-0.010 χ^2 /NDF:40850.1/12

+ sign 114.151+/-0.010 χ^2 /NDF: 3365101.4/30

All: 27.798+/-0.000 χ^2 /NDF: 180938161.5/62

- sign 27.798+/-0.000 χ^2 /NDF: 96159936.9/31

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2 /NDF: 2751.4/16

Left Out: 71.439+/-0.215 χ^2 /NDF: 3900.7/13

Right Out: 27.342+/-0.000 χ^2 /NDF: 25810.4/18

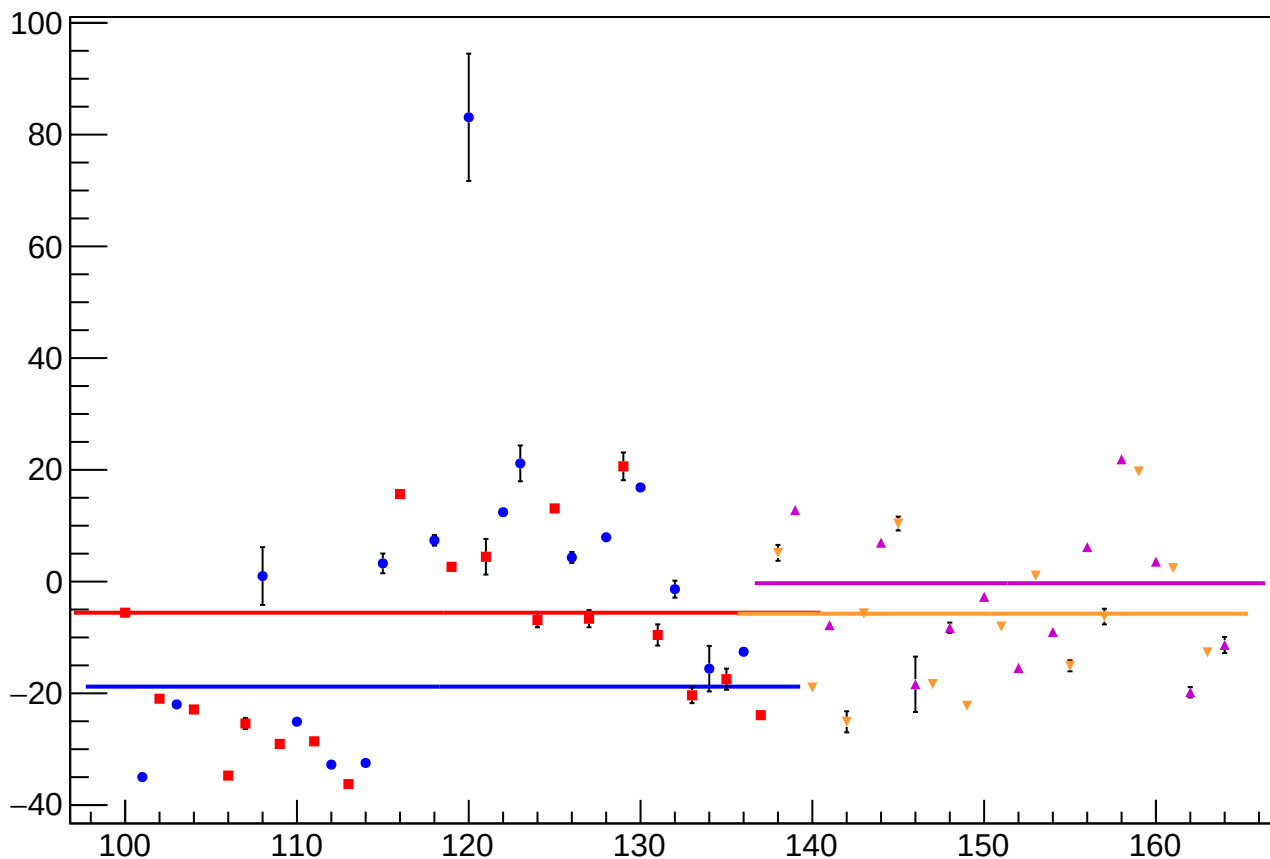
Left In: 66.424+/-0.176 χ^2 /NDF: 4284.9/12

+ sign 48.450+/-0.000 χ^2 /NDF: 18136.7/30

All: 28.365+/-0.000 χ^2 /NDF: 1026290104888

- sign 27.342+/-0.000 χ^2 /NDF: 79347.2/31

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: -5.745 ± 0.213 $\chi^2/\text{NDF}: 4133.9/13$

Right Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23097.3/18$

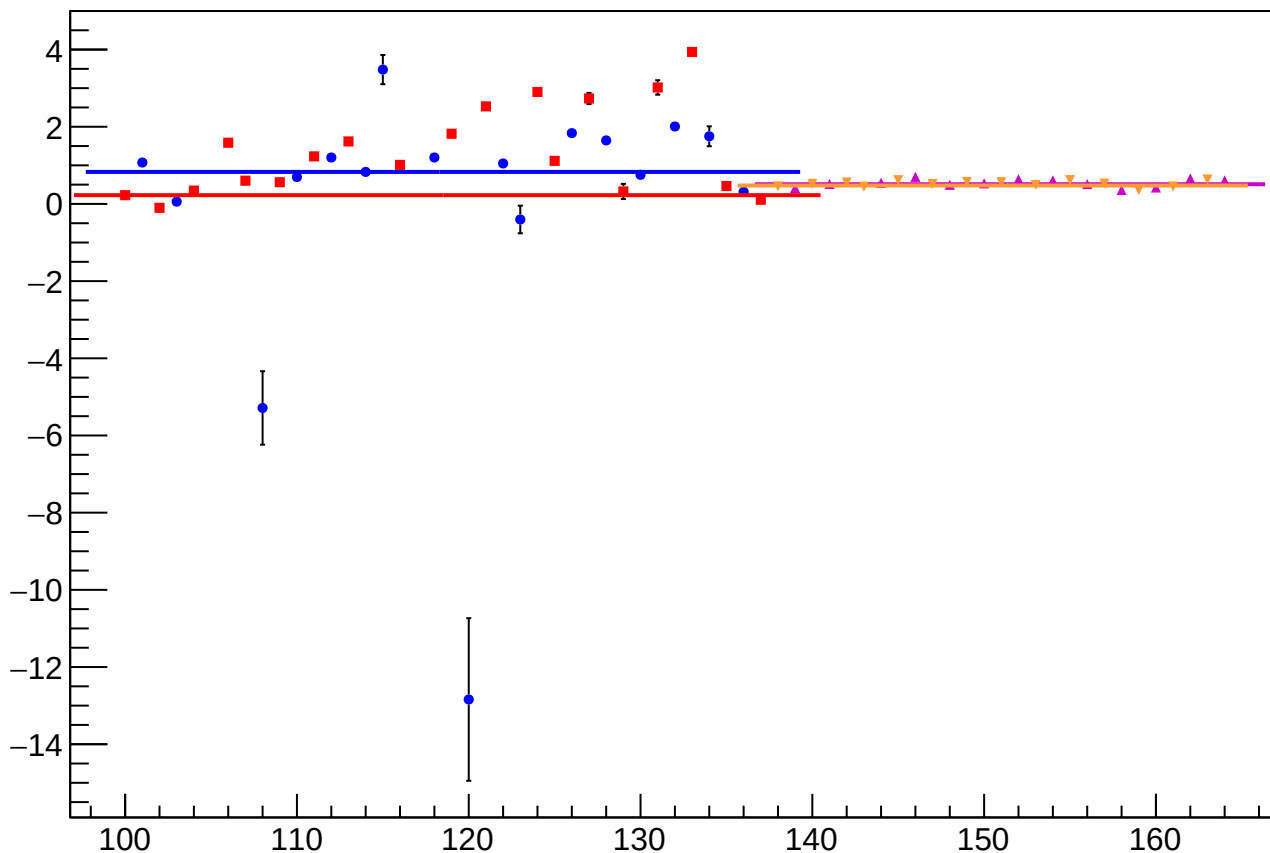
Left In: -0.290 ± 0.174 $\chi^2/\text{NDF}: 3930.0/12$

+ sign -14.519 ± 0.122 $\chi^2/\text{NDF}: 18434.7/30$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 51798.1/62$

- sign -5.568 ± 0.000 $\chi^2/\text{NDF}: 27952.3/31$

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.478 ± 0.001 χ^2/NDF : 5429.5/13

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

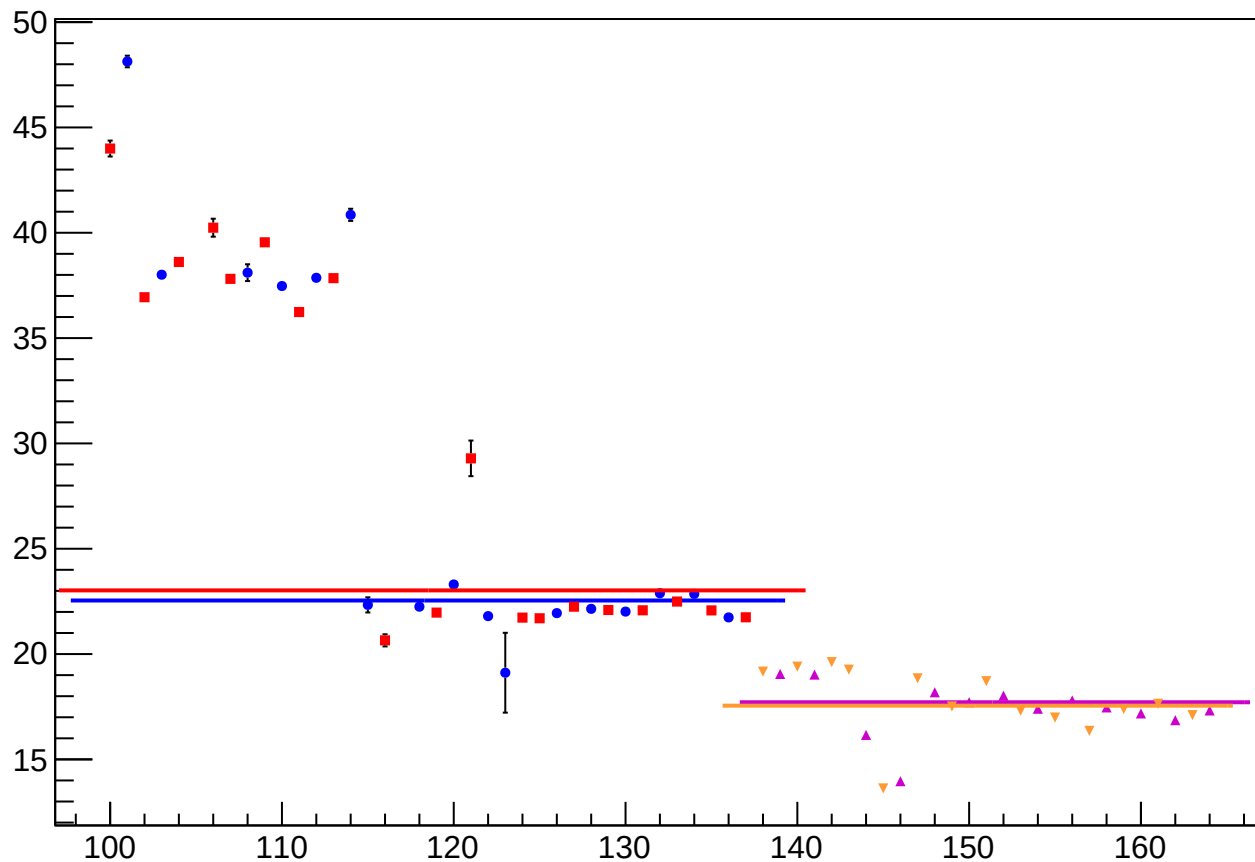
Left In: 0.510 ± 0.001 χ^2/NDF : 7659.4/12

+ sign 0.830 ± 0.000 χ^2/NDF : 99227.3/30

All: 0.289 ± 0.000 χ^2/NDF : 29066082561457

- sign 0.227 ± 0.000 χ^2/NDF : 73707.3/31

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF : 105452.8/16

Left Out: 17.550+/-0.006 χ^2/NDF :70451.9/13

Right Out: 23.023+/-0.009 χ^2/NDF : 165838.0/18

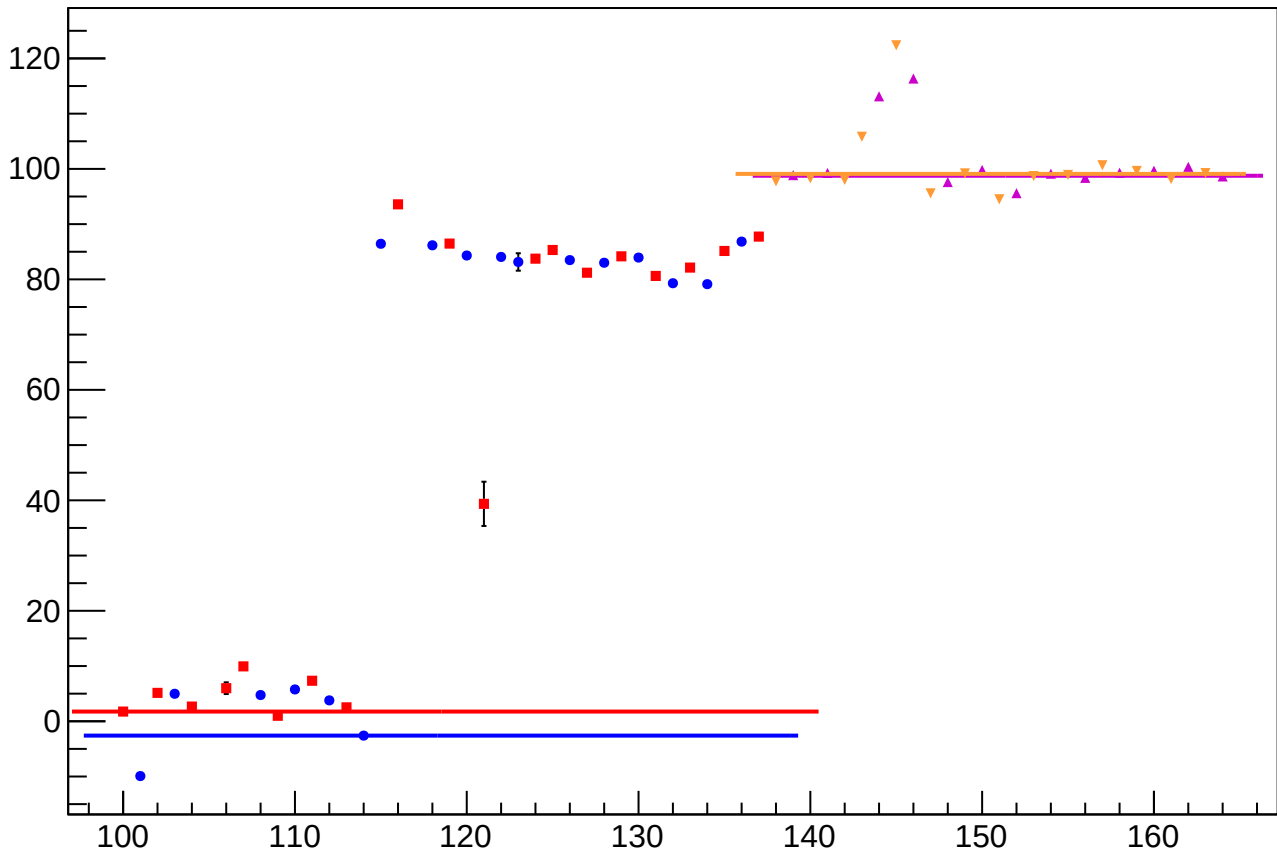
Left In: 17.712+/-0.007 χ^2/NDF :13594.7/12

+ sign 18.978 $\pm$ 0.005 χ^2 /NDF: 381281.2/30

All: 19.291 ± 0.004 χ^2/NDF : 786898.2/62

- sign 19.673 $\pm$ 0.005 χ^2 /NDF: 396826.8/31

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 99.096+/-0.013 χ^2/NDF : 68820.4/13

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

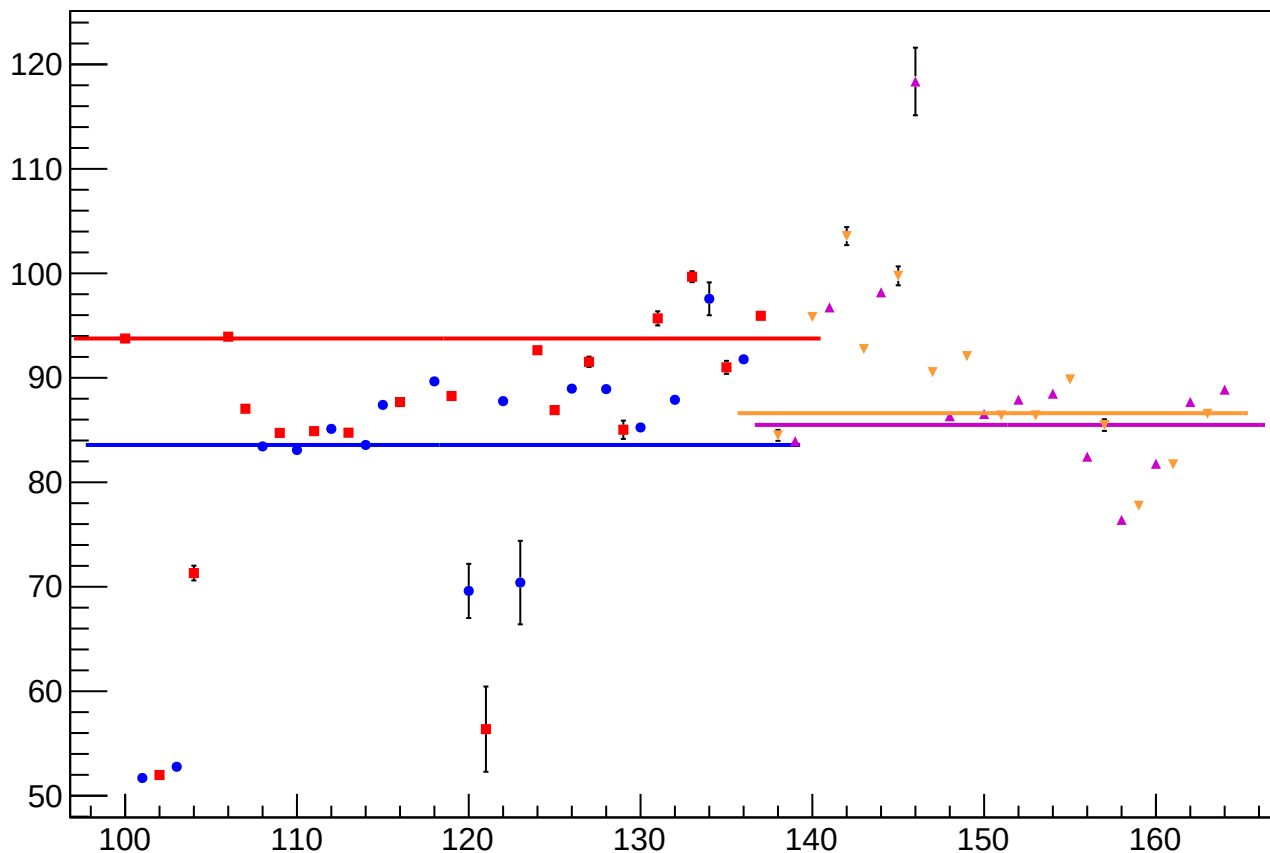
Left In: 98.758+/-0.013 χ^2/NDF : 17792.4/12

+ sign -2.596+/-0.000 χ^2/NDF : 68604623.6/30

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

- sign 1.758+/-0.000 χ^2/NDF : 60497445.4/31

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2 /NDF: 49468.0/16

Left Out: 86.616+/-0.081 χ^2 /NDF:5590.6/13

Right Out: 93.762+/-0.000 χ^2 /NDF: 82848.8/18

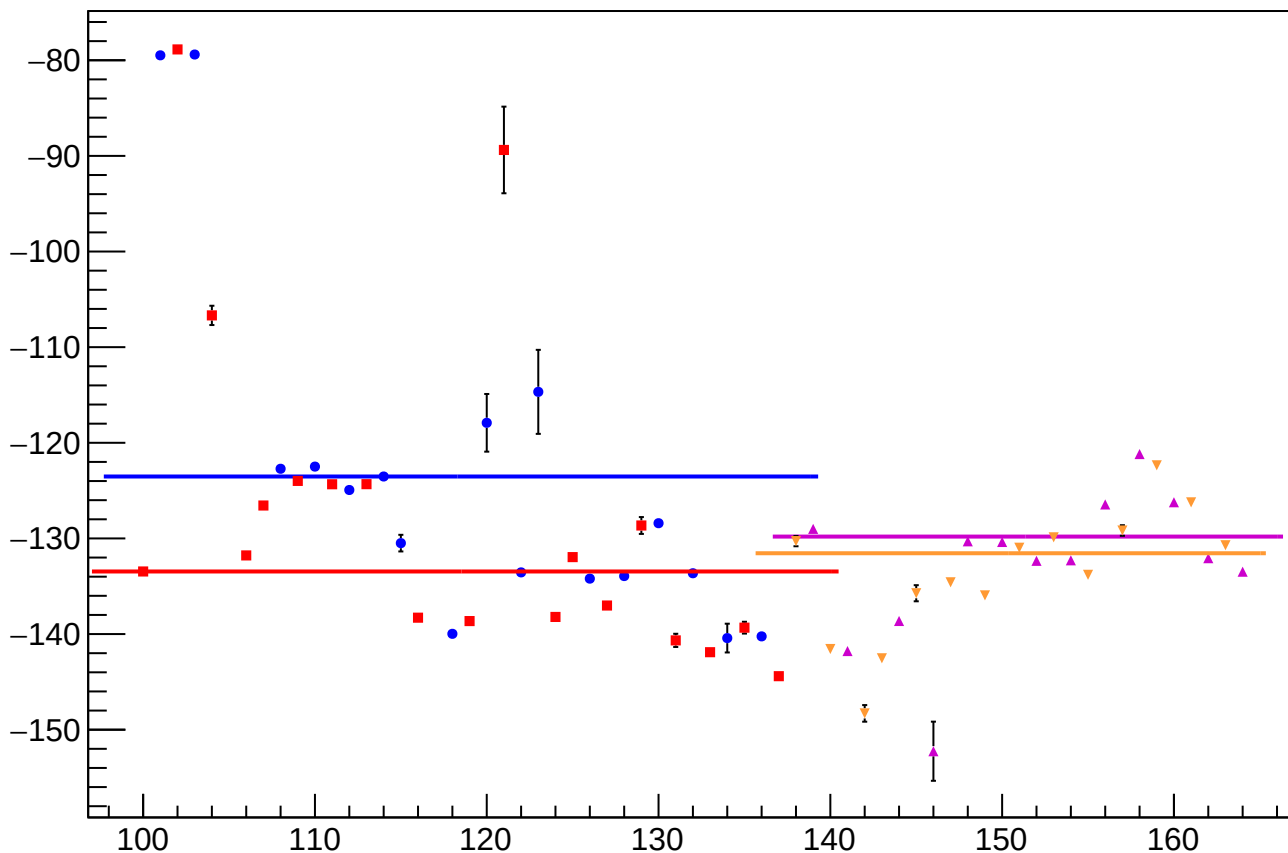
Left In: 85.492+/-0.064 χ^2 /NDF:6012.1/12

+ sign 83.573+/-0.000 χ^2 /NDF: 56476.7/30

All: 87.169+/-0.000 χ^2 /NDF: 1995684404141

- sign 93.762+/-0.000 χ^2 /NDF: 105377.1/31

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF : 160356.5/16

Left Out: -131.549+/-0.080 χ^2/NDF : 7114.3/13

Right Out: -133.456+/-0.000 χ^2/NDF : 394896.3/18

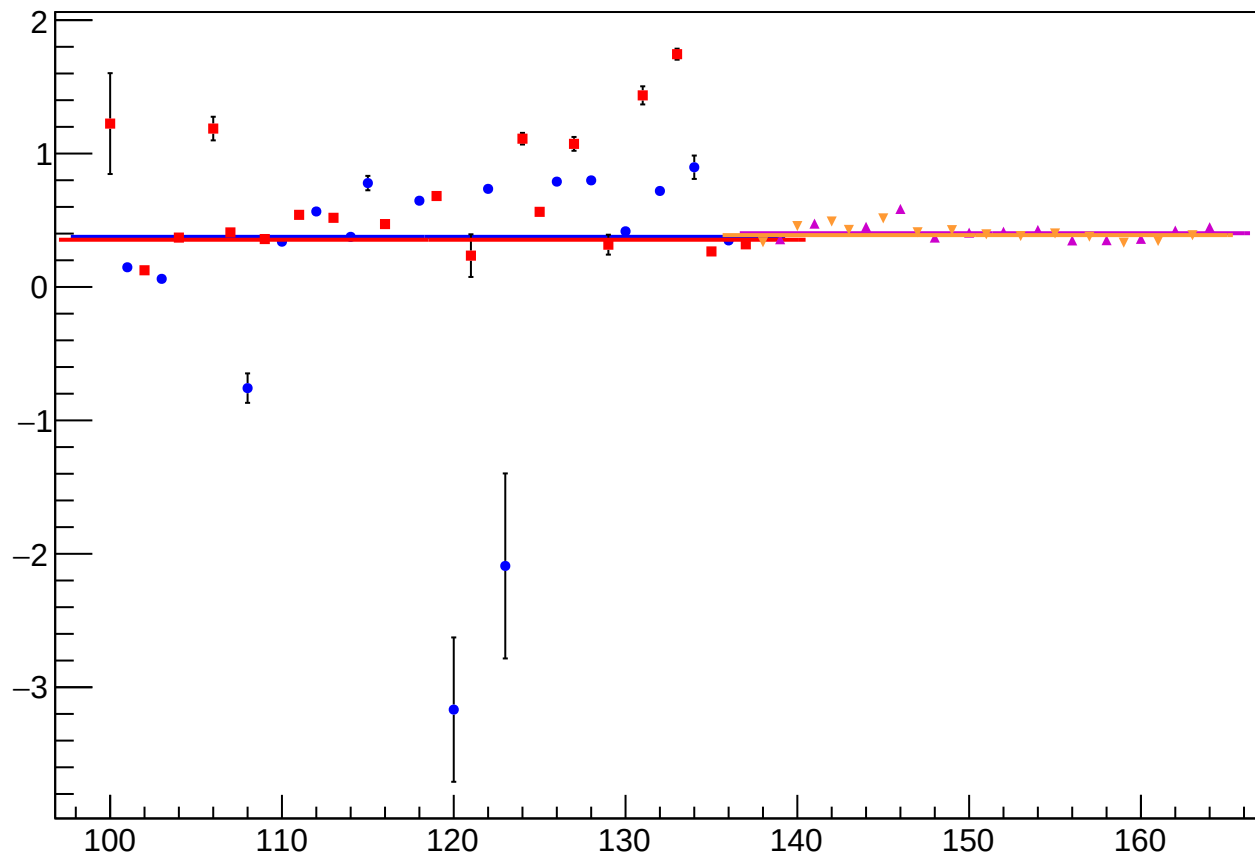
Left In: -129.807+/-0.063 χ^2/NDF : 5210.5/12

+ sign -123.524+/-0.000 χ^2/NDF : 177426.4/30

All: -124.716+/-0.000 χ^2/NDF : 64467869901

- sign -133.456+/-0.000 χ^2/NDF : 403441.6/31

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.389 $\pm$ 0.001 χ^2 /NDF: 4576.3/13

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

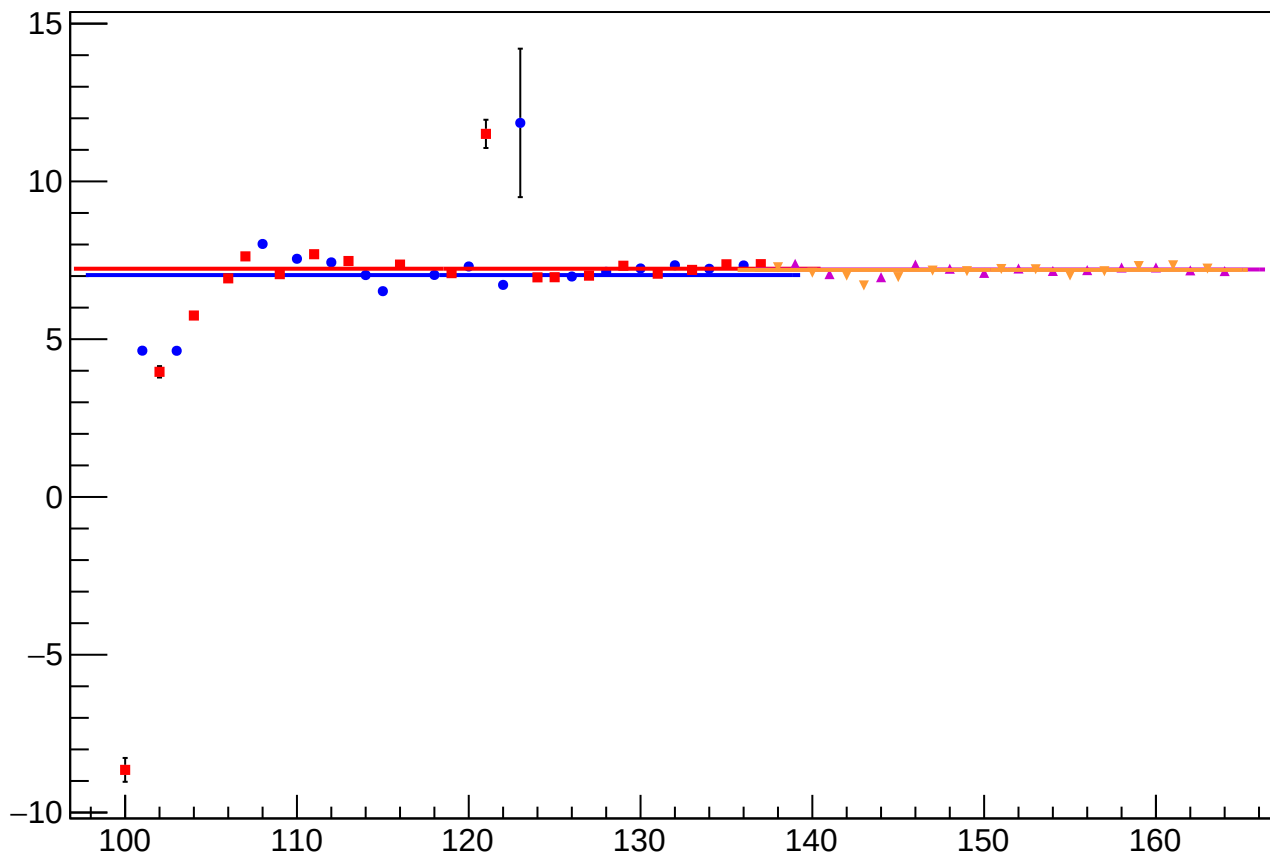
Left In: 0.403 $\pm$ 0.001 χ^2 /NDF: 6081.5/12

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 8987.8/30

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 22615.9/62

- sign 0.398 $\pm$ 0.000 χ^2 /NDF: 11611.7/31

dit_sam7_4aY_slope vs Slug



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.195 $\pm$ 0.001 χ^2 /NDF: 22945.3/13

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

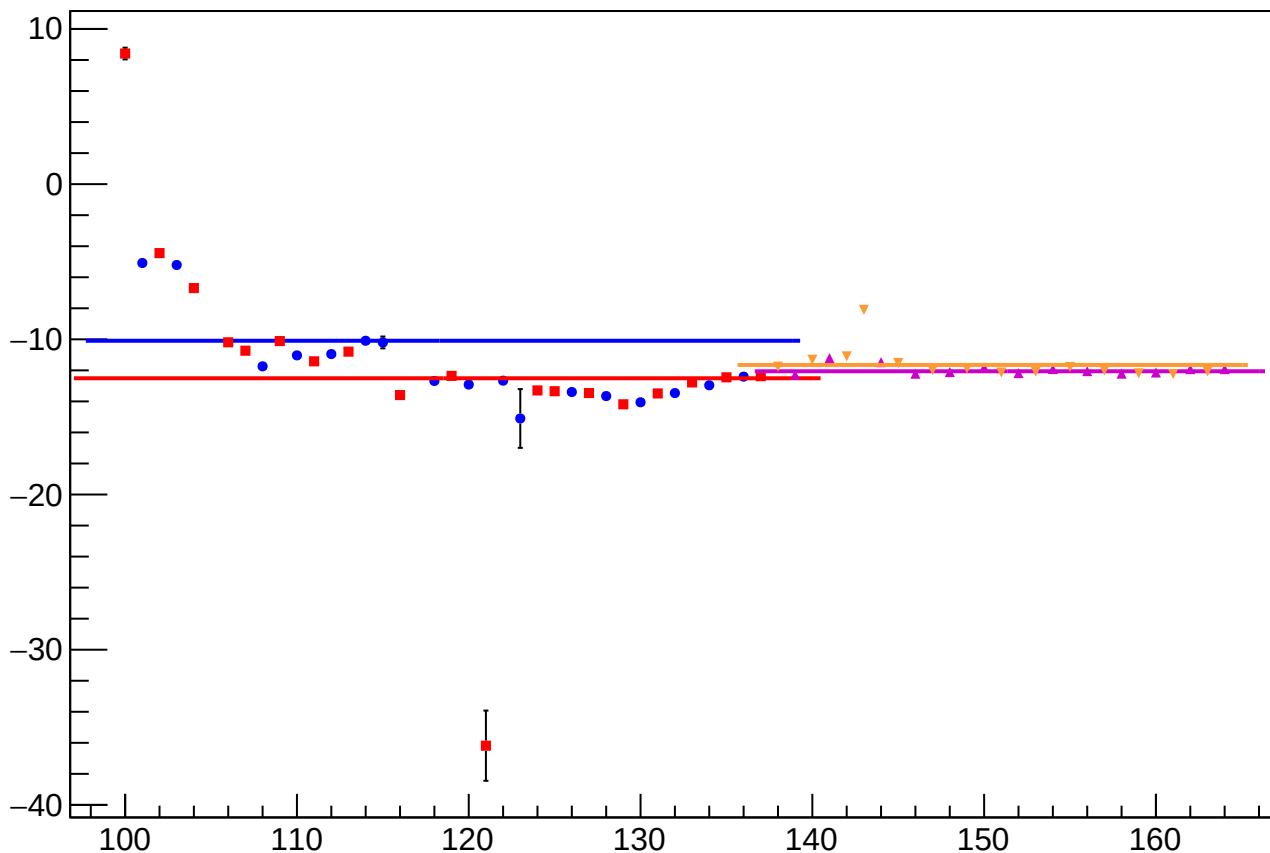
Left In: 7.209 $\pm$ 0.001 χ^2 /NDF: 10011.4/12

+ sign 7.032 $\pm$ 0.000 χ^2 /NDF: 68535.6/30

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 130018.9/62

- sign 7.212 $\pm$ 0.001 χ^2 /NDF: 20161.4/31

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.650 ± 0.002 χ^2/NDF : 400300.6/13

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

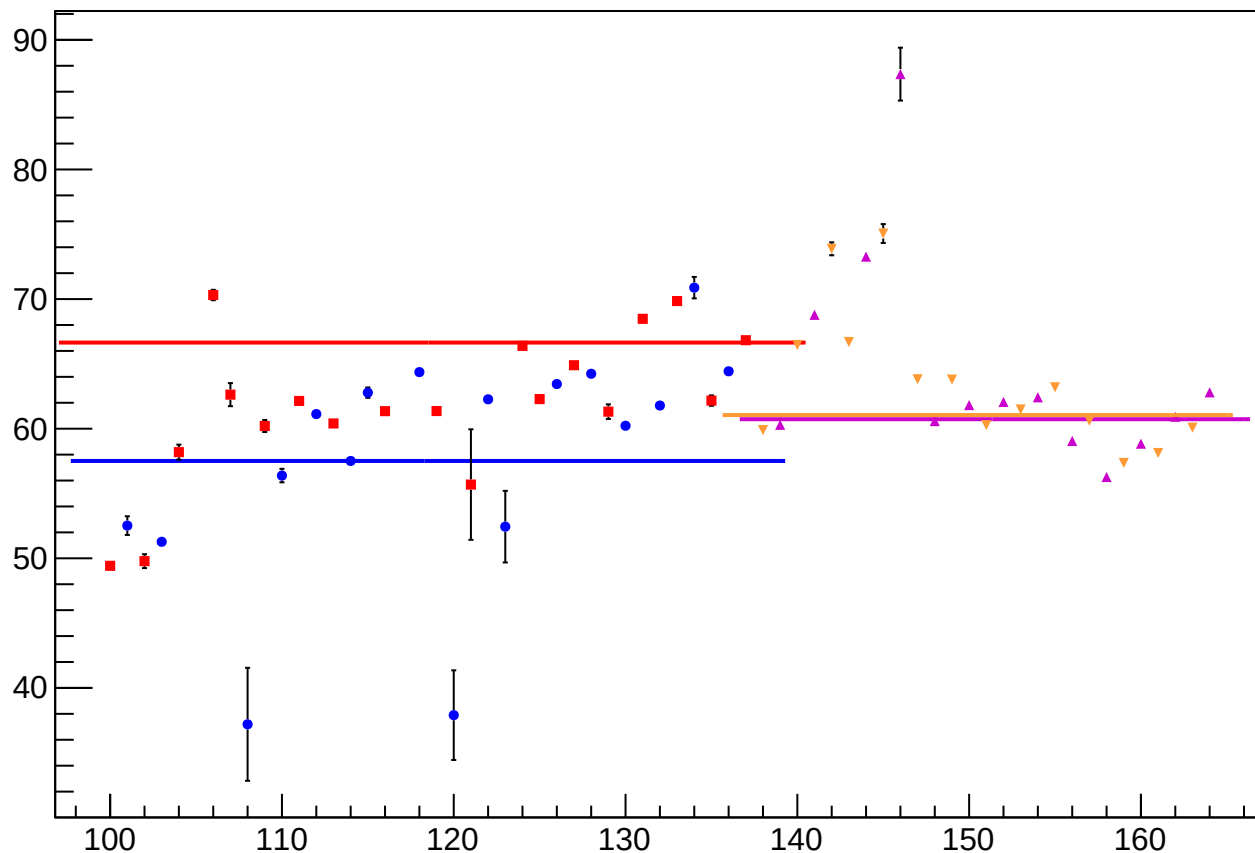
Left In: -12.058 ± 0.002 χ^2/NDF : 14970.7/12

+ sign -10.092 ± 0.000 χ^2/NDF : 1605208.6/30

All: -10.092 ± 0.000 χ^2/NDF : 3248716.8/62

- sign -12.147 ± 0.002 χ^2/NDF : 130064.4/31

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF : 8108.6/16

Left Out: 61.051+/-0.047 χ^2/NDF : 5152.0/13

Right Out: 66.645+/-0.013 χ^2/NDF : 8163.8/18

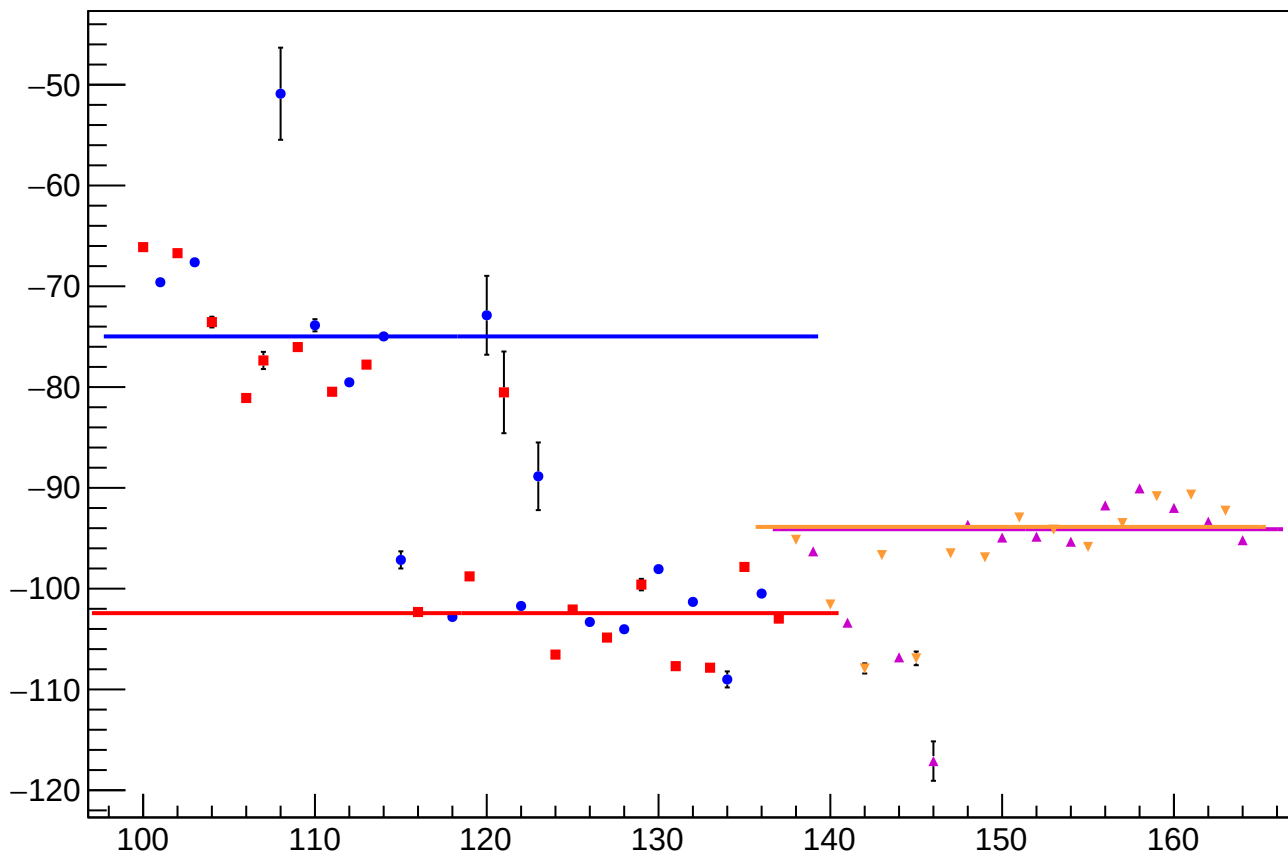
Left In: 60.732+/-0.038 χ^2/NDF : 5653.8/12

+ sign 57.510+/-0.000 χ^2/NDF : 18989.4/30

All: 57.510+/-0.000 χ^2/NDF : 528336.5/62

- sign 66.005+/-0.012 χ^2/NDF : 35931.4/31

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -93.873 ± 0.047 $\chi^2/\text{NDF}: 4753.6/13$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

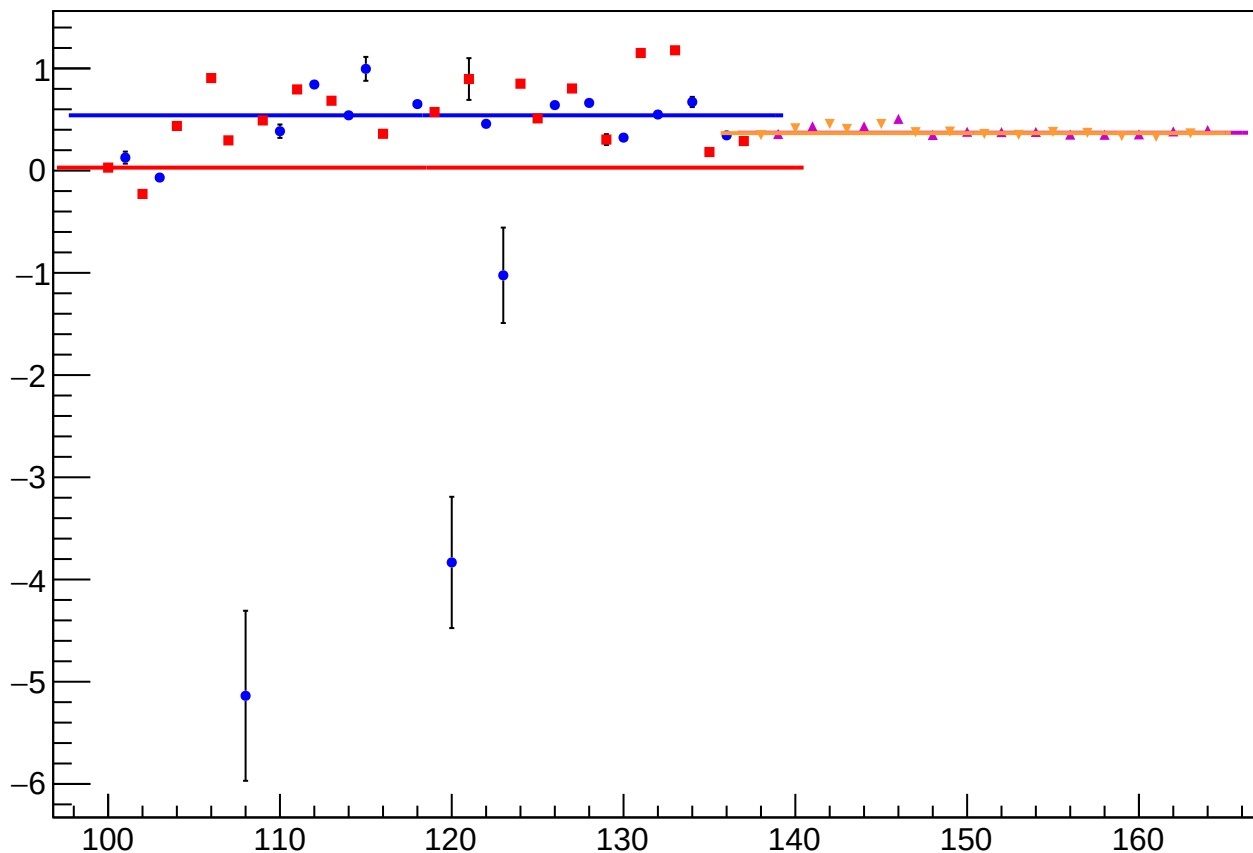
Left In: -94.102 ± 0.038 $\chi^2/\text{NDF}: 6167.9/12$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 297583.7/30$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2983155.3/62$

- sign -100.929 ± 0.016 $\chi^2/\text{NDF}: 95934.4/31$

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 ± 0.000 χ^2/NDF : 29180.5/16

Left Out: 0.367 ± 0.000 χ^2/NDF : 3036.6/13

Right Out: 0.030 ± 0.000 χ^2/NDF : 121659.5/18

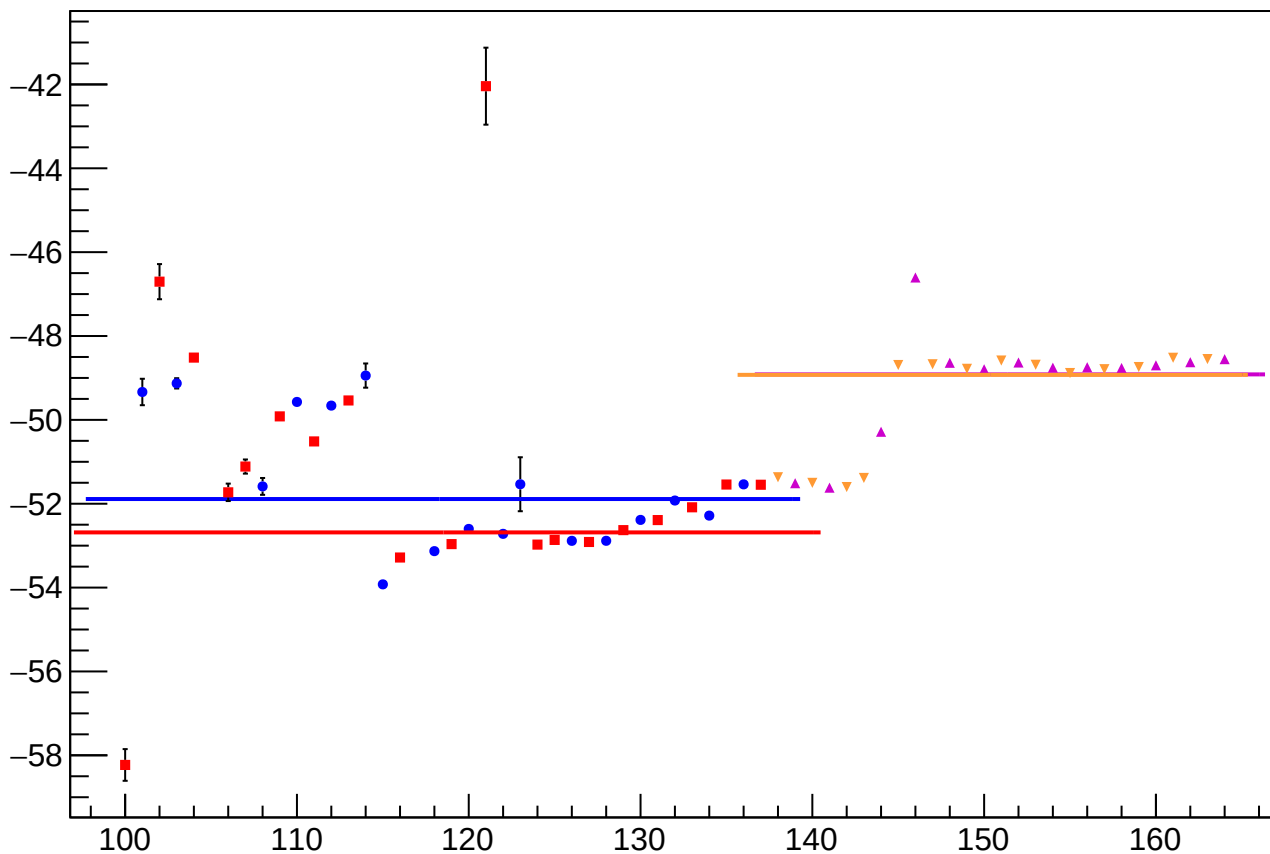
Left In: 0.371 ± 0.000 χ^2/NDF : 4977.7/12

+ sign 0.541 ± 0.000 χ^2/NDF : 173438.4/30

All: 0.030 ± 0.000 χ^2/NDF : 23314297700963

- sign 0.030 ± 0.000 χ^2/NDF : 1206932.7/31

dit_sam8_4aY_slope vs Slug



Right In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Left Out: -48.926 $\pm$ 0.001 χ^2 /NDF: 364065.3/13

Right Out: -52.684 $\pm$ 0.003 χ^2 /NDF: 56125.8/18

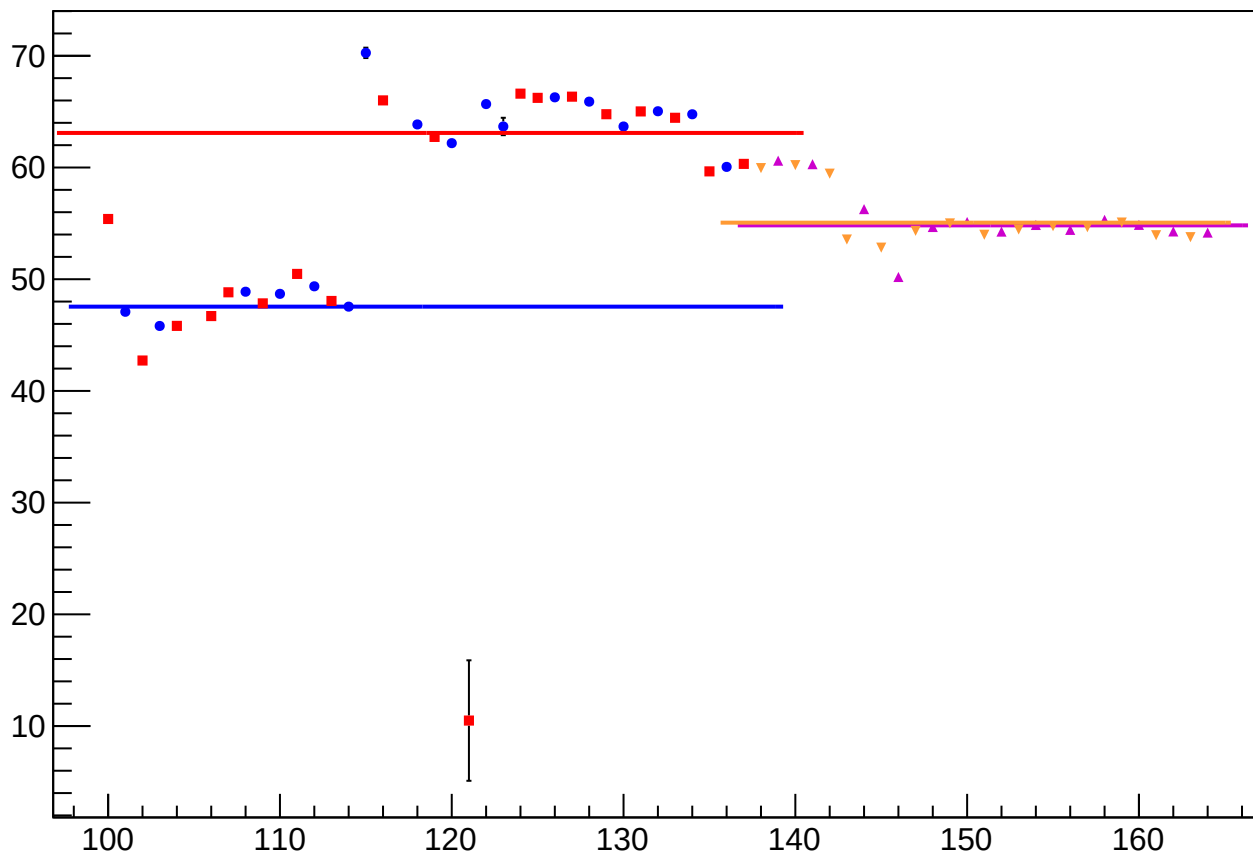
Left In: -48.915 $\pm$ 0.001 χ^2 /NDF: 522111.3/12

+ sign -49.680 $\pm$ 0.001 χ^2 /NDF: 1758577.2/30

All: -49.550 $\pm$ 0.001 χ^2 /NDF: 4218597.1/62

- sign -49.453 $\pm$ 0.001 χ^2 /NDF: 2436558.9/31

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 55.064 $\pm$ 0.003 χ^2 /NDF: 239345.8/13

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

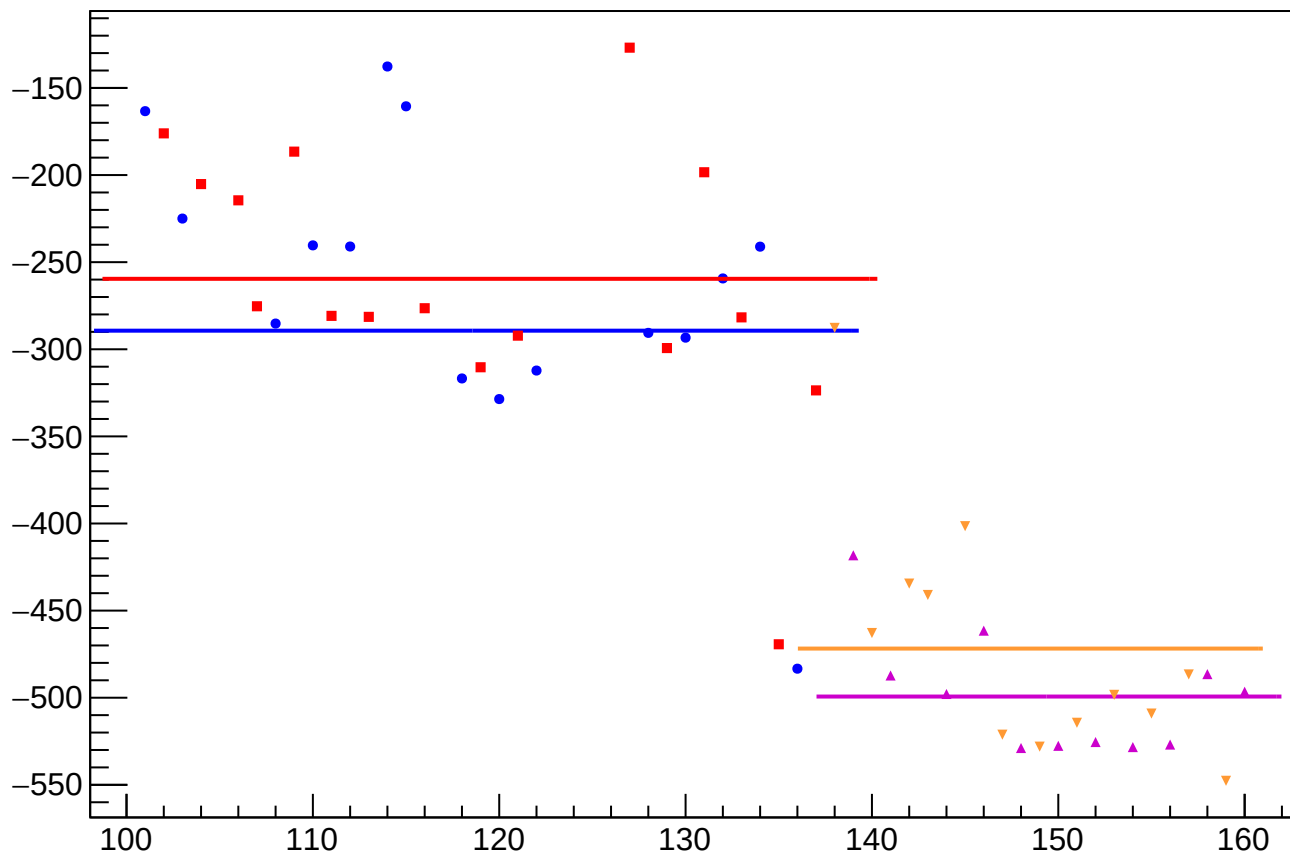
Left In: 54.821 $\pm$ 0.003 χ^2 /NDF: 82145.3/12

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 8826154.7/30

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 20577405.2/62

- sign 55.807 $\pm$ 0.003 χ^2 /NDF: 1495478.9/31

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

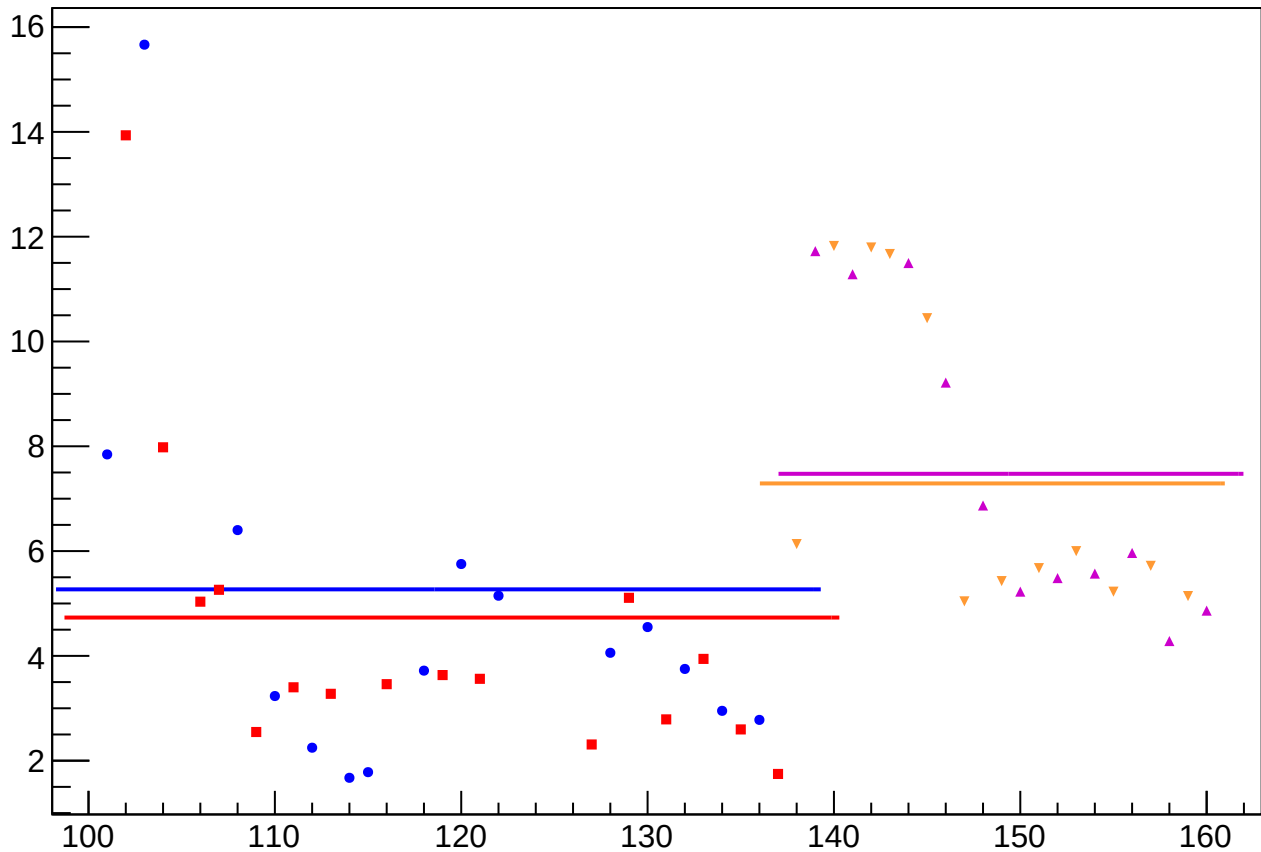
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

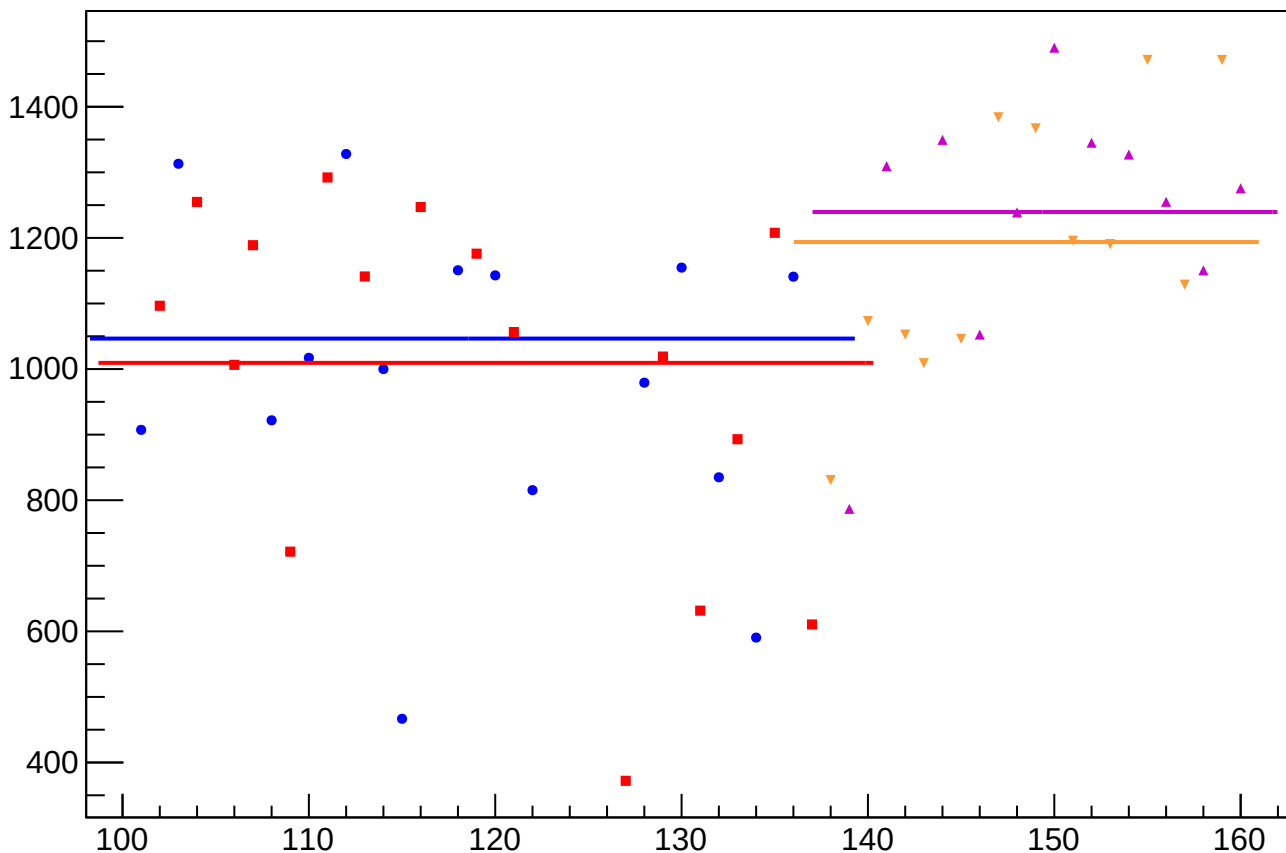
- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000	χ^2/NDF : 8709683292123798330550906790084608.0/14	+ sign 6.452+/-0.000	χ^2/NDF : 16978559973735600
Left Out: 7.291+/-0.000	χ^2/NDF : 6718053515172863885836432351166464.0/11	All: 6.388+/-0.000	χ^2/NDF : 33820915421032
Right Out: 4.732+/-0.000	χ^2/NDF : 6856893072575211562802281426452480.0/15	- sign 6.325+/-0.000	χ^2/NDF : 16829636305354281
Left In: 7.475+/-0.000	χ^2/NDF : 7057812139399579538870244550377472.0/10		

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

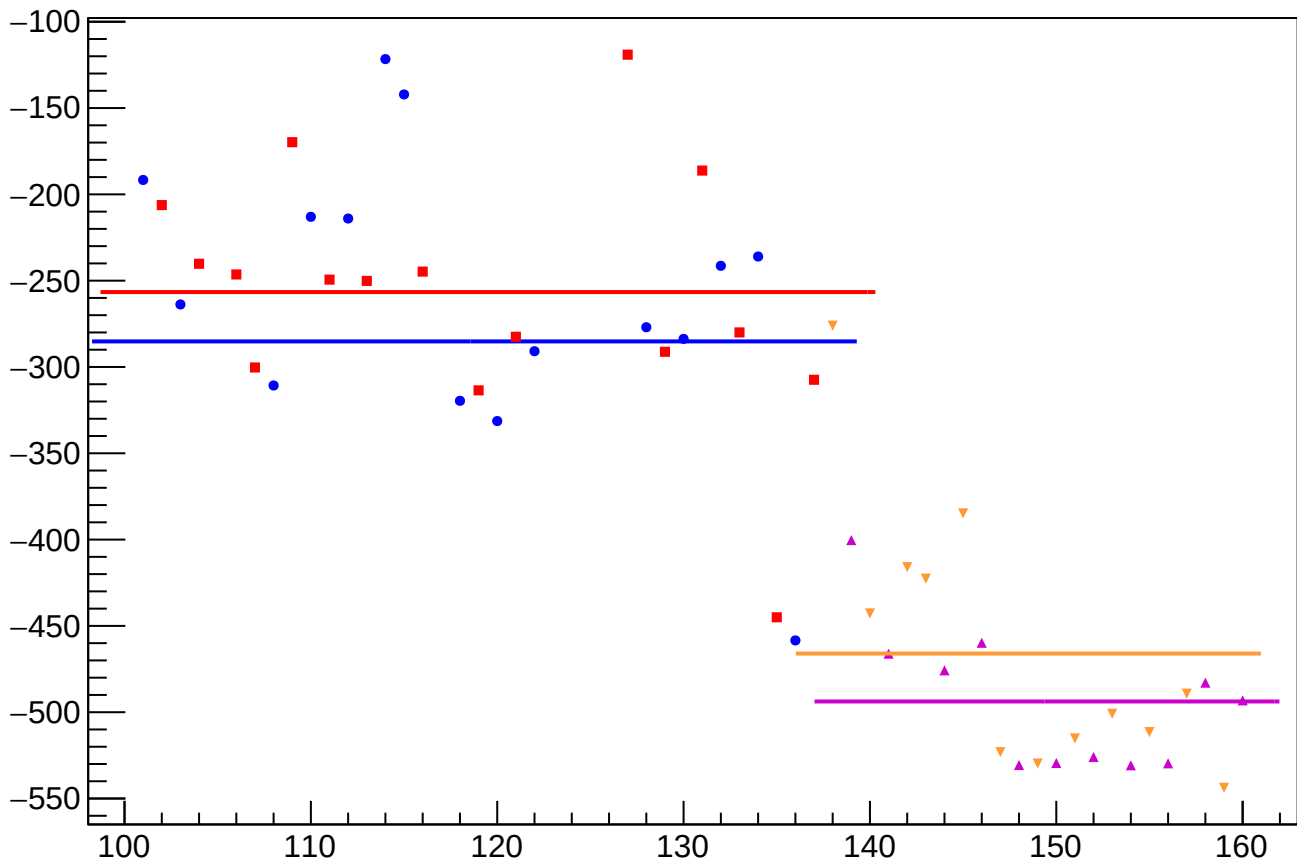
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

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

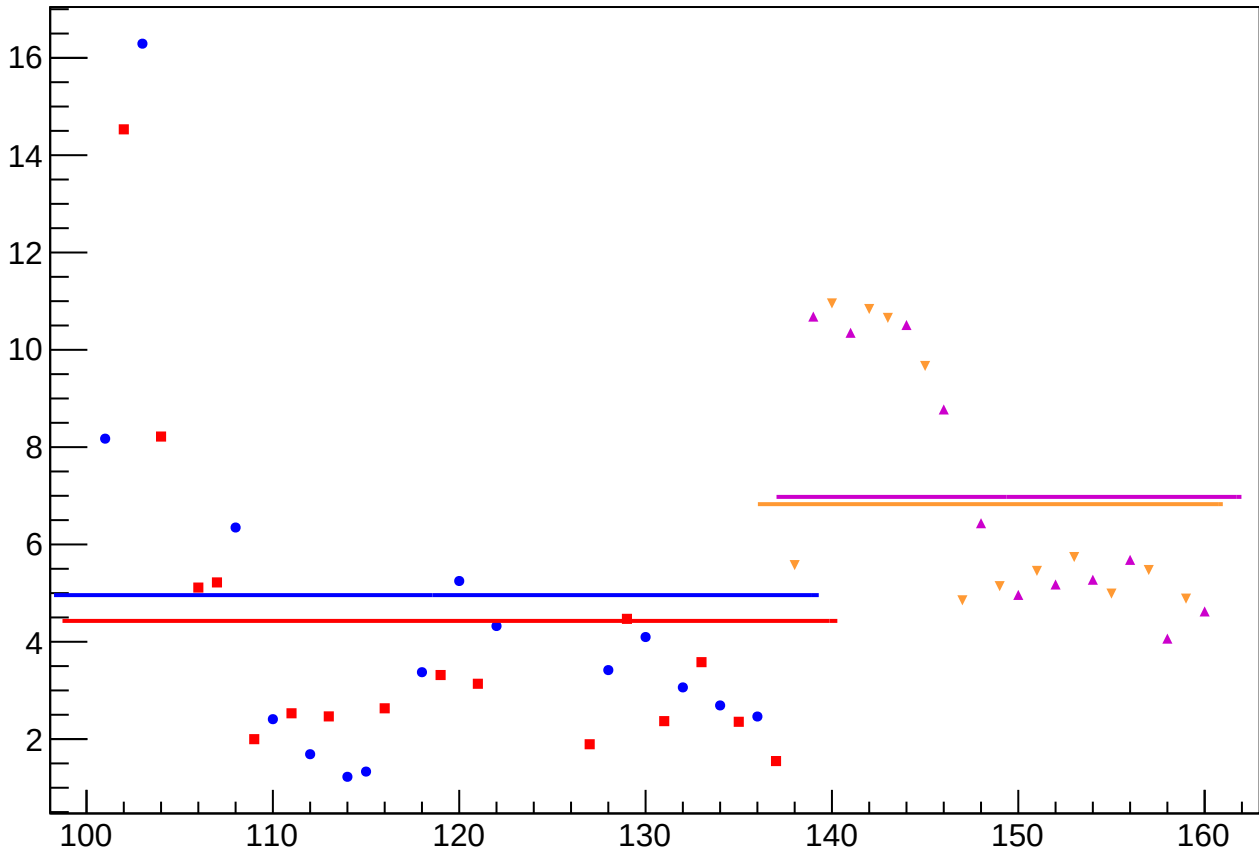
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ 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



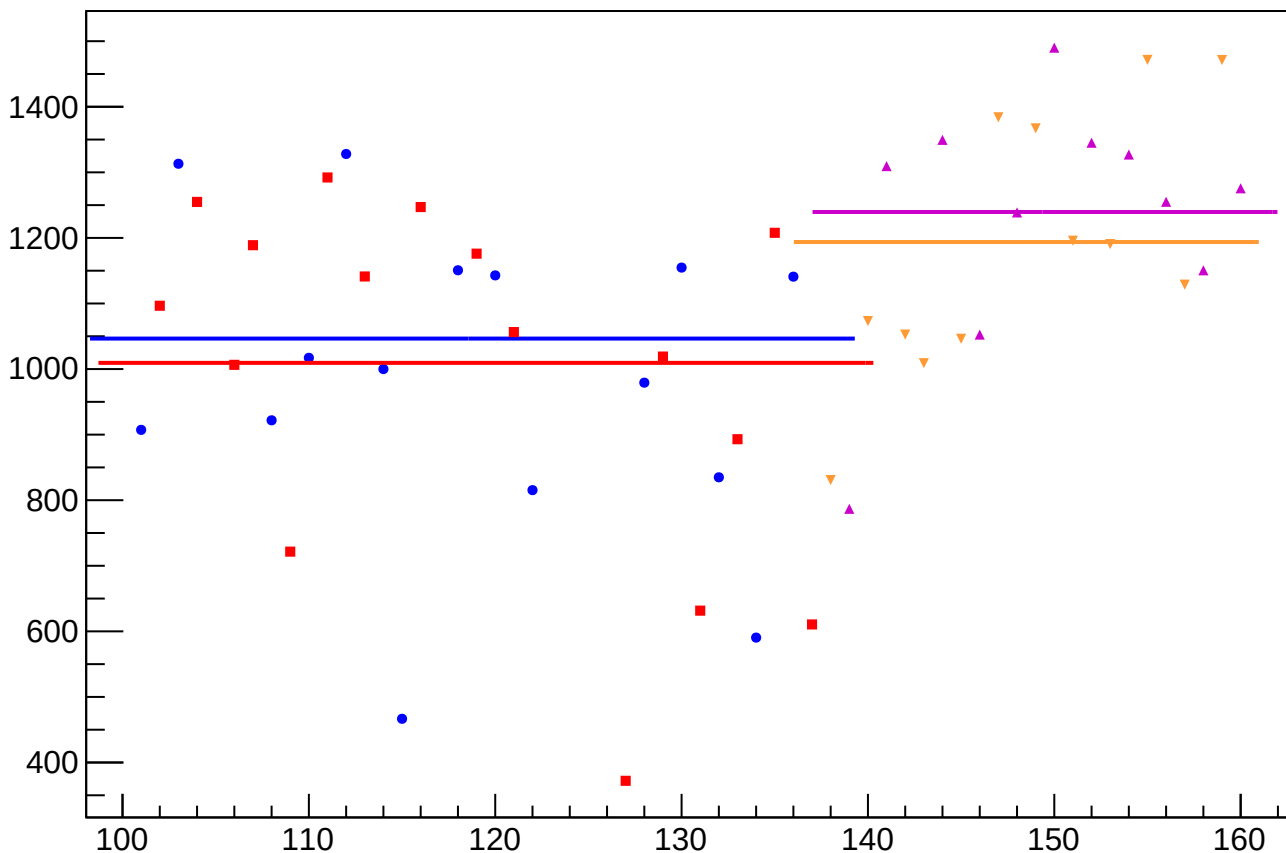
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

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

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

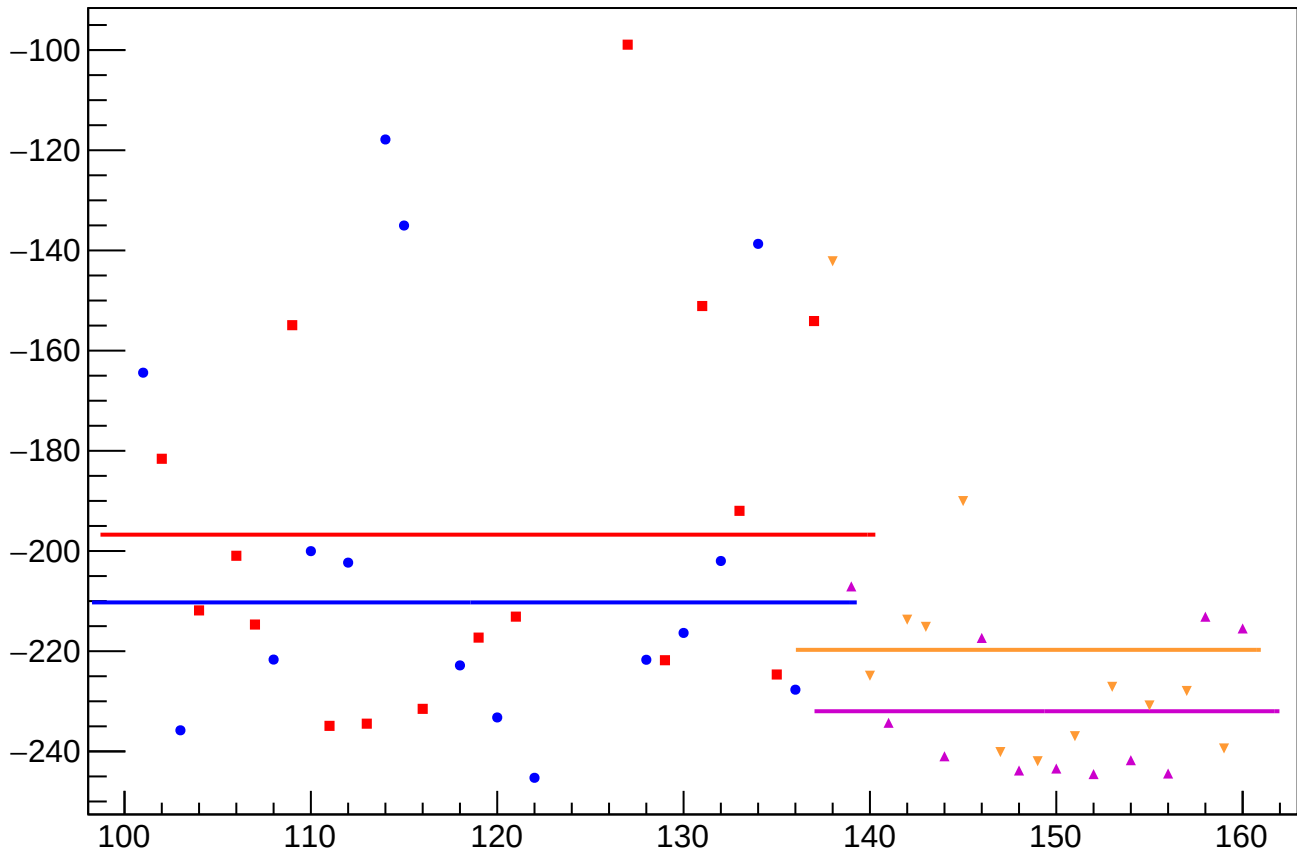
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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_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

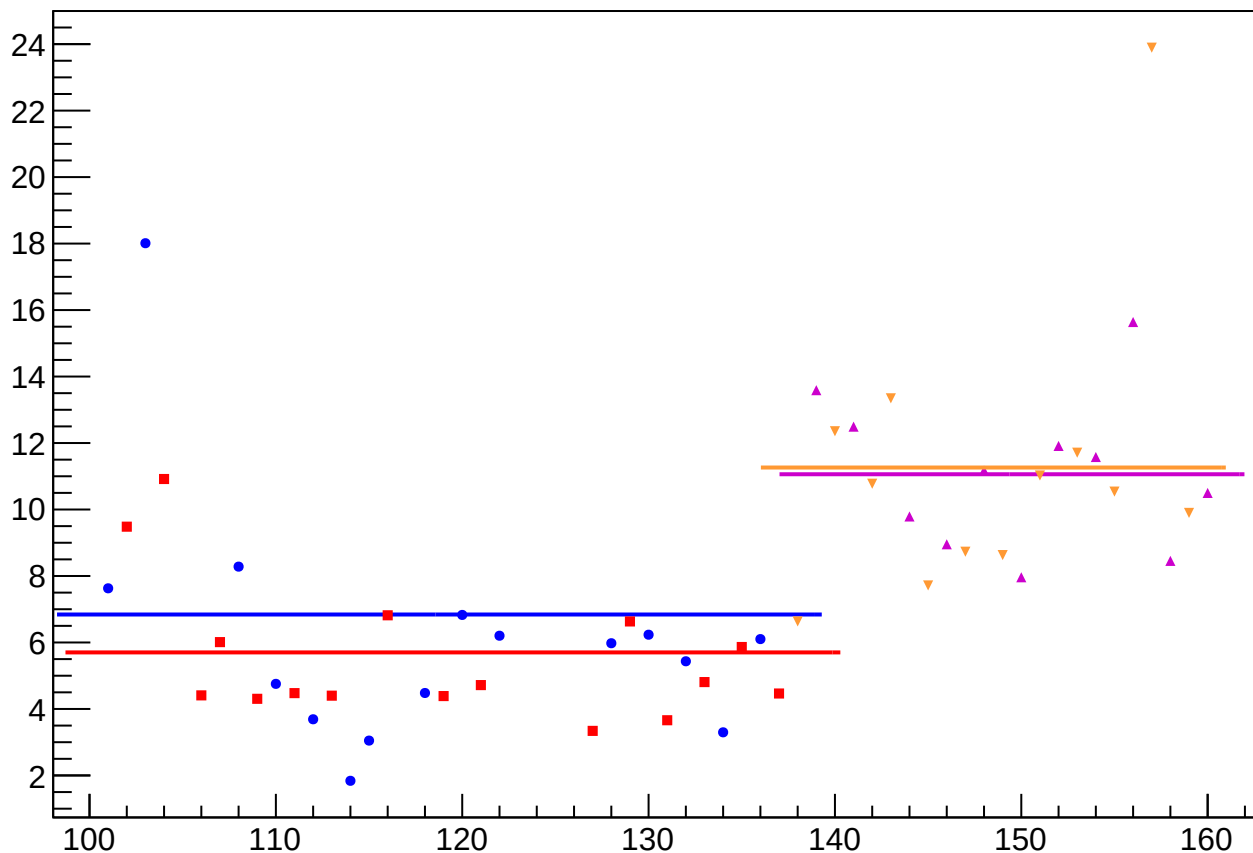
Left In: -231.985+/-0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ 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

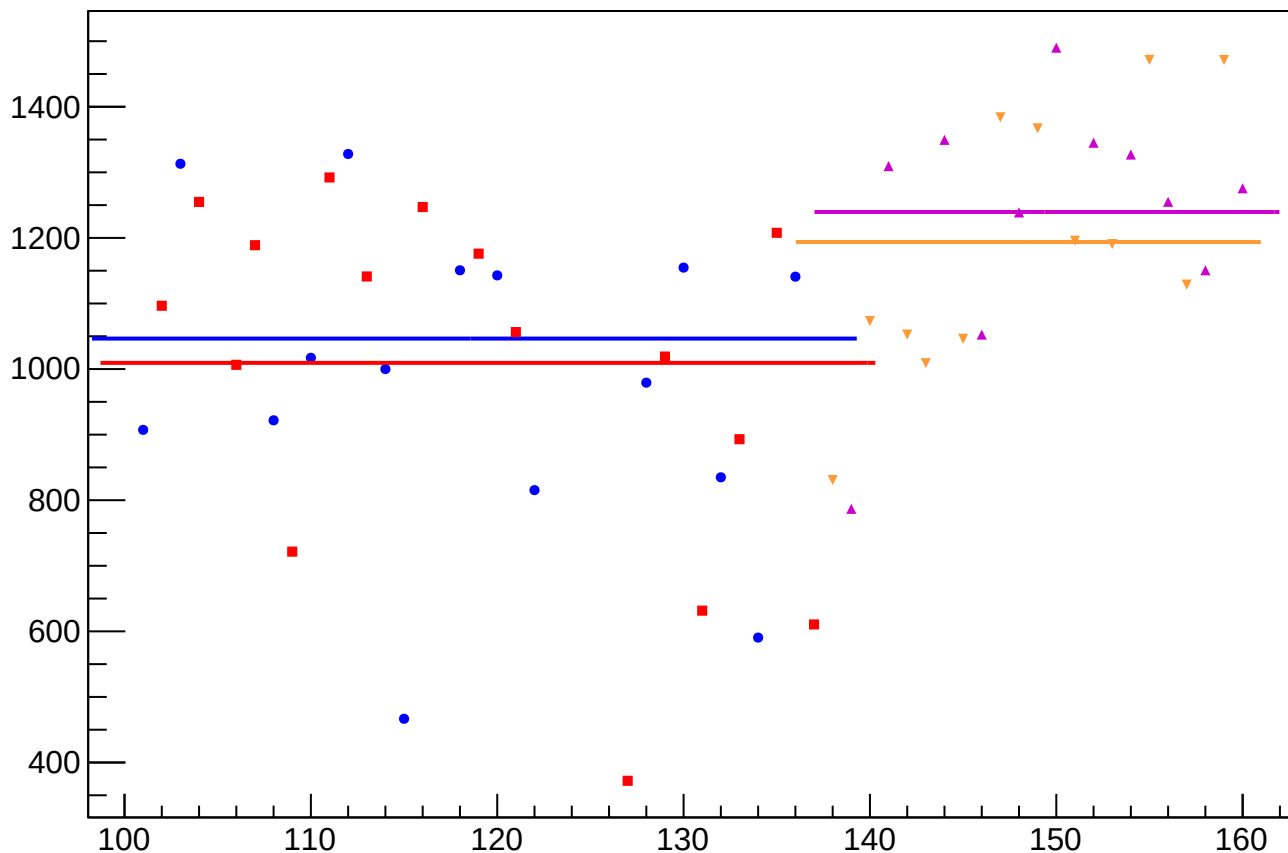
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF : 33726426520626408

All: 9.118+/-0.000 χ^2/NDF : 52742989230721

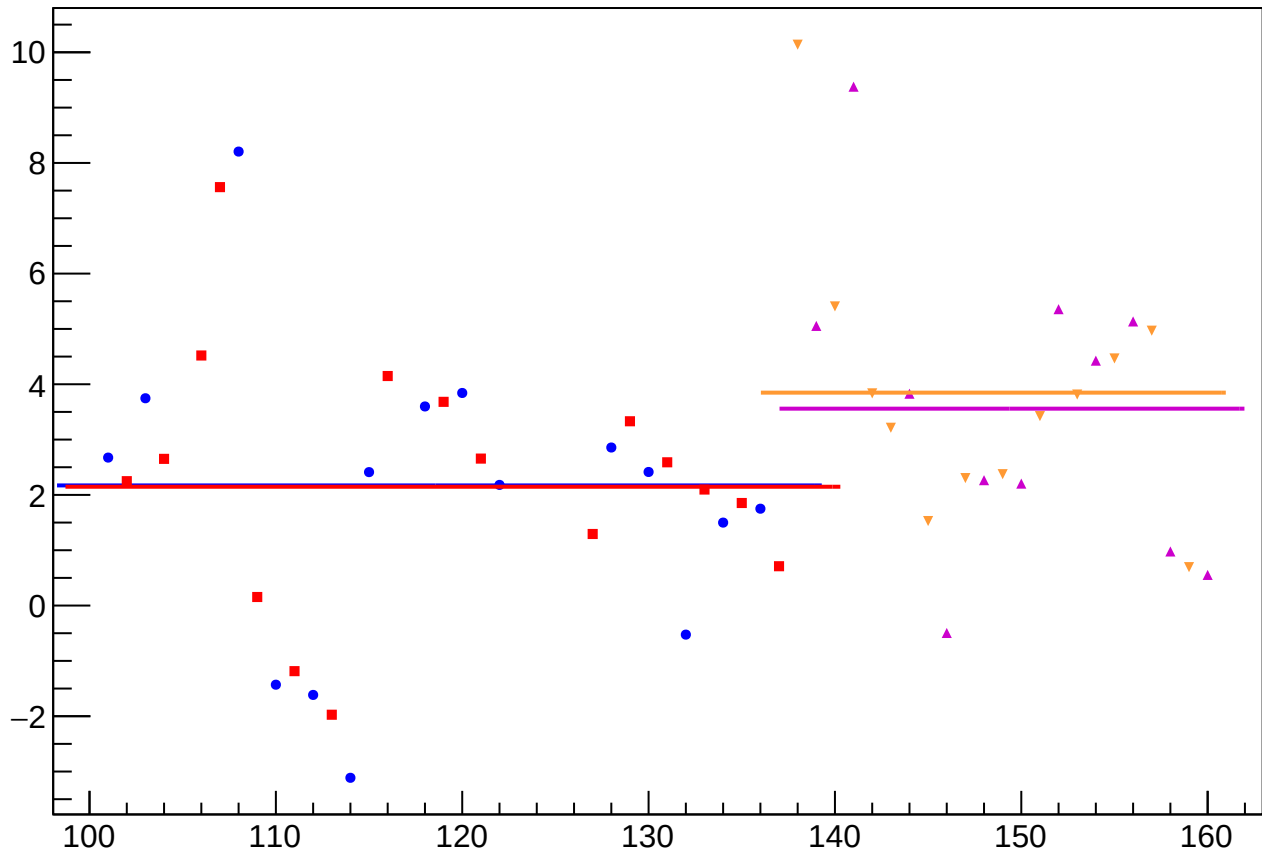
- sign 8.814+/-0.000 χ^2/NDF : 18719955384548476

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		

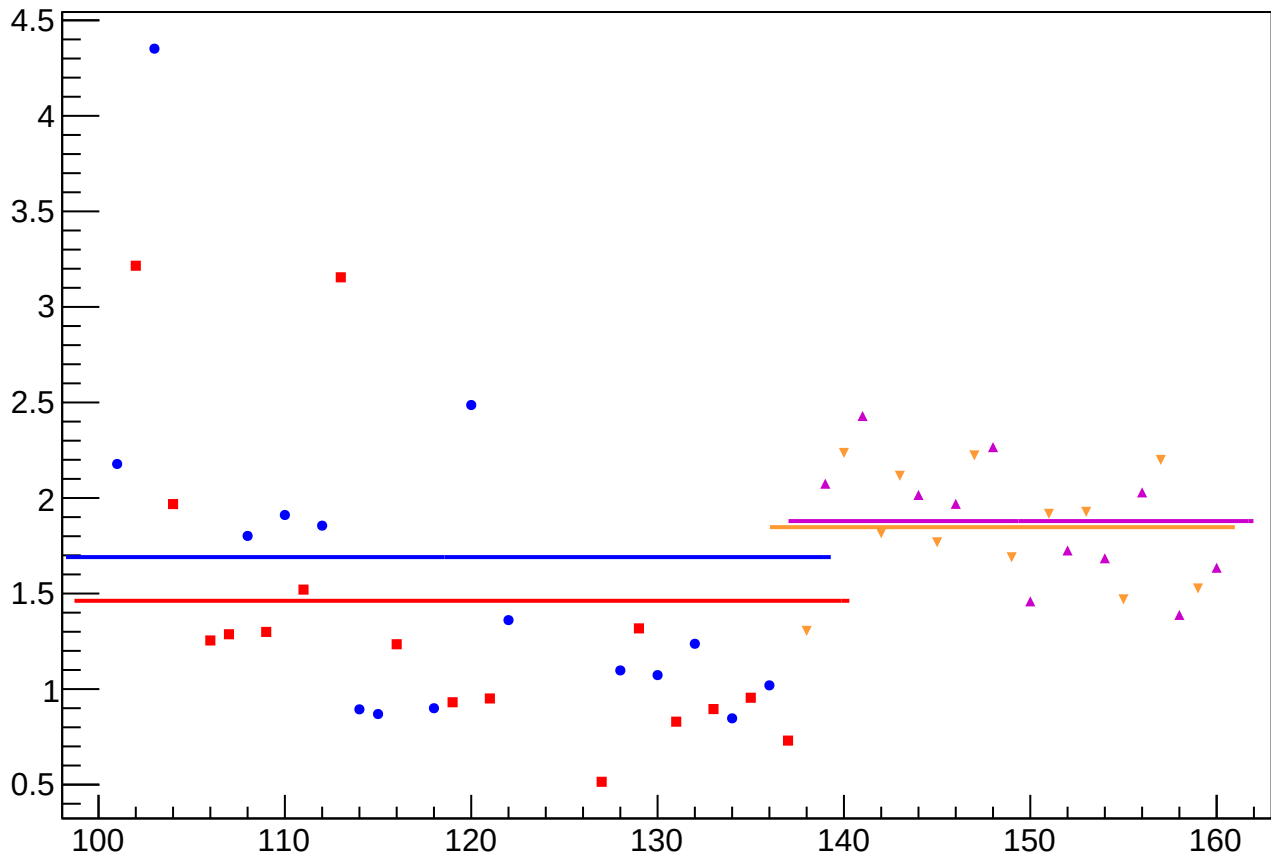
dit_4aY_coil1_mean vs Slug



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

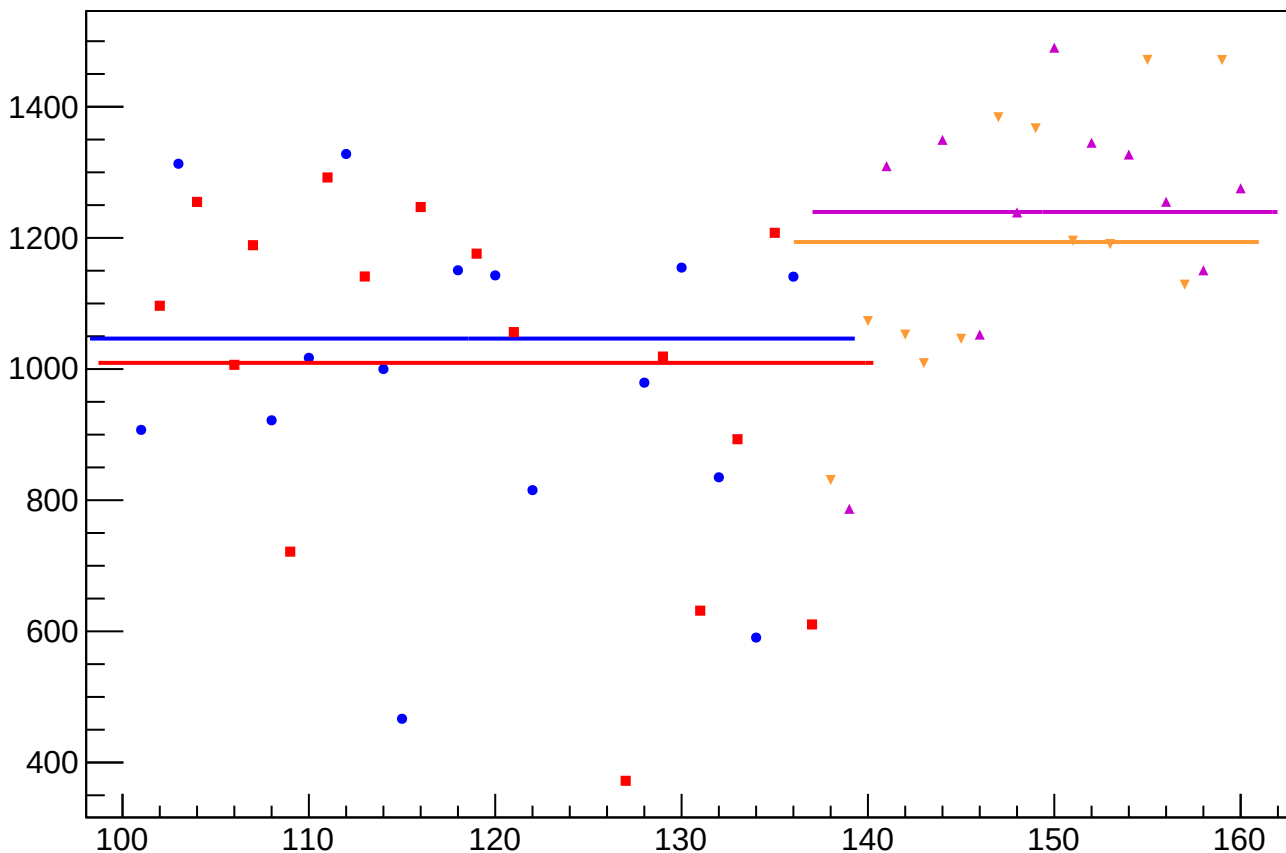
+ sign 3.152+/-0.000 χ^2/NDF : 97067404303844652
 All: 3.059+/-0.000 χ^2/NDF : 20091616900140
 - sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

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

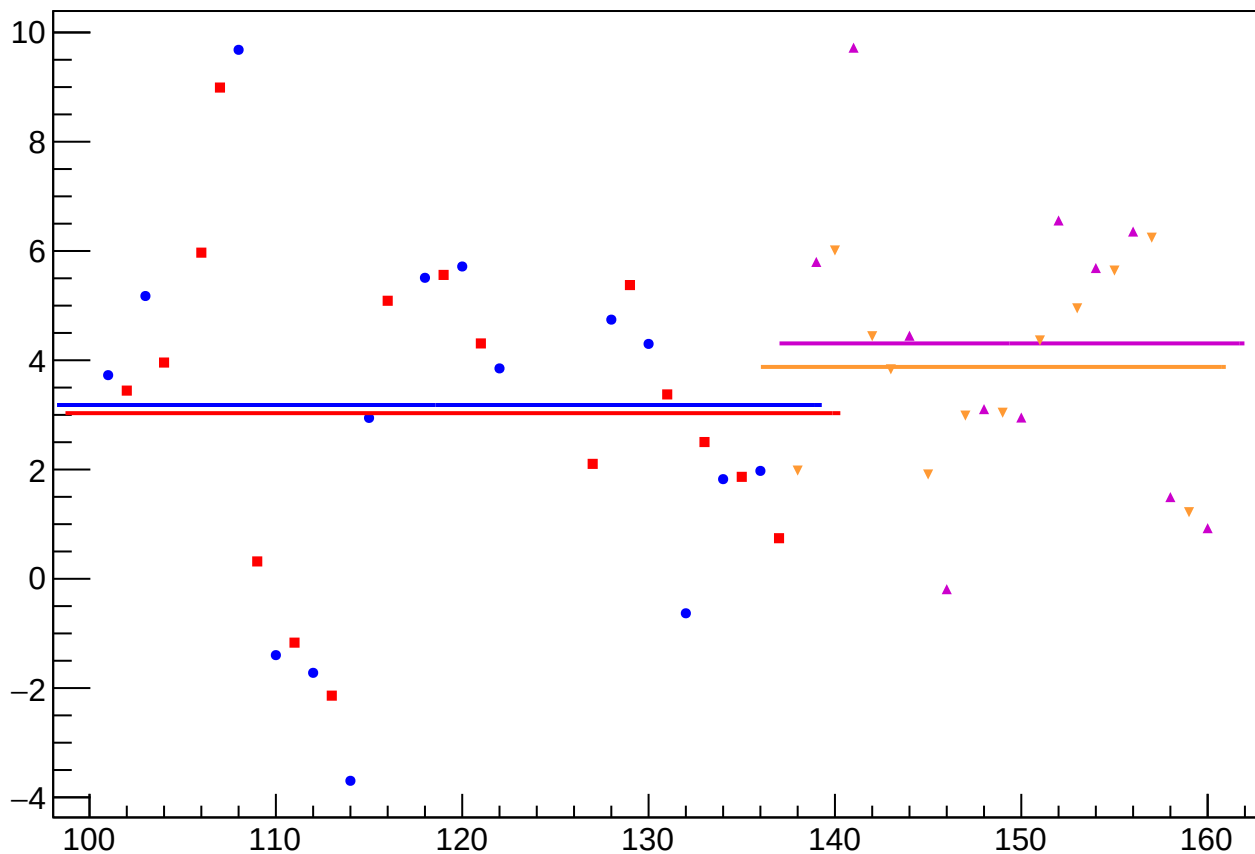
Left Out: 1193.726 ± 0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884 ± 0.000 χ^2/NDF : 16179959910

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

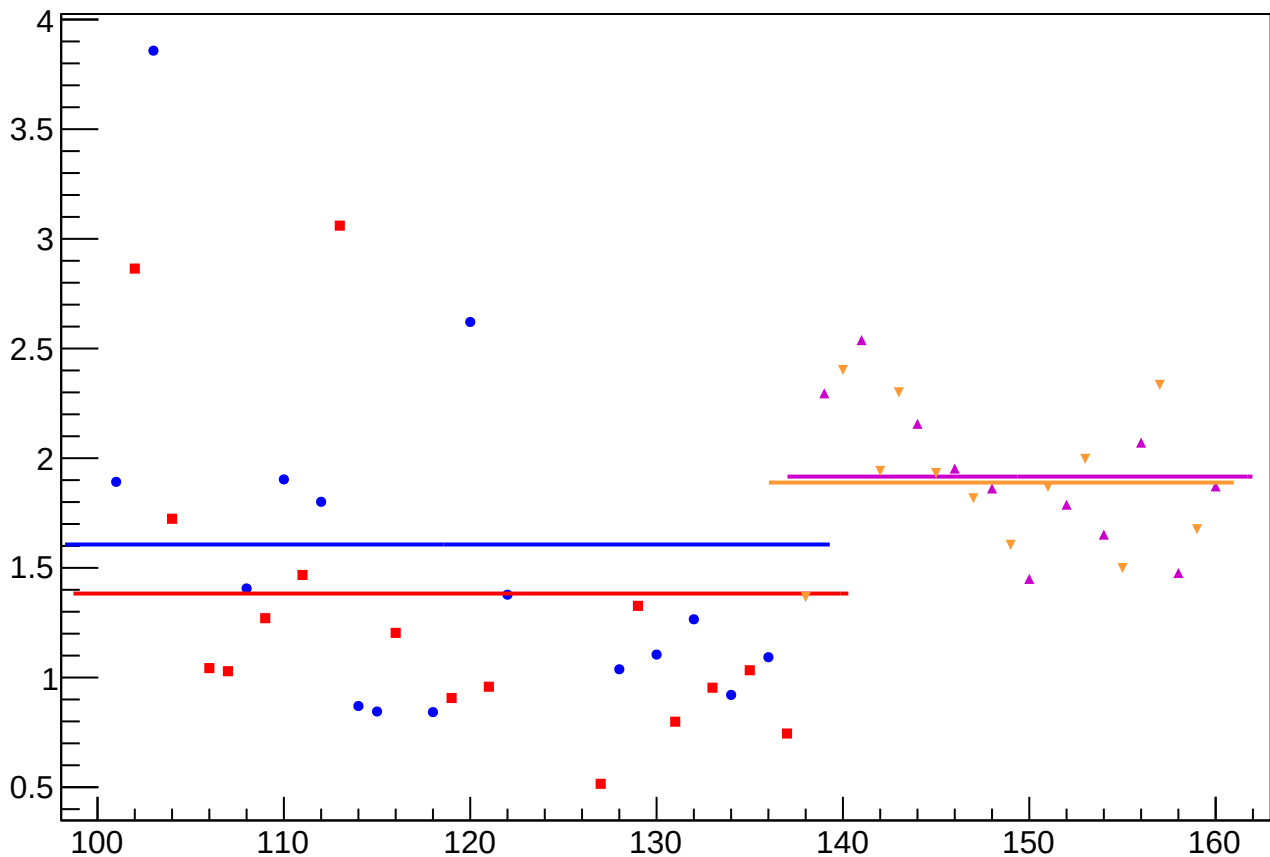
Left In: 4.308+/-0.000 χ^2/NDF : 7073495667694280351803168107003904.0/10

+ sign 3.589+/-0.000 χ^2/NDF : 84811787194063263

All: 3.682+/-0.000 χ^2/NDF : 21150064748618

- sign 3.773+/-0.000 χ^2/NDF : 12642039557663055

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF : 460949628640148184181205735833600.0/14

Left Out: 1.889+/-0.000 χ^2/NDF : 94097326064066188177587241484288.0/11

Right Out: 1.383+/-0.000 χ^2/NDF : 358348897016286200957650337792000.0/15

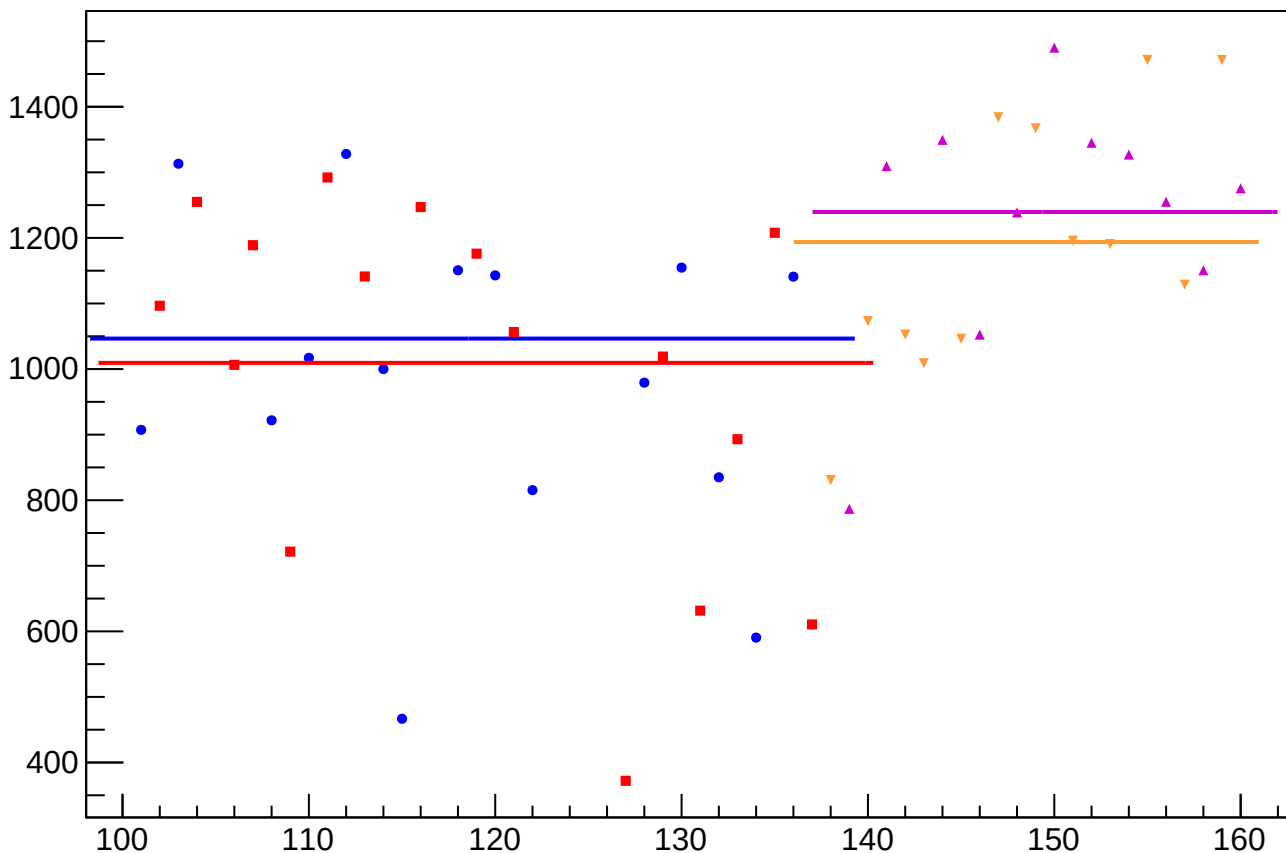
Left In: 1.916+/-0.000 χ^2/NDF : 95276515809016209875699691945984.0/10

+ sign 1.772+/-0.000 χ^2/NDF : 58529175260763022

All: 1.732+/-0.000 χ^2/NDF : 11539749951204

- sign 1.693+/-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

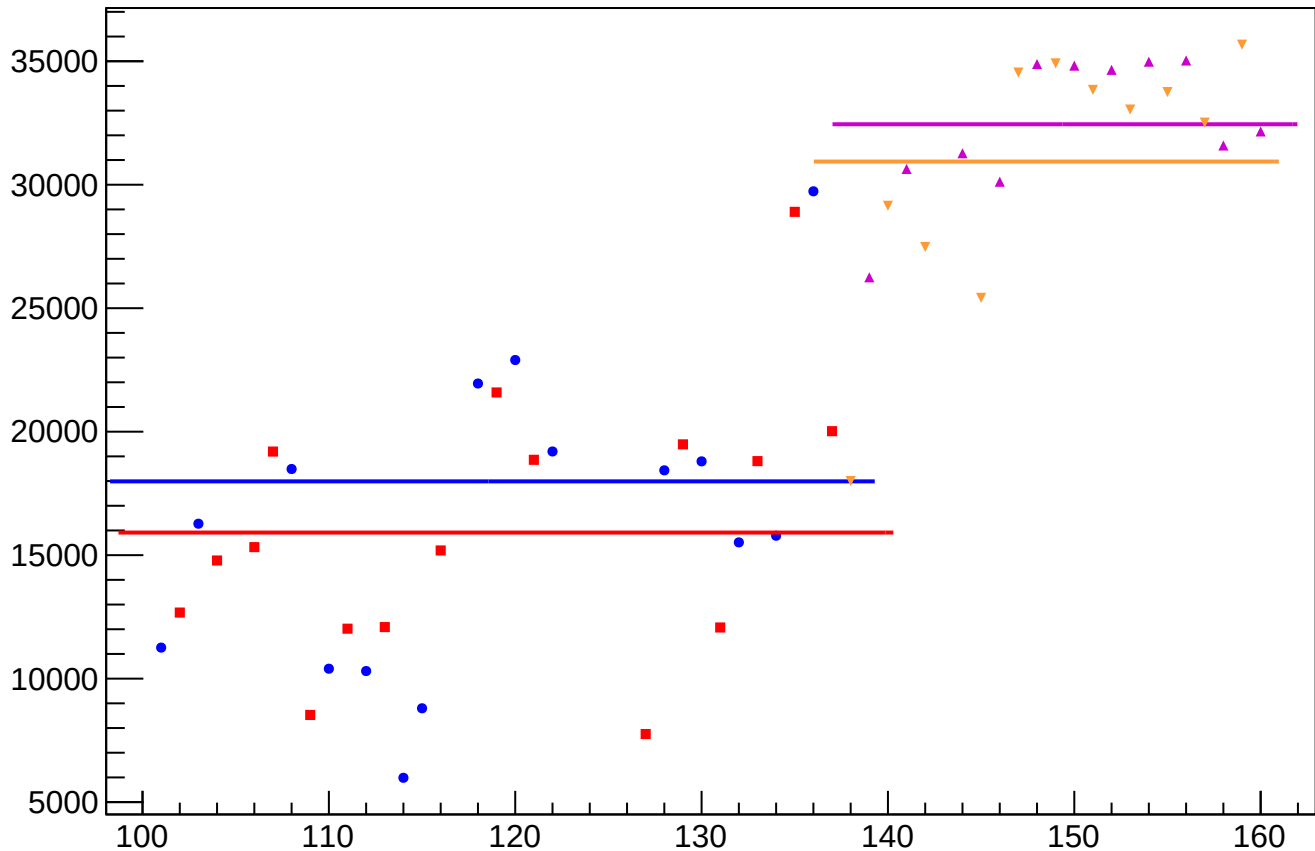
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

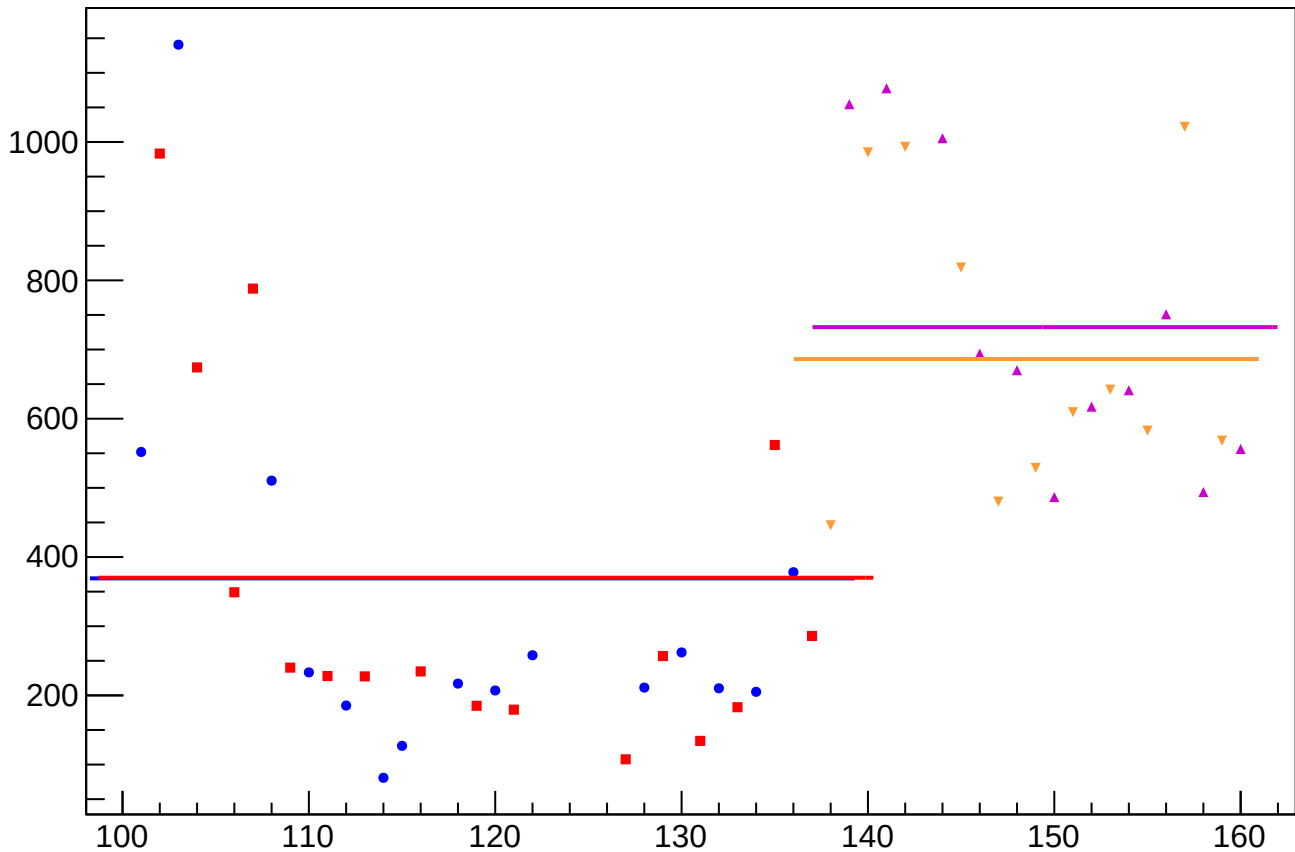
dit_usl_coil1_mean vs Slug



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

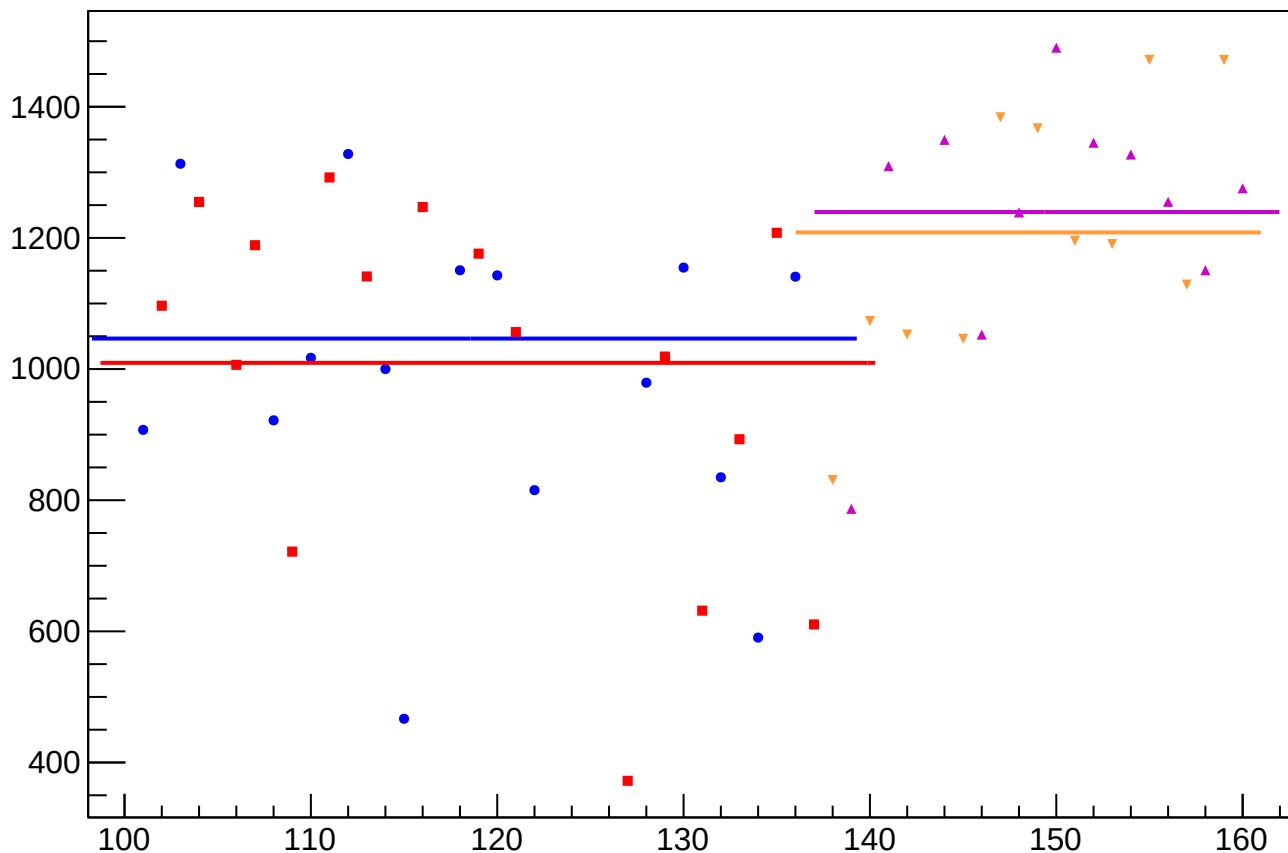
All: 565.091+/-0.000 χ^2/NDF : 259202401082

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

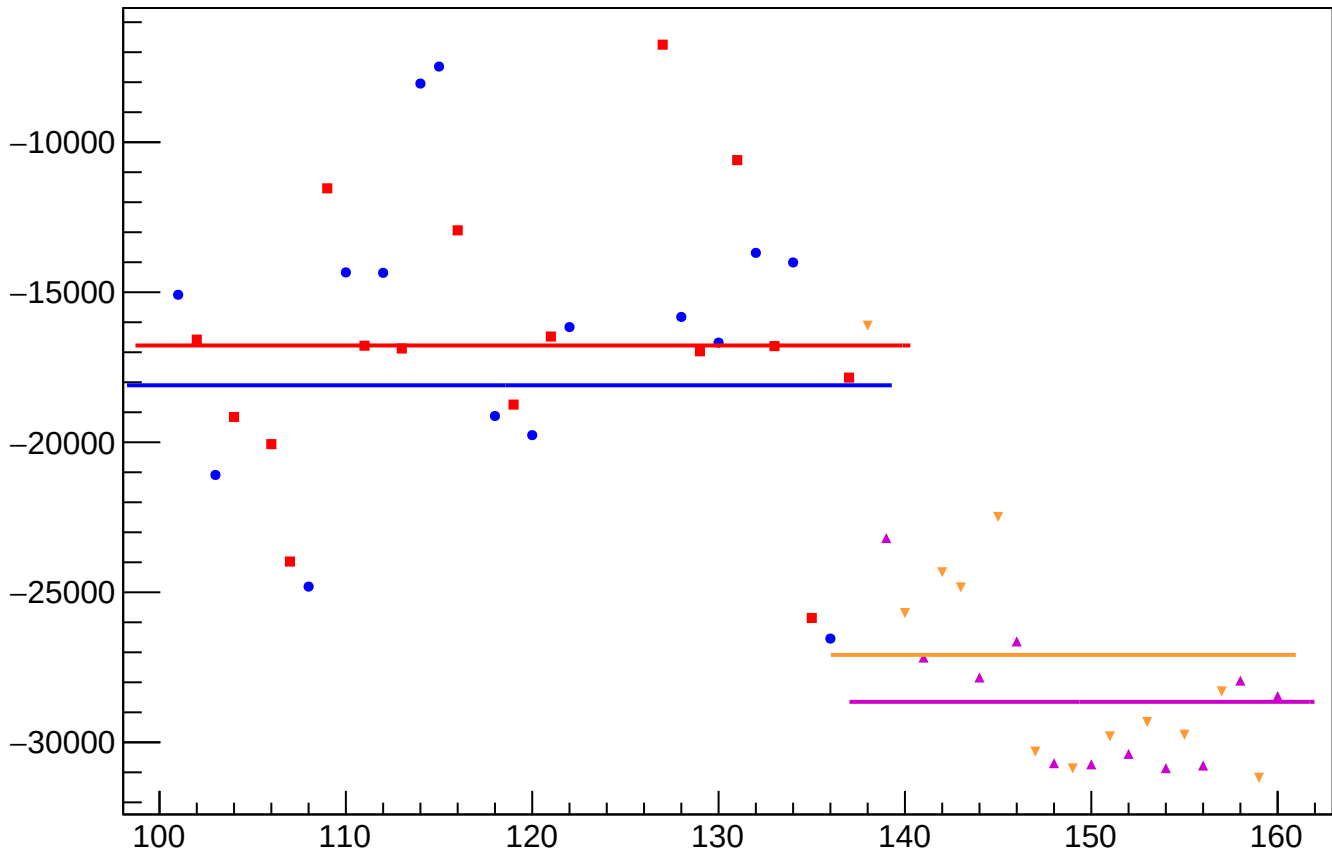
Left Out: 1208.342+/-0.000 χ^2/NDF : 31920270949065456215955115636701528064.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

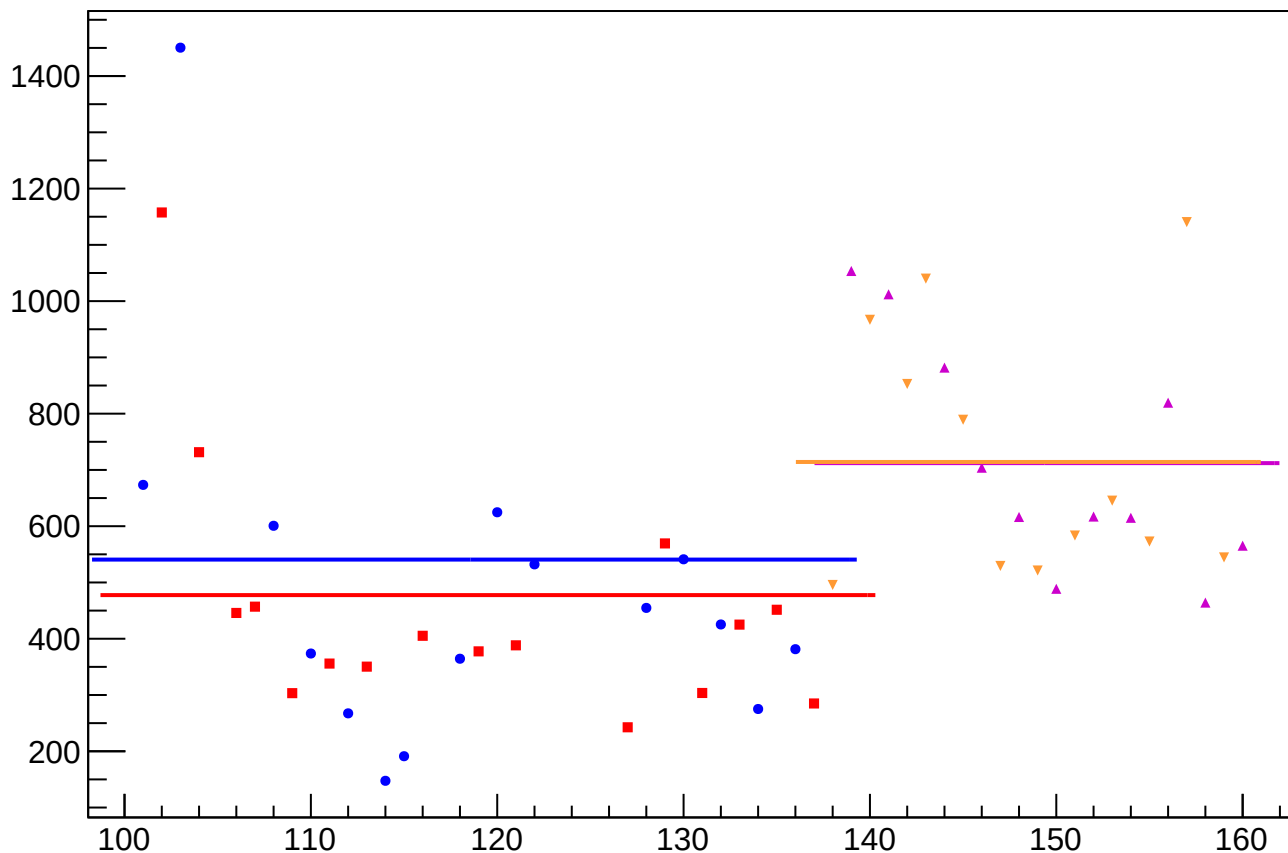
All: 1140.682+/-0.000 χ^2/NDF : 16066171729

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

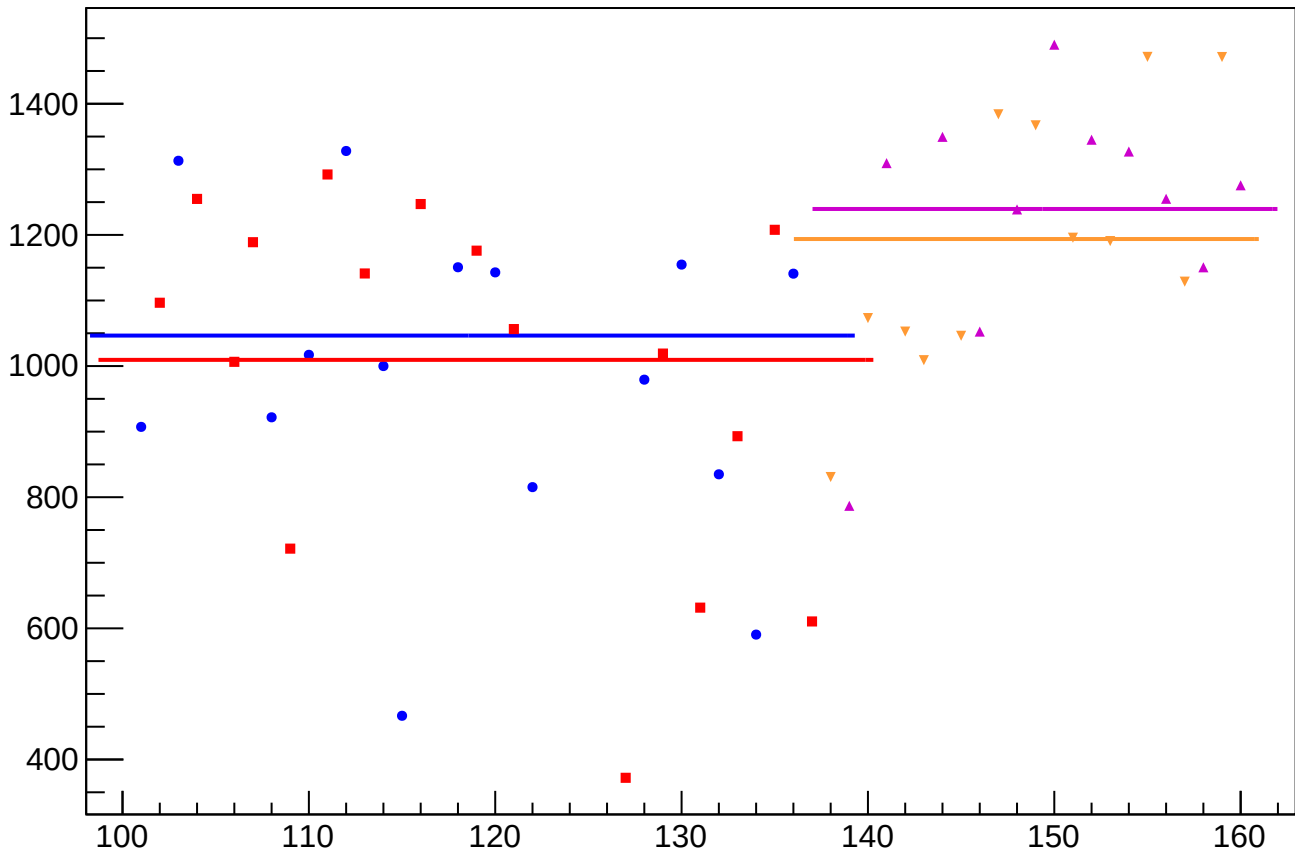
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

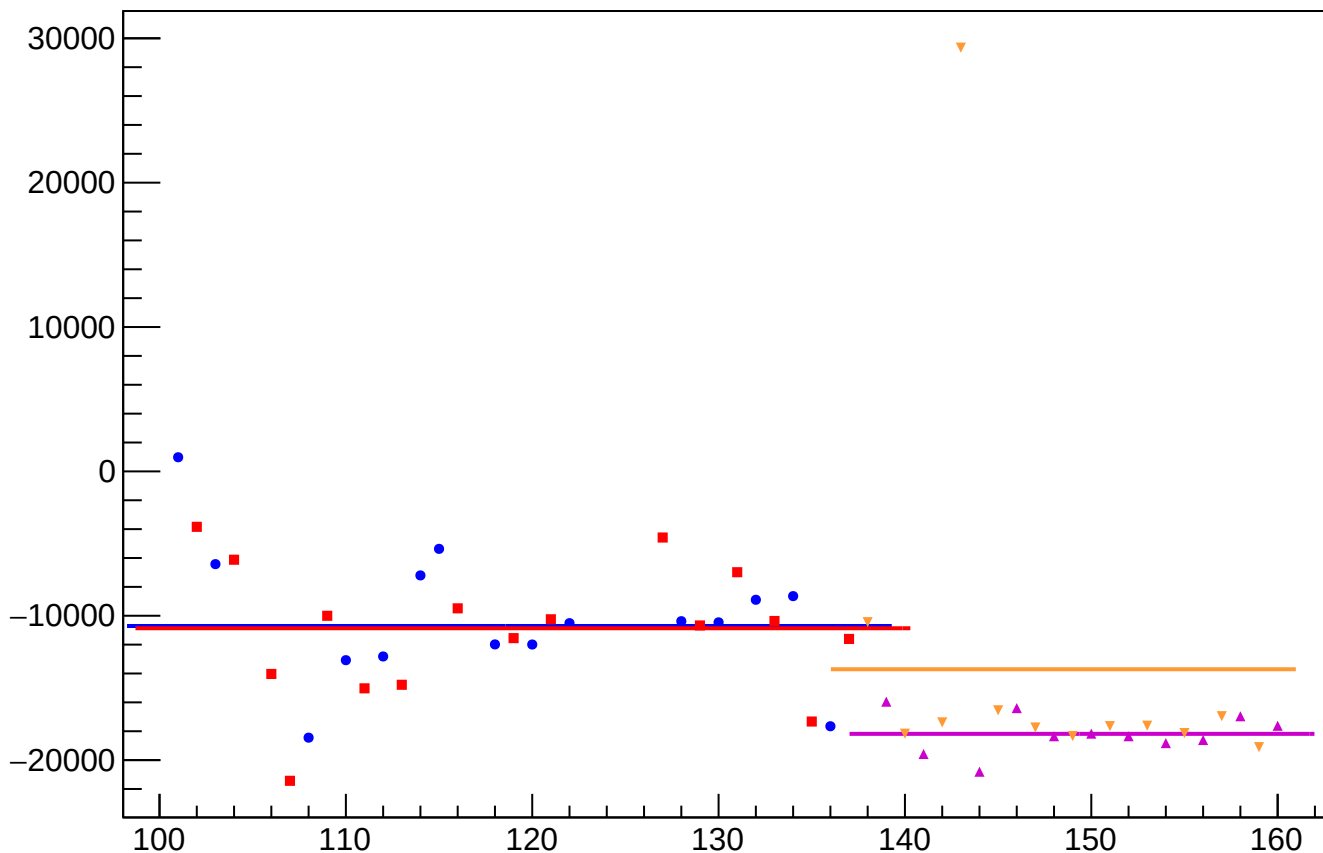
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 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

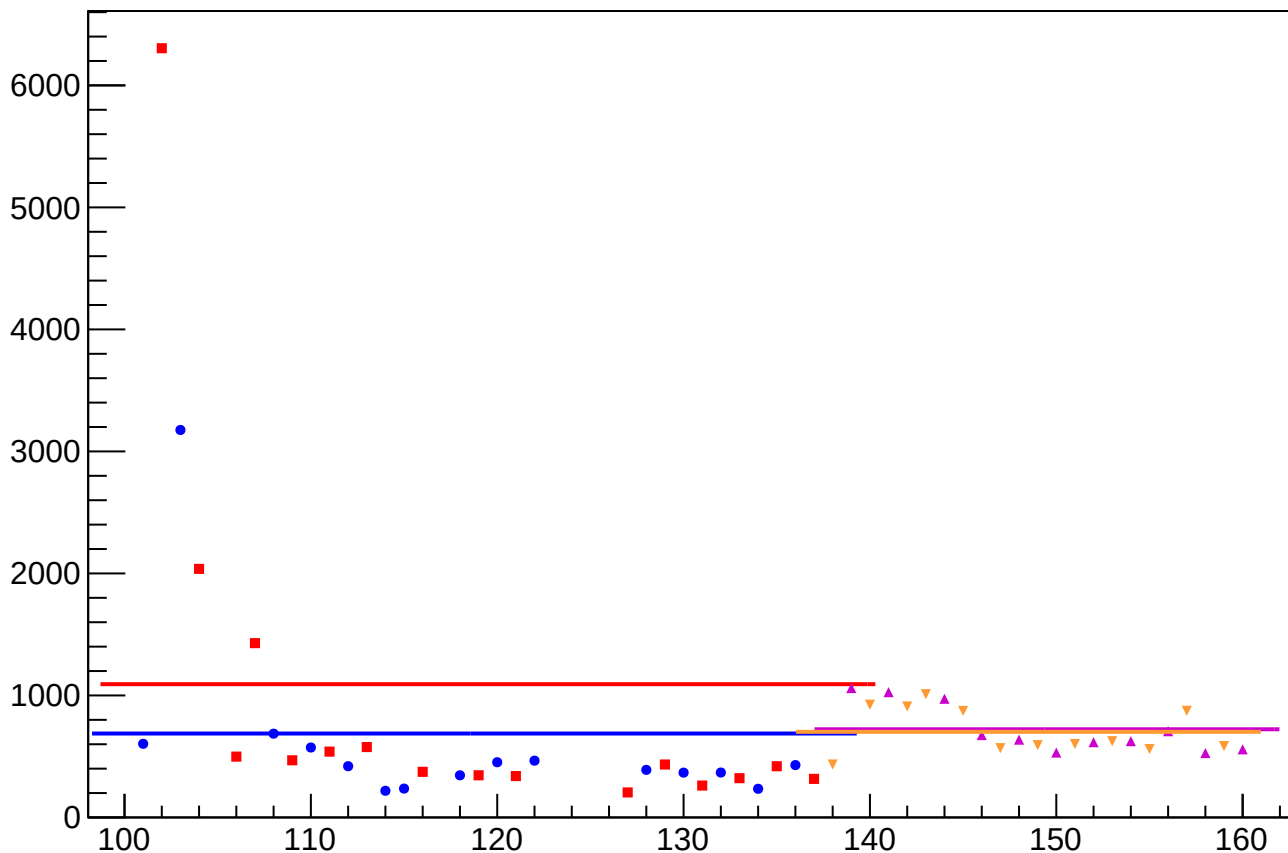
dit_atl1_coil1_mean vs Slug



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

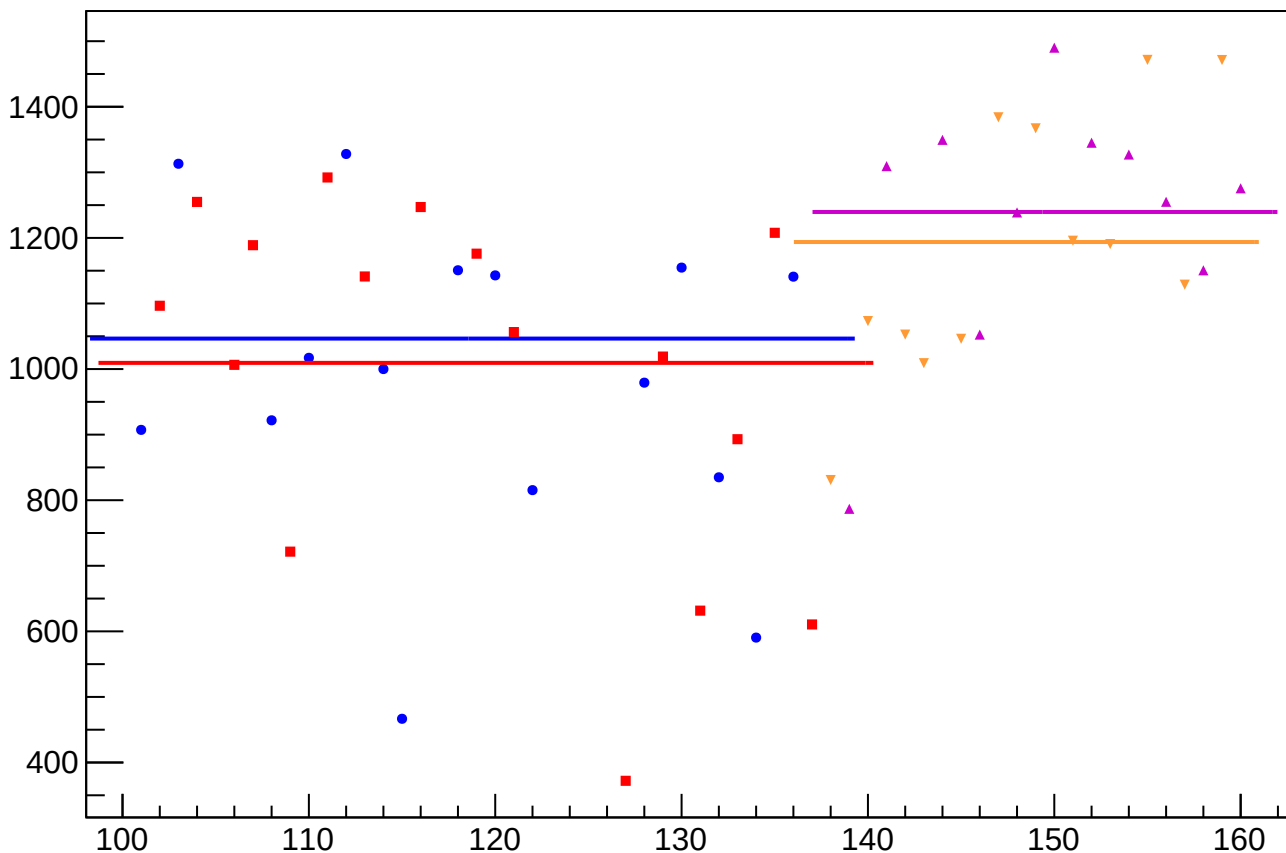
+ sign -12461.801+/-0.000 χ^2/NDF : 158576463536
 All: -13800.033+/-0.000 χ^2/NDF : 200733129
 - sign -15114.713+/-0.000 χ^2/NDF : 3660768844081

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

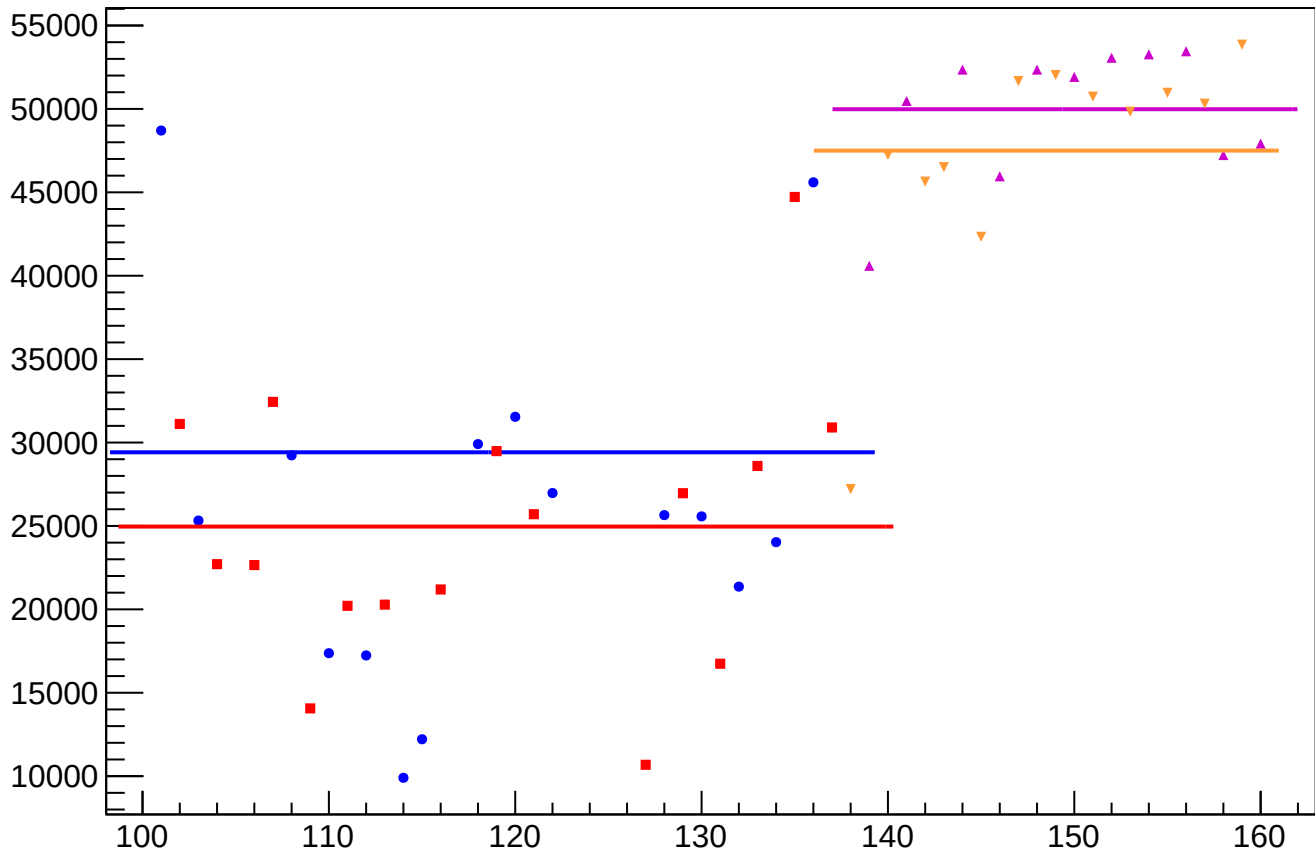
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

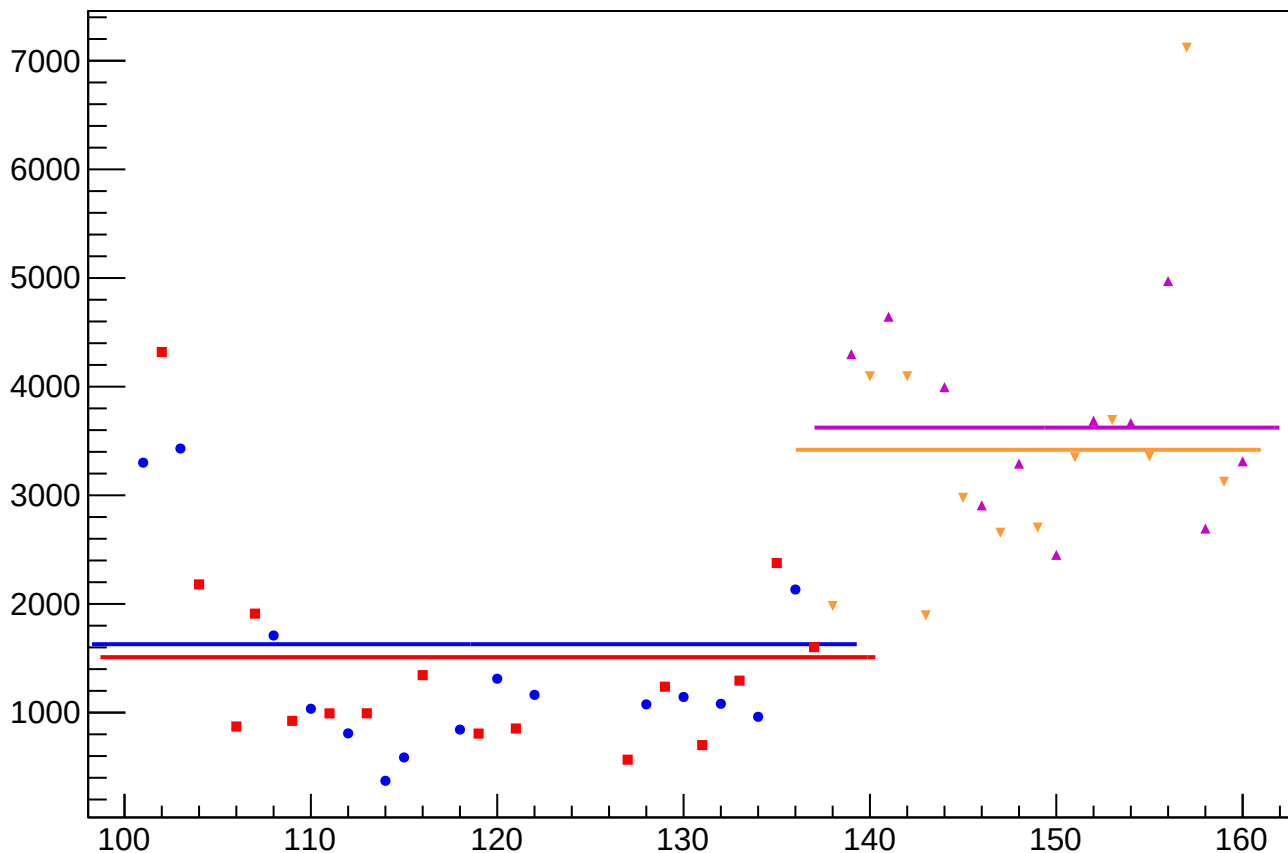
dit_atl2_coil1_mean vs Slug



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

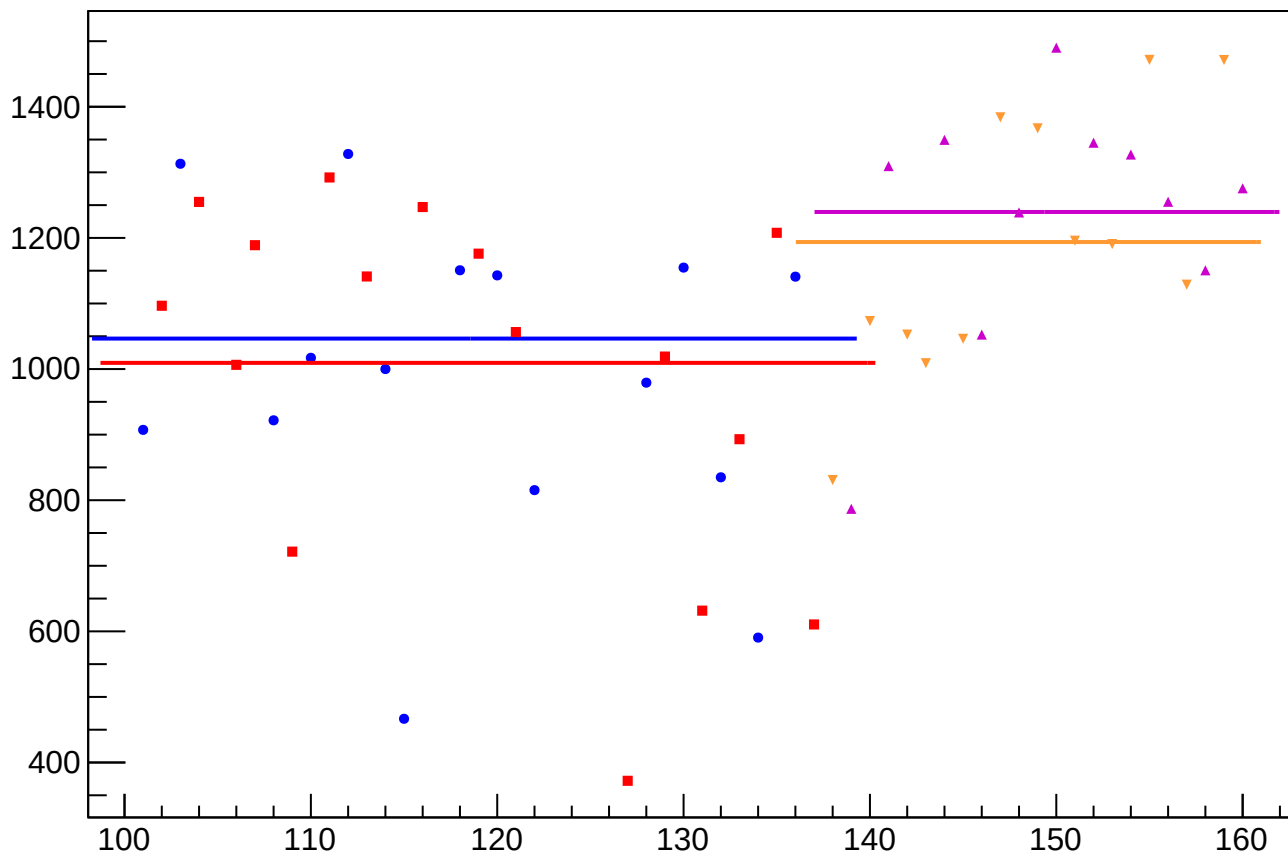
dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14
Left Out: 3418.927+/-0.000	χ^2/NDF : 1575515144069936231955966928879934767104.0/11
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10

+ sign 2675.926+/-0.000 χ^2/NDF : 33424300848042
 All: 2706.904+/-0.000 χ^2/NDF : 63005491565
 - sign 2737.338+/-0.000 χ^2/NDF : 29551454832887

dit_atl2_coil1_Ndata_mean vs Slug



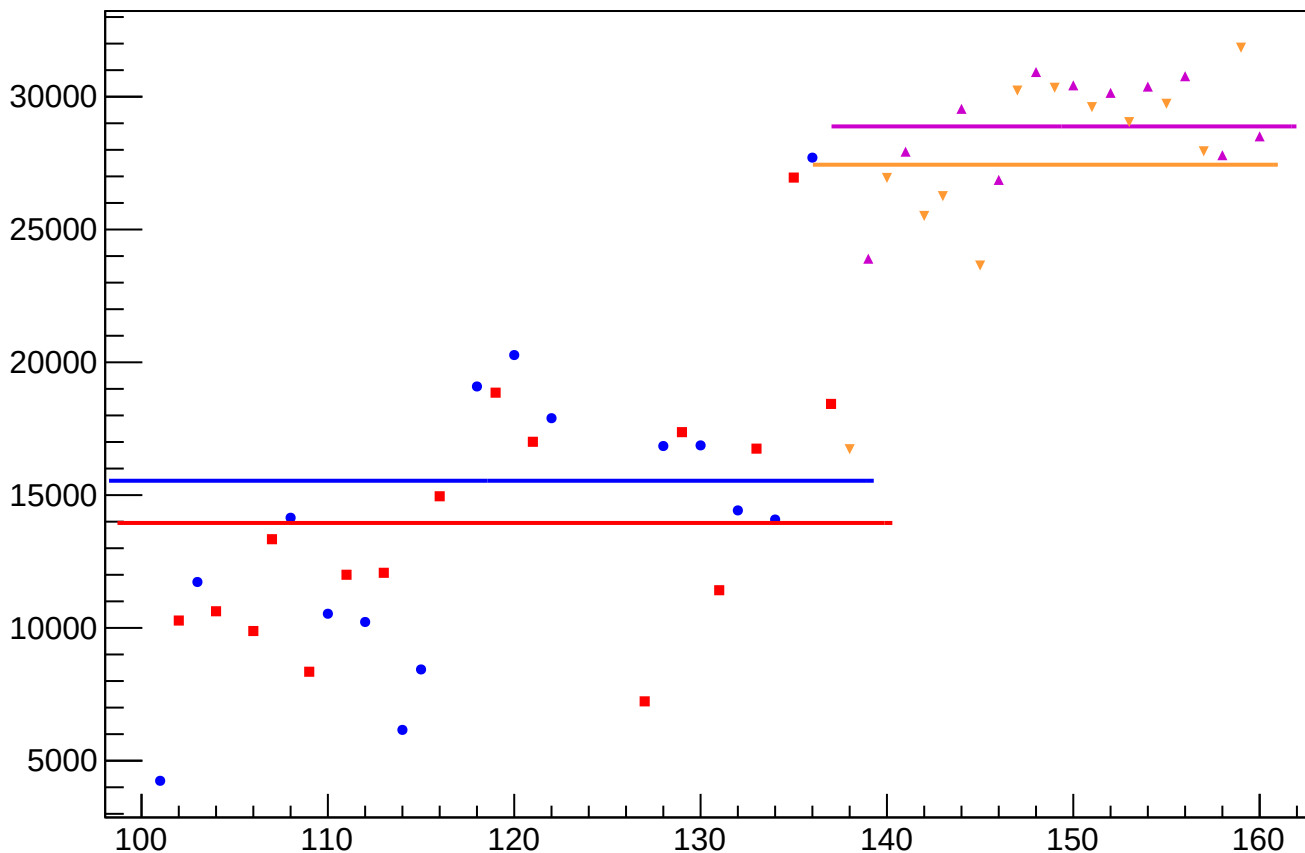
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

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

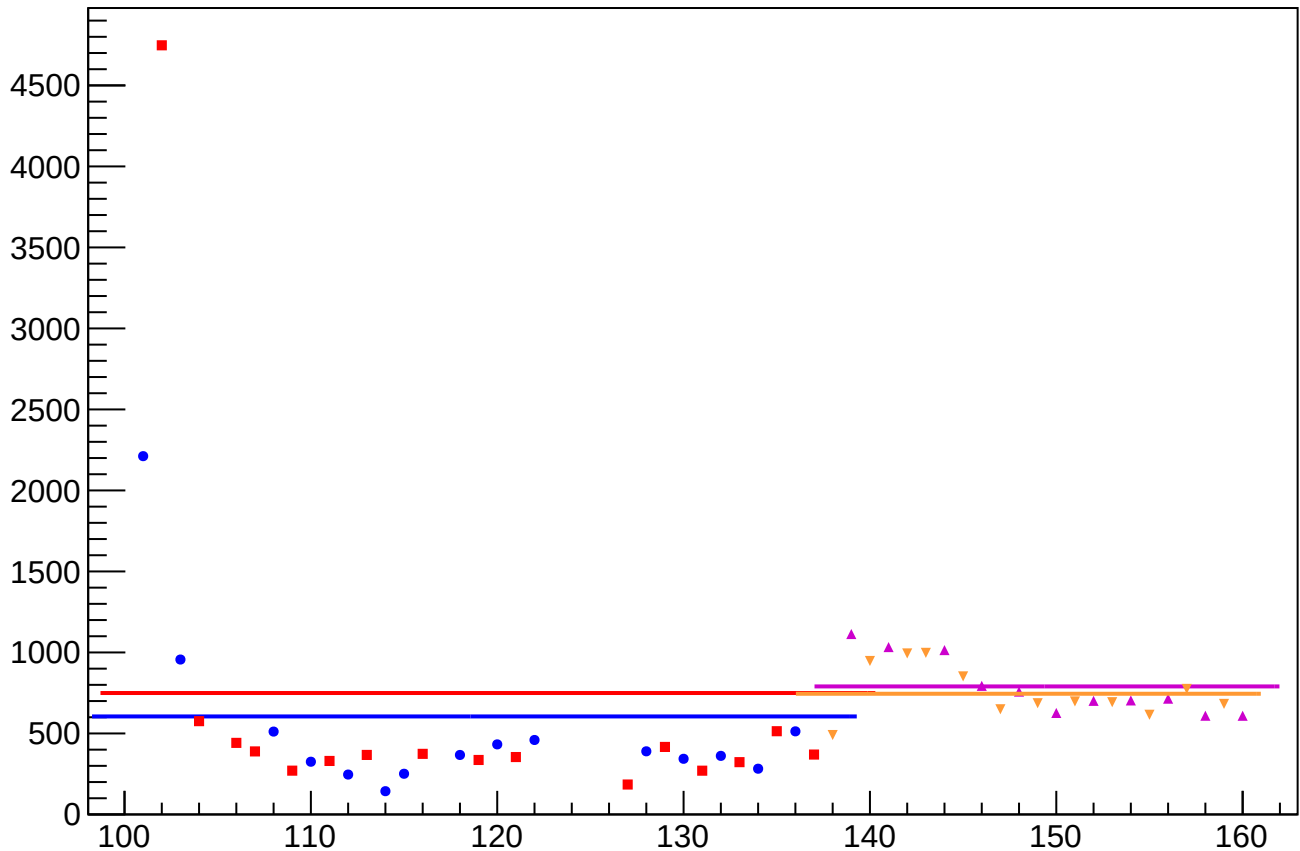
dit_atr1_coil1_mean vs Slug



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

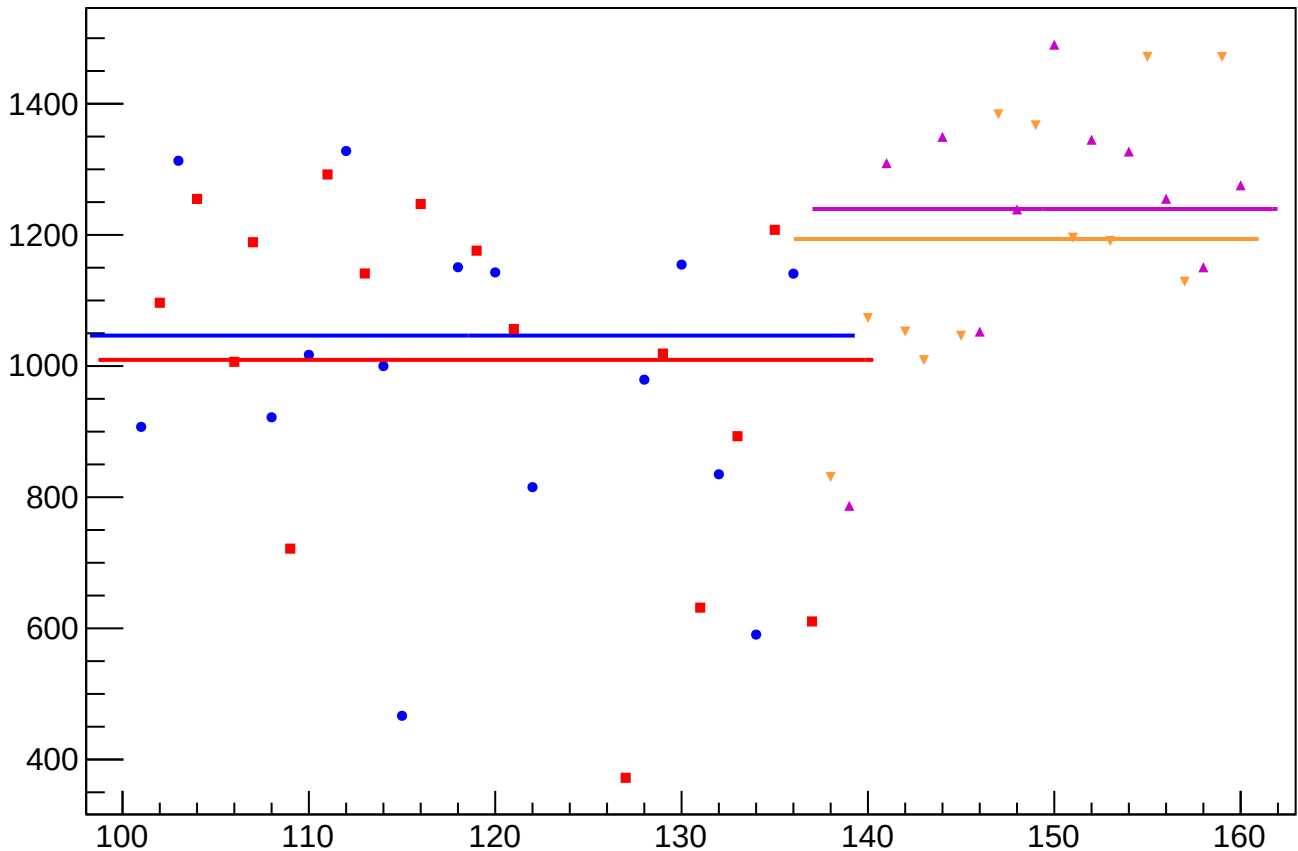
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

All: 730.430+/-0.000 χ^2/NDF : 127166116576

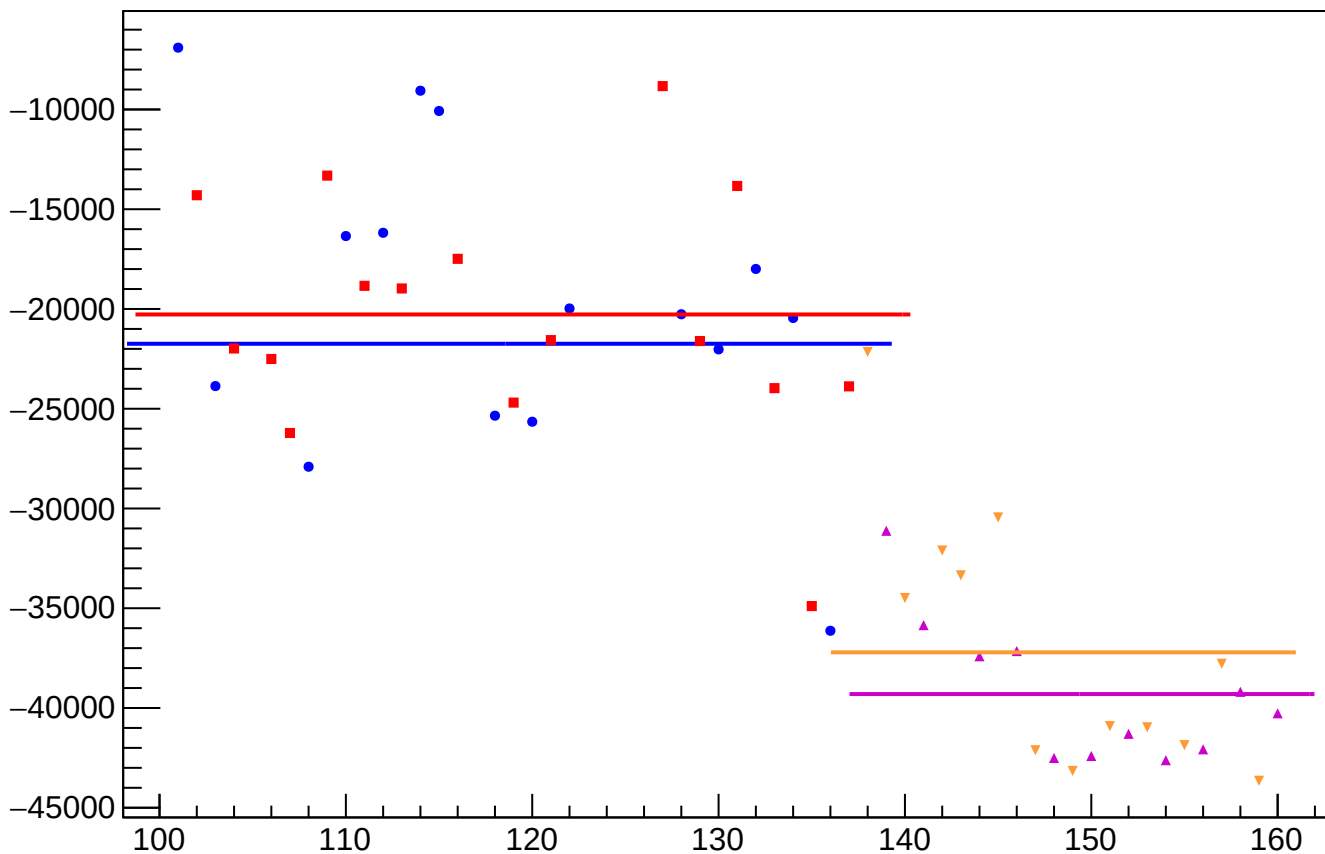
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



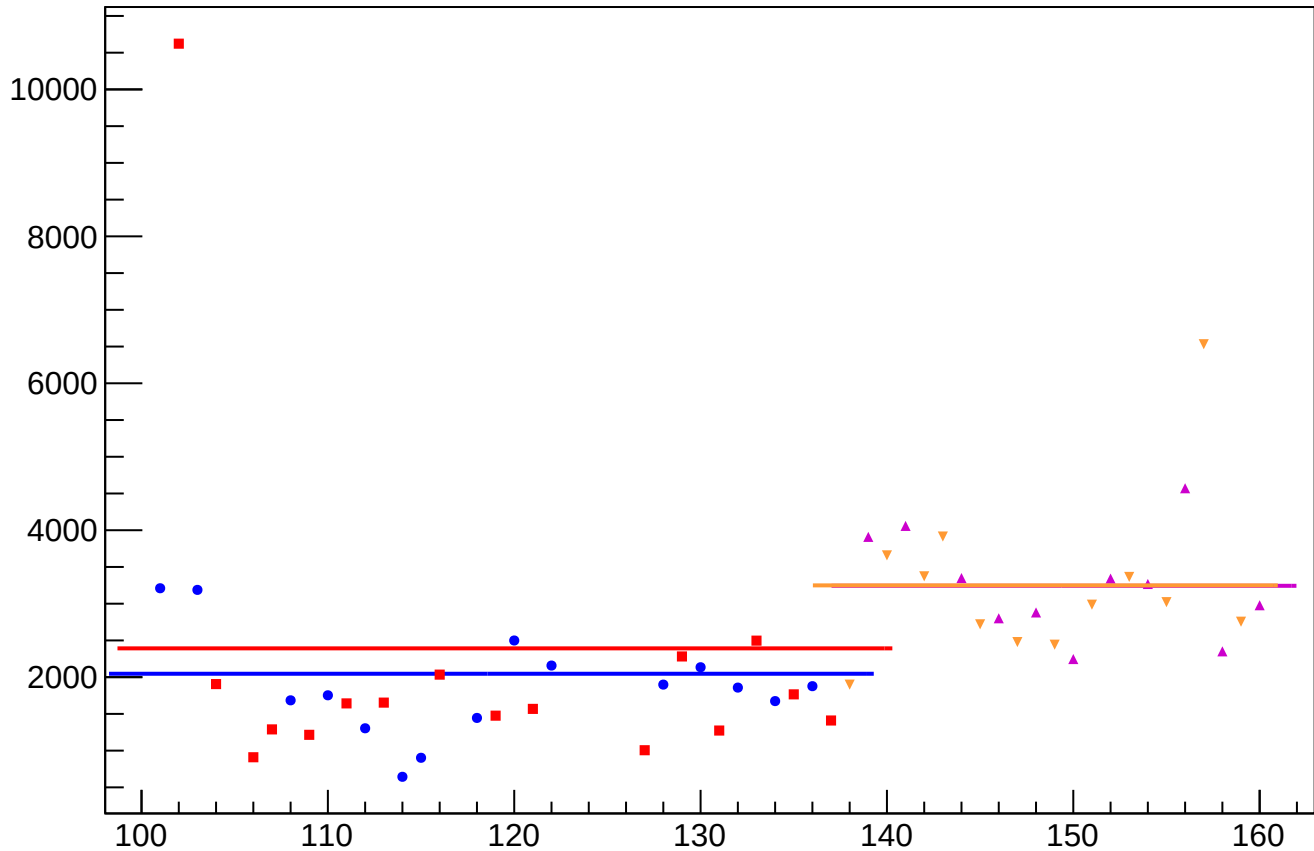
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



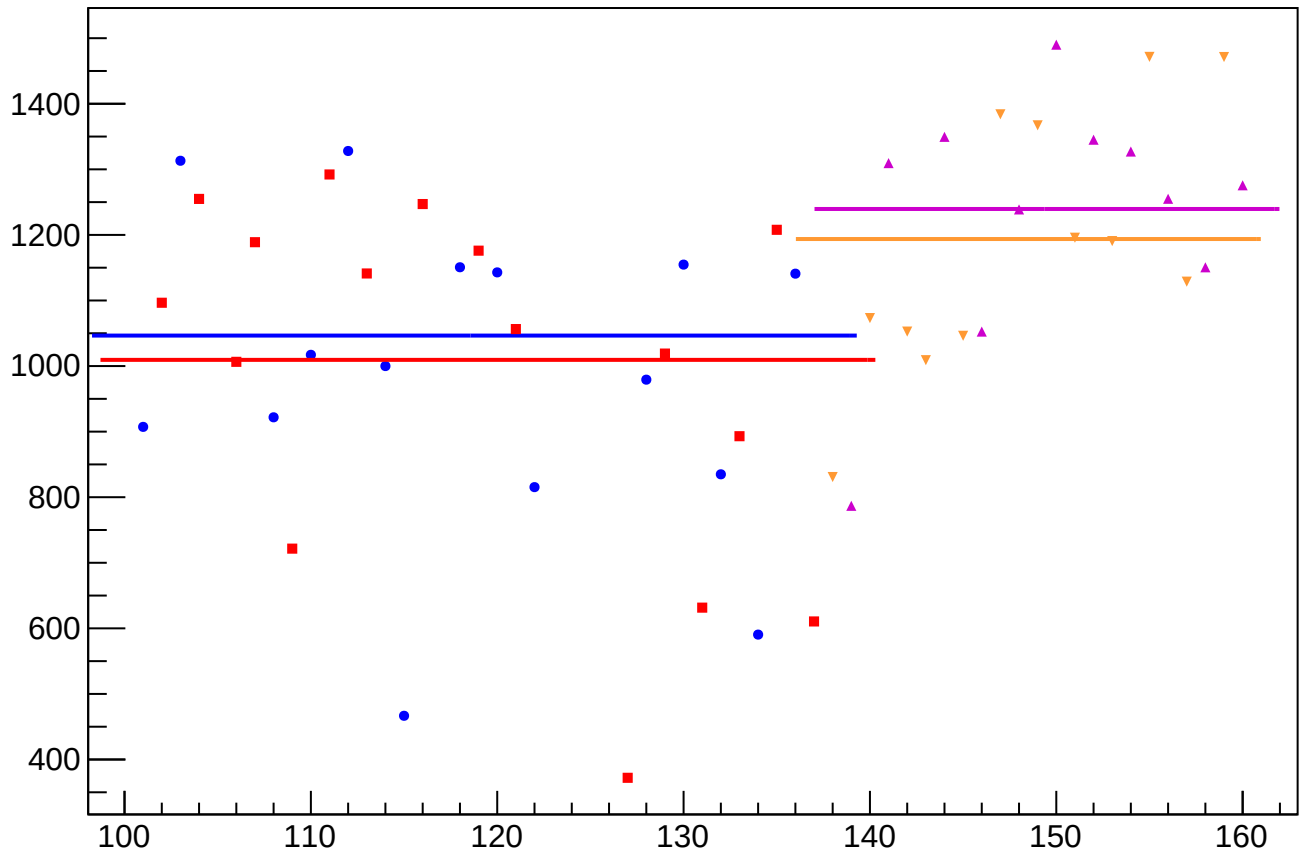
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37210.761+/-0.000 χ^2/NDF : 36234813568101266501920845904945520574464.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



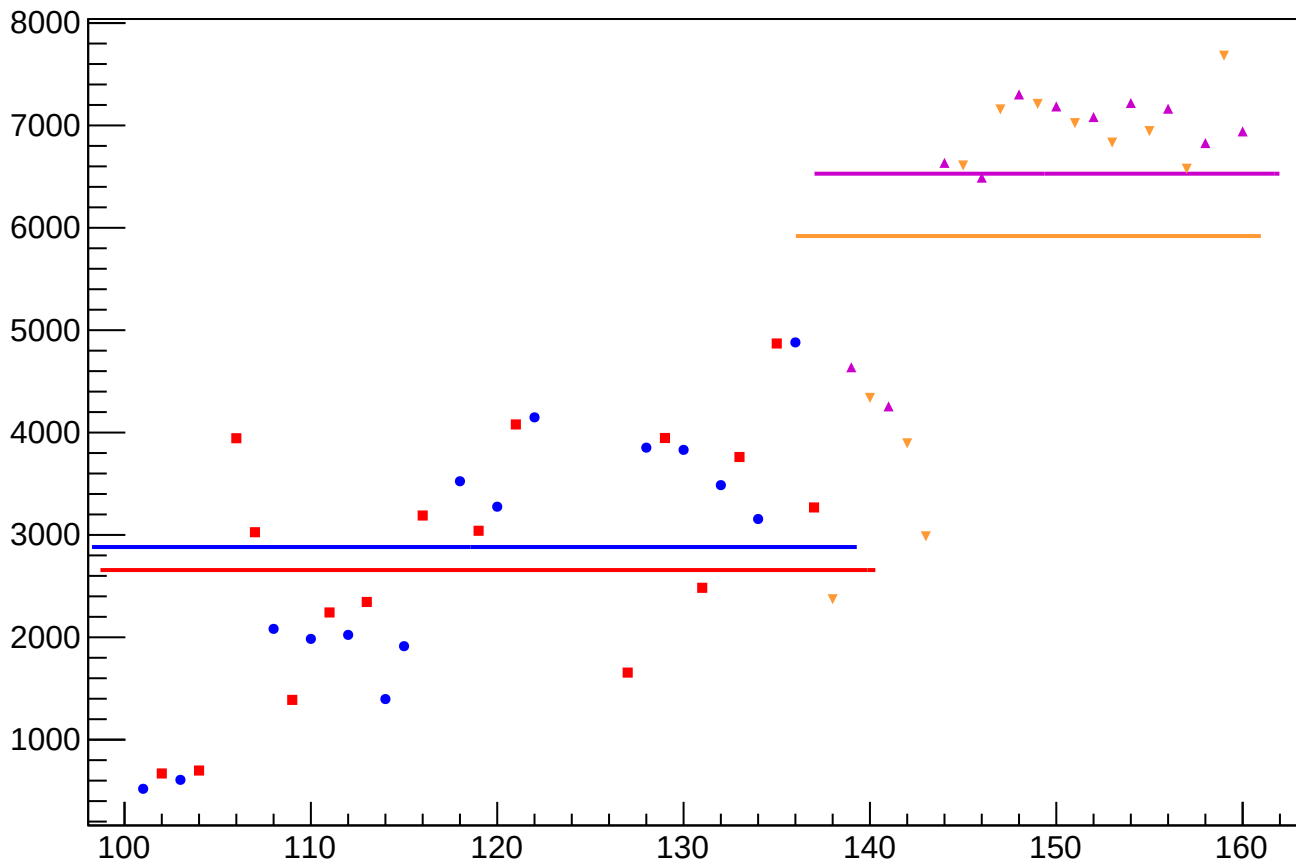
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- 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



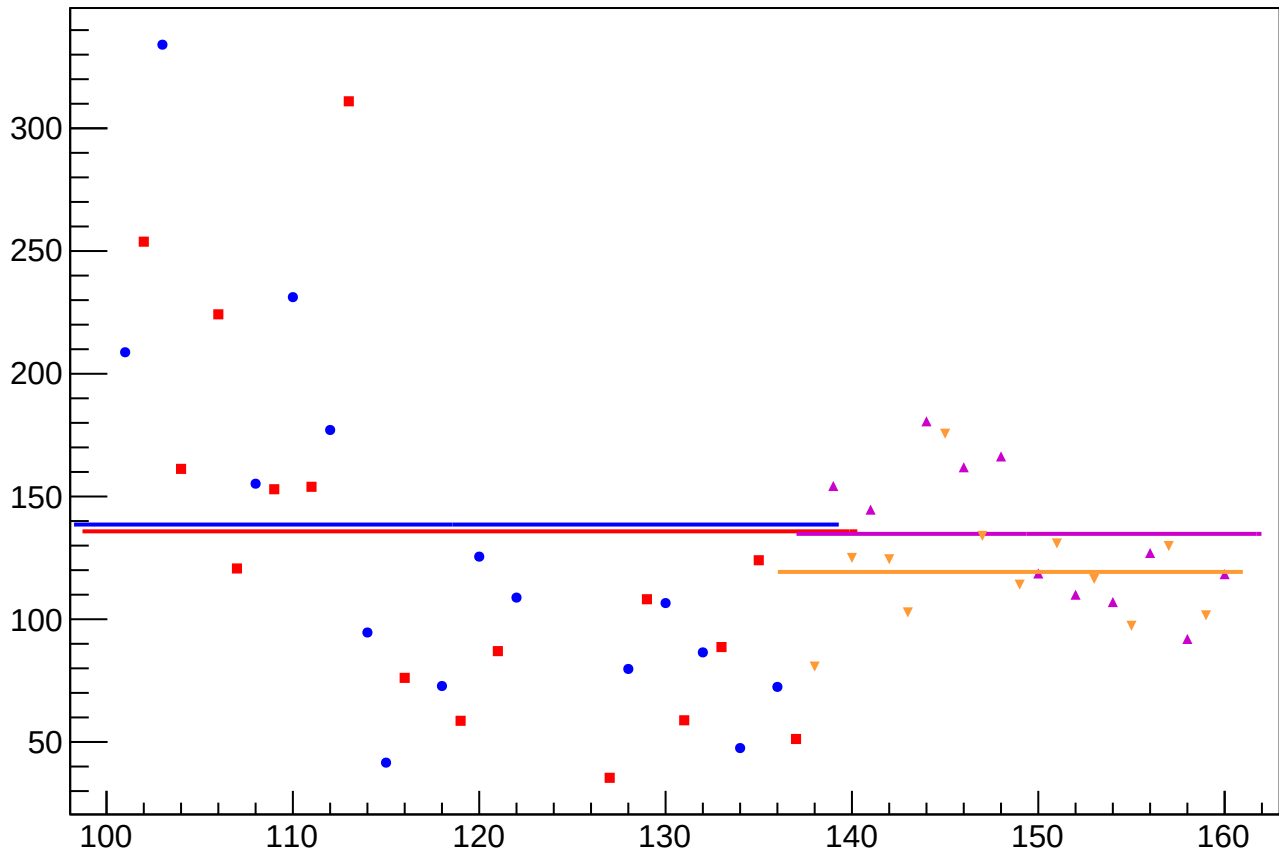
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



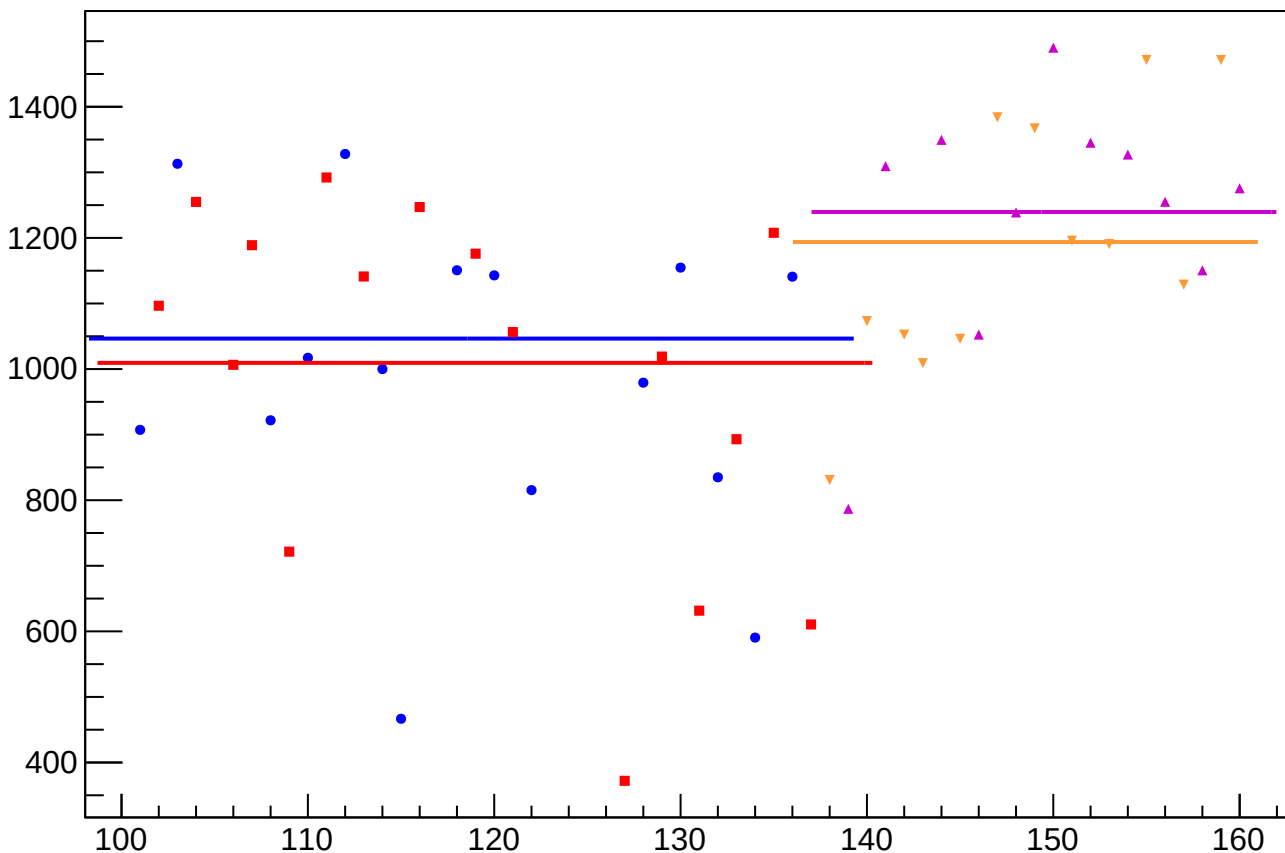
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5919.511+/-0.000 χ^2/NDF : 2779072700024845827027981240176985767936.0/11
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6528.681+/-0.000 χ^2/NDF : 940619832290547661204641528694924378112.0/10

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



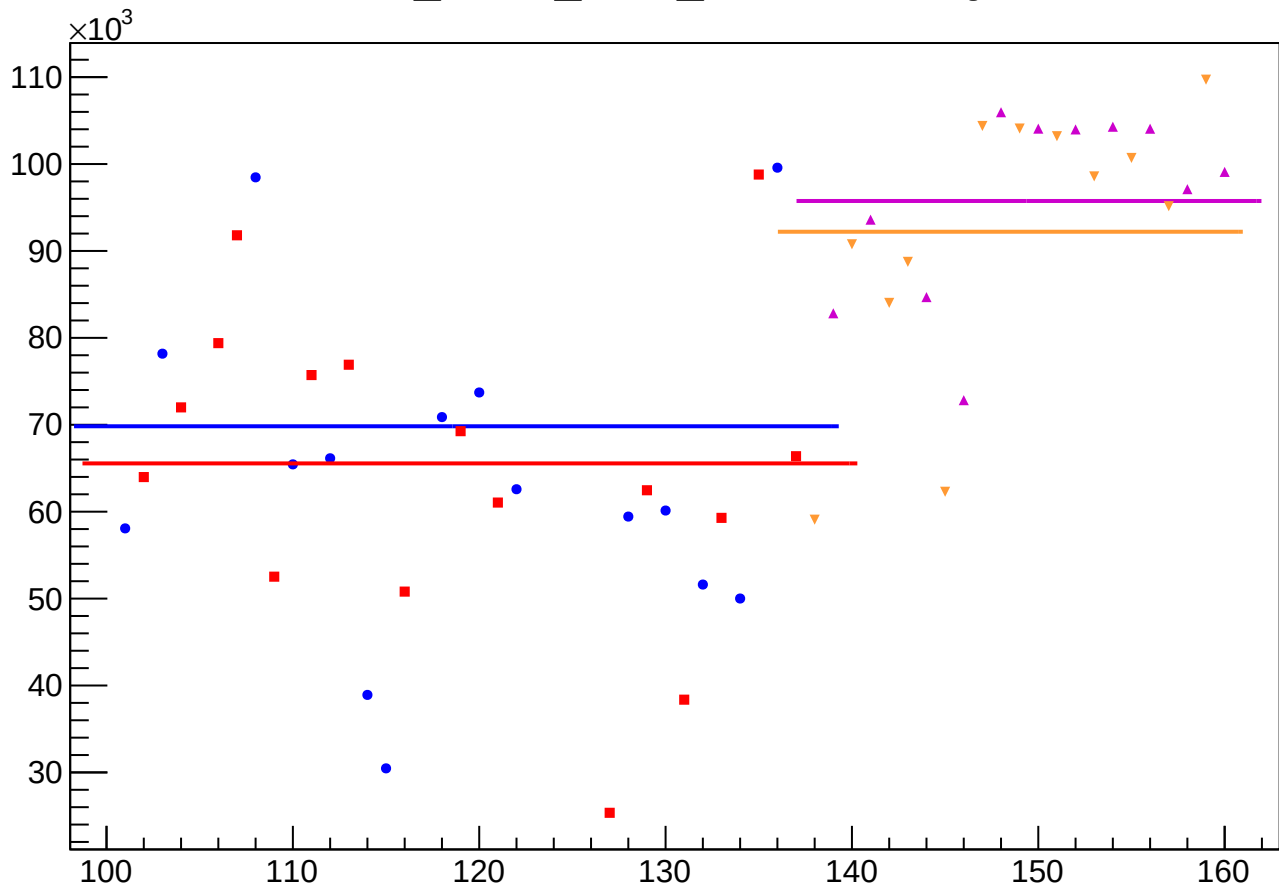
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

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

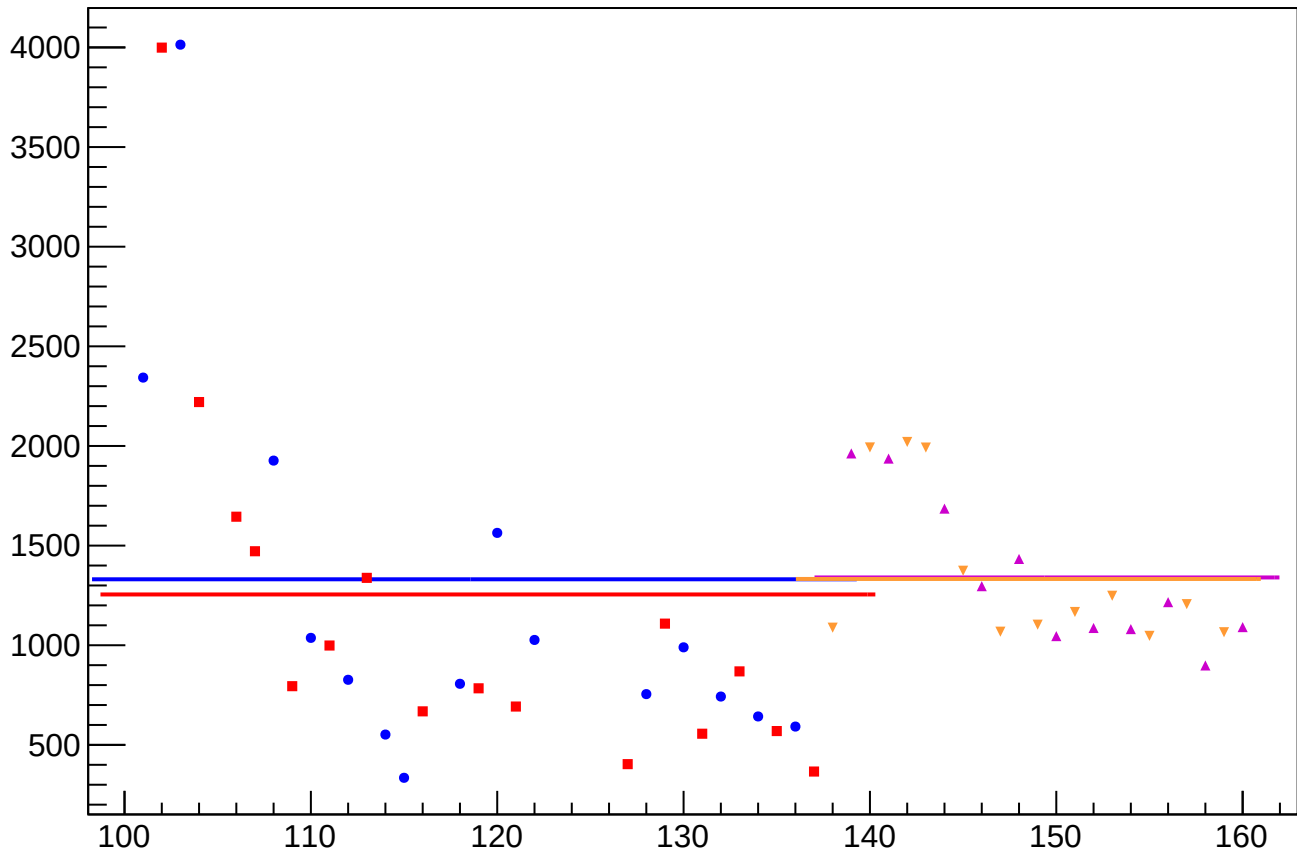
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
Left Out: 92210.698 $\pm$ 0.000	χ^2 /NDF: 226577476657807585202083767685360289579008.0/11
Right Out: 65555.147 $\pm$ 0.000	χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
Left In: 95749.411 $\pm$ 0.000	χ^2 /NDF: 102376761881530271427340284738693826084864.0/10

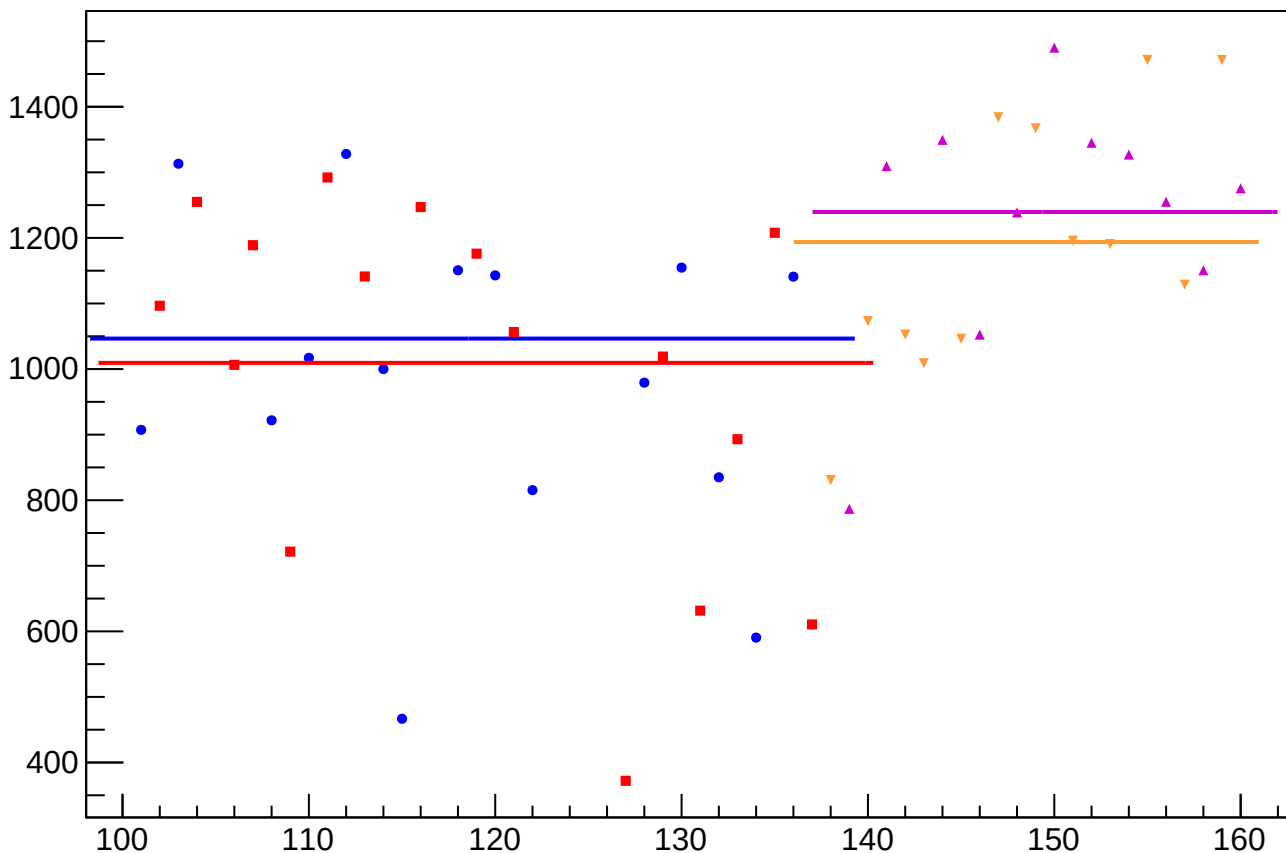
+ sign 82916.711 $\pm$ 0.000 χ^2 /NDF: 6045168976255
 All: 83004.616 $\pm$ 0.000 χ^2 /NDF: 1272083143
 - sign 83090.974 $\pm$ 0.000 χ^2 /NDF: 6675423024903

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

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

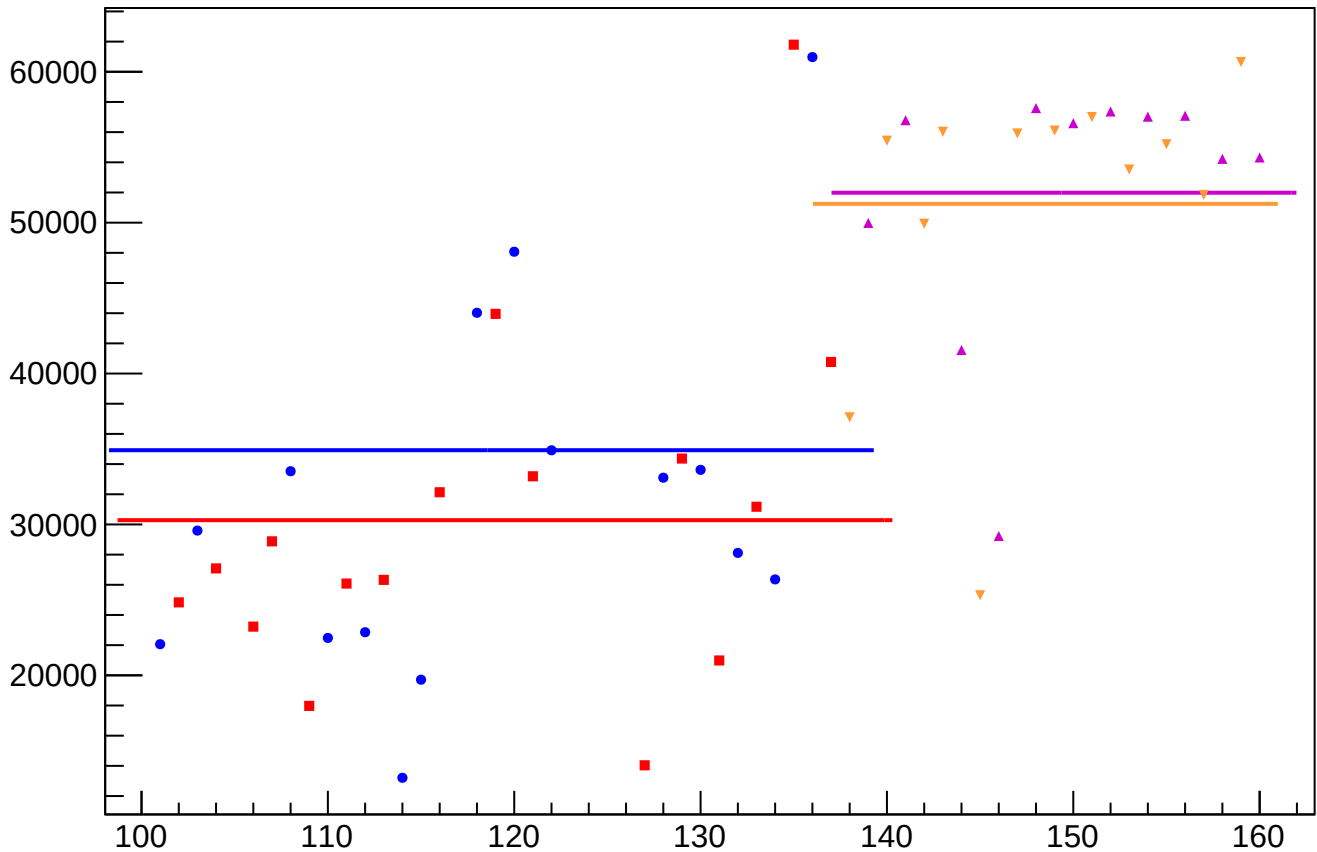
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

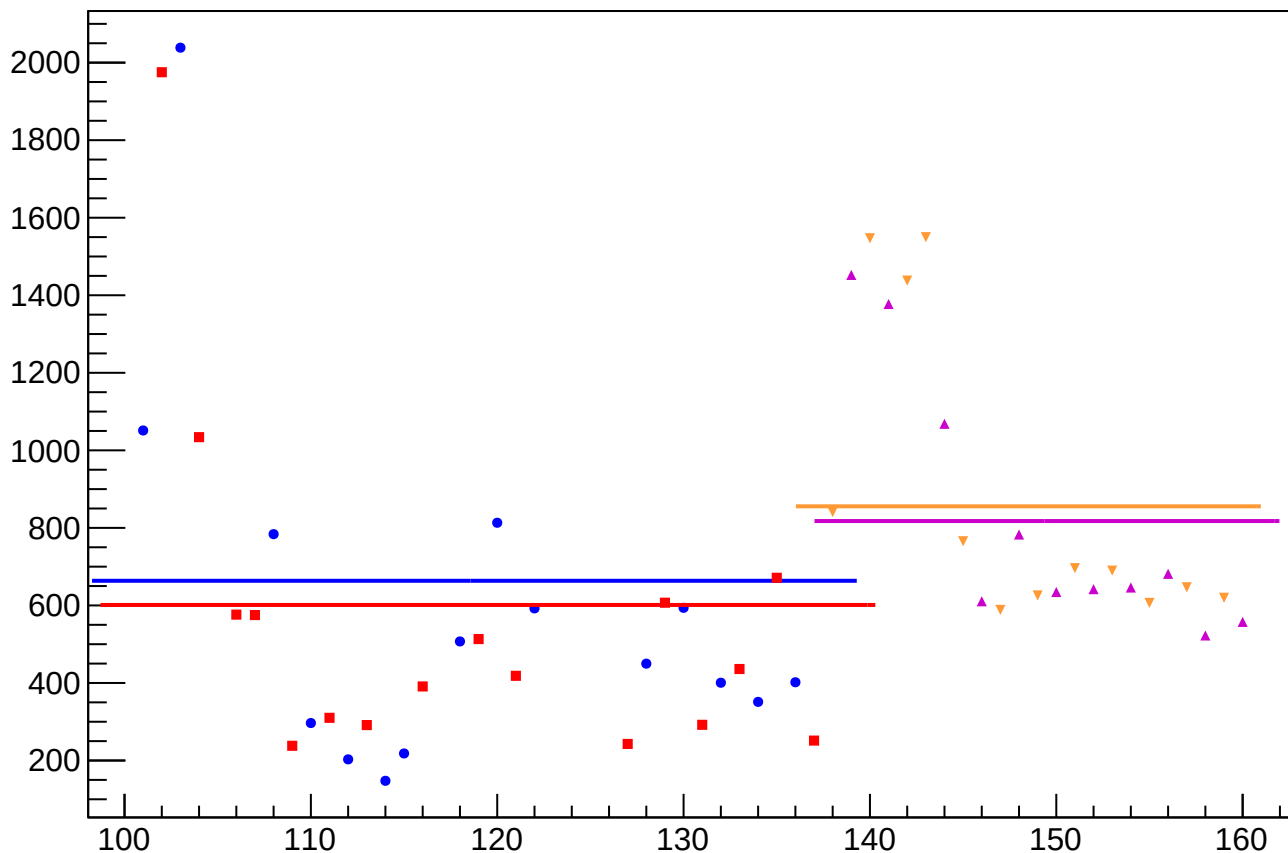
- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

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

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

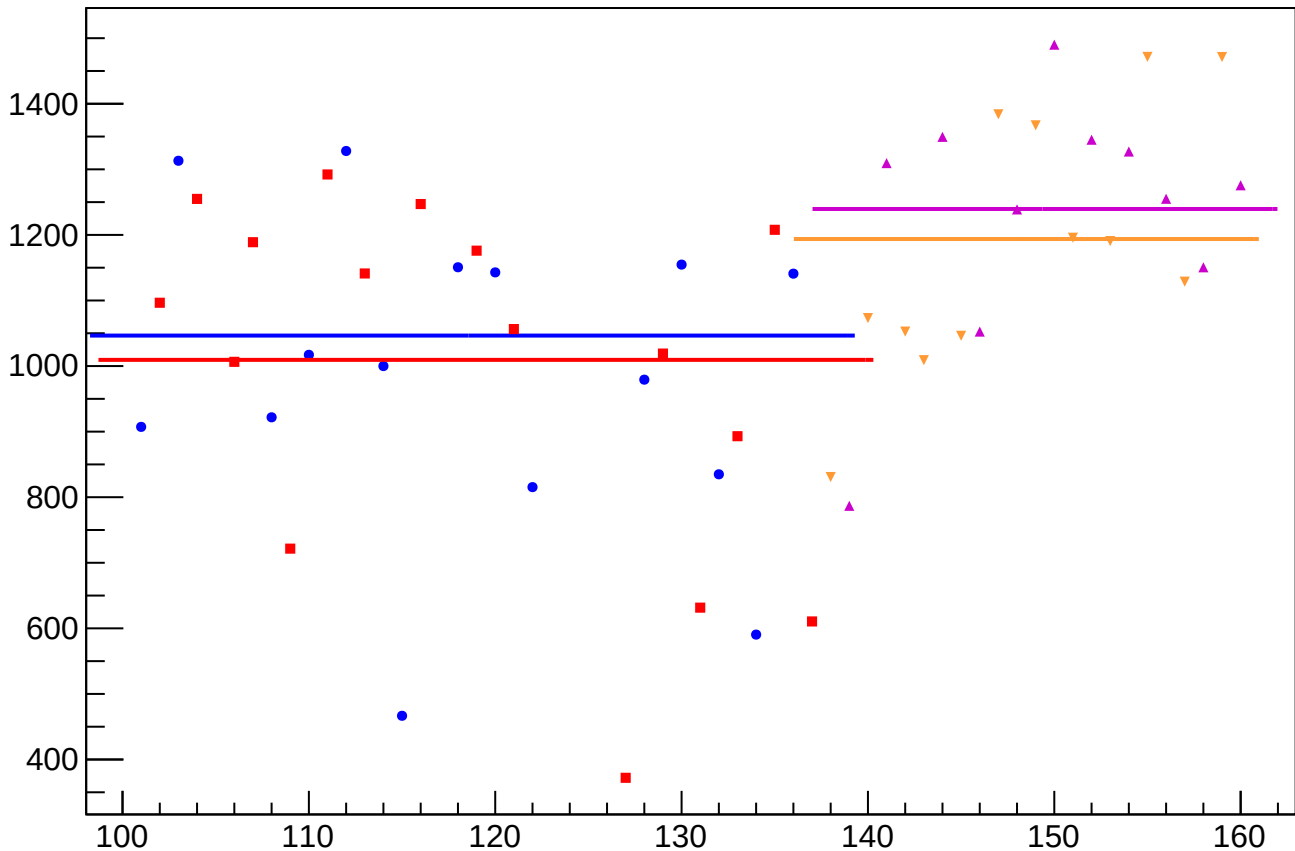
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

All: 751.182+/-0.000 χ^2/NDF : 546770040595

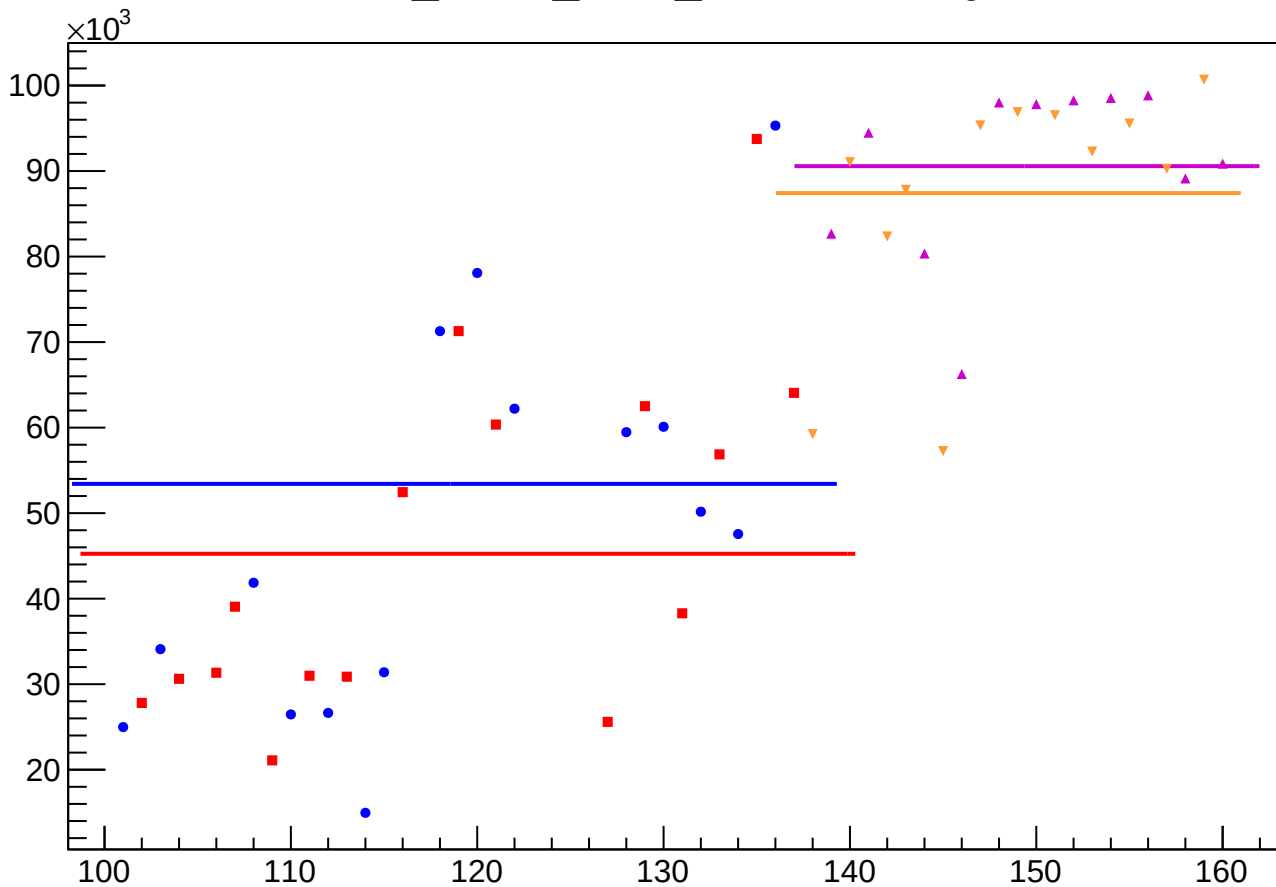
- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



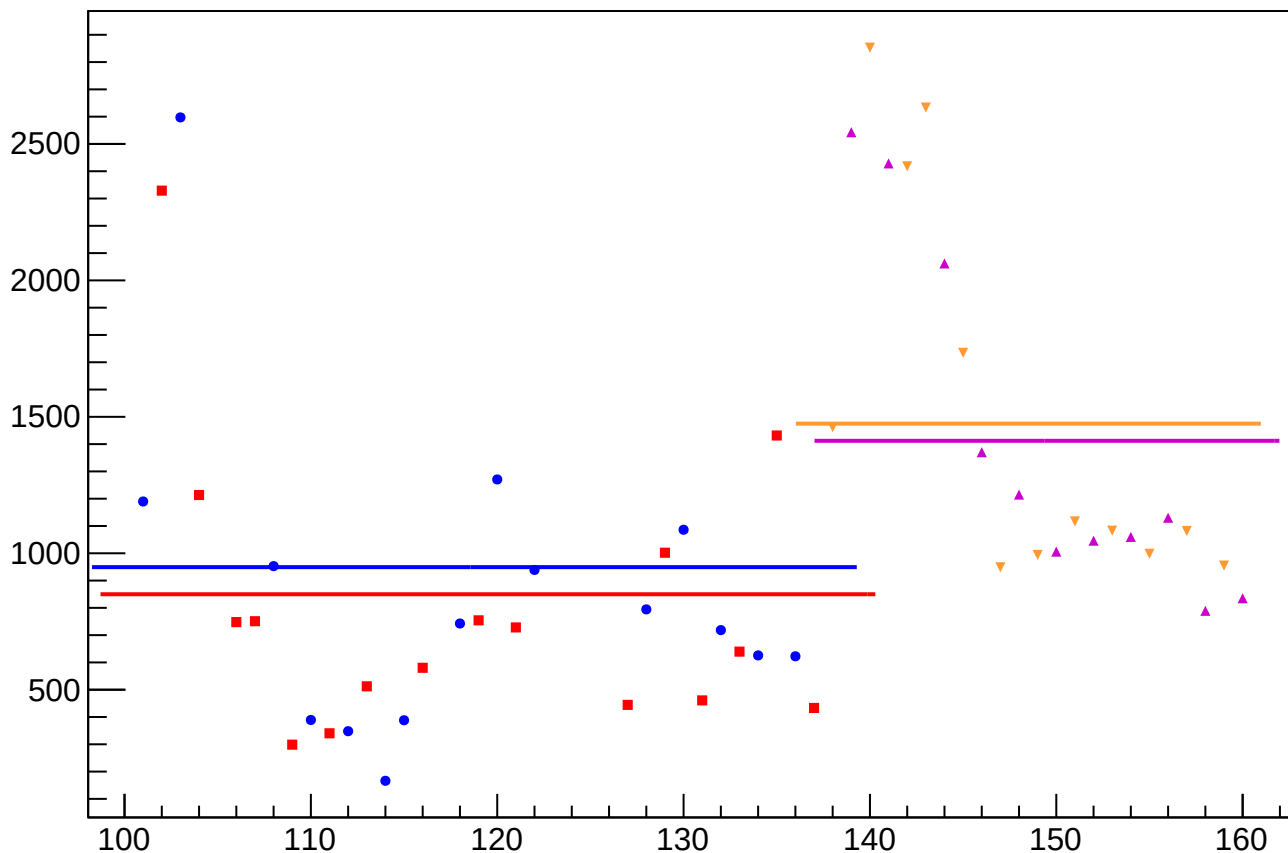
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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

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

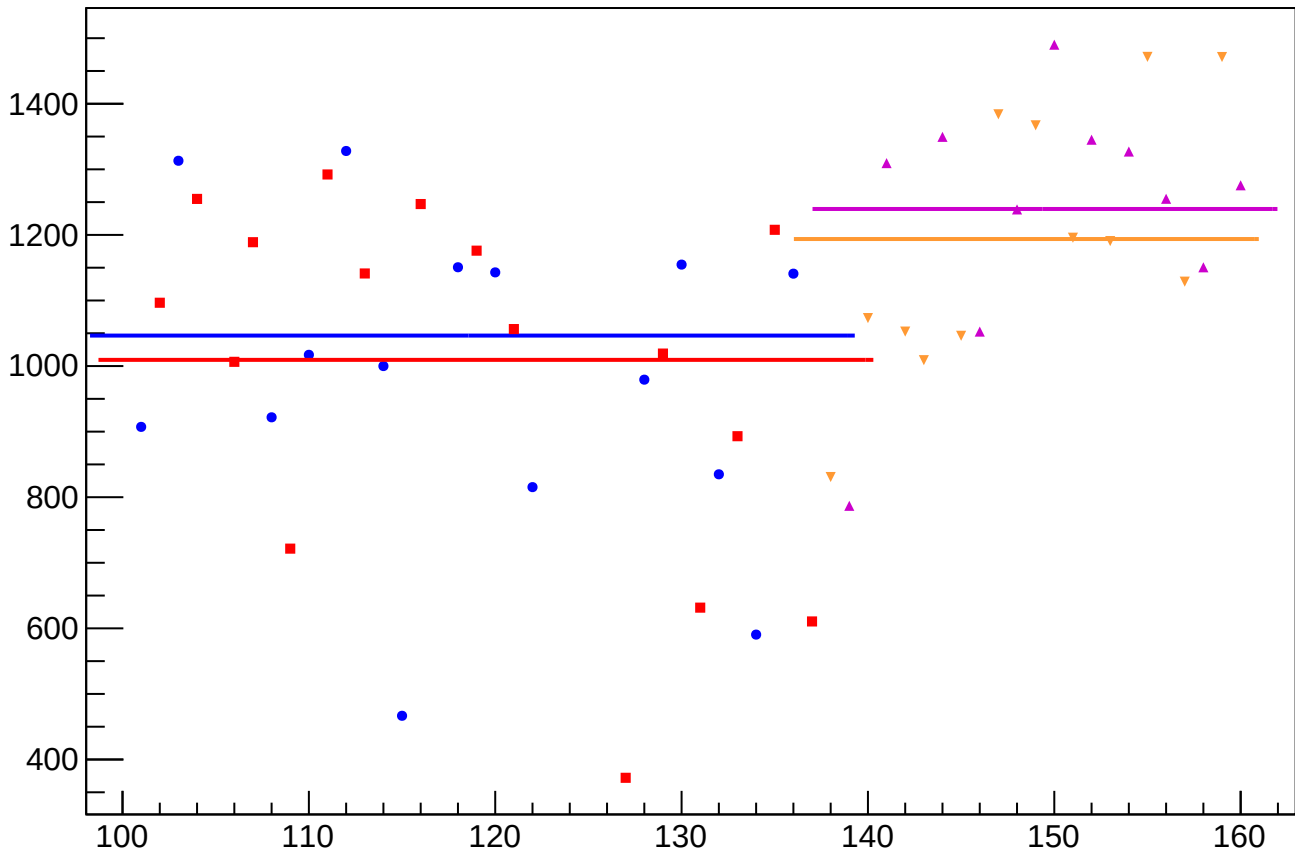
Left In: 1412.186 ± 0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670 ± 0.000 χ^2/NDF : 73839035869210

All: 1216.192 ± 0.000 χ^2/NDF : 14031243171

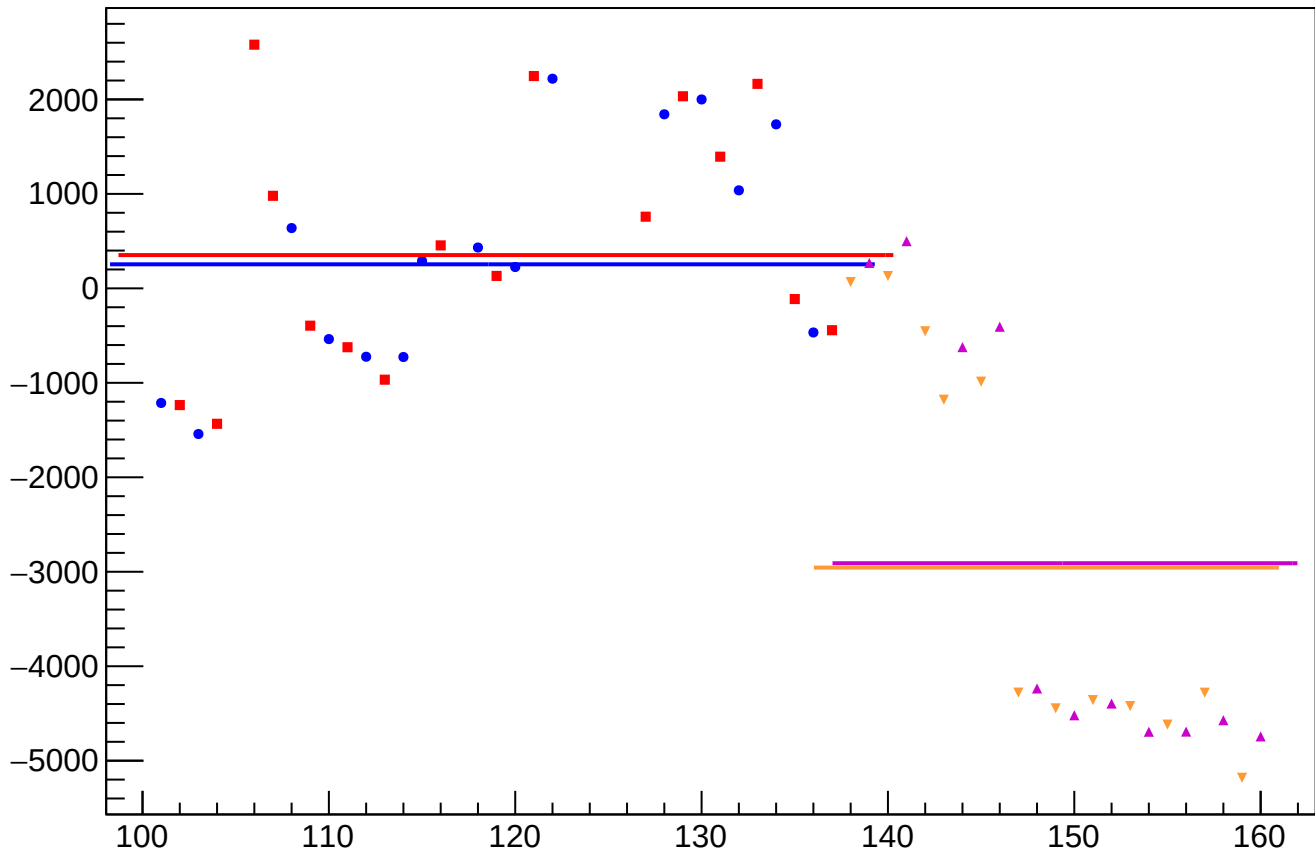
- sign 1176.426 ± 0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



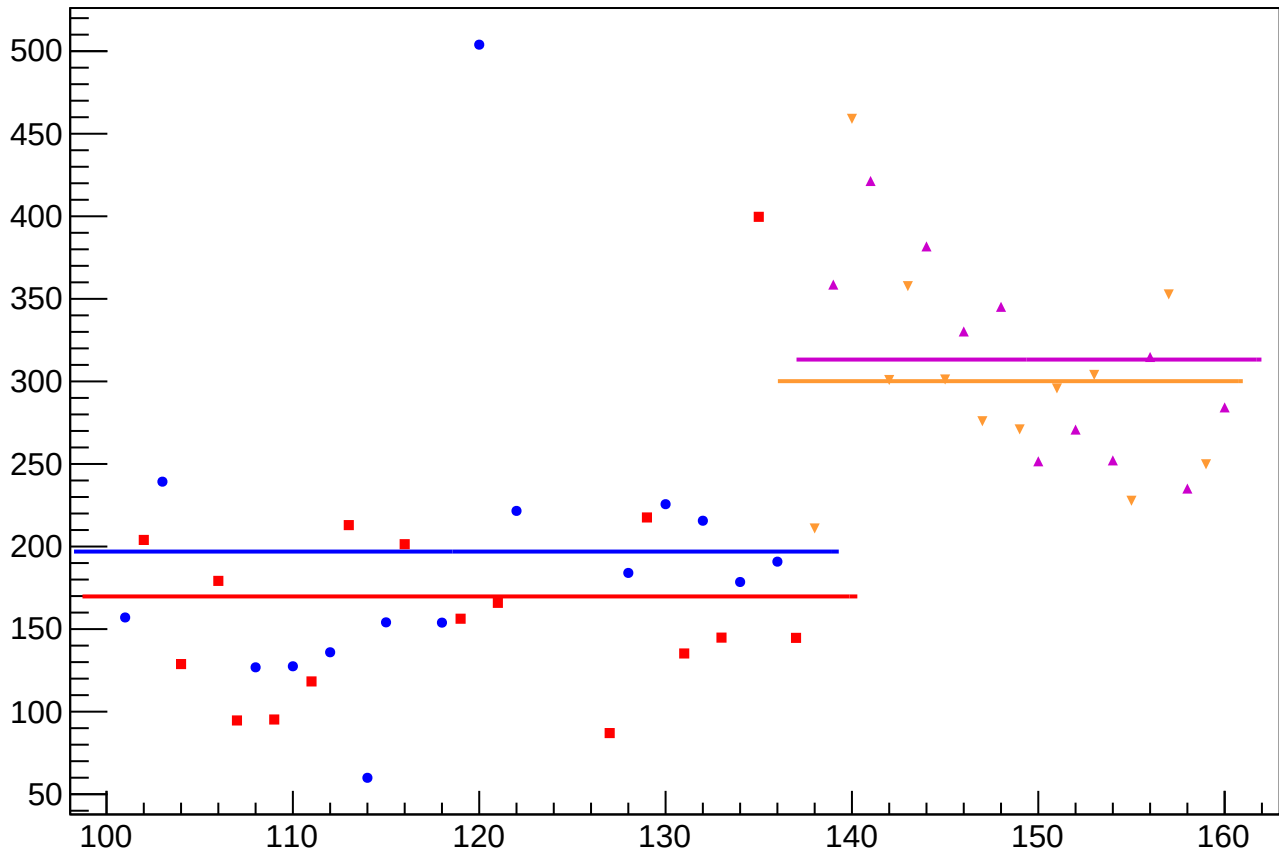
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



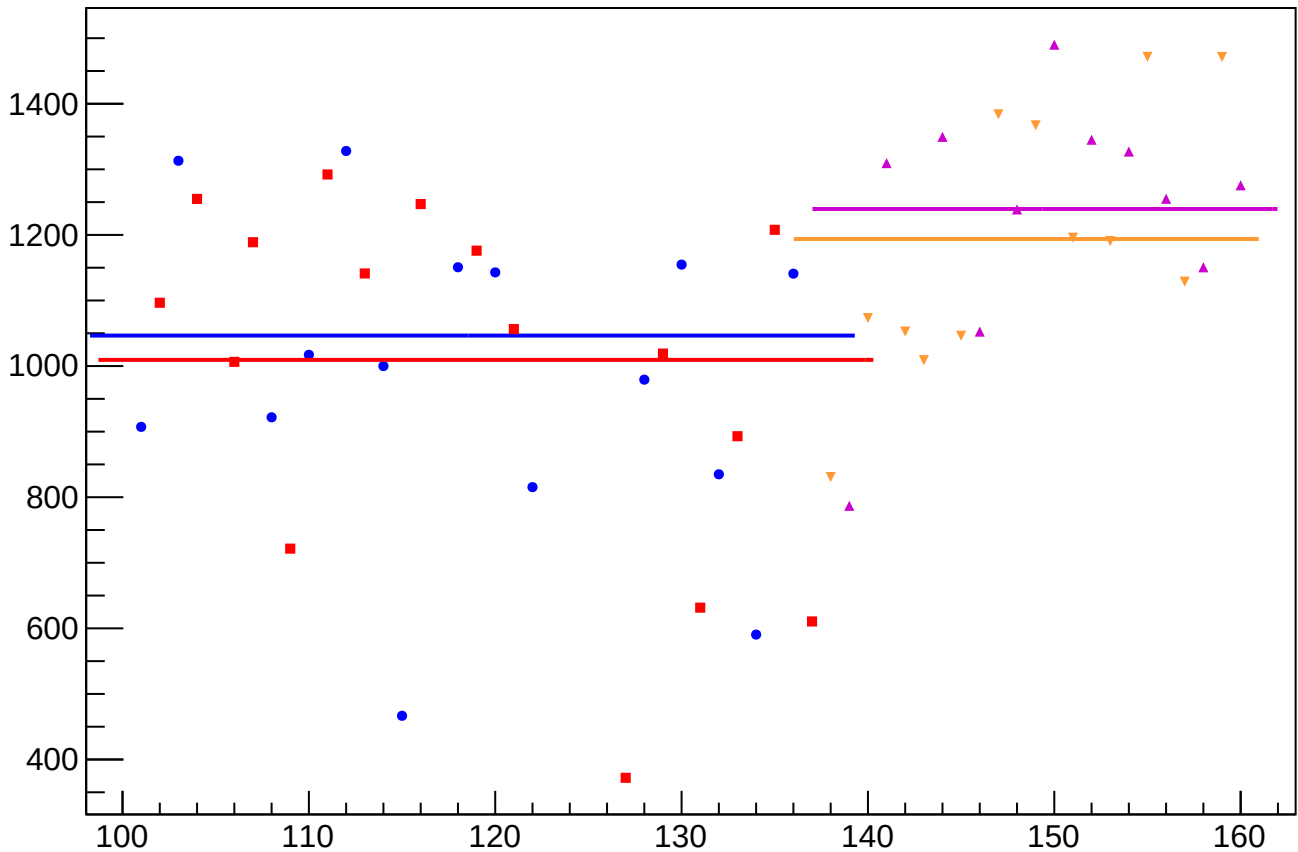
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -2955.997+/-0.000 χ^2/NDF : 3707818280907677847342876591435129290752.0/11
 Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -2909.545+/-0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



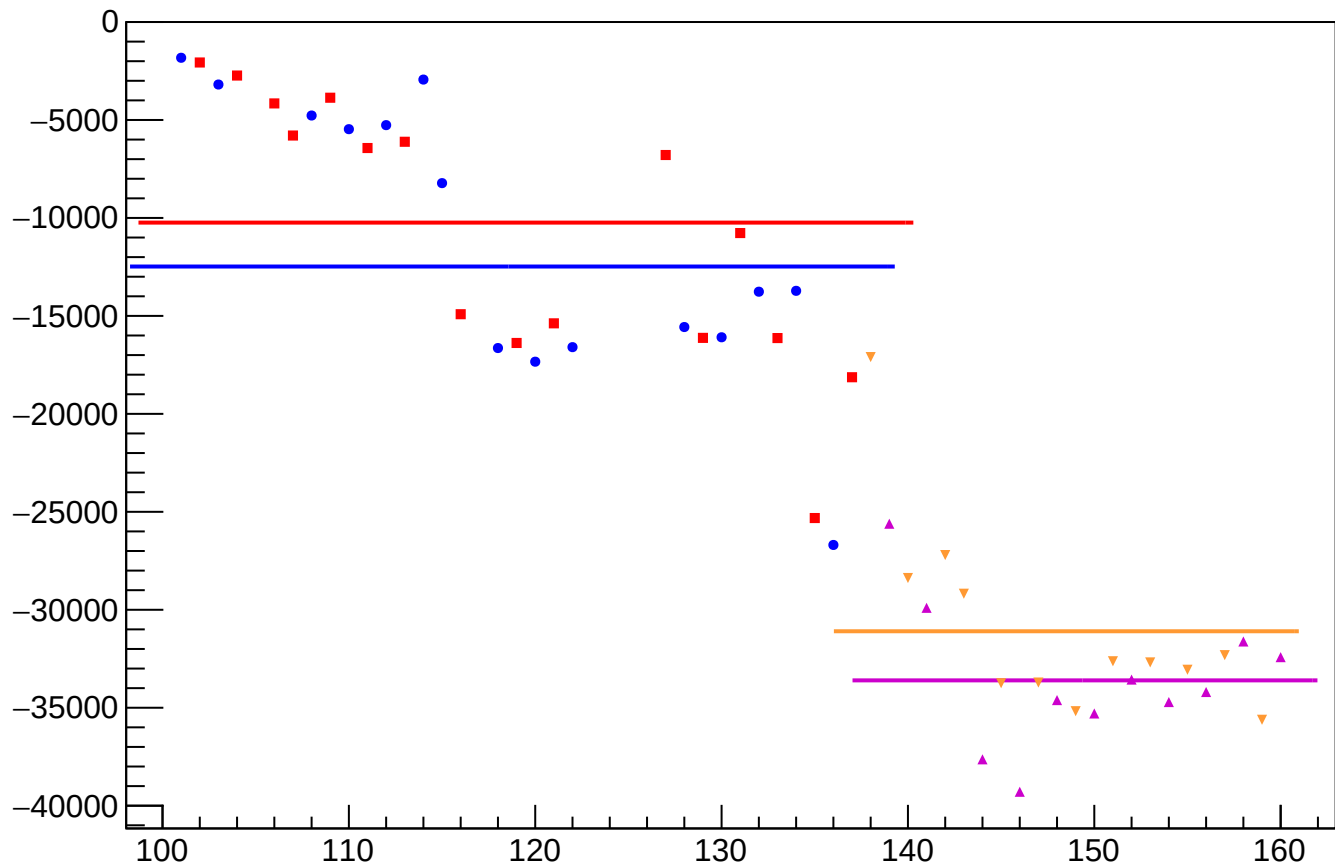
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 257.303+/-0.000	χ^2/NDF : 124000774019819
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11	All: 255.177+/-0.000	χ^2/NDF : 273569793225
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- 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



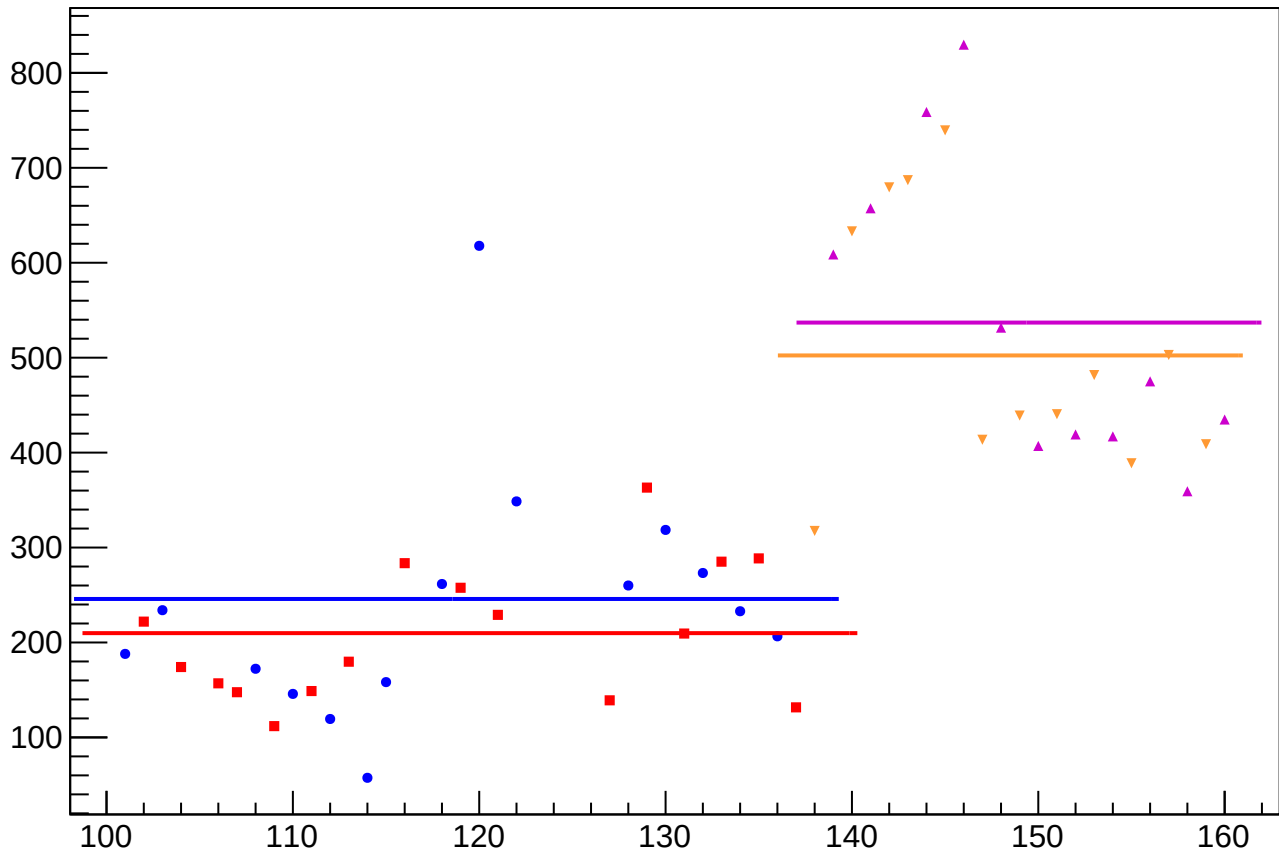
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam6_coil1_mean vs Slug



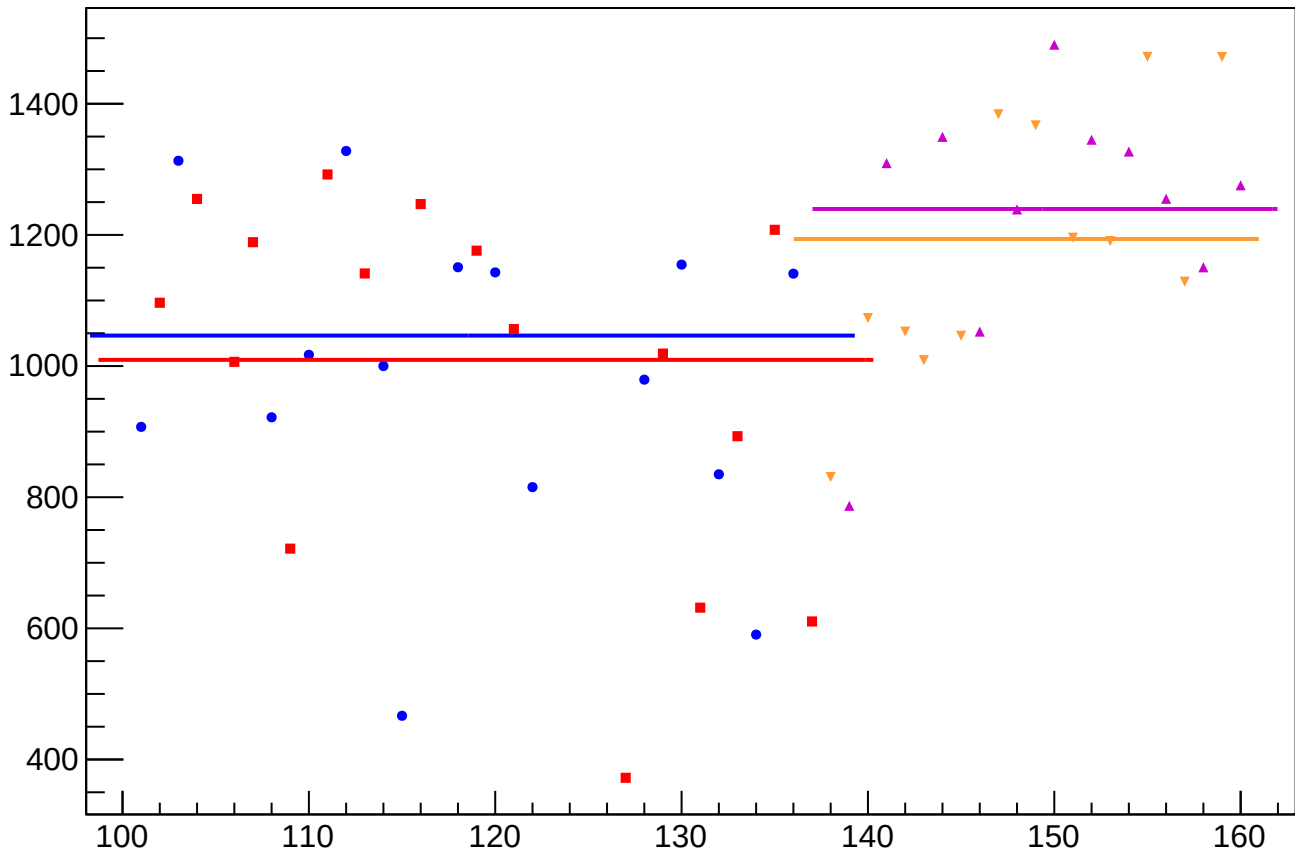
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -31096.364+/-0.000 χ^2/NDF : 21759430970673179273891990313759368282112.0/11
 Right Out: -10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -33603.125+/-0.000 χ^2/NDF : 11377877741280377988076632069746943066112.0/10

dit_sam6_coil1_err_mean vs Slug



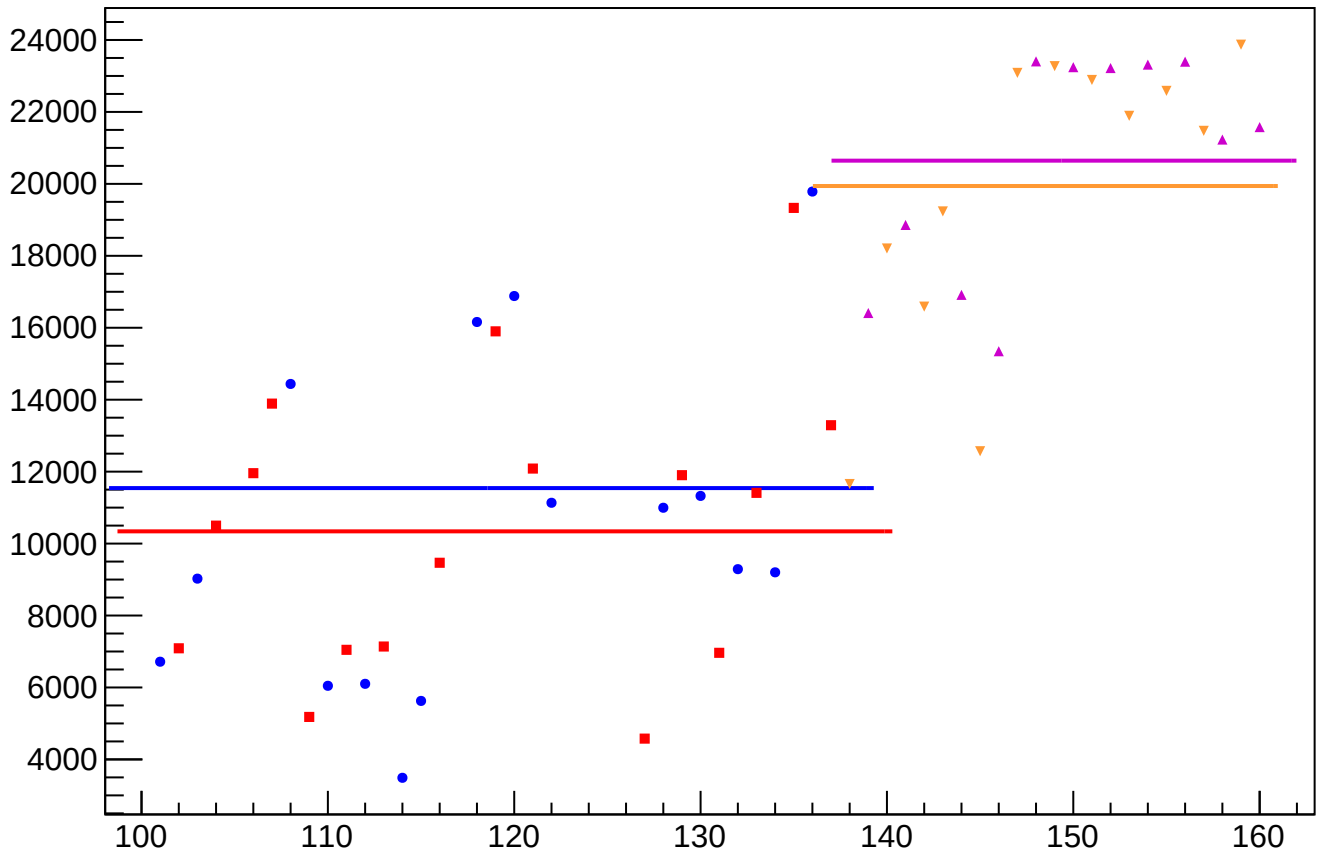
Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14	+ sign 395.846+/-0.000	χ^2/NDF : 479955291741577
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11	All: 397.856+/-0.000	χ^2/NDF : 113394044527
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15	- 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

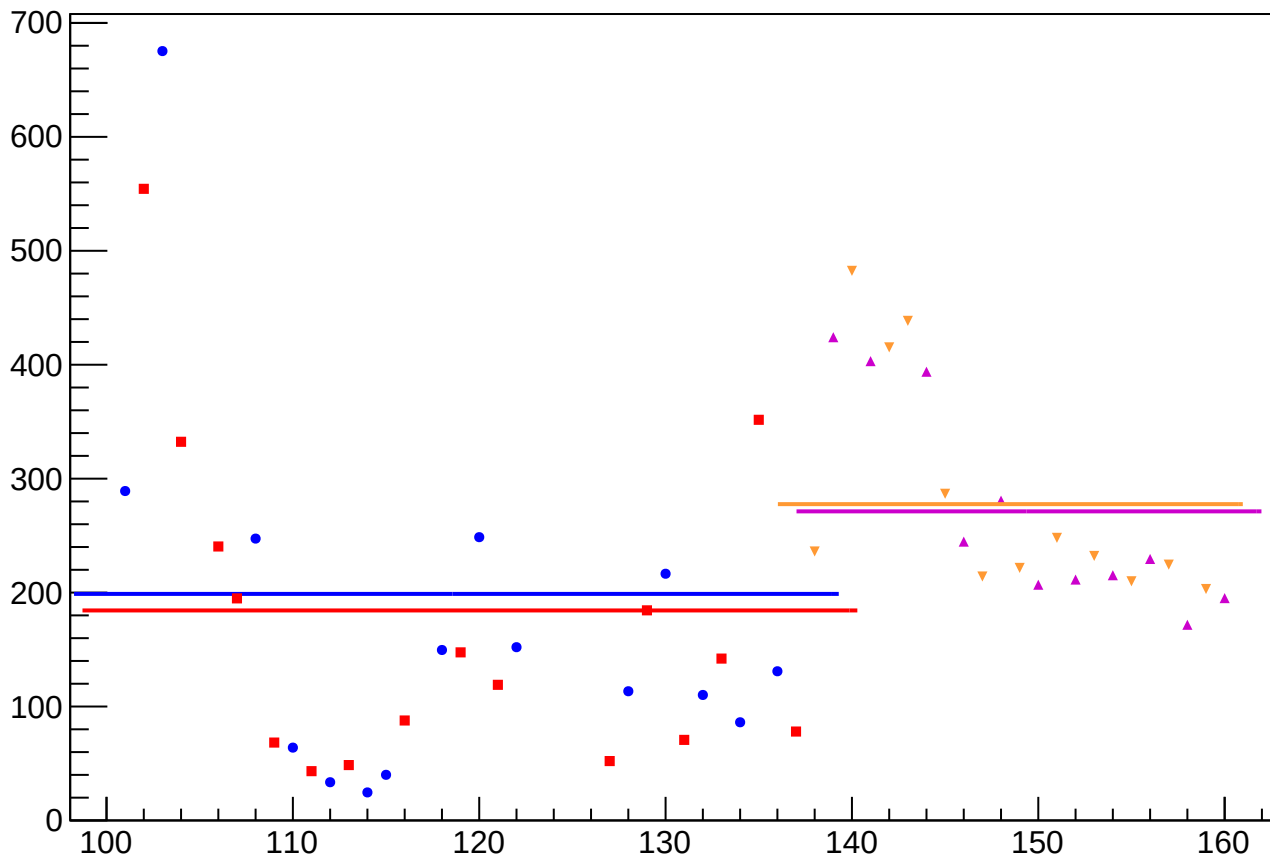
dit_sam7_coil1_mean vs Slug



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

+ sign 16453.470+/-0.000 χ^2/NDF : 5606673689556
 All: 16388.663+/-0.000 χ^2/NDF : 1169361701
 - sign 16324.997+/-0.000 χ^2/NDF : 6085641974902

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

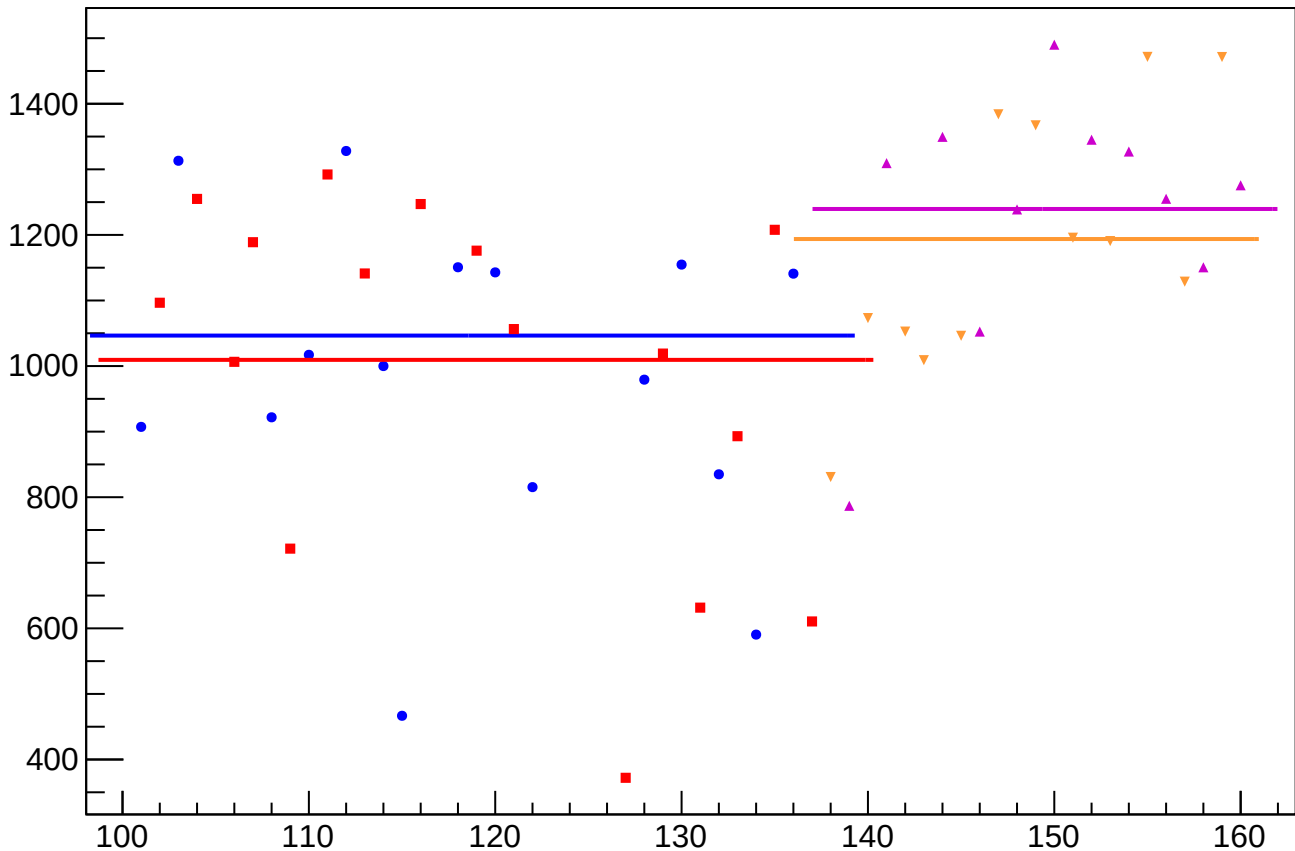
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF : 287284397950927

All: 239.833+/-0.000 χ^2/NDF : 537780837700

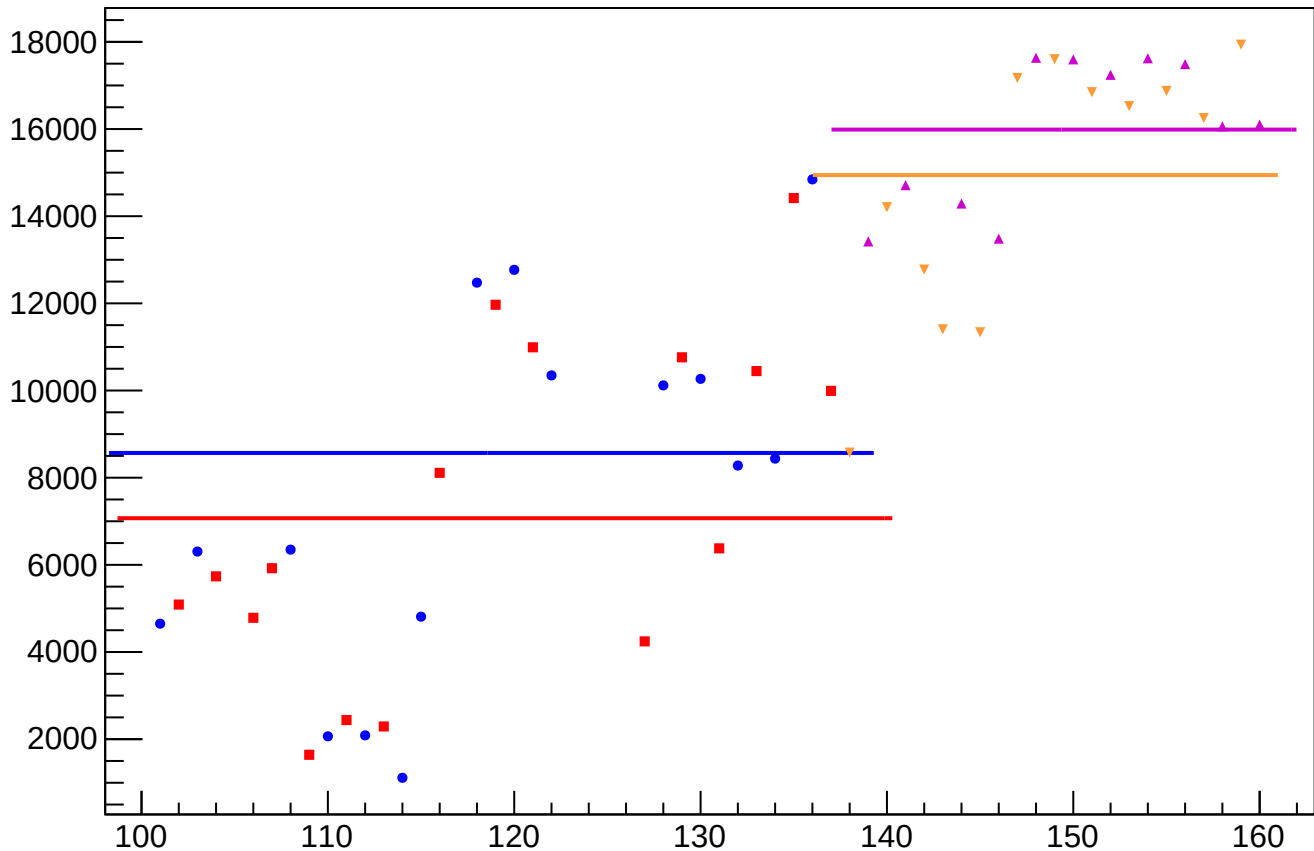
- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

dit_sam7_coil1_Ndata_mean vs Slug



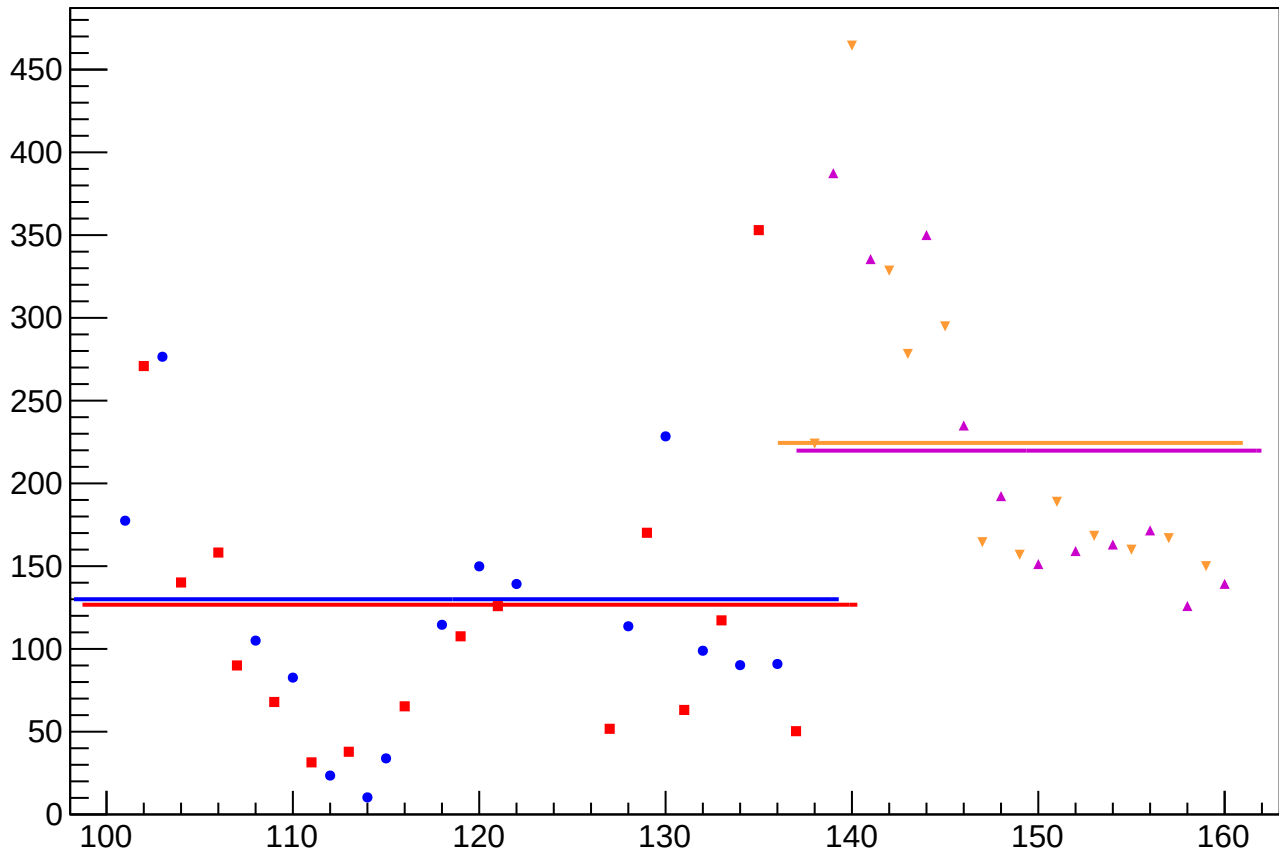
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



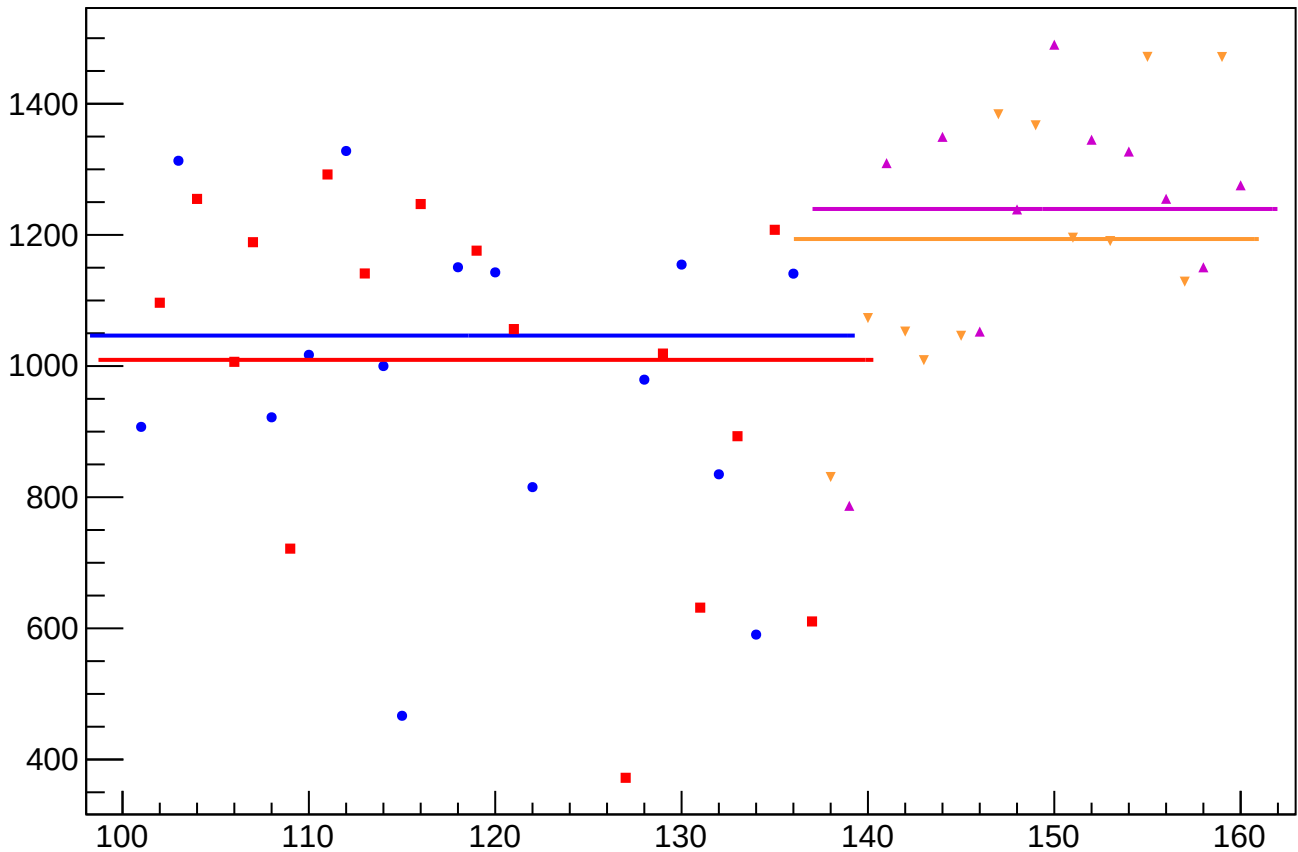
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14943.560+/-0.000 χ^2/NDF : 7900539606524387386359998406585036570624.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 247039342825481572862908332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



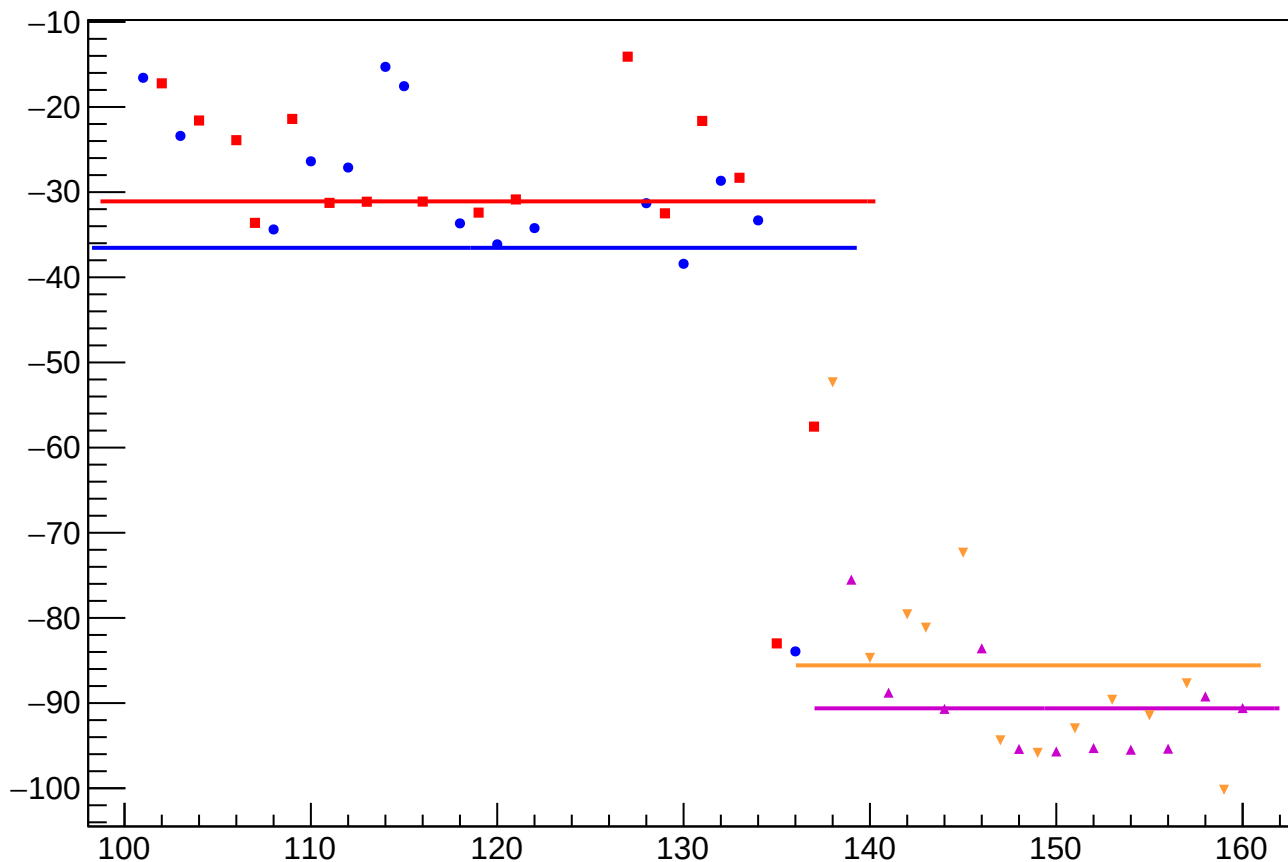
Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Left Out: 224.458+/-0.000 χ^2/NDF : 7870394140048491055430374232164401152.0/11
 Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15
 Left In: 219.787+/-0.000 χ^2/NDF : 7418609629454172879787970620999860224.0/10

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

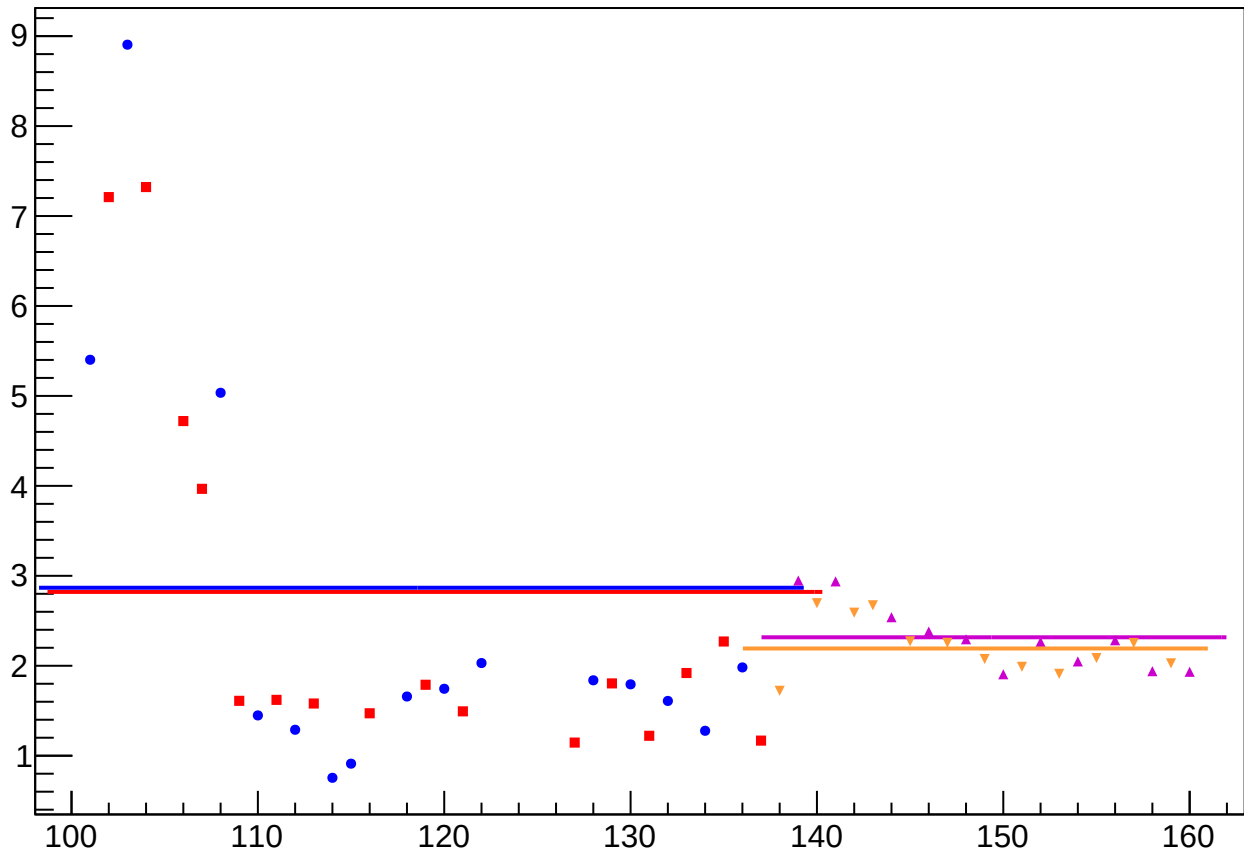
Left In: -90.618+/-0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ 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

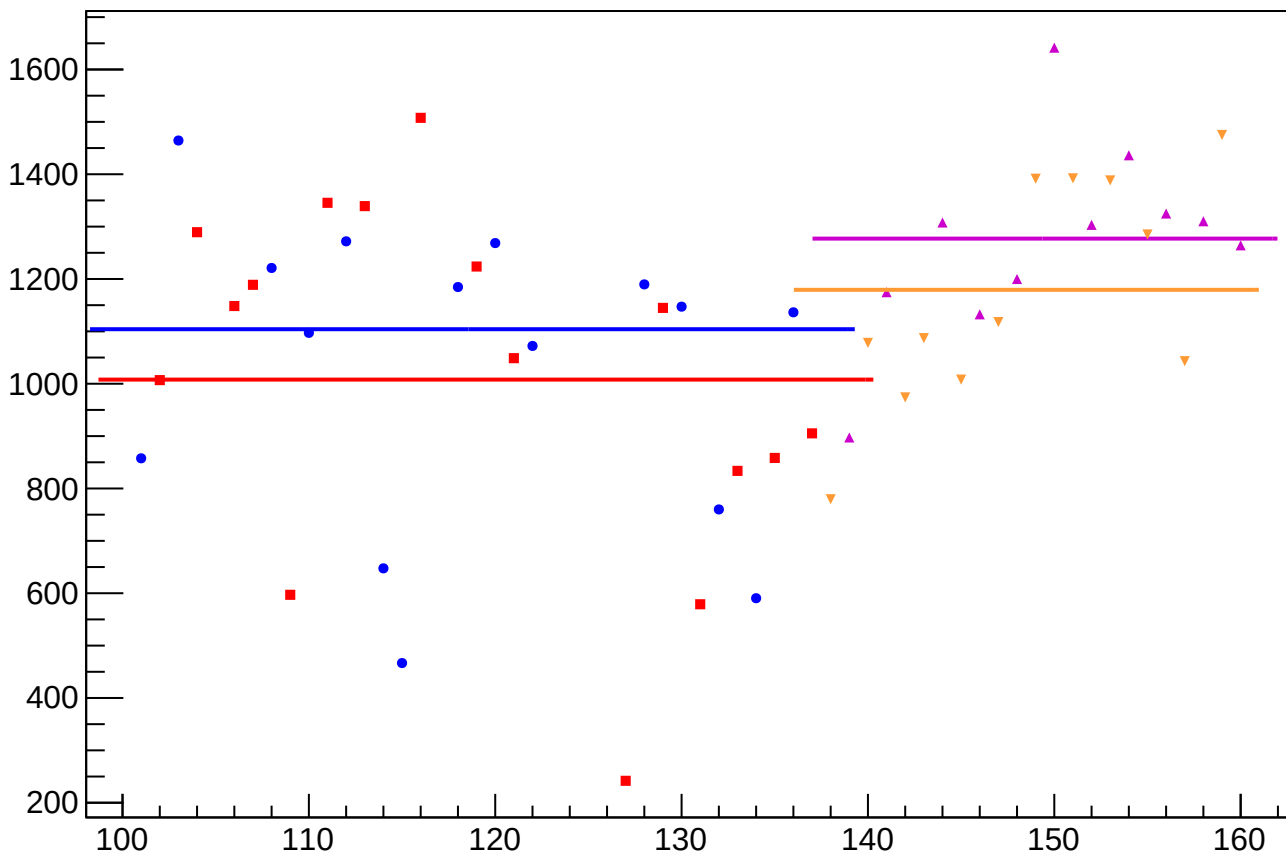
χ^2/NDF : 114372564725079889099013285216256.0/10

+ sign 2.472+/-0.000 χ^2/NDF : 37046486848107534

All: 2.501+/-0.000 χ^2/NDF : 69729663973613

- sign 2.528+/-0.000 χ^2/NDF : 32658845827885062

dit_4aX_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

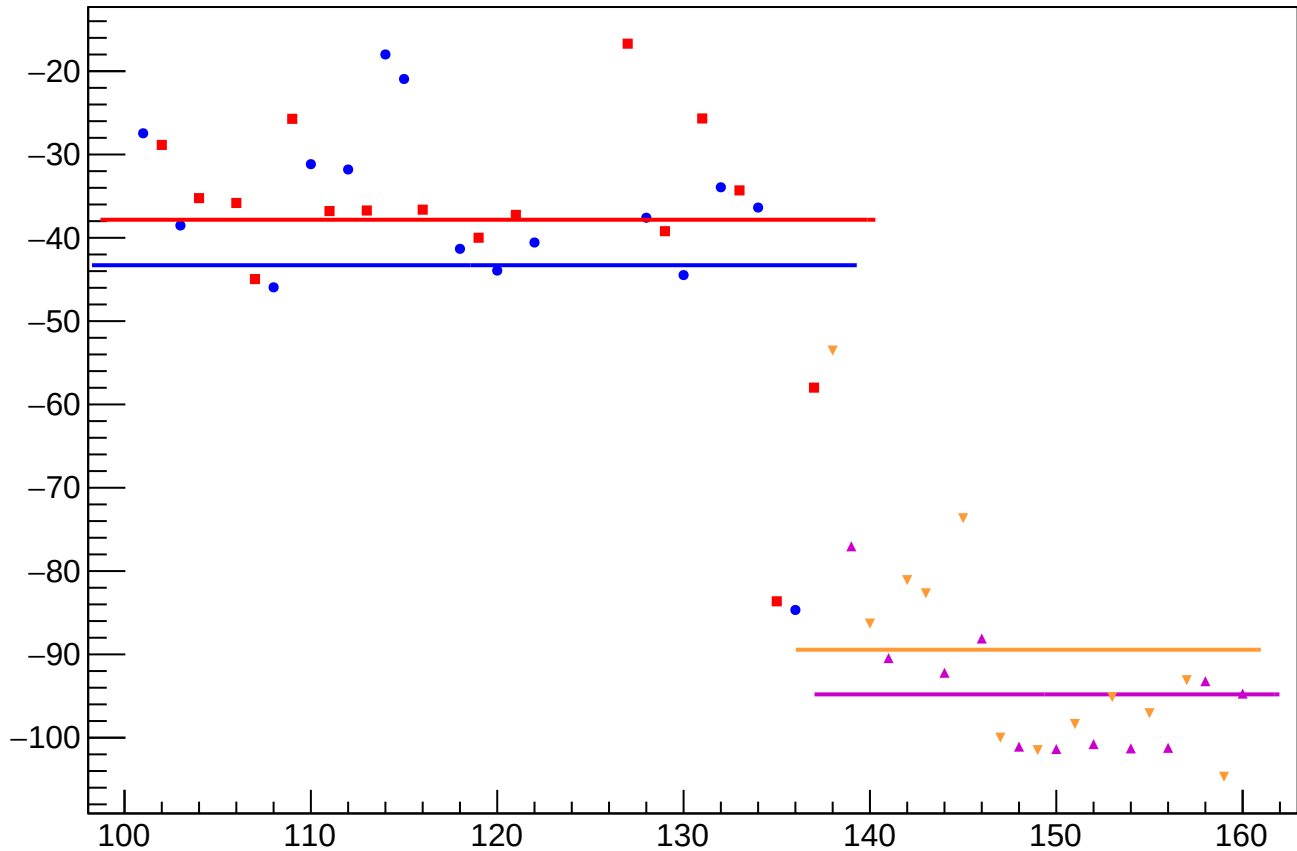
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ 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

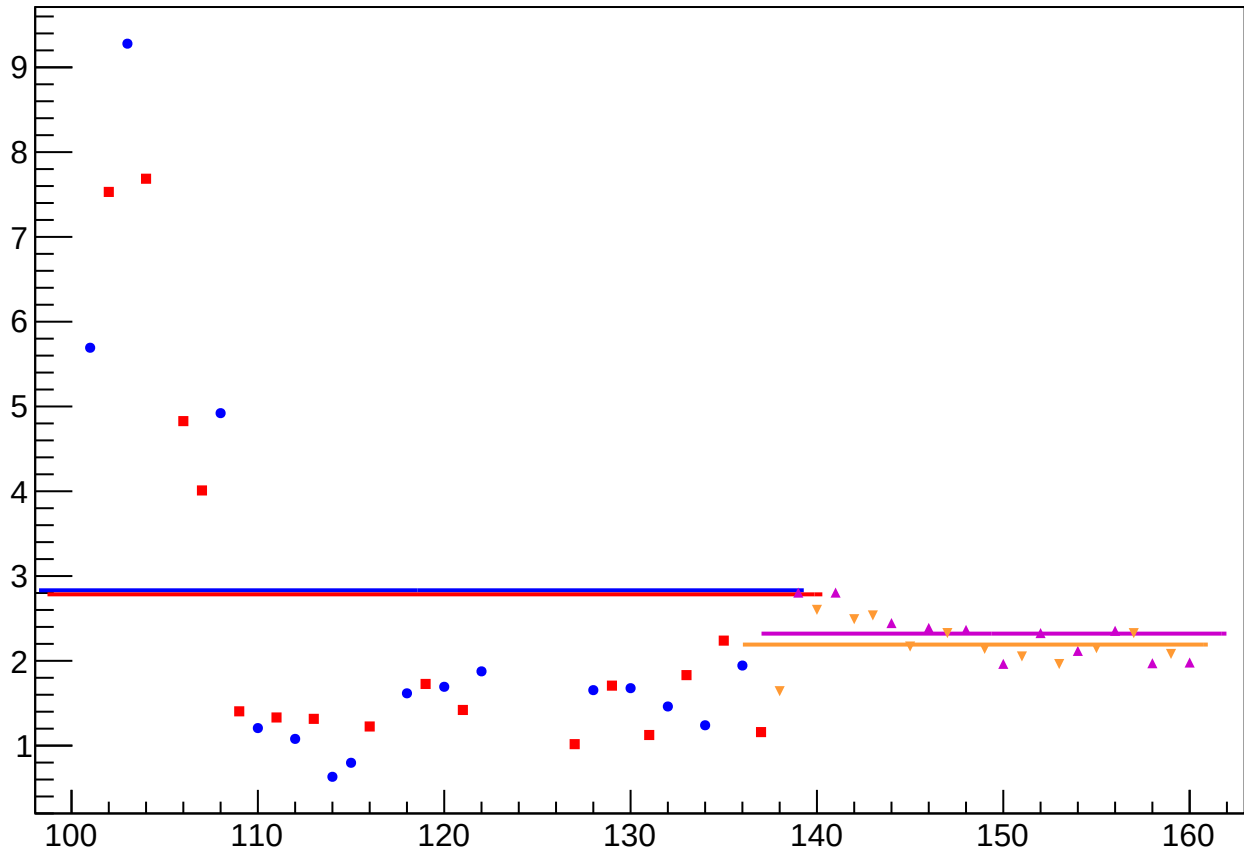
dit_4eX_coil3_mean vs Slug



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

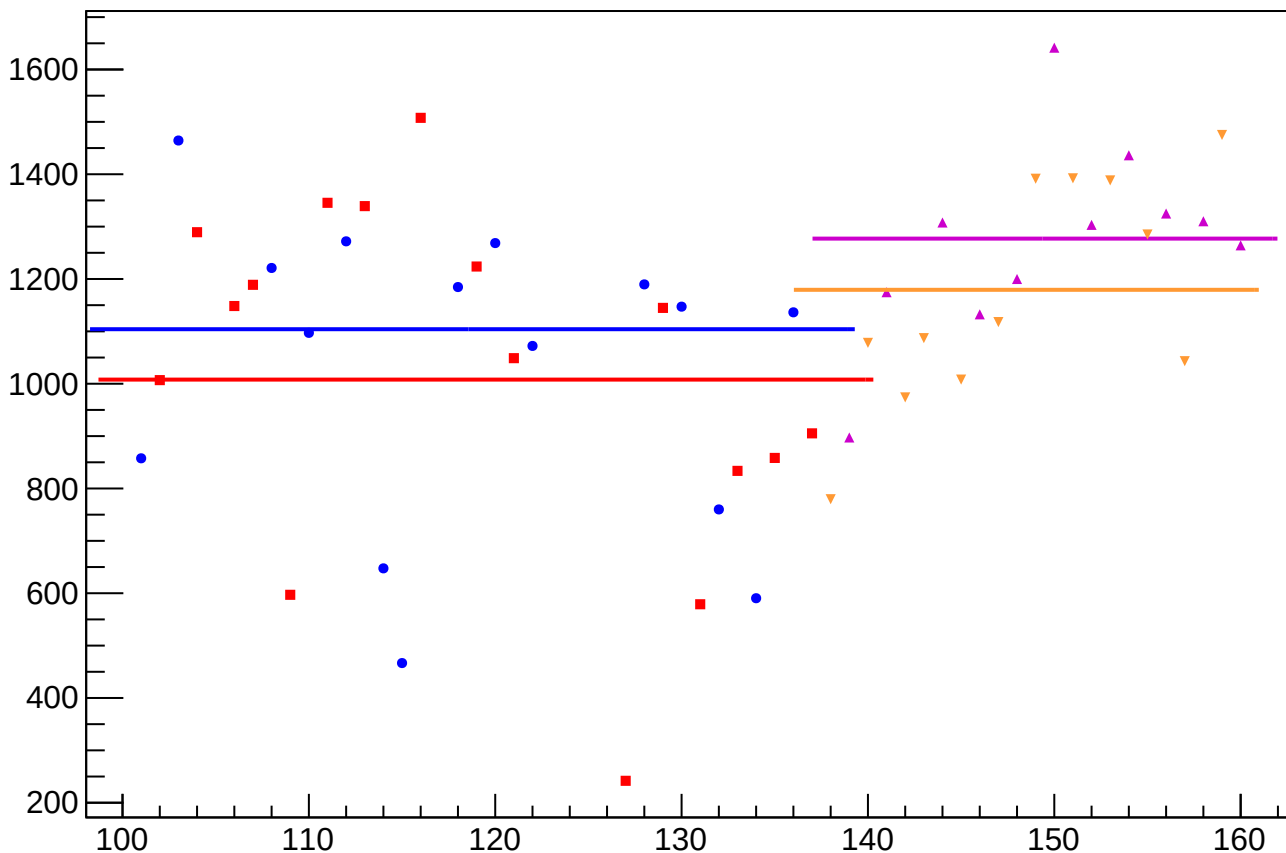
+ sign -70.276+/-0.000 χ^2/NDF : 118874483717720
 All: -70.599+/-0.000 χ^2/NDF : 264393332090
 - sign -70.917+/-0.000 χ^2/NDF : 1454865139874700

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 $\pm$ 0.000 χ^2 /NDF: 3957672531929017328512564323155968.0/14
 Left Out: 2.192 $\pm$ 0.000 χ^2 /NDF: 59601559247415008947816525463552.0/11
 Right Out: 2.784 $\pm$ 0.000 χ^2 /NDF: 3589544956108116898091236897849344.0/15
 Left In: 2.321 $\pm$ 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

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

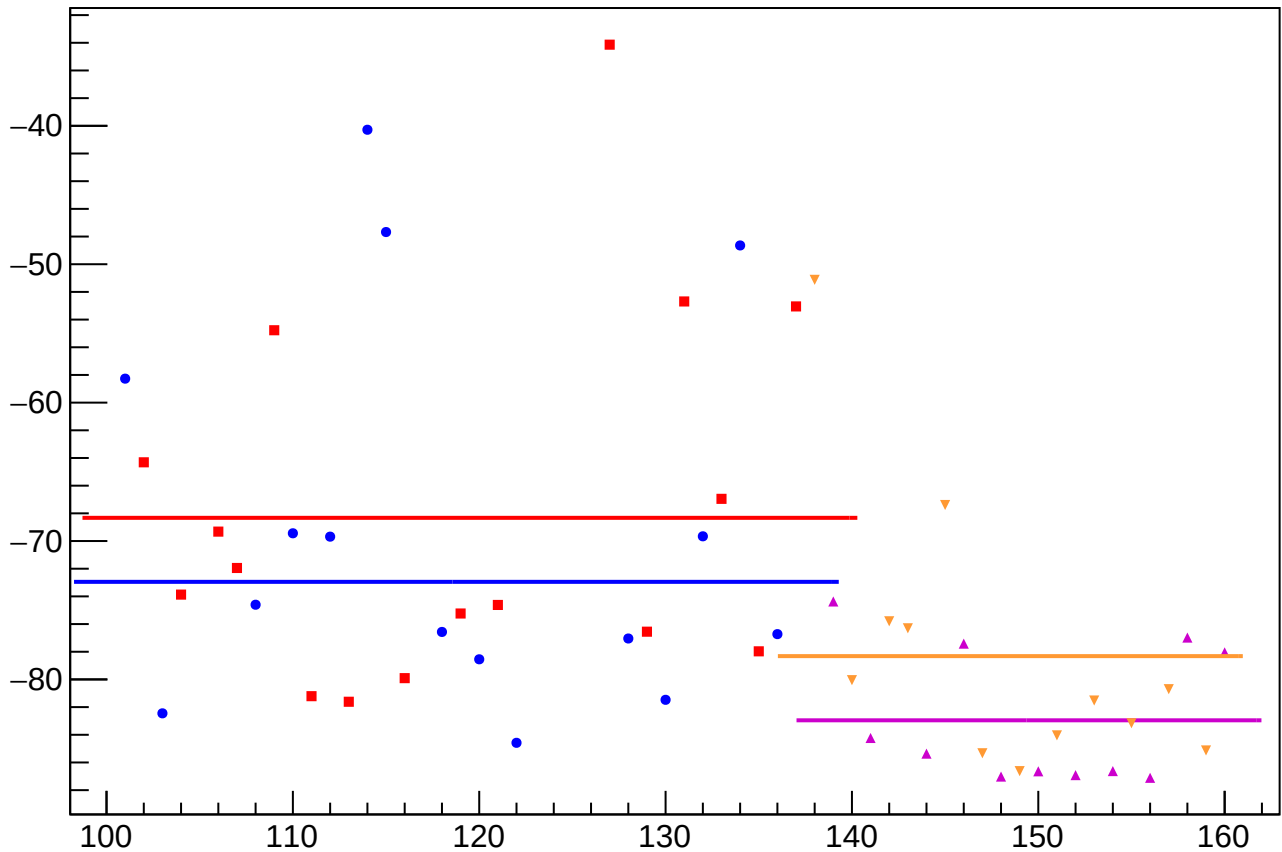
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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_11X12X_coil3_mean vs Slug



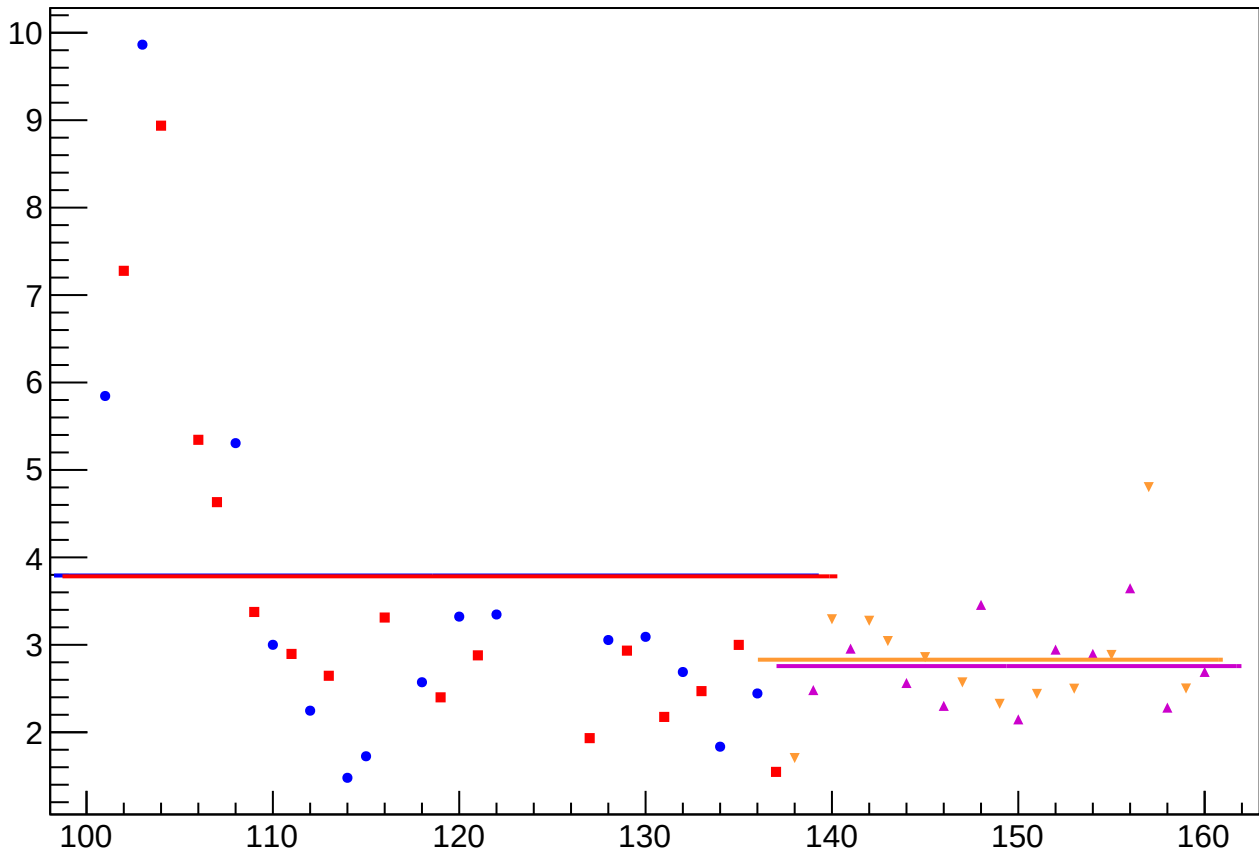
Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

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 : 20419157774877297849205303170564096.0/10

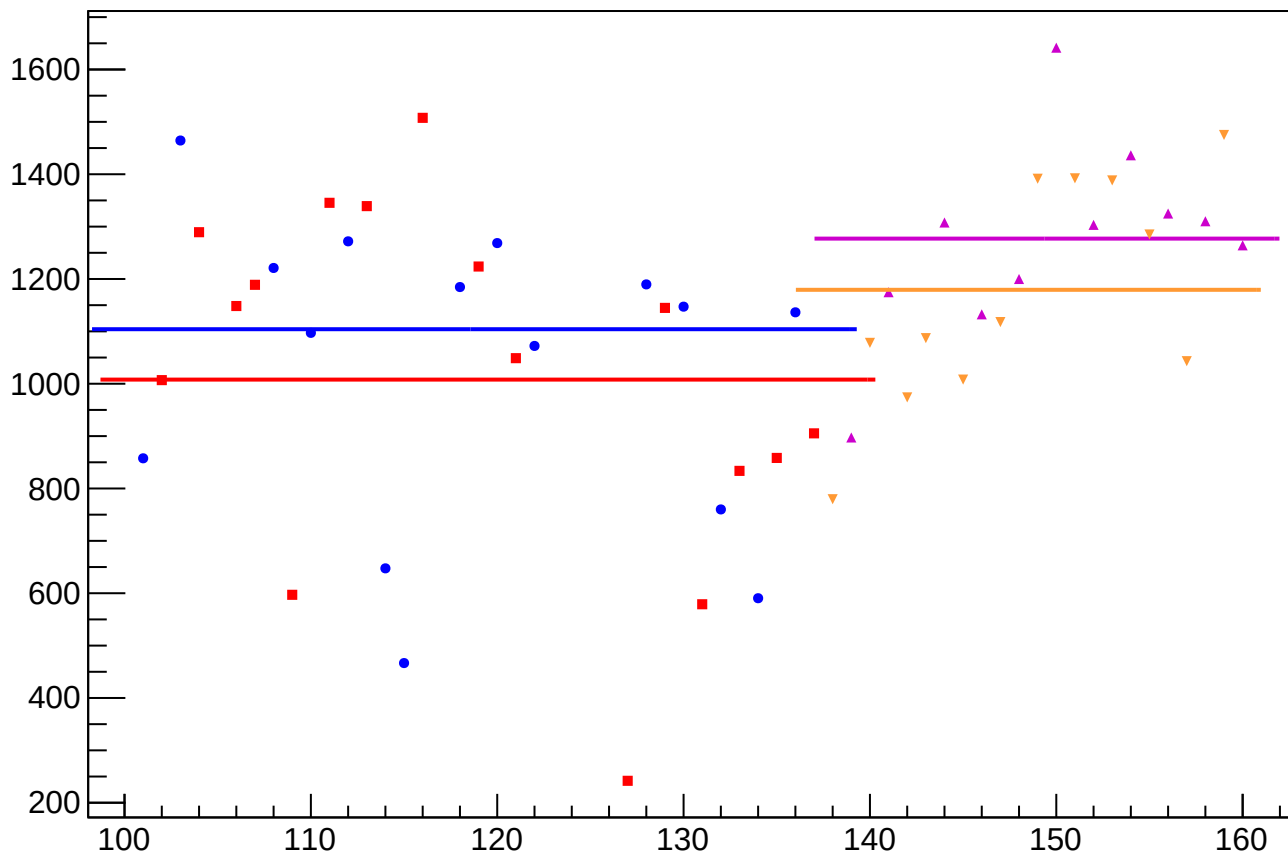
dit_11X12X_coil3_err_mean vs Slug



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

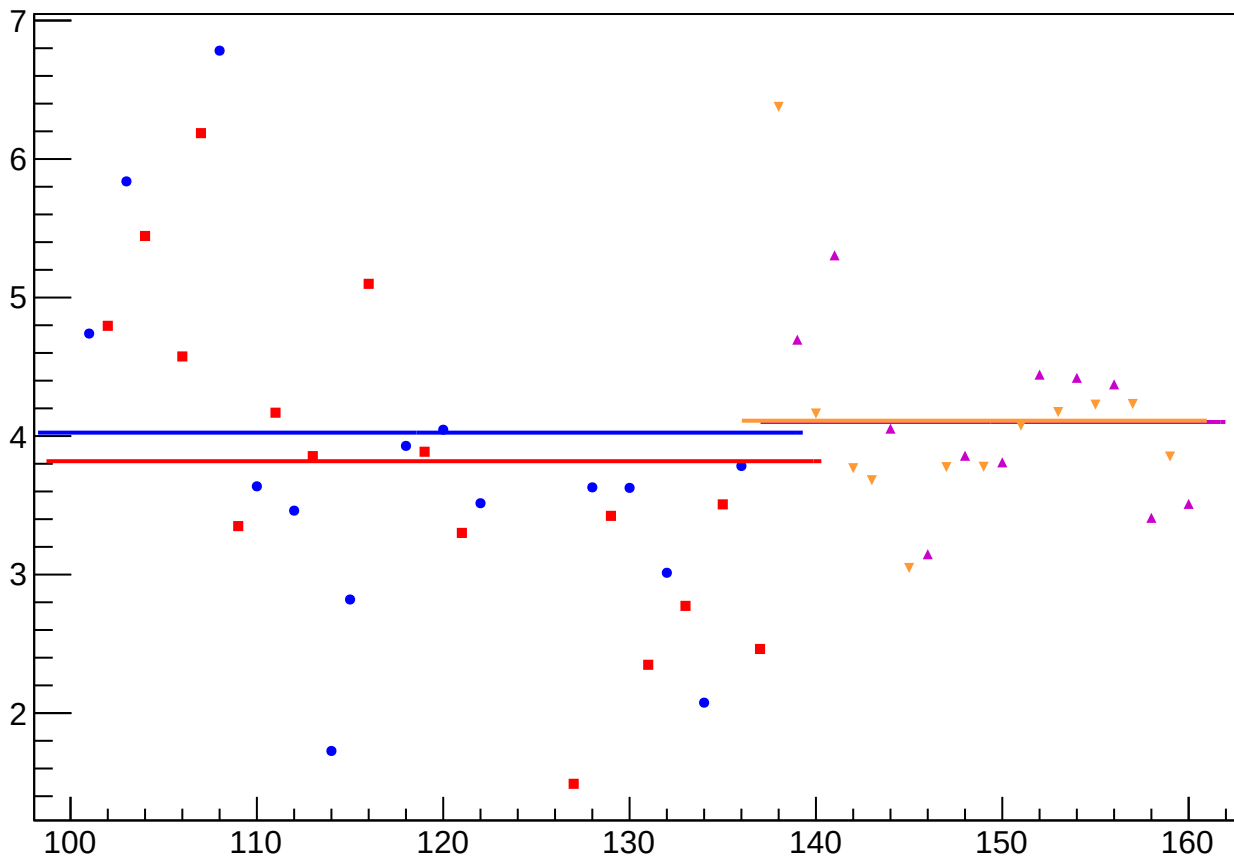
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

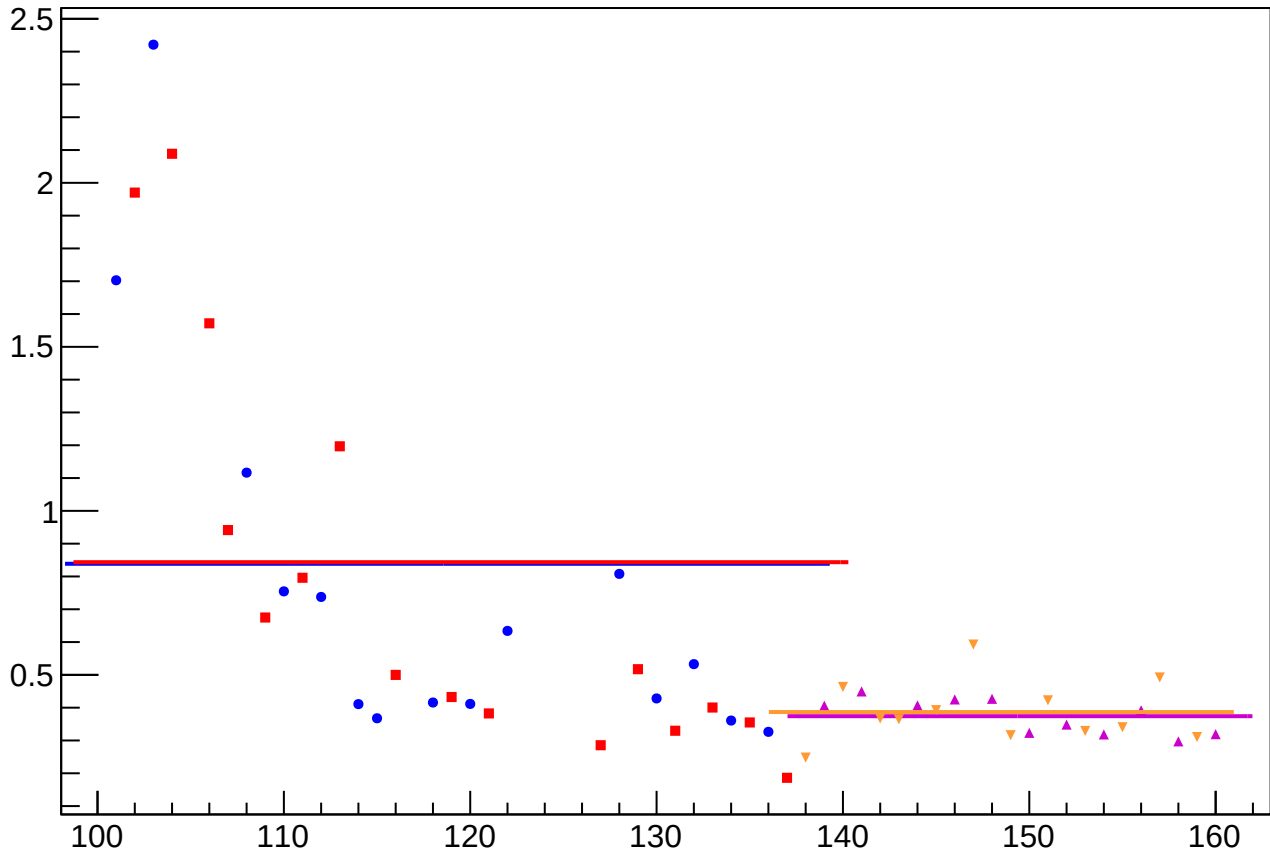
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ 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



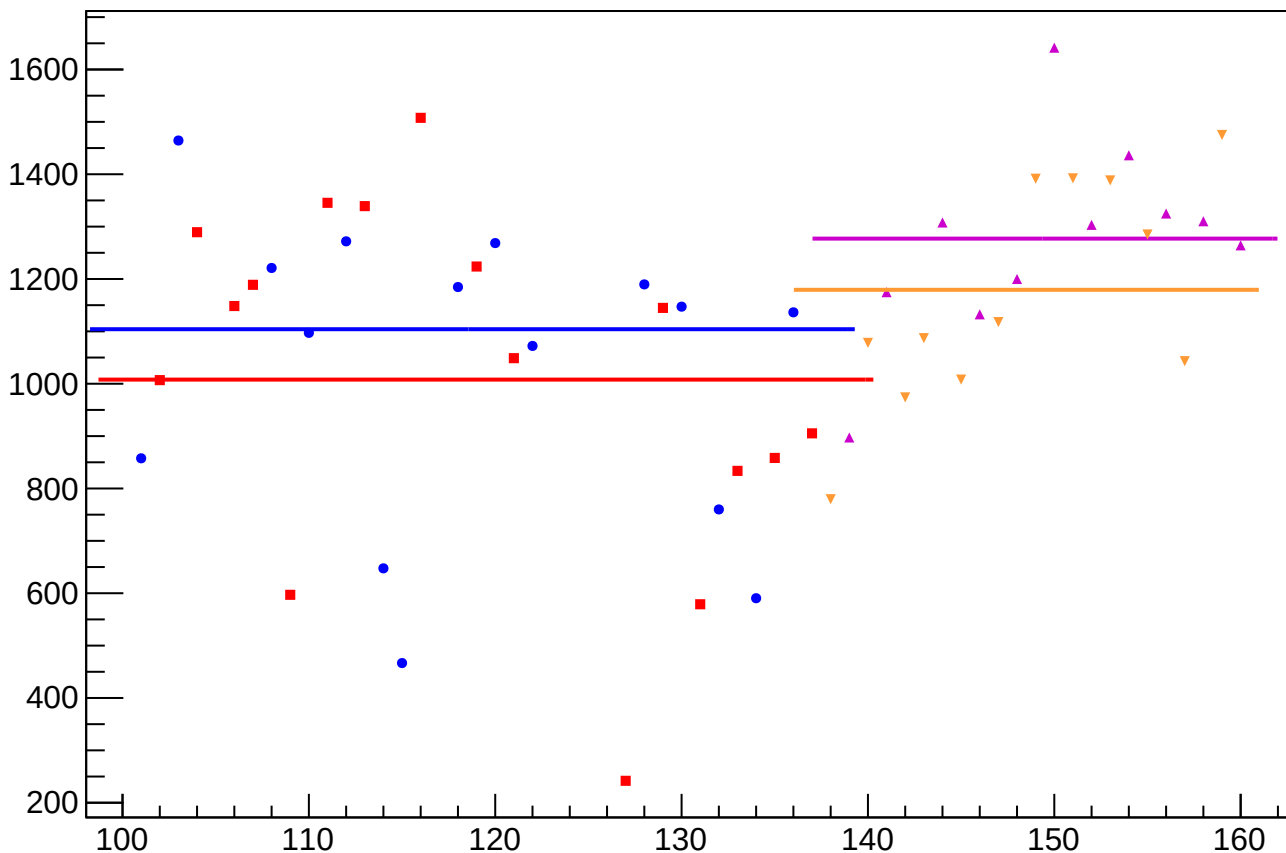
Right In: 0.839 $\pm$ 0.000 χ^2 /NDF: 258416025334615661521163083841536.0/14

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

dit_4aY_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

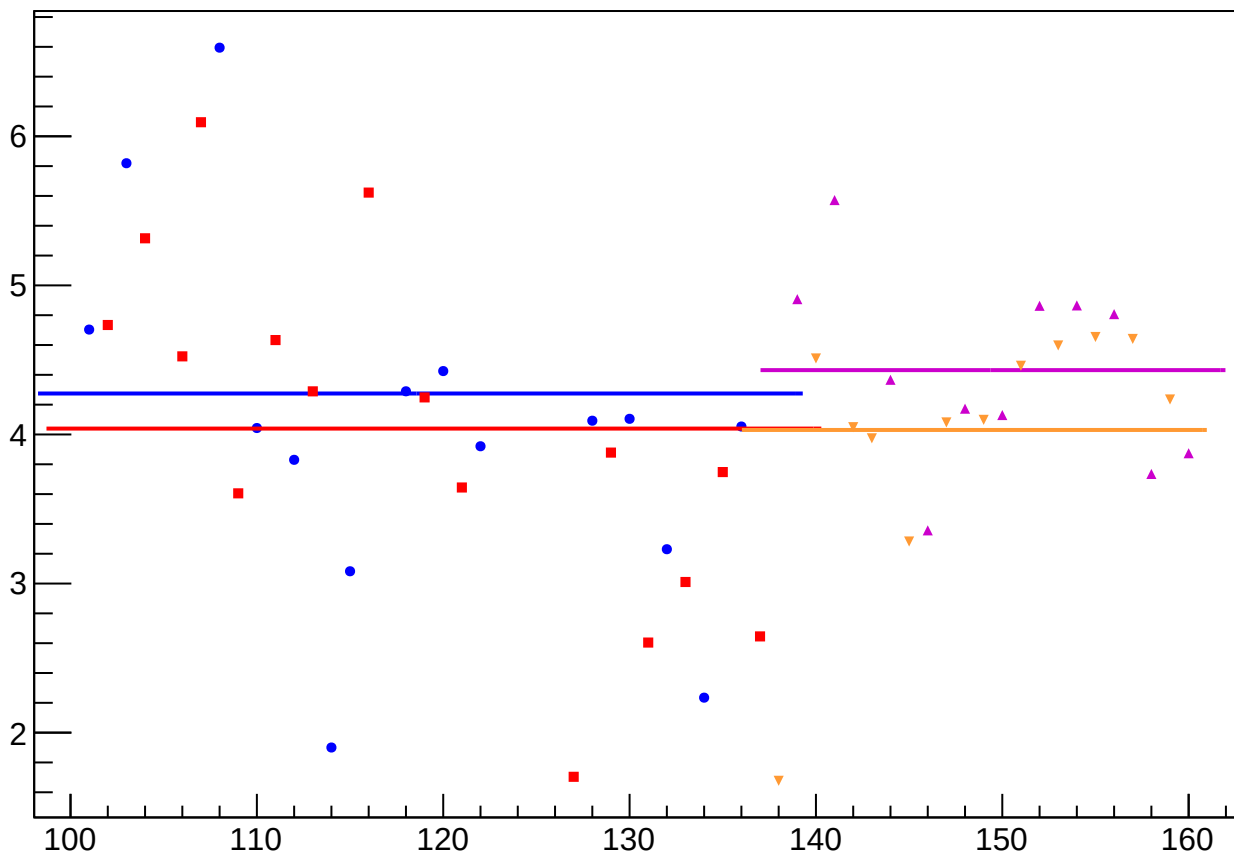
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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_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

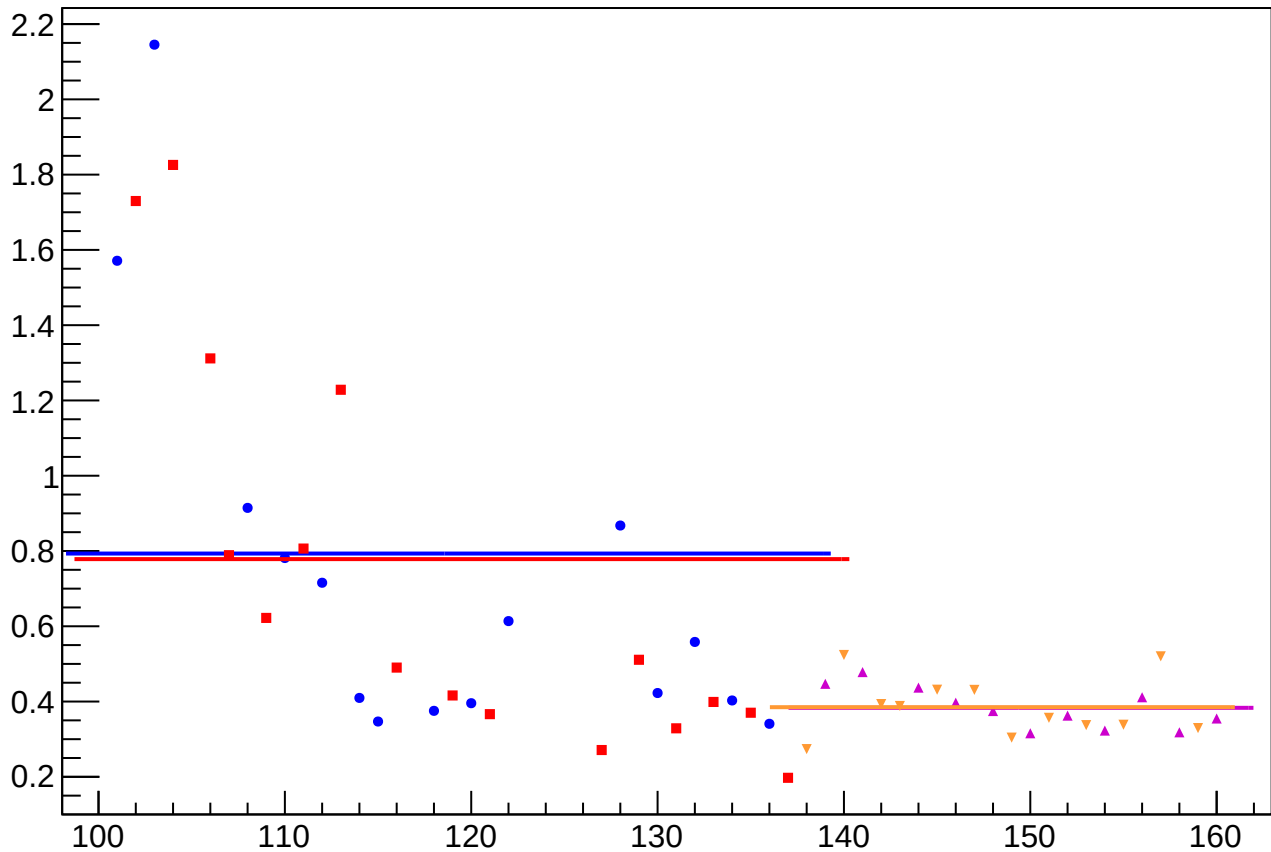
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

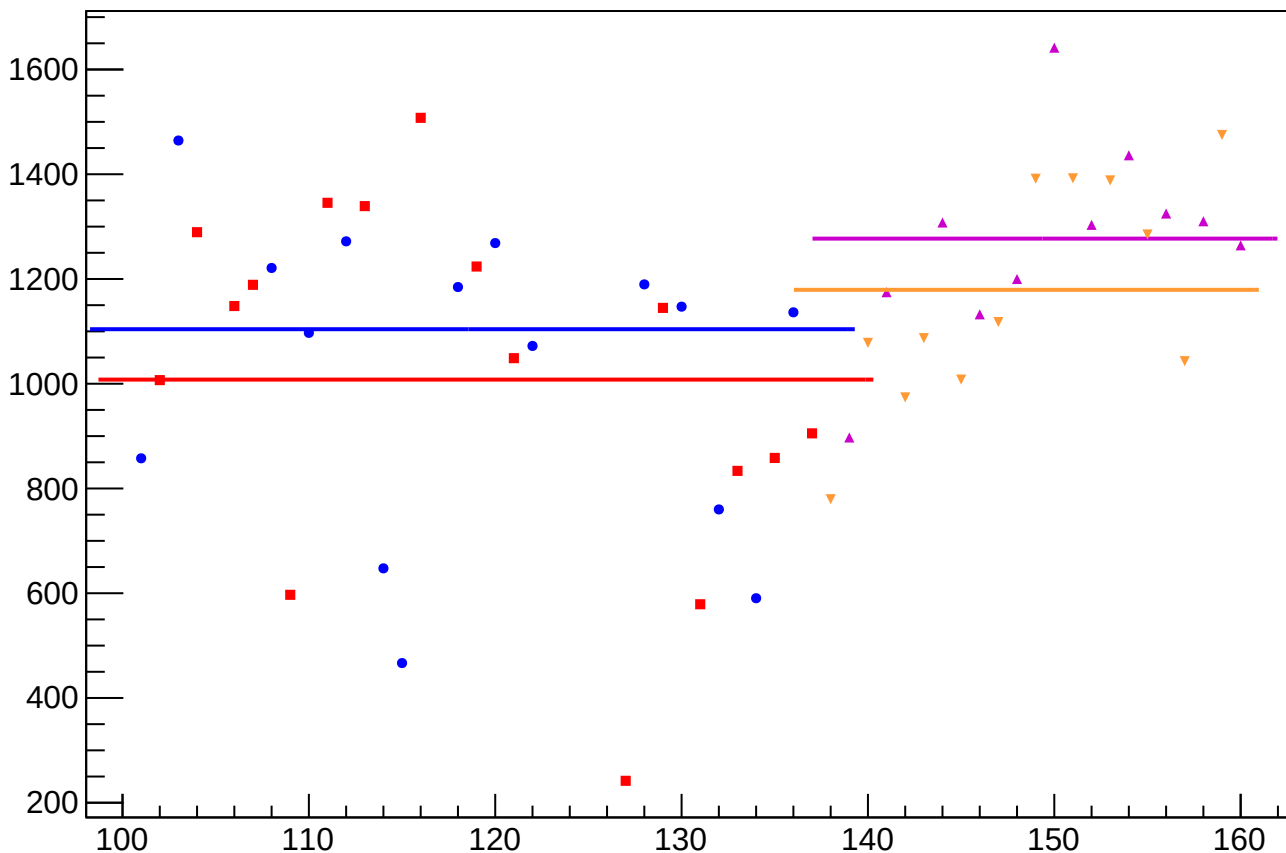
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

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

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

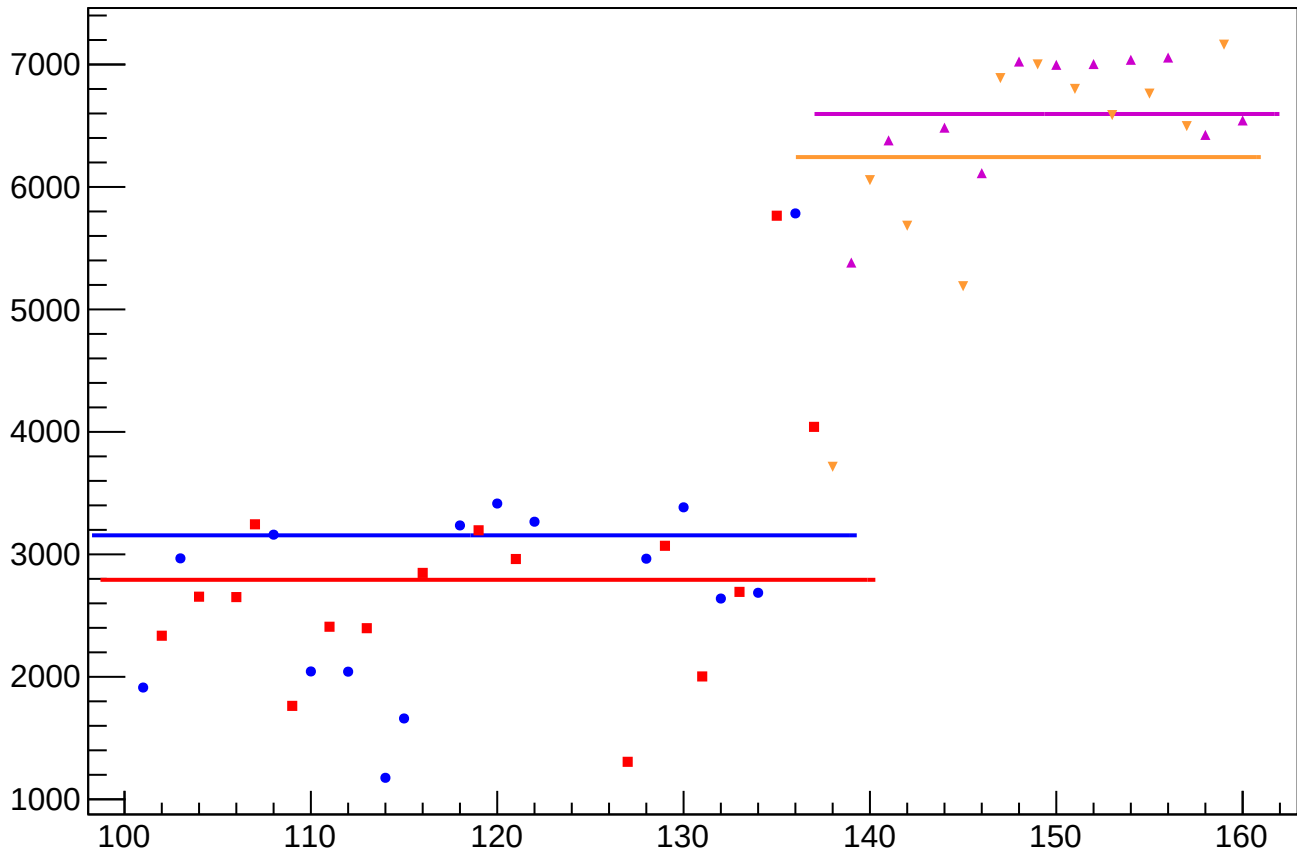
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

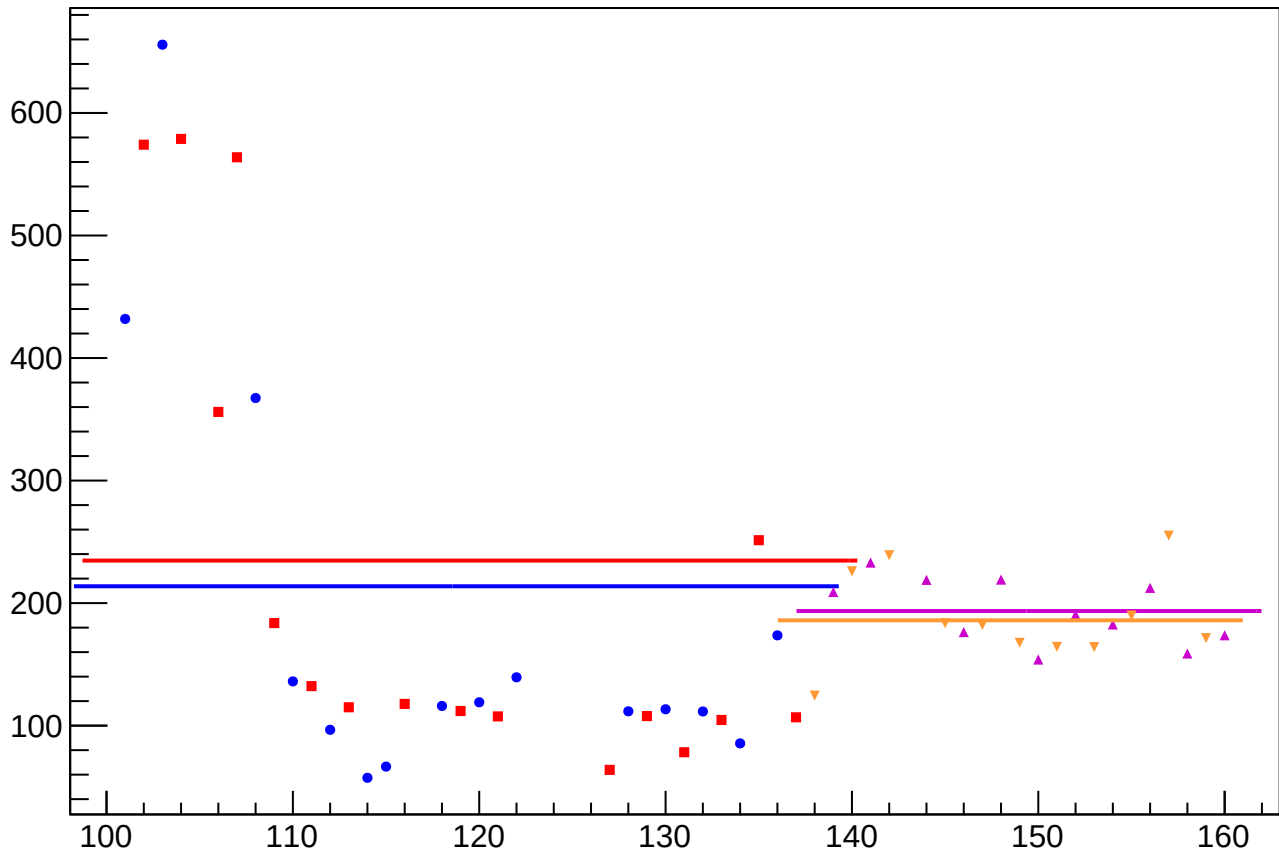
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_usl_coil3_mean vs Slug



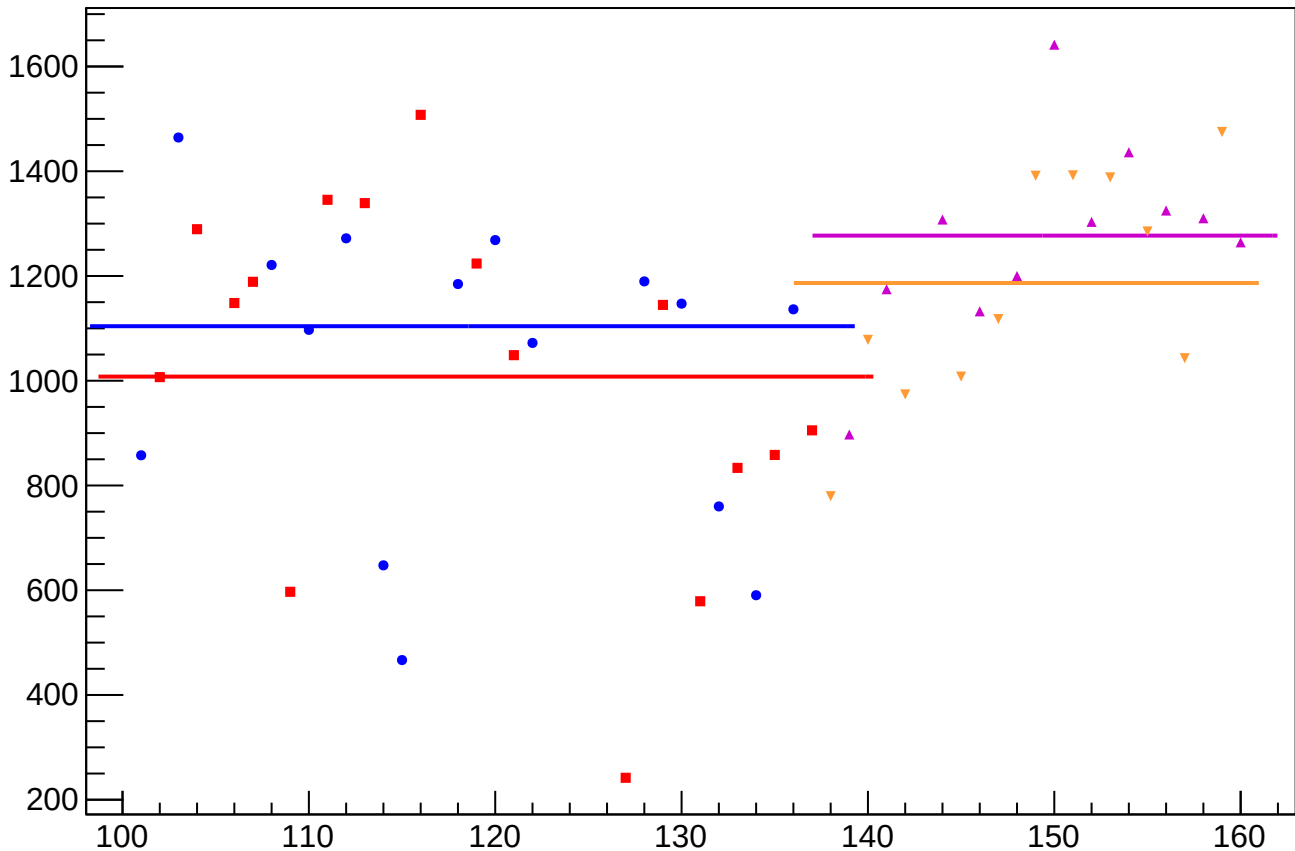
Right In: 3155.434+/-0.000	χ^2/NDF : 903550534773622902110918214033612996608.0/14	+ sign 4904.094+/-0.000	χ^2/NDF : 52199055193135
Left Out: 6243.976+/-0.000	χ^2/NDF : 811230786168378302780139165688711348224.0/10	All: 4954.171+/-0.000	χ^2/NDF : 1173127883
Right Out: 2792.245+/-0.000	χ^2/NDF : 674635749324173001973264427530986717184.0/15	- sign 5001.259+/-0.000	χ^2/NDF : 65040940380317
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
 Left Out: 185.948+/-0.000 χ^2/NDF : 1057706607595767583587974846640816128.0/10
 Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Left In: 193.543+/-0.000 χ^2/NDF : 598931150644293332680217057881489408.0/10

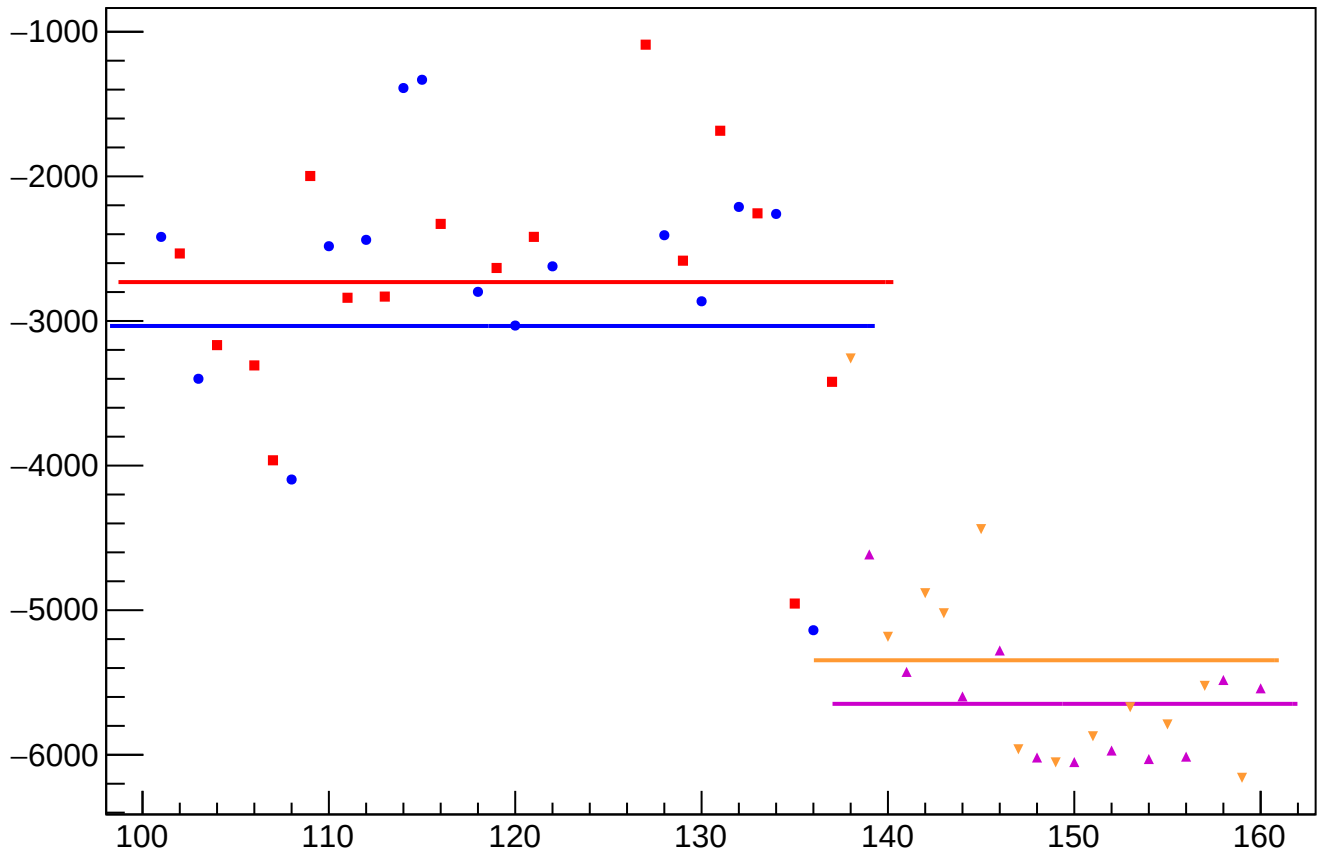
dit_usl_coil3_Ndata_mean vs Slug



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

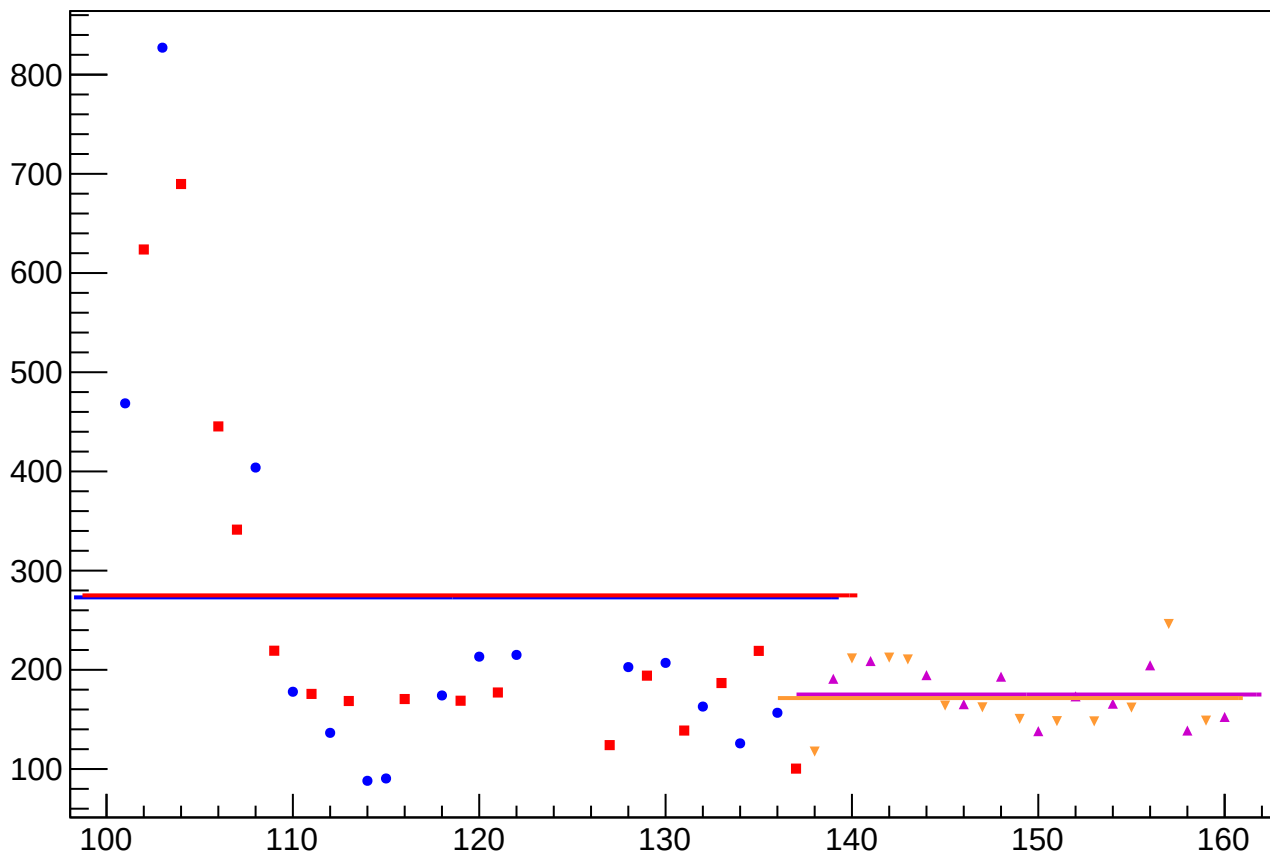
+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833
 All: 1157.745+/-0.000 χ^2/NDF : 20023337148
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

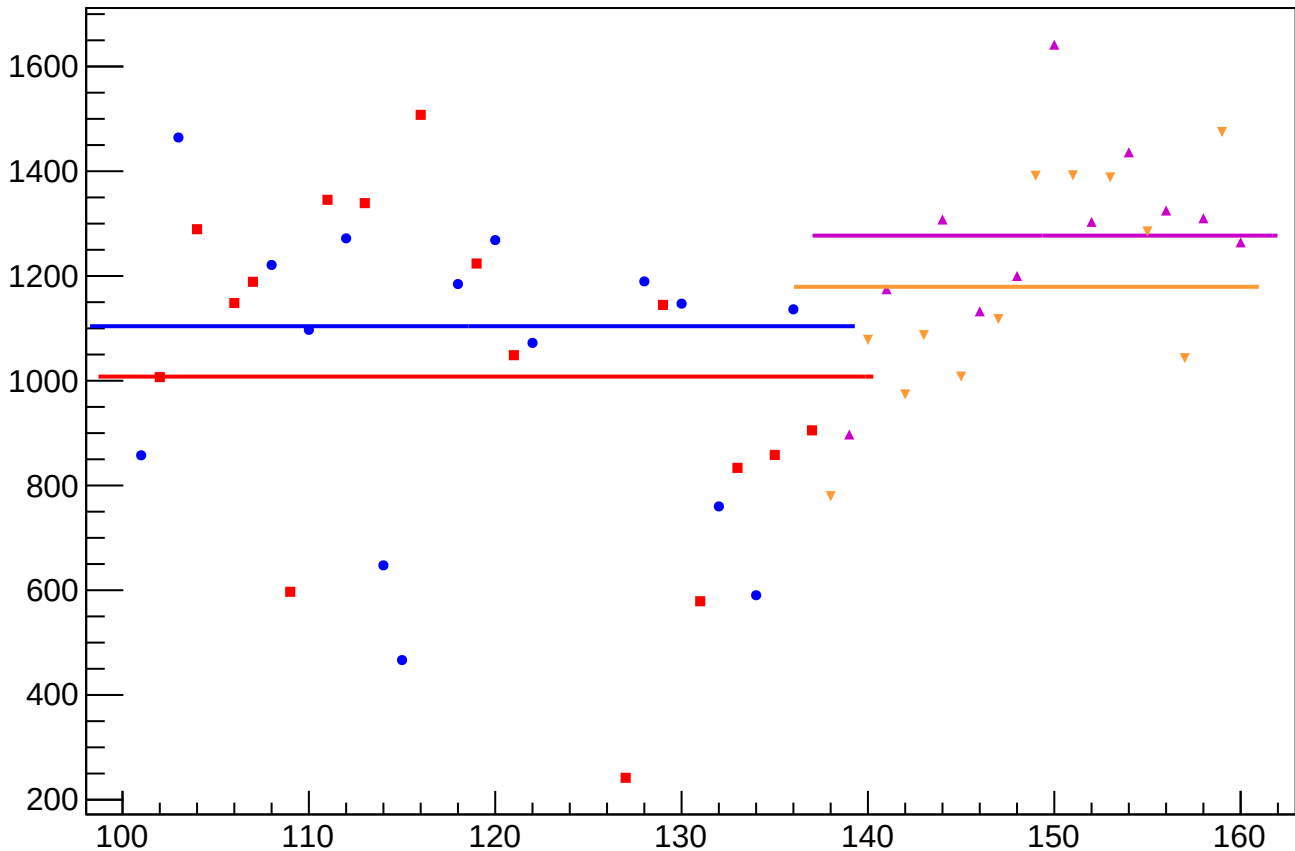
Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10

+ sign 213.672+/-0.000 χ^2/NDF : 315596615731596

All: 215.351+/-0.000 χ^2/NDF : 582347917810

- sign 217.000+/-0.000 χ^2/NDF : 266663969074785

dit_usr_coil3_Ndata_mean vs Slug



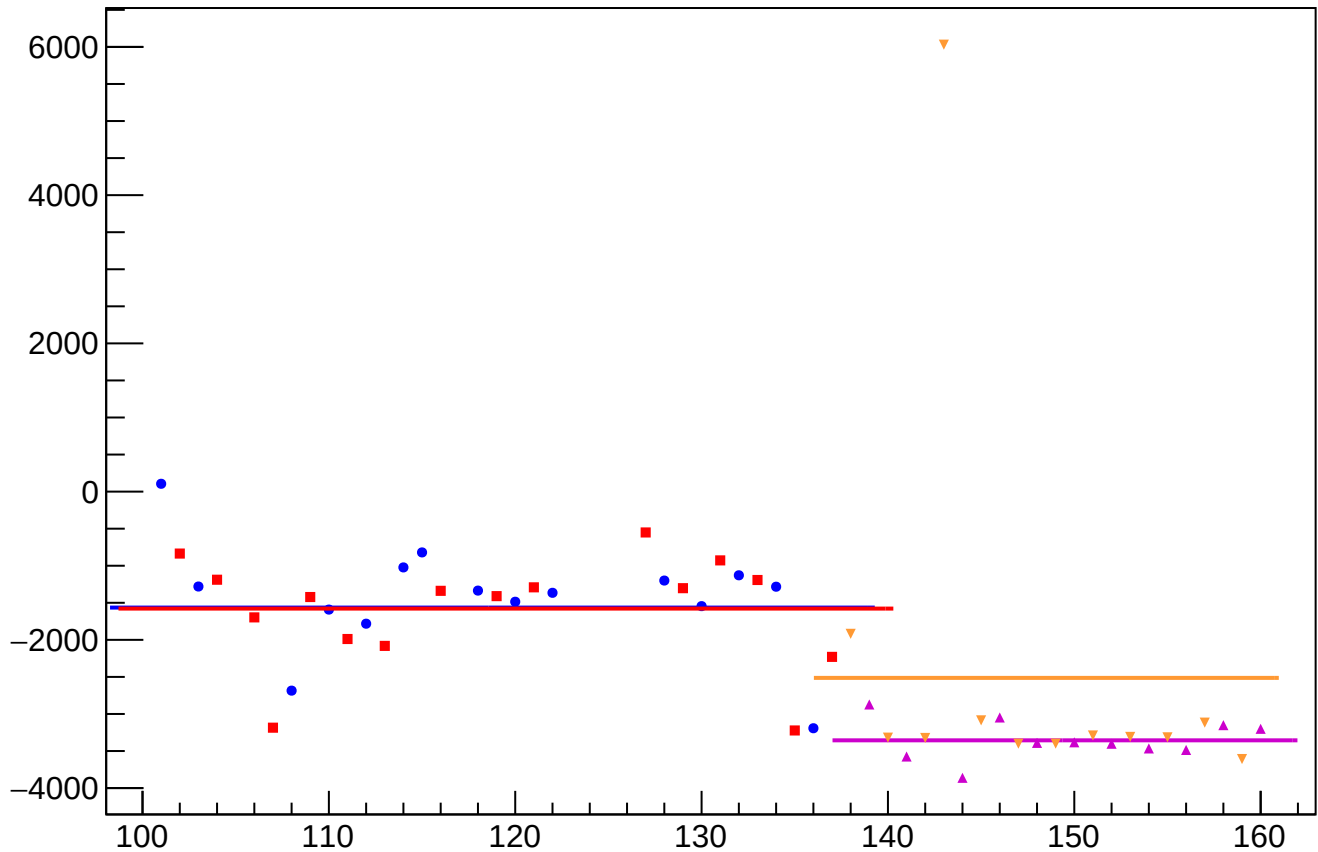
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

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

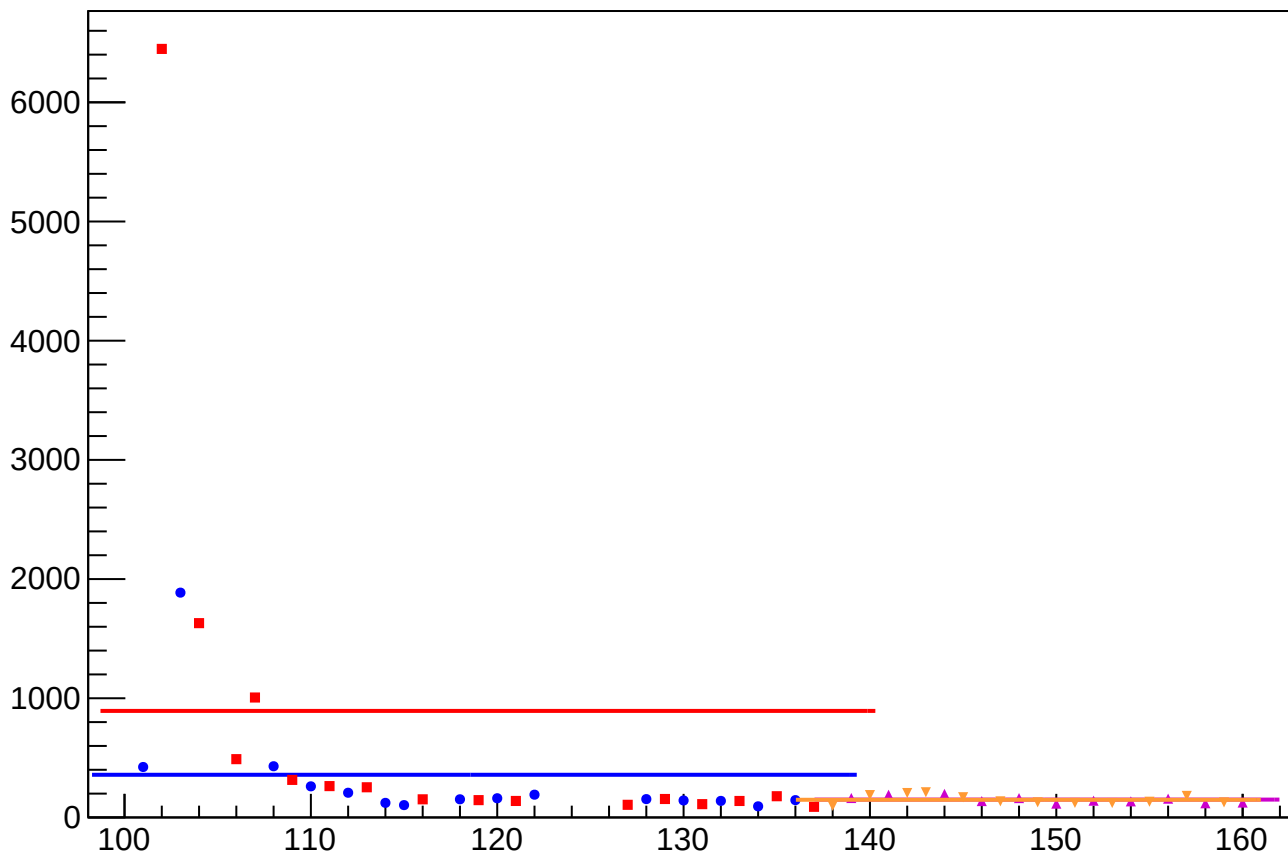
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

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
 All: -2367.087+/-0.000 χ^2/NDF : 8100740550
 + sign -2119.303+/-0.000 χ^2/NDF : 6256498974115
 - sign -2610.511+/-0.000 χ^2/NDF : 1654003244515

dit_atl1_coil3_err_mean vs Slug



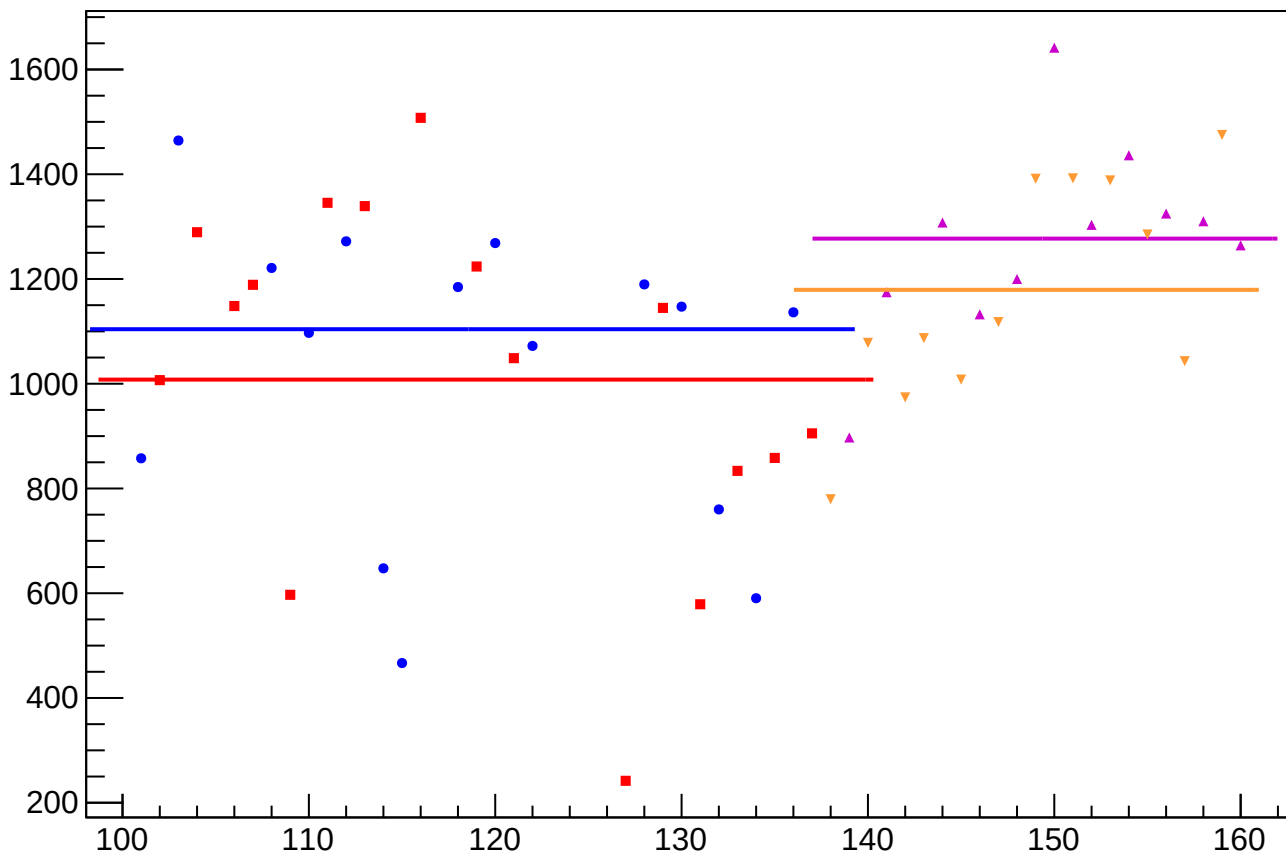
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

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

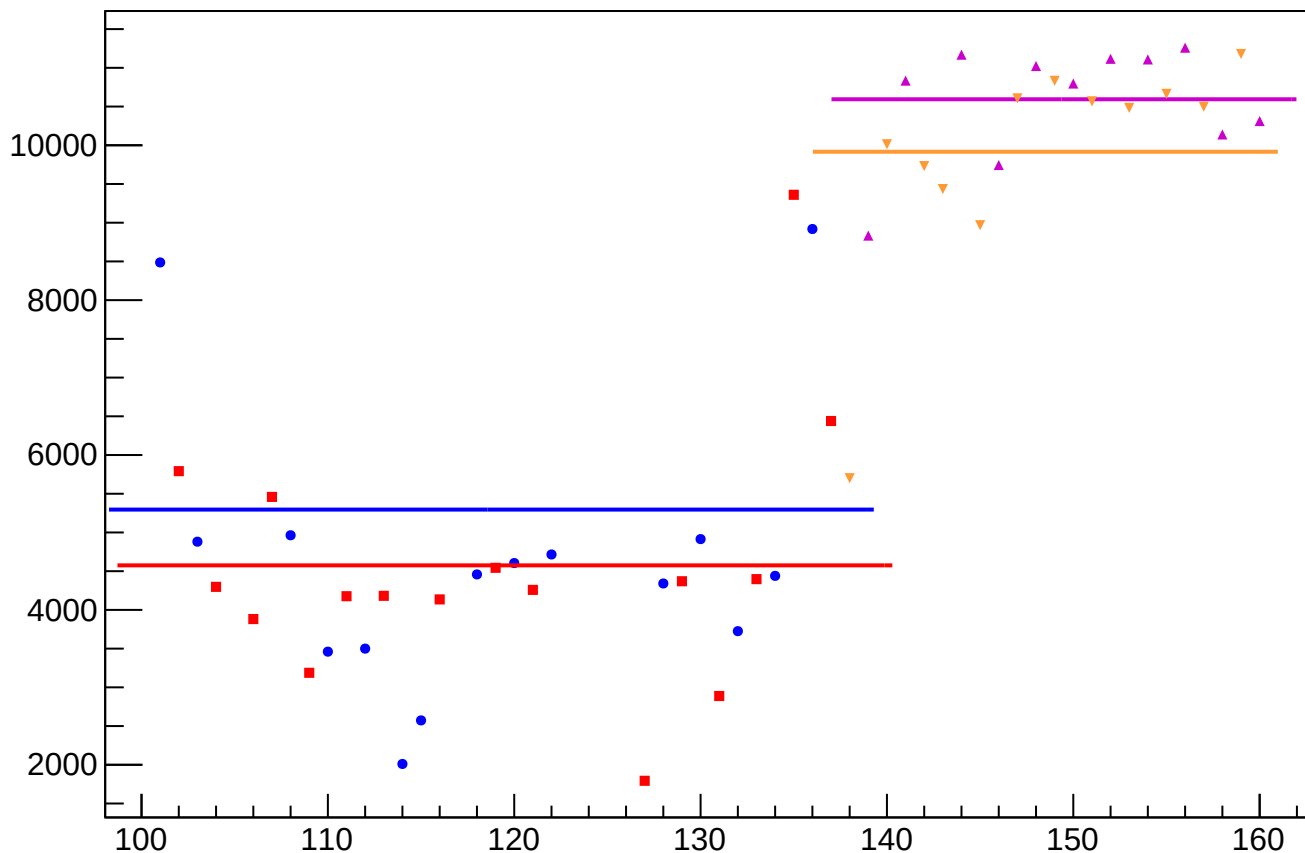
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

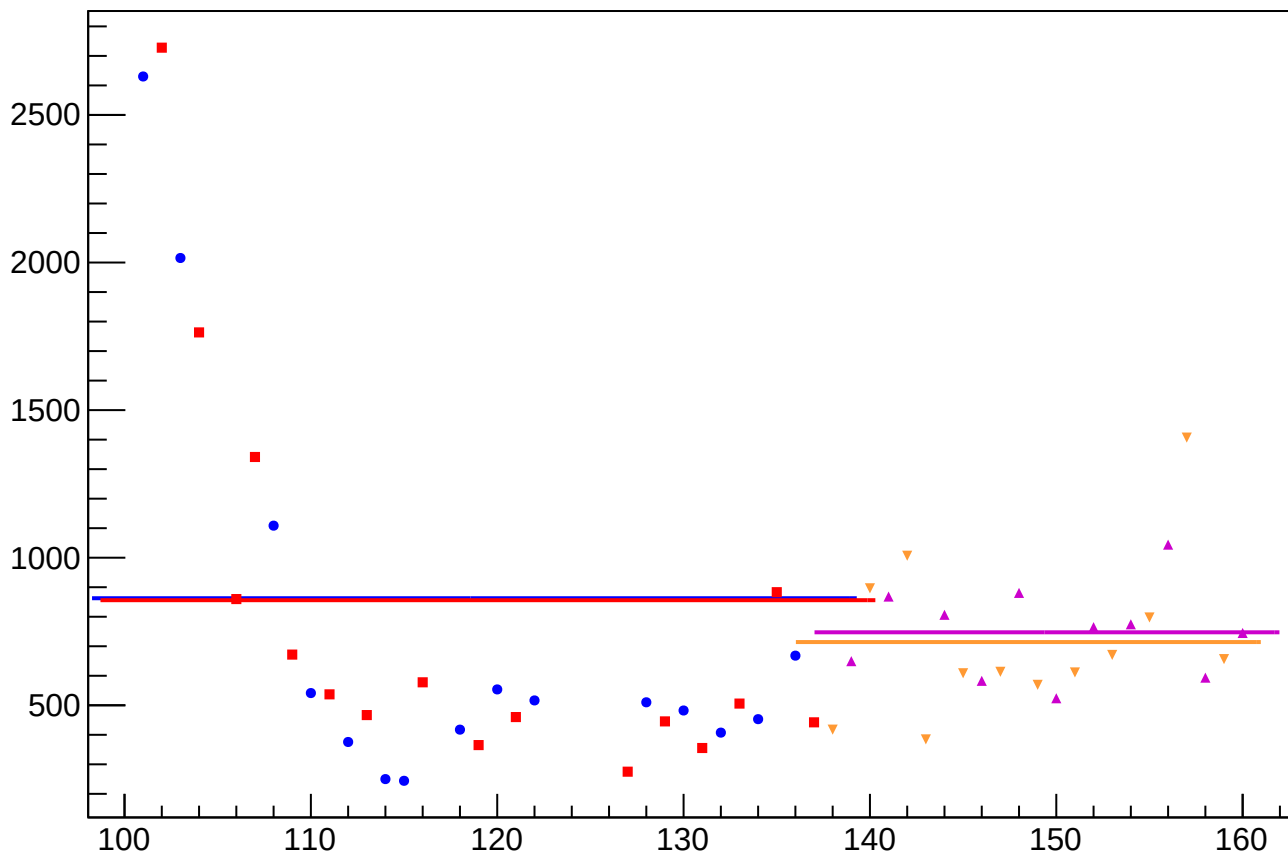
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atl2_coil3_mean vs Slug



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 9916.420 $\pm$ 0.000 χ^2 /NDF: 1840714392757174837254481771479116546048.0/11
 Right Out: 4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095 $\pm$ 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

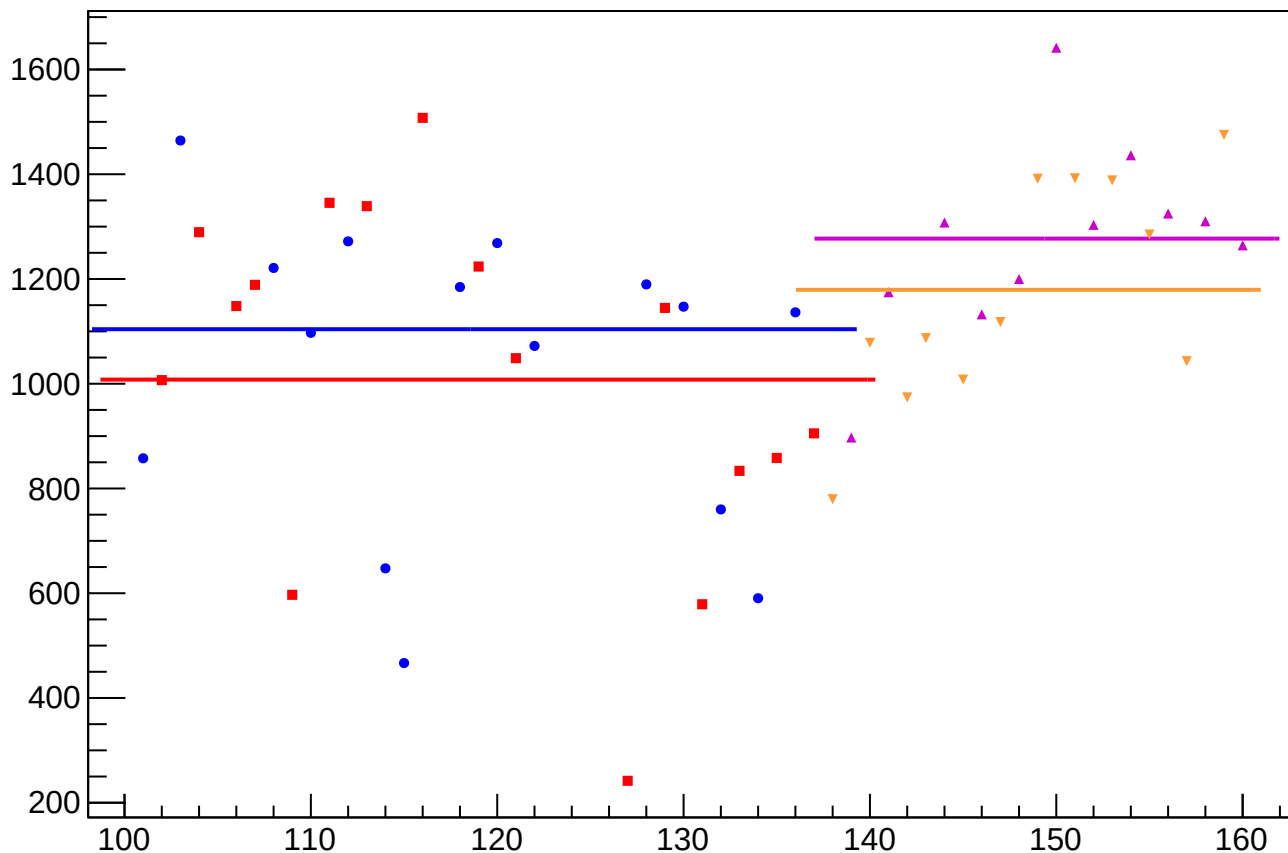
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ 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



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

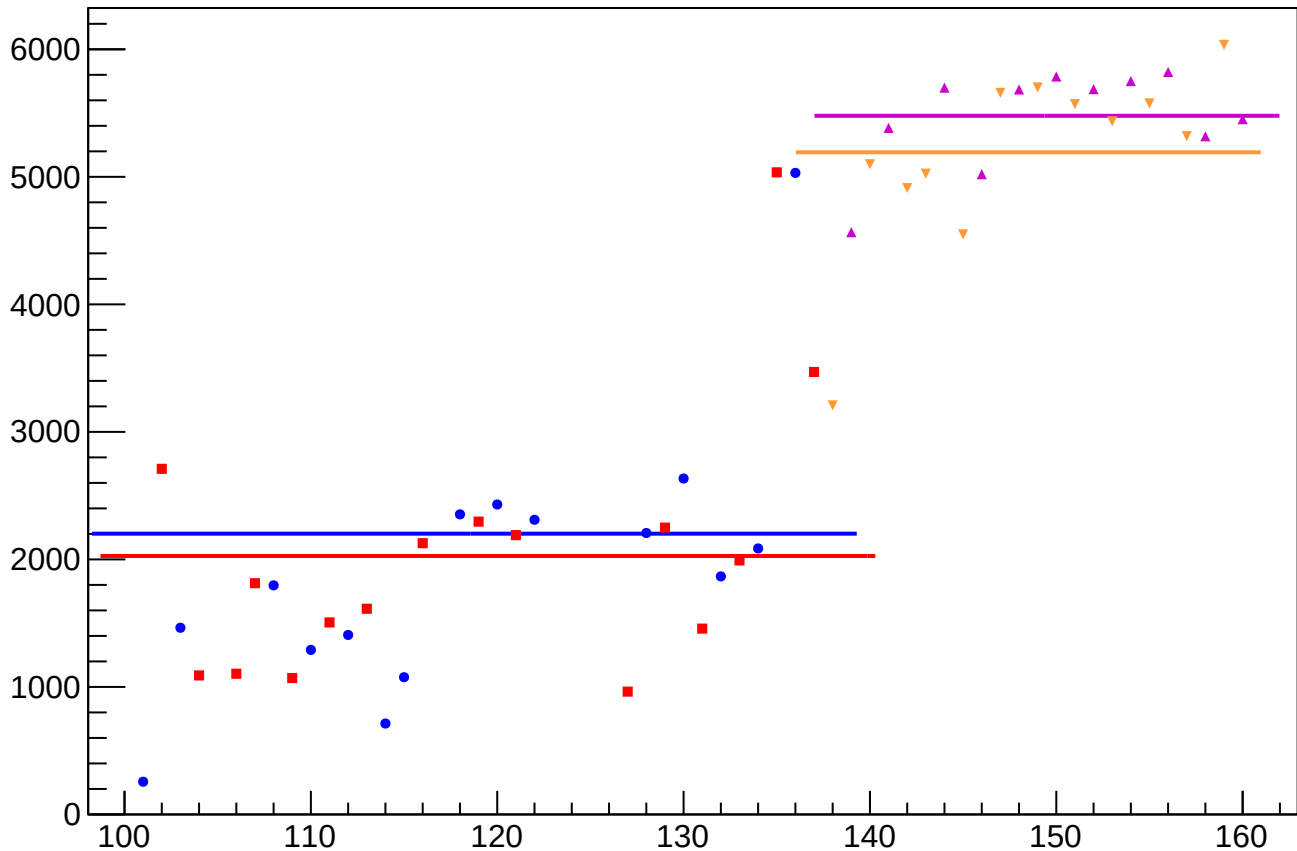
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 2005610203

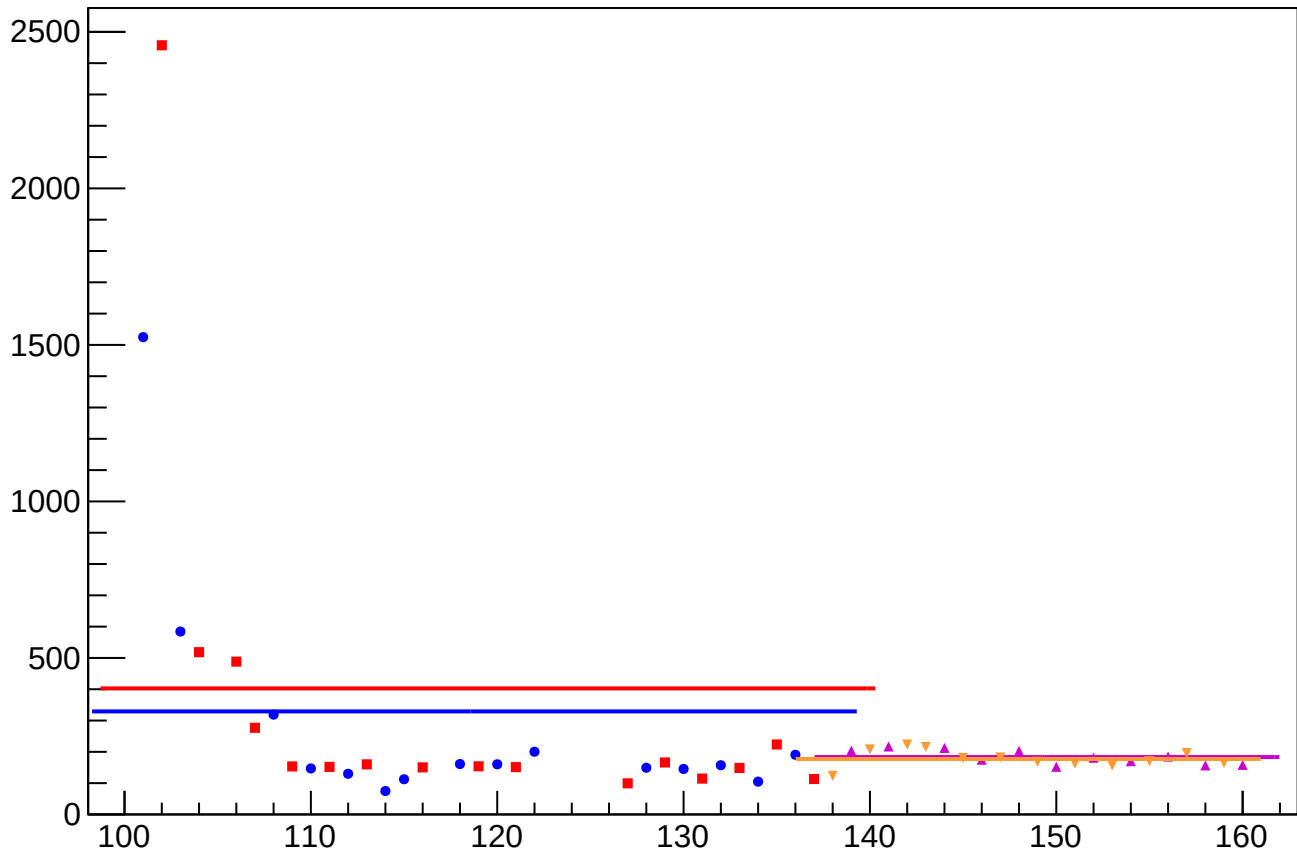
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_atr1_coil3_mean vs Slug



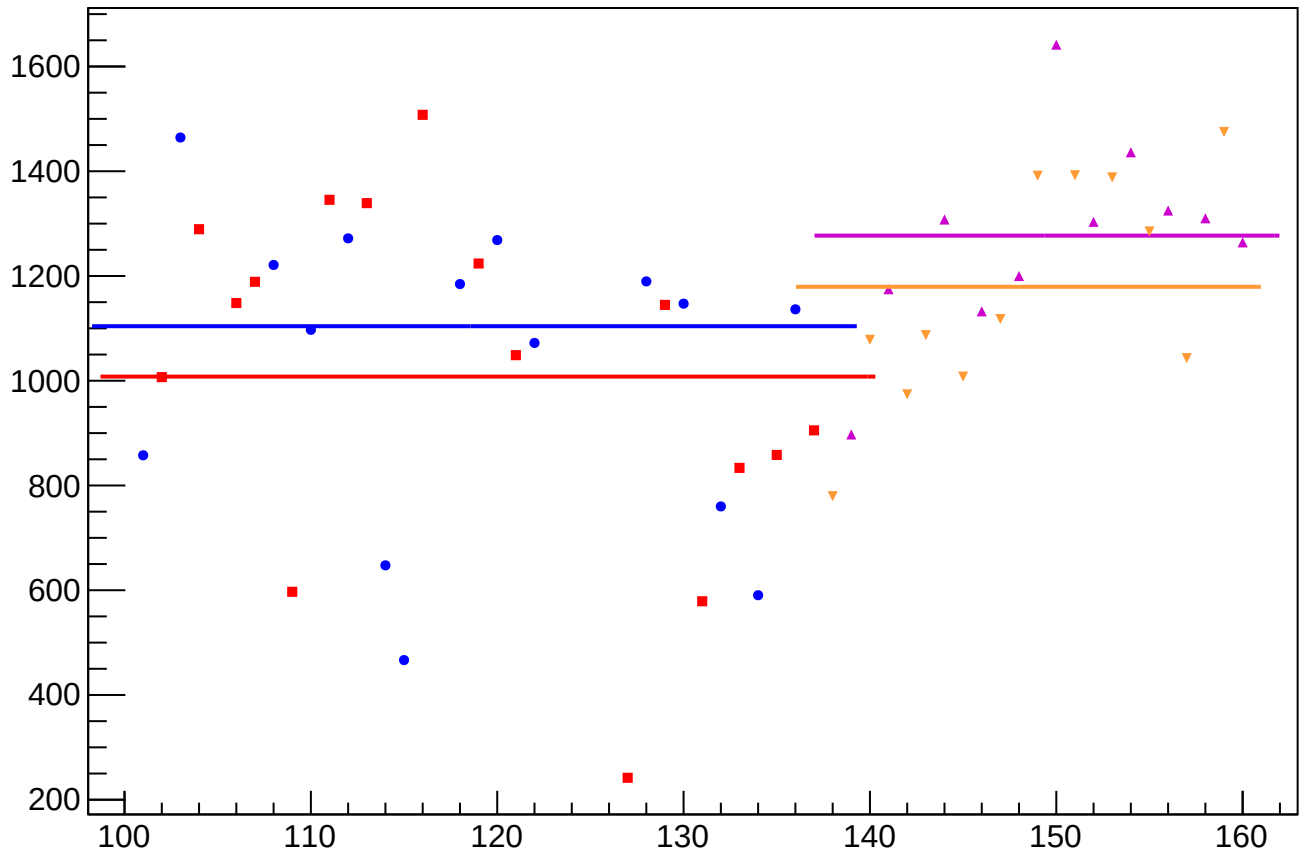
Right In: 2201.844 ± 0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5192.476 ± 0.000 χ^2/NDF : 470317118435532937200148346508624789504.0/11
 Right Out: 2026.969 ± 0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5478.713 ± 0.000 χ^2/NDF : 124186054771424011873849346802583601152.0/10

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

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

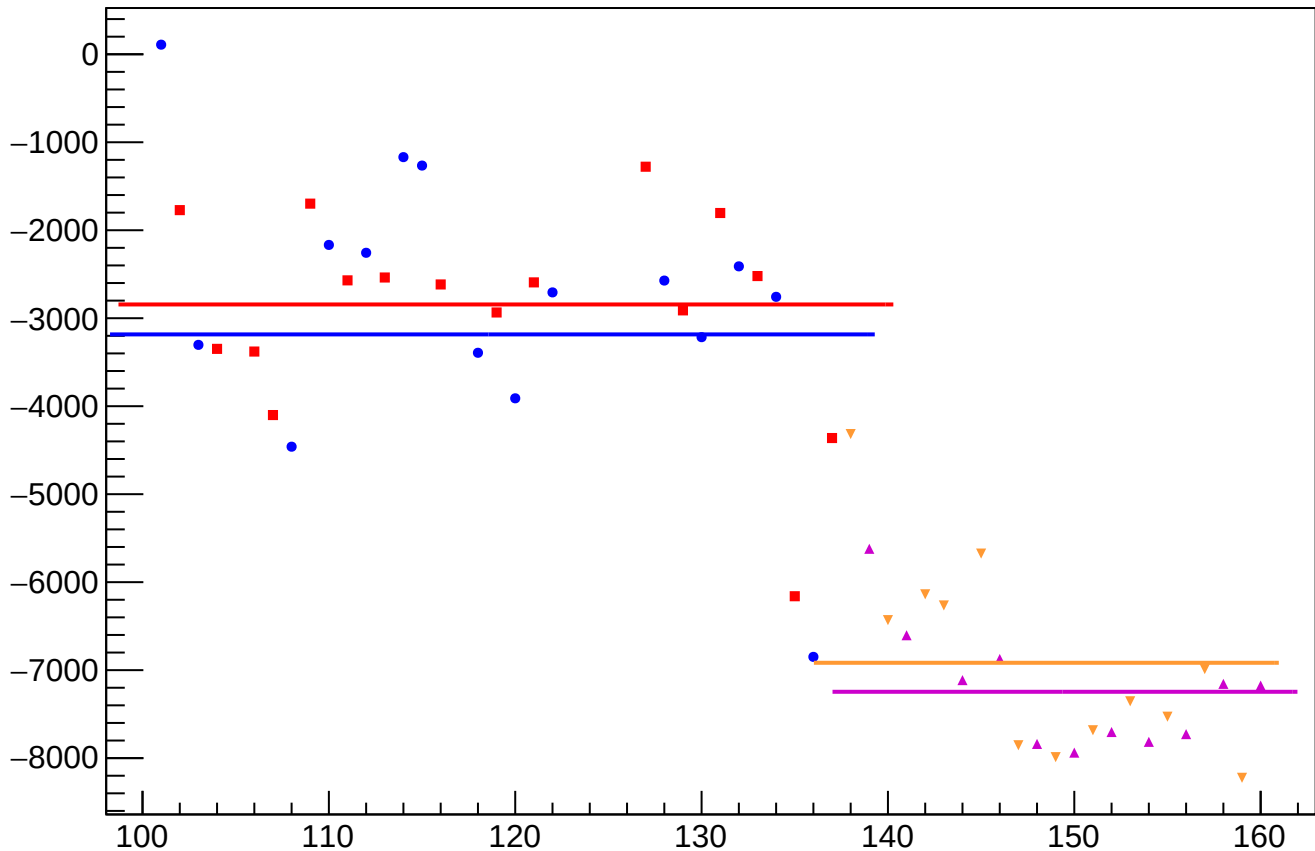
Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

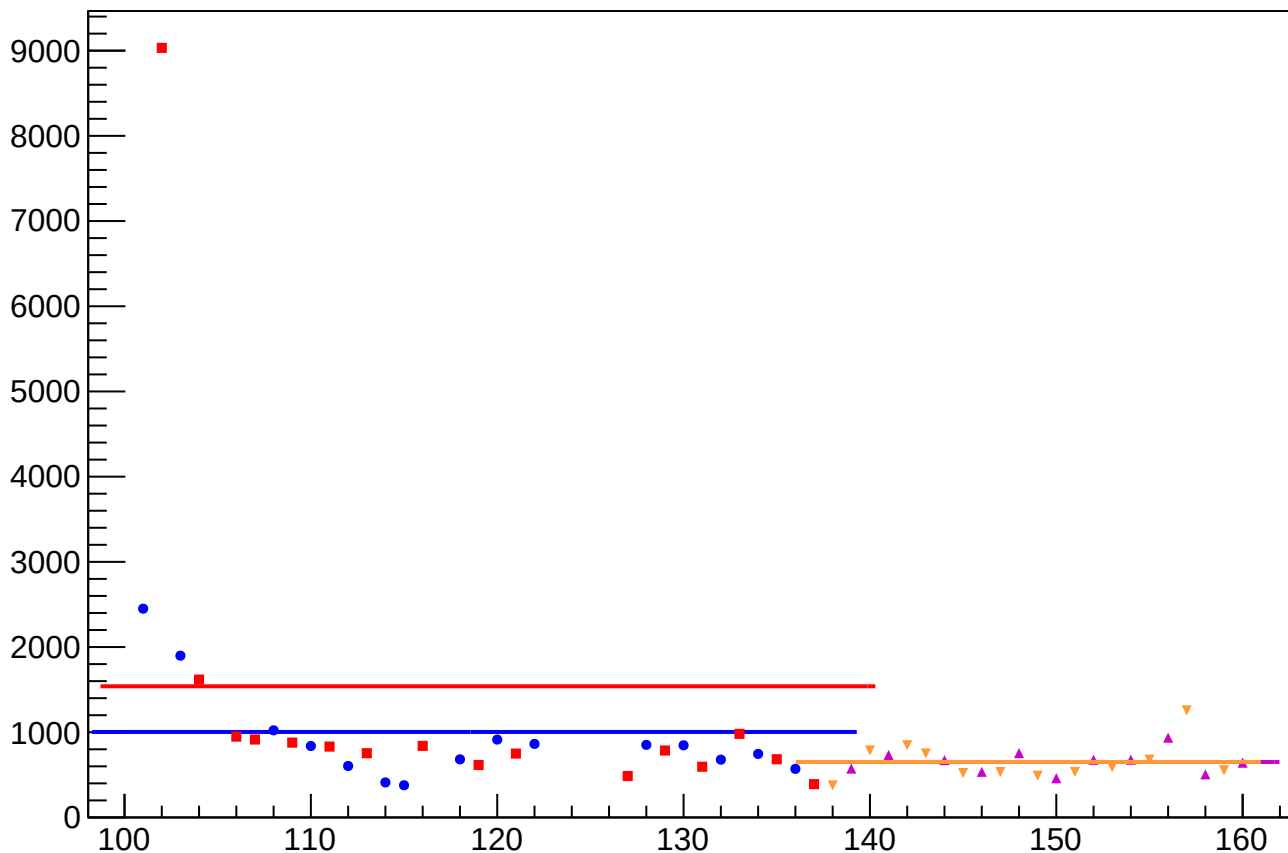
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

dit_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



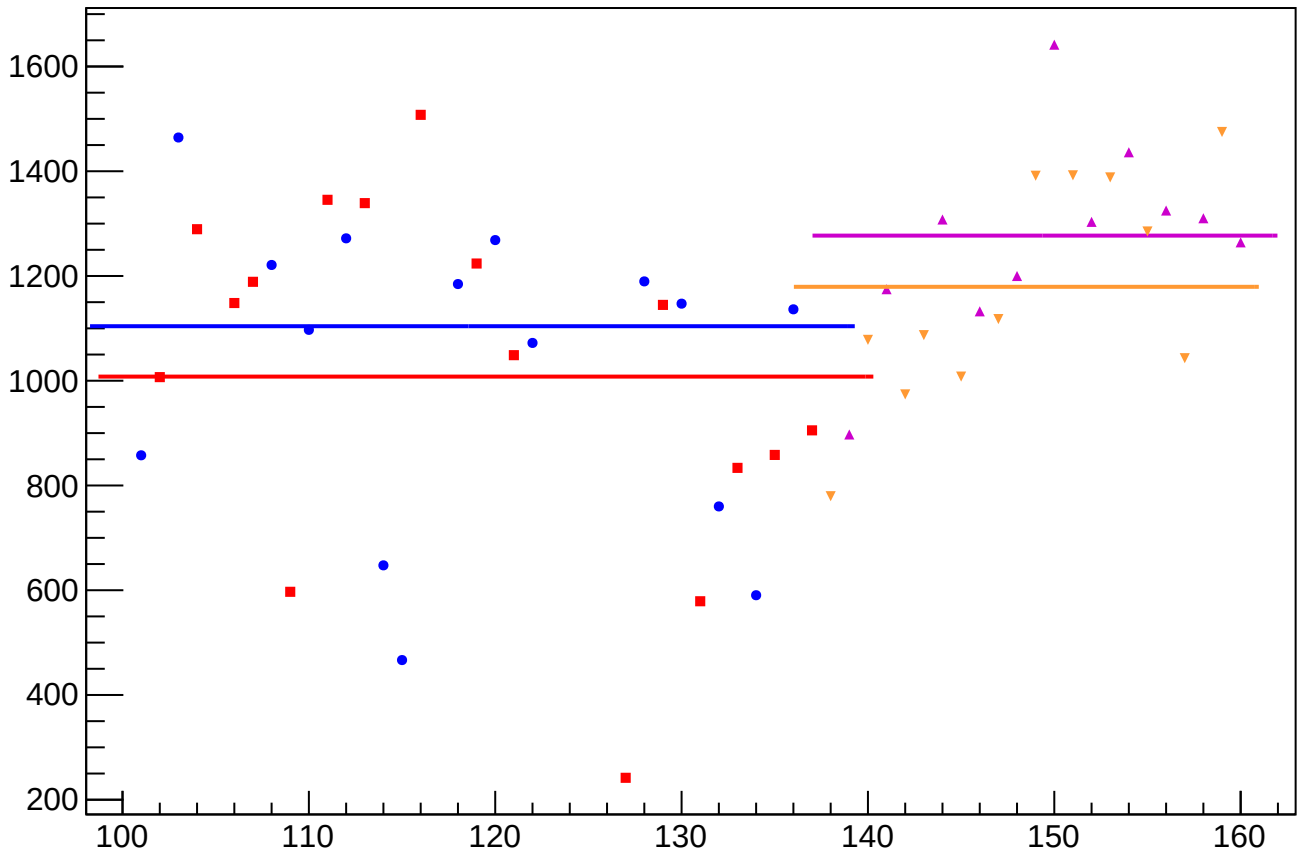
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

Left Out: 651.582+/-0.000 χ^2/NDF : 45579416700188389340899783793497341952.0/11

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

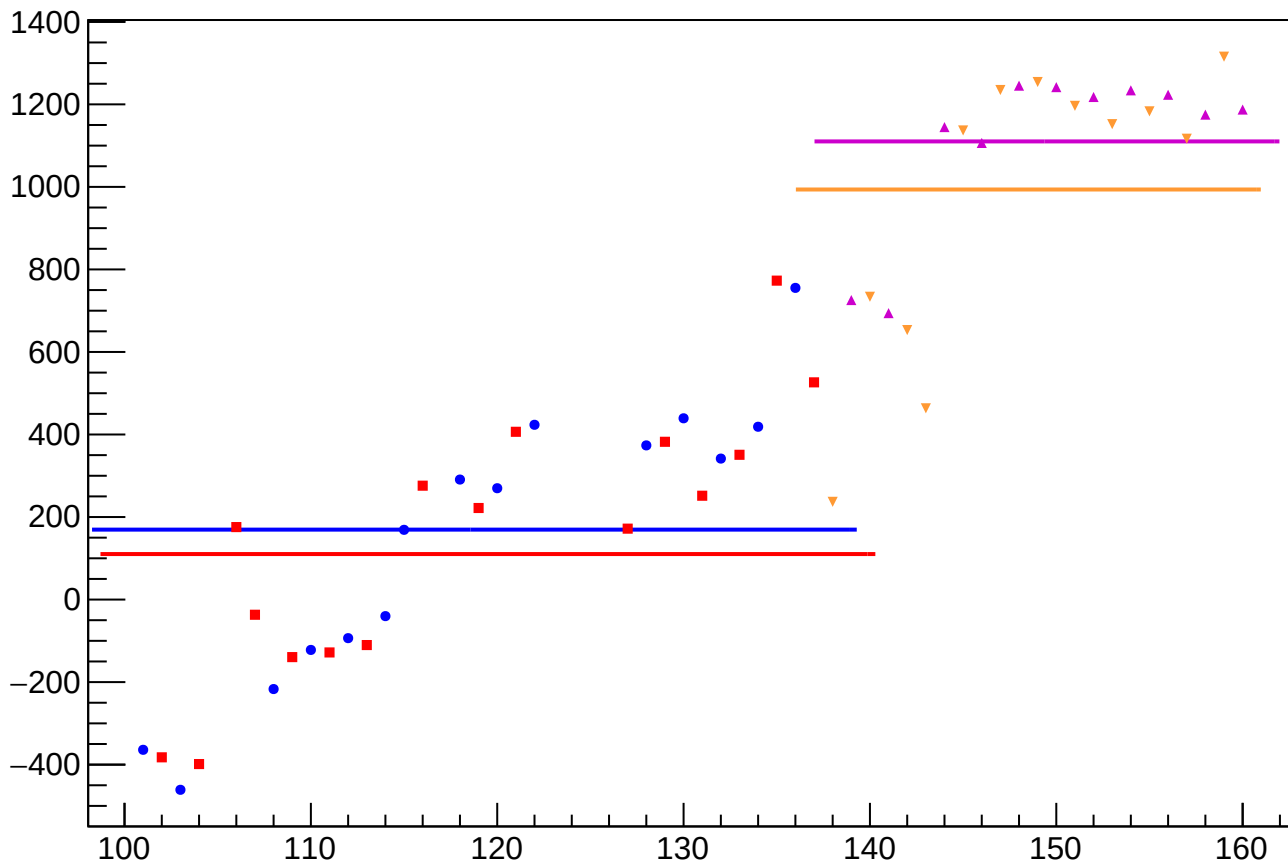
Left In: 650.769+/-0.000 χ^2/NDF : 14776465774858799846922535858394365952.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 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

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

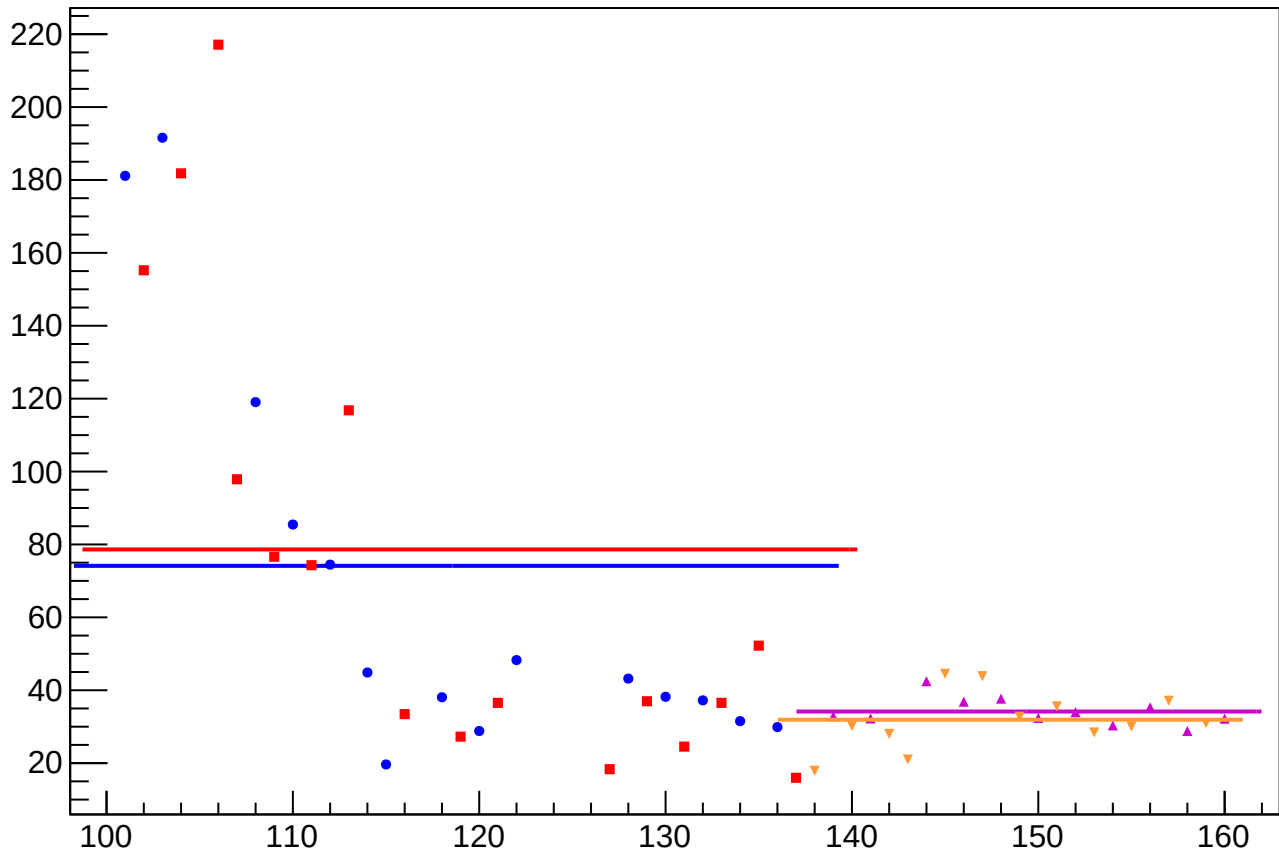
All: 671.406+/-0.000 χ^2/NDF : 951499306925

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

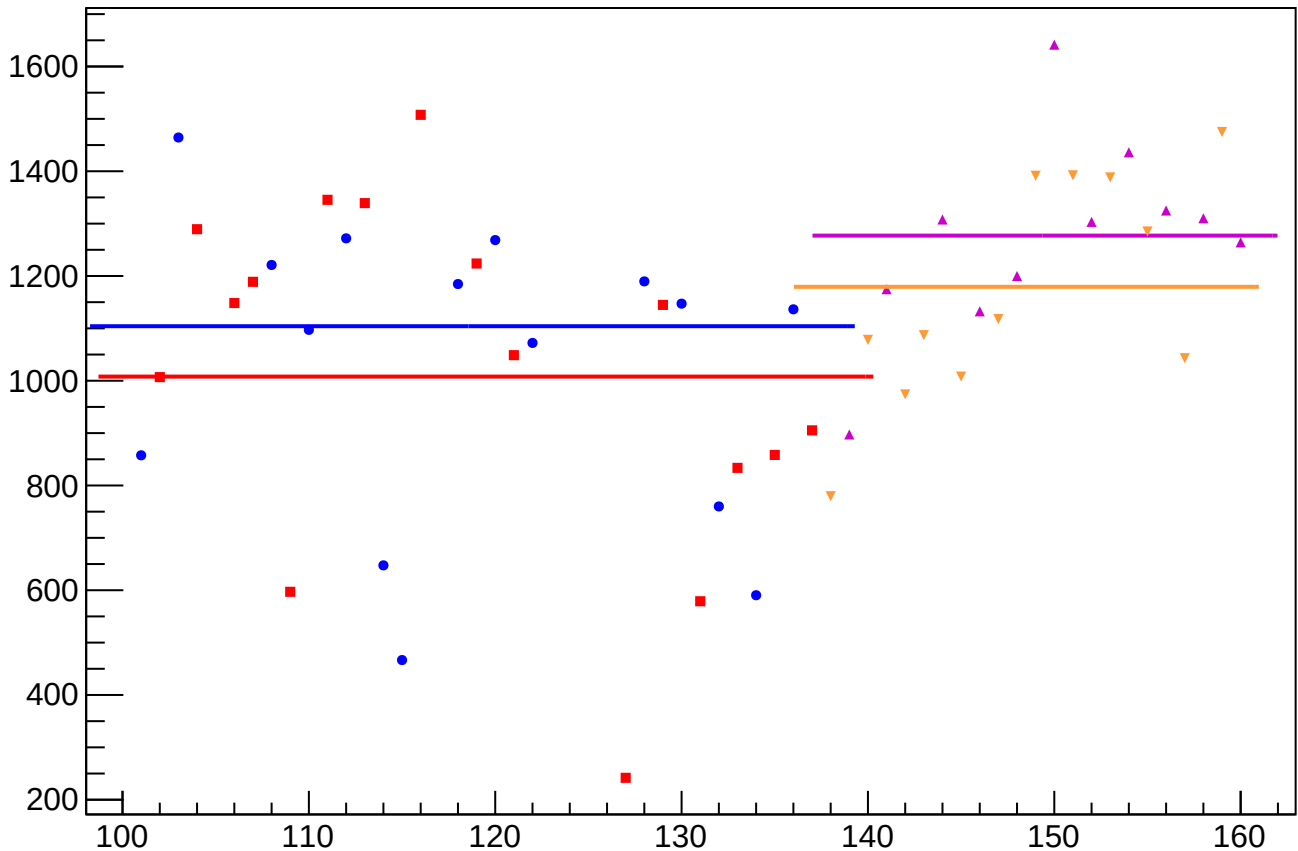
Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ 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

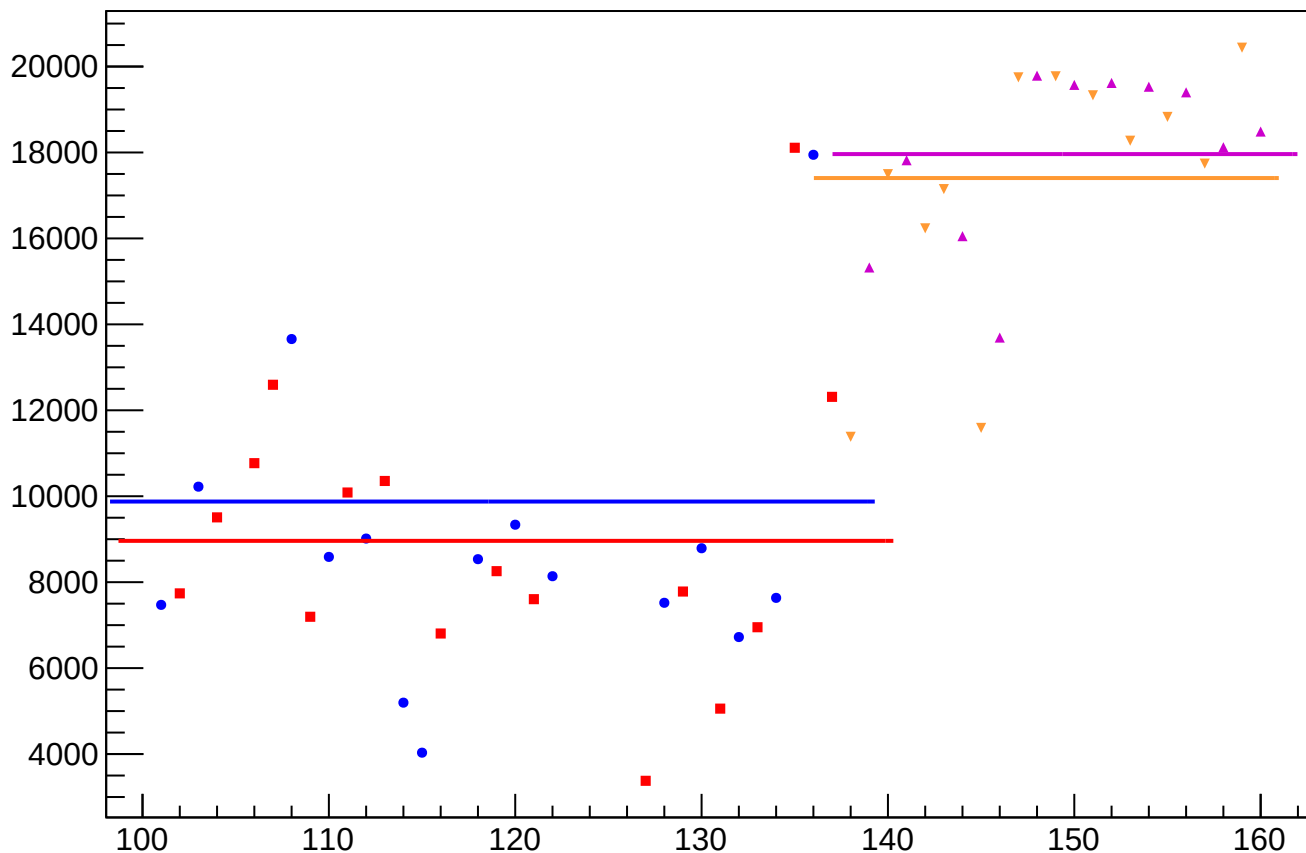
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

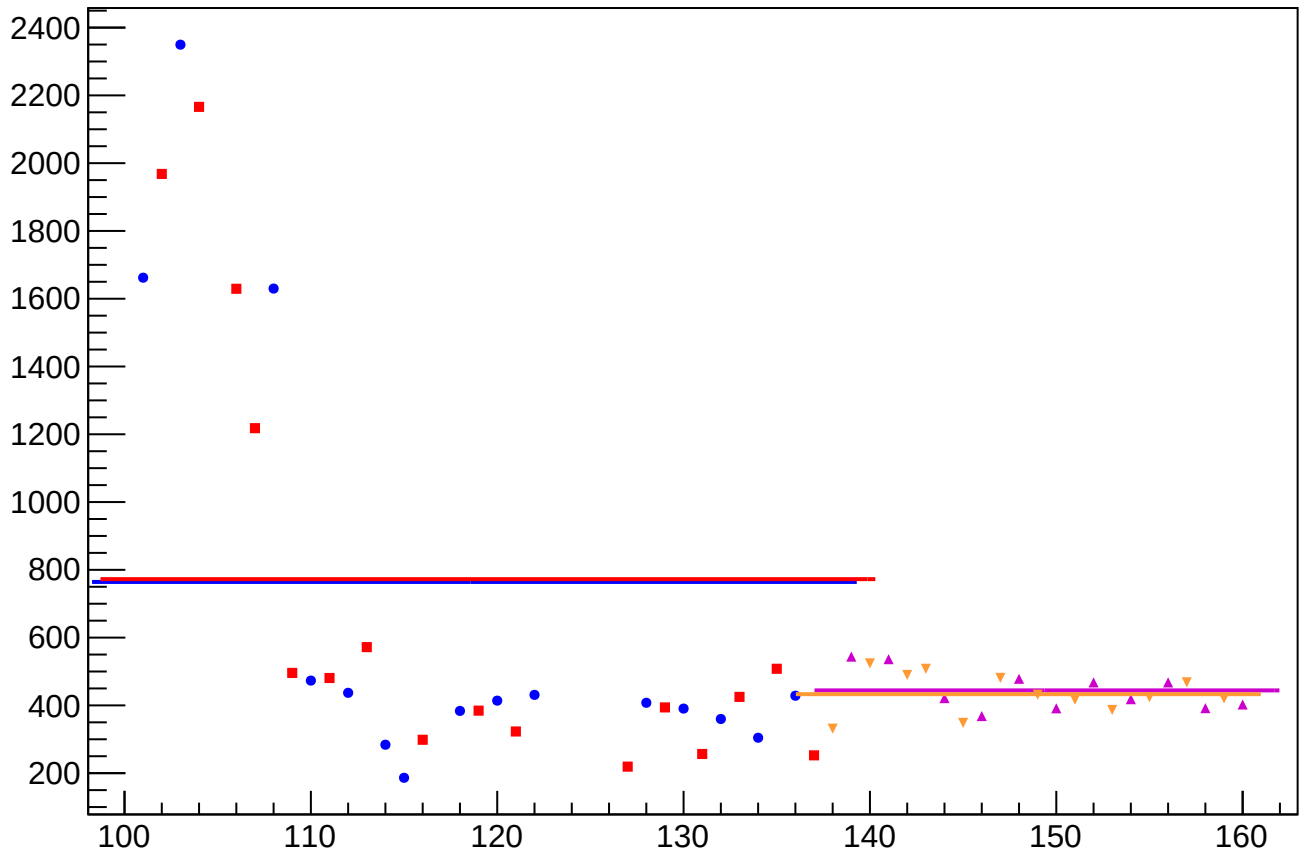
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



Right In: 9876.530 $\pm$ 0.000 χ^2 /NDF: 8483360287053054122301651905797133697024.0/14
 Left Out: 17405.049 $\pm$ 0.000 χ^2 /NDF: 7689801671099378791544545422175664865280.0/11
 Right Out: 8961.593 $\pm$ 0.000 χ^2 /NDF: 7583728644146461427304320888408335450112.0/15
 Left In: 17962.529 $\pm$ 0.000 χ^2 /NDF: 3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 433.079+/-0.000 χ^2/NDF : 3070370524438239159273190119476035584.0/11

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

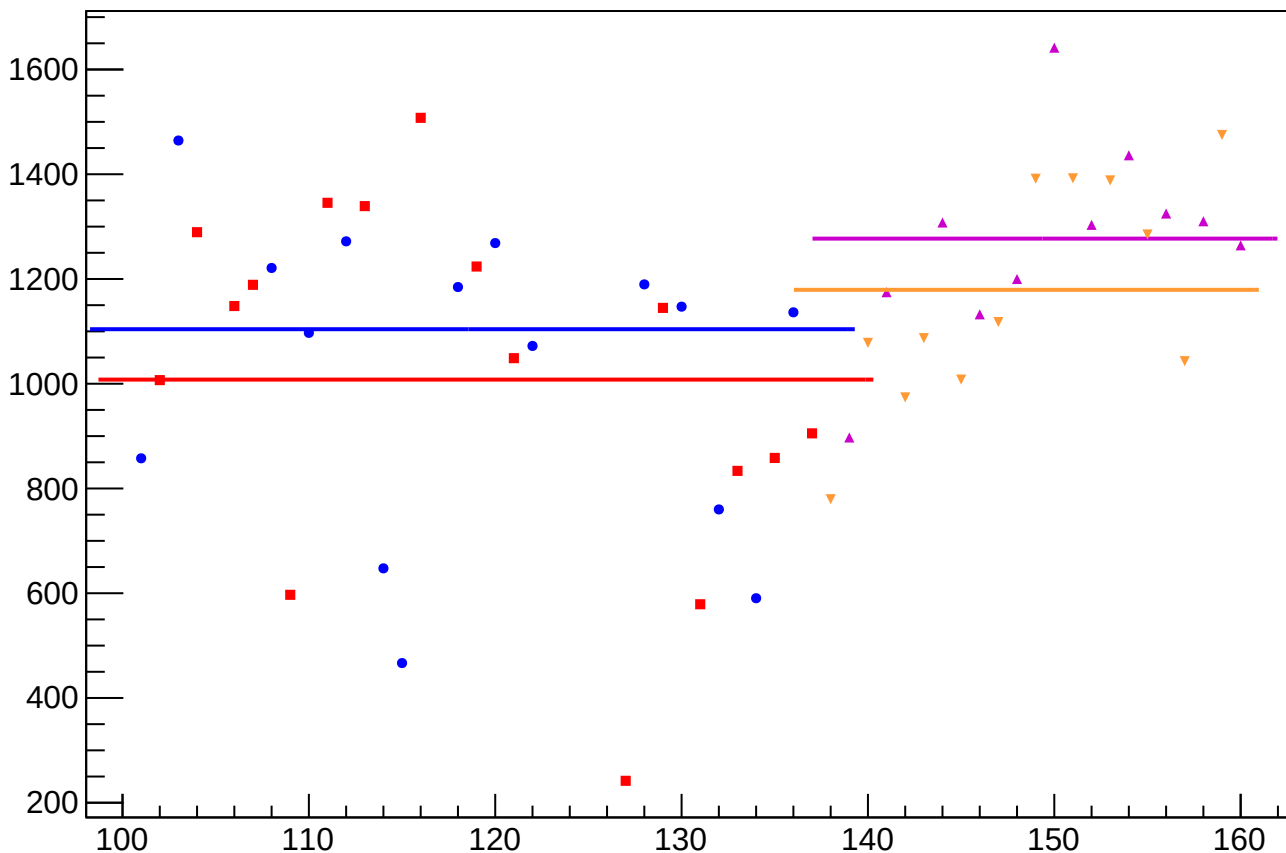
Left In: 444.245+/-0.000 χ^2/NDF : 2906625839452991270105053894151241728.0/10

+ sign 570.604+/-0.000 χ^2/NDF : 335667061264854

All: 576.292+/-0.000 χ^2/NDF : 666328037619

- sign 581.880+/-0.000 χ^2/NDF : 330560730510906

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

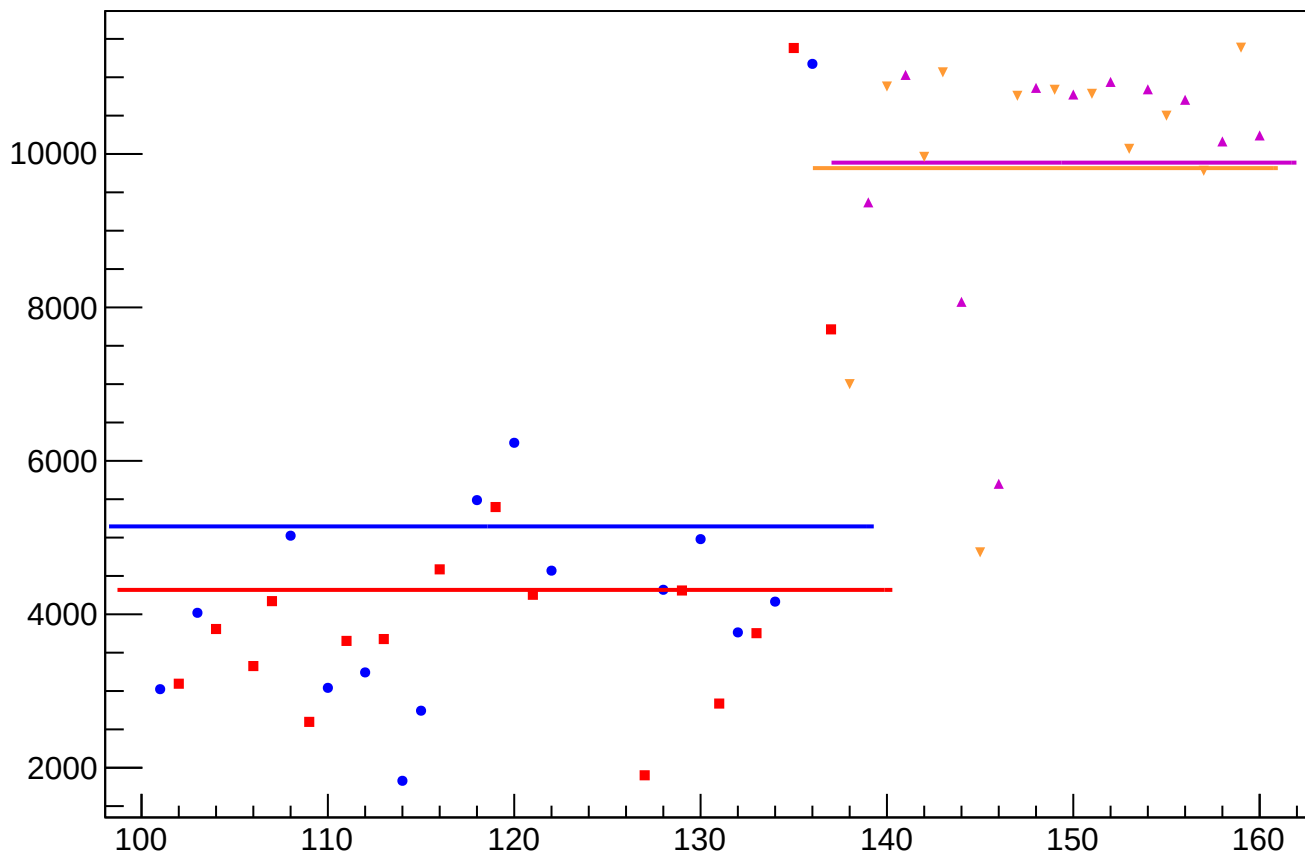
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

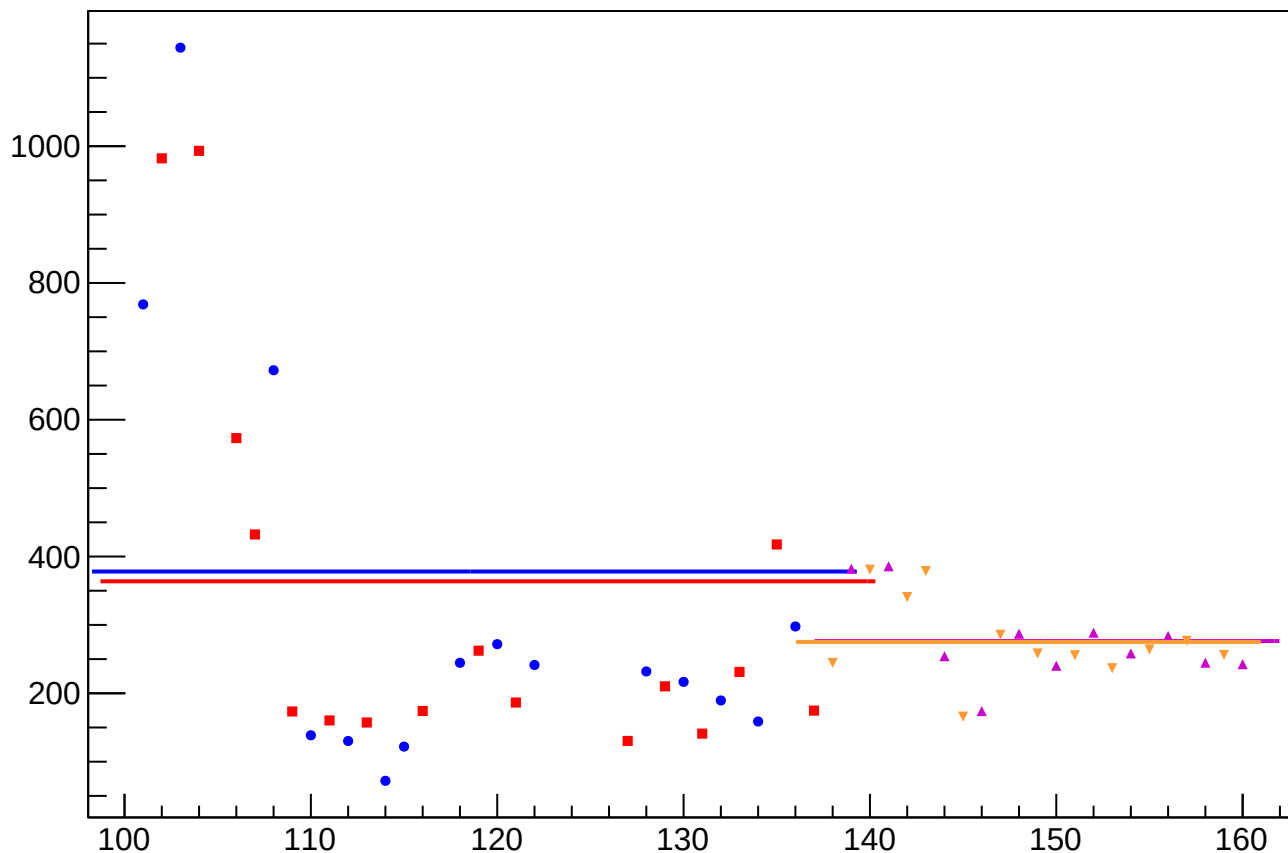
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

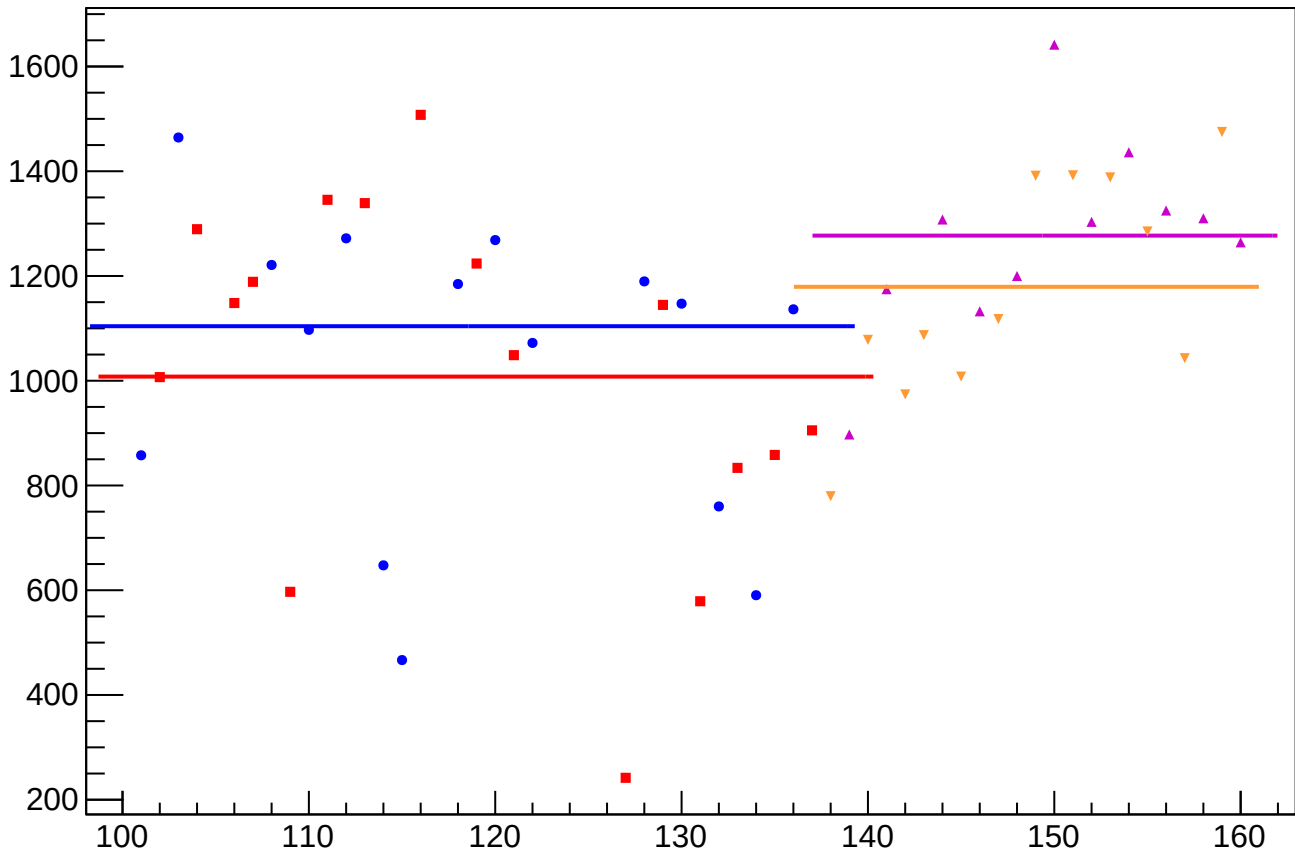
Left In: 276.429+/-0.000 χ^2/NDF : 3176476969276554988209041450490396672.0/10

+ 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

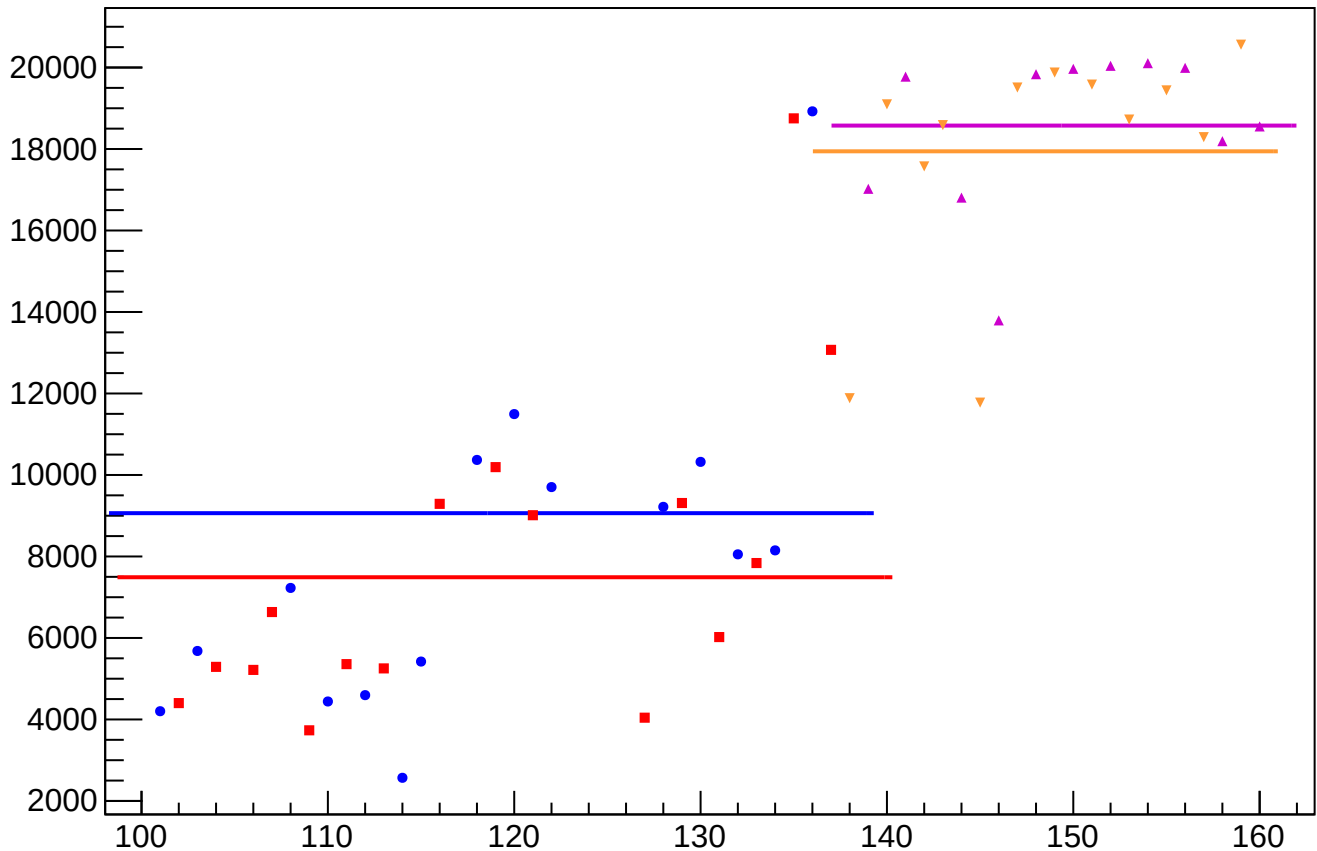
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

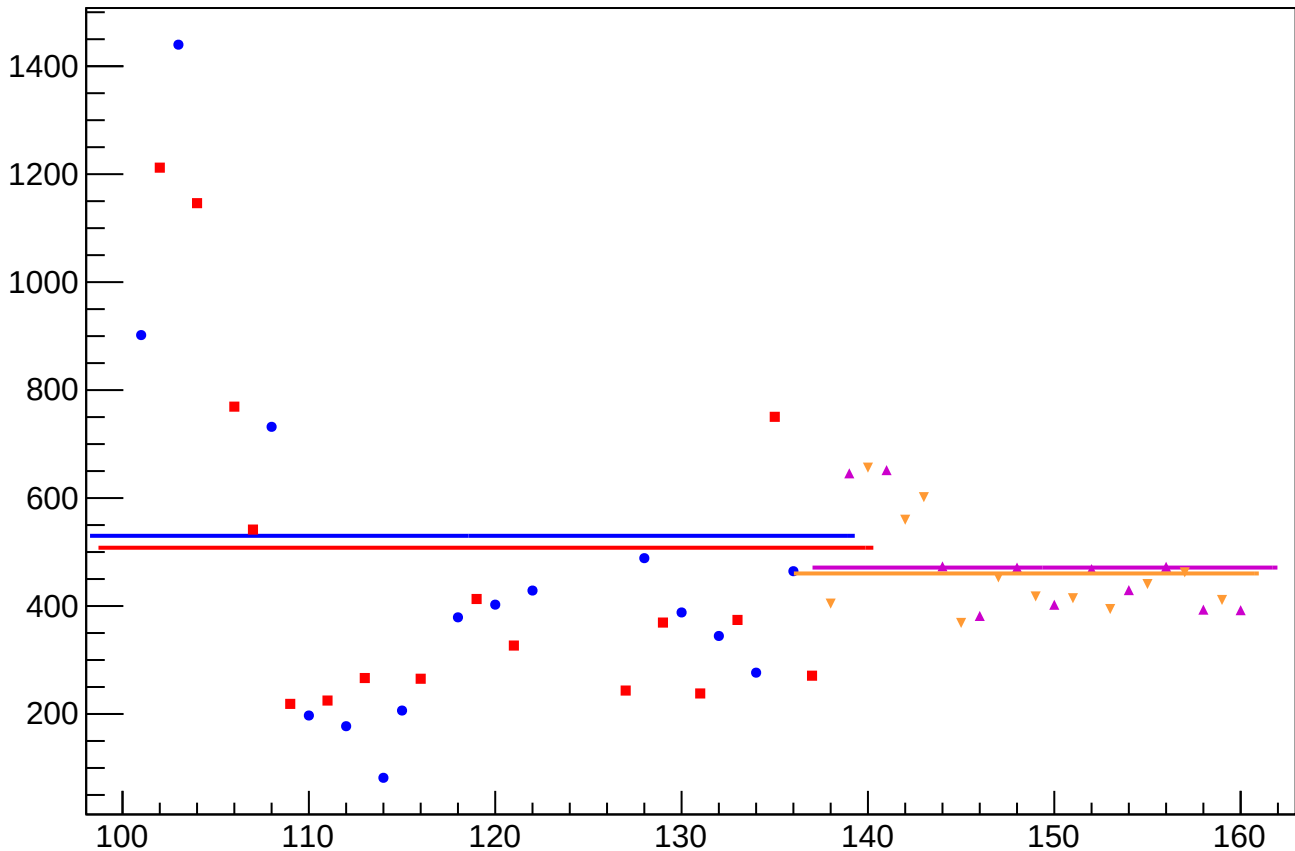
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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



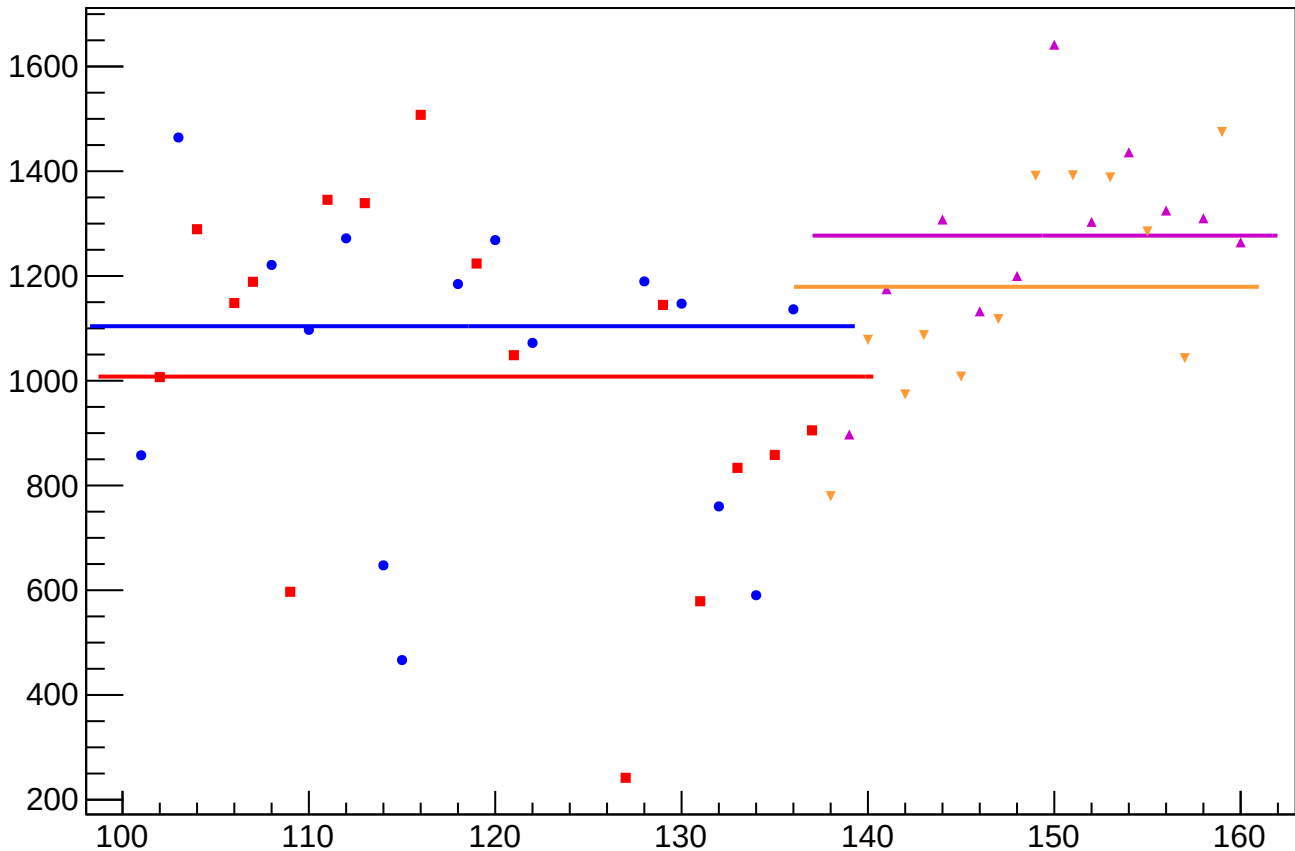
Right In: 530.057 $\pm$ 0.000 χ^2 /NDF: 78754676063063255524046471751880671232.0/14

Left Out: 460.312 $\pm$ 0.000 χ^2 /NDF: 6754606428371283053517529701630869504.0/11

Right Out: 507.987 $\pm$ 0.000 χ^2 /NDF: 76689734698308464337881841969555046400.0/15

Left In: 471.219 $\pm$ 0.000 χ^2 /NDF: 744597321916033625746772011051745280.0/10

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

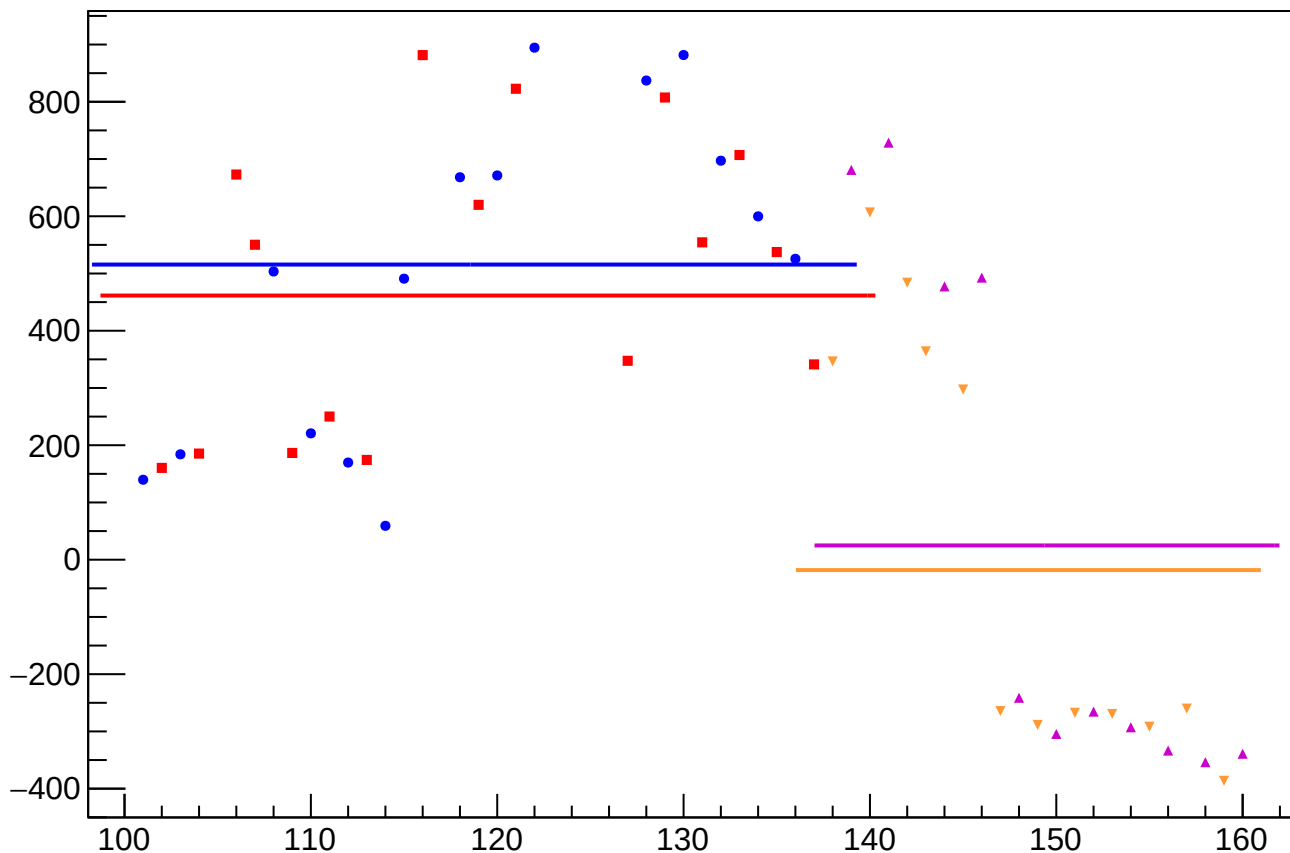
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

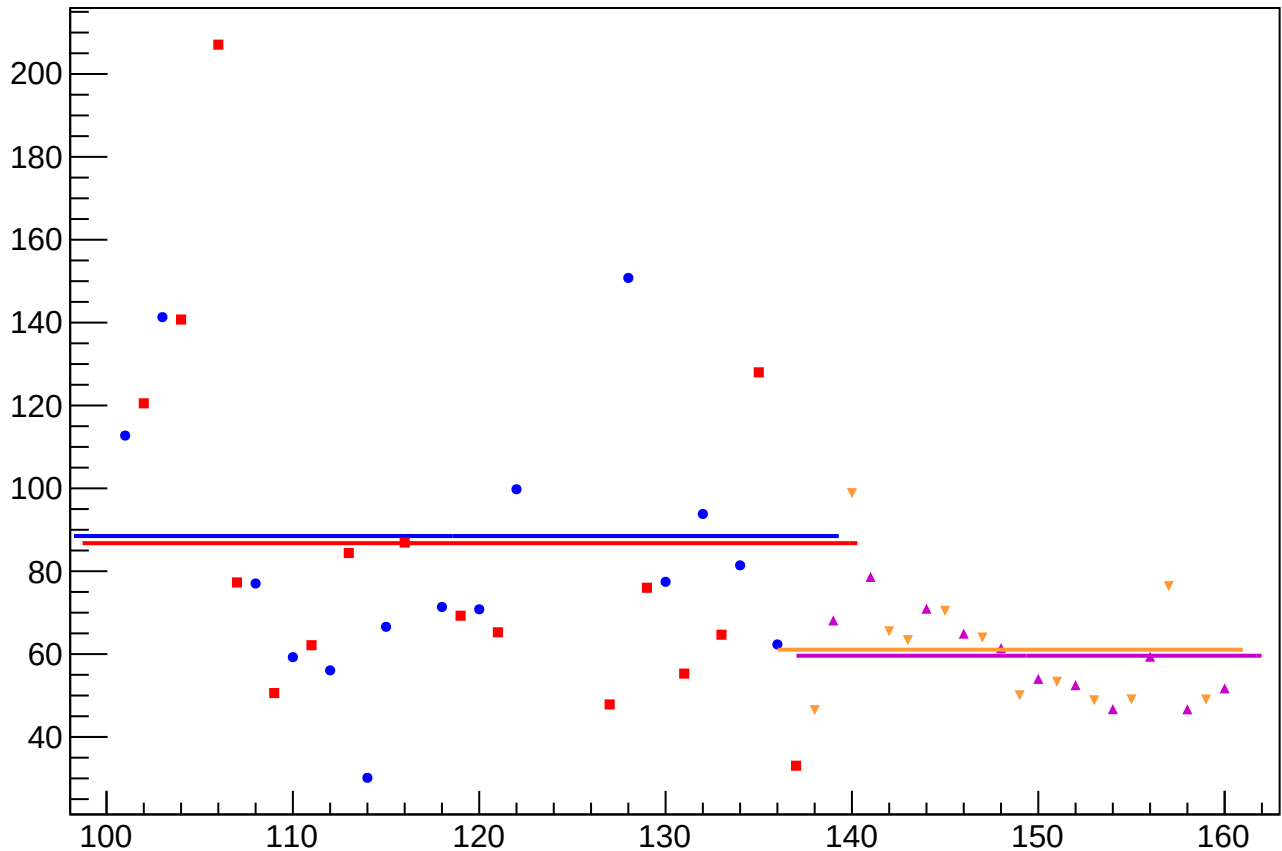
All: 205.734+/-0.000 χ^2/NDF : 562112865205

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

Left Out: 61.067+/-0.000 χ^2/NDF : 211507080213048507647331077961285632.0/11

Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

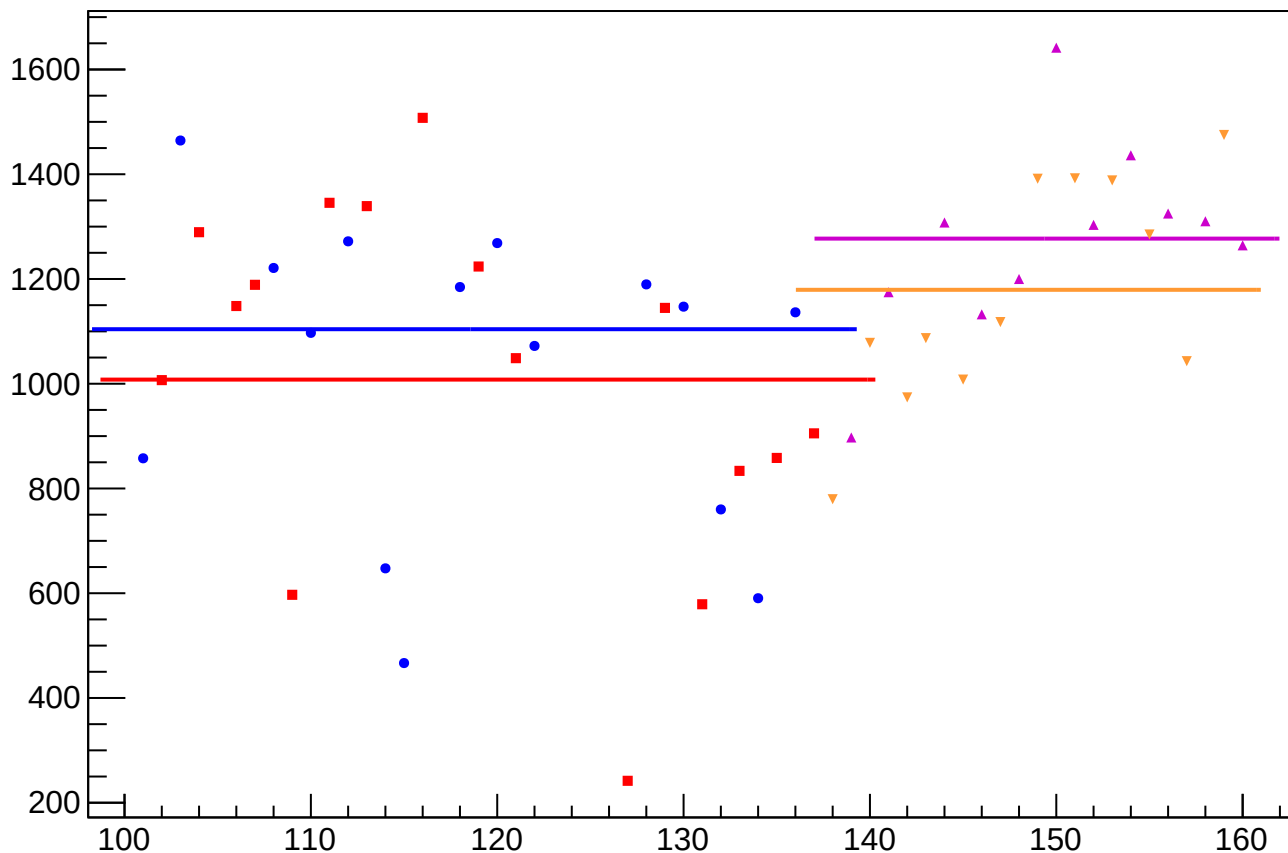
Left In: 59.604+/-0.000 χ^2/NDF : 90862625181985664375323463168032768.0/10

+ sign 72.455+/-0.000 χ^2/NDF : 1140205339739572

All: 71.718+/-0.000 χ^2/NDF : 2577899671839

- sign 70.994+/-0.000 χ^2/NDF : 1436012461961461

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

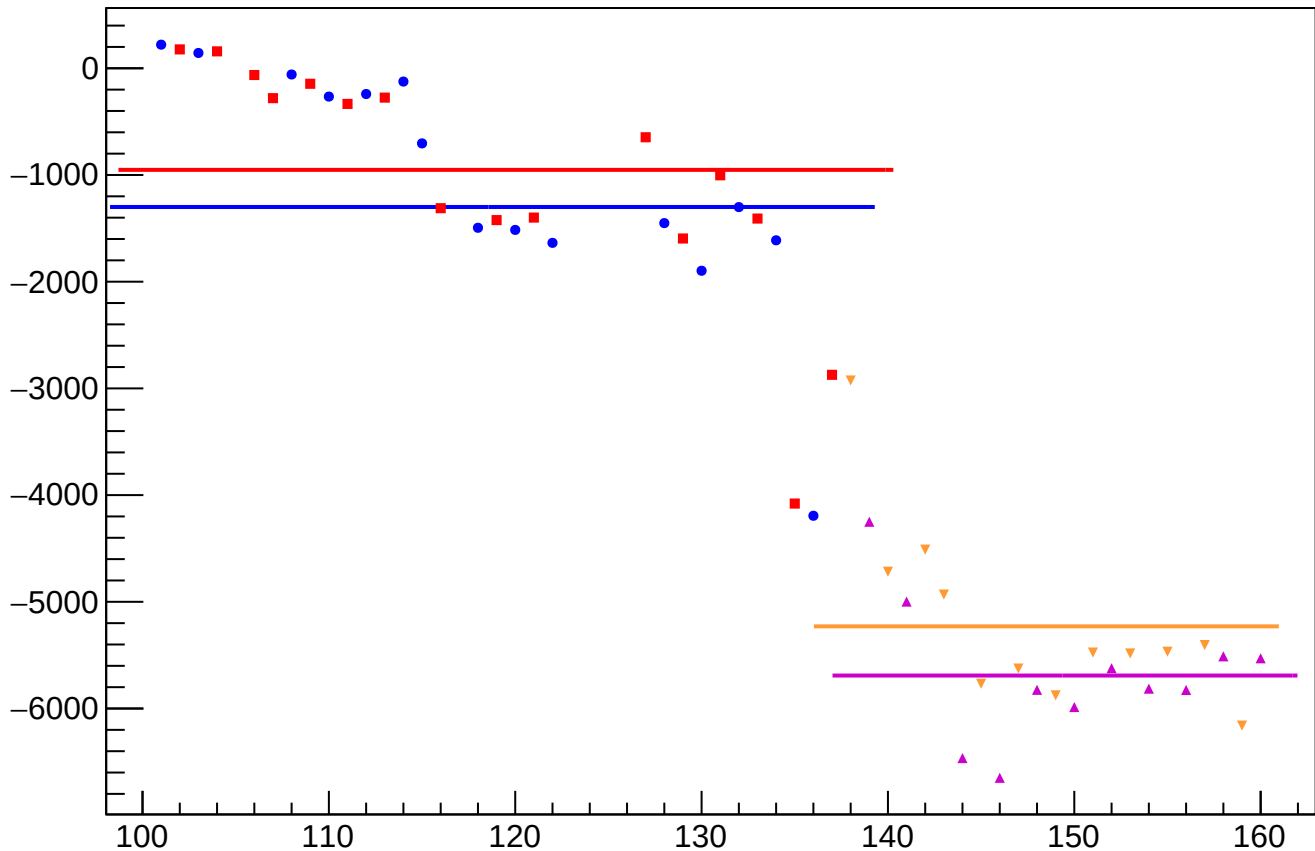
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426

Right Out: -951.903+/-0.000

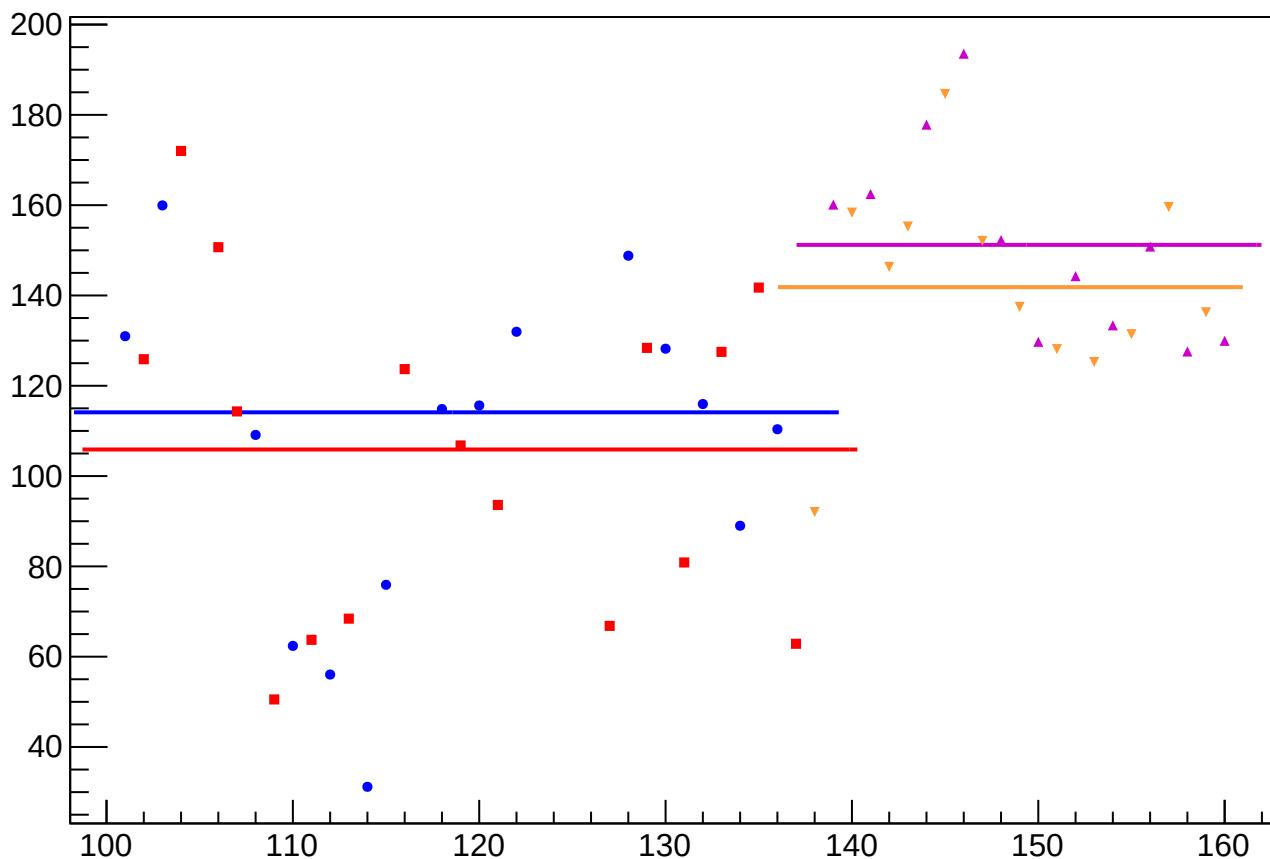
All: -3651.666+/-0.000 χ^2/NDF : 1758908860

Left In: -5690.941+/-0.000

- sign -3704.179+/-0.000 χ^2/NDF : 98968619860202

χ^2/NDF : 355774620722948866968040460749891436544.0/10

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

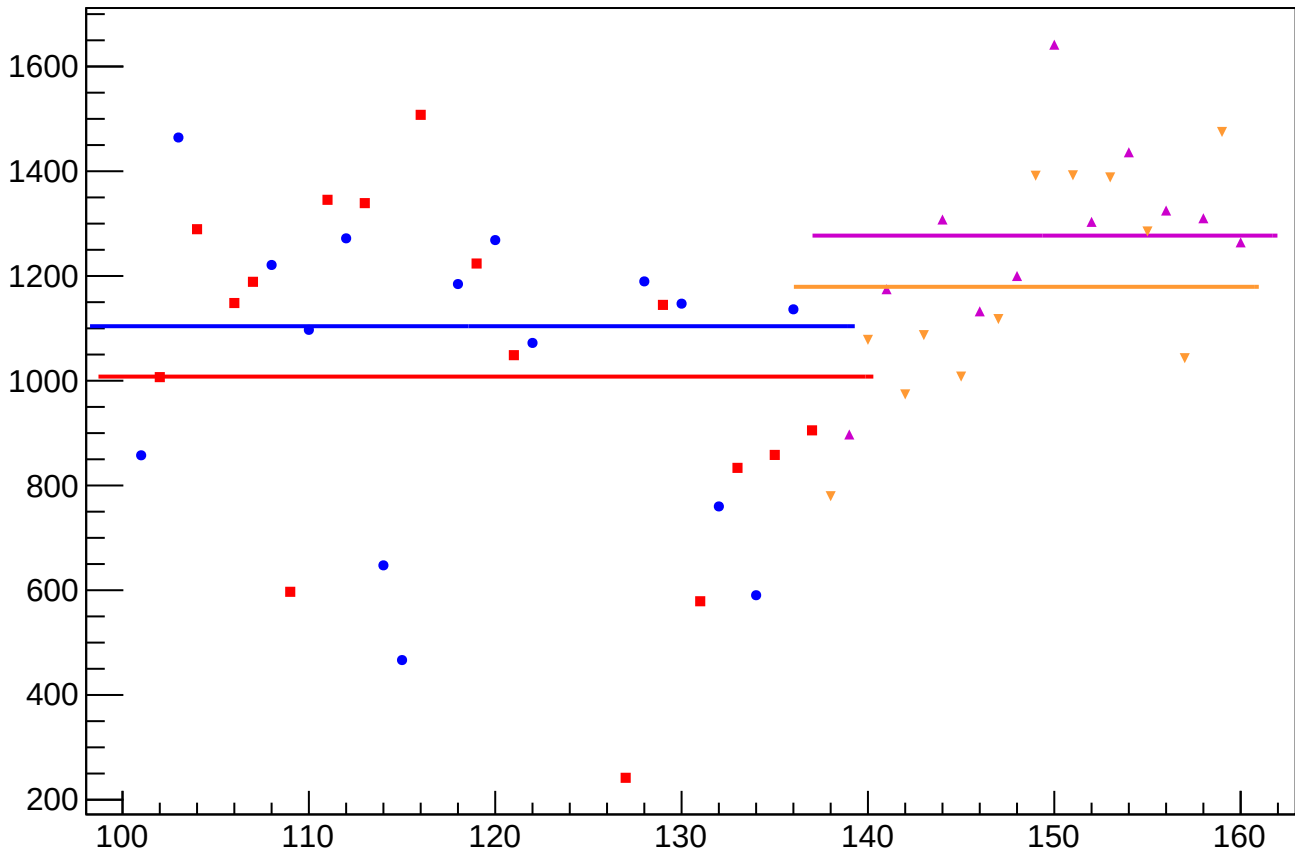
Left In: 151.203+/-0.000 χ^2/NDF : 382227652604999337577431549784096768.0/10

+ 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

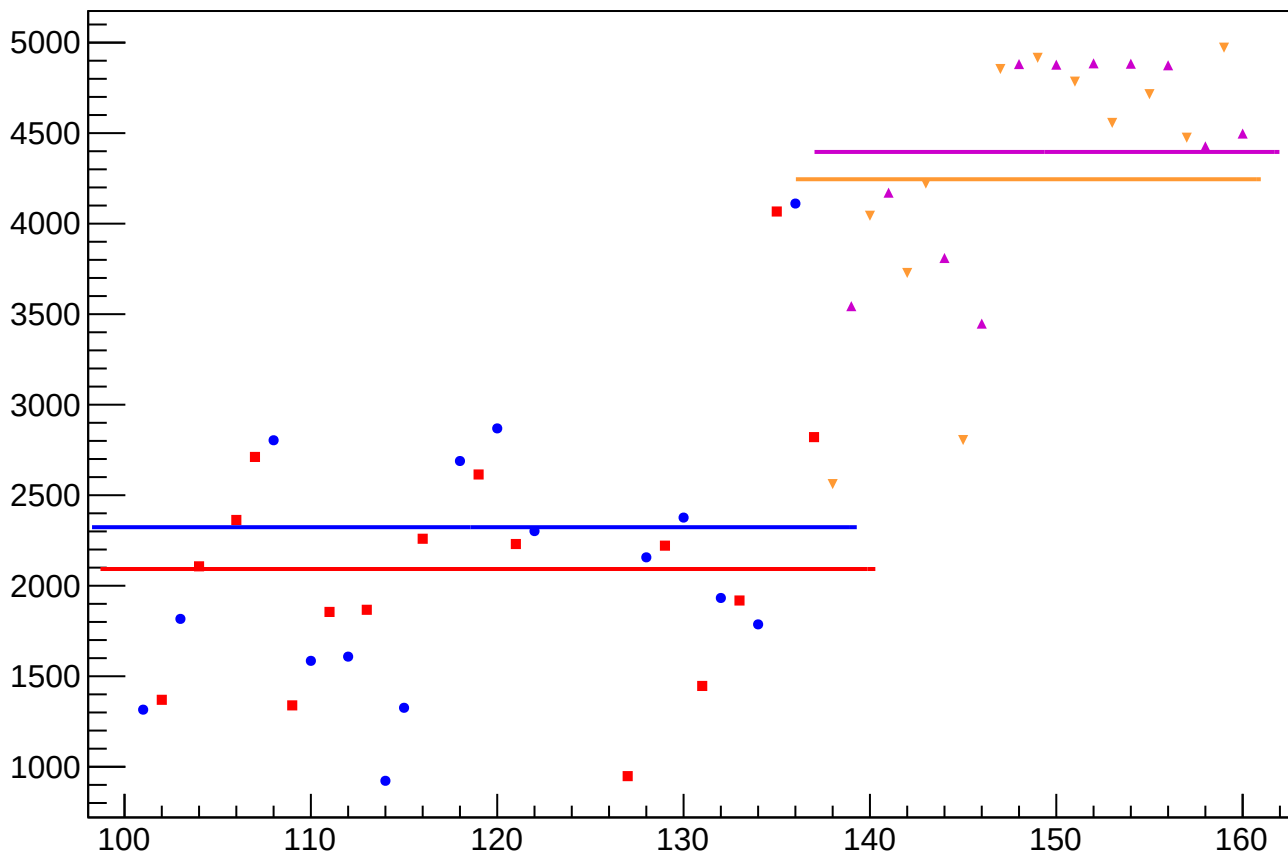
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

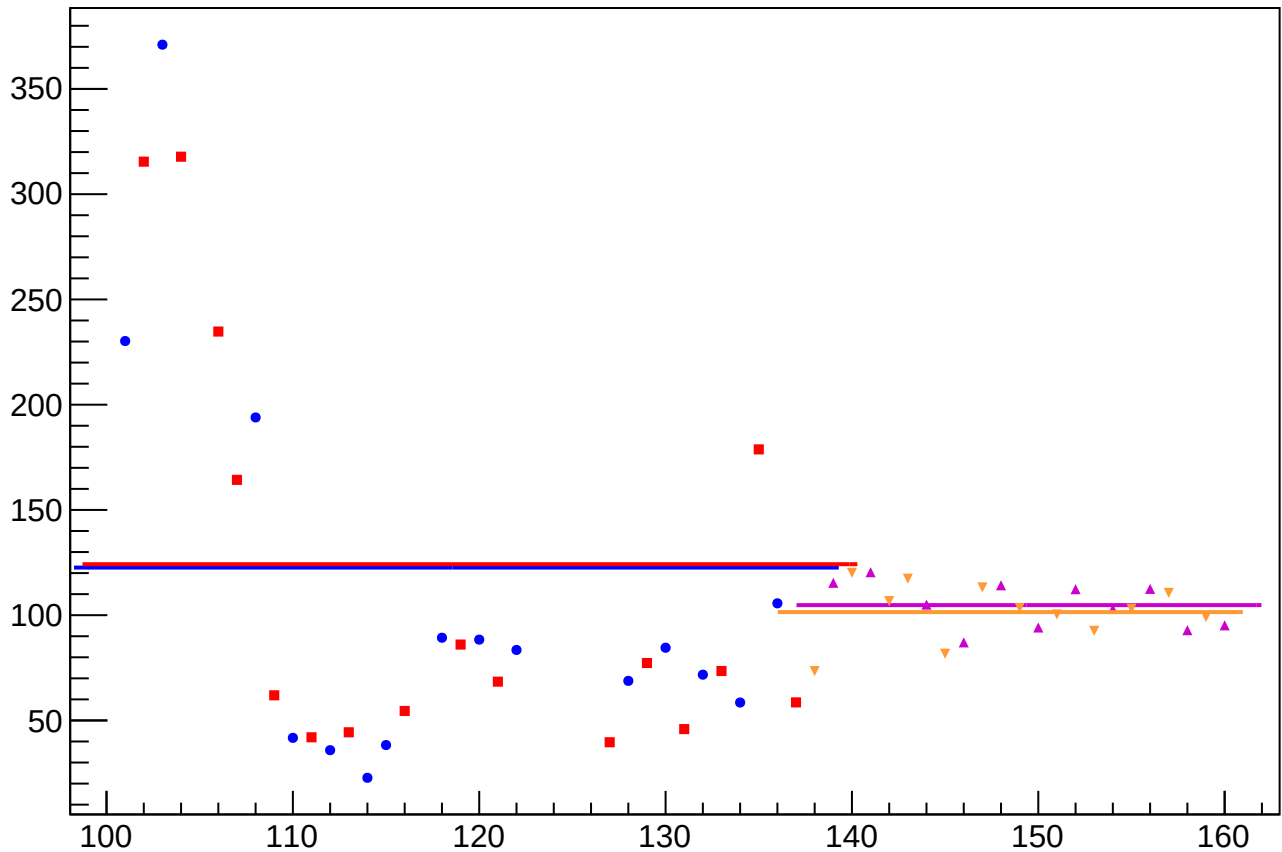
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam7_coil3_mean vs Slug



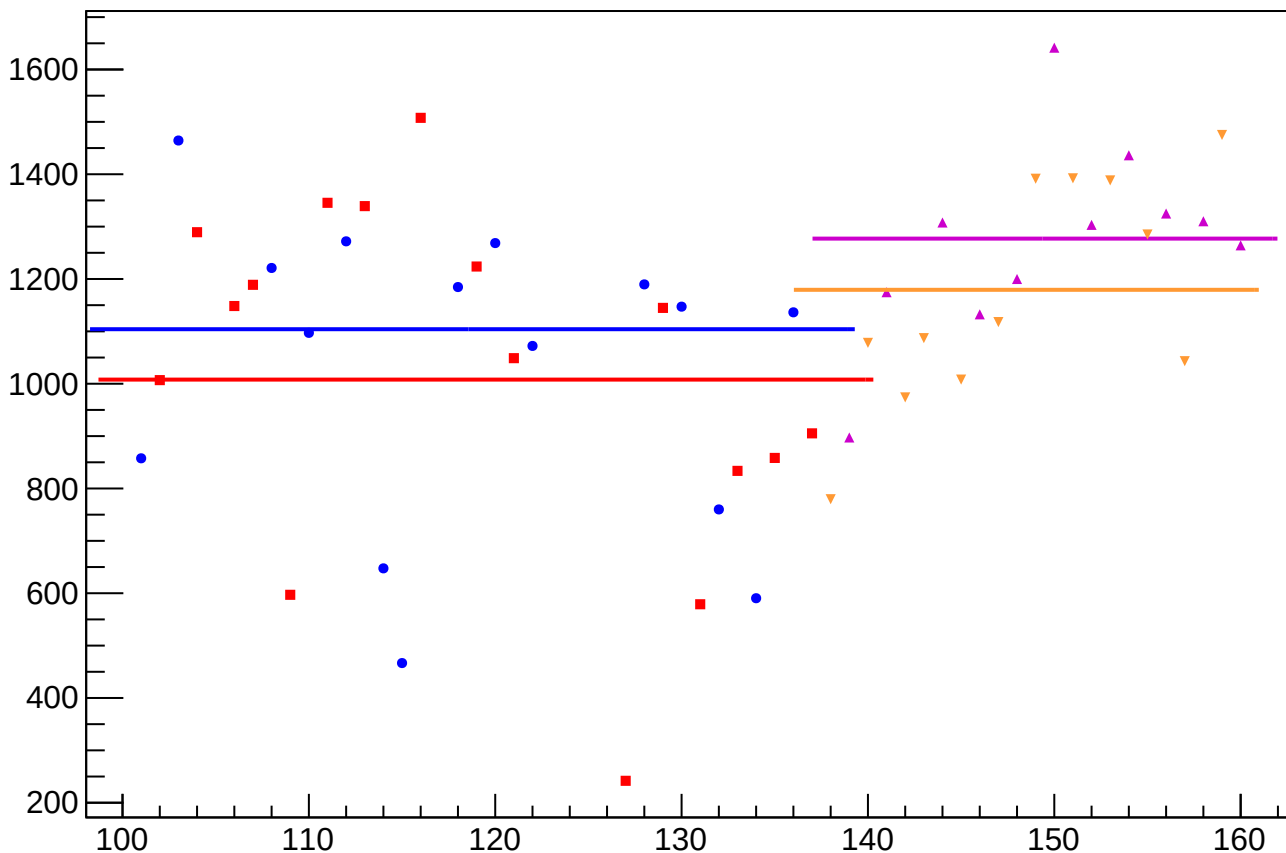
Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3447.245+/-0.000	χ^2/NDF : 24382907413963
Left Out: 4245.269+/-0.000	χ^2/NDF : 560100037882540295630660663570463719424.0/11	All: 3438.707+/-0.000	χ^2/NDF : 51316040482
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- 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+/-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

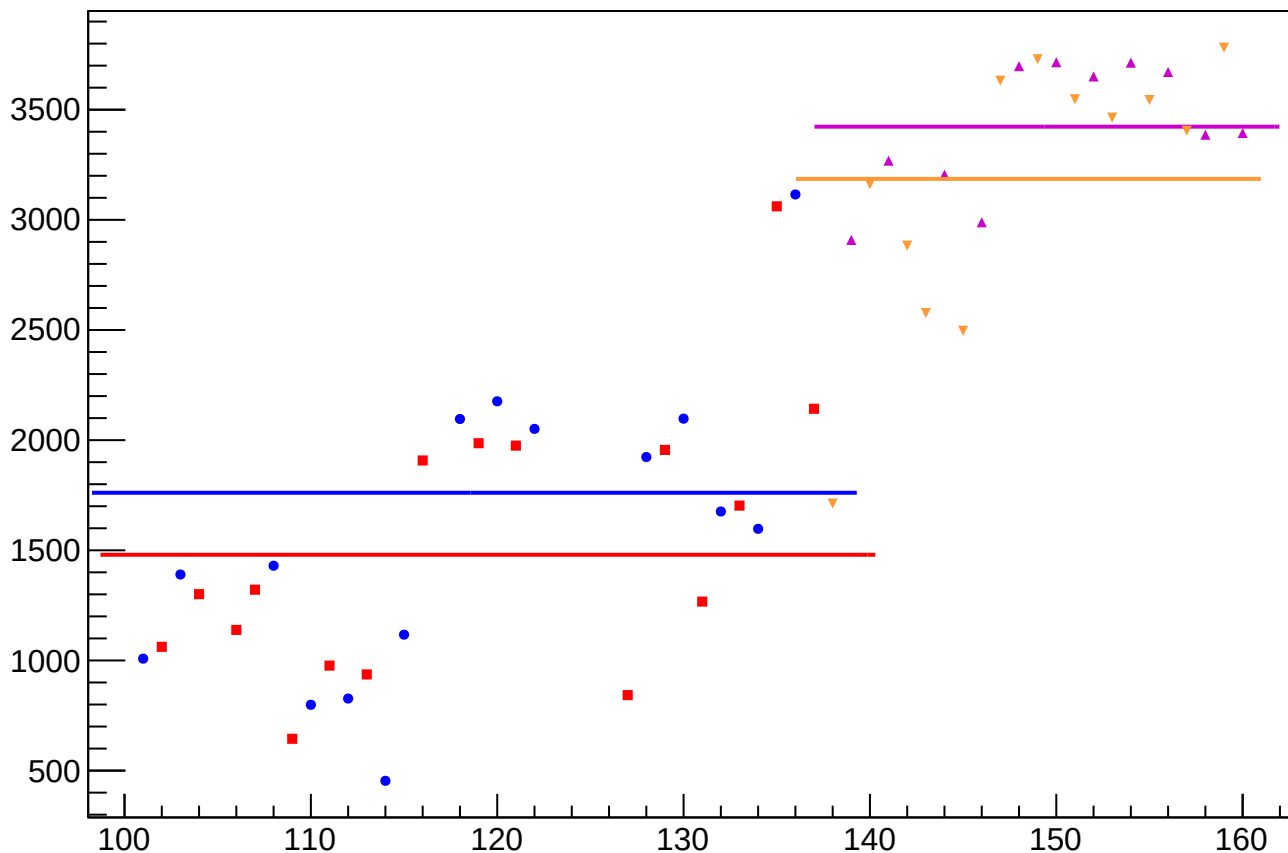
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

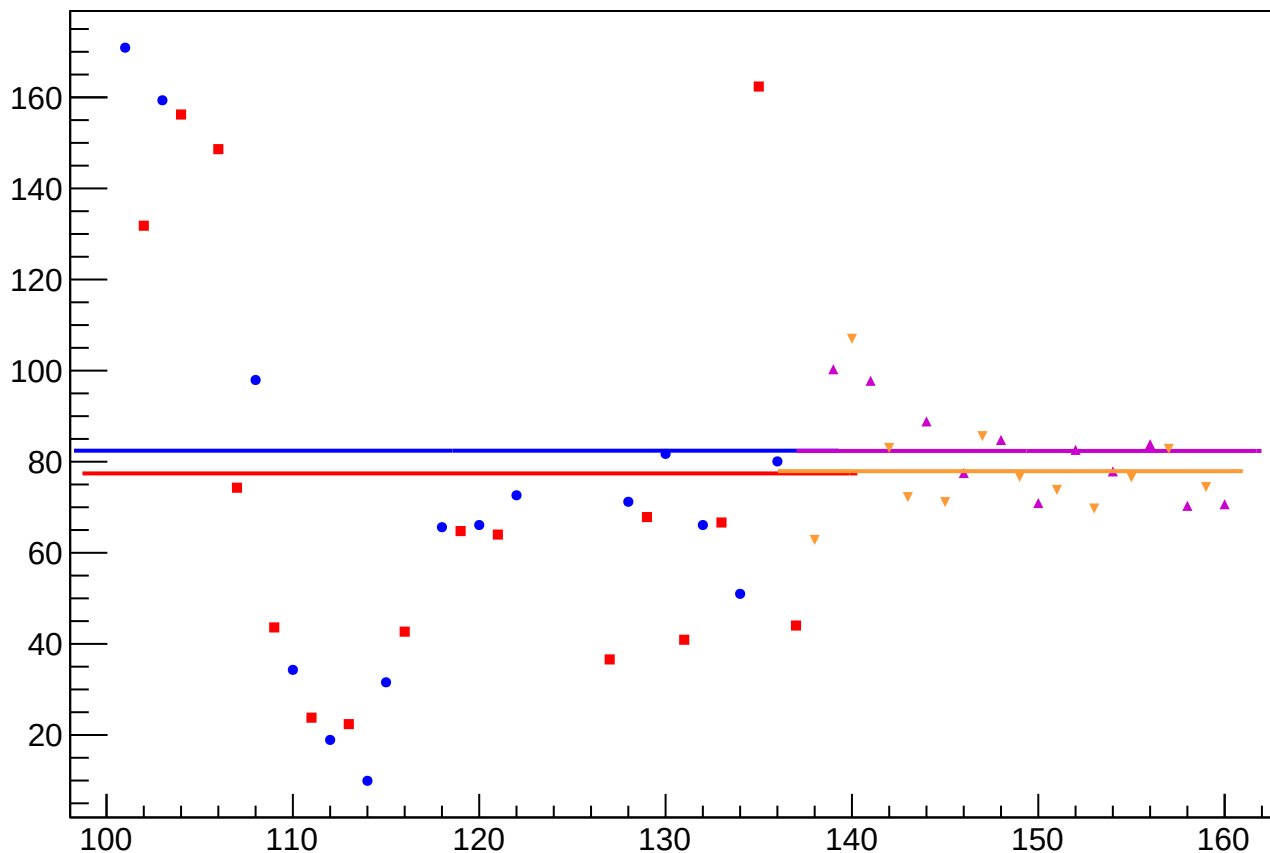
Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

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

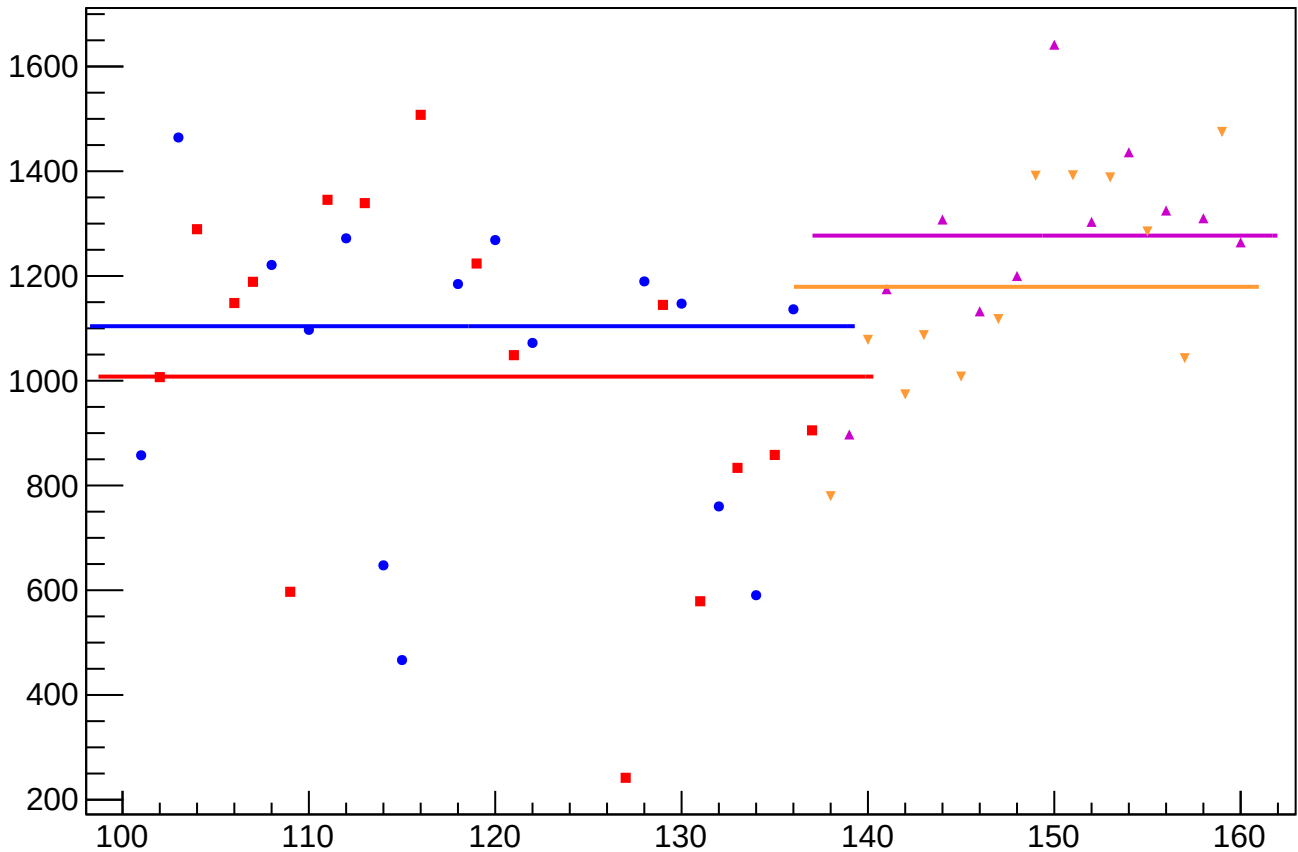
Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

+ 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

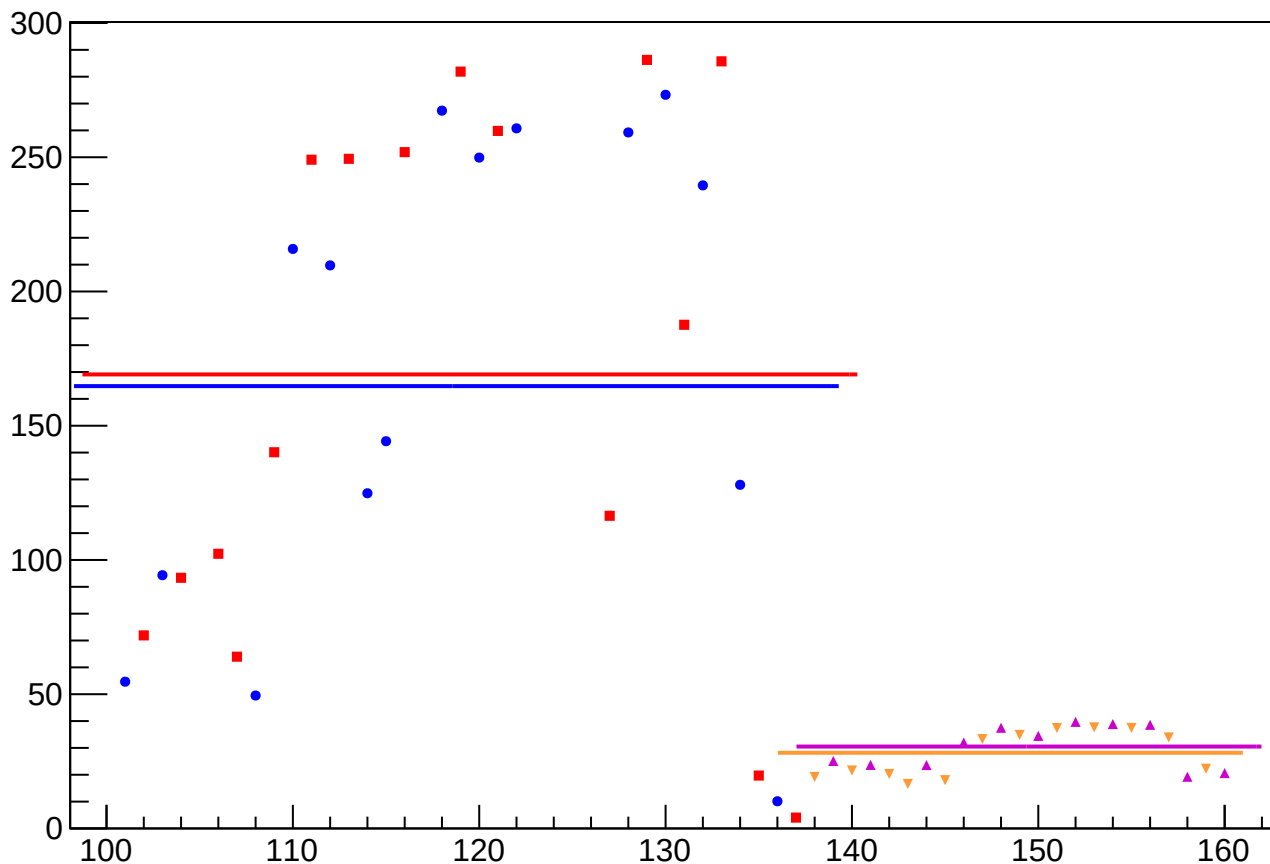
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

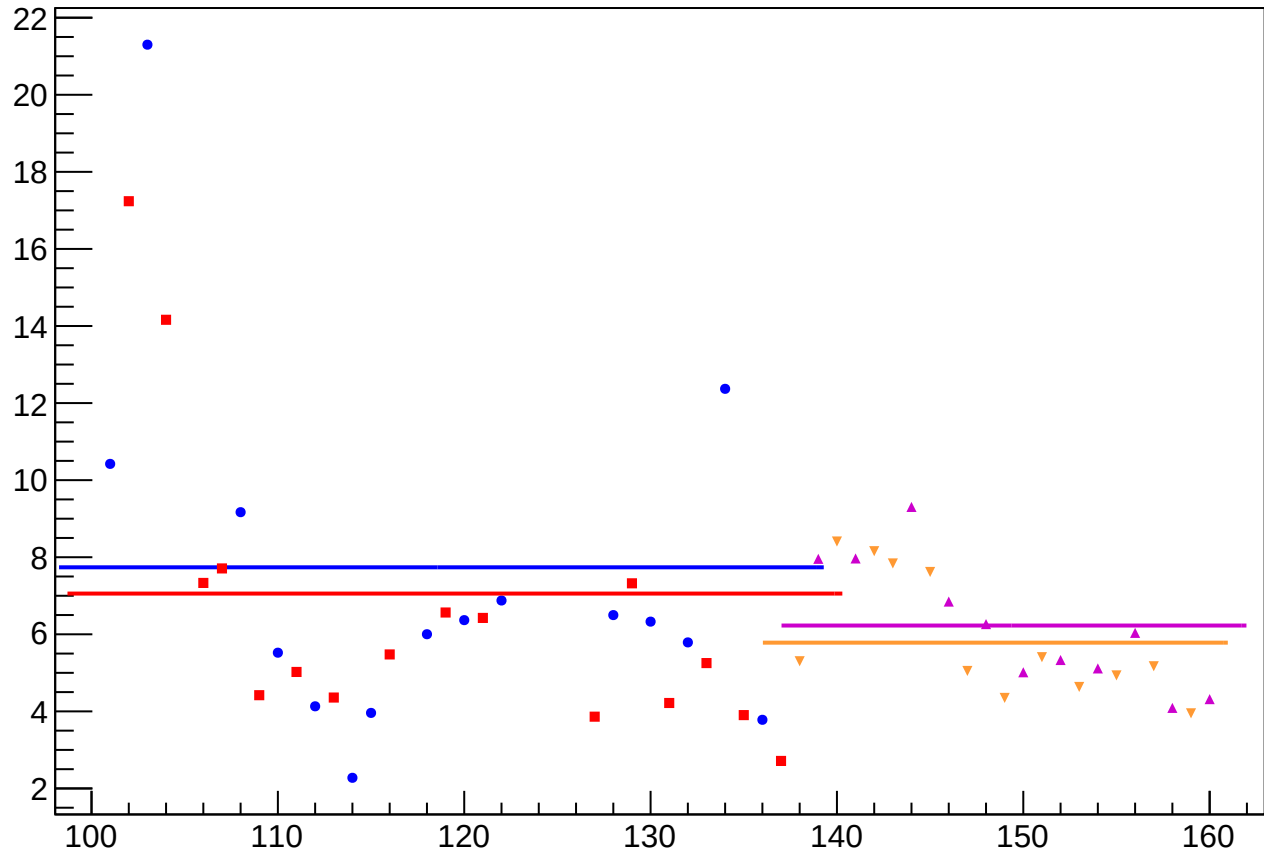
Left Out: 28.192+/-0.000 χ^2/NDF : 62073928949862768083975059378536448.0/11

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 30.507+/-0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

All: 86.771+/-0.000 χ^2/NDF : 2705497277682

dit_4aX_coil7_err_mean vs Slug



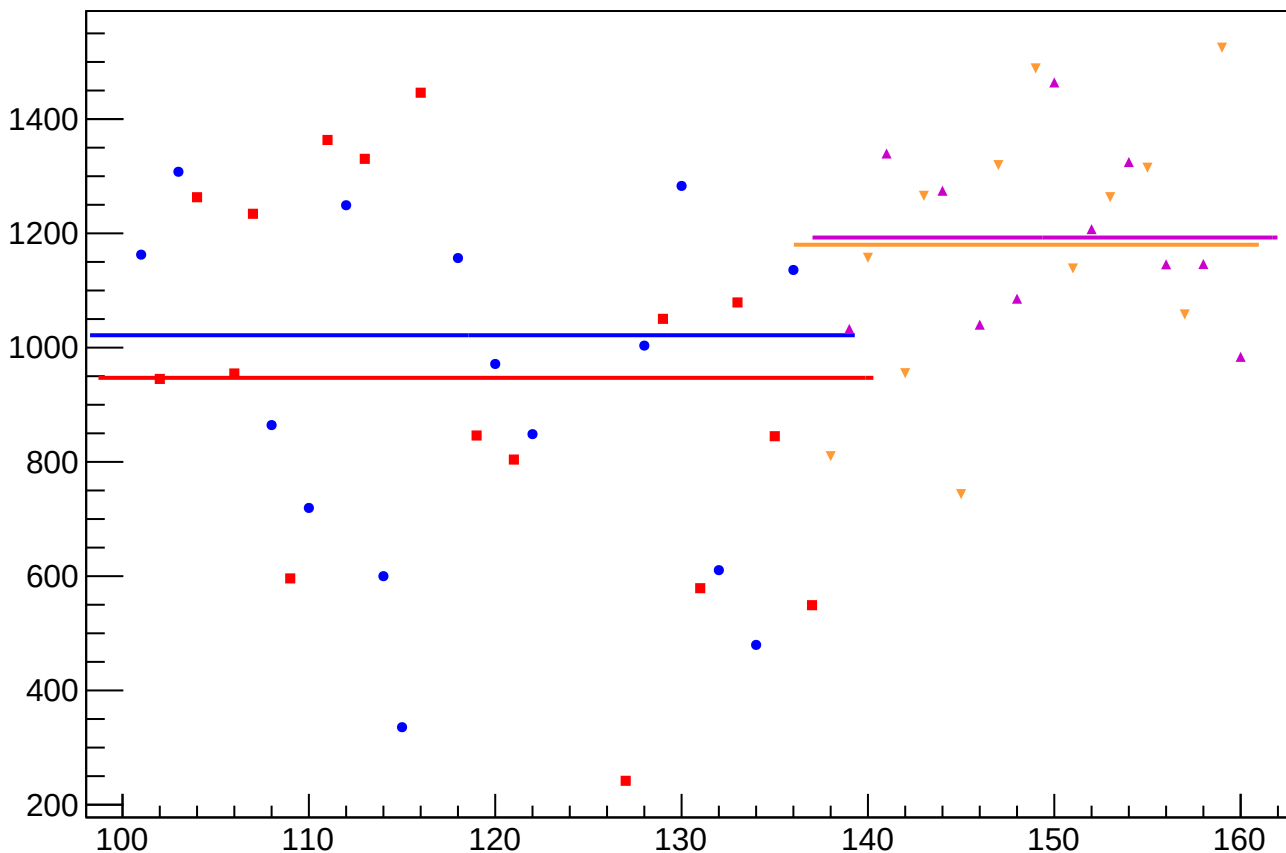
Right In: 7.738 ± 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

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

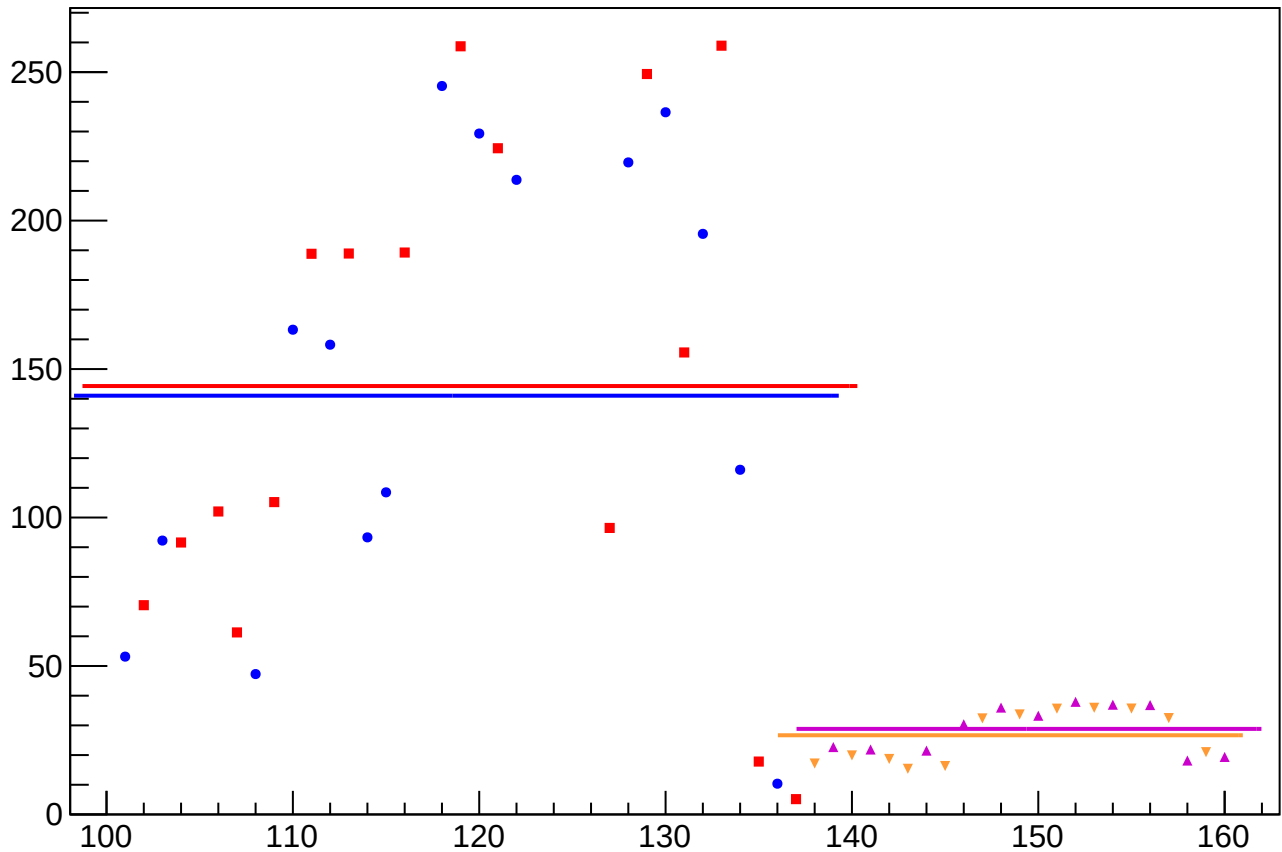
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

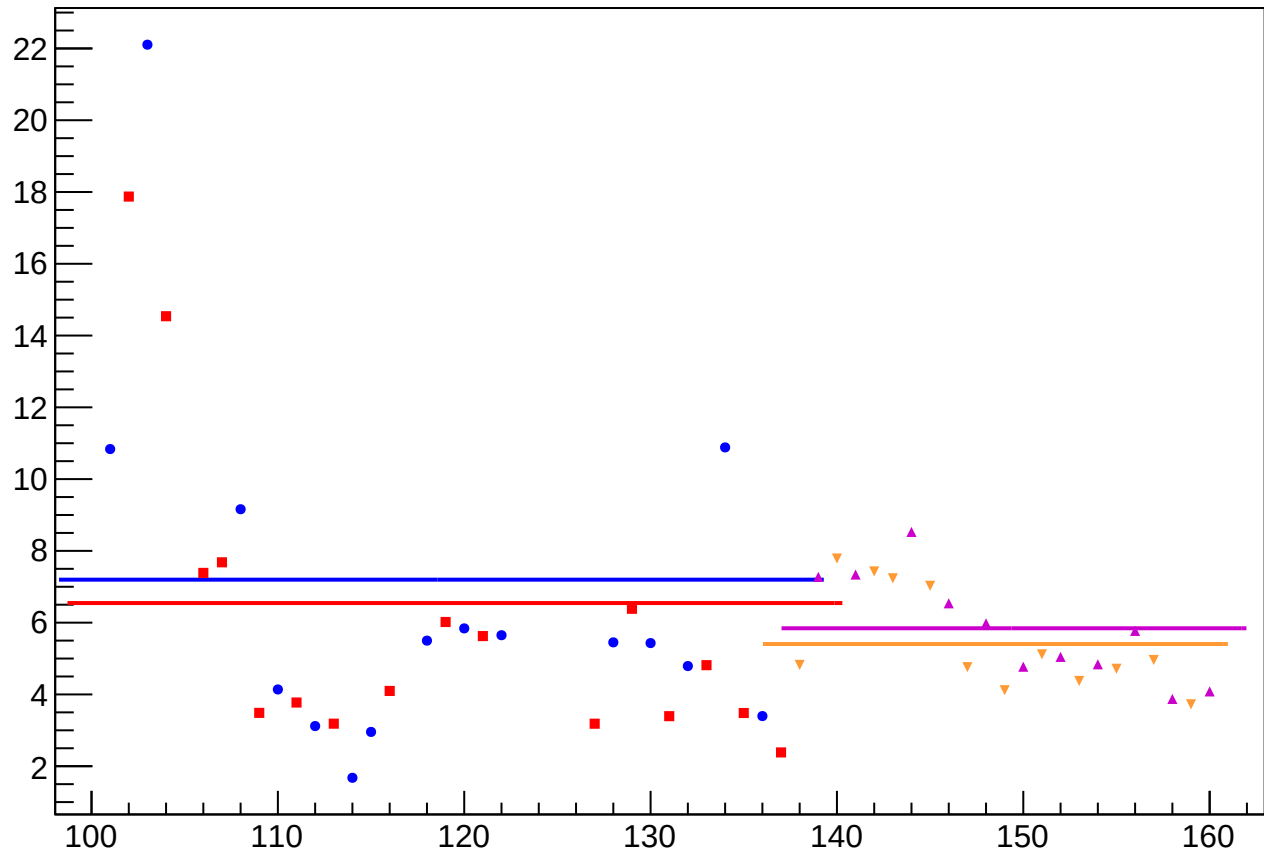
Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

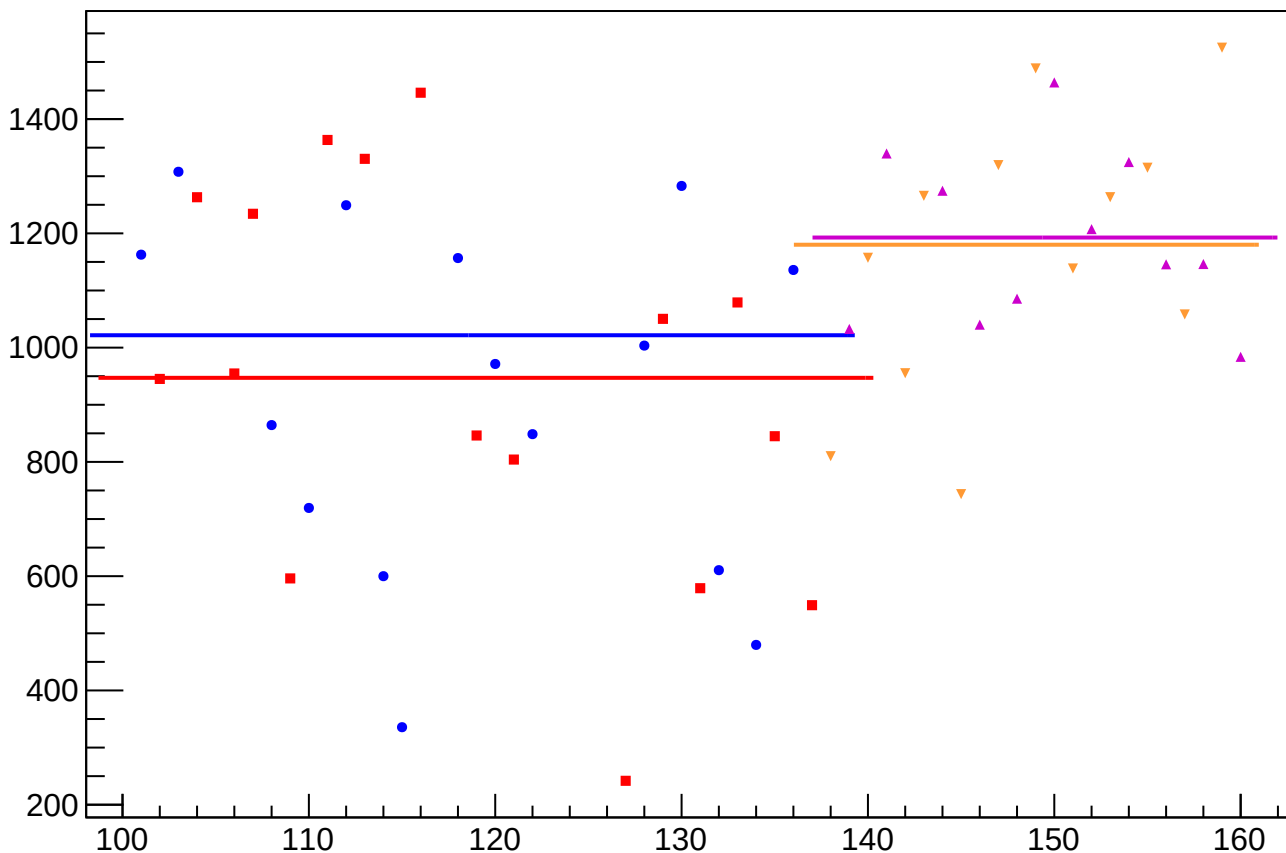
All: 75.703+/-0.000 χ^2/NDF : 1902686413208

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

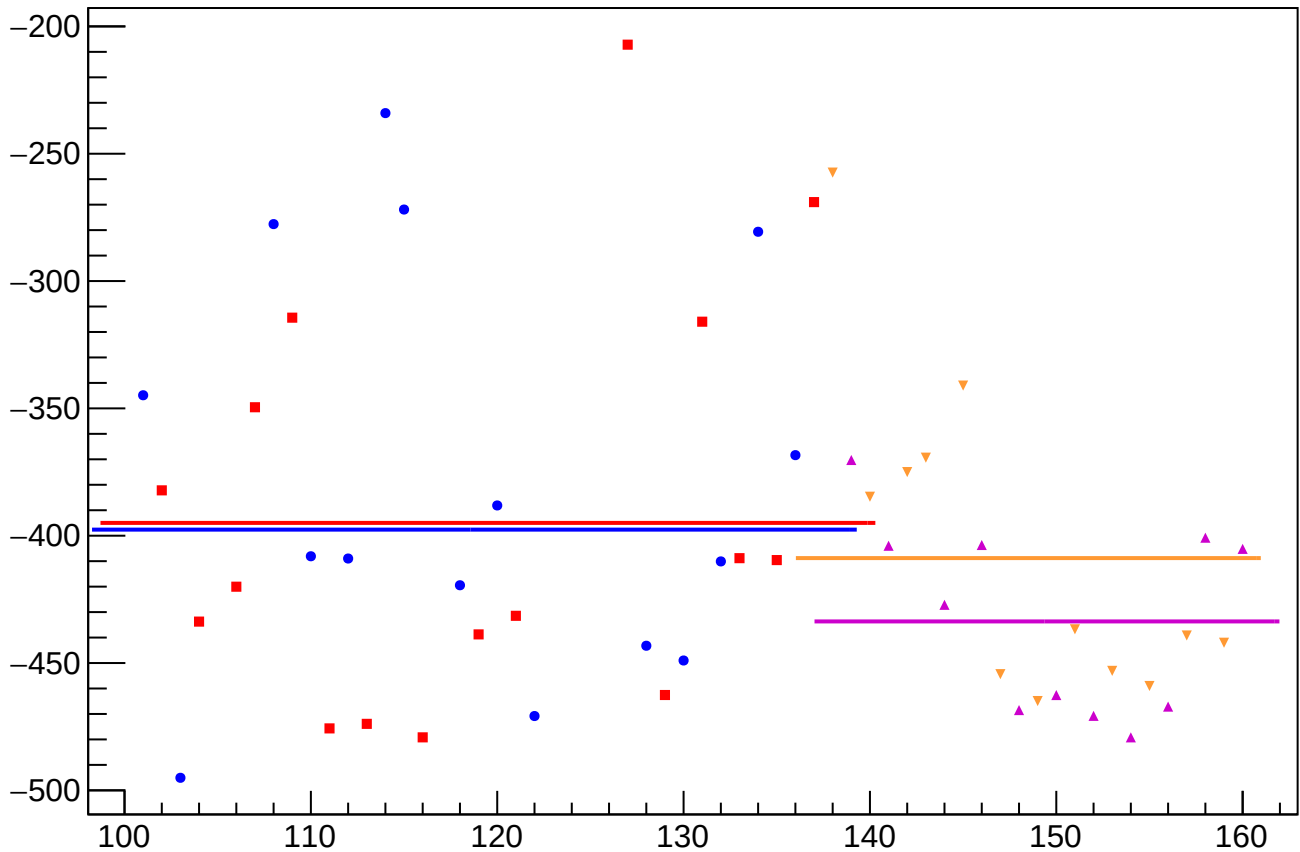
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

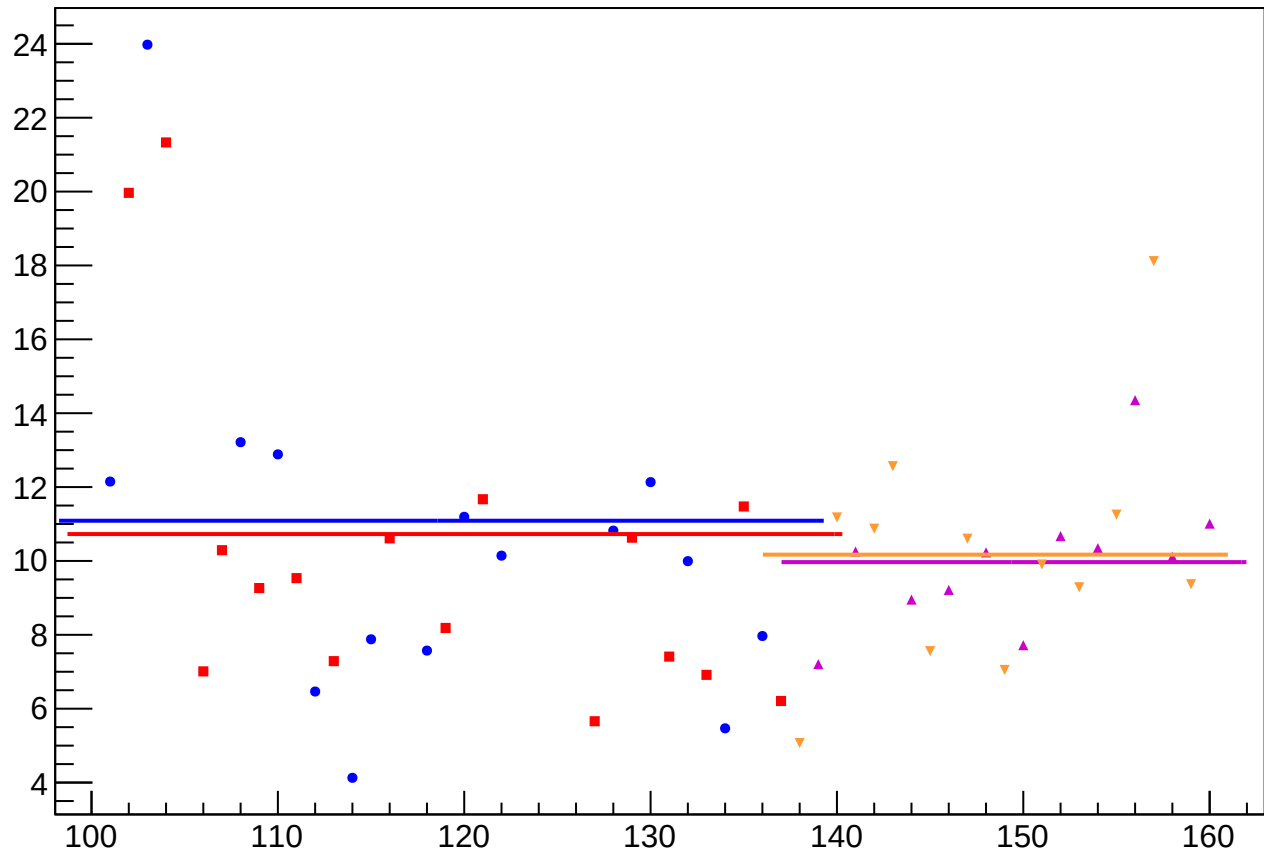
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000	χ^2/NDF : 2661280785384633207096106229474263040.0/14	+ sign -404.151+/-0.000	χ^2/NDF : 60752984444318
Left Out: -408.794+/-0.000	χ^2/NDF : 3366573213961692909439105040404971520.0/11	All: -410.856+/-0.000	χ^2/NDF : 11678350413
Right Out: -394.973+/-0.000	χ^2/NDF : 3685595513427183501596165280874102784.0/15	- sign -417.444+/-0.000	χ^2/NDF : 54637466246081
Left In: -433.664+/-0.000	χ^2/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

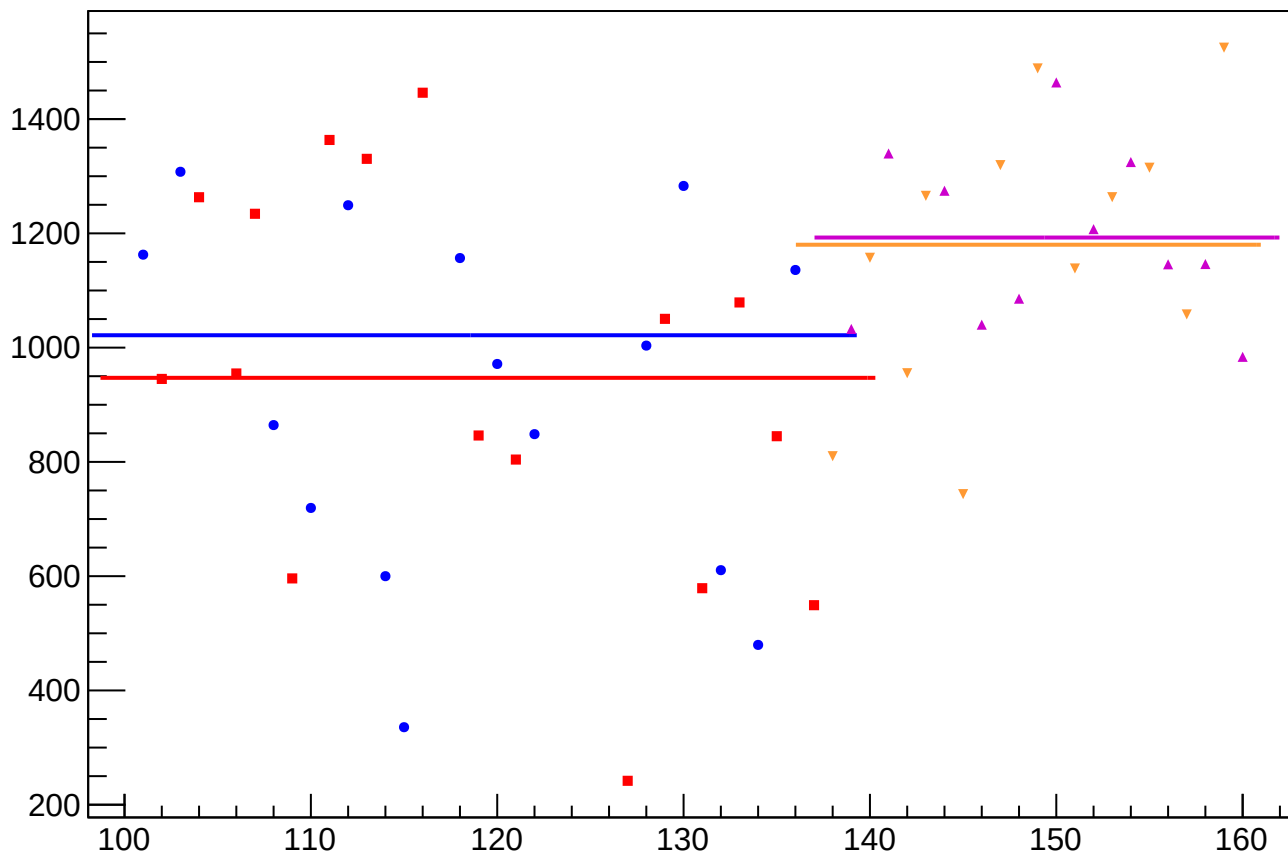
Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

+ sign 10.552 $\pm$ 0.000 χ^2 /NDF: 2364557431902666

All: 10.418 $\pm$ 0.000 χ^2 /NDF: 4159719349794

- sign 10.287 $\pm$ 0.000 χ^2 /NDF: 1789615499240610

dit_11X12X_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

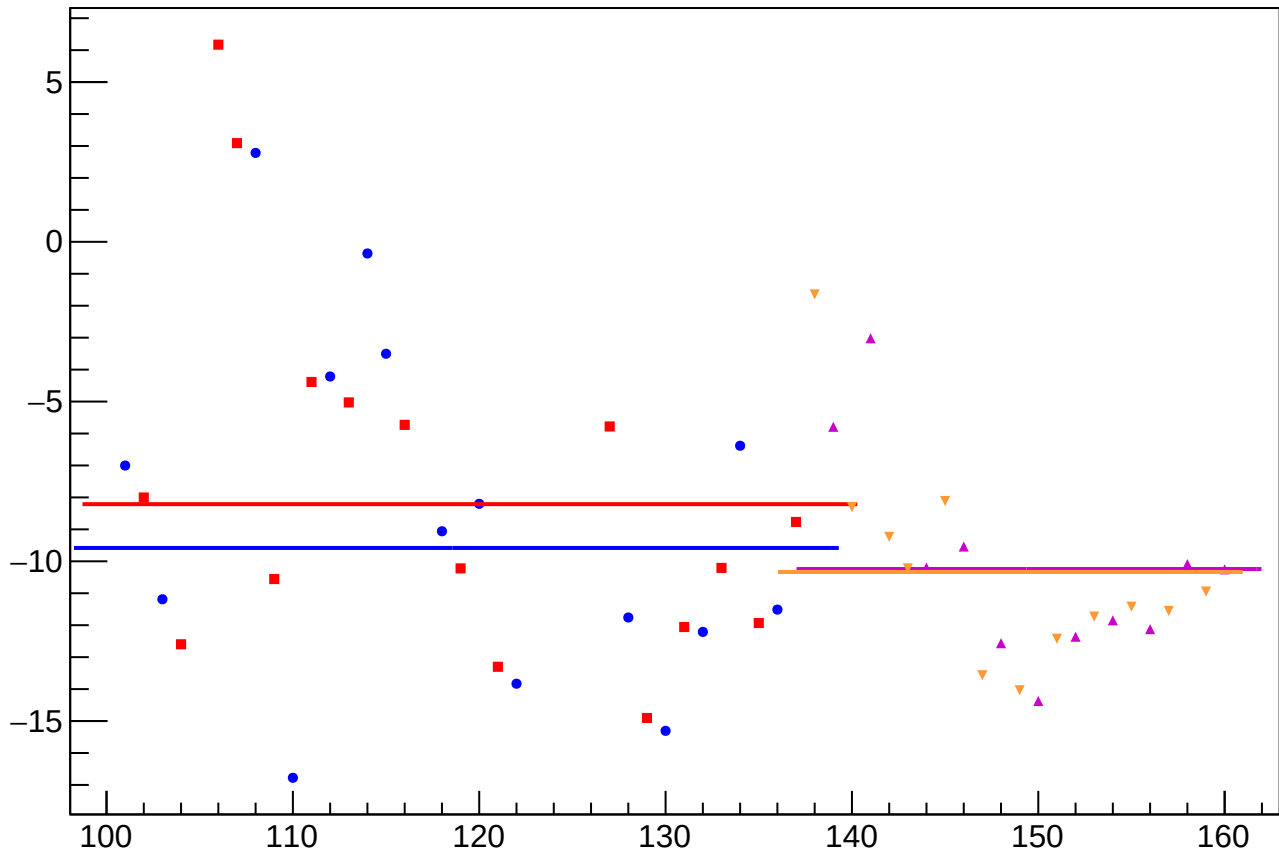
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

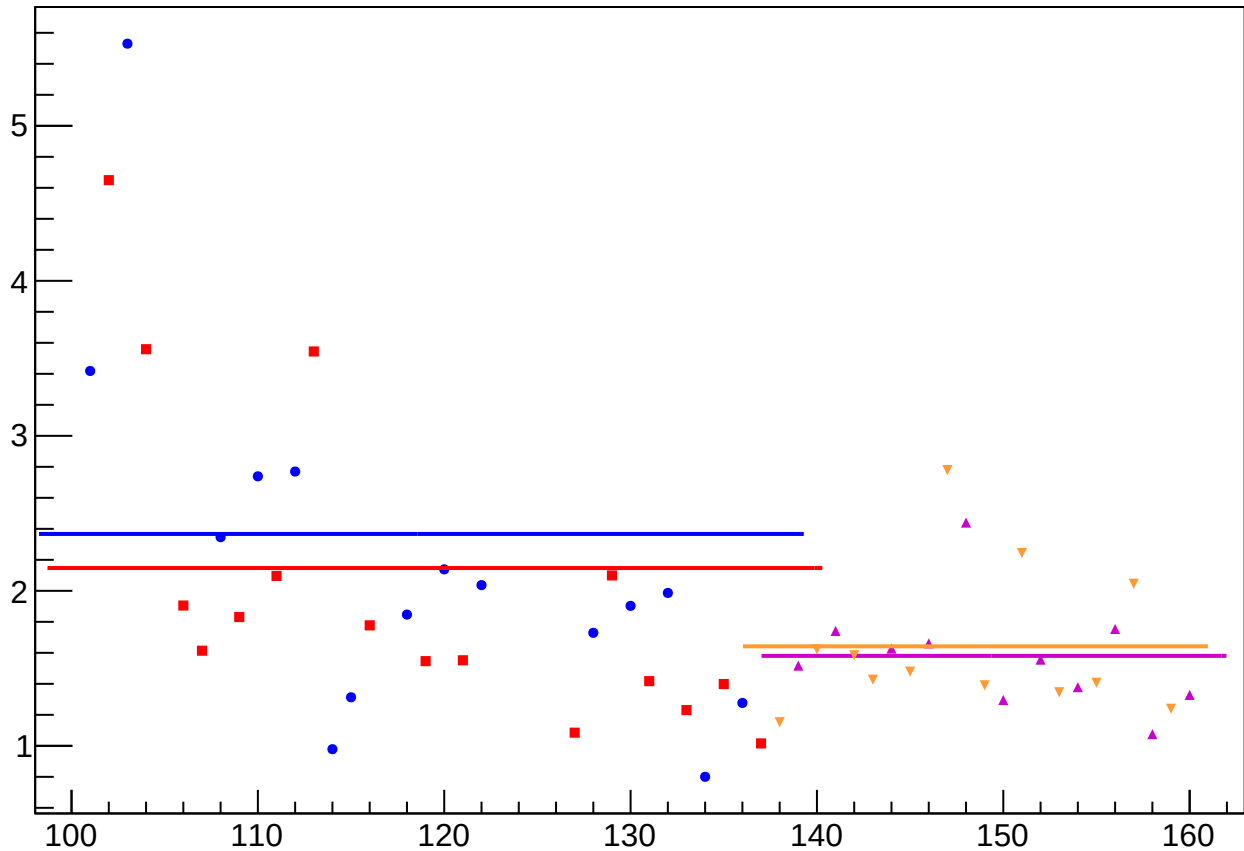
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4aY_coil7_mean vs Slug



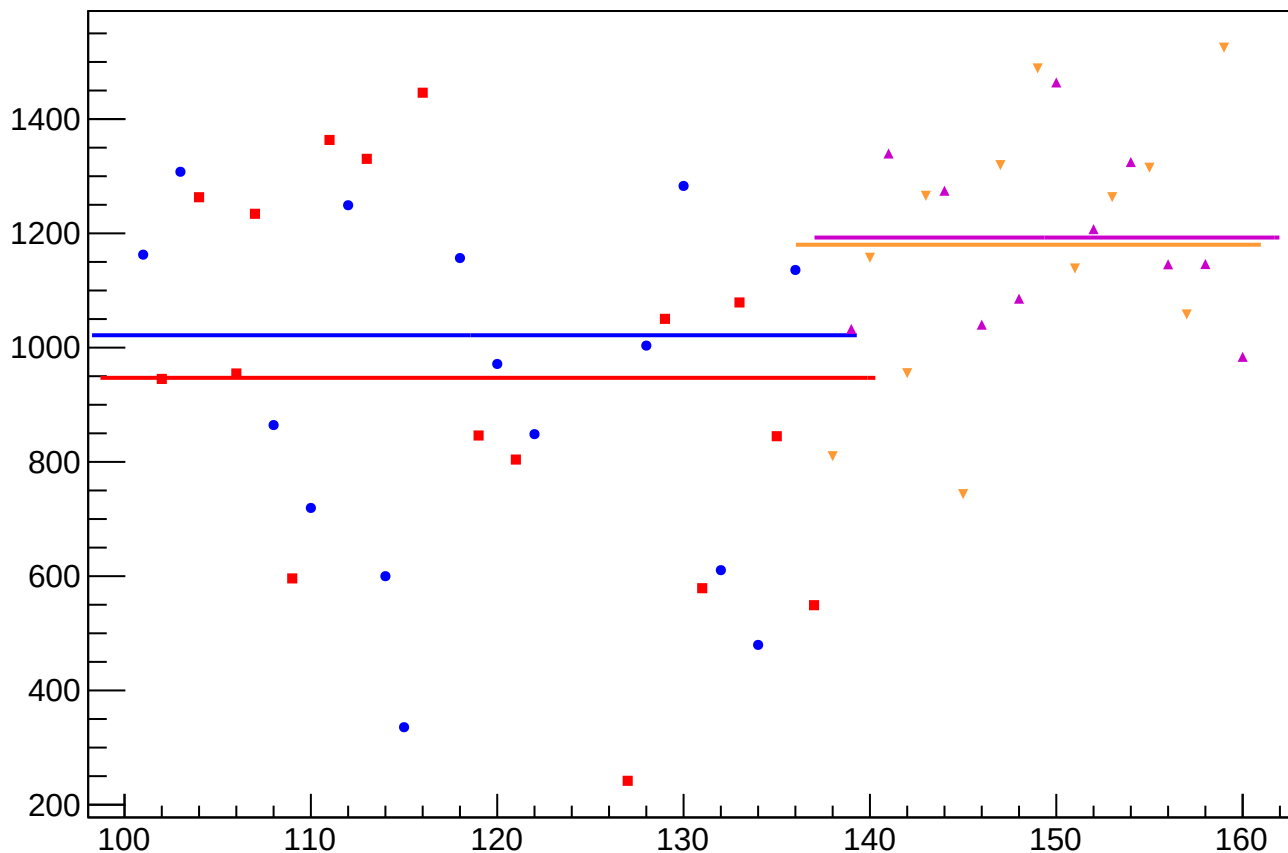
Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$
 Left Out: -10.333 ± 0.000 $\chi^2/\text{NDF}: 9377692425026365375047041474887680.0/11$
 Right Out: -8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$
 Left In: -10.241 ± 0.000 $\chi^2/\text{NDF}: 8992829088408430483485977772818432.0/10$

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000	χ^2/NDF : 920633294546152876922066767446016.0/14	+ sign 1.943+/-0.000	χ^2/NDF : 13159834417677760
Left Out: 1.642+/-0.000	χ^2/NDF : 195842148226043527039909915262976.0/11	All: 1.880+/-0.000	χ^2/NDF : 23210295231068
Right Out: 2.147+/-0.000	χ^2/NDF : 764171992480224478656127555338240.0/15	- sign 1.818+/-0.000	χ^2/NDF : 99272780450860702
Left In: 1.580+/-0.000	χ^2/NDF : 104159820106689813353171792166912.0/10		

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

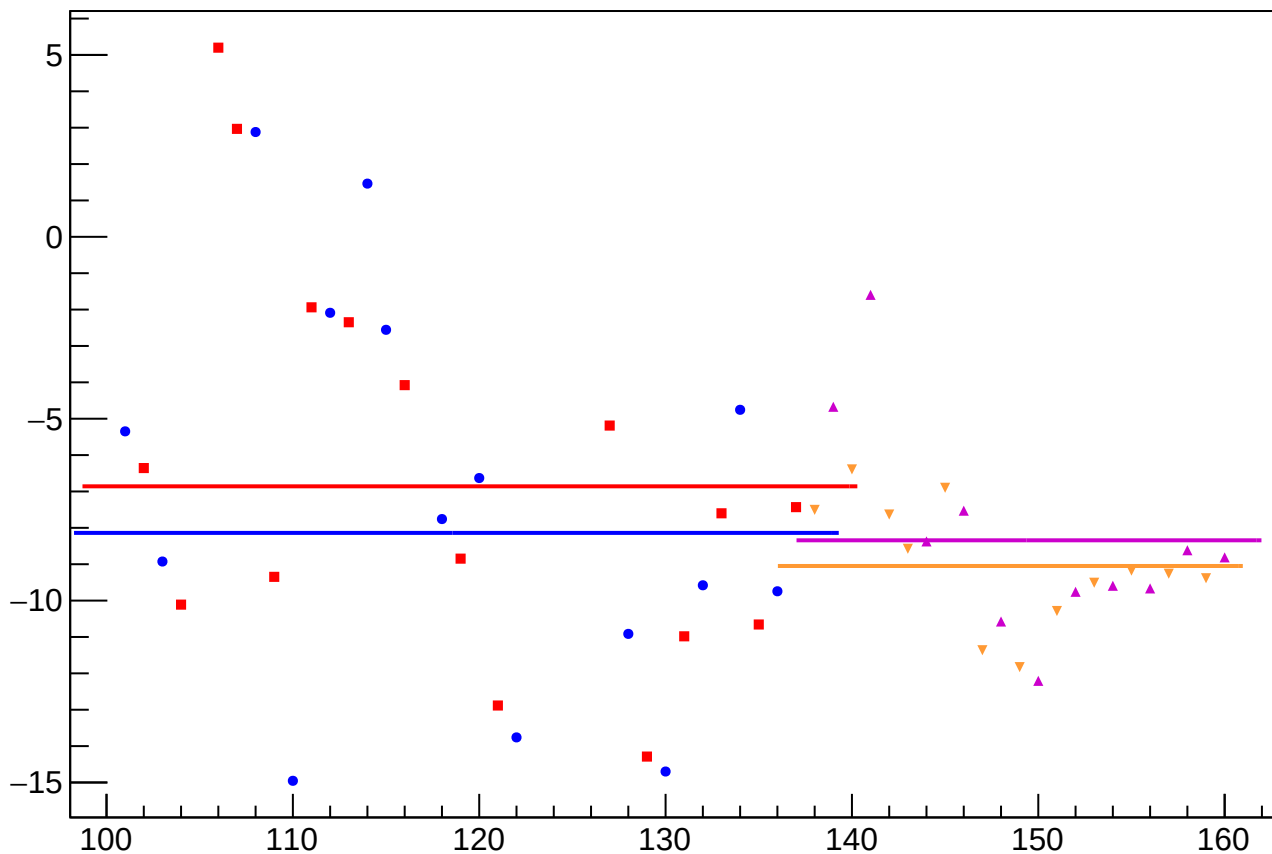
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

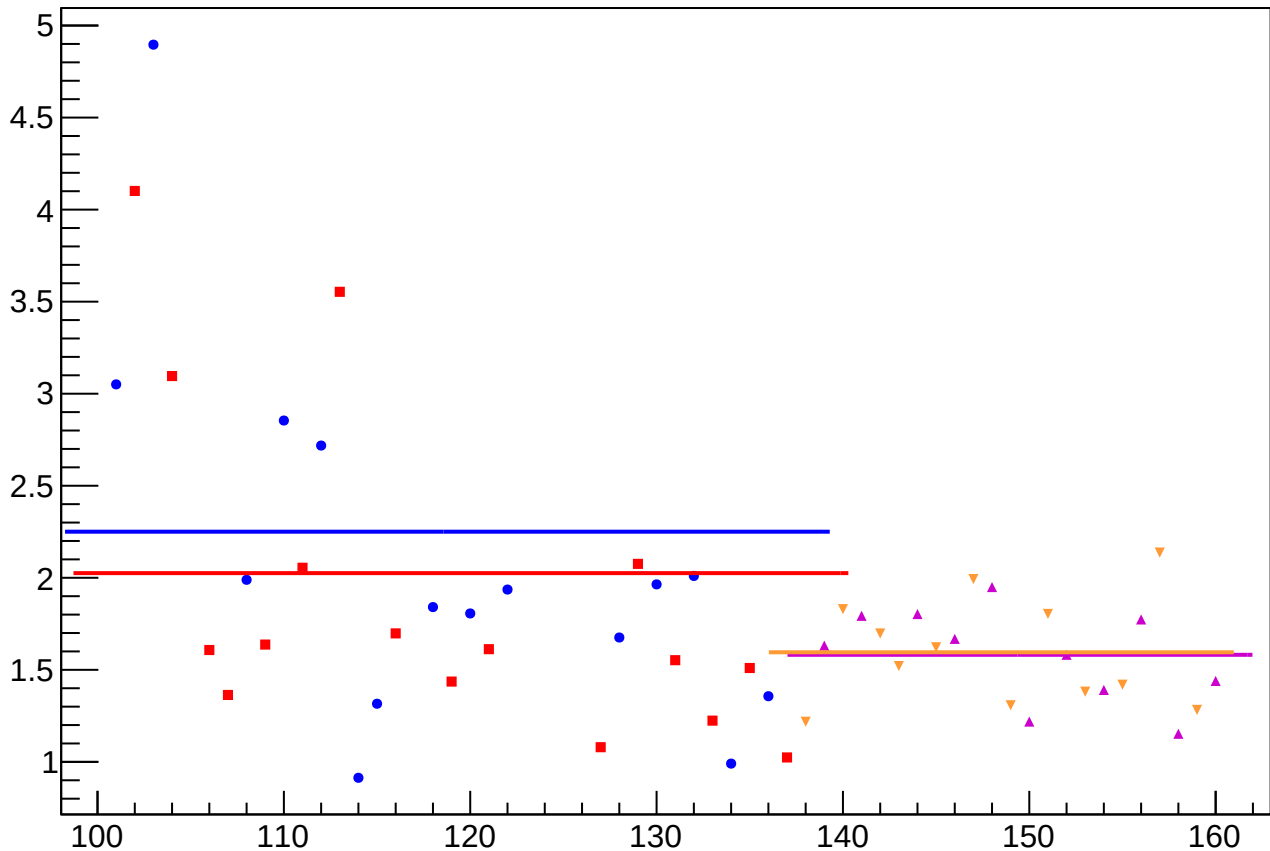
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ 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

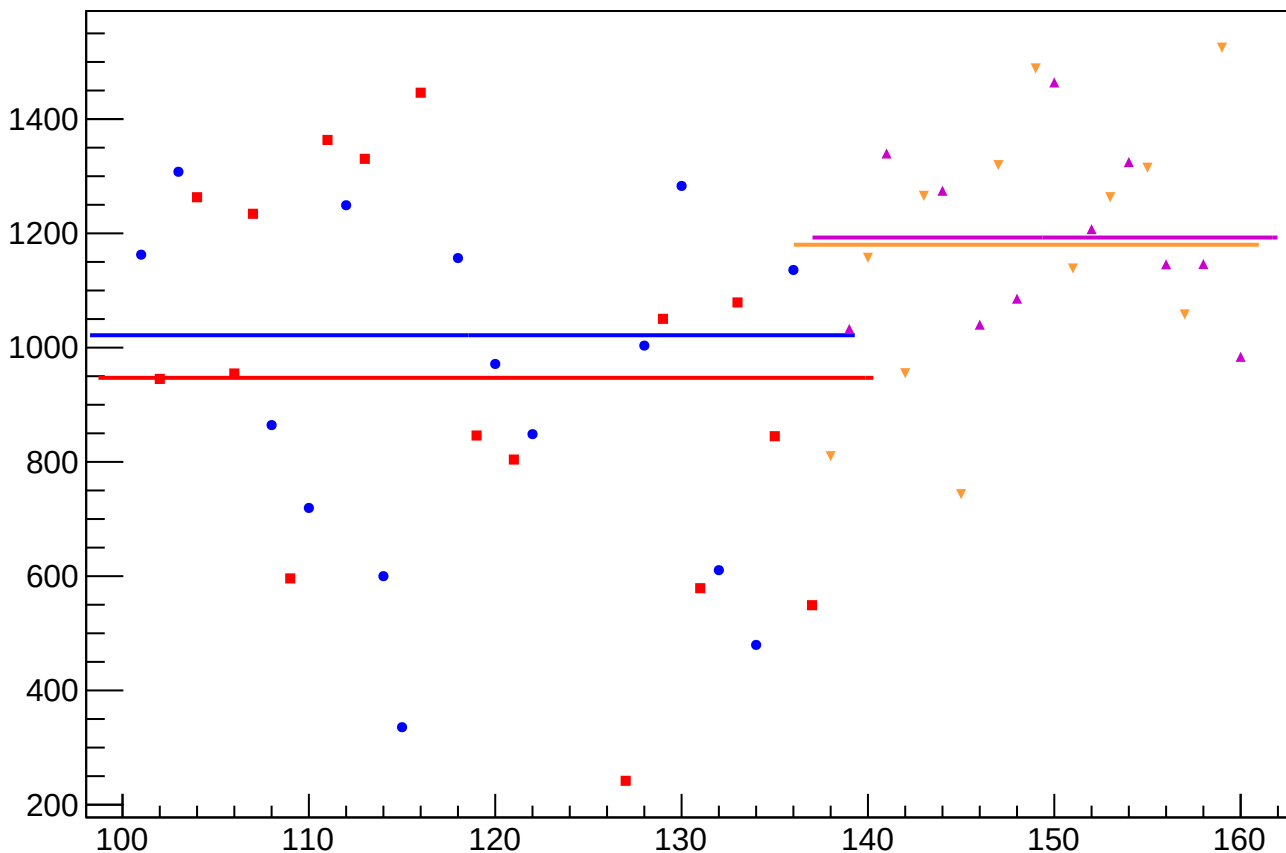
Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10

+ sign 1.867 ± 0.000 χ^2/NDF : 89616849039259009

All: 1.817 ± 0.000 χ^2/NDF : 16139323147650

- 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

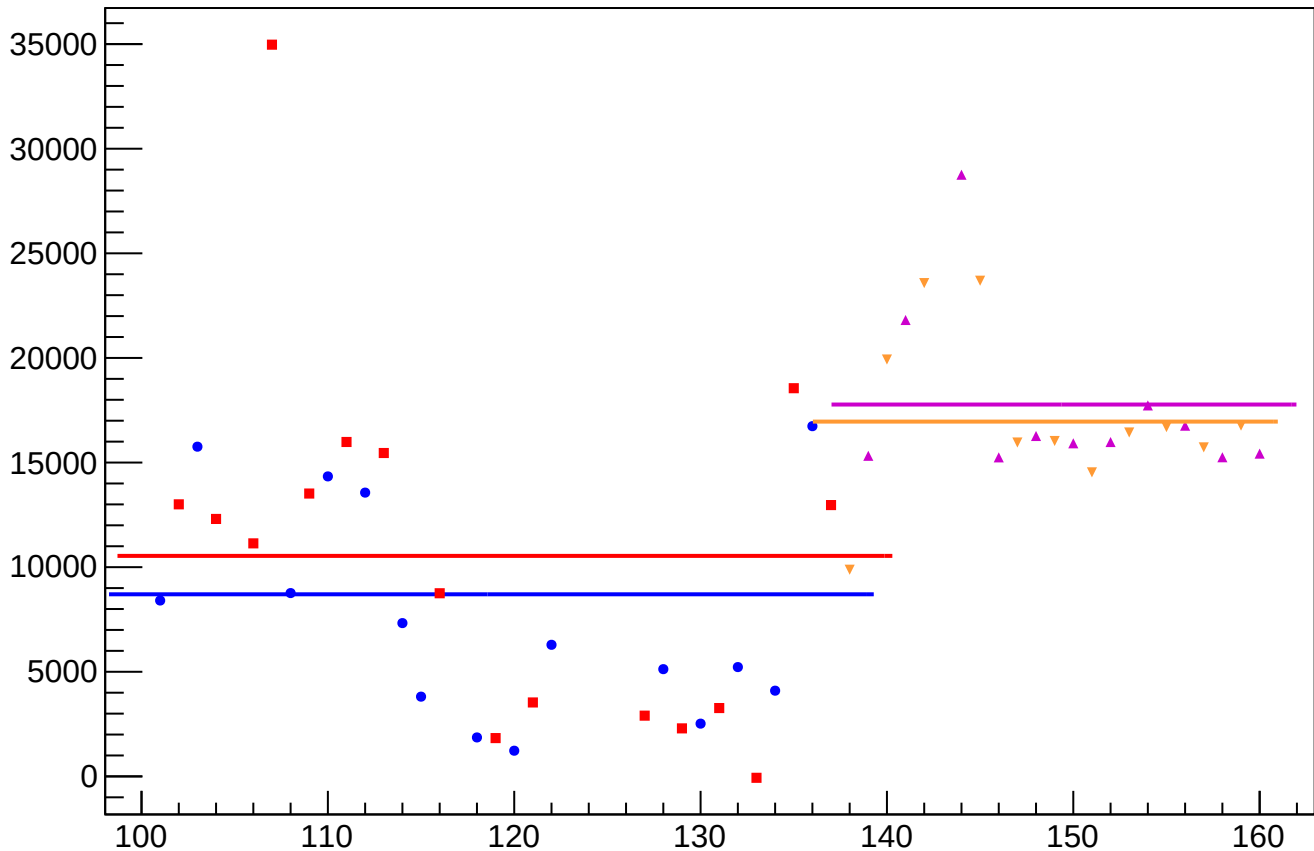
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

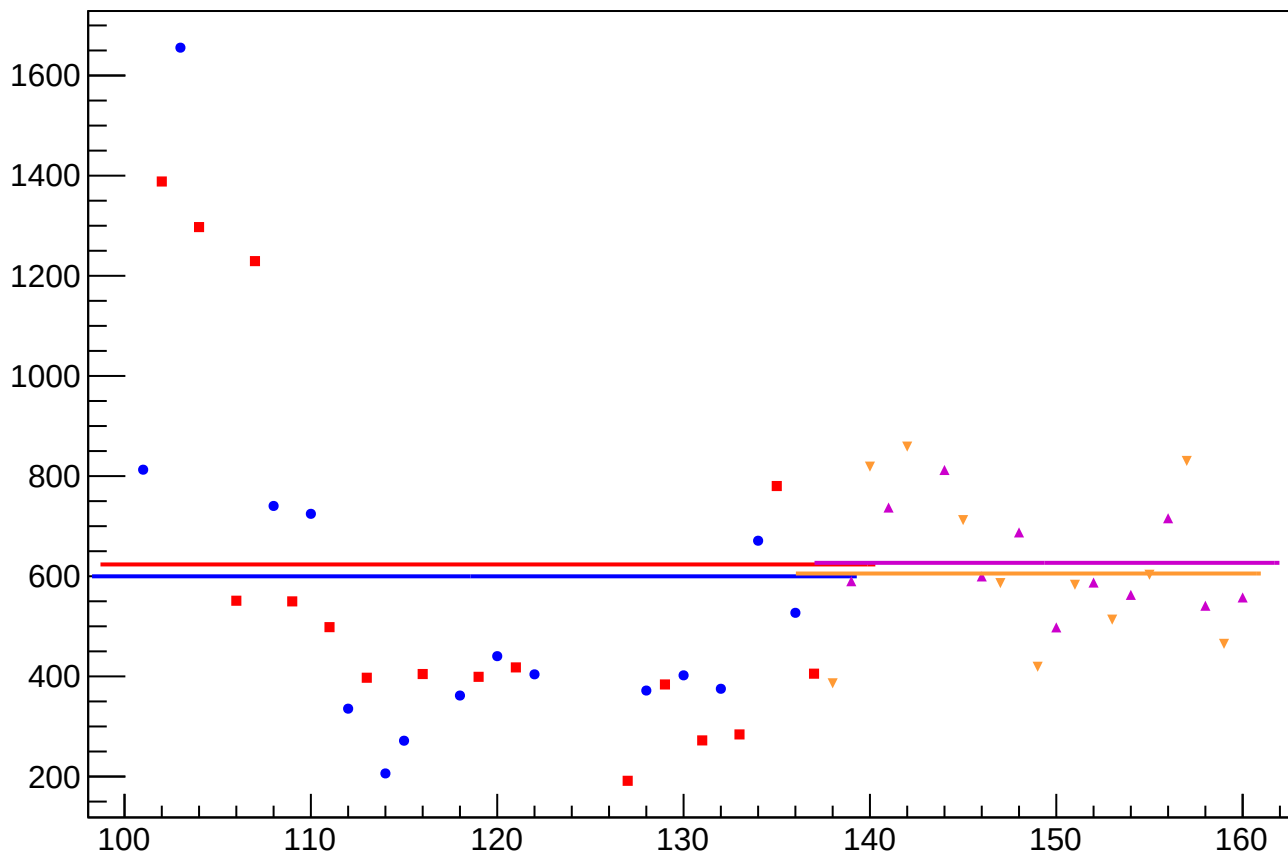
dit_usl_coil7_mean vs Slug



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

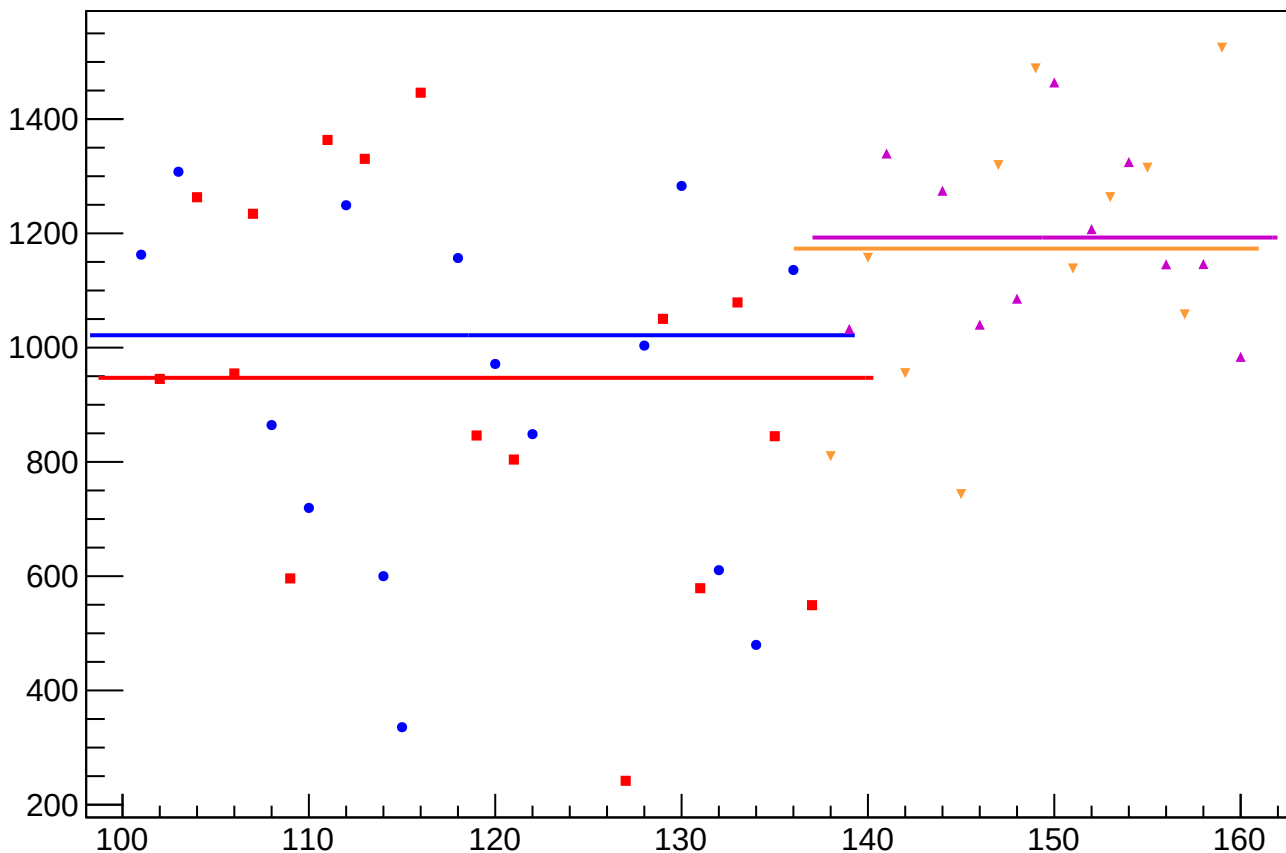
Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

All: 614.575+/-0.000 χ^2/NDF : 219881740645

- sign 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

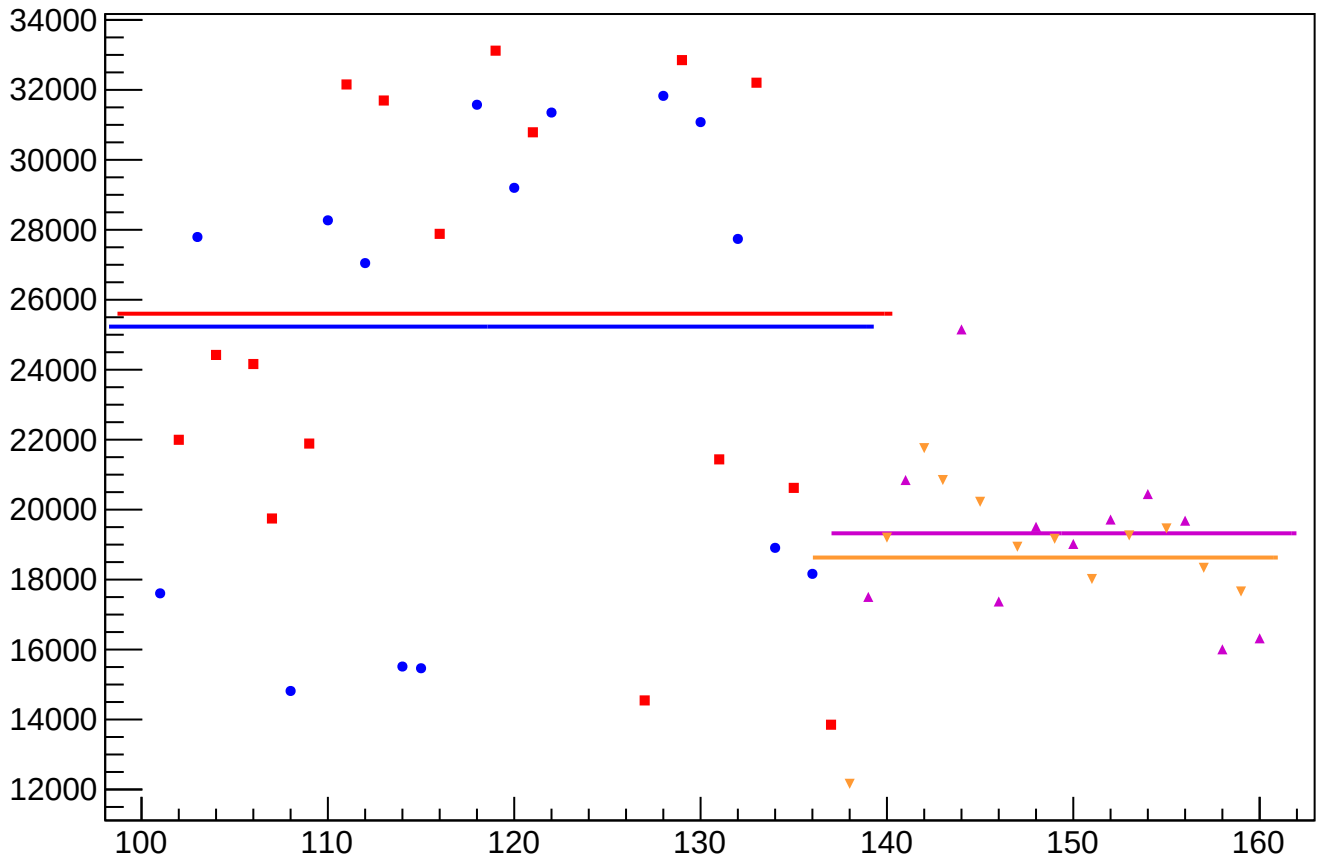
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

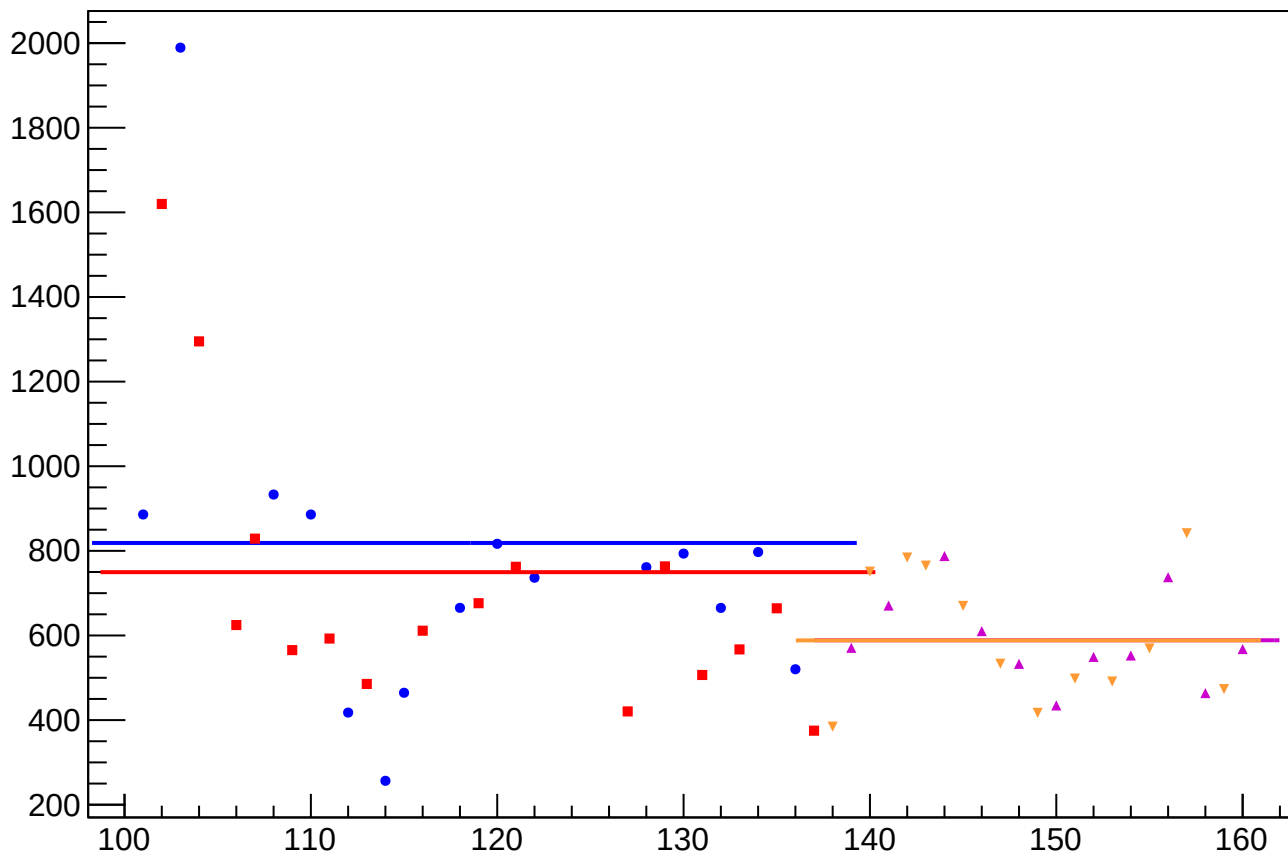
dit_usr_coil7_mean vs Slug



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
 All: 21666.026+/-0.000 χ^2/NDF : 9098110501
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175

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

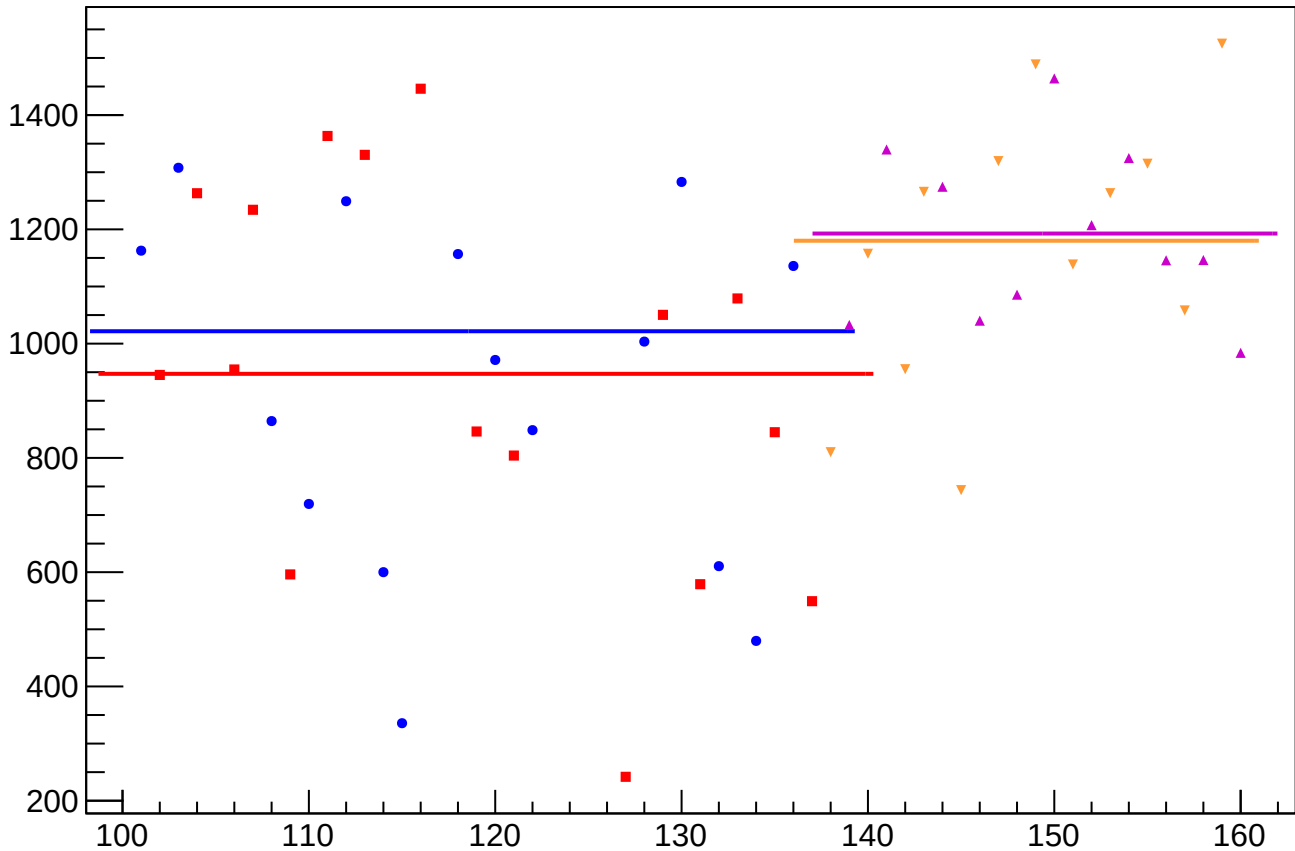
All: 669.969+/-0.000 χ^2/NDF : 244316509040

Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

- sign 656.176+/-0.000 χ^2/NDF : 979142023590546

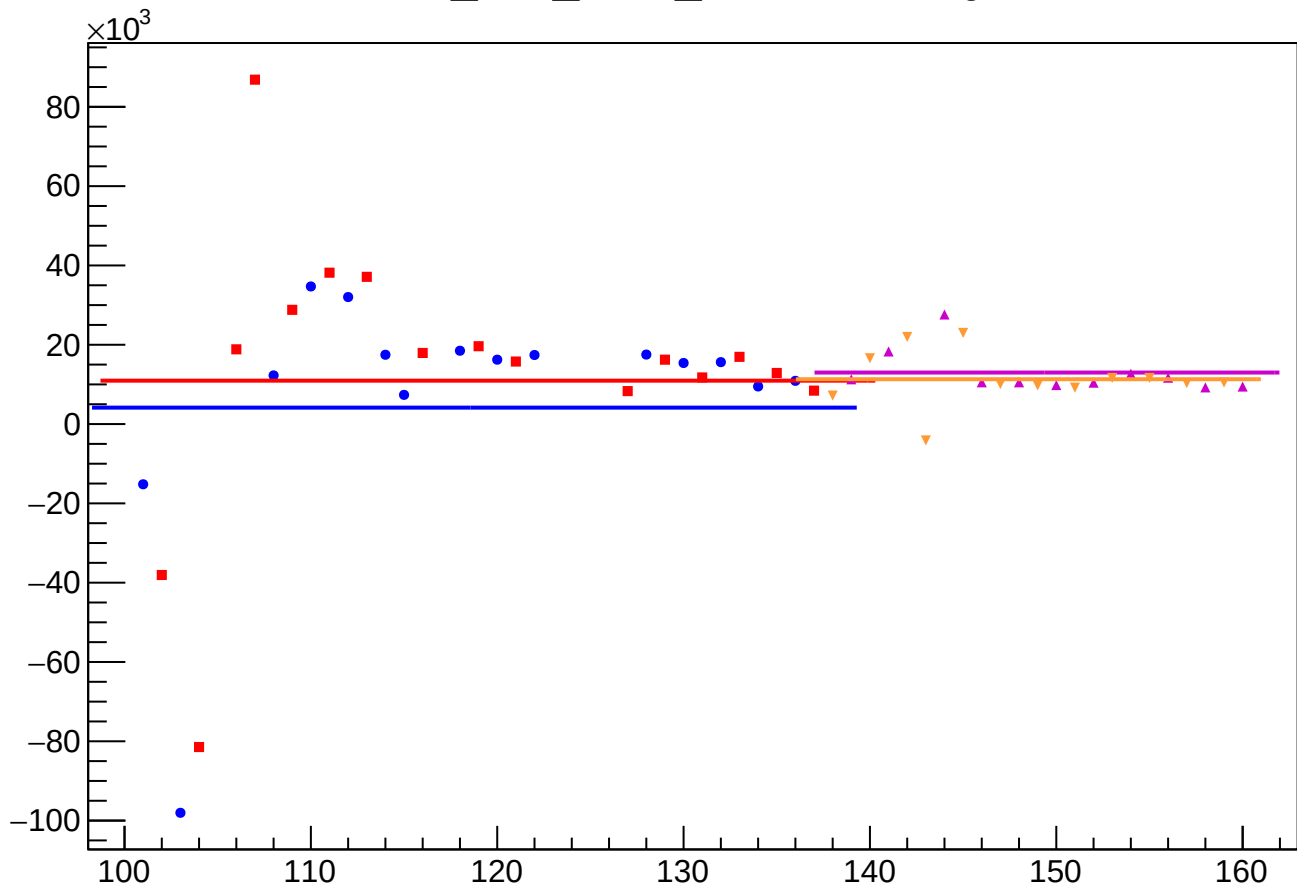
Left In: 588.693+/-0.000 χ^2/NDF : 9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



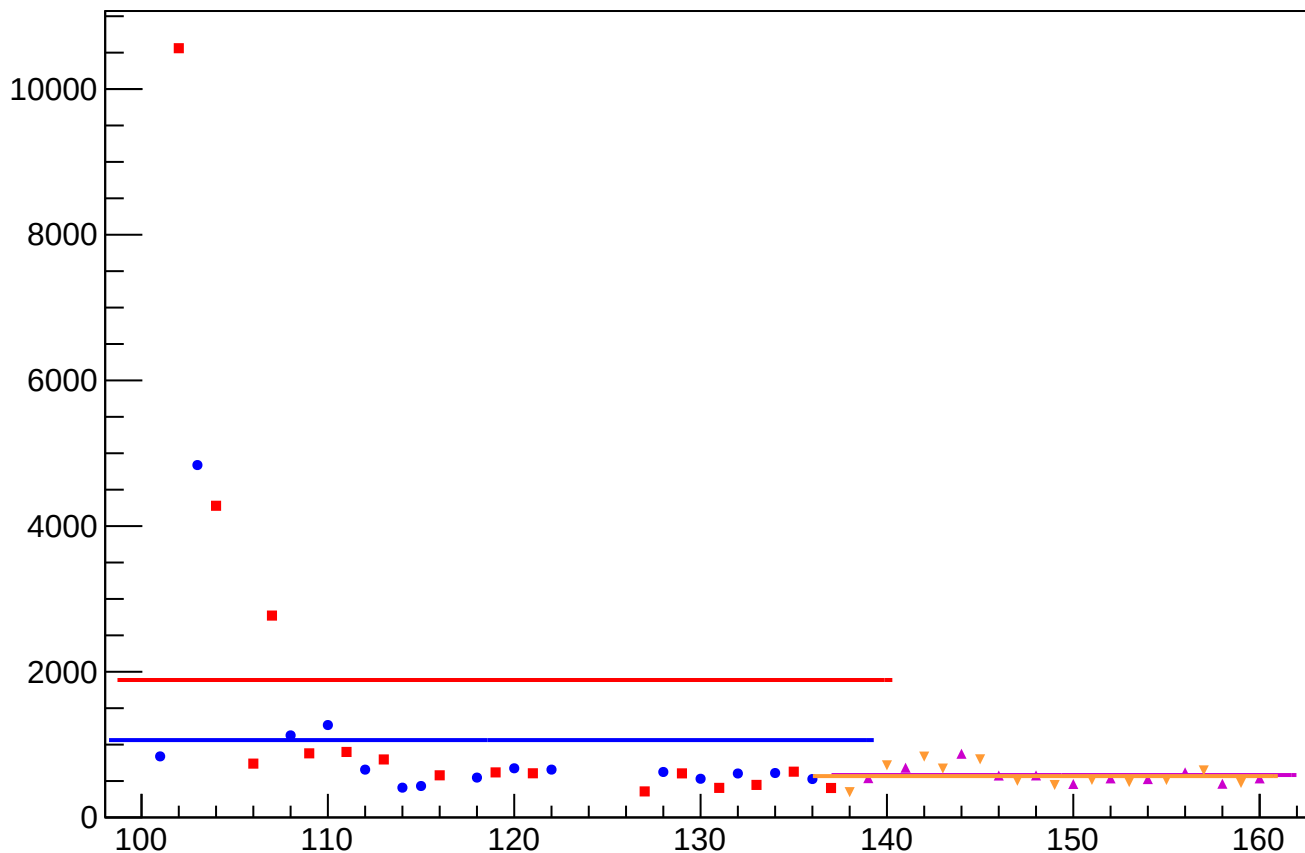
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1114.323+/-0.000	χ^2/NDF : 10080626753263
Left Out: 1180.103+/-0.000	χ^2/NDF : 50788606804690292724539730503787347968.0/11	All: 1101.926+/-0.000	χ^2/NDF : 21167730452
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- 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



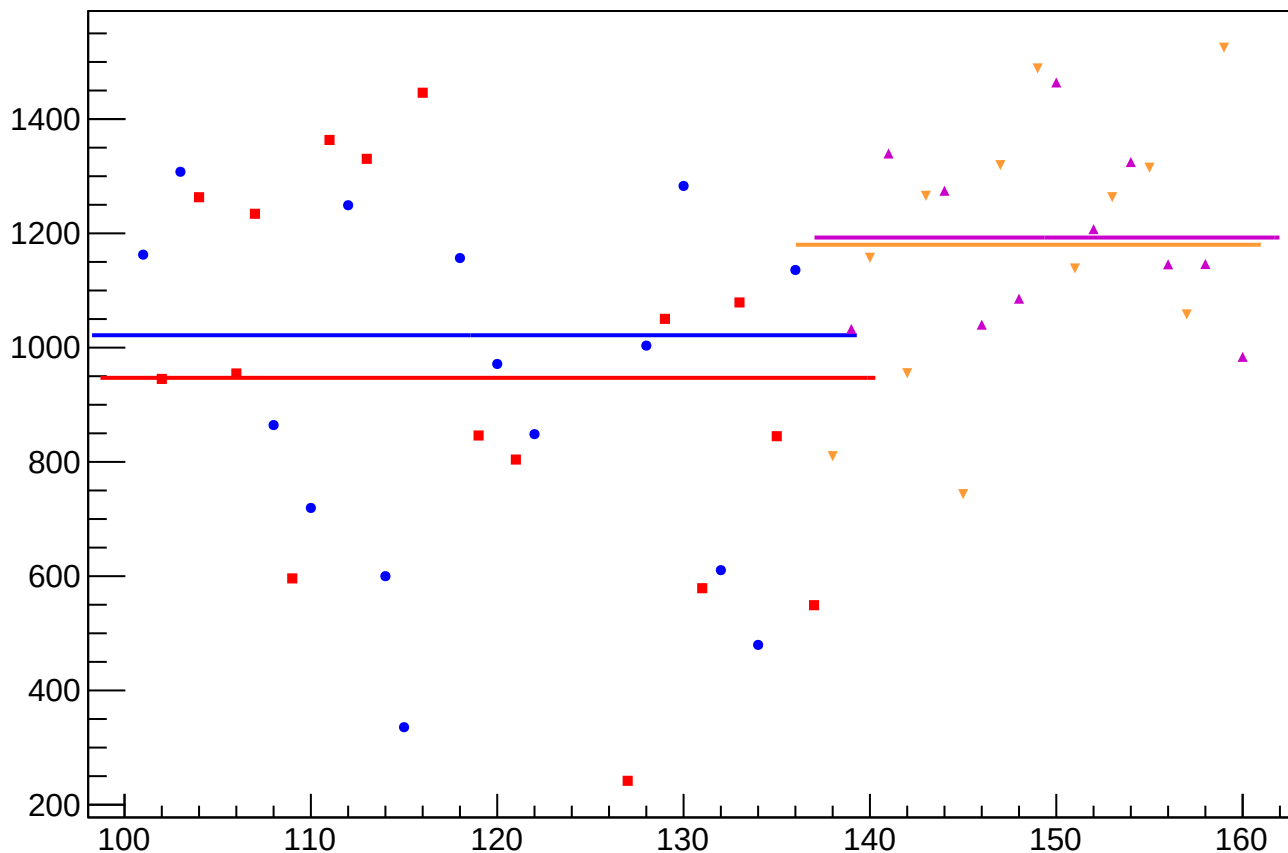
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 567.733+/-0.000 χ^2/NDF : 17522884747687495168010192179255312384.0/11

Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15

Left In: 582.413+/-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

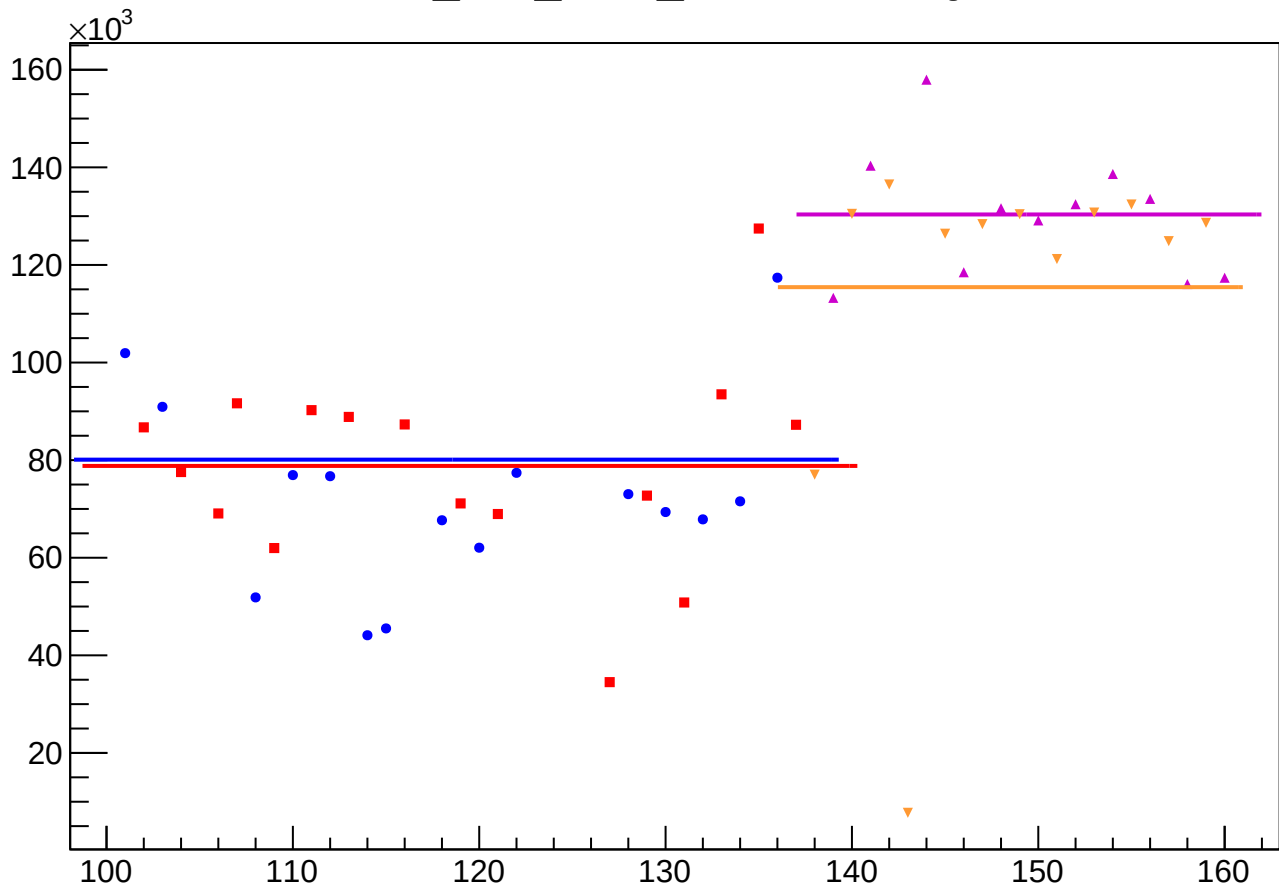
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

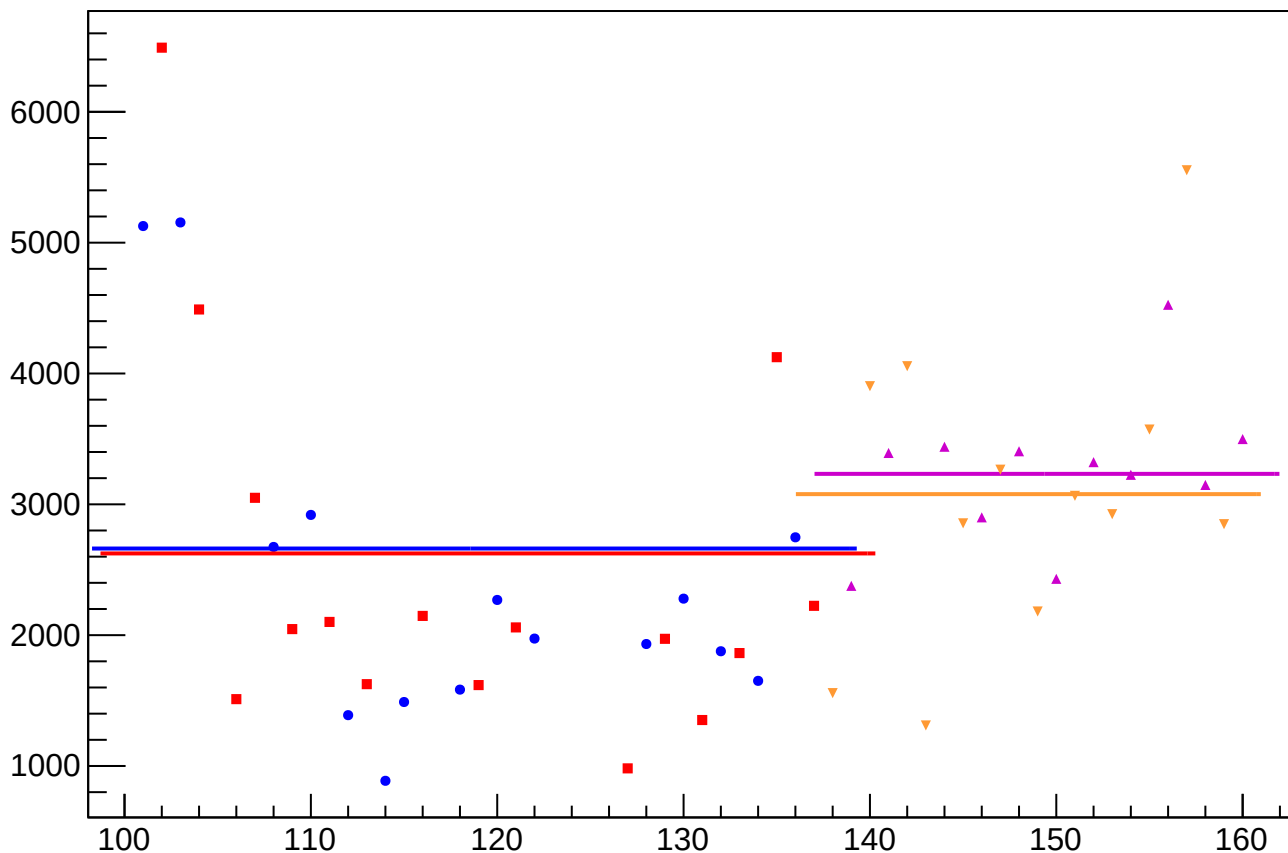
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atl2_coil7_mean vs Slug



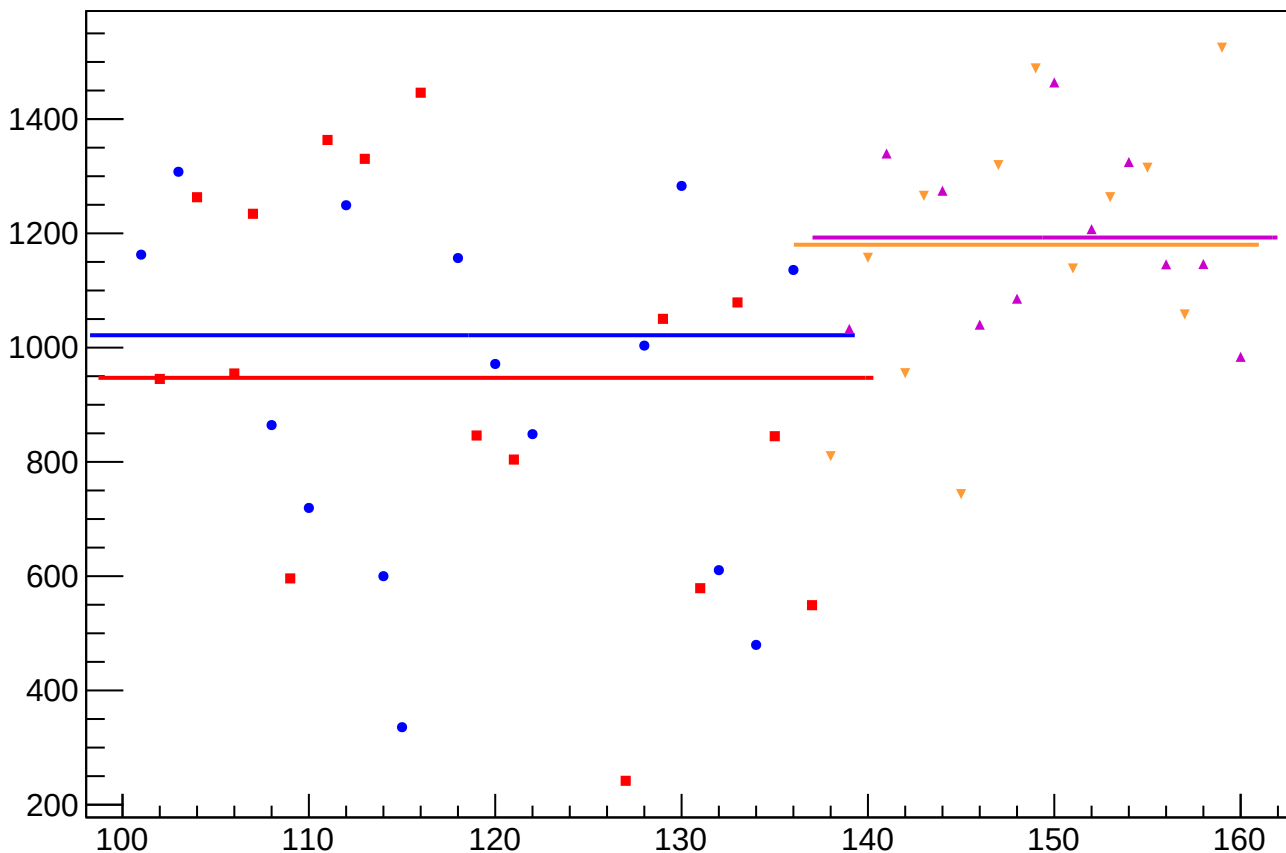
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 115448.893 $\pm$ 0.000 χ^2 /NDF: 1038801657464811255416211206986838896017408.0/11
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 130346.244 $\pm$ 0.000 χ^2 /NDF: 148174871015439819820100459279999278514176.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183 $\pm$ 0.000 χ^2 /NDF: 1031389230165640157864439705583367487488.0/14
 Left Out: 3077.945 $\pm$ 0.000 χ^2 /NDF: 1073709891492389198093936322660595138560.0/11
 Right Out: 2624.696 $\pm$ 0.000 χ^2 /NDF: 1566705216866534713590934835660406652928.0/15
 Left In: 3232.879 $\pm$ 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

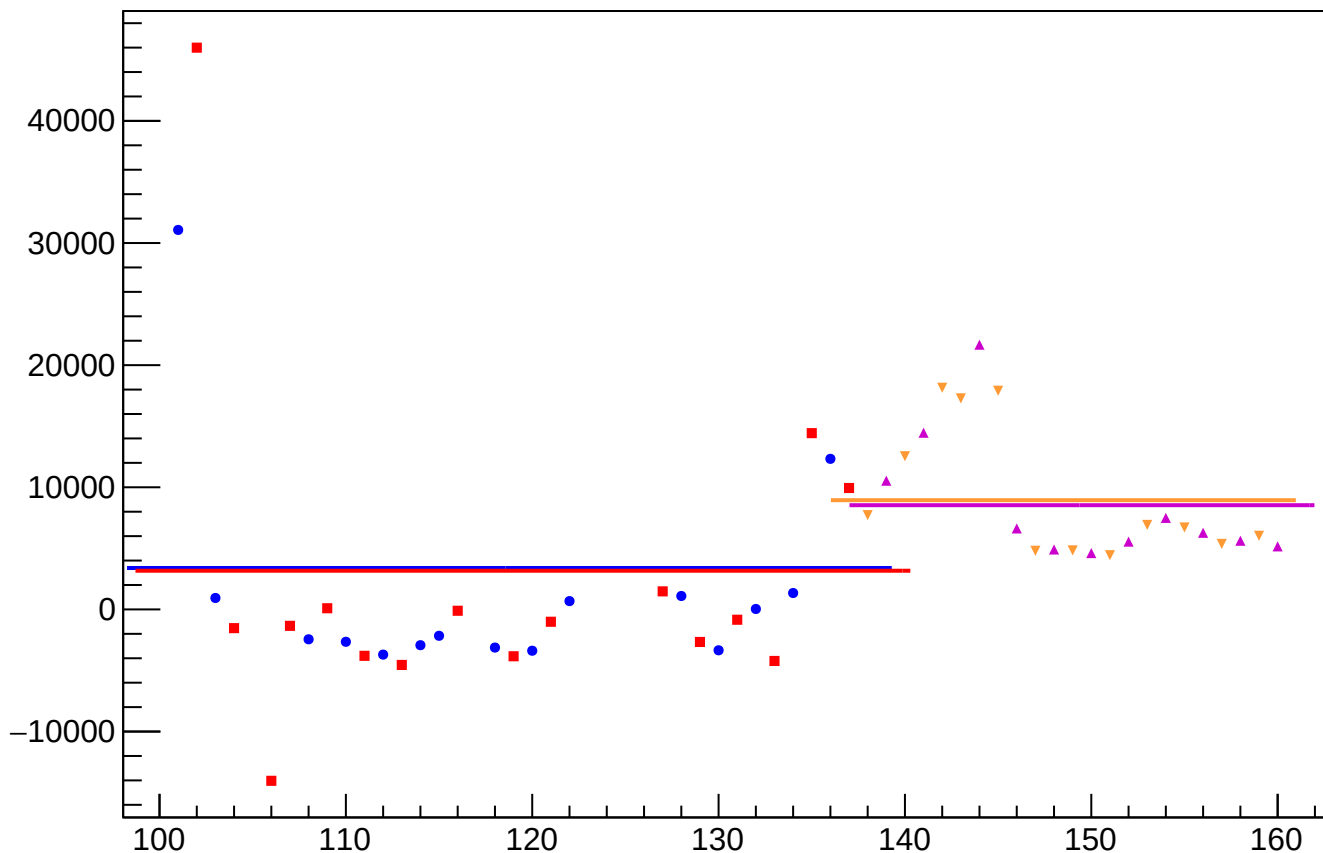
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

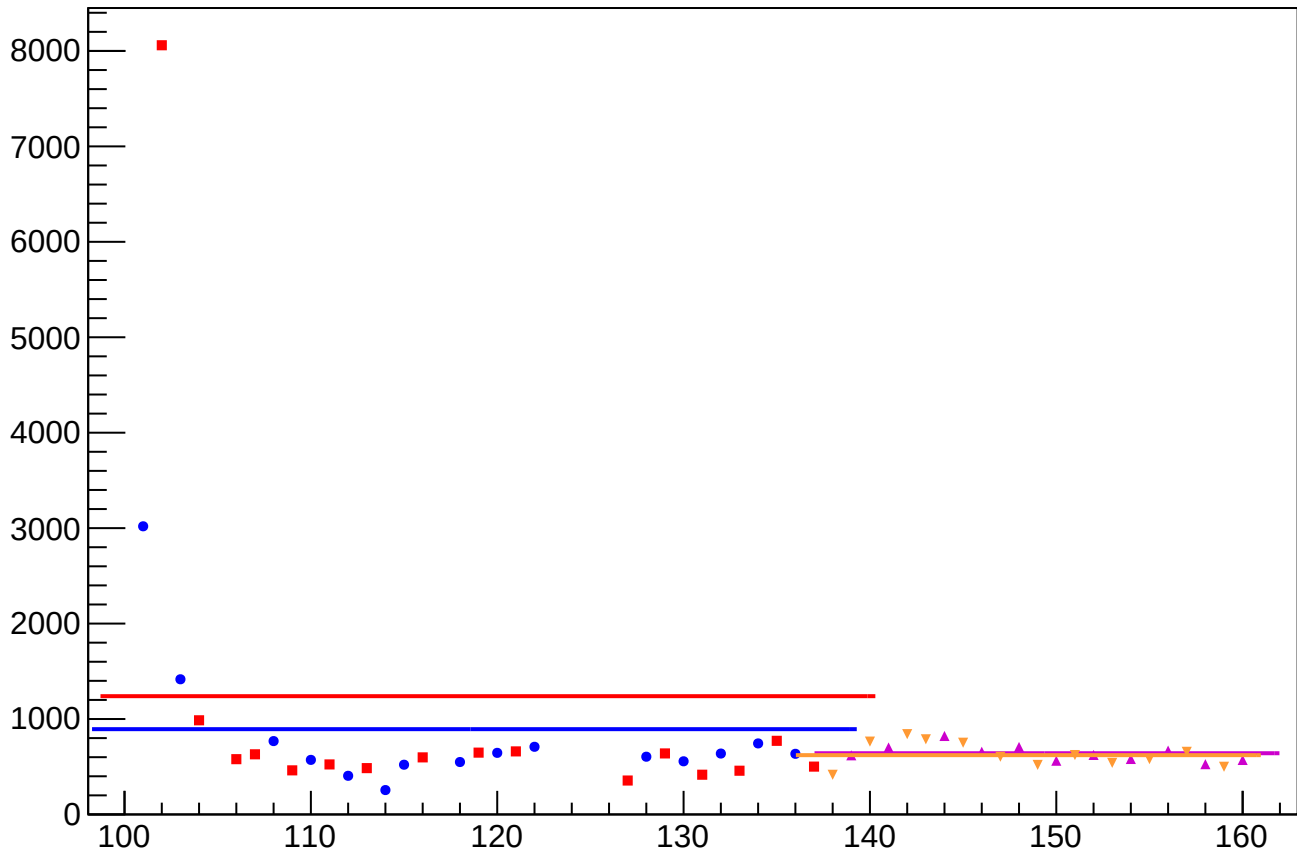
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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

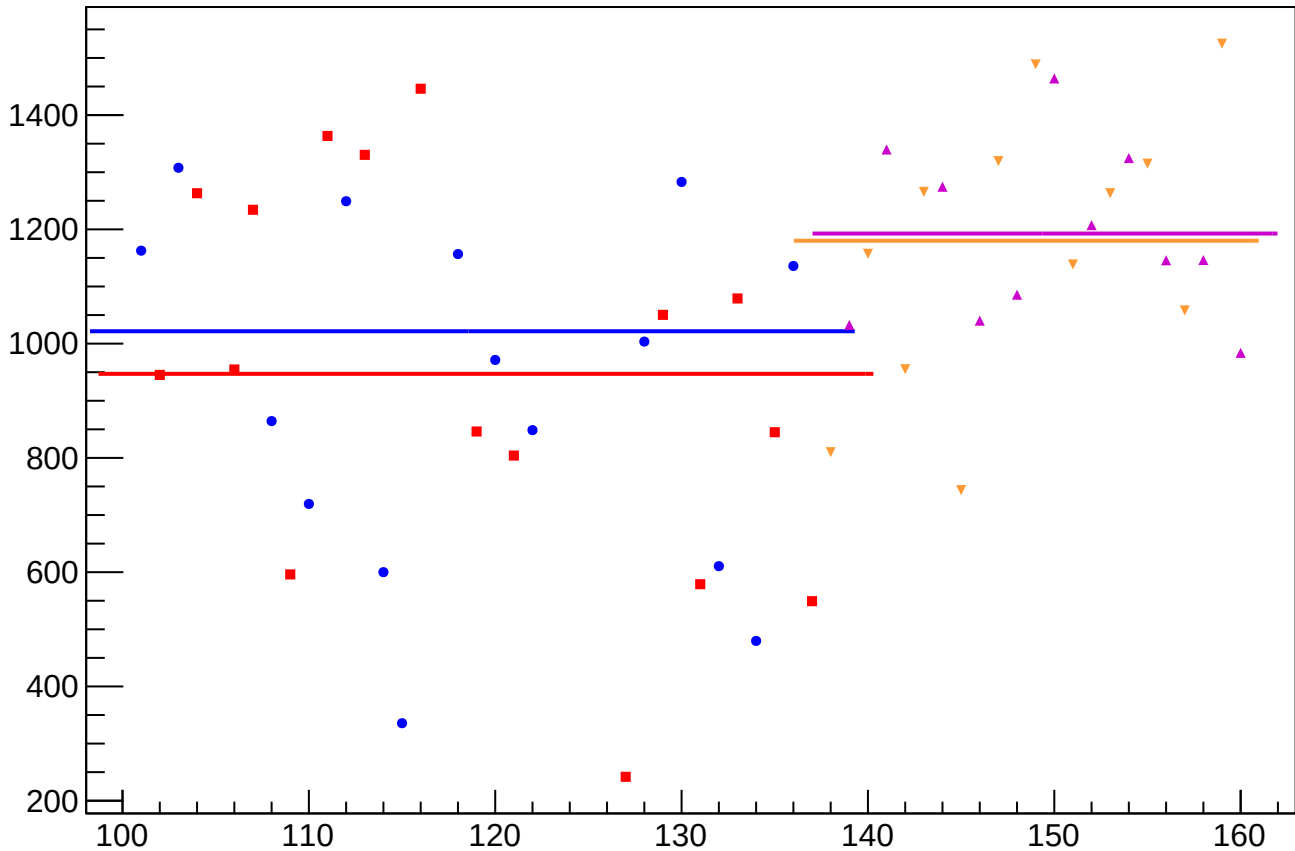
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

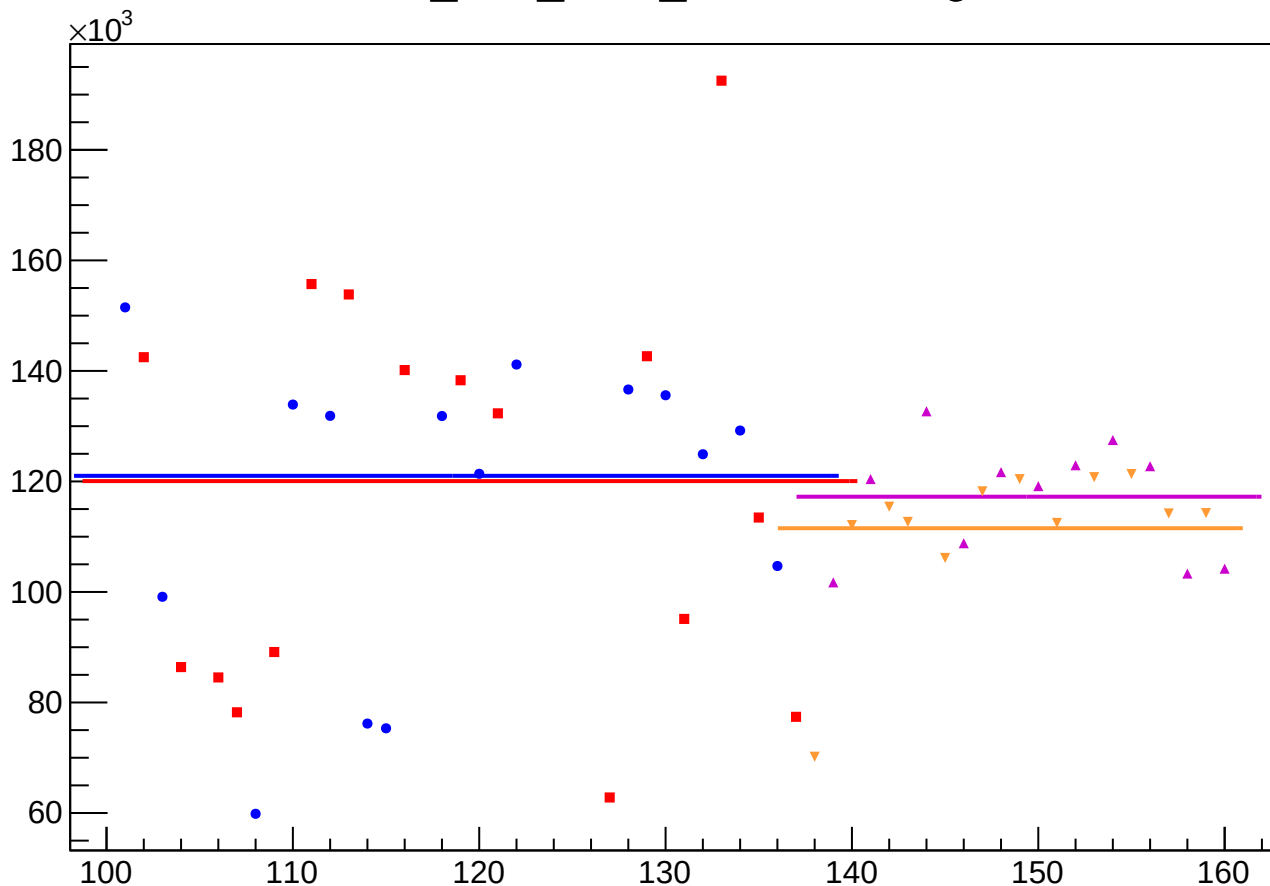
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

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 : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

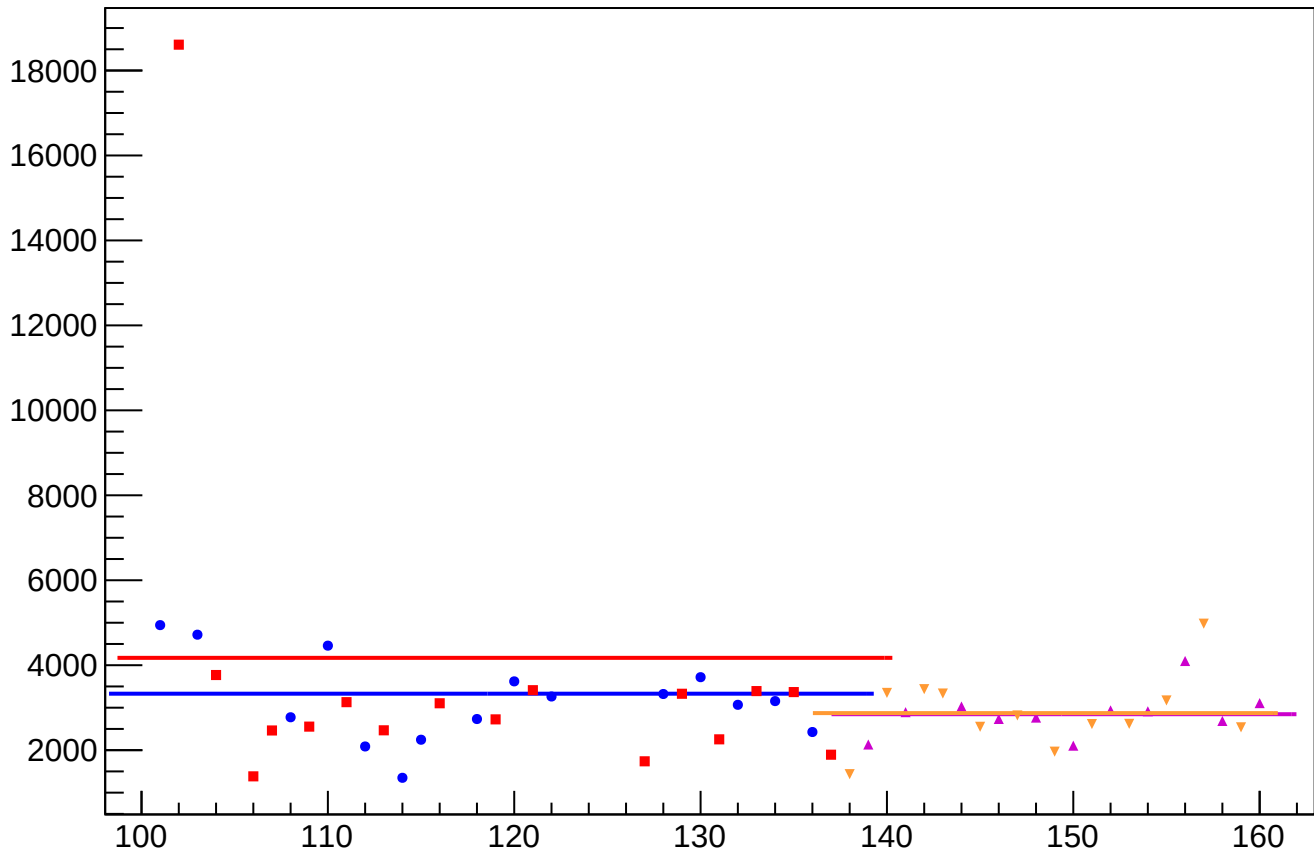
dit_atr2_coil7_mean vs Slug



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

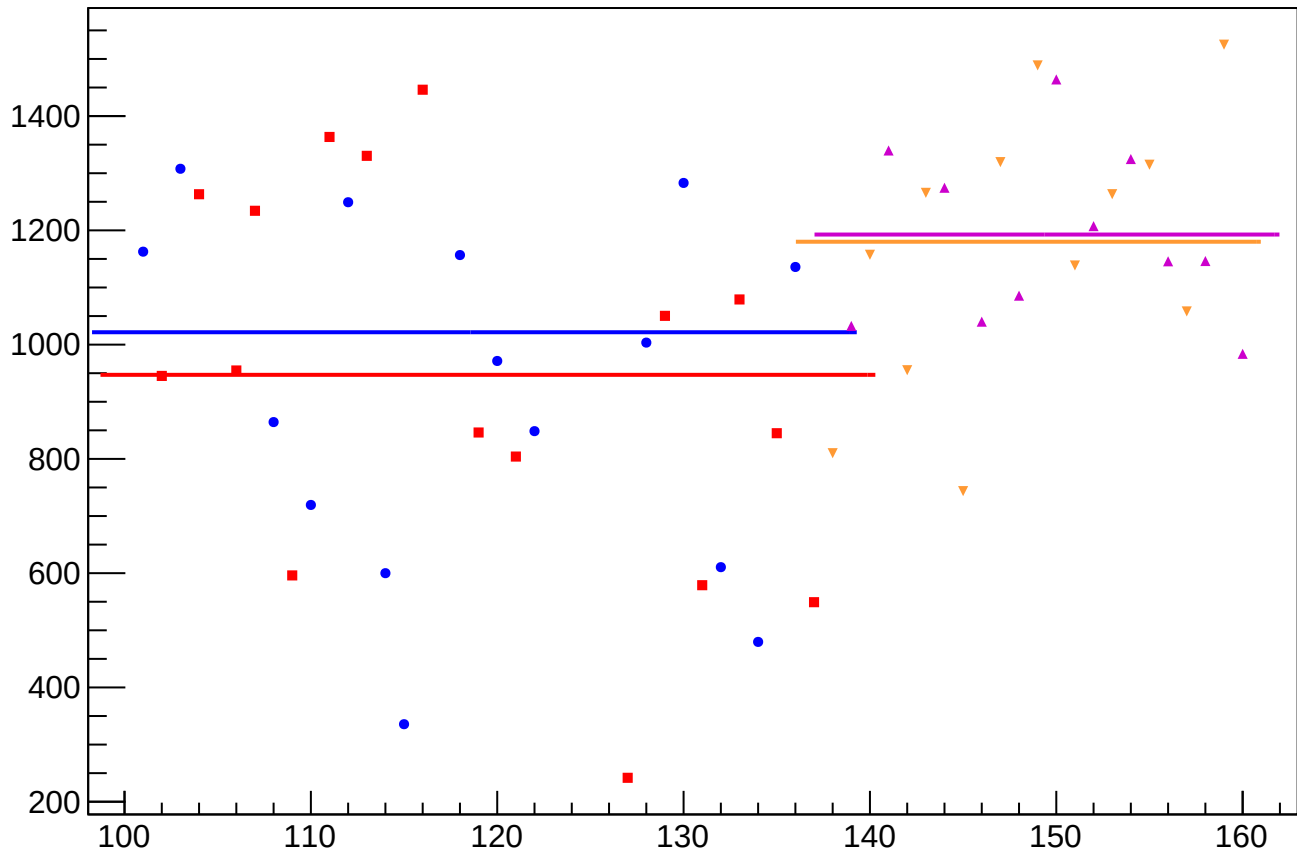
dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567 $\pm$ 0.000 χ^2 /NDF: 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559 $\pm$ 0.000 χ^2 /NDF: 229557109736682123603885764134616170496.0/10

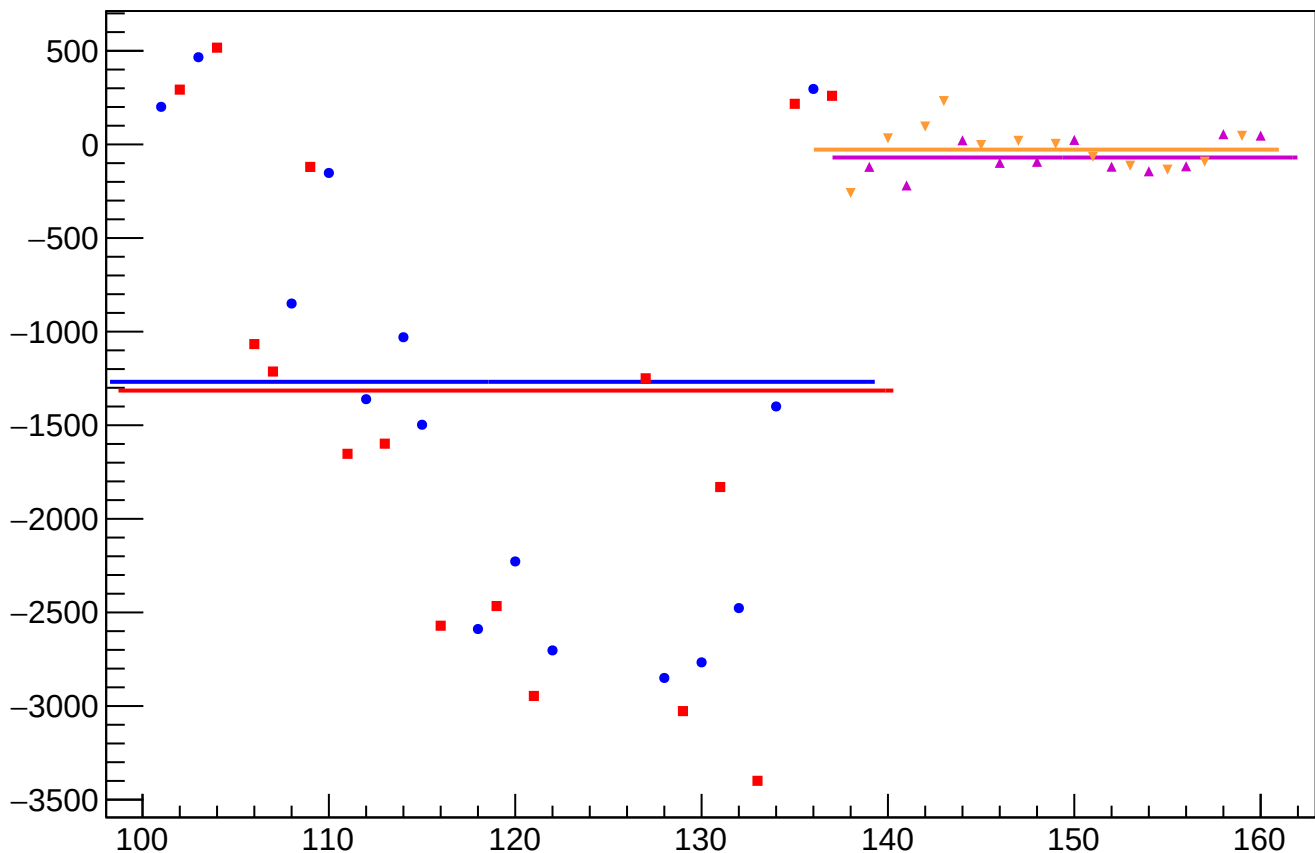
+ sign 3062.293 $\pm$ 0.000 χ^2 /NDF: 13091528183331
 All: 3234.072 $\pm$ 0.000 χ^2 /NDF: 15810392876
 - sign 3402.829 $\pm$ 0.000 χ^2 /NDF: 14409809055061

dit_atr2_coil7_Ndata_mean vs Slug



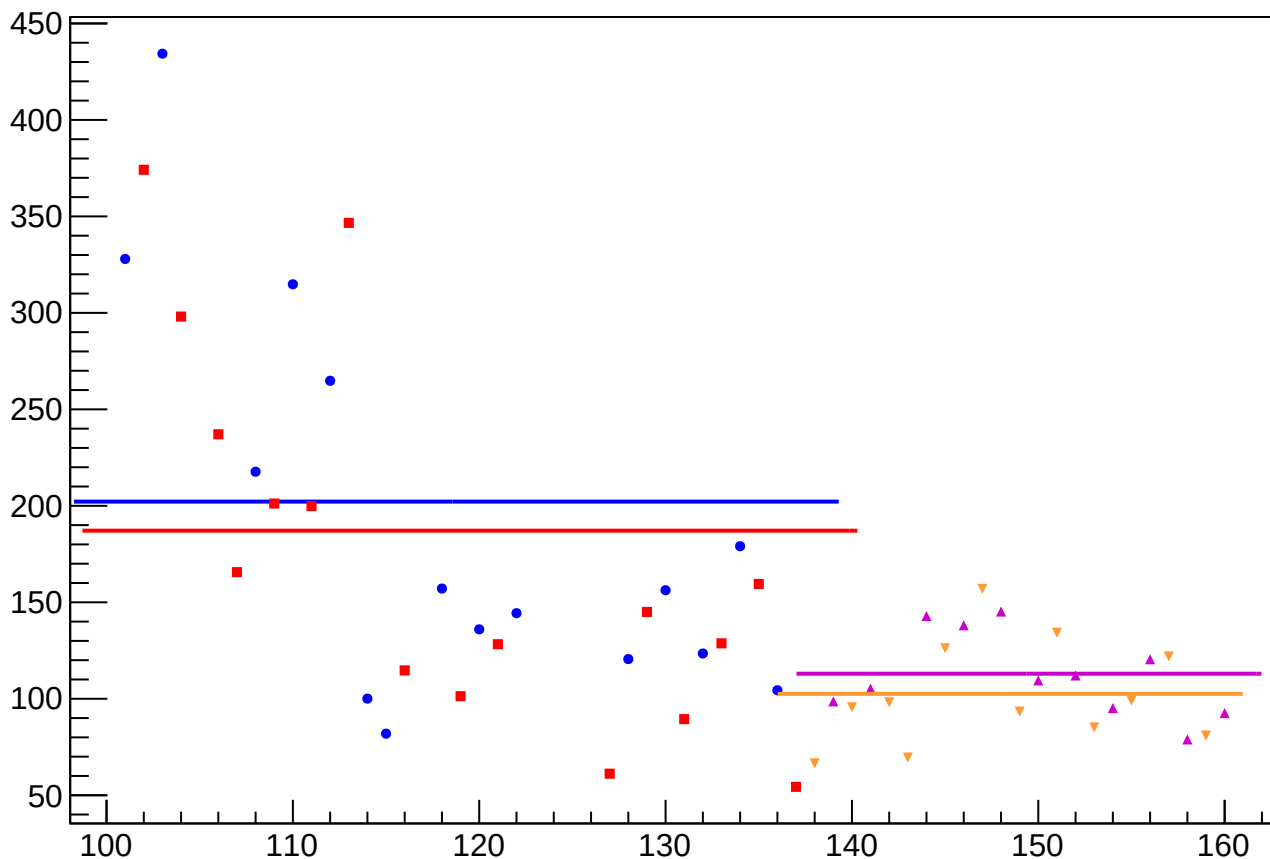
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 6778465601193652151169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

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

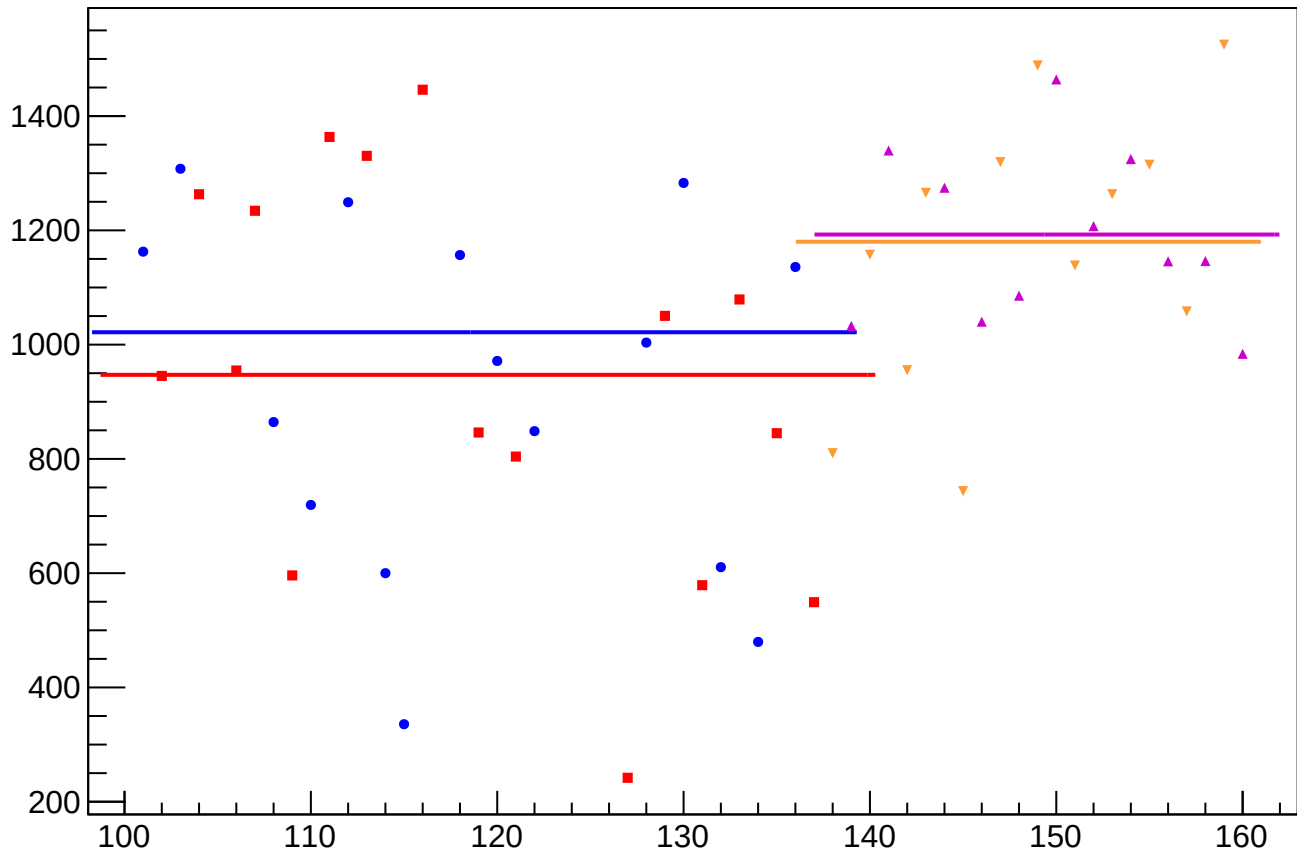
Left In: 112.981 $\pm$ 0.000 χ^2 /NDF: 399082569166702797505998561799569408.0/10

+ sign 143.922 $\pm$ 0.000 χ^2 /NDF: 114280634979740

All: 143.994 $\pm$ 0.000 χ^2 /NDF: 20186723766

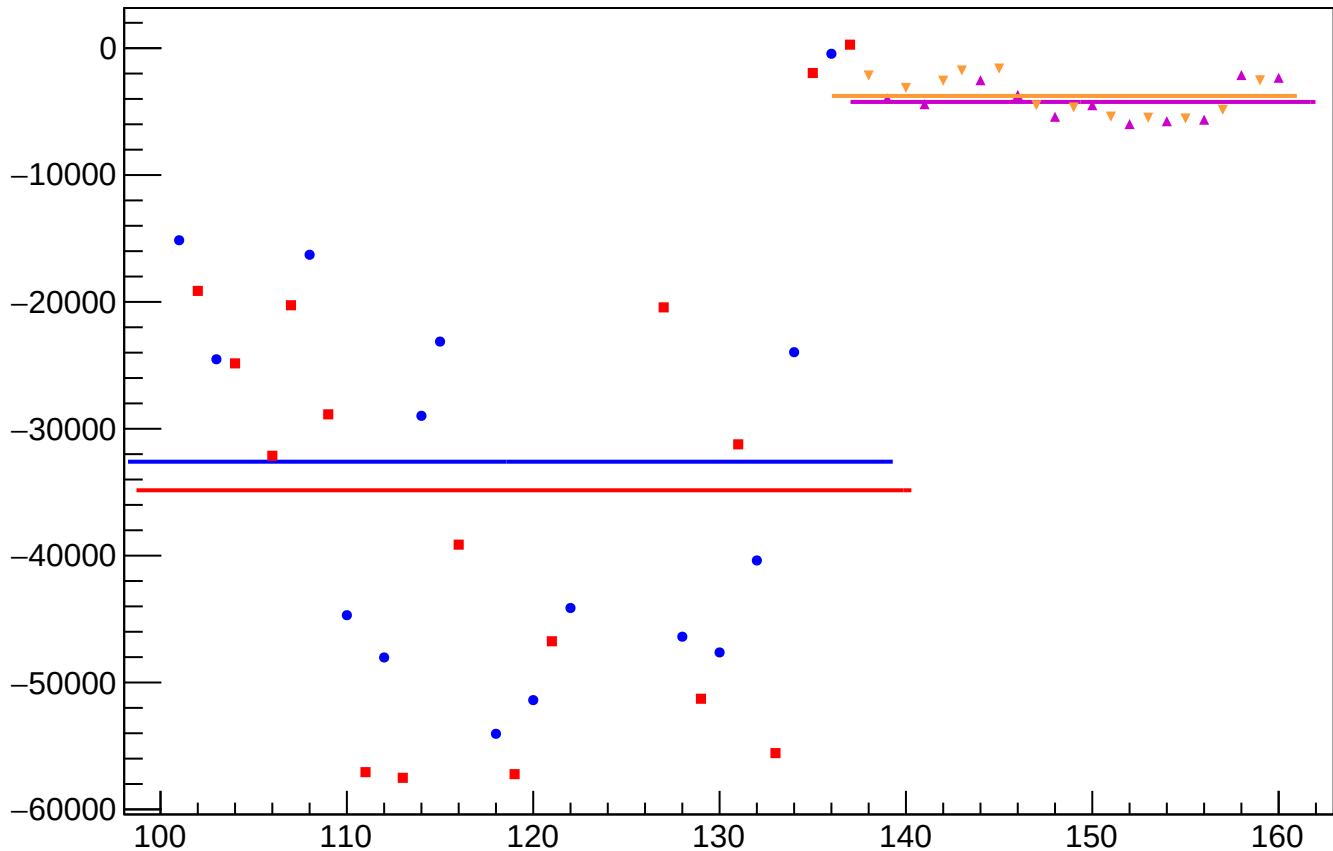
- sign 144.065 $\pm$ 0.000 χ^2 /NDF: 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



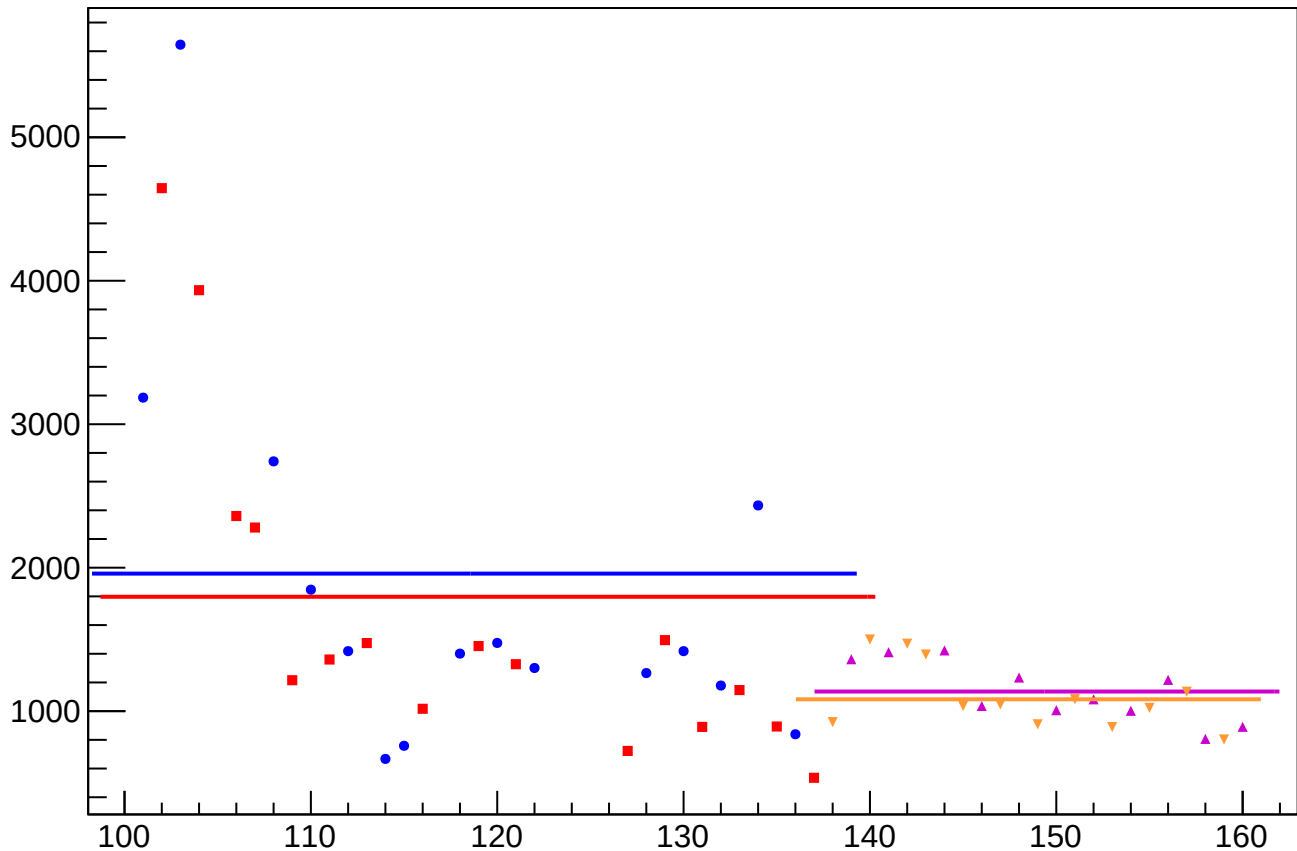
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_sam2_coil7_mean vs Slug



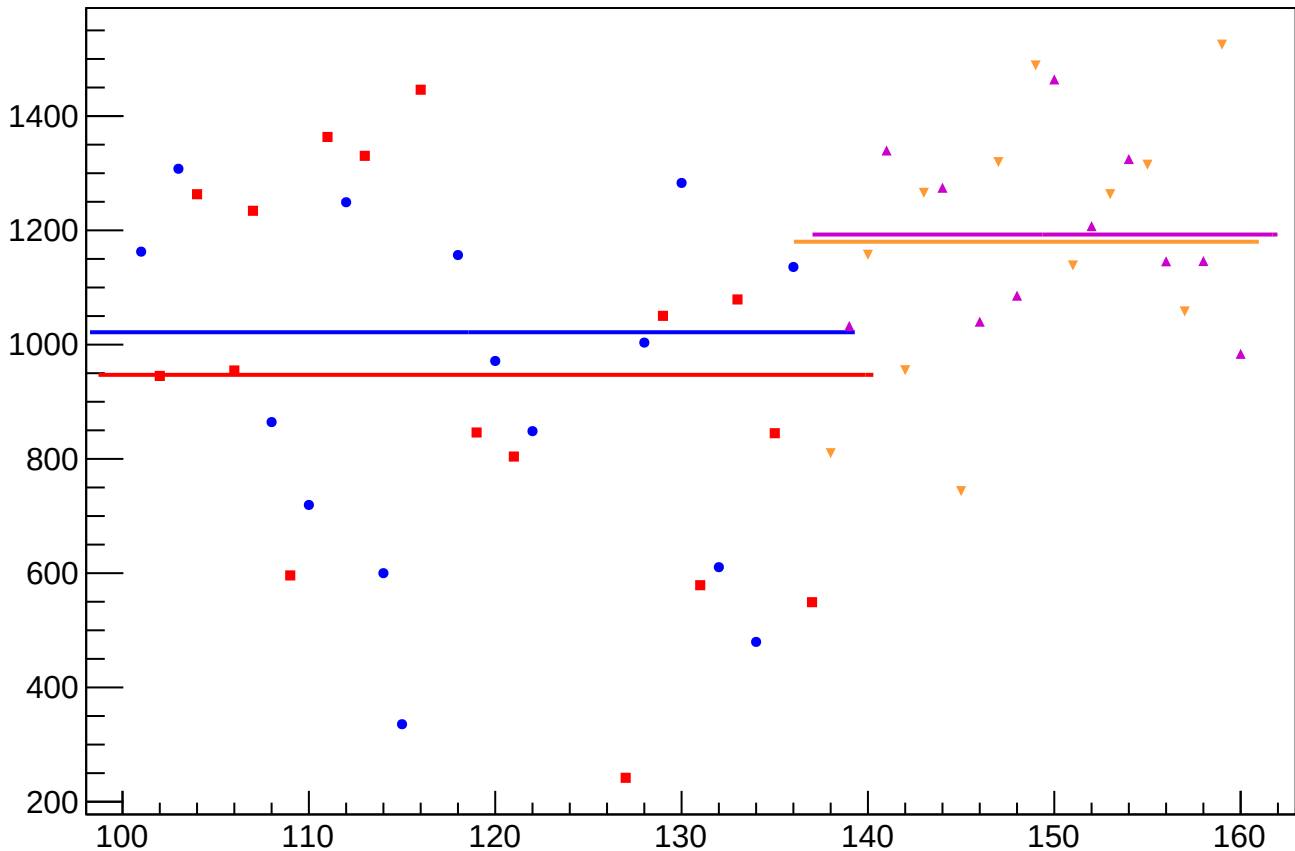
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3764.764 ± 0.000 χ^2/NDF : 1969097651481267133720686593450373545984.0/11
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758 ± 0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



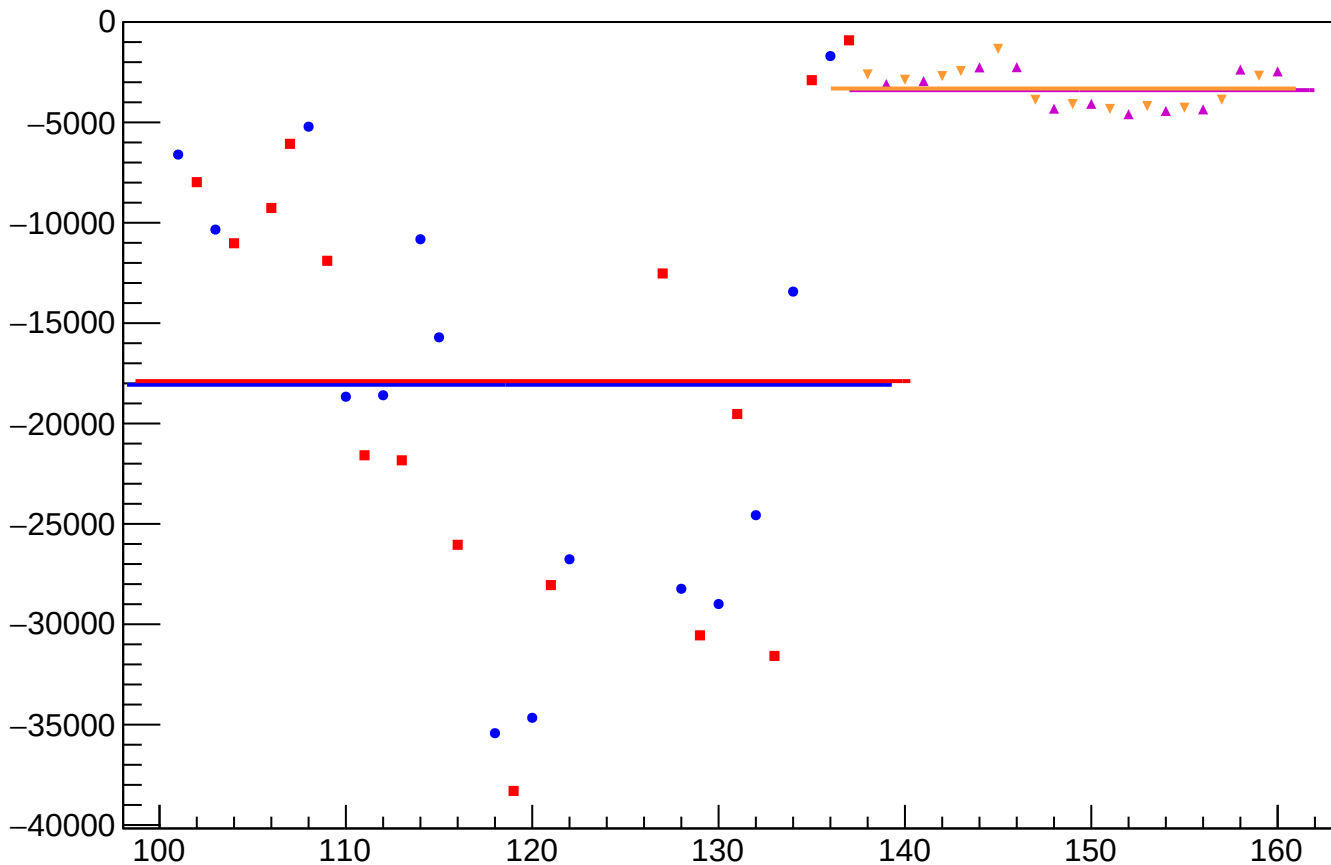
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1082.769+/-0.000 χ^2/NDF : 42435467592938018504955570075058831360.0/11
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10

dit_sam2_coil7_Ndata_mean vs Slug



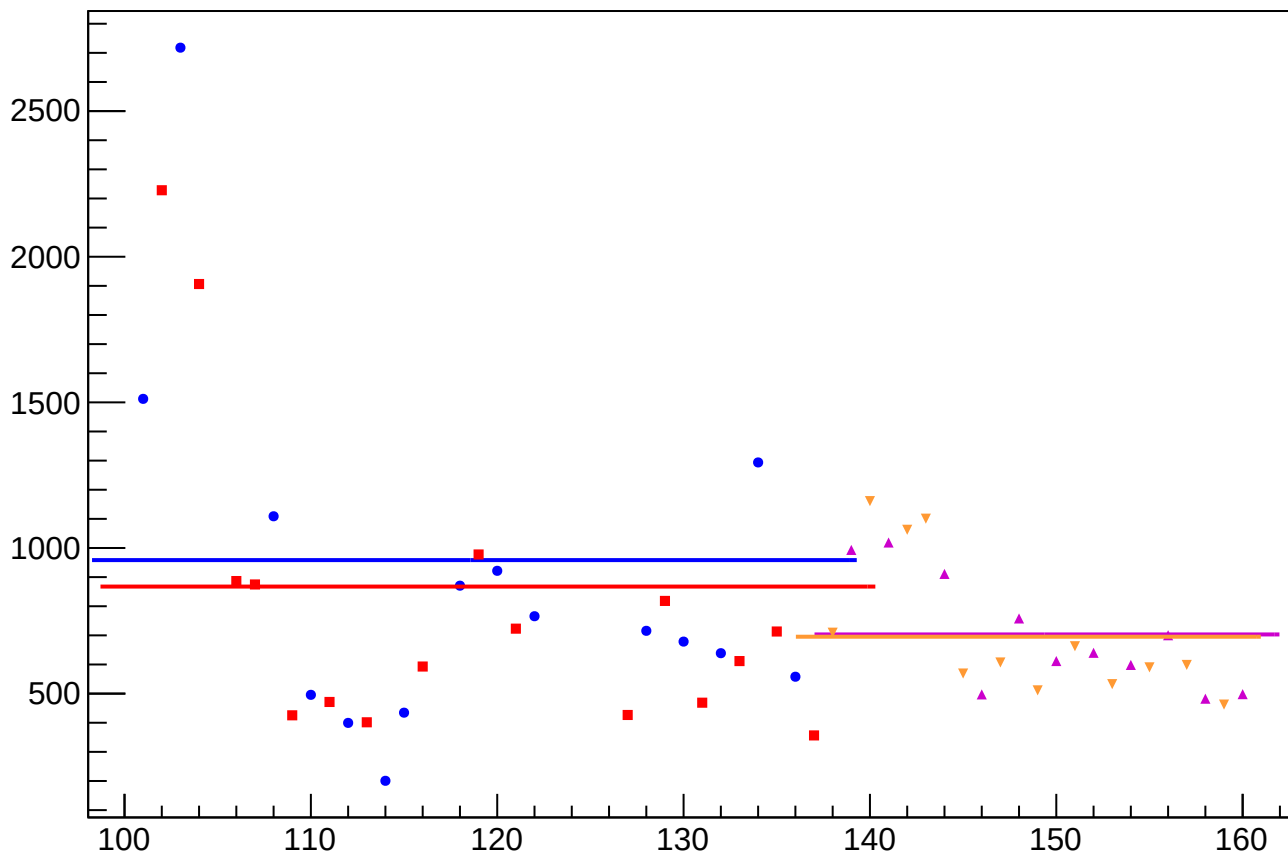
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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 : 26473310505852282278137197070739570688.0/14

Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

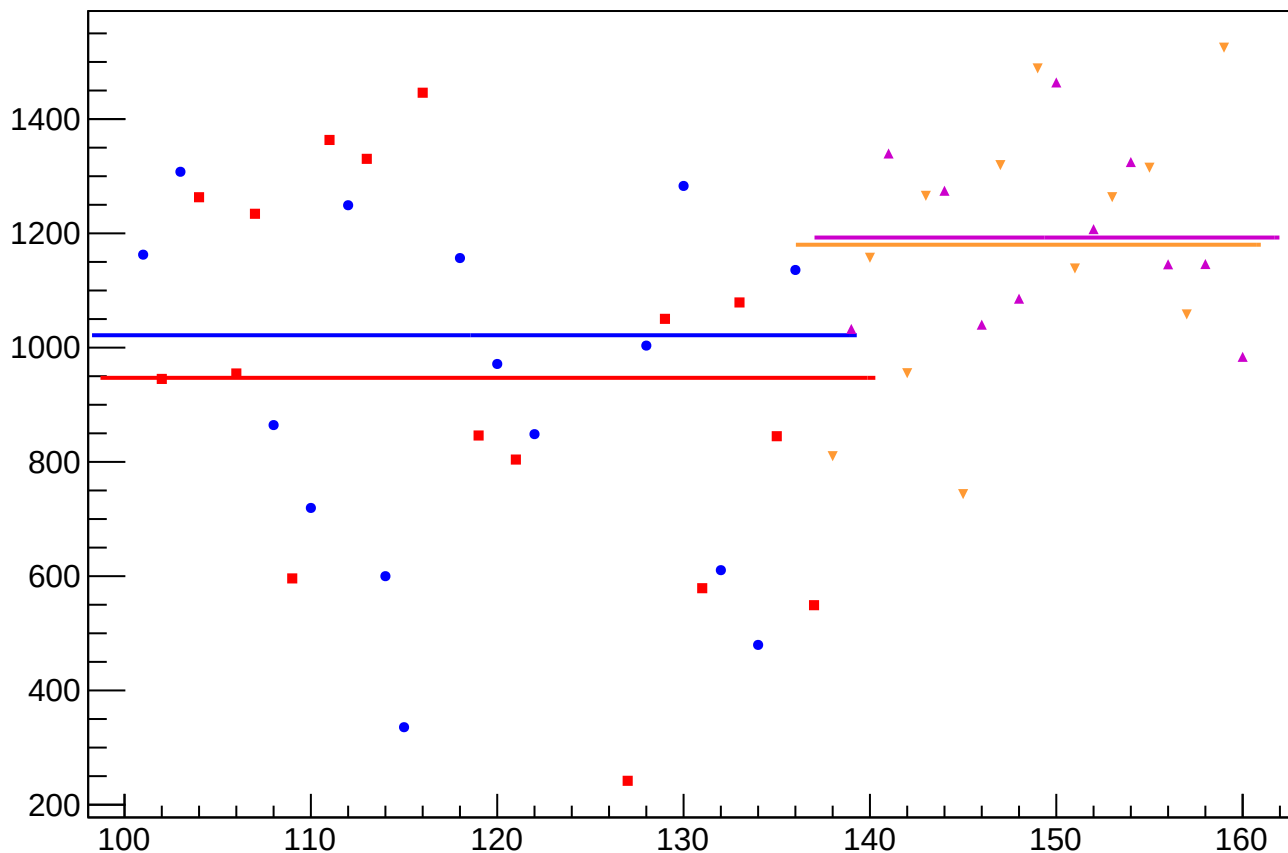
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ sign 804.584+/-0.000 χ^2/NDF : 338998928620433

- sign 772.078+/-0.000 χ^2/NDF : 258636009193620

All: 788.186+/-0.000 χ^2/NDF : 598468024963

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

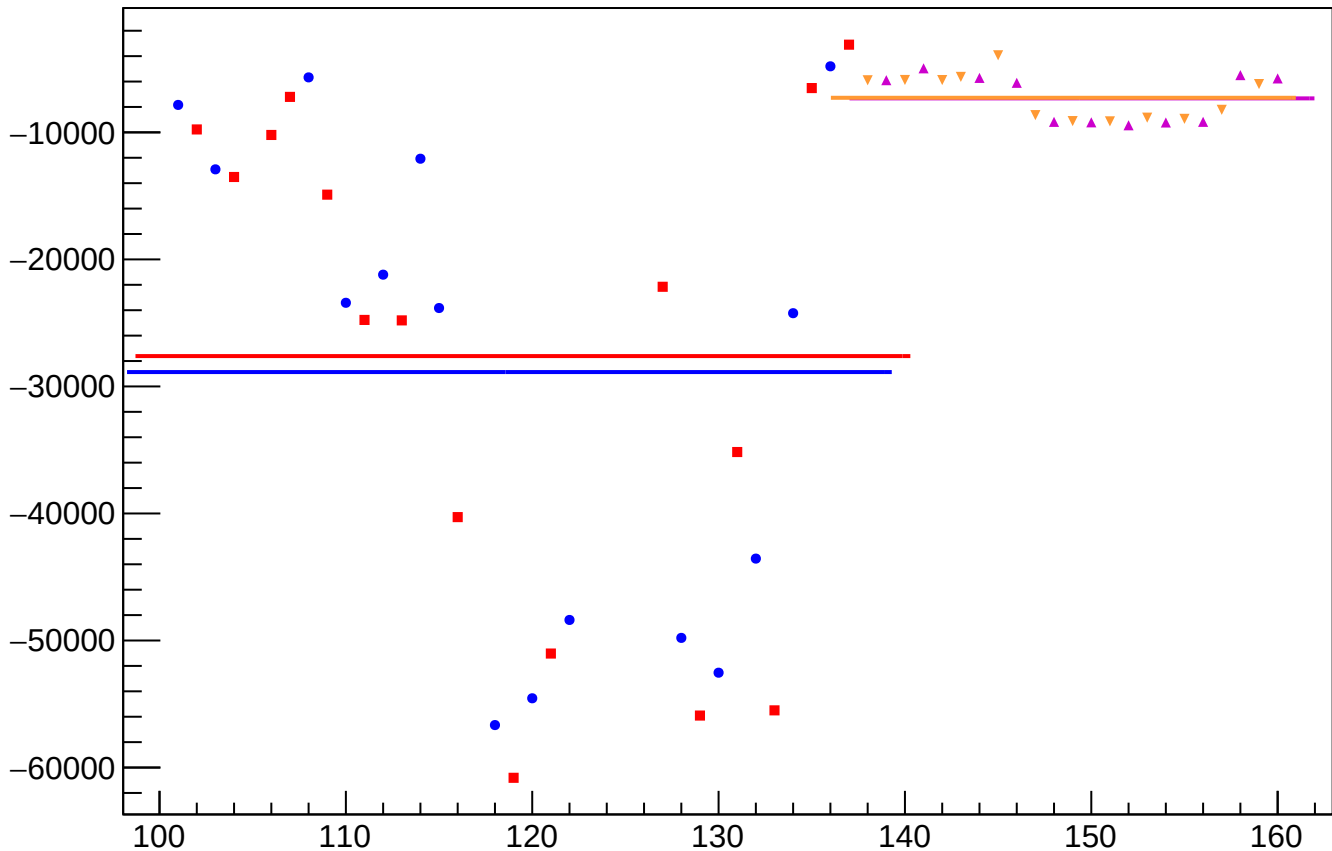
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

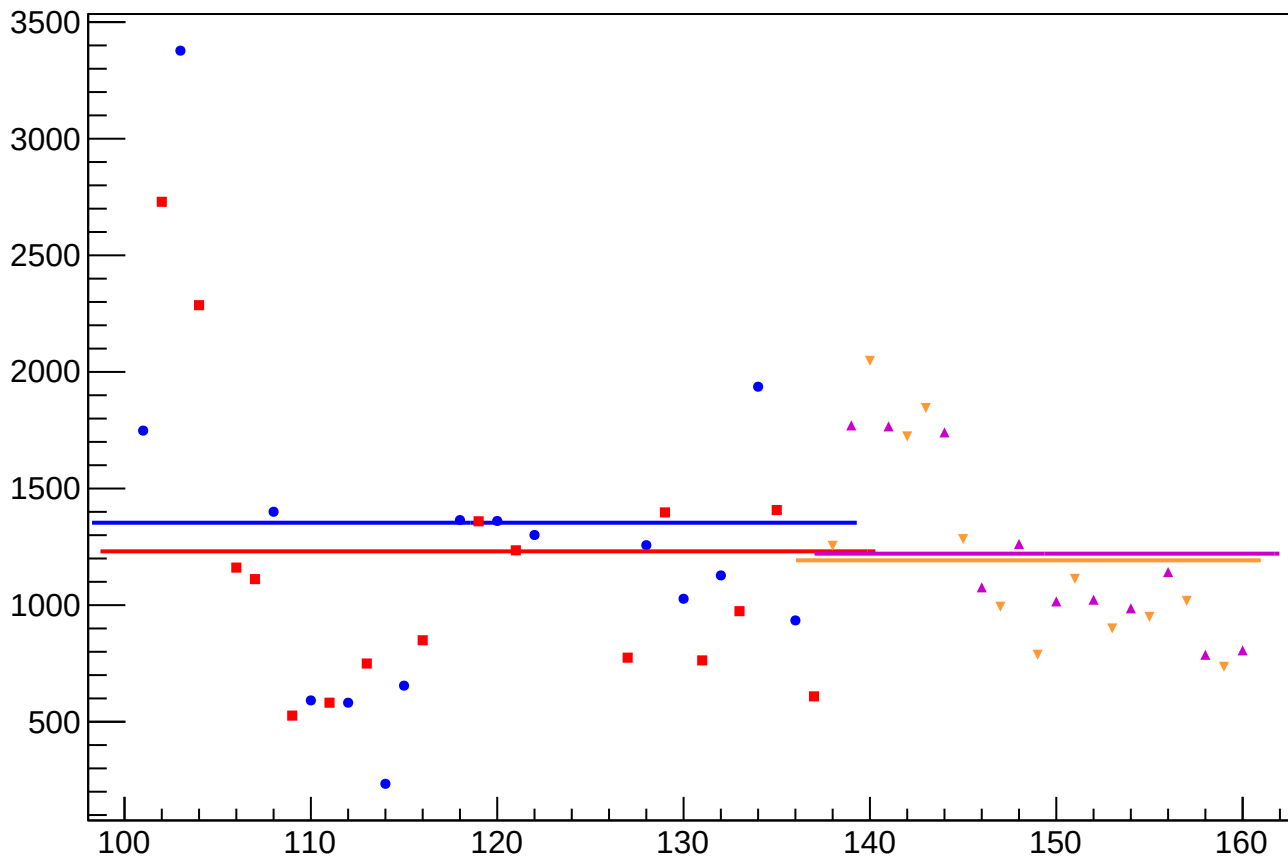
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

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

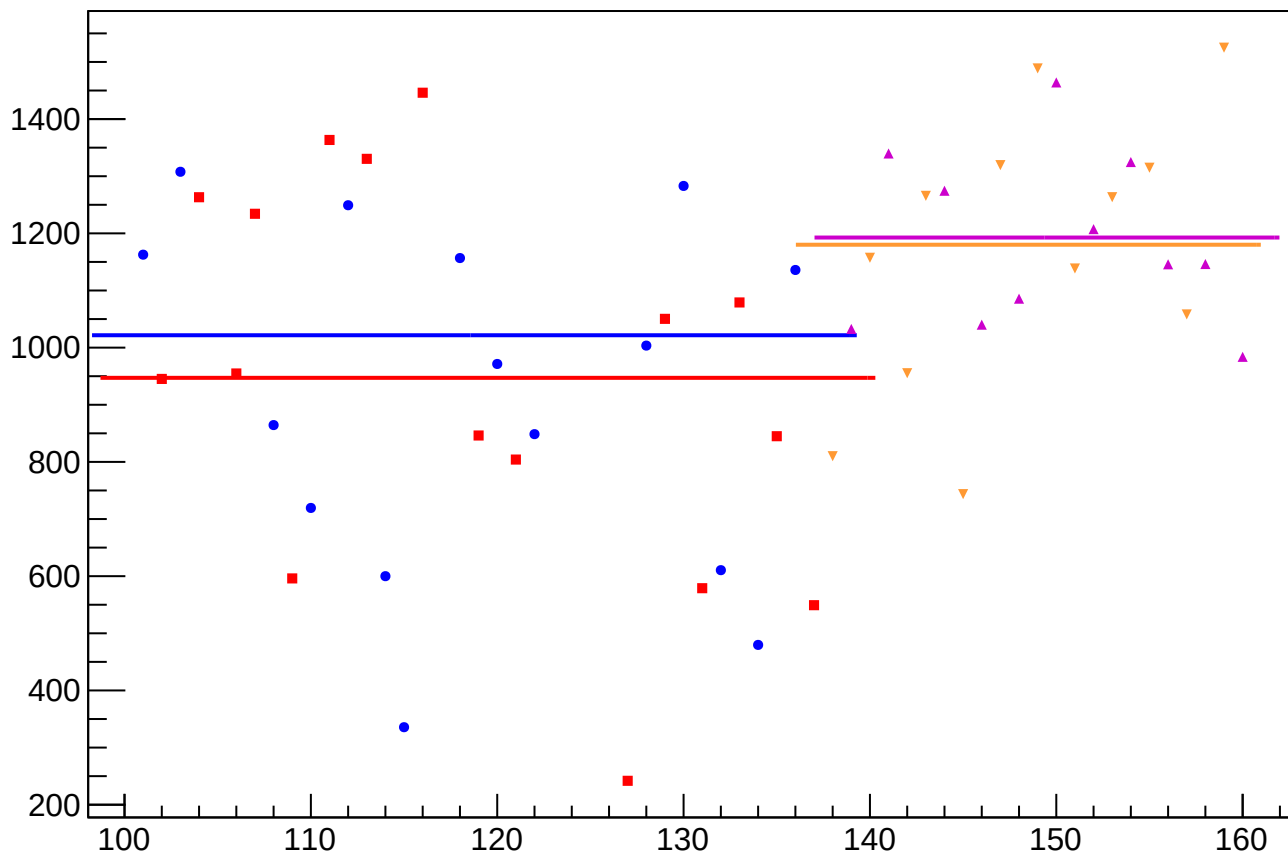
Left Out: 1192.275+/-0.000 χ^2/NDF : 150893742871936420702627399426239365120.0/11

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

All: 1241.889+/-0.000 χ^2/NDF : 90788694347

dit_sam4_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

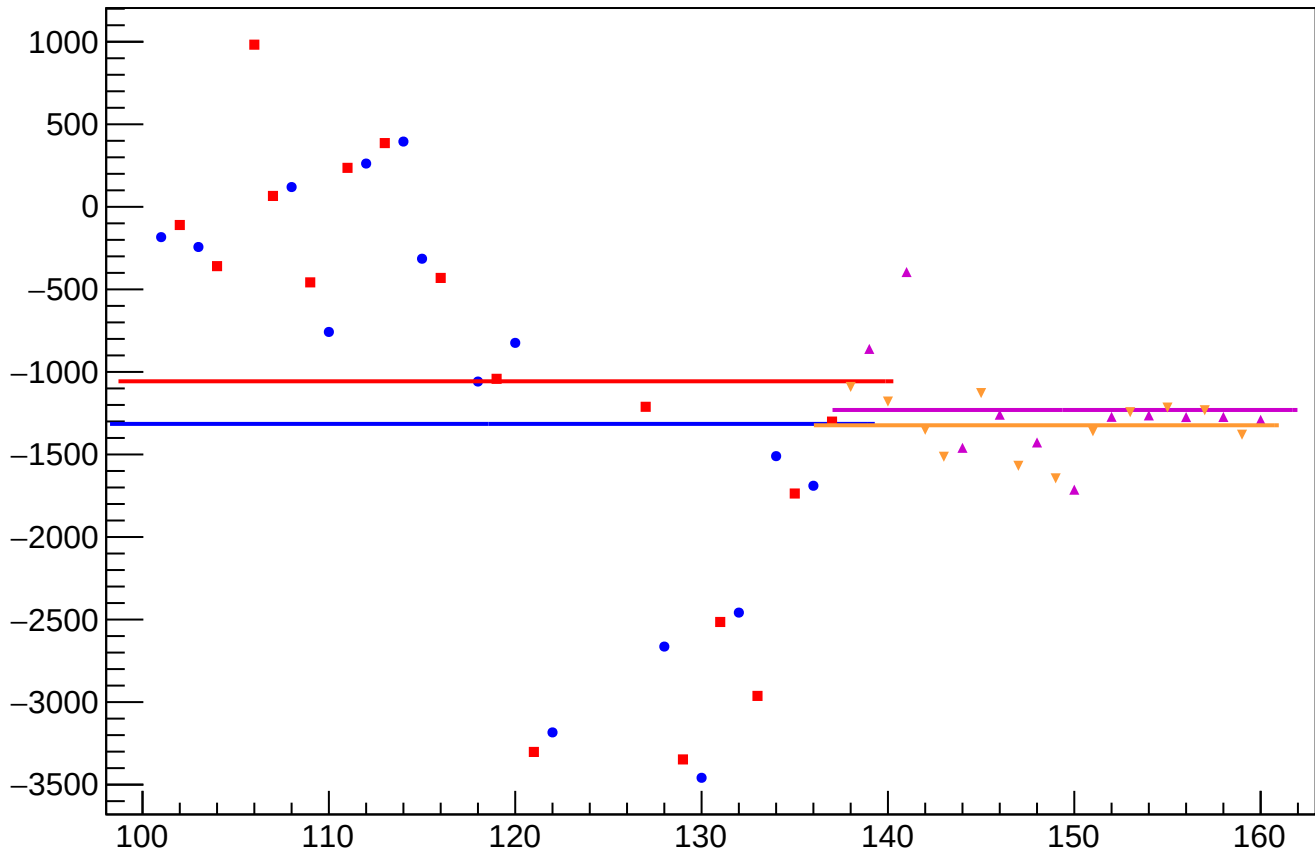
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ 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

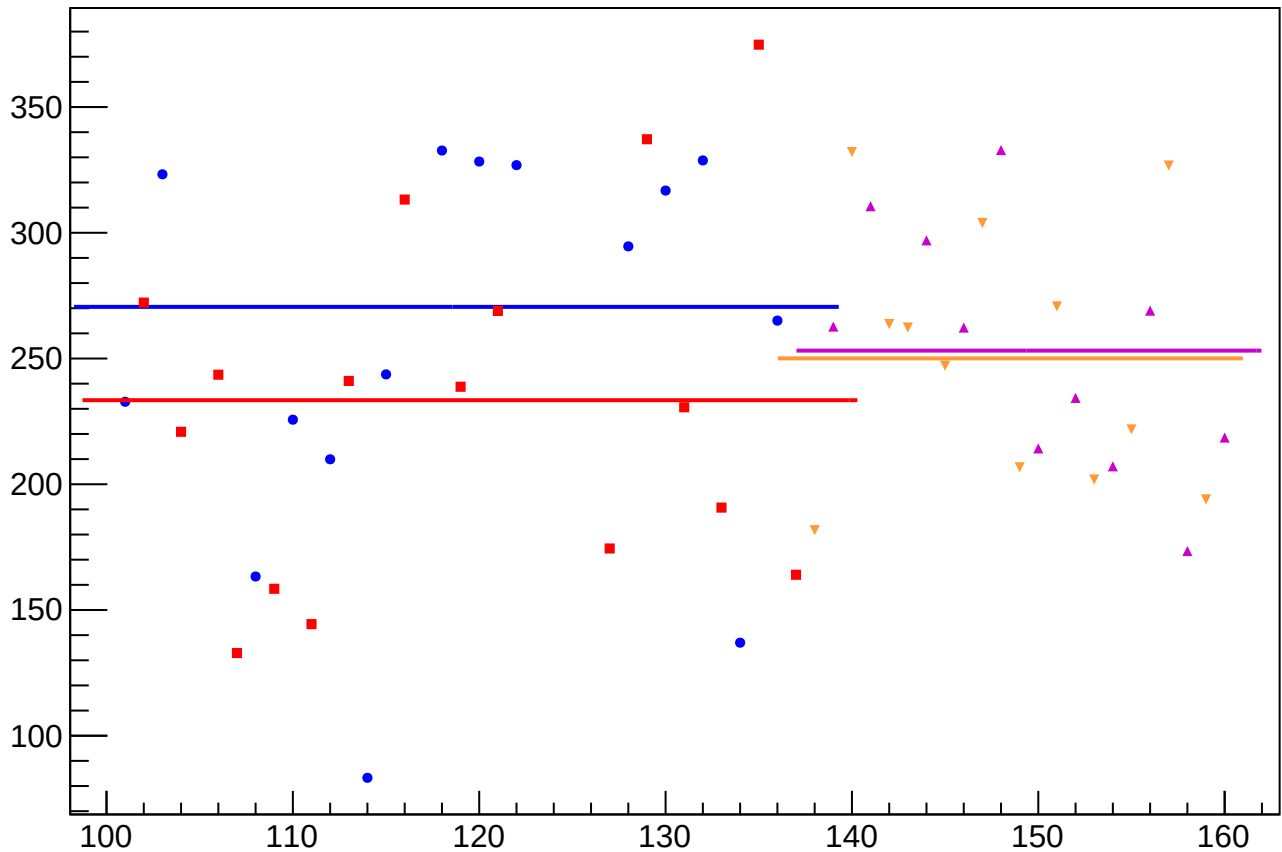
dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000	χ^2/NDF : 966082368518203481544021644405645508608.0/14
Left Out: -1323.142+/-0.000	χ^2/NDF : 27180584789293911694803613303409999872.0/11
Right Out: -1056.765+/-0.000	χ^2/NDF : 1127141594187417021949832477353286041600.0/15
Left In: -1230.430+/-0.000	χ^2/NDF : 100431691068850056086409132460520505344.0/10

+ sign -1319.671+/-0.000 χ^2/NDF : 9932894812646
 All: -1237.928+/-0.000 χ^2/NDF : 2253249413
 - sign -1157.624+/-0.000 χ^2/NDF : 12392561616784

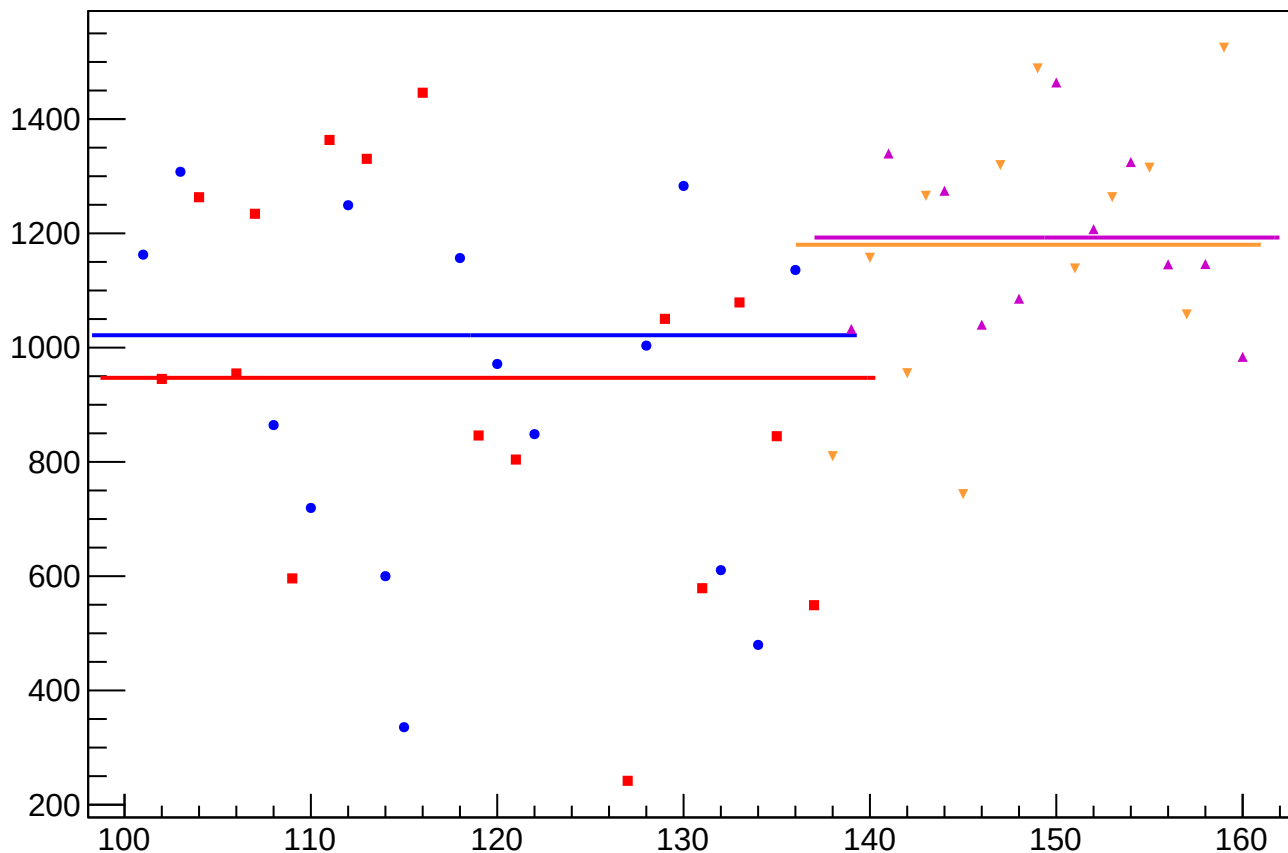
dit_sam5_coil7_err_mean vs Slug



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

+ sign 258.560+/-0.000 χ^2/NDF : 496246110495273
 All: 251.658+/-0.000 χ^2/NDF : 10289533435
 - sign 244.876+/-0.000 χ^2/NDF : 517943608917736

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

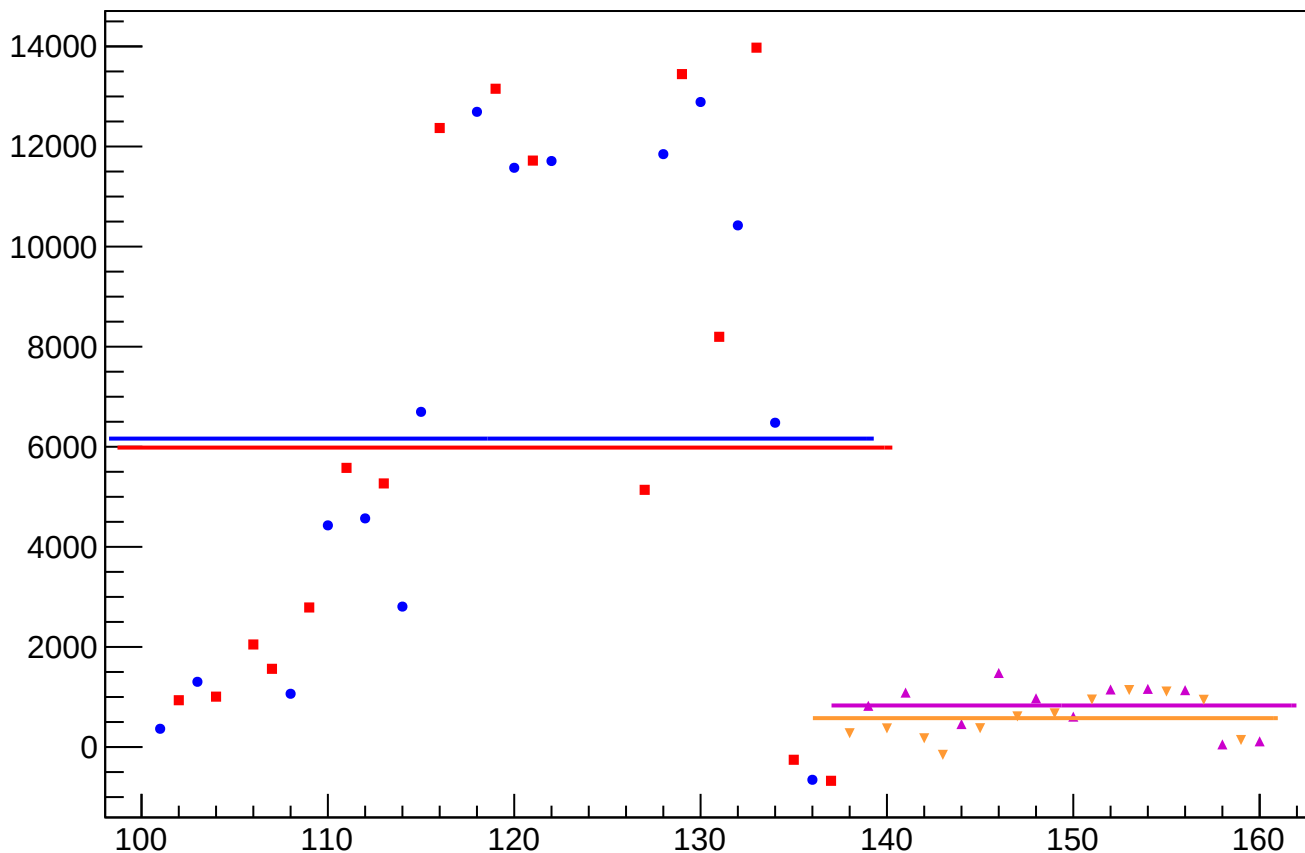
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

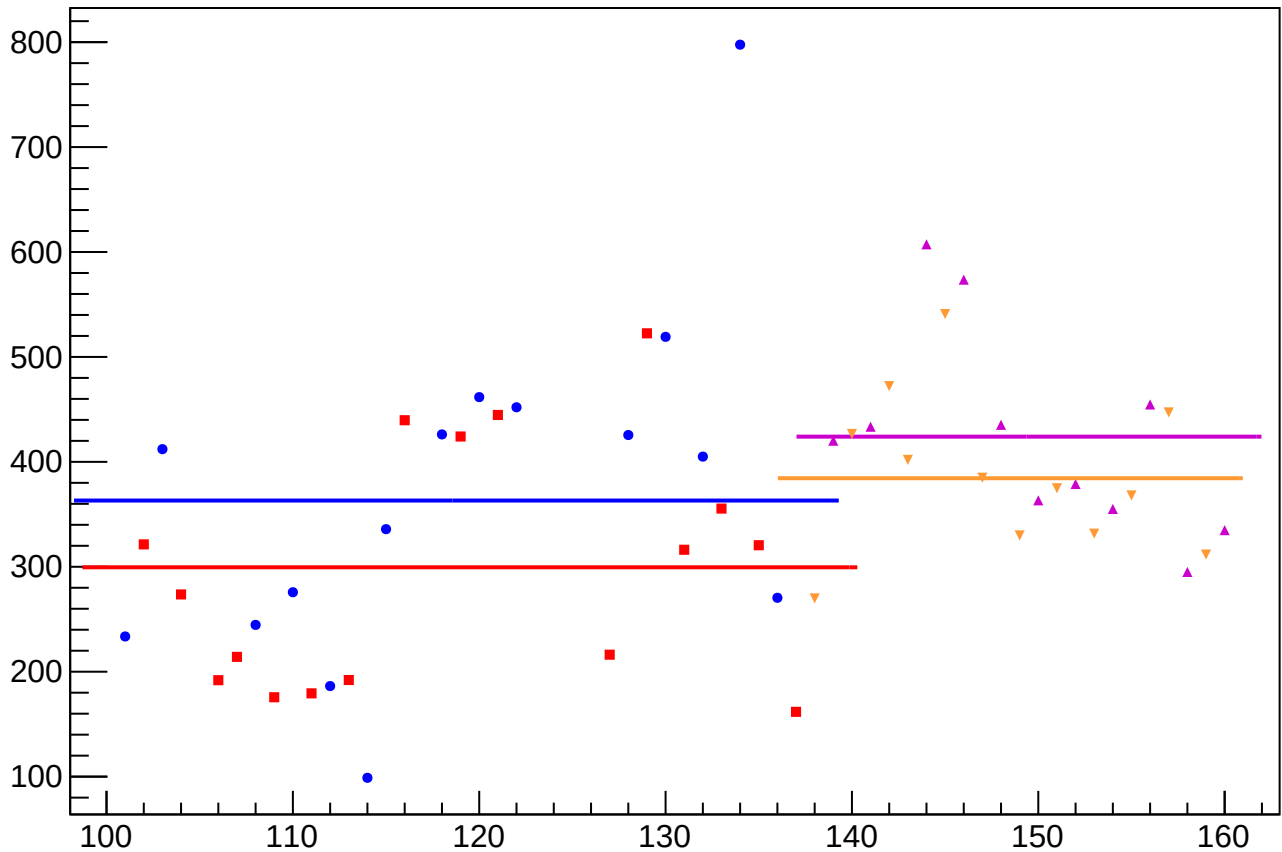
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

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

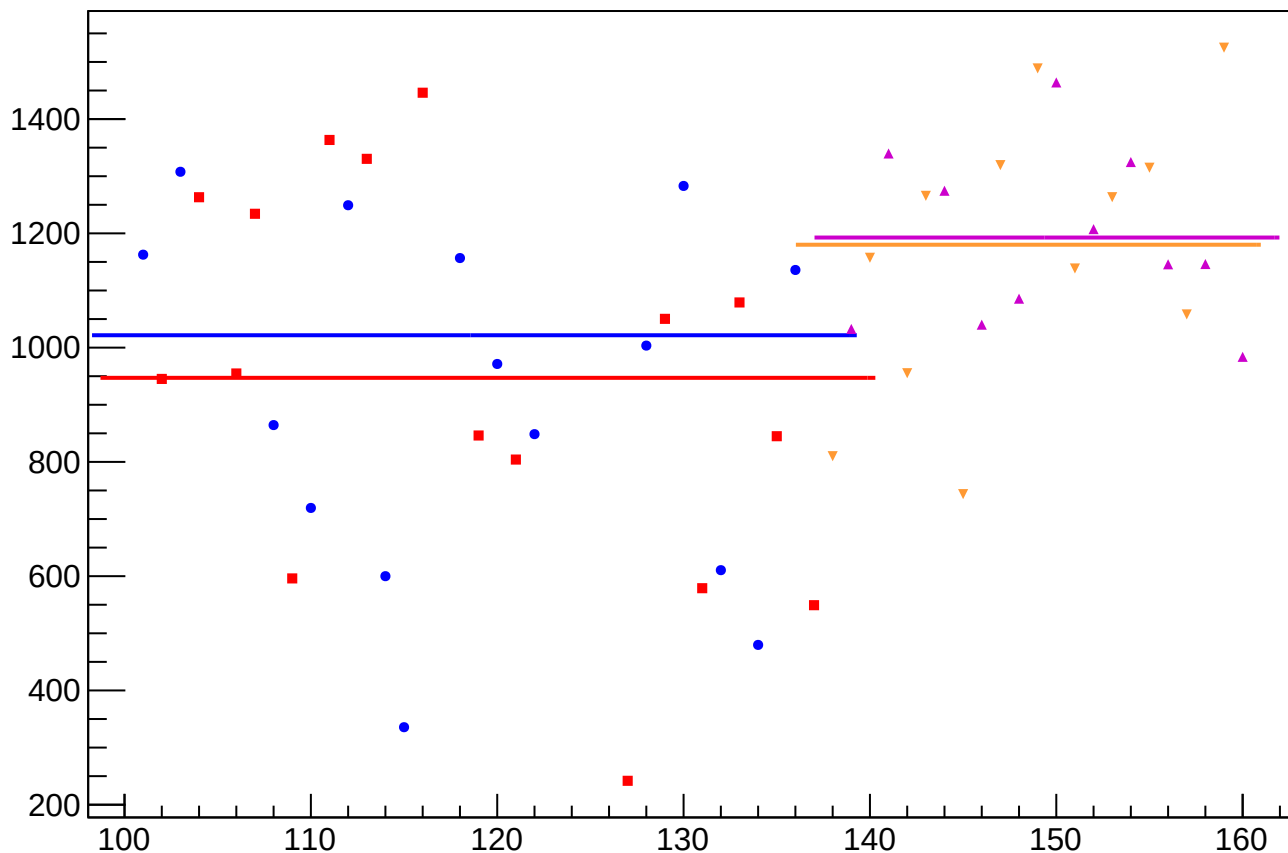
dit_sam6_coil7_err_mean vs Slug



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

+ sign 375.568+/-0.000 χ^2/NDF : 163777394222651
 All: 373.683+/-0.000 χ^2/NDF : 37893357873
 - sign 371.831+/-0.000 χ^2/NDF : 215046104489711

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

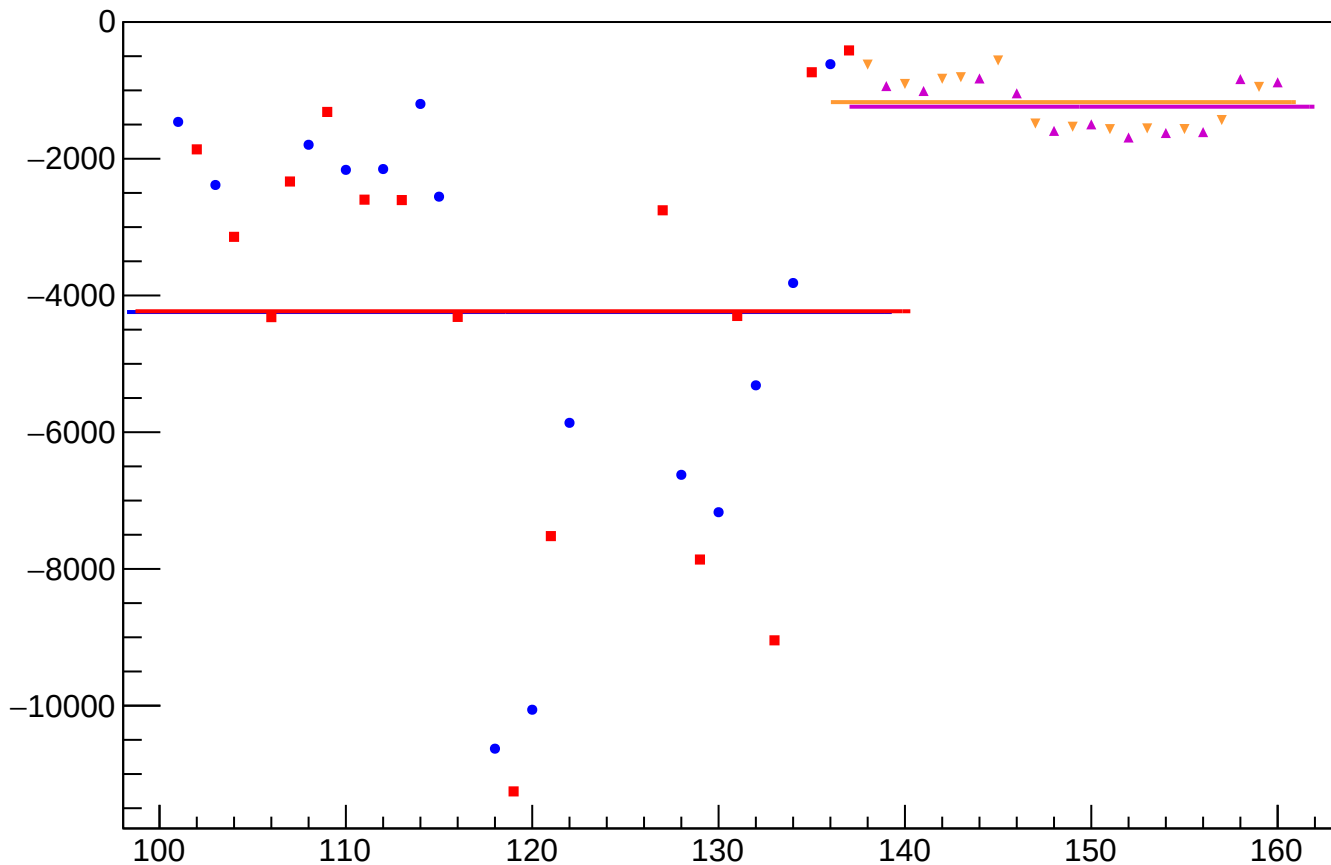
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

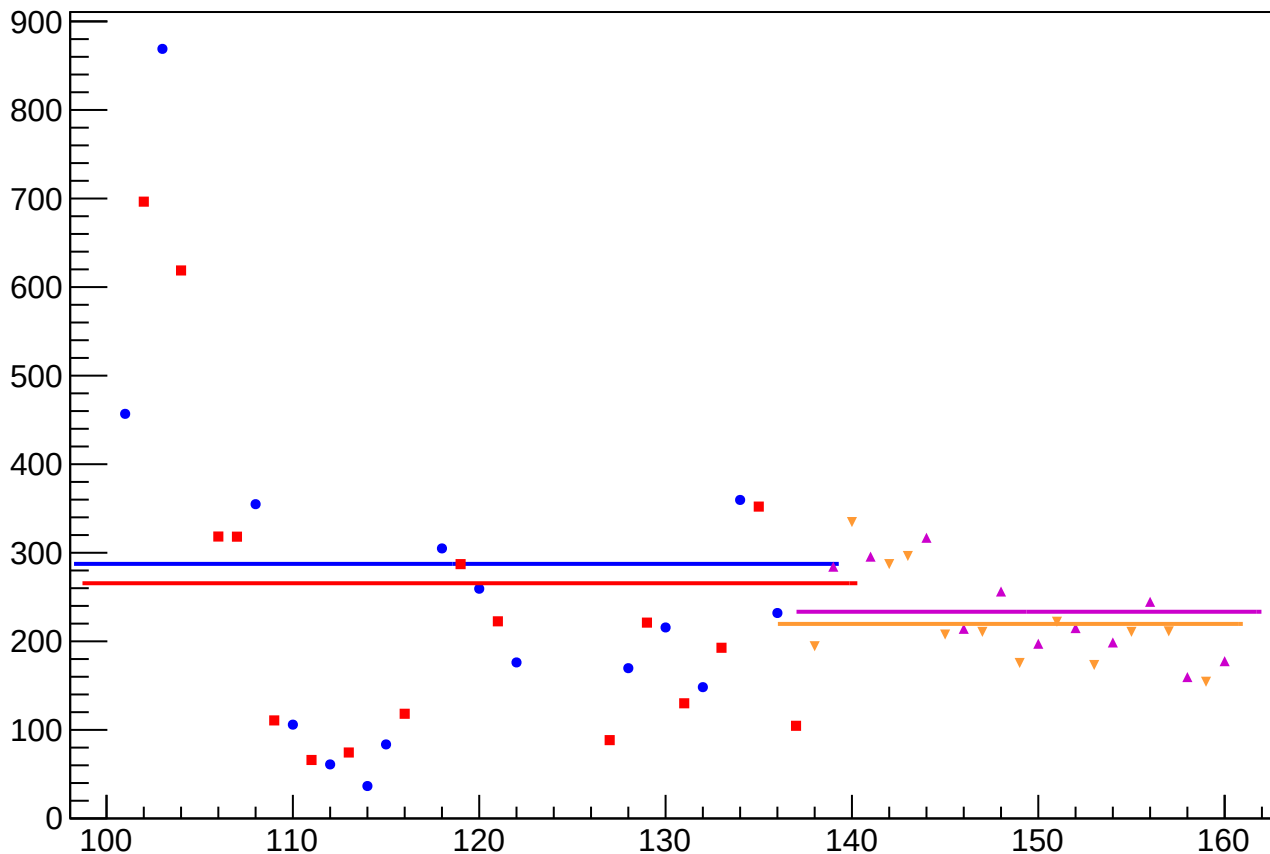
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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

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

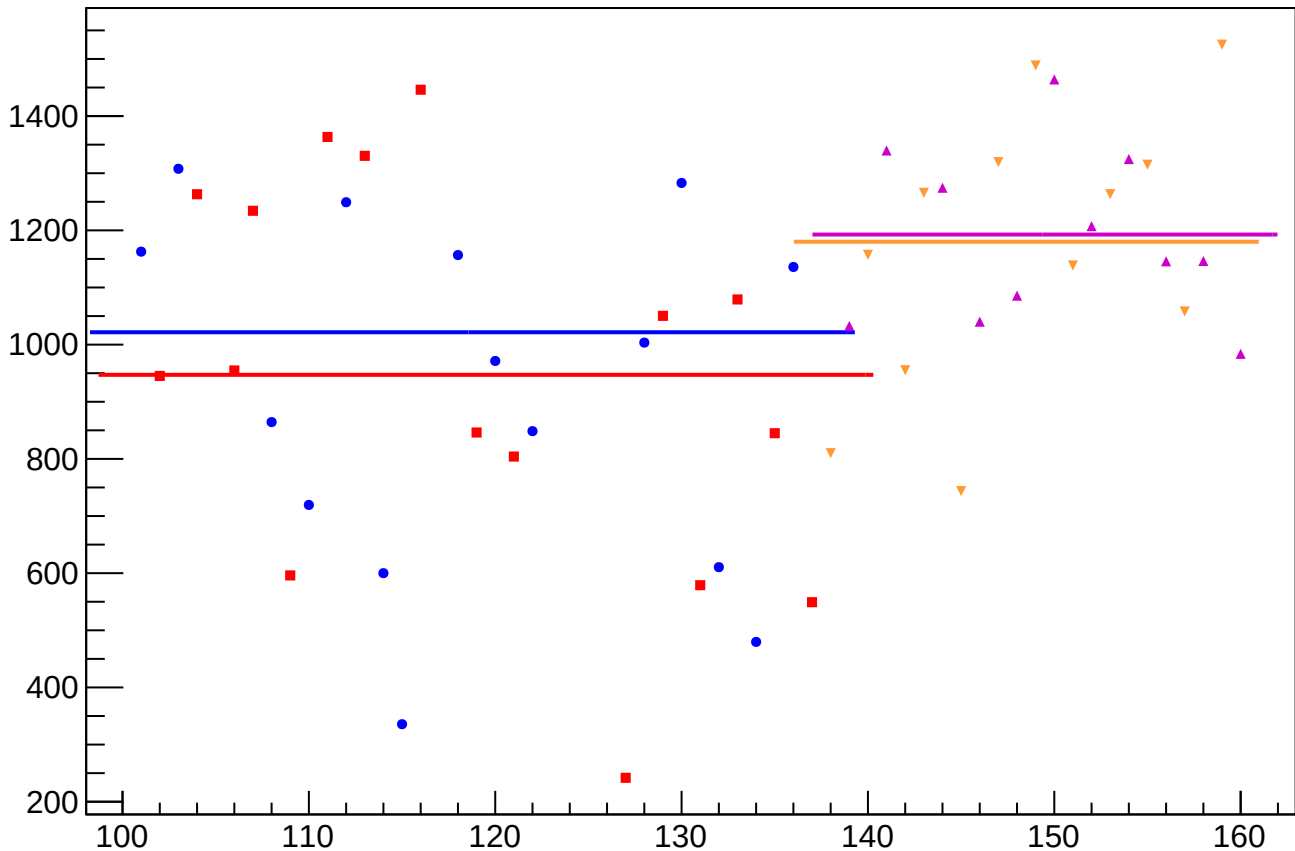
Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ sign 247.819+/-0.000 χ^2/NDF : 337165020245446

All: 247.353+/-0.000 χ^2/NDF : 621333161036

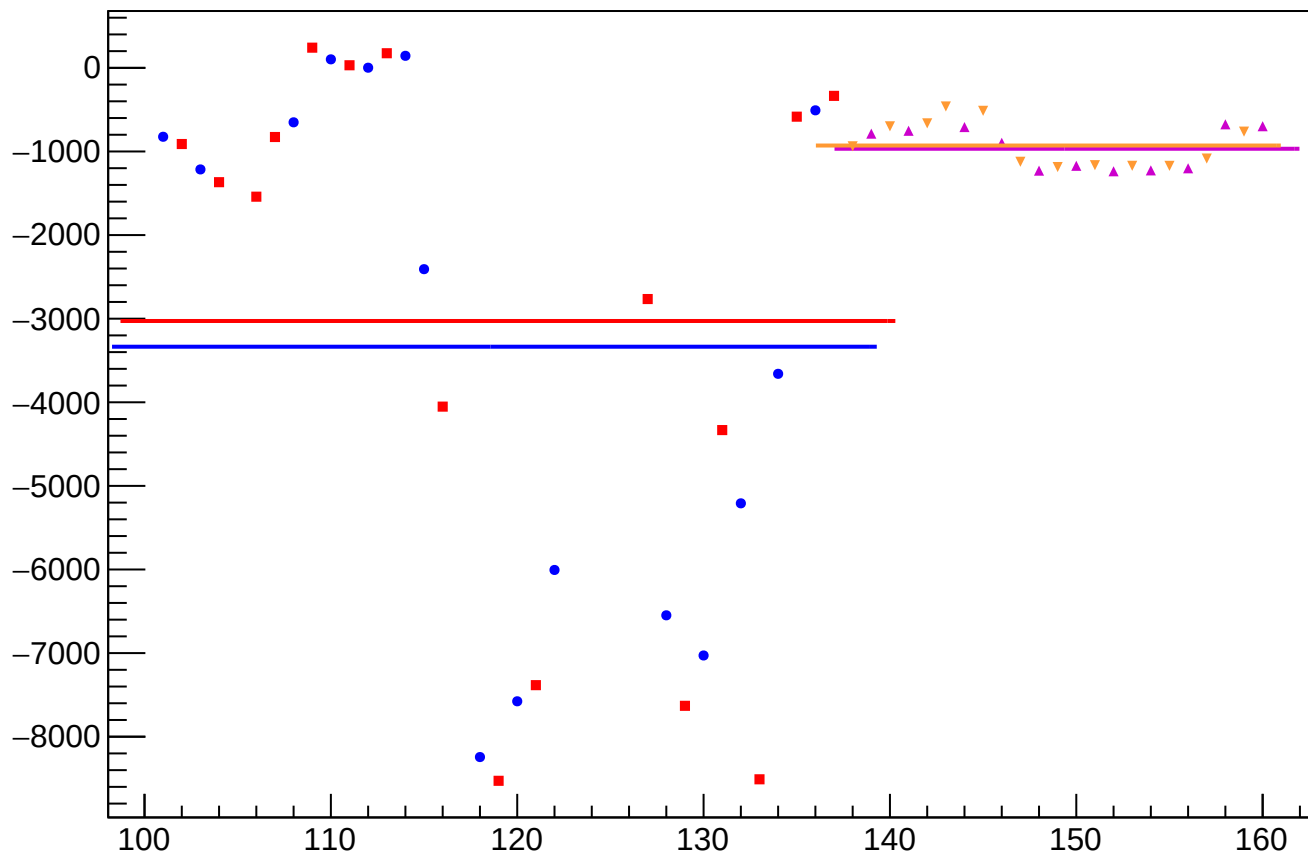
- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



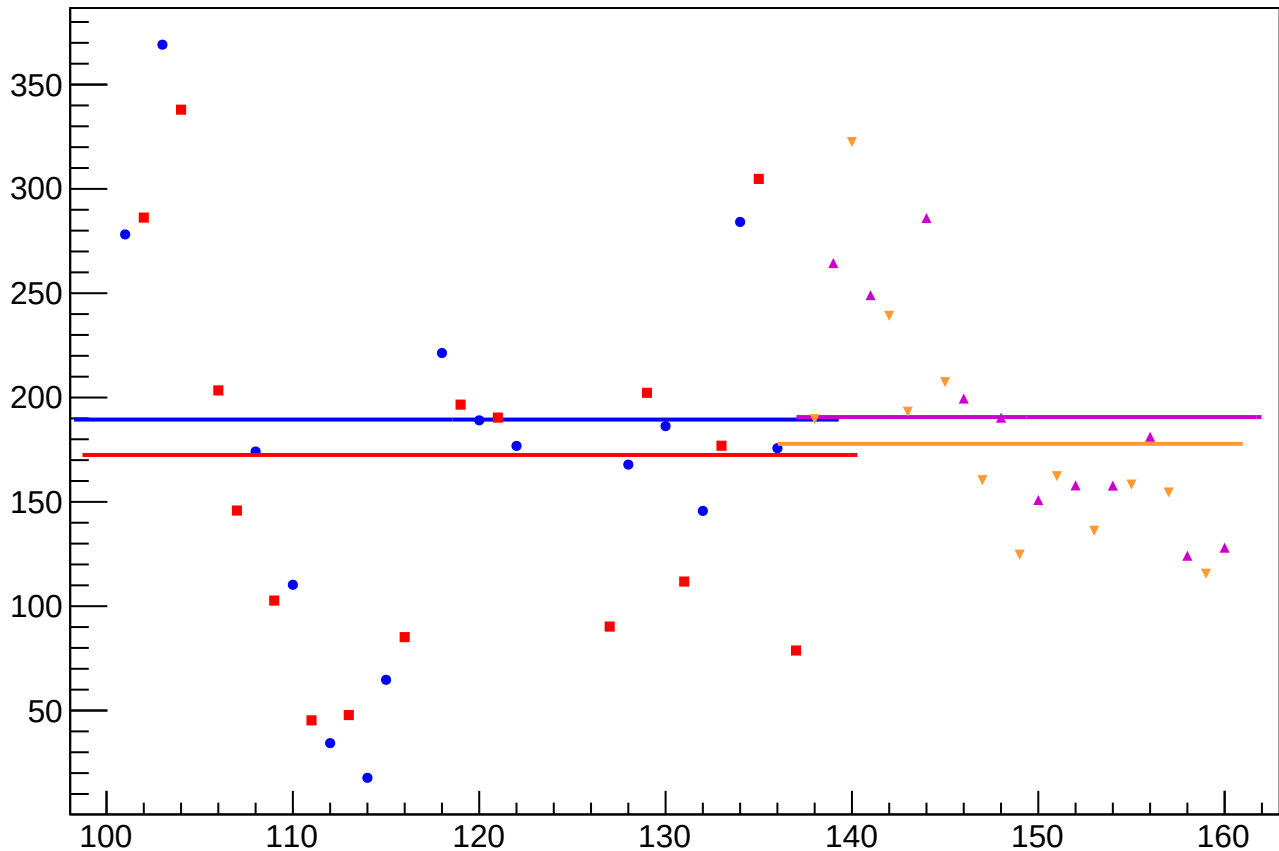
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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

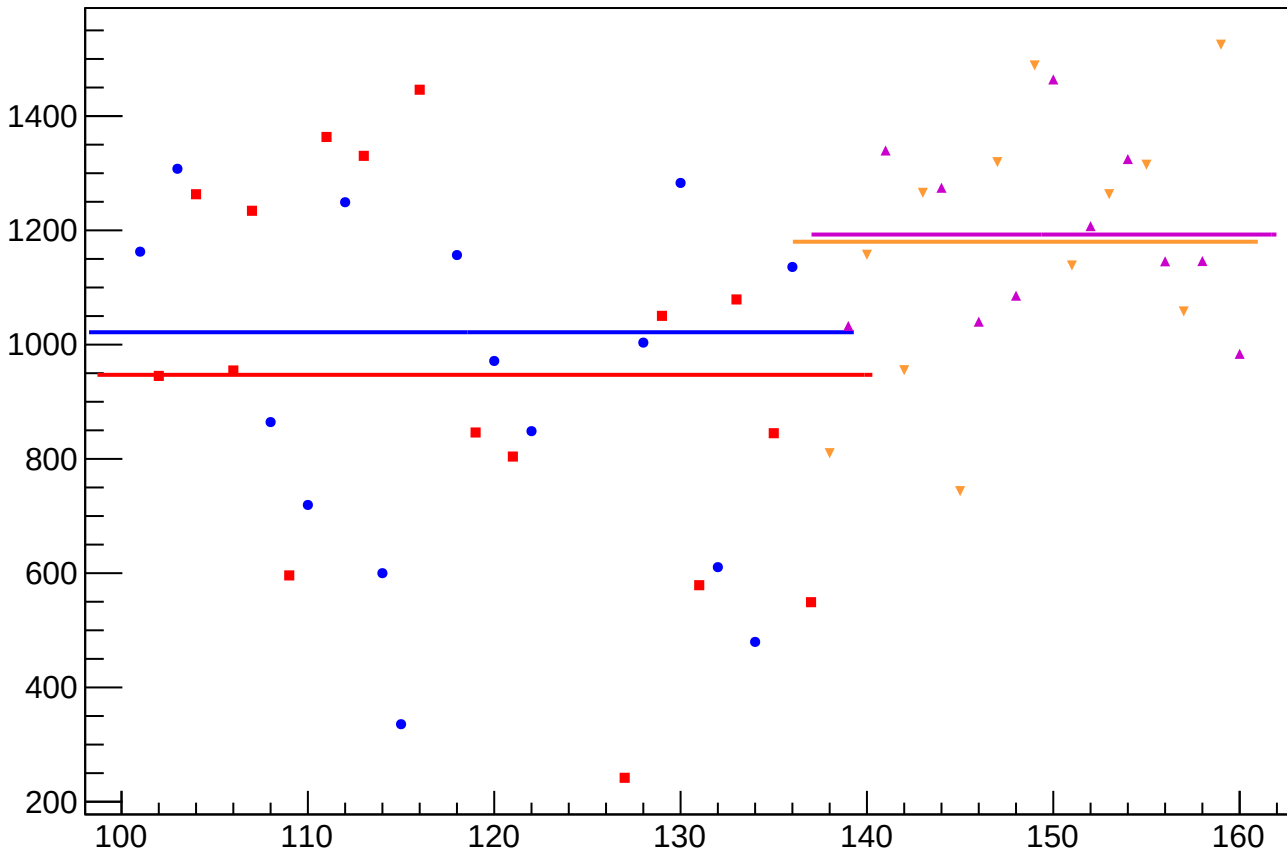
dit_sam8_coil7_err_mean vs Slug



Right In: 189.442 $\pm$ 0.000	χ^2 /NDF: 4707234253929700721726064108794544128.0/14
Left Out: 177.811 $\pm$ 0.000	χ^2 /NDF: 2793392529927944860081581234505908224.0/11
Right Out: 172.485 $\pm$ 0.000	χ^2 /NDF: 5594813408996728261938711470404534272.0/15
Left In: 190.641 $\pm$ 0.000	χ^2 /NDF: 2536070386684067132001548898091925504.0/10

+ sign 182.640 $\pm$ 0.000 χ^2 /NDF: 755196649084906
 All: 182.836 $\pm$ 0.000 χ^2 /NDF: 15810669328
 - sign 183.029 $\pm$ 0.000 χ^2 /NDF: 825858339211044

dit_sam8_coil7_Ndata_mean vs Slug



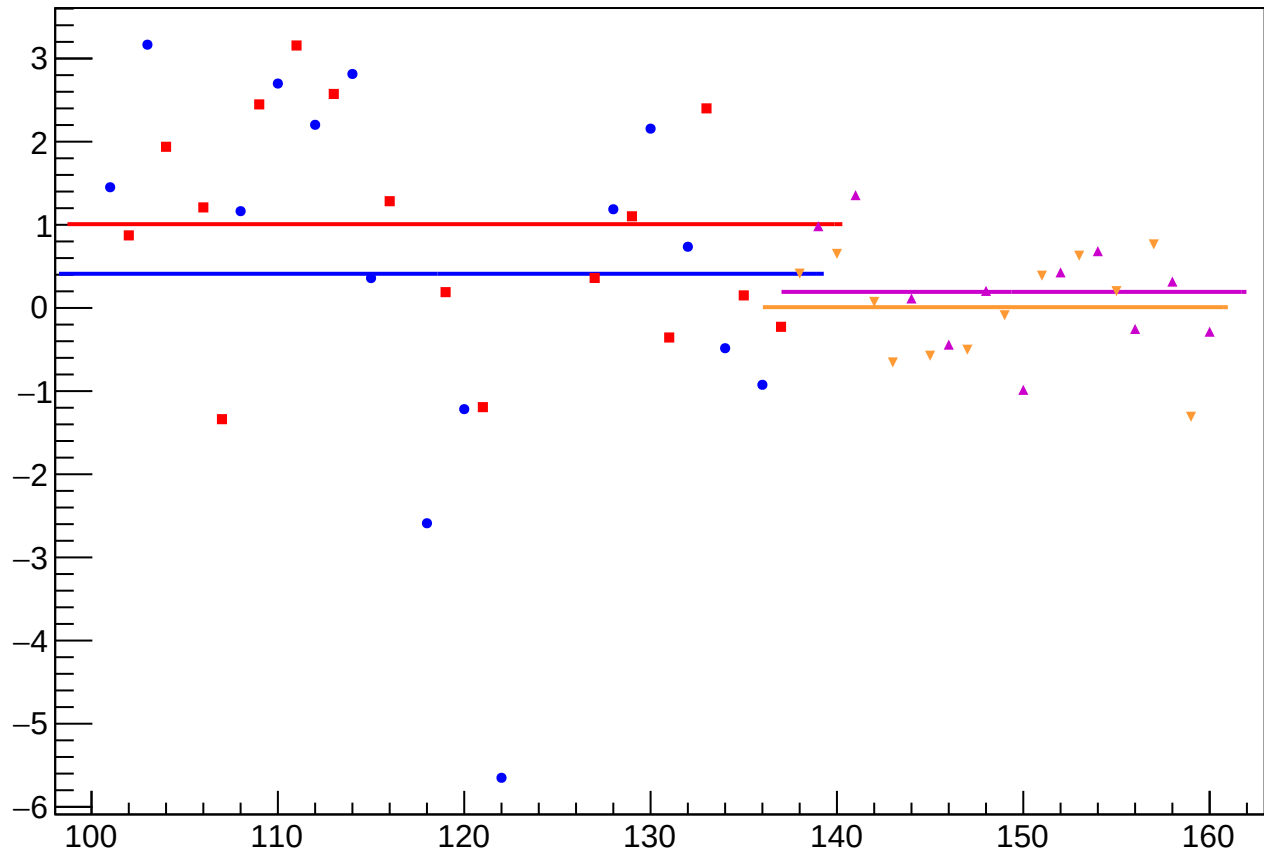
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

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

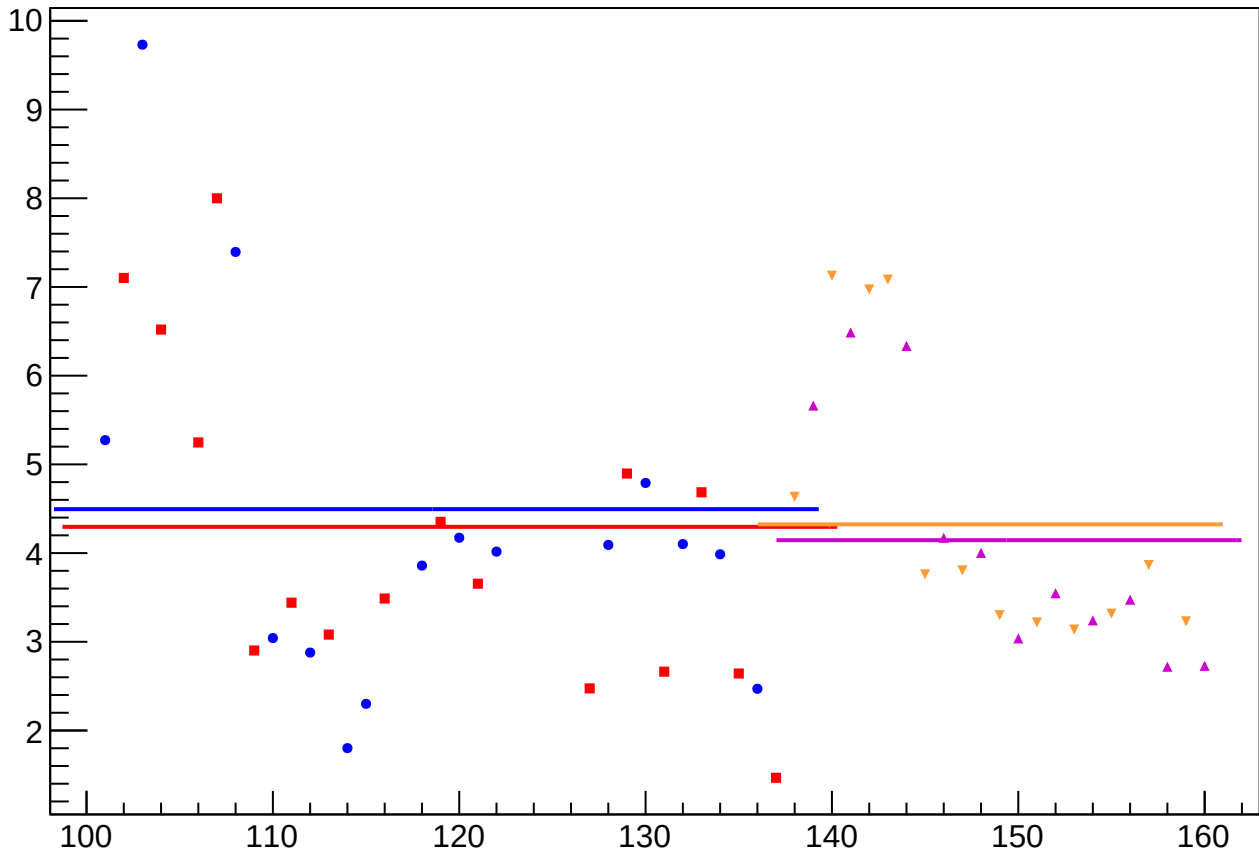
dit_4aX_coil4_mean vs Slug



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

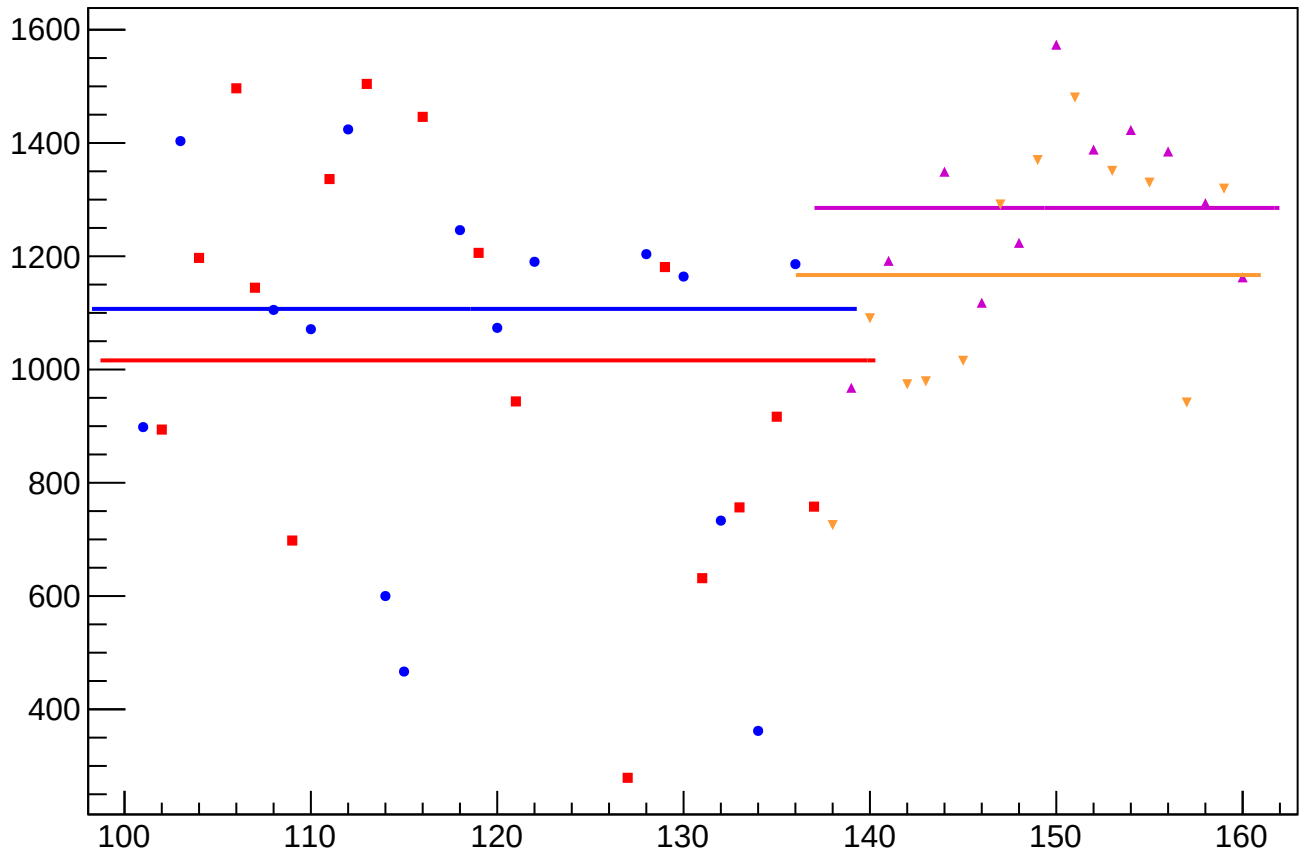
+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763
 All: 0.357+/-0.000 χ^2/NDF : 56741679110622
 - sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



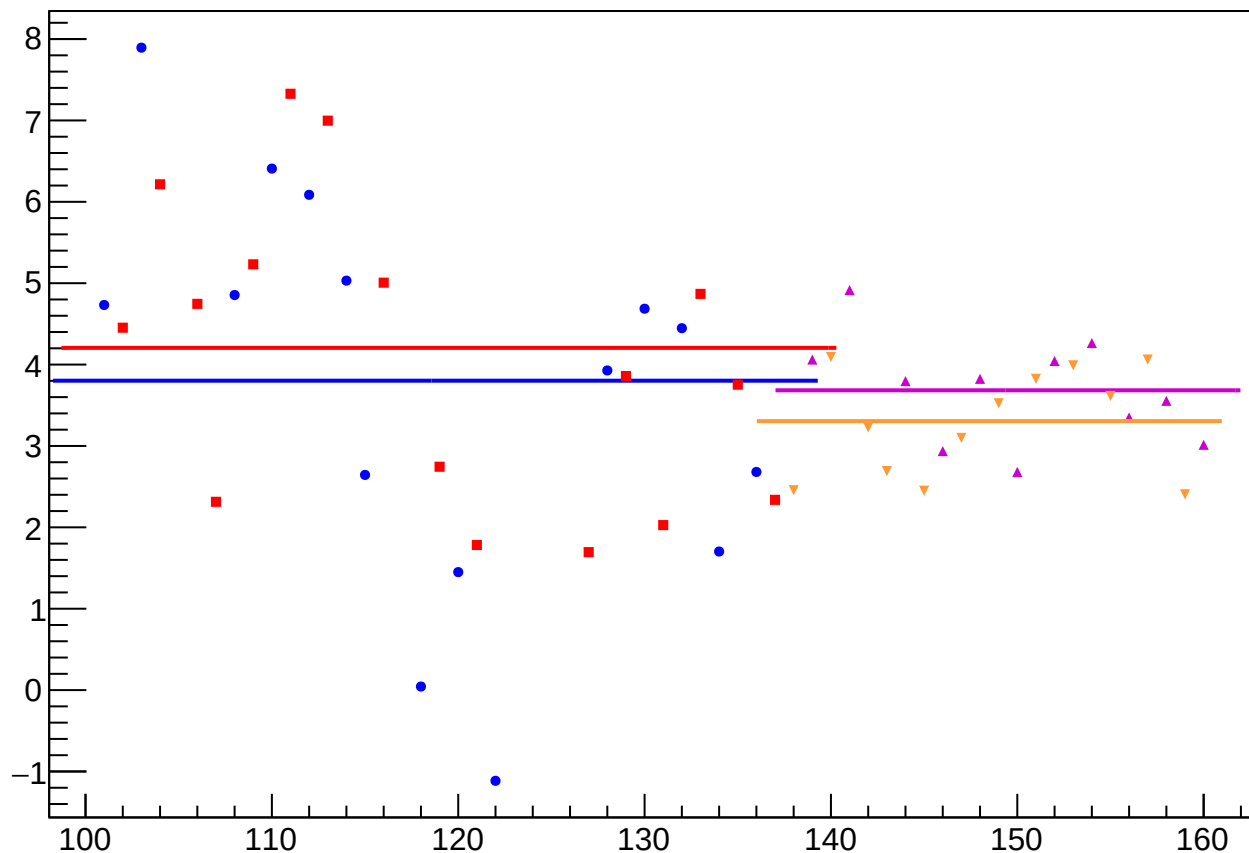
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 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

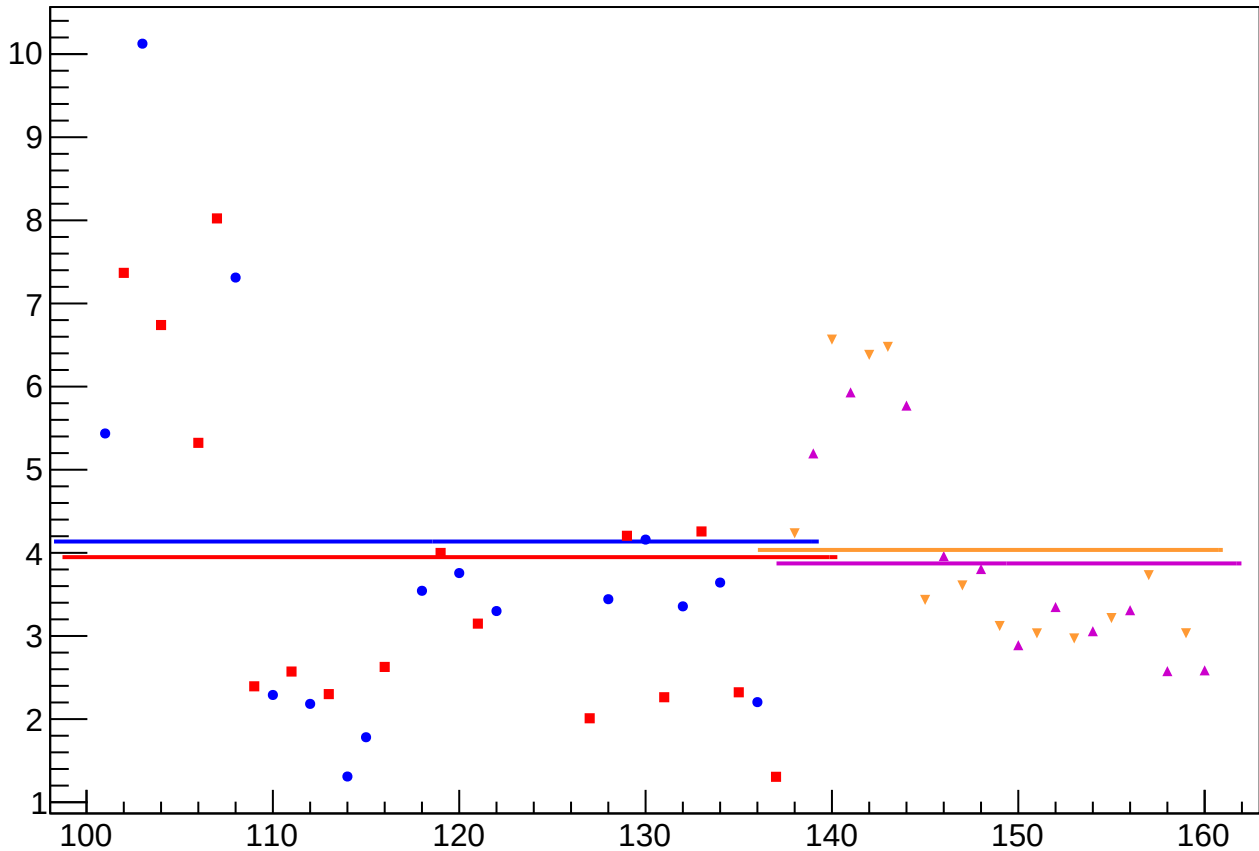
dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 3.305+/-0.000	χ^2/NDF : 375514605339805624898679558111232.0/11
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.684+/-0.000	χ^2/NDF : 366001419656422310601850072596480.0/10

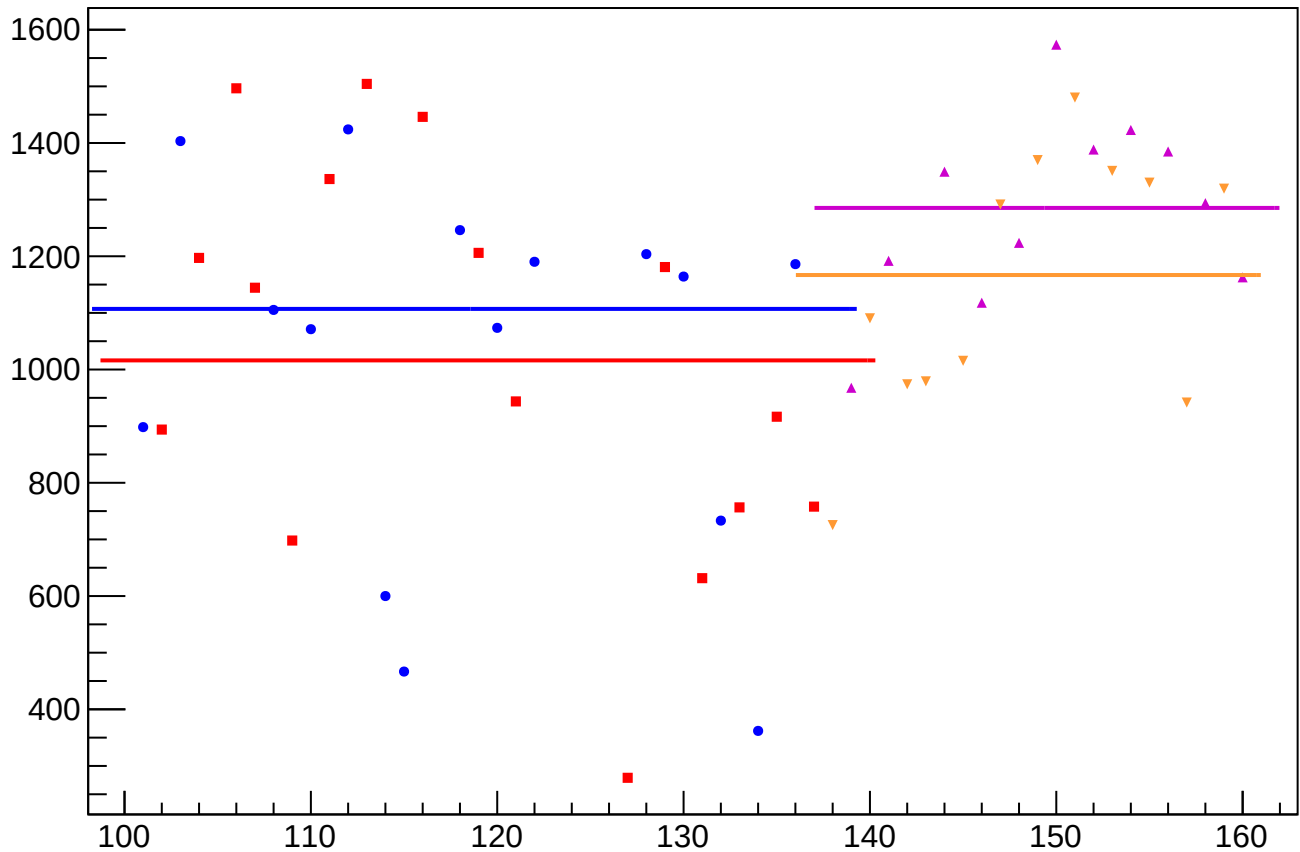
+ sign 3.512+/-0.000 χ^2/NDF : 42645411605619782
 All: 3.709+/-0.000 χ^2/NDF : 6952977853900
 - sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

dit_4eX_coil4_err_mean vs Slug

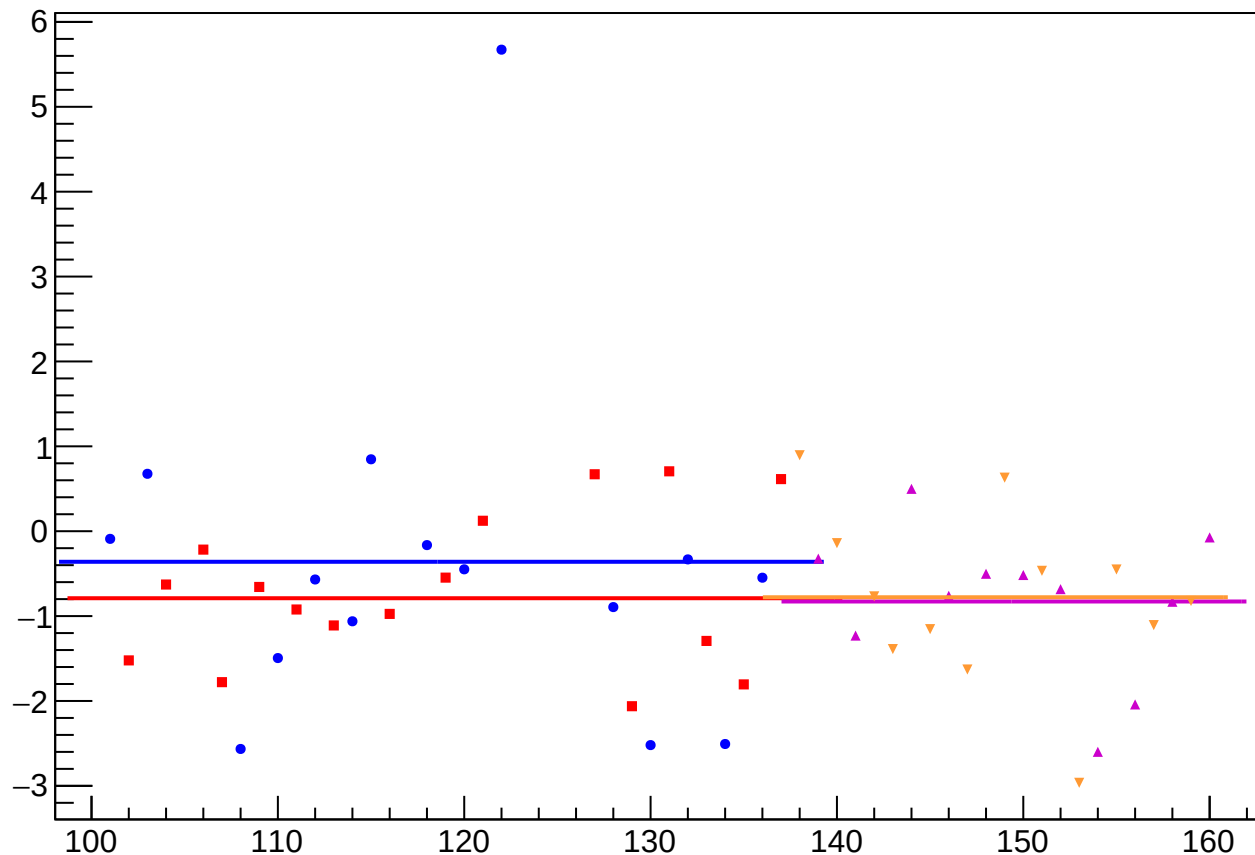


Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.035 ± 0.000 χ^2/NDF : 1609299061352578548486150138363904.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



dit_11X12X_coil4_mean vs Slug



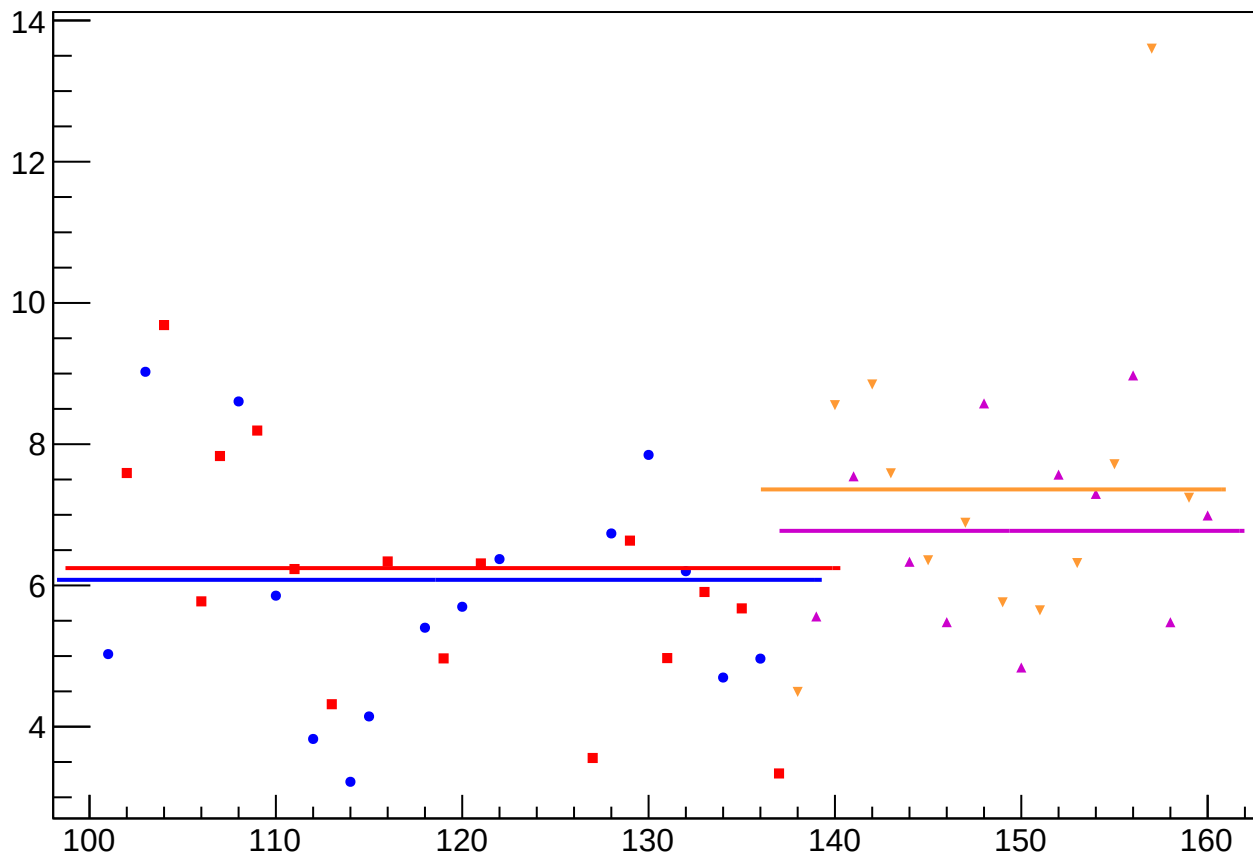
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

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

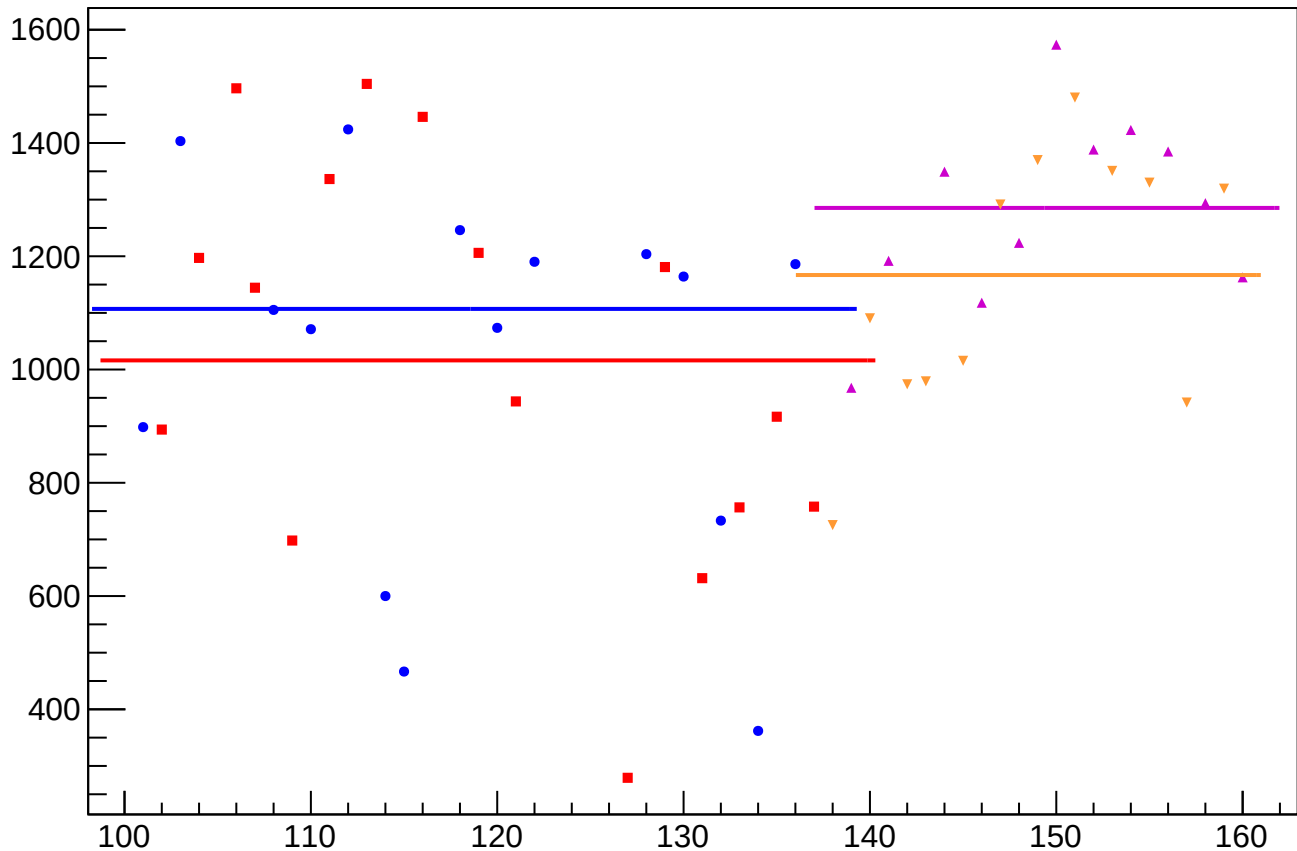
Left In: 6.773+/-0.000 χ^2/NDF : 1545880653062872635060205832372224.0/10

+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869

All: 6.689+/-0.000 χ^2/NDF : 1032305053905

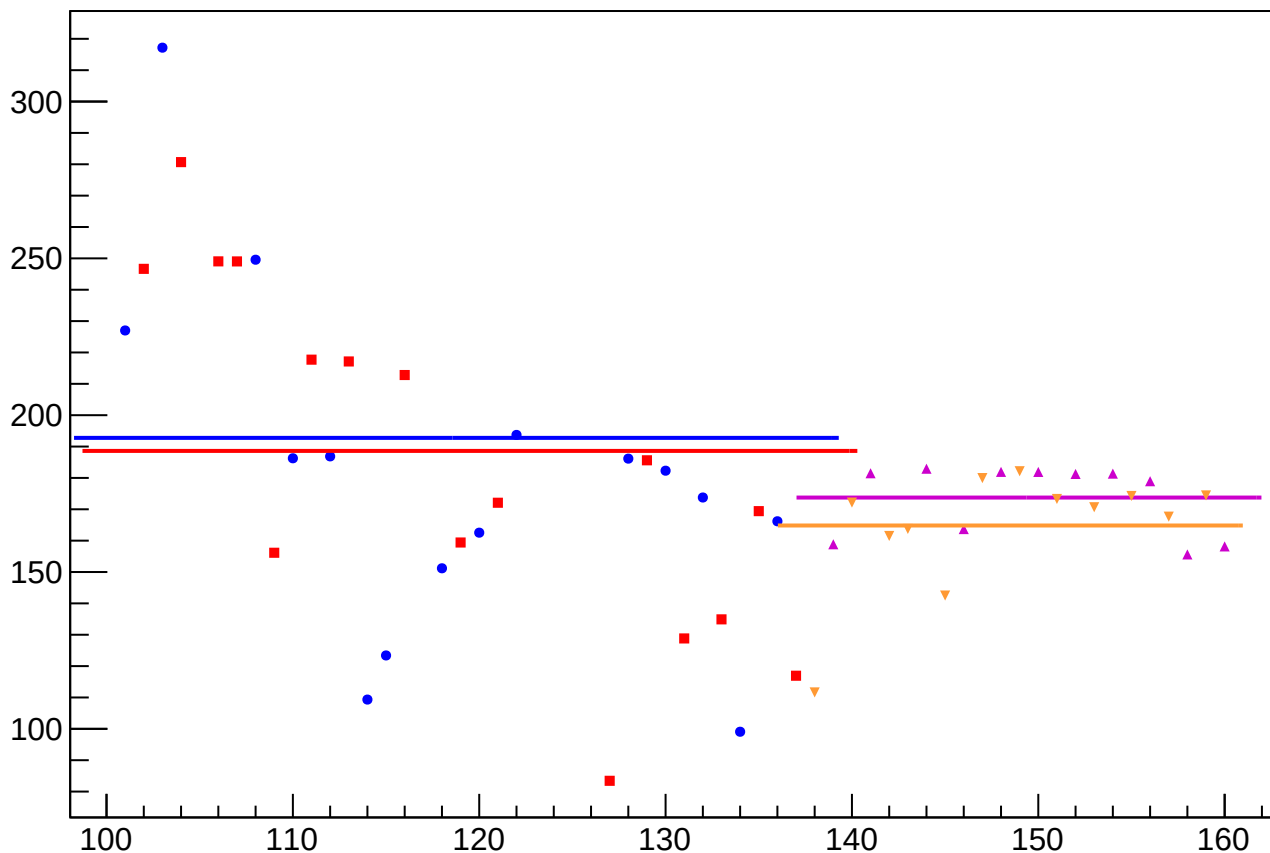
- sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

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



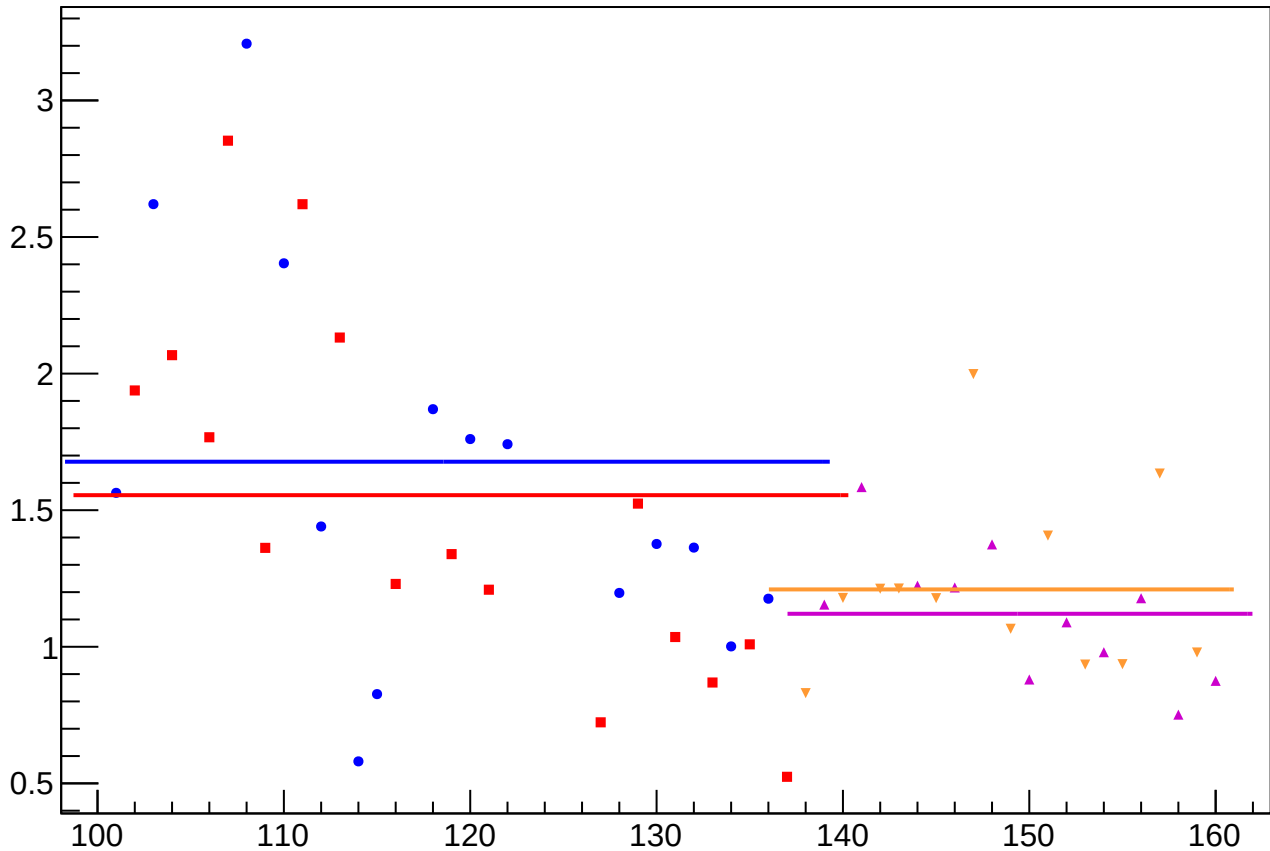
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

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



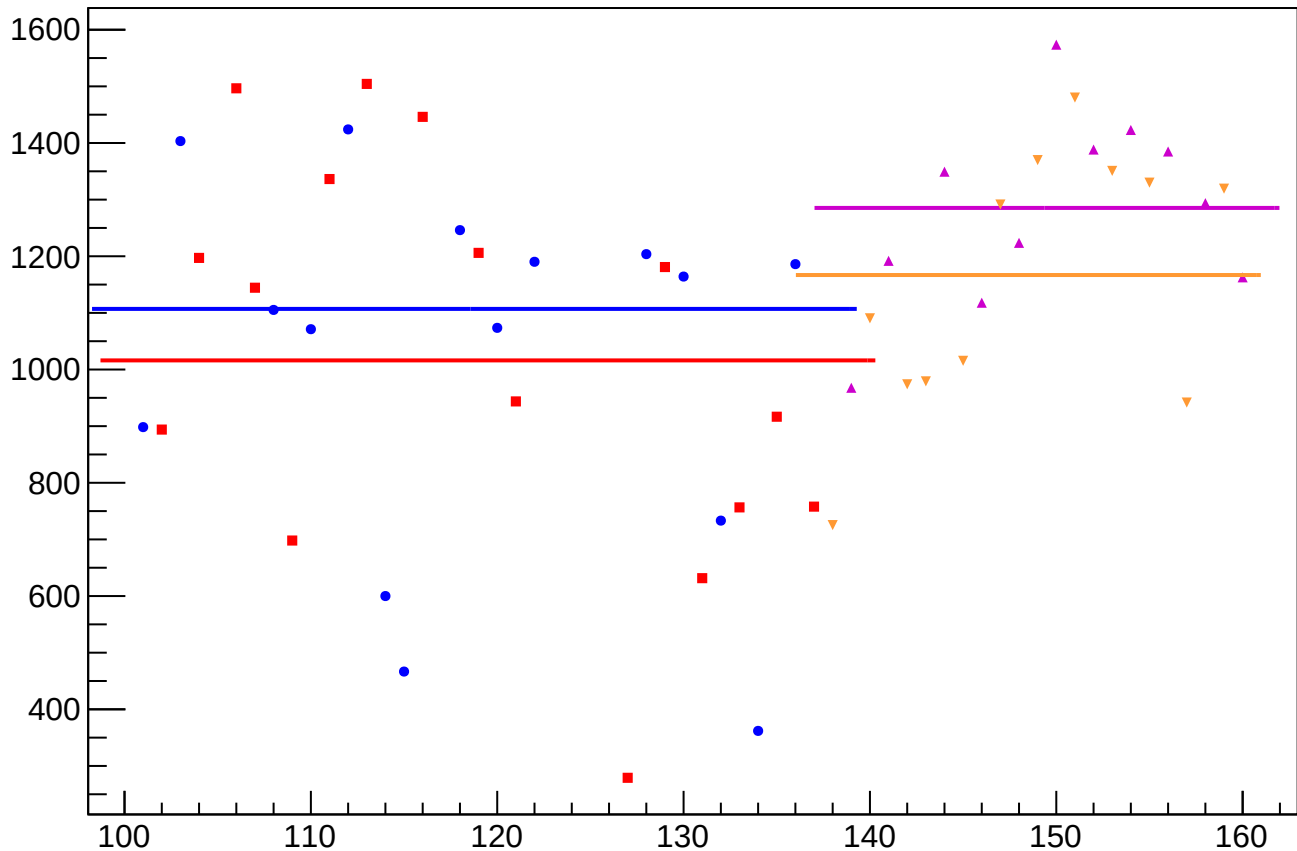
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.210 $\pm$ 0.000 χ^2 /NDF: 95500502458420026672384705560576.0/11

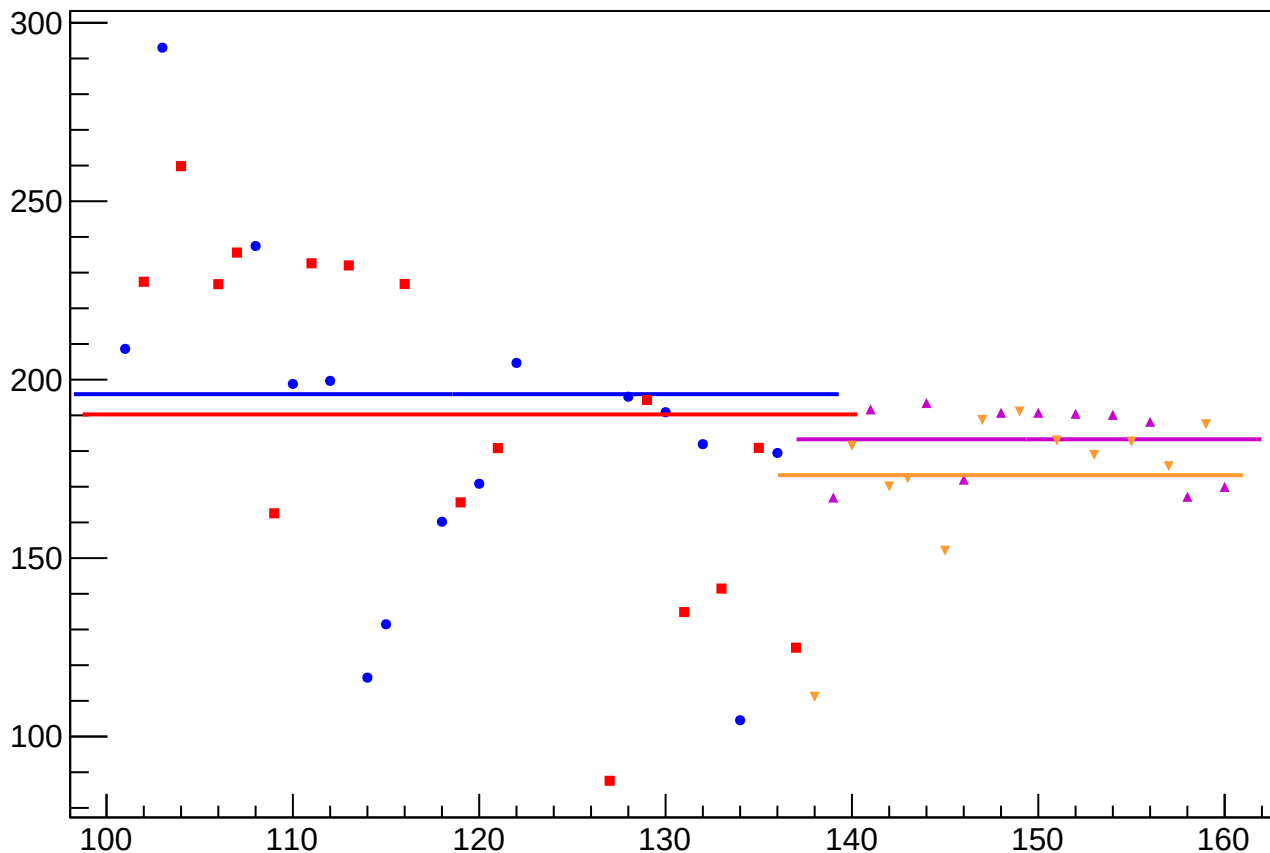
Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

Left In: 1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



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

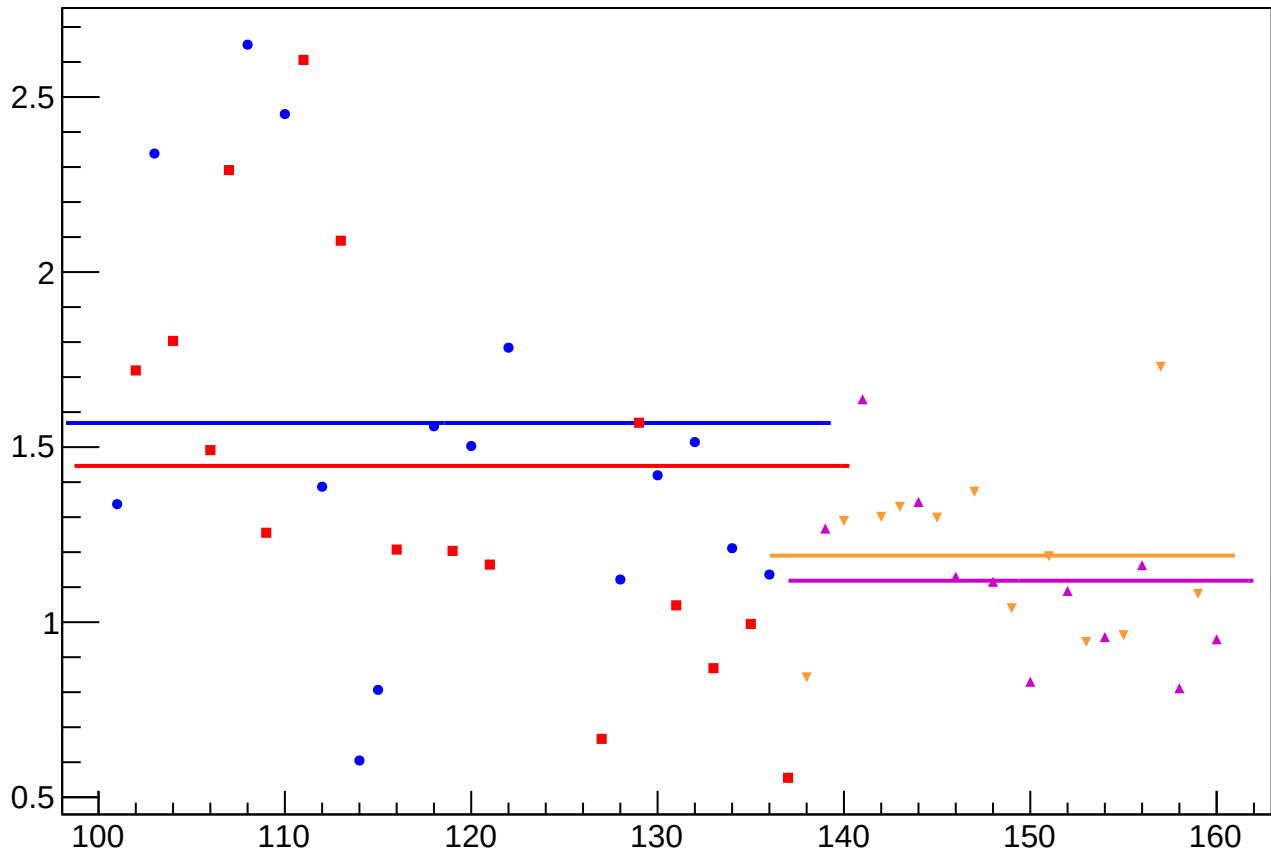
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

+ 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

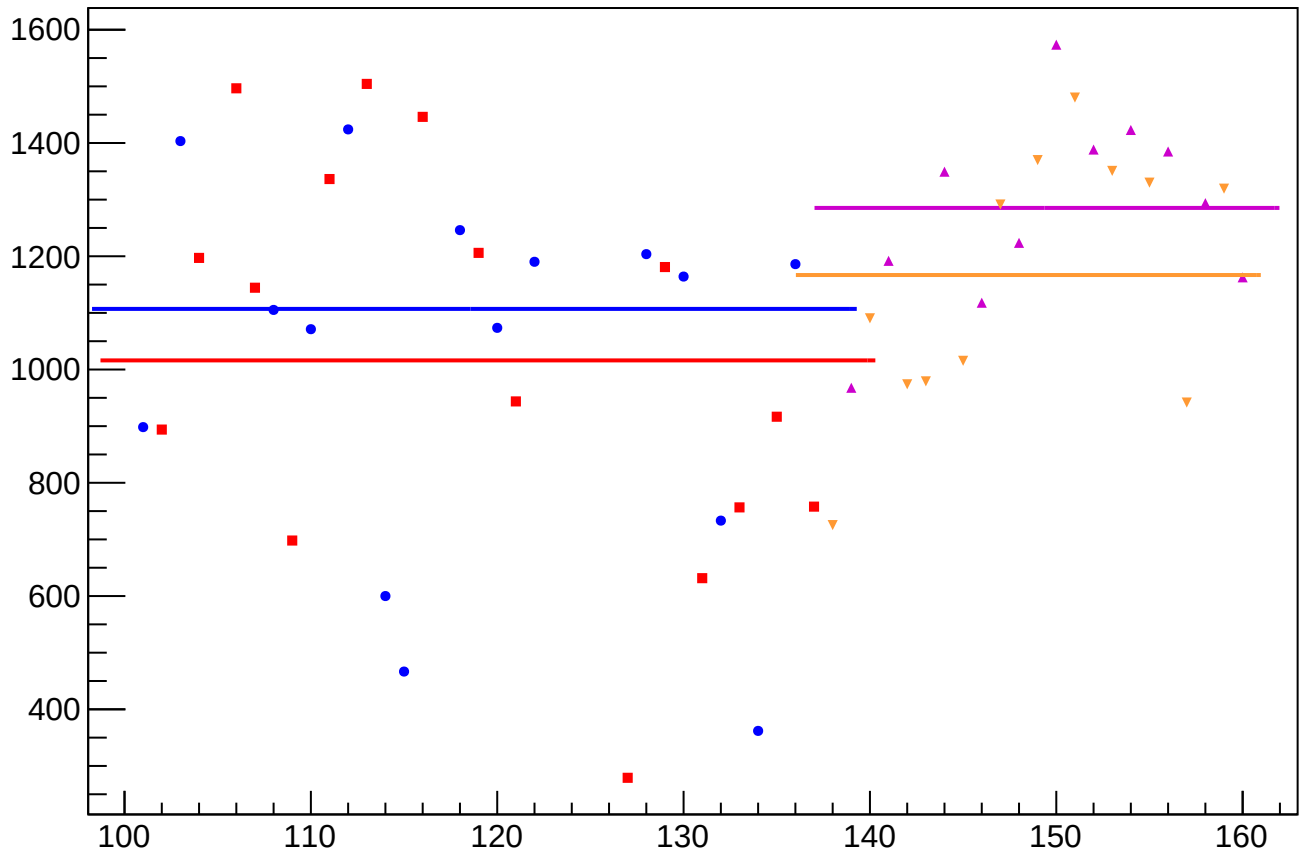
Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 48973496995723480911801365823488.0/10

+ sign 1.347 $\pm$ 0.000 χ^2 /NDF: 26805645085959175

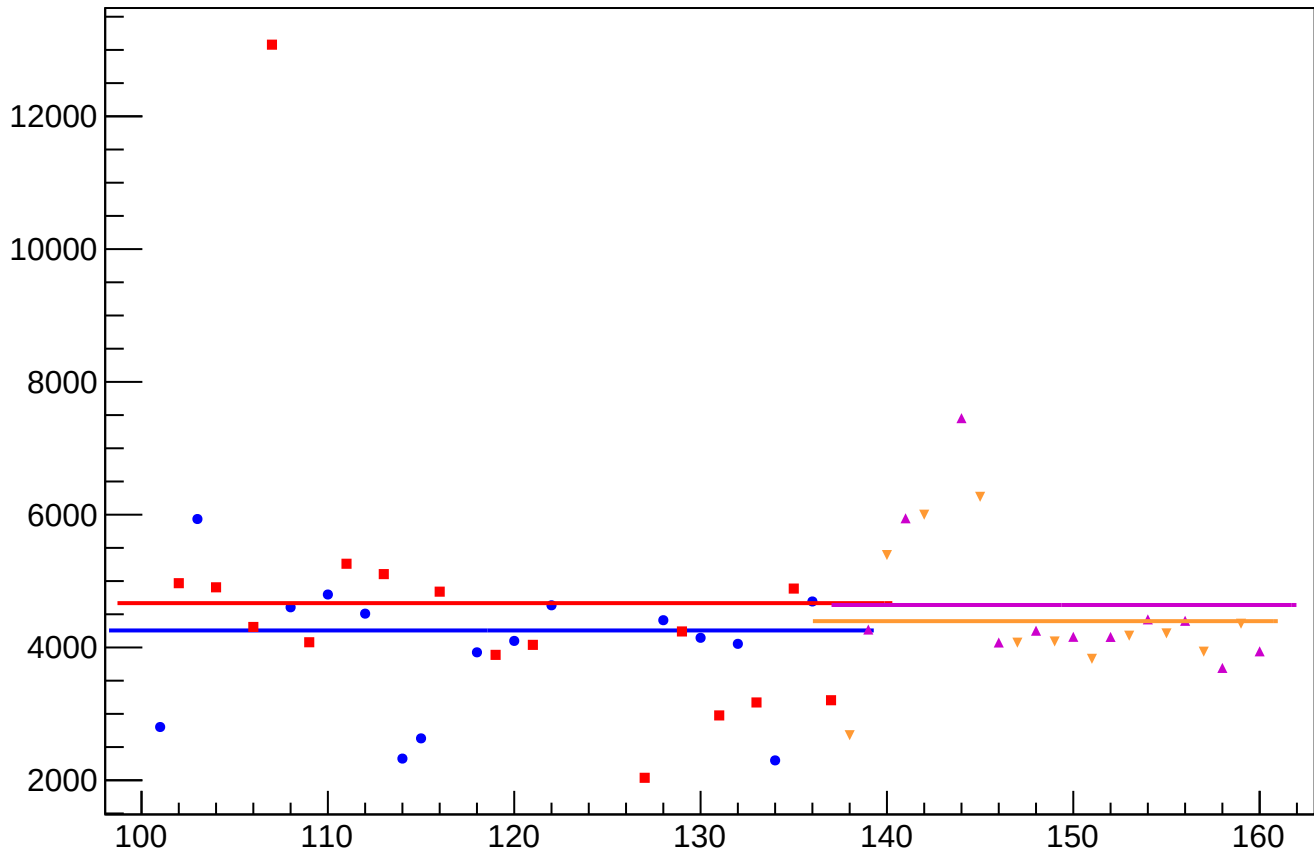
All: 1.301 $\pm$ 0.000 χ^2 /NDF: 56157588721998

- sign 1.256 $\pm$ 0.000 χ^2 /NDF: 28690992559145743

dit_4eY_coil4_Ndata_mean vs Slug

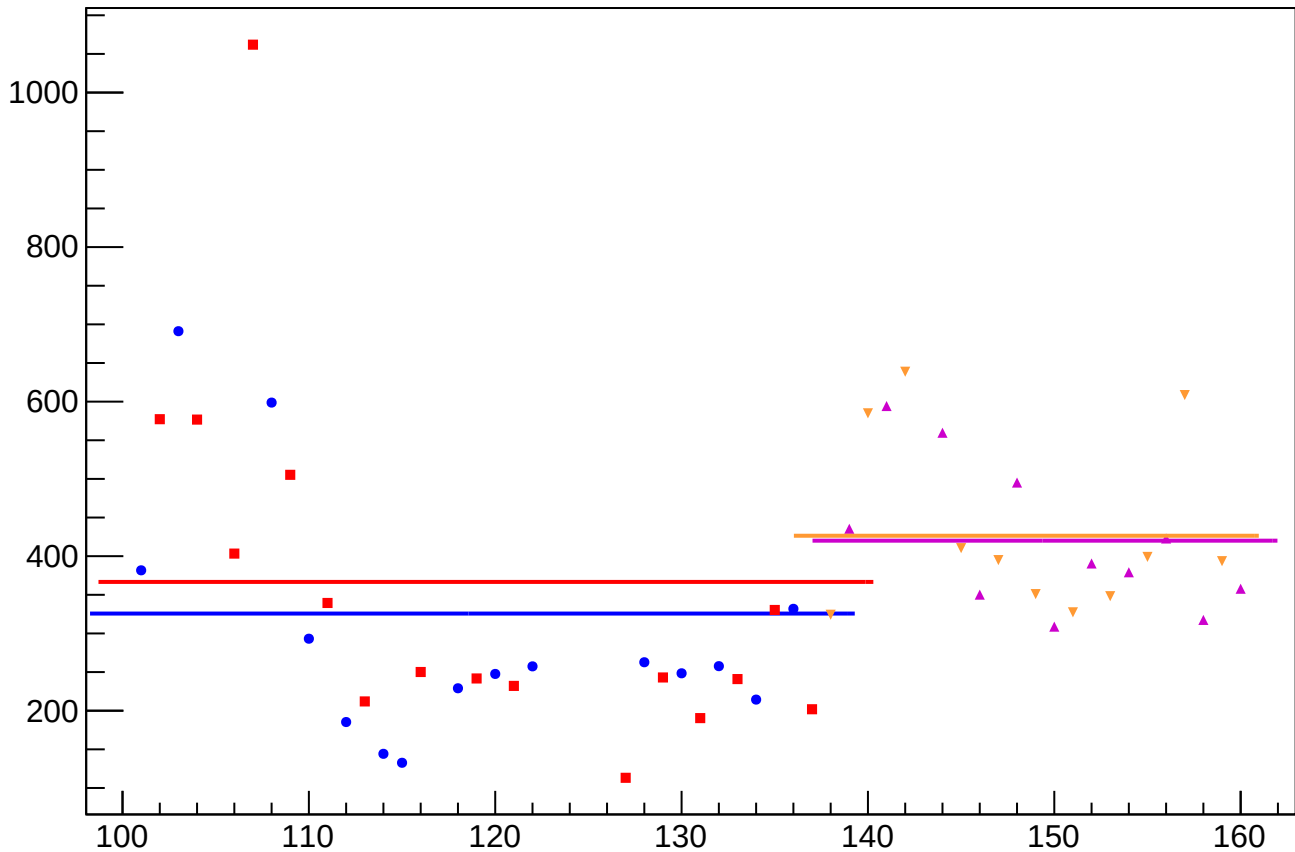


dit_usl_coil4_mean vs Slug



Right In: 4256.386 $\pm$ 0.000 χ^2 /NDF: 498605412551624859672454954159576186880.0/14
 Left Out: 4396.403 $\pm$ 0.000 χ^2 /NDF: 767686308157486440179100240552638021632.0/10
 Right Out: 4667.832 $\pm$ 0.000 χ^2 /NDF: 3201925535782807450320951772159309512704.0/15
 Left In: 4639.846 $\pm$ 0.000 χ^2 /NDF: 1058446303743243170530981239939506634752.0/10

dit_usl_coil4_err_mean vs Slug



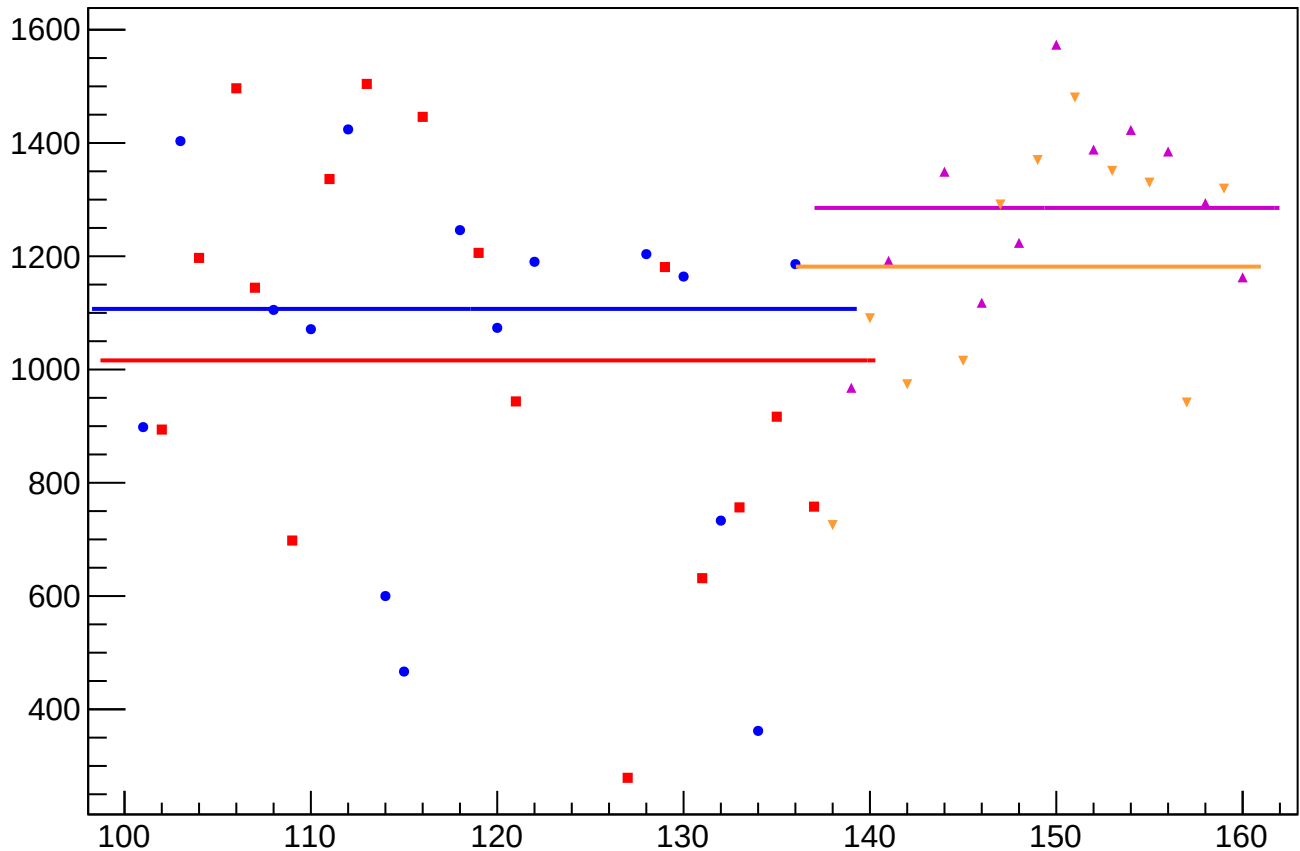
Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 426.446+/-0.000 χ^2/NDF : 9564737566607591468000084323542761472.0/10

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

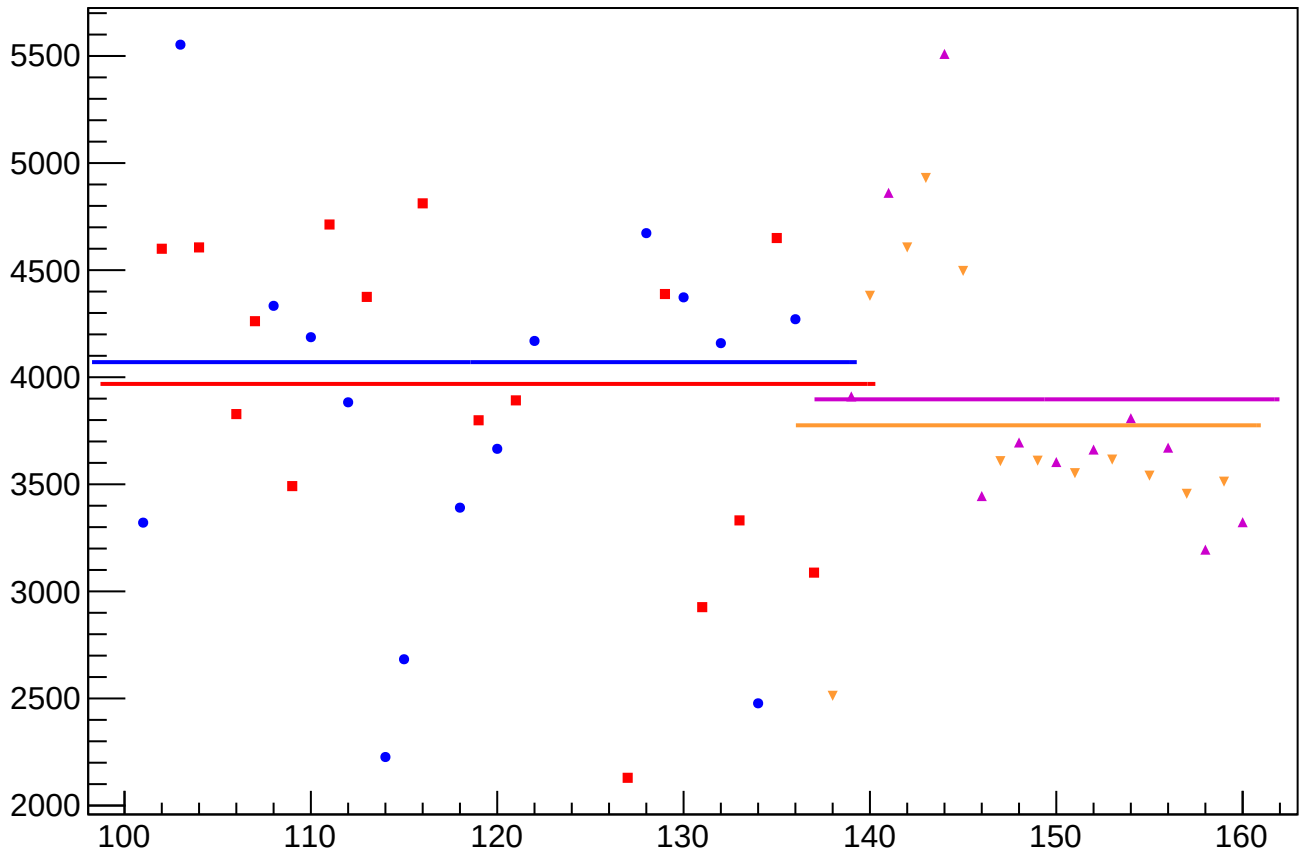
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

dit_usl_coil4_Ndata_mean vs Slug



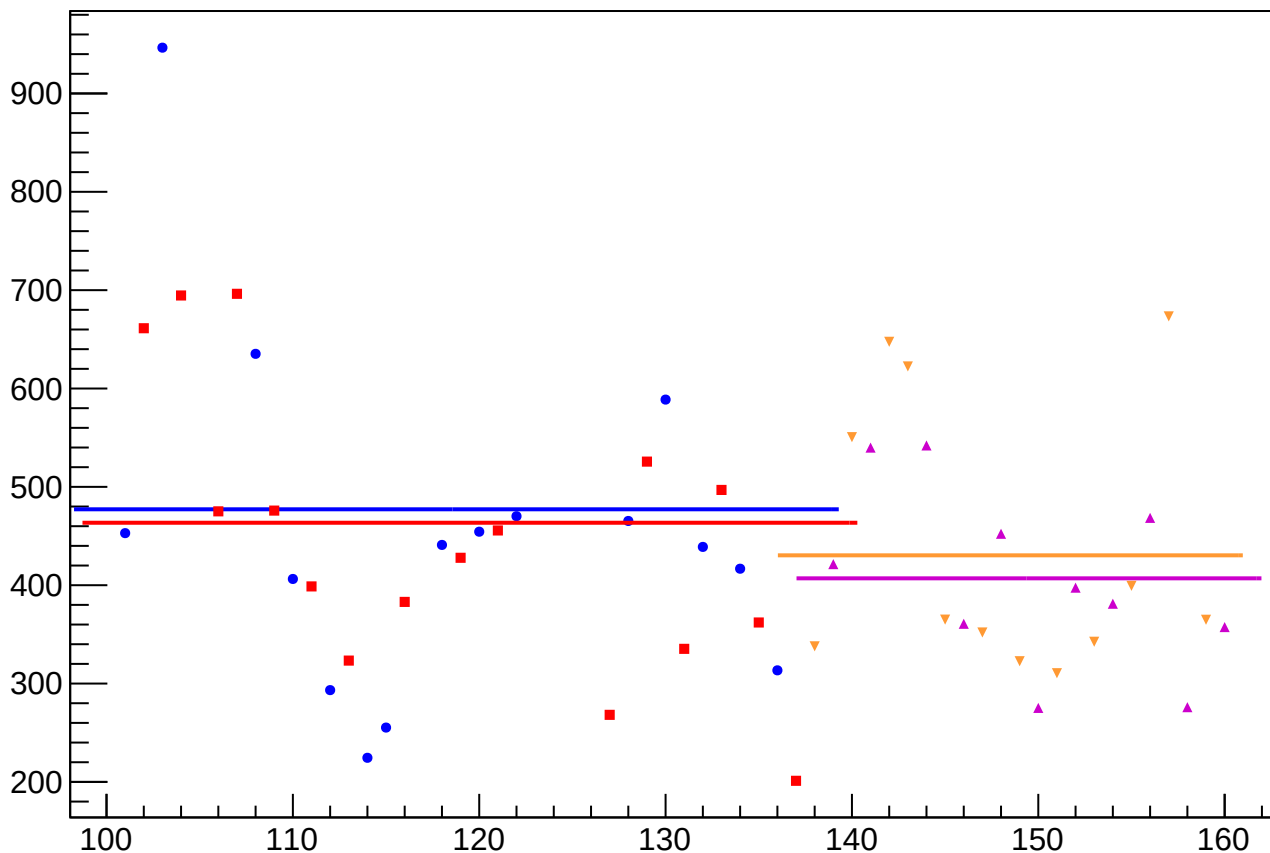
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1181.721 +/- 0.000 χ^2/NDF : 42102883856321275256821029062509068288.0/10
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

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

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 430.385+/-0.000 χ^2/NDF : 15124863187063515916775500602167787520.0/11

Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

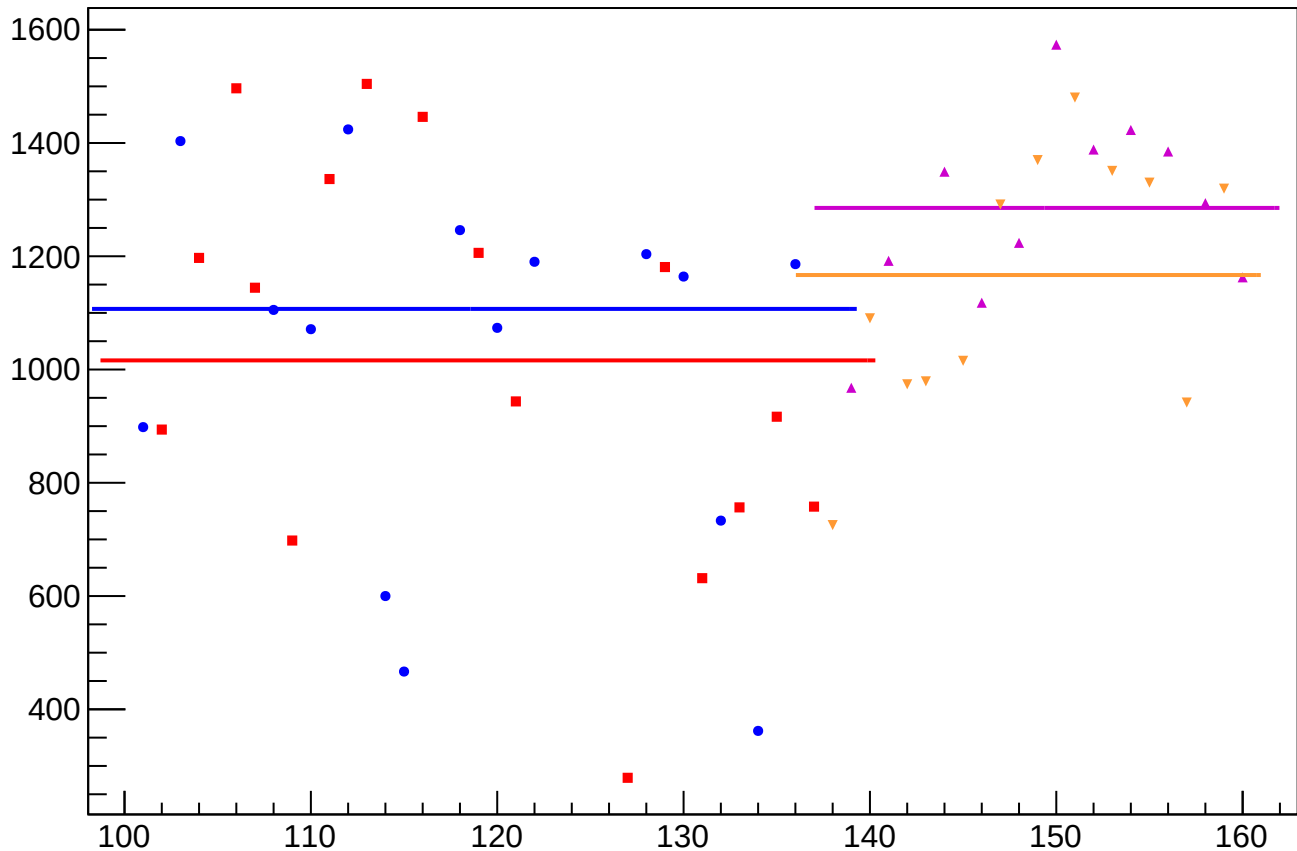
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF : 364118639358953

All: 440.167+/-0.000 χ^2/NDF : 575090441202

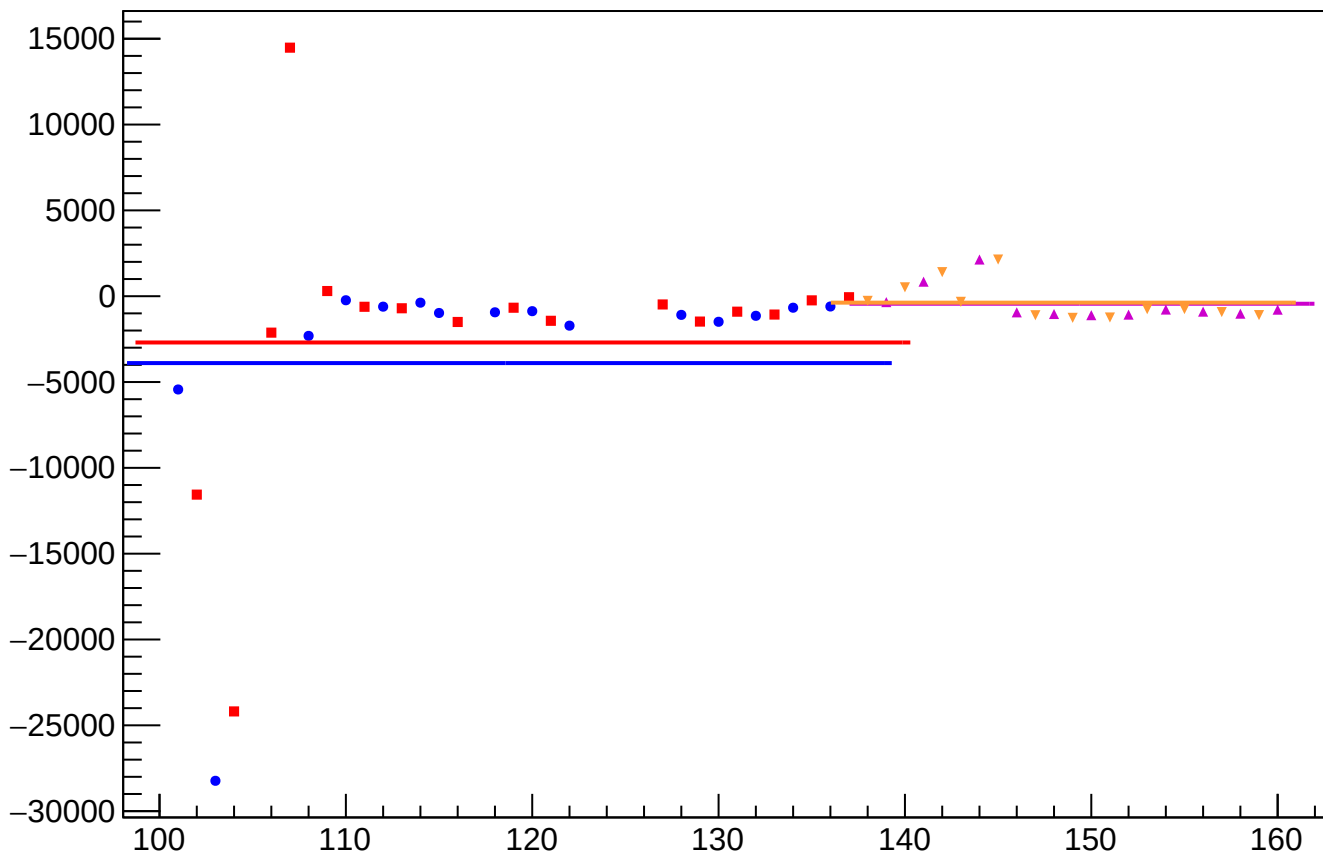
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



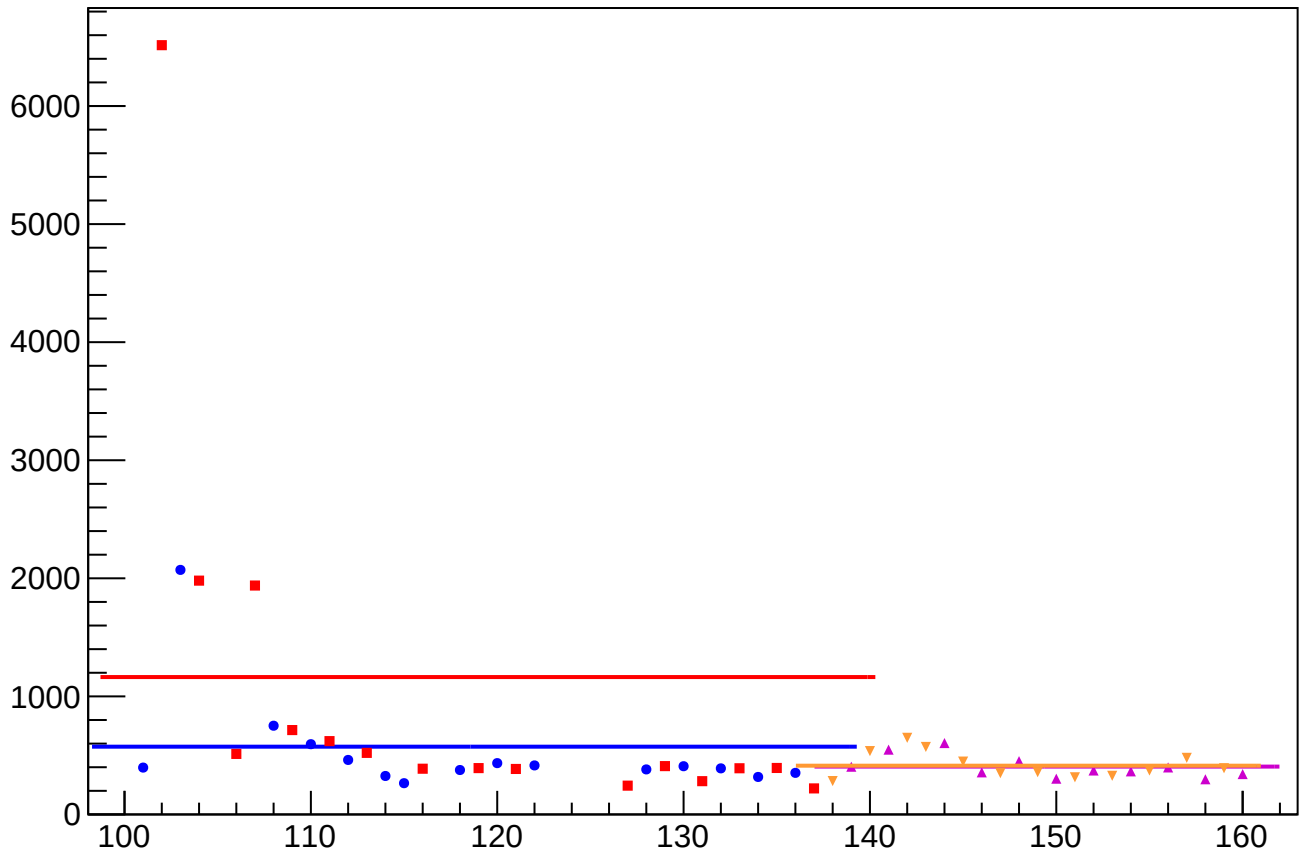
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_atl1_coil4_mean vs Slug



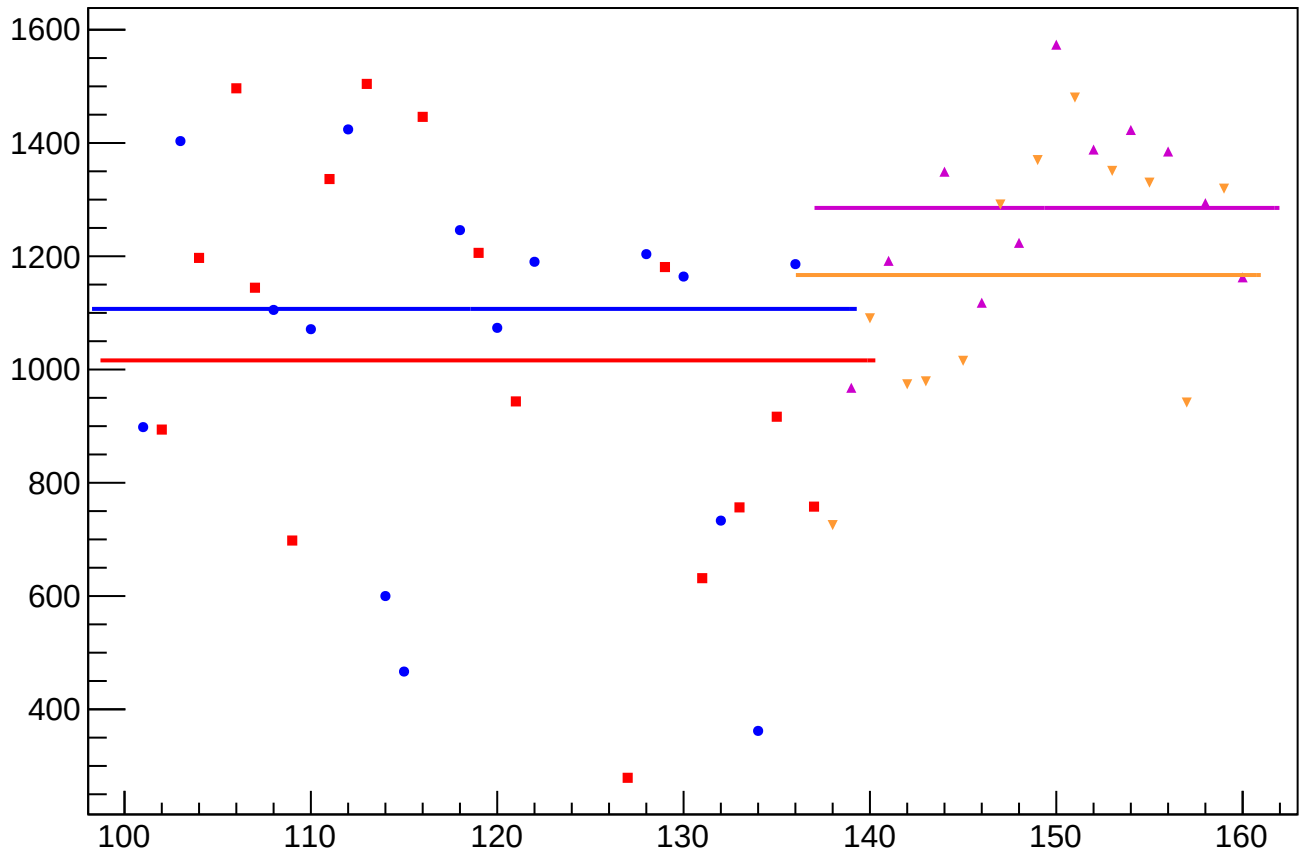
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430+/-0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289+/-0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10

dit_atl1_coil4_err_mean vs Slug



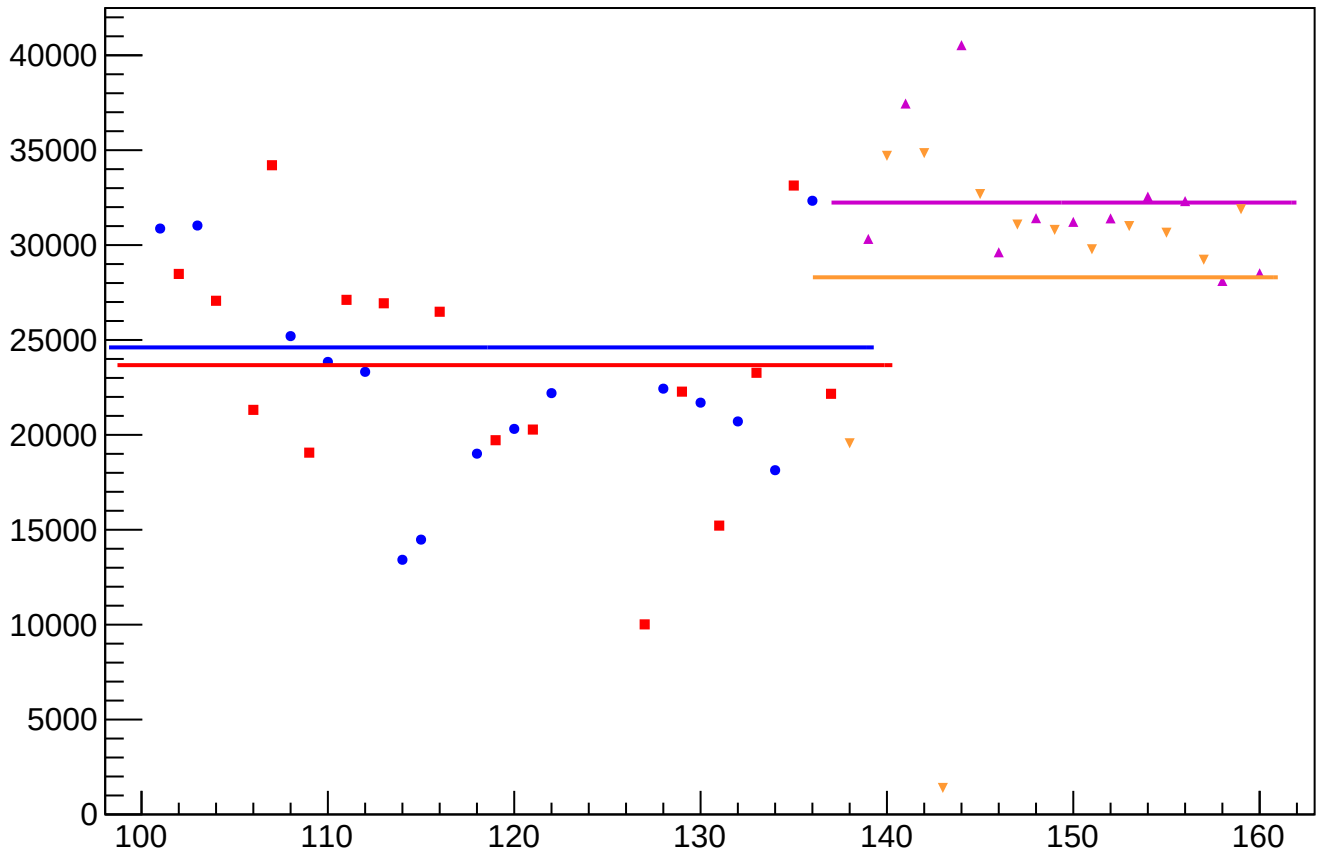
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 413.017+/-0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
 Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371+/-0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 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

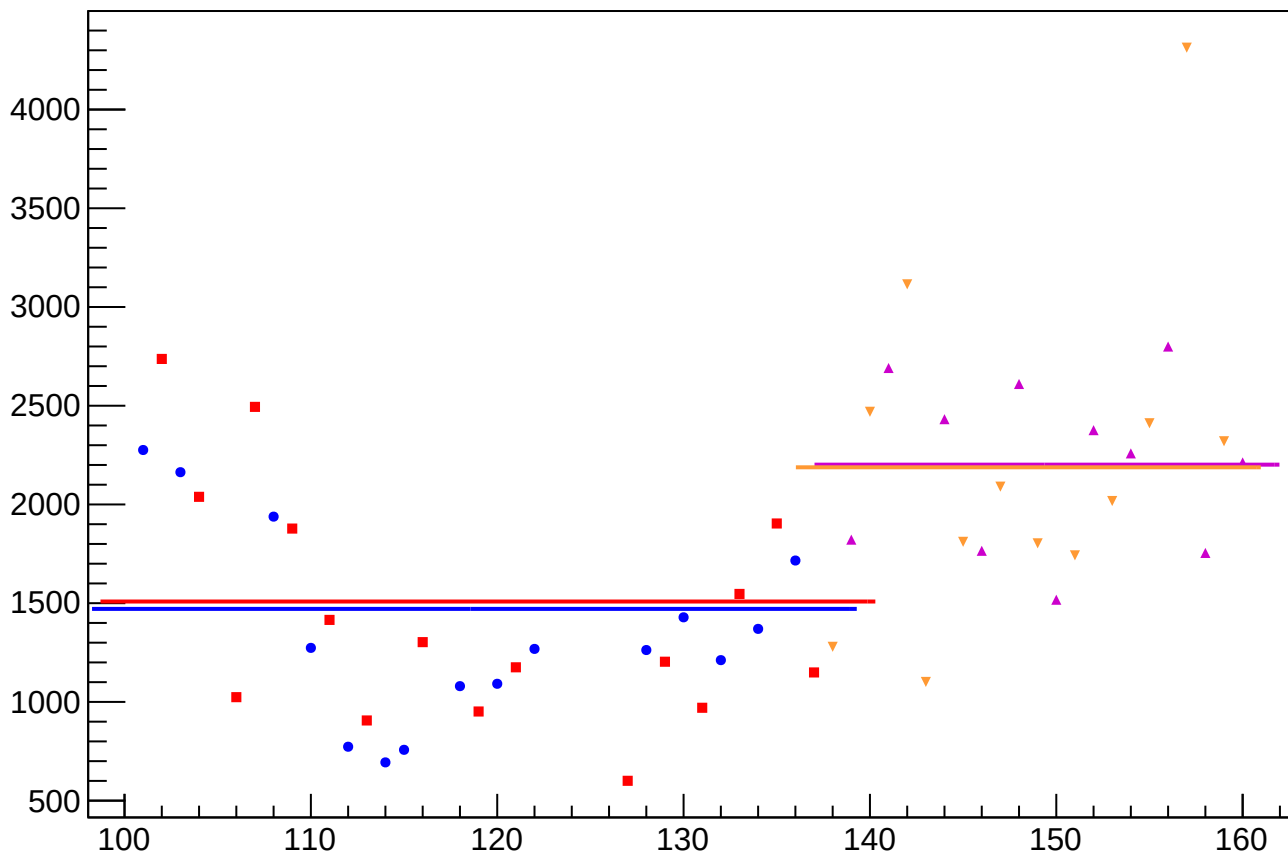
dit_atl2_coil4_mean vs Slug



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

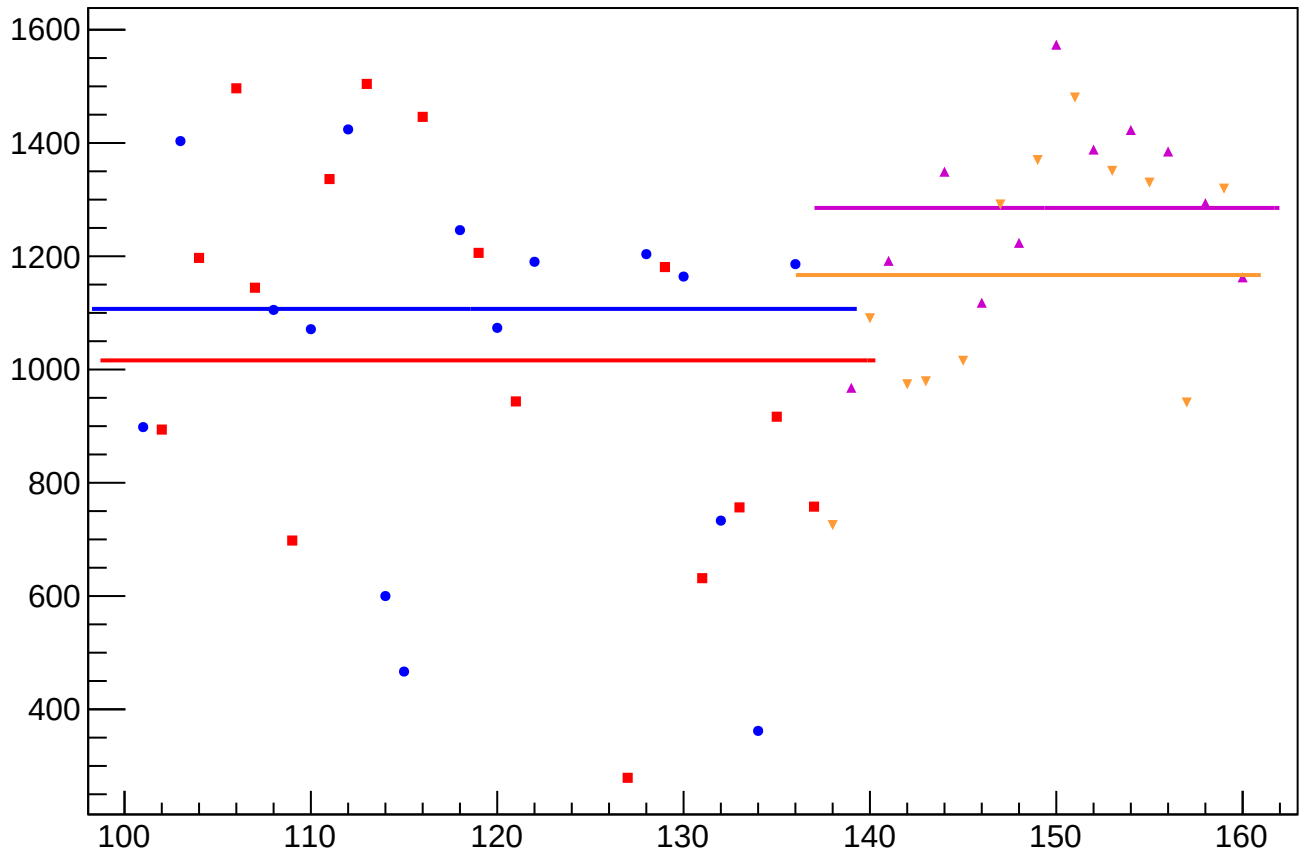
Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

All: 1900.786+/-0.000 χ^2/NDF : 15216070453

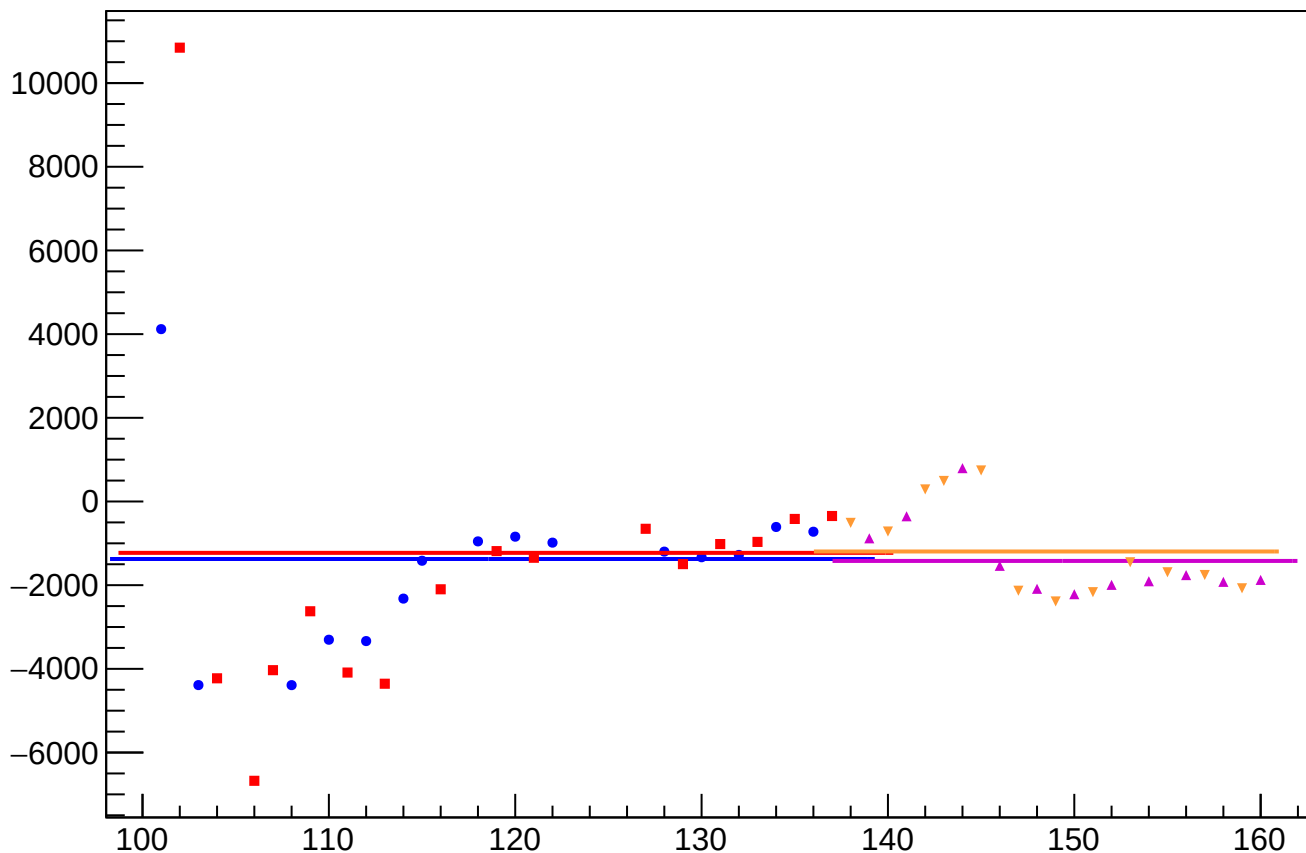
- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 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

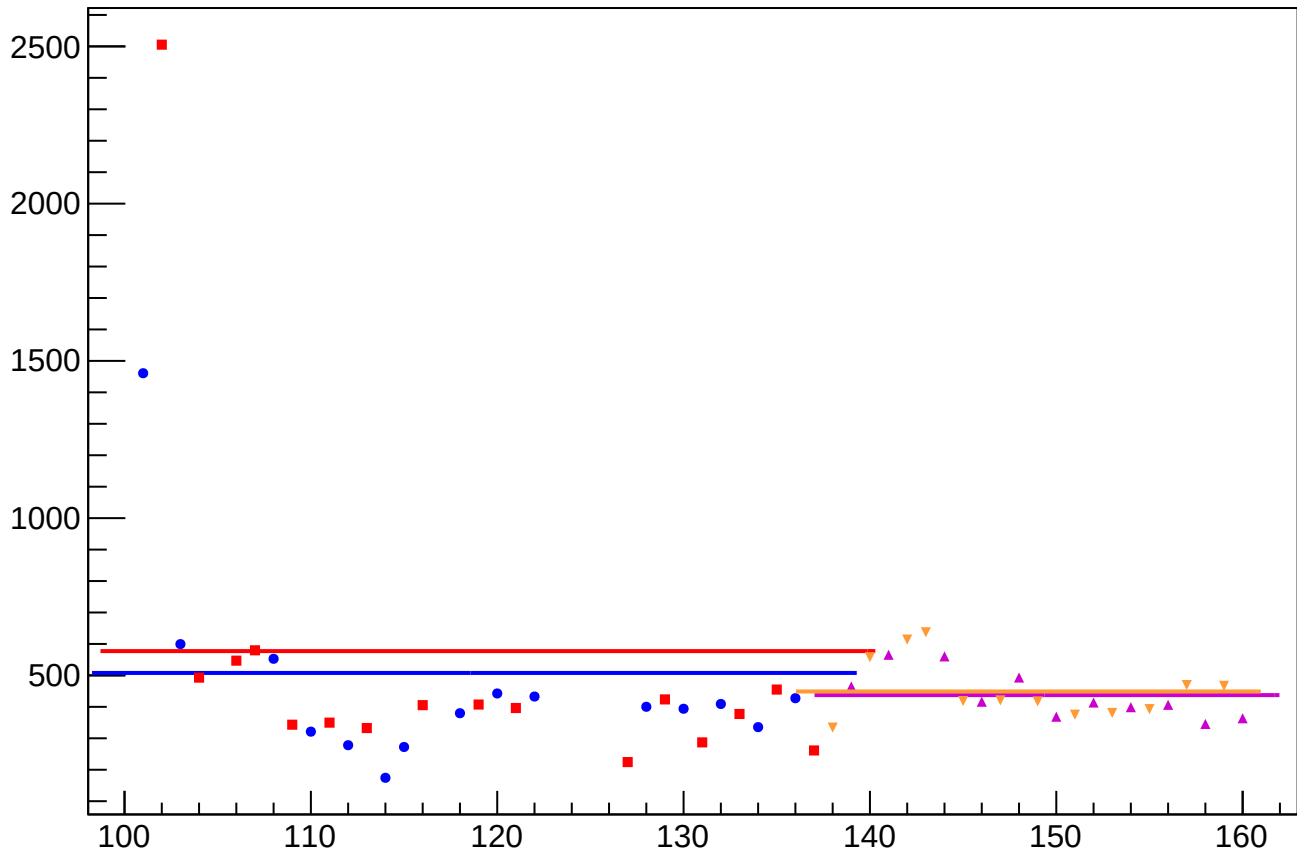
dit_atr1_coil4_mean vs Slug



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

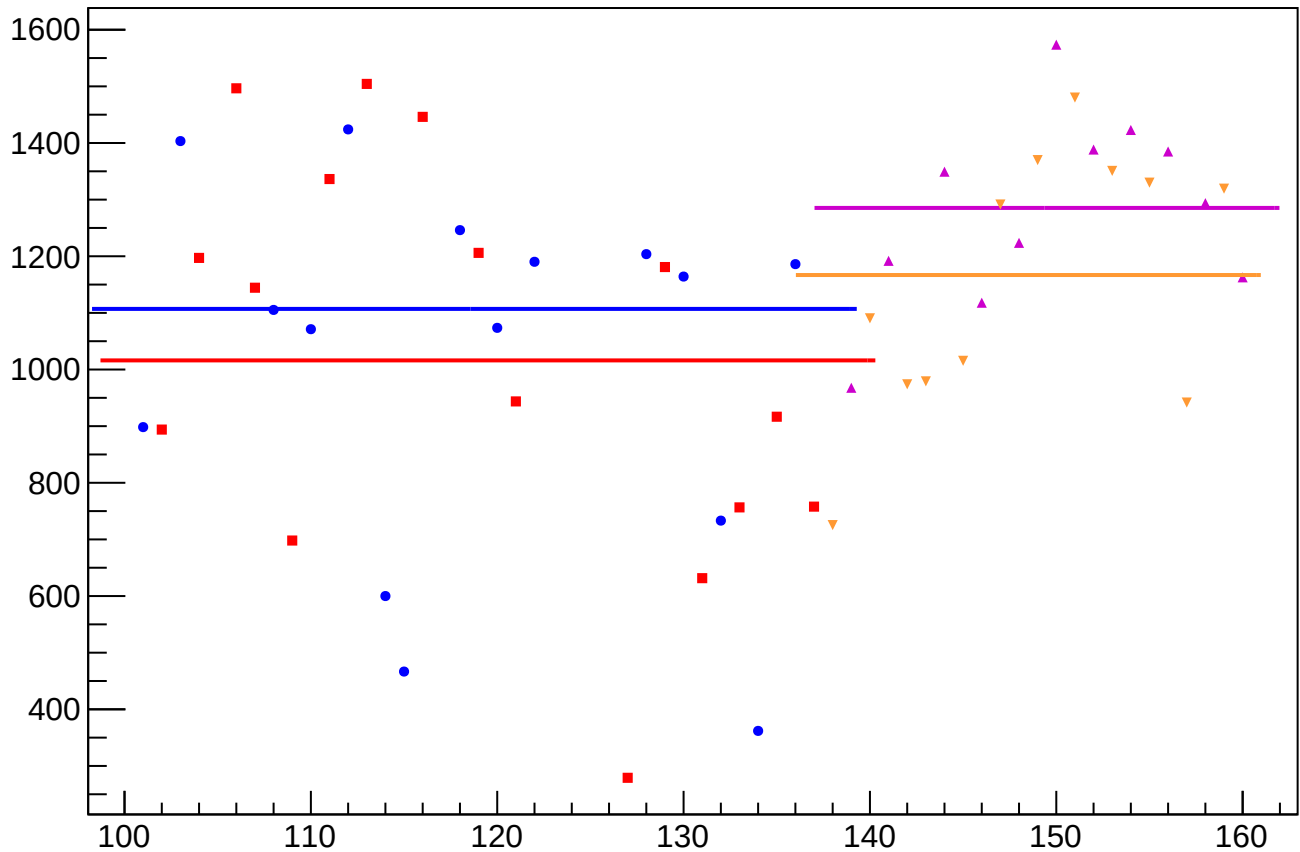
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

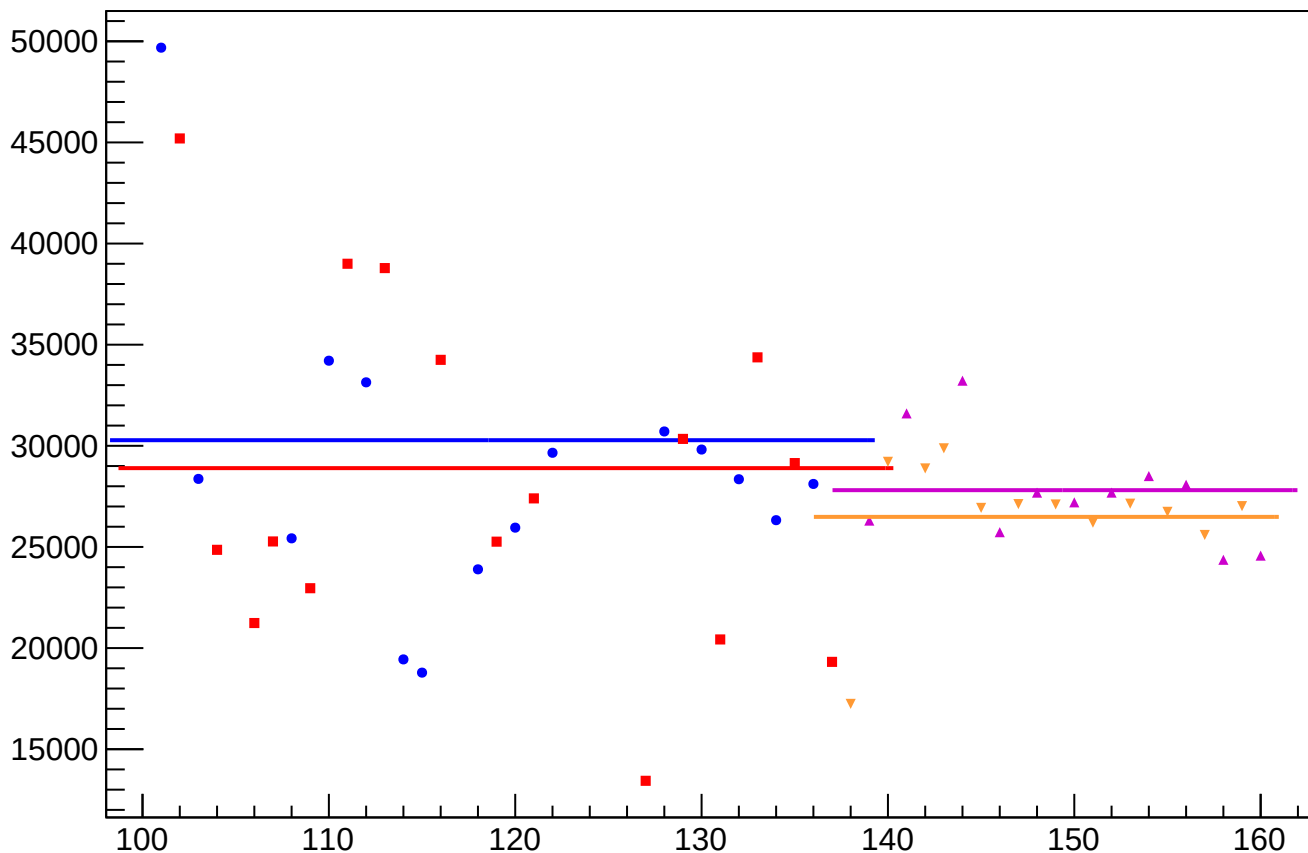
All: 484.772+/-0.000 χ^2/NDF : 326581423527

- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



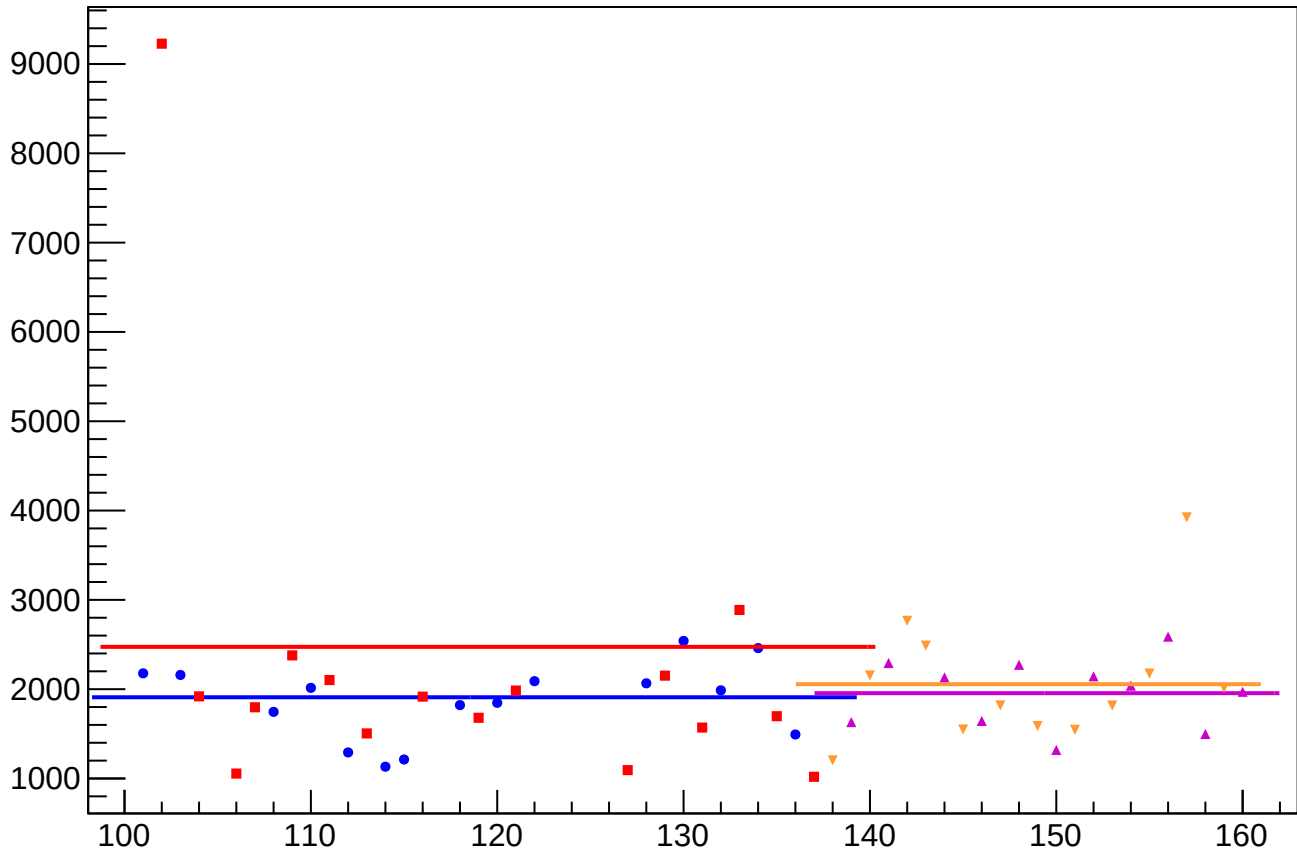
dit_atr2_coil4_mean vs Slug



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

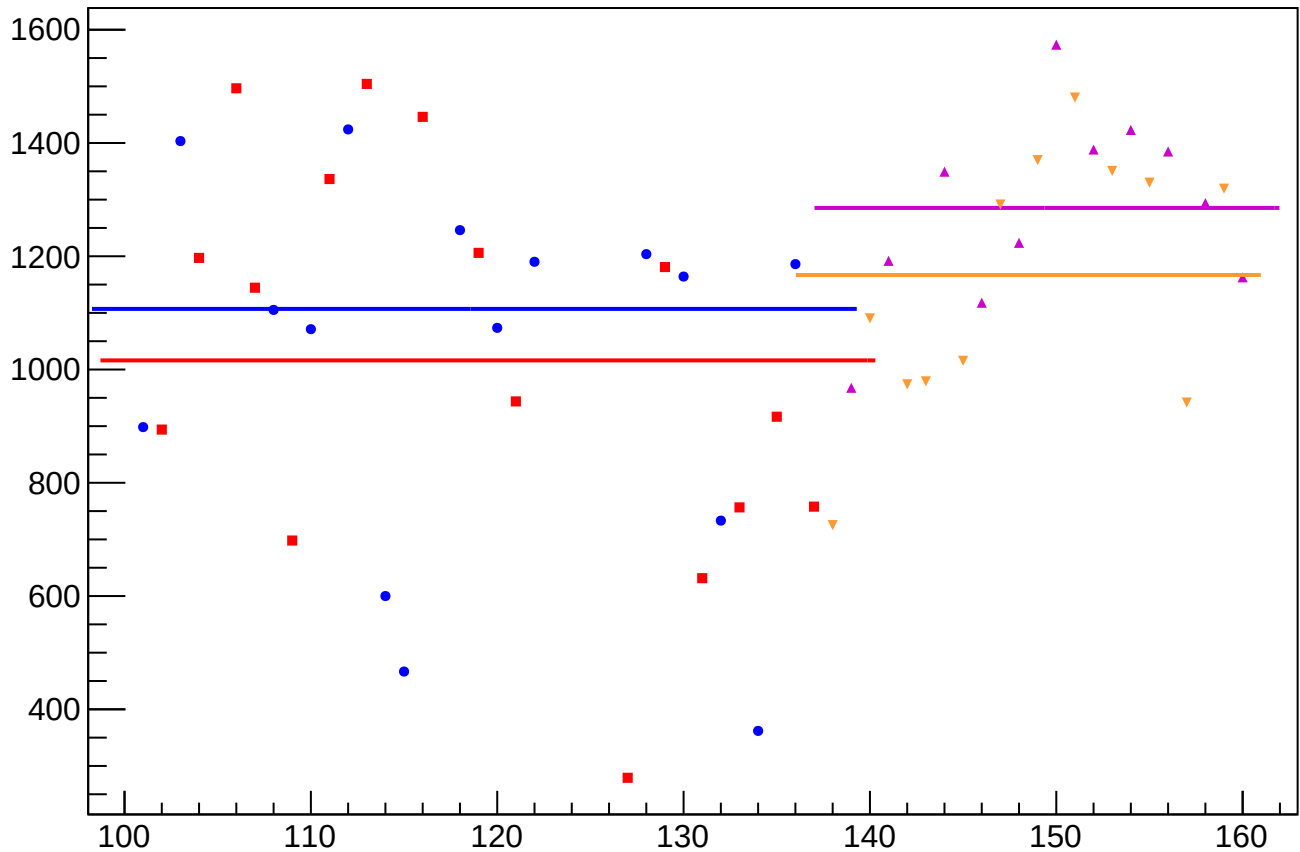
+ sign 28060.820+/-0.000 χ^2/NDF : 4495105358177
 All: 28163.219+/-0.000 χ^2/NDF : 986055664
 - sign 28263.816+/-0.000 χ^2/NDF : 5362202344062

dit_atr2_coil4_err_mean vs Slug

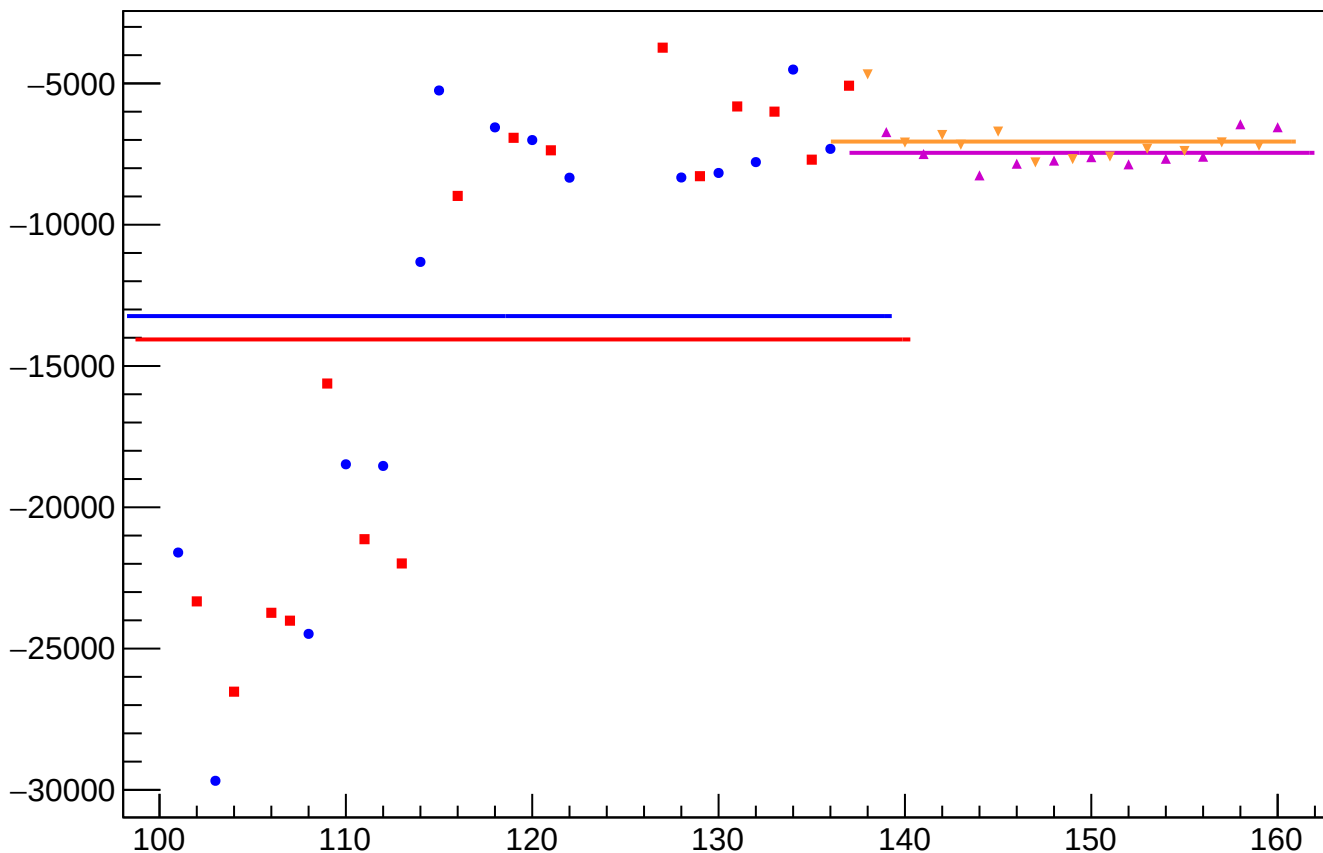


Right In: 1909.434 ± 0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14
 Left Out: 2055.788 ± 0.000 χ^2/NDF : 438010168588723075505721290768963862528.0/11
 Right Out: 2473.977 ± 0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15
 Left In: 1955.312 ± 0.000 χ^2/NDF : 126909052383838166035294082177347616768.0/10

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

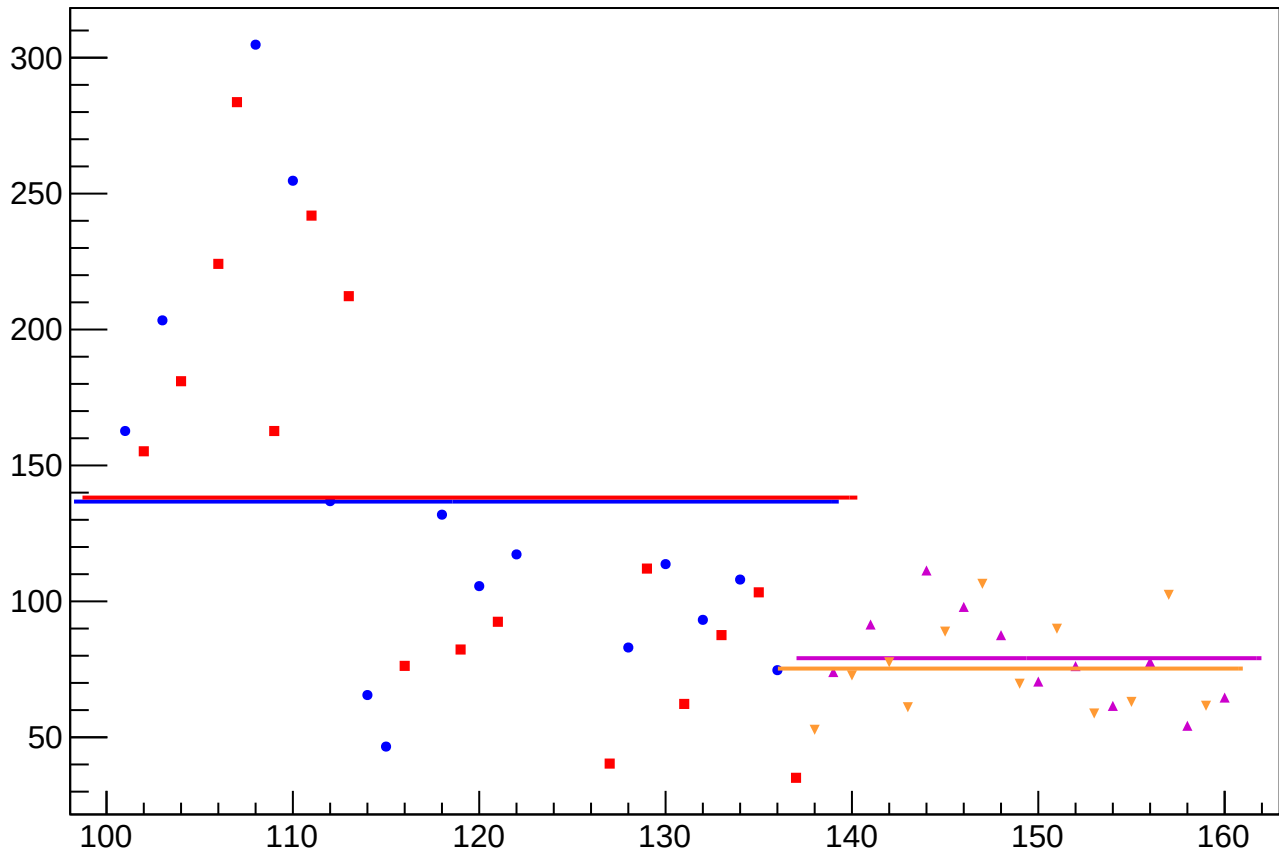
All: -9925.988+/-0.000 χ^2/NDF : 1182552632

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 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14

Left Out: 75.280 $\pm$ 0.000 χ^2 /NDF: 271565230291715258223184233837363200.0/11

Right Out: 138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15

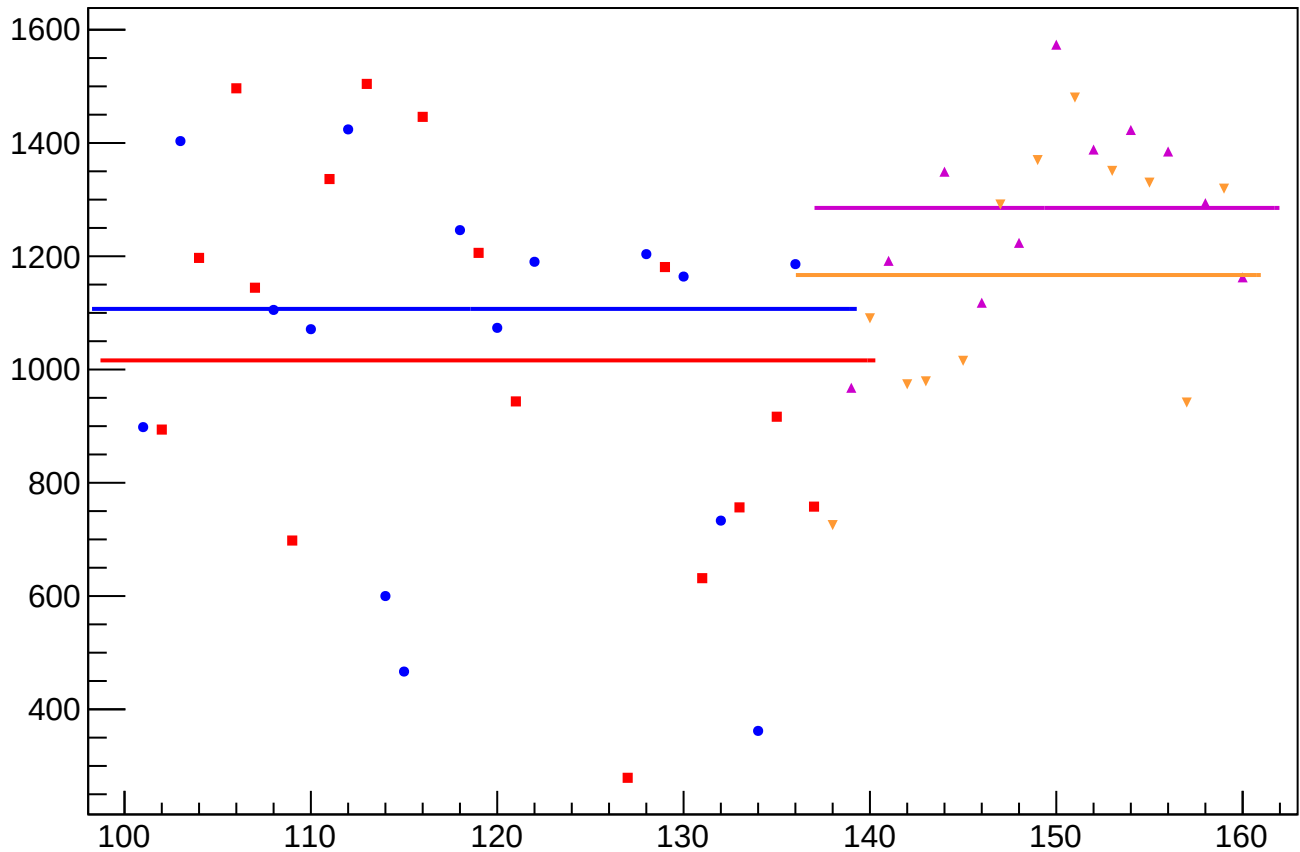
Left In: 79.096 $\pm$ 0.000 χ^2 /NDF: 243975342218114768326270780809674752.0/10

+ sign 100.788 $\pm$ 0.000 χ^2 /NDF: 439084065337808

All: 102.340 $\pm$ 0.000 χ^2 /NDF: 92254045368

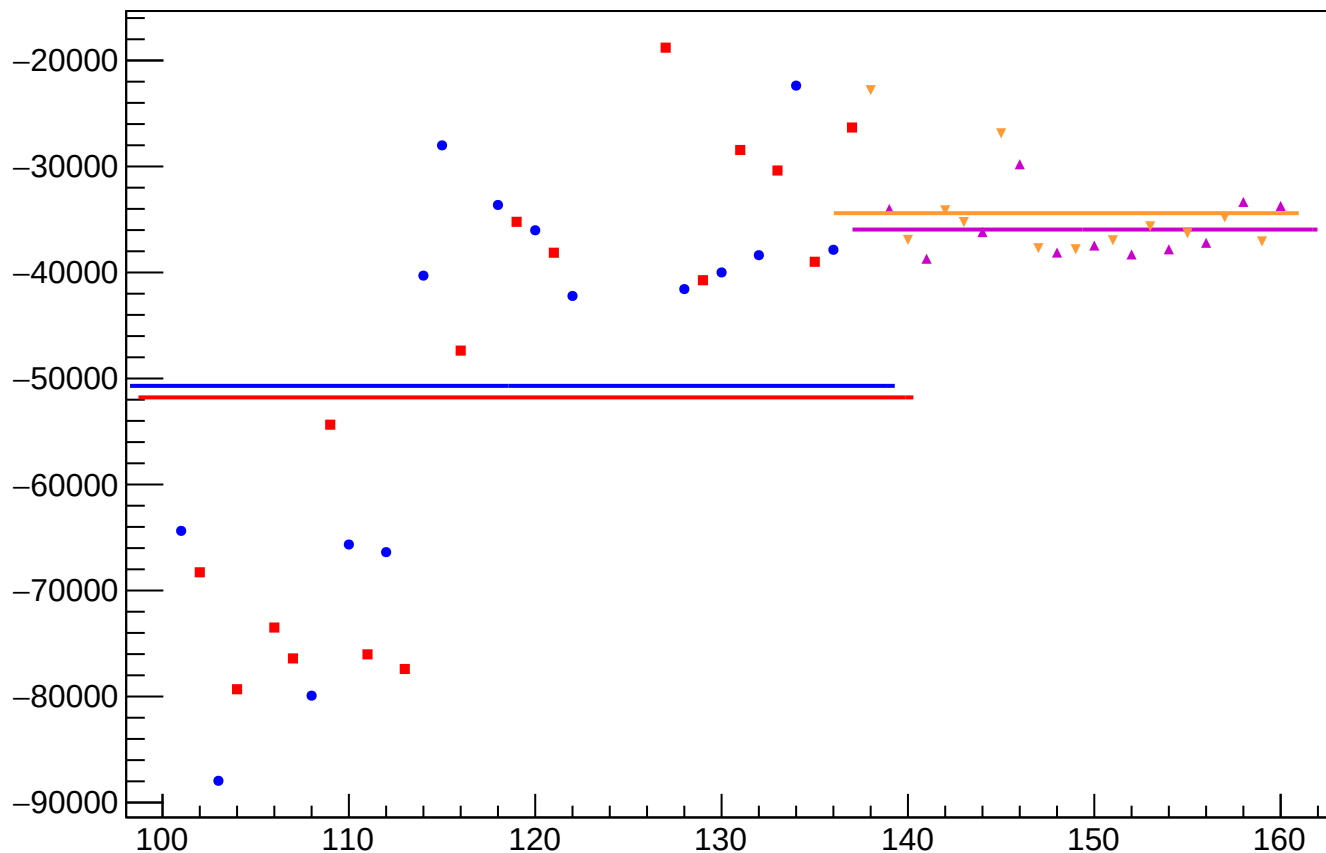
- sign 103.866 $\pm$ 0.000 χ^2 /NDF: 482709269231347

dit_sam1_coil4_Ndata_mean vs Slug



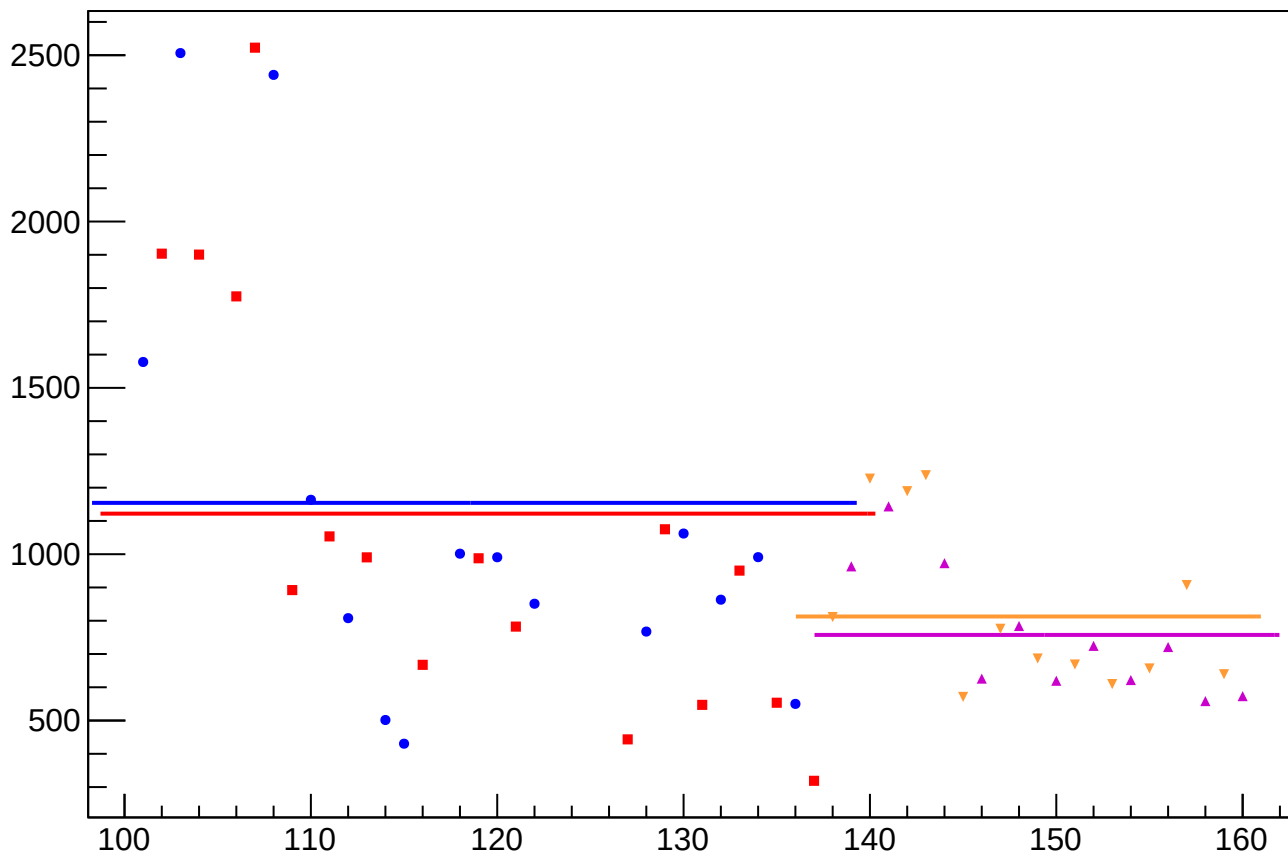
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -34404.656+/-0.000 χ^2/NDF : 18820007226442898256054839449855820038144.0/11
 Right Out: -51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: -35949.660+/-0.000 χ^2/NDF : 6535777806152232441815832130596699635712.0/10

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

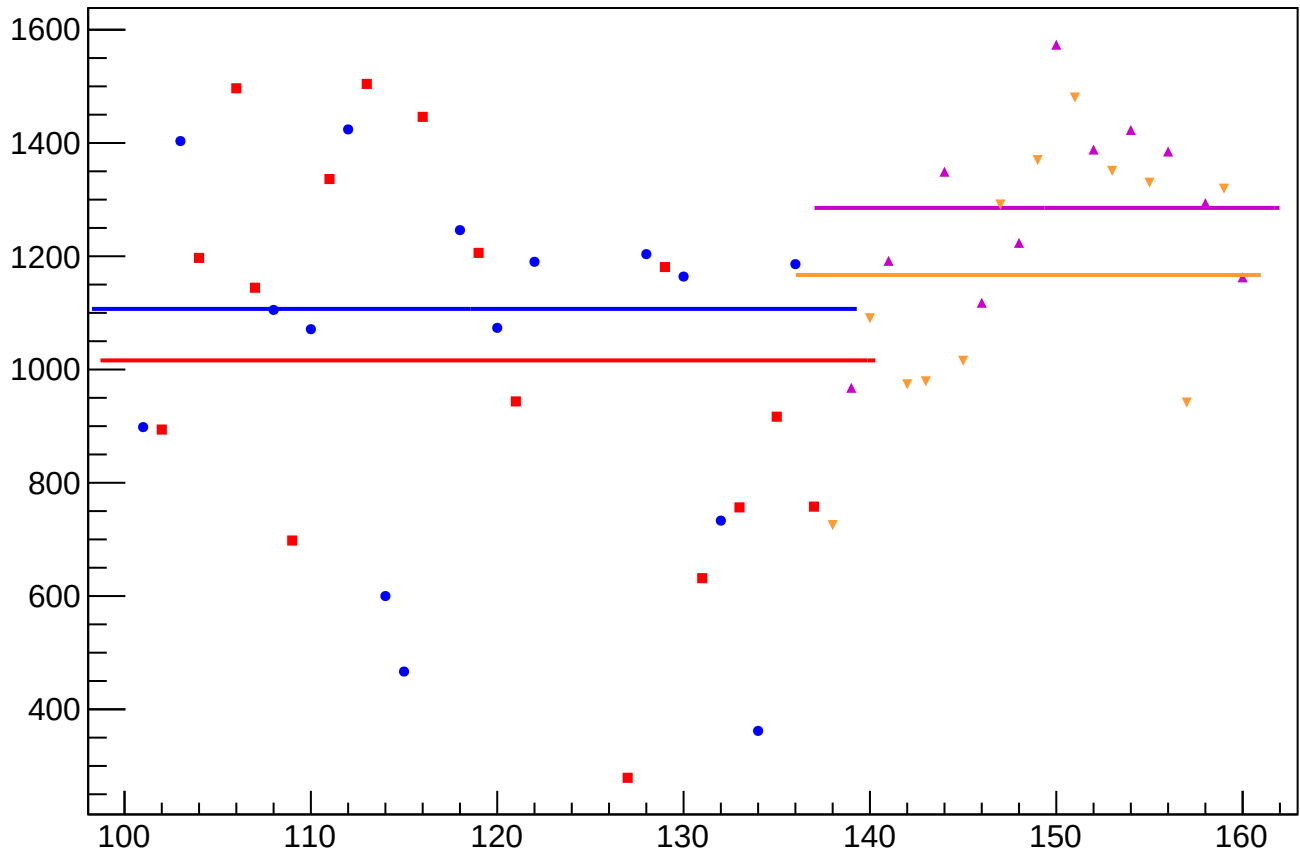
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

All: 932.198+/-0.000 χ^2/NDF : 65265633909

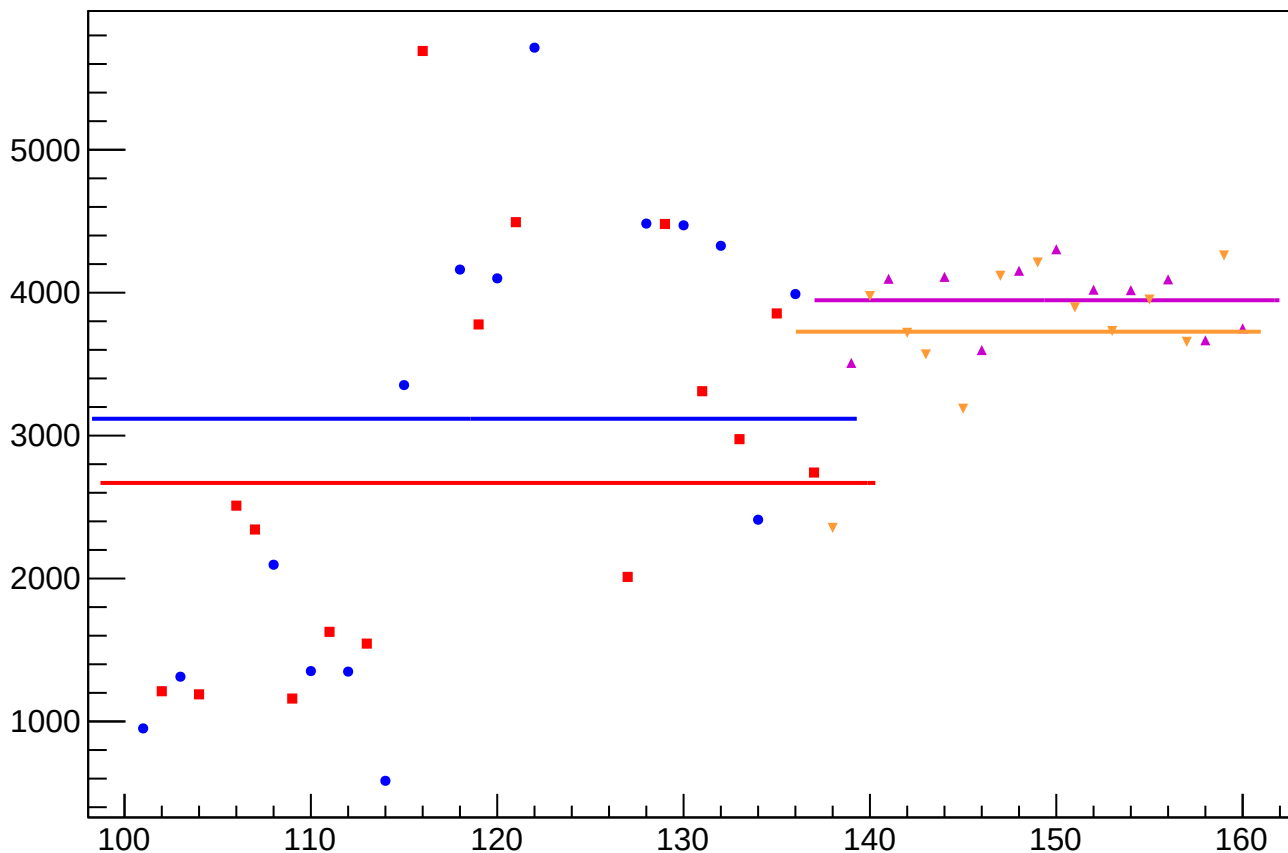
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



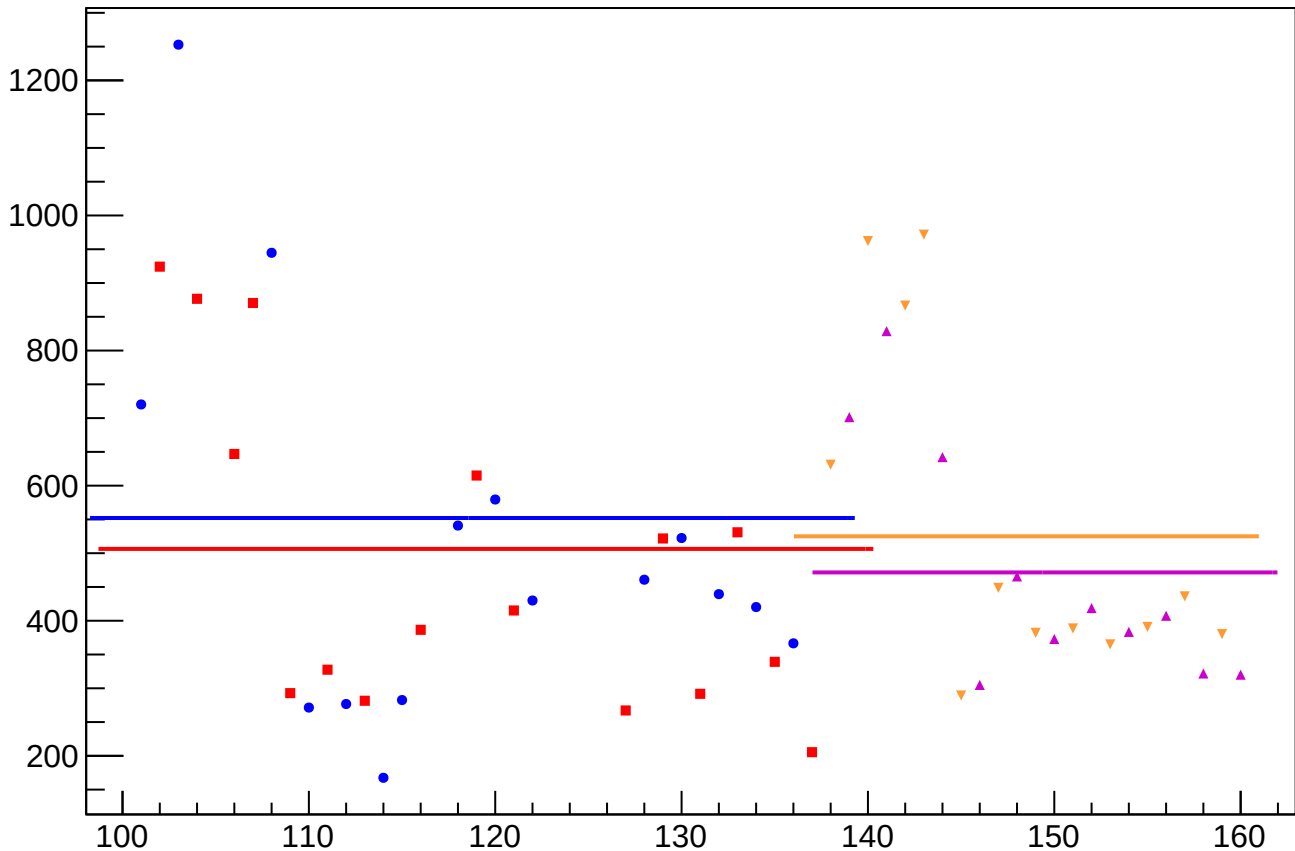
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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
 Left Out: 3727.095+/-0.000 χ^2/NDF : 237477678561542860292825834329185714176.0/11
 Right Out: 2668.794+/-0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: 3947.046+/-0.000 χ^2/NDF : 56963661018859057070812095134472077312.0/10

dit_sam3_coil4_err_mean vs Slug



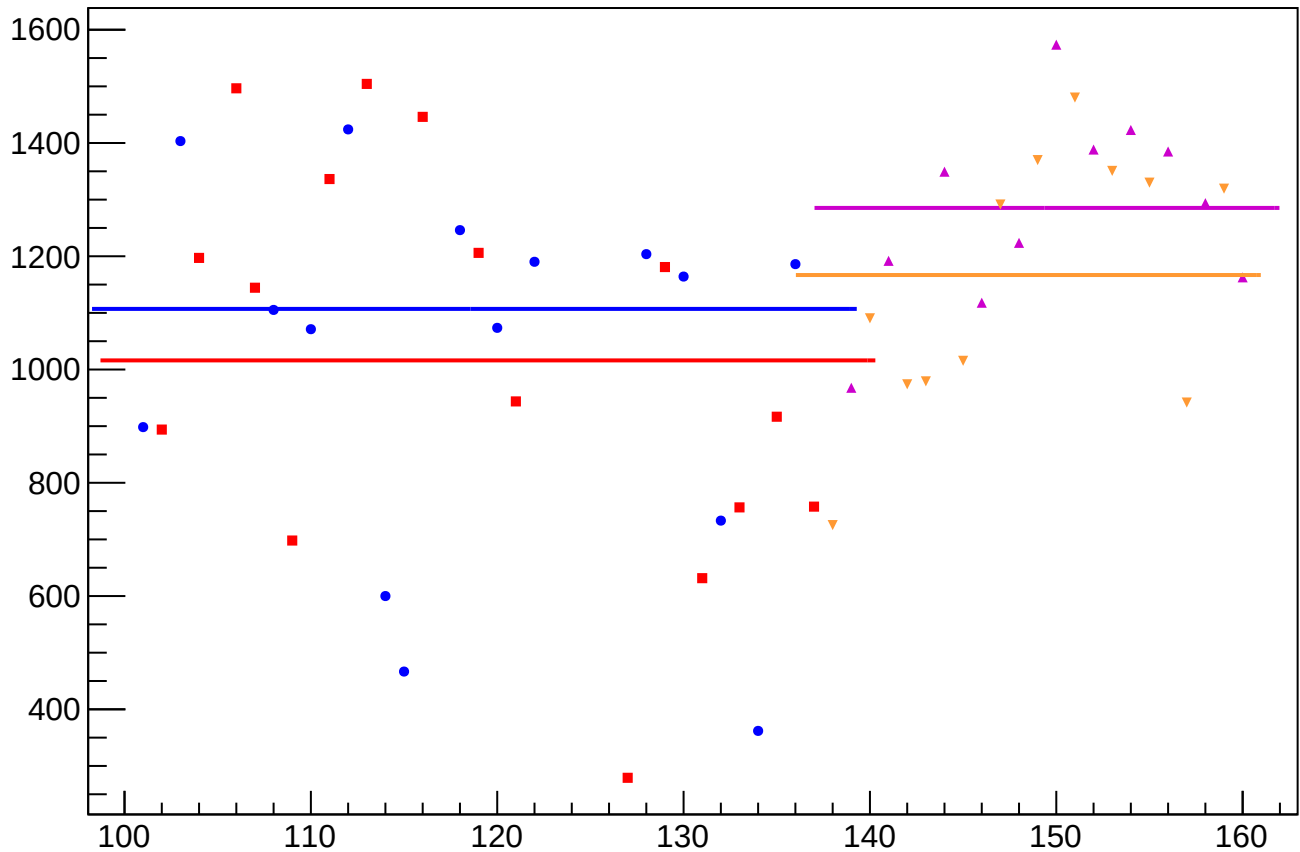
Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 524.984+/-0.000 χ^2/NDF : 49120612413638370088062361036096798720.0/11

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

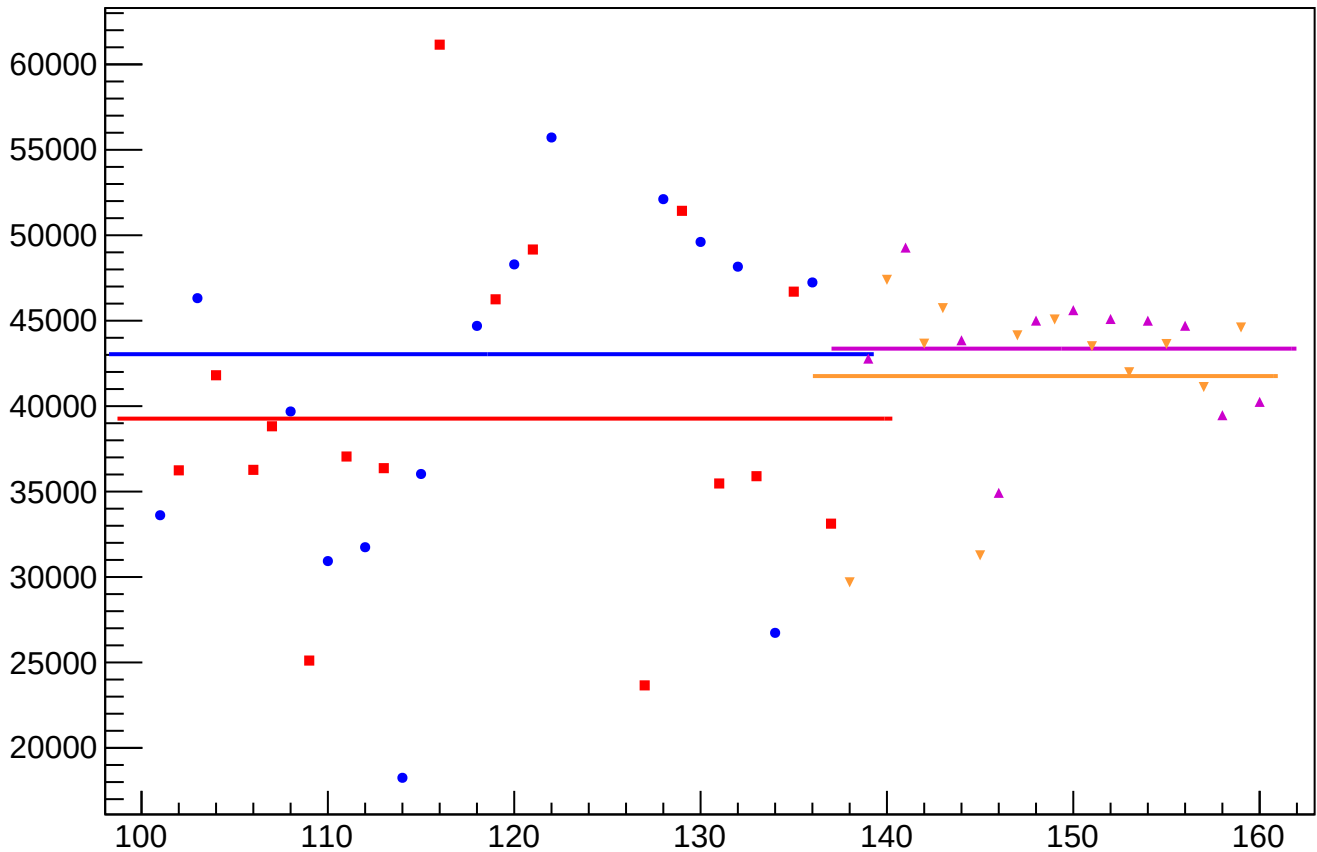
Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

dit_sam3_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_sam4_coil4_mean vs Slug



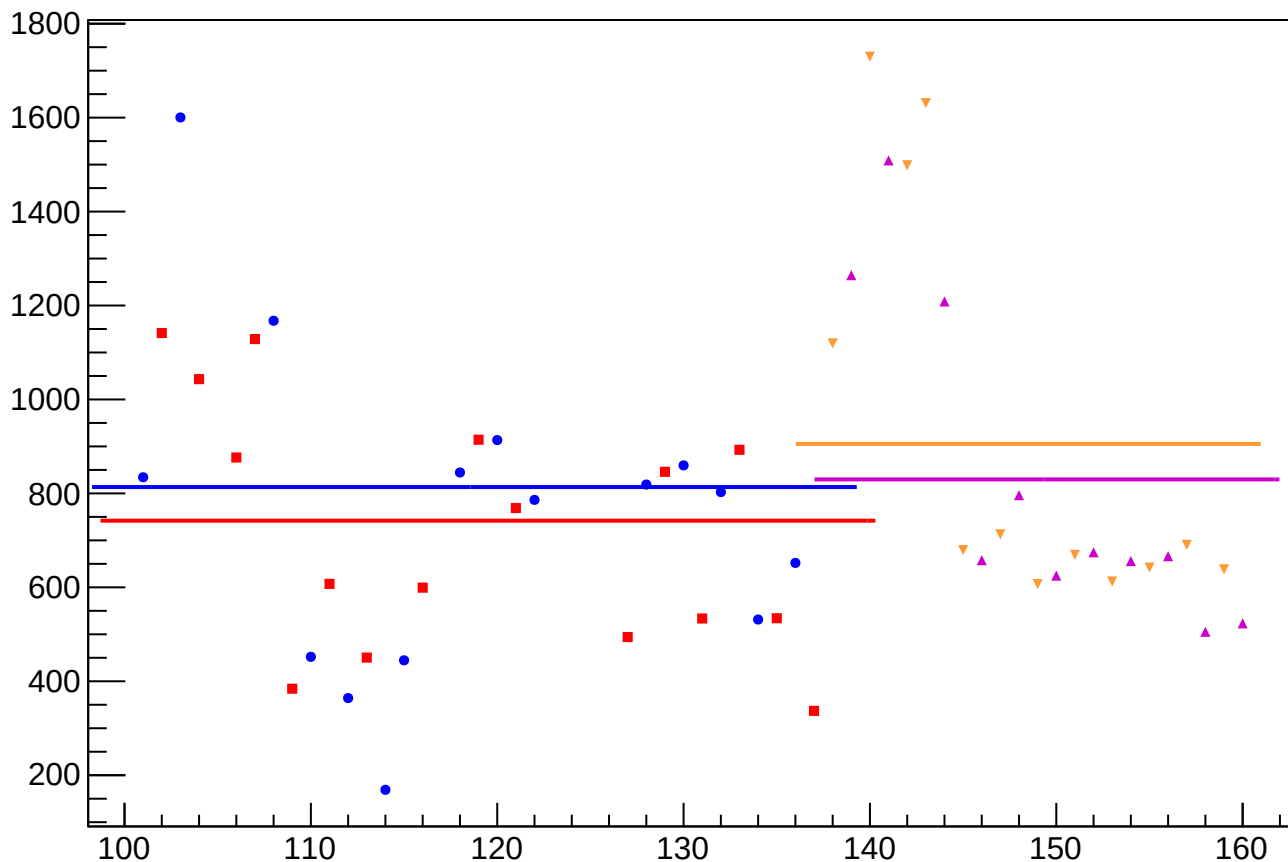
Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41759.238+/-0.000	χ^2/NDF : 26338532629522543185974017898719754584064.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ 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



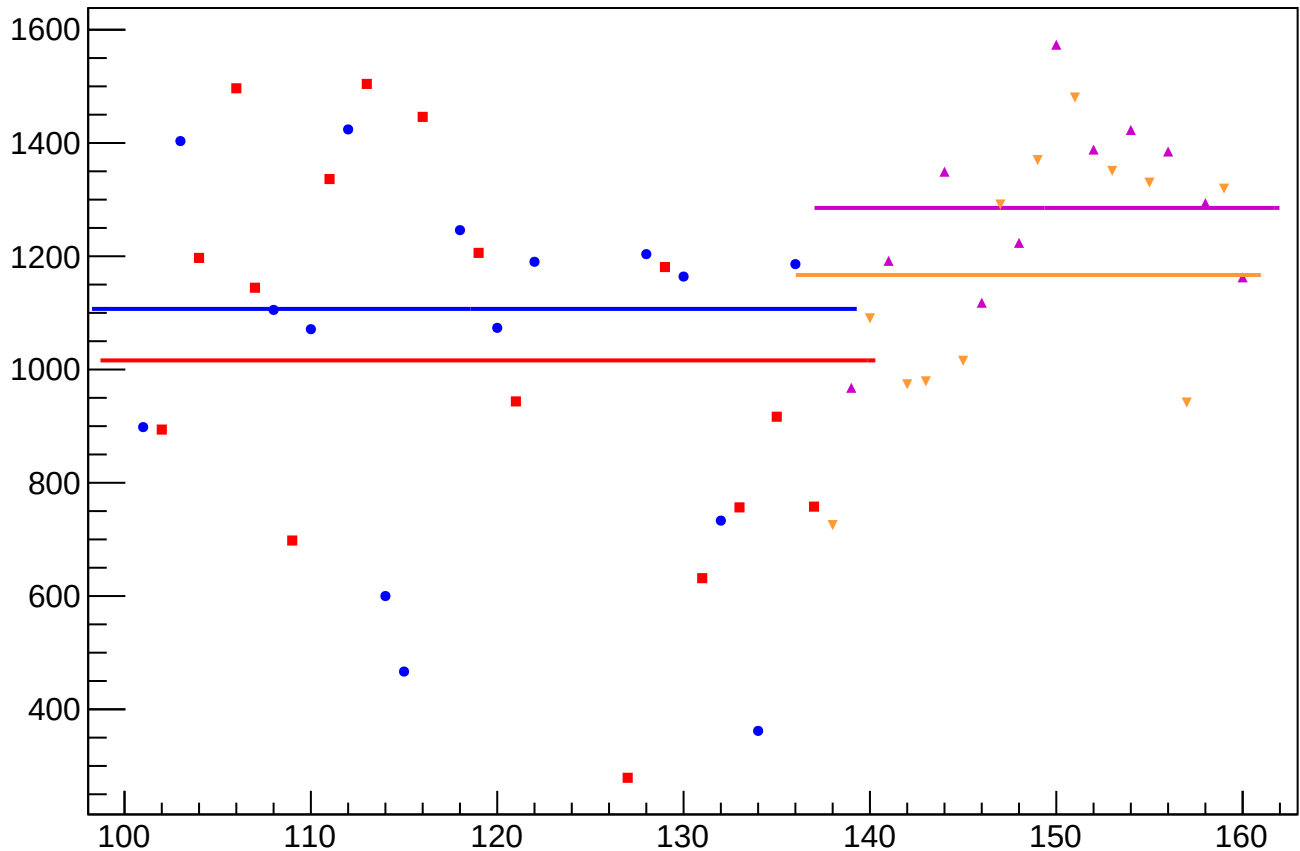
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

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

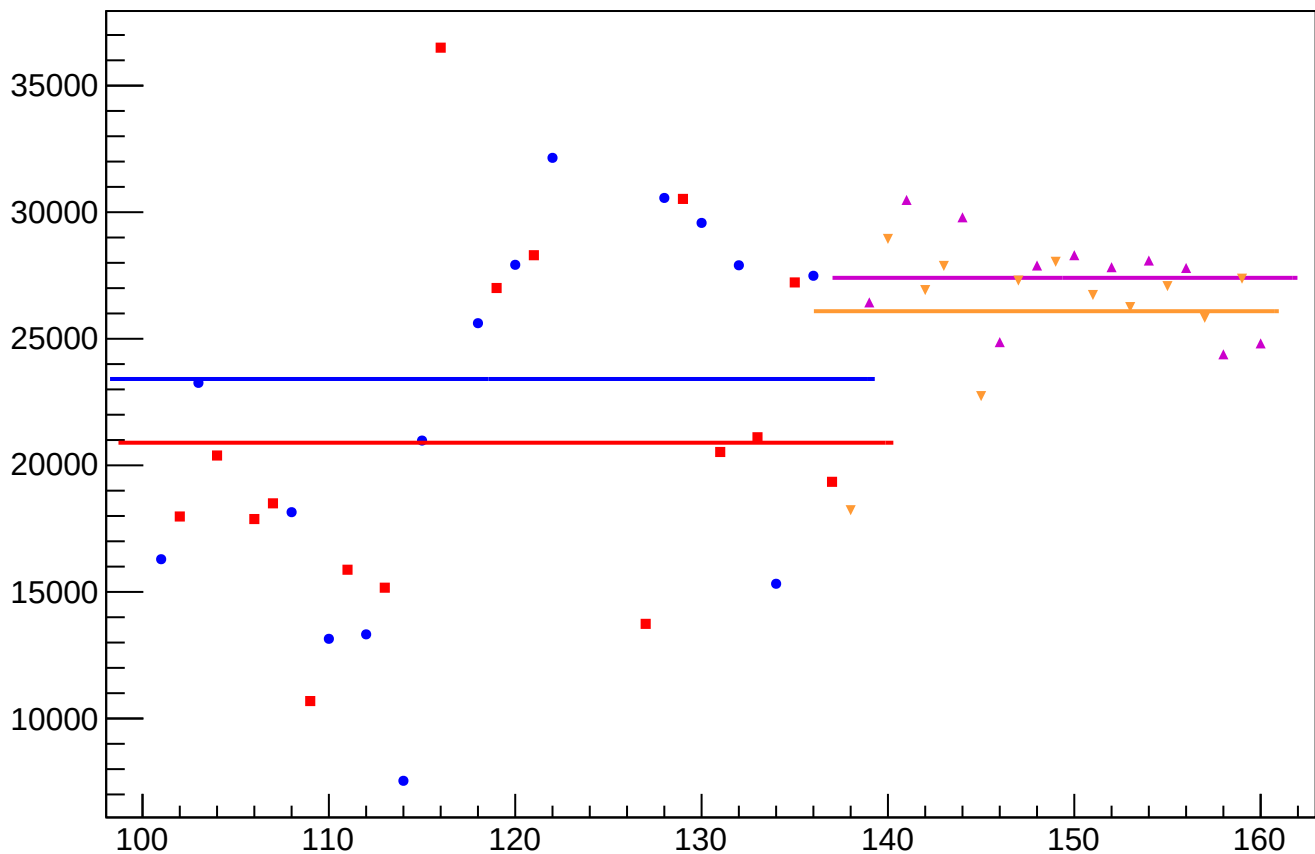
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

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

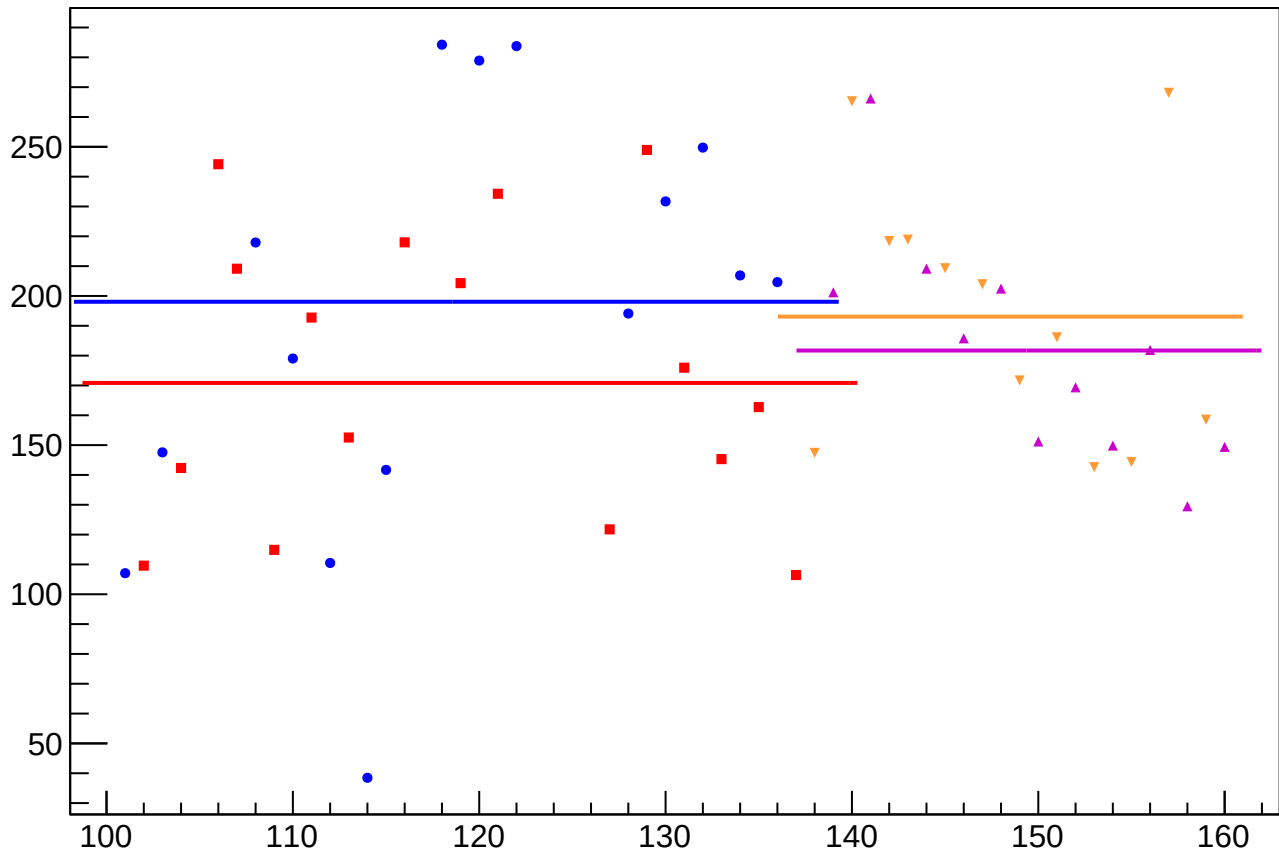
dit_sam5_coil4_mean vs Slug



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

+ sign 24977.486+/-0.000 χ^2/NDF : 3844656677924
 All: 24825.775+/-0.000 χ^2/NDF : 8568215489
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

dit_sam5_coil4_err_mean vs Slug



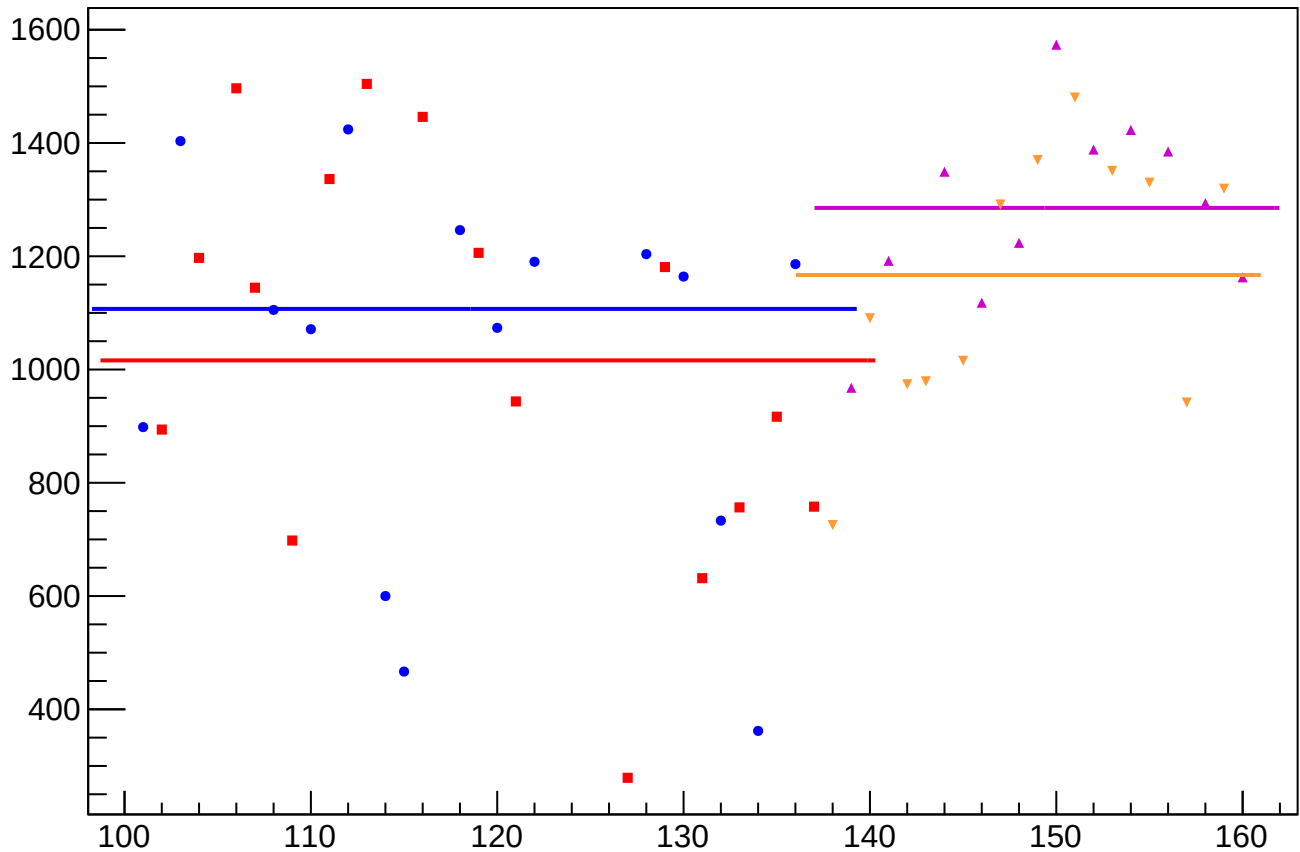
Right In: 198.056 +/- 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 193.084 +/- 0.000 χ^2/NDF : 1682749705439949881122511912389574656.0/11

Right Out: 170.851 +/- 0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

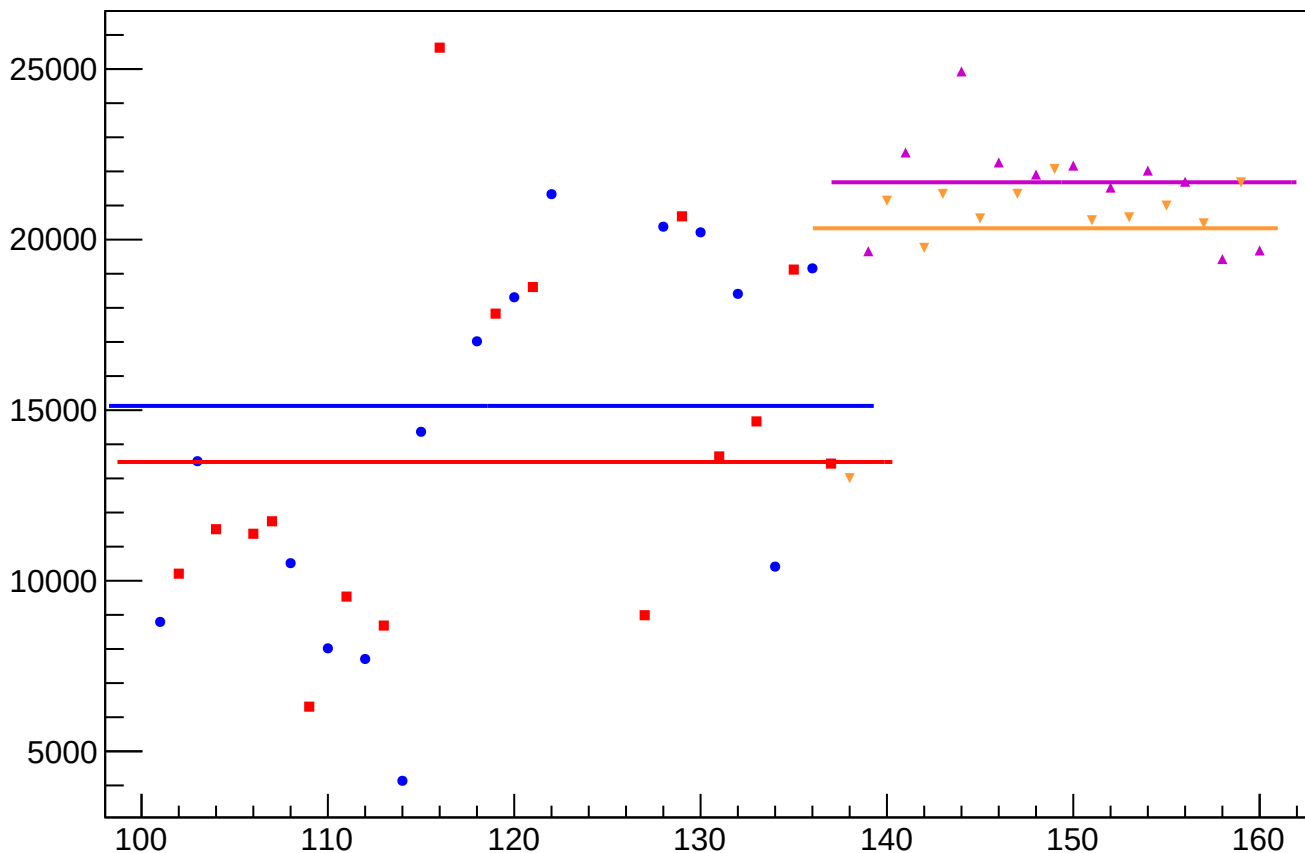
Left In: 181.711 +/- 0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

dit_sam5_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

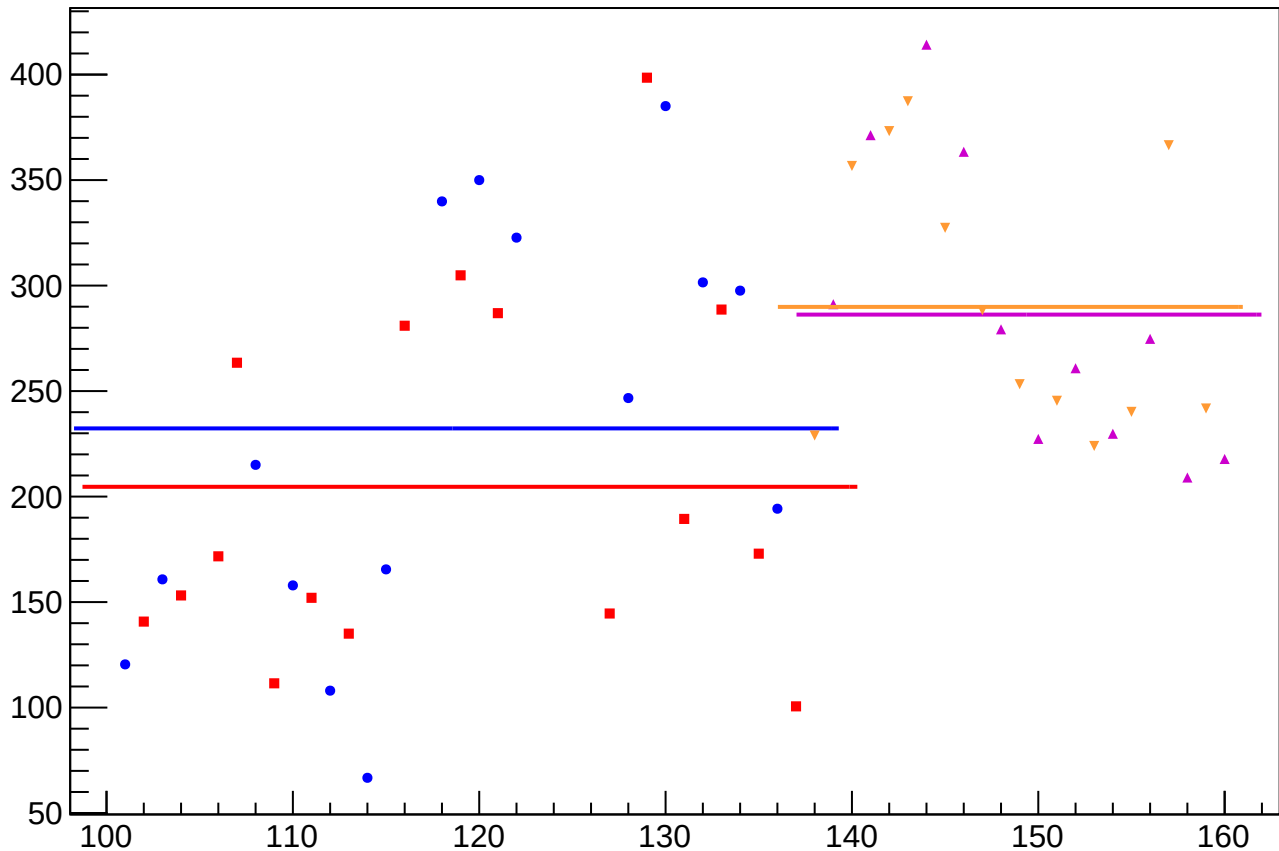
dit_sam6_coil4_mean vs Slug



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

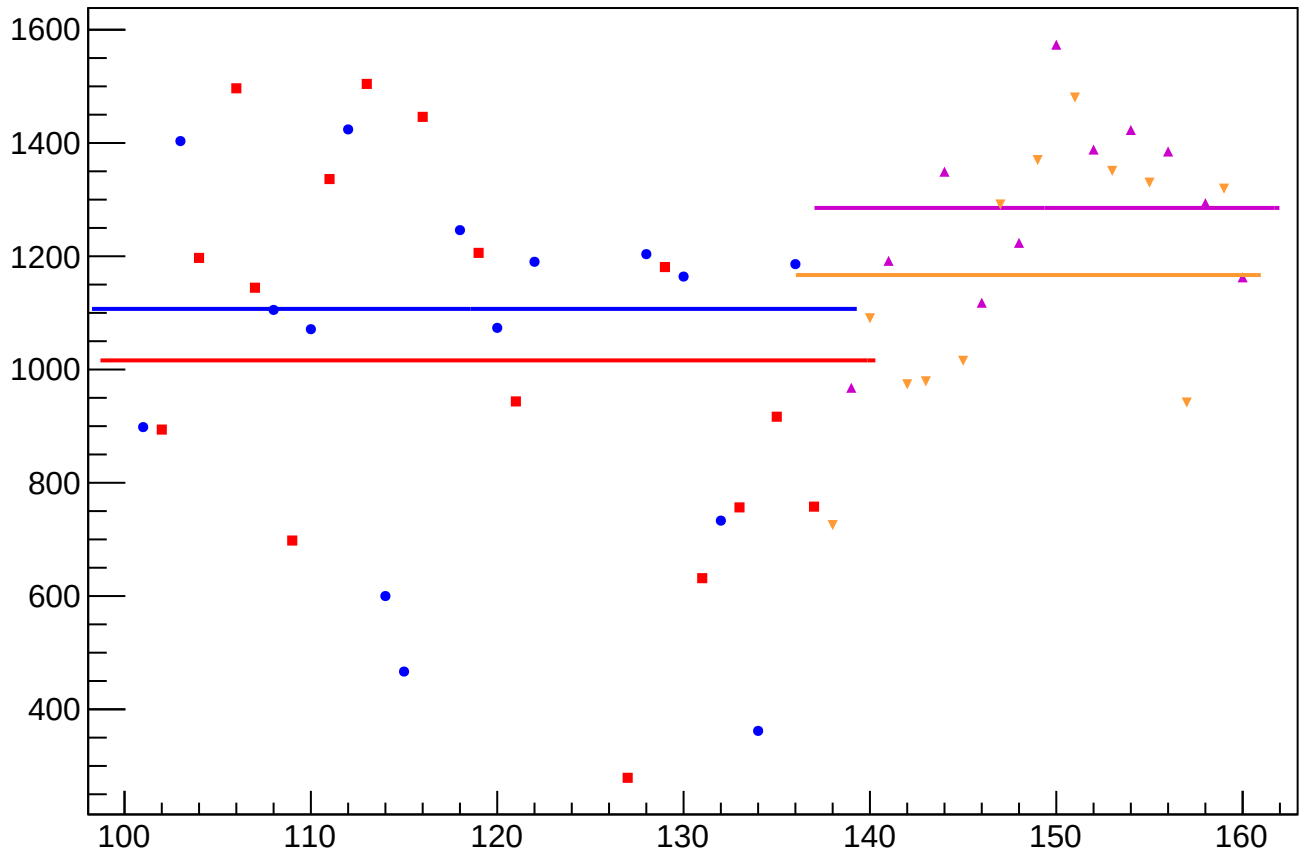
+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

dit_sam6_coil4_err_mean vs Slug



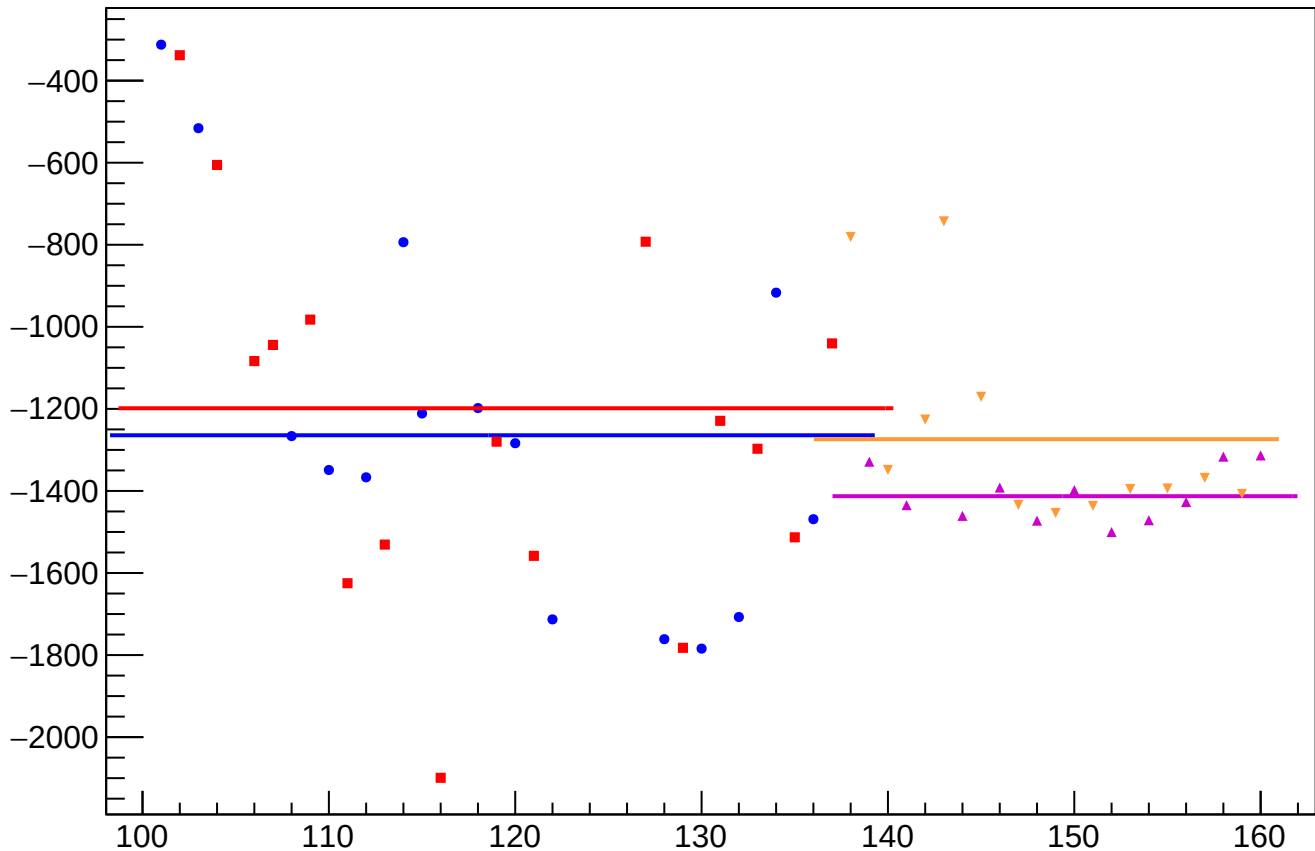
Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14
 Left Out: 289.897+/-0.000 χ^2/NDF : 3202390993231935504147250998086205440.0/11
 Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15
 Left In: 286.246+/-0.000 χ^2/NDF : 4067110443230234744644750983181631488.0/10

dit_sam6_coil4_Ndata_mean vs Slug



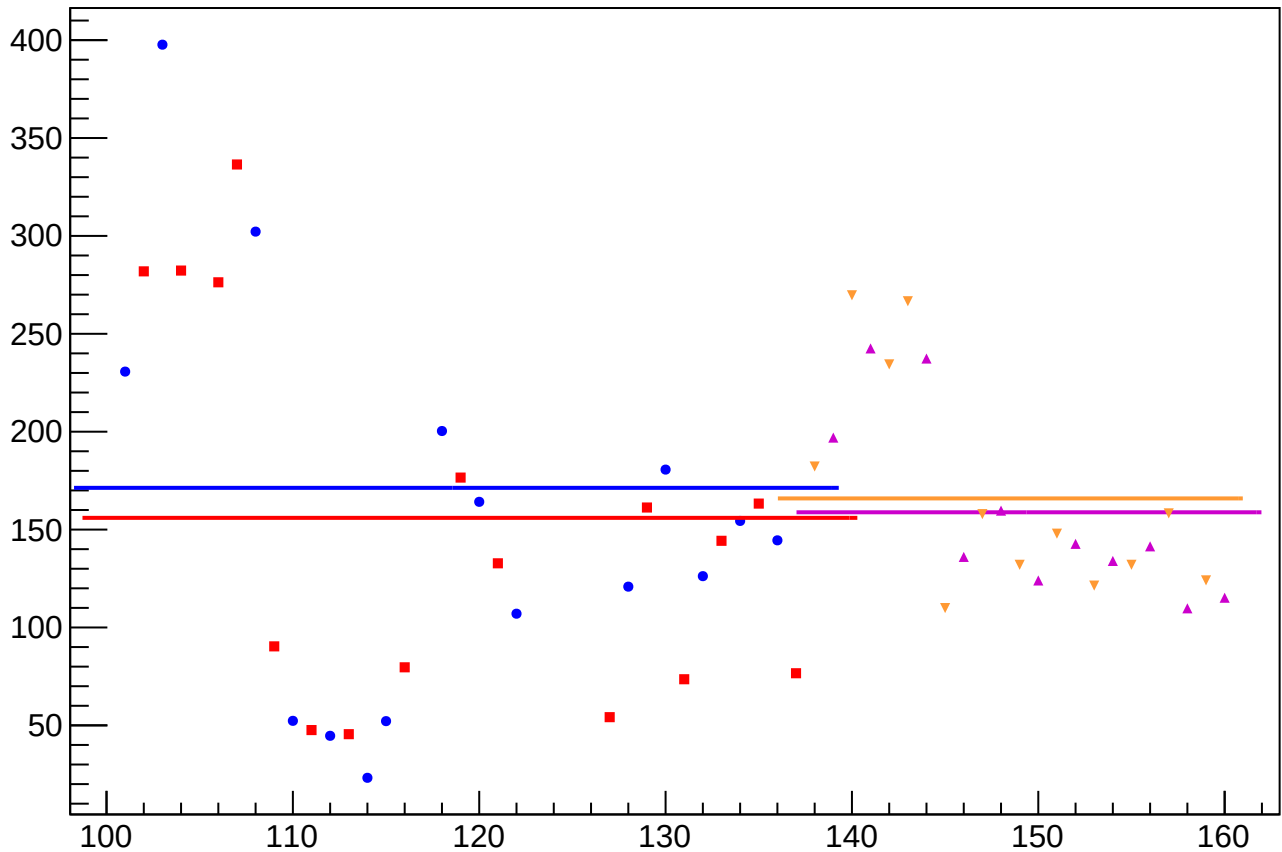
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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



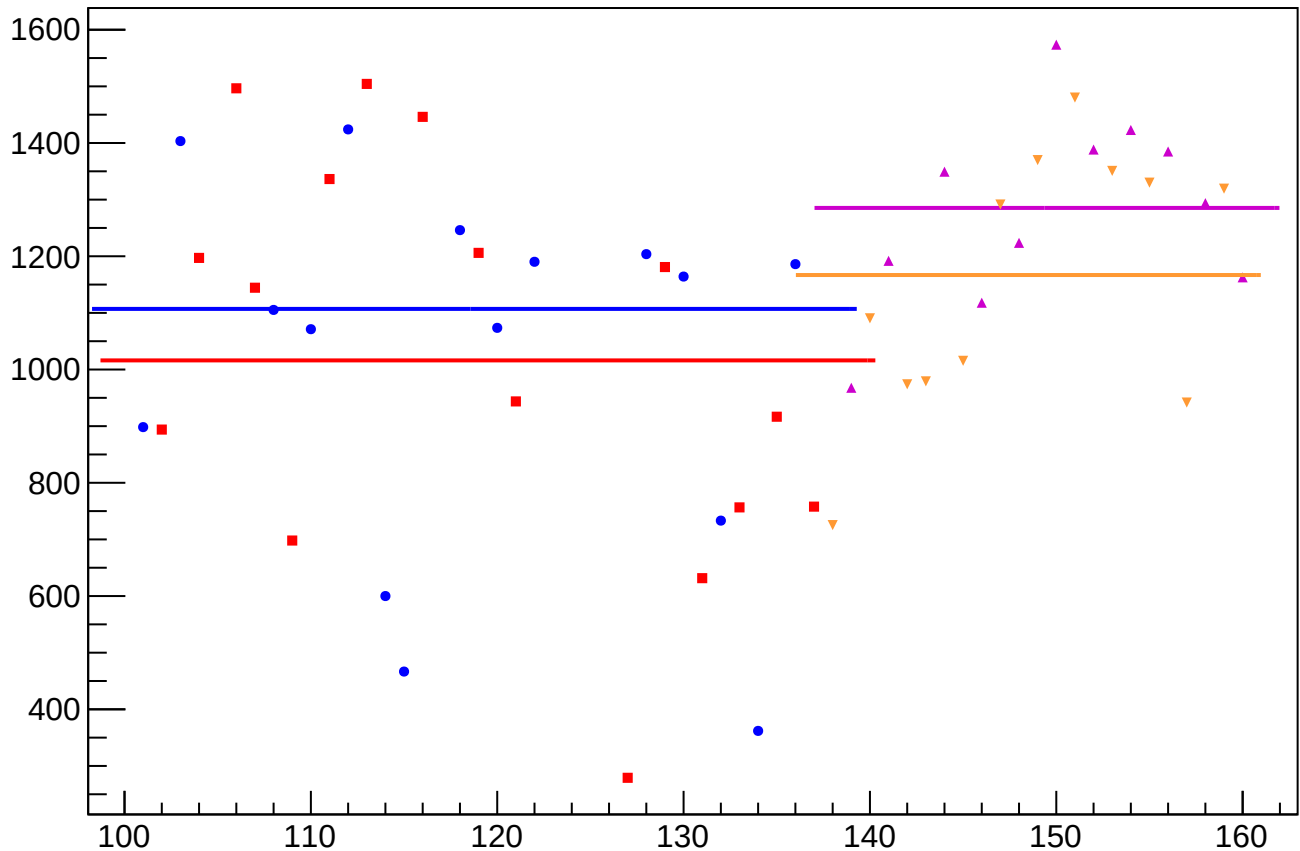
Right In: -1264.303 ± 0.000 $\chi^2/\text{NDF}: 140215251538502657549173994543931981824.0/14$
 Left Out: -1273.912 ± 0.000 $\chi^2/\text{NDF}: 50517219487332482659121972372719009792.0/11$
 Right Out: -1198.483 ± 0.000 $\chi^2/\text{NDF}: 131164763898016793515492217696167133184.0/15$
 Left In: -1412.771 ± 0.000 $\chi^2/\text{NDF}: 3642959557366432228461510163957809152.0/10$

dit_sam7_coil4_err_mean vs Slug

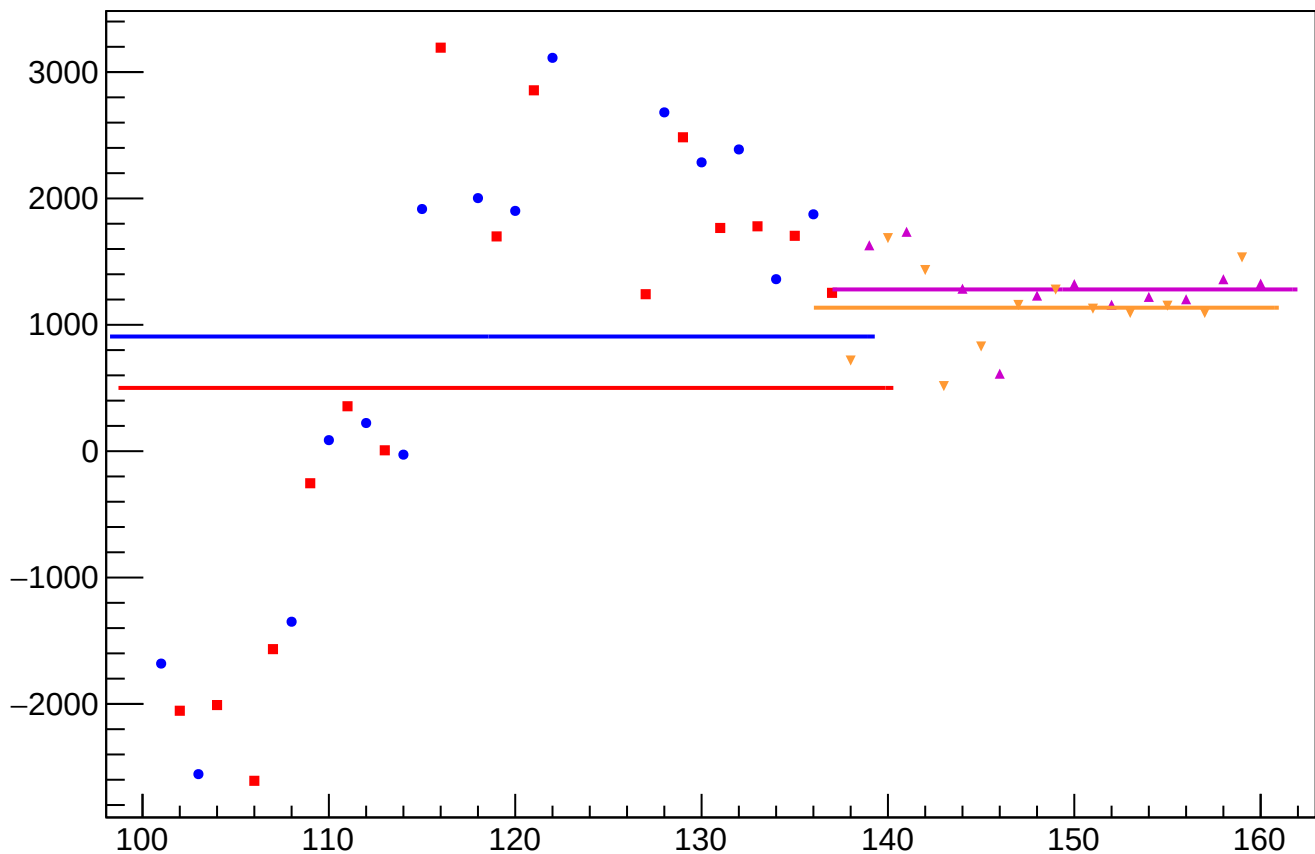


Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

dit_sam7_coil4_Ndata_mean vs Slug



dit_sam8_coil4_mean vs Slug



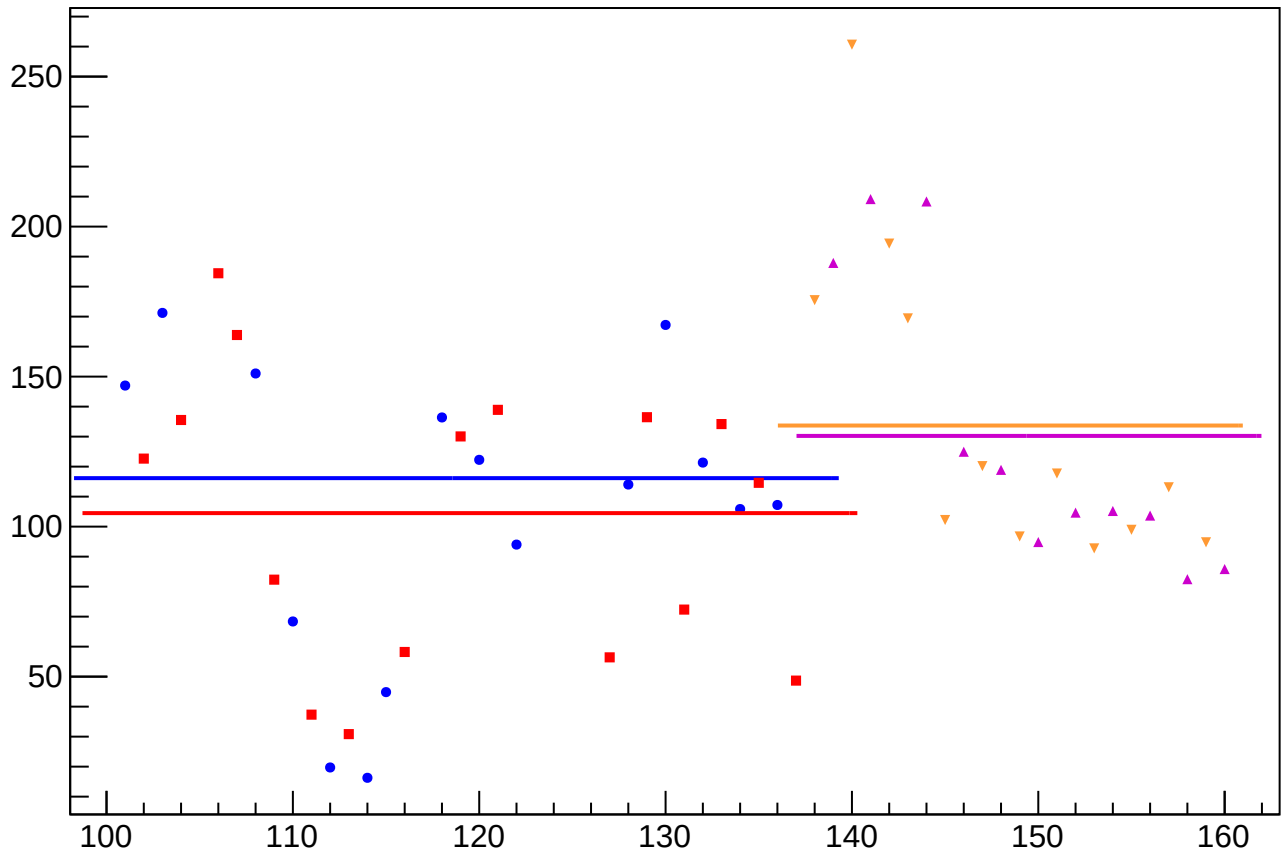
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ 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

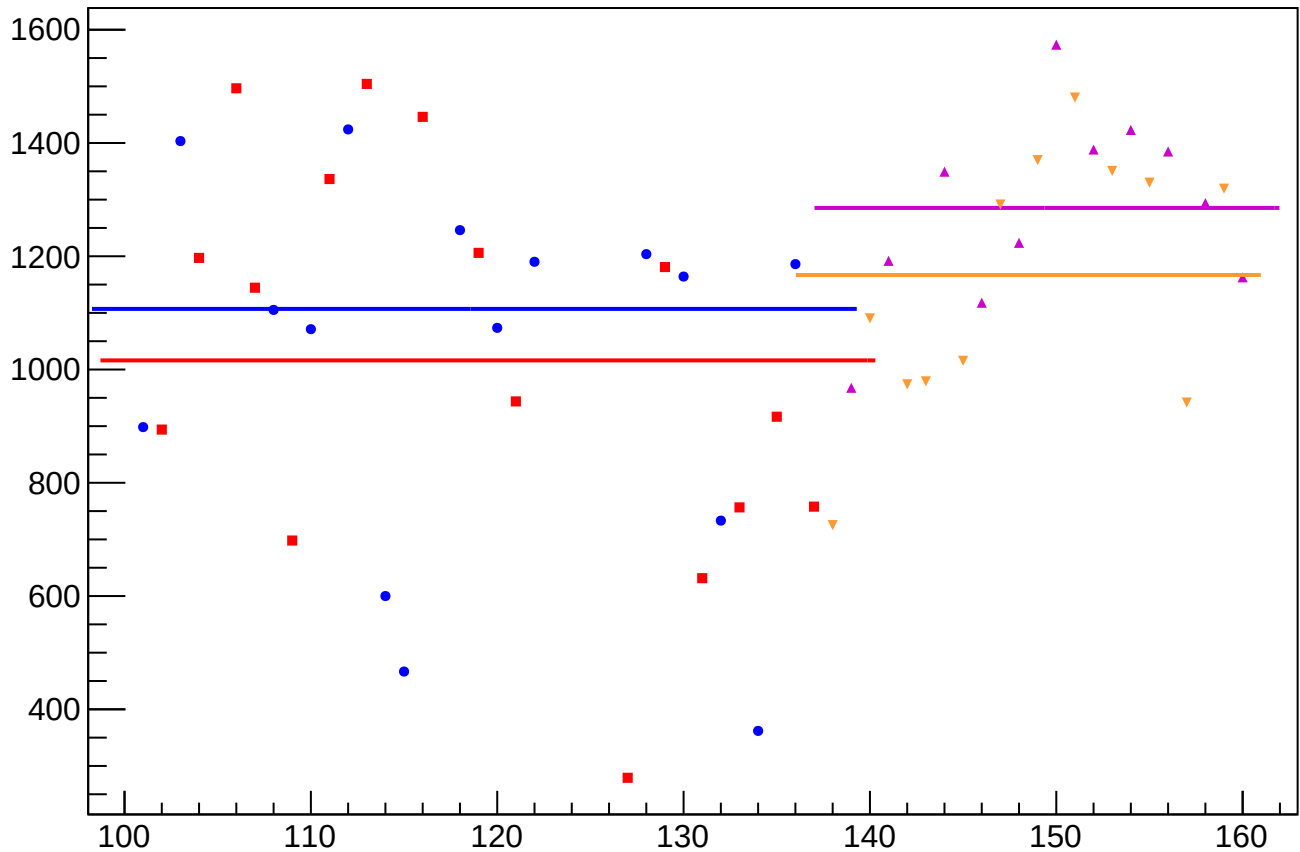
dit_sam8_coil4_err_mean vs Slug



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

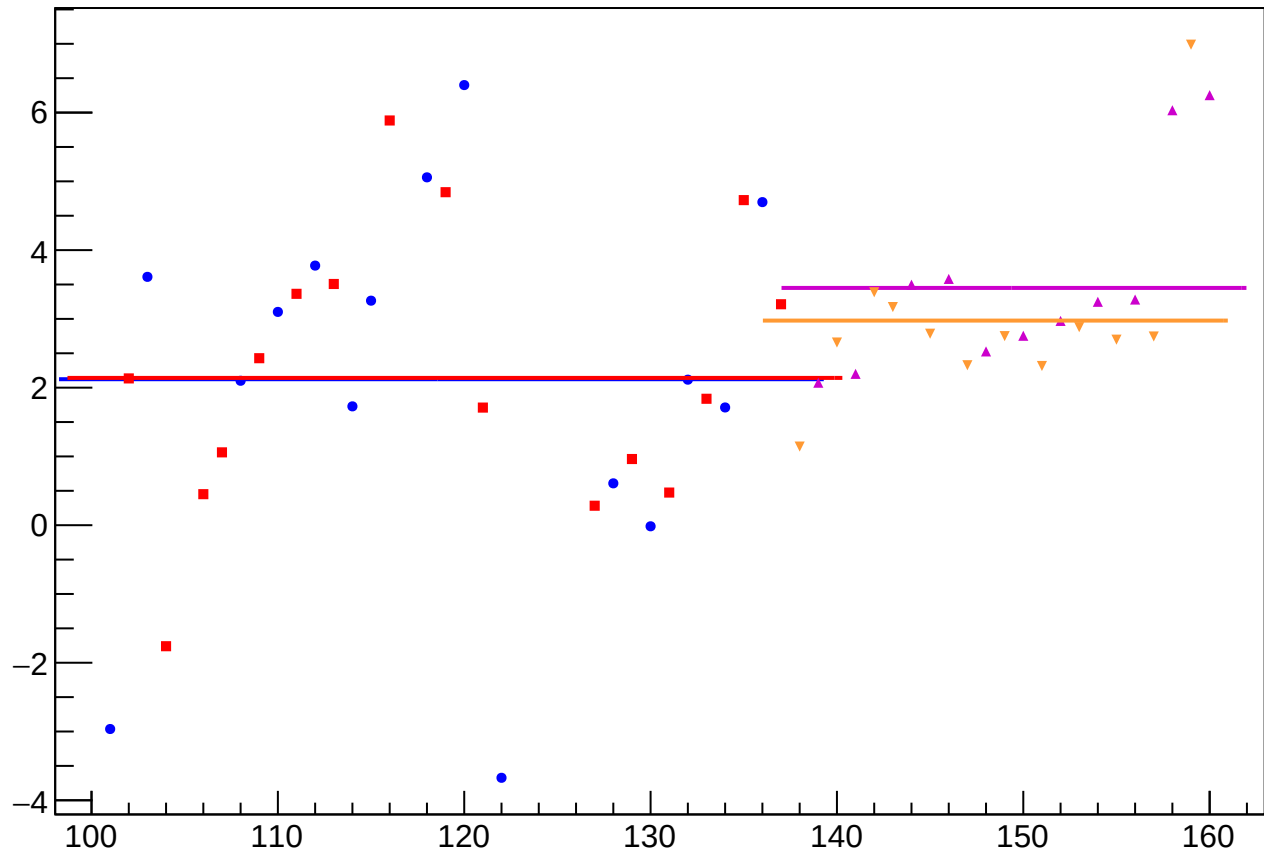
+ sign 126.414+/-0.000 χ^2/NDF : 364747445092715
 All: 122.900+/-0.000 χ^2/NDF : 71971163823
 - sign 119.447+/-0.000 χ^2/NDF : 351137486927292

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

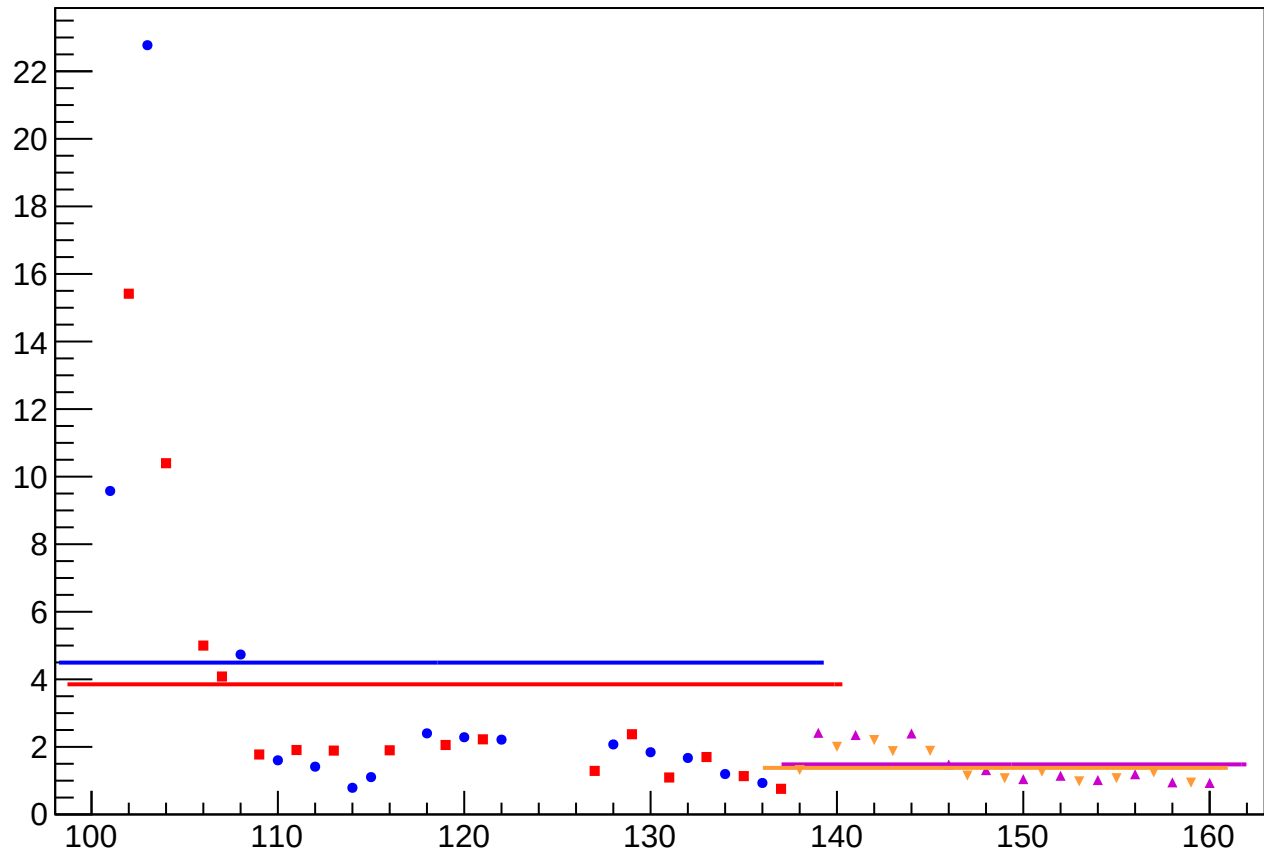
dit_4aX_coil6_mean vs Slug



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

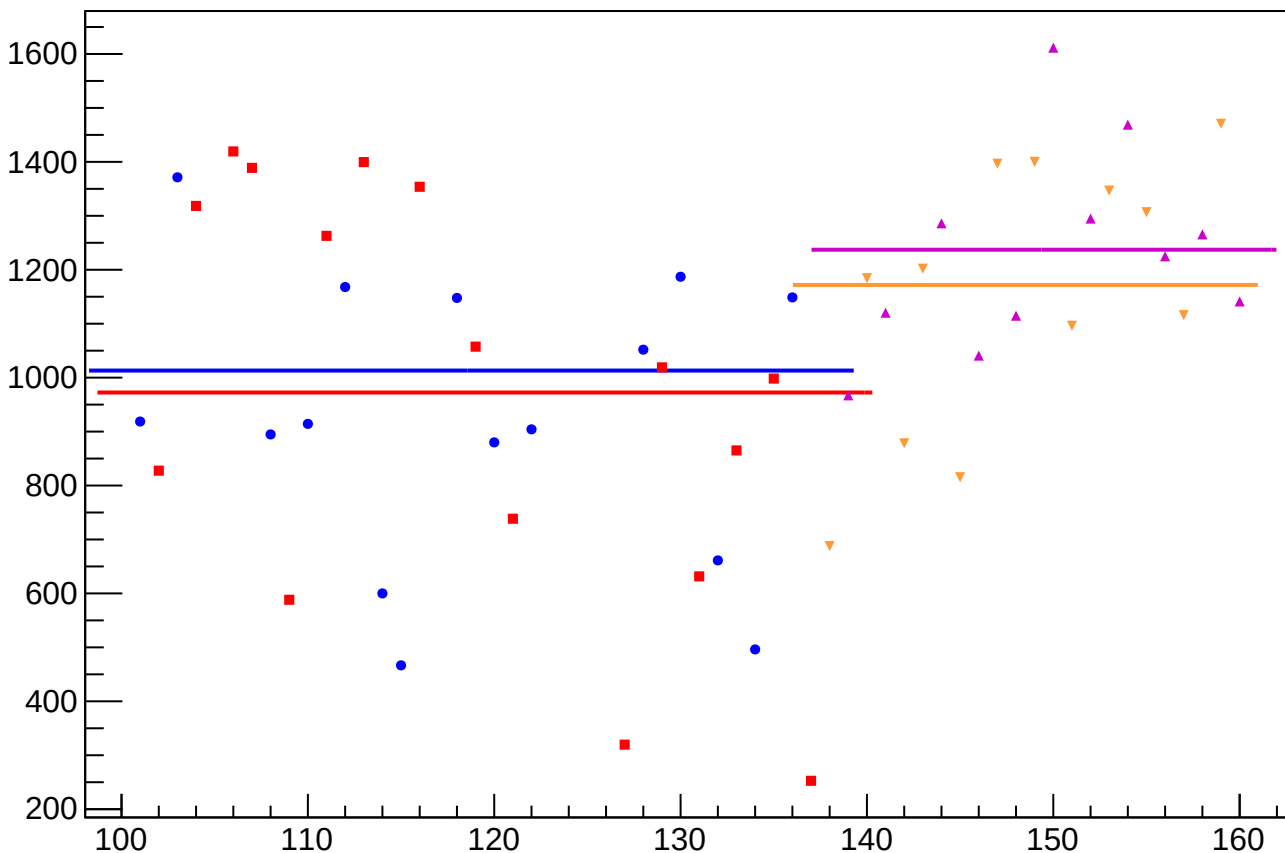
$+ \text{sign } 2.621 \pm 0.000 \quad \chi^2/\text{NDF}: 71926109698373780$
 $\text{All: } 2.763 \pm 0.000 \quad \chi^2/\text{NDF}: 11942737584809$
 $- \text{sign } 2.902 \pm 0.000 \quad \chi^2/\text{NDF}: 46881653143346508$

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14
 Left Out: 1.379 $\pm$ 0.000 χ^2 /NDF: 150384329501224226849656085151744.0/11
 Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15
 Left In: 1.482 $\pm$ 0.000 χ^2 /NDF: 310337710475779495774509405831168.0/10
 All: 2.573 $\pm$ 0.000 χ^2 /NDF: 43938576112447.0/10
 + sign 2.673 $\pm$ 0.000 χ^2 /NDF: 29105436808146683.0/10
 - sign 2.476 $\pm$ 0.000 χ^2 /NDF: 14802405912641910.0/10

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

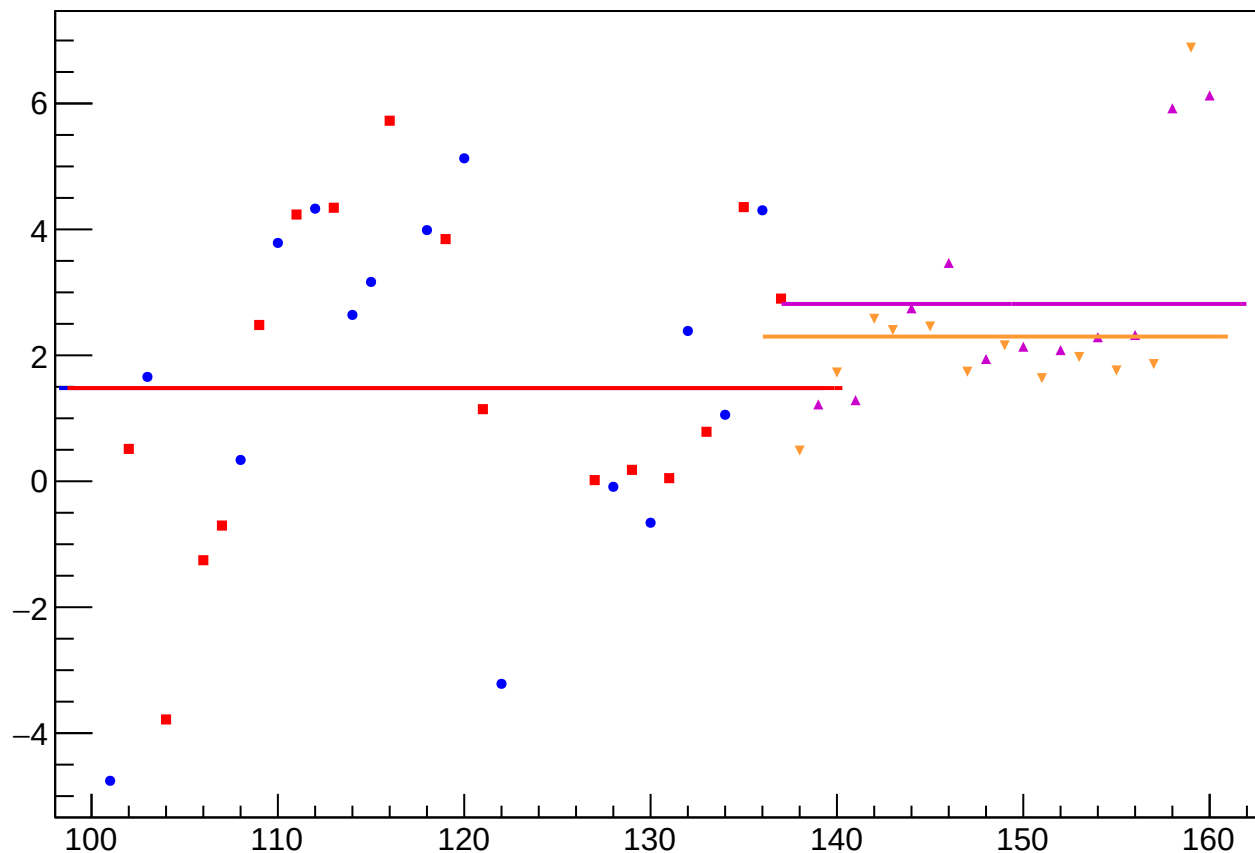
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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



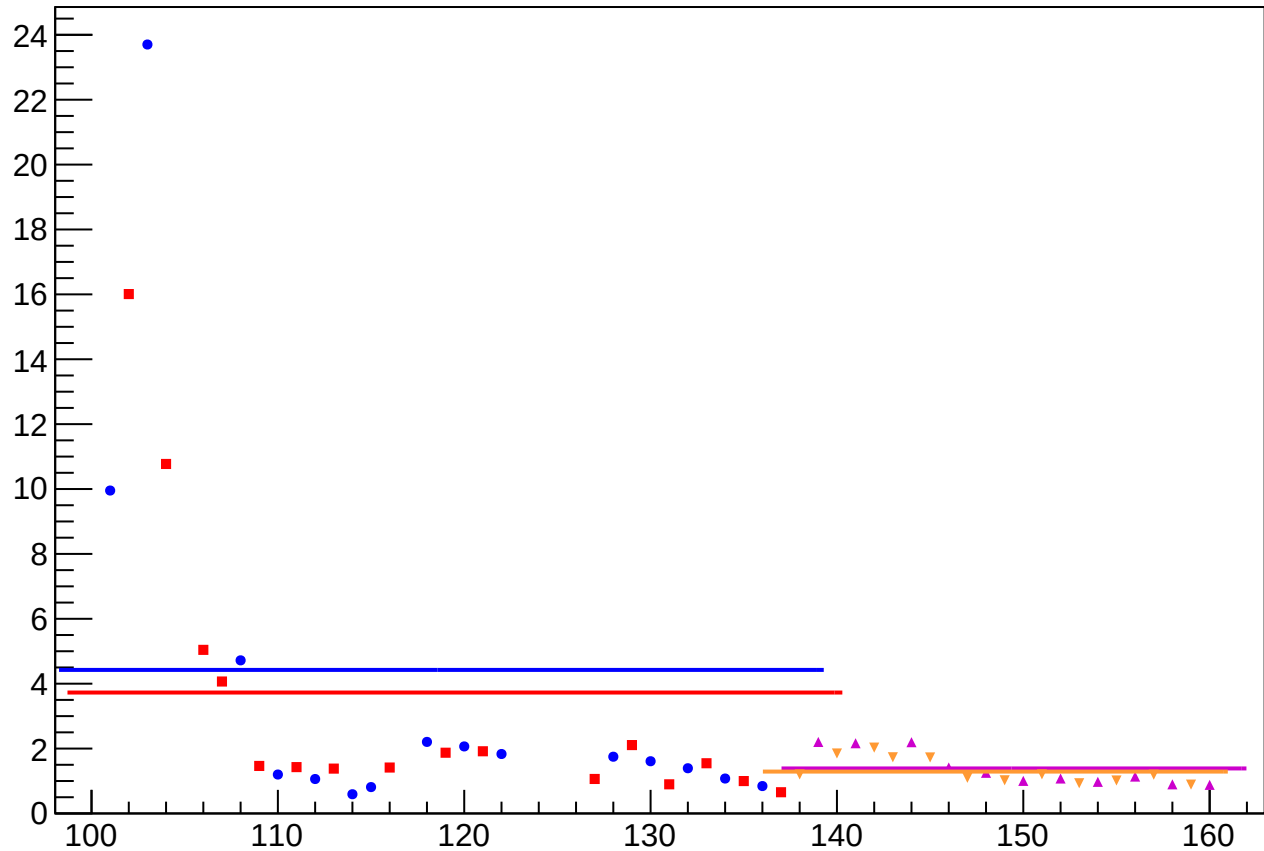
Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 2.298+/-0.000 χ^2/NDF : 2079870991739780462593334803693568.0/11

Right Out: 1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15

Left In: 2.816+/-0.000 χ^2/NDF : 2230790234579581781884760219451392.0/10

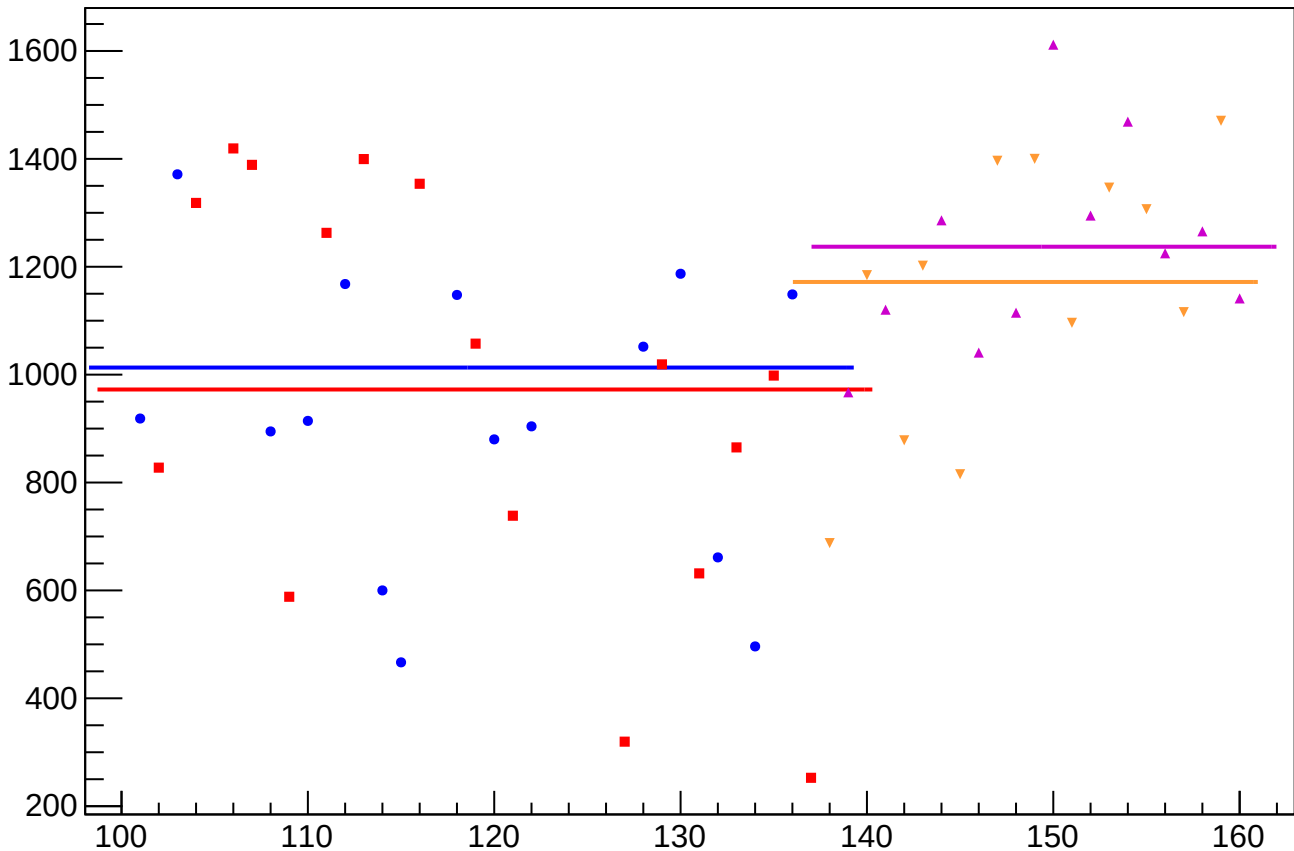
dit_4eX_coil6_err_mean vs Slug



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

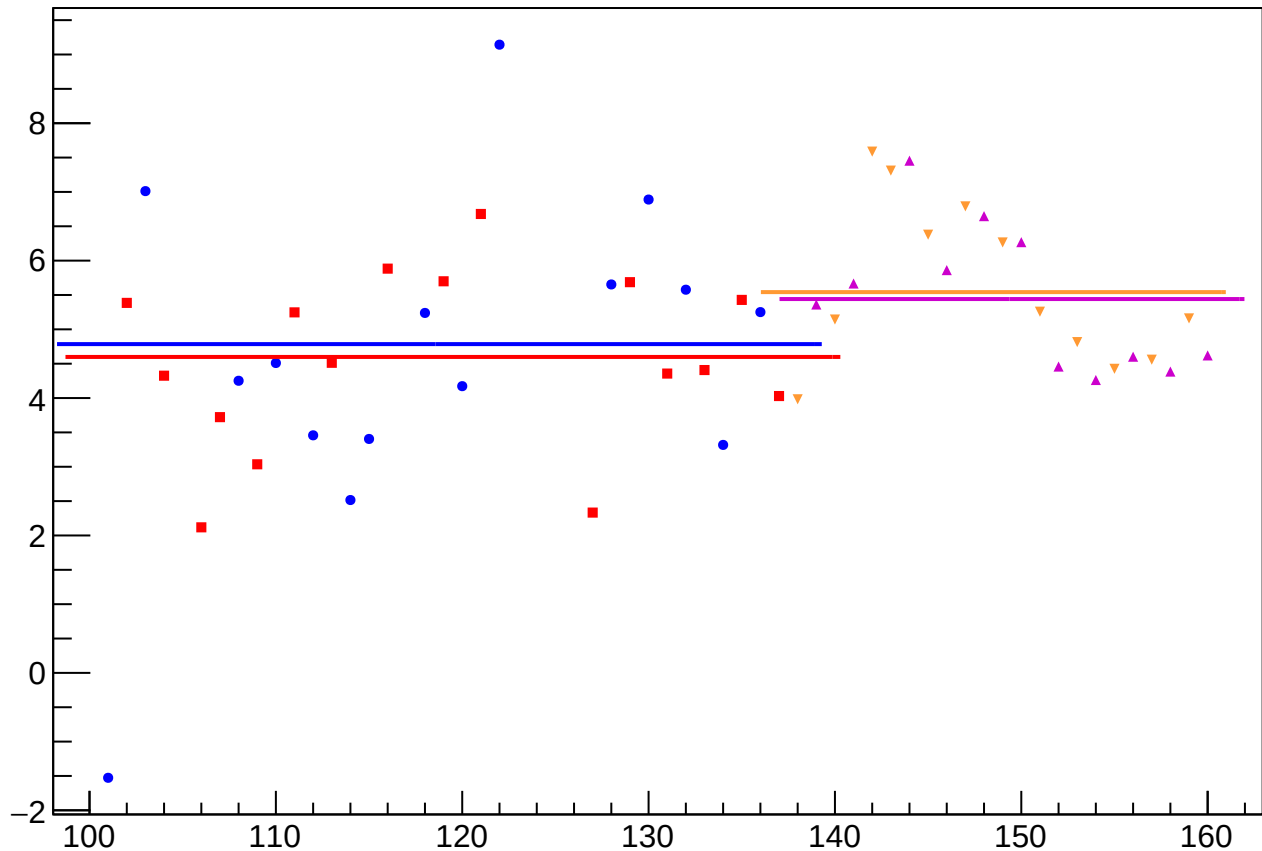
+ sign 2.592+/-0.000 χ^2/NDF : 32103516119977359
 All: 2.479+/-0.000 χ^2/NDF : 48501017381547
 - sign 2.368+/-0.000 χ^2/NDF : 16358007863357496

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

dit_11X12X_coil6_mean vs Slug



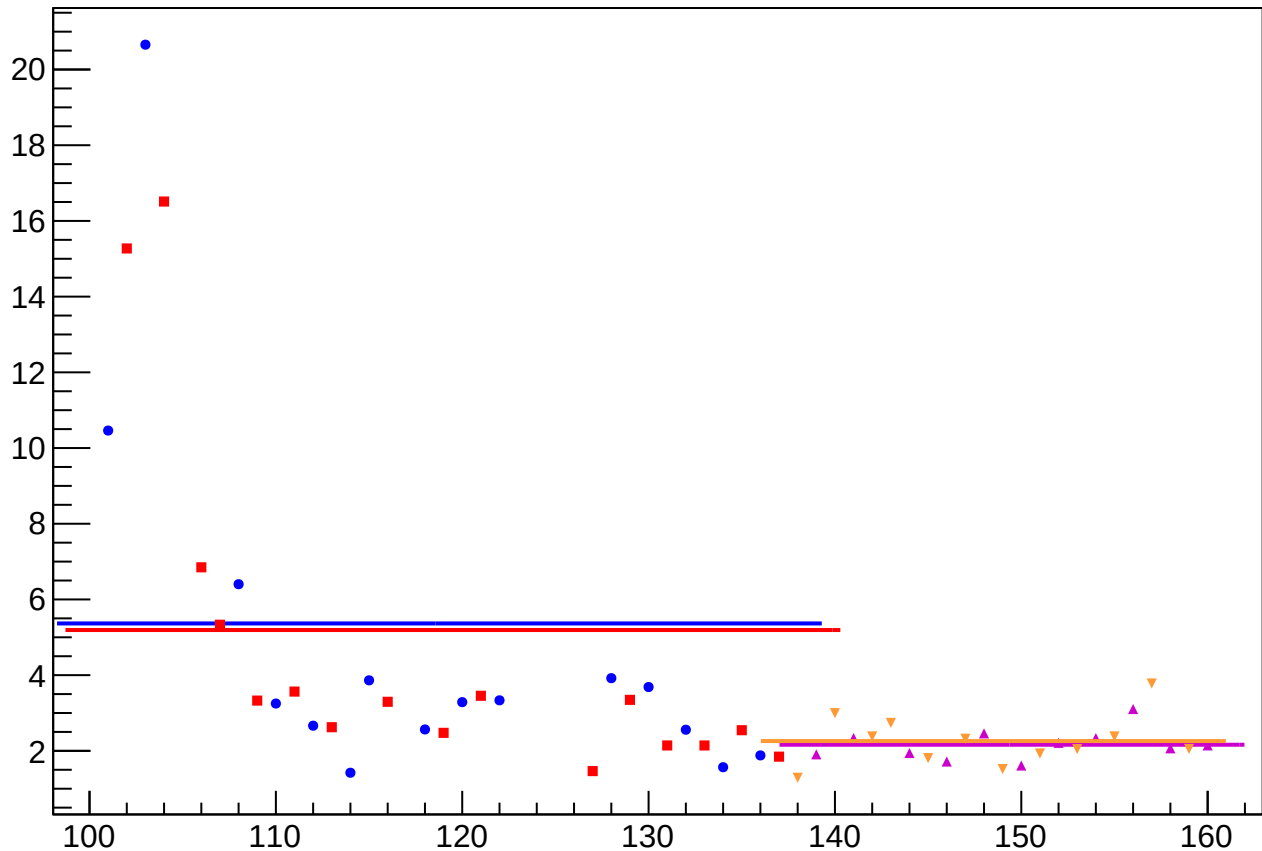
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

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

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

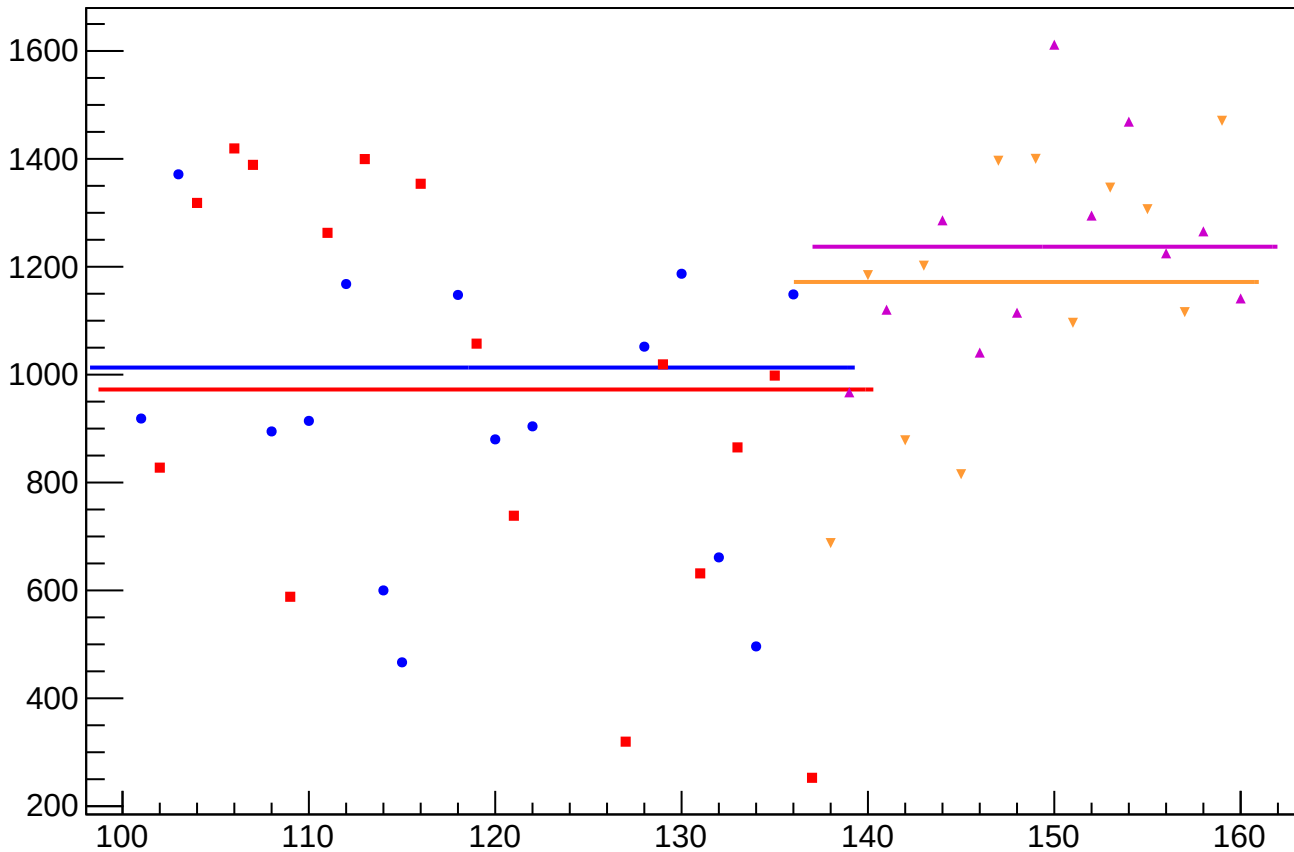
Left In: 2.162 $\pm$ 0.000 χ^2 /NDF: 138367938839103248546751049629696.0/10

+ 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

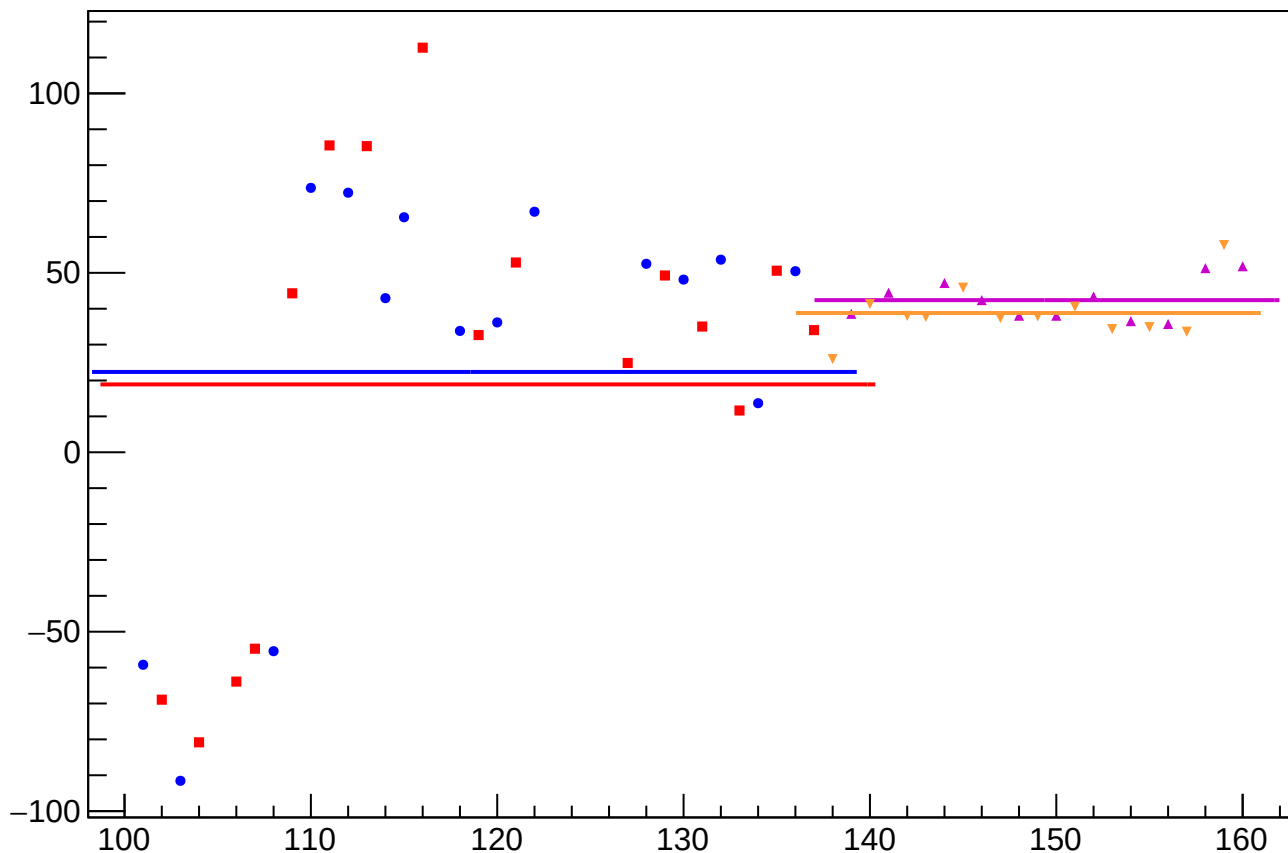
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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 $\pm$ 0.000 χ^2 /NDF: 1922260860023592637794094183323009024.0/14

Left Out: 38.806 $\pm$ 0.000 χ^2 /NDF: 51649905292188588204172531766132736.0/11

Right Out: 18.907 $\pm$ 0.000 χ^2 /NDF: 2182221808408156293593993992757837824.0/15

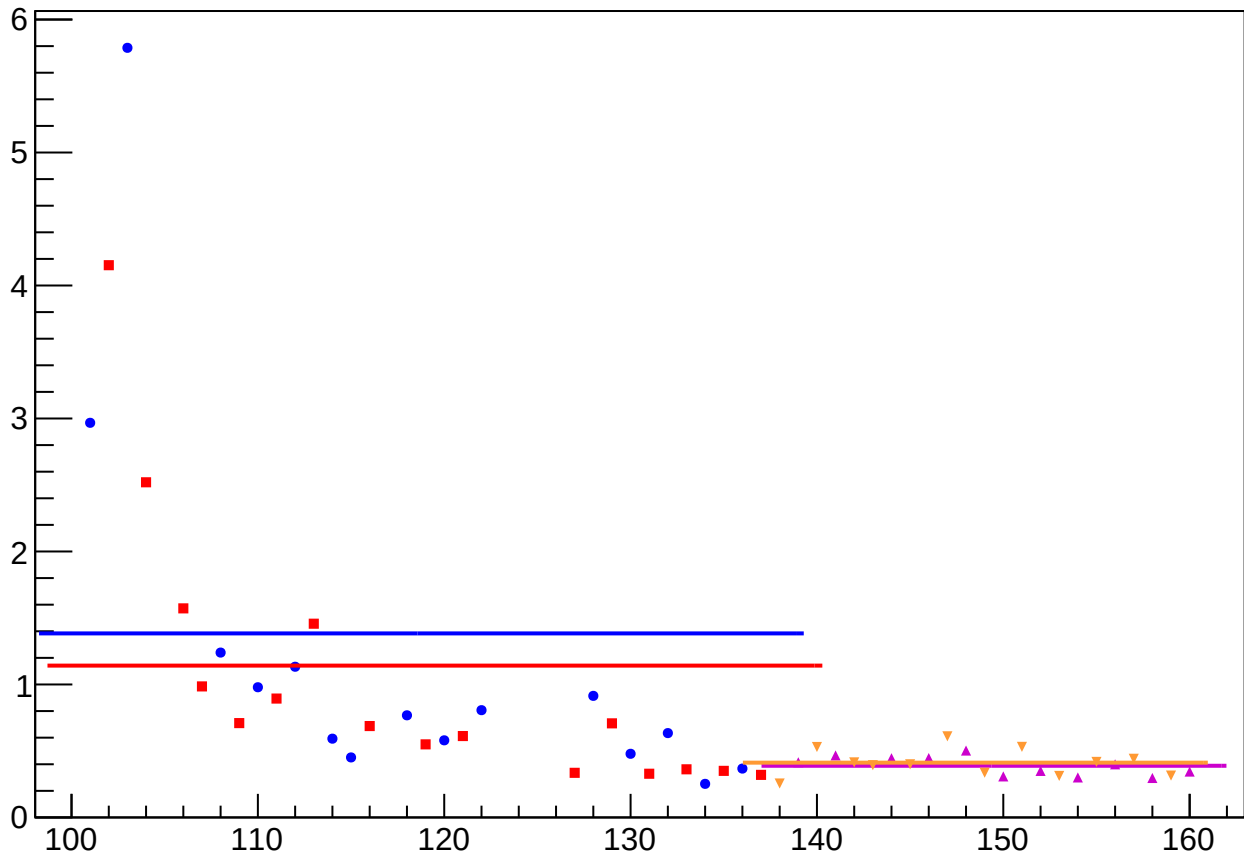
Left In: 42.386 $\pm$ 0.000 χ^2 /NDF: 26555660128562986553016927486214144.0/10

+ sign 31.987 $\pm$ 0.000 χ^2 /NDF: 2076251683338392

All: 32.268 $\pm$ 0.000 χ^2 /NDF: 4498818256205

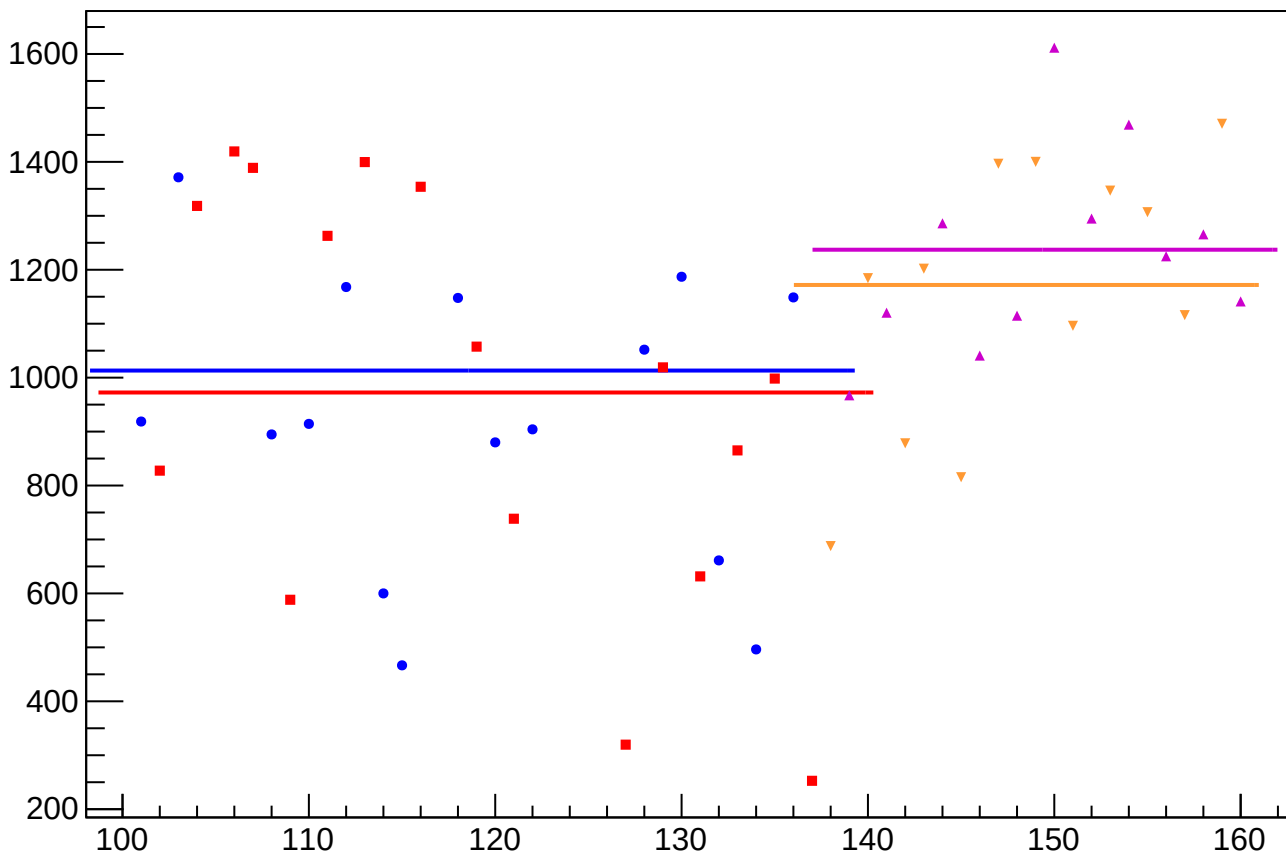
- sign 32.543 $\pm$ 0.000 χ^2 /NDF: 2422323075583124

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

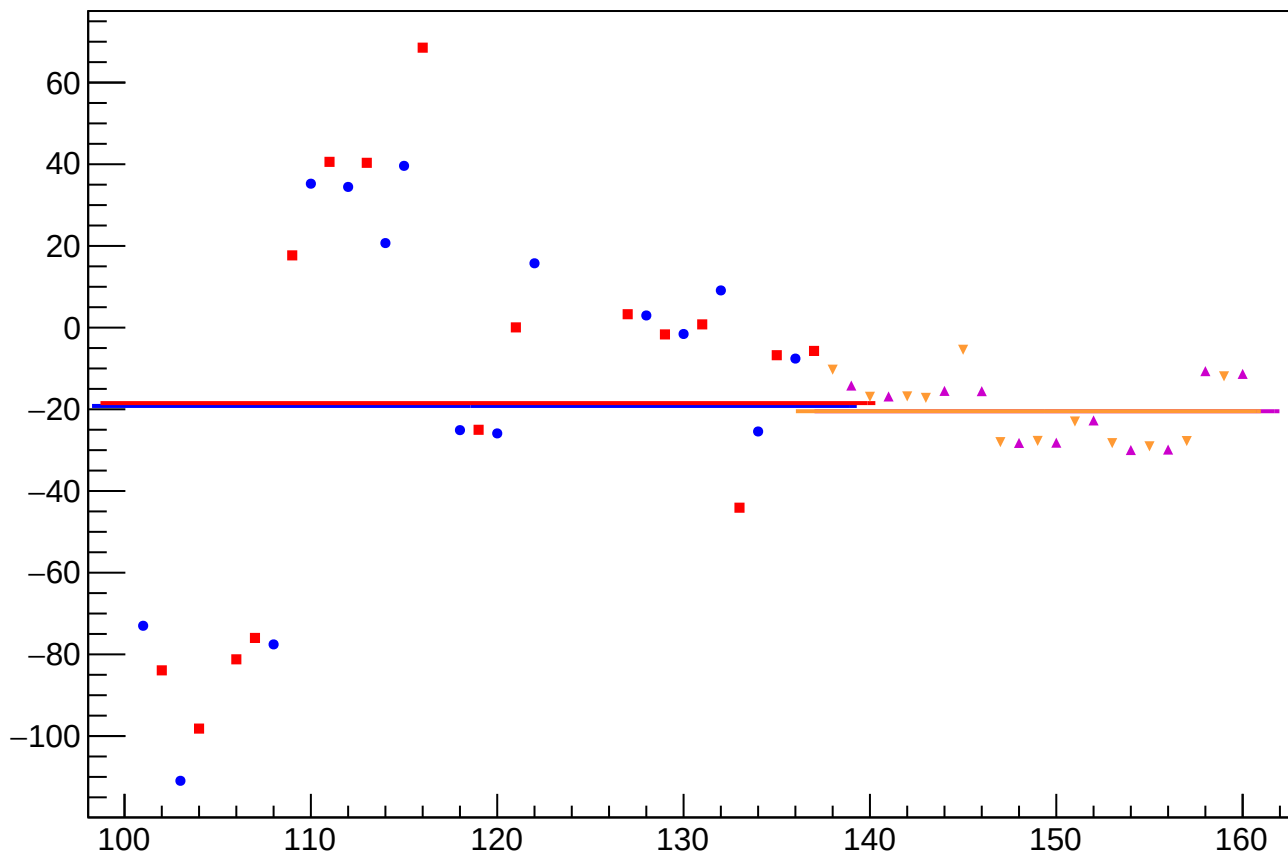
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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



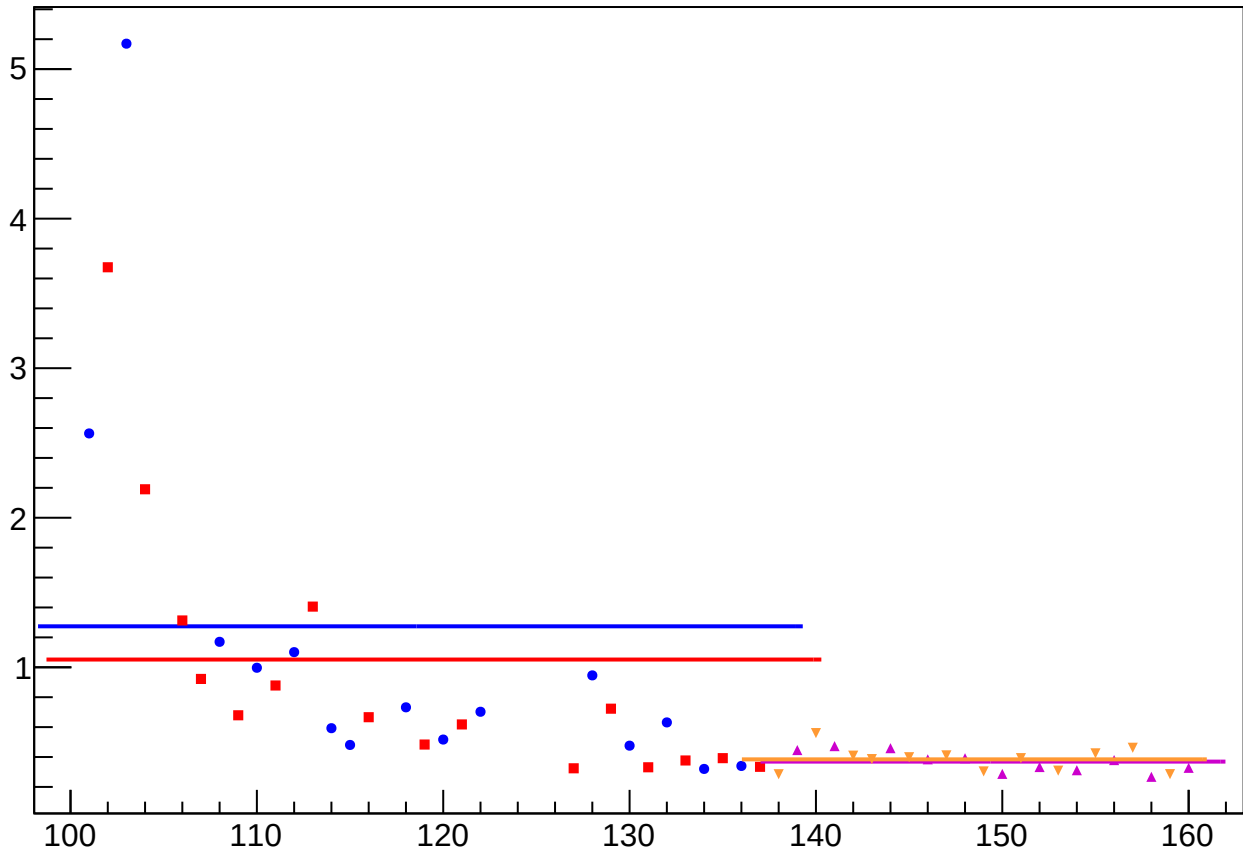
Right In: -19.175 ± 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -20.466 ± 0.000 χ^2/NDF : 58628381923673457294433589512896512.0/11

Right Out: -18.479 ± 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

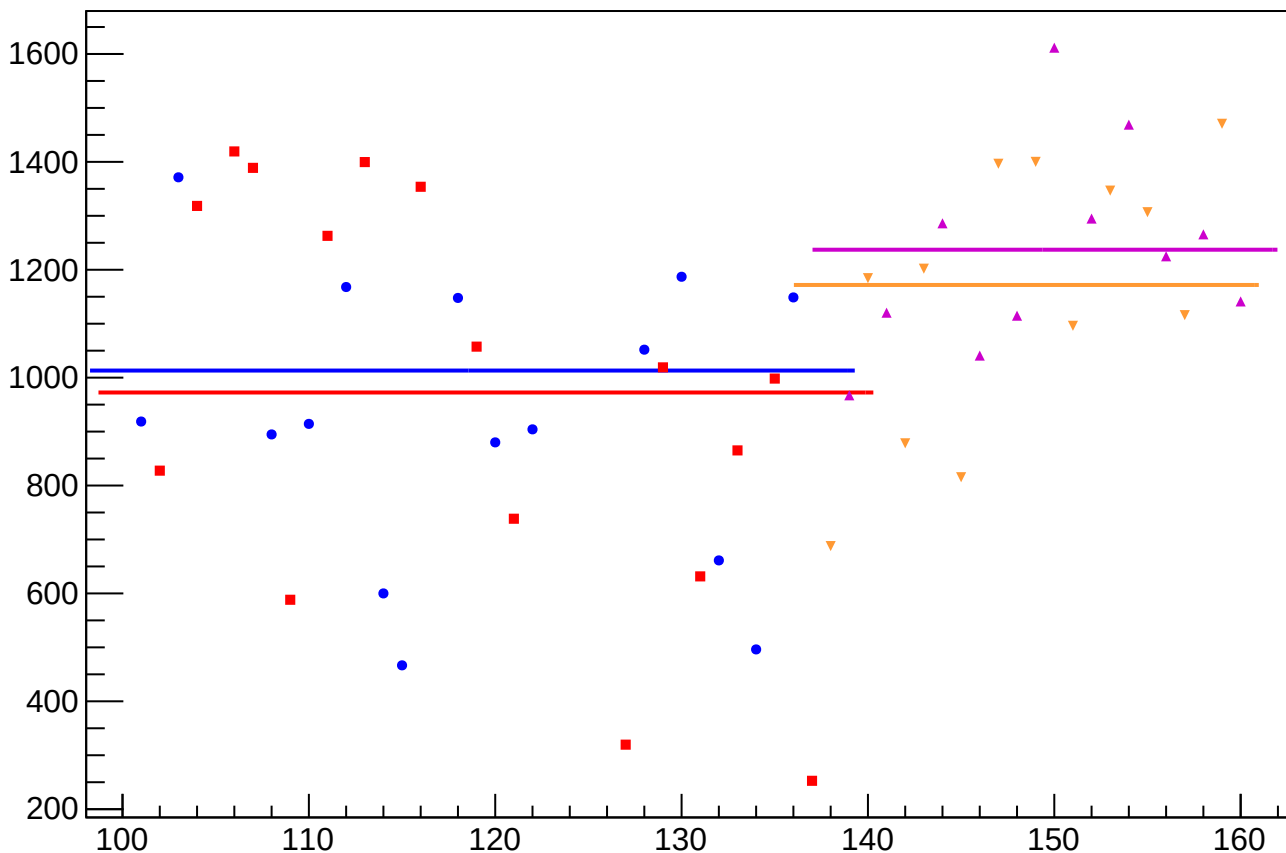
Left In: -20.473 ± 0.000 χ^2/NDF : 48484953363349820110348478937300992.0/10

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 $\pm$ 0.000 χ^2 /NDF: 1212041476631073599154045304438784.0/14
 Left Out: 0.384 $\pm$ 0.000 χ^2 /NDF: 5822322029078598268260129439744.0/11
 Right Out: 1.052 $\pm$ 0.000 χ^2 /NDF: 607316121057753919194559126962176.0/15
 Left In: 0.369 $\pm$ 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

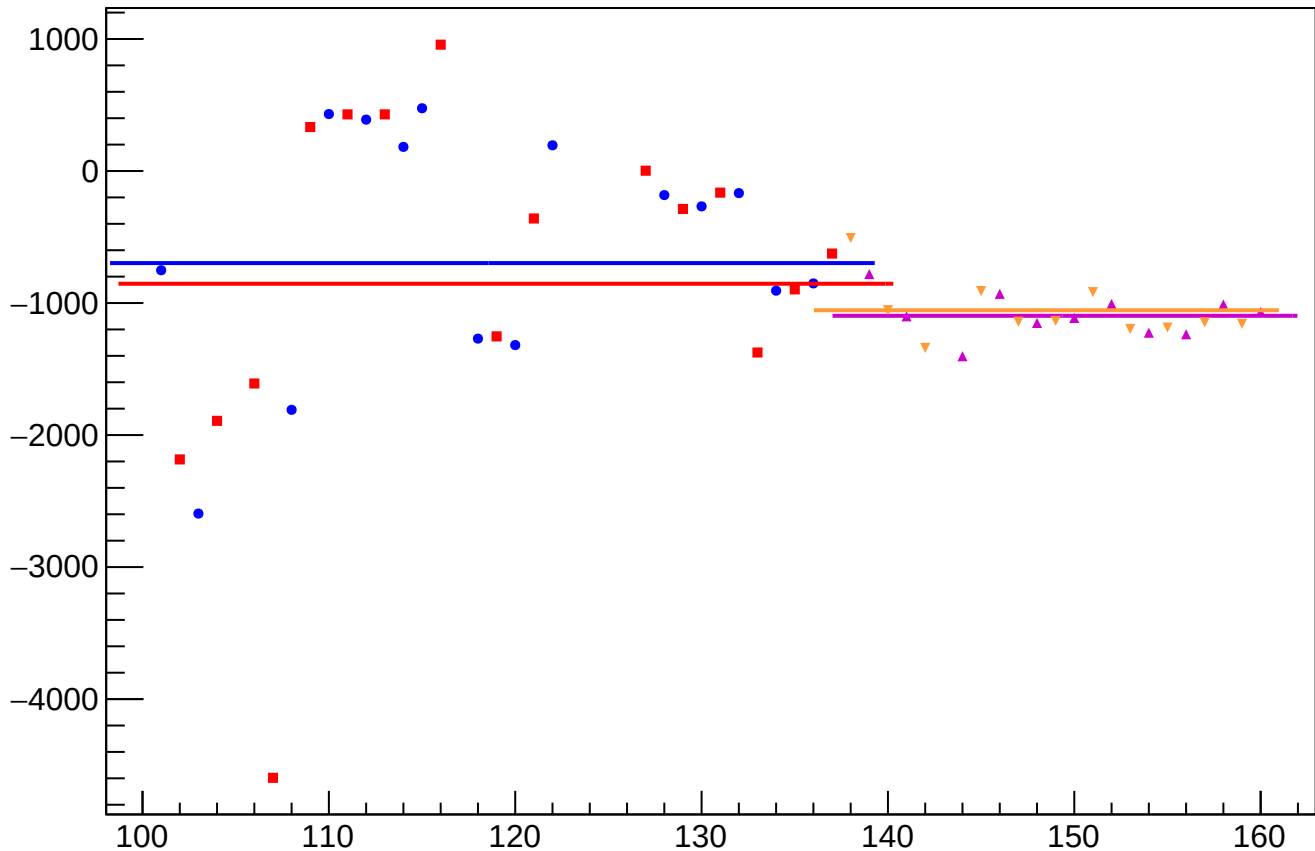
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

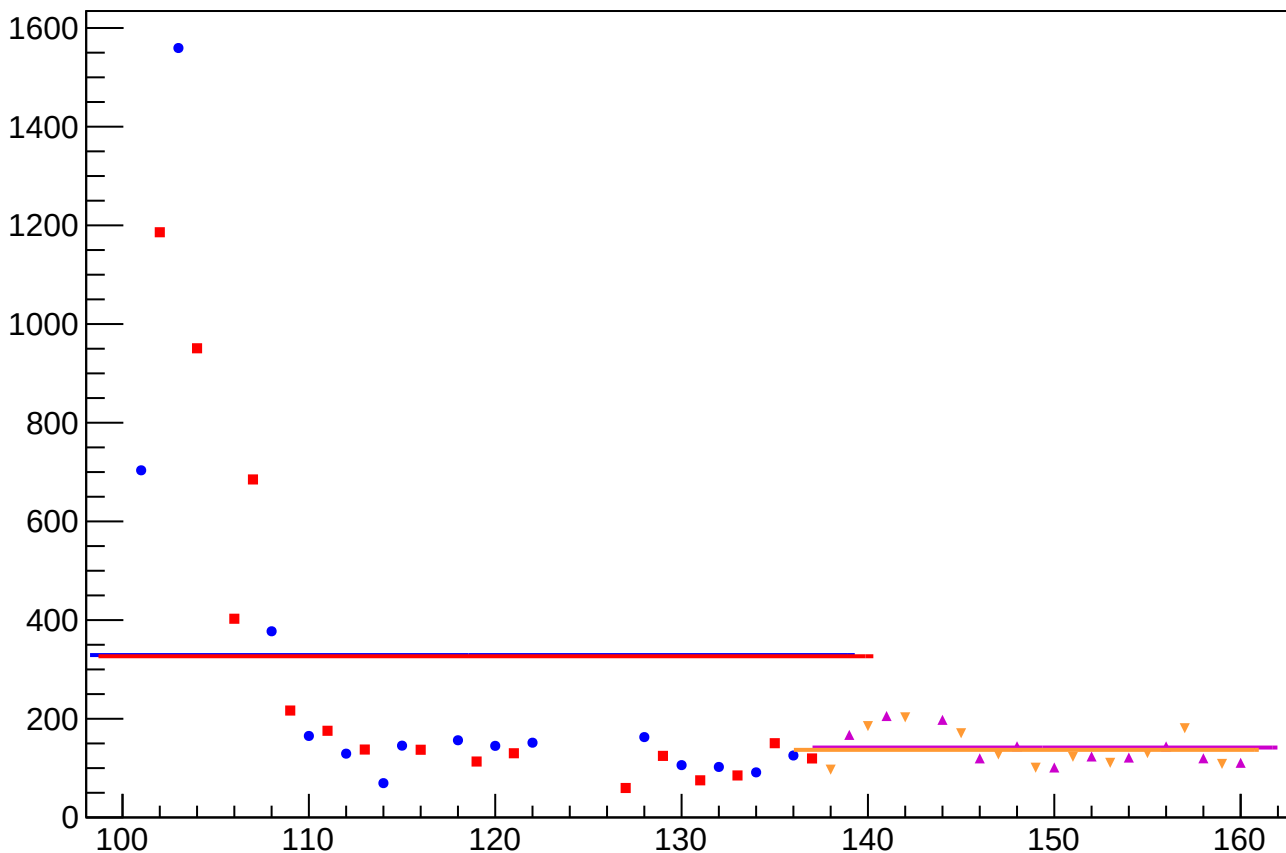
dit_usl_coil6_mean vs Slug



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

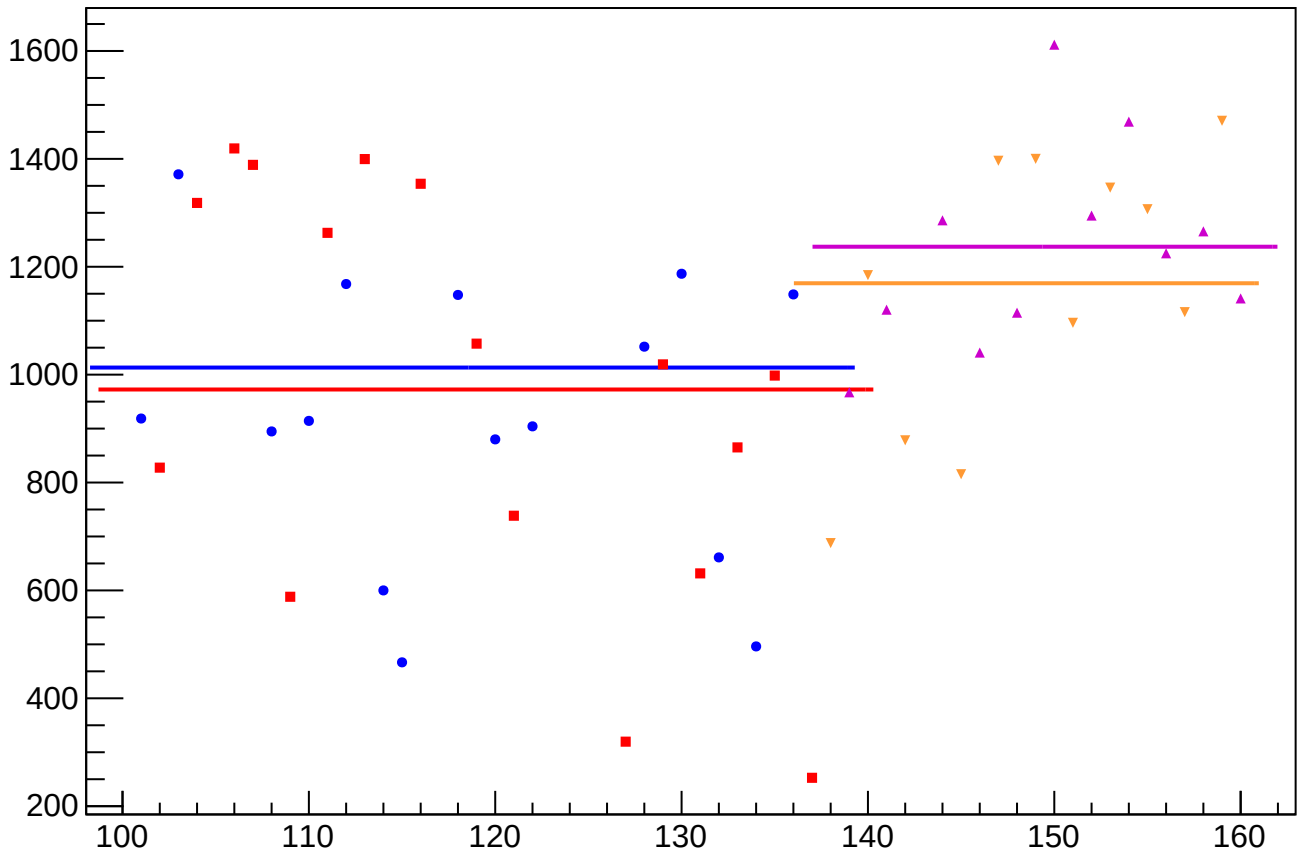
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ 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

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1169.420+/-0.000

χ^2/NDF : 52359058528484212152975817930553950208.0/10

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1237.150+/-0.000

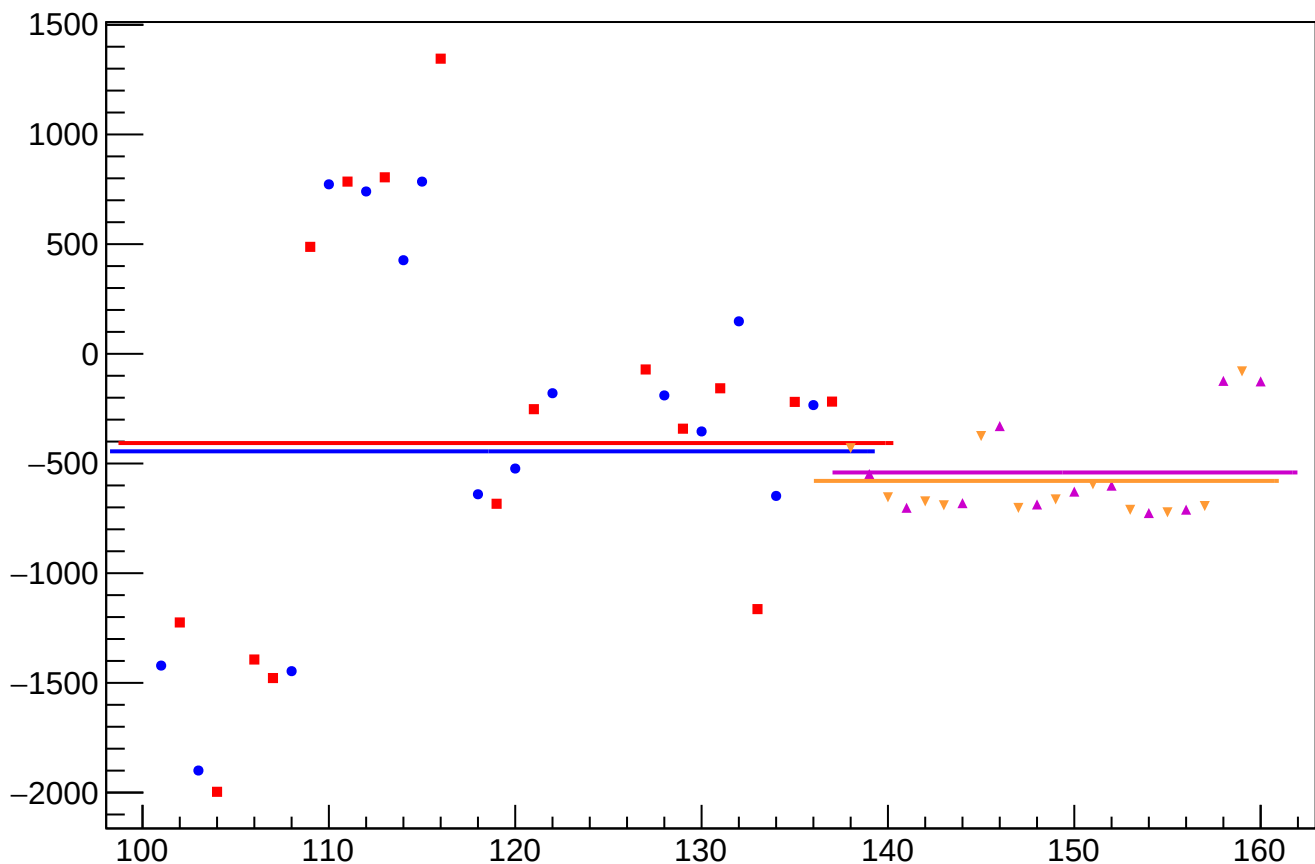
χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1101.625+/-0.000 χ^2/NDF : 93053988598295

All: 1114.283+/-0.000 χ^2/NDF : 22986564555

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

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

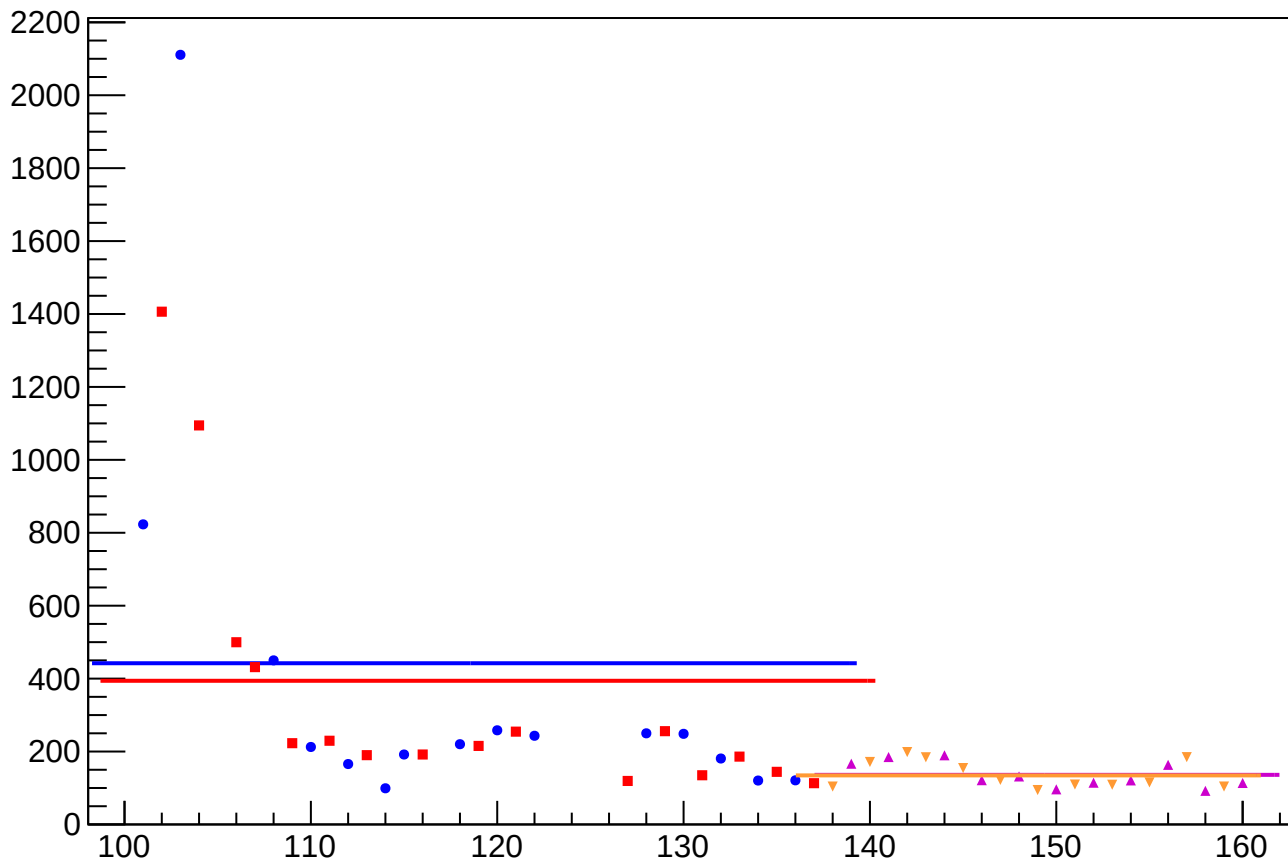
Left In: -540.842+/-0.000 χ^2/NDF : 42670193317497817911030367466366697472.0/10

+ 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 $\pm$ 0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.562 $\pm$ 0.000 χ^2/NDF : 1123122265403287497024317633834516480.0/11

Right Out: 394.033 $\pm$ 0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

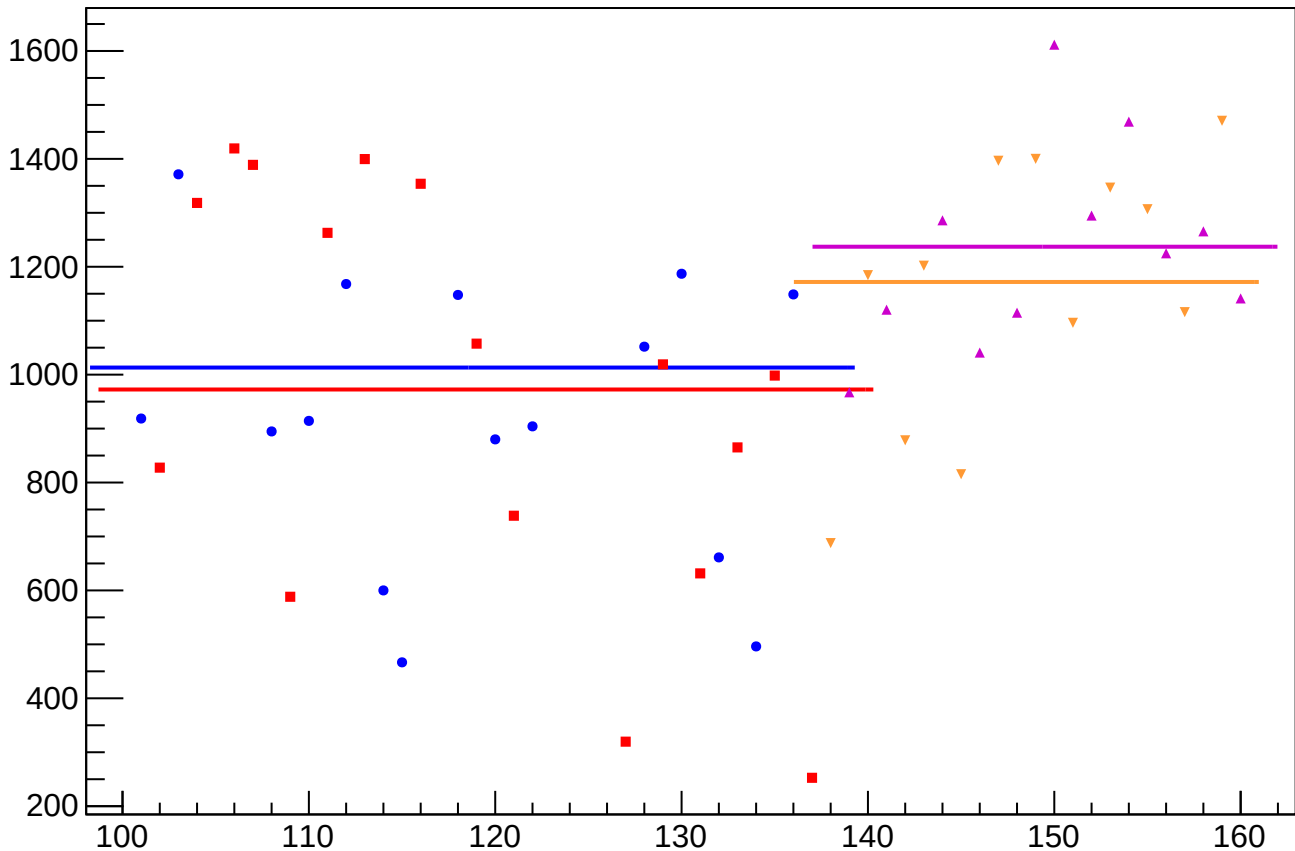
Left In: 136.040 $\pm$ 0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286 $\pm$ 0.000 χ^2/NDF : 241048188566854

All: 253.162 $\pm$ 0.000 χ^2/NDF : 37398353308

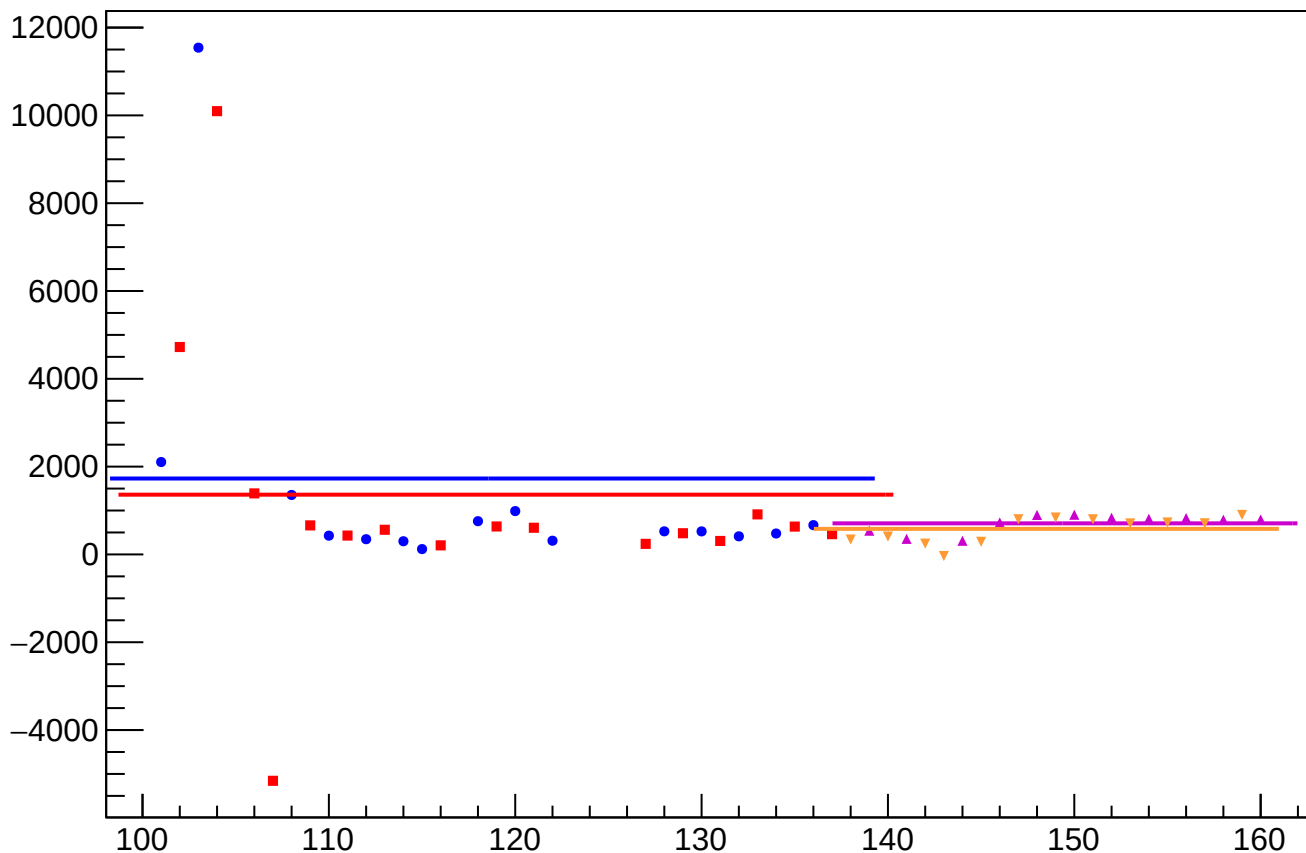
- sign 244.199 $\pm$ 0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



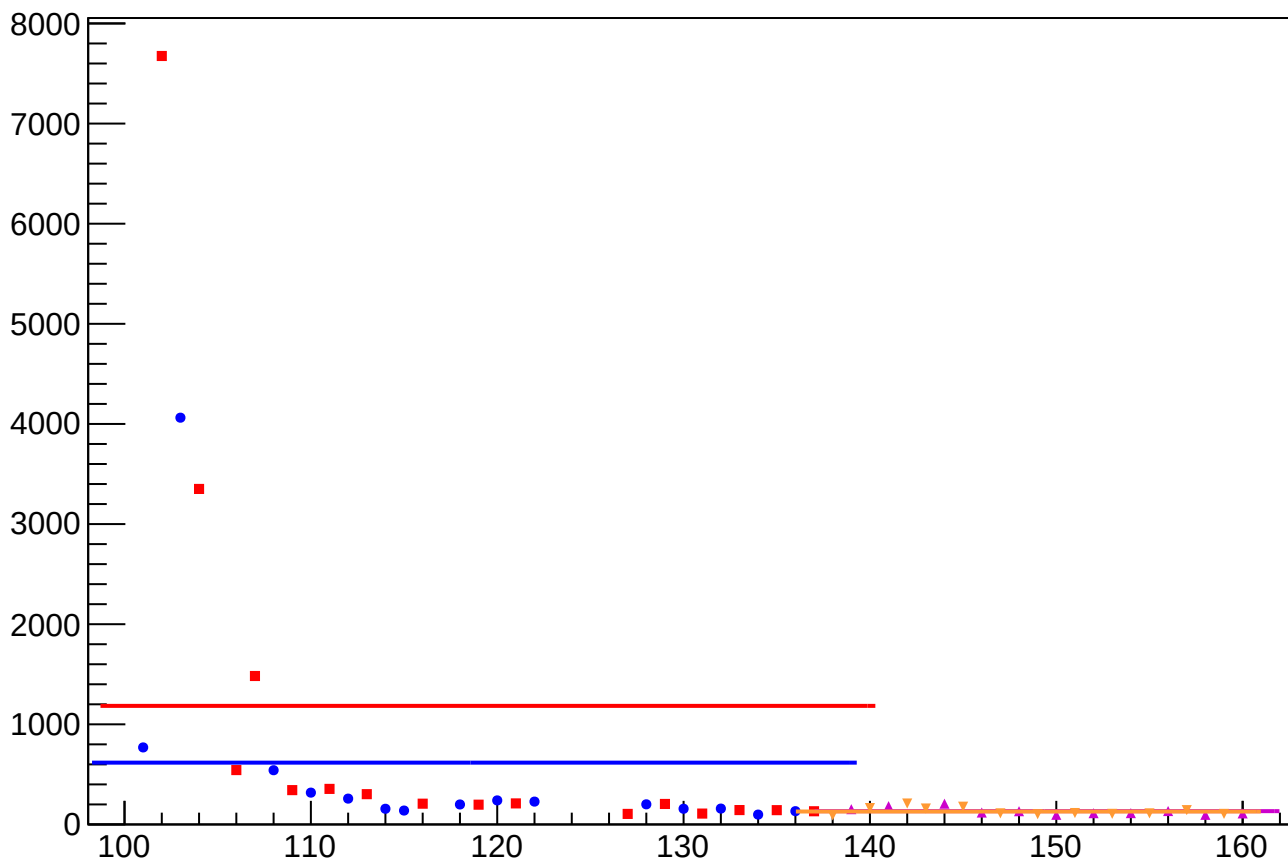
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- 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

+ sign 331.972+/-0.000 χ^2/NDF : 883734584018434

Left Out: 129.339+/-0.000 χ^2/NDF : 987271298758703212489370439899938816.0/11

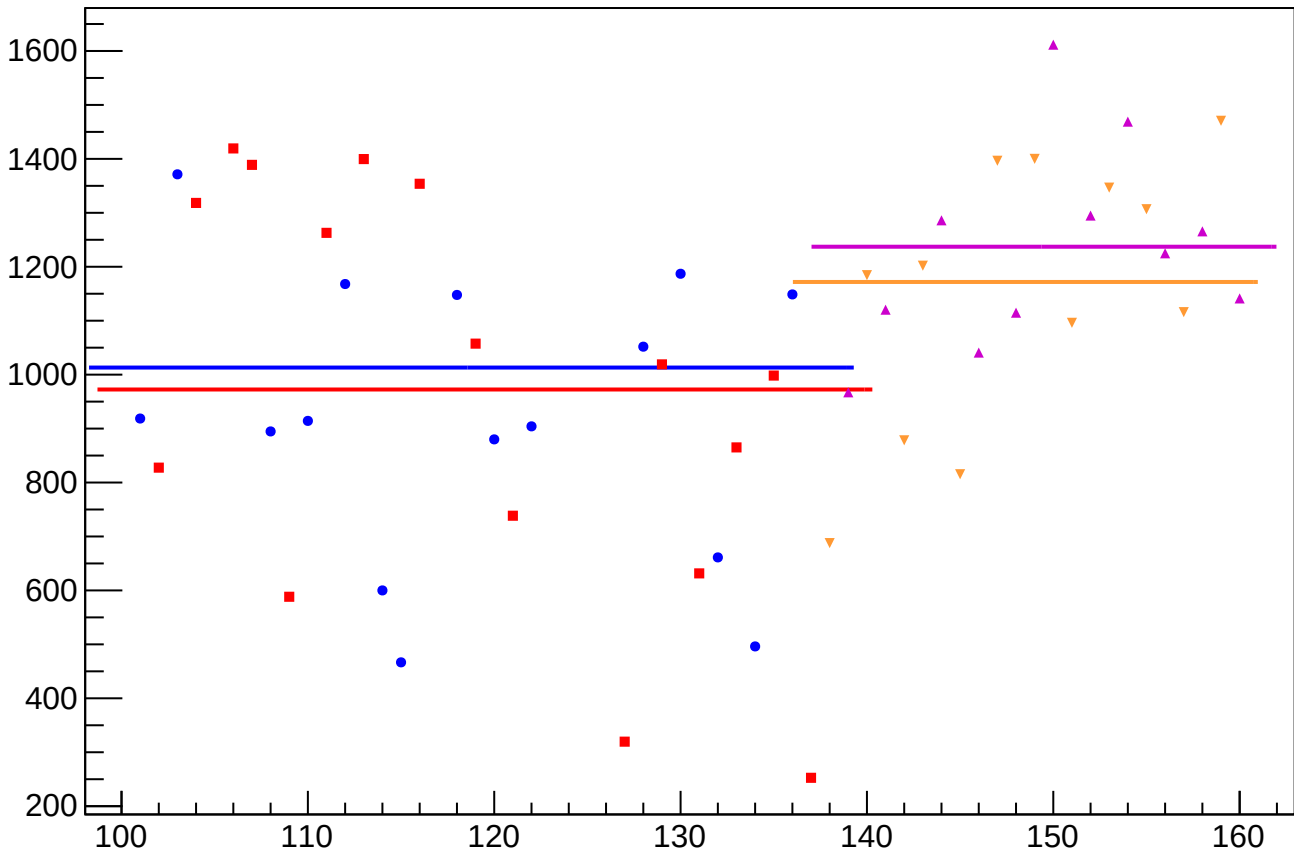
All: 453.895+/-0.000 χ^2/NDF : 452656903212

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

- sign 573.673+/-0.000 χ^2/NDF : 359677429953367

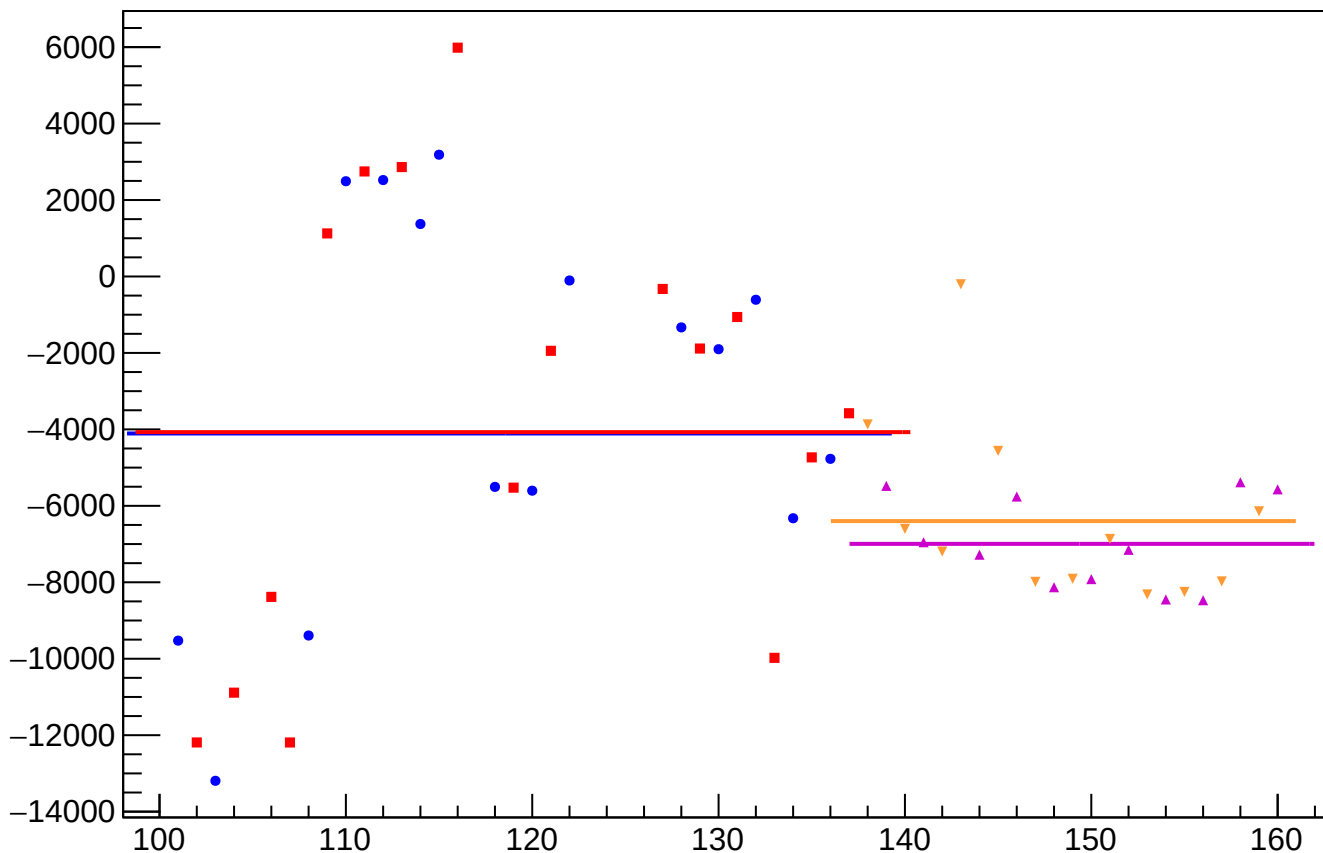
Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

dit_atl1_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		

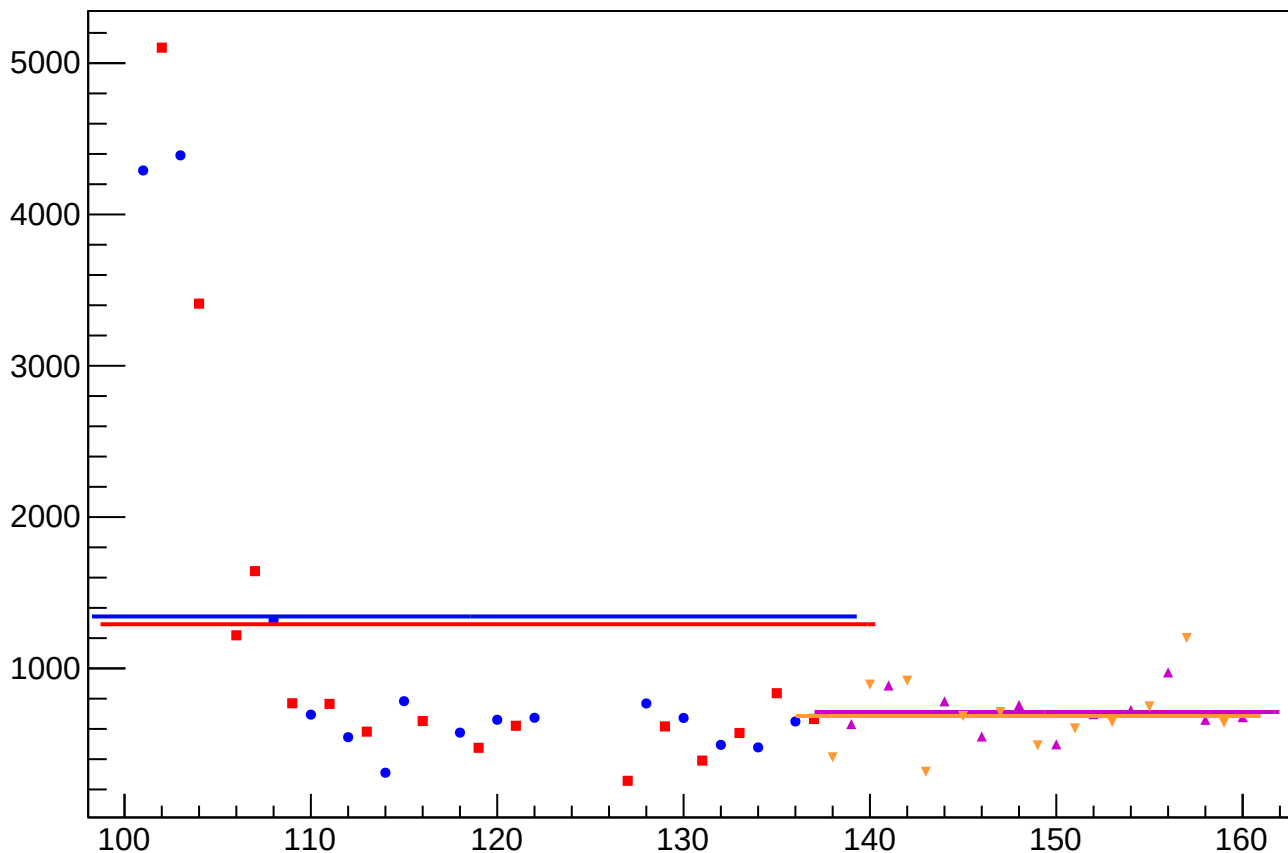
dit_atl2_coil6_mean vs Slug



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

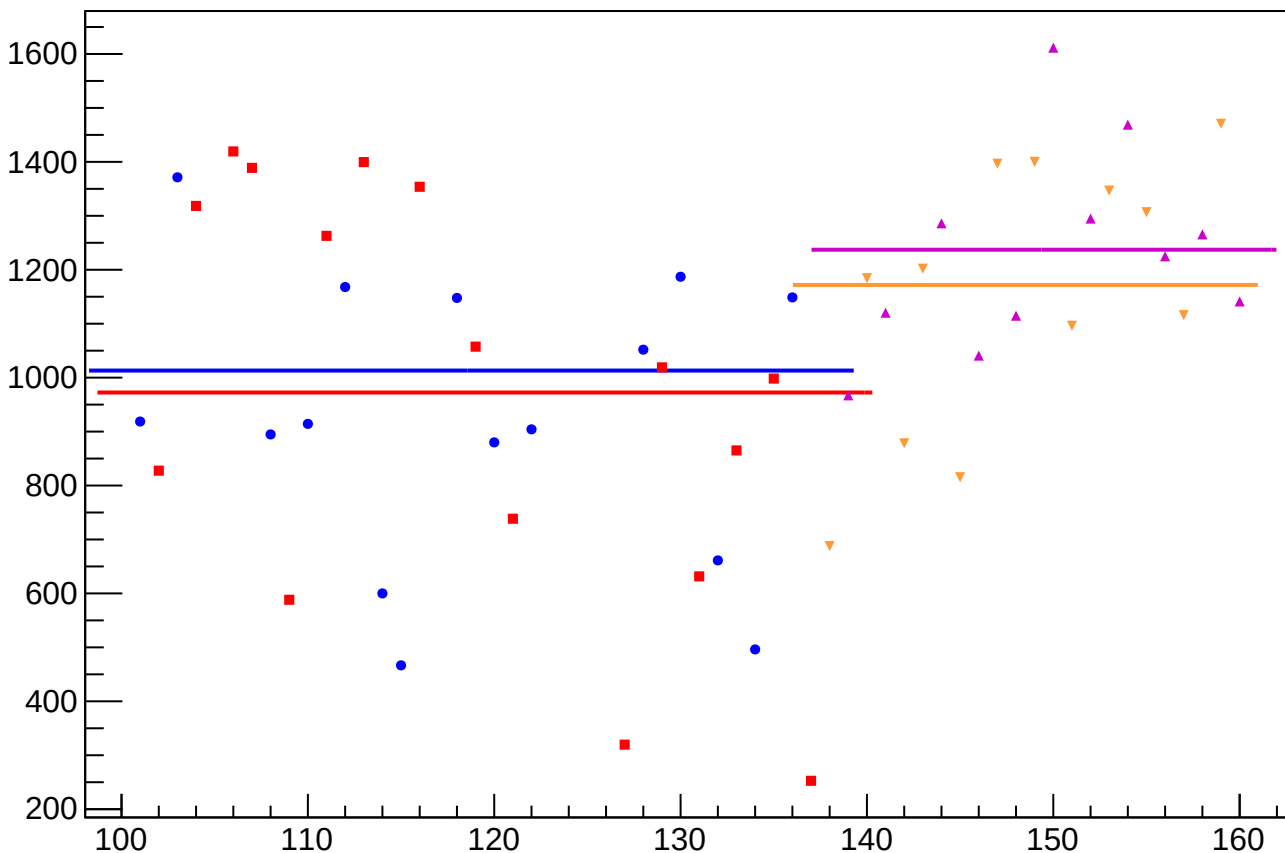
Left In: 711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10

+ sign 958.532+/-0.000 χ^2/NDF : 152813586967555

All: 956.706+/-0.000 χ^2/NDF : 299793196970

- sign 954.911+/-0.000 χ^2/NDF : 146978575897924

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

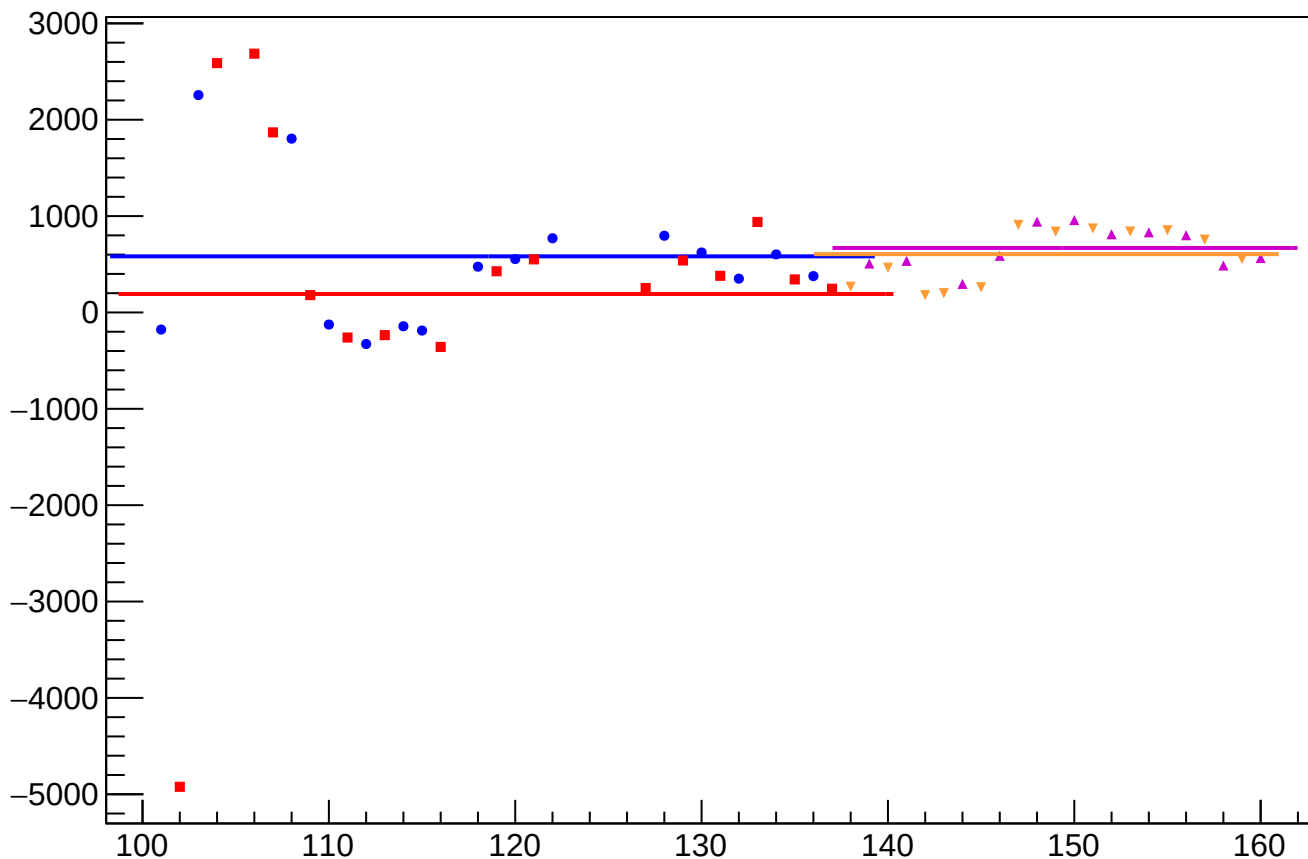
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

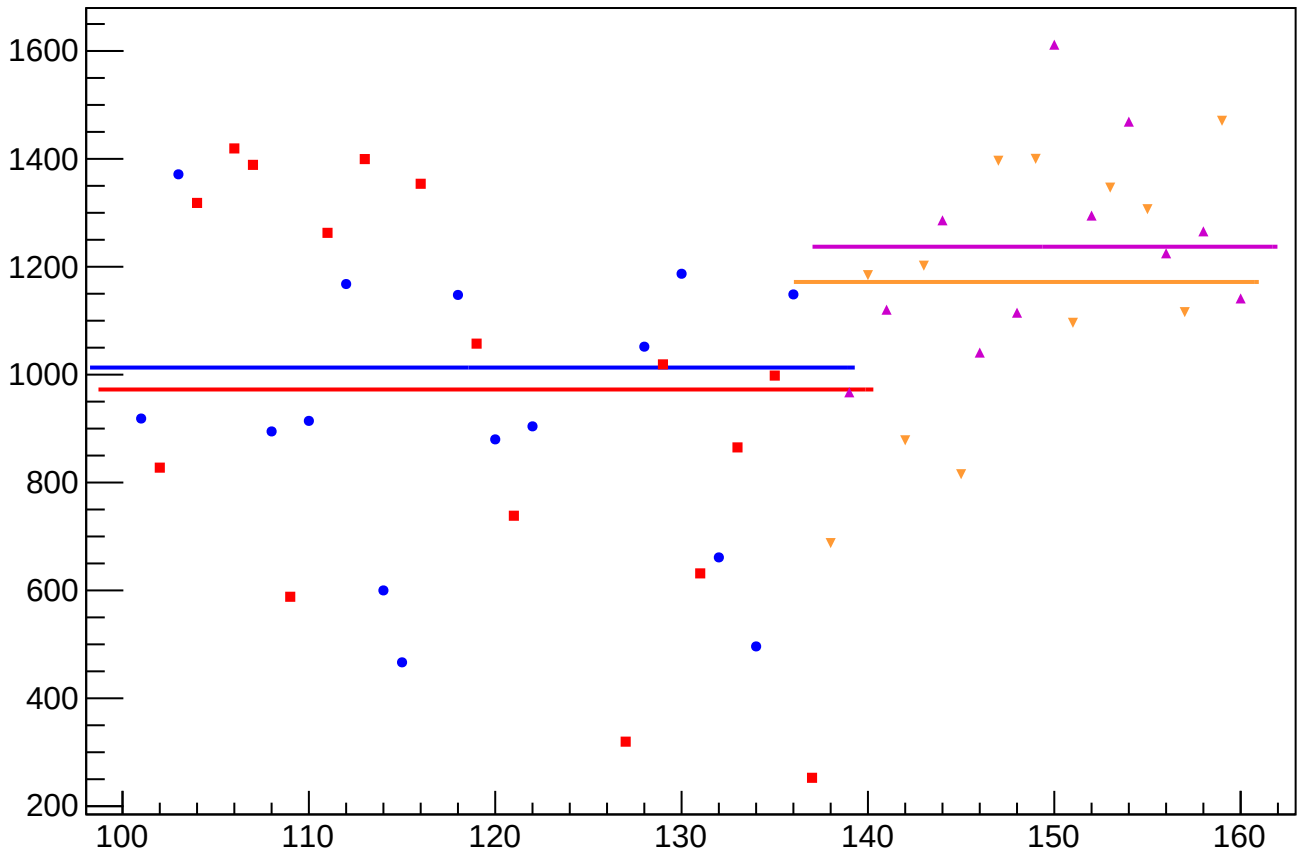
Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

+ 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

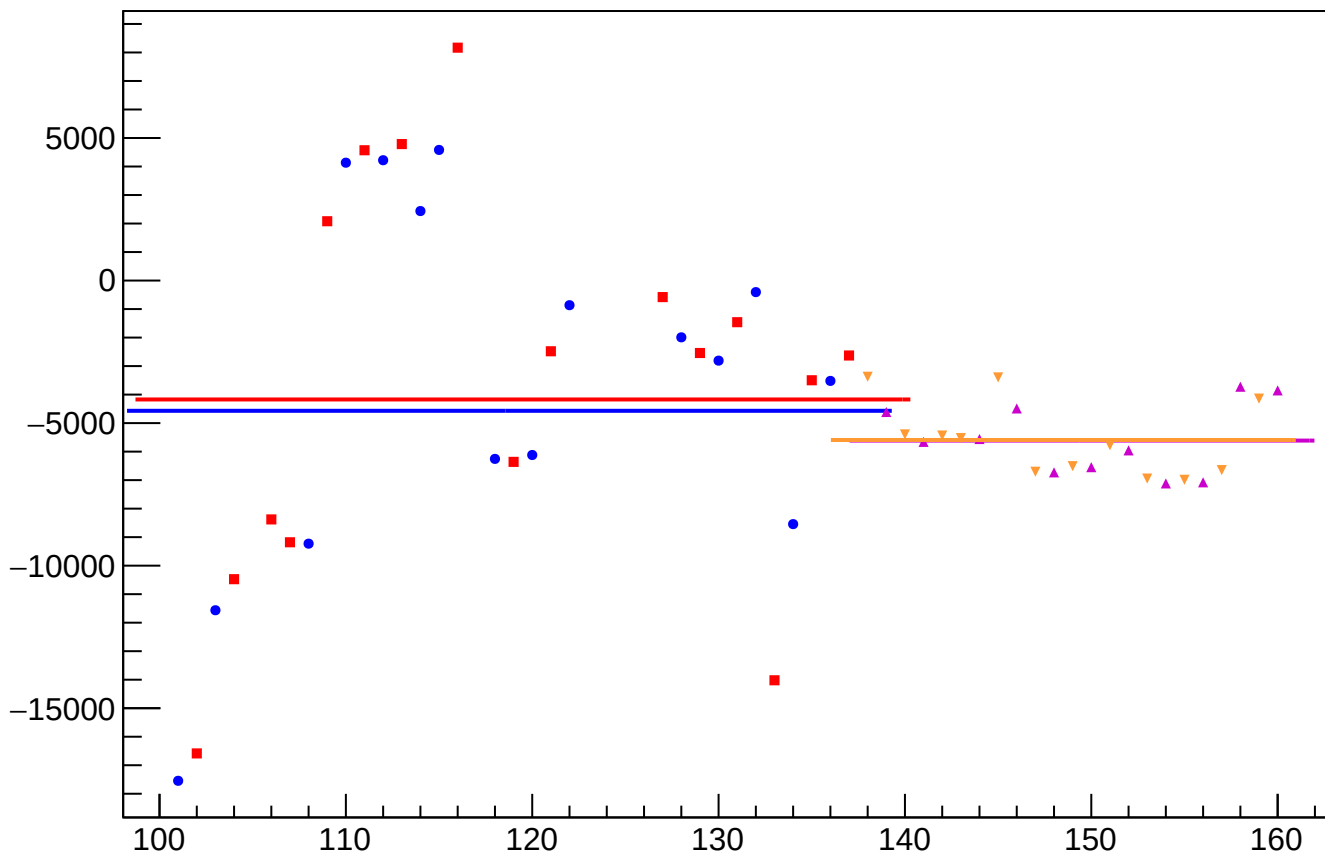
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

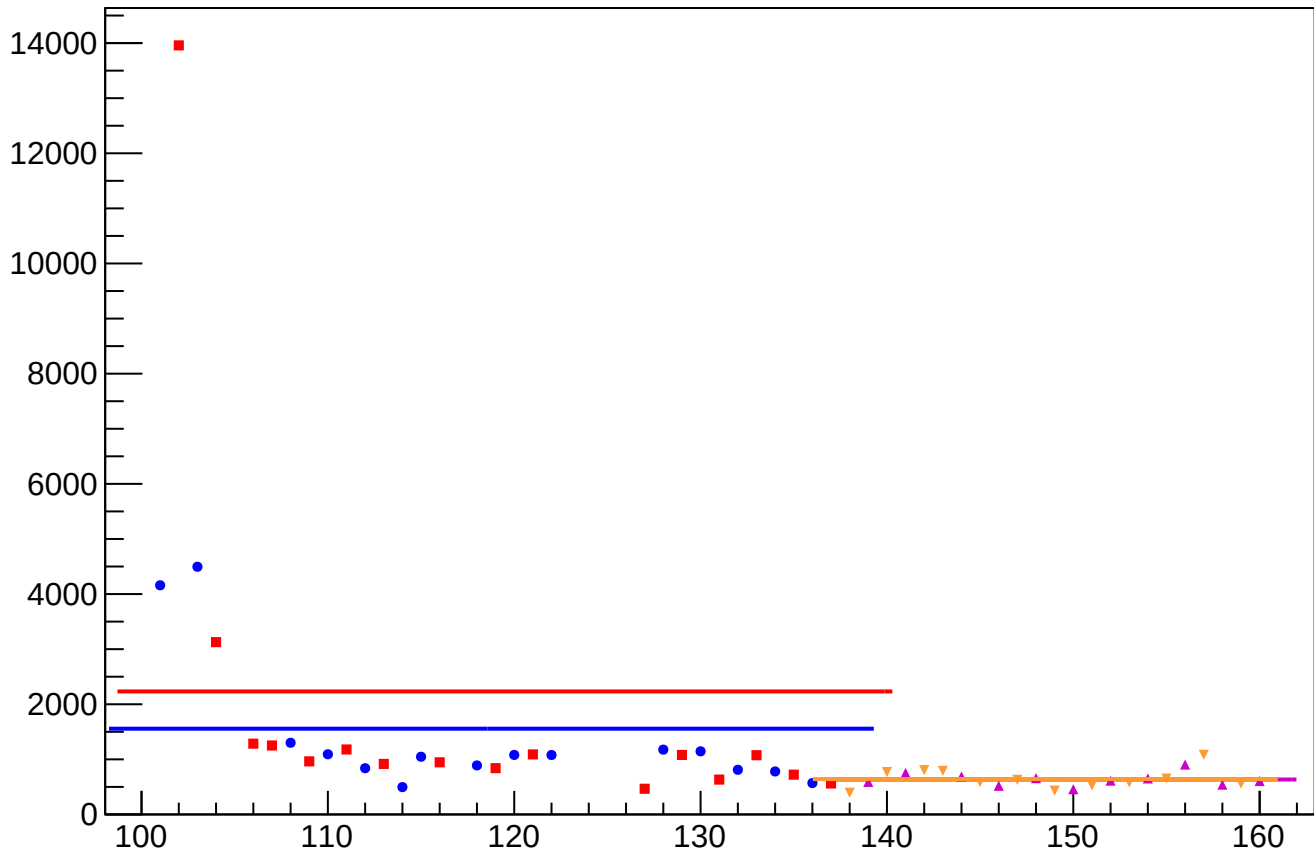
dit_atr2_coil6_mean vs Slug



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

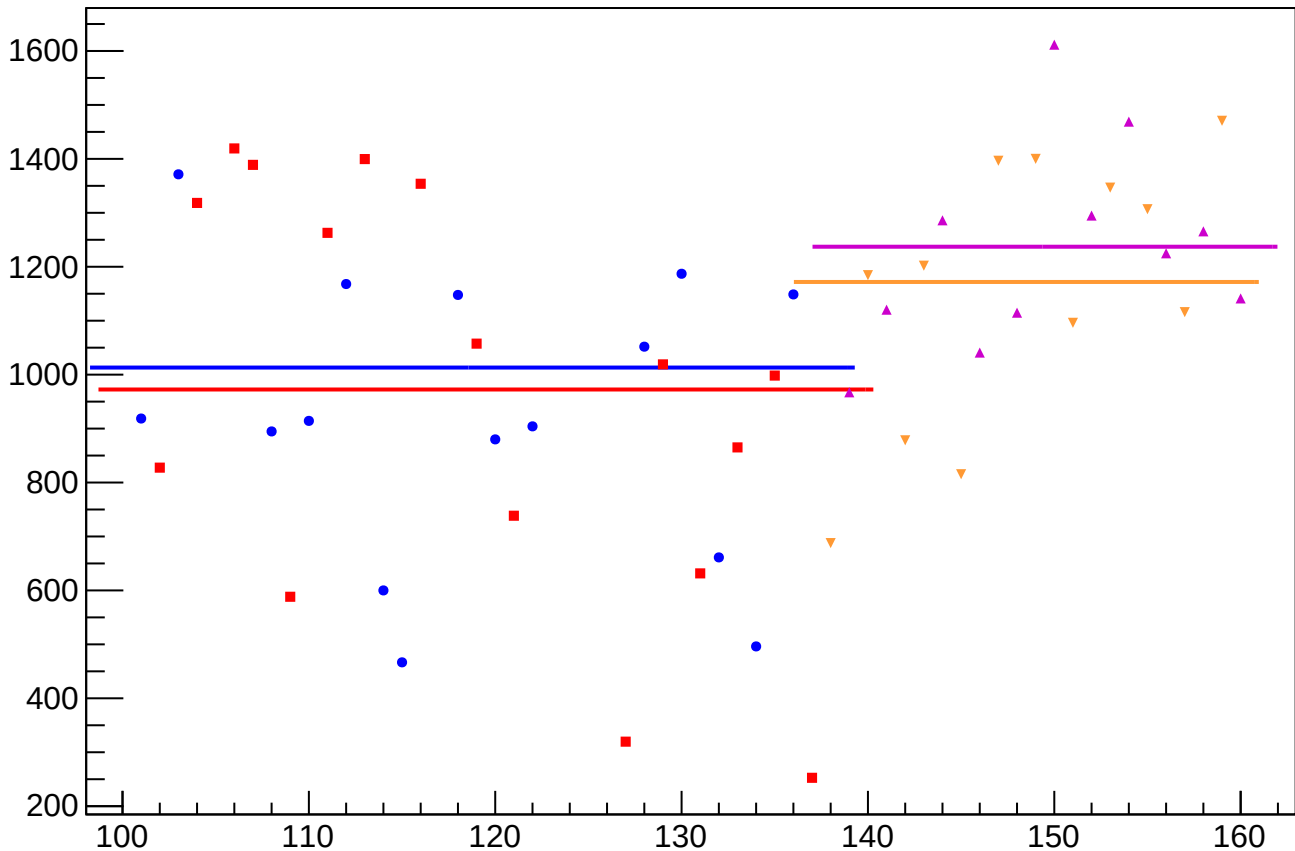
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

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

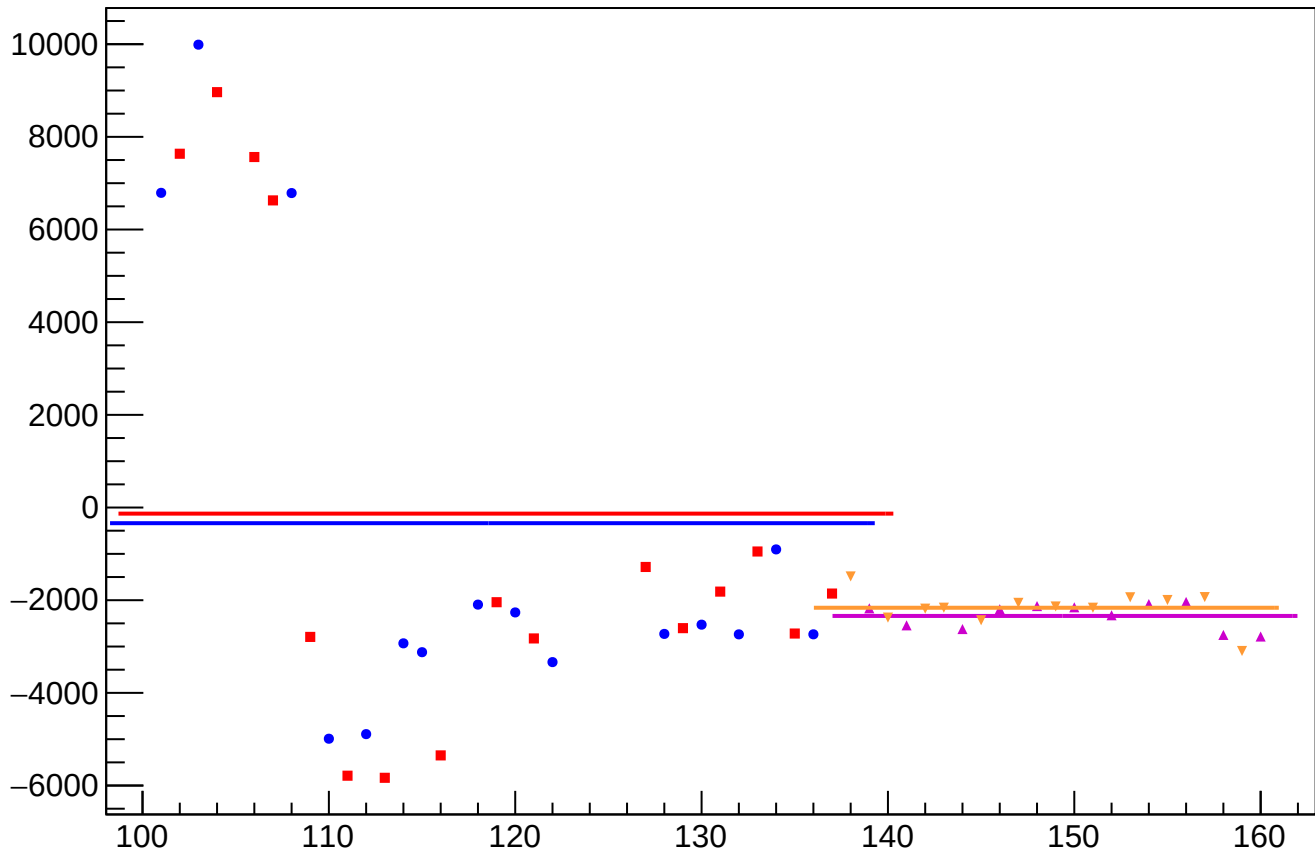
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

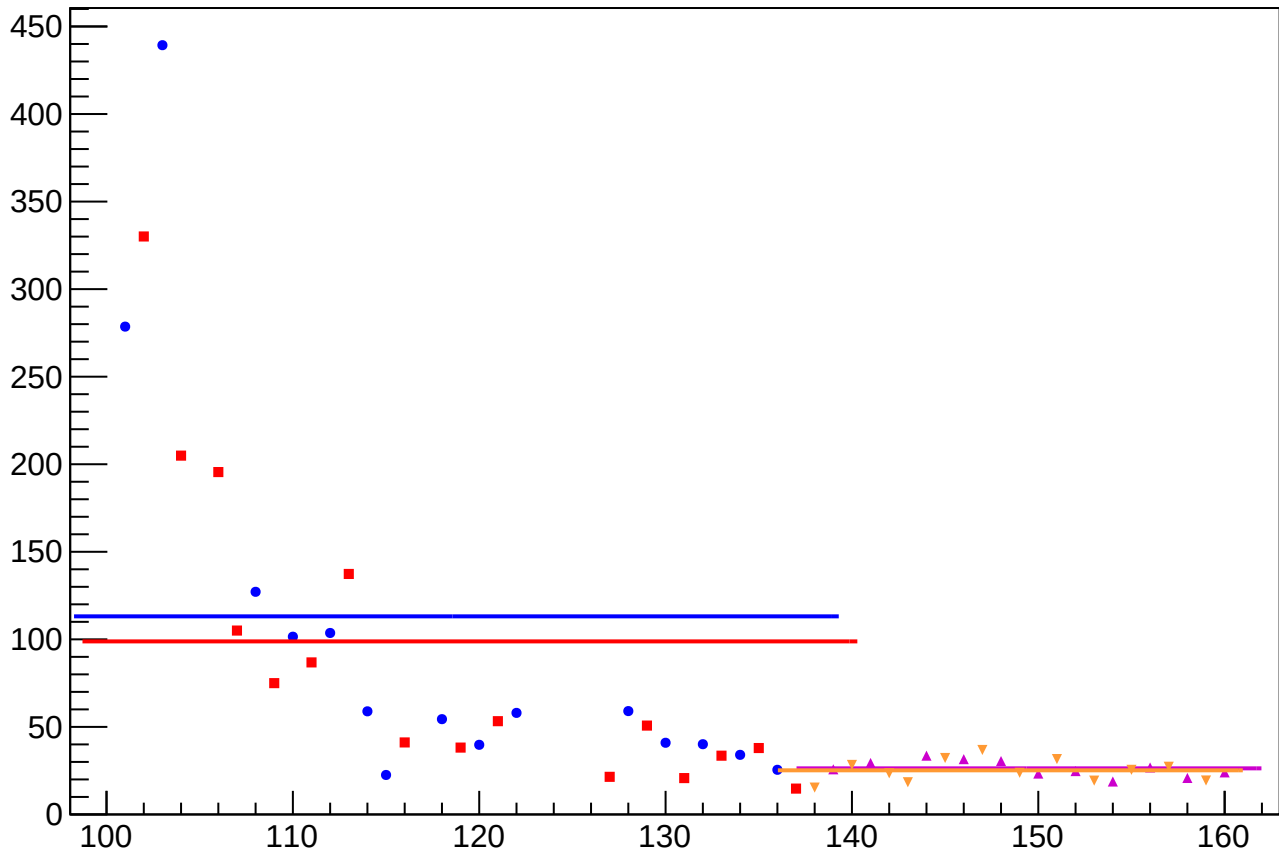
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam1_coil6_mean vs Slug



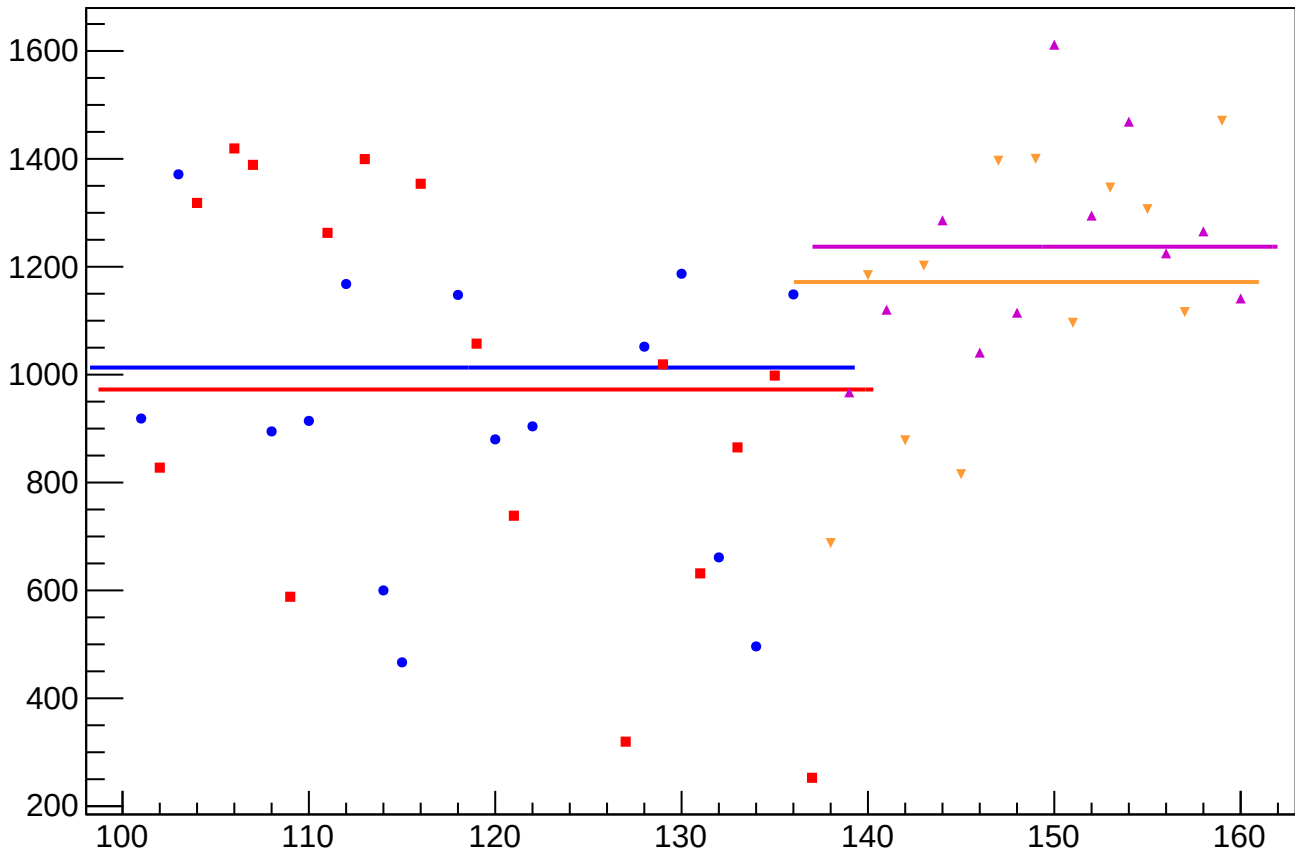
Right In: -337.865 ± 0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -2162.857 ± 0.000 χ^2/NDF : 126332275232930257638482620391759020032.0/11
 Right Out: -131.545 ± 0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Left In: -2339.639 ± 0.000 χ^2/NDF : 62860144247456957543810906284181422080.0/10
 All: -1409.541 ± 0.000 χ^2/NDF : 3496770485
 sign: -1413.933 ± 0.000 χ^2/NDF : 18424775138160

dit_sam1_coil6_err_mean vs Slug



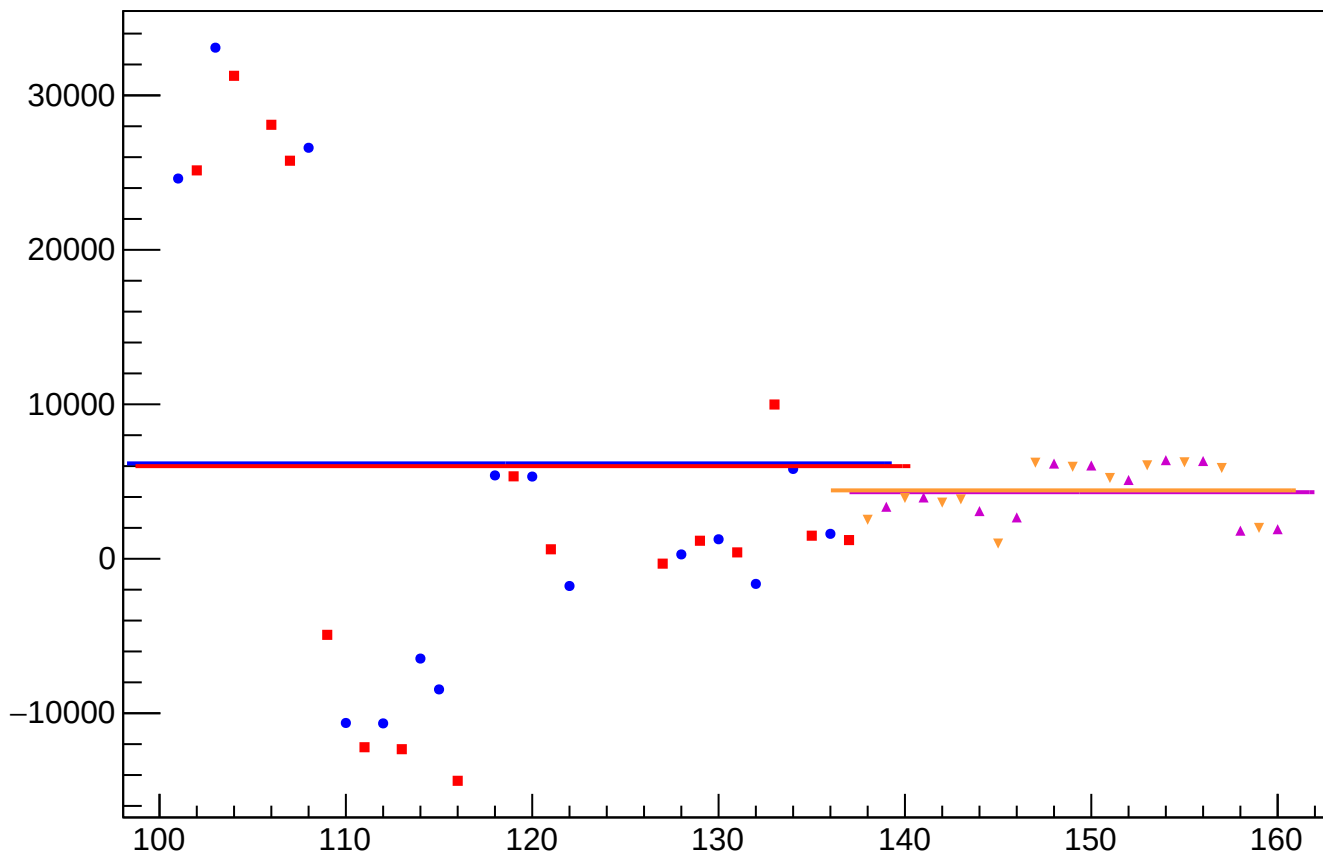
Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.204+/-0.000 χ^2/NDF : 35340998729966912863138320392126464.0/11
 Right Out: 98.833+/-0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: 26.331+/-0.000 χ^2/NDF : 18142873408814573481950758043648000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



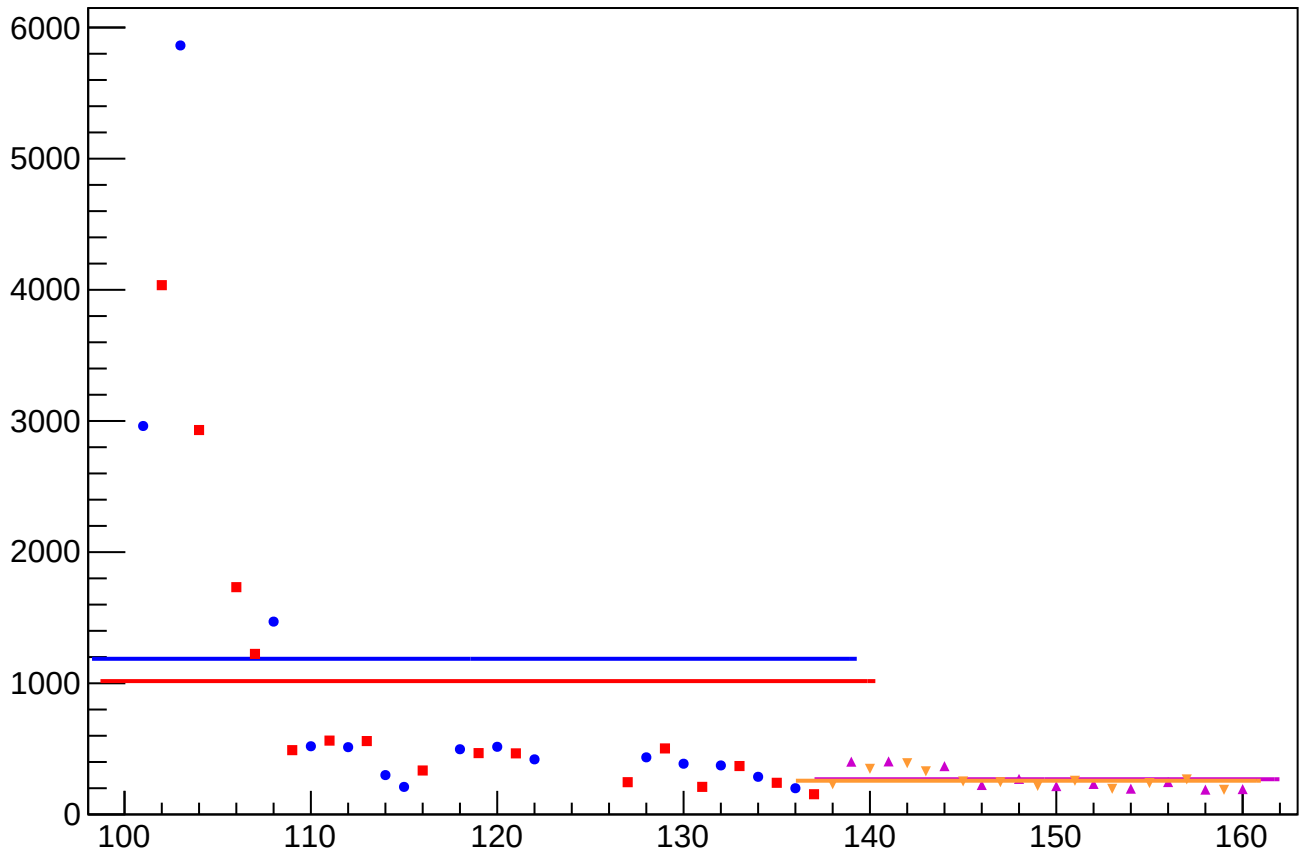
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam2_coil6_mean vs Slug



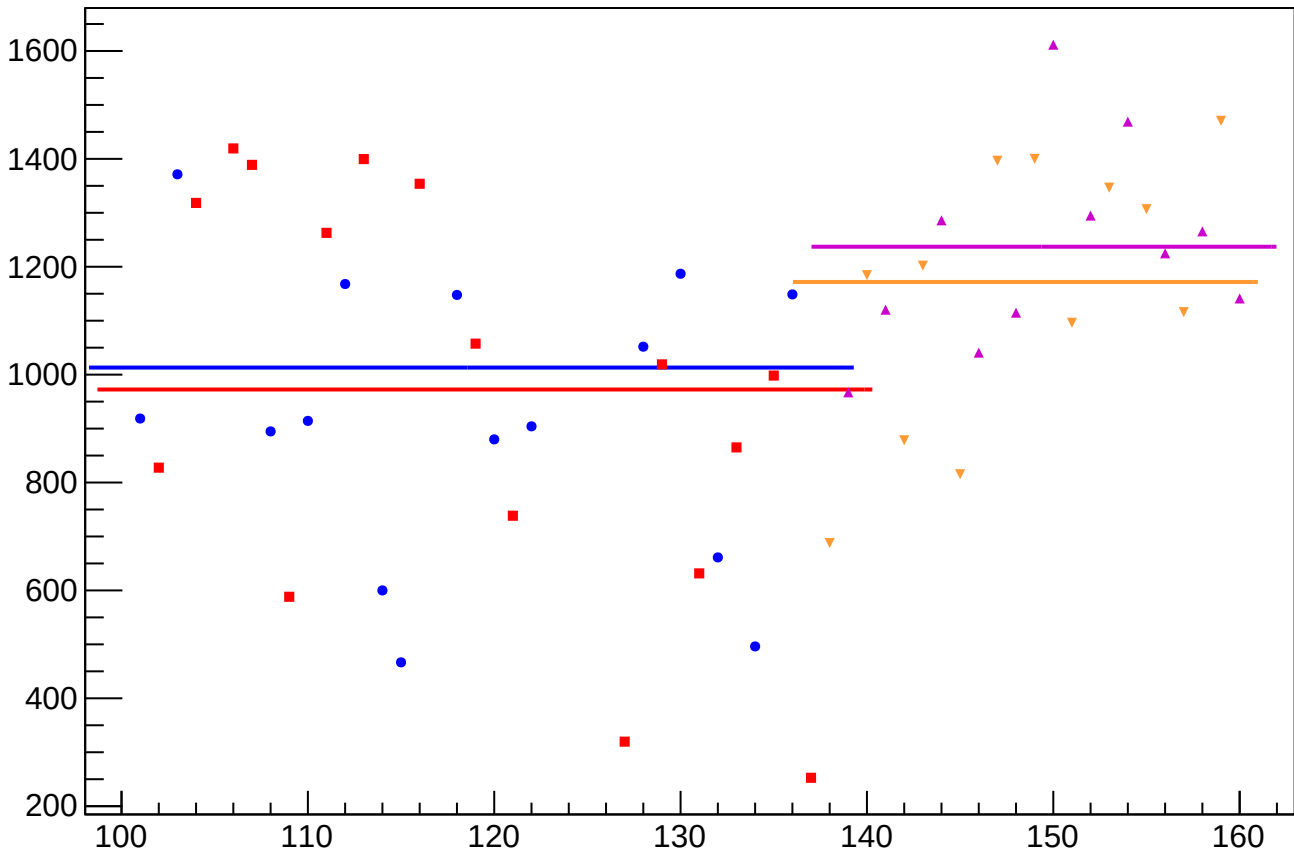
Right In: 6175.493+/-0.000	χ^2/NDF : 117260877162921223967478349050708452442112.0/14
Left Out: 4428.101+/-0.000	χ^2/NDF : 2900138976874387724183278190835470958592.0/11
Right Out: 5996.727+/-0.000	χ^2/NDF : 137057710785025136543407710107916356812800.0/15
Left In: 4310.541+/-0.000	χ^2/NDF : 2687248811790643780000086030830396243968.0/10
	All: 5084.951+/-0.000 χ^2/NDF : 26218080052.0/10
	+ sign 5153.665+/-0.000 χ^2/NDF : 12131982747999.0/10
	- sign 5017.446+/-0.000 χ^2/NDF : 14084634301440.0/10

dit_sam2_coil6_err_mean vs Slug



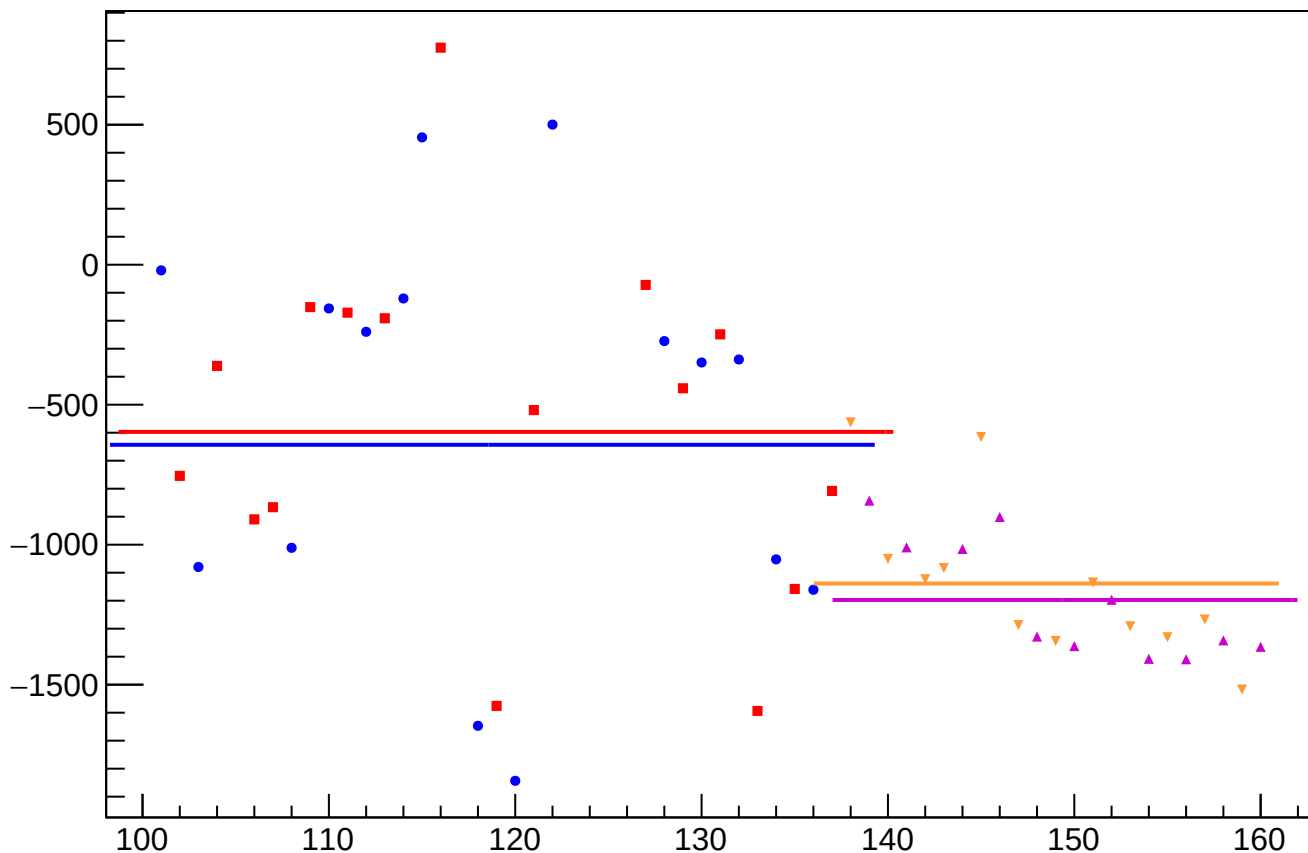
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807 $\pm$ 0.000 χ^2 /NDF: 52424901282098583856312492577037221888.0/11
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 $\pm$ 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

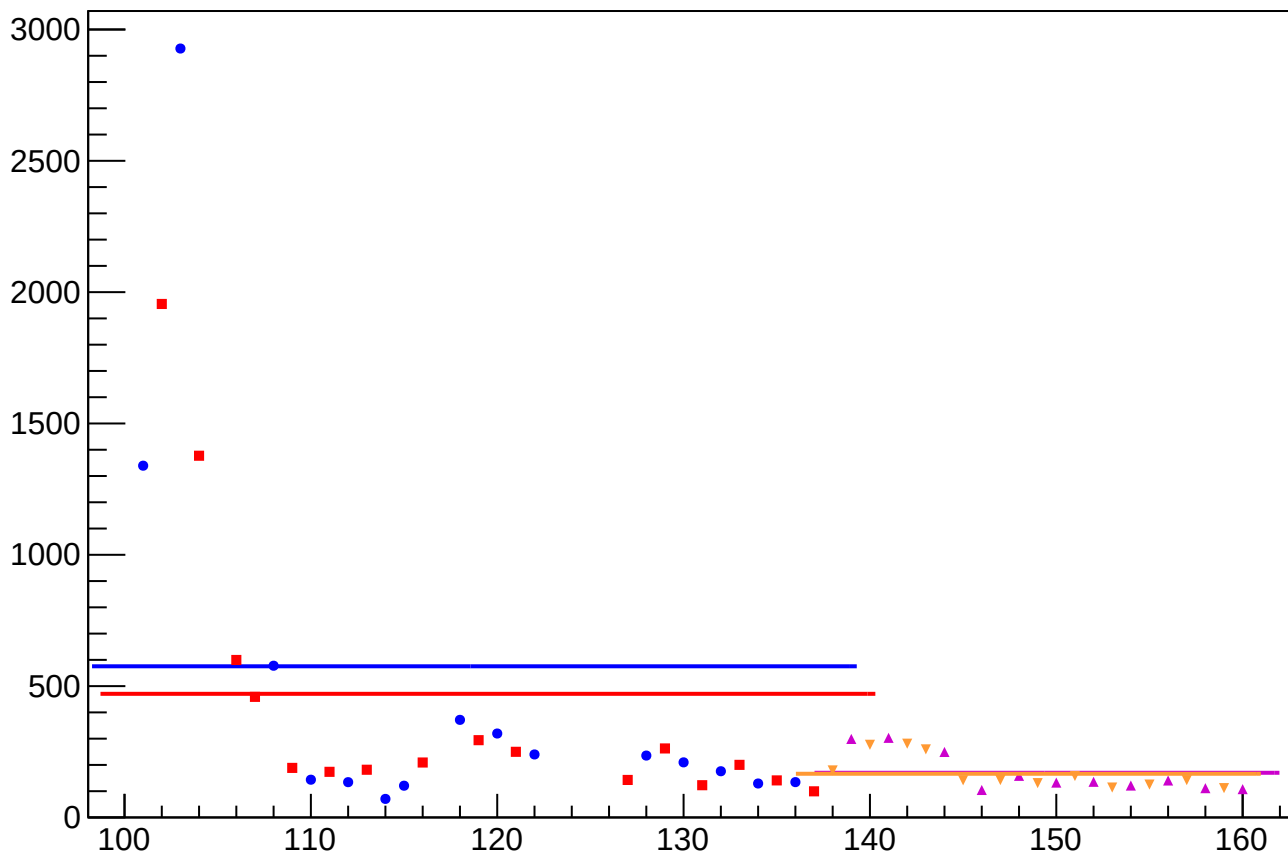
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ 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

Left Out: 166.360+/-0.000 χ^2/NDF : 3052716209295405049807129095543193600.0/11

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

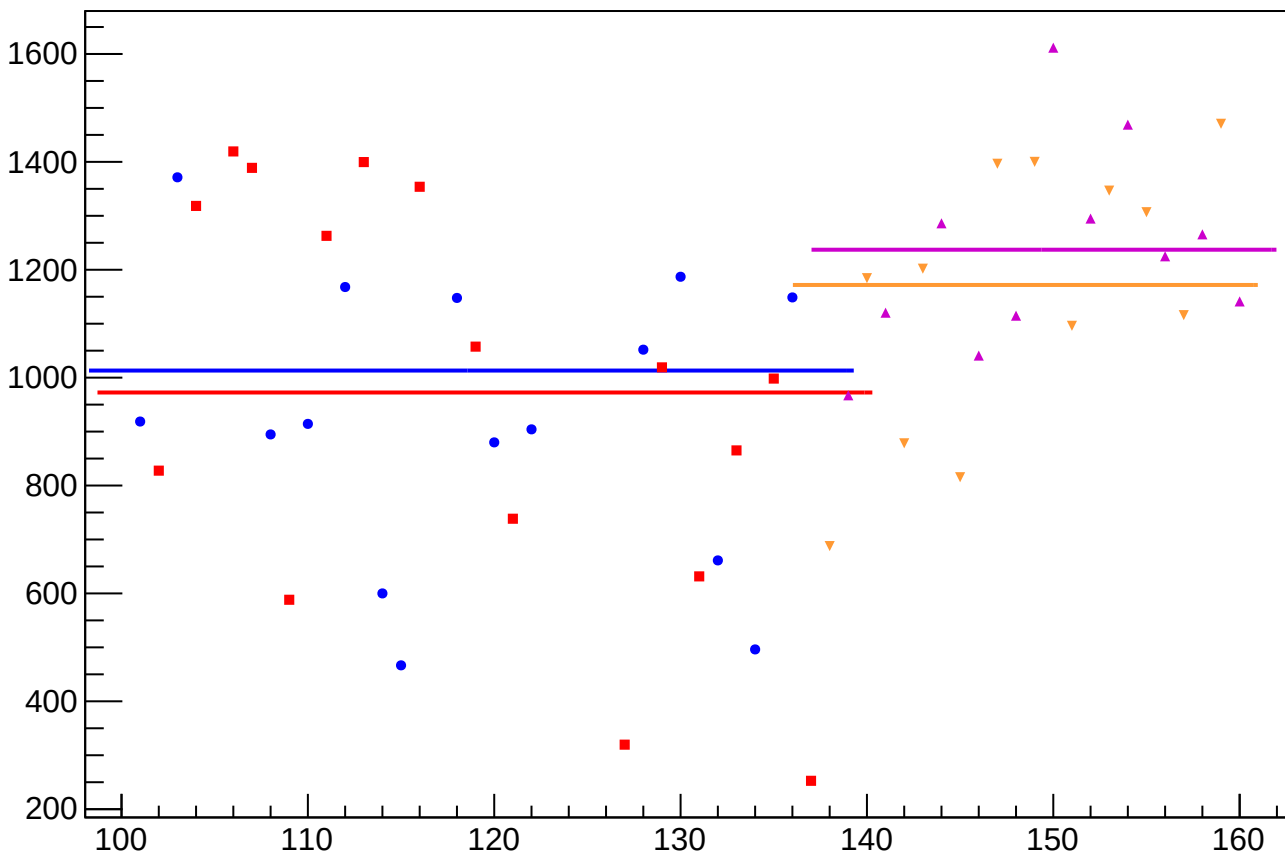
Left In: 170.082+/-0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

All: 316.009+/-0.000 χ^2/NDF : 749713374727

+ sign 336.257+/-0.000 χ^2/NDF : 499270475269907

- sign 296.118+/-0.000 χ^2/NDF : 249172631287531

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

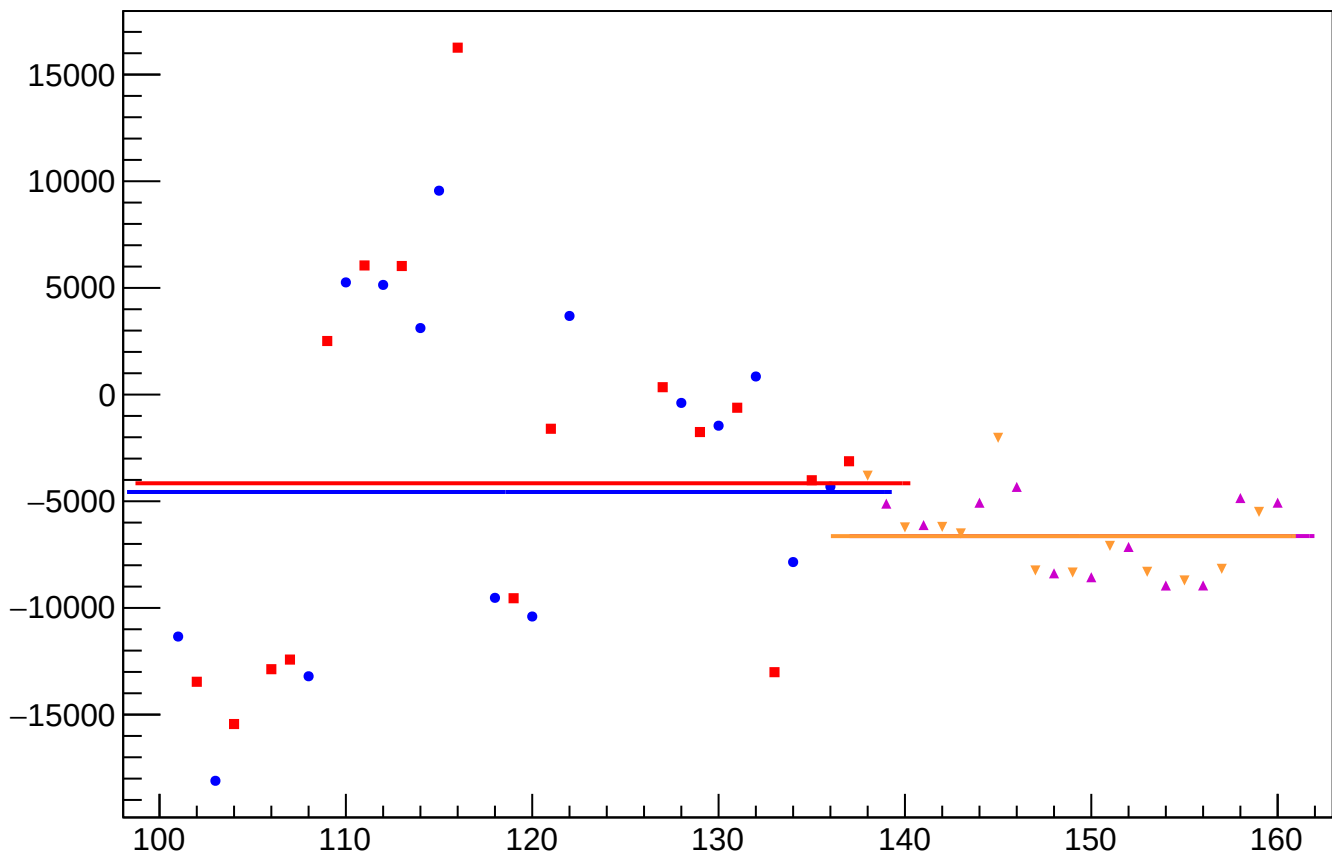
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

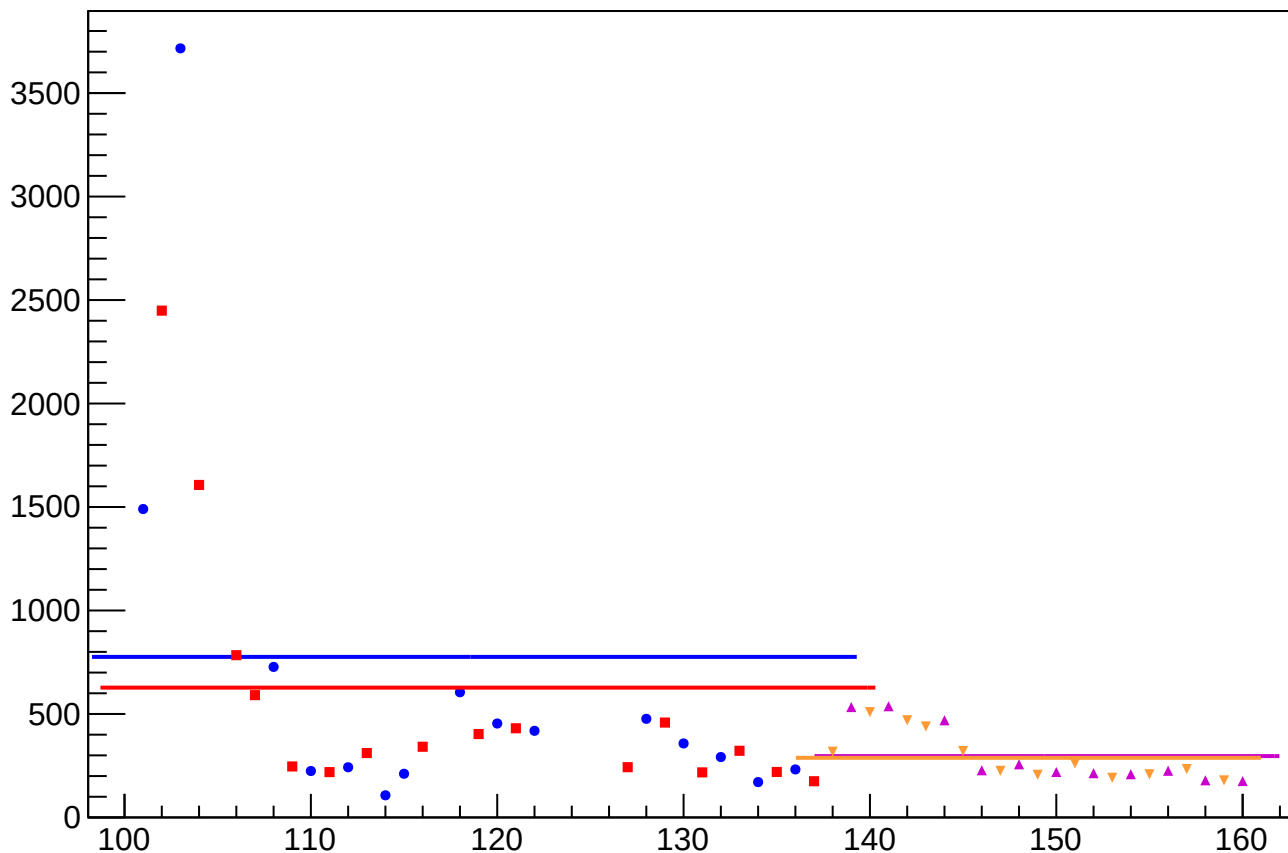
dit_sam4_coil6_mean vs Slug



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

+ sign -5775.333+/-0.000 χ^2/NDF : 4093261338391
 All: -5683.850+/-0.000 χ^2/NDF : 9170111031
 - 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

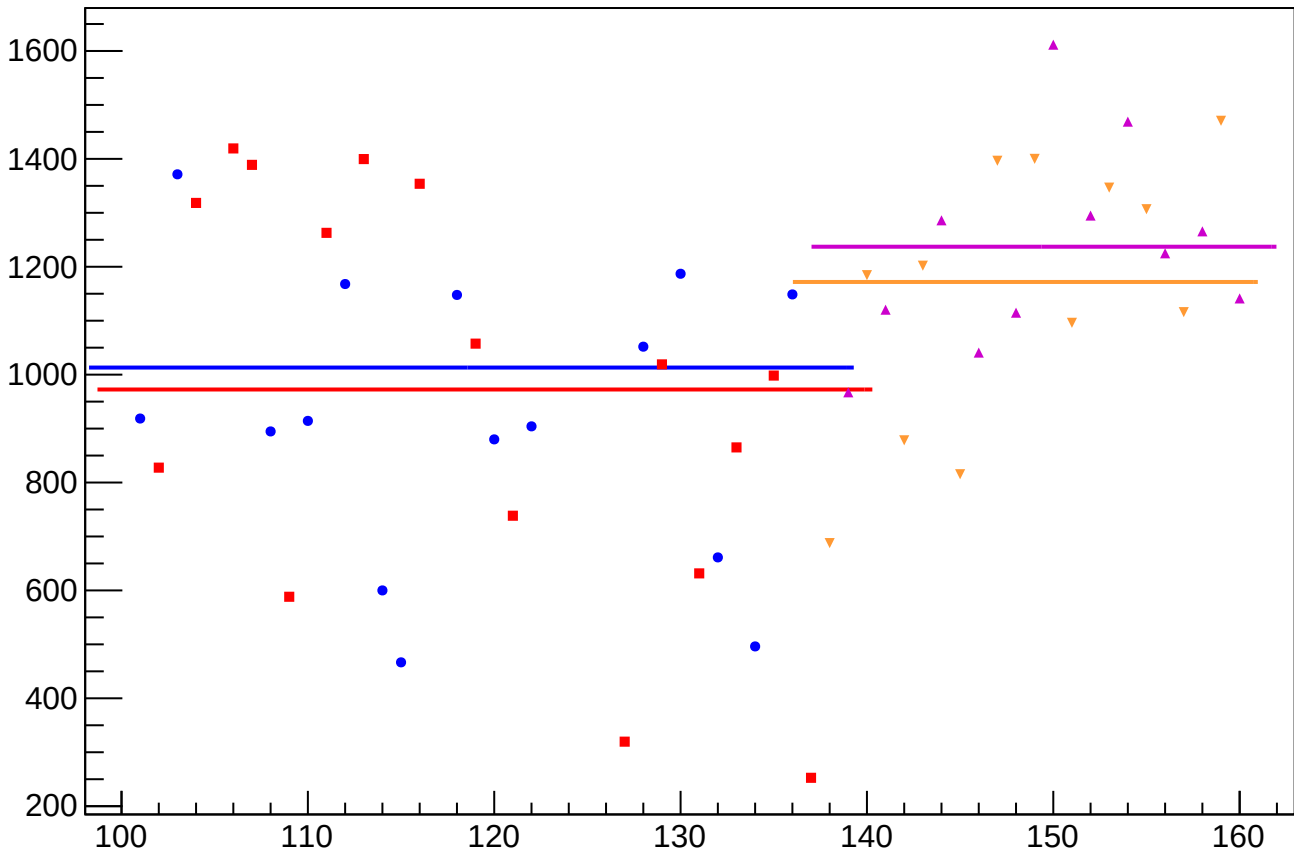
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 110209251468

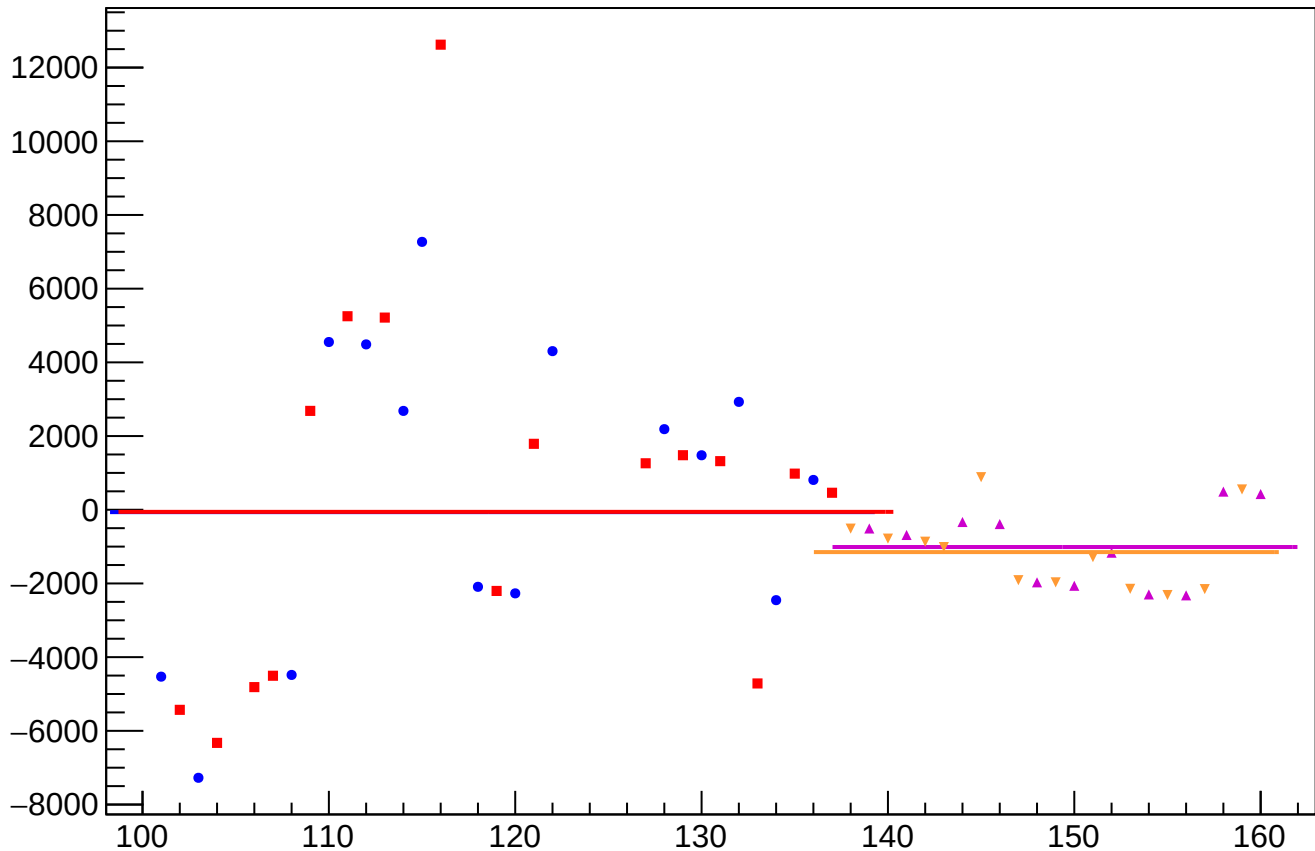
- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



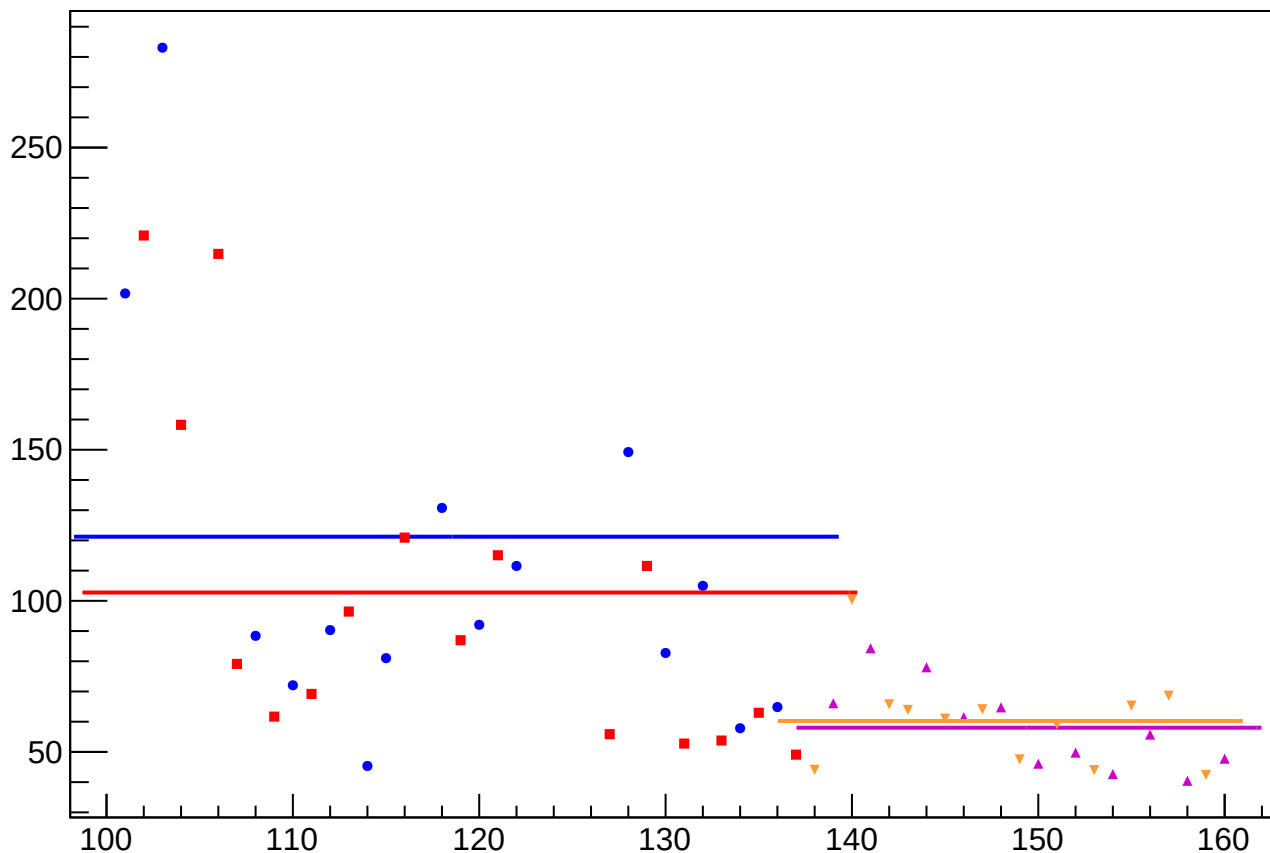
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807 $\pm$ 0.000 χ^2 /NDF: 52424901282098583856312492577037221888.0/11
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 $\pm$ 0.000 χ^2 /NDF: 30323445843993737164691986740223672320.0/10

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

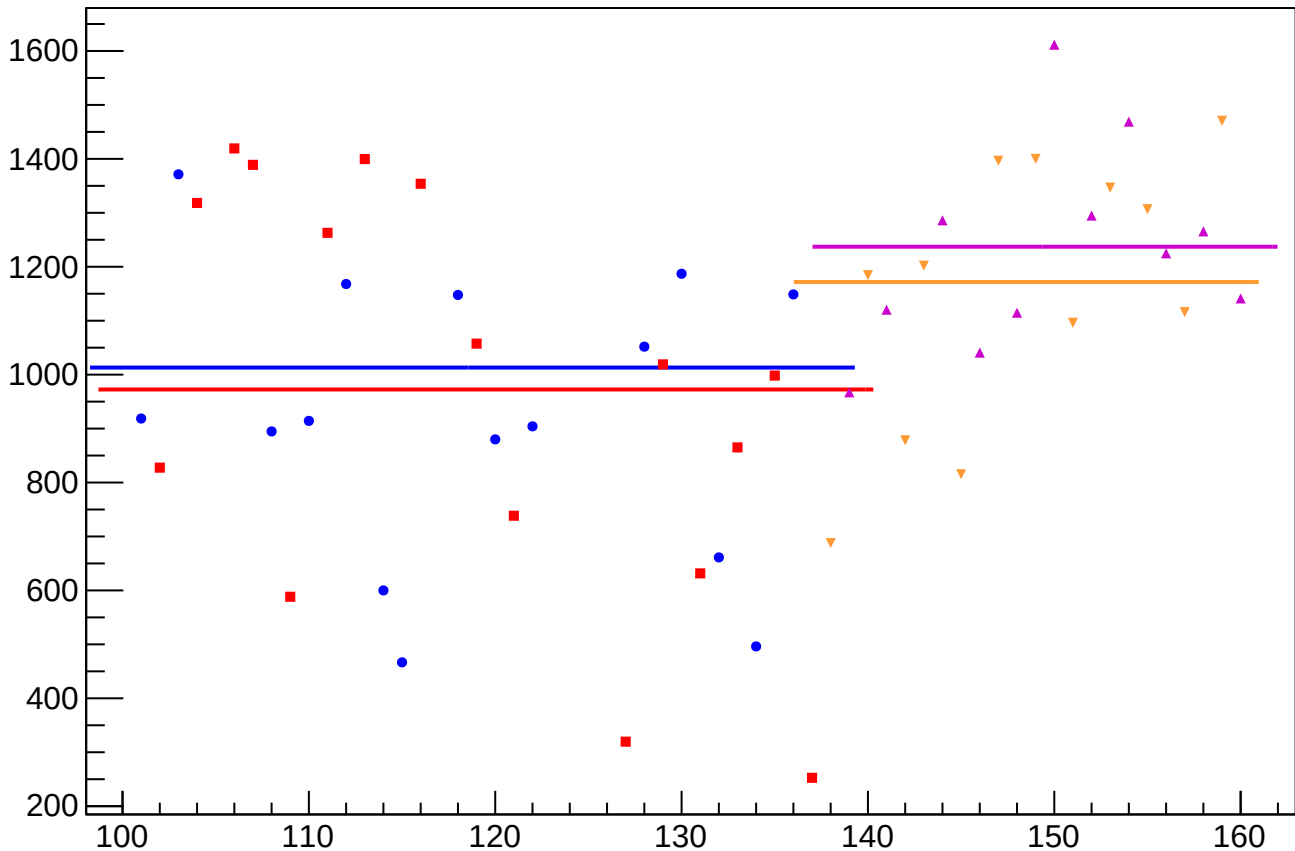
Left In: 58.011+/-0.000 χ^2/NDF : 177427701786540438757655027214450688.0/10

+ sign 85.563+/-0.000 χ^2/NDF : 4359921672162242

All: 81.126+/-0.000 χ^2/NDF : 7341366605629

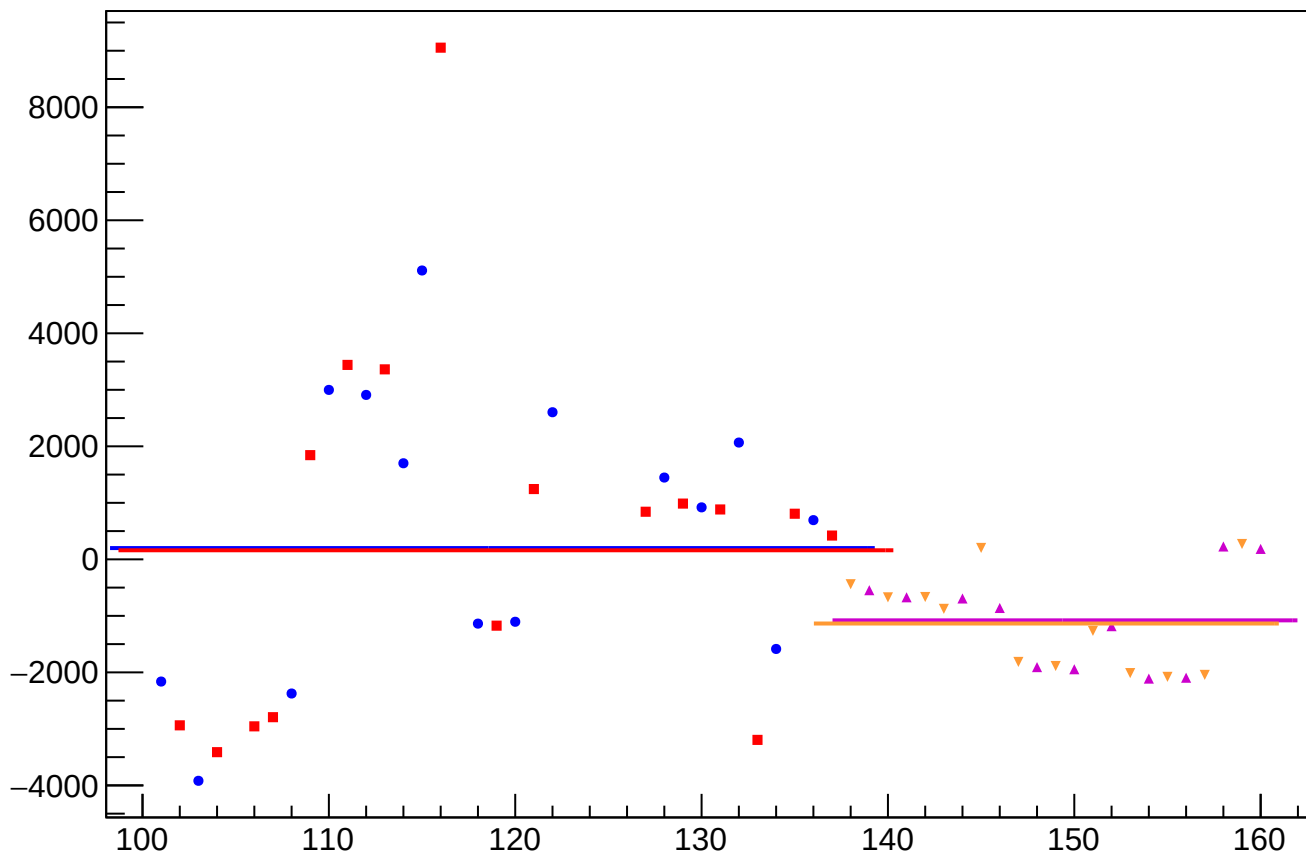
- sign 76.766+/-0.000 χ^2/NDF : 2920429745013475

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 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_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

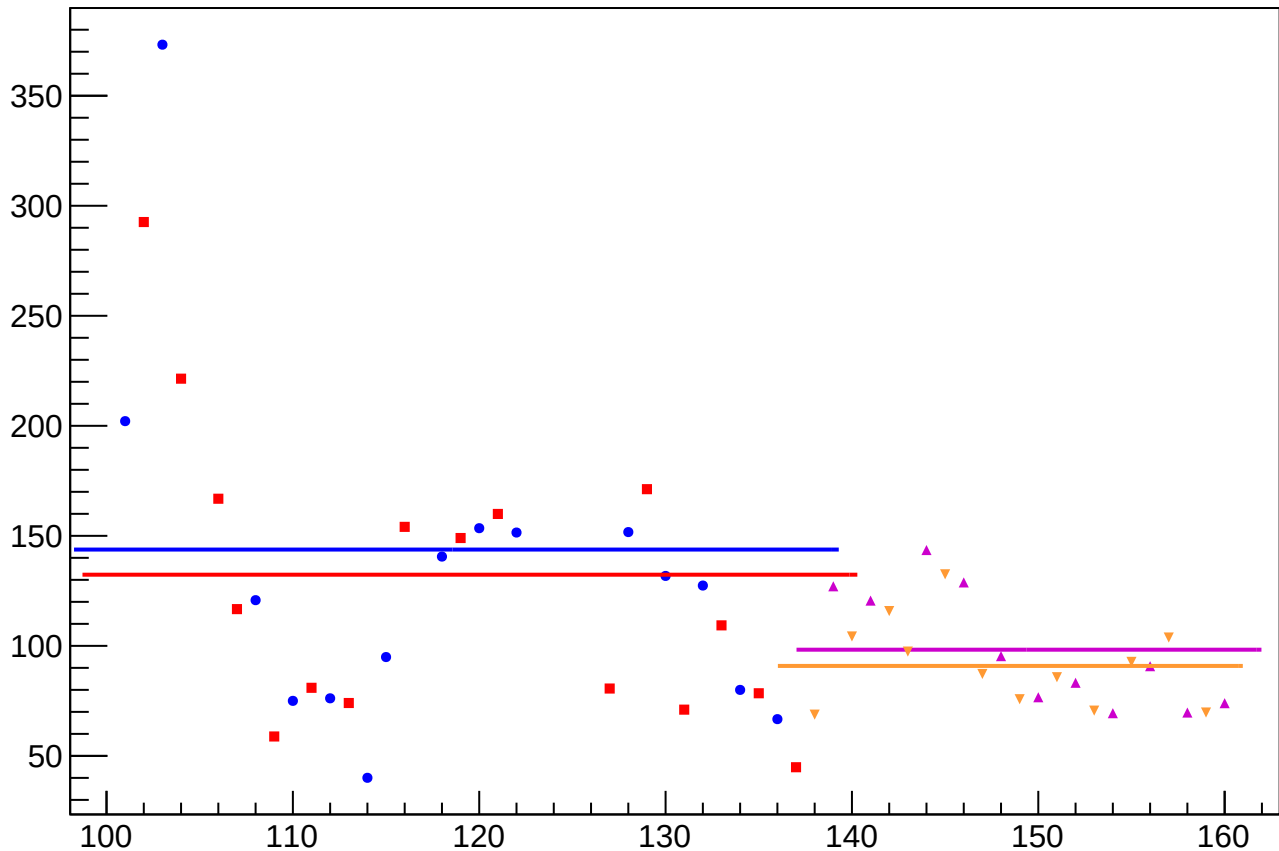
Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

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

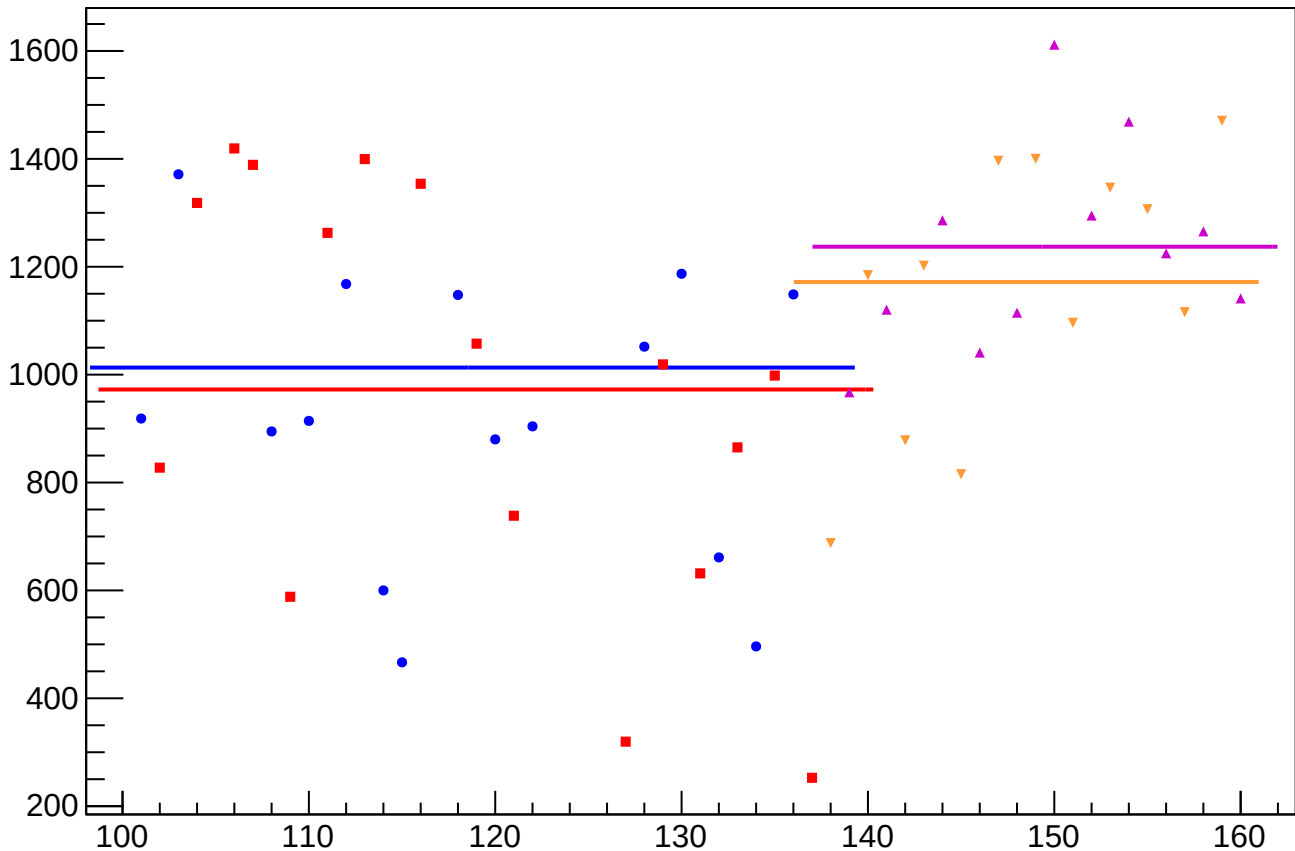
Left In: 98.257 ± 0.000 χ^2/NDF : 6209937767730933933033369428470792192.0/10

All: 112.691 ± 0.000 χ^2/NDF : 101475107783

+ sign 112.840 ± 0.000 χ^2/NDF : 590235067464096

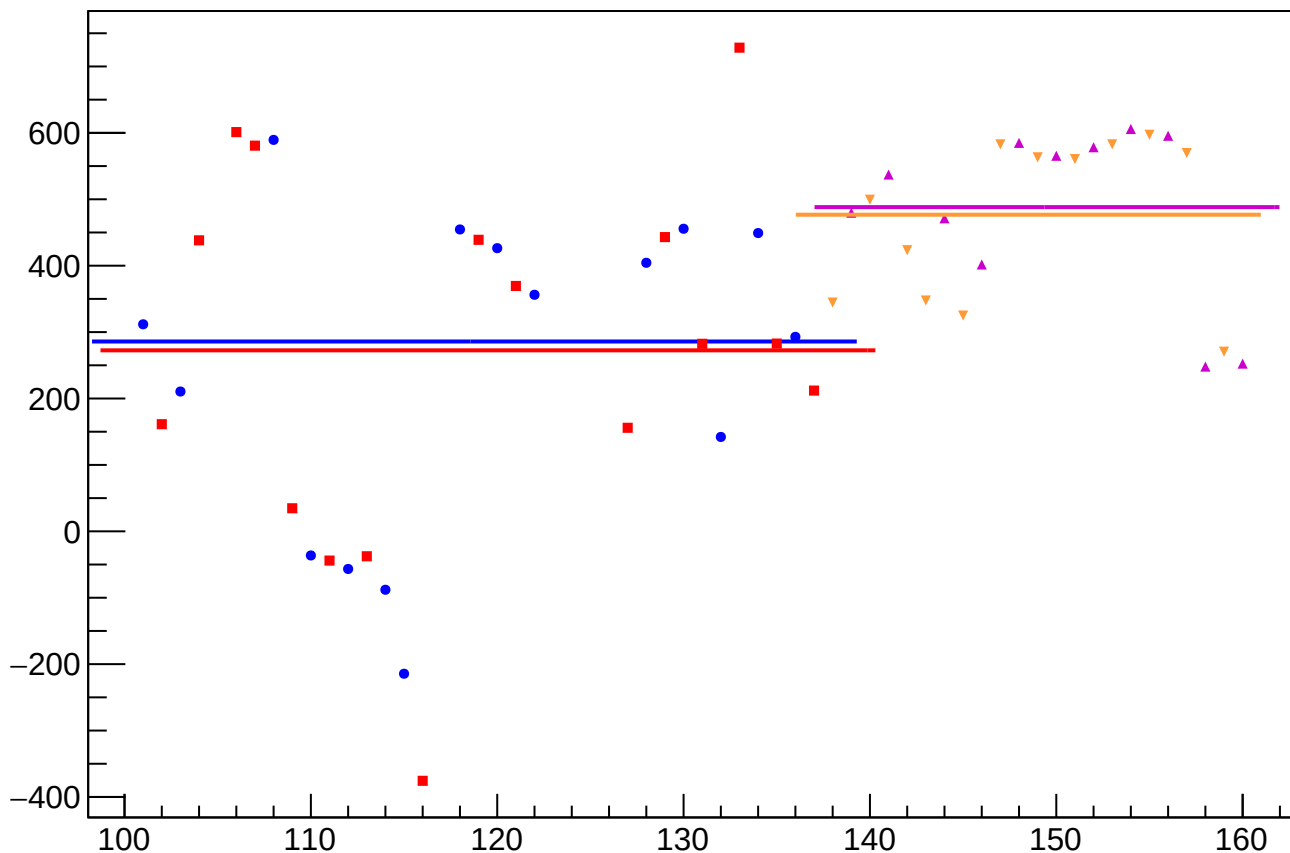
- sign 112.546 ± 0.000 χ^2/NDF : 424509210993955

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

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

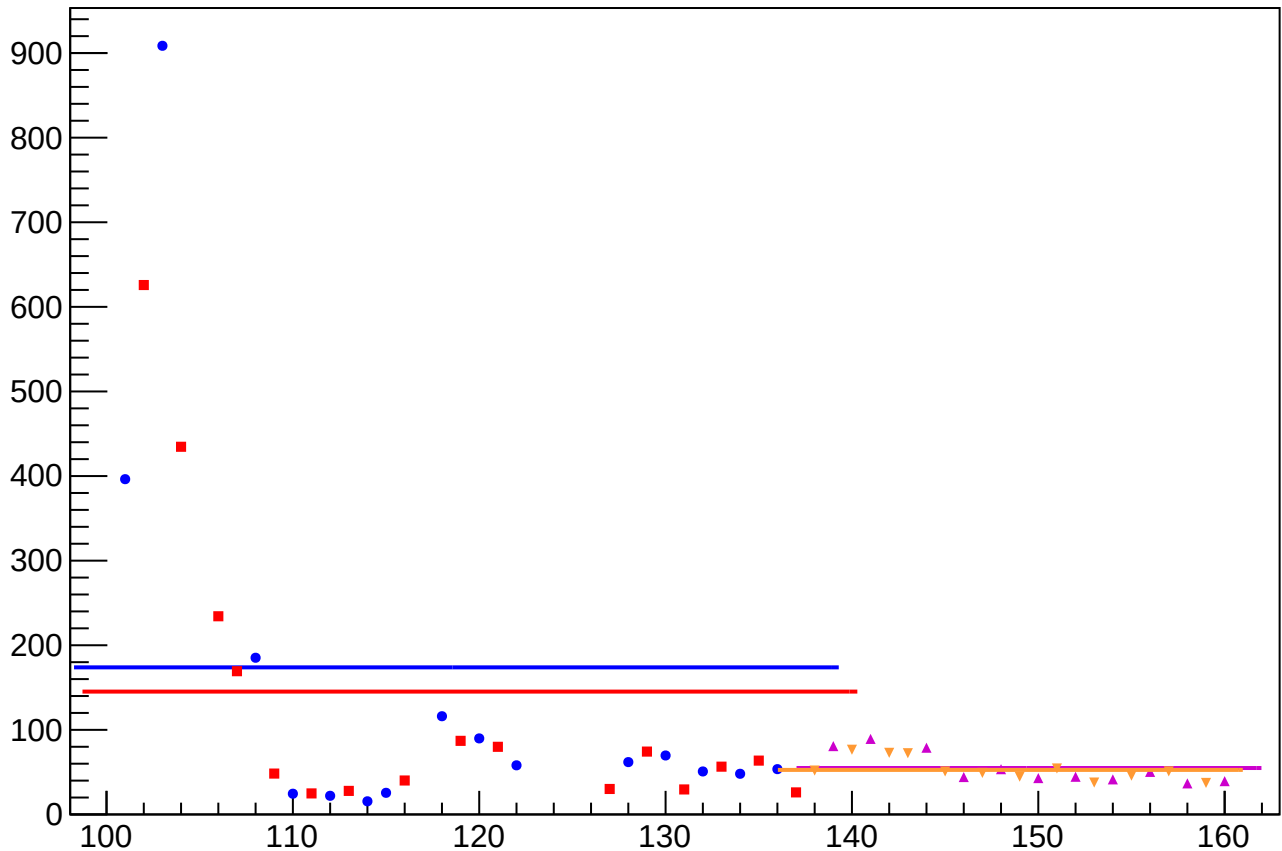
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ 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

+ sign 102.988+/-0.000 χ^2/NDF : 474219136417657

Left Out: 52.656+/-0.000 χ^2/NDF : 140159423385887976692066167541465088.0/11

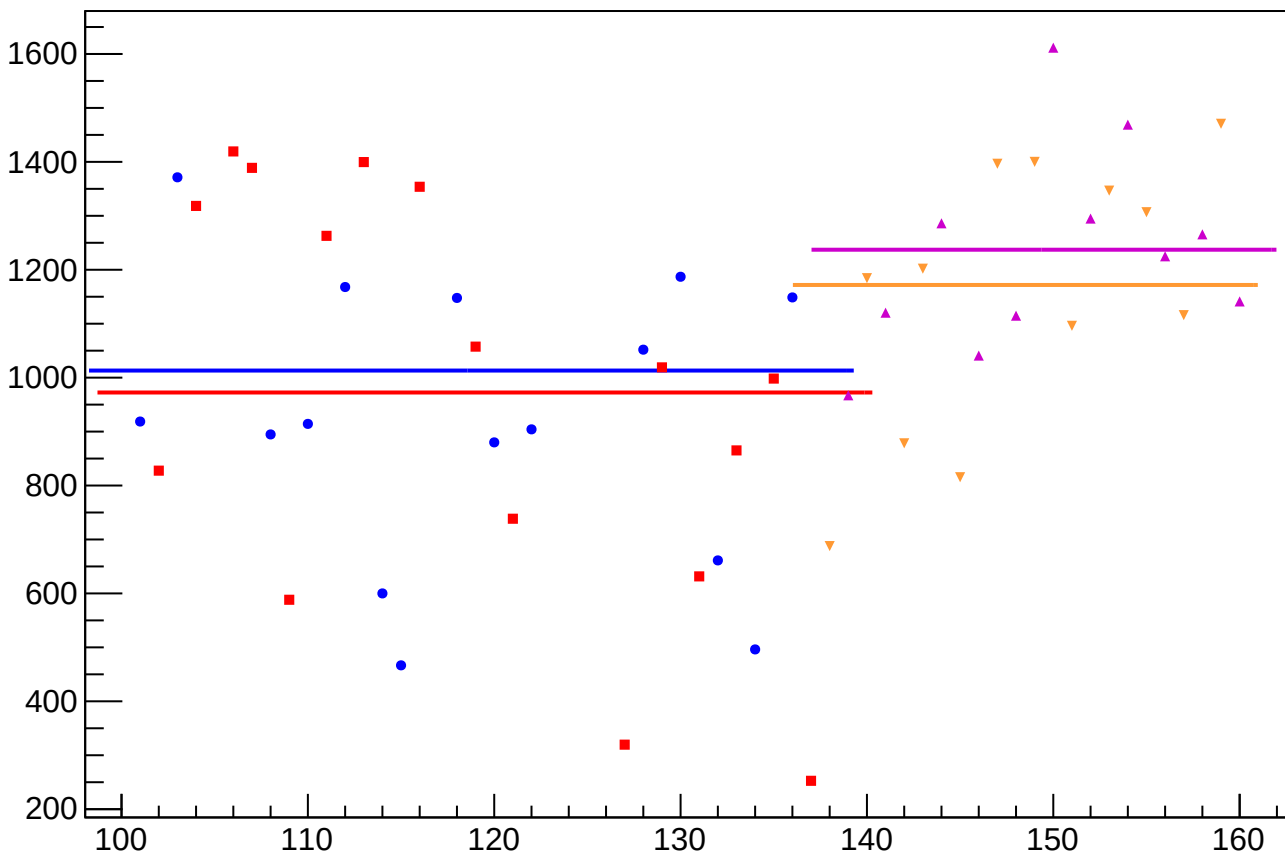
All: 97.830+/-0.000 χ^2/NDF : 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF : 2599123168114386

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

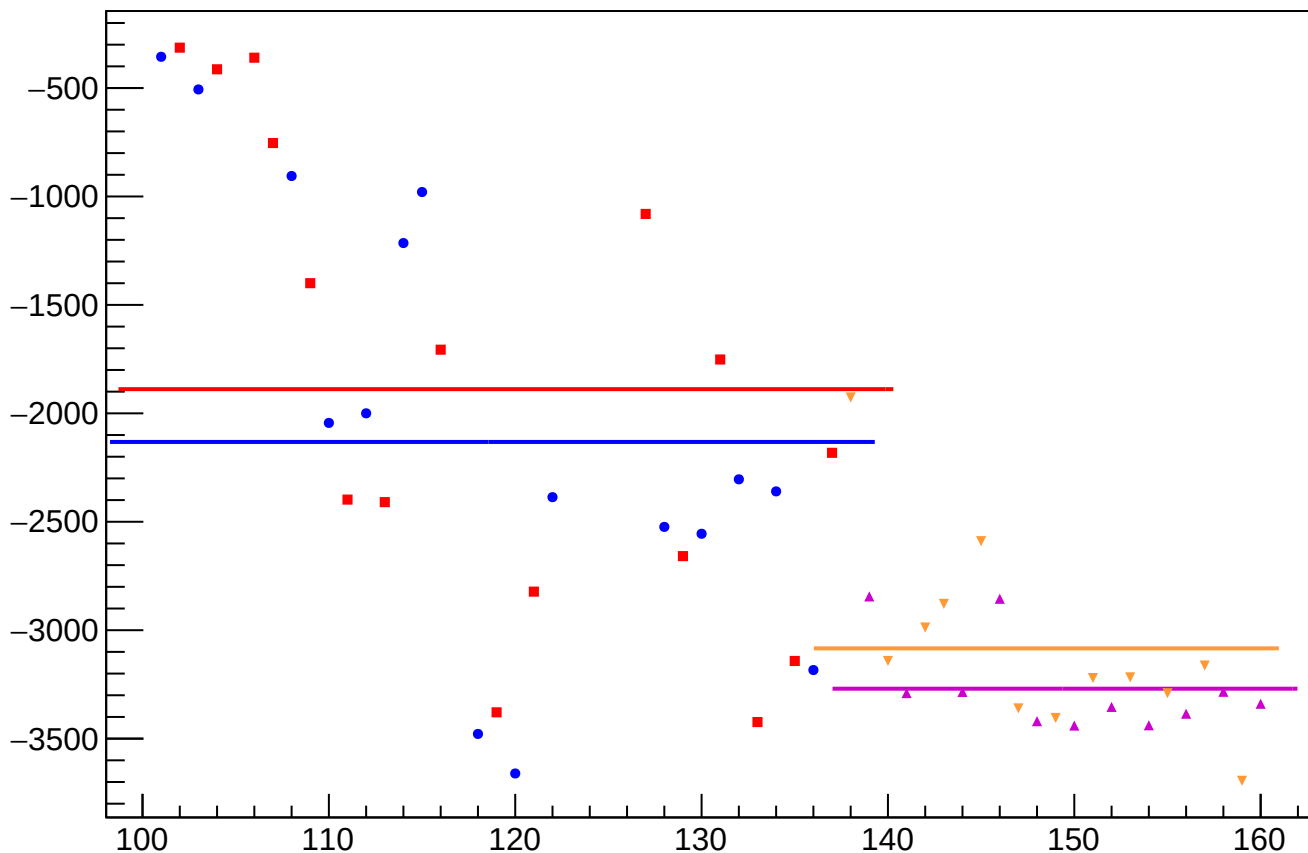
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

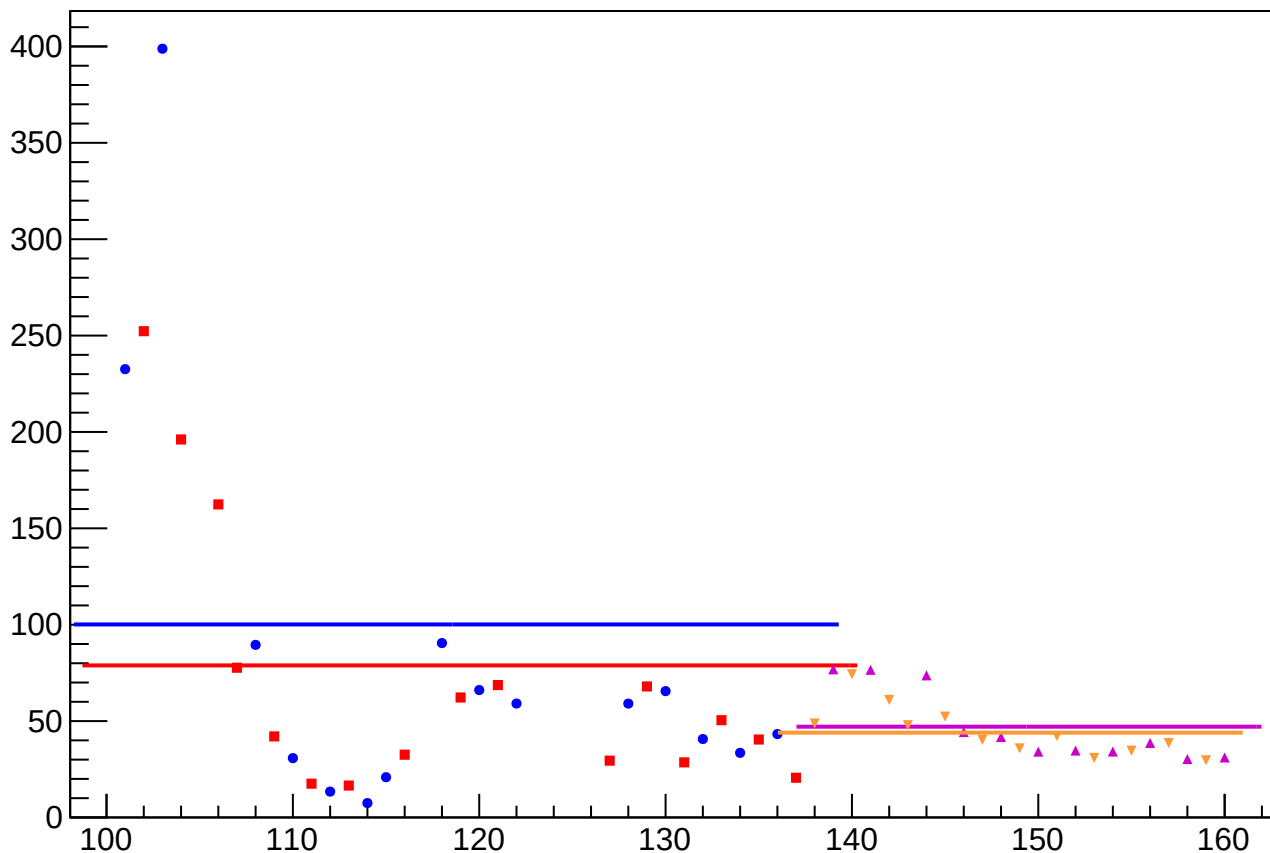
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam8_coil6_mean vs Slug



Right In: -2131.905 ± 0.000 χ^2/NDF : 722433384570495071131450661983670501376.0/14
 Left Out: -3083.729 ± 0.000 χ^2/NDF : 178322677856663824149309206068860026880.0/11
 Right Out: -1888.448 ± 0.000 χ^2/NDF : 791986665551980691032719862611769819136.0/15
 Left In: -3269.755 ± 0.000 χ^2/NDF : 38098096180391062431092176239781216256.0/10
 All: -2689.595 ± 0.000 χ^2/NDF : 2813784024
 + sign -2688.506 ± 0.000 χ^2/NDF : 1244586997830
 - sign -2690.665 ± 0.000 χ^2/NDF : 15691933486268

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

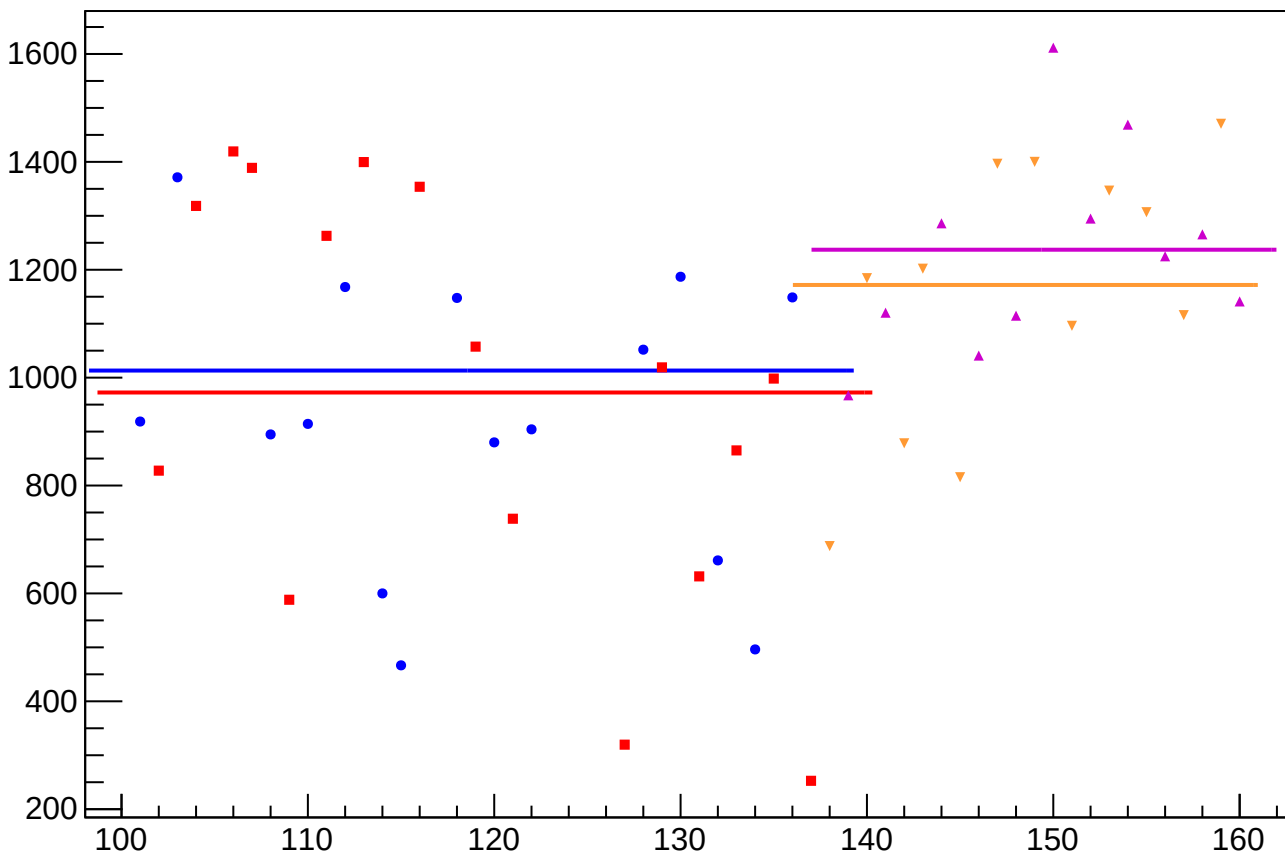
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ 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

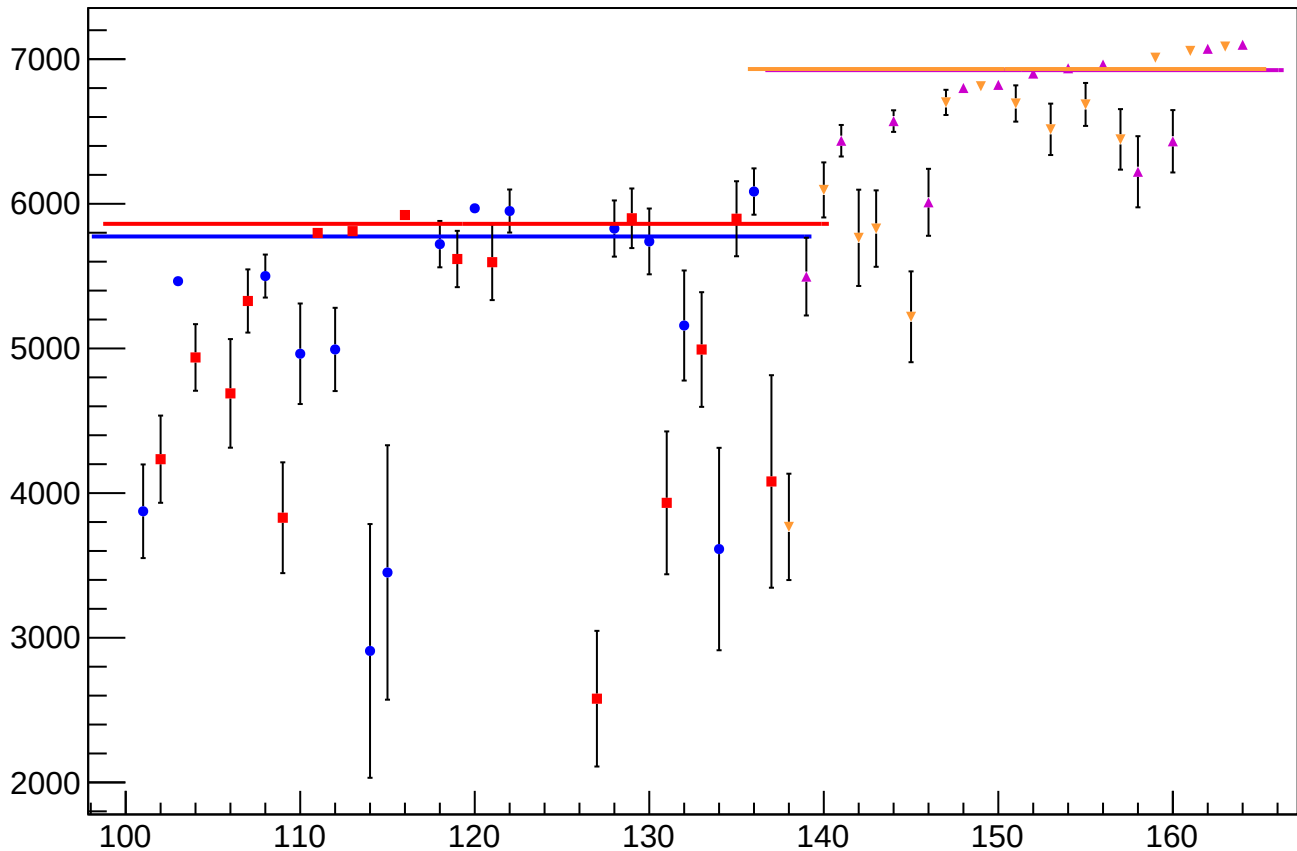
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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: 6931.710 $\pm$ 0.213 χ^2 /NDF: 291005.6/13

+ sign 6260.849 $\pm$ 0.138 χ^2 /NDF: 19231705.2/28

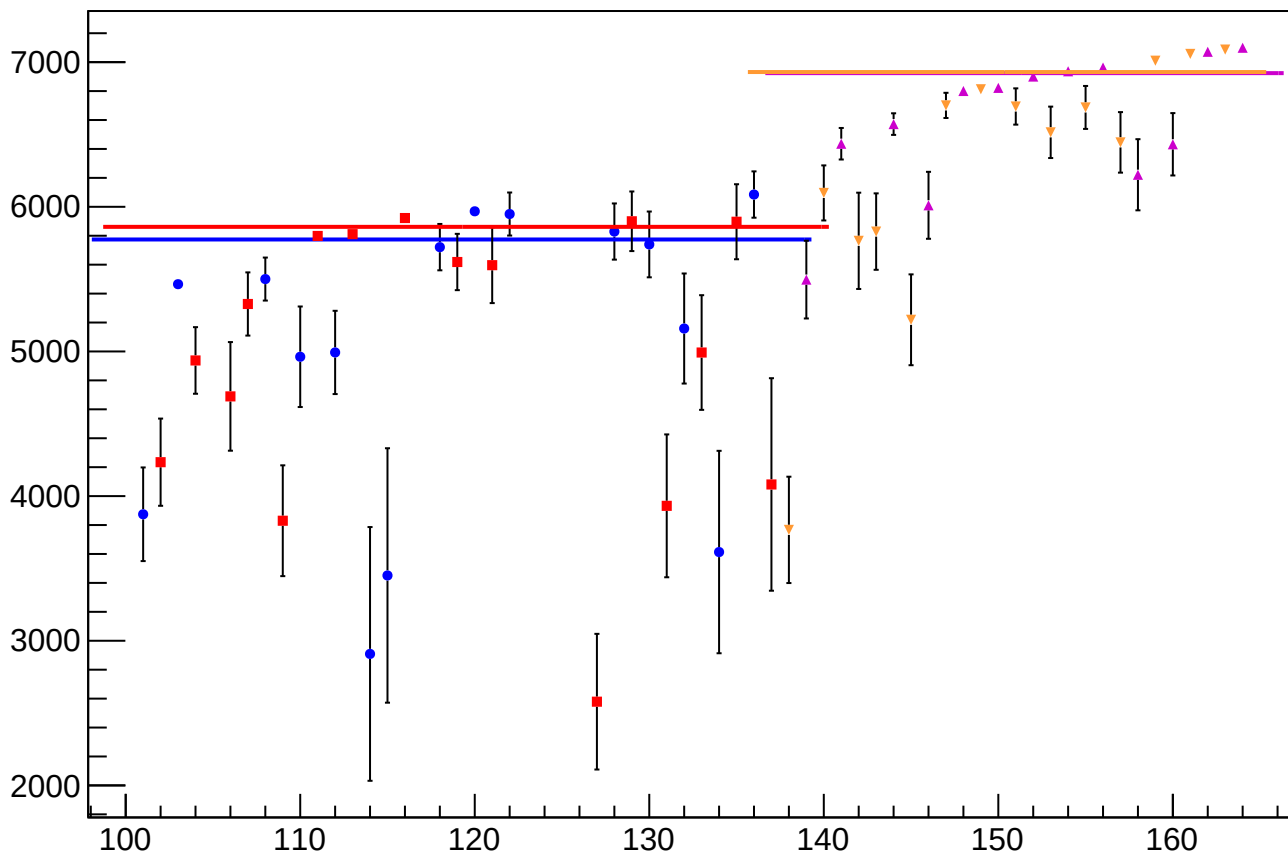
Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

All: 6317.637 $\pm$ 0.082 χ^2 /NDF: 46739515.1/5

- sign 6349.014 $\pm$ 0.103 χ^2 /NDF: 27245426.3/28

Left In: 6924.086 $\pm$ 0.152 χ^2 /NDF: 471453.1/12

dit_run_rms vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6931.710 $\pm$ 0.213 χ^2 /NDF: 291005.6/13

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

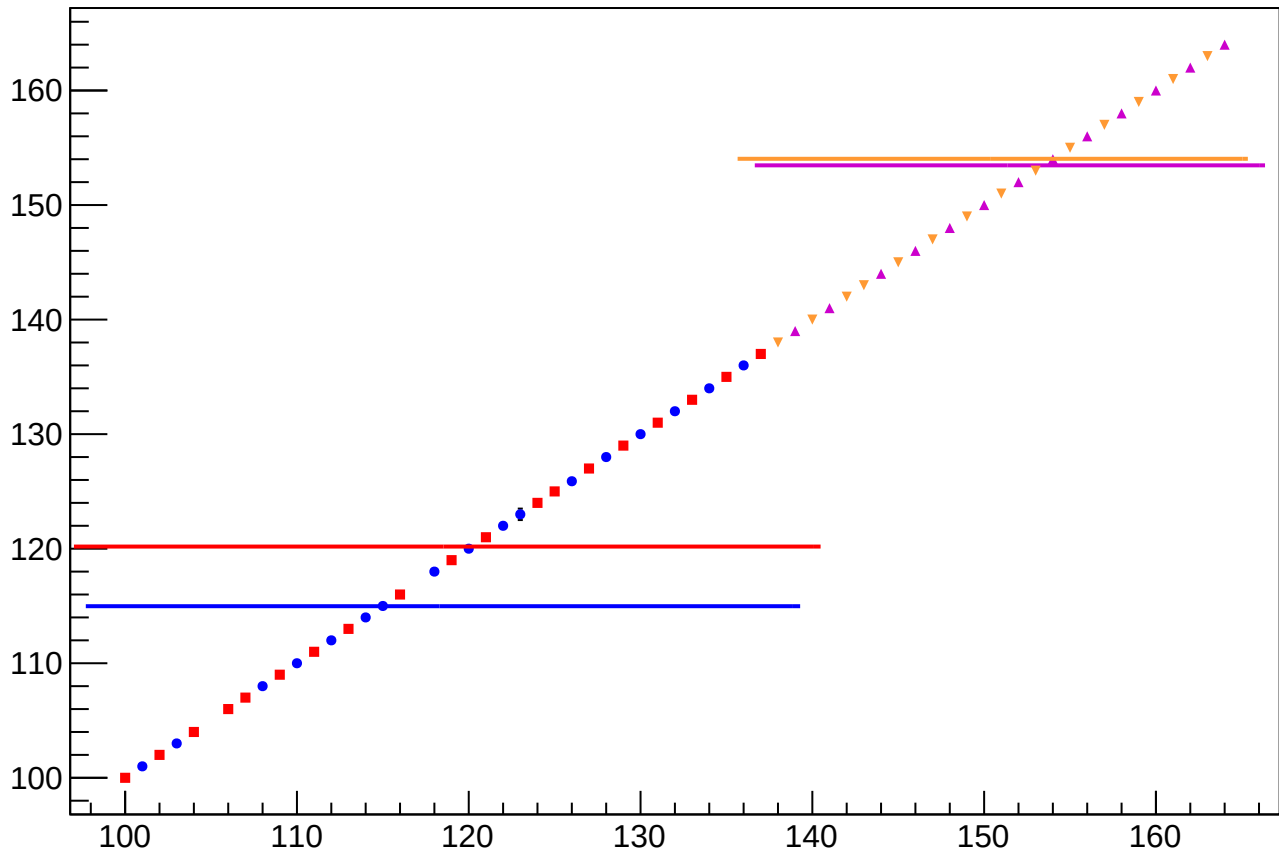
Left In: 6924.086 $\pm$ 0.152 χ^2 /NDF: 471453.1/12

+ sign 6260.849 $\pm$ 0.138 χ^2 /NDF: 19231705.2/28

All: 6317.637 $\pm$ 0.082 χ^2 /NDF: 46739515.1/5

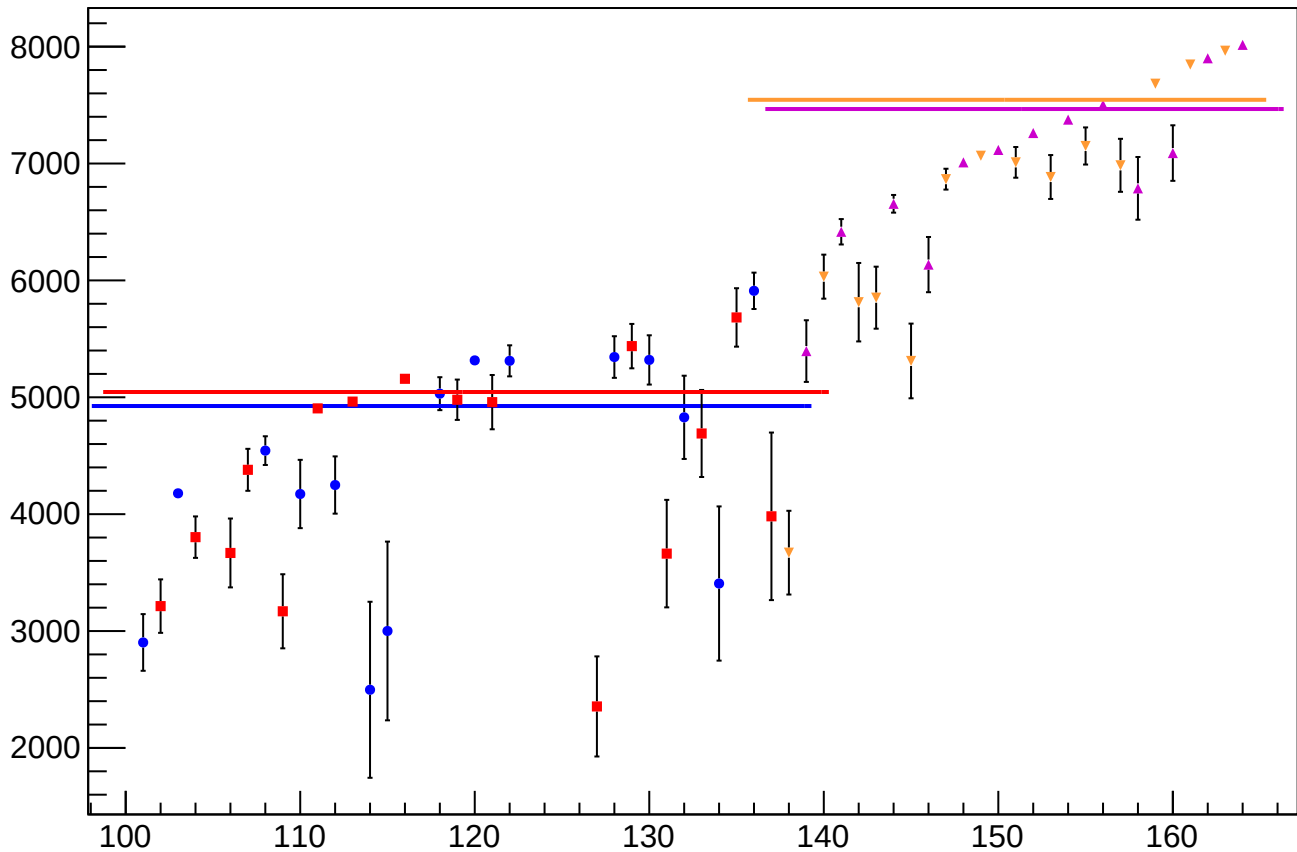
- sign 6349.014 $\pm$ 0.103 χ^2 /NDF: 27245426.3/28

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 154.037+/-0.000 χ^2/NDF : 39578585063739809170711270916096.0/13
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 153.465+/-0.000 χ^2/NDF : 22504890233625262737240130322432.0/12

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 7545.234+/-0.861 χ^2/NDF :171345.2/13

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

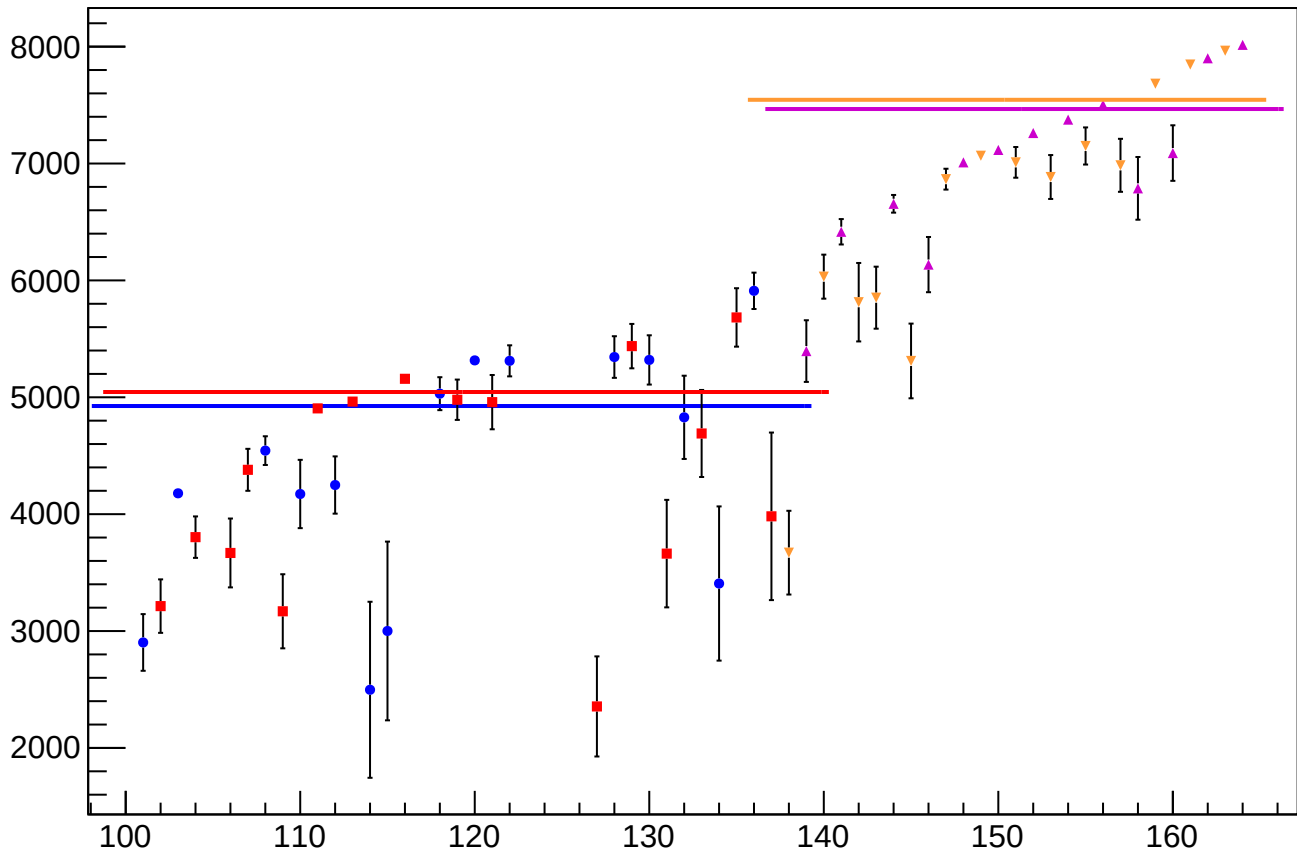
Left In: 7466.308+/-0.641 χ^2/NDF :319985.8/12

+ sign 6348.013+/-0.635 χ^2/NDF : 4732457.9/28

All: 6320.781+/-0.374 χ^2/NDF : 11931165.5/5

- sign 6306.330+/-0.462 χ^2/NDF : 7195888.6/28

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 7545.234 ± 0.861 χ^2/NDF : 171345.2/13

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

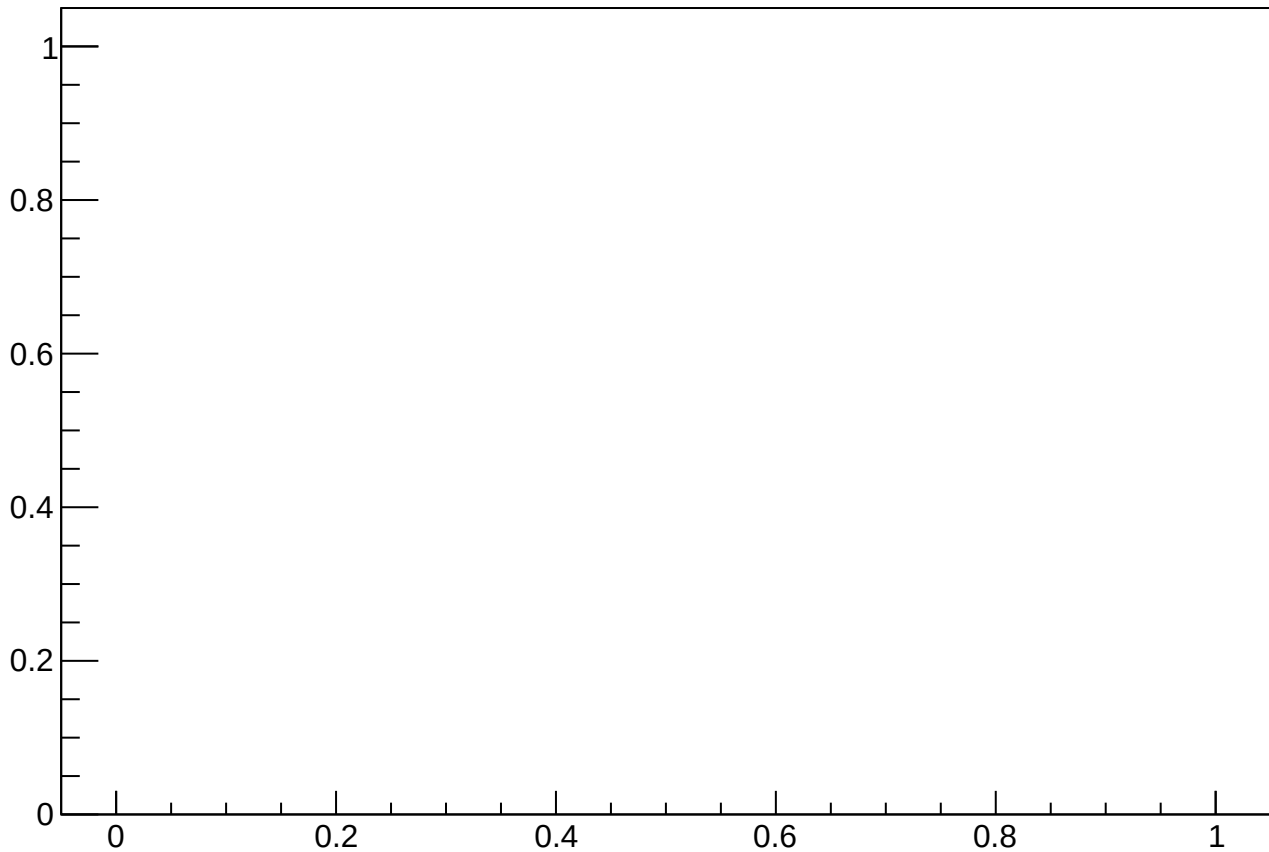
Left In: 7466.308 ± 0.641 χ^2/NDF : 319985.8/12

+ sign 6348.013 ± 0.635 χ^2/NDF : 4732457.9/28

All: 6320.781 ± 0.374 χ^2/NDF : 11931165.5/5

- sign 6306.330 ± 0.462 χ^2/NDF : 7195888.6/28

dit_scandata1_mean vs Slug



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

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

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

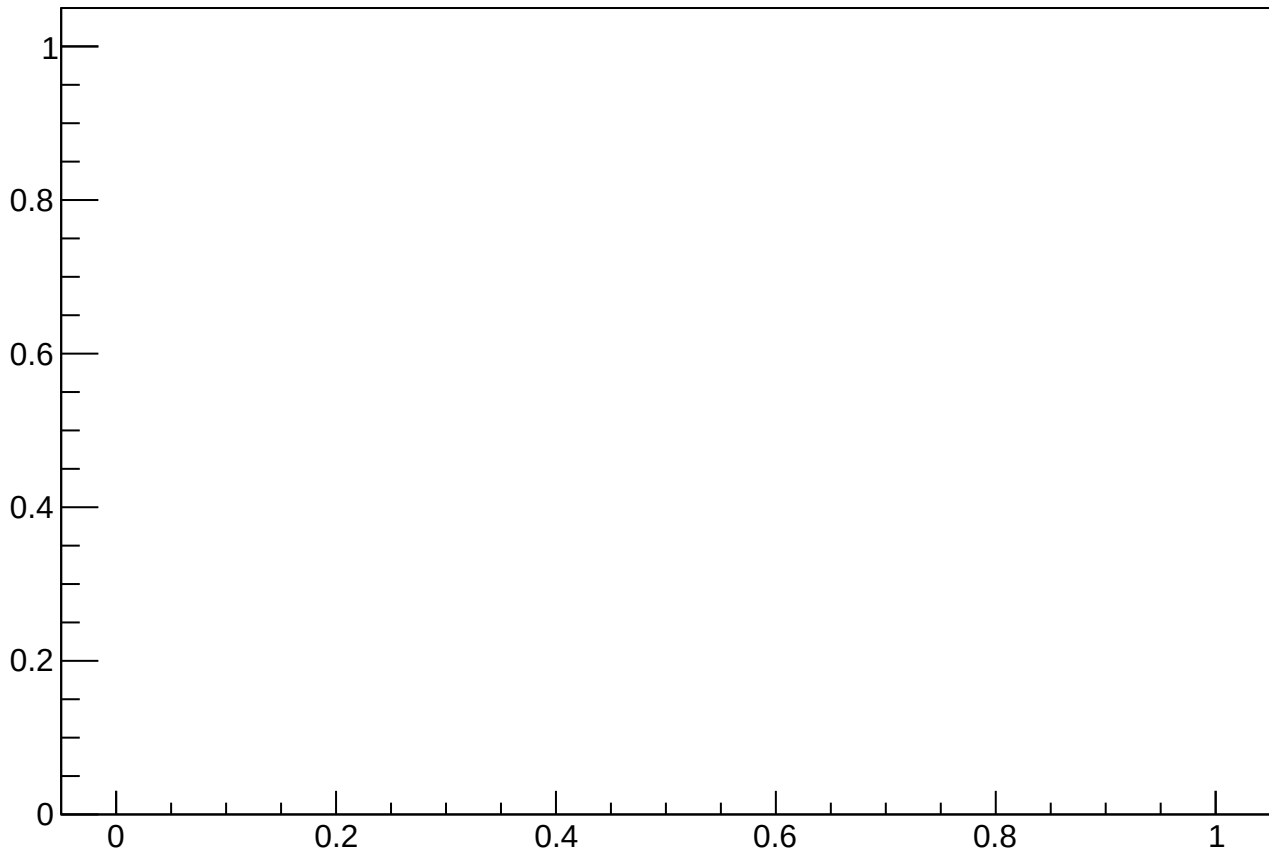
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug



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

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

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

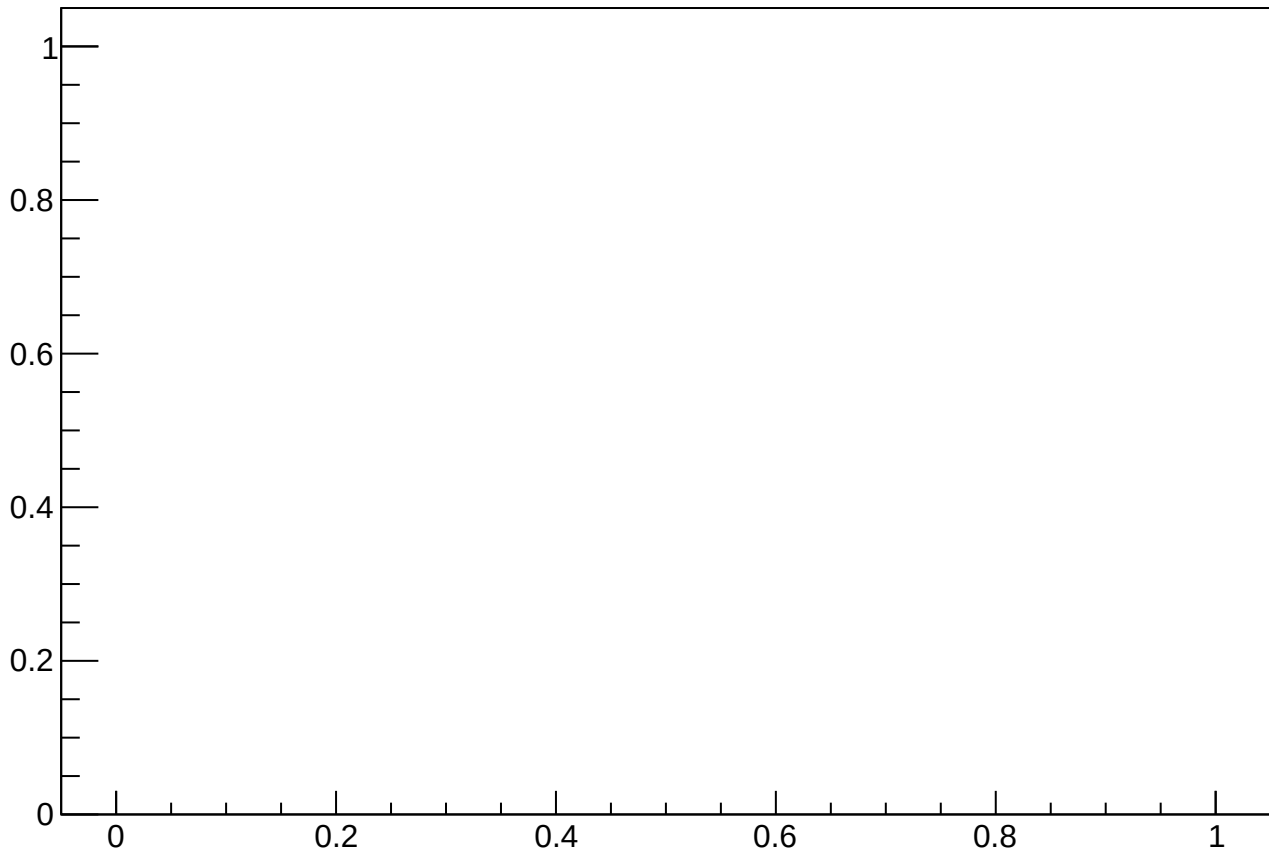
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



Right In: 0.000 $\pm$ 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

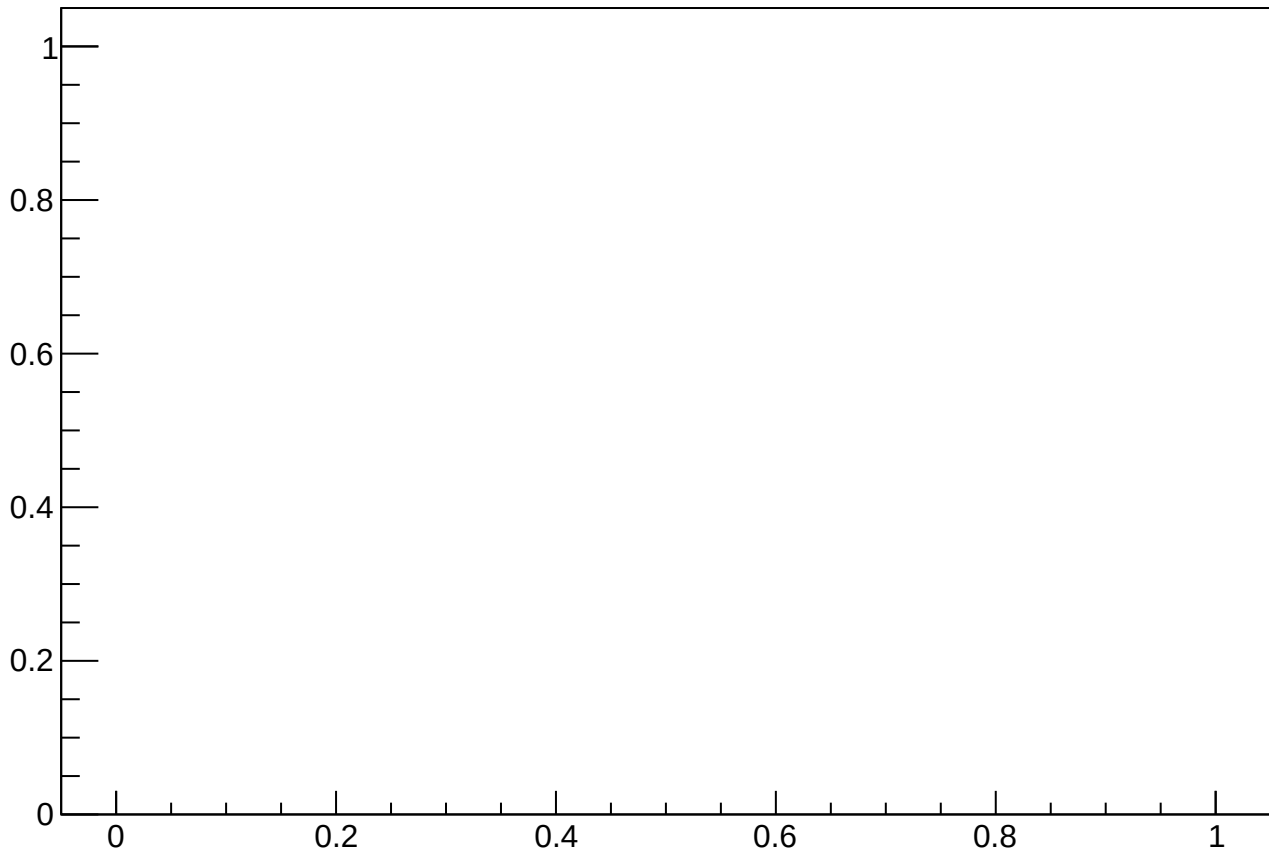
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ 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

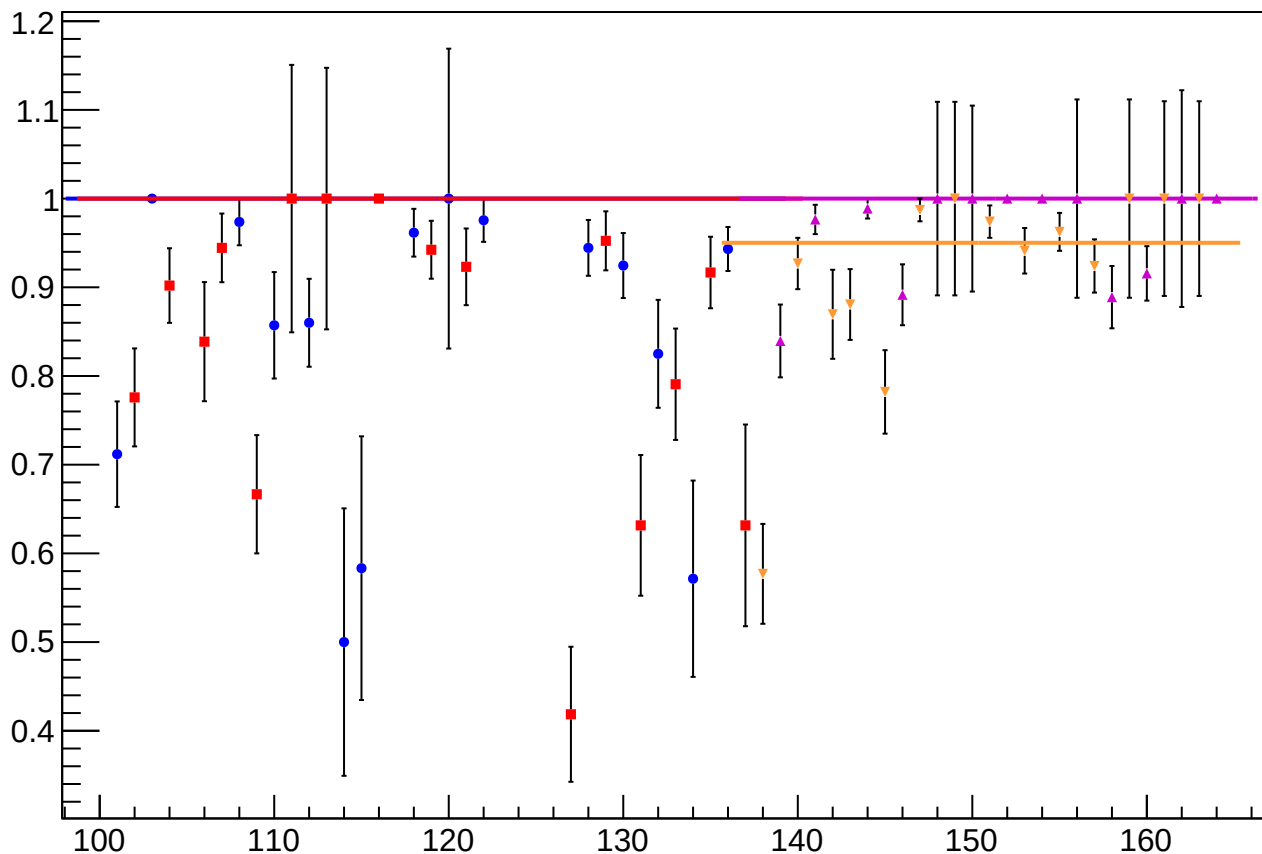
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 0.950 ± 0.008 χ^2/NDF : 75.1/13

Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

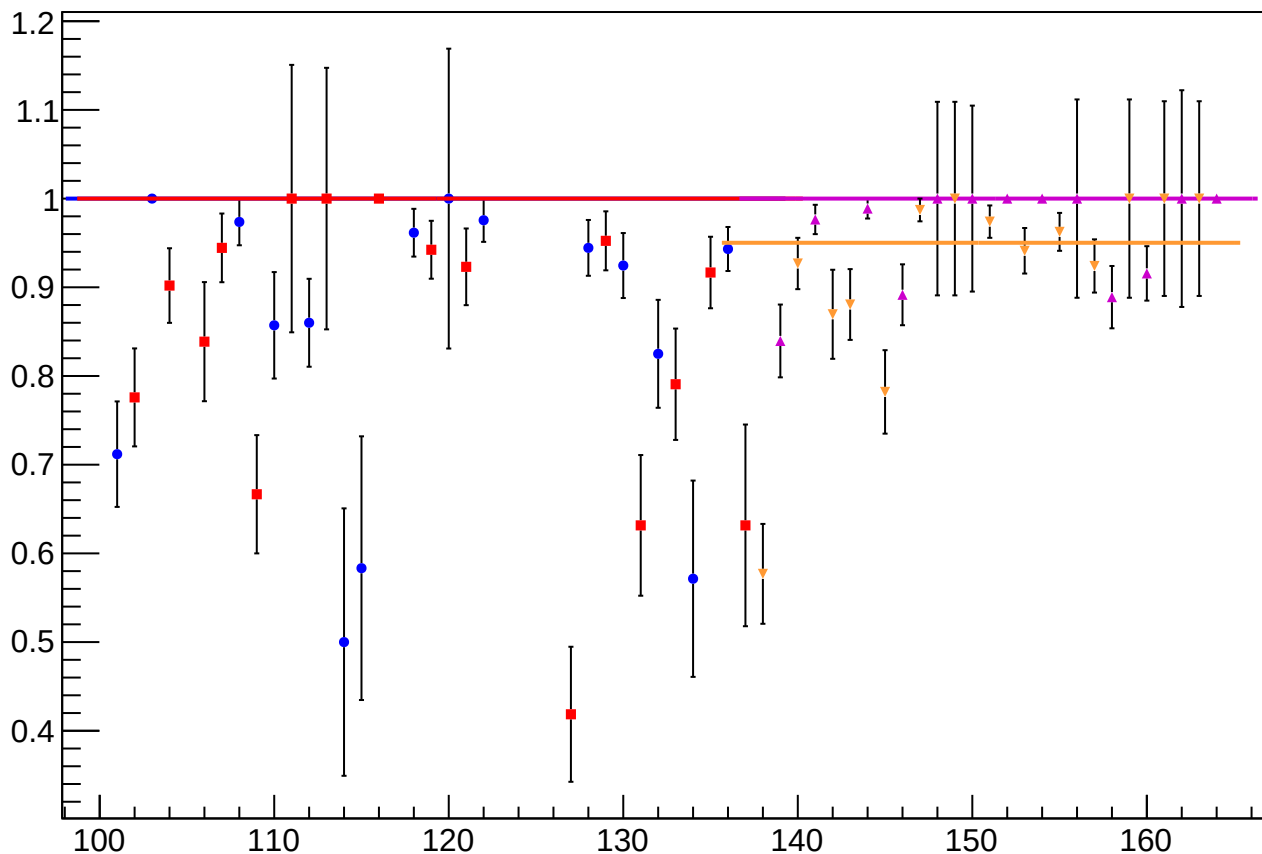
Left In: 1.000 ± 0.000 χ^2/NDF : 278.8/12

+ sign 1.000 ± 0.000 χ^2/NDF : 213.7/28

All: 1.000 ± 0.000 χ^2/NDF : 1303.4/57

- sign 1.000 ± 0.000 χ^2/NDF : 472.7/28

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 0.950 $\pm$ 0.008 χ^2 /NDF: 75.1/13

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

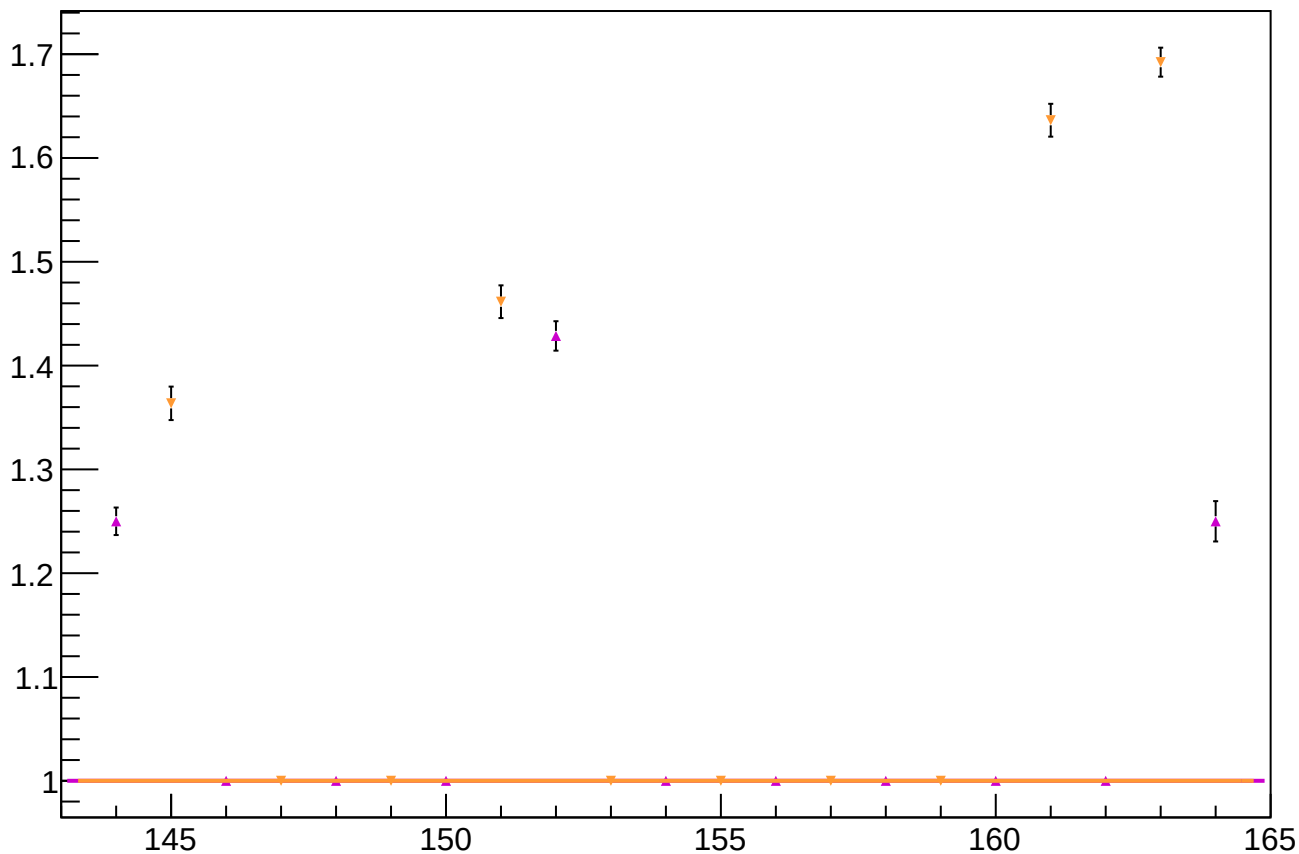
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF: 278.8/12

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 213.7/28

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1303.4/57

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 472.7/28

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 : 6735.5/9

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

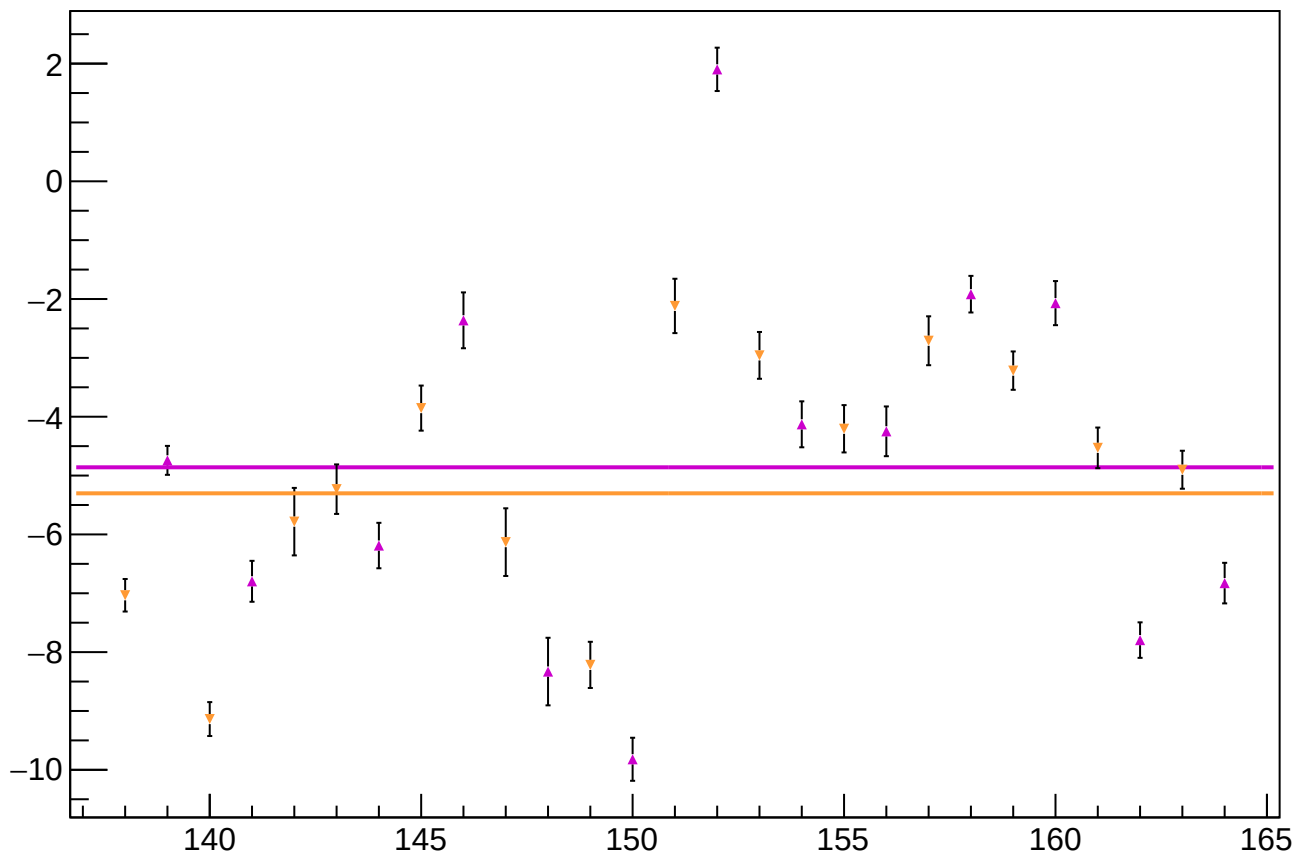
Left In: 1.000+/-0.000 χ^2/NDF : 2095.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 8024.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -5.302+/-0.100 χ^2/NDF : 464.9/13

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

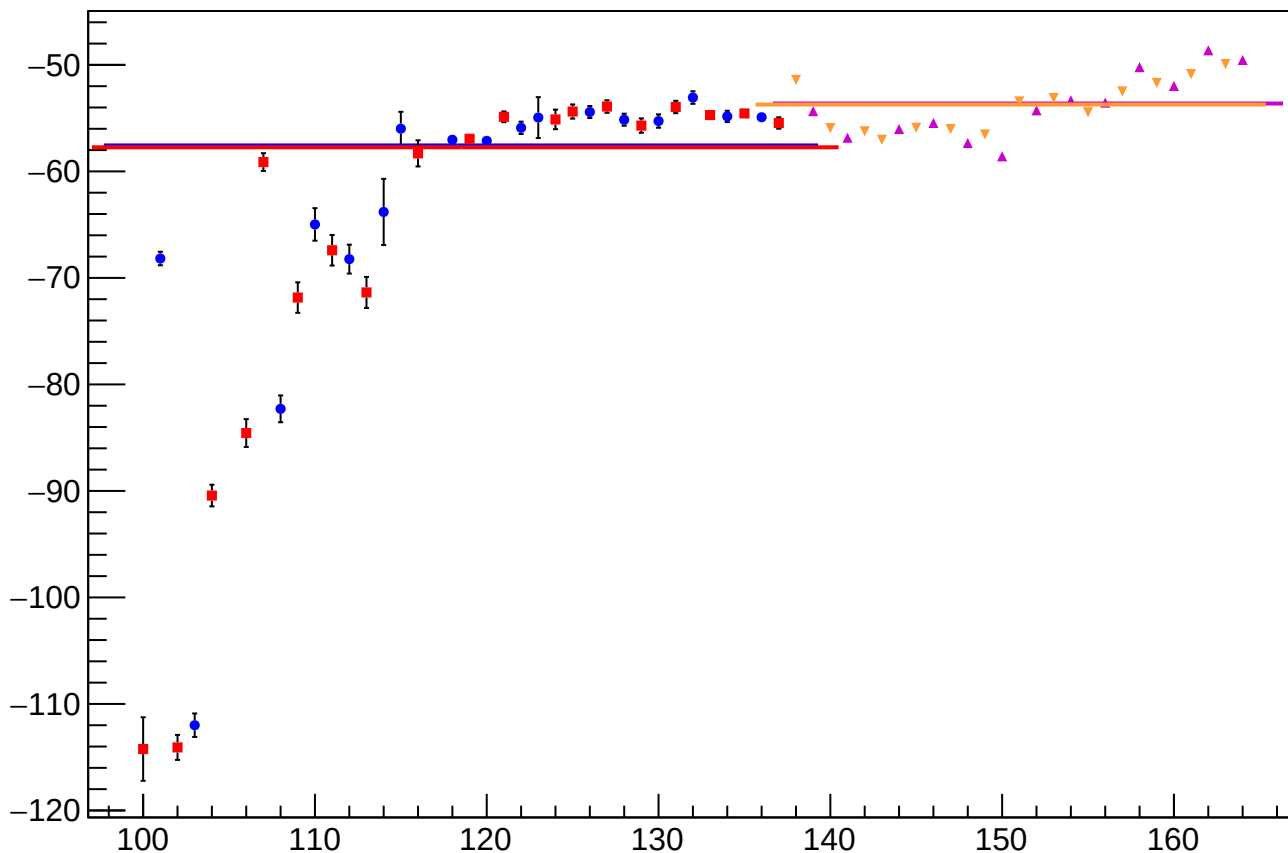
Left In: -4.860+/-0.099 χ^2/NDF : 906.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.078+/-0.070 χ^2/NDF : 1381.0/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -53.724 ± 0.073 χ^2/NDF : 1033.4/13

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

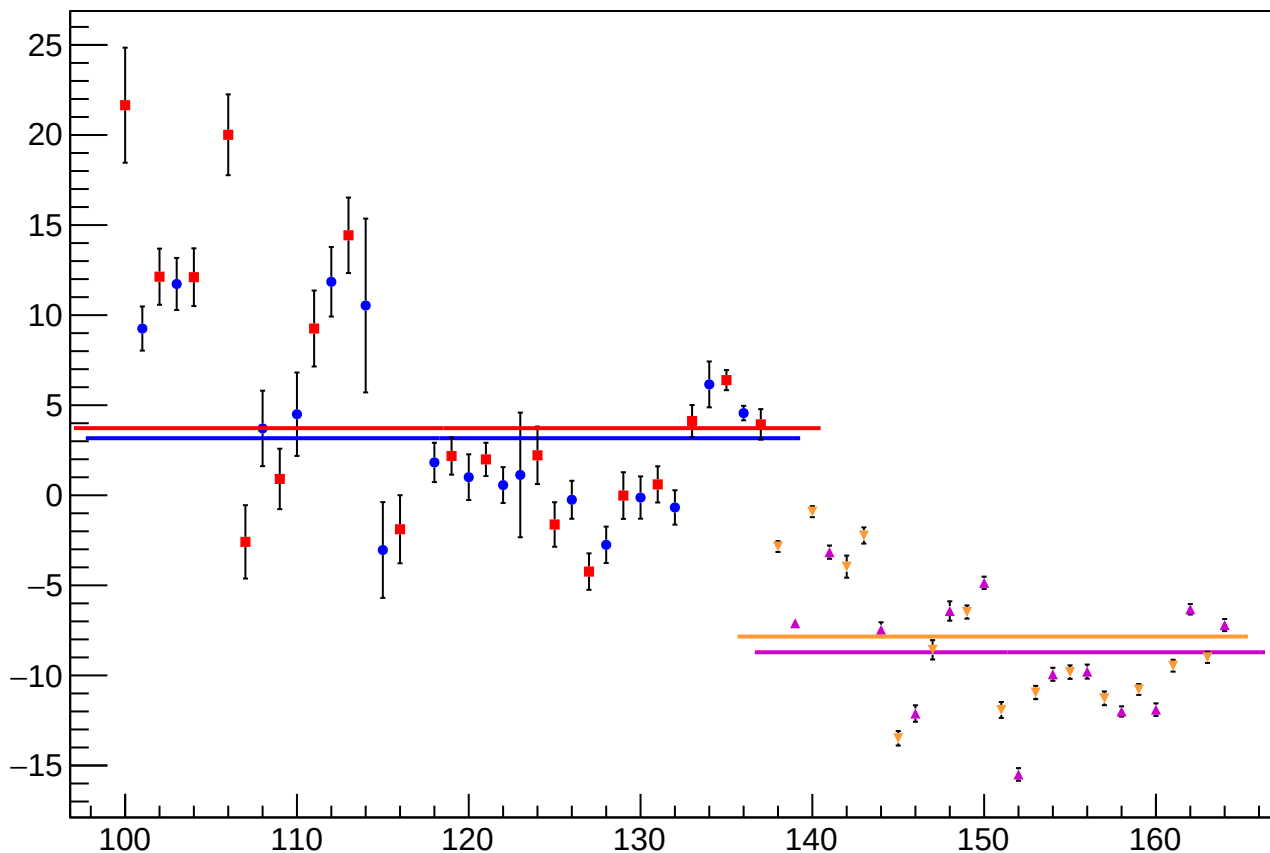
Left In: -53.627 ± 0.075 χ^2/NDF : 1761.7/12

+ sign -54.534 ± 0.065 χ^2/NDF : 5070.3/30

All: -54.524 ± 0.046 χ^2/NDF : 12177.9/62

- sign -54.514 ± 0.066 χ^2/NDF : 7107.5/31

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -7.842 ± 0.098 χ^2/NDF : 1590.5/13

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

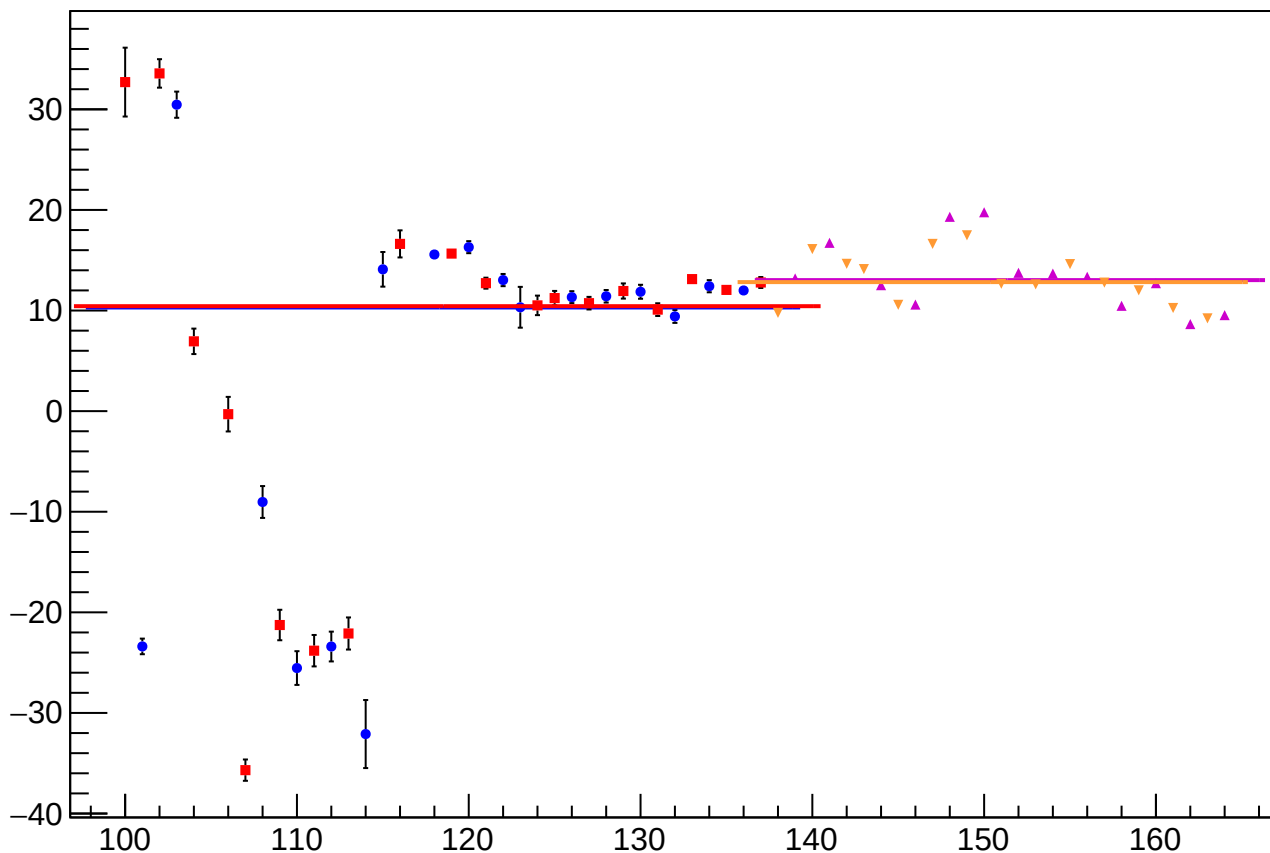
Left In: -8.715 ± 0.097 χ^2/NDF : 1164.1/12

+ sign -6.441 ± 0.092 χ^2/NDF : 3369.4/30

All: -6.865 ± 0.065 χ^2/NDF : 6817.9/62

- sign -7.278 ± 0.091 χ^2/NDF : 3406.5/31

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 $\pm$ 0.157 χ^2 /NDF: 3712.3/16

Left Out: 12.827 $\pm$ 0.084 χ^2 /NDF: 939.1/13

Right Out: 10.433 $\pm$ 0.160 χ^2 /NDF: 3828.5/18

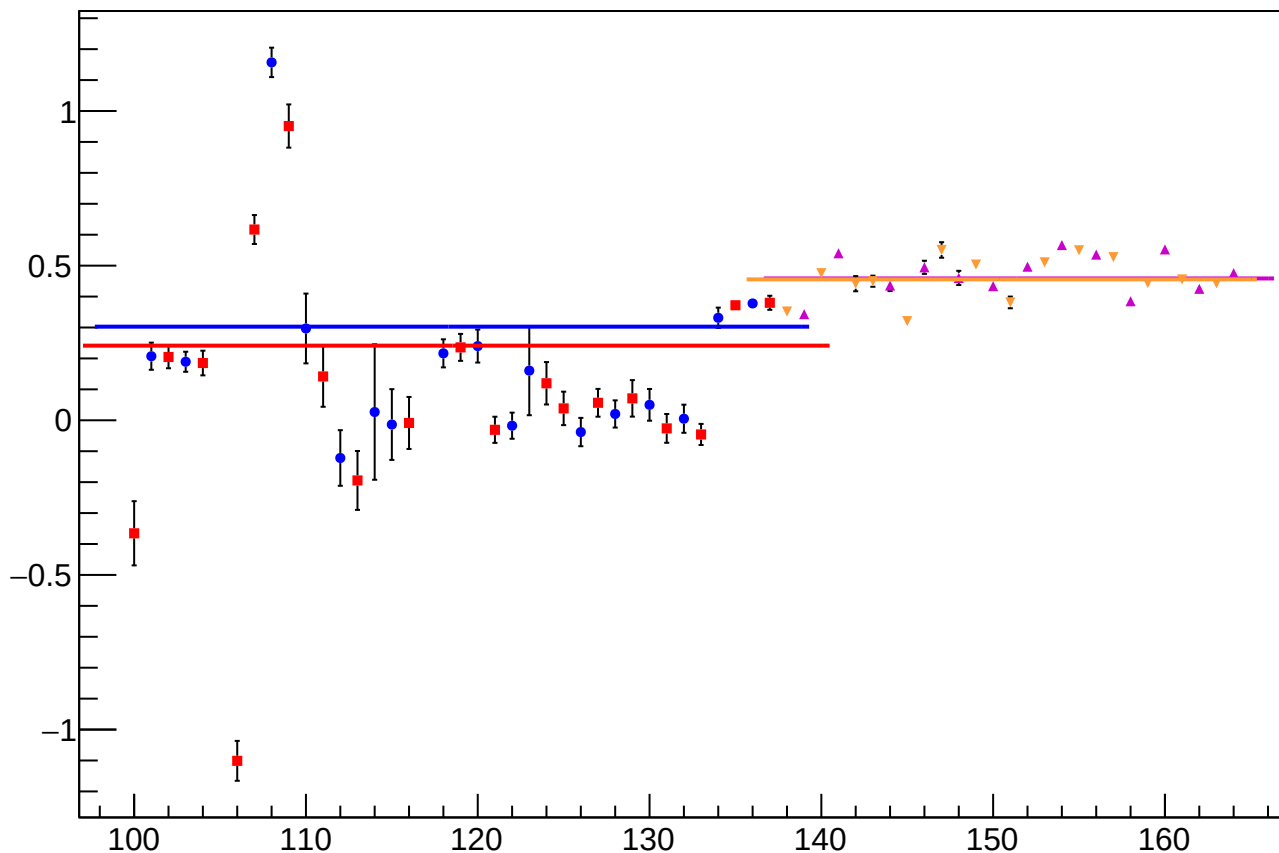
Left In: 13.024 $\pm$ 0.085 χ^2 /NDF: 1564.8/12

+ sign 12.266 $\pm$ 0.074 χ^2 /NDF: 4852.5/30

All: 12.360 $\pm$ 0.053 χ^2 /NDF: 10454.1/62

- sign 12.456 $\pm$ 0.075 χ^2 /NDF: 5598.3/31

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.456 ± 0.004 χ^2/NDF : 299.1/13

Right Out: 0.241 ± 0.008 χ^2/NDF : 986.7/18

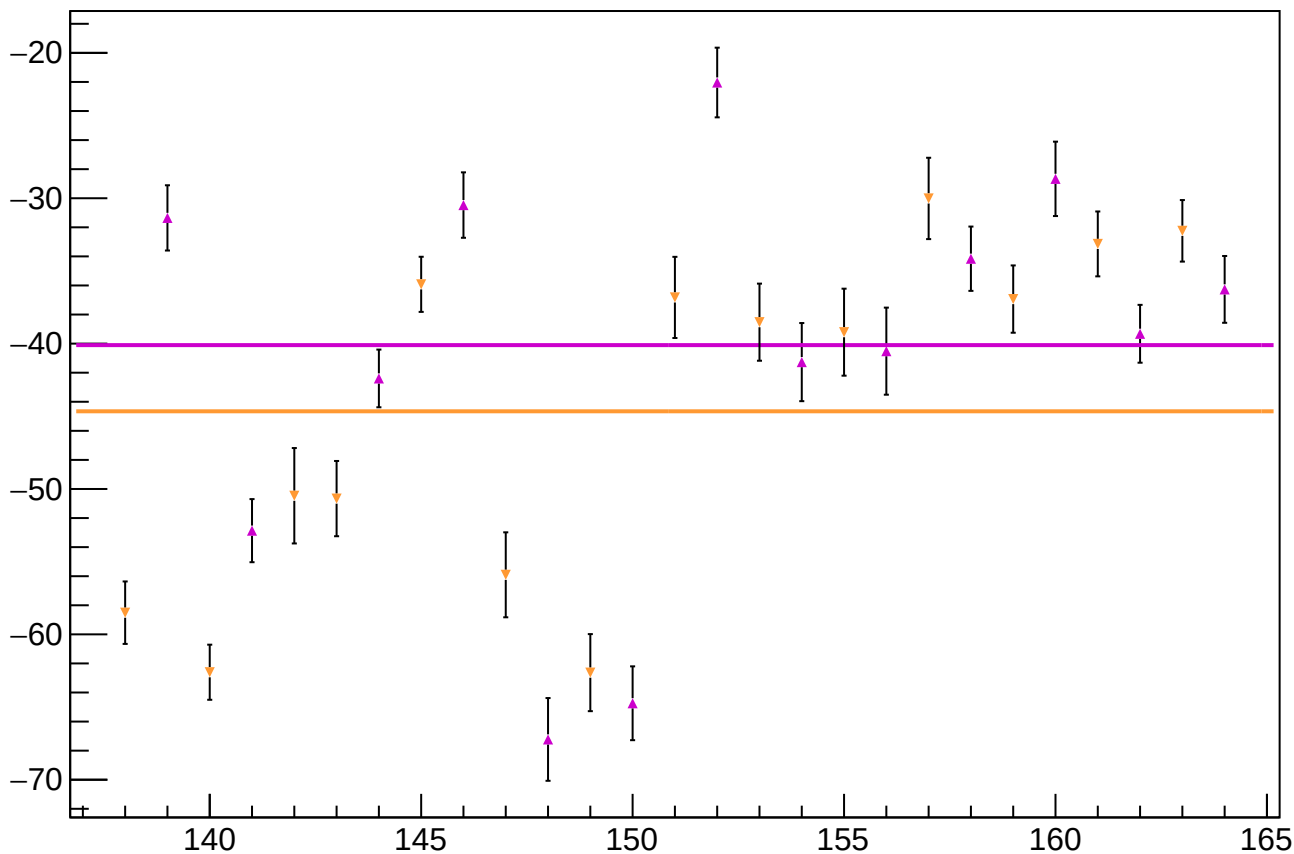
Left In: 0.459 ± 0.004 χ^2/NDF : 418.8/12

+ sign 0.429 ± 0.003 χ^2/NDF : 1232.6/30

All: 0.426 ± 0.002 χ^2/NDF : 3189.3/62

- sign 0.424 ± 0.003 χ^2/NDF : 1955.6/31

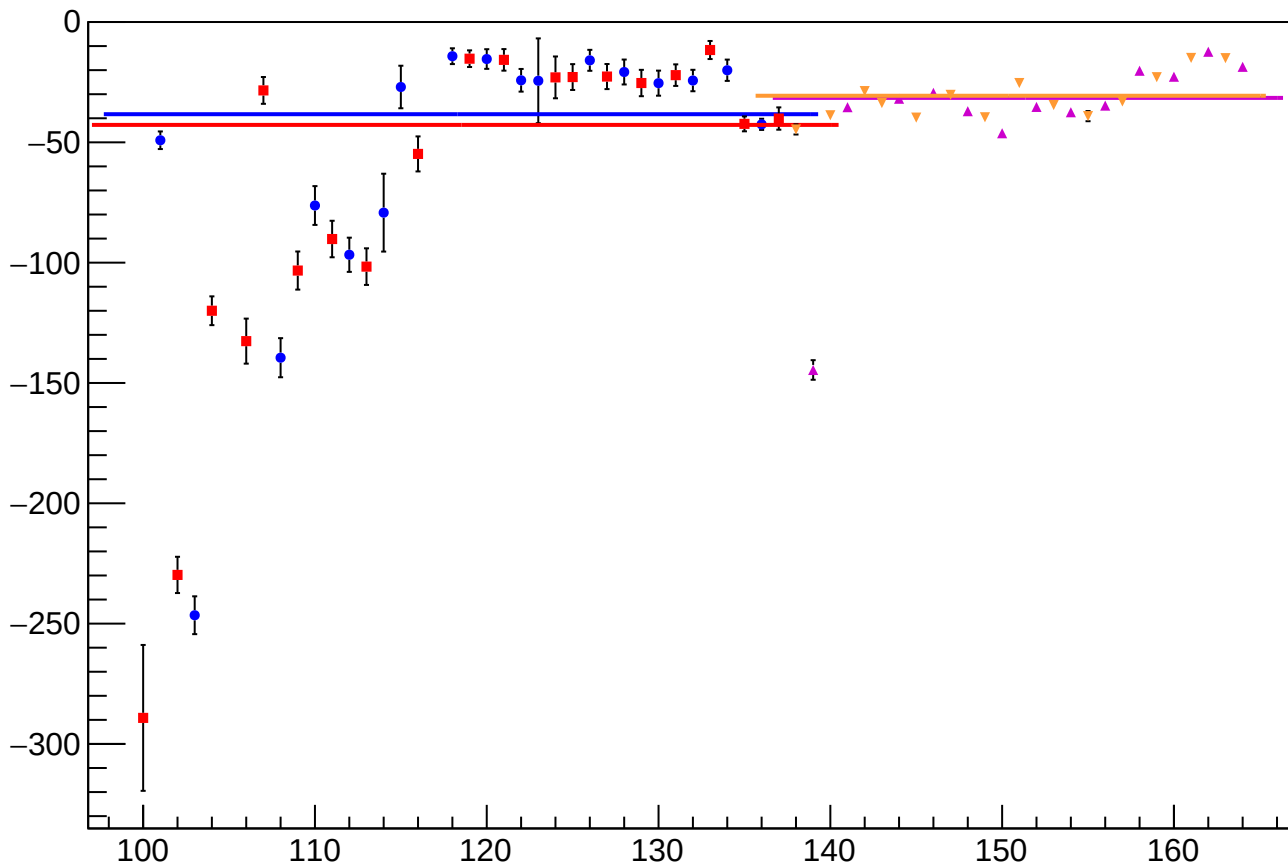
reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -44.656+/-0.646 χ^2/NDF : 337.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.103+/-0.650 χ^2/NDF : 341.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -42.395+/-0.458 χ^2/NDF : 704.1/26
 - 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: -30.641 ± 0.455 χ^2/NDF : 390.3/13

Right Out: -42.756 ± 1.211 χ^2/NDF : 1341.6/18

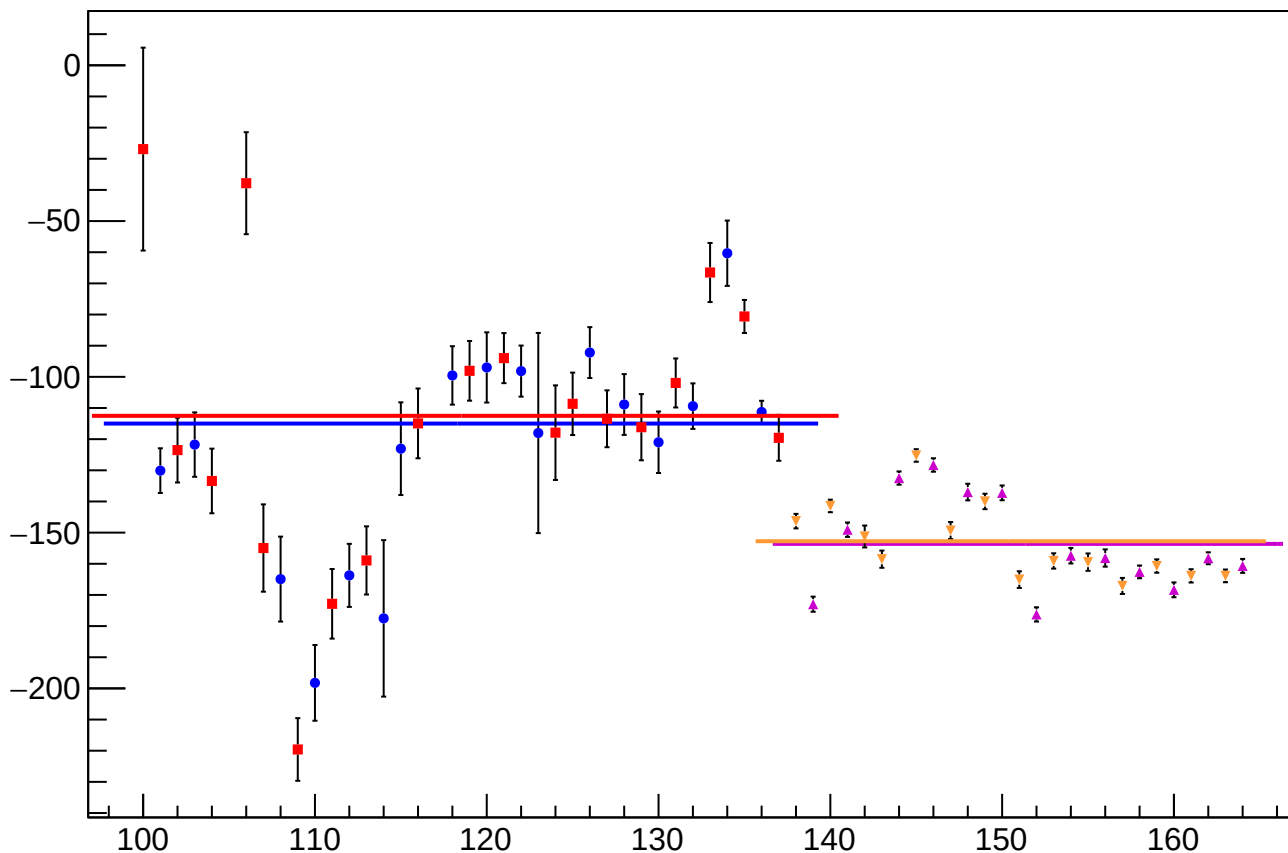
Left In: -31.532 ± 0.464 χ^2/NDF : 1160.1/12

+ sign -31.700 ± 0.422 χ^2/NDF : 1562.2/30

All: -32.318 ± 0.302 χ^2/NDF : 4143.3/62

- sign -32.967 ± 0.433 χ^2/NDF : 2576.7/31

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -152.761 ± 0.639 $\chi^2/\text{NDF}: 393.3/13$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

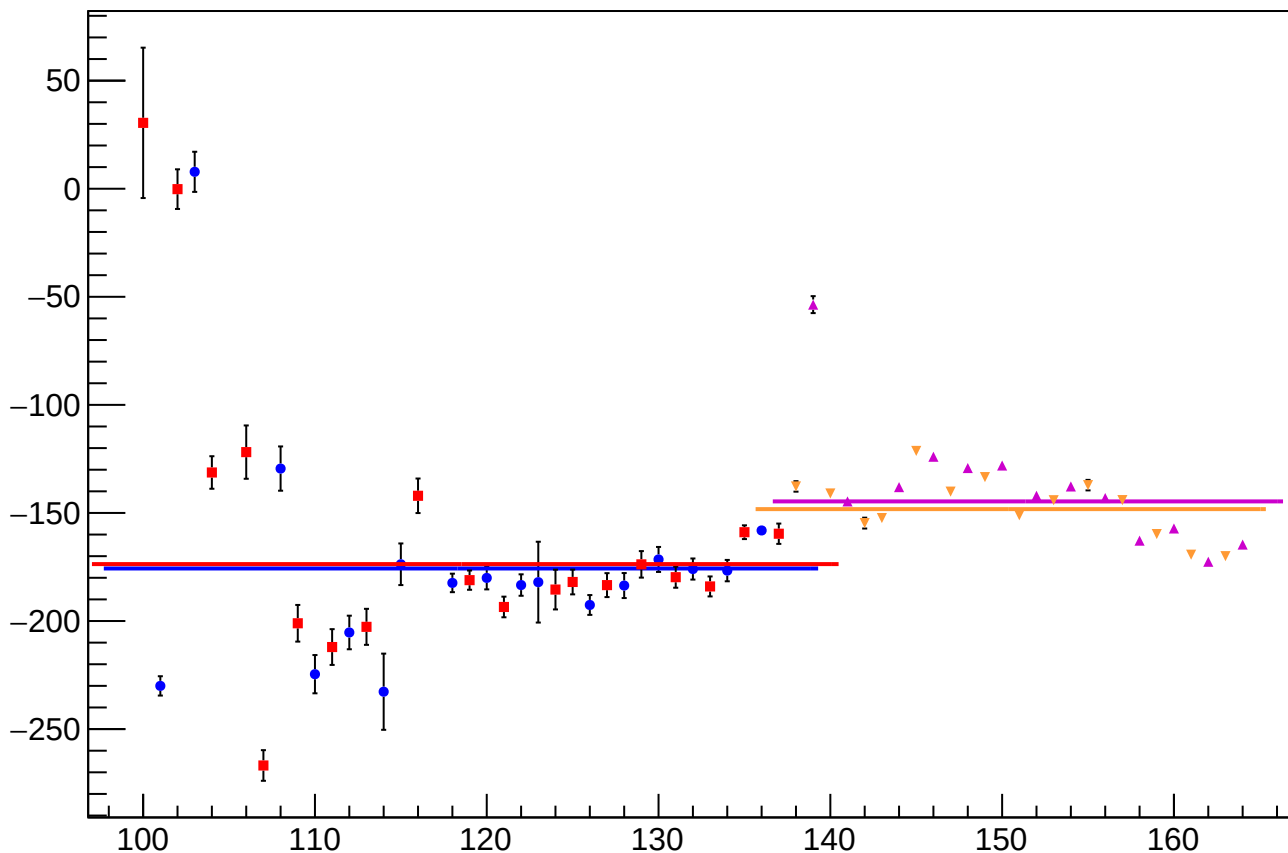
Left In: -153.616 ± 0.635 $\chi^2/\text{NDF}: 566.4/12$

+ sign -149.477 ± 0.611 $\chi^2/\text{NDF}: 838.3/30$

All: -149.976 ± 0.432 $\chi^2/\text{NDF}: 1999.7/62$

- sign -150.473 ± 0.610 $\chi^2/\text{NDF}: 1160.1/31$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -148.232 ± 0.531 χ^2/NDF : 750.1/13

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

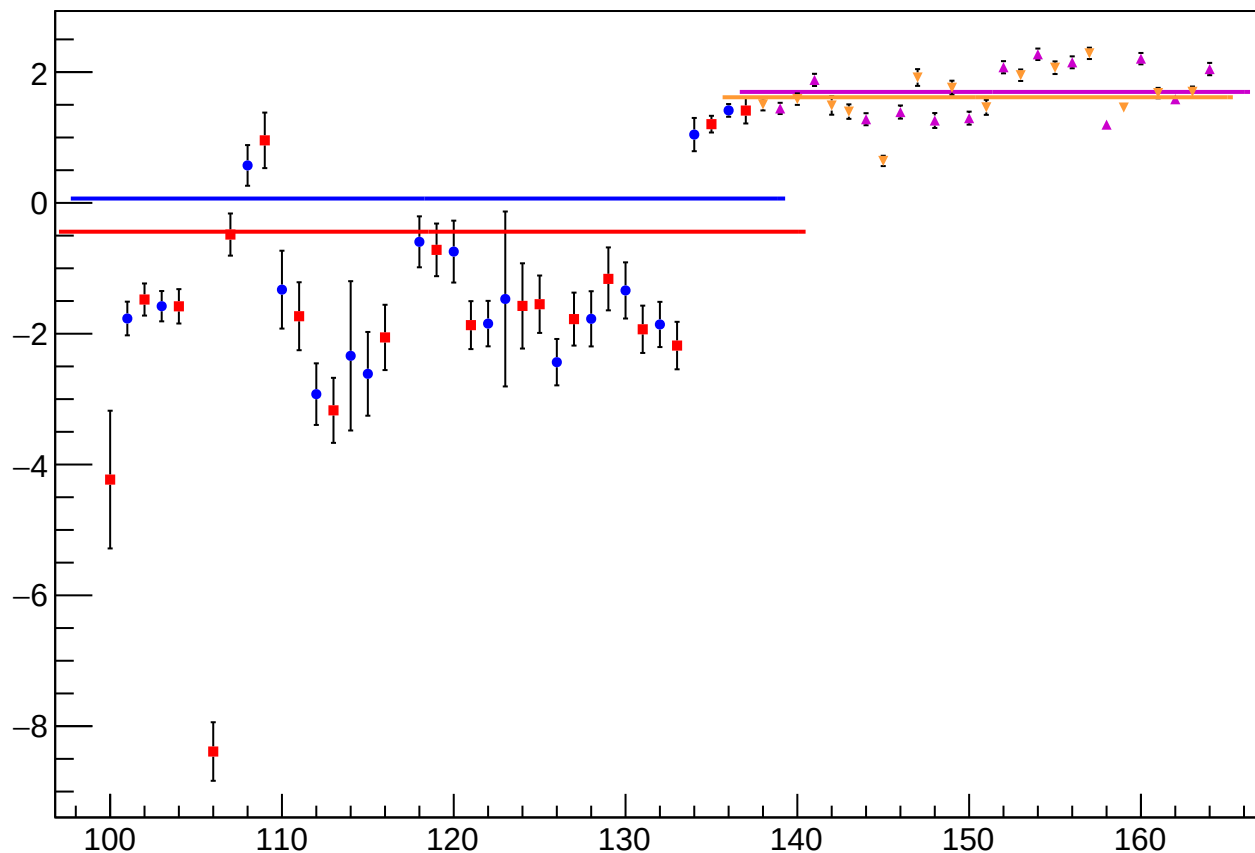
Left In: -144.660 ± 0.536 χ^2/NDF : 1396.4/12

+ sign -152.325 ± 0.489 χ^2/NDF : 1842.5/30

All: -150.491 ± 0.349 χ^2/NDF : 4401.0/62

- sign -148.585 ± 0.499 χ^2/NDF : 2529.8/31

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.615 ± 0.025 χ^2/NDF : 269.0/13

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

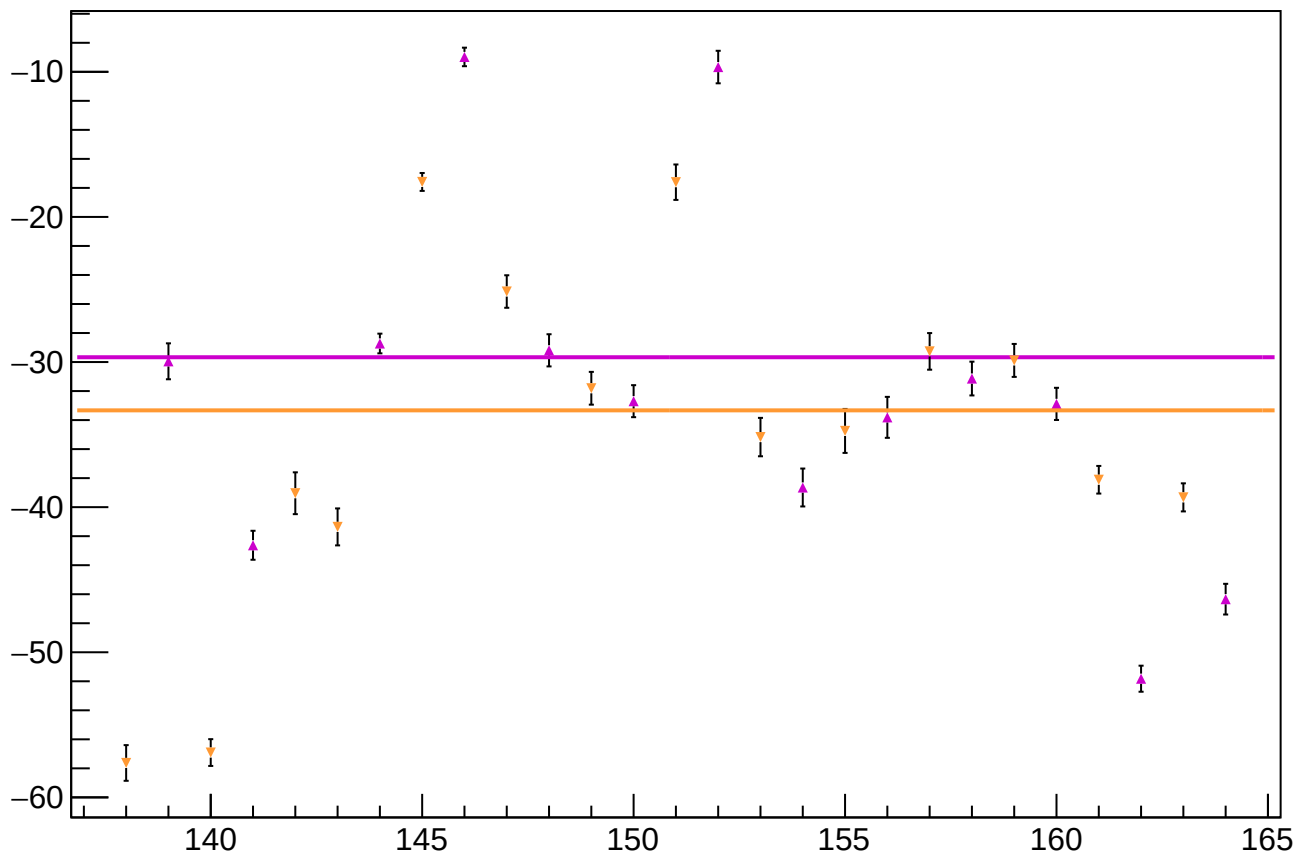
Left In: 1.697 ± 0.025 χ^2/NDF : 254.1/12

+ sign 1.427 ± 0.023 χ^2/NDF : 1264.6/30

All: 1.445 ± 0.017 χ^2/NDF : 3079.7/62

- sign 1.464 ± 0.023 χ^2/NDF : 1813.8/31

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -33.329+/-0.284 χ^2/NDF : 2057.0/13

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

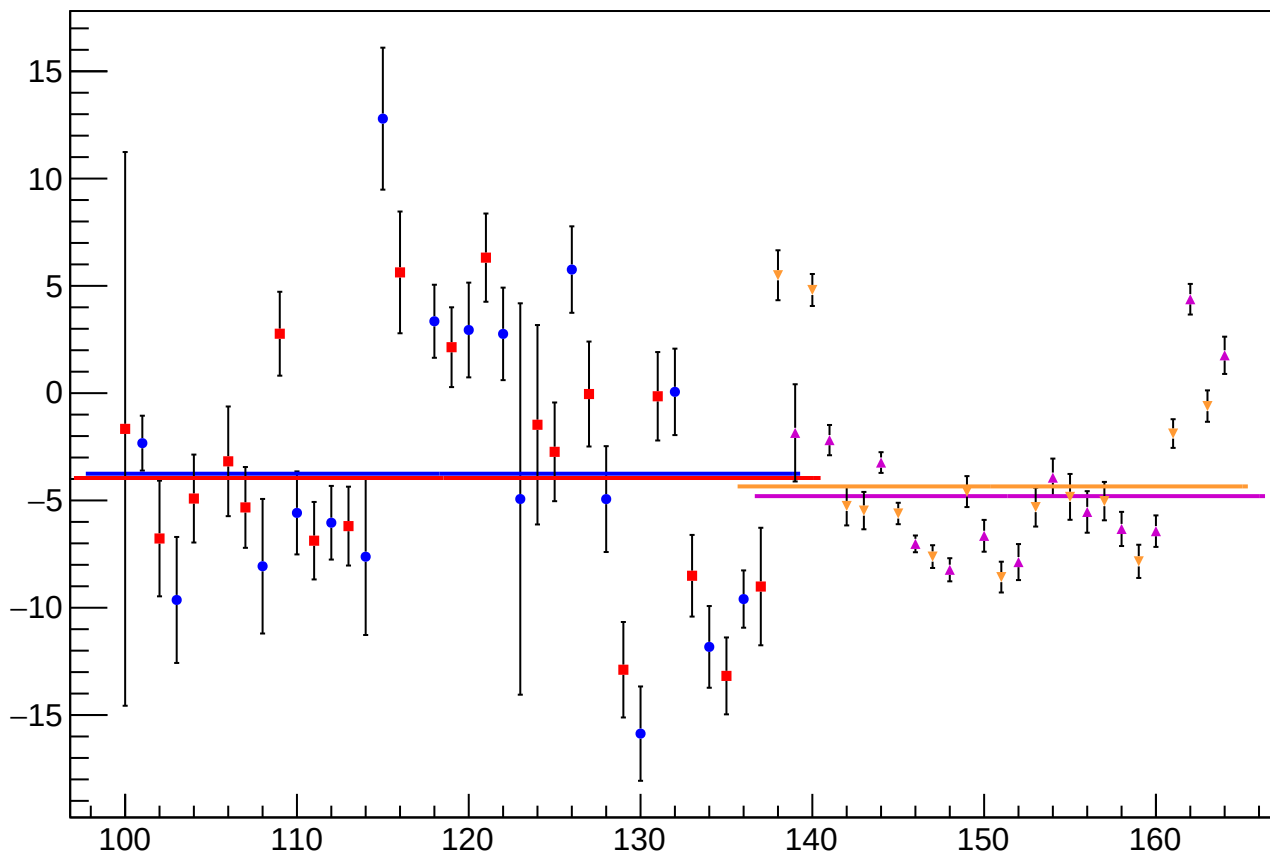
Left In: -29.669+/-0.272 χ^2/NDF : 2470.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.421+/-0.197 χ^2/NDF : 4613.7/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Left Out: -4.347 ± 0.198 χ^2/NDF : 366.2/13

Right Out: -3.954 ± 0.507 χ^2/NDF : 123.3/18

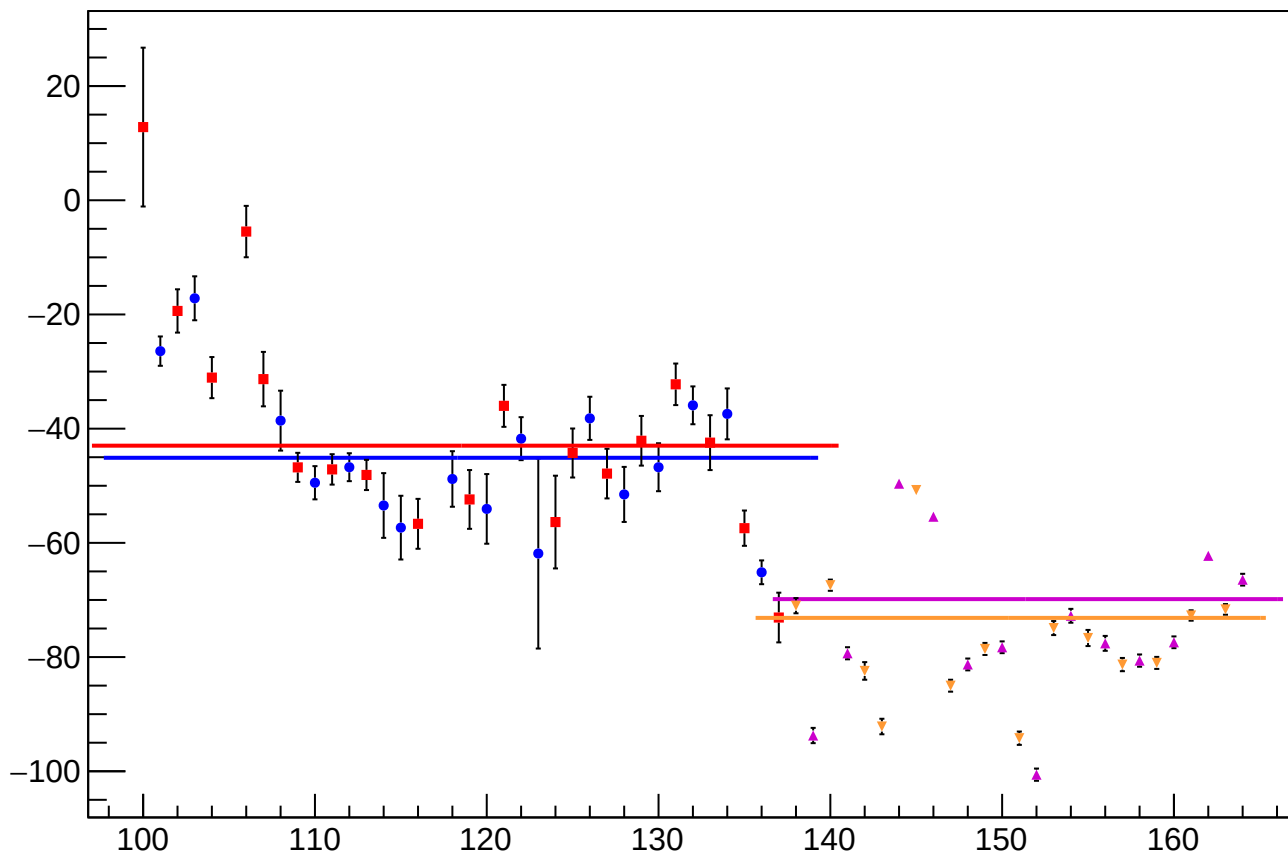
Left In: -4.799 ± 0.186 χ^2/NDF : 351.1/12

+ sign -4.265 ± 0.183 χ^2/NDF : 532.7/30

All: -4.492 ± 0.127 χ^2/NDF : 1012.6/62

- sign -4.698 ± 0.175 χ^2/NDF : 476.9/31

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -73.138 ± 0.282 χ^2/NDF : 2032.2/13

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

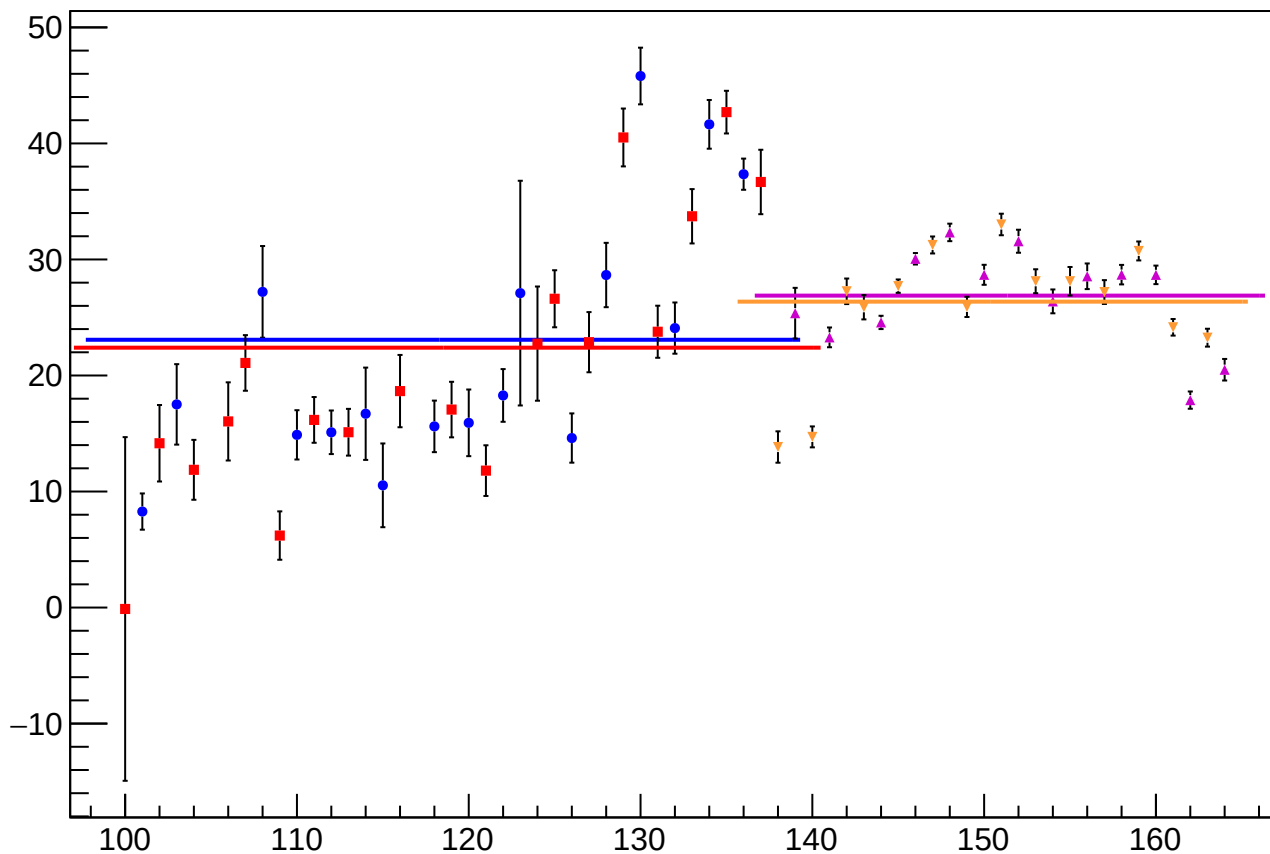
Left In: -69.854 ± 0.266 χ^2/NDF : 3018.2/12

+ sign -70.534 ± 0.268 χ^2/NDF : 3181.1/30

All: -68.983 ± 0.185 χ^2/NDF : 7370.7/62

- sign -67.584 ± 0.255 χ^2/NDF : 4126.1/31

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 26.364 $\pm$ 0.232 χ^2 /NDF: 415.0/13

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

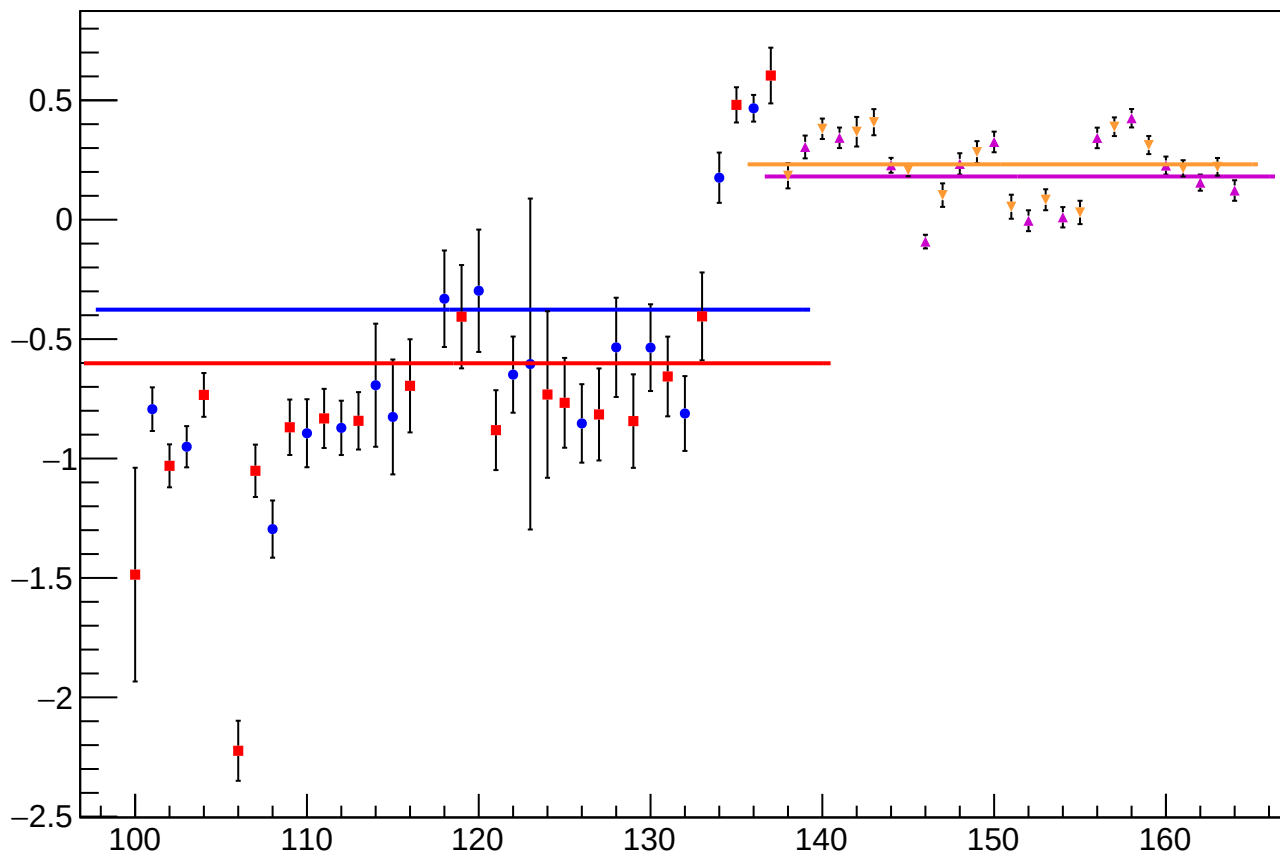
Left In: 26.884 $\pm$ 0.221 χ^2 /NDF: 360.5/12

+ sign 25.876 $\pm$ 0.214 χ^2 /NDF: 905.9/30

All: 26.098 $\pm$ 0.148 χ^2 /NDF: 1692.2/62

- sign 26.304 $\pm$ 0.206 χ^2 /NDF: 784.2/31

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.232 ± 0.011 χ^2/NDF : 99.0/13

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

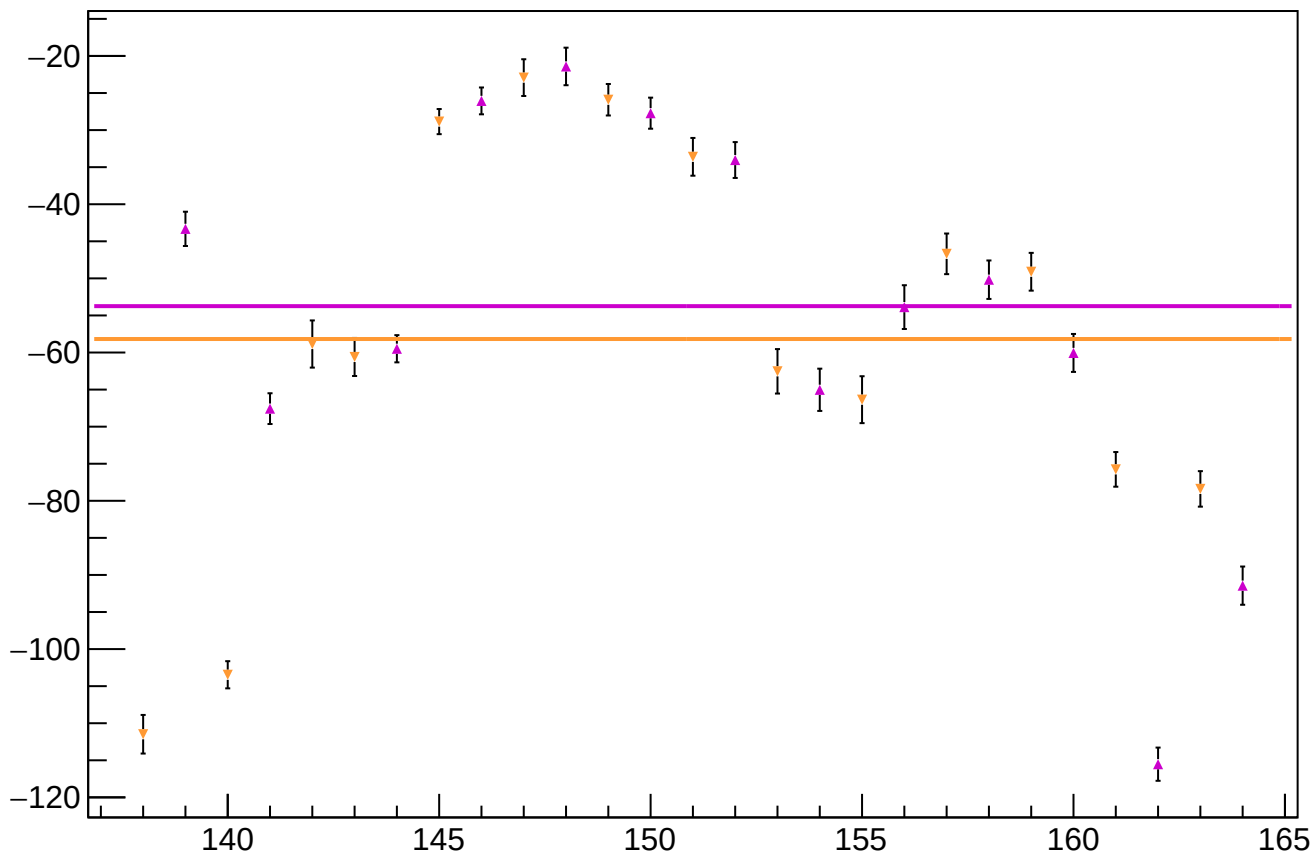
Left In: 0.181 ± 0.011 χ^2/NDF : 218.3/12

+ sign 0.159 ± 0.010 χ^2/NDF : 896.7/30

All: 0.125 ± 0.007 χ^2/NDF : 2287.9/62

- sign 0.093 ± 0.010 χ^2/NDF : 1370.3/31

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -58.179+/-0.640 χ^2/NDF : 2023.2/13

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

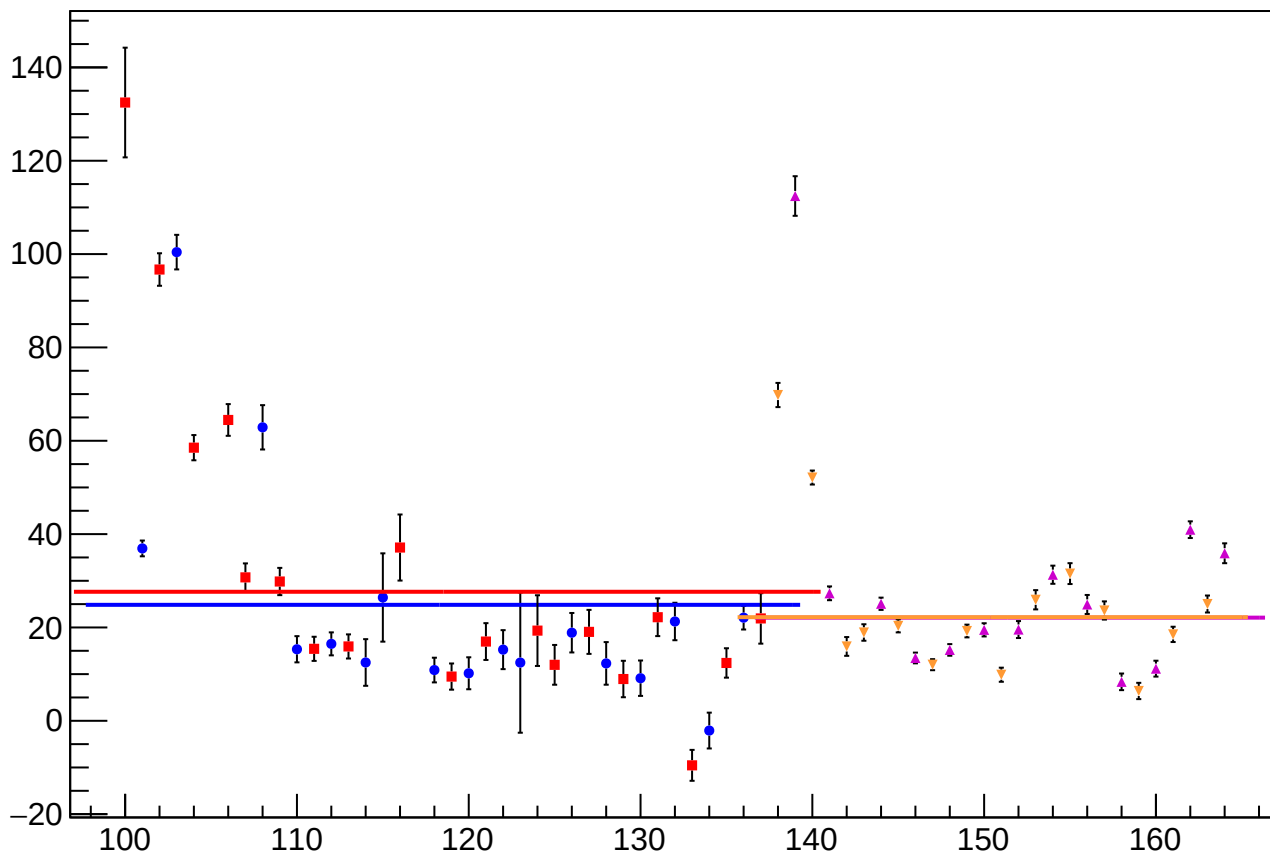
Left In: -53.745+/-0.637 χ^2/NDF : 1690.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.950+/-0.452 χ^2/NDF : 3737.7/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 ± 0.801 χ^2/NDF : 690.8/16

Left Out: 22.202 ± 0.444 χ^2/NDF : 1006.3/13

Right Out: 27.648 ± 0.810 χ^2/NDF : 1009.2/18

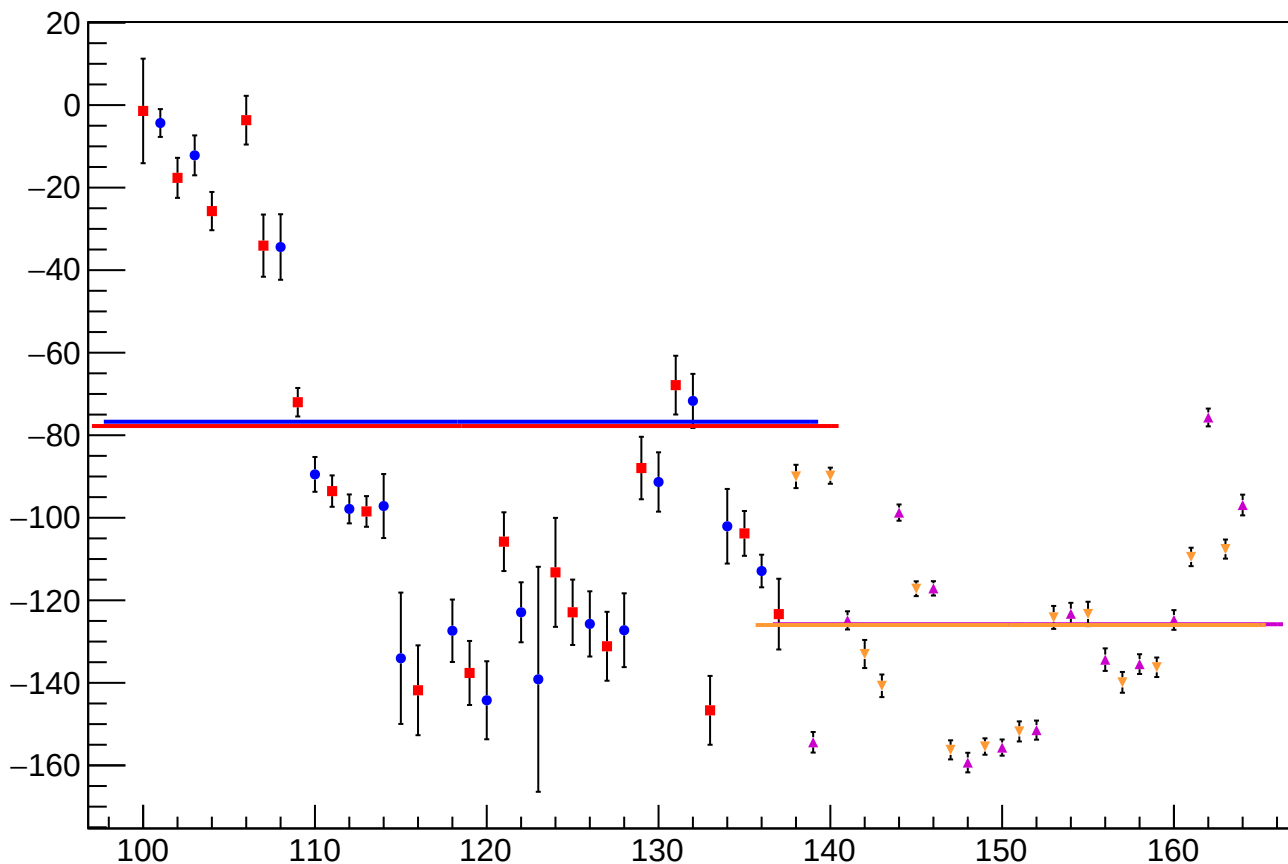
Left In: 22.103 ± 0.447 χ^2/NDF : 842.0/12

+ sign 22.825 ± 0.389 χ^2/NDF : 1705.4/30

All: 23.109 ± 0.276 χ^2/NDF : 3593.5/62

- sign 23.398 ± 0.392 χ^2/NDF : 1887.0/31

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -125.989 ± 0.633 χ^2/NDF : 1234.9/13

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

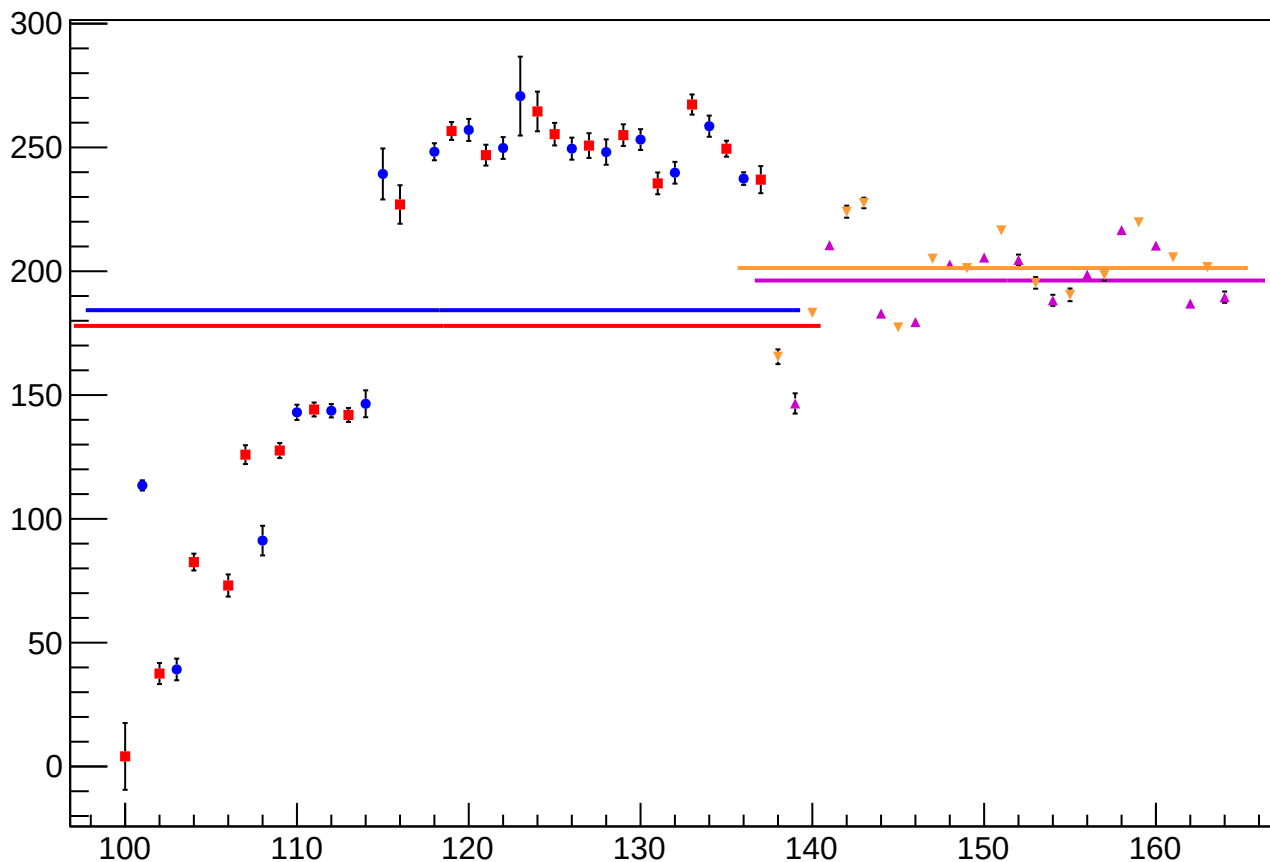
Left In: -125.800 ± 0.623 χ^2/NDF : 1599.6/12

+ sign -117.750 ± 0.578 χ^2/NDF : 3290.2/30

All: -117.572 ± 0.404 χ^2/NDF : 6802.5/62

- sign -117.400 ± 0.566 χ^2/NDF : 3512.2/31

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 ± 0.914 $\chi^2/\text{NDF}: 5401.0/16$

Left Out: 201.291 ± 0.524 $\chi^2/\text{NDF}: 908.9/13$

Right Out: 177.930 ± 0.924 $\chi^2/\text{NDF}: 6330.9/18$

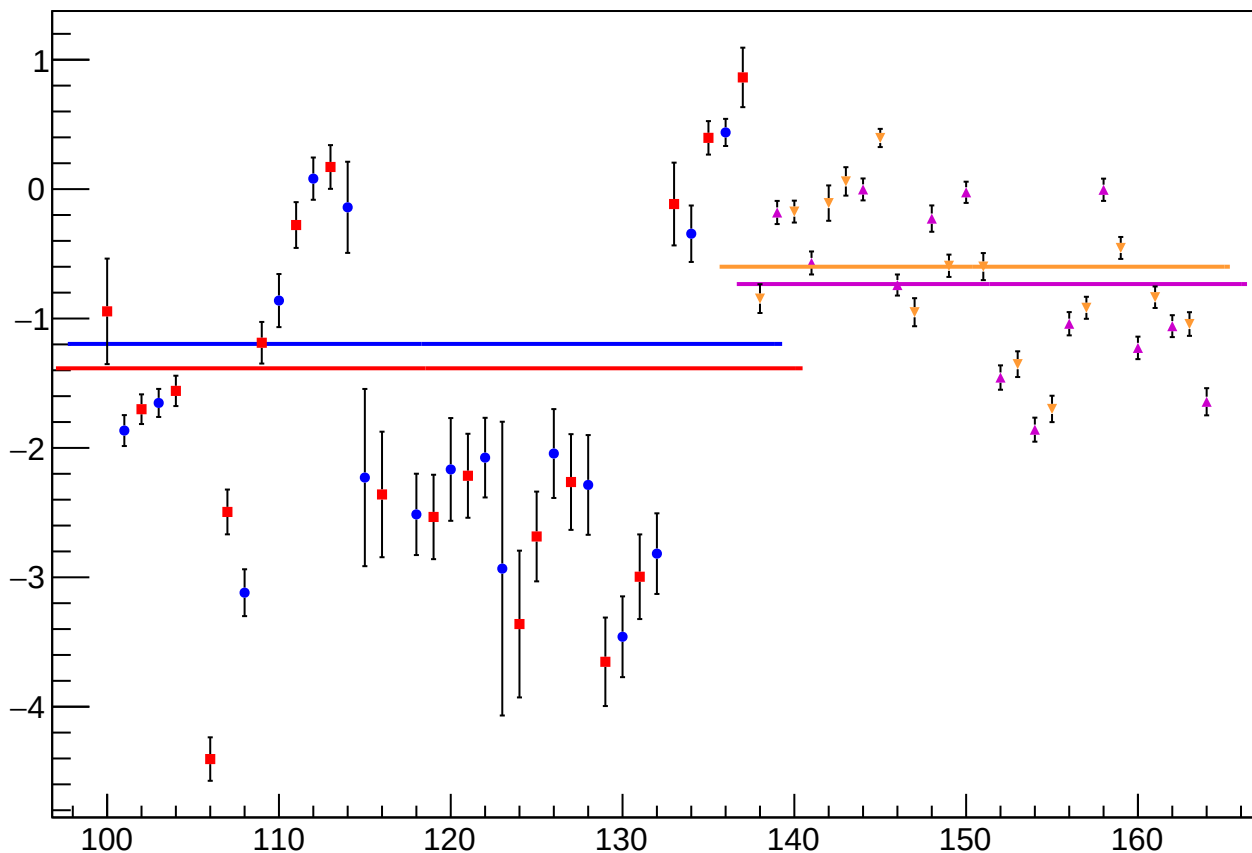
Left In: 196.263 ± 0.524 $\chi^2/\text{NDF}: 707.5/12$

+ sign 197.078 ± 0.455 $\chi^2/\text{NDF}: 6571.0/30$

All: 194.447 ± 0.322 $\chi^2/\text{NDF}: 13974.4/62$

- sign 191.802 ± 0.456 $\chi^2/\text{NDF}: 7336.3/31$

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.600 ± 0.025 χ^2/NDF : 511.8/13

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

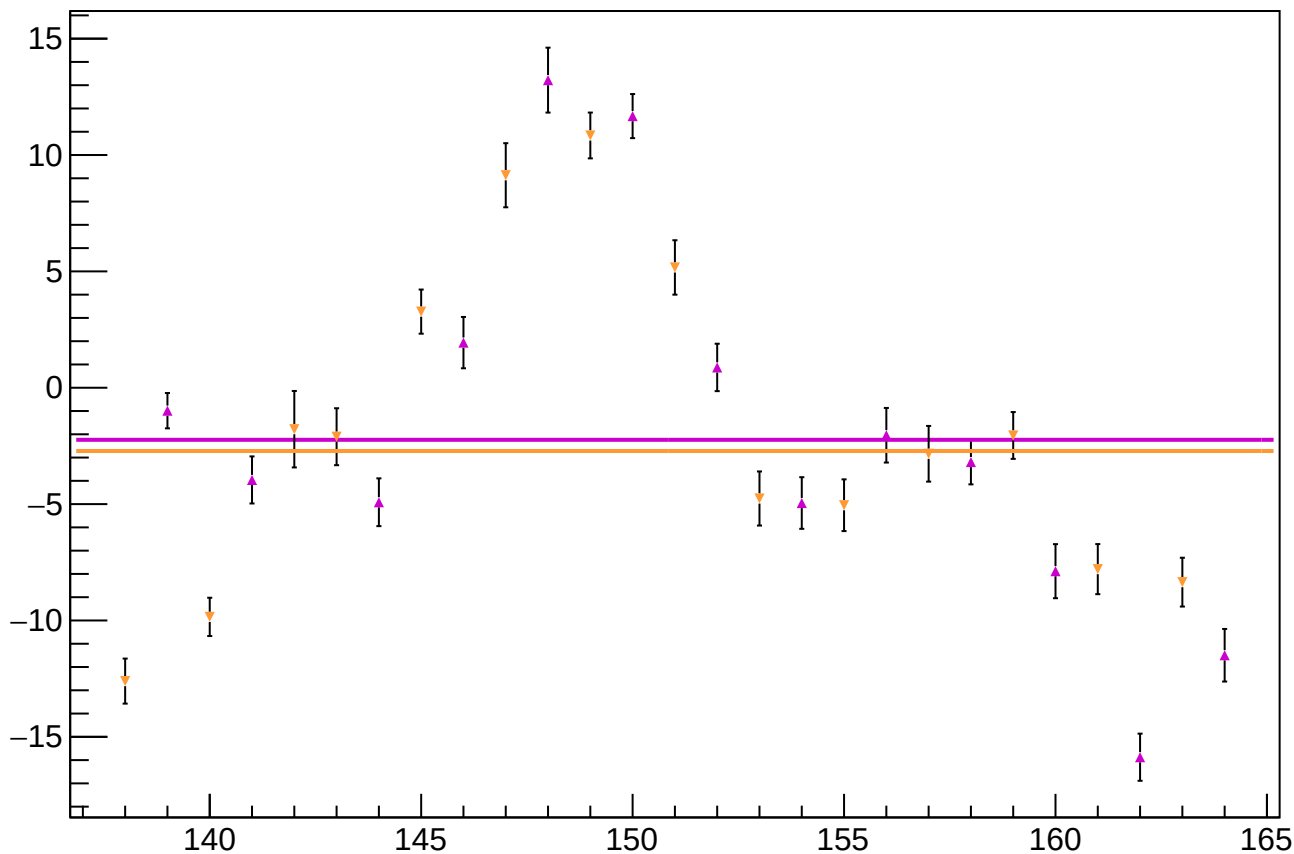
Left In: -0.734 ± 0.025 χ^2/NDF : 626.7/12

+ sign -0.726 ± 0.022 χ^2/NDF : 1256.2/30

All: -0.805 ± 0.016 χ^2/NDF : 2988.7/62

- sign -0.881 ± 0.022 χ^2/NDF : 1707.7/31

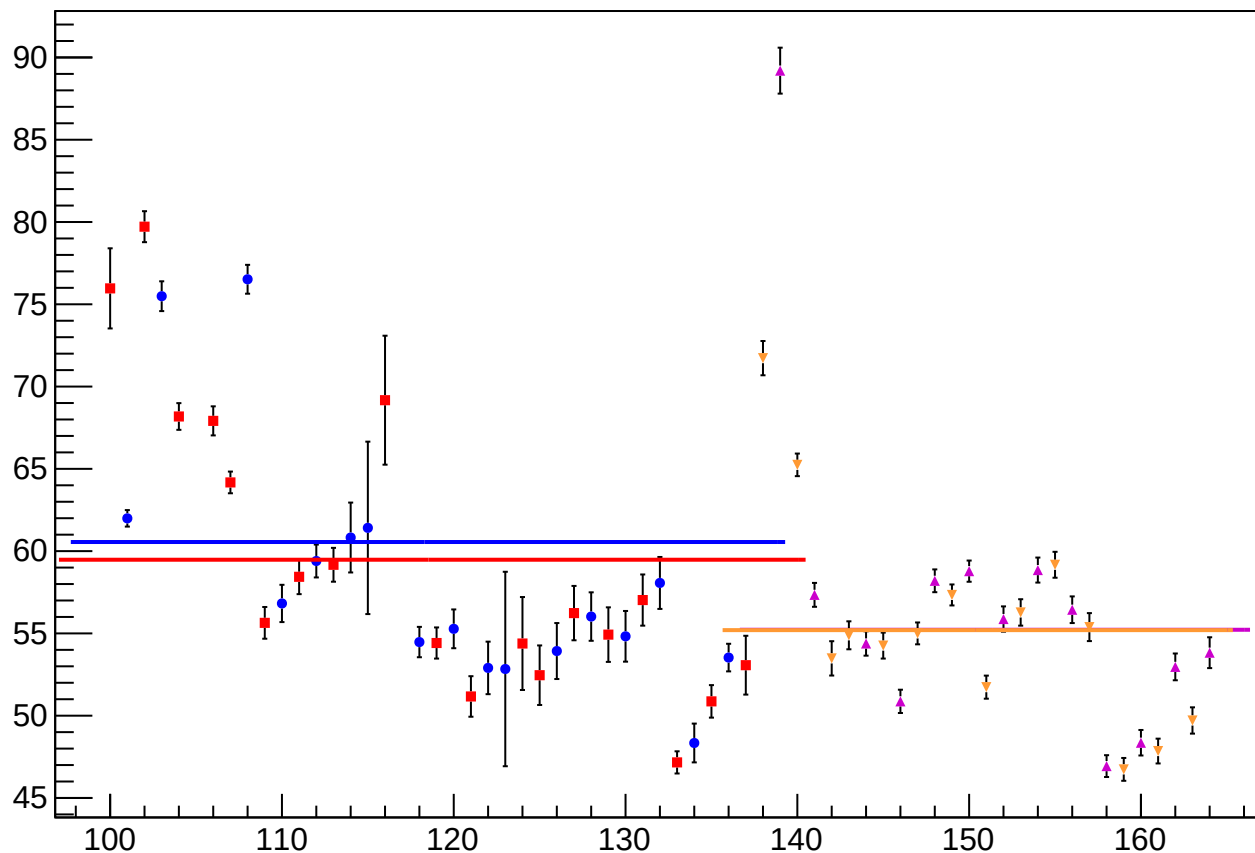
reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.717+/-0.289 χ^2/NDF : 588.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.237+/-0.286 χ^2/NDF : 653.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.475+/-0.203 χ^2/NDF : 1243.1/26
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 ± 0.262 $\chi^2/\text{NDF}: 930.8/16$

Left Out: 55.199 ± 0.206 $\chi^2/\text{NDF}: 824.5/13$

Right Out: 59.477 ± 0.248 $\chi^2/\text{NDF}: 1317.0/18$

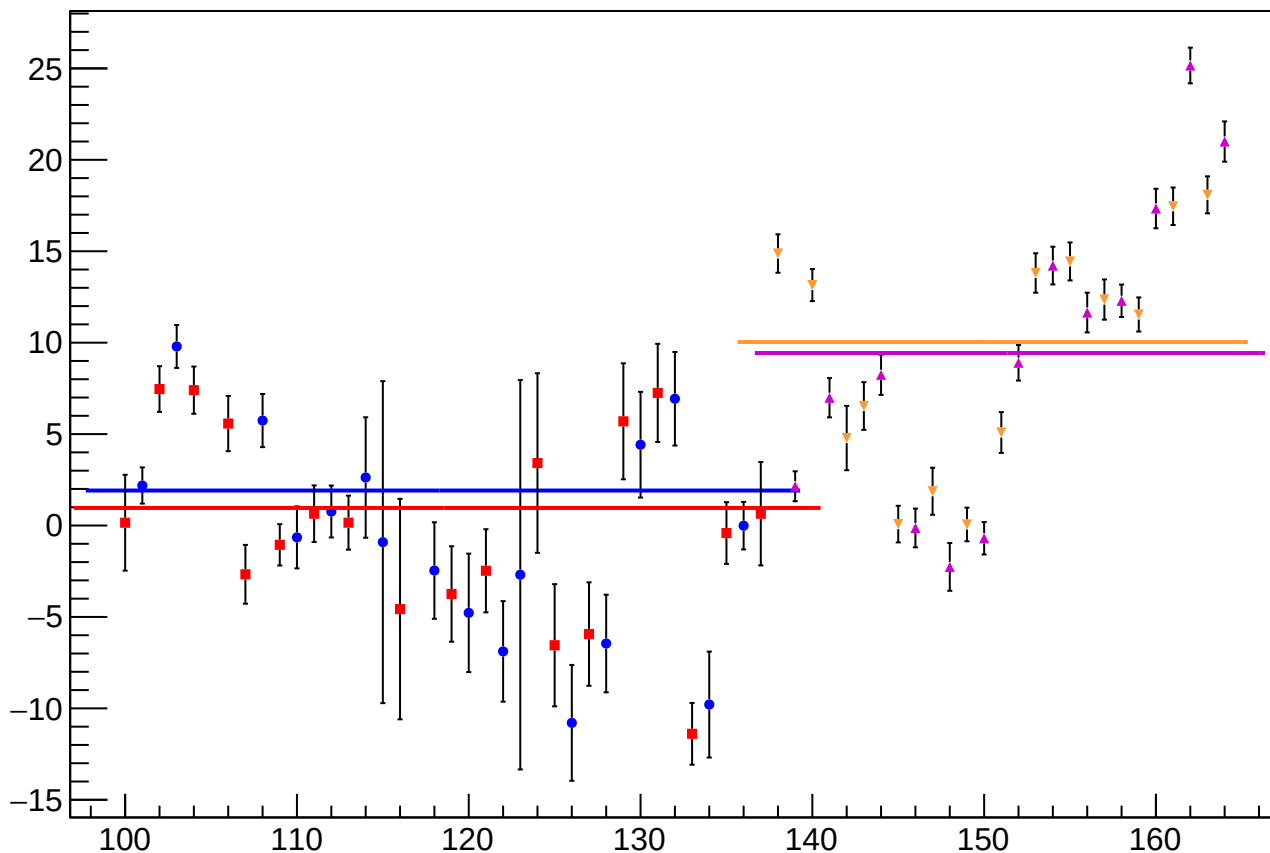
Left In: 55.221 ± 0.212 $\chi^2/\text{NDF}: 959.2/12$

+ sign 57.244 ± 0.162 $\chi^2/\text{NDF}: 2014.4/30$

All: 57.131 ± 0.114 $\chi^2/\text{NDF}: 4461.8/62$

- sign 57.018 ± 0.161 $\chi^2/\text{NDF}: 2446.4/31$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 10.036 ± 0.284 χ^2/NDF : 479.3/13

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

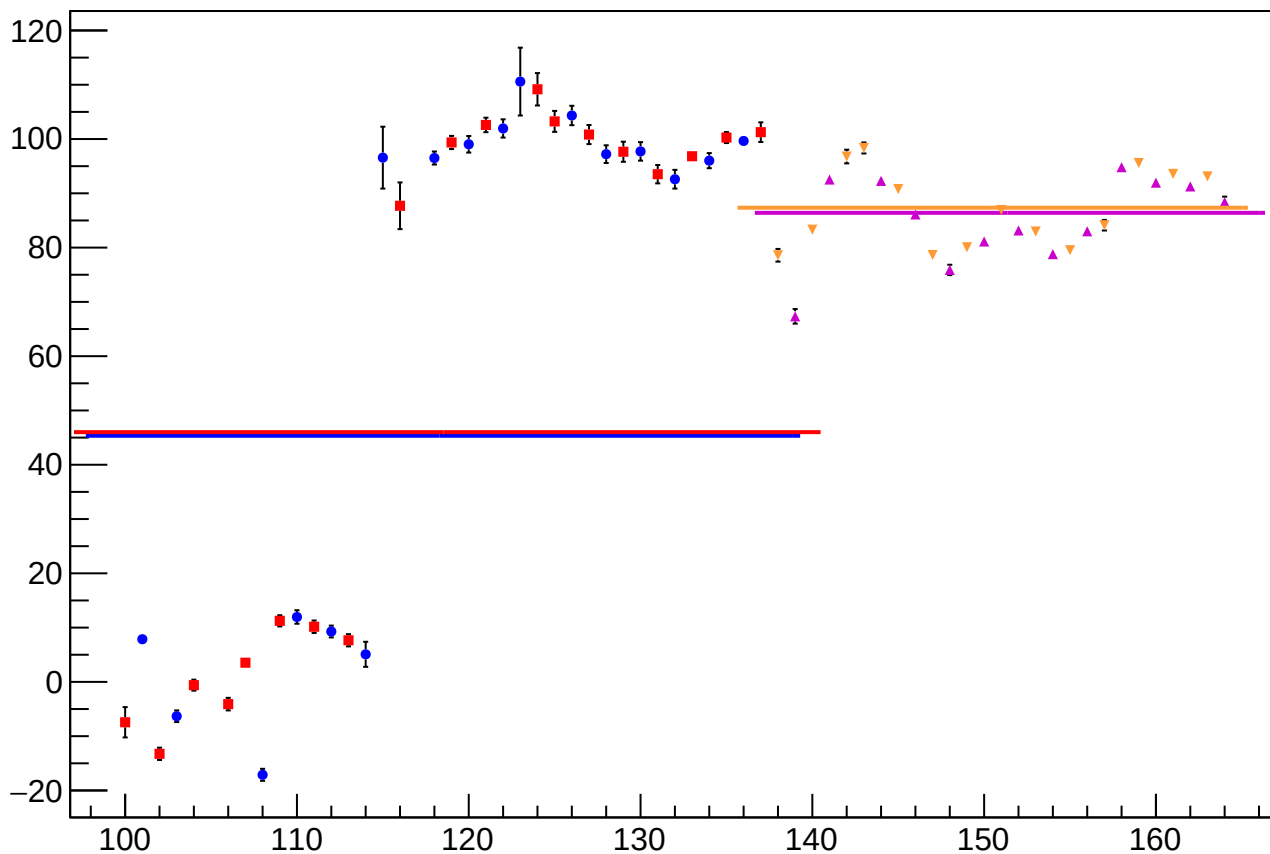
Left In: 9.434 ± 0.280 χ^2/NDF : 838.0/12

+ sign 7.778 ± 0.241 χ^2/NDF : 828.2/30

All: 7.307 ± 0.168 χ^2/NDF : 2101.1/62

- sign 6.866 ± 0.234 χ^2/NDF : 1265.6/31

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 87.351 $\pm$ 0.239 χ^2 /NDF: 794.8/13

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

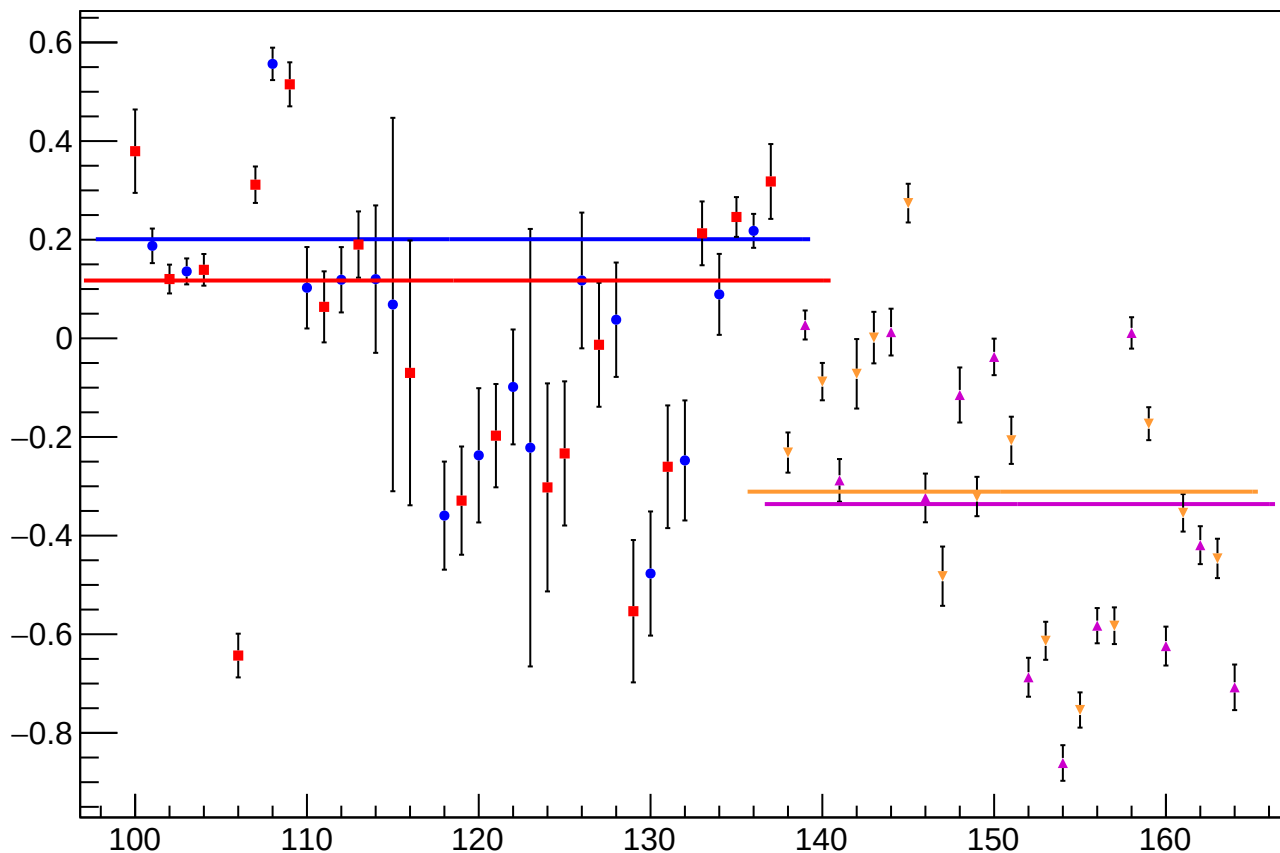
Left In: 86.404 $\pm$ 0.243 χ^2 /NDF: 794.4/12

+ sign 71.270 $\pm$ 0.188 χ^2 /NDF: 37709.8/30

All: 70.487 $\pm$ 0.132 χ^2 /NDF: 78189.7/62

- sign 69.717 $\pm$ 0.186 χ^2 /NDF: 40445.3/31

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.311 ± 0.011 χ^2/NDF : 619.1/13

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

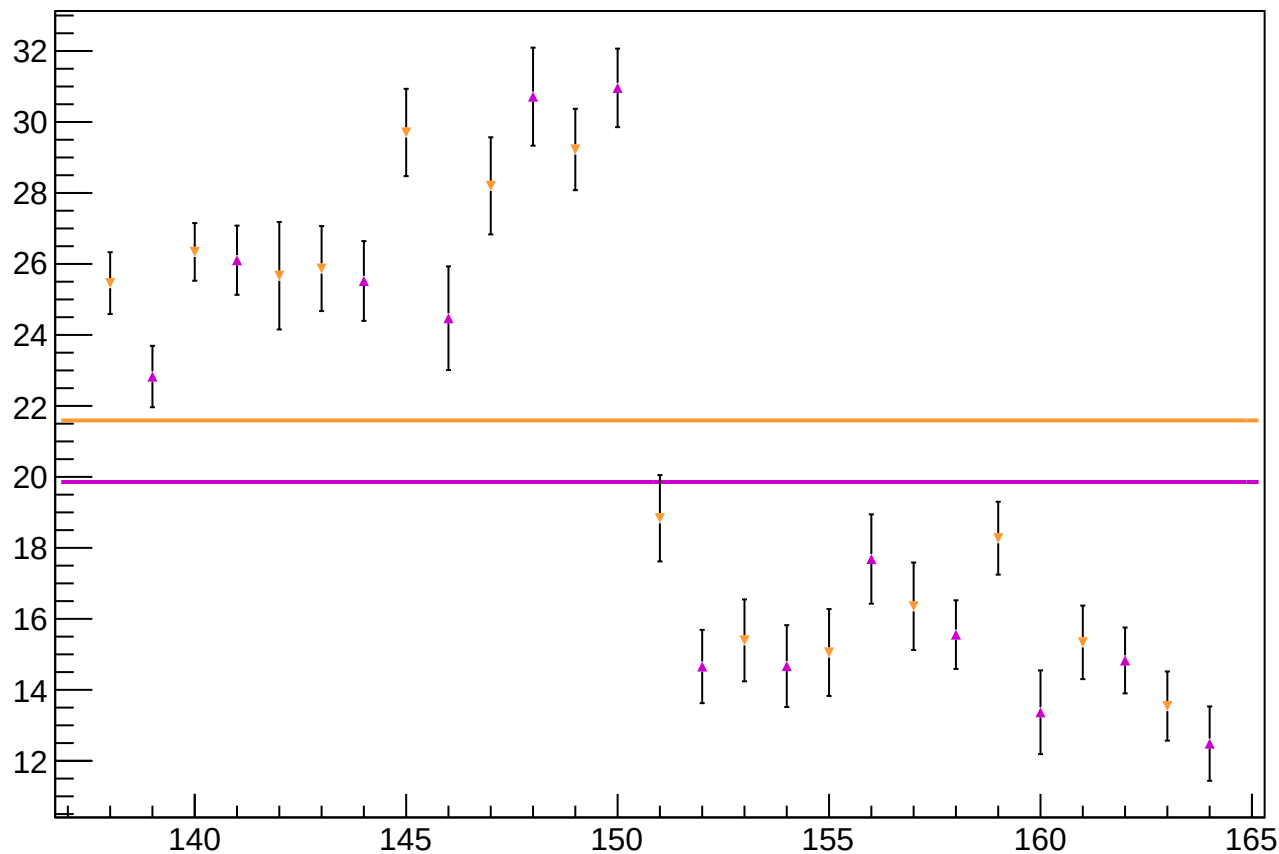
Left In: -0.336 ± 0.011 χ^2/NDF : 867.8/12

+ sign -0.116 ± 0.009 χ^2/NDF : 1660.6/30

All: -0.134 ± 0.006 χ^2/NDF : 3755.0/62

- sign -0.151 ± 0.008 χ^2/NDF : 2085.8/31

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 21.591+/-0.294 χ^2/NDF : 380.7/13

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

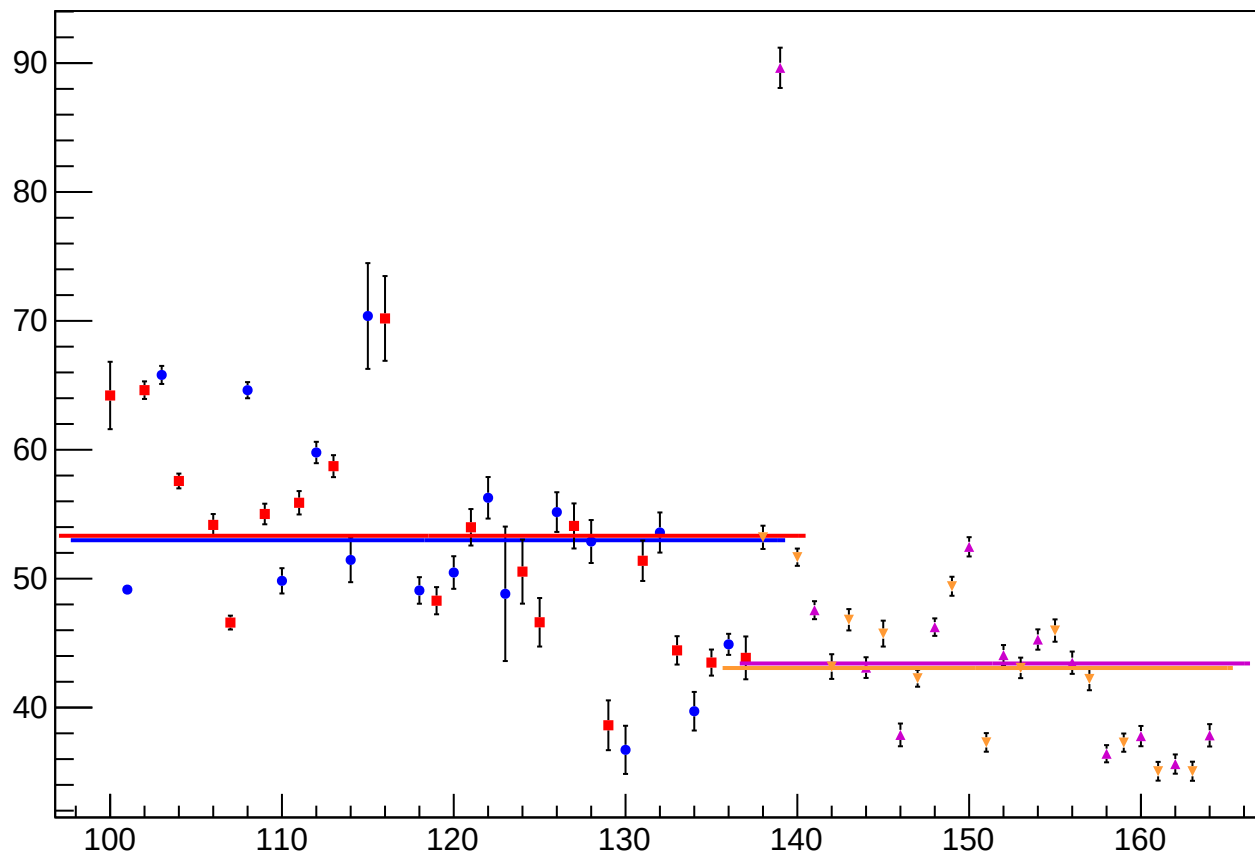
Left In: 19.856+/-0.299 χ^2/NDF : 428.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

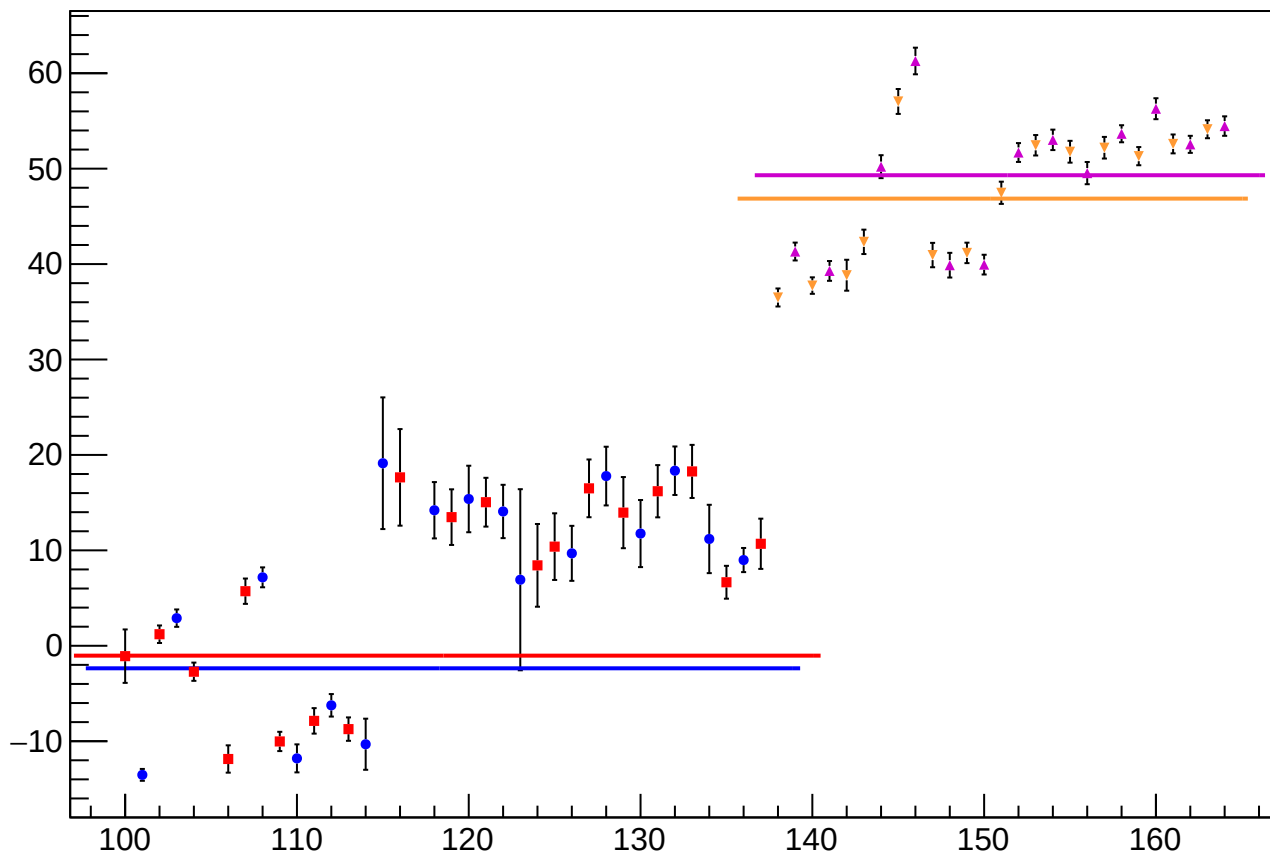
All: 20.740+/-0.210 χ^2/NDF : 826.2/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 46.860 ± 0.290 χ^2/NDF : 562.1/13

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

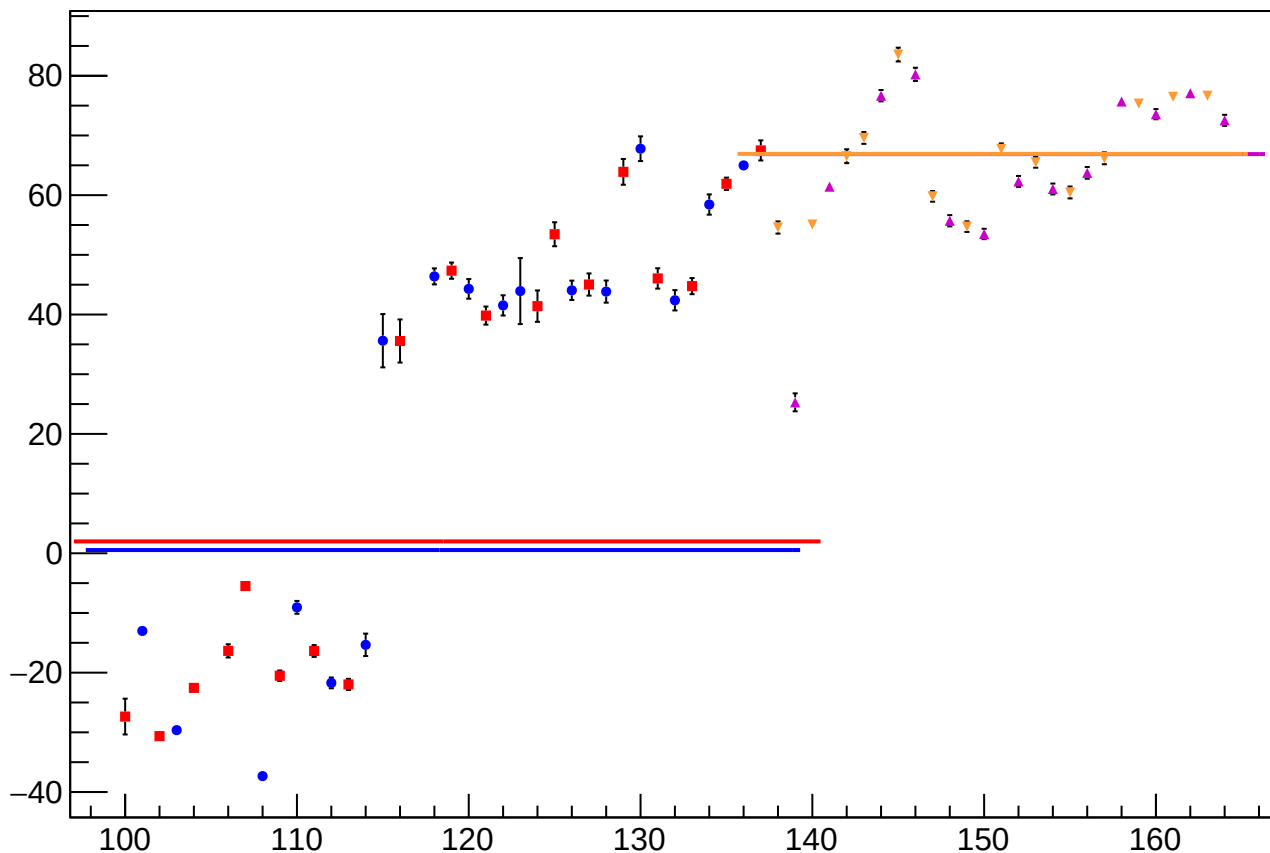
Left In: 49.310 ± 0.292 χ^2/NDF : 496.2/12

+ sign 27.773 ± 0.227 χ^2/NDF : 12608.6/30

All: 29.080 ± 0.162 χ^2/NDF : 24833.6/62

- sign 30.436 ± 0.231 χ^2/NDF : 12157.1/31

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 66.916 ± 0.242 χ^2/NDF : 1307.2/13

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

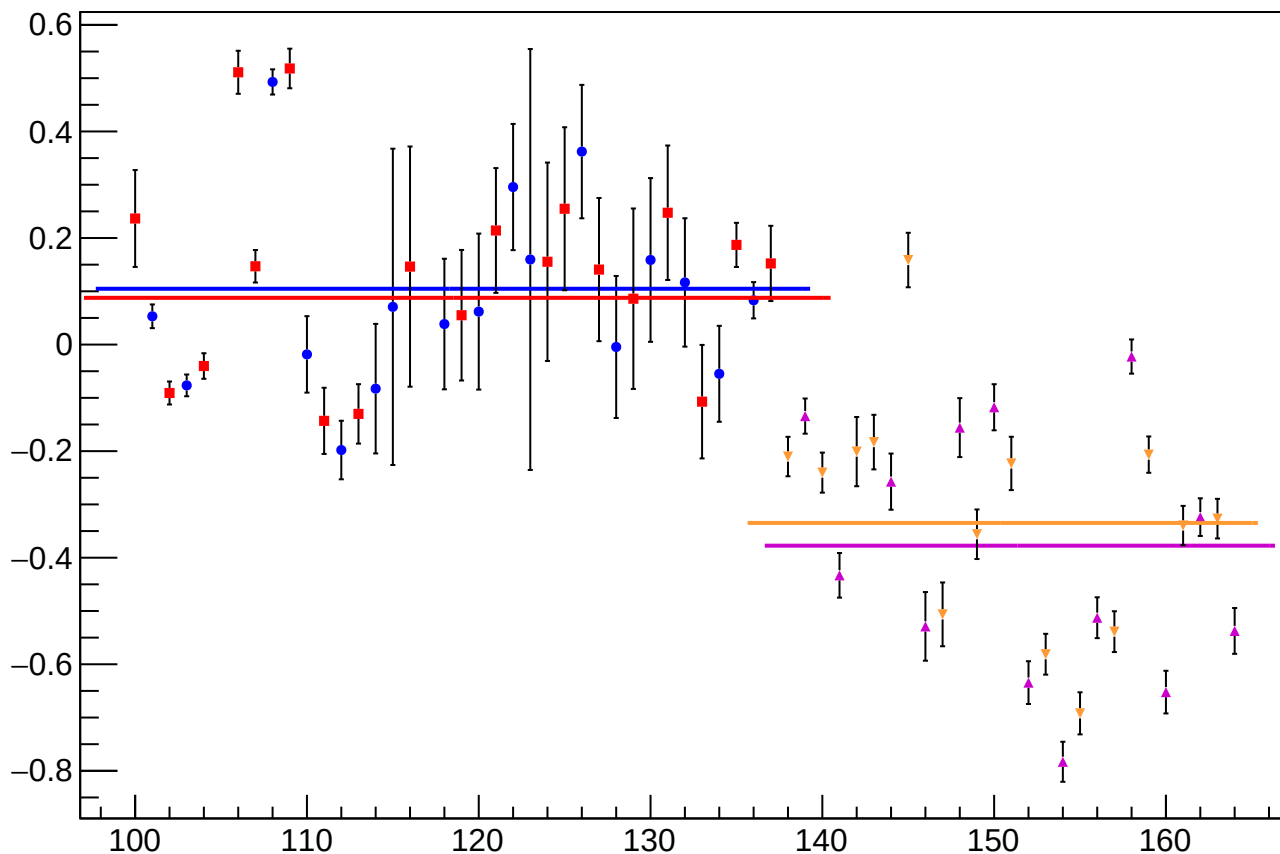
Left In: 66.880 ± 0.251 χ^2/NDF : 1939.9/12

+ sign 34.306 ± 0.173 χ^2/NDF : 56552.7/30

All: 35.295 ± 0.126 χ^2/NDF : 105472.8/62

- sign 36.399 ± 0.183 χ^2/NDF : 48850.9/31

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.335 ± 0.011 χ^2/NDF : 303.0/13

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

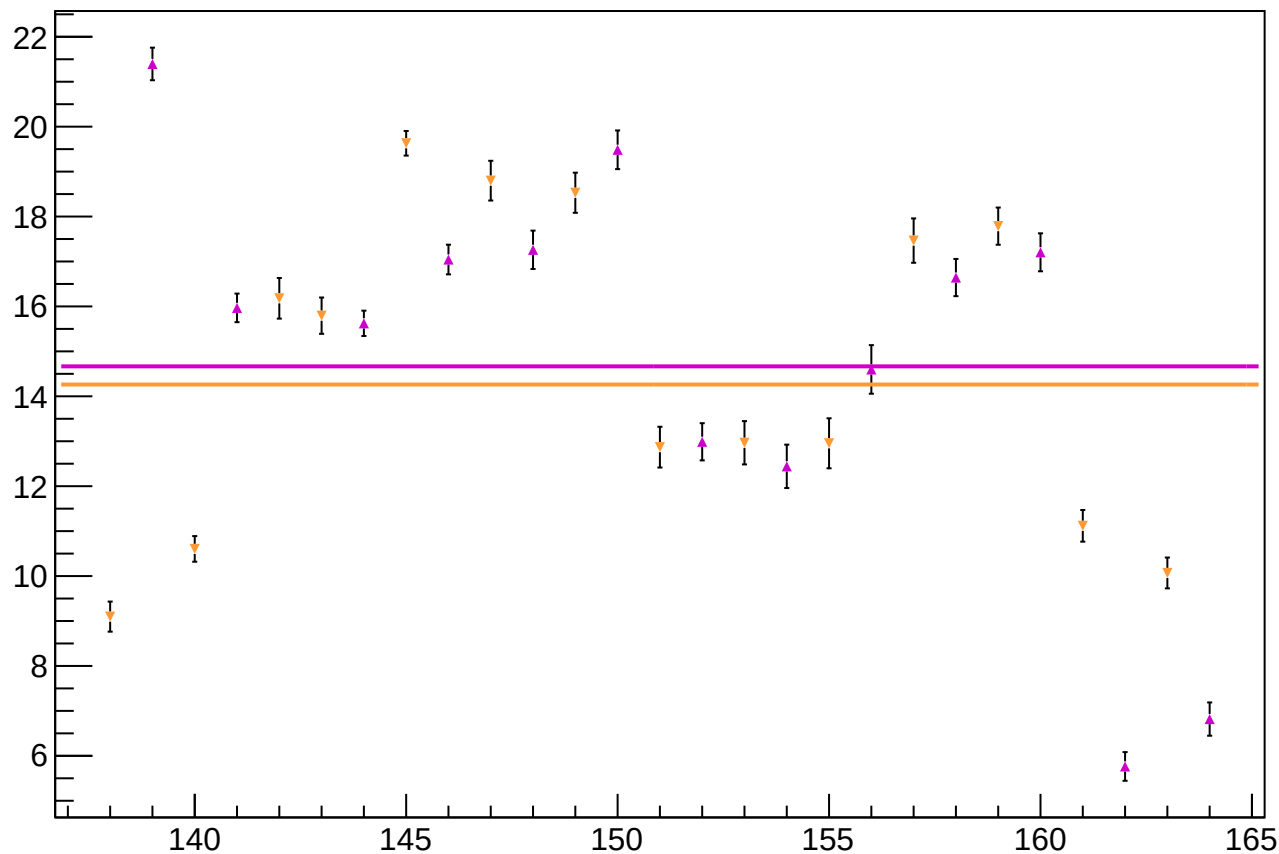
Left In: -0.377 ± 0.011 χ^2/NDF : 474.3/12

+ sign -0.111 ± 0.008 χ^2/NDF : 1482.0/30

All: -0.125 ± 0.006 χ^2/NDF : 3227.5/62

- sign -0.140 ± 0.008 χ^2/NDF : 1738.8/31

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.262+/-0.103 χ^2/NDF :1381.0/13

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

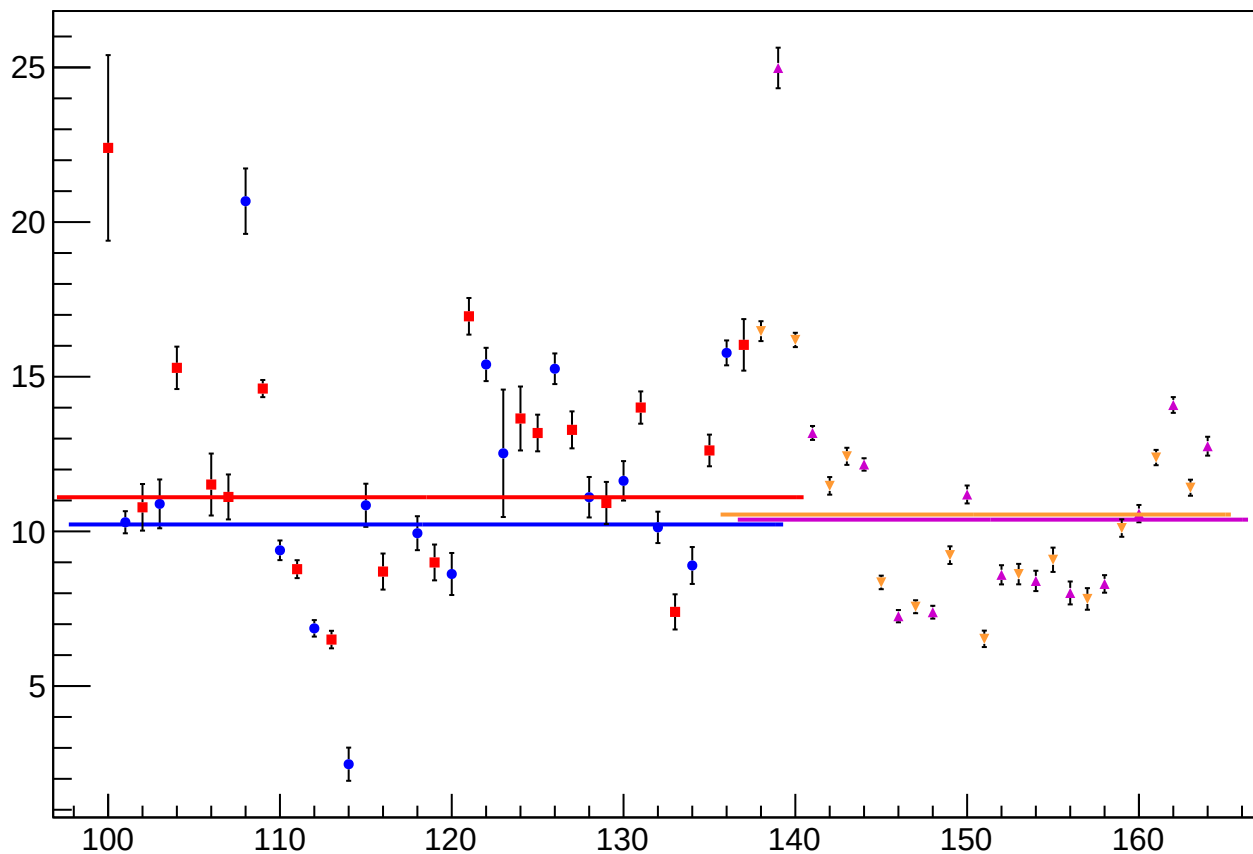
Left In: 14.666+/-0.104 χ^2/NDF :1910.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.462+/-0.073 χ^2/NDF : 3299.5/26

- 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: 10.544 $\pm$ 0.072 χ^2 /NDF:1722.0/13

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

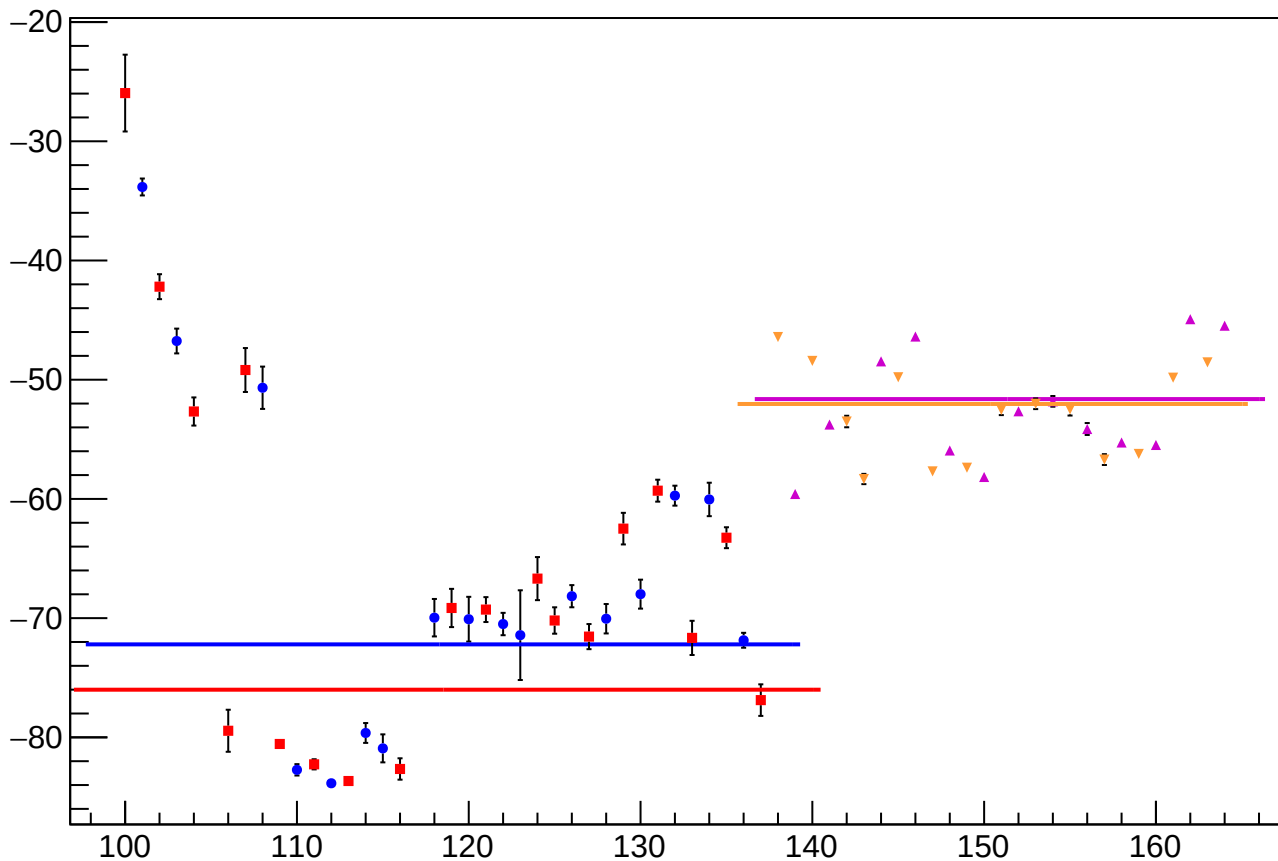
Left In: 10.380 $\pm$ 0.073 χ^2 /NDF:1627.6/12

+ sign 10.458 $\pm$ 0.062 χ^2 /NDF: 2604.9/30

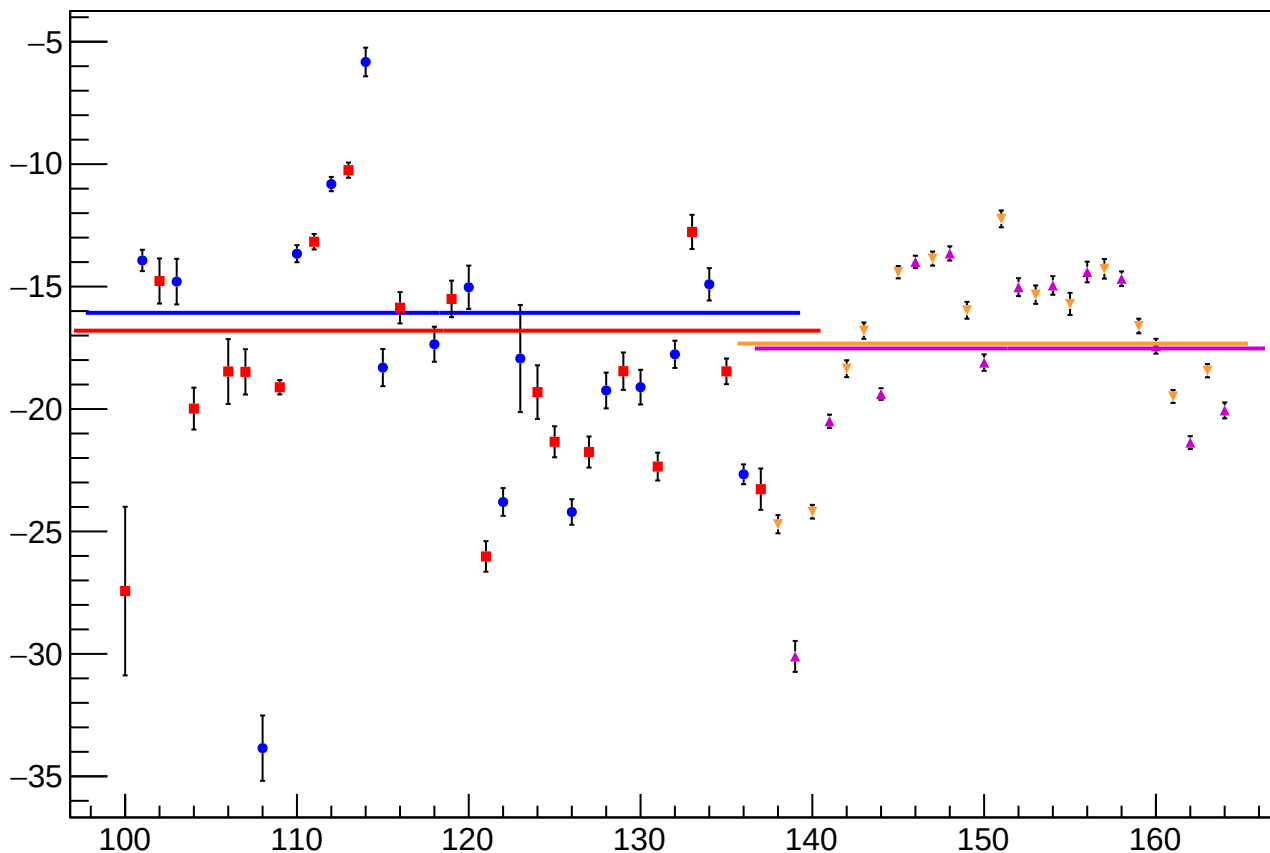
All: 10.522 $\pm$ 0.044 χ^2 /NDF: 5079.5/62

- sign 10.586 $\pm$ 0.062 χ^2 /NDF: 2472.5/31

reg_asym_sam7_diff_bpm4eX_slope vs Slug



reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -17.325 ± 0.085 $\chi^2/\text{NDF}: 1704.3/13$

Right Out: -16.799 ± 0.128 $\chi^2/\text{NDF}: 1215.8/18$

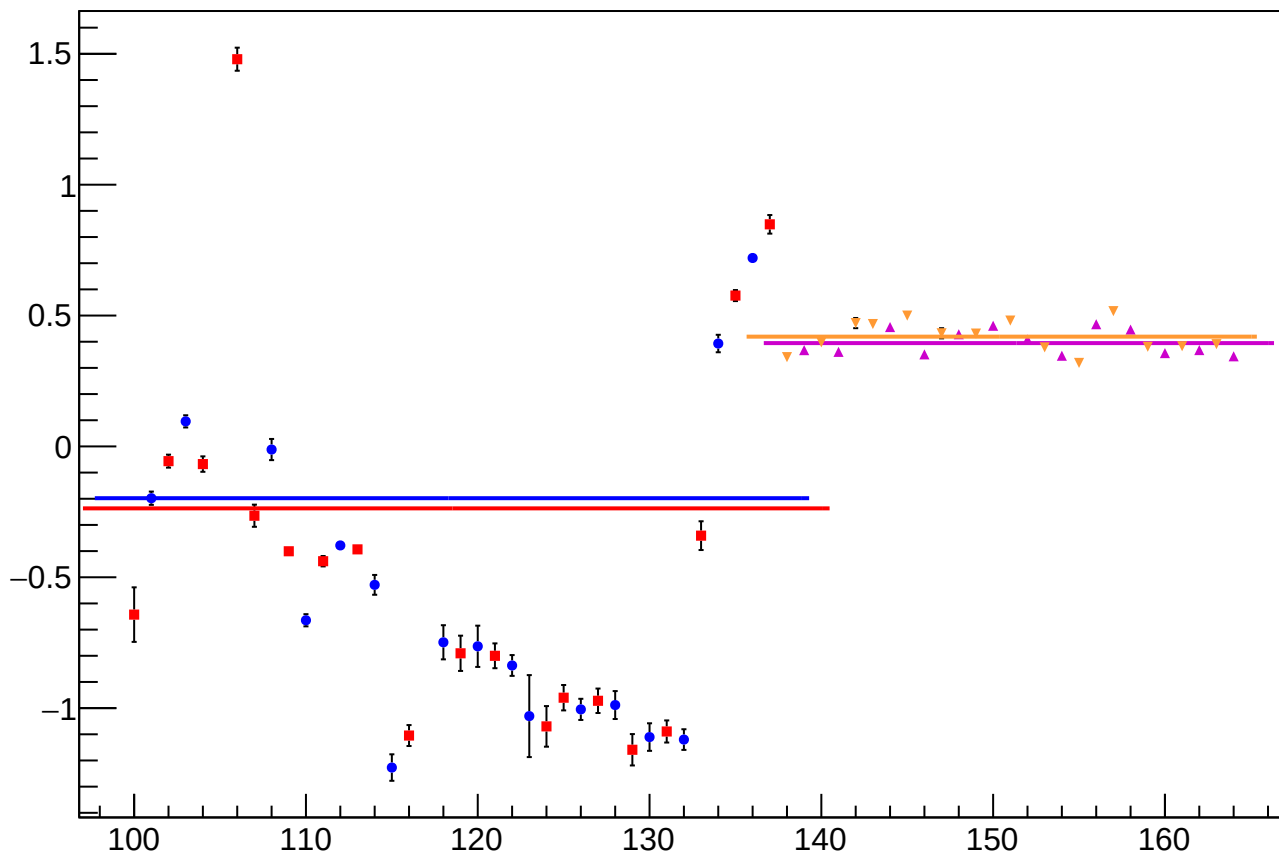
Left In: -17.528 ± 0.086 $\chi^2/\text{NDF}: 1460.9/12$

+ sign -16.959 ± 0.071 $\chi^2/\text{NDF}: 3408.8/30$

All: -17.130 ± 0.050 $\chi^2/\text{NDF}: 6119.4/62$

- sign -17.302 ± 0.071 $\chi^2/\text{NDF}: 2699.0/31$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.419 ± 0.004 χ^2/NDF : 207.1/13

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

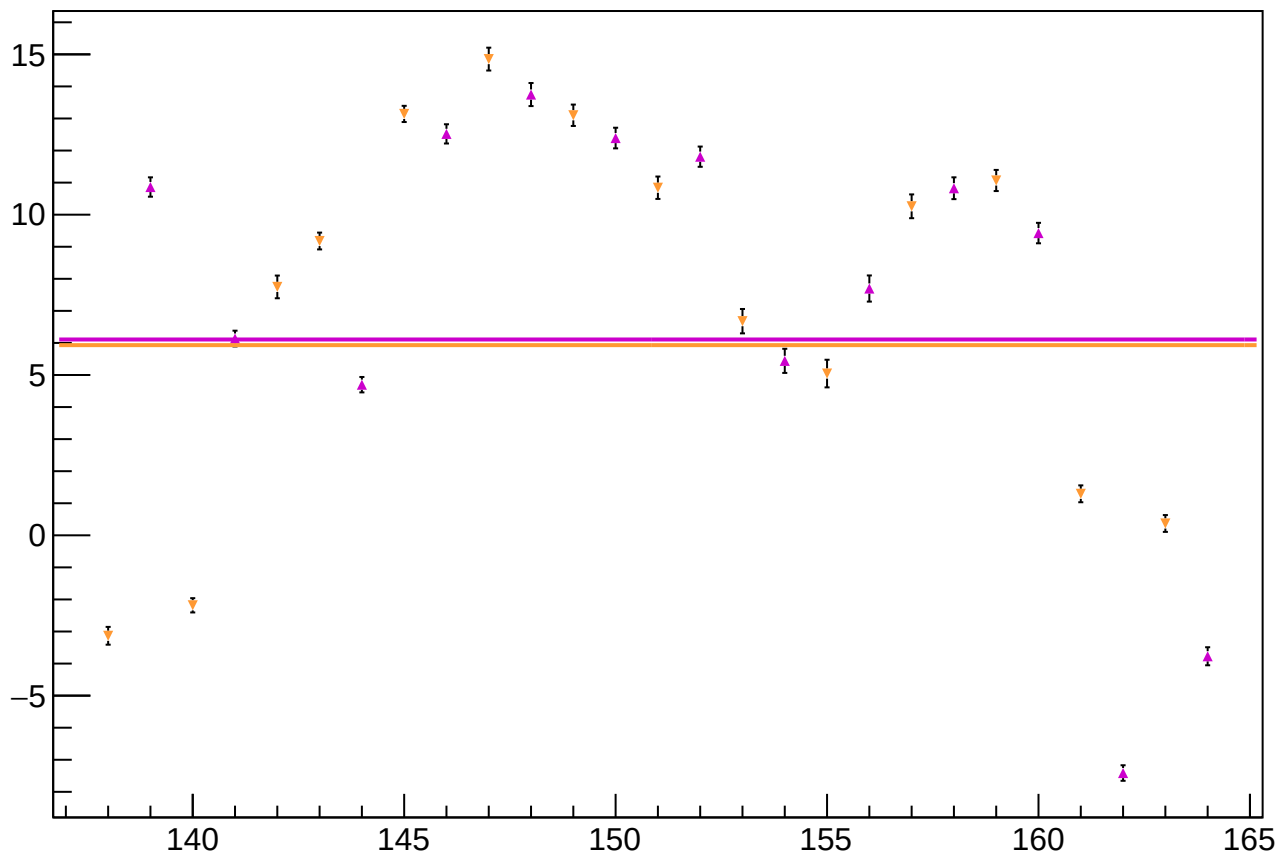
Left In: 0.395 ± 0.004 χ^2/NDF : 126.1/12

+ sign 0.282 ± 0.004 χ^2/NDF : 11757.2/30

All: 0.262 ± 0.003 χ^2/NDF : 24044.4/62

- sign 0.242 ± 0.004 χ^2/NDF : 12224.1/31

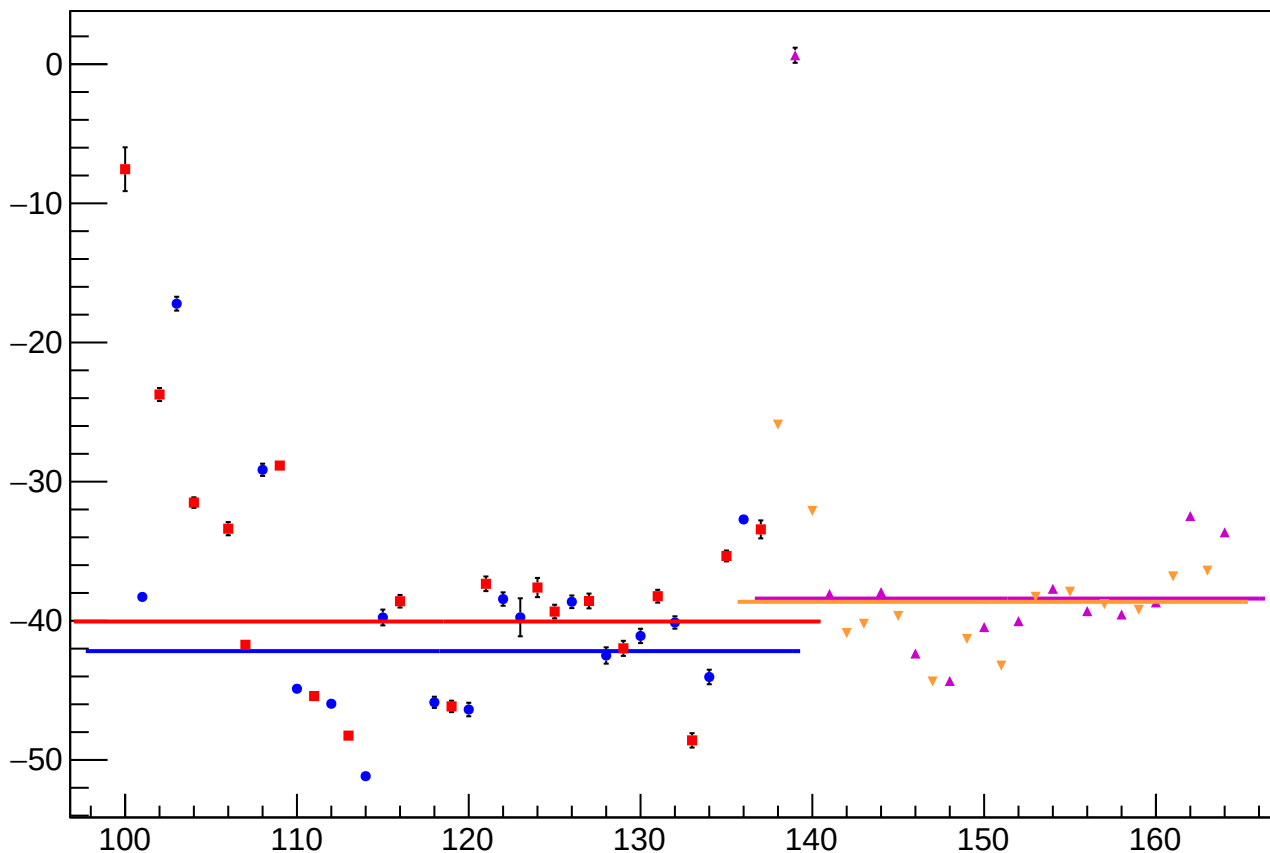
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.931 $\pm$ 0.081 χ^2 /NDF:5823.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 6.108 $\pm$ 0.083 χ^2 /NDF:6562.4/12

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 6.016 $\pm$ 0.058 χ^2 /NDF: 12388.0/26
 - 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: -38.635 ± 0.057 χ^2/NDF : 5767.6/13

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

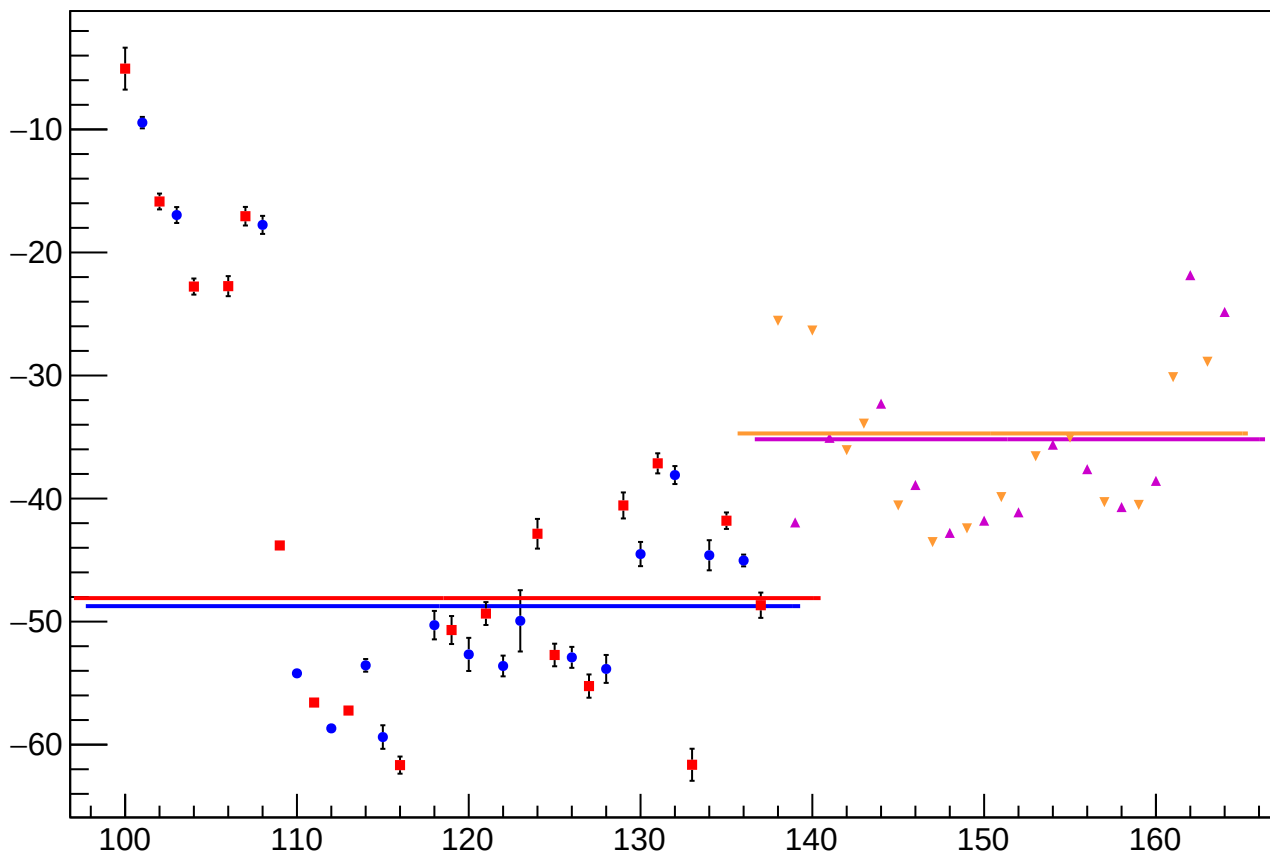
Left In: -38.403 ± 0.059 χ^2/NDF : 8271.4/12

+ sign -39.860 ± 0.046 χ^2/NDF : 13700.0/30

All: -39.463 ± 0.032 χ^2/NDF : 33745.1/62

- sign -39.061 ± 0.046 χ^2/NDF : 19893.4/31

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -34.709 ± 0.080 $\chi^2/\text{NDF}: 5738.6/13$

Right Out: -48.091 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

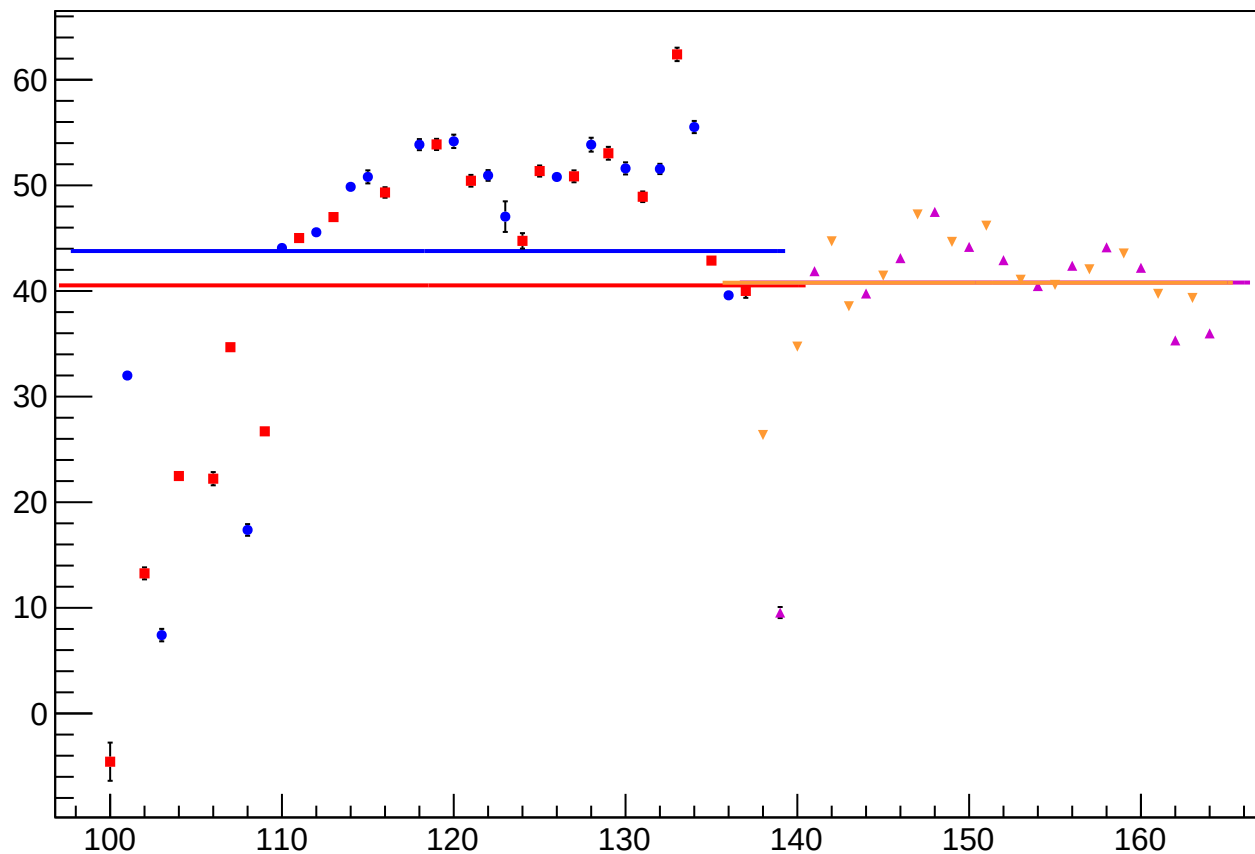
Left In: -35.182 ± 0.082 $\chi^2/\text{NDF}: 7269.6/12$

+ sign -38.826 ± 0.067 $\chi^2/\text{NDF}: 29386.4/30$

All: -39.391 ± 0.047 $\chi^2/\text{NDF}: 57703.7/62$

- sign -39.915 ± 0.065 $\chi^2/\text{NDF}: 28182.1/31$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.783 $\pm$ 0.066 χ^2 /NDF: 4876.0/13

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

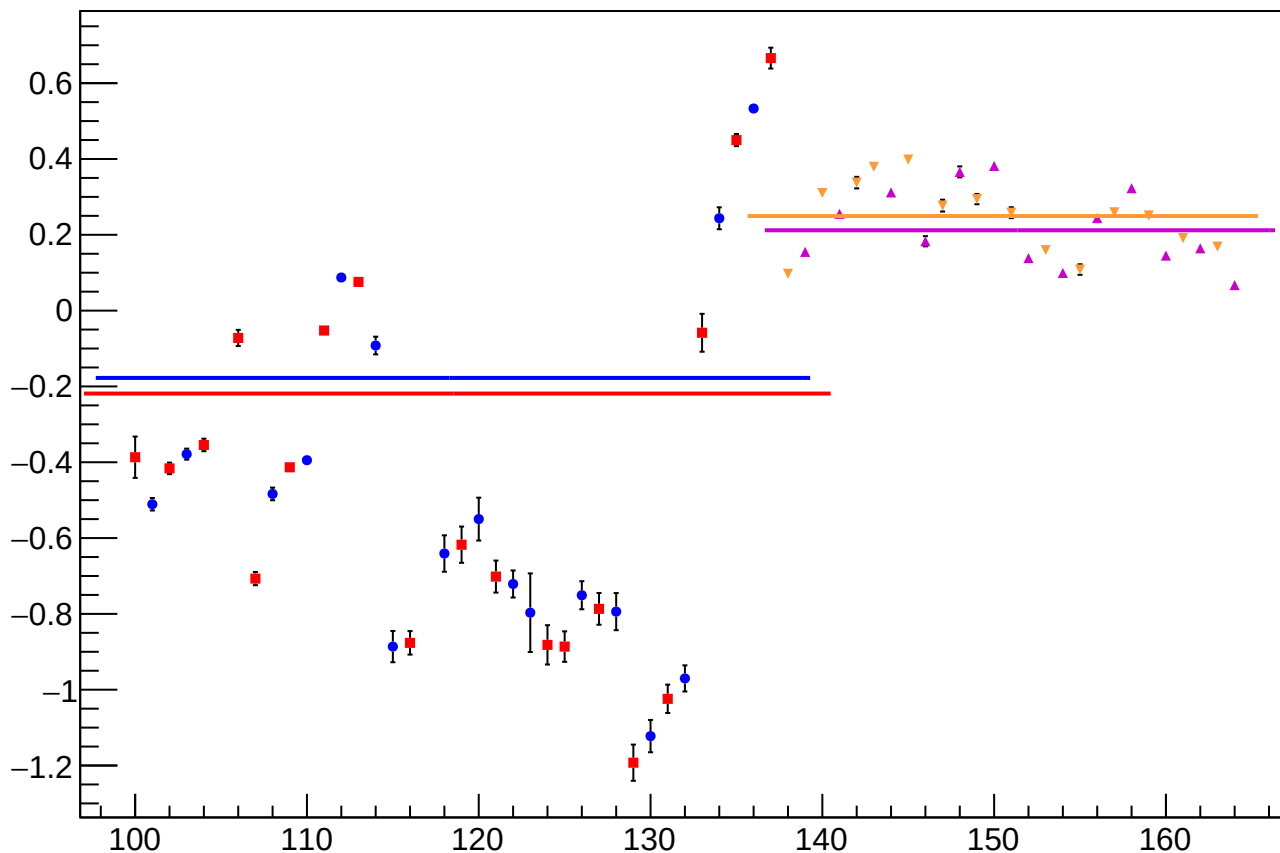
Left In: 40.799 $\pm$ 0.069 χ^2 /NDF: 6045.6/12

+ sign 41.888 $\pm$ 0.053 χ^2 /NDF: 16271.6/30

All: 41.282 $\pm$ 0.037 χ^2 /NDF: 40168.0/62

- sign 40.685 $\pm$ 0.052 χ^2 /NDF: 23632.7/31

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.249 ± 0.003 χ^2/NDF : 835.9/13

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

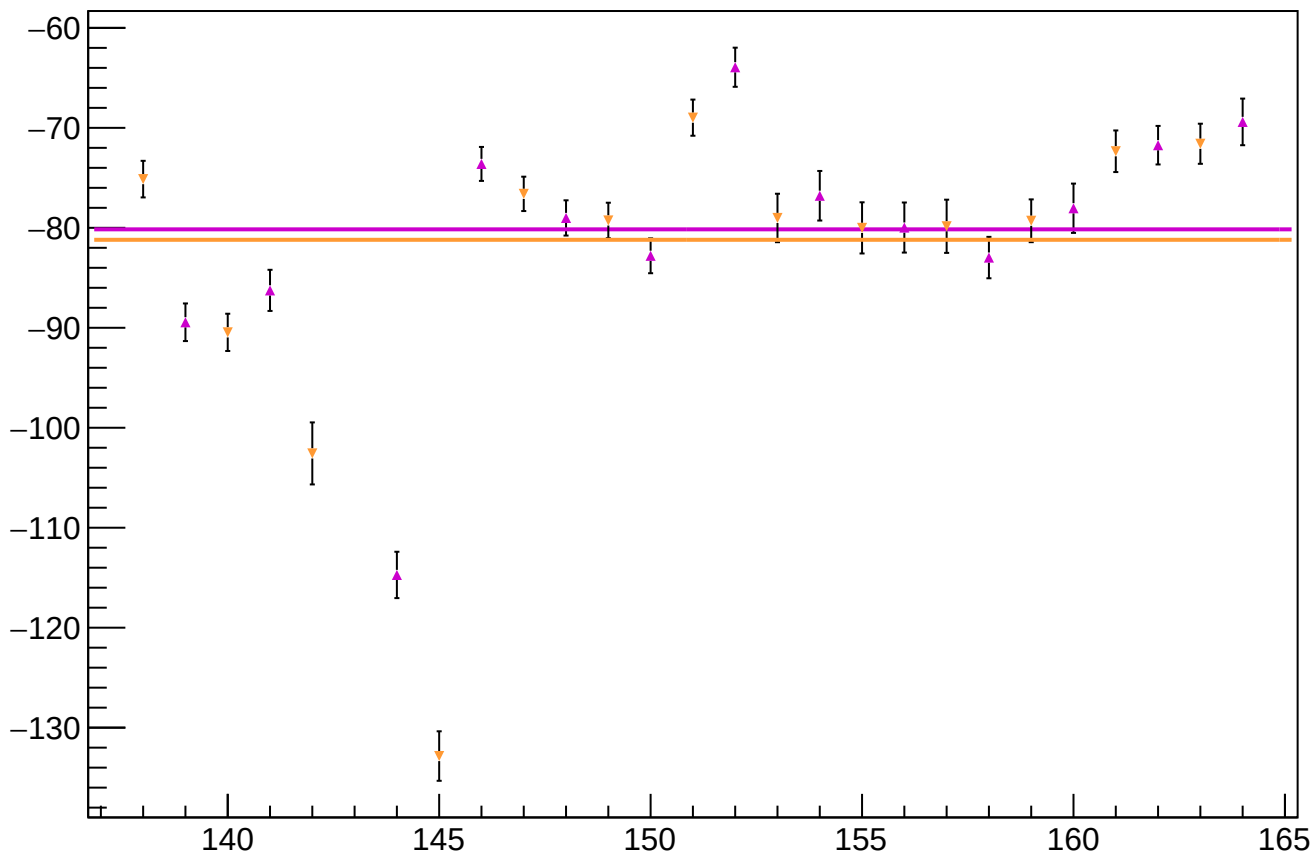
Left In: 0.212 ± 0.003 χ^2/NDF : 867.1/12

+ sign 0.122 ± 0.003 χ^2/NDF : 13682.6/30

All: 0.089 ± 0.002 χ^2/NDF : 28760.7/62

- sign 0.057 ± 0.003 χ^2/NDF : 14771.7/31

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -81.198+/-0.580 χ^2/NDF : 615.4/12

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

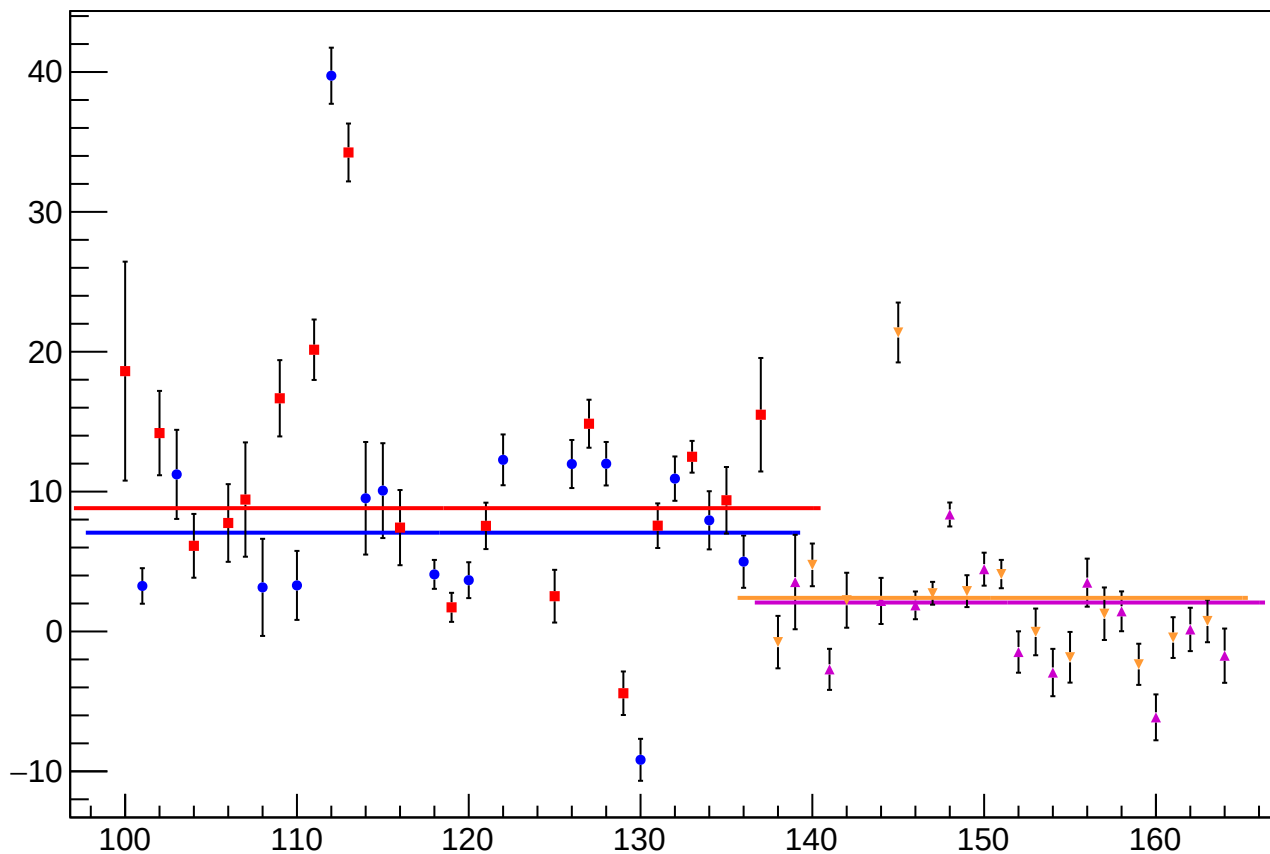
Left In: -80.153+/-0.565 χ^2/NDF : 386.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.662+/-0.404 χ^2/NDF : 1003.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 ± 0.434 χ^2/NDF : 446.9/15

Left Out: 2.402 ± 0.385 χ^2/NDF : 110.4/12

Right Out: 8.816 ± 0.449 χ^2/NDF : 350.4/17

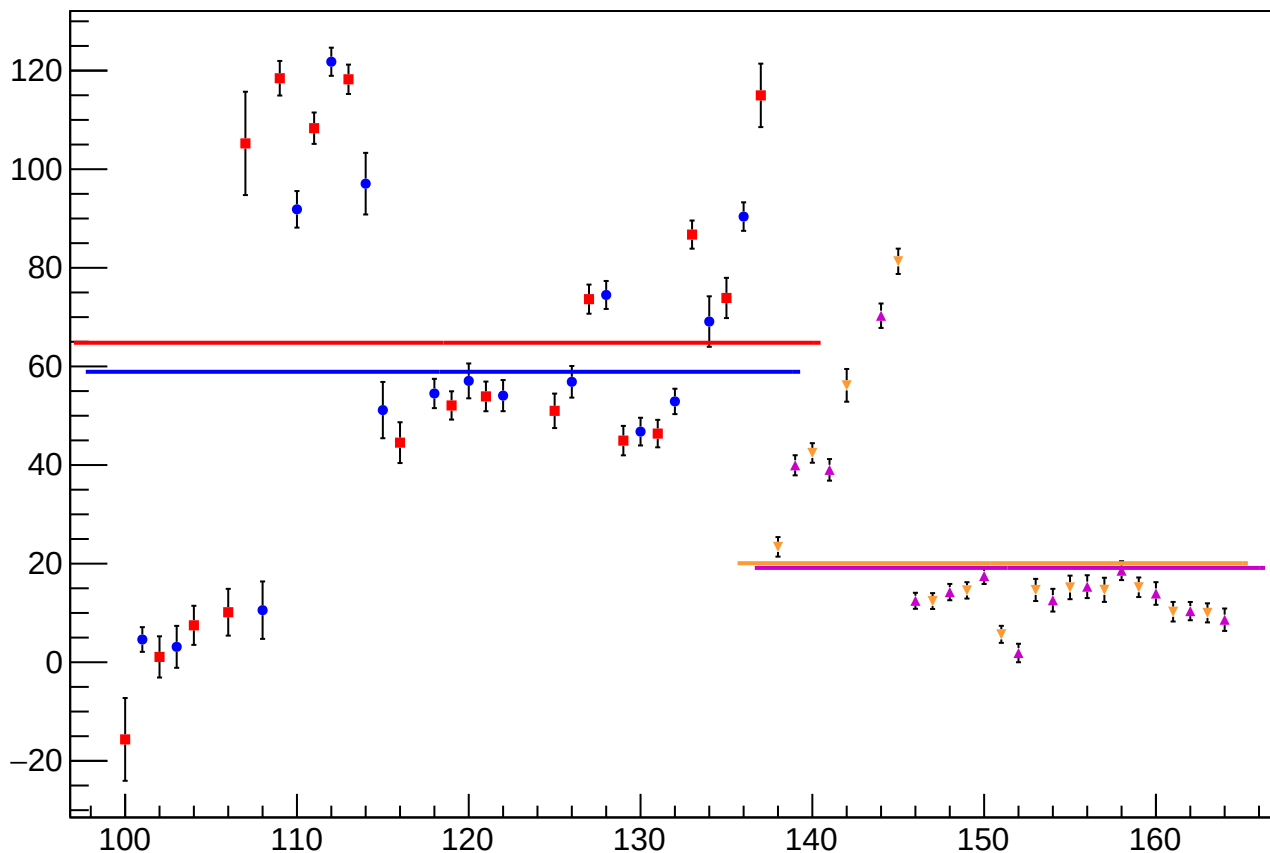
Left In: 2.069 ± 0.386 χ^2/NDF : 114.7/12

+ sign 4.456 ± 0.288 χ^2/NDF : 621.9/28

All: 4.692 ± 0.205 χ^2/NDF : 1218.3/59

- sign 4.936 ± 0.293 χ^2/NDF : 595.0/30

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 20.089 $\pm$ 0.563 χ^2 /NDF: 992.2/12

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

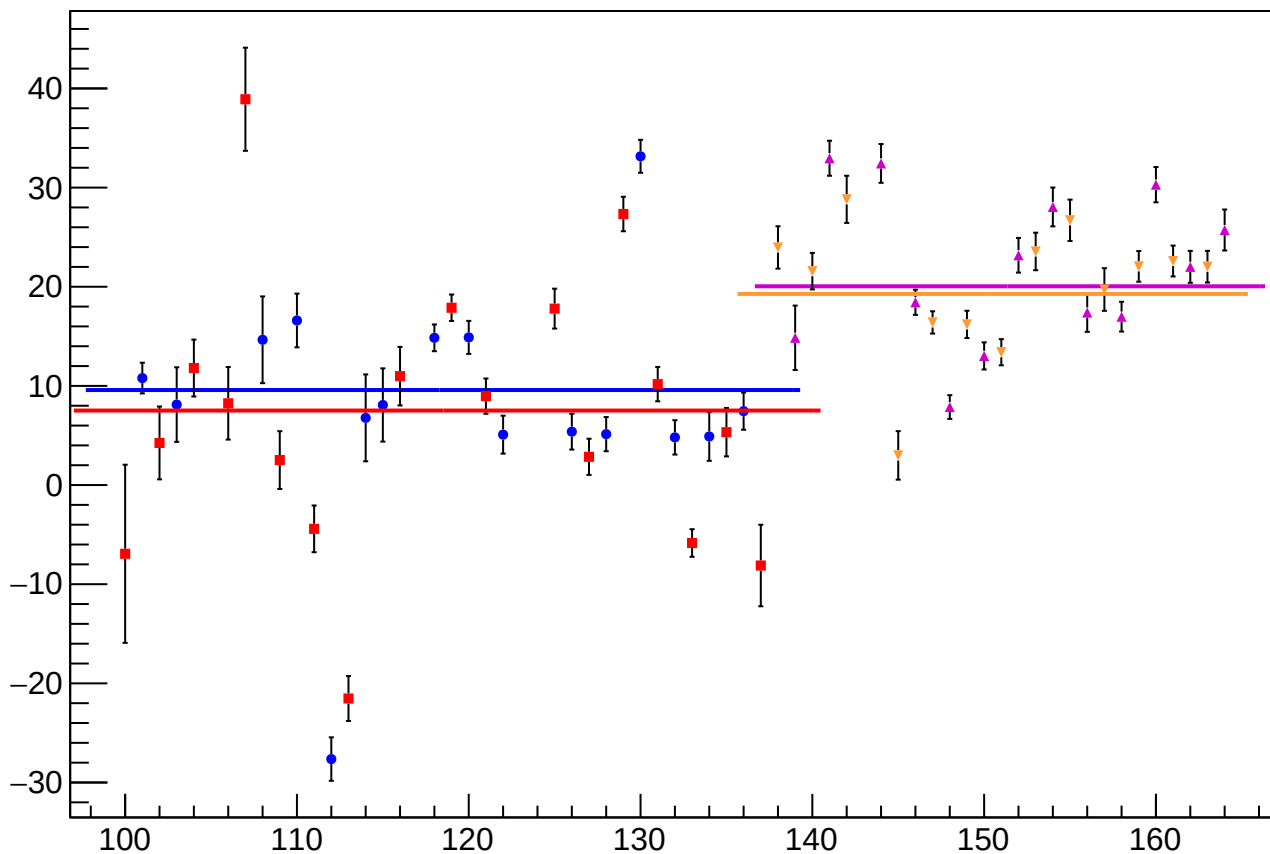
Left In: 19.134 $\pm$ 0.547 χ^2 /NDF: 783.8/12

+ sign 32.306 $\pm$ 0.466 χ^2 /NDF: 3983.3/28

All: 32.526 $\pm$ 0.327 χ^2 /NDF: 8559.8/59

- sign 32.738 $\pm$ 0.459 χ^2 /NDF: 4576.1/30

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 19.277 ± 0.461 χ^2/NDF : 126.8/12

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

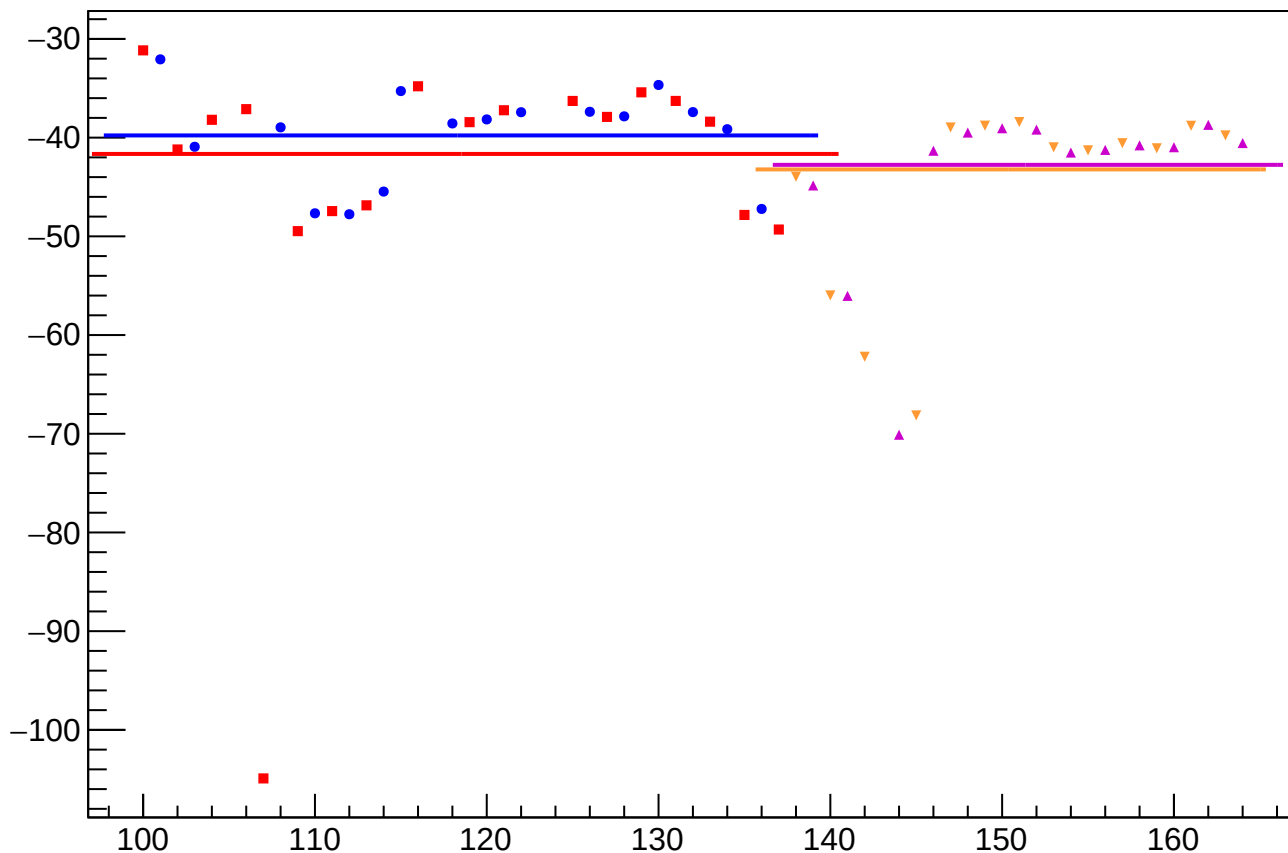
Left In: 20.048 ± 0.458 χ^2/NDF : 295.8/12

+ sign 14.832 ± 0.339 χ^2/NDF : 883.8/28

All: 14.676 ± 0.241 χ^2/NDF : 2079.9/59

- sign 14.517 ± 0.343 χ^2/NDF : 1195.6/30

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -43.220 ± 0.022 χ^2/NDF : 122013.2/12

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

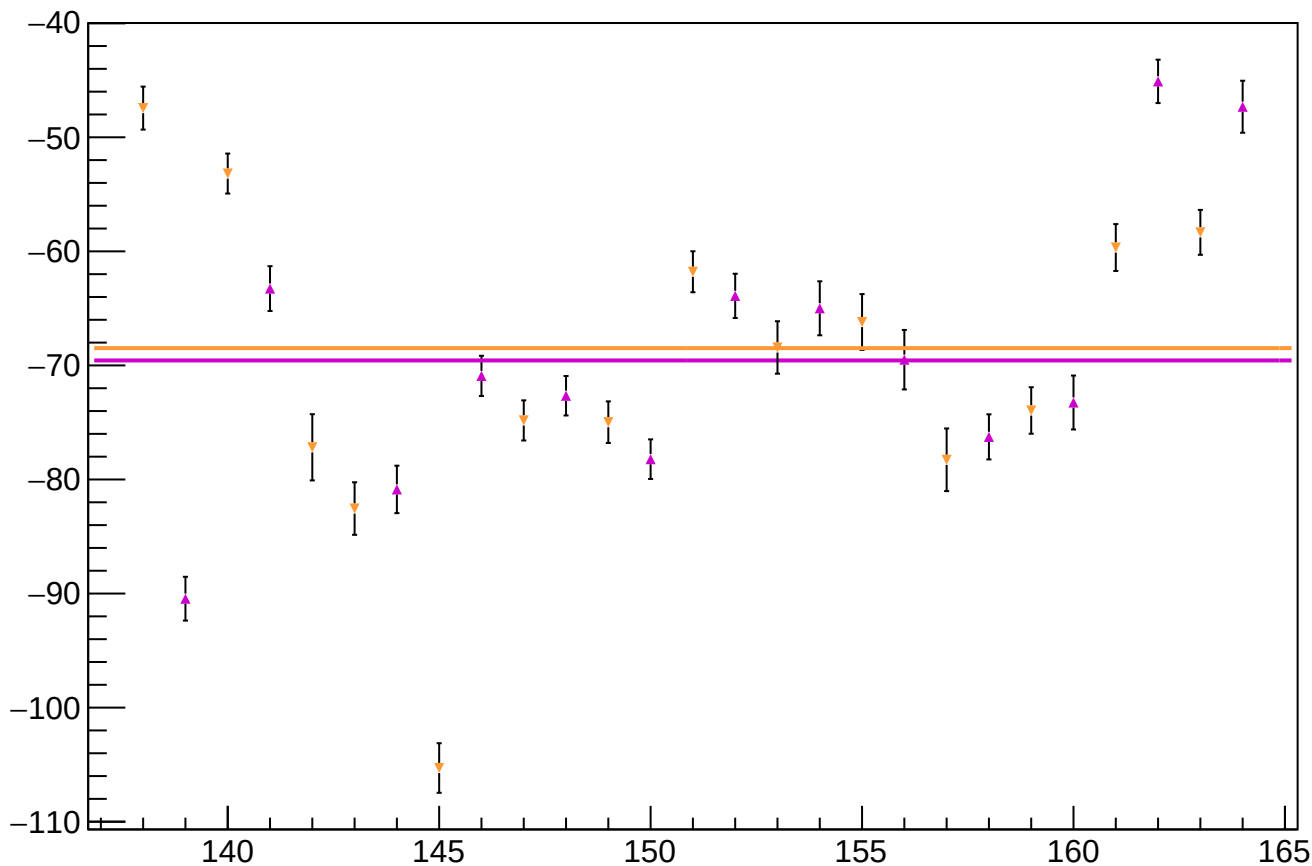
Left In: -42.757 ± 0.022 χ^2/NDF : 99676.3/12

+ sign -42.044 ± 0.018 χ^2/NDF : 156258.1/28

All: -42.225 ± 0.013 χ^2/NDF : 351436.6/59

- sign -42.398 ± 0.018 χ^2/NDF : 194983.6/30

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -68.484 $\pm$ 0.552 χ^2 /NDF: 639.2/13

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

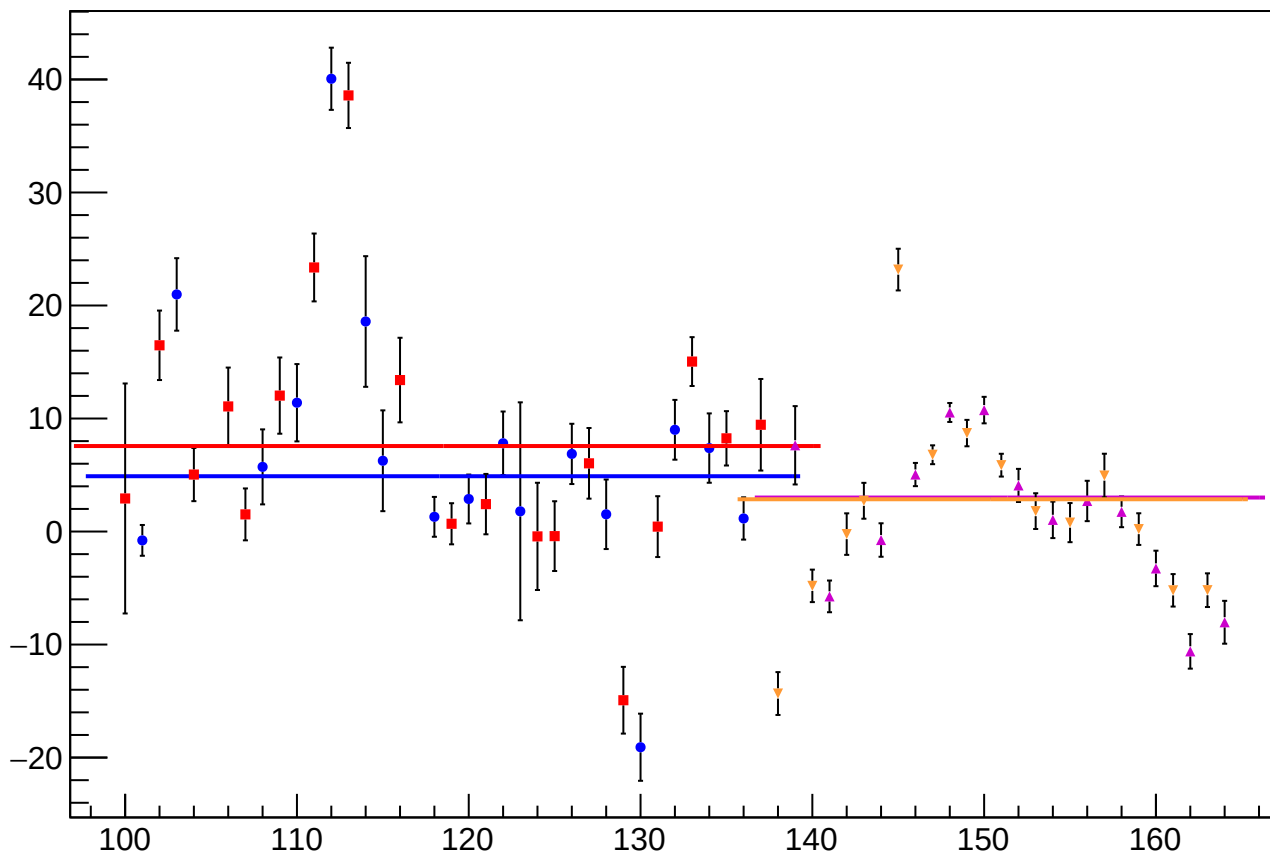
Left In: -69.564 $\pm$ 0.555 χ^2 /NDF: 473.3/12

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

All: -69.021 $\pm$ 0.391 χ^2 /NDF: 1114.5/26

- sign 0.000 $\pm$ 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: 2.856 ± 0.369 χ^2/NDF : 358.3/13

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

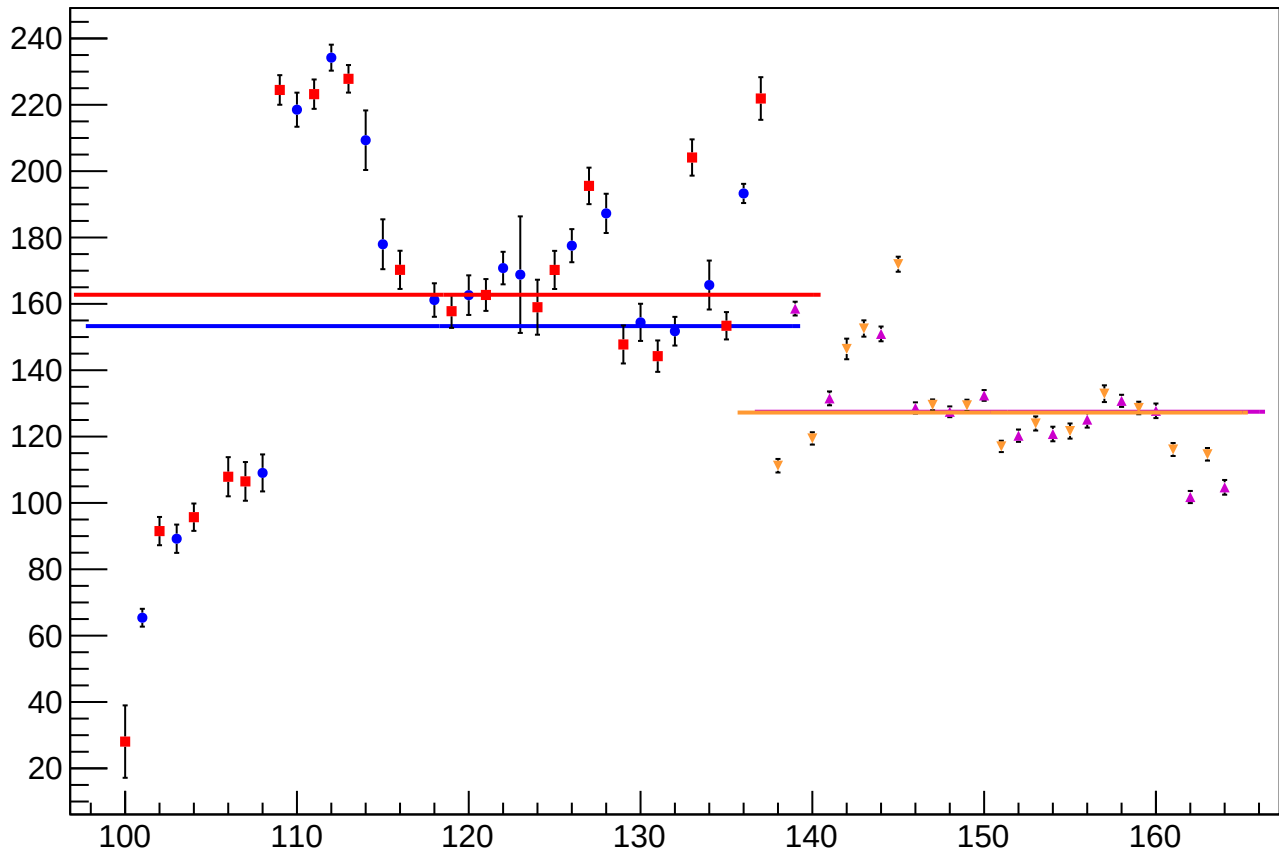
Left In: 3.007 ± 0.379 χ^2/NDF : 306.9/12

+ sign 3.387 ± 0.317 χ^2/NDF : 661.6/30

All: 3.761 ± 0.228 χ^2/NDF : 1278.1/62

- sign 4.160 ± 0.328 χ^2/NDF : 613.6/31

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 127.245 $\pm$ 0.540 χ^2 /NDF: 740.3/13

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

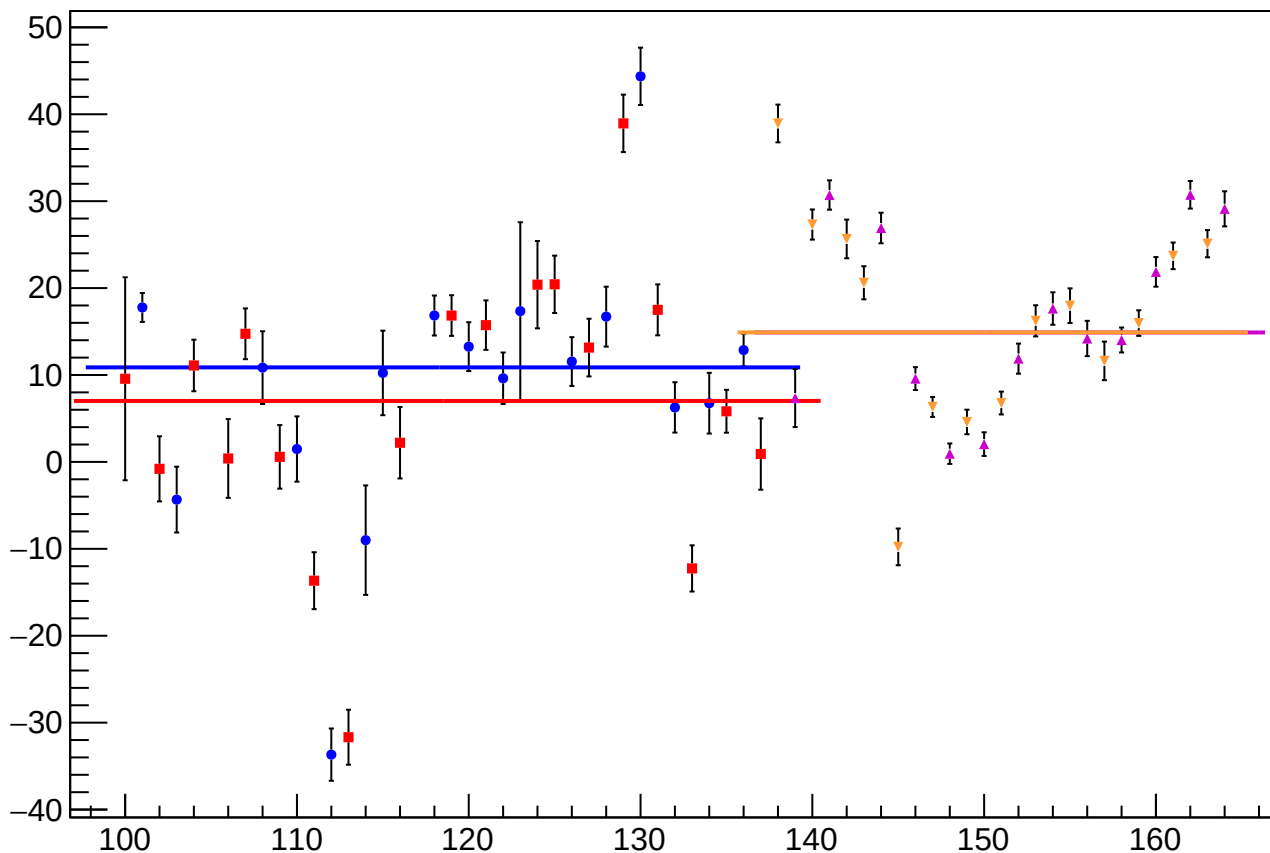
Left In: 127.487 $\pm$ 0.539 χ^2 /NDF: 678.8/12

+ sign 131.986 $\pm$ 0.488 χ^2 /NDF: 3430.7/30

All: 132.788 $\pm$ 0.346 χ^2 /NDF: 6566.2/62

- sign 133.594 $\pm$ 0.490 χ^2 /NDF: 3130.0/31

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 ± 0.713 $\chi^2/\text{NDF}: 388.1/16$

Left Out: 14.901 ± 0.441 $\chi^2/\text{NDF}: 570.9/13$

Right Out: 7.014 ± 0.748 $\chi^2/\text{NDF}: 424.5/18$

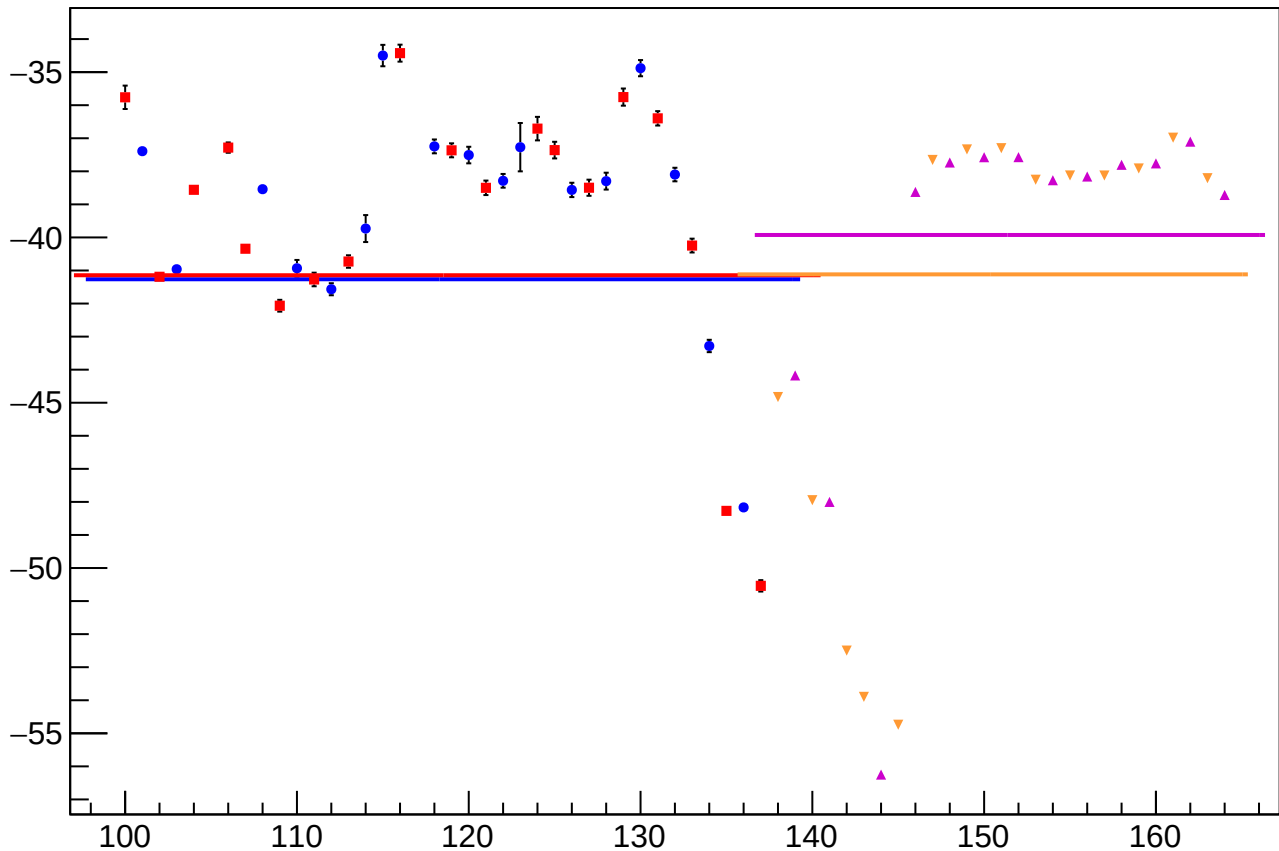
Left In: 14.893 ± 0.450 $\chi^2/\text{NDF}: 557.7/12$

+ sign 13.789 ± 0.375 $\chi^2/\text{NDF}: 982.0/30$

All: 13.309 ± 0.269 $\chi^2/\text{NDF}: 2049.0/62$

- sign 12.801 ± 0.385 $\chi^2/\text{NDF}: 1063.7/31$

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -41.117 ± 0.021 $\chi^2/\text{NDF}: 75565.4/13$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

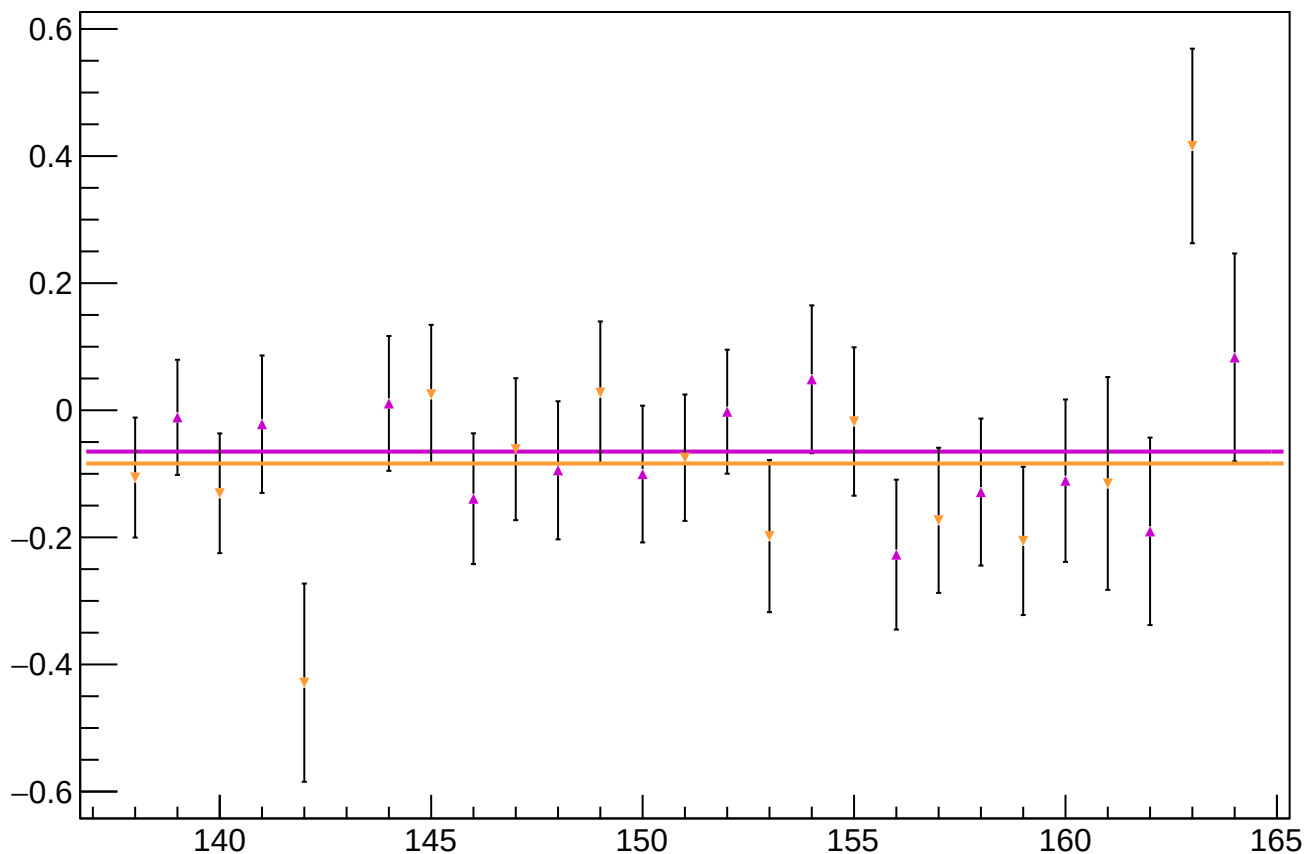
Left In: -39.926 ± 0.021 $\chi^2/\text{NDF}: 48438.6/12$

+ sign -41.152 ± 0.019 $\chi^2/\text{NDF}: 88146.8/30$

All: -40.679 ± 0.013 $\chi^2/\text{NDF}: 150841.0/62$

- sign -40.209 ± 0.019 $\chi^2/\text{NDF}: 61420.4/31$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.084 $\pm$ 0.032 χ^2 /NDF: 20.8/12

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

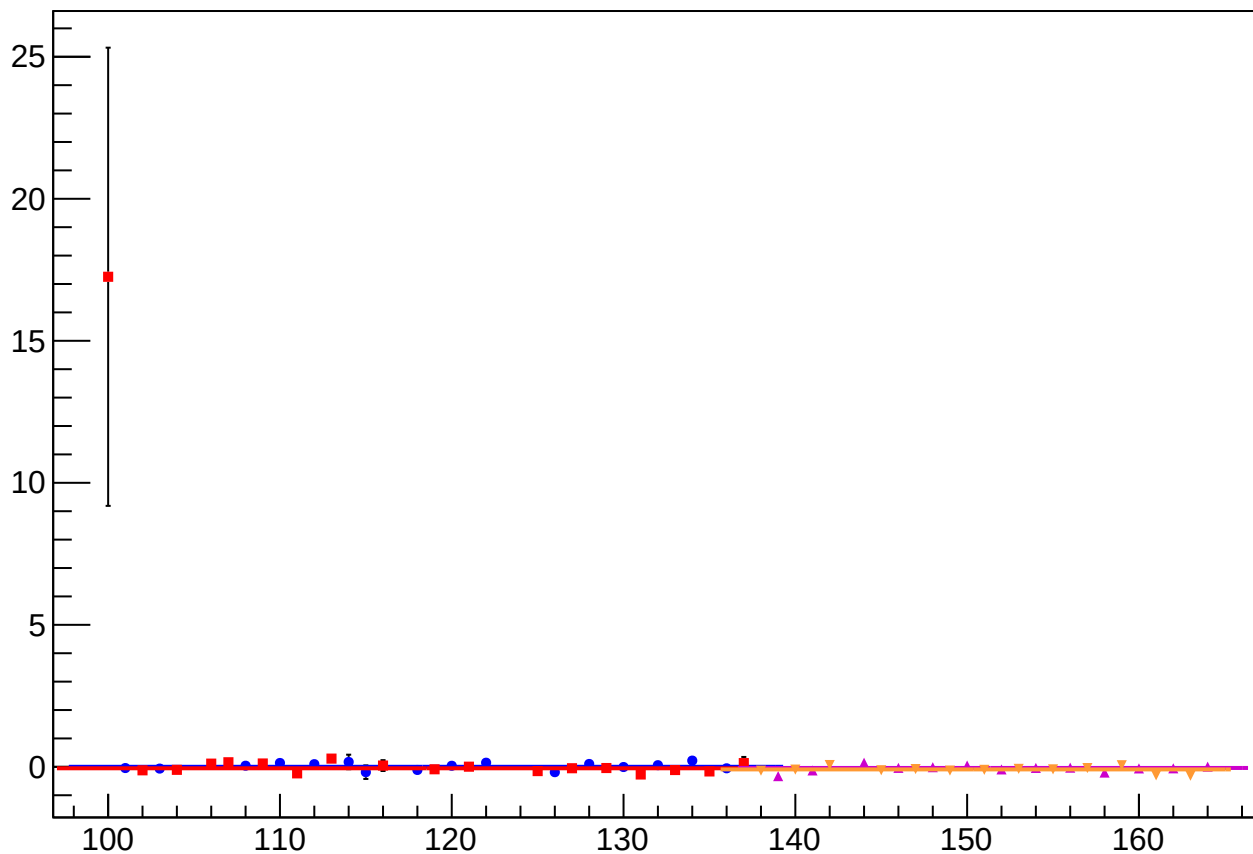
Left In: -0.065 $\pm$ 0.031 χ^2 /NDF: 7.0/12

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

All: -0.074 $\pm$ 0.022 χ^2 /NDF: 28.0/25

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.090 ± 0.022 χ^2/NDF : 13.7/12

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

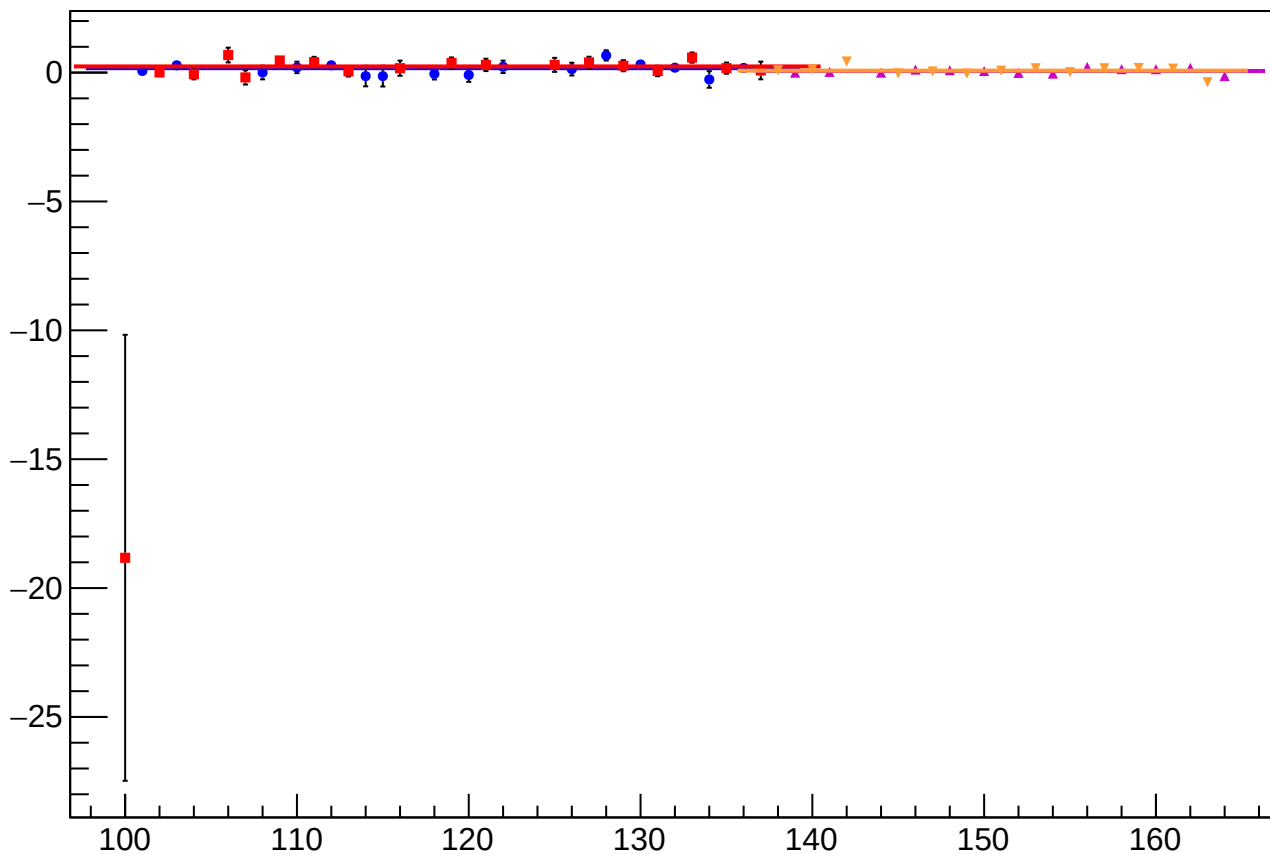
Left In: -0.039 ± 0.022 χ^2/NDF : 16.6/12

+ sign -0.056 ± 0.017 χ^2/NDF : 32.8/28

All: -0.050 ± 0.012 χ^2/NDF : 75.6/59

- sign -0.043 ± 0.018 χ^2/NDF : 42.5/30

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.075 $\pm$ 0.031 χ^2 /NDF: 19.2/12

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

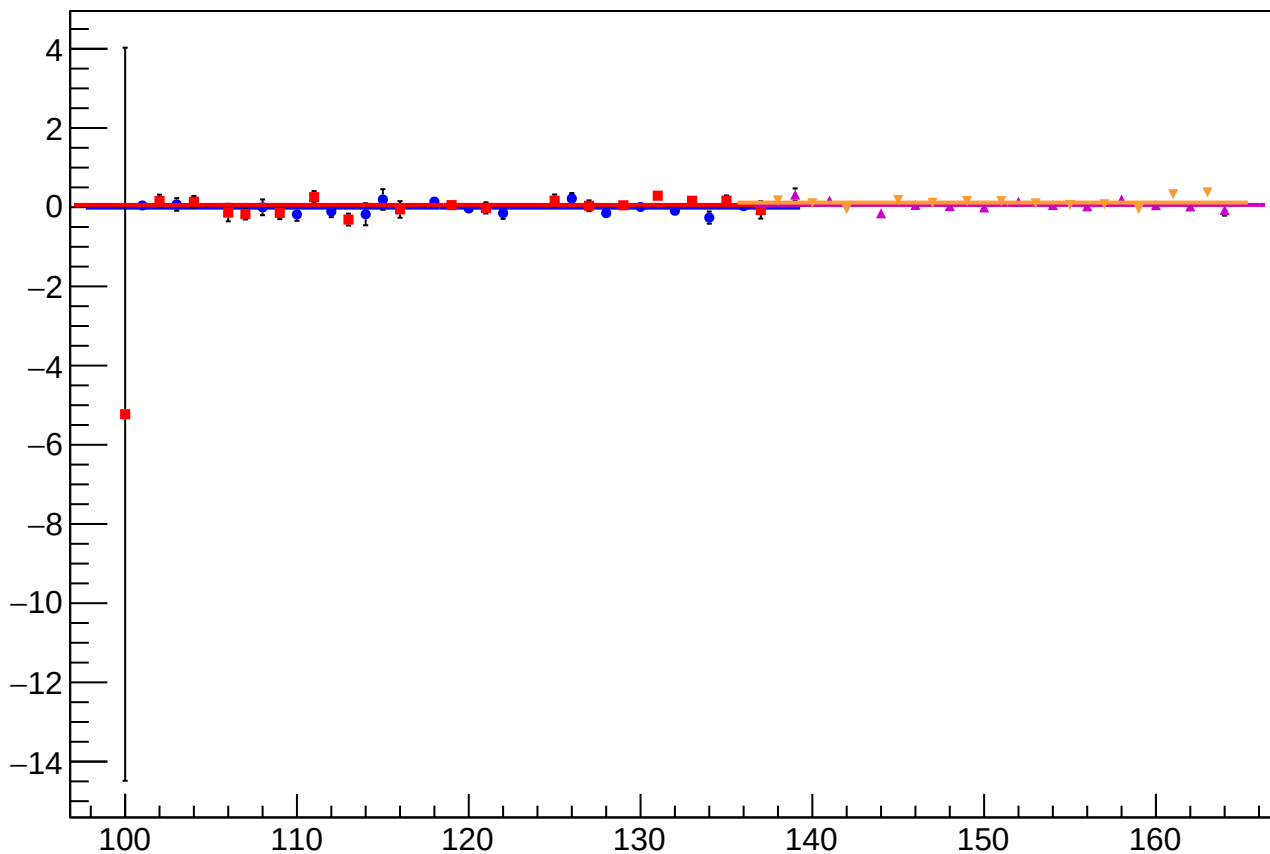
Left In: 0.062 $\pm$ 0.030 χ^2 /NDF: 7.8/12

+ sign 0.100 $\pm$ 0.027 χ^2 /NDF: 35.4/28

All: 0.102 $\pm$ 0.019 χ^2 /NDF: 73.2/59

- sign 0.105 $\pm$ 0.026 χ^2 /NDF: 37.8/30

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.117 ± 0.026 χ^2/NDF : 14.4/12

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

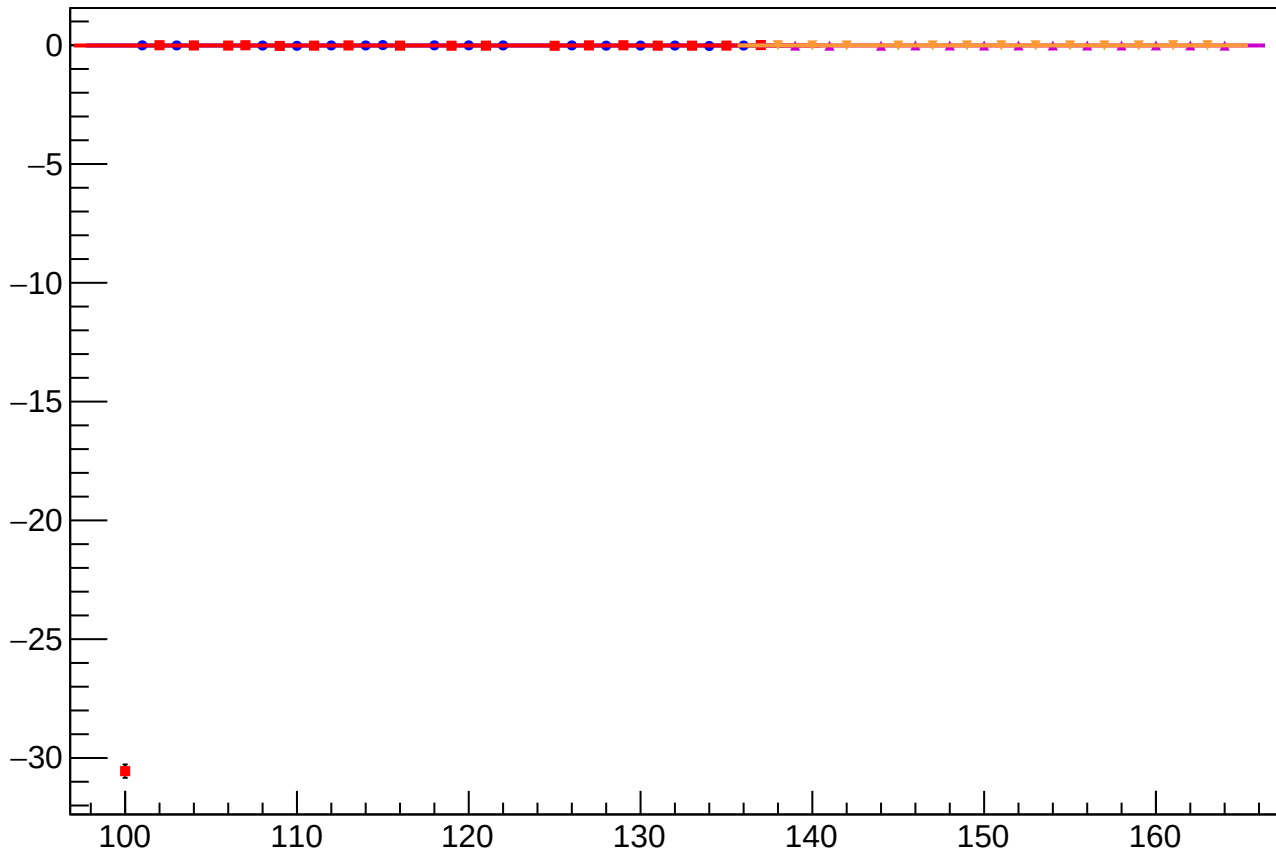
Left In: 0.057 ± 0.026 χ^2/NDF : 14.9/12

+ sign 0.067 ± 0.020 χ^2/NDF : 37.5/28

All: 0.062 ± 0.014 χ^2/NDF : 73.1/59

- sign 0.058 ± 0.021 χ^2/NDF : 35.5/30

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: 11.9/12

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

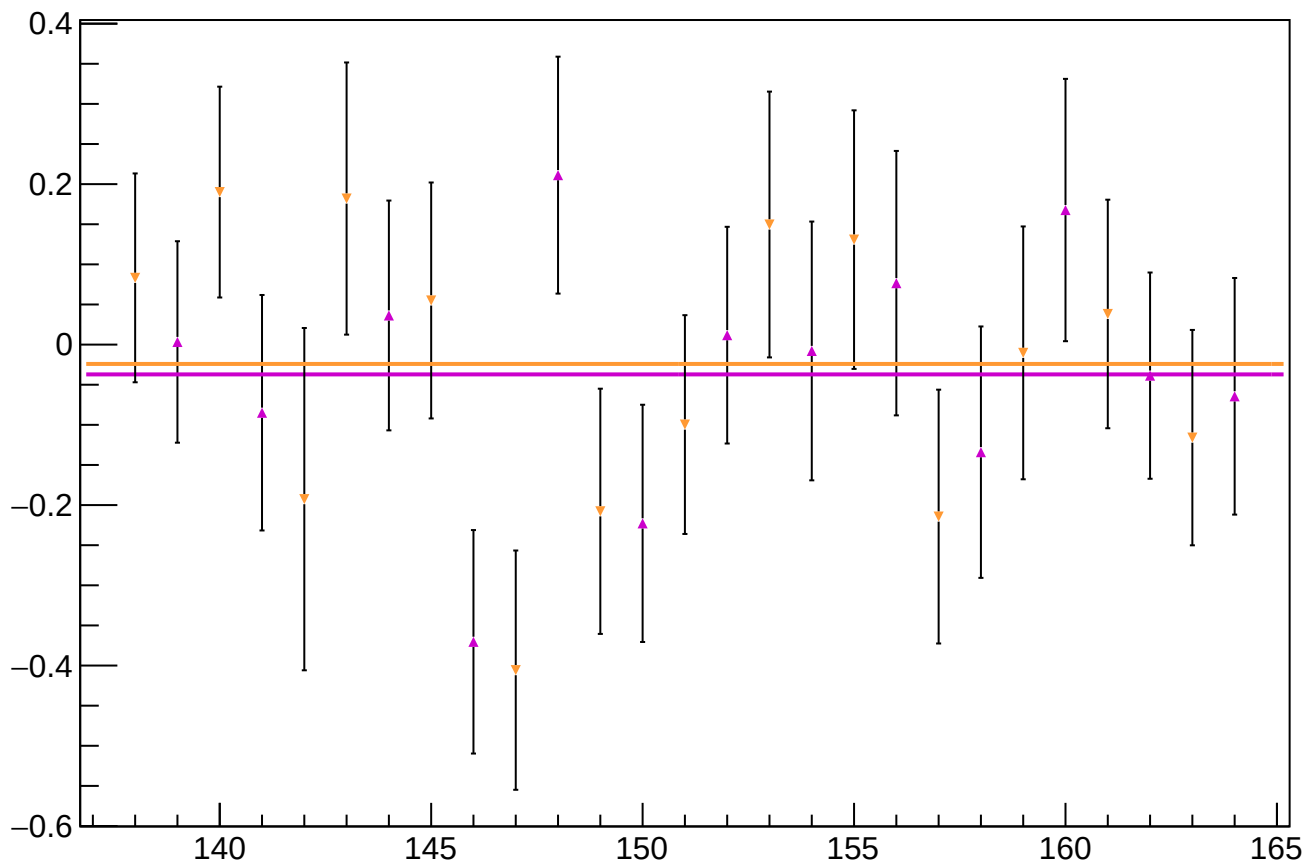
Left In: -0.011 $\pm$ 0.001 χ^2 /NDF: 12.4/12

+ sign -0.009 $\pm$ 0.001 χ^2 /NDF: 27.7/28

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11933.8/59

- sign -0.011 $\pm$ 0.001 χ^2 /NDF: 11904.4/30

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.024 $\pm$ 0.040 χ^2 /NDF: 18.2/13

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

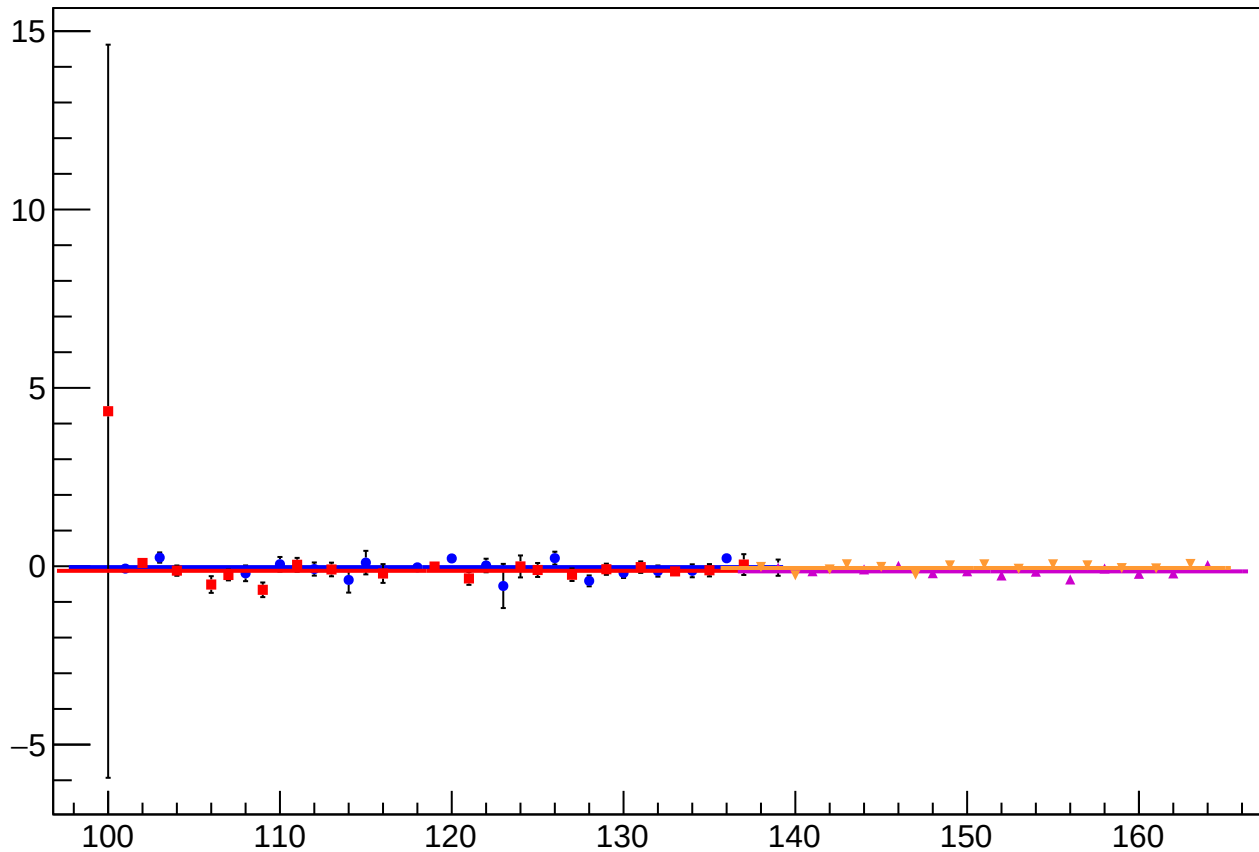
Left In: -0.037 $\pm$ 0.040 χ^2 /NDF: 13.2/12

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

All: -0.031 $\pm$ 0.028 χ^2 /NDF: 31.5/26

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

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.049 ± 0.028 χ^2/NDF : 16.0/13

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

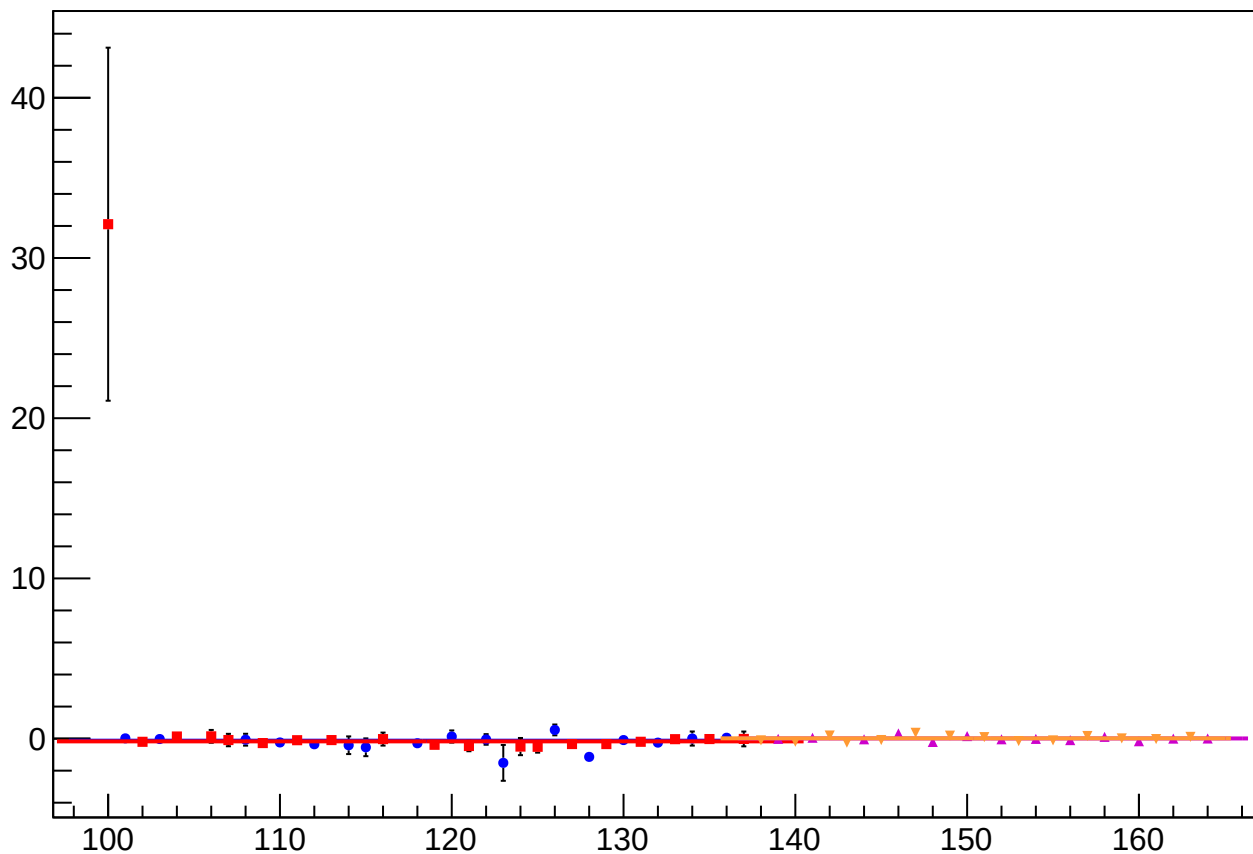
Left In: -0.144 ± 0.029 χ^2/NDF : 13.1/12

+ sign -0.040 ± 0.022 χ^2/NDF : 39.6/30

All: -0.087 ± 0.016 χ^2/NDF : 80.1/62

- sign -0.139 ± 0.023 χ^2/NDF : 30.9/31

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.018 ± 0.039 χ^2/NDF : 17.8/13

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

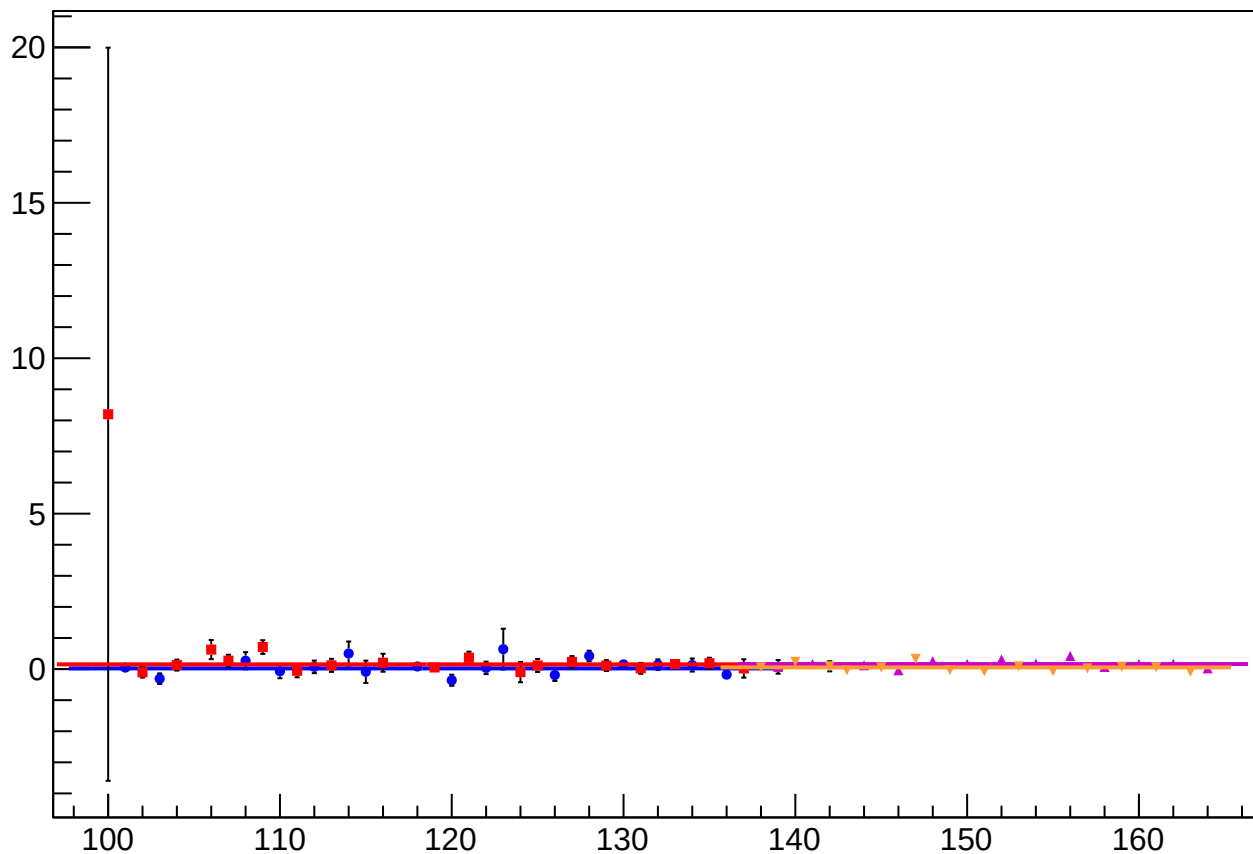
Left In: 0.011 ± 0.039 χ^2/NDF : 11.8/12

+ sign -0.020 ± 0.034 χ^2/NDF : 45.2/30

All: -0.026 ± 0.024 χ^2/NDF : 77.1/62

- sign -0.032 ± 0.034 χ^2/NDF : 31.9/31

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 $\pm$ 0.042 χ^2 /NDF: 22.5/16

Left Out: 0.054 $\pm$ 0.033 χ^2 /NDF: 15.1/13

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.2/18

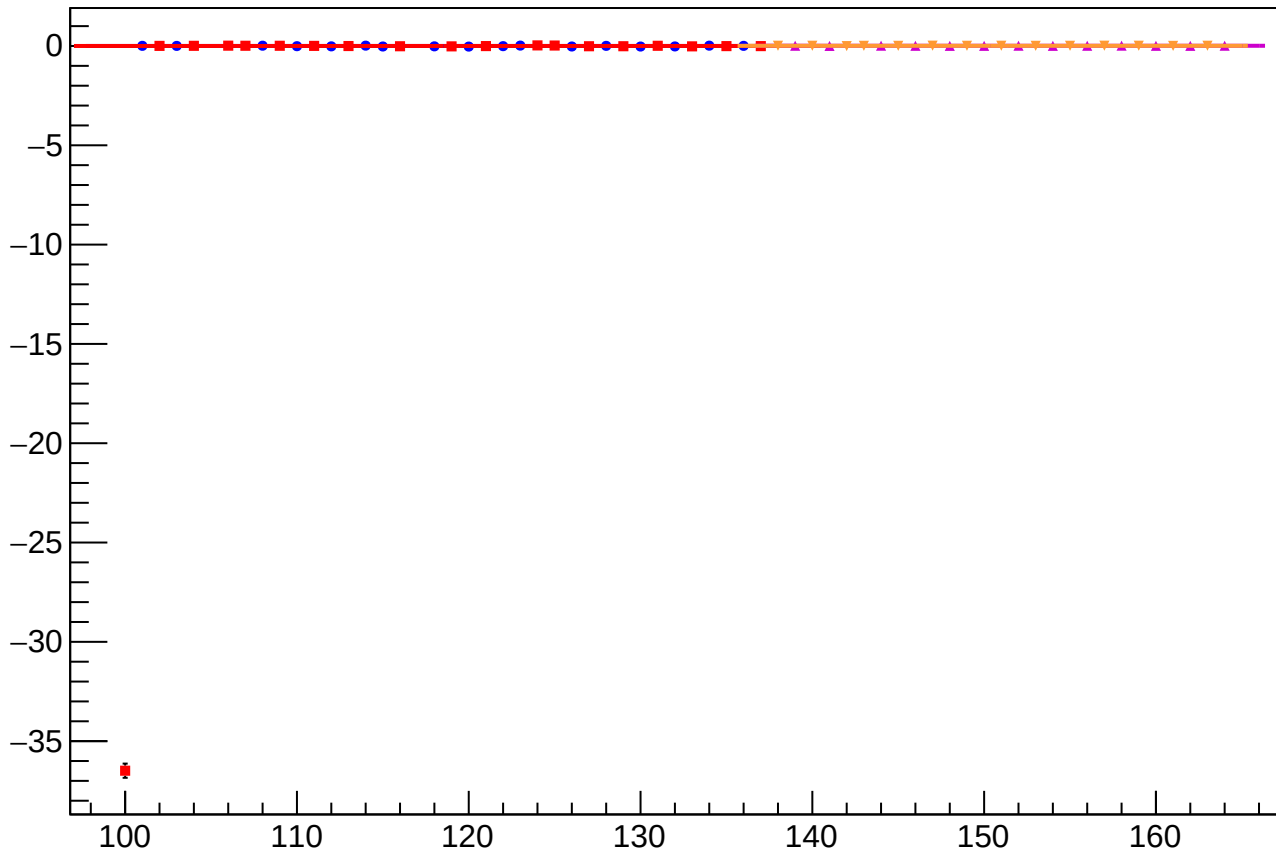
Left In: 0.161 $\pm$ 0.033 χ^2 /NDF: 12.1/12

+ sign 0.042 $\pm$ 0.026 χ^2 /NDF: 38.0/30

All: 0.098 $\pm$ 0.019 χ^2 /NDF: 76.1/62

- sign 0.158 $\pm$ 0.027 χ^2 /NDF: 28.4/31

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF: 6.6/13

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

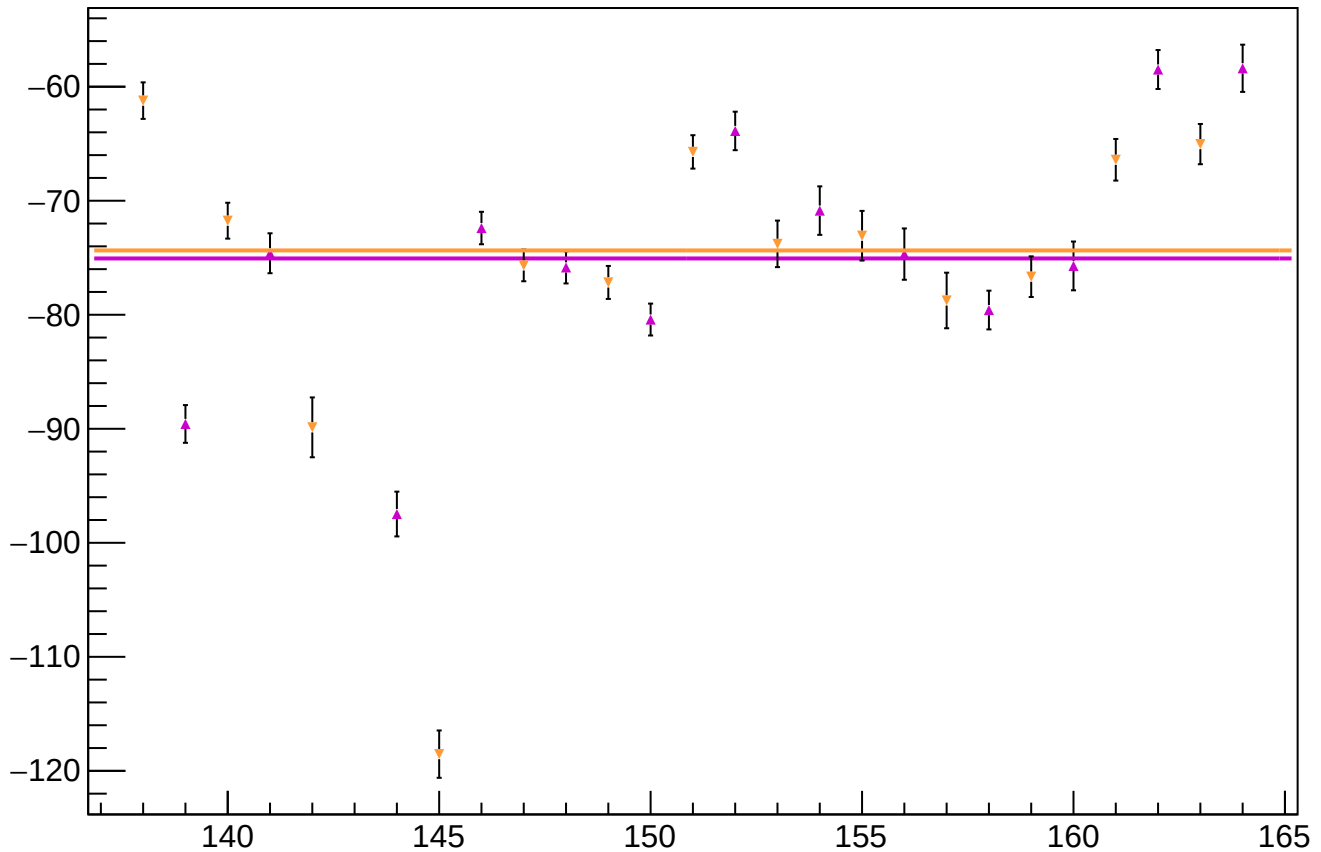
Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.7/12

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 50.8/30

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10519.1/62

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10468.3/31

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -74.359+/-0.489 χ^2/NDF : 649.6/12

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

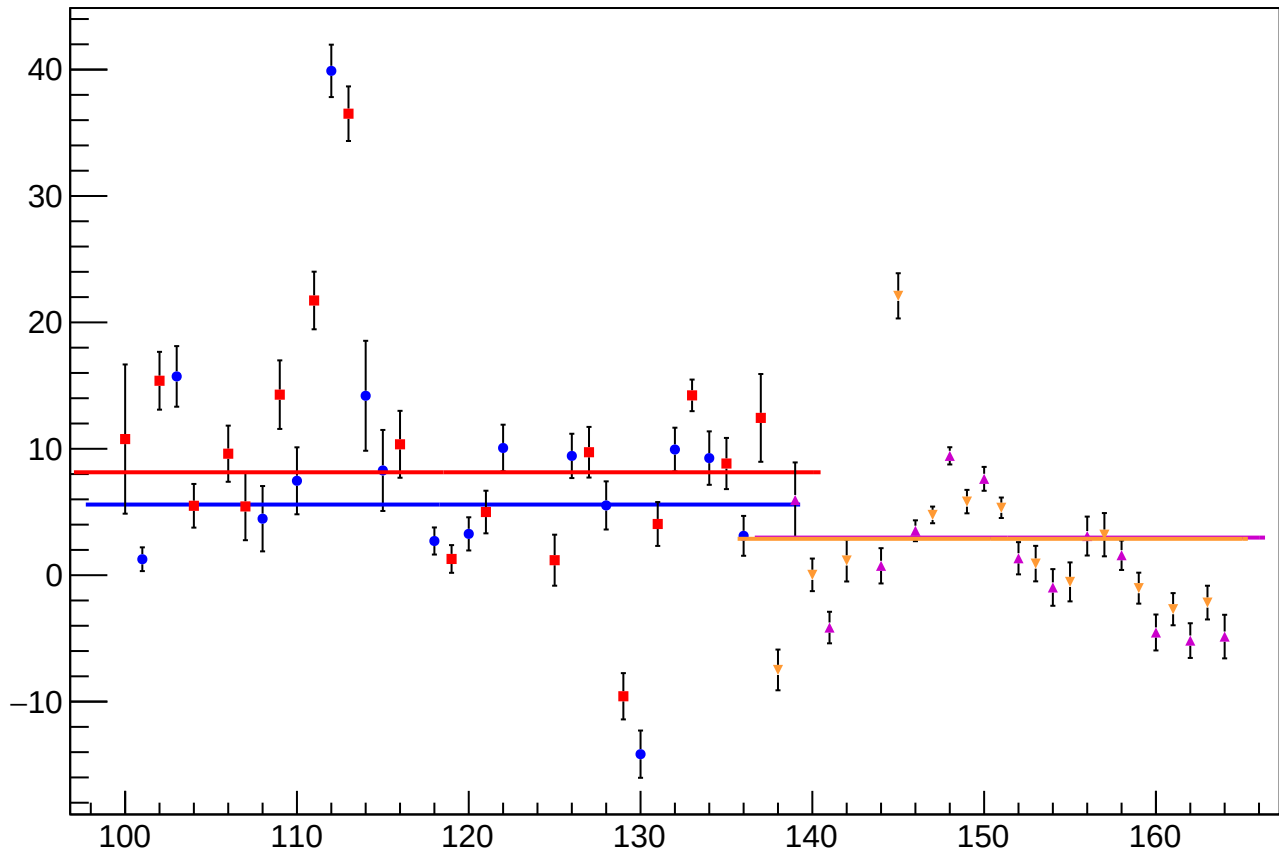
Left In: -75.062+/-0.478 χ^2/NDF : 439.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.718+/-0.342 χ^2/NDF : 1090.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 ± 0.424 $\chi^2/\text{NDF}: 462.8/15$

Left Out: 2.879 ± 0.320 $\chi^2/\text{NDF}: 240.9/12$

Right Out: 8.142 ± 0.454 $\chi^2/\text{NDF}: 407.7/17$

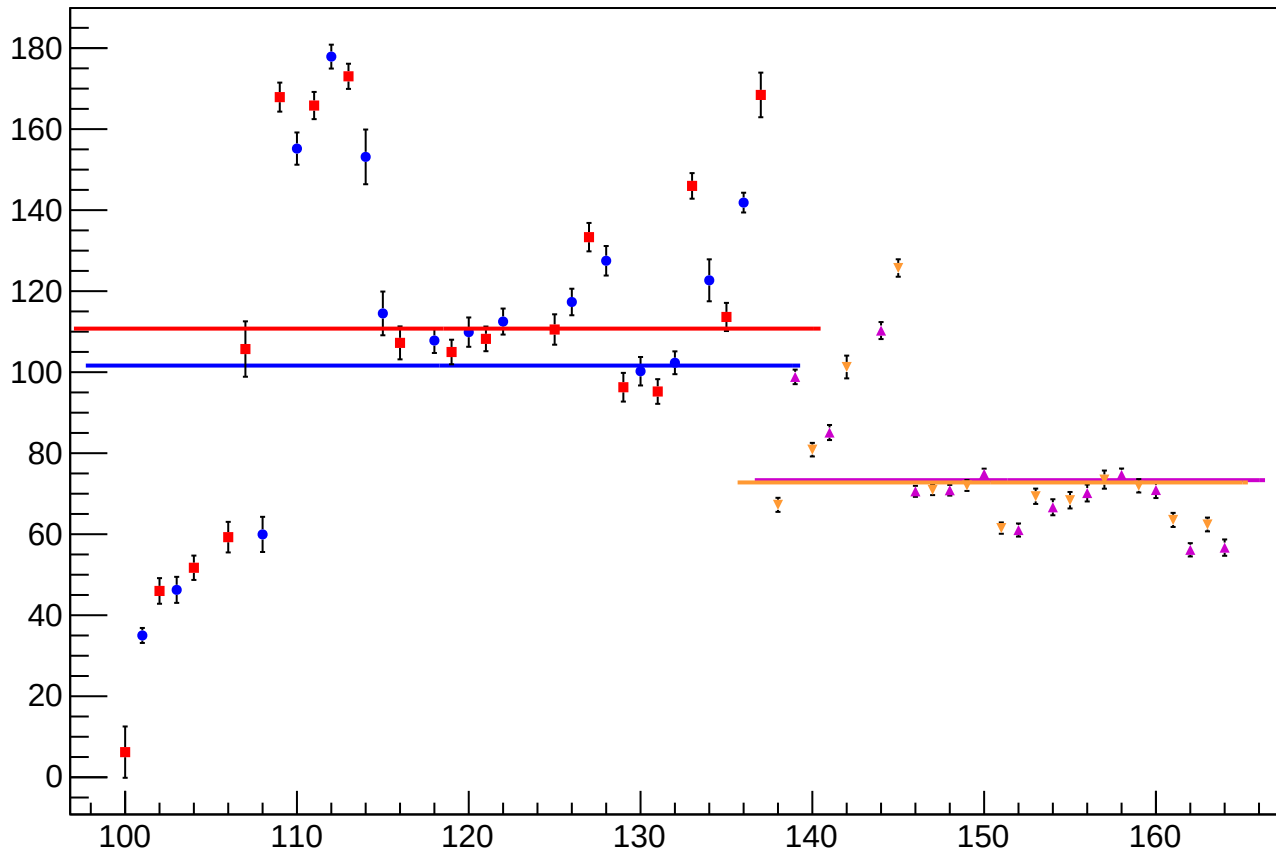
Left In: 2.975 ± 0.323 $\chi^2/\text{NDF}: 244.9/12$

+ sign 3.864 ± 0.255 $\chi^2/\text{NDF}: 729.8/28$

All: 4.274 ± 0.183 $\chi^2/\text{NDF}: 1473.9/59$

- sign 4.710 ± 0.263 $\chi^2/\text{NDF}: 738.8/30$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 72.779 $\pm$ 0.474 χ^2 /NDF:881.0/12

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

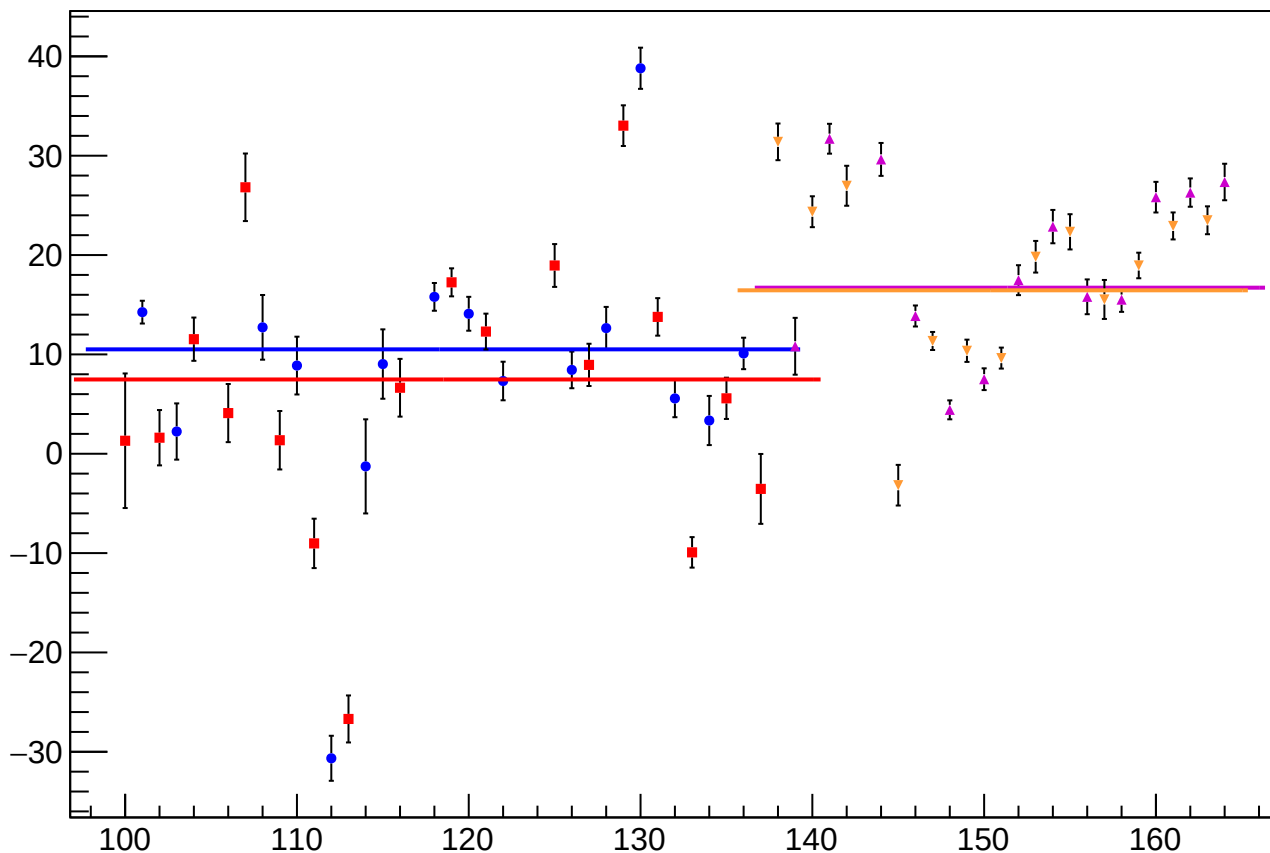
Left In: 73.342 $\pm$ 0.463 χ^2 /NDF:811.7/12

+ sign 80.190 $\pm$ 0.409 χ^2 /NDF: 4809.8/28

All: 81.162 $\pm$ 0.288 χ^2 /NDF: 9678.2/59

- sign 82.114 $\pm$ 0.405 χ^2 /NDF: 4857.2/30

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 ± 0.492 $\chi^2/\text{NDF}: 581.5/15$

Left Out: 16.450 ± 0.386 $\chi^2/\text{NDF}: 381.0/12$

Right Out: 7.477 ± 0.524 $\chi^2/\text{NDF}: 689.3/17$

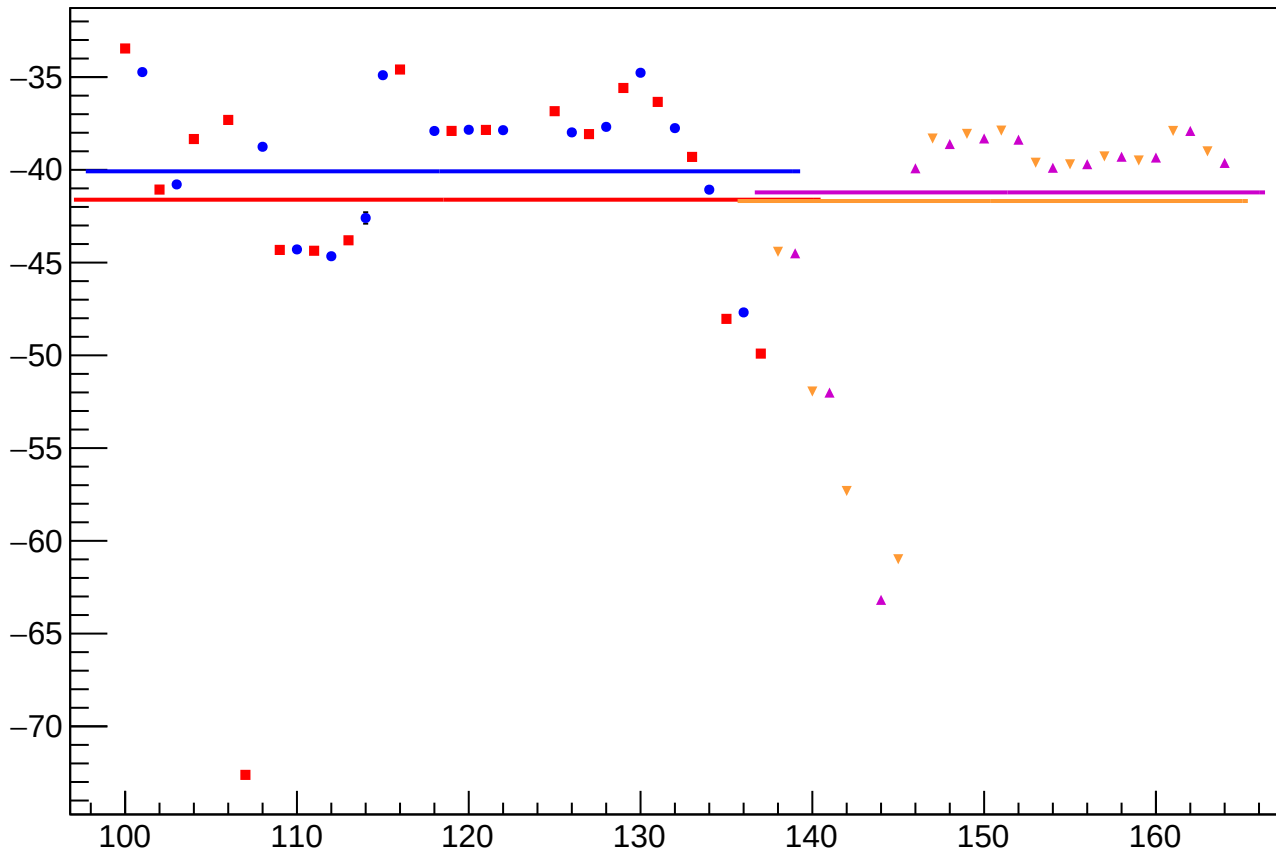
Left In: 16.716 ± 0.385 $\chi^2/\text{NDF}: 537.2/12$

+ sign 14.189 ± 0.304 $\chi^2/\text{NDF}: 1052.8/28$

All: 13.841 ± 0.217 $\chi^2/\text{NDF}: 2484.0/59$

- sign 13.477 ± 0.310 $\chi^2/\text{NDF}: 1428.4/30$

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -41.680 ± 0.019 χ^2/NDF : 111423.9/12

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

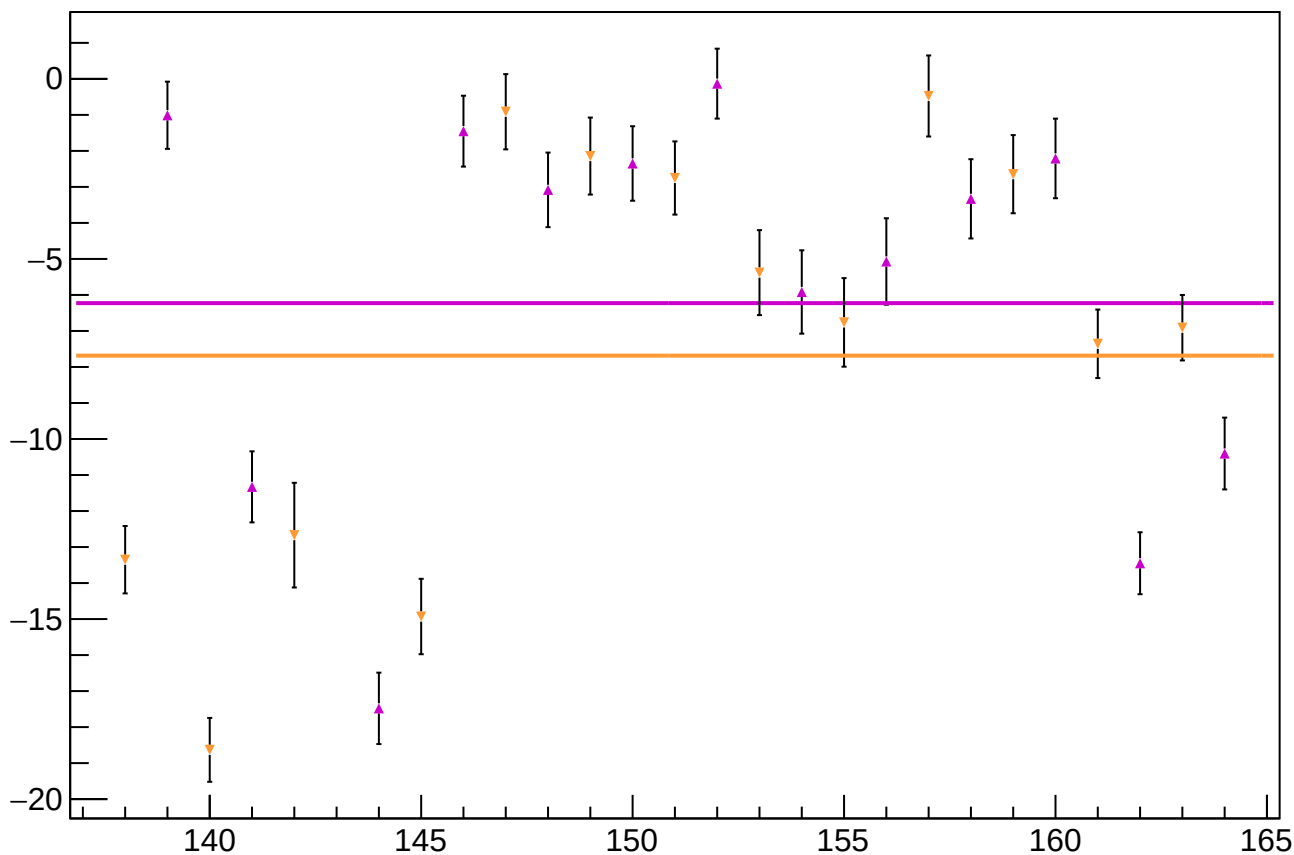
Left In: -41.216 ± 0.018 χ^2/NDF : 92973.9/12

+ sign -41.182 ± 0.016 χ^2/NDF : 138766.8/28

All: -41.258 ± 0.011 χ^2/NDF : 293705.1/59

- sign -41.331 ± 0.015 χ^2/NDF : 154892.6/30

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -7.685 $\pm$ 0.290 χ^2 /NDF: 409.1/12

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

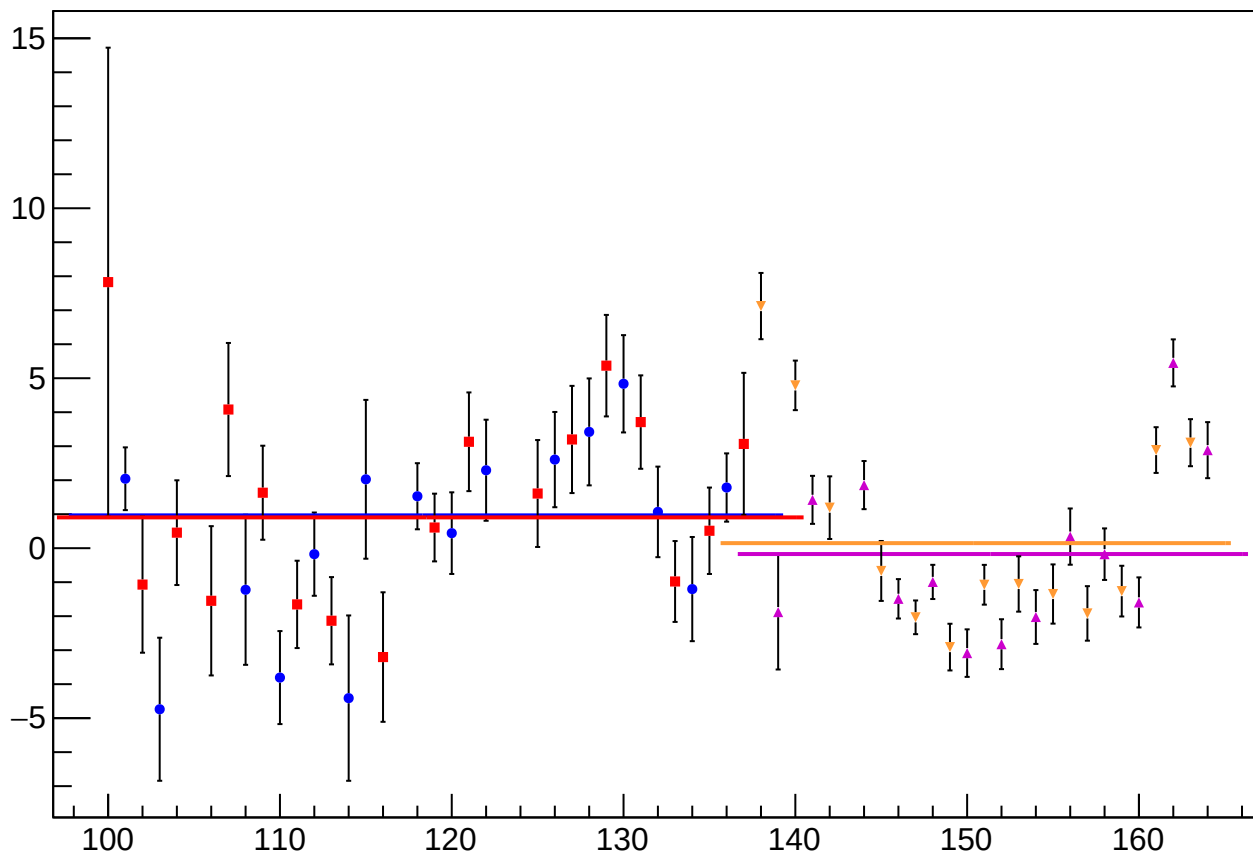
Left In: -6.227 $\pm$ 0.282 χ^2 /NDF: 382.3/12

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

All: -6.935 $\pm$ 0.202 χ^2 /NDF: 804.4/25

- sign 0.000 $\pm$ 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: 0.149 ± 0.200 χ^2/NDF : 187.7/12

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

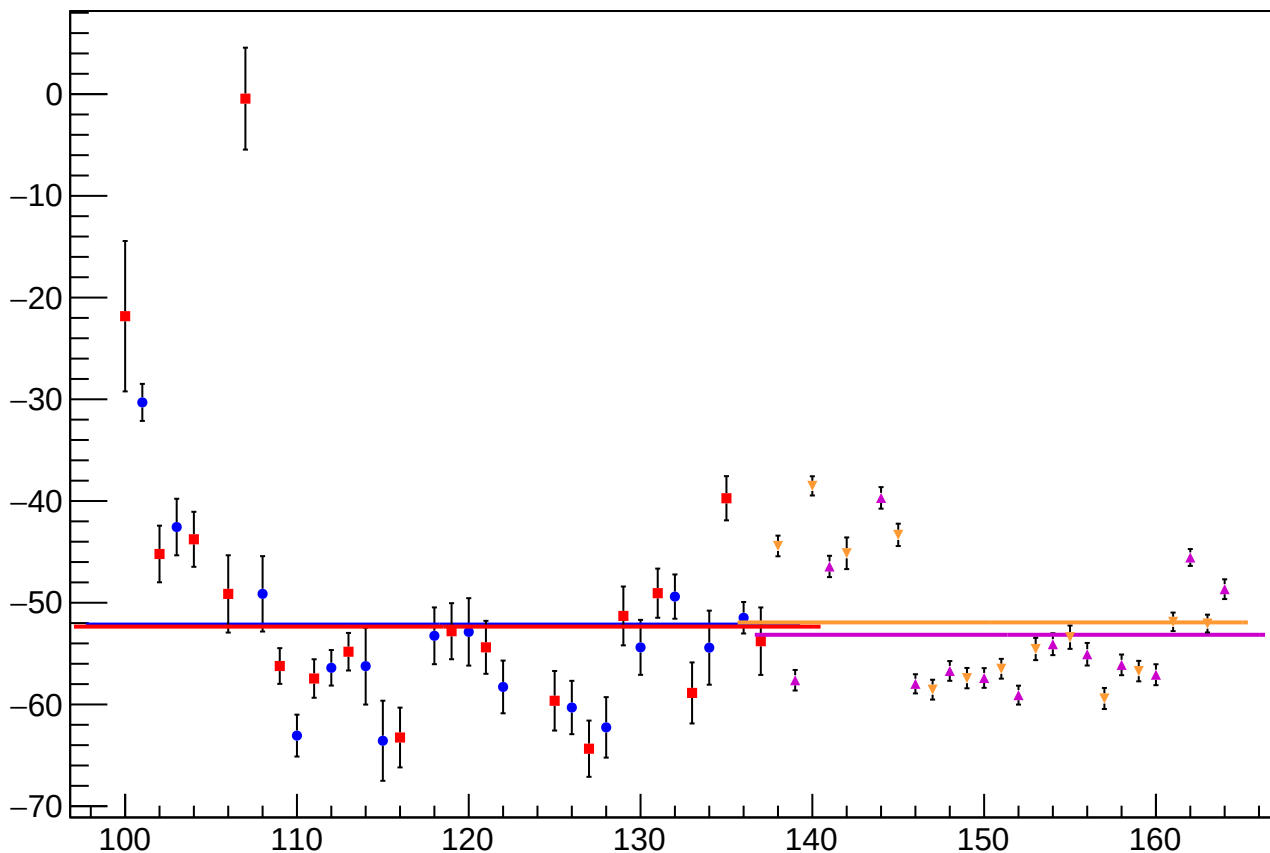
Left In: -0.172 ± 0.198 χ^2/NDF : 142.0/12

+ sign 0.360 ± 0.172 χ^2/NDF : 234.9/28

All: 0.224 ± 0.122 χ^2/NDF : 427.2/59

- sign 0.086 ± 0.173 χ^2/NDF : 191.0/30

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -51.935 ± 0.283 χ^2/NDF : 517.1/12

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

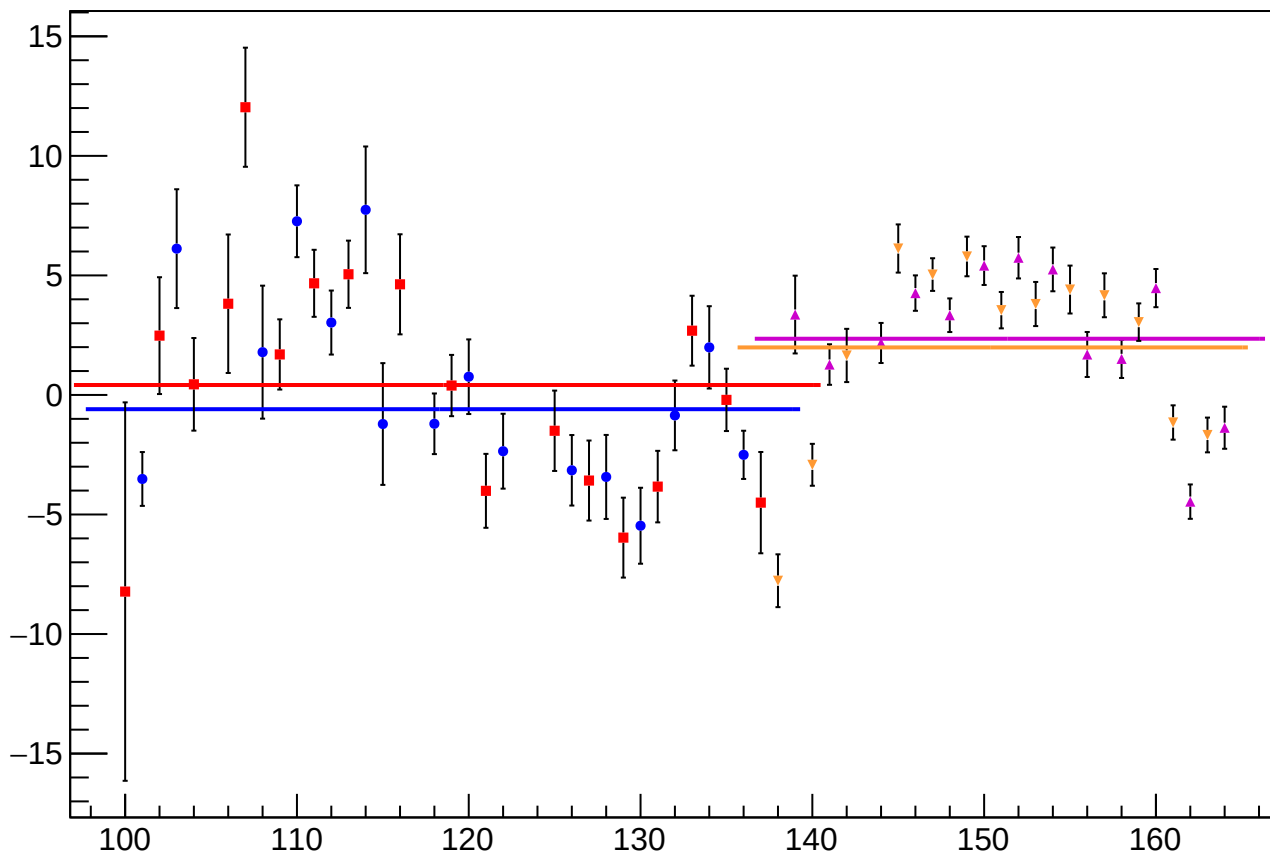
Left In: -53.151 ± 0.274 χ^2/NDF : 453.5/12

+ sign -51.972 ± 0.257 χ^2/NDF : 747.5/28

All: -52.508 ± 0.179 χ^2/NDF : 1446.6/59

- sign -53.017 ± 0.250 χ^2/NDF : 690.7/30

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 1.988 ± 0.235 χ^2/NDF : 233.2/12

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

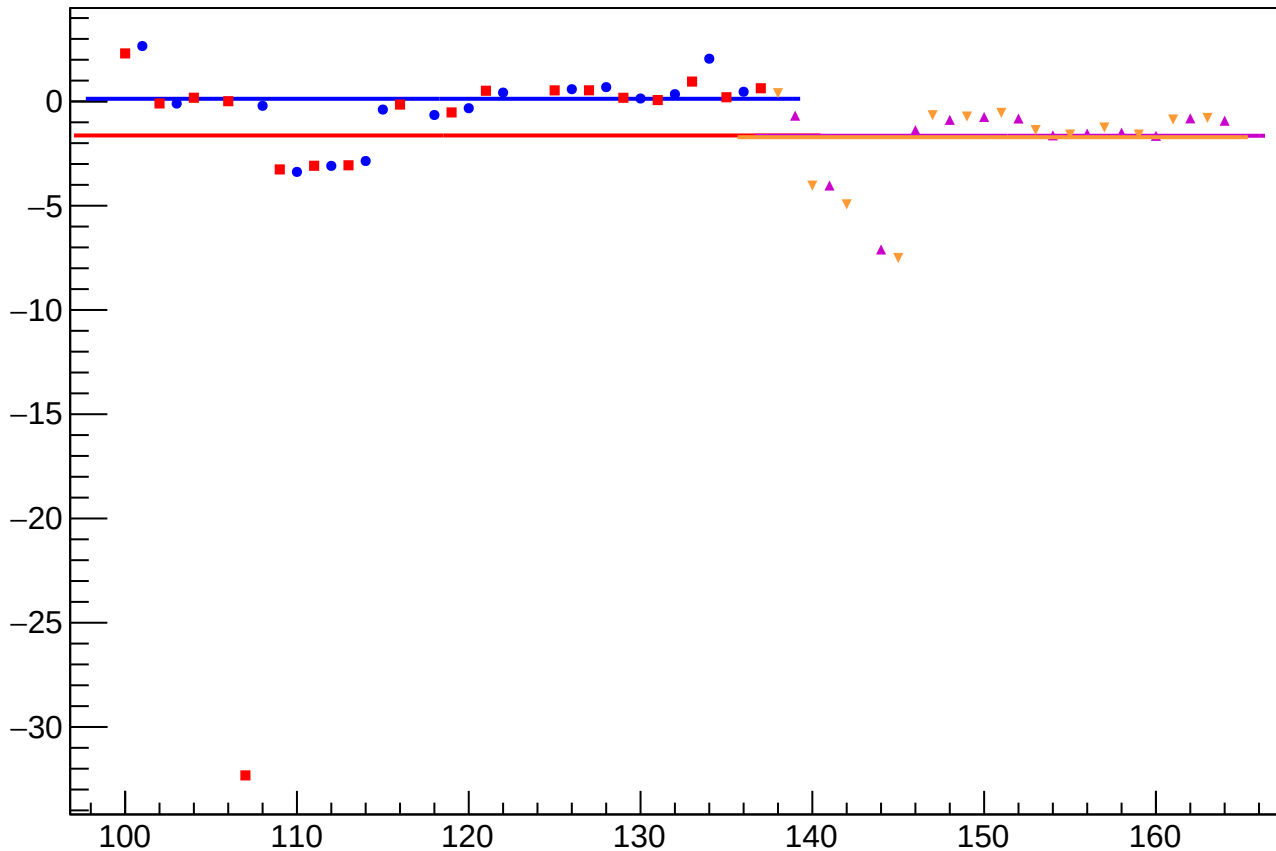
Left In: 2.351 ± 0.232 χ^2/NDF : 166.6/12

+ sign 1.282 ± 0.201 χ^2/NDF : 348.7/28

All: 1.572 ± 0.142 χ^2/NDF : 632.8/59

- sign 1.863 ± 0.201 χ^2/NDF : 279.9/30

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -1.715 ± 0.011 $\chi^2/\text{NDF}: 30098.3/12$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

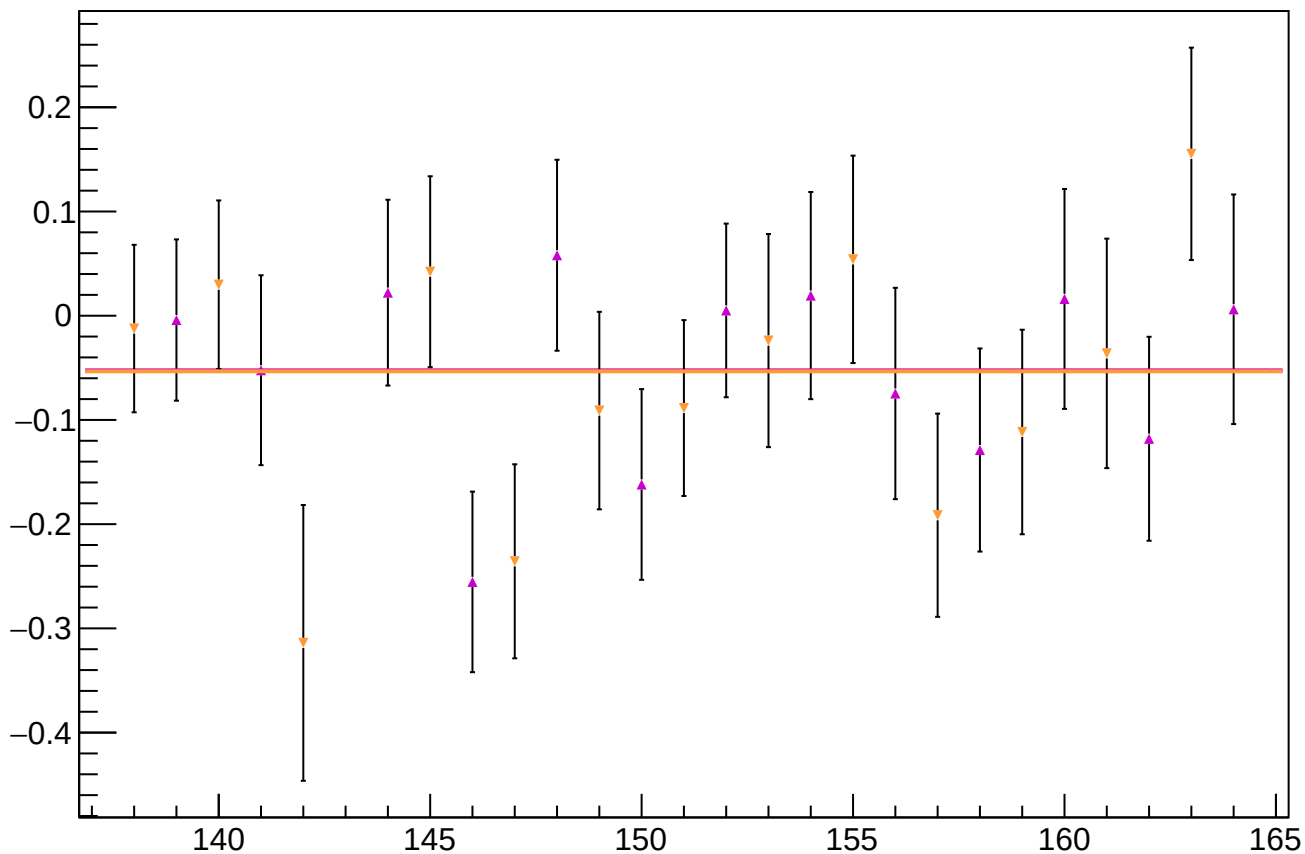
Left In: -1.645 ± 0.011 $\chi^2/\text{NDF}: 20107.9/12$

+ sign -1.329 ± 0.010 $\chi^2/\text{NDF}: 41161.9/28$

All: -1.489 ± 0.007 $\chi^2/\text{NDF}: 139667.0/59$

- sign -1.642 ± 0.010 $\chi^2/\text{NDF}: 97986.8/30$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.053 $\pm$ 0.026 χ^2 /NDF:18.3/12

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

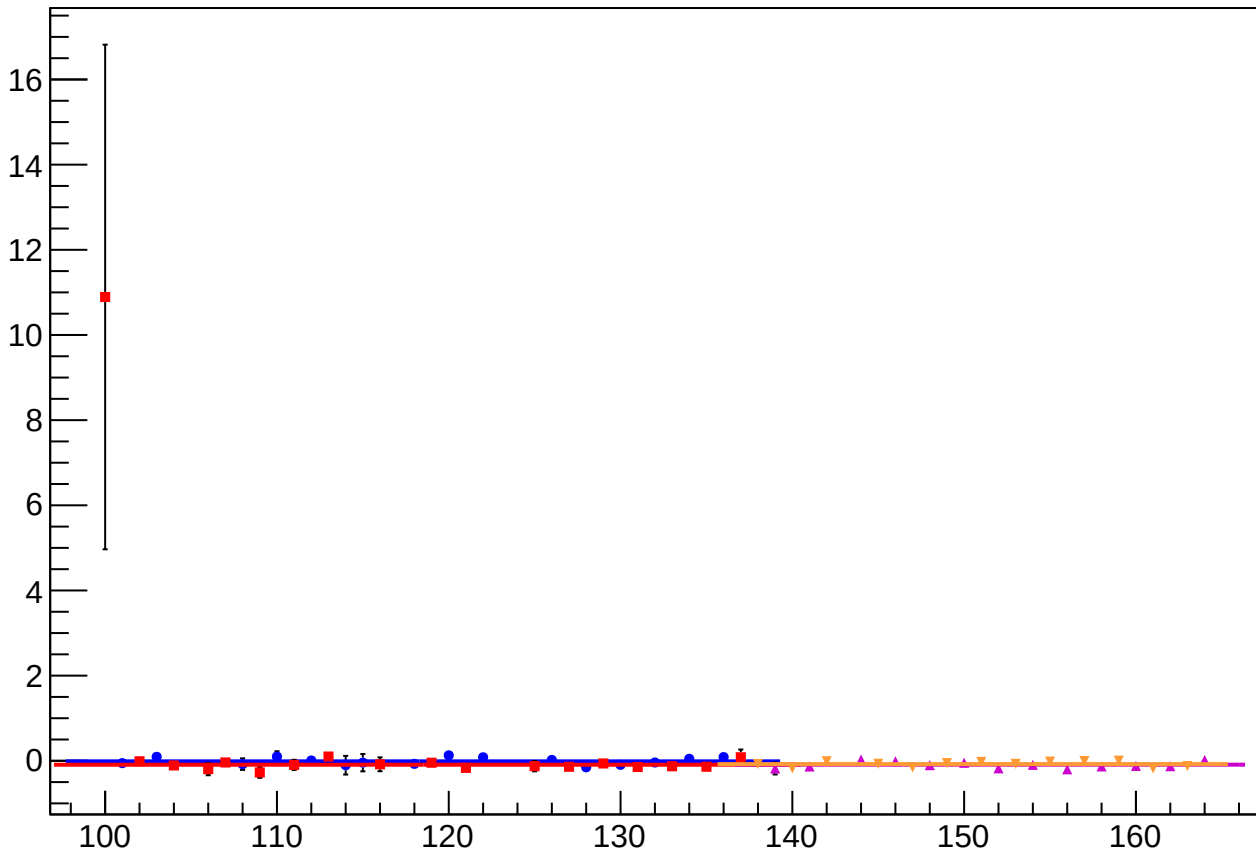
Left In: -0.052 $\pm$ 0.026 χ^2 /NDF:12.3/12

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

All: -0.053 $\pm$ 0.018 χ^2 /NDF: 30.6/25

- 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: -0.078 ± 0.018 χ^2/NDF : 12.4/12

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

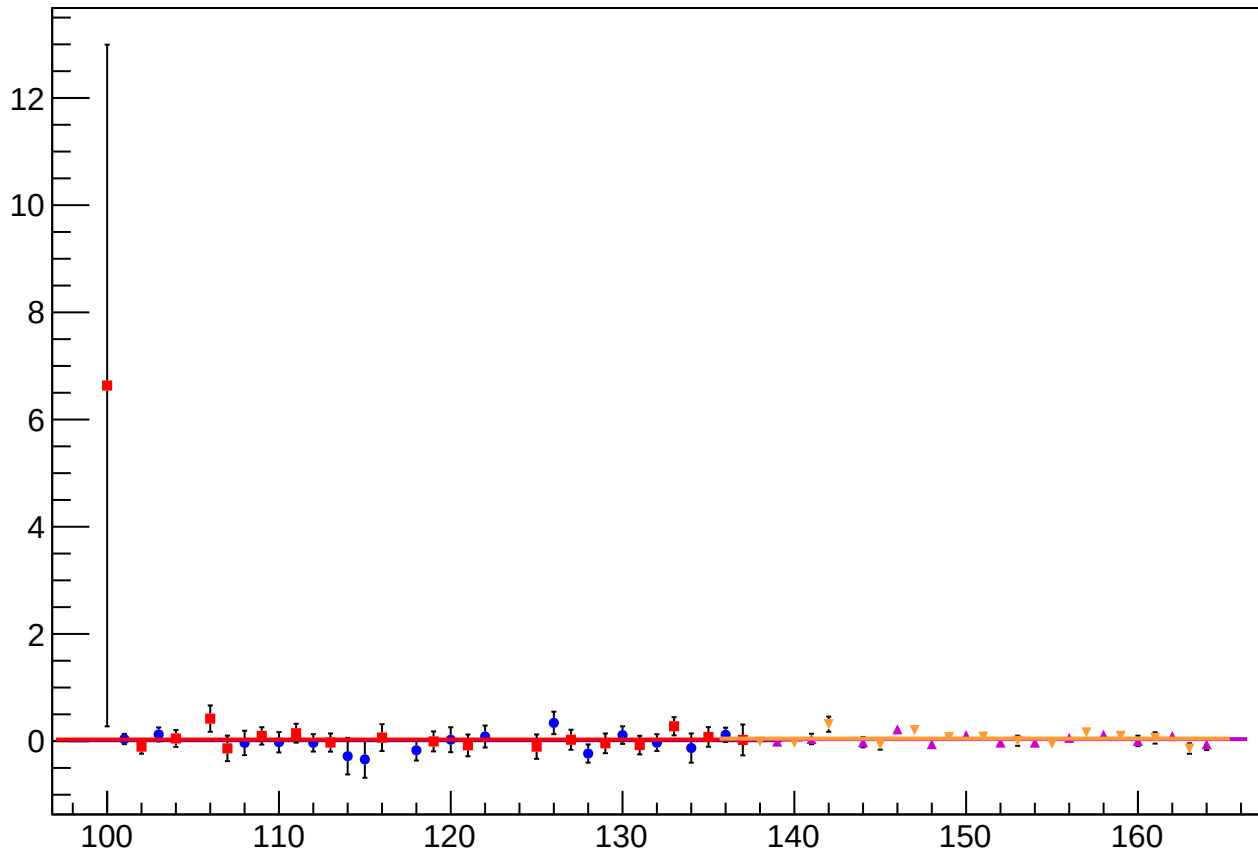
Left In: -0.091 ± 0.018 χ^2/NDF : 13.8/12

+ sign -0.053 ± 0.014 χ^2/NDF : 29.5/28

All: -0.072 ± 0.010 χ^2/NDF : 59.4/59

- sign -0.091 ± 0.015 χ^2/NDF : 26.4/30

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 $\pm$ 0.026 χ^2 /NDF:16.5/12

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

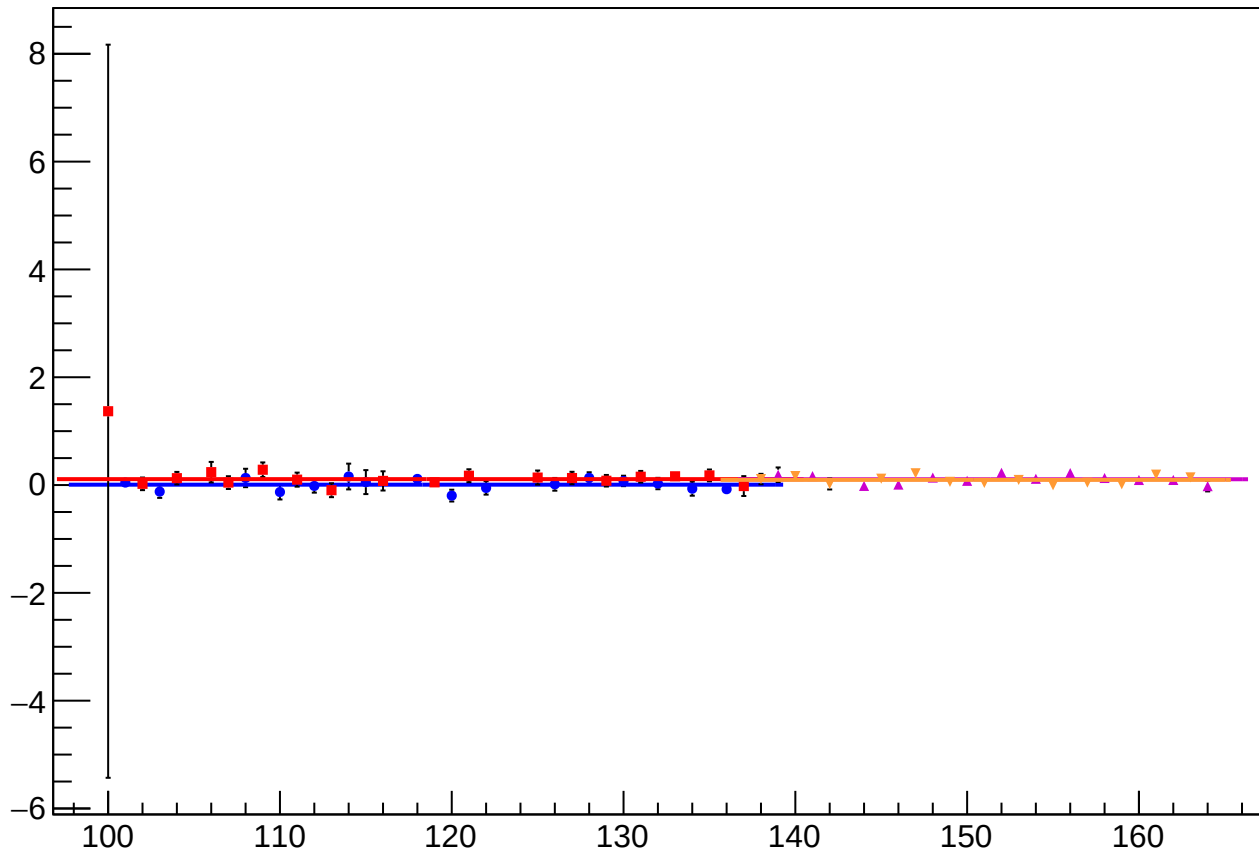
Left In: 0.038 $\pm$ 0.025 χ^2 /NDF:10.8/12

+ sign 0.039 $\pm$ 0.022 χ^2 /NDF: 26.5/28

All: 0.038 $\pm$ 0.016 χ^2 /NDF: 46.5/59

- sign 0.036 $\pm$ 0.022 χ^2 /NDF: 20.0/30

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.096 ± 0.022 χ^2/NDF : 11.5/12

Right Out: 0.110 ± 0.029 χ^2/NDF : 8.0/17

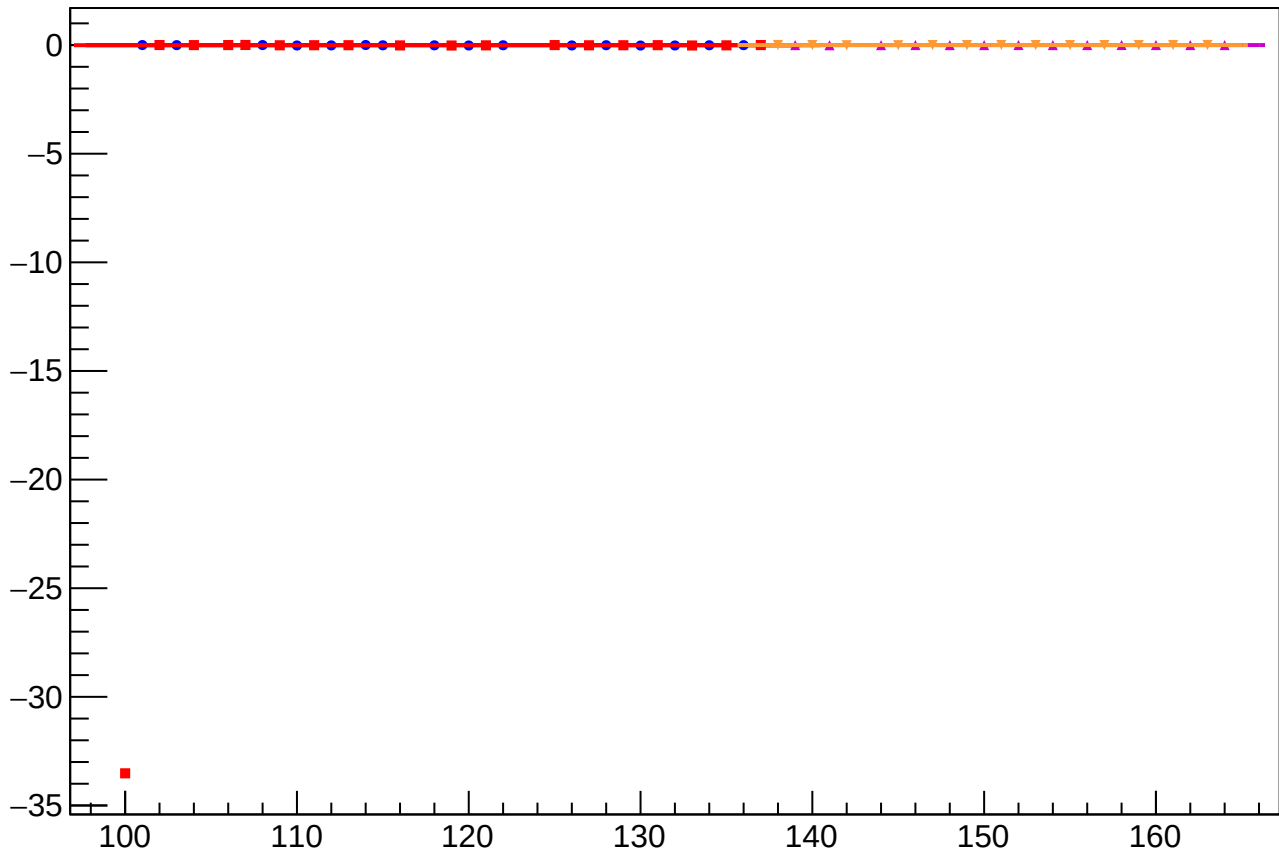
Left In: 0.108 ± 0.021 χ^2/NDF : 12.9/12

+ sign 0.061 ± 0.017 χ^2/NDF : 30.3/28

All: 0.085 ± 0.012 χ^2/NDF : 55.0/59

- sign 0.108 ± 0.017 χ^2/NDF : 20.9/30

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 : 8.4/12

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

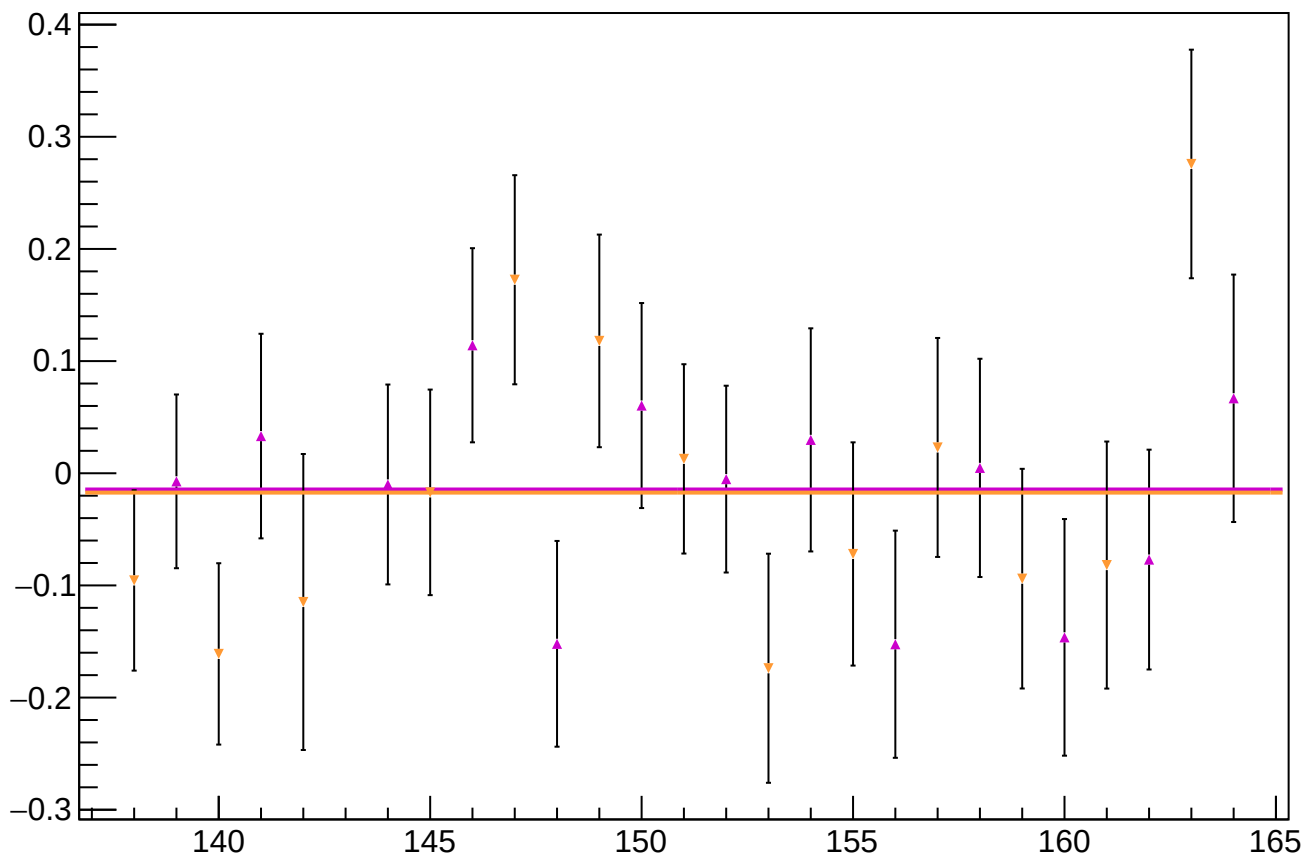
Left In: 0.000 ± 0.001 χ^2/NDF : 7.4/12

+ sign -0.001 ± 0.001 χ^2/NDF : 46.5/28

All: -0.001 ± 0.001 χ^2/NDF : 26575.3/59

- sign -0.002 ± 0.001 χ^2/NDF : 26528.2/30

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.017 $\pm$ 0.026 χ^2 /NDF:23.0/12

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

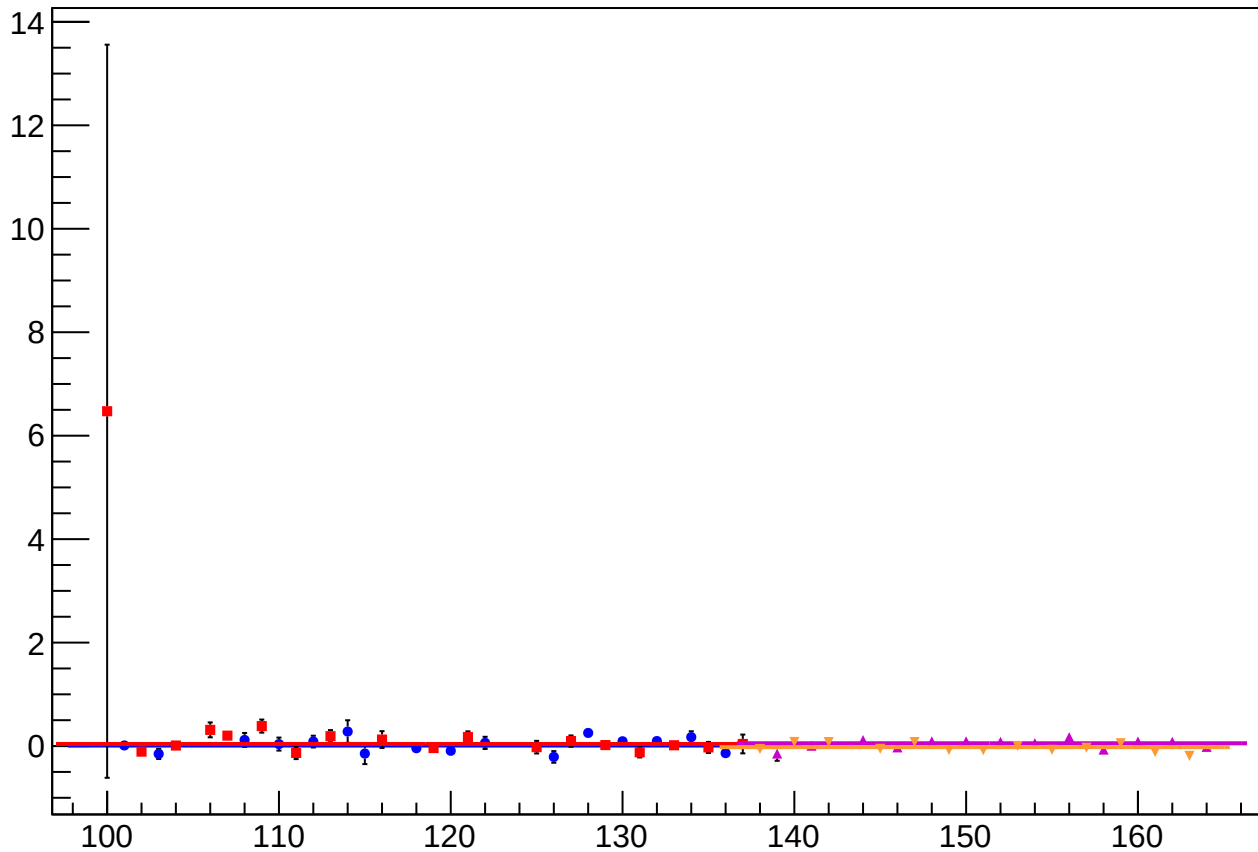
Left In: -0.014 $\pm$ 0.026 χ^2 /NDF:10.0/12

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

All: -0.016 $\pm$ 0.018 χ^2 /NDF: 33.1/25

- 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 $\pm$ 0.023 χ^2 /NDF: 25.4/15

Left Out: -0.021 $\pm$ 0.018 χ^2 /NDF:19.4/12

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 27.9/17

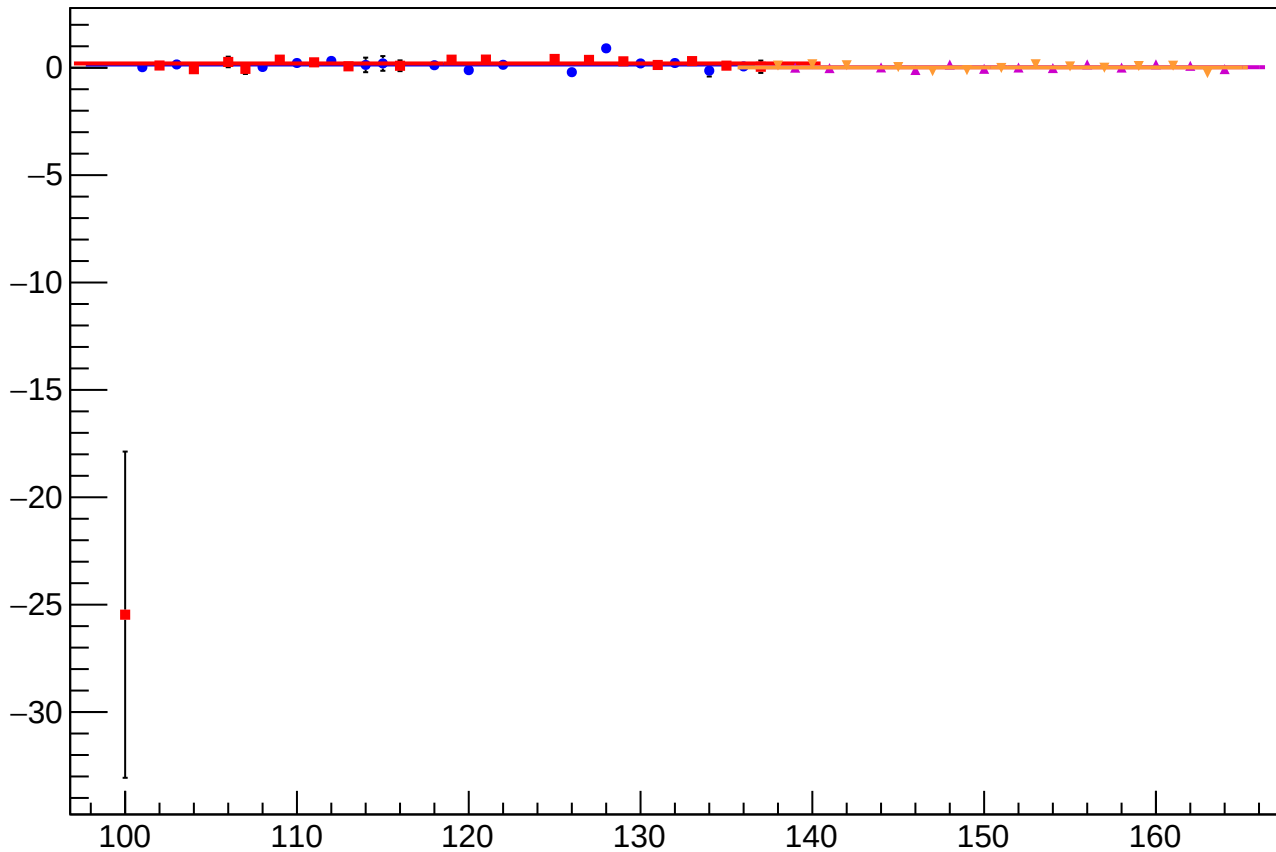
Left In: 0.054 $\pm$ 0.018 χ^2 /NDF:14.2/12

+ sign -0.009 $\pm$ 0.014 χ^2 /NDF: 45.9/28

All: 0.020 $\pm$ 0.010 χ^2 /NDF: 96.4/59

- sign 0.049 $\pm$ 0.015 χ^2 /NDF: 42.3/30

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 28.7/15

Left Out: 0.016 $\pm$ 0.026 χ^2 /NDF: 21.6/12

Right Out: 0.200 $\pm$ 0.045 χ^2 /NDF: 22.9/17

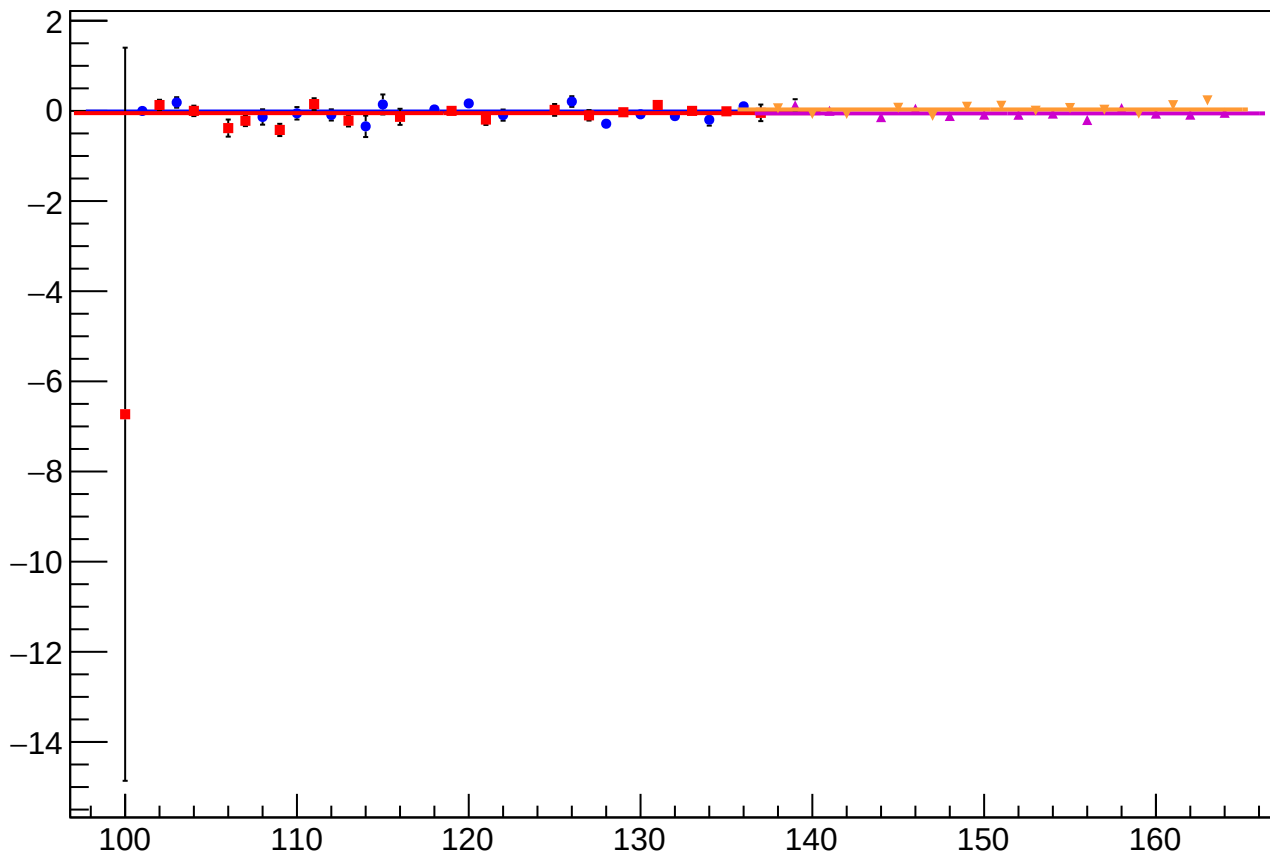
Left In: 0.026 $\pm$ 0.025 χ^2 /NDF: 10.6/12

+ sign 0.052 $\pm$ 0.022 χ^2 /NDF: 57.7/28

All: 0.060 $\pm$ 0.016 χ^2 /NDF: 102.9/59

- sign 0.067 $\pm$ 0.022 χ^2 /NDF: 45.0/30

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.032 ± 0.022 χ^2/NDF : 20.0/12

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

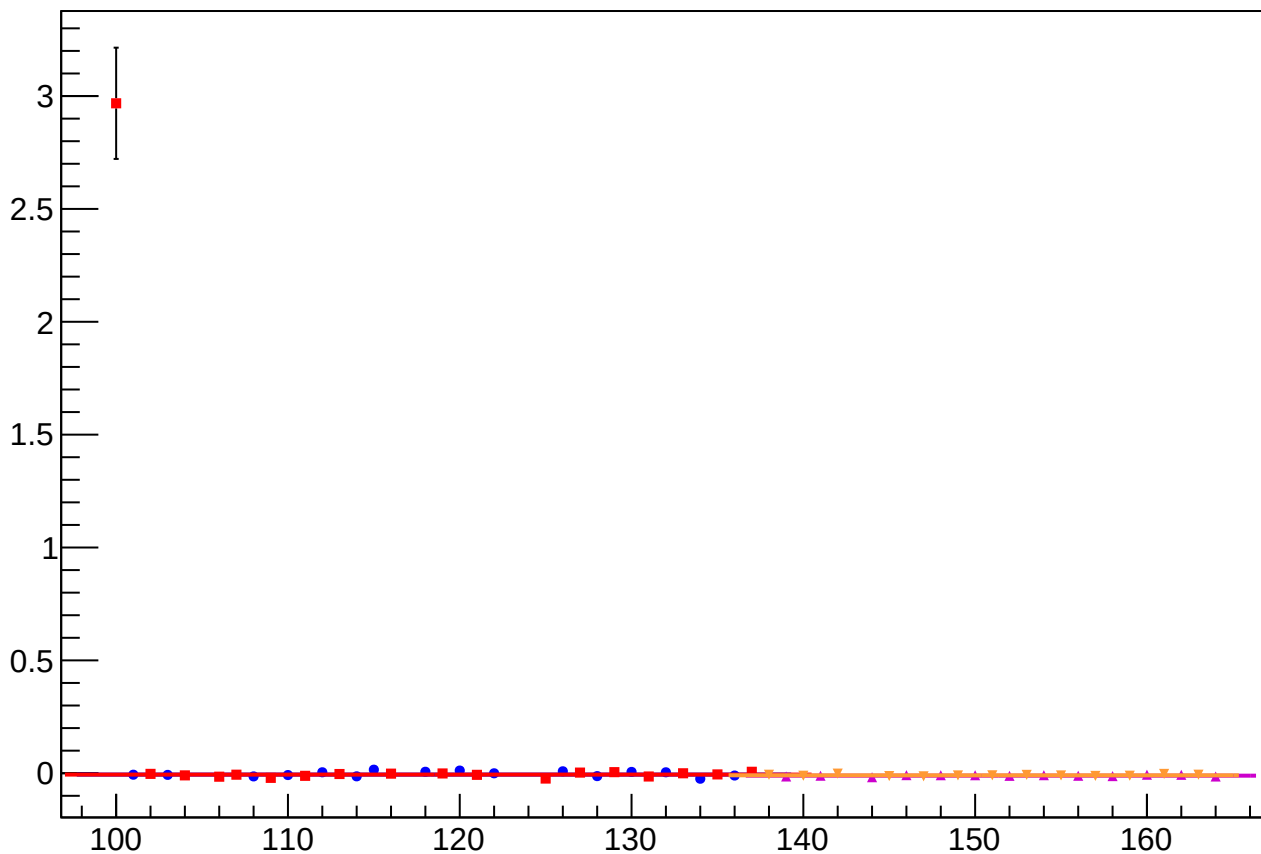
Left In: -0.055 ± 0.021 χ^2/NDF : 13.4/12

+ sign 0.014 ± 0.017 χ^2/NDF : 46.9/28

All: -0.019 ± 0.012 χ^2/NDF : 94.1/59

- sign -0.053 ± 0.017 χ^2/NDF : 39.2/30

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 : 9.1/12

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

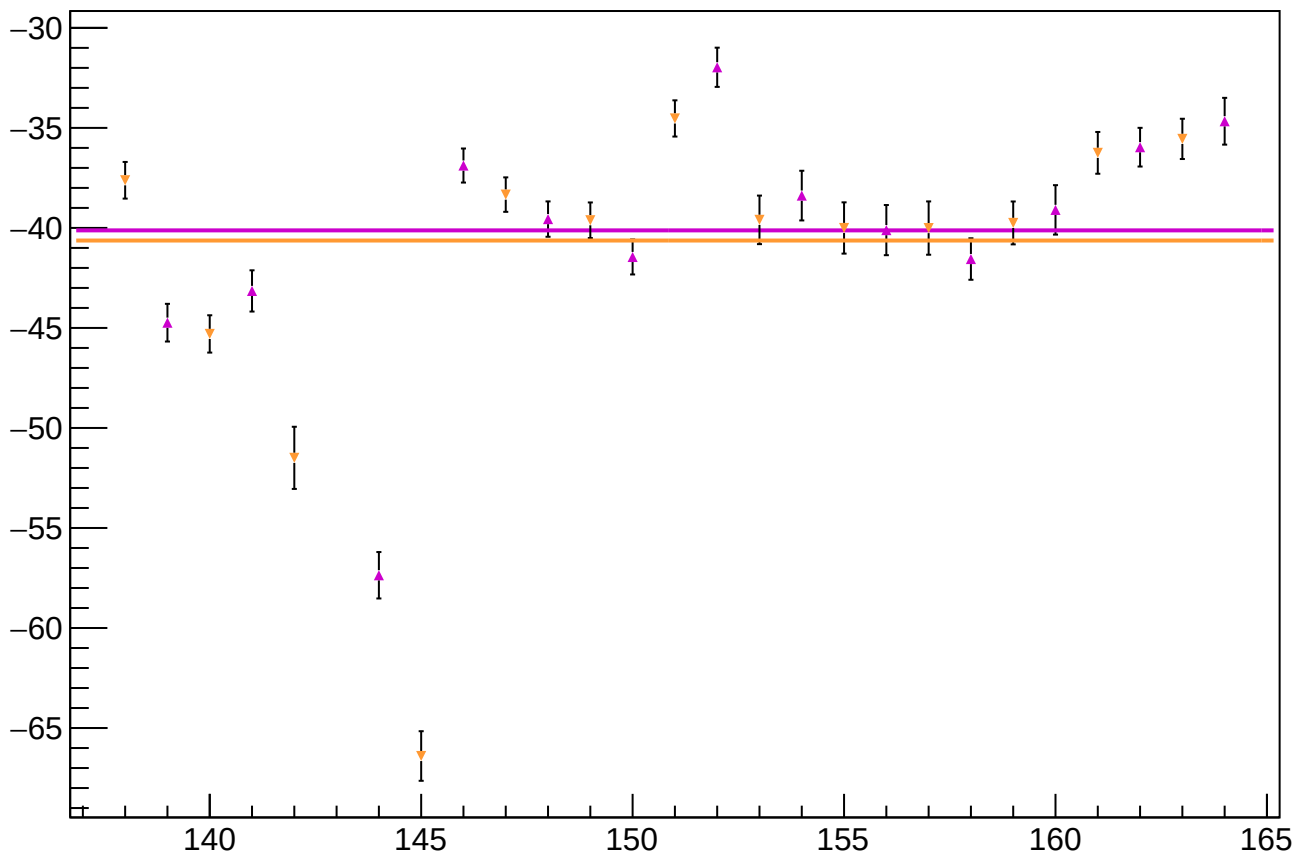
Left In: -0.011 ± 0.001 χ^2/NDF : 9.1/12

+ sign -0.008 ± 0.001 χ^2/NDF : 41.3/28

All: -0.009 ± 0.001 χ^2/NDF : 224.6/59

- sign -0.009 ± 0.001 χ^2/NDF : 182.3/30

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -40.630+/-0.290 χ^2/NDF : 615.7/12

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

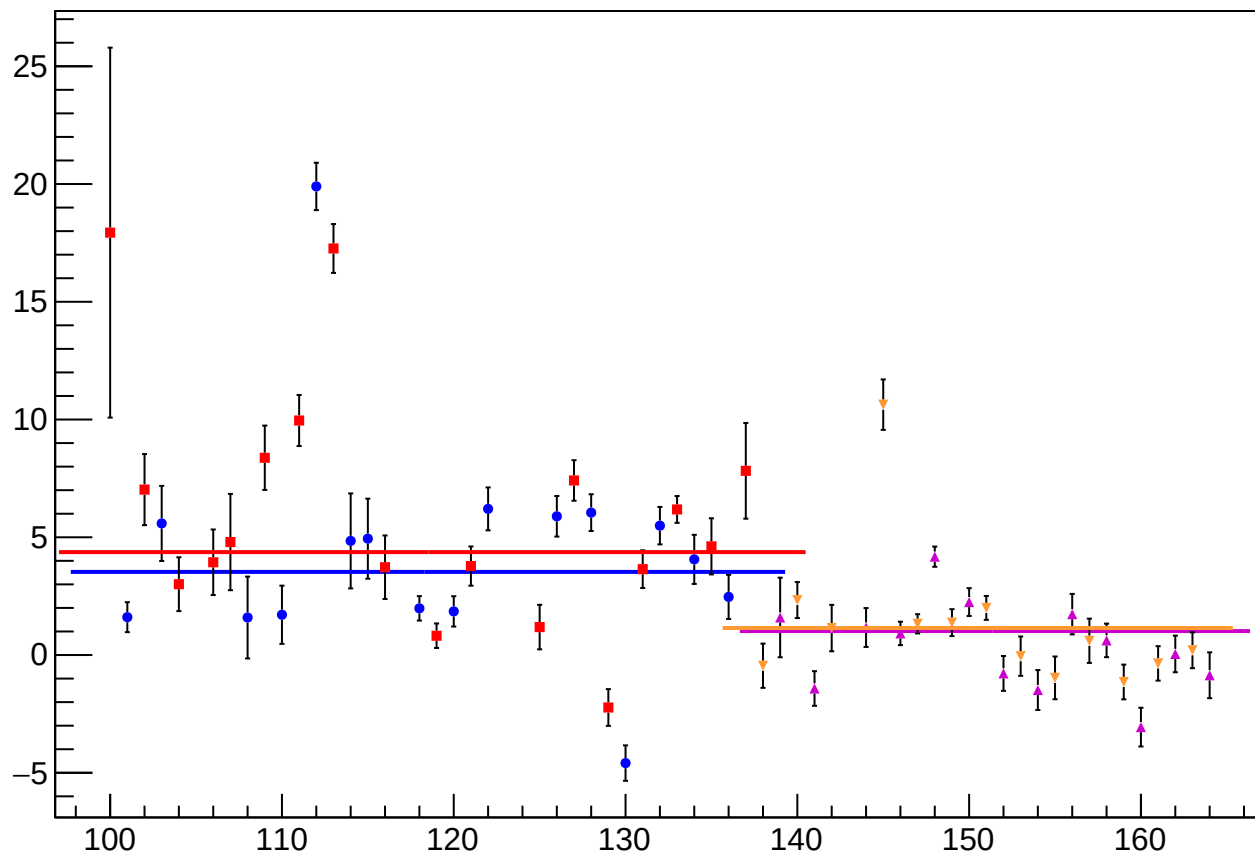
Left In: -40.123+/-0.283 χ^2/NDF : 384.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.370+/-0.203 χ^2/NDF : 1001.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 χ^2/NDF : 446.6/15

Left Out: 1.148 ± 0.193 χ^2/NDF : 110.1/12

Right Out: 4.370 ± 0.225 χ^2/NDF : 353.8/17

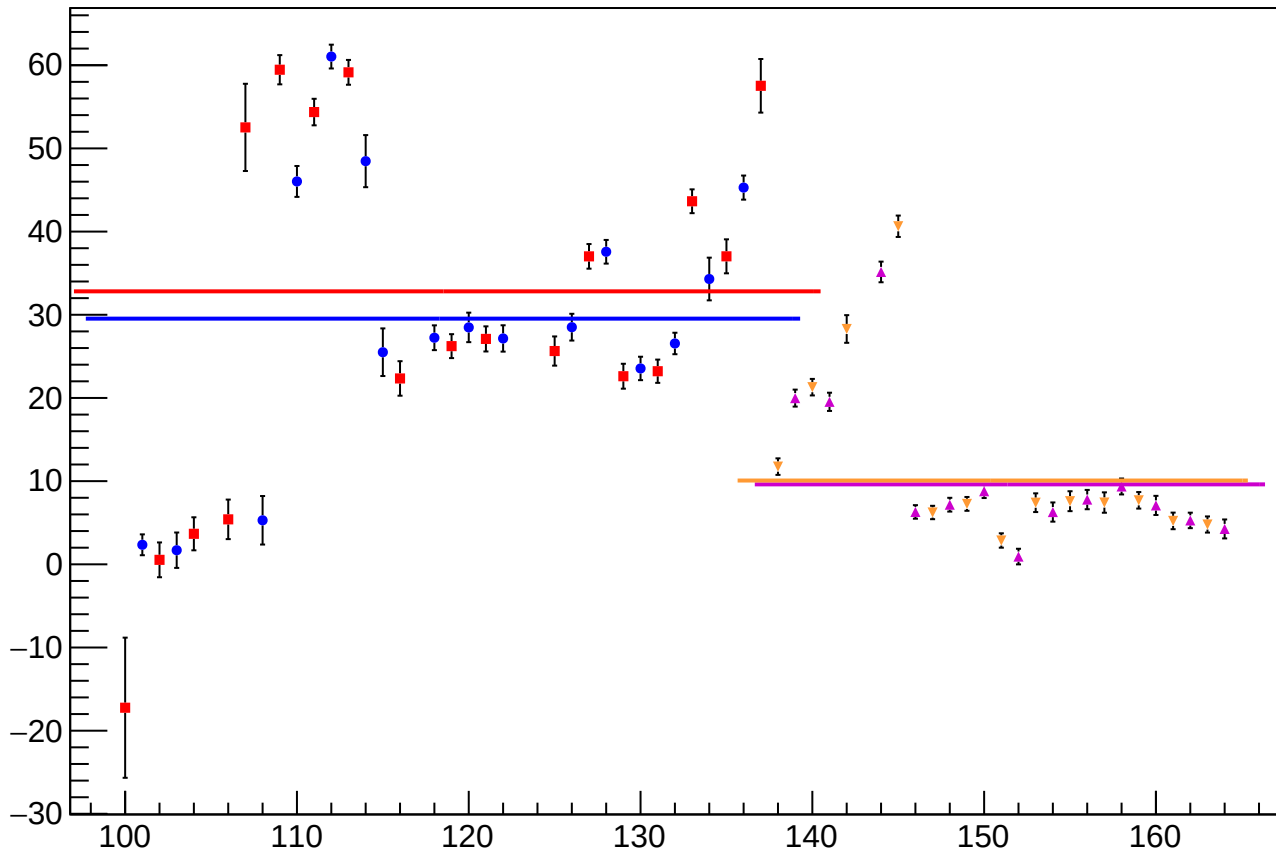
Left In: 1.018 ± 0.193 χ^2/NDF : 115.3/12

+ sign 2.197 ± 0.144 χ^2/NDF : 623.9/28

All: 2.316 ± 0.103 χ^2/NDF : 1221.8/59

- sign 2.439 ± 0.147 χ^2/NDF : 596.5/30

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 ± 0.417 χ^2/NDF : 1494.9/15

Left Out: 10.074 ± 0.282 χ^2/NDF : 992.4/12

Right Out: 32.816 ± 0.423 χ^2/NDF : 1659.3/17

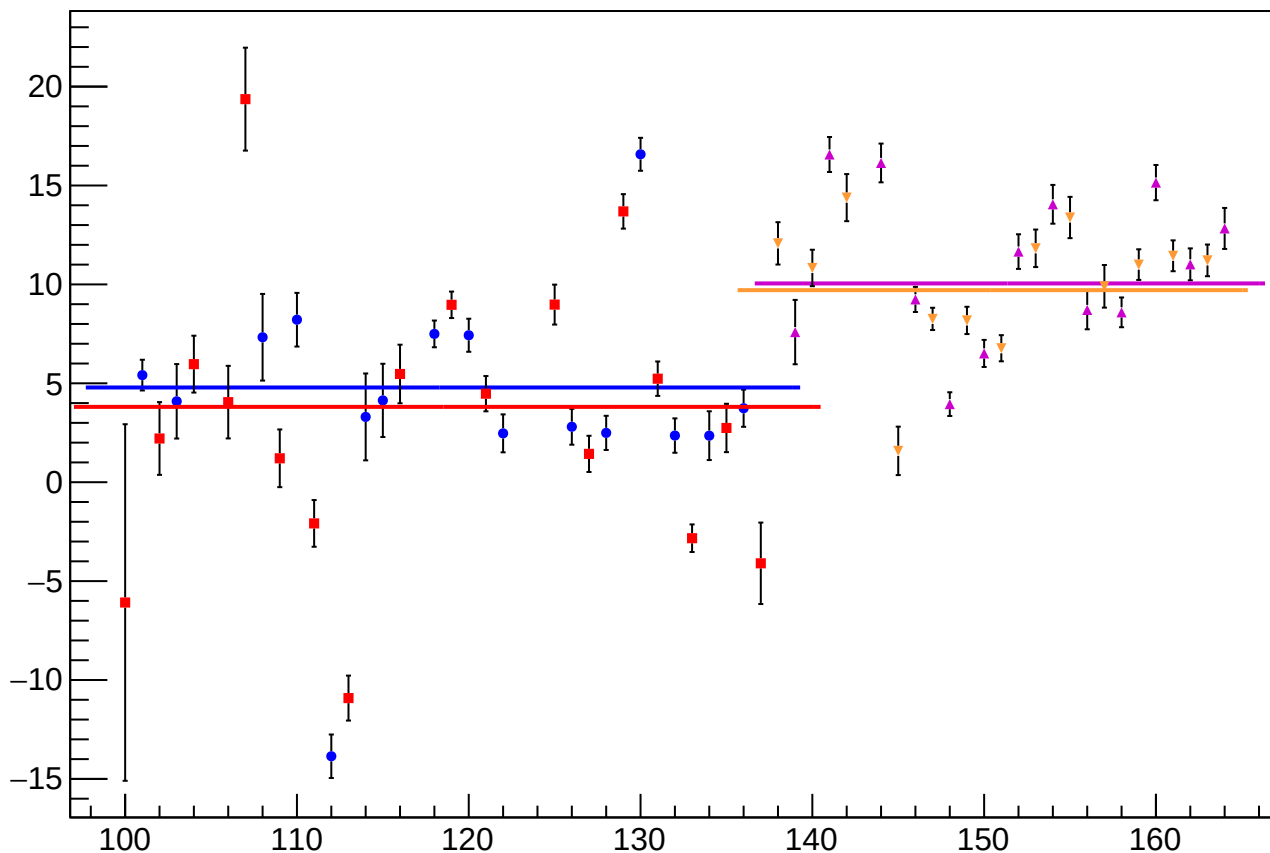
Left In: 9.612 ± 0.274 χ^2/NDF : 780.0/12

+ sign 16.194 ± 0.234 χ^2/NDF : 3982.1/28

All: 16.340 ± 0.164 χ^2/NDF : 8542.0/59

- sign 16.481 ± 0.230 χ^2/NDF : 4559.2/30

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 $\chi^2/\text{NDF}: 553.9/15$

Left Out: 9.709 ± 0.231 $\chi^2/\text{NDF}: 125.8/12$

Right Out: 3.809 ± 0.259 $\chi^2/\text{NDF}: 567.6/17$

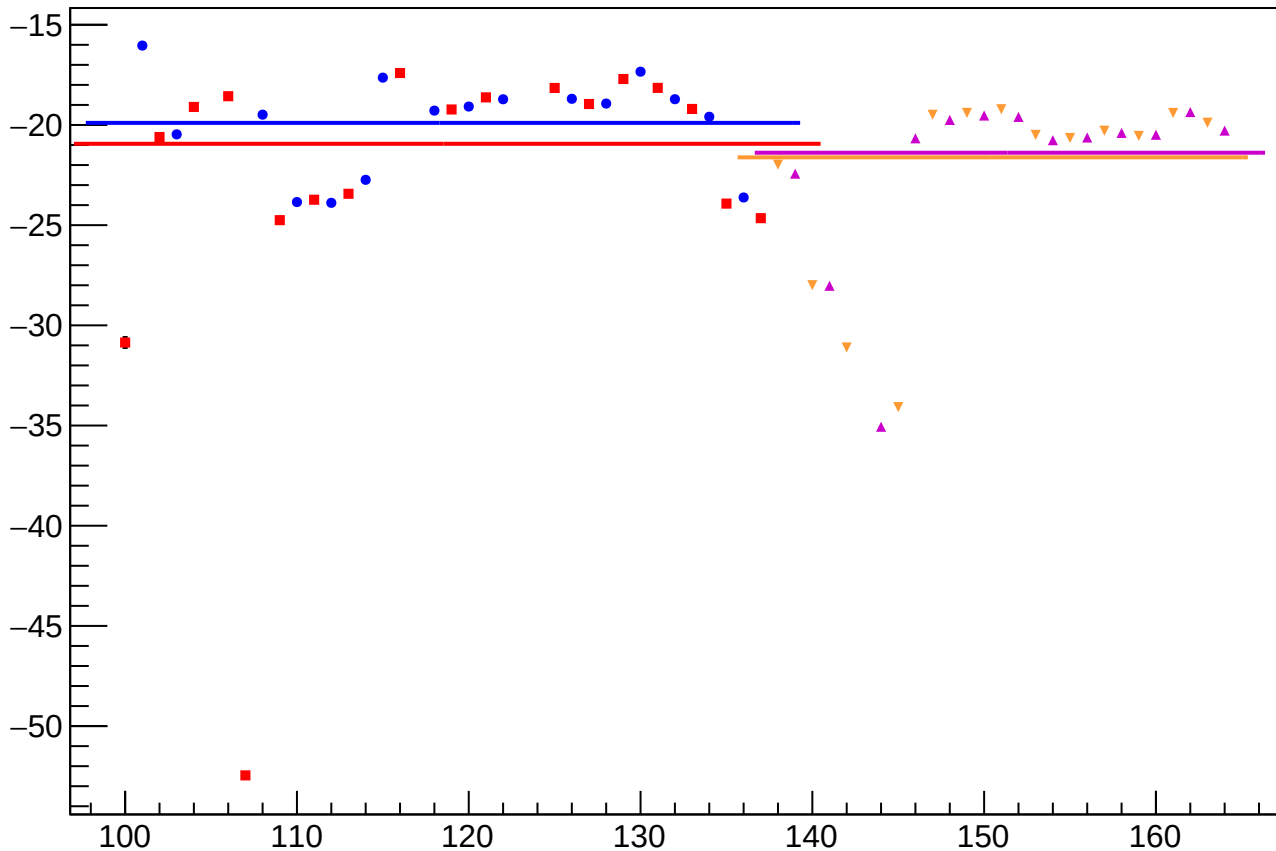
Left In: 10.049 ± 0.230 $\chi^2/\text{NDF}: 294.1/12$

+ sign 7.454 ± 0.170 $\chi^2/\text{NDF}: 887.5/28$

All: 7.378 ± 0.121 $\chi^2/\text{NDF}: 2074.8/59$

- sign 7.301 ± 0.172 $\chi^2/\text{NDF}: 1186.9/30$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -21.616 ± 0.011 χ^2/NDF : 121704.0/12

Right Out: -20.938 ± 0.016 χ^2/NDF : 94065.2/17

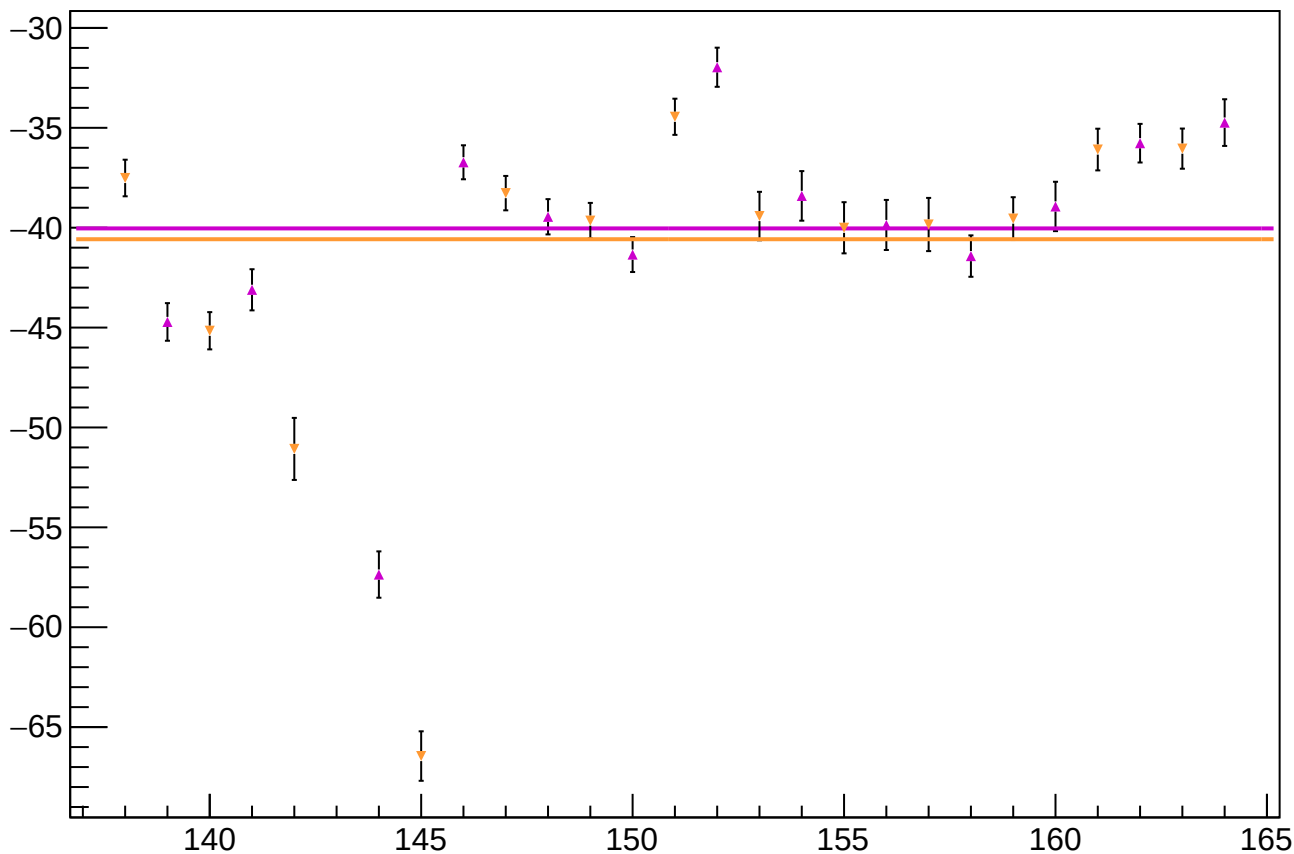
Left In: -21.385 ± 0.011 χ^2/NDF : 99461.4/12

+ sign -21.028 ± 0.009 χ^2/NDF : 155822.3/28

All: -21.137 ± 0.006 χ^2/NDF : 350177.3/59

- sign -21.241 ± 0.009 χ^2/NDF : 194074.9/30

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -40.577+/-0.290 χ^2/NDF : 612.6/12

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

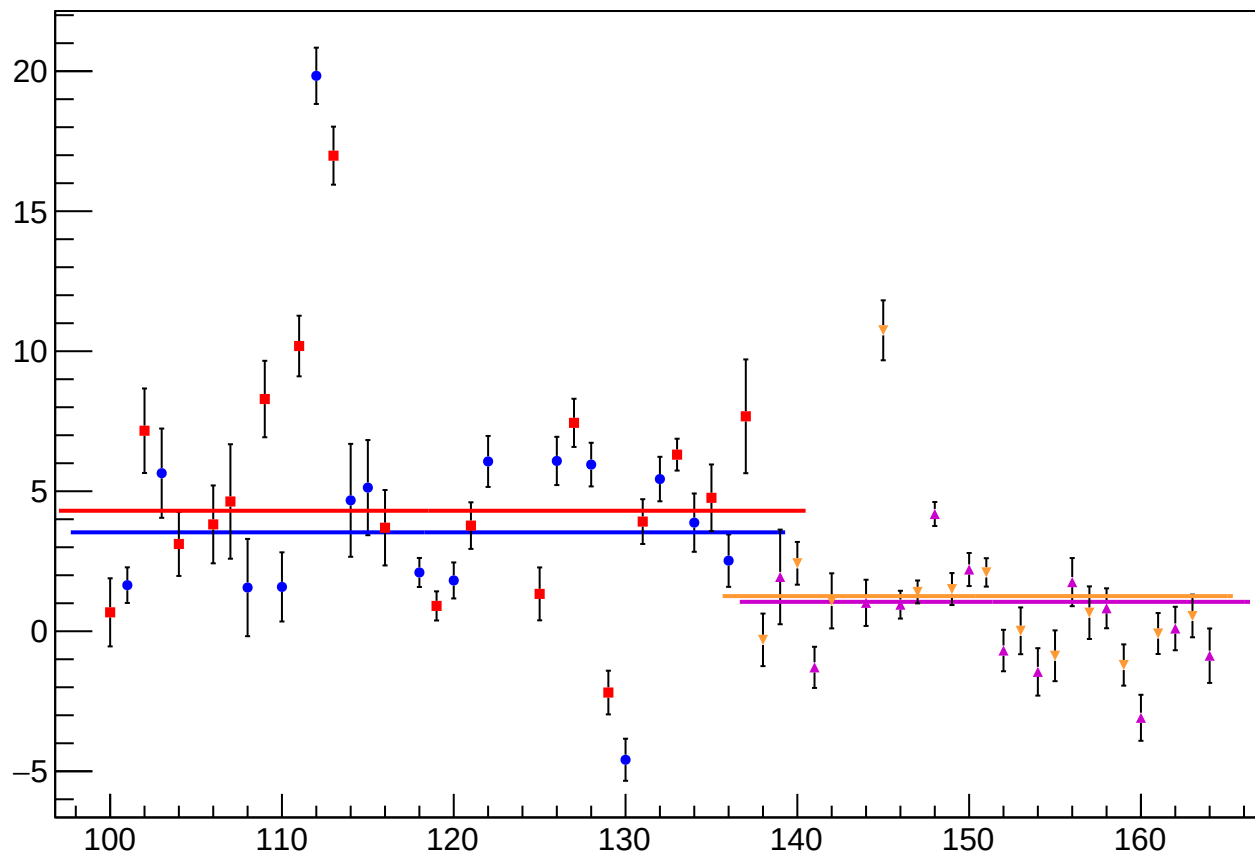
Left In: -40.036+/-0.283 χ^2/NDF : 386.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.300+/-0.203 χ^2/NDF : 1001.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.255 ± 0.193 $\chi^2/\text{NDF}: 110.4/12$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

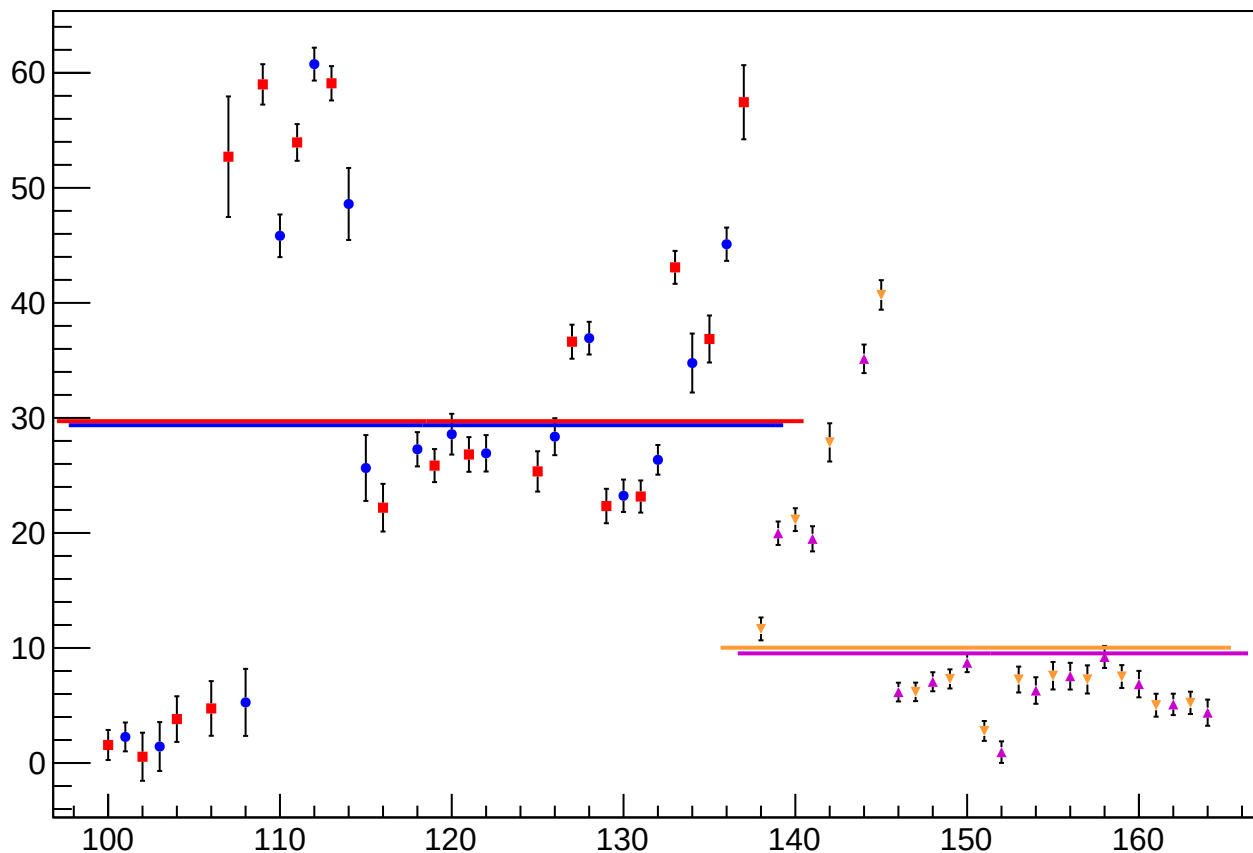
Left In: 1.050 ± 0.193 $\chi^2/\text{NDF}: 113.6/12$

+ sign 2.258 ± 0.144 $\chi^2/\text{NDF}: 615.1/28$

All: 2.356 ± 0.102 $\chi^2/\text{NDF}: 1204.9/59$

- sign 2.456 ± 0.146 $\chi^2/\text{NDF}: 588.9/30$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 10.026 $\pm$ 0.282 χ^2 /NDF: 987.7/12

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

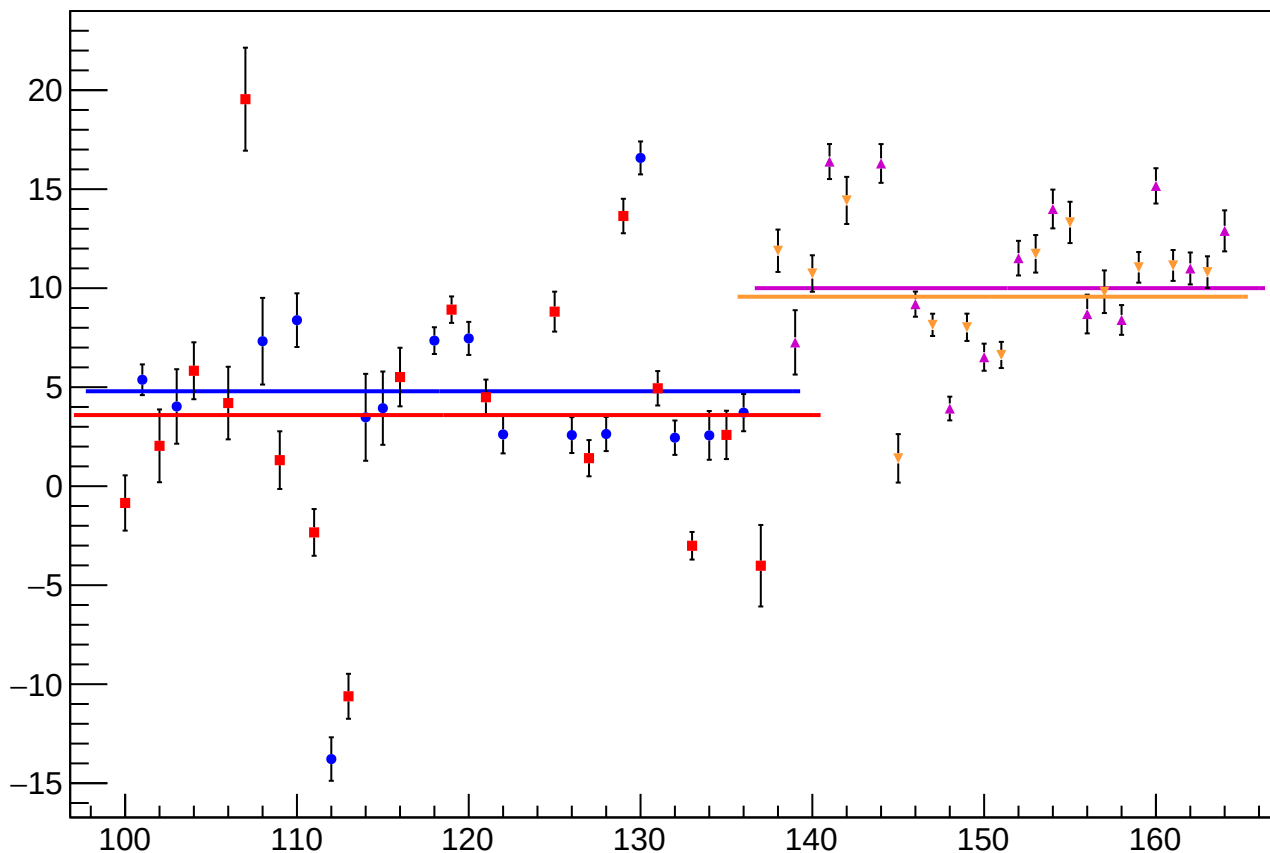
Left In: 9.530 $\pm$ 0.274 χ^2 /NDF: 784.1/12

+ sign 16.109 $\pm$ 0.234 χ^2 /NDF: 3954.7/28

All: 16.015 $\pm$ 0.163 χ^2 /NDF: 8587.9/59

- sign 15.926 $\pm$ 0.227 χ^2 /NDF: 4632.9/30

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 9.569 ± 0.231 $\chi^2/\text{NDF}: 127.1/12$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

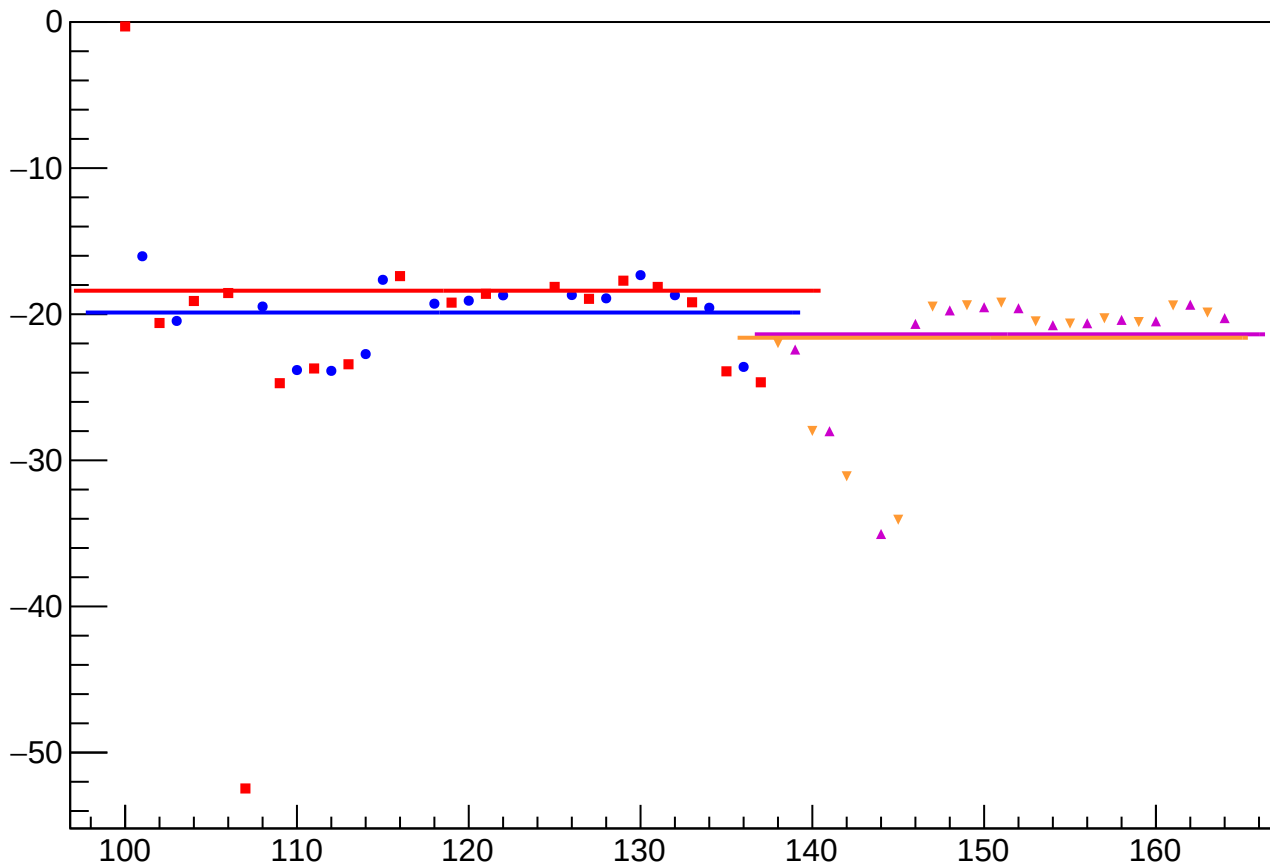
Left In: 10.002 ± 0.230 $\chi^2/\text{NDF}: 296.0/12$

+ sign 7.380 ± 0.170 $\chi^2/\text{NDF}: 873.0/28$

All: 7.254 ± 0.120 $\chi^2/\text{NDF}: 2093.4/59$

- sign 7.126 ± 0.170 $\chi^2/\text{NDF}: 1219.3/30$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -21.609 ± 0.011 $\chi^2/\text{NDF}: 121741.6/12$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

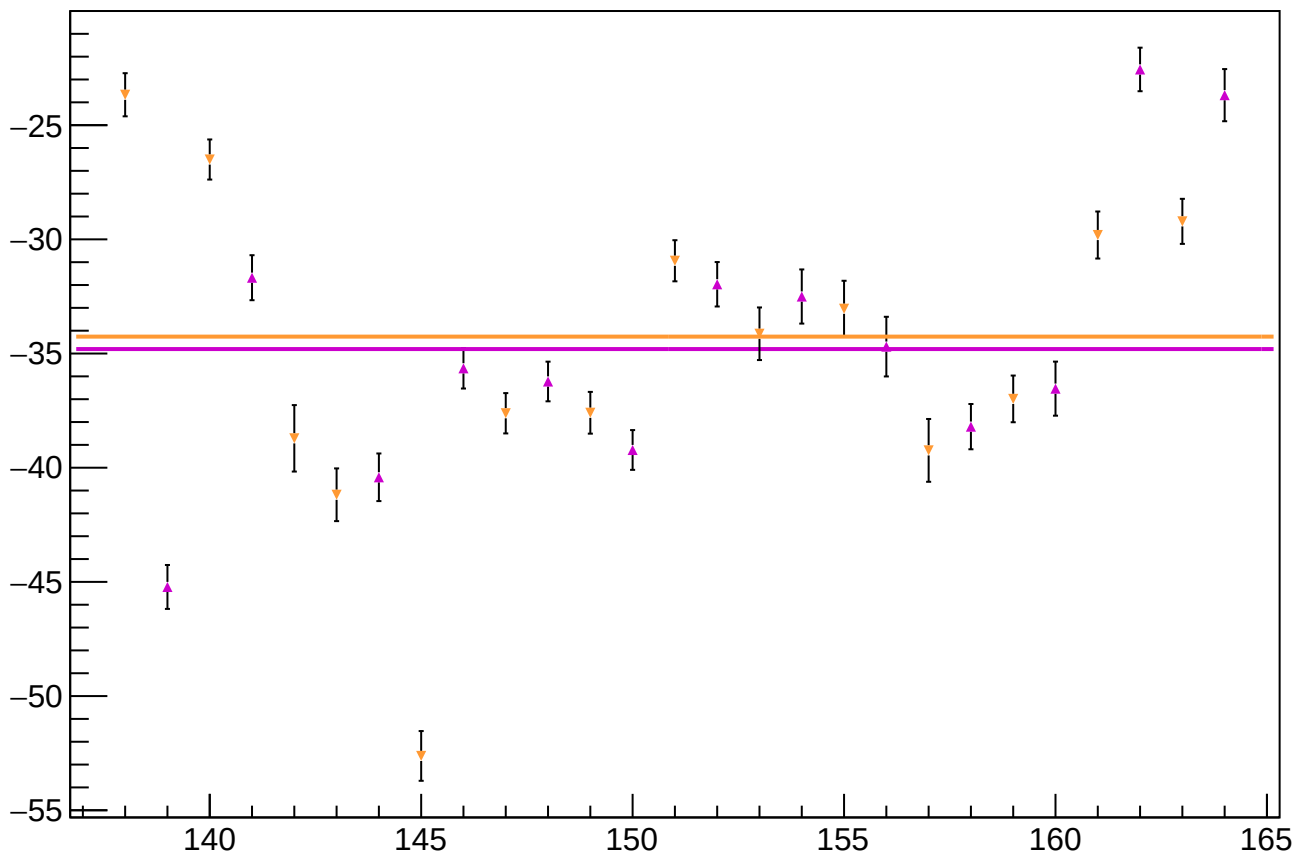
Left In: -21.375 ± 0.011 $\chi^2/\text{NDF}: 99397.4/12$

+ sign -21.019 ± 0.009 $\chi^2/\text{NDF}: 155905.4/28$

All: -20.660 ± 0.006 $\chi^2/\text{NDF}: 586206.5/59$

- sign -20.329 ± 0.009 $\chi^2/\text{NDF}: 427302.3/30$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.259 $\pm$ 0.277 χ^2 /NDF: 640.8/13

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

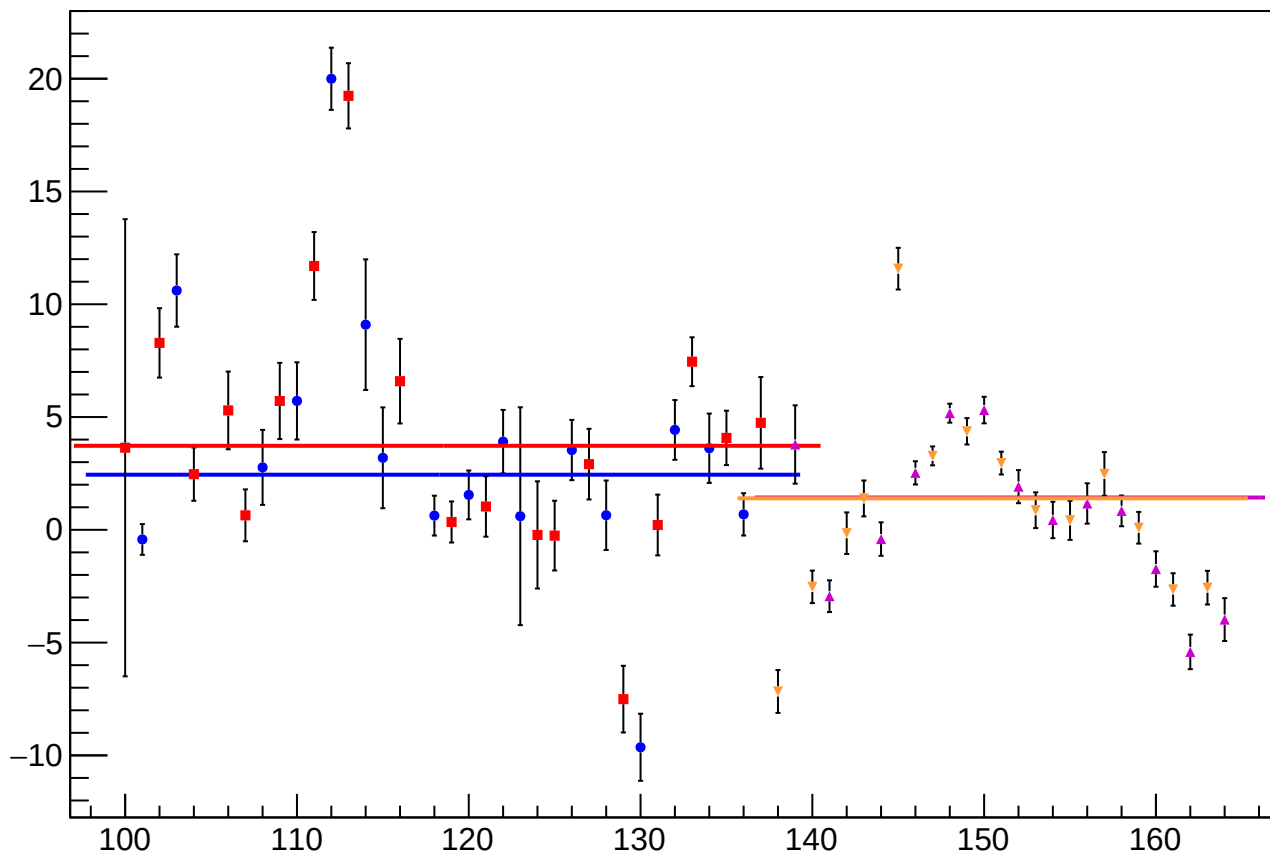
Left In: -34.804 $\pm$ 0.278 χ^2 /NDF: 471.6/12

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

All: -34.530 $\pm$ 0.196 χ^2 /NDF: 1114.3/26

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

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 ± 0.311 $\chi^2/\text{NDF}: 295.3/16$

Left Out: 1.397 ± 0.185 $\chi^2/\text{NDF}: 356.5/13$

Right Out: 3.726 ± 0.327 $\chi^2/\text{NDF}: 269.1/18$

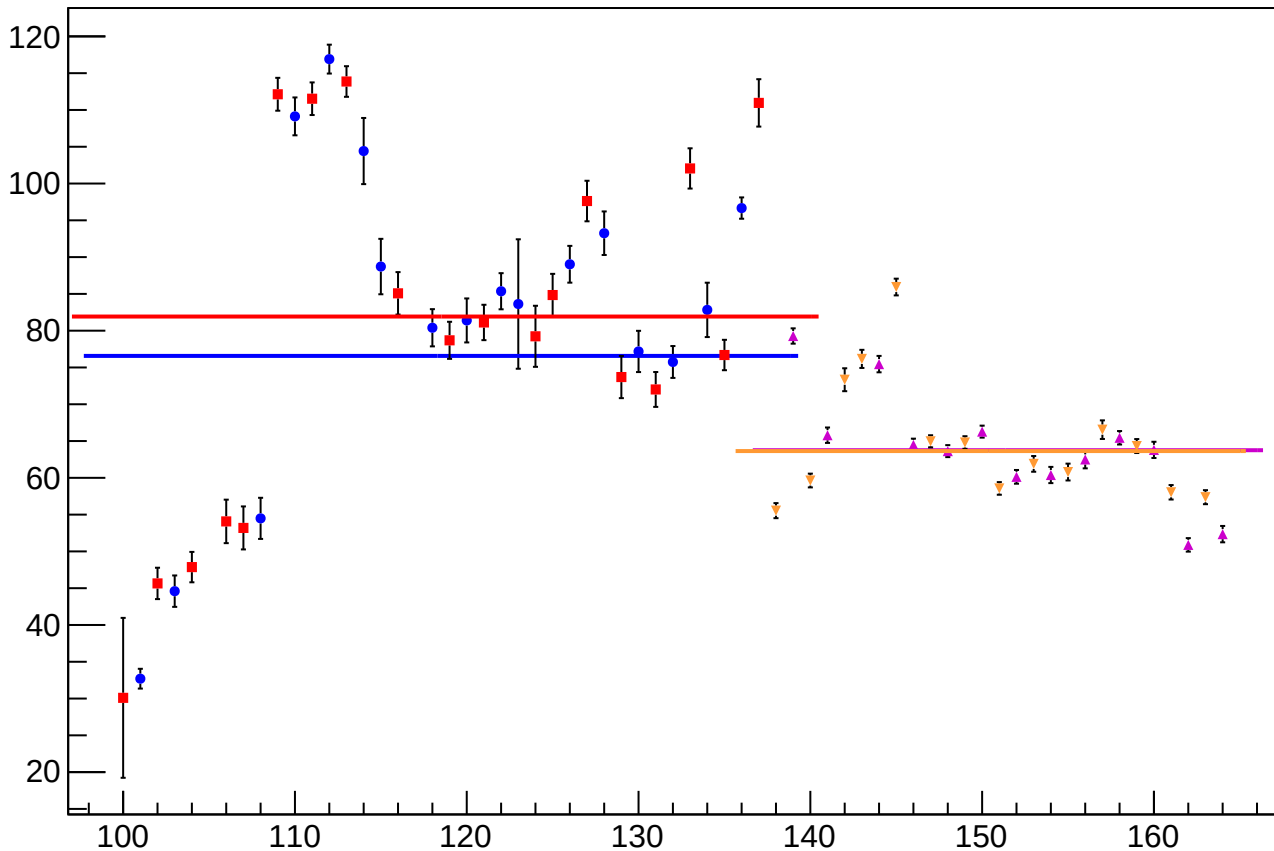
Left In: 1.432 ± 0.190 $\chi^2/\text{NDF}: 304.7/12$

+ sign 1.670 ± 0.159 $\chi^2/\text{NDF}: 660.2/30$

All: 1.836 ± 0.114 $\chi^2/\text{NDF}: 1273.0/62$

- sign 2.012 ± 0.164 $\chi^2/\text{NDF}: 610.6/31$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 63.638 $\pm$ 0.271 χ^2 /NDF: 737.2/13

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

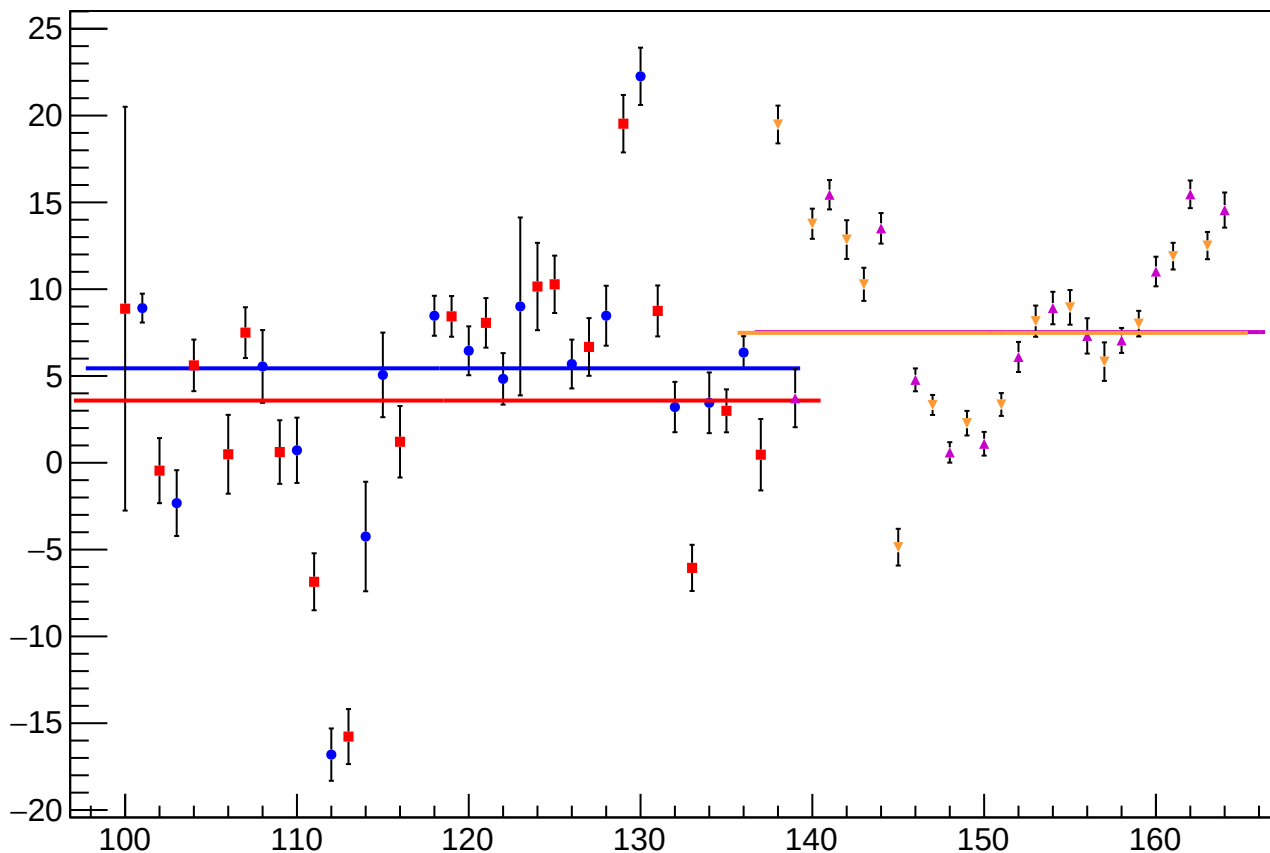
Left In: 63.753 $\pm$ 0.270 χ^2 /NDF: 677.2/12

+ sign 65.995 $\pm$ 0.245 χ^2 /NDF: 3407.0/30

All: 66.437 $\pm$ 0.173 χ^2 /NDF: 6441.4/62

- sign 66.882 $\pm$ 0.246 χ^2 /NDF: 3027.8/31

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 $\pm$ 0.357 χ^2/NDF : 387.5/16

Left Out: 7.486 $\pm$ 0.221 χ^2/NDF : 566.5/13

Right Out: 3.585 $\pm$ 0.375 χ^2/NDF : 423.2/18

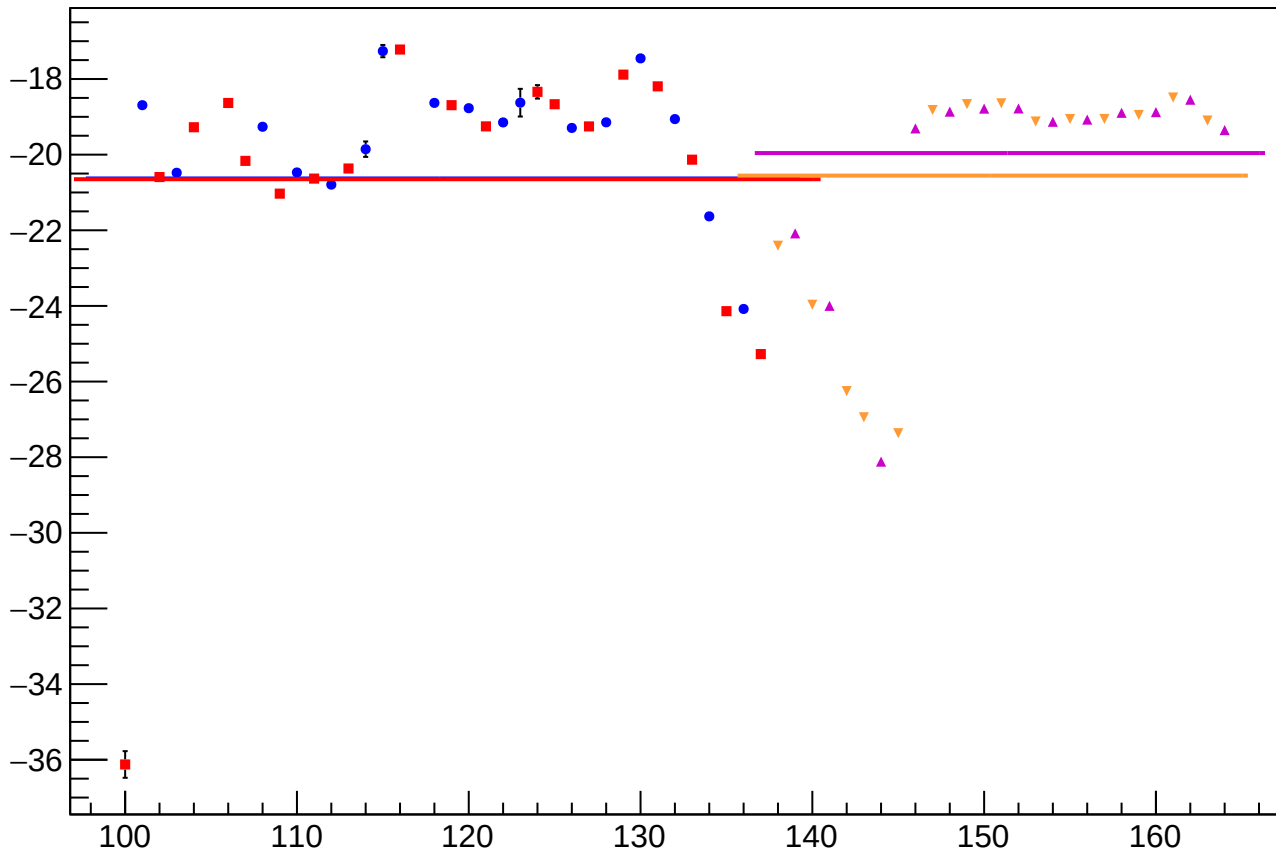
Left In: 7.528 $\pm$ 0.225 χ^2/NDF : 553.1/12

+ sign 6.920 $\pm$ 0.188 χ^2/NDF : 977.6/30

All: 6.707 $\pm$ 0.135 χ^2/NDF : 2037.7/62

- sign 6.482 $\pm$ 0.193 χ^2/NDF : 1057.5/31

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -20.554 ± 0.011 $\chi^2/\text{NDF}: 75259.0/13$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

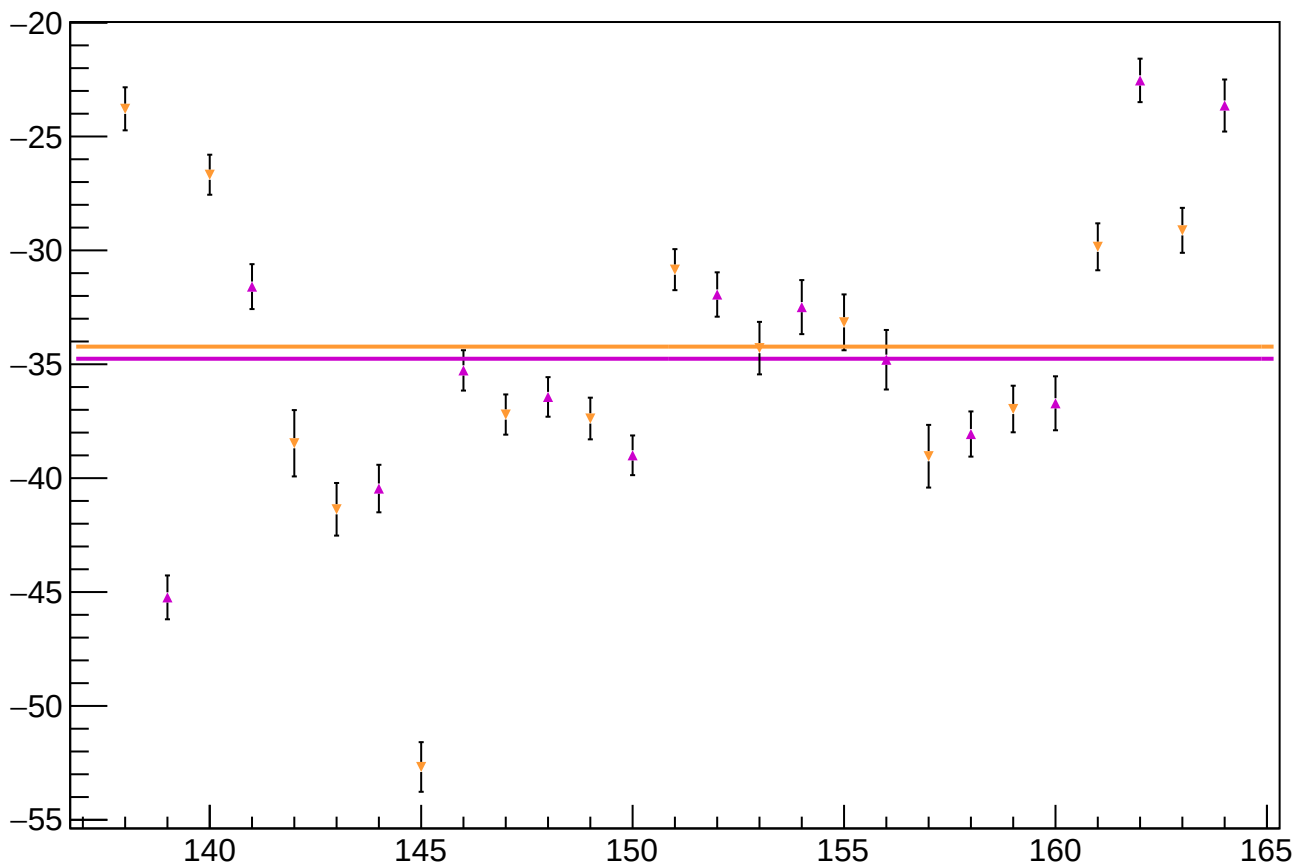
Left In: -19.958 ± 0.011 $\chi^2/\text{NDF}: 48230.7/12$

+ sign -20.572 ± 0.009 $\chi^2/\text{NDF}: 87761.5/30$

All: -20.344 ± 0.007 $\chi^2/\text{NDF}: 152026.6/62$

- sign -20.118 ± 0.009 $\chi^2/\text{NDF}: 63090.0/31$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.225+/-0.277 χ^2/NDF : 631.6/13

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

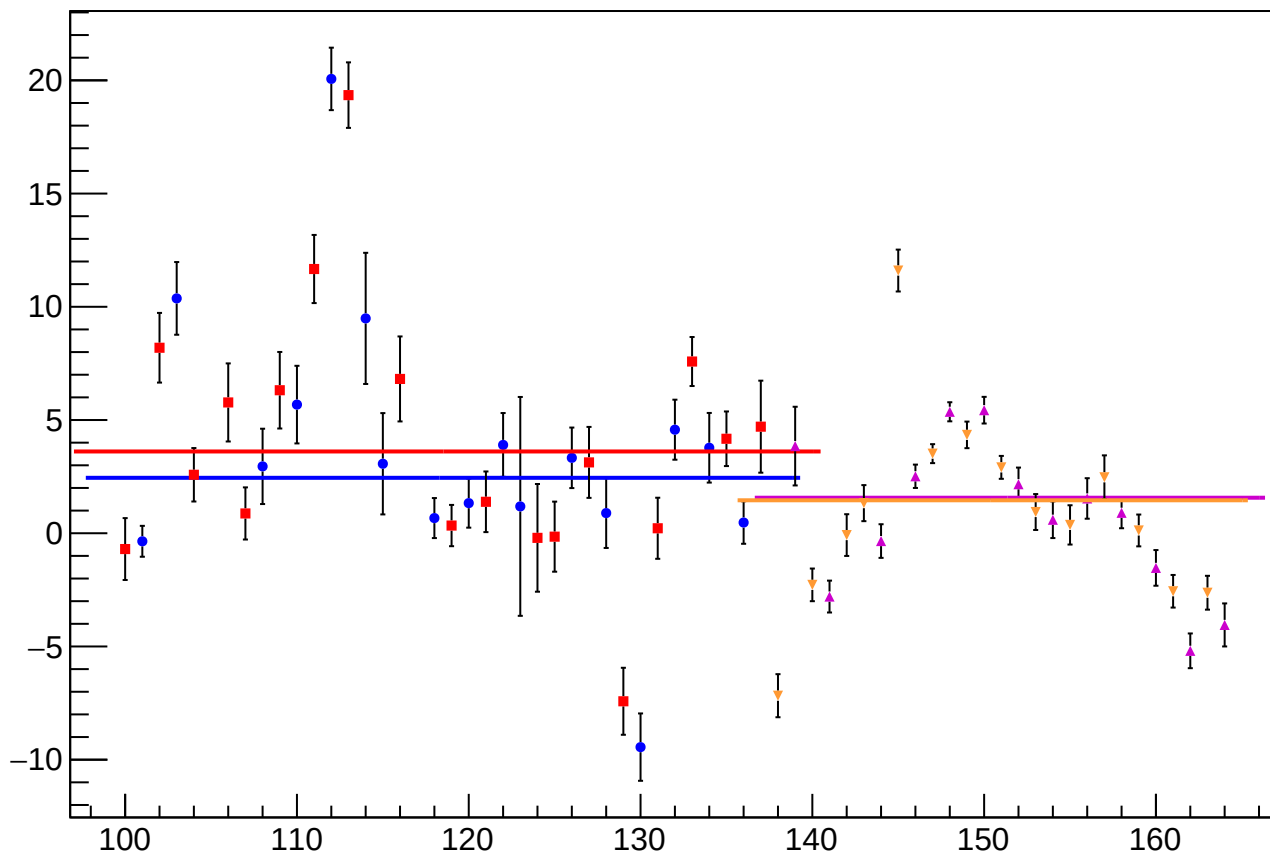
Left In: -34.758+/-0.279 χ^2/NDF : 470.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.490+/-0.196 χ^2/NDF : 1104.4/26

- 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: 1.455 ± 0.185 χ^2/NDF : 356.7/13

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

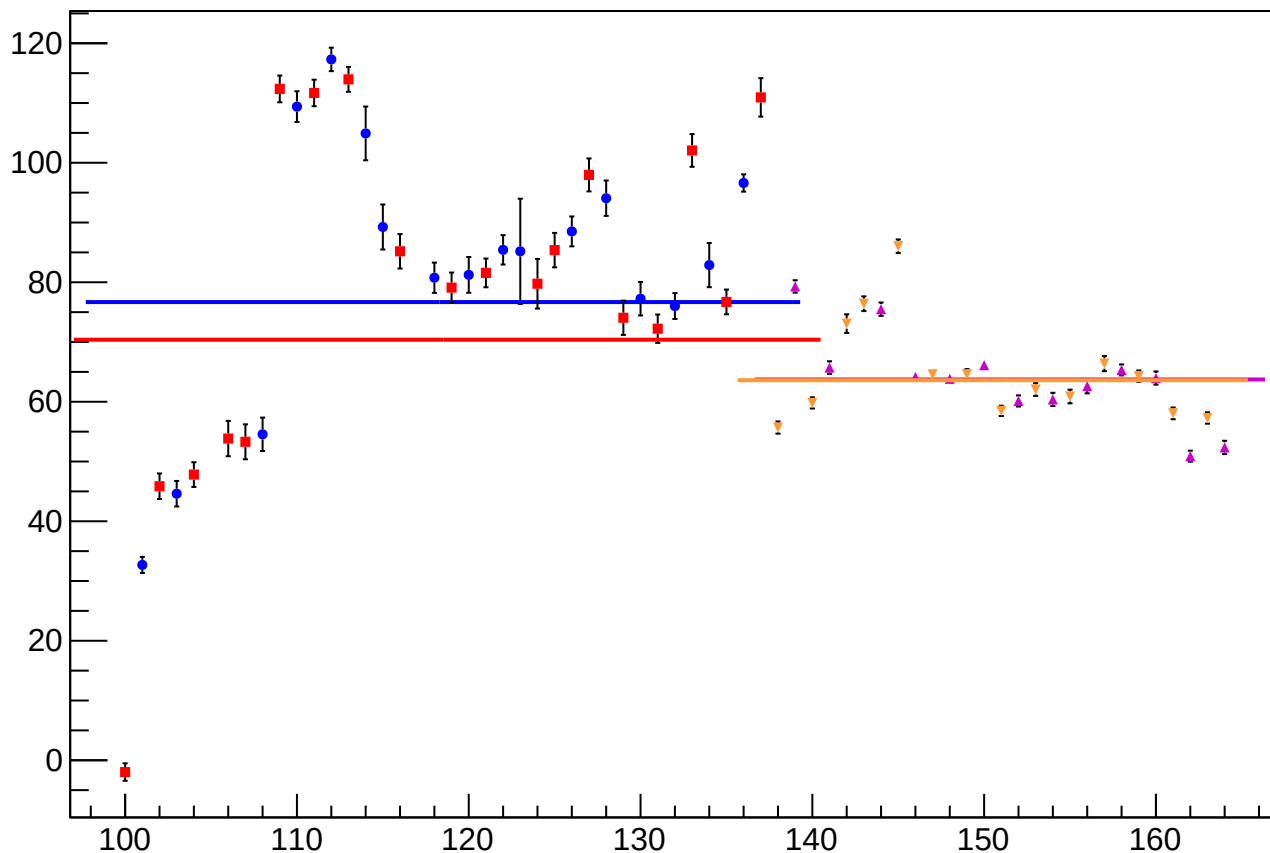
Left In: 1.569 ± 0.190 χ^2/NDF : 305.7/12

+ sign 1.715 ± 0.159 χ^2/NDF : 657.5/30

All: 1.905 ± 0.114 χ^2/NDF : 1275.9/62

- sign 2.106 ± 0.163 χ^2/NDF : 615.4/31

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 63.608 $\pm$ 0.271 χ^2 /NDF: 736.7/13

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

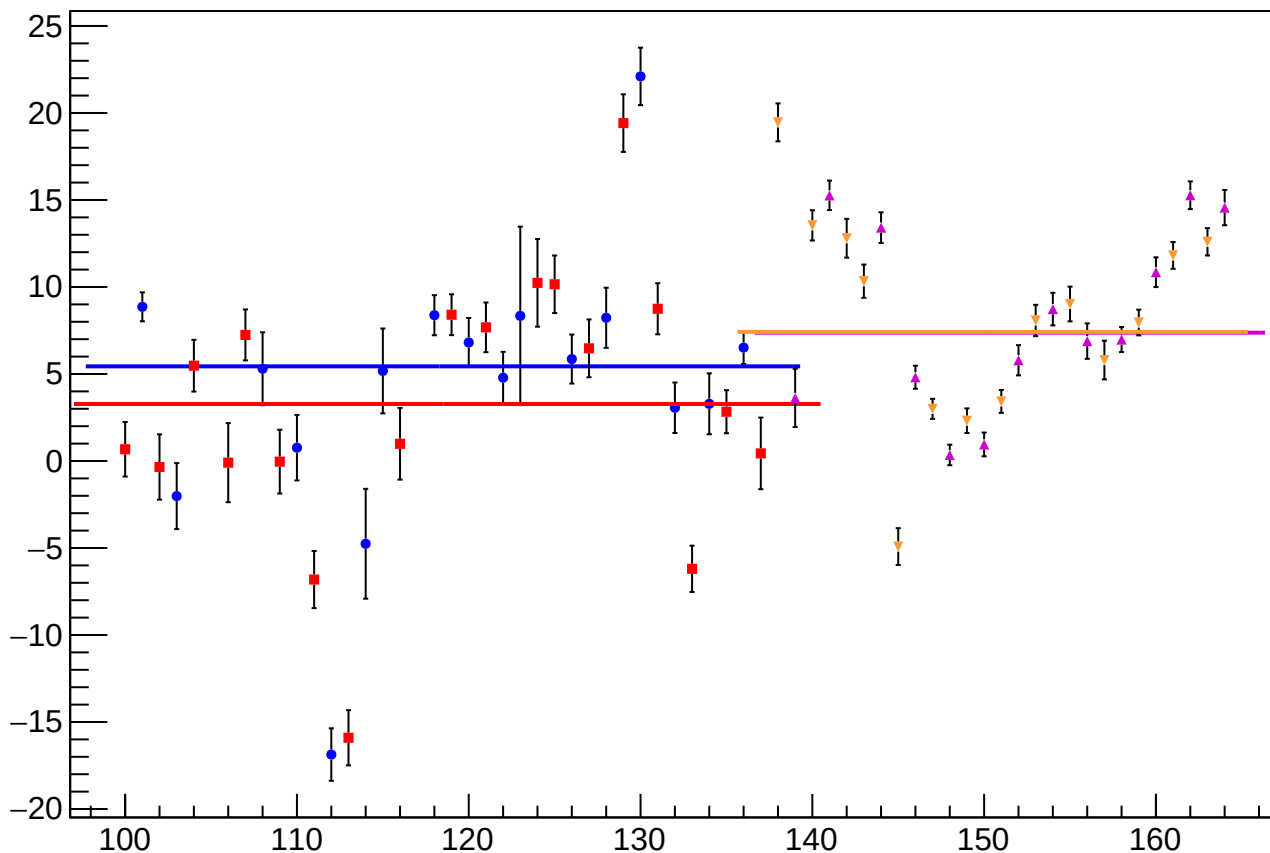
Left In: 63.732 $\pm$ 0.270 χ^2 /NDF: 674.7/12

+ sign 65.992 $\pm$ 0.245 χ^2 /NDF: 3426.8/30

All: 65.504 $\pm$ 0.172 χ^2 /NDF: 8618.5/62

- sign 65.026 $\pm$ 0.242 χ^2 /NDF: 5183.8/31

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 7.421 ± 0.221 $\chi^2/\text{NDF}: 569.5/13$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

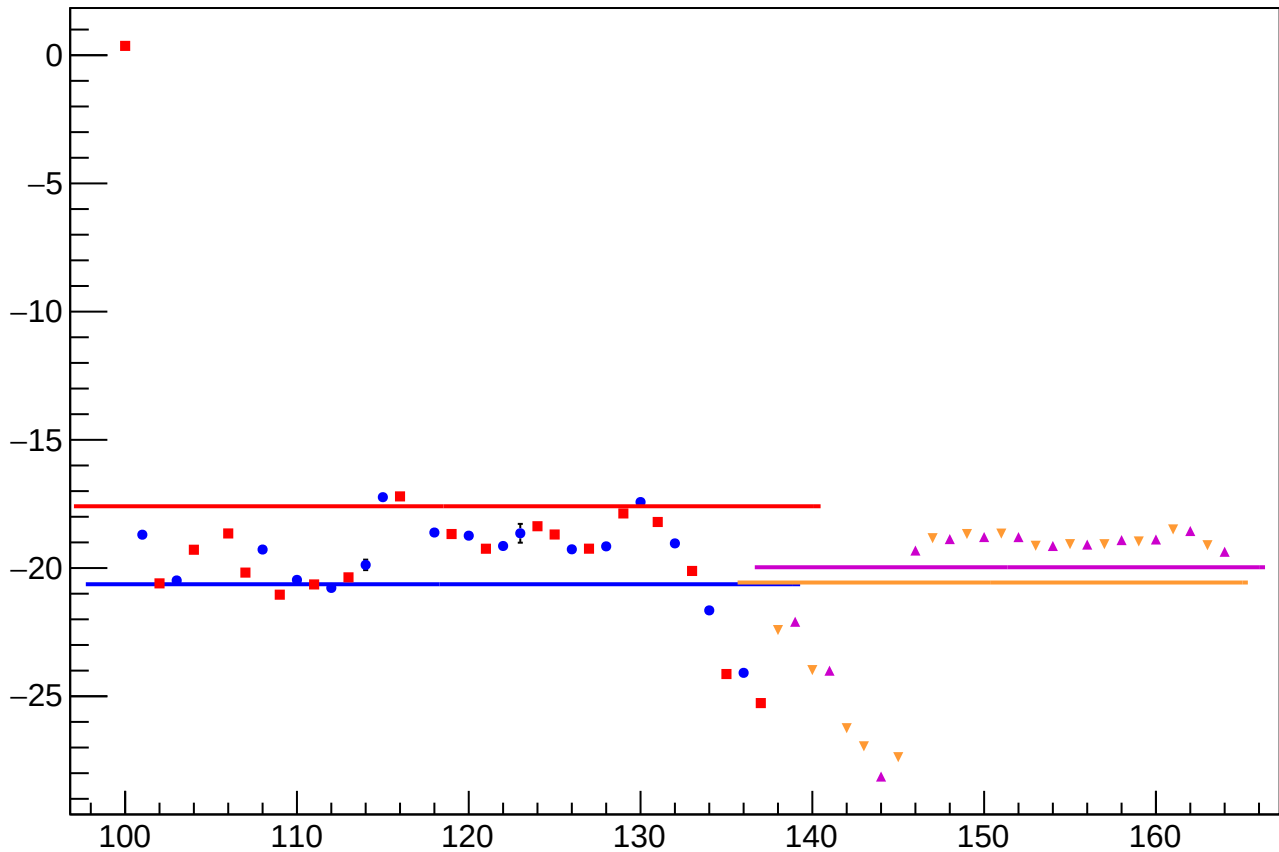
Left In: 7.375 ± 0.226 $\chi^2/\text{NDF}: 555.8/12$

+ sign 6.873 ± 0.188 $\chi^2/\text{NDF}: 977.6/30$

All: 6.564 ± 0.134 $\chi^2/\text{NDF}: 2055.9/62$

- sign 6.243 ± 0.192 $\chi^2/\text{NDF}: 1072.7/31$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 χ^2/NDF : 12530.8/16

Left Out: -20.564 ± 0.011 χ^2/NDF : 75100.5/13

Right Out: -17.591 ± 0.018 χ^2/NDF : 178680.7/18

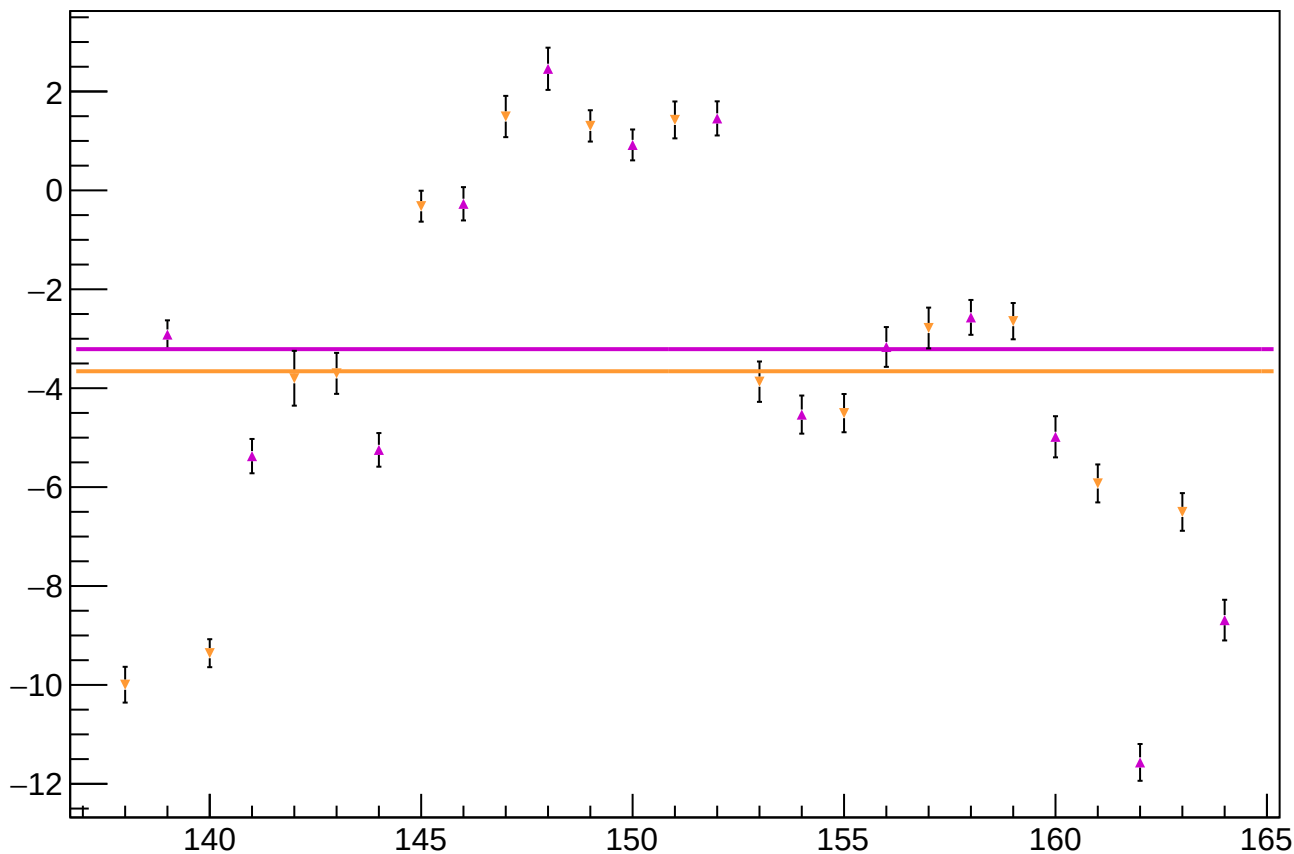
Left In: -19.969 ± 0.011 χ^2/NDF : 48161.9/12

+ sign -20.580 ± 0.009 χ^2/NDF : 87640.5/30

All: -19.952 ± 0.007 χ^2/NDF : 336146.9/62

- sign -19.351 ± 0.009 χ^2/NDF : 239744.2/31

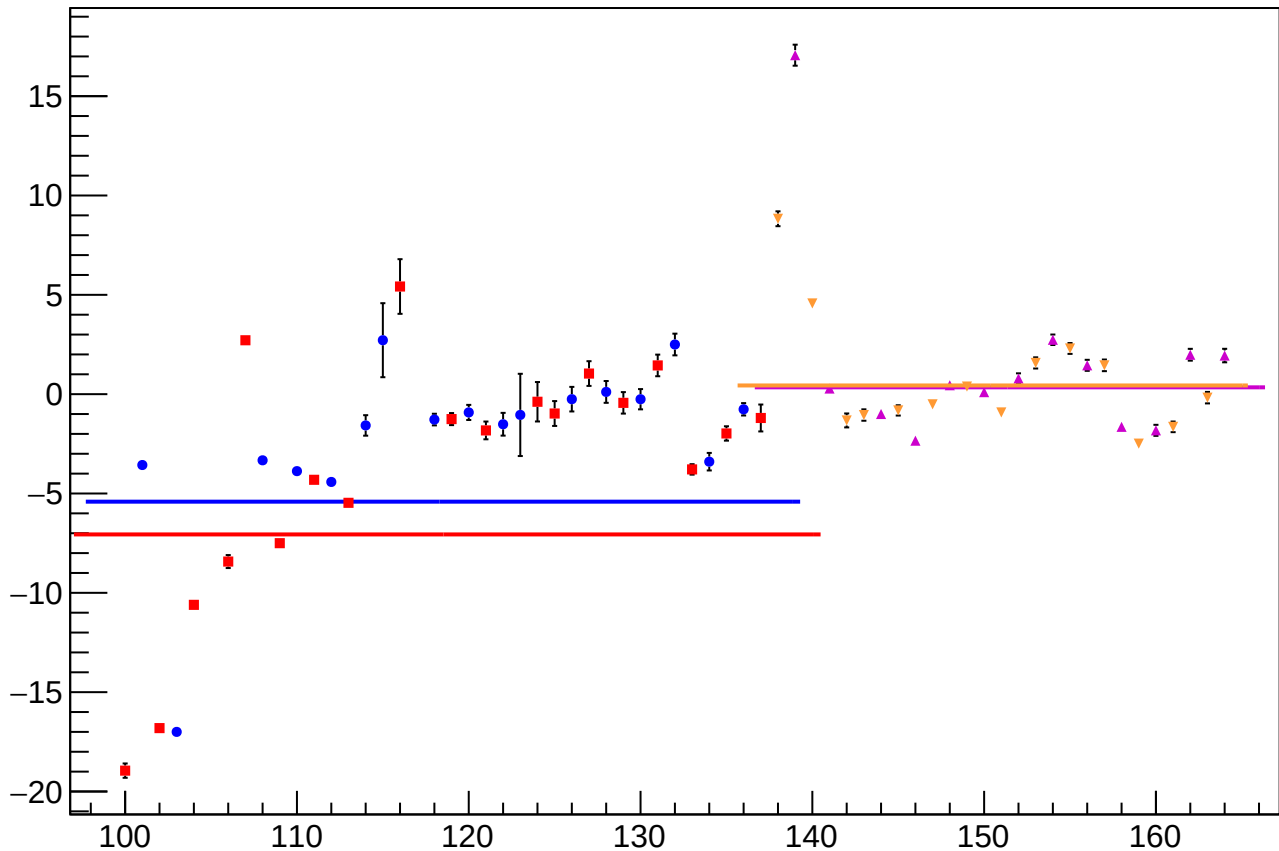
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



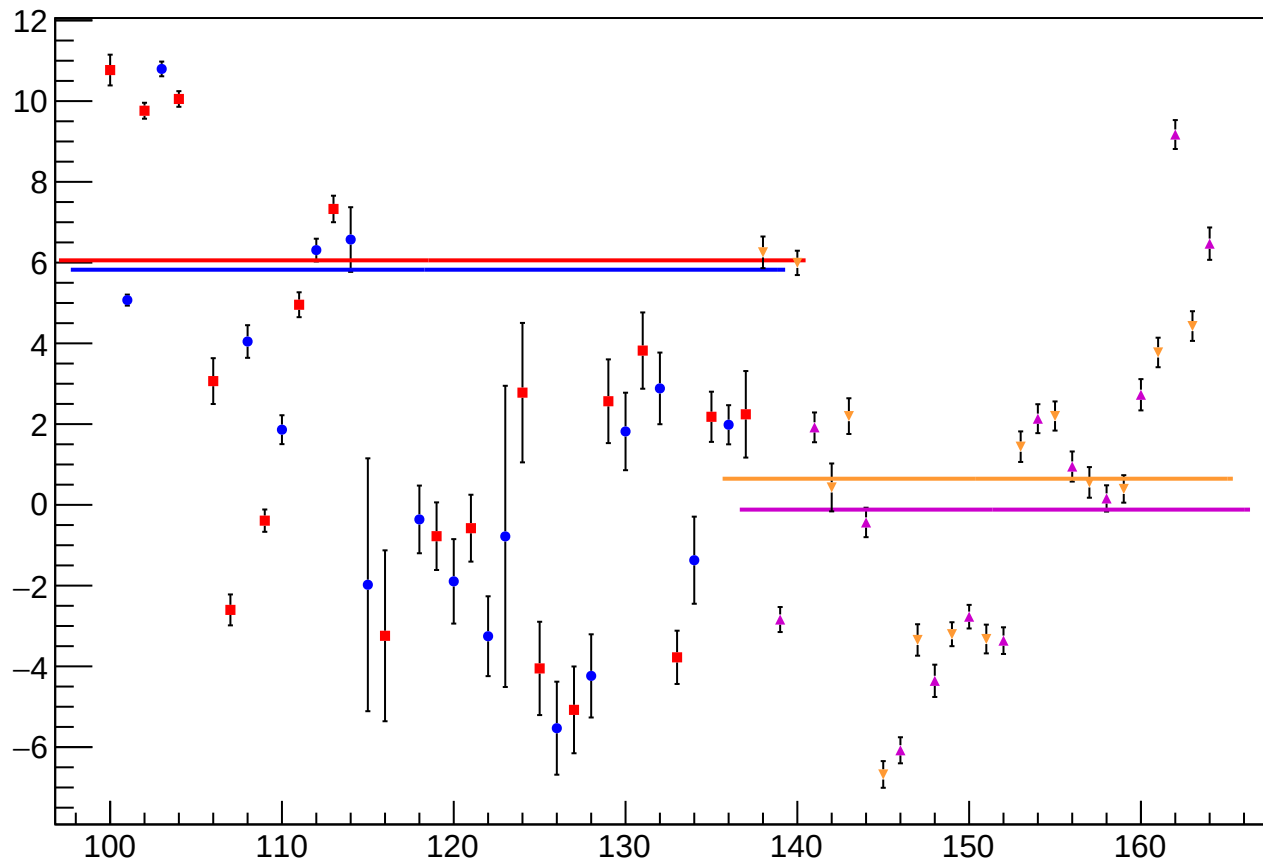
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.657+/-0.099 χ^2/NDF : 1517.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.210+/-0.099 χ^2/NDF : 1401.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.434+/-0.070 χ^2/NDF : 2929.3/26
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 $\pm$ 0.090 χ^2/NDF : 1452.6/16

Left Out: 0.648 $\pm$ 0.097 χ^2/NDF : 1622.8/13

Right Out: 6.056 $\pm$ 0.093 χ^2/NDF : 2668.9/18

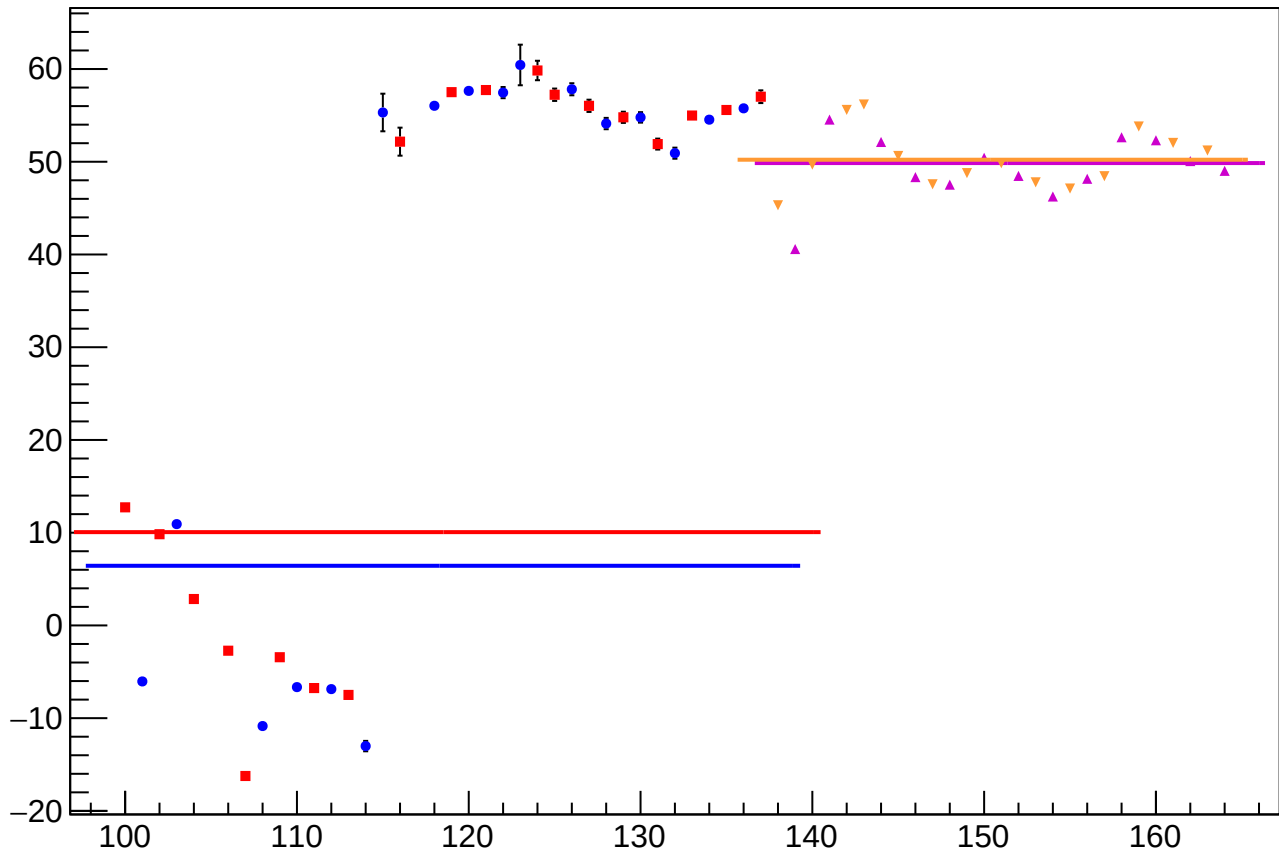
Left In: -0.118 $\pm$ 0.097 χ^2/NDF : 1785.7/12

+ sign 3.450 $\pm$ 0.066 χ^2/NDF : 4606.7/30

All: 3.267 $\pm$ 0.047 χ^2/NDF : 11189.4/62

- sign 3.077 $\pm$ 0.067 χ^2/NDF : 6567.0/31

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 50.219 ± 0.081 χ^2/NDF : 1145.3/13

Right Out: 10.060 ± 0.070 χ^2/NDF : 121816.0/18

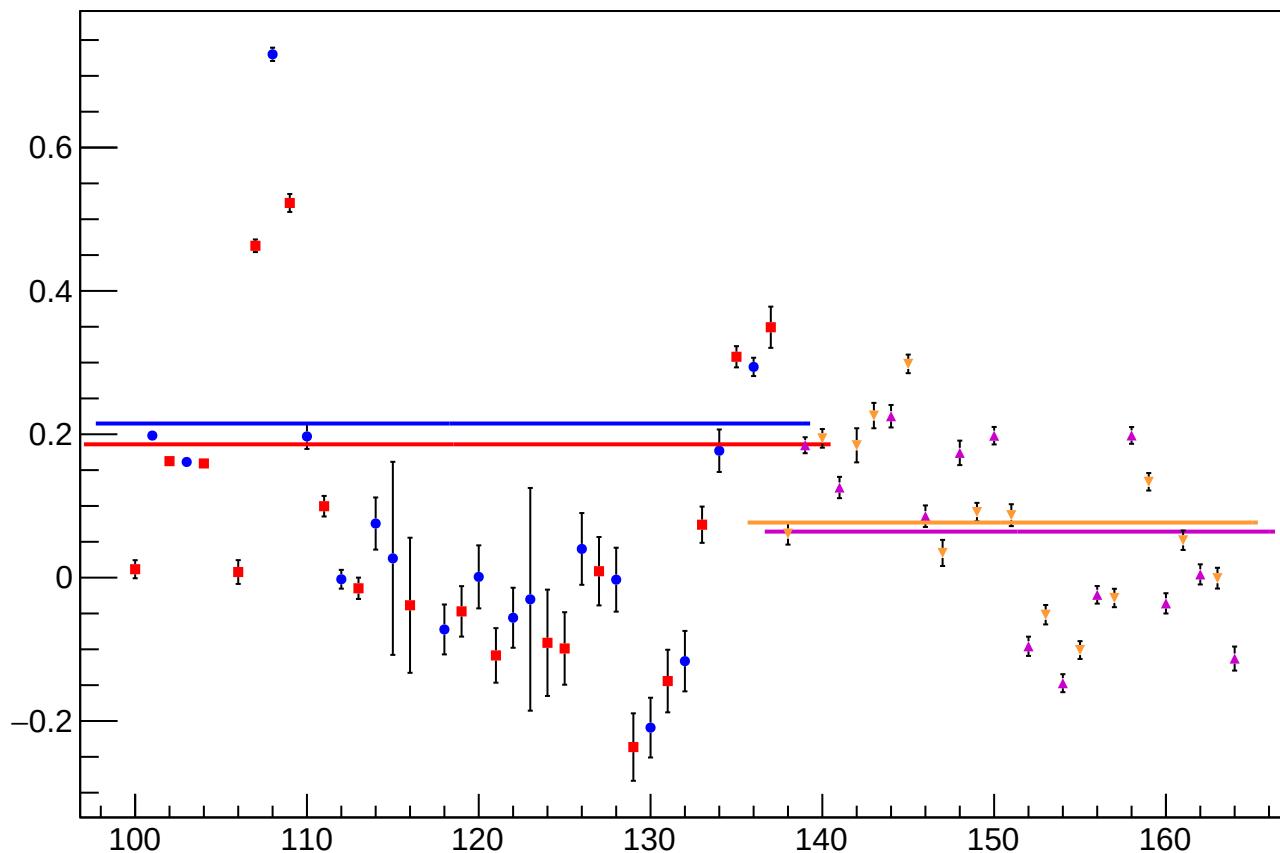
Left In: 49.858 ± 0.083 χ^2/NDF : 1120.5/12

+ sign 23.426 ± 0.051 χ^2/NDF : 302392.7/30

All: 24.904 ± 0.037 χ^2/NDF : 562037.2/62

- sign 26.548 ± 0.053 χ^2/NDF : 257843.3/31

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.1/16

Left Out: 0.077 $\pm$ 0.004 χ^2 /NDF: 889.0/13

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

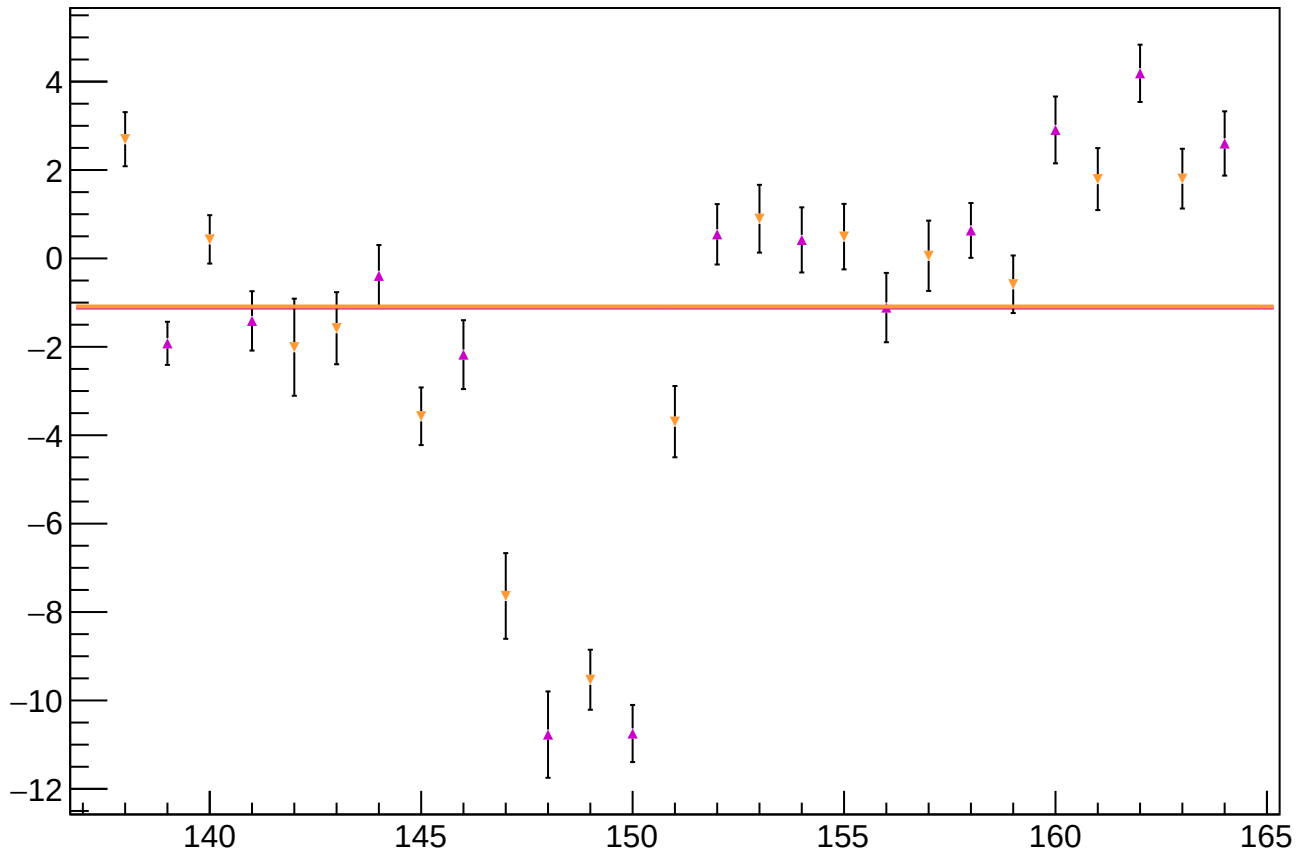
Left In: 0.064 $\pm$ 0.004 χ^2 /NDF: 1192.2/12

+ sign 0.167 $\pm$ 0.002 χ^2 /NDF: 5683.5/30

All: 0.156 $\pm$ 0.002 χ^2 /NDF: 10340.5/62

- sign 0.145 $\pm$ 0.002 χ^2 /NDF: 4606.5/31

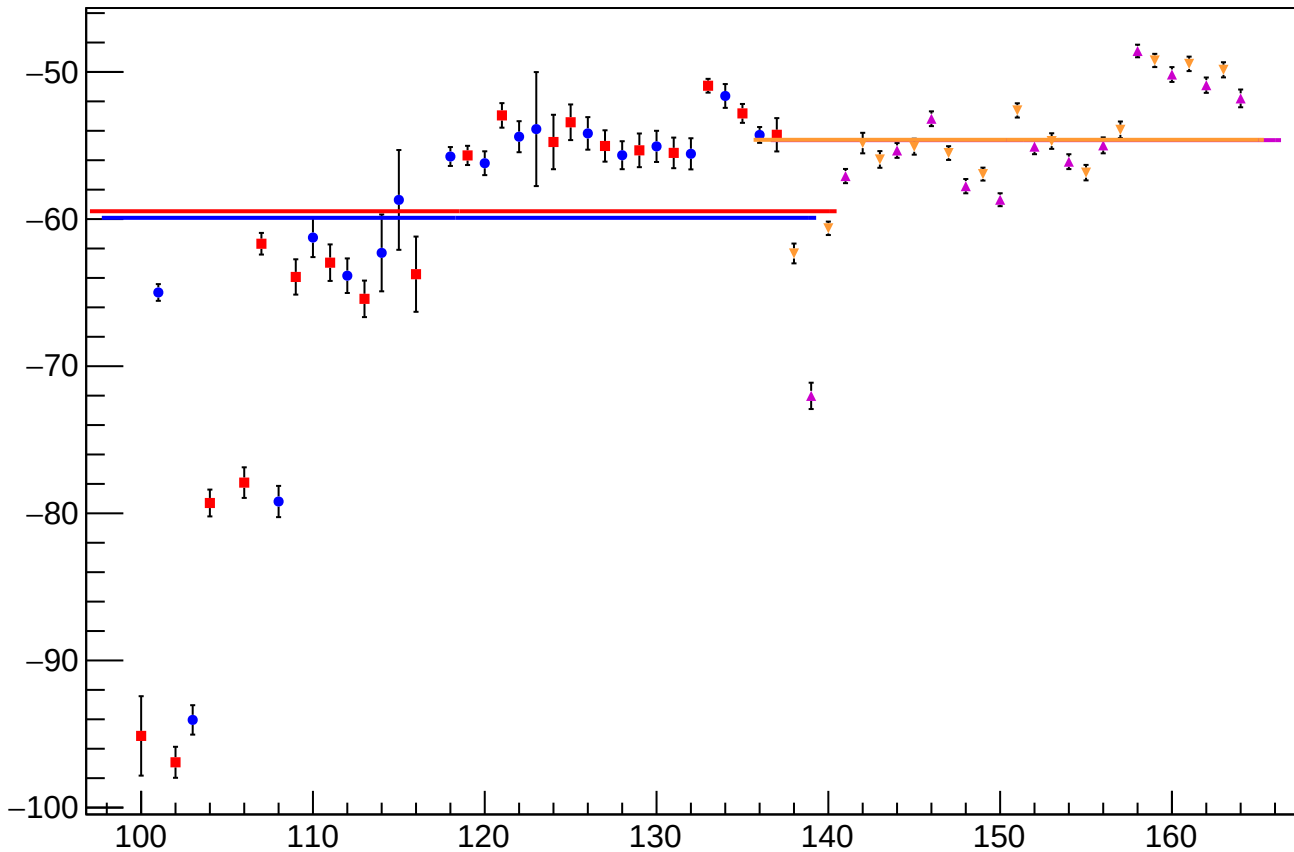
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.088+/-0.192 χ^2/NDF : 321.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.111+/-0.190 χ^2/NDF : 465.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.099+/-0.135 χ^2/NDF : 786.4/26
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -54.612 ± 0.138 χ^2/NDF : 718.3/13

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

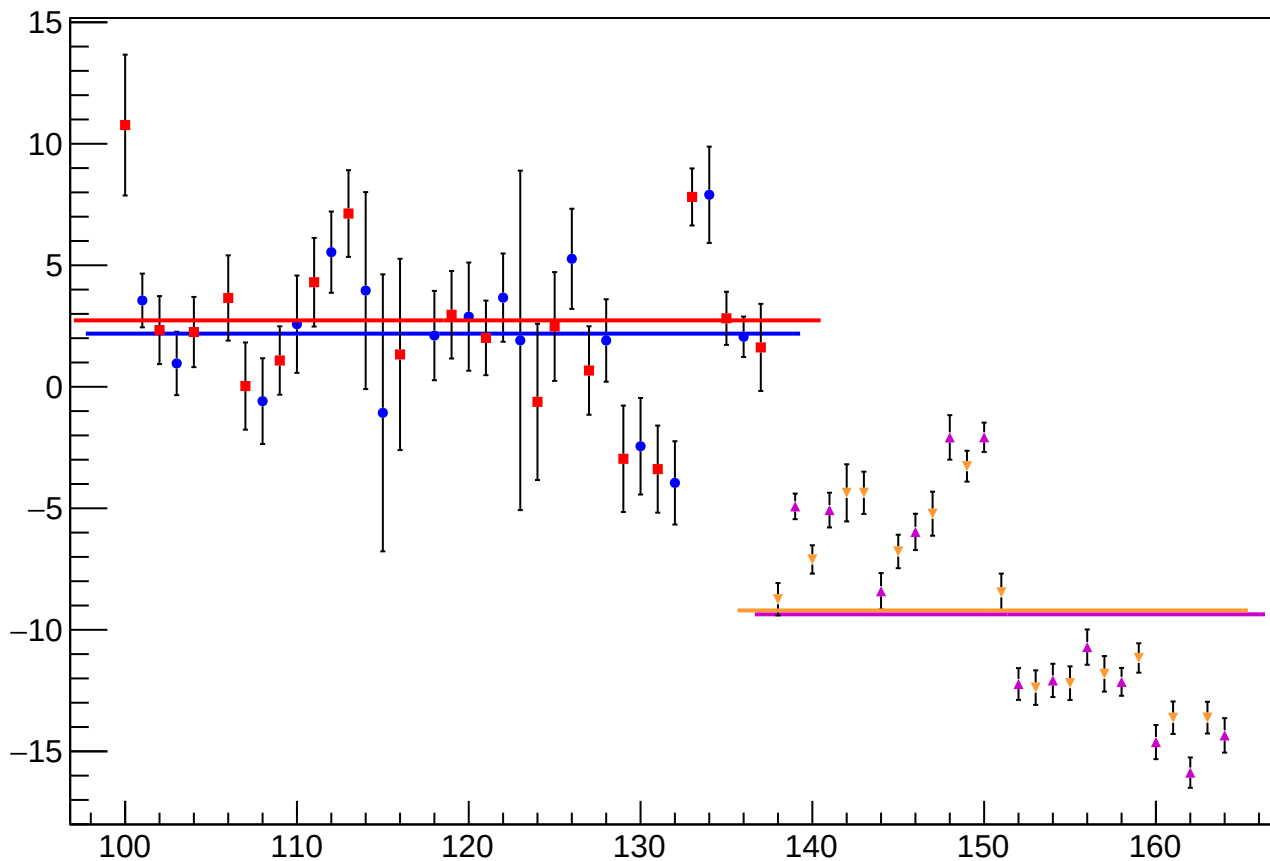
Left In: -54.635 ± 0.142 χ^2/NDF : 899.7/12

+ sign -56.077 ± 0.117 χ^2/NDF : 3107.0/30

All: -56.103 ± 0.083 χ^2/NDF : 7278.4/62

- sign -56.128 ± 0.118 χ^2/NDF : 4171.3/31

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: -9.202 ± 0.189 $\chi^2/\text{NDF}: 332.6/13$

Right Out: 2.733 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

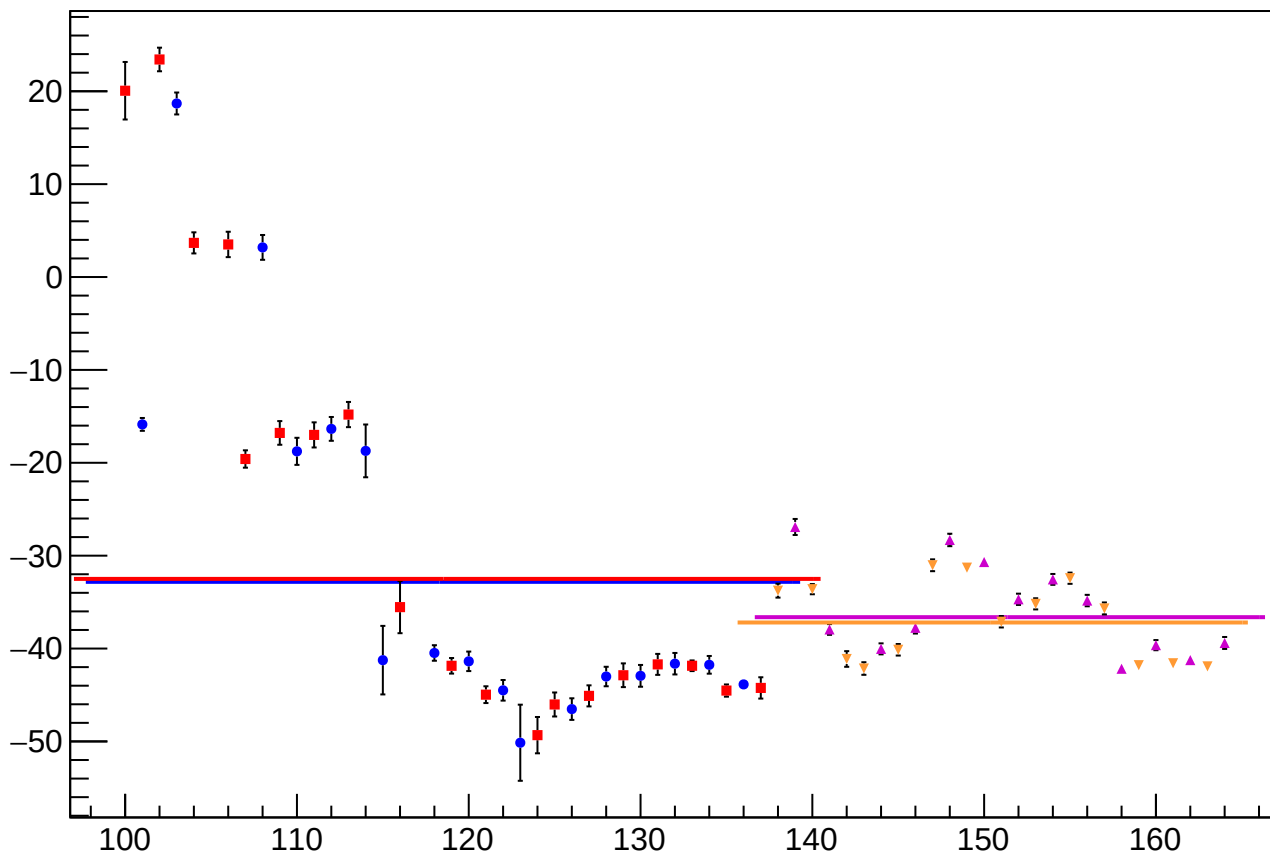
Left In: -9.362 ± 0.186 $\chi^2/\text{NDF}: 613.7/12$

+ sign -7.158 ± 0.171 $\chi^2/\text{NDF}: 1023.6/30$

All: -7.133 ± 0.120 $\chi^2/\text{NDF}: 2488.4/62$

- sign -7.108 ± 0.167 $\chi^2/\text{NDF}: 1464.8/31$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817±/0.254 χ^2/NDF : 4666.6/16

Left Out: -37.195±/0.159 χ^2/NDF : 698.7/13

Right Out: -32.501±/0.244 χ^2/NDF : 6037.9/18

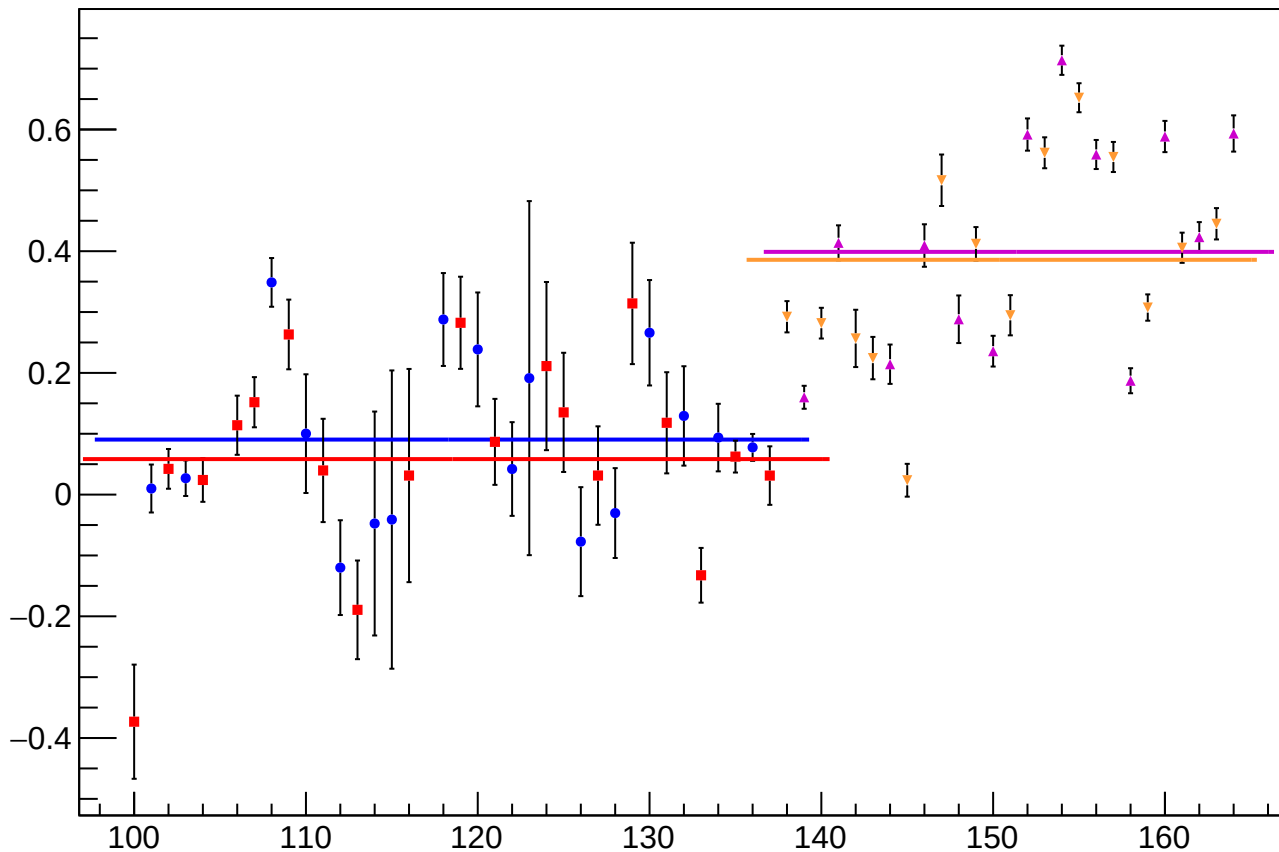
Left In: -36.622±/0.162 χ^2/NDF : 798.3/12

+ sign -35.957±/0.135 χ^2/NDF : 5578.4/30

All: -35.660±/0.095 χ^2/NDF : 12622.4/62

- sign -35.364±/0.135 χ^2/NDF : 7034.4/31

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 79.2/16

Left Out: 0.386 ± 0.007 χ^2/NDF : 496.3/13

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.3/18

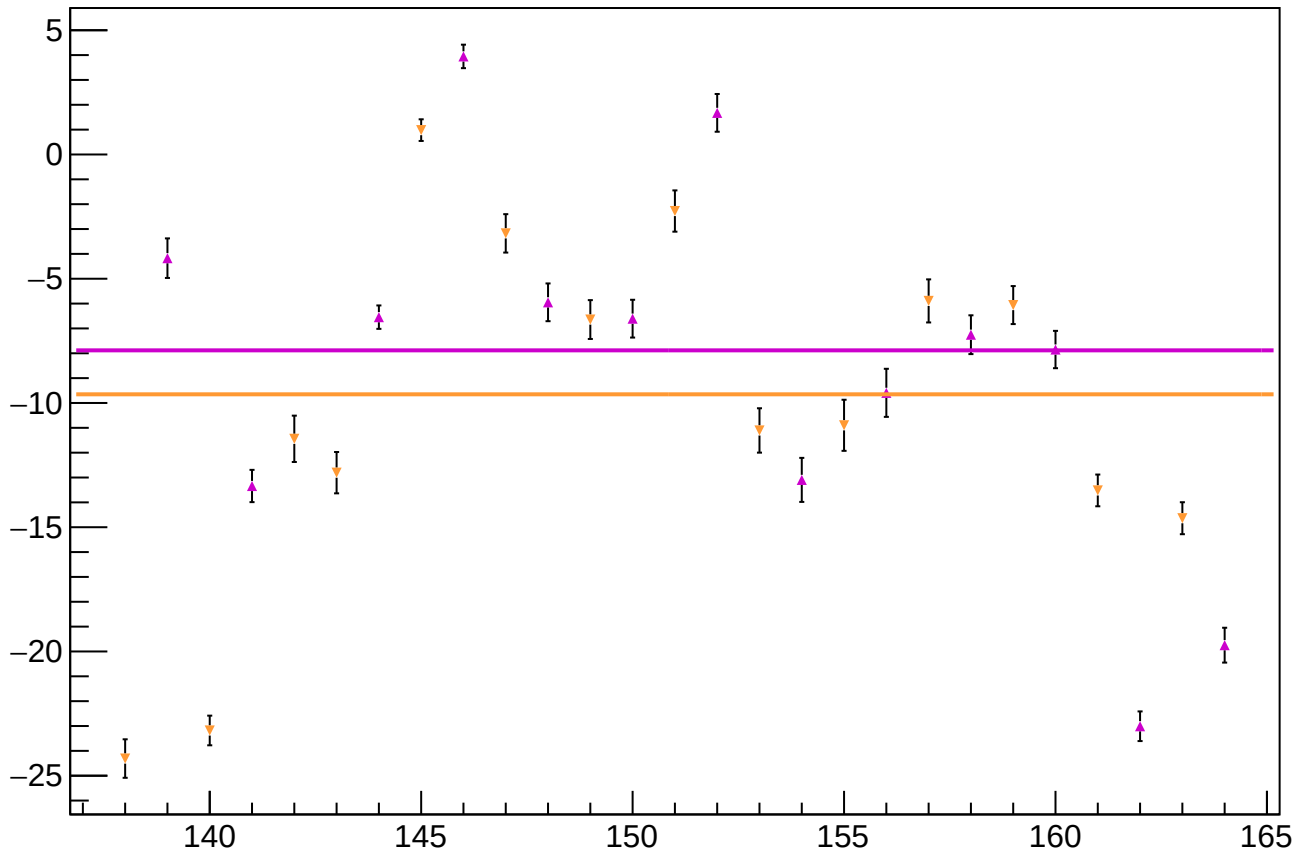
Left In: 0.399 ± 0.007 χ^2/NDF : 717.2/12

+ sign 0.313 ± 0.006 χ^2/NDF : 981.2/30

All: 0.312 ± 0.004 χ^2/NDF : 2369.9/62

- sign 0.311 ± 0.006 χ^2/NDF : 1388.6/31

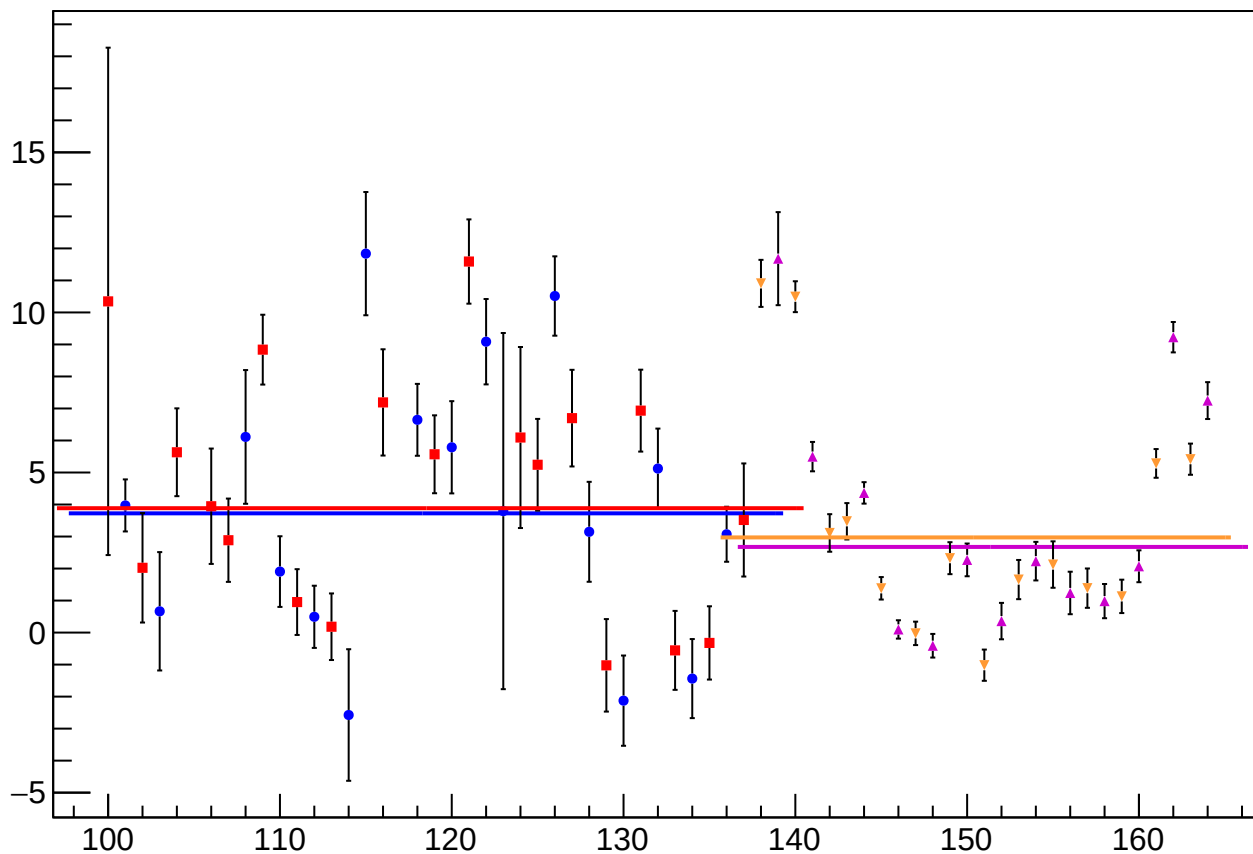
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.651+/-0.192 χ^2/NDF :1790.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.882+/-0.187 χ^2/NDF :1862.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -8.743+/-0.134 χ^2/NDF : 3696.1/26
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 ± 0.308 $\chi^2/\text{NDF}: 136.8/16$

Left Out: 2.973 ± 0.134 $\chi^2/\text{NDF}: 593.6/13$

Right Out: 3.885 ± 0.316 $\chi^2/\text{NDF}: 134.4/18$

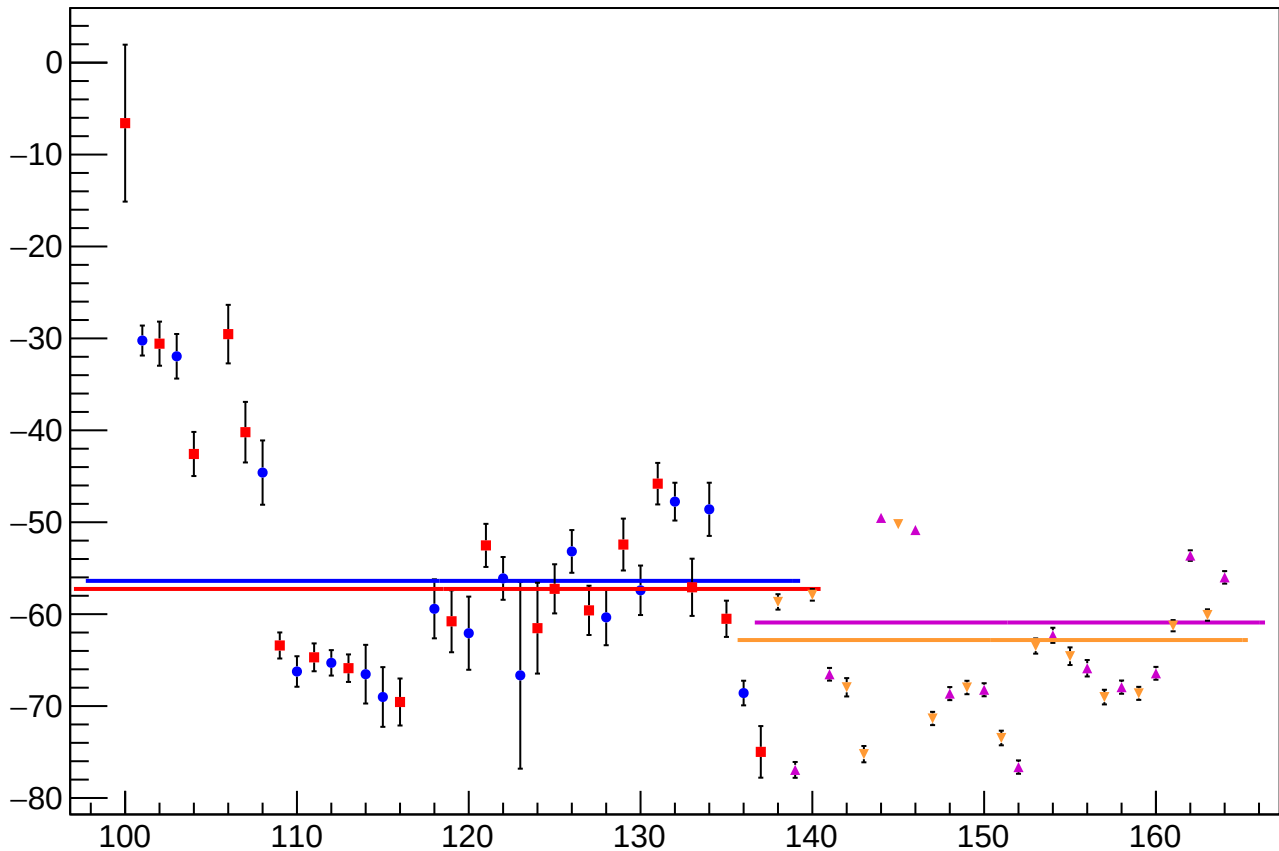
Left In: 2.676 ± 0.129 $\chi^2/\text{NDF}: 539.5/12$

+ sign 3.091 ± 0.123 $\chi^2/\text{NDF}: 735.3/30$

All: 2.966 ± 0.085 $\chi^2/\text{NDF}: 1423.7/62$

- sign 2.847 ± 0.119 $\chi^2/\text{NDF}: 686.4/31$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -62.816 ± 0.190 χ^2/NDF : 1571.8/13

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

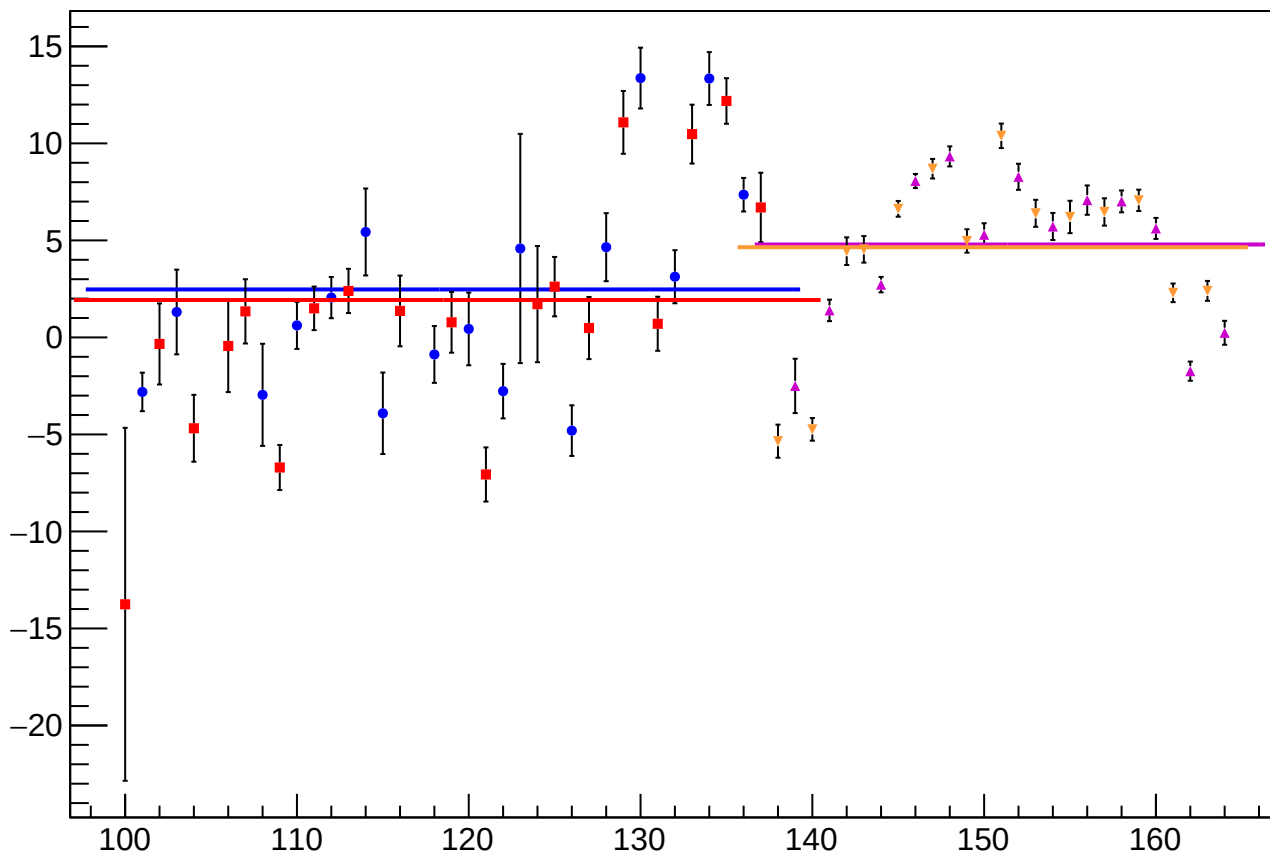
Left In: -60.908 ± 0.183 χ^2/NDF : 2509.1/12

+ sign -62.108 ± 0.180 χ^2/NDF : 2284.7/30

All: -61.288 ± 0.125 χ^2/NDF : 5351.7/62

- sign -60.528 ± 0.173 χ^2/NDF : 3026.8/31

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 4.649 ± 0.157 χ^2/NDF : 645.8/13

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

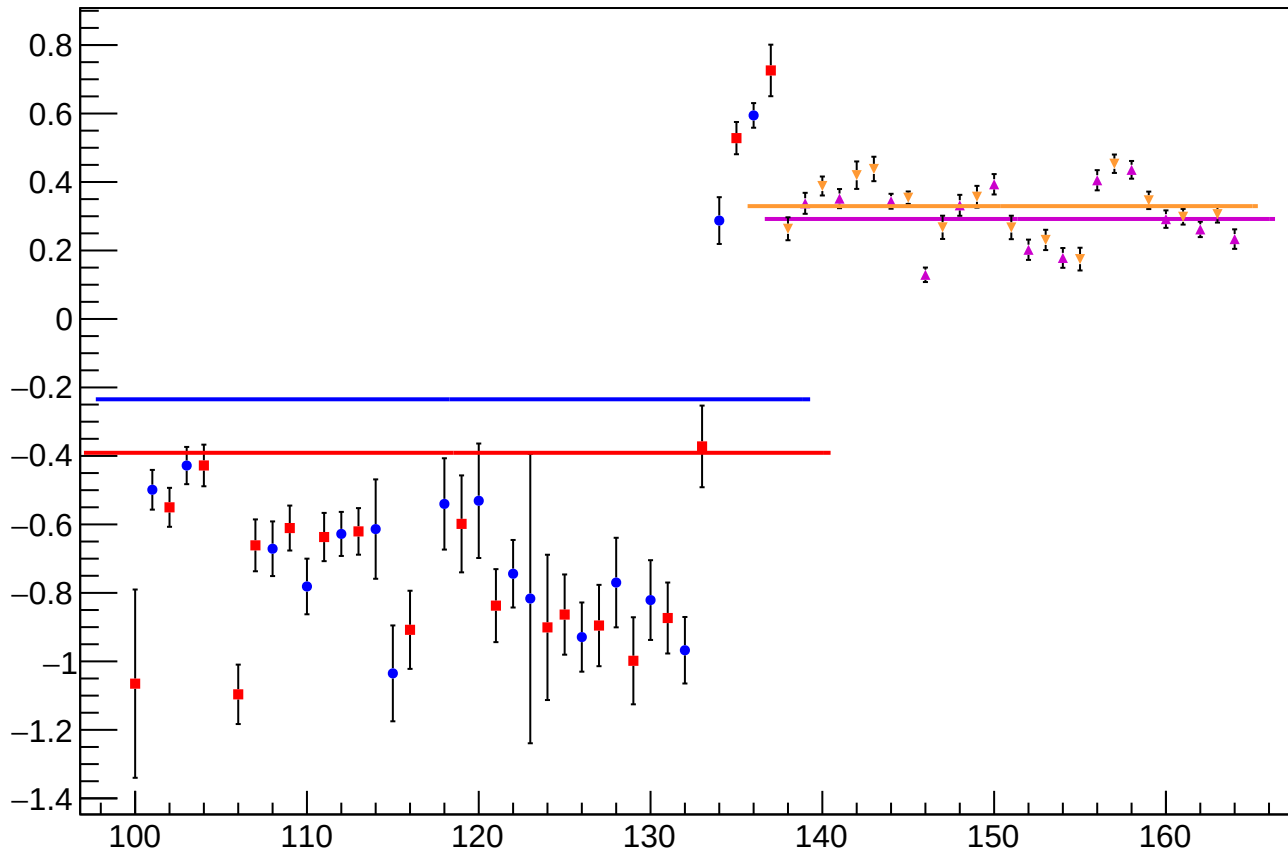
Left In: 4.789 ± 0.152 χ^2/NDF : 534.5/12

+ sign 4.277 ± 0.143 χ^2/NDF : 922.2/30

All: 4.313 ± 0.100 χ^2/NDF : 1778.4/62

- sign 4.347 ± 0.139 χ^2/NDF : 856.1/31

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.330 ± 0.007 χ^2/NDF : 89.1/13

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

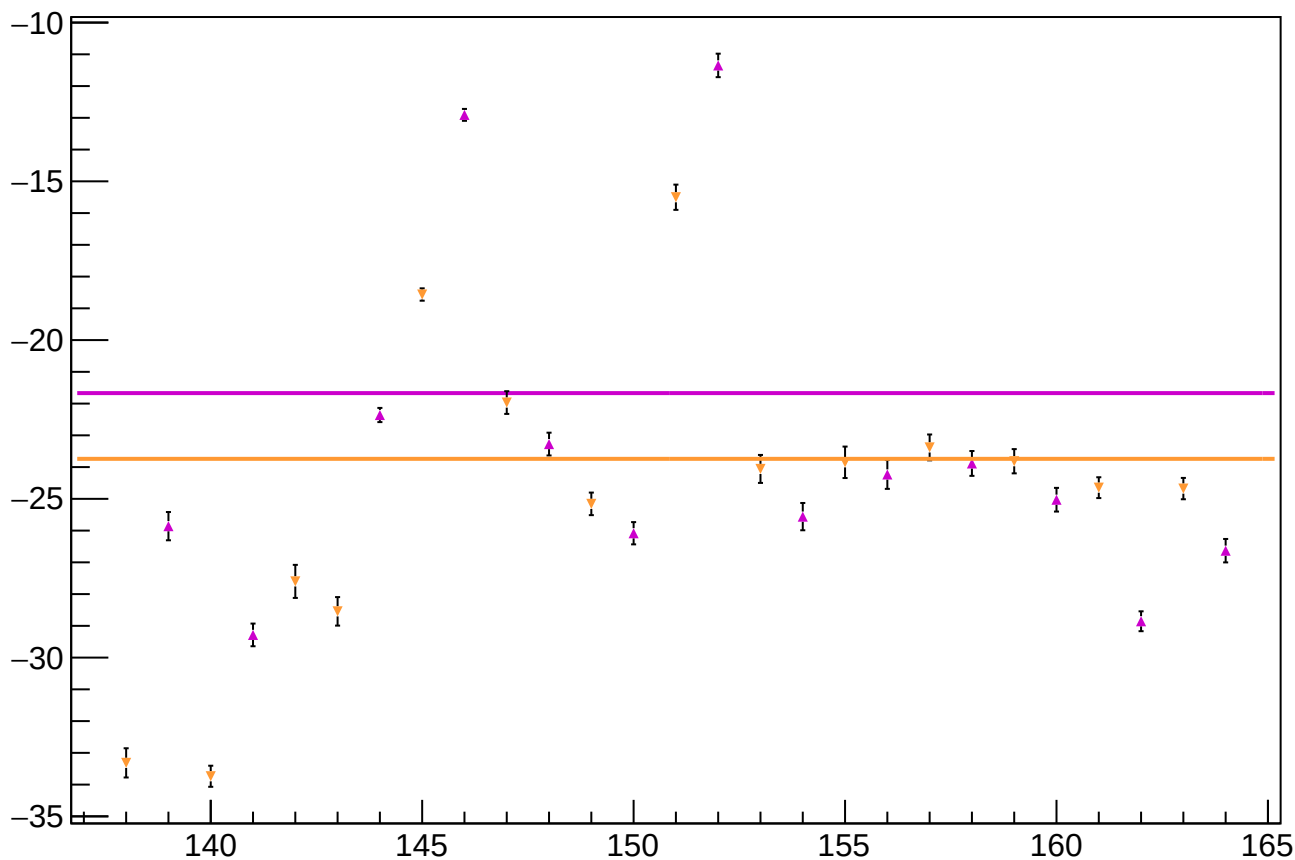
Left In: 0.292 ± 0.007 χ^2/NDF : 161.2/12

+ sign 0.253 ± 0.007 χ^2/NDF : 1819.8/30

All: 0.228 ± 0.005 χ^2/NDF : 3989.2/62

- sign 0.203 ± 0.007 χ^2/NDF : 2143.4/31

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -23.740 ± 0.095 $\chi^2/\text{NDF}: 2701.9/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

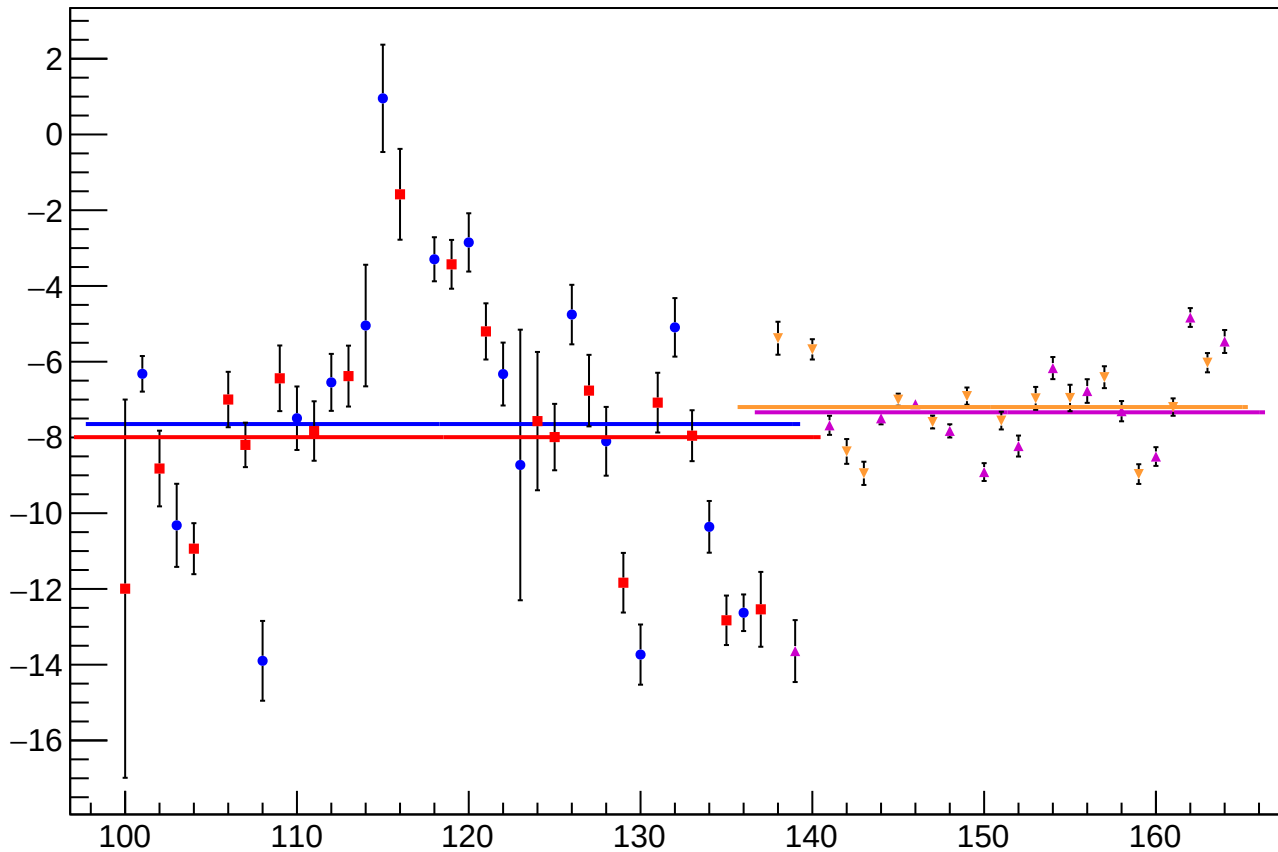
Left In: -21.670 ± 0.089 $\chi^2/\text{NDF}: 4631.3/12$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -22.639 ± 0.065 $\chi^2/\text{NDF}: 7586.4/26$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.197 ± 0.066 χ^2/NDF : 182.0/13

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

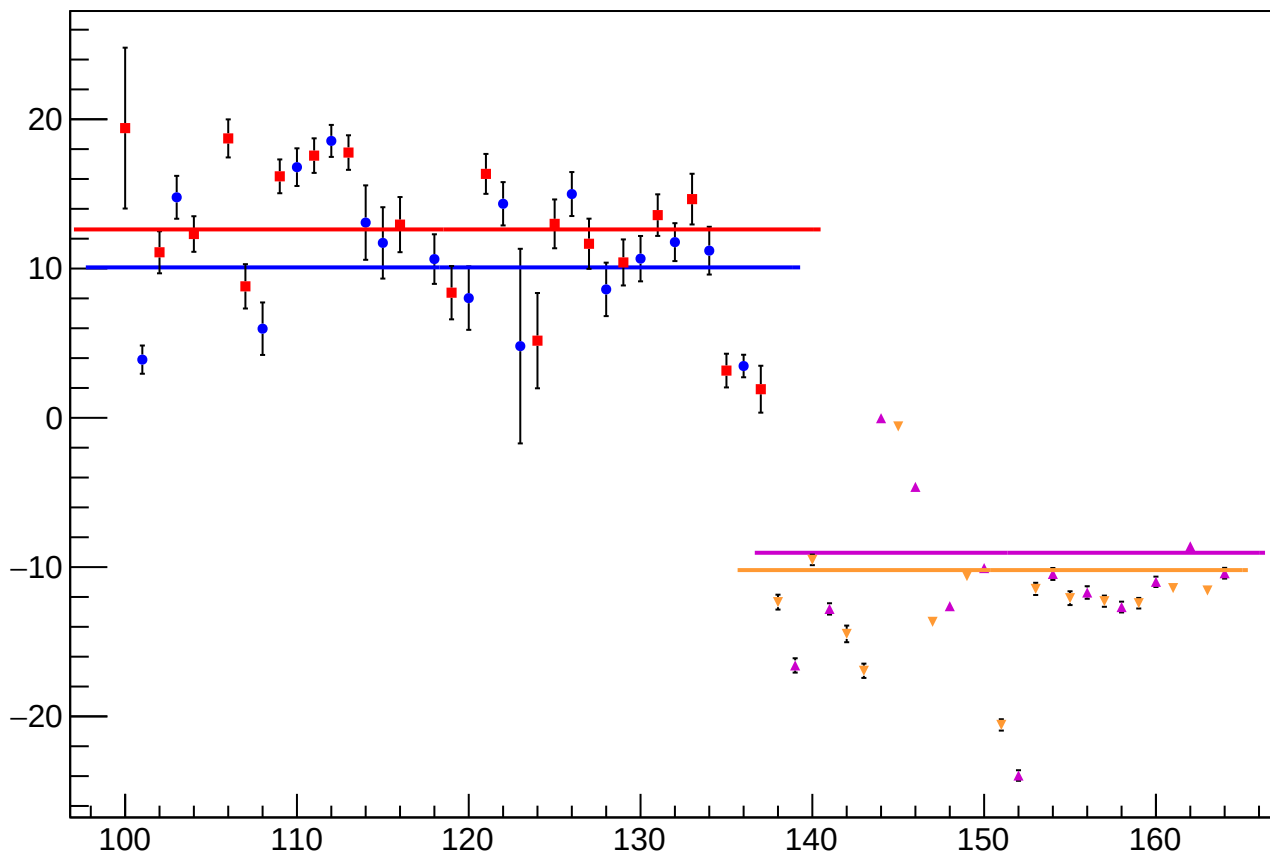
Left In: -7.336 ± 0.061 χ^2/NDF : 309.8/12

+ sign -7.247 ± 0.062 χ^2/NDF : 580.8/30

All: -7.329 ± 0.042 χ^2/NDF : 1130.6/62

- sign -7.399 ± 0.058 χ^2/NDF : 546.5/31

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 $\chi^2/\text{NDF}: 252.8/16$

Left Out: -10.200 ± 0.094 $\chi^2/\text{NDF}: 3441.2/13$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

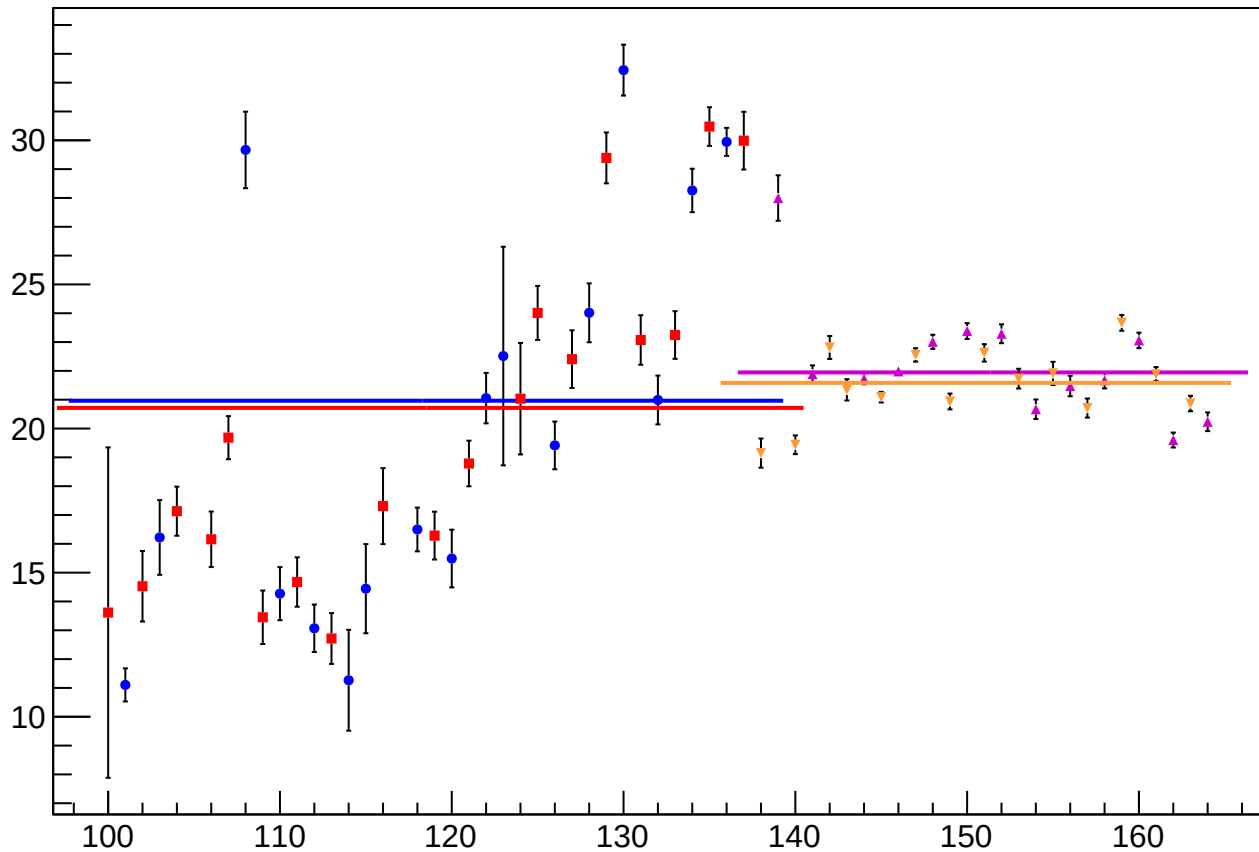
Left In: -9.039 ± 0.087 $\chi^2/\text{NDF}: 4463.0/12$

+ sign -8.739 ± 0.090 $\chi^2/\text{NDF}: 7058.0/30$

All: -8.156 ± 0.062 $\chi^2/\text{NDF}: 15791.3/62$

- sign -7.652 ± 0.084 $\chi^2/\text{NDF}: 8655.9/31$

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: 21.584 $\pm$ 0.077 χ^2 /NDF: 192.8/13

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

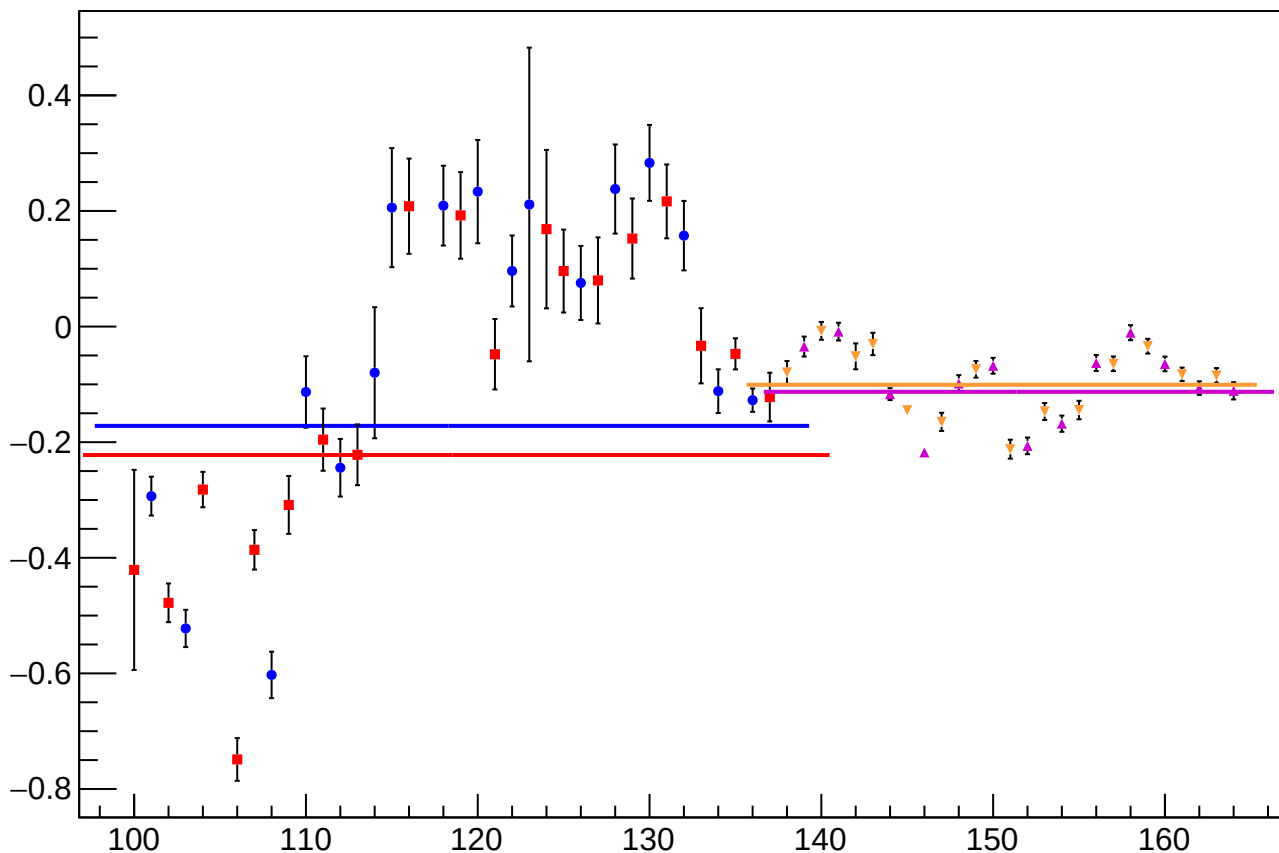
Left In: 21.947 $\pm$ 0.072 χ^2 /NDF: 267.4/12

+ sign 21.509 $\pm$ 0.073 χ^2 /NDF: 1425.9/30

All: 21.675 $\pm$ 0.050 χ^2 /NDF: 2463.1/62

- sign 21.821 $\pm$ 0.068 χ^2 /NDF: 1027.4/31

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.101 ± 0.004 χ^2/NDF : 209.3/13

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

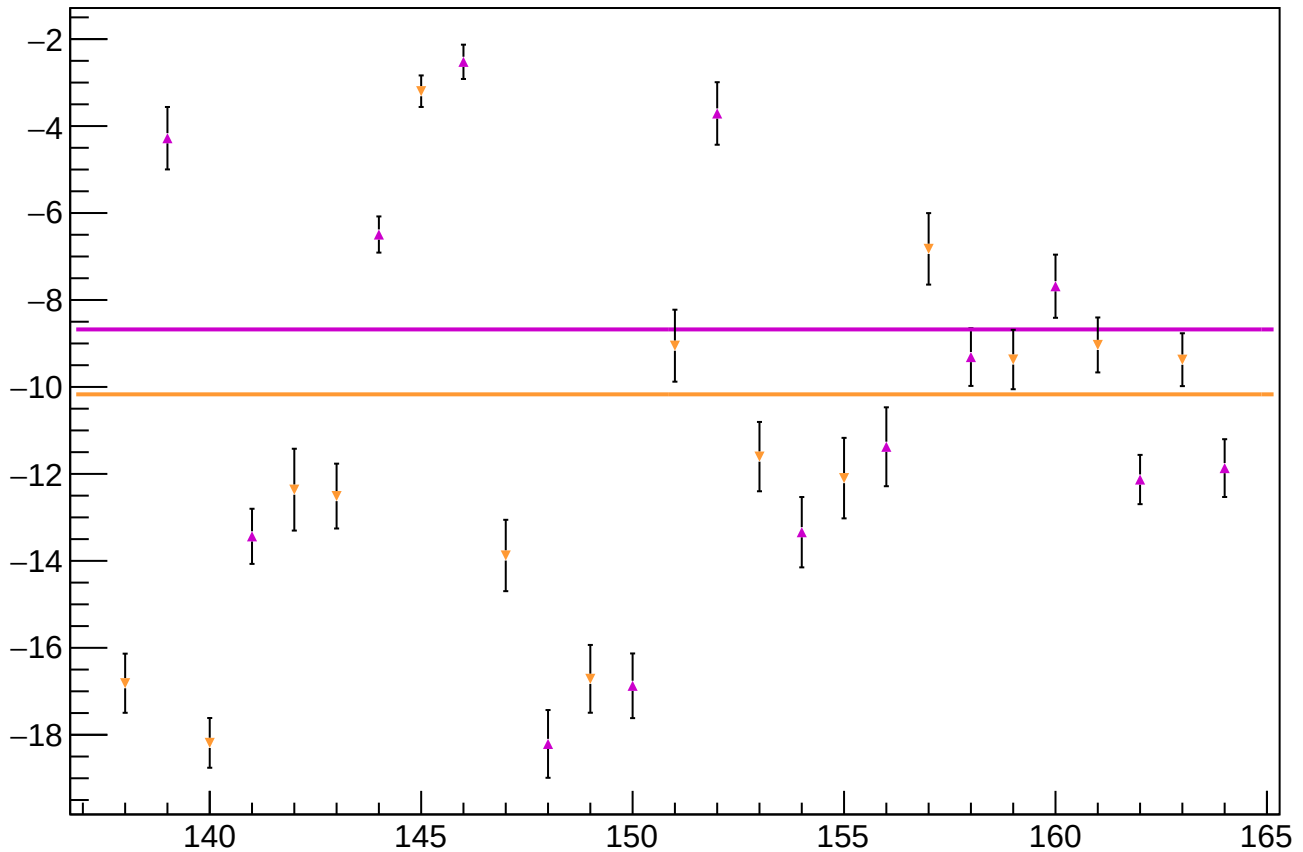
Left In: -0.113 ± 0.004 χ^2/NDF : 380.3/12

+ sign -0.108 ± 0.003 χ^2/NDF : 709.9/30

All: -0.116 ± 0.002 χ^2/NDF : 1727.0/62

- sign -0.123 ± 0.003 χ^2/NDF : 1006.9/31

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.170+/-0.177 χ^2/NDF : 799.7/13

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

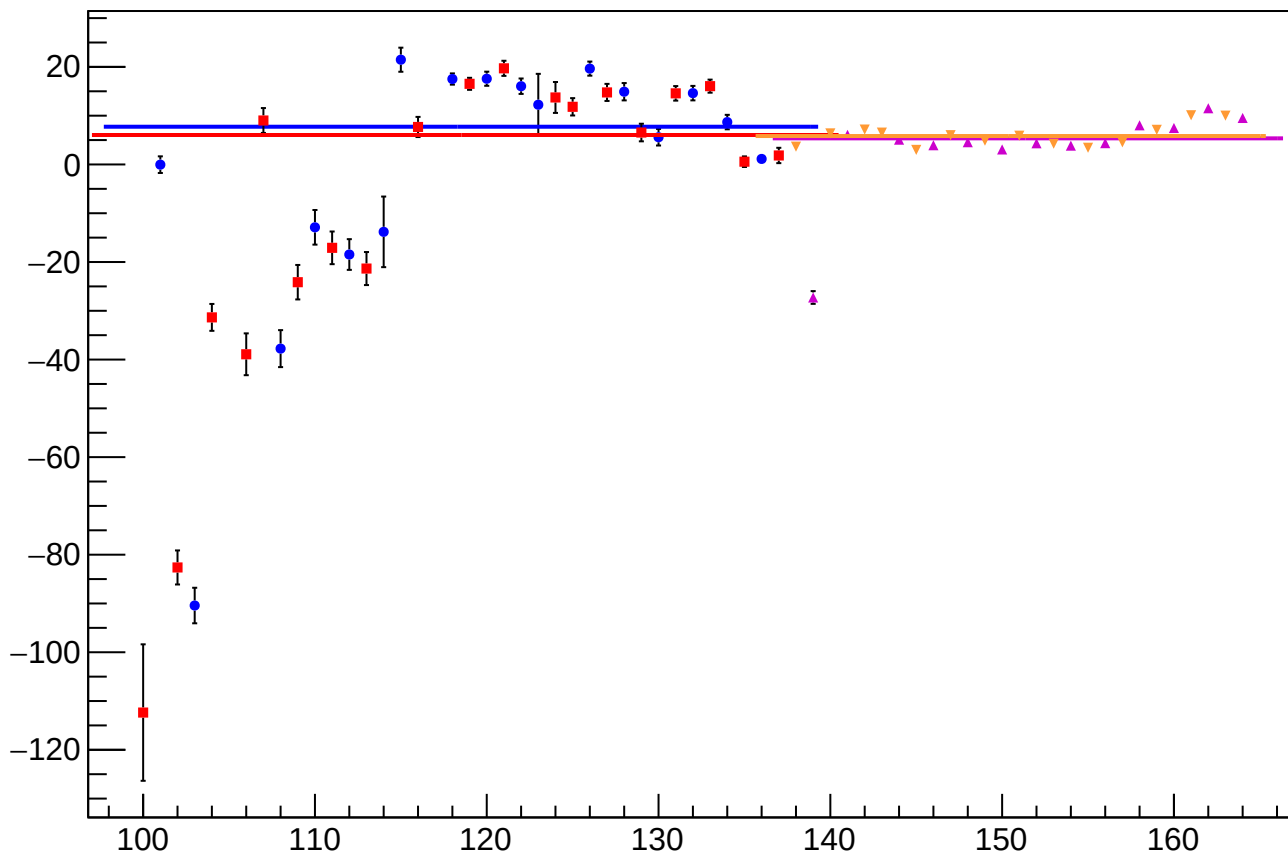
Left In: -8.677+/-0.171 χ^2/NDF : 788.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.397+/-0.123 χ^2/NDF : 1625.2/26

- 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: 5.827 ± 0.125 χ^2/NDF : 330.0/13

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

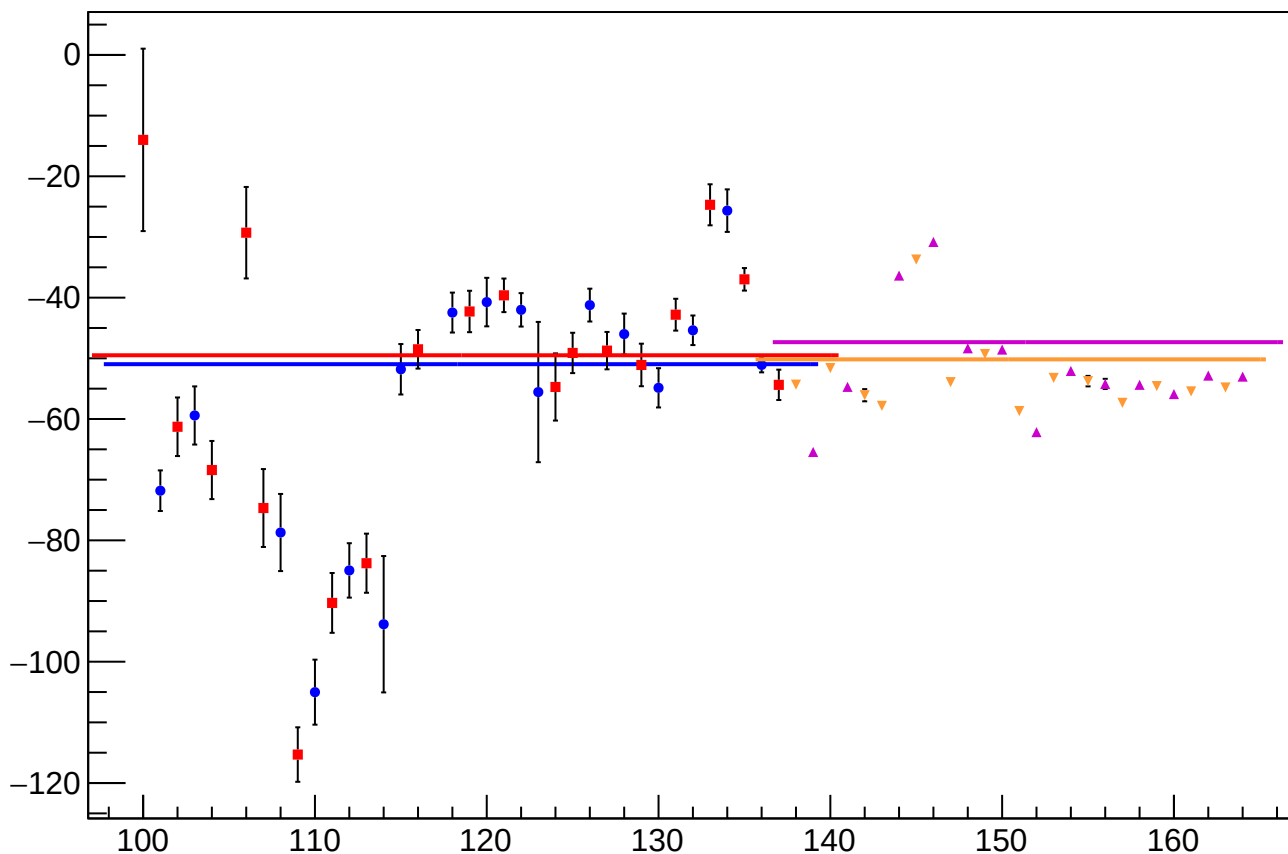
Left In: 5.351 ± 0.119 χ^2/NDF : 995.8/12

+ sign 5.996 ± 0.120 χ^2/NDF : 1708.9/30

All: 5.686 ± 0.083 χ^2/NDF : 4232.1/62

- sign 5.400 ± 0.115 χ^2/NDF : 2510.2/31

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -50.172 ± 0.177 χ^2/NDF : 2419.2/13

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

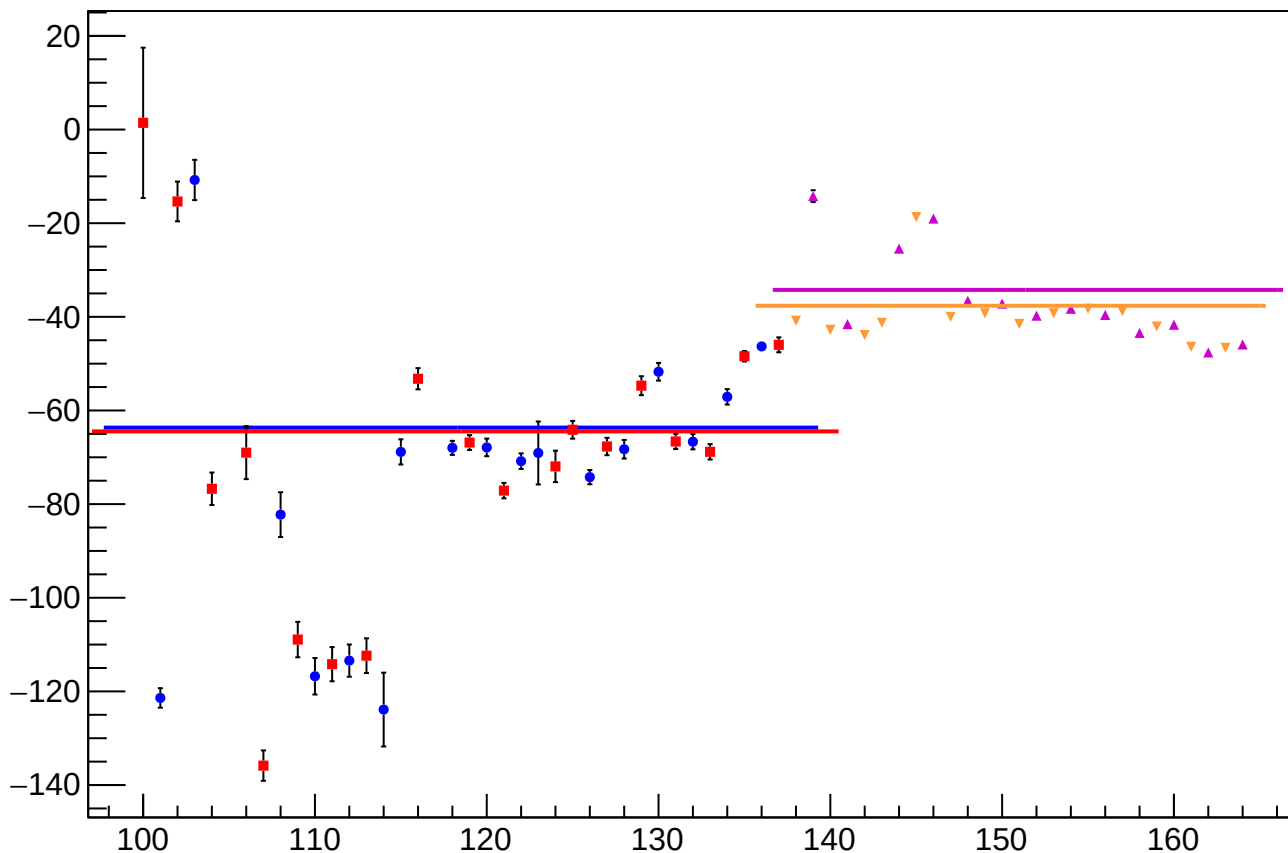
Left In: -47.336 ± 0.167 χ^2/NDF : 4205.5/12

+ sign -50.215 ± 0.172 χ^2/NDF : 2753.0/30

All: -48.755 ± 0.119 χ^2/NDF : 7613.6/62

- sign -47.428 ± 0.164 χ^2/NDF : 4722.9/31

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -37.637 ± 0.146 χ^2/NDF : 4271.9/13

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

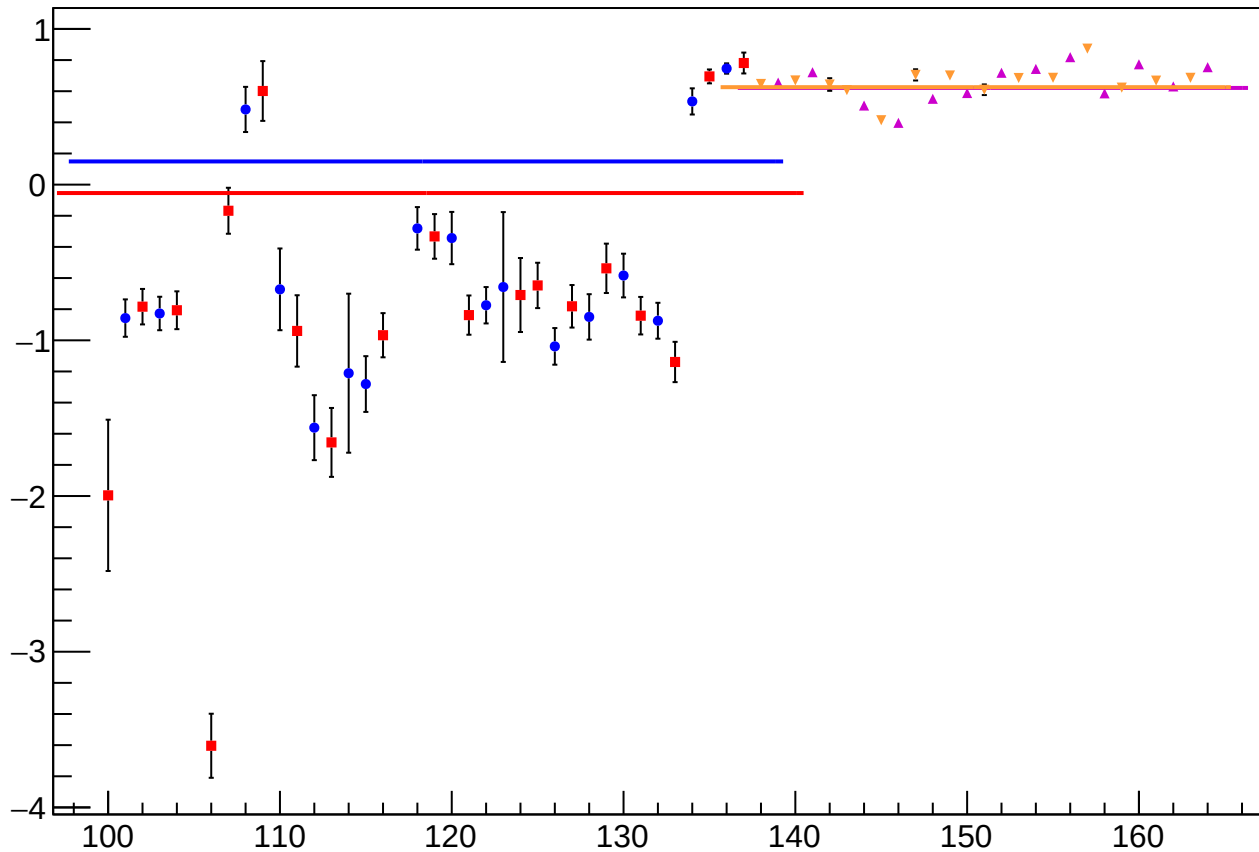
Left In: -34.245 ± 0.140 χ^2/NDF : 5396.6/12

+ sign -40.170 ± 0.139 χ^2/NDF : 9367.4/30

All: -38.319 ± 0.097 χ^2/NDF : 20333.9/62

- sign -36.589 ± 0.134 χ^2/NDF : 10623.2/31

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16

Left Out: 0.626 ± 0.007 χ^2/NDF : 322.9/13

Right Out: -0.054 ± 0.026 χ^2/NDF : 1167.9/18

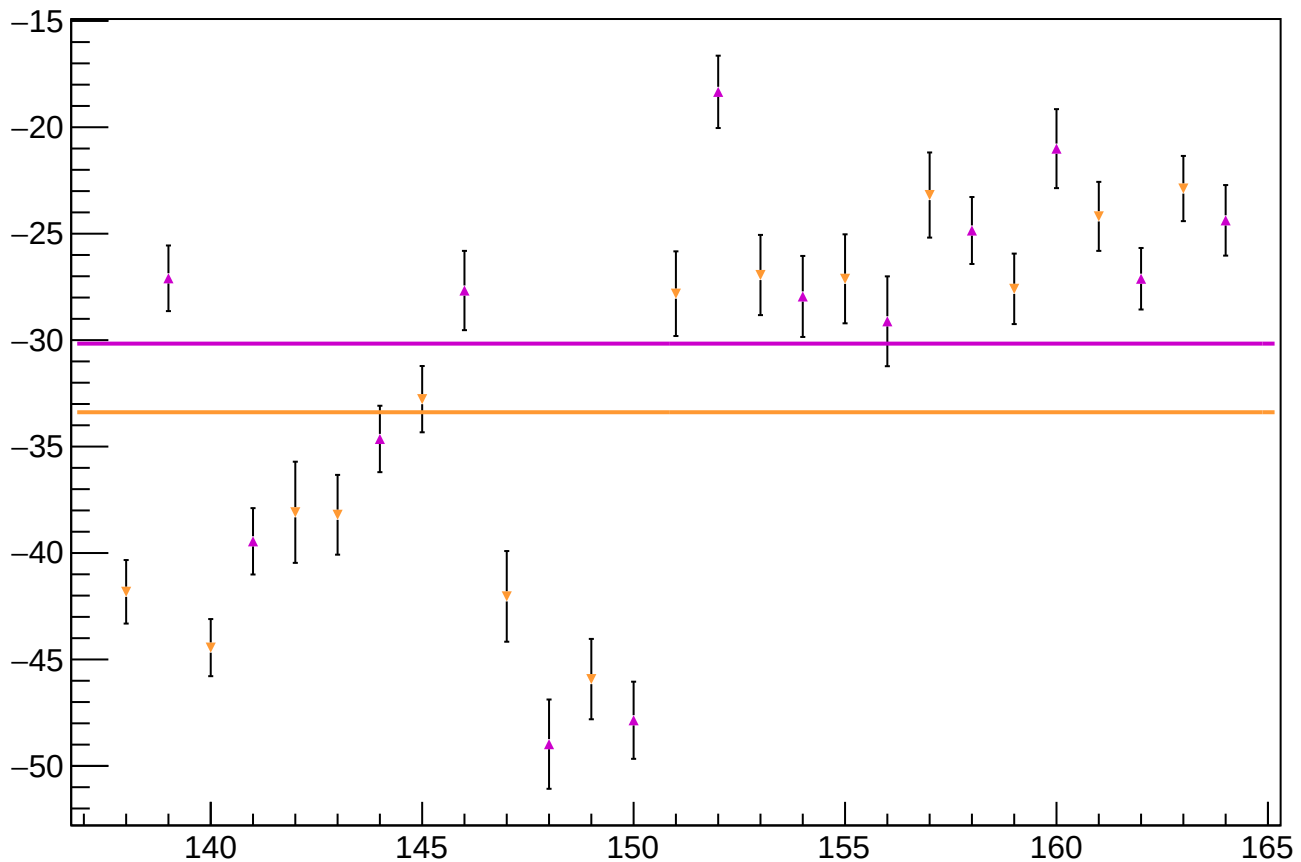
Left In: 0.621 ± 0.007 χ^2/NDF : 362.8/12

+ sign 0.589 ± 0.007 χ^2/NDF : 1678.3/30

All: 0.584 ± 0.005 χ^2/NDF : 3832.7/62

- sign 0.579 ± 0.007 χ^2/NDF : 2153.3/31

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -33.387+/-0.468 χ^2/NDF : 317.3/13

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

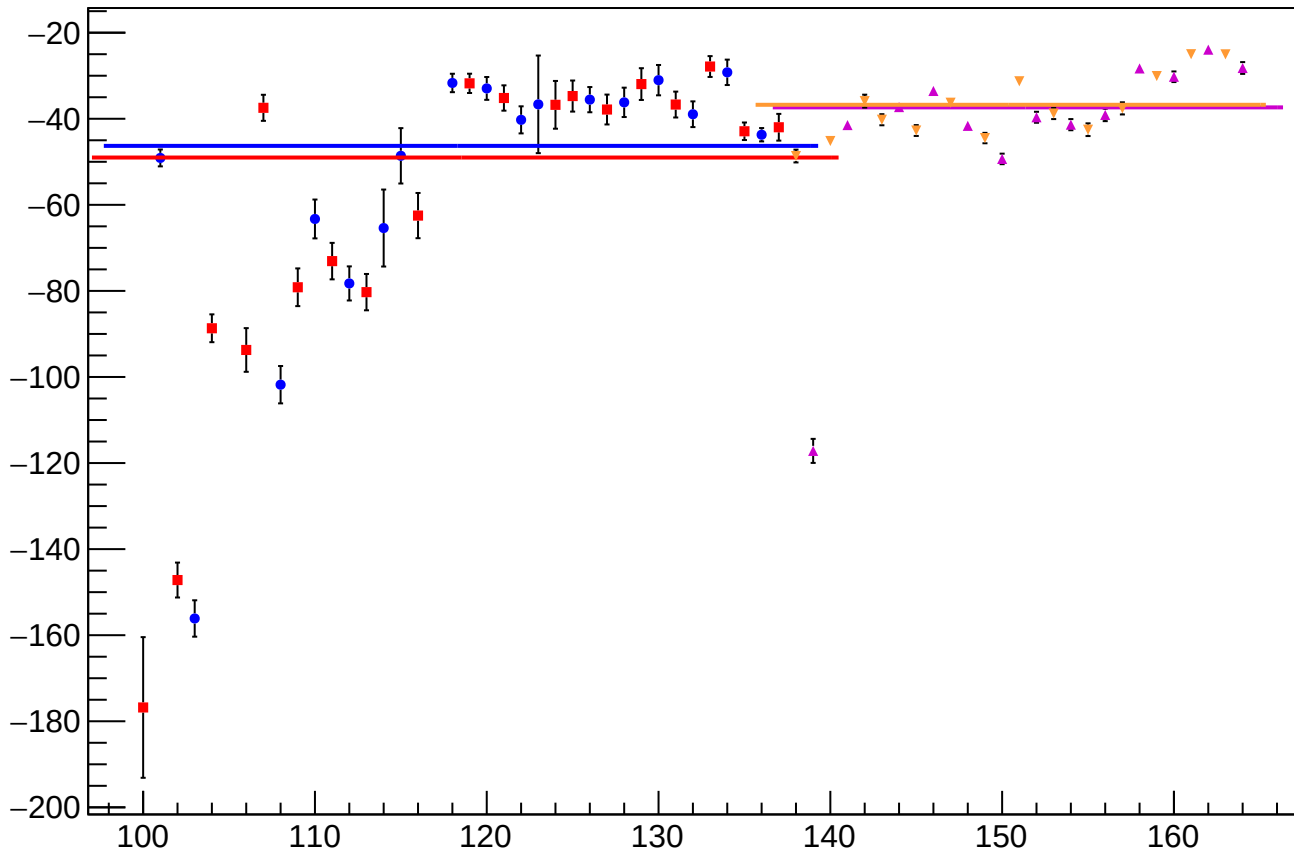
Left In: -30.164+/-0.474 χ^2/NDF : 327.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.796+/-0.333 χ^2/NDF : 668.5/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -36.754 ± 0.330 χ^2/NDF : 477.0/13

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

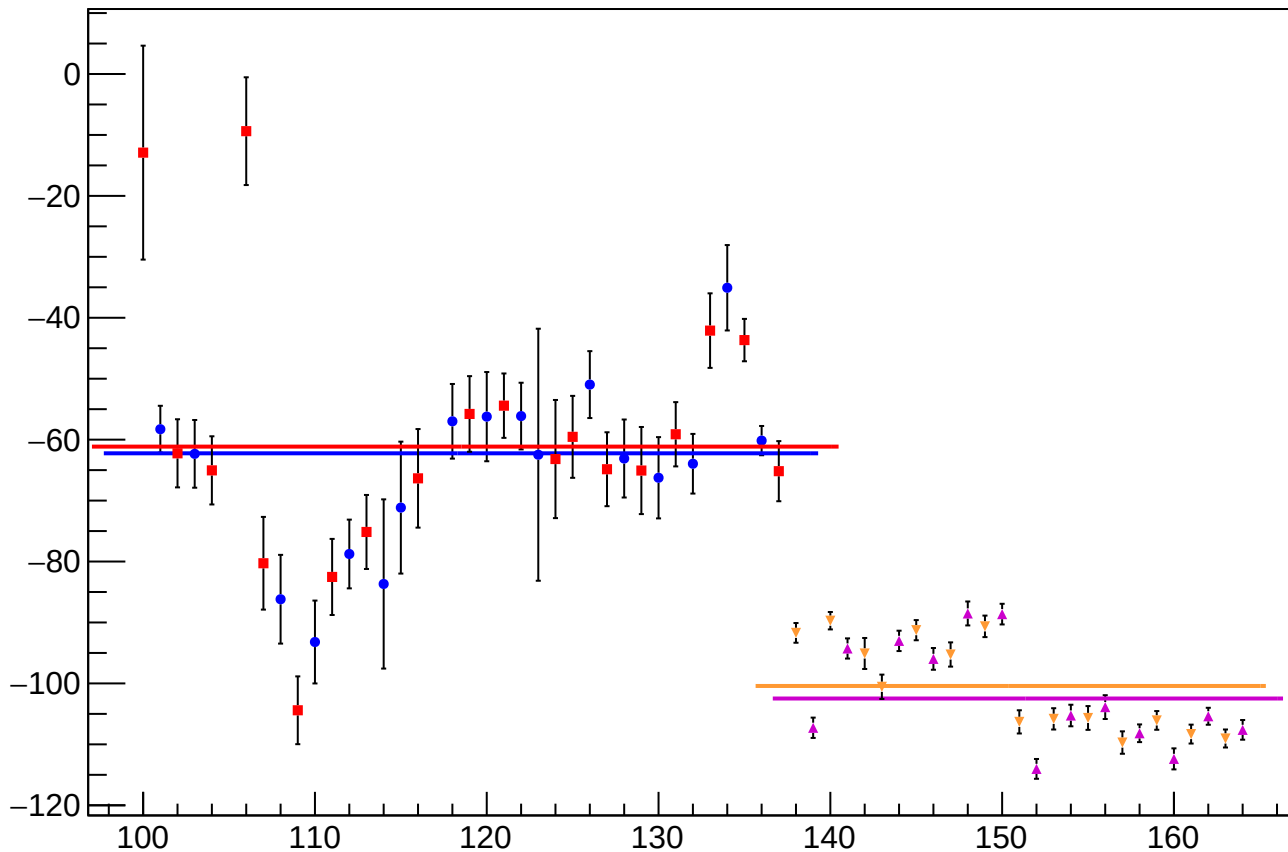
Left In: -37.357 ± 0.341 χ^2/NDF : 1251.8/12

+ sign -38.402 ± 0.300 χ^2/NDF : 1705.3/30

All: -38.831 ± 0.216 χ^2/NDF : 4427.1/62

- sign -39.292 ± 0.311 χ^2/NDF : 2717.5/31

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -100.419 ± 0.462 χ^2/NDF : 283.1/13

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

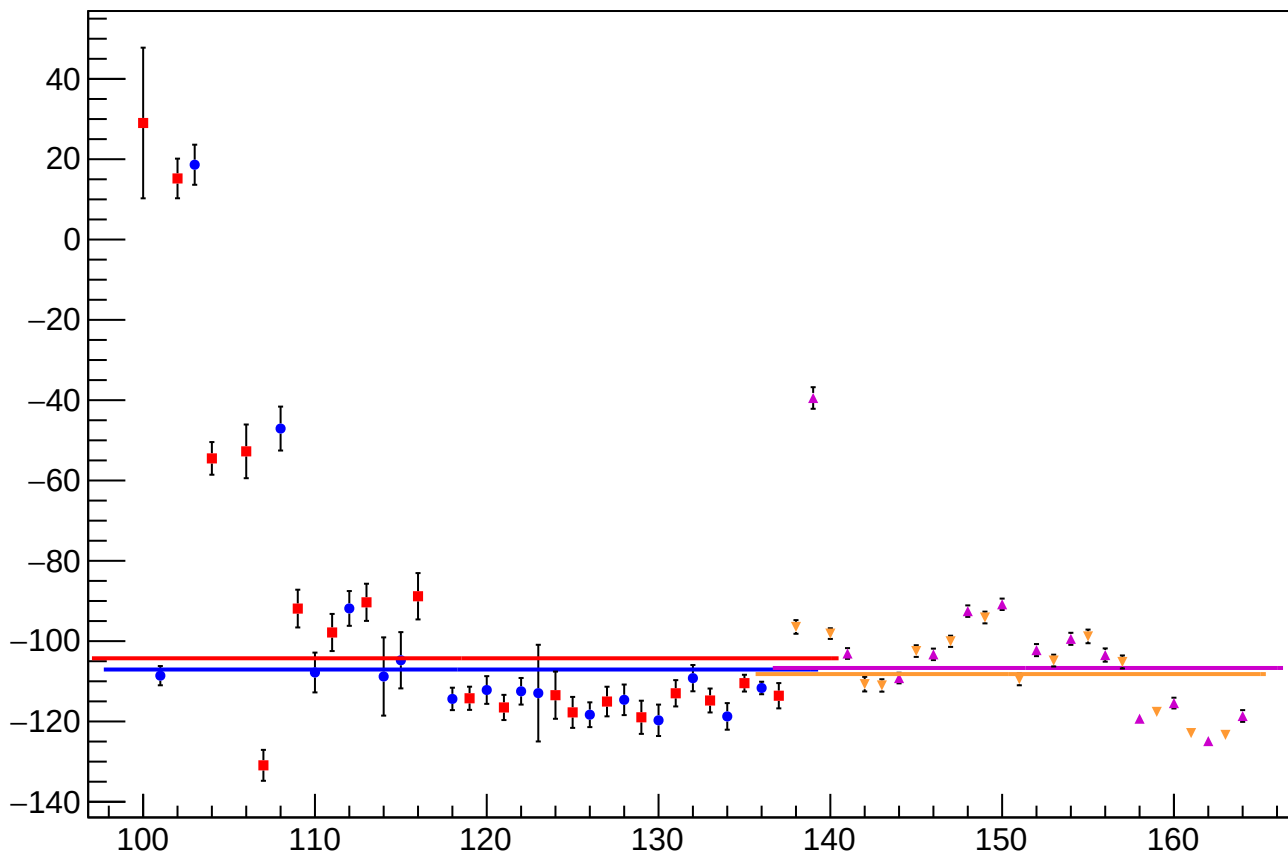
Left In: -102.478 ± 0.463 χ^2/NDF : 311.7/12

+ sign -96.190 ± 0.436 χ^2/NDF : 1105.5/30

All: -97.239 ± 0.309 χ^2/NDF : 2401.7/62

- sign -98.300 ± 0.439 χ^2/NDF : 1284.5/31

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -108.200 ± 0.385 χ^2/NDF : 654.8/13

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

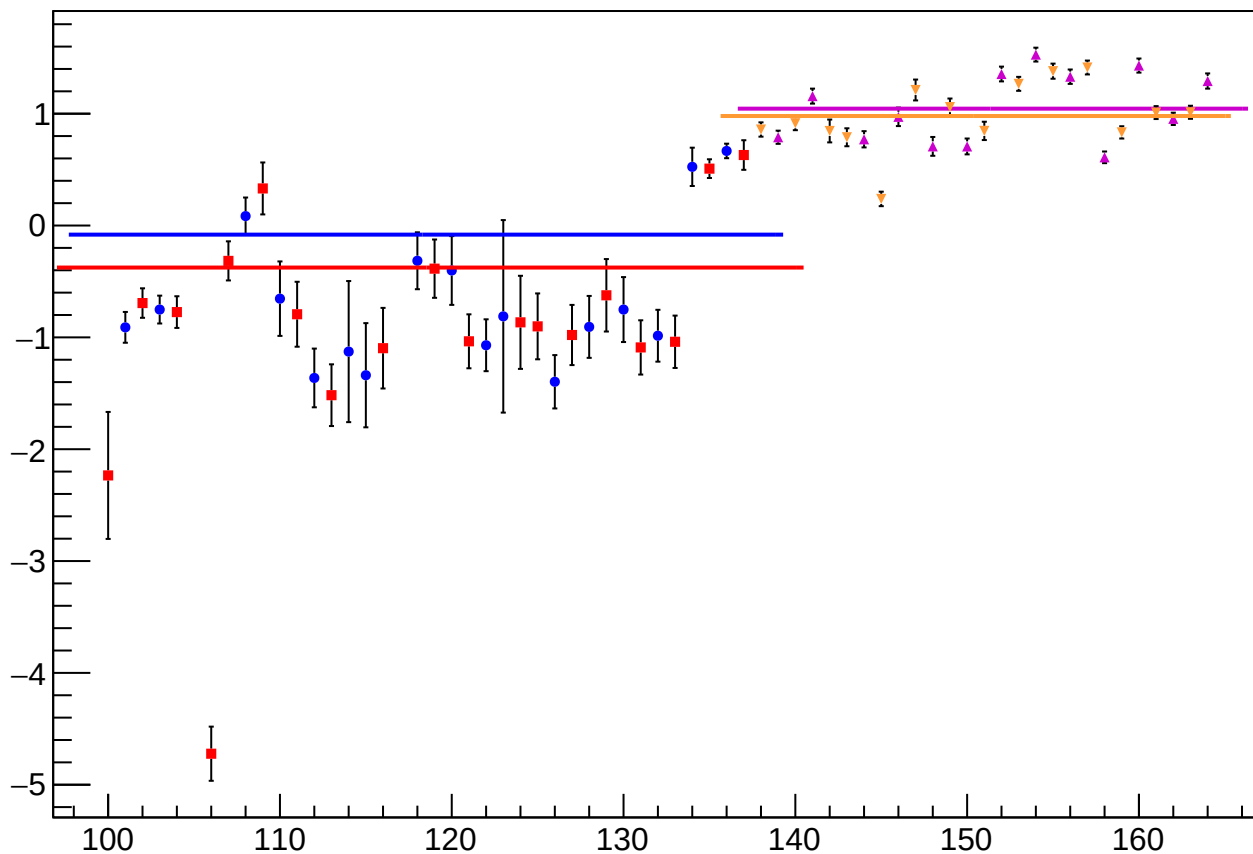
Left In: -106.682 ± 0.393 χ^2/NDF : 1360.7/12

+ sign -107.992 ± 0.348 χ^2/NDF : 1484.8/30

All: -107.154 ± 0.249 χ^2/NDF : 3882.6/62

- sign -106.267 ± 0.357 χ^2/NDF : 2385.8/31

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.979 ± 0.018 χ^2/NDF : 265.4/13

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

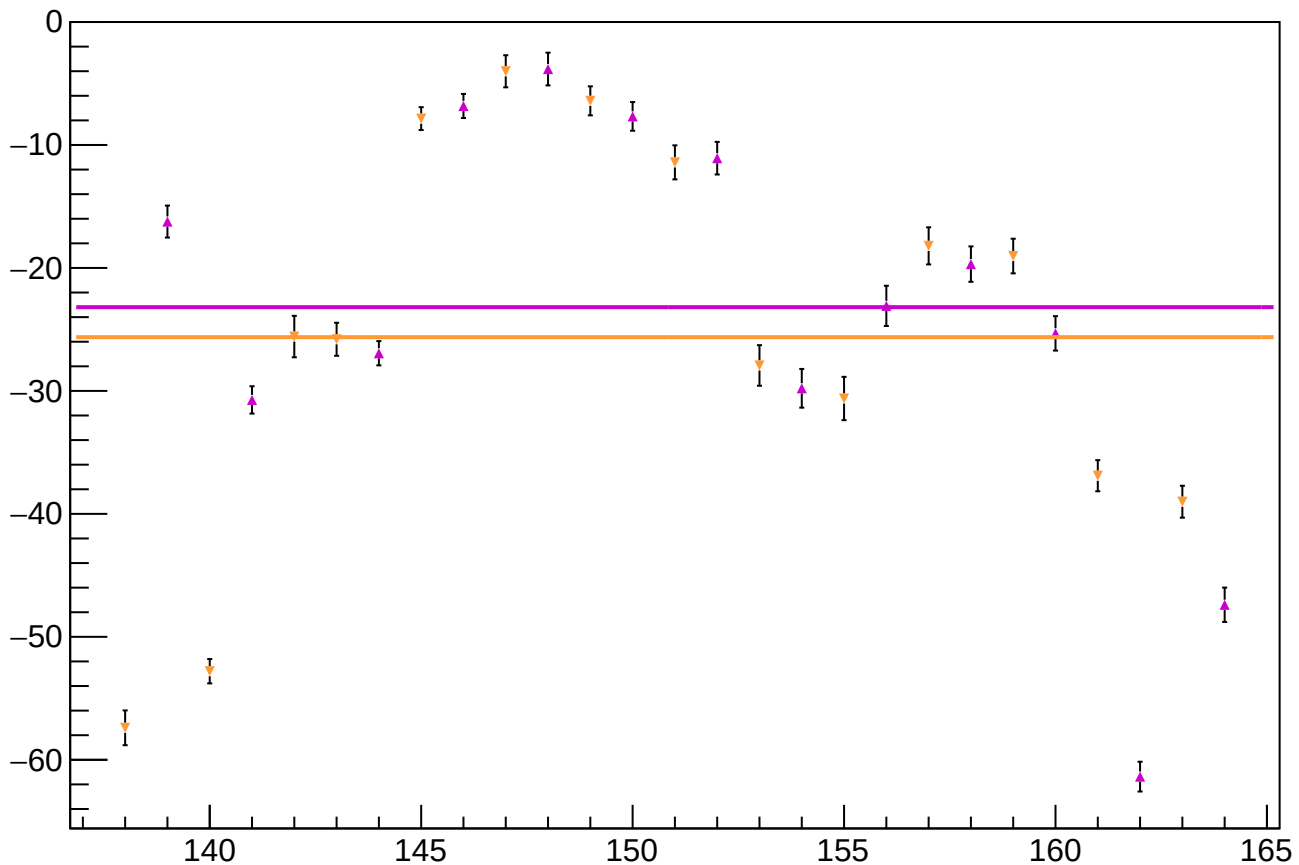
Left In: 1.045 ± 0.018 χ^2/NDF : 300.5/12

+ sign 0.816 ± 0.017 χ^2/NDF : 1129.4/30

All: 0.828 ± 0.012 χ^2/NDF : 2910.9/62

- sign 0.840 ± 0.017 χ^2/NDF : 1780.4/31

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -25.630+/-0.348 χ^2/NDF : 2509.4/13

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

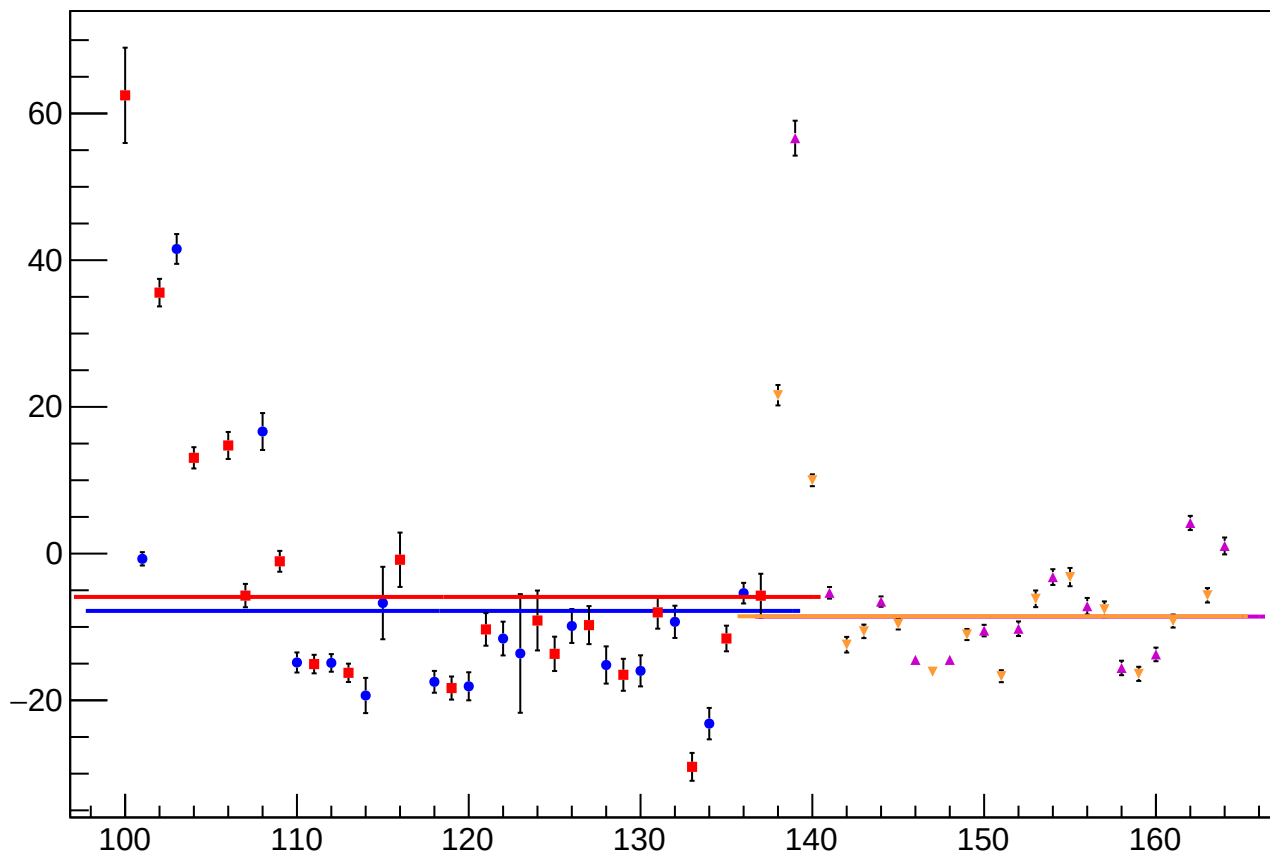
Left In: -23.189+/-0.347 χ^2/NDF : 2160.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.407+/-0.246 χ^2/NDF : 4694.2/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -8.544 ± 0.240 χ^2/NDF : 1370.7/13

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

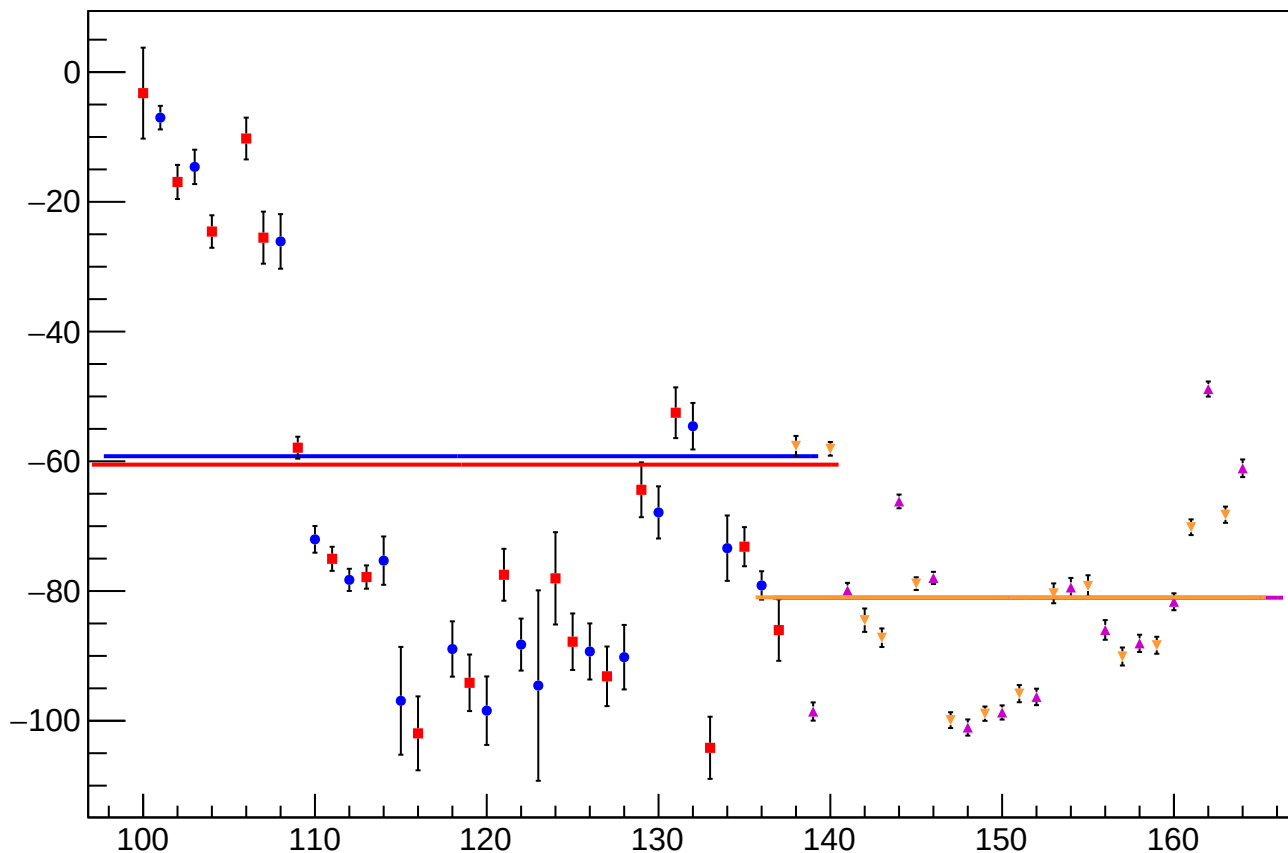
Left In: -8.585 ± 0.242 χ^2/NDF : 1311.1/12

+ sign -8.368 ± 0.209 χ^2/NDF : 2355.7/30

All: -8.155 ± 0.149 χ^2/NDF : 4991.4/62

- sign -7.939 ± 0.211 χ^2/NDF : 2633.7/31

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -80.971 ± 0.344 χ^2/NDF : 1621.6/13

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

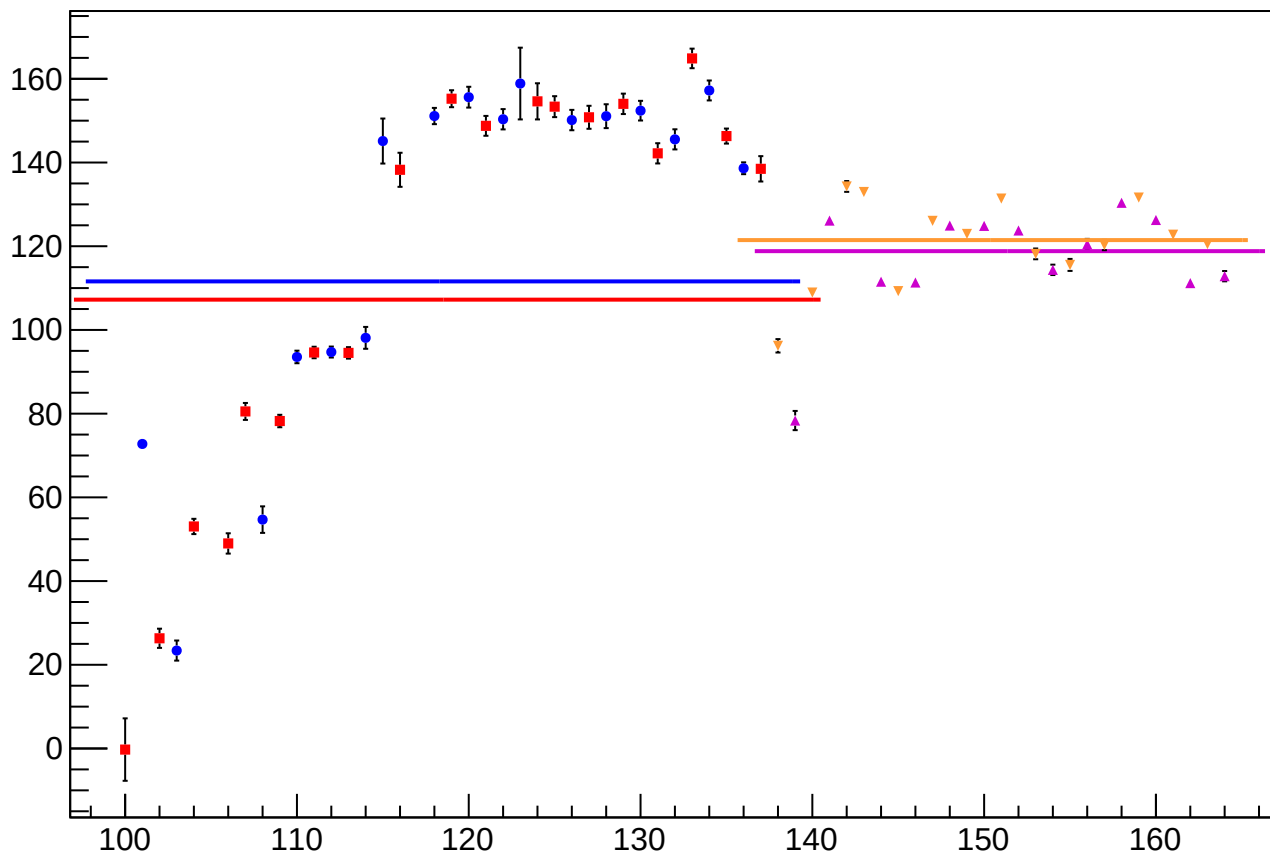
Left In: -81.027 ± 0.339 χ^2/NDF : 2046.2/12

+ sign -77.133 ± 0.312 χ^2/NDF : 4046.8/30

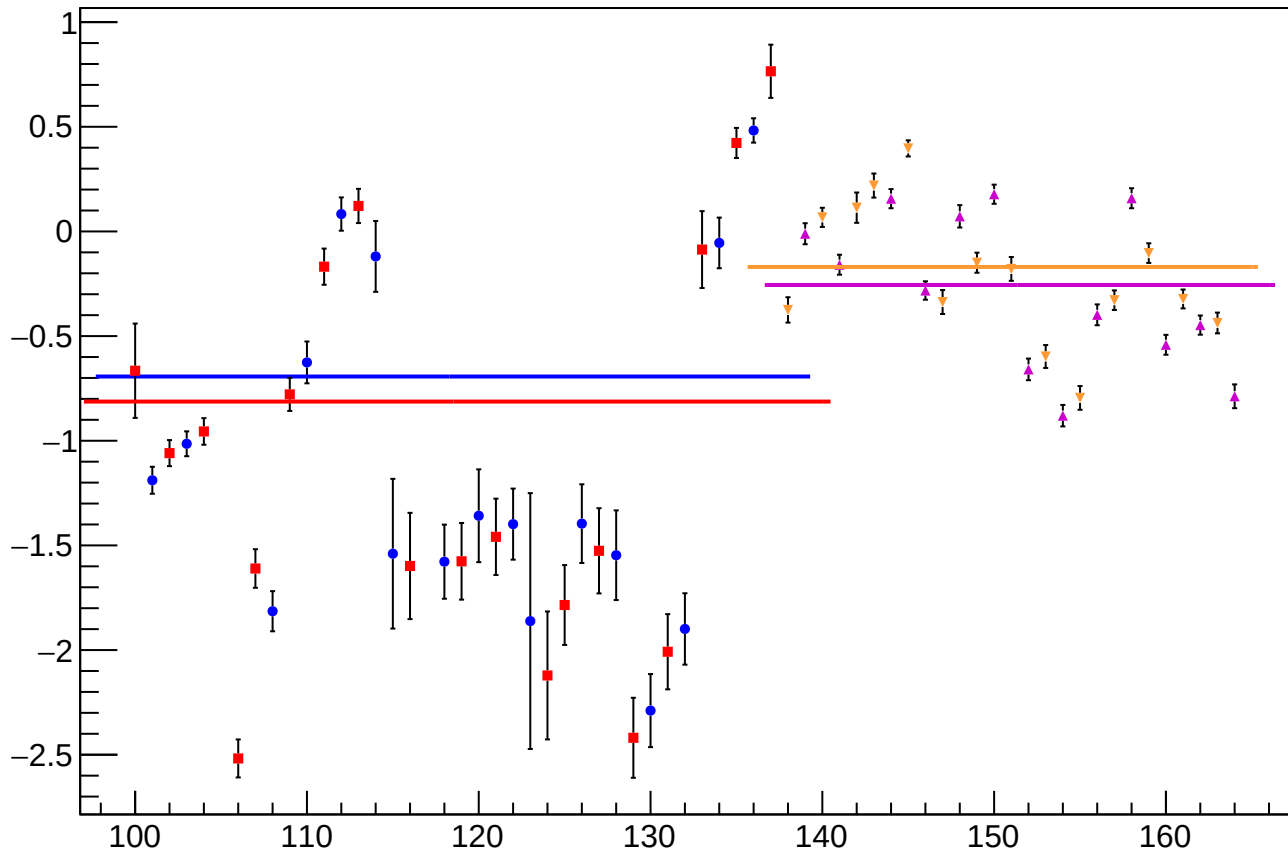
All: -77.147 ± 0.218 χ^2/NDF : 8165.6/62

- sign -77.160 ± 0.306 χ^2/NDF : 4118.8/31

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.170 ± 0.014 χ^2/NDF : 559.9/13

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

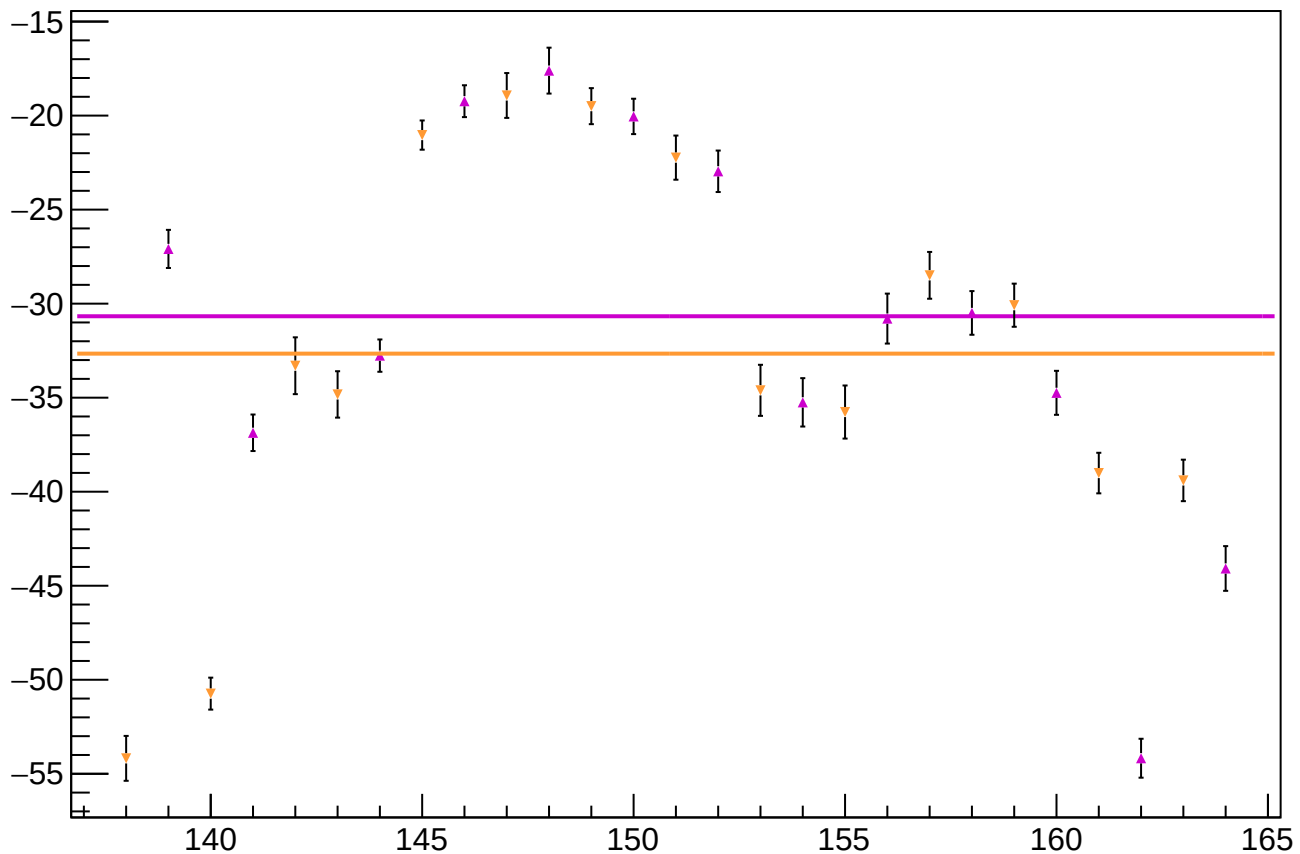
Left In: -0.256 ± 0.014 χ^2/NDF : 671.3/12

+ sign -0.284 ± 0.012 χ^2/NDF : 1875.6/30

All: -0.336 ± 0.008 χ^2/NDF : 4295.8/62

- sign -0.387 ± 0.012 χ^2/NDF : 2382.5/31

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.658+/-0.295 χ^2/NDF :1499.9/13

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

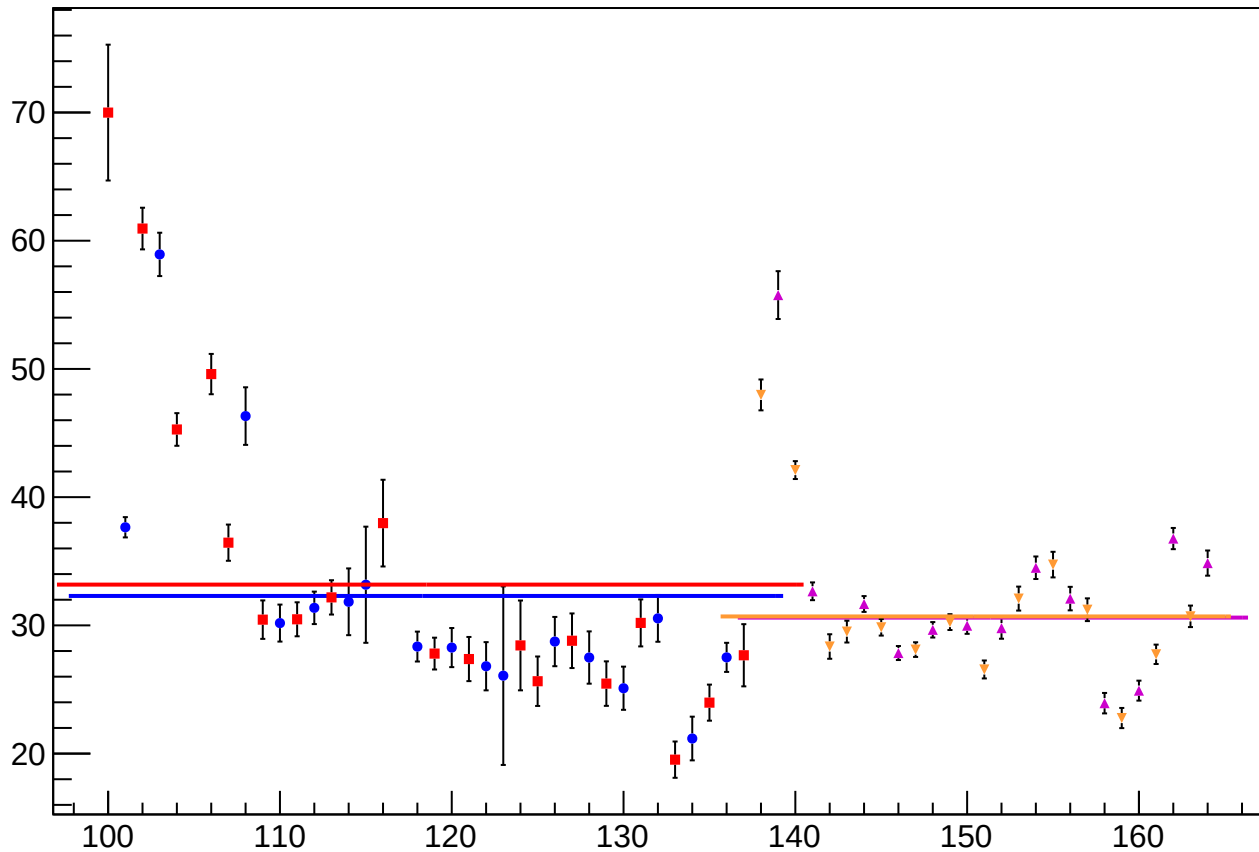
Left In: -30.670+/-0.292 χ^2/NDF :1200.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.655+/-0.208 χ^2/NDF : 2723.2/26

- 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 $\pm$ 0.373 χ^2/NDF : 452.2/16

Left Out: 30.696 $\pm$ 0.206 χ^2/NDF : 675.0/13

Right Out: 33.180 $\pm$ 0.379 χ^2/NDF : 770.3/18

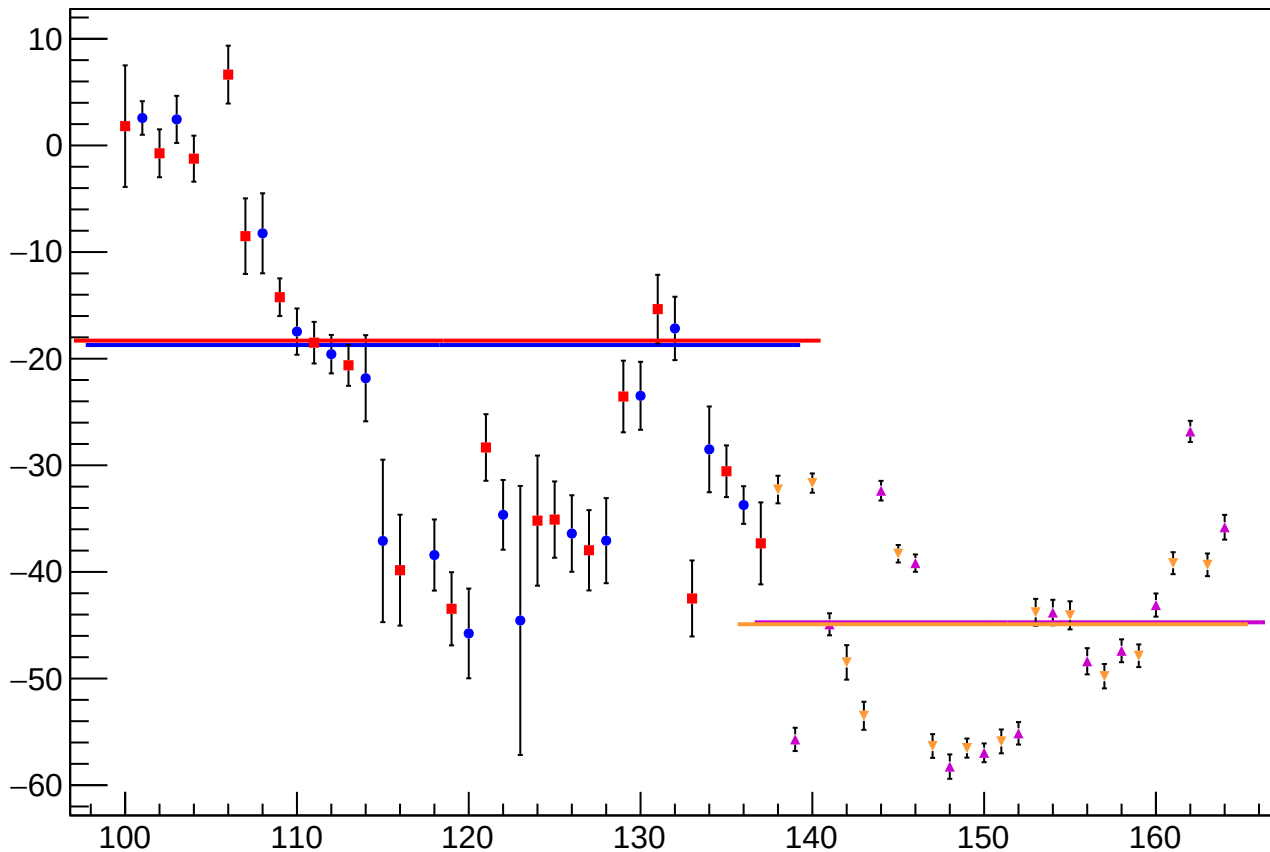
Left In: 30.606 $\pm$ 0.207 χ^2/NDF : 443.7/12

+ sign 31.070 $\pm$ 0.180 χ^2/NDF : 1141.3/30

All: 31.134 $\pm$ 0.128 χ^2/NDF : 2391.0/62

- sign 31.199 $\pm$ 0.182 χ^2/NDF : 1249.4/31

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -44.910 ± 0.291 χ^2/NDF : 876.4/13

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

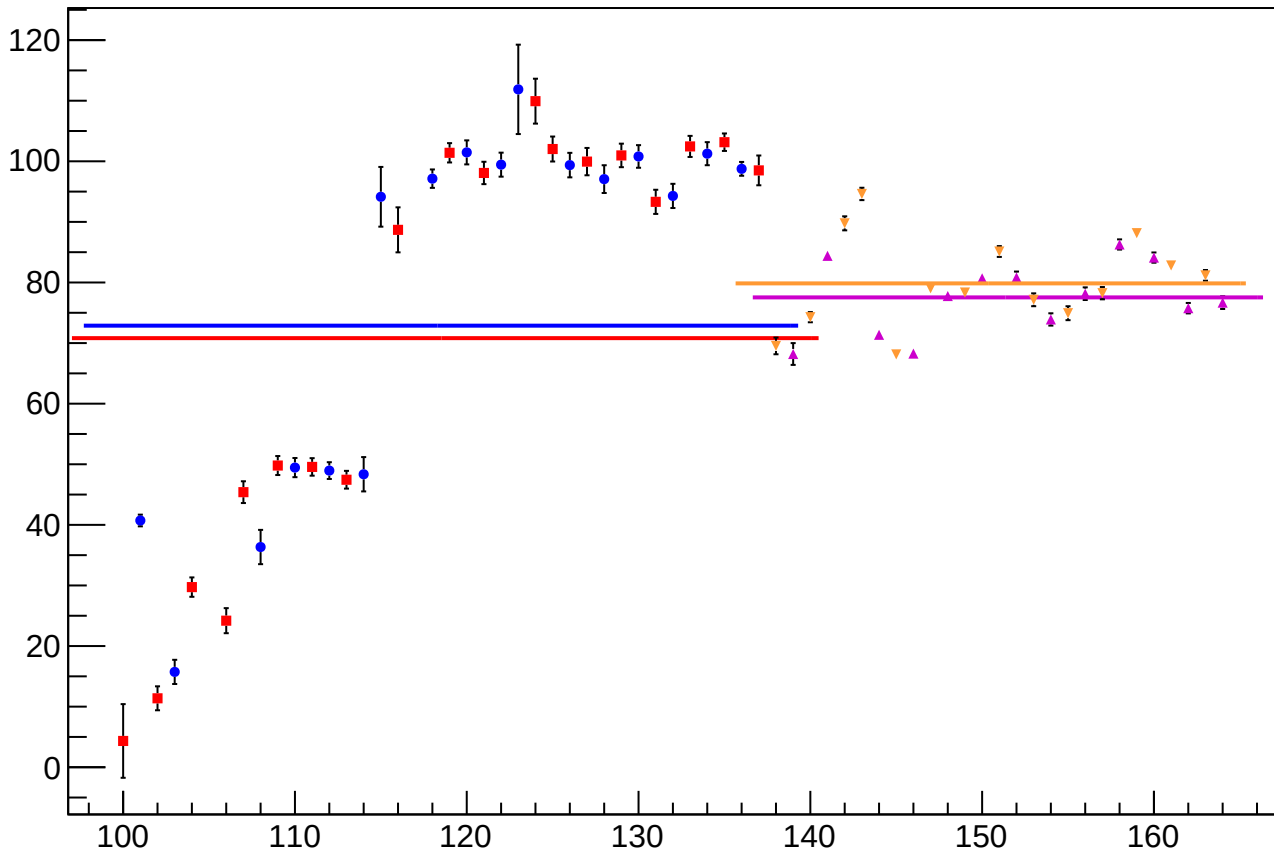
Left In: -44.725 ± 0.286 χ^2/NDF : 1157.5/12

+ sign -40.700 ± 0.267 χ^2/NDF : 2696.1/30

All: -40.533 ± 0.187 χ^2/NDF : 5734.7/62

- sign -40.373 ± 0.261 χ^2/NDF : 3037.9/31

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 ± 0.426 $\chi^2/\text{NDF}: 4737.9/16$

Left Out: 79.851 ± 0.242 $\chi^2/\text{NDF}: 817.0/13$

Right Out: 70.815 ± 0.433 $\chi^2/\text{NDF}: 5489.3/18$

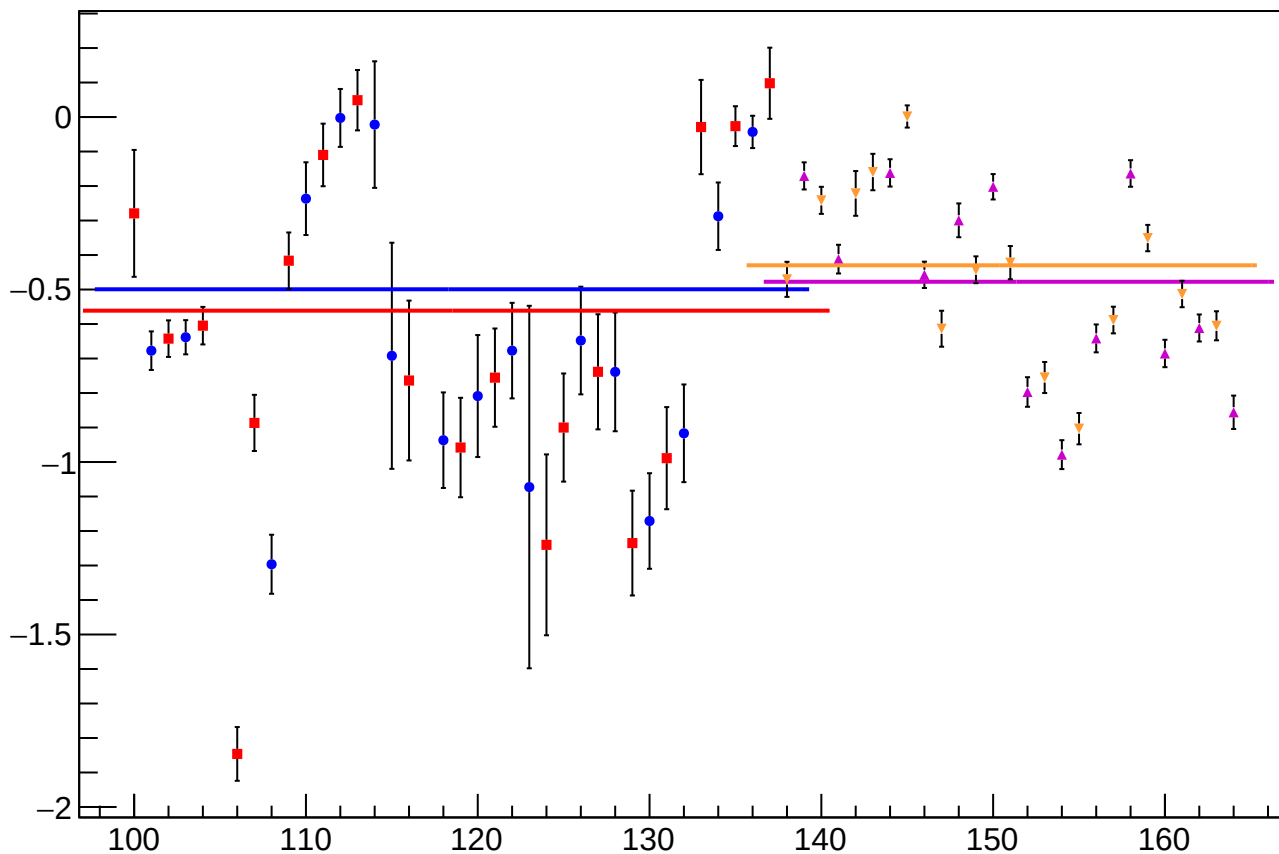
Left In: 77.539 ± 0.242 $\chi^2/\text{NDF}: 571.1/12$

+ sign 78.147 ± 0.210 $\chi^2/\text{NDF}: 5757.8/30$

All: 77.048 ± 0.149 $\chi^2/\text{NDF}: 12056.6/62$

- sign 75.942 ± 0.211 $\chi^2/\text{NDF}: 6244.1/31$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.430 ± 0.011 χ^2/NDF : 456.4/13

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

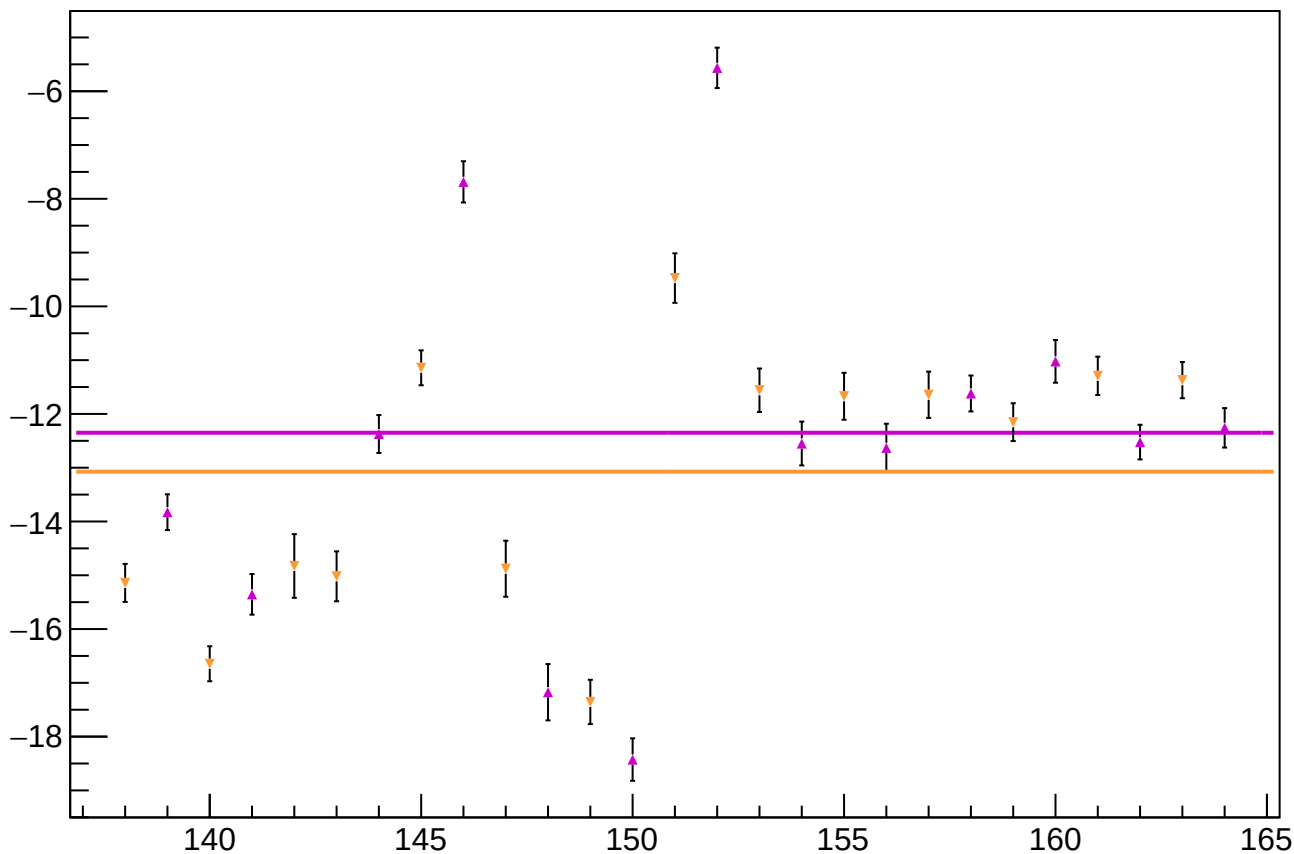
Left In: -0.478 ± 0.011 χ^2/NDF : 578.0/12

+ sign -0.444 ± 0.010 χ^2/NDF : 767.6/30

All: -0.471 ± 0.007 χ^2/NDF : 1932.9/62

- sign -0.496 ± 0.010 χ^2/NDF : 1152.3/31

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: -13.074+/-0.105 χ^2/NDF : 490.6/13

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

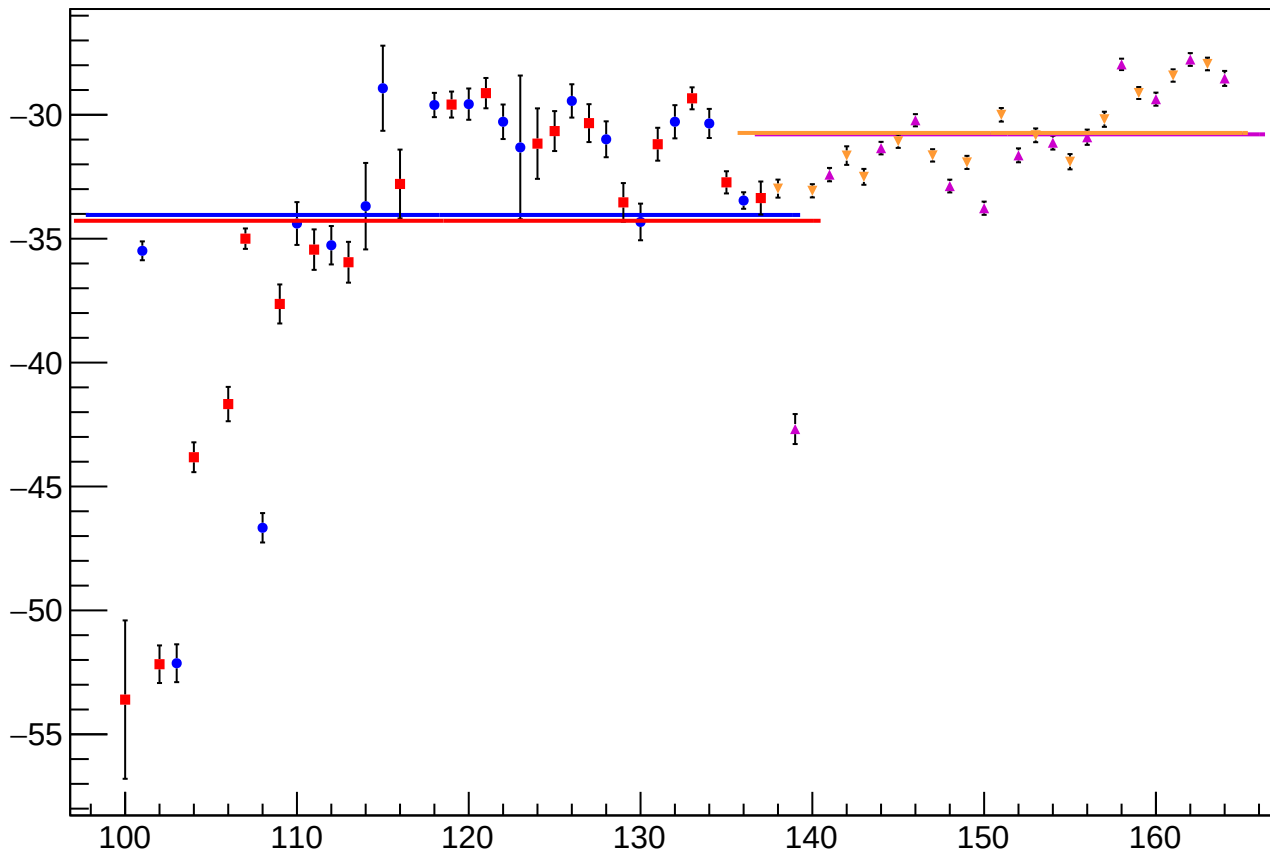
Left In: -12.350+/-0.105 χ^2/NDF : 896.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.709+/-0.074 χ^2/NDF : 1411.1/26

- 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: -30.732 ± 0.075 χ^2/NDF : 458.7/13

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

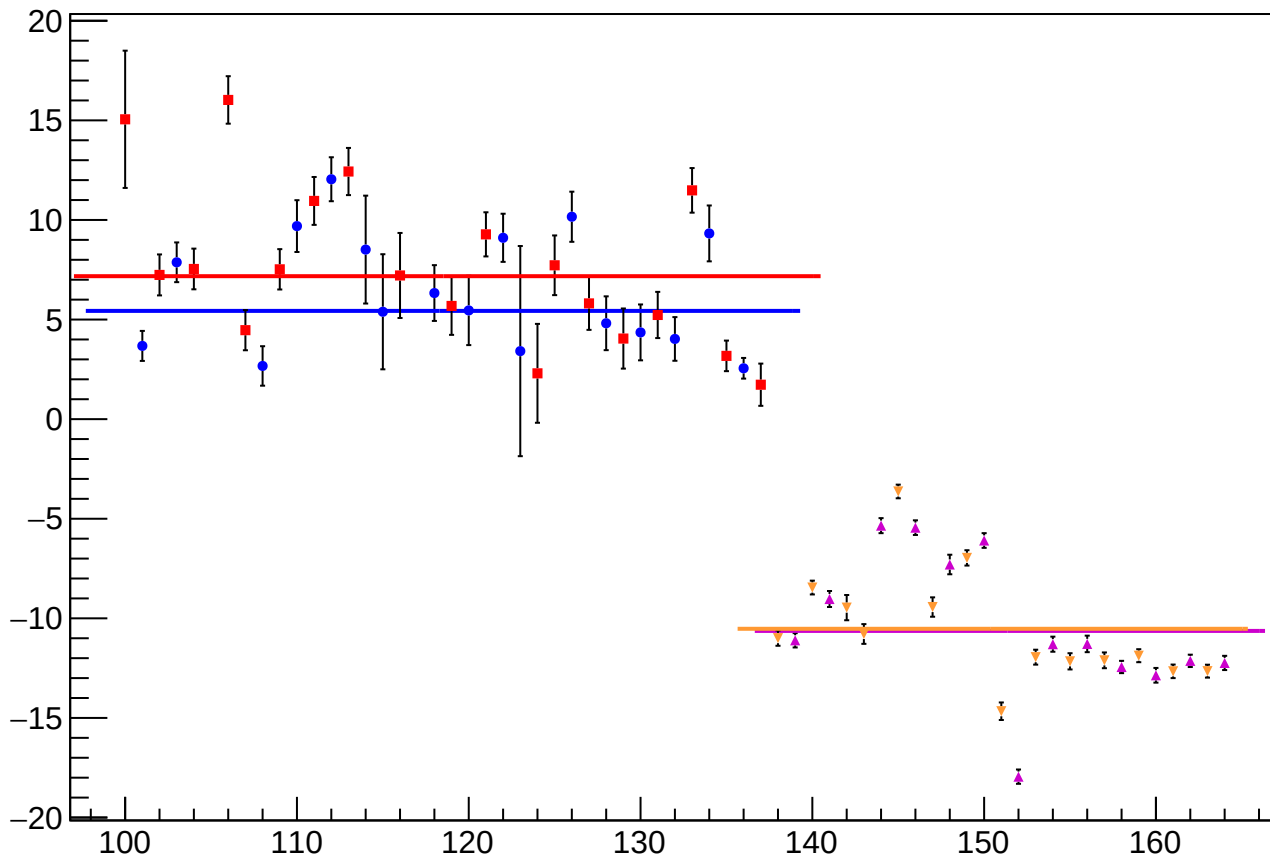
Left In: -30.789 ± 0.076 χ^2/NDF : 1004.0/12

+ sign -31.388 ± 0.067 χ^2/NDF : 2186.3/30

All: -31.442 ± 0.048 χ^2/NDF : 4967.3/62

- sign -31.497 ± 0.068 χ^2/NDF : 2779.7/31

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: -10.525 ± 0.103 χ^2/NDF : 769.0/13

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

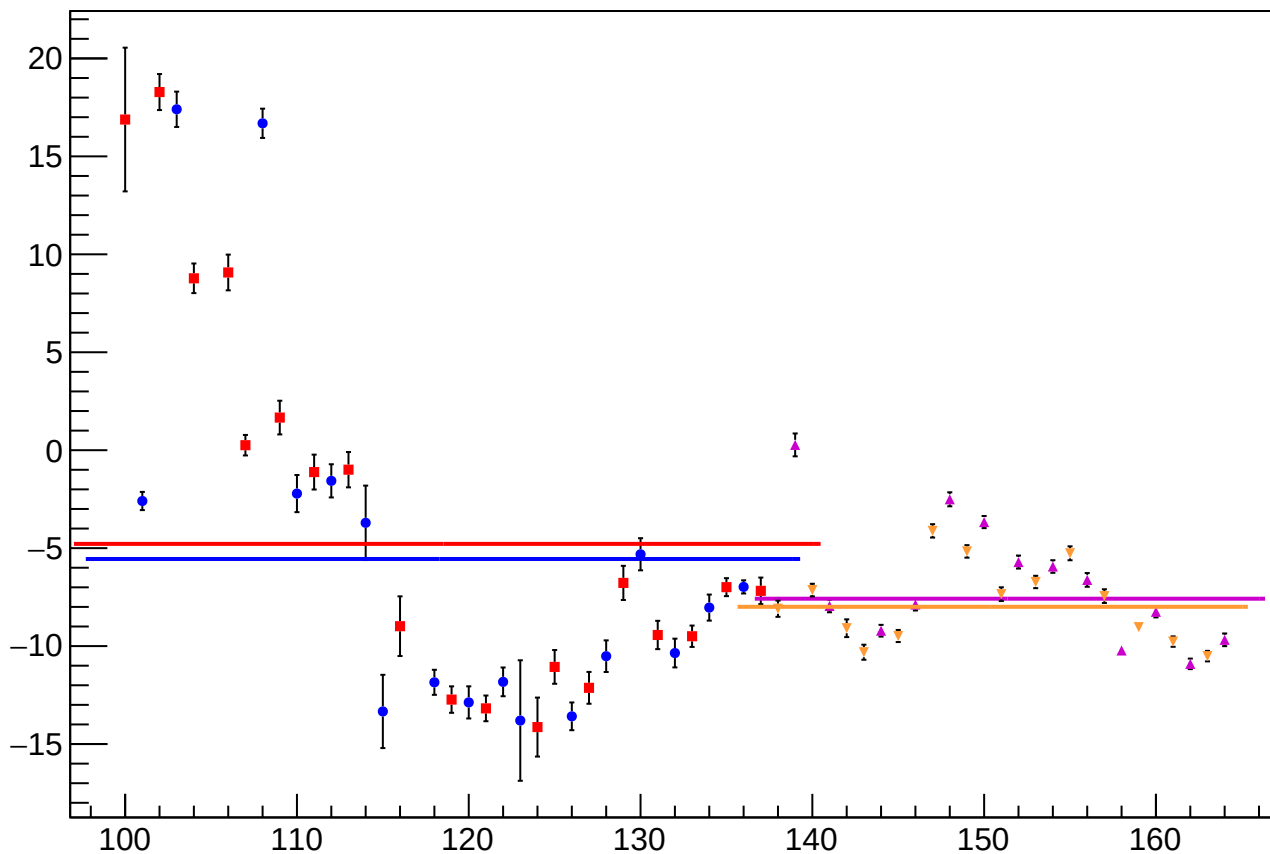
Left In: -10.632 ± 0.102 χ^2/NDF : 1144.8/12

+ sign -8.475 ± 0.097 χ^2/NDF : 3955.9/30

All: -8.474 ± 0.068 χ^2/NDF : 8991.0/62

- sign -8.472 ± 0.095 χ^2/NDF : 5035.1/31

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: -7.995 ± 0.087 $\chi^2/\text{NDF}: 509.0/13$

Right Out: -4.782 ± 0.173 $\chi^2/\text{NDF}: 2040.4/18$

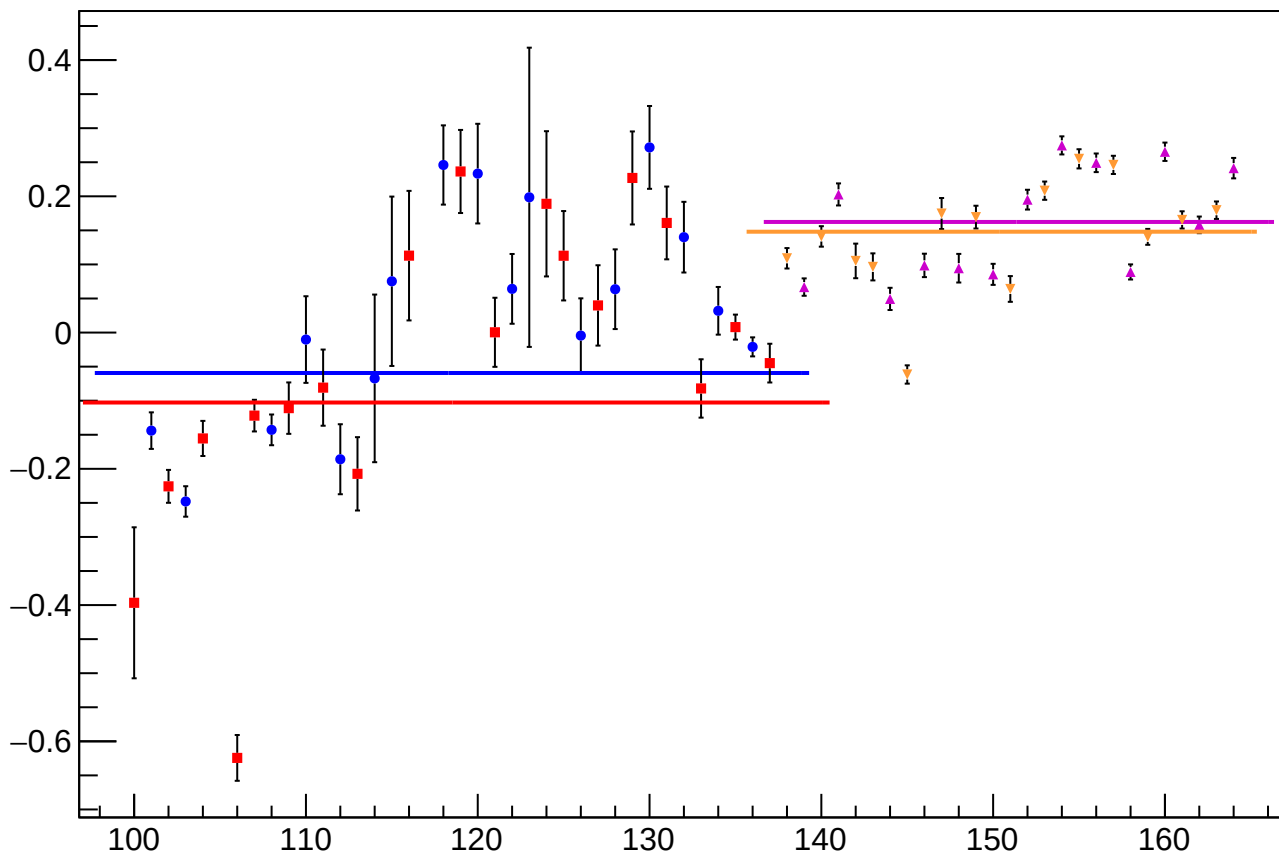
Left In: -7.581 ± 0.087 $\chi^2/\text{NDF}: 958.8/12$

+ sign -7.492 ± 0.077 $\chi^2/\text{NDF}: 2798.3/30$

All: -7.255 ± 0.055 $\chi^2/\text{NDF}: 6025.8/62$

- sign -7.015 ± 0.078 $\chi^2/\text{NDF}: 3208.5/31$

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: 0.148 ± 0.004 χ^2/NDF : 422.5/13

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

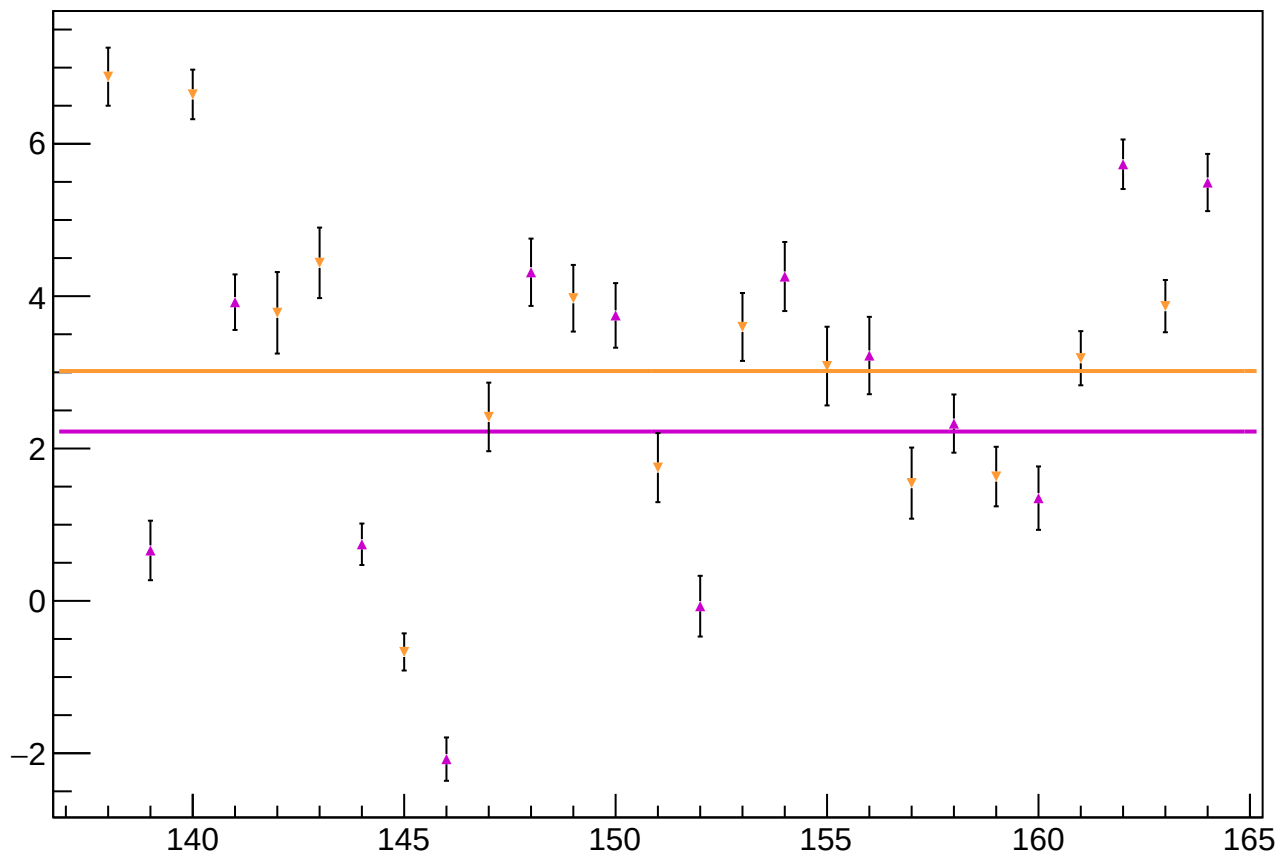
Left In: 0.162 ± 0.004 χ^2/NDF : 406.8/12

+ sign 0.110 ± 0.004 χ^2/NDF : 1138.1/30

All: 0.112 ± 0.003 χ^2/NDF : 2793.5/62

- sign 0.115 ± 0.004 χ^2/NDF : 1654.5/31

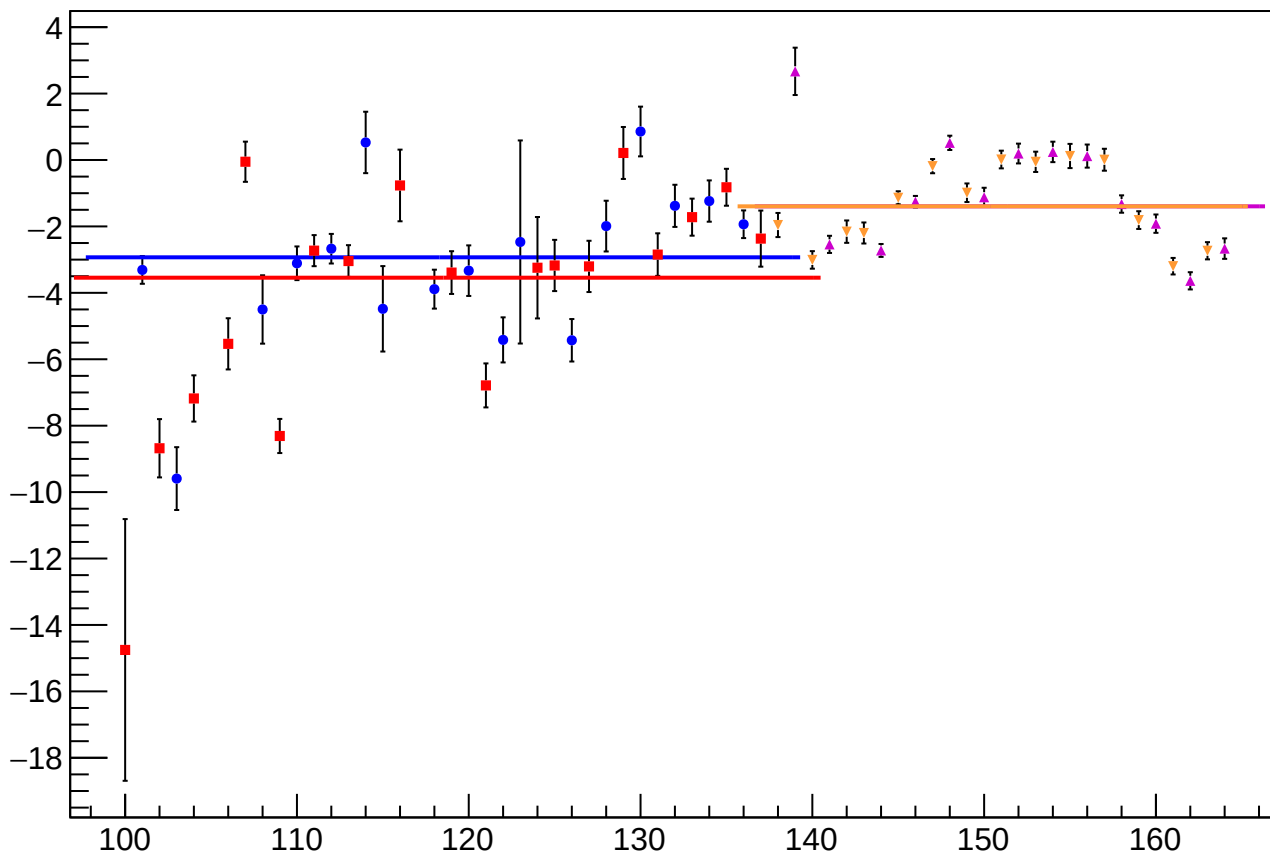
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.017 $\pm$ 0.104 χ^2 /NDF:512.5/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.223 $\pm$ 0.103 χ^2 /NDF:584.7/12

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.615 $\pm$ 0.073 χ^2 /NDF: 1126.8/26
 - 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 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.395 ± 0.073 χ^2/NDF : 251.2/13

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

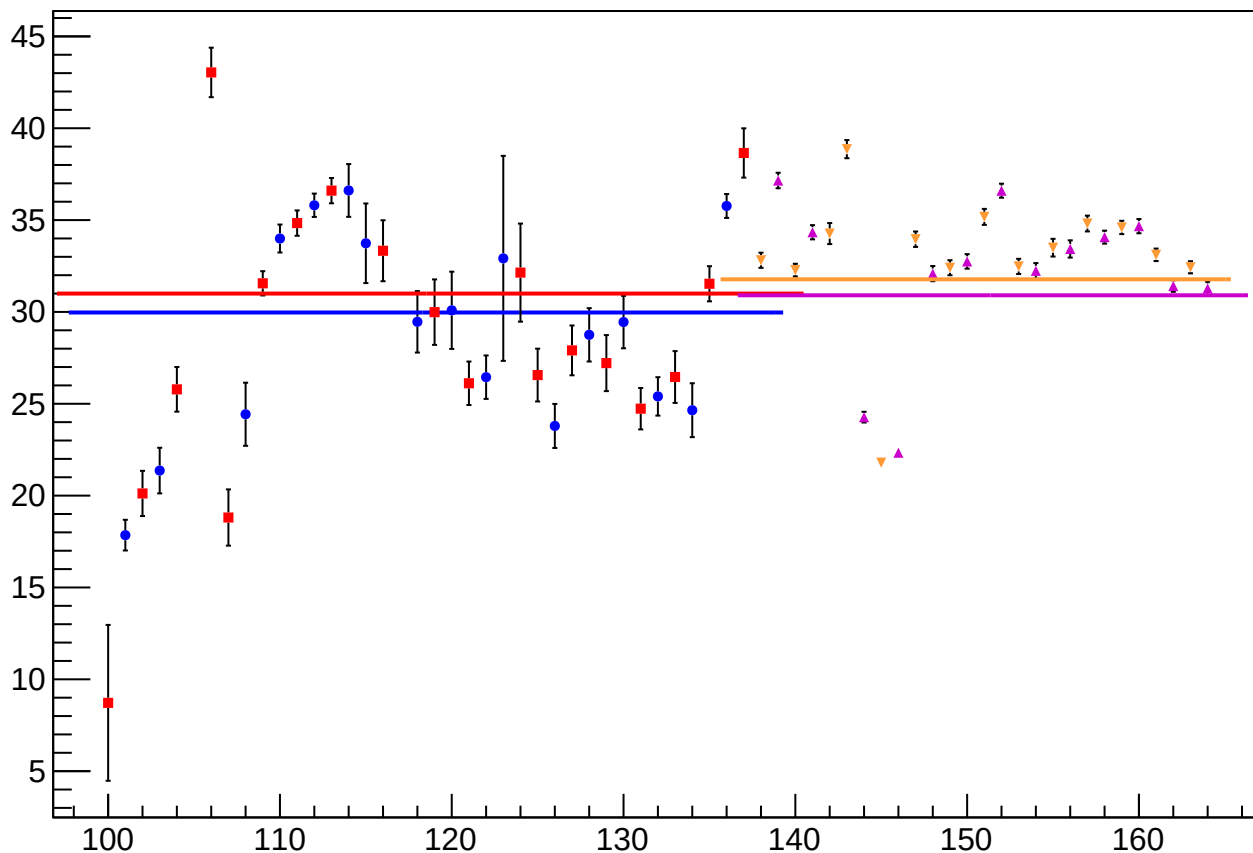
Left In: -1.395 ± 0.072 χ^2/NDF : 350.2/12

+ sign -1.677 ± 0.066 χ^2/NDF : 479.0/30

All: -1.728 ± 0.046 χ^2/NDF : 1280.8/62

- sign -1.778 ± 0.065 χ^2/NDF : 800.7/31

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 ± 0.267 χ^2/NDF : 554.3/16

Left Out: 31.775 ± 0.103 χ^2/NDF : 1946.6/13

Right Out: 31.000 ± 0.260 χ^2/NDF : 479.5/18

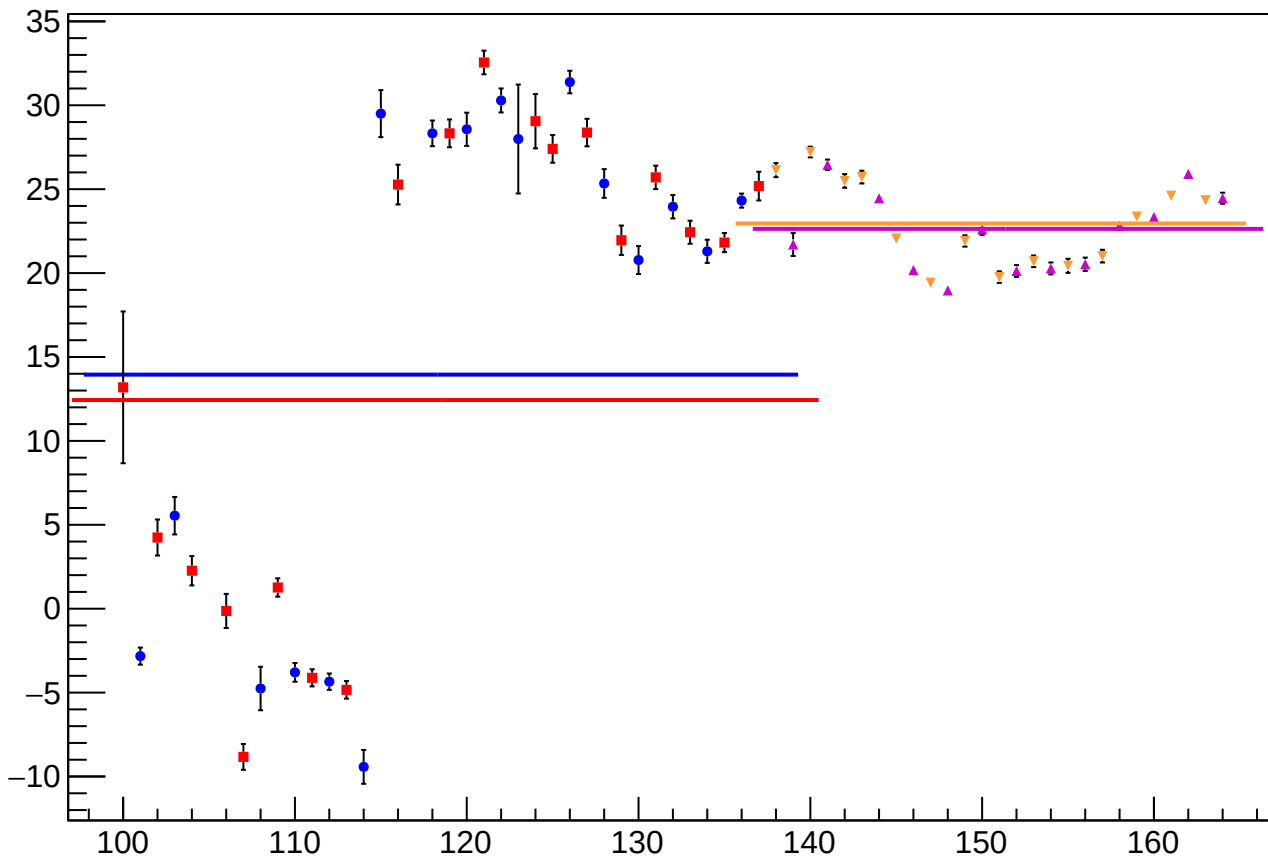
Left In: 30.906 ± 0.100 χ^2/NDF : 2269.7/12

+ sign 31.541 ± 0.096 χ^2/NDF : 2540.8/30

All: 31.222 ± 0.067 χ^2/NDF : 5311.6/62

- sign 30.919 ± 0.094 χ^2/NDF : 2749.3/31

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: 22.957 $\pm$ 0.085 χ^2 /NDF: 751.1/13

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

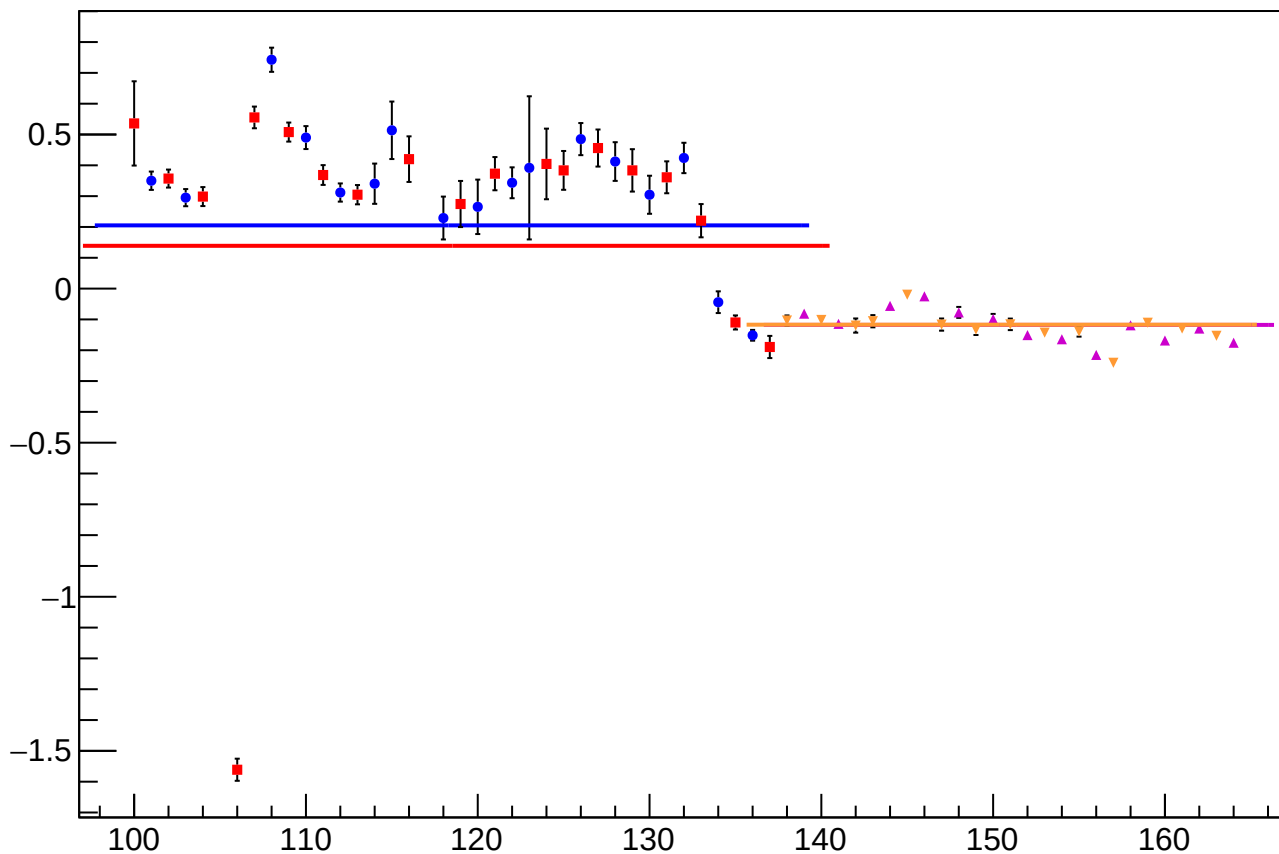
Left In: 22.634 $\pm$ 0.084 χ^2 /NDF: 794.3/12

+ sign 21.179 $\pm$ 0.076 χ^2 /NDF: 10345.8/30

All: 20.936 $\pm$ 0.054 χ^2 /NDF: 20916.8/62

- sign 20.697 $\pm$ 0.076 χ^2 /NDF: 10550.9/31

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.2/16

Left Out: -0.117 $\pm$ 0.004 χ^2 /NDF:180.6/13

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

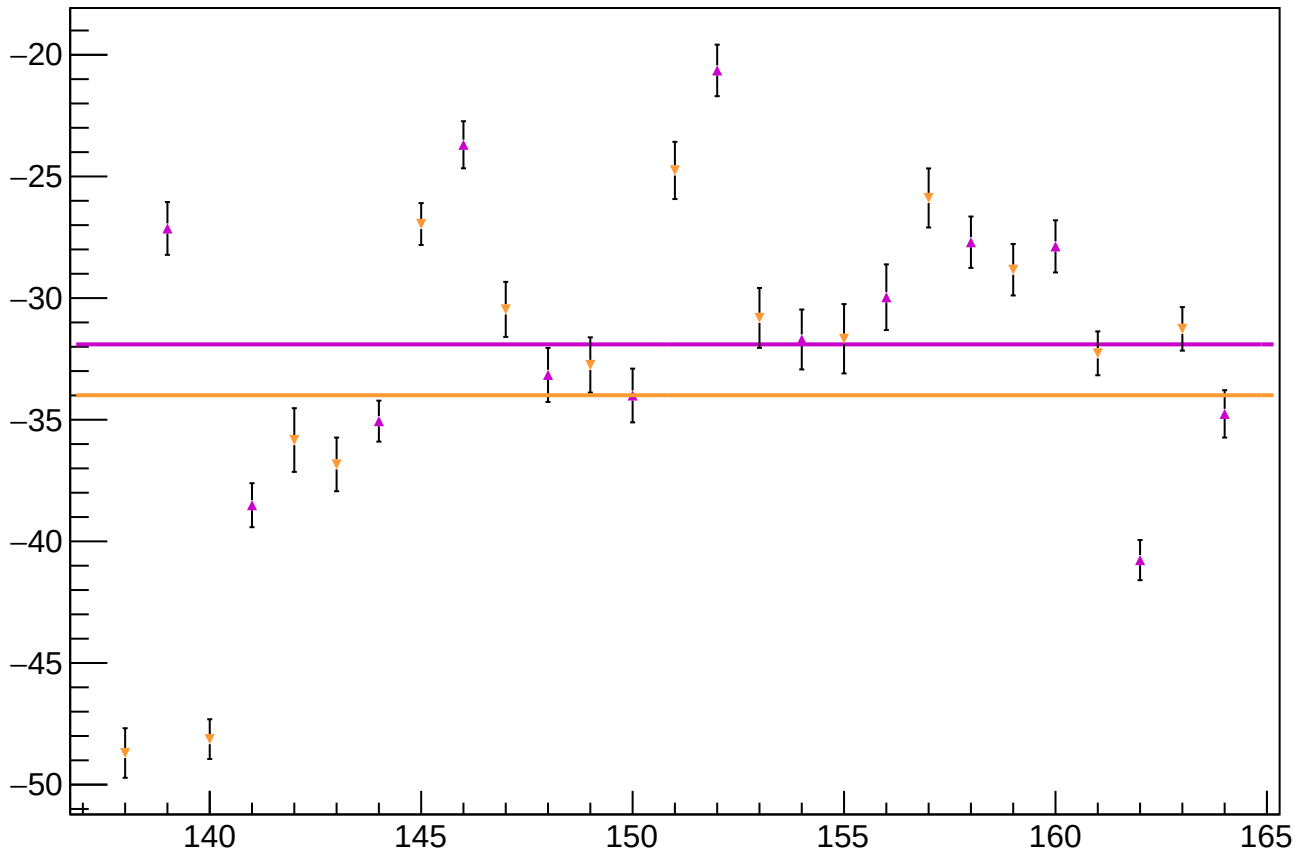
Left In: -0.118 $\pm$ 0.004 χ^2 /NDF:172.2/12

+ sign -0.067 $\pm$ 0.004 χ^2 /NDF: 2027.1/30

All: -0.072 $\pm$ 0.003 χ^2 /NDF: 5875.8/62

- sign -0.077 $\pm$ 0.004 χ^2 /NDF: 3844.8/31

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: -33.993 ± 0.281 χ^2/NDF : 746.7/13

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

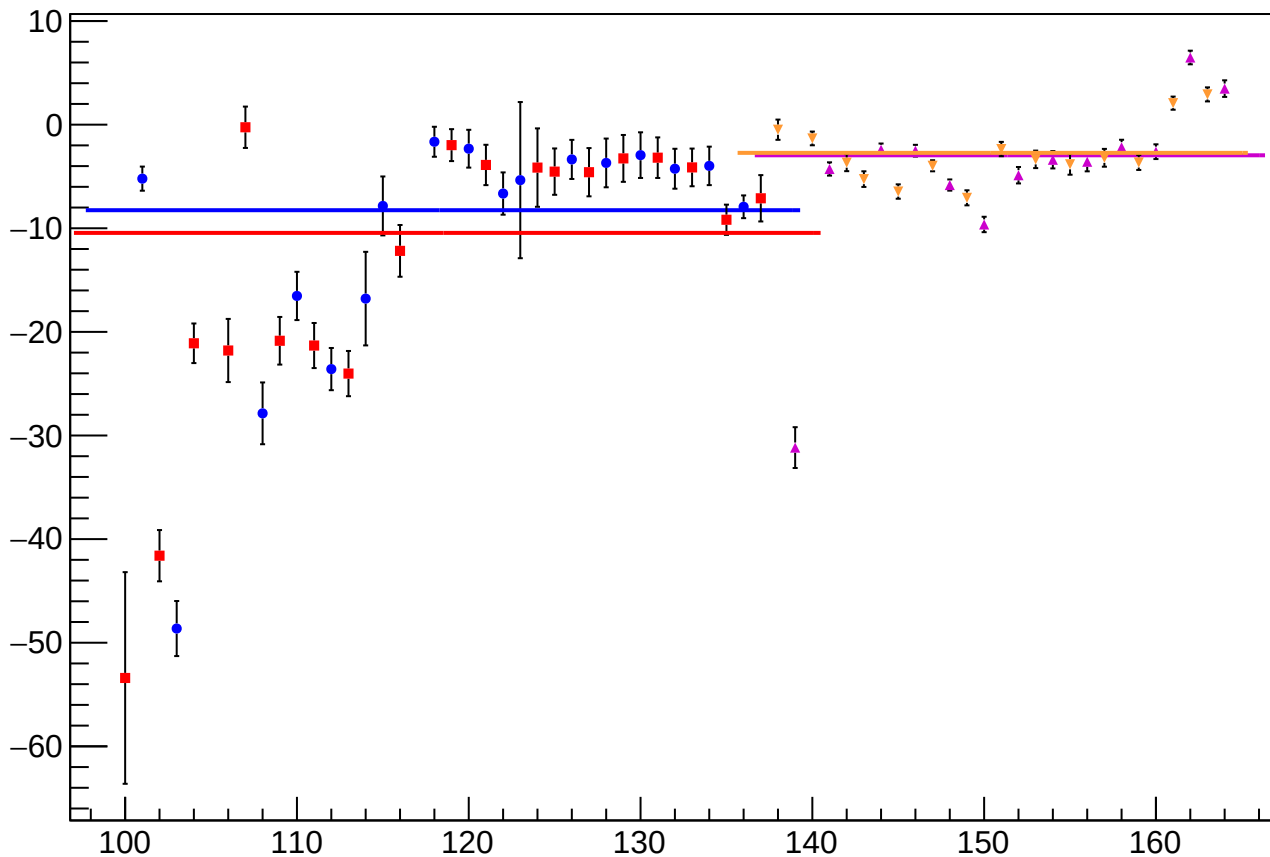
Left In: -31.902 ± 0.282 χ^2/NDF : 432.9/12

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.952 ± 0.199 χ^2/NDF : 1207.2/26

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -2.721 ± 0.195 χ^2/NDF : 222.6/13

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

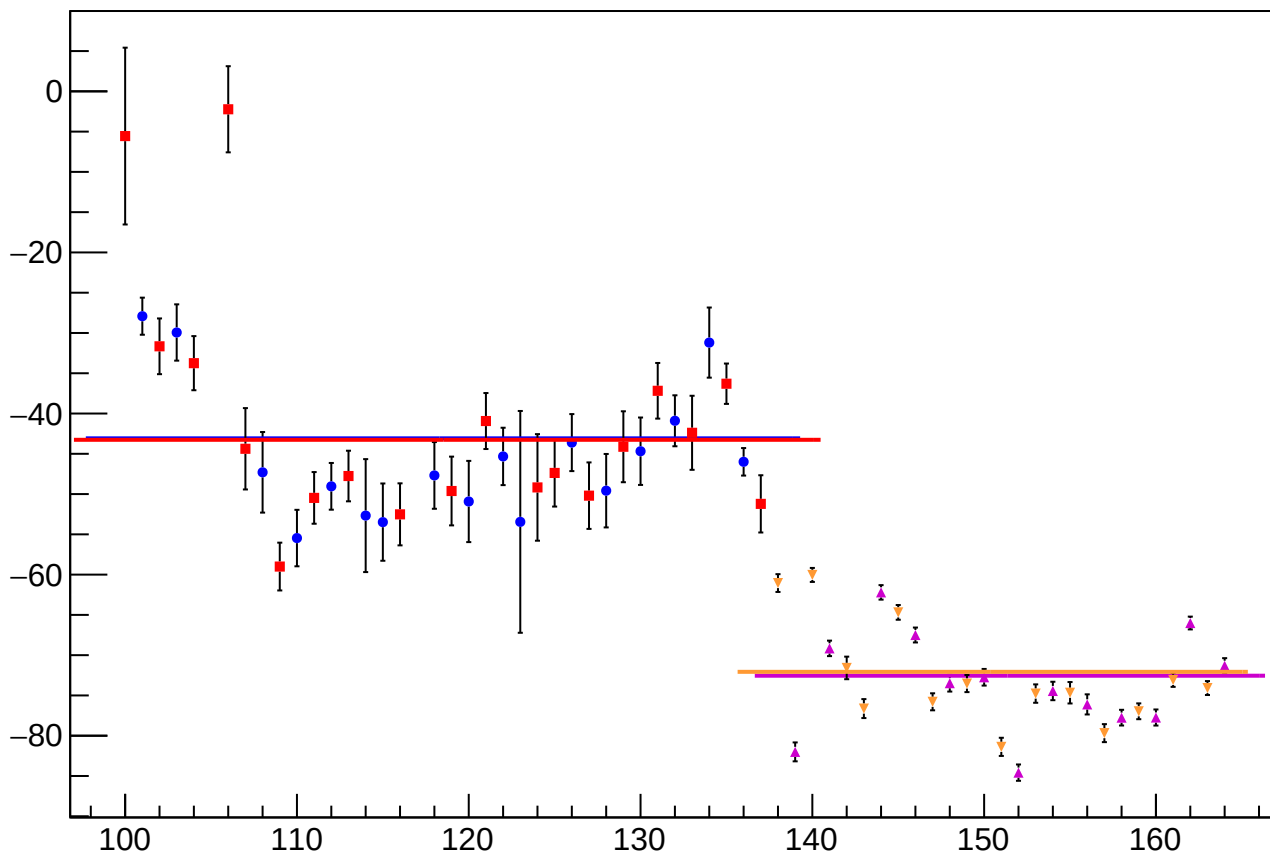
Left In: -2.957 ± 0.197 χ^2/NDF : 597.2/12

+ sign -3.555 ± 0.179 χ^2/NDF : 756.6/30

All: -3.771 ± 0.128 χ^2/NDF : 1985.3/62

- sign -3.995 ± 0.183 χ^2/NDF : 1225.8/31

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 χ^2/NDF : 99.2/16

Left Out: -72.068 ± 0.277 χ^2/NDF : 541.4/13

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

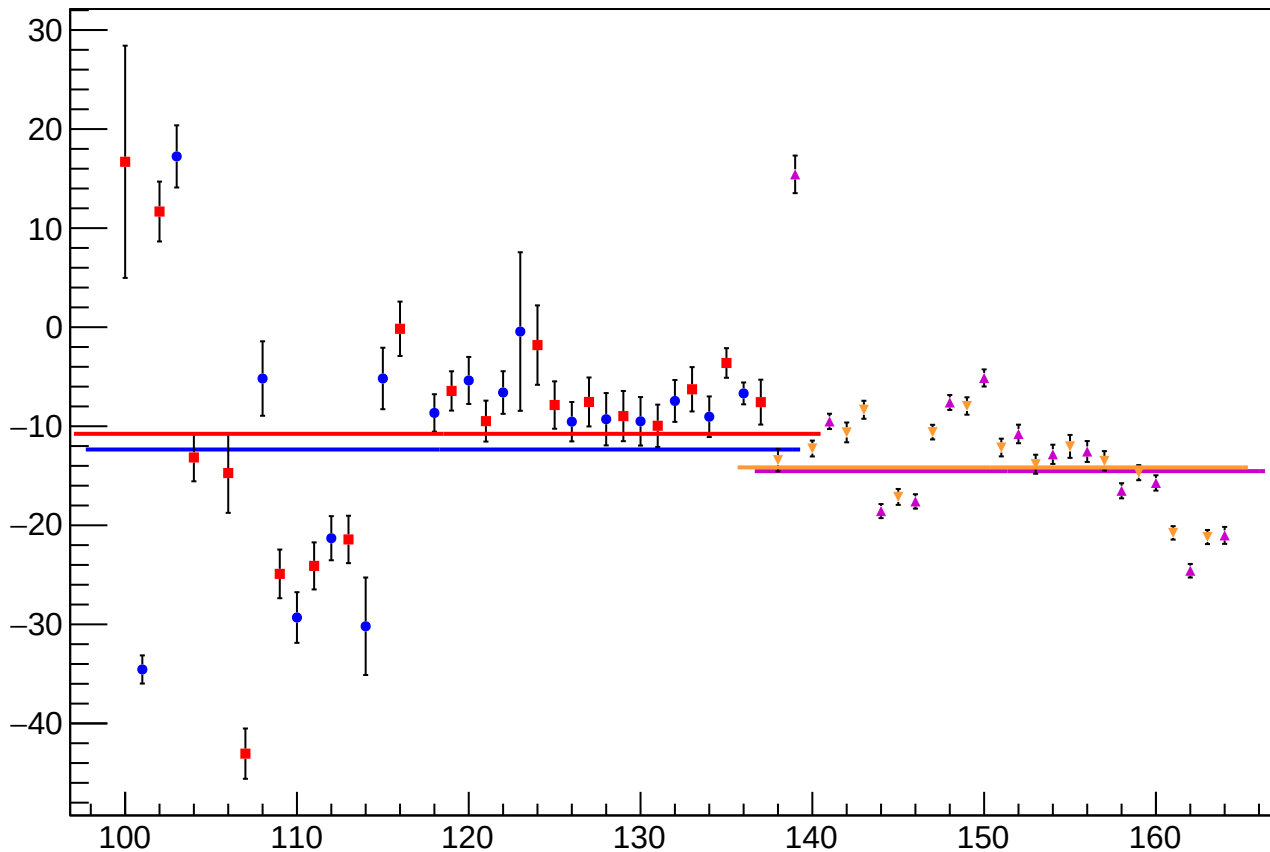
Left In: -72.550 ± 0.275 χ^2/NDF : 517.0/12

+ sign -69.182 ± 0.263 χ^2/NDF : 1727.6/30

All: -69.525 ± 0.186 χ^2/NDF : 3440.0/62

- sign -69.866 ± 0.262 χ^2/NDF : 1709.1/31

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: -14.153 ± 0.228 χ^2/NDF : 347.9/13

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

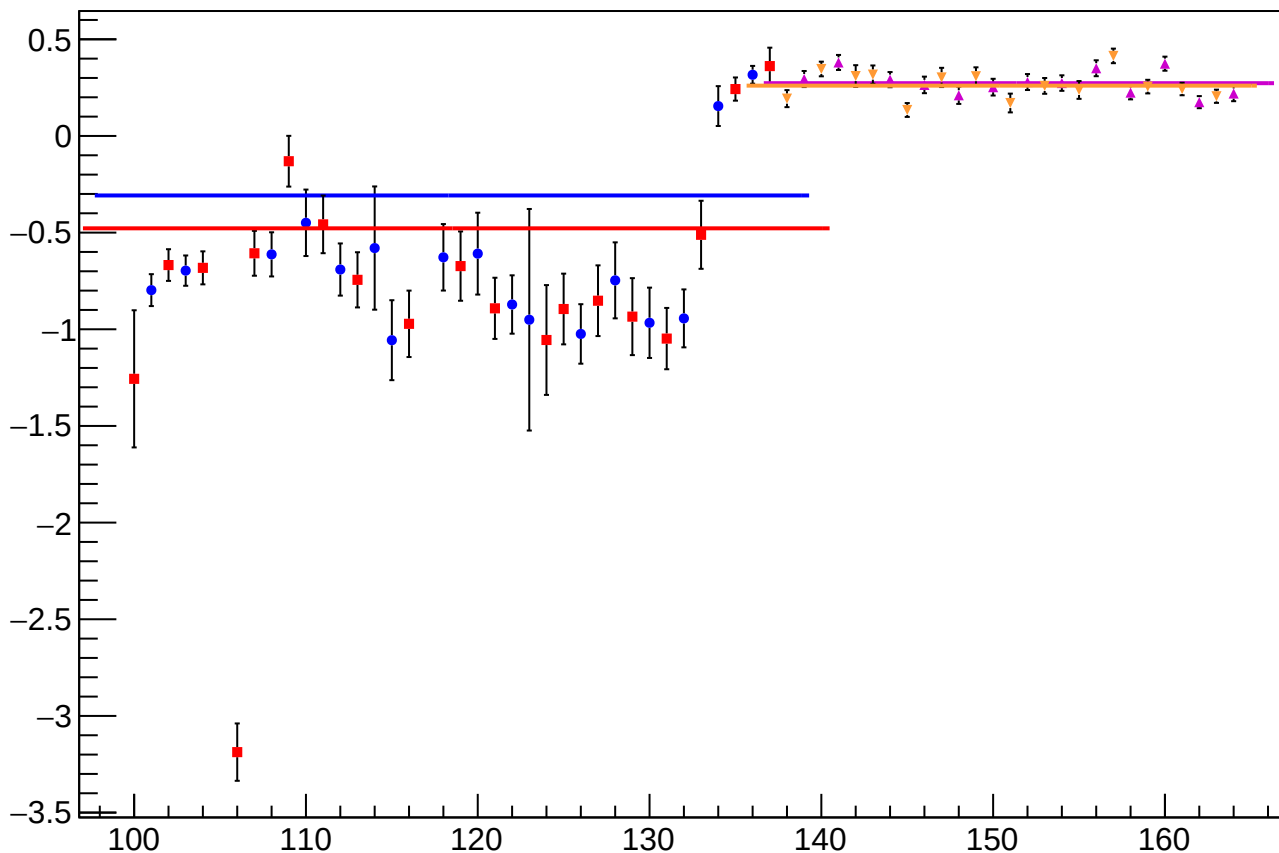
Left In: -14.533 ± 0.230 χ^2/NDF : 847.7/12

+ sign -13.861 ± 0.209 χ^2/NDF : 833.9/30

All: -13.919 ± 0.149 χ^2/NDF : 2087.9/62

- sign -13.978 ± 0.212 χ^2/NDF : 1253.8/31

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: 0.260 ± 0.011 χ^2/NDF : 47.1/13

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

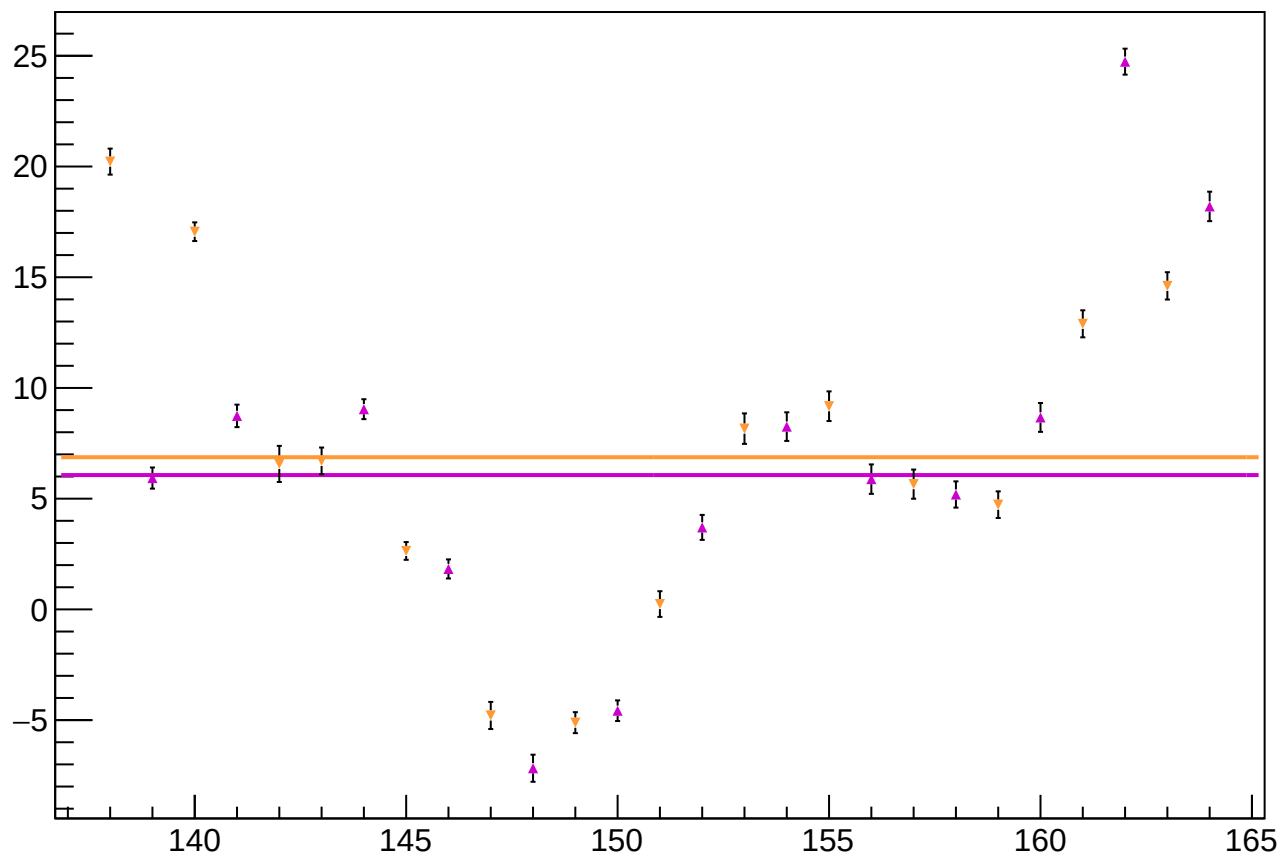
Left In: 0.273 ± 0.011 χ^2/NDF : 35.1/12

+ sign 0.183 ± 0.010 χ^2/NDF : 788.2/30

All: 0.181 ± 0.007 χ^2/NDF : 2059.6/62

- sign 0.178 ± 0.010 χ^2/NDF : 1271.3/31

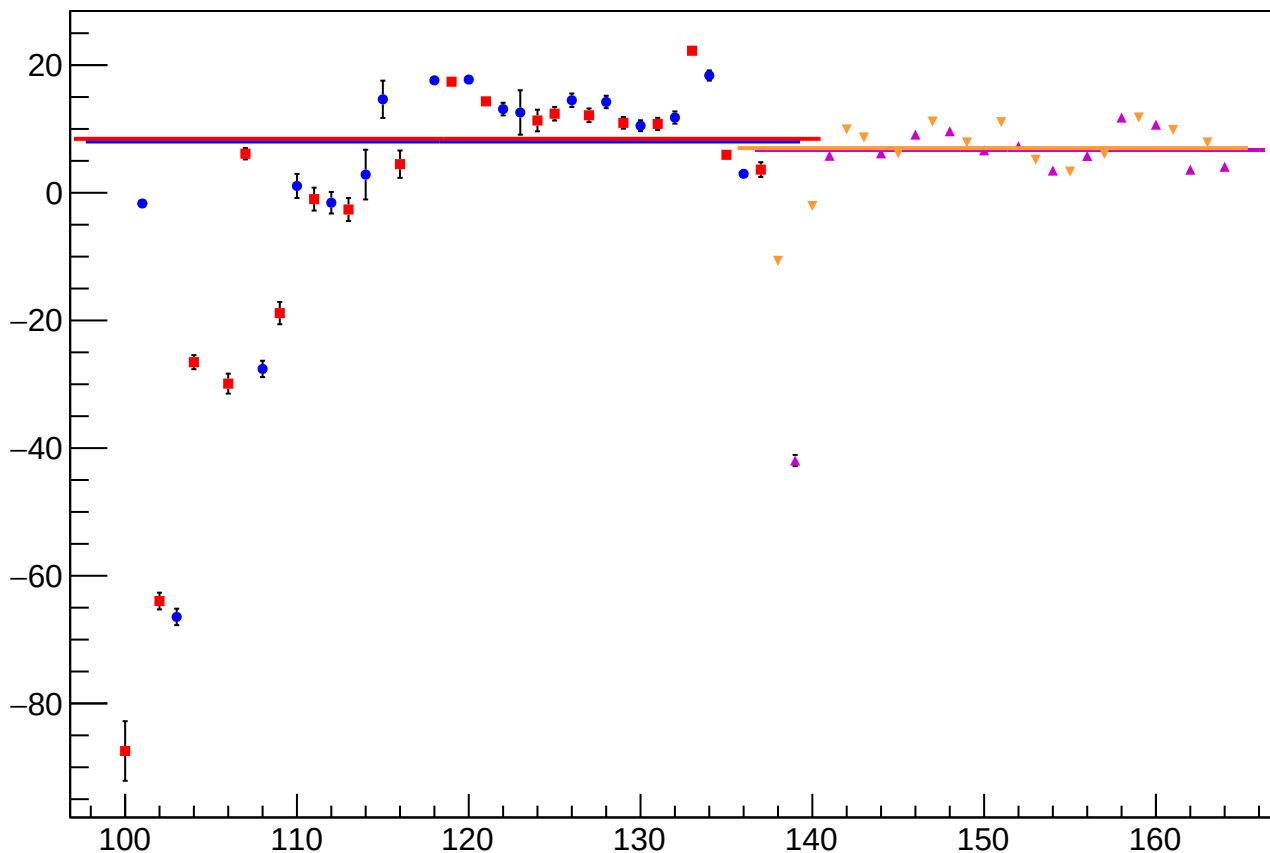
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.872+/-0.151 χ^2/NDF : 2629.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.066+/-0.151 χ^2/NDF : 2550.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.468+/-0.107 χ^2/NDF : 5193.8/26
 - 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: 6.998 ± 0.106 $\chi^2/\text{NDF}: 2211.4/13$

Right Out: 8.454 ± 0.213 $\chi^2/\text{NDF}: 6704.4/18$

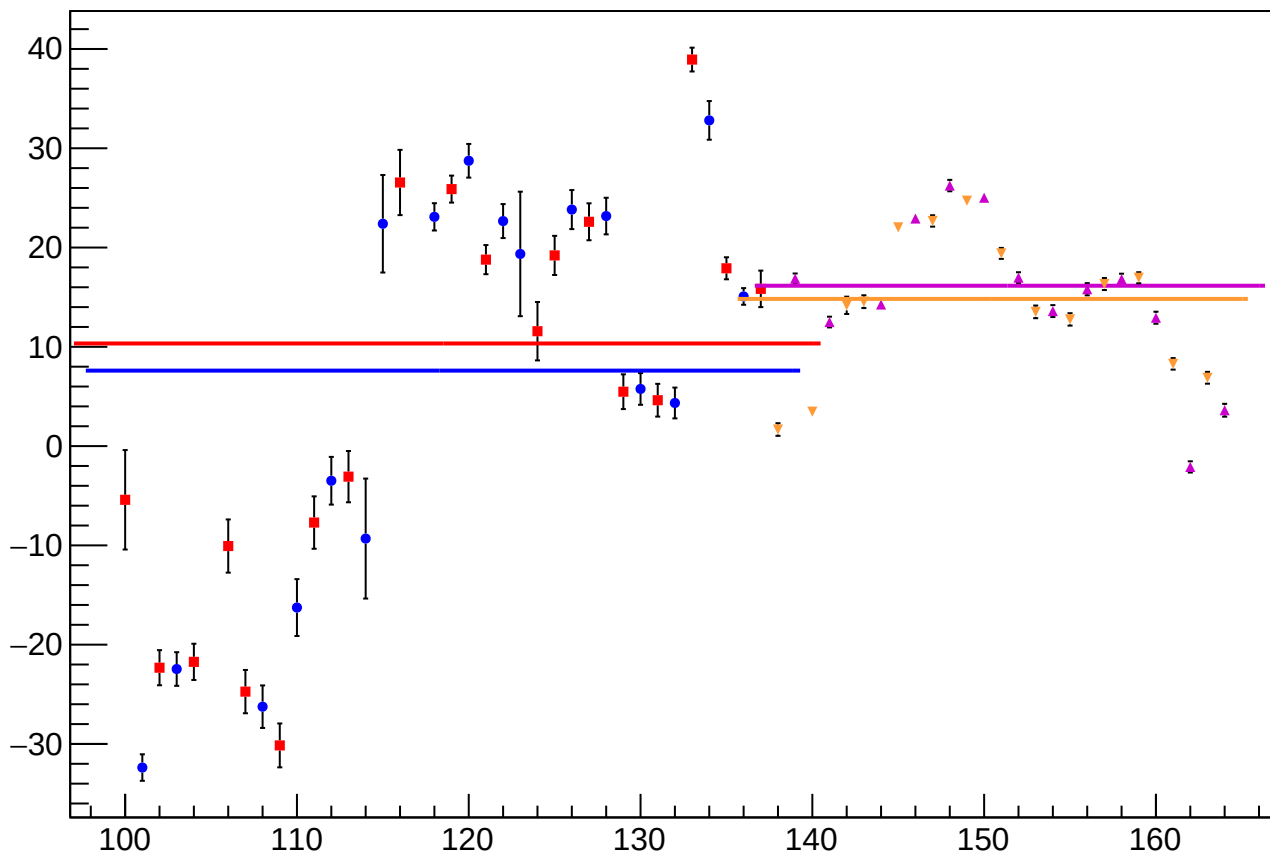
Left In: 6.702 ± 0.107 $\chi^2/\text{NDF}: 3603.5/12$

+ sign 7.199 ± 0.095 $\chi^2/\text{NDF}: 7599.6/30$

All: 7.128 ± 0.067 $\chi^2/\text{NDF}: 17962.5/62$

- sign 7.055 ± 0.096 $\chi^2/\text{NDF}: 10361.8/31$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 14.826 ± 0.149 χ^2/NDF : 2449.2/13

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

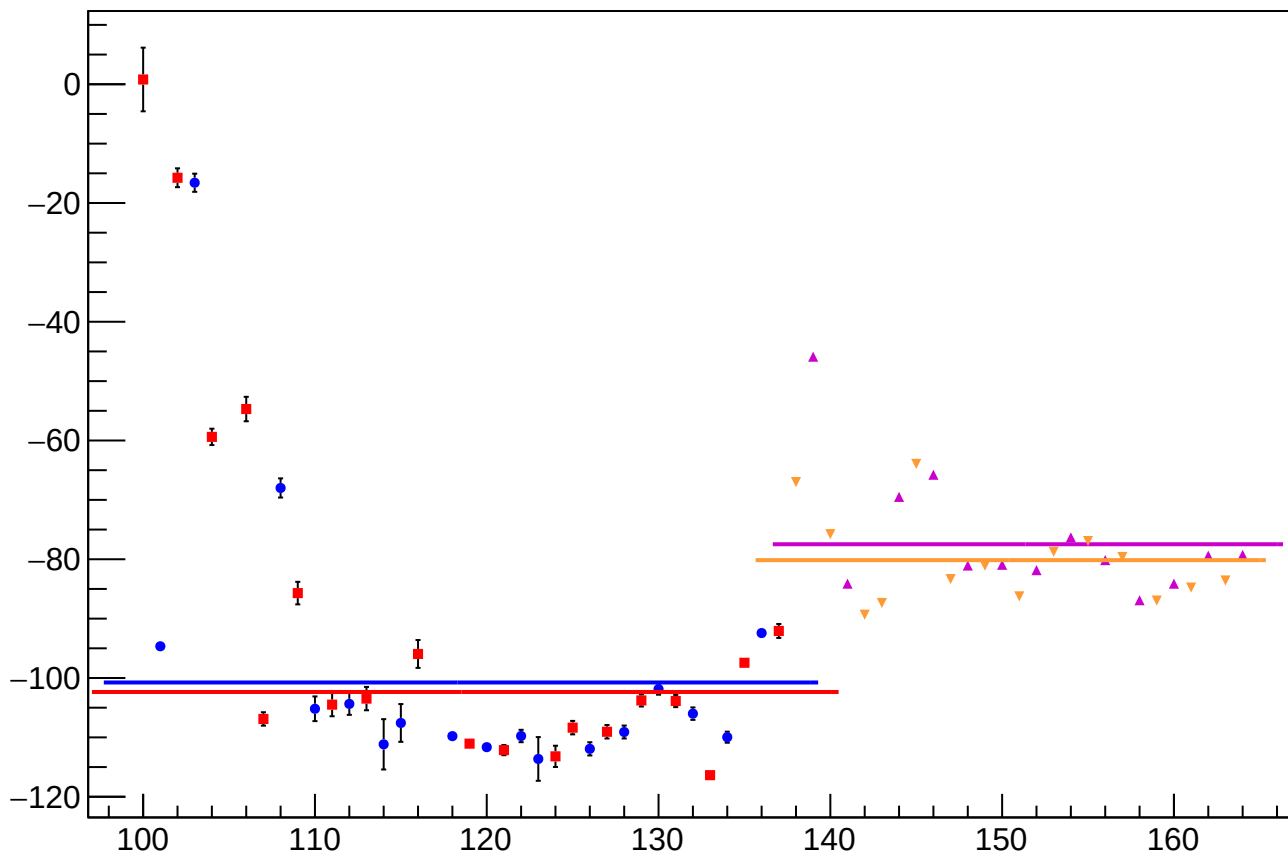
Left In: 16.154 ± 0.147 χ^2/NDF : 2521.4/12

+ sign 14.001 ± 0.141 χ^2/NDF : 5041.4/30

All: 14.763 ± 0.099 χ^2/NDF : 10076.1/62

- sign 15.507 ± 0.139 χ^2/NDF : 4976.6/31

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -80.150 ± 0.124 χ^2/NDF : 3437.3/13

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

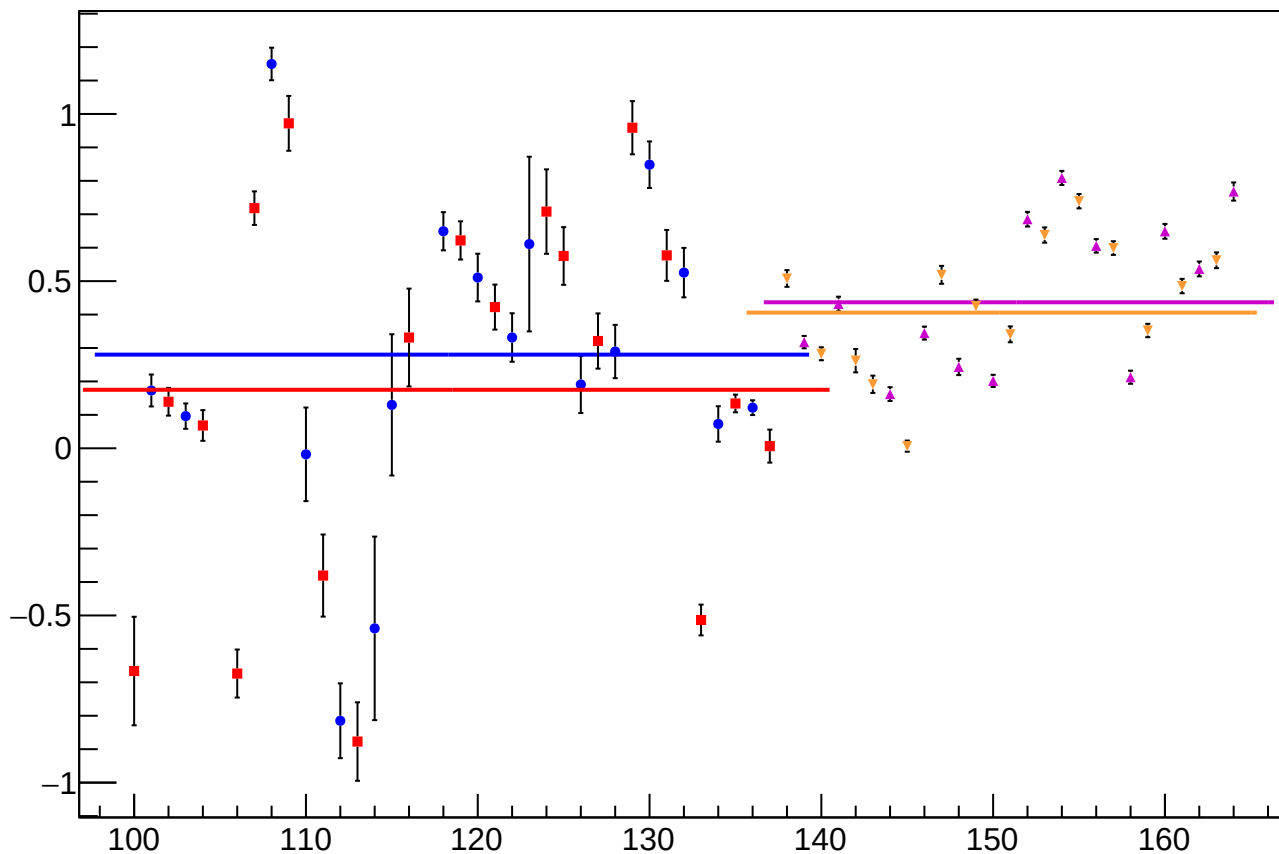
Left In: -77.472 ± 0.125 χ^2/NDF : 4195.5/12

+ sign -84.292 ± 0.111 χ^2/NDF : 13473.6/30

All: -83.444 ± 0.079 χ^2/NDF : 31976.6/62

- sign -82.589 ± 0.112 χ^2/NDF : 18386.2/31

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 $\pm$ 0.013 χ^2/NDF : 656.0/16

Left Out: 0.406 $\pm$ 0.006 χ^2/NDF :1239.9/13

Right Out: 0.175 $\pm$ 0.013 χ^2/NDF : 966.7/18

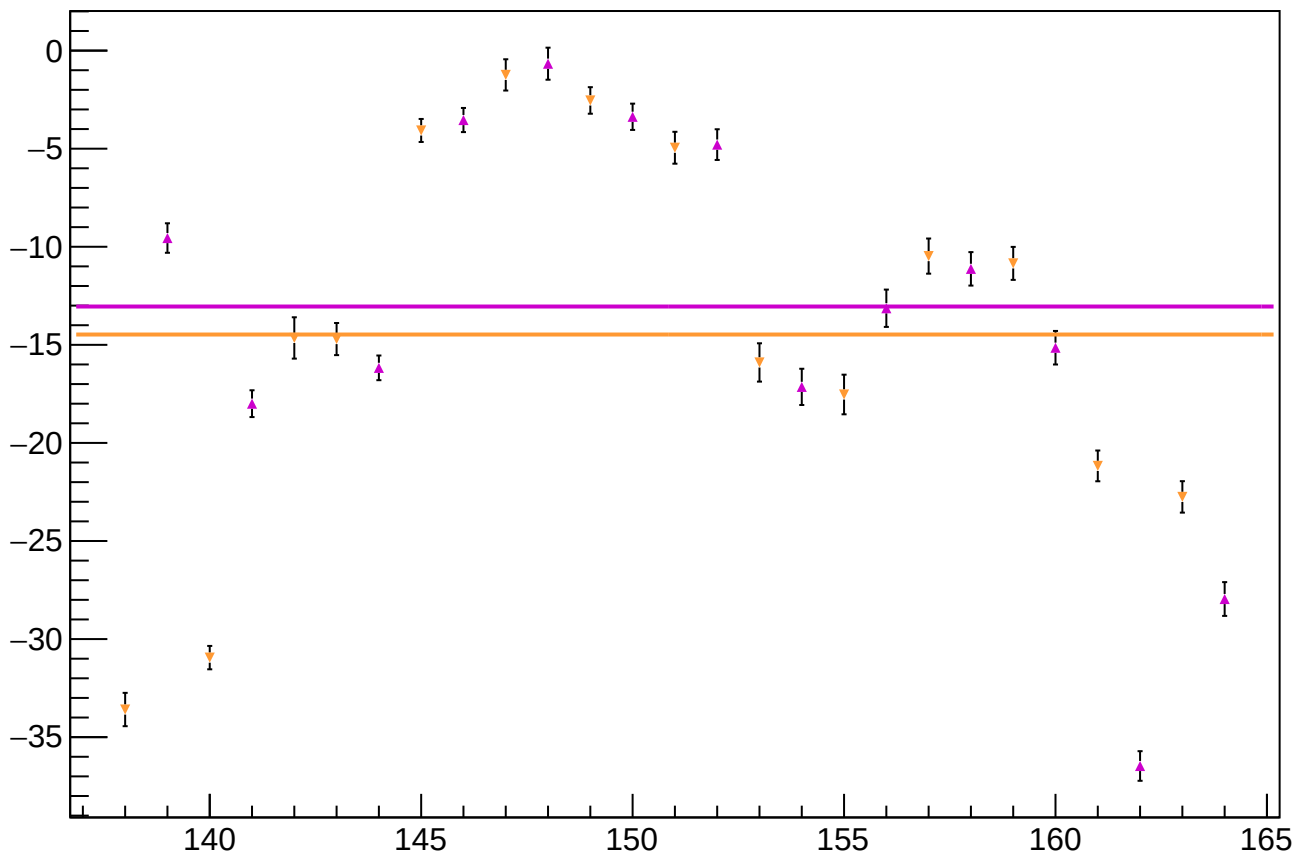
Left In: 0.437 $\pm$ 0.006 χ^2/NDF :1369.1/12

+ sign 0.386 $\pm$ 0.005 χ^2/NDF : 1969.1/30

All: 0.391 $\pm$ 0.004 χ^2/NDF : 4625.6/62

- sign 0.395 $\pm$ 0.005 χ^2/NDF : 2654.9/31

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -14.474+/-0.210 χ^2/NDF : 2538.1/13

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

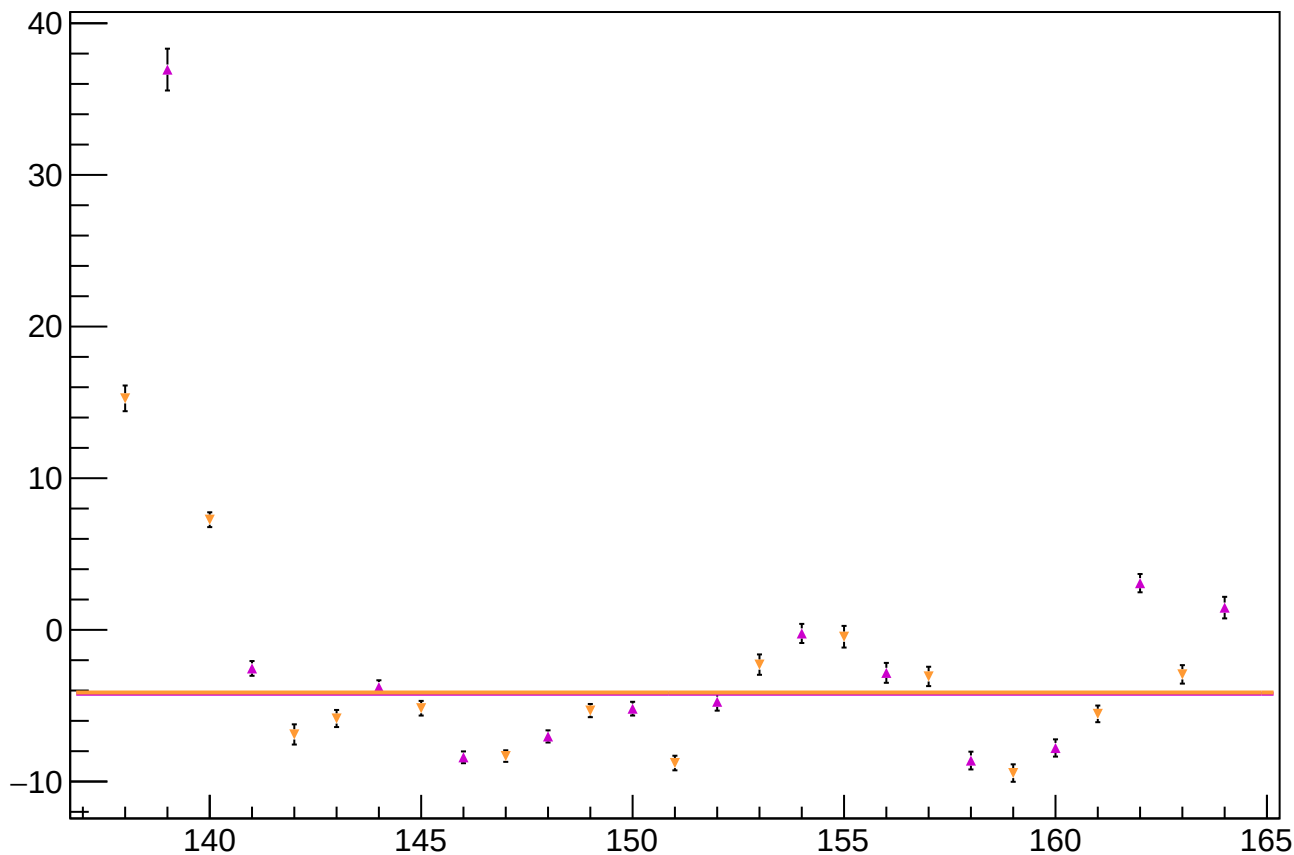
Left In: -13.046+/-0.211 χ^2/NDF : 2179.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.762+/-0.149 χ^2/NDF : 4741.0/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

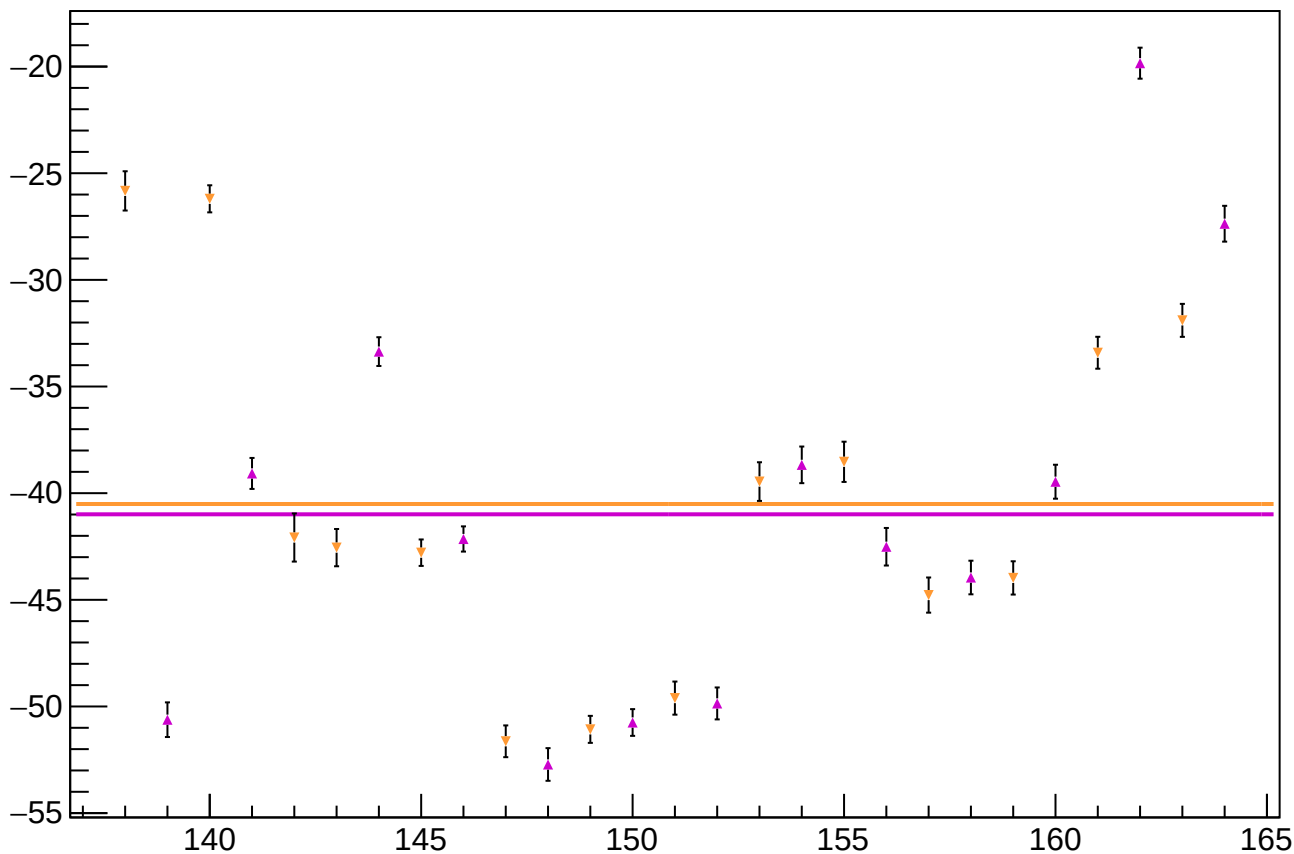
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.130+/-0.145 χ^2/NDF : 1452.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.211+/-0.148 χ^2/NDF : 1424.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.170+/-0.104 χ^2/NDF : 2876.9/26
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -40.508+/-0.207 χ^2/NDF :1688.5/13

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

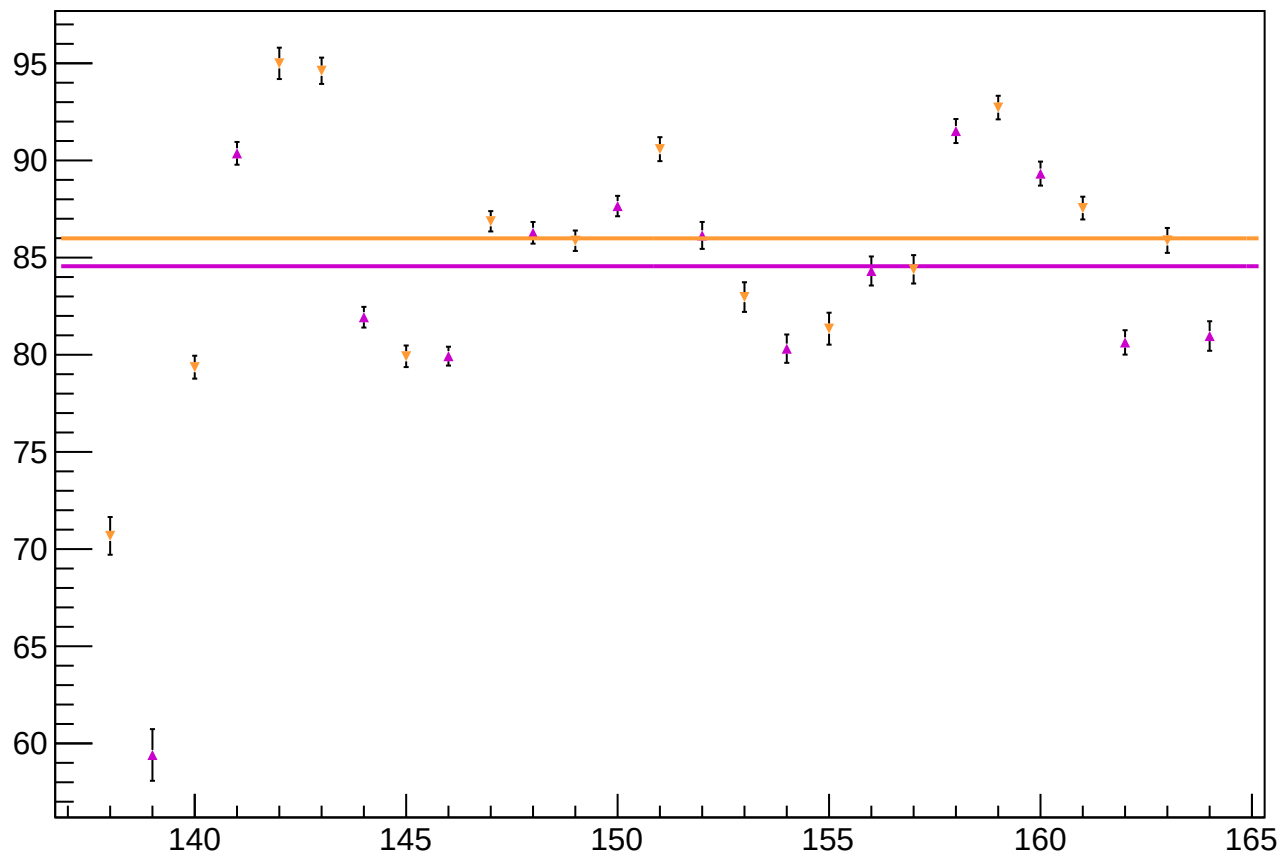
Left In: -40.991+/-0.206 χ^2/NDF :2034.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.751+/-0.146 χ^2/NDF : 3725.8/26

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 85.991 $\pm$ 0.172 χ^2 /NDF:1022.1/13

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

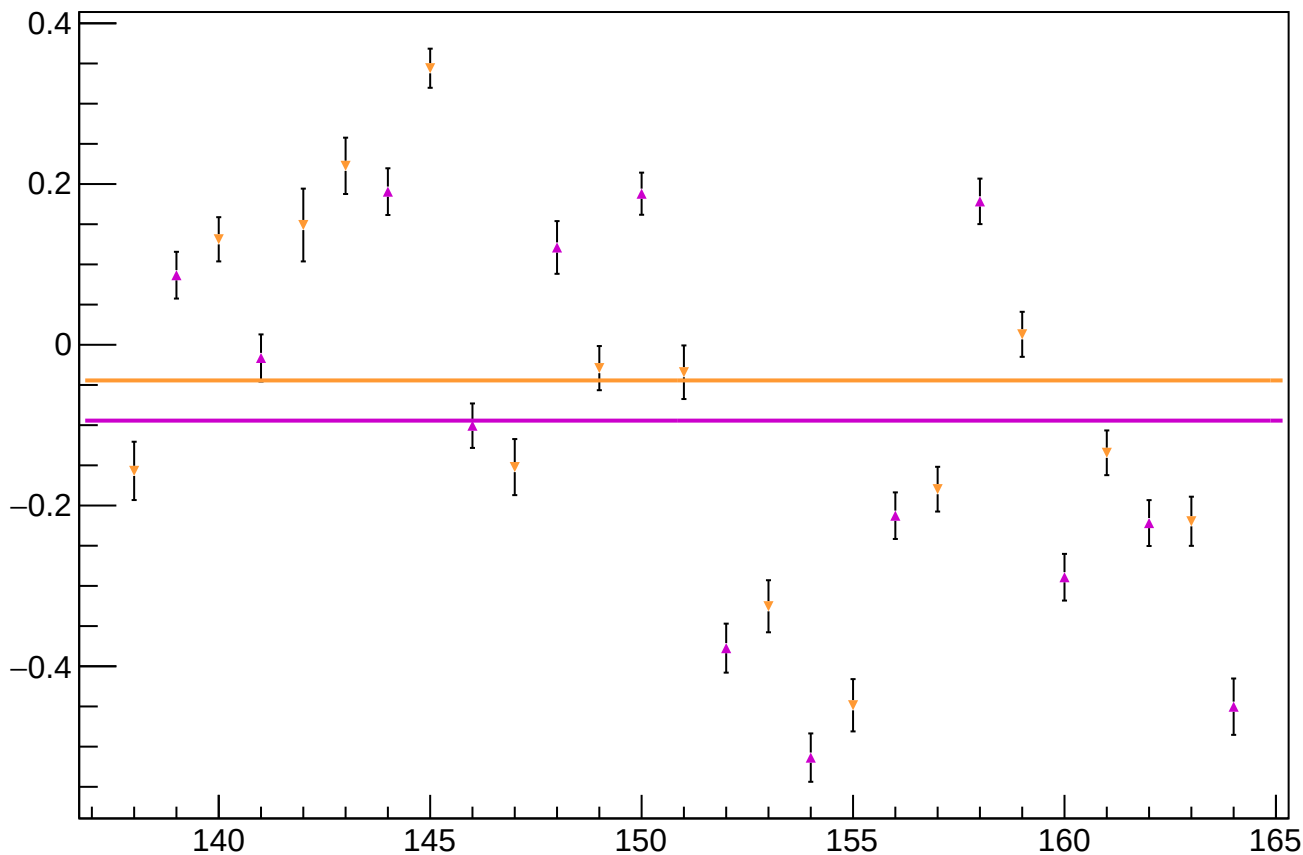
Left In: 84.556 $\pm$ 0.173 χ^2 /NDF:902.7/12

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

All: 85.280 $\pm$ 0.122 χ^2 /NDF: 1959.4/26

- sign 0.000 $\pm$ 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: -0.044 $\pm$ 0.008 χ^2 /NDF: 691.9/13

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

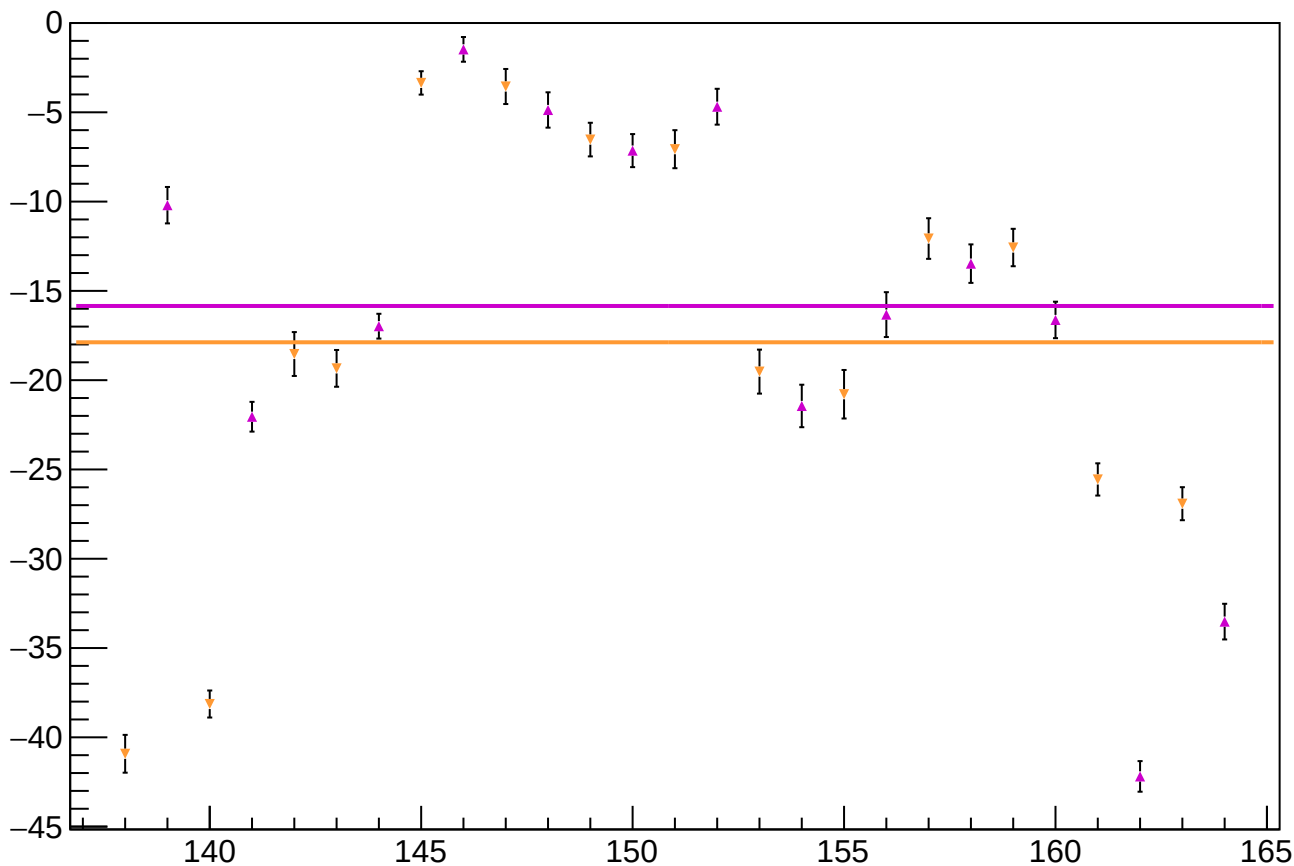
Left In: -0.094 $\pm$ 0.008 χ^2 /NDF: 859.0/12

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

All: -0.069 $\pm$ 0.006 χ^2 /NDF: 1569.6/26

- 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: -17.879+/-0.259 χ^2/NDF : 2371.7/13

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

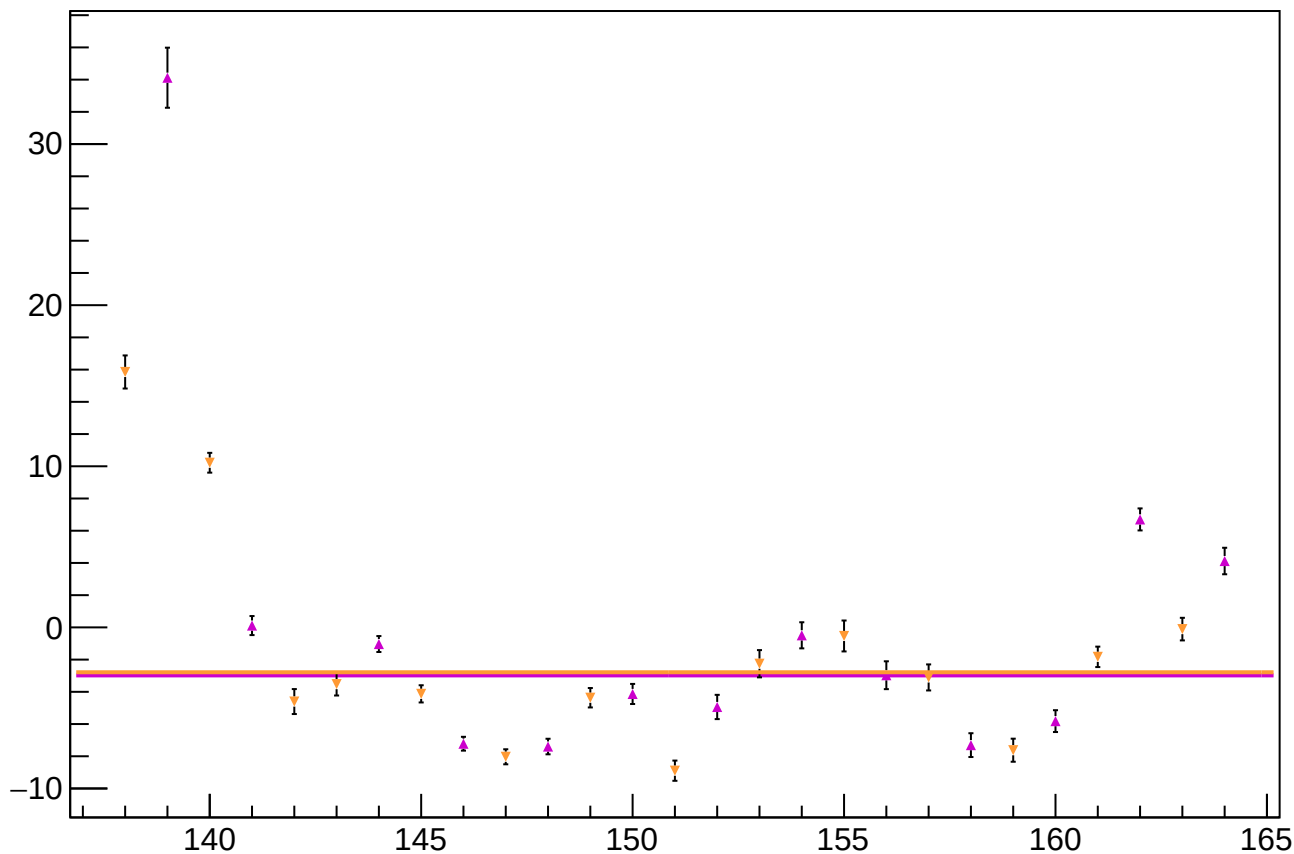
Left In: -15.845+/-0.256 χ^2/NDF : 2139.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.850+/-0.182 χ^2/NDF : 4542.7/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -2.786+/-0.179 χ^2/NDF : 1086.9/13

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

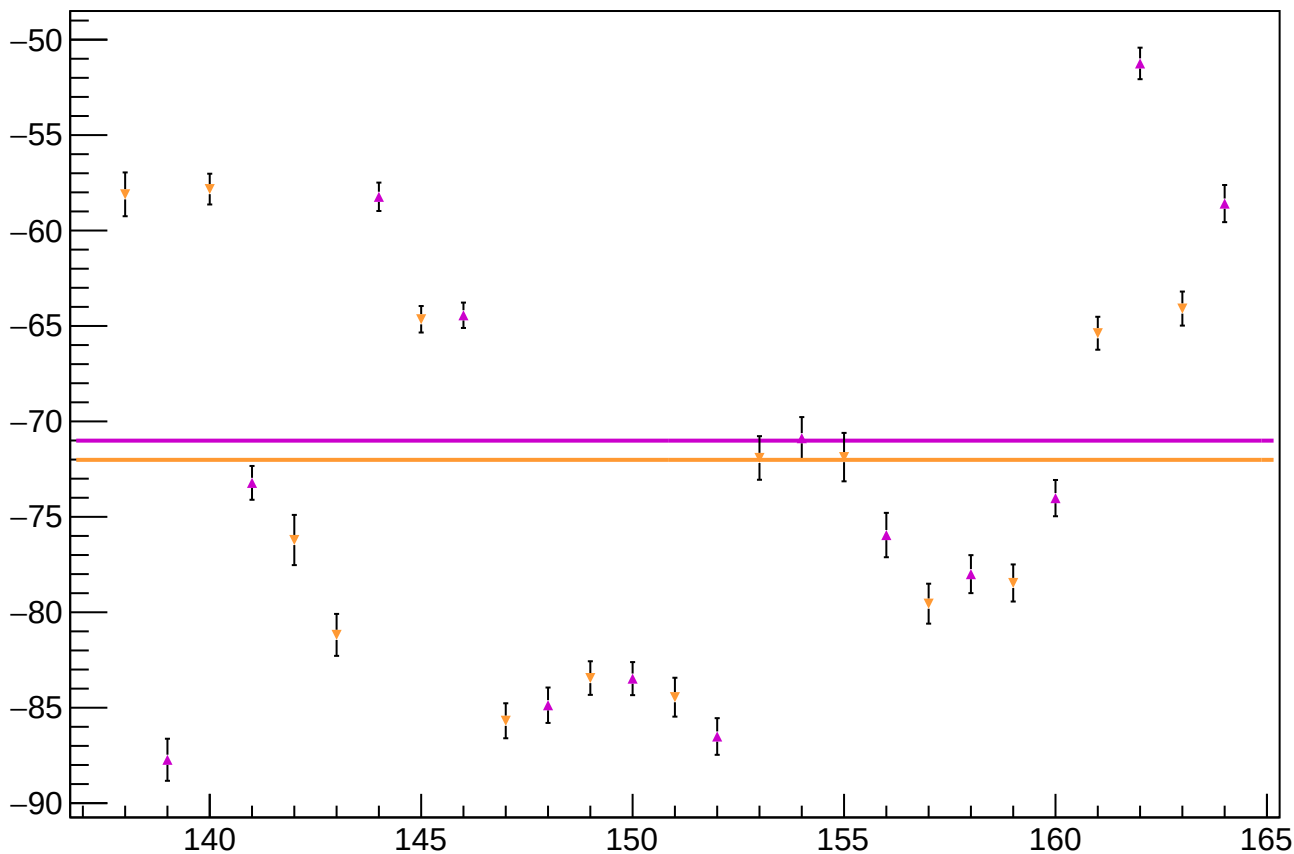
Left In: -2.981+/-0.177 χ^2/NDF : 966.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.884+/-0.126 χ^2/NDF : 2054.4/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -72.014+/-0.257 χ^2/NDF : 1423.0/13

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

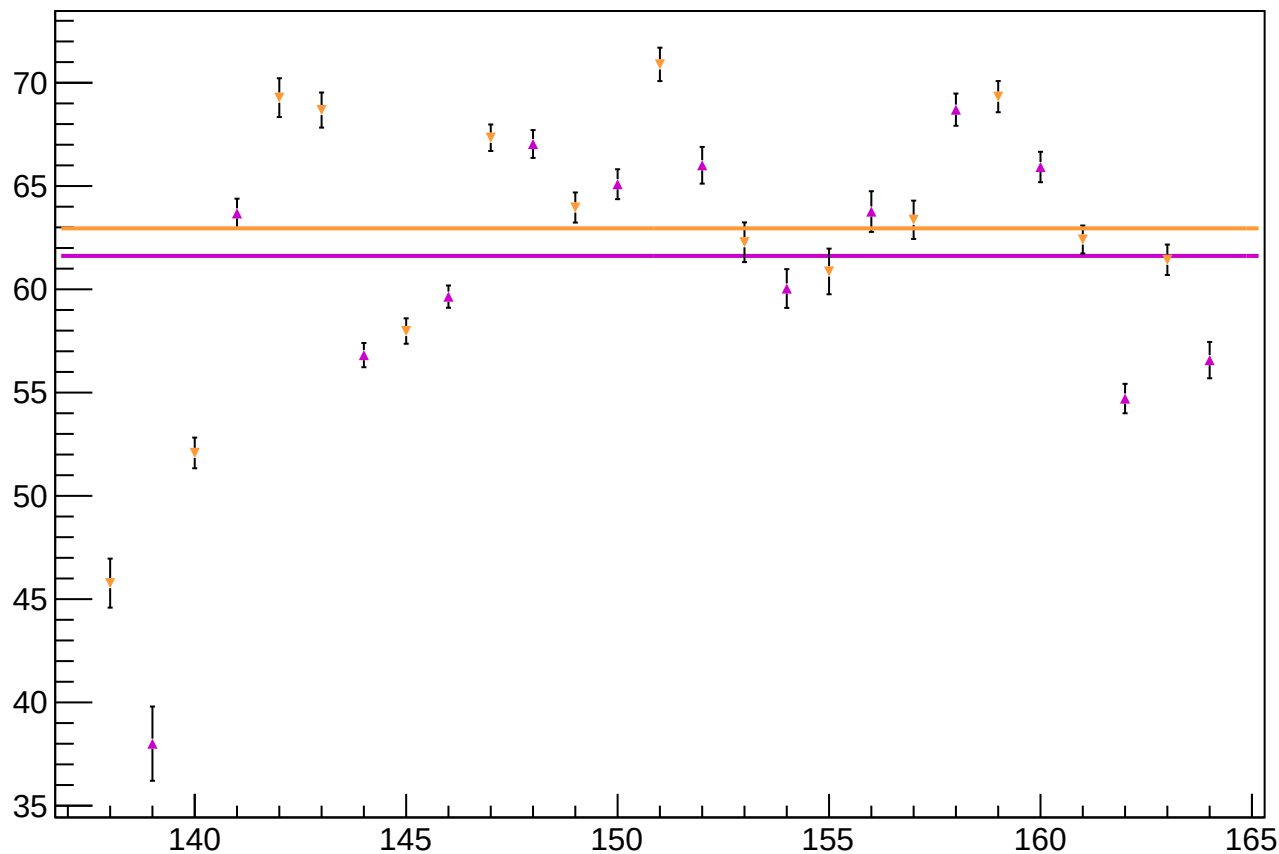
Left In: -71.008+/-0.250 χ^2/NDF : 2133.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.498+/-0.179 χ^2/NDF : 3564.5/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 62.951+/-0.211 χ^2/NDF : 805.7/13

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

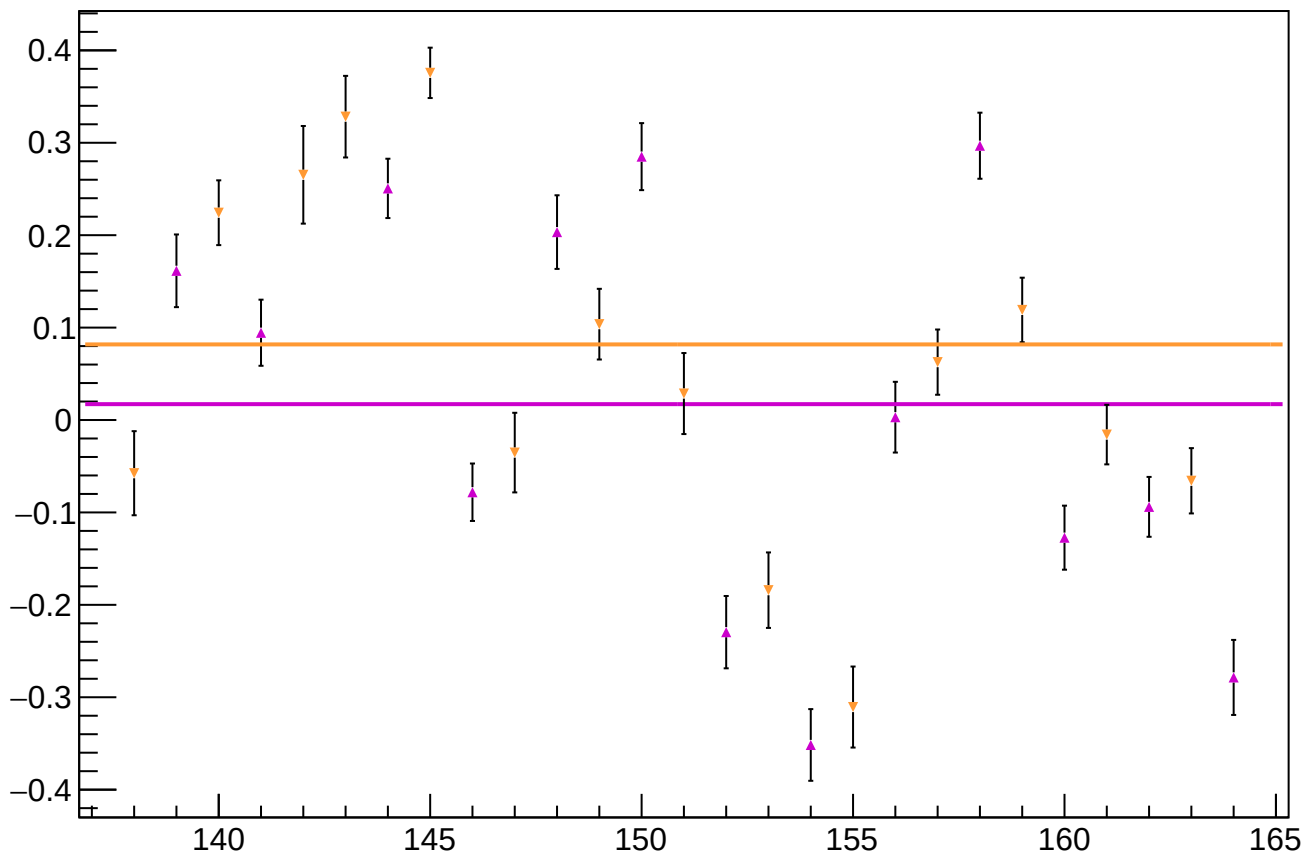
Left In: 61.616+/-0.209 χ^2/NDF : 624.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.275+/-0.149 χ^2/NDF : 1450.4/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

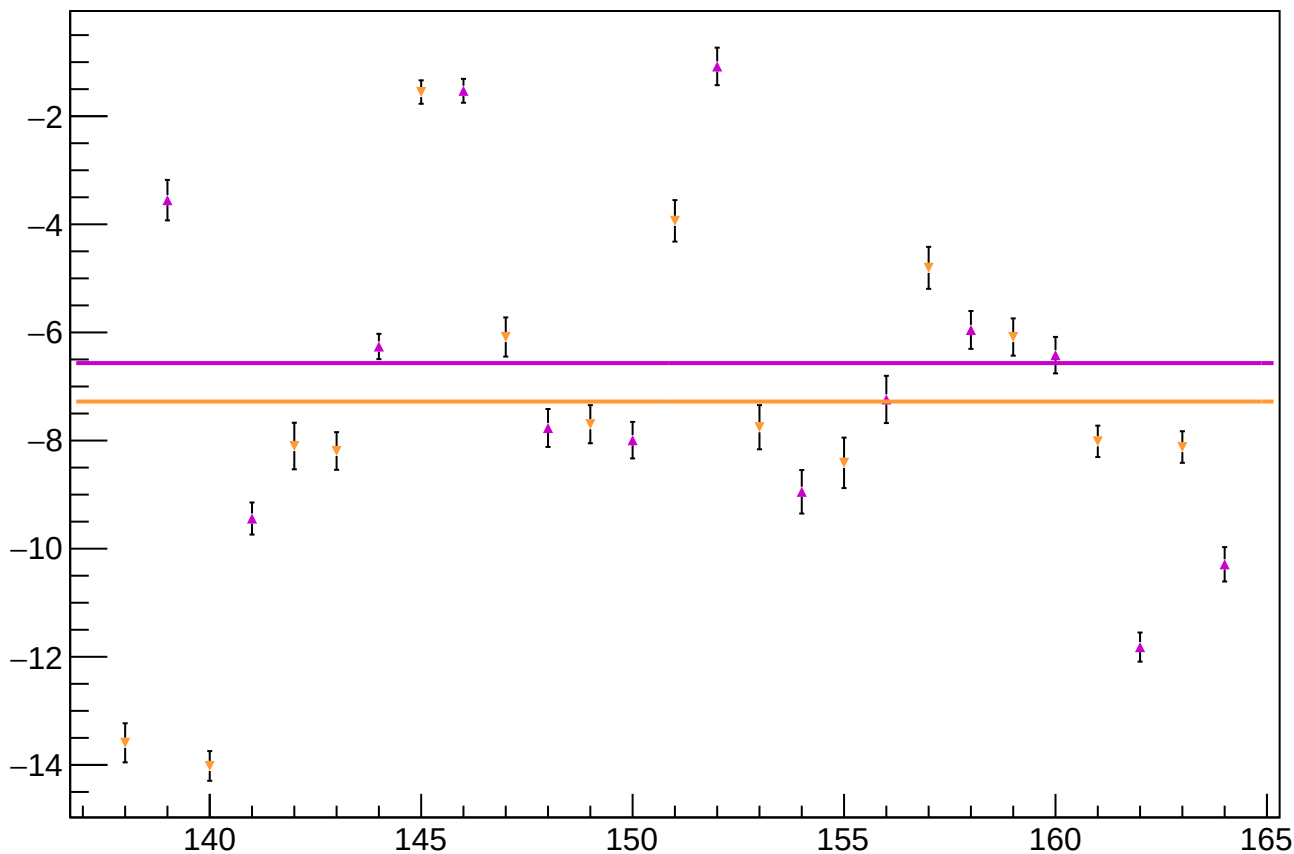
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.082 $\pm$ 0.010 χ^2 /NDF:345.2/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.017 $\pm$ 0.010 χ^2 /NDF:430.5/12

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.049 $\pm$ 0.007 χ^2 /NDF: 796.3/26
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

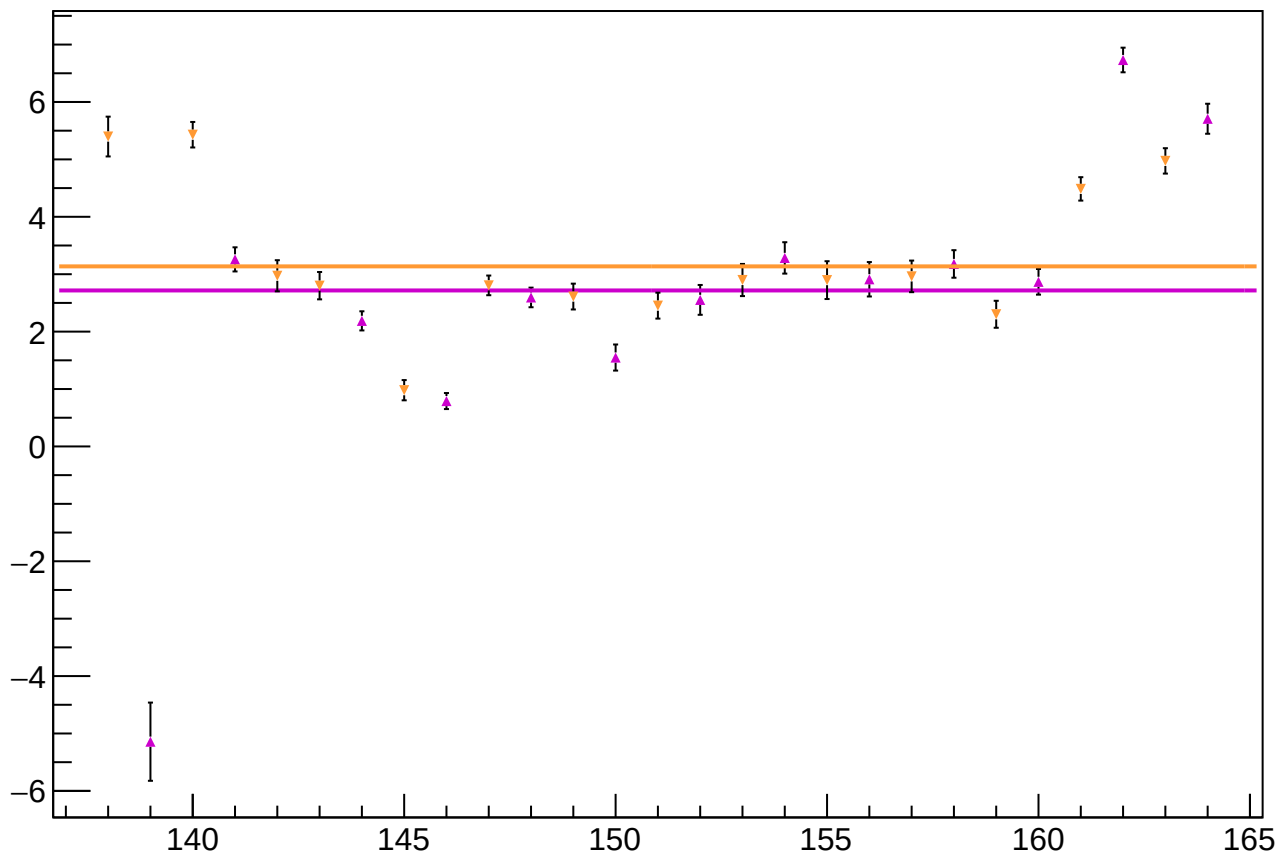
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -7.278 ± 0.089 $\chi^2/\text{NDF}: 1776.4/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -6.567 ± 0.086 $\chi^2/\text{NDF}: 1517.3/12$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -6.913 ± 0.062 $\chi^2/\text{NDF}: 3326.9/26$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

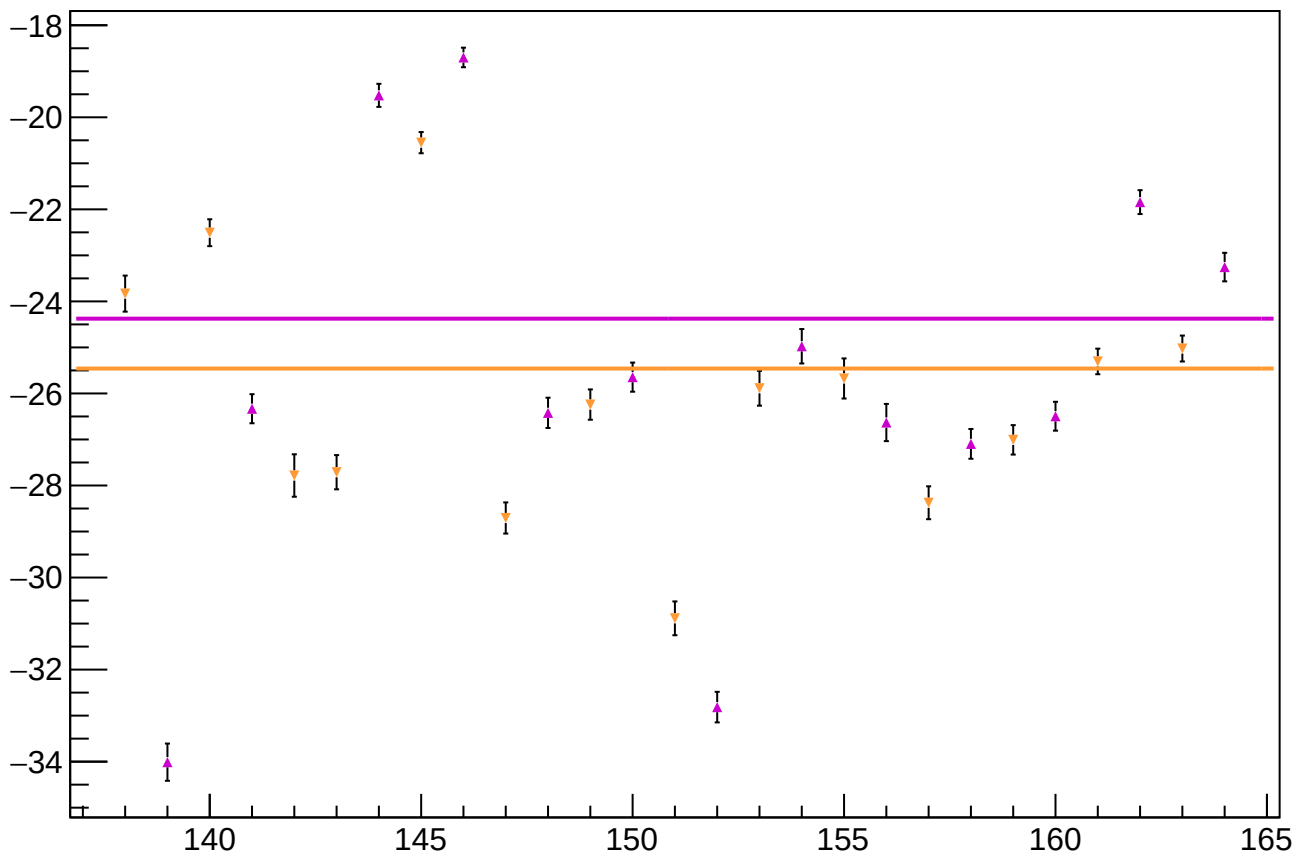
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.136 $\pm$ 0.062 χ^2 /NDF:446.5/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.717 $\pm$ 0.060 χ^2 /NDF:857.8/12

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.921 $\pm$ 0.043 χ^2 /NDF: 1328.1/26
 - 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: -25.459+/-0.088 χ^2/NDF :1045.3/13

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

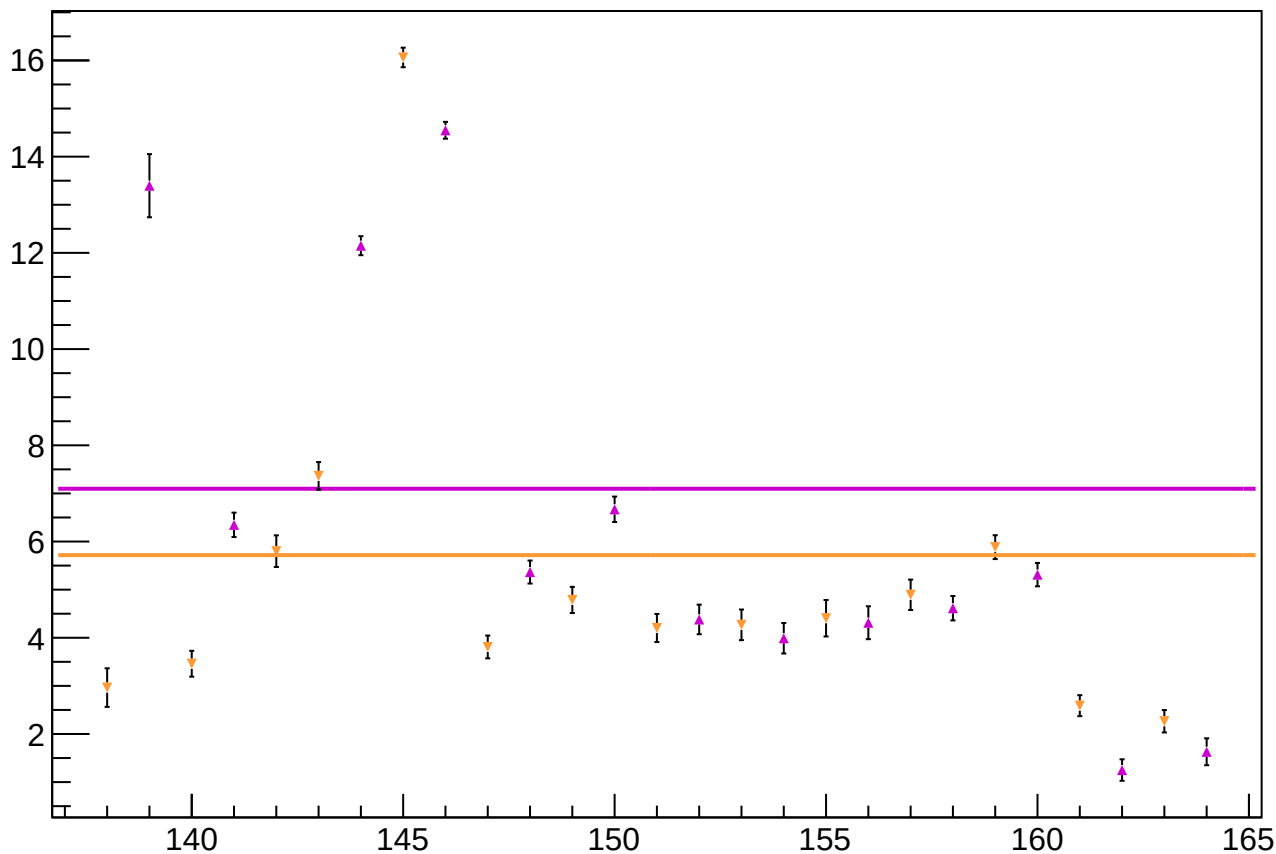
Left In: -24.375+/-0.084 χ^2/NDF :2653.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.895+/-0.061 χ^2/NDF : 3777.7/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

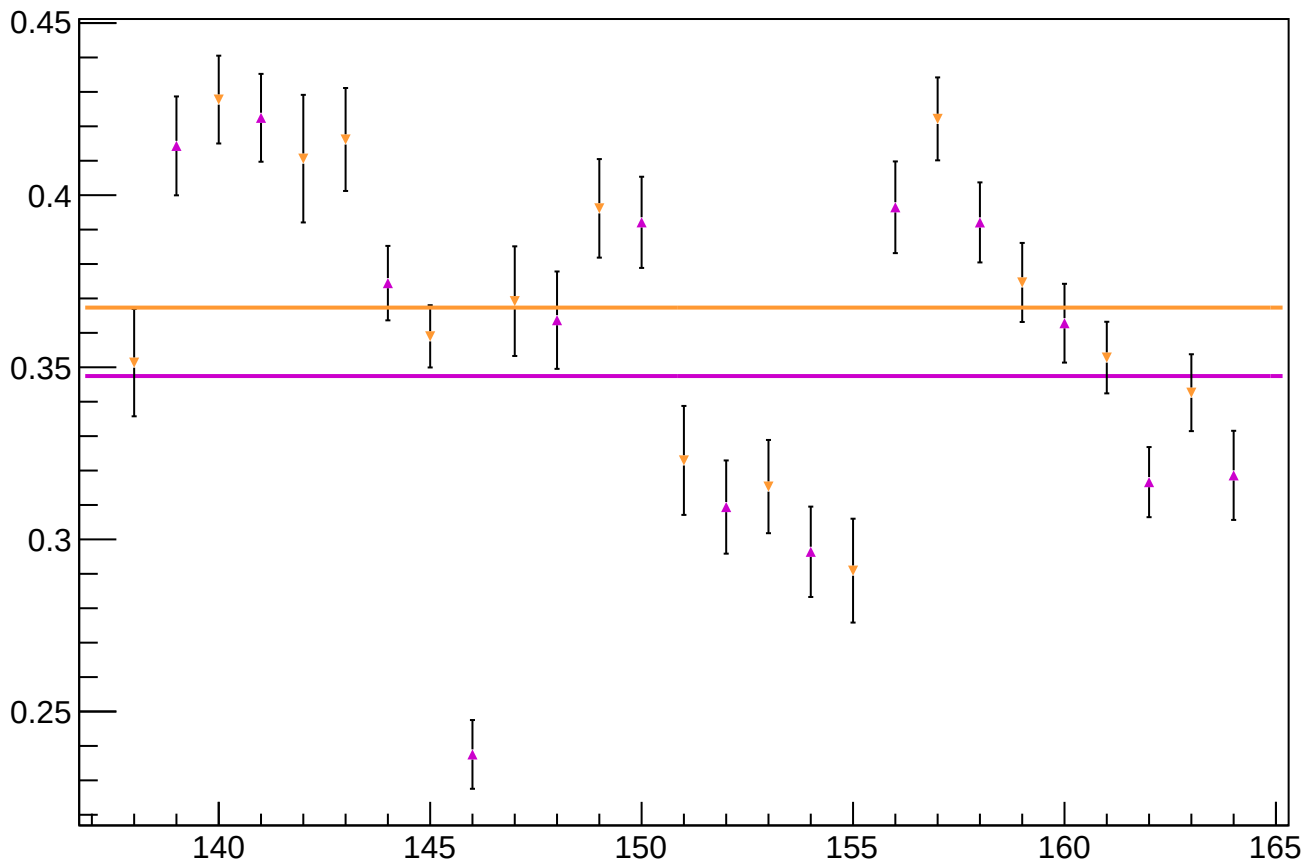
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.717+/-0.072 χ^2/NDF : 3311.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.097+/-0.070 χ^2/NDF : 4081.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.427+/-0.050 χ^2/NDF : 7579.9/26
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

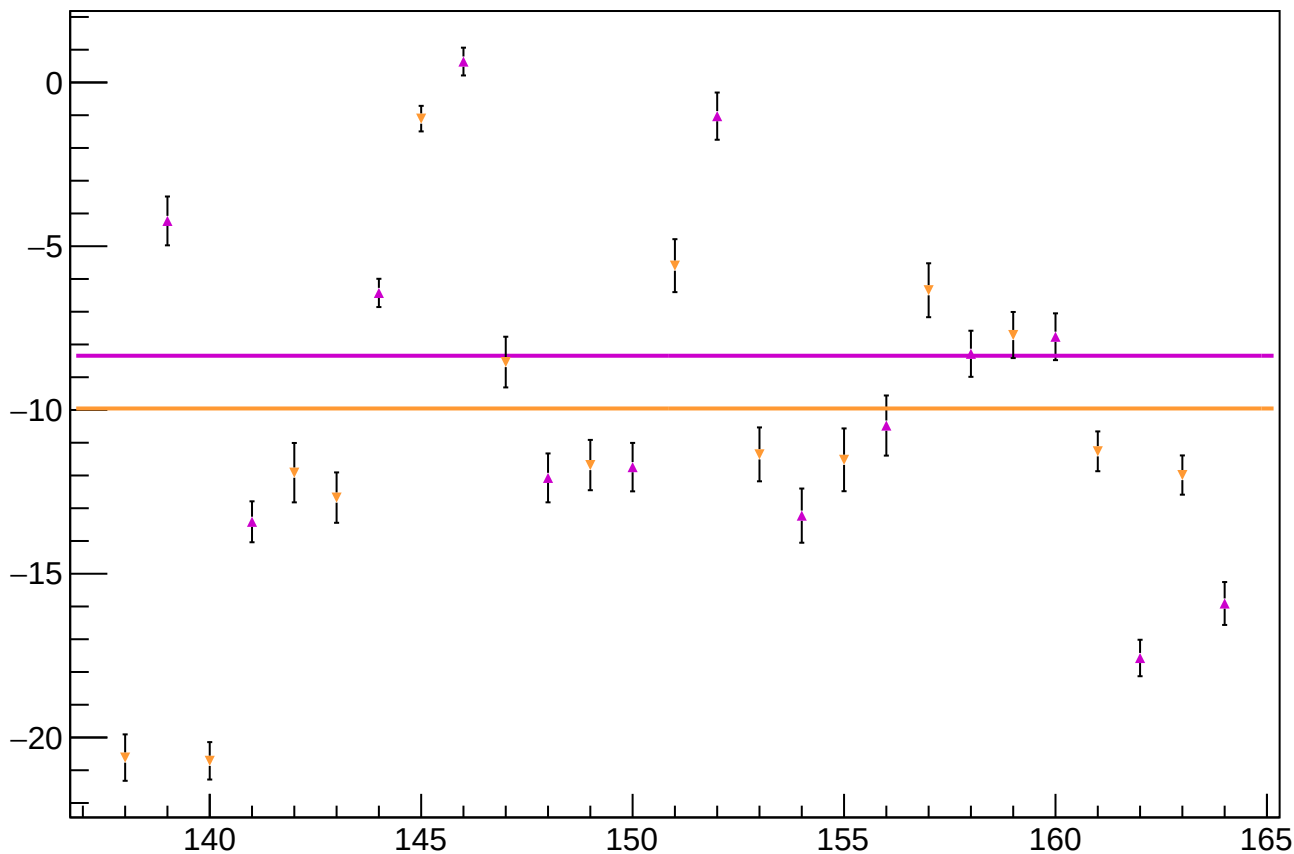
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.367 $\pm$ 0.003 χ^2 /NDF:120.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.347 $\pm$ 0.003 χ^2 /NDF:263.5/12

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.357 $\pm$ 0.002 χ^2 /NDF: 401.3/26
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

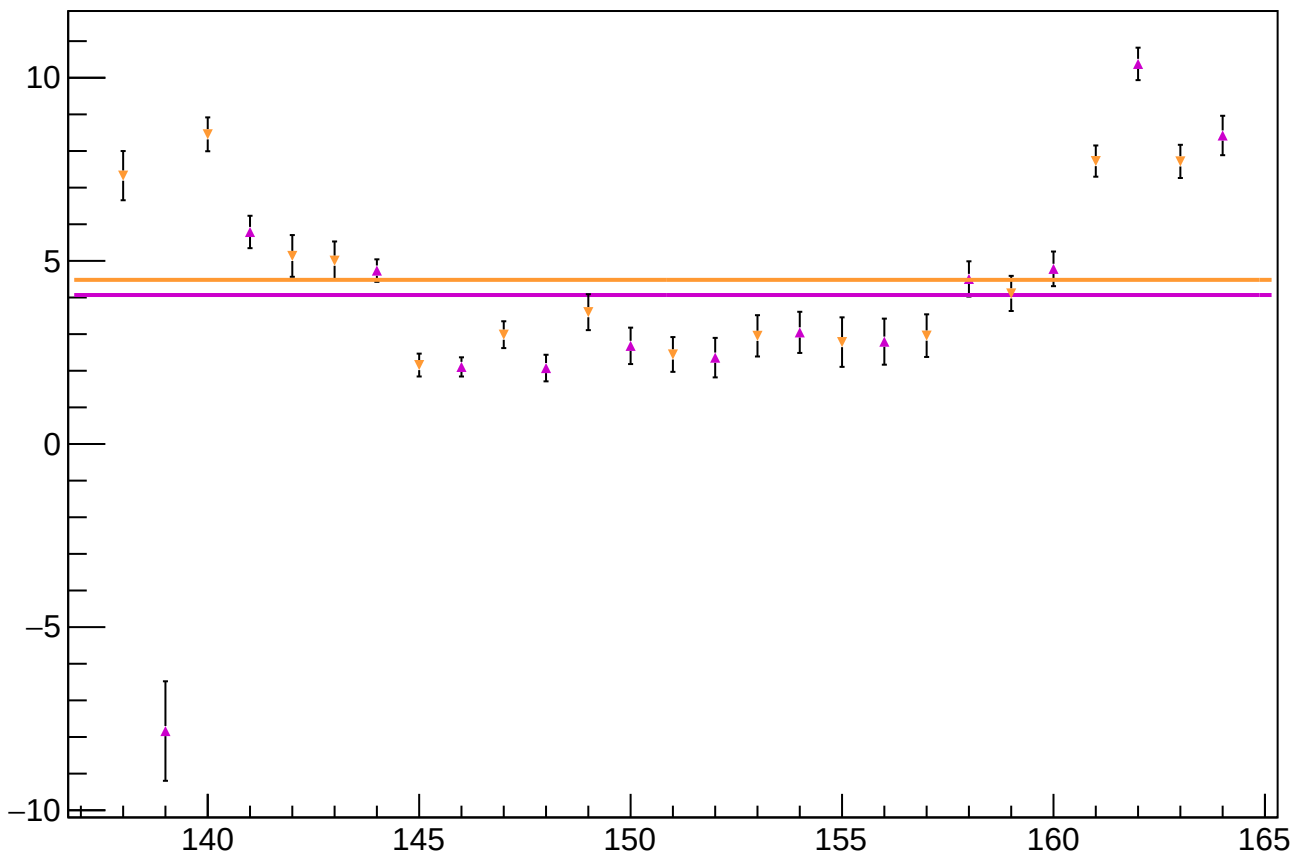
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.954 $\pm$ 0.180 χ^2 /NDF: 1201.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.344 $\pm$ 0.174 χ^2 /NDF: 1162.5/12

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -9.123 $\pm$ 0.125 χ^2 /NDF: 2405.3/26
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

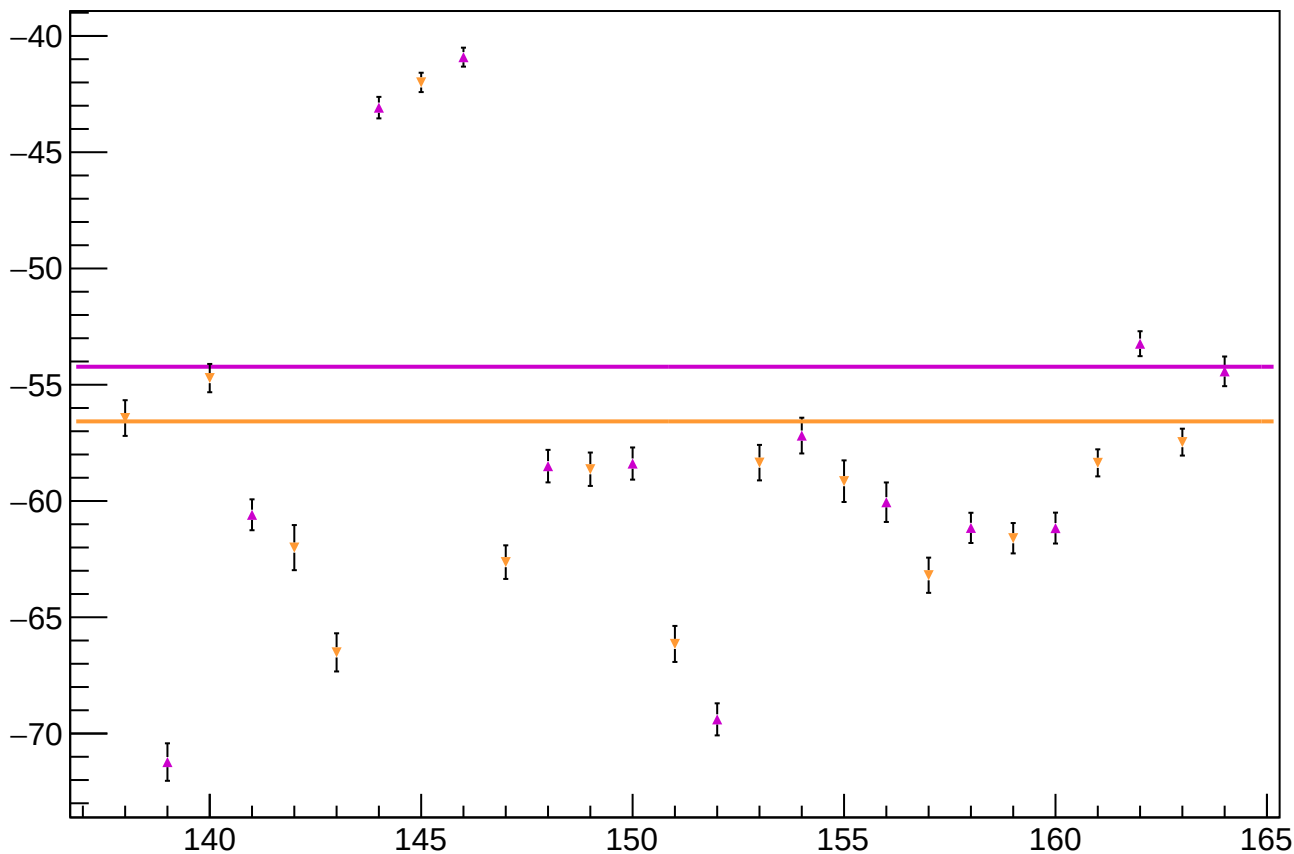
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.482+/-0.126 χ^2/NDF : 317.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.068+/-0.120 χ^2/NDF : 479.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.266+/-0.087 χ^2/NDF : 803.3/26
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -56.576+/-0.179 χ^2/NDF : 1807.9/13

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

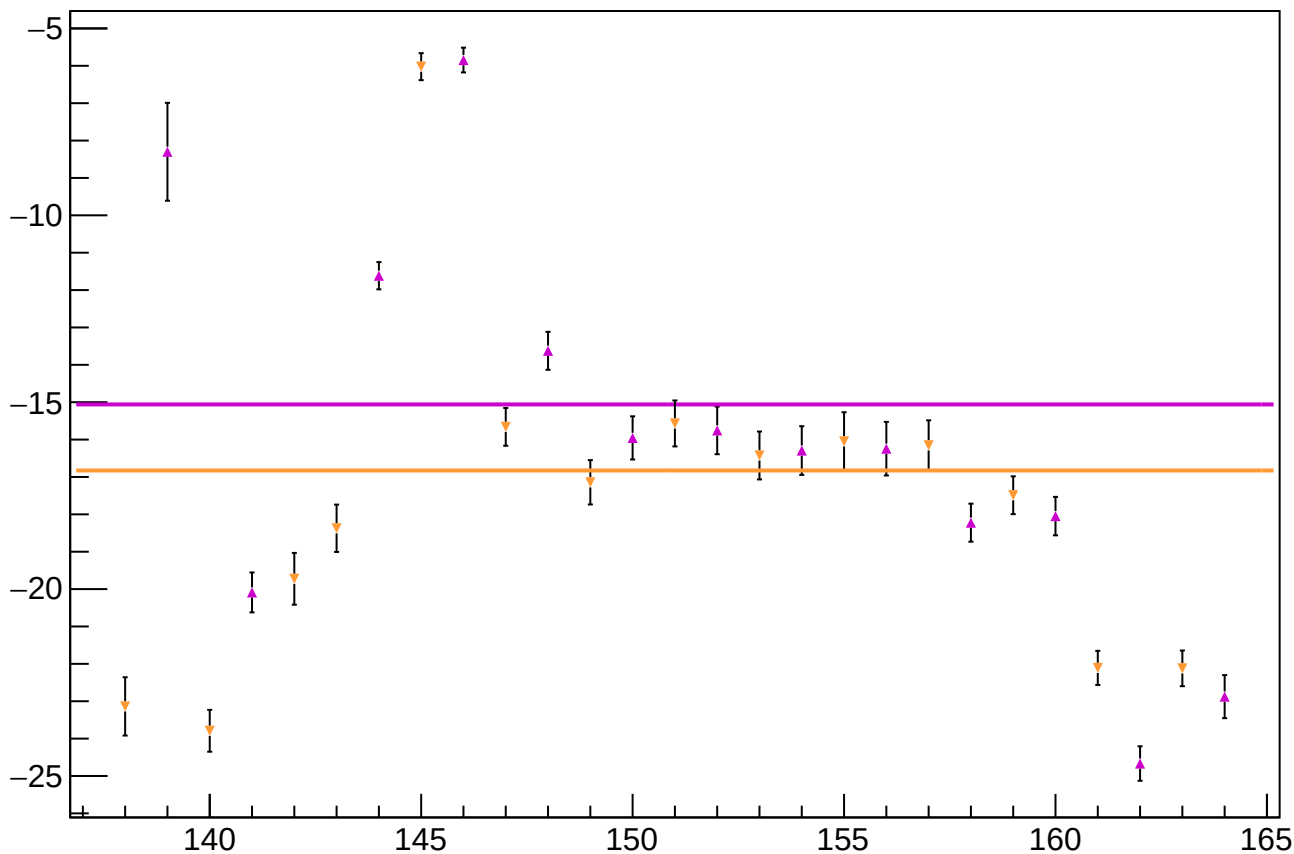
Left In: -54.226+/-0.171 χ^2/NDF : 3028.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.345+/-0.123 χ^2/NDF : 4927.0/26

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -16.826 $\pm$ 0.148 χ^2 /NDF:1411.2/13

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

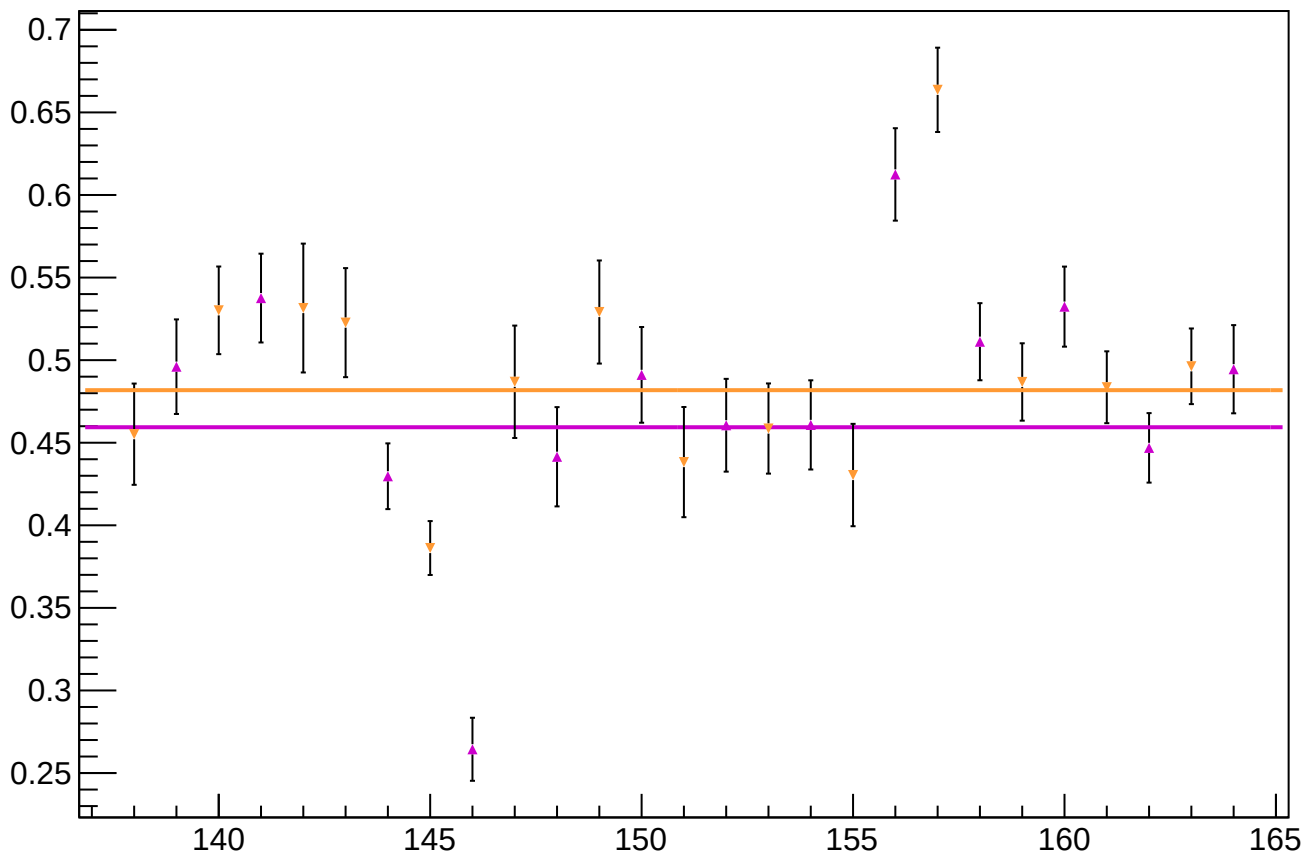
Left In: -15.059 $\pm$ 0.142 χ^2 /NDF:1686.2/12

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

All: -15.908 $\pm$ 0.102 χ^2 /NDF: 3171.9/26

- sign 0.000 $\pm$ 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: 0.482 $\pm$ 0.007 χ^2 /NDF:100.2/13

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

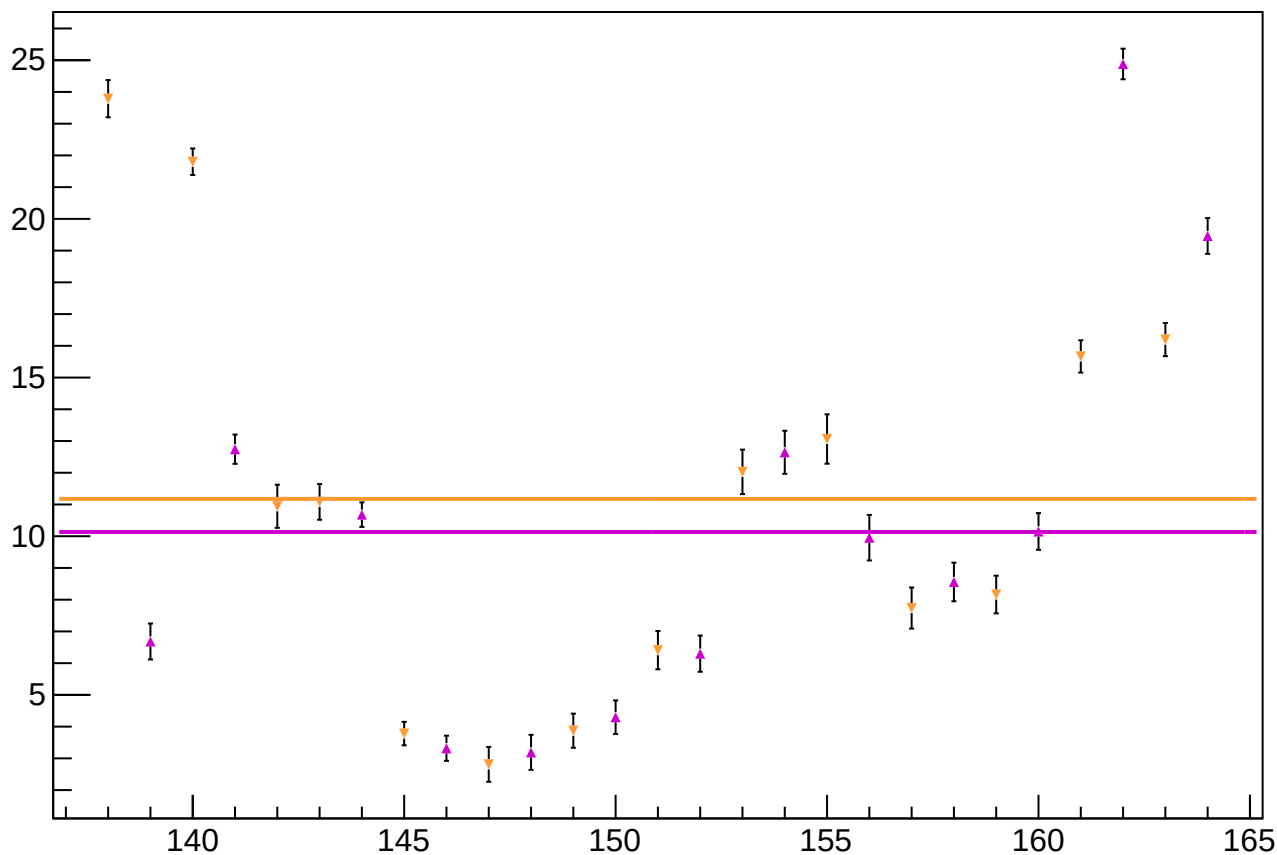
Left In: 0.459 $\pm$ 0.007 χ^2 /NDF:164.3/12

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

All: 0.470 $\pm$ 0.005 χ^2 /NDF: 269.7/26

- 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: 11.176 $\pm$ 0.145 χ^2 /NDF:2219.3/13

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

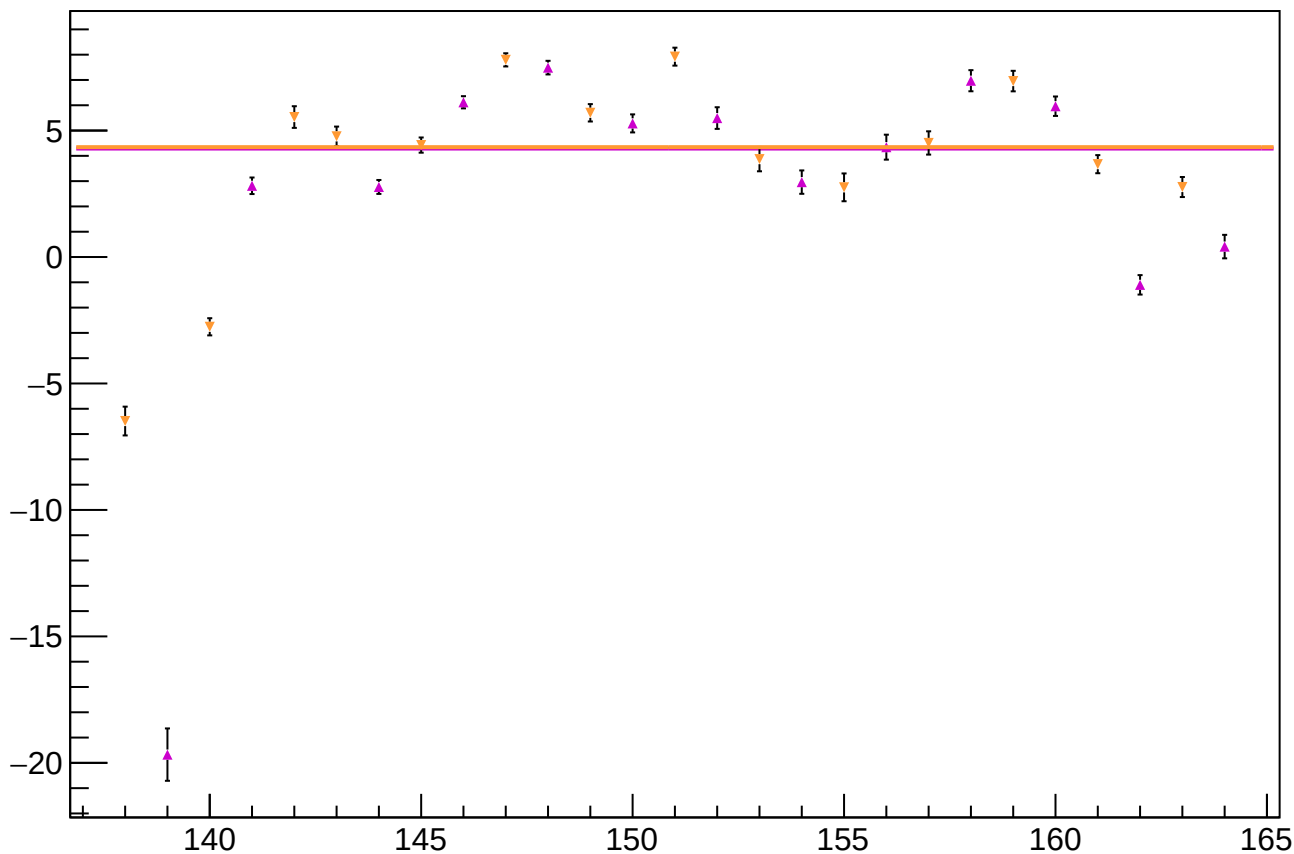
Left In: 10.134 $\pm$ 0.144 χ^2 /NDF:1921.8/12

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

All: 10.650 $\pm$ 0.102 χ^2 /NDF: 4166.9/26

- 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: 4.343 $\pm$ 0.101 χ^2 /NDF:1171.3/13

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

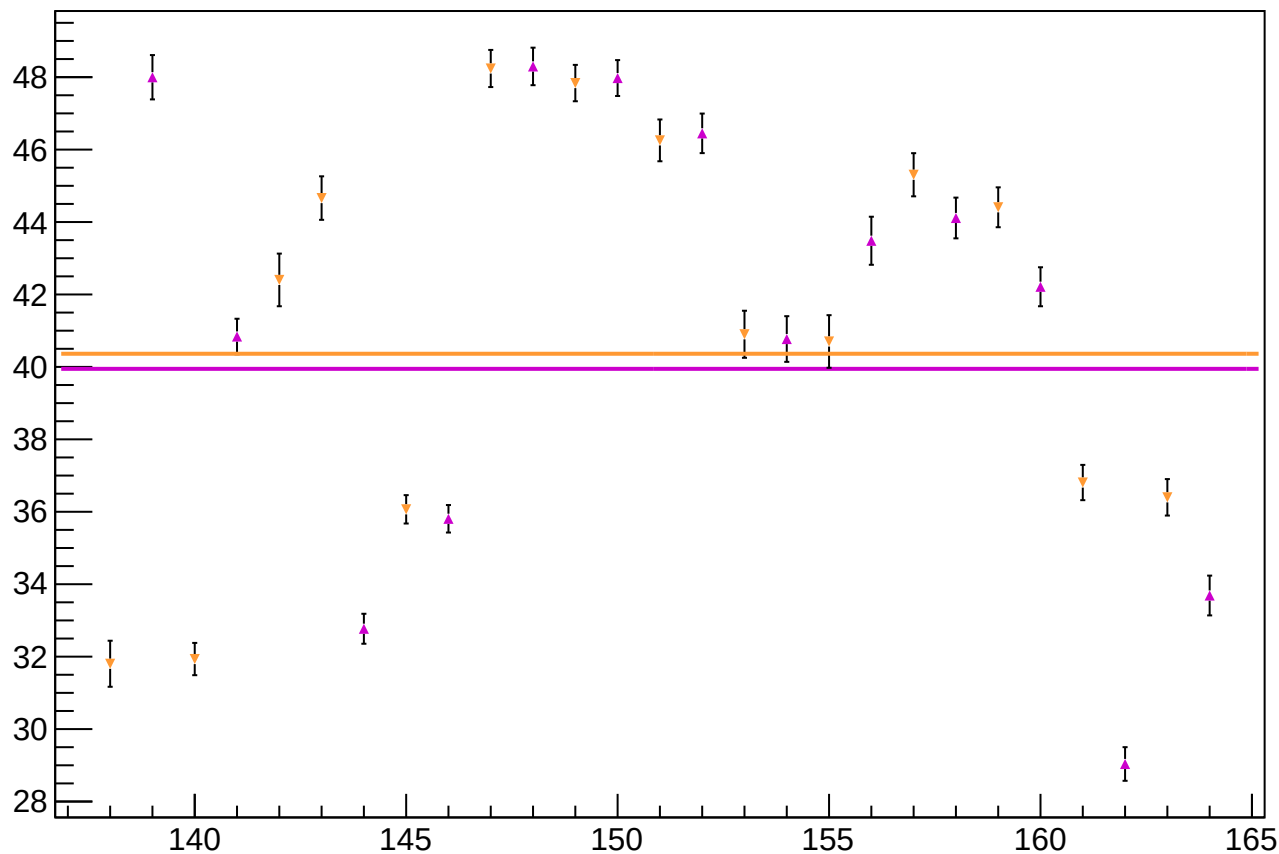
Left In: 4.289 $\pm$ 0.100 χ^2 /NDF:1135.0/12

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

All: 4.316 $\pm$ 0.071 χ^2 /NDF: 2306.5/26

- 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: 40.363+/-0.144 χ^2/NDF :1519.3/13

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

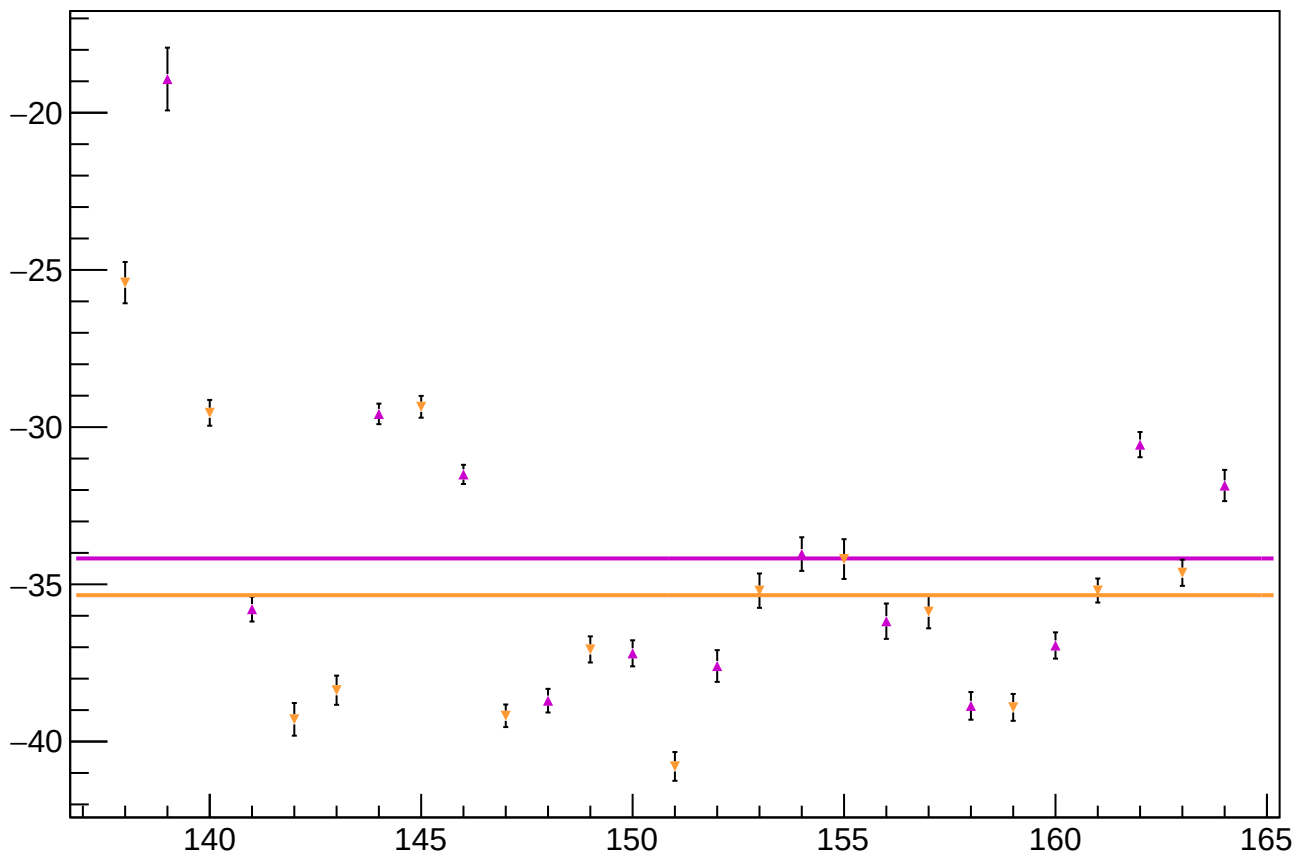
Left In: 39.946+/-0.141 χ^2/NDF :2044.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.150+/-0.101 χ^2/NDF : 3568.3/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -35.345+/-0.119 χ^2/NDF : 1177.9/13

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

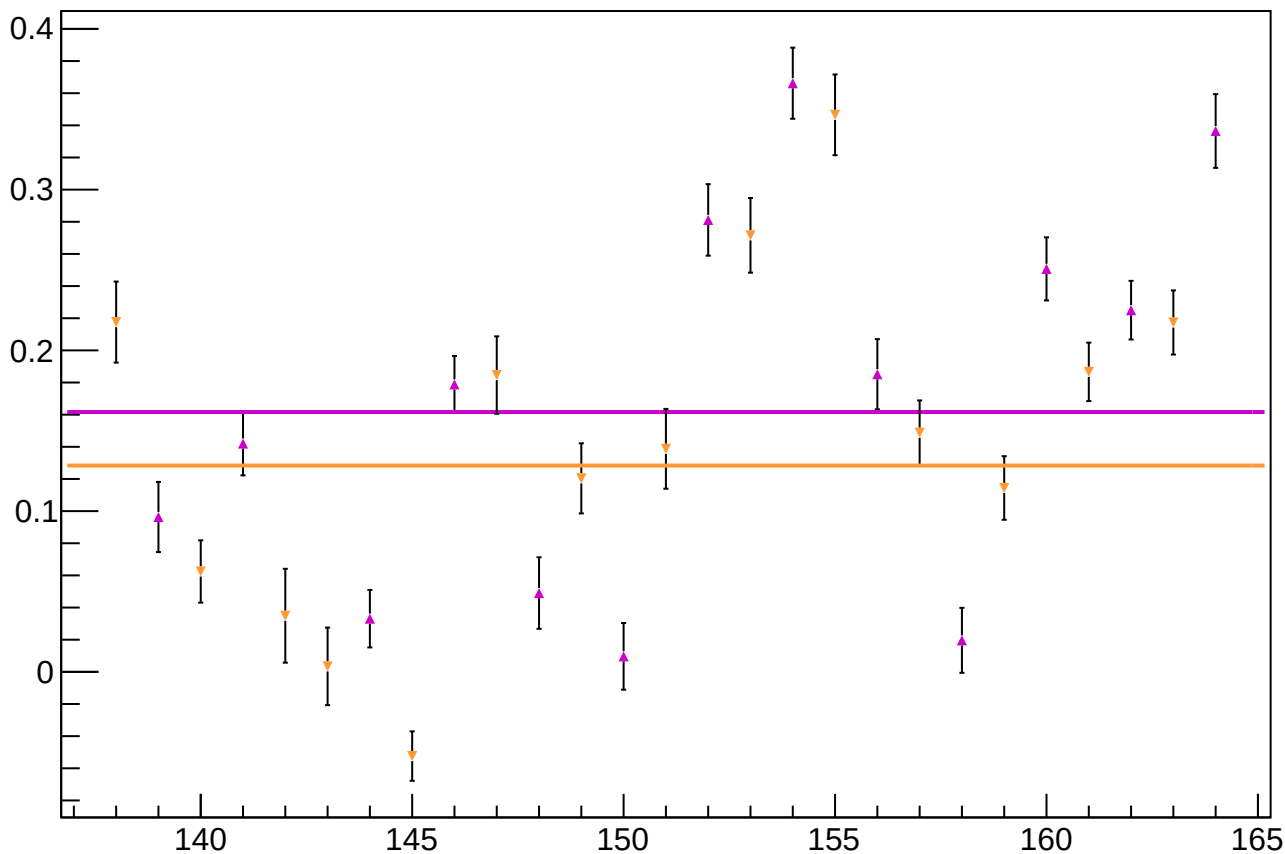
Left In: -34.177+/-0.118 χ^2/NDF : 1042.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.755+/-0.084 χ^2/NDF : 2268.8/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

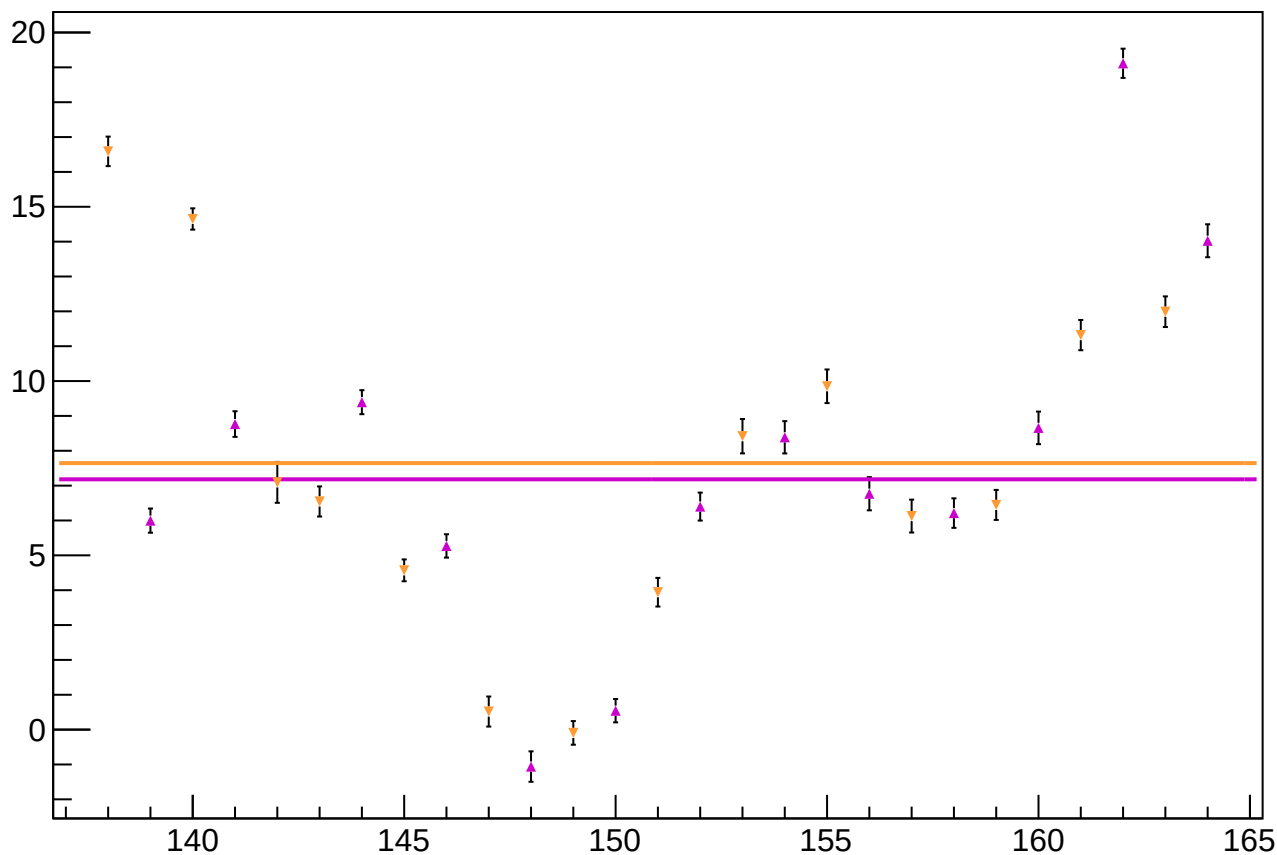
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.128 $\pm$ 0.006 χ^2 /NDF:350.2/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.162 $\pm$ 0.006 χ^2 /NDF:397.6/12

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.145 $\pm$ 0.004 χ^2 /NDF: 765.0/26
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

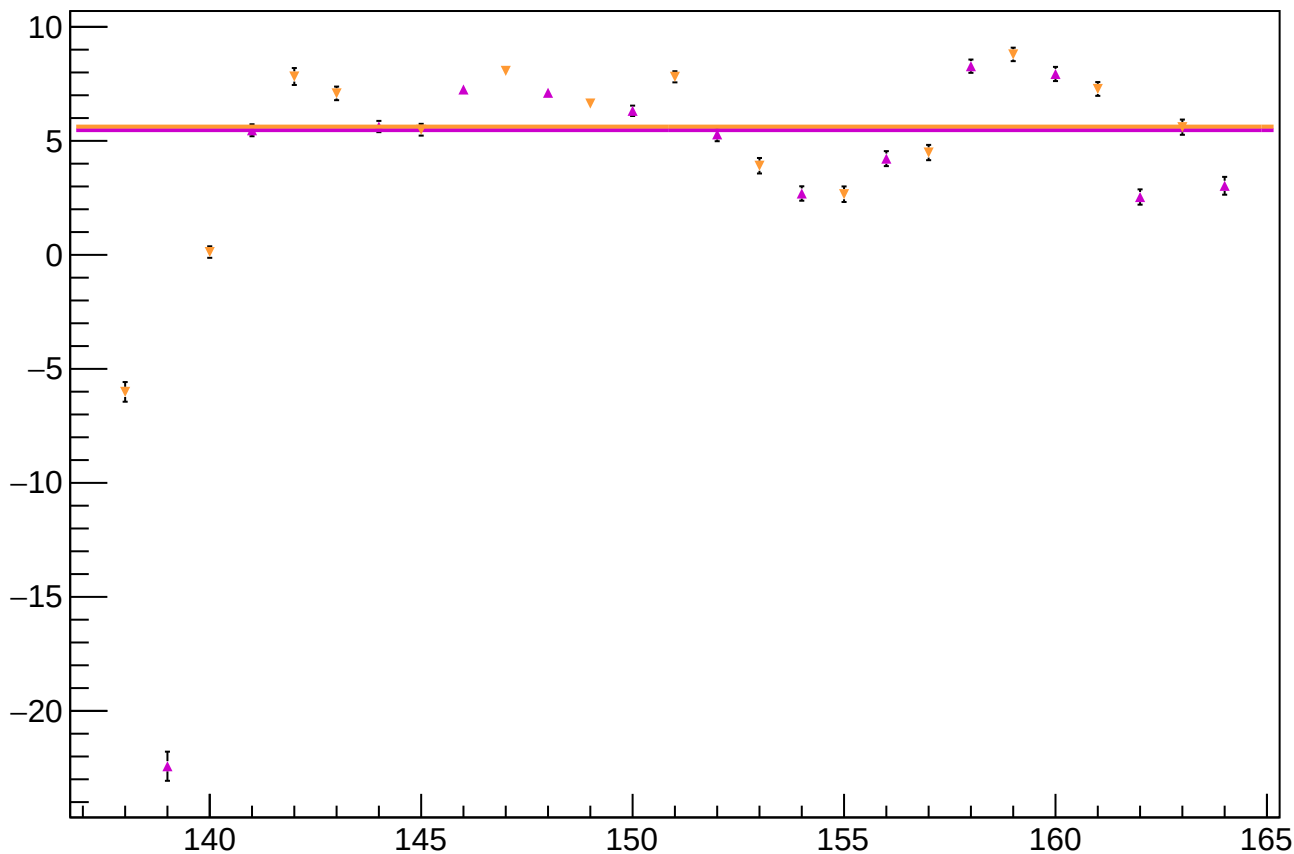
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.646+/-0.109 χ^2/NDF :2161.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.181+/-0.110 χ^2/NDF :1898.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.415+/-0.078 χ^2/NDF : 4069.5/26
 - 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: 5.625 $\pm$ 0.076 χ^2 /NDF:1757.5/13

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

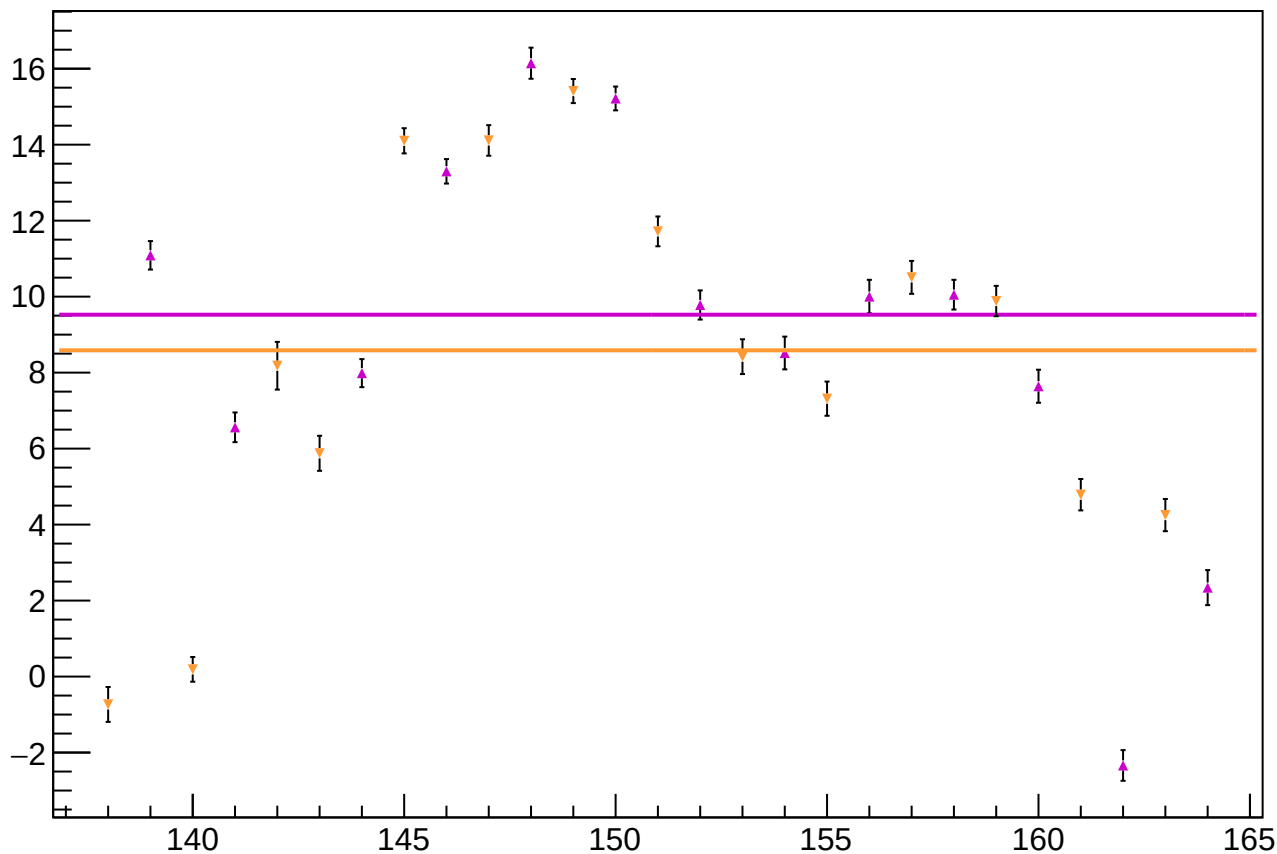
Left In: 5.471 $\pm$ 0.078 χ^2 /NDF:2410.7/12

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

All: 5.550 $\pm$ 0.054 χ^2 /NDF: 4170.2/26

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

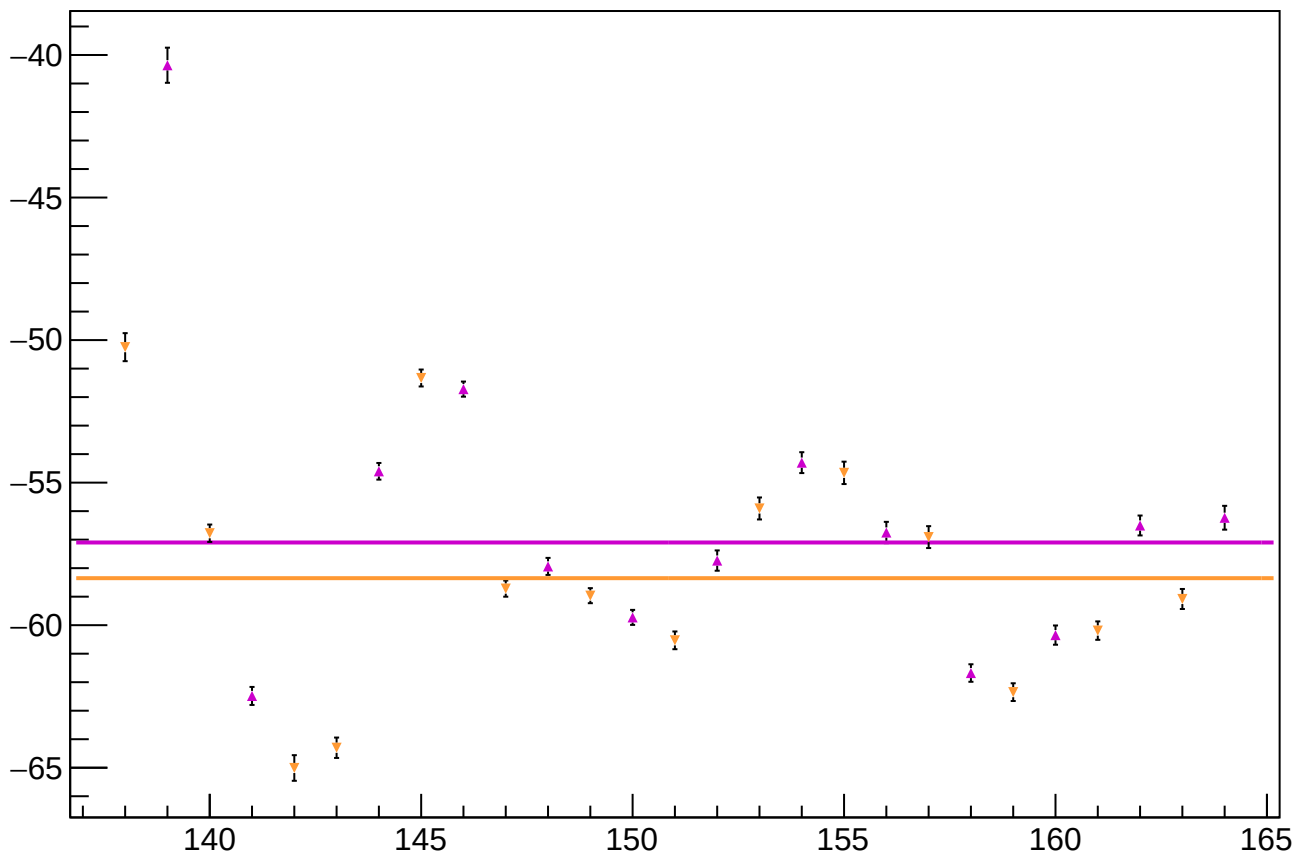
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.587 $\pm$ 0.108 χ^2 /NDF:2331.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 9.524 $\pm$ 0.107 χ^2 /NDF:1954.6/12

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 9.058 $\pm$ 0.076 χ^2 /NDF: 4324.3/26
 - sign 0.000 $\pm$ 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: -58.351+/-0.090 χ^2/NDF :1753.2/13

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

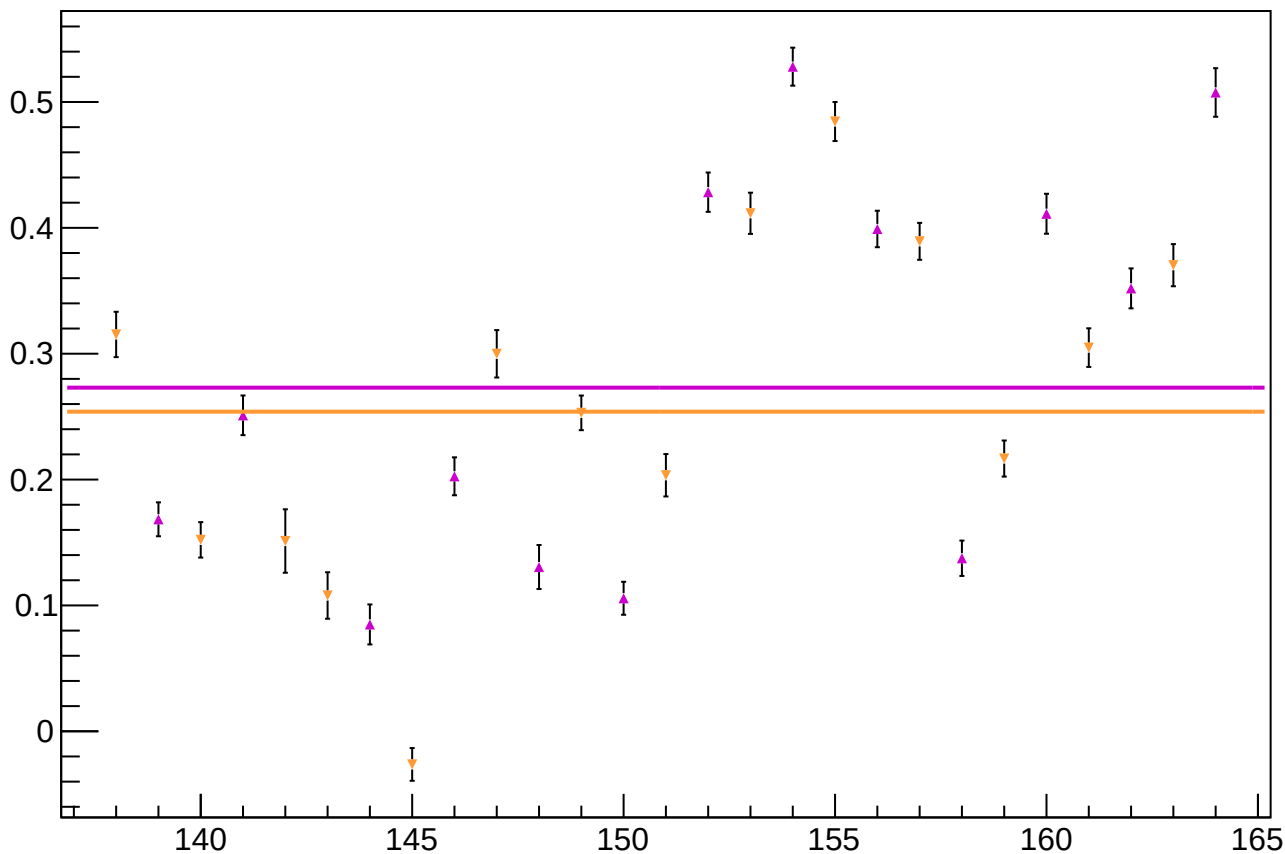
Left In: -57.100+/-0.091 χ^2/NDF :2005.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.736+/-0.064 χ^2/NDF : 3854.3/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.254+/-0.004 χ^2/NDF :1086.7/13

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

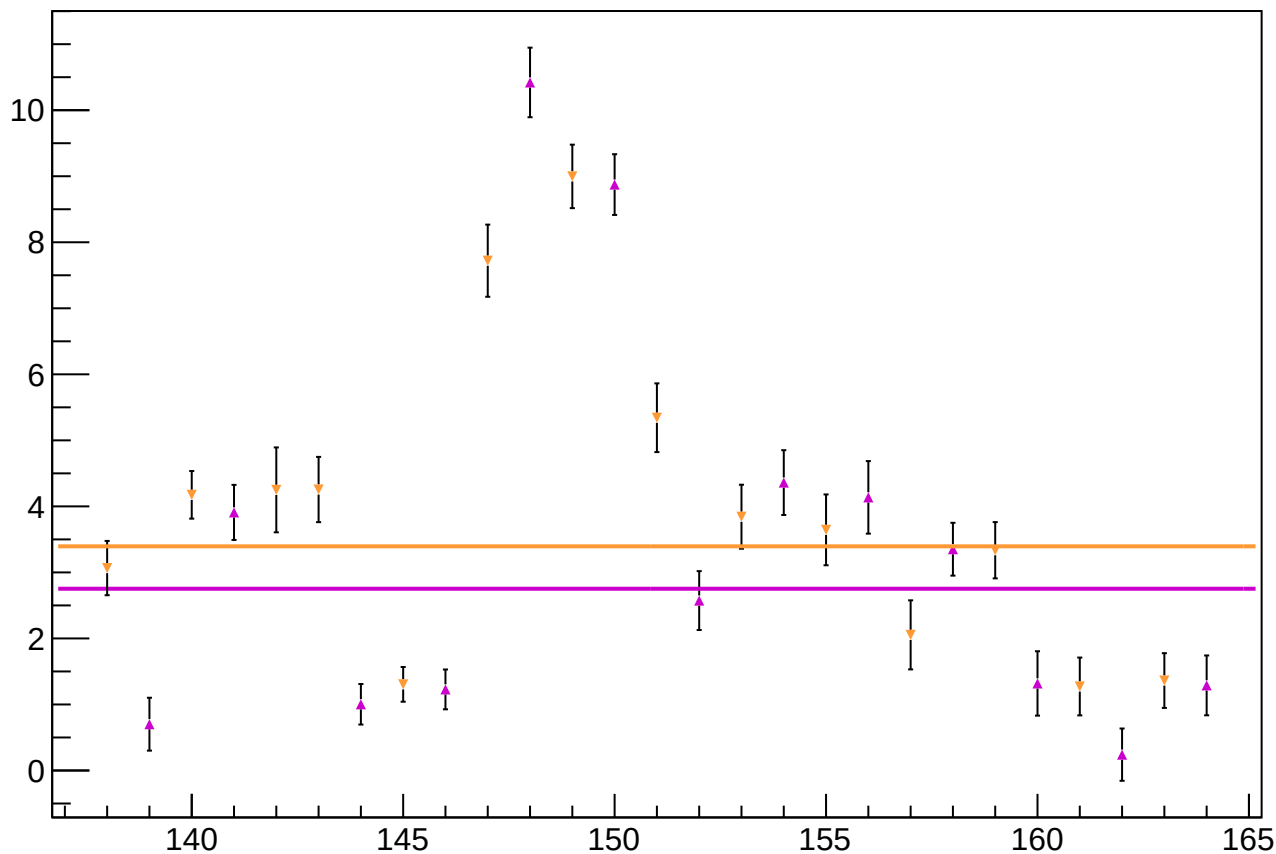
Left In: 0.273+/-0.004 χ^2/NDF :1255.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.264+/-0.003 χ^2/NDF : 2351.9/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

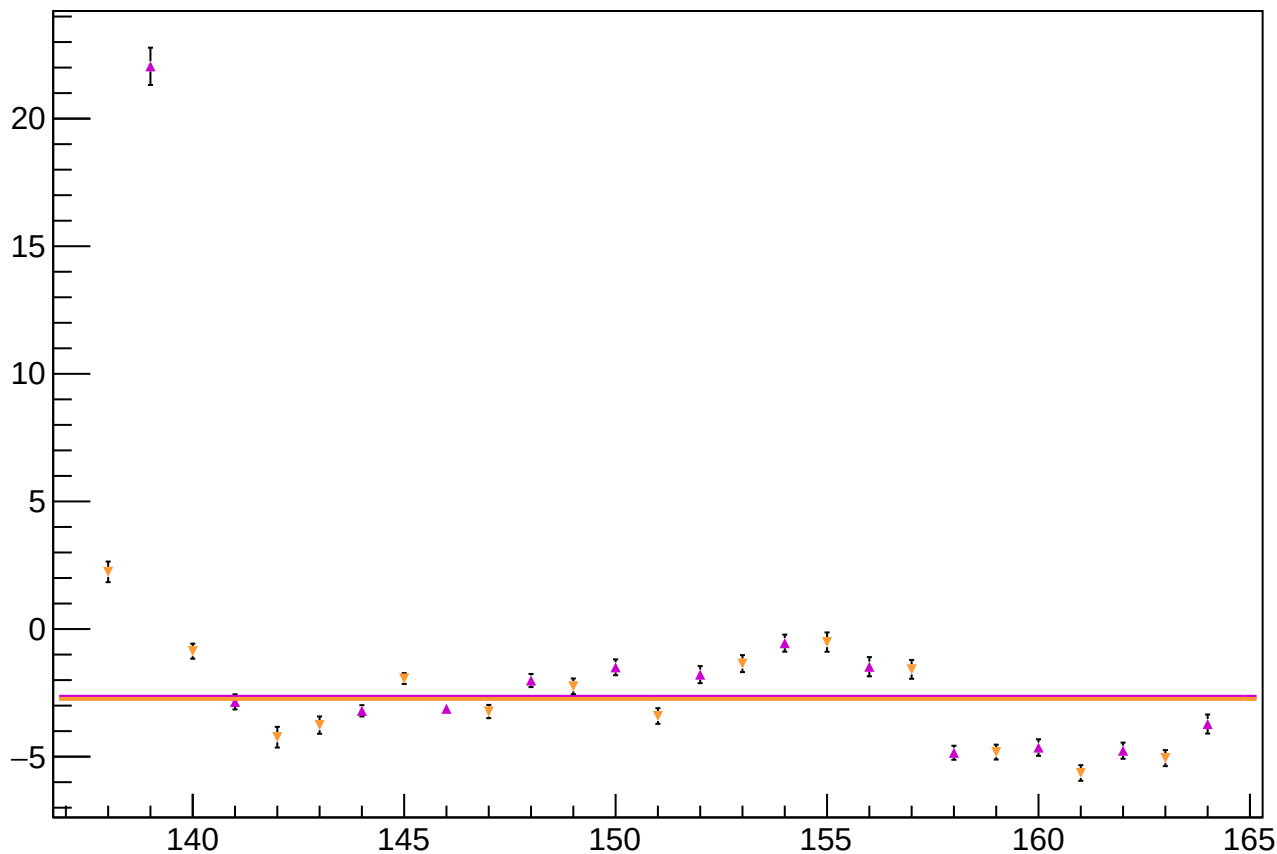
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 3.395 ± 0.116 $\chi^2/\text{NDF}: 341.1/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 2.753 ± 0.115 $\chi^2/\text{NDF}: 559.9/12$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 3.069 ± 0.082 $\chi^2/\text{NDF}: 916.5/26$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -2.737+/-0.083 χ^2/NDF : 497.5/13

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

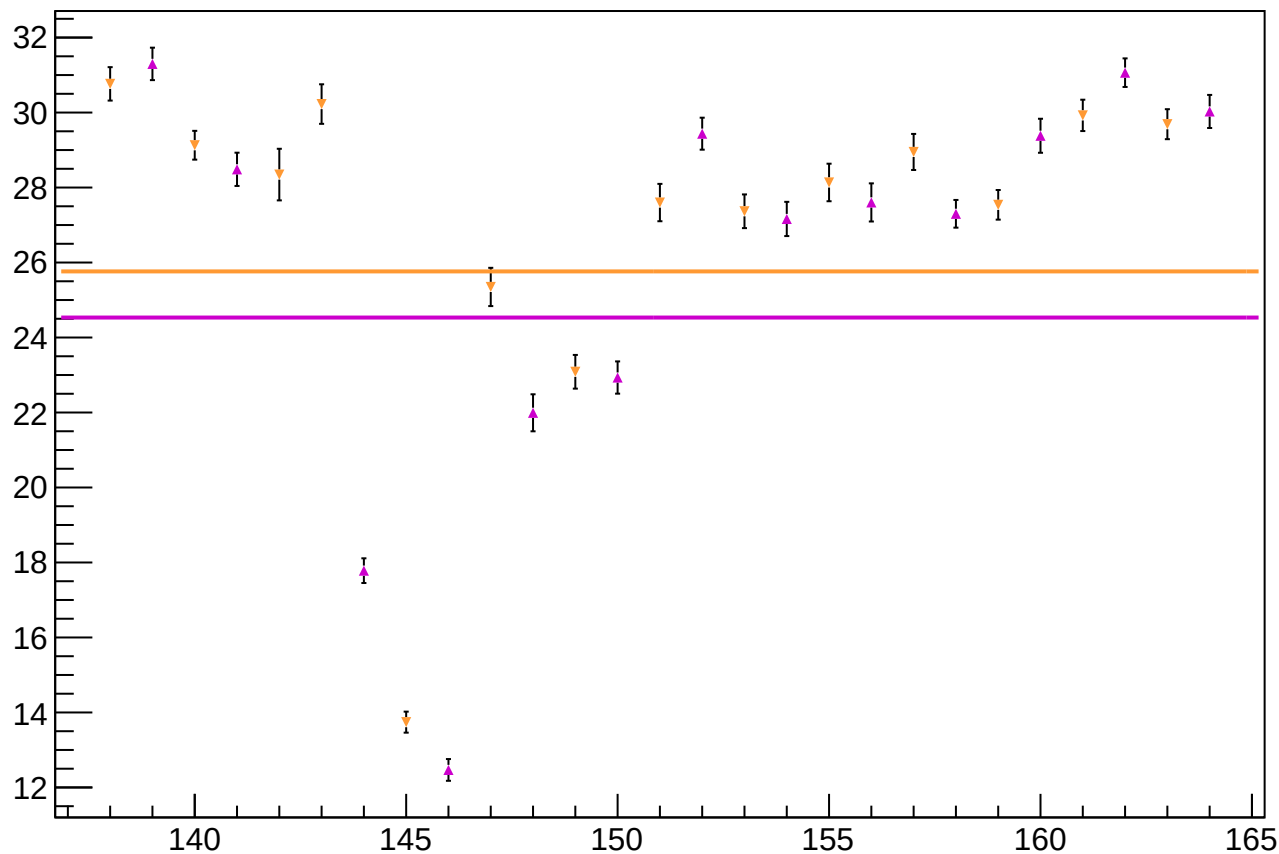
Left In: -2.655+/-0.081 χ^2/NDF : 1385.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.696+/-0.058 χ^2/NDF : 1883.0/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 25.763+/-0.116 χ^2/NDF :2471.5/13

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

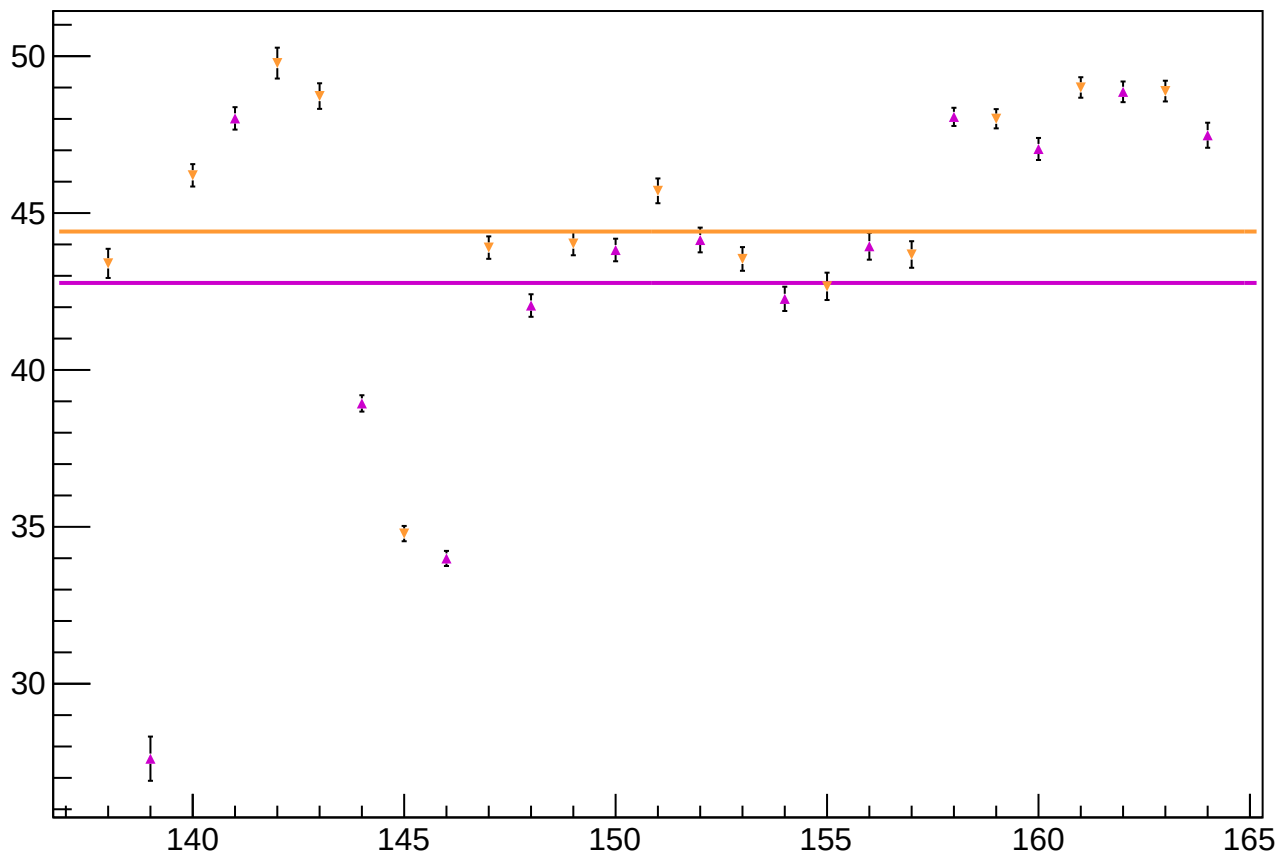
Left In: 24.533+/-0.112 χ^2/NDF :3335.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.129+/-0.081 χ^2/NDF : 5865.4/26

- 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: 44.411+/-0.096 χ^2/NDF :2374.2/13

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

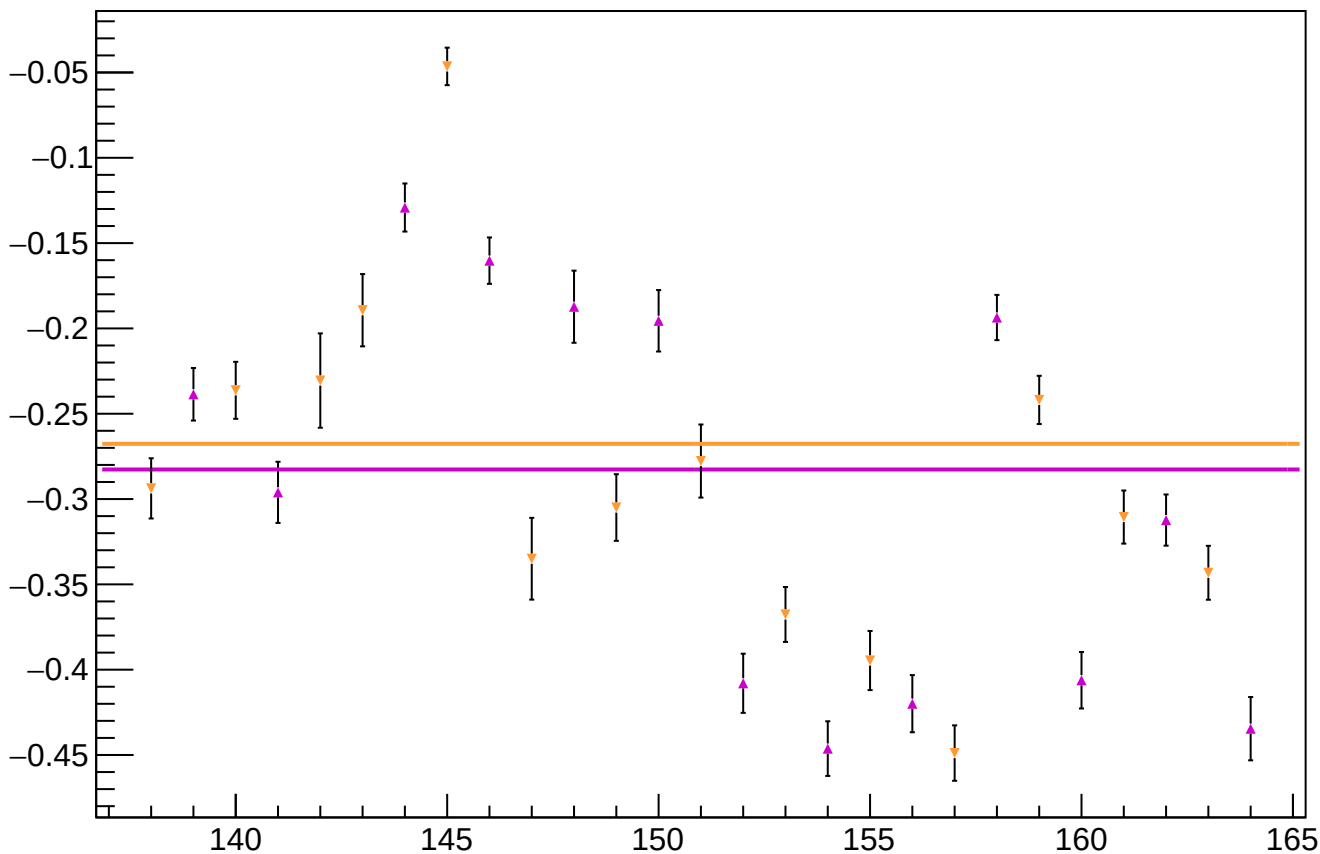
Left In: 42.773+/-0.095 χ^2/NDF :3223.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.579+/-0.068 χ^2/NDF : 5745.1/26

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.268 $\pm$ 0.005 χ^2 /NDF:689.1/13

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

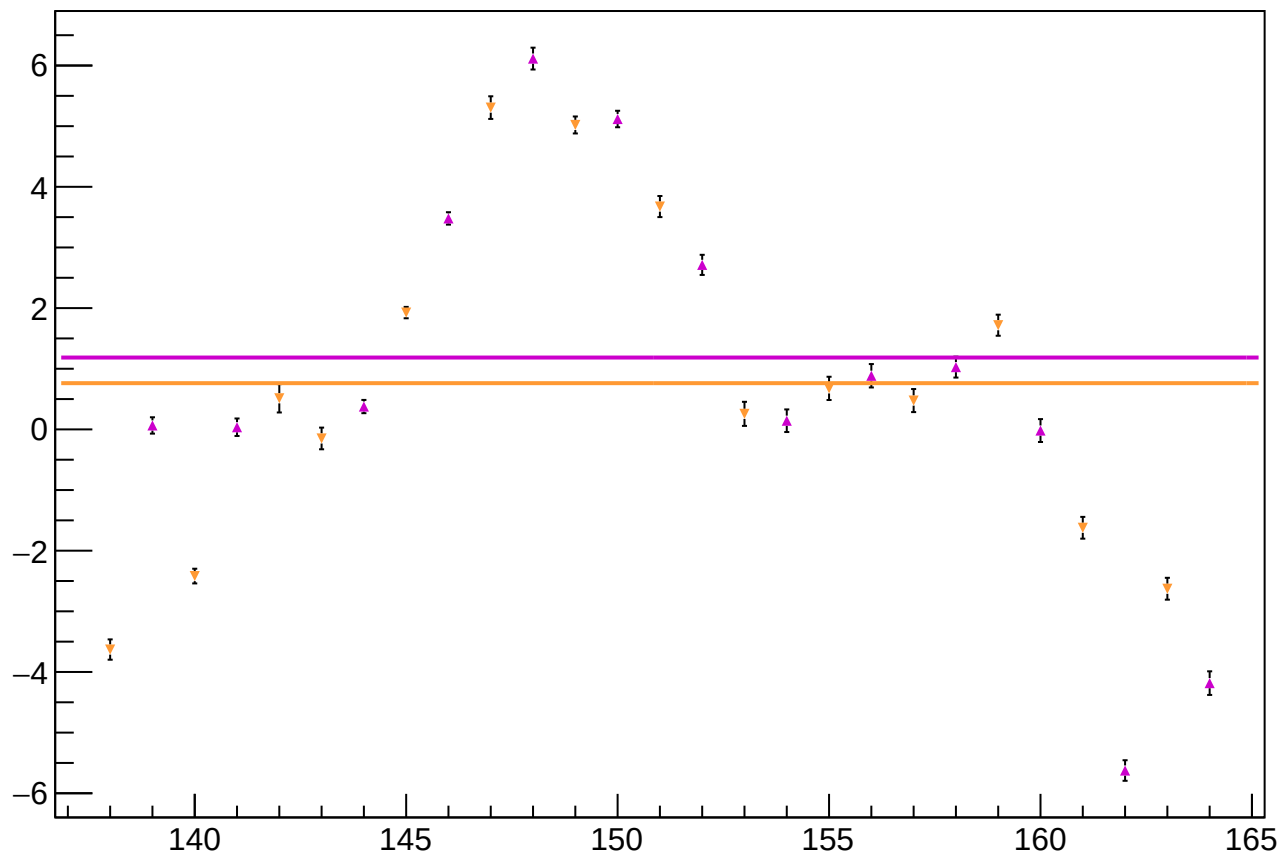
Left In: -0.283 $\pm$ 0.004 χ^2 /NDF:647.5/12

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

All: -0.275 $\pm$ 0.003 χ^2 /NDF: 1342.3/26

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

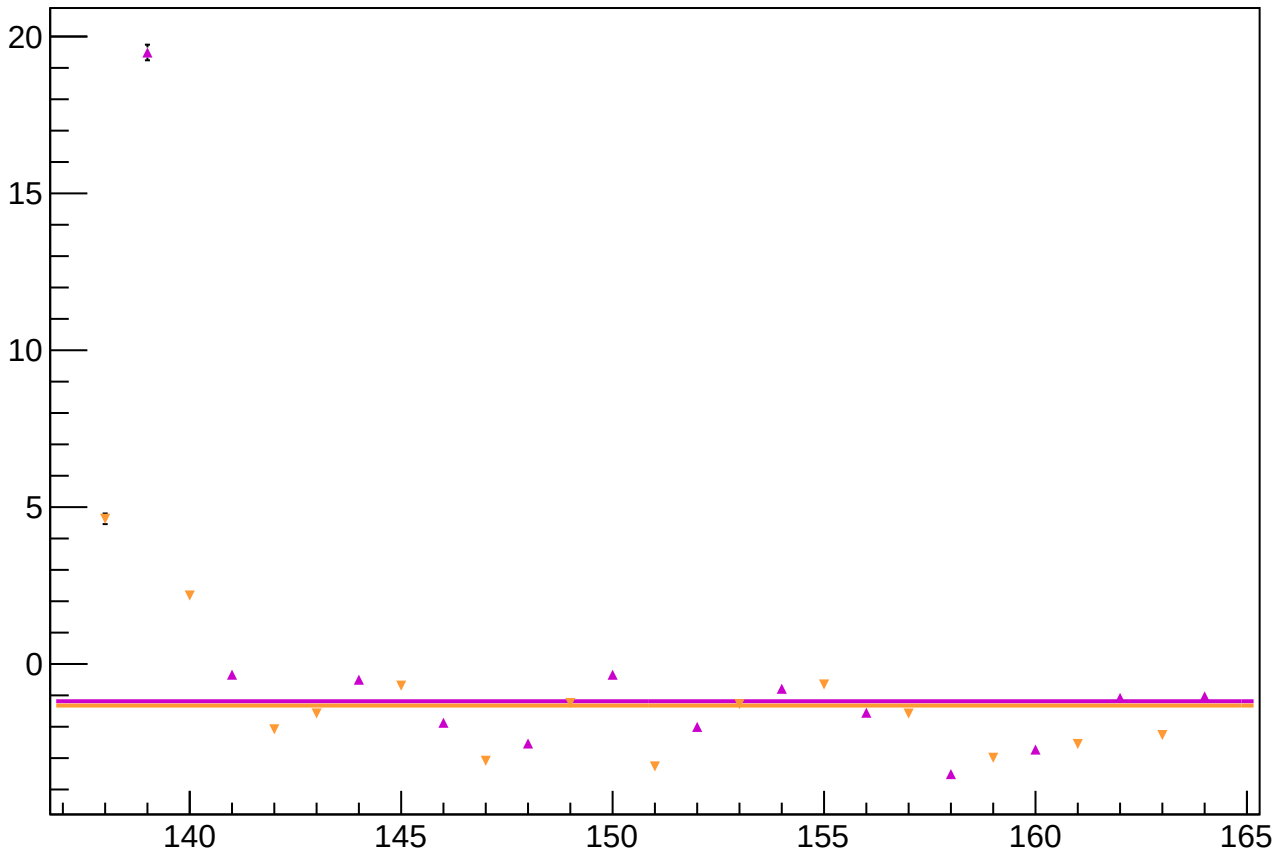
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.762+/-0.042 χ^2/NDF :3925.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.185+/-0.041 χ^2/NDF :4809.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.979+/-0.030 χ^2/NDF : 8786.2/26
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

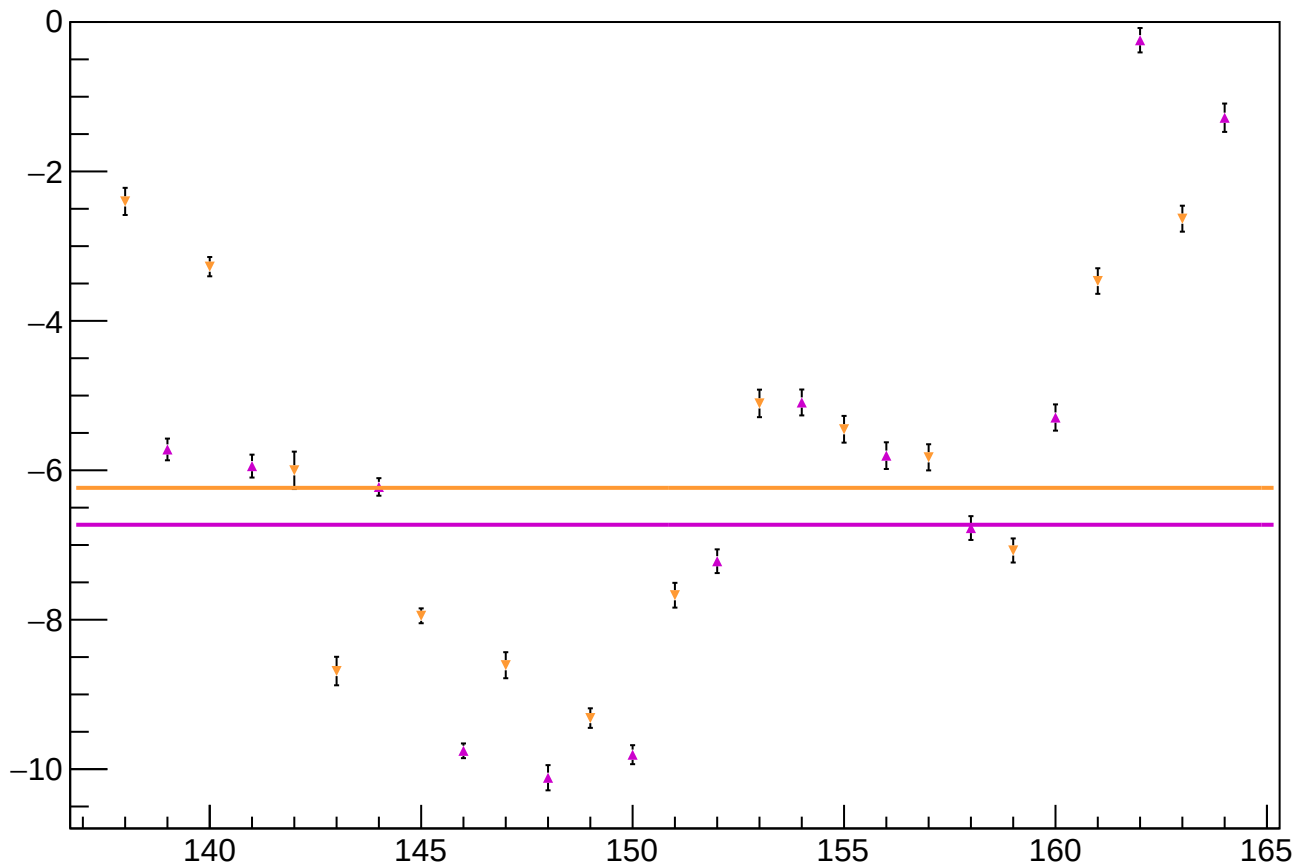
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.325+/-0.030 χ^2/NDF : 3674.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.187+/-0.029 χ^2/NDF : 8045.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.255+/-0.021 χ^2/NDF : 11730.8/26
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: -6.235+/-0.042 χ^2/NDF : 3028.7/13

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

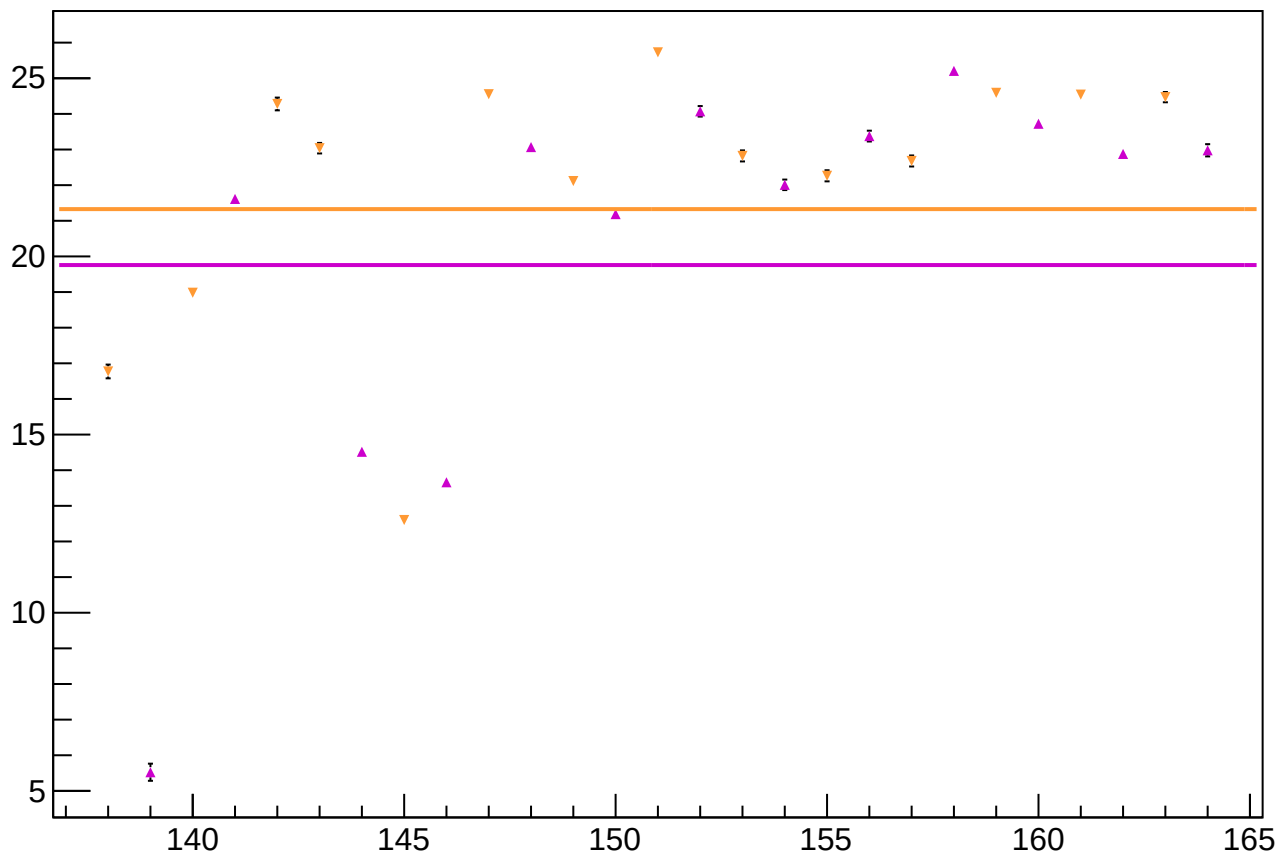
Left In: -6.729+/-0.041 χ^2/NDF : 4619.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.491+/-0.029 χ^2/NDF : 7718.9/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 21.328+/-0.035 χ^2/NDF :14909.5/13

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

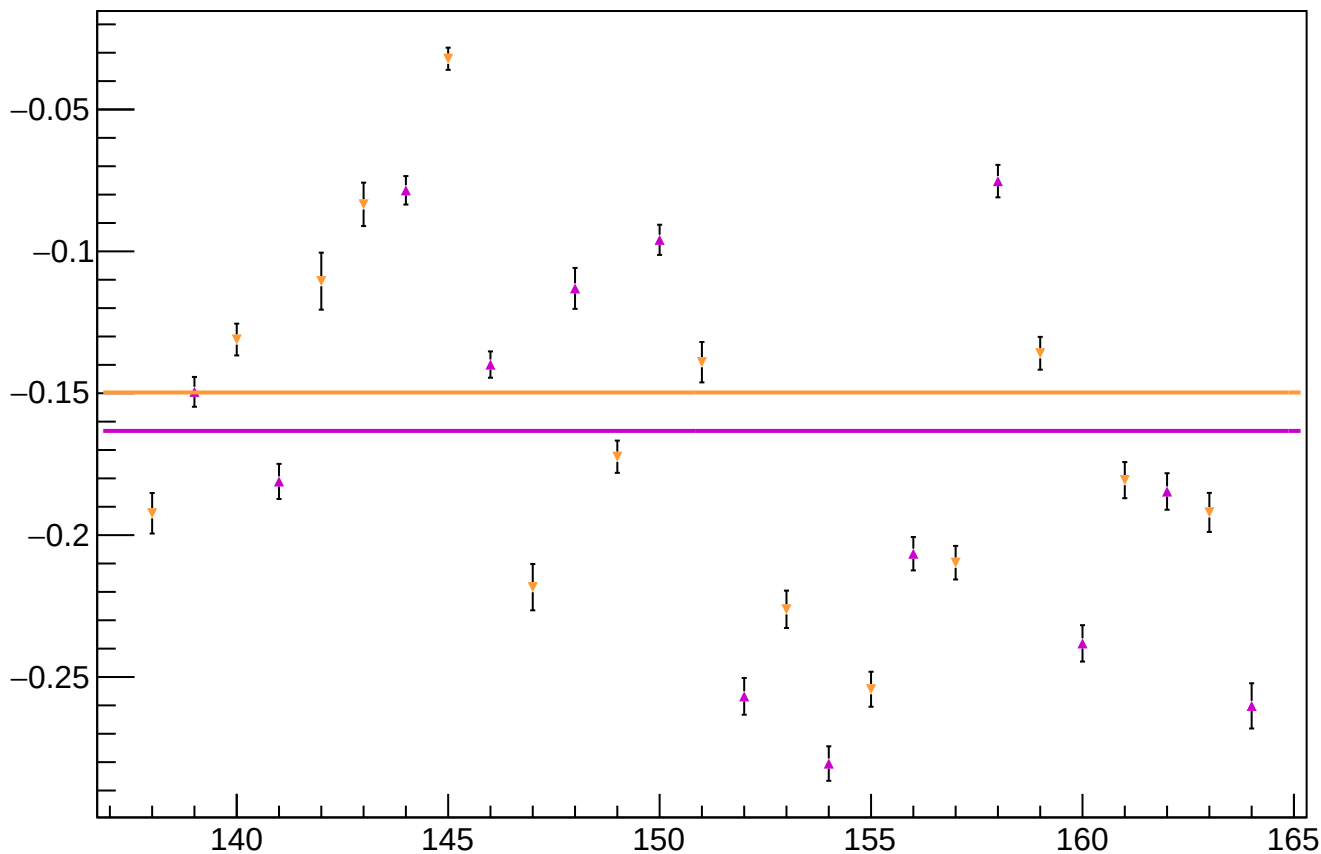
Left In: 19.757+/-0.035 χ^2/NDF :18547.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.525+/-0.025 χ^2/NDF : 34466.0/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

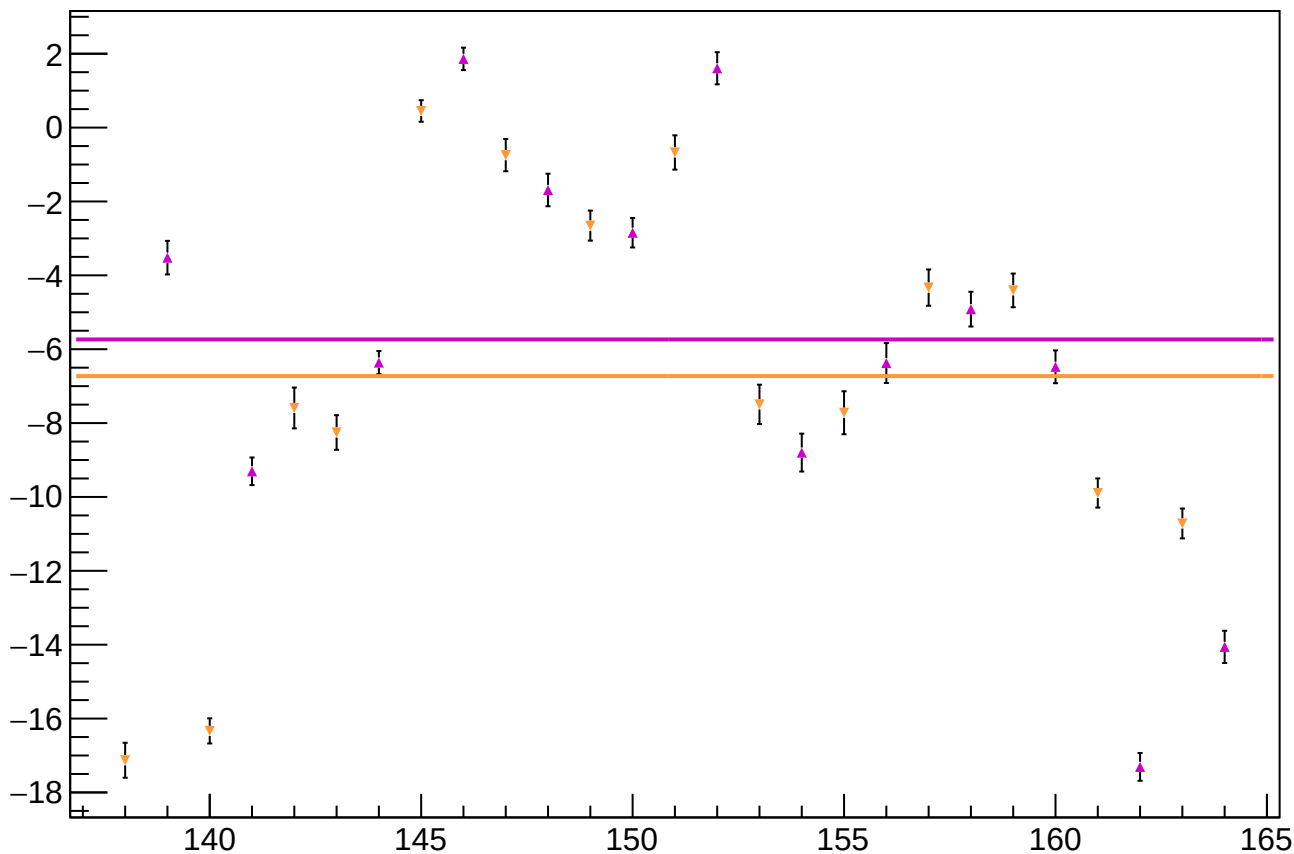
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.150+/-0.002 χ^2/NDF : 1723.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.163+/-0.002 χ^2/NDF : 1701.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.157+/-0.001 χ^2/NDF : 3458.7/26
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

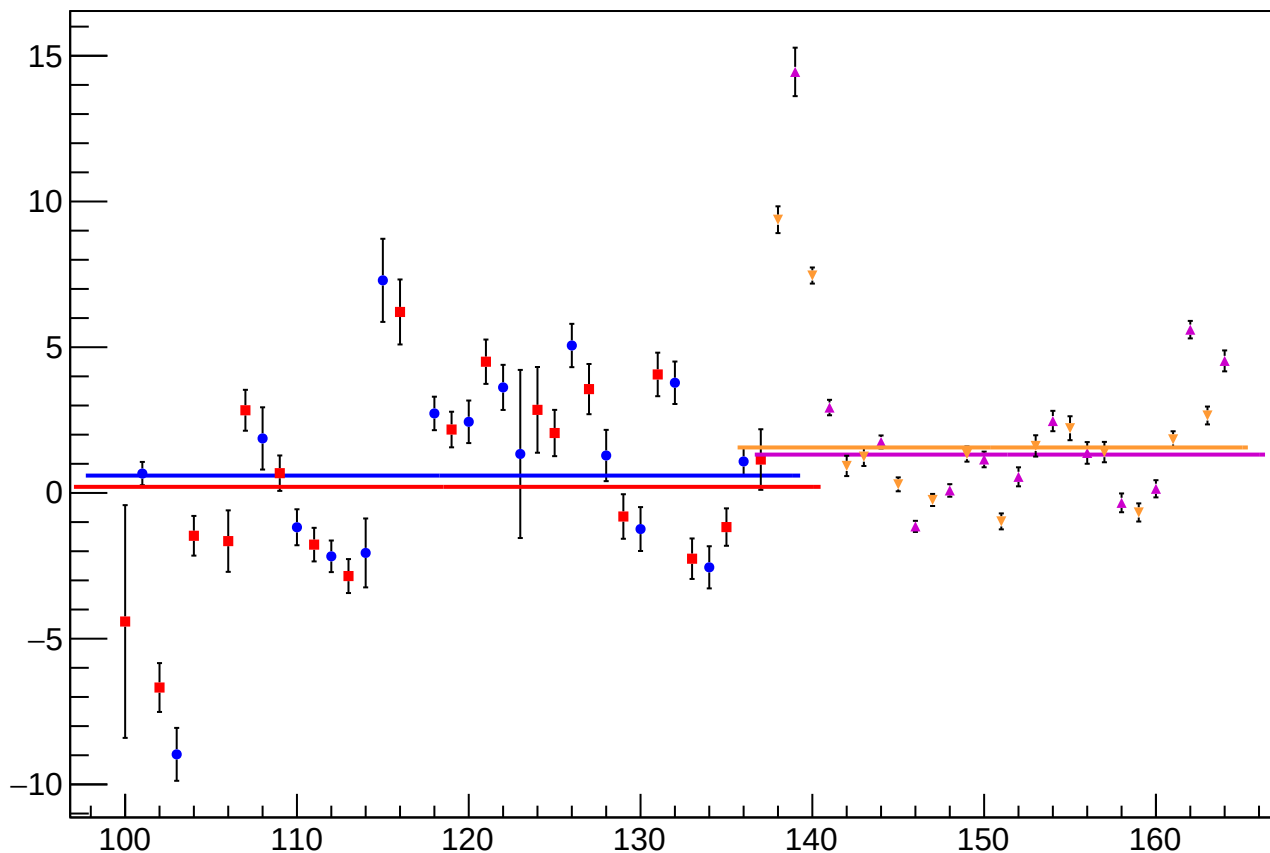
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.728+/-0.114 χ^2/NDF : 2573.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.736+/-0.113 χ^2/NDF : 2518.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.224+/-0.080 χ^2/NDF : 5130.8/26
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 1.561 ± 0.079 χ^2/NDF : 1007.7/13

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

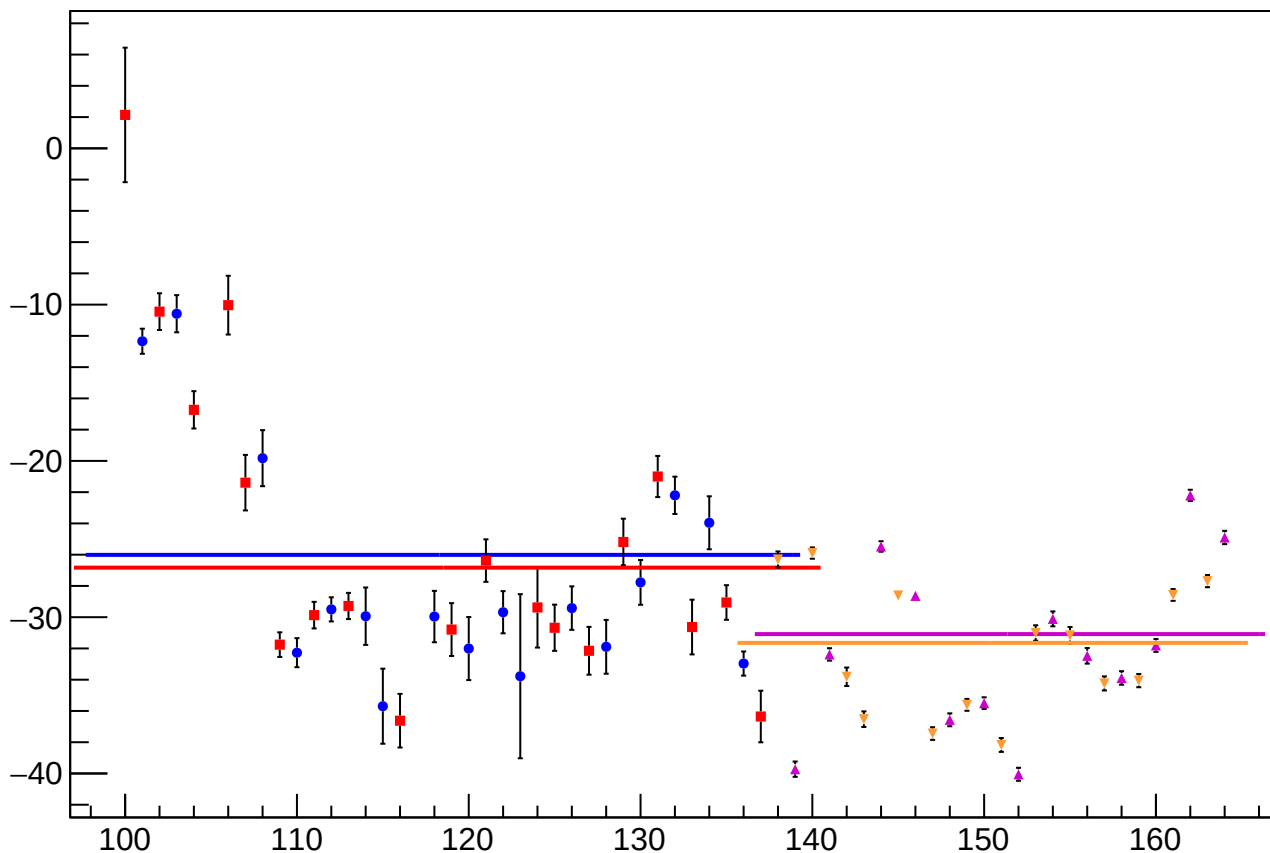
Left In: 1.316 ± 0.078 χ^2/NDF : 832.3/12

+ sign 1.388 ± 0.072 χ^2/NDF : 1325.6/30

All: 1.259 ± 0.051 χ^2/NDF : 2471.3/62

- sign 1.131 ± 0.071 χ^2/NDF : 1139.3/31

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -31.644 ± 0.113 χ^2/NDF : 1330.5/13

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

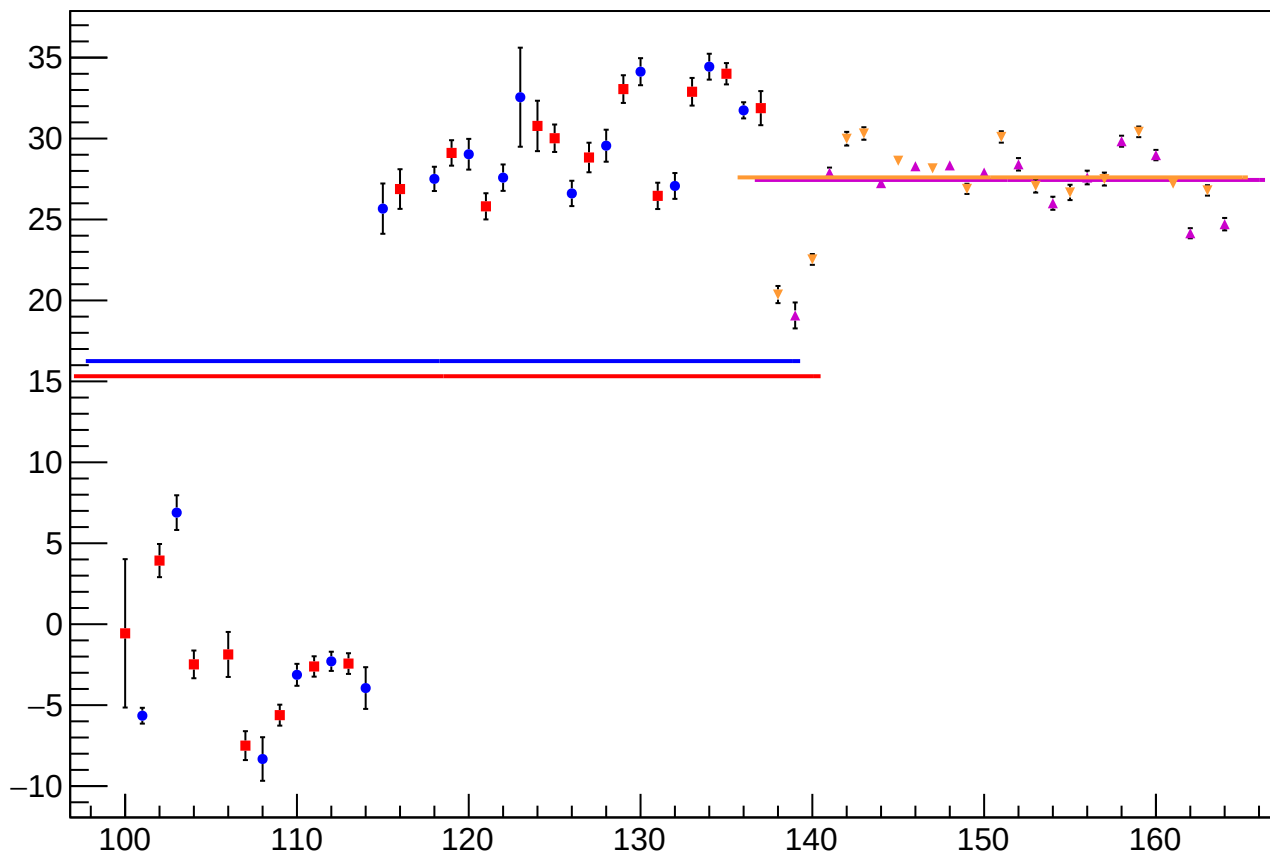
Left In: -31.081 ± 0.110 χ^2/NDF : 2318.7/12

+ sign -30.942 ± 0.106 χ^2/NDF : 2332.8/30

All: -30.751 ± 0.074 χ^2/NDF : 5419.3/62

- sign -30.570 ± 0.103 χ^2/NDF : 3080.0/31

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: 27.600 $\pm$ 0.093 χ^2 /NDF: 657.6/13

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

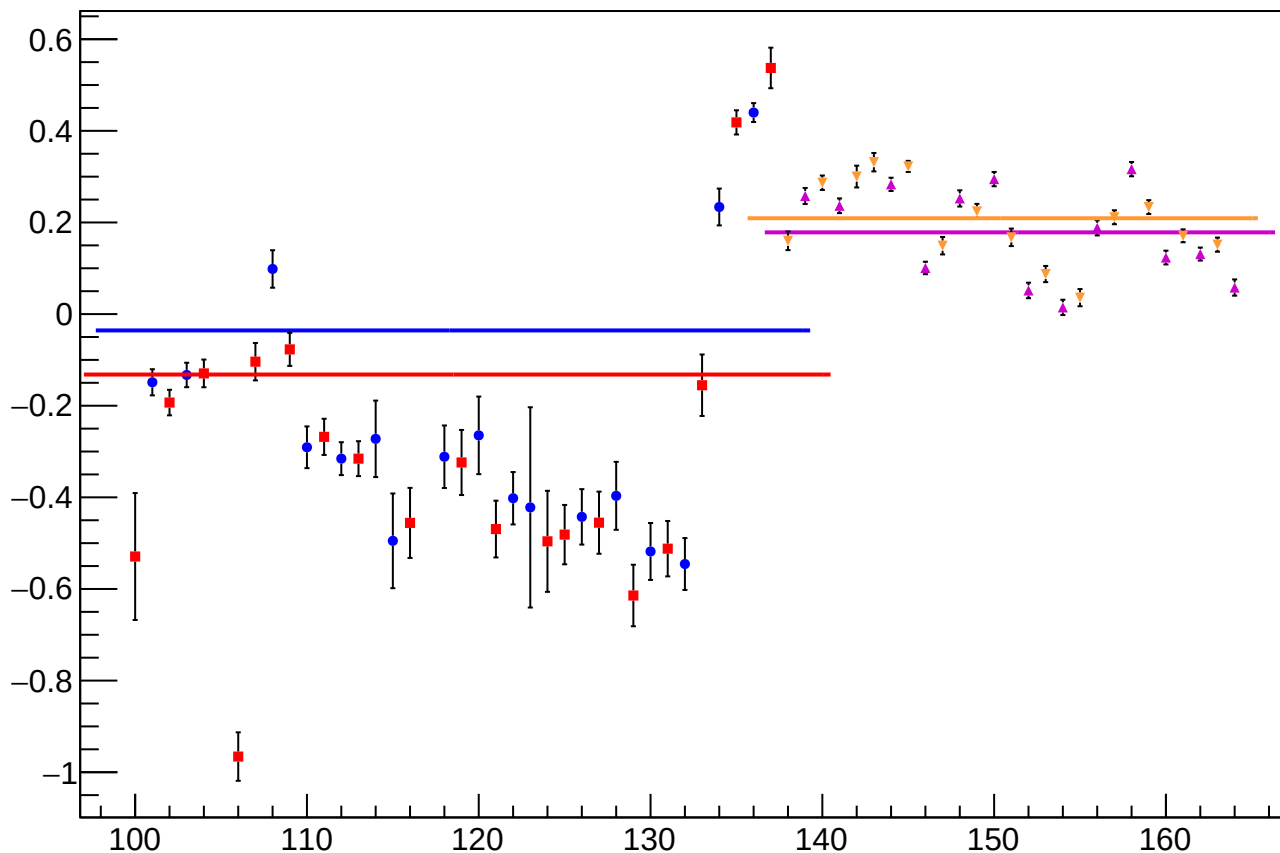
Left In: 27.443 $\pm$ 0.092 χ^2 /NDF: 388.1/12

+ sign 25.421 $\pm$ 0.084 χ^2 /NDF: 11119.7/30

All: 25.348 $\pm$ 0.059 χ^2 /NDF: 21900.7/62

- sign 25.275 $\pm$ 0.083 χ^2 /NDF: 10779.5/31

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 $\pm$ 0.010 χ^2 /NDF: 1014.5/16

Left Out: 0.209 $\pm$ 0.004 χ^2 /NDF:340.8/13

Right Out: -0.132 $\pm$ 0.010 χ^2 /NDF: 1171.3/18

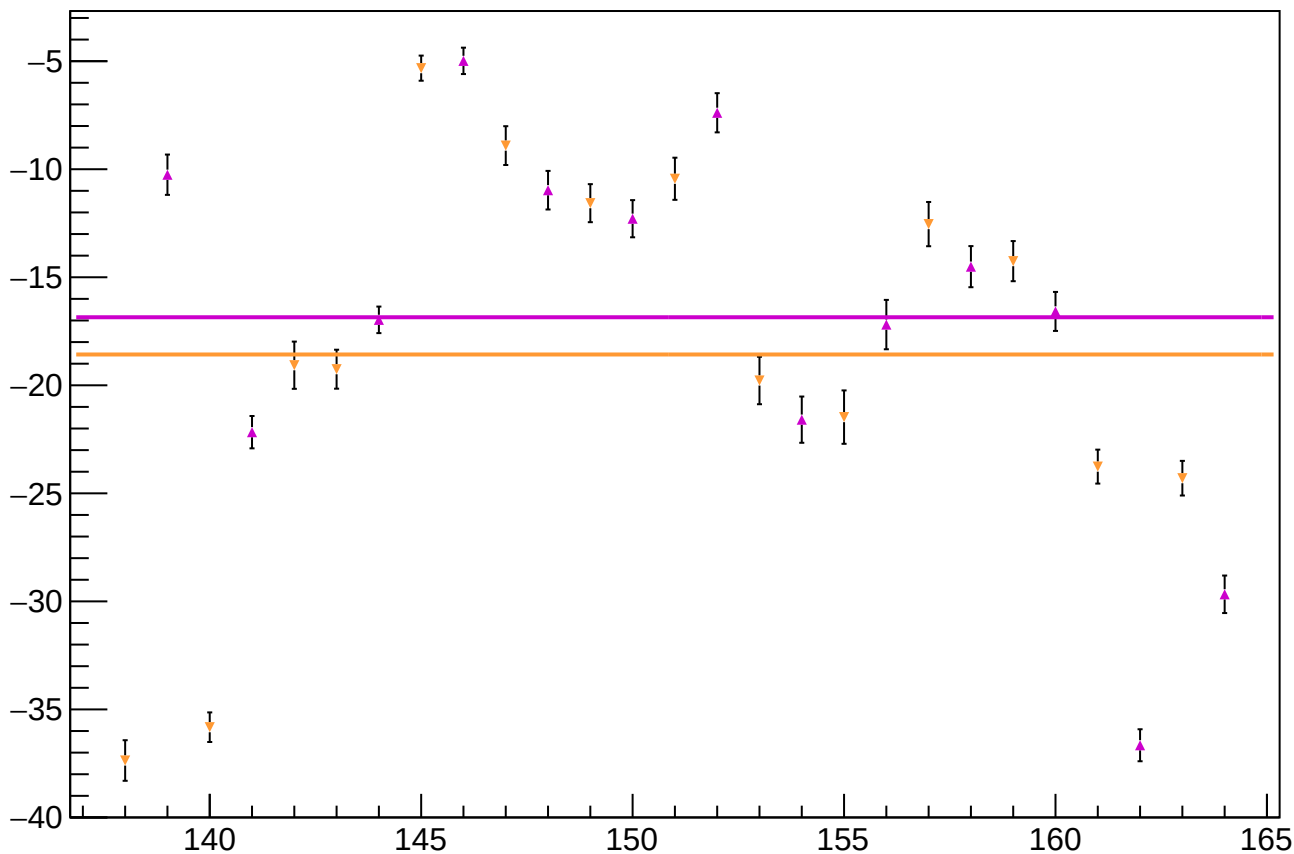
Left In: 0.178 $\pm$ 0.004 χ^2 /NDF:492.5/12

+ sign 0.171 $\pm$ 0.004 χ^2 /NDF: 1830.7/30

All: 0.151 $\pm$ 0.003 χ^2 /NDF: 4302.9/62

- sign 0.131 $\pm$ 0.004 χ^2 /NDF: 2424.6/31

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.574+/-0.232 χ^2/NDF :1961.2/13

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

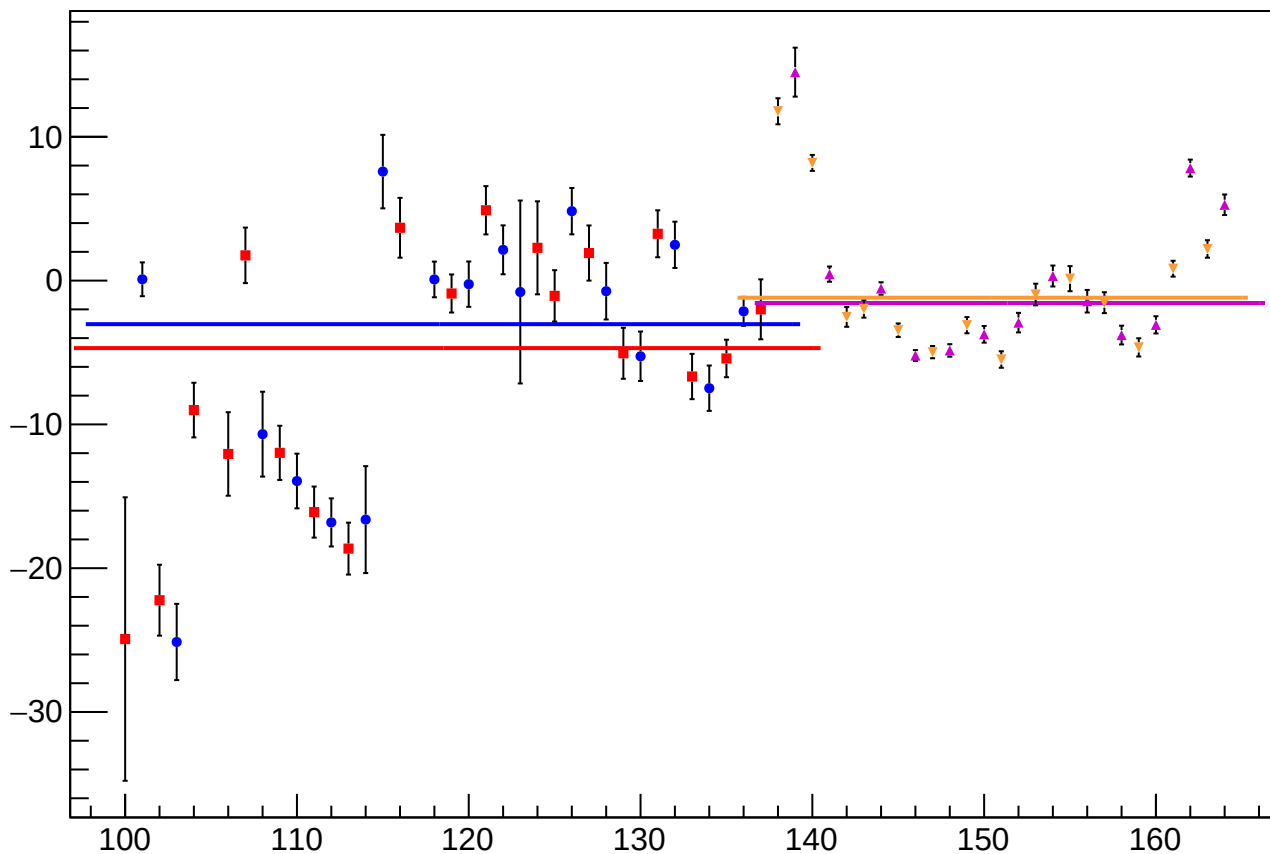
Left In: -16.851+/-0.228 χ^2/NDF :1618.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.699+/-0.163 χ^2/NDF : 3607.3/26

- 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 $\chi^2/\text{NDF}: 280.8/16$

Left Out: -1.191 ± 0.160 $\chi^2/\text{NDF}: 741.3/13$

Right Out: -4.694 ± 0.427 $\chi^2/\text{NDF}: 298.3/18$

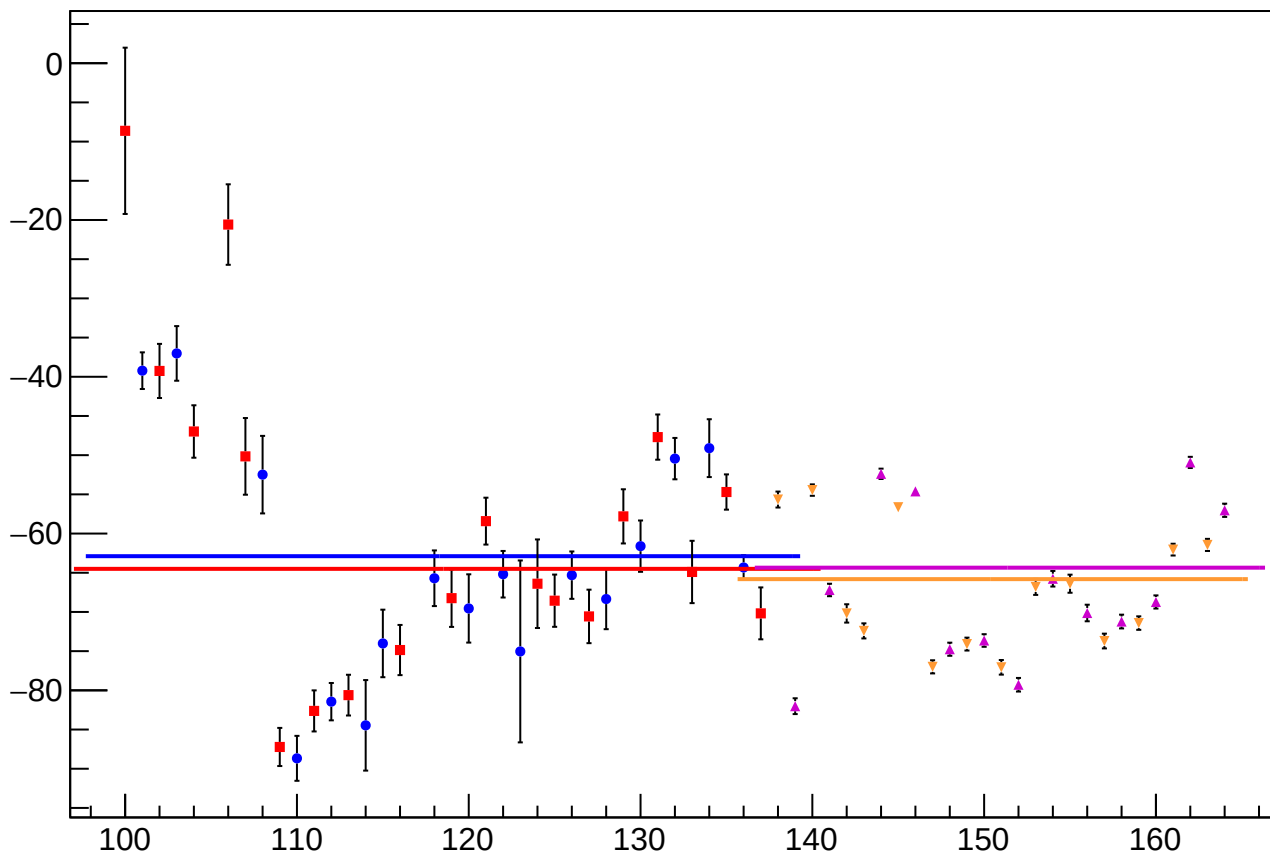
Left In: -1.557 ± 0.158 $\chi^2/\text{NDF}: 646.9/12$

+ sign -1.438 ± 0.149 $\chi^2/\text{NDF}: 1039.7/30$

All: -1.689 ± 0.105 $\chi^2/\text{NDF}: 2038.0/62$

- sign -1.936 ± 0.148 $\chi^2/\text{NDF}: 992.7/31$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -65.813 ± 0.230 χ^2/NDF : 1219.6/13

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

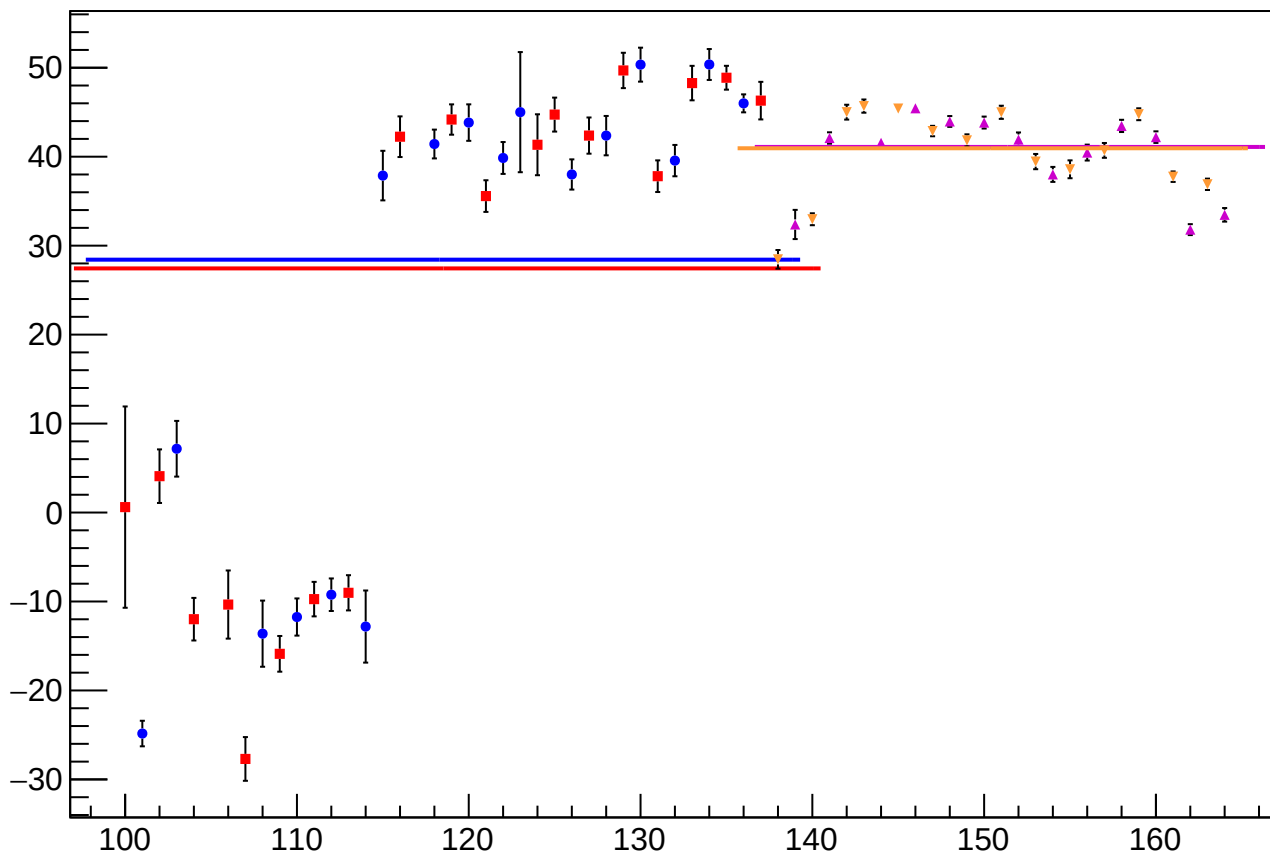
Left In: -64.353 ± 0.223 χ^2/NDF : 2059.9/12

+ sign -65.555 ± 0.219 χ^2/NDF : 1602.7/30

All: -64.945 ± 0.153 χ^2/NDF : 4121.8/62

- sign -64.365 ± 0.214 χ^2/NDF : 2504.0/31

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 ± 0.457 χ^2/NDF : 3330.3/16

Left Out: 40.947 ± 0.189 χ^2/NDF : 567.7/13

Right Out: 27.441 ± 0.479 χ^2/NDF : 3033.0/18

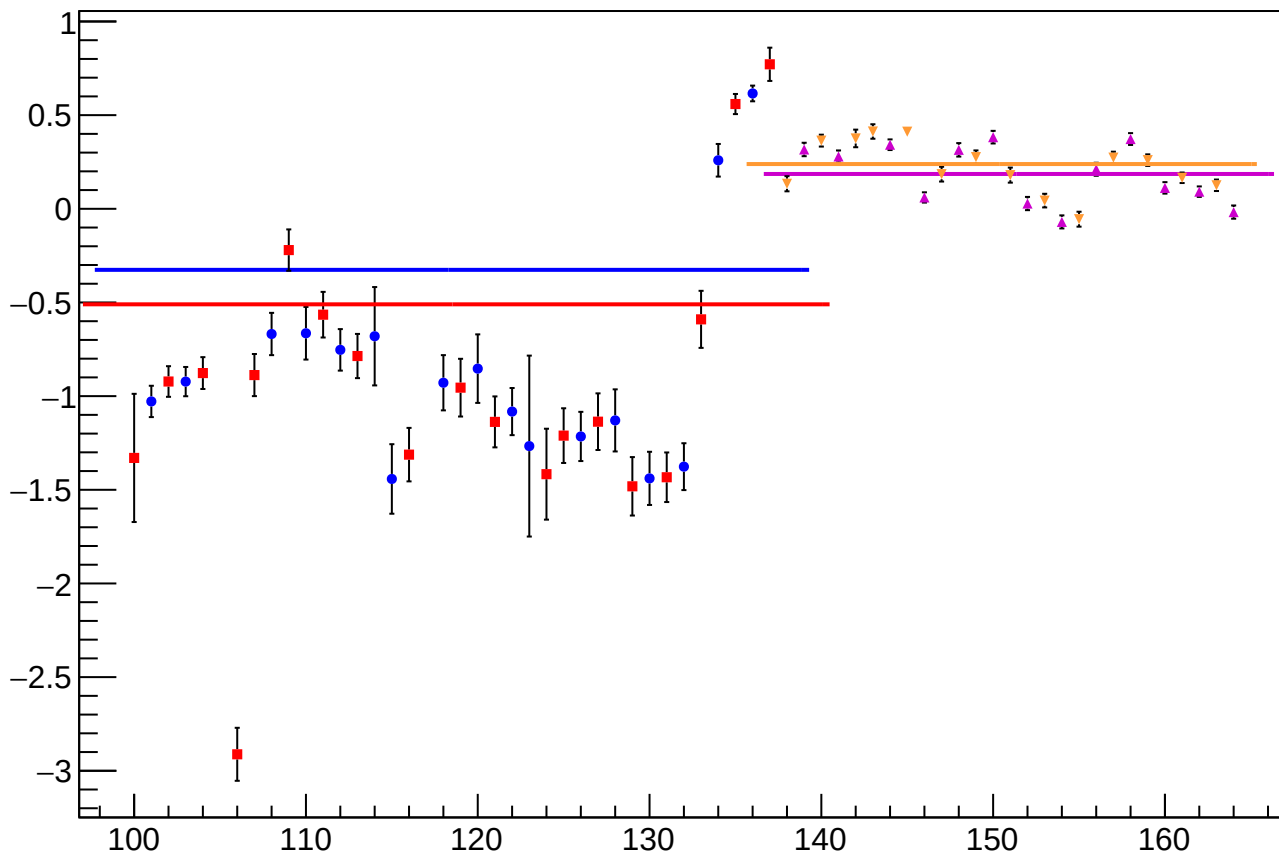
Left In: 41.097 ± 0.186 χ^2/NDF : 511.5/12

+ sign 39.118 ± 0.175 χ^2/NDF : 4538.9/30

All: 39.212 ± 0.123 χ^2/NDF : 8791.2/62

- sign 39.306 ± 0.173 χ^2/NDF : 4251.7/31

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.239 ± 0.009 χ^2/NDF : 212.2/13

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

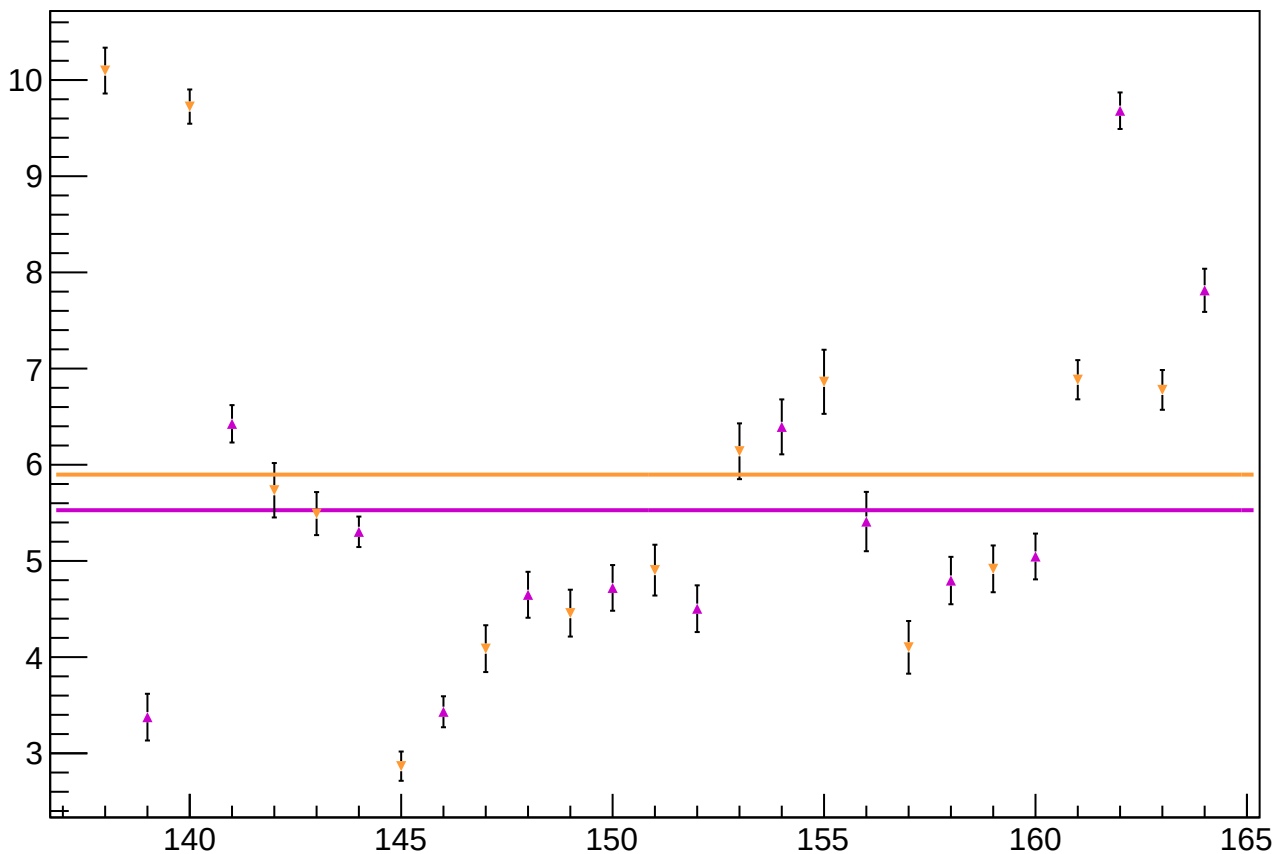
Left In: 0.186 ± 0.009 χ^2/NDF : 279.3/12

+ sign 0.173 ± 0.009 χ^2/NDF : 1679.8/30

All: 0.142 ± 0.006 χ^2/NDF : 3809.6/62

- sign 0.111 ± 0.008 χ^2/NDF : 2102.9/31

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 5.898+/-0.061 χ^2/NDF :1387.3/13

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

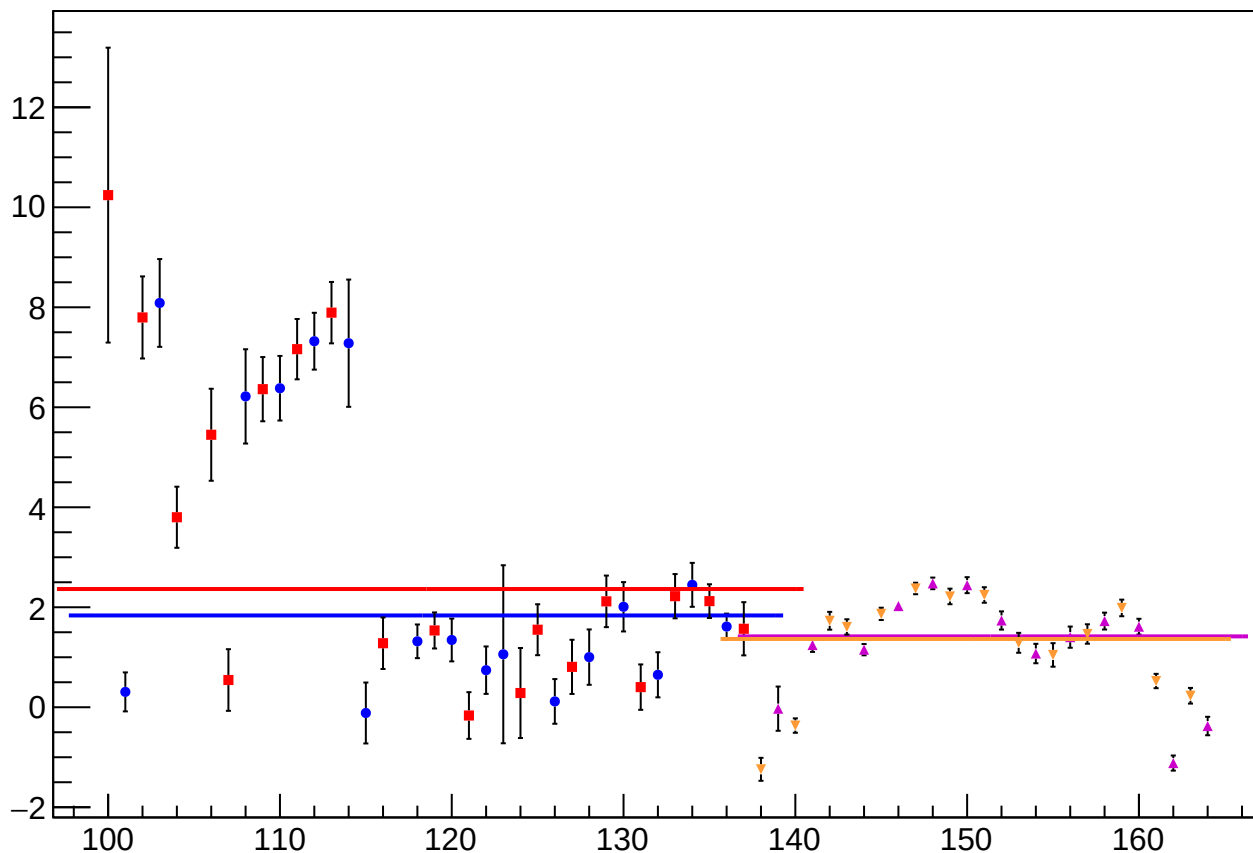
Left In: 5.527+/-0.060 χ^2/NDF :918.5/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.710+/-0.043 χ^2/NDF : 2324.7/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 ± 0.116 χ^2/NDF : 294.9/16

Left Out: 1.366 ± 0.042 χ^2/NDF : 538.3/13

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

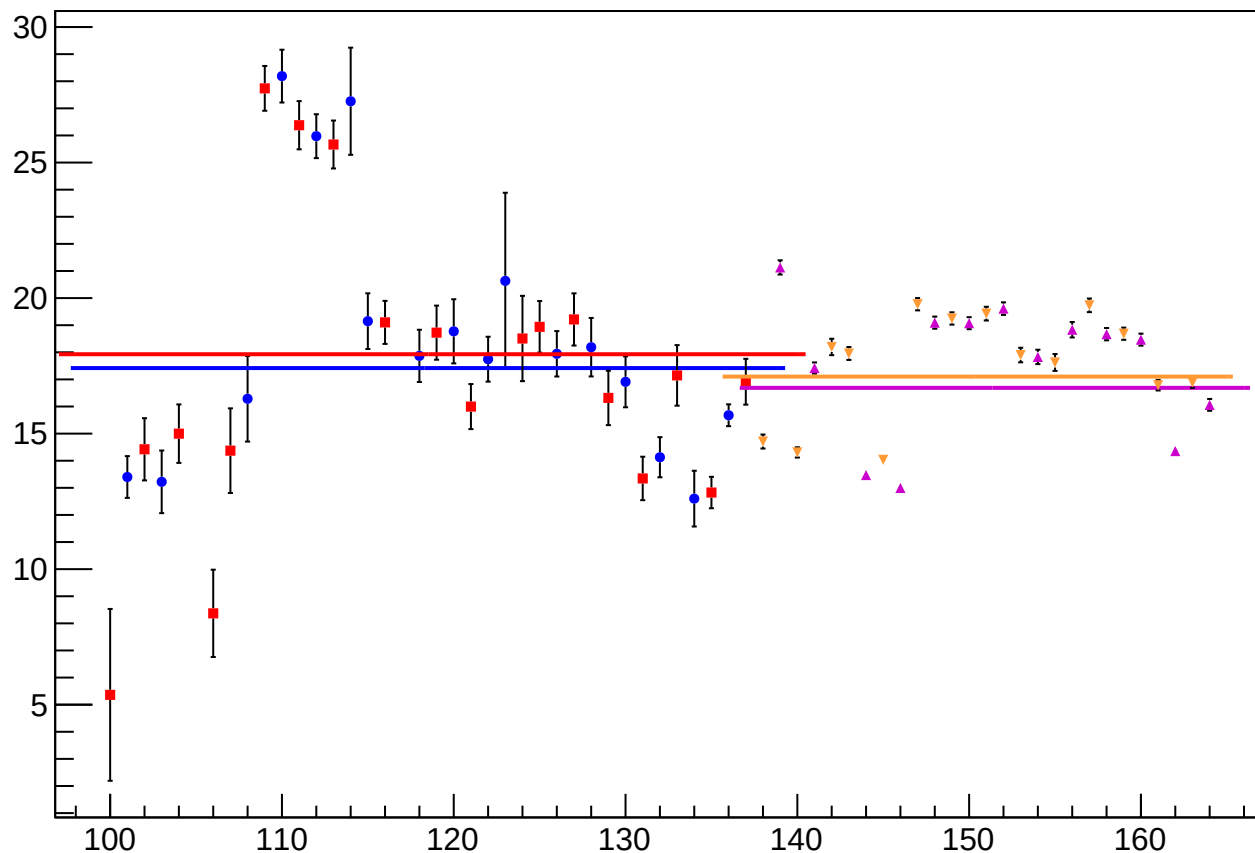
Left In: 1.418 ± 0.041 χ^2/NDF : 566.2/12

+ sign 1.421 ± 0.040 χ^2/NDF : 847.7/30

All: 1.468 ± 0.028 χ^2/NDF : 1806.6/62

- sign 1.515 ± 0.039 χ^2/NDF : 956.1/31

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418+/-0.212 χ^2 /NDF: 366.8/16

Left Out: 17.104+/-0.060 χ^2 /NDF:1174.8/13

Right Out: 17.929+/-0.219 χ^2 /NDF: 506.3/18

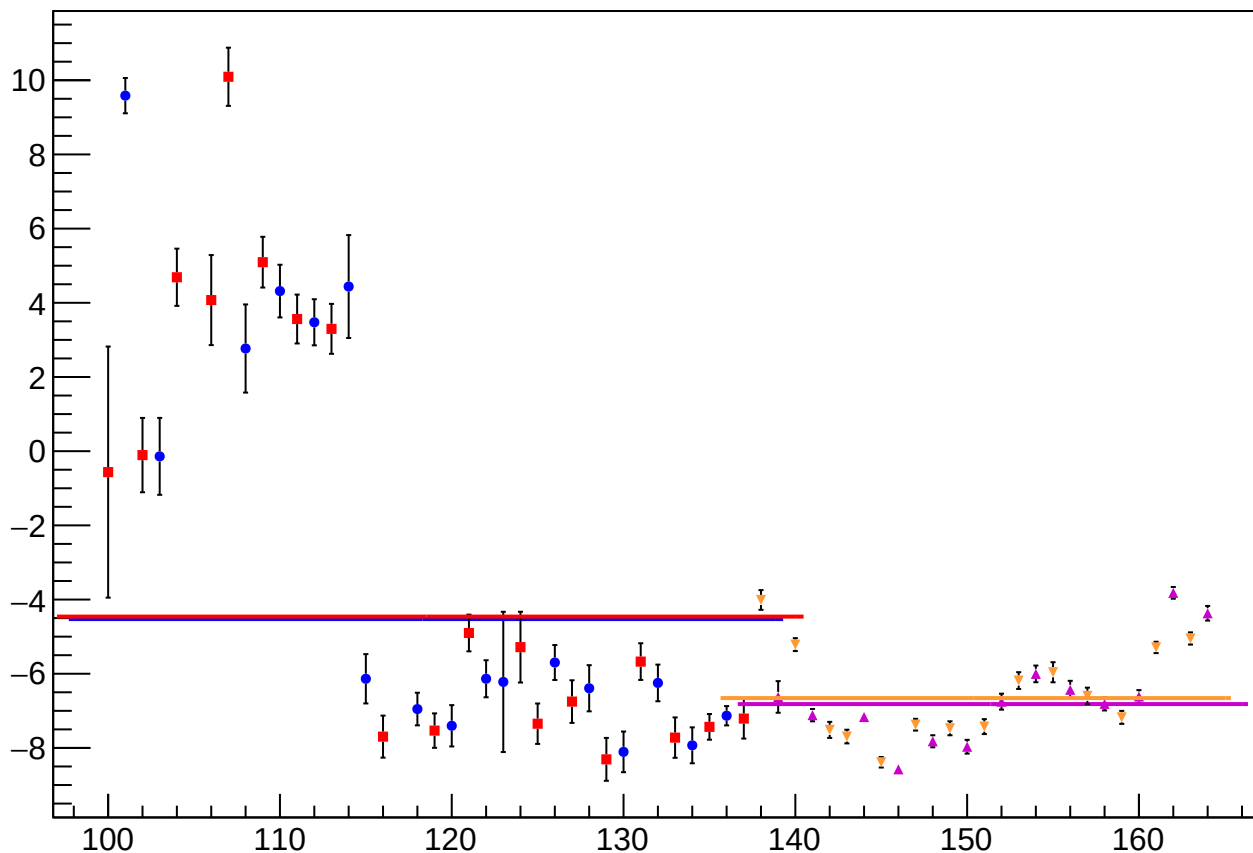
Left In: 16.689+/-0.059 χ^2 /NDF:2003.7/12

+ sign 17.128+/-0.058 χ^2 /NDF: 1543.7/30

All: 16.946+/-0.041 χ^2 /NDF: 4102.9/62

- sign 16.772+/-0.057 χ^2 /NDF: 2540.0/31

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: -6.656 ± 0.050 χ^2/NDF : 611.3/13

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

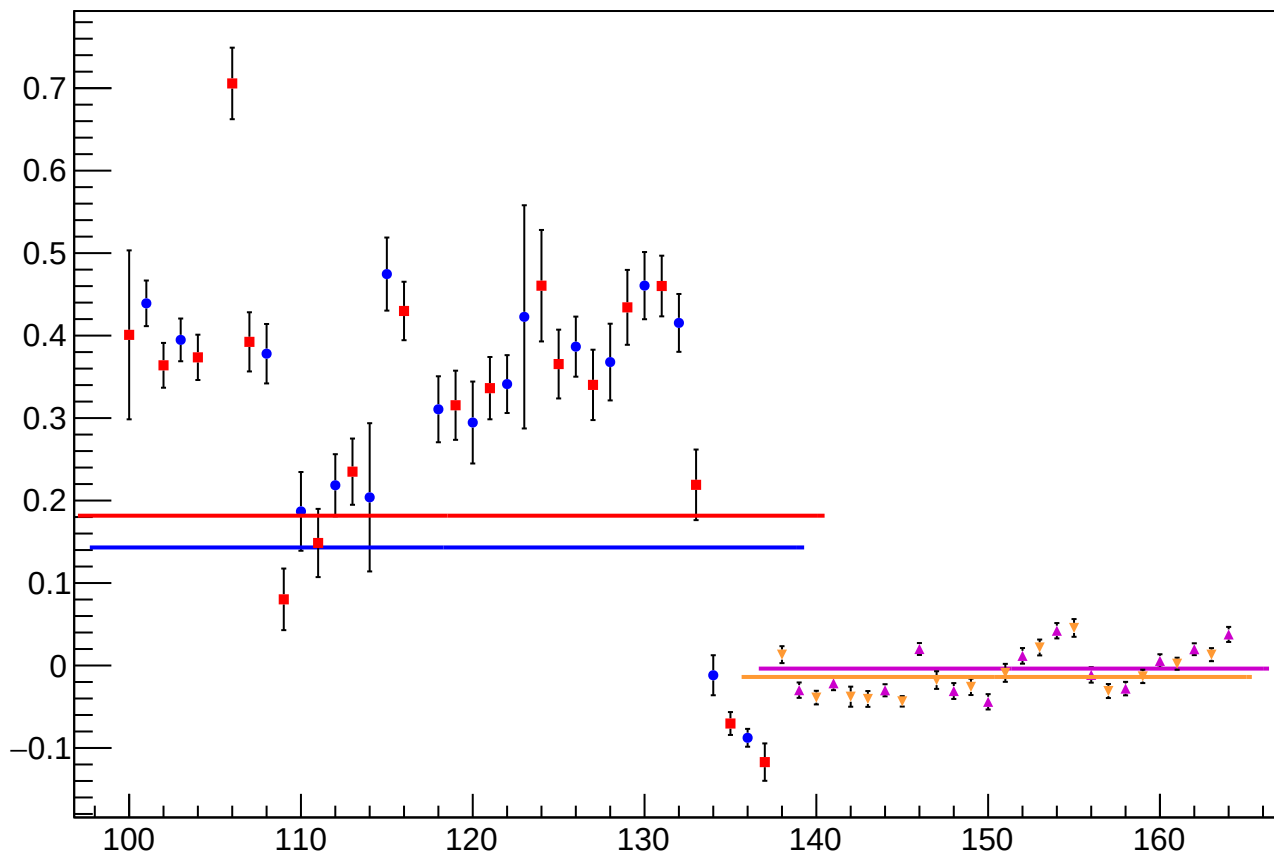
Left In: -6.818 ± 0.049 χ^2/NDF : 819.6/12

+ sign -6.383 ± 0.046 χ^2/NDF : 2437.3/30

All: -6.468 ± 0.033 χ^2/NDF : 4865.6/62

- sign -6.552 ± 0.046 χ^2/NDF : 2421.6/31

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 $\pm$ 0.007 χ^2/NDF : 1060.4/16

Left Out: -0.014 $\pm$ 0.002 χ^2/NDF : 116.1/13

Right Out: 0.182 $\pm$ 0.007 χ^2/NDF : 1007.8/18

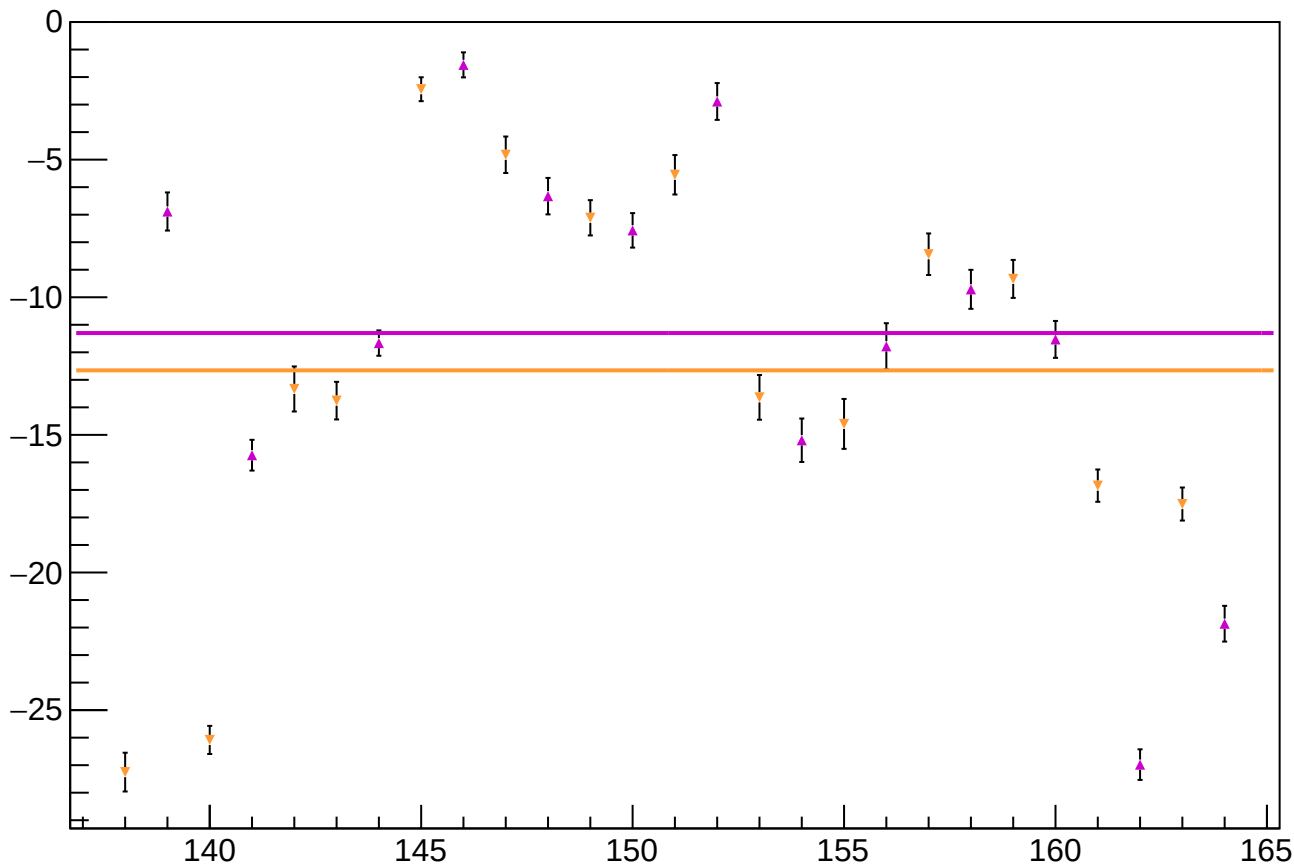
Left In: -0.004 $\pm$ 0.002 χ^2/NDF : 131.8/12

+ sign 0.002 $\pm$ 0.002 χ^2/NDF : 1621.8/30

All: 0.008 $\pm$ 0.002 χ^2/NDF : 3346.0/62

- sign 0.013 $\pm$ 0.002 χ^2/NDF : 1711.8/31

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -12.656+/-0.172 χ^2/NDF : 2167.3/13

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

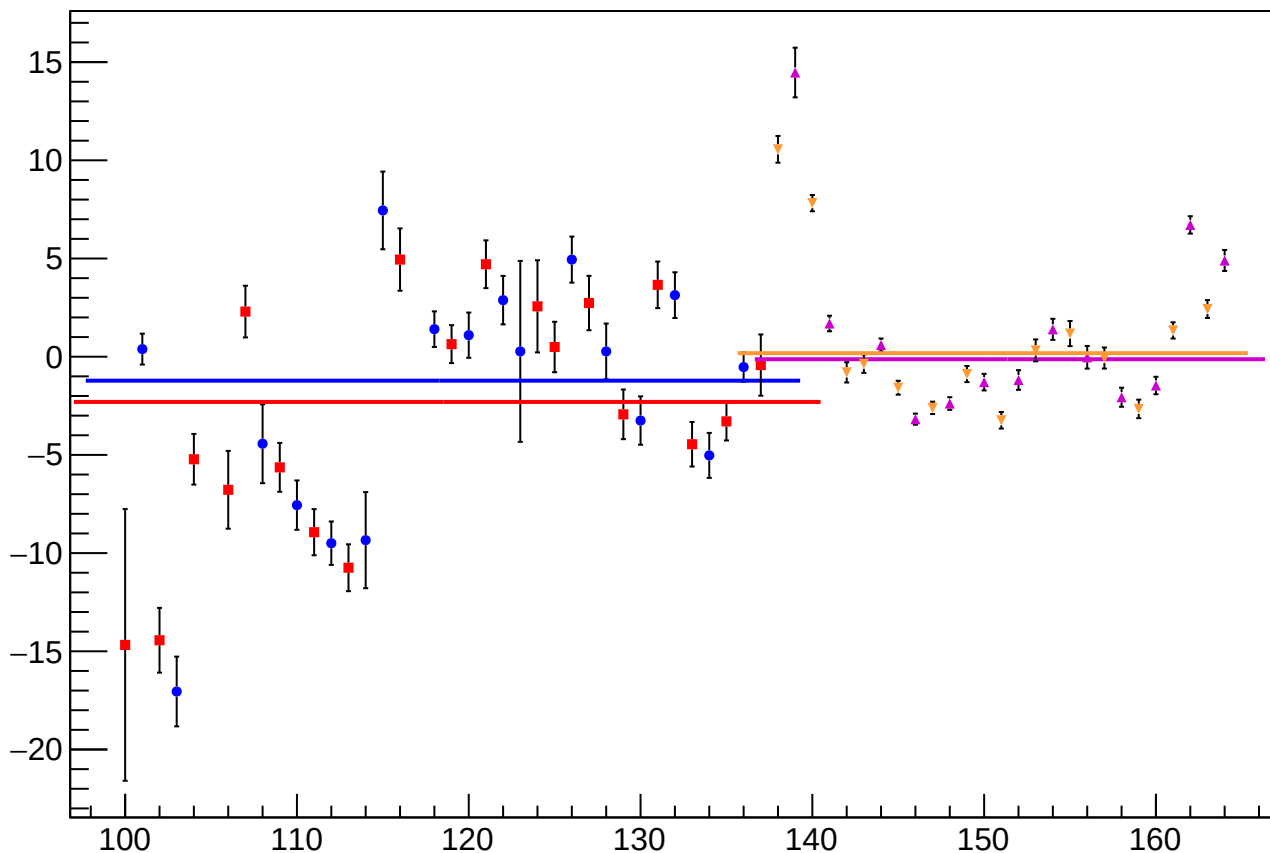
Left In: -11.300+/-0.170 χ^2/NDF : 1904.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.968+/-0.121 χ^2/NDF : 4102.9/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 0.180 ± 0.119 χ^2/NDF : 824.3/13

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

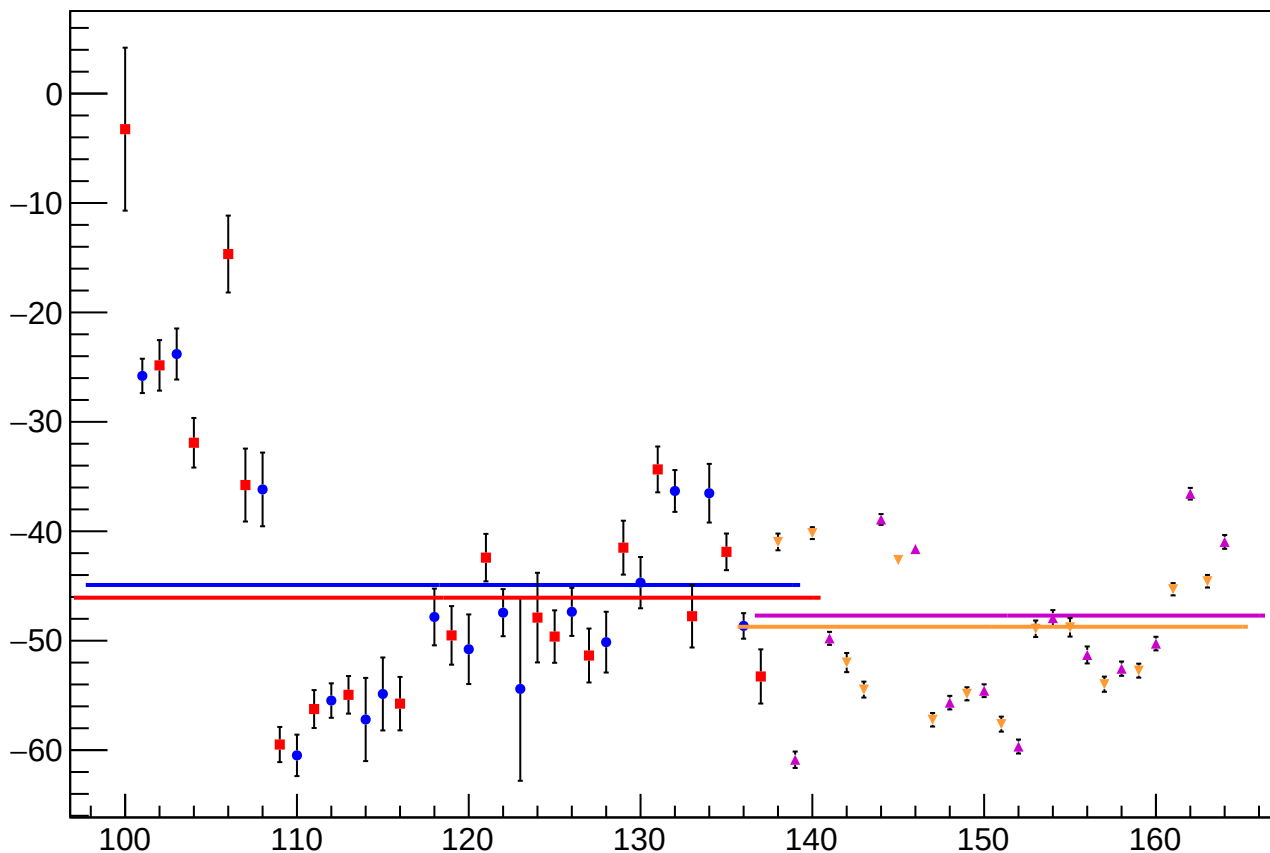
Left In: -0.128 ± 0.118 χ^2/NDF : 696.6/12

+ sign -0.023 ± 0.110 χ^2/NDF : 1122.8/30

All: -0.220 ± 0.078 χ^2/NDF : 2156.8/62

- sign -0.414 ± 0.110 χ^2/NDF : 1027.6/31

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -48.726 ± 0.171 χ^2/NDF : 1249.6/13

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

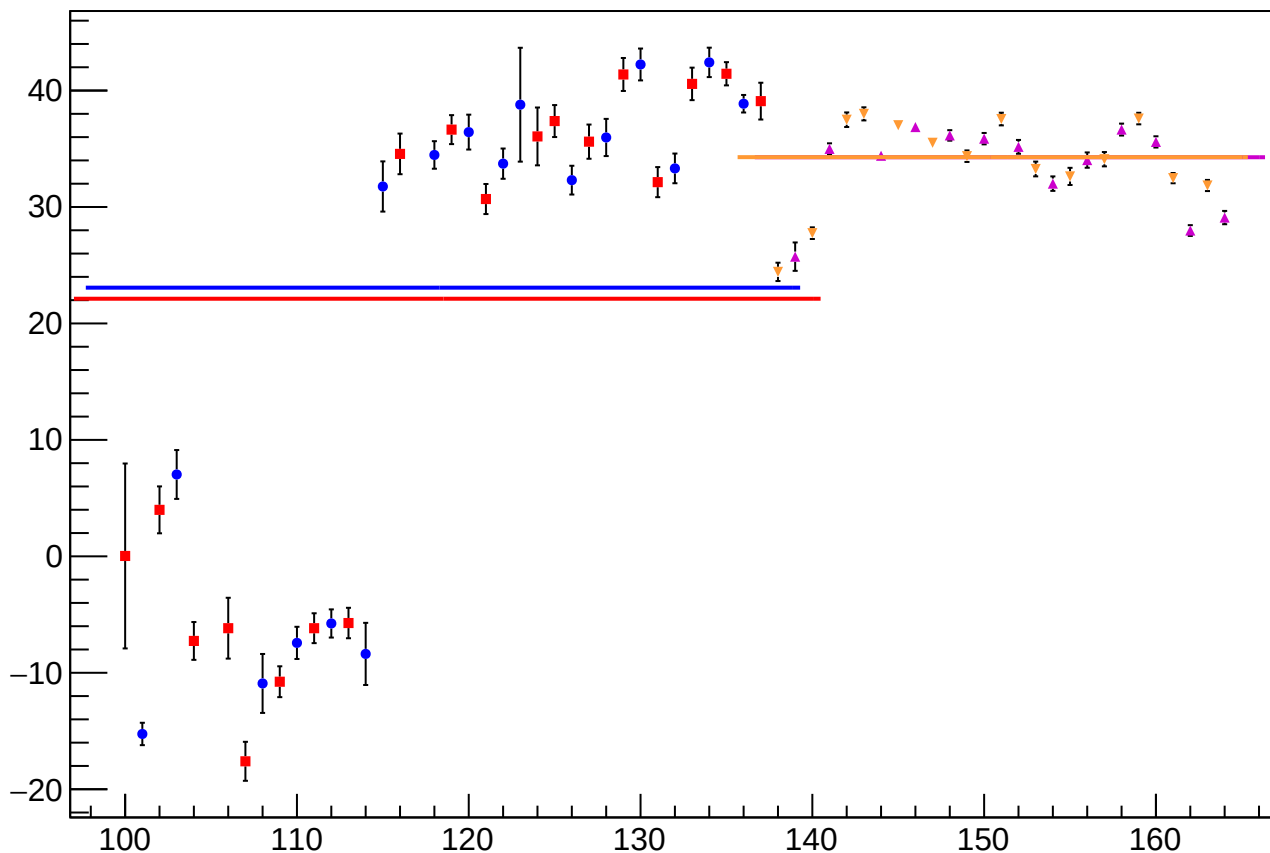
Left In: -47.705 ± 0.166 χ^2/NDF : 2122.7/12

+ sign -48.358 ± 0.162 χ^2/NDF : 1719.0/30

All: -47.948 ± 0.113 χ^2/NDF : 4316.9/62

- sign -47.558 ± 0.158 χ^2/NDF : 2585.4/31

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: 34.280 $\pm$ 0.141 χ^2 /NDF: 580.8/13

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

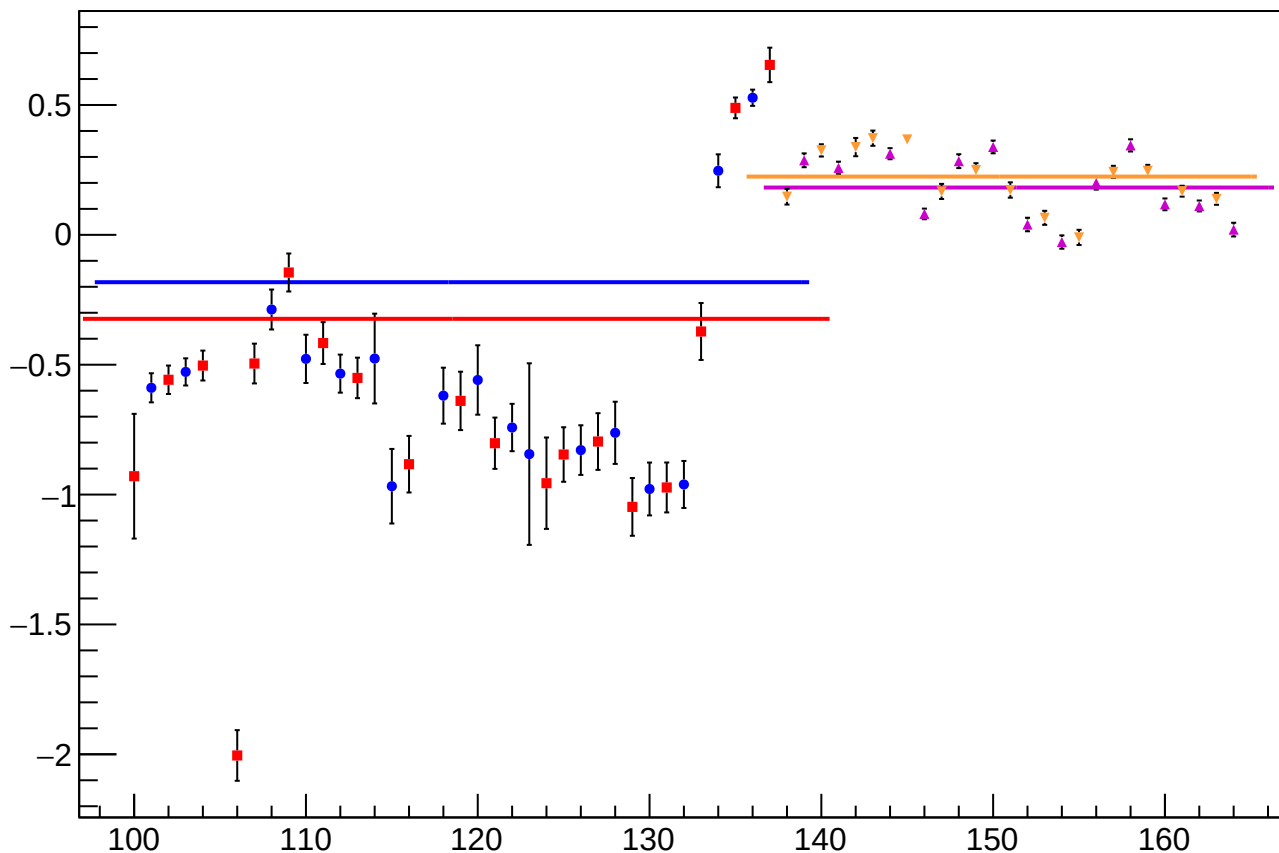
Left In: 34.273 $\pm$ 0.138 χ^2 /NDF: 445.1/12

+ sign 32.524 $\pm$ 0.129 χ^2 /NDF: 5923.4/30

All: 32.535 $\pm$ 0.091 χ^2 /NDF: 11499.2/62

- sign 32.545 $\pm$ 0.128 χ^2 /NDF: 5575.8/31

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.224 ± 0.007 χ^2/NDF : 252.5/13

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

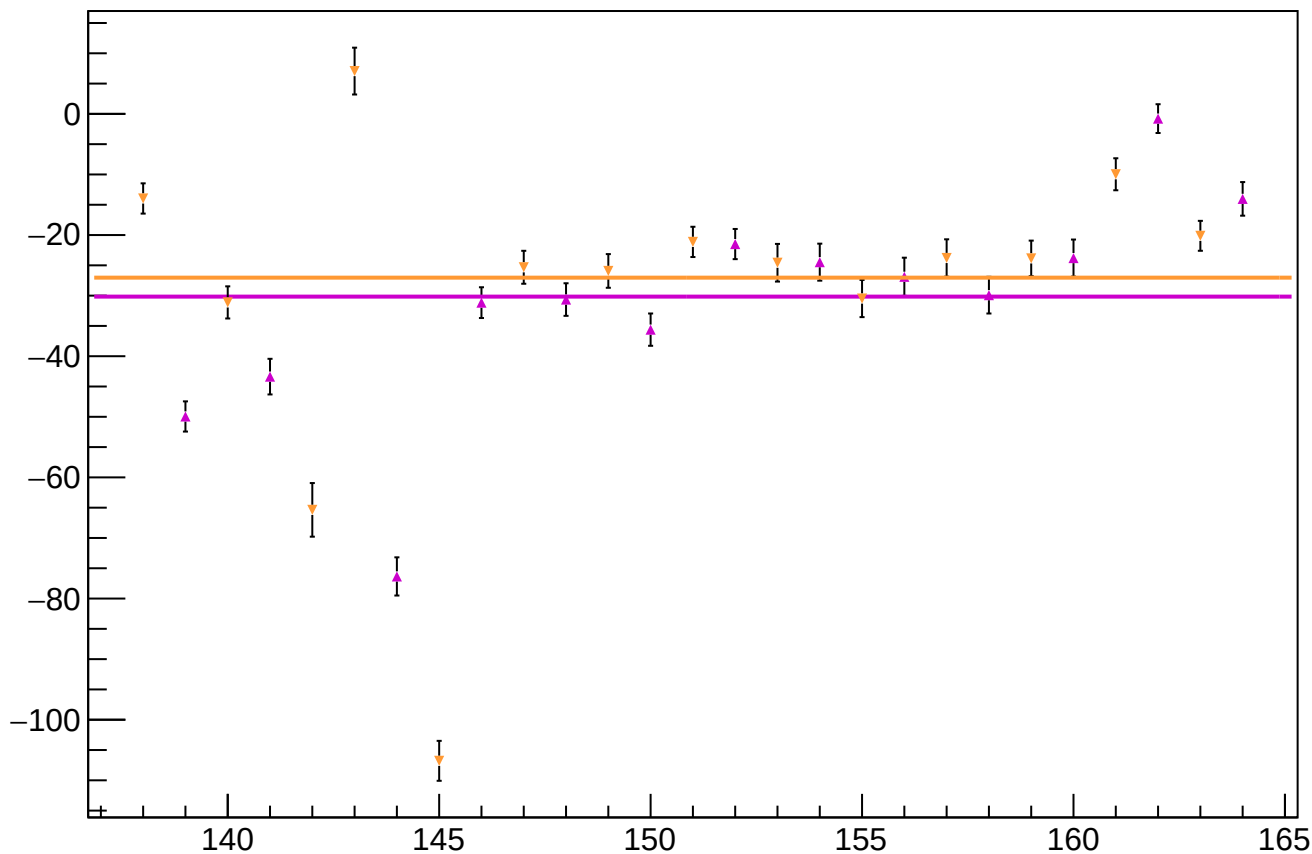
Left In: 0.182 ± 0.007 χ^2/NDF : 344.2/12

+ sign 0.173 ± 0.006 χ^2/NDF : 1710.8/30

All: 0.148 ± 0.004 χ^2/NDF : 3955.7/62

- sign 0.123 ± 0.006 χ^2/NDF : 2212.2/31

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -27.033+/-0.773 χ^2/NDF :827.7/13

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

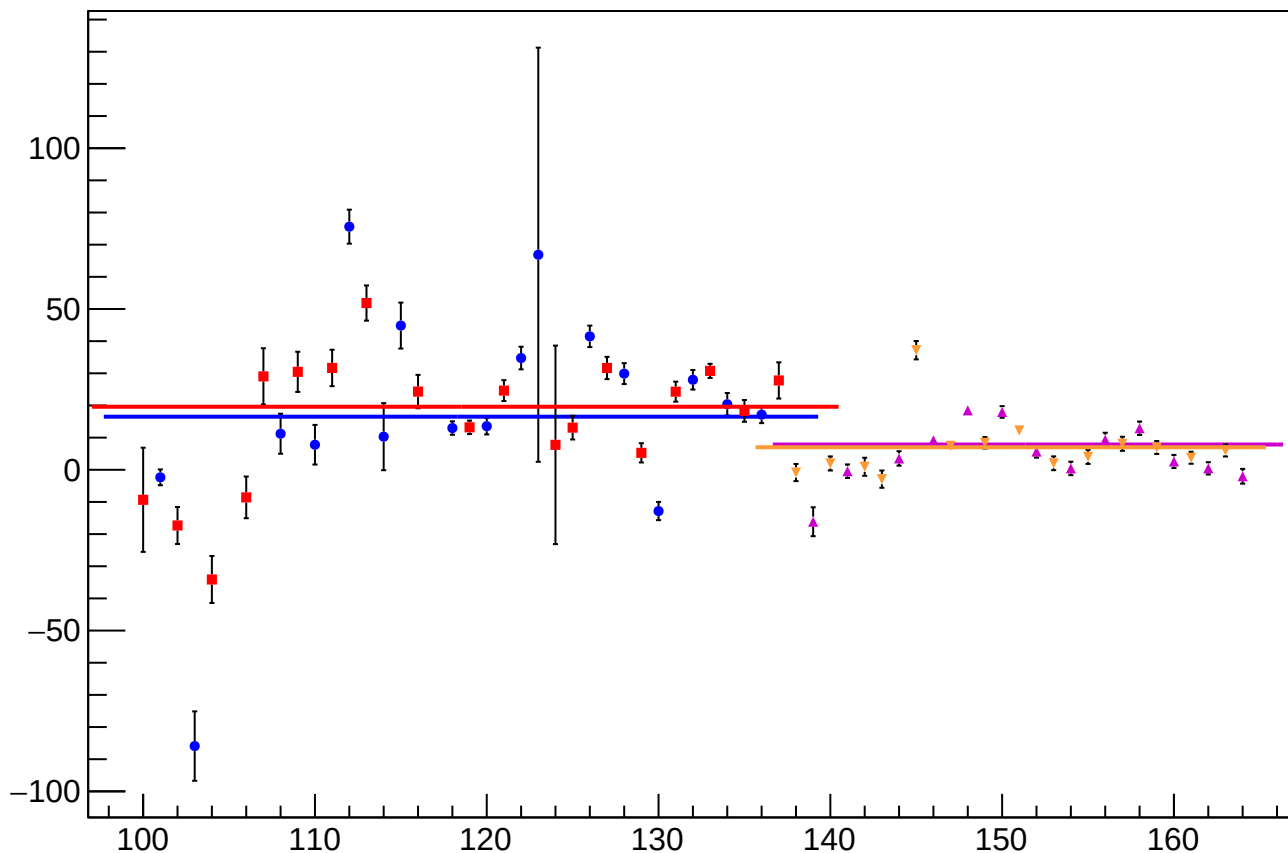
Left In: -30.162+/-0.766 χ^2/NDF :509.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.610+/-0.544 χ^2/NDF : 1345.9/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 $\pm$ 0.847 χ^2 /NDF: 519.6/16

Left Out: 7.003 $\pm$ 0.527 χ^2 /NDF: 169.0/13

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

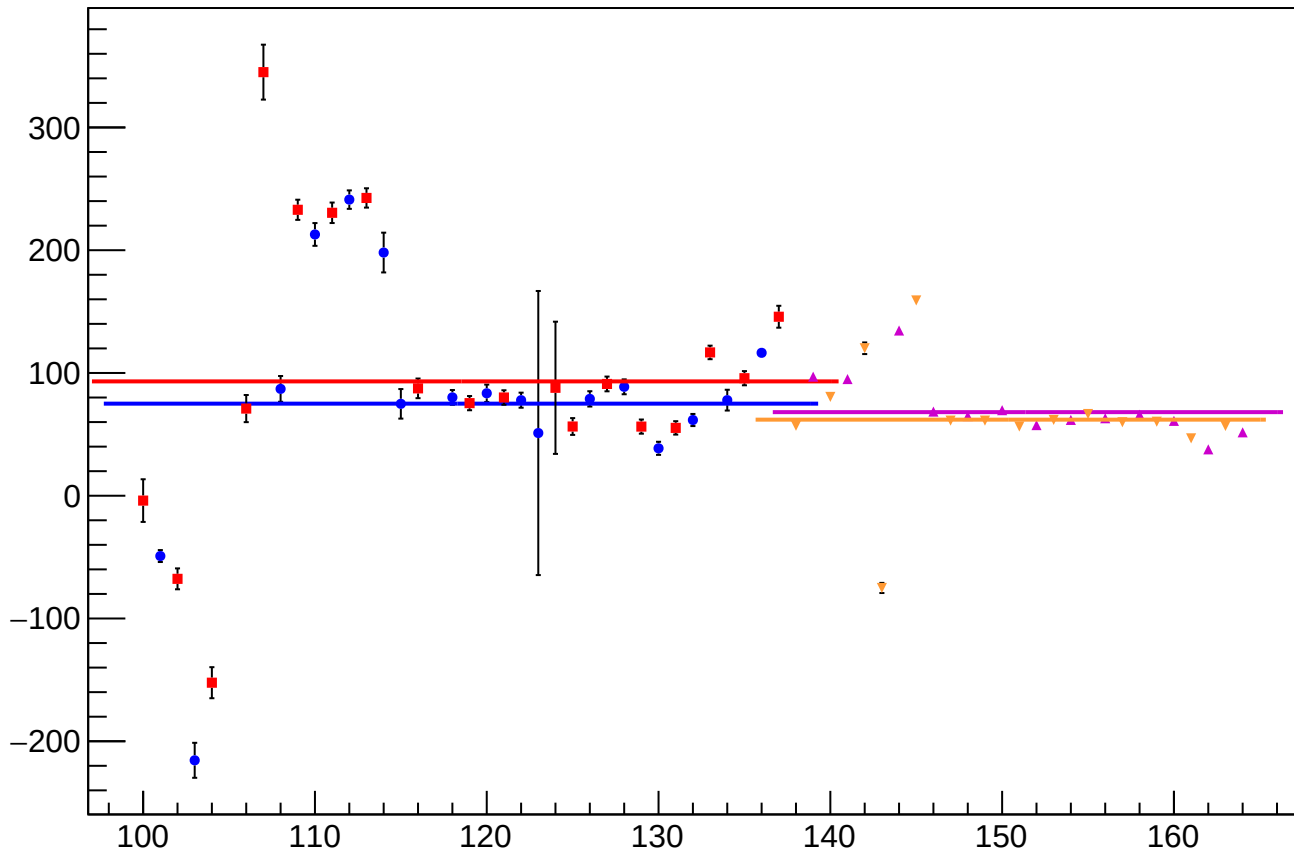
Left In: 7.862 $\pm$ 0.537 χ^2 /NDF: 206.6/12

+ sign 9.656 $\pm$ 0.448 χ^2 /NDF: 779.4/30

All: 10.284 $\pm$ 0.321 χ^2 /NDF: 1357.9/62

- sign 10.949 $\pm$ 0.461 χ^2 /NDF: 574.5/31

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 61.975 $\pm$ 0.753 χ^2 /NDF:2156.2/13

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

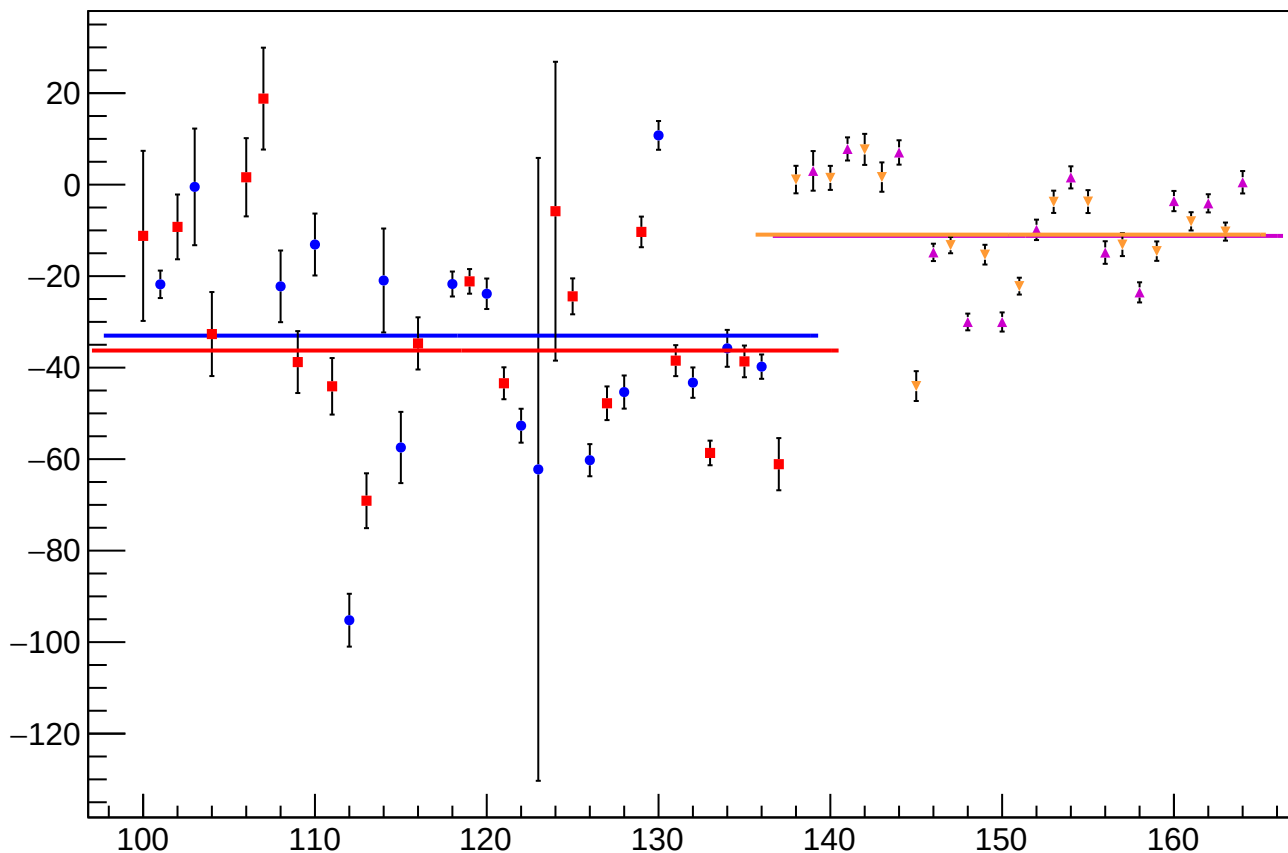
Left In: 68.093 $\pm$ 0.743 χ^2 /NDF:826.9/12

+ sign 64.255 $\pm$ 0.684 χ^2 /NDF: 4207.9/30

All: 68.176 $\pm$ 0.483 χ^2 /NDF: 7282.9/62

- sign 72.065 $\pm$ 0.681 χ^2 /NDF: 3009.5/31

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -10.928 ± 0.623 χ^2/NDF : 252.9/13

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

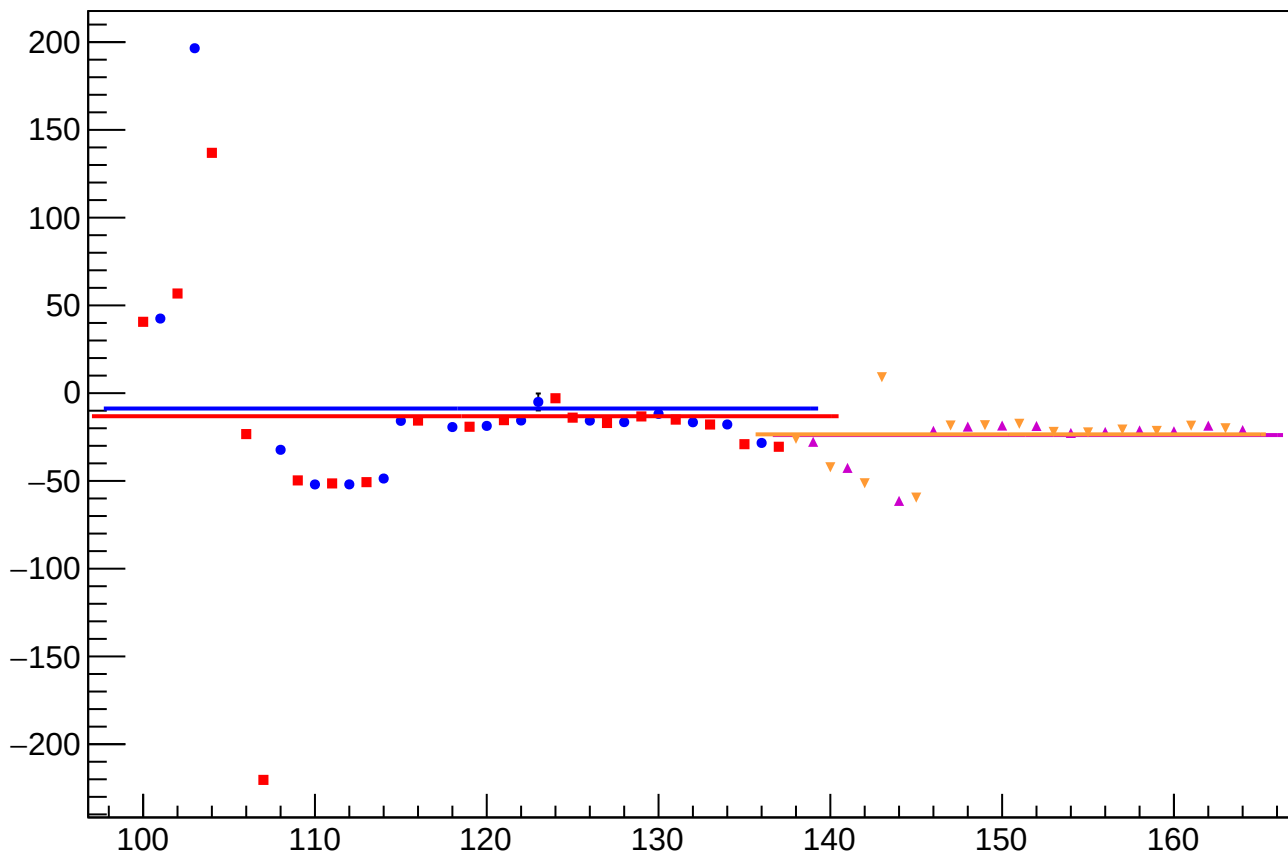
Left In: -11.206 ± 0.630 χ^2/NDF : 414.3/12

+ sign -17.360 ± 0.525 χ^2/NDF : 1111.7/30

All: -17.705 ± 0.375 χ^2/NDF : 2257.6/62

- sign -18.066 ± 0.536 χ^2/NDF : 1144.9/31

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -23.470 ± 0.029 $\chi^2/\text{NDF}: 168216.3/13$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

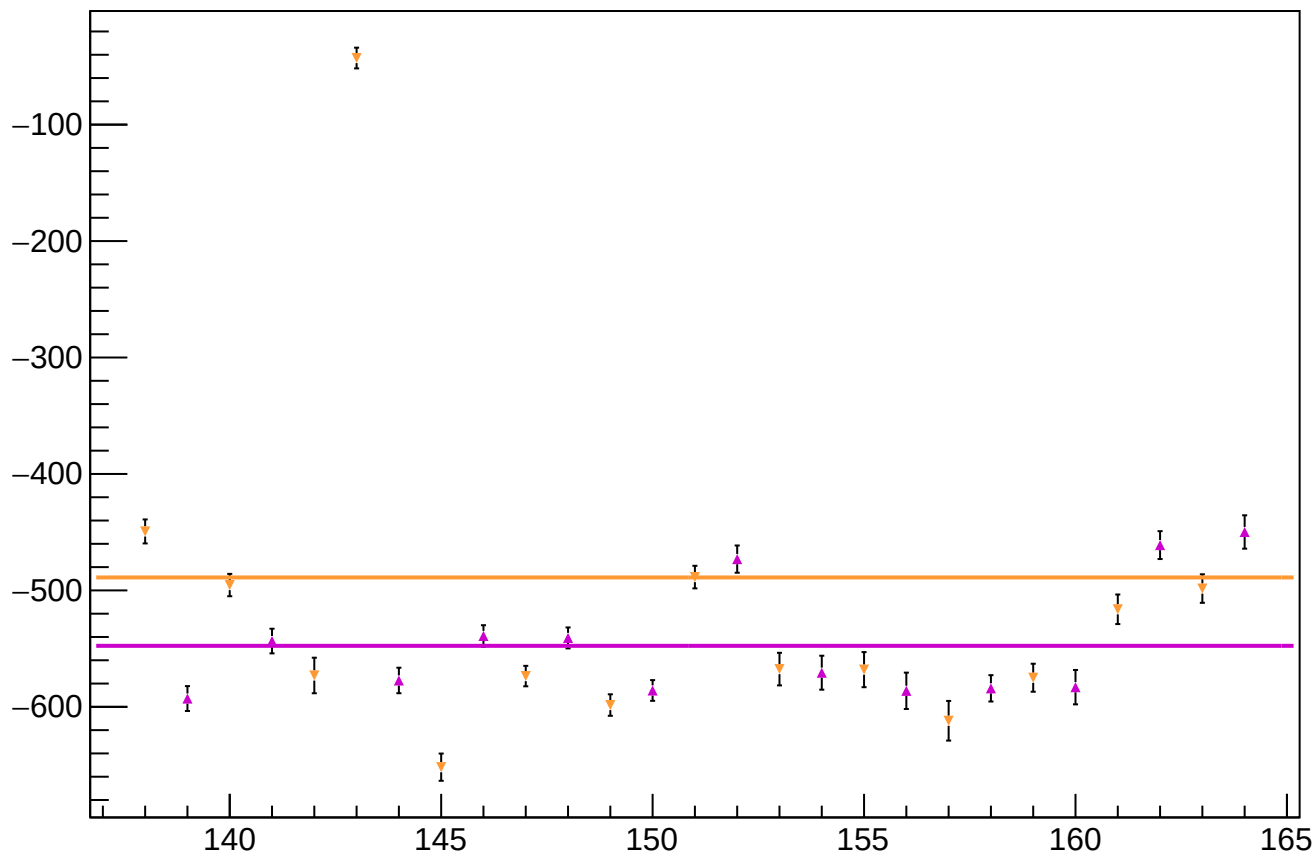
Left In: -23.877 ± 0.029 $\chi^2/\text{NDF}: 101888.4/12$

+ sign -20.520 ± 0.026 $\chi^2/\text{NDF}: 794322.7/30$

All: -21.225 ± 0.019 $\chi^2/\text{NDF}: 1481022.5/62$

- sign -21.929 ± 0.026 $\chi^2/\text{NDF}: 685266.3/31$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -488.877+/-2.980 χ^2/NDF : 3153.8/13

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

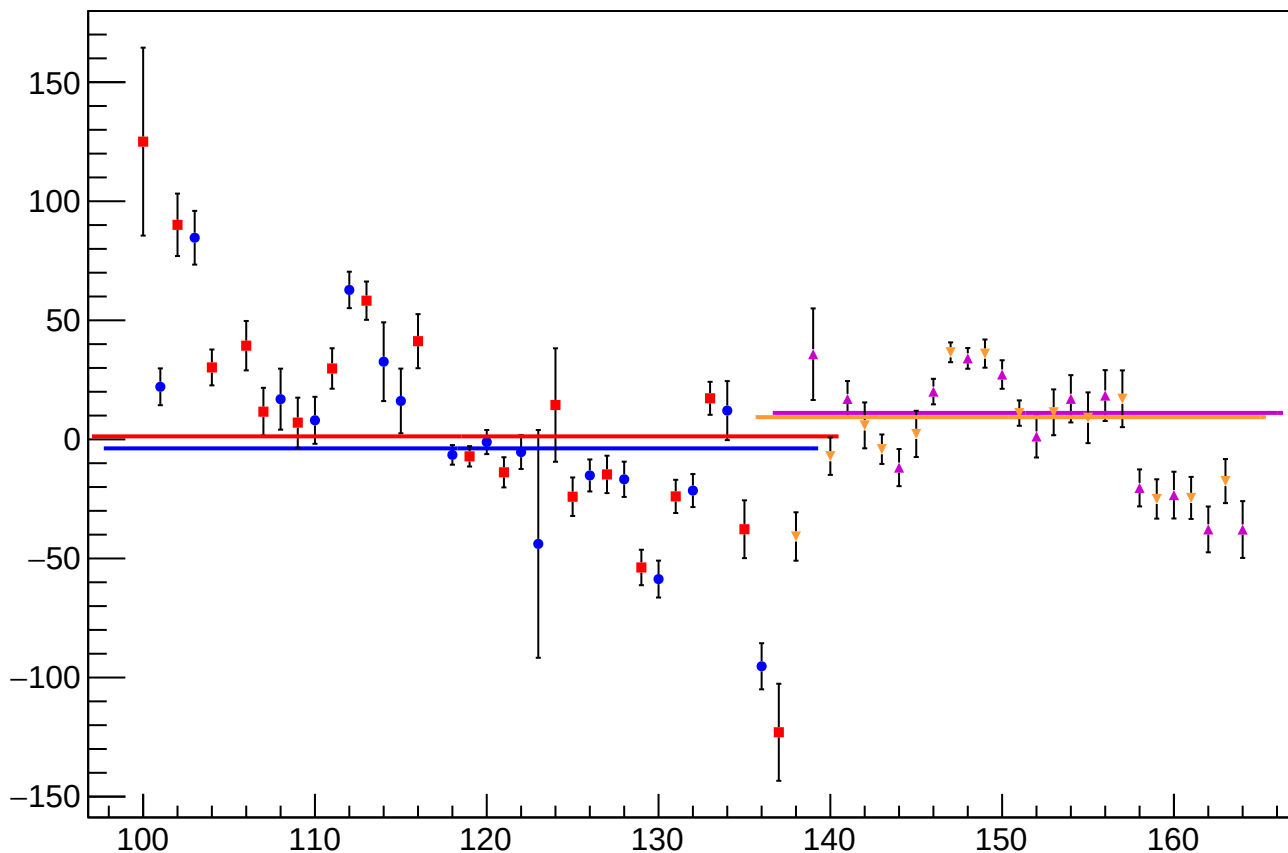
Left In: -547.598+/-3.113 χ^2/NDF : 209.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -516.957+/-2.153 χ^2/NDF : 3549.2/26

- 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: 9.352 ± 1.959 χ^2/NDF : 138.3/13

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

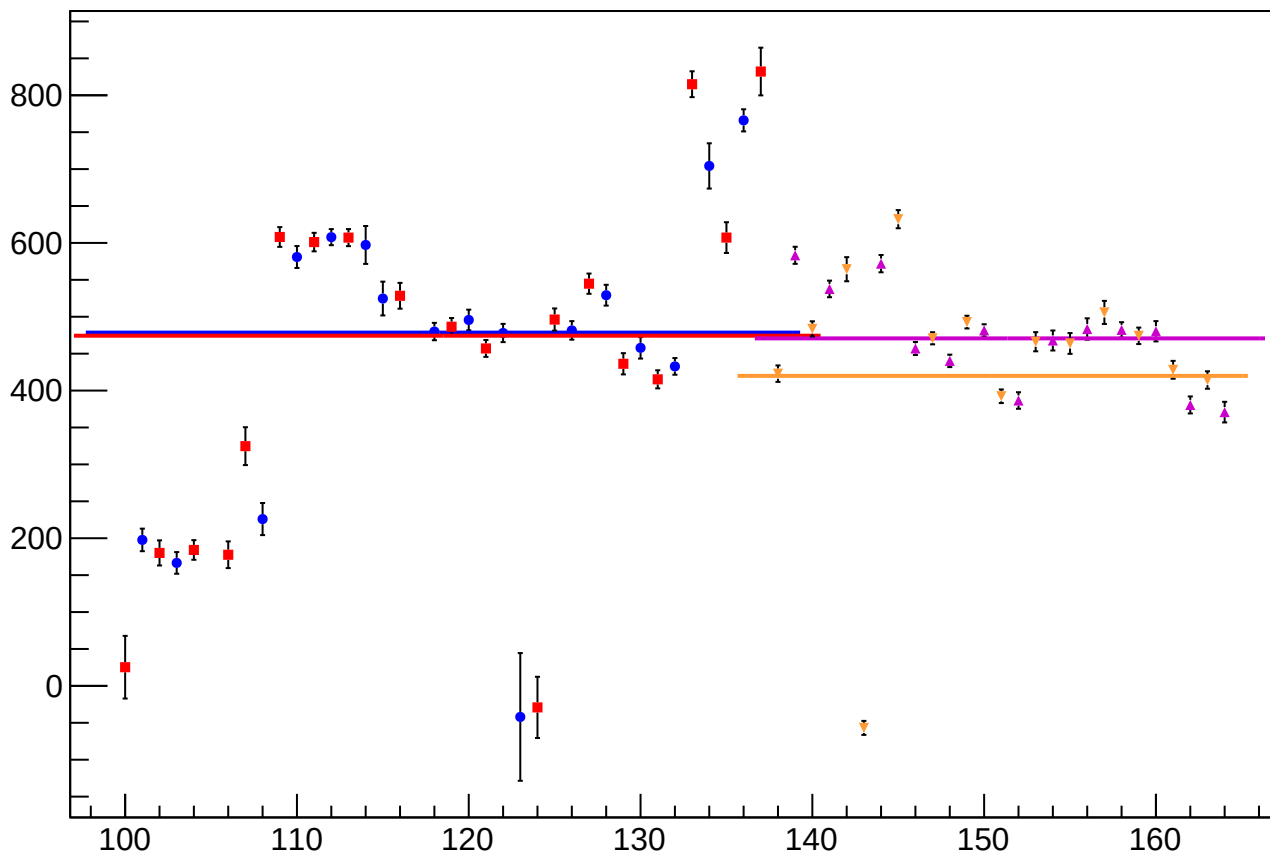
Left In: 11.133 ± 2.091 χ^2/NDF : 122.2/12

+ sign 2.550 ± 1.359 χ^2/NDF : 475.9/30

All: 4.102 ± 0.980 χ^2/NDF : 916.6/62

- sign 5.780 ± 1.414 χ^2/NDF : 438.0/31

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2 /NDF: 1629.0/16

Left Out: 419.942 $\pm$ 2.934 χ^2 /NDF: 3129.8/13

Right Out: 474.328 $\pm$ 3.533 χ^2 /NDF: 2287.1/18

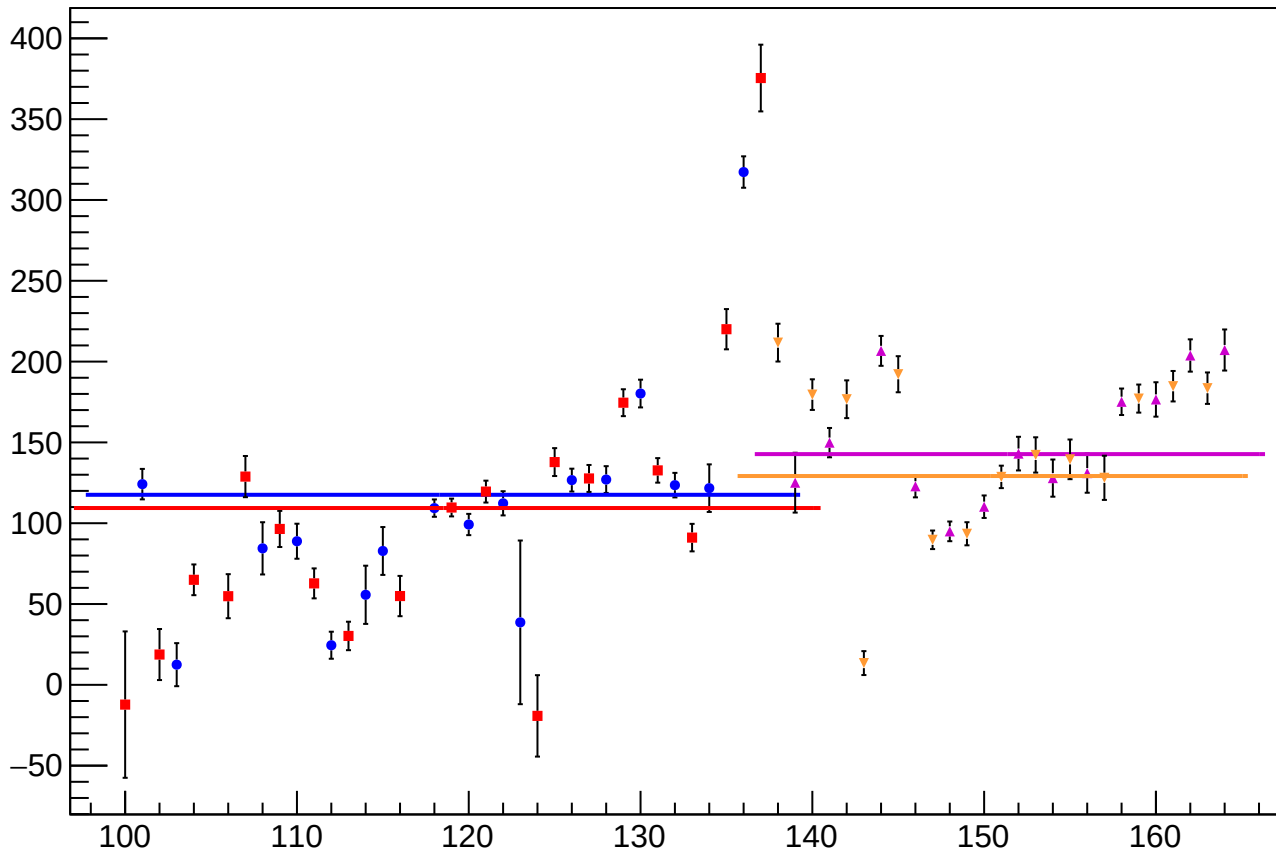
Left In: 470.693 $\pm$ 3.023 χ^2 /NDF: 393.4/12

+ sign 443.093 $\pm$ 2.282 χ^2 /NDF: 4916.3/30

All: 457.566 $\pm$ 1.619 χ^2 /NDF: 7678.4/62

- sign 472.230 $\pm$ 2.297 χ^2 /NDF: 2681.1/31

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 129.200 ± 2.369 $\chi^2/\text{NDF}: 542.1/13$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

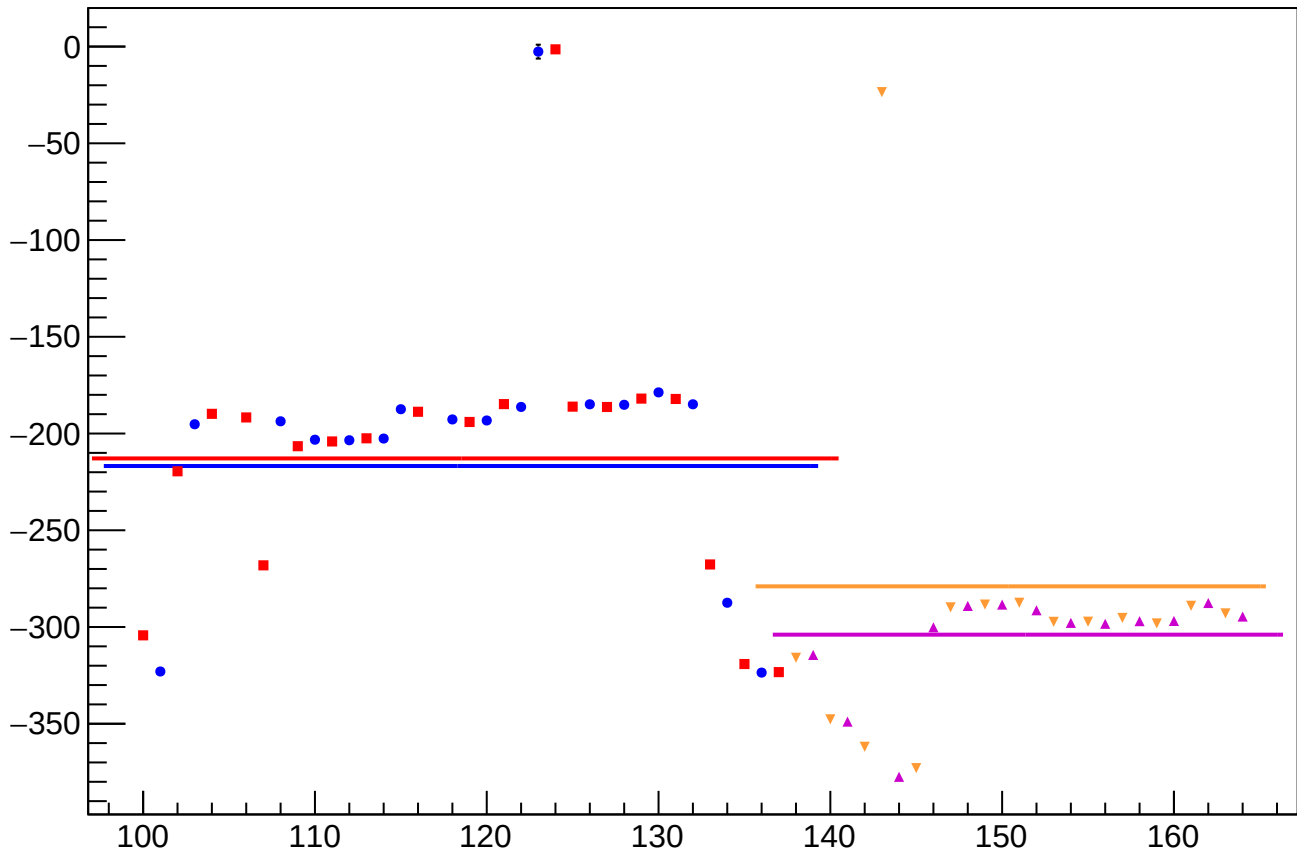
Left In: 142.757 ± 2.507 $\chi^2/\text{NDF}: 232.3/12$

+ sign 122.945 ± 1.609 $\chi^2/\text{NDF}: 1262.0/30$

All: 123.449 ± 1.155 $\chi^2/\text{NDF}: 2165.3/62$

- sign 123.984 ± 1.658 $\chi^2/\text{NDF}: 903.2/31$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 χ^2/NDF : 146976.1/16

Left Out: -278.989 ± 0.118 χ^2/NDF : 544963.8/13

Right Out: -212.869 ± 0.130 χ^2/NDF : 116393.6/18

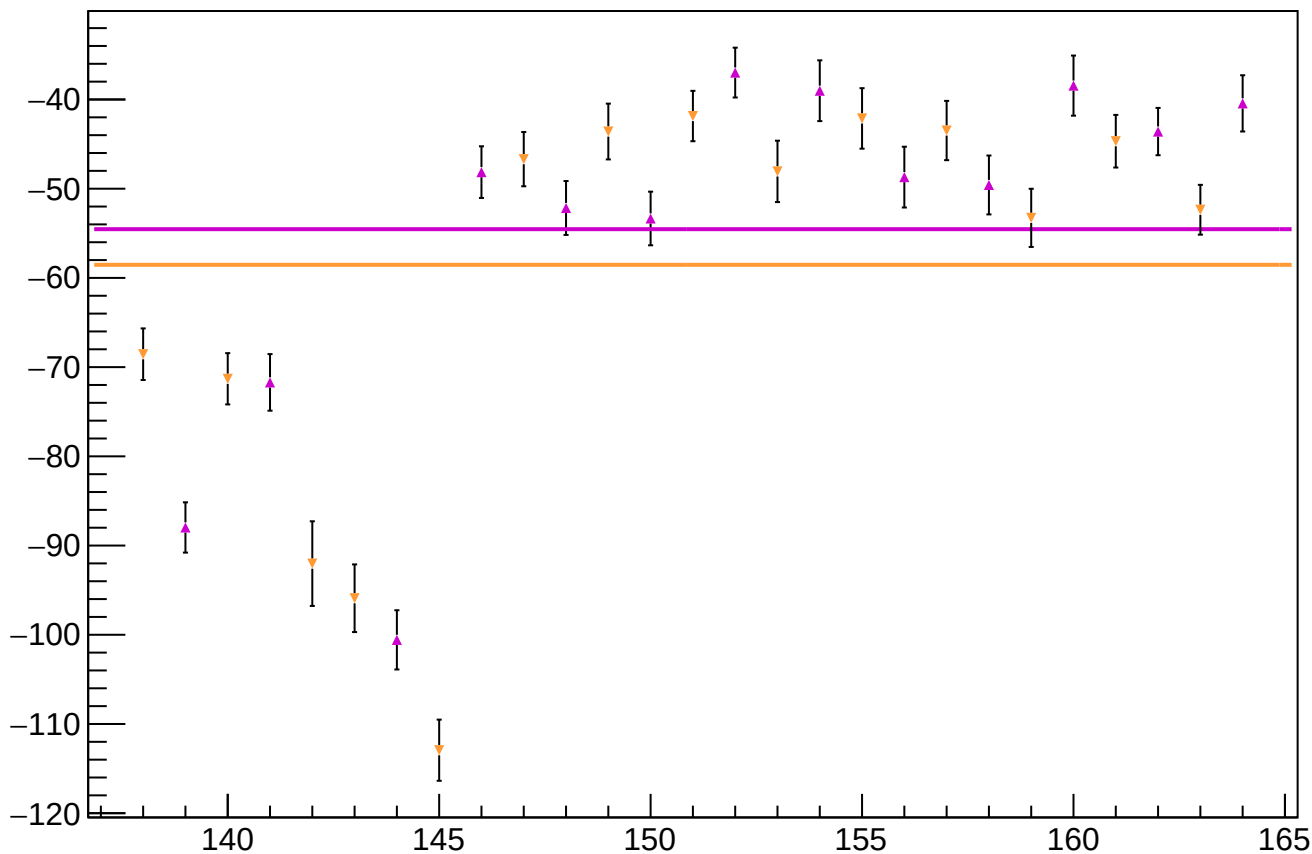
Left In: -303.958 ± 0.121 χ^2/NDF : 37843.5/12

+ sign -252.197 ± 0.089 χ^2/NDF : 811589.5/30

All: -257.087 ± 0.063 χ^2/NDF : 1235523.5/62

- sign -261.910 ± 0.088 χ^2/NDF : 417943.5/31

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -58.532+/-0.853 χ^2/NDF : 586.2/13

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

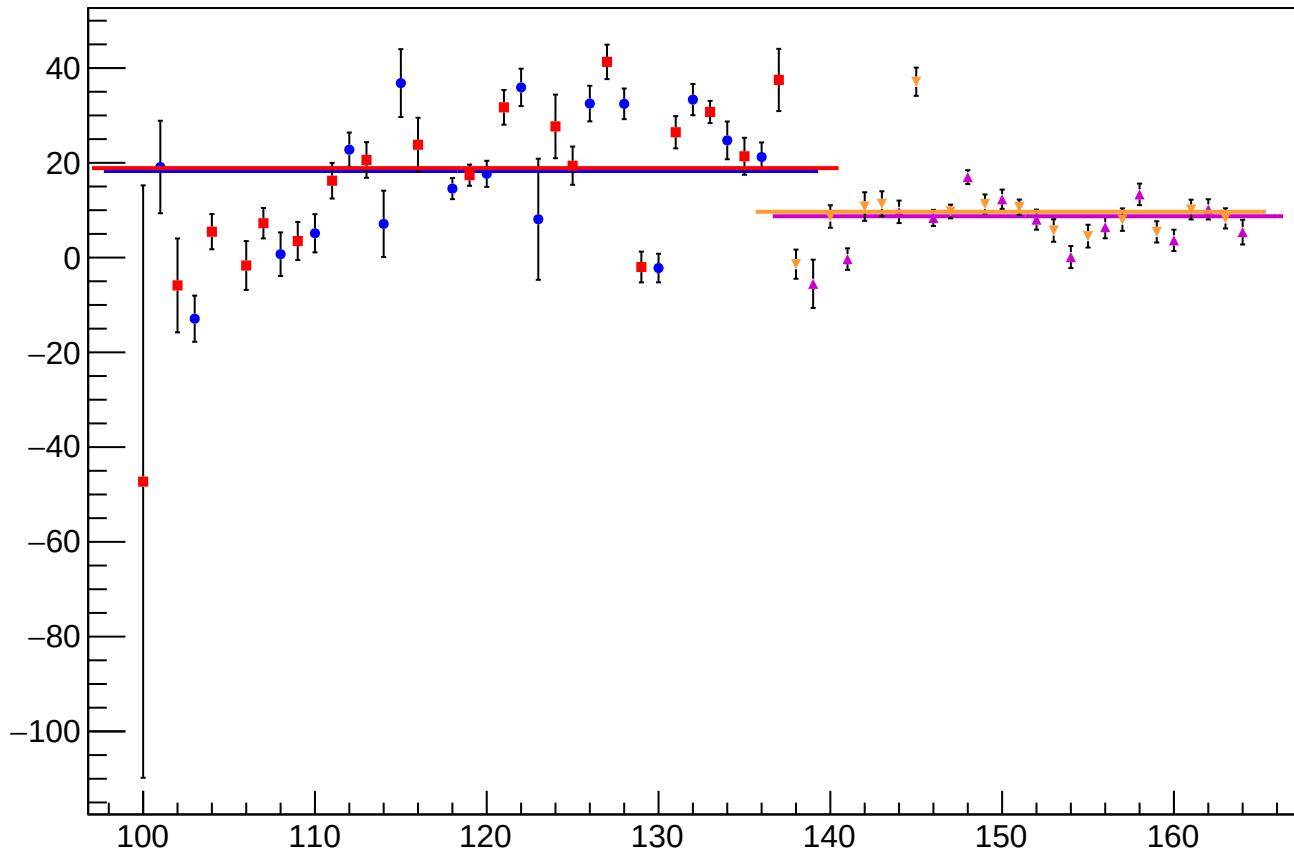
Left In: -54.537+/-0.852 χ^2/NDF : 493.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.532+/-0.603 χ^2/NDF : 1090.6/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 ± 0.906 χ^2/NDF : 204.6/16

Left Out: 9.668 ± 0.583 χ^2/NDF : 111.3/13

Right Out: 18.882 ± 0.864 χ^2/NDF : 198.4/18

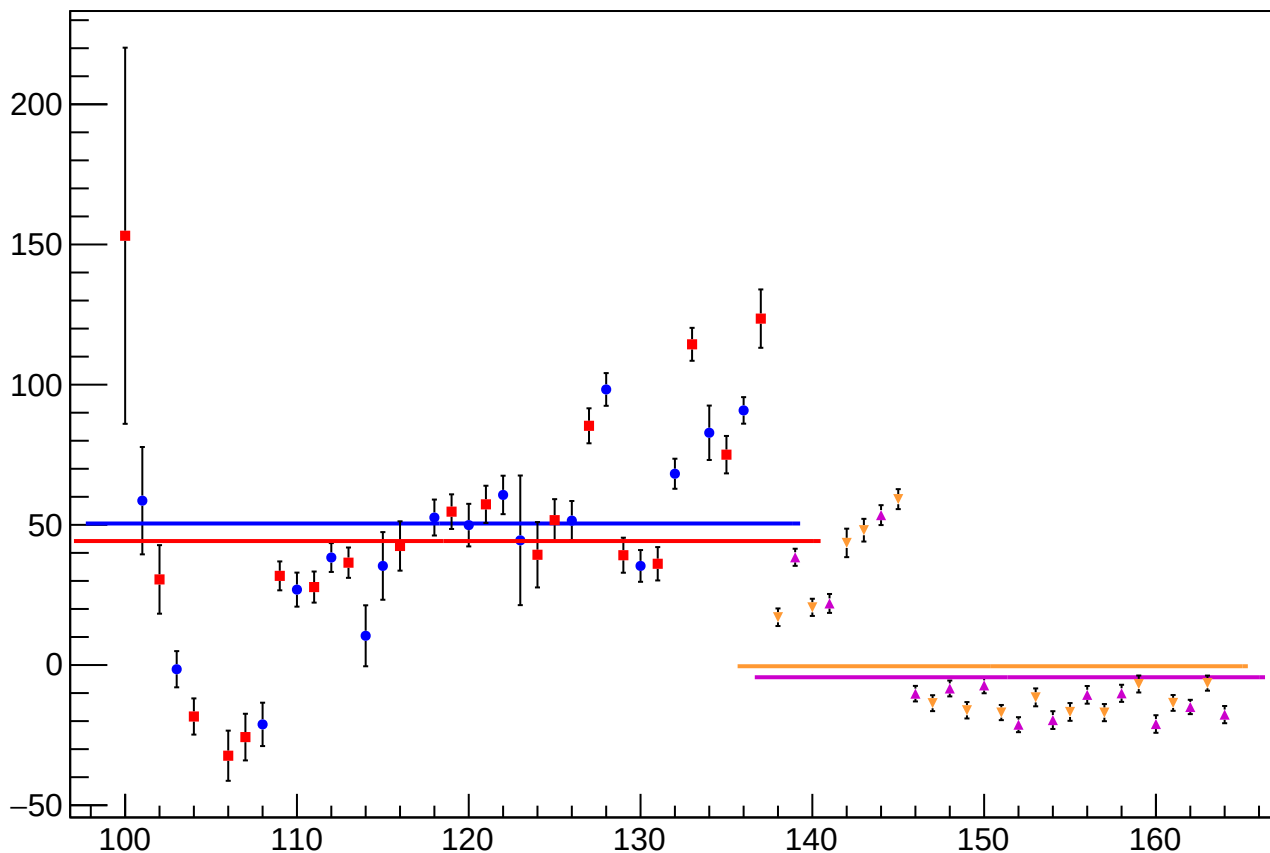
Left In: 8.719 ± 0.597 χ^2/NDF : 84.7/12

+ sign 12.190 ± 0.490 χ^2/NDF : 379.8/30

All: 12.097 ± 0.347 χ^2/NDF : 756.5/62

- sign 12.003 ± 0.491 χ^2/NDF : 376.7/31

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 ± 1.668 $\chi^2/\text{NDF}: 357.9/16$

Left Out: -0.429 ± 0.833 $\chi^2/\text{NDF}: 763.5/13$

Right Out: 44.222 ± 1.602 $\chi^2/\text{NDF}: 534.4/18$

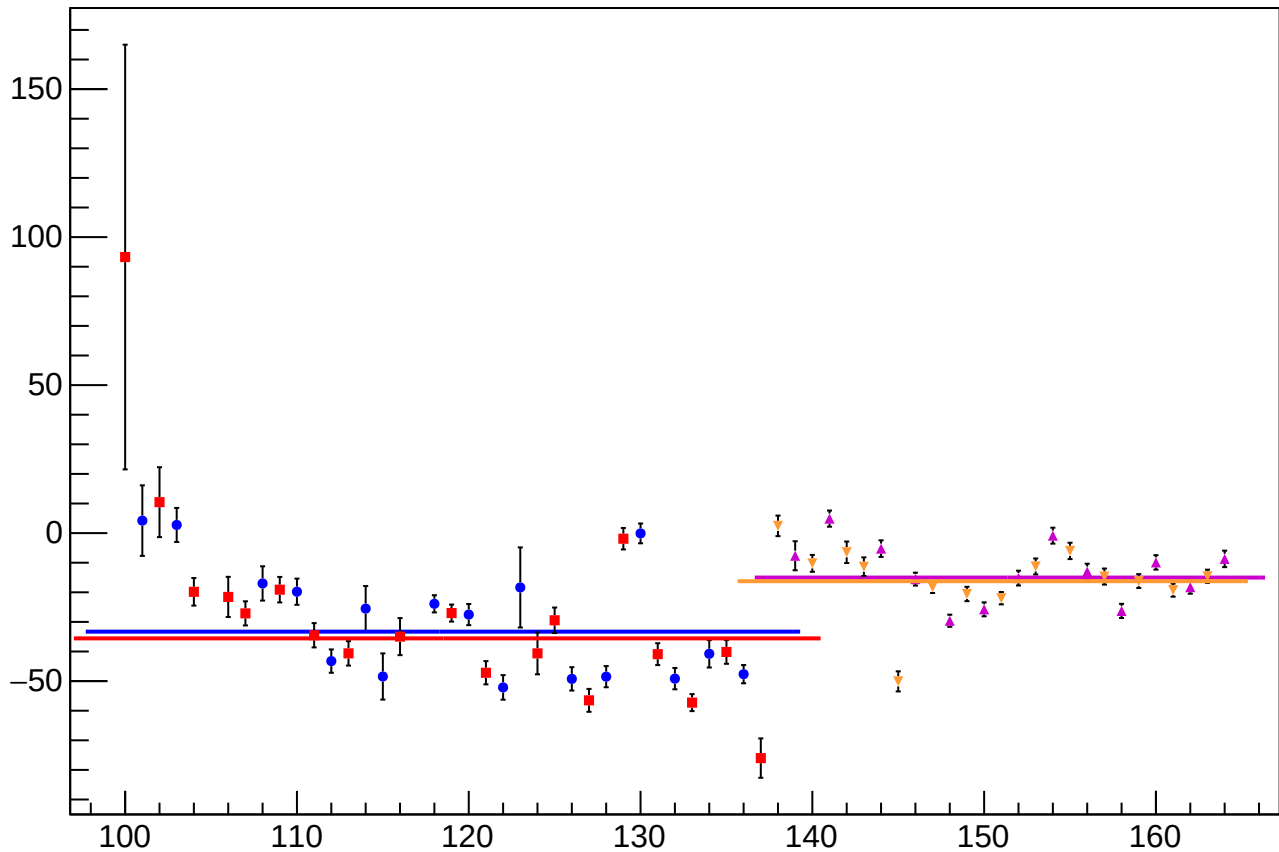
Left In: -4.354 ± 0.826 $\chi^2/\text{NDF}: 665.7/12$

+ sign 9.726 ± 0.745 $\chi^2/\text{NDF}: 1867.2/30$

All: 7.759 ± 0.523 $\chi^2/\text{NDF}: 3807.0/62$

- sign 5.847 ± 0.734 $\chi^2/\text{NDF}: 1926.0/31$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.243 ± 0.689 χ^2/NDF : 174.0/13

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

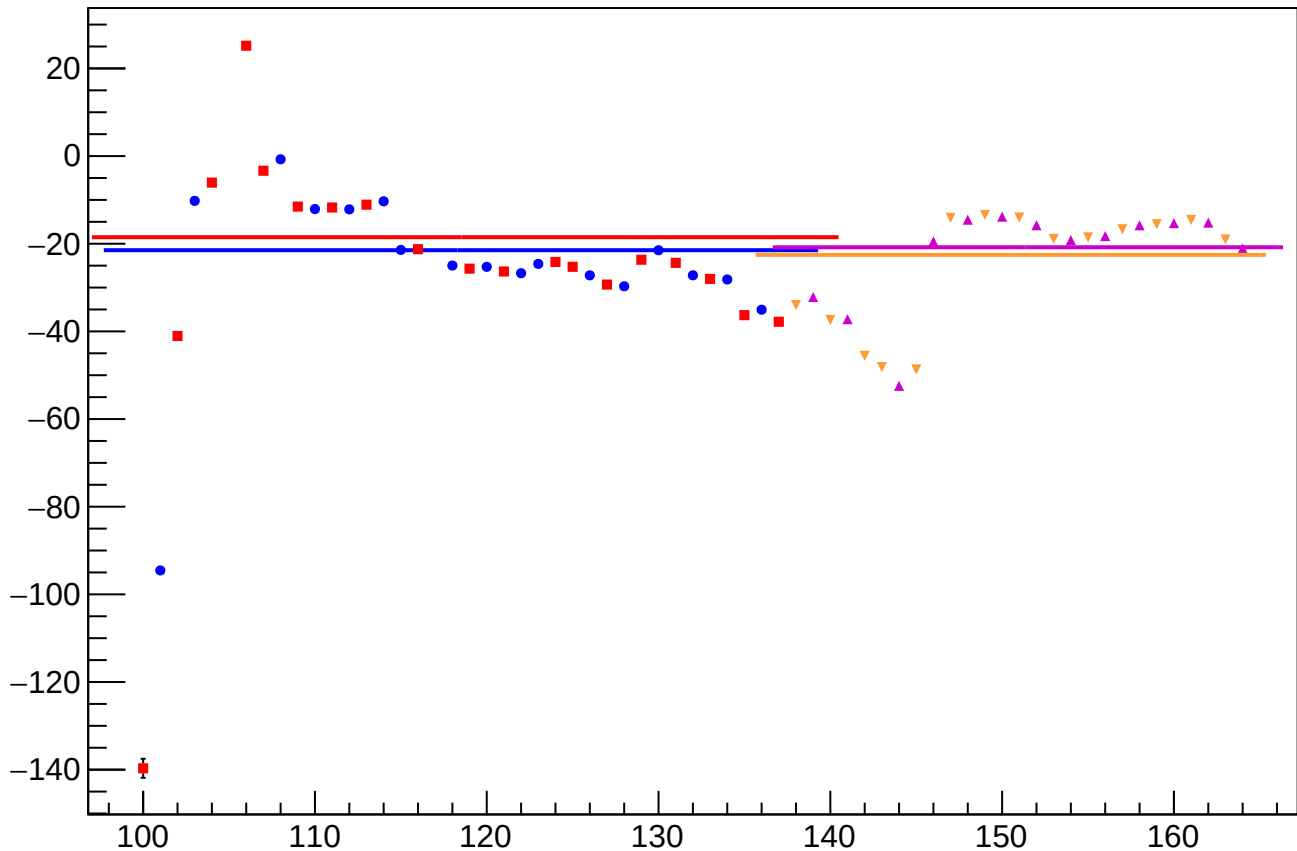
Left In: -15.022 ± 0.700 χ^2/NDF : 200.8/12

+ sign -21.490 ± 0.573 χ^2/NDF : 651.6/30

All: -21.666 ± 0.405 χ^2/NDF : 1426.5/62

- sign -21.843 ± 0.572 χ^2/NDF : 774.7/31

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 χ^2/NDF : 49009.8/16

Left Out: -22.543 ± 0.033 χ^2/NDF : 124543.4/13

Right Out: -18.506 ± 0.057 χ^2/NDF : 80734.5/18

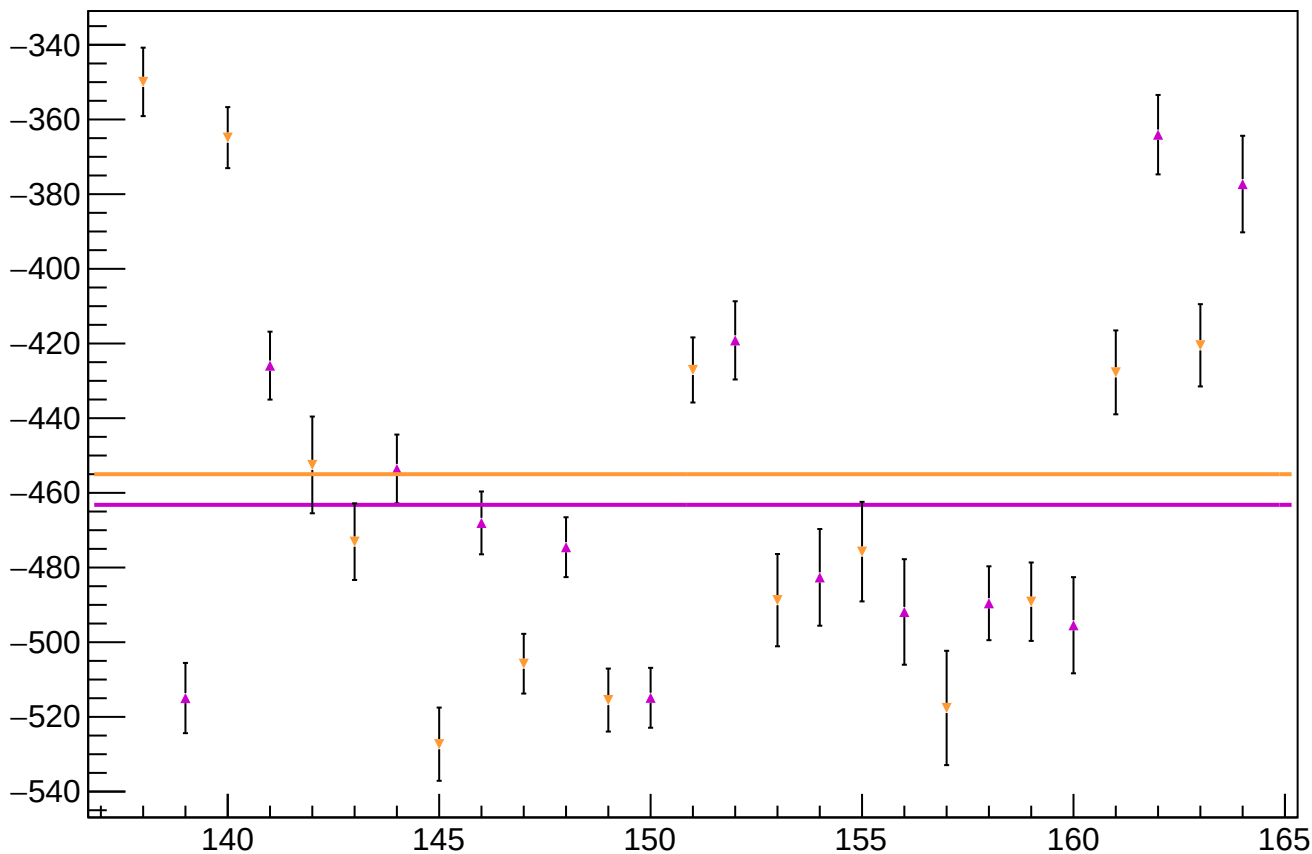
Left In: -20.806 ± 0.032 χ^2/NDF : 83952.5/12

+ sign -22.292 ± 0.028 χ^2/NDF : 173806.0/30

All: -21.262 ± 0.020 χ^2/NDF : 342314.0/62

- sign -20.253 ± 0.028 χ^2/NDF : 165908.2/31

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -455.002+/-2.699 χ^2/NDF : 465.4/13

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

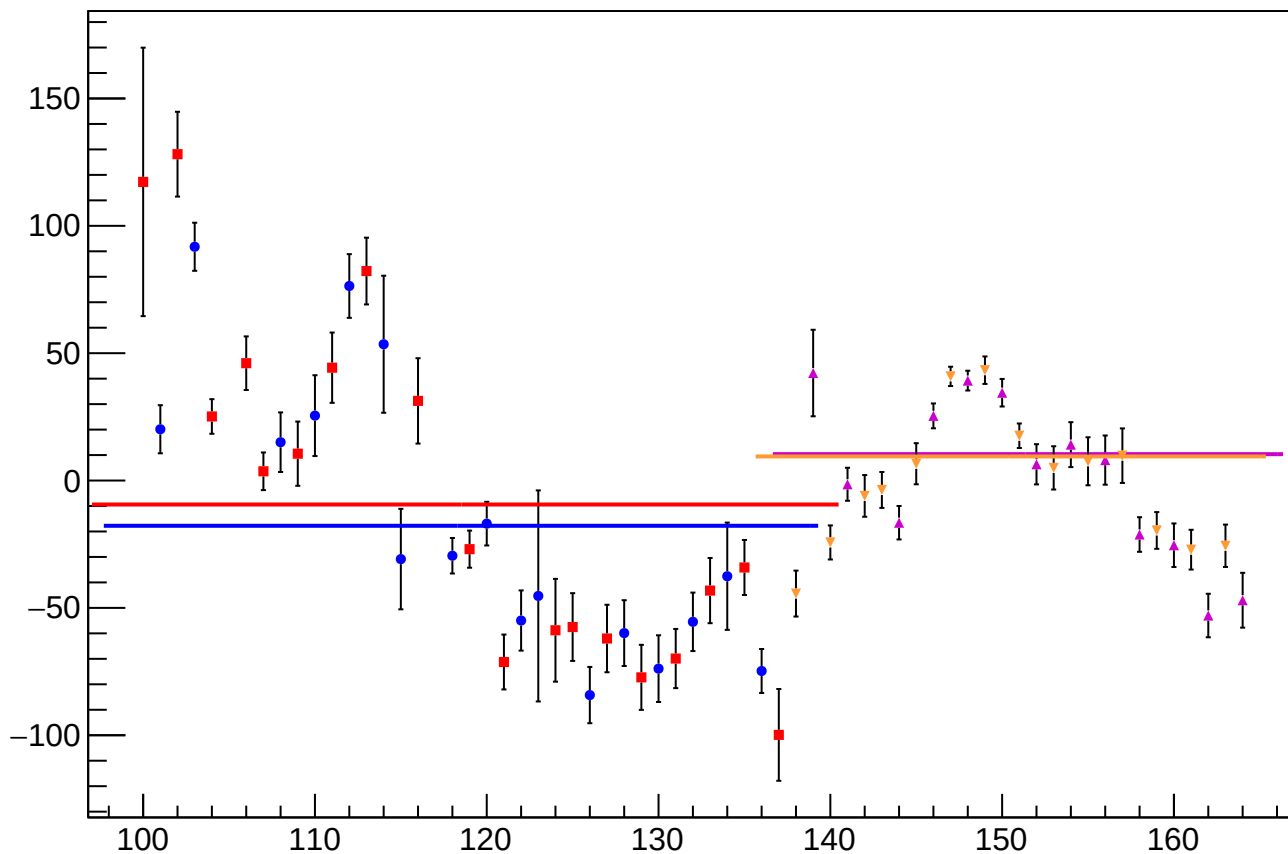
Left In: -463.210+/-2.757 χ^2/NDF : 260.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -459.019+/-1.929 χ^2/NDF : 730.3/26

- 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: 9.458 ± 1.778 χ^2/NDF : 235.8/13

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

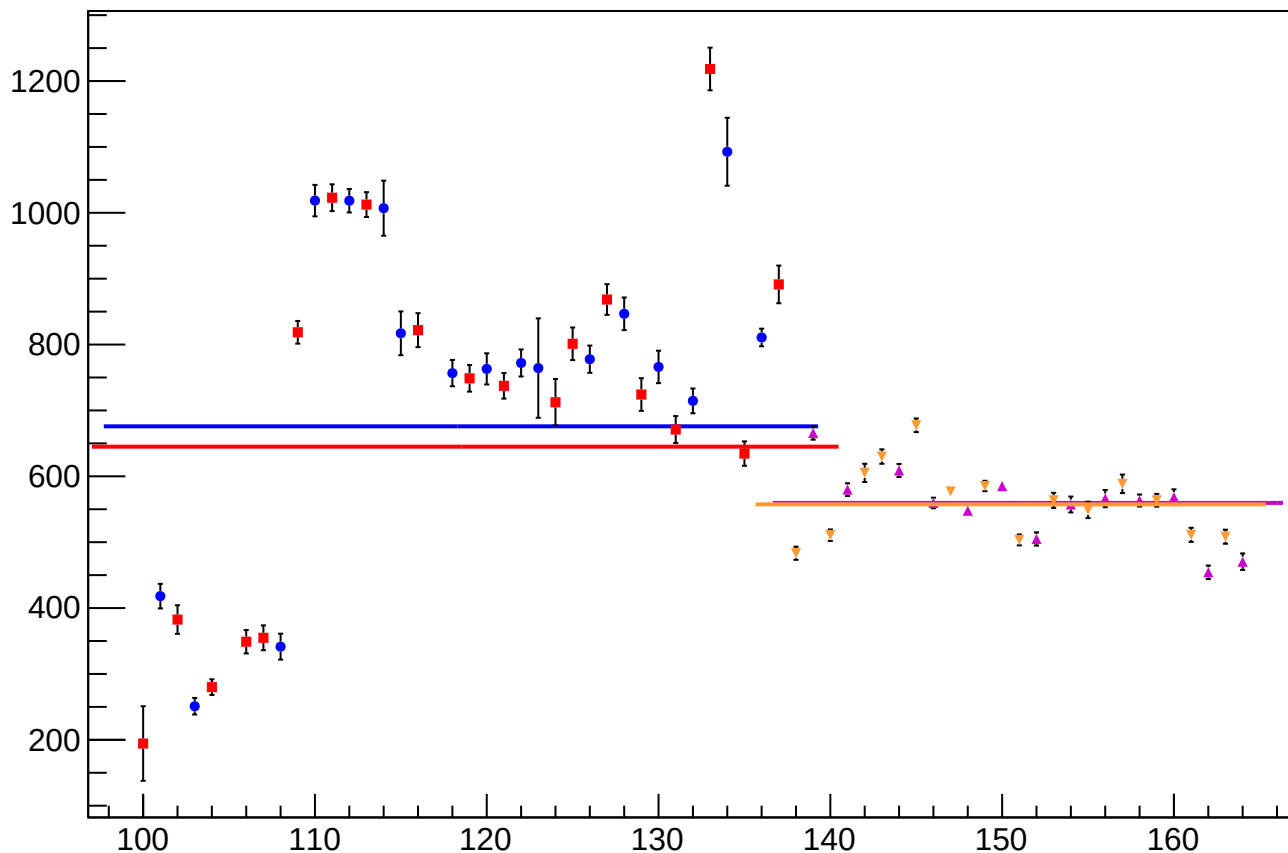
Left In: 10.357 ± 1.856 χ^2/NDF : 231.2/12

+ sign 1.559 ± 1.498 χ^2/NDF : 667.7/30

All: 2.632 ± 1.065 χ^2/NDF : 1307.5/62

- sign 3.727 ± 1.513 χ^2/NDF : 638.8/31

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 ± 5.037 $\chi^2/\text{NDF}: 2586.4/16$

Left Out: 557.425 ± 2.654 $\chi^2/\text{NDF}: 382.8/13$

Right Out: 645.014 ± 4.761 $\chi^2/\text{NDF}: 3123.3/18$

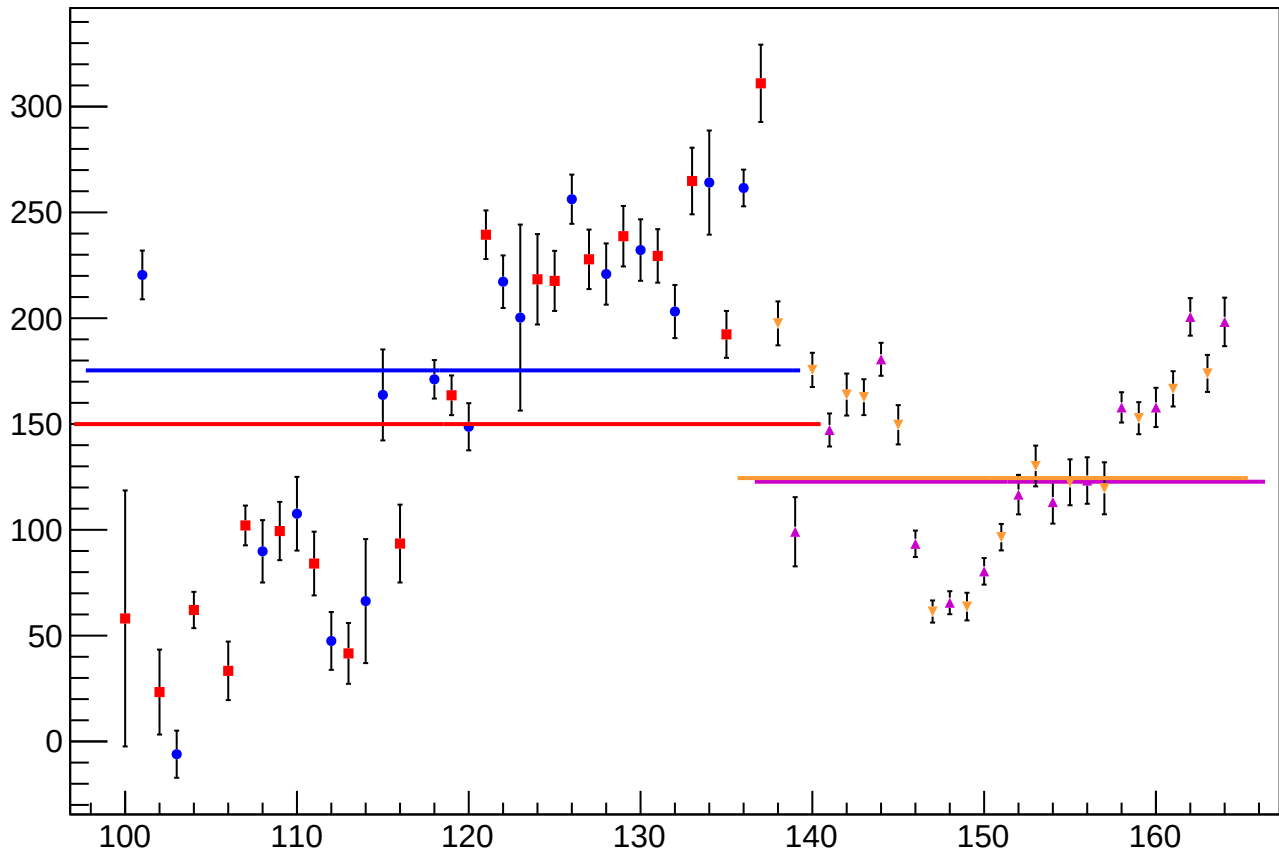
Left In: 559.654 ± 2.682 $\chi^2/\text{NDF}: 339.0/12$

+ sign 583.161 ± 2.348 $\chi^2/\text{NDF}: 3402.0/30$

All: 581.680 ± 1.656 $\chi^2/\text{NDF}: 7109.1/62$

- sign 580.213 ± 2.336 $\chi^2/\text{NDF}: 3706.3/31$

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2/NDF : 638.5/16

Left Out: 124.446 $\pm$ 2.148 χ^2/NDF : 457.3/13

Right Out: 149.966 $\pm$ 3.045 χ^2/NDF : 693.2/18

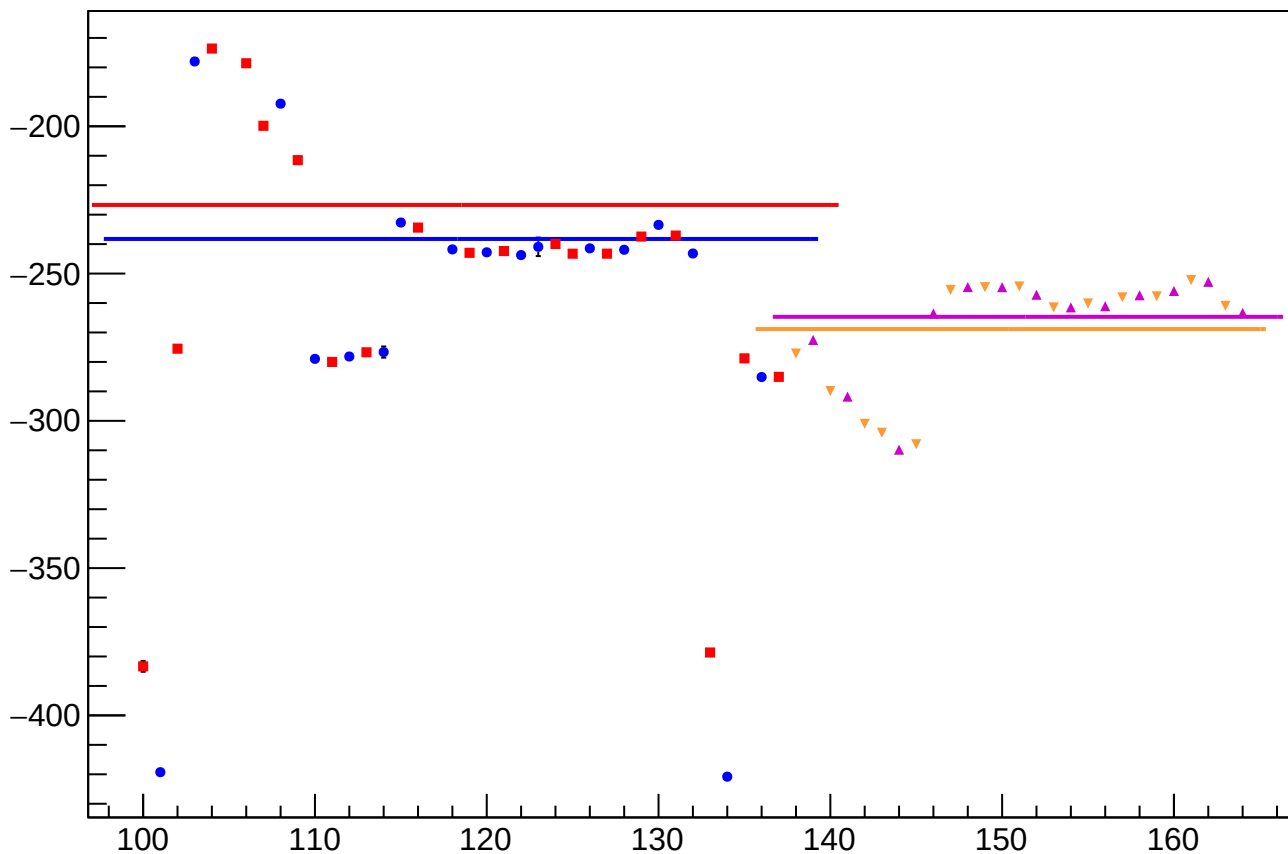
Left In: 122.731 $\pm$ 2.224 χ^2/NDF : 405.4/12

+ sign 140.240 $\pm$ 1.784 χ^2/NDF : 1269.9/30

All: 136.247 $\pm$ 1.266 χ^2/NDF : 2430.7/62

- sign 132.202 $\pm$ 1.796 χ^2/NDF : 1150.7/31

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248 ± 0.160 χ^2/NDF : 167125.9/16

Left Out: -268.839 ± 0.107 χ^2/NDF : 31534.8/13

Right Out: -226.706 ± 0.151 χ^2/NDF : 102831.3/18

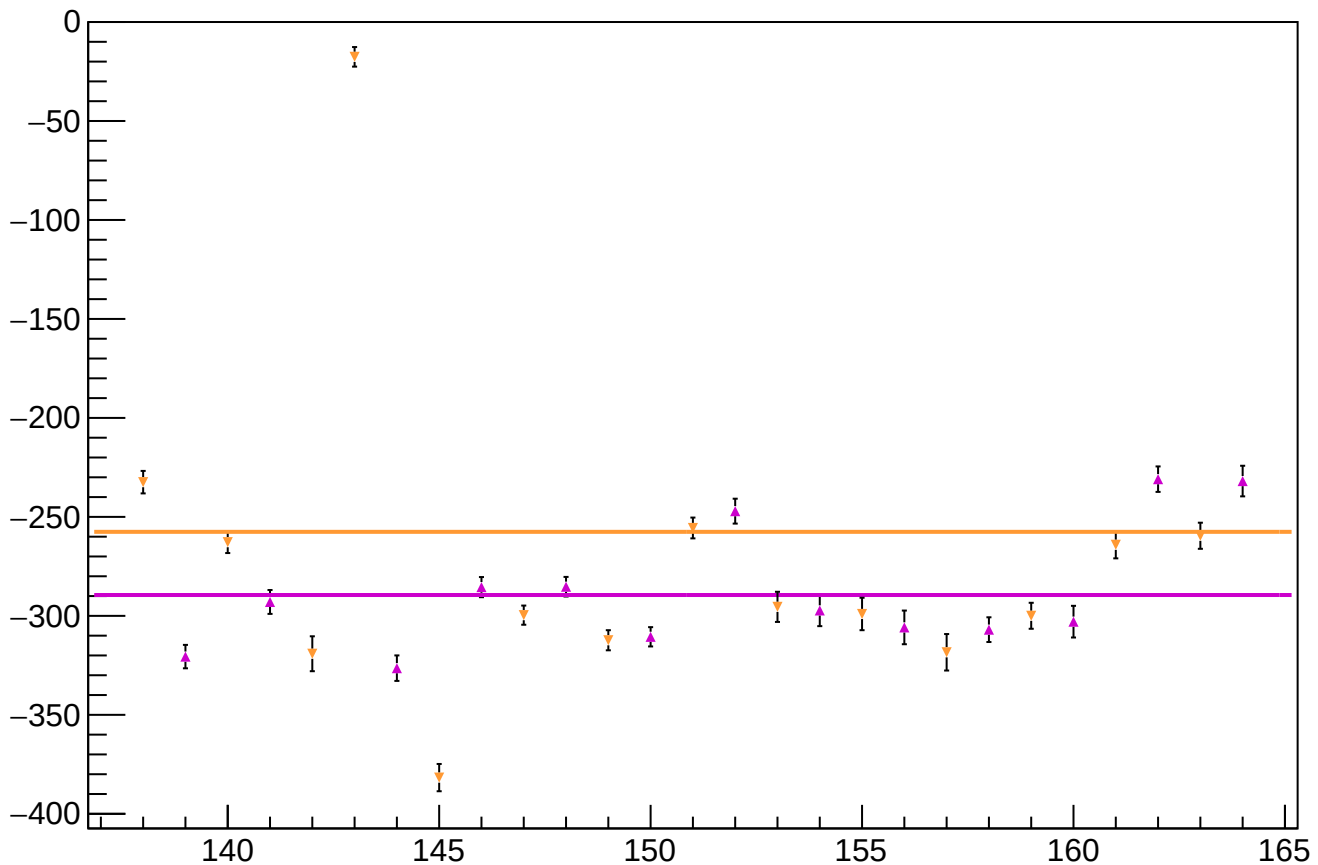
Left In: -264.685 ± 0.107 χ^2/NDF : 20461.6/12

+ sign -259.421 ± 0.089 χ^2/NDF : 223985.6/30

All: -255.660 ± 0.062 χ^2/NDF : 392928.1/62

- sign -252.025 ± 0.087 χ^2/NDF : 165410.4/31

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -257.550+/-1.649 χ^2/NDF : 3075.9/13

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

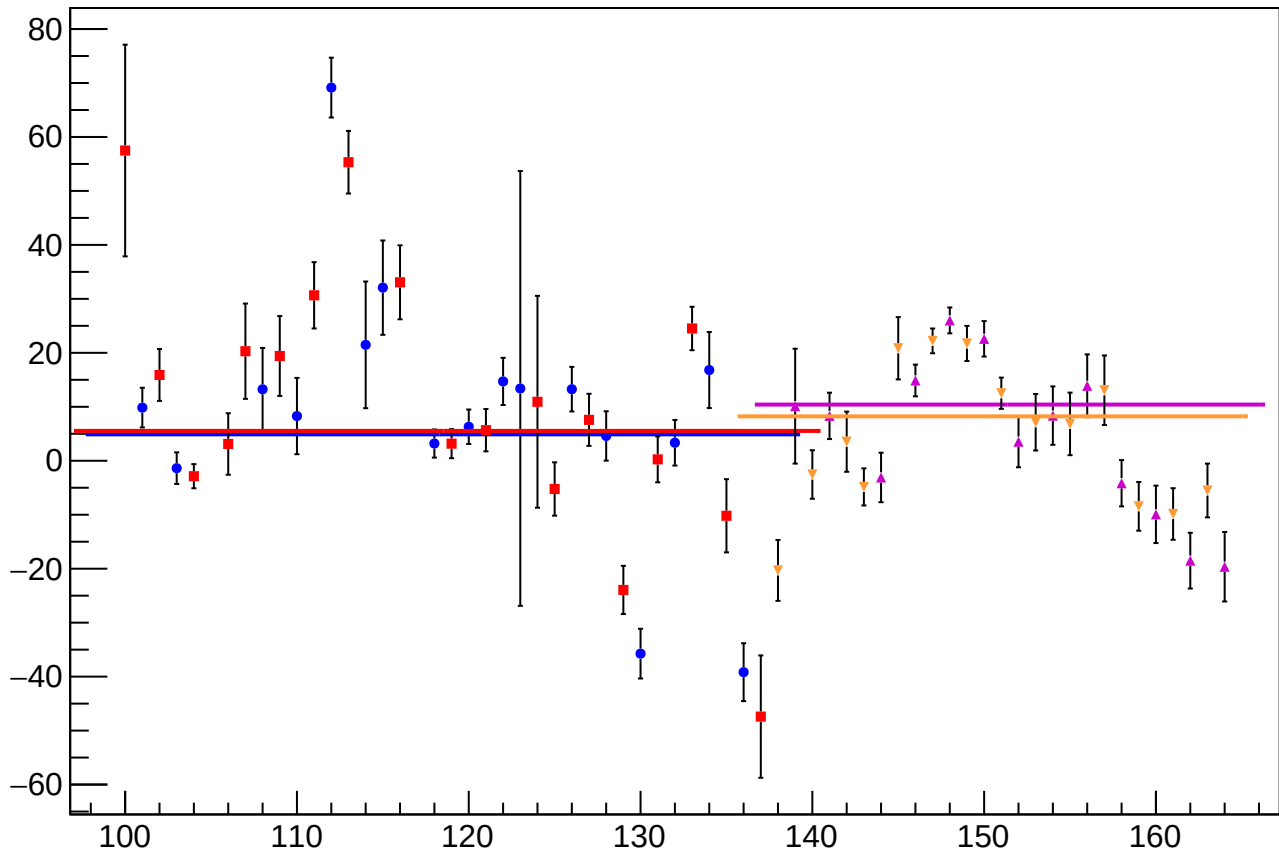
Left In: -289.466+/-1.718 χ^2/NDF : 280.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.852+/-1.190 χ^2/NDF : 3535.6/26

- 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: 8.231 ± 1.082 χ^2/NDF : 144.1/13

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

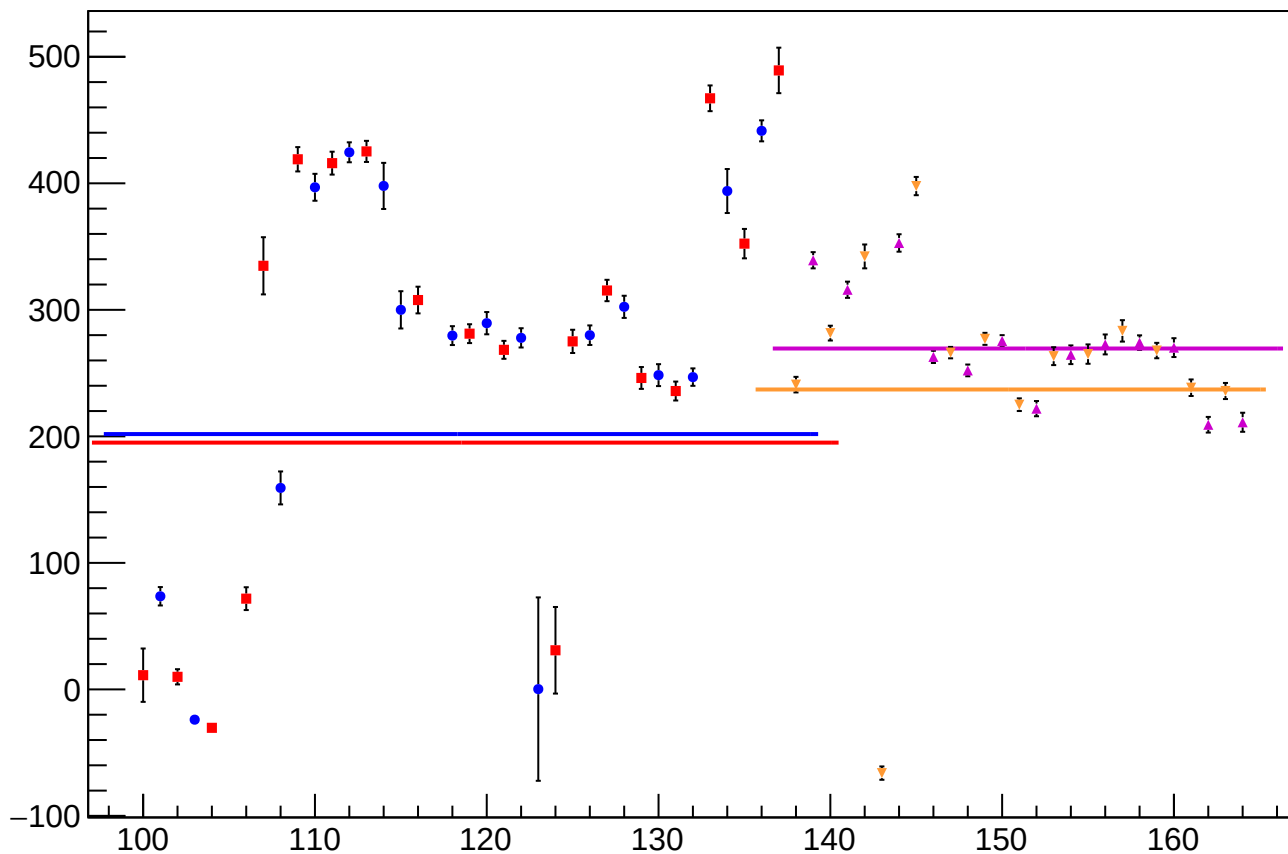
Left In: 10.412 ± 1.153 χ^2/NDF : 149.1/12

+ sign 6.575 ± 0.767 χ^2/NDF : 460.8/30

All: 7.171 ± 0.549 χ^2/NDF : 859.9/62

- sign 7.794 ± 0.785 χ^2/NDF : 397.9/31

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 237.048 $\pm$ 1.620 χ^2 /NDF: 4176.6/13

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

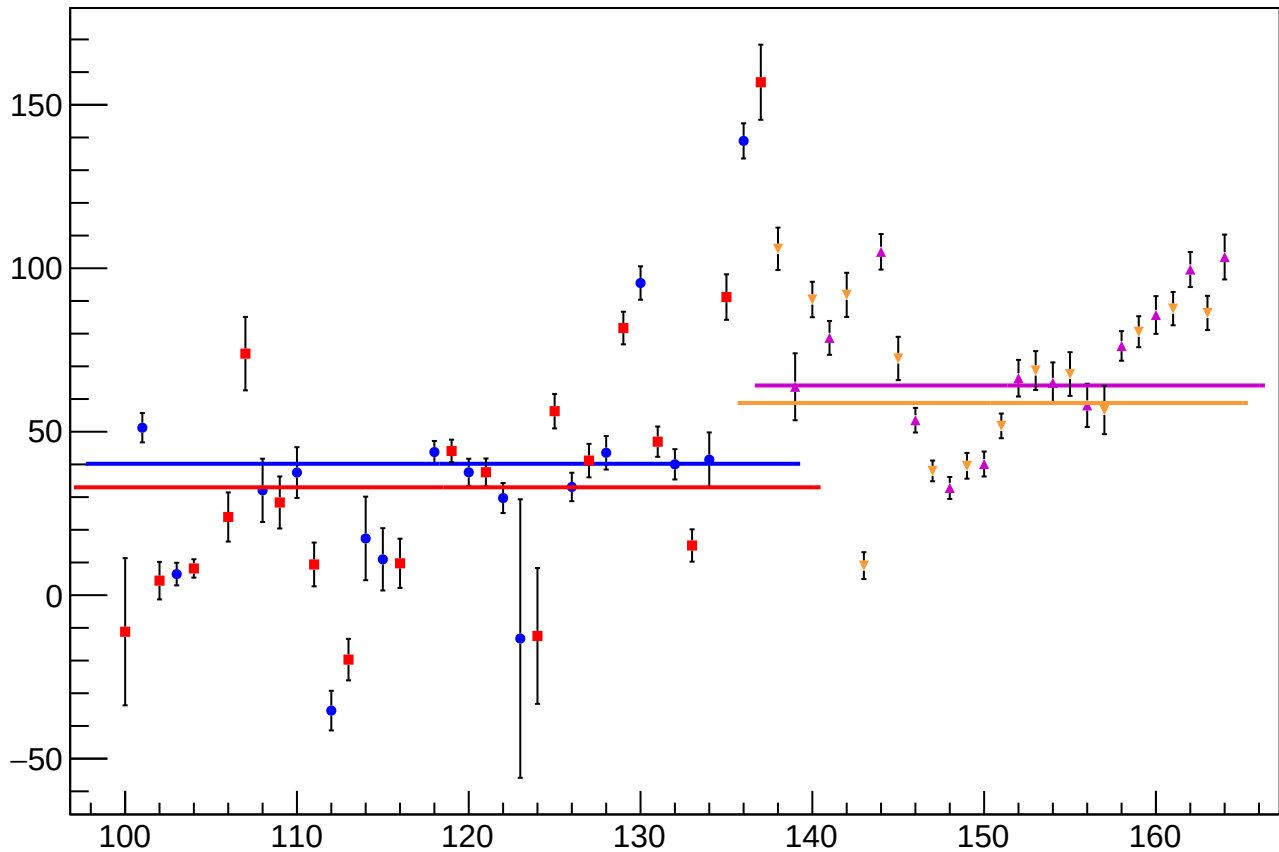
Left In: 269.430 $\pm$ 1.665 χ^2 /NDF: 553.3/12

+ sign 222.836 $\pm$ 1.251 χ^2 /NDF: 11121.7/30

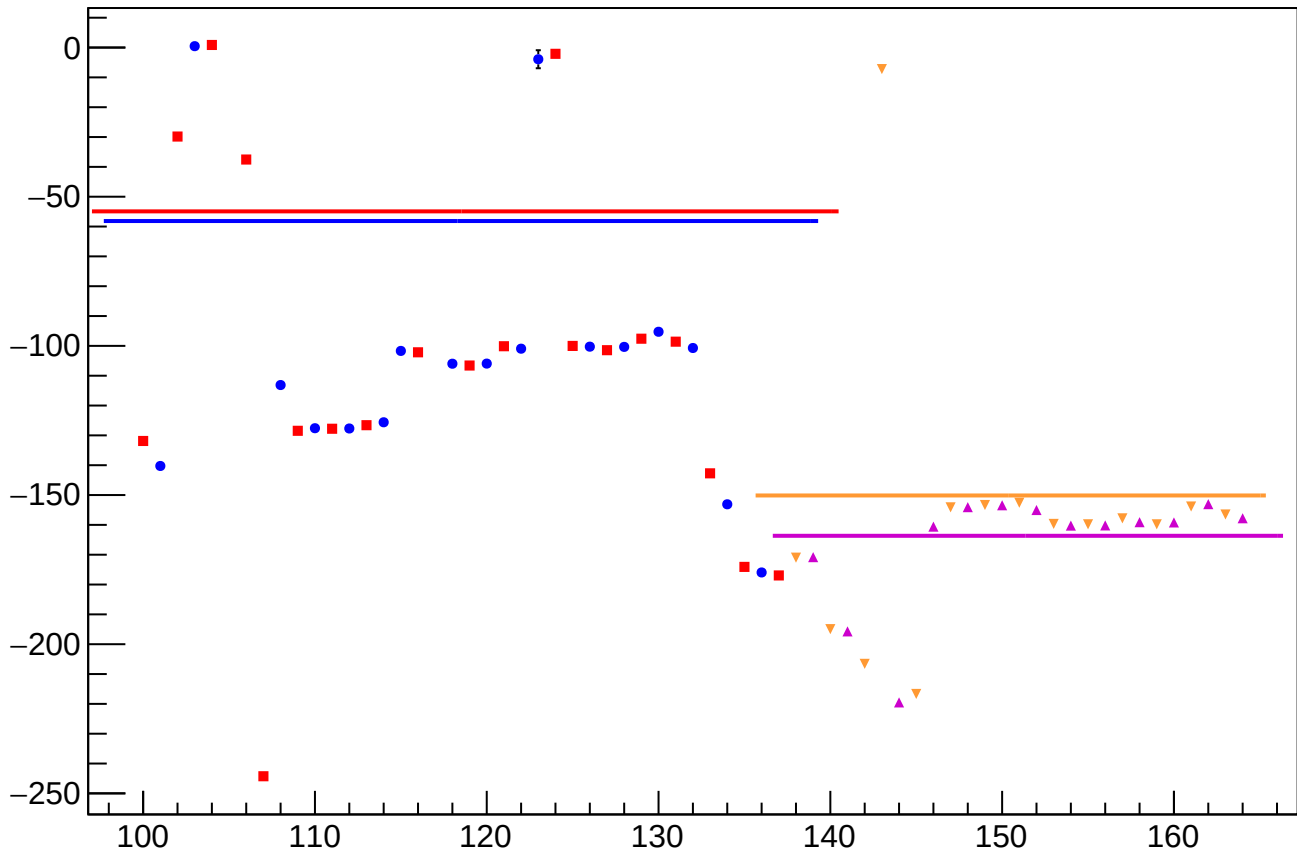
All: 230.161 $\pm$ 0.888 χ^2 /NDF: 20855.1/62

- sign 237.580 $\pm$ 1.259 χ^2 /NDF: 9664.4/31

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 χ^2/NDF : 1105509.3/16

Left Out: -150.142 ± 0.065 χ^2/NDF : 579579.9/13

Right Out: -54.914 ± 0.060 χ^2/NDF : 1003885.5/18

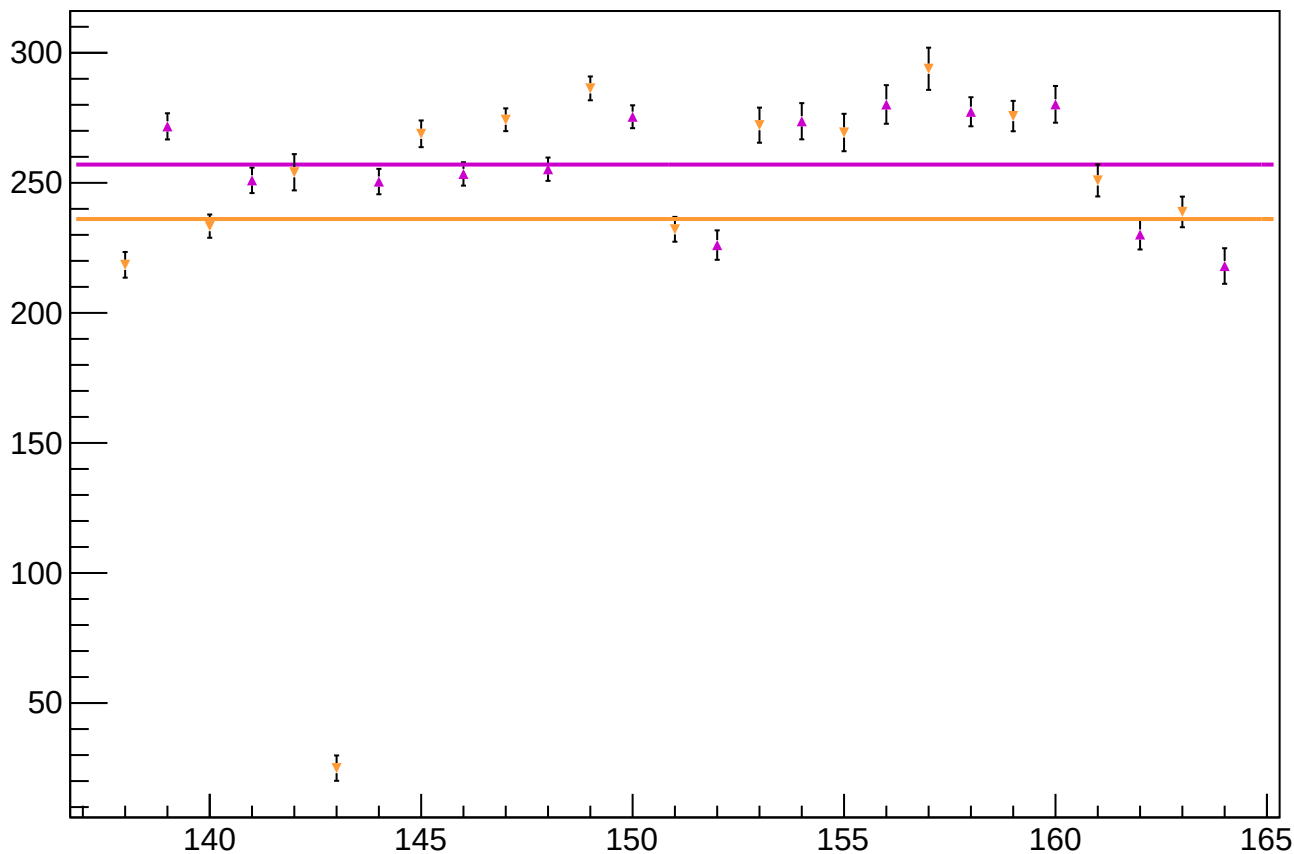
Left In: -163.660 ± 0.066 χ^2/NDF : 60393.5/12

+ sign -101.619 ± 0.045 χ^2/NDF : 2739647.2/30

All: -102.844 ± 0.032 χ^2/NDF : 5279153.0/62

- sign -104.061 ± 0.045 χ^2/NDF : 2538010.7/31

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 236.098+/-1.449 χ^2/NDF :2288.9/13

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

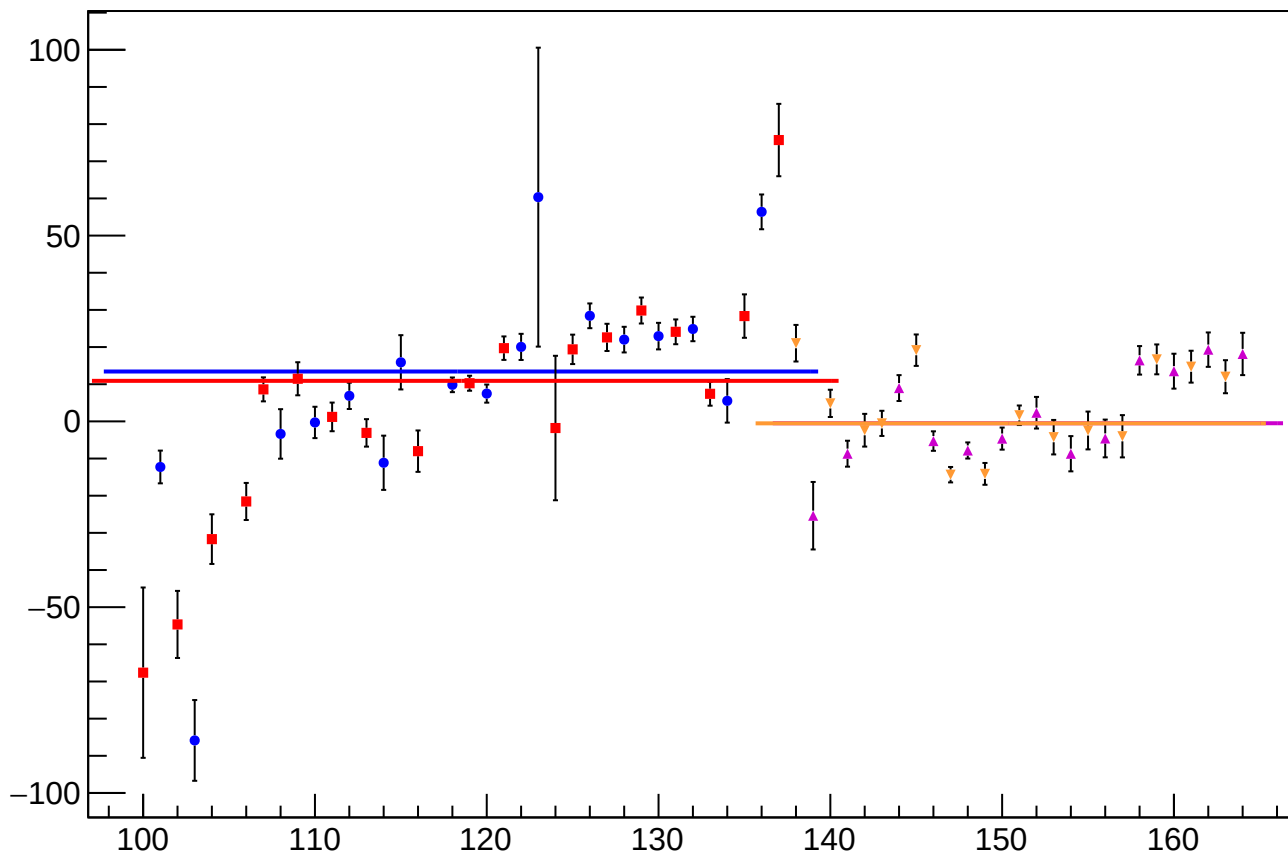
Left In: 257.031+/-1.494 χ^2/NDF :153.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.244+/-1.040 χ^2/NDF : 2543.7/26

- 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: -0.528 ± 0.960 χ^2/NDF : 149.7/13

Right Out: 10.908 ± 0.916 χ^2/NDF : 302.6/18

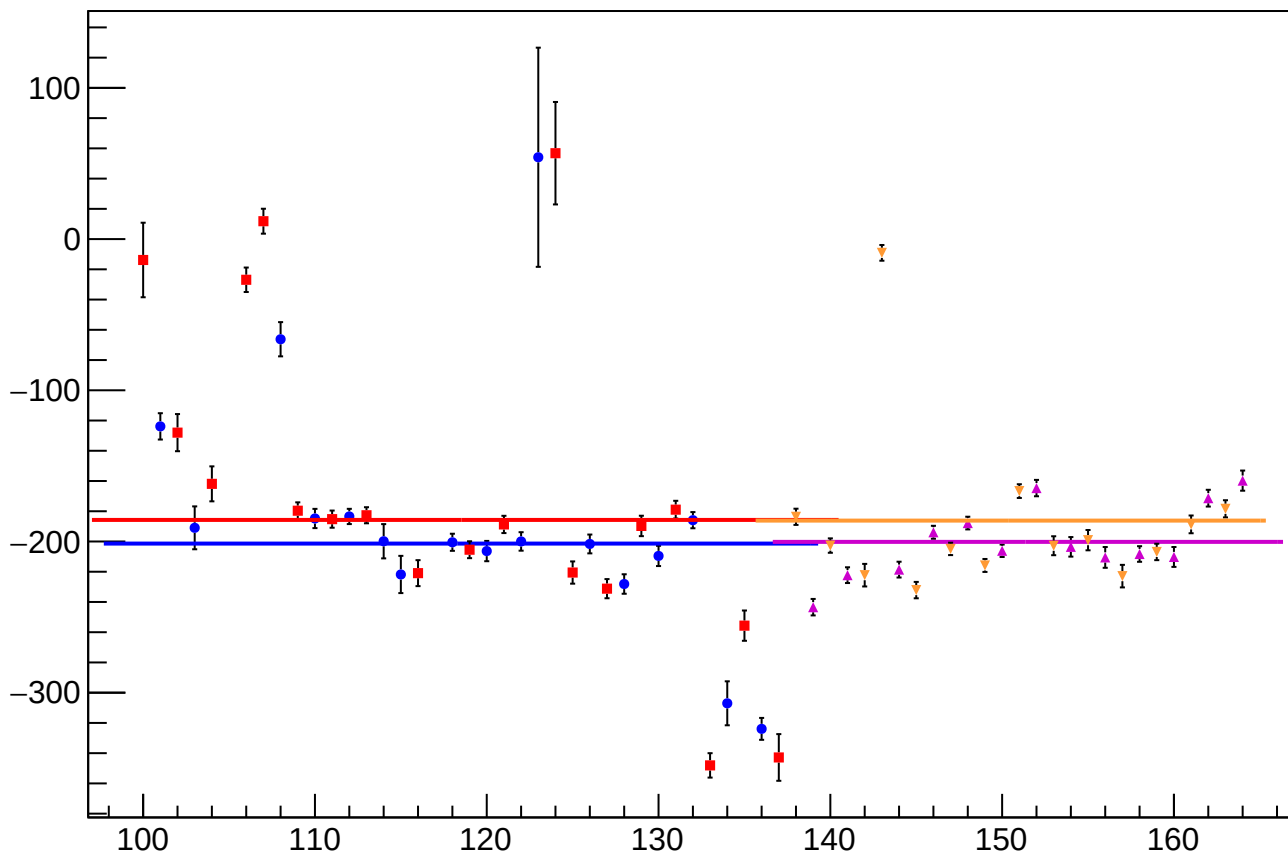
Left In: -0.499 ± 1.012 χ^2/NDF : 98.6/12

+ sign 6.747 ± 0.664 χ^2/NDF : 555.0/30

All: 6.269 ± 0.475 χ^2/NDF : 1027.1/62

- sign 5.769 ± 0.679 χ^2/NDF : 471.0/31

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -186.185 ± 1.428 χ^2/NDF : 1406.5/13

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

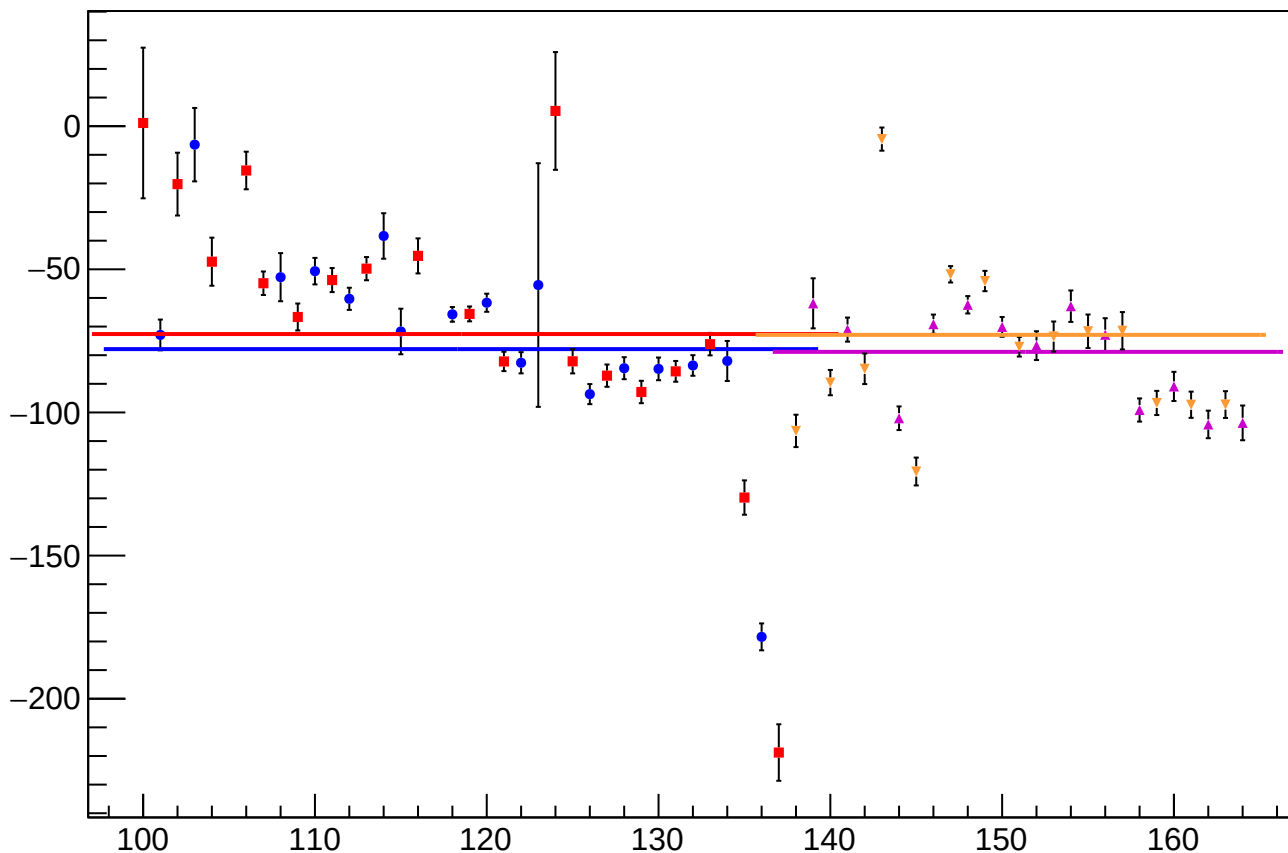
Left In: -200.254 ± 1.455 χ^2/NDF : 220.5/12

+ sign -192.141 ± 1.114 χ^2/NDF : 2074.3/30

All: -193.135 ± 0.785 χ^2/NDF : 4087.8/62

- sign -194.115 ± 1.106 χ^2/NDF : 2011.9/31

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 $\pm$ 1.066 χ^2/NDF : 658.2/16

Left Out: -72.897 $\pm$ 1.158 χ^2/NDF : 608.0/13

Right Out: -72.612 $\pm$ 1.054 χ^2/NDF : 606.9/18

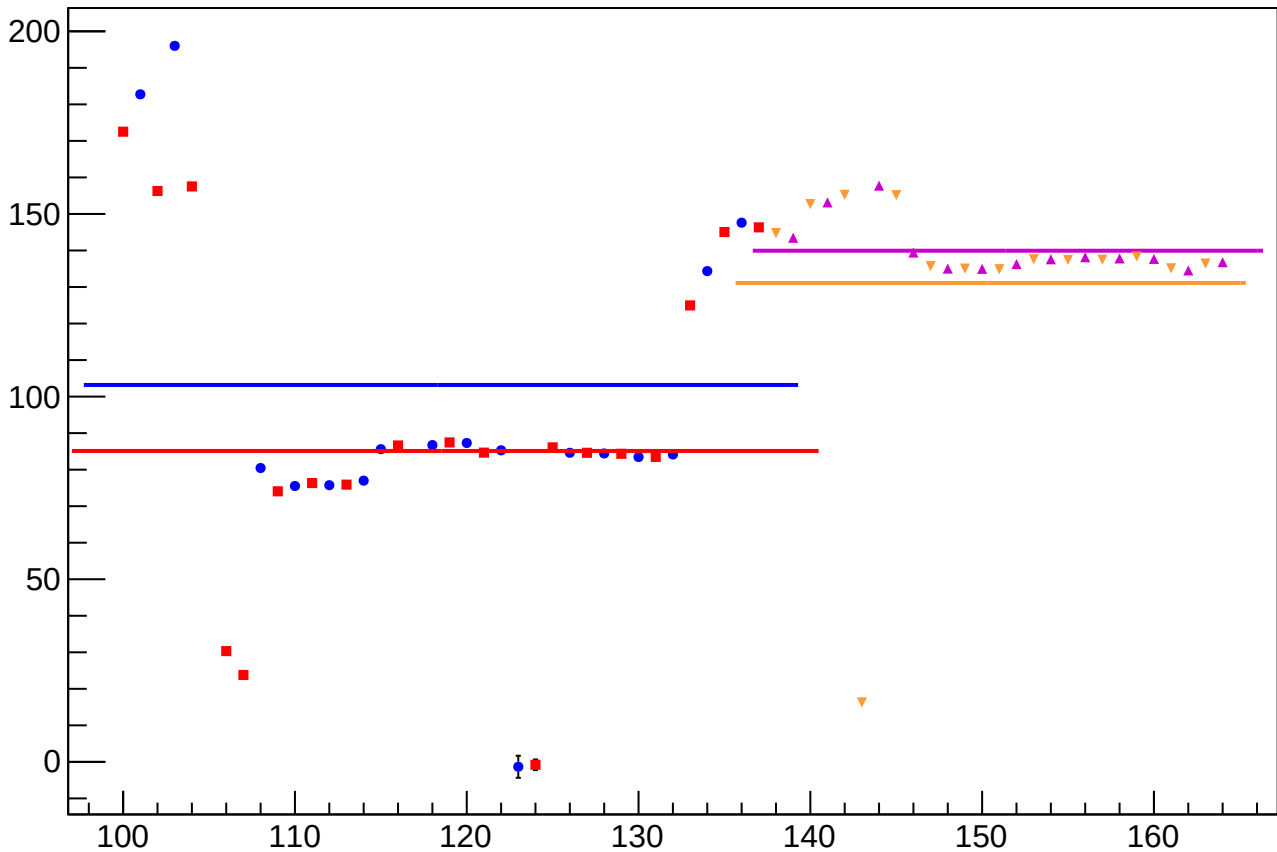
Left In: -78.838 $\pm$ 1.210 χ^2/NDF : 167.8/12

+ sign -75.594 $\pm$ 0.784 χ^2/NDF : 1276.2/30

All: -75.447 $\pm$ 0.558 χ^2/NDF : 2065.9/62

- sign -75.296 $\pm$ 0.795 χ^2/NDF : 789.7/31

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 131.117 $\pm$ 0.057 χ^2 /NDF: 344925.1/13

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

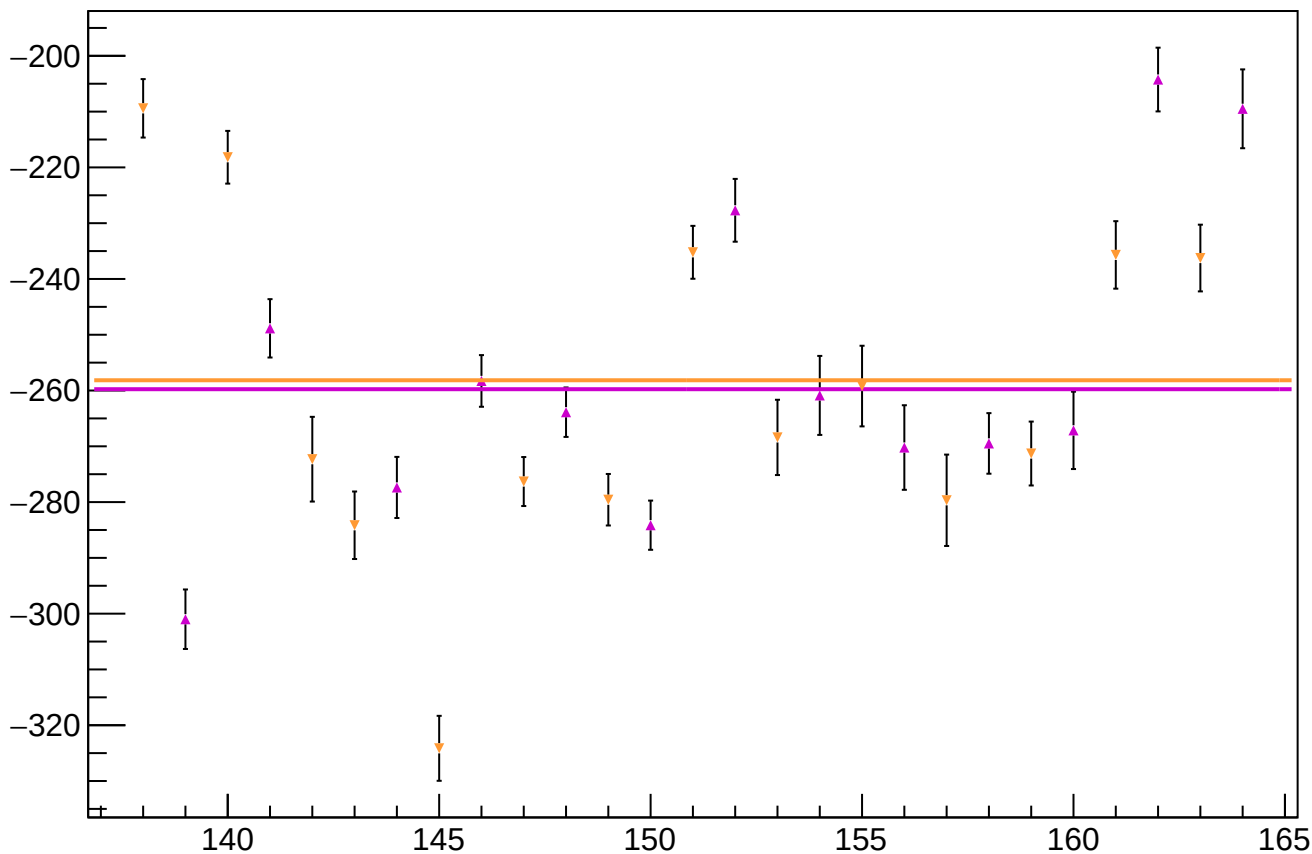
Left In: 139.938 $\pm$ 0.058 χ^2 /NDF: 13325.0/12

+ sign 119.973 $\pm$ 0.044 χ^2 /NDF: 713278.6/30

All: 117.458 $\pm$ 0.031 χ^2 /NDF: 1561188.1/62

- sign 115.115 $\pm$ 0.043 χ^2 /NDF: 841718.7/31

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -258.159+/-1.507 χ^2/NDF : 412.2/13

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

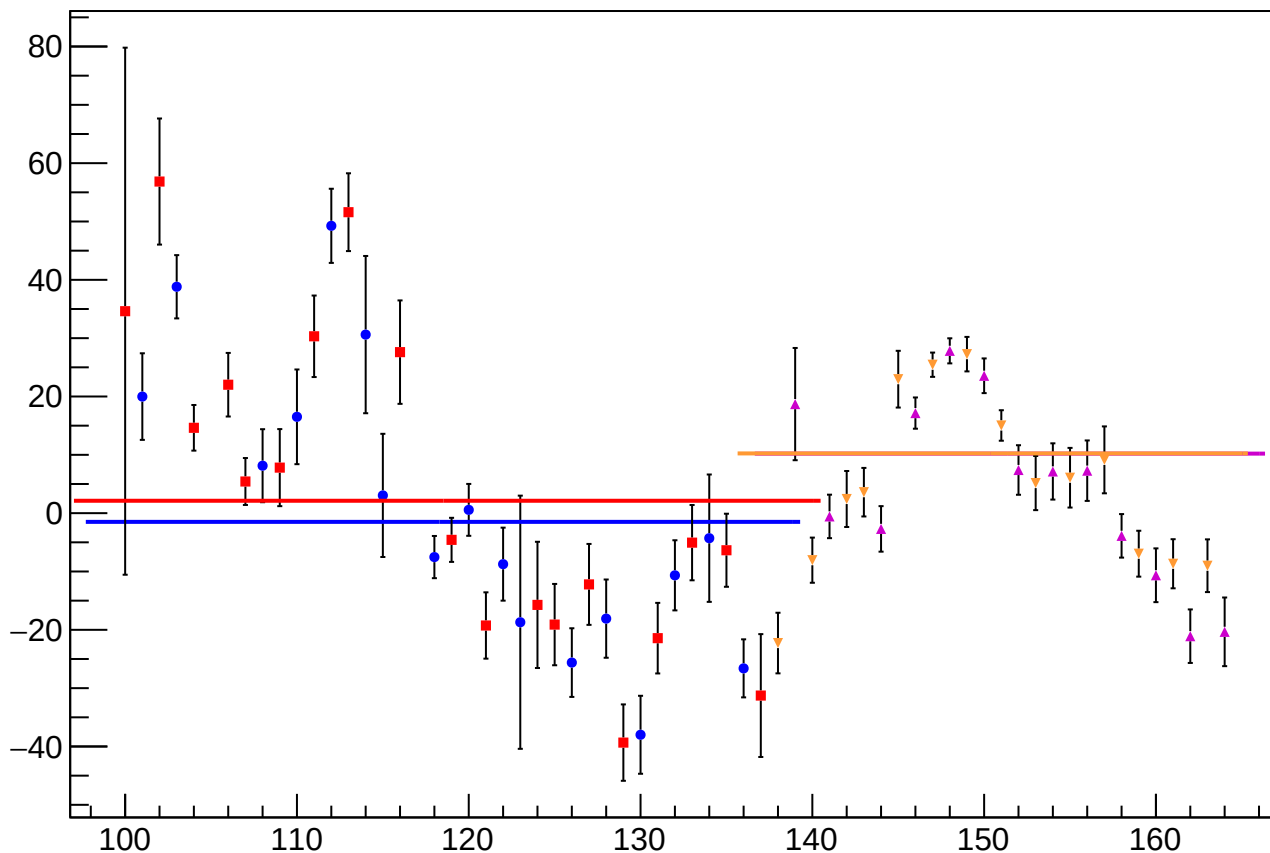
Left In: -259.763+/-1.528 χ^2/NDF : 289.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.950+/-1.073 χ^2/NDF : 702.4/26

- 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: 10.241 ± 0.988 χ^2/NDF : 222.8/13

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

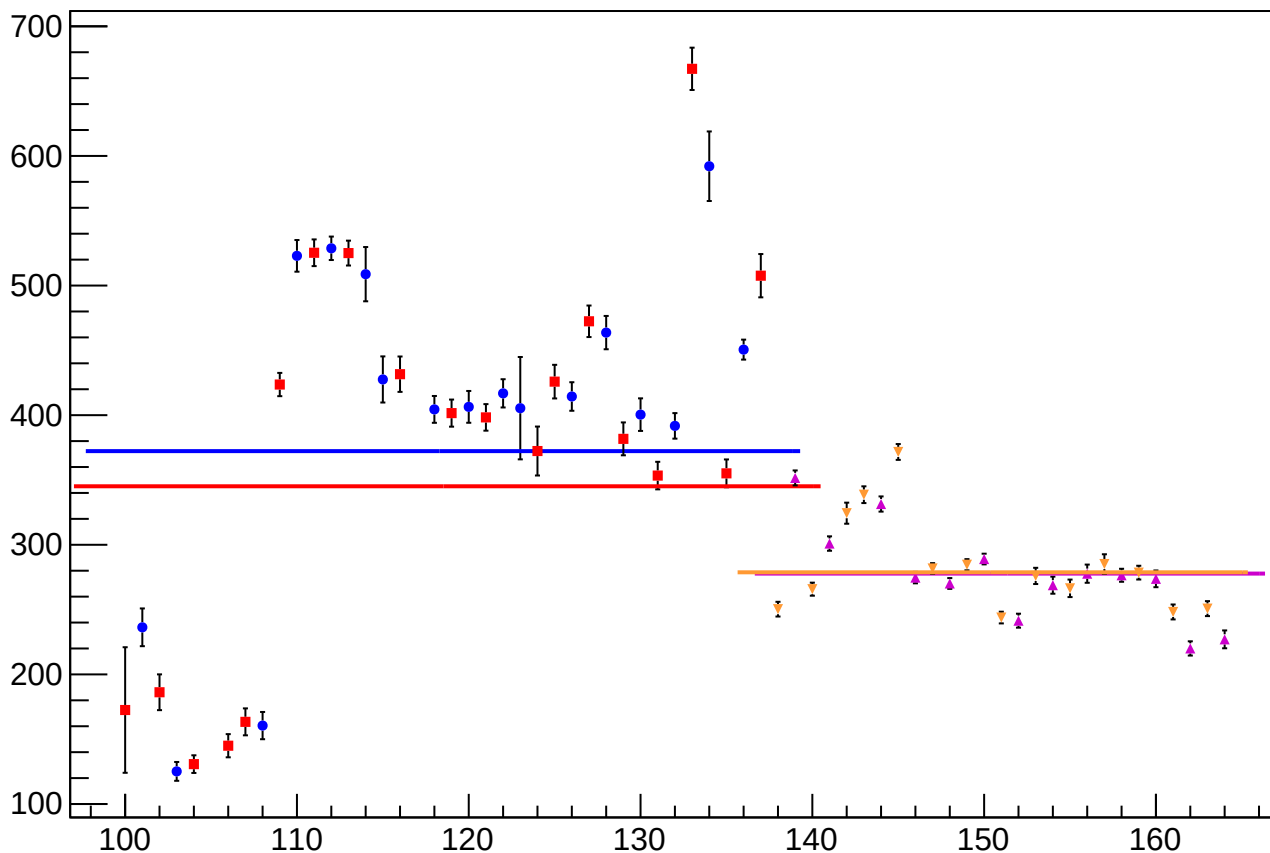
Left In: 10.207 ± 1.027 χ^2/NDF : 223.5/12

+ sign 6.733 ± 0.827 χ^2/NDF : 491.0/30

All: 7.059 ± 0.585 χ^2/NDF : 969.1/62

- sign 7.386 ± 0.829 χ^2/NDF : 477.7/31

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 278.762 $\pm$ 1.476 χ^2 /NDF: 498.3/13

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

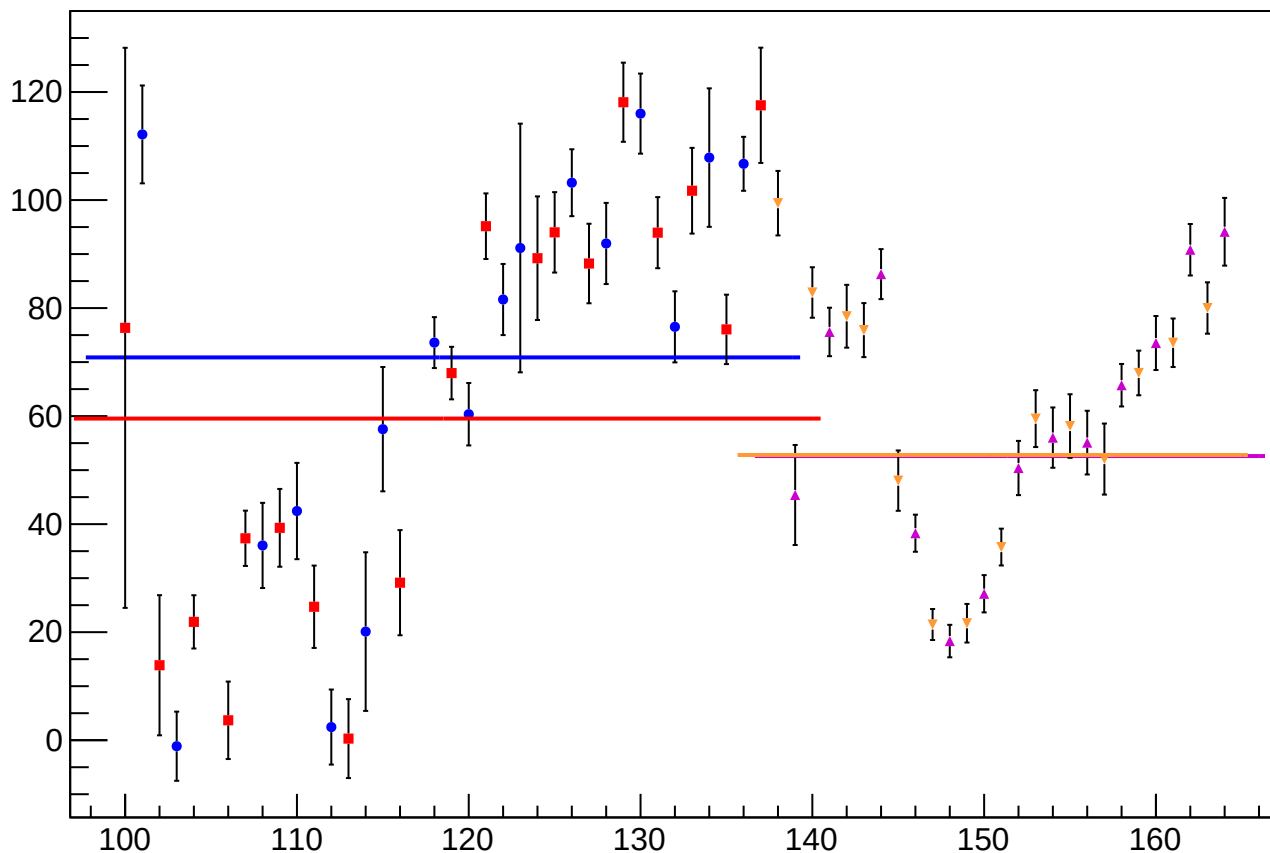
Left In: 277.778 $\pm$ 1.482 χ^2 /NDF: 488.1/12

+ sign 299.556 $\pm$ 1.301 χ^2 /NDF: 3824.2/30

All: 297.080 $\pm$ 0.914 χ^2 /NDF: 8253.7/62

- sign 294.672 $\pm$ 1.283 χ^2 /NDF: 4422.4/31

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 52.802 $\pm$ 1.194 χ^2 /NDF: 434.7/13

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

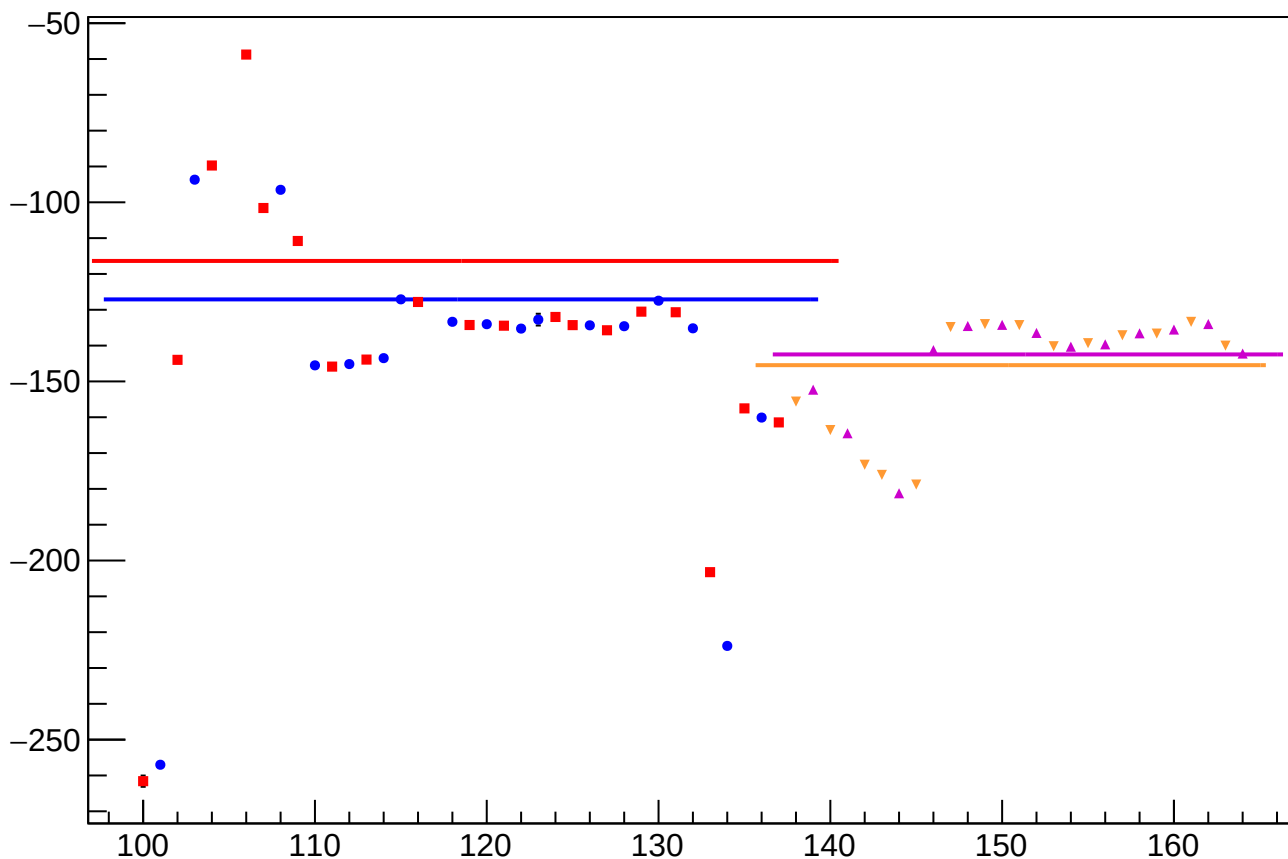
Left In: 52.607 $\pm$ 1.229 χ^2 /NDF: 418.9/12

+ sign 58.571 $\pm$ 0.985 χ^2 /NDF: 934.8/30

All: 56.838 $\pm$ 0.695 χ^2 /NDF: 1862.2/62

- sign 55.116 $\pm$ 0.982 χ^2 /NDF: 921.3/31

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 $\pm$ 0.089 χ^2 /NDF: 167064.7/16

Left Out: -145.463 $\pm$ 0.059 χ^2 /NDF: 67275.8/13

Right Out: -116.369 $\pm$ 0.083 χ^2 /NDF: 167595.6/18

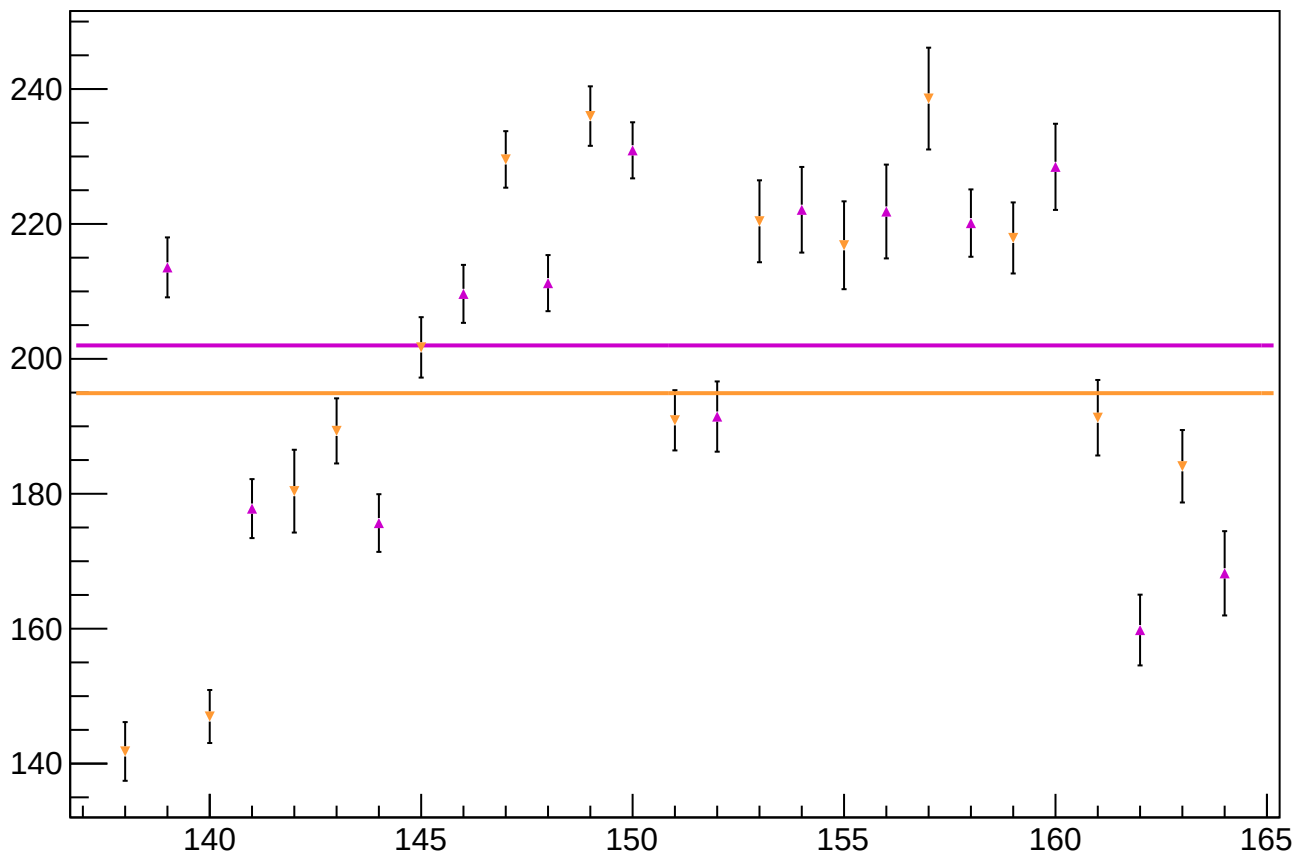
Left In: -142.466 $\pm$ 0.059 χ^2 /NDF: 43453.4/12

+ sign -139.867 $\pm$ 0.049 χ^2 /NDF: 263635.1/30

All: -136.700 $\pm$ 0.034 χ^2 /NDF: 548467.9/62

- sign -133.698 $\pm$ 0.048 χ^2 /NDF: 276817.0/31

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 194.914+/-1.329 χ^2/NDF : 548.8/13

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

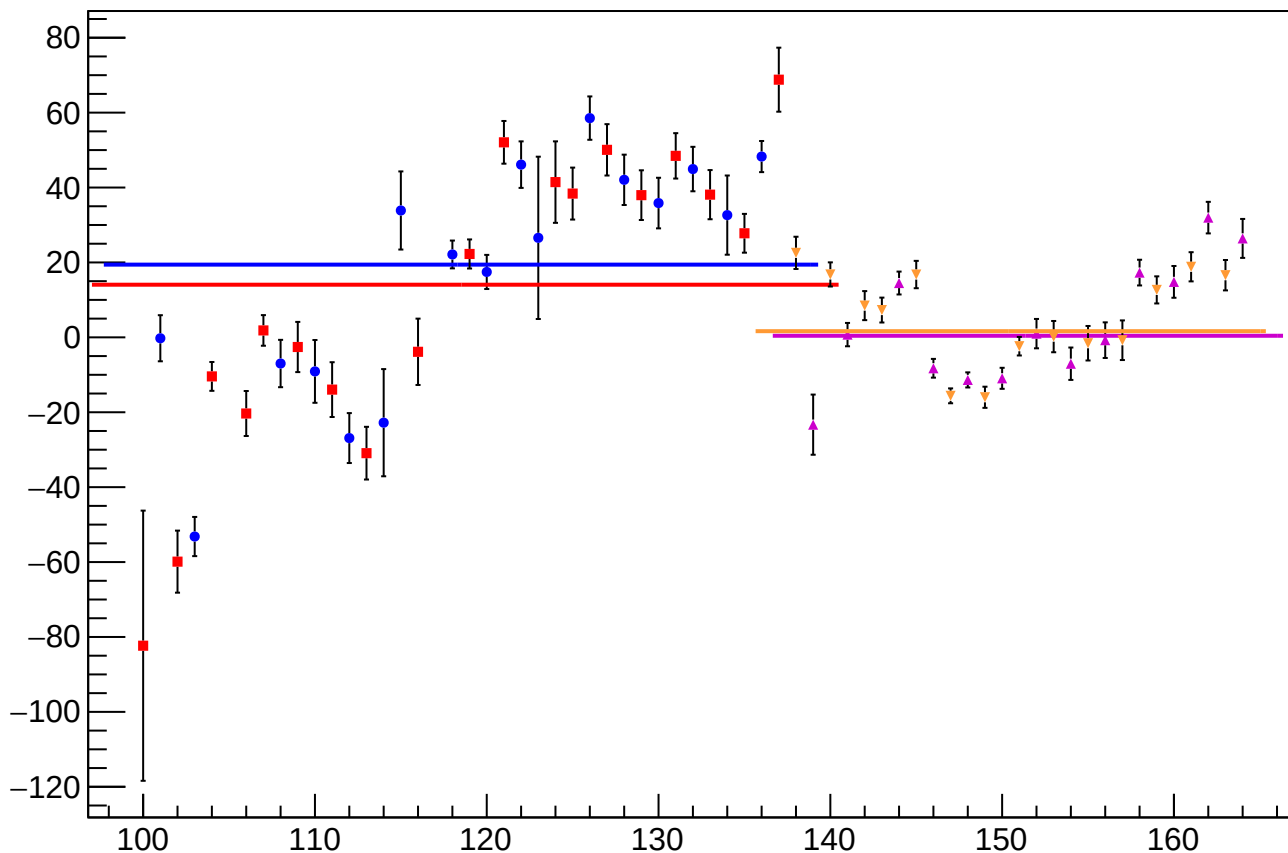
Left In: 201.992+/-1.365 χ^2/NDF : 278.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.357+/-0.952 χ^2/NDF : 841.0/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 ± 1.480 χ^2/NDF : 441.1/16

Left Out: 1.647 ± 0.888 χ^2/NDF : 229.2/13

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

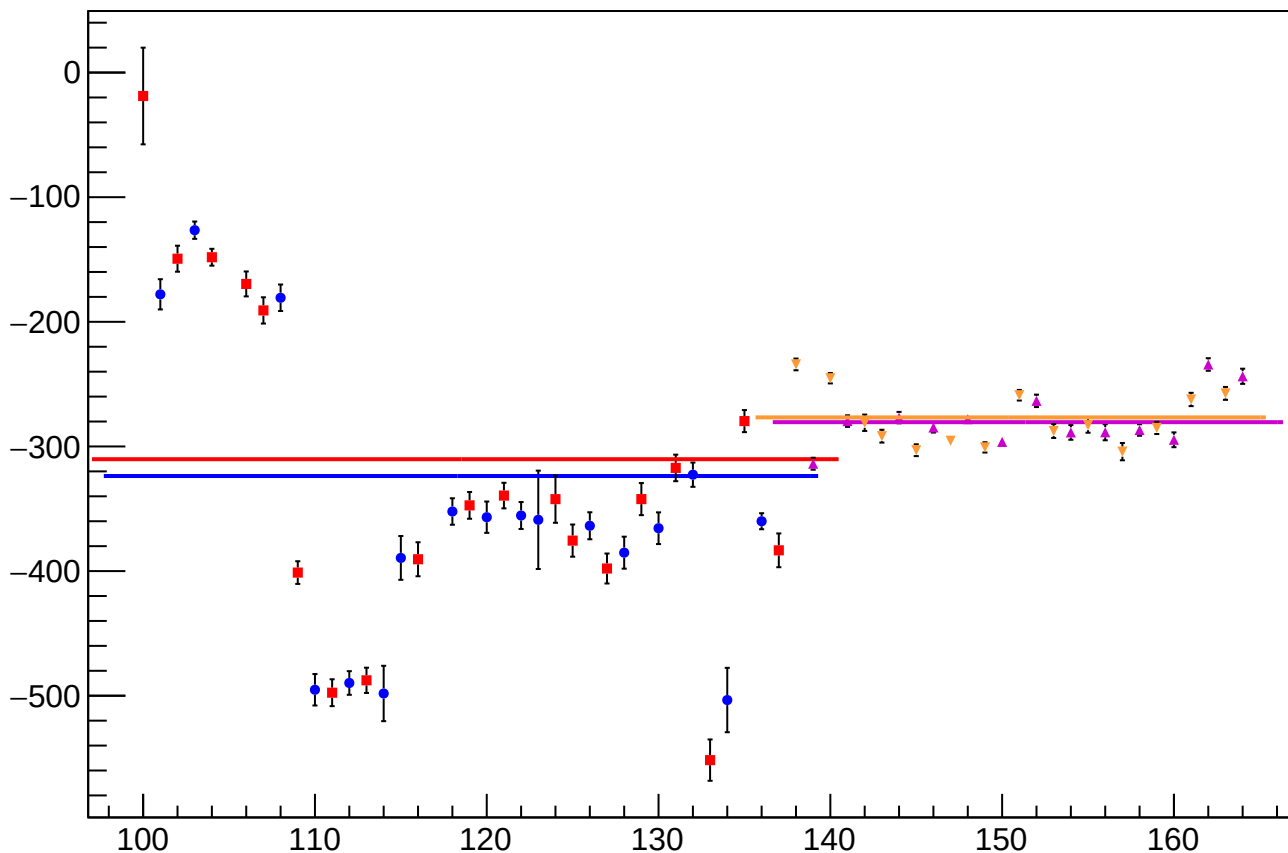
Left In: 0.424 ± 0.931 χ^2/NDF : 212.3/12

+ sign 6.354 ± 0.762 χ^2/NDF : 776.3/30

All: 5.508 ± 0.543 χ^2/NDF : 1494.0/62

- sign 4.634 ± 0.774 χ^2/NDF : 715.1/31

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 $\chi^2/\text{NDF}: 1850.8/16$

Left Out: -276.685 ± 1.313 $\chi^2/\text{NDF}: 296.4/13$

Right Out: -310.223 ± 2.523 $\chi^2/\text{NDF}: 2300.0/18$

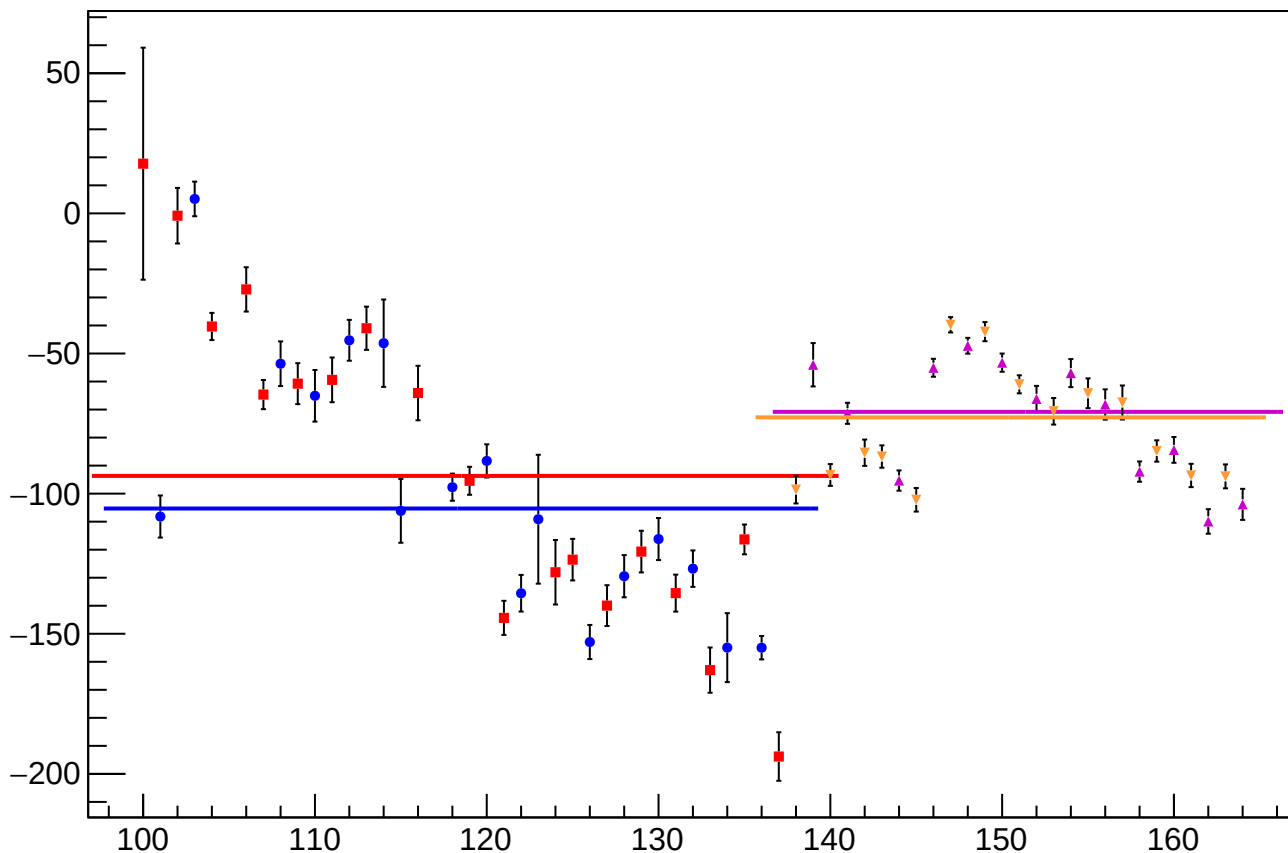
Left In: -280.514 ± 1.333 $\chi^2/\text{NDF}: 210.1/12$

+ sign -285.853 ± 1.178 $\chi^2/\text{NDF}: 2397.3/30$

All: -286.424 ± 0.833 $\chi^2/\text{NDF}: 5016.3/62$

- sign -286.995 ± 1.178 $\chi^2/\text{NDF}: 2618.5/31$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -72.781 ± 1.068 χ^2/NDF : 425.5/13

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

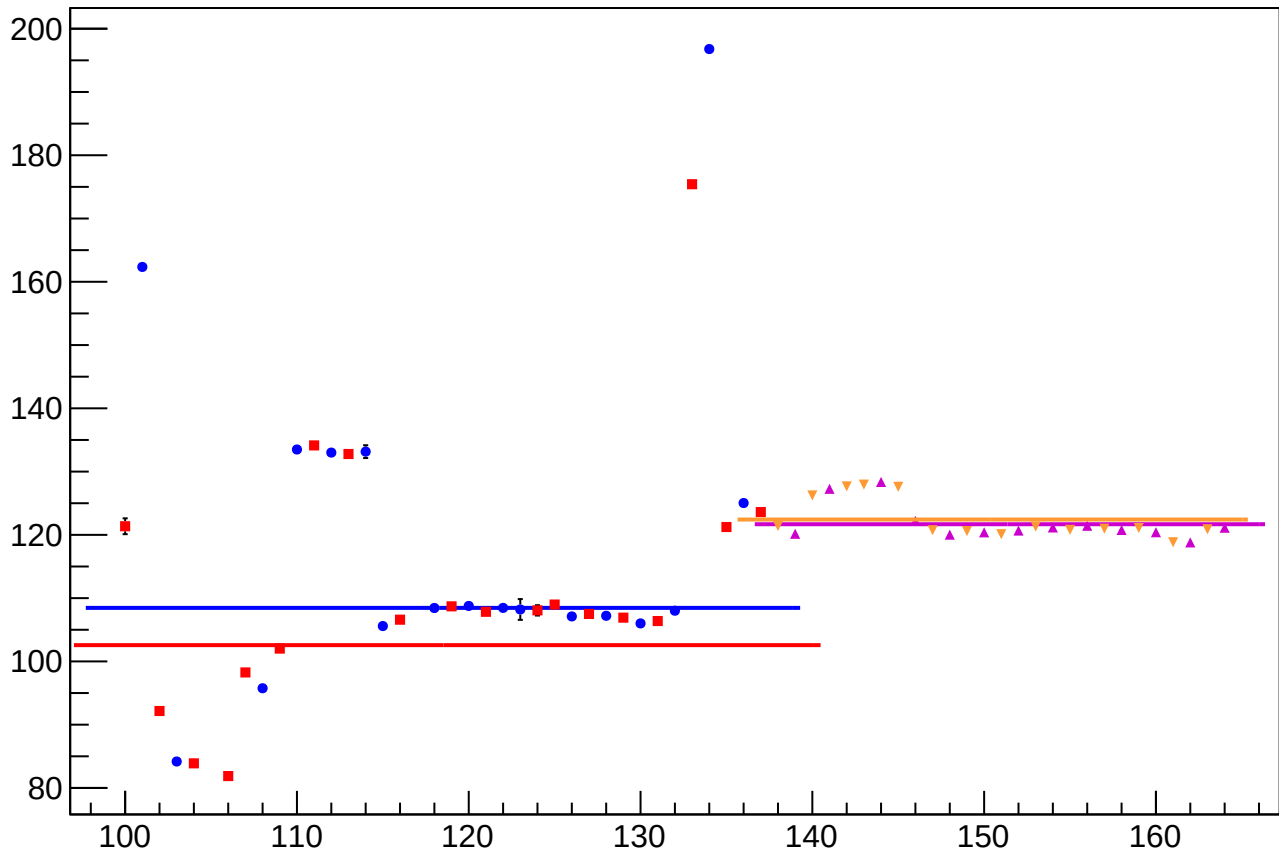
Left In: -70.821 ± 1.111 χ^2/NDF : 341.1/12

+ sign -82.041 ± 0.903 χ^2/NDF : 1426.9/30

All: -80.136 ± 0.643 χ^2/NDF : 2740.0/62

- sign -78.183 ± 0.915 χ^2/NDF : 1304.1/31

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 ± 0.085 $\chi^2/\text{NDF}: 73302.1/16$

Left Out: 122.424 ± 0.053 $\chi^2/\text{NDF}: 3253.8/13$

Right Out: 102.570 ± 0.079 $\chi^2/\text{NDF}: 53143.8/18$

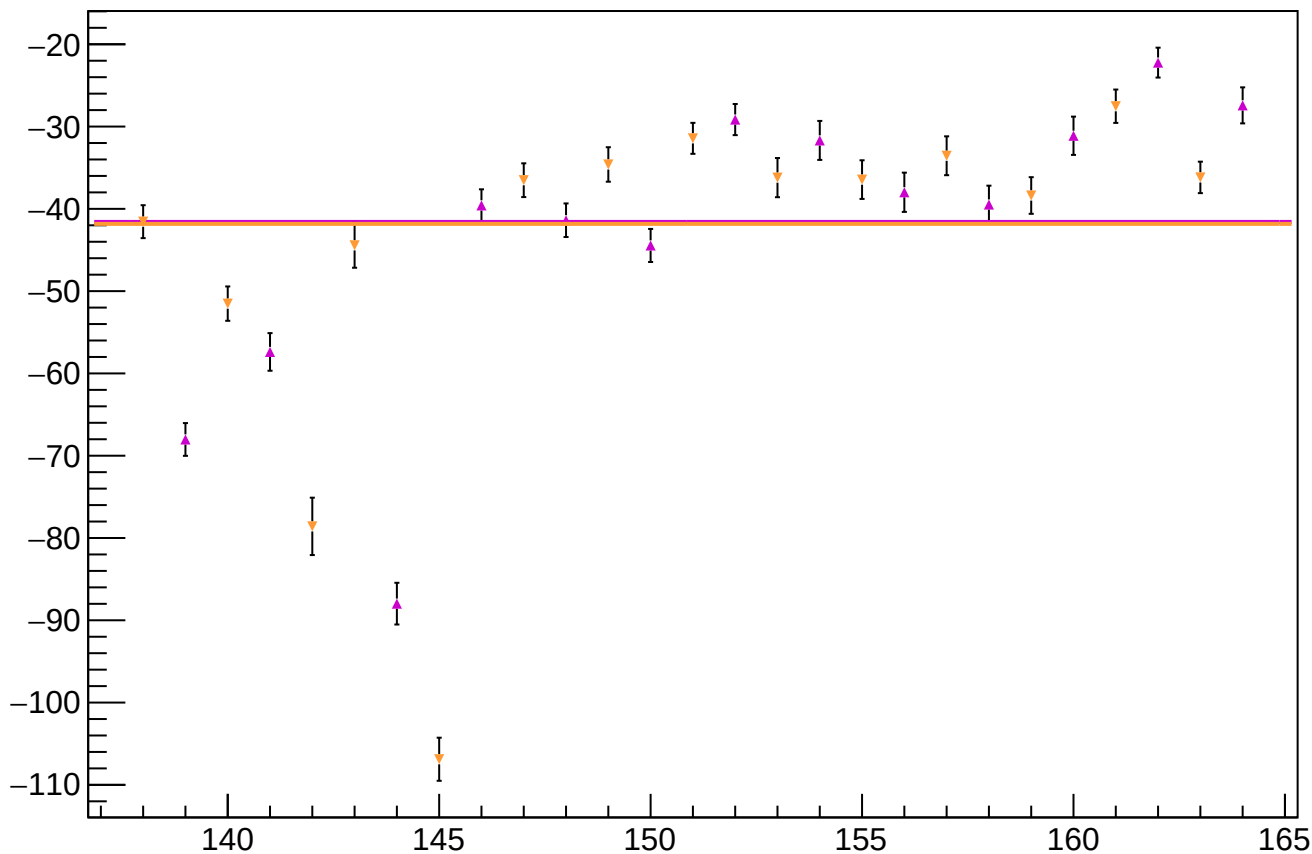
Left In: 121.682 ± 0.053 $\chi^2/\text{NDF}: 2557.5/12$

+ sign 118.543 ± 0.045 $\chi^2/\text{NDF}: 96169.7/30$

All: 117.154 ± 0.031 $\chi^2/\text{NDF}: 193831.2/62$

- sign 115.801 ± 0.044 $\chi^2/\text{NDF}: 95753.2/31$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.828+/-0.593 χ^2/NDF : 883.9/13

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

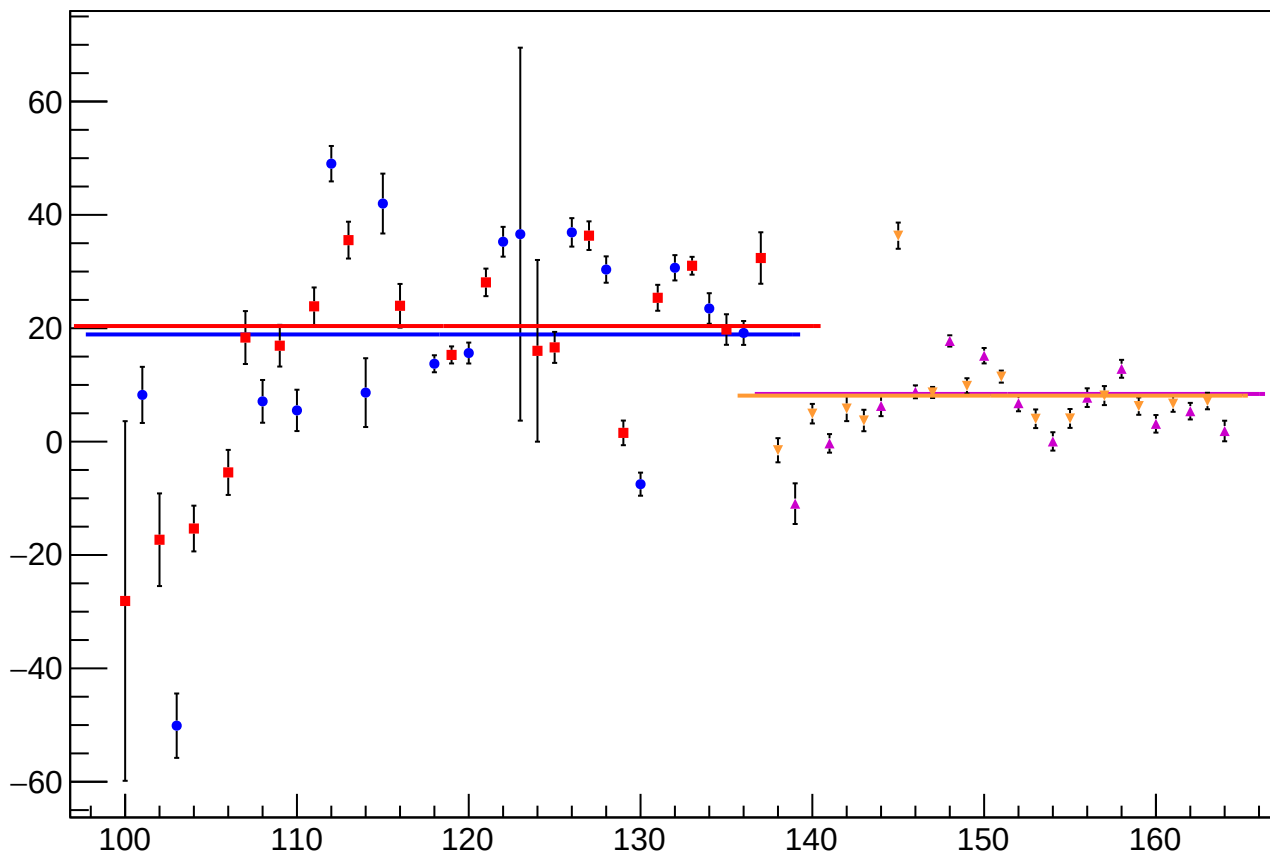
Left In: -41.590+/-0.590 χ^2/NDF : 801.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.708+/-0.418 χ^2/NDF : 1685.6/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 $\pm$ 0.644 χ^2 /NDF: 618.9/16

Left Out: 8.115 $\pm$ 0.402 χ^2 /NDF: 206.2/13

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

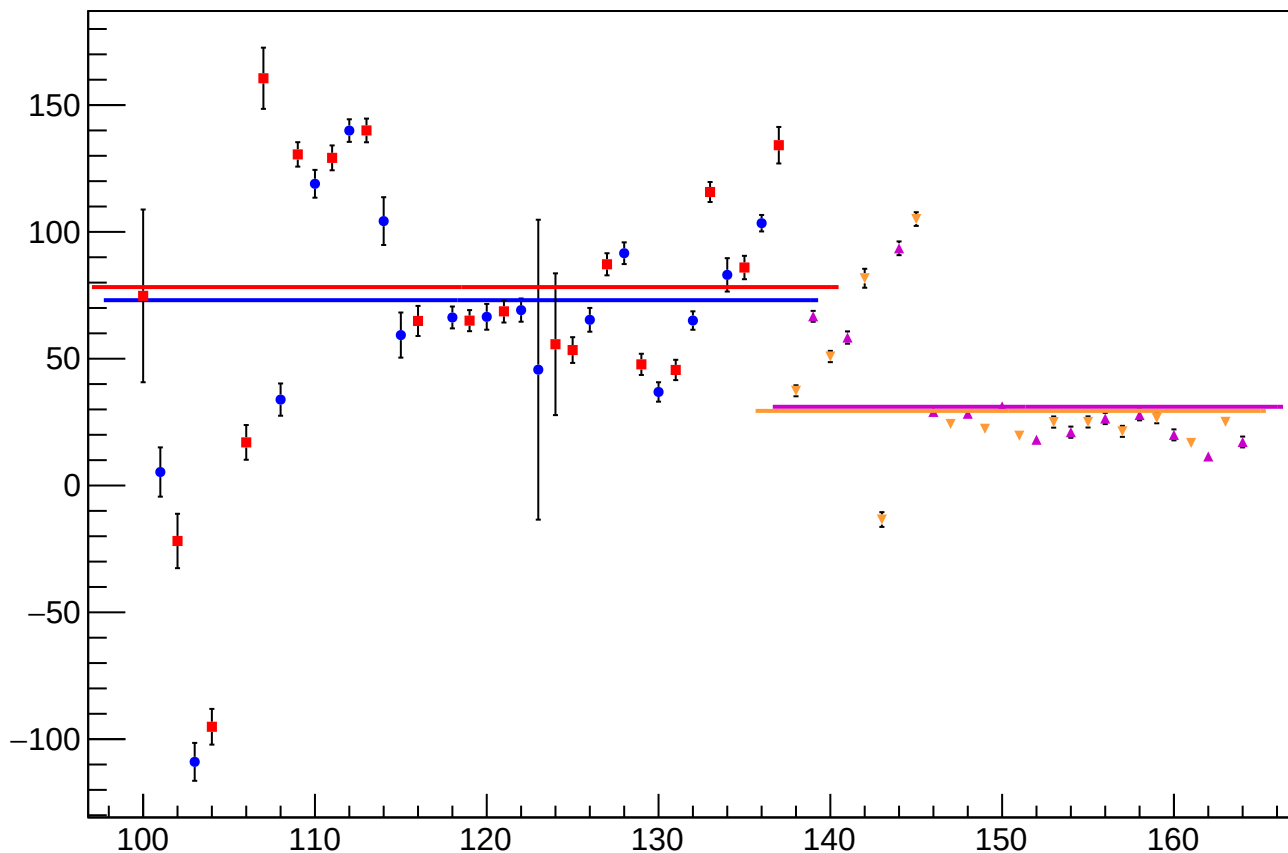
Left In: 8.409 $\pm$ 0.411 χ^2 /NDF: 237.1/12

+ sign 11.145 $\pm$ 0.341 χ^2 /NDF: 1027.4/30

All: 11.508 $\pm$ 0.243 χ^2 /NDF: 1878.0/62

- sign 11.883 $\pm$ 0.347 χ^2 /NDF: 848.3/31

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 29.424 $\pm$ 0.577 χ^2 /NDF:1423.5/13

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

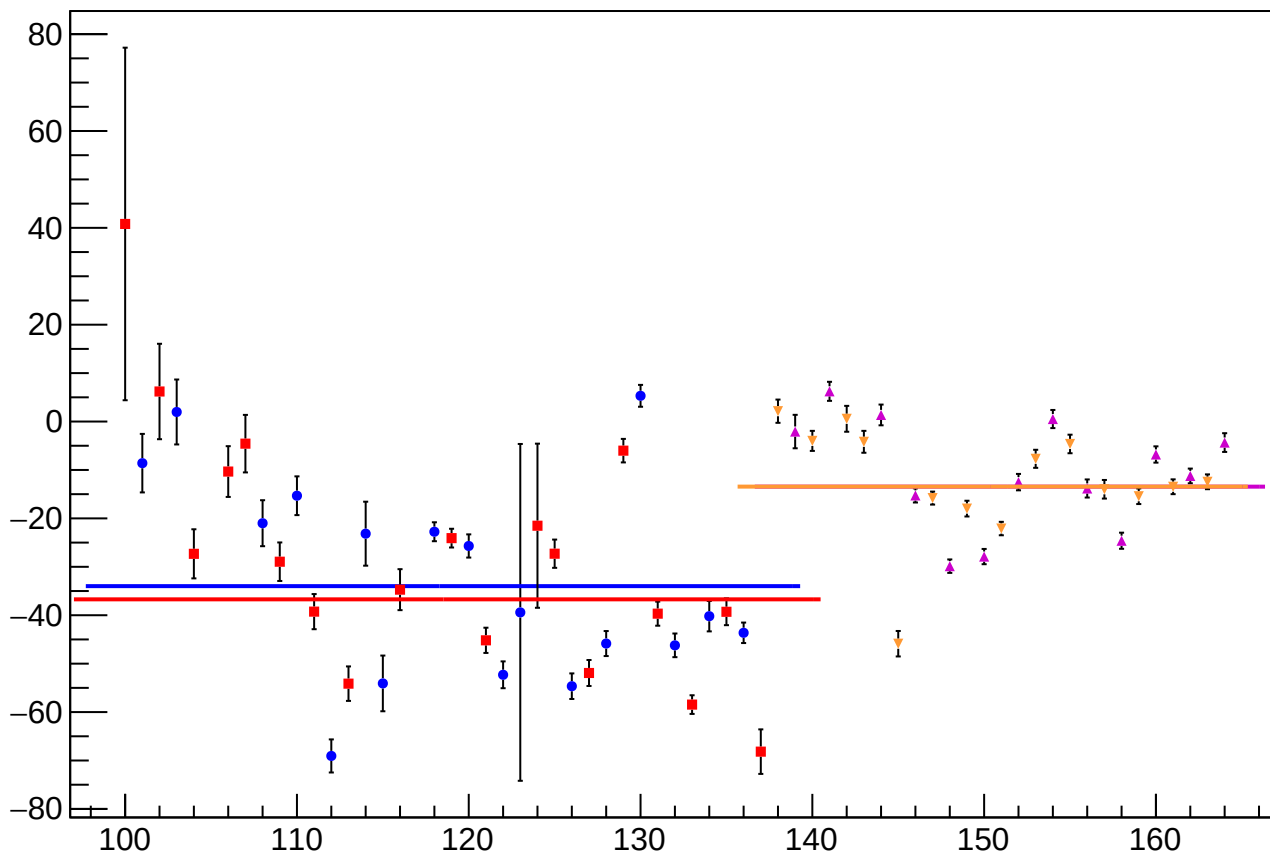
Left In: 31.044 $\pm$ 0.571 χ^2 /NDF:1207.4/12

+ sign 37.322 $\pm$ 0.522 χ^2 /NDF: 3658.5/30

All: 38.423 $\pm$ 0.368 χ^2 /NDF: 7640.6/62

- sign 39.504 $\pm$ 0.518 χ^2 /NDF: 3973.2/31

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.438 ± 0.476 χ^2/NDF : 341.7/13

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

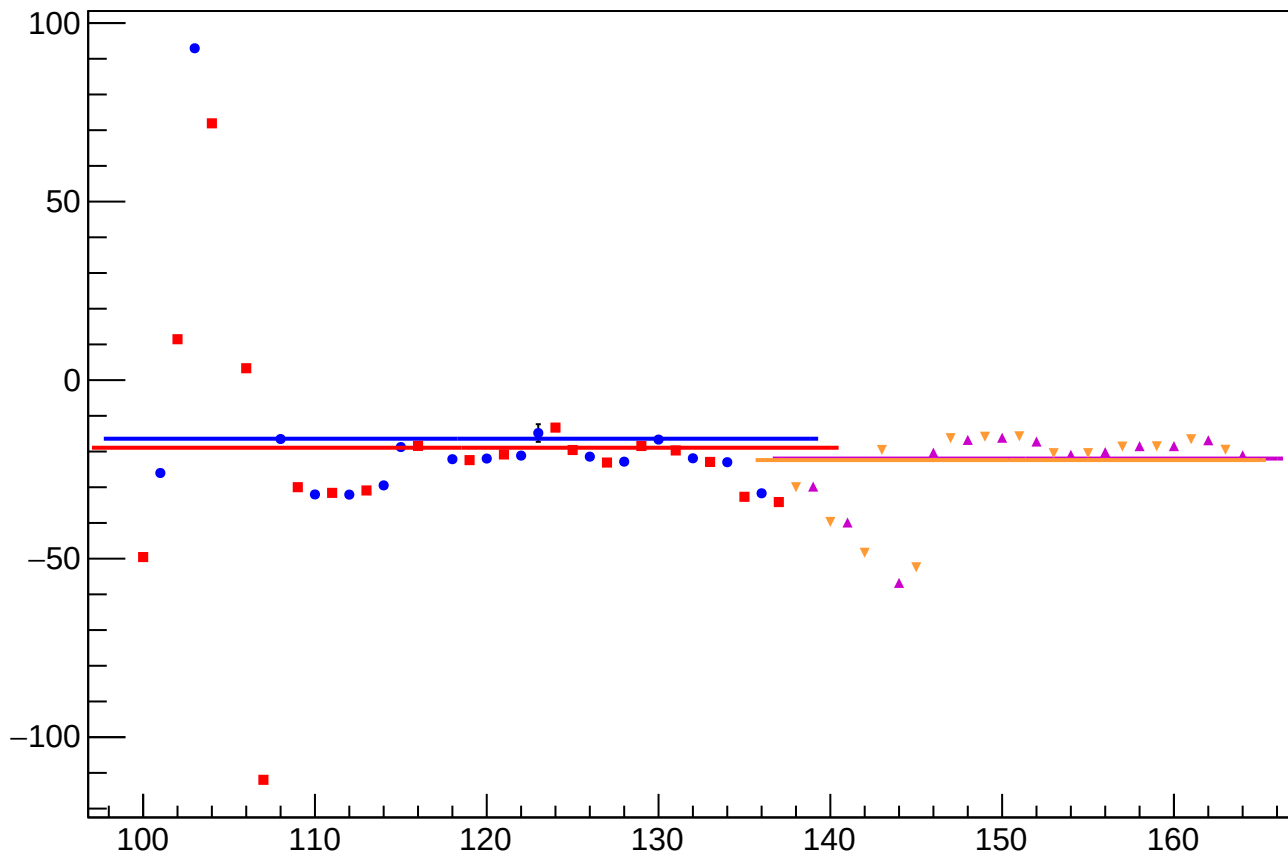
Left In: -13.446 ± 0.483 χ^2/NDF : 525.2/12

+ sign -19.497 ± 0.400 χ^2/NDF : 1611.1/30

All: -19.964 ± 0.284 χ^2/NDF : 3379.9/62

- sign -20.441 ± 0.404 χ^2/NDF : 1766.0/31

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -22.394 ± 0.023 $\chi^2/\text{NDF}: 181979.7/13$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

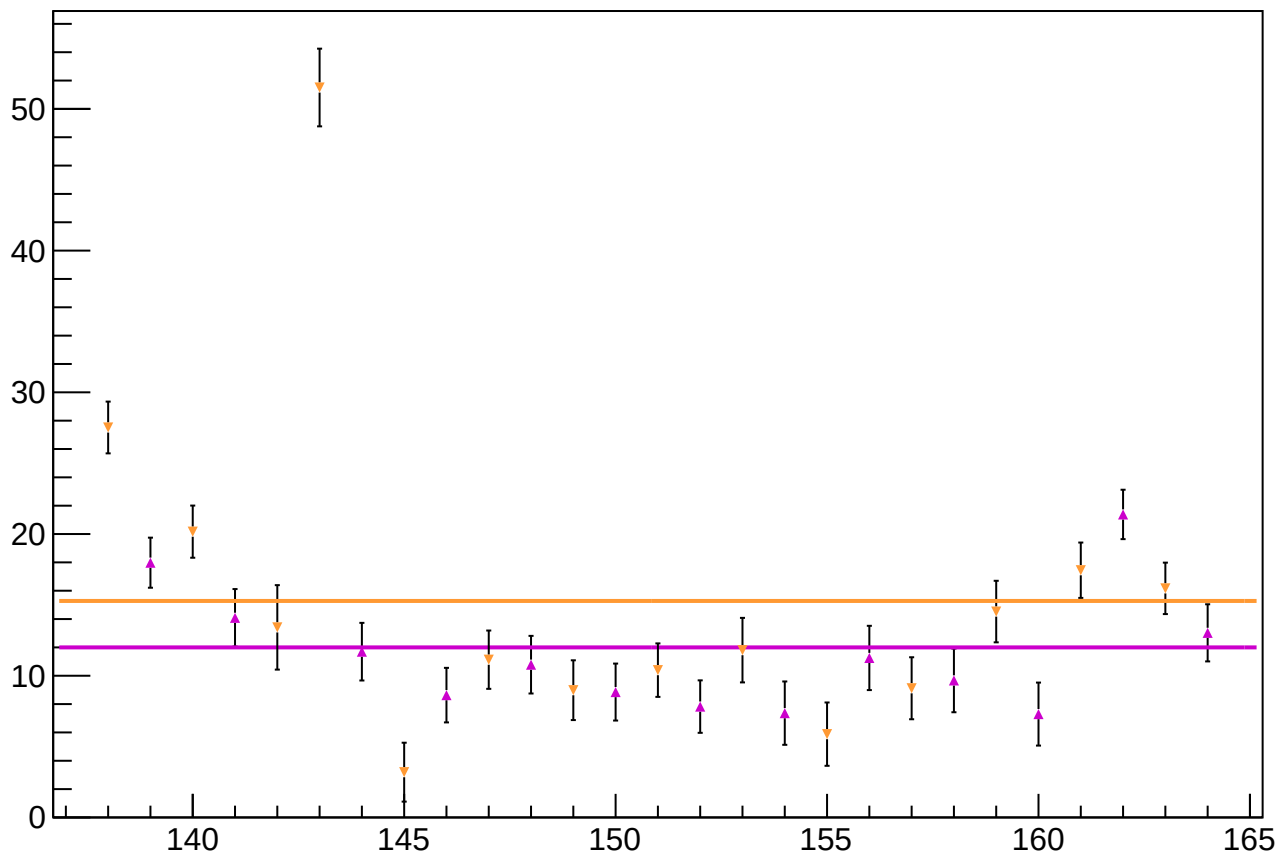
Left In: -21.967 ± 0.022 $\chi^2/\text{NDF}: 154244.2/12$

+ sign -21.165 ± 0.020 $\chi^2/\text{NDF}: 670779.1/30$

All: -21.269 ± 0.014 $\chi^2/\text{NDF}: 1262841.7/62$

- sign -21.372 ± 0.020 $\chi^2/\text{NDF}: 592009.5/31$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 15.278 $\pm$ 0.560 χ^2/NDF :310.0/13

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

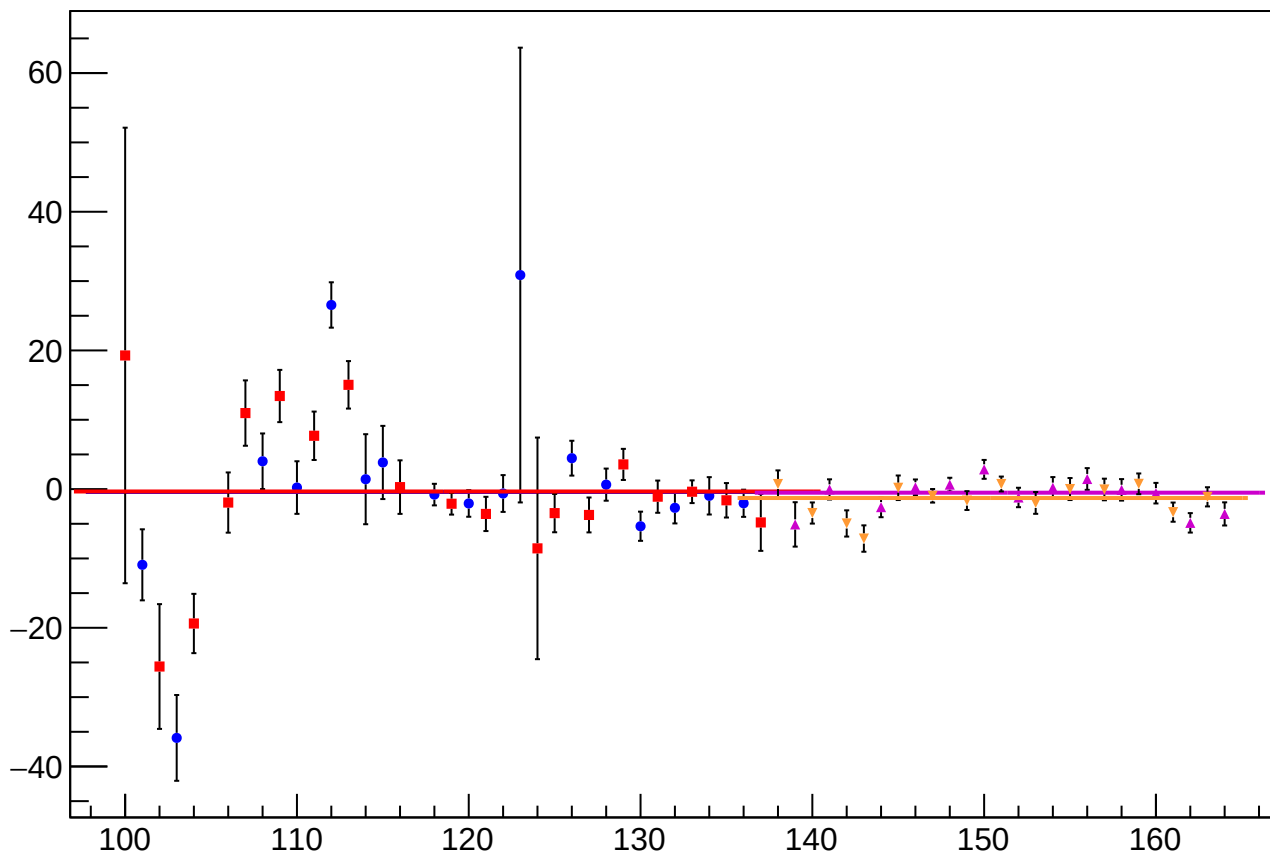
Left In: 12.000 $\pm$ 0.557 χ^2/NDF :62.7/12

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

All: 13.631 $\pm$ 0.395 χ^2/NDF : 390.0/26

- 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: -1.285 ± 0.386 χ^2/NDF : 26.3/13

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

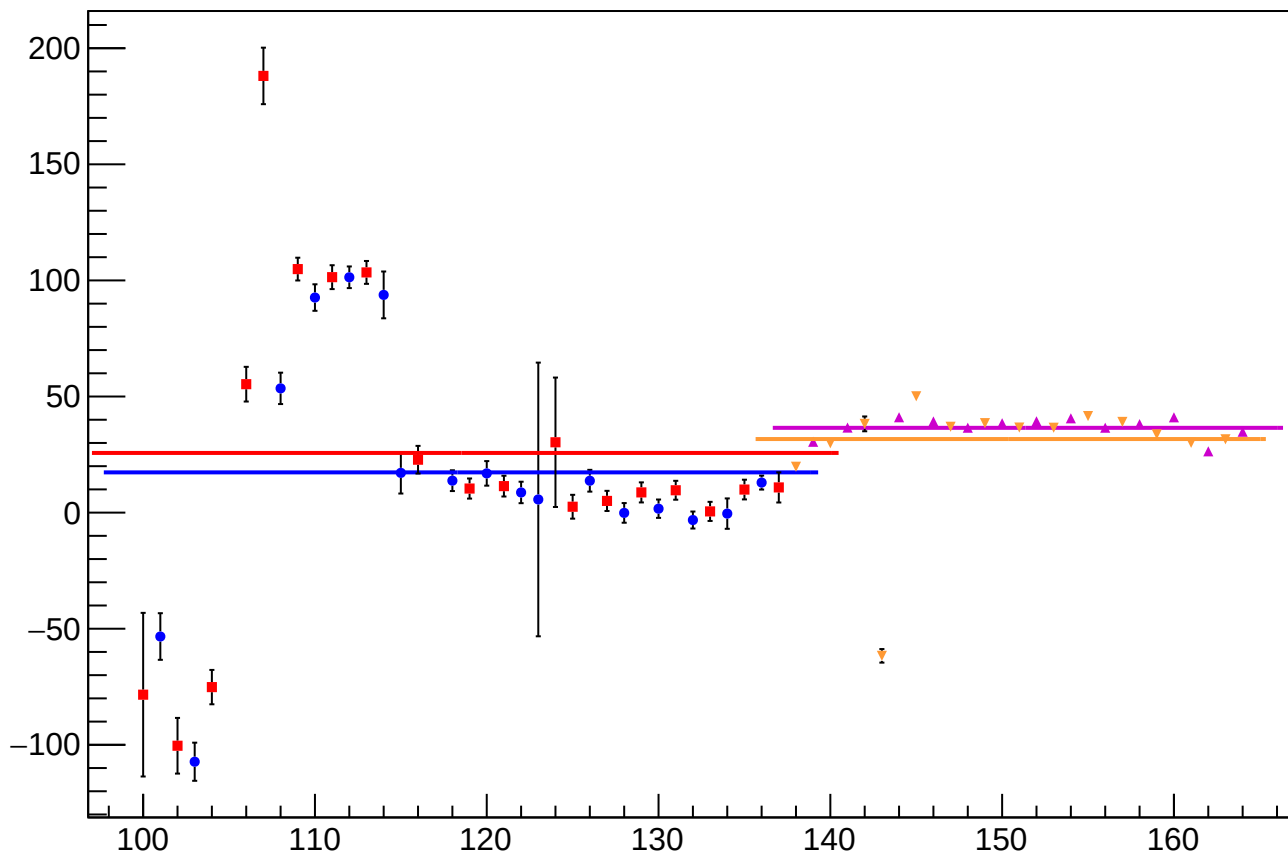
Left In: -0.516 ± 0.393 χ^2/NDF : 27.3/12

+ sign -1.060 ± 0.332 χ^2/NDF : 147.5/30

All: -0.770 ± 0.237 χ^2/NDF : 260.1/62

- sign -0.470 ± 0.338 χ^2/NDF : 111.0/31

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 31.687+/-0.548 χ^2/NDF : 1200.8/13

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

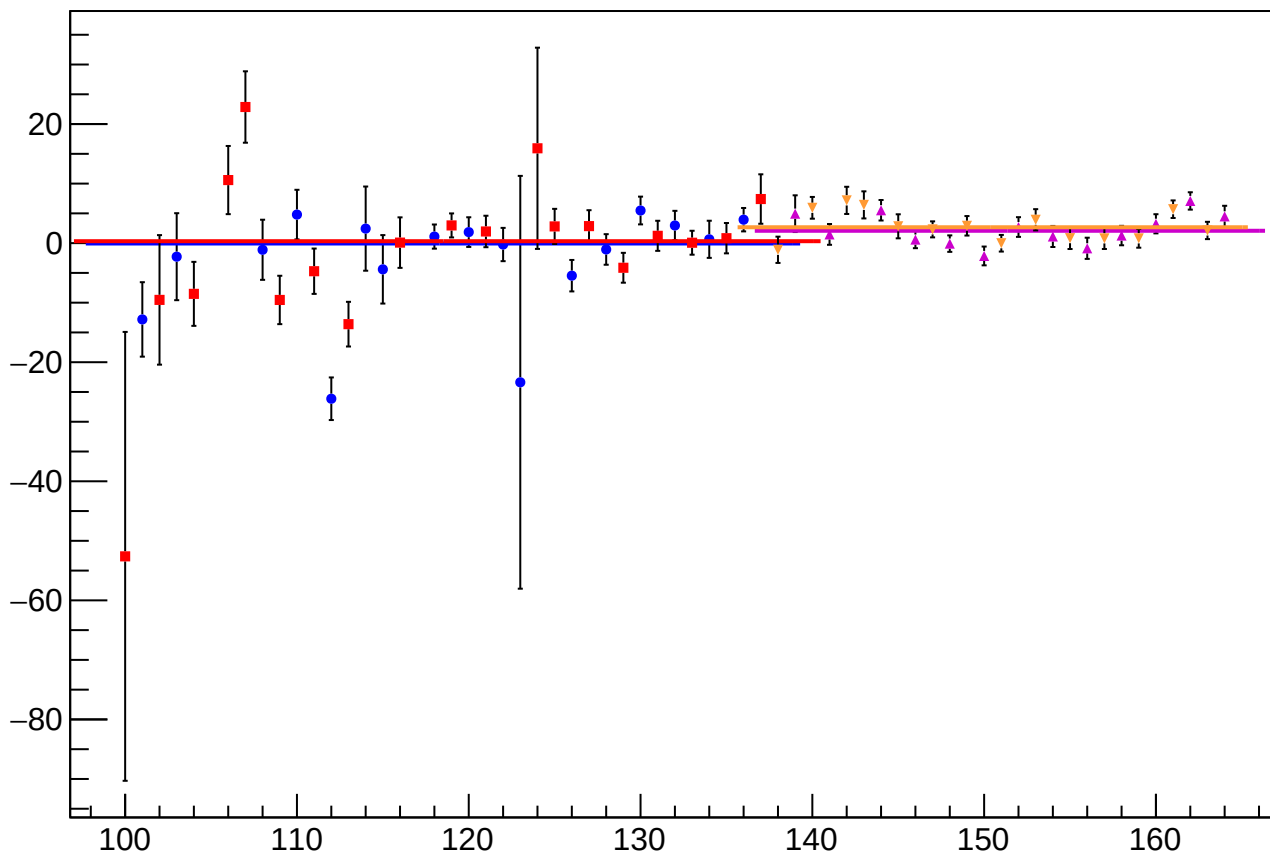
Left In: 36.514+/-0.542 χ^2/NDF : 66.6/12

+ sign 29.339+/-0.501 χ^2/NDF : 2256.4/30

All: 32.088+/-0.353 χ^2/NDF : 3825.4/62

- sign 34.789+/-0.496 χ^2/NDF : 1509.3/31

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.666 ± 0.455 χ^2/NDF : 24.9/13

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

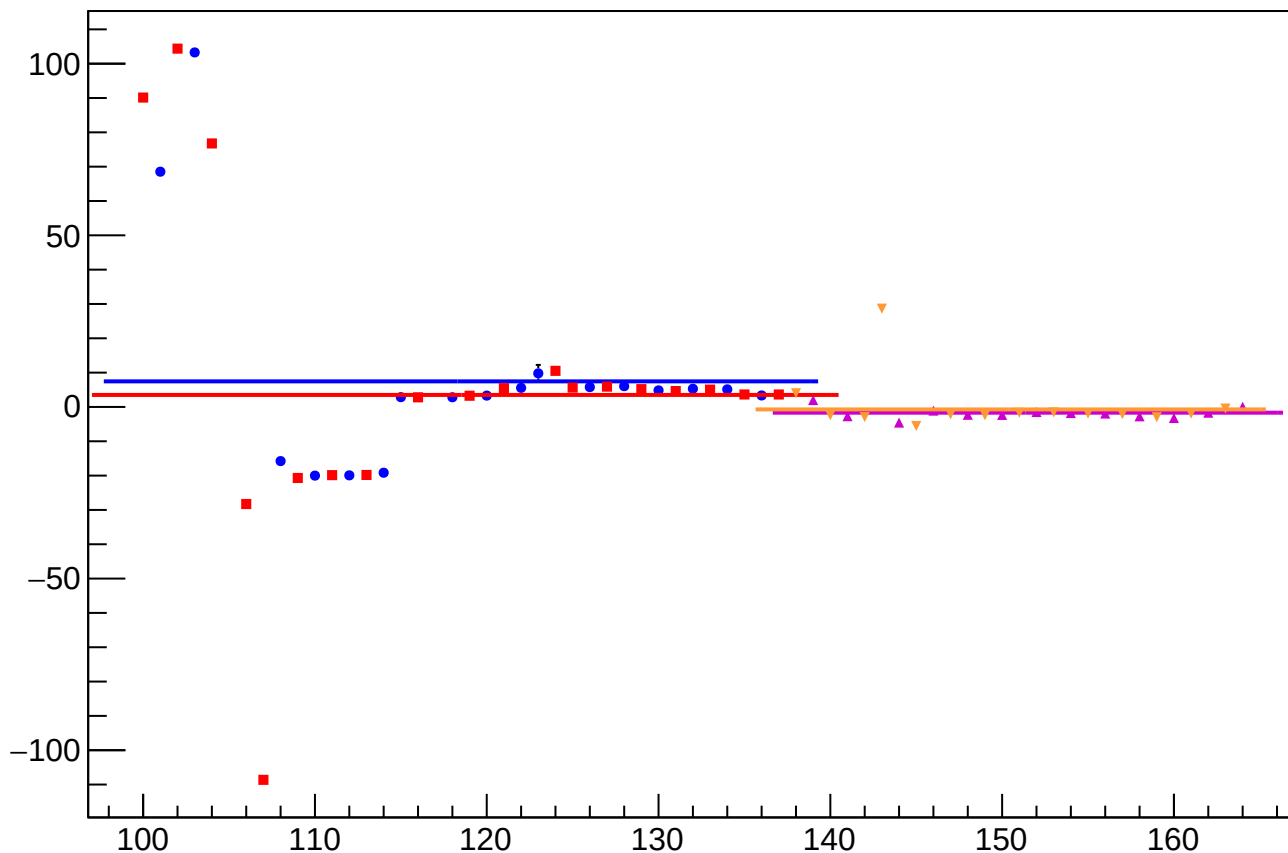
Left In: 2.076 ± 0.460 χ^2/NDF : 33.3/12

+ sign 1.925 ± 0.388 χ^2/NDF : 111.2/30

All: 1.763 ± 0.276 χ^2/NDF : 203.9/62

- sign 1.597 ± 0.392 χ^2/NDF : 92.4/31

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 $\chi^2/\text{NDF}: 356053.3/16$

Left Out: -0.718 ± 0.021 $\chi^2/\text{NDF}: 73458.8/13$

Right Out: 3.502 ± 0.046 $\chi^2/\text{NDF}: 510579.7/18$

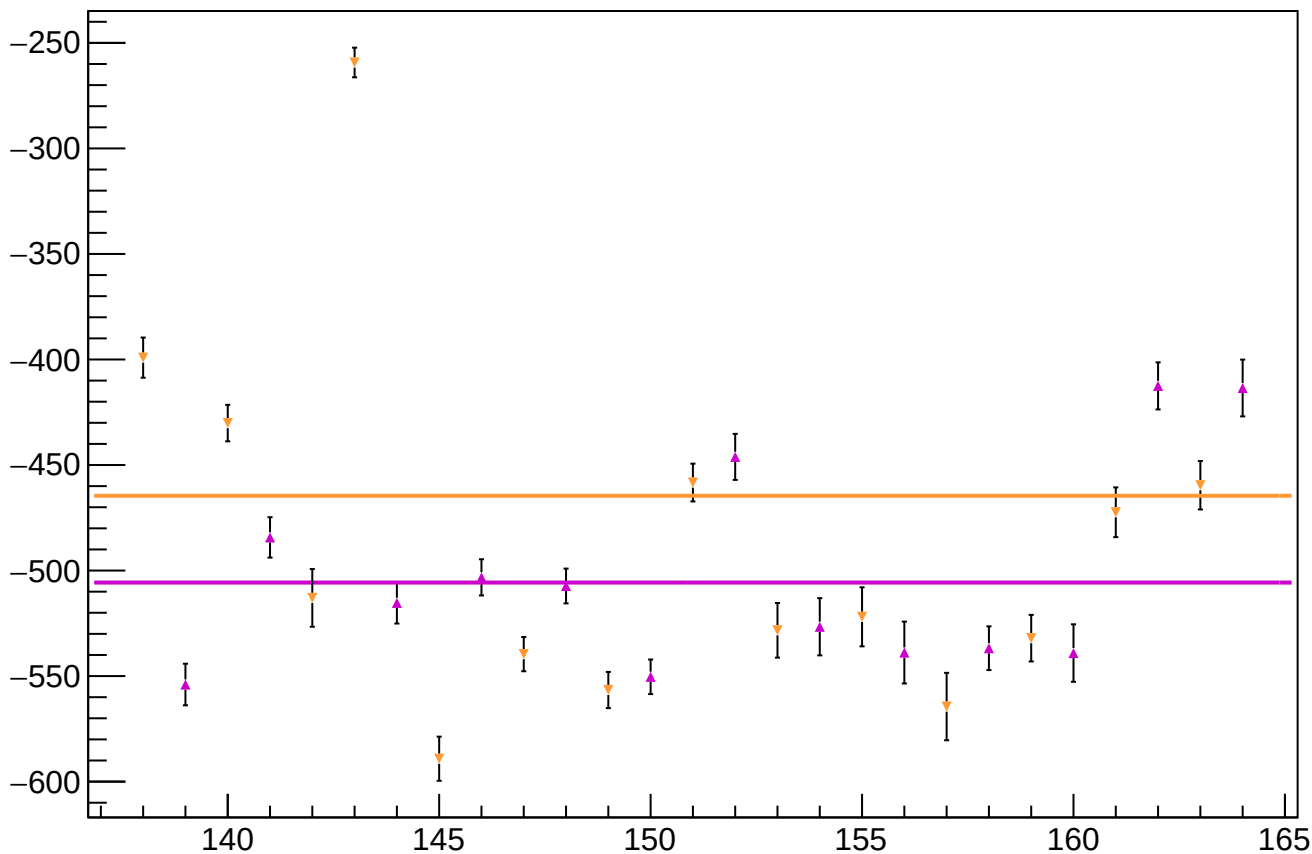
Left In: -1.669 ± 0.021 $\chi^2/\text{NDF}: 5274.4/12$

+ sign 0.816 ± 0.019 $\chi^2/\text{NDF}: 457003.2/30$

All: 0.030 ± 0.014 $\chi^2/\text{NDF}: 986783.8/62$

- sign -0.751 ± 0.019 $\chi^2/\text{NDF}: 526456.5/31$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -464.563+/-2.687 χ^2/NDF :1392.8/13

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

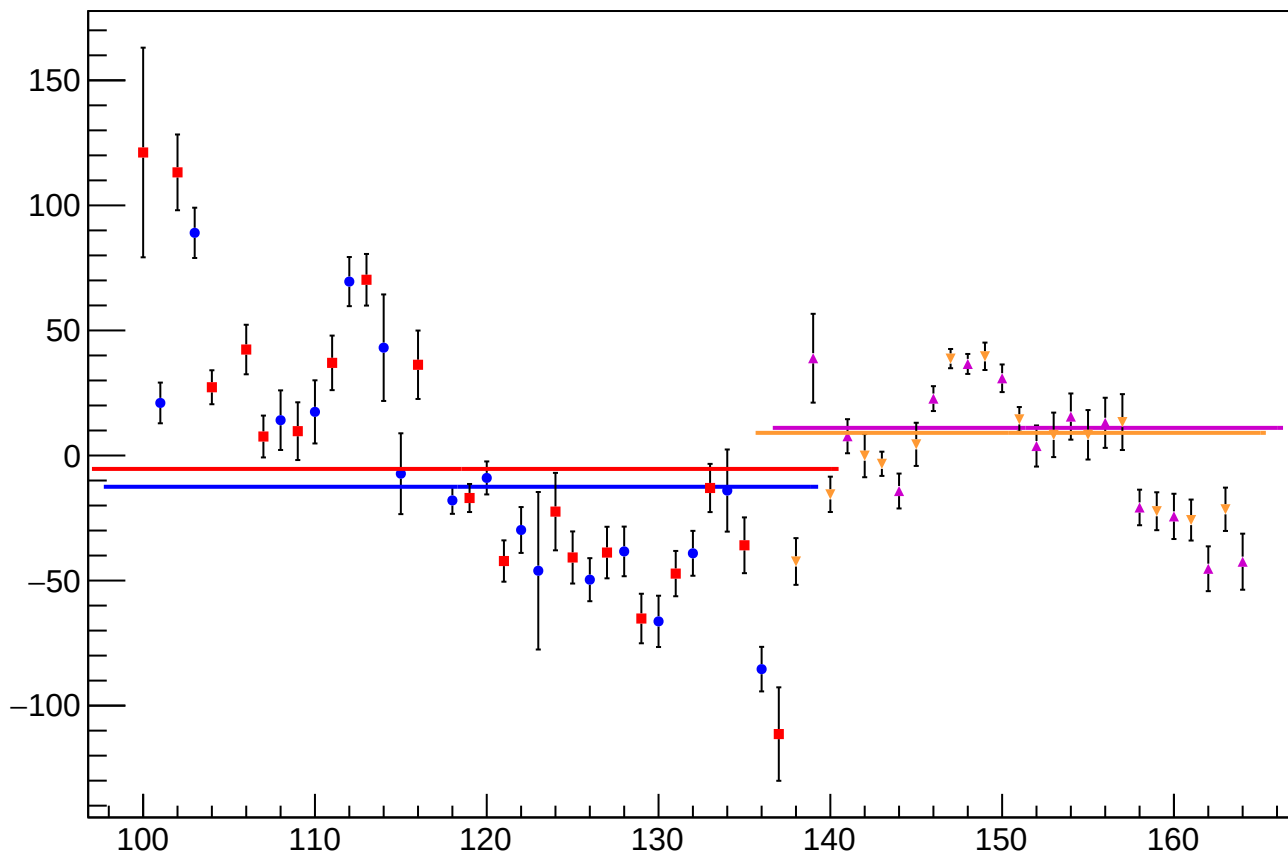
Left In: -505.693+/-2.867 χ^2/NDF :228.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.794+/-1.960 χ^2/NDF : 1731.3/26

- 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: 9.057 ± 1.769 χ^2/NDF : 190.2/13

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

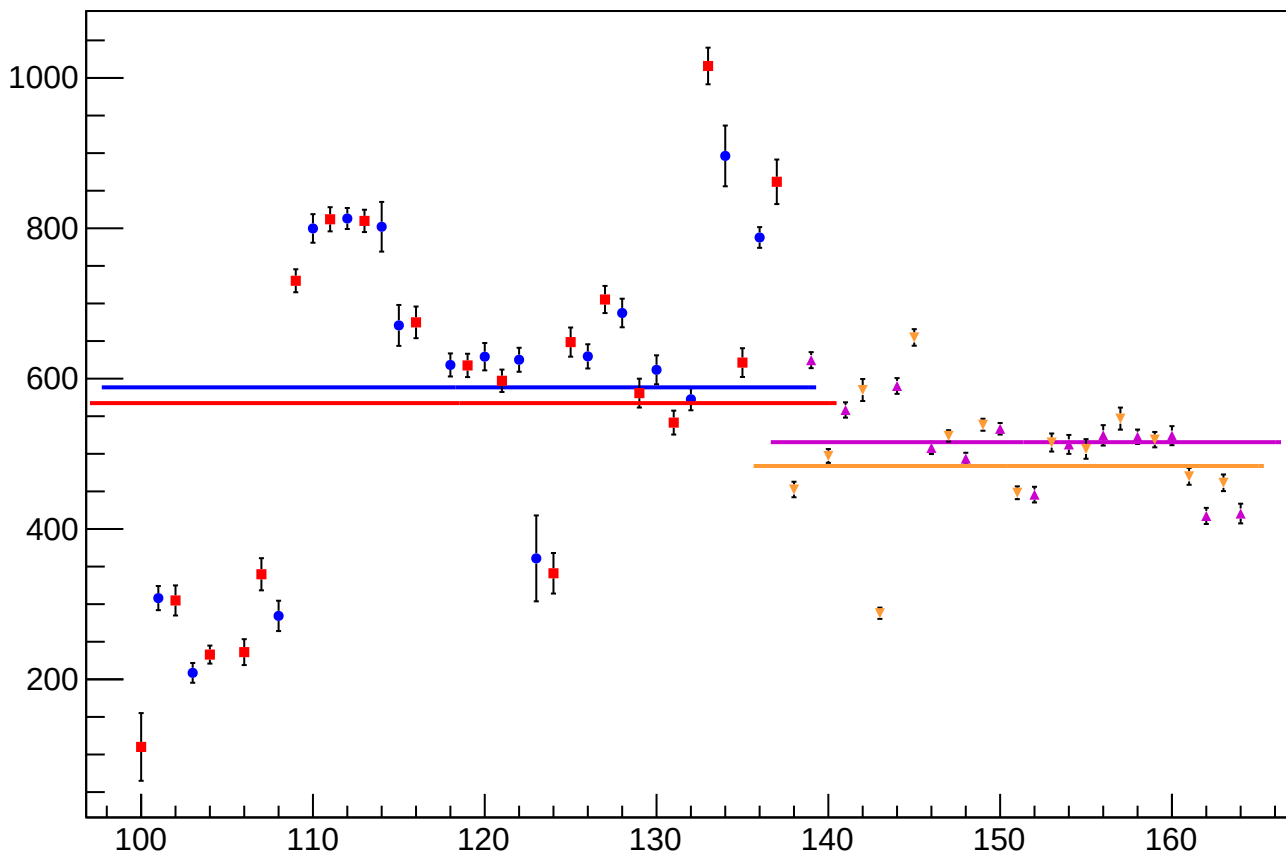
Left In: 11.051 ± 1.924 χ^2/NDF : 174.0/12

+ sign 1.094 ± 1.405 χ^2/NDF : 586.1/30

All: 2.566 ± 1.014 χ^2/NDF : 1137.5/62

- sign 4.169 ± 1.466 χ^2/NDF : 549.1/31

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 ± 4.320 χ^2/NDF : 2130.2/16

Left Out: 483.803 ± 2.656 χ^2/NDF : 1121.7/13

Right Out: 567.451 ± 4.137 χ^2/NDF : 2784.8/18

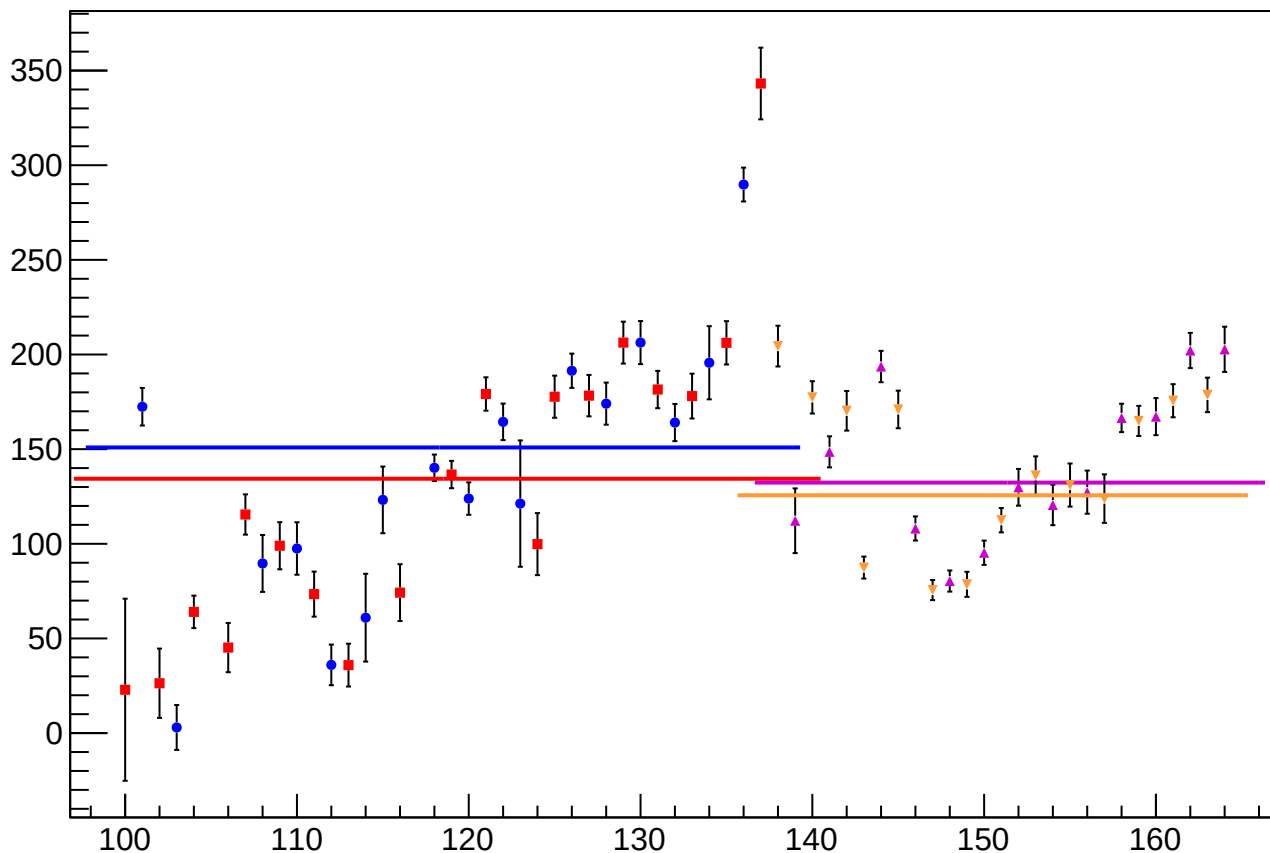
Left In: 515.486 ± 2.786 χ^2/NDF : 369.7/12

+ sign 512.491 ± 2.262 χ^2/NDF : 3677.5/30

All: 521.893 ± 1.617 χ^2/NDF : 6975.9/62

- sign 531.702 ± 2.311 χ^2/NDF : 3263.1/31

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 χ^2/NDF : 634.8/16

Left Out: 125.622 ± 2.140 χ^2/NDF : 408.6/13

Right Out: 134.381 ± 2.620 χ^2/NDF : 584.9/18

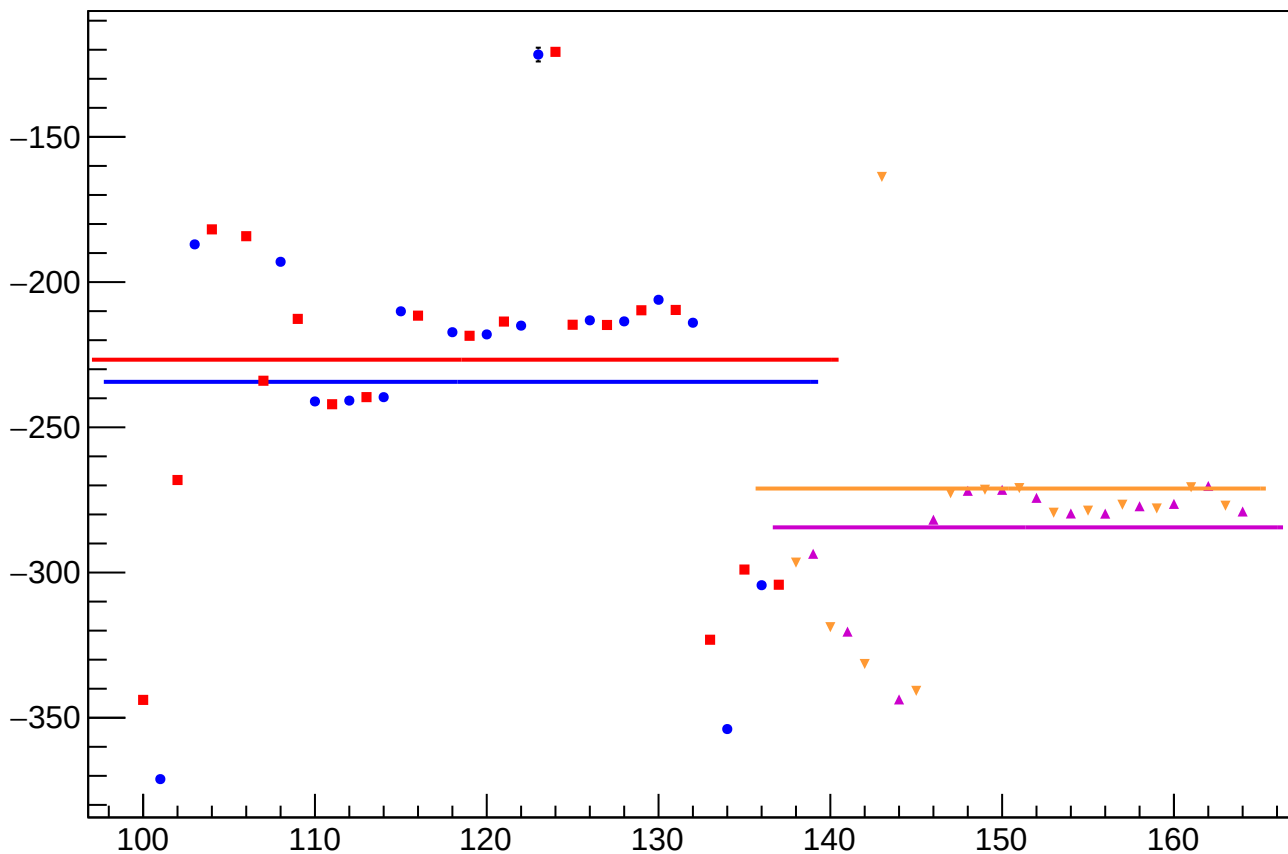
Left In: 132.338 ± 2.308 χ^2/NDF : 320.7/12

+ sign 135.487 ± 1.671 χ^2/NDF : 1097.8/30

All: 134.399 ± 1.202 χ^2/NDF : 2004.6/62

- sign 133.231 ± 1.732 χ^2/NDF : 906.0/31

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341 ± 0.148 χ^2/NDF : 145165.1/16

Left Out: -271.076 ± 0.107 χ^2/NDF : 182864.5/13

Right Out: -226.716 ± 0.141 χ^2/NDF : 99440.4/18

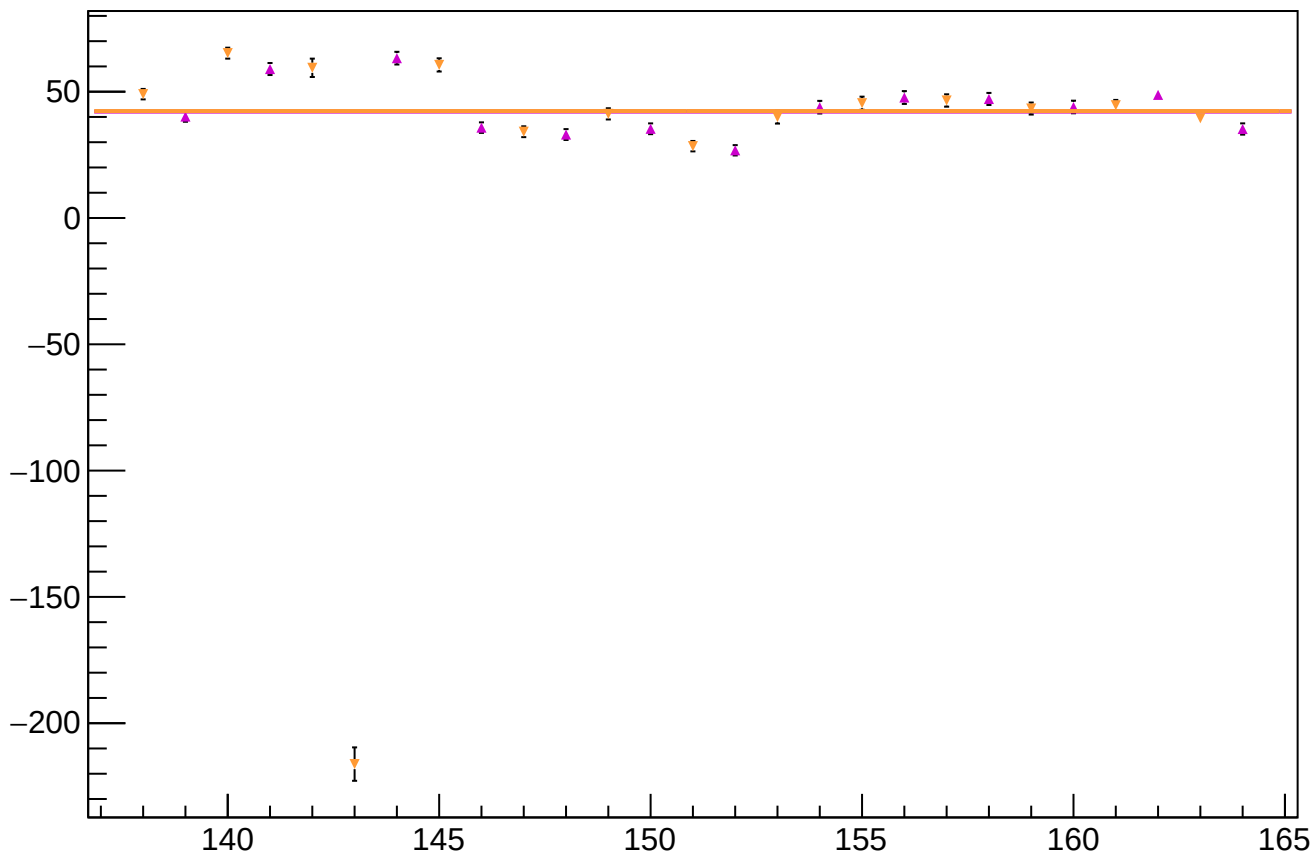
Left In: -284.441 ± 0.111 χ^2/NDF : 30765.3/12

+ sign -258.516 ± 0.087 χ^2/NDF : 368405.8/30

All: -260.435 ± 0.062 χ^2/NDF : 602681.8/62

- sign -262.383 ± 0.087 χ^2/NDF : 233289.2/31

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 42.336+/-0.637 χ^2/NDF :1790.0/13

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

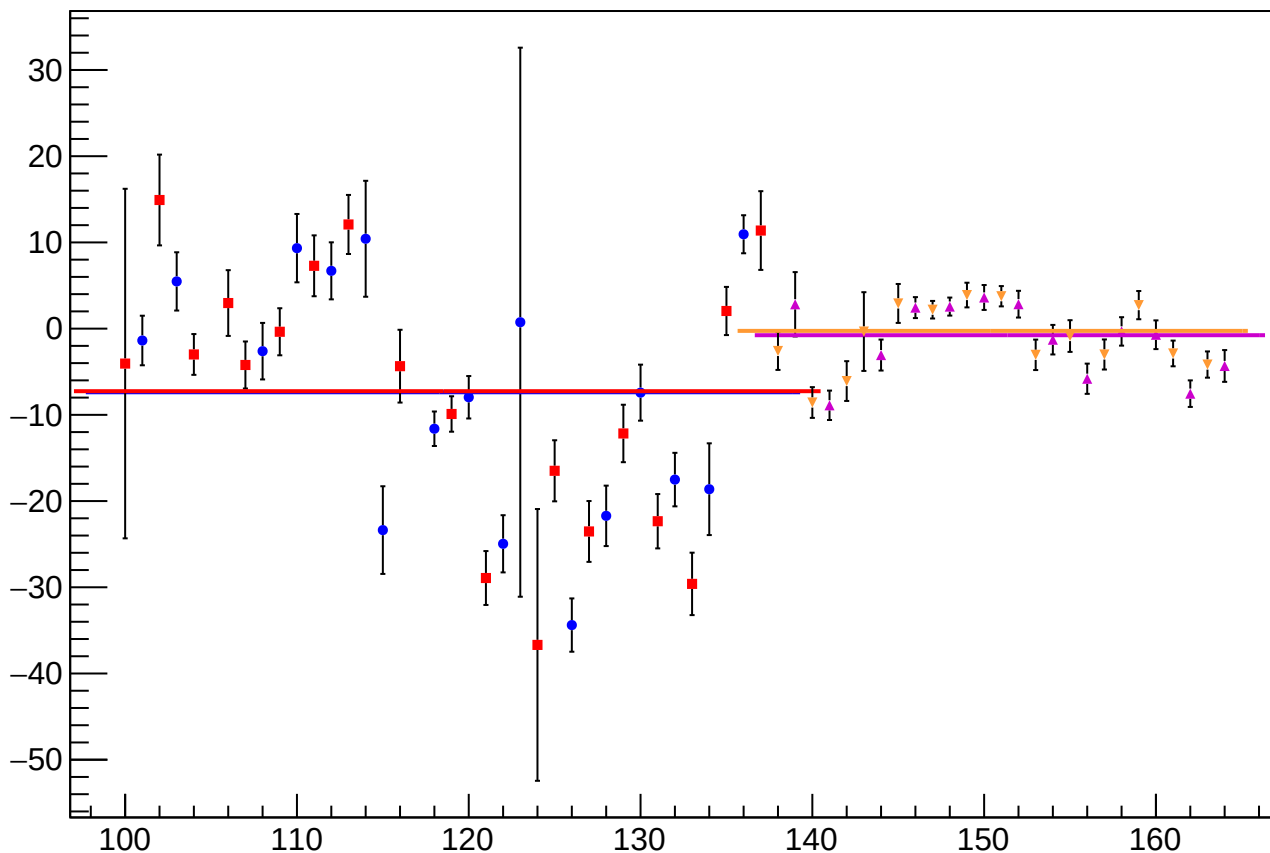
Left In: 42.126+/-0.620 χ^2/NDF :246.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.228+/-0.444 χ^2/NDF : 2036.9/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: -0.260 ± 0.433 χ^2/NDF : 75.1/13

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

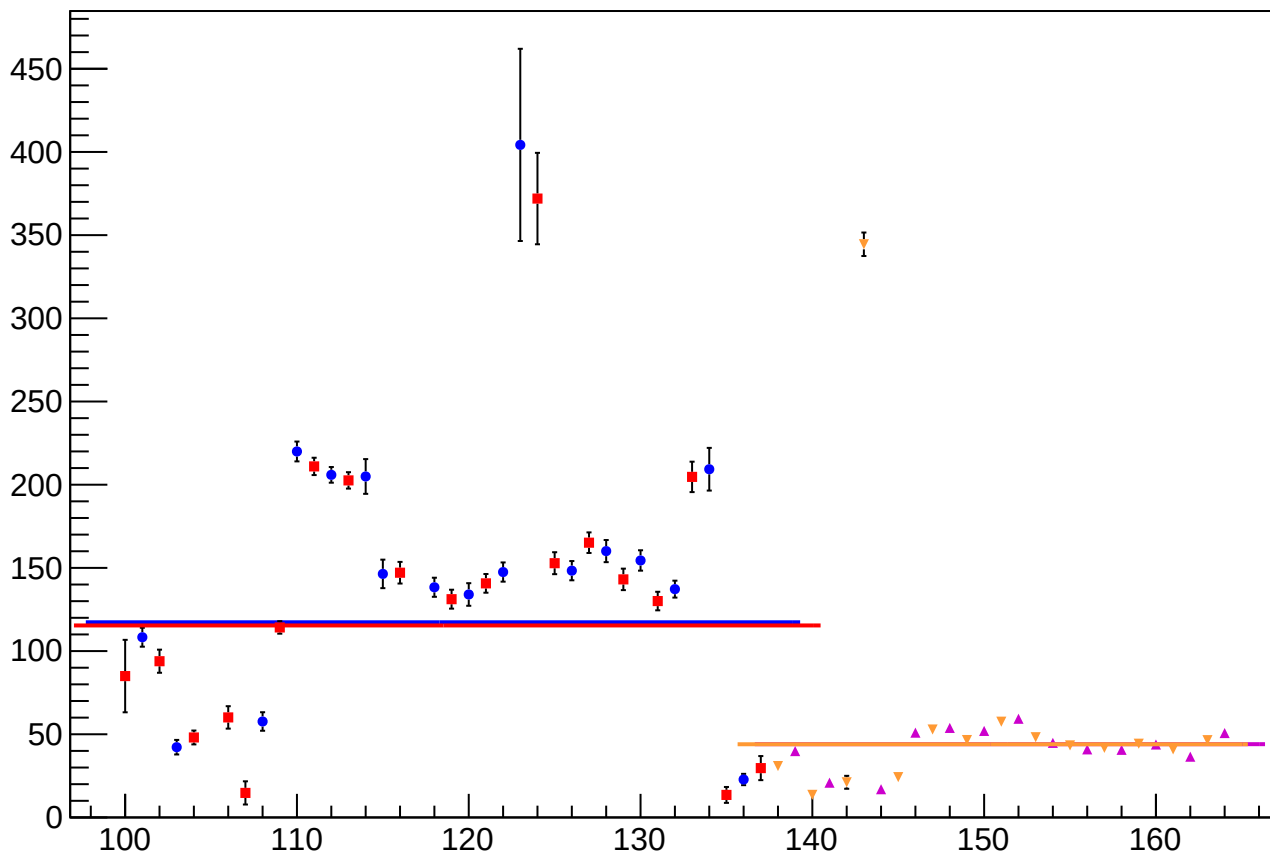
Left In: -0.763 ± 0.433 χ^2/NDF : 88.5/12

+ sign -1.944 ± 0.379 χ^2/NDF : 422.6/30

All: -2.148 ± 0.267 χ^2/NDF : 823.8/62

- sign -2.350 ± 0.377 χ^2/NDF : 400.7/31

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 43.995 $\pm$ 0.619 χ^2 /NDF:2183.7/13

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

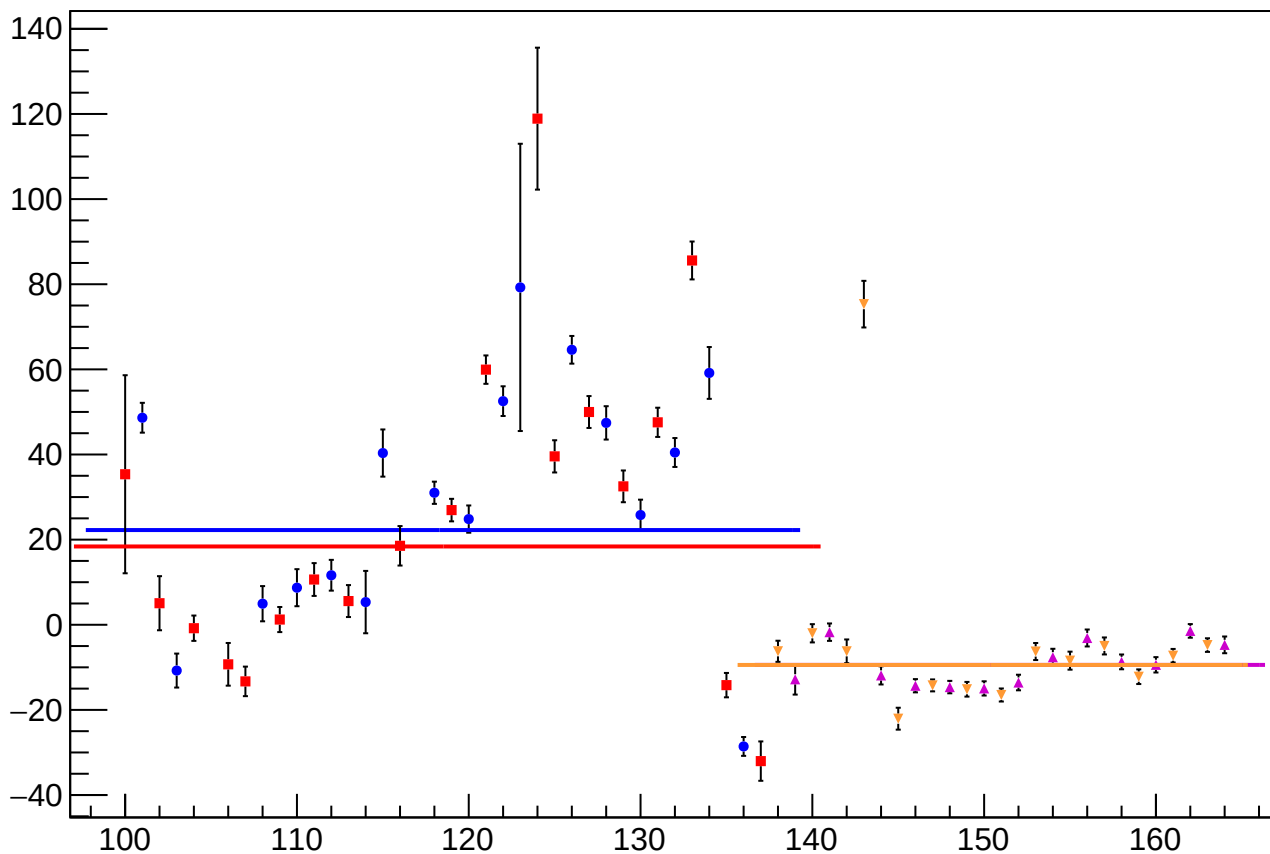
Left In: 44.045 $\pm$ 0.601 χ^2 /NDF:331.2/12

+ sign 55.872 $\pm$ 0.567 χ^2 /NDF: 6614.7/30

All: 55.787 $\pm$ 0.395 χ^2 /NDF: 11397.6/62

- sign 55.708 $\pm$ 0.550 χ^2 /NDF: 4782.8/31

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -9.440 $\pm$ 0.512 χ^2 /NDF: 343.3/13

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

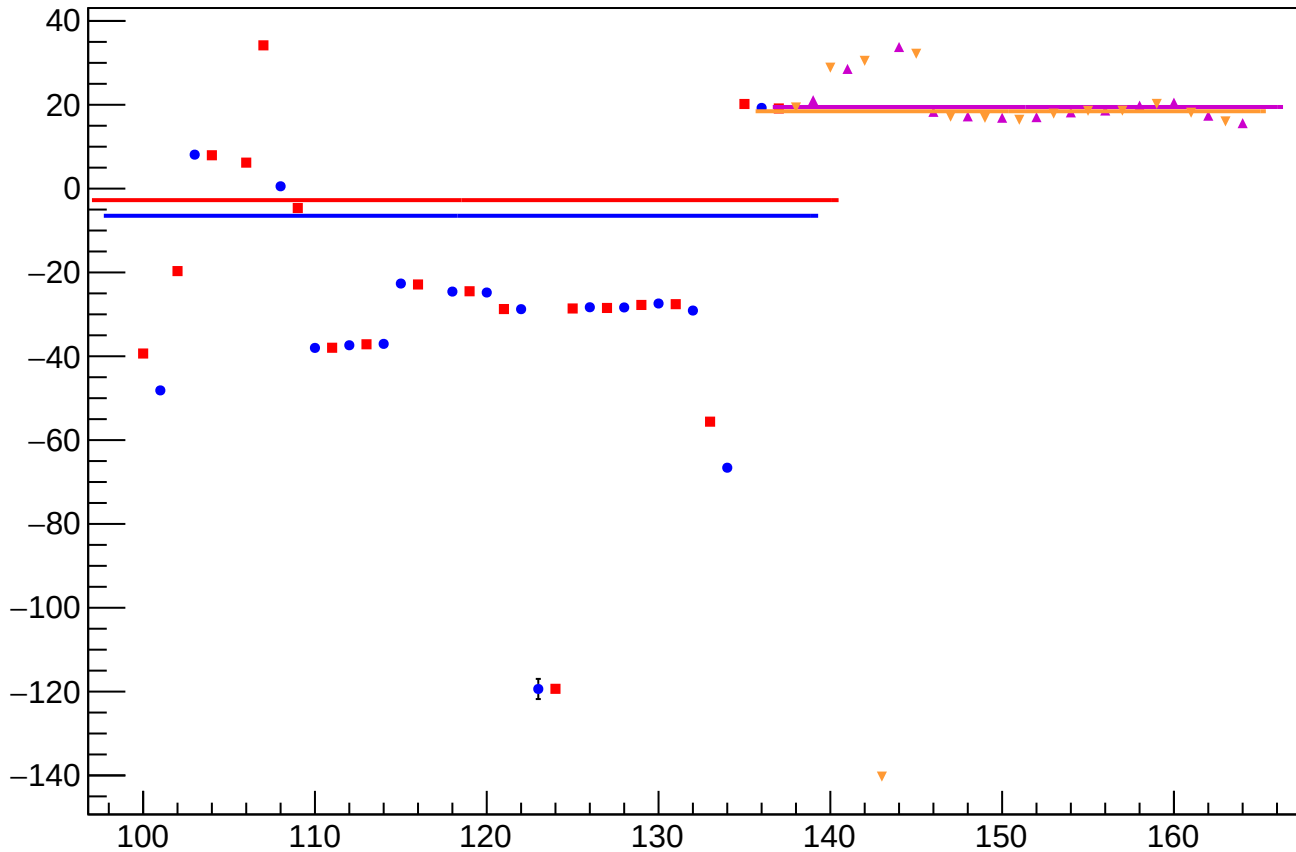
Left In: -9.429 $\pm$ 0.509 χ^2 /NDF: 96.7/12

+ sign -1.543 $\pm$ 0.444 χ^2 /NDF: 2368.4/30

All: -1.958 $\pm$ 0.312 χ^2 /NDF: 4303.9/62

- sign -2.365 $\pm$ 0.439 χ^2 /NDF: 1933.7/31

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 $\chi^2/\text{NDF}: 265804.1/16$

Left Out: 18.455 ± 0.024 $\chi^2/\text{NDF}: 350105.5/13$

Right Out: -2.751 ± 0.046 $\chi^2/\text{NDF}: 266291.4/18$

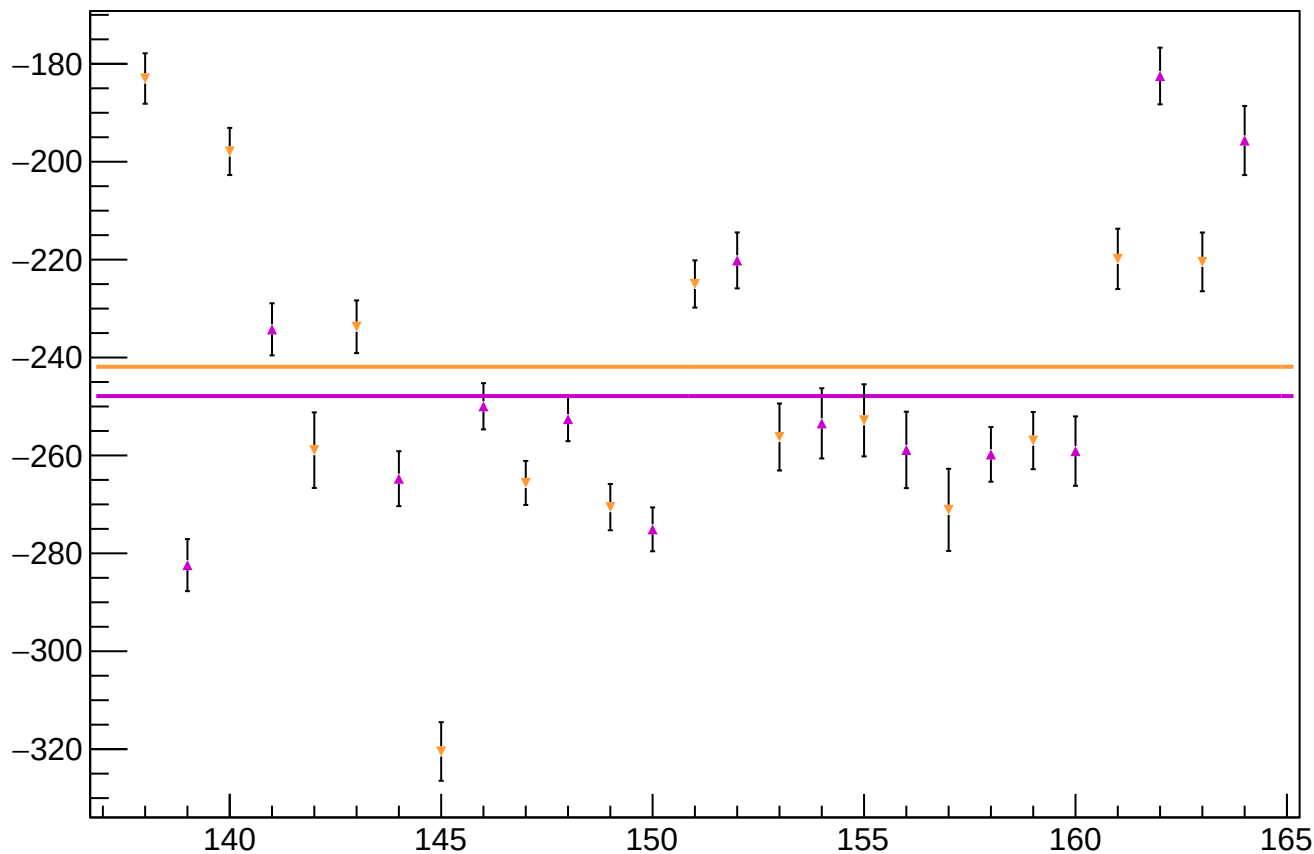
Left In: 19.473 ± 0.024 $\chi^2/\text{NDF}: 28989.2/12$

+ sign 13.076 ± 0.021 $\chi^2/\text{NDF}: 844782.9/30$

All: 13.964 ± 0.015 $\chi^2/\text{NDF}: 1330455.3/62$

- sign 14.810 ± 0.021 $\chi^2/\text{NDF}: 482323.1/31$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -241.885+/-1.517 χ^2/NDF : 521.2/13

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

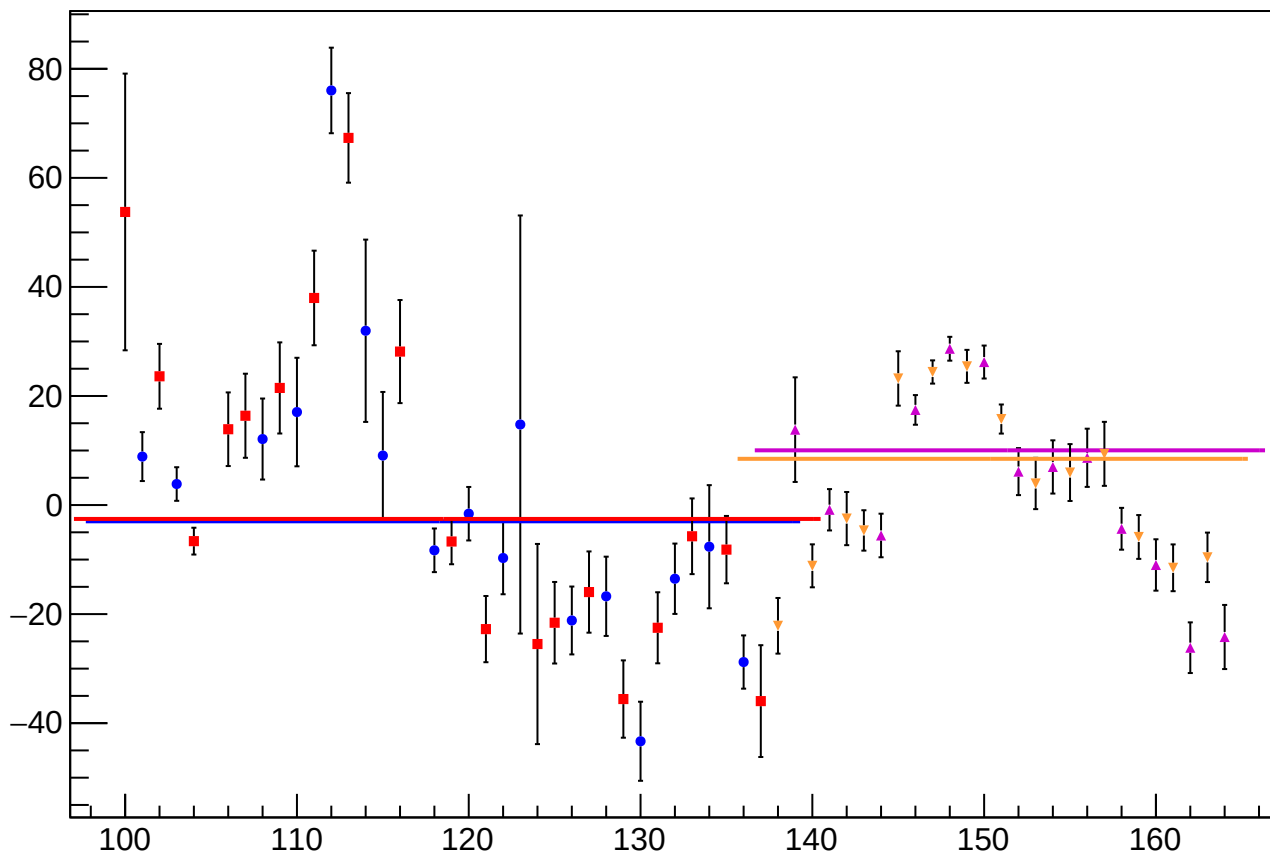
Left In: -247.873+/-1.553 χ^2/NDF : 311.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -244.808+/-1.085 χ^2/NDF : 840.2/26

- 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: 8.478 ± 0.998 χ^2/NDF : 233.4/13

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

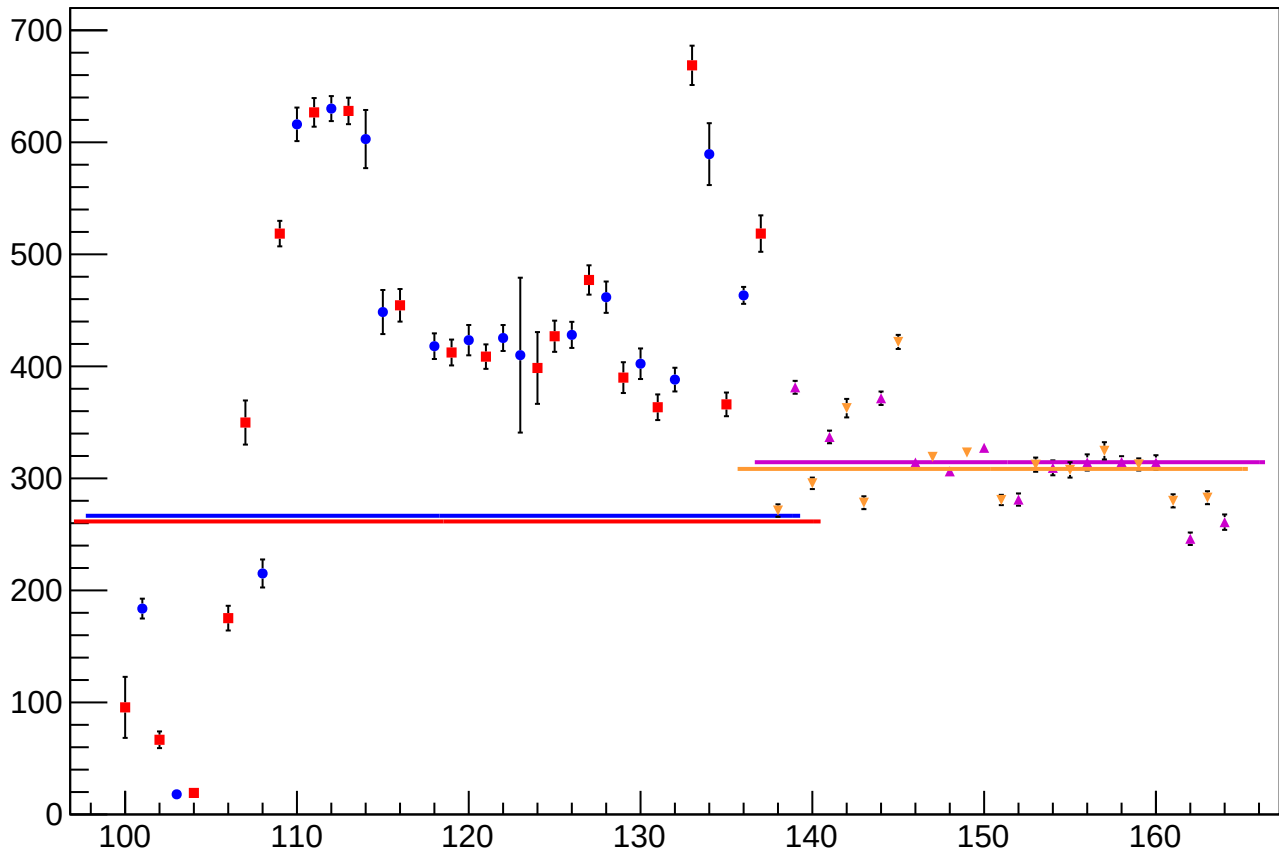
Left In: 10.034 ± 1.045 χ^2/NDF : 262.3/12

+ sign 4.796 ± 0.822 χ^2/NDF : 479.7/30

All: 5.155 ± 0.587 χ^2/NDF : 1012.4/62

- sign 5.528 ± 0.837 χ^2/NDF : 532.3/31

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 ± 2.477 χ^2/NDF : 7662.7/16

Left Out: 308.452 ± 1.489 χ^2/NDF : 548.2/13

Right Out: 261.551 ± 2.458 χ^2/NDF : 8208.2/18

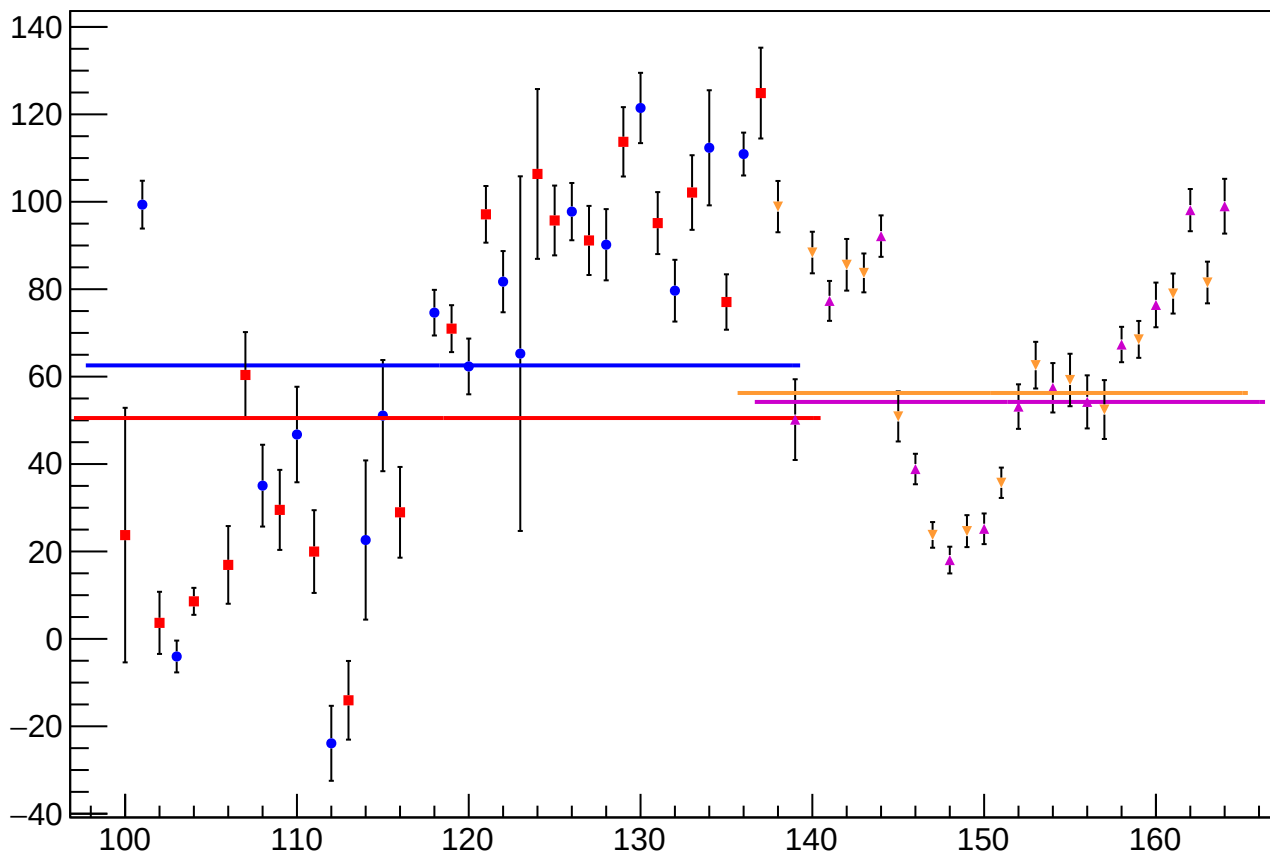
Left In: 314.446 ± 1.507 χ^2/NDF : 502.9/12

+ sign 297.354 ± 1.276 χ^2/NDF : 8420.4/30

All: 298.663 ± 0.905 χ^2/NDF : 17470.2/62

- sign 299.990 ± 1.285 χ^2/NDF : 9047.7/31

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF : 722.4/16

Left Out: 56.260+/-1.205 χ^2/NDF : 457.1/13

Right Out: 50.526+/-1.643 χ^2/NDF : 657.0/18

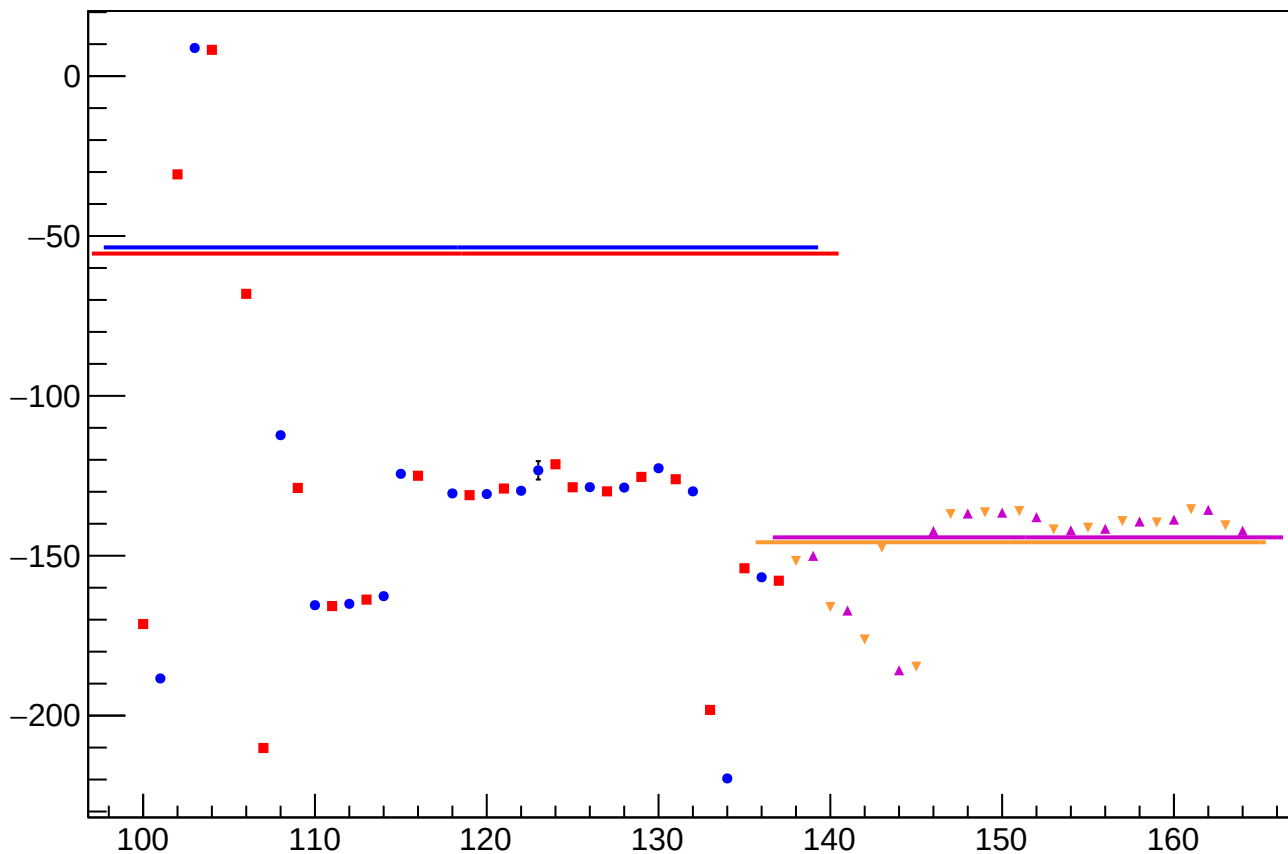
Left In: 54.207+/-1.251 χ^2/NDF : 481.0/12

+ sign 58.404+/-0.979 χ^2/NDF : 1188.9/30

All: 55.678+/-0.698 χ^2/NDF : 2345.8/62

- sign 52.857+/-0.995 χ^2/NDF : 1141.1/31

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567±/0.070 χ^2/NDF : 1230233.3/16

Left Out: -145.784±/0.060 χ^2/NDF : 53634.4/13

Right Out: -55.502±/0.072 χ^2/NDF : 969632.0/18

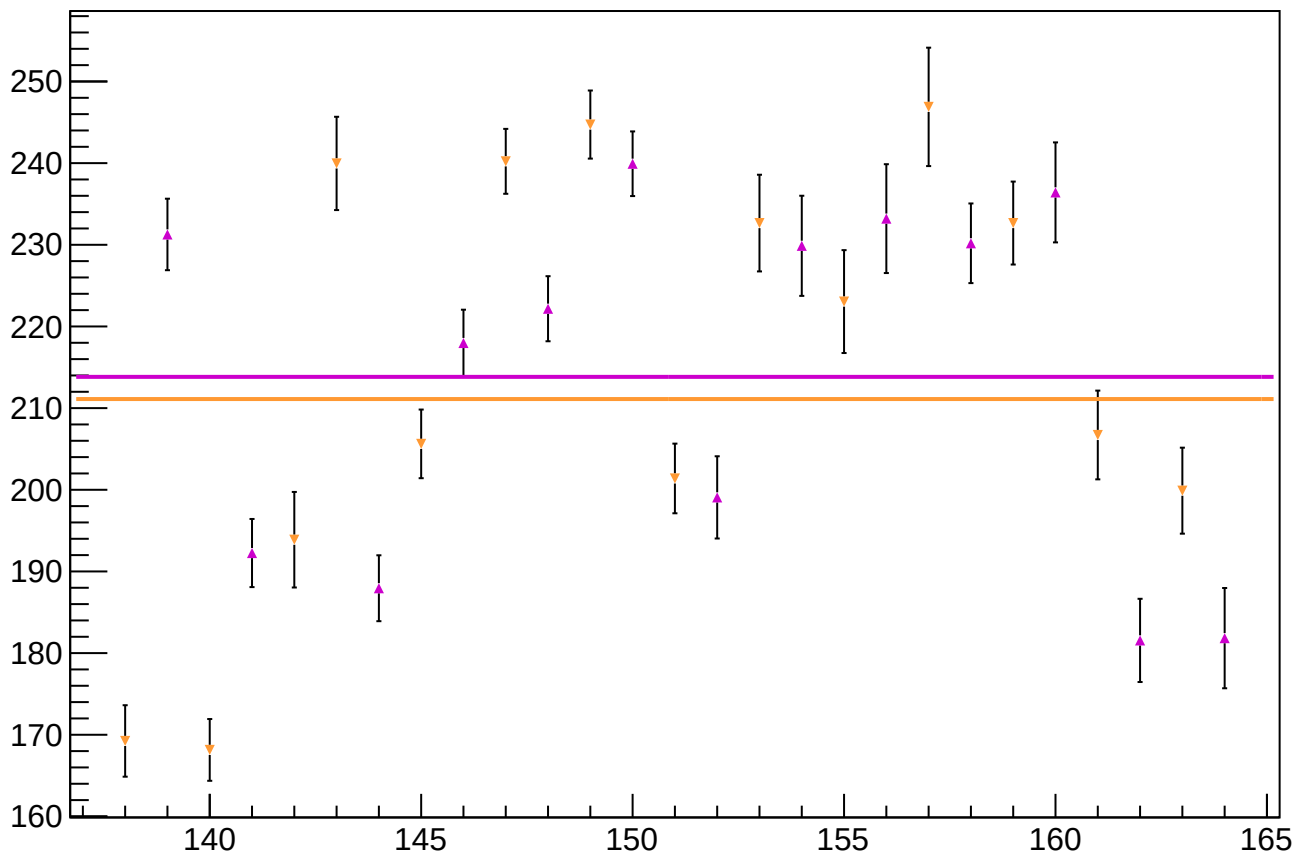
Left In: -144.253±/0.060 χ^2/NDF : 43348.3/12

+ sign -107.114±/0.046 χ^2/NDF : 2283787.0/30

All: -107.477±/0.032 χ^2/NDF : 4195391.0/62

- sign -107.848±/0.046 χ^2/NDF : 1911475.8/31

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 211.111+/-1.295 χ^2/NDF : 444.7/13

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

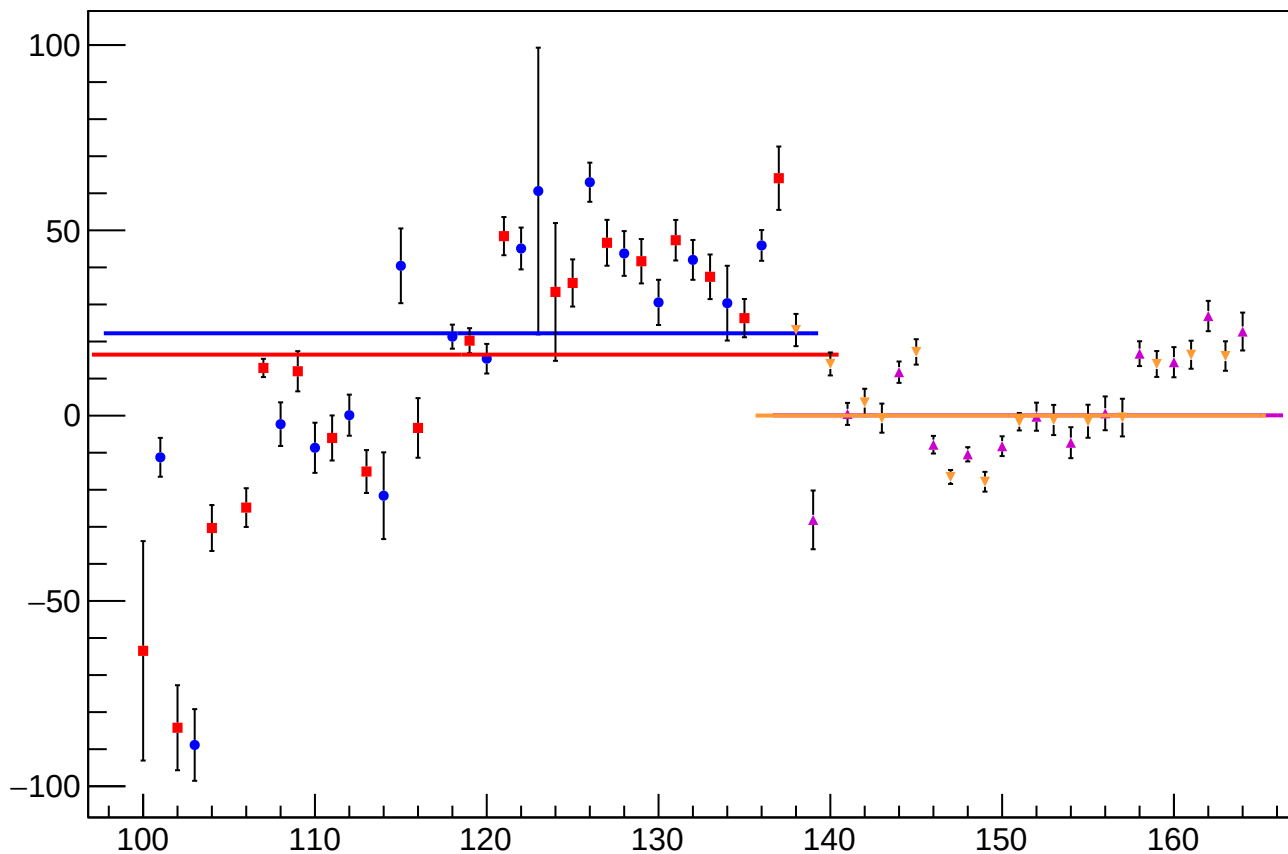
Left In: 213.828+/-1.313 χ^2/NDF : 248.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.452+/-0.922 χ^2/NDF : 695.6/26

- 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: 0.027 $\pm$ 0.862 χ^2 /NDF: 248.1/13

Right Out: 16.466 $\pm$ 1.230 χ^2 /NDF: 425.9/18

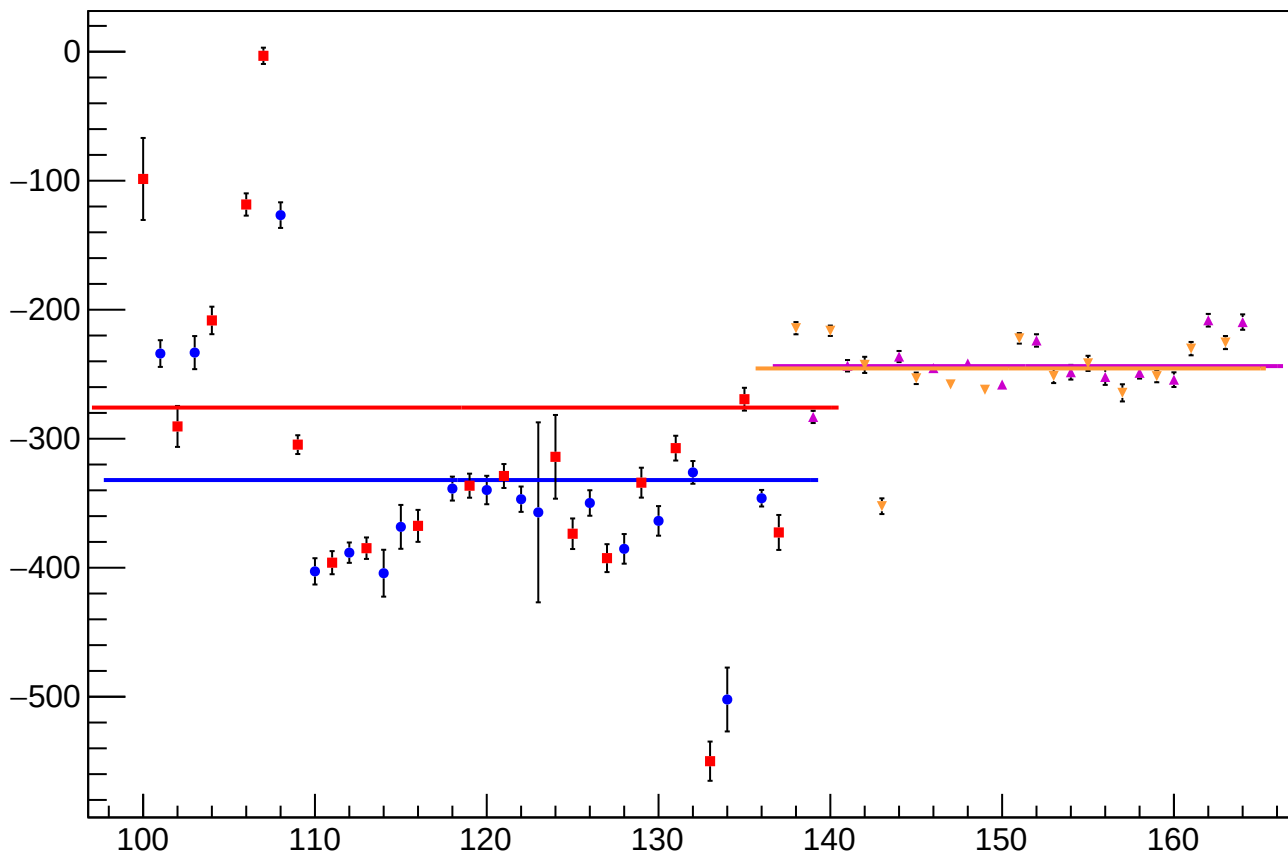
Left In: 0.083 $\pm$ 0.892 χ^2 /NDF: 182.1/12

+ sign 6.294 $\pm$ 0.730 χ^2 /NDF: 821.0/30

All: 6.010 $\pm$ 0.513 χ^2 /NDF: 1545.7/62

- sign 5.732 $\pm$ 0.722 χ^2 /NDF: 724.3/31

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 $\chi^2/\text{NDF}: 784.9/16$

Left Out: -245.528 ± 1.277 $\chi^2/\text{NDF}: 503.5/13$

Right Out: -275.853 ± 2.324 $\chi^2/\text{NDF}: 3362.8/18$

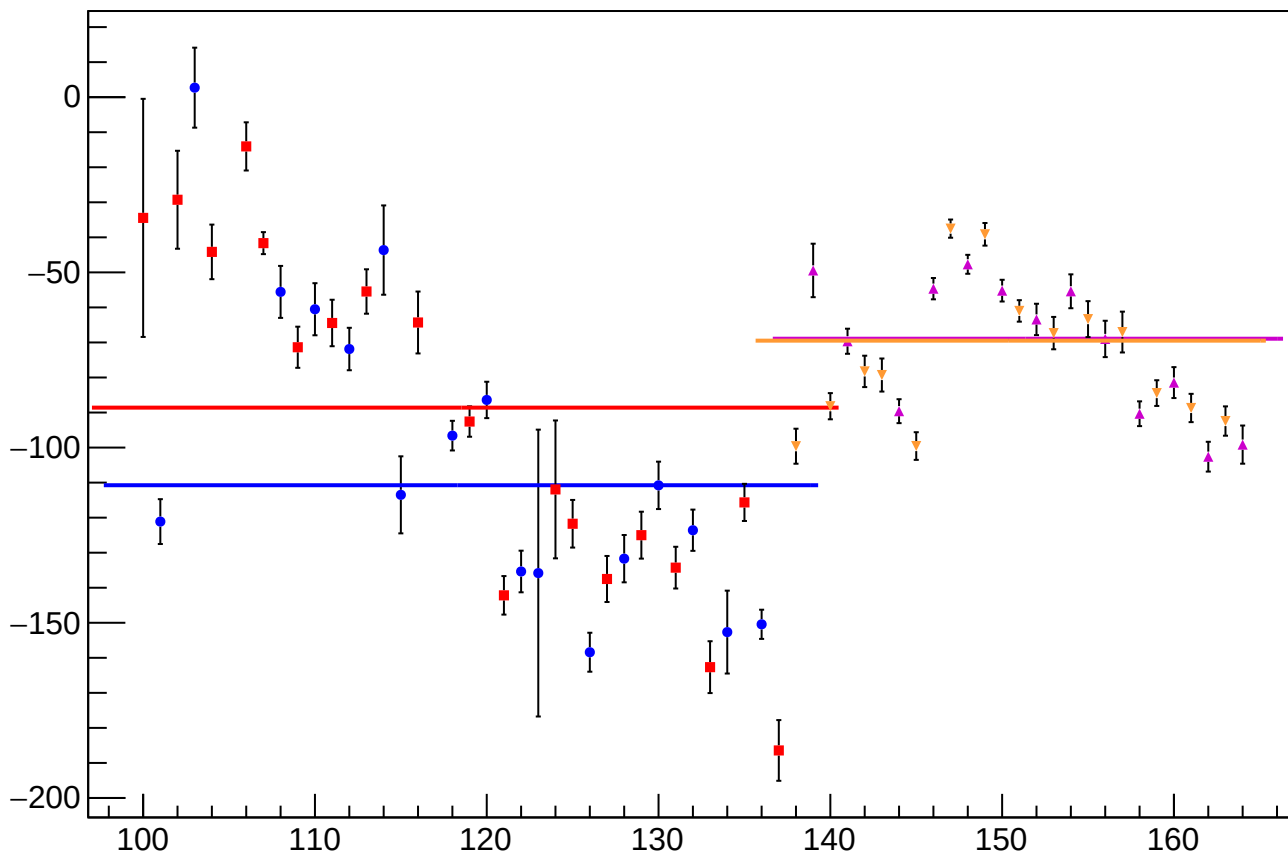
Left In: -243.709 ± 1.281 $\chi^2/\text{NDF}: 196.9/12$

+ sign -262.736 ± 1.143 $\chi^2/\text{NDF}: 2201.8/30$

All: -256.862 ± 0.801 $\chi^2/\text{NDF}: 5960.1/62$

- sign -251.199 ± 1.122 $\chi^2/\text{NDF}: 3706.4/31$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -69.483 ± 1.038 χ^2/NDF : 446.4/13

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

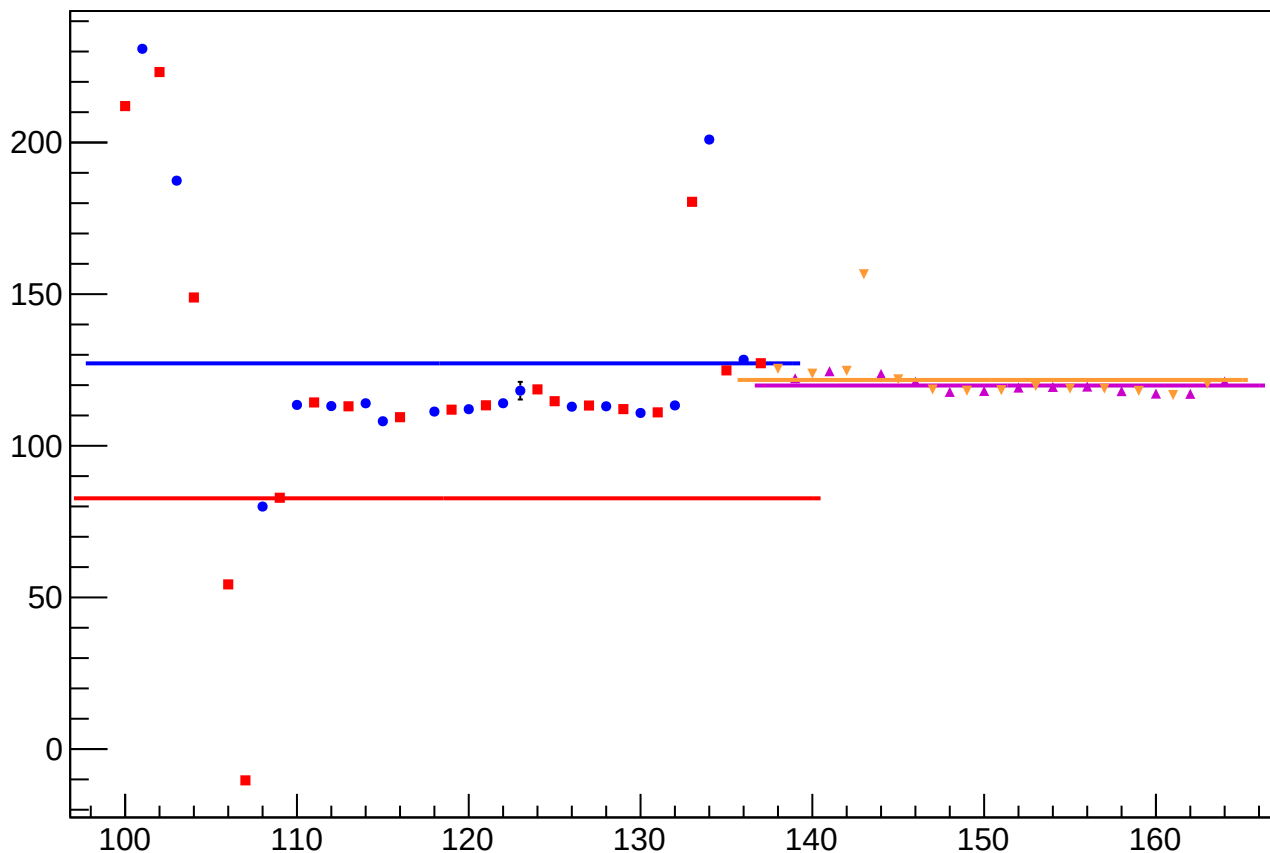
Left In: -68.931 ± 1.066 χ^2/NDF : 294.2/12

+ sign -81.949 ± 0.867 χ^2/NDF : 1437.2/30

All: -78.897 ± 0.609 χ^2/NDF : 2846.7/62

- sign -75.927 ± 0.856 χ^2/NDF : 1385.0/31

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF : 188050.9/16

Left Out: 121.715+/-0.051 χ^2/NDF : 23673.1/13

Right Out: 82.684+/-0.075 χ^2/NDF : 765716.0/18

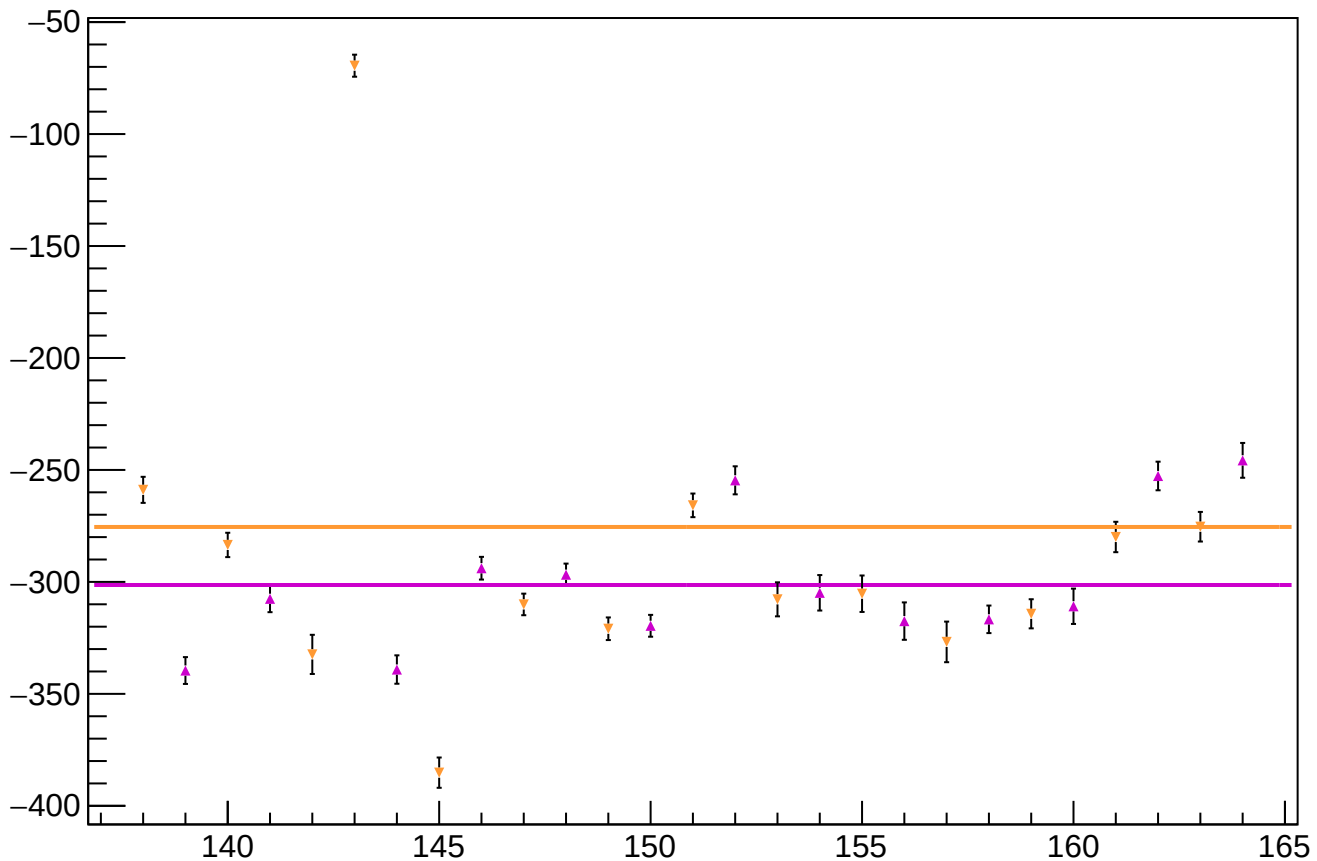
Left In: 119.874+/-0.051 χ^2/NDF : 2197.8/12

+ sign 123.072+/-0.044 χ^2/NDF : 214555.5/30

All: 115.259+/-0.031 χ^2/NDF : 1208826.6/62

- sign 108.177+/-0.042 χ^2/NDF : 935126.4/31

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -275.466+/-1.643 χ^2/NDF : 2301.7/13

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

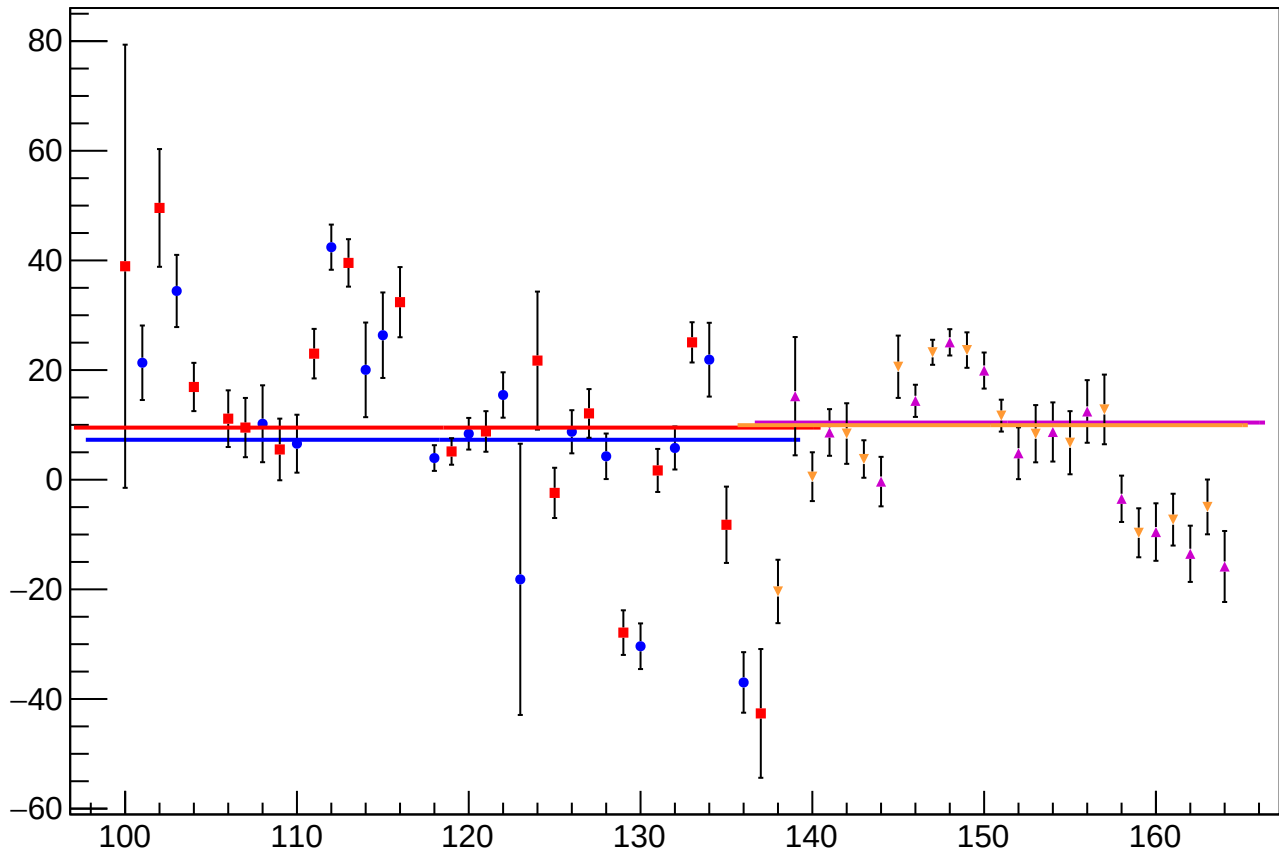
Left In: -301.384+/-1.710 χ^2/NDF : 270.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.901+/-1.185 χ^2/NDF : 2691.9/26

- 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: 9.947 ± 1.077 χ^2/NDF : 133.1/13

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

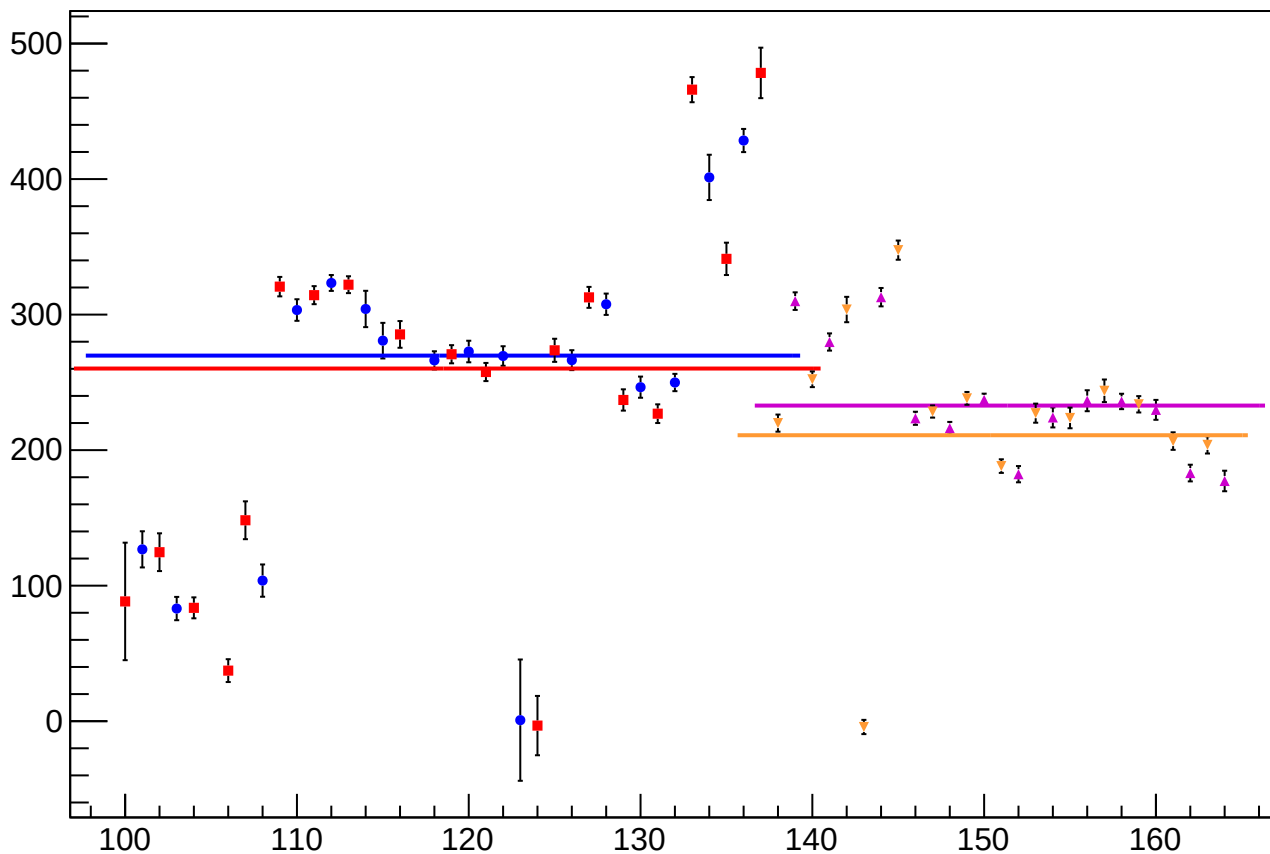
Left In: 10.425 ± 1.148 χ^2/NDF : 118.6/12

+ sign 8.623 ± 0.764 χ^2/NDF : 397.2/30

All: 9.262 ± 0.547 χ^2/NDF : 749.0/62

- sign 9.934 ± 0.784 χ^2/NDF : 350.4/31

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 ± 2.071 $\chi^2/\text{NDF}: 1374.1/16$

Left Out: 210.993 ± 1.613 $\chi^2/\text{NDF}: 2309.0/13$

Right Out: 260.206 ± 1.978 $\chi^2/\text{NDF}: 2541.6/18$

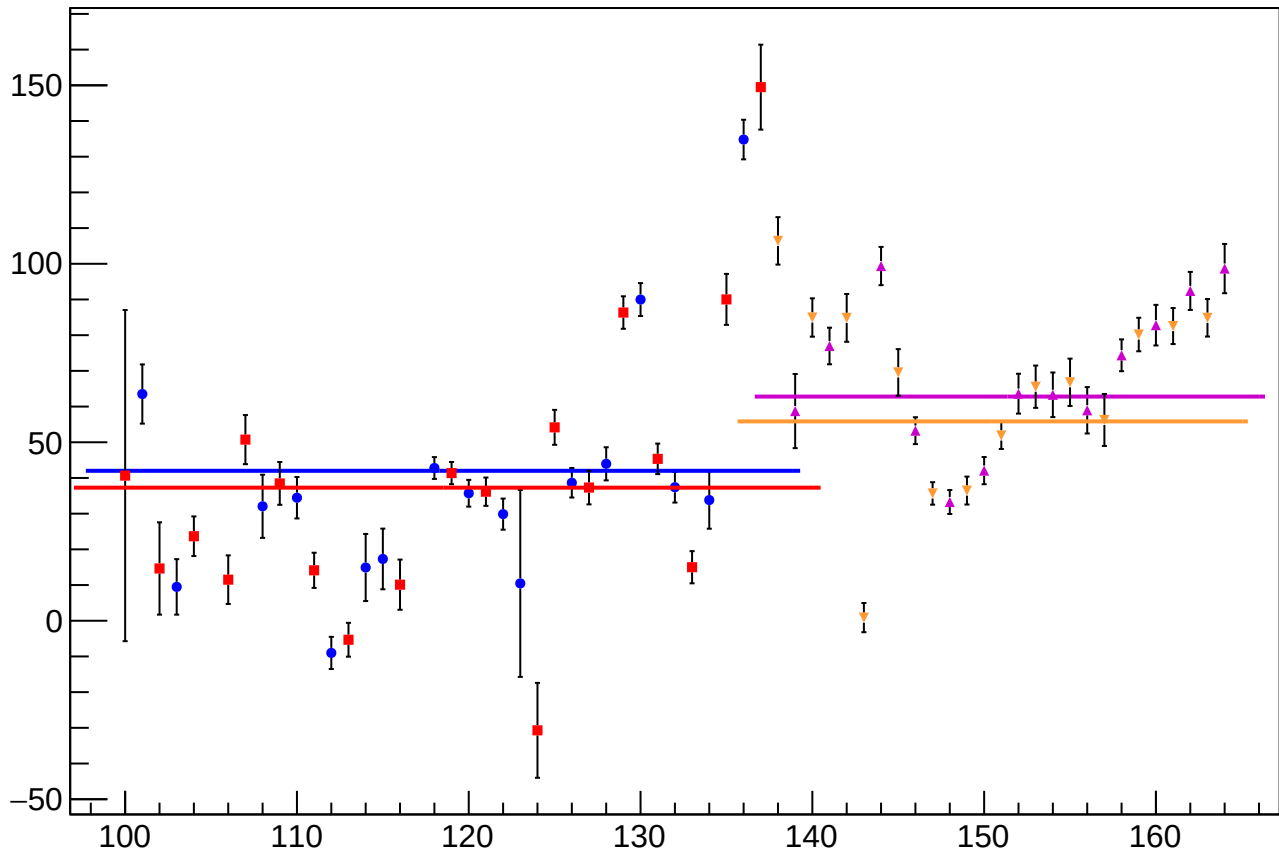
Left In: 232.876 ± 1.658 $\chi^2/\text{NDF}: 544.9/12$

+ sign 233.179 ± 1.273 $\chi^2/\text{NDF}: 4183.9/30$

All: 238.677 ± 0.899 $\chi^2/\text{NDF}: 7419.7/62$

- sign 244.155 ± 1.271 $\chi^2/\text{NDF}: 3198.6/31$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2 /NDF: 575.6/16

Left Out: 55.846 $\pm$ 1.302 χ^2 /NDF: 448.6/13

Right Out: 37.284 $\pm$ 1.237 χ^2 /NDF: 472.6/18

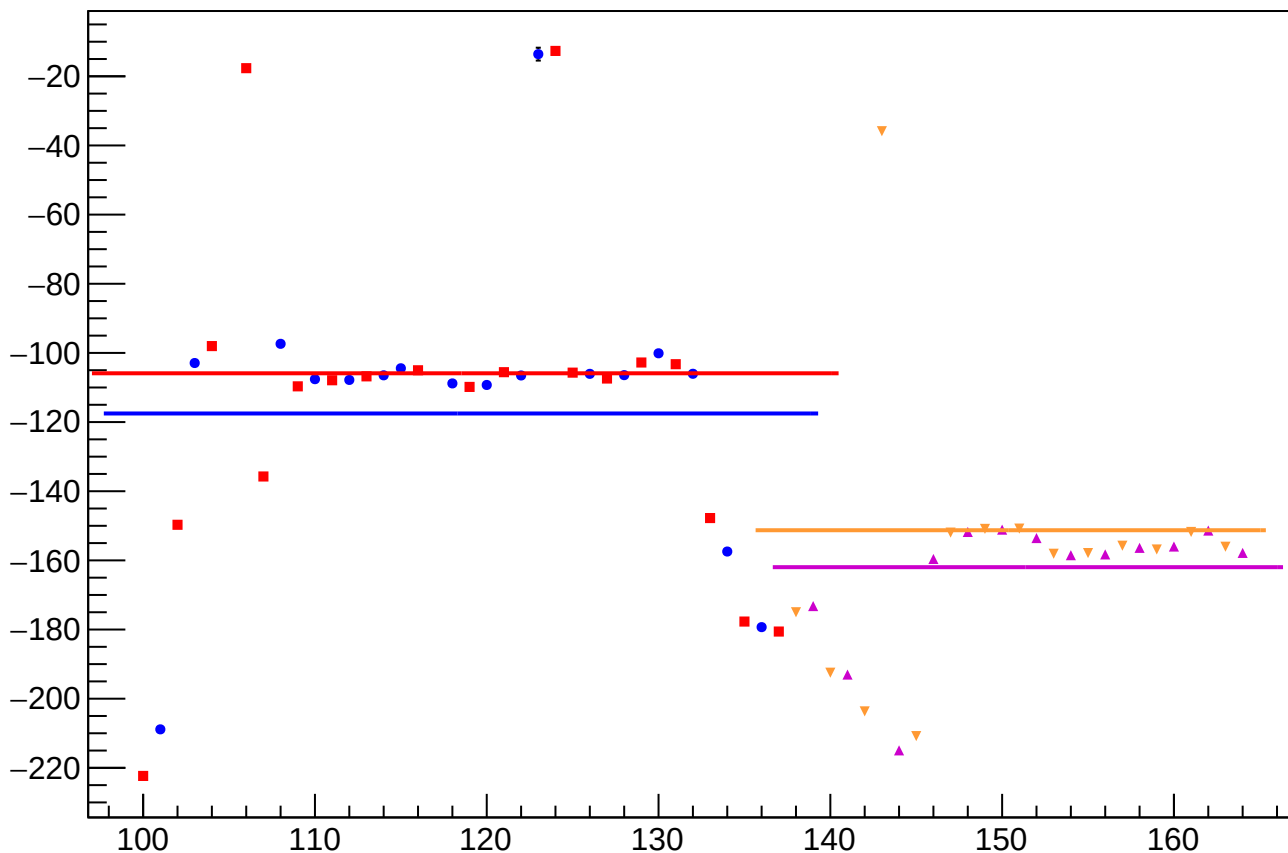
Left In: 62.802 $\pm$ 1.375 χ^2 /NDF: 245.1/12

+ sign 48.674 $\pm$ 0.904 χ^2 /NDF: 1082.7/30

All: 48.687 $\pm$ 0.645 χ^2 /NDF: 1990.8/62

- sign 48.702 $\pm$ 0.920 χ^2 /NDF: 908.1/31

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516 ± 0.078 χ^2/NDF : 142016.6/16

Left Out: -151.282 ± 0.065 χ^2/NDF : 403619.3/13

Right Out: -105.892 ± 0.073 χ^2/NDF : 324304.4/18

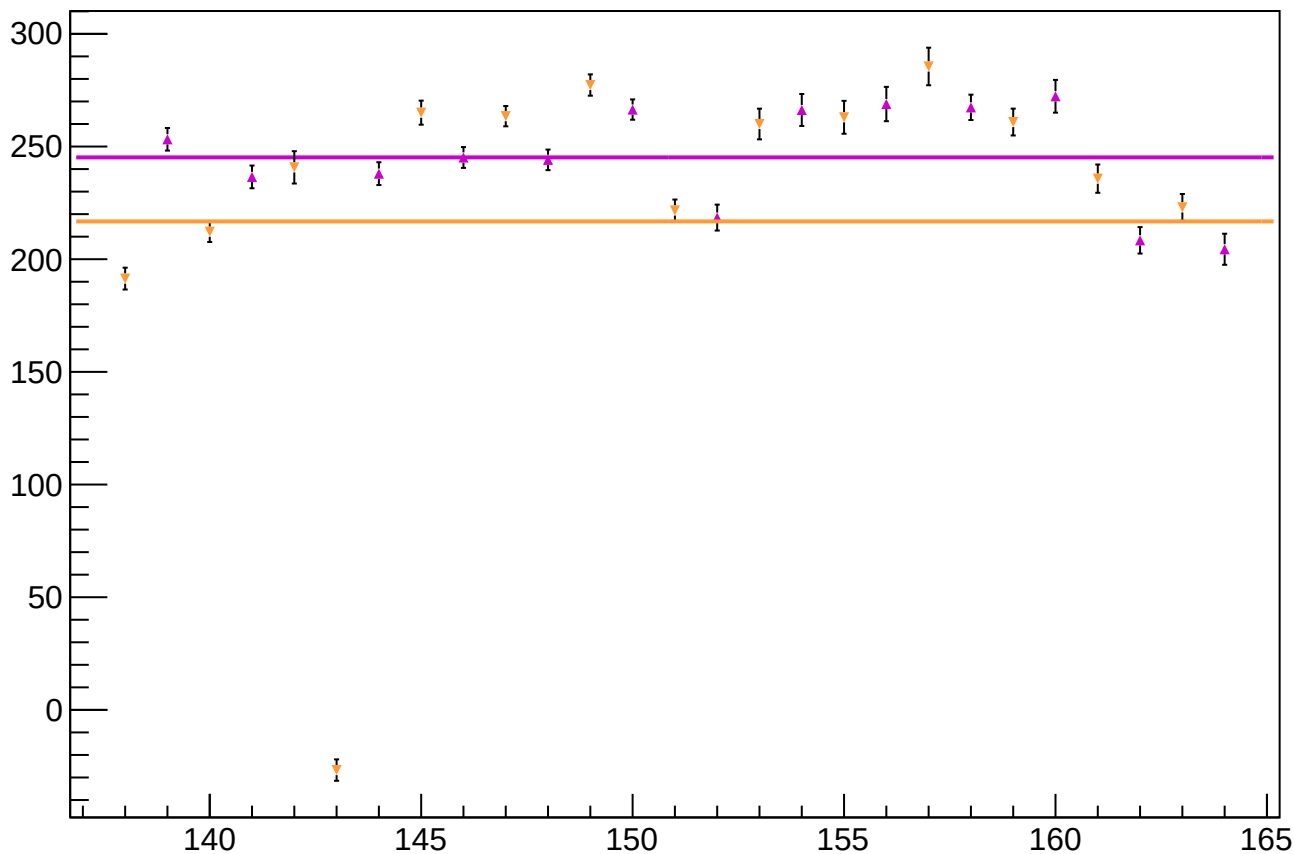
Left In: -161.963 ± 0.066 χ^2/NDF : 59623.1/12

+ sign -137.498 ± 0.050 χ^2/NDF : 656529.3/30

All: -137.075 ± 0.035 χ^2/NDF : 1366195.7/62

- sign -136.667 ± 0.049 χ^2/NDF : 709524.9/31

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 216.768+/-1.470 χ^2/NDF : 3229.8/13

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

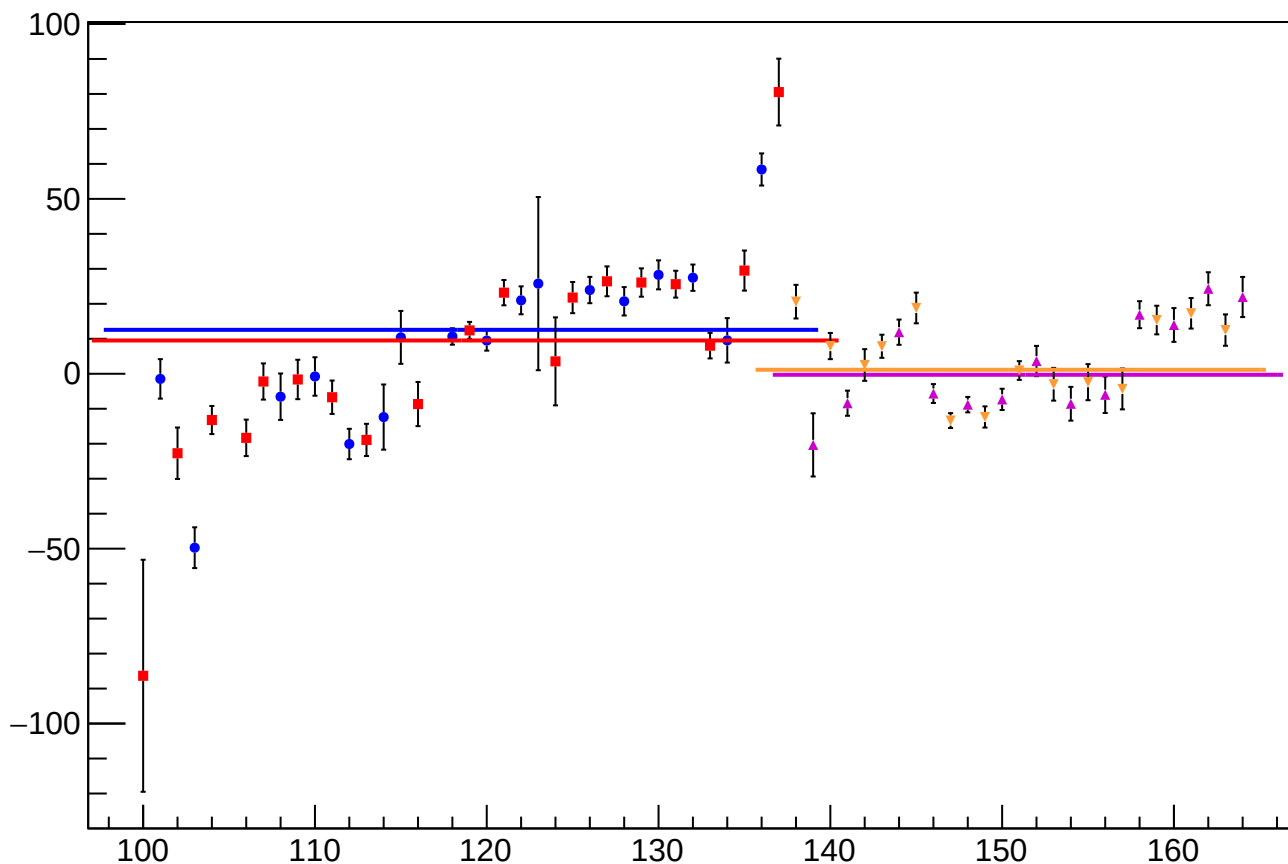
Left In: 245.180+/-1.524 χ^2/NDF : 173.6/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.462+/-1.058 χ^2/NDF : 3583.4/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561 ± 1.056 χ^2/NDF : 347.7/16

Left Out: 1.149 ± 0.976 χ^2/NDF : 140.6/13

Right Out: 9.519 ± 1.051 χ^2/NDF : 296.2/18

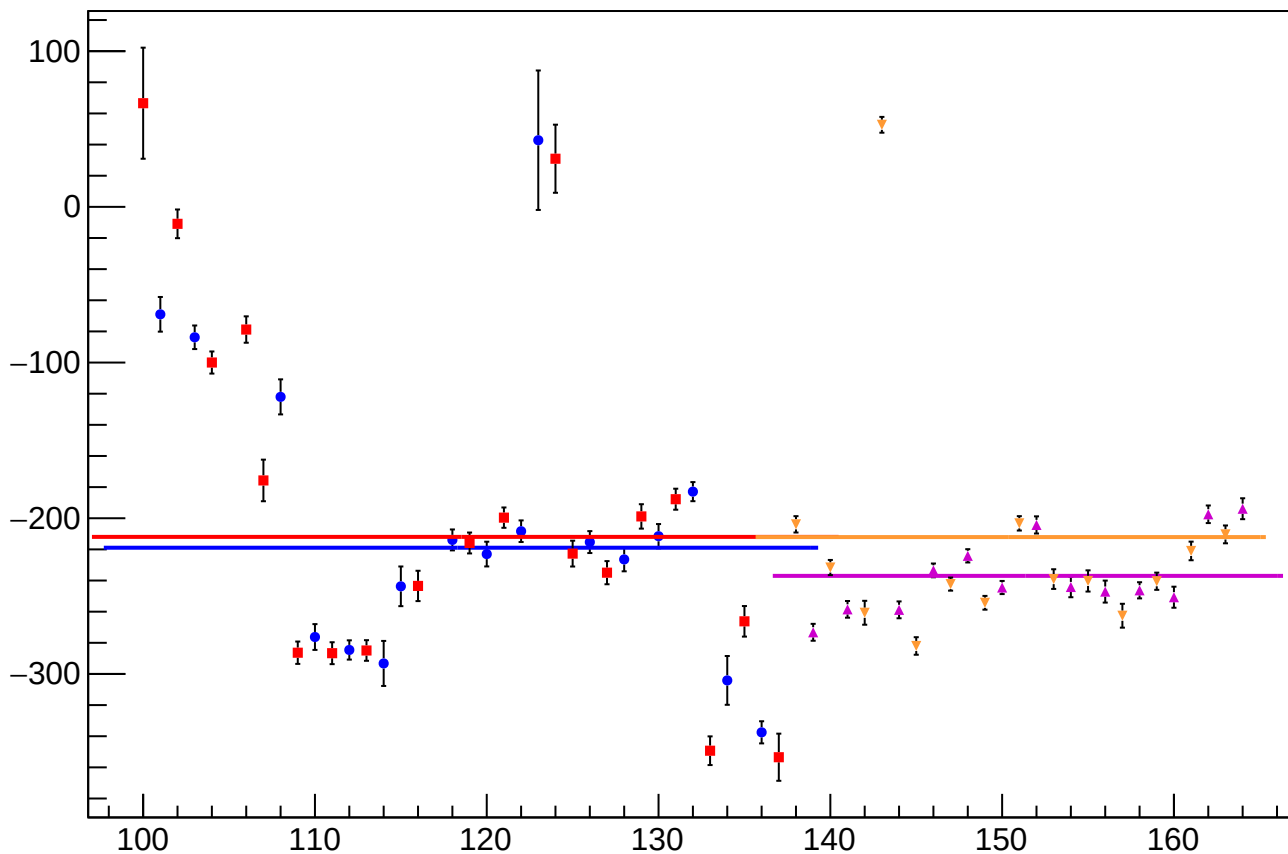
Left In: -0.288 ± 1.034 χ^2/NDF : 121.3/12

+ sign 6.410 ± 0.717 χ^2/NDF : 551.3/30

All: 5.500 ± 0.514 χ^2/NDF : 1016.4/62

- sign 4.538 ± 0.737 χ^2/NDF : 461.8/31

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -212.090 ± 1.451 $\chi^2/\text{NDF}: 3188.4/13$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

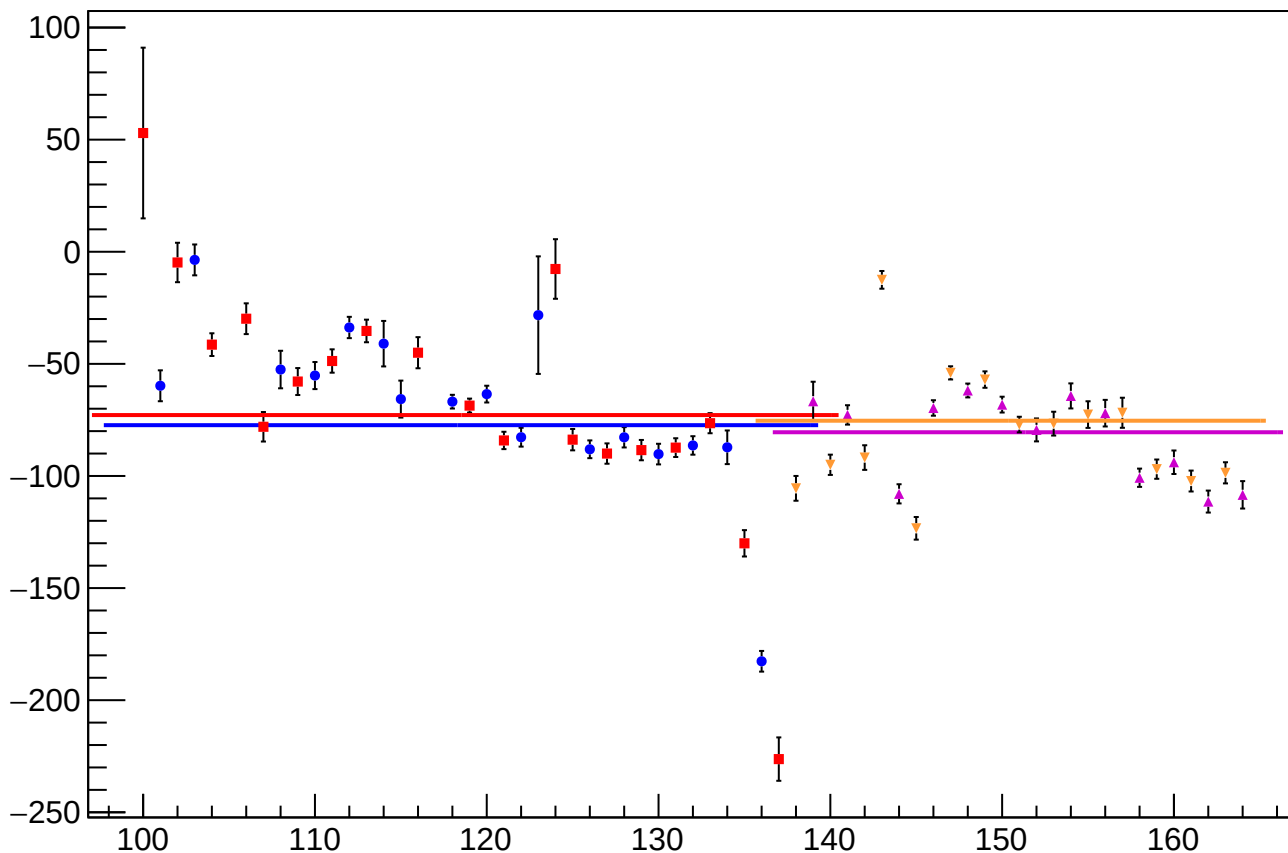
Left In: -237.004 ± 1.485 $\chi^2/\text{NDF}: 225.9/12$

+ sign -214.437 ± 1.176 $\chi^2/\text{NDF}: 4342.7/30$

All: -221.050 ± 0.831 $\chi^2/\text{NDF}: 6624.1/62$

- sign -227.663 ± 1.175 $\chi^2/\text{NDF}: 2218.1/31$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -75.357 ± 1.177 χ^2/NDF : 562.1/13

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

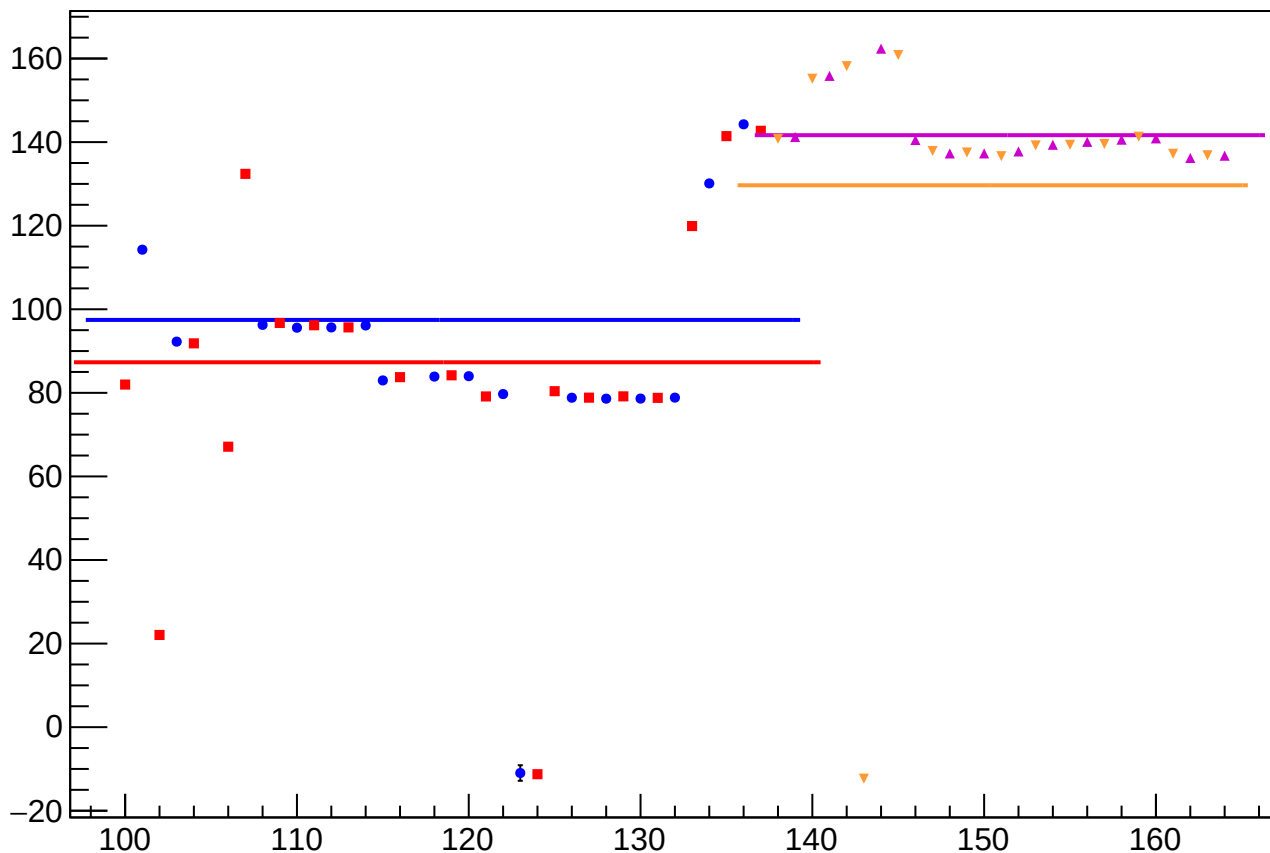
Left In: -80.500 ± 1.237 χ^2/NDF : 207.8/12

+ sign -76.315 ± 0.847 χ^2/NDF : 1380.7/30

All: -76.445 ± 0.605 χ^2/NDF : 2281.1/62

- sign -76.580 ± 0.864 χ^2/NDF : 900.3/31

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 129.672 $\pm$ 0.058 χ^2 /NDF: 549514.9/13

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

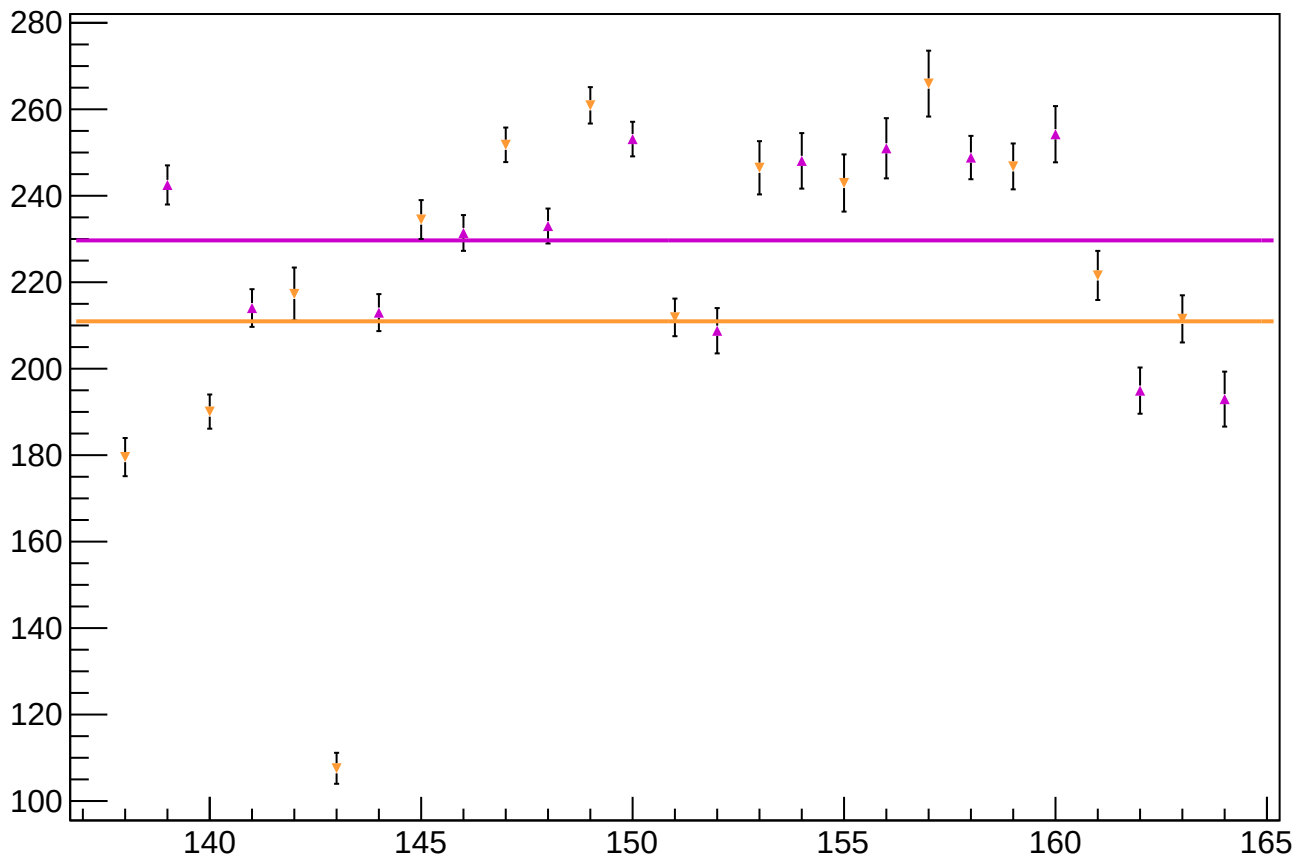
Left In: 141.663 $\pm$ 0.059 χ^2 /NDF: 14540.2/12

+ sign 117.211 $\pm$ 0.046 χ^2 /NDF: 762598.7/30

All: 117.808 $\pm$ 0.032 χ^2 /NDF: 1361886.5/62

- sign 118.382 $\pm$ 0.045 χ^2 /NDF: 598951.3/31

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: 210.959+/-1.283 χ^2/NDF :1341.7/13

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

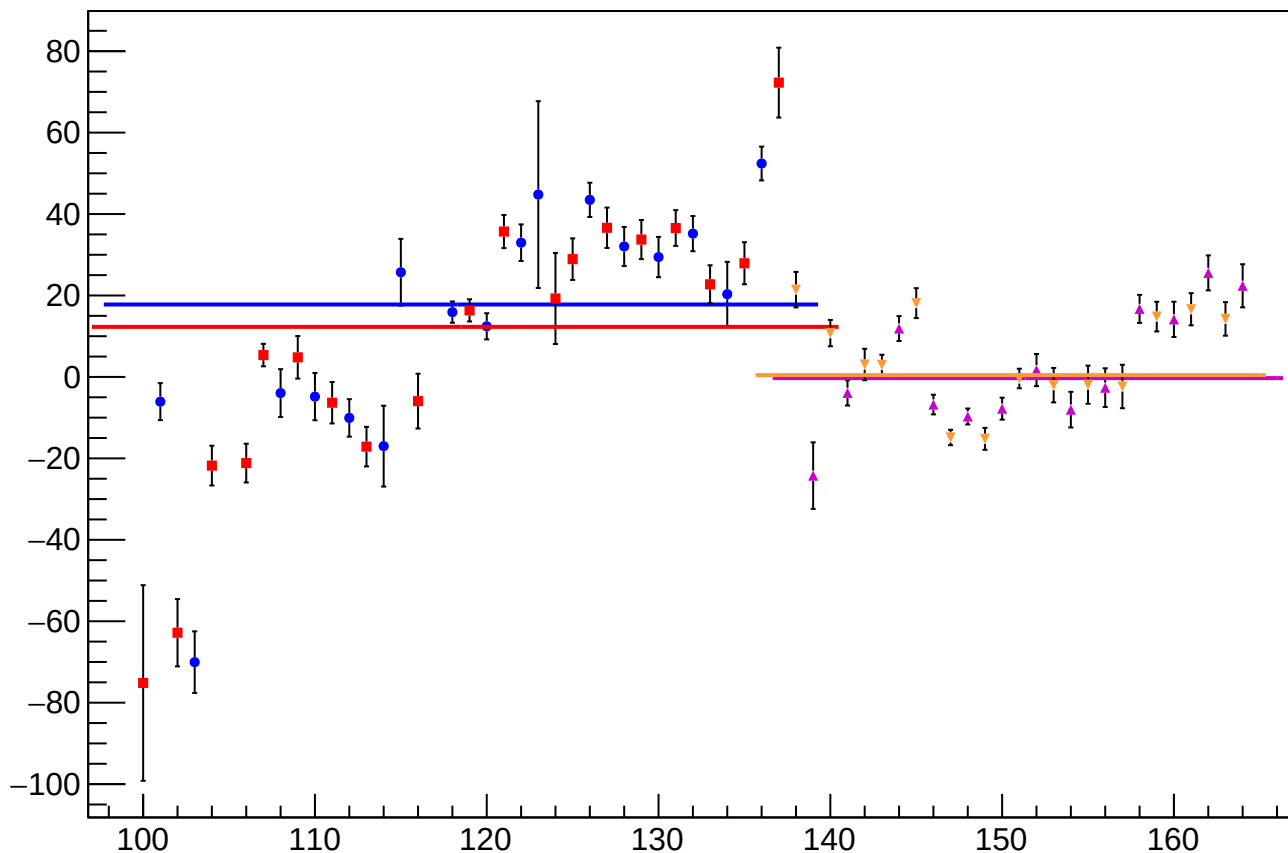
Left In: 229.676+/-1.357 χ^2/NDF :209.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.789+/-0.932 χ^2/NDF : 1651.4/26

- 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: 0.452 $\pm$ 0.852 χ^2 /NDF: 201.8/13

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

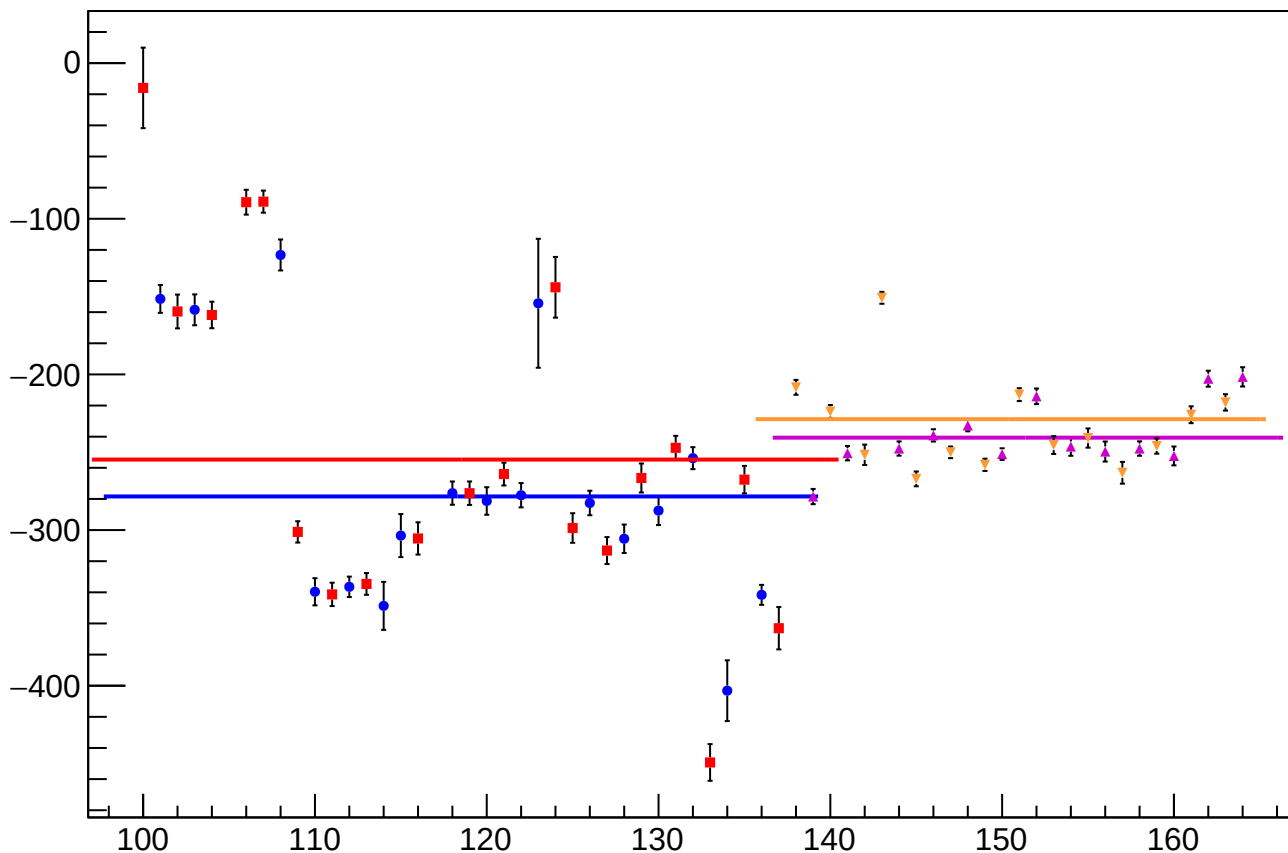
Left In: -0.288 $\pm$ 0.919 χ^2 /NDF: 157.7/12

+ sign 6.619 $\pm$ 0.684 χ^2 /NDF: 744.2/30

All: 5.811 $\pm$ 0.490 χ^2 /NDF: 1426.8/62

- sign 4.961 $\pm$ 0.701 χ^2 /NDF: 679.7/31

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: -228.742 ± 1.271 χ^2/NDF : 667.9/13

Right Out: -254.703 ± 2.020 χ^2/NDF : 2038.5/18

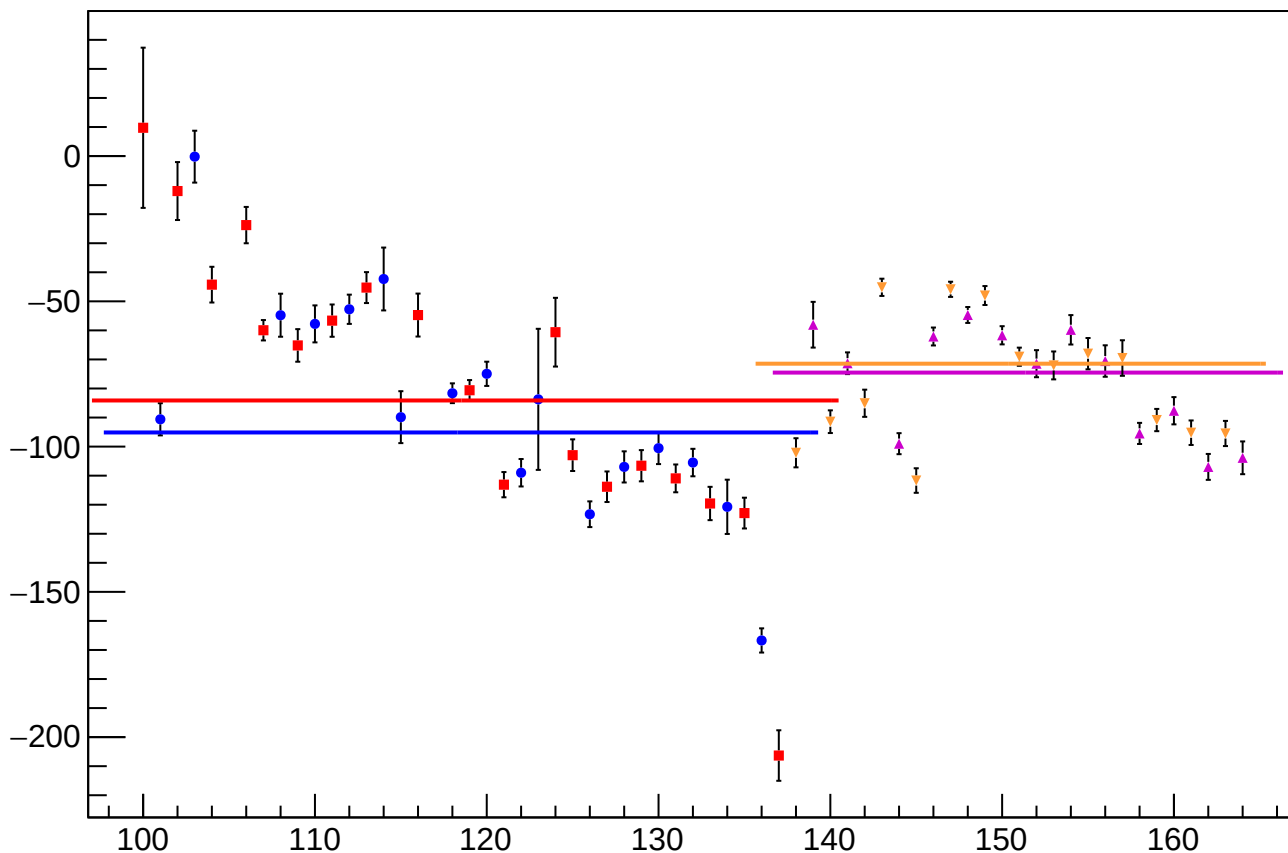
Left In: -240.633 ± 1.324 χ^2/NDF : 209.9/12

+ sign -241.443 ± 1.096 χ^2/NDF : 1968.9/30

All: -243.134 ± 0.779 χ^2/NDF : 4256.0/62

- sign -244.859 ± 1.107 χ^2/NDF : 2282.3/31

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 $\pm$ 1.322 χ^2 /NDF: 674.9/16

Left Out: -71.465 $\pm$ 1.028 χ^2 /NDF: 478.3/13

Right Out: -84.124 $\pm$ 1.259 χ^2 /NDF: 782.9/18

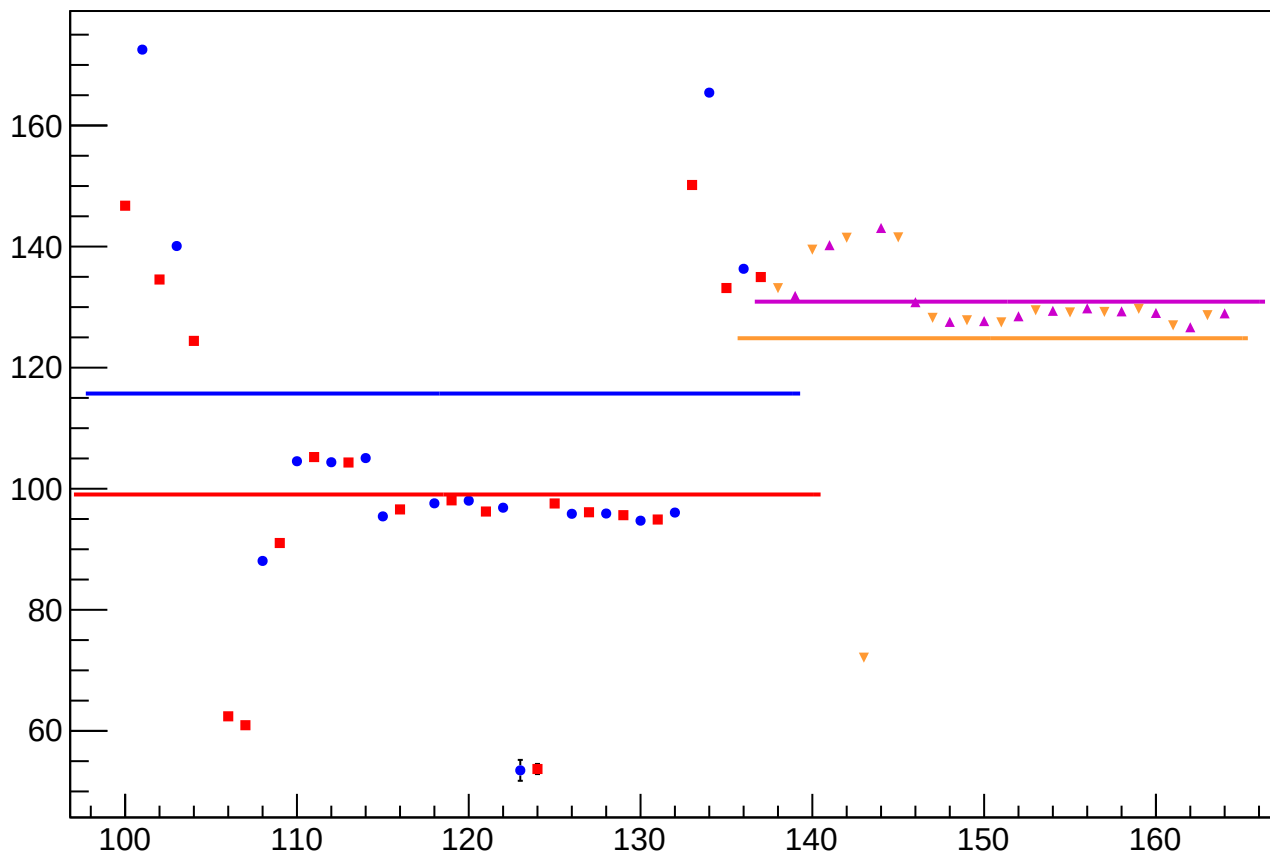
Left In: -74.528 $\pm$ 1.100 χ^2 /NDF: 266.8/12

+ sign -80.380 $\pm$ 0.812 χ^2 /NDF: 1352.9/30

All: -79.549 $\pm$ 0.580 χ^2 /NDF: 2437.7/62

- sign -78.683 $\pm$ 0.828 χ^2 /NDF: 1082.6/31

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: 124.859 $\pm$ 0.051 χ^2 /NDF: 141741.2/13

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

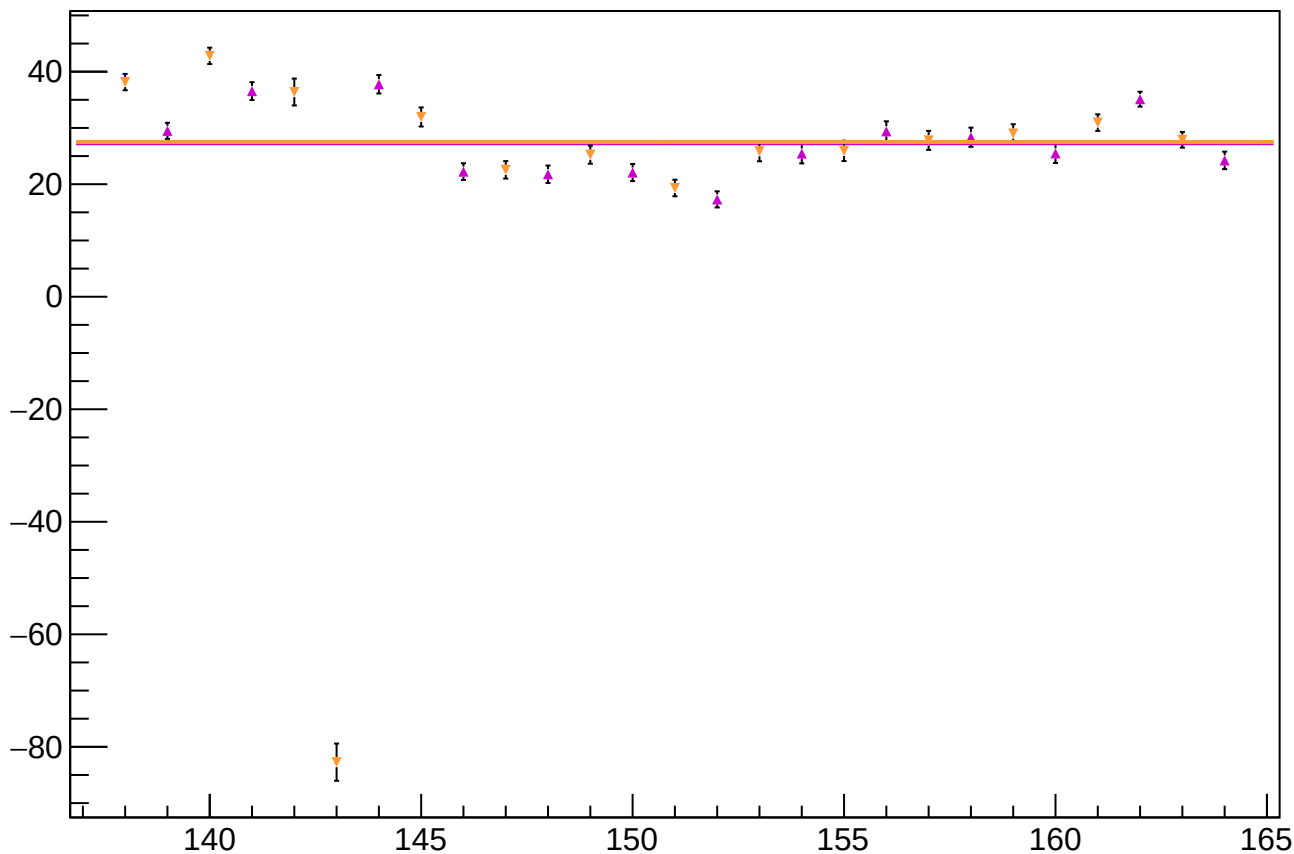
Left In: 130.901 $\pm$ 0.053 χ^2 /NDF: 7920.9/12

+ sign 122.118 $\pm$ 0.043 χ^2 /NDF: 257736.0/30

All: 120.545 $\pm$ 0.030 χ^2 /NDF: 577453.0/62

- sign 119.039 $\pm$ 0.042 χ^2 /NDF: 317063.2/31

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: 27.506+/-0.441 χ^2/NDF :1344.2/13

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

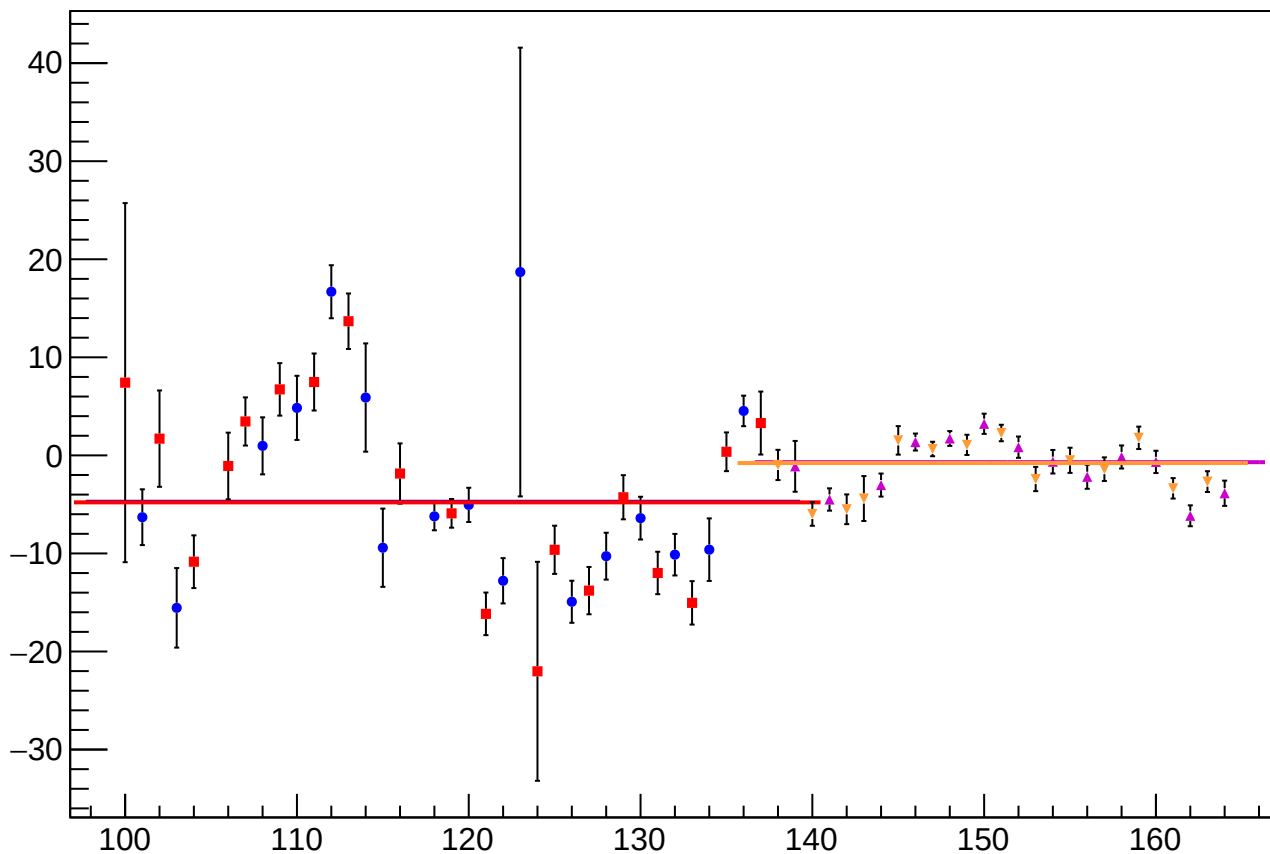
Left In: 27.282+/-0.432 χ^2/NDF :204.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.392+/-0.309 χ^2/NDF : 1548.5/26

- 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: -0.783 ± 0.302 χ^2/NDF : 70.0/13

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

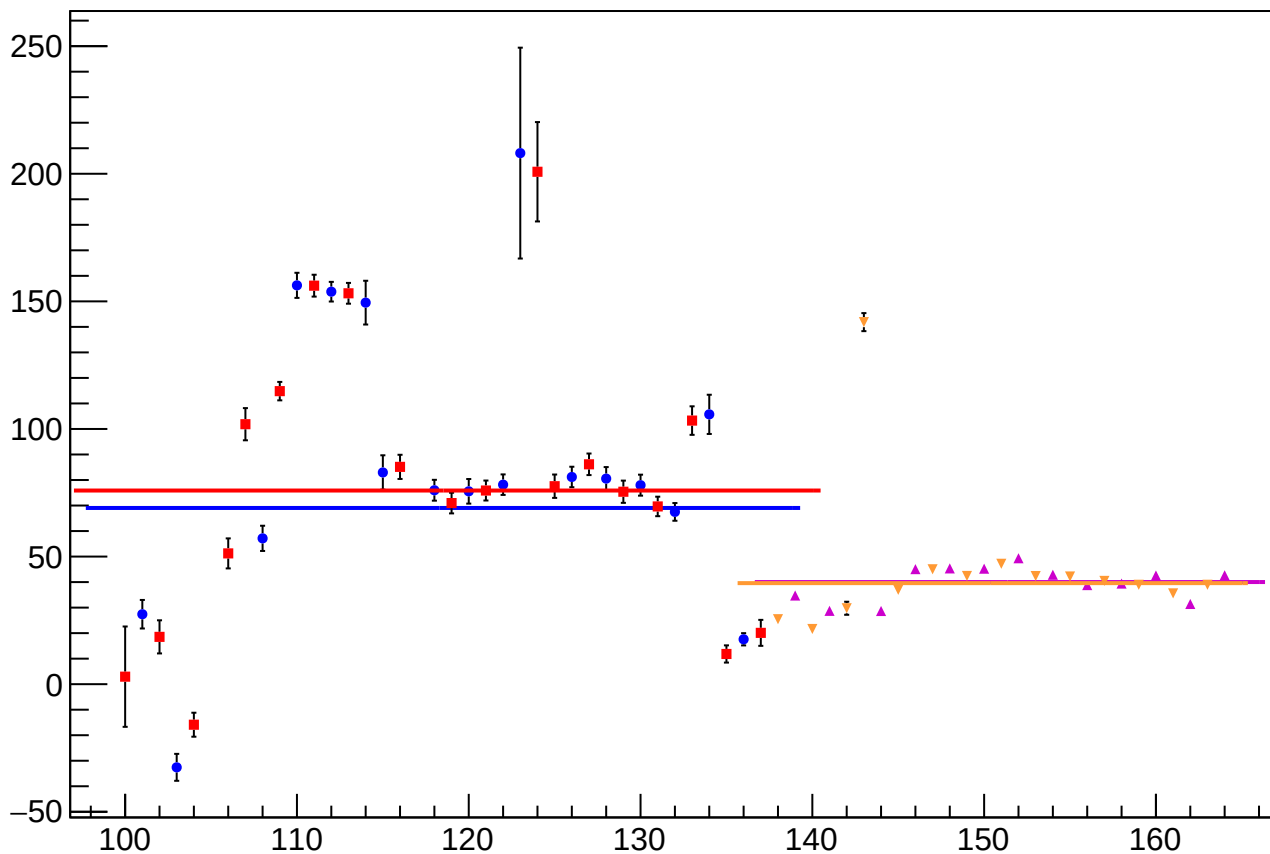
Left In: -0.694 ± 0.303 χ^2/NDF : 81.5/12

+ sign -1.628 ± 0.268 χ^2/NDF : 281.3/30

All: -1.595 ± 0.190 χ^2/NDF : 595.0/62

- sign -1.561 ± 0.269 χ^2/NDF : 313.6/31

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 $\pm$ 1.077 χ^2 /NDF: 1847.9/16

Left Out: 39.593 $\pm$ 0.430 χ^2 /NDF: 1129.4/13

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

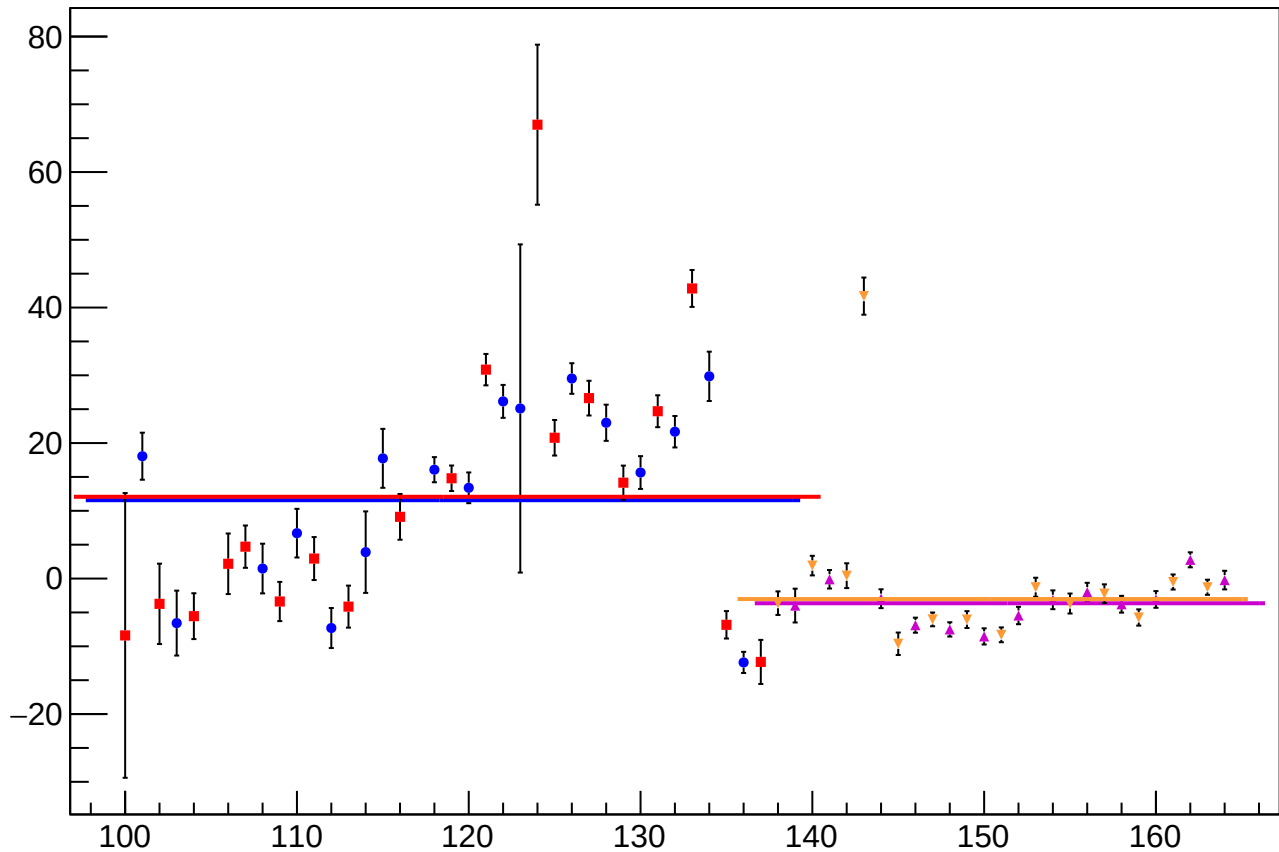
Left In: 40.020 $\pm$ 0.420 χ^2 /NDF: 238.4/12

+ sign 43.652 $\pm$ 0.400 χ^2 /NDF: 3622.6/30

All: 44.241 $\pm$ 0.279 χ^2 /NDF: 6734.4/62

- sign 44.804 $\pm$ 0.391 χ^2 /NDF: 3107.6/31

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -3.024 $\pm$ 0.357 χ^2 /NDF:349.6/13

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

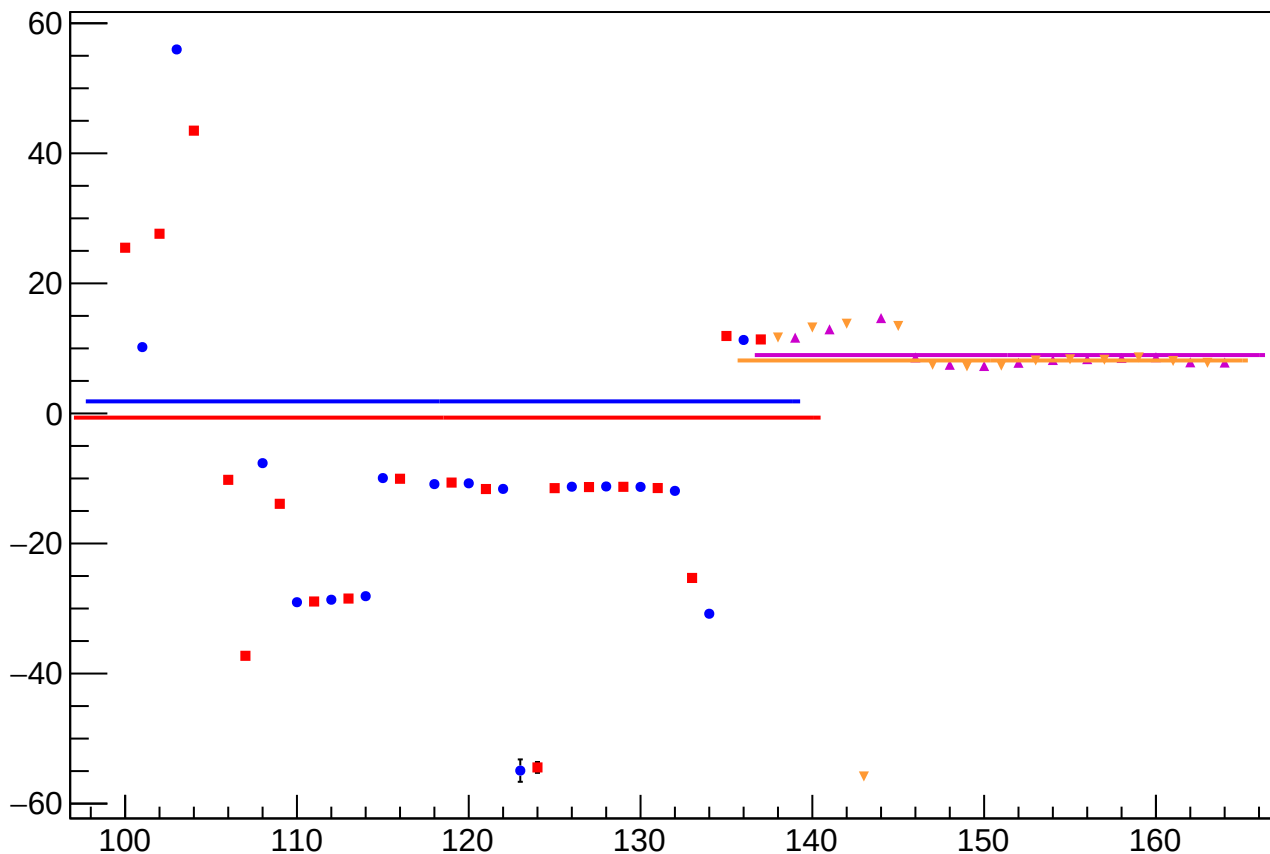
Left In: -3.645 $\pm$ 0.355 χ^2 /NDF:89.0/12

+ sign 0.287 $\pm$ 0.314 χ^2 /NDF: 1207.6/30

All: 0.067 $\pm$ 0.222 χ^2 /NDF: 2276.0/62

- sign -0.152 $\pm$ 0.313 χ^2 /NDF: 1067.4/31

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855 $\pm$ 0.037 χ^2 /NDF: 359414.1/16

Left Out: 8.146 $\pm$ 0.017 χ^2 /NDF: 222561.7/13

Right Out: -0.644 $\pm$ 0.037 χ^2 /NDF: 361625.7/18

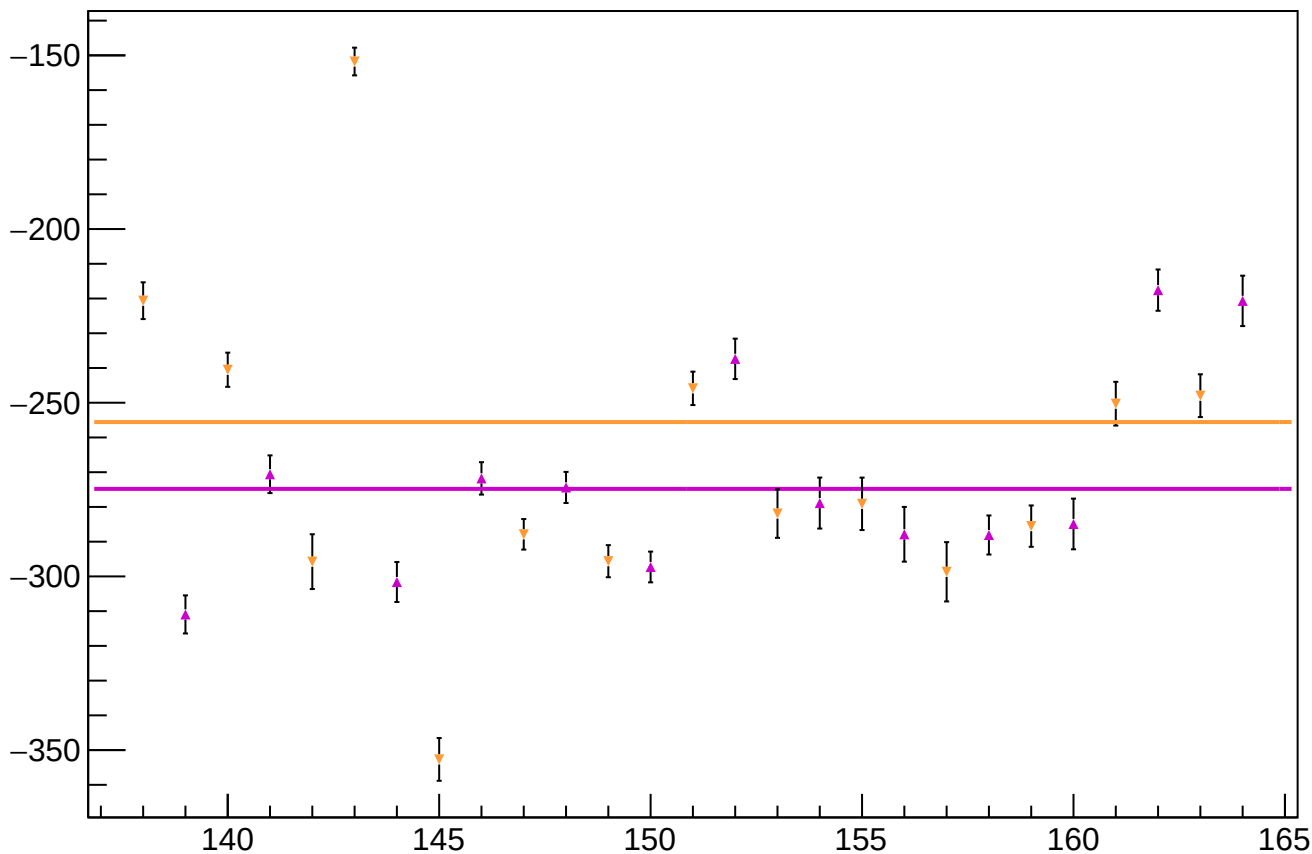
Left In: 8.976 $\pm$ 0.016 χ^2 /NDF: 14330.1/12

+ sign 7.070 $\pm$ 0.015 χ^2 /NDF: 605943.9/30

All: 7.237 $\pm$ 0.011 χ^2 /NDF: 1038480.8/62

- sign 7.397 $\pm$ 0.015 χ^2 /NDF: 432304.4/31

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: -255.565+/-1.482 χ^2/NDF :1214.7/13

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

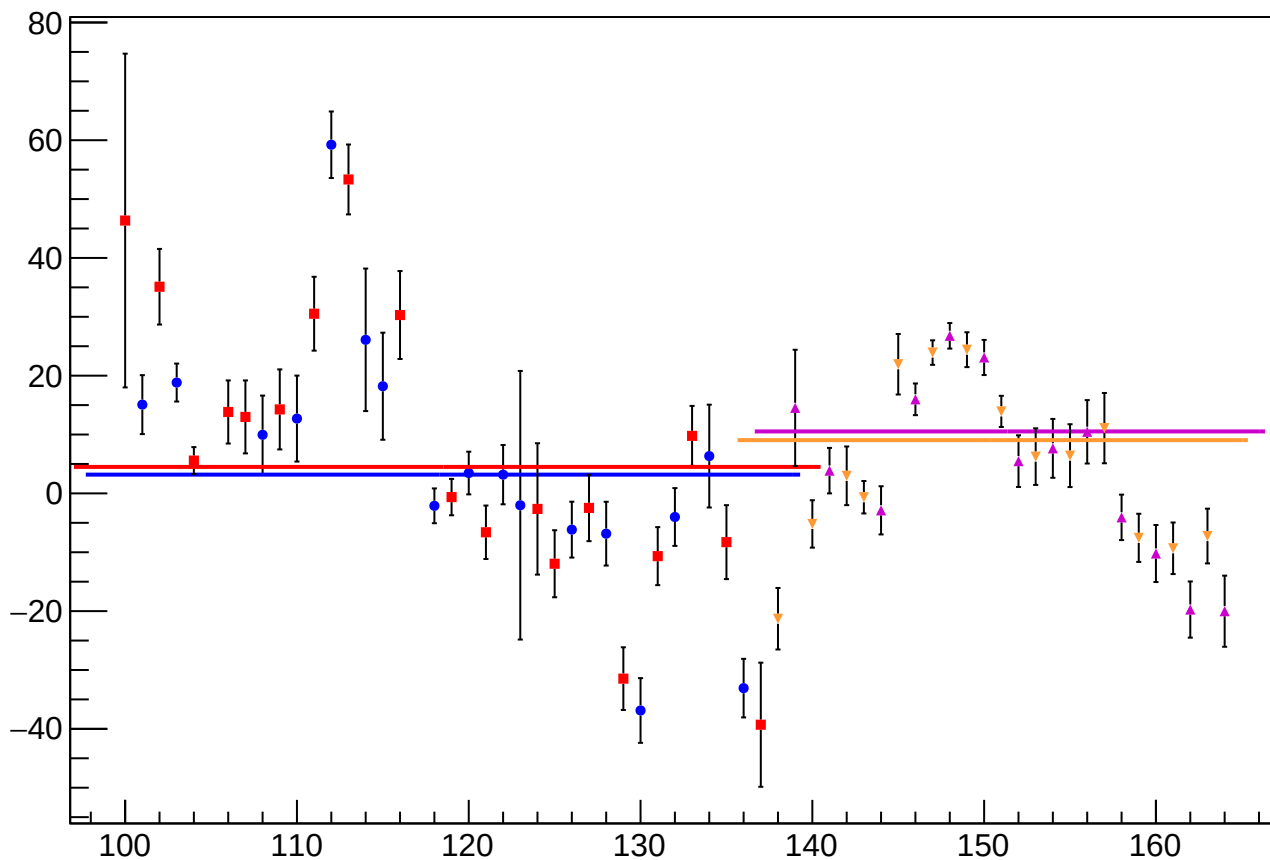
Left In: -274.804+/-1.569 χ^2/NDF :292.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.633+/-1.077 χ^2/NDF : 1586.4/26

- 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: 9.046 ± 0.971 χ^2/NDF : 194.8/13

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

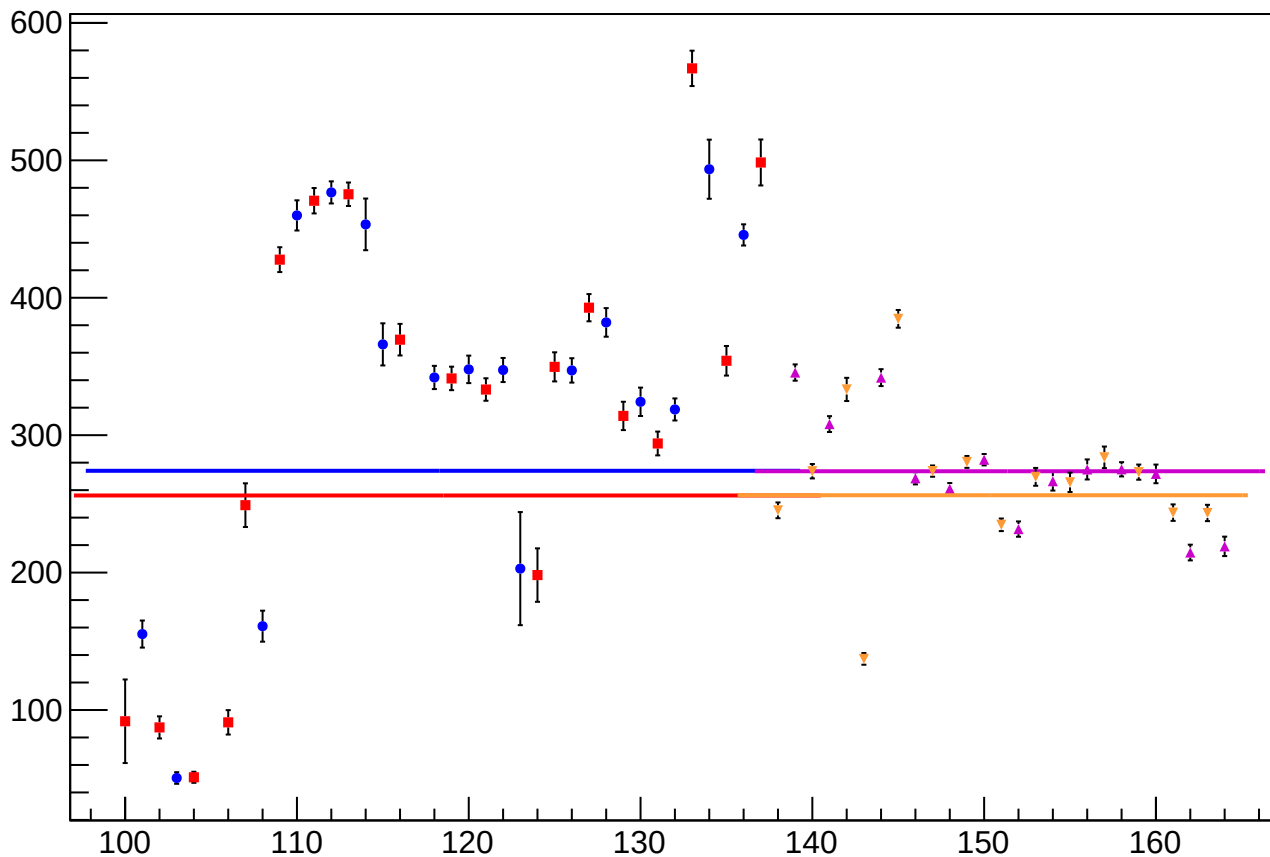
Left In: 10.527 ± 1.050 χ^2/NDF : 191.7/12

+ sign 6.786 ± 0.761 χ^2/NDF : 464.5/30

All: 7.287 ± 0.544 χ^2/NDF : 897.4/62

- sign 7.810 ± 0.778 χ^2/NDF : 432.0/31

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: 256.287 $\pm$ 1.459 χ^2 /NDF:1384.1/13

Right Out: 256.109 $\pm$ 2.080 χ^2 /NDF: 6444.1/18

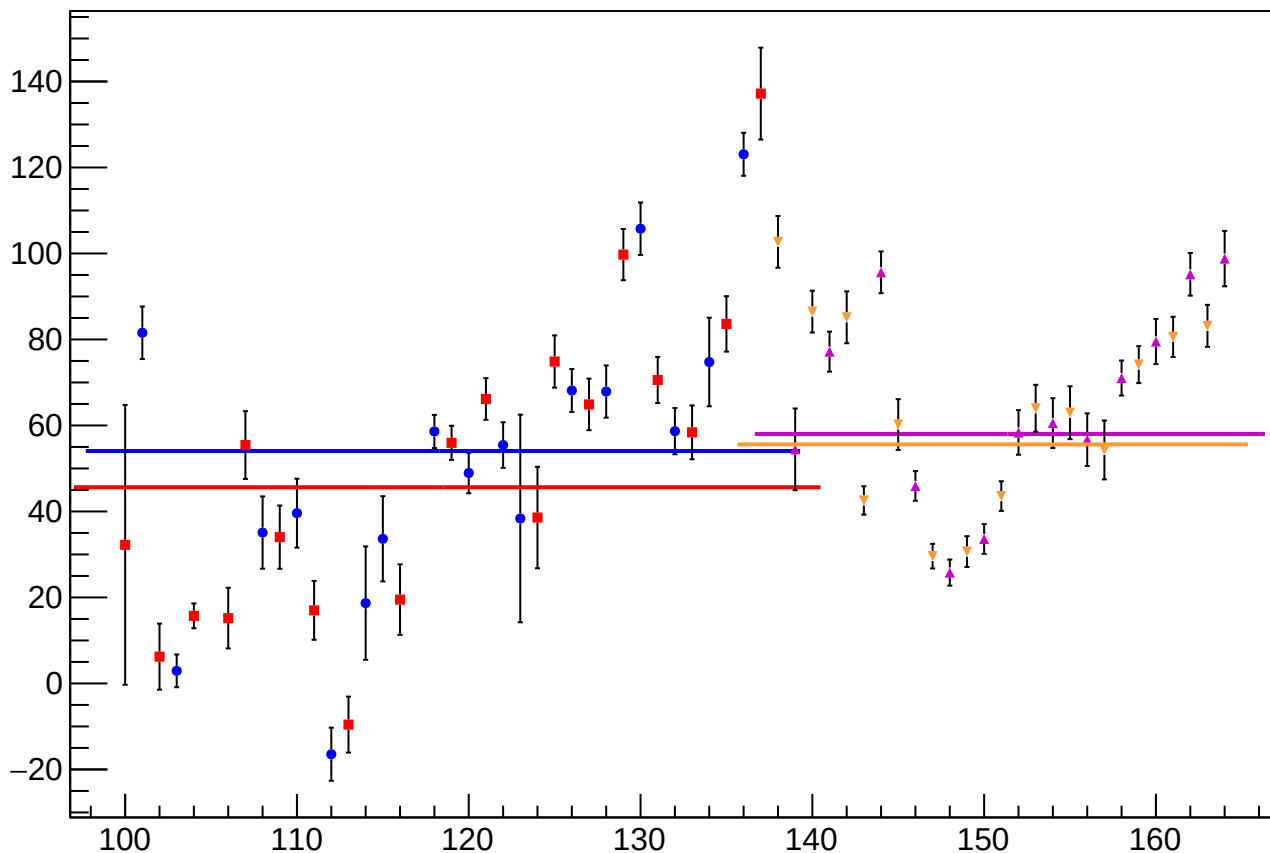
Left In: 273.749 $\pm$ 1.521 χ^2 /NDF:544.2/12

+ sign 261.755 $\pm$ 1.215 χ^2 /NDF: 6541.7/30

All: 264.647 $\pm$ 0.864 χ^2 /NDF: 13588.3/62

- sign 267.603 $\pm$ 1.228 χ^2 /NDF: 7035.1/31

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: 55.592 $\pm$ 1.175 χ^2 /NDF:367.3/13

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

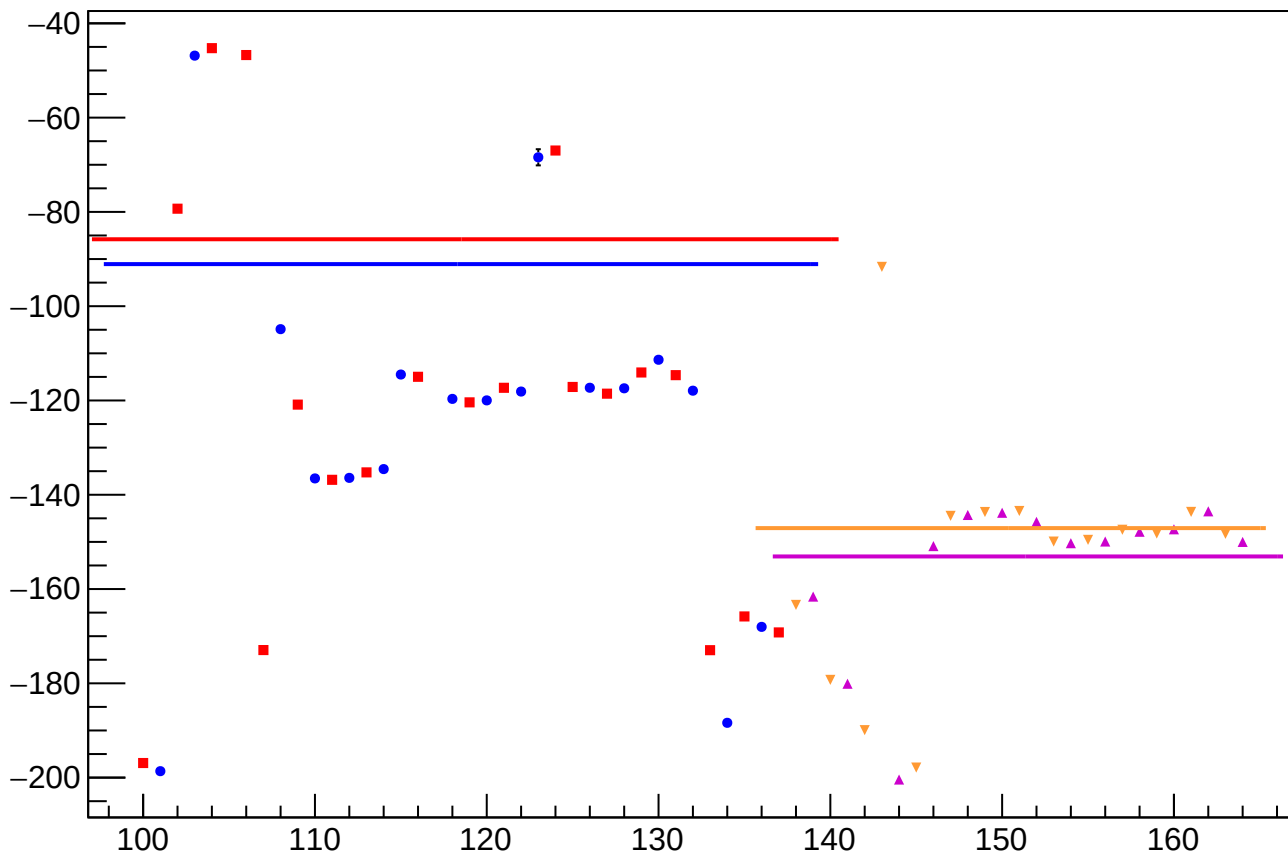
Left In: 58.021 $\pm$ 1.260 χ^2 /NDF:375.1/12

+ sign 54.972 $\pm$ 0.905 χ^2 /NDF: 1002.4/30

All: 53.662 $\pm$ 0.647 χ^2 /NDF: 1957.2/62

- sign 52.299 $\pm$ 0.924 χ^2 /NDF: 950.5/31

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 ± 0.068 χ^2/NDF : 534647.5/16

Left Out: -147.074 ± 0.059 χ^2/NDF : 187072.7/13

Right Out: -85.803 ± 0.065 χ^2/NDF : 495895.1/18

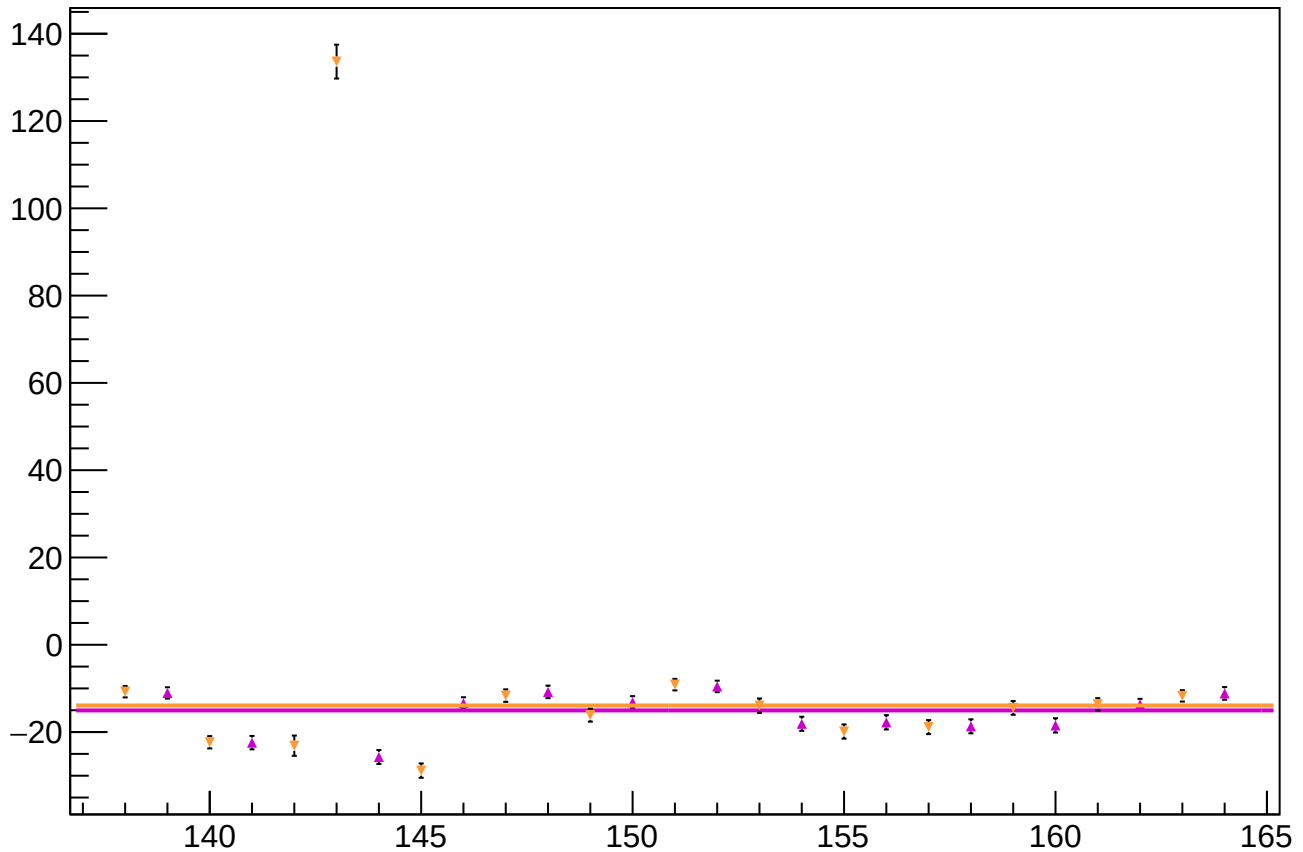
Left In: -153.086 ± 0.061 χ^2/NDF : 55756.2/12

+ sign -122.974 ± 0.044 χ^2/NDF : 1113464.0/30

All: -122.391 ± 0.031 χ^2/NDF : 2238084.5/62

- sign -121.806 ± 0.044 χ^2/NDF : 1124273.1/31

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.906+/-0.414 χ^2/NDF :1627.8/13

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

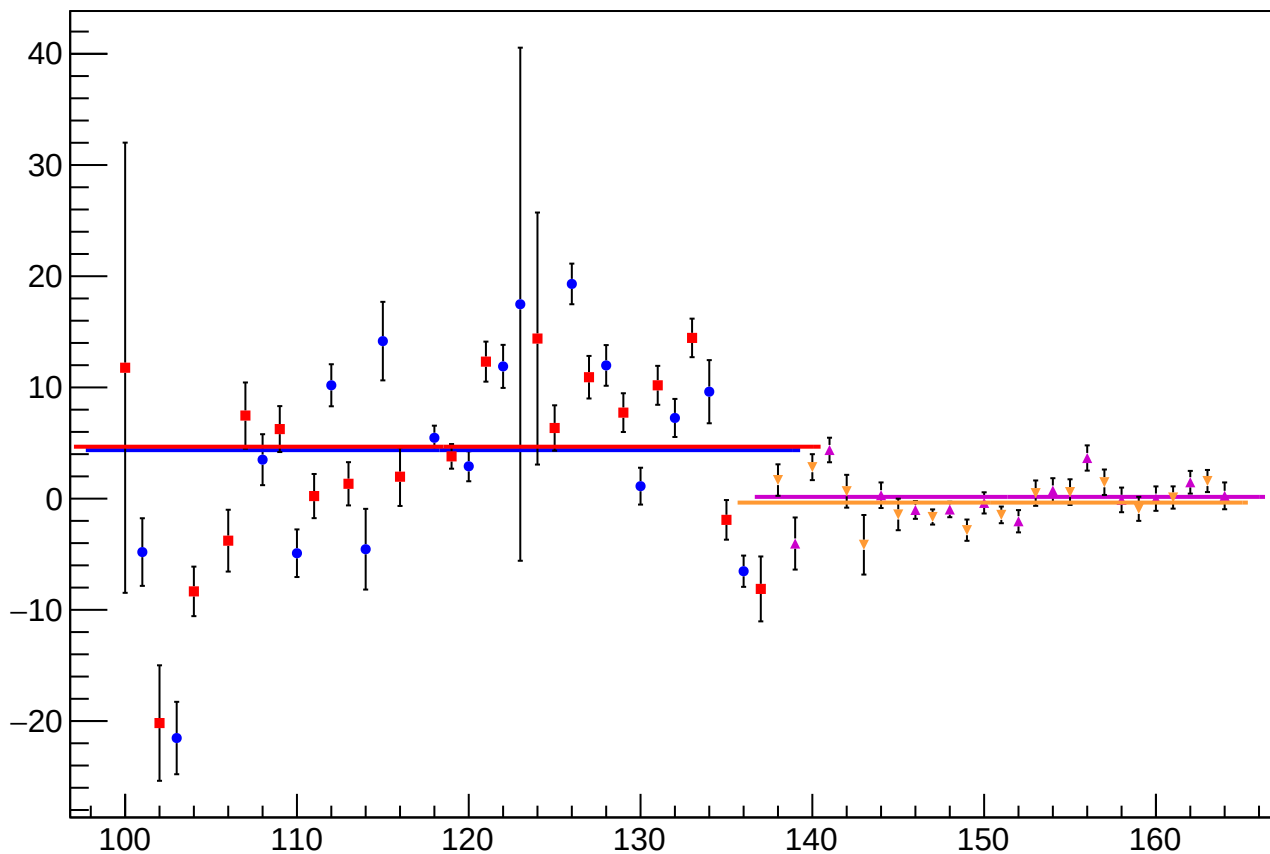
Left In: -15.038+/-0.405 χ^2/NDF :130.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.484+/-0.289 χ^2/NDF : 1761.7/26

- 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: -0.356 ± 0.283 χ^2/NDF : 33.1/13

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

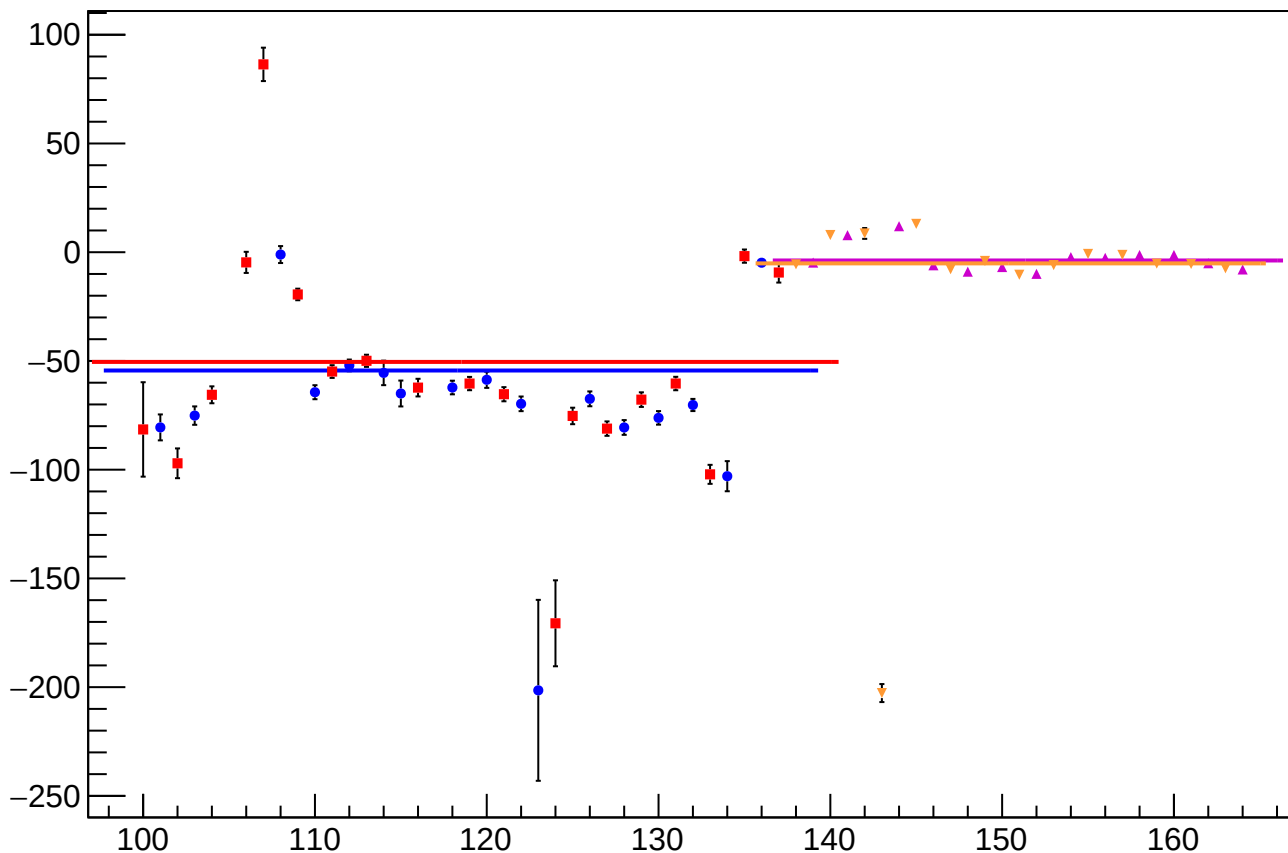
Left In: 0.158 ± 0.284 χ^2/NDF : 39.2/12

+ sign 0.920 ± 0.241 χ^2/NDF : 394.9/30

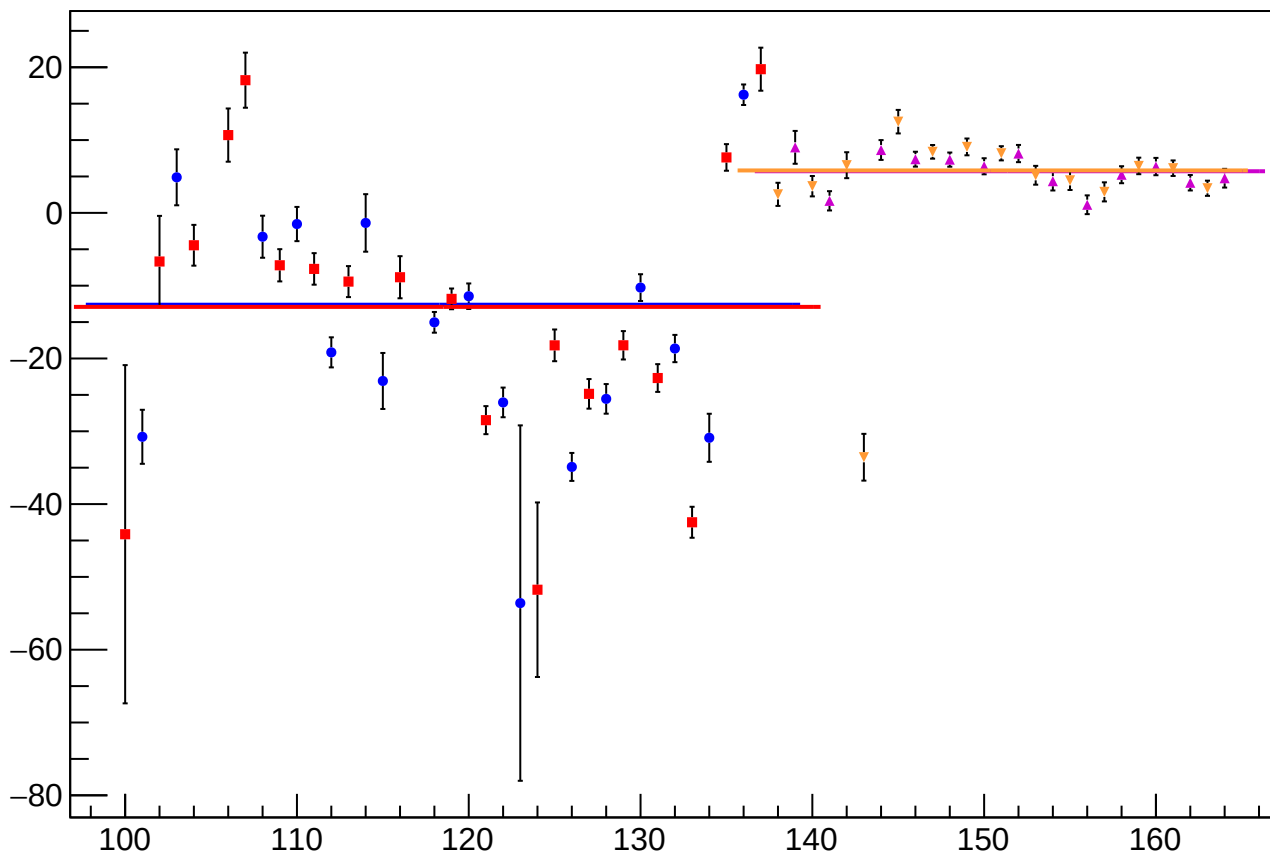
All: 1.133 ± 0.172 χ^2/NDF : 687.7/62

- sign 1.352 ± 0.244 χ^2/NDF : 291.2/31

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 5.828 ± 0.334 χ^2/NDF : 207.8/13

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

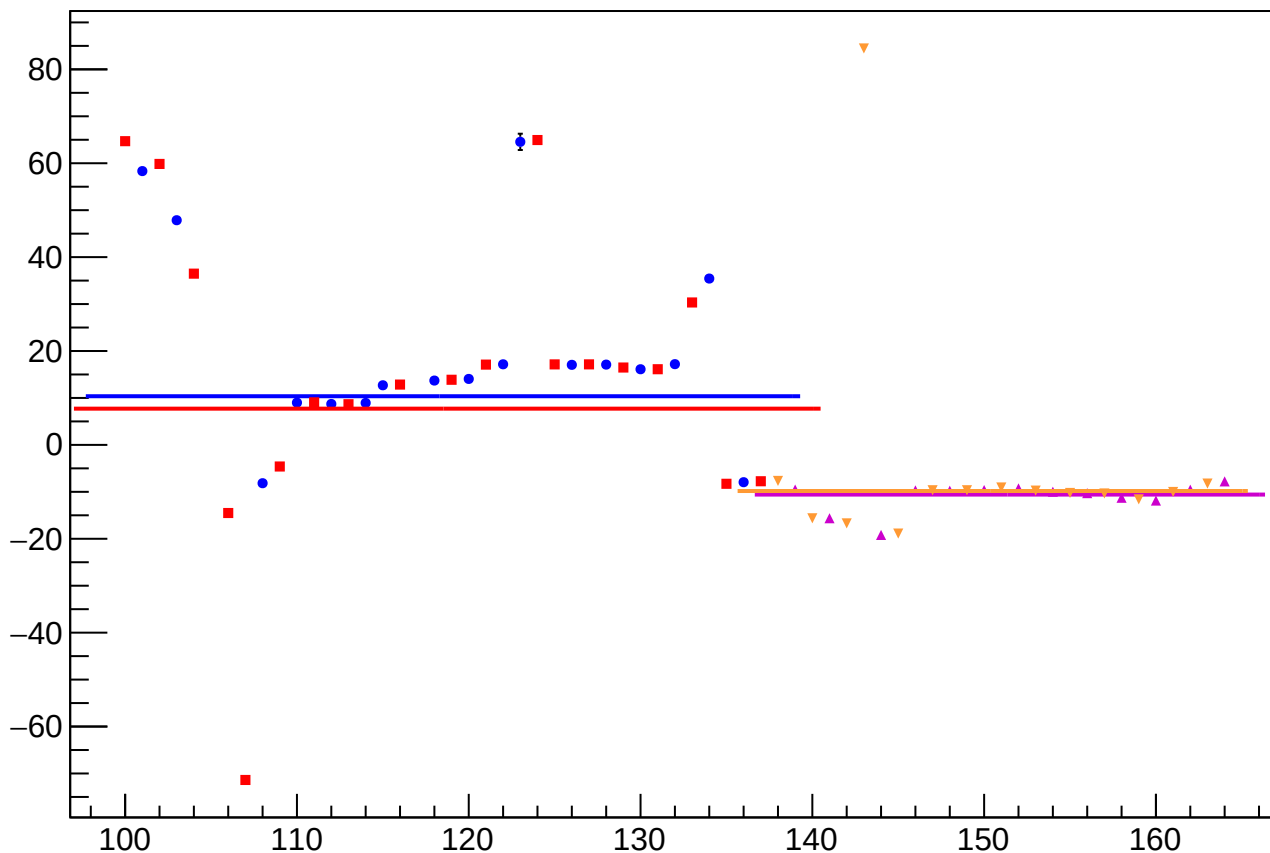
Left In: 5.717 ± 0.333 χ^2/NDF : 43.1/12

+ sign 0.586 ± 0.283 χ^2/NDF : 1862.3/30

All: 0.568 ± 0.200 χ^2/NDF : 3501.4/62

- sign 0.549 ± 0.283 χ^2/NDF : 1639.1/31

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366+/-0.031 χ^2/NDF : 381003.5/16

Left Out: -9.827+/-0.016 χ^2/NDF : 356891.9/13

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

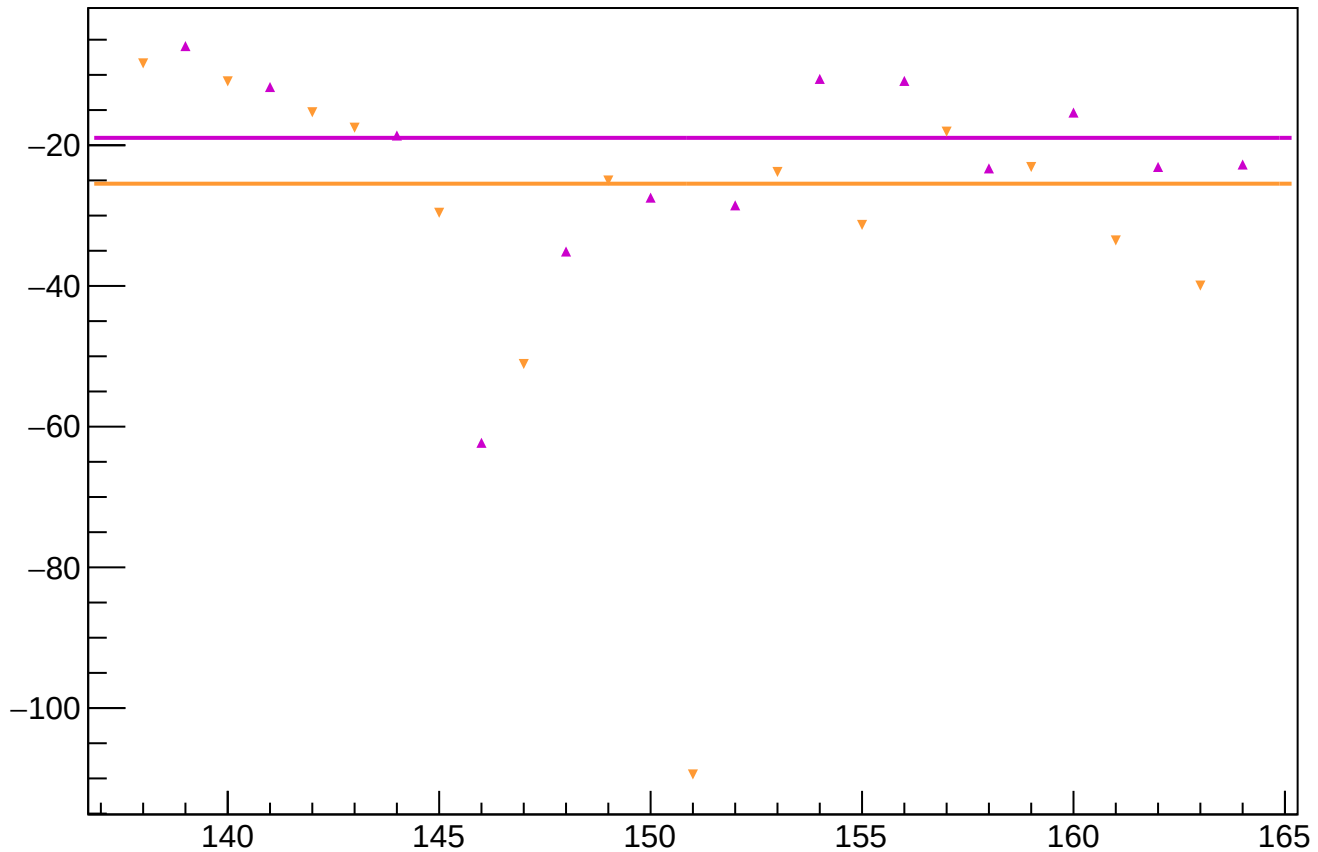
Left In: -10.585+/-0.015 χ^2/NDF : 24335.4/12

+ sign -5.595+/-0.014 χ^2/NDF : 1083519.3/30

All: -6.320+/-0.010 χ^2/NDF : 1934493.7/62

- sign -7.024+/-0.014 χ^2/NDF : 845672.6/31

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -25.466+/-0.069 χ^2/NDF : 56399.6/13

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

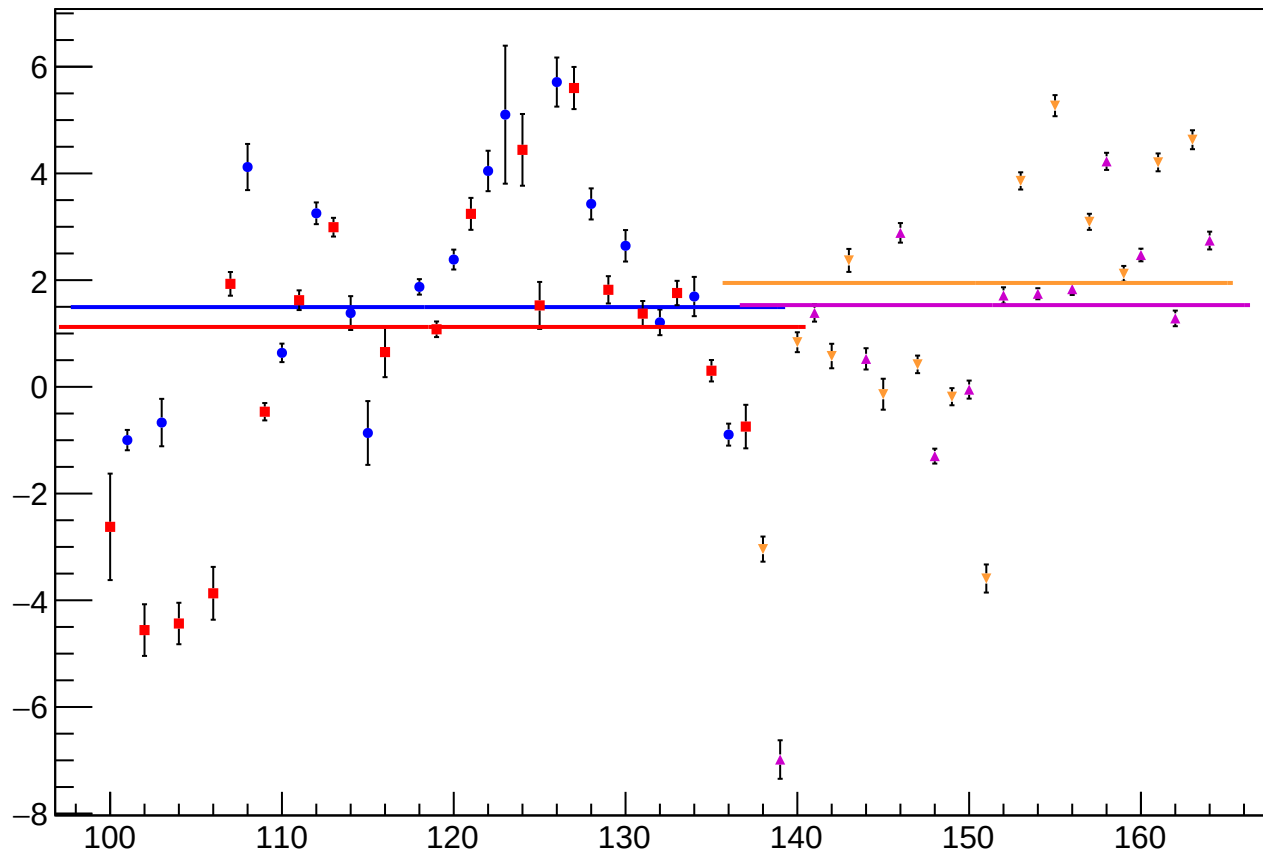
Left In: -18.950+/-0.057 χ^2/NDF : 37852.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.620+/-0.044 χ^2/NDF : 99526.3/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 ± 0.061 χ^2/NDF : 708.8/16

Left Out: 1.947 ± 0.049 χ^2/NDF : 2173.5/13

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

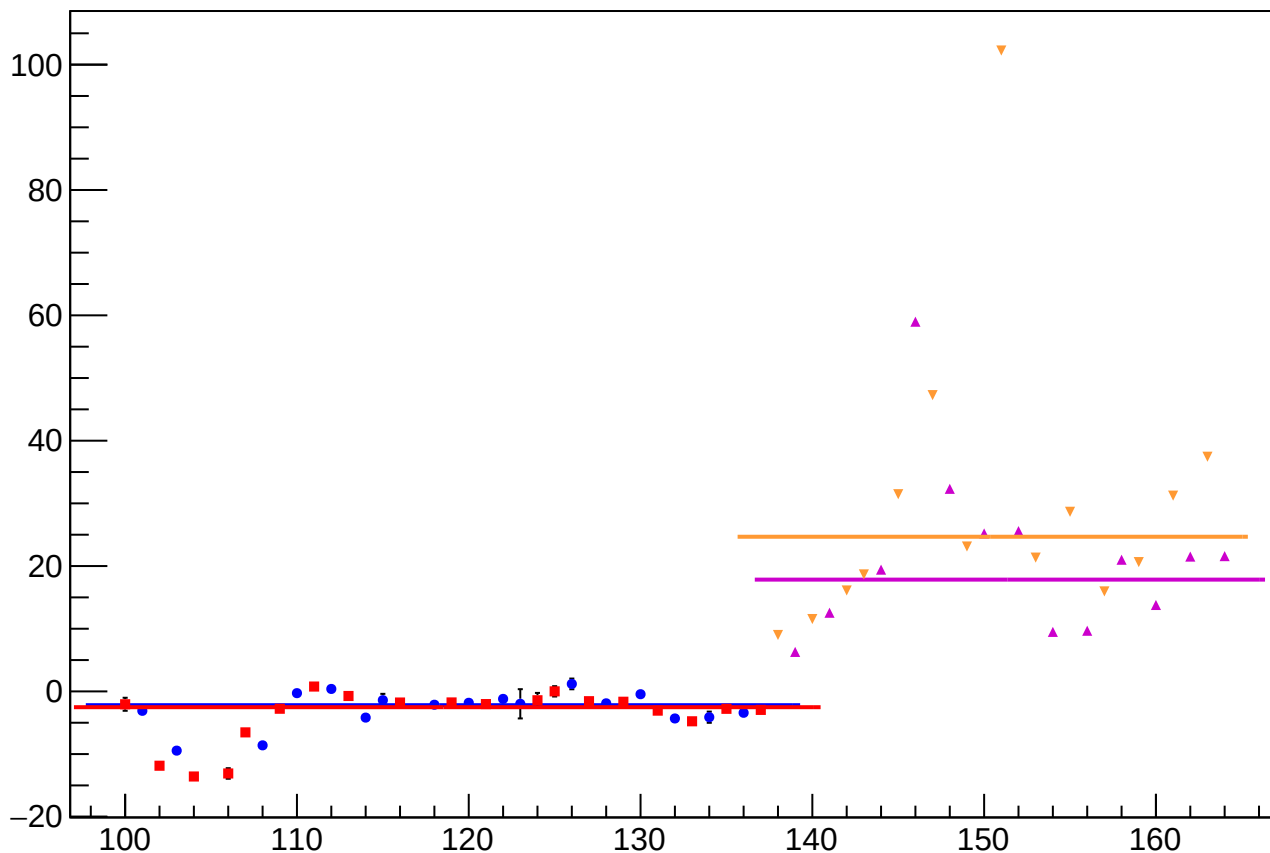
Left In: 1.532 ± 0.041 χ^2/NDF : 1549.2/12

+ sign 1.769 ± 0.038 χ^2/NDF : 2915.5/30

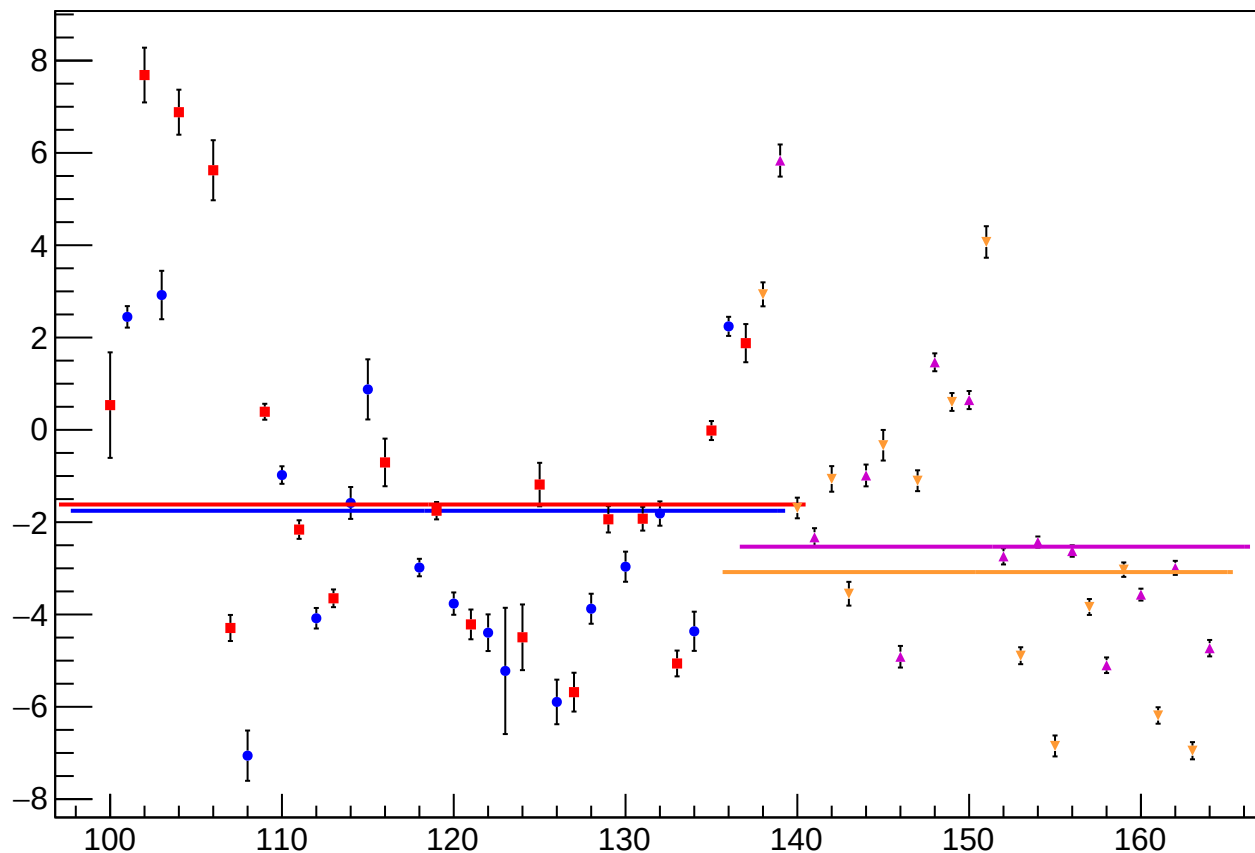
All: 1.558 ± 0.025 χ^2/NDF : 5497.7/62

- sign 1.397 ± 0.033 χ^2/NDF : 2528.8/31

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -3.081 ± 0.057 χ^2/NDF : 2706.3/13

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

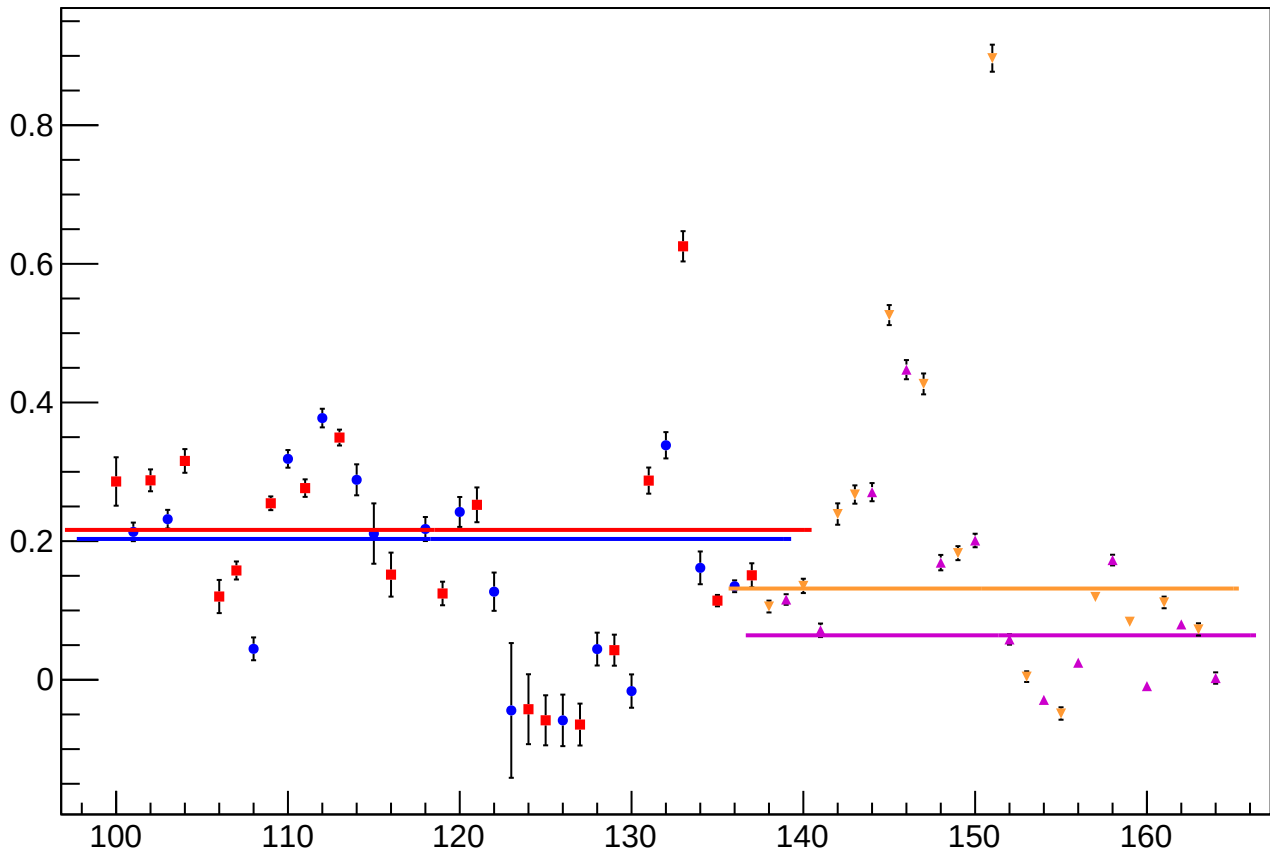
Left In: -2.531 ± 0.047 χ^2/NDF : 1874.3/12

+ sign -2.558 ± 0.044 χ^2/NDF : 4267.6/30

All: -2.367 ± 0.029 χ^2/NDF : 7790.6/62

- sign -2.225 ± 0.038 χ^2/NDF : 3490.5/31

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.132 ± 0.003 χ^2/NDF : 3626.9/13

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

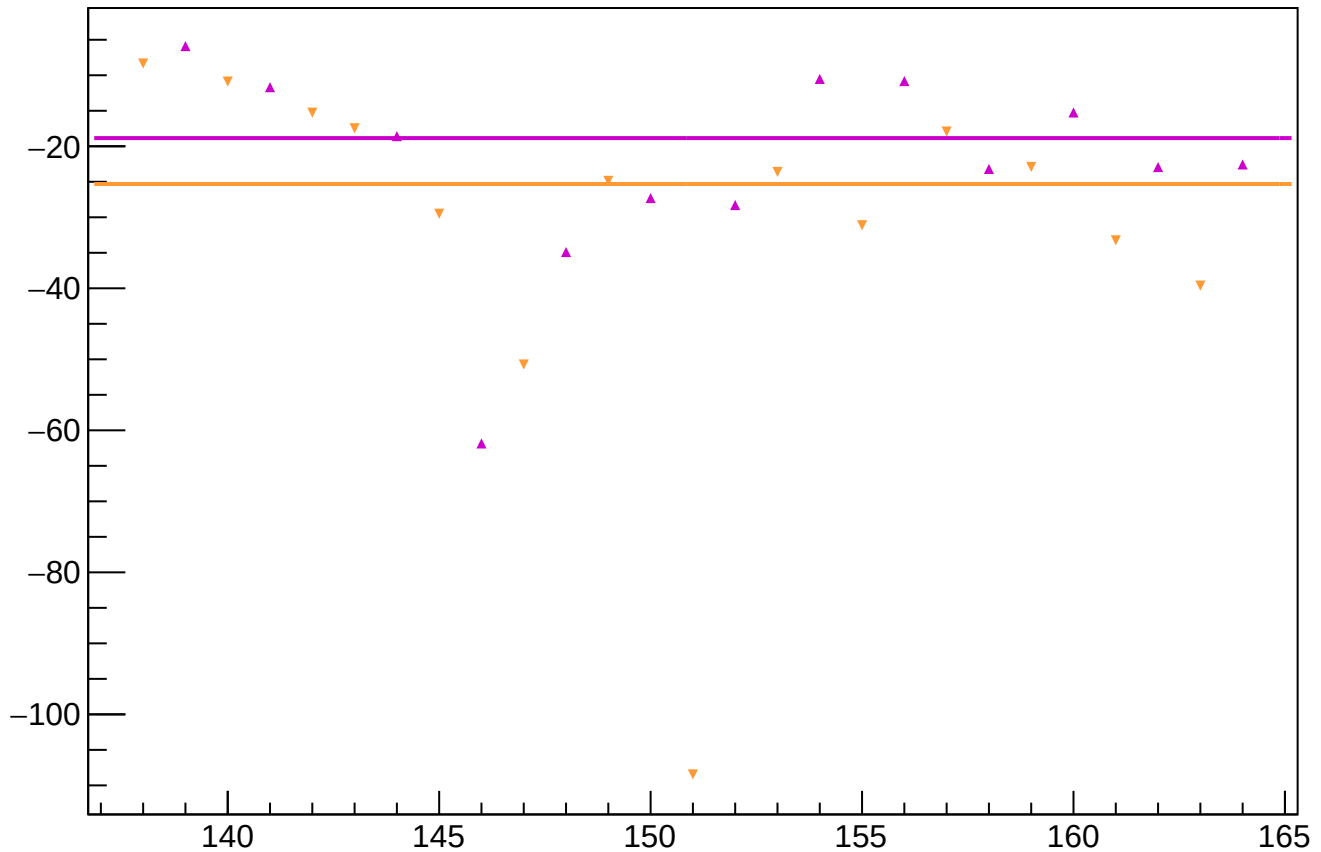
Left In: 0.064 ± 0.002 χ^2/NDF : 2182.3/12

+ sign 0.151 ± 0.002 χ^2/NDF : 4520.7/30

All: 0.121 ± 0.001 χ^2/NDF : 9406.1/62

- sign 0.100 ± 0.002 χ^2/NDF : 4548.3/31

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -25.317+/-0.068 χ^2/NDF : 56206.3/13

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

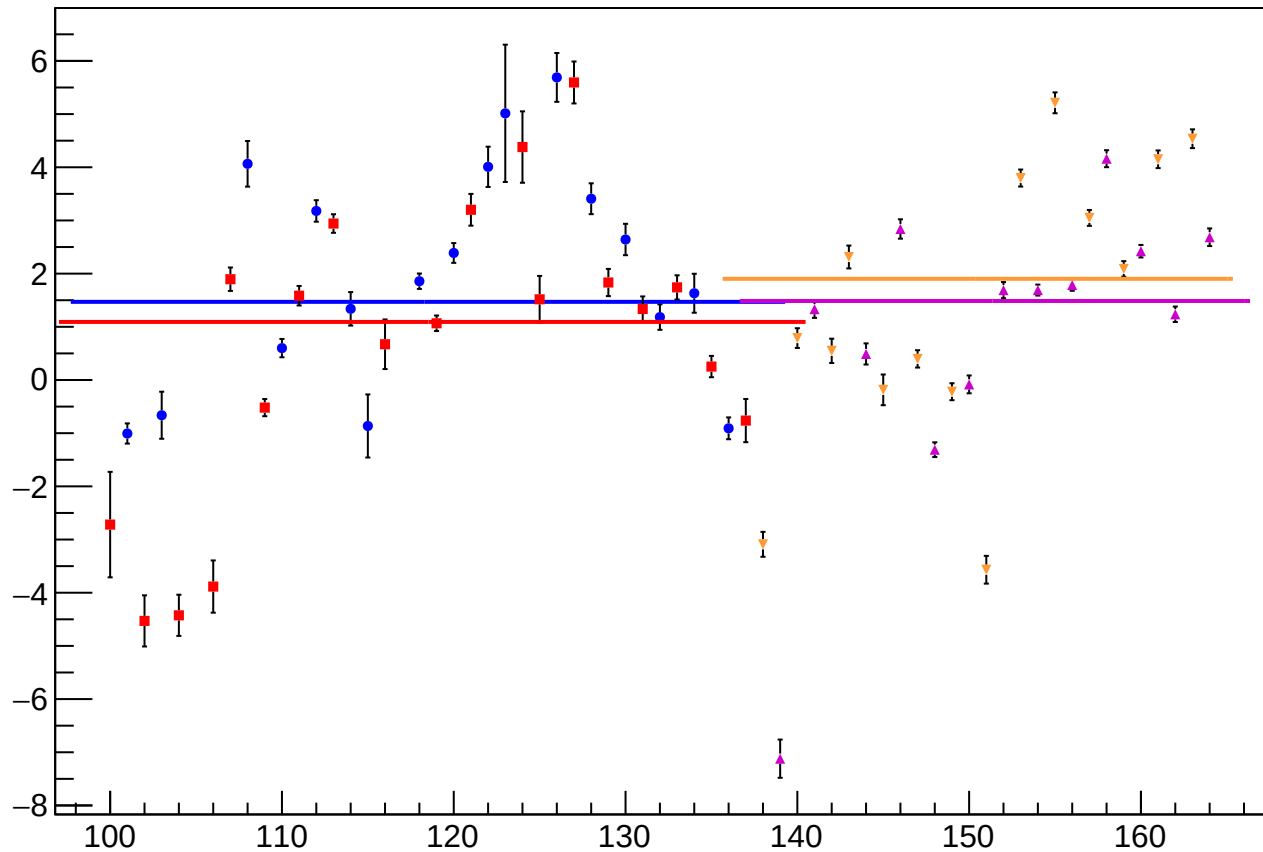
Left In: -18.848+/-0.057 χ^2/NDF : 37764.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.499+/-0.044 χ^2/NDF : 99234.1/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 ± 0.061 $\chi^2/\text{NDF}: 707.9/16$

Left Out: 1.903 ± 0.049 $\chi^2/\text{NDF}: 2173.0/13$

Right Out: 1.092 ± 0.058 $\chi^2/\text{NDF}: 952.1/18$

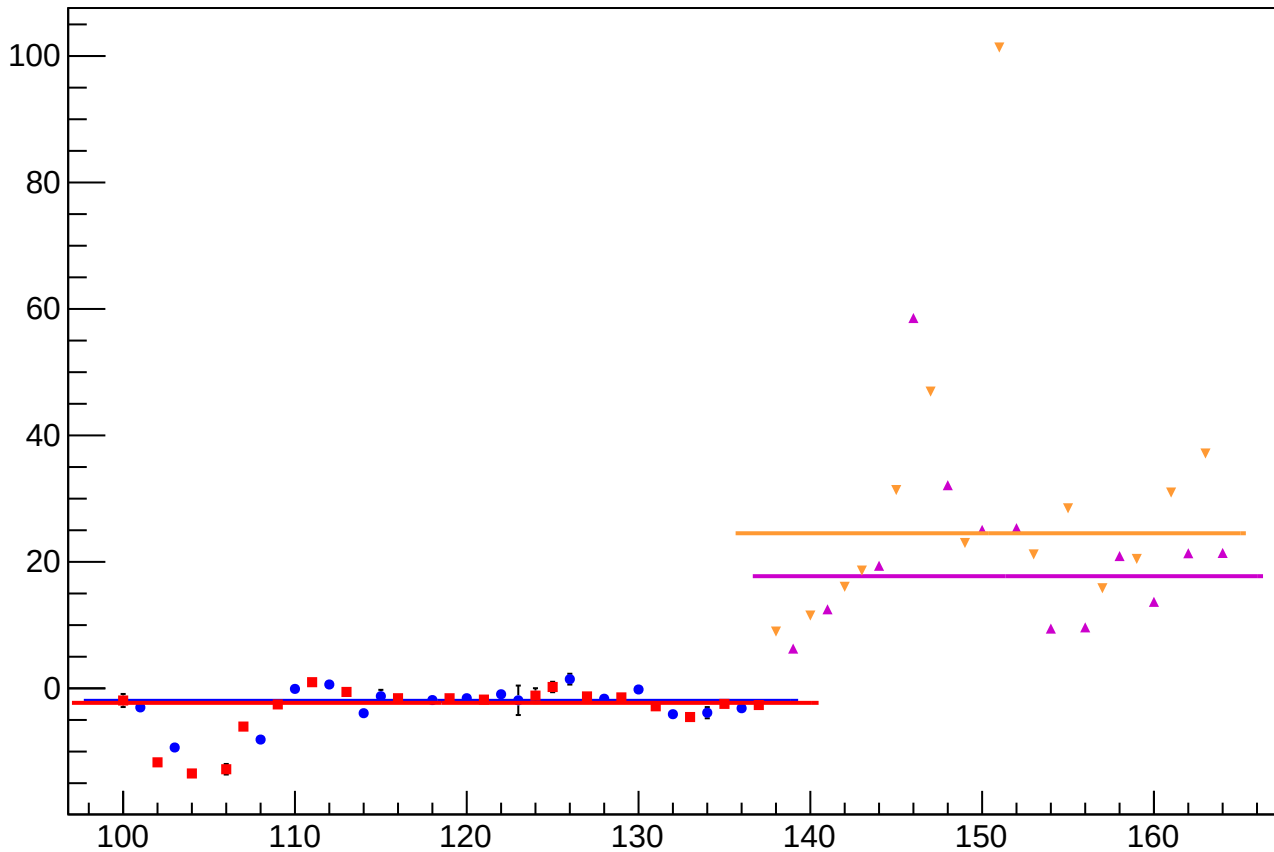
Left In: 1.486 ± 0.041 $\chi^2/\text{NDF}: 1561.0/12$

+ sign 1.732 ± 0.038 $\chi^2/\text{NDF}: 2911.7/30$

All: 1.518 ± 0.025 $\chi^2/\text{NDF}: 5511.0/62$

- sign 1.356 ± 0.033 $\chi^2/\text{NDF}: 2544.1/31$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 24.525 ± 0.067 χ^2/NDF : 50329.9/13

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

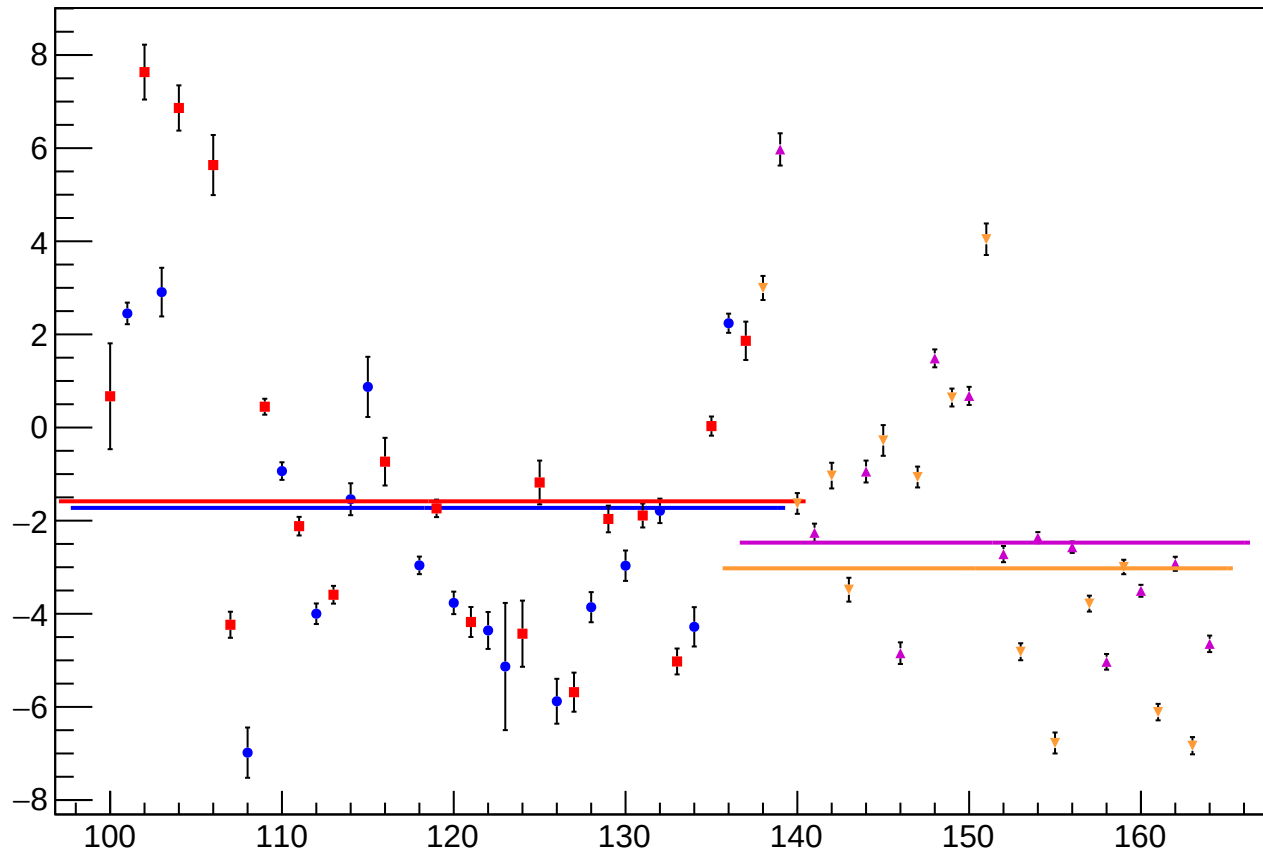
Left In: 17.737 ± 0.055 χ^2/NDF : 35640.7/12

+ sign 17.376 ± 0.057 χ^2/NDF : 93150.3/30

All: 14.802 ± 0.037 χ^2/NDF : 164762.6/62

- sign 12.995 ± 0.048 χ^2/NDF : 68159.1/31

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -3.023 ± 0.056 χ^2/NDF : 2704.5/13

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

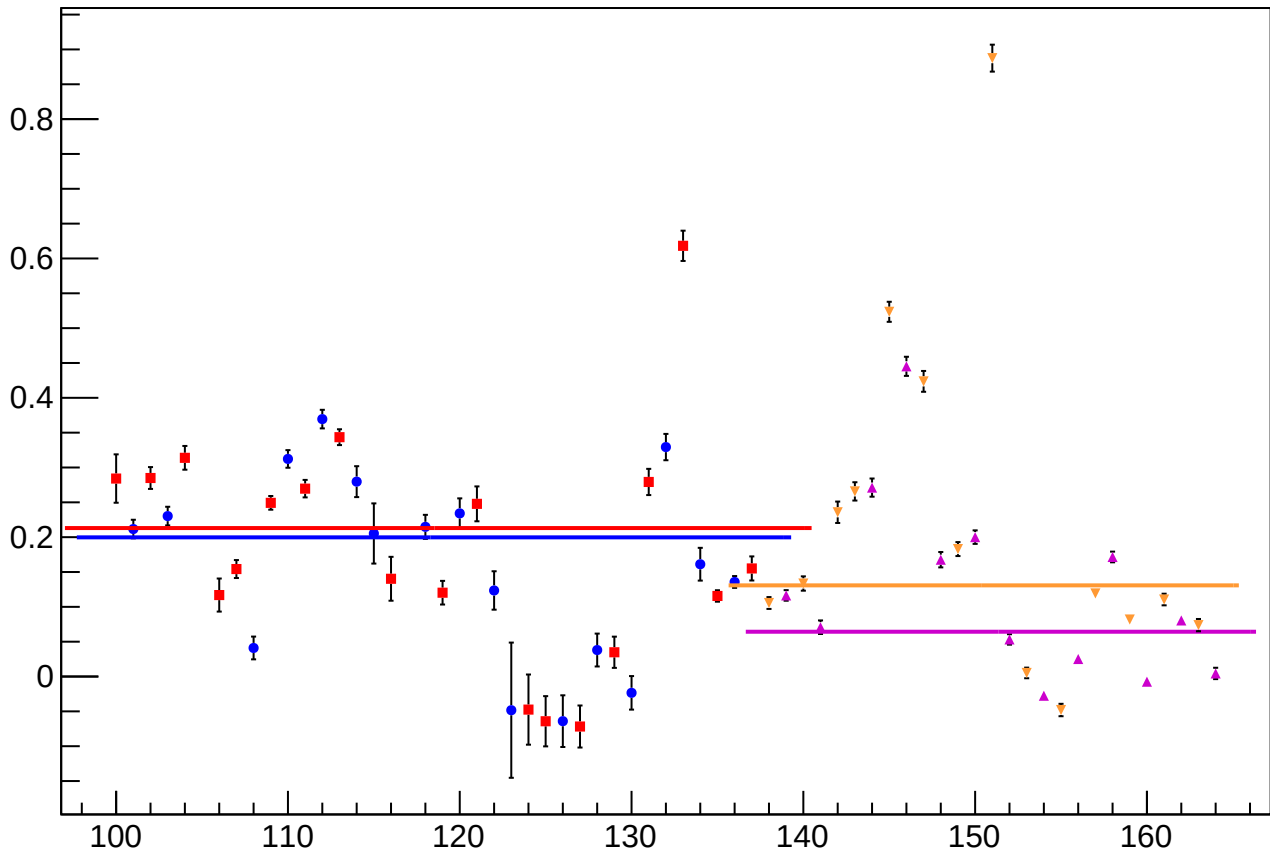
Left In: -2.472 ± 0.046 χ^2/NDF : 1887.9/12

+ sign -2.513 ± 0.044 χ^2/NDF : 4254.6/30

All: -2.319 ± 0.029 χ^2/NDF : 7791.9/62

- sign -2.176 ± 0.038 χ^2/NDF : 3503.4/31

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 $\pm$ 0.004 χ^2/NDF : 662.5/16

Left Out: 0.131 $\pm$ 0.003 χ^2/NDF : 3618.1/13

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1050.9/18

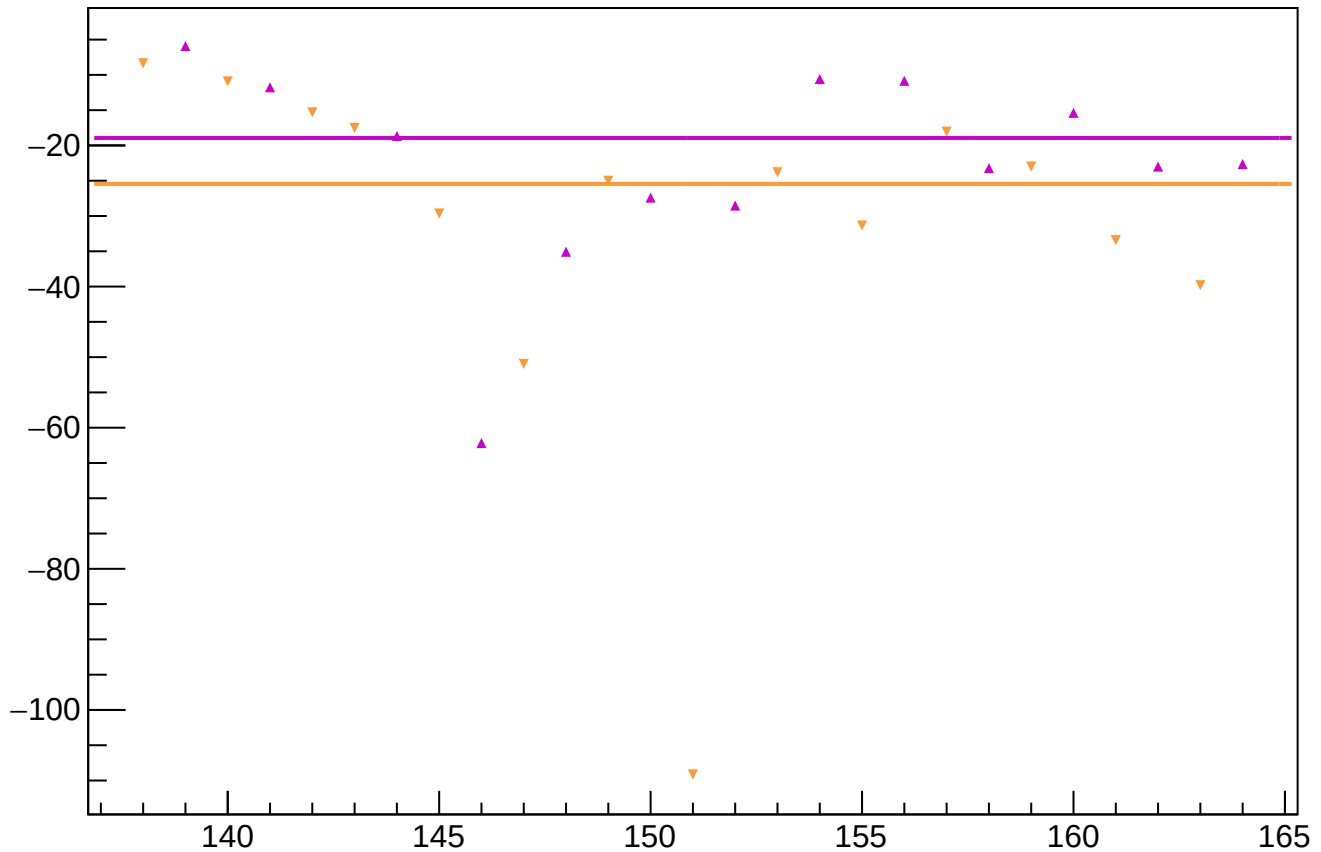
Left In: 0.064 $\pm$ 0.002 χ^2/NDF : 2173.3/12

+ sign 0.150 $\pm$ 0.002 χ^2/NDF : 4483.9/30

All: 0.120 $\pm$ 0.001 χ^2/NDF : 9293.8/62

- sign 0.099 $\pm$ 0.002 χ^2/NDF : 4480.5/31

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -25.451+/-0.069 χ^2/NDF : 56330.1/13

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

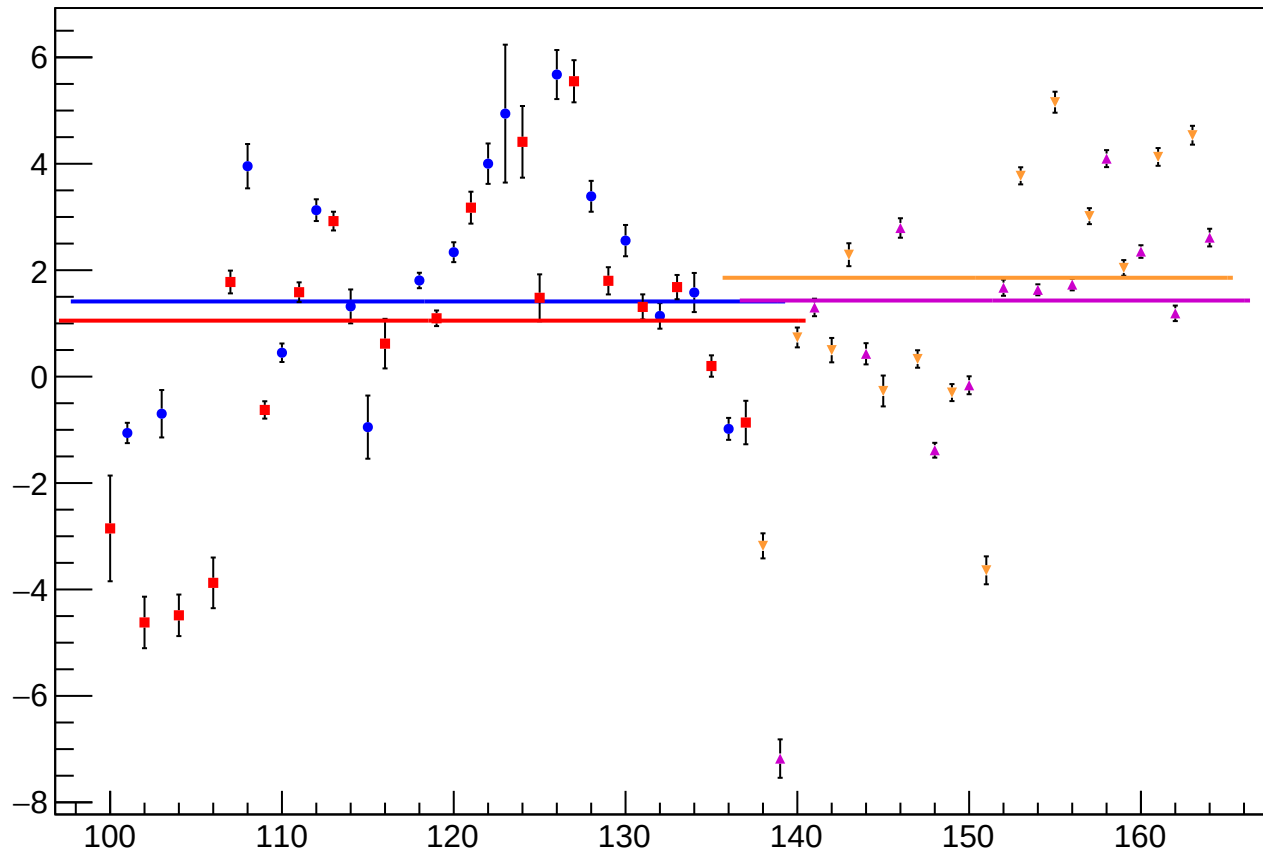
Left In: -18.938+/-0.057 χ^2/NDF : 37821.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.605+/-0.044 χ^2/NDF : 99444.3/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 ± 0.061 χ^2/NDF : 713.9/16

Left Out: 1.858 ± 0.049 χ^2/NDF : 2191.4/13

Right Out: 1.052 ± 0.058 χ^2/NDF : 963.3/18

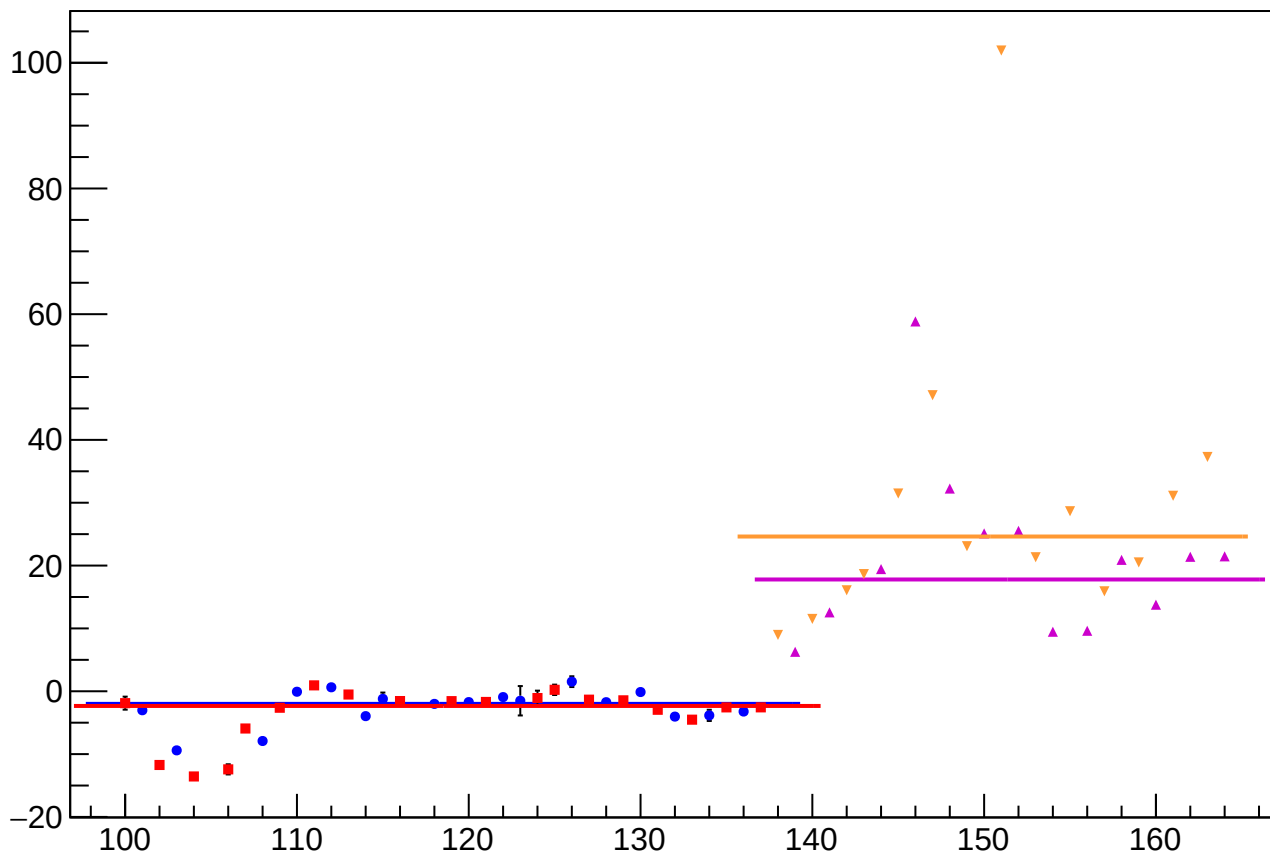
Left In: 1.430 ± 0.041 χ^2/NDF : 1553.0/12

+ sign 1.682 ± 0.038 χ^2/NDF : 2937.5/30

All: 1.468 ± 0.025 χ^2/NDF : 5537.3/62

- sign 1.305 ± 0.033 χ^2/NDF : 2544.7/31

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 24.622 ± 0.067 χ^2/NDF : 50435.5/13

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

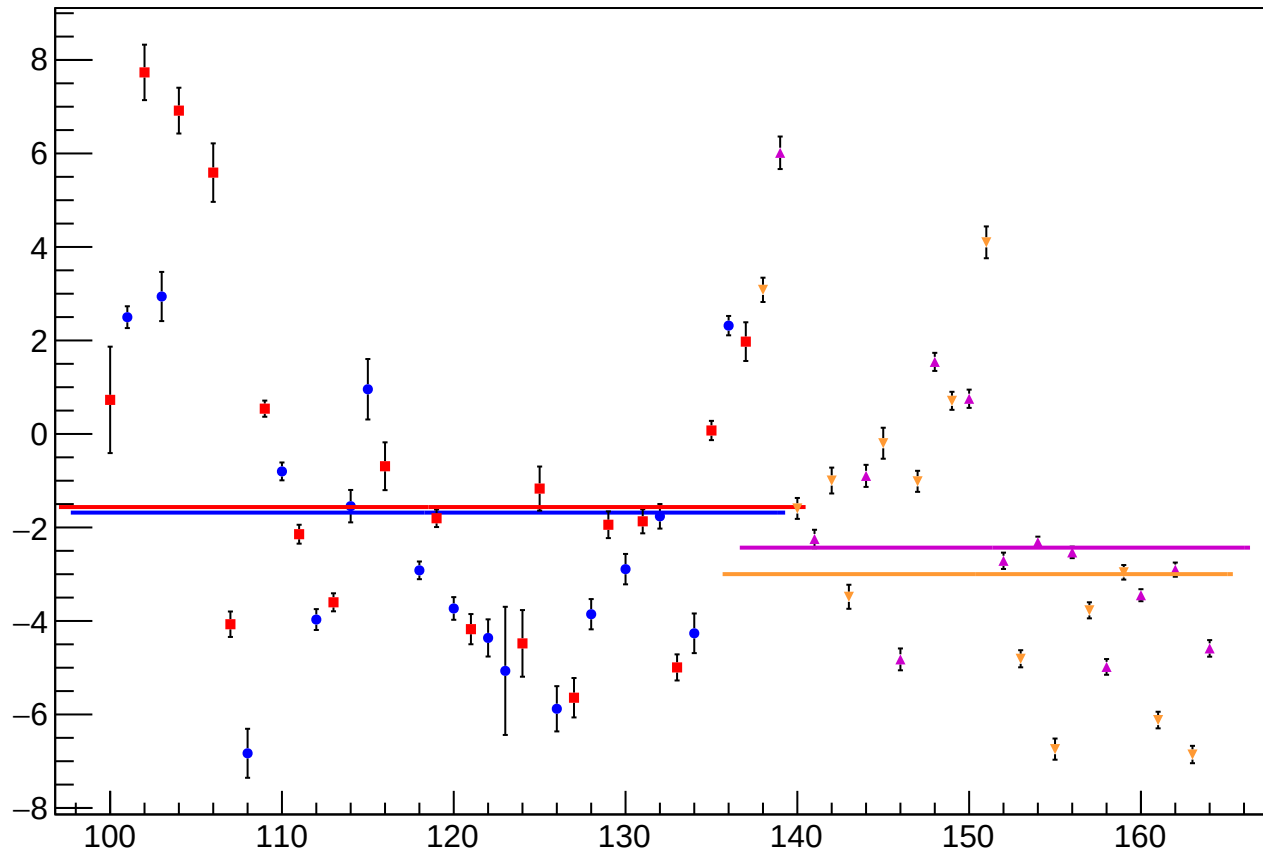
Left In: 17.787 ± 0.055 χ^2/NDF : 35707.5/12

+ sign 17.451 ± 0.057 χ^2/NDF : 93237.4/30

All: 14.854 ± 0.037 χ^2/NDF : 164937.9/62

- sign 13.033 ± 0.048 χ^2/NDF : 68219.8/31

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.998 ± 0.057 χ^2/NDF : 2729.1/13

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

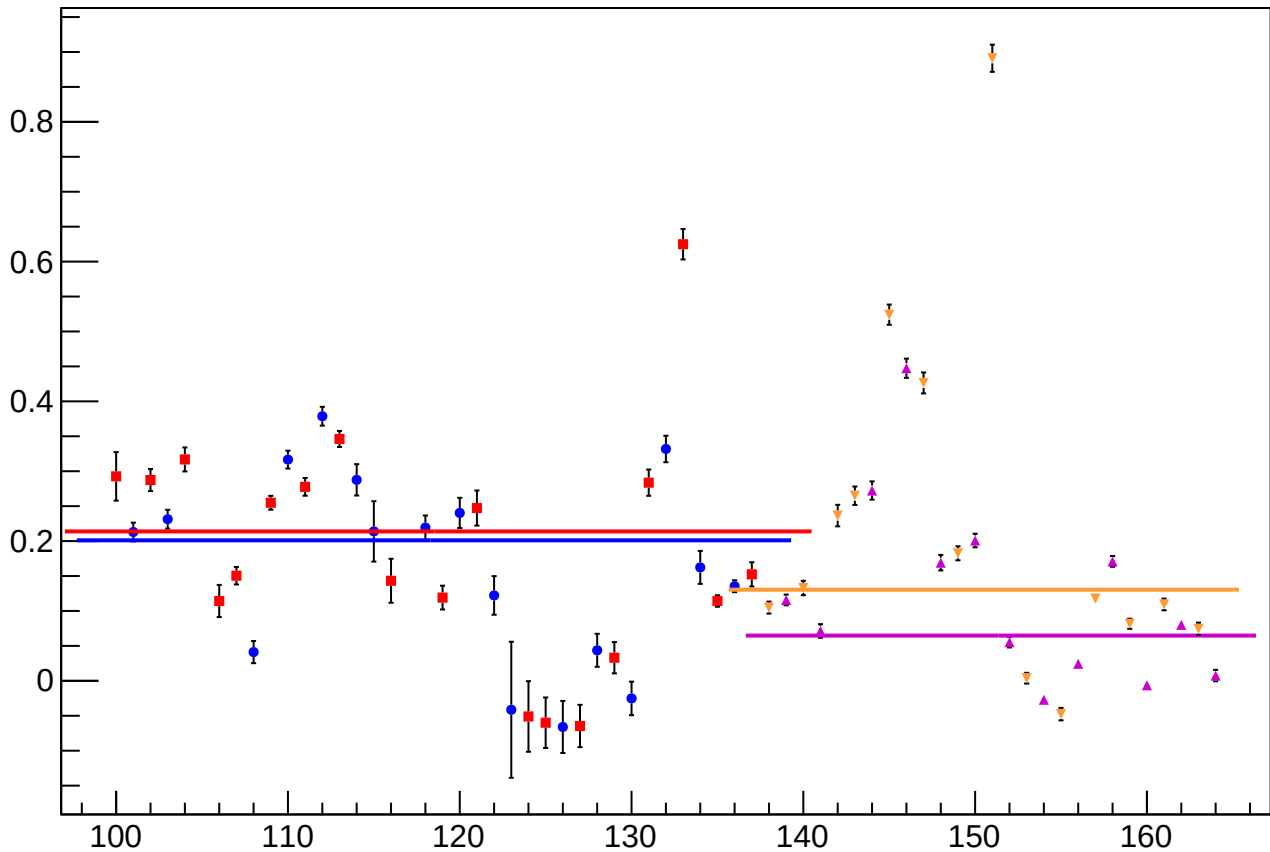
Left In: -2.432 ± 0.046 χ^2/NDF : 1879.7/12

+ sign -2.481 ± 0.044 χ^2/NDF : 4289.6/30

All: -2.286 ± 0.029 χ^2/NDF : 7824.7/62

- sign -2.142 ± 0.038 χ^2/NDF : 3501.0/31

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.130 ± 0.003 χ^2/NDF : 3609.9/13

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

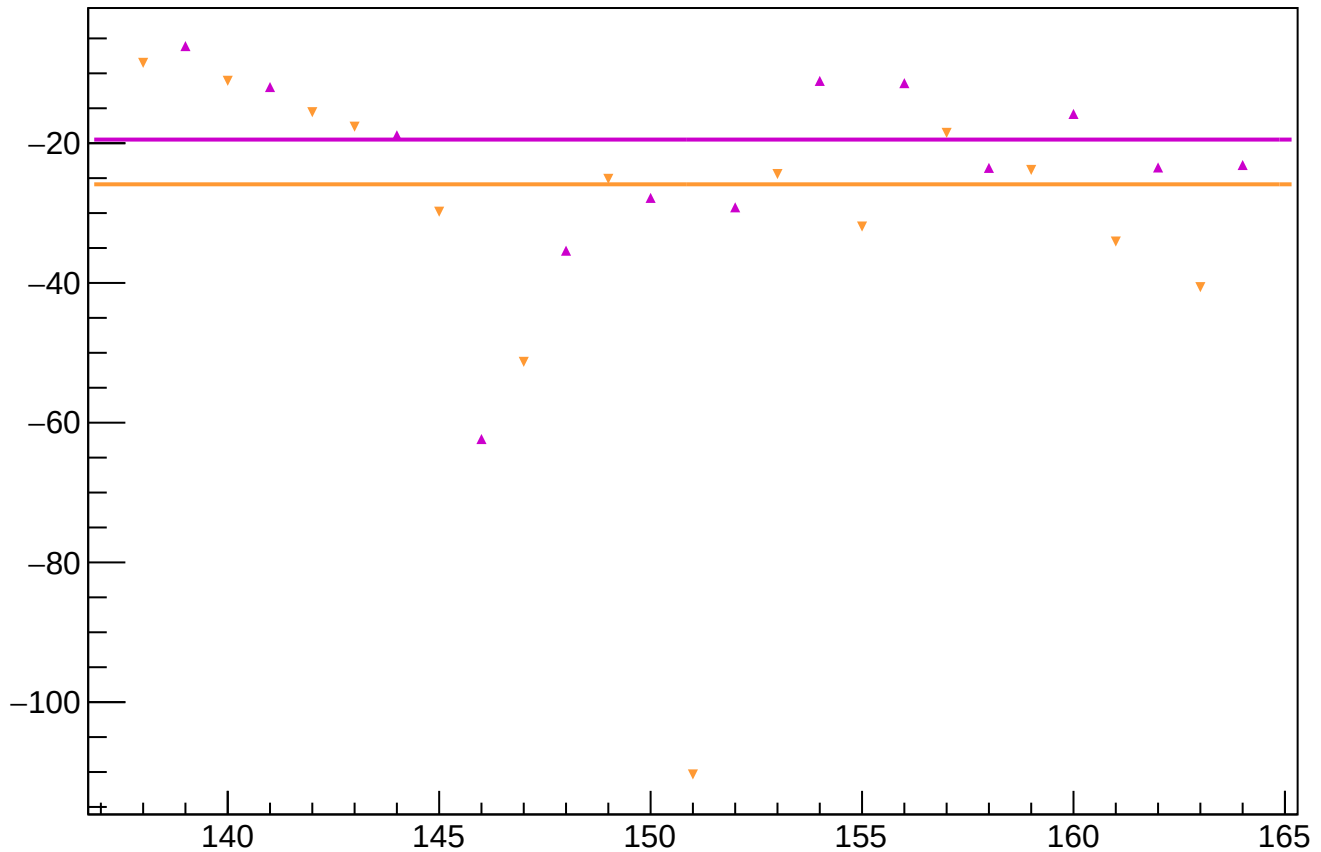
Left In: 0.065 ± 0.002 χ^2/NDF : 2158.8/12

+ sign 0.150 ± 0.002 χ^2/NDF : 4513.2/30

All: 0.120 ± 0.001 χ^2/NDF : 9331.1/62

- sign 0.100 ± 0.002 χ^2/NDF : 4497.3/31

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -25.883+/-0.070 χ^2/NDF : 56258.8/13

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

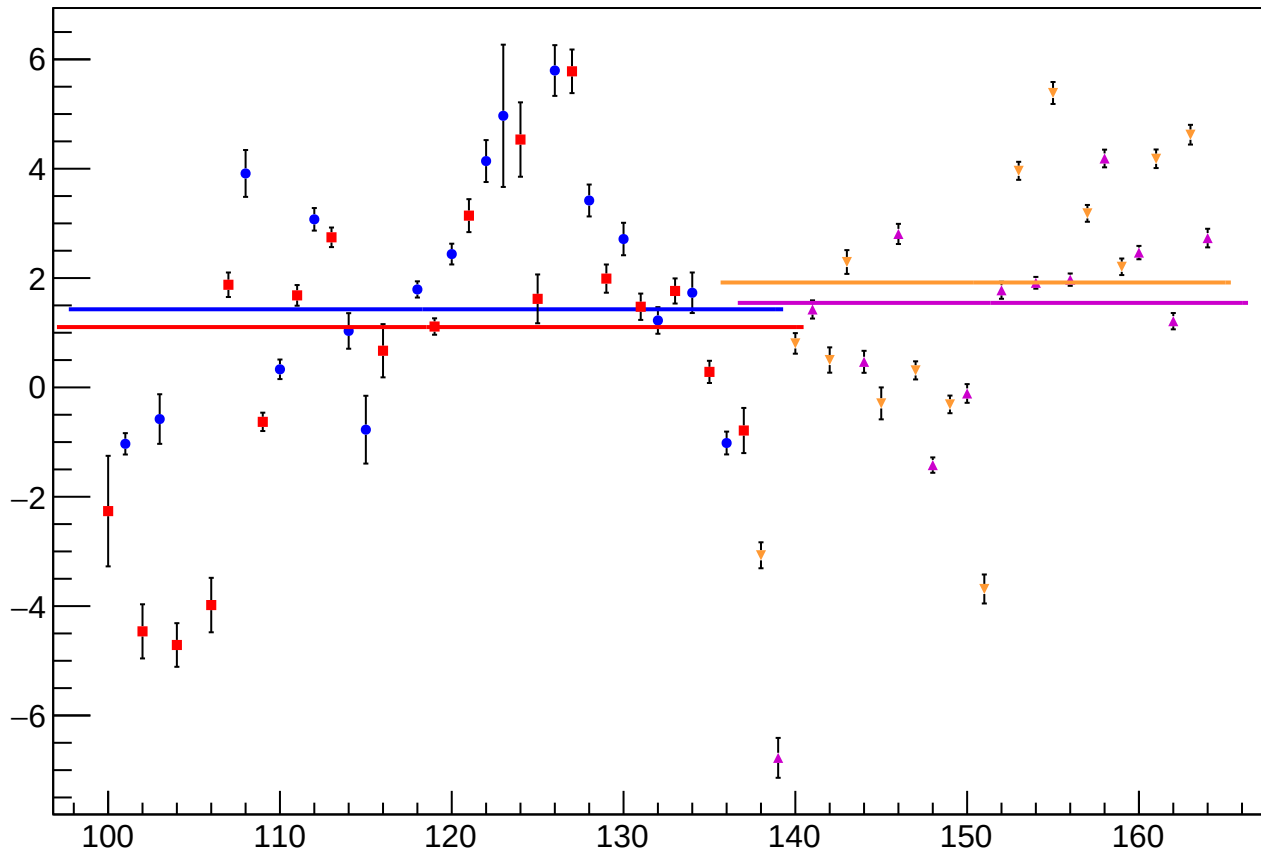
Left In: -19.481+/-0.059 χ^2/NDF : 36703.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.127+/-0.045 χ^2/NDF : 97880.8/26

- 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 $\pm$ 0.050 χ^2/NDF :2230.6/13

Right Out: 1.104 $\pm$ 0.059 χ^2/NDF : 936.5/18

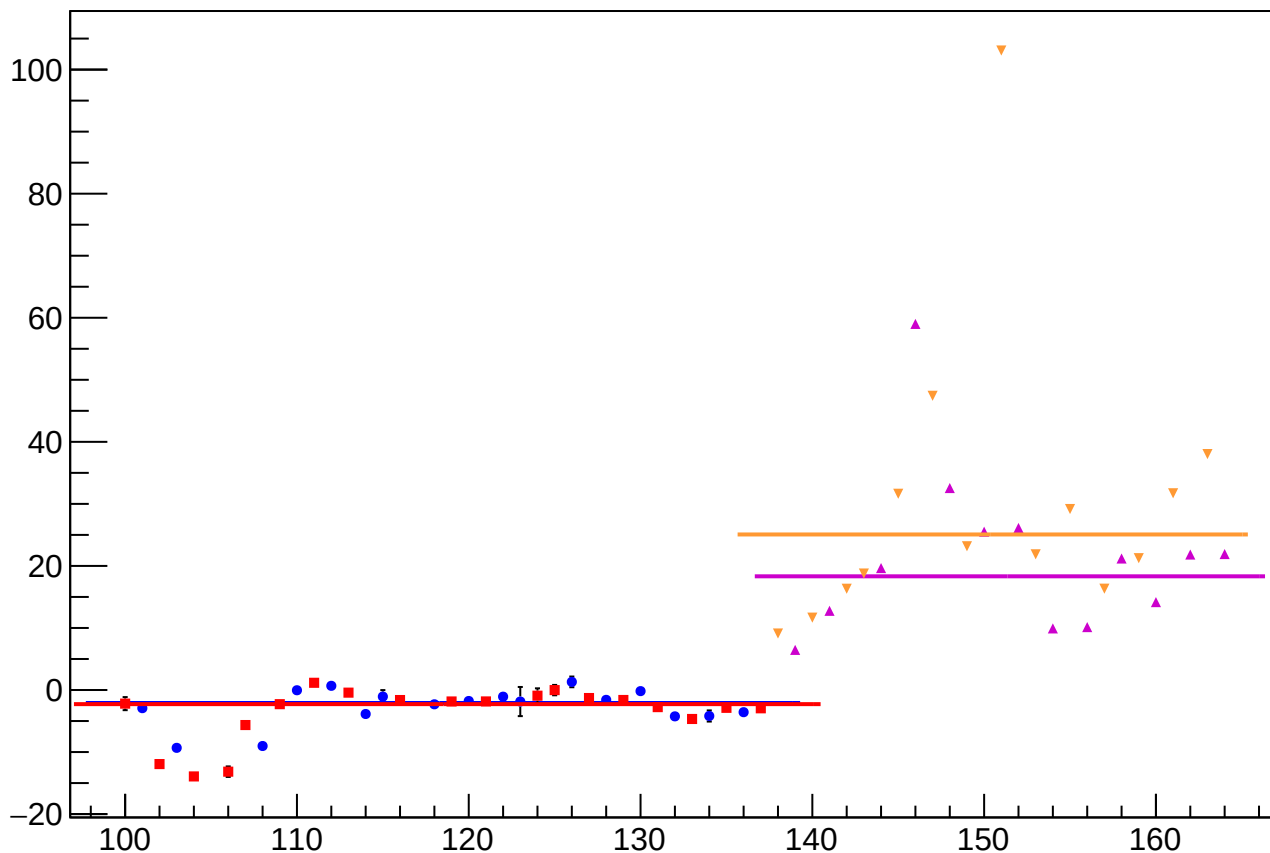
Left In: 1.546 $\pm$ 0.042 χ^2/NDF :1539.1/12

+ sign 1.726 $\pm$ 0.039 χ^2/NDF : 2979.7/30

All: 1.541 $\pm$ 0.026 χ^2/NDF : 5532.3/62

- sign 1.399 $\pm$ 0.034 χ^2/NDF : 2512.8/31

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 25.071 ± 0.068 χ^2/NDF : 50215.3/13

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

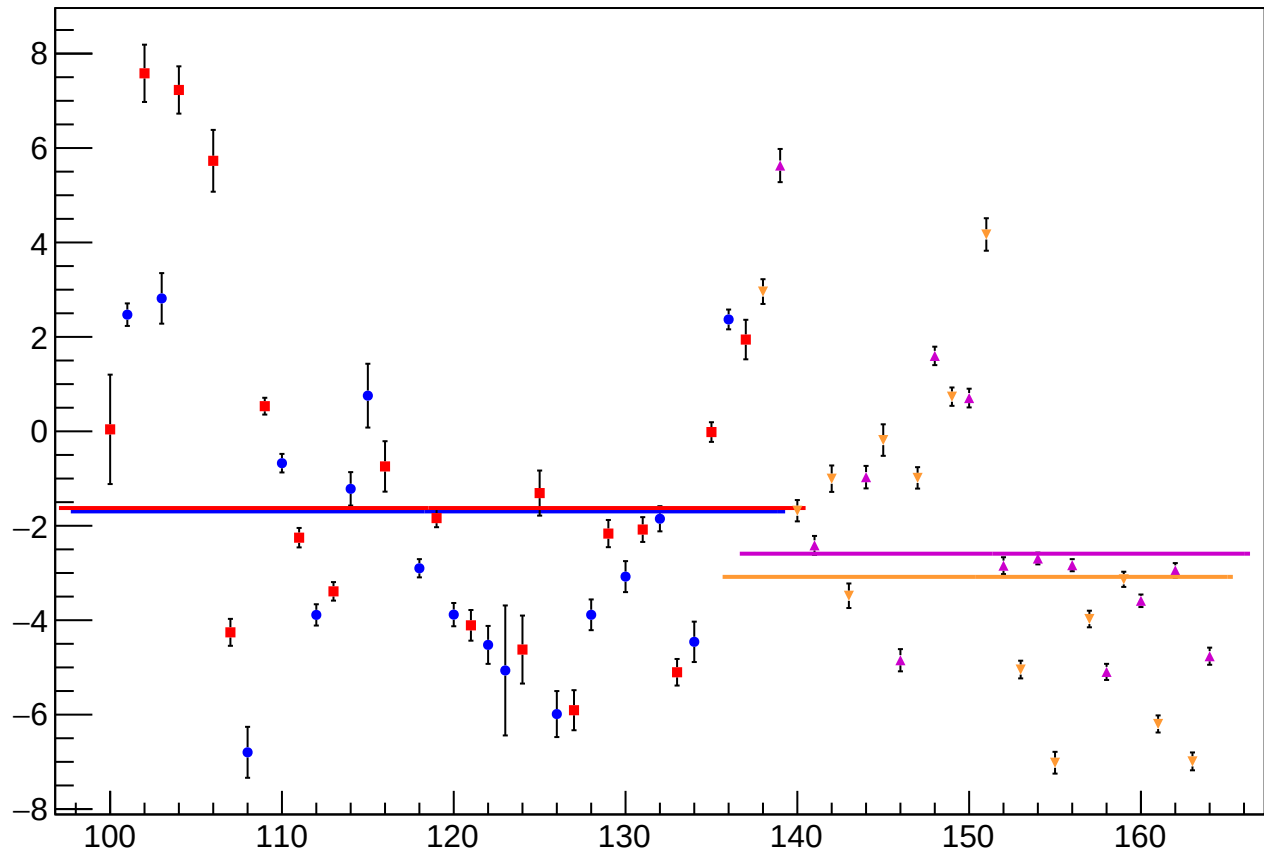
Left In: 18.325 ± 0.056 χ^2/NDF : 34493.3/12

+ sign 17.761 ± 0.058 χ^2/NDF : 93248.0/30

All: 15.229 ± 0.038 χ^2/NDF : 163593.1/62

- sign 13.429 ± 0.049 χ^2/NDF : 67130.0/31

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696±/0.072 χ^2/NDF : 1333.3/16

Left Out: -3.082±/0.058 χ^2/NDF : 2767.3/13

Right Out: -1.624±/0.067 χ^2/NDF : 1467.3/18

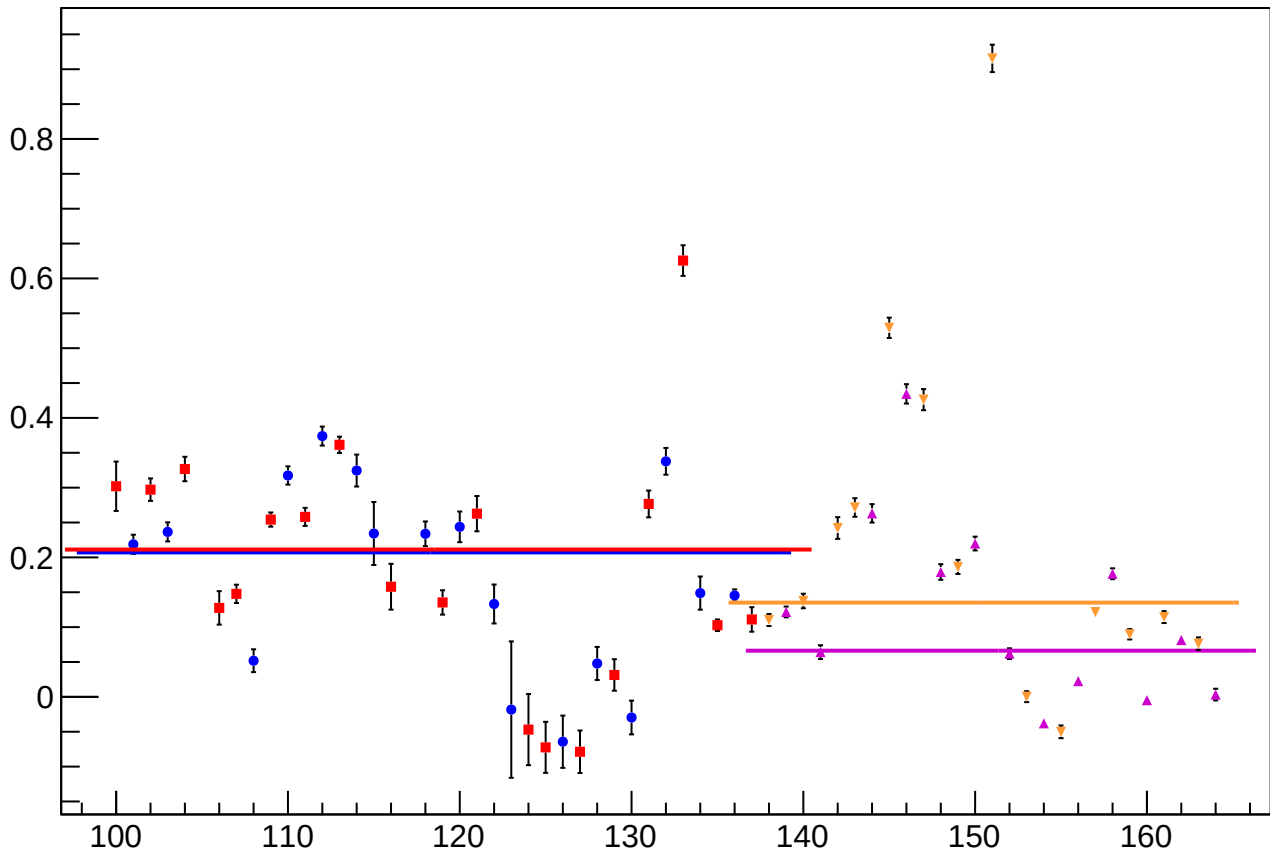
Left In: -2.591±/0.048 χ^2/NDF : 1849.3/12

+ sign -2.537±/0.045 χ^2/NDF : 4328.6/30

All: -2.382±/0.029 χ^2/NDF : 7804.5/62

- sign -2.266±/0.039 χ^2/NDF : 3455.0/31

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 χ^2/NDF : 656.3/16

Left Out: 0.135 ± 0.003 χ^2/NDF : 3660.0/13

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/18

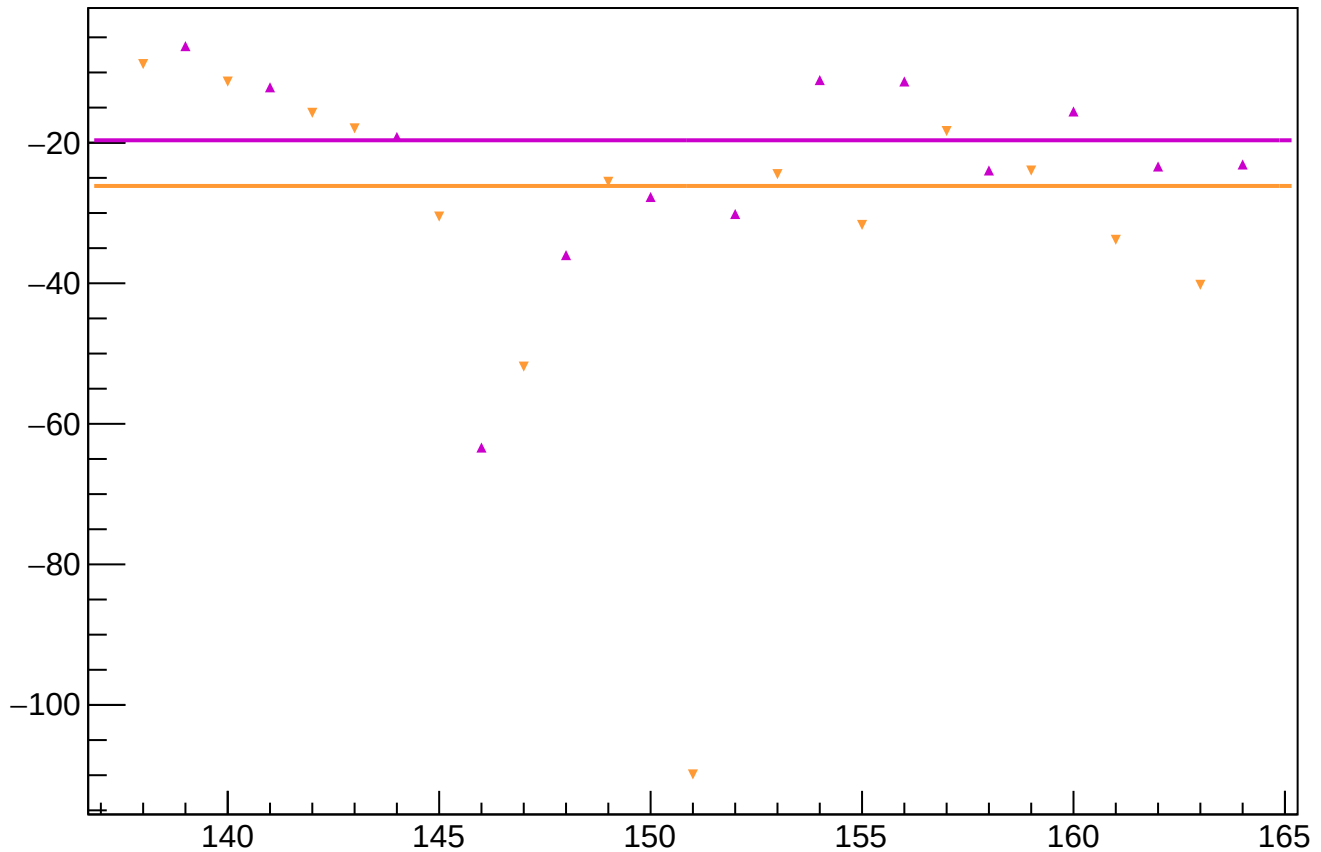
Left In: 0.066 ± 0.002 χ^2/NDF : 2205.8/12

+ sign 0.155 ± 0.002 χ^2/NDF : 4528.7/30

All: 0.123 ± 0.001 χ^2/NDF : 9380.4/62

- sign 0.101 ± 0.002 χ^2/NDF : 4489.5/31

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -26.150+/-0.071 χ^2/NDF : 54975.4/13

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

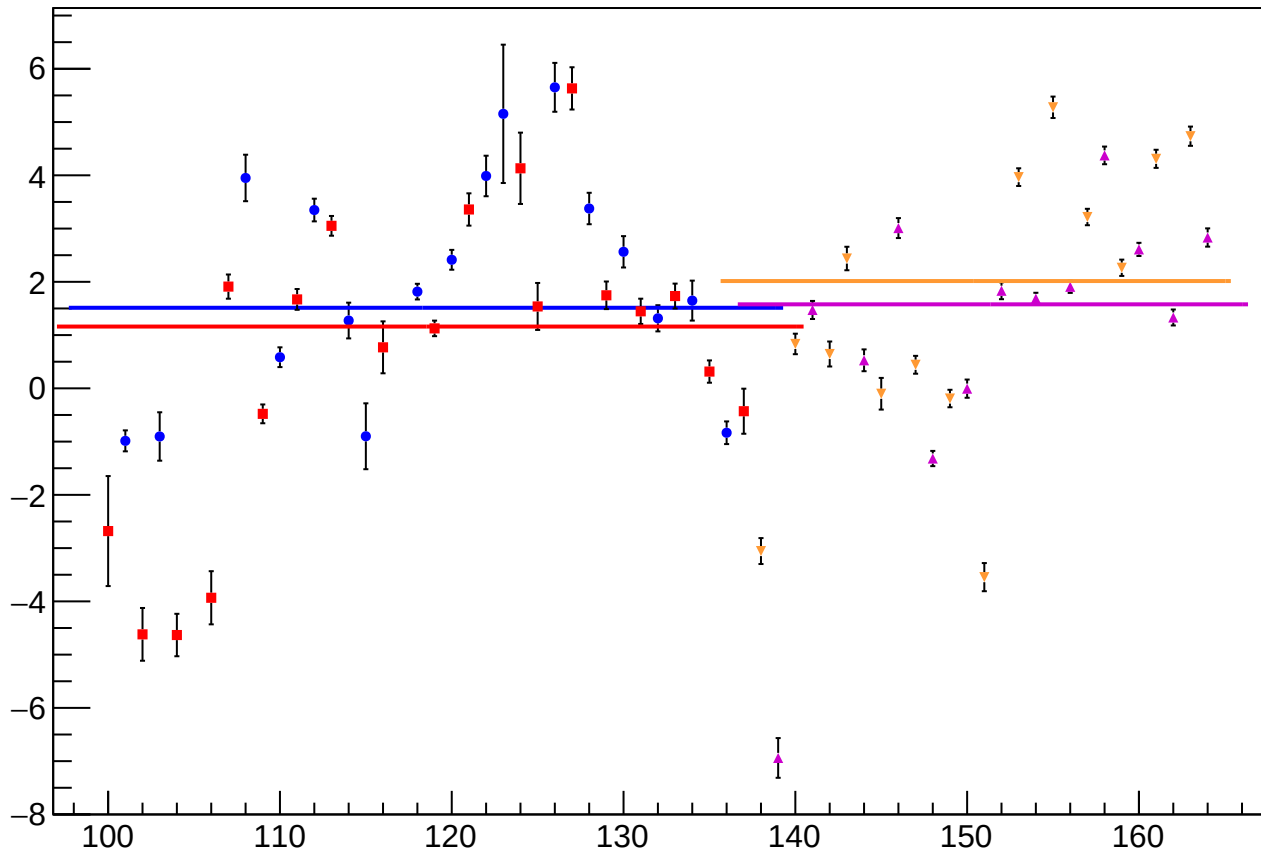
Left In: -19.651+/-0.060 χ^2/NDF : 36956.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.348+/-0.046 χ^2/NDF : 96871.6/26

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 $\pm$ 0.063 χ^2/NDF : 669.7/16

Left Out: 2.015 $\pm$ 0.051 χ^2/NDF : 2143.3/13

Right Out: 1.160 $\pm$ 0.060 χ^2/NDF : 917.0/18

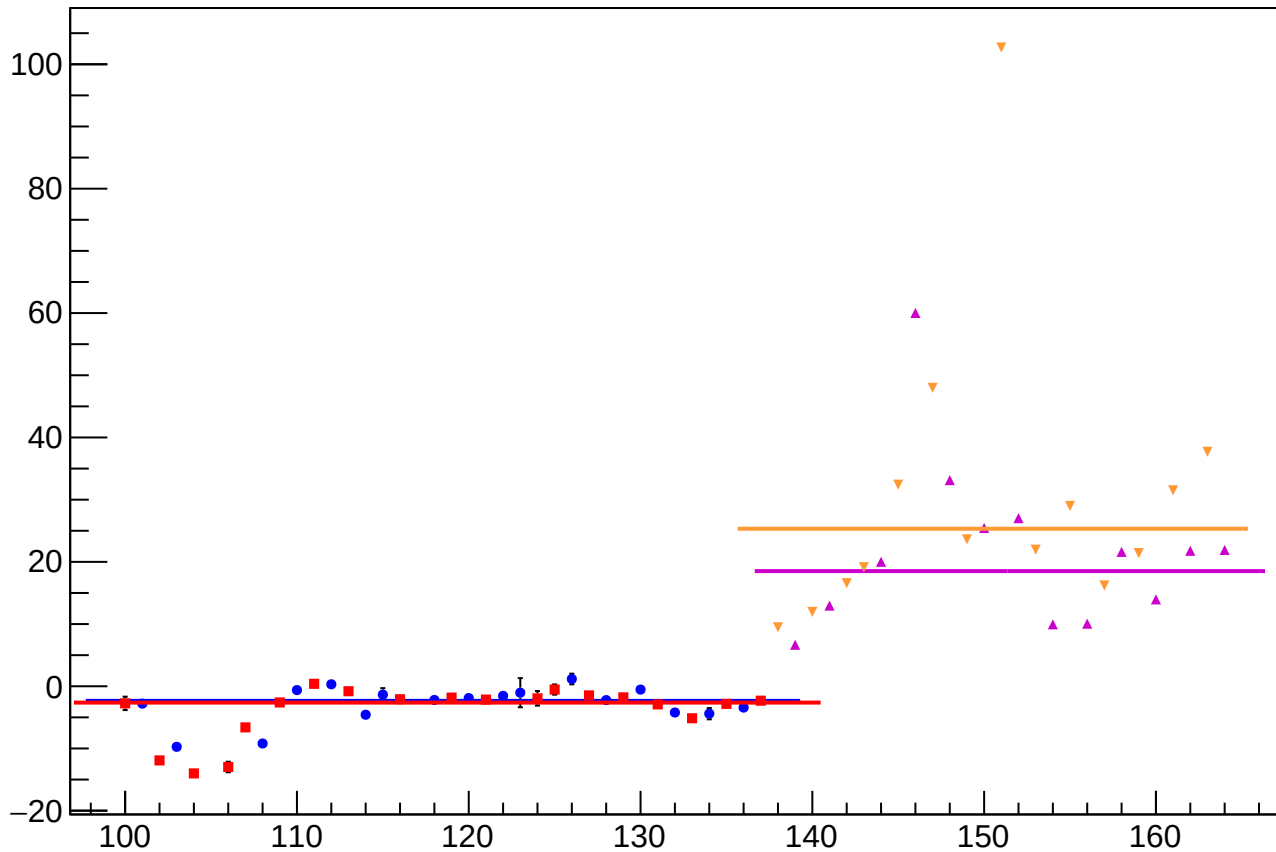
Left In: 1.577 $\pm$ 0.042 χ^2/NDF : 1523.9/12

+ sign 1.817 $\pm$ 0.039 χ^2/NDF : 2851.8/30

All: 1.604 $\pm$ 0.026 χ^2/NDF : 5377.1/62

- sign 1.439 $\pm$ 0.035 χ^2/NDF : 2473.2/31

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 25.327 ± 0.069 χ^2/NDF : 49216.8/13

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

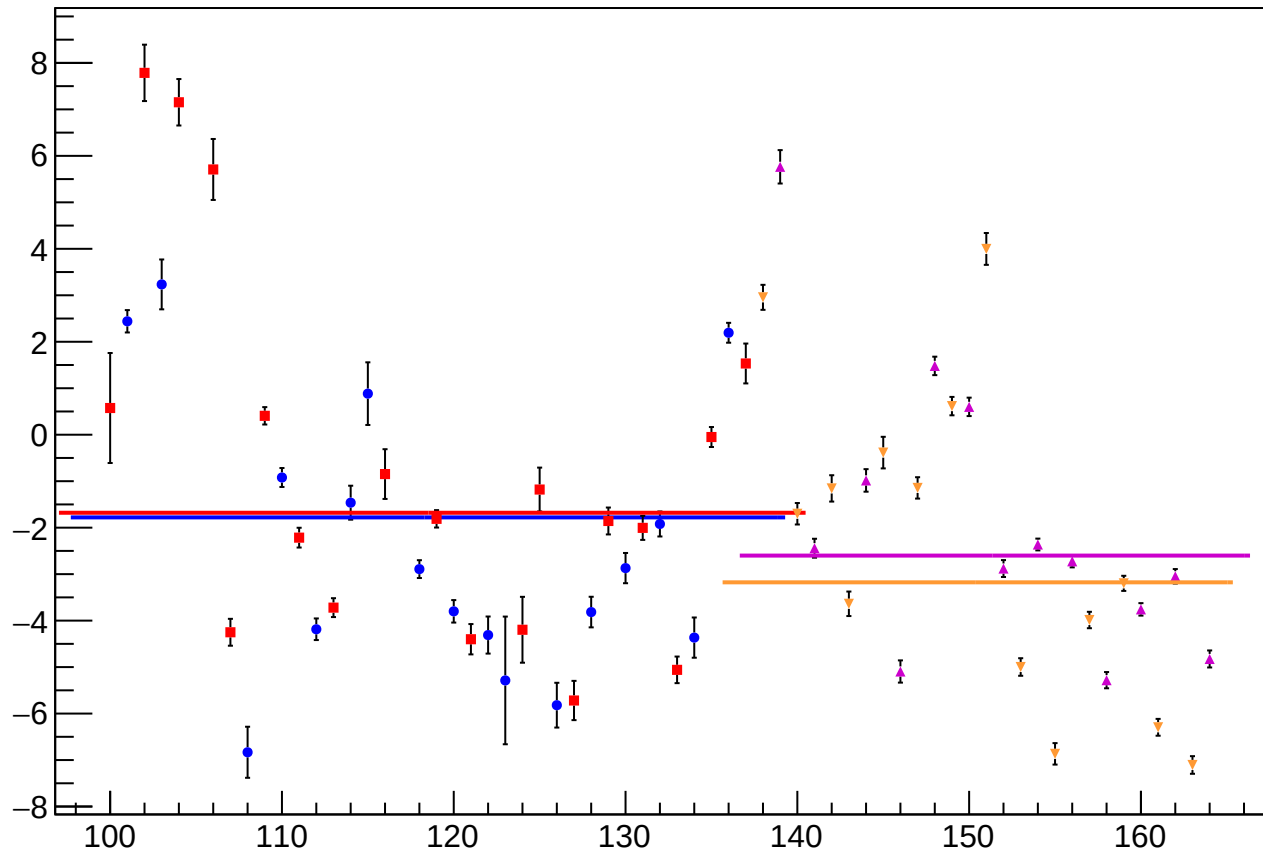
Left In: 18.515 ± 0.057 χ^2/NDF : 34787.4/12

+ sign 17.928 ± 0.059 χ^2/NDF : 92615.7/30

All: 15.376 ± 0.038 χ^2/NDF : 163518.9/62

- sign 13.544 ± 0.050 χ^2/NDF : 67698.5/31

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: -3.176 $\pm$ 0.058 χ^2/NDF : 2661.1/13

Right Out: -1.679 $\pm$ 0.068 χ^2/NDF : 1429.6/18

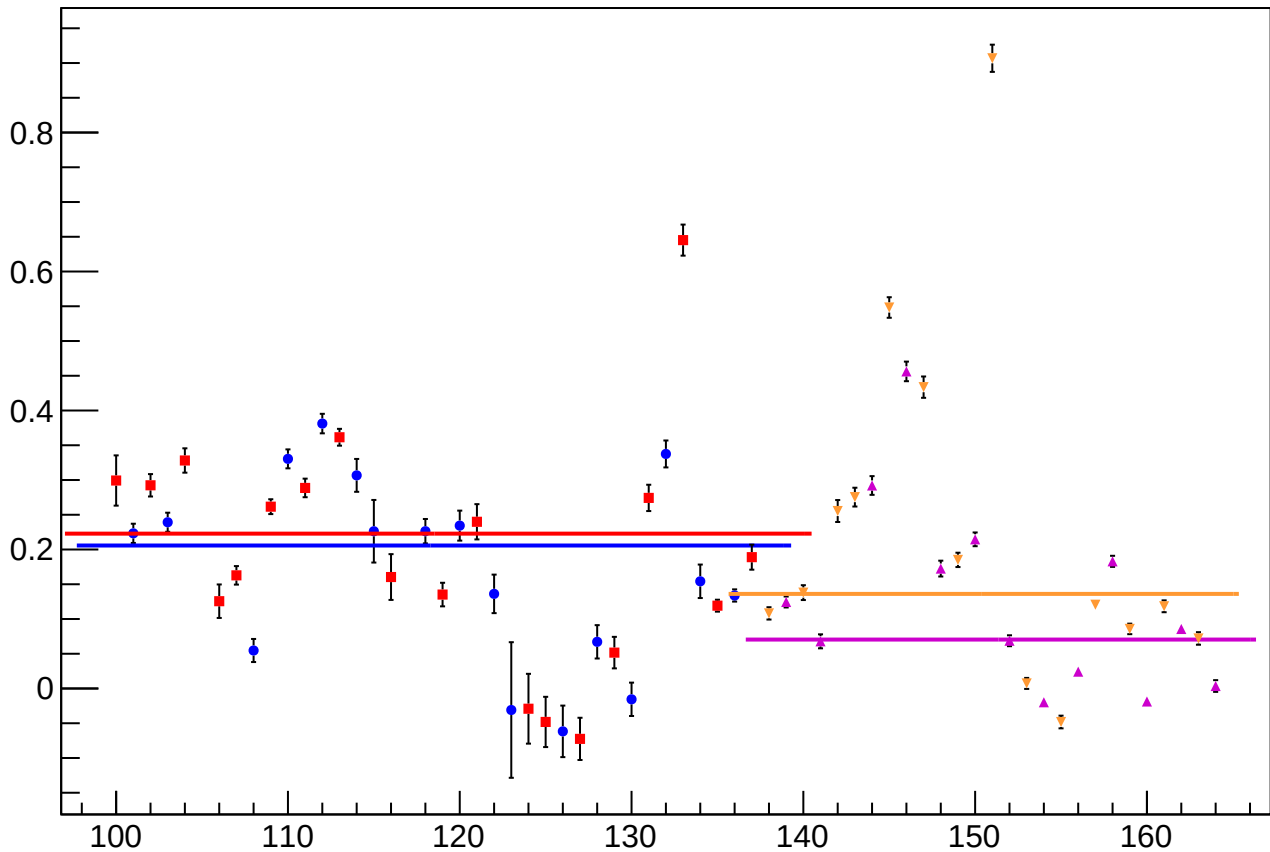
Left In: -2.601 $\pm$ 0.048 χ^2/NDF : 1851.6/12

+ sign -2.628 $\pm$ 0.045 χ^2/NDF : 4160.1/30

All: -2.436 $\pm$ 0.030 χ^2/NDF : 7594.6/62

- sign -2.291 $\pm$ 0.039 χ^2/NDF : 3403.1/31

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 651.8/16

Left Out: 0.136 ± 0.003 χ^2/NDF : 3673.0/13

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.070 ± 0.002 χ^2/NDF : 2210.7/12

+ sign 0.155 ± 0.002 χ^2/NDF : 4518.8/30

All: 0.126 ± 0.001 χ^2/NDF : 9265.8/62

- sign 0.106 ± 0.002 χ^2/NDF : 4461.7/31