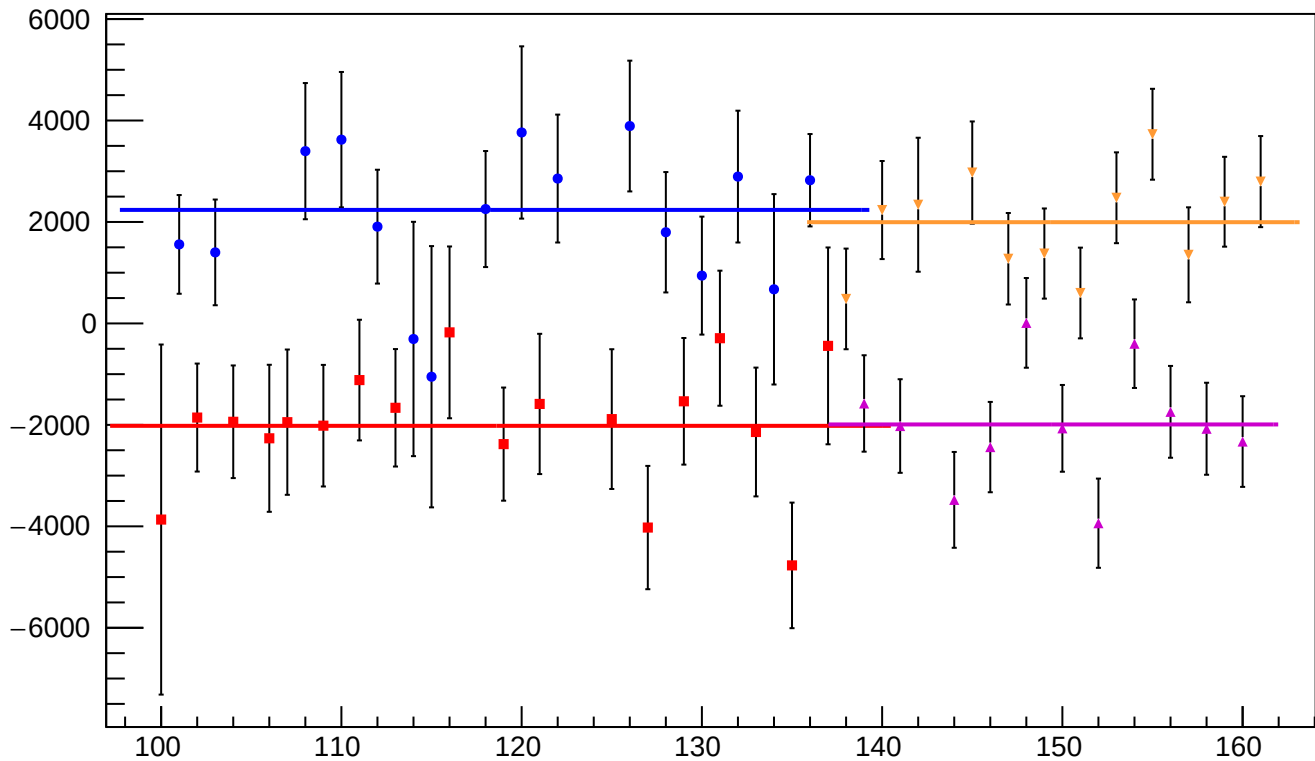


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

Left Out: 1995.705+/-271.749

χ^2/NDF : 12.5/11

Right Out: -2018.625+/-308.362

χ^2/NDF : 12.6/17

Left In: -1991.370+/-271.114

χ^2/NDF : 16.5/10

+ sign 2099.193+/-205.662

χ^2/NDF : 24.1/27

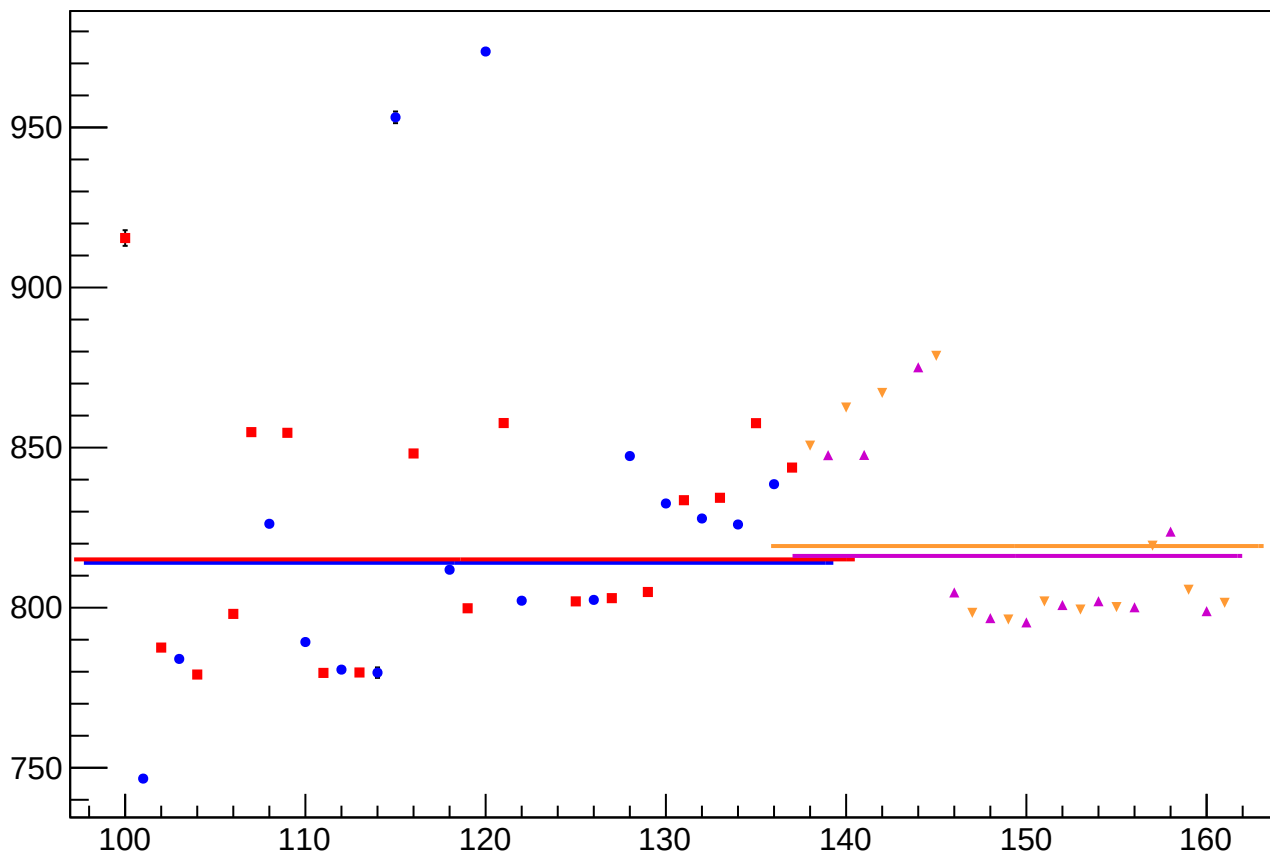
All: 27.396+/-144.694

χ^2/NDF : 254.2/56

- sign -2003.253+/-203.609

χ^2/NDF : 29.1/28

dit_asym_us_avg_rms vs Slug



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

Left Out: 819.254 $\pm$ 0.192 χ^2 /NDF: 21878.9/11

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

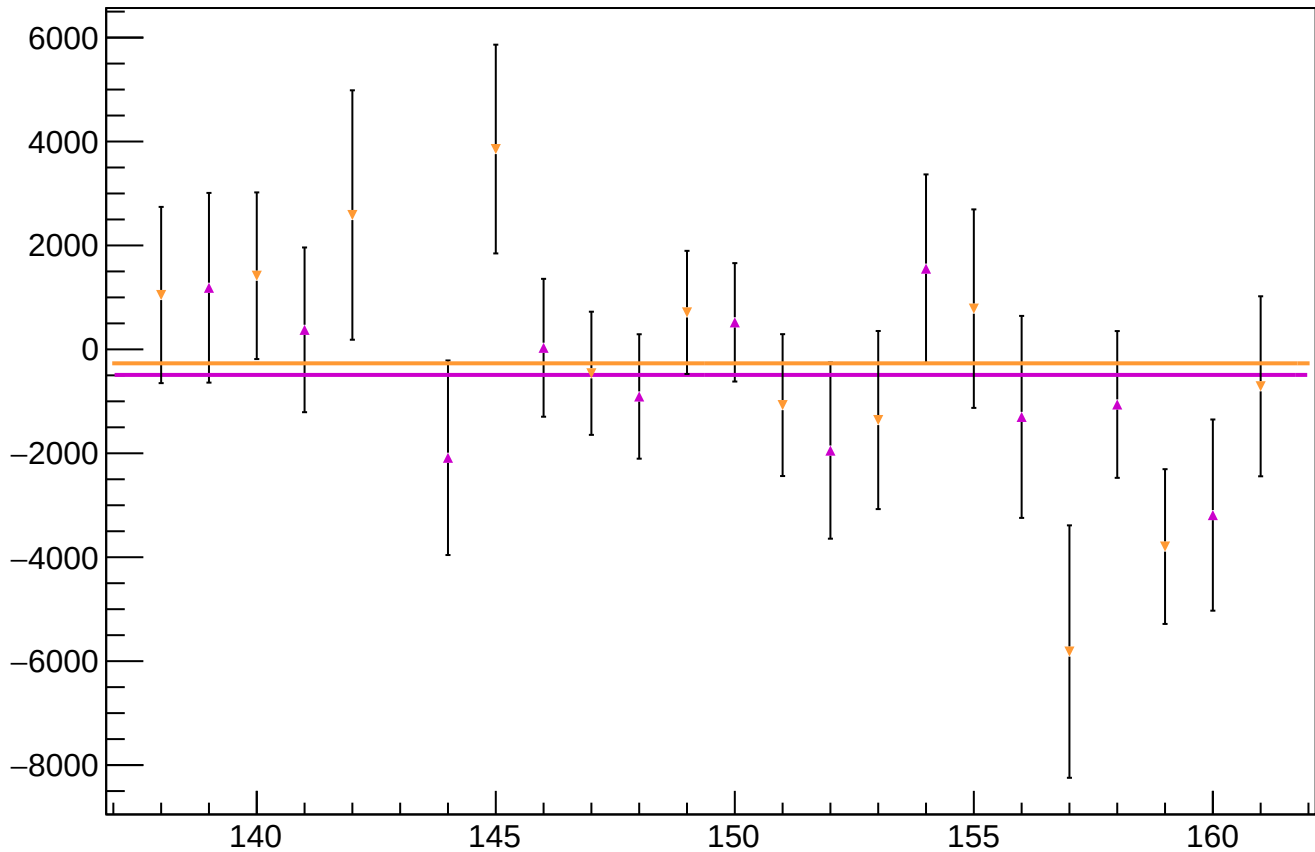
Left In: 816.169 $\pm$ 0.192 χ^2 /NDF: 17433.0/10

+ sign 817.018 $\pm$ 0.145 χ^2 /NDF: 64237.4/27

All: 816.350 $\pm$ 0.102 χ^2 /NDF: 101685.4/56

- sign 815.696 $\pm$ 0.144 χ^2 /NDF: 37406.3/28

asym_us_avg_correction_mean vs Slug



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

Left Out: -268.589+/-461.879 χ^2/NDF : 20.0/11

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

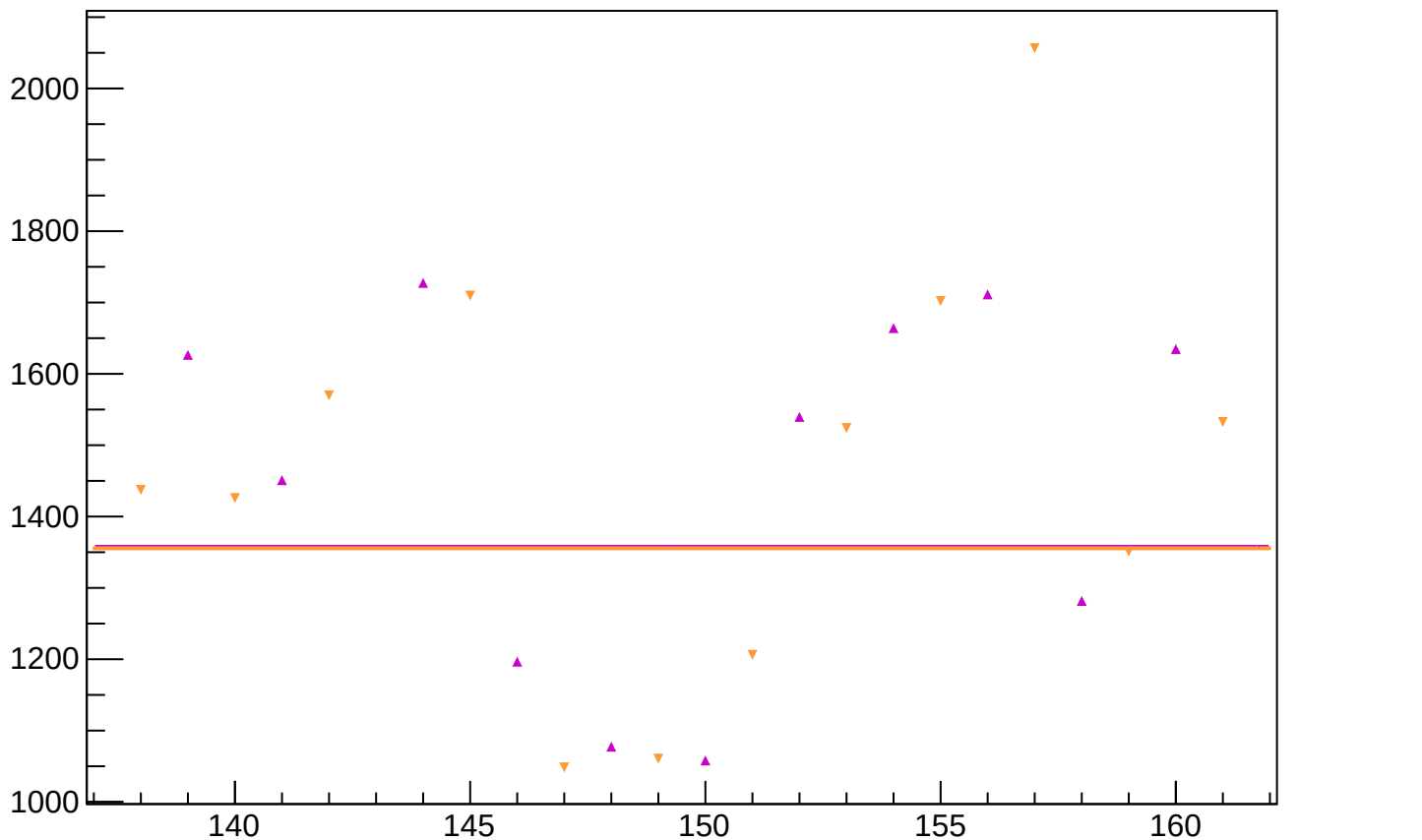
Left In: -491.609+/-459.645 χ^2/NDF : 7.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.640+/-325.805 χ^2/NDF : 27.5/22

- 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: 1355.532+/-0.327 χ^2/NDF : 641494.0/11

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

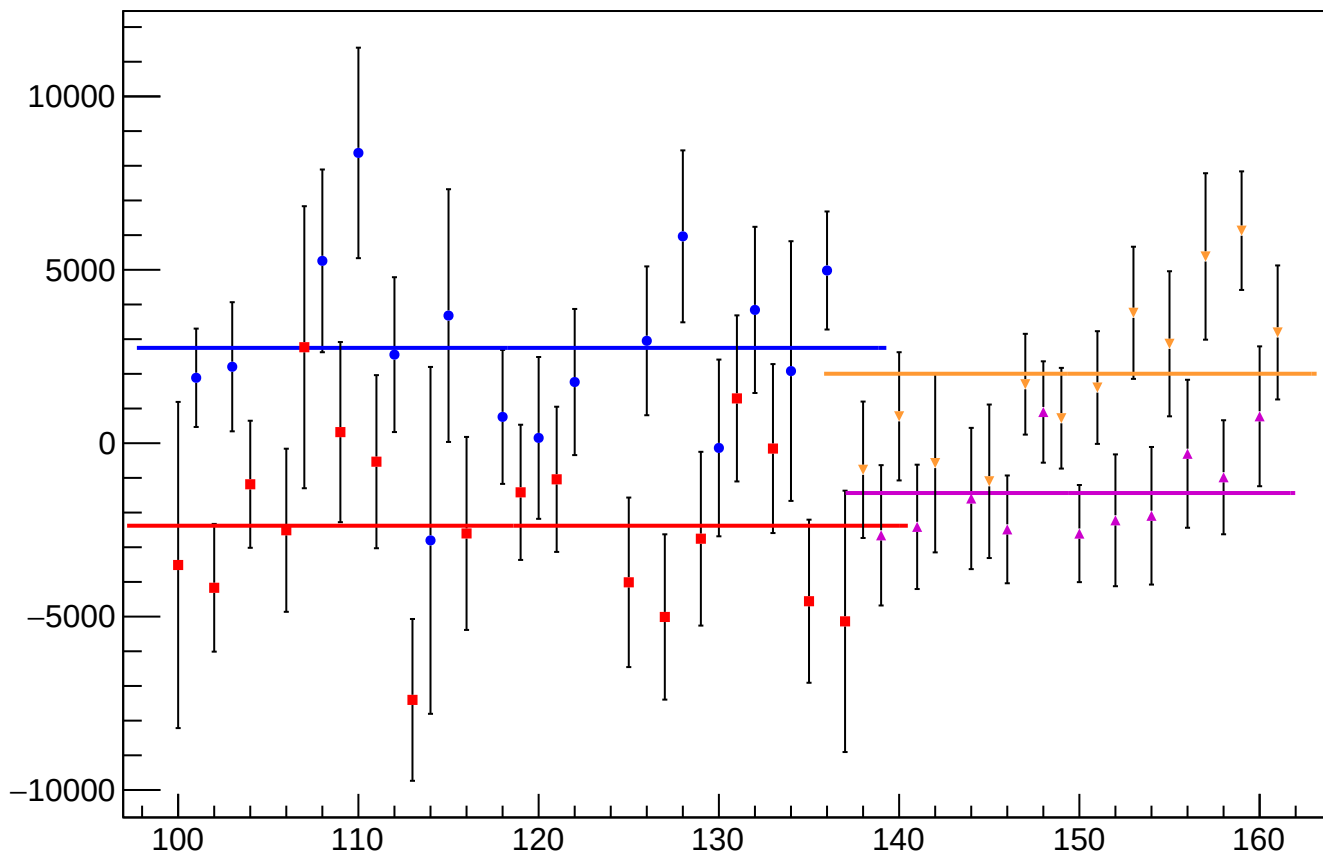
Left In: 1357.618+/-0.325 χ^2/NDF : 603201.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.580+/-0.230 χ^2/NDF : 1244715.9/22

- 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: 2003.184 $\pm$ 533.006 χ^2 /NDF:15.5/11

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

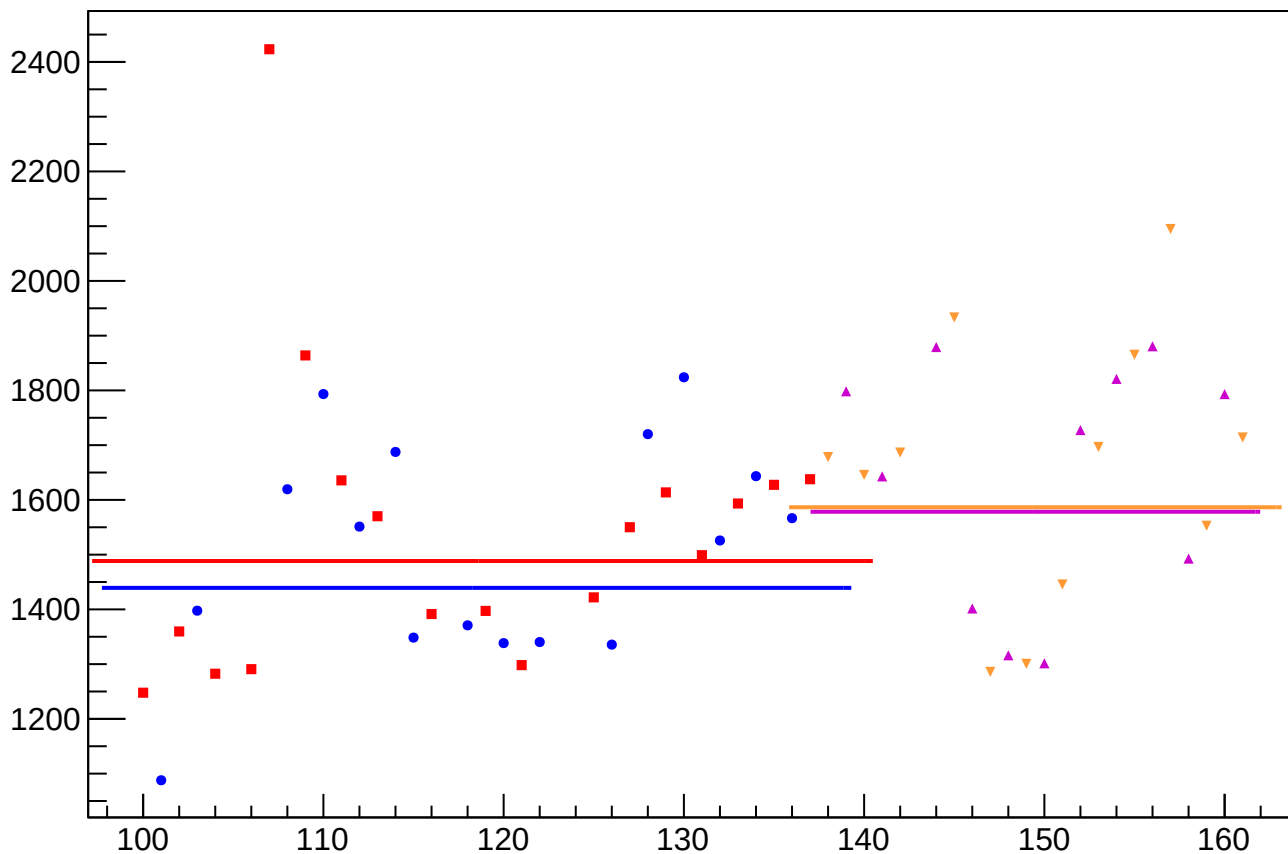
Left In: -1436.356 $\pm$ 530.396 χ^2 /NDF:6.2/10

+ sign 2355.629 $\pm$ 387.043 χ^2 /NDF: 30.0/27

All: 245.426 $\pm$ 274.007 χ^2 /NDF: 113.5/56

- sign -1874.855 $\pm$ 387.966 χ^2 /NDF: 23.9/28

asym_us_avg_rms vs Slug



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

Left Out: 1586.606+/-0.377 χ^2/NDF : 378103.1/11

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

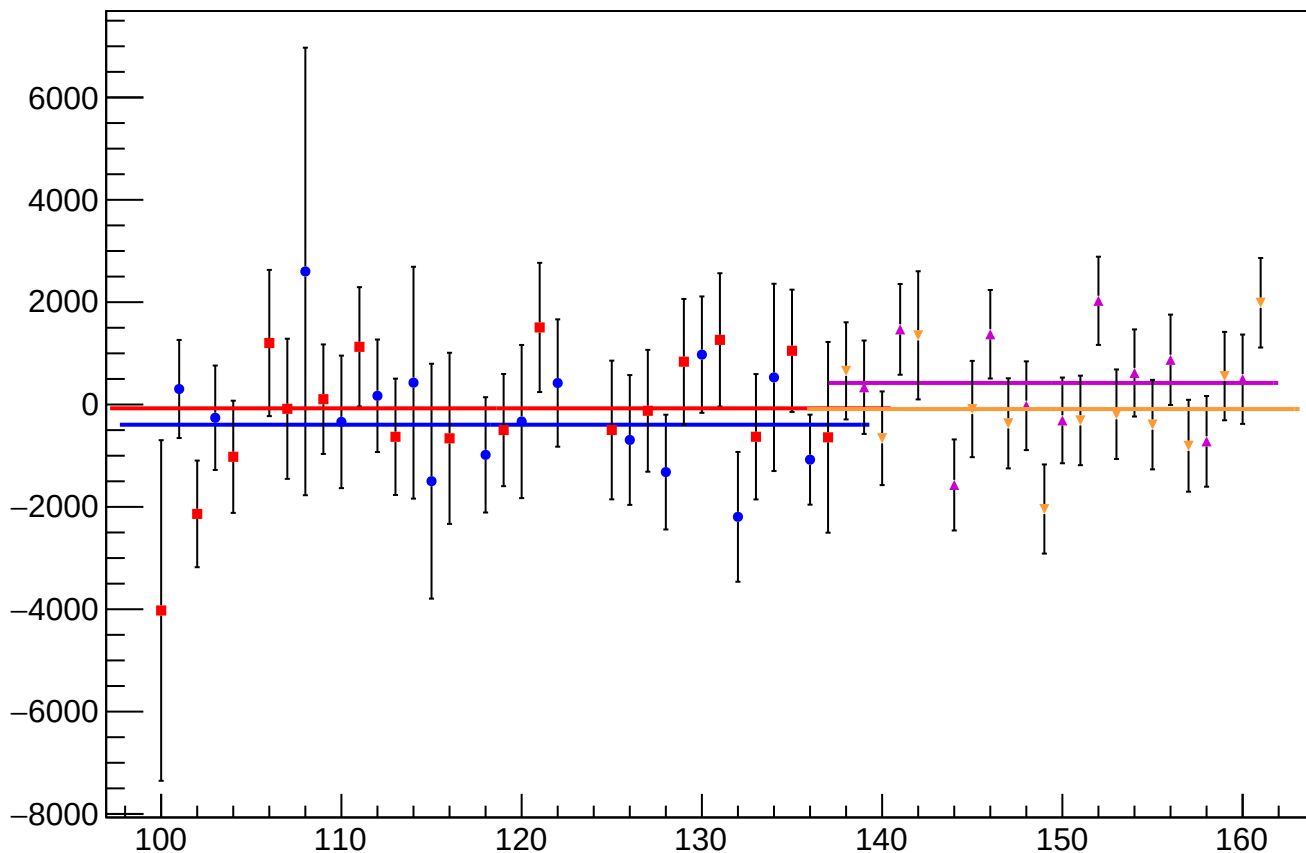
Left In: 1578.353+/-0.375 χ^2/NDF : 348735.3/10

+ sign 1516.989+/-0.274 χ^2/NDF : 728142.3/27

All: 1526.732+/-0.194 χ^2/NDF : 1362499.5/56

- sign 1536.521+/-0.274 χ^2/NDF : 631816.6/28

dit_asym_us_dd_mean vs Slug



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

Left Out: -88.443 ± 262.693 χ^2/NDF : 14.5/11

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

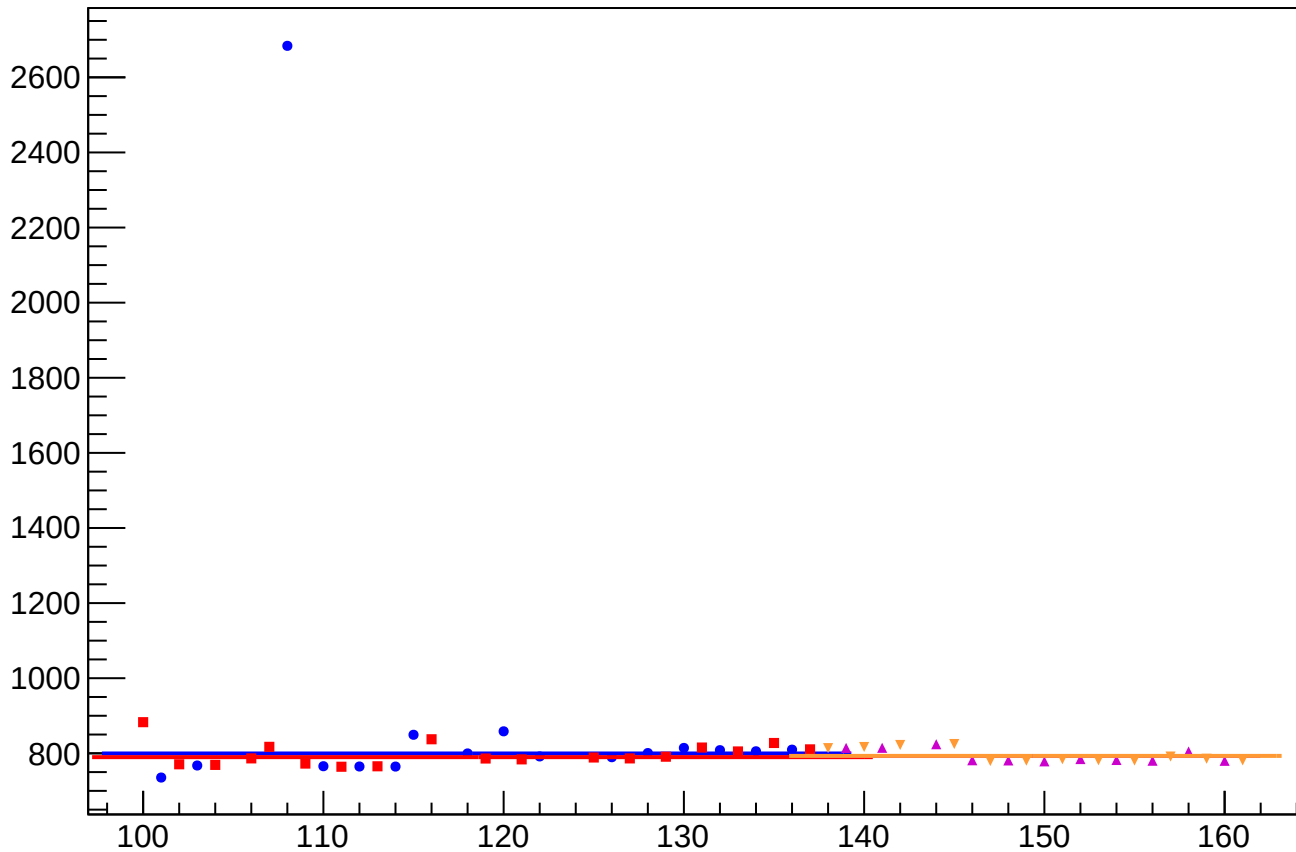
Left In: 421.886 ± 263.252 χ^2/NDF : 14.1/10

+ sign -214.790 ± 201.263 χ^2/NDF : 22.5/27

All: -0.977 ± 140.932 χ^2/NDF : 53.3/56

- sign 204.727 ± 197.409 χ^2/NDF : 28.6/28

dit_asym_us_dd_rms vs Slug



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

Left Out: 793.125 $\pm$ 0.186 χ^2 /NDF: 8031.1/11

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

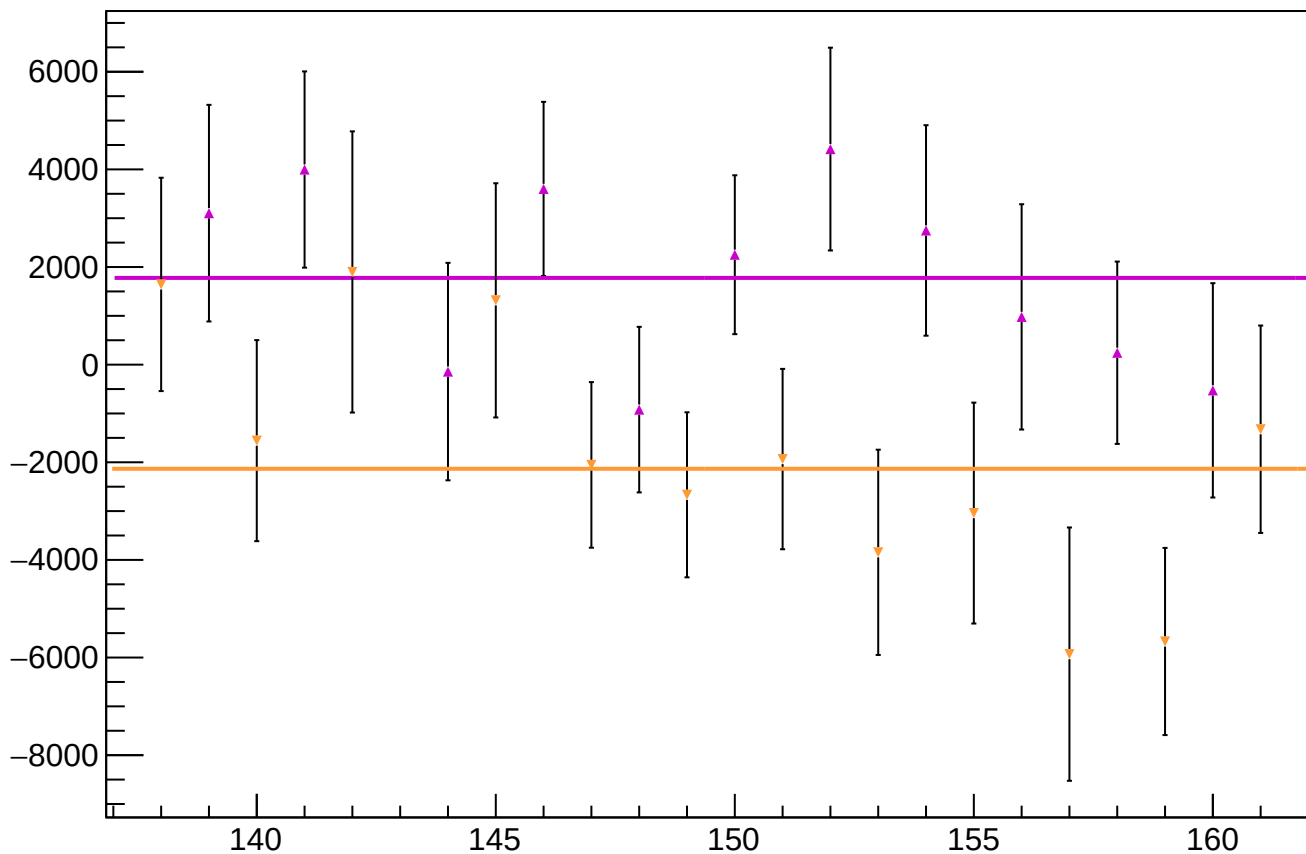
Left In: 792.803 $\pm$ 0.186 χ^2 /NDF: 7789.7/10

+ sign 795.773 $\pm$ 0.142 χ^2 /NDF: 399709.1/27

All: 793.588 $\pm$ 0.100 χ^2 /NDF: 419250.7/56

- sign 791.486 $\pm$ 0.140 χ^2 /NDF: 19078.9/28

asym_us_dd_correction_mean vs Slug



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

Left Out: -2132.979+/-598.289 χ^2/NDF :13.7/11

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

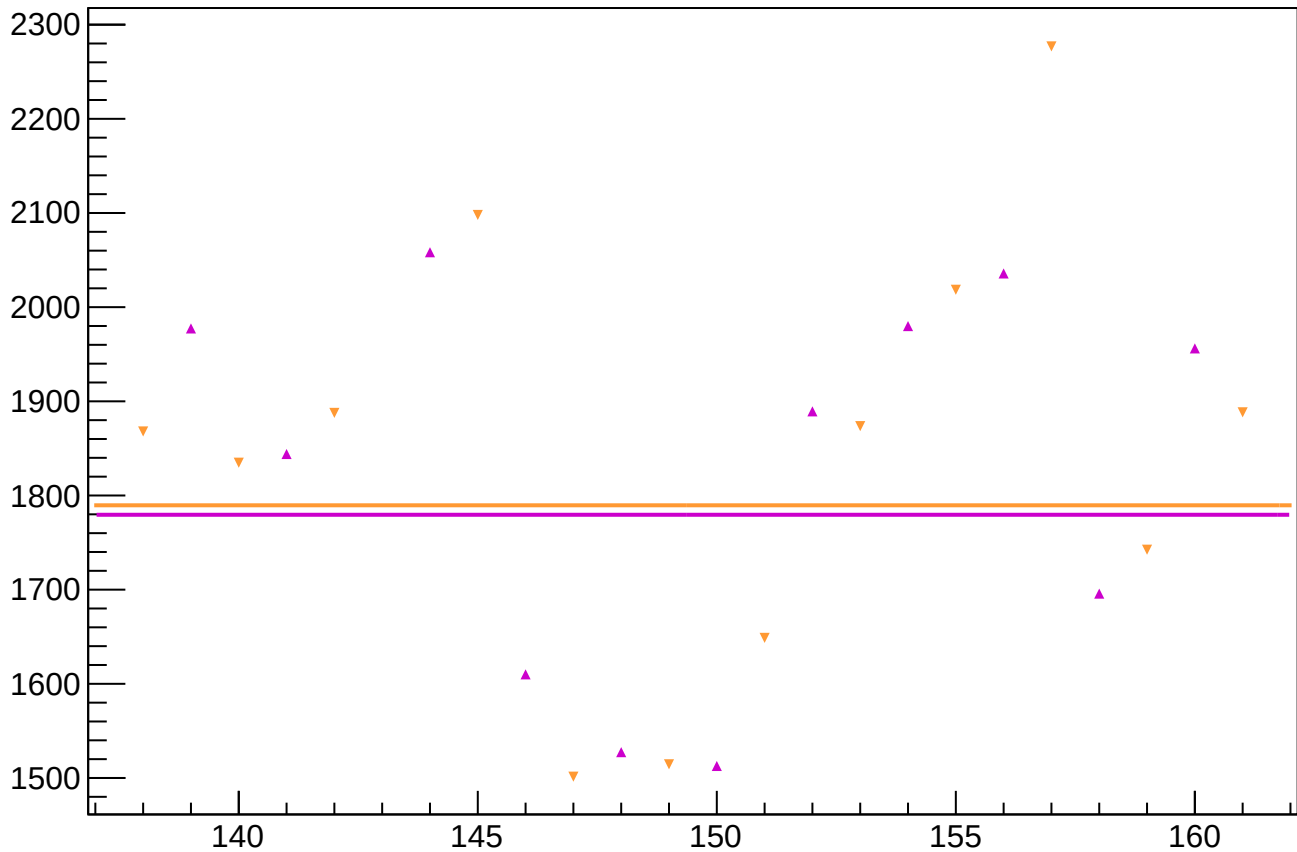
Left In: 1777.028+/-595.403 χ^2/NDF :9.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -168.522+/-422.030 χ^2/NDF : 44.9/22

- 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: 1789.588+/-0.423 χ^2/NDF :260930.0/11

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

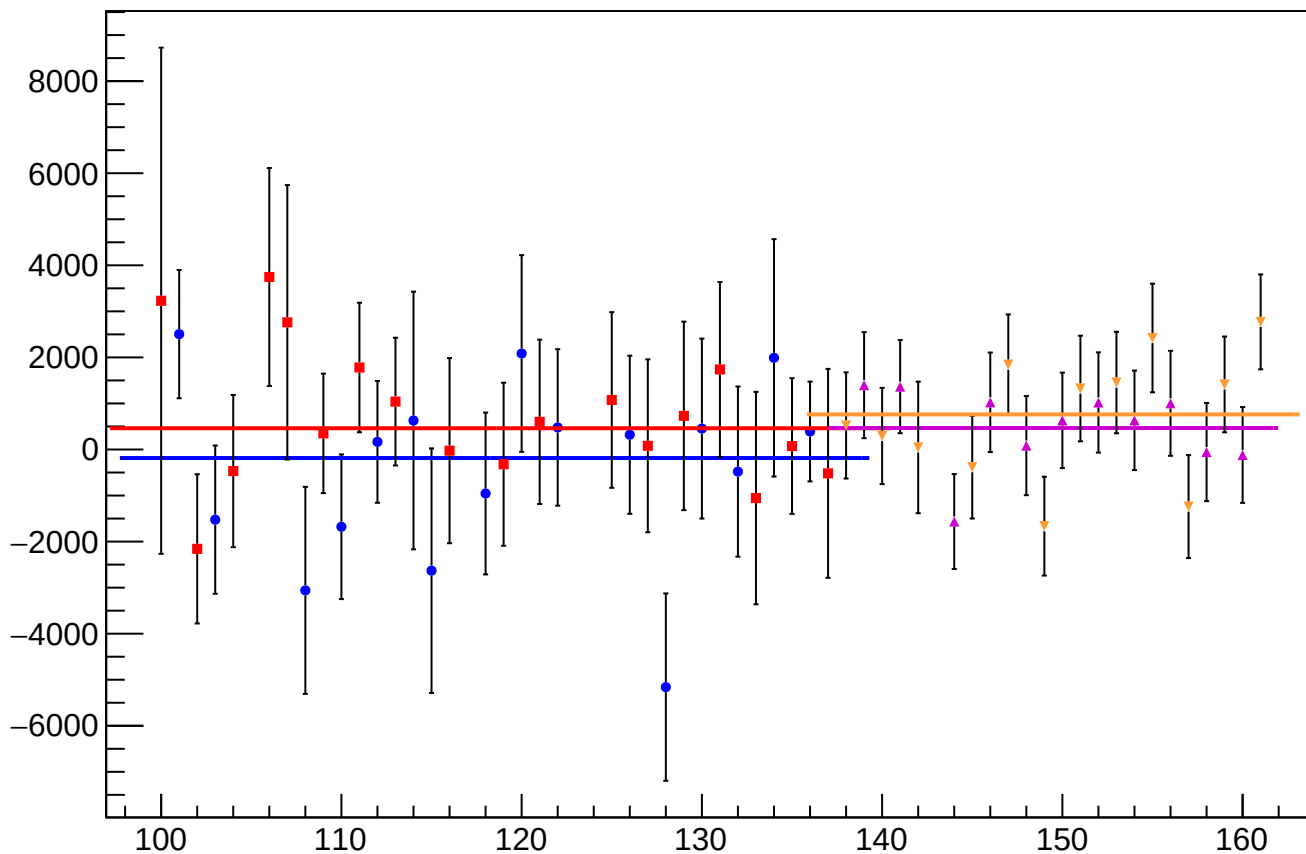
Left In: 1779.525+/-0.421 χ^2/NDF :229810.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1784.532+/-0.298 χ^2/NDF : 491024.2/22

- 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: 761.817 ± 322.116 χ^2/NDF : 17.7/11

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

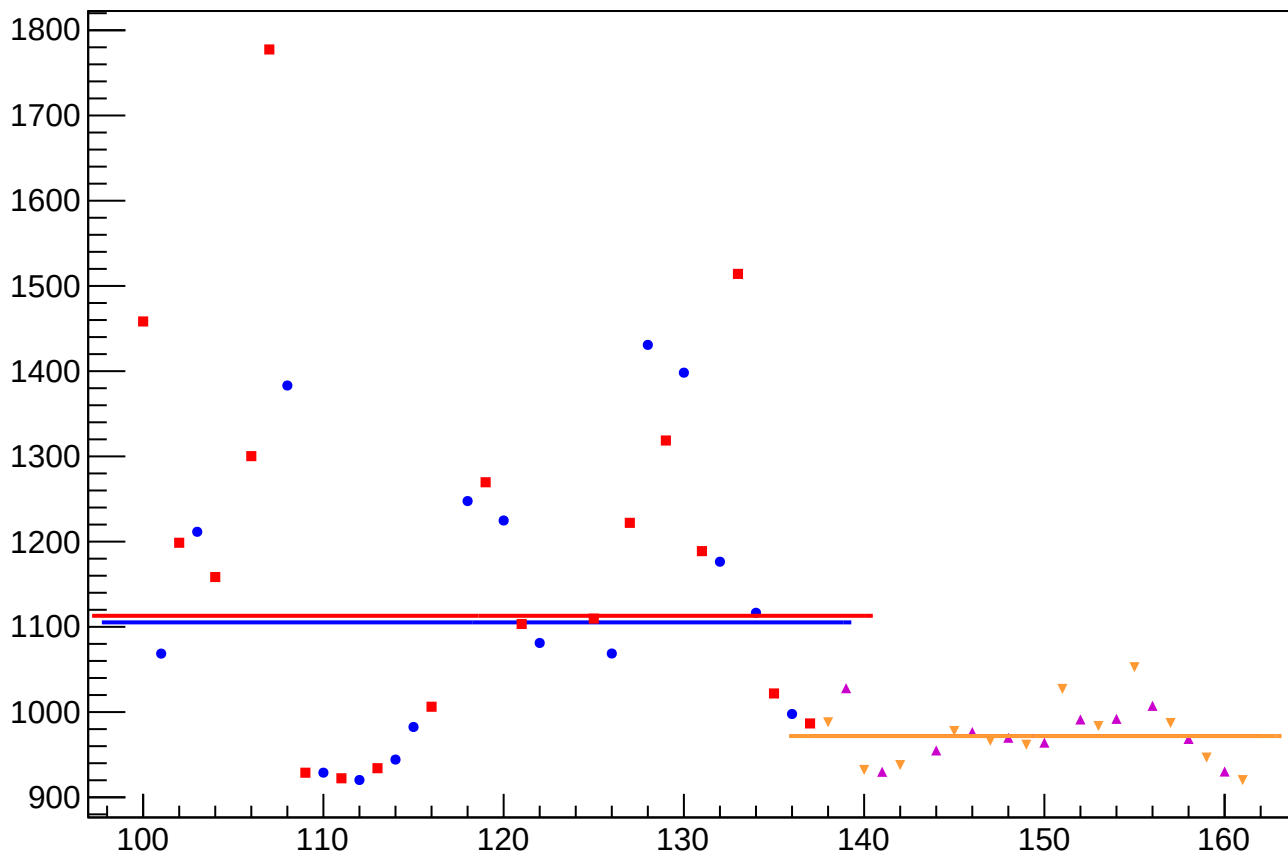
Left In: 466.227 ± 322.872 χ^2/NDF : 6.8/10

+ sign 422.974 ± 258.124 χ^2/NDF : 37.4/27

All: 443.744 ± 182.307 χ^2/NDF : 52.5/56

- sign 464.417 ± 257.519 χ^2/NDF : 15.1/28

asym_us_dd_rms vs Slug



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

Left Out: 971.872 $\pm$ 0.228 χ^2 /NDF: 25556.0/11

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

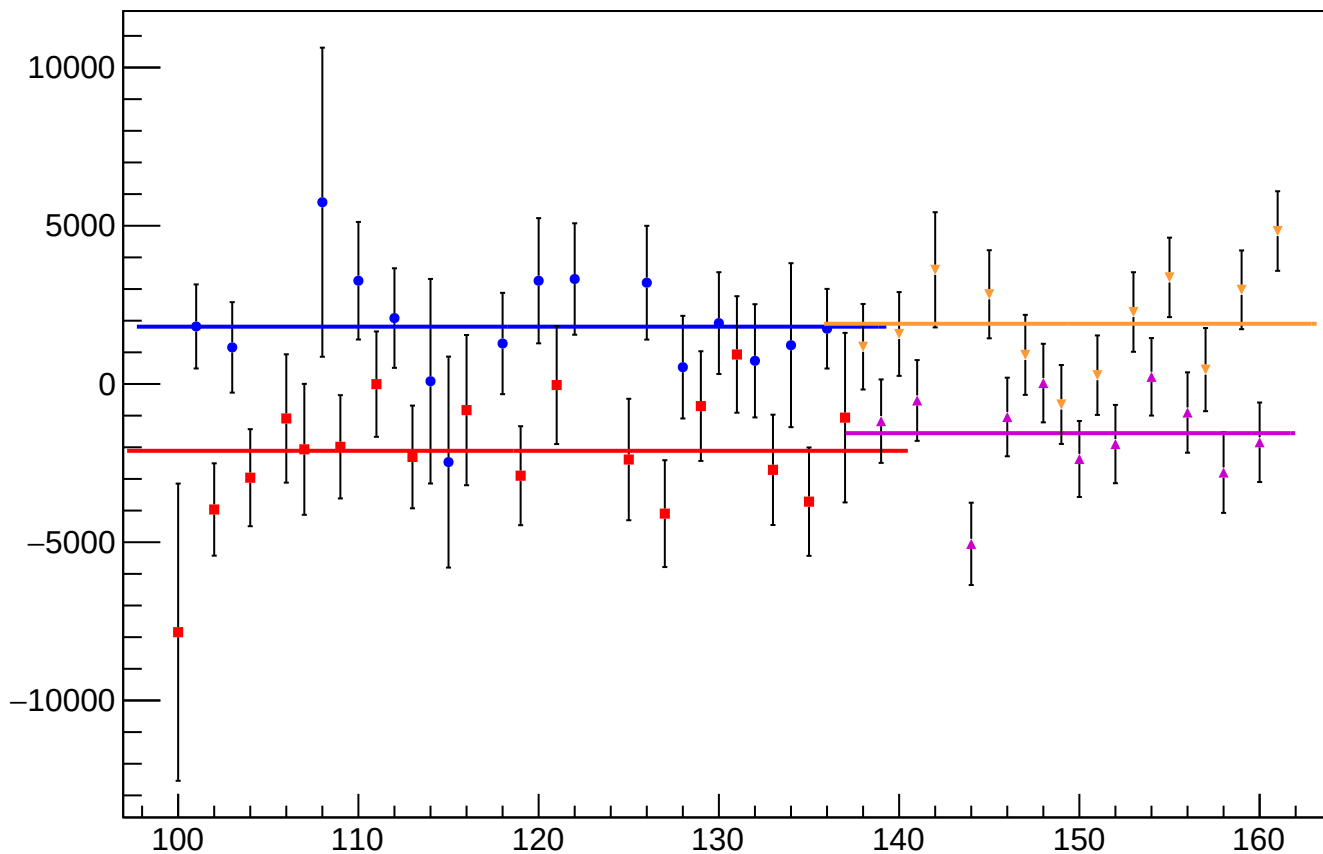
Left In: 971.904 $\pm$ 0.228 χ^2 /NDF: 15370.6/10

+ sign 1019.597 $\pm$ 0.183 χ^2 /NDF: 403605.3/27

All: 1021.419 $\pm$ 0.129 χ^2 /NDF: 921089.7/56

- sign 1023.233 $\pm$ 0.182 χ^2 /NDF: 517285.6/28

dit_asym_usl_mean vs Slug



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

Left Out: 1903.241+/-378.968 χ^2/NDF :17.0/11

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

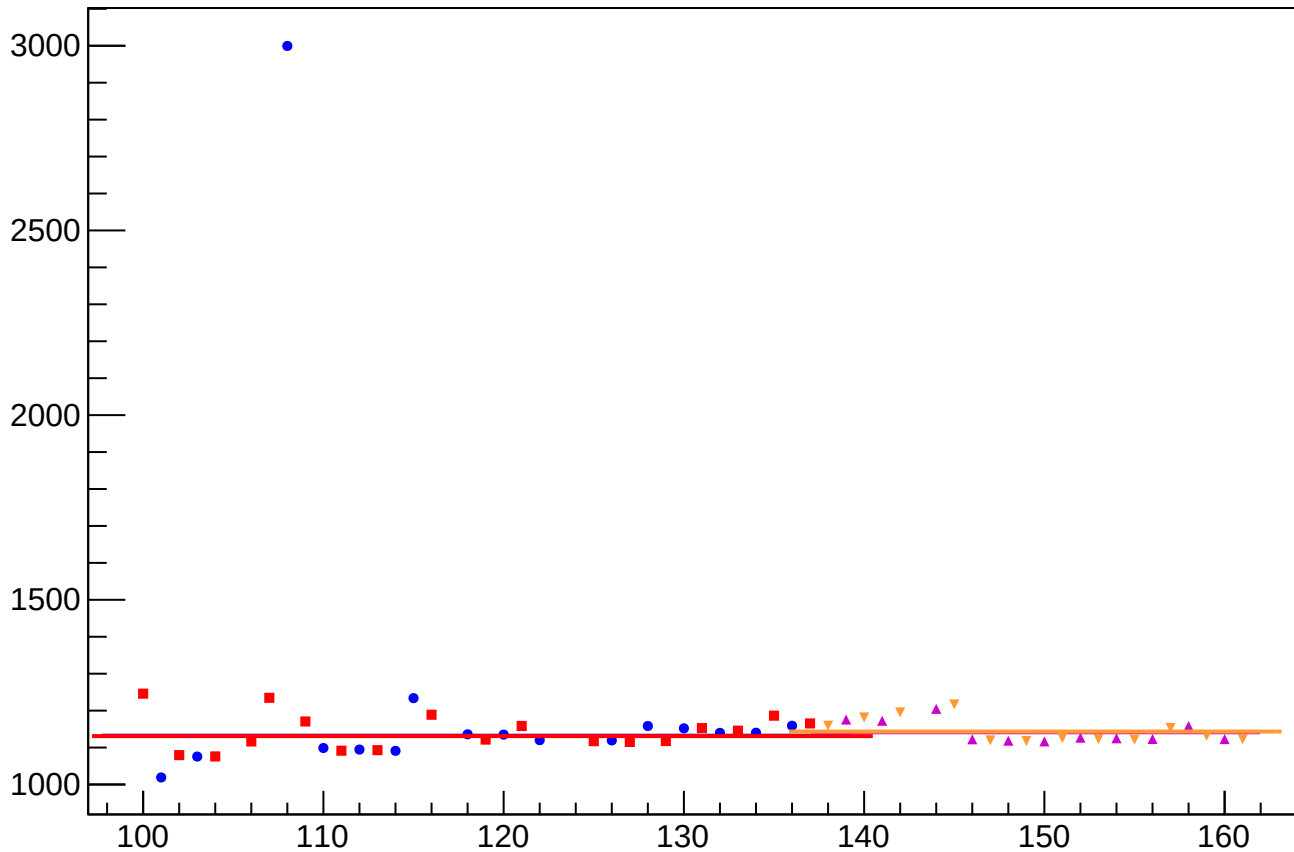
Left In: -1554.305+/-379.056 χ^2/NDF :13.7/10

+ sign 1864.198+/-287.738 χ^2/NDF : 23.4/27

All: 6.425+/-202.009 χ^2/NDF : 133.3/56

- sign -1799.224+/-283.672 χ^2/NDF : 27.7/28

dit_asym_usl_rms vs Slug



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

Left Out: 1143.311+/-0.268 χ^2/NDF : 12993.4/11

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

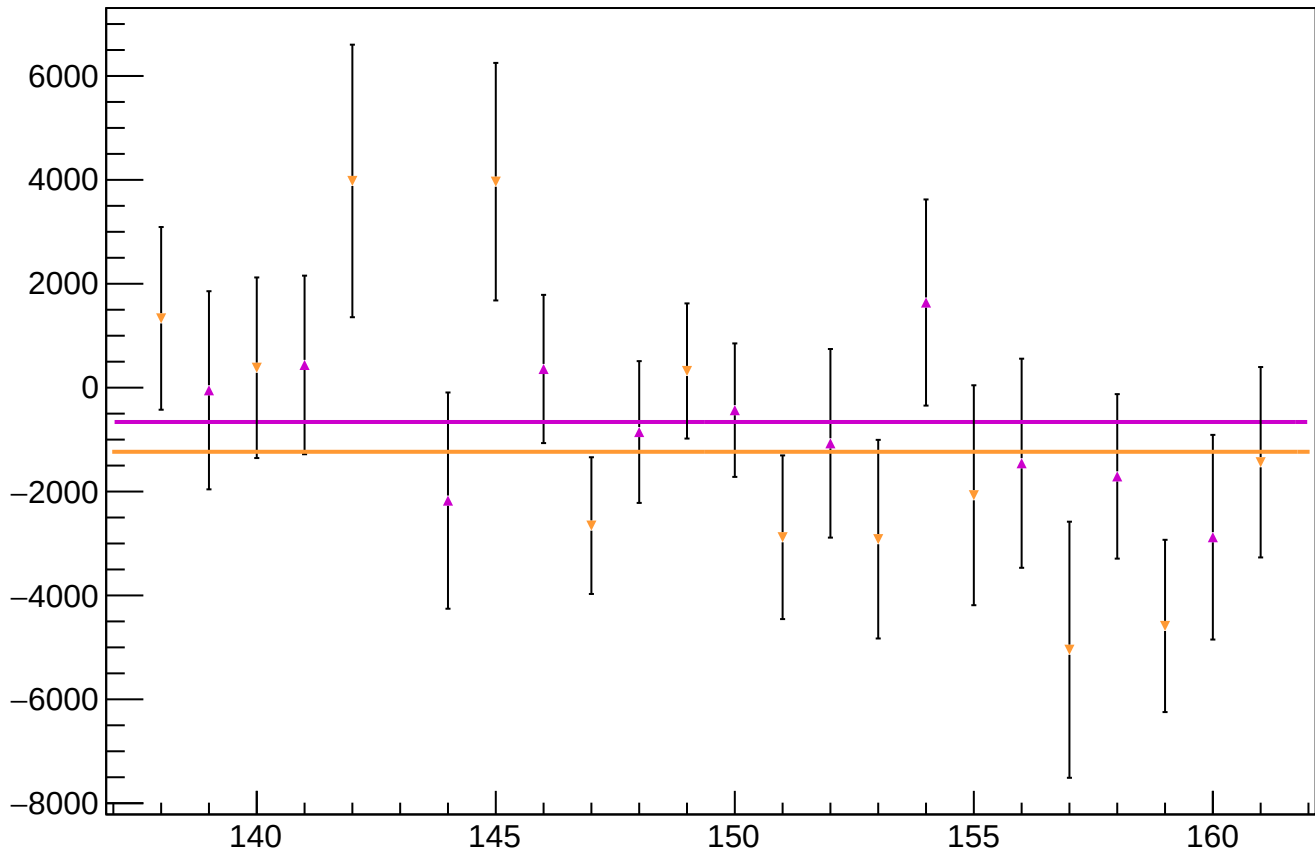
Left In: 1141.345+/-0.268 χ^2/NDF : 11131.6/10

+ sign 1138.552+/-0.203 χ^2/NDF : 329764.3/27

All: 1137.664+/-0.143 χ^2/NDF : 361305.9/56

- sign 1136.801+/-0.201 χ^2/NDF : 31504.1/28

asym_usl_correction_mean vs Slug



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

Left Out: -1234.530+/-507.363 χ^2/NDF : 23.2/11

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

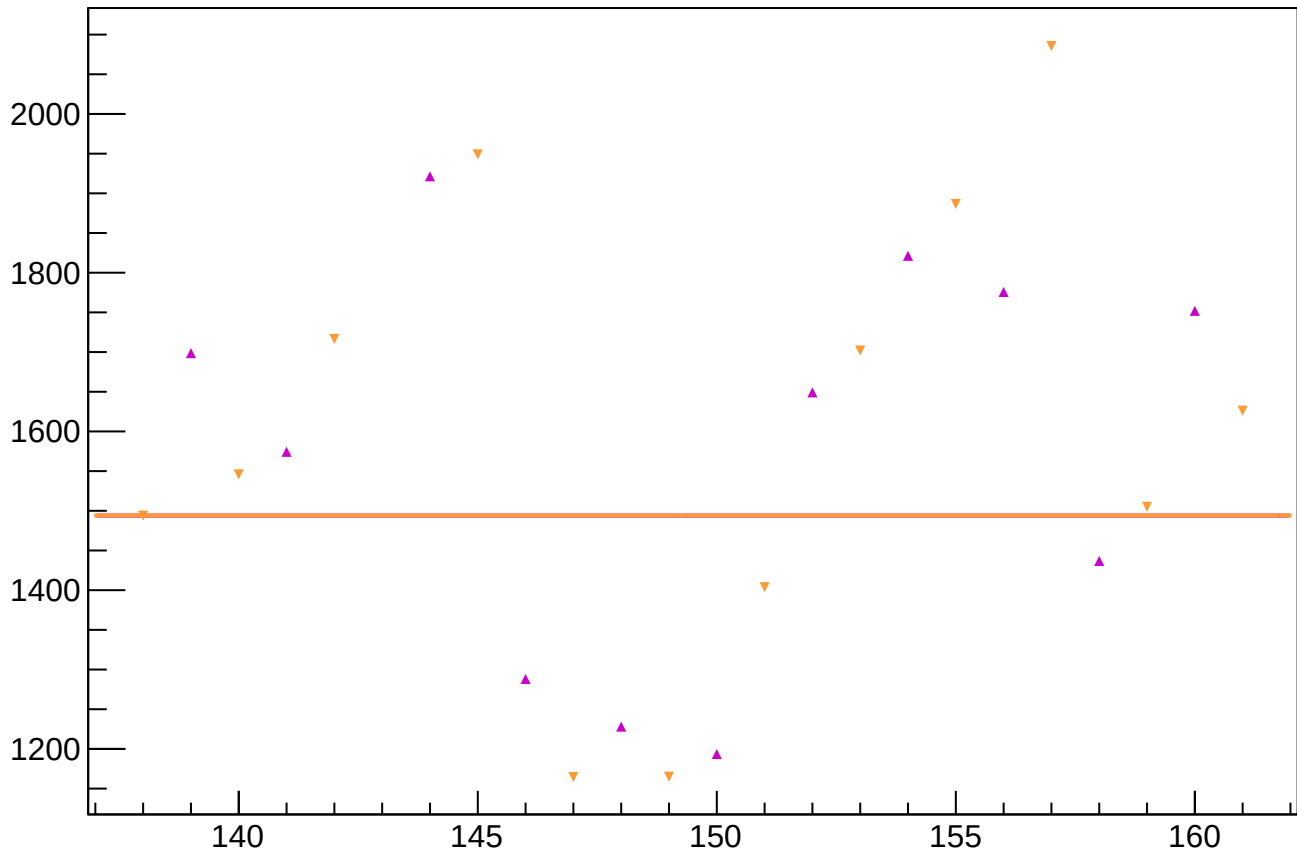
Left In: -660.995+/-503.871 χ^2/NDF : 4.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -945.783+/-357.519 χ^2/NDF : 28.7/22

- 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: 1494.197+/-0.359 χ^2/NDF : 573342.9/11

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

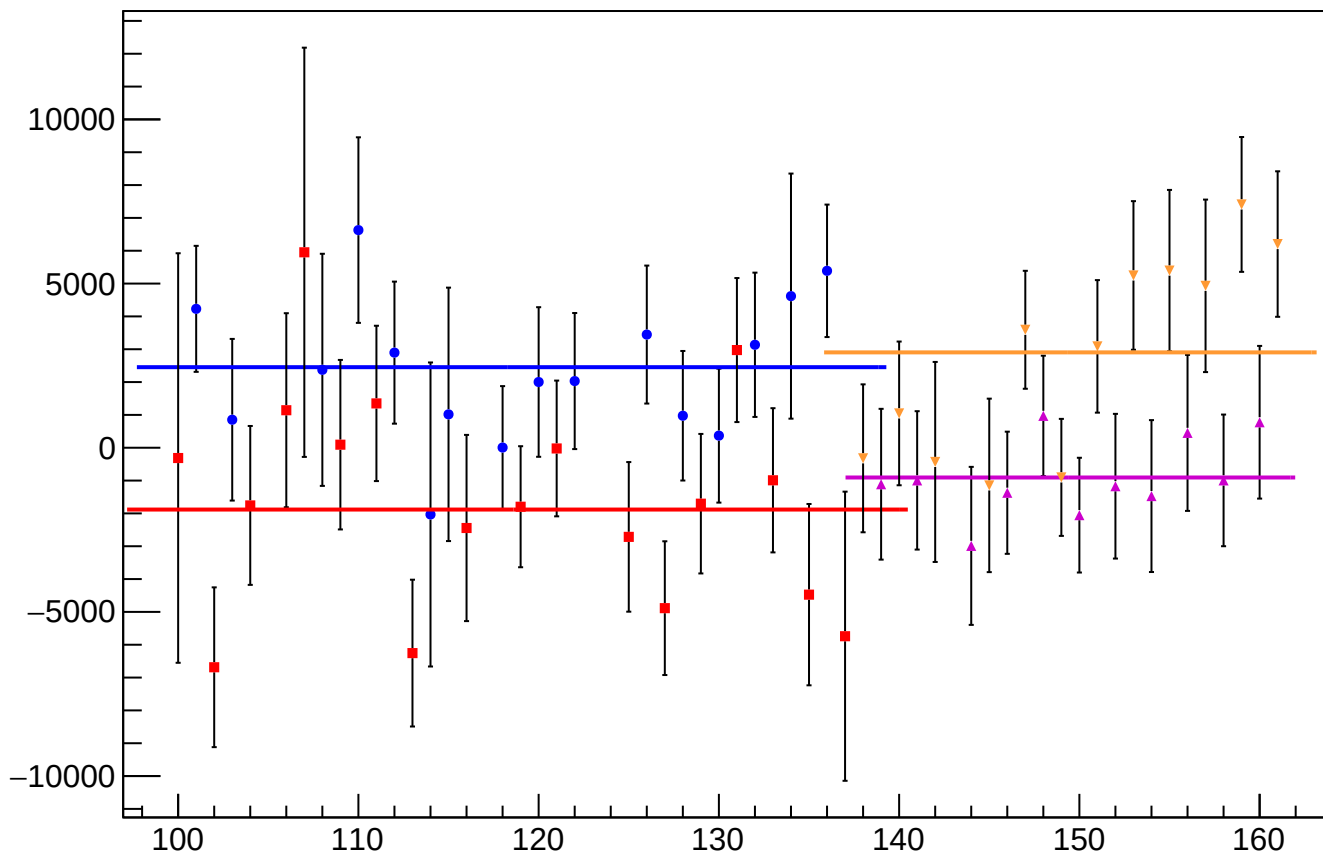
Left In: 1493.926+/-0.356 χ^2/NDF : 483798.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.060+/-0.253 χ^2/NDF : 1057141.3/22

- 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: 2904.229 ± 635.788 χ^2/NDF : 20.8/11

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

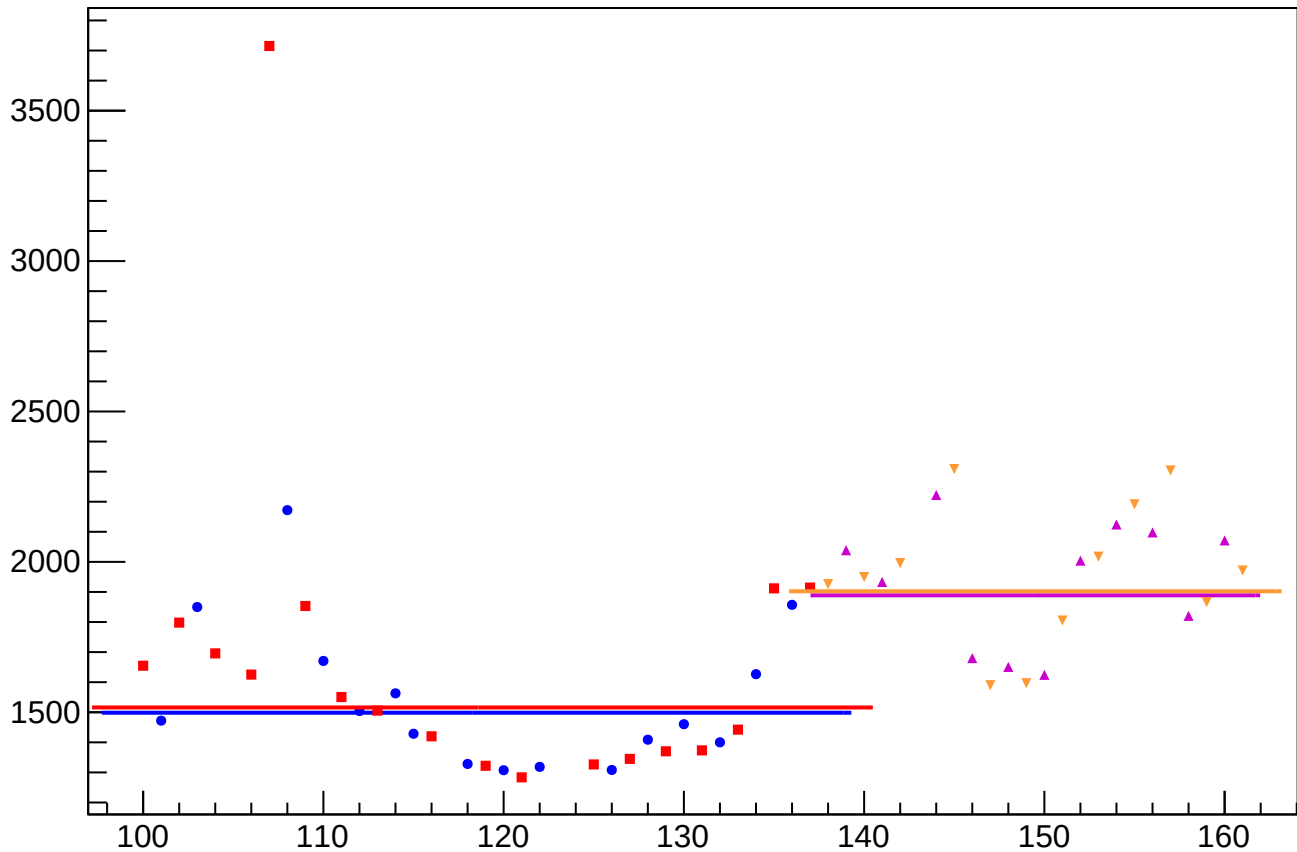
Left In: -906.388 ± 631.812 χ^2/NDF : 3.2/10

+ sign 2659.973 ± 430.218 χ^2/NDF : 31.8/27

All: 605.180 ± 303.614 χ^2/NDF : 104.5/56

- sign -1433.583 ± 428.536 χ^2/NDF : 27.3/28

asym_usl_rms vs Slug



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

Left Out: 1902.278 $\pm$ 0.450 χ^2 /NDF: 256525.8/11

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

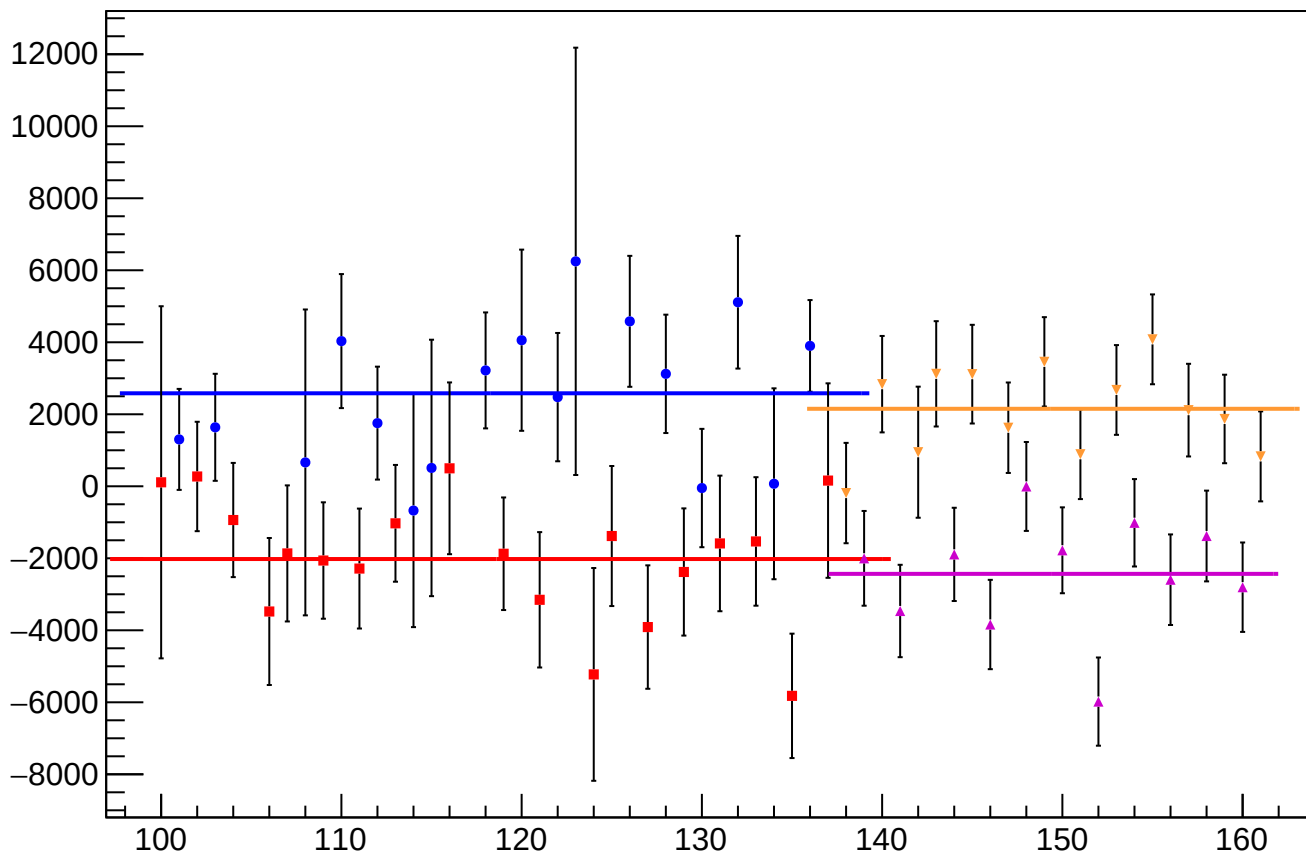
Left In: 1888.748 $\pm$ 0.447 χ^2 /NDF: 208852.1/10

+ sign 1683.374 $\pm$ 0.304 χ^2 /NDF: 952672.3/27

All: 1685.421 $\pm$ 0.215 χ^2 /NDF: 2018134.7/56

- sign 1687.453 $\pm$ 0.303 χ^2 /NDF: 1065372.1/28

dit_asym_usr_mean vs Slug



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

Left Out: 2152.244 $\pm$ 365.344 χ^2 /NDF:10.5/12

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

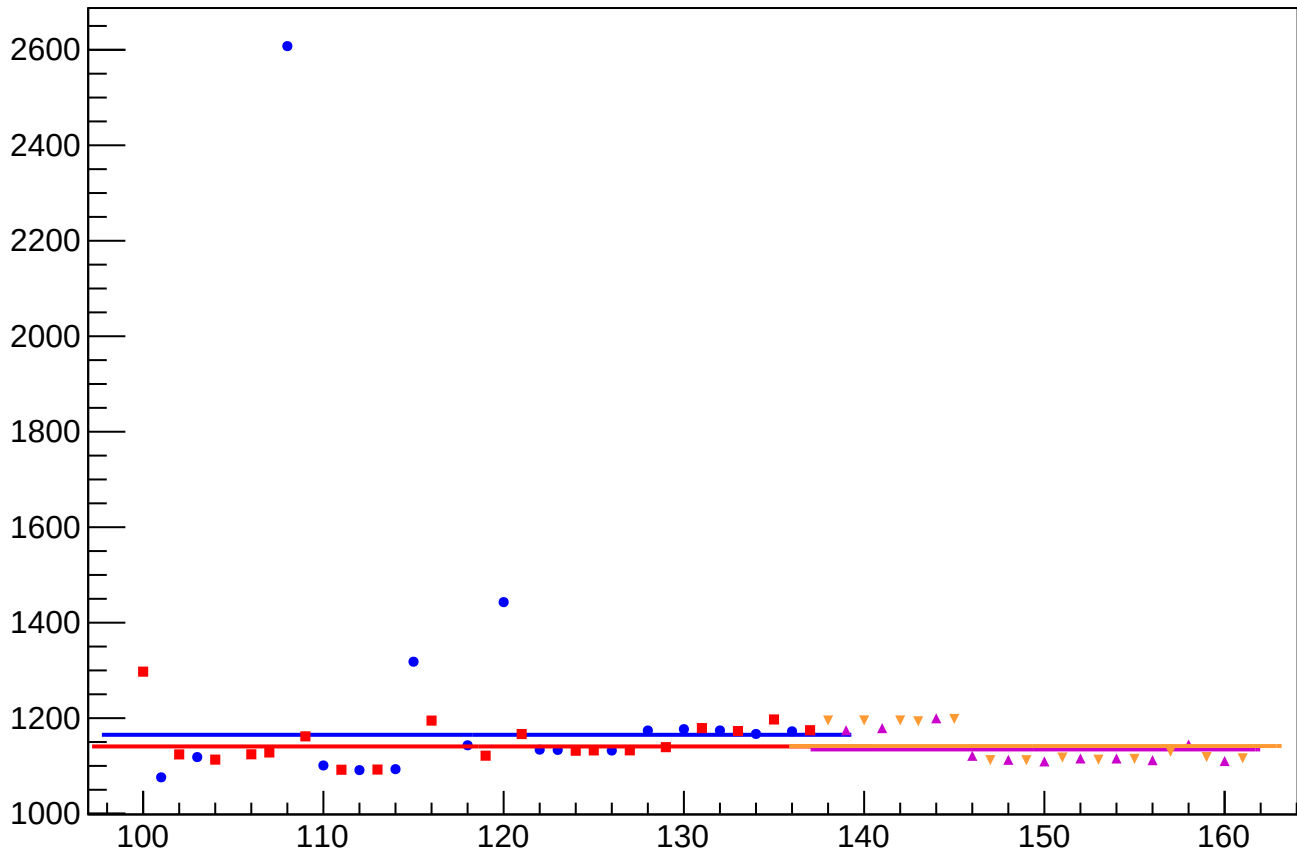
Left In: -2432.644 $\pm$ 376.776 χ^2 /NDF:16.9/10

+ sign 2321.913 $\pm$ 284.430 χ^2 /NDF: 23.3/29

All: 18.849 $\pm$ 200.417 χ^2 /NDF: 184.5/59

- sign -2252.211 $\pm$ 282.447 χ^2 /NDF: 31.0/29

dit_asym_usr_rms vs Slug



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

Left Out: 1141.590 ± 0.258 χ^2/NDF : 20530.7/12

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

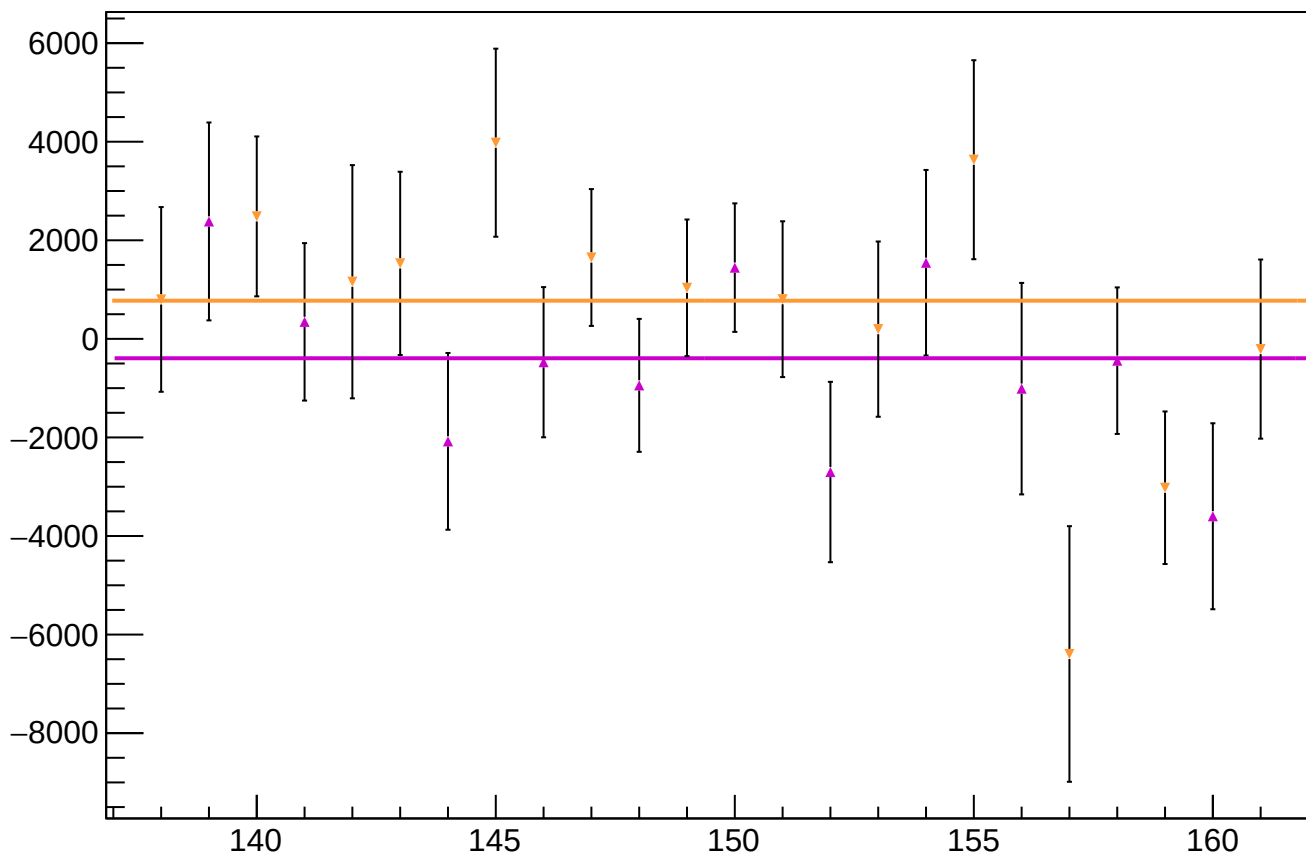
Left In: 1134.486 ± 0.266 χ^2/NDF : 13601.4/10

+ sign 1150.869 ± 0.201 χ^2/NDF : 302375.9/29

All: 1144.002 ± 0.142 χ^2/NDF : 331252.3/59

- sign 1137.231 ± 0.200 χ^2/NDF : 26561.3/29

asym_usr_correction_mean vs Slug



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

Left Out: 774.587+/-483.507 χ^2/NDF : 20.6/12

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

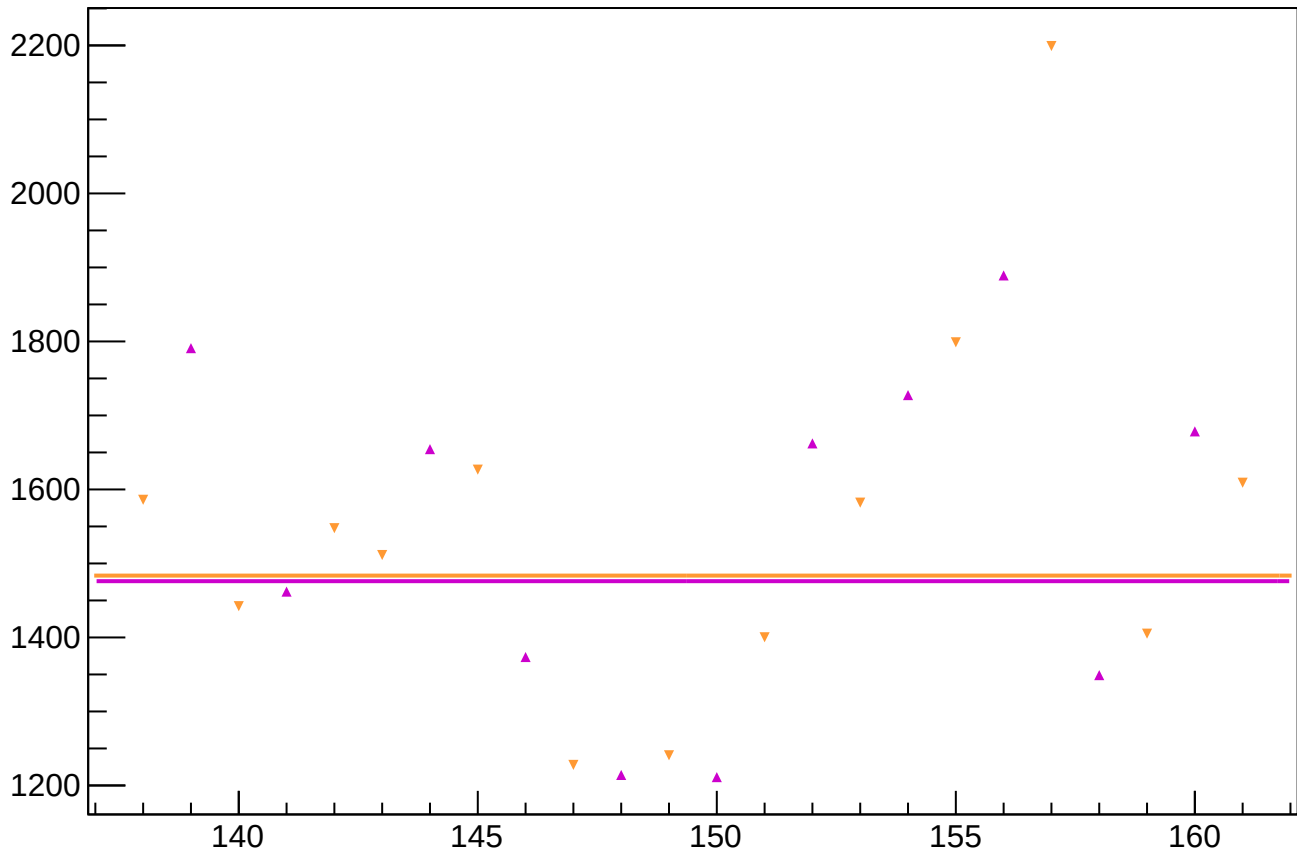
Left In: -393.497+/-496.836 χ^2/NDF : 10.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.424+/-346.508 χ^2/NDF : 34.2/23

- 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: 1483.590+/-0.342 χ^2/NDF : 377154.5/12

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

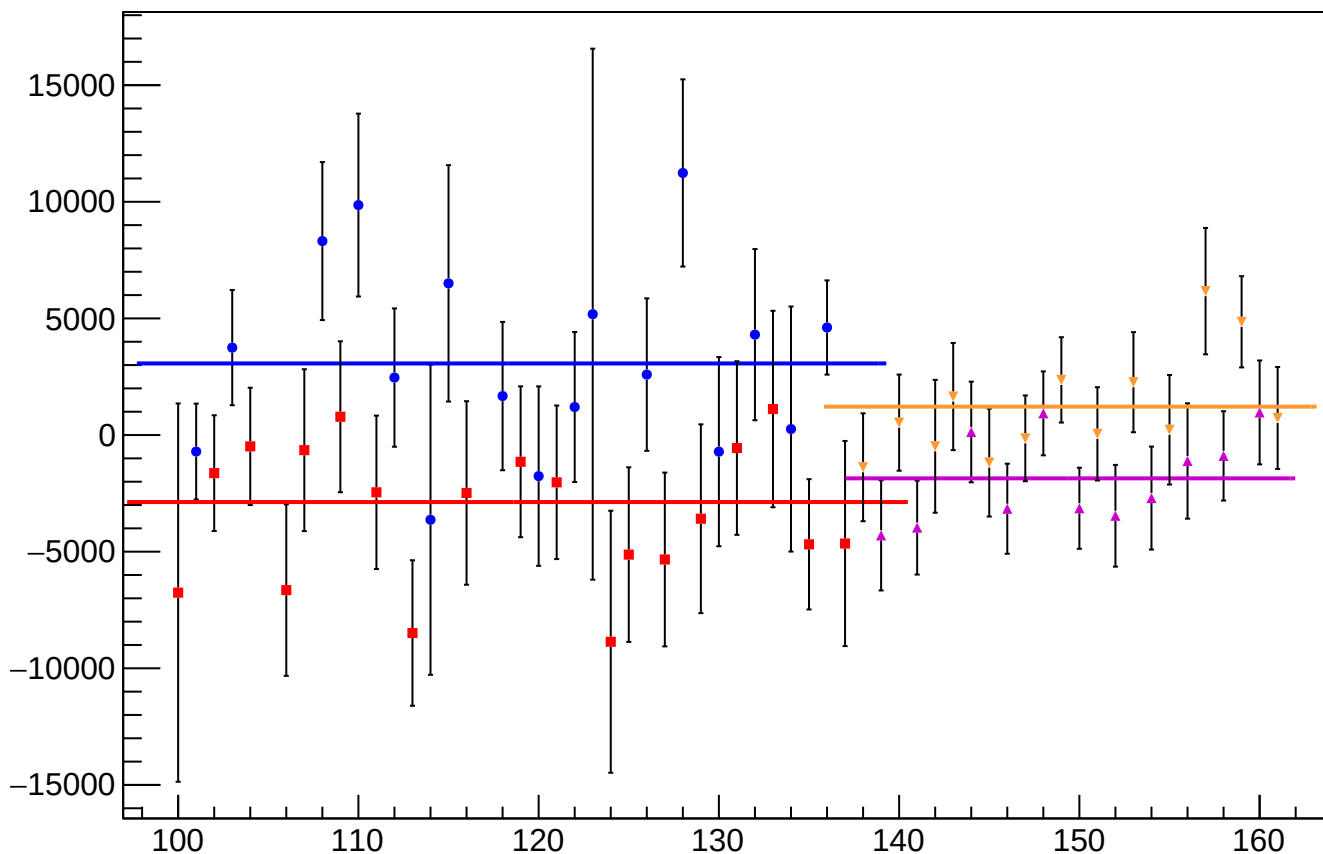
Left In: 1476.046+/-0.351 χ^2/NDF : 404197.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1479.921+/-0.245 χ^2/NDF : 781588.4/23

- 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: 1217.417 $\pm$ 600.614 χ^2 /NDF: 11.4/12

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

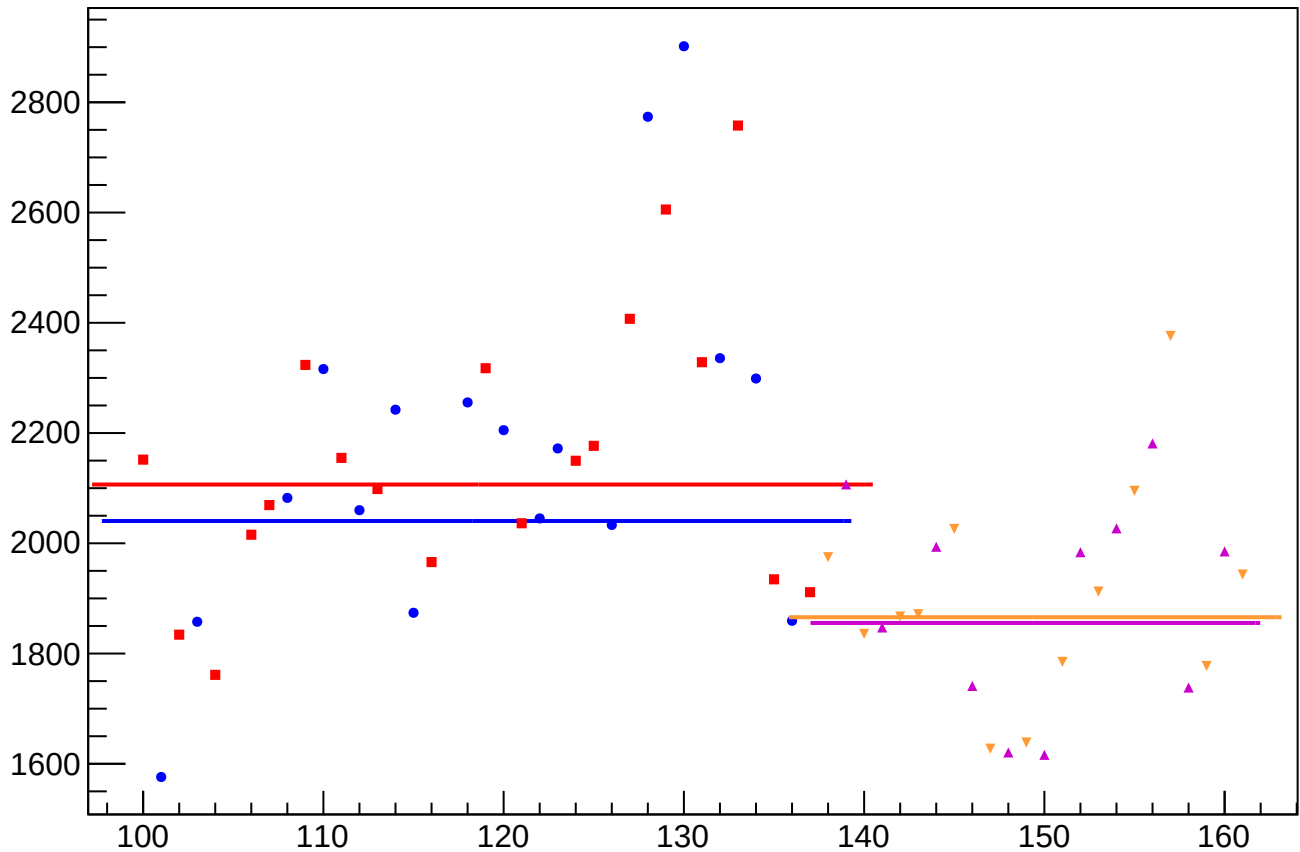
Left In: -1856.771 $\pm$ 619.914 χ^2 /NDF: 9.1/10

+ sign 1887.450 $\pm$ 479.824 χ^2 /NDF: 33.4/29

All: -137.764 $\pm$ 342.465 χ^2 /NDF: 91.3/59

- sign -2240.673 $\pm$ 488.941 χ^2 /NDF: 21.6/29

asym_usr_rms vs Slug



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

Left Out: 1865.903+/-0.425 χ^2/NDF : 179820.4/12

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

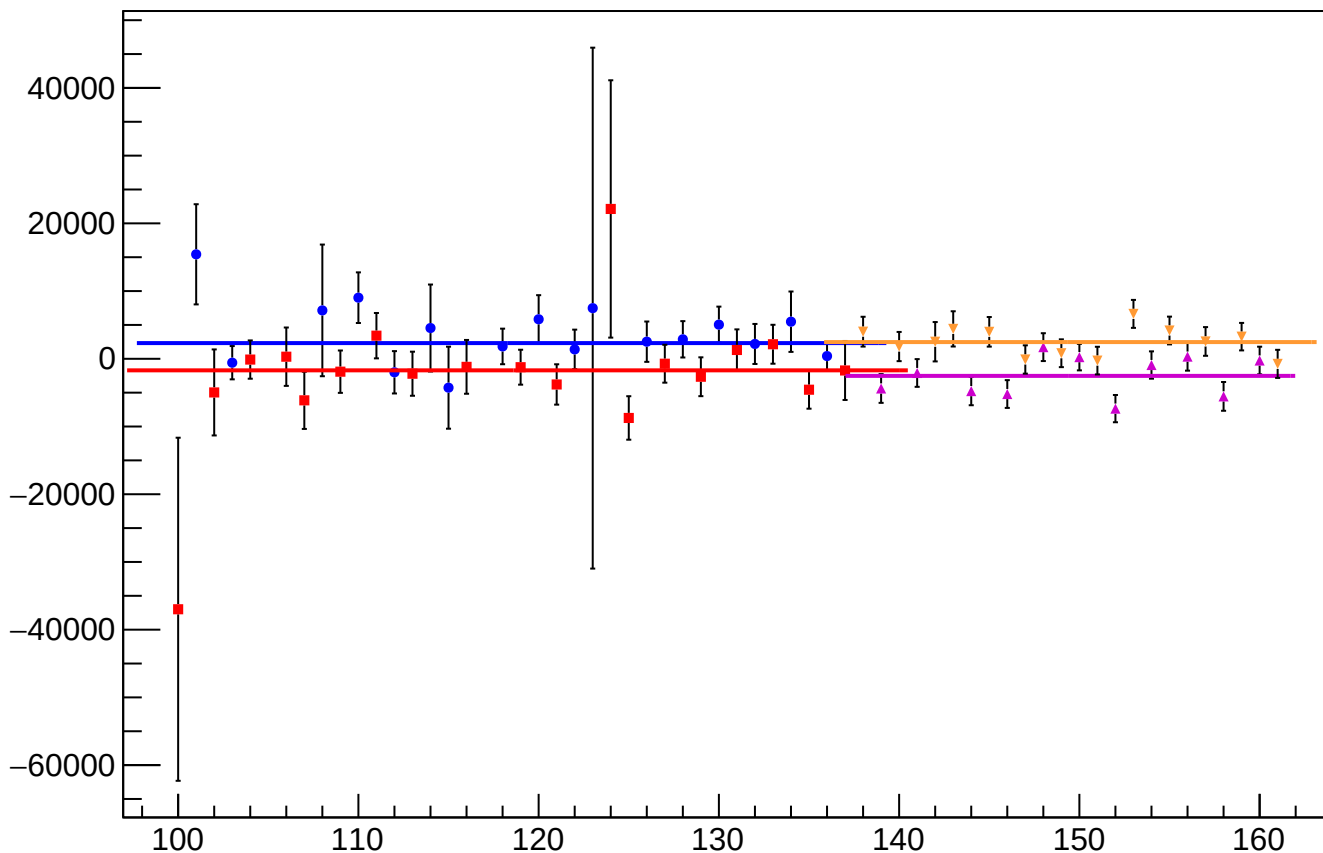
Left In: 1855.489+/-0.438 χ^2/NDF : 177826.0/10

+ sign 1929.044+/-0.339 χ^2/NDF : 572257.7/29

All: 1939.519+/-0.242 χ^2/NDF : 1071485.0/59

- sign 1950.397+/-0.346 χ^2/NDF : 497284.2/29

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2468.802 $\pm$ 600.523 χ^2 /NDF:12.9/12

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

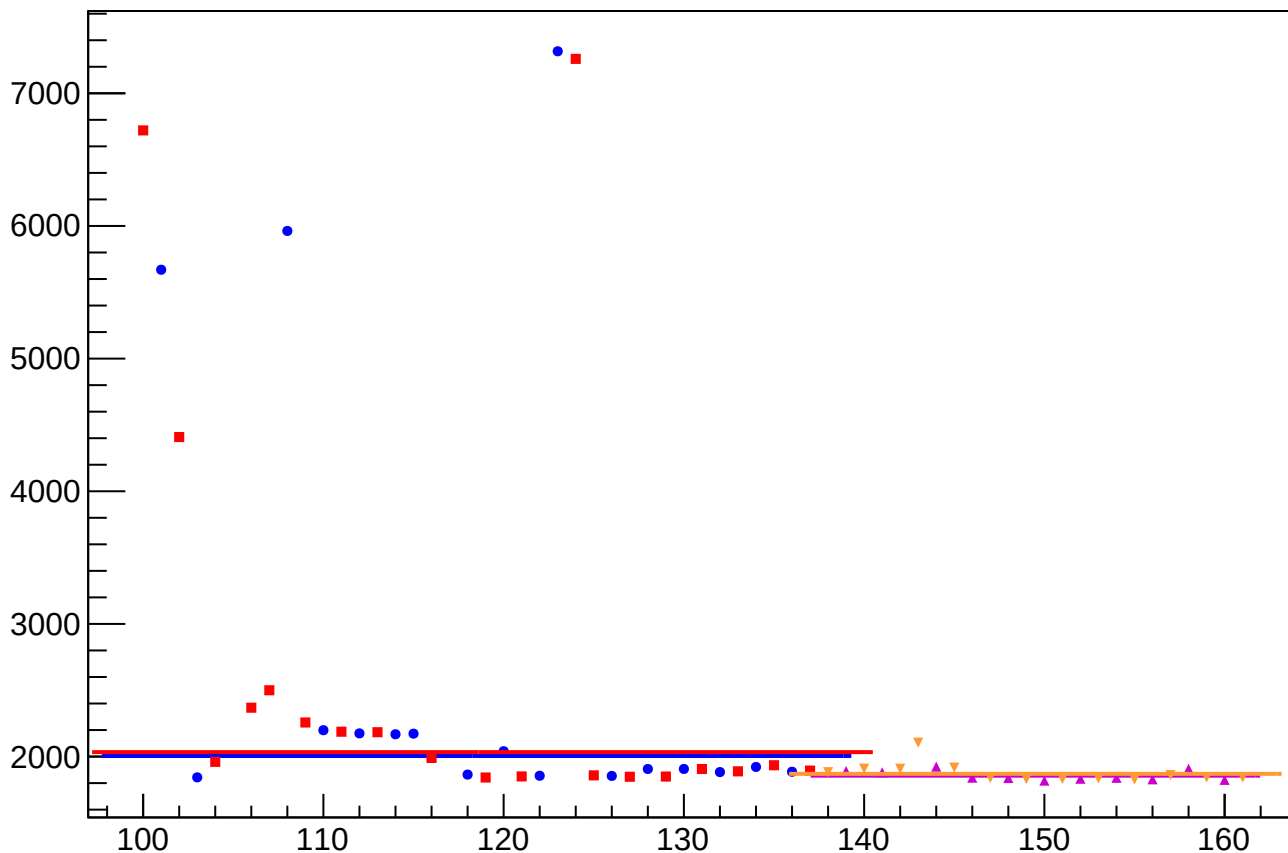
Left In: -2522.800 $\pm$ 618.681 χ^2 /NDF:21.5/10

+ sign 2414.951 $\pm$ 480.579 χ^2 /NDF: 27.7/29

All: 126.247 $\pm$ 341.511 χ^2 /NDF: 112.9/59

- sign -2208.591 $\pm$ 485.398 χ^2 /NDF: 39.3/29

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1869.955+/-0.425 χ^2/NDF : 22404.3/12

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

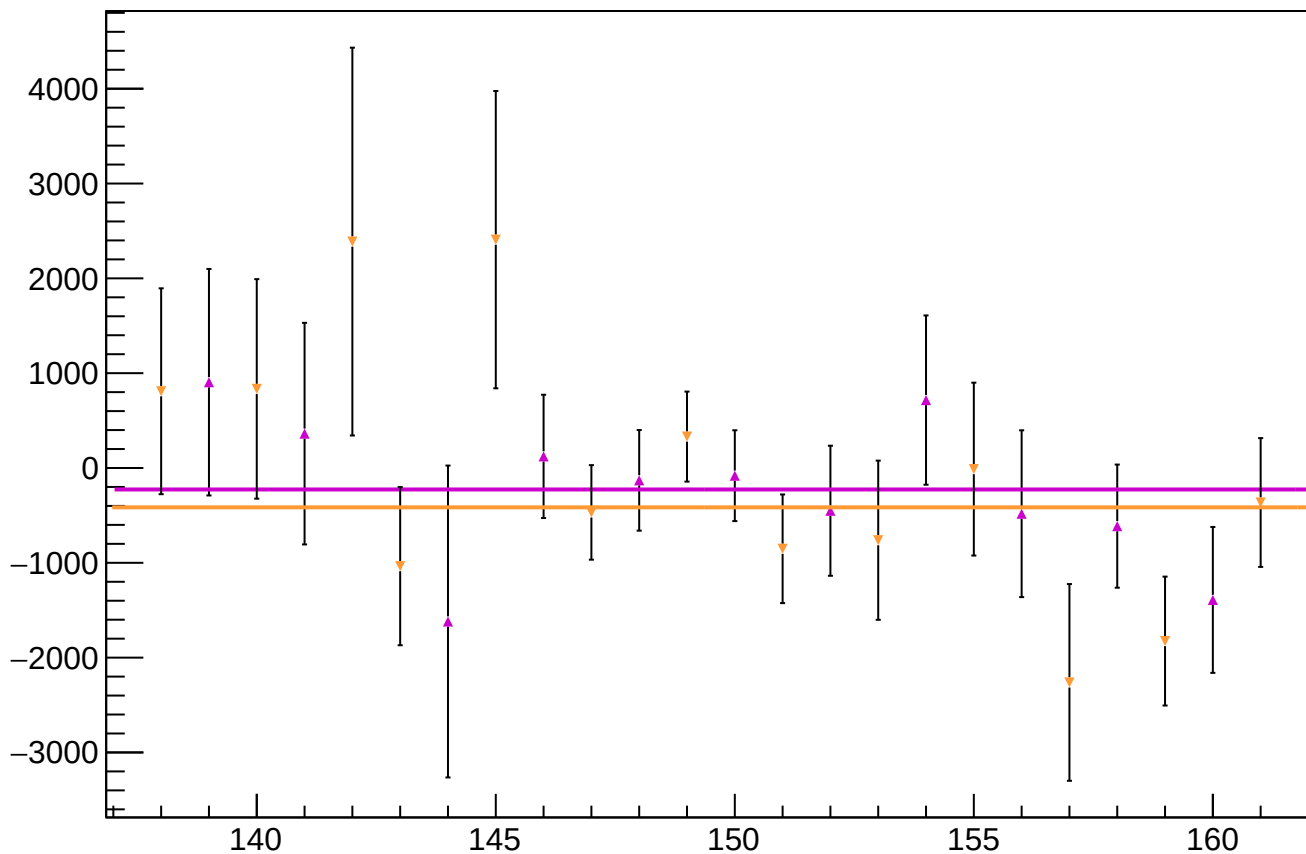
Left In: 1856.073+/-0.437 χ^2/NDF : 6390.1/10

+ sign 1918.352+/-0.340 χ^2/NDF : 974543.4/29

All: 1921.287+/-0.241 χ^2/NDF : 1655324.9/59

- sign 1924.282+/-0.343 χ^2/NDF : 680630.8/29

asym_at1_avg_correction_mean vs Slug



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

Left Out: -415.002 $\pm$ 208.195 χ^2 /NDF:19.0/12

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

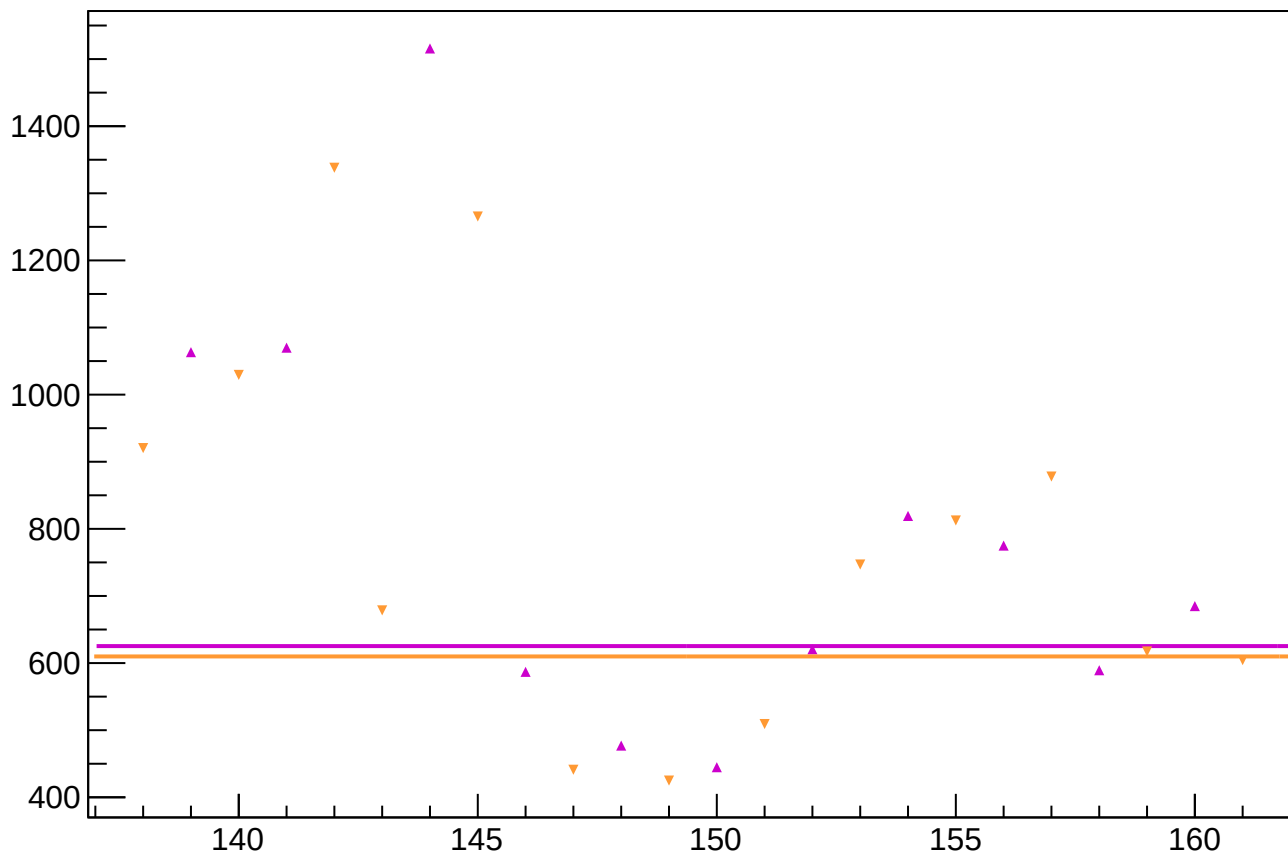
Left In: -226.458 $\pm$ 219.189 χ^2 /NDF:6.2/10

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

All: -325.577 $\pm$ 150.953 χ^2 /NDF: 25.6/23

- 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: 609.882+/-0.147 χ^2/NDF :1924025.9/12

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

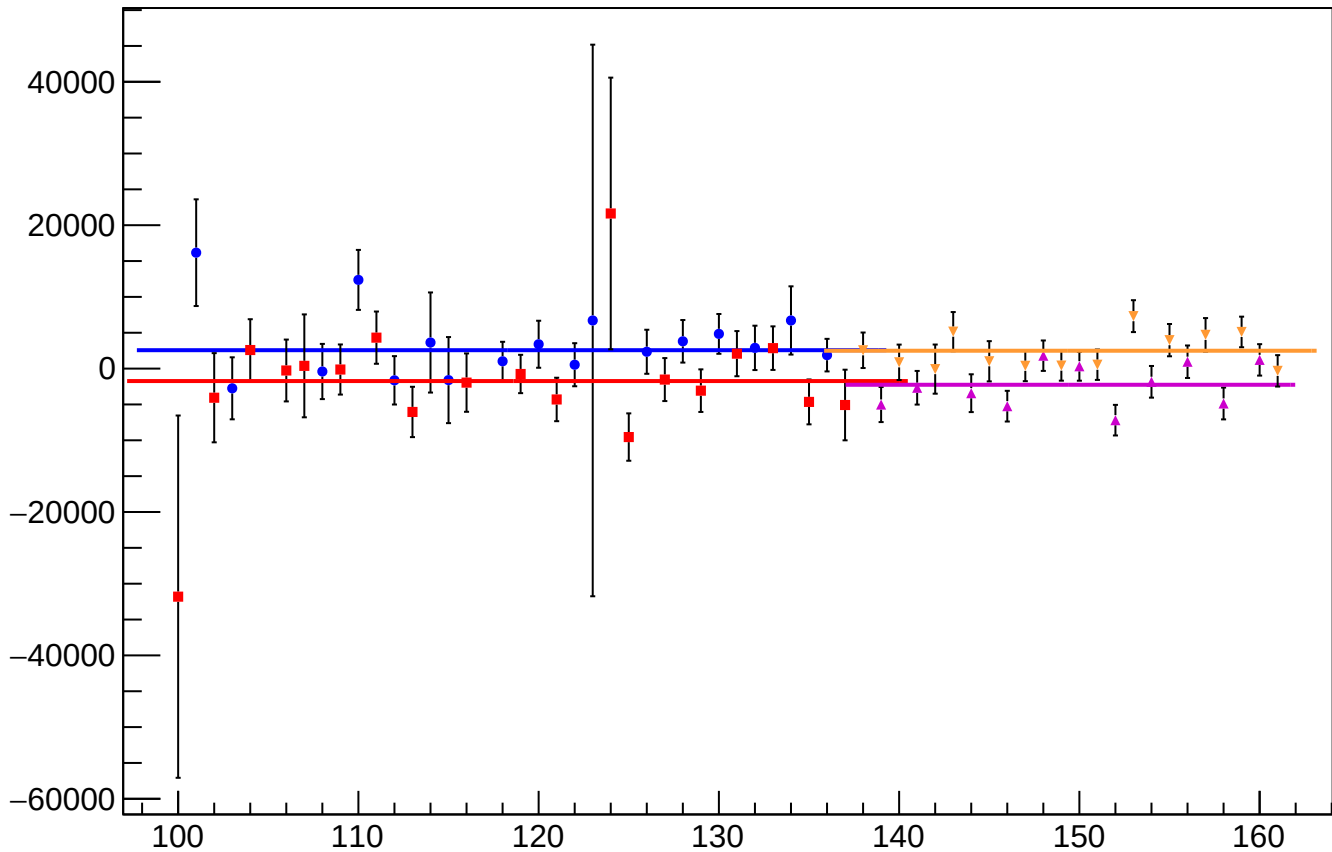
Left In: 625.311+/-0.155 χ^2/NDF :1762604.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.200+/-0.107 χ^2/NDF : 3691840.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



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

Left Out: 2491.216 $\pm$ 652.445 χ^2 /NDF:14.2/12

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

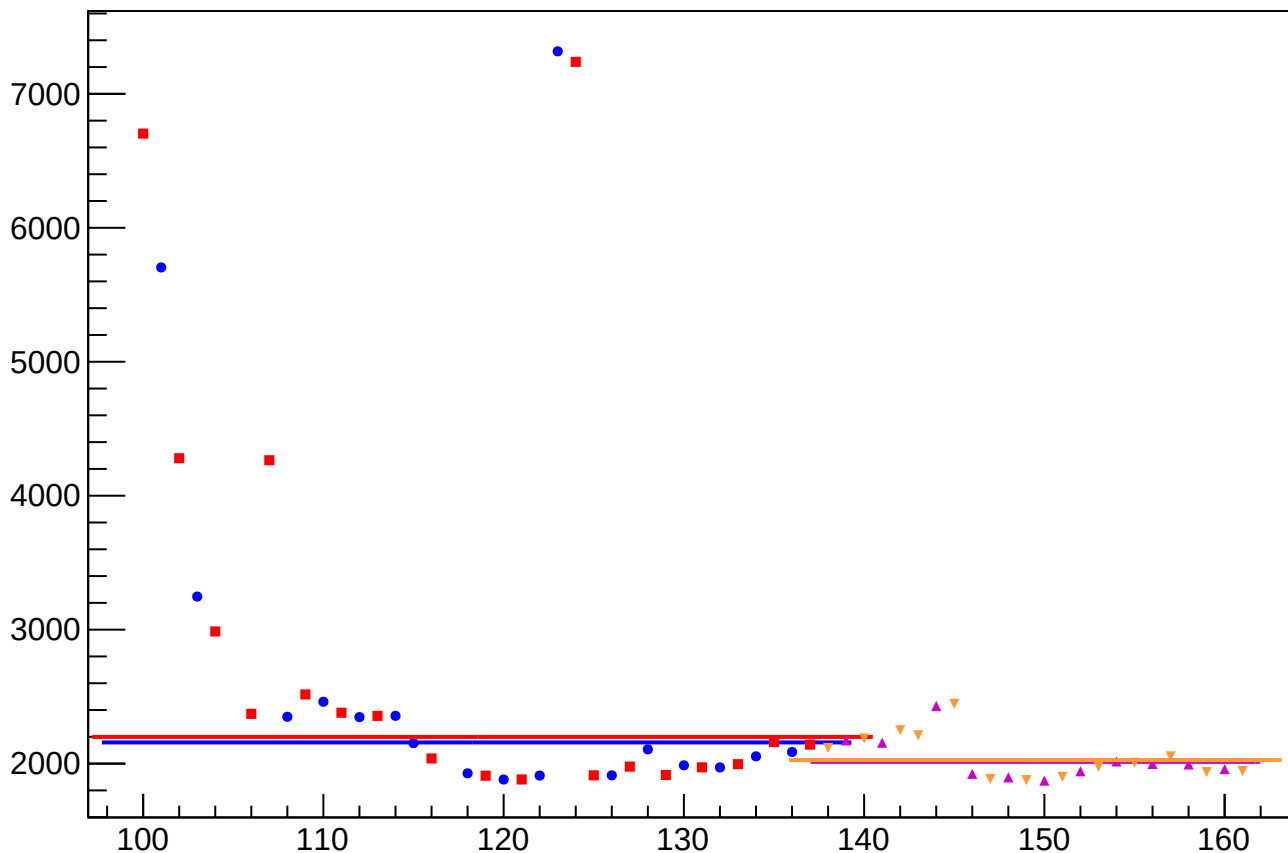
Left In: -2256.349 $\pm$ 672.595 χ^2 /NDF:20.0/10

+ sign 2518.986 $\pm$ 518.921 χ^2 /NDF: 29.7/29

All: 271.267 $\pm$ 370.169 χ^2 /NDF: 108.7/59

- sign -2057.556 $\pm$ 528.200 χ^2 /NDF: 40.8/29

asym_at1_avg_rms vs Slug



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

Left Out: 2026.506 $\pm$ 0.461 χ^2 /NDF:107067.3/12

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

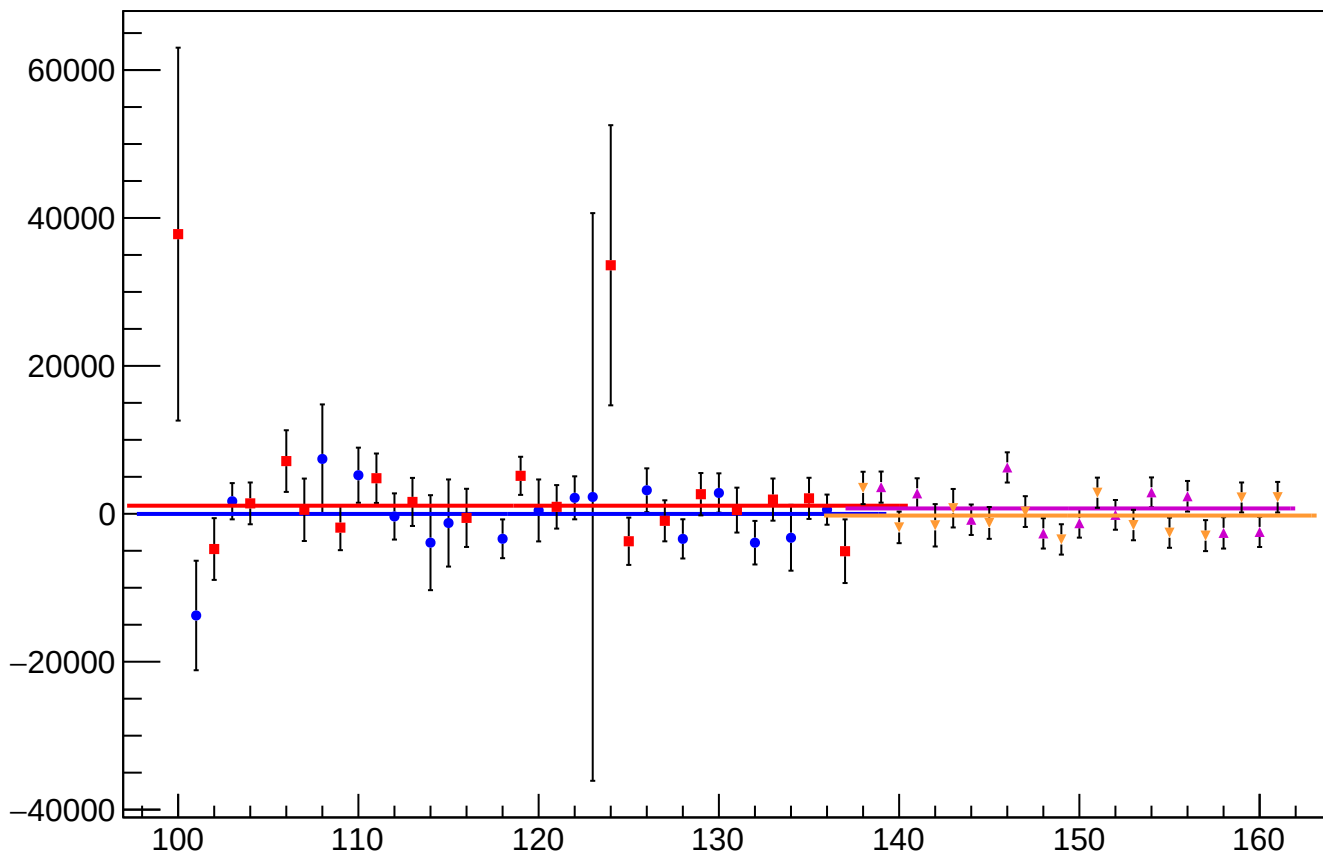
Left In: 2013.017 $\pm$ 0.476 χ^2 /NDF:88676.6/10

+ sign 2074.874 $\pm$ 0.367 χ^2 /NDF: 850845.1/29

All: 2079.569 $\pm$ 0.262 χ^2 /NDF: 1801704.9/59

- sign 2084.432 $\pm$ 0.373 χ^2 /NDF: 950526.6/29

dit_asym_at1_dd_mean vs Slug



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

Left Out: -237.127 ± 597.378 χ^2/NDF : 15.1/12

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

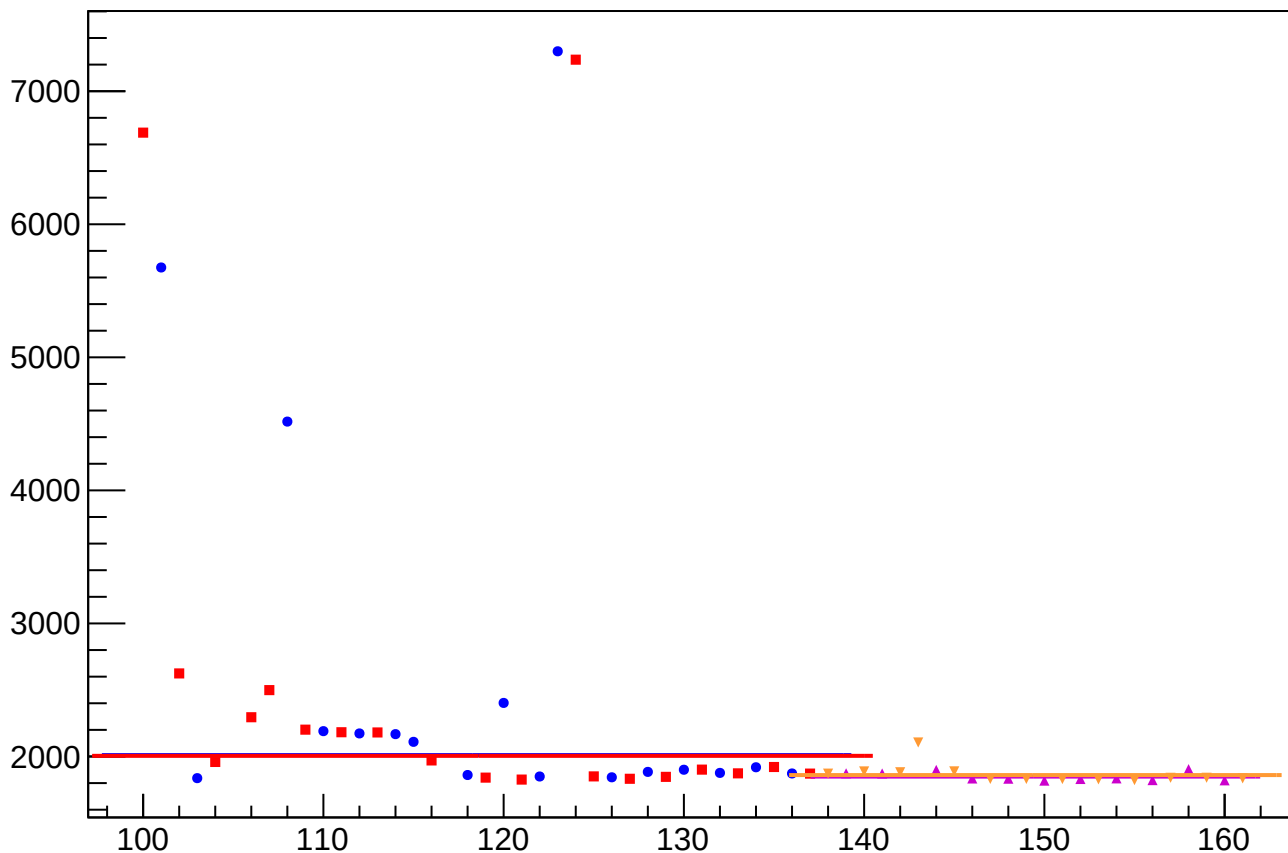
Left In: 724.872 ± 616.226 χ^2/NDF : 21.4/10

+ sign -158.958 ± 478.955 χ^2/NDF : 31.0/29

All: 353.076 ± 339.412 χ^2/NDF : 74.3/59

- sign 869.610 ± 481.055 χ^2/NDF : 41.0/29

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1860.280 $\pm$ 0.422 χ^2 /NDF:21642.7/12

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

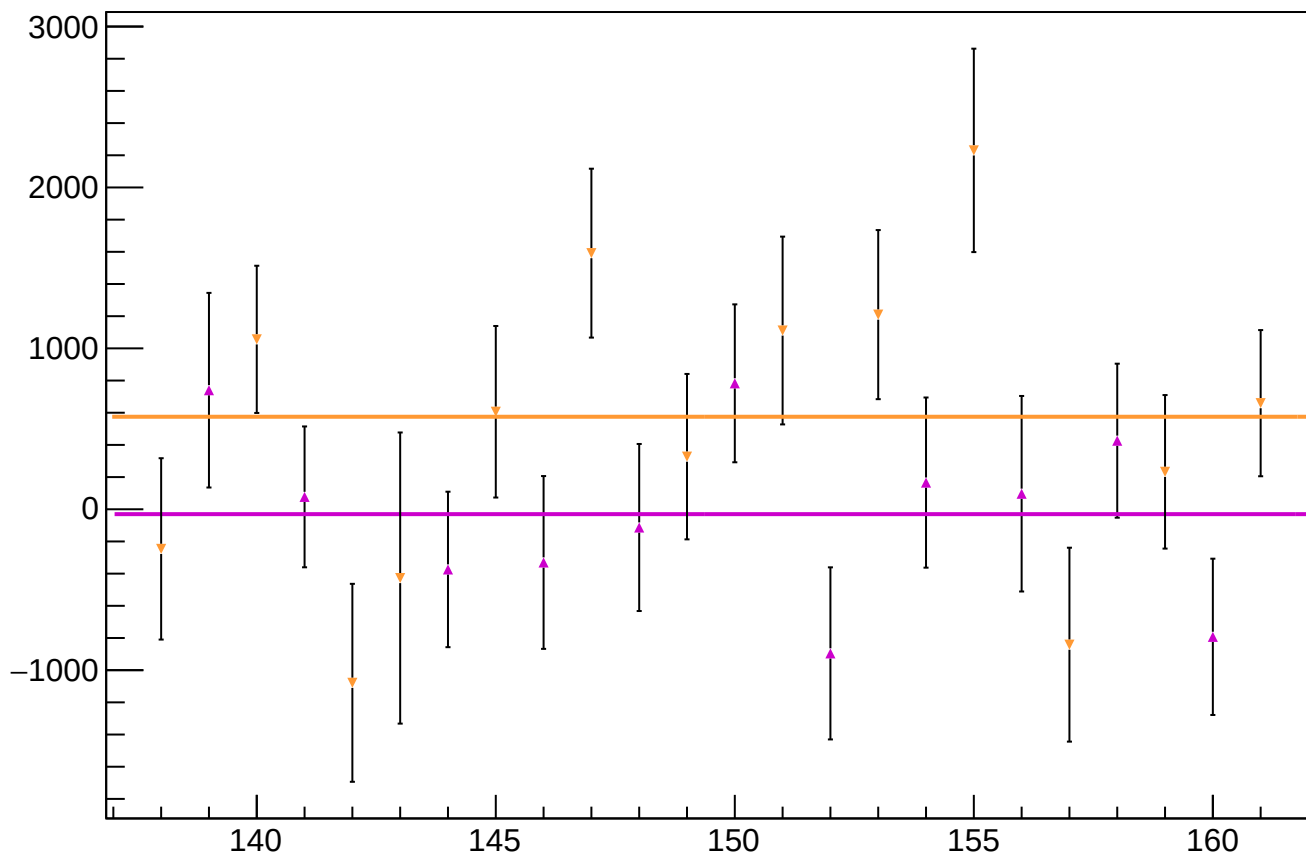
Left In: 1848.829 $\pm$ 0.436 χ^2 /NDF:4784.9/10

+ sign 1913.854 $\pm$ 0.339 χ^2 /NDF: 906424.9/29

All: 1911.827 $\pm$ 0.240 χ^2 /NDF: 1328892.5/59

- sign 1909.782 $\pm$ 0.340 χ^2 /NDF: 422395.7/29

asym_at1_dd_correction_mean vs Slug



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

Left Out: 575.020+/-151.133 χ^2/NDF : 30.9/12

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

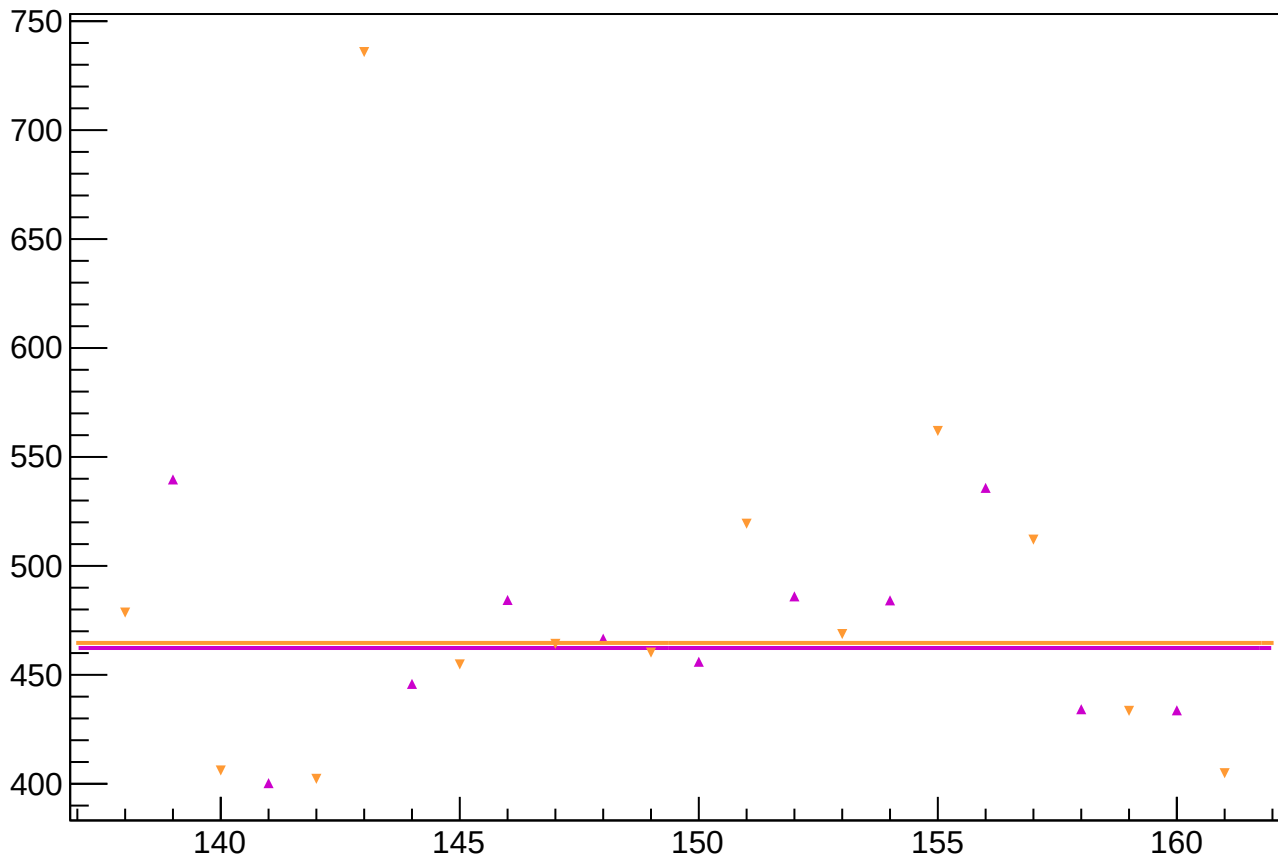
Left In: -30.276+/-154.381 χ^2/NDF : 11.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.807+/-107.997 χ^2/NDF : 50.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_correction_rms vs Slug



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

Left Out: 464.653+/-0.107 χ^2/NDF : 355711.6/12

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

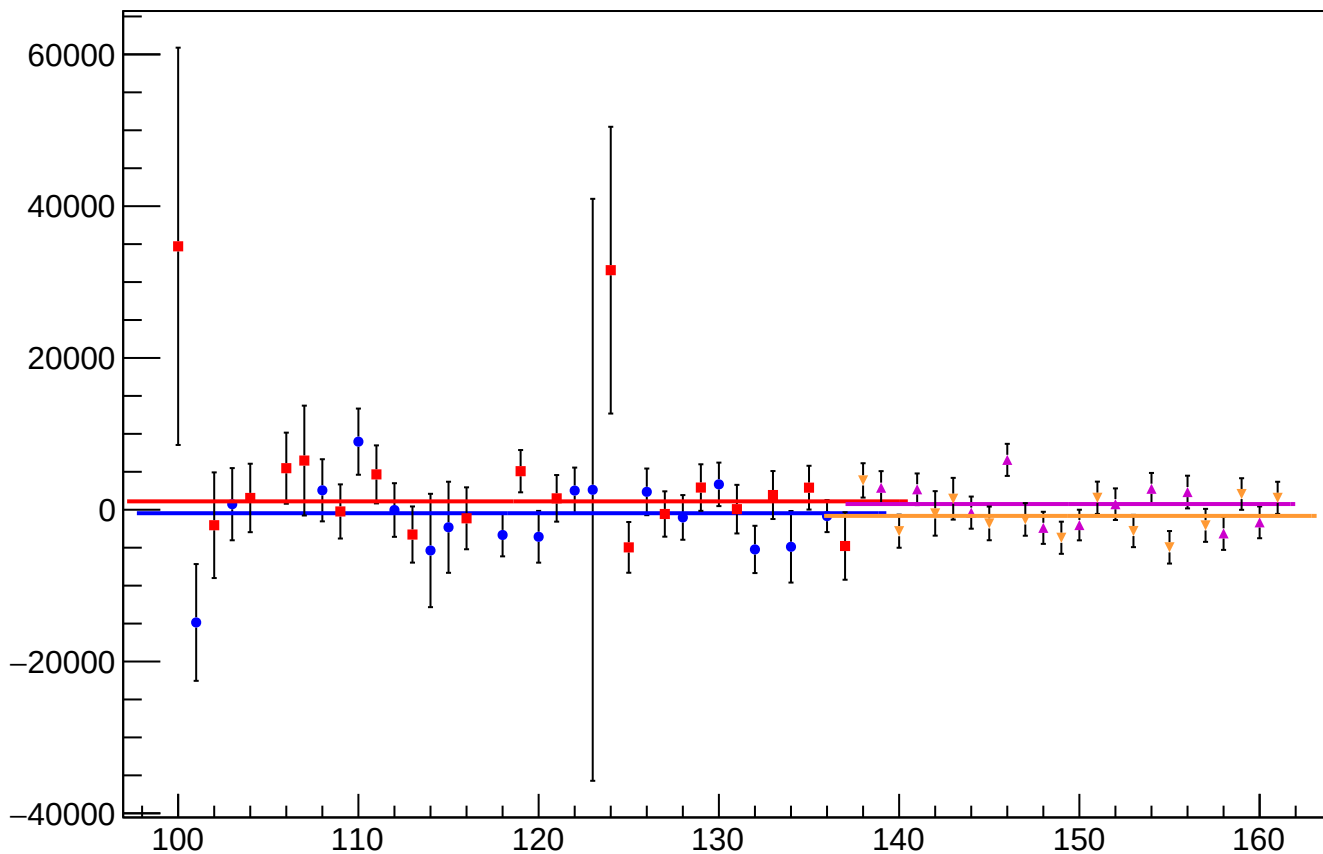
Left In: 462.321+/-0.109 χ^2/NDF : 129477.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.512+/-0.076 χ^2/NDF : 485422.2/23

- 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: -811.108 ± 617.652 χ^2/NDF : 17.3/12

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

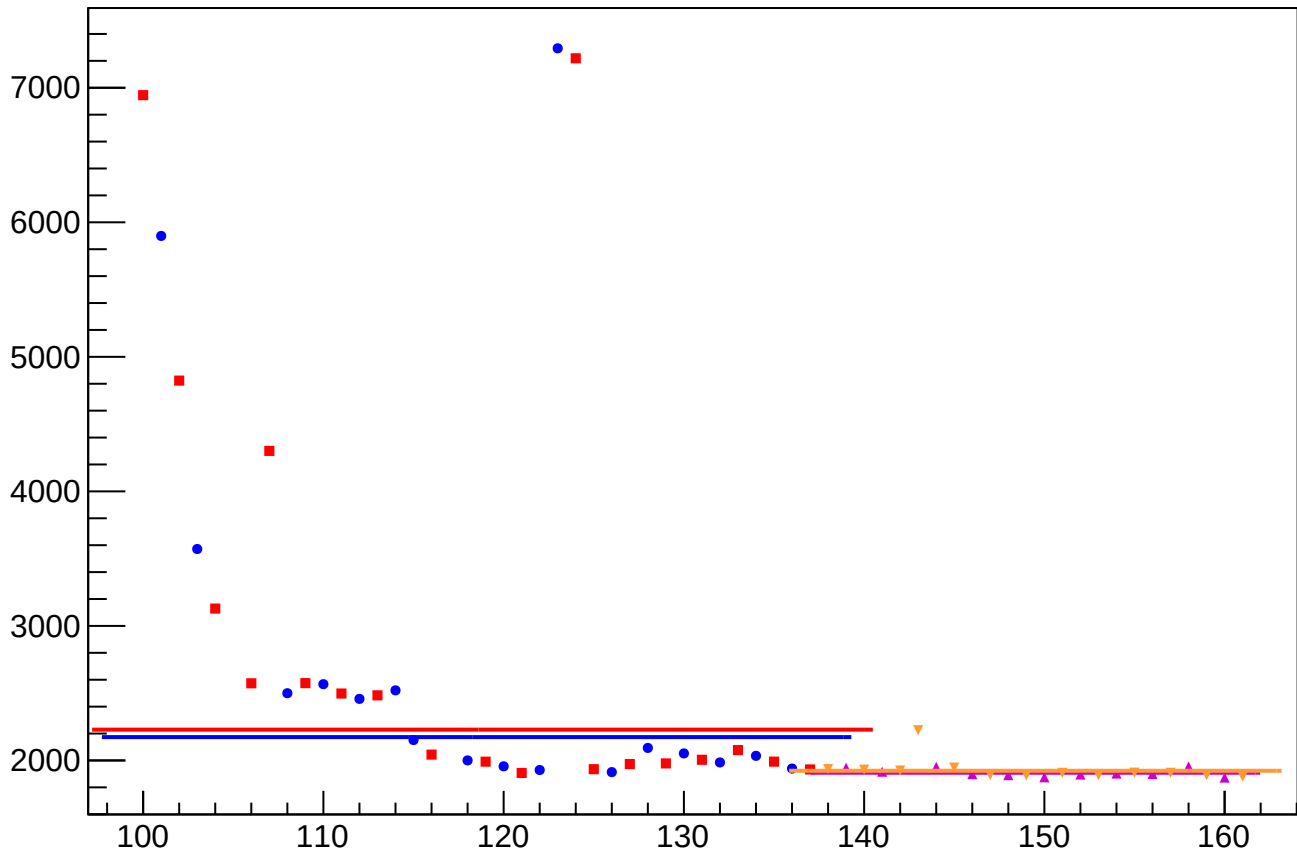
Left In: 750.835 ± 636.068 χ^2/NDF : 19.7/10

+ sign -692.000 ± 502.690 χ^2/NDF : 35.4/29

All: 75.519 ± 359.006 χ^2/NDF : 77.0/59

- sign 874.487 ± 512.886 χ^2/NDF : 36.8/29

asym_at1_dd_rms vs Slug



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

Left Out: 1923.408+/-0.437 χ^2/NDF : 27458.5/12

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

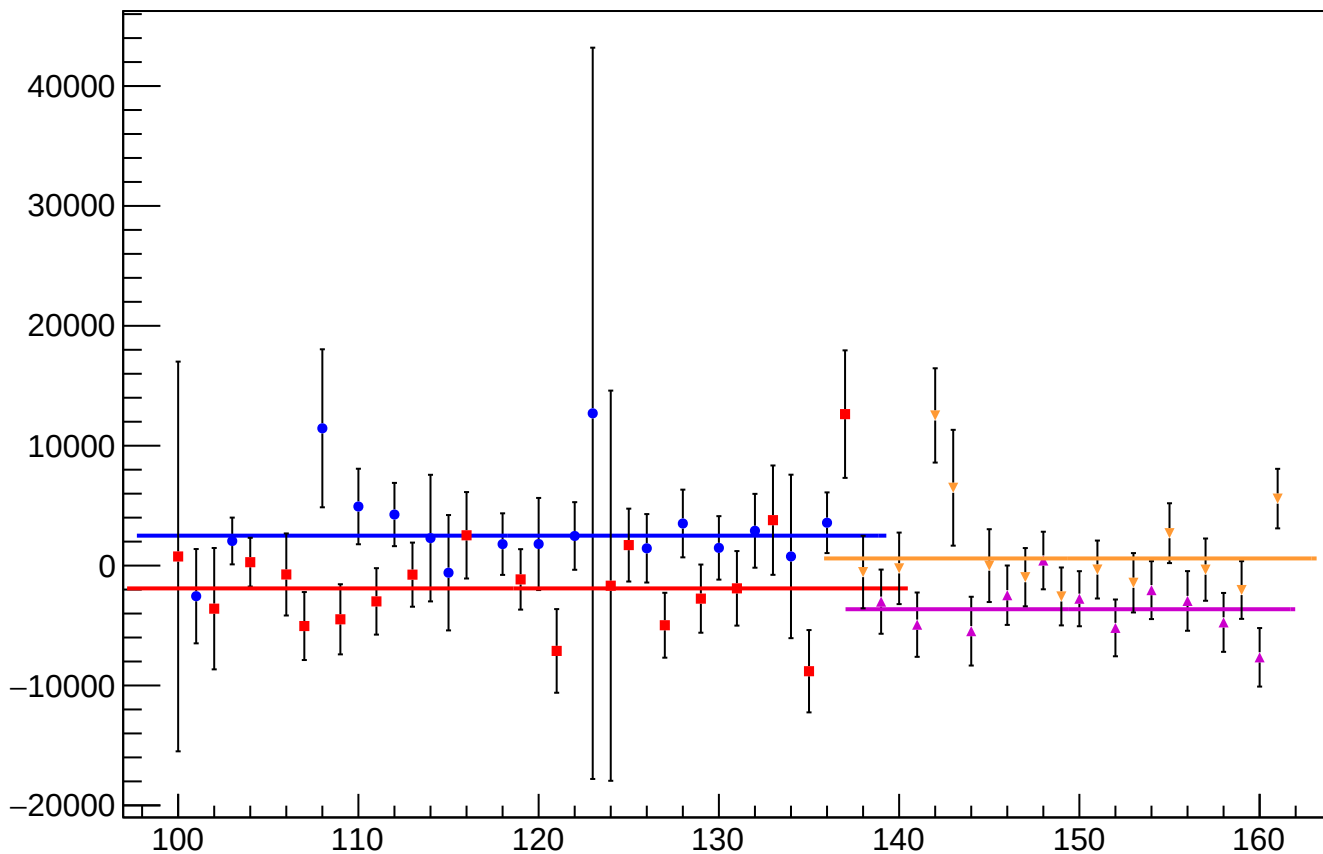
Left In: 1908.617+/-0.450 χ^2/NDF : 3850.3/10

+ sign 2007.852+/-0.355 χ^2/NDF : 943546.8/29

All: 2014.125+/-0.254 χ^2/NDF : 2021280.5/59

- sign 2020.656+/-0.363 χ^2/NDF : 1077098.0/29

dit_asym_at2_avg_mean vs Slug



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

Left Out: 595.590 ± 754.607 χ^2/NDF : 20.0/12

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

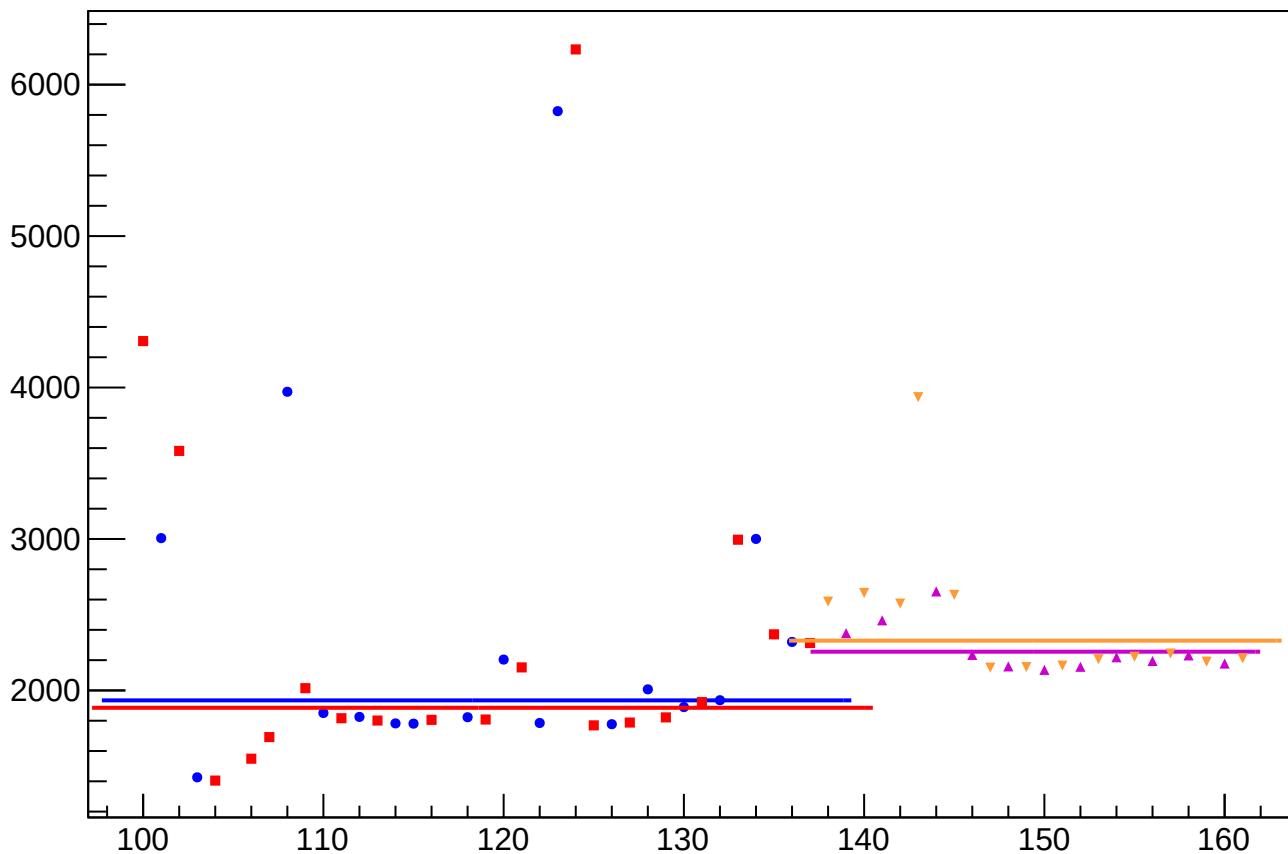
Left In: -3639.711 ± 751.439 χ^2/NDF : 7.8/10

+ sign 1529.015 ± 538.362 χ^2/NDF : 29.0/29

All: -661.979 ± 376.267 χ^2/NDF : 95.3/59

- sign -2754.250 ± 526.093 χ^2/NDF : 33.9/29

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2328.762+/-0.534 χ^2 /NDF:338226.9/12

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

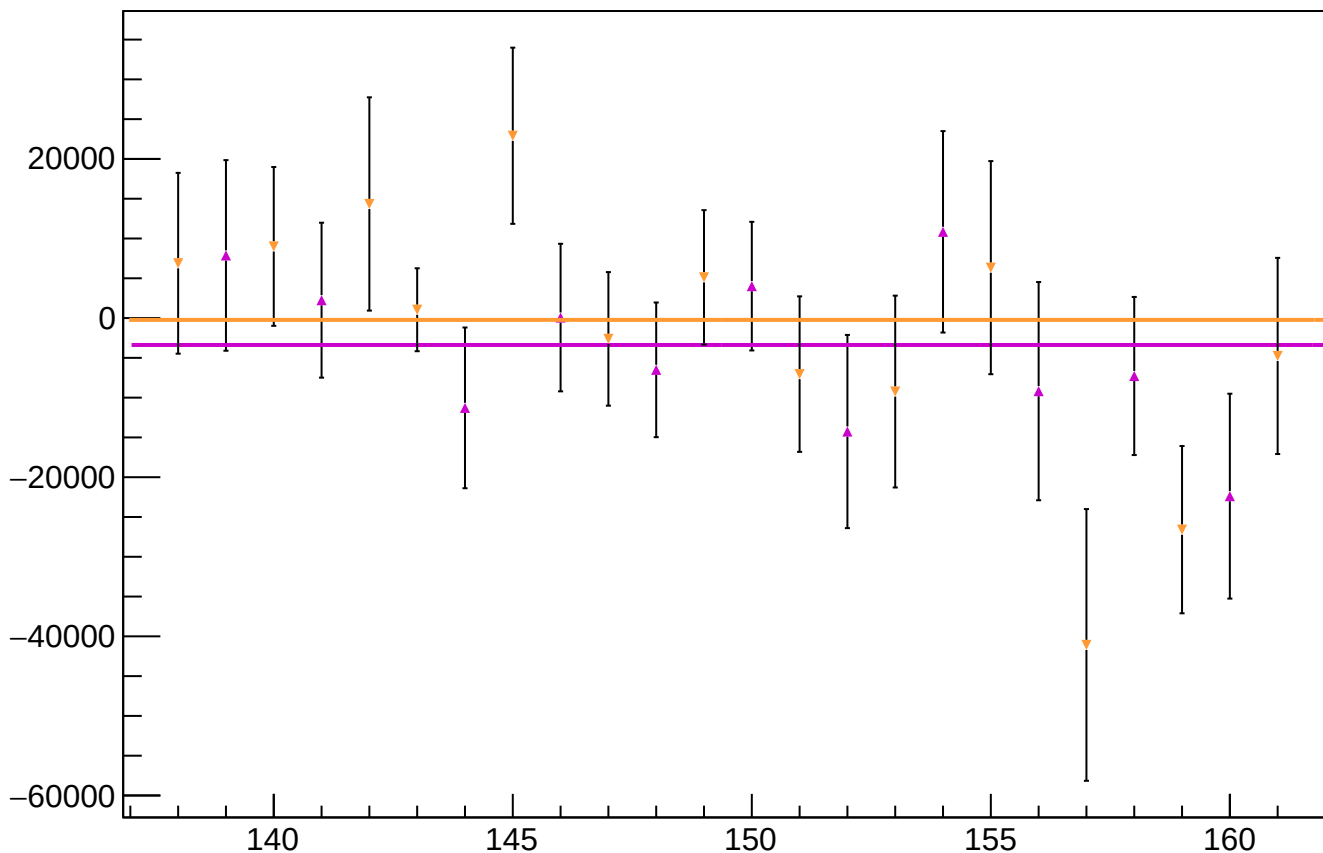
Left In: 2255.843+/-0.531 χ^2 /NDF:70982.6/10

+ sign 2135.127+/-0.381 χ^2 /NDF: 1245349.9/29

All: 2100.284+/-0.266 χ^2 /NDF: 2332458.8/59

- sign 2067.017+/-0.372 χ^2 /NDF: 1070732.8/29

asym_at2_avg_correction_mean vs Slug



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

Left Out: -225.343+/-2686.849 χ^2/NDF : 20.8/12

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

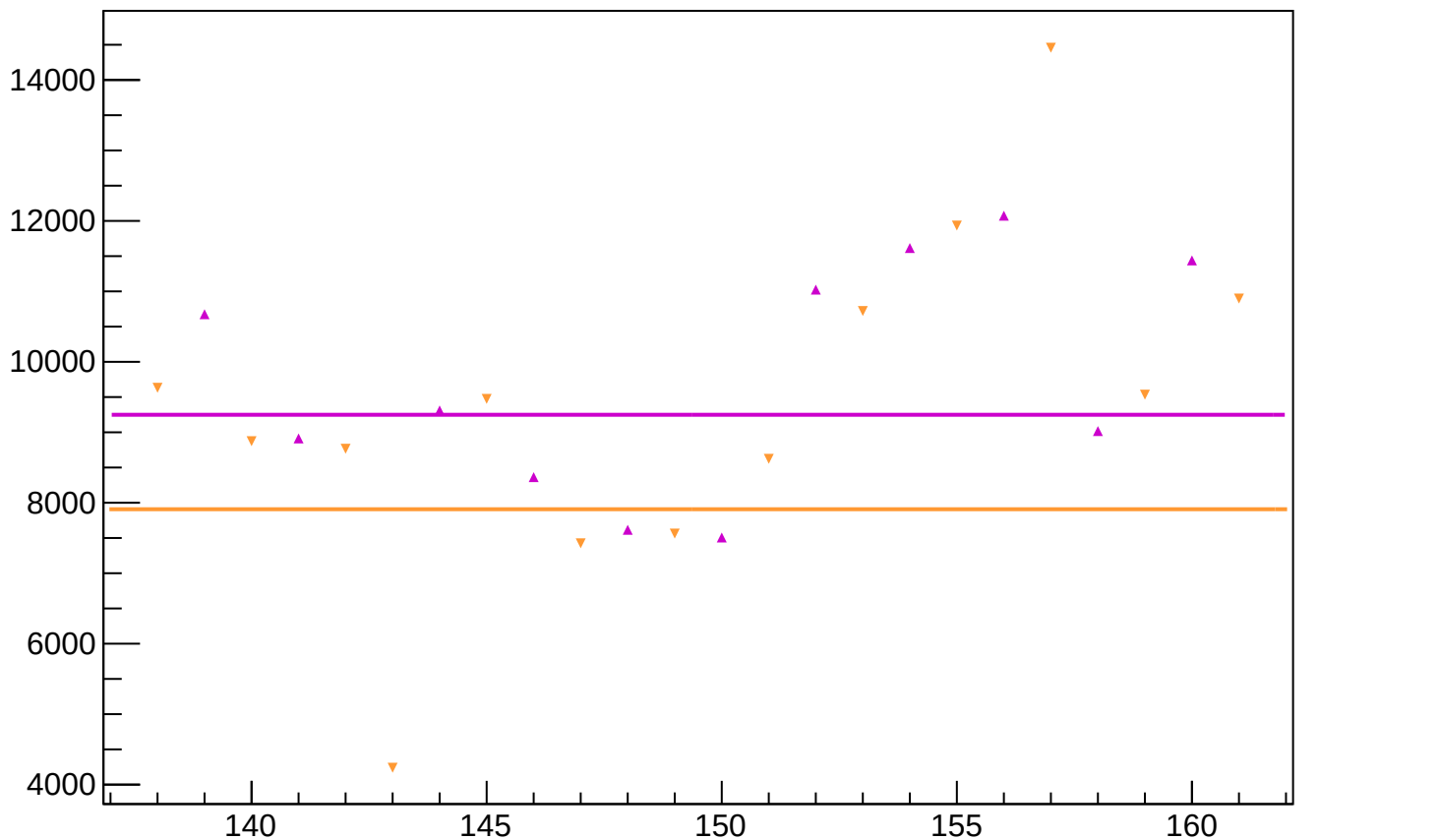
Left In: -3381.569+/-3120.063 χ^2/NDF : 7.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1569.295+/-2035.969 χ^2/NDF : 28.9/23

- 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: 7908.217+/-1.900 χ^2/NDF :1873934.9/12

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

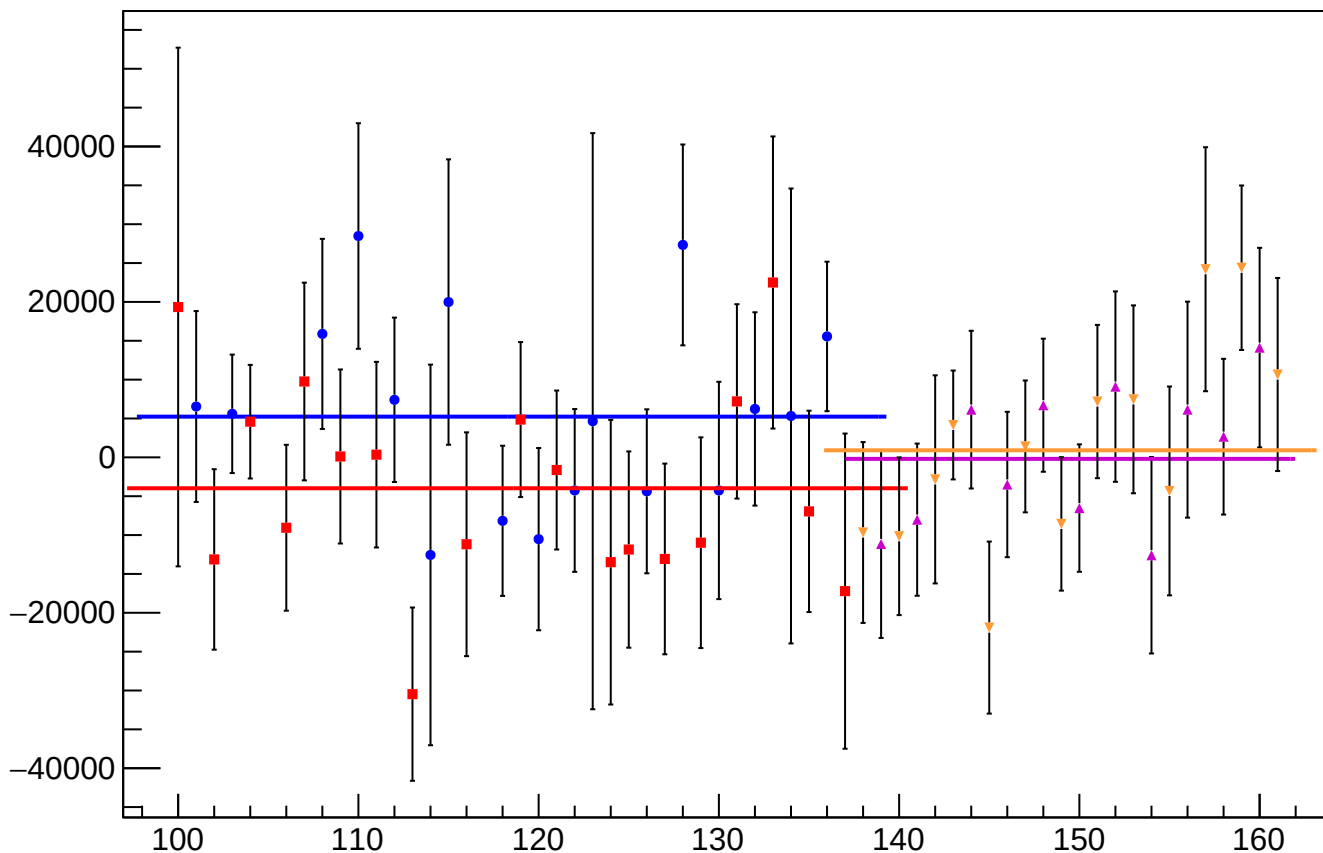
Left In: 9248.712+/-2.206 χ^2/NDF :472938.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8479.013+/-1.440 χ^2/NDF : 2558850.3/23

- 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: 909.492+/-2877.191 χ^2/NDF : 16.4/12

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

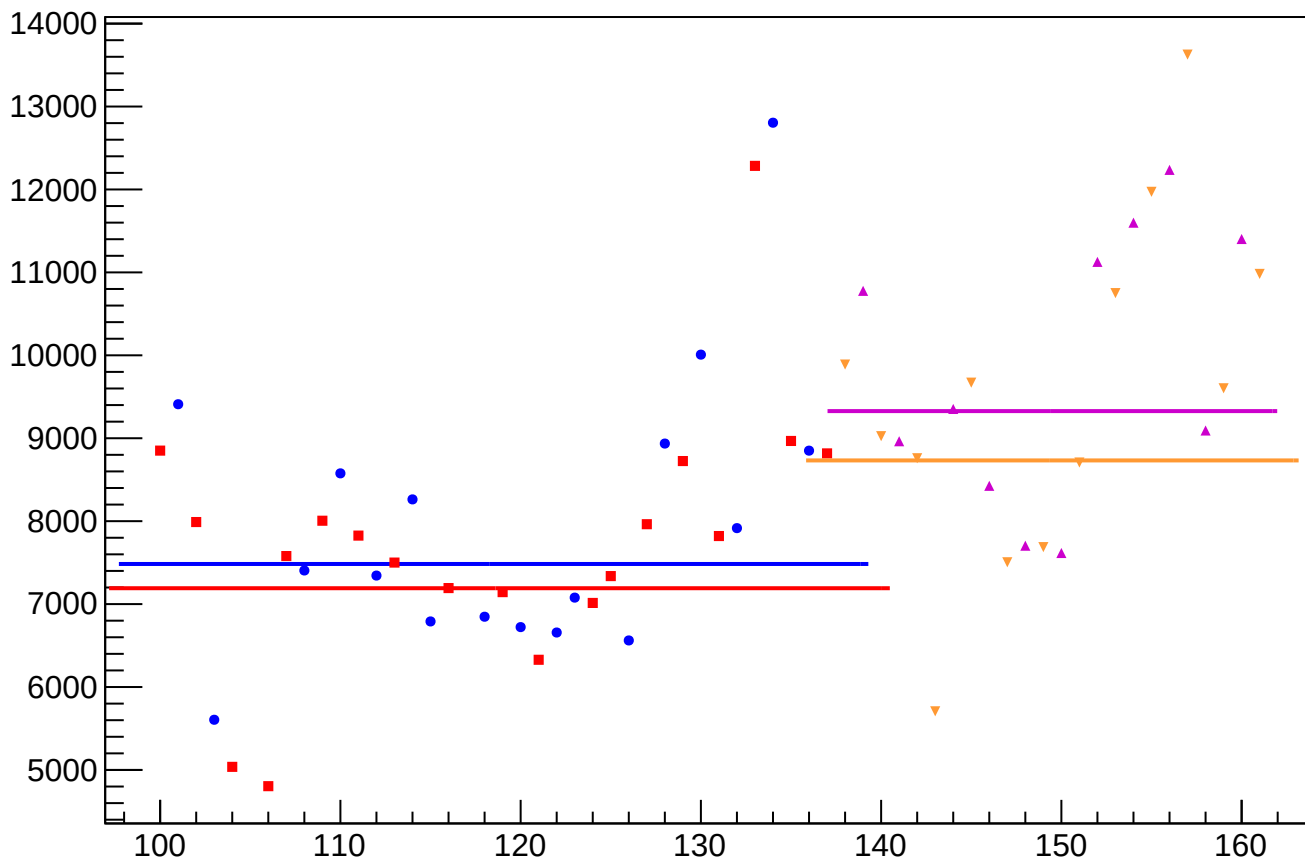
Left In: -197.250+/-3145.732 χ^2/NDF : 6.3/10

+ sign 3022.756+/-2058.434 χ^2/NDF : 32.0/29

All: 392.752+/-1465.698 χ^2/NDF : 58.0/59

- sign -2312.031+/-2087.492 χ^2/NDF : 22.7/29

asym_at2_avg_rms vs Slug



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

Left Out: 8732.524 ± 2.034 χ^2/NDF : 925749.2/12

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

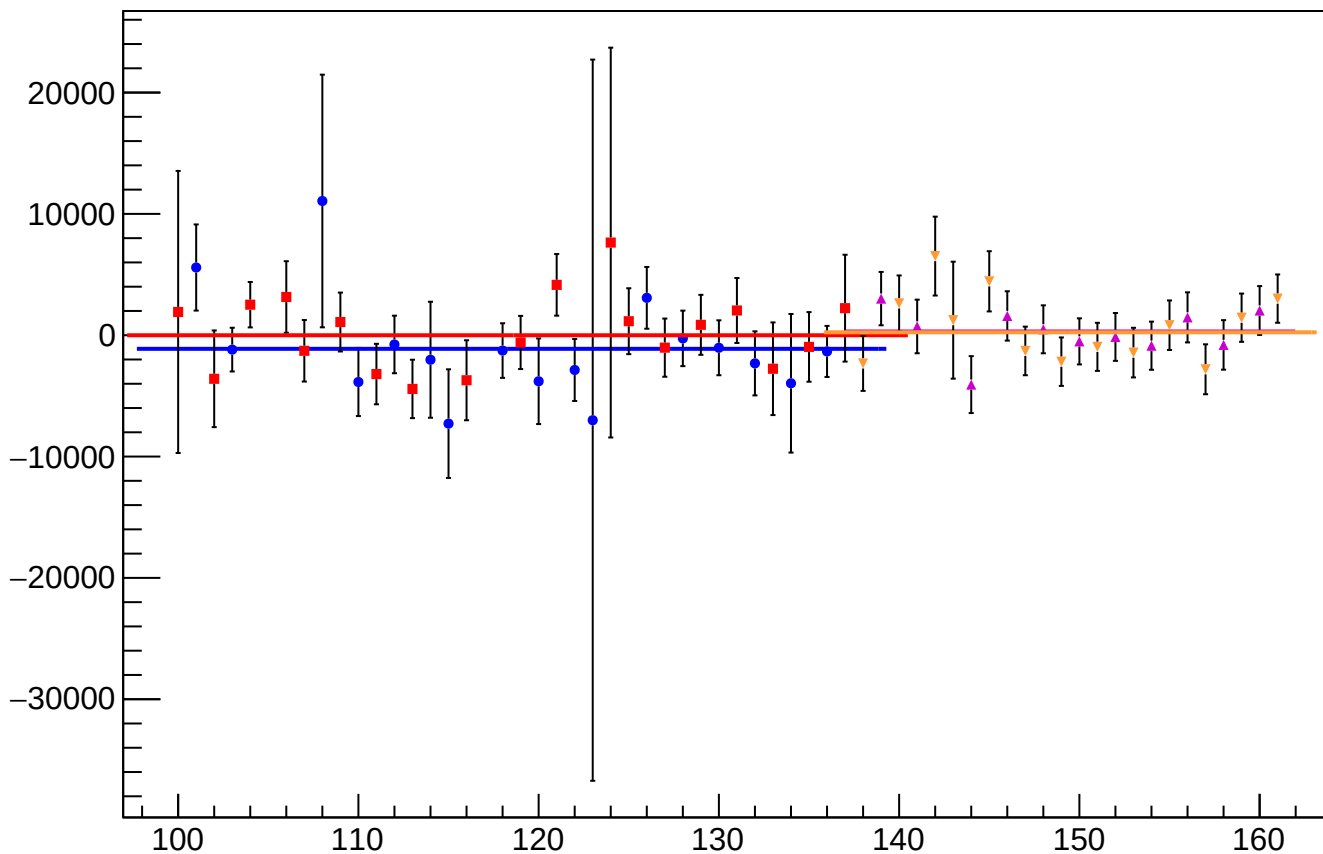
Left In: 9327.298 ± 2.224 χ^2/NDF : 457803.7/10

+ sign 8122.927 ± 1.456 χ^2/NDF : 1541466.2/29

All: 8127.328 ± 1.036 χ^2/NDF : 3074084.3/59

- sign 8131.854 ± 1.476 χ^2/NDF : 1532599.6/29

dit_asym_at2_dd_mean vs Slug



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

Left Out: 241.177 $\pm$ 613.185 χ^2 /NDF:16.7/12

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

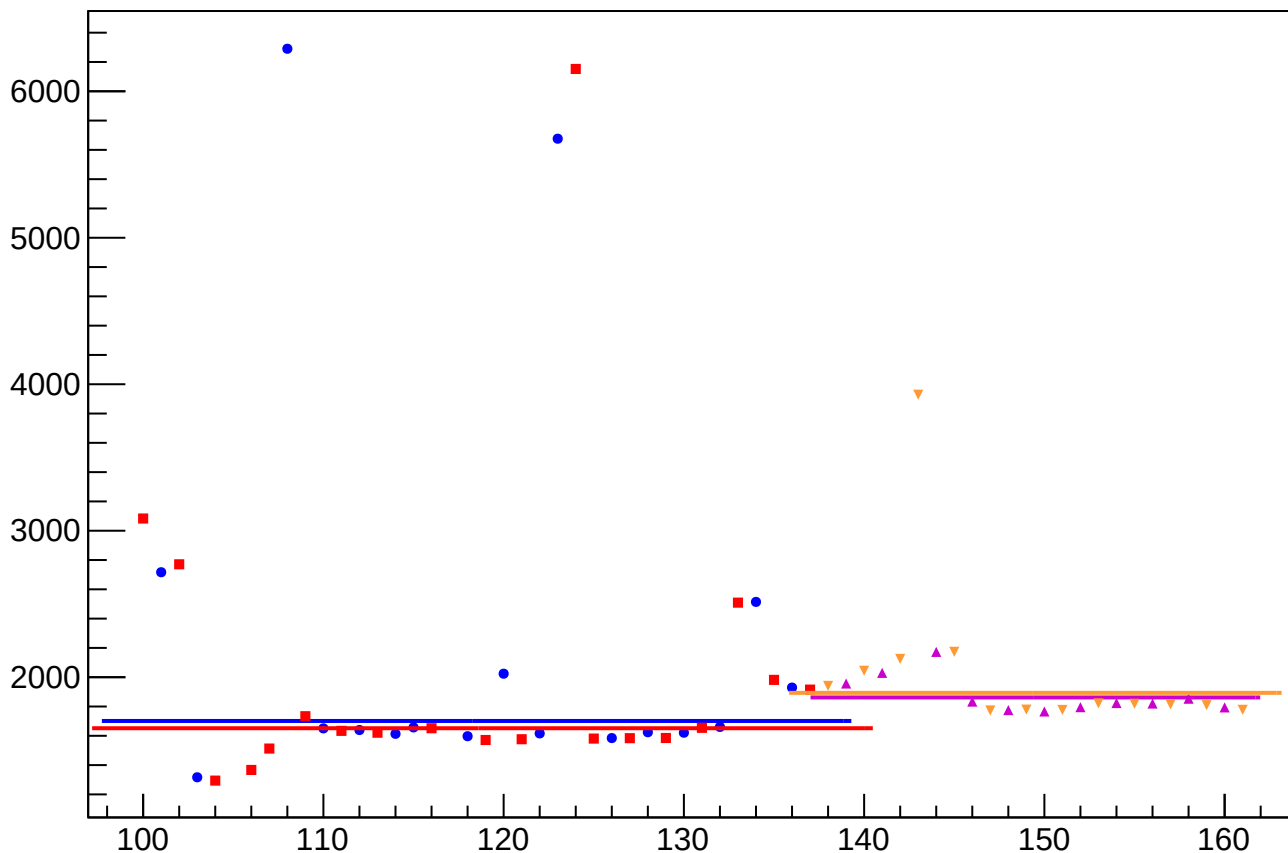
Left In: 308.715 $\pm$ 619.931 χ^2 /NDF:7.4/10

+ sign -370.325 $\pm$ 455.130 χ^2 /NDF: 31.2/29

All: -100.333 $\pm$ 318.248 χ^2 /NDF: 54.8/59

- sign 157.978 $\pm$ 445.175 χ^2 /NDF: 23.0/29

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1893.306+/-0.434 χ^2/NDF : 440772.5/12

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

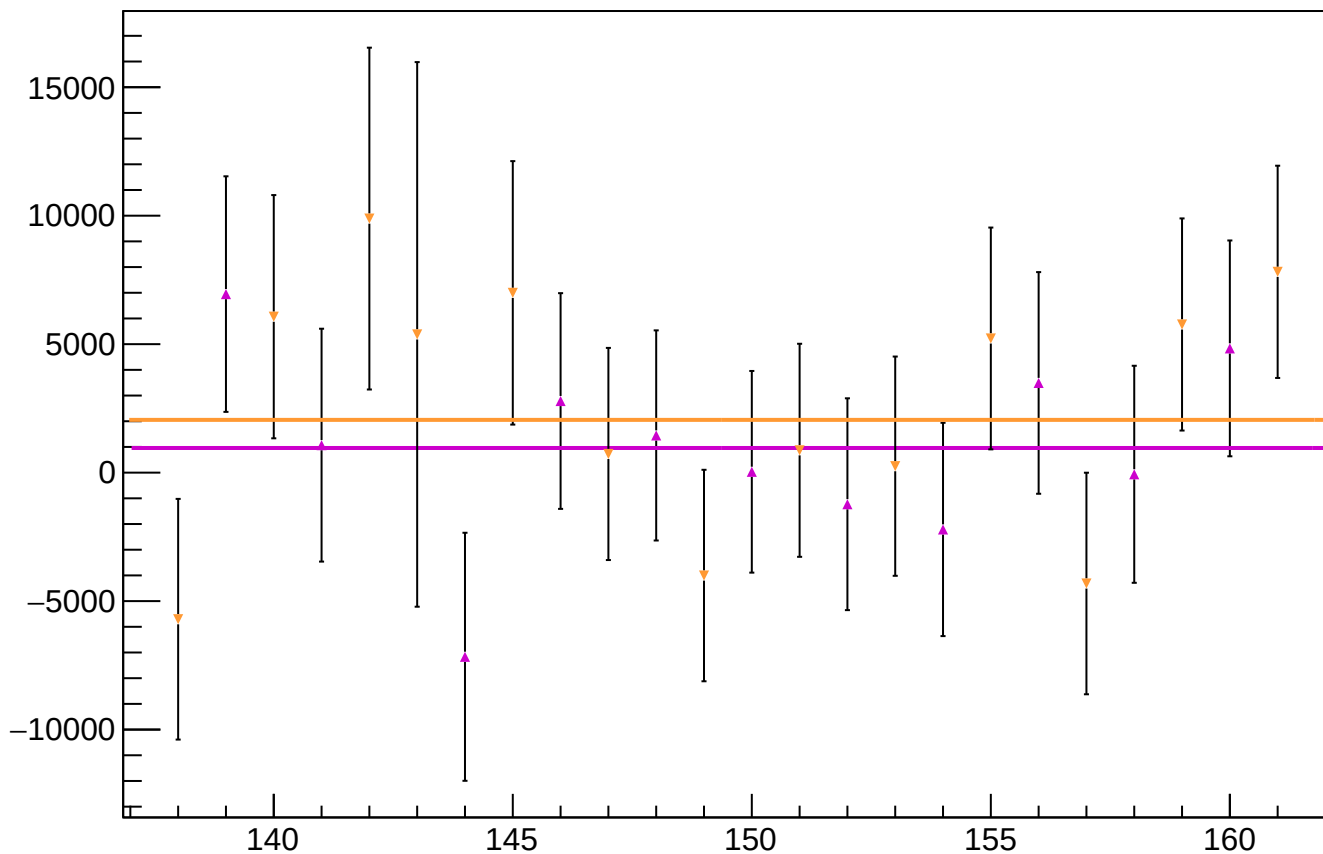
Left In: 1861.766+/-0.438 χ^2/NDF : 65887.0/10

+ sign 1807.072+/-0.322 χ^2/NDF : 1307572.1/29

All: 1783.037+/-0.225 χ^2/NDF : 2084402.2/59

- sign 1760.042+/-0.315 χ^2/NDF : 765916.2/29

asym_at2_dd_correction_mean vs Slug



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

Left Out: 2053.236+/-1274.737 χ^2/NDF :13.9/12

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

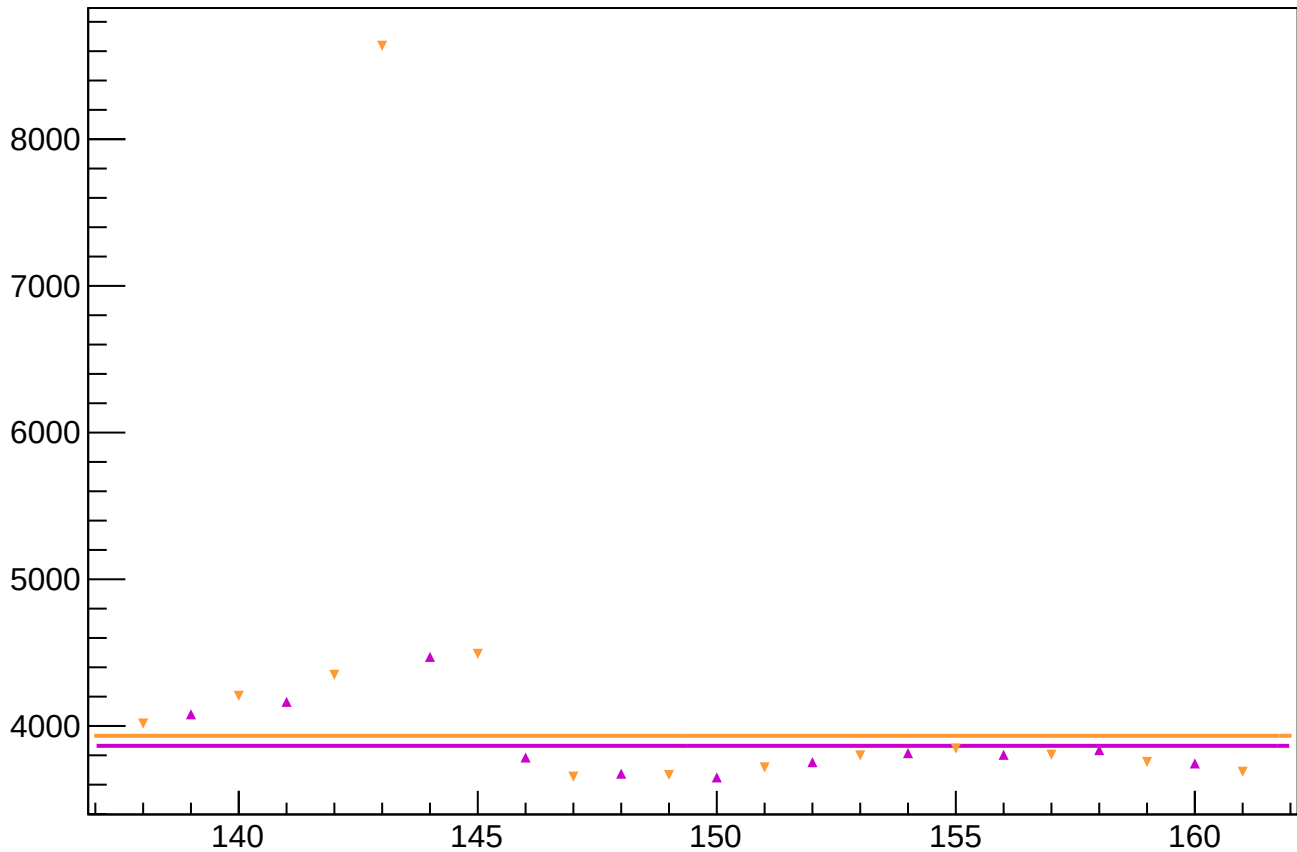
Left In: 959.235+/-1286.587 χ^2/NDF :6.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1511.297+/-905.536 χ^2/NDF : 21.2/23

- 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: 3933.166+/-0.901 χ^2/NDF : 471088.9/12

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

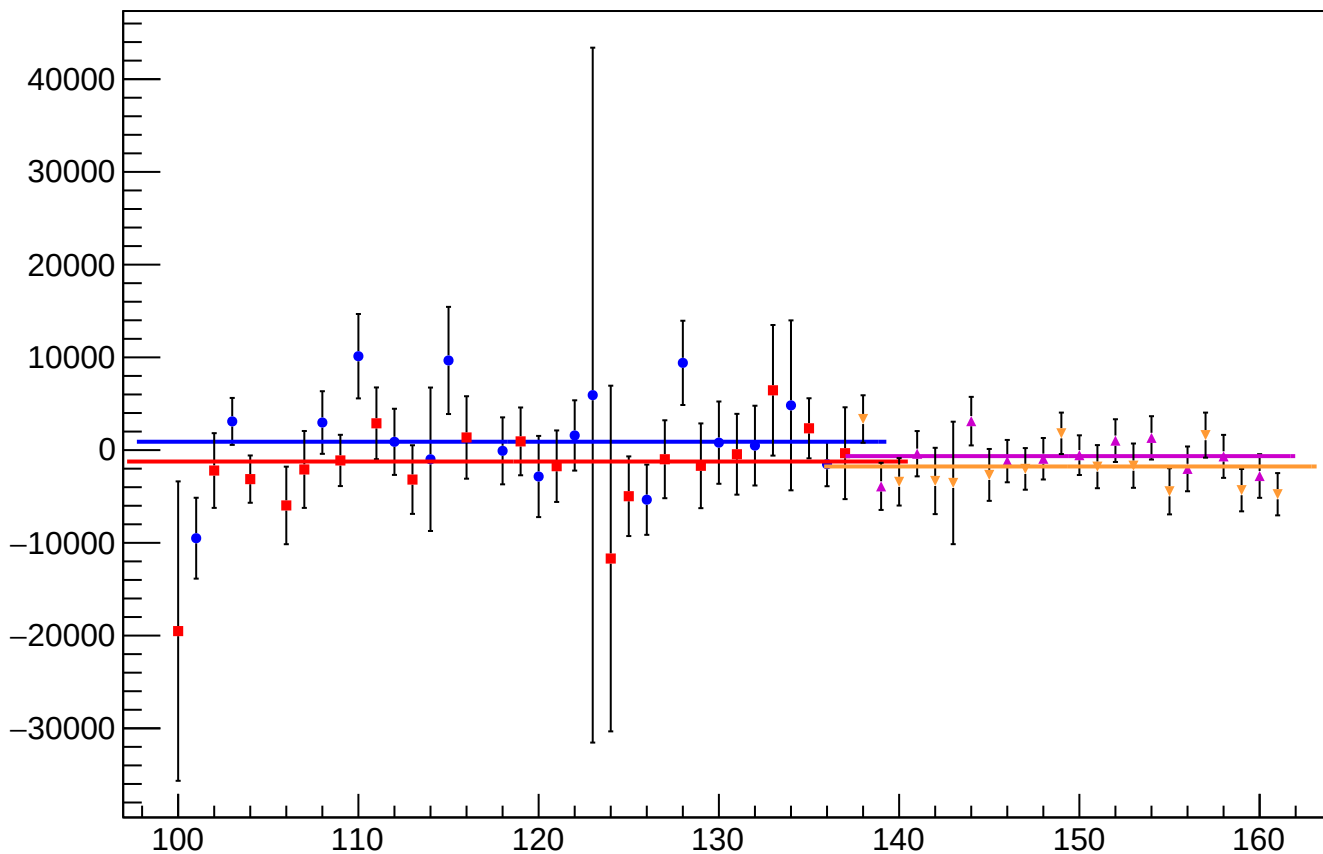
Left In: 3864.563+/-0.910 χ^2/NDF : 59624.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3899.182+/-0.640 χ^2/NDF : 533582.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



Right In: 903.274 $\pm$ 961.918 χ^2 /NDF: 21.6/16

Left Out: -1764.419 $\pm$ 705.578 χ^2 /NDF:13.4/12

Right Out: -1231.015 $\pm$ 925.029 χ^2 /NDF: 8.9/18

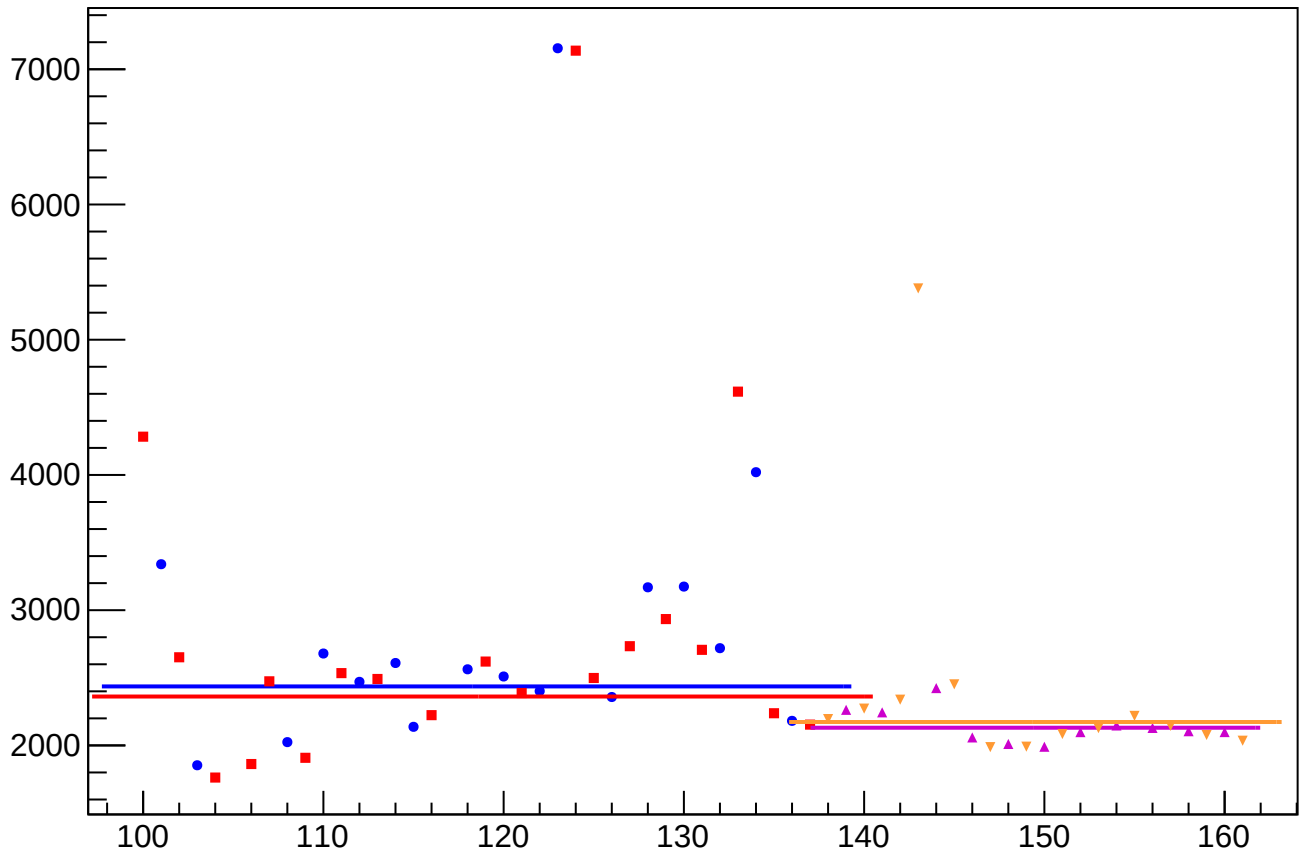
Left In: -648.116 $\pm$ 709.245 χ^2 /NDF:6.2/10

+ sign -831.203 $\pm$ 568.933 χ^2 /NDF: 40.0/29

All: -847.737 $\pm$ 400.126 χ^2 /NDF: 55.4/59

- sign -863.920 $\pm$ 562.845 χ^2 /NDF: 15.4/29

asym_at2_dd_rms vs Slug



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

Left Out: 2173.150+/-0.499 χ^2/NDF : 541281.8/12

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

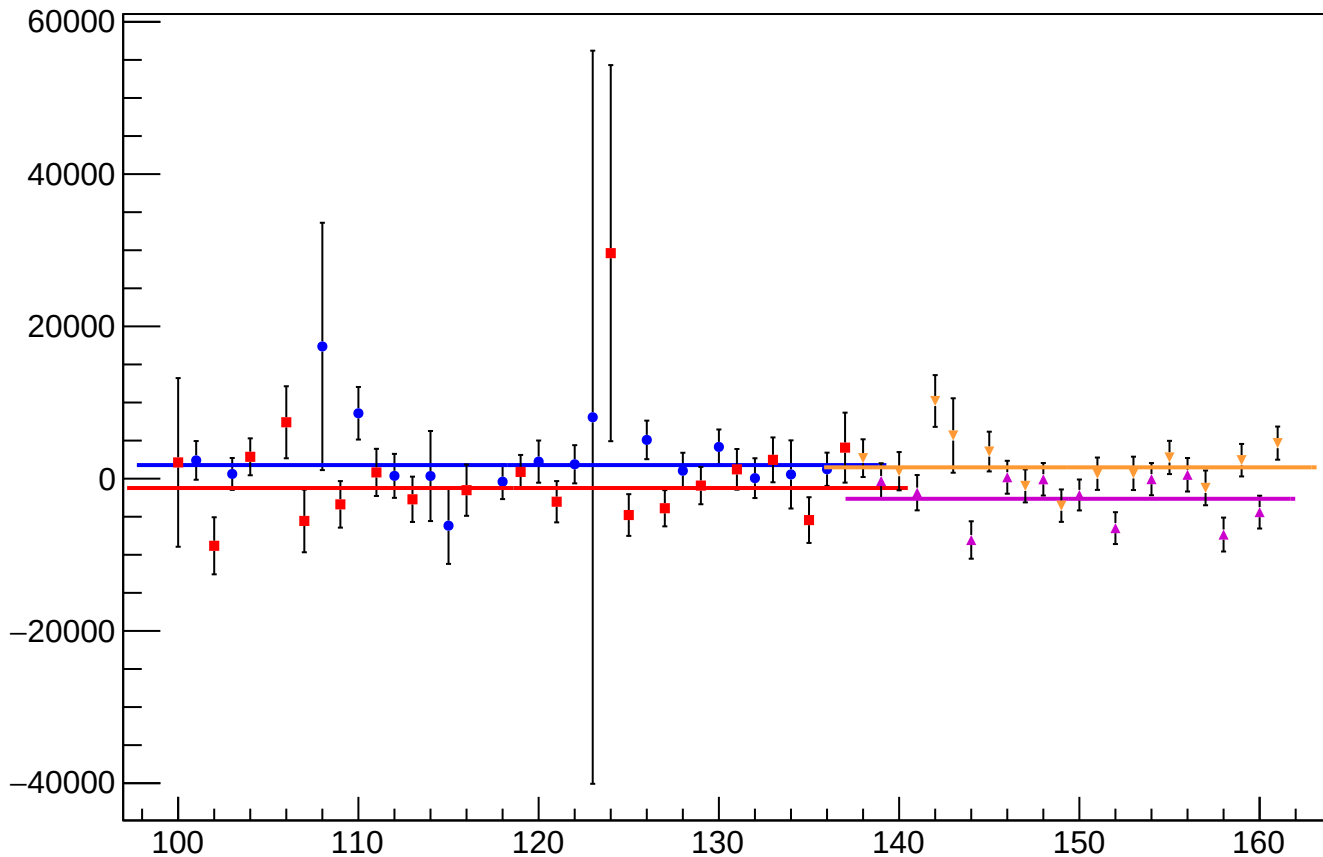
Left In: 2130.791+/-0.502 χ^2/NDF : 52332.8/10

+ sign 2265.191+/-0.402 χ^2/NDF : 1107120.0/29

All: 2240.446+/-0.283 χ^2/NDF : 1901174.4/59

- sign 2216.227+/-0.398 χ^2/NDF : 786568.0/29

dit_asym_atl_avg_mean vs Slug



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

Left Out: 1488.017 $\pm$ 660.608 χ^2 /NDF: 19.4/12

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

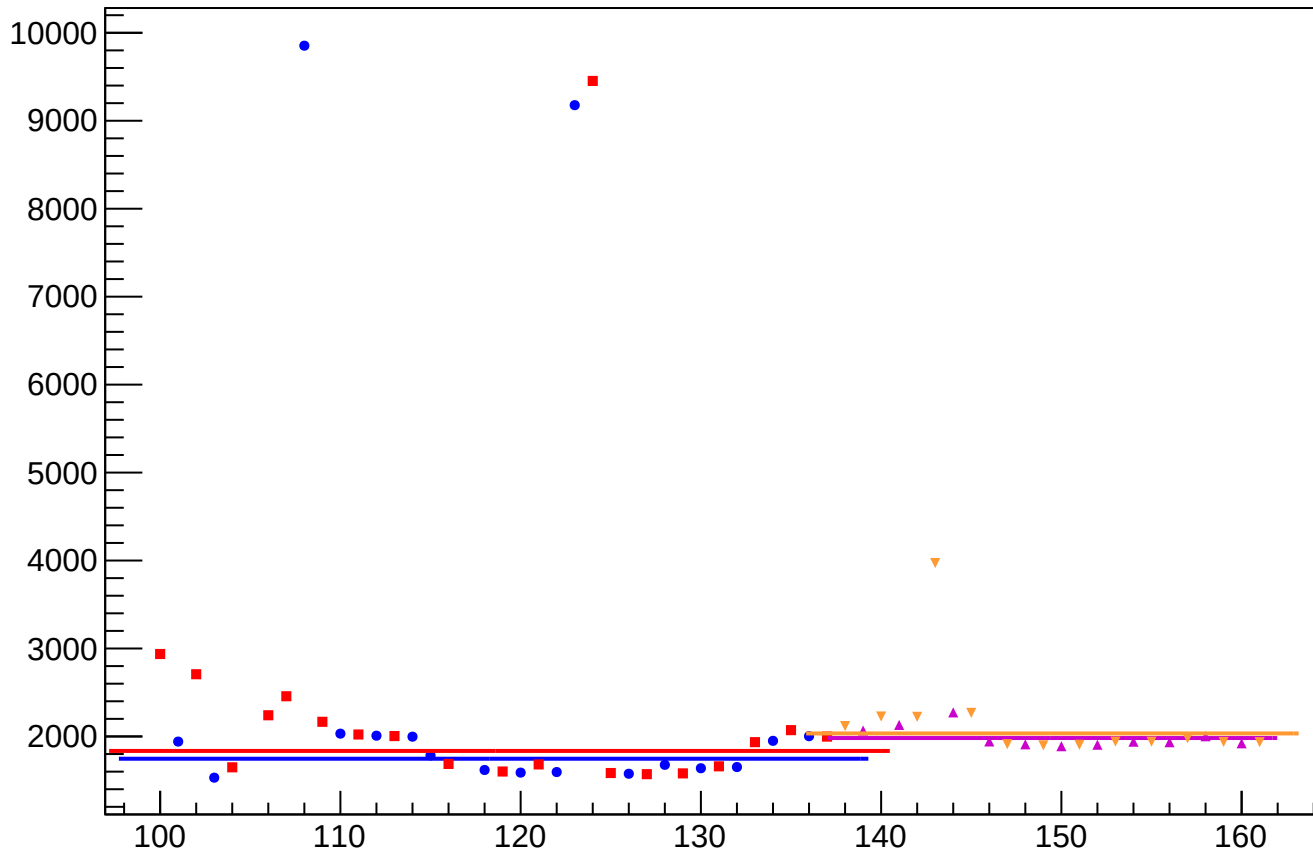
Left In: -2645.489 $\pm$ 661.437 χ^2 /NDF: 21.2/10

+ sign 1628.396 $\pm$ 478.622 χ^2 /NDF: 31.9/29

All: -160.758 $\pm$ 340.105 χ^2 /NDF: 107.8/59

- sign -1985.632 $\pm$ 483.376 χ^2 /NDF: 47.6/29

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2034.281 $\pm$ 0.467 χ^2 /NDF: 388620.2/12

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

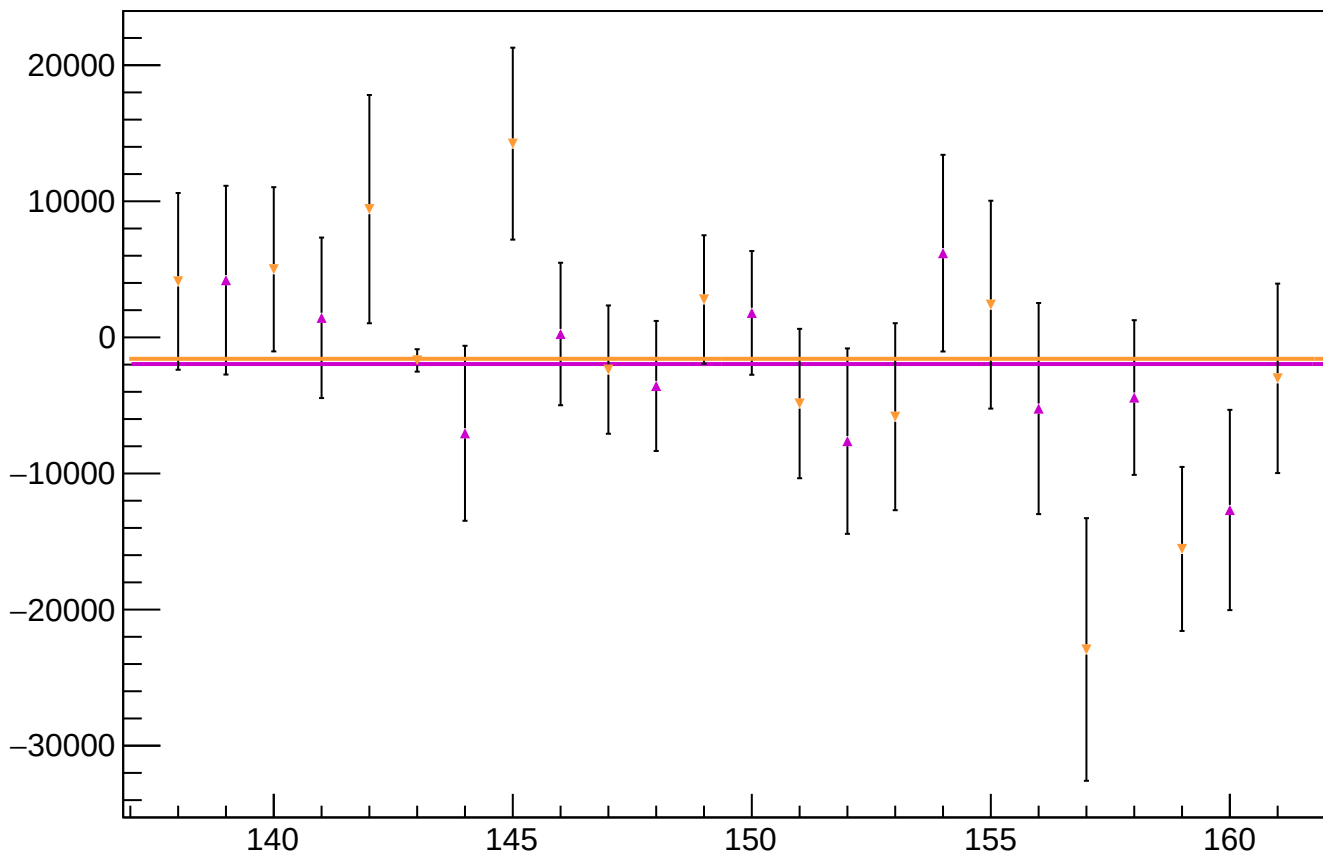
Left In: 1982.041 $\pm$ 0.468 χ^2 /NDF: 52112.6/10

+ sign 1897.723 $\pm$ 0.338 χ^2 /NDF: 1250996.8/29

All: 1905.604 $\pm$ 0.240 χ^2 /NDF: 1900459.8/59

- sign 1913.634 $\pm$ 0.342 χ^2 /NDF: 648368.3/29

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1573.388 $\pm$ 750.040 χ^2 /NDF:20.9/12

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

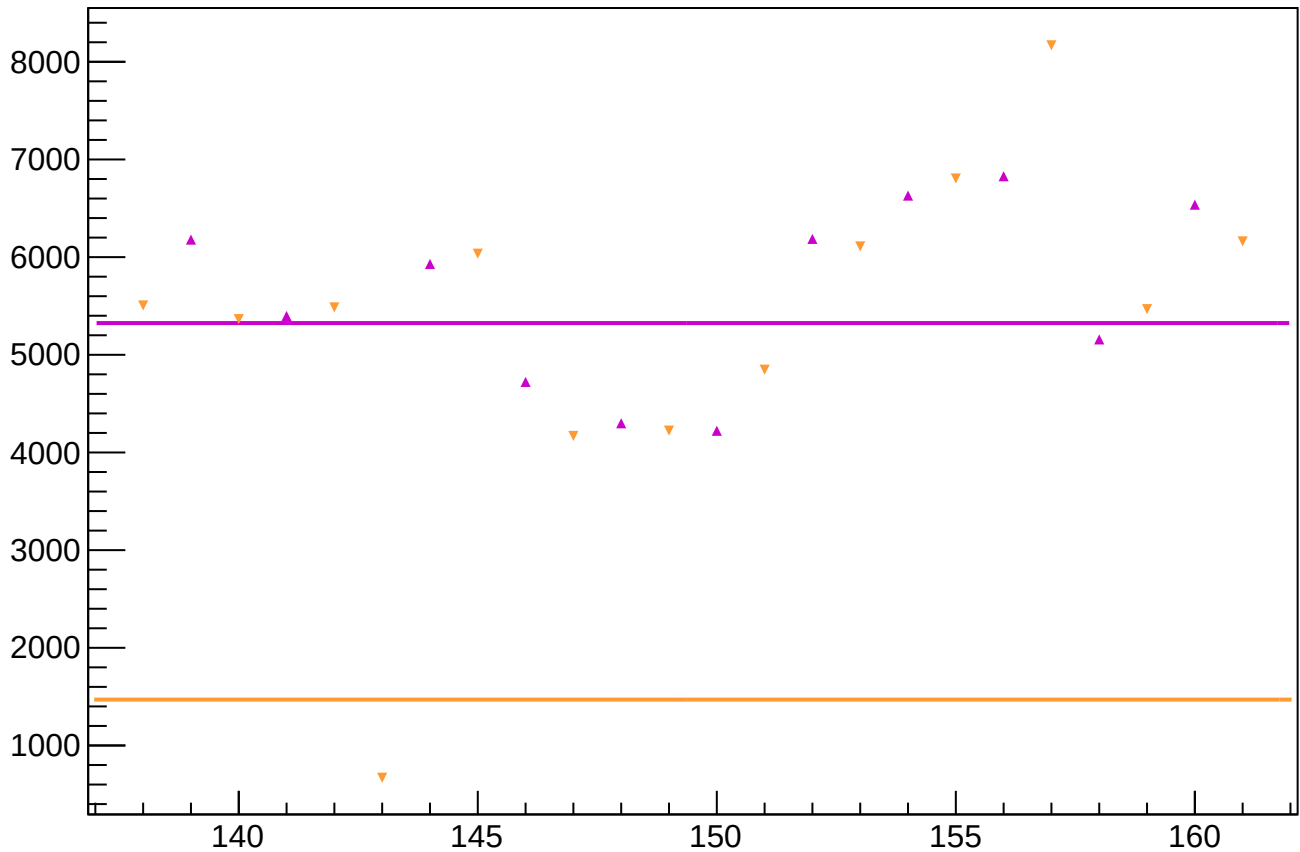
Left In: -1958.718 $\pm$ 1798.281 χ^2 /NDF:7.2/10

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

All: -1630.487 $\pm$ 692.242 χ^2 /NDF: 28.1/23

- sign 0.000 $\pm$ 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: 1469.906+/-0.530 χ^2/NDF : 11523578.8/12

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

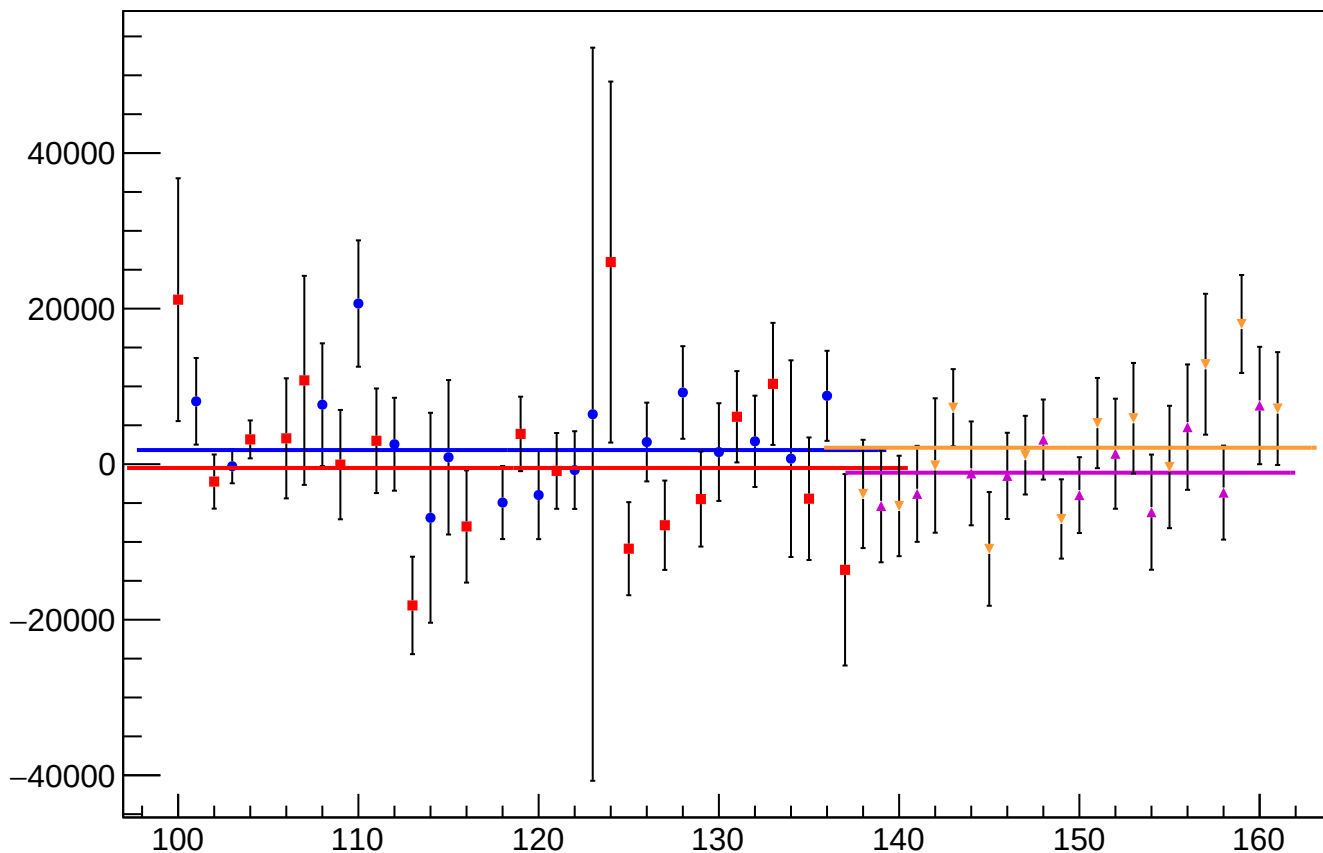
Left In: 5325.030+/-1.272 χ^2/NDF : 513304.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2041.173+/-0.489 χ^2/NDF : 19866443.7/2

- 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: 2115.154+/-1776.382 χ^2/NDF : 18.6/12

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

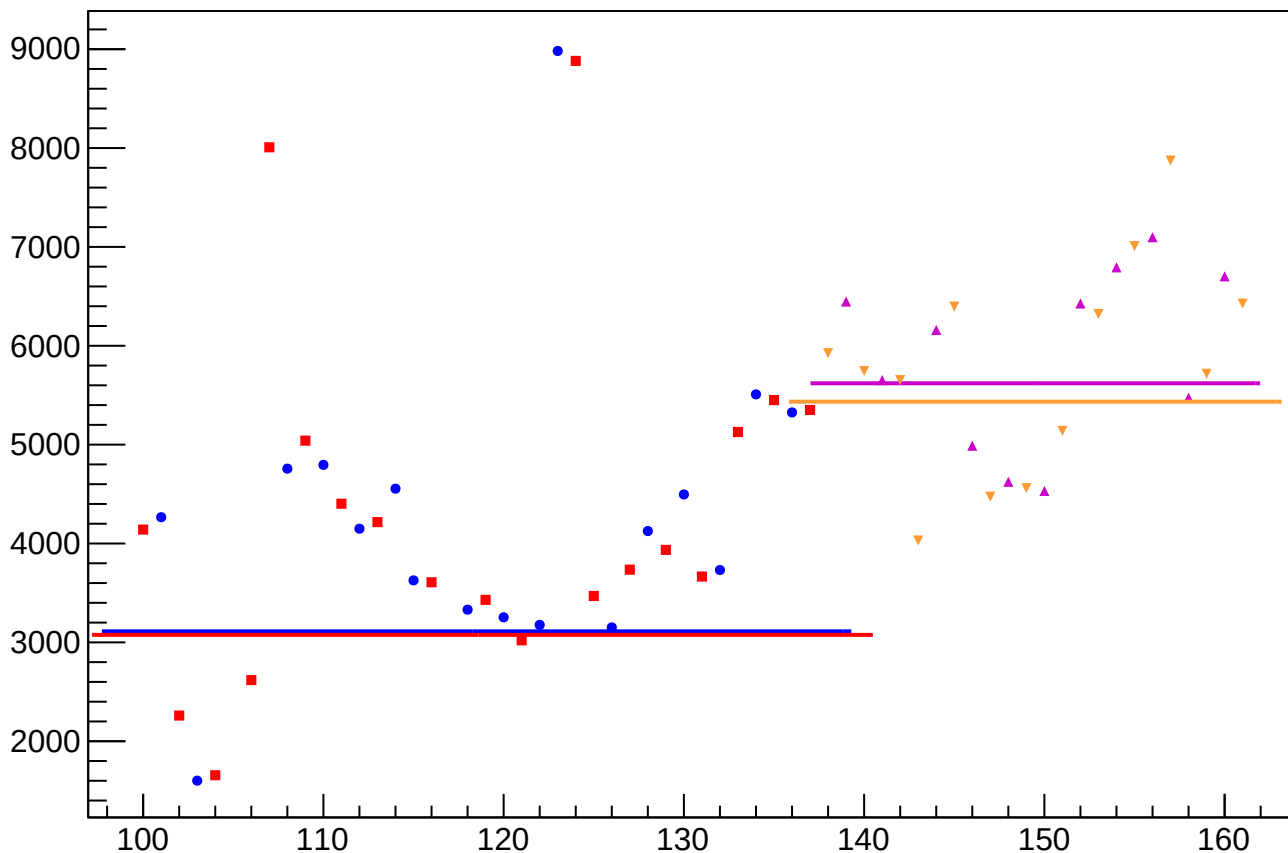
Left In: -1097.093+/-1894.579 χ^2/NDF : 4.2/10

+ sign 1919.347+/-1049.770 χ^2/NDF : 33.6/29

All: 637.074+/-747.305 χ^2/NDF : 67.4/59

- sign -680.379+/-1064.073 χ^2/NDF : 30.7/29

asym_atl_avg_rms vs Slug



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

Left Out: 5434.768+/-1.256 χ^2/NDF : 644415.7/12

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

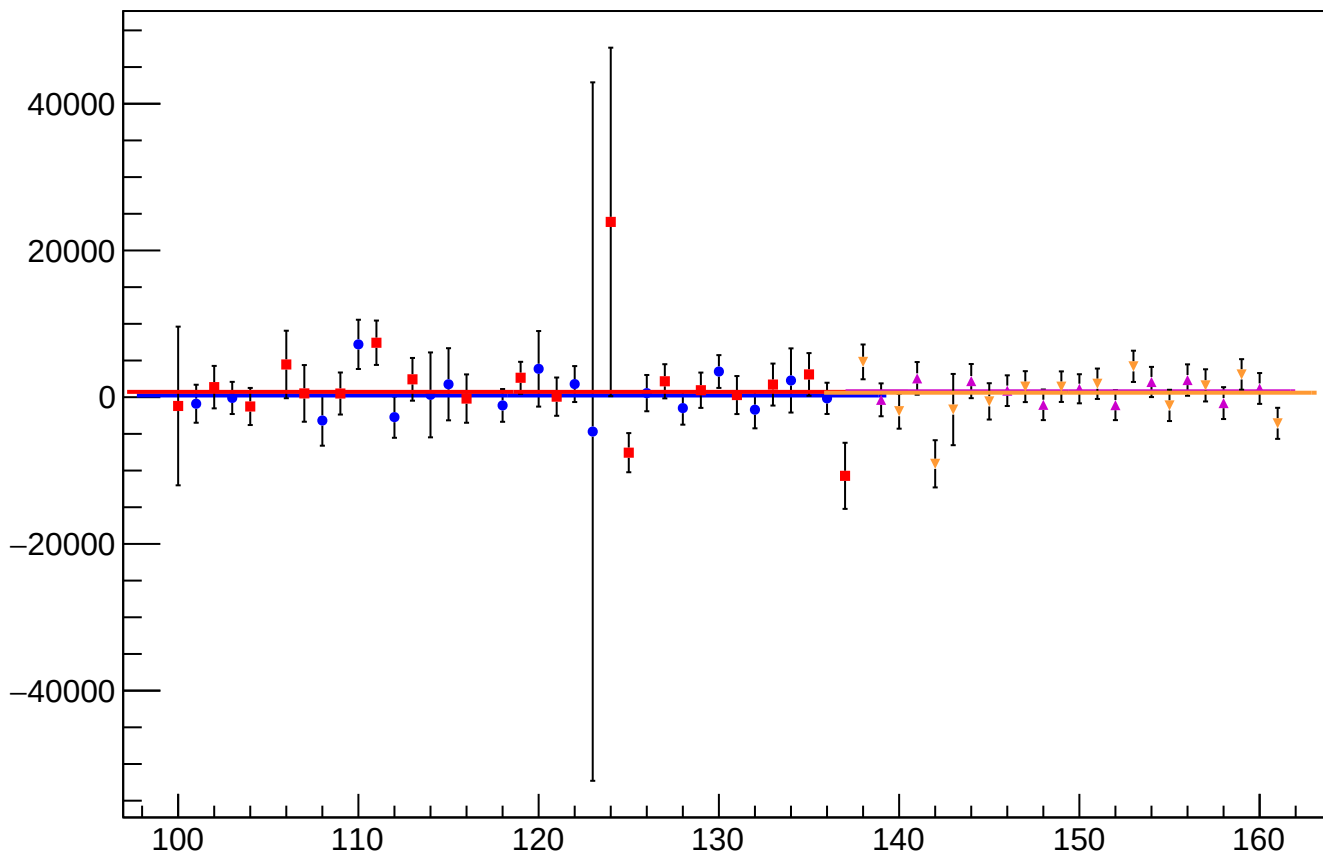
Left In: 5620.707+/-1.340 χ^2/NDF : 425325.3/10

+ sign 3922.896+/-0.742 χ^2/NDF : 4749589.7/29

All: 3892.868+/-0.526 χ^2/NDF : 9680712.0/59

- sign 3862.629+/-0.745 χ^2/NDF : 4927838.0/29

dit_asym_atl_dd_mean vs Slug



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

Left Out: 610.952+/-639.426 χ^2/NDF : 23.5/12

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

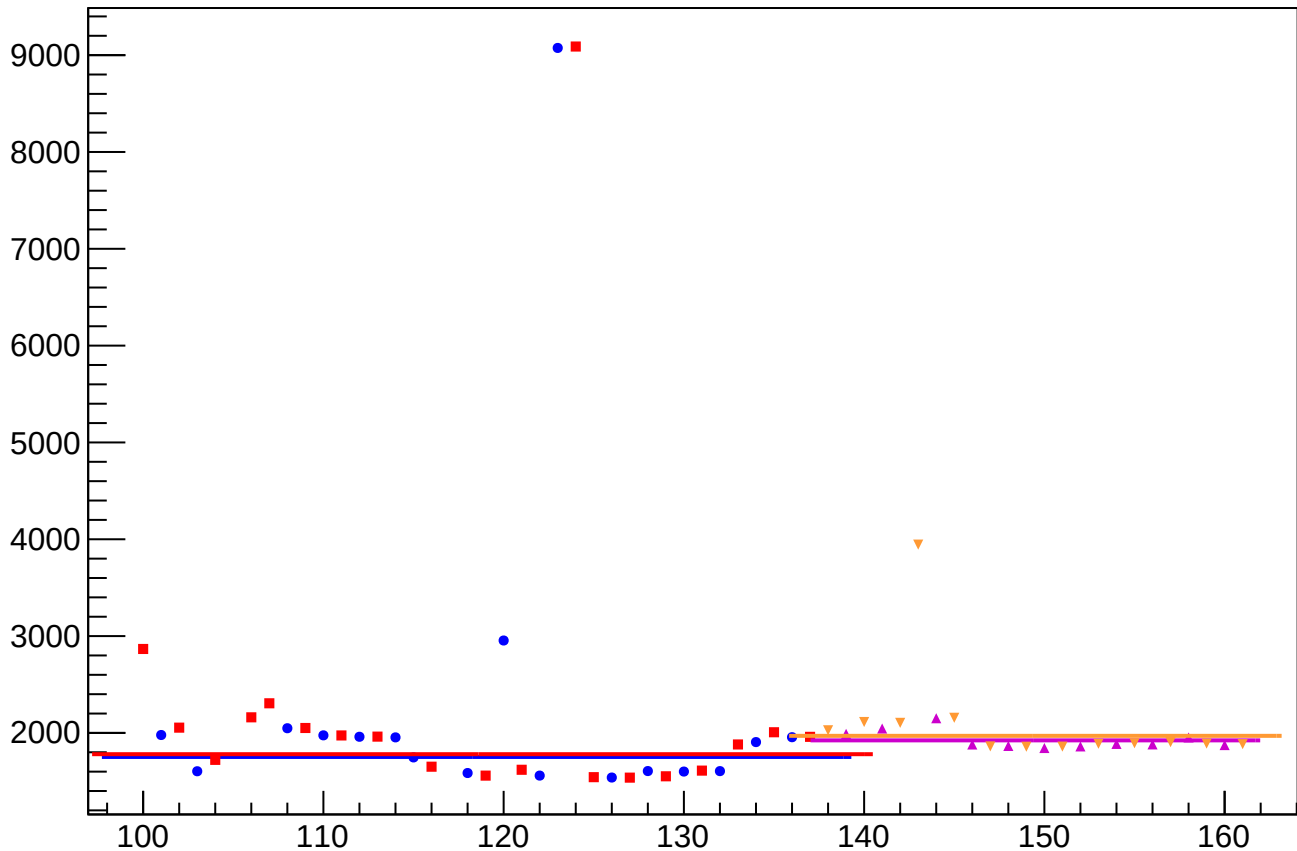
Left In: 801.616+/-641.432 χ^2/NDF : 4.4/10

+ sign 435.141+/-467.990 χ^2/NDF : 35.2/29

All: 600.749+/-330.902 χ^2/NDF : 65.6/59

- sign 766.323+/-467.942 χ^2/NDF : 30.2/29

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1969.820+/-0.452 χ^2/NDF : 384409.9/12

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

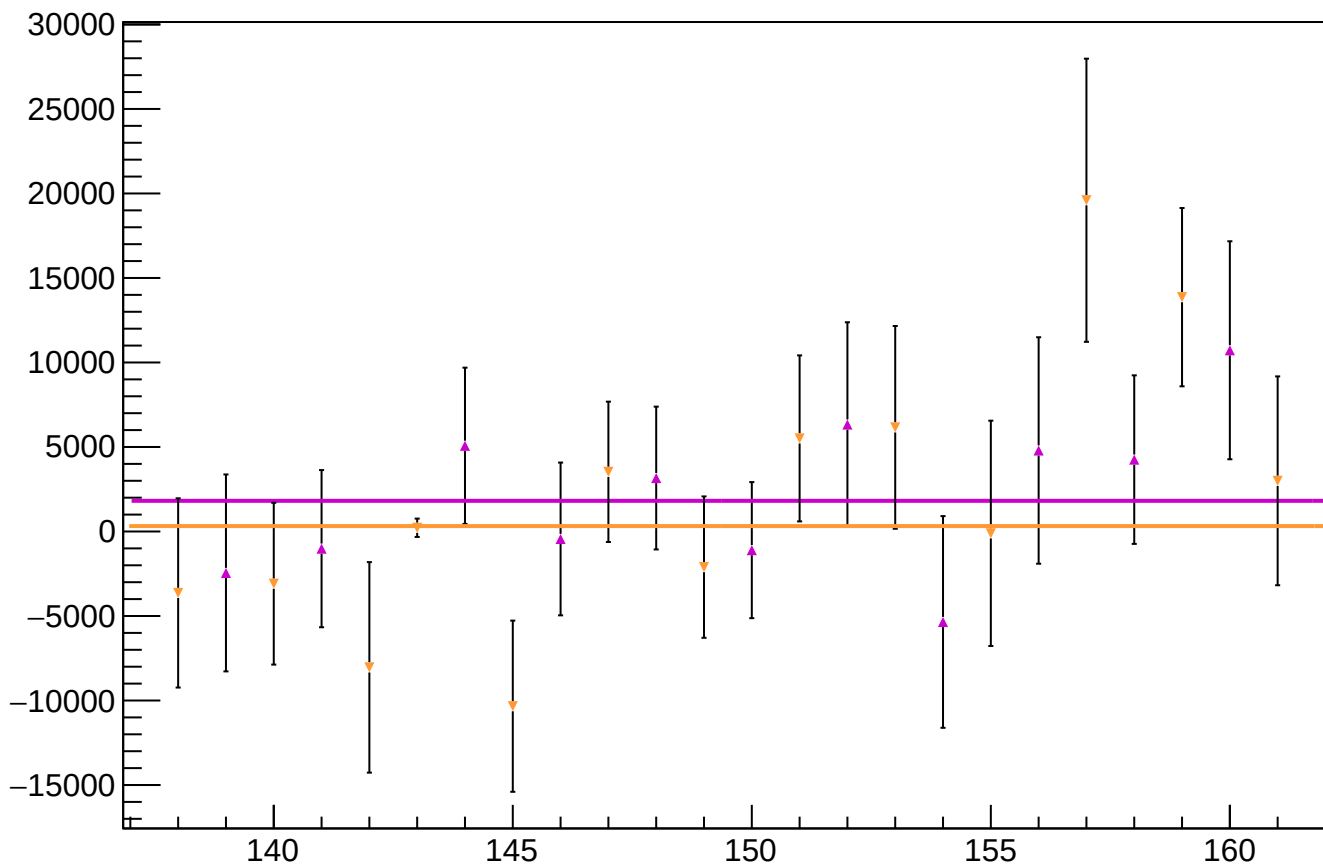
Left In: 1923.027+/-0.454 χ^2/NDF : 37320.9/10

+ sign 1868.609+/-0.331 χ^2/NDF : 793221.5/29

All: 1862.352+/-0.234 χ^2/NDF : 1306044.1/59

- sign 1856.105+/-0.331 χ^2/NDF : 512108.1/29

asym_atl_dd_correction_mean vs Slug



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

Left Out: 320.724+/-511.904 χ^2/NDF : 22.4/12

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

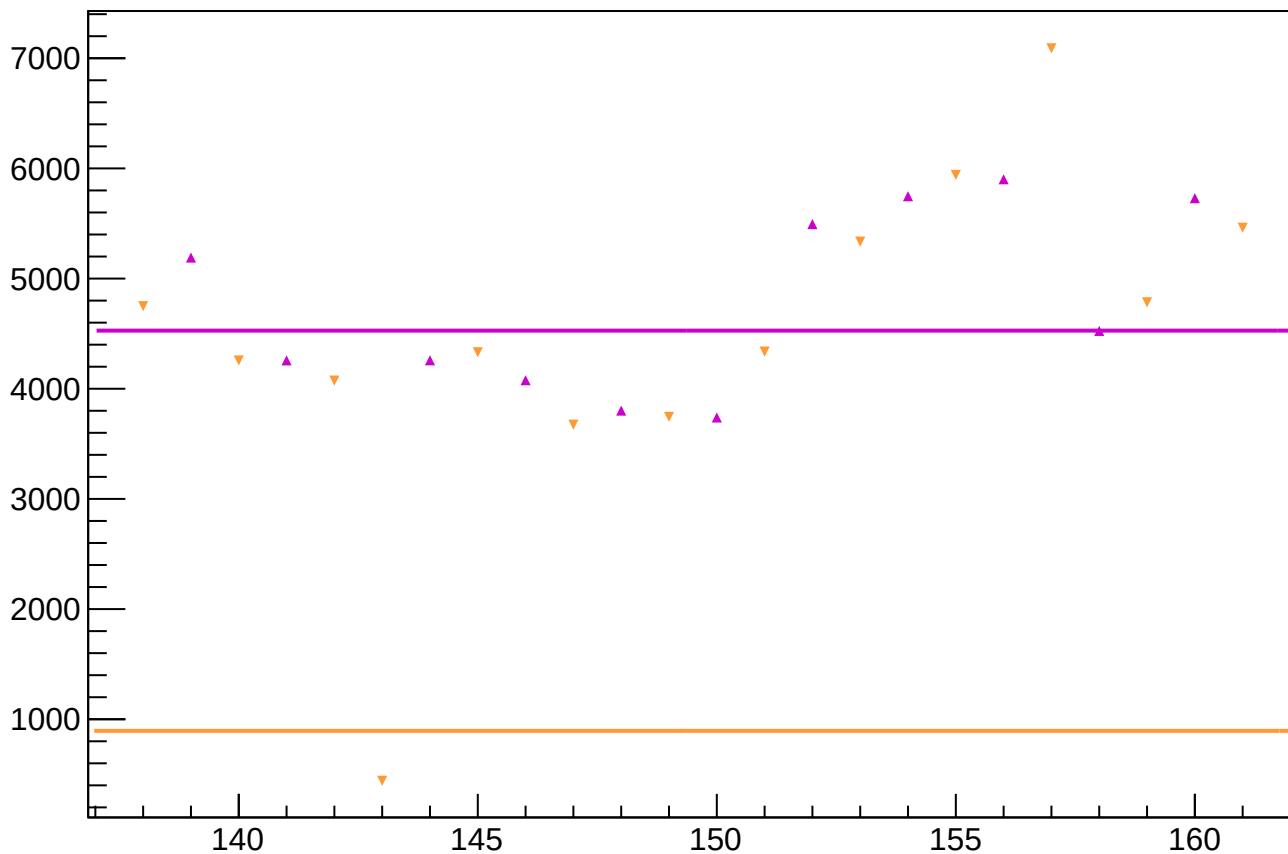
Left In: 1814.777+/-1527.557 χ^2/NDF : 6.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.568+/-485.375 χ^2/NDF : 29.7/23

- 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: 894.798+/-0.362 χ^2/NDF :13092922.0/12

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

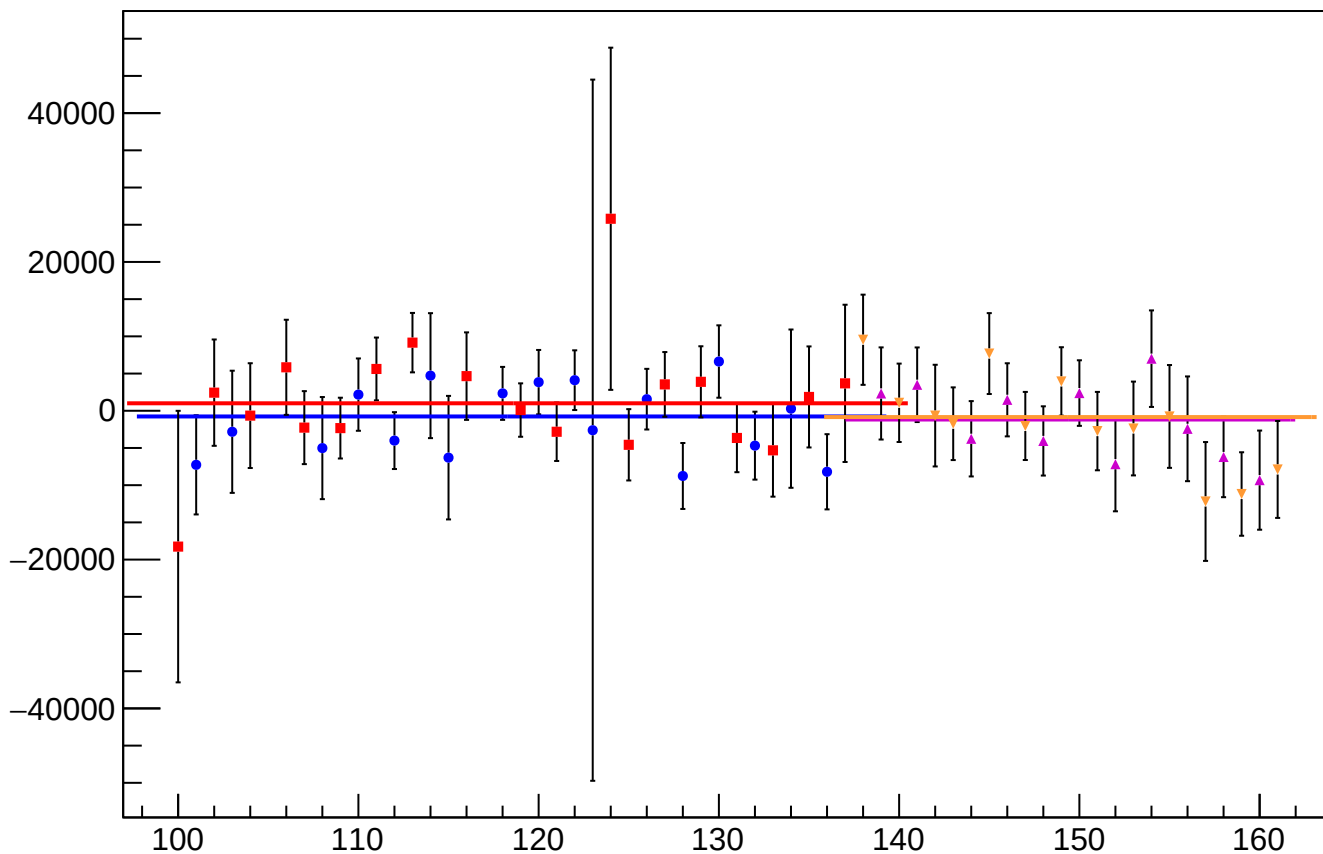
Left In: 4527.691+/-1.080 χ^2/NDF :475599.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1261.584+/-0.343 χ^2/NDF : 23738458.7/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



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

Left Out: -847.918+/-1564.241 χ^2/NDF : 13.5/12

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

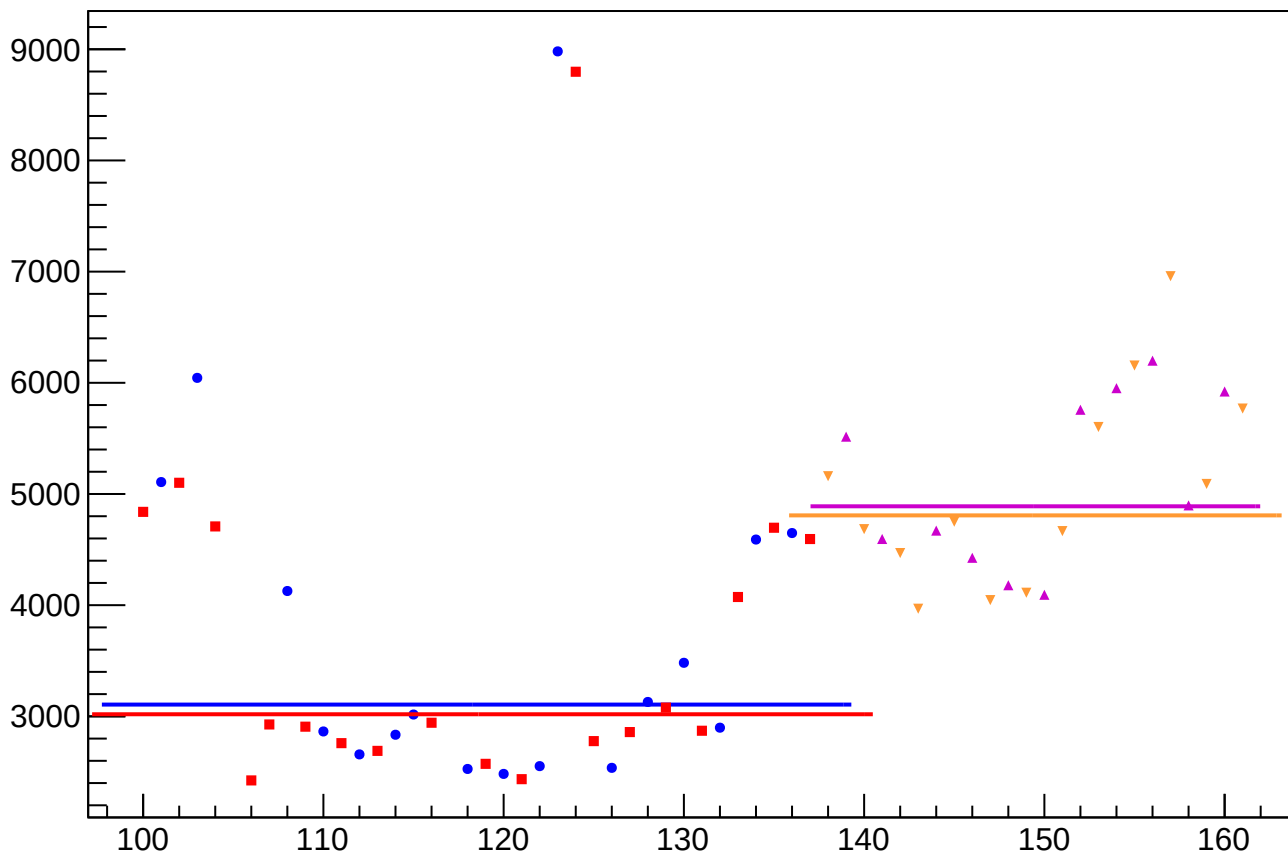
Left In: -1175.230+/-1644.798 χ^2/NDF : 7.7/10

+ sign -797.307+/-975.414 χ^2/NDF : 29.0/29

All: -265.438+/-685.910 χ^2/NDF : 53.4/59

- sign 254.832+/-964.720 χ^2/NDF : 23.8/29

asym_atl_dd_rms vs Slug



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

Left Out: 4807.598 ± 1.106 χ^2/NDF : 476433.0/12

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

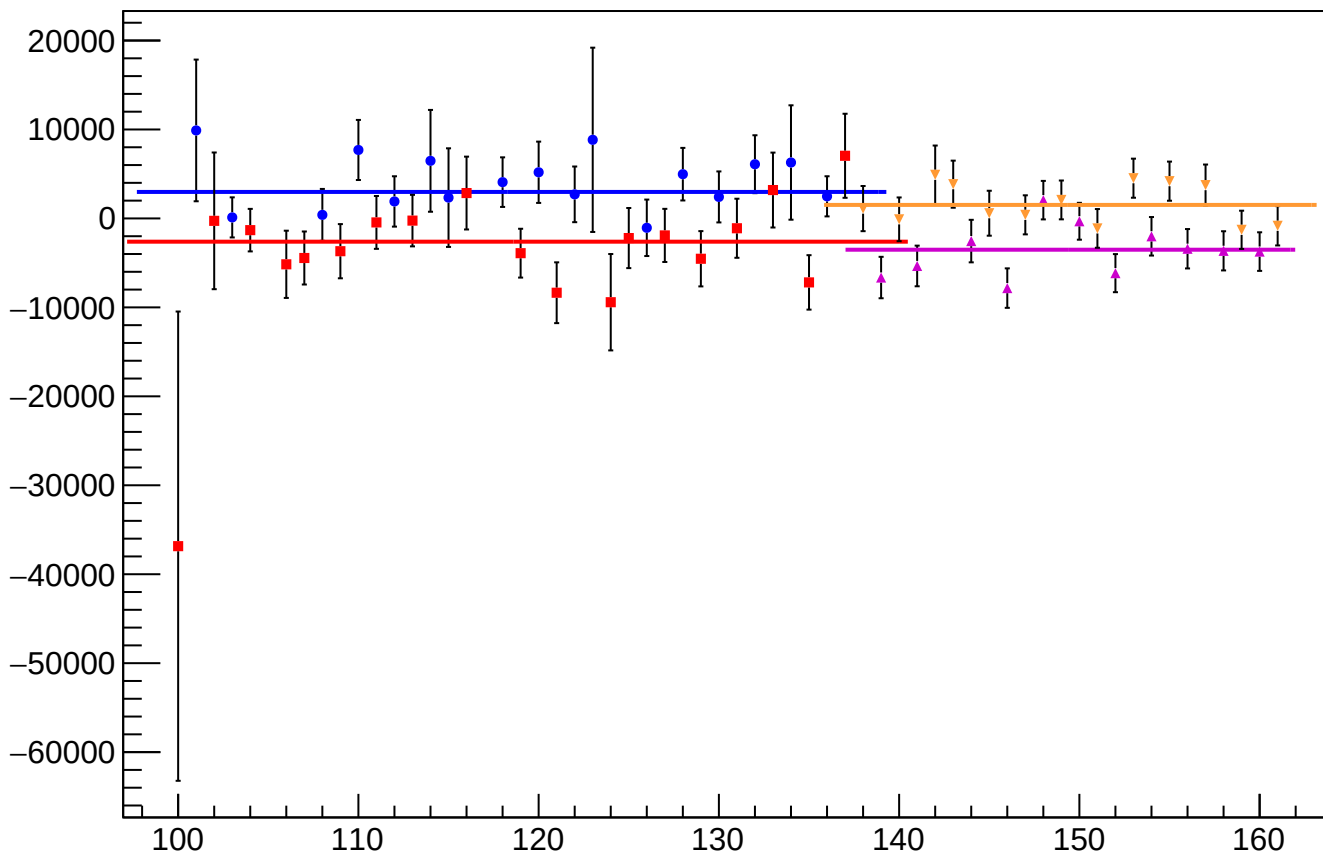
Left In: 4889.322 ± 1.163 χ^2/NDF : 369164.9/10

+ sign 3767.553 ± 0.690 χ^2/NDF : 2882930.9/29

All: 3708.528 ± 0.483 χ^2/NDF : 5772125.1/59

- sign 3651.736 ± 0.677 χ^2/NDF : 2874824.1/29

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1519.074 $\pm$ 650.544 χ^2 /NDF: 11.3/12

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

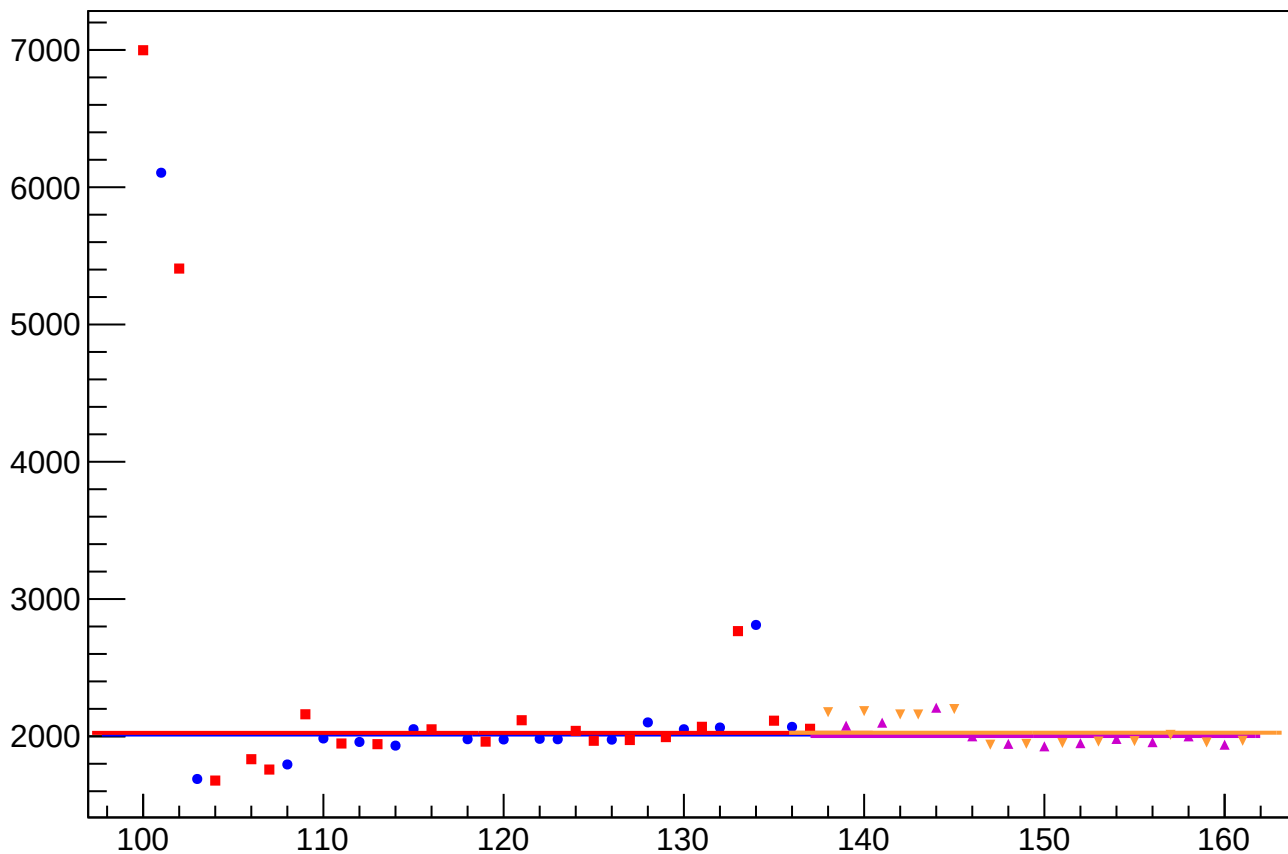
Left In: -3517.401 $\pm$ 665.987 χ^2 /NDF: 17.4/10

+ sign 2104.013 $\pm$ 503.567 χ^2 /NDF: 23.2/29

All: -497.434 $\pm$ 357.410 χ^2 /NDF: 114.8/59

- sign -3138.260 $\pm$ 507.364 χ^2 /NDF: 37.8/29

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2026.215+/-0.460 χ^2/NDF : 47913.9/12

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

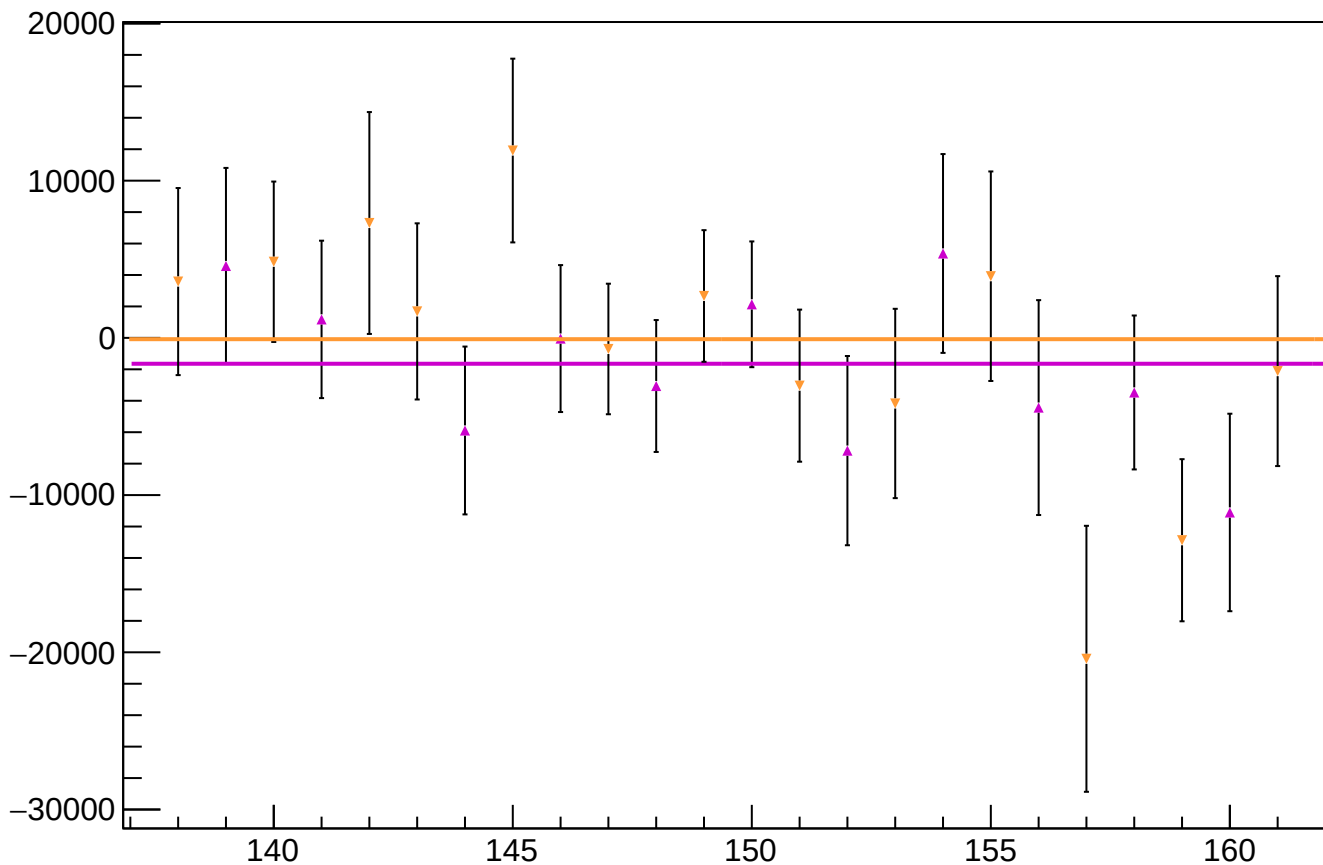
Left In: 2002.089+/-0.471 χ^2/NDF : 28520.6/10

+ sign 2020.896+/-0.356 χ^2/NDF : 665954.8/29

All: 2016.350+/-0.253 χ^2/NDF : 1293226.1/59

- sign 2011.736+/-0.359 χ^2/NDF : 626942.8/29

asym_atr_avg_correction_mean vs Slug



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

Left Out: -83.377+/-1516.526 χ^2/NDF :20.4/12

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

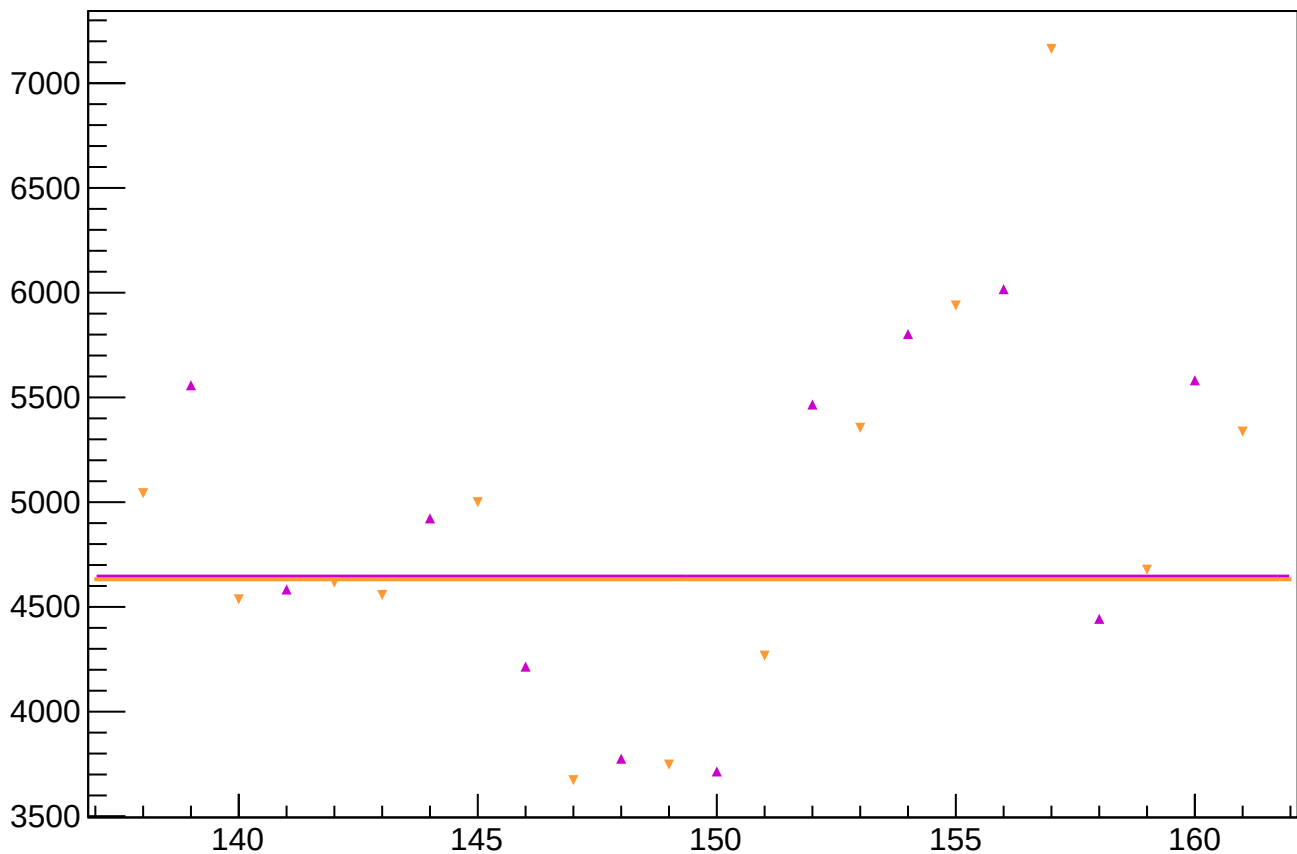
Left In: -1645.835+/-1567.642 χ^2/NDF :7.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -838.717+/-1089.969 χ^2/NDF : 28.6/23

- 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: 4632.102+/-1.072 χ^2/NDF : 538218.4/12

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

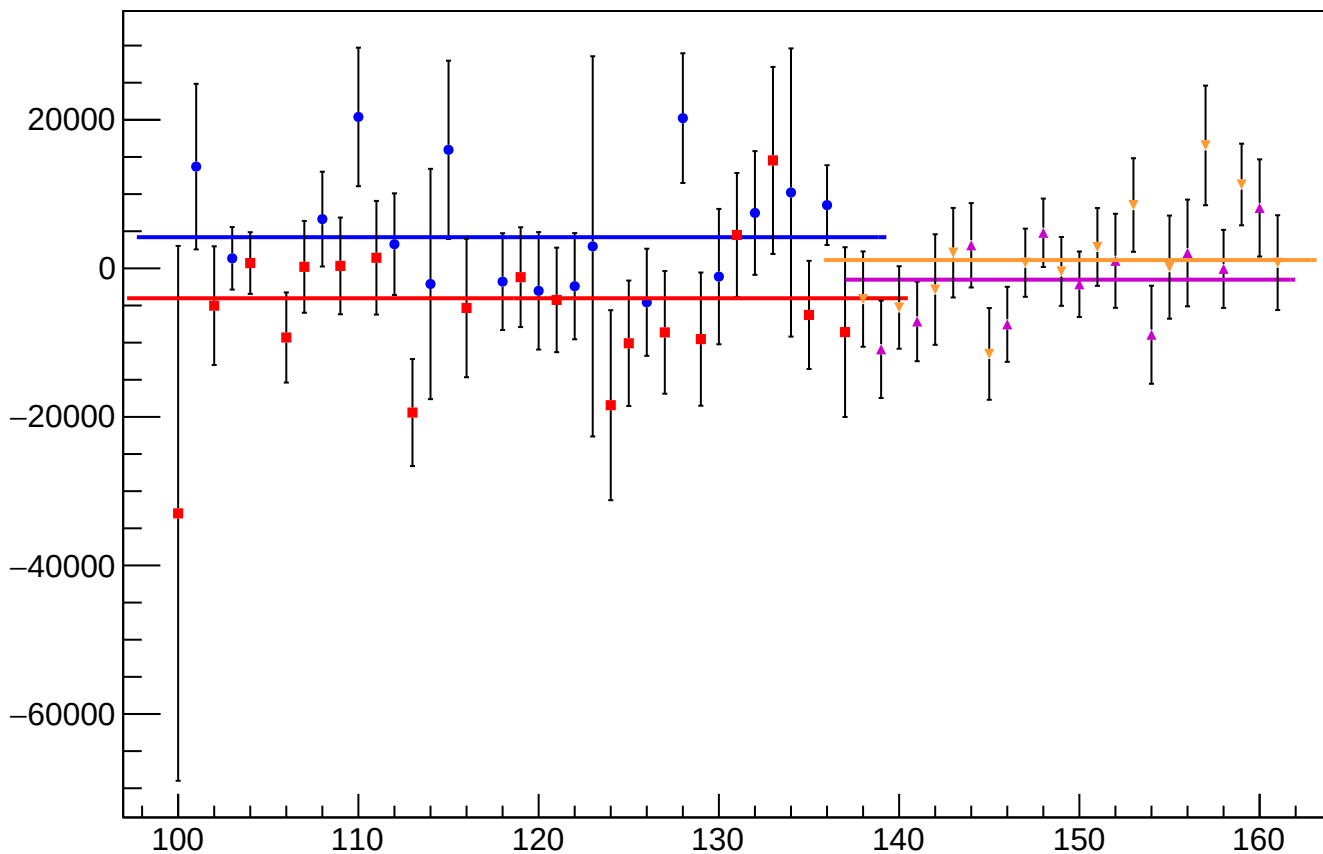
Left In: 4644.618+/-1.108 χ^2/NDF : 492346.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4638.153+/-0.771 χ^2/NDF : 1030630.7/23

- 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: 1117.535+/-1626.507 χ^2/NDF : 15.2/12

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

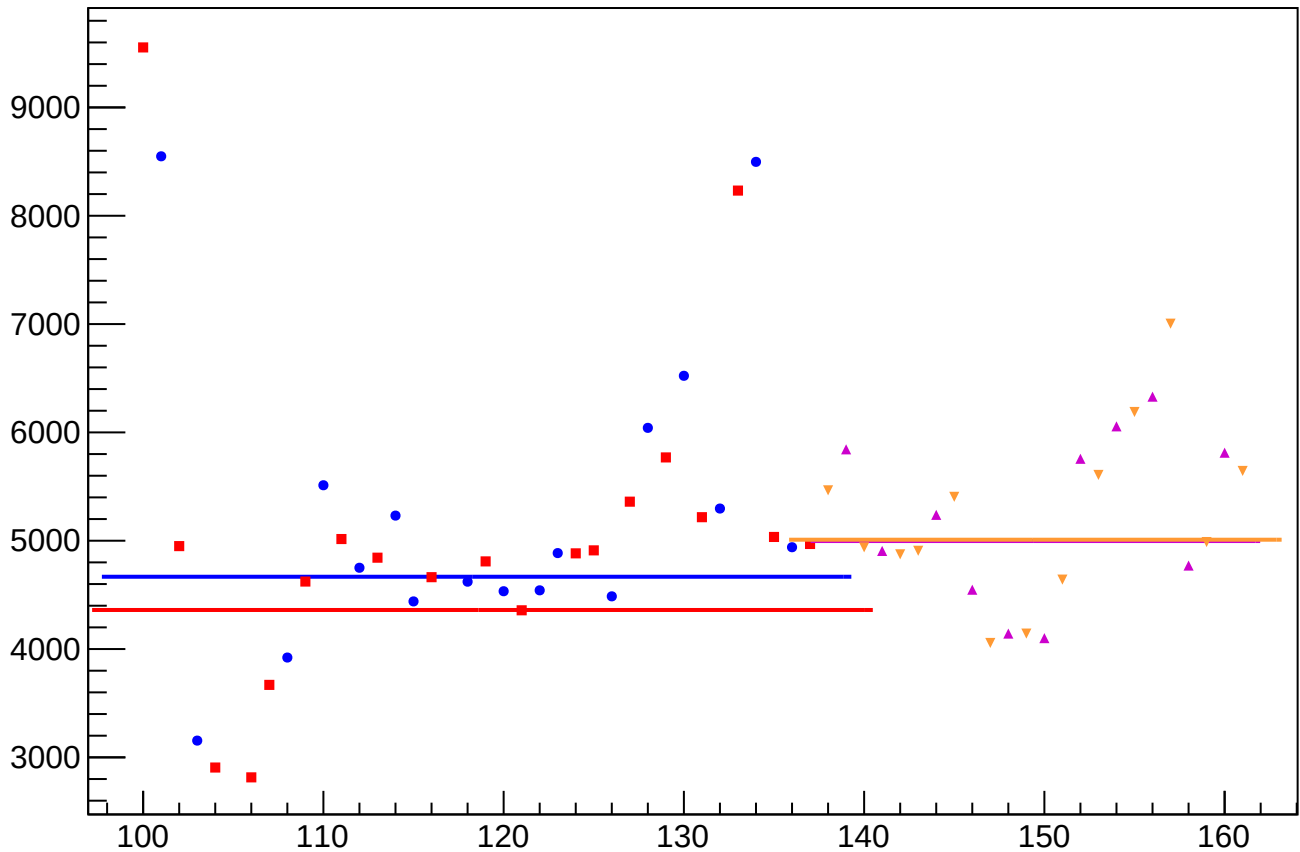
Left In: -1521.365+/-1681.557 χ^2/NDF : 11.1/10

+ sign 2454.511+/-1223.768 χ^2/NDF : 30.9/29

All: -184.916+/-858.322 χ^2/NDF : 67.0/59

- sign -2740.482+/-1204.170 χ^2/NDF : 27.0/29

asym_atr_avg_rms vs Slug



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

Left Out: 5009.327+/-1.150 χ^2/NDF : 404213.1/12

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

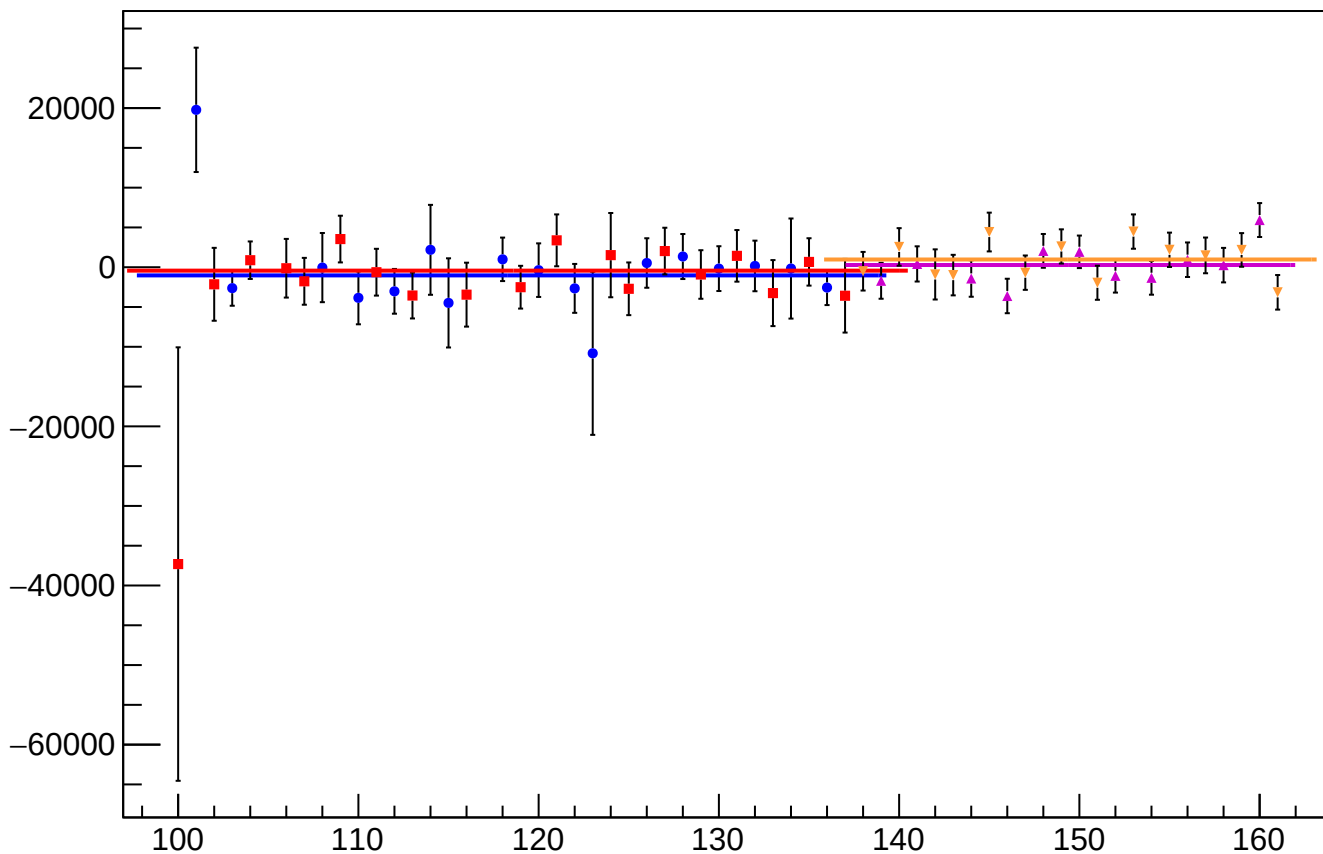
Left In: 4997.021+/-1.189 χ^2/NDF : 388518.1/10

+ sign 4860.992+/-0.865 χ^2/NDF : 1220406.9/29

All: 4771.383+/-0.606 χ^2/NDF : 2603127.3/59

- sign 4685.109+/-0.849 χ^2/NDF : 1361672.4/29

dit_asym_atr_dd_mean vs Slug



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

Left Out: 971.614 ± 634.364 χ^2/NDF : 13.8/12

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

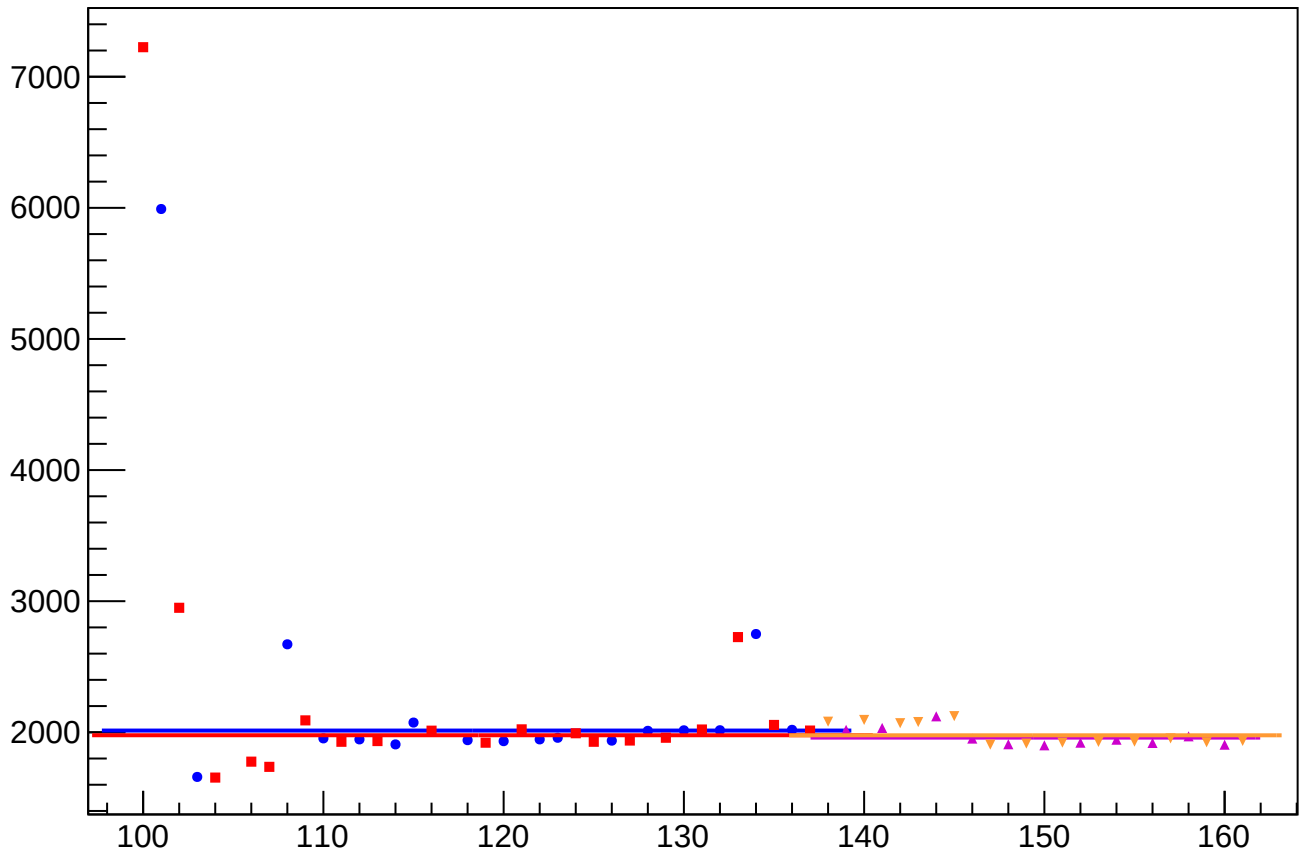
Left In: 278.700 ± 651.620 χ^2/NDF : 14.0/10

+ sign 196.001 ± 496.239 χ^2/NDF : 30.7/29

All: 87.437 ± 350.423 χ^2/NDF : 56.0/59

- sign -20.546 ± 494.910 χ^2/NDF : 25.3/29

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1977.121 ± 0.449 χ^2/NDF : 30270.0/12

+ sign 1991.149 ± 0.351 χ^2/NDF : 682839.0/29

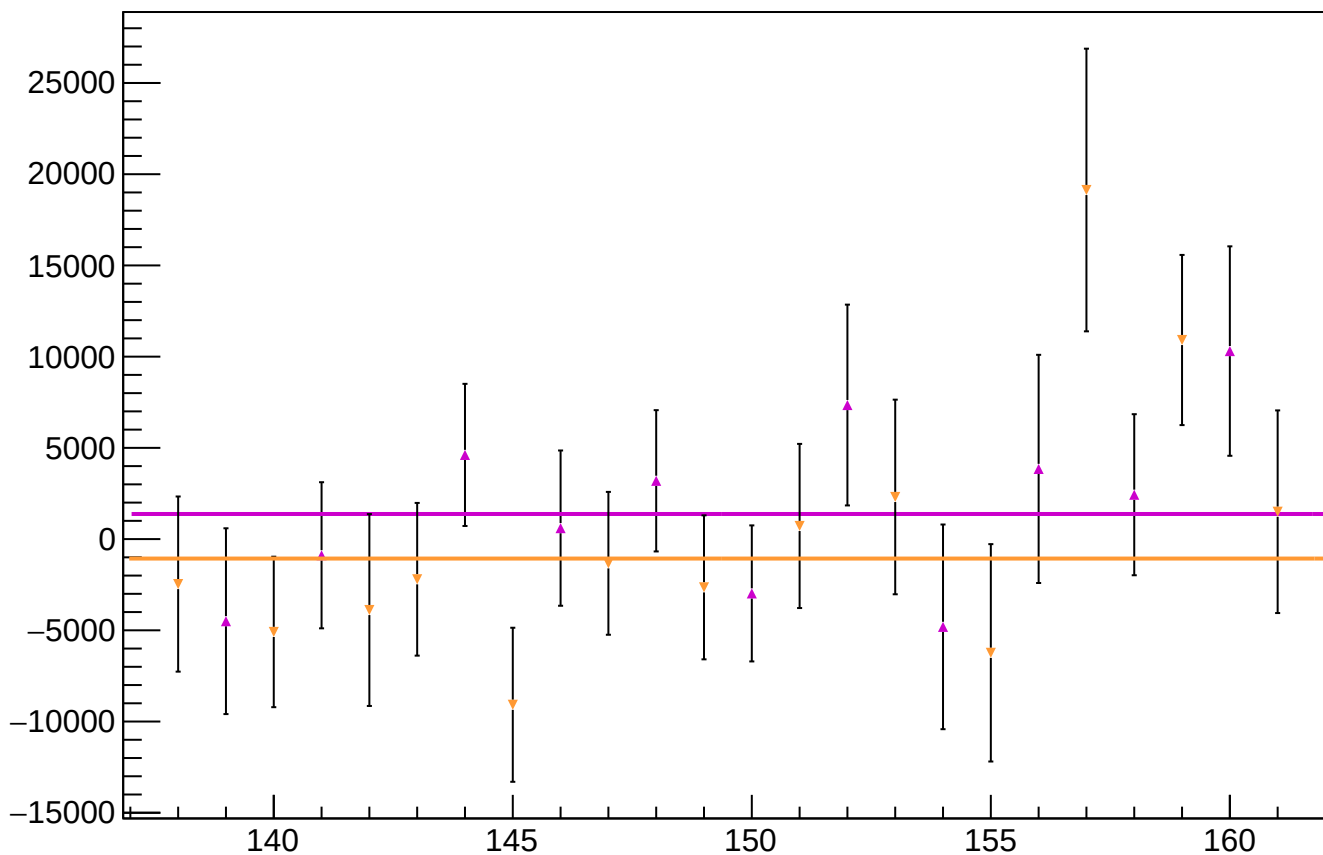
Right Out: 1977.545 ± 0.537 χ^2/NDF : 294899.1/18

All: 1979.111 ± 0.248 χ^2/NDF : 999934.5/59

- sign 1967.148 ± 0.350 χ^2/NDF : 314749.1/29

Left In: 1959.506 ± 0.461 χ^2/NDF : 19200.6/10

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1067.059+/-1303.219 χ^2/NDF : 20.1/12

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

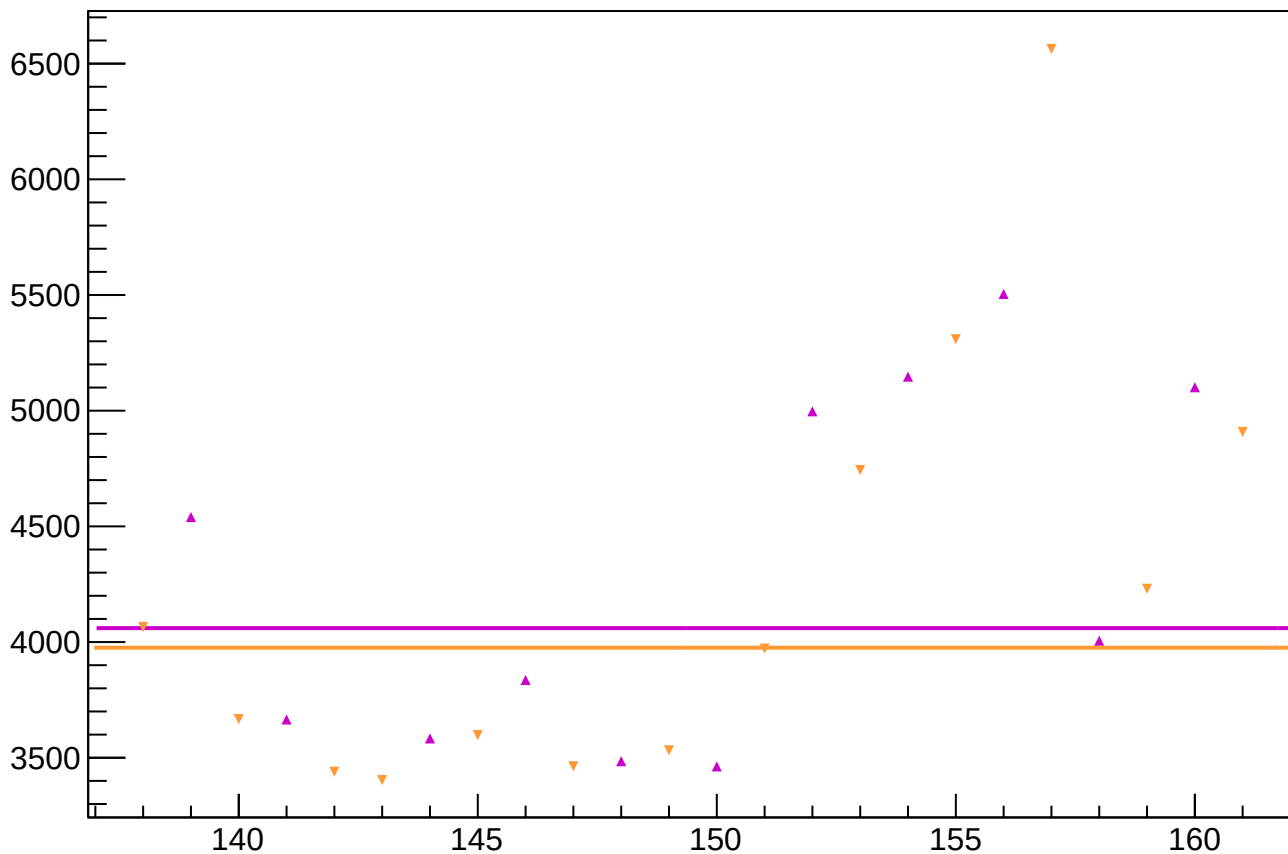
Left In: 1375.810+/-1370.056 χ^2/NDF : 9.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.337+/-944.260 χ^2/NDF : 30.7/23

- 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: 3975.672+/-0.922 χ^2/NDF : 572747.0/12

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

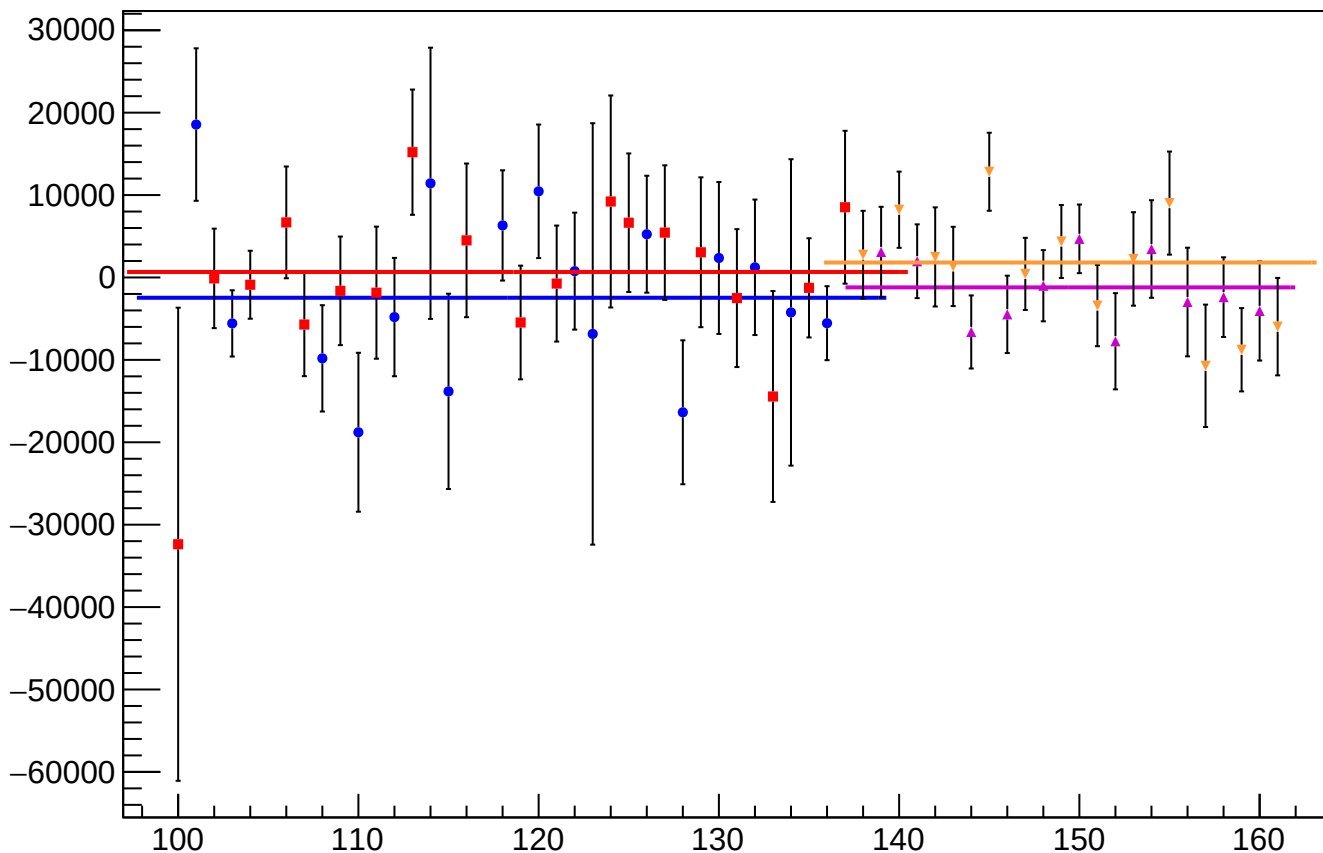
Left In: 4060.251+/-0.969 χ^2/NDF : 474057.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4015.848+/-0.668 χ^2/NDF : 1050805.7/23

- 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: 1813.161 $\pm$ 1436.917 χ^2 /NDF:19.2/12

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

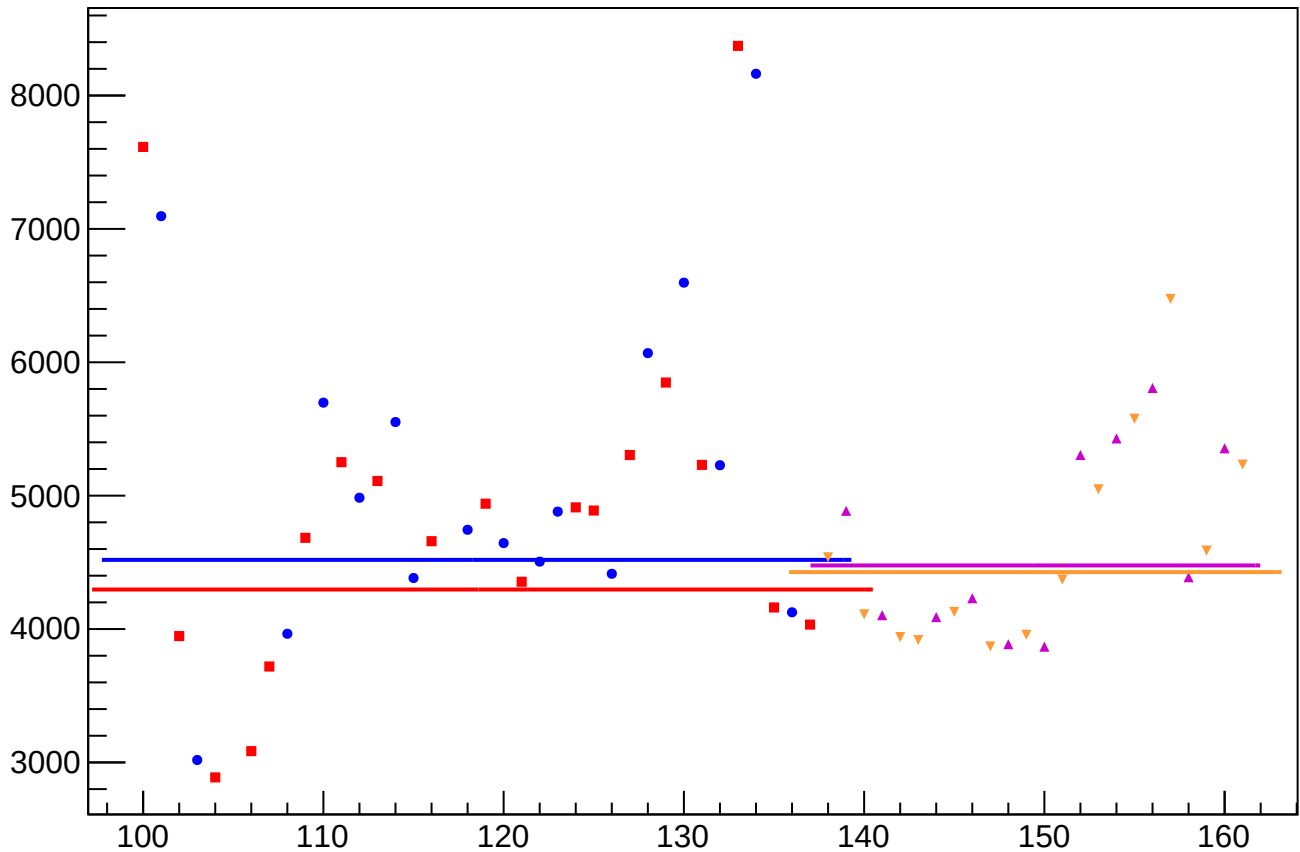
Left In: -1205.002 $\pm$ 1504.148 χ^2 /NDF:7.3/10

+ sign 146.004 $\pm$ 1122.323 χ^2 /NDF: 43.5/29

All: -115.628 $\pm$ 794.026 χ^2 /NDF: 63.5/59

- sign -377.820 $\pm$ 1123.523 χ^2 /NDF: 19.9/29

asym_atr_dd_rms vs Slug



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

Left Out: 4427.173 ± 1.016 χ^2/NDF : 391806.9/12

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

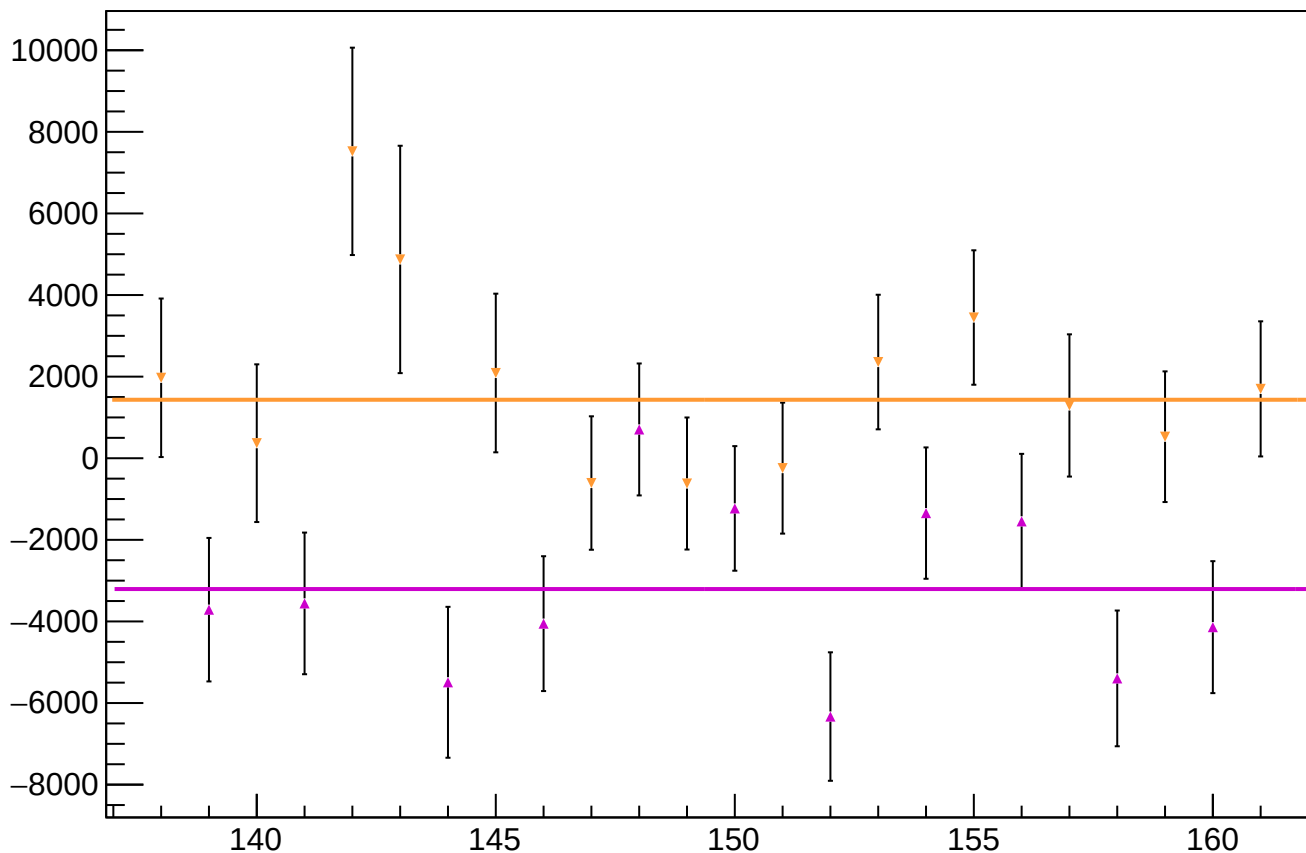
Left In: 4476.885 ± 1.064 χ^2/NDF : 342619.3/10

+ sign 4462.857 ± 0.794 χ^2/NDF : 1165196.8/29

All: 4429.679 ± 0.561 χ^2/NDF : 2295821.0/59

- sign 4396.594 ± 0.792 χ^2/NDF : 1127133.5/29

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1433.504+/-497.265 χ^2/NDF :14.2/12

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

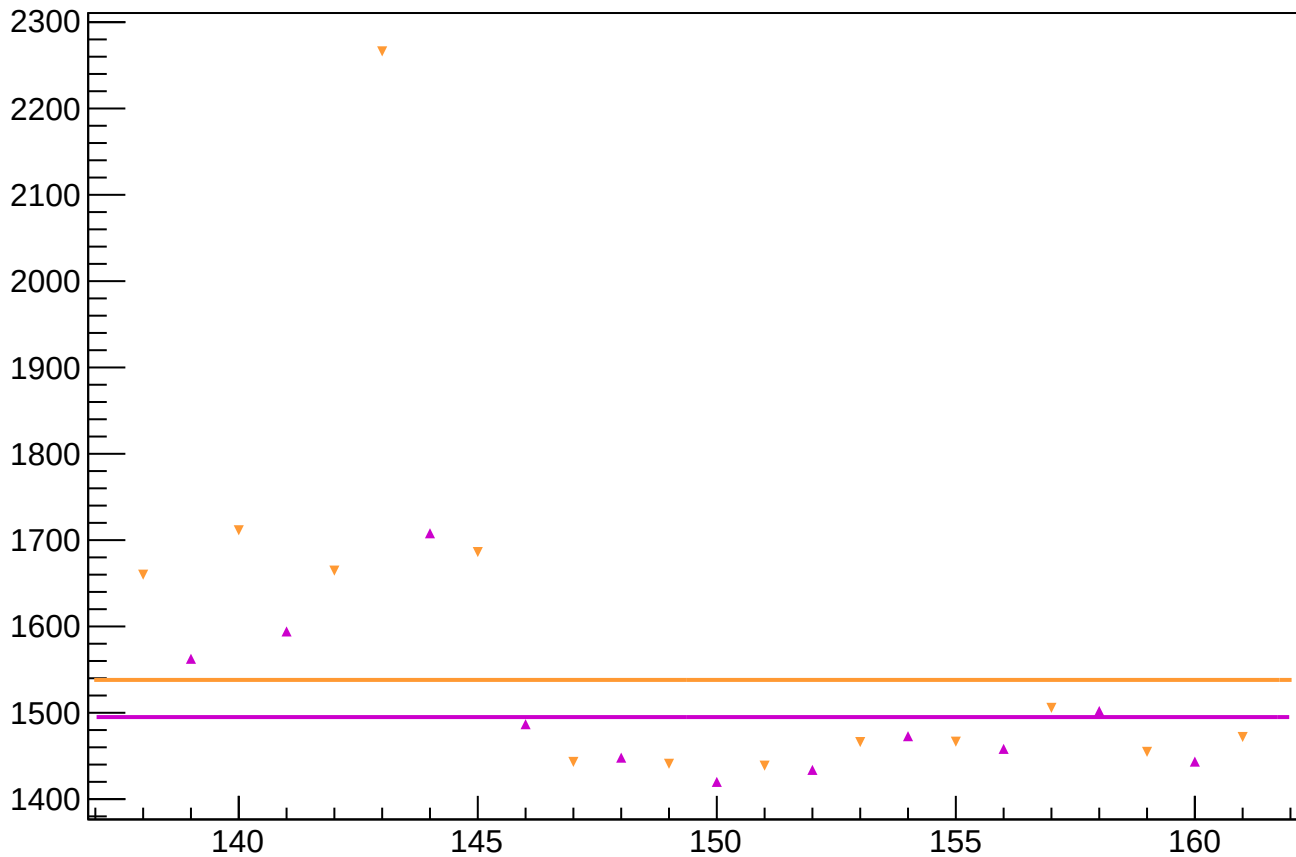
Left In: -3206.022+/-498.546 χ^2/NDF :17.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -880.288+/-352.071 χ^2/NDF : 75.4/23

- 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: 1538.076+/-0.352 χ^2/NDF : 215560.6/12

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

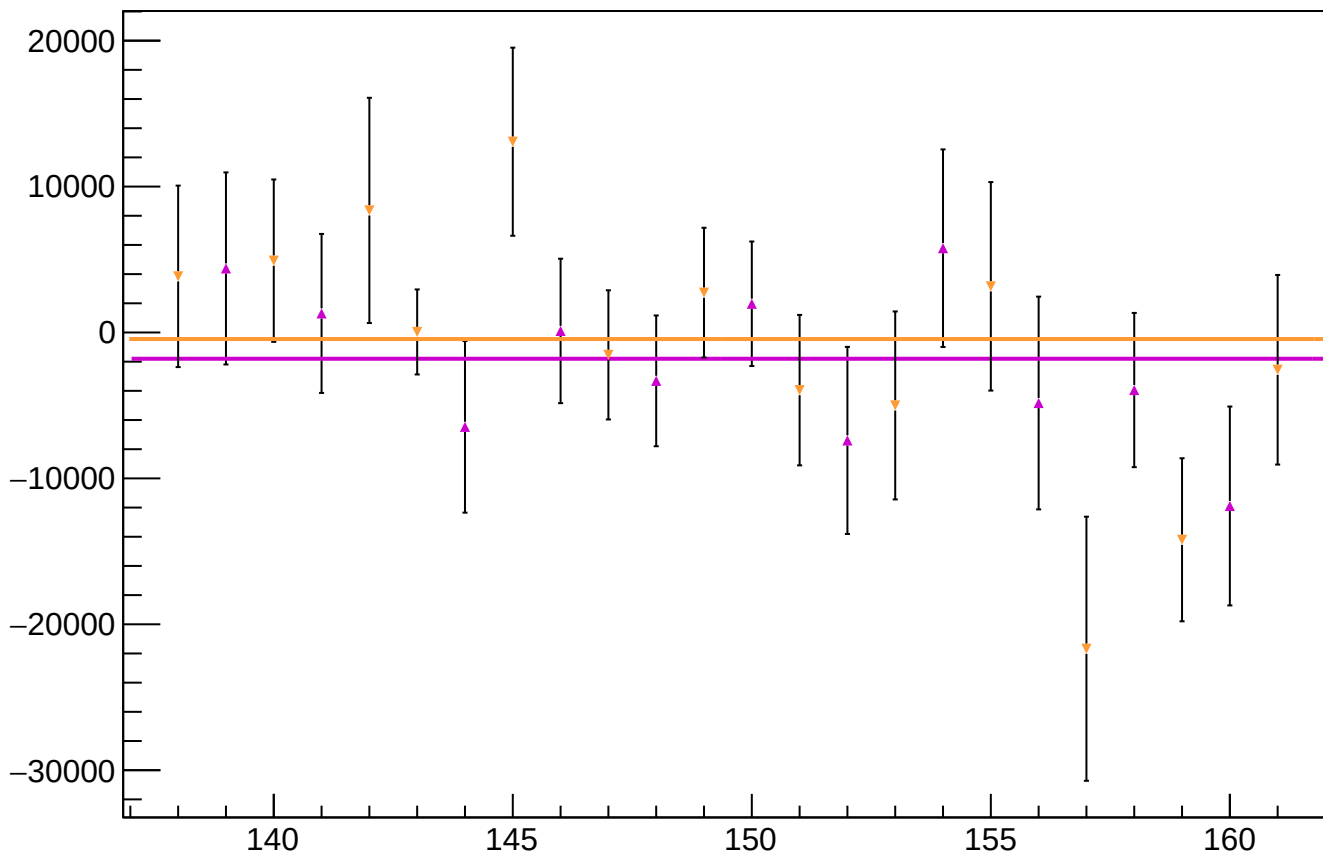
Left In: 1495.027+/-0.353 χ^2/NDF : 49018.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.607+/-0.249 χ^2/NDF : 272054.5/23

- 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: -448.522+/-1462.460 χ^2/NDF :20.6/12

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

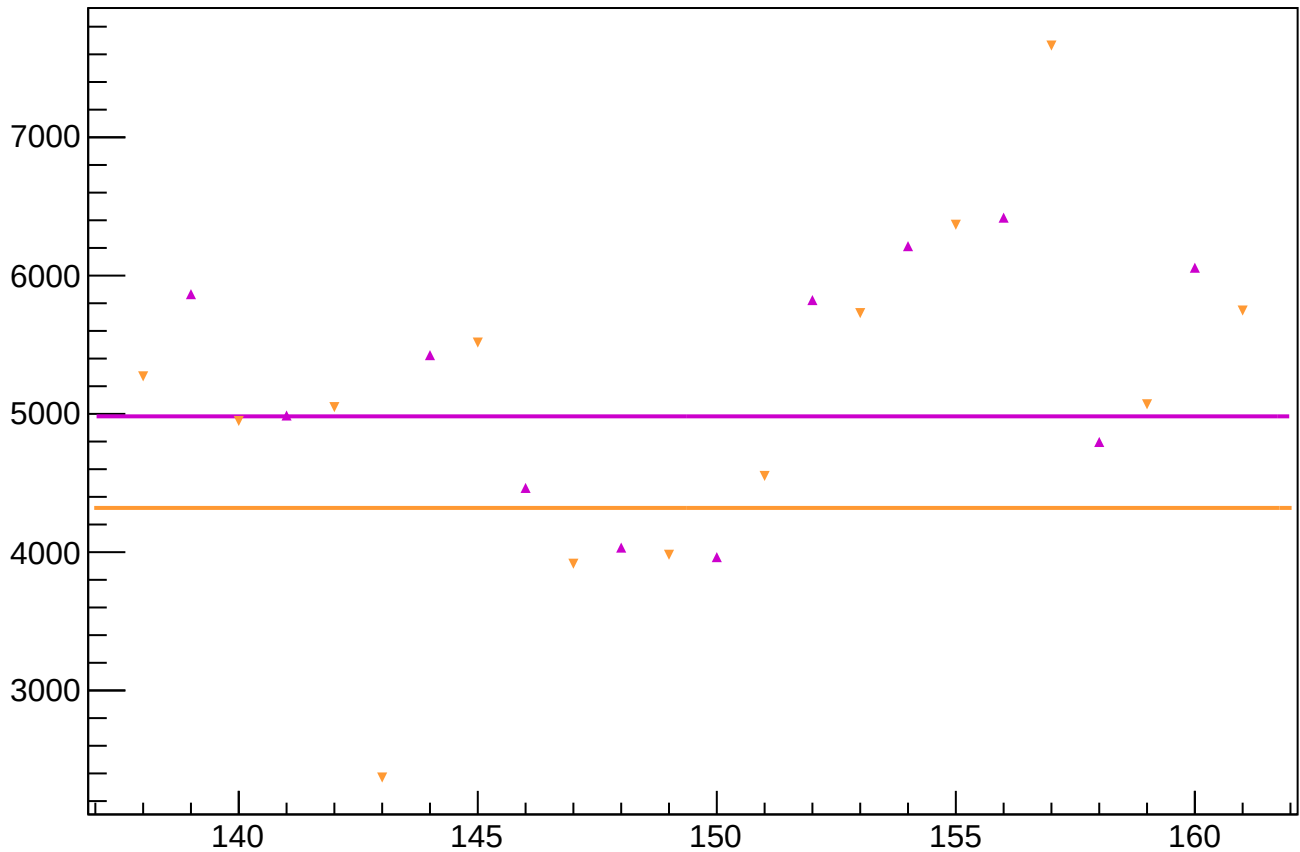
Left In: -1800.649+/-1682.056 χ^2/NDF :7.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1030.618+/-1103.644 χ^2/NDF : 28.4/23

- 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: 4319.993+/-1.034 χ^2/NDF :1751624.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

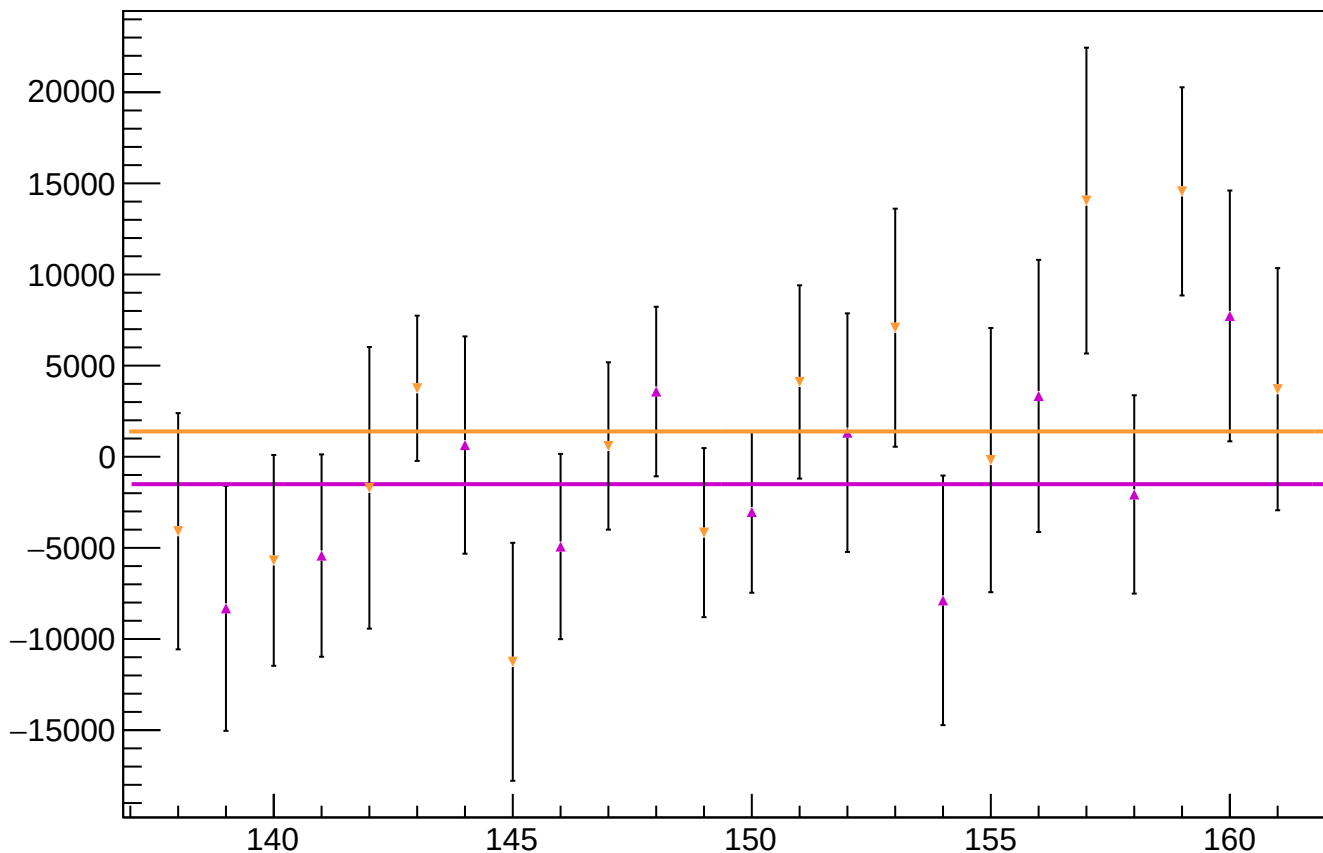
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4605.076+/-0.780 χ^2/NDF : 2431237.8/23

Left In: 4982.199+/-1.189 χ^2/NDF :503080.6/10

- 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: 1387.167+/-1588.420 χ^2/NDF :16.7/12

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

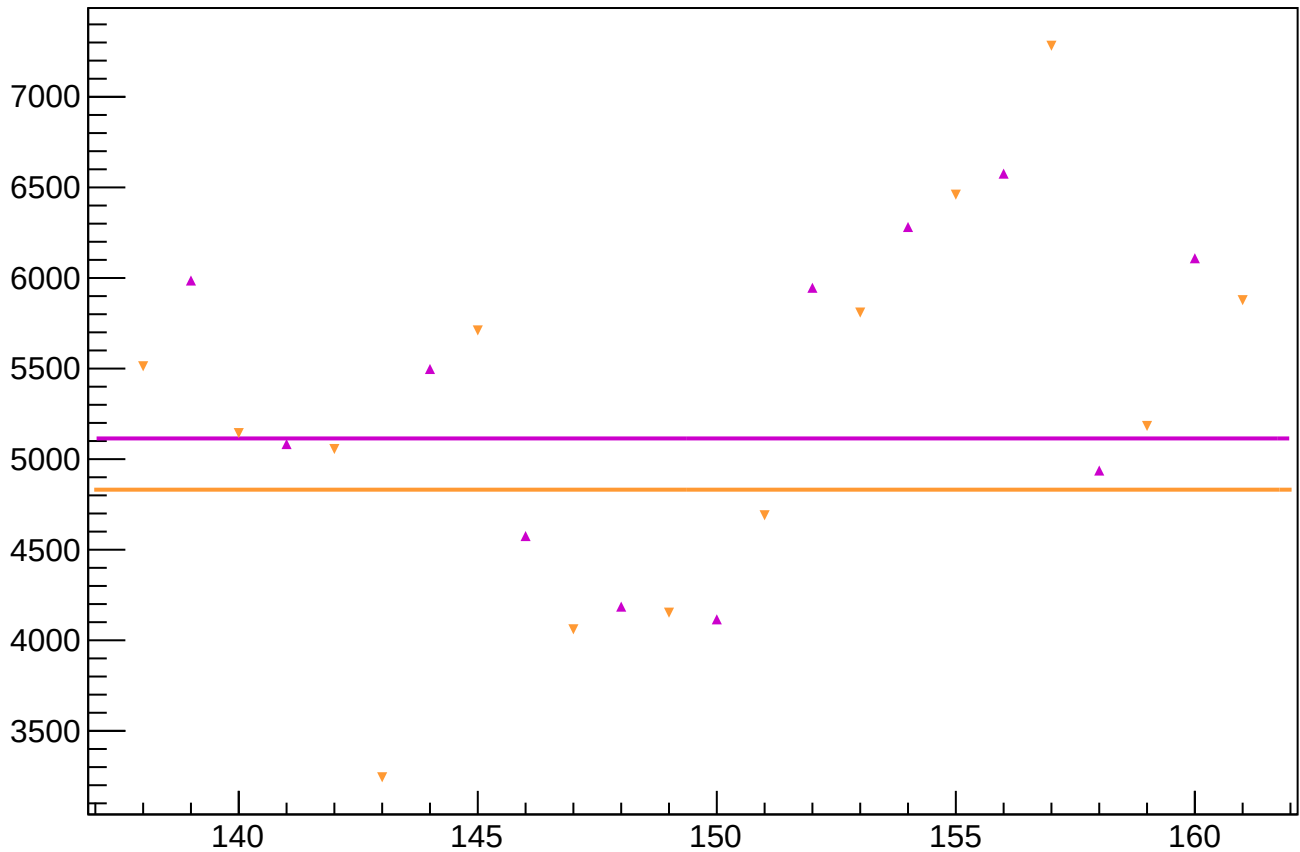
Left In: -1504.707+/-1724.972 χ^2/NDF :6.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.208+/-1168.480 χ^2/NDF : 24.9/23

- 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: 4831.484+/-1.123 χ^2/NDF : 857563.3/12

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

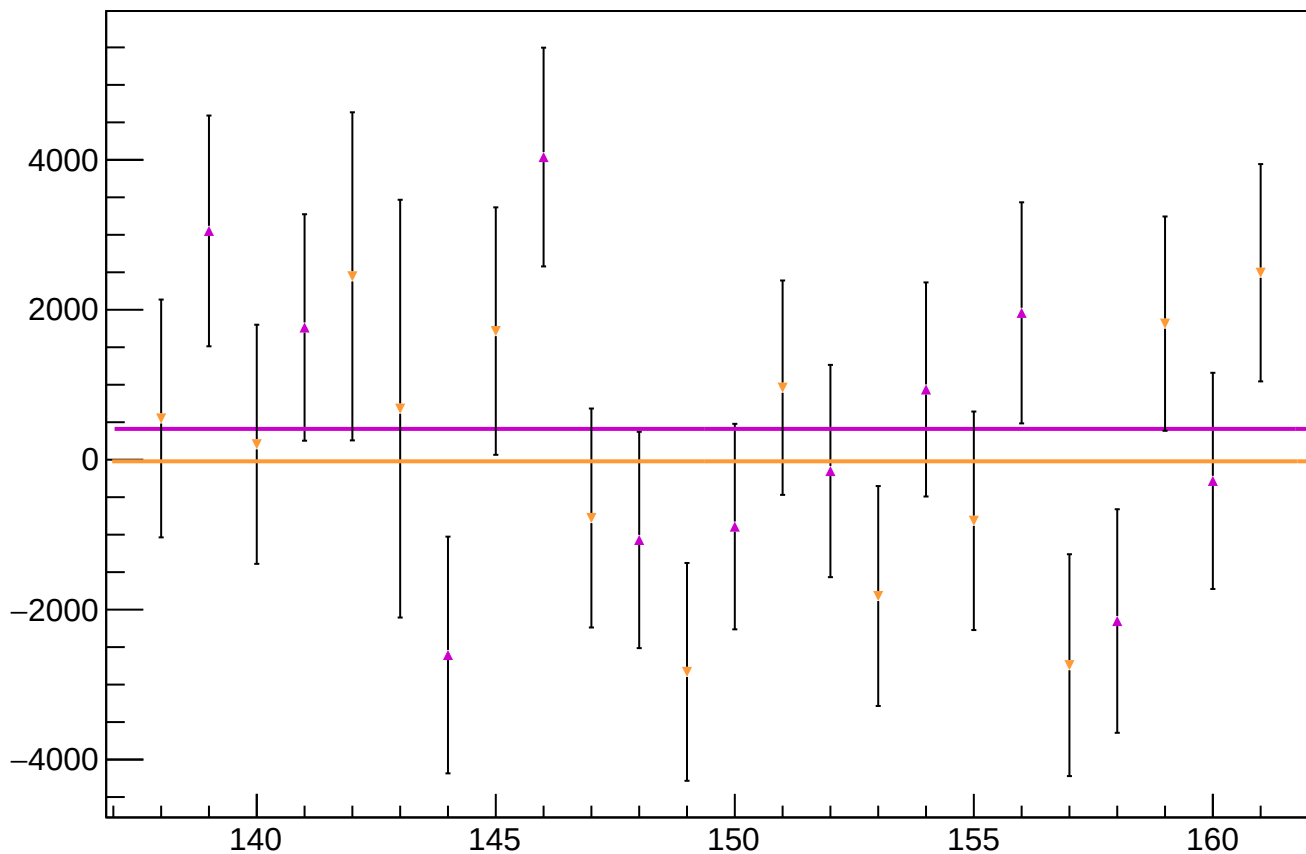
Left In: 5114.341+/-1.220 χ^2/NDF : 456694.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4961.275+/-0.826 χ^2/NDF : 1343358.9/23

- 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: -21.427 $\pm$ 435.003 χ^2 /NDF:16.9/12

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

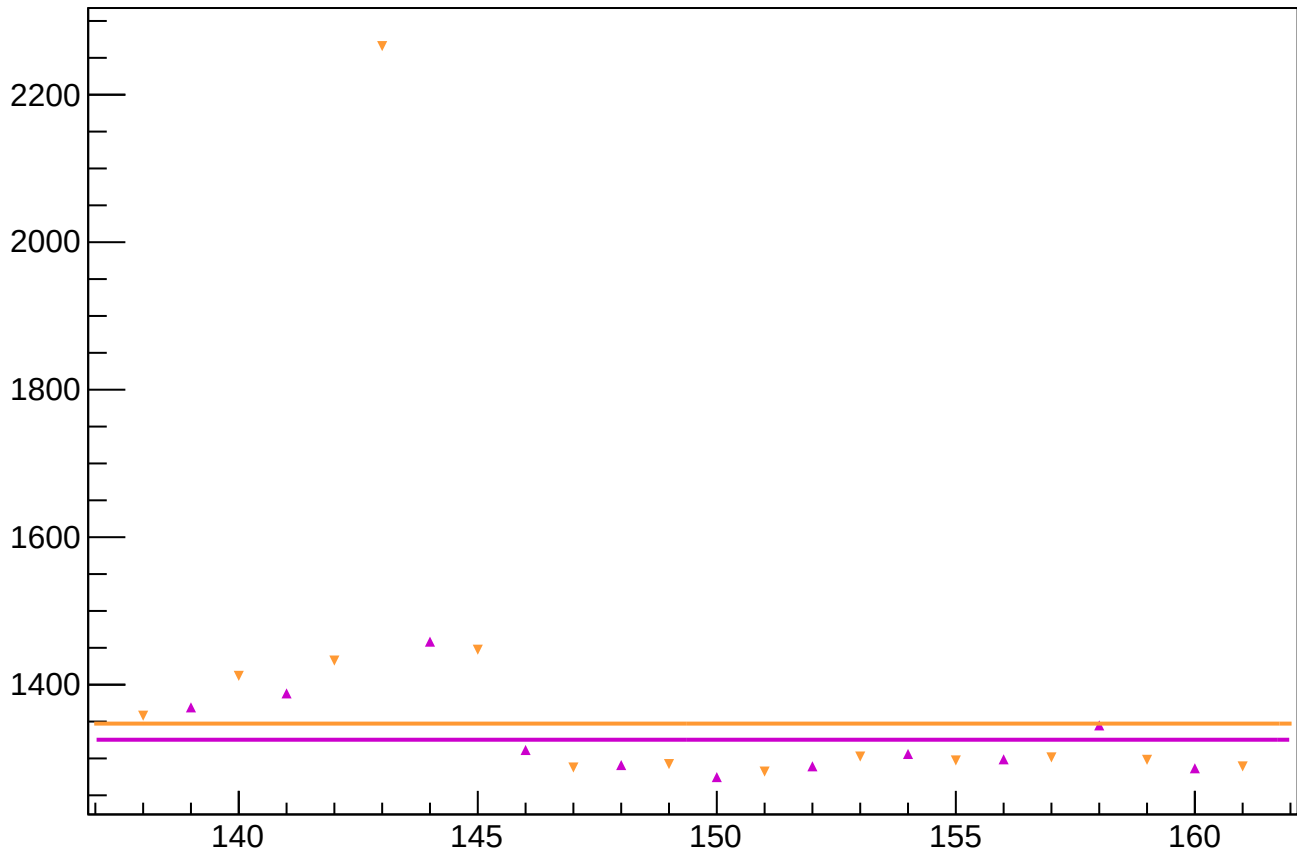
Left In: 410.791 $\pm$ 441.777 χ^2 /NDF:20.1/10

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

All: 191.343 $\pm$ 309.961 χ^2 /NDF: 37.5/23

- 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: 1347.233+/-0.308 χ^2/NDF :253222.4/12

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

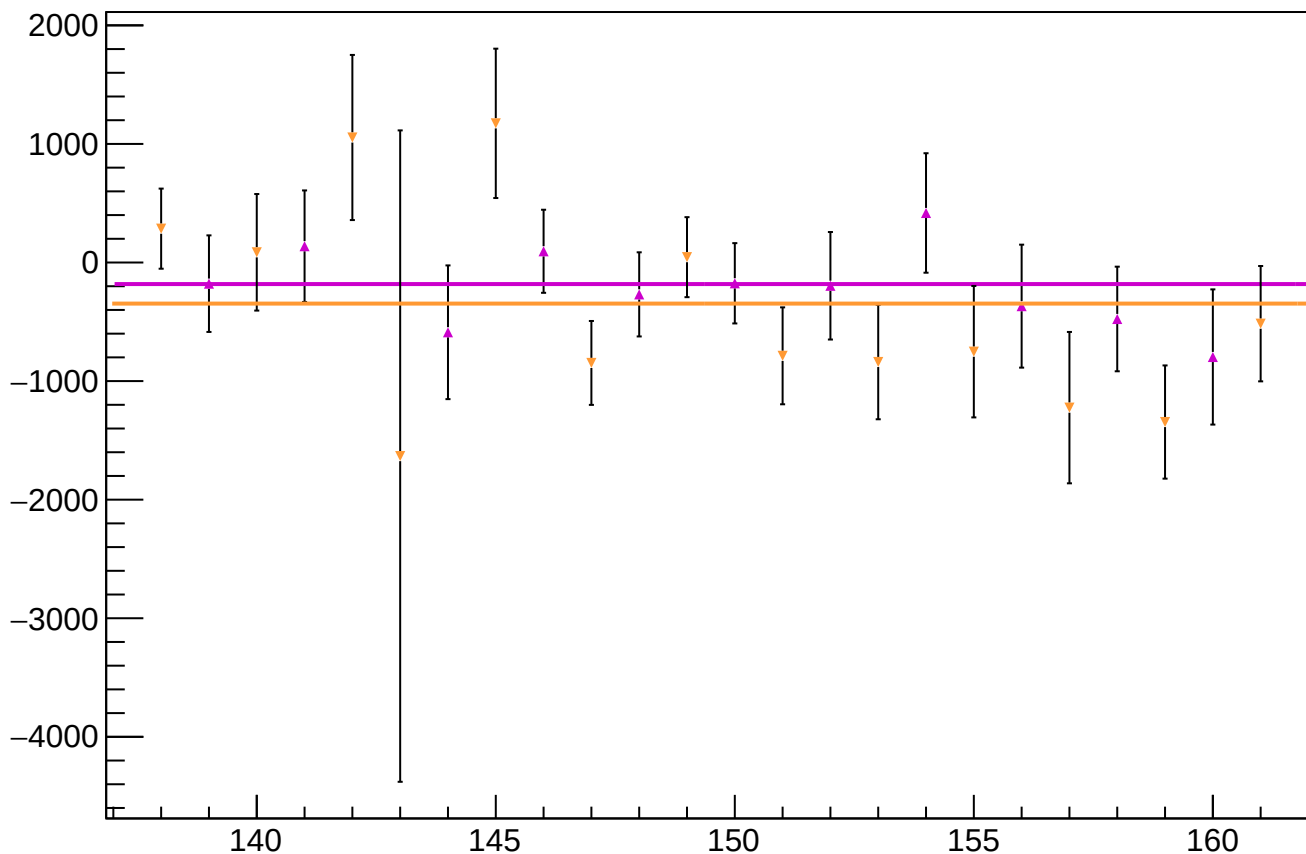
Left In: 1325.360+/-0.312 χ^2/NDF :27421.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.465+/-0.219 χ^2/NDF : 283132.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

Left Out: -346.482+/-130.202 χ^2/NDF : 26.8/12

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

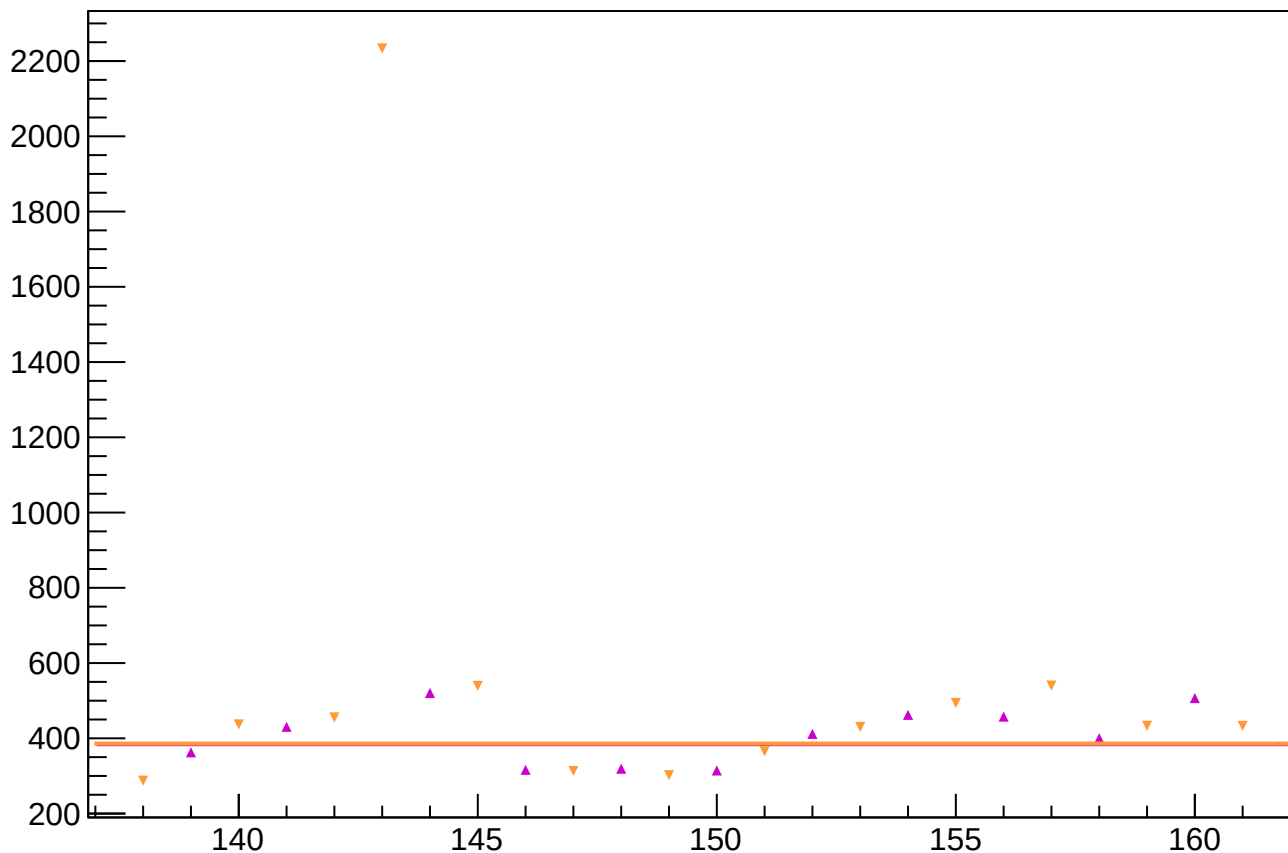
Left In: -181.787+/-129.909 χ^2/NDF : 4.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.949+/-91.963 χ^2/NDF : 32.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 386.107+/-0.092 χ^2/NDF :1696748.4/12

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

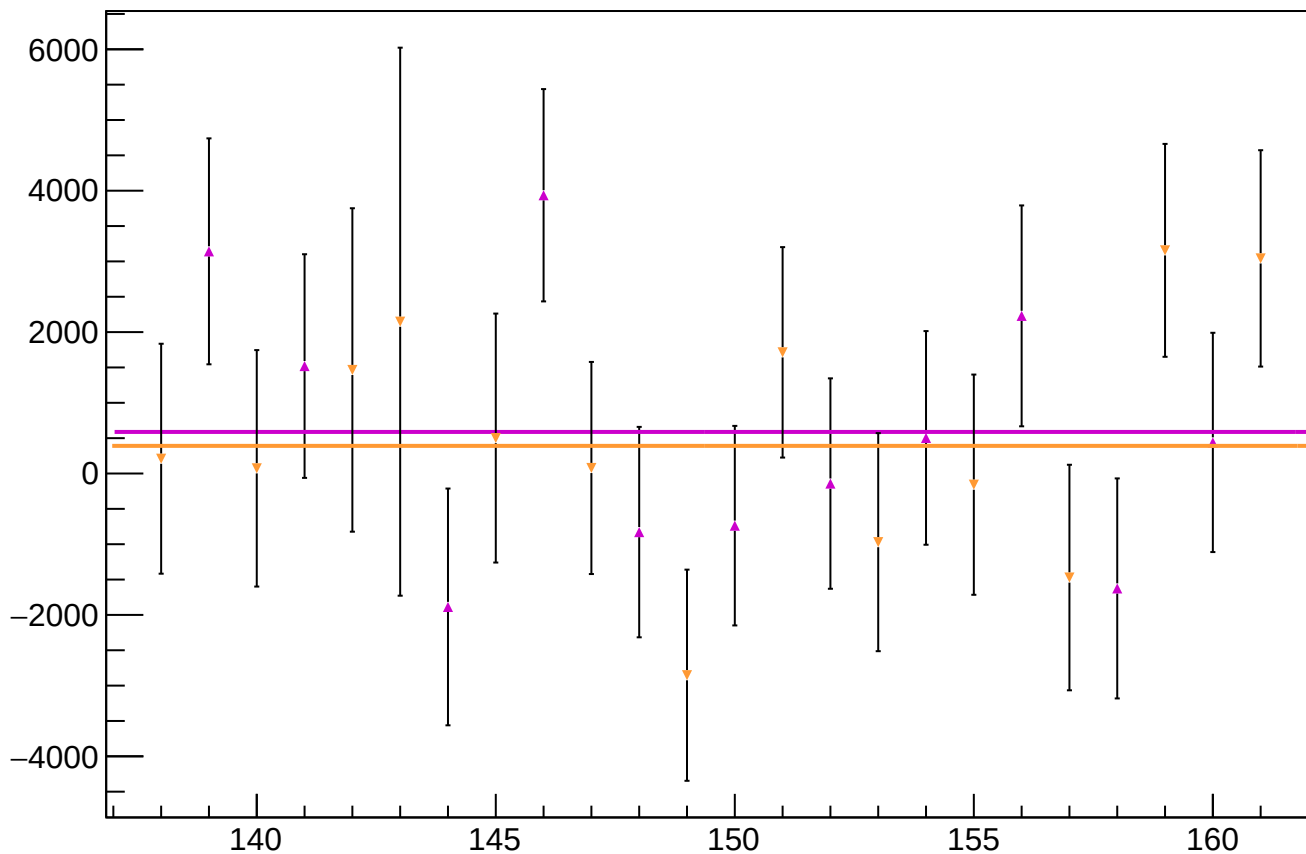
Left In: 384.378+/-0.092 χ^2/NDF :559877.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.241+/-0.065 χ^2/NDF : 2256802.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: 390.975 $\pm$ 458.617 χ^2 /NDF:14.7/12

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

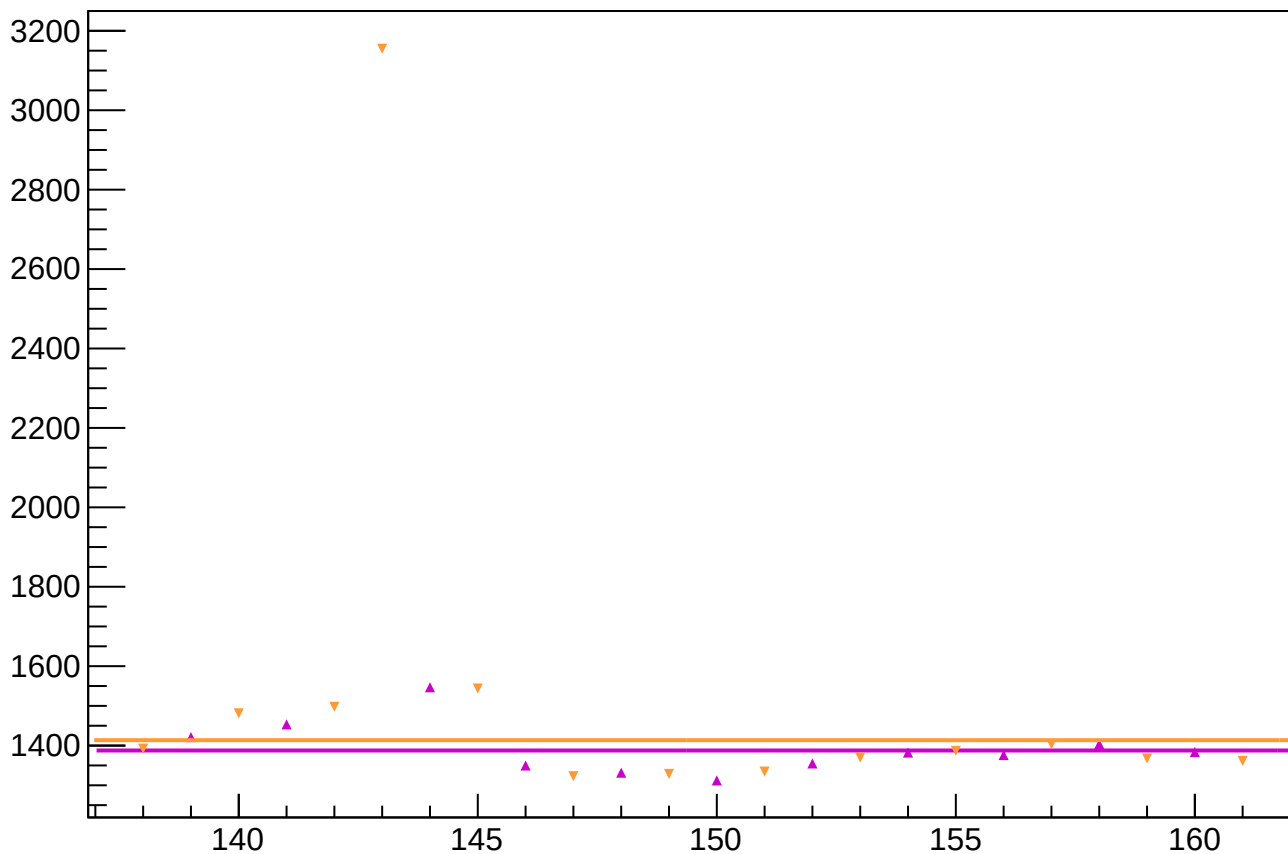
Left In: 587.989 $\pm$ 462.561 χ^2 /NDF:15.2/10

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

All: 488.639 $\pm$ 325.677 χ^2 /NDF: 30.0/23

- sign 0.000 $\pm$ 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: 1413.574+/-0.324 χ^2/NDF : 446879.2/12

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

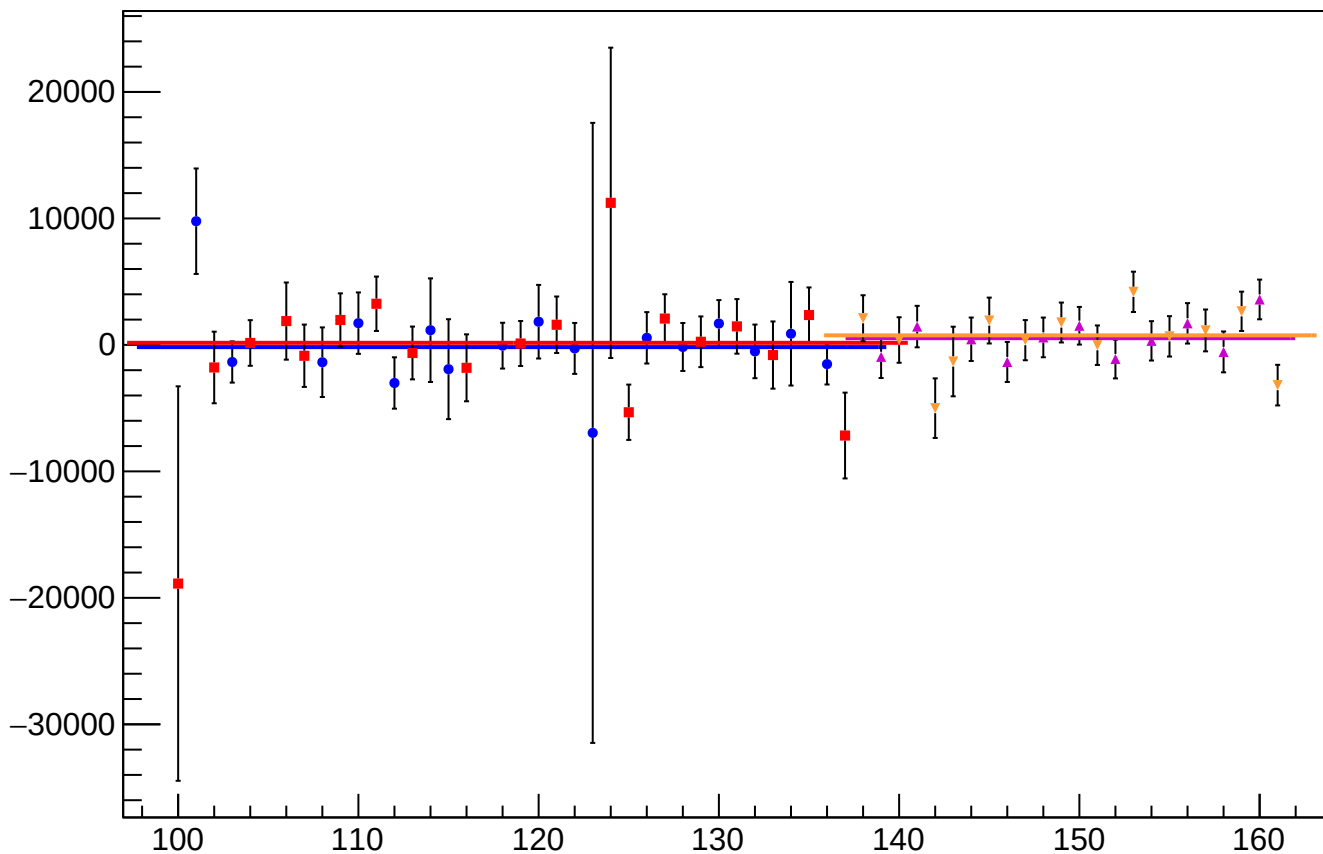
Left In: 1387.671+/-0.327 χ^2/NDF : 33566.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.733+/-0.230 χ^2/NDF : 483608.0/23

- 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: 755.597 ± 477.363 χ^2/NDF : 20.5/12

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

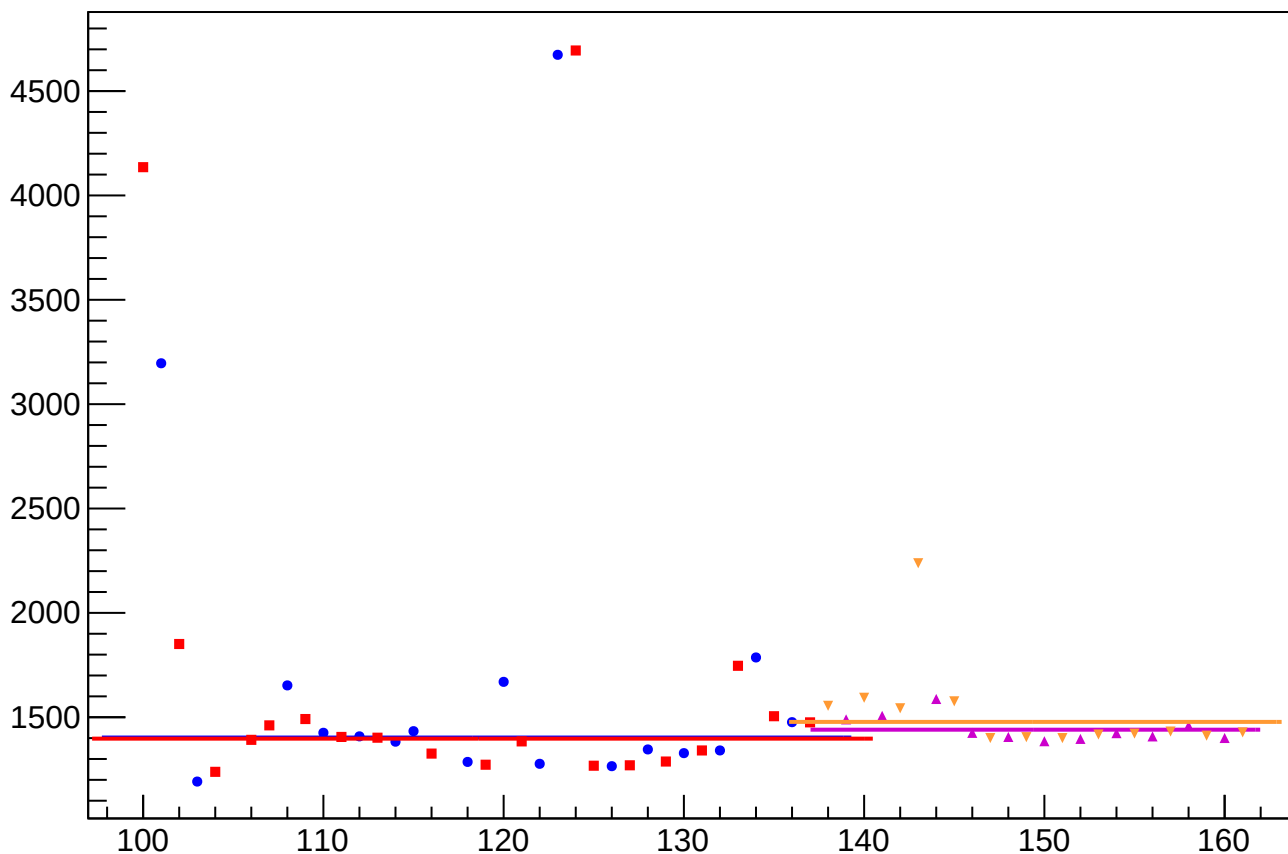
Left In: 532.282 ± 479.965 χ^2/NDF : 8.9/10

+ sign 359.676 ± 361.815 χ^2/NDF : 33.9/29

All: 364.978 ± 254.759 χ^2/NDF : 63.7/59

- sign 370.190 ± 358.772 χ^2/NDF : 29.8/29

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1477.648 $\pm$ 0.338 χ^2 /NDF: 198283.2/12

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

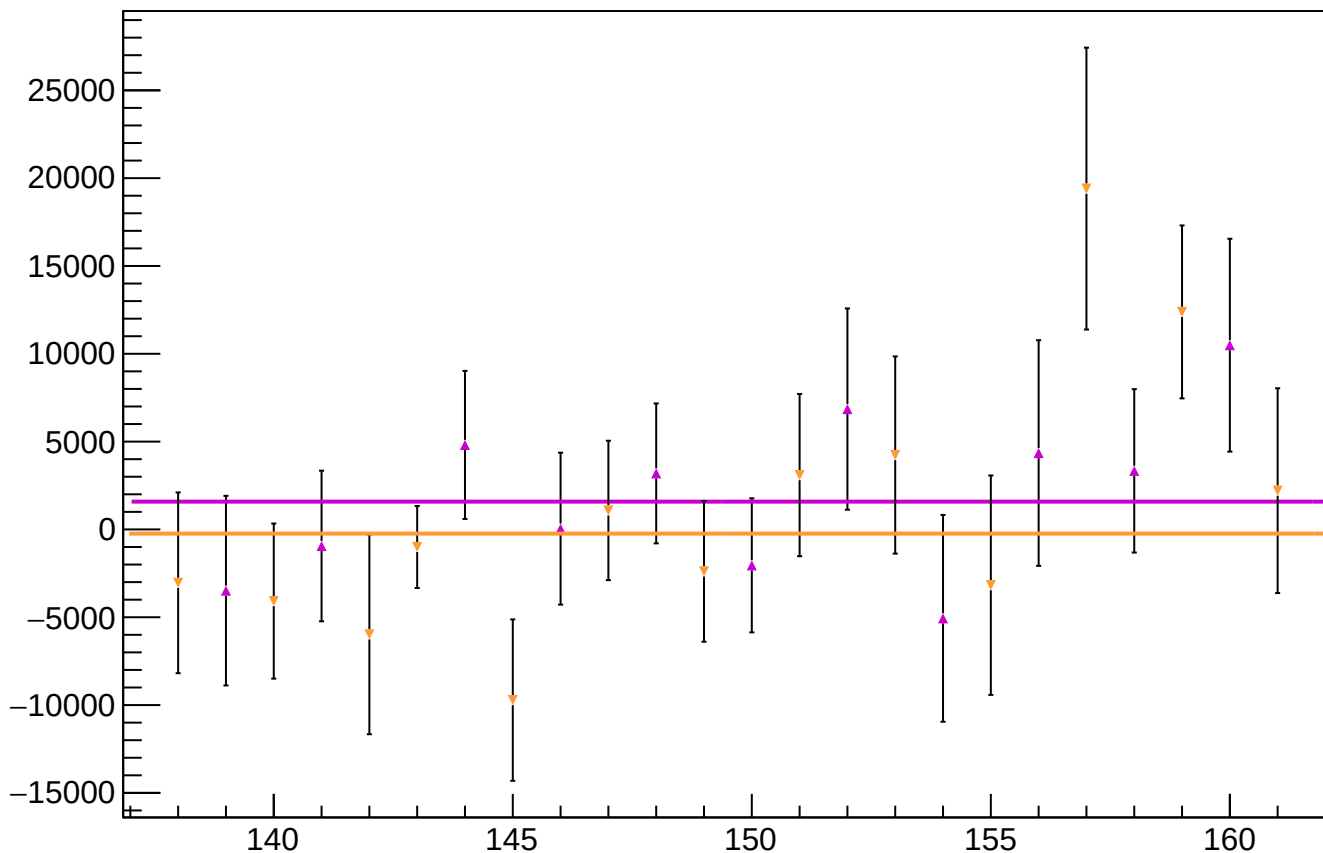
Left In: 1440.311 $\pm$ 0.339 χ^2 /NDF: 27816.1/10

+ sign 1445.760 $\pm$ 0.256 χ^2 /NDF: 745583.1/29

All: 1433.465 $\pm$ 0.180 χ^2 /NDF: 1138387.8/59

- sign 1421.383 $\pm$ 0.254 χ^2 /NDF: 388226.0/29

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -237.269 $\pm$ 1223.915 χ^2 /NDF:21.0/12

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

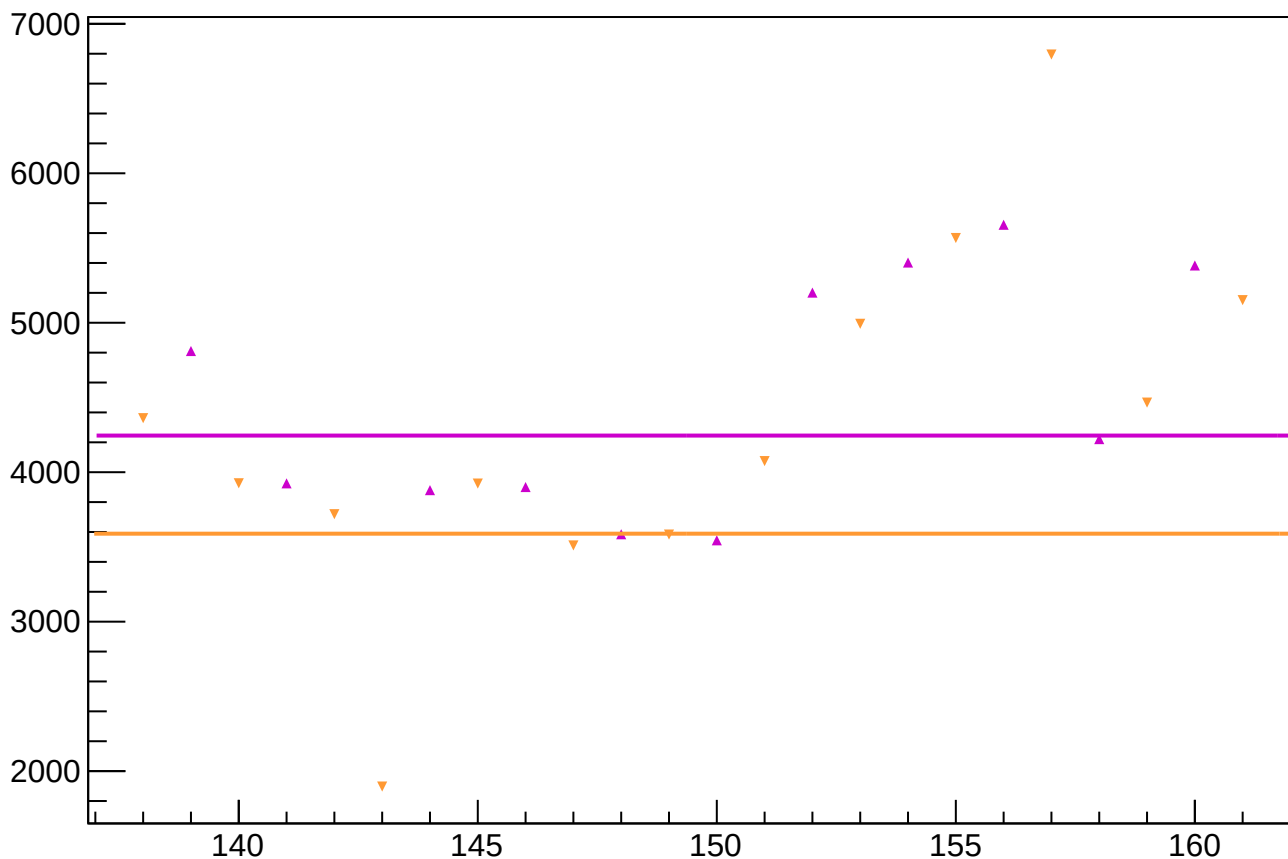
Left In: 1582.751 $\pm$ 1432.742 χ^2 /NDF:7.6/10

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

All: 530.557 $\pm$ 930.596 χ^2 /NDF: 29.5/23

- sign 0.000 $\pm$ 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: 3588.654+/-0.865 χ^2/NDF :1995898.3/12

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

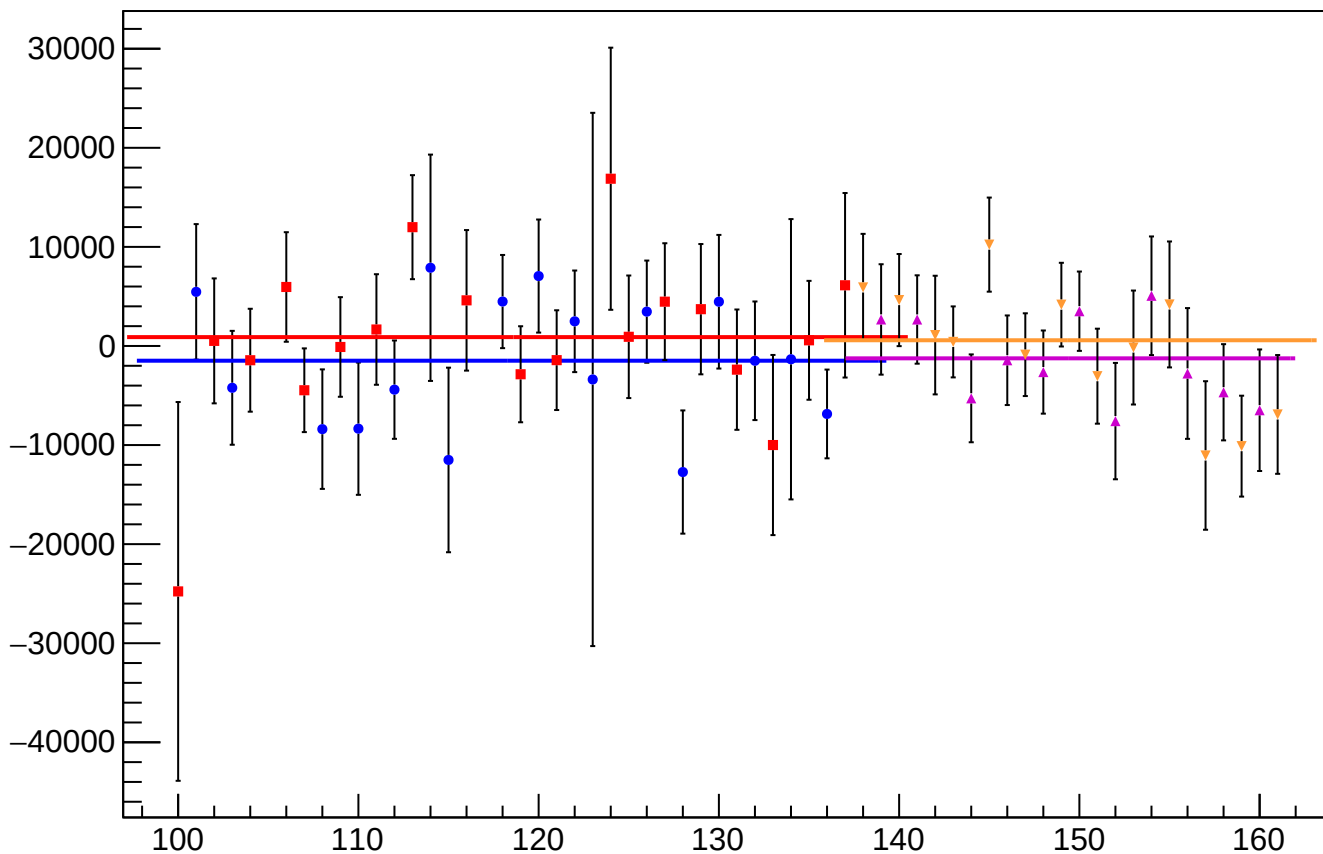
Left In: 4245.123+/-1.013 χ^2/NDF :483302.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3865.603+/-0.658 χ^2/NDF : 2721941.6/23

- 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: 576.712 ± 1377.820 χ^2/NDF : 16.0/12

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

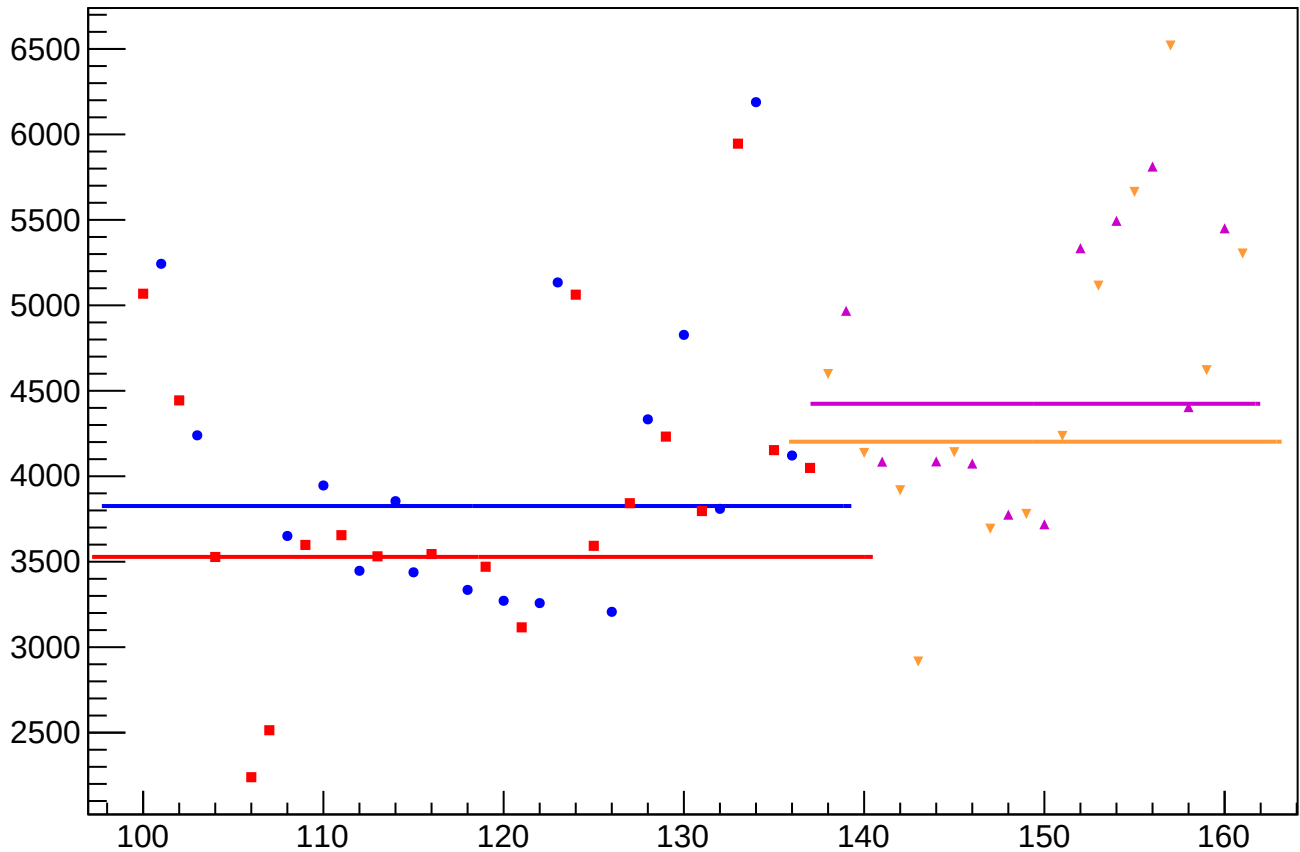
Left In: -1248.496 ± 1490.146 χ^2/NDF : 7.2/10

+ sign -368.306 ± 1014.441 χ^2/NDF : 33.7/29

All: -230.944 ± 716.482 χ^2/NDF : 56.2/59

- sign -94.220 ± 1012.079 χ^2/NDF : 22.4/29

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4202.259+/-0.974 χ^2/NDF : 751928.6/12

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

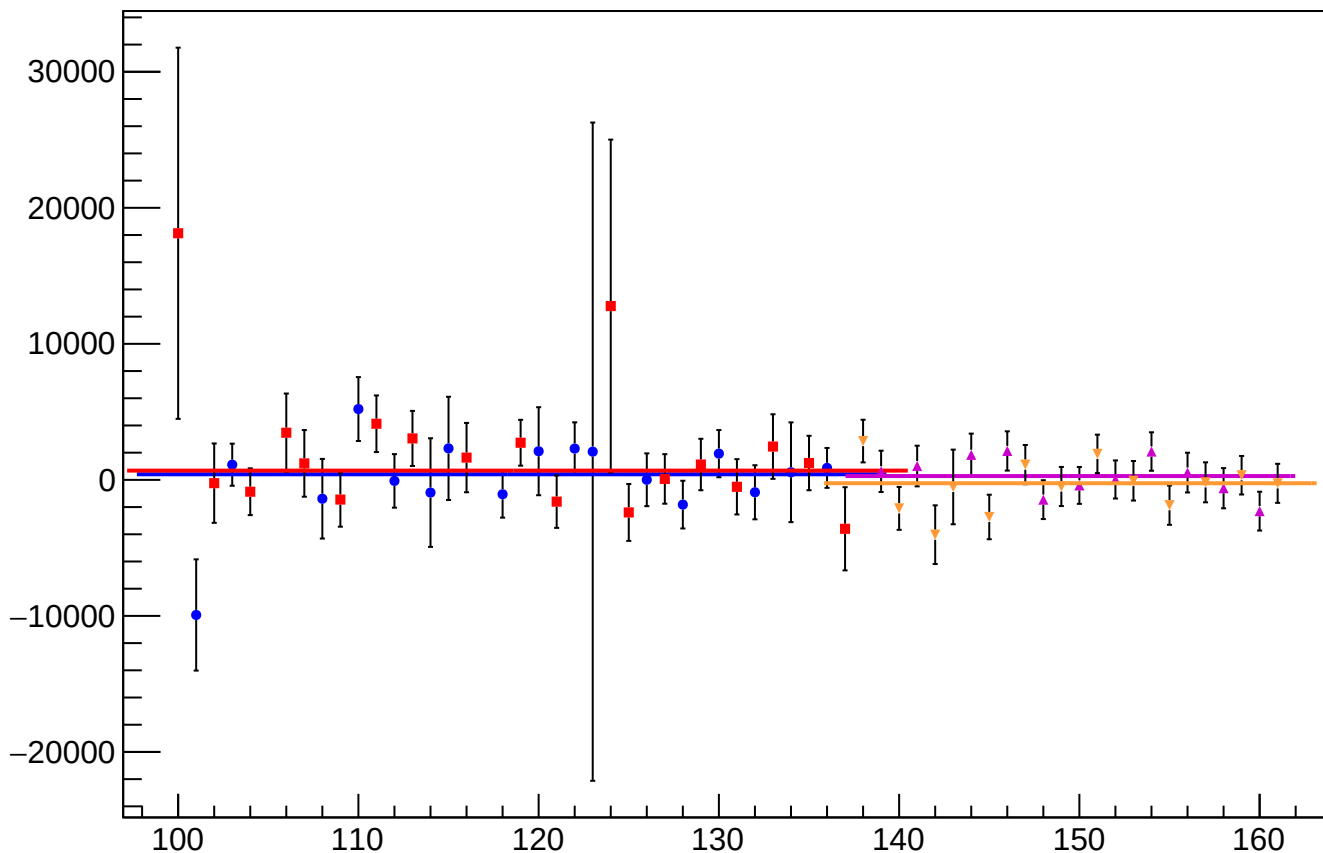
Left In: 4424.102+/-1.054 χ^2/NDF : 420363.3/10

+ sign 4029.889+/-0.717 χ^2/NDF : 1154688.7/29

All: 3983.336+/-0.505 χ^2/NDF : 2531478.8/59

- sign 3937.454+/-0.712 χ^2/NDF : 1368427.0/29

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: -247.533 $\pm$ 430.608 χ^2 /NDF:15.3/12

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

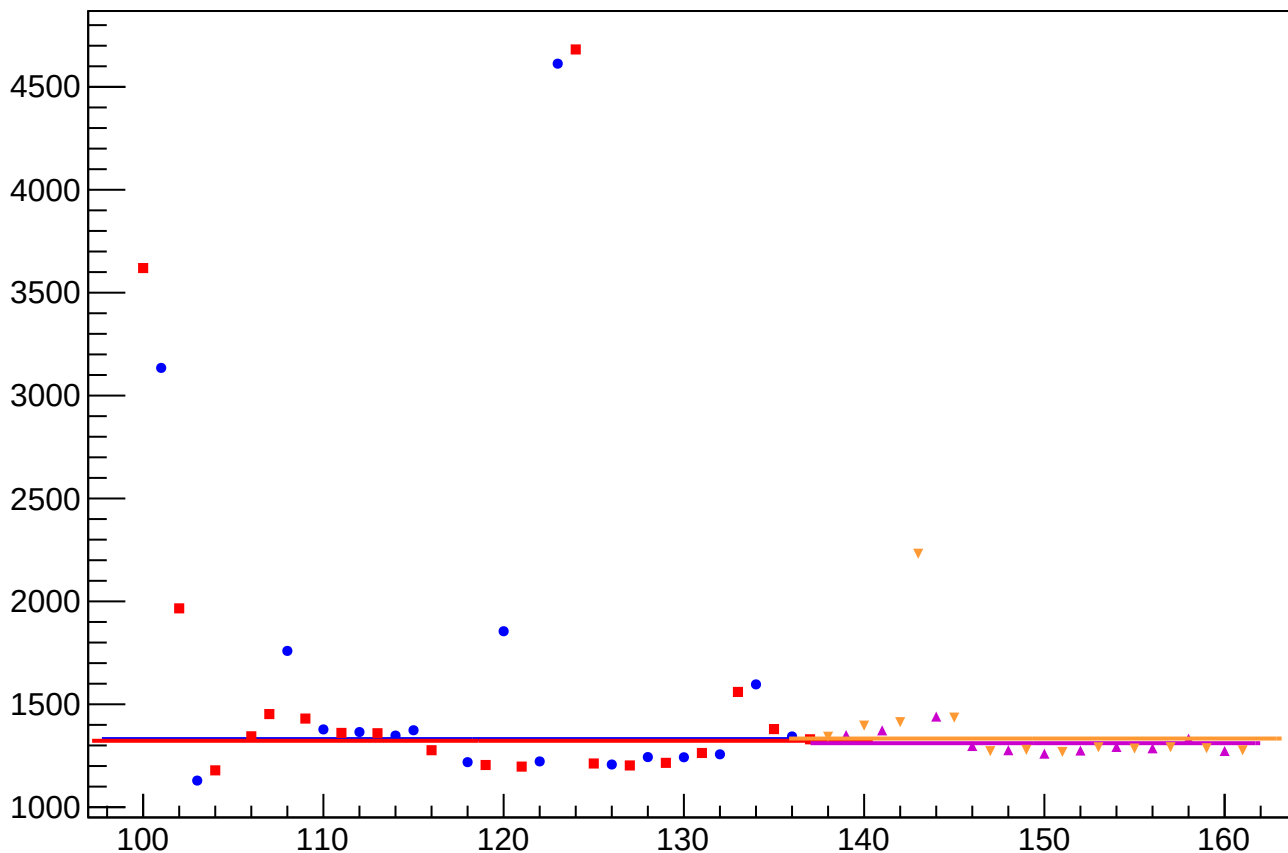
Left In: 280.826 $\pm$ 436.994 χ^2 /NDF:10.0/10

+ sign 15.692 $\pm$ 333.698 χ^2 /NDF: 32.8/29

All: 234.360 $\pm$ 235.319 χ^2 /NDF: 62.0/59

- sign 450.668 $\pm$ 331.893 χ^2 /NDF: 28.4/29

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: 1333.585 $\pm$ 0.304 χ^2 /NDF: 249573.9/12

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

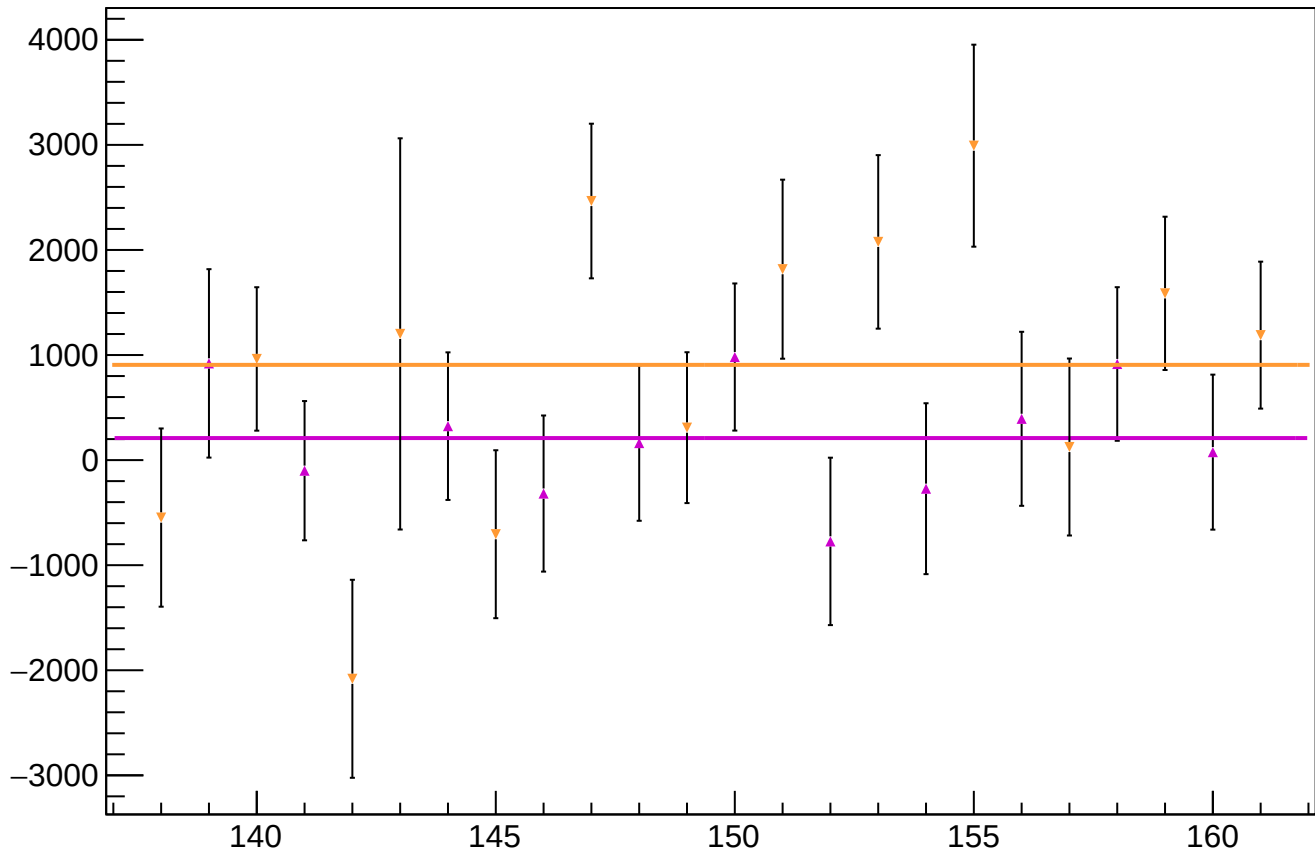
Left In: 1311.008 $\pm$ 0.309 χ^2 /NDF: 26764.5/10

+ sign 1332.508 $\pm$ 0.236 χ^2 /NDF: 853079.6/29

All: 1324.188 $\pm$ 0.166 χ^2 /NDF: 1277337.4/59

- sign 1315.958 $\pm$ 0.235 χ^2 /NDF: 421784.7/29

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 906.405+/-226.080 χ^2/NDF : 32.0/12

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

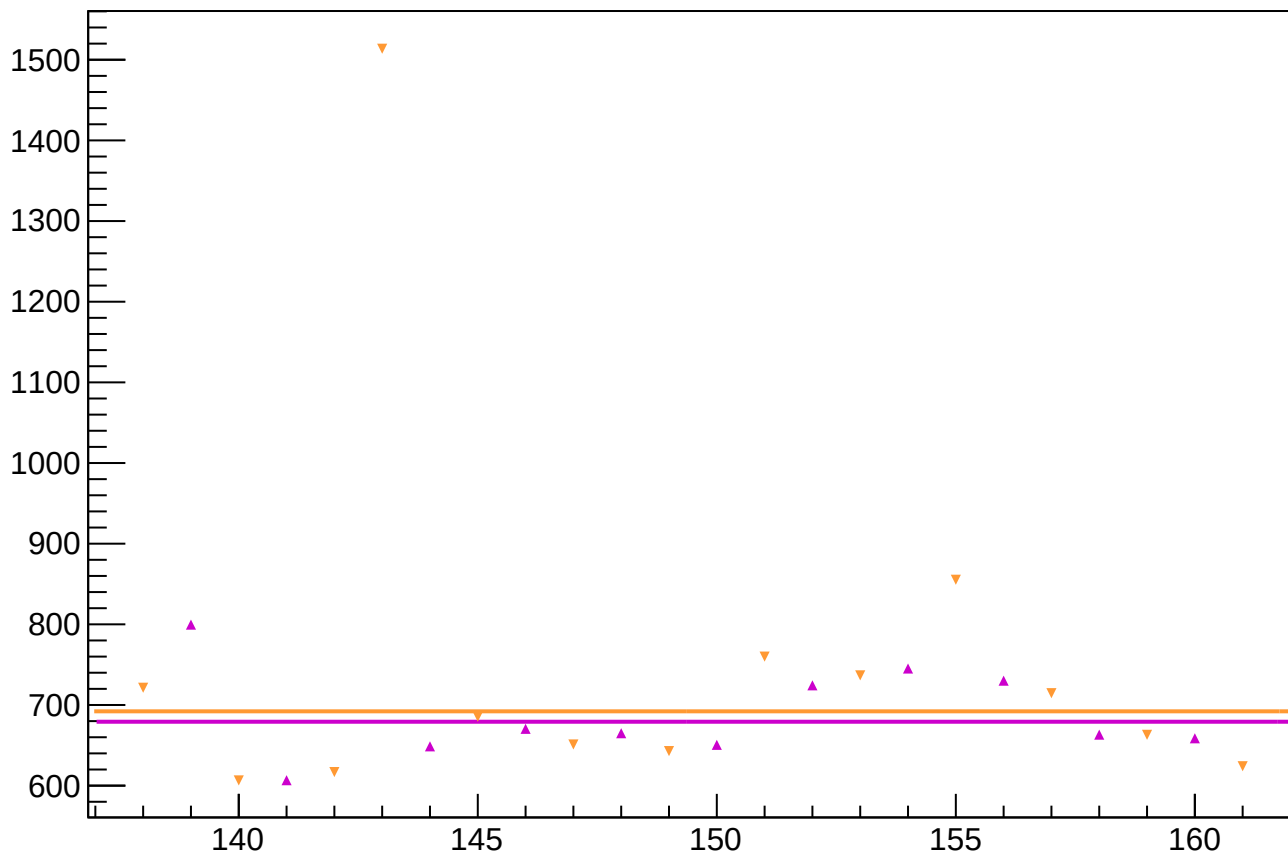
Left In: 209.750+/-226.544 χ^2/NDF : 5.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.791+/-160.027 χ^2/NDF : 42.3/23

- 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: 692.145+/-0.160 χ^2/NDF :551616.4/12

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

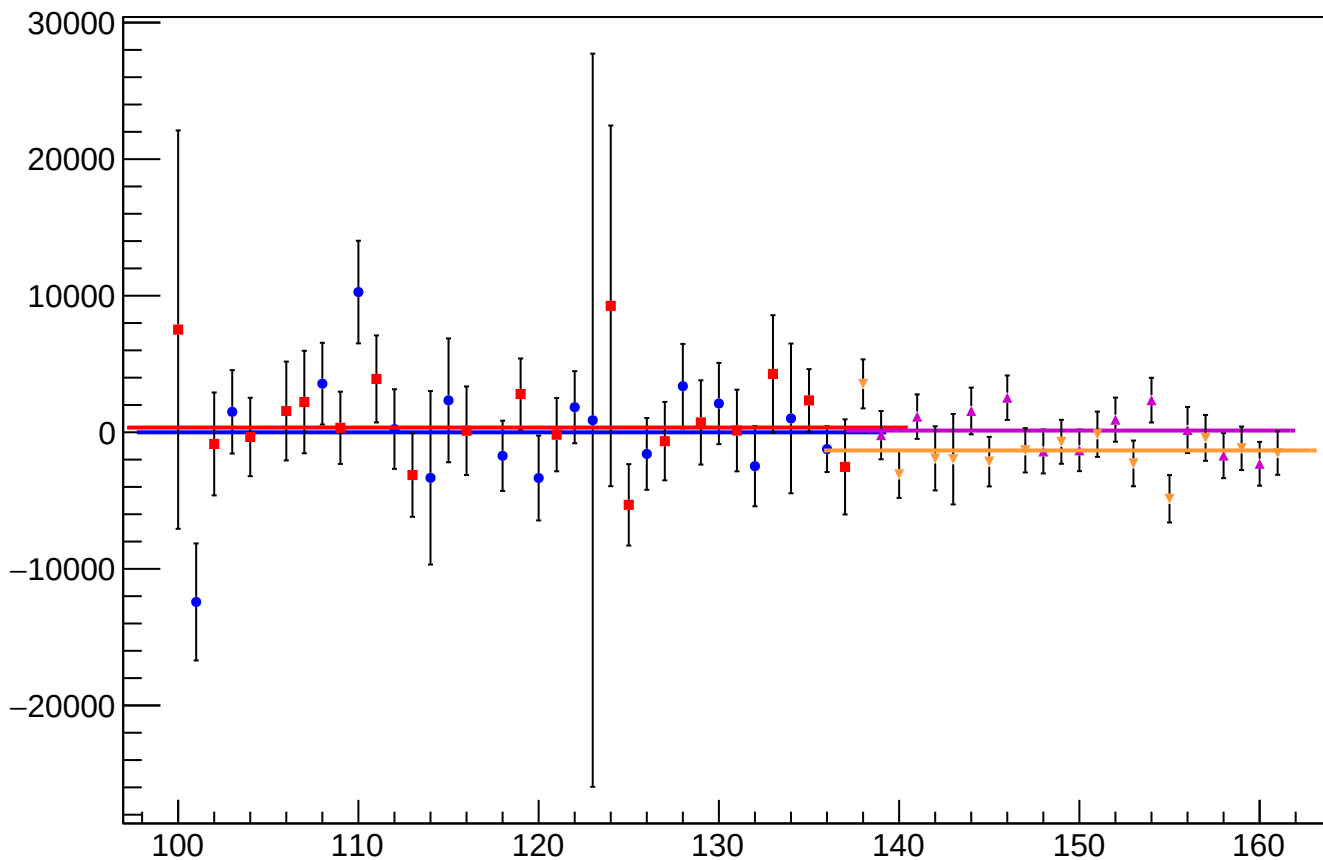
Left In: 679.240+/-0.160 χ^2/NDF :97790.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.706+/-0.113 χ^2/NDF : 652658.6/23

- 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: -1330.057 ± 488.890 χ^2/NDF : 14.2/12

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

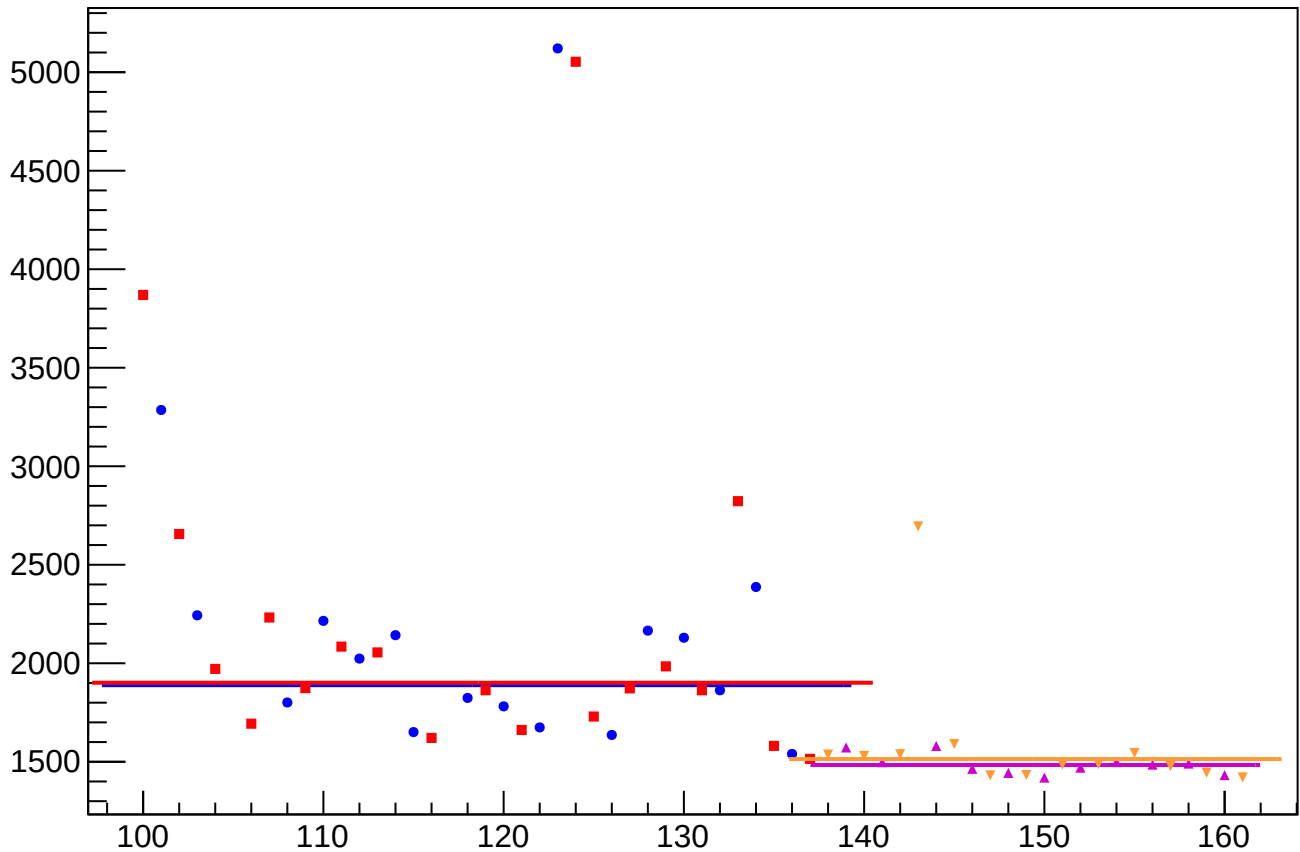
Left In: 126.960 ± 494.246 χ^2/NDF : 10.7/10

+ sign -930.406 ± 408.750 χ^2/NDF : 39.9/29

All: -369.279 ± 289.442 χ^2/NDF : 65.2/59

- sign 195.062 ± 409.919 χ^2/NDF : 21.5/29

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1513.689+/-0.346 χ^2/NDF : 282106.4/12

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

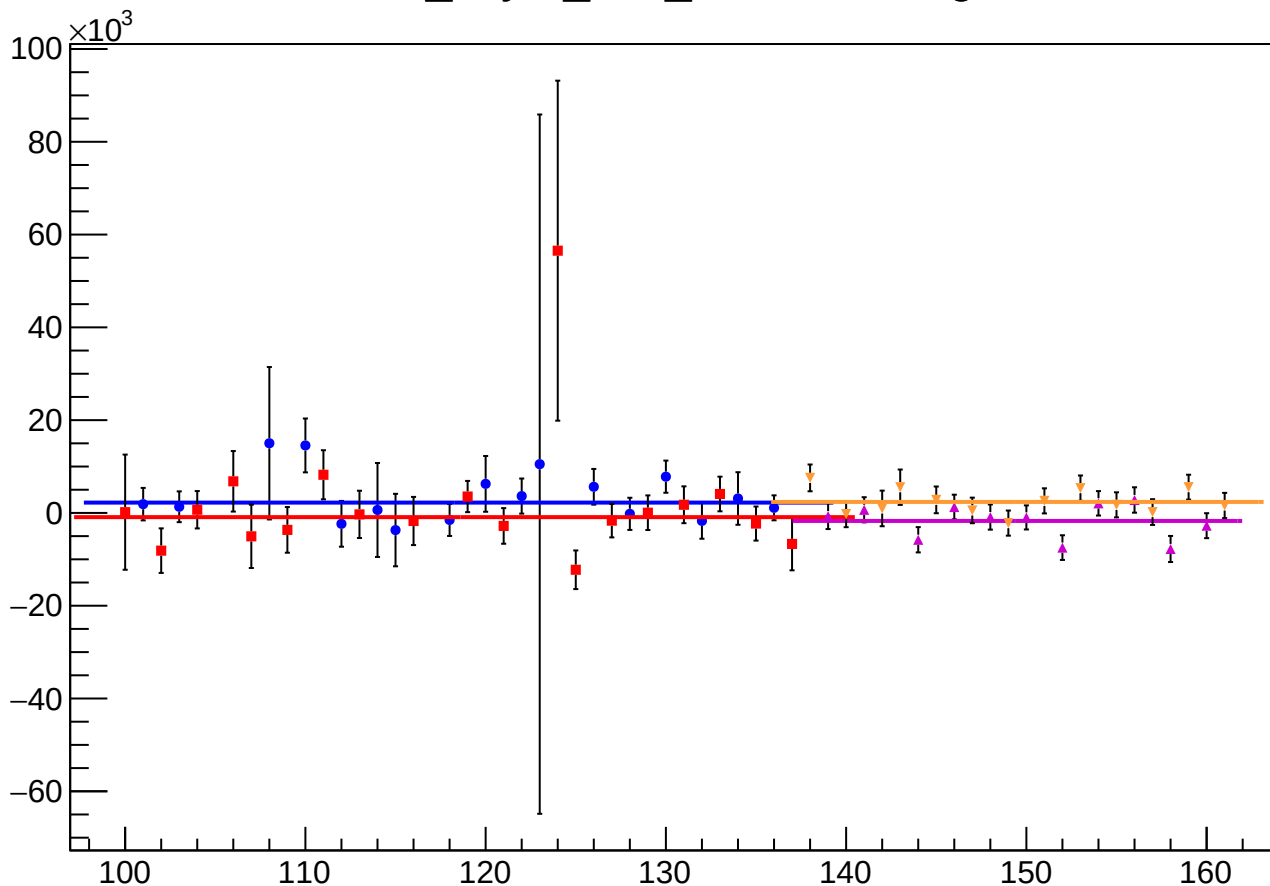
Left In: 1483.753+/-0.349 χ^2/NDF : 18982.1/10

+ sign 1626.593+/-0.289 χ^2/NDF : 1102342.0/29

All: 1620.348+/-0.205 χ^2/NDF : 2029121.0/59

- sign 1614.067+/-0.290 χ^2/NDF : 925842.7/29

dit_asym_atl1_mean vs Slug



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

Left Out: 2374.448+/-794.719 χ^2/NDF : 11.6/12

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

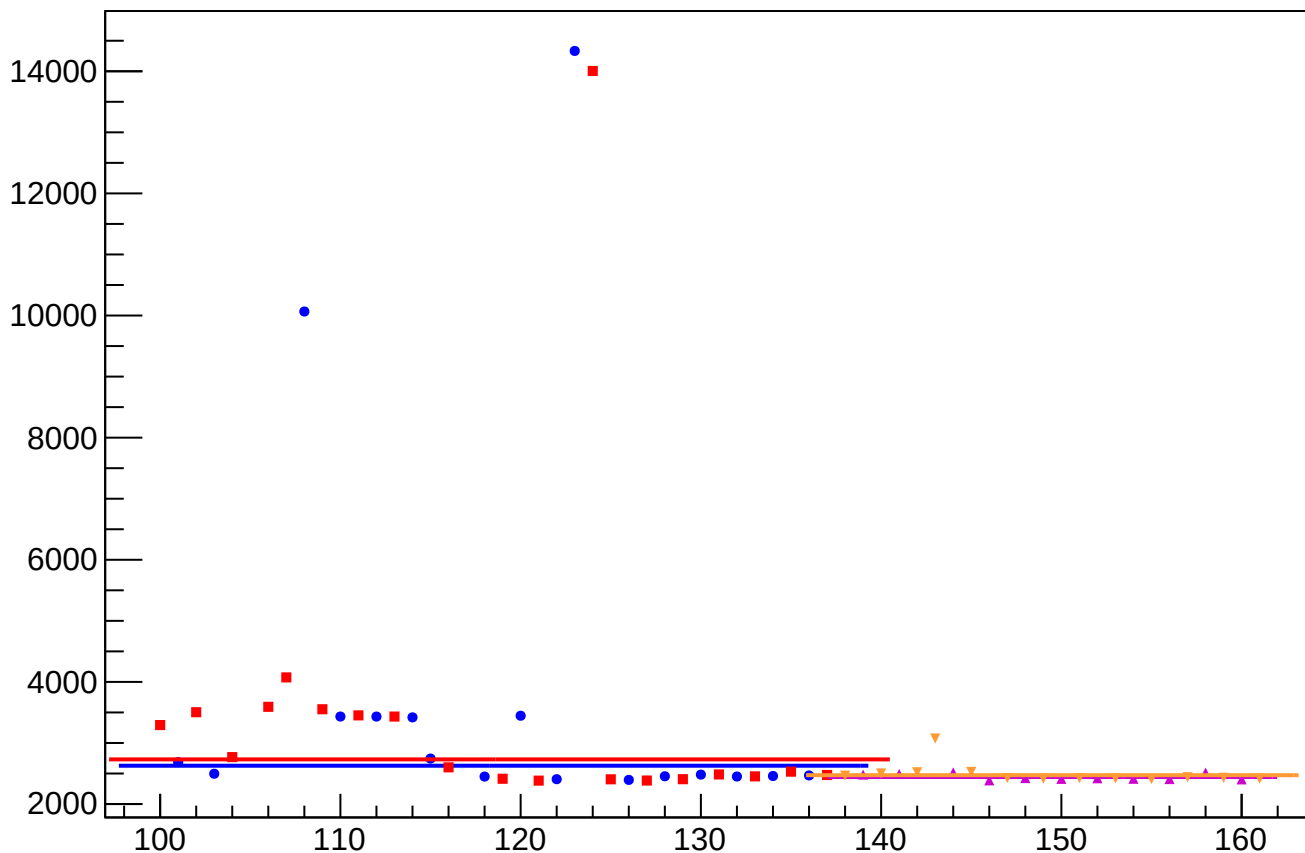
Left In: -1727.436+/-814.022 χ^2/NDF : 18.8/10

+ sign 2320.234+/-631.300 χ^2/NDF : 25.1/29

All: 484.014+/-450.344 χ^2/NDF : 84.5/59

- sign -1418.612+/-642.614 χ^2/NDF : 42.1/29

dit_asym_atl1_rms vs Slug



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

Left Out: 2472.419 ± 0.562 χ^2/NDF : 56542.6/12

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

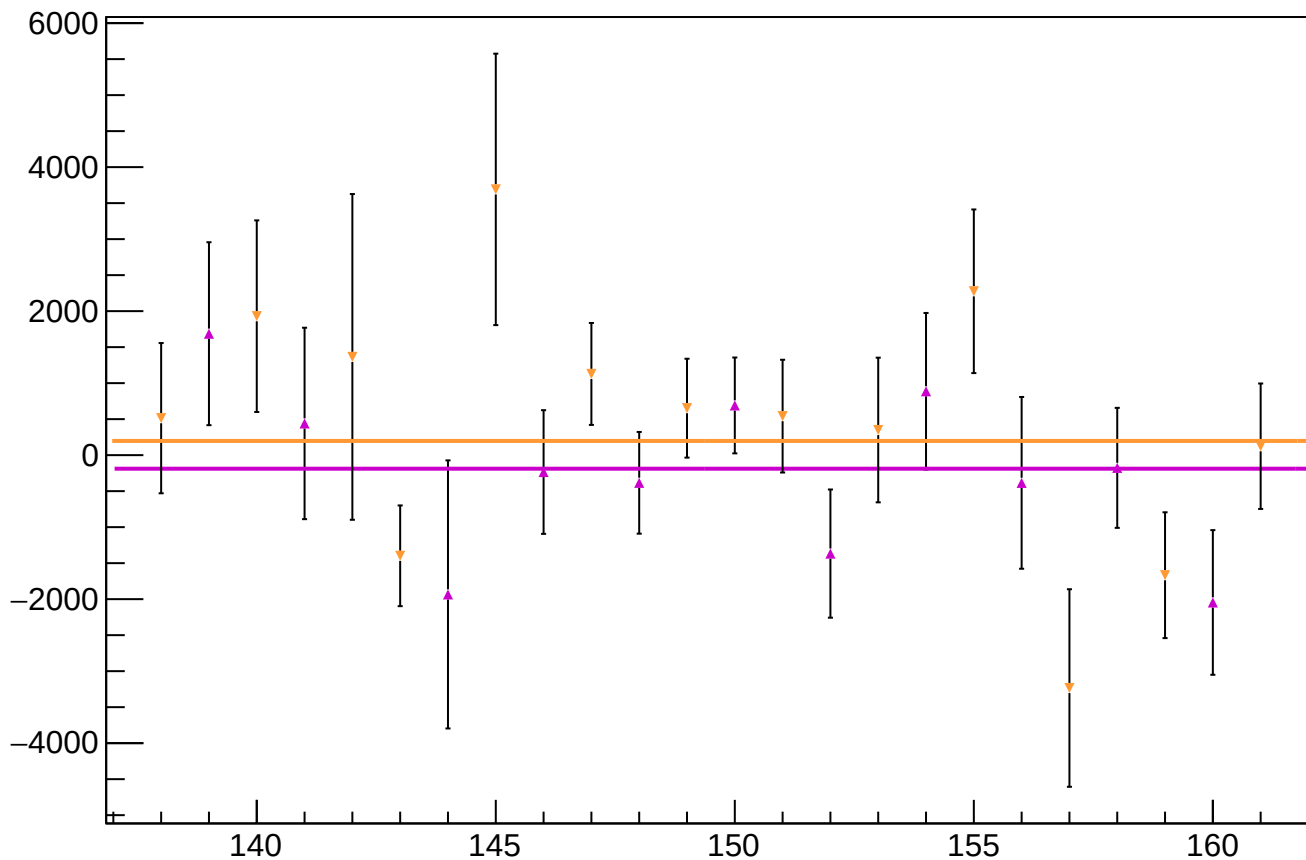
Left In: 2442.596 ± 0.576 χ^2/NDF : 6180.6/10

+ sign 2529.666 ± 0.446 χ^2/NDF : 729065.6/29

All: 2540.324 ± 0.318 χ^2/NDF : 1429387.4/59

- sign 2551.368 ± 0.454 χ^2/NDF : 699161.0/29

asym_atl1_correction_mean vs Slug



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

Left Out: 197.436+/-261.030 χ^2/NDF : 27.2/12

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

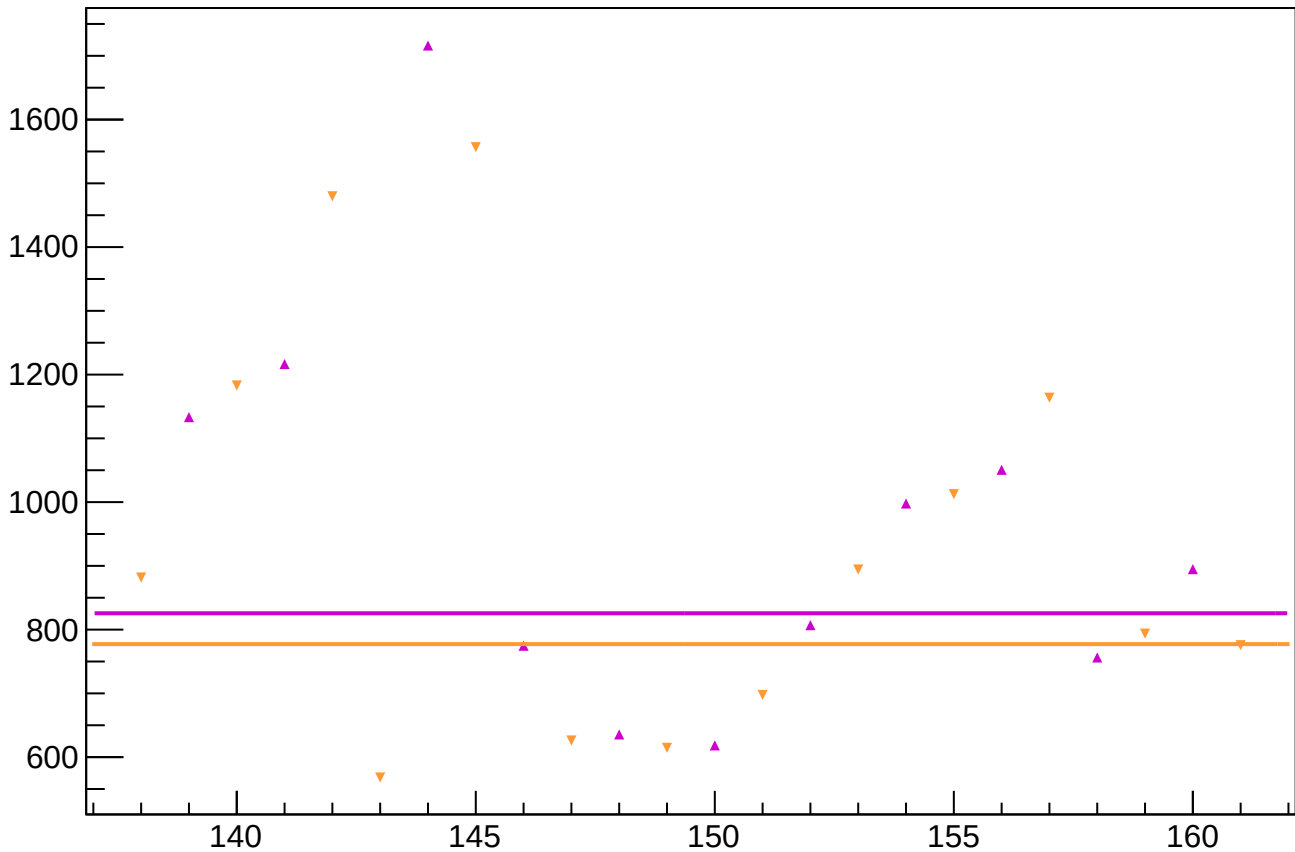
Left In: -188.226+/-284.758 χ^2/NDF : 11.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.340+/-192.419 χ^2/NDF : 39.5/23

- 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: 777.286+/-0.185 χ^2/NDF : 1416175.4/12

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

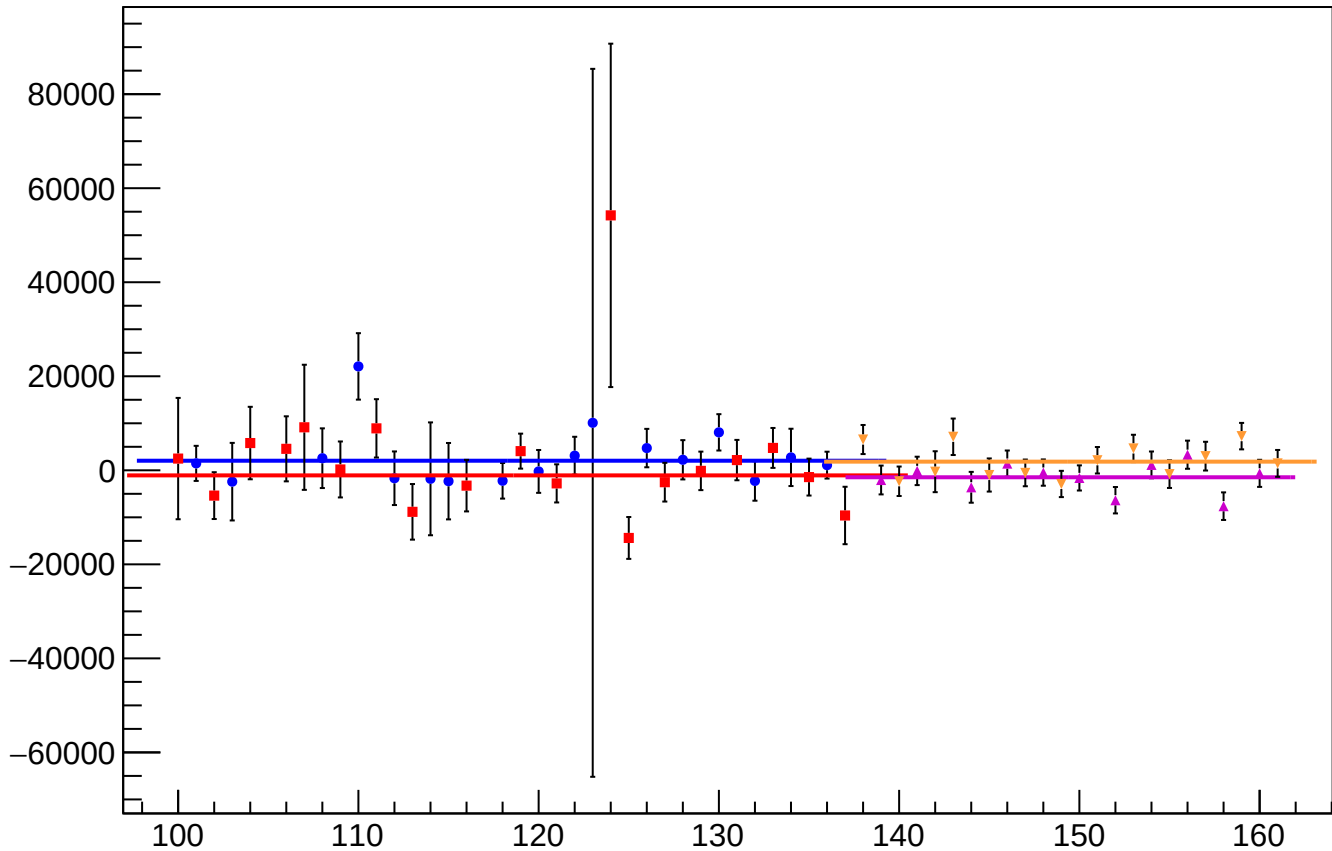
Left In: 825.665+/-0.201 χ^2/NDF : 1239112.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.376+/-0.136 χ^2/NDF : 2686657.2/23

- 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: 1841.783+/-853.035 χ^2/NDF : 16.1/12

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

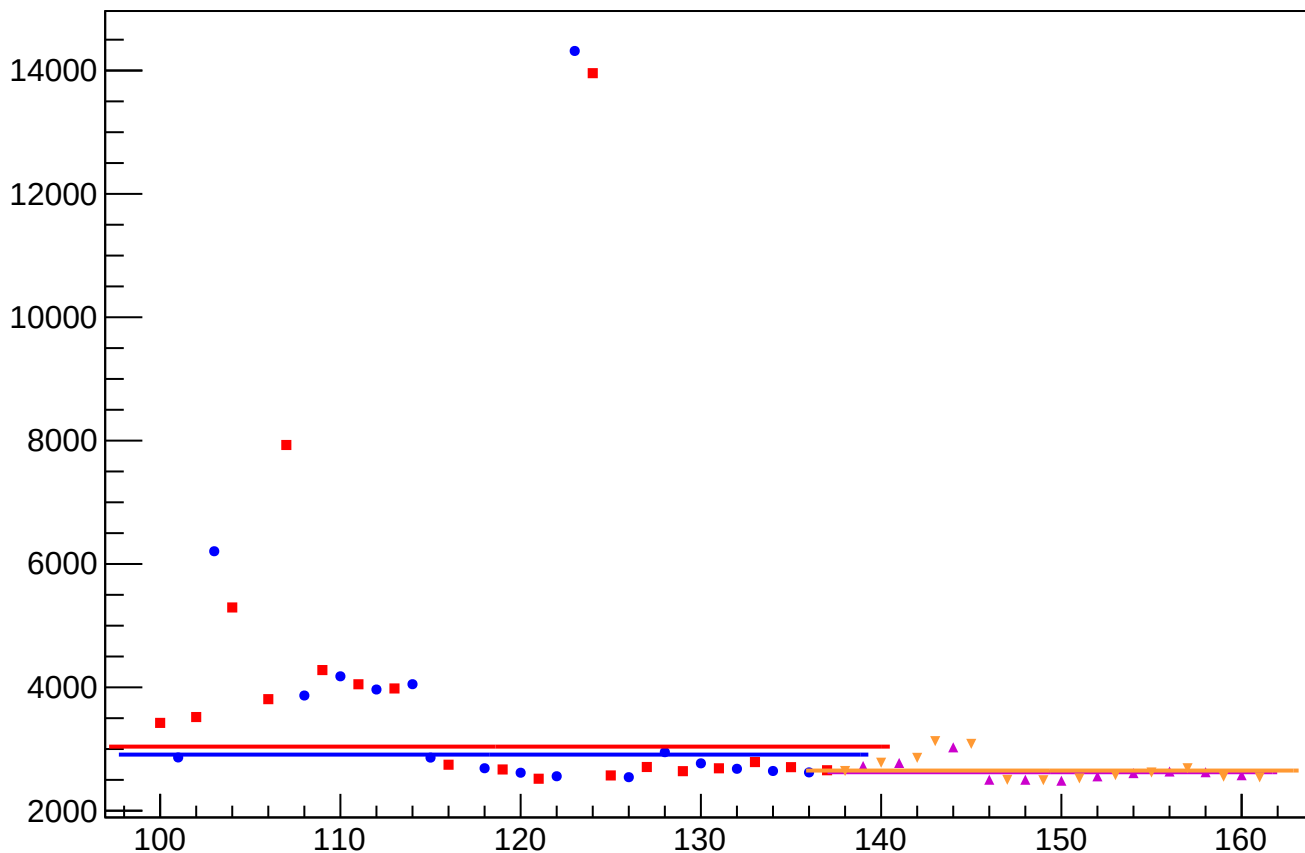
Left In: -1481.629+/-875.626 χ^2/NDF : 12.8/10

+ sign 1911.246+/-685.425 χ^2/NDF : 30.9/29

All: 330.367+/-491.300 χ^2/NDF : 80.1/59

- sign -1340.086+/-704.576 χ^2/NDF : 38.2/29

asym_atl1_rms vs Slug



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

Left Out: 2651.104+/-0.603 χ^2/NDF : 91434.8/12

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

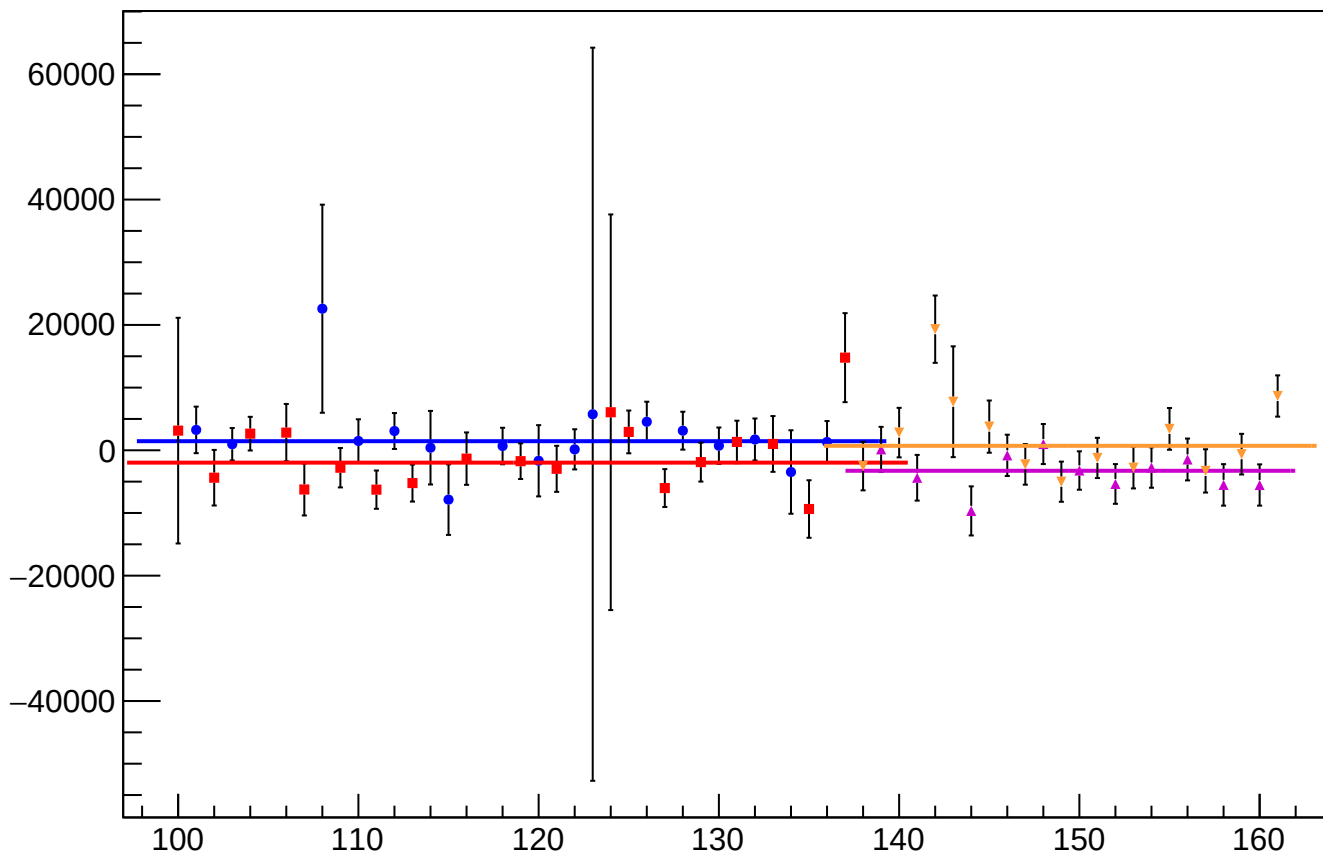
Left In: 2623.786+/-0.619 χ^2/NDF : 51996.1/10

+ sign 2742.753+/-0.485 χ^2/NDF : 798477.6/29

All: 2756.100+/-0.347 χ^2/NDF : 2021968.5/59

- sign 2770.204+/-0.498 χ^2/NDF : 1221931.3/29

dit_asym_atl2_mean vs Slug



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

Left Out: 713.277 $\pm$ 1011.048 χ^2 /NDF: 27.7/12

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

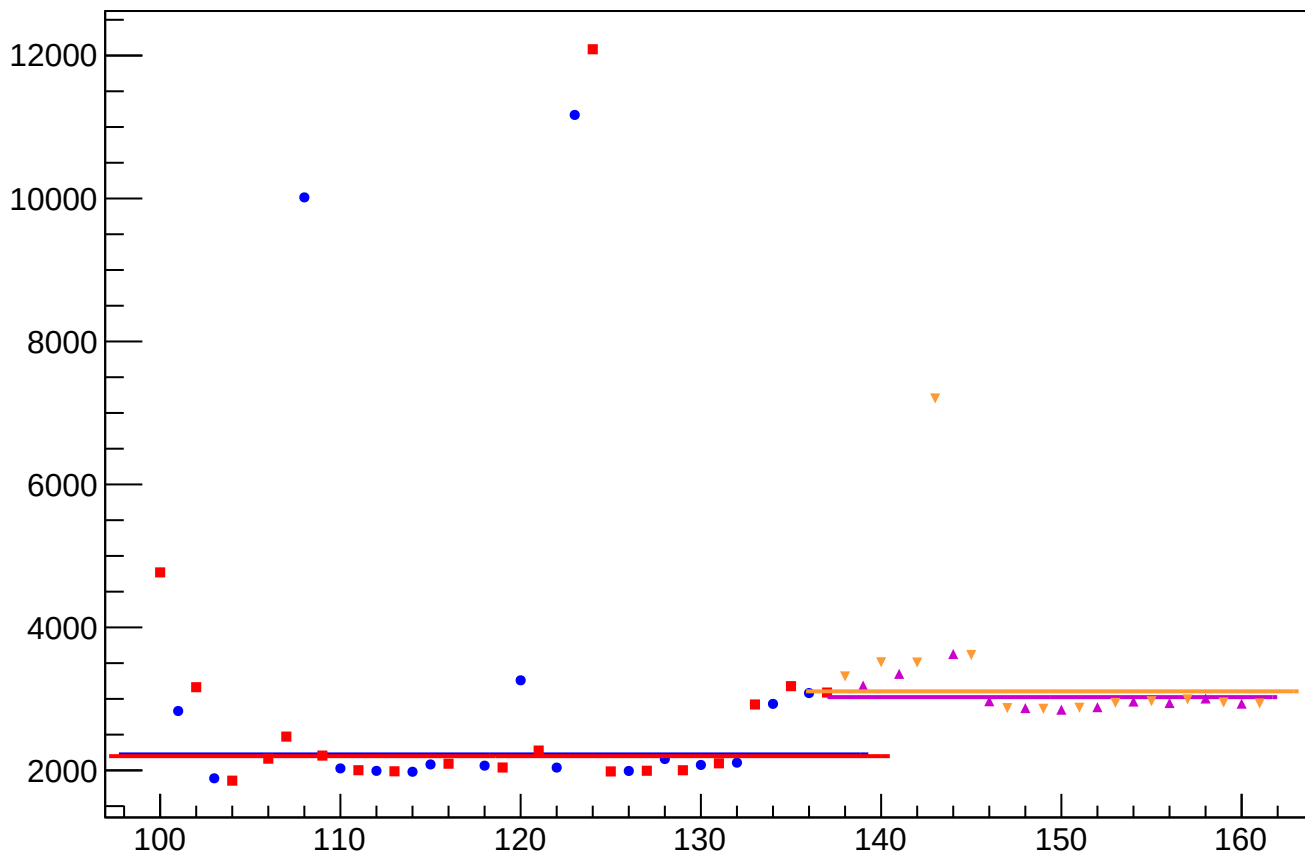
Left In: -3267.734 $\pm$ 1008.137 χ^2 /NDF: 7.7/10

+ sign 1129.880 $\pm$ 667.624 χ^2 /NDF: 35.4/29

All: -738.103 $\pm$ 465.748 χ^2 /NDF: 81.7/59

- sign -2509.103 $\pm$ 650.062 χ^2 /NDF: 31.1/29

dit_asym_atl2_rms vs Slug



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

Left Out: 3105.563+/-0.715 χ^2/NDF :550257.2/12

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

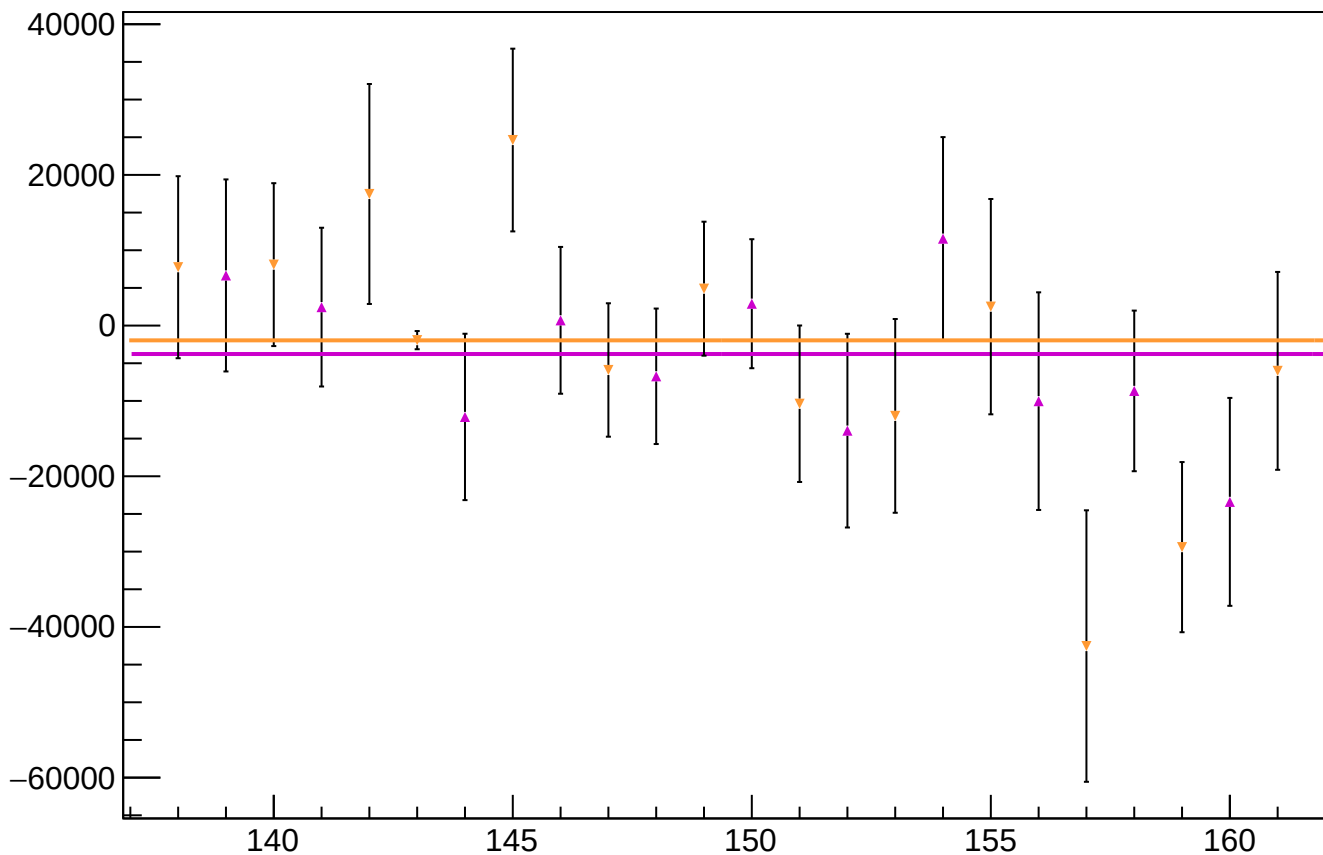
Left In: 3024.561+/-0.713 χ^2/NDF :86696.1/10

+ sign 2607.902+/-0.472 χ^2/NDF : 2259759.4/29

All: 2573.970+/-0.329 χ^2/NDF : 3743400.6/59

- sign 2541.826+/-0.459 χ^2/NDF : 1473580.8/29

asym_atl2_correction_mean vs Slug



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

Left Out: -1960.560+/-1136.832 χ^2/NDF : 21.3/12

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

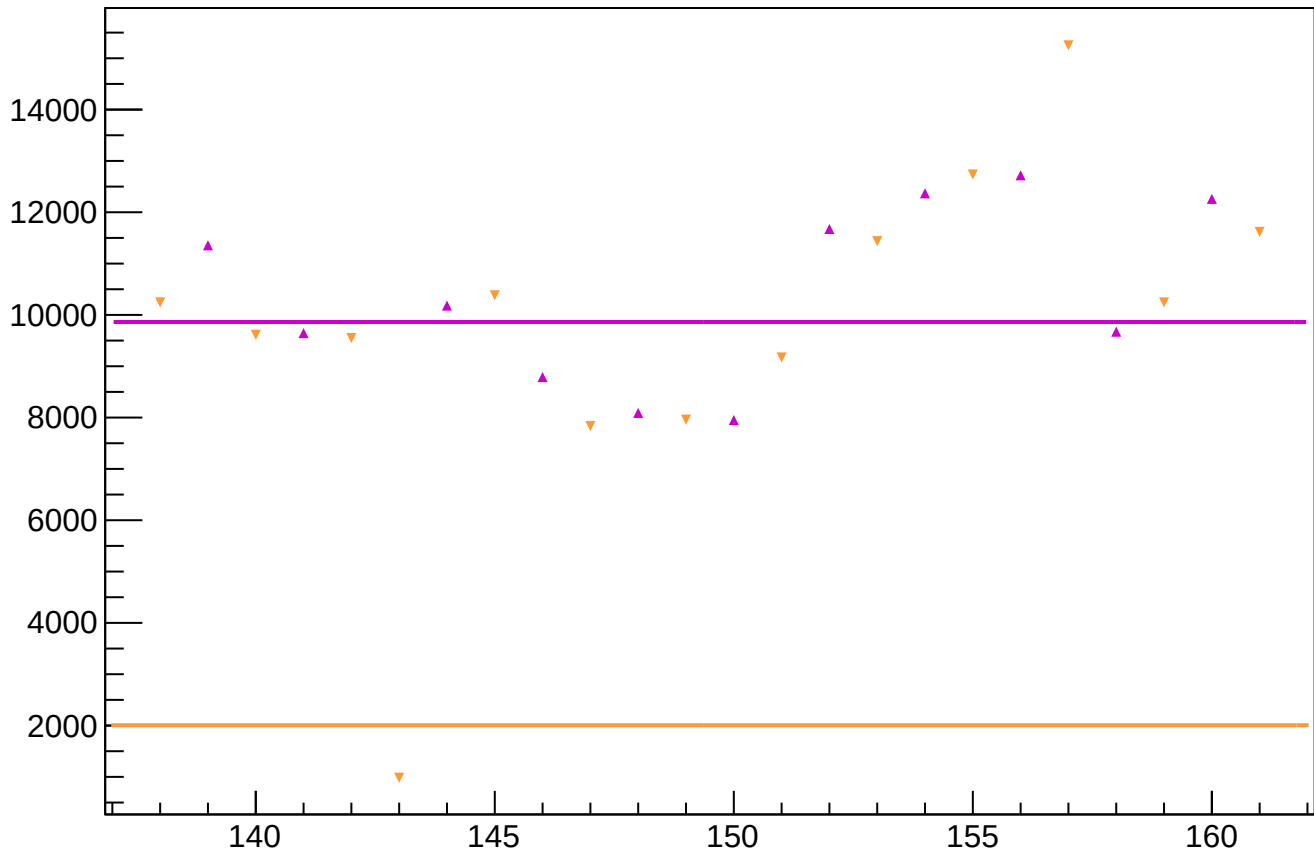
Left In: -3773.932+/-3327.493 χ^2/NDF : 6.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2150.100+/-1075.780 χ^2/NDF : 28.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_correction_rms vs Slug



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

Left Out: 2006.398+/-0.804 χ^2/NDF :12976981.3/12

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

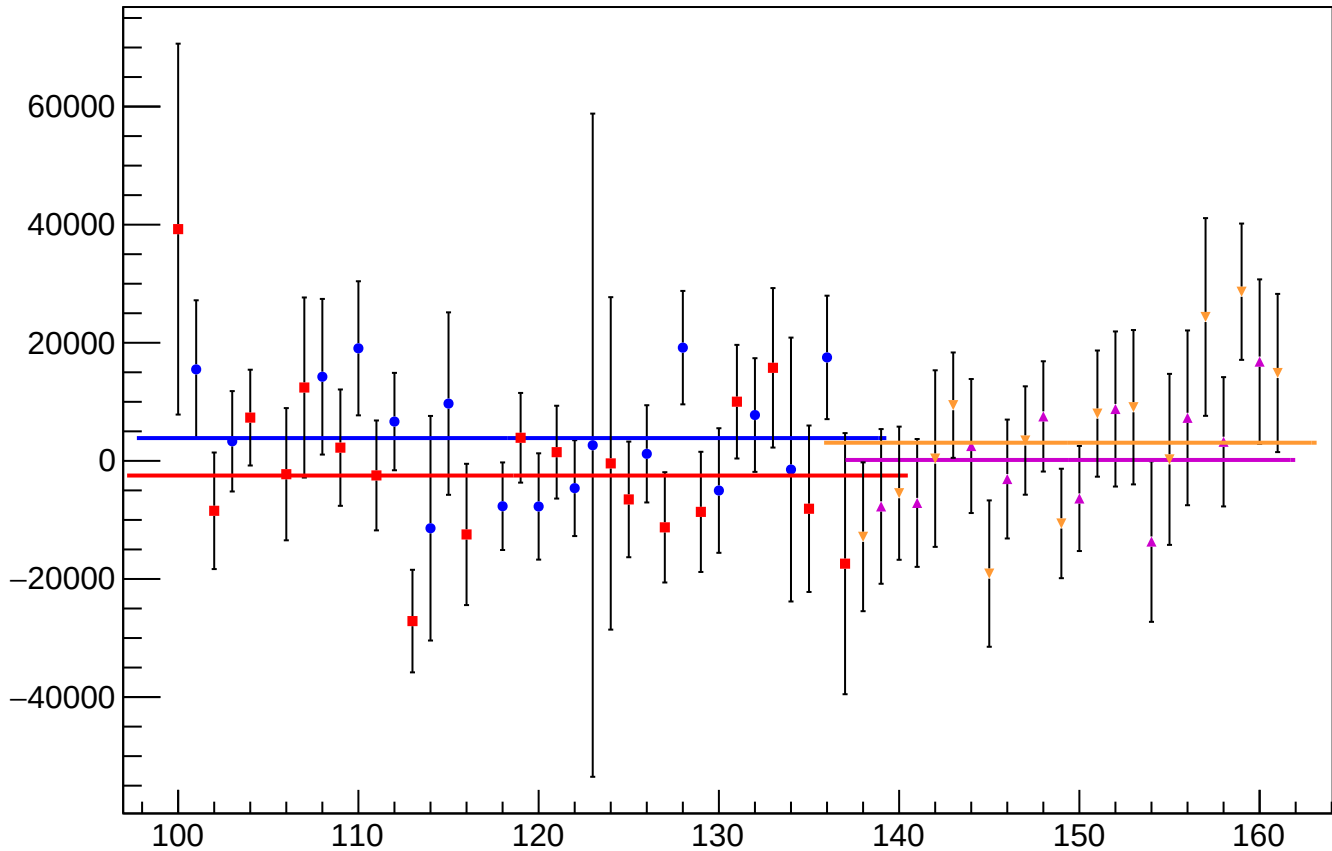
Left In: 9862.340+/-2.353 χ^2/NDF :479714.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2827.526+/-0.761 χ^2/NDF : 23439364.8/2

- 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: 3073.643 $\pm$ 3206.549 χ^2 /NDF:15.9/12

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

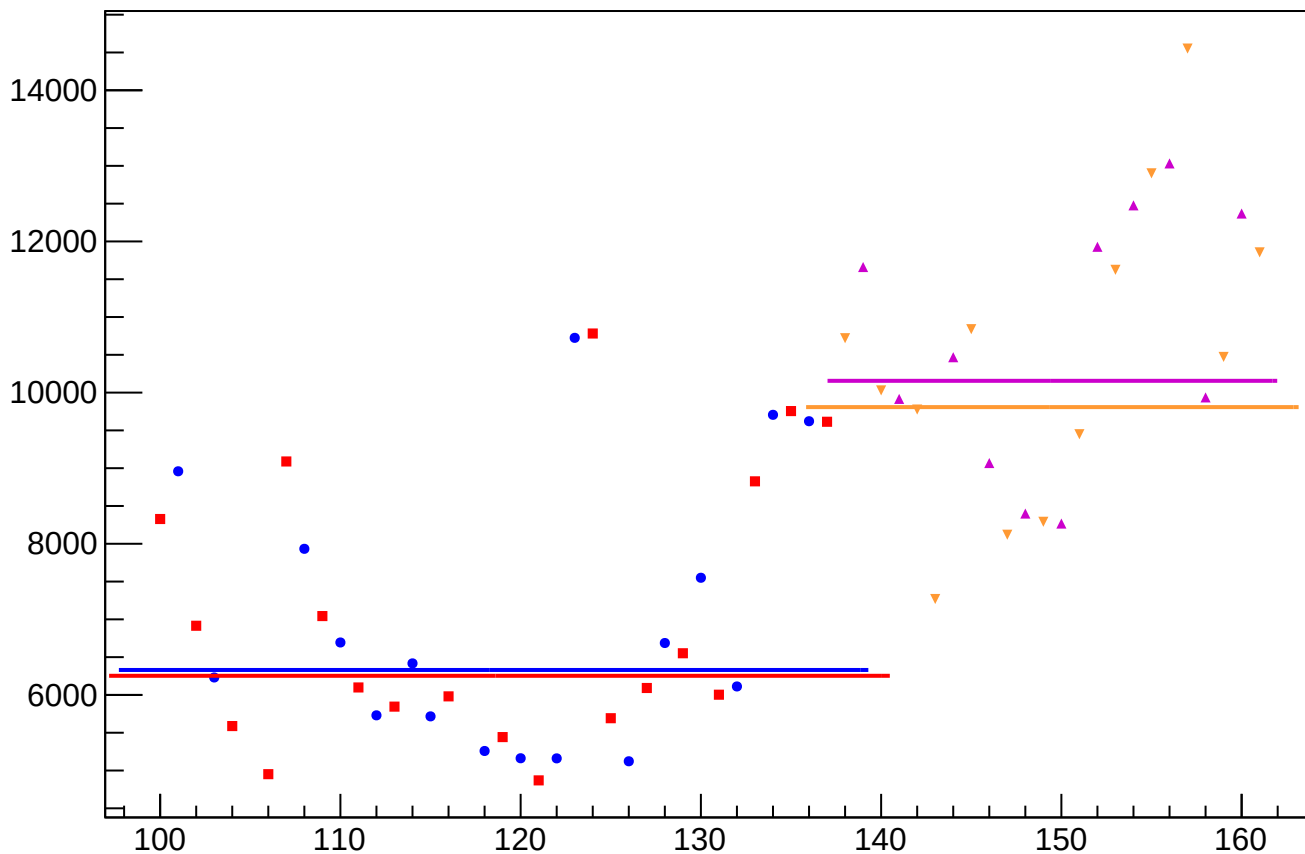
Left In: 155.830 $\pm$ 3422.850 χ^2 /NDF:5.3/10

+ sign 3561.332 $\pm$ 1975.885 χ^2 /NDF: 30.7/29

All: 980.329 $\pm$ 1397.458 χ^2 /NDF: 59.8/59

- sign -1602.861 $\pm$ 1976.722 χ^2 /NDF: 25.8/29

asym_atl2_rms vs Slug



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

Left Out: 9808.107+/-2.267 χ^2/NDF : 654396.5/12

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

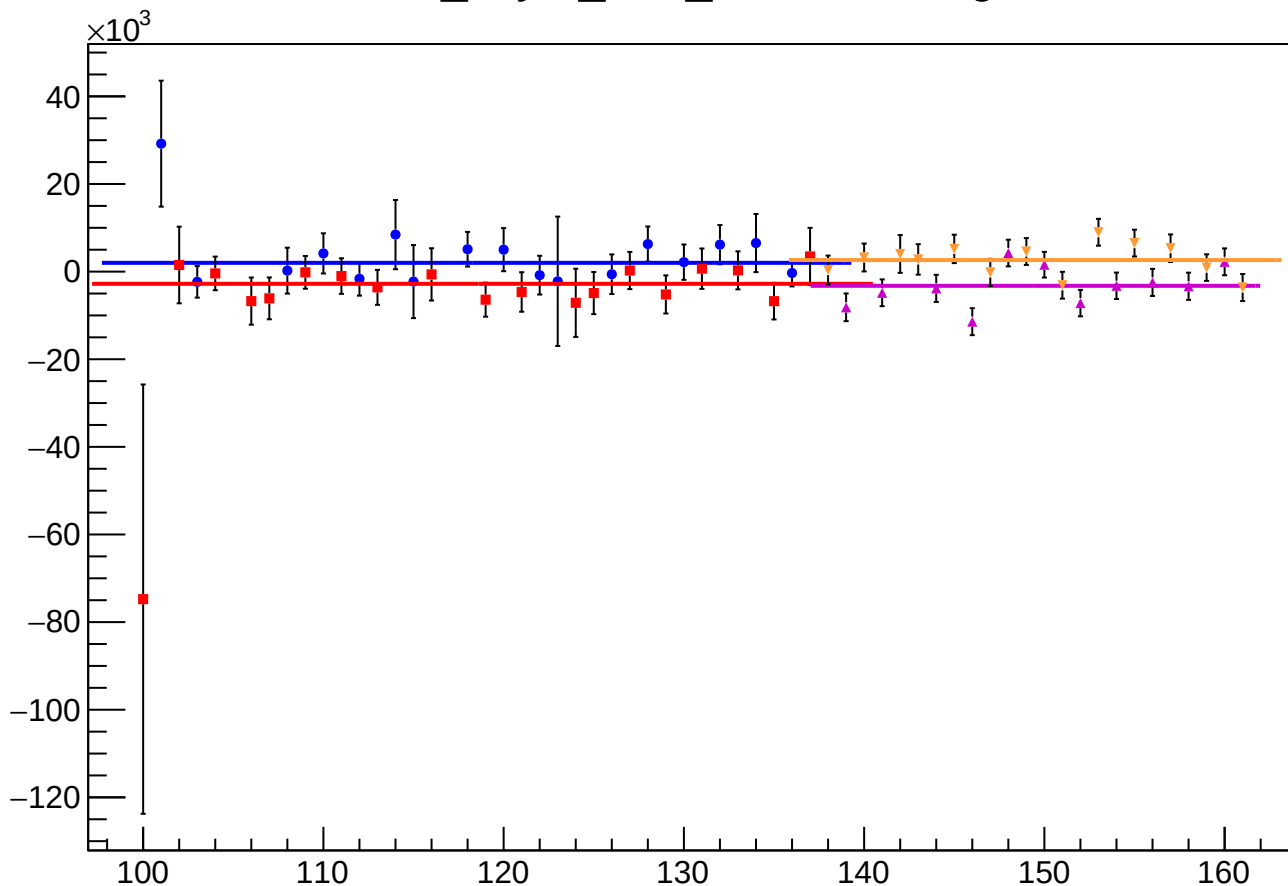
Left In: 10155.900+/-2.420 χ^2/NDF : 434642.3/10

+ sign 7650.832+/-1.397 χ^2/NDF : 2707165.4/29

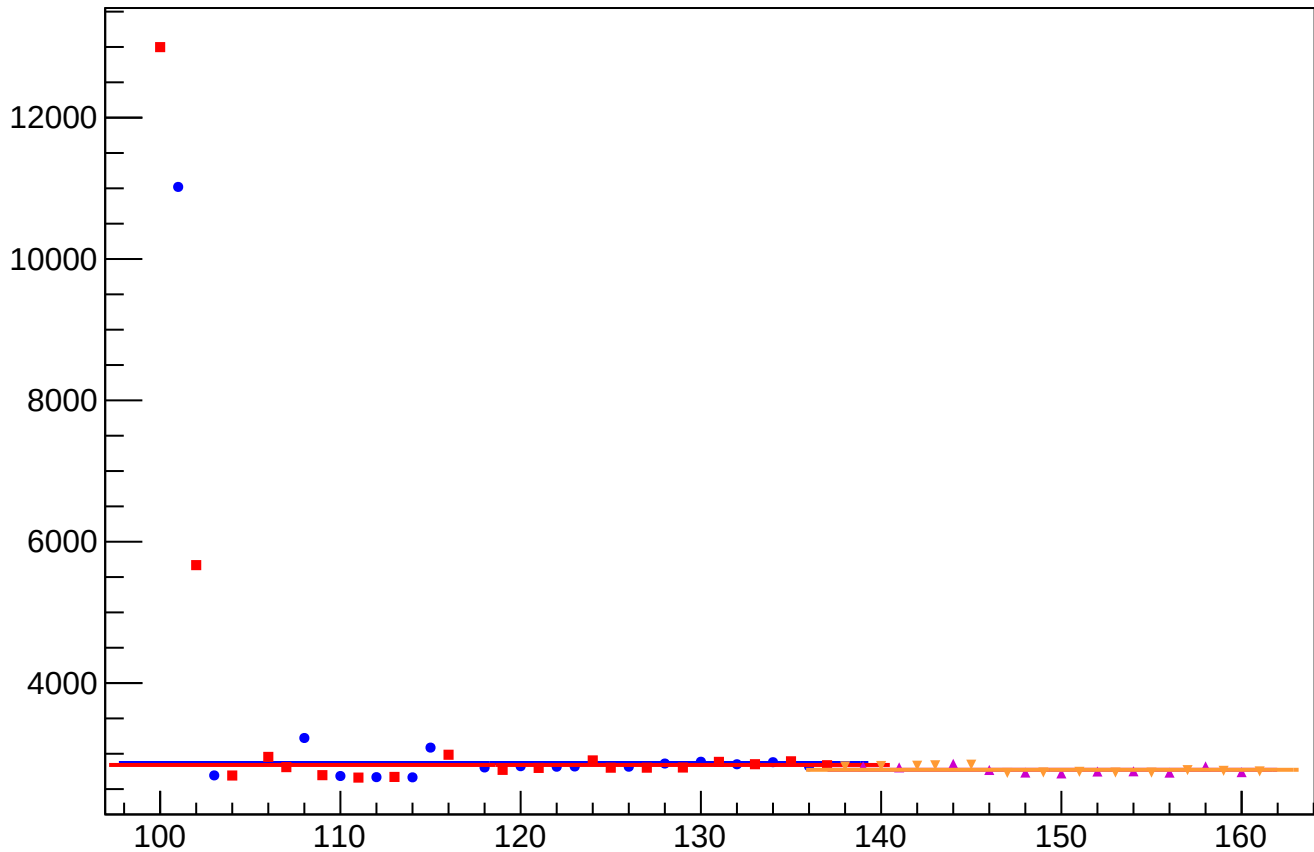
All: 7602.843+/-0.988 χ^2/NDF : 5412367.3/59

- sign 7554.816+/-1.398 χ^2/NDF : 2702841.5/29

dit_asym_atr1_mean vs Slug



dit_asym_atr1_rms vs Slug



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

Left Out: 2773.228+/-0.628 χ^2/NDF : 4744.1/12

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

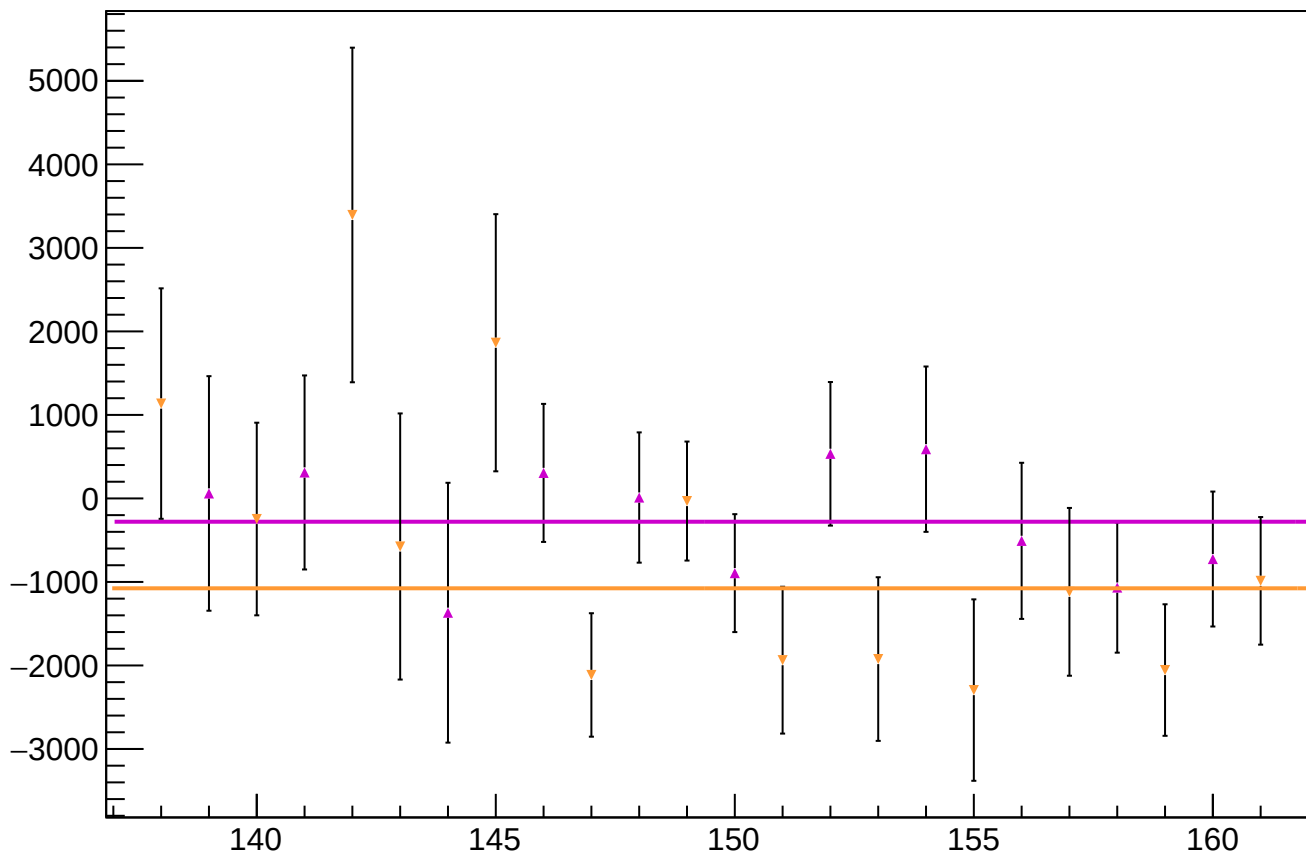
Left In: 2772.637+/-0.652 χ^2/NDF : 4462.6/10

+ sign 2809.684+/-0.494 χ^2/NDF : 683523.6/29

All: 2805.615+/-0.350 χ^2/NDF : 1005326.0/59

- sign 2801.502+/-0.497 χ^2/NDF : 321666.2/29

asym_atr1_correction_mean vs Slug



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

Left Out: -1076.141+/-270.745 χ^2/NDF :20.5/12

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

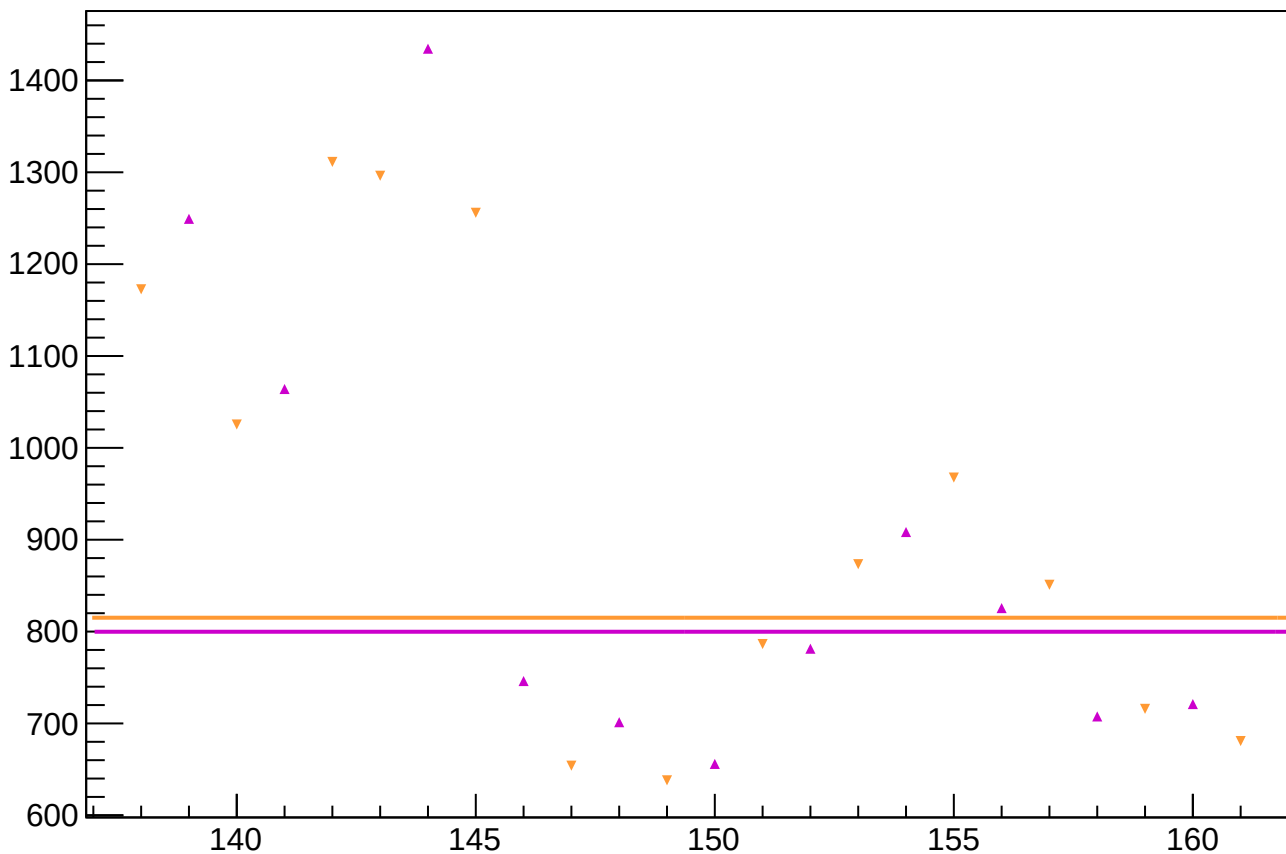
Left In: -278.970+/-272.456 χ^2/NDF :5.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -680.065+/-192.048 χ^2/NDF : 30.0/23

- 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: 815.090+/-0.191 χ^2/NDF :1033047.7/12

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

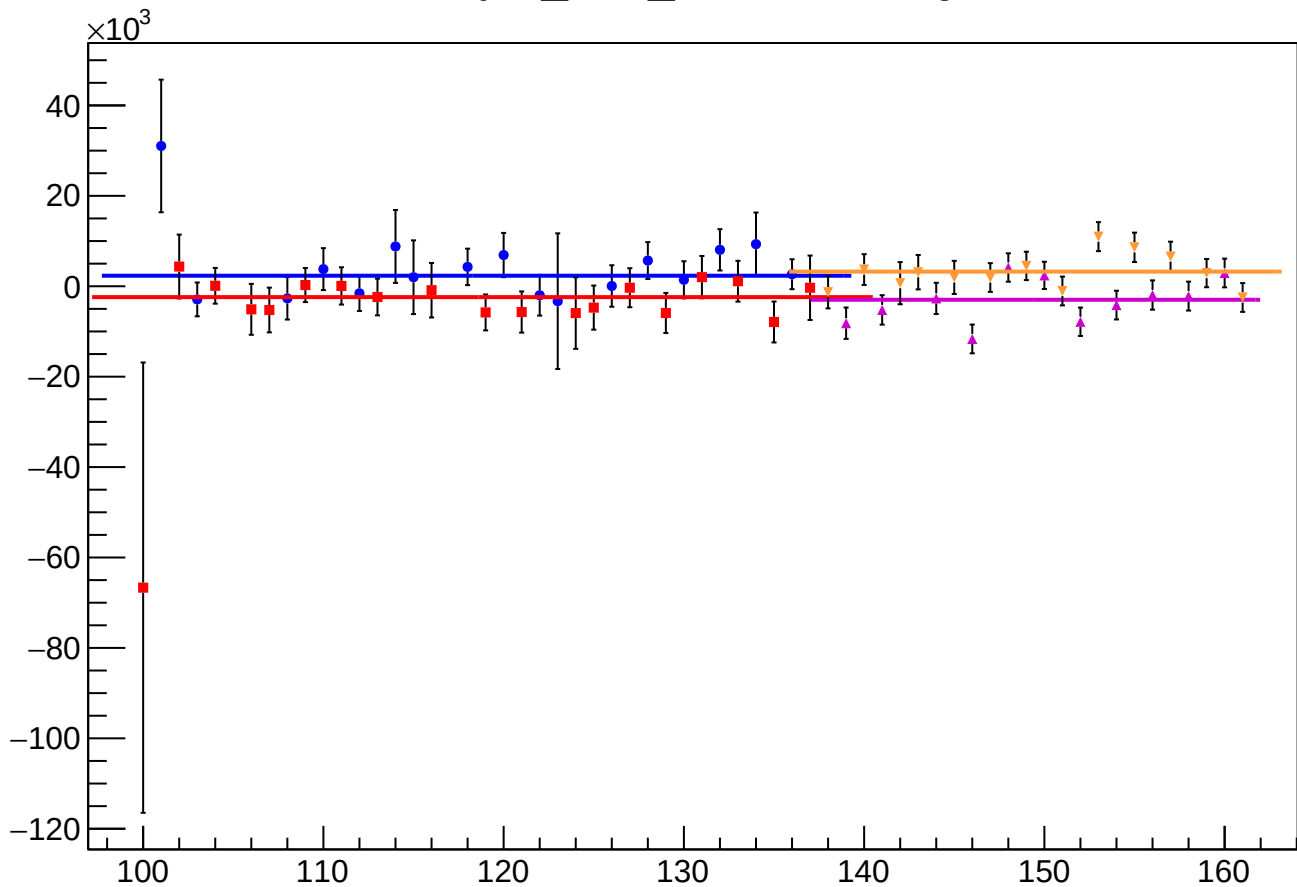
Left In: 799.818+/-0.193 χ^2/NDF :838231.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 807.502+/-0.136 χ^2/NDF : 1874440.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 3241.365+/-937.720 χ^2/NDF : 17.0/12

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

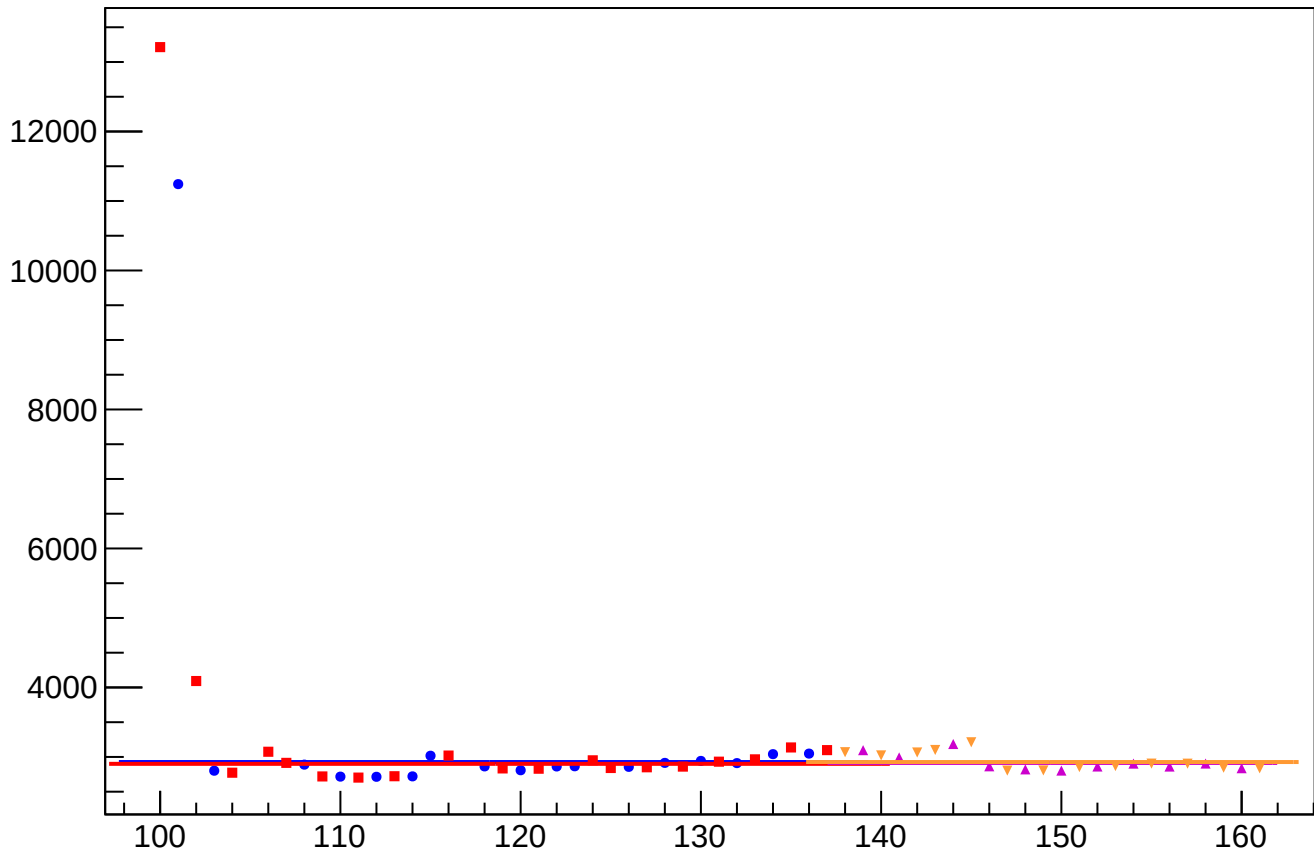
Left In: -2985.990+/-969.553 χ^2/NDF : 24.7/10

+ sign 2879.937+/-728.388 χ^2/NDF : 31.7/29

All: 80.090+/-515.702 χ^2/NDF : 96.3/59

- sign -2734.038+/-730.243 χ^2/NDF : 34.9/29

asym_atr1_rms vs Slug



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

Left Out: 2926.742 $\pm$ 0.663 χ^2 /NDF: 33465.1/12

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

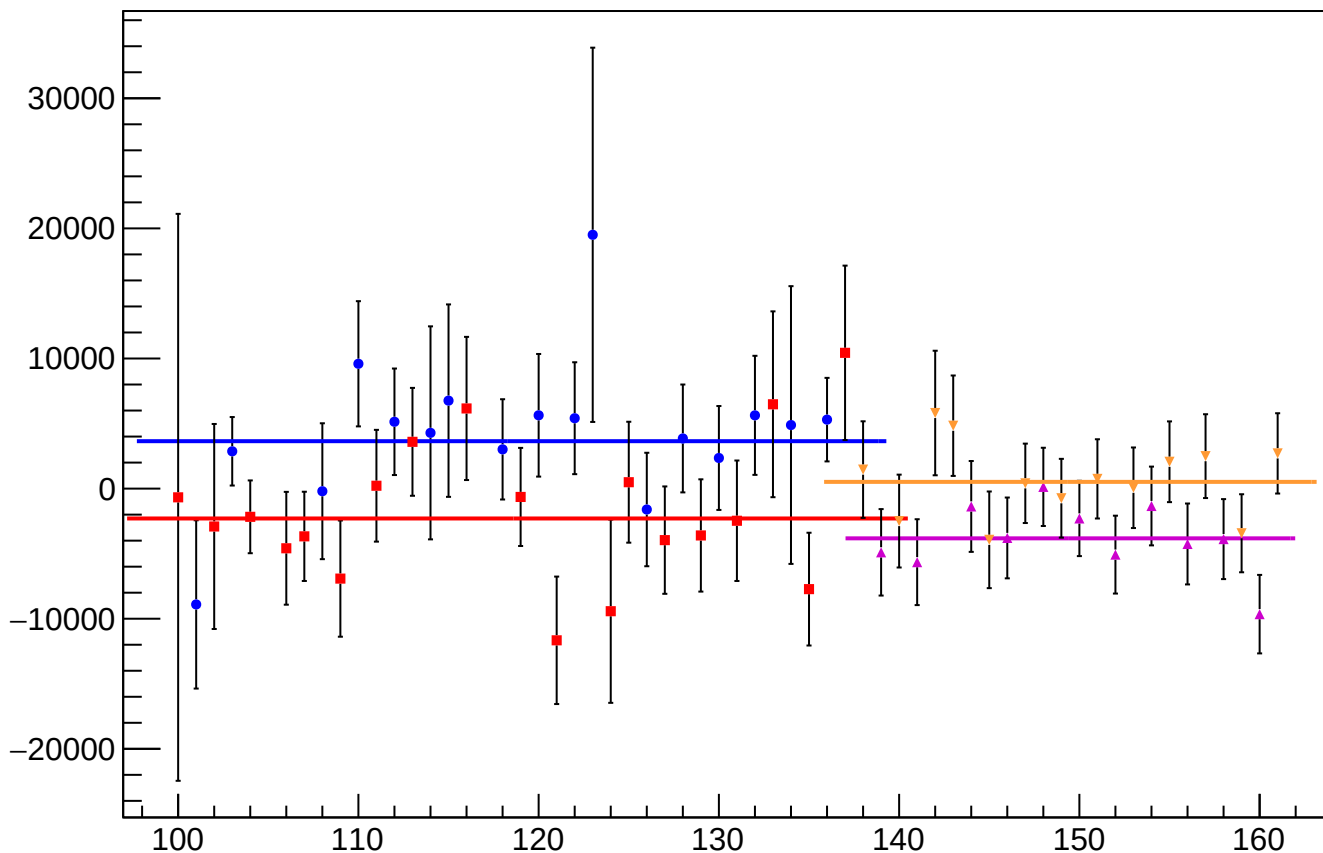
Left In: 2913.740 $\pm$ 0.686 χ^2 /NDF: 26312.6/10

+ sign 2926.690 $\pm$ 0.515 χ^2 /NDF: 696259.5/29

All: 2917.445 $\pm$ 0.365 χ^2 /NDF: 893238.3/59

- sign 2908.152 $\pm$ 0.516 χ^2 /NDF: 196332.7/29

dit_asym_atr2_mean vs Slug



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

Left Out: 517.671+/-920.755 χ^2/NDF : 7.8/12

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

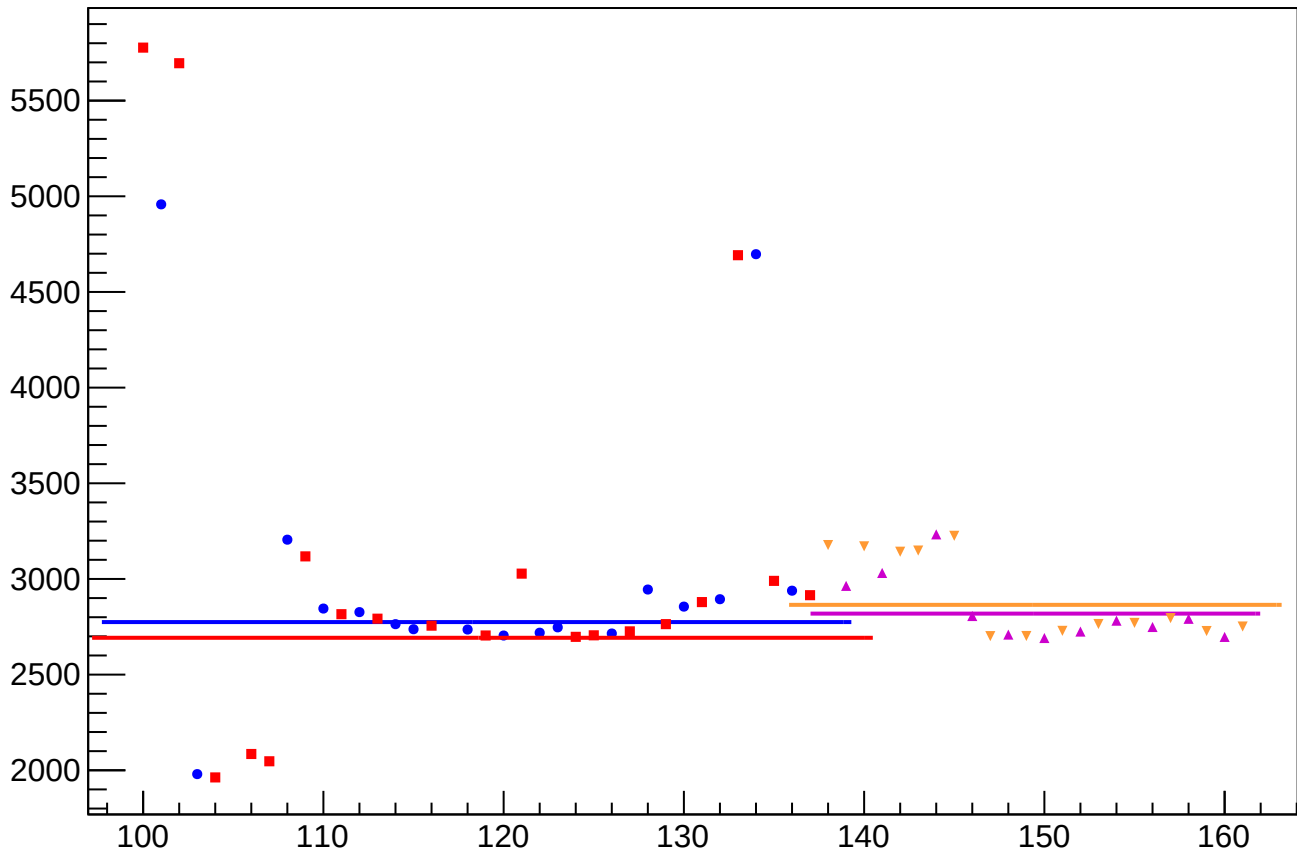
Left In: -3823.033+/-937.391 χ^2/NDF : 7.5/10

+ sign 1818.001+/-703.784 χ^2/NDF : 22.4/29

All: -681.973+/-495.716 χ^2/NDF : 74.6/59

- sign -3143.440+/-698.343 χ^2/NDF : 27.1/29

dit_asym_atr2_rms vs Slug



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

Left Out: 2864.667 $\pm$ 0.651 χ^2 /NDF: 92527.2/12

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

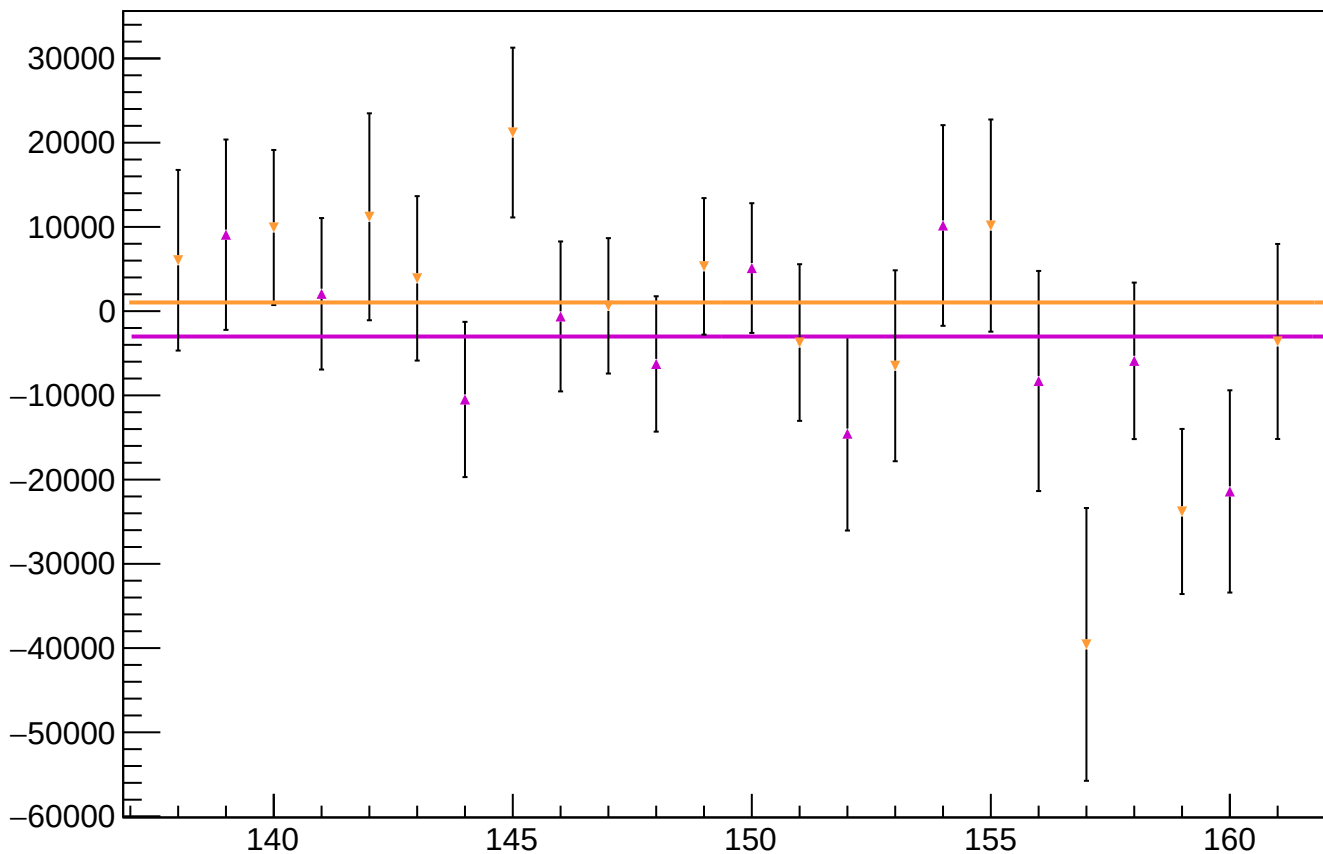
Left In: 2818.855 $\pm$ 0.663 χ^2 /NDF: 53512.9/10

+ sign 2827.228 $\pm$ 0.498 χ^2 /NDF: 602160.8/29

All: 2794.664 $\pm$ 0.350 χ^2 /NDF: 1460611.5/59

- sign 2762.611 $\pm$ 0.494 χ^2 /NDF: 849954.3/29

asym_atr2_correction_mean vs Slug



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

Left Out: 1030.595+/-2822.594 χ^2/NDF :20.3/12

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

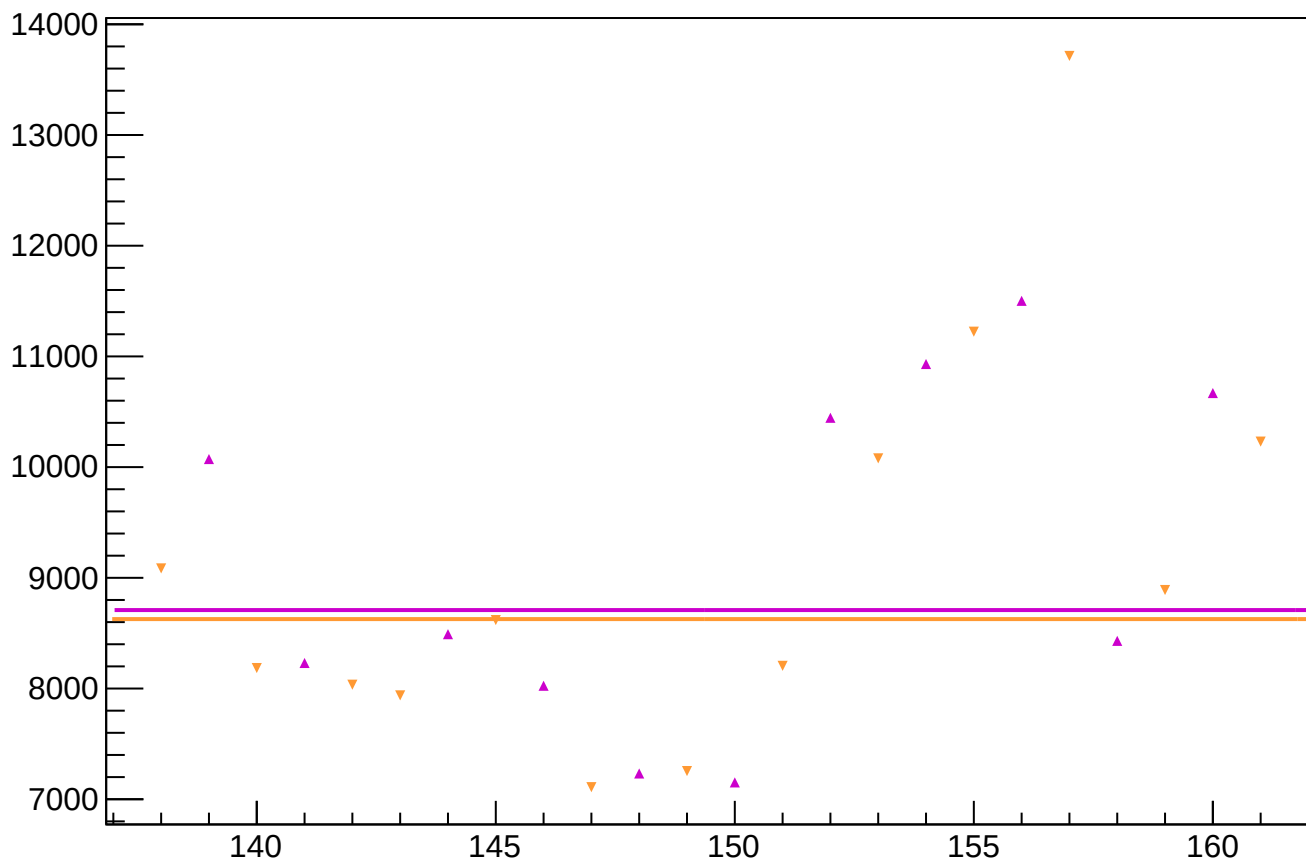
Left In: -3012.872+/-2936.847 χ^2/NDF :8.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -910.958+/-2035.068 χ^2/NDF : 29.6/23

- 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: 8627.212+/-1.996 χ^2/NDF : 510754.5/12

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

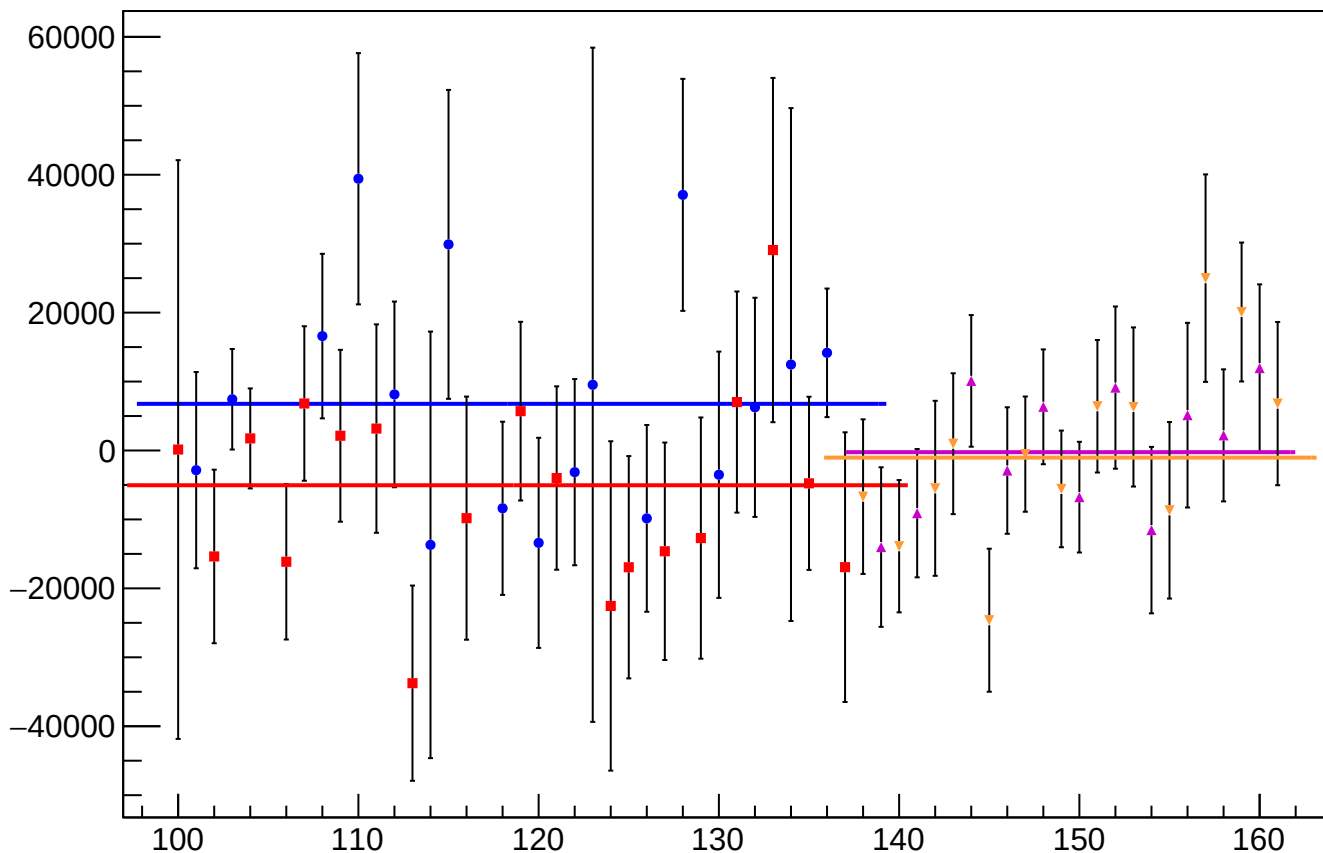
Left In: 8708.764+/-2.077 χ^2/NDF : 458700.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8666.371+/-1.439 χ^2/NDF : 970256.2/23

- 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: -1034.932 $\pm$ 2910.923 χ^2 /NDF: 16.9/12

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

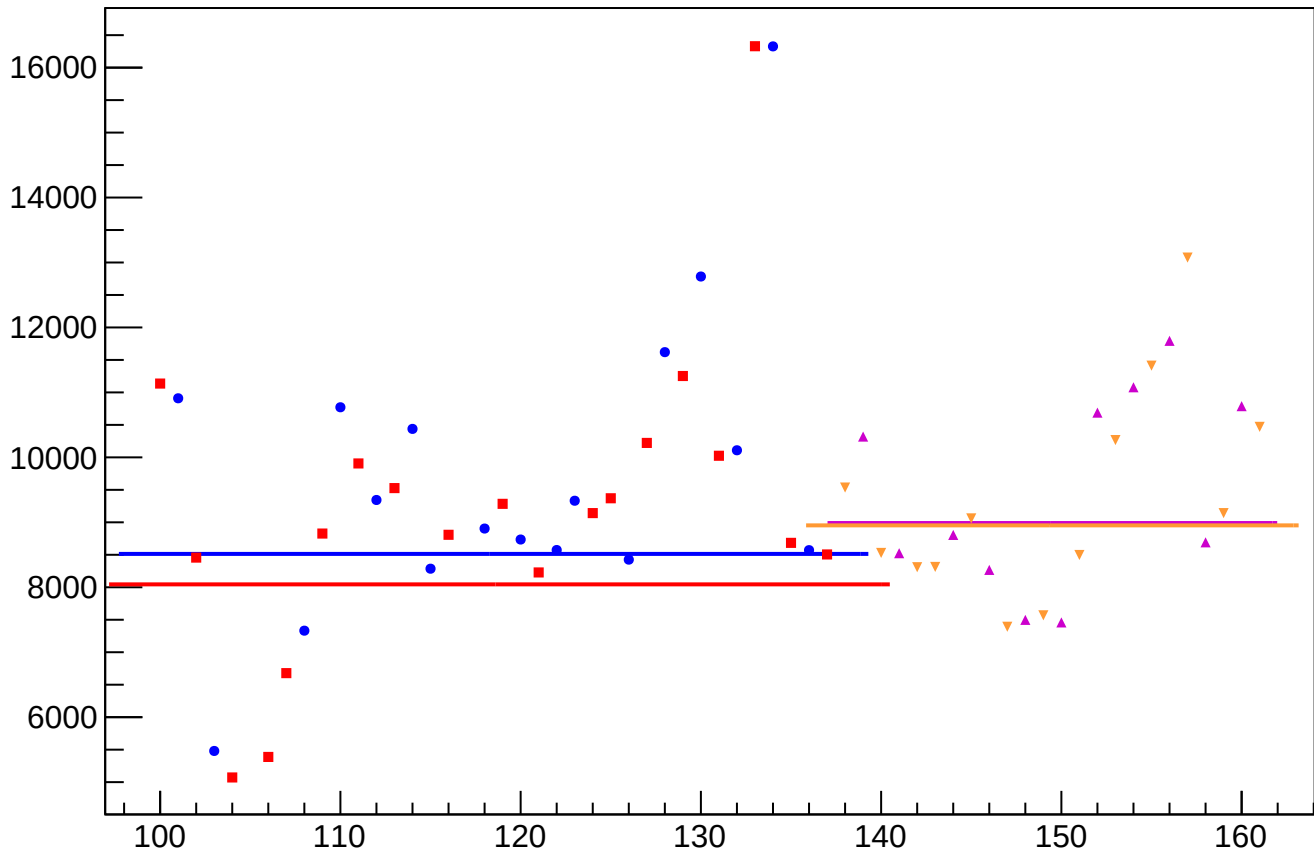
Left In: -245.391 $\pm$ 3027.265 χ^2 /NDF: 7.6/10

+ sign 2279.629 $\pm$ 2207.668 χ^2 /NDF: 35.3/29

All: -148.544 $\pm$ 1554.249 χ^2 /NDF: 60.1/59

- sign -2534.812 $\pm$ 2188.535 χ^2 /NDF: 22.4/29

asym_atr2_rms vs Slug



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

Left Out: 8953.066+/-2.058 χ^2/NDF : 433621.7/12

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

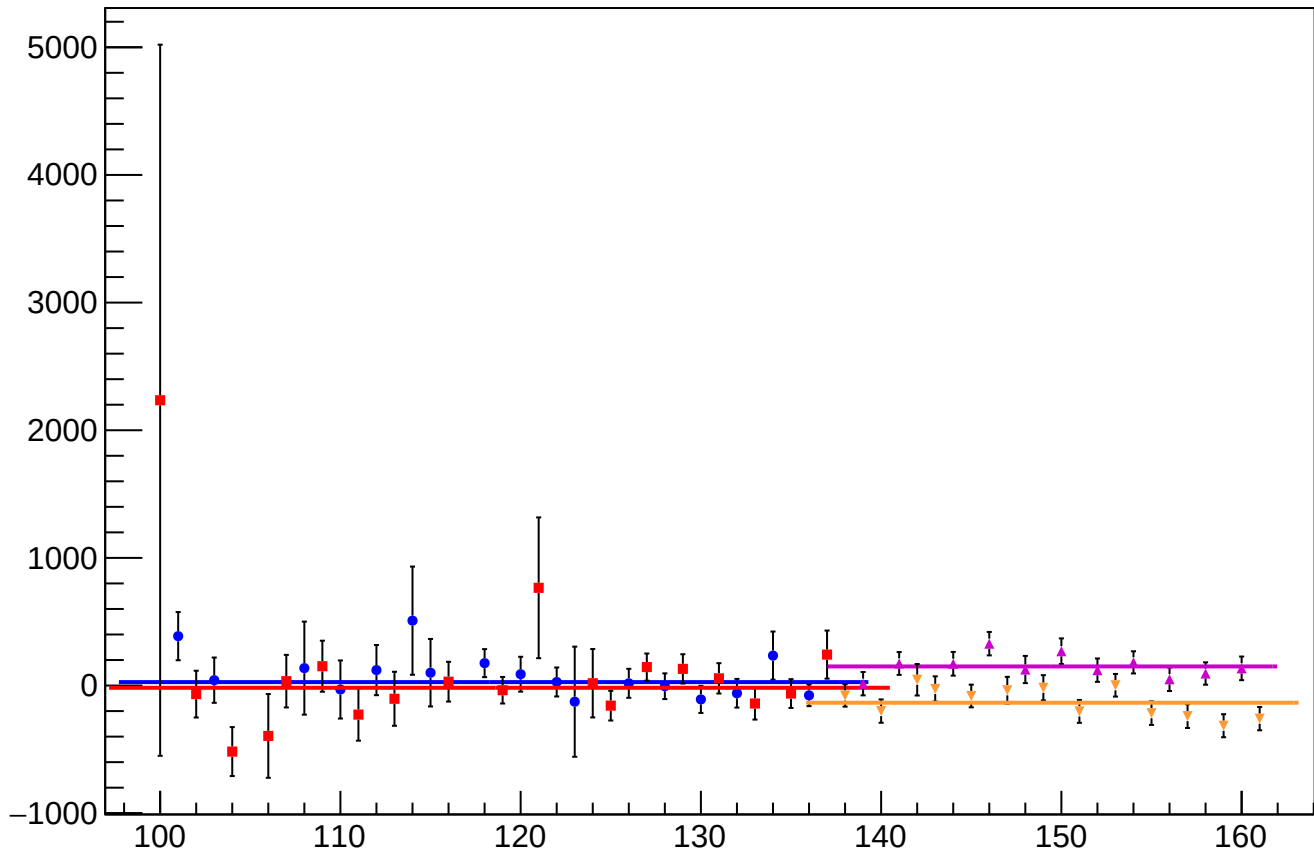
Left In: 8988.948+/-2.141 χ^2/NDF : 416453.8/10

+ sign 8766.402+/-1.561 χ^2/NDF : 1215595.5/29

All: 8651.309+/-1.099 χ^2/NDF : 2688017.6/59

- sign 8538.208+/-1.548 χ^2/NDF : 1461644.7/29

dit_asym_sam1_mean vs Slug



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

Left Out: -134.374+/-26.134 χ^2/NDF : 17.7/12

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

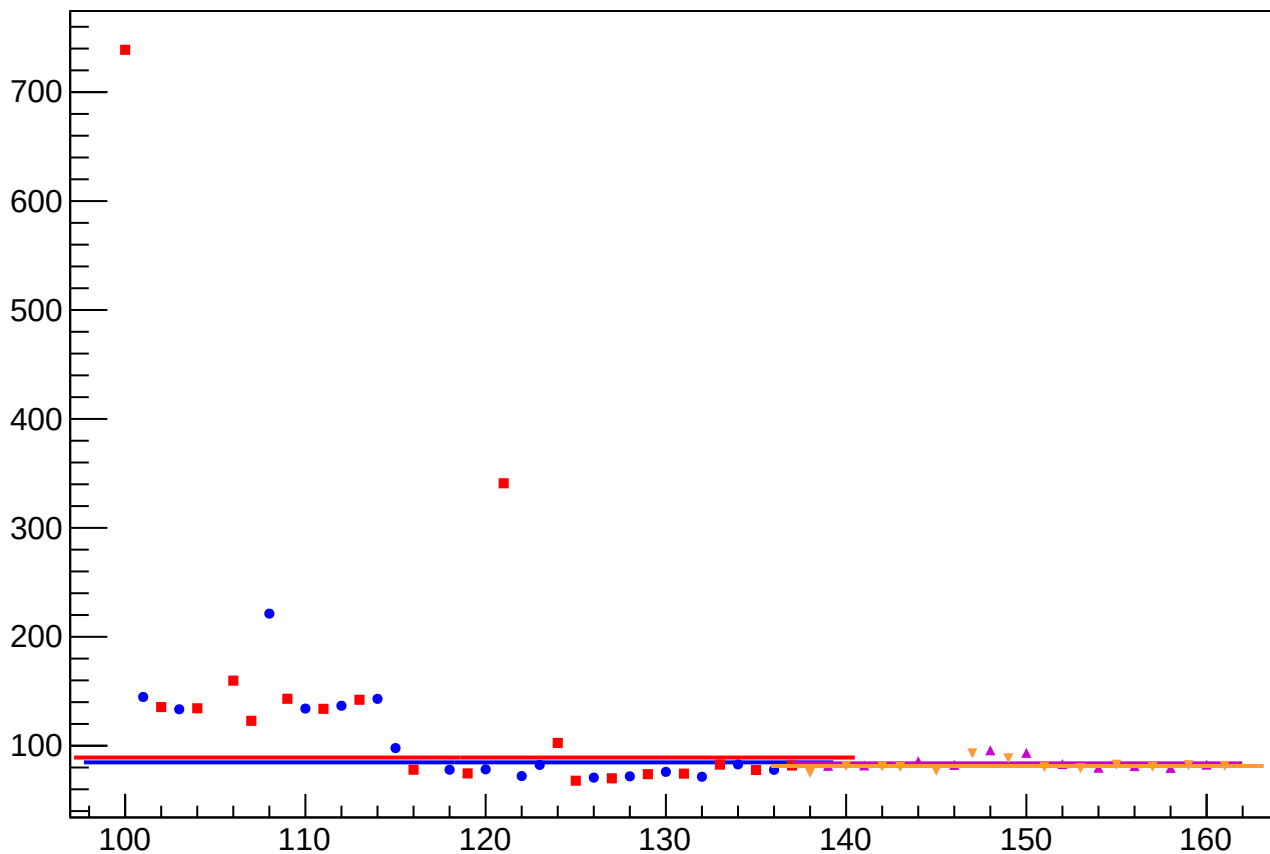
Left In: 149.709+/-27.914 χ^2/NDF : 9.4/10

+ sign -74.530+/-20.727 χ^2/NDF : 44.5/29

All: 1.112+/-15.071 χ^2/NDF : 117.6/59

- sign 85.980+/-21.954 χ^2/NDF : 44.9/29

dit_asym_sam1_rms vs Slug



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

Left Out: 81.393+/-0.018 χ^2/NDF : 52074.9/12

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

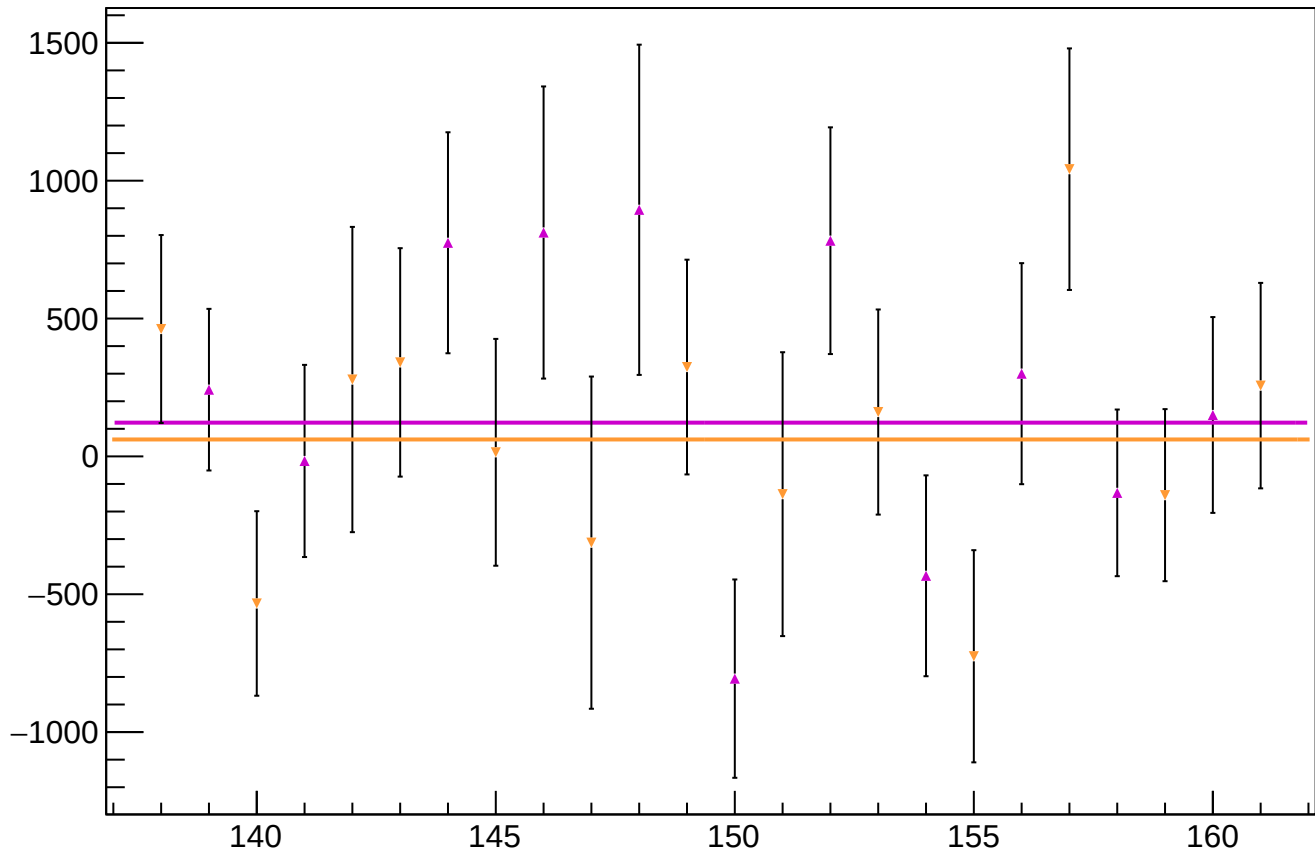
Left In: 83.835+/-0.020 χ^2/NDF : 57859.7/10

+ sign 82.633+/-0.015 χ^2/NDF : 1128646.4/29

All: 84.154+/-0.011 χ^2/NDF : 2796196.9/59

- sign 85.860+/-0.016 χ^2/NDF : 1644713.5/29

asym_sam1_correction_mean vs Slug



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

Left Out: 61.374 $\pm$ 110.226 χ^2 /NDF:16.1/12

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

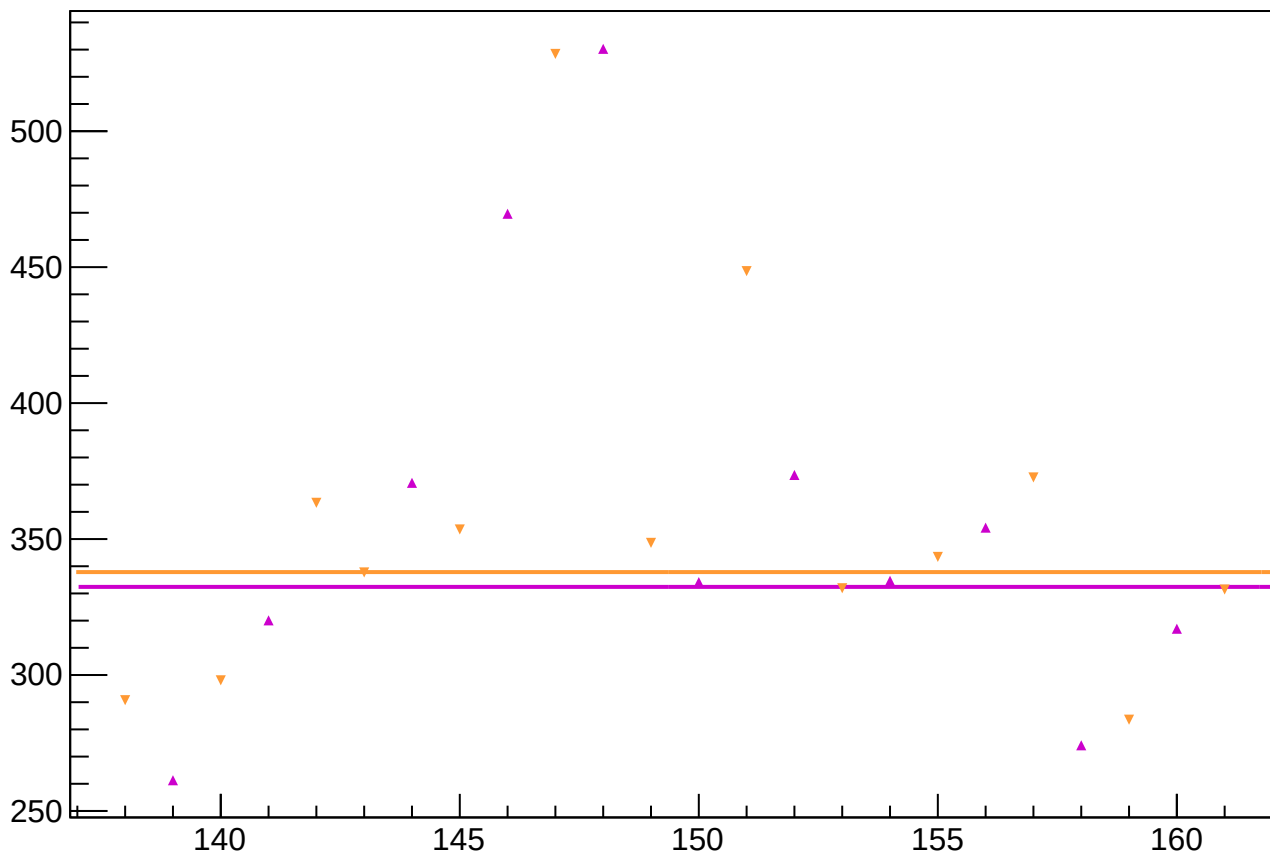
Left In: 122.363 $\pm$ 112.704 χ^2 /NDF:18.8/10

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

All: 91.190 $\pm$ 78.803 χ^2 /NDF: 35.1/23

- 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: 337.856+/-0.078 χ^2/NDF : 442299.0/12

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

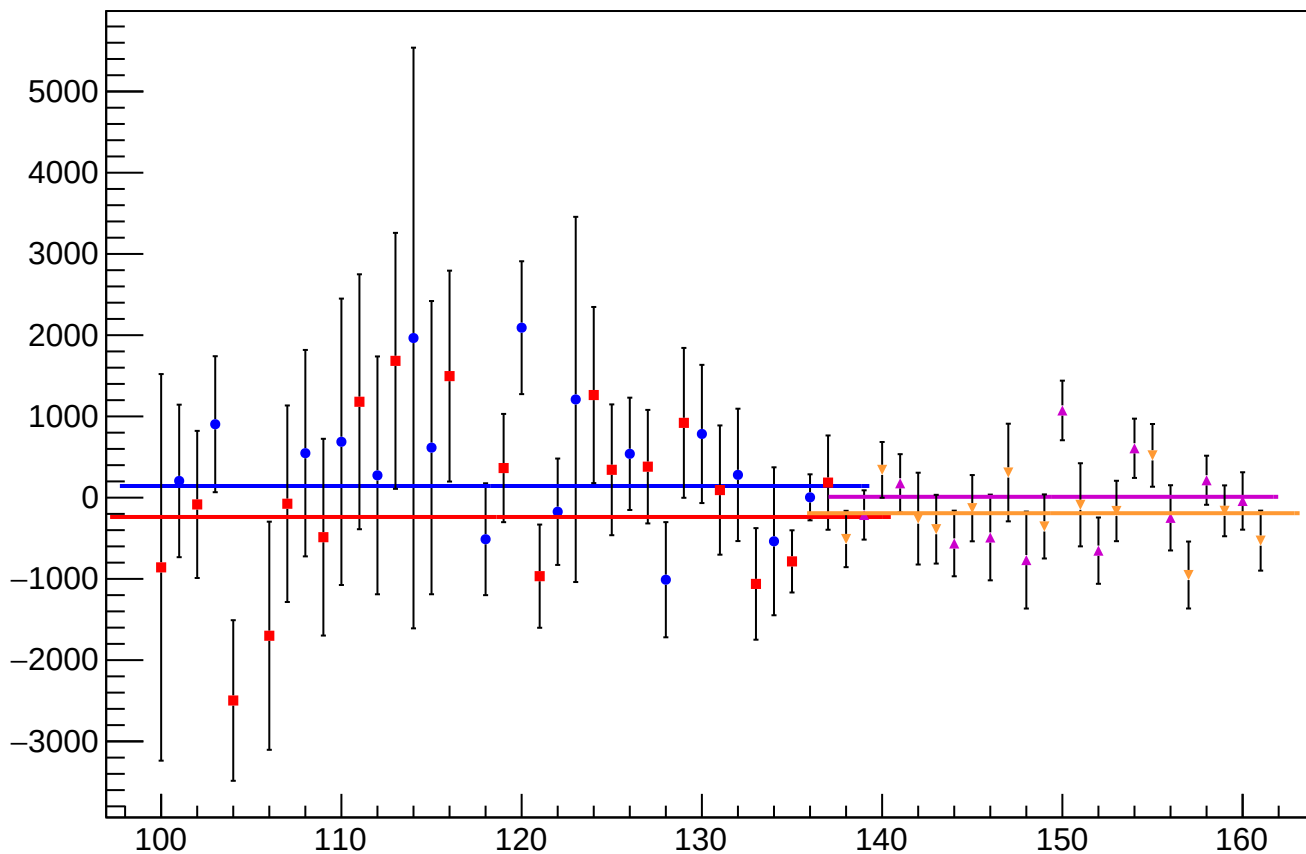
Left In: 332.410+/-0.080 χ^2/NDF : 595048.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.194+/-0.056 χ^2/NDF : 1039735.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



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

Left Out: -191.350 ± 110.500 χ^2/NDF : 12.1/12

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

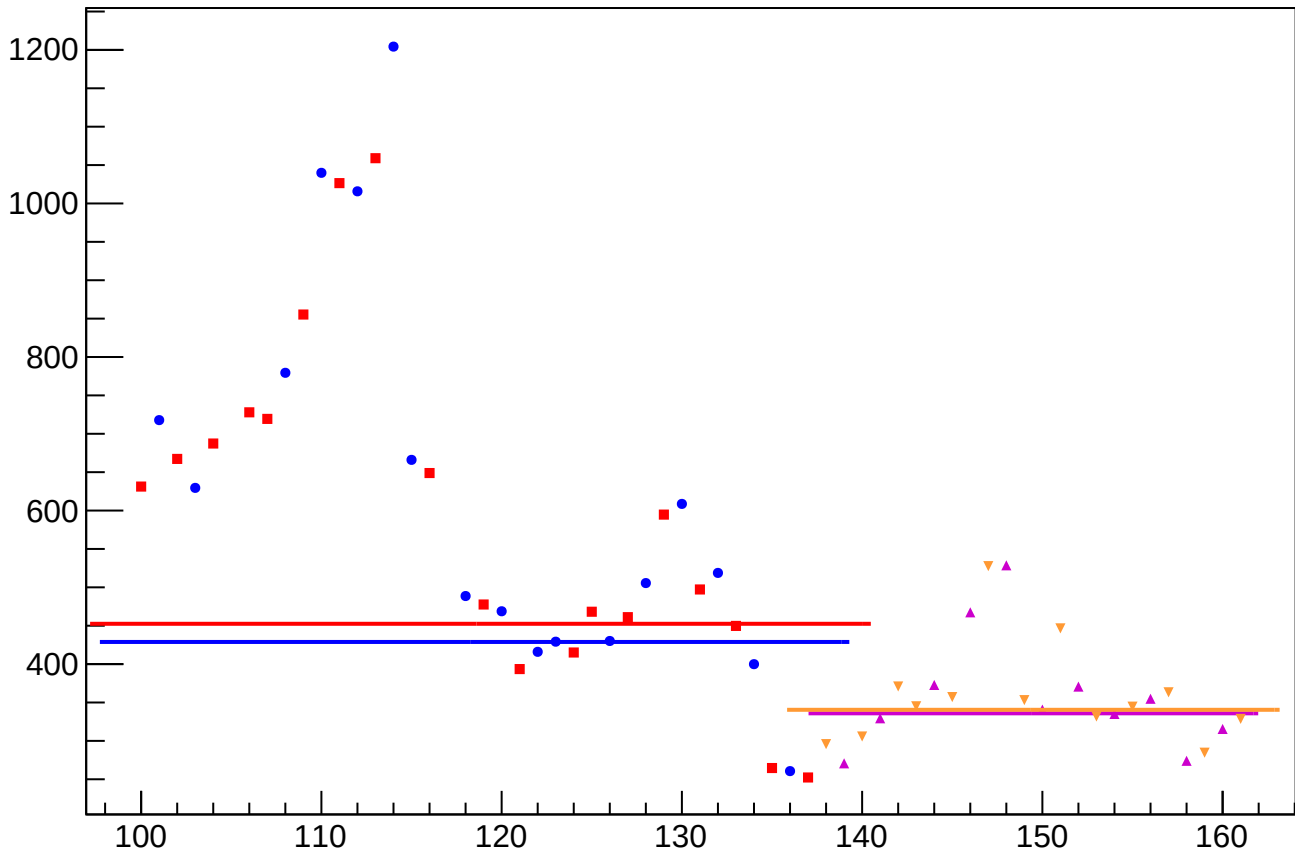
Left In: 10.273 ± 113.754 χ^2/NDF : 20.0/10

+ sign -99.136 ± 94.061 χ^2/NDF : 27.4/29

All: -79.310 ± 67.444 χ^2/NDF : 70.5/59

- sign -58.332 ± 96.756 χ^2/NDF : 43.0/29

asym_sam1_rms vs Slug



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

Left Out: 340.484+/-0.078 χ^2/NDF : 418075.5/12

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

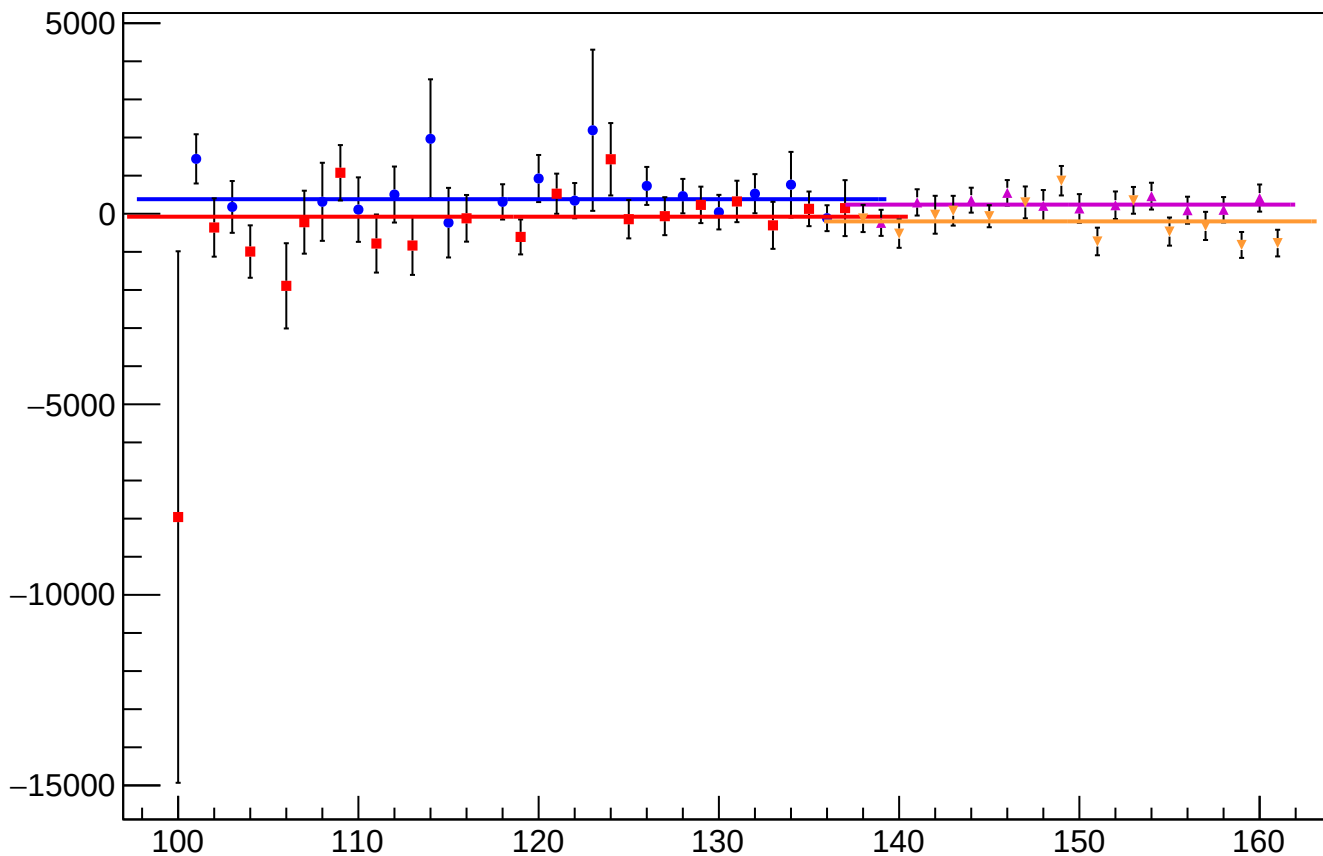
Left In: 335.891+/-0.080 χ^2/NDF : 552420.6/10

+ sign 364.822+/-0.067 χ^2/NDF : 2782691.8/29

All: 366.435+/-0.048 χ^2/NDF : 5956898.4/59

- sign 368.142+/-0.068 χ^2/NDF : 3172995.9/29

dit_asym_sam2_mean vs Slug



Right In: 381.893 $\pm$ 141.192 χ^2 /NDF: 9.4/16

Left Out: -200.048 $\pm$ 101.418 χ^2 /NDF: 21.9/12

Right Out: -77.490 $\pm$ 143.469 χ^2 /NDF: 16.8/18

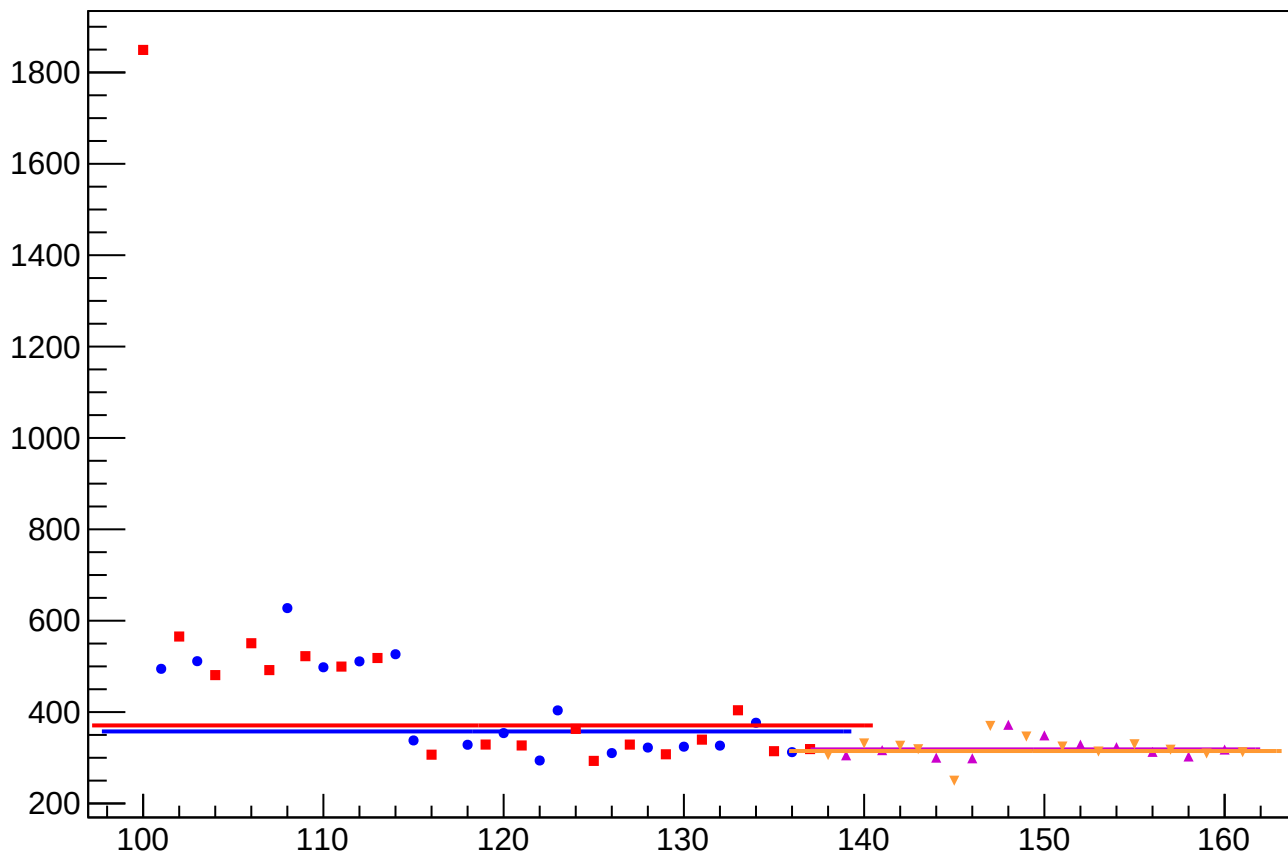
Left In: 239.768 $\pm$ 106.146 χ^2 /NDF: 4.0/10

+ sign -1.986 $\pm$ 82.371 χ^2 /NDF: 42.5/29

All: 60.491 $\pm$ 59.264 χ^2 /NDF: 67.6/59

- sign 127.539 $\pm$ 85.330 χ^2 /NDF: 23.9/29

dit_asym_sam2_rms vs Slug



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

Left Out: 314.777 $\pm$ 0.072 χ^2 /NDF: 160616.2/12

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

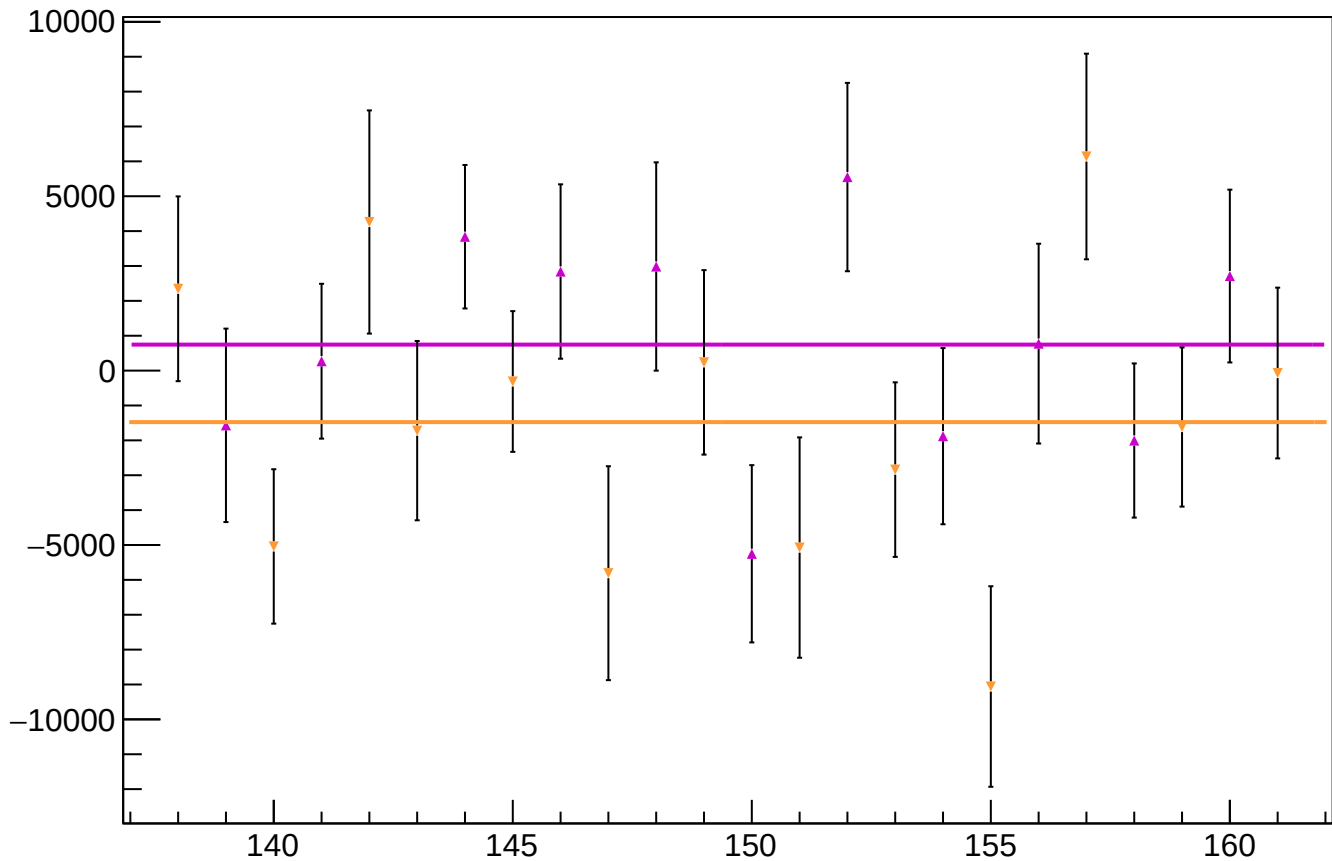
Left In: 318.361 $\pm$ 0.075 χ^2 /NDF: 69858.0/10

+ sign 329.373 $\pm$ 0.058 χ^2 /NDF: 912015.7/29

All: 333.008 $\pm$ 0.042 χ^2 /NDF: 1947369.2/59

- sign 336.909 $\pm$ 0.060 χ^2 /NDF: 1027279.6/29

asym_sam2_correction_mean vs Slug



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

Left Out: -1476.640 $\pm$ 717.016 χ^2 /NDF:26.2/12

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

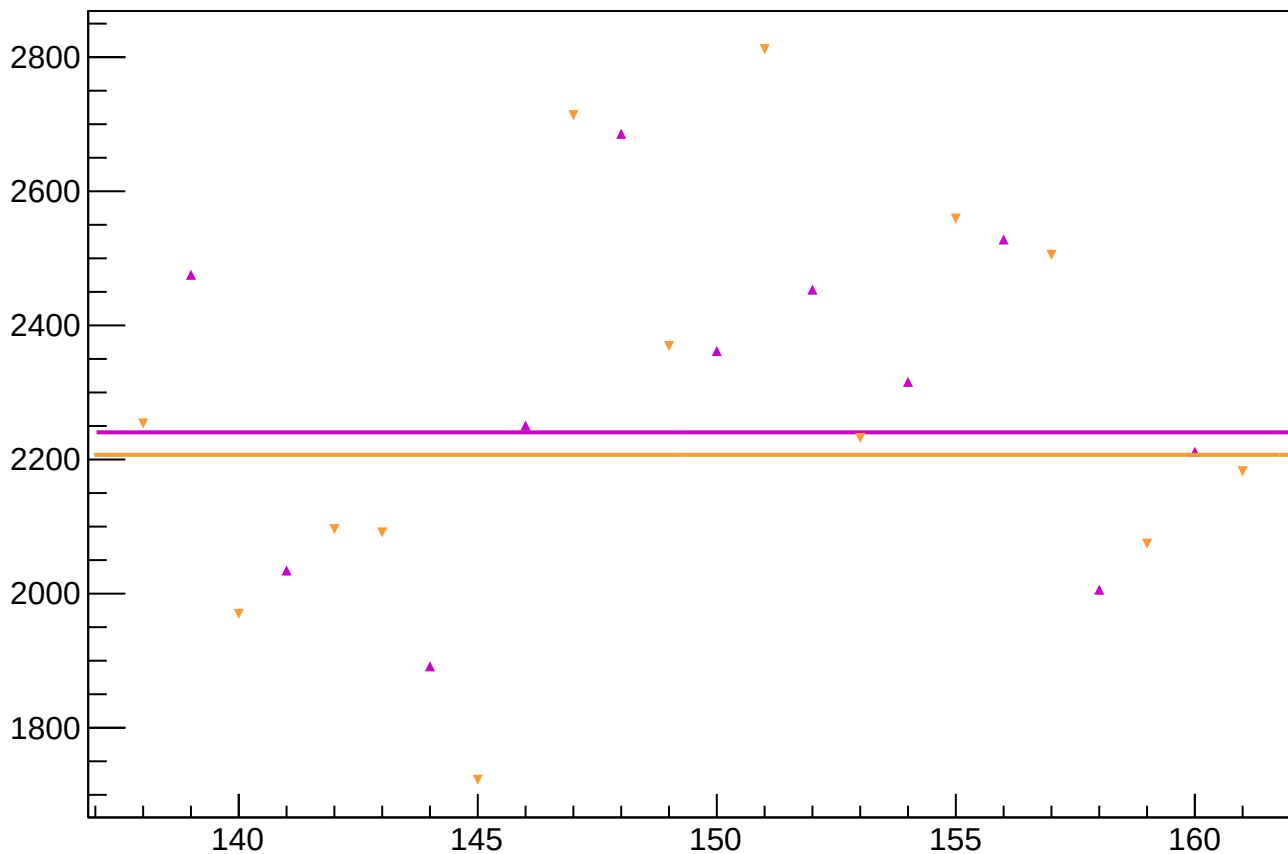
Left In: 745.470 $\pm$ 749.635 χ^2 /NDF:16.3/10

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

All: -414.981 $\pm$ 518.155 χ^2 /NDF: 47.0/23

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

asym_sam2_correction_rms vs Slug



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

Left Out: 2206.958+/-0.507 χ^2/NDF :338408.1/12

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

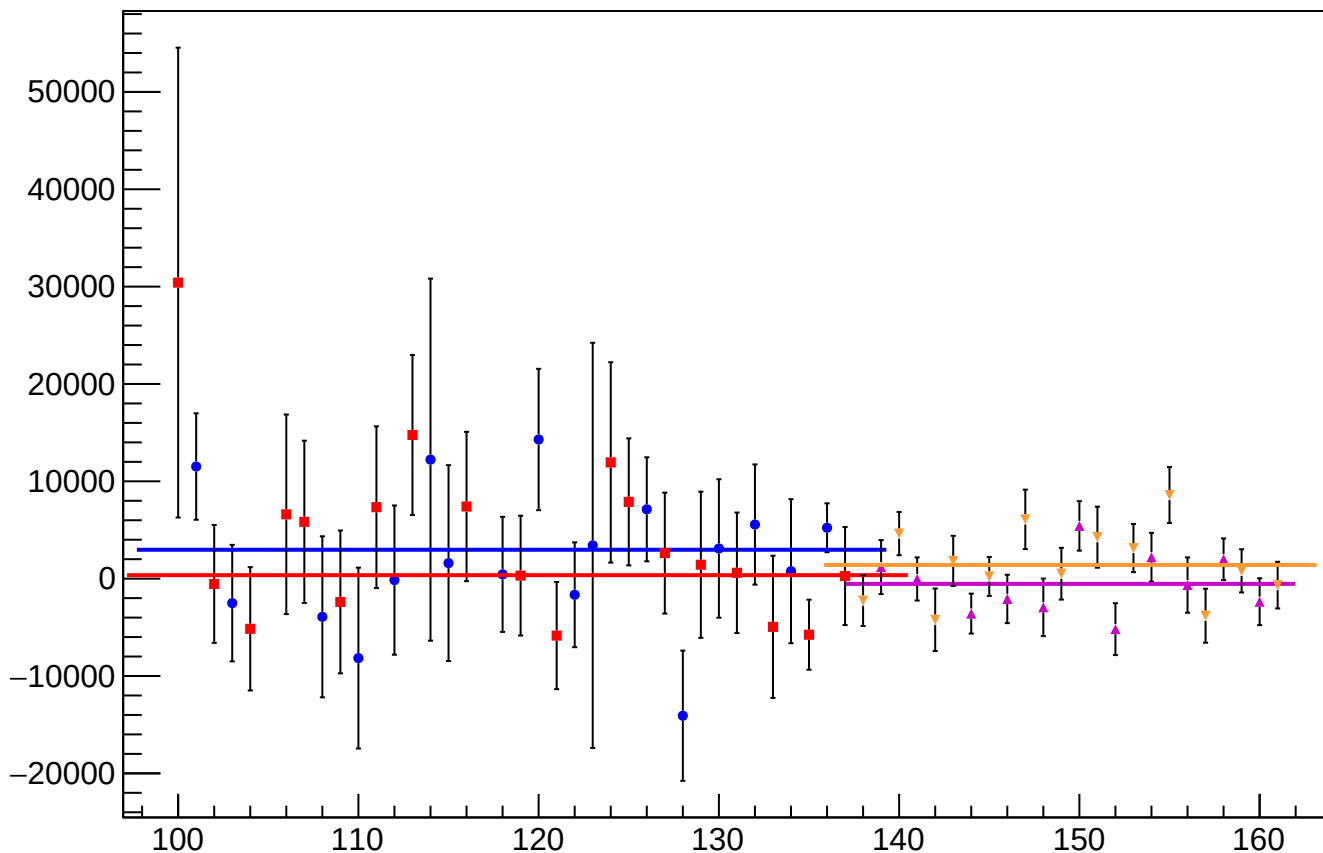
Left In: 2240.543+/-0.530 χ^2/NDF :195290.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2223.004+/-0.366 χ^2/NDF : 535795.2/23

- 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: 1406.295 $\pm$ 708.812 χ^2 /NDF:21.9/12

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

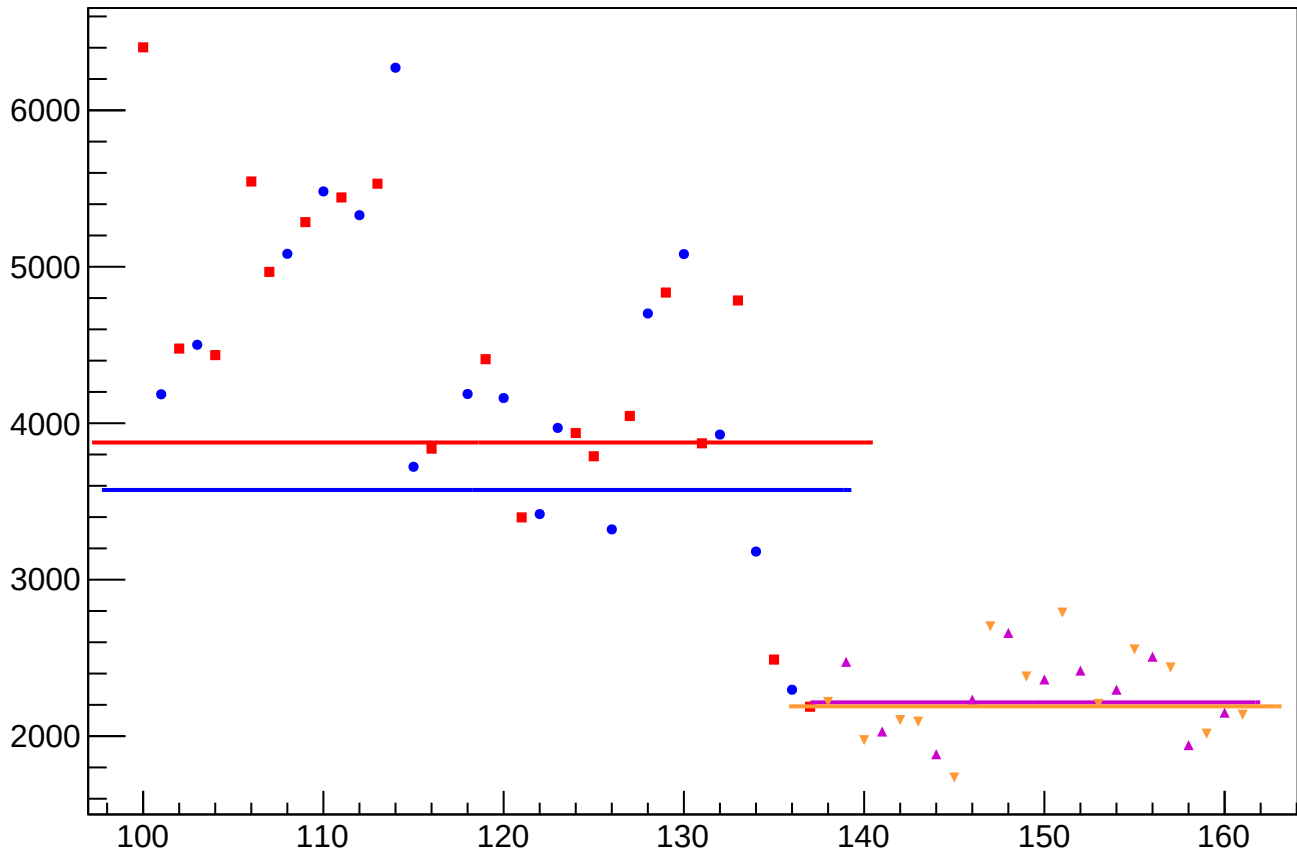
Left In: -537.016 $\pm$ 741.943 χ^2 /NDF:15.4/10

+ sign 1710.936 $\pm$ 635.987 χ^2 /NDF: 40.3/29

All: 721.549 $\pm$ 459.839 χ^2 /NDF: 76.4/59

- sign -362.277 $\pm$ 665.649 χ^2 /NDF: 31.0/29

asym_sam2_rms vs Slug



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

Left Out: 2190.327+/-0.501 χ^2/NDF : 328463.5/12

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

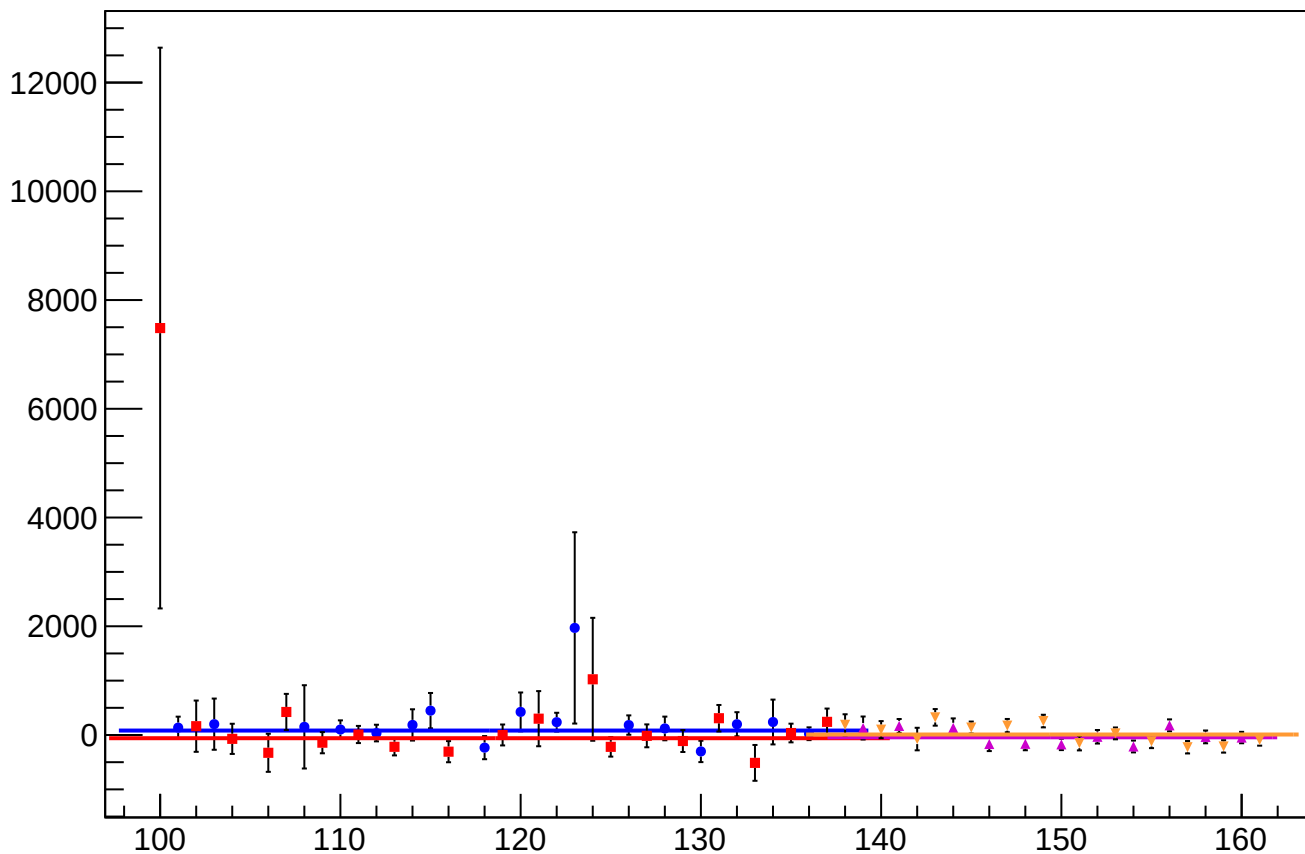
Left In: 2215.915+/-0.525 χ^2/NDF : 204448.2/10

+ sign 2459.942+/-0.450 χ^2/NDF : 2901688.5/29

All: 2498.125+/-0.325 χ^2/NDF : 6065137.9/59

- sign 2539.953+/-0.471 χ^2/NDF : 3148343.1/29

dit_asym_sam3_mean vs Slug



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

Left Out: 8.962 ± 35.200 χ^2/NDF : 24.6/12

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

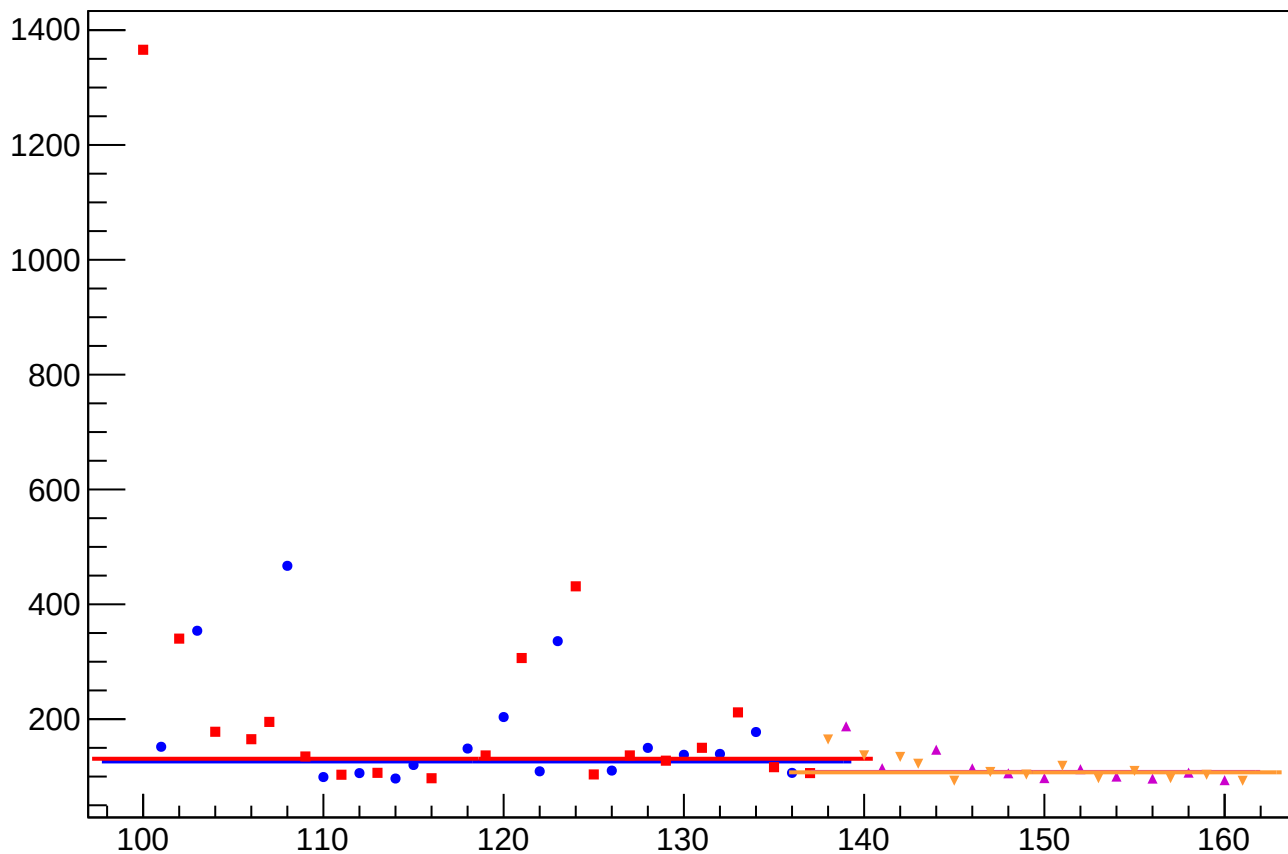
Left In: -42.309 ± 36.973 χ^2/NDF : 14.2/10

+ sign 31.922 ± 29.133 χ^2/NDF : 37.5/29

All: -6.280 ± 21.019 χ^2/NDF : 71.8/59

- sign -47.753 ± 30.354 χ^2/NDF : 30.7/29

dit_asym_sam3_rms vs Slug



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

Left Out: 107.383 ± 0.025 χ^2/NDF : 424627.7/12

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

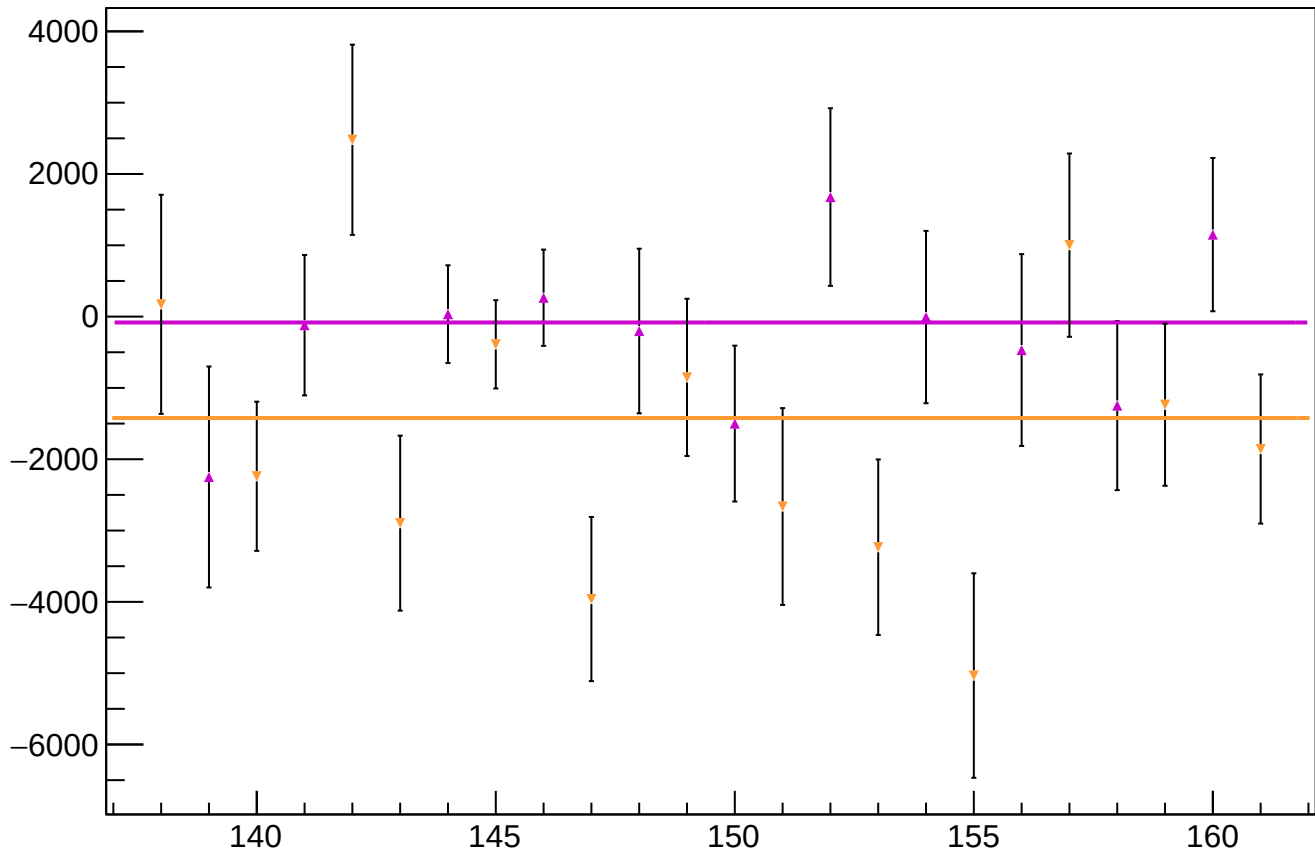
Left In: 108.045 ± 0.026 χ^2/NDF : 487388.3/10

+ sign 113.354 ± 0.021 χ^2/NDF : 1917931.3/29

All: 114.397 ± 0.015 χ^2/NDF : 4091398.7/59

- sign 115.530 ± 0.021 χ^2/NDF : 2168118.9/29

asym_sam3_correction_mean vs Slug



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

Left Out: -1421.891 $\pm$ 305.486 χ^2 /NDF:32.7/12

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

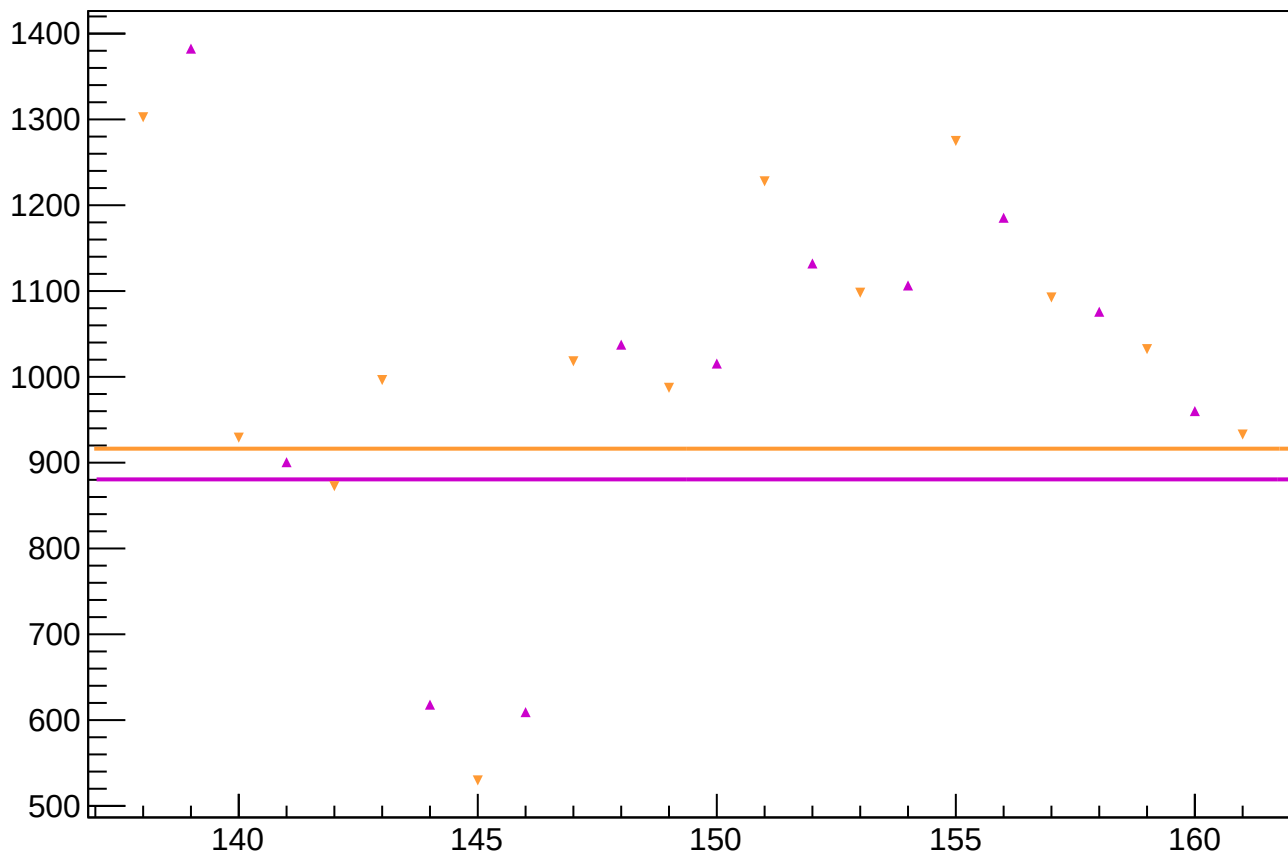
Left In: -82.298 $\pm$ 304.018 χ^2 /NDF:8.3/10

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

All: -748.867 $\pm$ 215.491 χ^2 /NDF: 50.6/23

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

asym_sam3_correction_rms vs Slug



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

Left Out: 916.310+/-0.216 χ^2/NDF :1270707.7/12

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

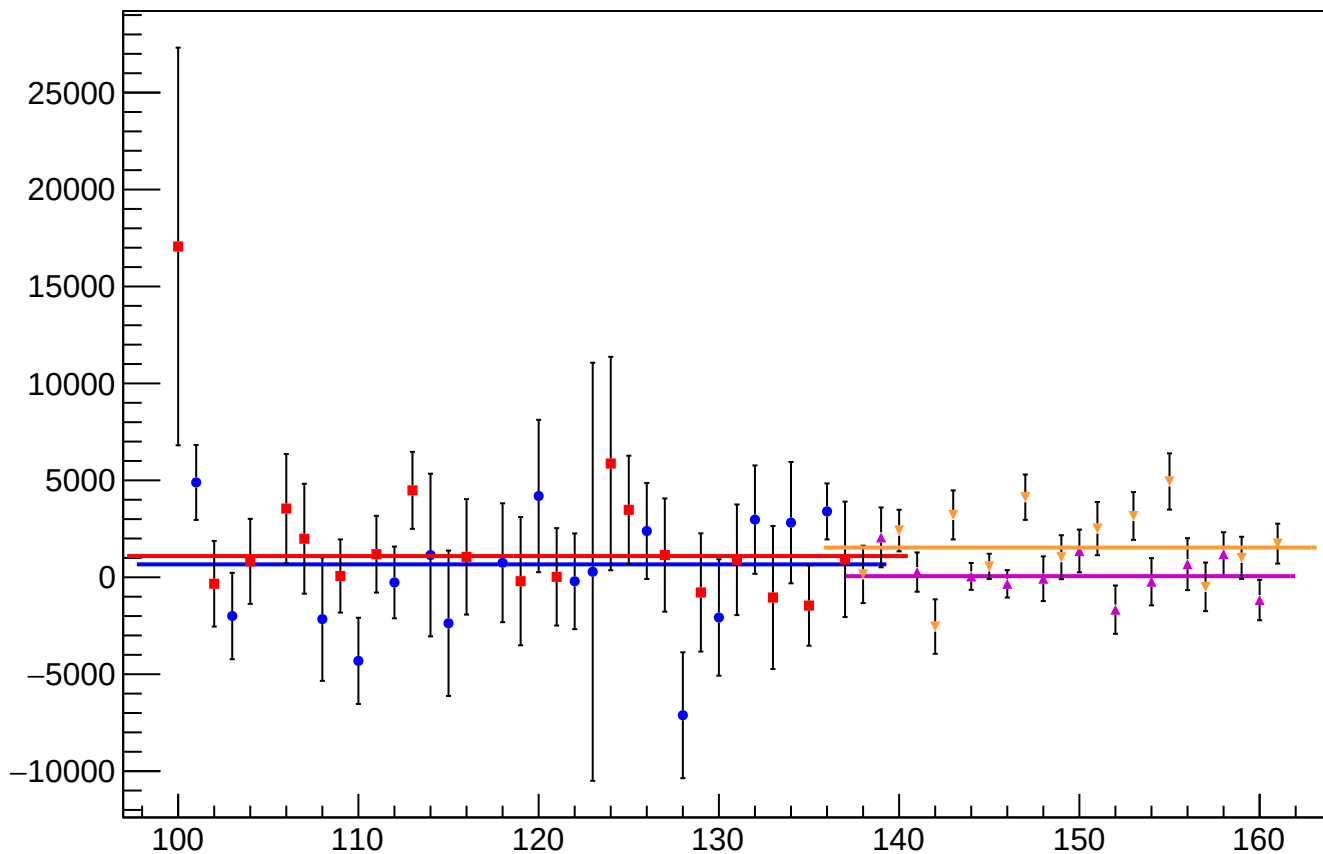
Left In: 880.507+/-0.215 χ^2/NDF :1214302.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 898.323+/-0.152 χ^2/NDF : 2498812.7/23

- 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: 1533.191 ± 309.672 χ^2/NDF : 29.7/12

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

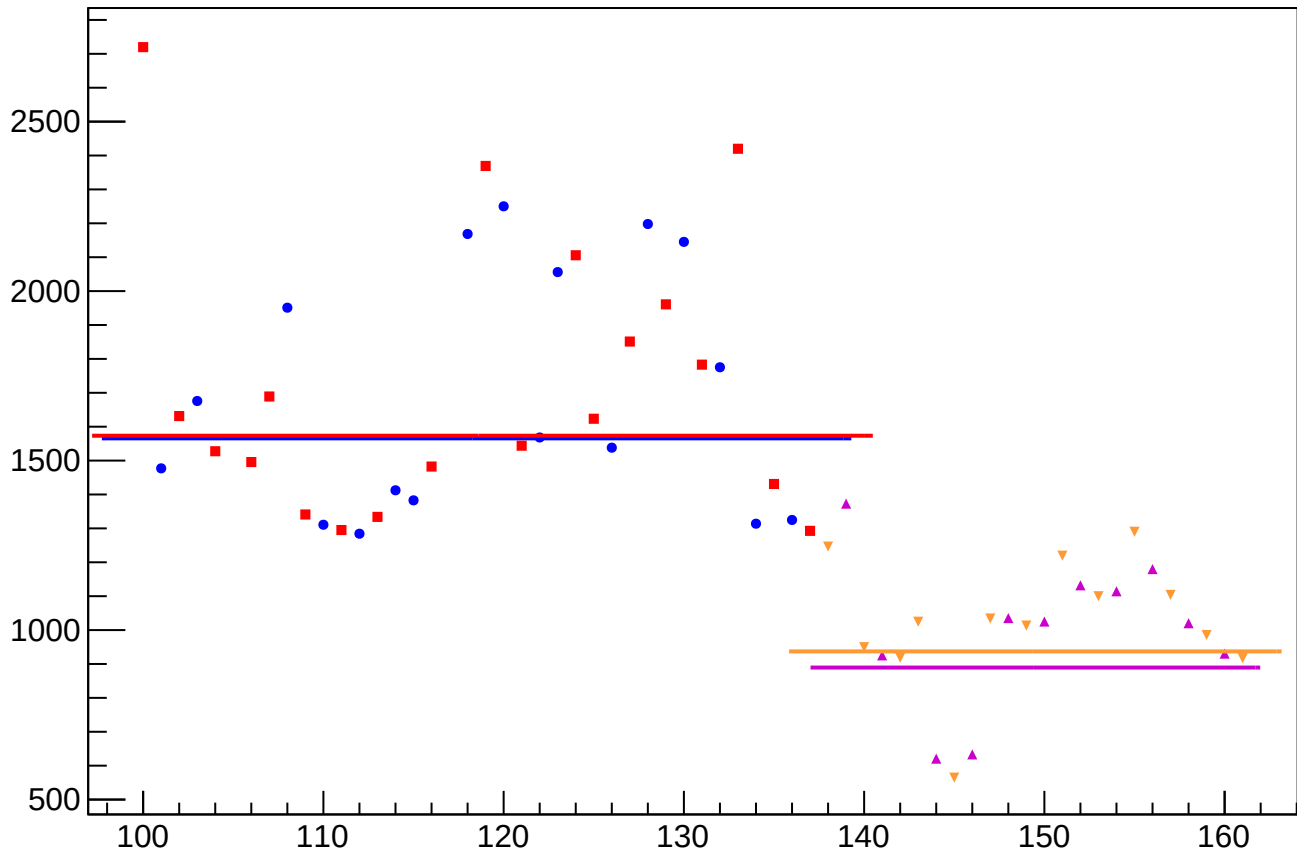
Left In: 58.395 ± 306.780 χ^2/NDF : 8.0/10

+ sign 1359.617 ± 276.934 χ^2/NDF : 57.0/29

All: 808.605 ± 194.558 χ^2/NDF : 86.2/59

- sign 271.589 ± 273.394 χ^2/NDF : 21.4/29

asym_sam3_rms vs Slug



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

Left Out: 937.060+/-0.219 χ^2/NDF : 1054778.1/12

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

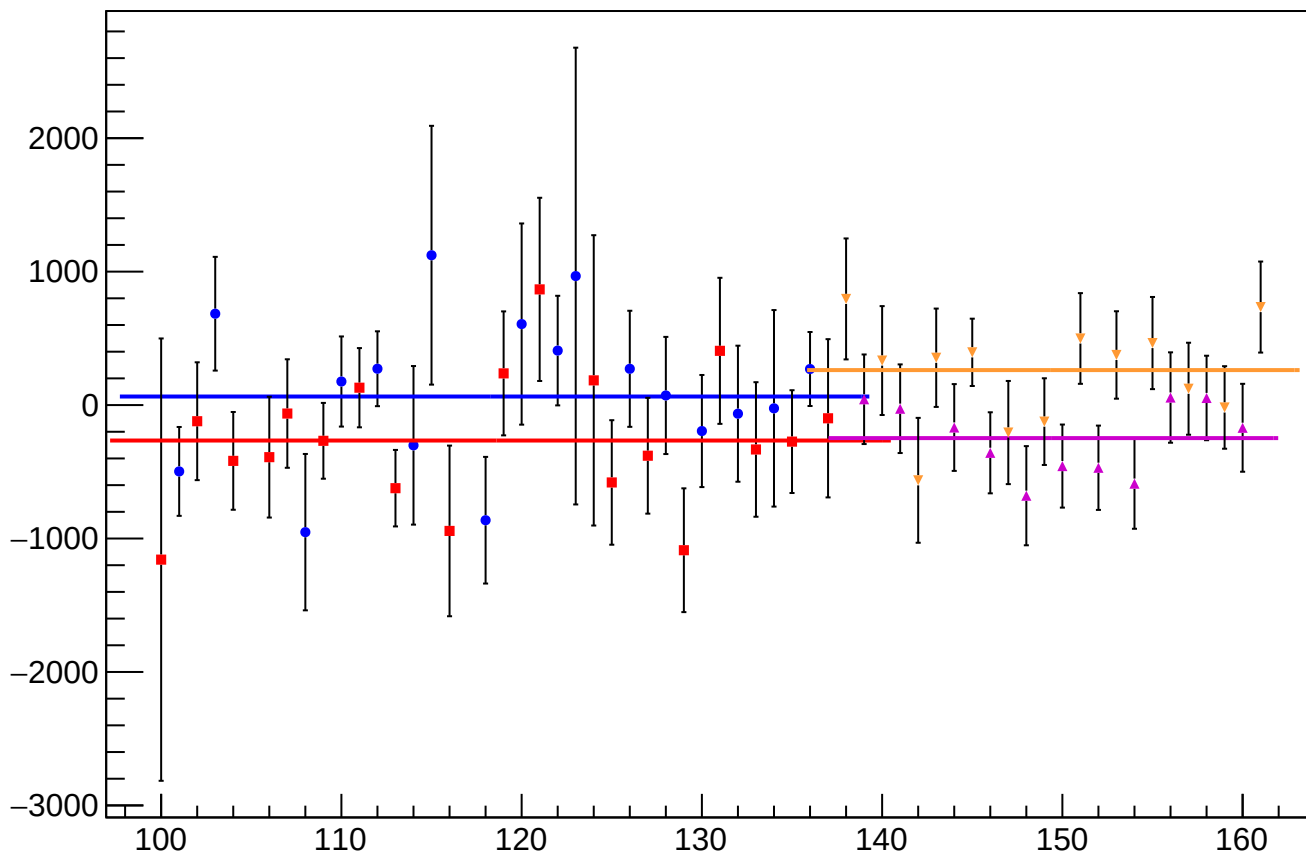
Left In: 889.405+/-0.217 χ^2/NDF : 1091462.5/10

+ sign 1062.937+/-0.196 χ^2/NDF : 3195704.6/29

All: 1046.343+/-0.138 χ^2/NDF : 6809369.9/59

- sign 1030.170+/-0.193 χ^2/NDF : 3599486.0/29

dit_asym_sam4_mean vs Slug



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

Left Out: 262.103+/-95.991 χ^2/NDF : 11.6/12

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

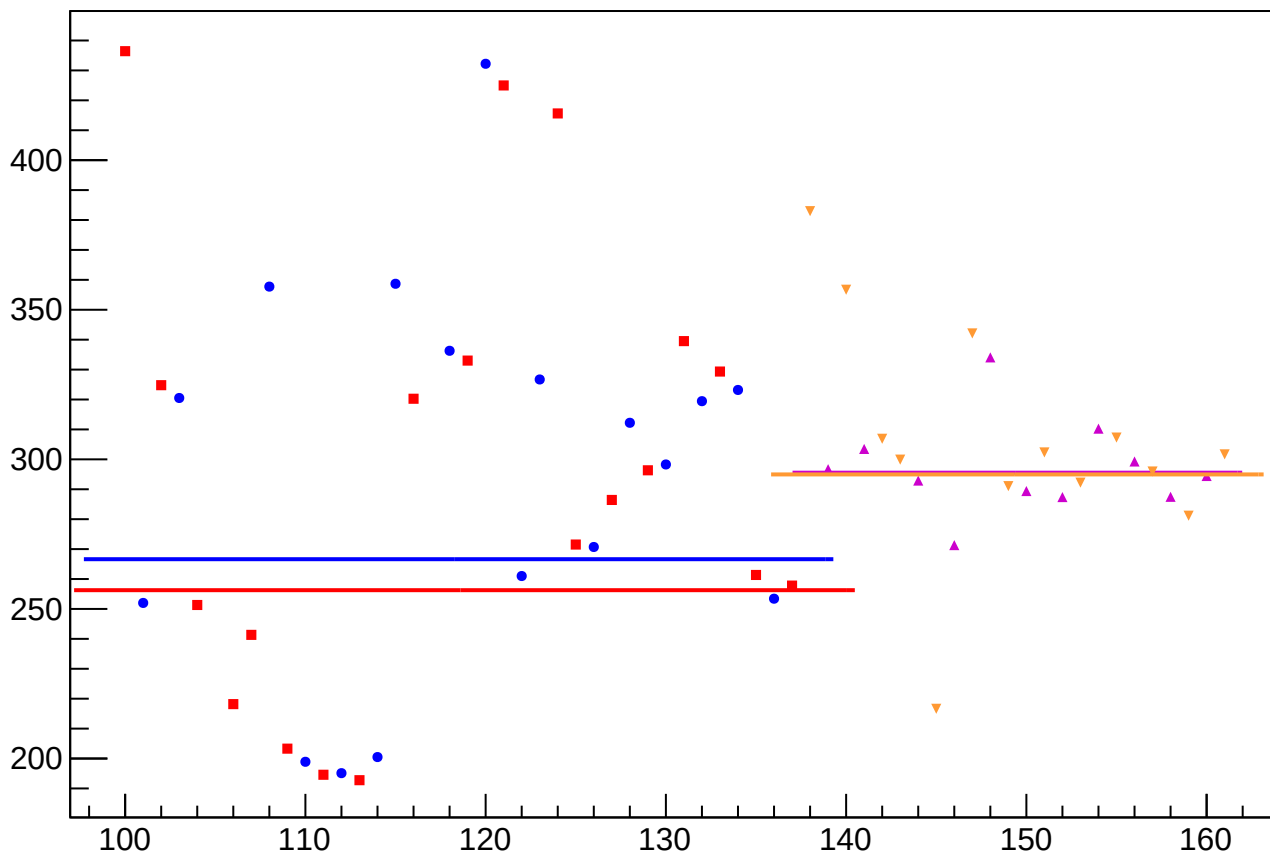
Left In: -247.524+/-98.780 χ^2/NDF : 6.5/10

+ sign 172.267+/-70.950 χ^2/NDF : 30.3/29

All: -44.844+/-49.851 χ^2/NDF : 69.9/59

- sign -256.538+/-70.059 χ^2/NDF : 21.2/29

dit_asym_sam4_rms vs Slug



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 294.960 $\pm$ 0.068 χ^2 /NDF: 354214.4/12

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

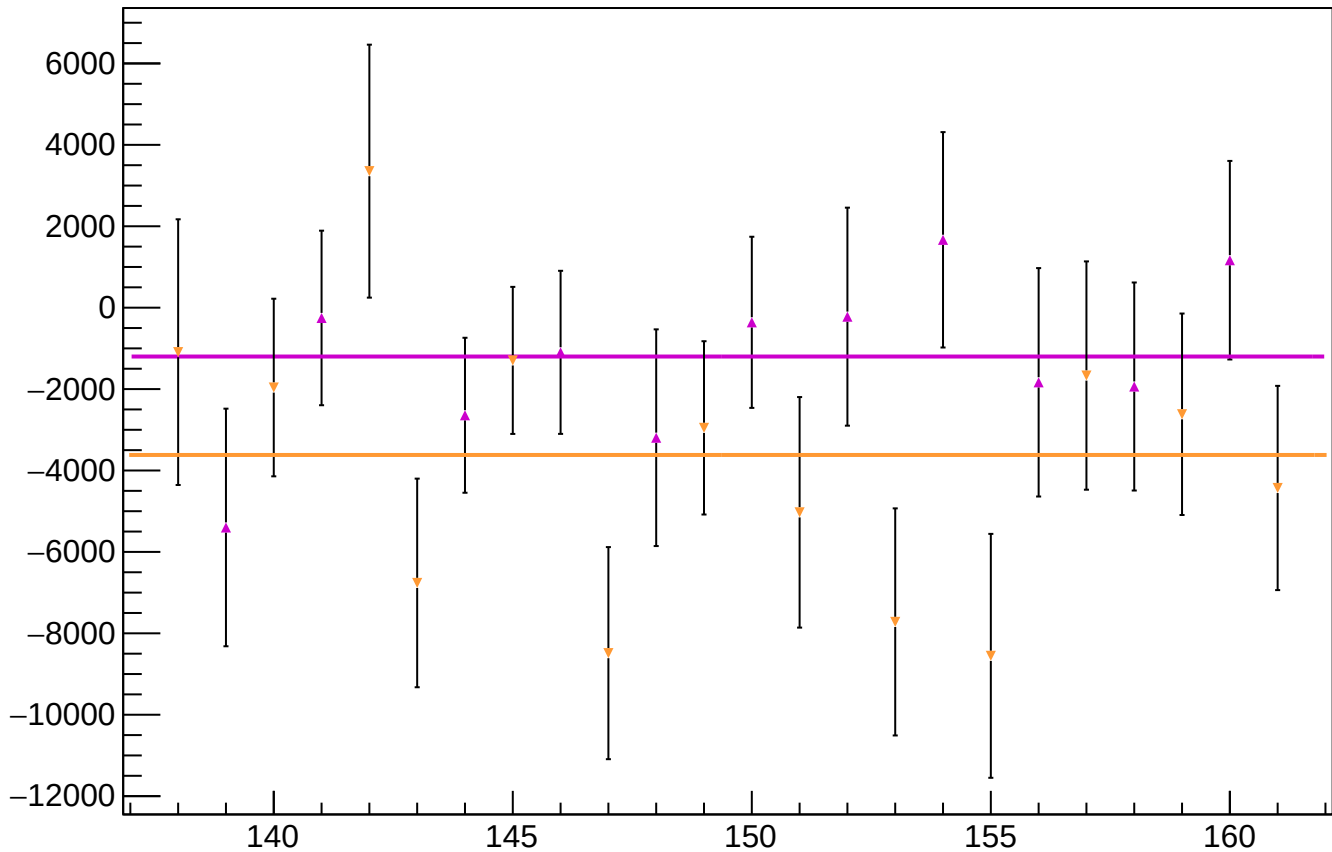
Left In: 295.544 $\pm$ 0.070 χ^2 /NDF: 42985.2/10

+ sign 282.105 $\pm$ 0.050 χ^2 /NDF: 984031.8/29

All: 279.026 $\pm$ 0.035 χ^2 /NDF: 1888481.2/59

- sign 276.025 $\pm$ 0.050 χ^2 /NDF: 897013.0/29

asym_sam4_correction_mean vs Slug



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

Left Out: -3618.254+/-698.705 χ^2/NDF :18.8/12

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

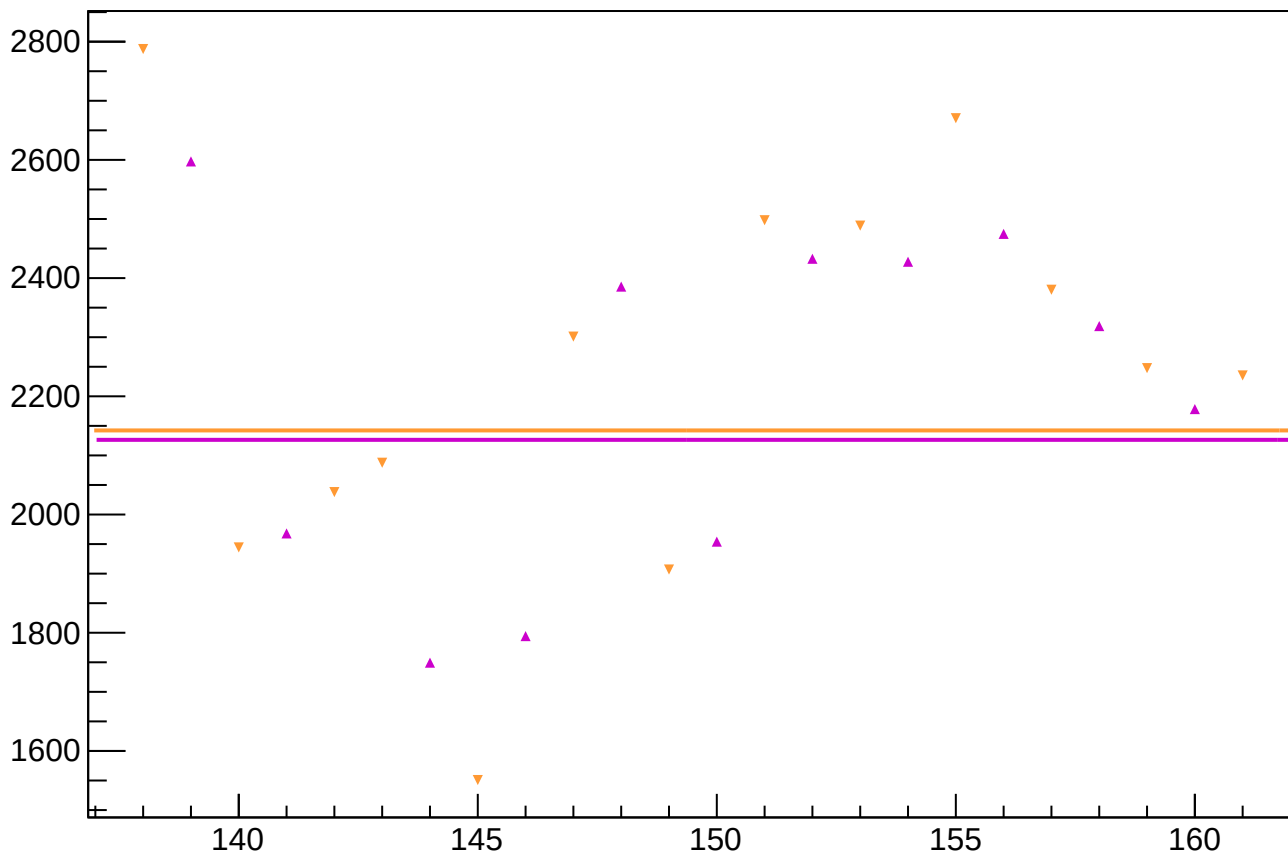
Left In: -1200.064+/-714.625 χ^2/NDF :5.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2436.394+/-499.593 χ^2/NDF : 30.6/23

- 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: 2142.290+/-0.494 χ^2/NDF : 489505.5/12

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

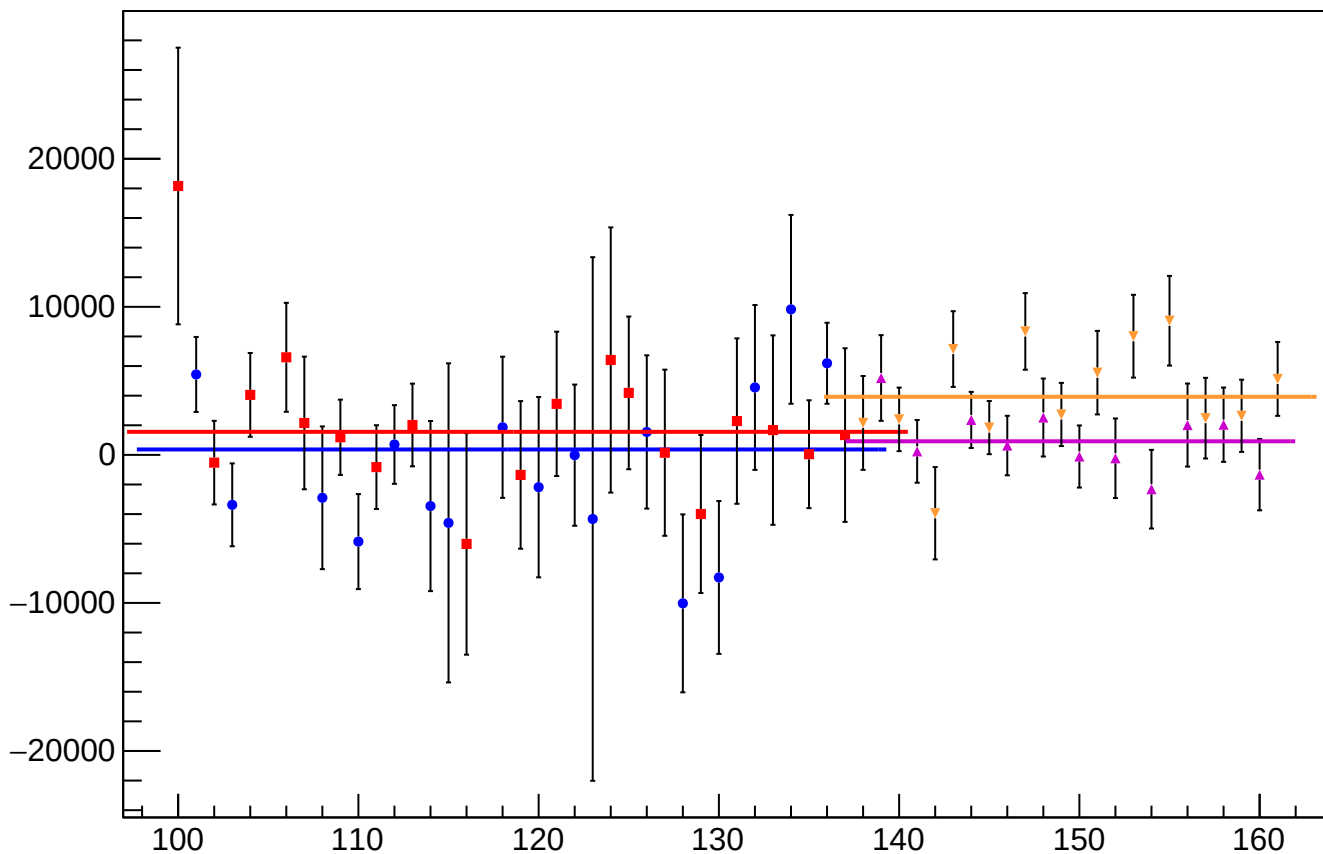
Left In: 2126.358+/-0.505 χ^2/NDF : 324020.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2134.503+/-0.353 χ^2/NDF : 814034.4/23

- 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: 3924.218 ± 693.774 χ^2/NDF : 19.5/12

Right Out: 1557.388 ± 924.003 χ^2/NDF : 10.5/18

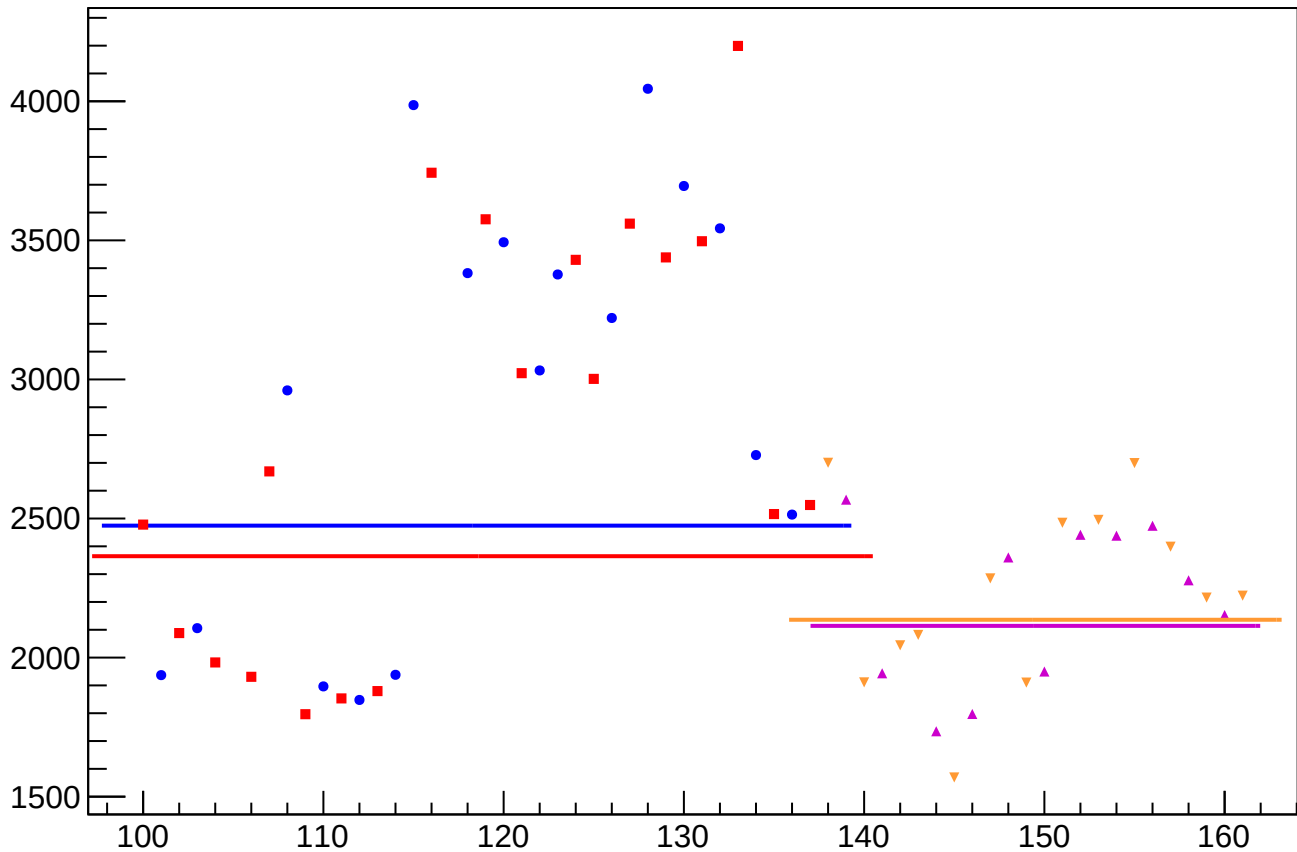
Left In: 918.483 ± 711.139 χ^2/NDF : 6.4/10

+ sign 2756.391 ± 568.621 χ^2/NDF : 52.3/29

All: 1949.114 ± 400.273 χ^2/NDF : 73.5/59

- sign 1156.149 ± 563.557 χ^2/NDF : 17.2/29

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2136.000+/-0.491 χ^2/NDF : 472349.0/12

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

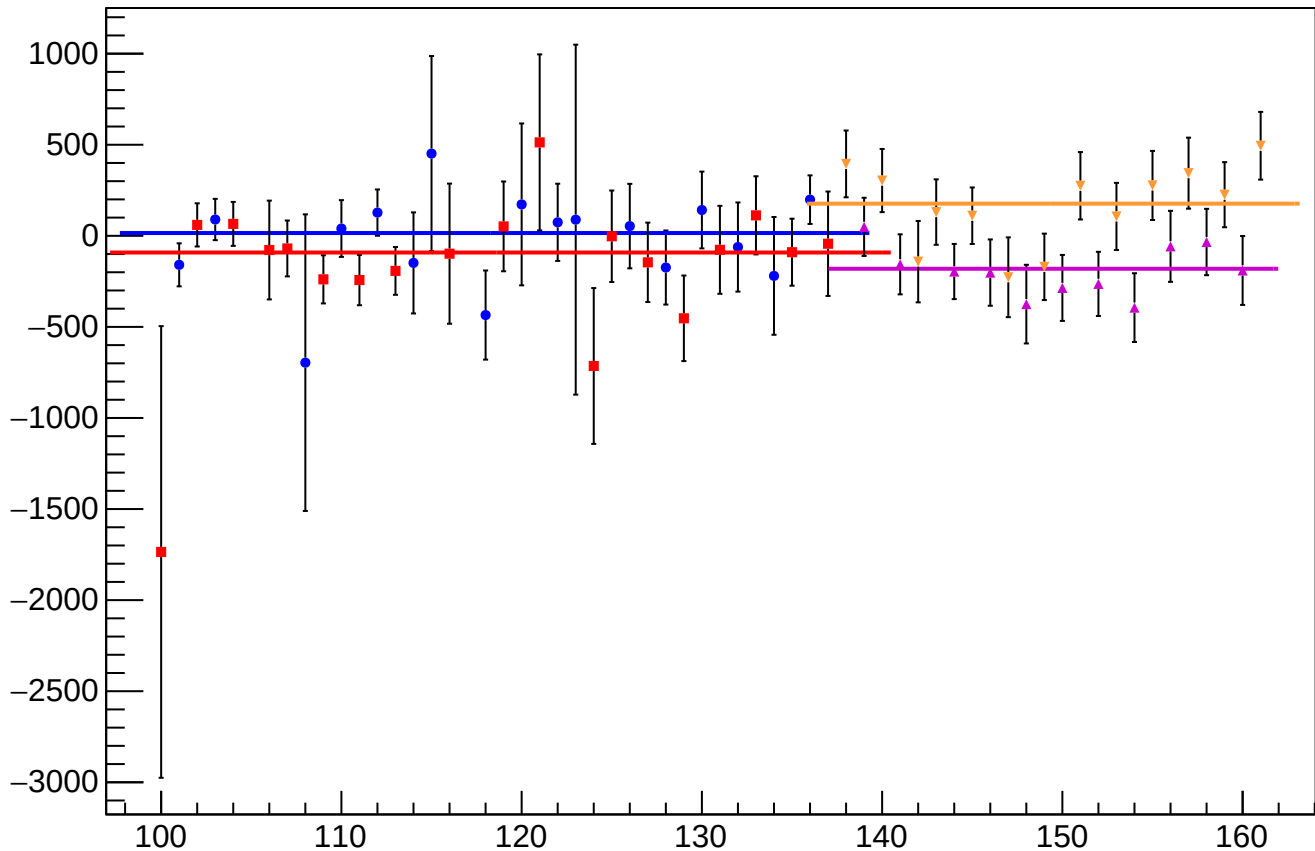
Left In: 2114.061+/-0.503 χ^2/NDF : 322925.5/10

+ sign 2247.075+/-0.402 χ^2/NDF : 1534791.9/29

All: 2226.971+/-0.283 χ^2/NDF : 2978350.2/59

- sign 2207.224+/-0.398 χ^2/NDF : 1438602.7/29

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Left Out: 176.595+/-51.328 χ^2/NDF : 15.7/12

Right Out: -91.634+/-43.318 χ^2/NDF : 15.7/18

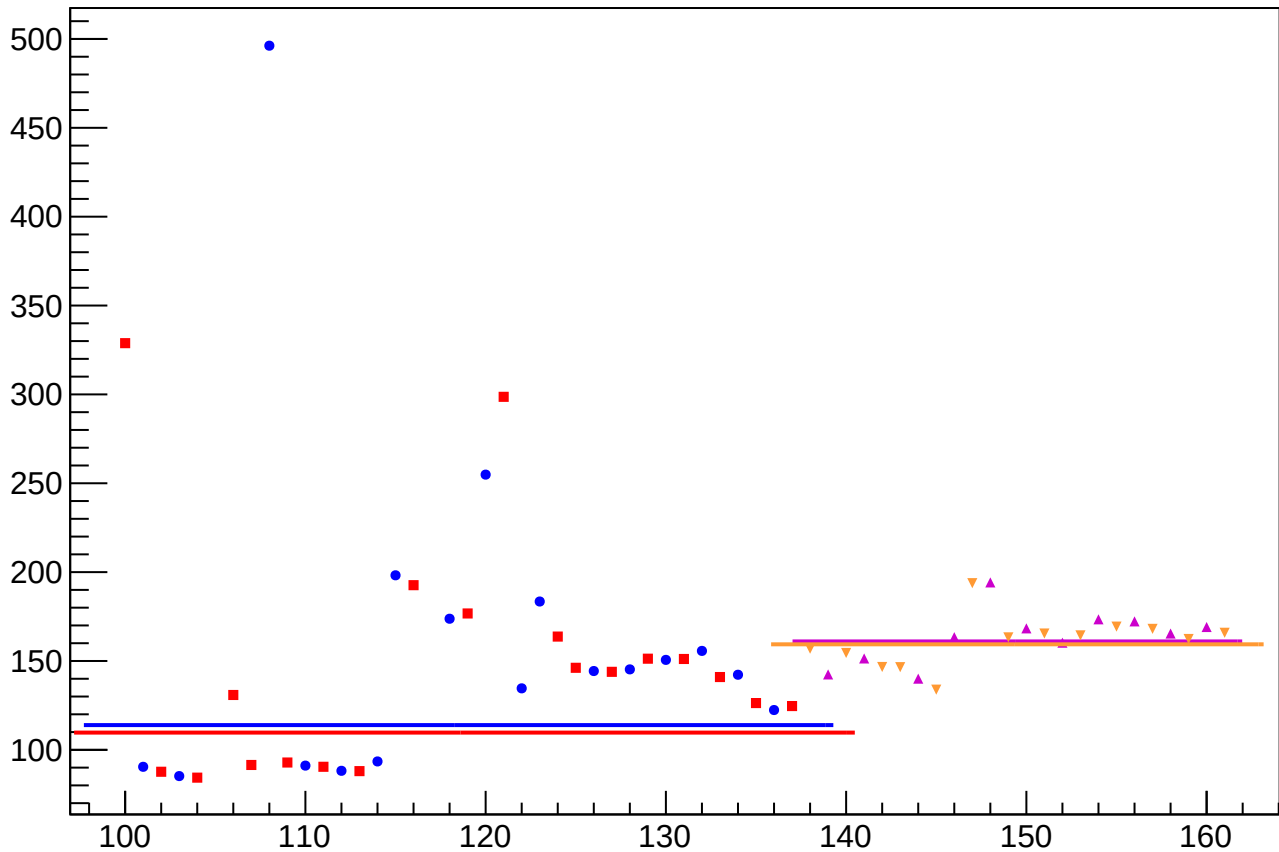
Left In: -180.866+/-53.731 χ^2/NDF : 5.8/10

+ sign 87.911+/-34.438 χ^2/NDF : 33.7/29

All: -21.689+/-24.095 χ^2/NDF : 76.7/59

- sign -126.785+/-33.723 χ^2/NDF : 23.1/29

dit_asym_sam5_rms vs Slug



Right In: 113.932 ± 0.033 χ^2/NDF : 1407849.3/16

Left Out: 159.381 ± 0.036 χ^2/NDF : 139145.4/12

Right Out: 109.709 ± 0.031 χ^2/NDF : 1242014.6/18

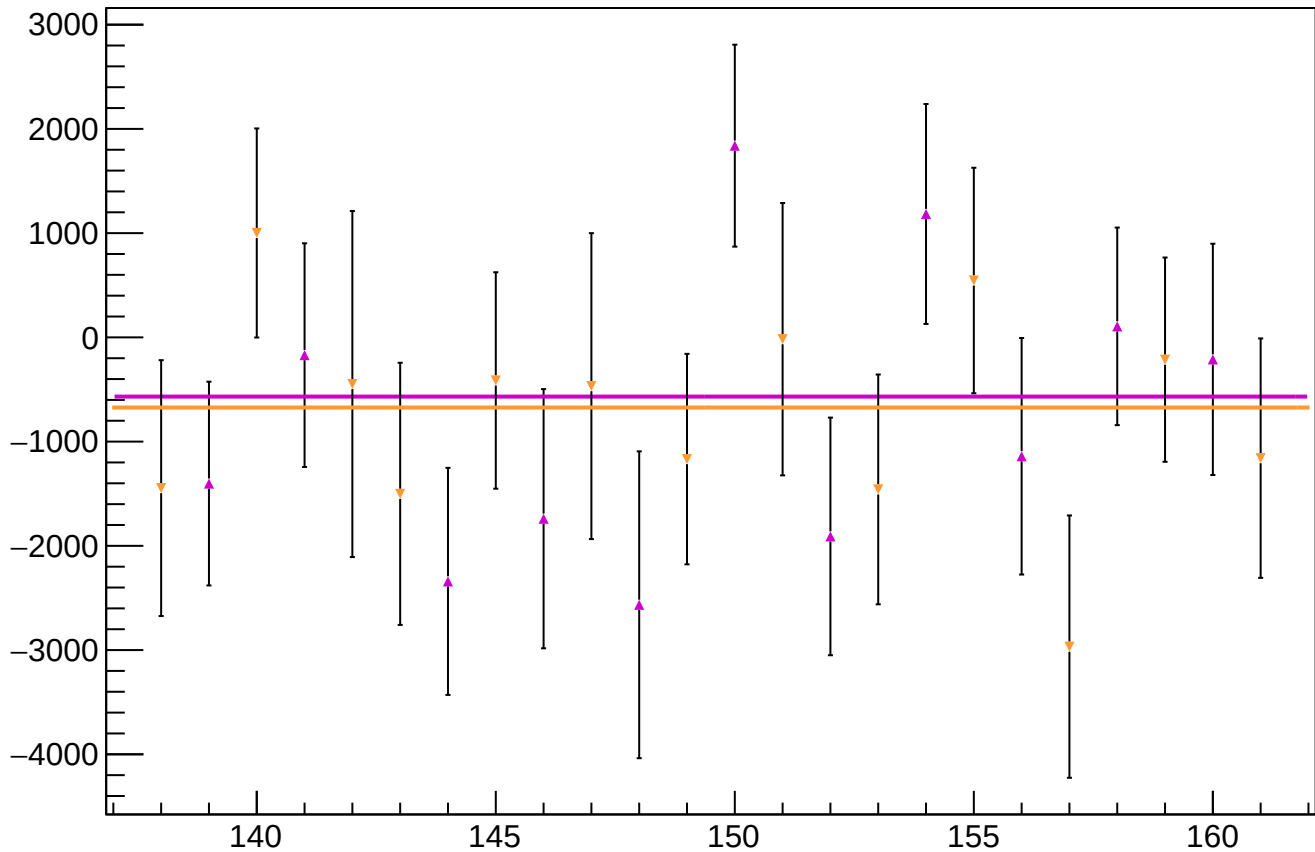
Left In: 161.007 ± 0.038 χ^2/NDF : 143258.9/10

+ sign 134.391 ± 0.024 χ^2/NDF : 2409181.5/29

All: 132.107 ± 0.017 χ^2/NDF : 4916527.1/59

- sign 129.917 ± 0.024 χ^2/NDF : 2490112.6/29

asym_sam5_correction_mean vs Slug



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

Left Out: -672.976 $\pm$ 320.749 χ^2 /NDF:9.7/12

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

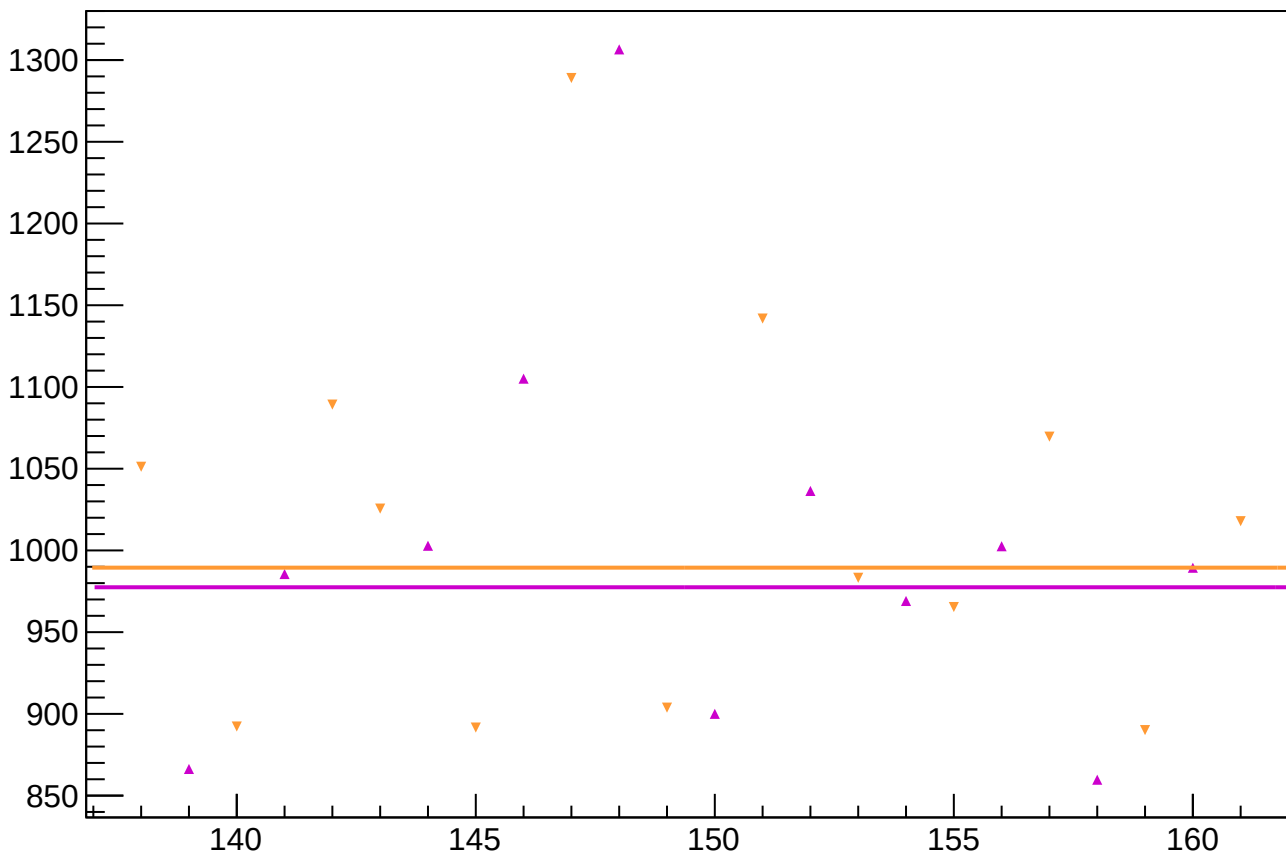
Left In: -568.179 $\pm$ 327.869 χ^2 /NDF:17.4/10

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

All: -621.728 $\pm$ 229.280 χ^2 /NDF: 27.2/23

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

asym_sam5_correction_rms vs Slug



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

Left Out: 989.462+/-0.227 χ^2/NDF : 206358.6/12

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

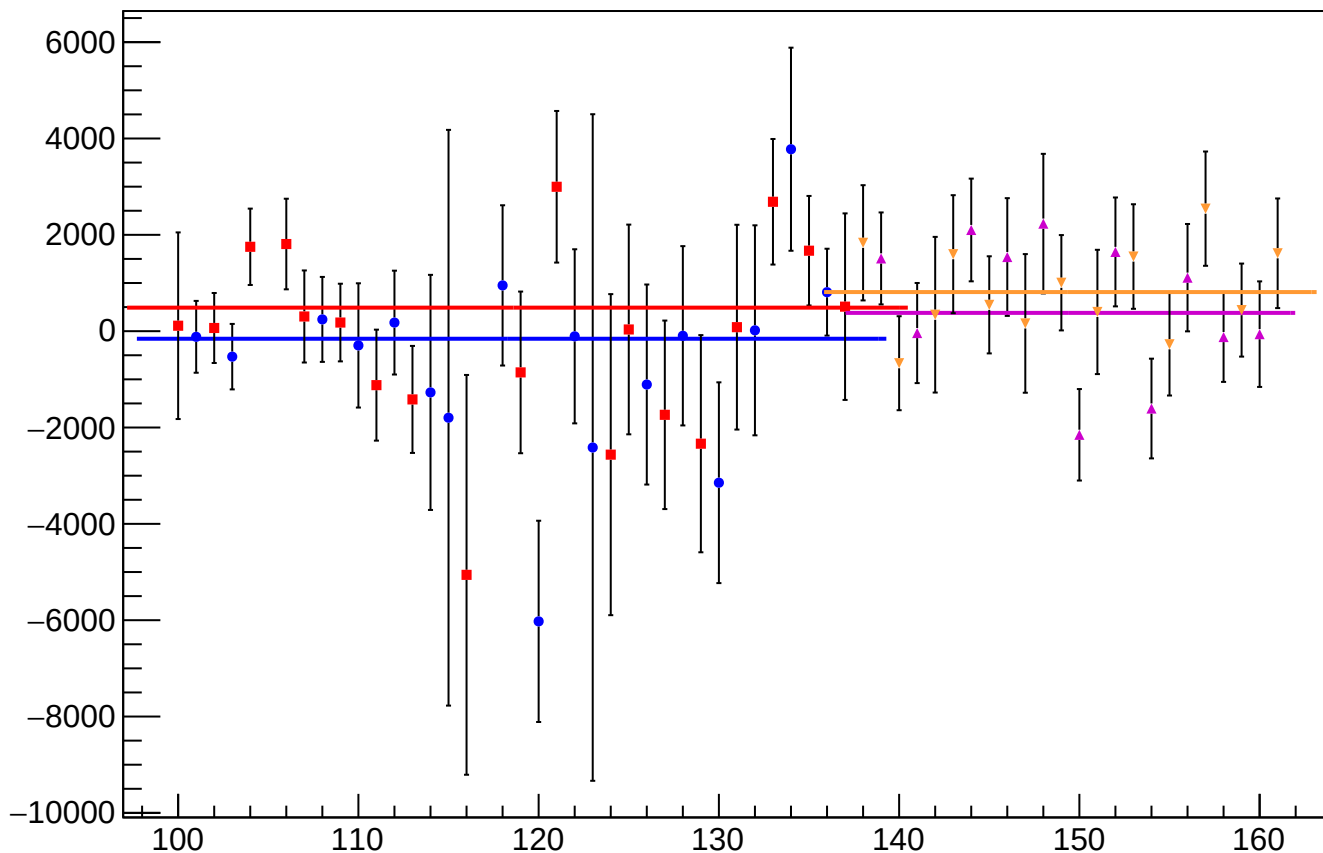
Left In: 977.464+/-0.232 χ^2/NDF : 198443.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.594+/-0.162 χ^2/NDF : 406170.2/23

- 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: 812.000 ± 313.498 χ^2/NDF : 8.2/12

Right Out: 488.583 ± 282.758 χ^2/NDF : 22.6/18

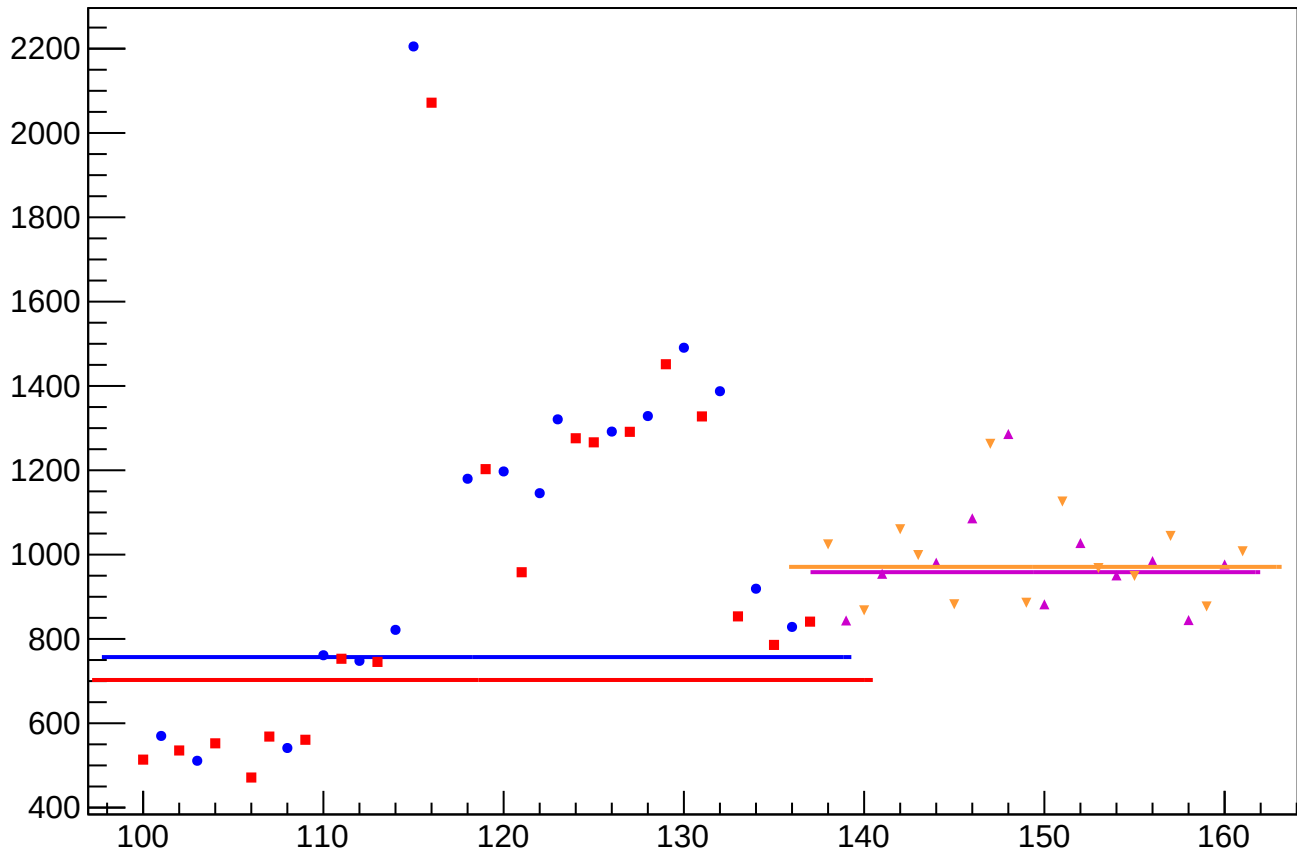
Left In: 379.768 ± 321.653 χ^2/NDF : 19.6/10

+ sign 325.865 ± 221.323 χ^2/NDF : 29.3/29

All: 385.886 ± 153.235 χ^2/NDF : 71.7/59

- sign 441.149 ± 212.368 χ^2/NDF : 42.3/29

asym_sam5_rms vs Slug



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 970.932 $\pm$ 0.222 χ^2 /NDF: 204350.8/12

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

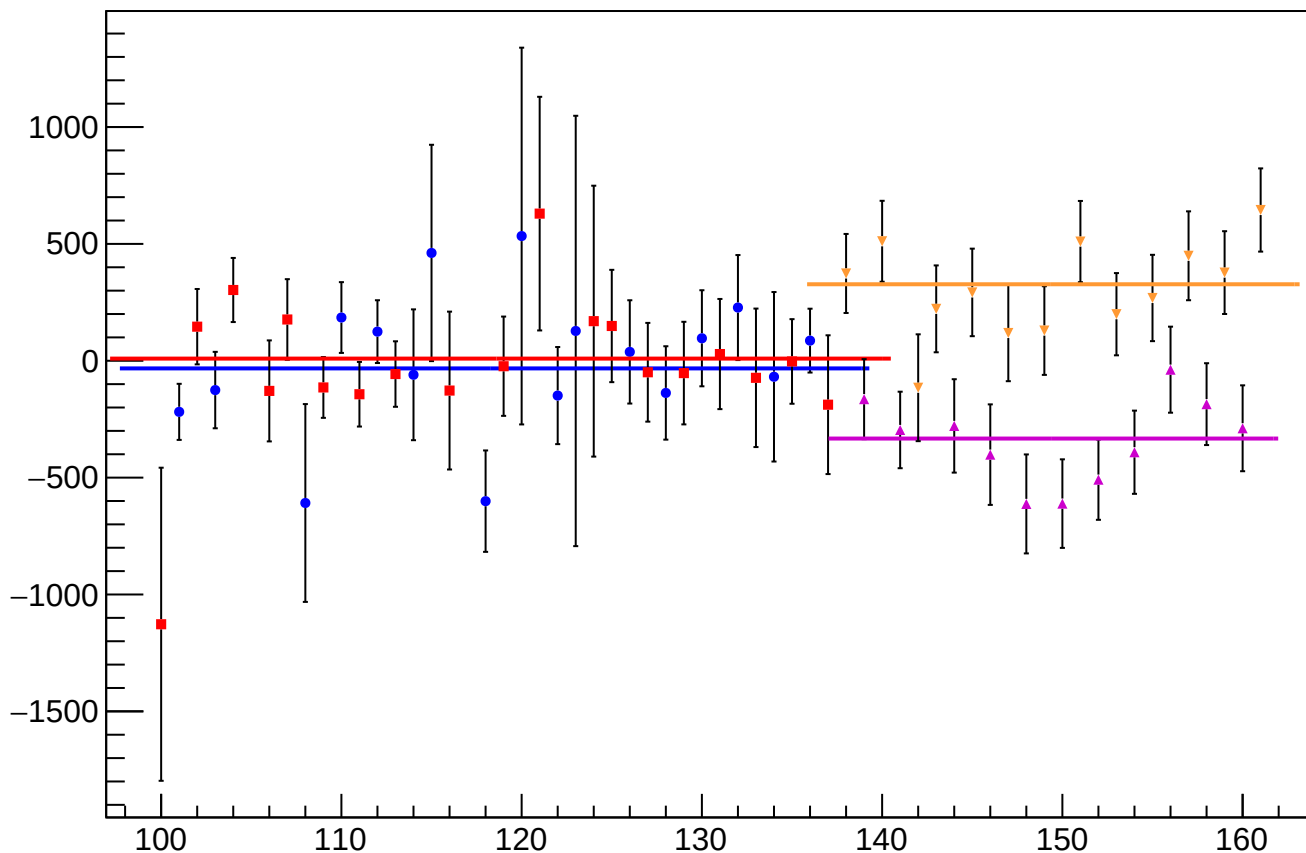
Left In: 958.383 $\pm$ 0.227 χ^2 /NDF: 205743.5/10

+ sign 863.617 $\pm$ 0.156 χ^2 /NDF: 2382860.5/29

All: 837.853 $\pm$ 0.108 χ^2 /NDF: 5043344.8/59

- sign 814.131 $\pm$ 0.150 χ^2 /NDF: 2608426.8/29

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 327.326 ± 51.160 χ^2/NDF : 12.8/12

Right Out: 9.277 ± 45.600 χ^2/NDF : 14.7/18

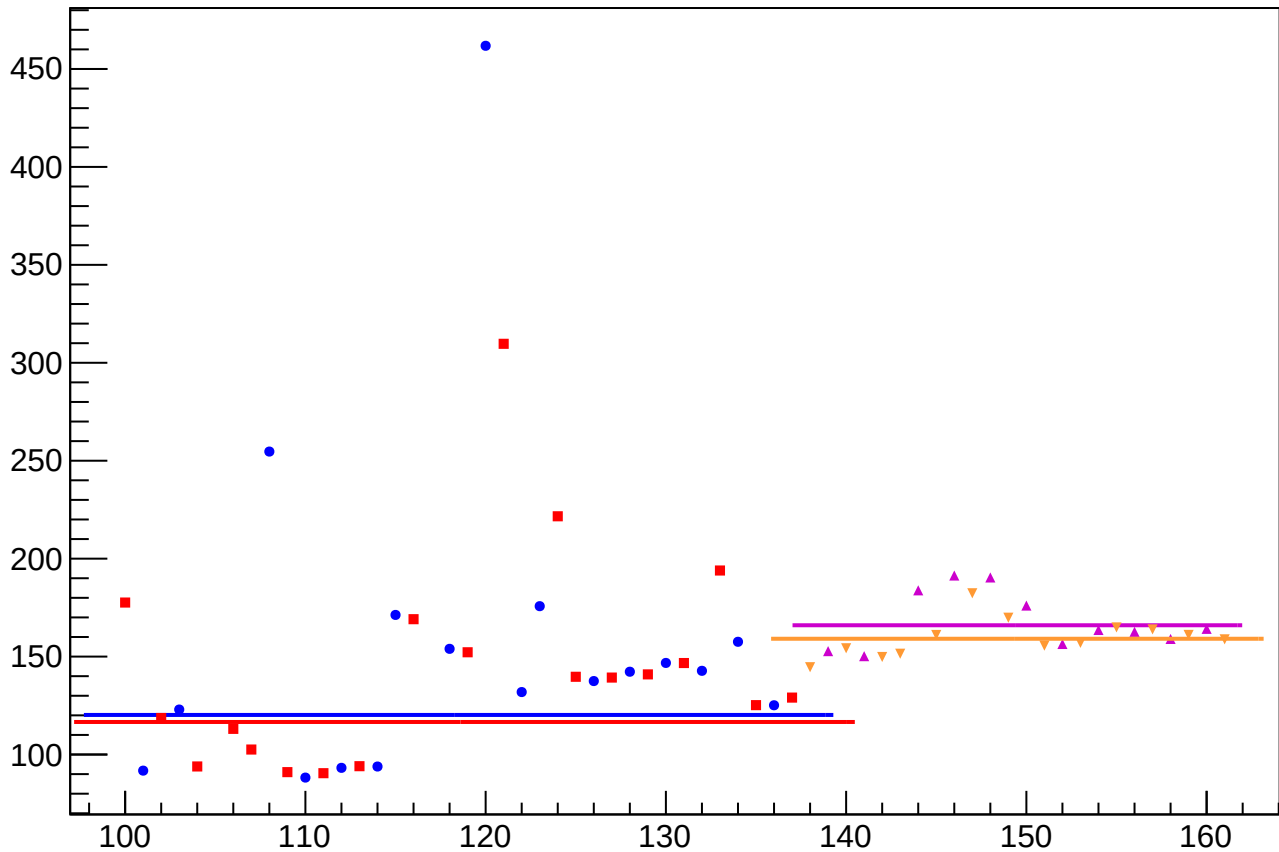
Left In: -332.800 ± 55.430 χ^2/NDF : 9.6/10

+ sign 137.460 ± 35.171 χ^2/NDF : 58.7/29

All: 4.502 ± 24.885 χ^2/NDF : 134.3/59

- sign -128.788 ± 35.215 χ^2/NDF : 47.0/29

dit_asym_sam6_rms vs Slug



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 159.106 $\pm$ 0.036 χ^2 /NDF: 59629.1/12

Right Out: 116.618 $\pm$ 0.032 χ^2 /NDF: 997956.6/18

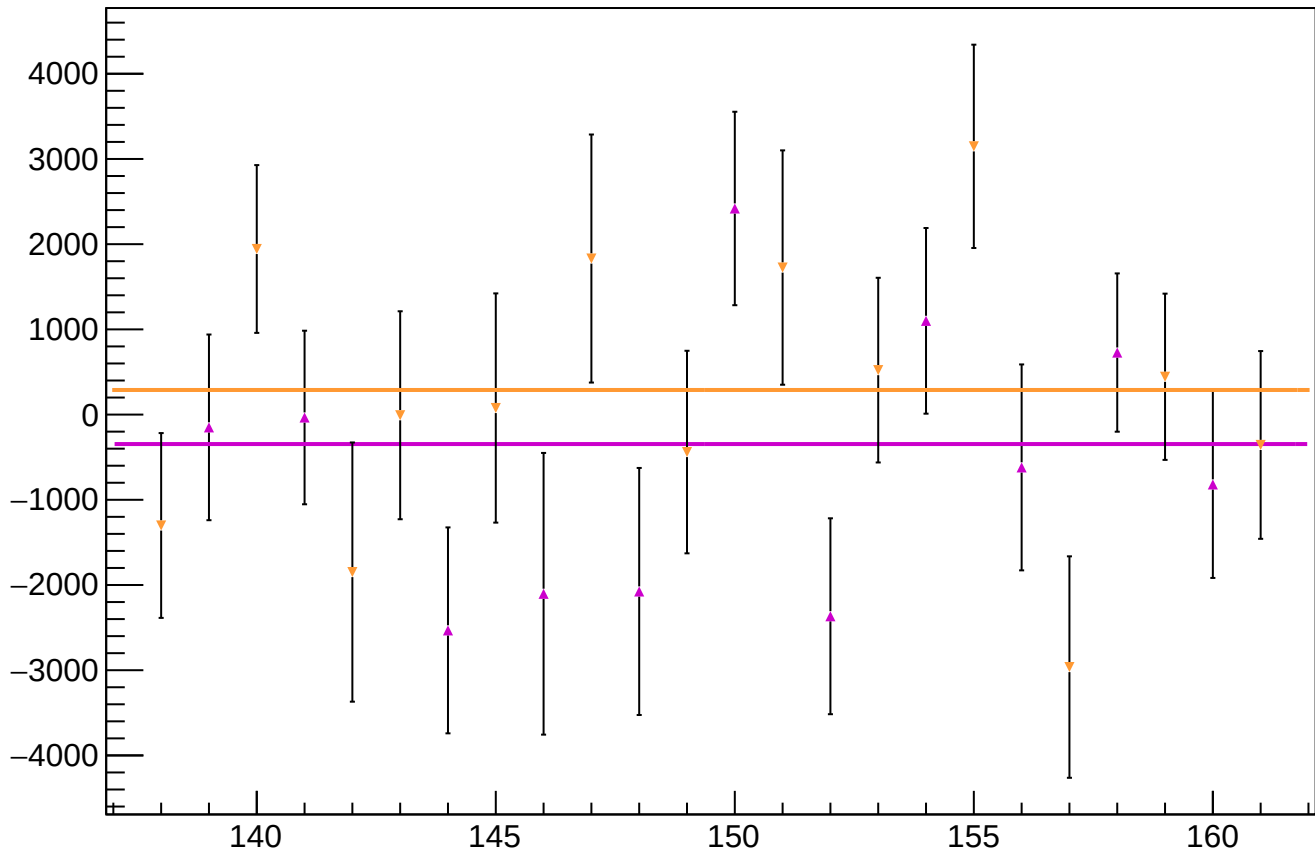
Left In: 165.996 $\pm$ 0.039 χ^2 /NDF: 117097.1/10

+ sign 138.592 $\pm$ 0.025 χ^2 /NDF: 1731751.8/29

All: 137.571 $\pm$ 0.018 χ^2 /NDF: 3796696.6/59

- sign 136.547 $\pm$ 0.025 χ^2 /NDF: 2061570.5/29

asym_sam6_correction_mean vs Slug



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

Left Out: 288.846+/-328.495 χ^2/NDF : 22.0/12

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

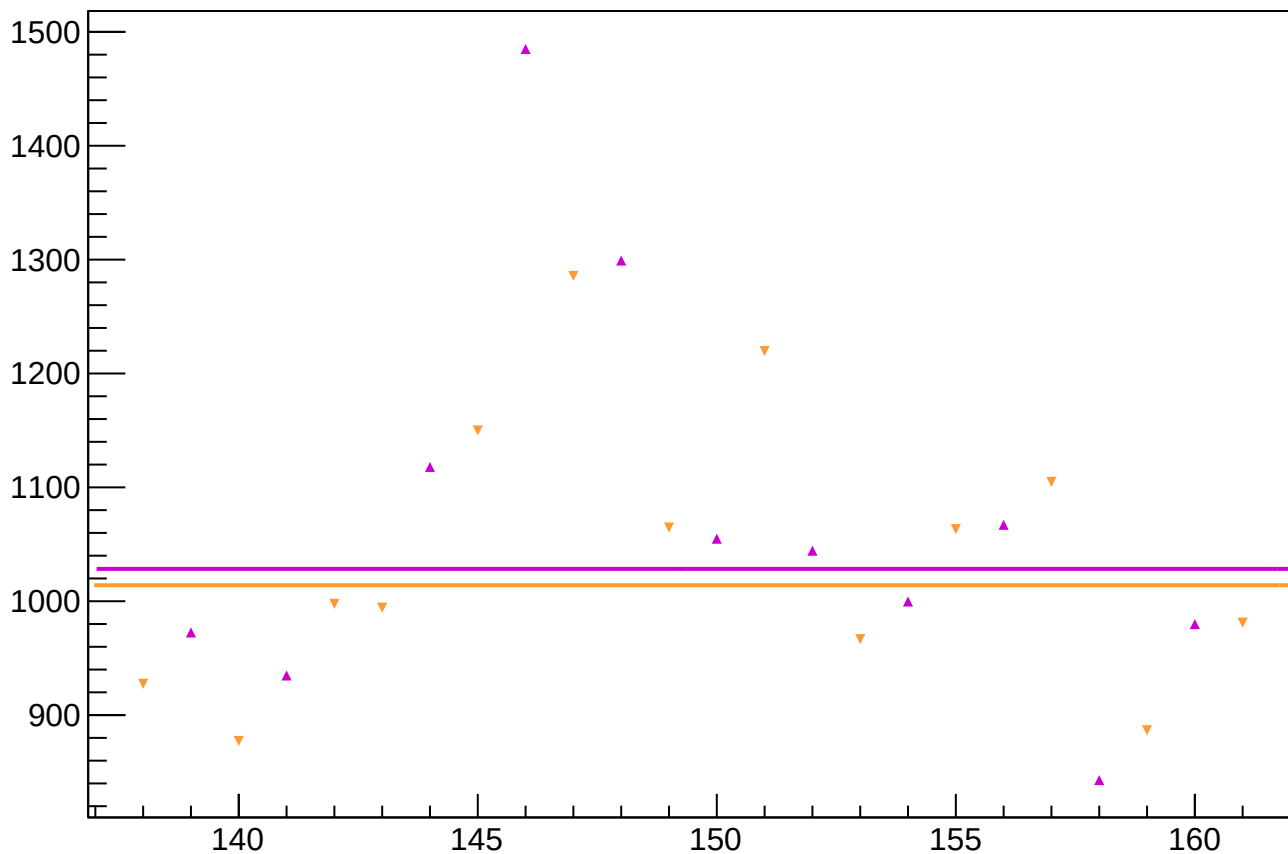
Left In: -345.773+/-345.406 χ^2/NDF : 18.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.548+/-238.035 χ^2/NDF : 42.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug



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

Left Out: 1014.055+/-0.232 χ^2/NDF :243404.2/12

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

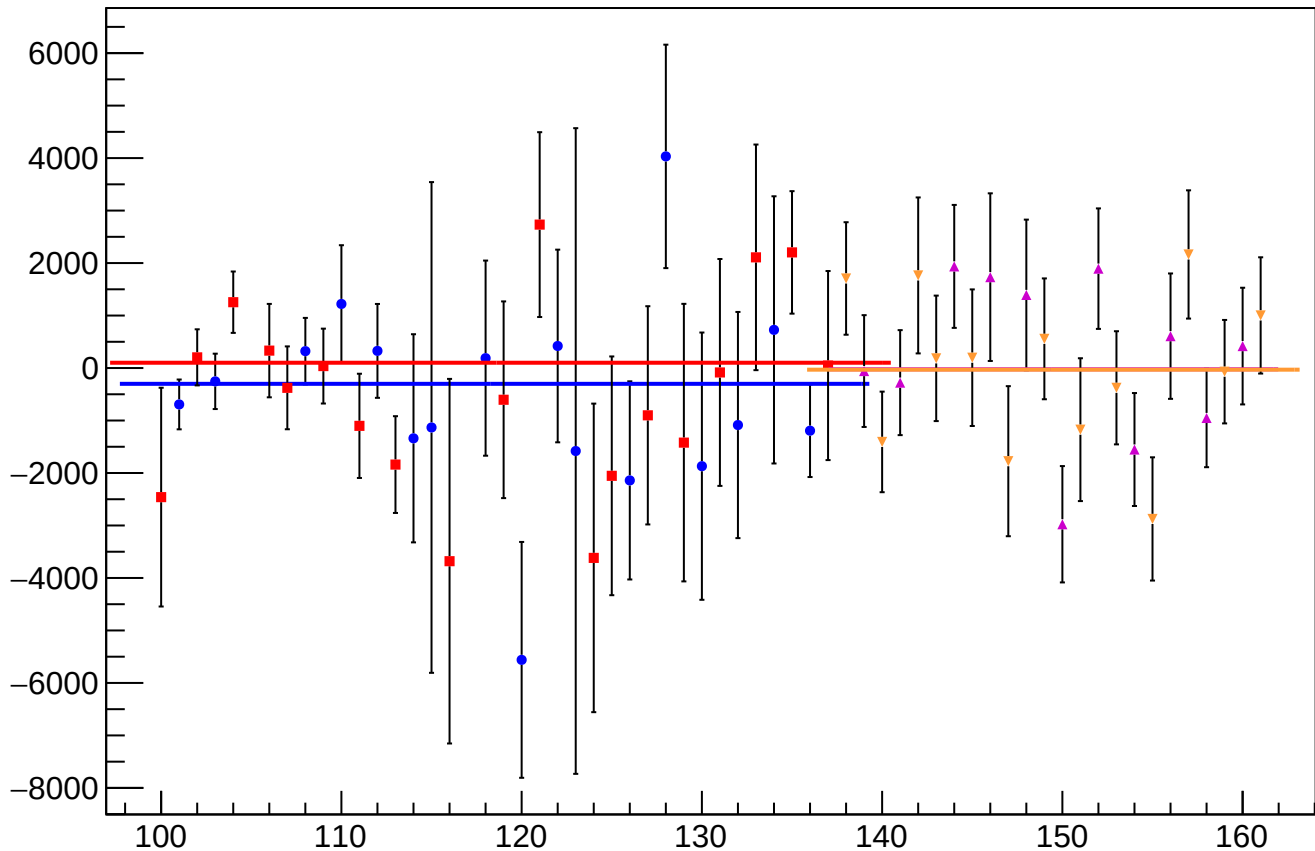
Left In: 1028.410+/-0.244 χ^2/NDF :344007.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.872+/-0.168 χ^2/NDF : 589226.0/23

- 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: -31.408 ± 322.960 χ^2/NDF : 18.7/12

Right Out: 100.857 ± 245.981 χ^2/NDF : 22.5/18

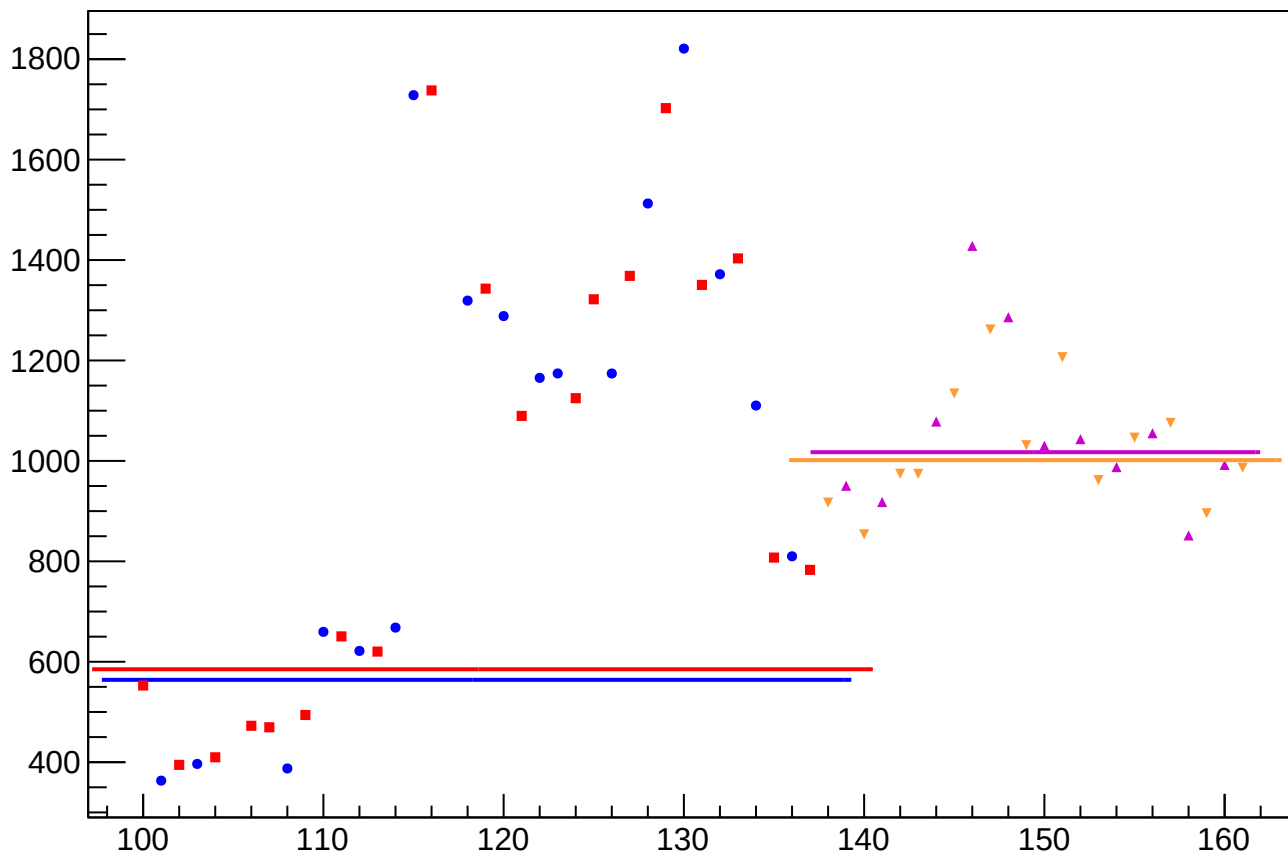
Left In: -24.075 ± 341.591 χ^2/NDF : 18.4/10

+ sign -199.965 ± 197.712 χ^2/NDF : 36.0/29

All: -72.119 ± 140.470 χ^2/NDF : 77.8/59

- sign 58.196 ± 199.612 χ^2/NDF : 41.0/29

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1001.485 $\pm$ 0.228 χ^2 /NDF: 231939.3/12

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

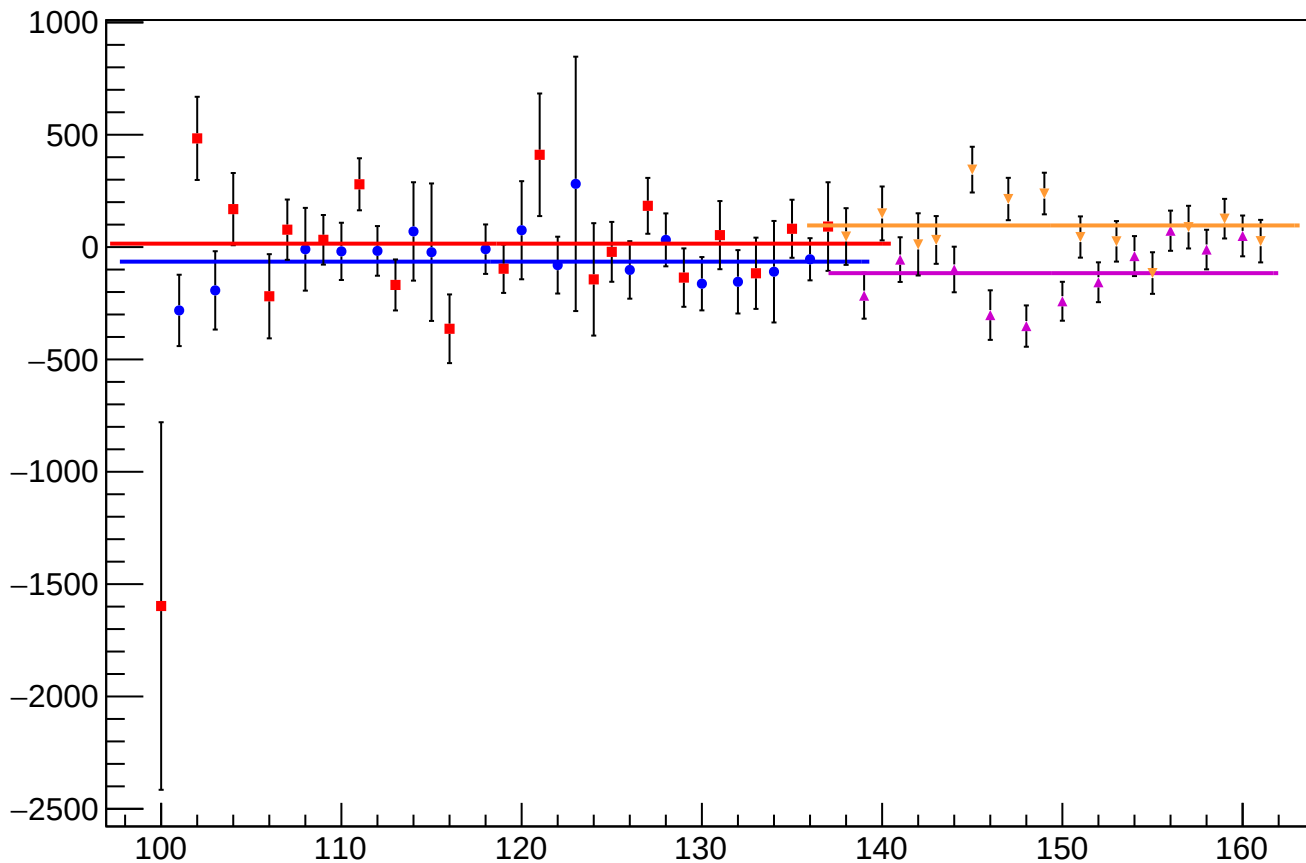
Left In: 1017.371 $\pm$ 0.242 χ^2 /NDF: 303768.8/10

+ sign 727.959 $\pm$ 0.140 χ^2 /NDF: 5787935.2/29

All: 730.302 $\pm$ 0.099 χ^2 /NDF: 11022526.5/59

- sign 732.691 $\pm$ 0.141 χ^2 /NDF: 5234024.1/29

dit_asym_sam7_mean vs Slug



Right In: -64.797 $\pm$ 34.629 χ^2 /NDF: 6.2/16

Left Out: 96.306 $\pm$ 27.647 χ^2 /NDF:17.8/12

Right Out: 15.294 $\pm$ 33.422 χ^2 /NDF: 35.0/18

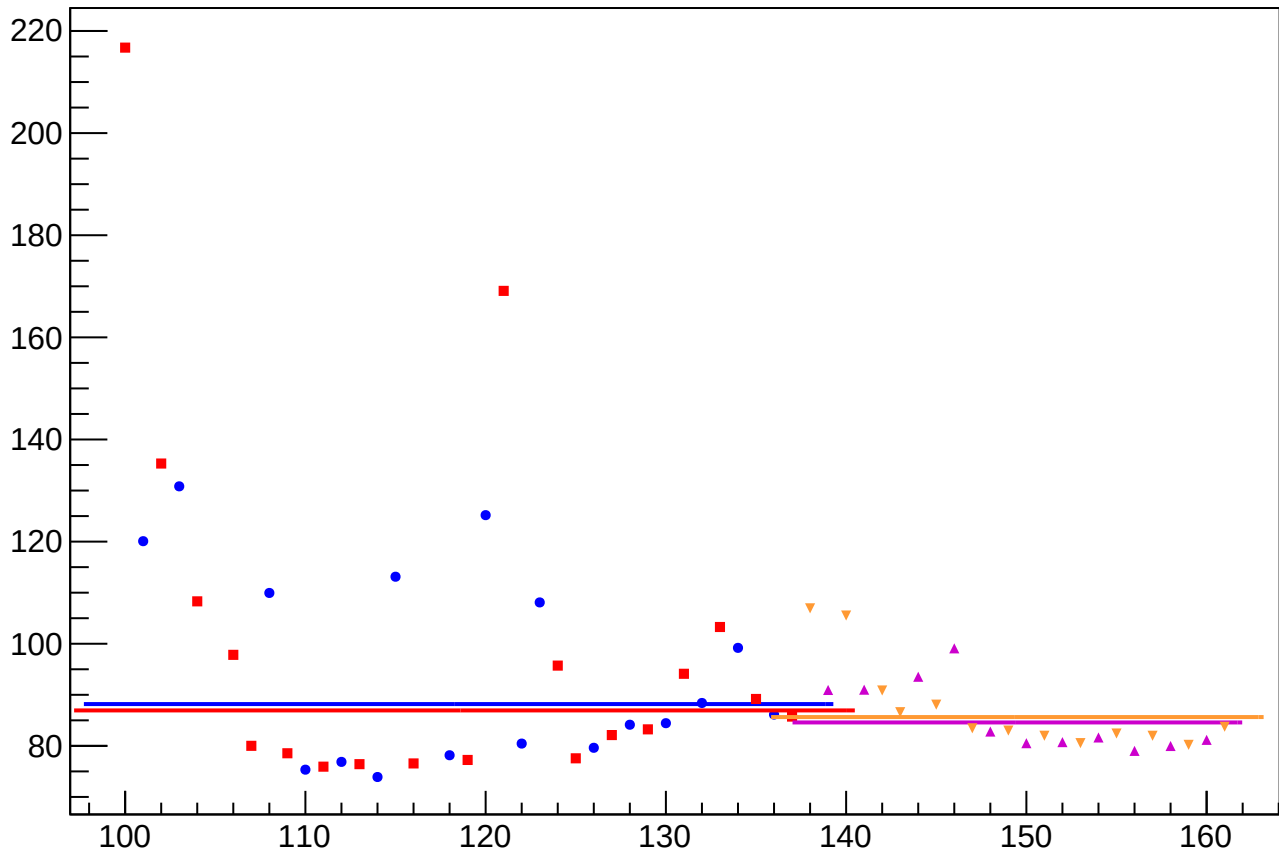
Left In: -116.014 $\pm$ 28.214 χ^2 /NDF:23.0/10

+ sign 33.592 $\pm$ 21.606 χ^2 /NDF: 37.2/29

All: -13.996 $\pm$ 15.261 χ^2 /NDF: 113.9/59

- sign -61.377 $\pm$ 21.559 χ^2 /NDF: 67.0/29

dit_asym_sam7_rms vs Slug



Right In: 88.186 ± 0.024 $\chi^2/\text{NDF}: 394447.7/16$

Left Out: 85.643 ± 0.020 $\chi^2/\text{NDF}: 142219.5/12$

Right Out: 86.943 ± 0.024 $\chi^2/\text{NDF}: 531359.9/18$

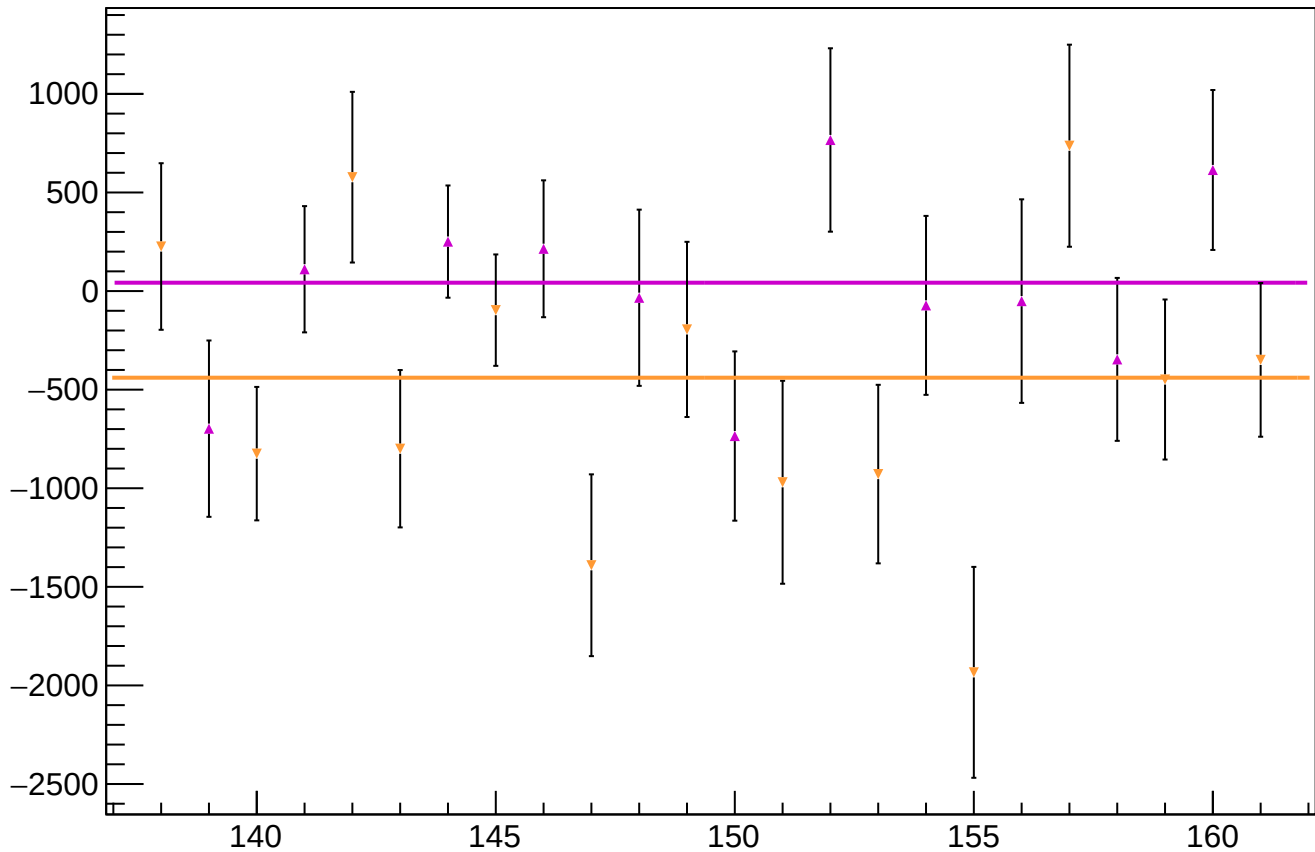
Left In: 84.588 ± 0.020 $\chi^2/\text{NDF}: 93376.6/10$

+ sign 86.633 ± 0.015 $\chi^2/\text{NDF}: 543256.9/29$

All: 86.099 ± 0.011 $\chi^2/\text{NDF}: 1176227.3/59$

- sign 85.568 ± 0.015 $\chi^2/\text{NDF}: 630535.5/29$

asym_sam7_correction_mean vs Slug



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

Left Out: -439.346+/-114.057 χ^2/NDF : 31.5/12

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

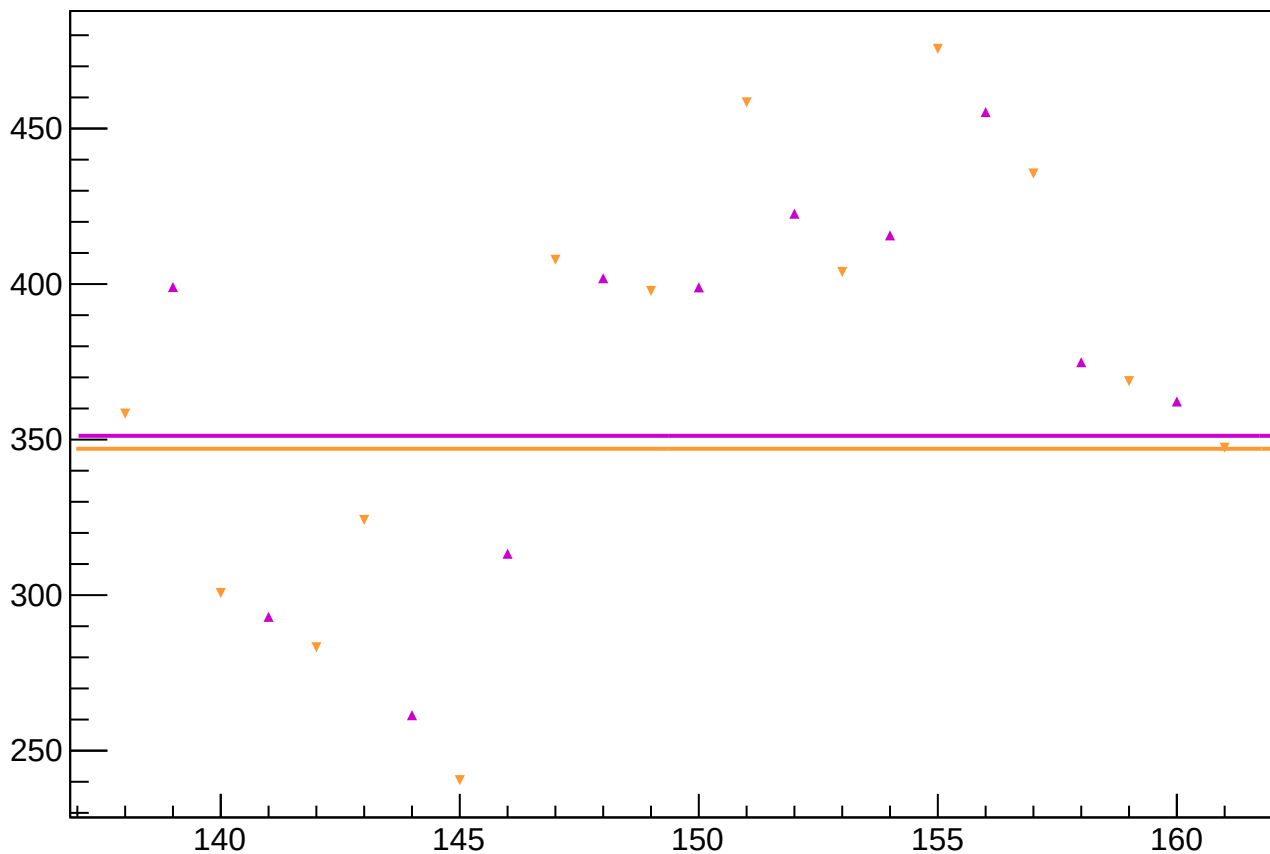
Left In: 42.423+/-118.671 χ^2/NDF : 12.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.009+/-82.233 χ^2/NDF : 52.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug



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

Left Out: 347.058 $\pm$ 0.081 χ^2/NDF :740385.4/12

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

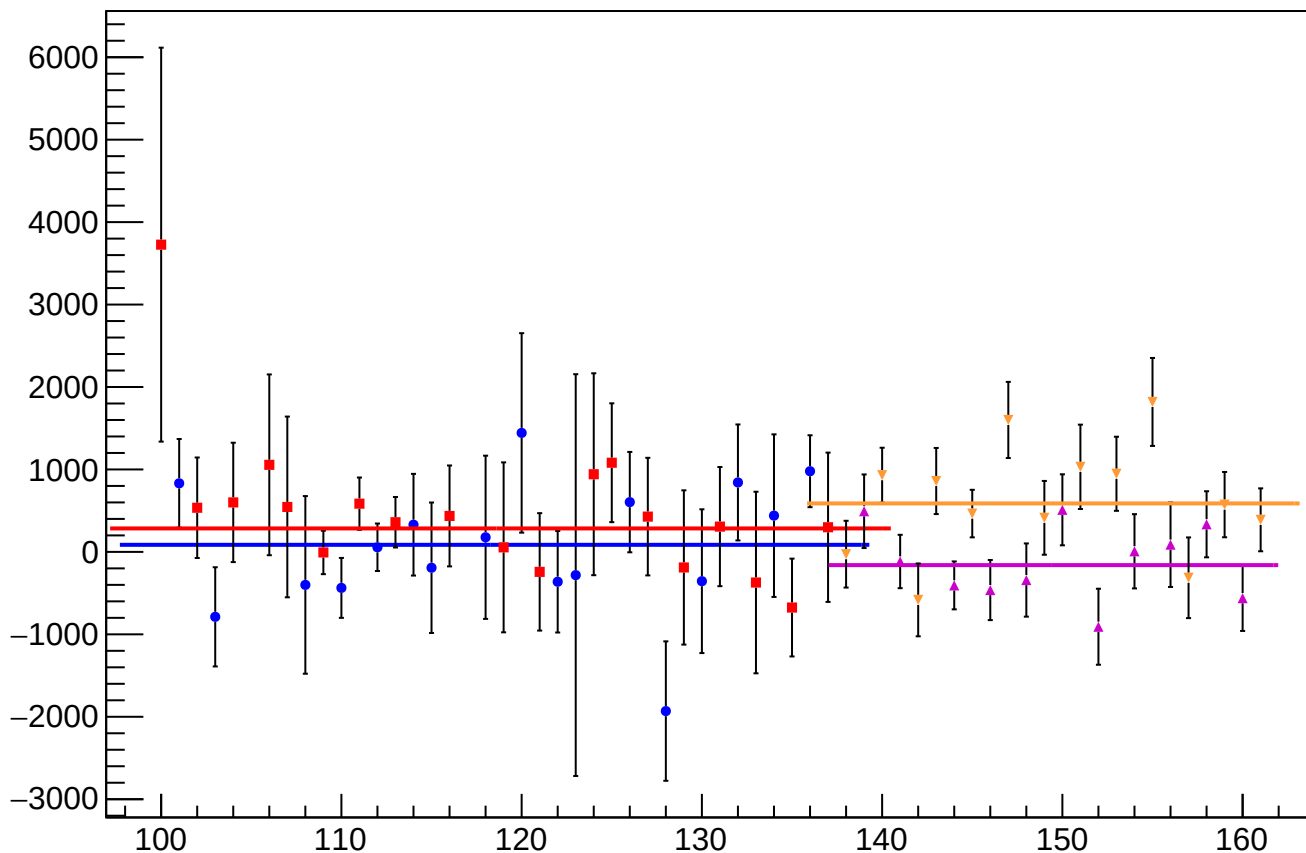
Left In: 351.224 $\pm$ 0.084 χ^2/NDF :539286.0/10

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

All: 349.058 $\pm$ 0.058 χ^2/NDF : 1280952.1/23

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

asym_sam7_mean vs Slug



Right In: 85.810 ± 142.601 χ^2/NDF : 20.6/16

Left Out: 587.937 ± 113.315 χ^2/NDF : 26.4/12

Right Out: 284.456 ± 129.599 χ^2/NDF : 10.6/18

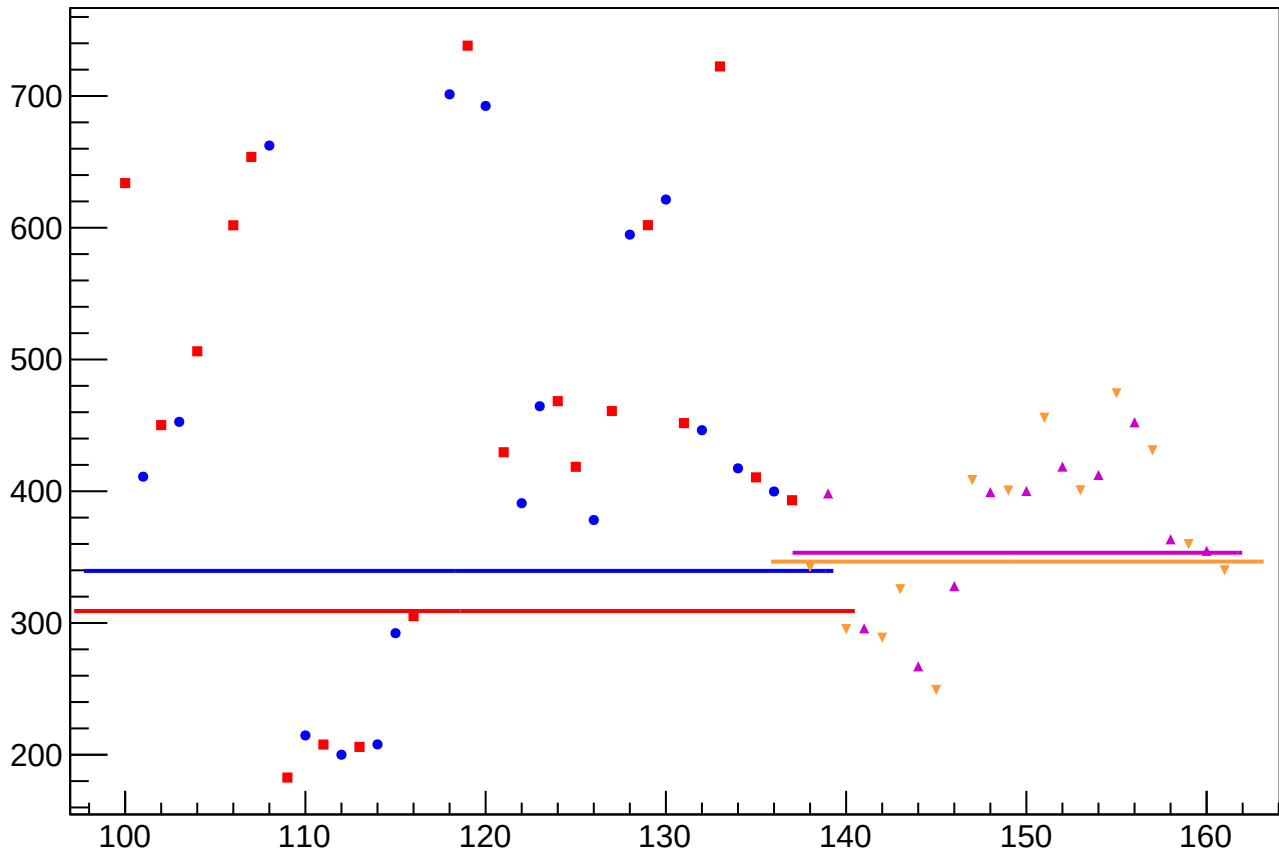
Left In: -160.365 ± 119.192 χ^2/NDF : 11.7/10

+ sign 393.592 ± 88.716 χ^2/NDF : 54.5/29

All: 216.576 ± 62.380 χ^2/NDF : 91.1/59

- sign 43.471 ± 87.730 χ^2/NDF : 28.7/29

asym_sam7_rms vs Slug



Right In: 339.553 $\pm$ 0.101 χ^2 /NDF: 2042244.1/16

Left Out: 346.618 $\pm$ 0.080 χ^2 /NDF: 677725.0/12

Right Out: 309.105 $\pm$ 0.092 χ^2 /NDF: 2730308.7/18

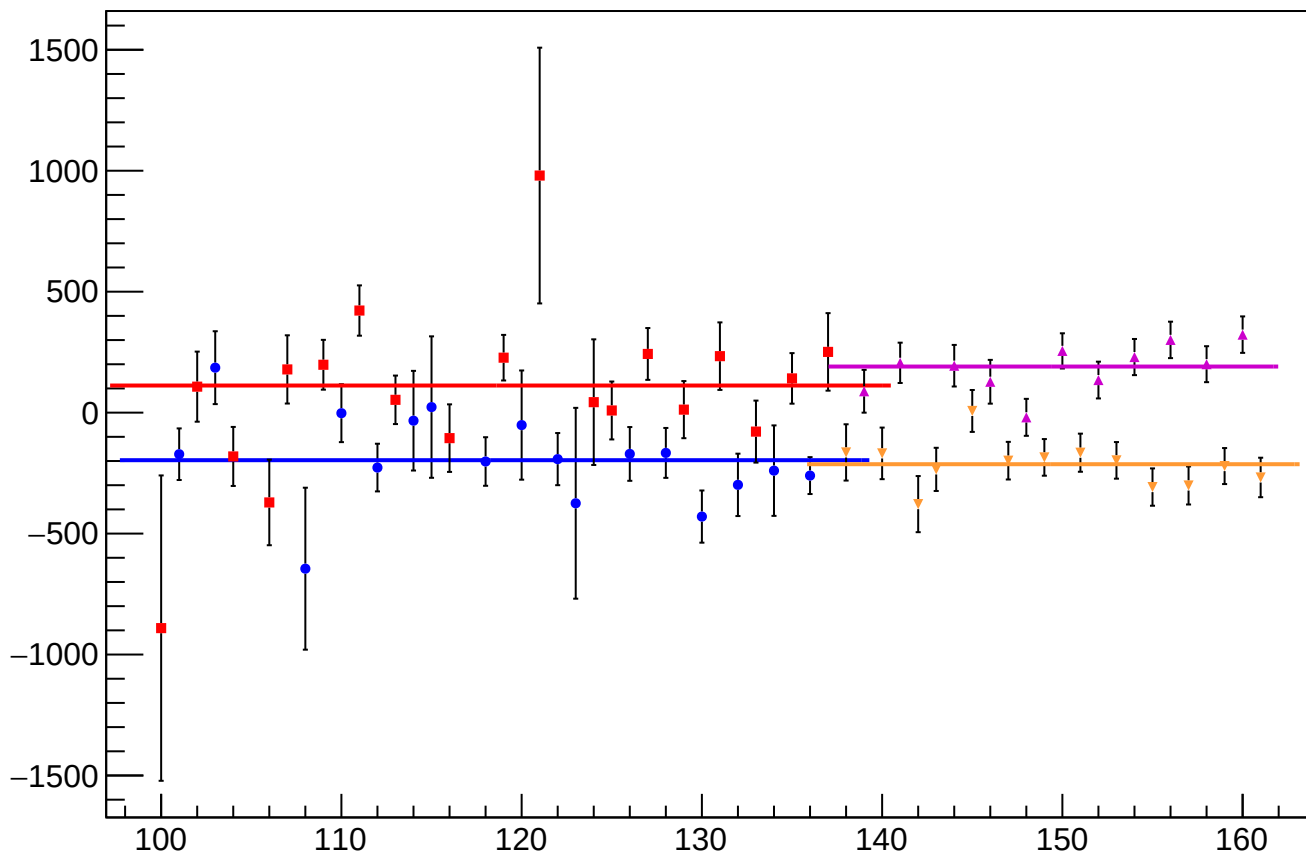
Left In: 353.333 $\pm$ 0.084 χ^2 /NDF: 464468.2/10

+ sign 343.883 $\pm$ 0.063 χ^2 /NDF: 2722978.6/29

All: 338.414 $\pm$ 0.044 χ^2 /NDF: 6058980.5/59

- sign 333.066 $\pm$ 0.062 χ^2 /NDF: 3320968.2/29

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -213.185 ± 23.373 χ^2/NDF : 12.7/12

Right Out: 112.097 ± 29.622 χ^2/NDF : 39.3/18

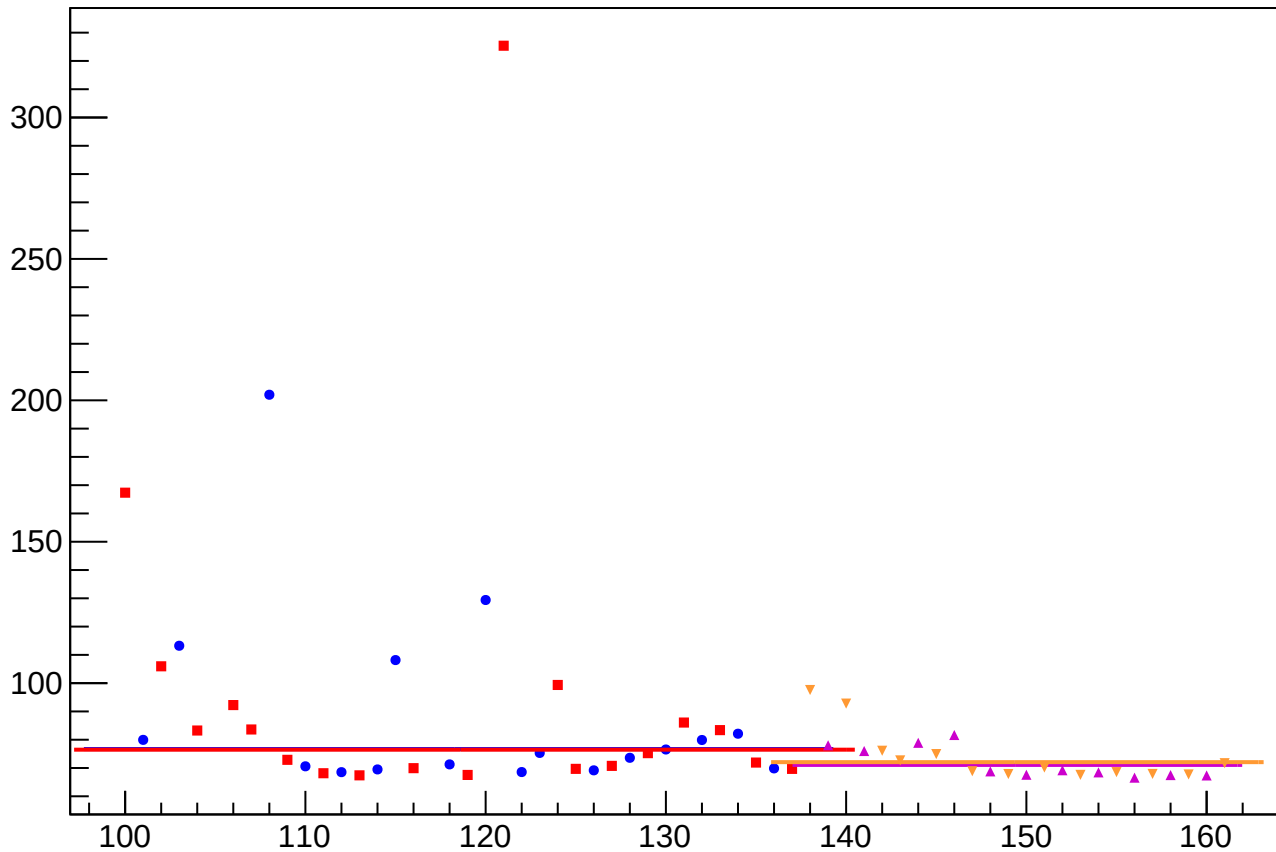
Left In: 190.544 ± 23.735 χ^2/NDF : 16.2/10

+ sign -207.023 ± 18.529 χ^2/NDF : 31.9/29

All: -23.506 ± 13.100 χ^2/NDF : 287.8/59

- sign 159.872 ± 18.522 χ^2/NDF : 59.8/29

dit_asym_sam8_rms vs Slug



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 72.072 $\pm$ 0.017 χ^2 /NDF: 210660.6/12

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

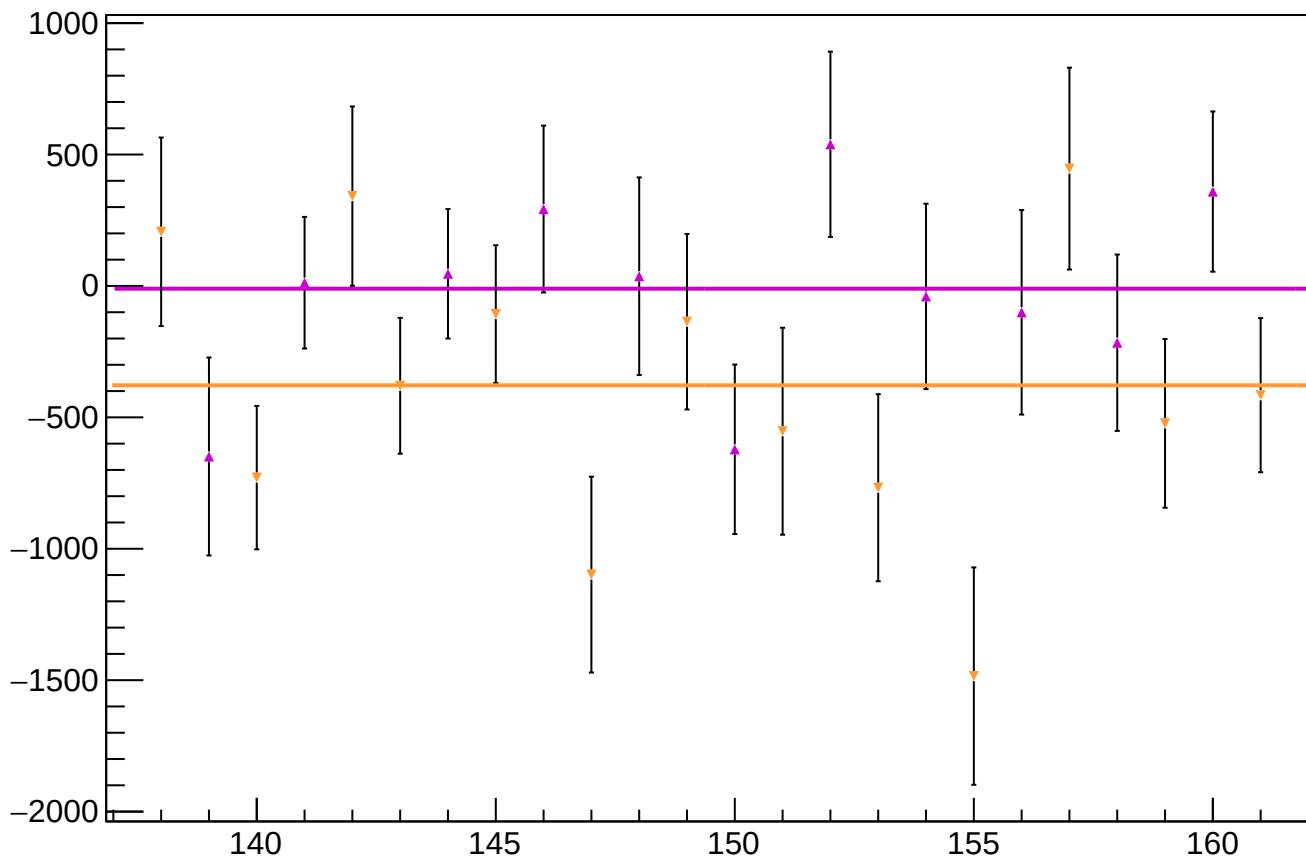
Left In: 71.094 $\pm$ 0.017 χ^2 /NDF: 89961.8/10

+ sign 73.788 $\pm$ 0.013 χ^2 /NDF: 840048.4/29

All: 73.494 $\pm$ 0.009 χ^2 /NDF: 1670636.1/59

- sign 73.199 $\pm$ 0.013 χ^2 /NDF: 829577.3/29

asym_sam8_correction_mean vs Slug



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

Left Out: -378.123 $\pm$ 89.866 χ^2 /NDF:27.5/12

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

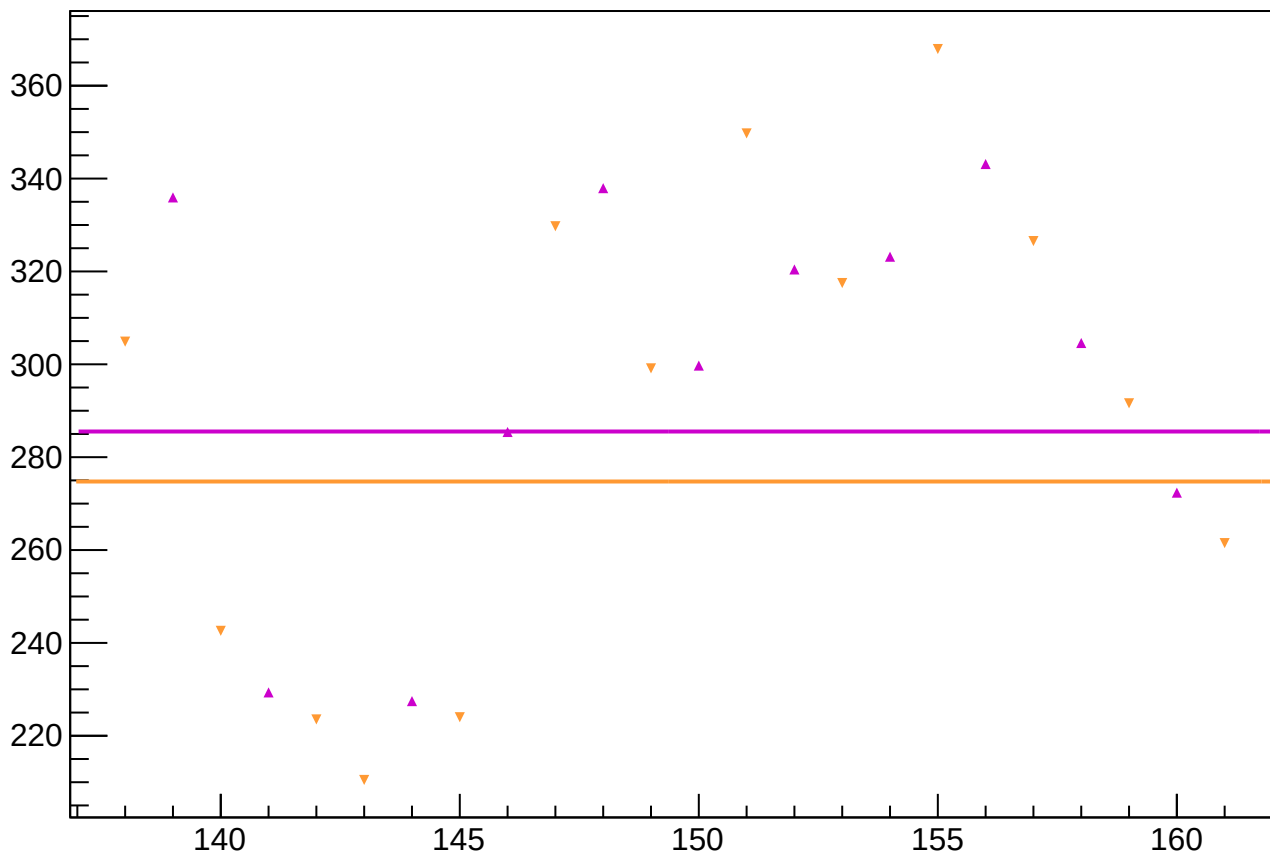
Left In: -10.403 $\pm$ 96.028 χ^2 /NDF:11.8/10

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

All: -206.438 $\pm$ 65.615 χ^2 /NDF: 47.1/23

- 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: 274.762+/-0.064 χ^2/NDF : 588768.5/12

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

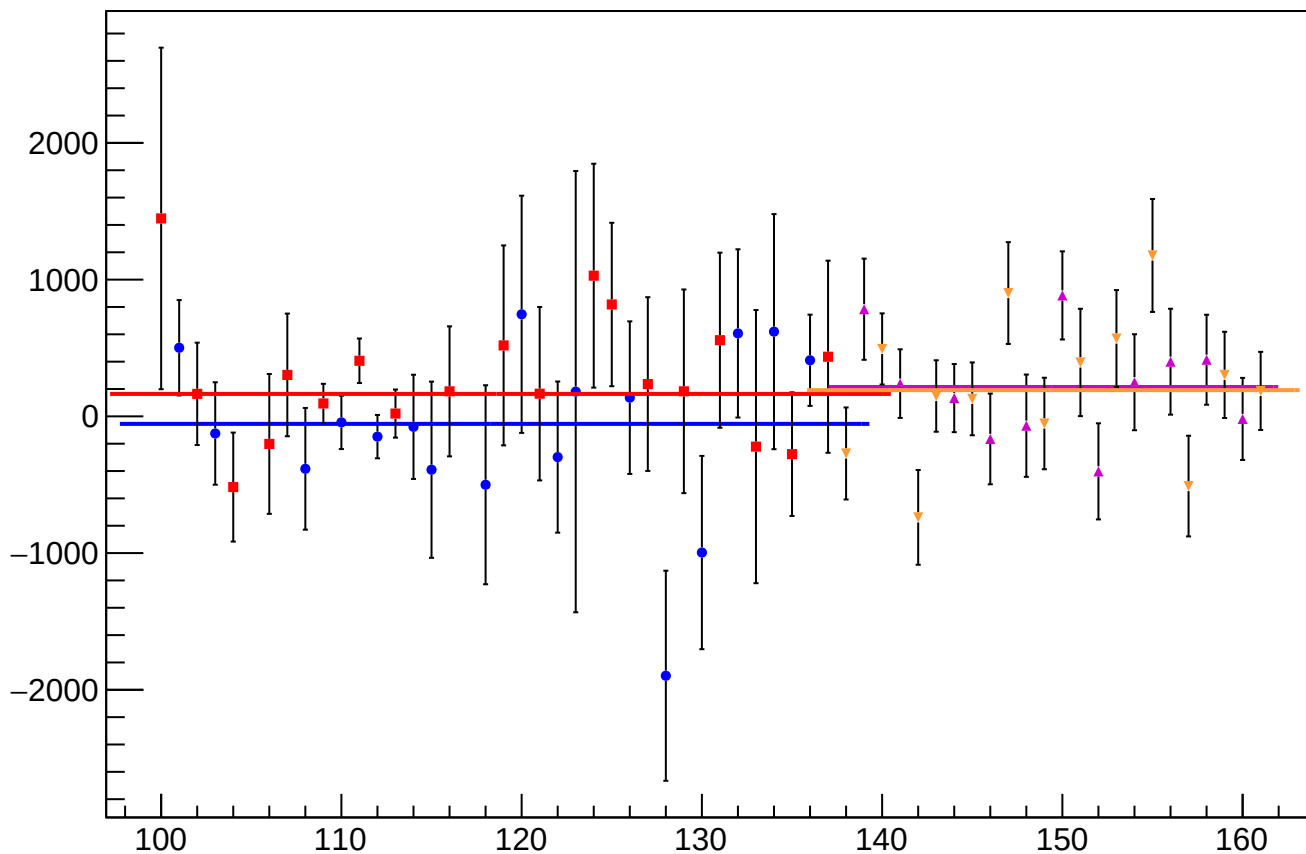
Left In: 285.528+/-0.068 χ^2/NDF : 386866.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.788+/-0.046 χ^2/NDF : 989039.0/23

- 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: 191.672 ± 88.802 χ^2/NDF : 25.5/12

Right Out: 164.141 ± 76.903 χ^2/NDF : 11.9/18

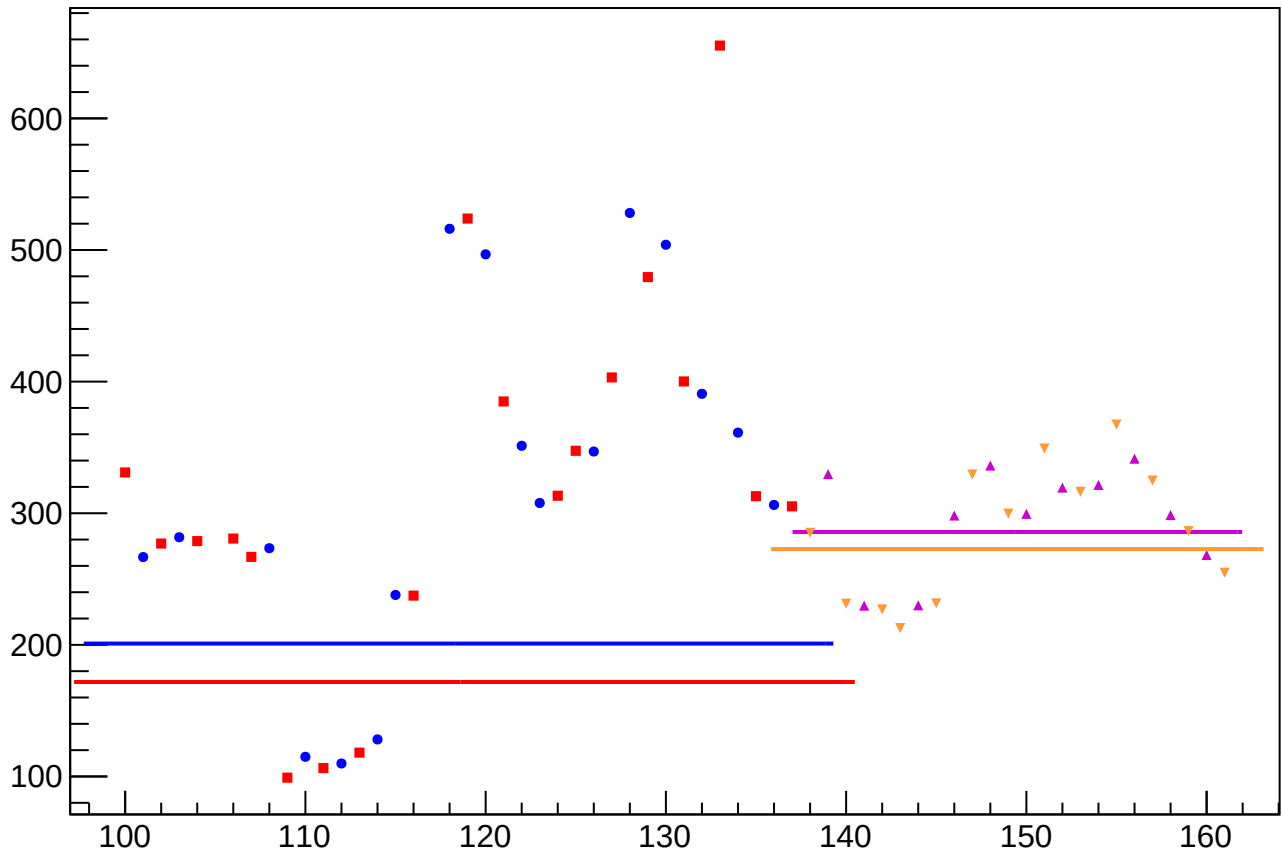
Left In: 214.592 ± 96.069 χ^2/NDF : 13.0/10

+ sign 70.507 ± 63.335 χ^2/NDF : 45.9/29

All: 130.203 ± 43.572 χ^2/NDF : 72.6/59

- sign 183.844 ± 60.037 χ^2/NDF : 25.0/29

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 272.760+/-0.063 χ^2/NDF : 563635.4/12

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

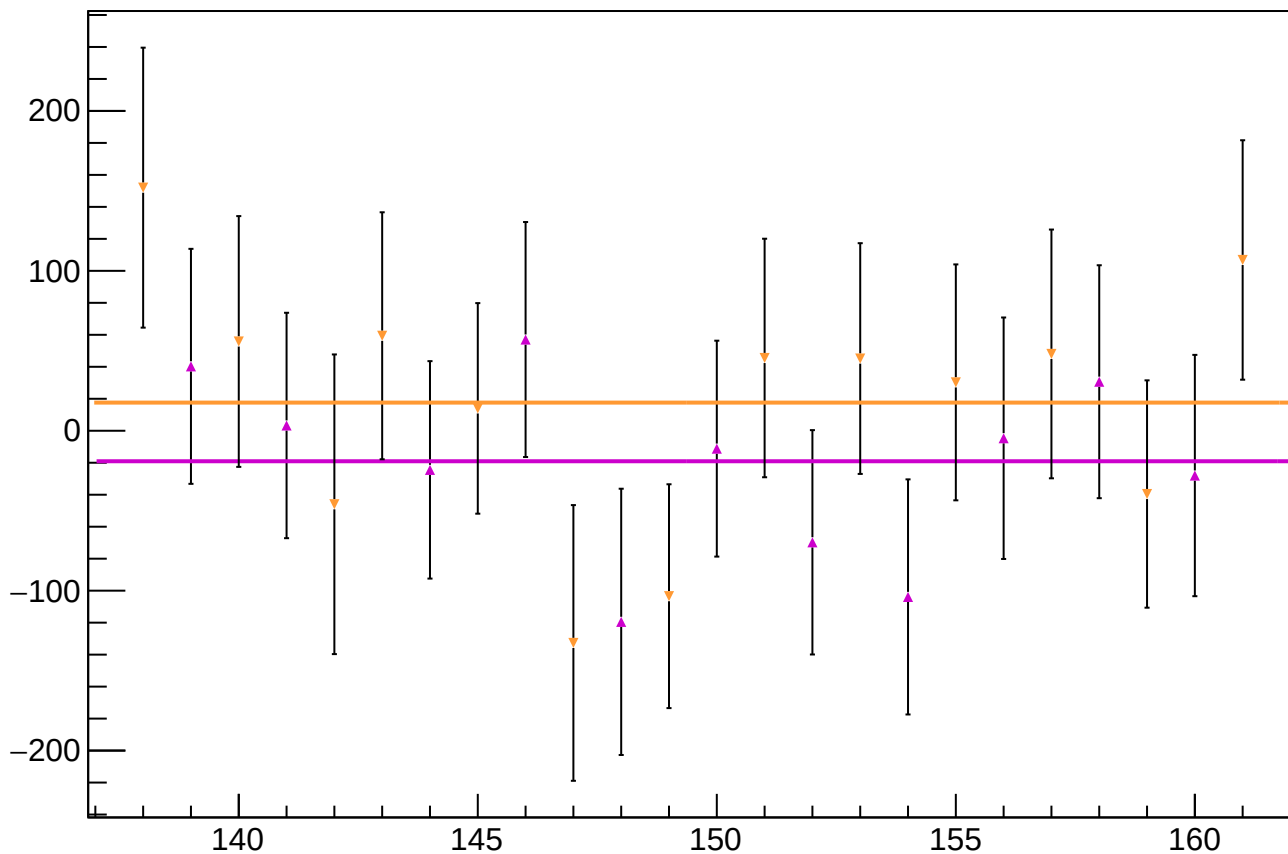
Left In: 285.777+/-0.068 χ^2/NDF : 361104.7/10

+ sign 237.488+/-0.045 χ^2/NDF : 4642003.3/29

All: 226.332+/-0.031 χ^2/NDF : 10929421.2/59

- sign 216.309+/-0.042 χ^2/NDF : 6169620.9/29

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 17.610 $\pm$ 21.122 χ^2 /NDF:11.9/12

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

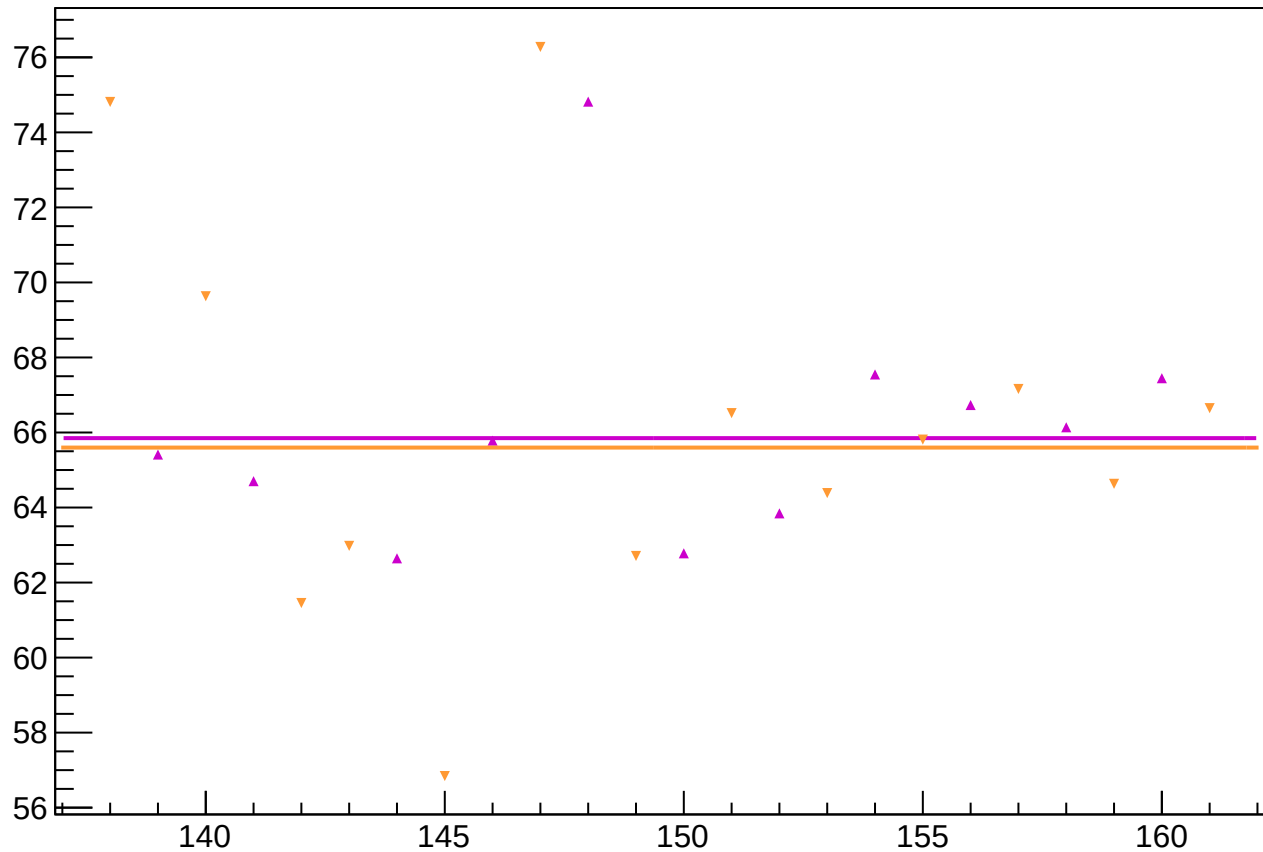
Left In: -19.071 $\pm$ 21.928 χ^2 /NDF:5.7/10

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

All: -0.044 $\pm$ 15.213 χ^2 /NDF: 19.0/23

- sign 0.000 $\pm$ 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: 65.598+/-0.015 χ^2/NDF : 105586.5/12

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

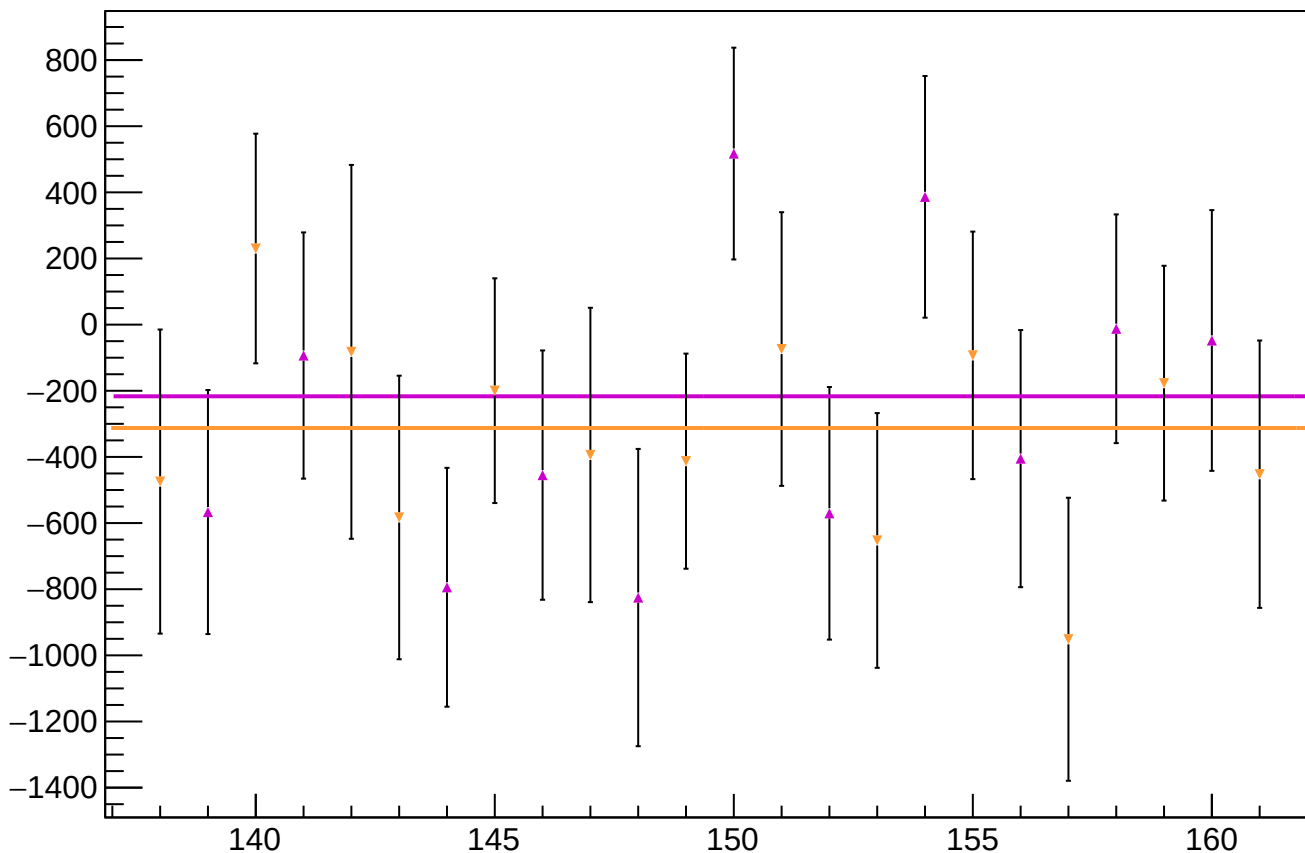
Left In: 65.850+/-0.016 χ^2/NDF : 36298.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.719+/-0.011 χ^2/NDF : 142021.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -312.478 $\pm$ 109.105 χ^2 /NDF:7.3/12

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

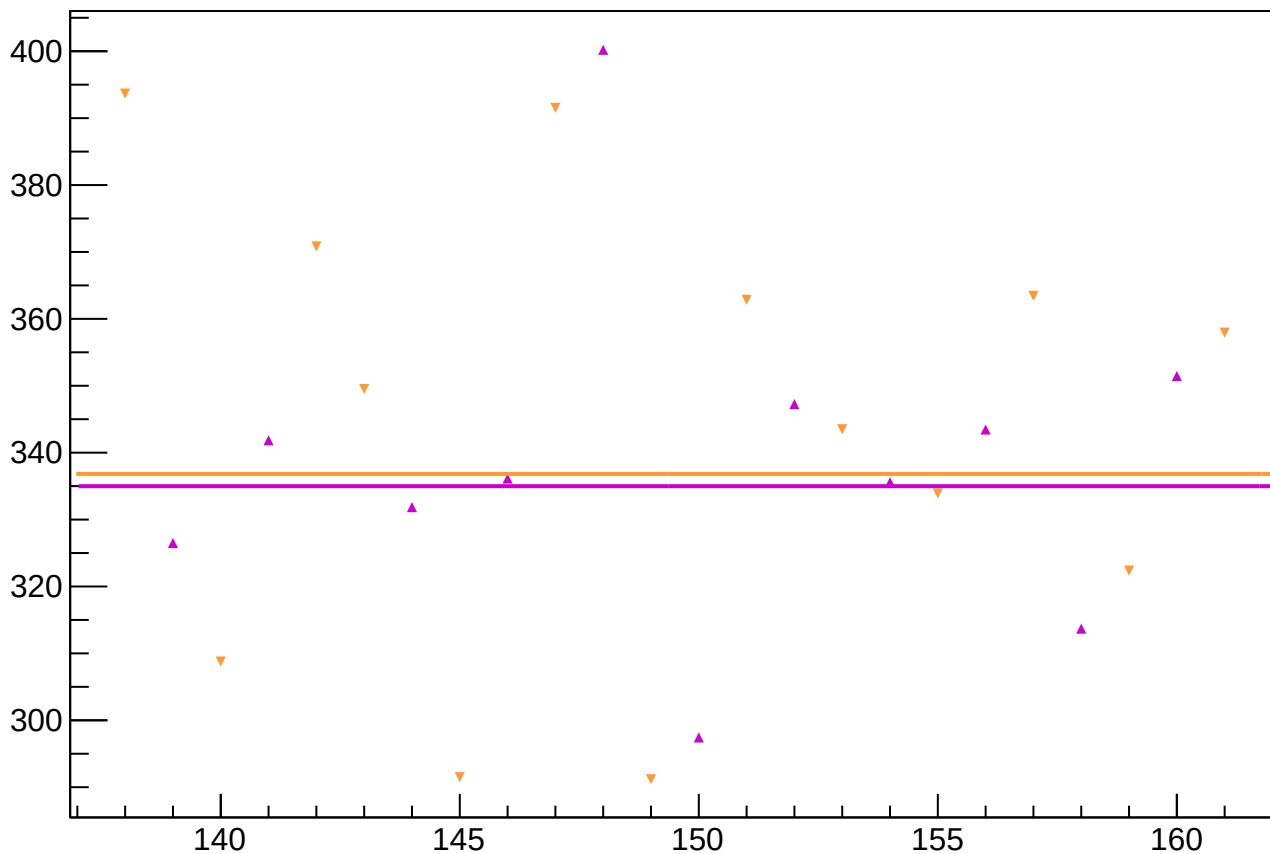
Left In: -216.705 $\pm$ 111.989 χ^2 /NDF:15.4/10

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

All: -265.841 $\pm$ 78.149 χ^2 /NDF: 23.1/23

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

asym_sam_15_avg_correction_rms vs Slug



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

Left Out: 336.823+/-0.077 χ^2/NDF : 182938.0/12

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

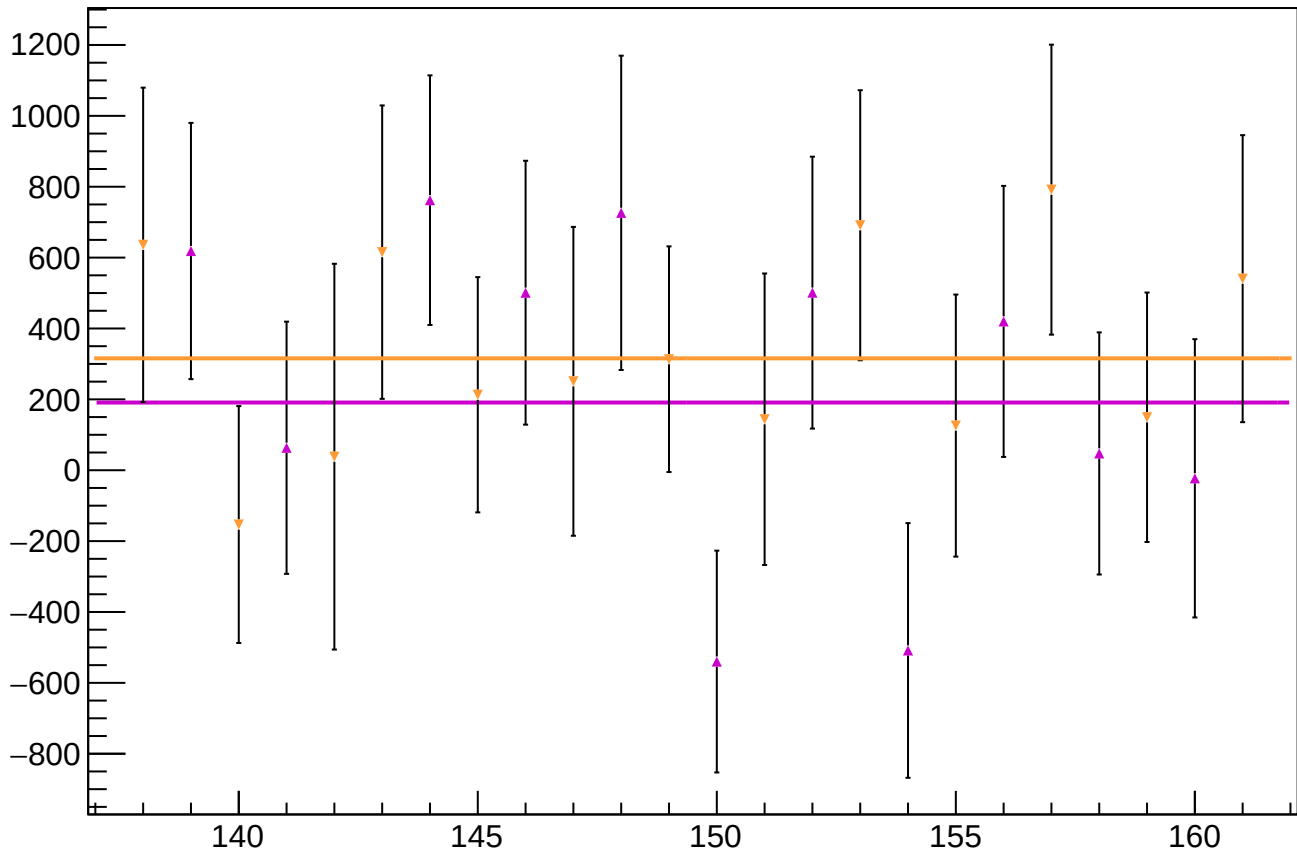
Left In: 334.994+/-0.079 χ^2/NDF : 85627.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.932+/-0.055 χ^2/NDF : 268839.2/23

- 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: 315.737+/-106.775 χ^2/NDF : 6.7/12

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

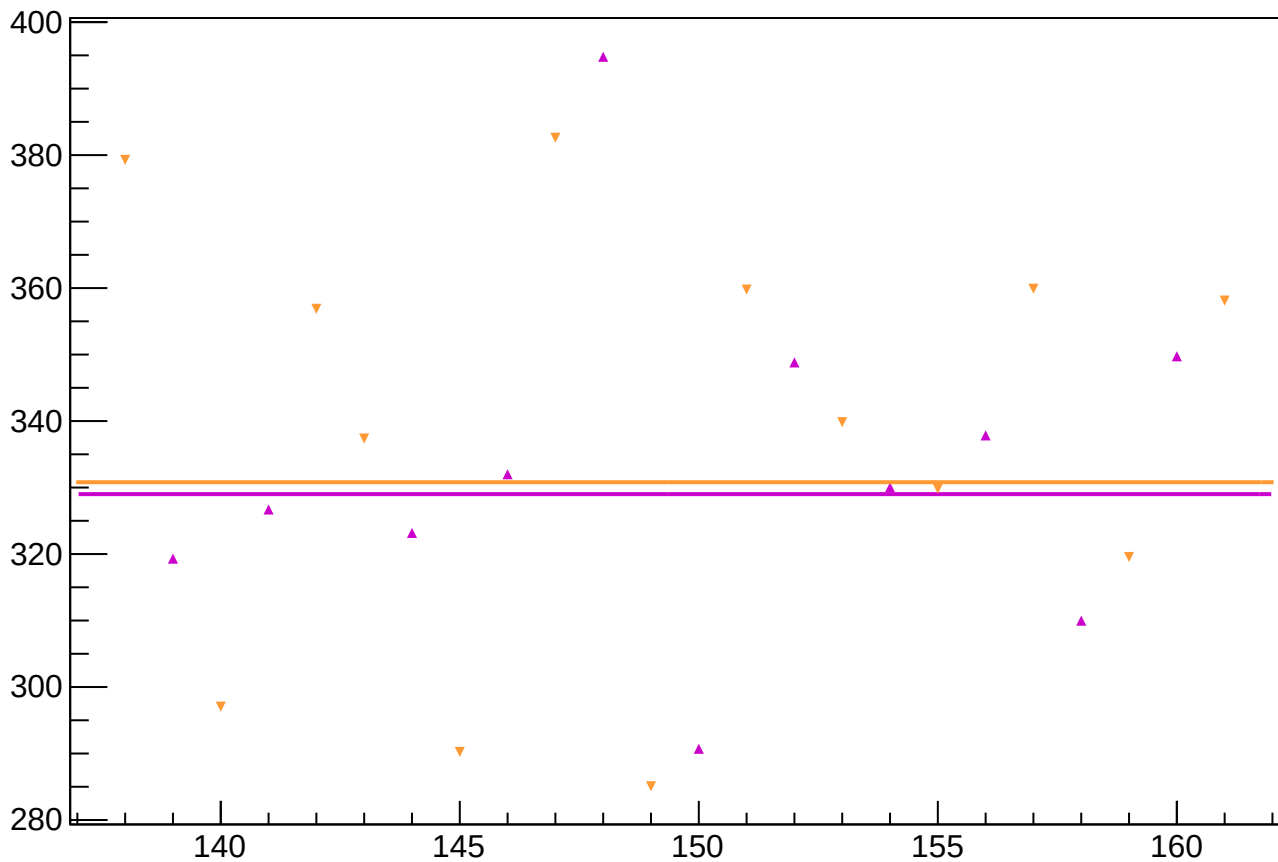
Left In: 191.035+/-110.066 χ^2/NDF : 17.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.278+/-76.638 χ^2/NDF : 24.4/23

- 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: 330.804+/-0.076 χ^2/NDF :181093.3/12

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

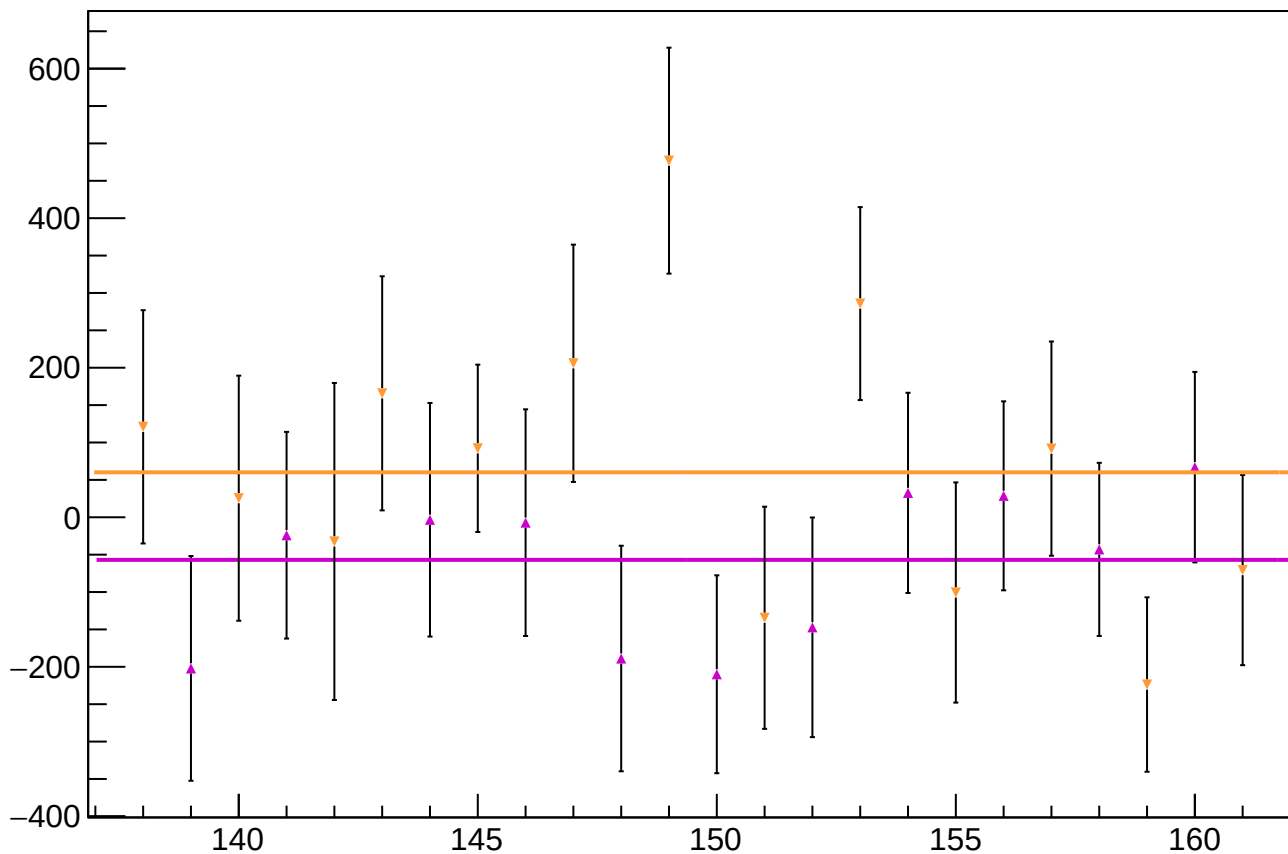
Left In: 329.011+/-0.078 χ^2/NDF :94343.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.935+/-0.054 χ^2/NDF : 275709.7/23

- 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: 60.113+/-39.518 χ^2/NDF : 22.4/12

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

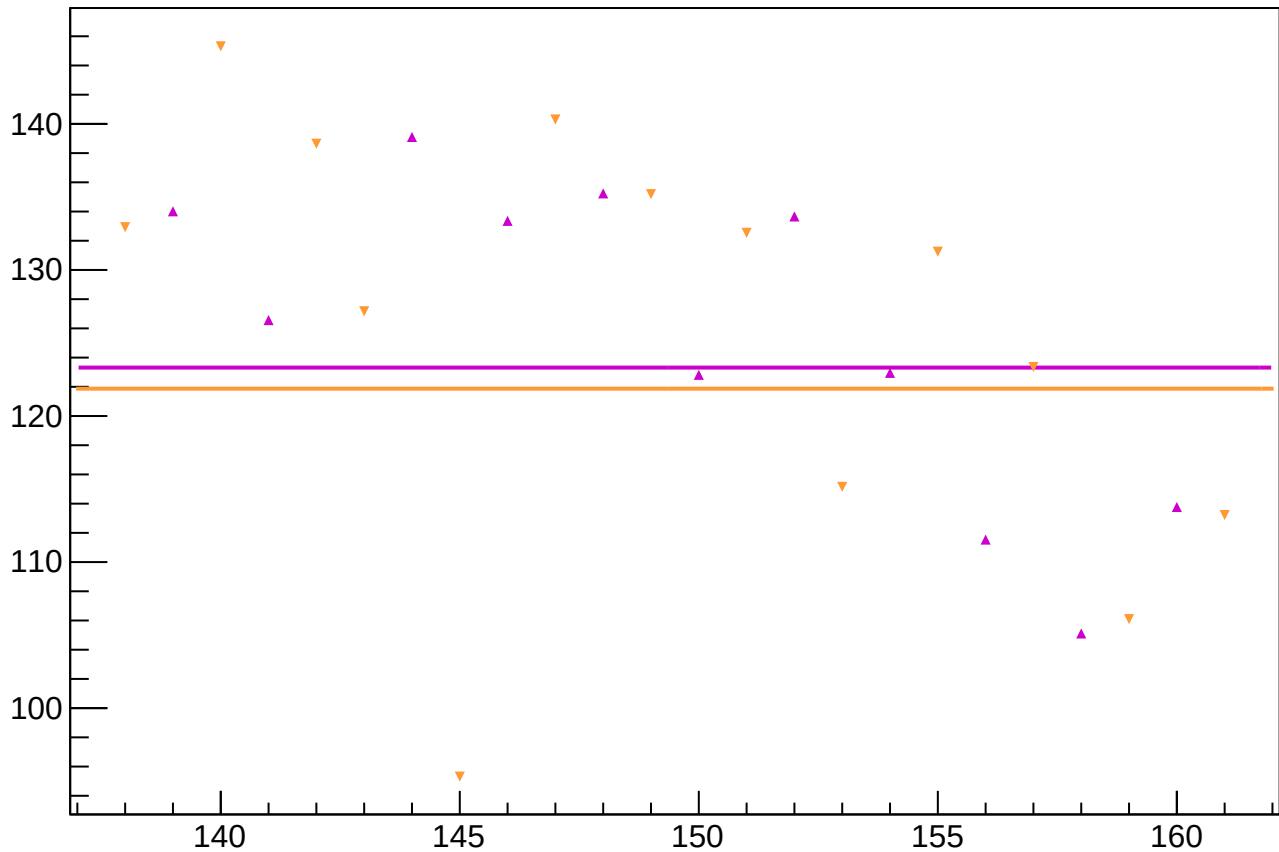
Left In: -56.969+/-41.409 χ^2/NDF : 5.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.306+/-28.589 χ^2/NDF : 32.1/23

- 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: 121.872+/-0.028 χ^2/NDF :290884.8/12

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

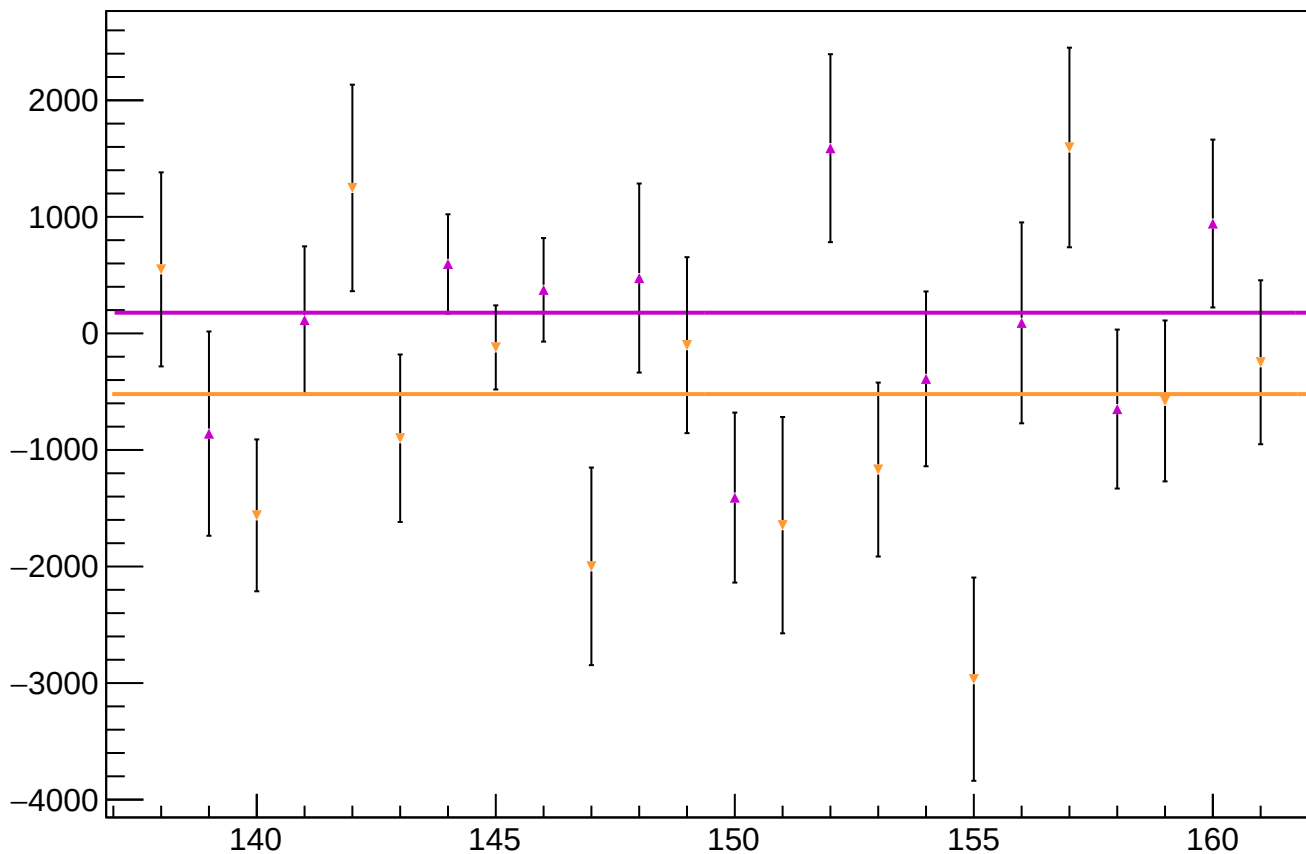
Left In: 123.316+/-0.029 χ^2/NDF :140985.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.560+/-0.020 χ^2/NDF : 433142.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -520.682 $\pm$ 190.359 χ^2 /NDF:29.4/12

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

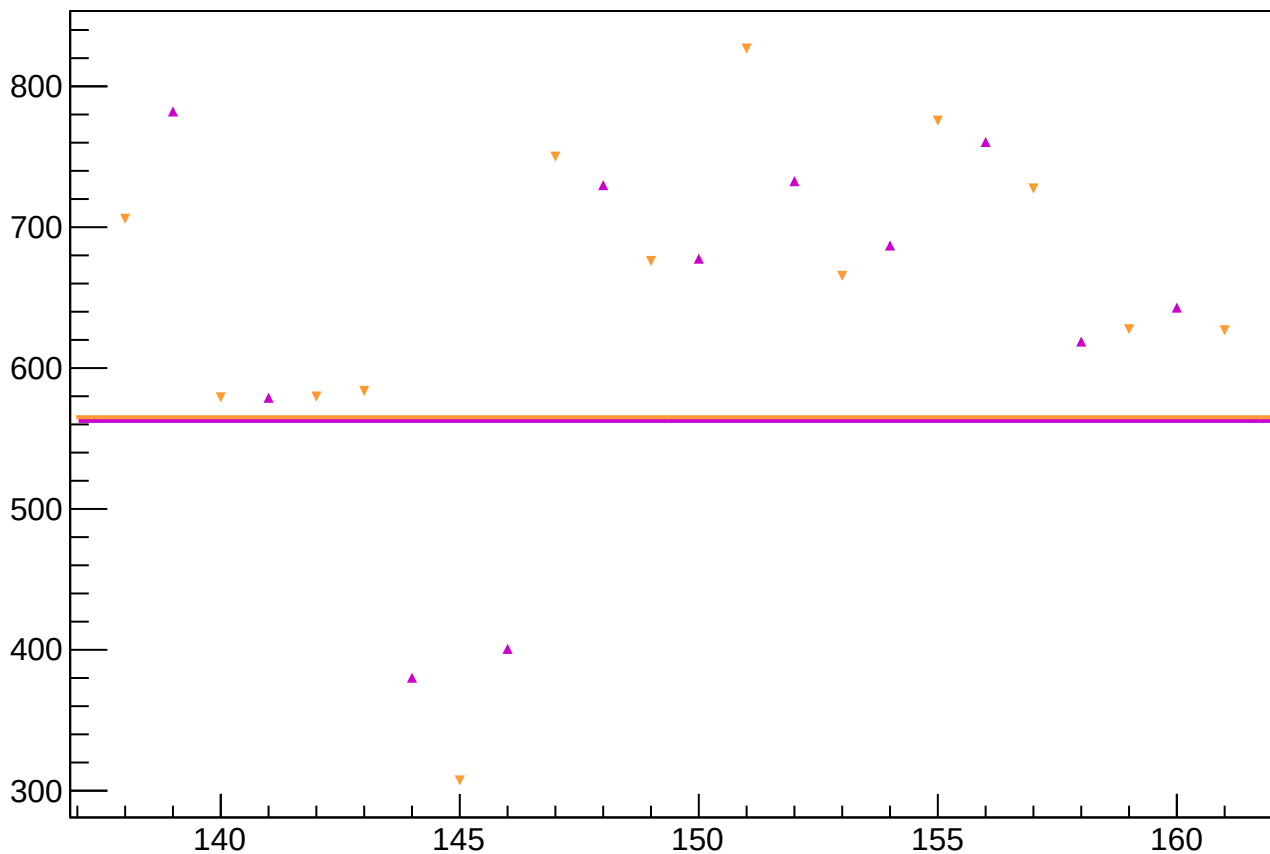
Left In: 177.725 $\pm$ 194.171 χ^2 /NDF:13.7/10

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

All: -178.402 $\pm$ 135.932 χ^2 /NDF: 49.7/23

- sign 0.000 $\pm$ 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: 565.120+/-0.135 χ^2/NDF :1635566.8/12

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

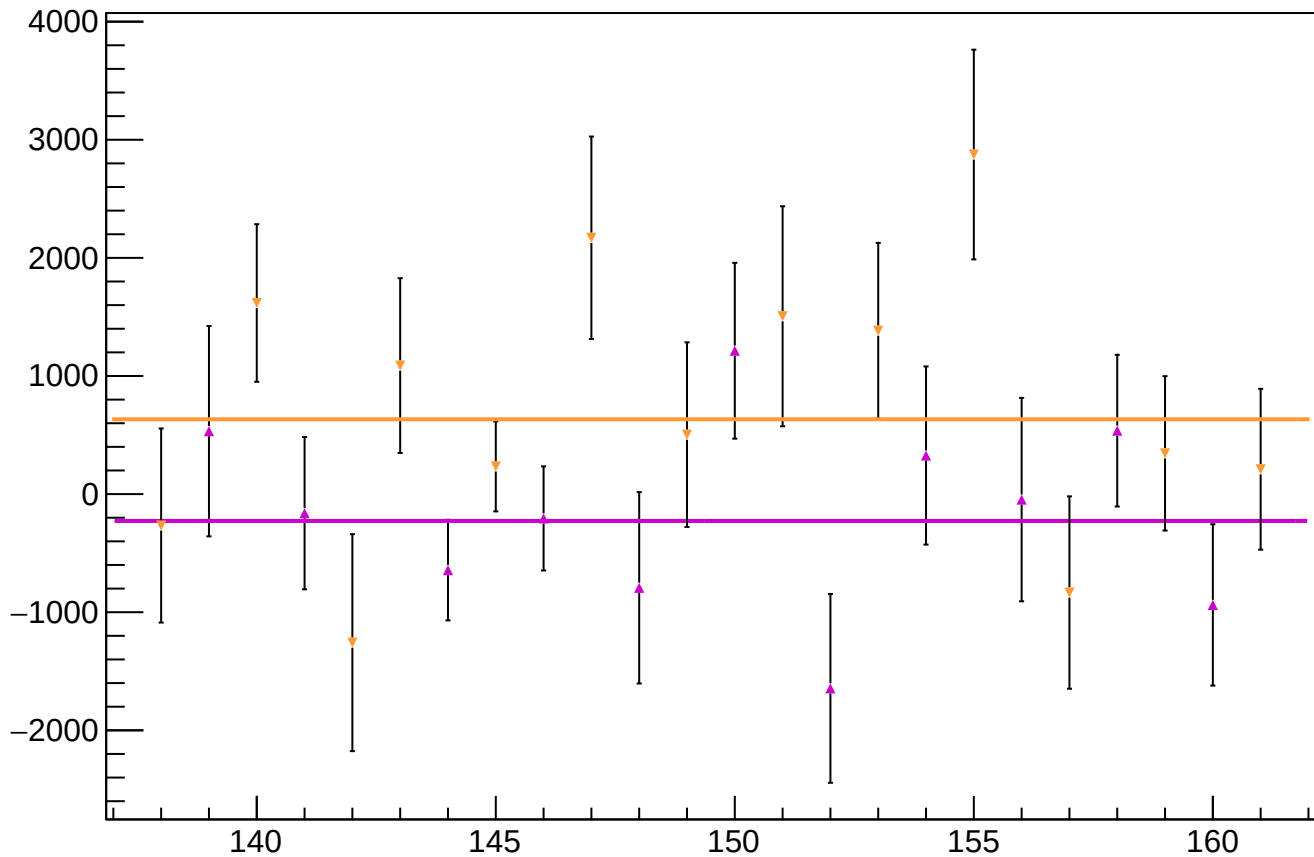
Left In: 562.496+/-0.137 χ^2/NDF :1182049.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.834+/-0.096 χ^2/NDF : 2817802.6/23

- 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: 633.494 ± 192.919 χ^2/NDF : 24.4/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

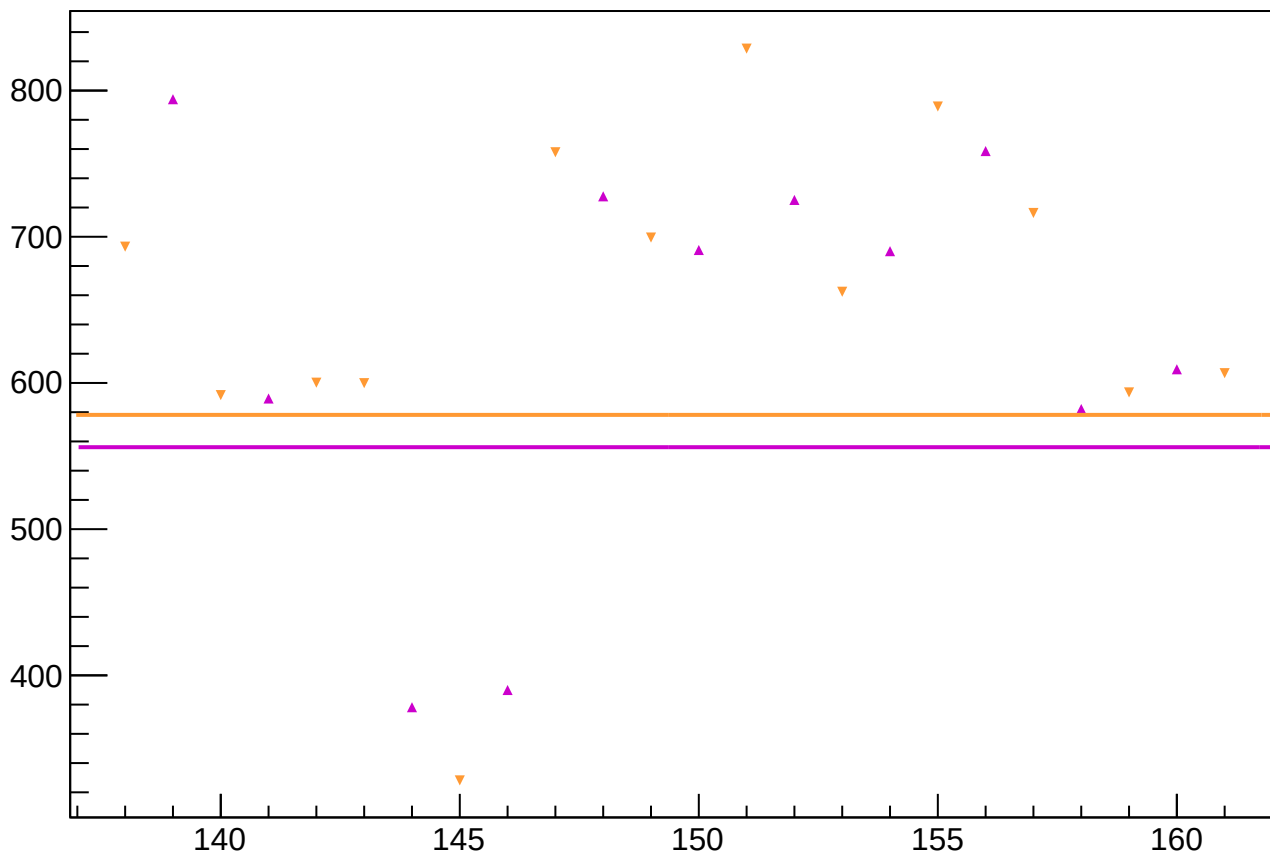
Left In: -227.332 ± 192.812 χ^2/NDF : 12.2/10

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 202.843 ± 136.376 χ^2/NDF : 46.5/23

- 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: 578.164+/-0.136 χ^2/NDF :1386393.3/12

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

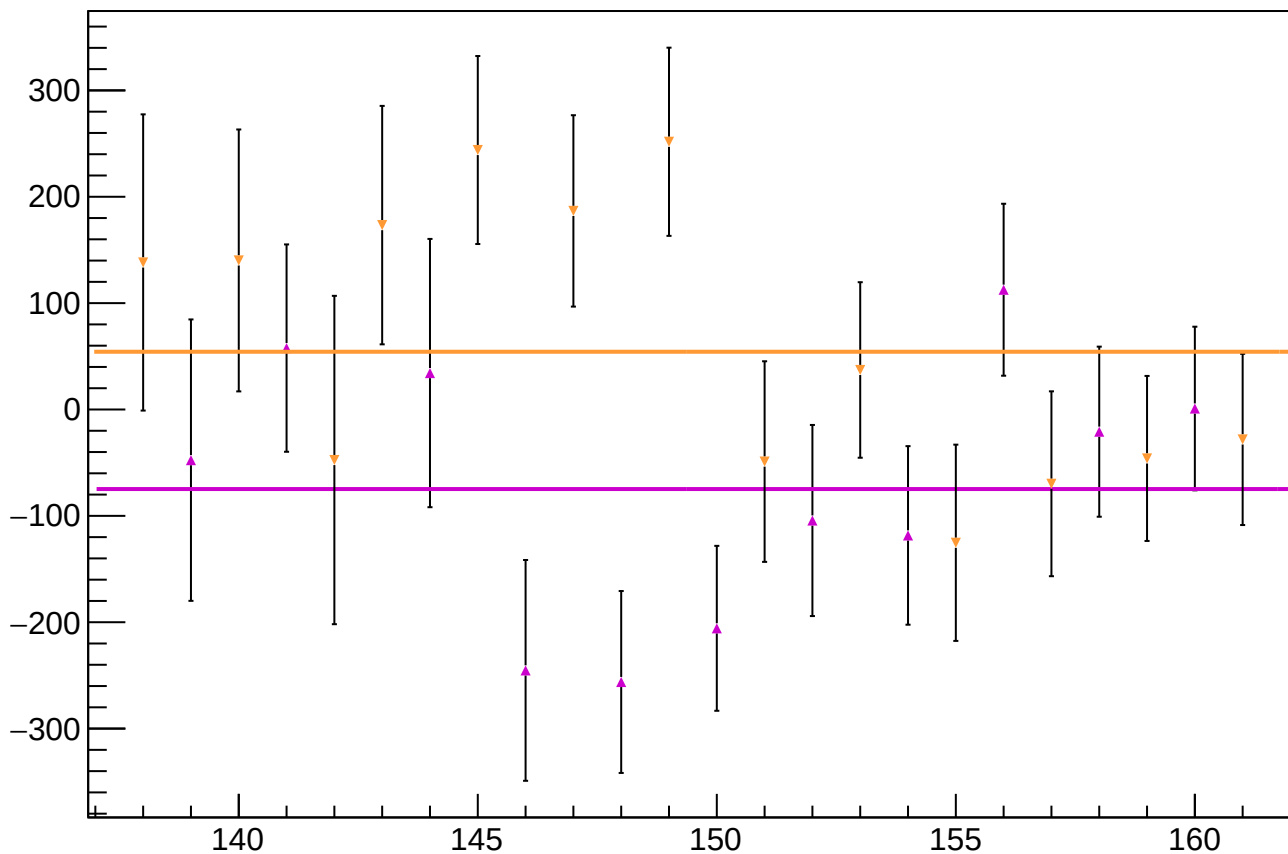
Left In: 556.064+/-0.136 χ^2/NDF :1215579.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.108+/-0.096 χ^2/NDF : 2615103.3/23

- 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: 54.297 $\pm$ 26.278 χ^2 /NDF:24.0/12

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

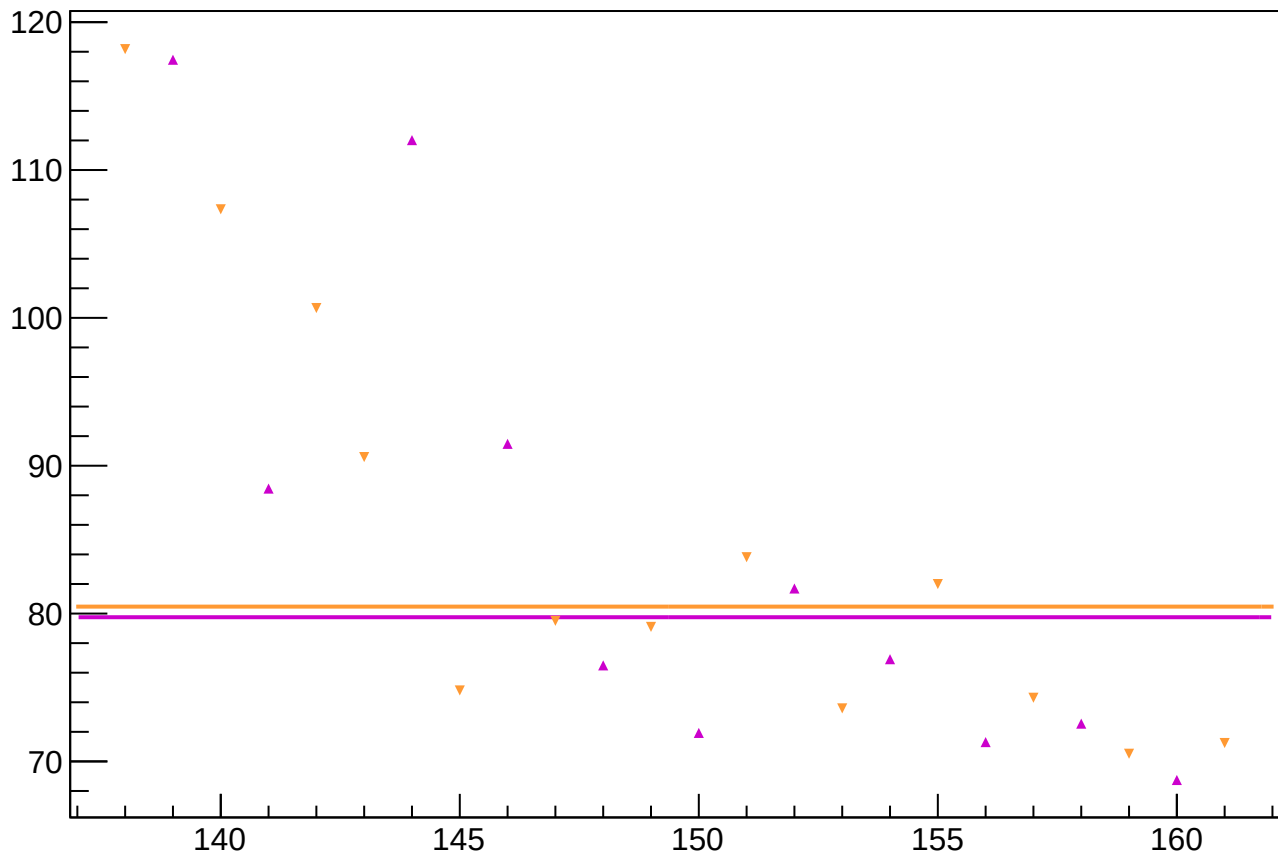
Left In: -74.792 $\pm$ 27.062 χ^2 /NDF:19.9/10

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

All: -8.351 $\pm$ 18.852 χ^2 /NDF: 55.5/23

- 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: 80.470+/-0.019 χ^2/NDF :387600.3/12

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

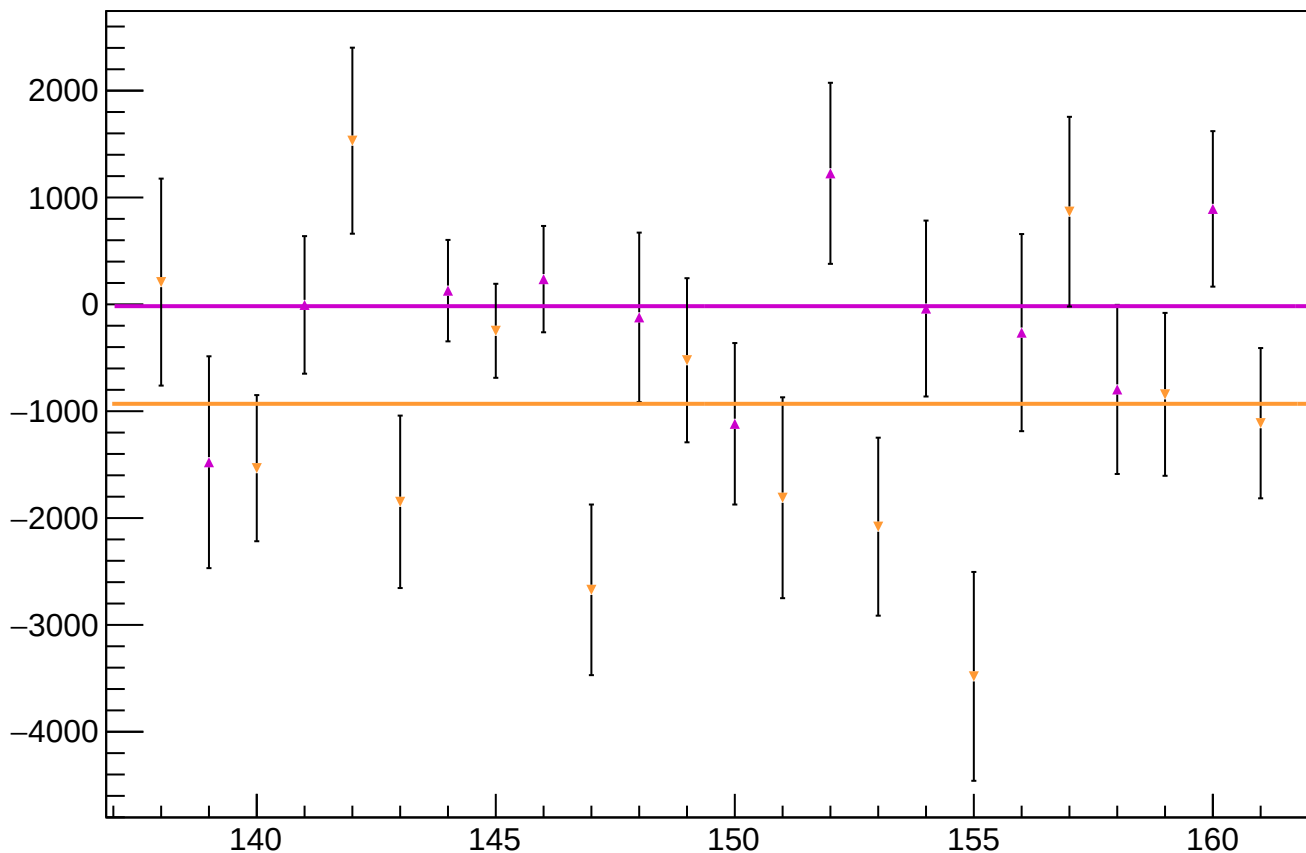
Left In: 79.752+/-0.019 χ^2/NDF :440411.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.122+/-0.013 χ^2/NDF : 828735.2/23

- 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: -930.760 $\pm$ 207.959 χ^2 /NDF:32.7/12

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

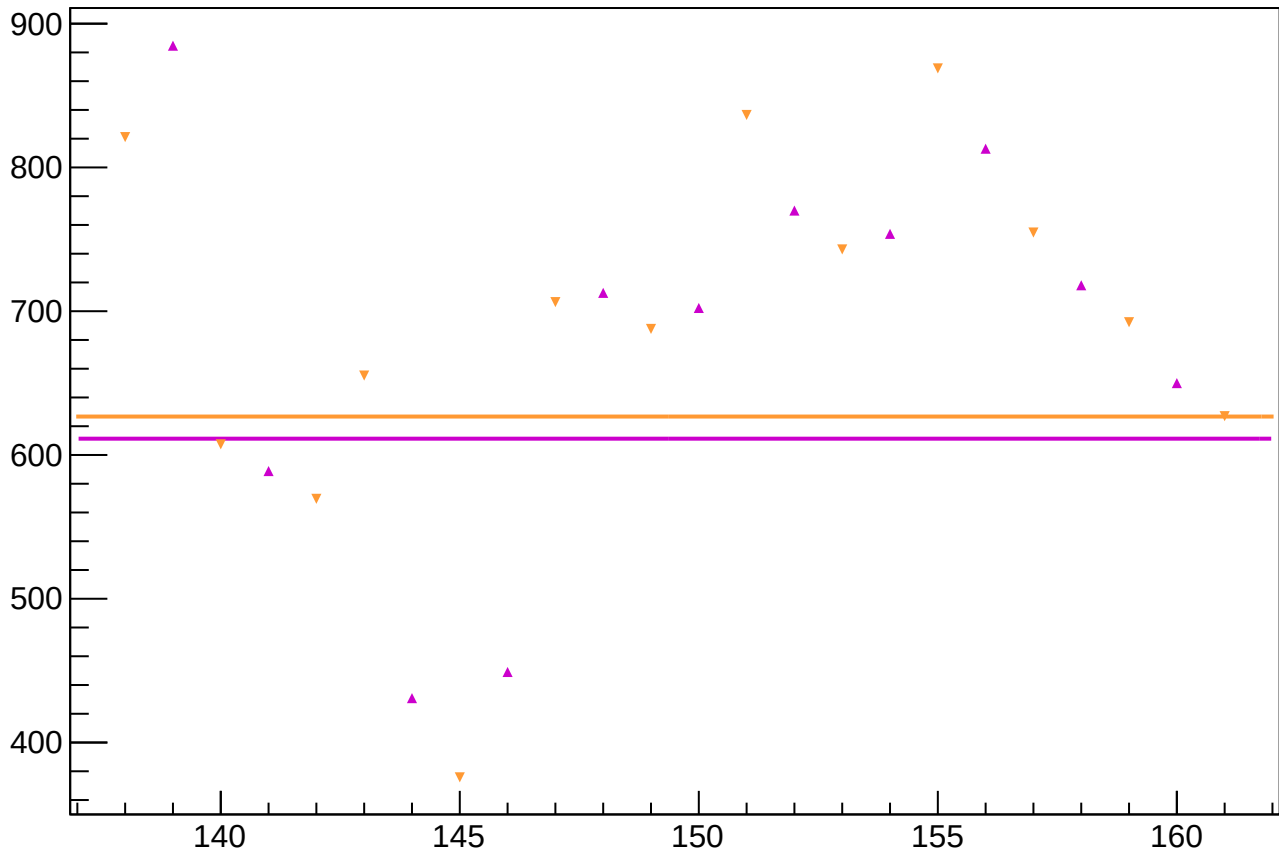
Left In: -17.066 $\pm$ 209.527 χ^2 /NDF:9.4/10

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

All: -477.344 $\pm$ 147.601 χ^2 /NDF: 51.7/23

- 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: 626.733+/-0.147 χ^2/NDF : 1094333.3/12

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

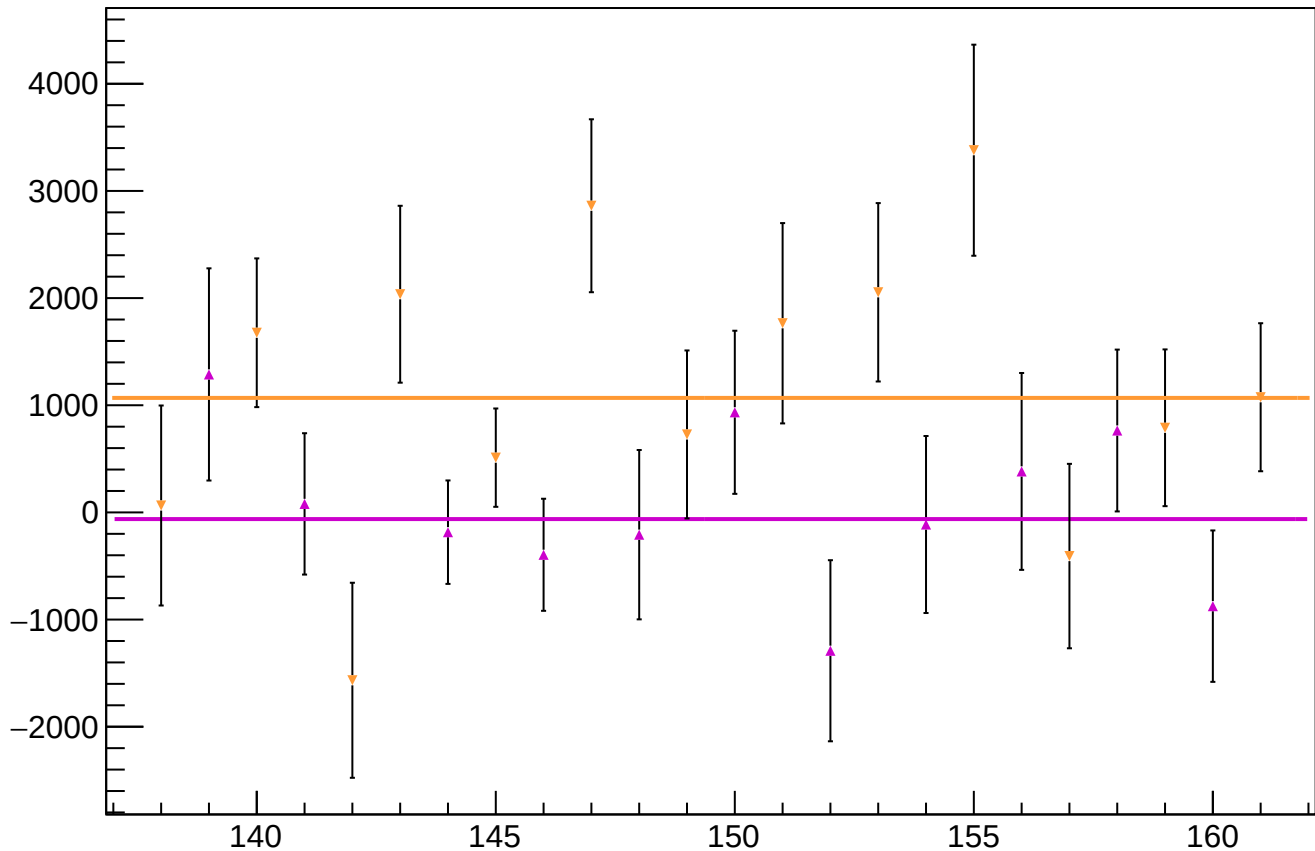
Left In: 611.339+/-0.148 χ^2/NDF : 985601.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.094+/-0.104 χ^2/NDF : 2085373.1/23

- 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: 1068.534+/-209.672 χ^2/NDF : 28.8/12

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

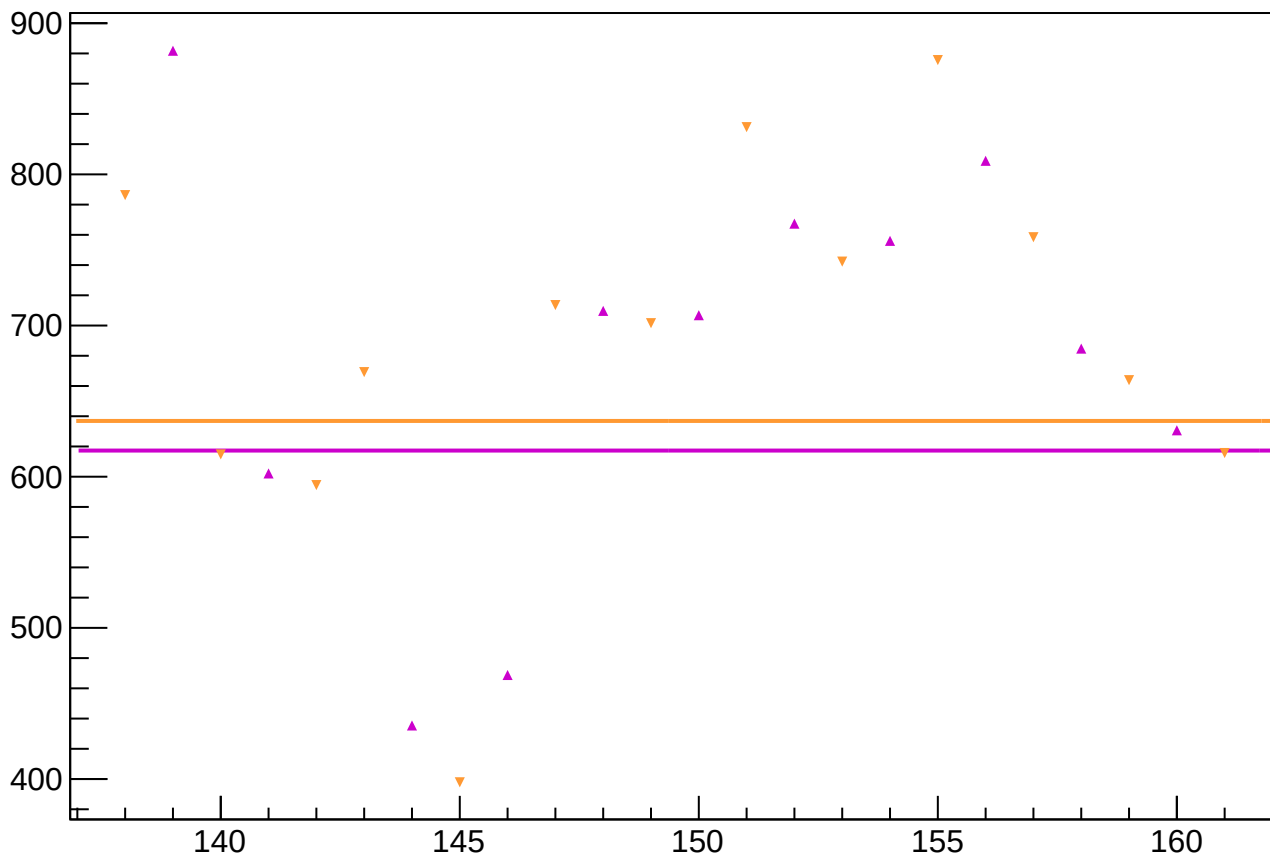
Left In: -62.267+/-211.264 χ^2/NDF : 9.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.409+/-148.820 χ^2/NDF : 52.3/23

- 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: 636.888+/-0.148 χ^2/NDF : 915679.4/12

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

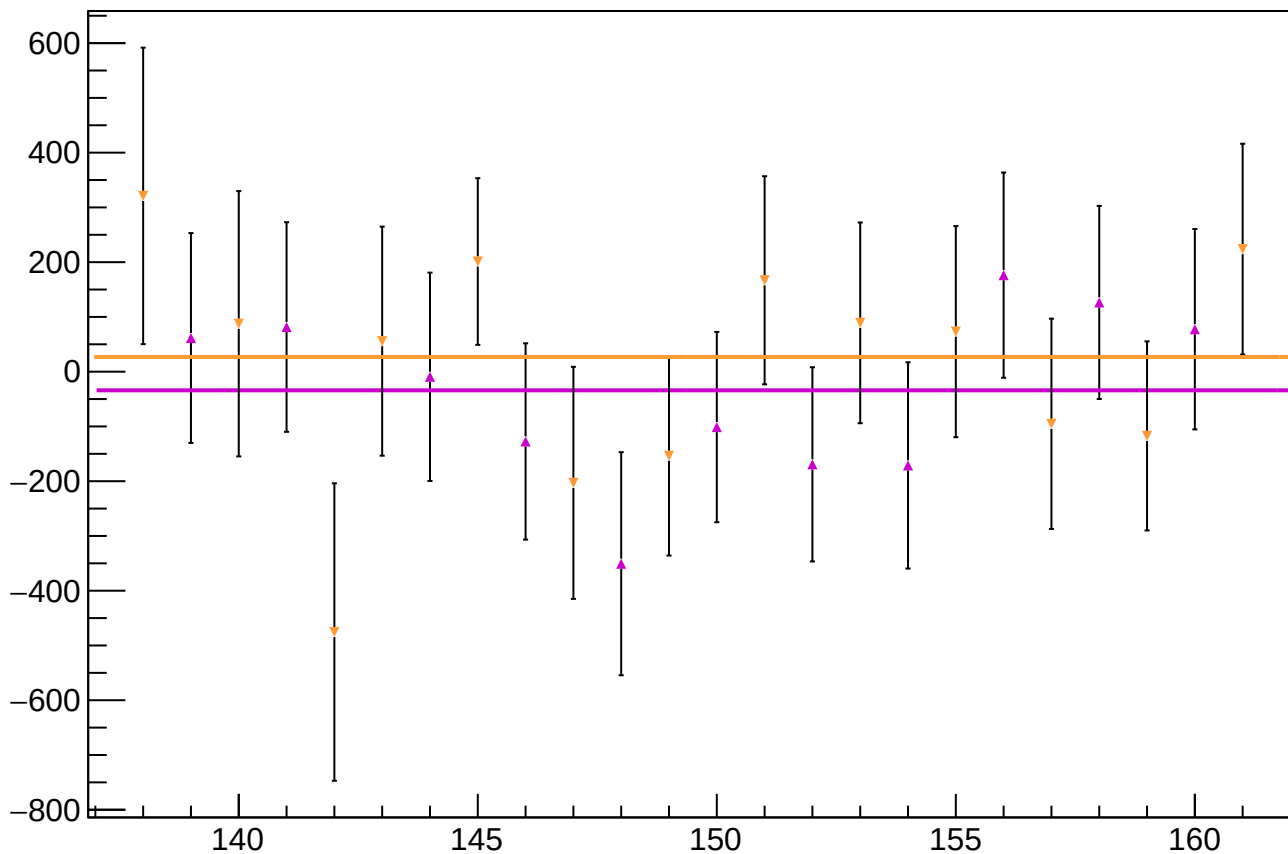
Left In: 617.295+/-0.149 χ^2/NDF : 867250.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.166+/-0.105 χ^2/NDF : 1791595.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 26.900 $\pm$ 54.663 χ^2 /NDF:11.0/12

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

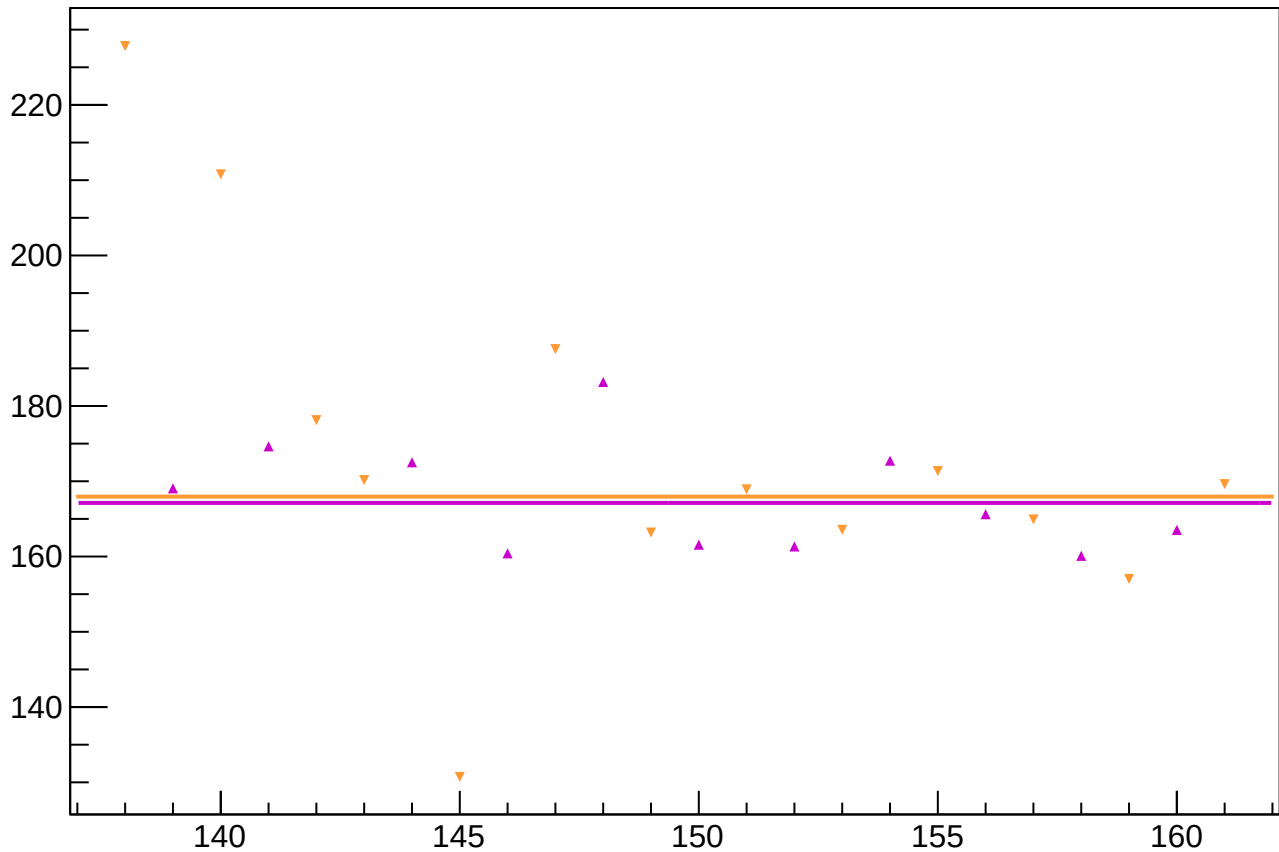
Left In: -34.034 $\pm$ 55.812 χ^2 /NDF:7.0/10

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

All: -2.933 $\pm$ 39.053 χ^2 /NDF: 18.7/23

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

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 167.960+/-0.039 χ^2/NDF : 312001.0/12

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

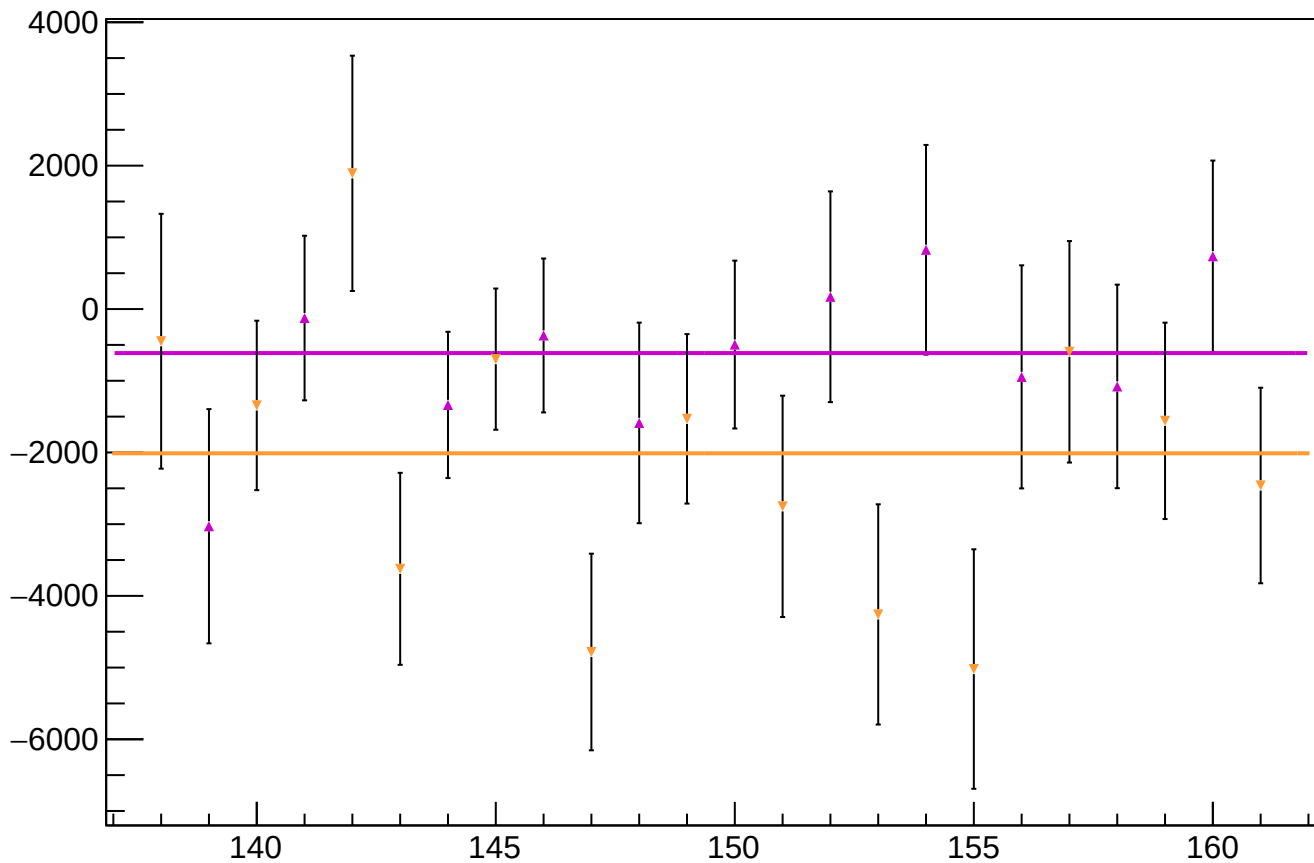
Left In: 167.123+/-0.039 χ^2/NDF : 30160.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.551+/-0.028 χ^2/NDF : 342390.9/23

- 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: -2011.684+/-379.761 χ^2/NDF : 20.9/12

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

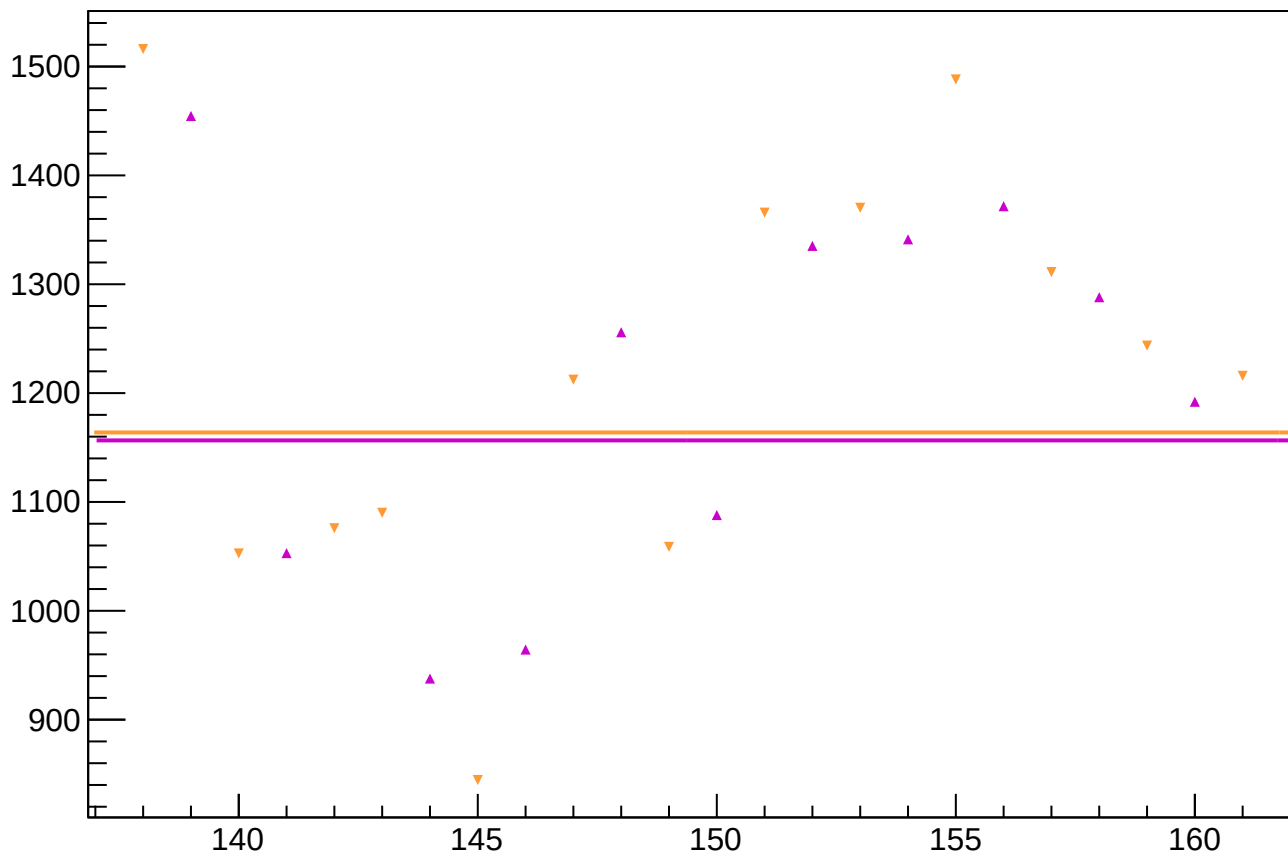
Left In: -613.861+/-389.058 χ^2/NDF : 5.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1329.673+/-271.759 χ^2/NDF : 33.4/23

- 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: 1163.856+/-0.269 χ^2/NDF : 510405.6/12

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

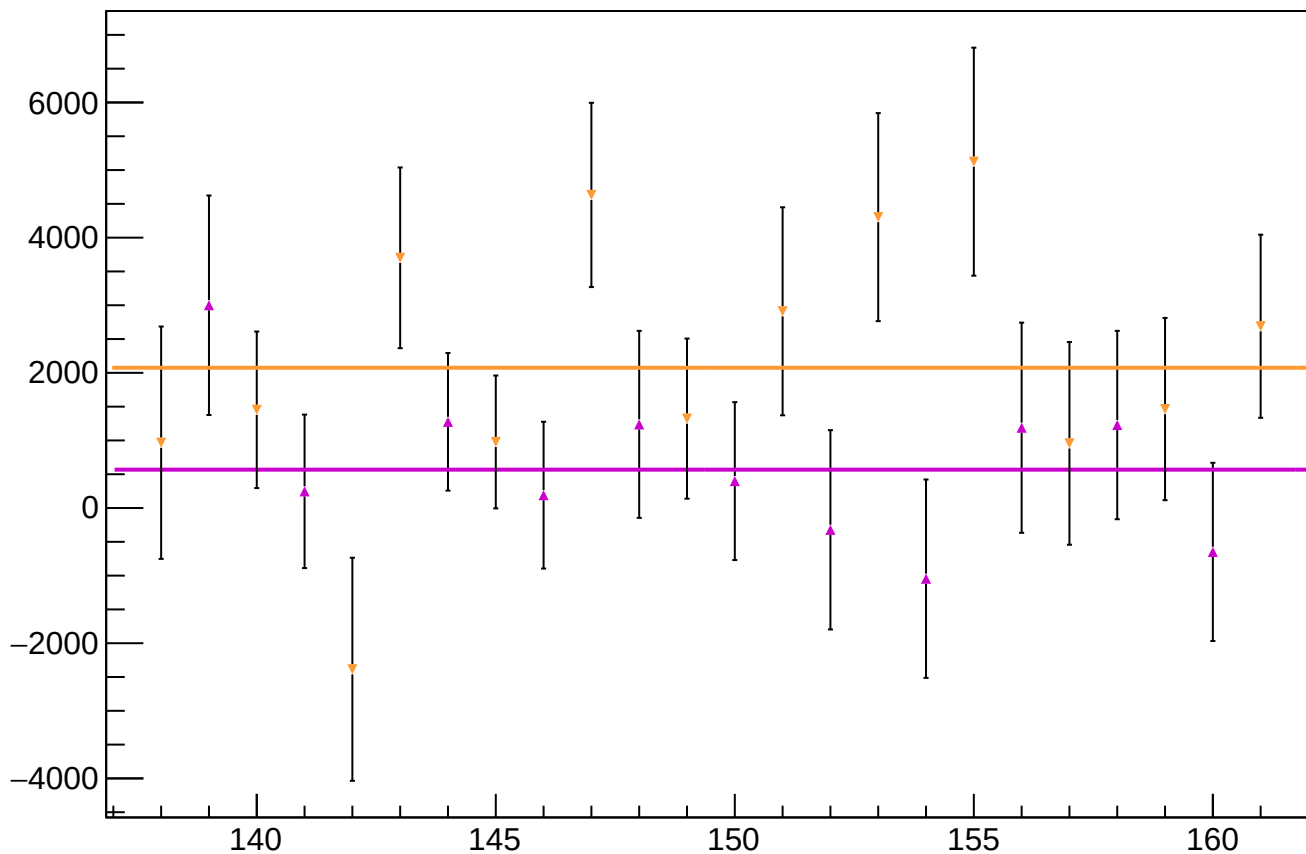
Left In: 1156.550+/-0.275 χ^2/NDF : 374316.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.291+/-0.192 χ^2/NDF : 885083.6/23

- 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: 2075.484+/-377.068 χ^2/NDF : 21.3/12

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

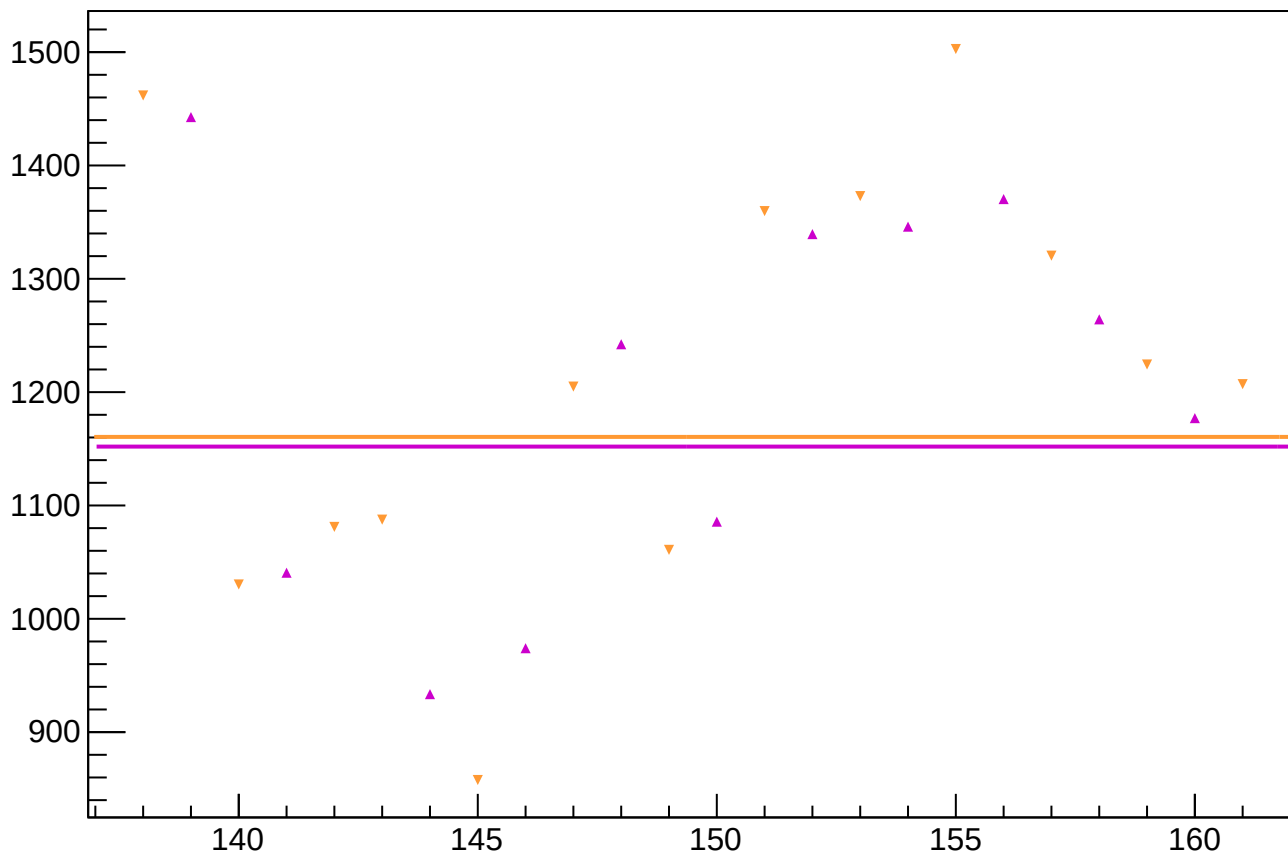
Left In: 567.825+/-387.729 χ^2/NDF : 6.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1342.667+/-270.317 χ^2/NDF : 35.1/23

- 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: 1160.499+/-0.267 χ^2/NDF : 486960.1/12

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

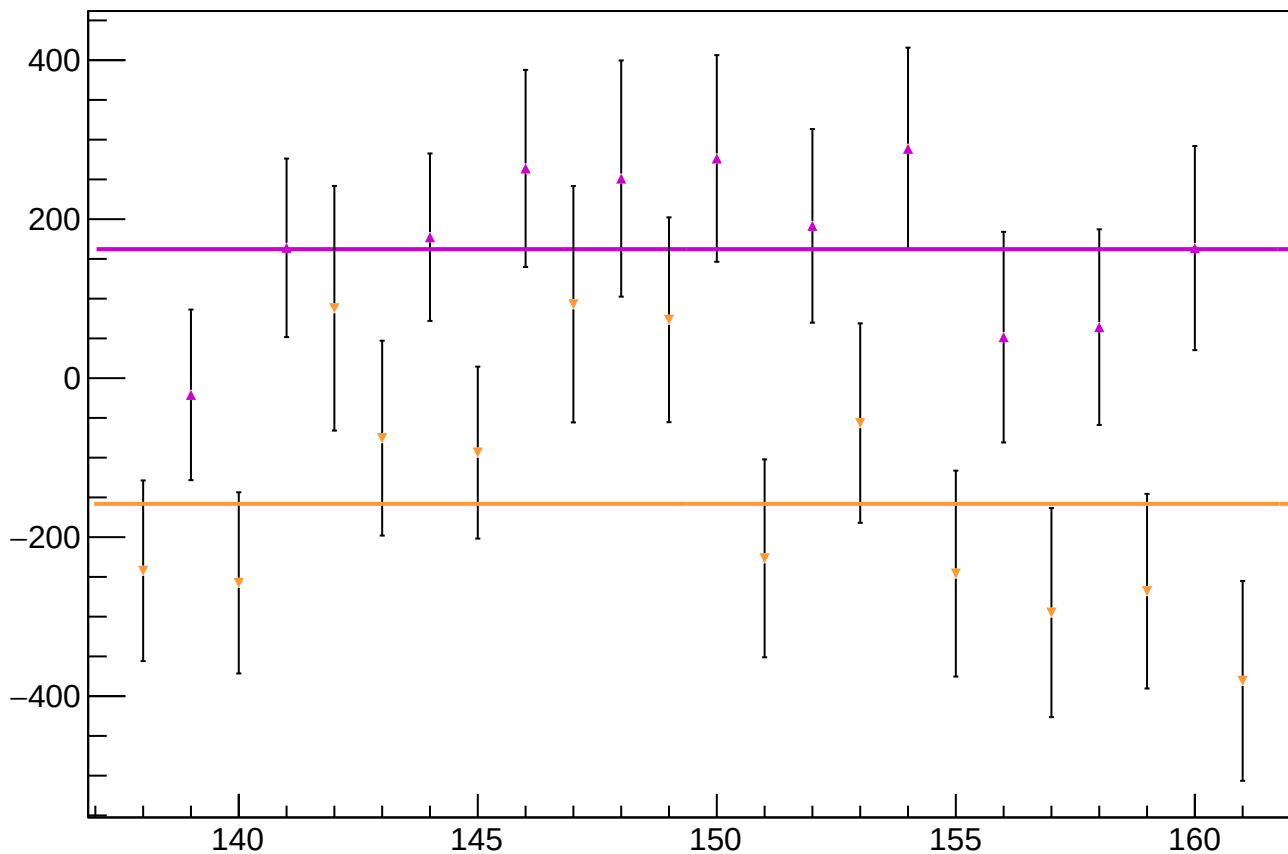
Left In: 1151.953+/-0.274 χ^2/NDF : 364567.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.345+/-0.191 χ^2/NDF : 852026.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -158.097 $\pm$ 34.714 χ^2 /NDF:17.2/12

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

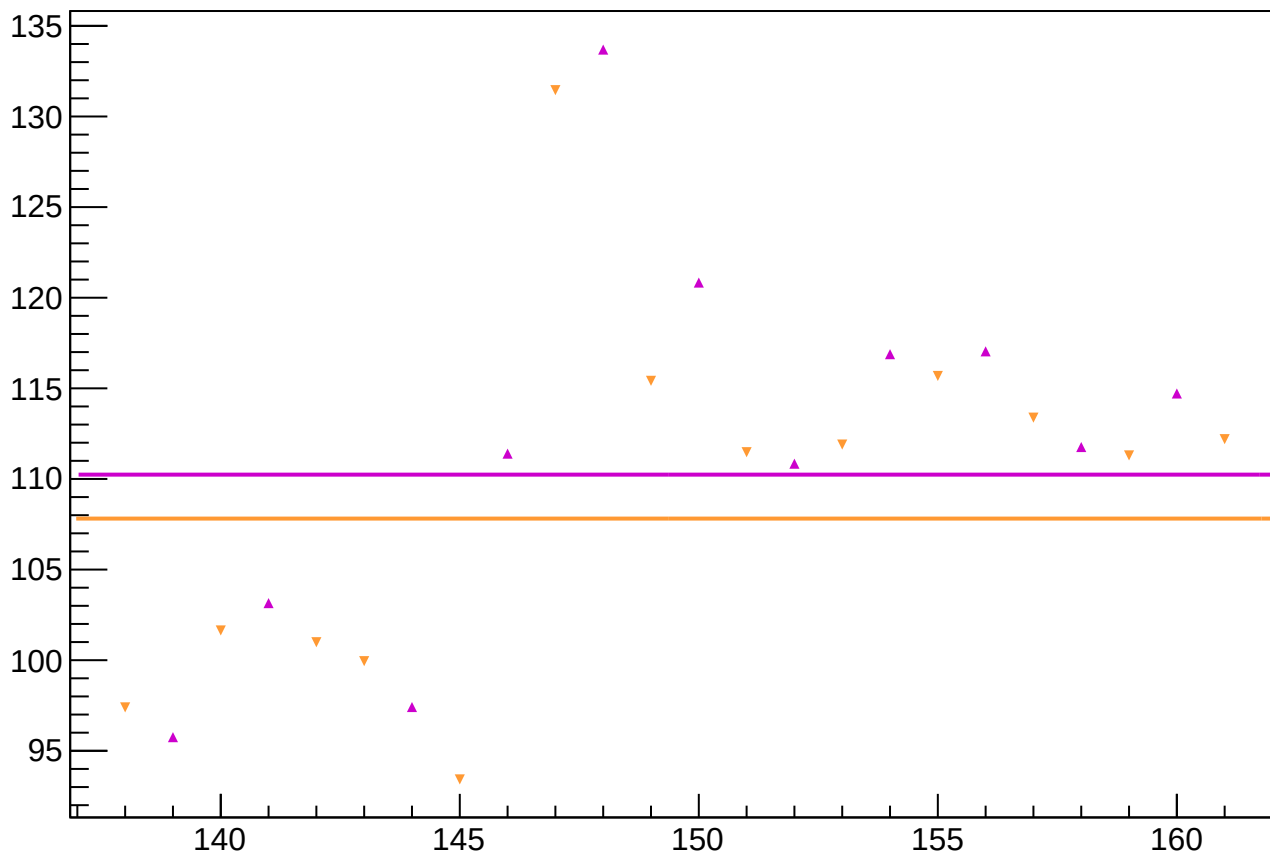
Left In: 162.298 $\pm$ 36.786 χ^2 /NDF:7.1/10

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

All: -7.177 $\pm$ 25.247 χ^2 /NDF: 64.4/23

- sign 0.000 $\pm$ 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: 107.813+/-0.025 χ^2/NDF :146681.4/12

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

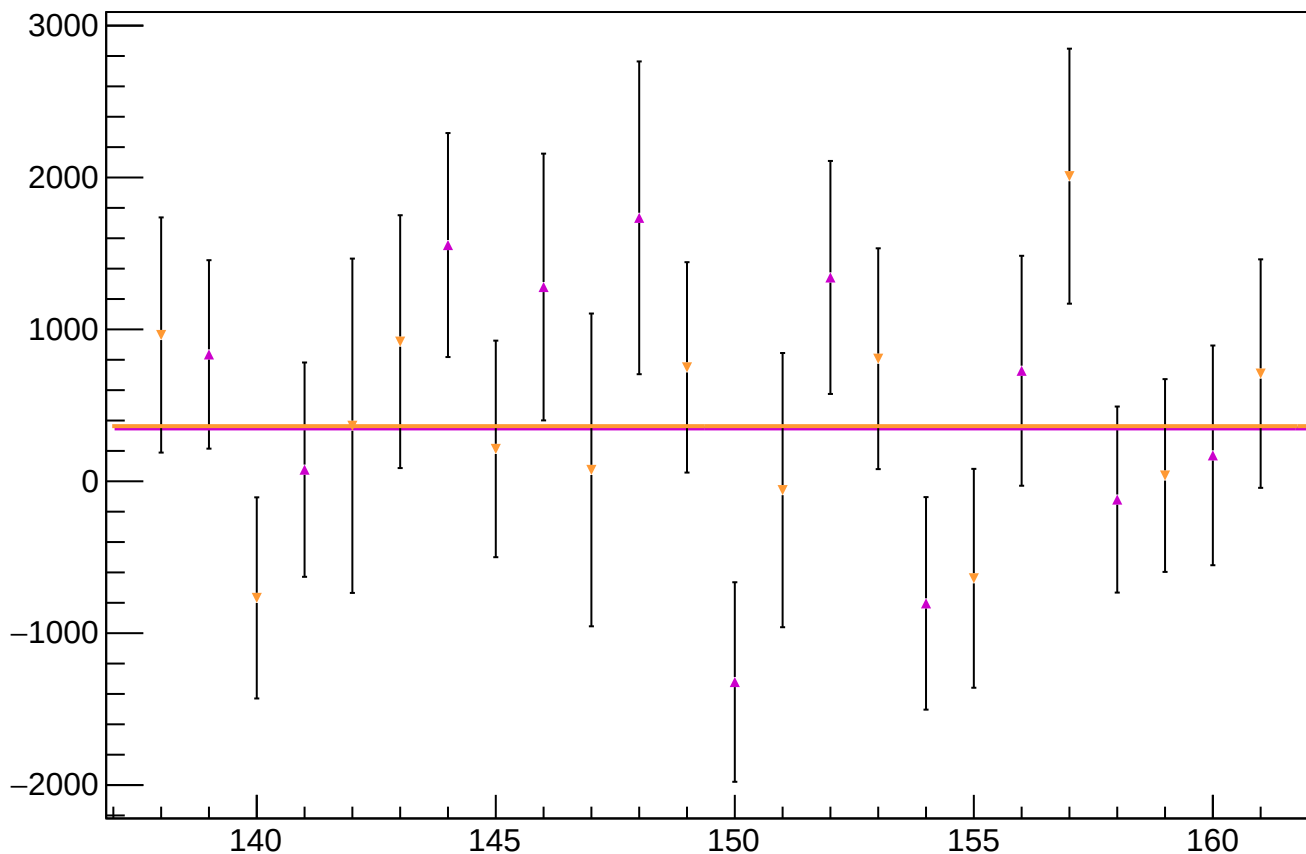
Left In: 110.239+/-0.026 χ^2/NDF :150952.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.956+/-0.018 χ^2/NDF : 302231.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_mean vs Slug



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

Left Out: 363.077+/-213.542 χ^2/NDF : 11.2/12

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

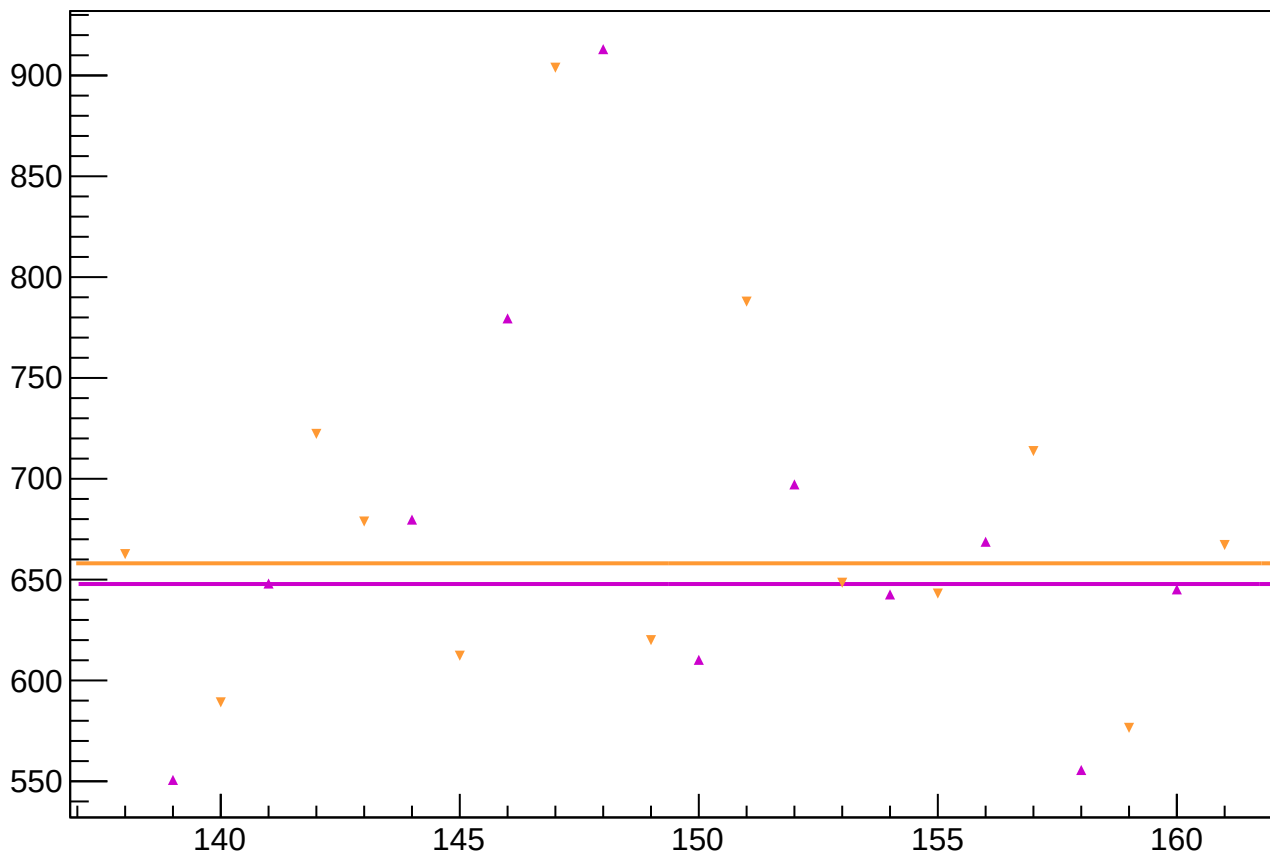
Left In: 347.965+/-217.857 χ^2/NDF : 18.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.672+/-152.500 χ^2/NDF : 29.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_rms vs Slug



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

Left Out: 658.084+/-0.151 χ^2/NDF : 242733.8/12

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

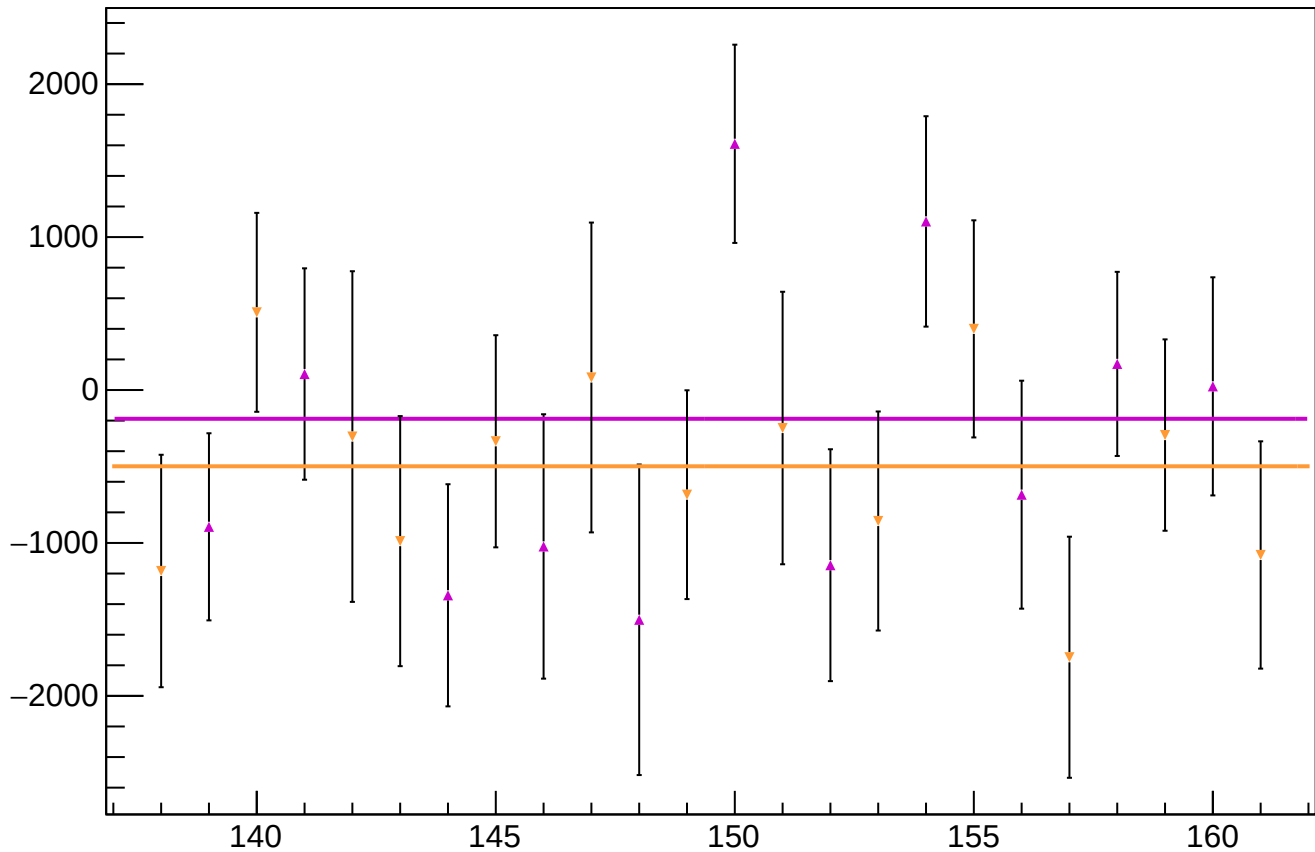
Left In: 647.813+/-0.154 χ^2/NDF : 292368.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.051+/-0.108 χ^2/NDF : 537369.6/23

- 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: -498.784+/-209.357 χ^2/NDF : 9.2/12

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

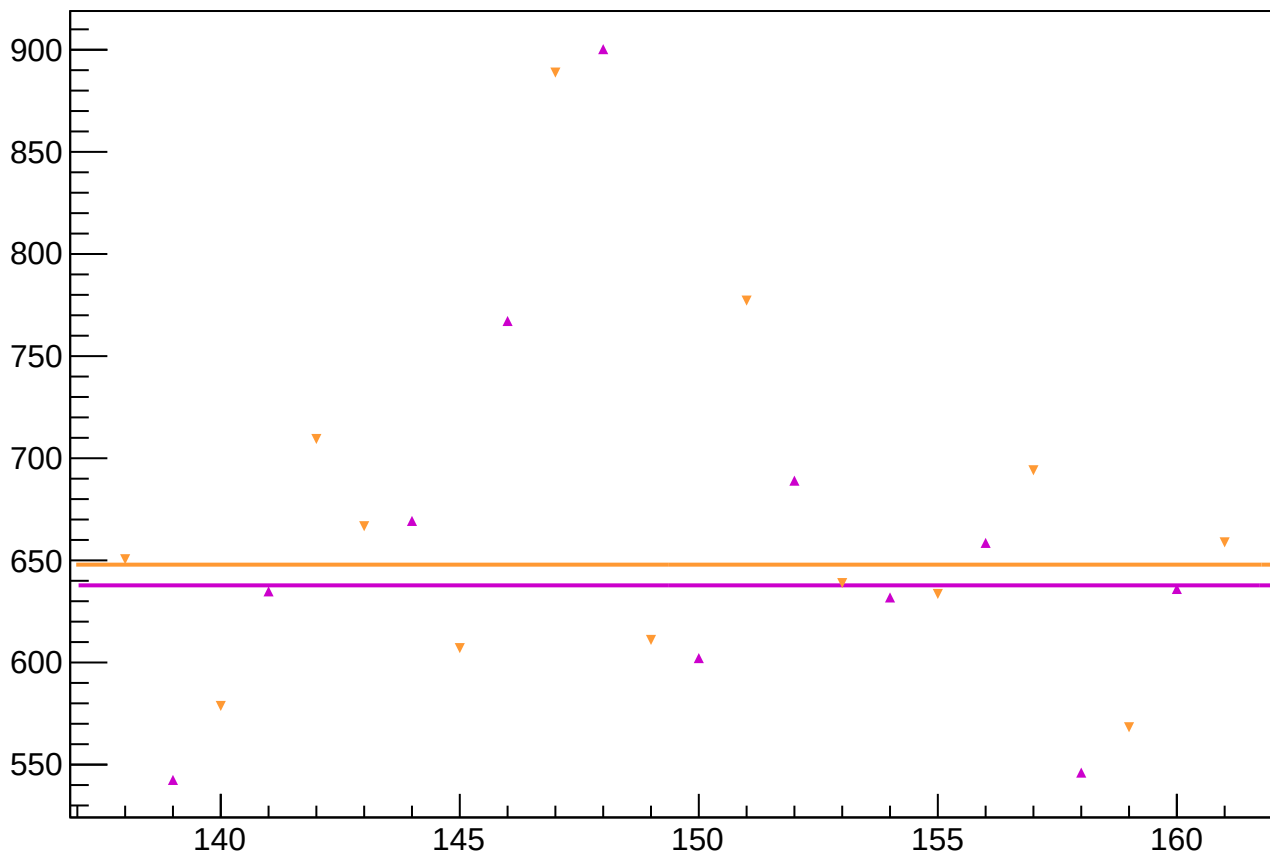
Left In: -188.109+/-214.527 χ^2/NDF : 20.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -347.235+/-149.832 χ^2/NDF : 30.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_rms vs Slug



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

Left Out: 647.908+/-0.148 χ^2/NDF : 239035.6/12

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

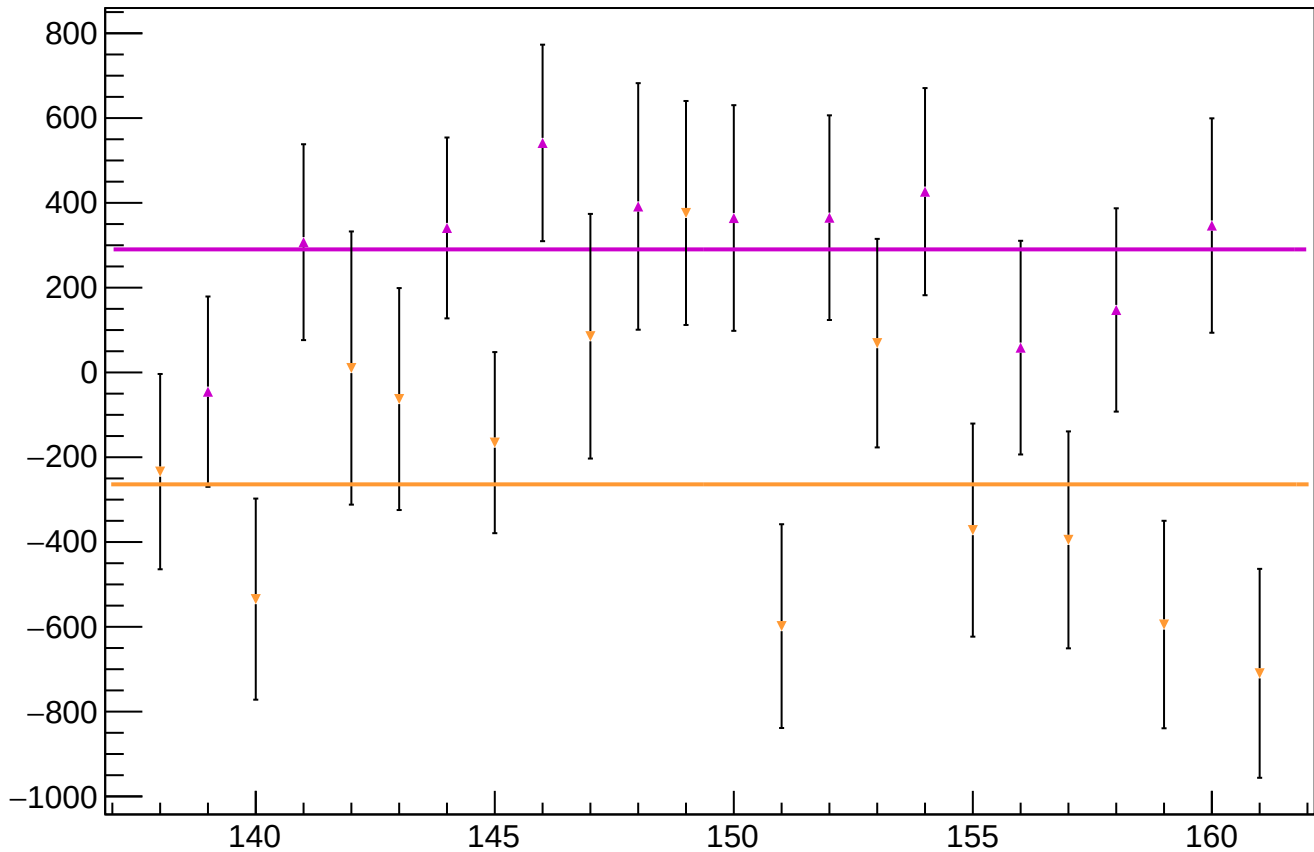
Left In: 637.769+/-0.152 χ^2/NDF : 294143.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 642.962+/-0.106 χ^2/NDF : 535467.2/23

- 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: -263.948+/-69.465 χ^2/NDF : 19.5/12

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

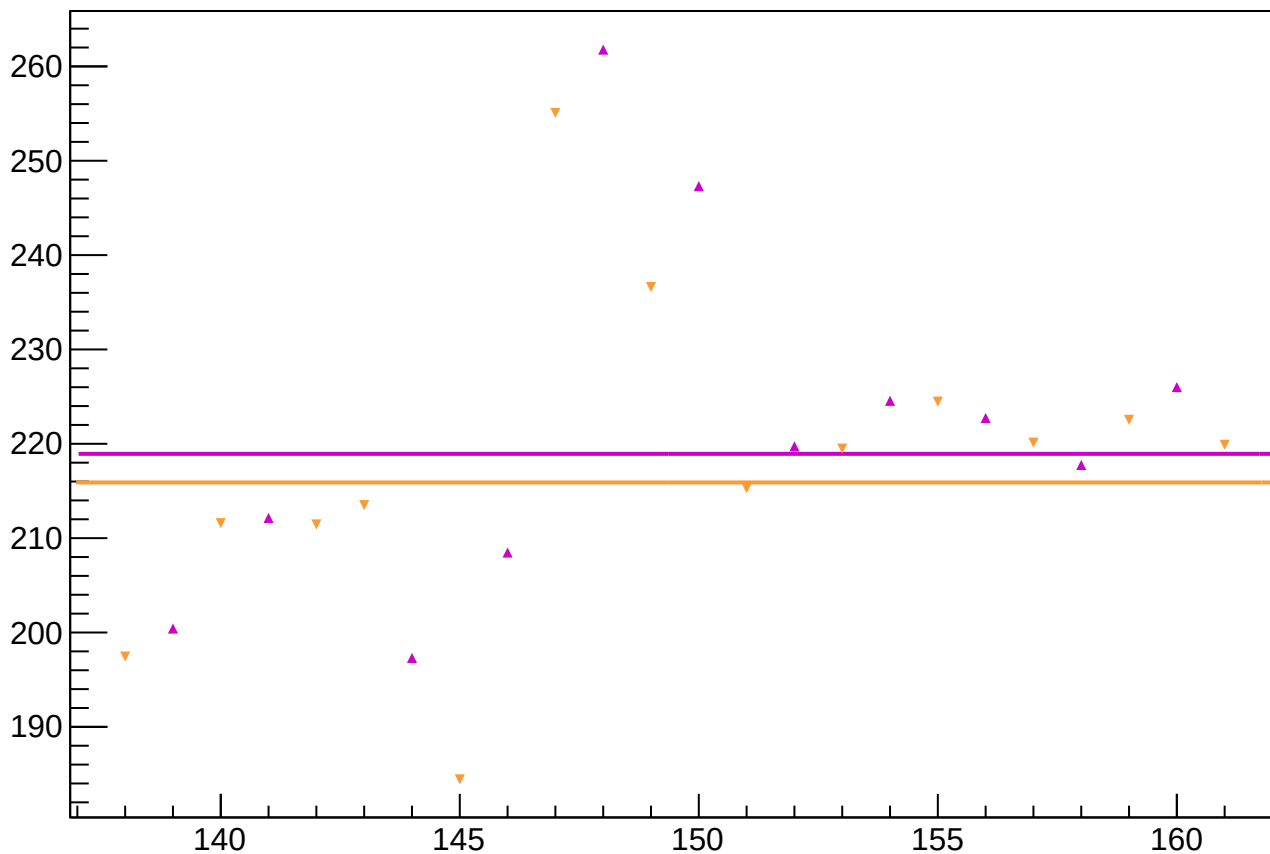
Left In: 290.265+/-72.968 χ^2/NDF : 5.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.463+/-50.312 χ^2/NDF : 55.1/23

- 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: 215.905+/-0.049 χ^2/NDF :111908.0/12

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

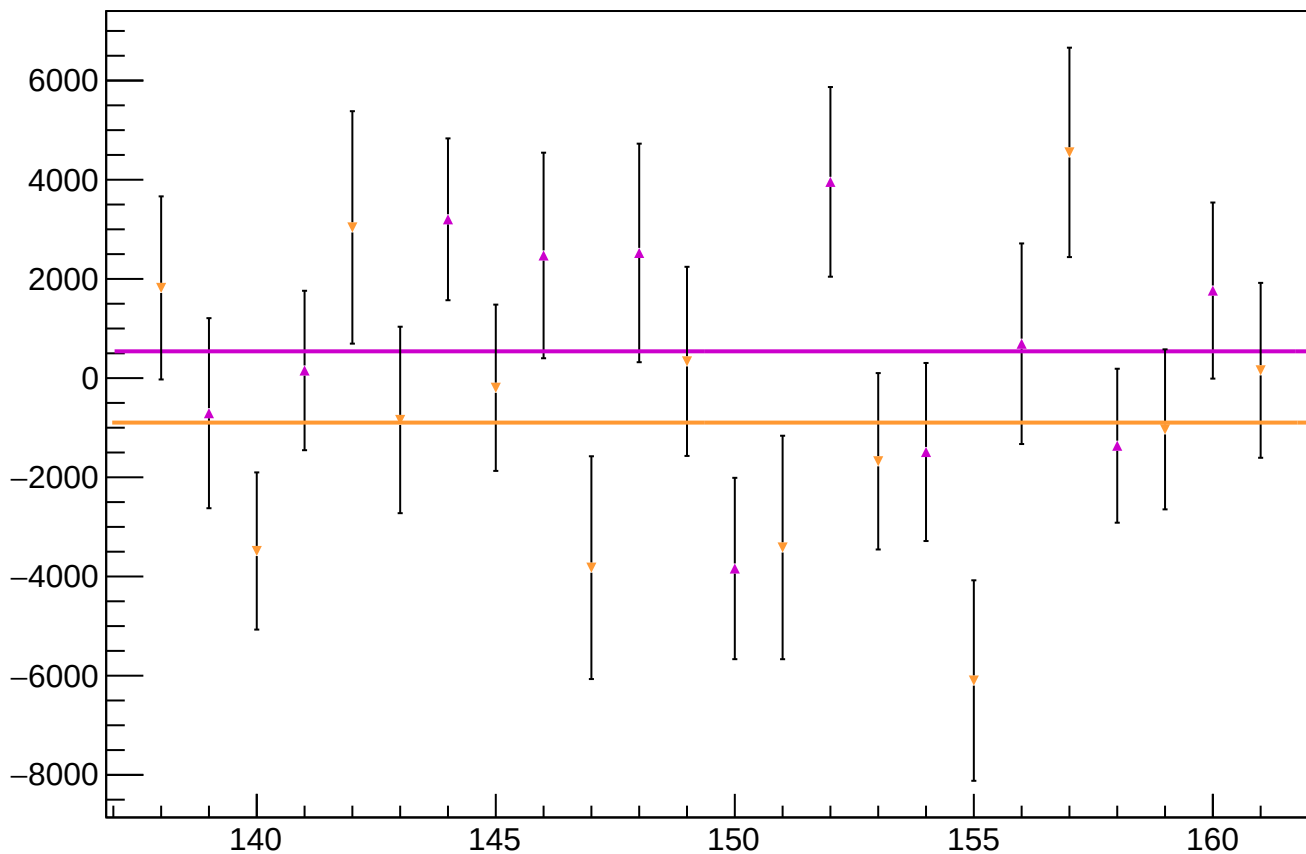
Left In: 218.938+/-0.052 χ^2/NDF :109266.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.347+/-0.036 χ^2/NDF : 222987.3/23

- 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: -896.753+/-521.713 χ^2/NDF :25.0/12

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

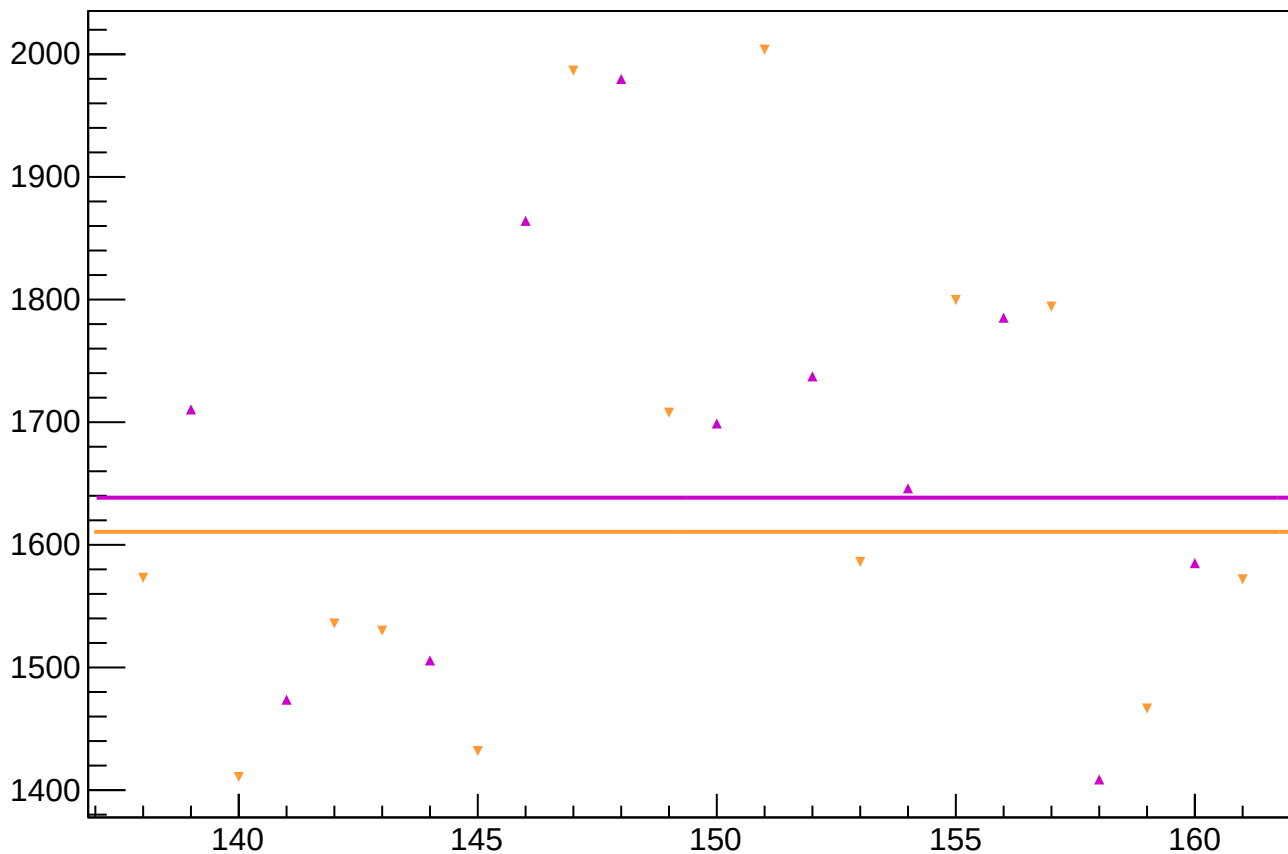
Left In: 540.068+/-547.687 χ^2/NDF :17.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.219+/-377.755 χ^2/NDF : 45.7/23

- 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: 1610.609+/-0.369 χ^2/NDF :233214.5/12

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

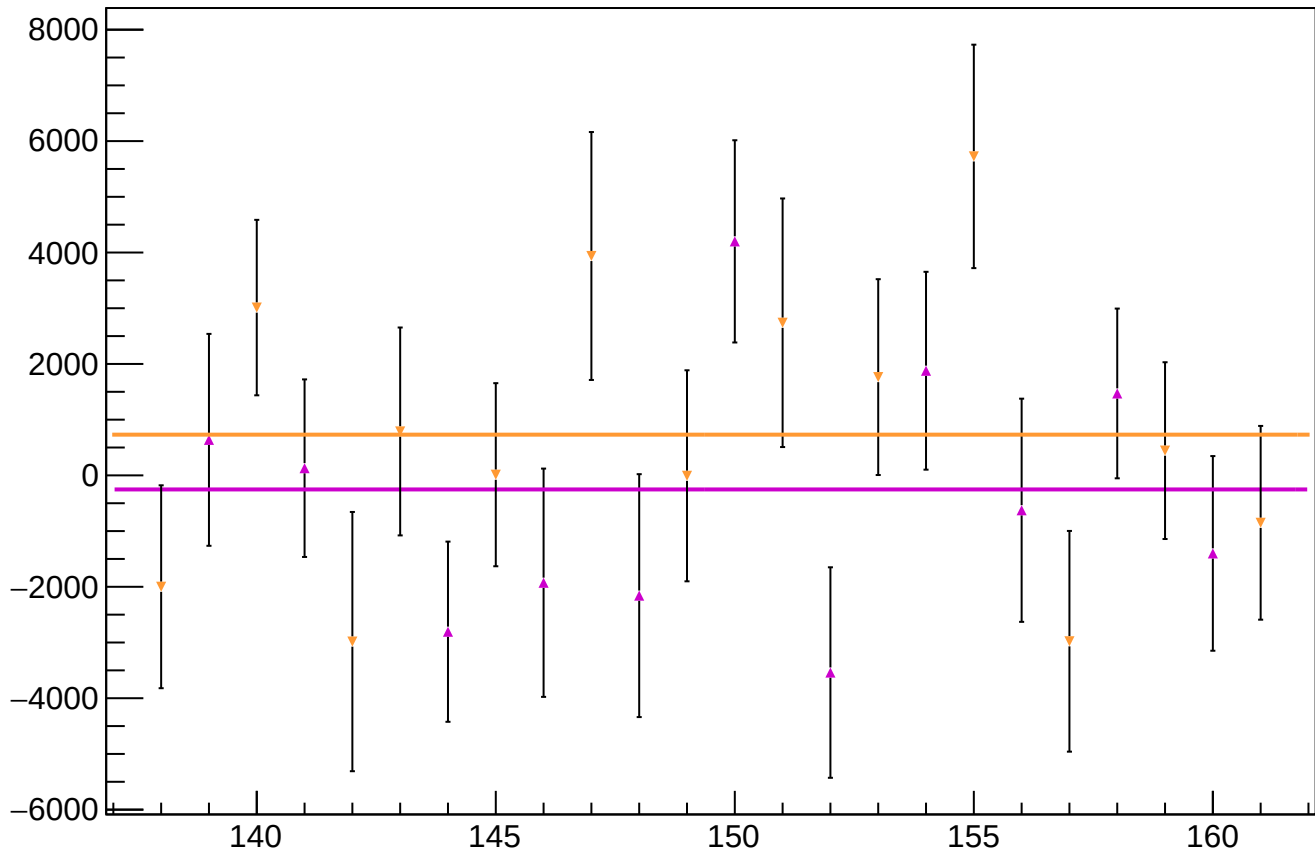
Left In: 1638.462+/-0.387 χ^2/NDF :172564.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1623.859+/-0.267 χ^2/NDF : 408490.6/23

- 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: 730.866+/-514.070 χ^2/NDF : 21.0/12

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

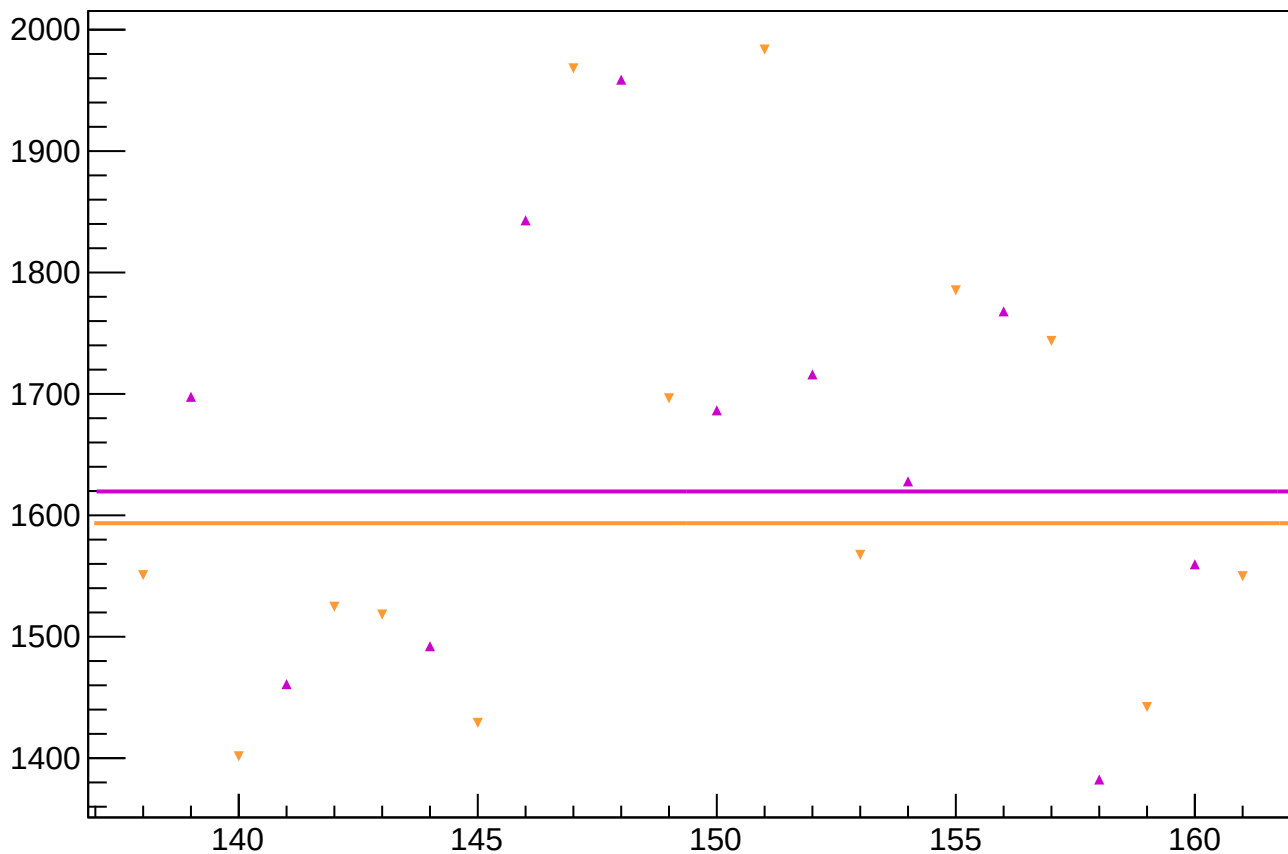
Left In: -252.523+/-541.530 χ^2/NDF : 16.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.736+/-372.832 χ^2/NDF : 39.2/23

- 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: 1593.536+/-0.364 χ^2/NDF : 229307.2/12

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

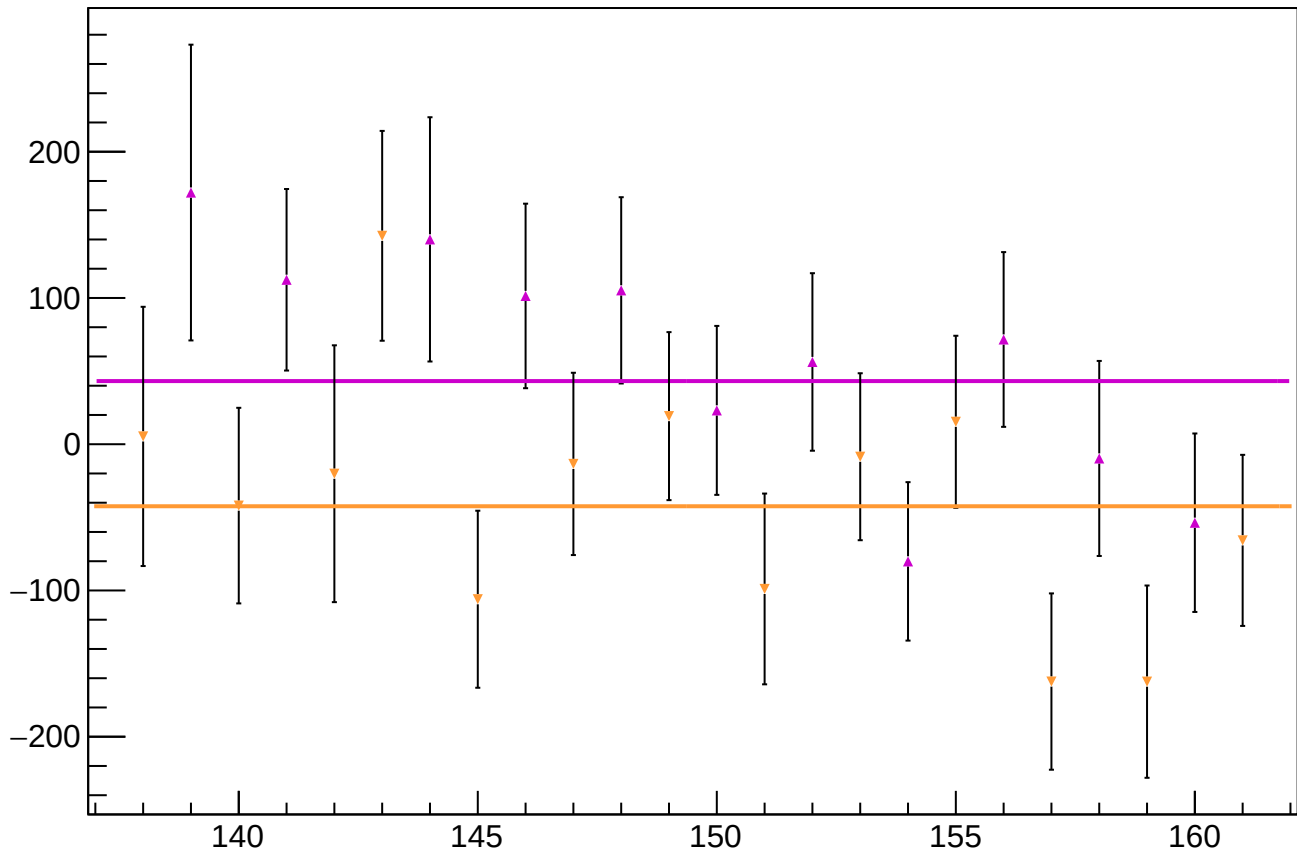
Left In: 1619.655+/-0.383 χ^2/NDF : 177583.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1605.916+/-0.264 χ^2/NDF : 409338.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -42.416 $\pm$ 17.851 χ^2 /NDF:19.0/12

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

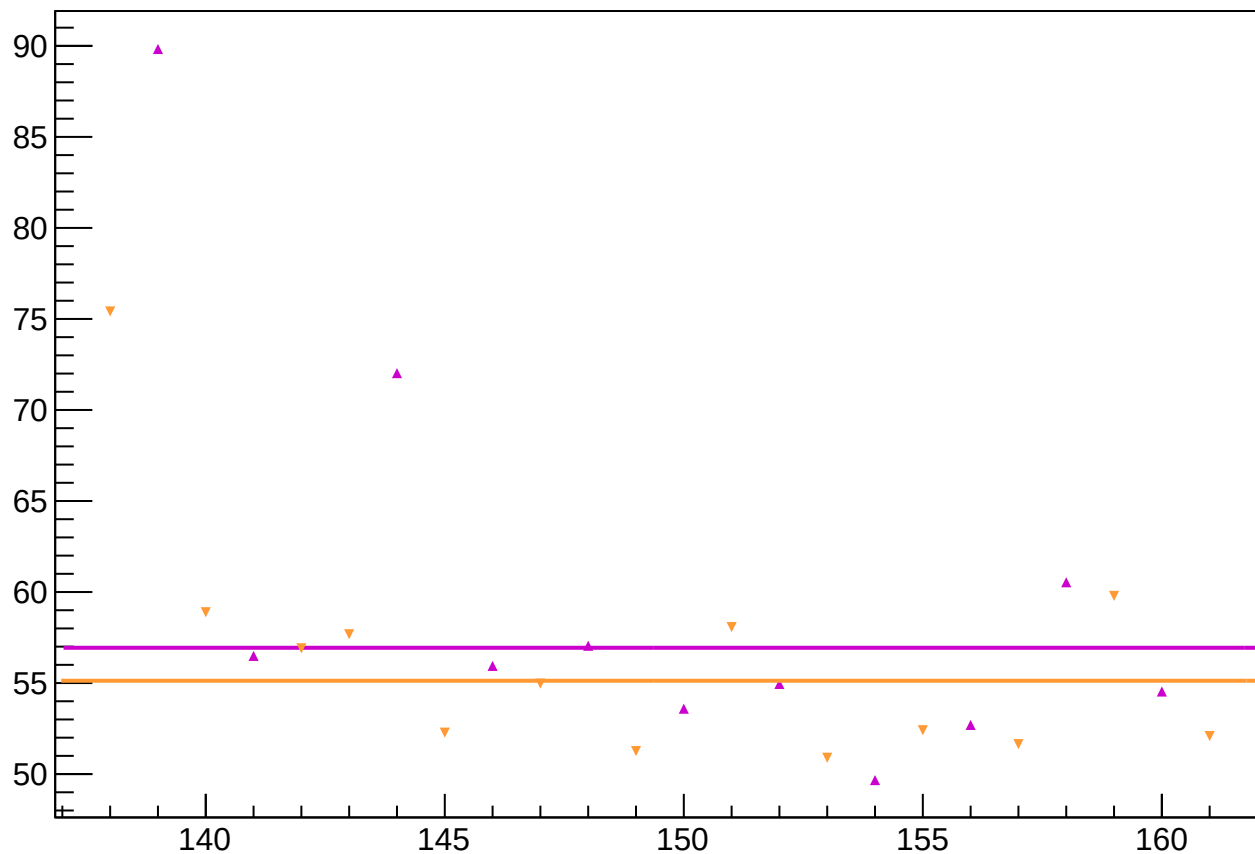
Left In: 43.174 $\pm$ 19.301 χ^2 /NDF:14.7/10

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

All: -2.958 $\pm$ 13.105 χ^2 /NDF: 44.3/23

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

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 55.127+/-0.013 χ^2/NDF : 169432.8/12

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

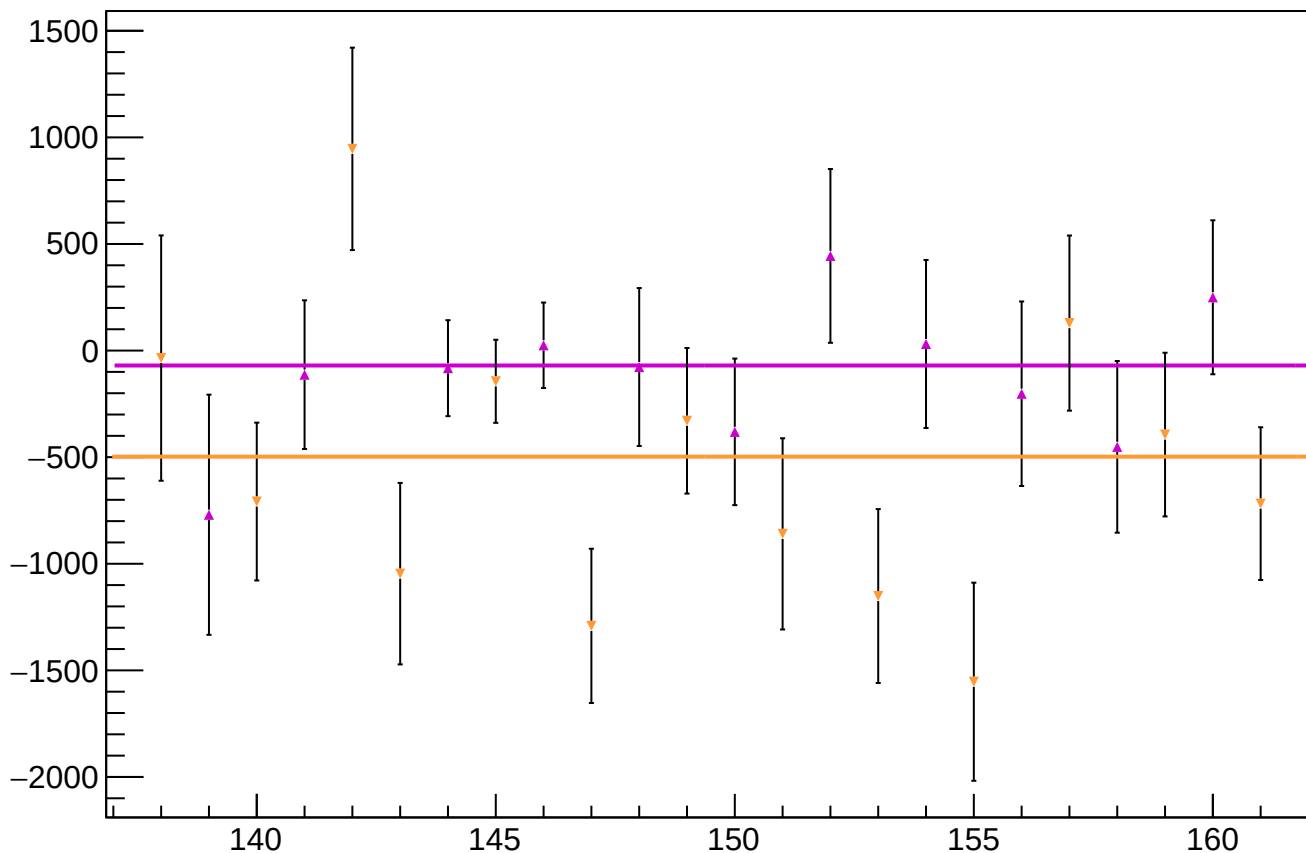
Left In: 56.938+/-0.014 χ^2/NDF : 341344.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.962+/-0.009 χ^2/NDF : 520264.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -497.563+/-100.525 χ^2/NDF : 31.4/12

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

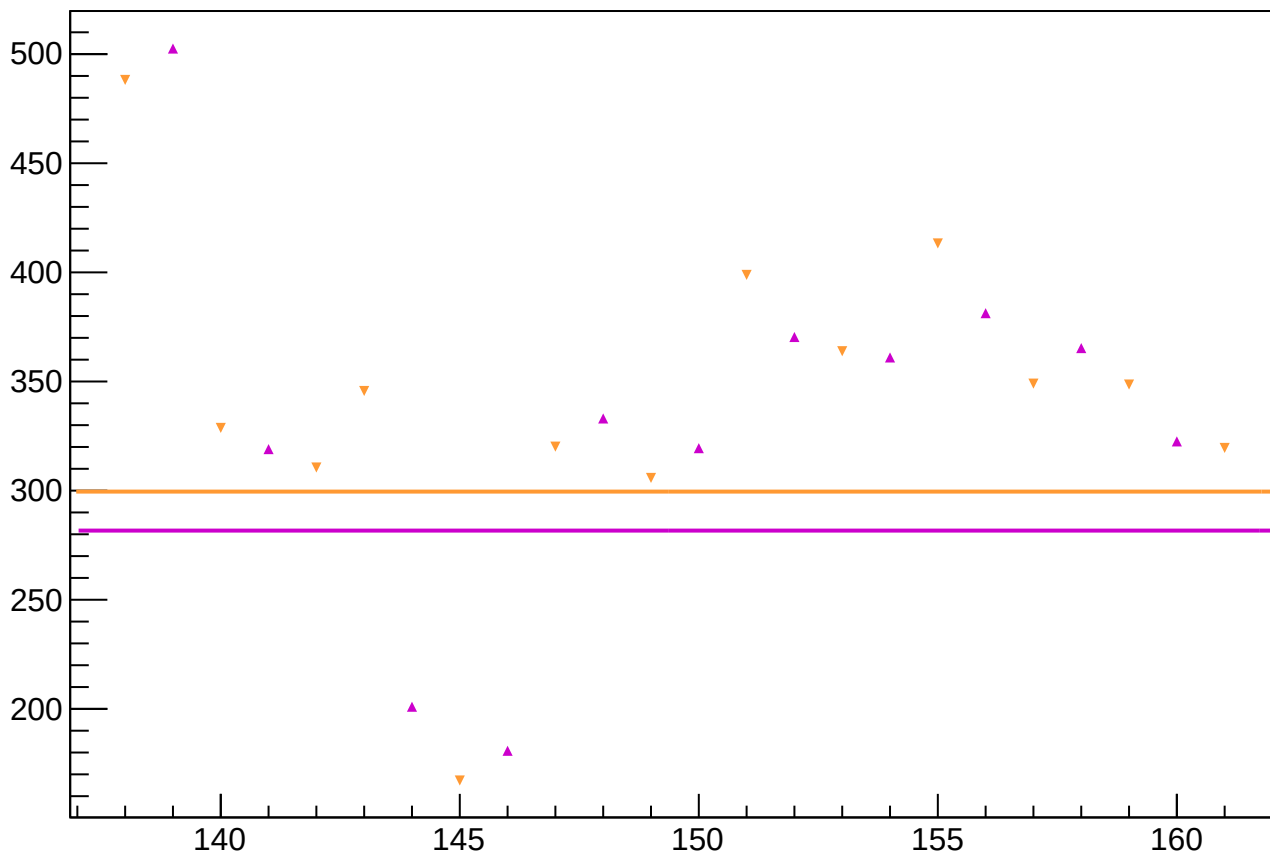
Left In: -69.966+/-98.351 χ^2/NDF : 6.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -279.090+/-70.301 χ^2/NDF : 46.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 299.559+/-0.071 χ^2/NDF :1517526.2/12

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

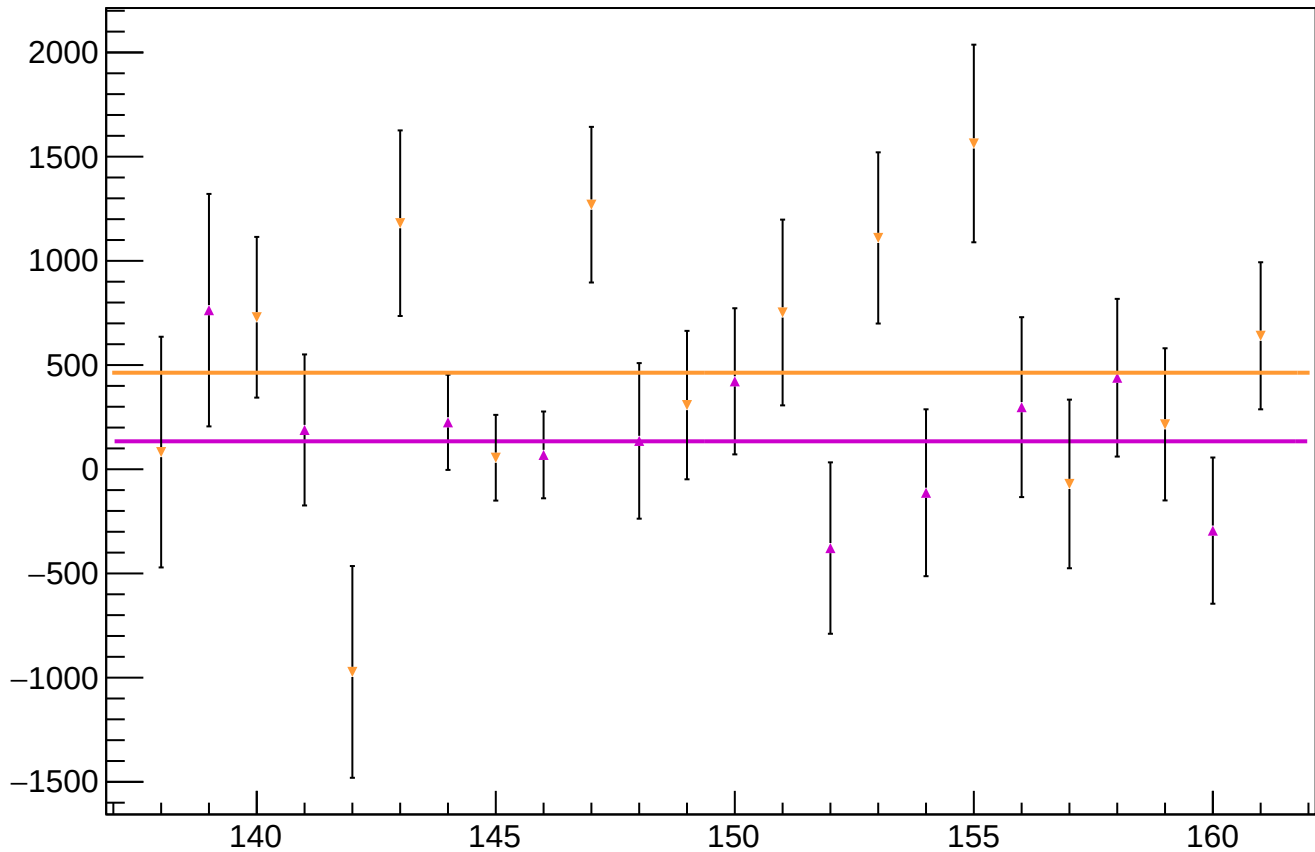
Left In: 281.689+/-0.070 χ^2/NDF :1550258.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.429+/-0.050 χ^2/NDF : 3100075.6/23

- 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: 463.247+/-102.785 χ^2/NDF : 31.1/12

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

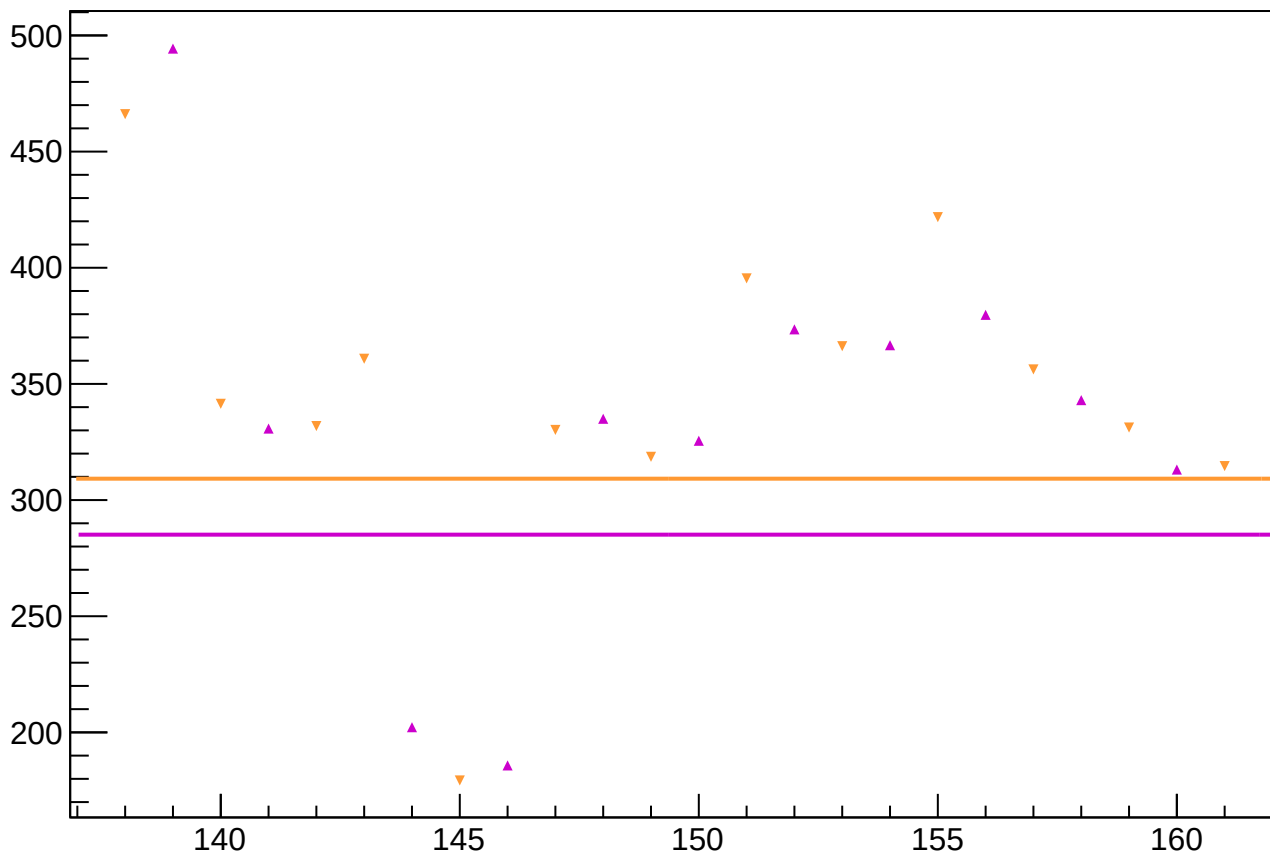
Left In: 134.079+/-99.511 χ^2/NDF : 6.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.337+/-71.494 χ^2/NDF : 42.8/23

- 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: 309.205+/-0.073 χ^2/NDF :1271964.8/12

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

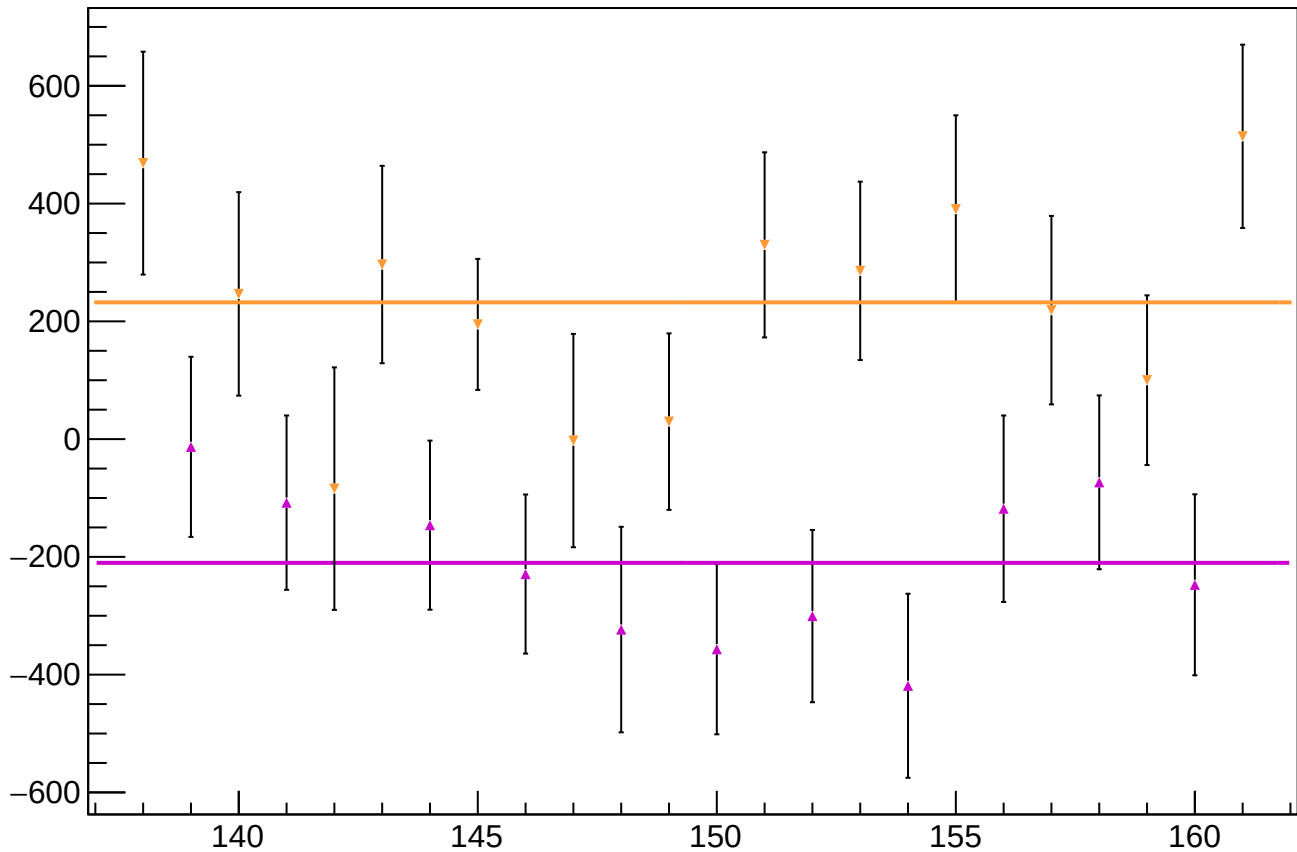
Left In: 285.110+/-0.070 χ^2/NDF :1424801.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.768+/-0.051 χ^2/NDF : 2753496.7/23

- 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: 232.245+/-43.512 χ^2/NDF :13.3/12

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

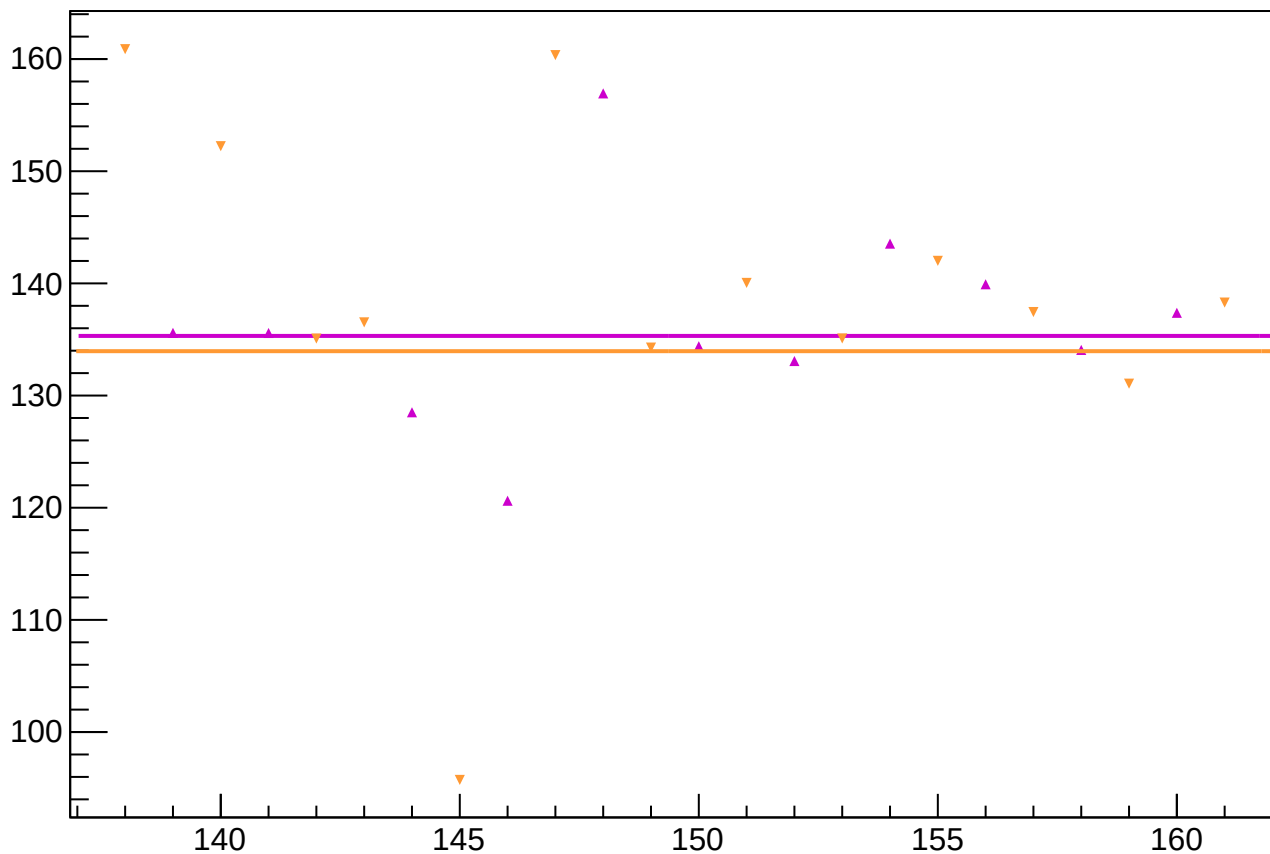
Left In: -210.128+/-45.262 χ^2/NDF :7.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.774+/-31.368 χ^2/NDF : 70.2/23

- 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: 133.956+/-0.031 χ^2/NDF : 353399.0/12

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

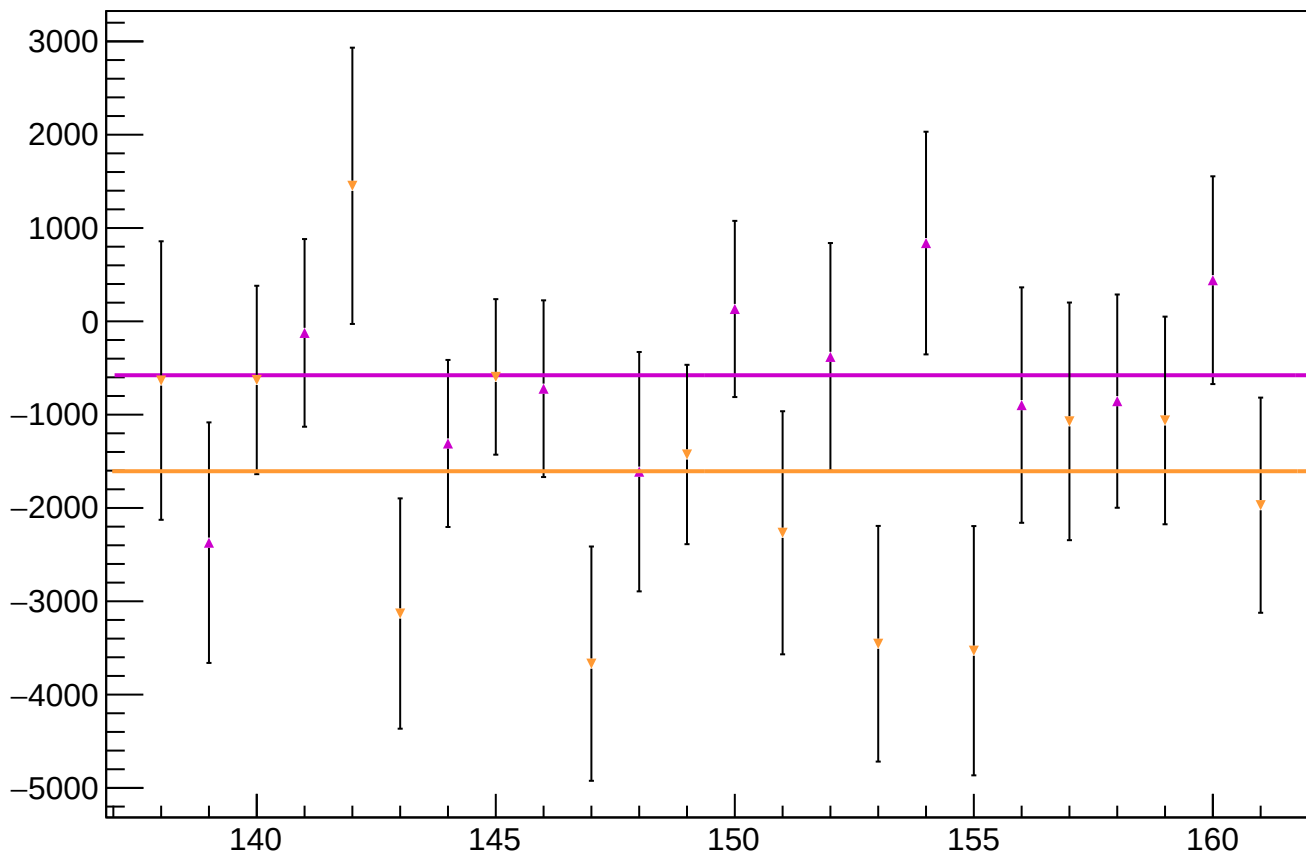
Left In: 135.317+/-0.032 χ^2/NDF : 67152.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.610+/-0.022 χ^2/NDF : 421490.9/23

- 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: -1606.266+/-321.837 χ^2/NDF :16.4/12

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

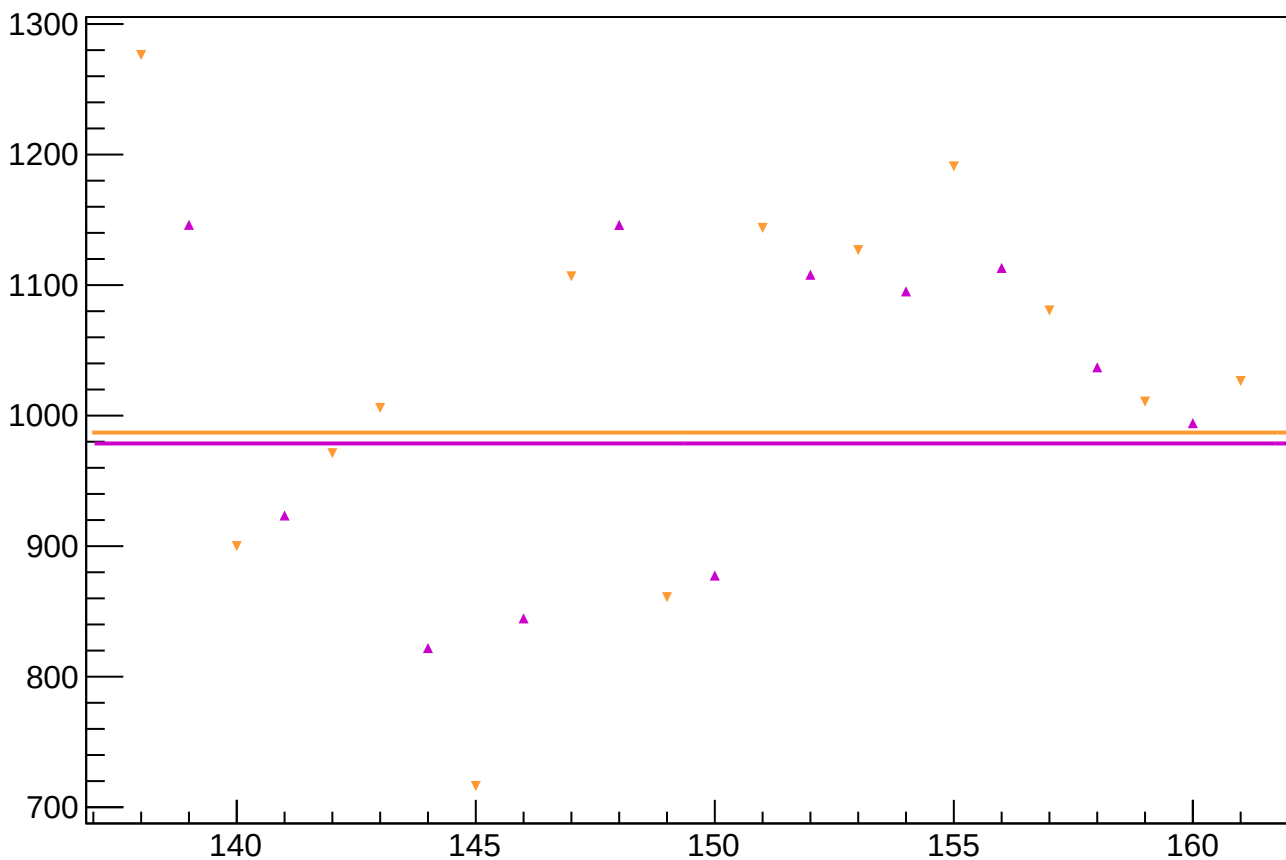
Left In: -577.636+/-328.620 χ^2/NDF :6.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1102.677+/-229.934 χ^2/NDF : 27.8/23

- 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: 987.024+/-0.228 χ^2/NDF : 468558.2/12

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

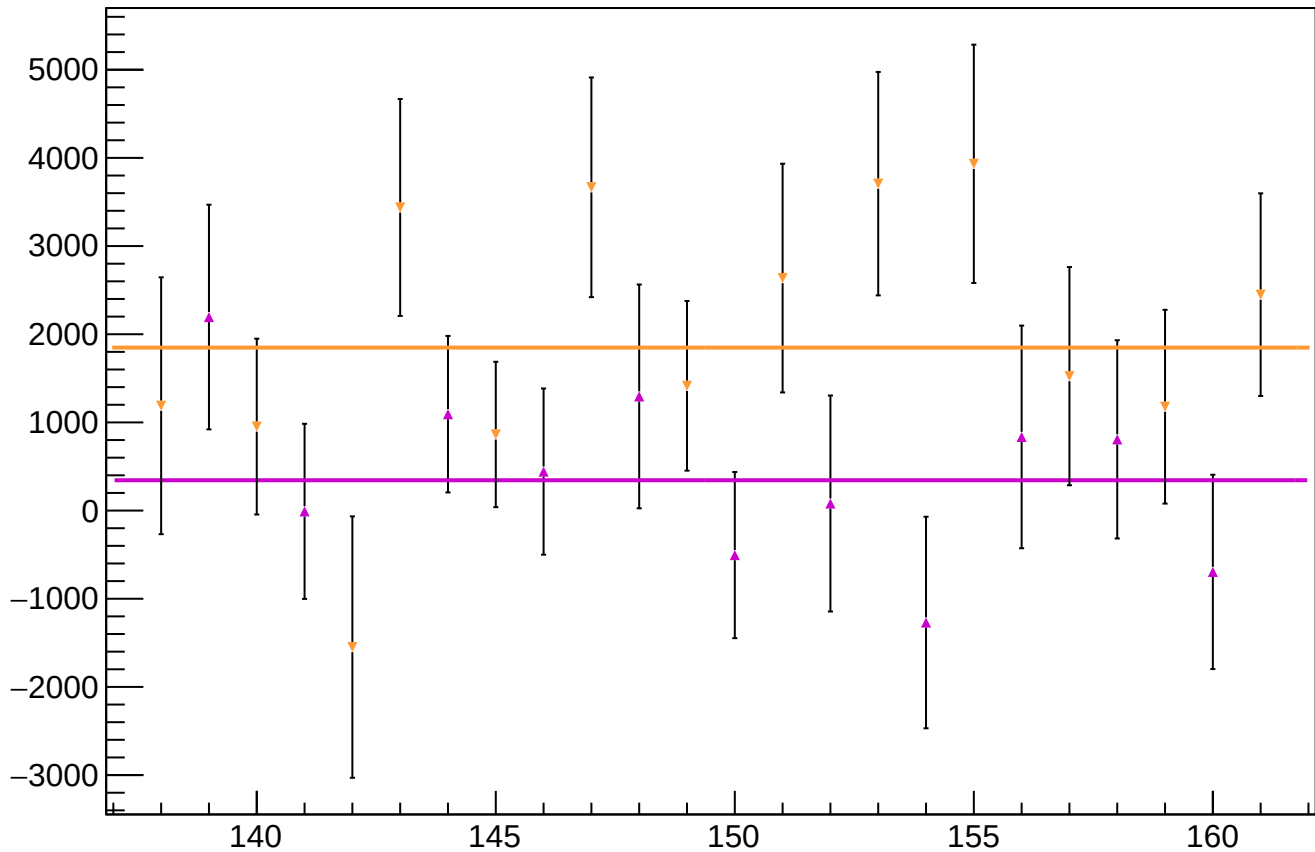
Left In: 978.671+/-0.232 χ^2/NDF : 268112.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.935+/-0.163 χ^2/NDF : 737329.8/23

- 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: 1848.641+/-319.562 χ^2/NDF : 17.3/12

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

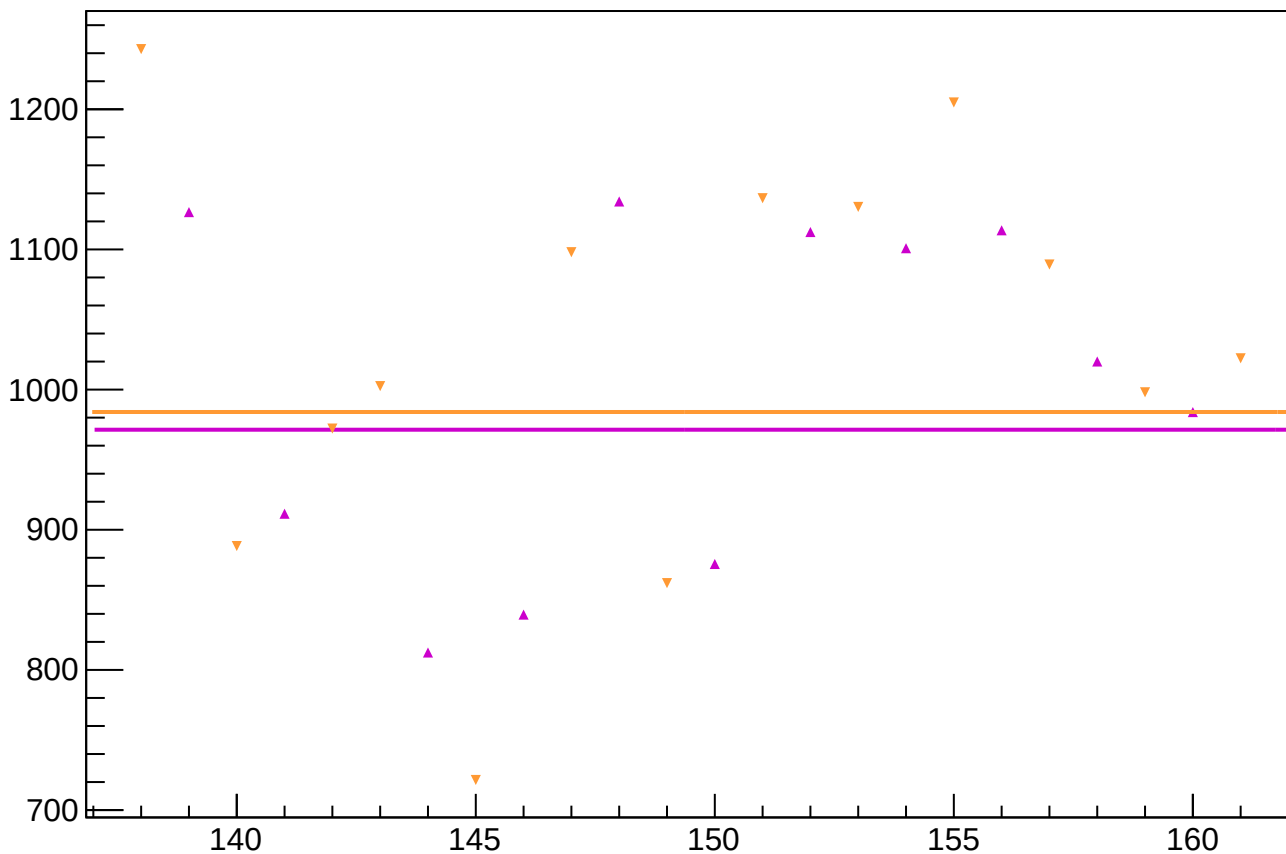
Left In: 344.005+/-326.575 χ^2/NDF : 7.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1112.653+/-228.403 χ^2/NDF : 35.6/23

- 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: 984.025+/-0.226 χ^2/NDF : 458769.6/12

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

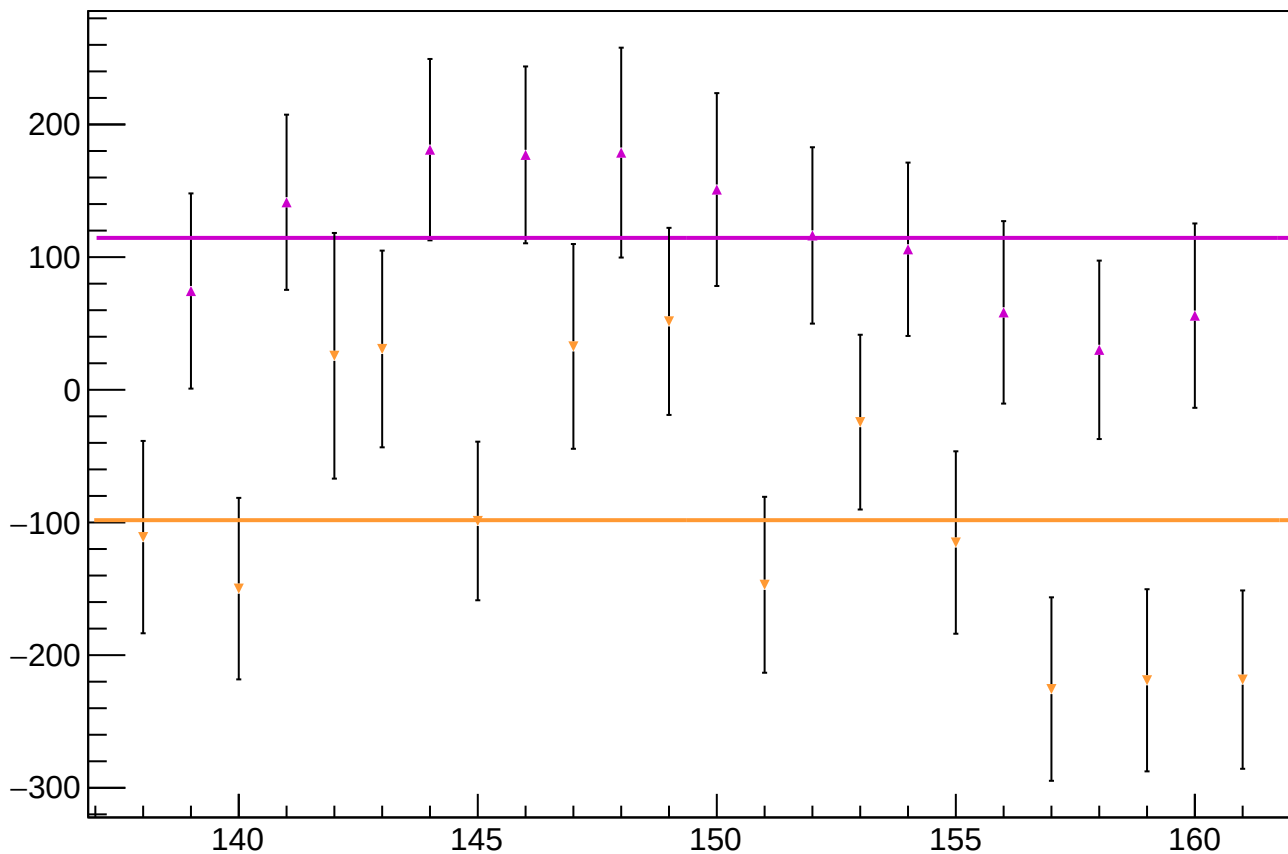
Left In: 971.379+/-0.231 χ^2/NDF : 273153.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.839+/-0.162 χ^2/NDF : 733455.2/23

- 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: -98.266 $\pm$ 19.375 χ^2 /NDF:24.4/12

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

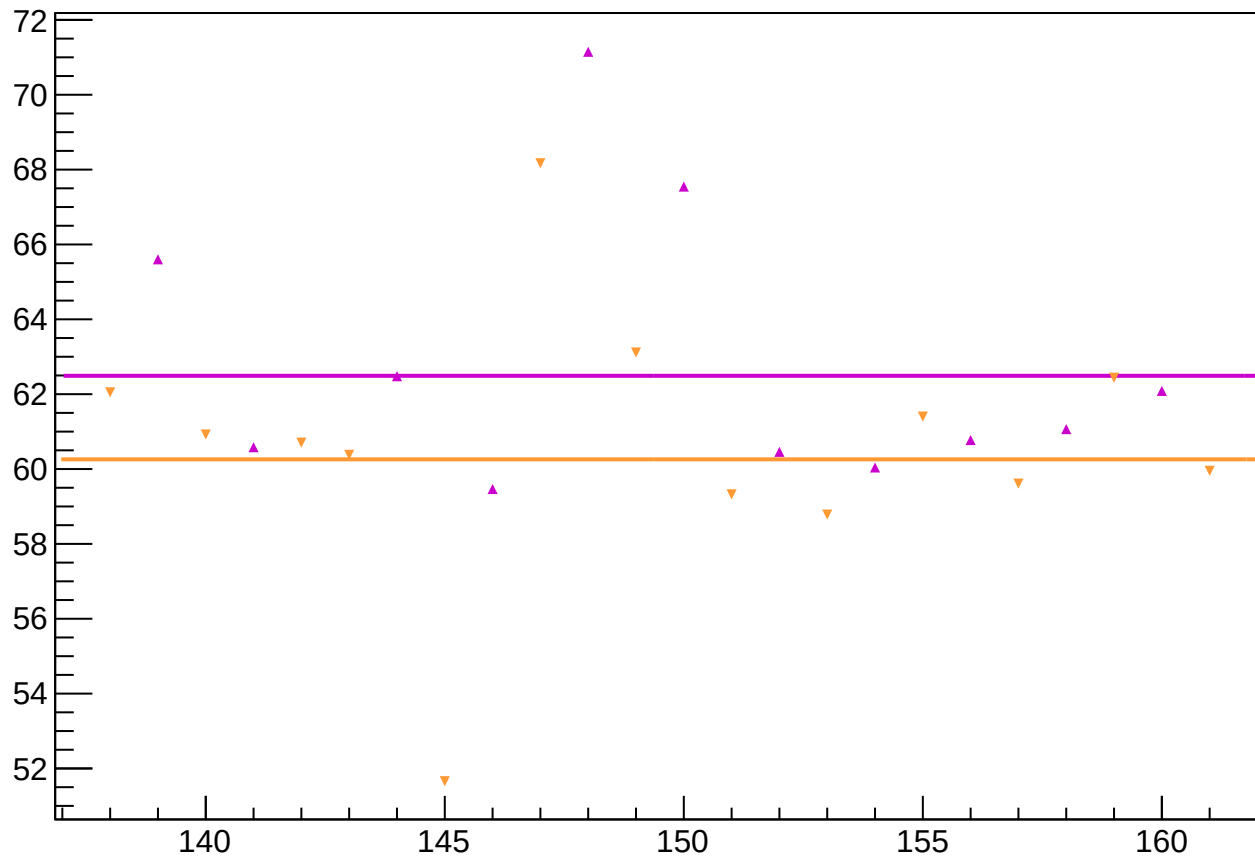
Left In: 114.502 $\pm$ 20.839 χ^2 /NDF:6.2/10

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

All: 0.385 $\pm$ 14.190 χ^2 /NDF: 86.4/23

- 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: 60.259+/-0.014 χ^2/NDF : 71341.1/12

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

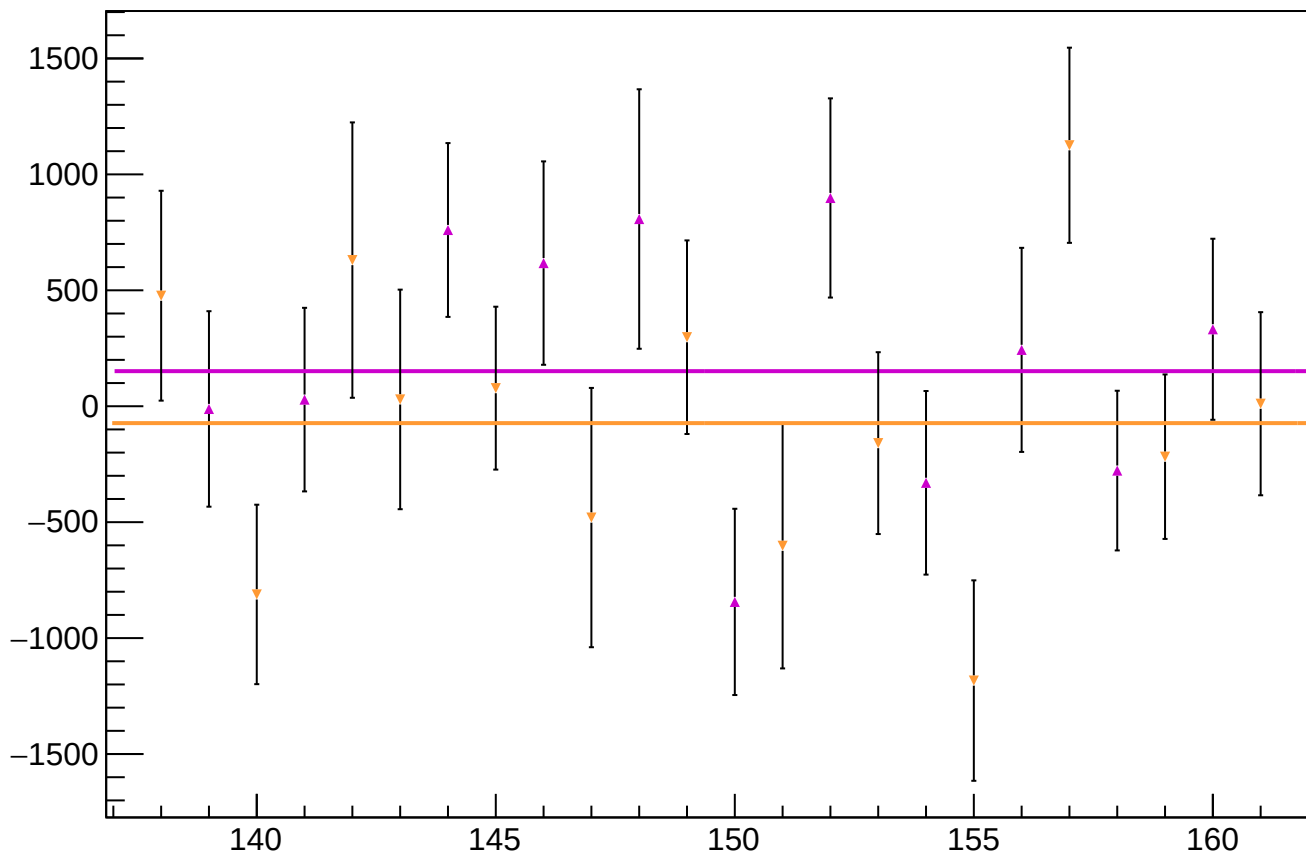
Left In: 62.491+/-0.015 χ^2/NDF : 49893.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.294+/-0.010 χ^2/NDF : 133540.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -72.799+/-118.404 χ^2/NDF : 24.0/12

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

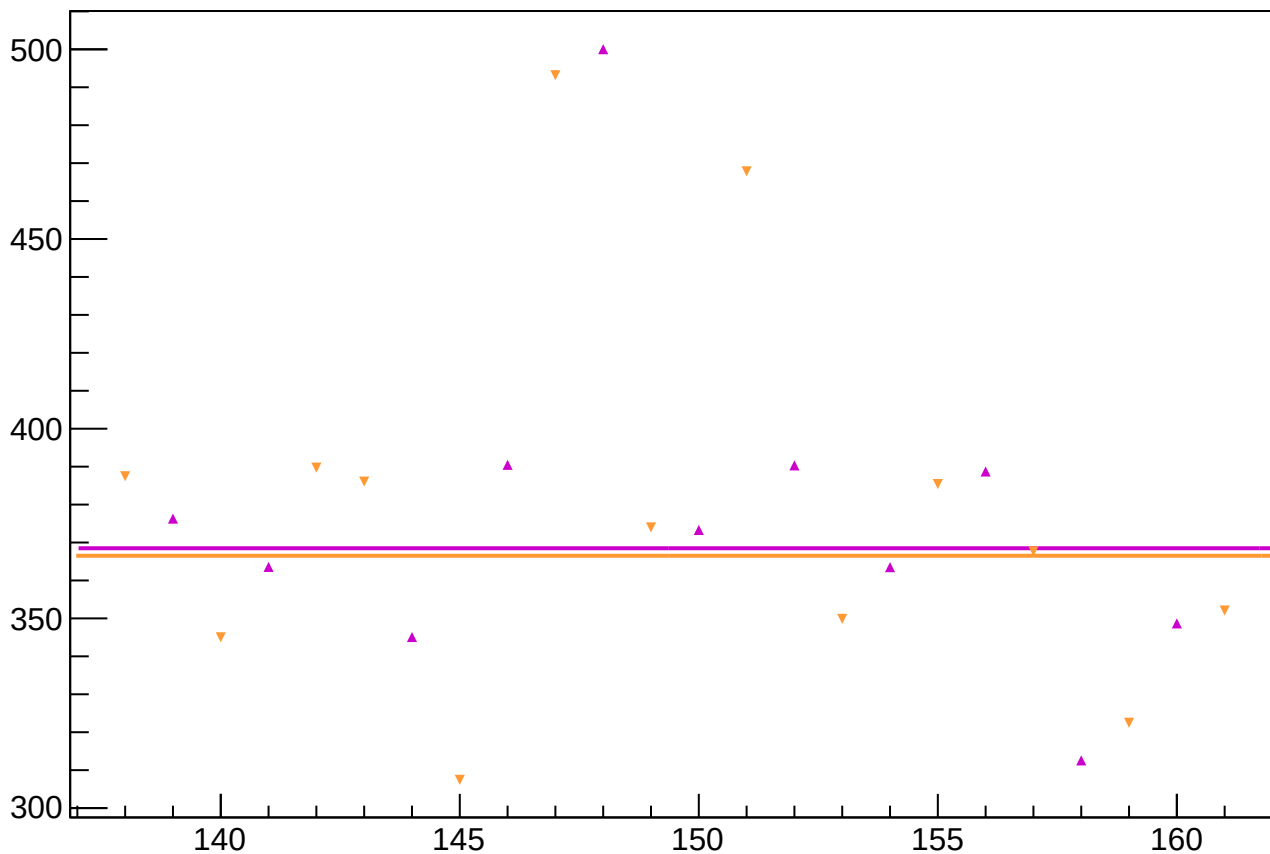
Left In: 151.311+/-123.400 χ^2/NDF : 17.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.628+/-85.436 χ^2/NDF : 43.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_rms vs Slug



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

Left Out: 366.514+/-0.084 χ^2/NDF : 291016.7/12

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

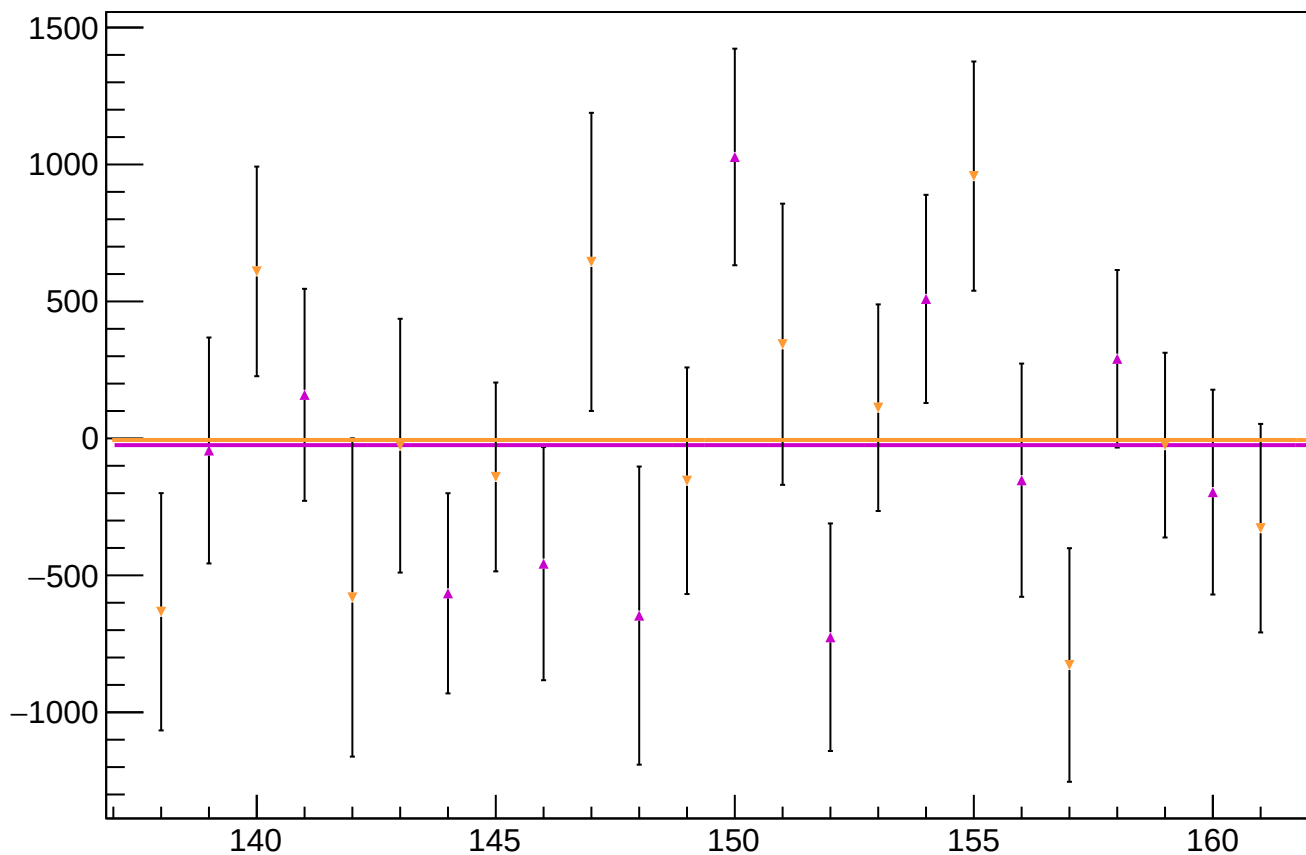
Left In: 368.489+/-0.087 χ^2/NDF : 192223.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.461+/-0.060 χ^2/NDF : 483506.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



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

Left Out: -5.776+/-115.352 χ^2/NDF :17.7/12

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

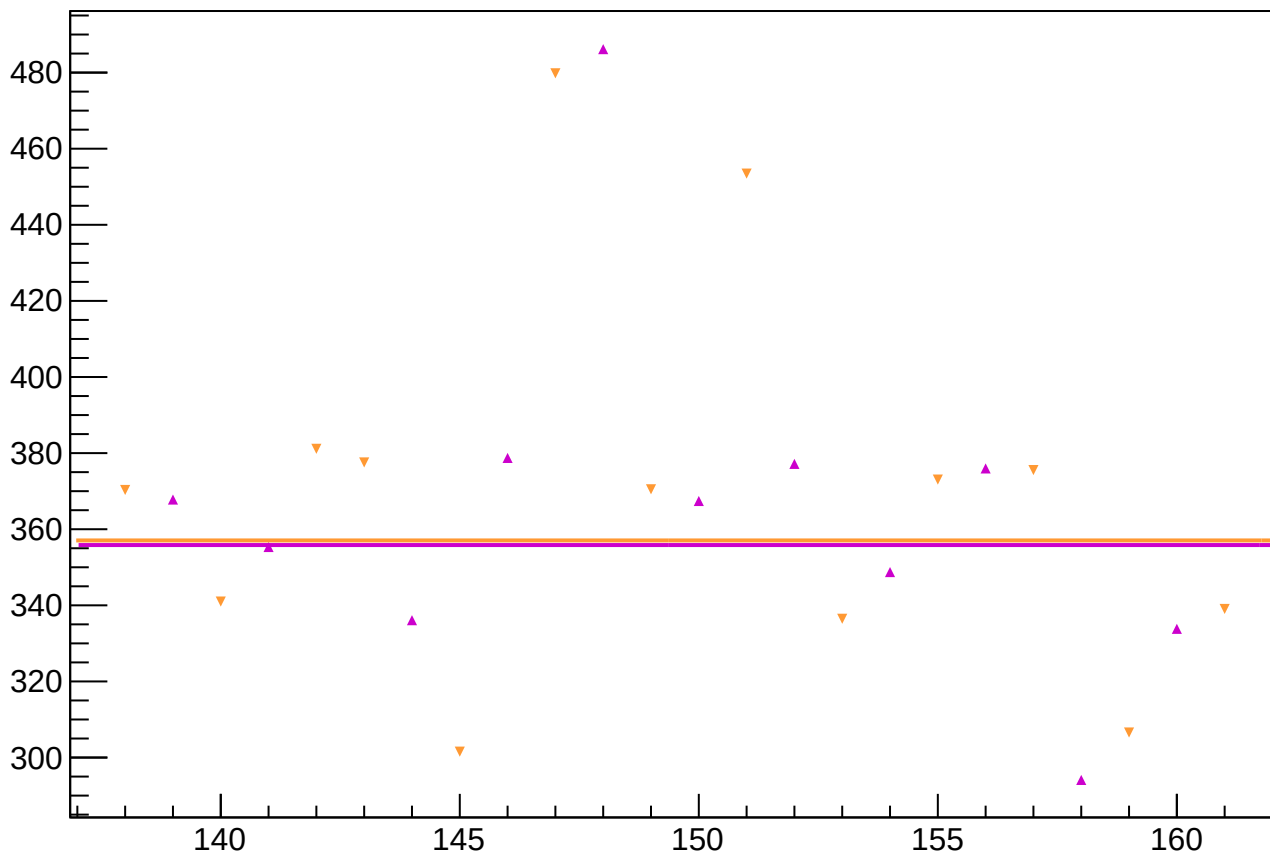
Left In: -24.570+/-119.306 χ^2/NDF :17.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.857+/-82.929 χ^2/NDF : 35.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_rms vs Slug



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

Left Out: 357.052+/-0.082 χ^2/NDF :300945.4/12

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

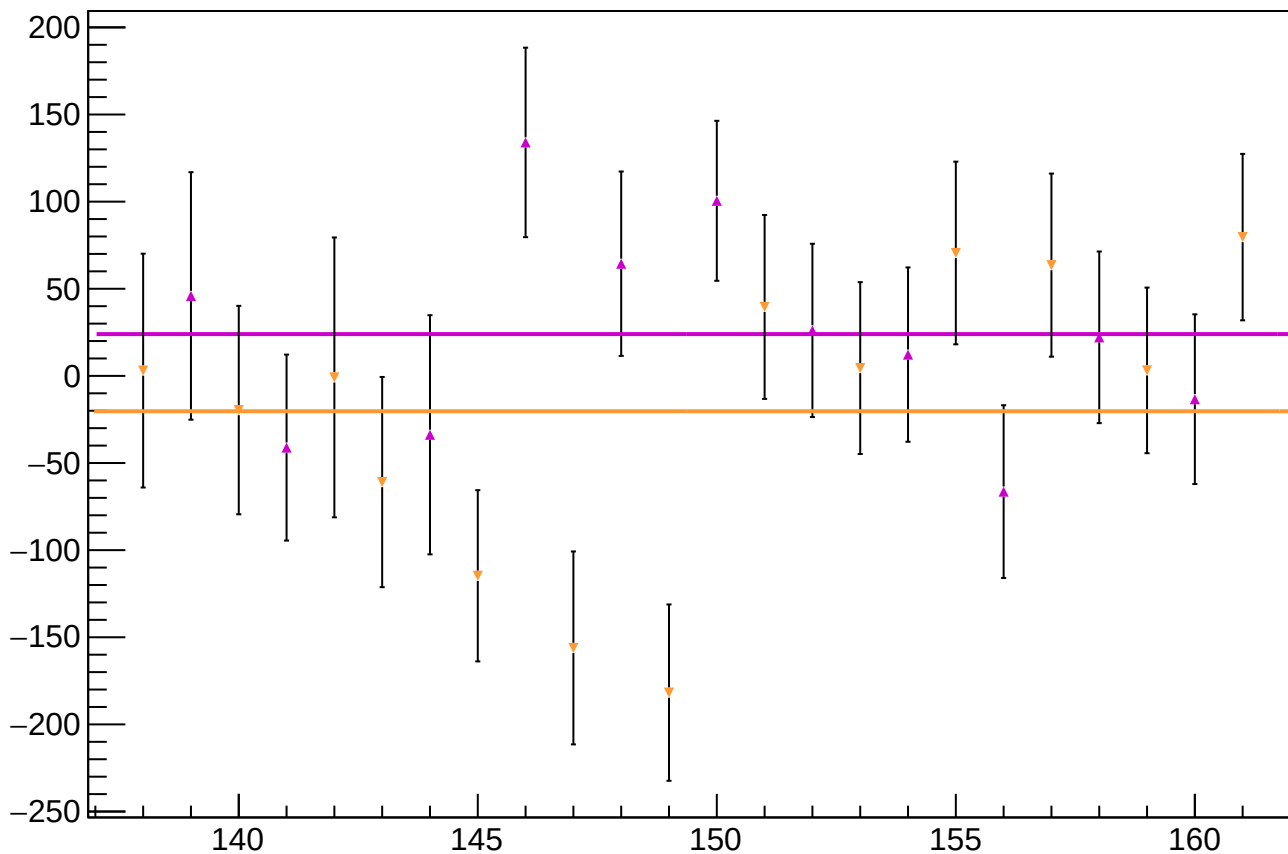
Left In: 355.841+/-0.084 χ^2/NDF :219651.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.467+/-0.059 χ^2/NDF : 520703.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -20.285+/-15.007 χ^2/NDF : 32.2/12

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

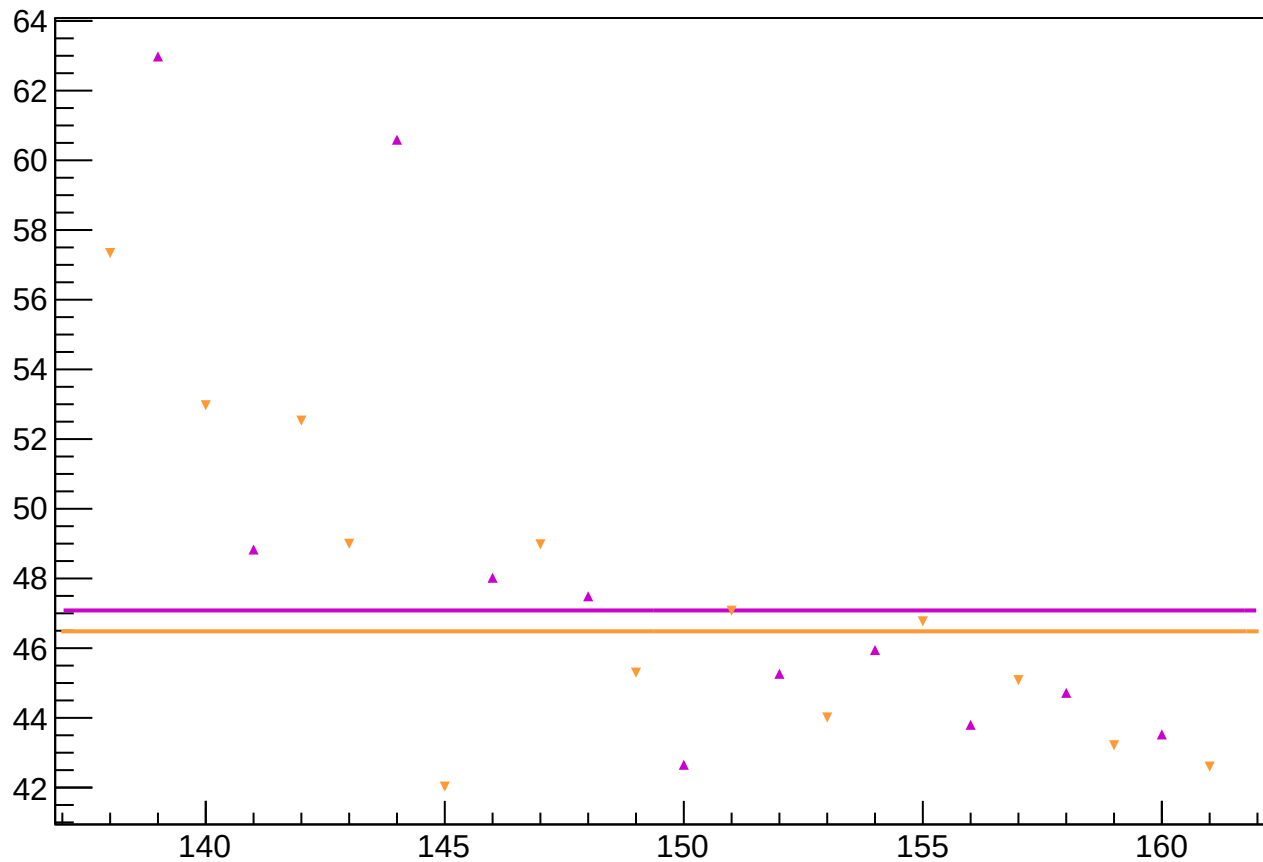
Left In: 23.986+/-15.858 χ^2/NDF : 13.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.631+/-10.900 χ^2/NDF : 50.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 46.483+/-0.011 χ^2/NDF :141728.6/12

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

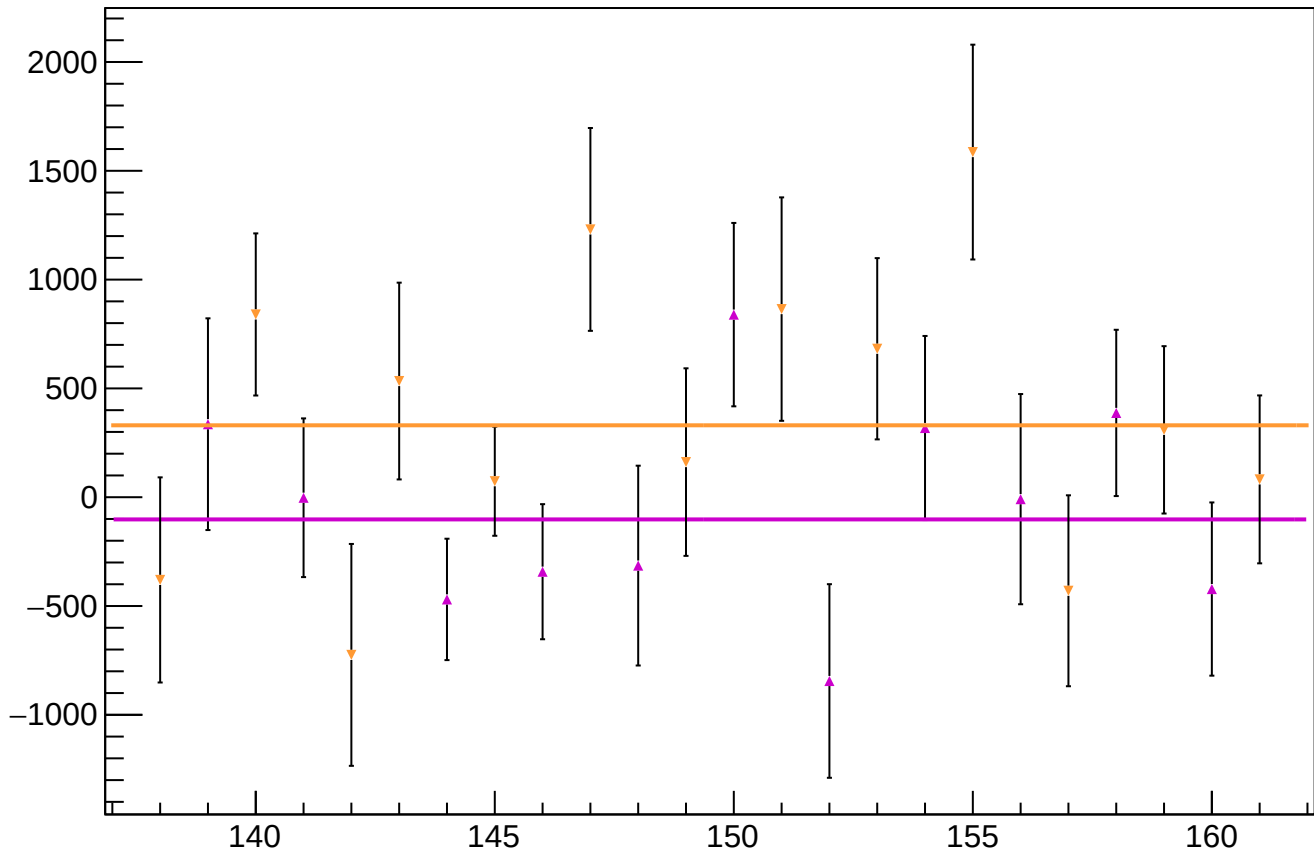
Left In: 47.083+/-0.011 χ^2/NDF :226960.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.766+/-0.008 χ^2/NDF : 370195.9/23

- 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: 330.463+/-112.733 χ^2/NDF : 25.3/12

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

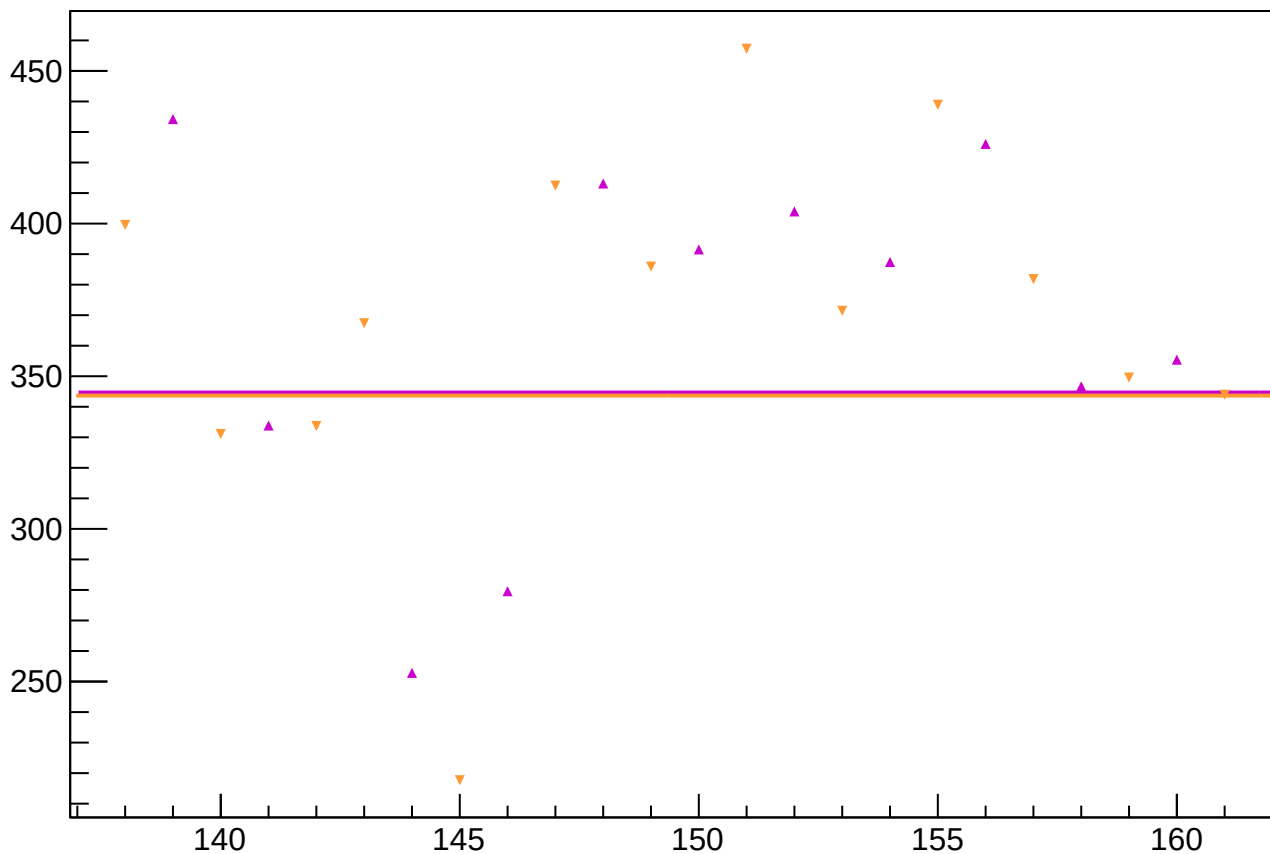
Left In: -102.031+/-116.685 χ^2/NDF : 14.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.663+/-81.076 χ^2/NDF : 46.9/23

- 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: 343.661+/-0.080 χ^2/NDF : 801557.8/12

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

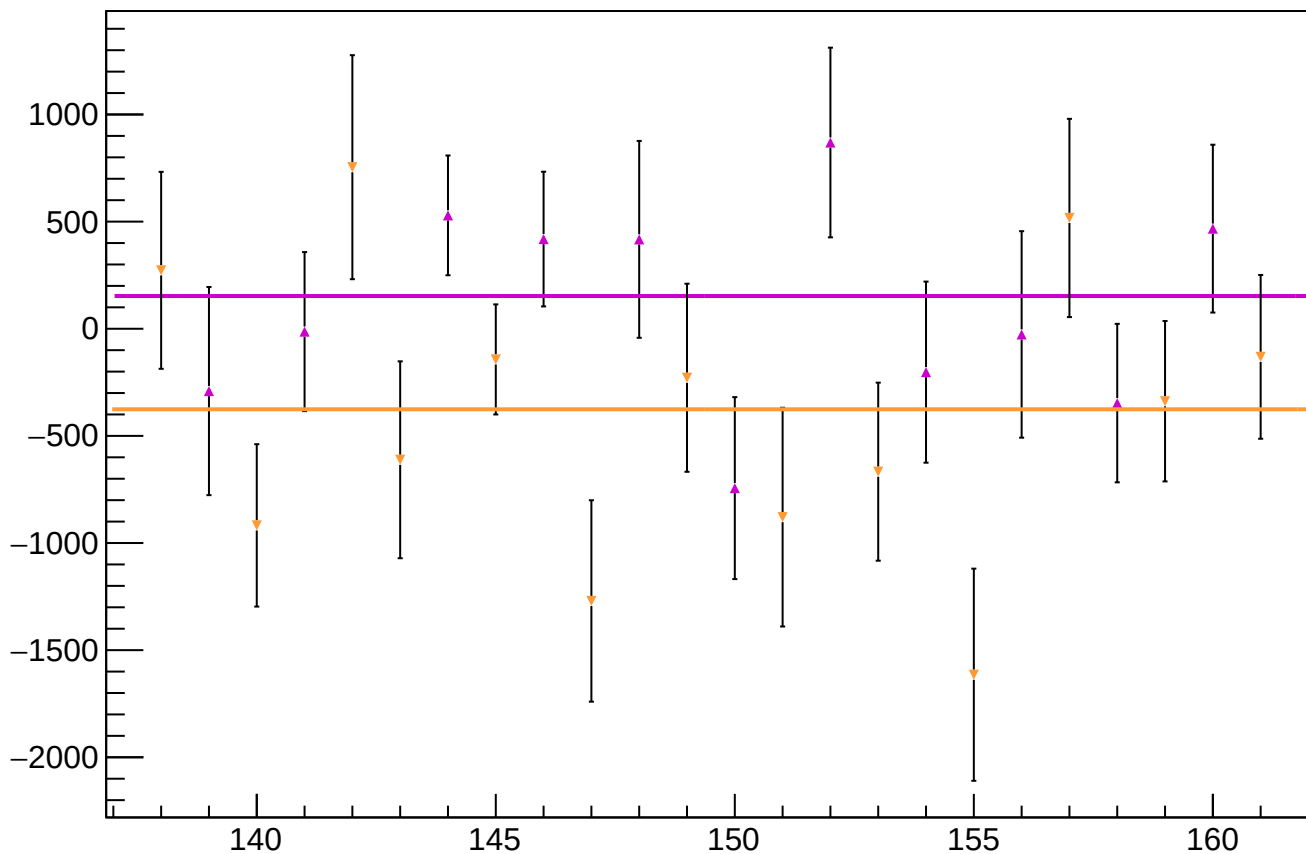
Left In: 344.671+/-0.083 χ^2/NDF : 557889.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.148+/-0.057 χ^2/NDF : 1359525.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -375.892 $\pm$ 113.712 χ^2 /NDF:25.4/12

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

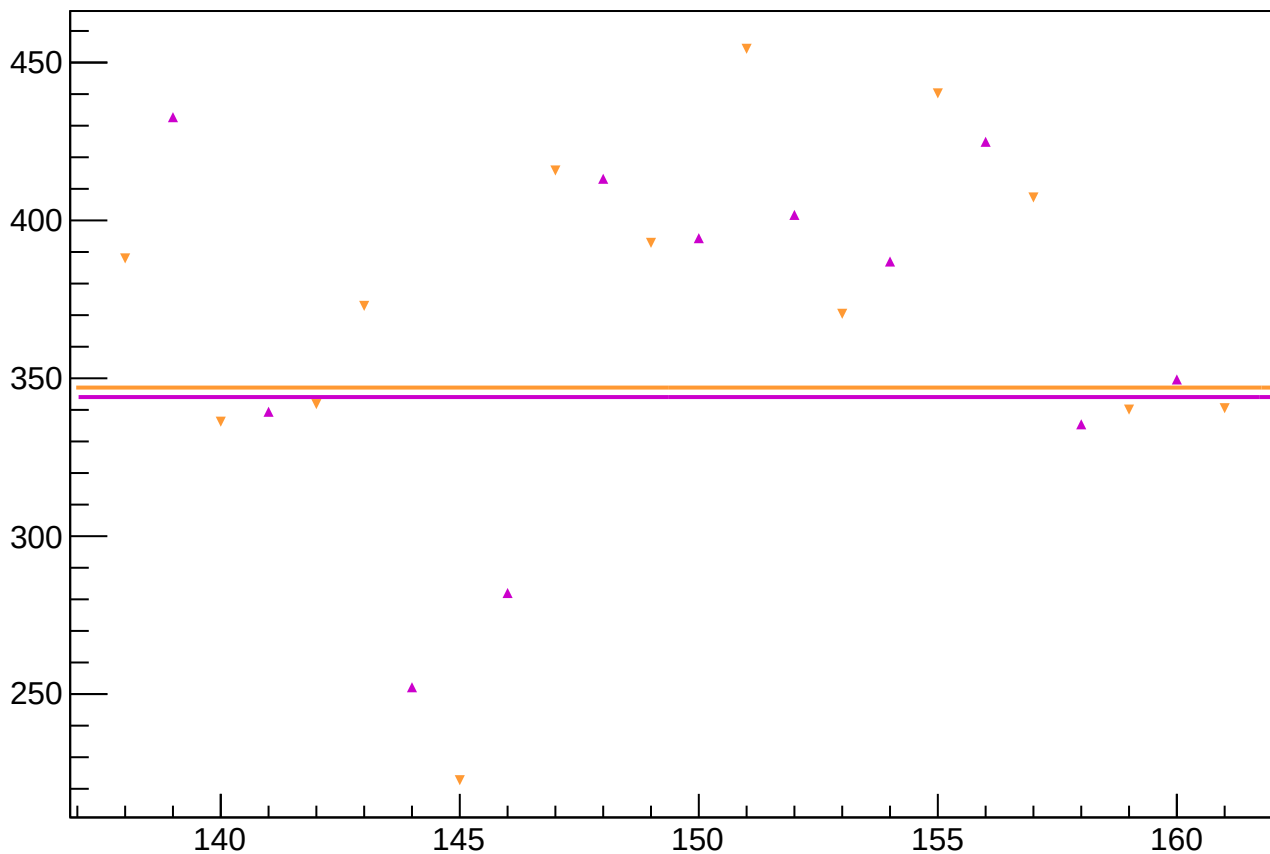
Left In: 152.713 $\pm$ 116.600 χ^2 /NDF:14.3/10

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

All: -118.218 $\pm$ 81.408 χ^2 /NDF: 50.2/23

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

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 347.066+/-0.080 χ^2/NDF : 757963.3/12

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

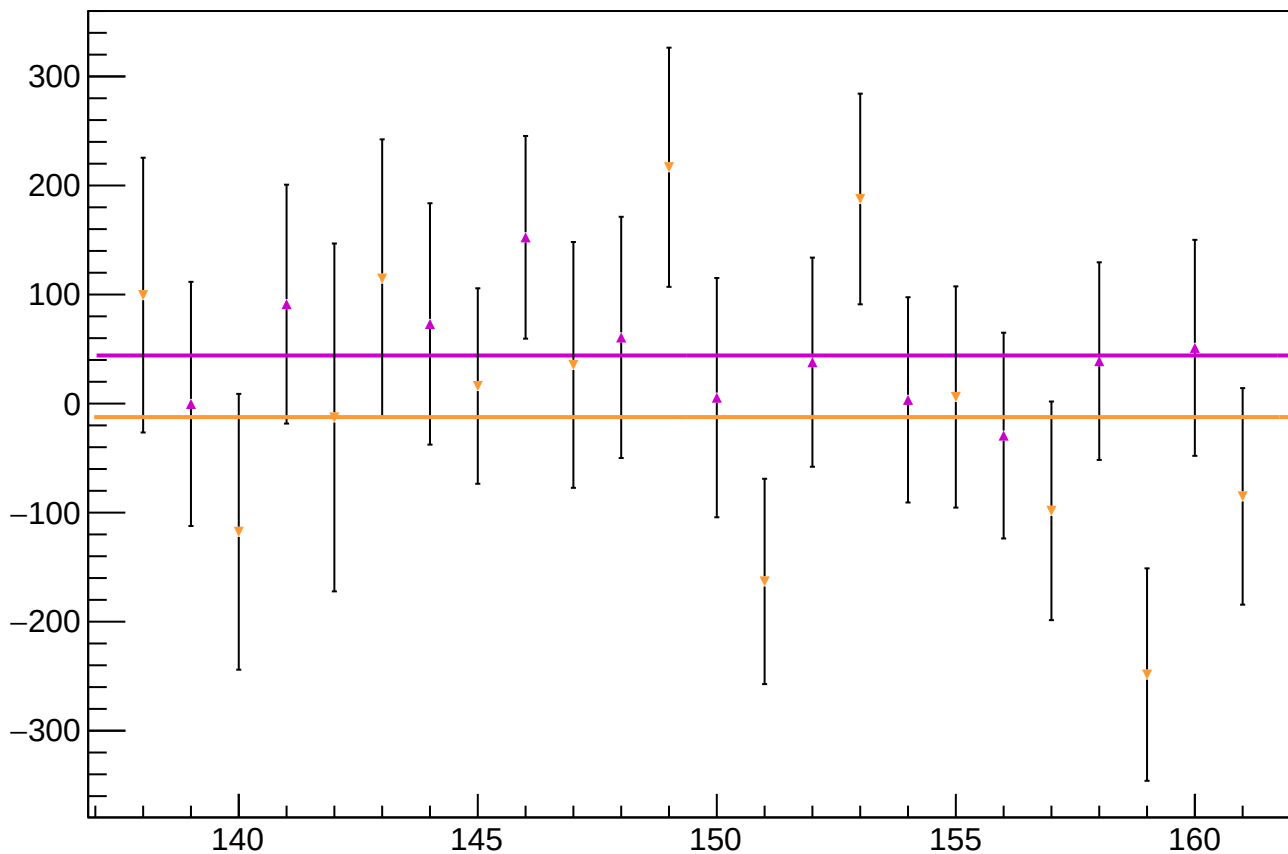
Left In: 344.059+/-0.082 χ^2/NDF : 546994.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.600+/-0.058 χ^2/NDF : 1305638.8/23

- 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: -12.372 $\pm$ 29.671 χ^2 /NDF:21.1/12

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

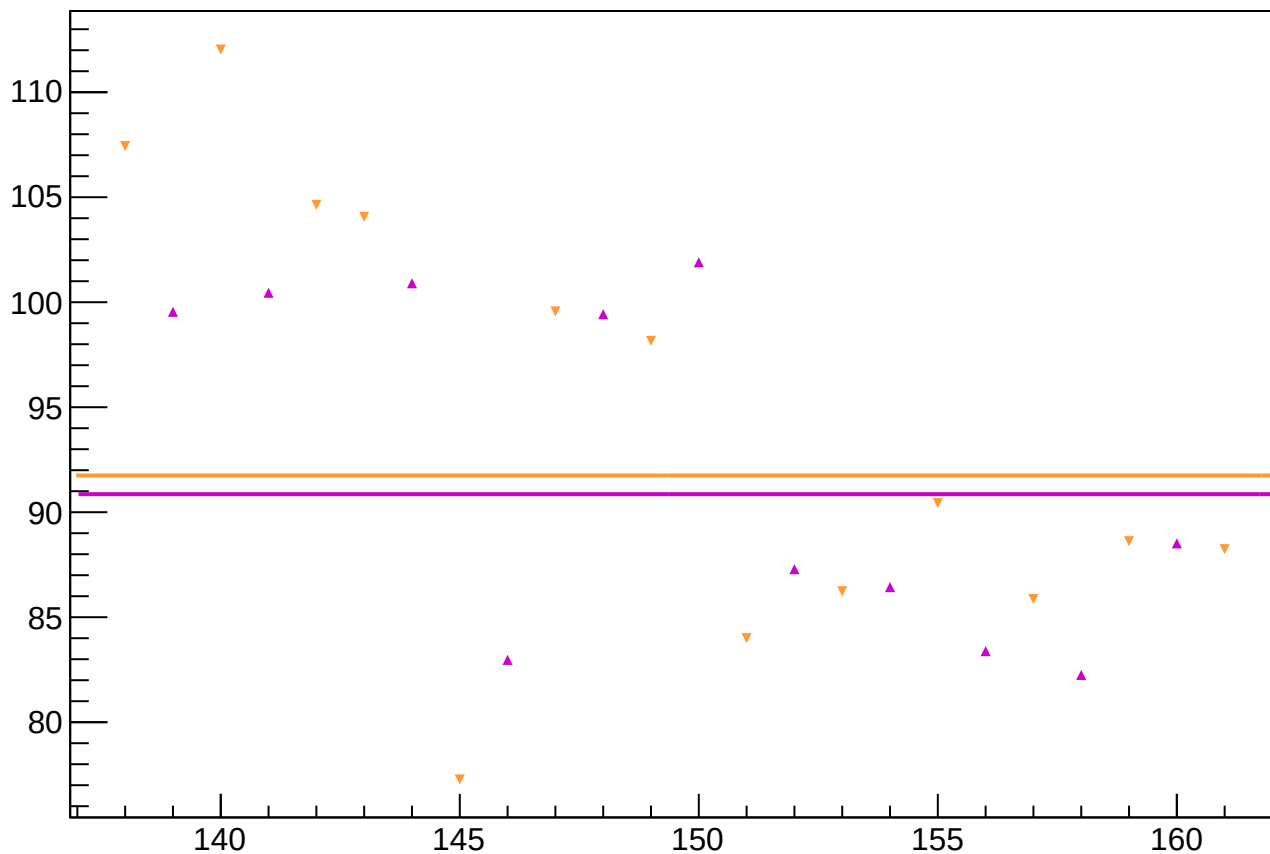
Left In: 44.112 $\pm$ 30.385 χ^2 /NDF:2.7/10

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

All: 15.198 $\pm$ 21.229 χ^2 /NDF: 25.6/23

- 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: 91.748+/-0.021 χ^2/NDF : 214526.2/12

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

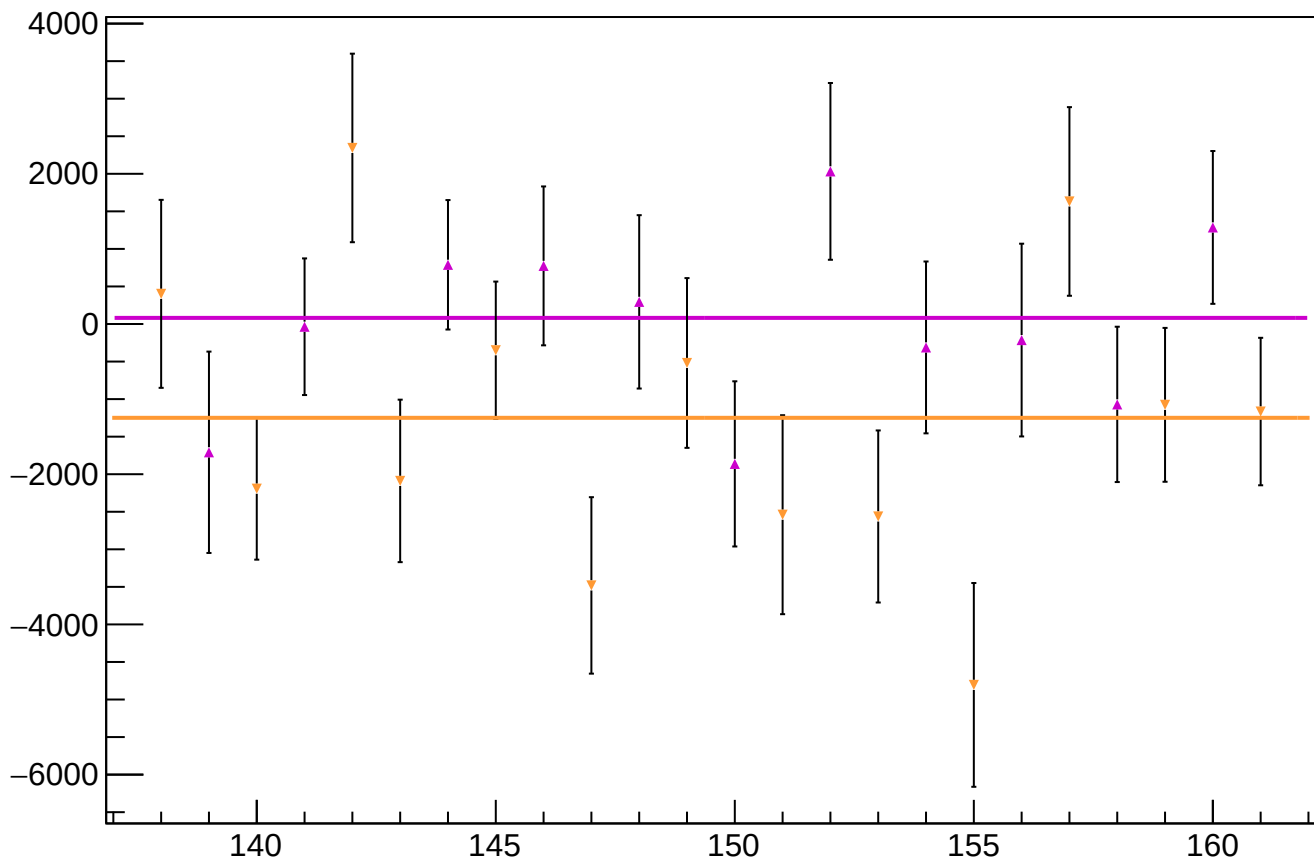
Left In: 90.861+/-0.021 χ^2/NDF : 129453.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.315+/-0.015 χ^2/NDF : 344853.1/23

- 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: -1249.157+/-309.331 χ^2/NDF : 31.0/12

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

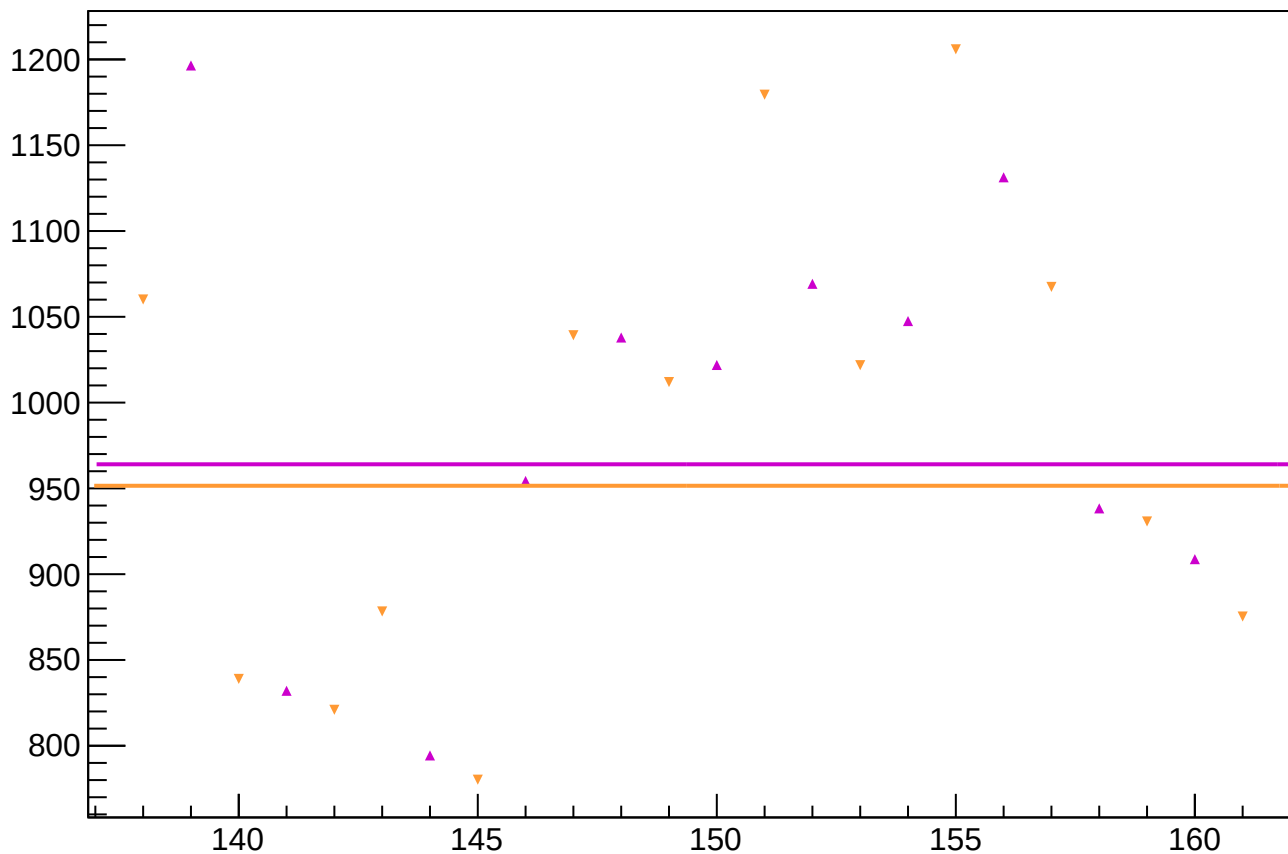
Left In: 81.519+/-323.145 χ^2/NDF : 11.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -612.869+/-223.454 χ^2/NDF : 51.4/23

- 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: 951.529+/-0.219 χ^2/NDF : 328257.4/12

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

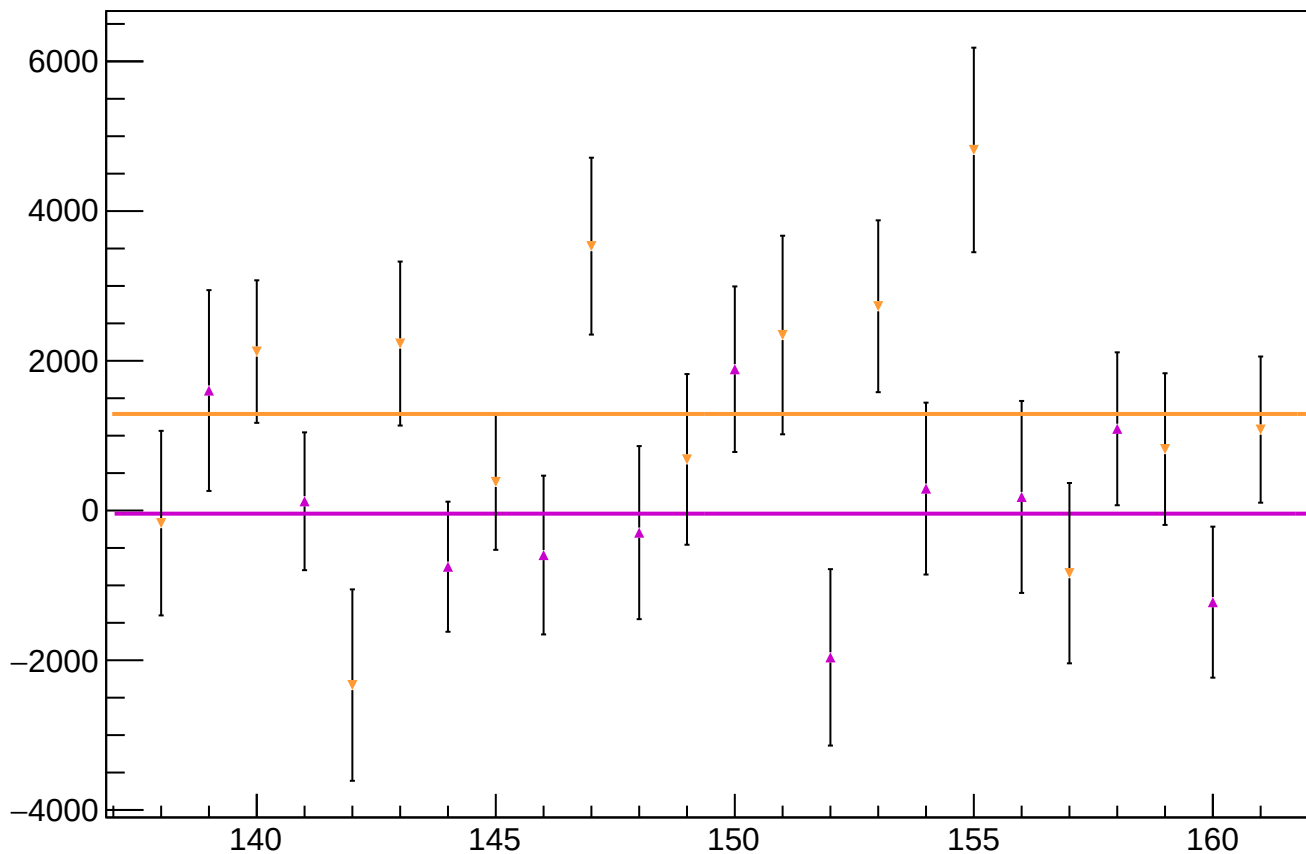
Left In: 964.044+/-0.228 χ^2/NDF : 261403.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 957.513+/-0.158 χ^2/NDF : 591226.2/23

- 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: 1290.045+/-308.839 χ^2/NDF : 28.1/12

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

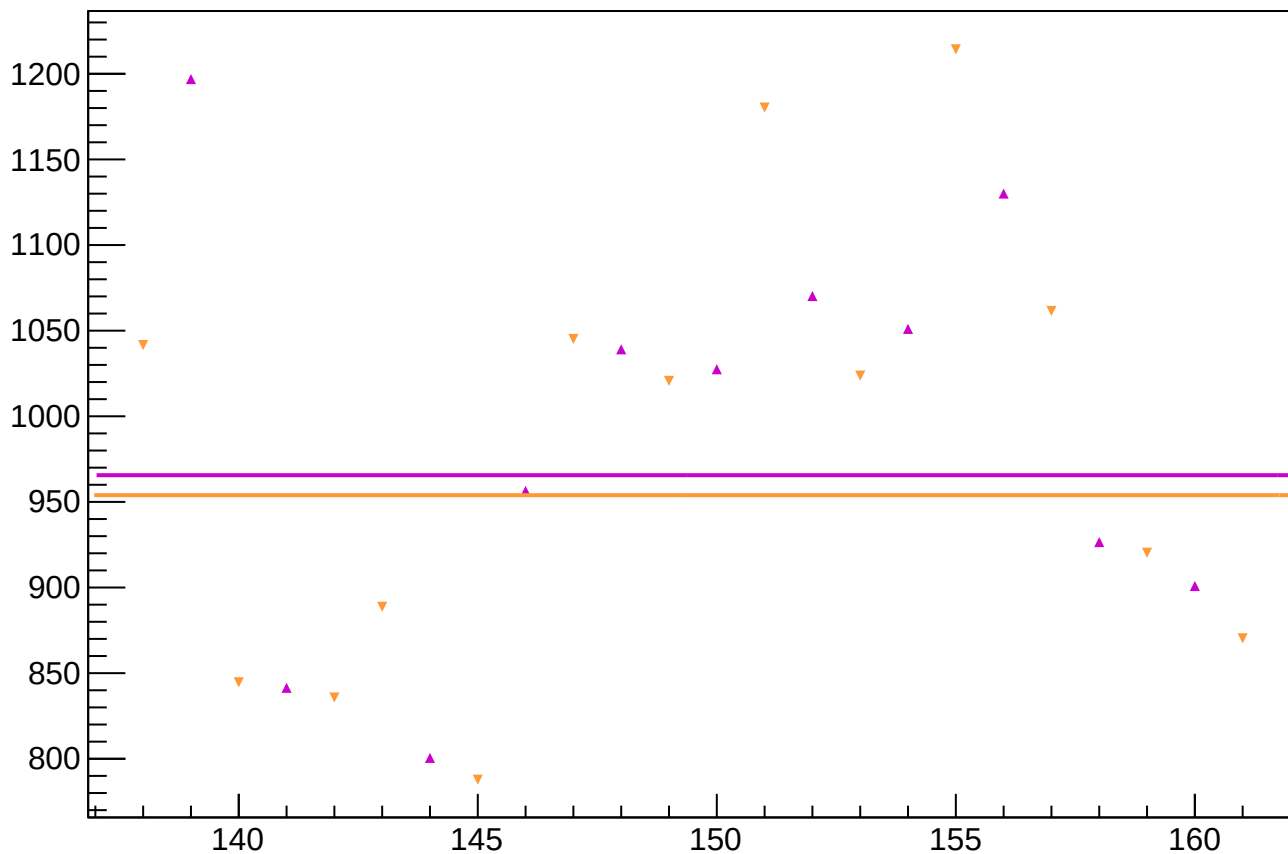
Left In: -41.848+/-323.685 χ^2/NDF : 10.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 655.342+/-223.446 χ^2/NDF : 47.9/23

- 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: 953.927+/-0.218 χ^2/NDF : 317630.0/12

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

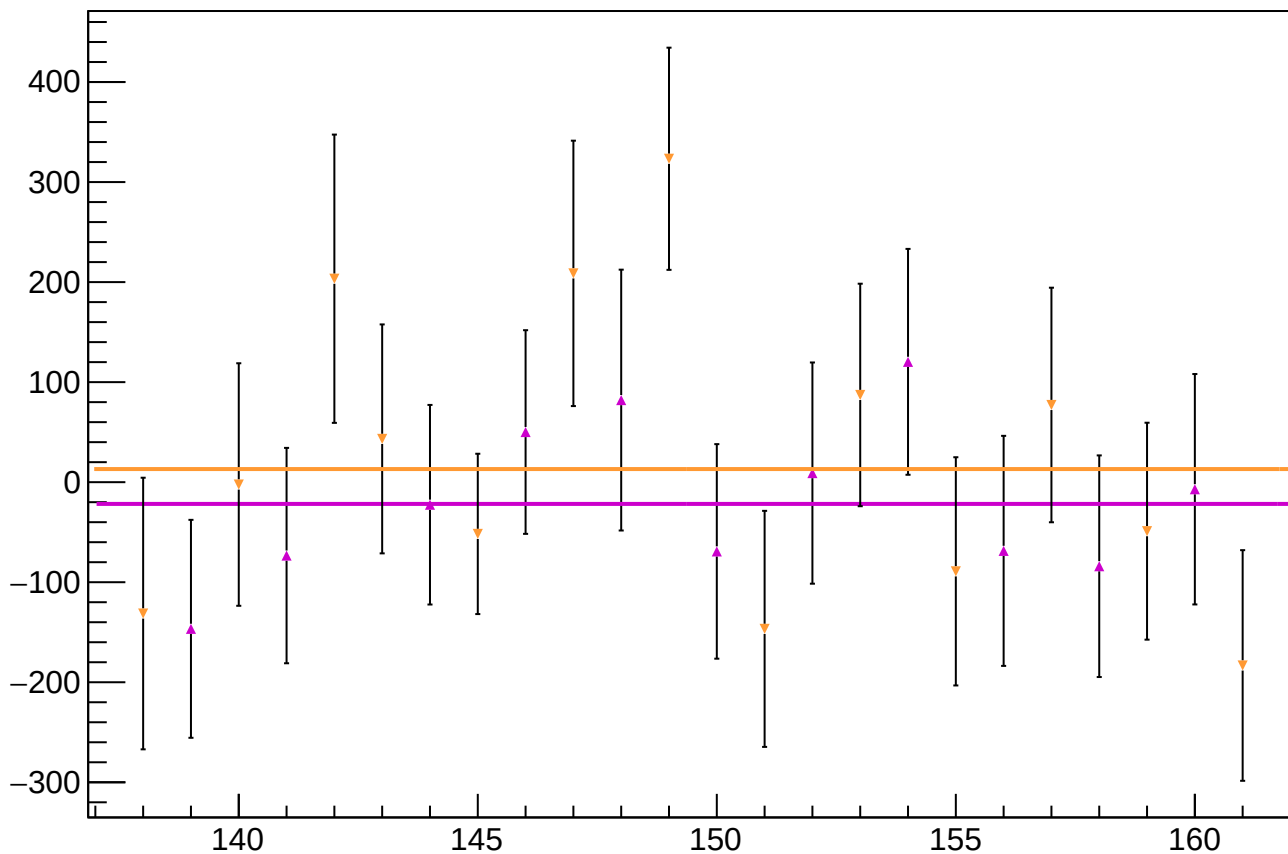
Left In: 965.607+/-0.229 χ^2/NDF : 253476.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 959.493+/-0.158 χ^2/NDF : 572469.8/23

- 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: 13.118 $\pm$ 31.574 χ^2 /NDF:20.2/12

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

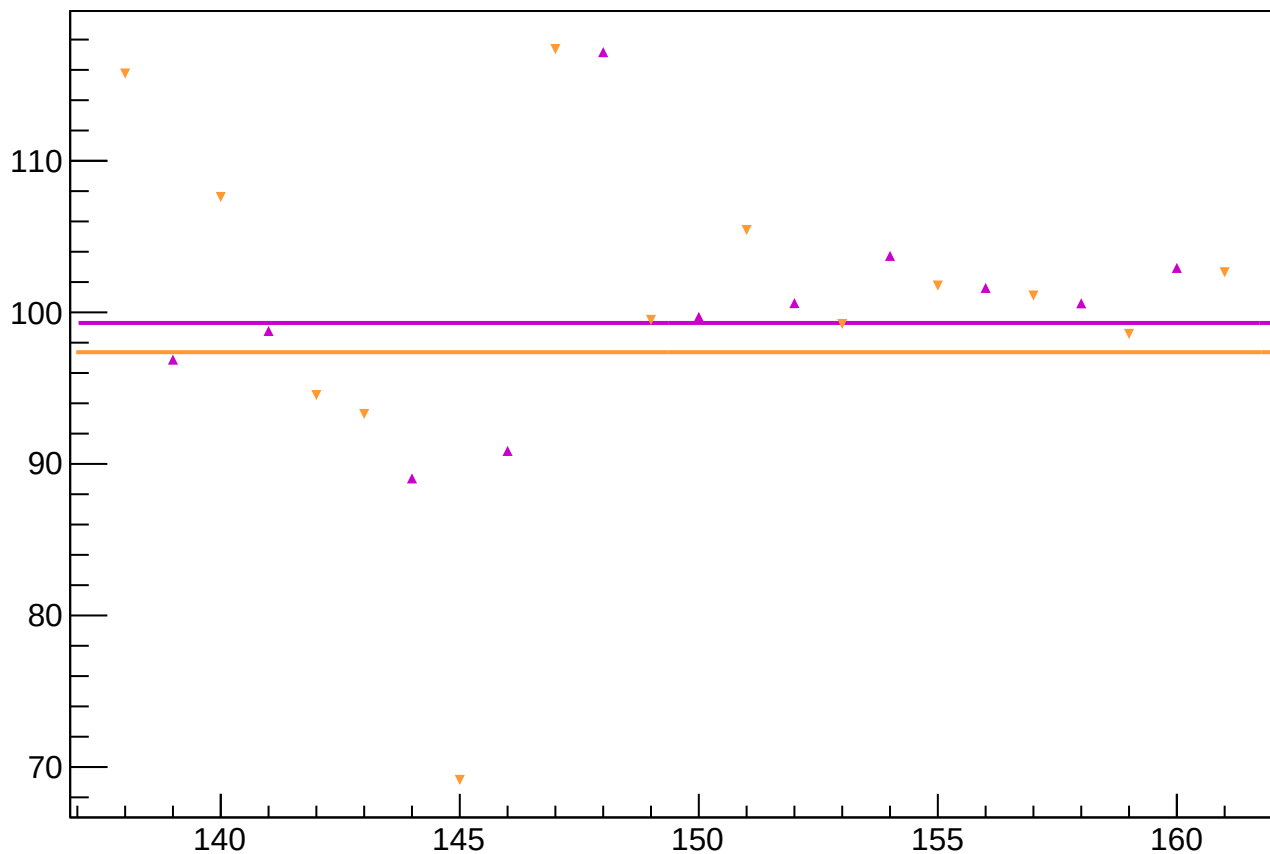
Left In: -21.731 $\pm$ 33.220 χ^2 /NDF:5.0/10

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

All: -3.421 $\pm$ 22.886 χ^2 /NDF: 25.8/23

- 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: 97.371+/-0.022 χ^2/NDF : 367926.6/12

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

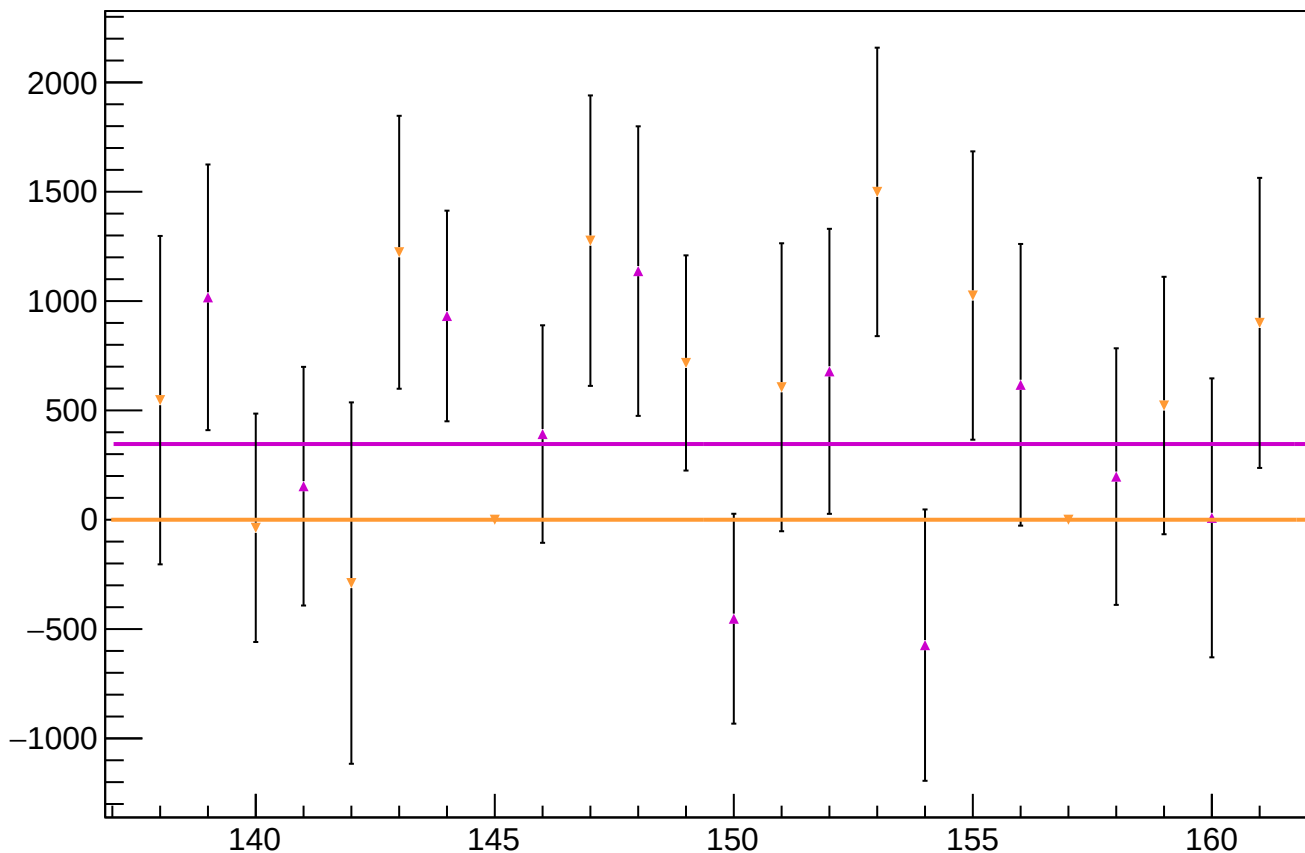
Left In: 99.303+/-0.023 χ^2/NDF : 79974.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.288+/-0.016 χ^2/NDF : 451451.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_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: 21.7/12

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

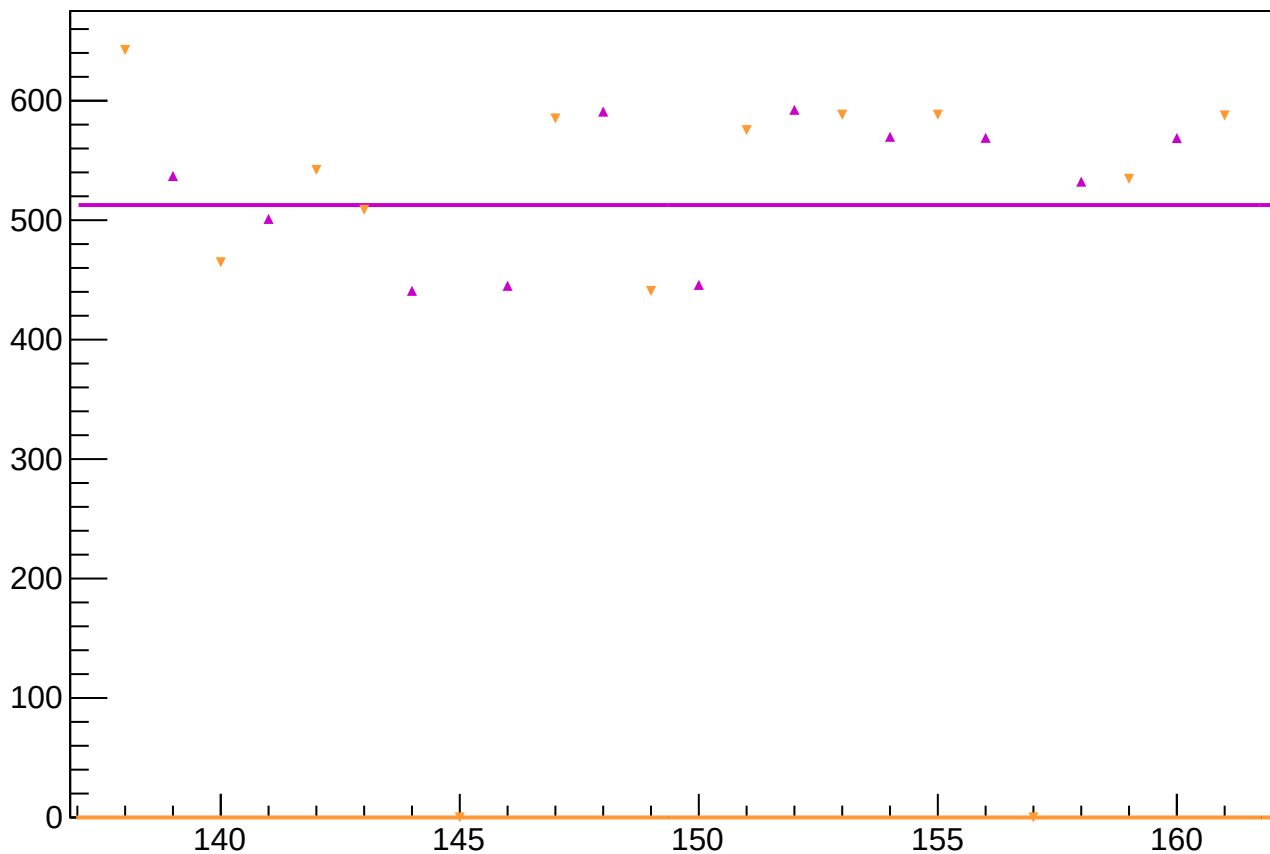
Left In: 346.204 $\pm$ 172.087 χ^2 /NDF: 10.0/10

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.7/23

- sign 0.000 $\pm$ 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 : 16322394.7/12

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

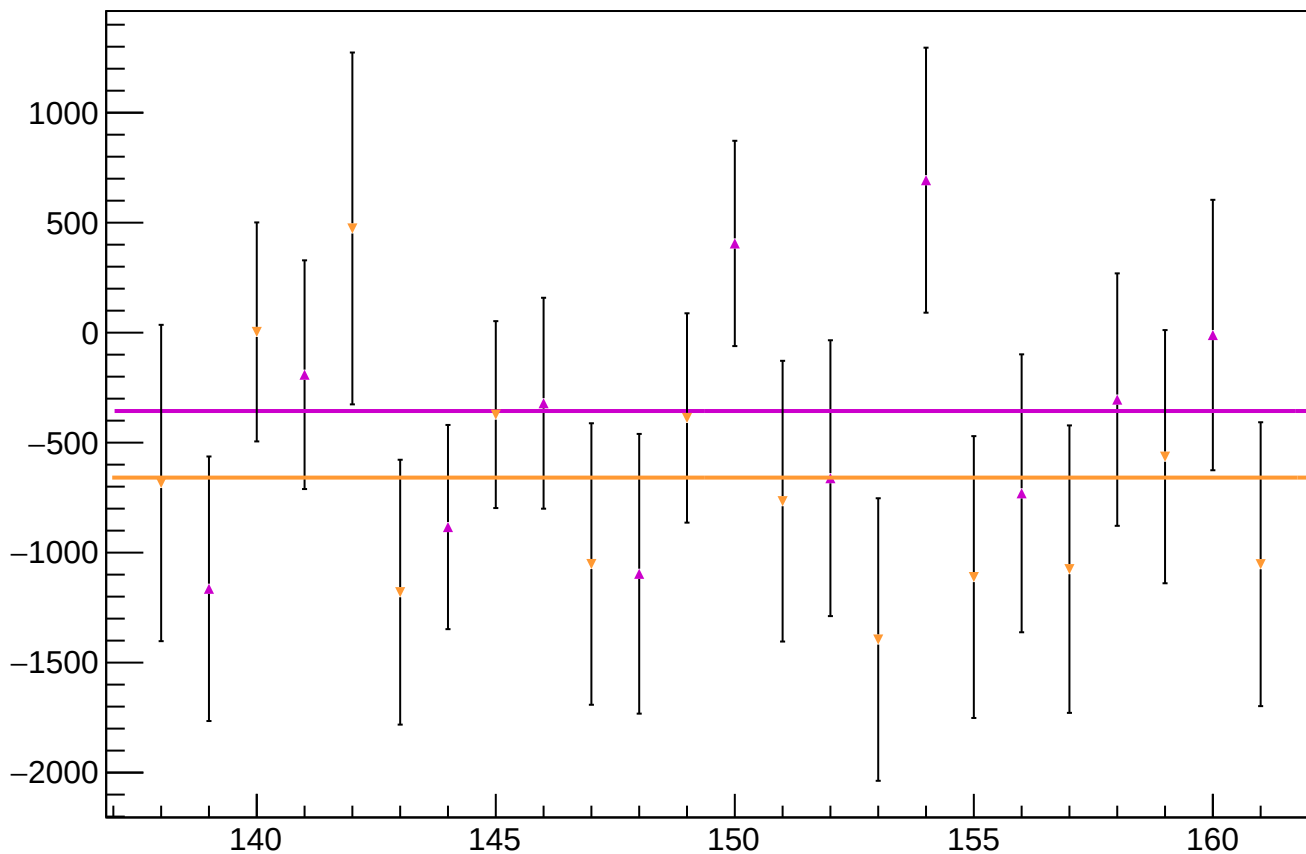
Left In: 512.669+/-0.122 χ^2/NDF : 232102.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34304994.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -658.902 $\pm$ 162.715 χ^2 /NDF:8.3/12

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

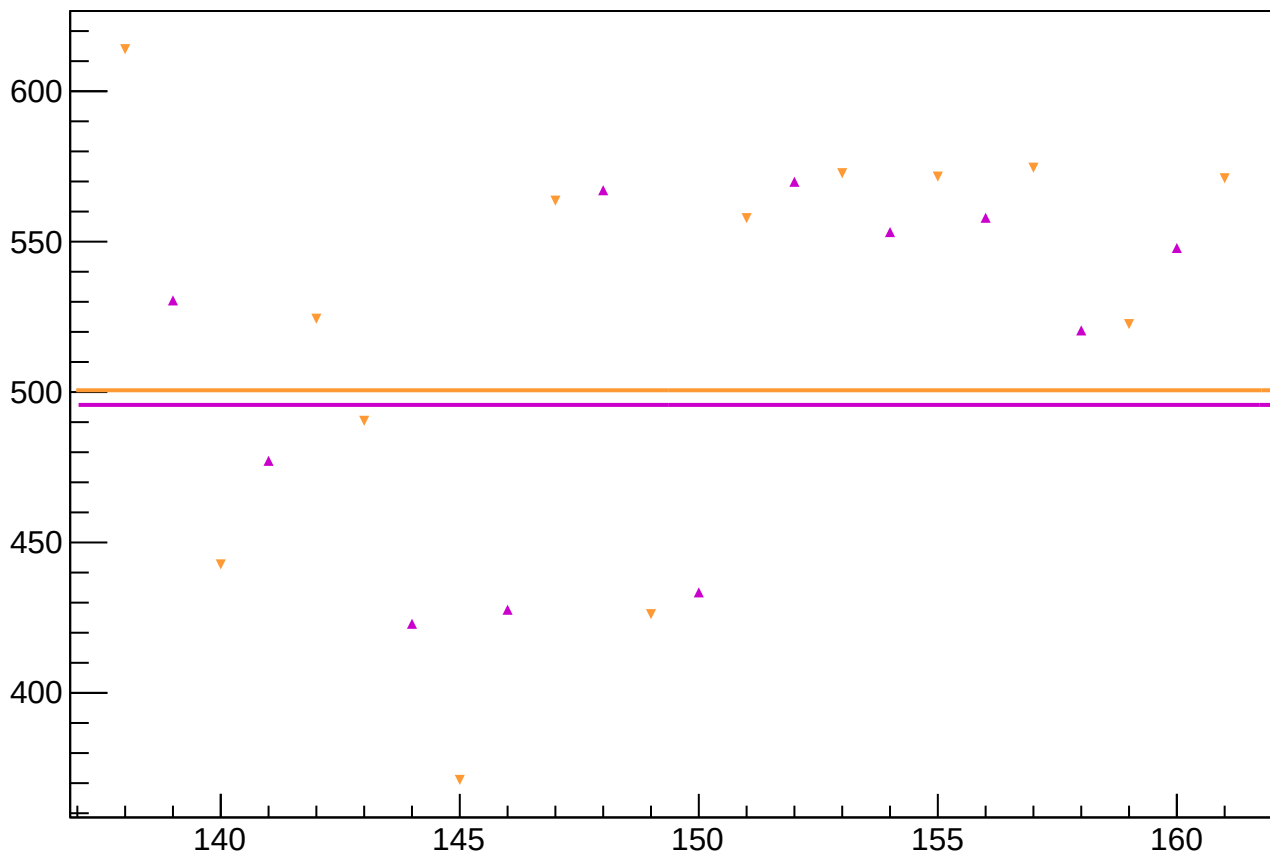
Left In: -356.220 $\pm$ 166.639 χ^2 /NDF:11.2/10

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

All: -511.166 $\pm$ 116.419 χ^2 /NDF: 21.2/23

- sign 0.000 $\pm$ 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: 500.598+/-0.115 χ^2/NDF : 451599.8/12

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

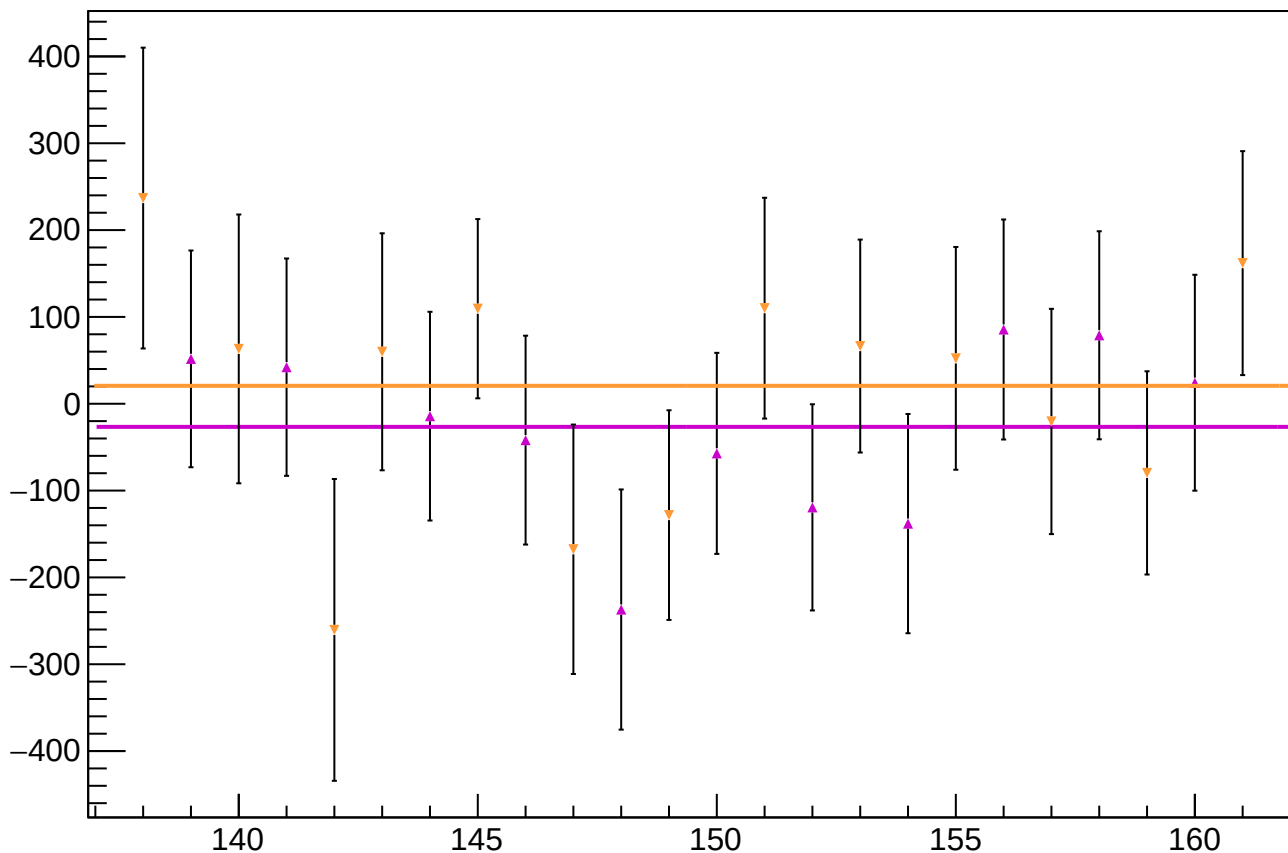
Left In: 495.733+/-0.118 χ^2/NDF : 243268.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.223+/-0.082 χ^2/NDF : 695741.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 20.666+/-36.405 χ^2/NDF : 11.0/12

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

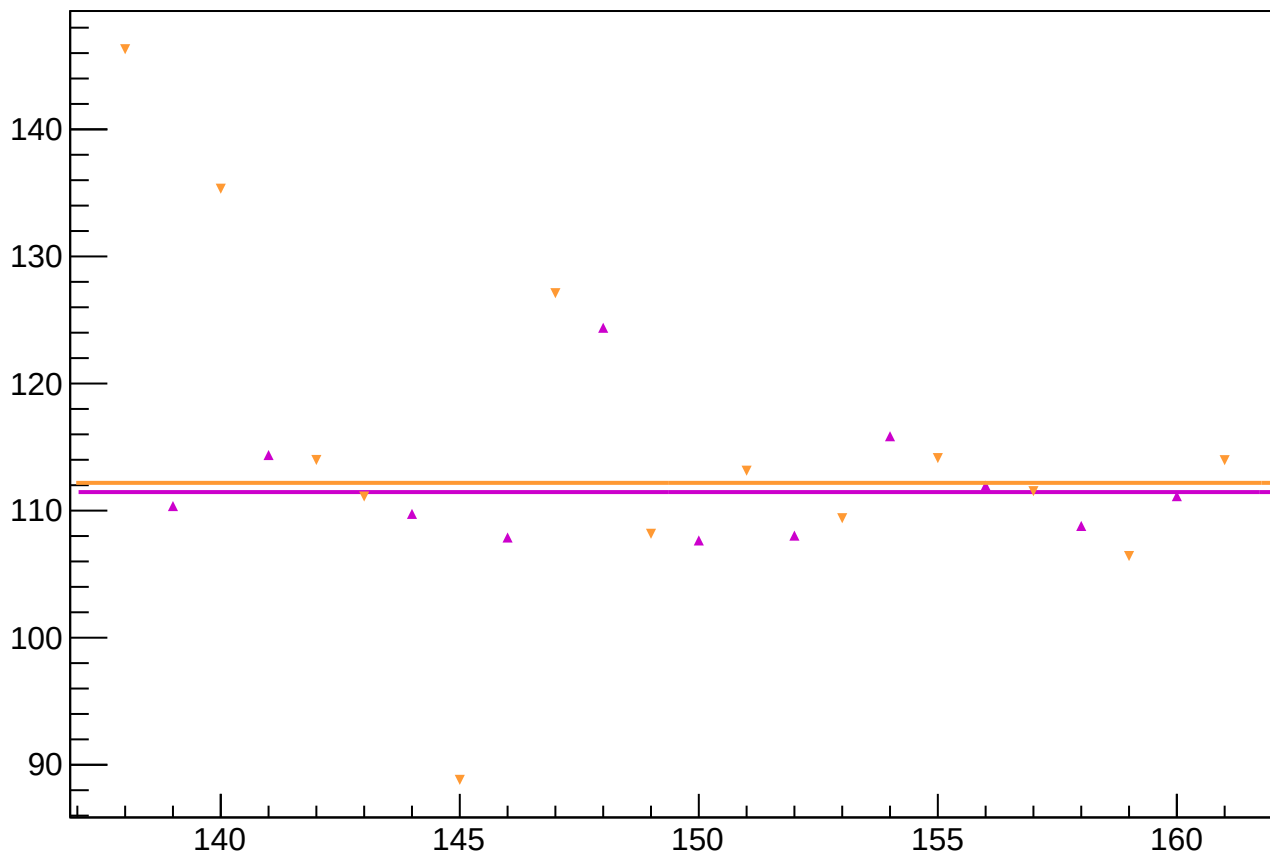
Left In: -26.623+/-37.174 χ^2/NDF : 6.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.484+/-26.010 χ^2/NDF : 18.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 112.184+/-0.026 χ^2/NDF : 255896.7/12

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

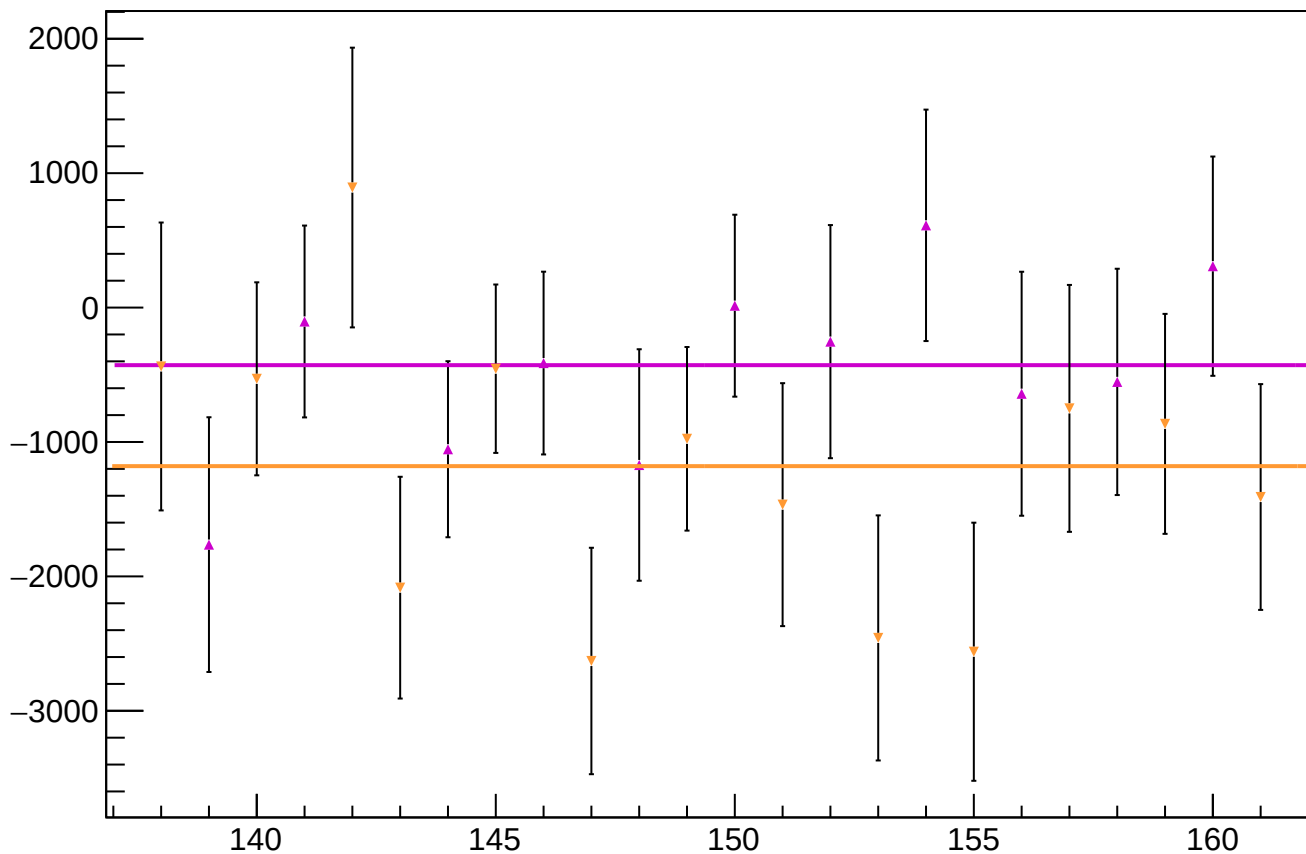
Left In: 111.458+/-0.026 χ^2/NDF : 28174.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.829+/-0.018 χ^2/NDF : 284461.0/23

- 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: -1179.720+/-229.942 χ^2/NDF :15.4/12

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

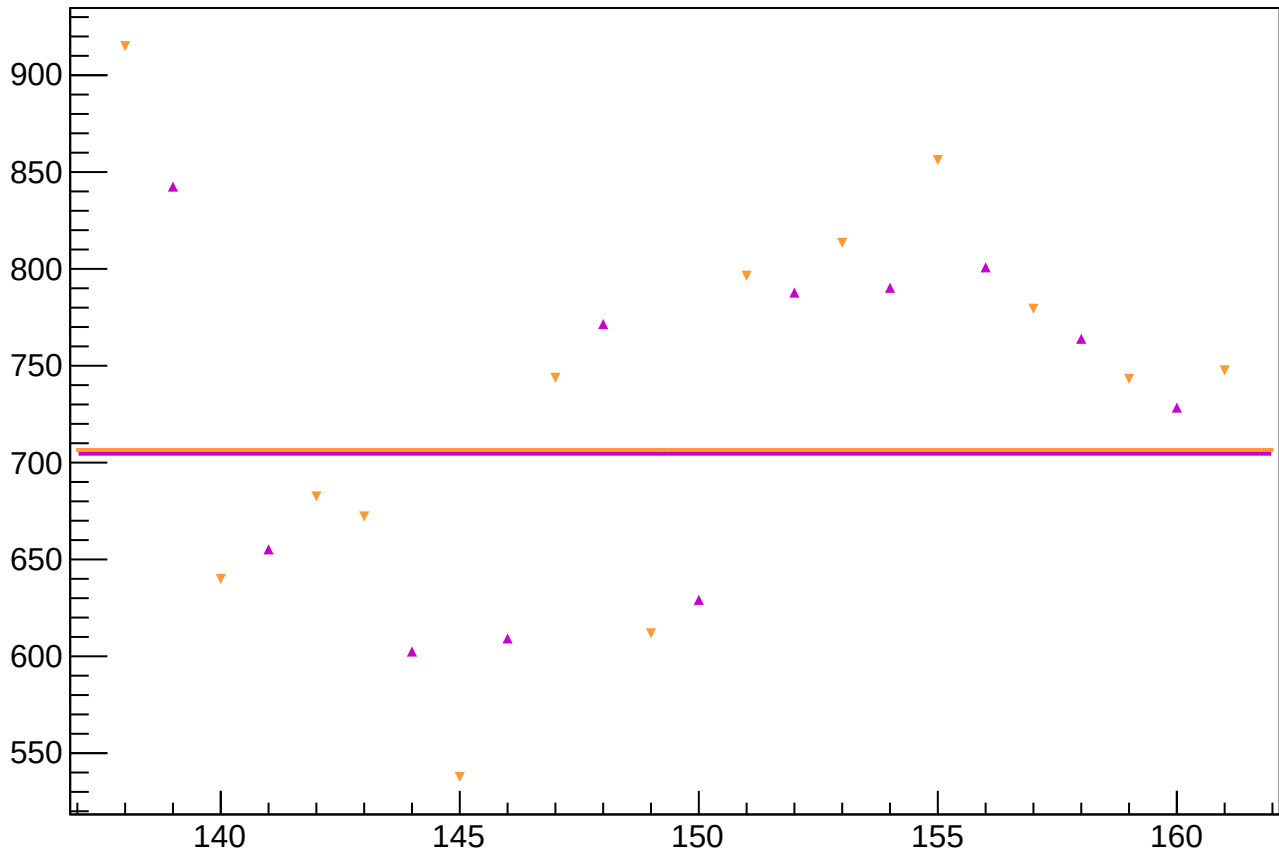
Left In: -428.387+/-236.300 χ^2/NDF :6.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -814.297+/-164.796 χ^2/NDF : 27.3/23

- 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: 706.523+/-0.163 χ^2/NDF : 402382.6/12

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

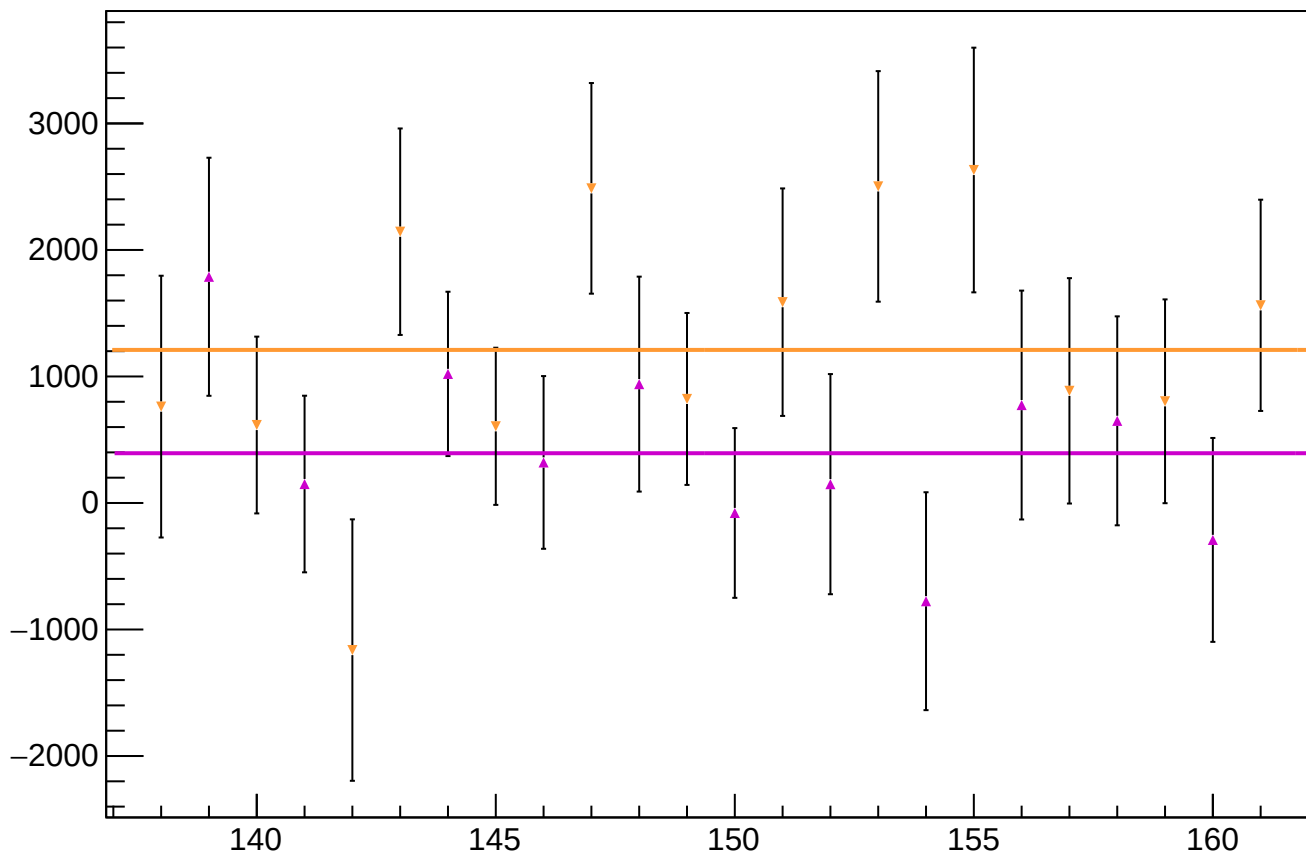
Left In: 704.609+/-0.167 χ^2/NDF : 249164.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 705.592+/-0.117 χ^2/NDF : 651614.4/23

- 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: 1209.924+/-227.221 χ^2/NDF :16.0/12

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

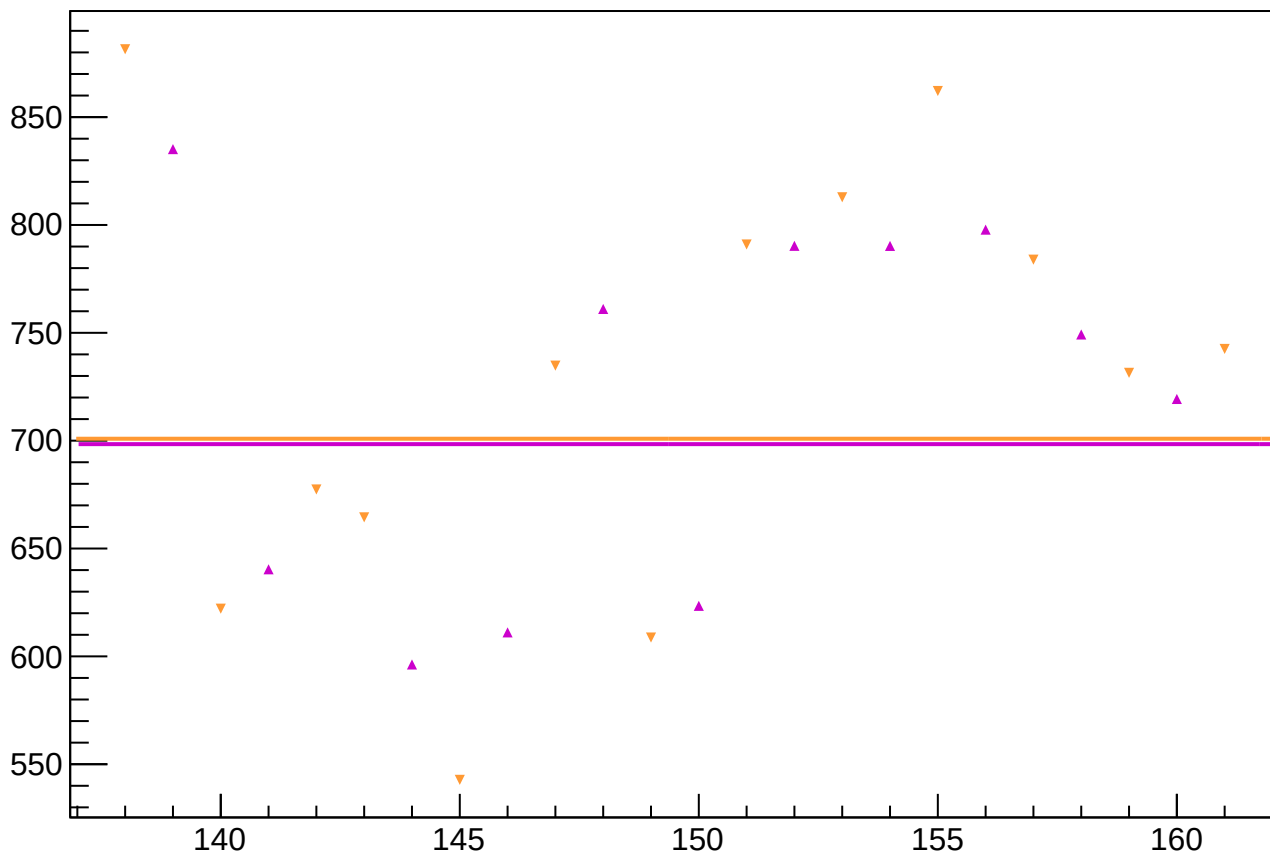
Left In: 393.312+/-234.374 χ^2/NDF :7.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.270+/-163.140 χ^2/NDF : 29.4/23

- 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: 700.899+/-0.161 χ^2/NDF :392202.0/12

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

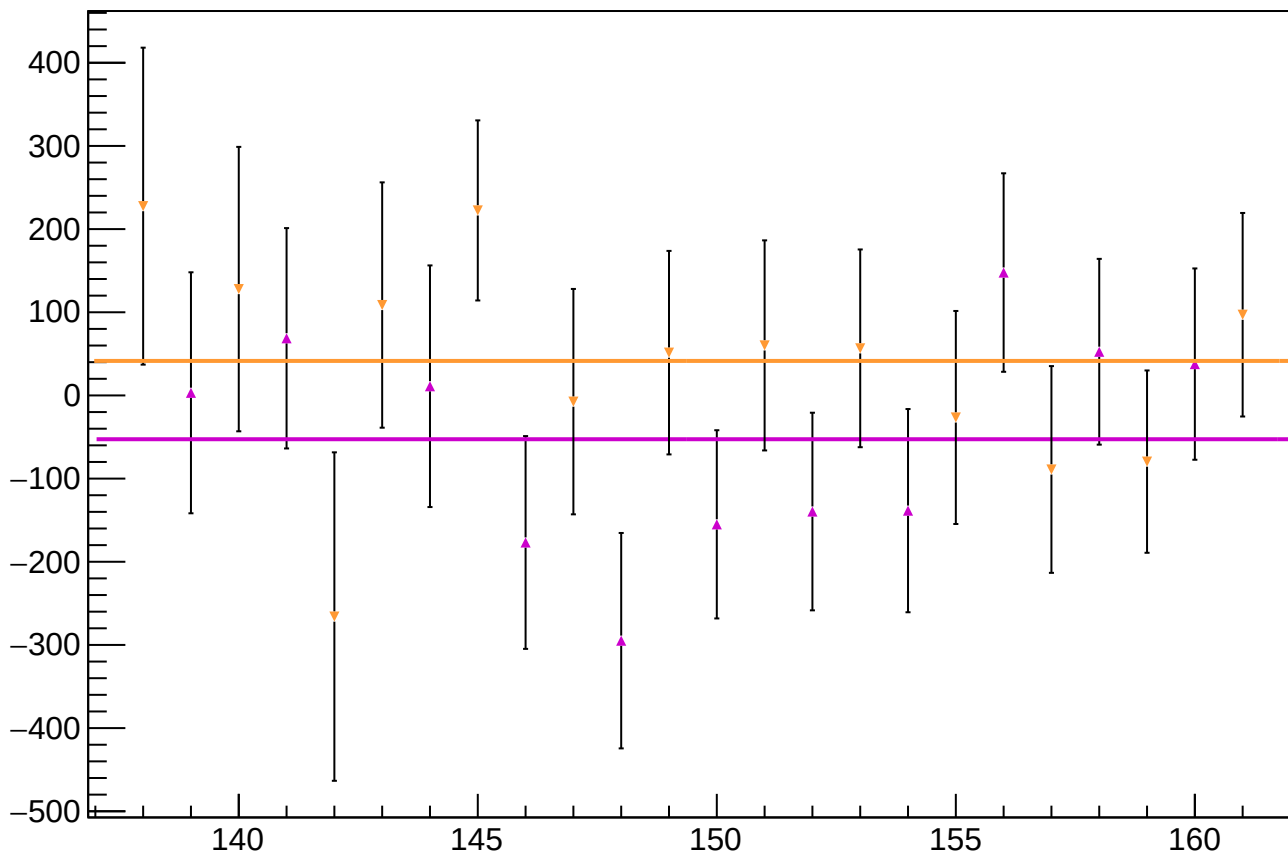
Left In: 698.393+/-0.166 χ^2/NDF :252334.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.685+/-0.115 χ^2/NDF : 644654.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



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

Left Out: 41.496+/-36.539 χ^2/NDF : 9.6/12

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

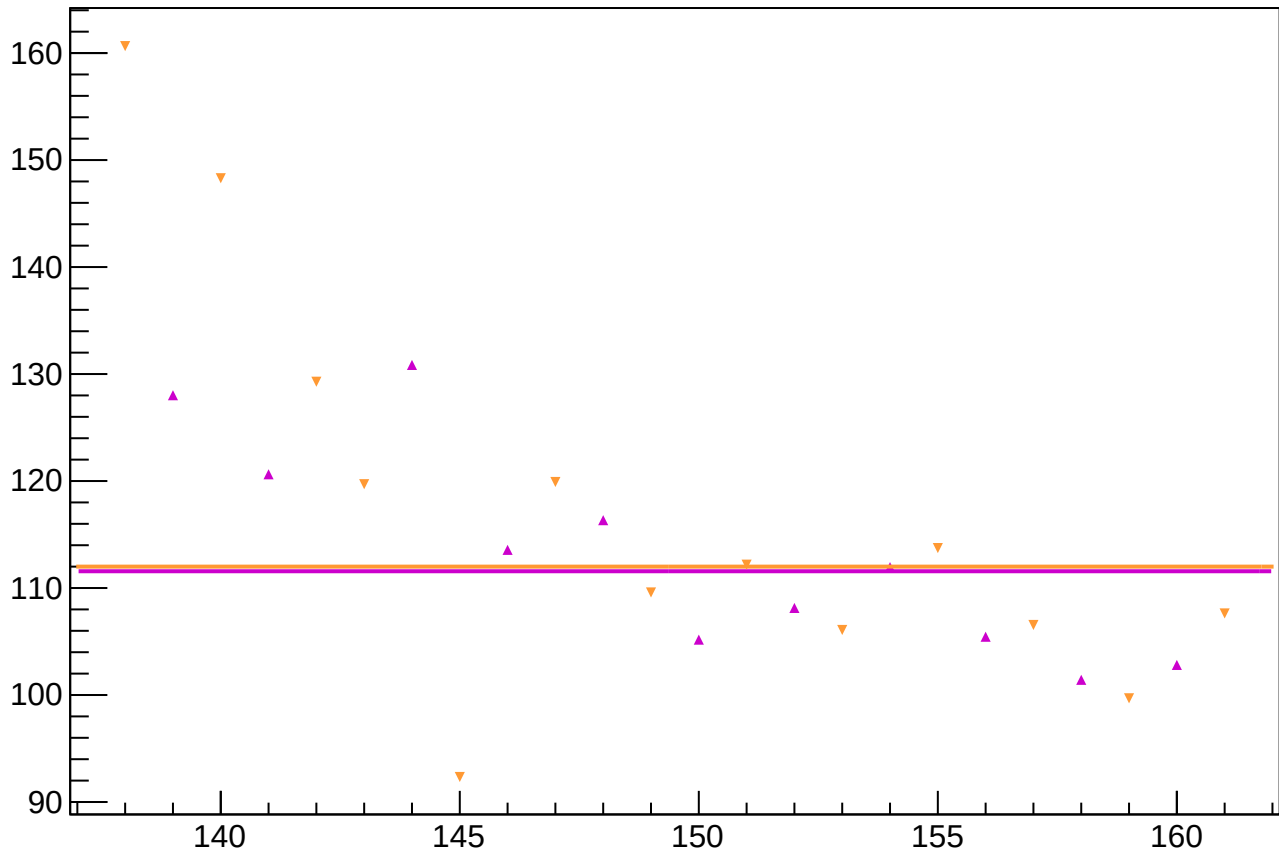
Left In: -52.663+/-37.409 χ^2/NDF : 11.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.476+/-26.139 χ^2/NDF : 24.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 112.000+/-0.026 χ^2/NDF : 351757.5/12

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

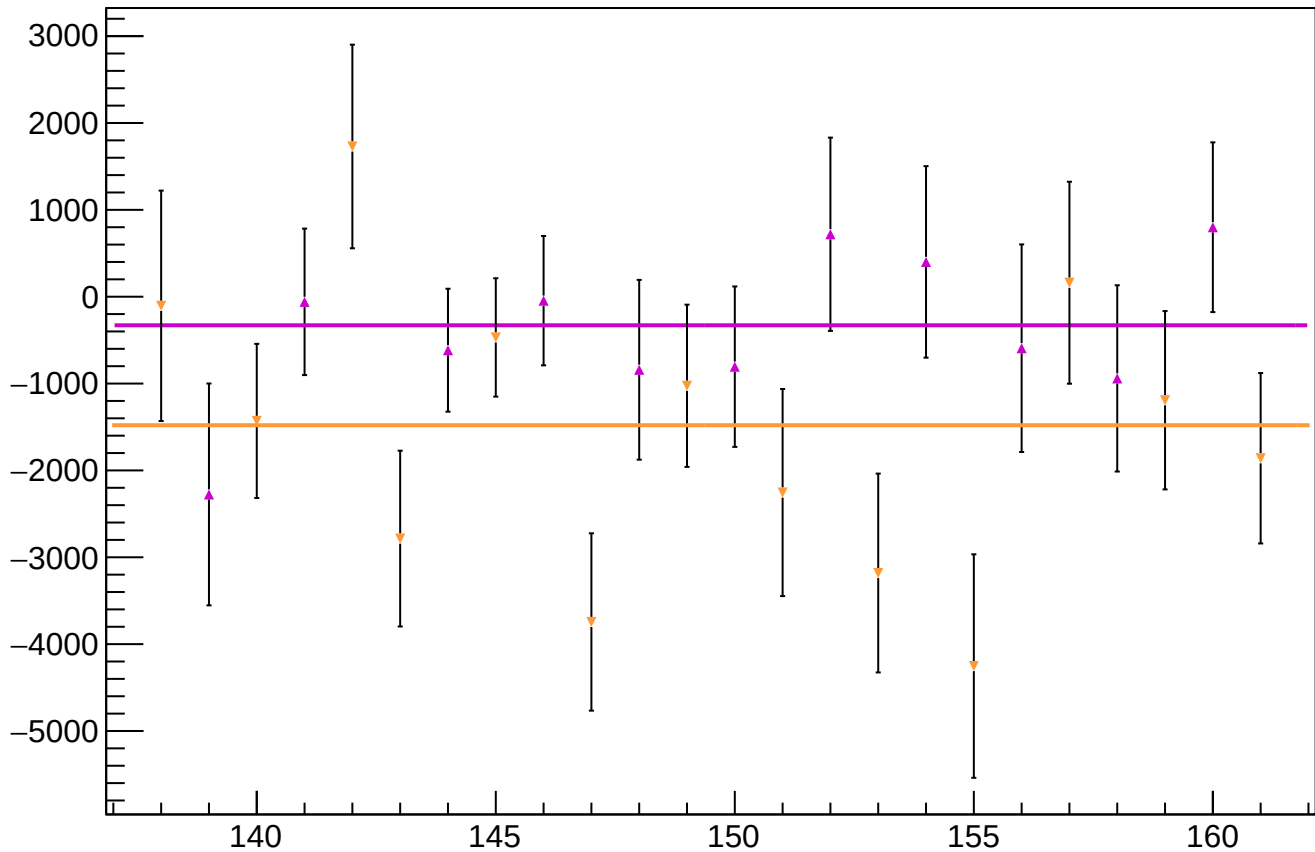
Left In: 111.567+/-0.026 χ^2/NDF : 115012.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.789+/-0.018 χ^2/NDF : 466906.9/23

- 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: -1479.537+/-281.717 χ^2/NDF : 27.1/12

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

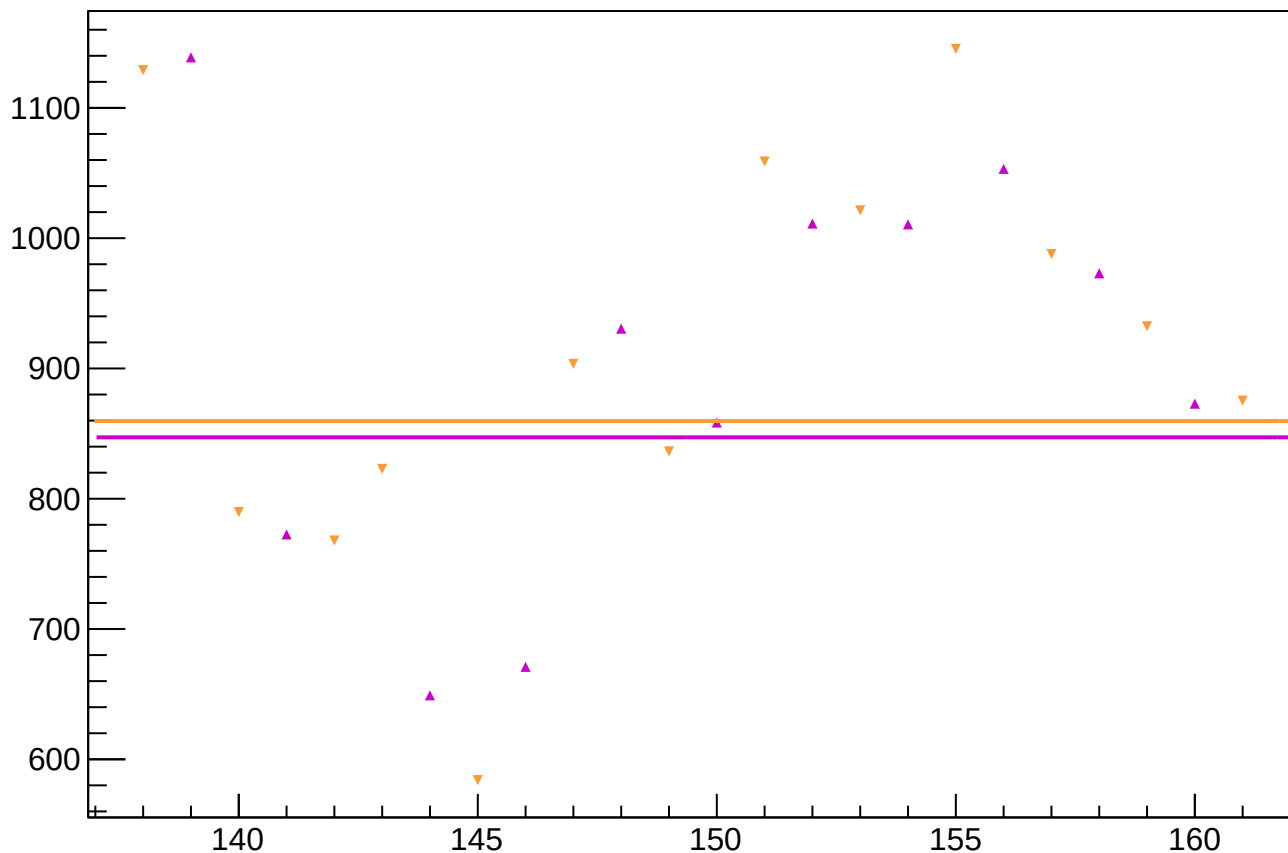
Left In: -329.008+/-286.607 χ^2/NDF : 6.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -914.172+/-200.911 χ^2/NDF : 41.6/23

- 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: 859.648+/-0.199 χ^2/NDF : 671019.6/12

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

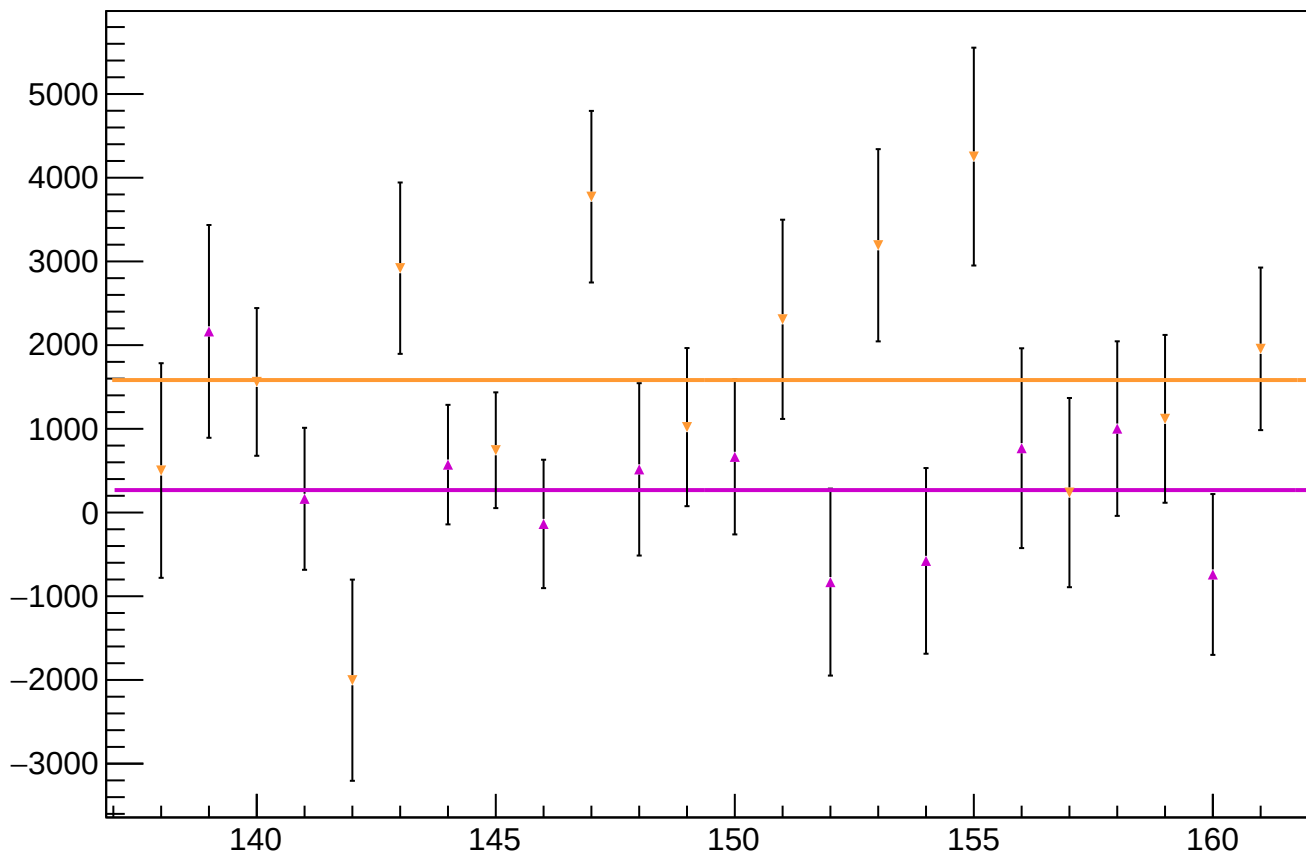
Left In: 847.135+/-0.203 χ^2/NDF : 577758.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.499+/-0.142 χ^2/NDF : 1250716.8/23

- 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: 1582.725+/-281.756 χ^2/NDF :26.0/12

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

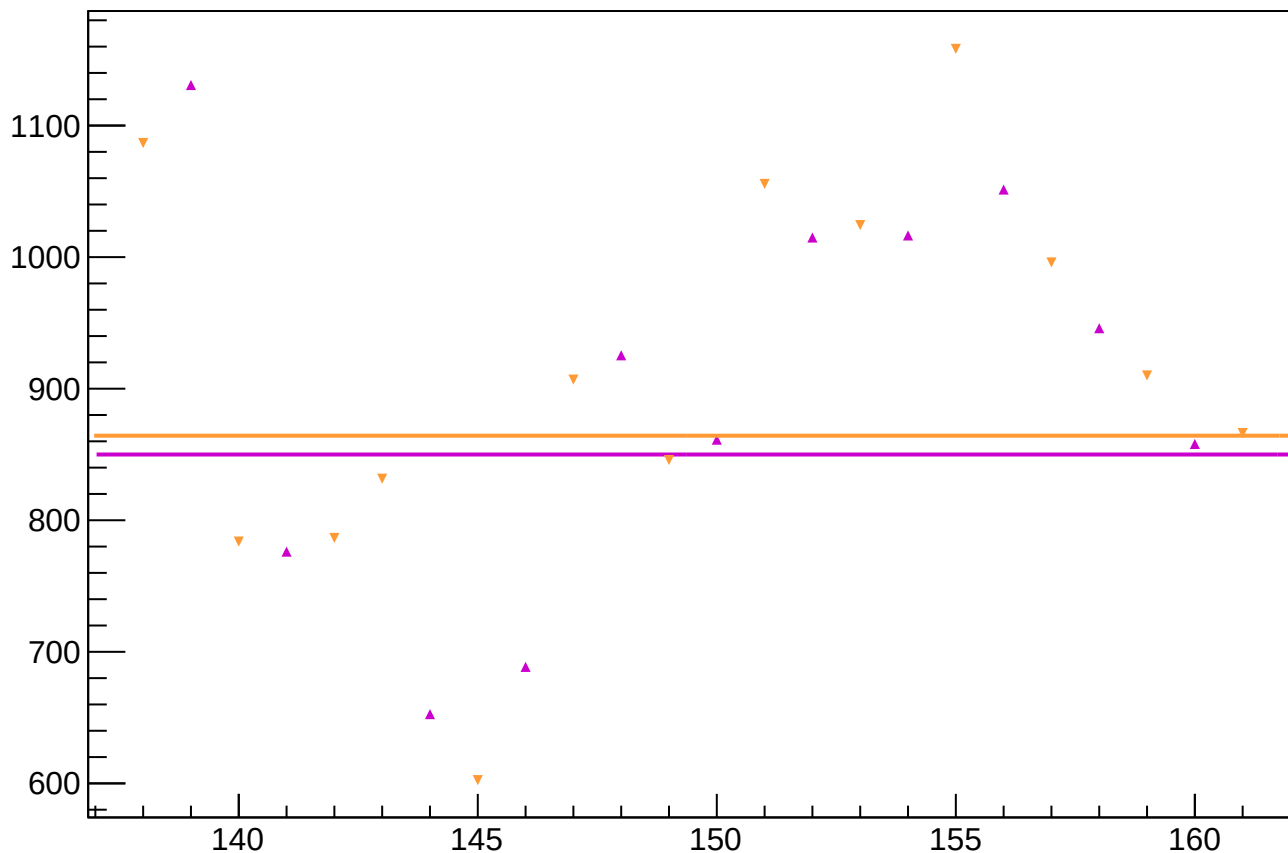
Left In: 268.210+/-287.518 χ^2/NDF :6.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 938.771+/-201.238 χ^2/NDF : 43.0/23

- 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: 864.281+/-0.199 χ^2/NDF : 602171.2/12

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

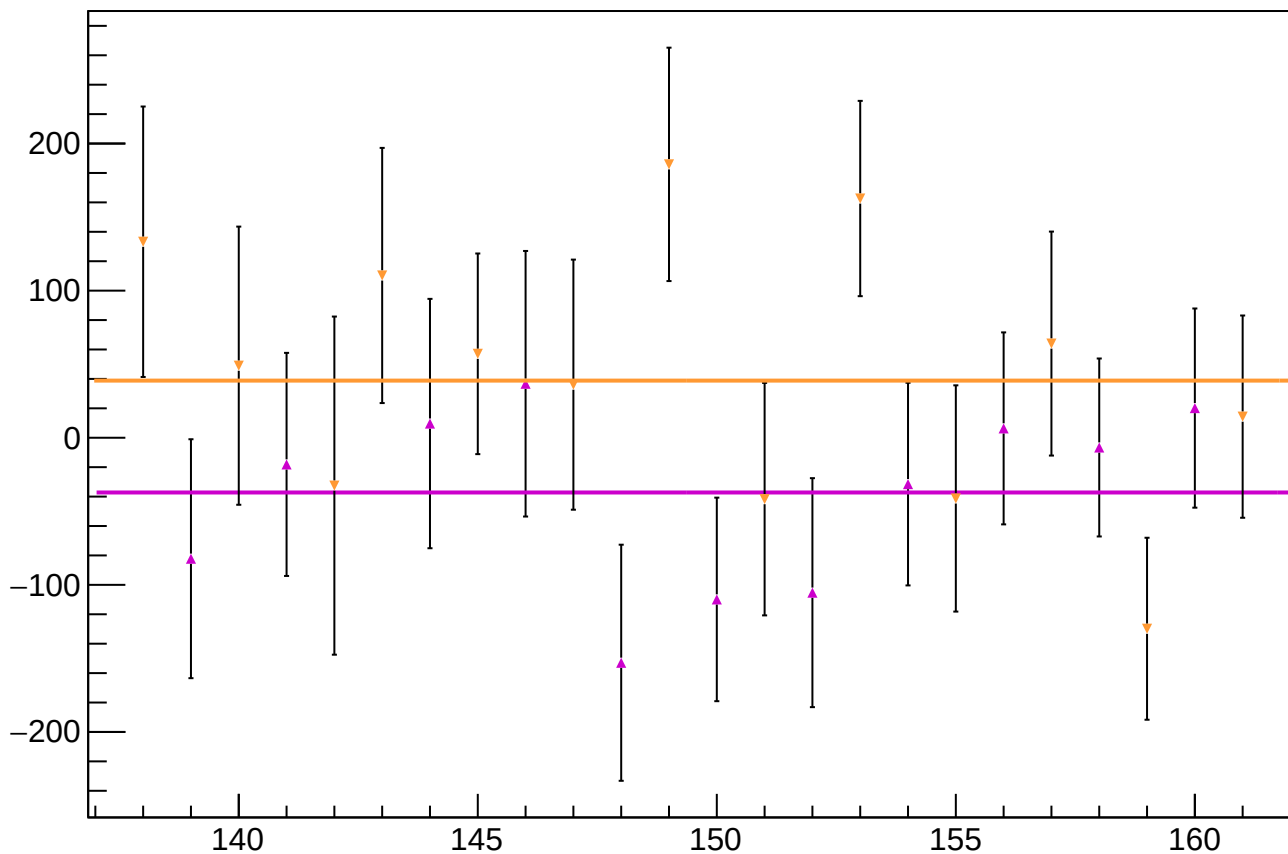
Left In: 849.972+/-0.203 χ^2/NDF : 527801.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 857.272+/-0.142 χ^2/NDF : 1132499.0/23

- 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: 38.846 $\pm$ 21.552 χ^2 /NDF:18.9/12

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

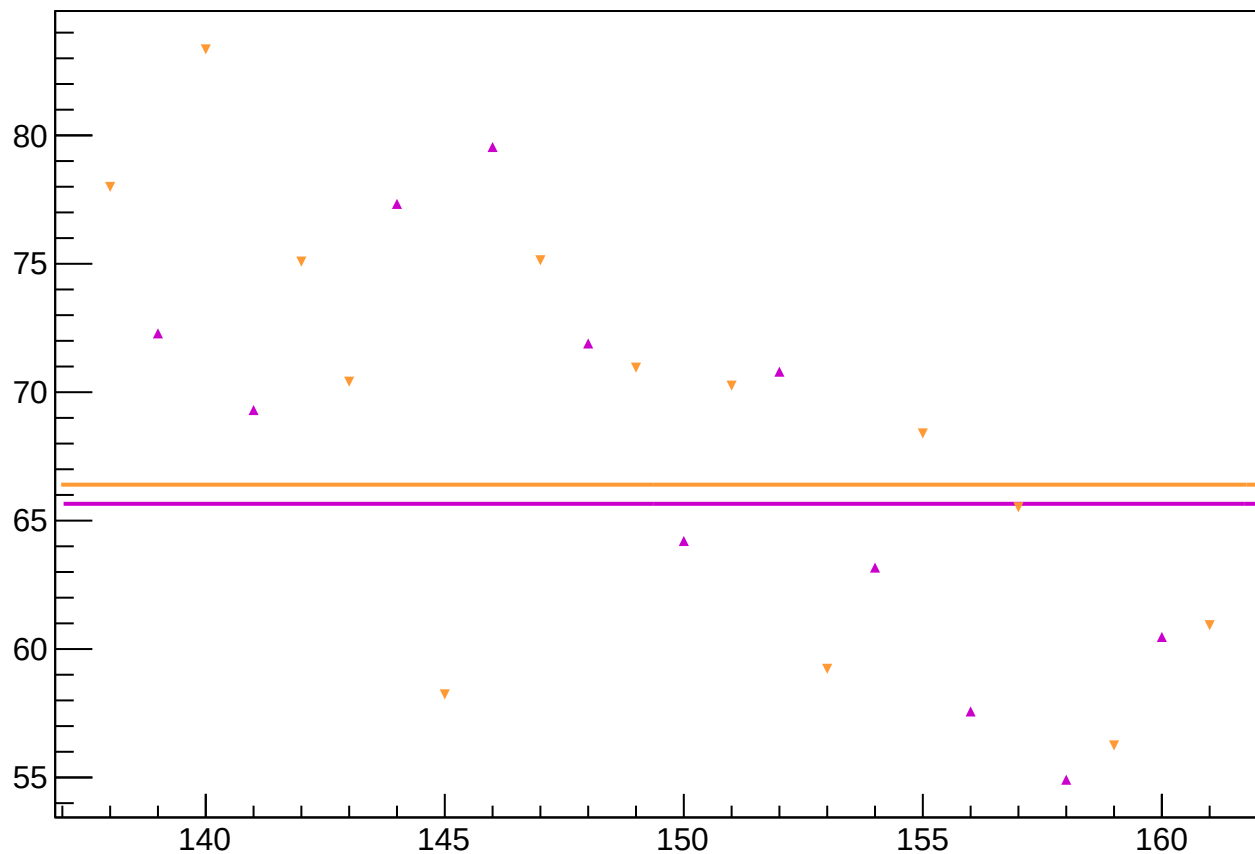
Left In: -37.211 $\pm$ 22.065 χ^2 /NDF:6.7/10

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

All: 1.712 $\pm$ 15.418 χ^2 /NDF: 31.7/23

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

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 66.400 $\pm$ 0.015 χ^2 /NDF:264421.0/12

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

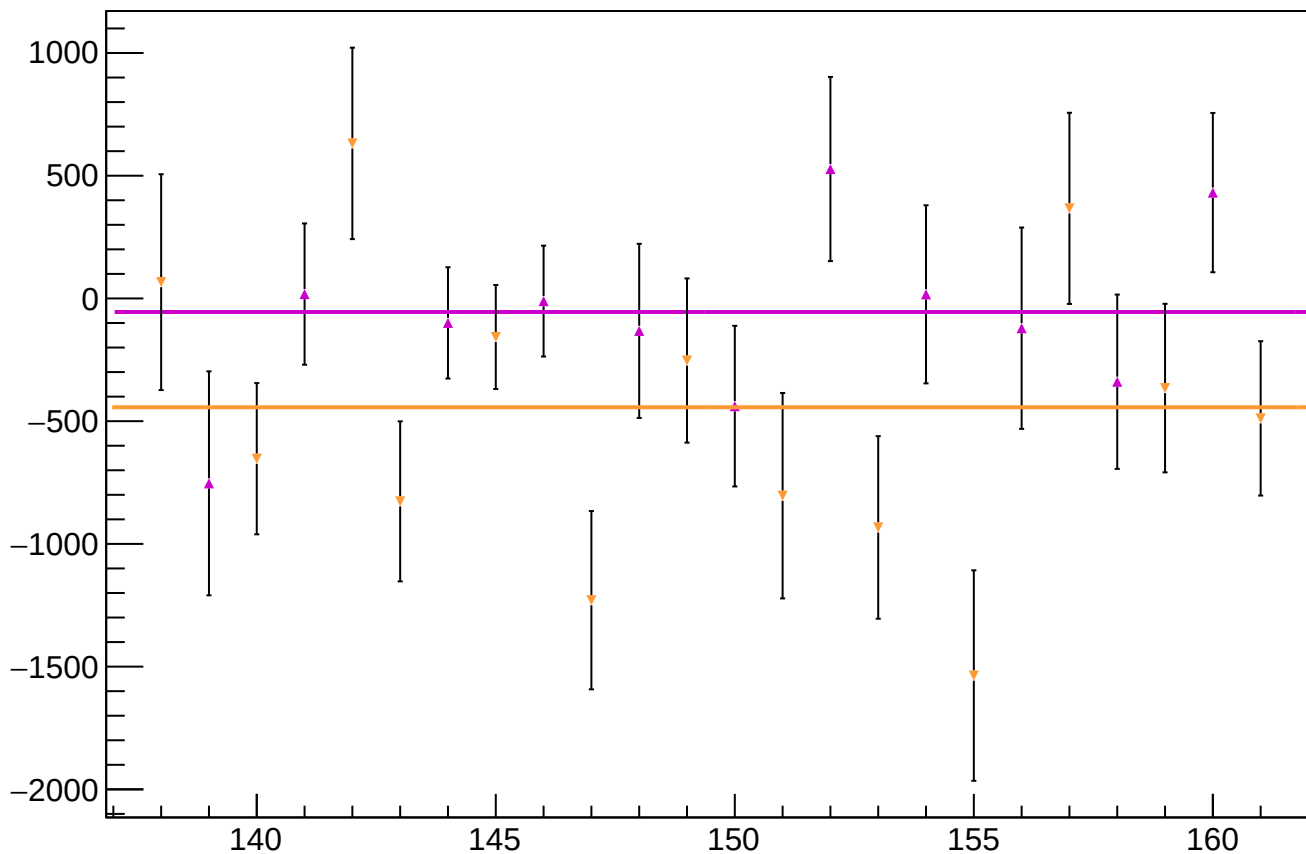
Left In: 65.655 $\pm$ 0.016 χ^2 /NDF:233153.0/10

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

All: 66.036 $\pm$ 0.011 χ^2 /NDF: 498741.0/23

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

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -443.259 $\pm$ 93.643 χ^2 /NDF:31.0/12

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

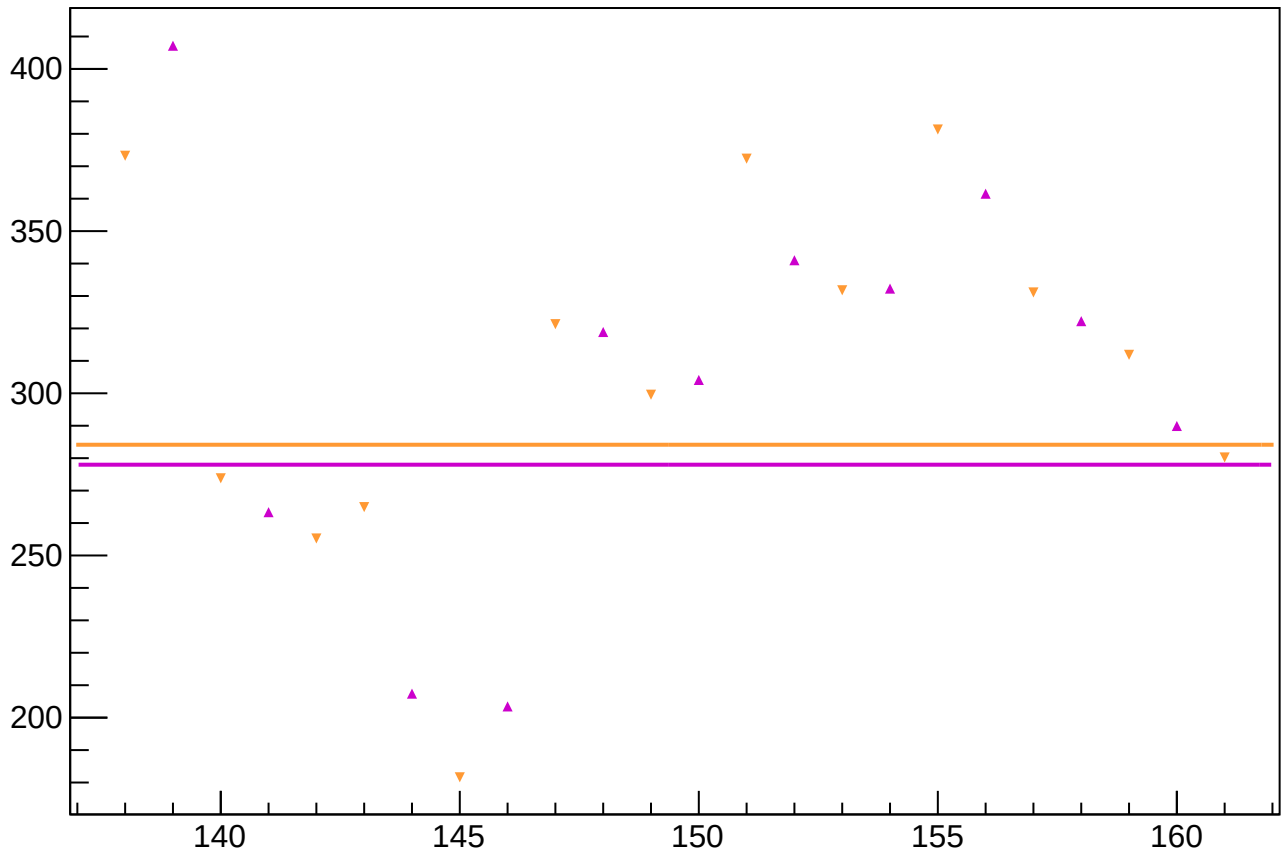
Left In: -55.203 $\pm$ 94.783 χ^2 /NDF:9.3/10

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

All: -251.579 $\pm$ 66.615 χ^2 /NDF: 48.7/23

- sign 0.000 $\pm$ 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: 284.140+/-0.066 χ^2/NDF : 862365.5/12

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

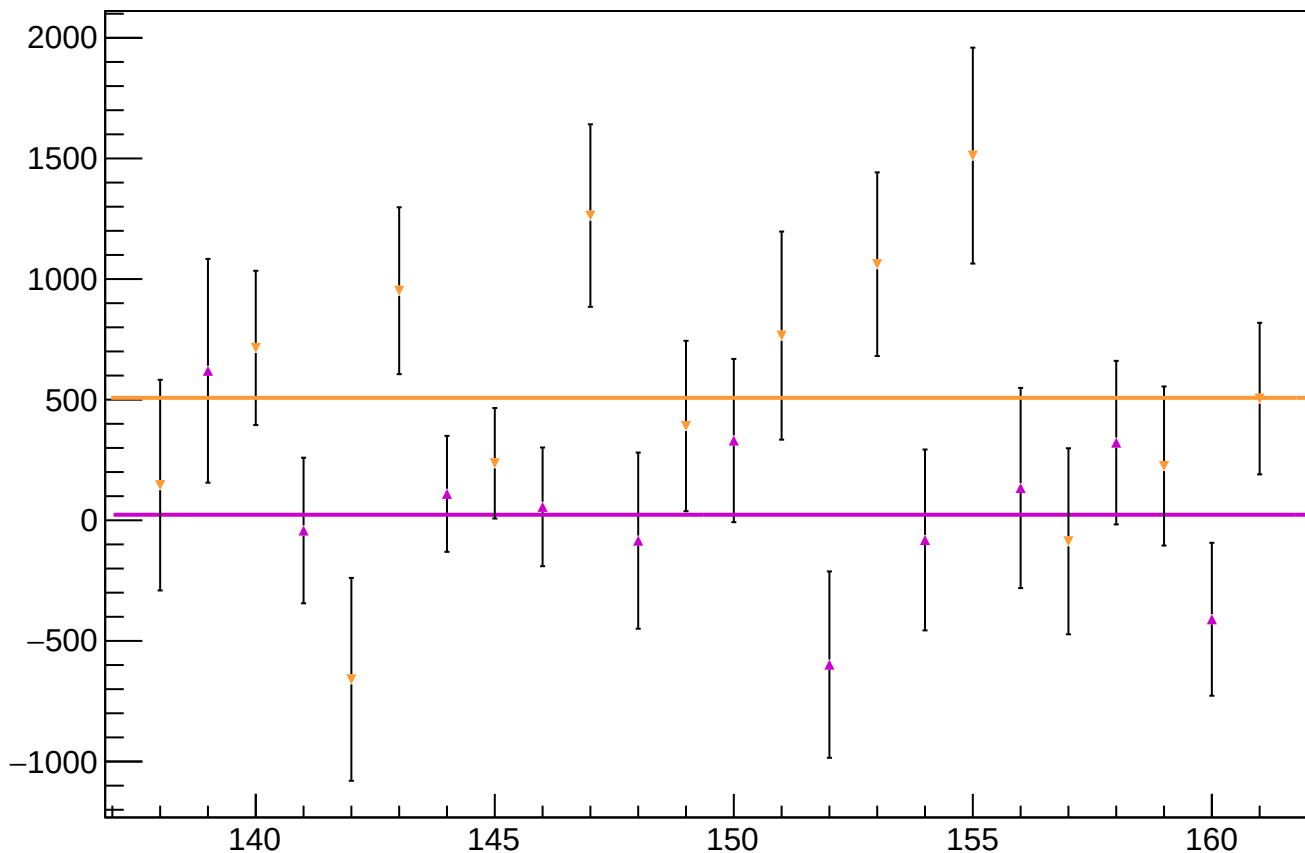
Left In: 277.986+/-0.067 χ^2/NDF : 834593.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.100+/-0.047 χ^2/NDF : 1701226.8/23

- 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: 507.682+/-96.941 χ^2/NDF : 26.6/12

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

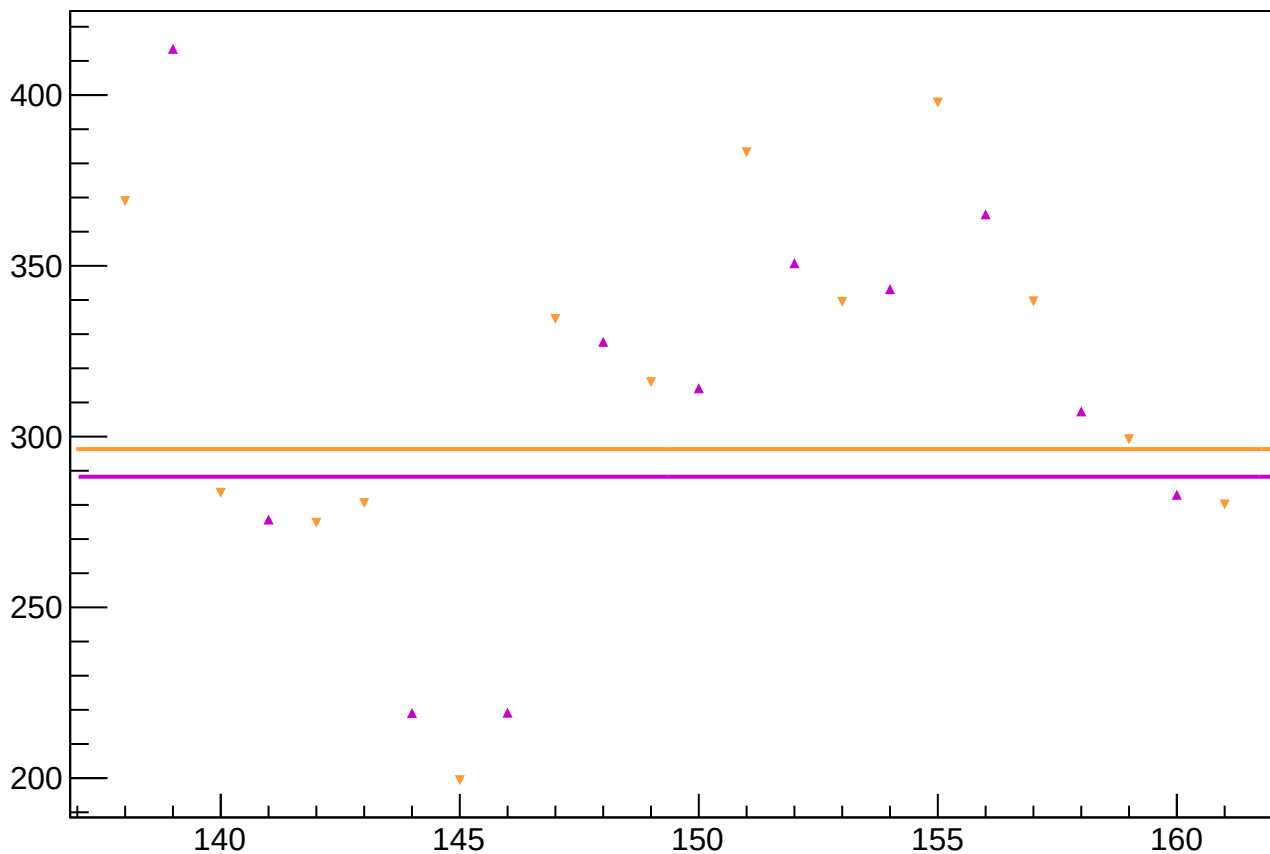
Left In: 23.055+/-98.085 χ^2/NDF : 8.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.210+/-68.949 χ^2/NDF : 47.1/23

- 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: 296.347+/-0.069 χ^2/NDF : 692829.1/12

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

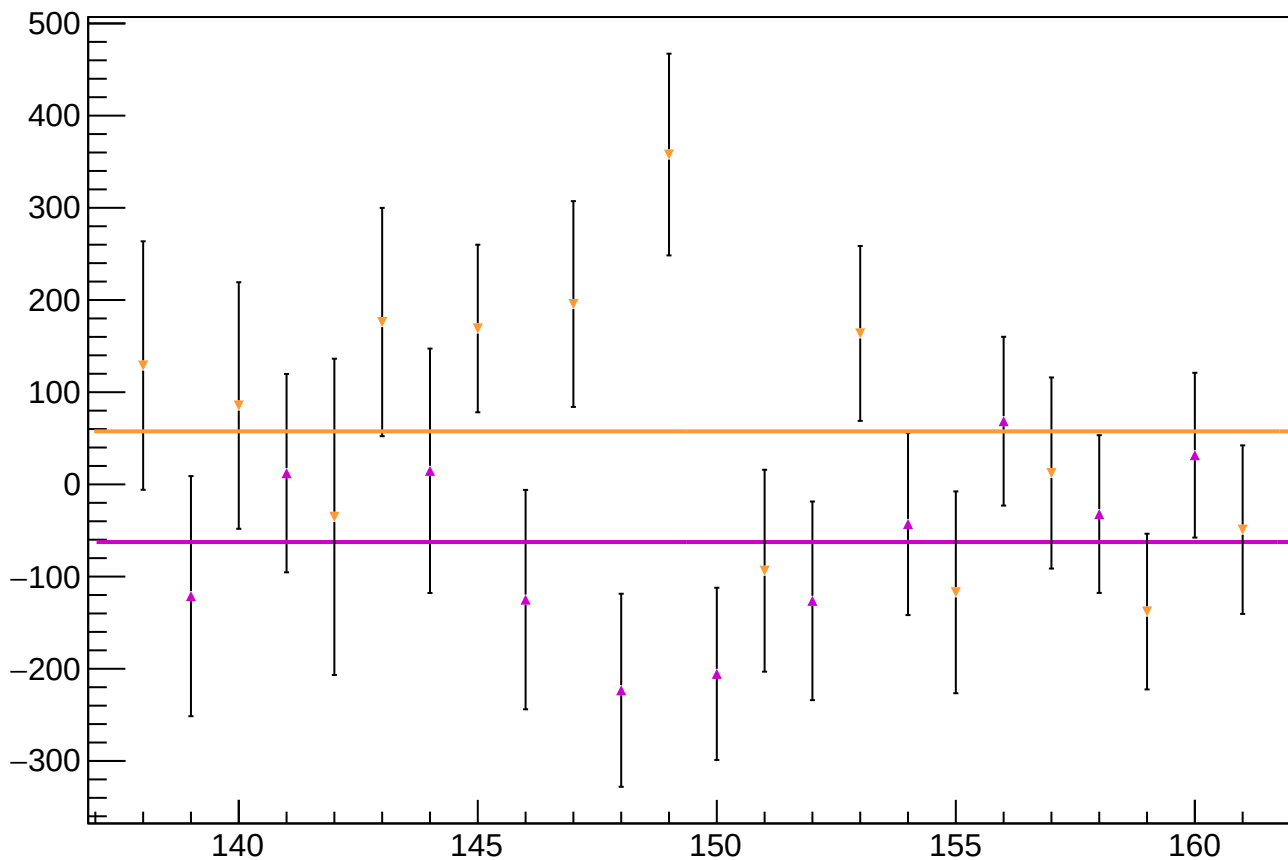
Left In: 288.254+/-0.069 χ^2/NDF : 678522.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.348+/-0.049 χ^2/NDF : 1378240.1/23

- 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: 57.524+/-29.798 χ^2/NDF : 24.7/12

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

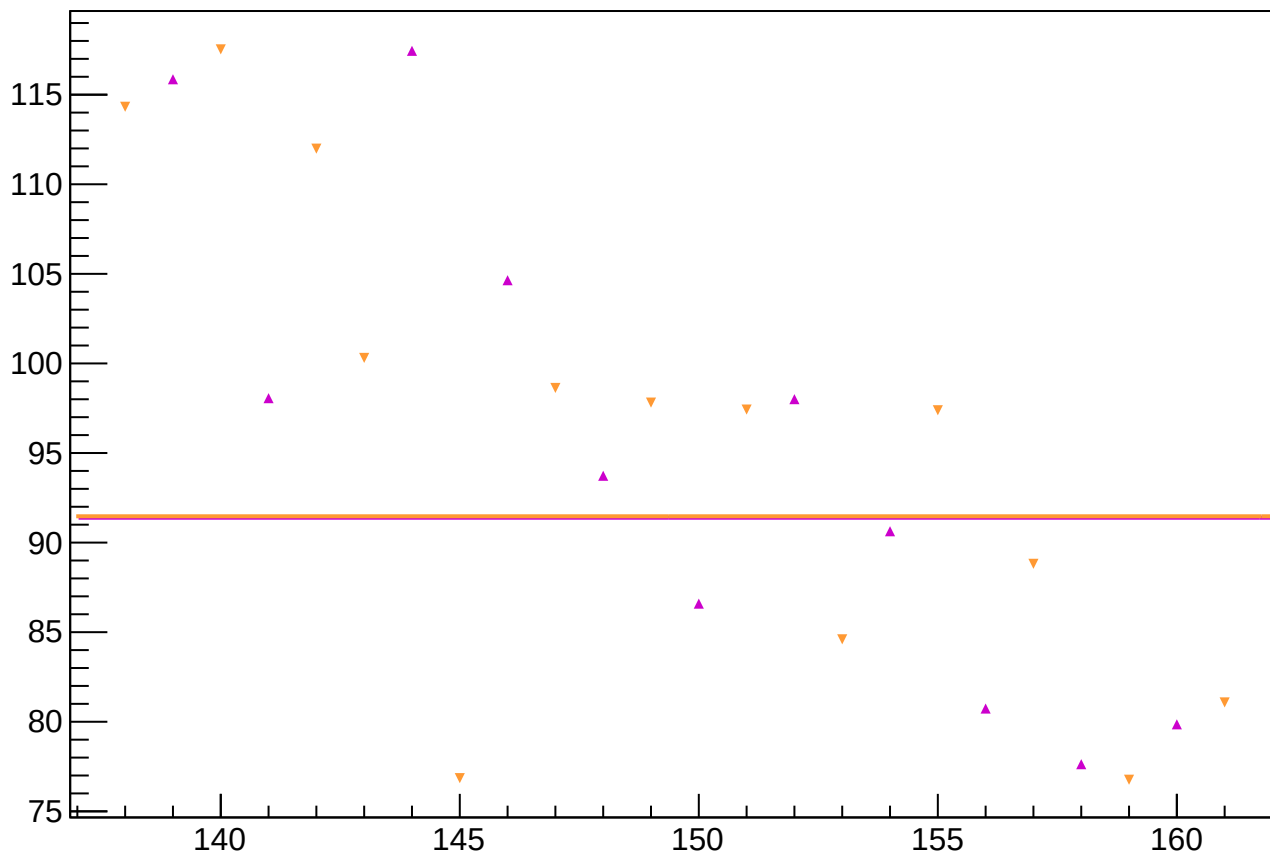
Left In: -62.512+/-30.882 χ^2/NDF : 9.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.350+/-21.443 χ^2/NDF : 42.2/23

- 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: 91.468+/-0.021 χ^2/NDF : 349075.6/12

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

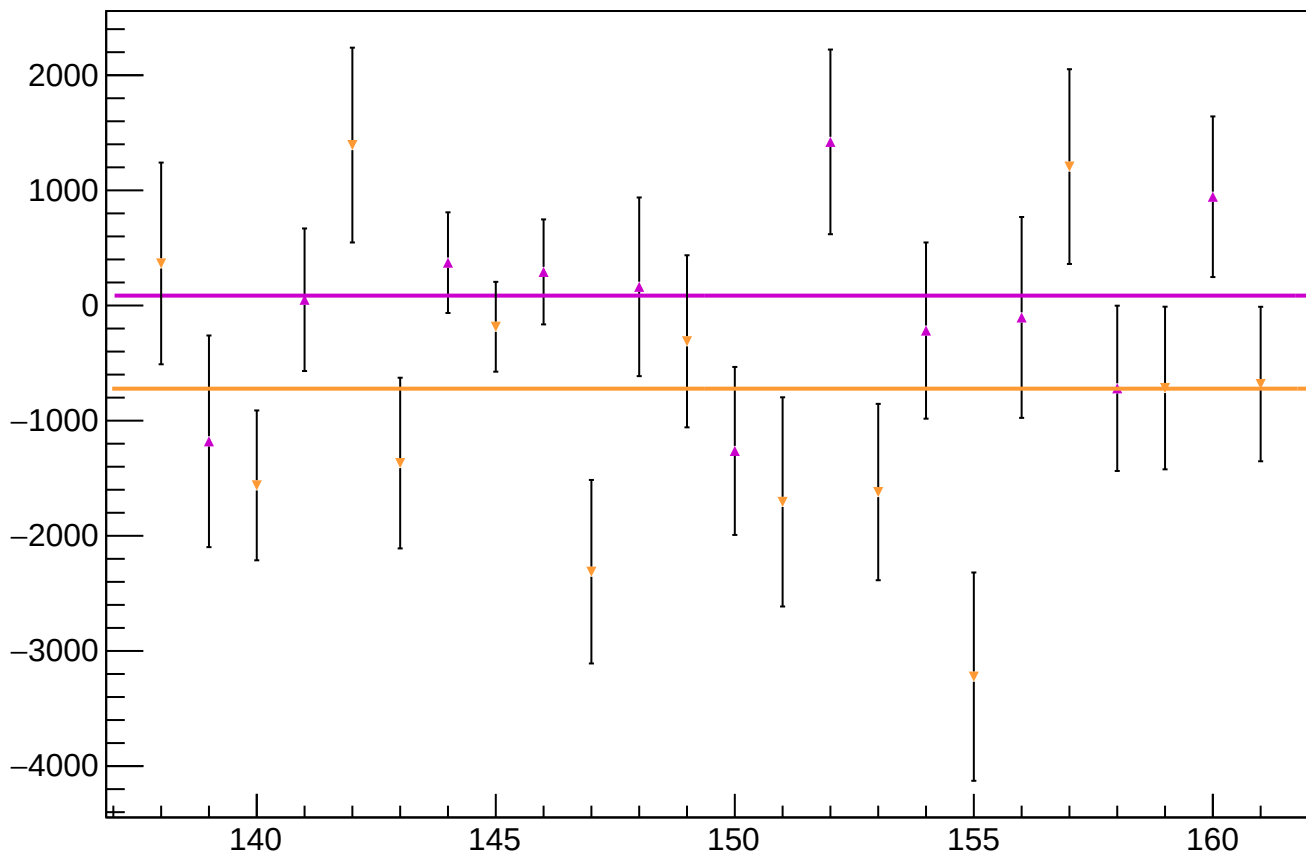
Left In: 91.389+/-0.022 χ^2/NDF : 306463.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.430+/-0.015 χ^2/NDF : 655545.6/23

- 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: -722.212+/-193.953 χ^2/NDF : 31.8/12

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

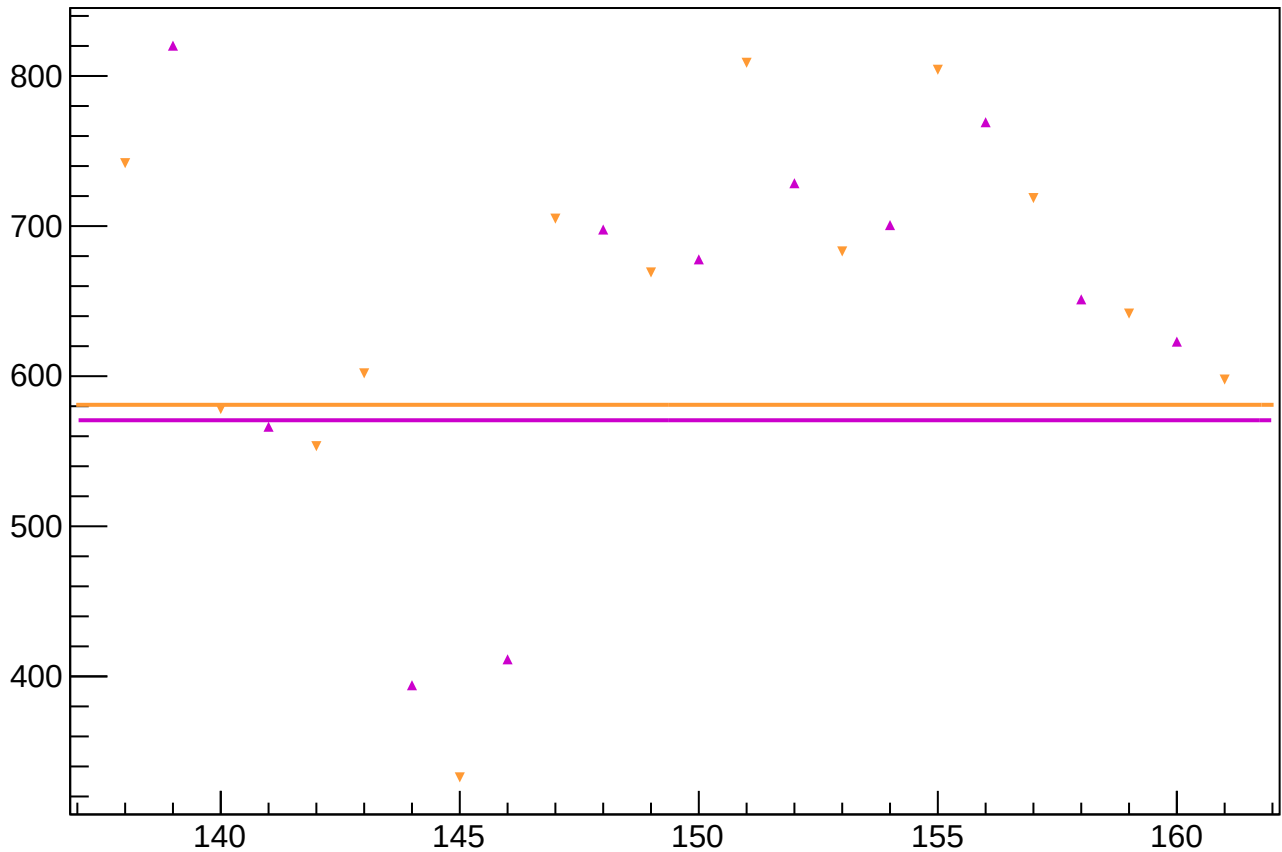
Left In: 85.889+/-196.300 χ^2/NDF : 11.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.022+/-137.968 χ^2/NDF : 52.1/23

- 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: 580.936+/-0.137 χ^2/NDF :1309574.5/12

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

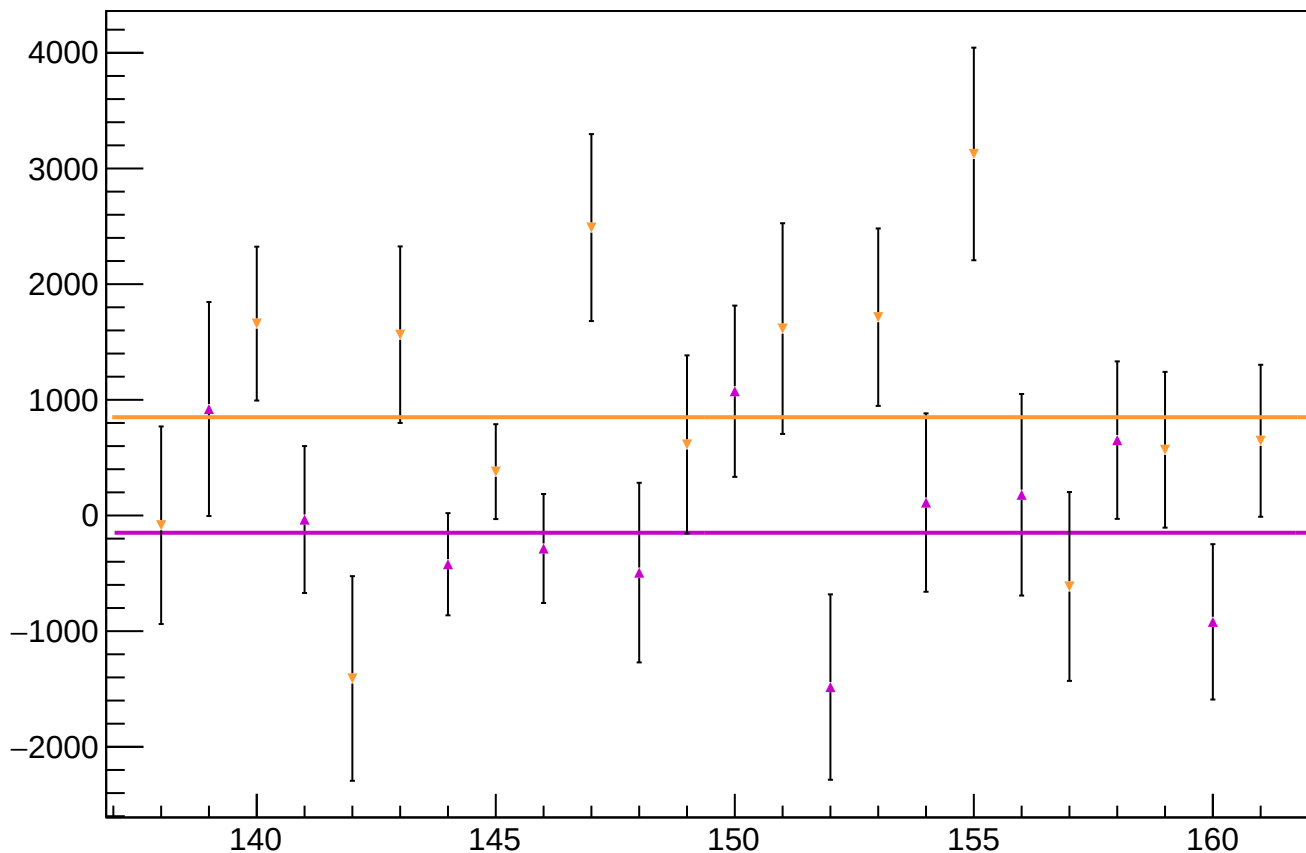
Left In: 570.647+/-0.139 χ^2/NDF :1089977.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.853+/-0.098 χ^2/NDF : 2402331.9/23

- 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: 849.746+/-196.478 χ^2/NDF : 27.2/12

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

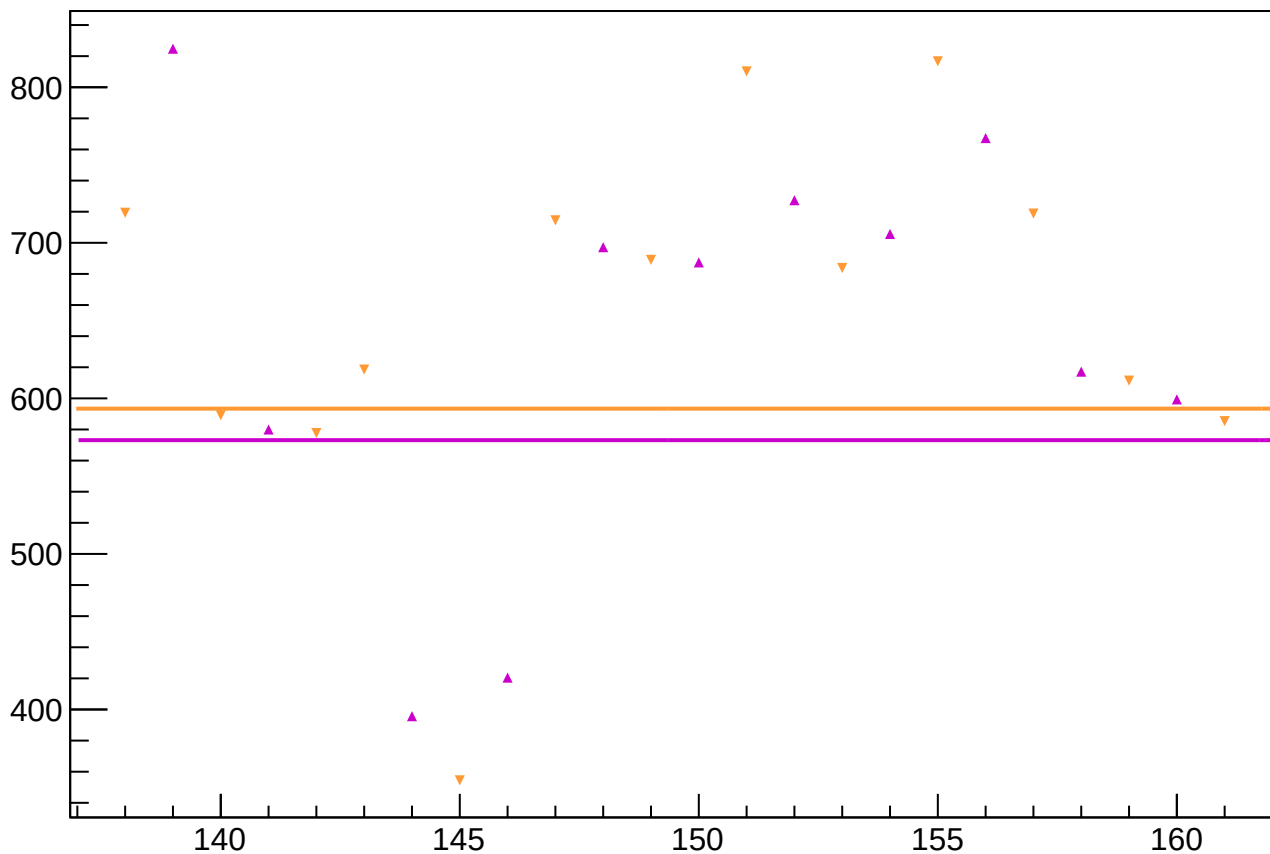
Left In: -149.274+/-197.287 χ^2/NDF : 10.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.289+/-139.216 χ^2/NDF : 50.6/23

- 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: 593.398+/-0.139 χ^2/NDF :1109430.7/12

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

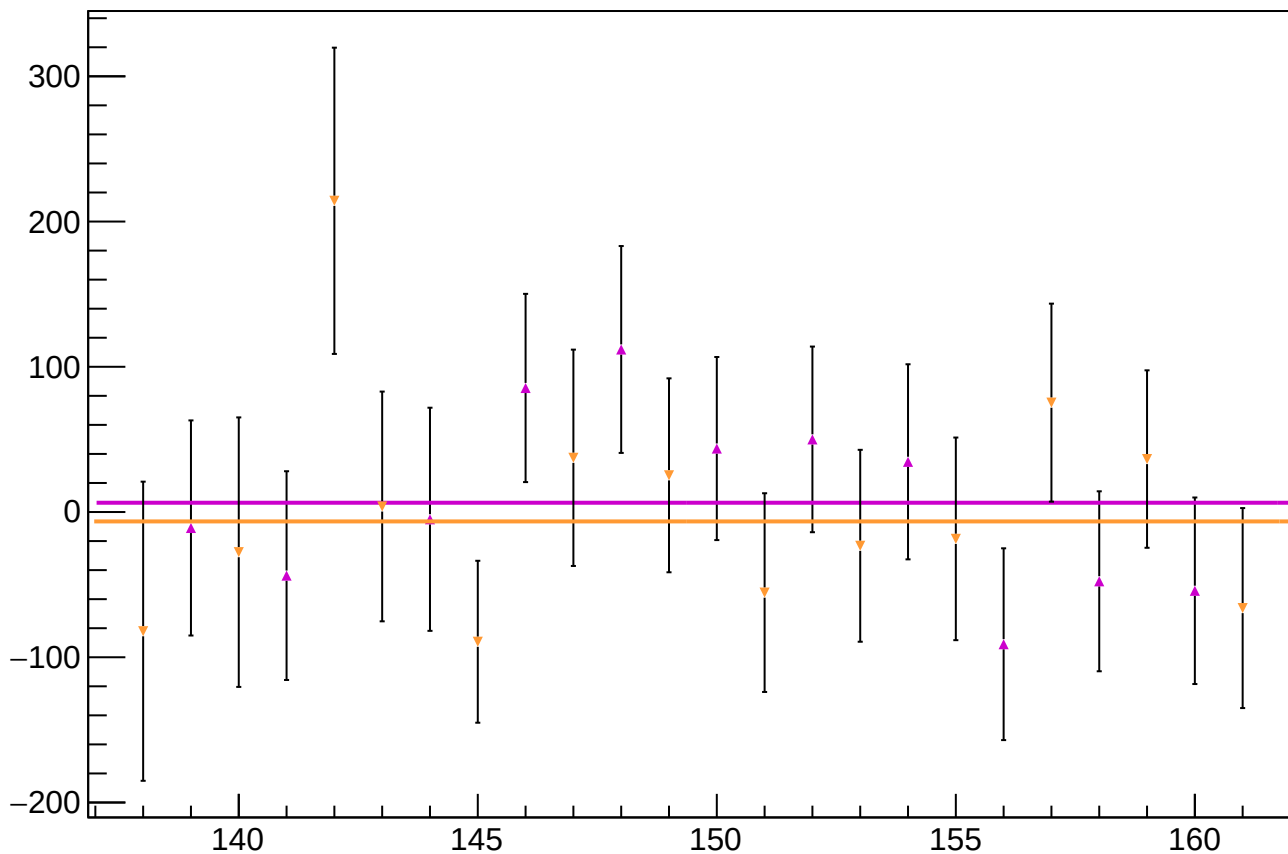
Left In: 573.132+/-0.140 χ^2/NDF :1023675.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.307+/-0.098 χ^2/NDF : 2143701.9/23

- 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: -6.466 $\pm$ 19.885 χ^2 /NDF:11.1/12

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

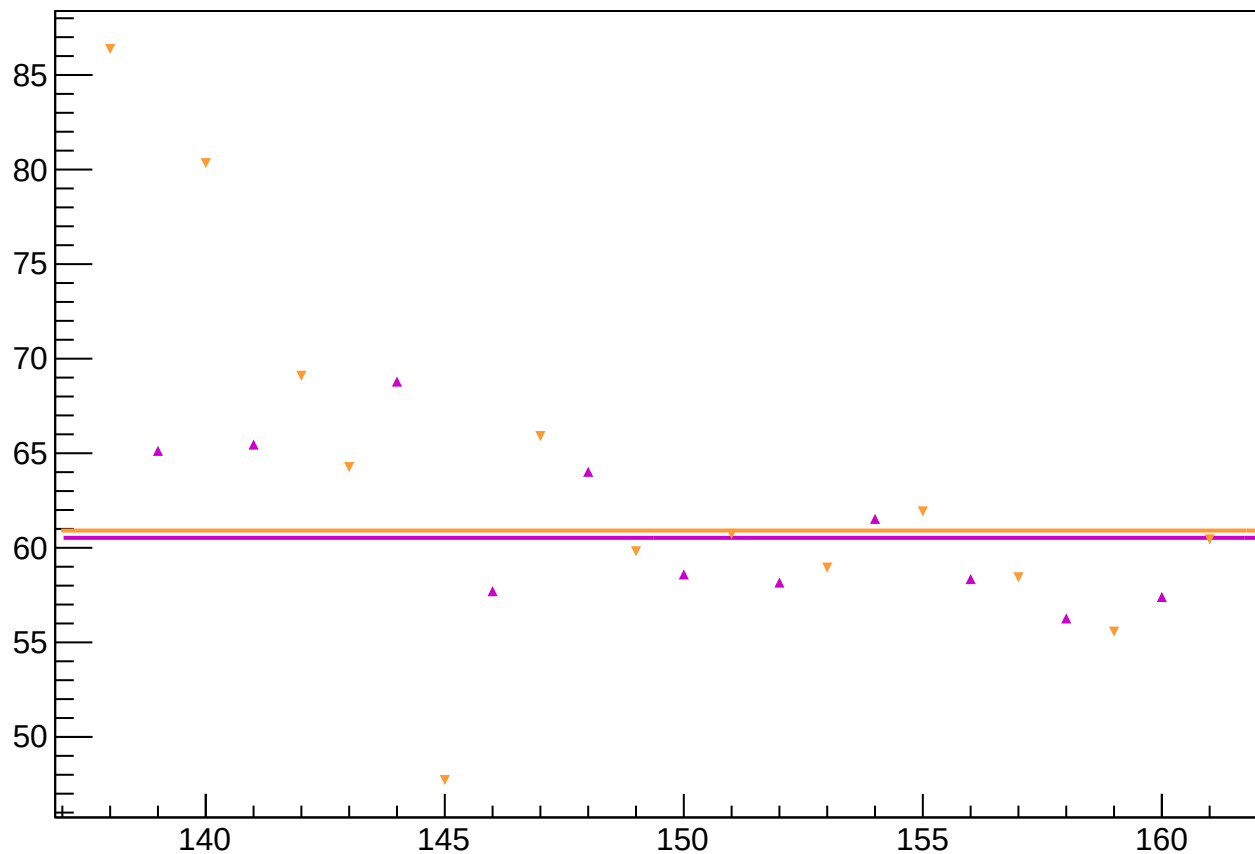
Left In: 6.390 $\pm$ 20.281 χ^2 /NDF:9.1/10

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

All: -0.165 $\pm$ 14.199 χ^2 /NDF: 20.3/23

- 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: 60.911+/-0.014 χ^2/NDF : 367302.0/12

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

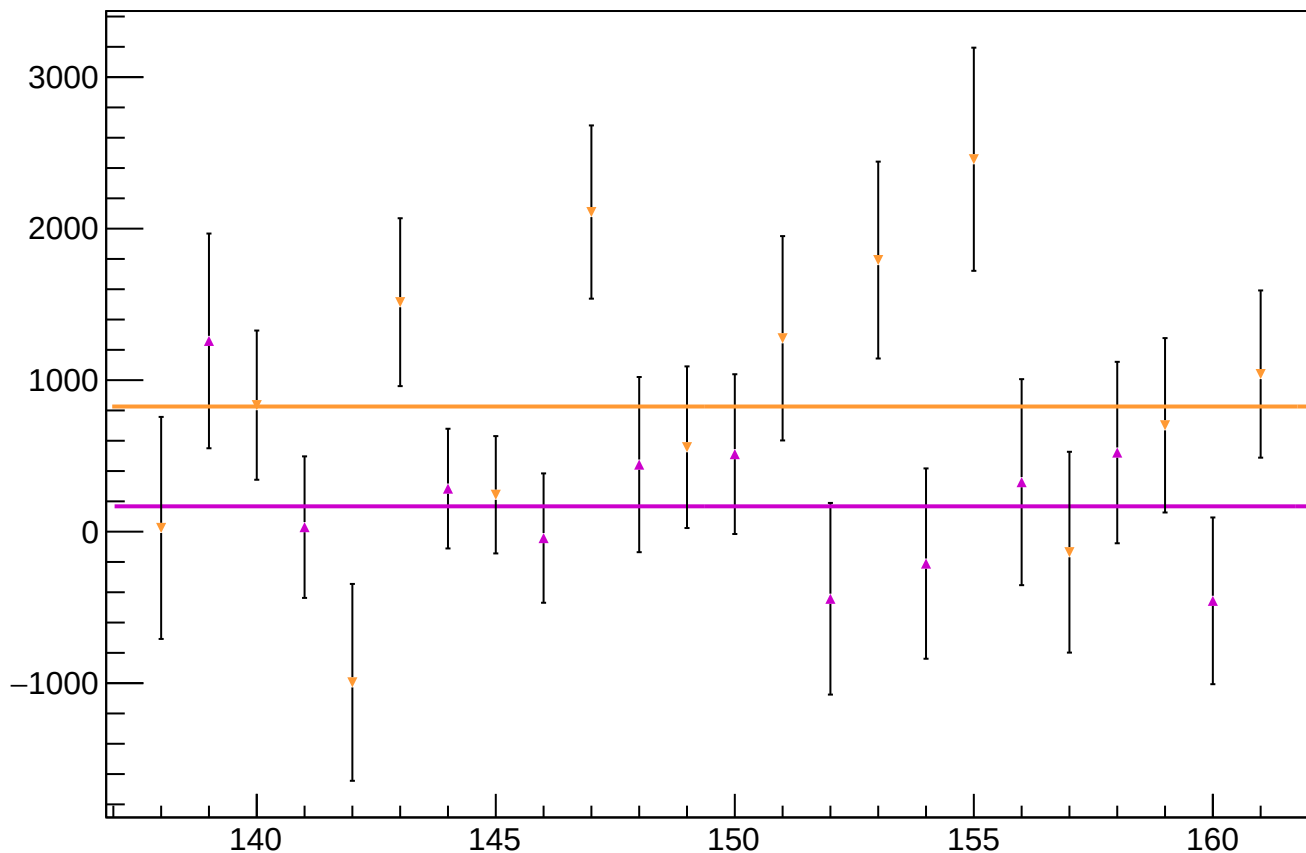
Left In: 60.527+/-0.014 χ^2/NDF : 70311.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.723+/-0.010 χ^2/NDF : 437978.9/23

- 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: 825.989+/-158.418 χ^2/NDF : 28.0/12

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

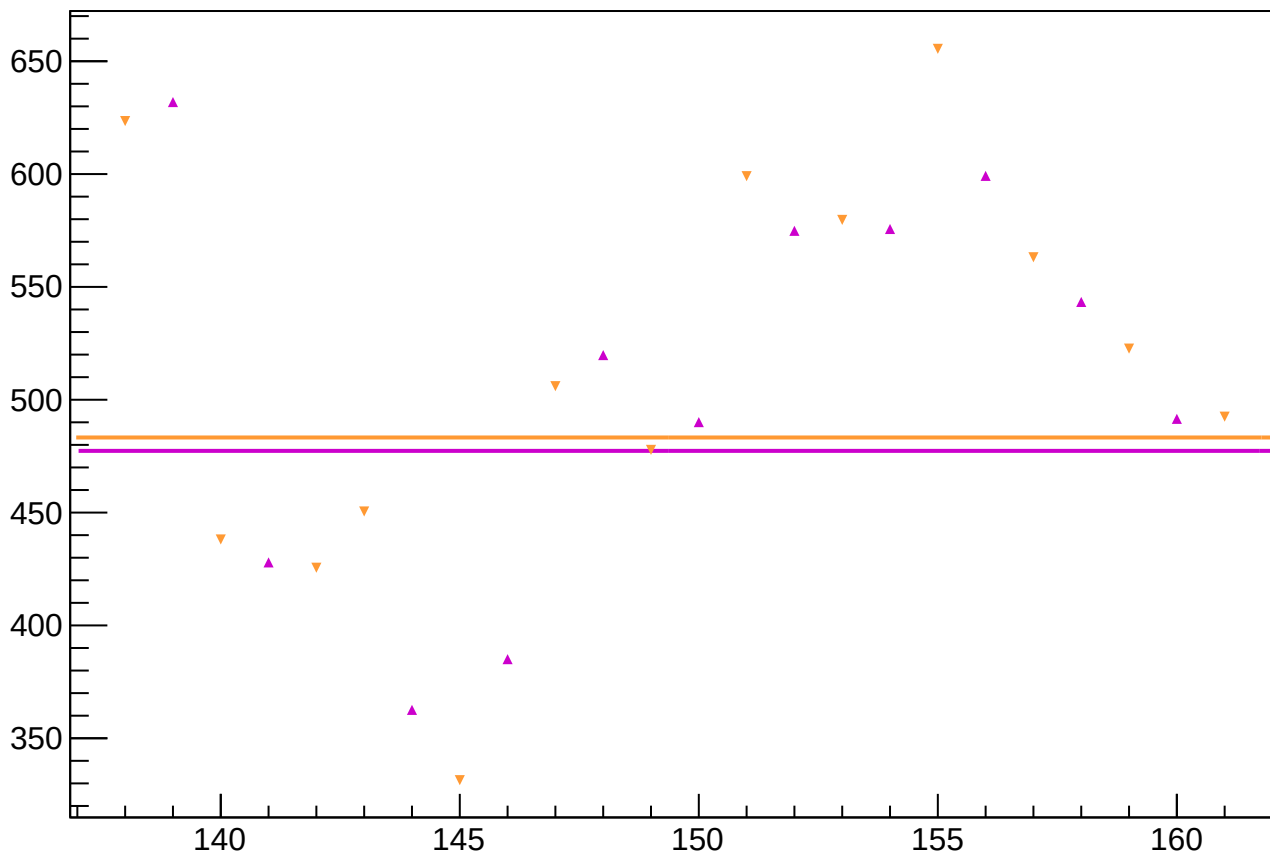
Left In: 167.168+/-161.482 χ^2/NDF : 6.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.888+/-113.086 χ^2/NDF : 42.9/23

- 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: 483.279+/-0.112 χ^2/NDF : 675169.9/12

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

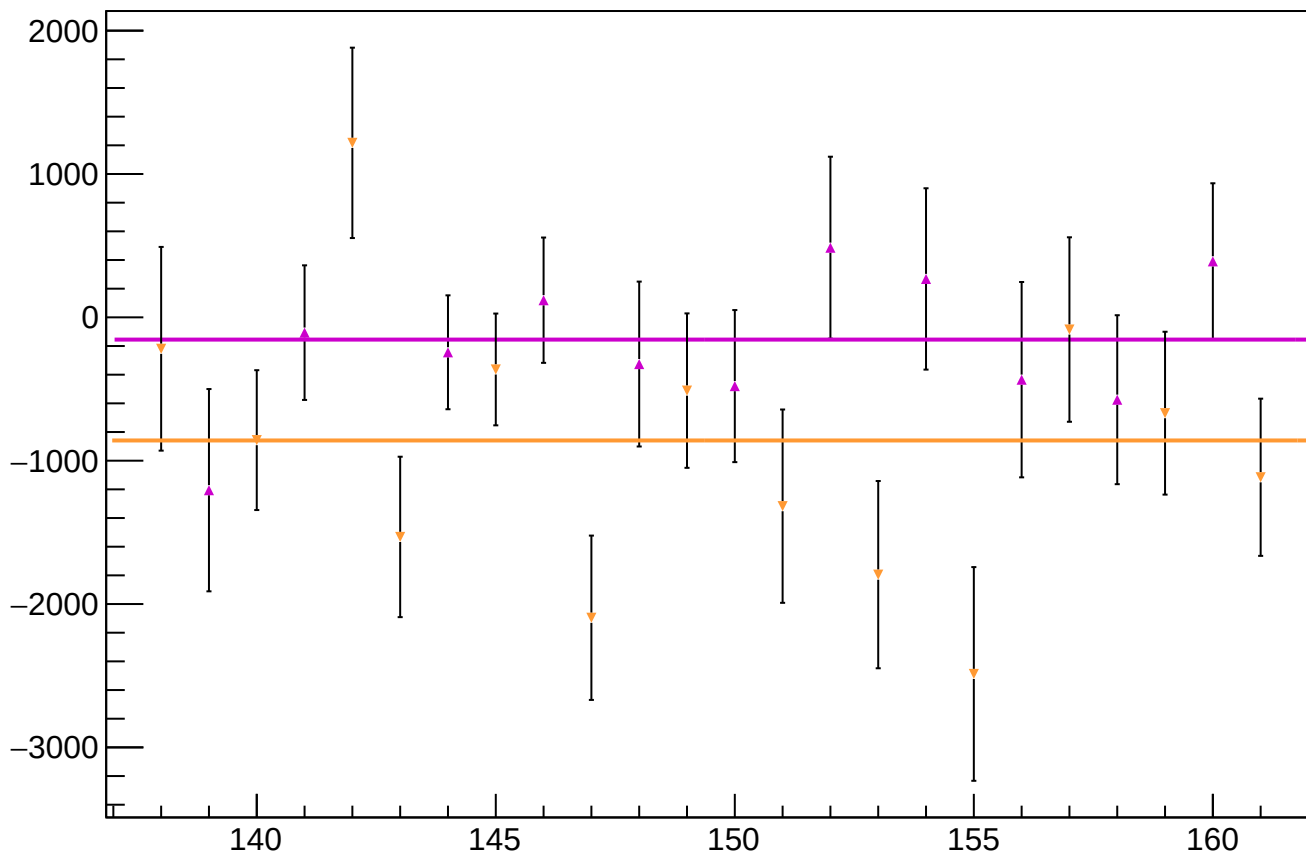
Left In: 477.345+/-0.114 χ^2/NDF : 578185.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.369+/-0.080 χ^2/NDF : 1254731.6/23

- 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: -858.915+/-158.323 χ^2/NDF : 27.8/12

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

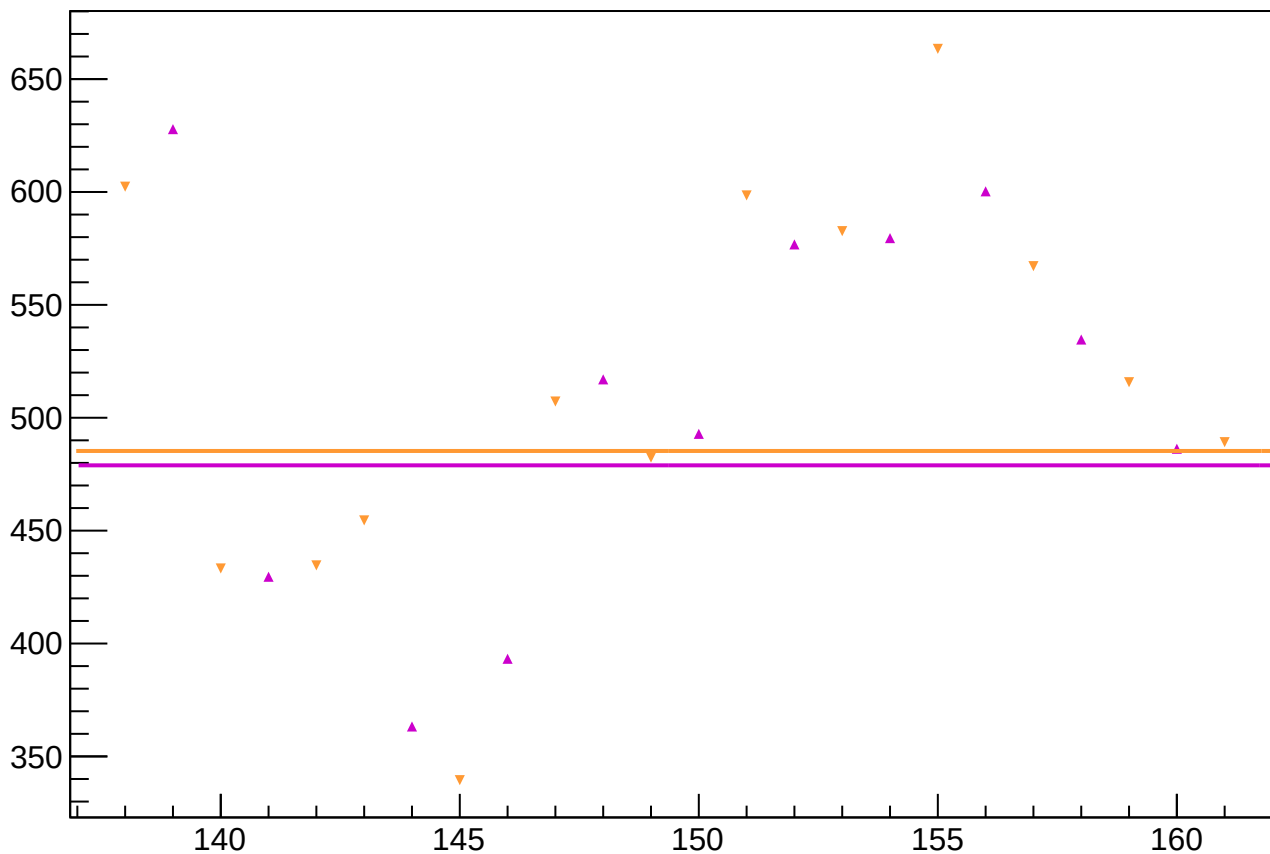
Left In: -155.212+/-162.056 χ^2/NDF : 6.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -515.263+/-113.248 χ^2/NDF : 43.7/23

- 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: 485.290+/-0.112 χ^2/NDF : 630588.0/12

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

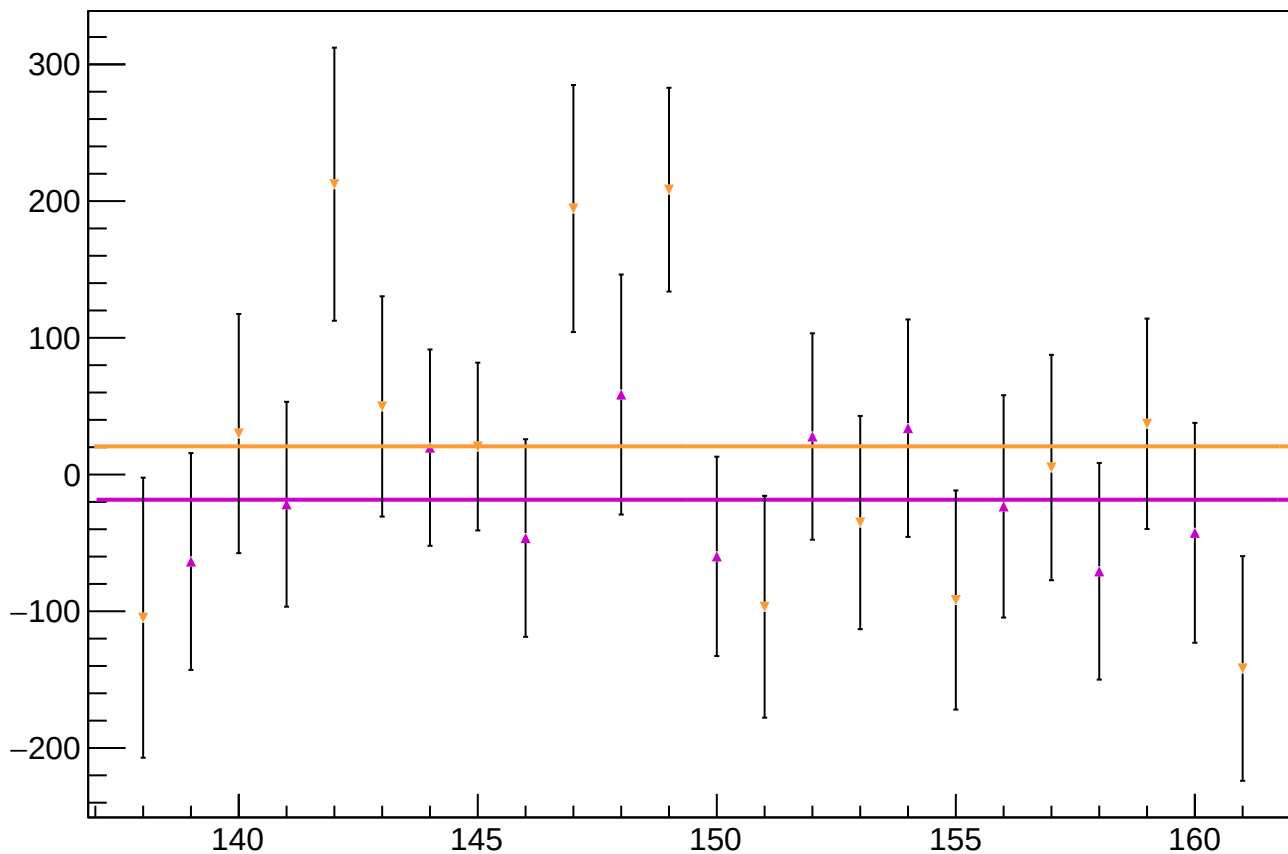
Left In: 478.923+/-0.115 χ^2/NDF : 547503.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.181+/-0.080 χ^2/NDF : 1179670.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 20.644+/-22.445 χ^2/NDF : 23.9/12

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

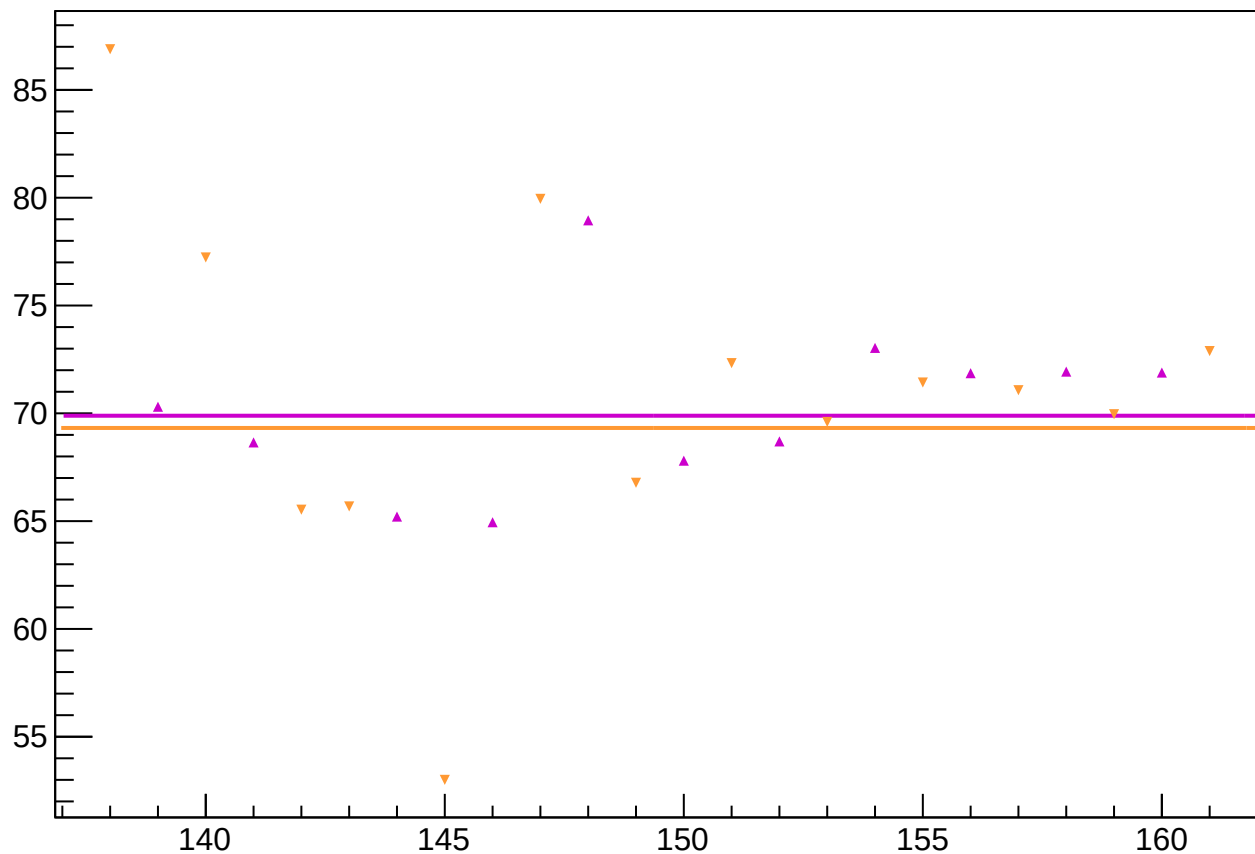
Left In: -18.414+/-23.317 χ^2/NDF : 3.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.858+/-16.171 χ^2/NDF : 28.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 69.321+/-0.016 χ^2/NDF : 262624.4/12

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

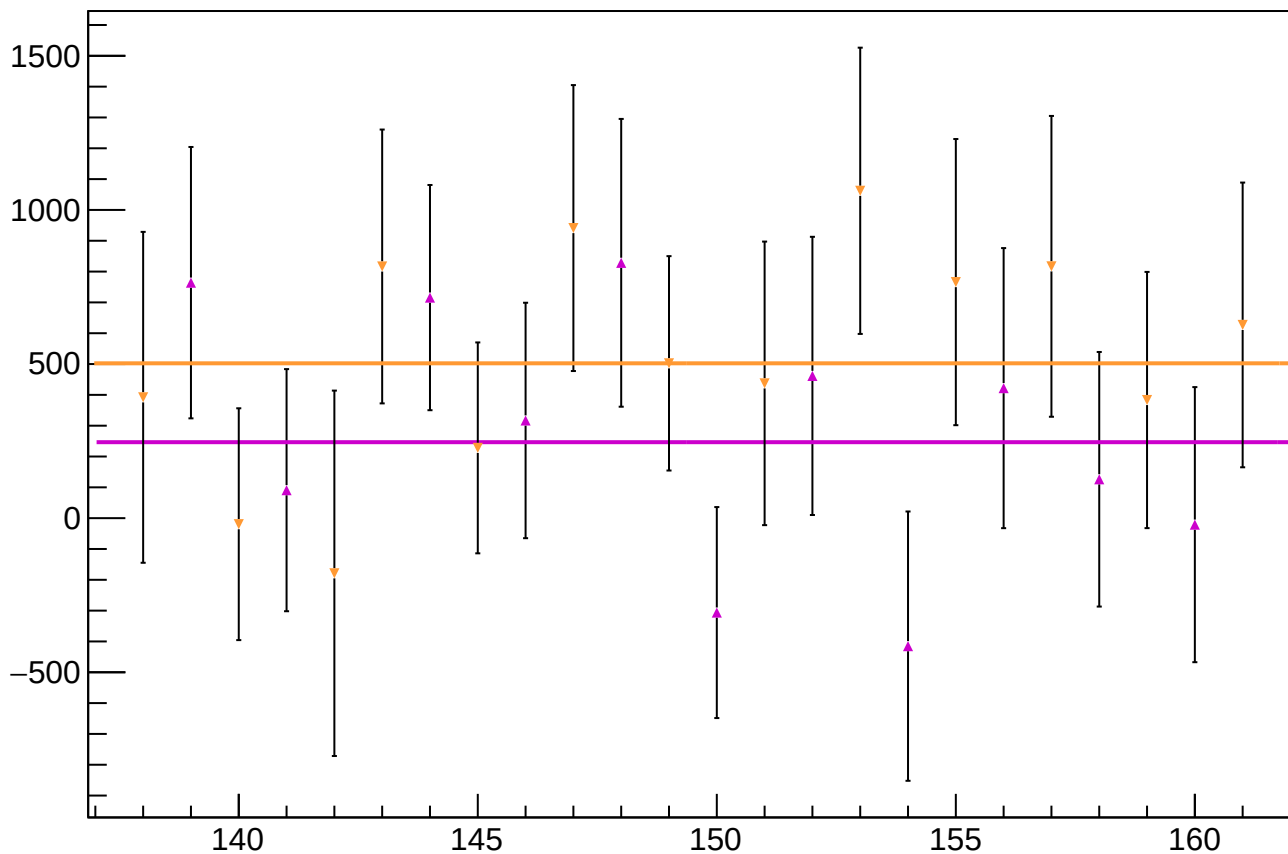
Left In: 69.889+/-0.016 χ^2/NDF : 48767.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.594+/-0.011 χ^2/NDF : 312006.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 502.380+/-120.739 χ^2/NDF : 7.7/12

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

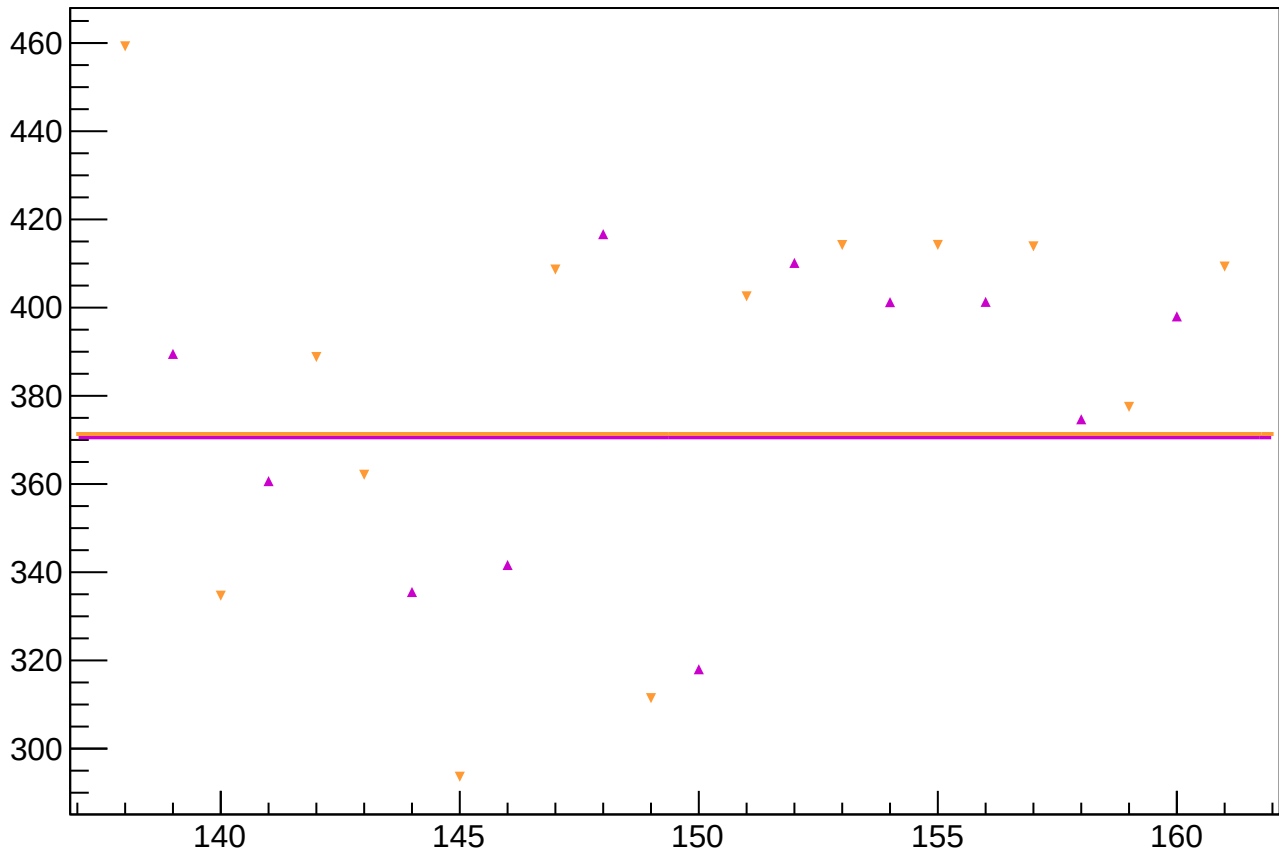
Left In: 246.482+/-124.042 χ^2/NDF : 10.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.883+/-86.520 χ^2/NDF : 20.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 371.342+/-0.085 χ^2/NDF : 323172.8/12

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

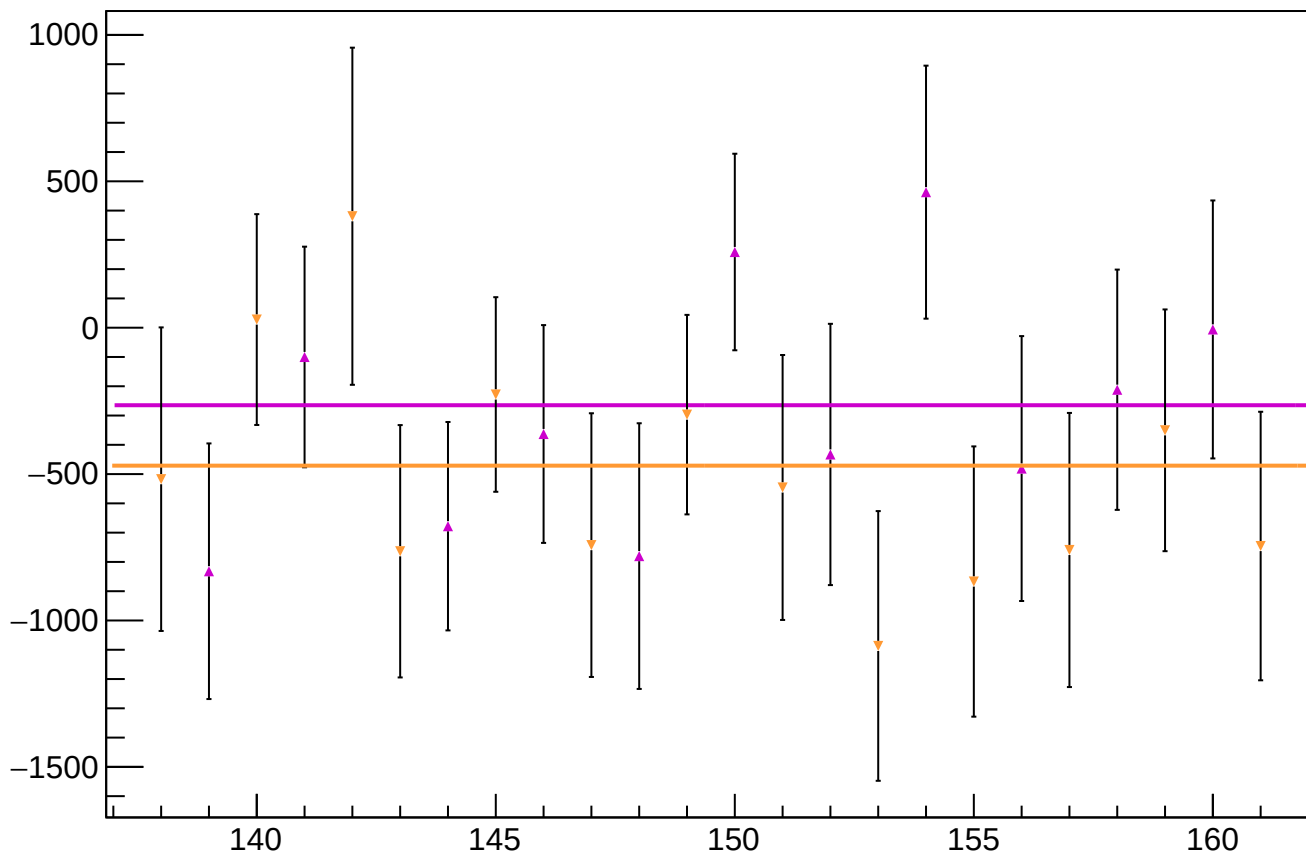
Left In: 370.590+/-0.088 χ^2/NDF : 143698.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.976+/-0.061 χ^2/NDF : 466908.8/23

- 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: -471.167+/-117.921 χ^2/NDF : 9.1/12

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

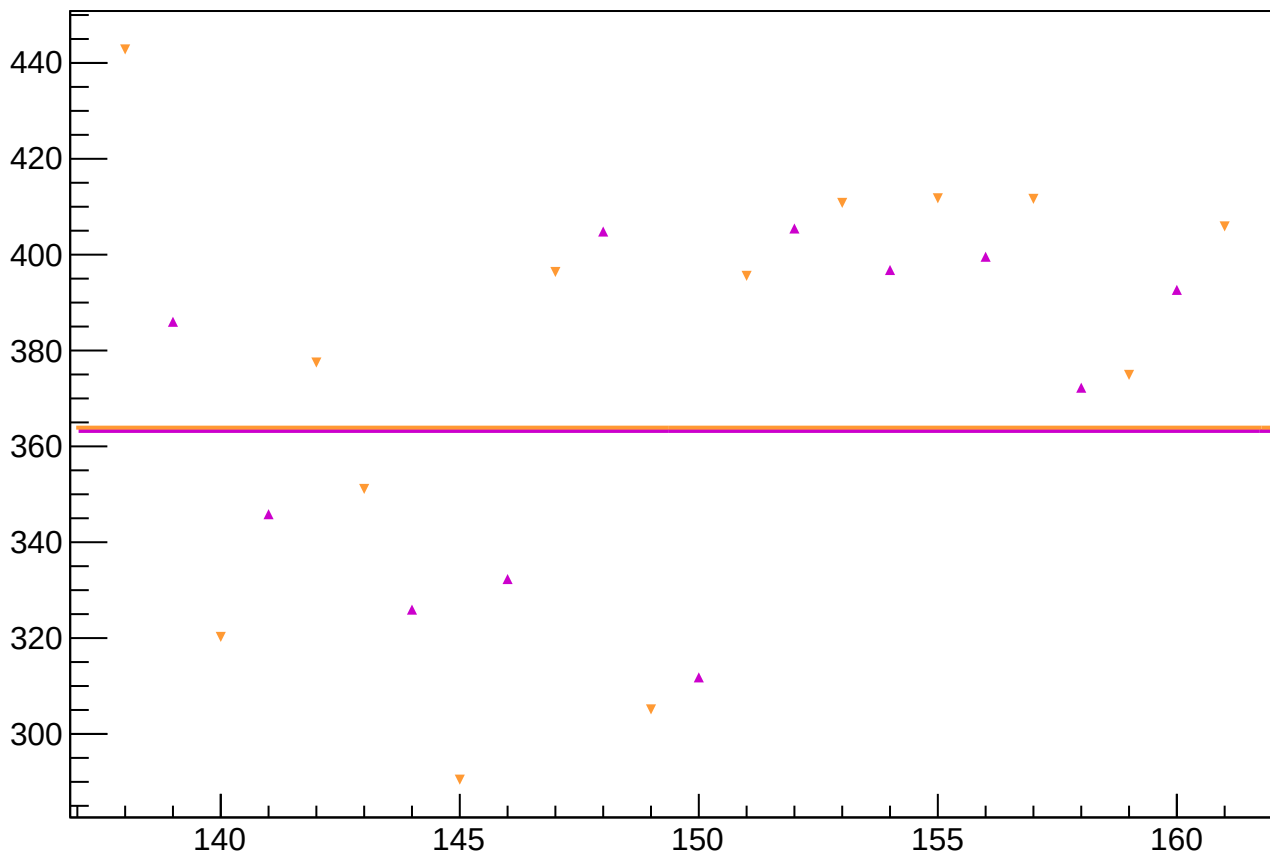
Left In: -264.786+/-121.712 χ^2/NDF : 10.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -371.241+/-84.691 χ^2/NDF : 21.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 363.907+/-0.083 χ^2/NDF : 337287.7/12

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

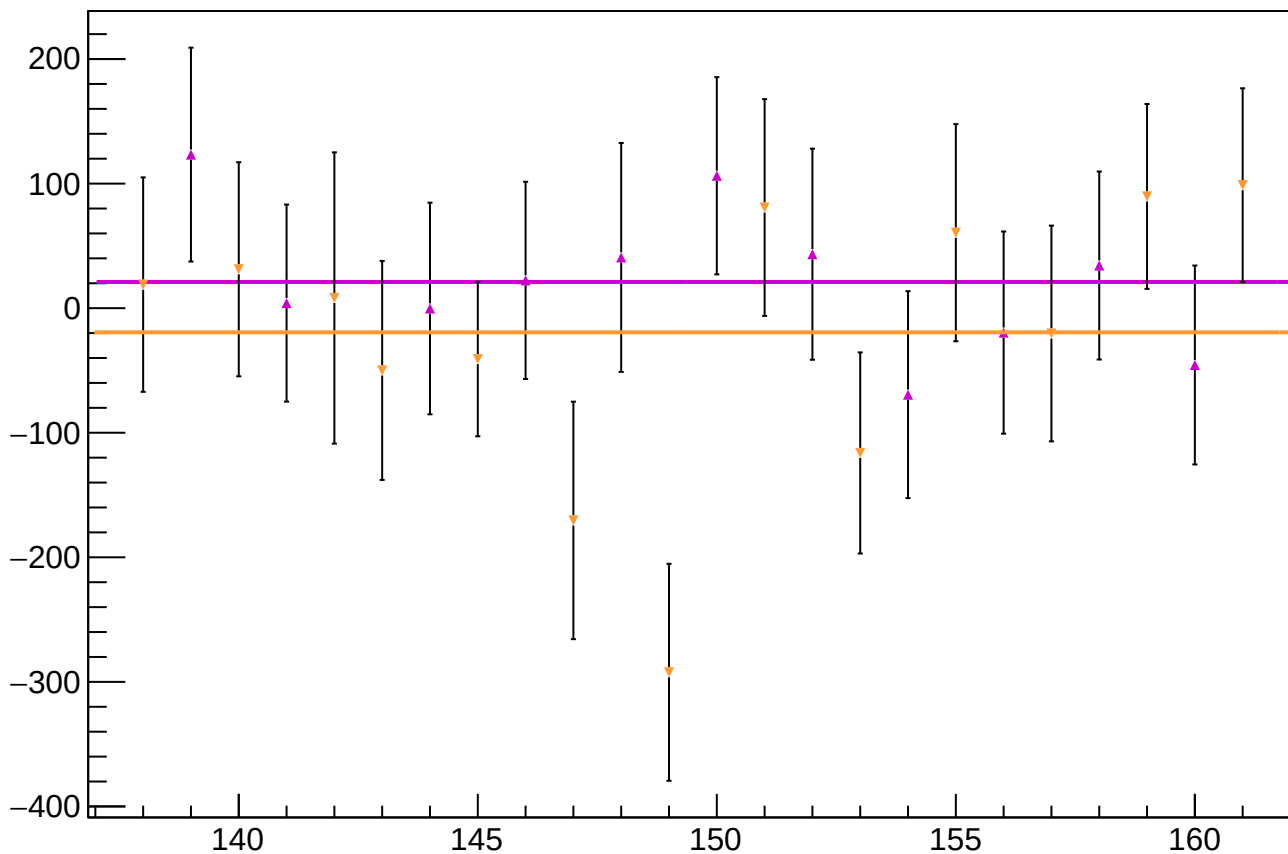
Left In: 363.224+/-0.086 χ^2/NDF : 162003.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.576+/-0.060 χ^2/NDF : 499323.8/23

- 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: -19.385+/-23.110 χ^2/NDF : 21.2/12

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

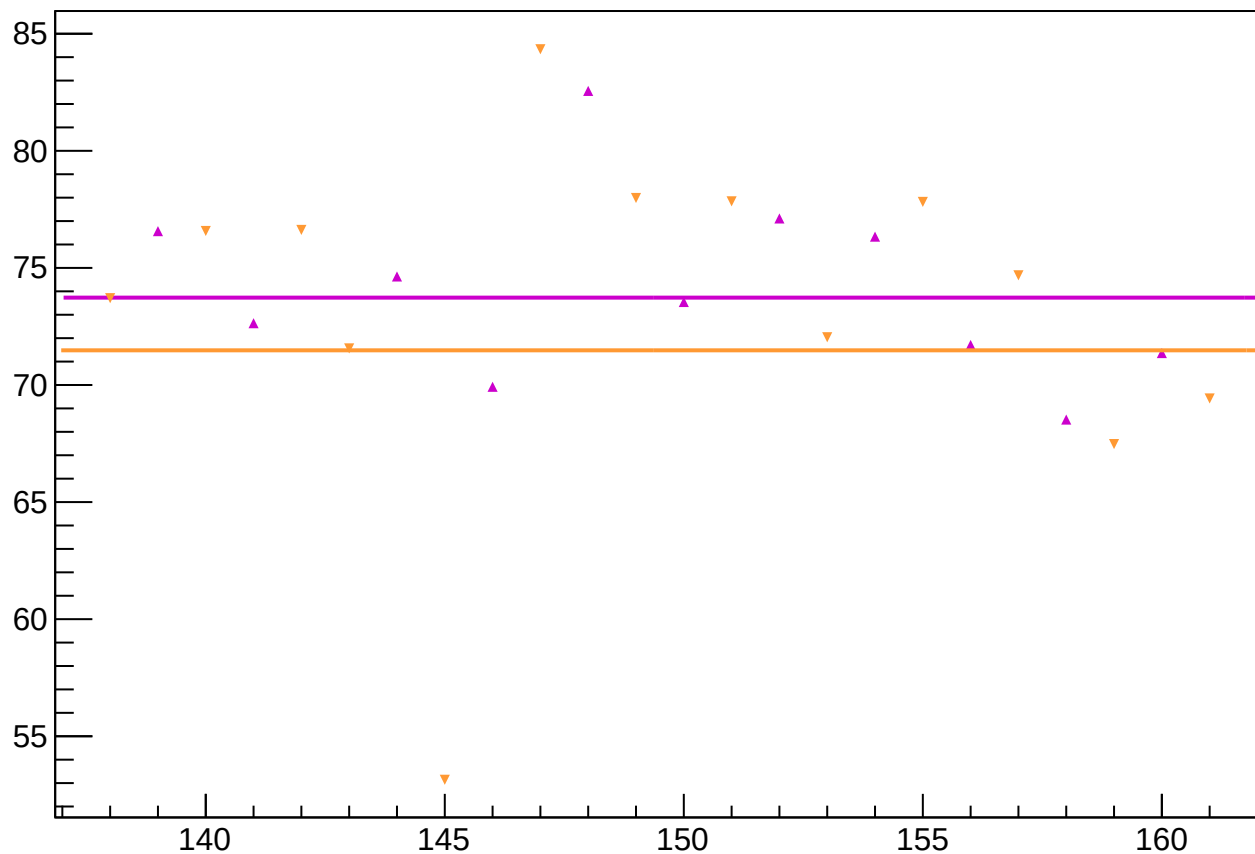
Left In: 21.070+/-24.692 χ^2/NDF : 5.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.496+/-16.873 χ^2/NDF : 27.6/23

- 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: 71.481+/-0.016 χ^2/NDF :266077.7/12

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

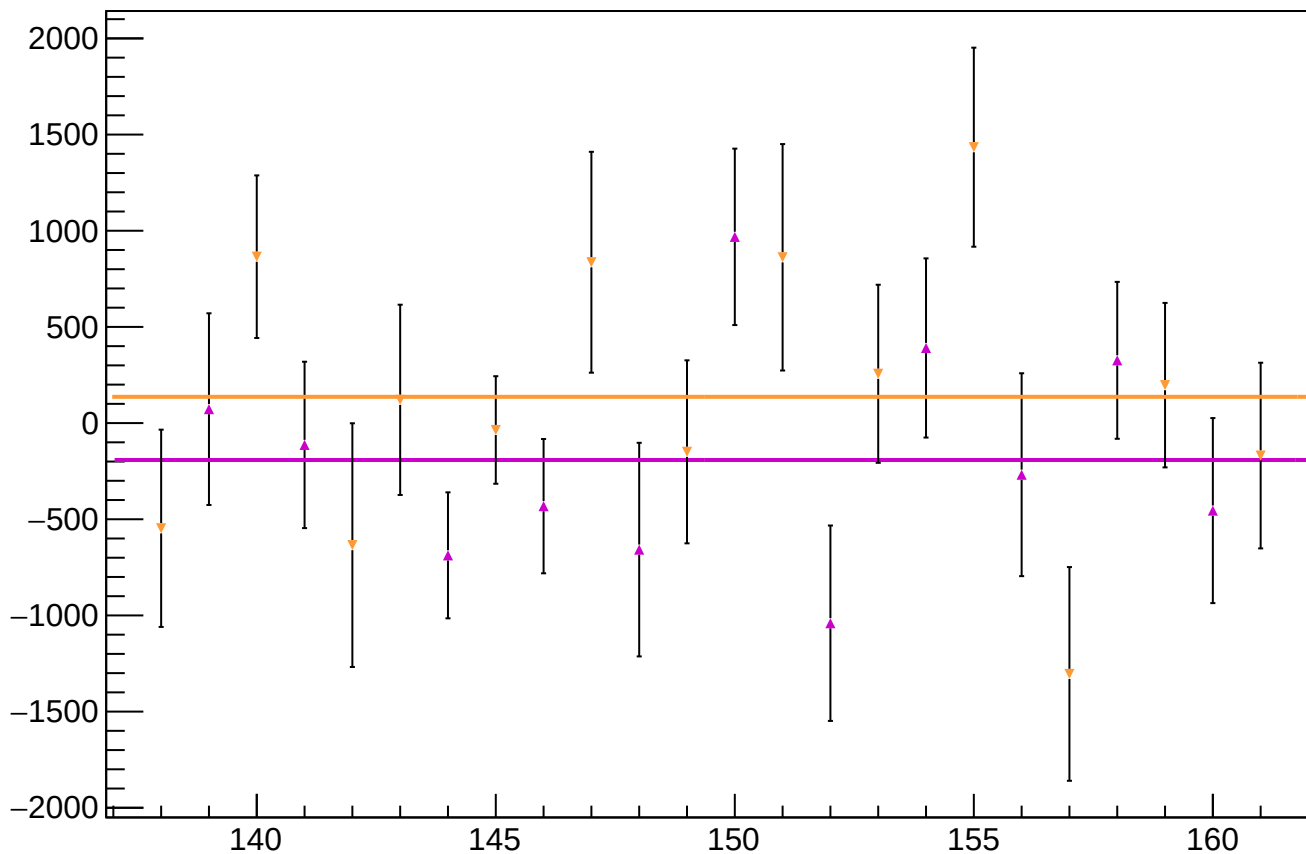
Left In: 73.731+/-0.017 χ^2/NDF :43556.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.531+/-0.012 χ^2/NDF : 318487.9/23

- 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: 136.517+/-128.544 χ^2/NDF : 23.5/12

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

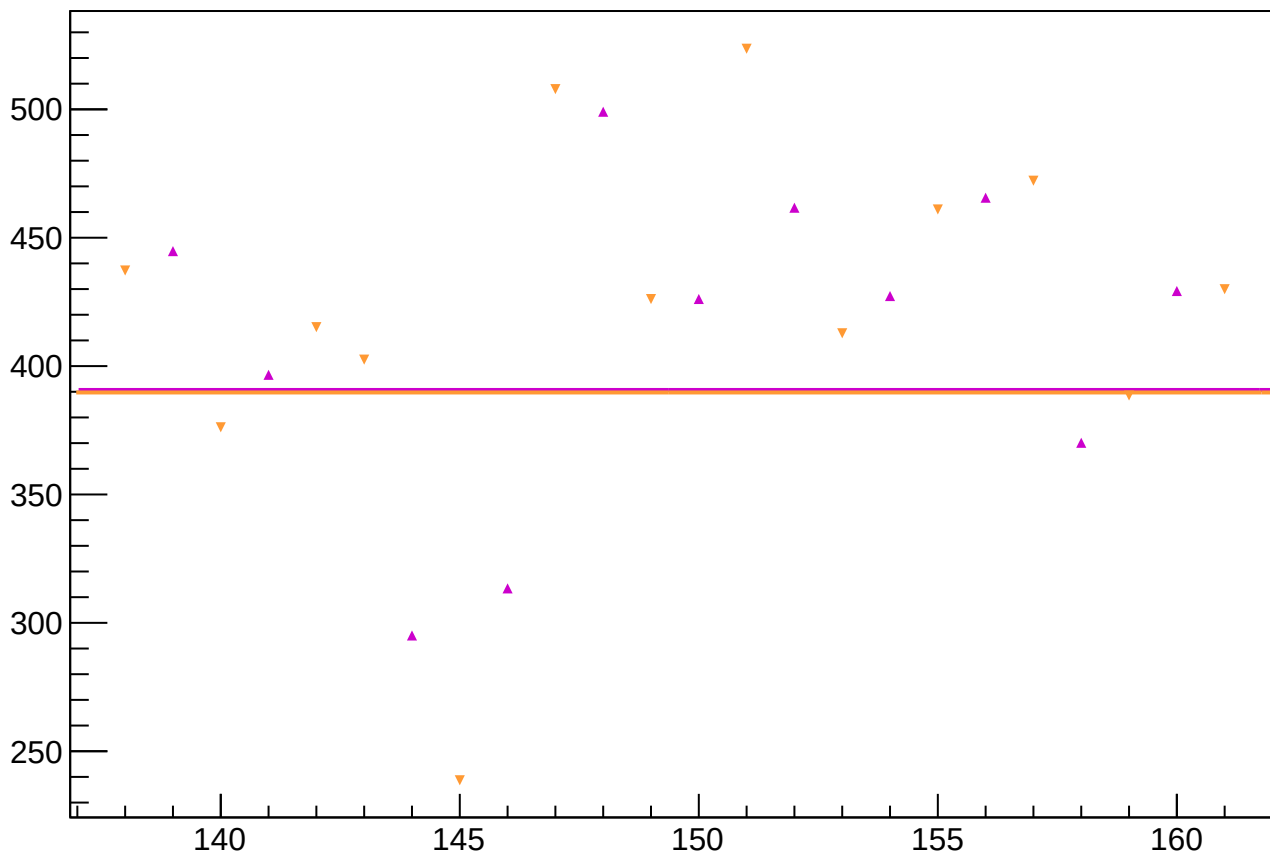
Left In: -191.908+/-132.097 χ^2/NDF : 16.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.220+/-92.125 χ^2/NDF : 43.1/23

- 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: 389.731+/-0.091 χ^2/NDF : 908431.4/12

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

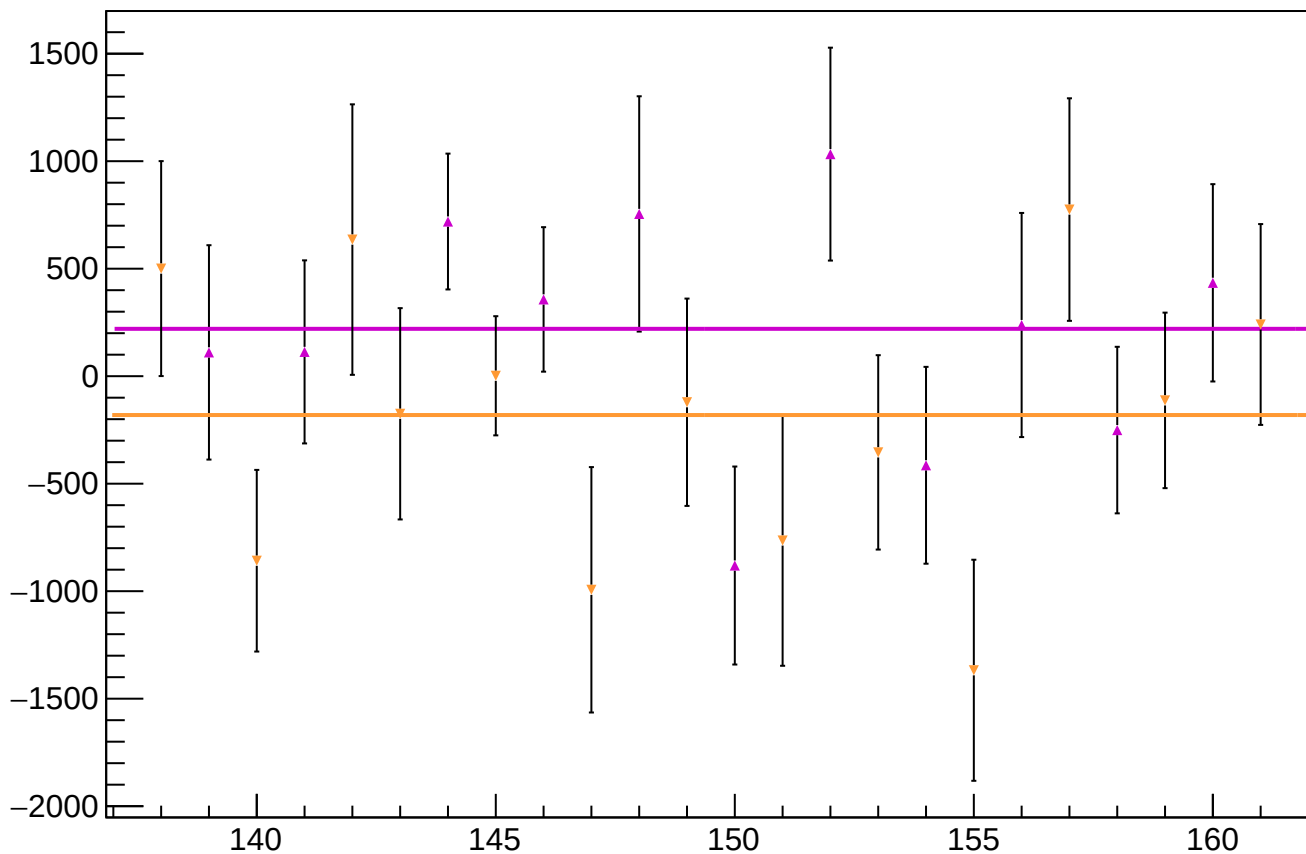
Left In: 390.705+/-0.093 χ^2/NDF : 490118.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.205+/-0.065 χ^2/NDF : 1398605.5/23

- 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: -180.688 $\pm$ 126.382 χ^2 /NDF:19.3/12

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

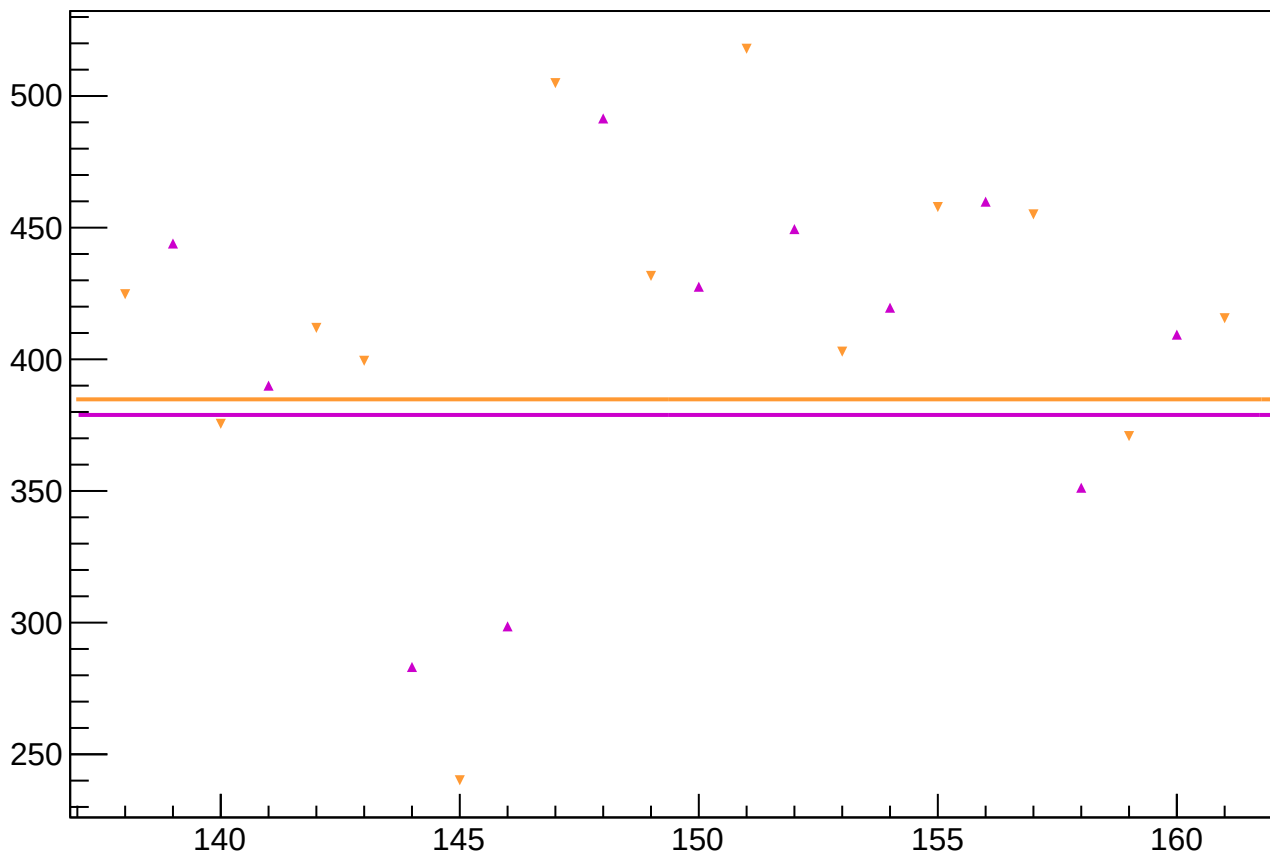
Left In: 220.295 $\pm$ 128.650 χ^2 /NDF:15.8/10

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

All: 16.238 $\pm$ 90.157 χ^2 /NDF: 40.0/23

- 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: 384.800+/-0.089 χ^2/NDF : 867595.4/12

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

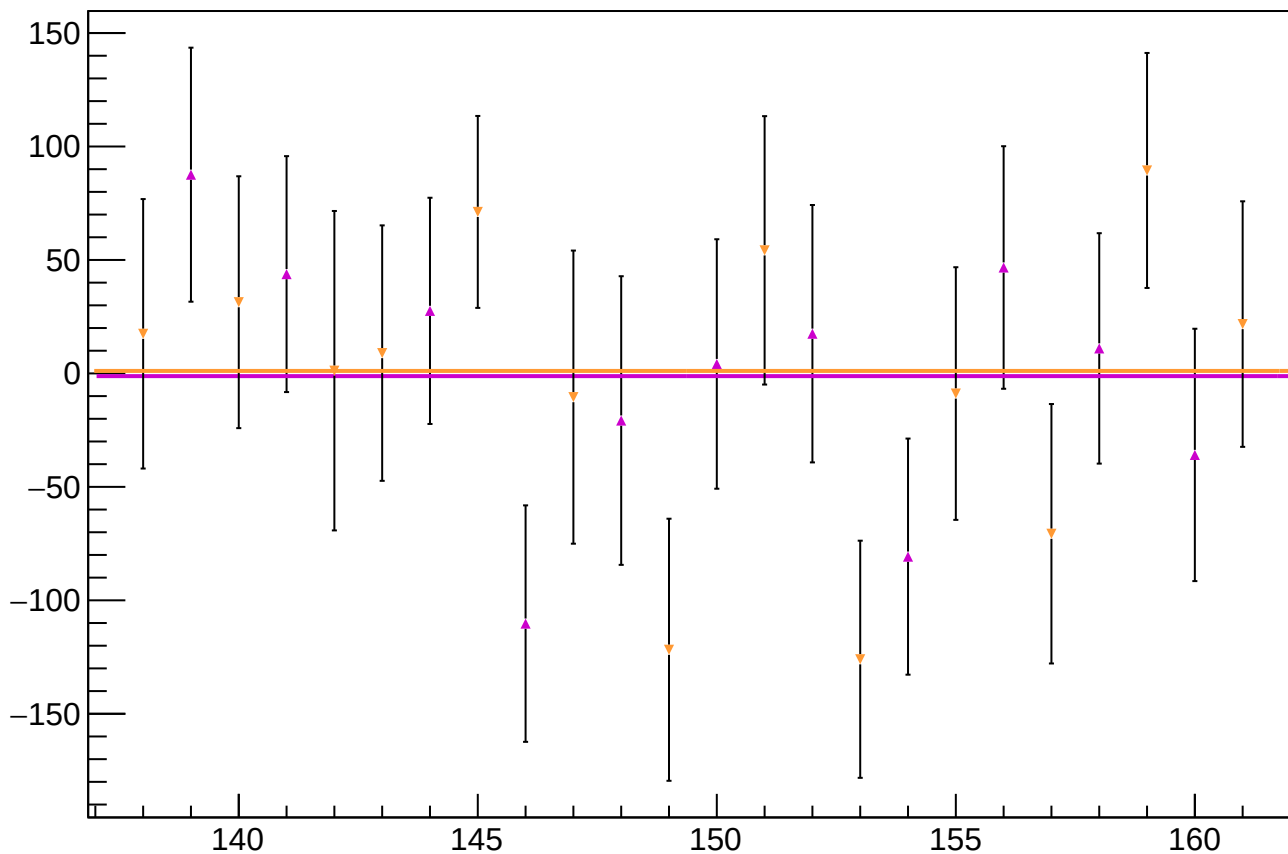
Left In: 378.874+/-0.091 χ^2/NDF : 564133.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.889+/-0.064 χ^2/NDF : 1433888.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 1.098 $\pm$ 15.395 χ^2 /NDF:19.1/12

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

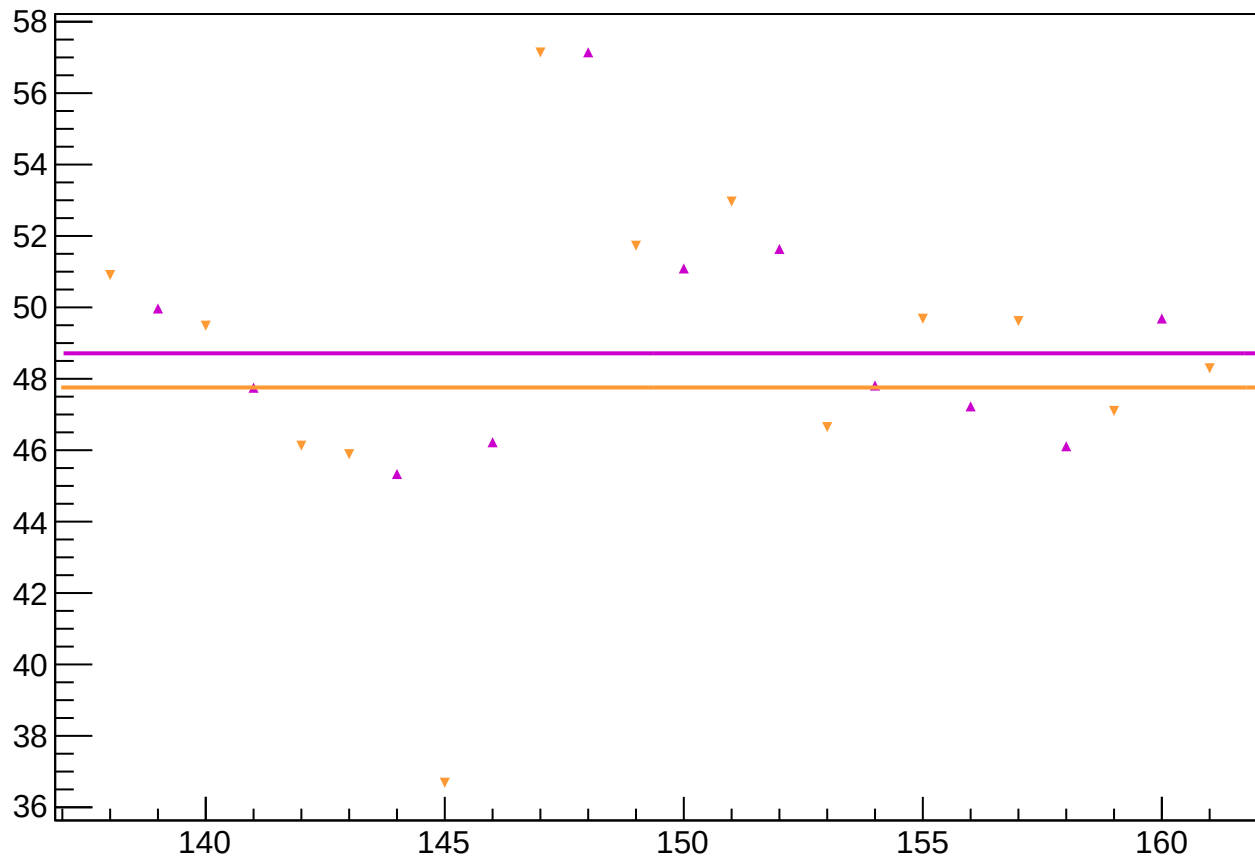
Left In: -1.196 $\pm$ 16.266 χ^2 /NDF:11.8/10

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

All: 0.014 $\pm$ 11.181 χ^2 /NDF: 30.9/23

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

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 47.756+/-0.011 χ^2/NDF : 220924.0/12

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

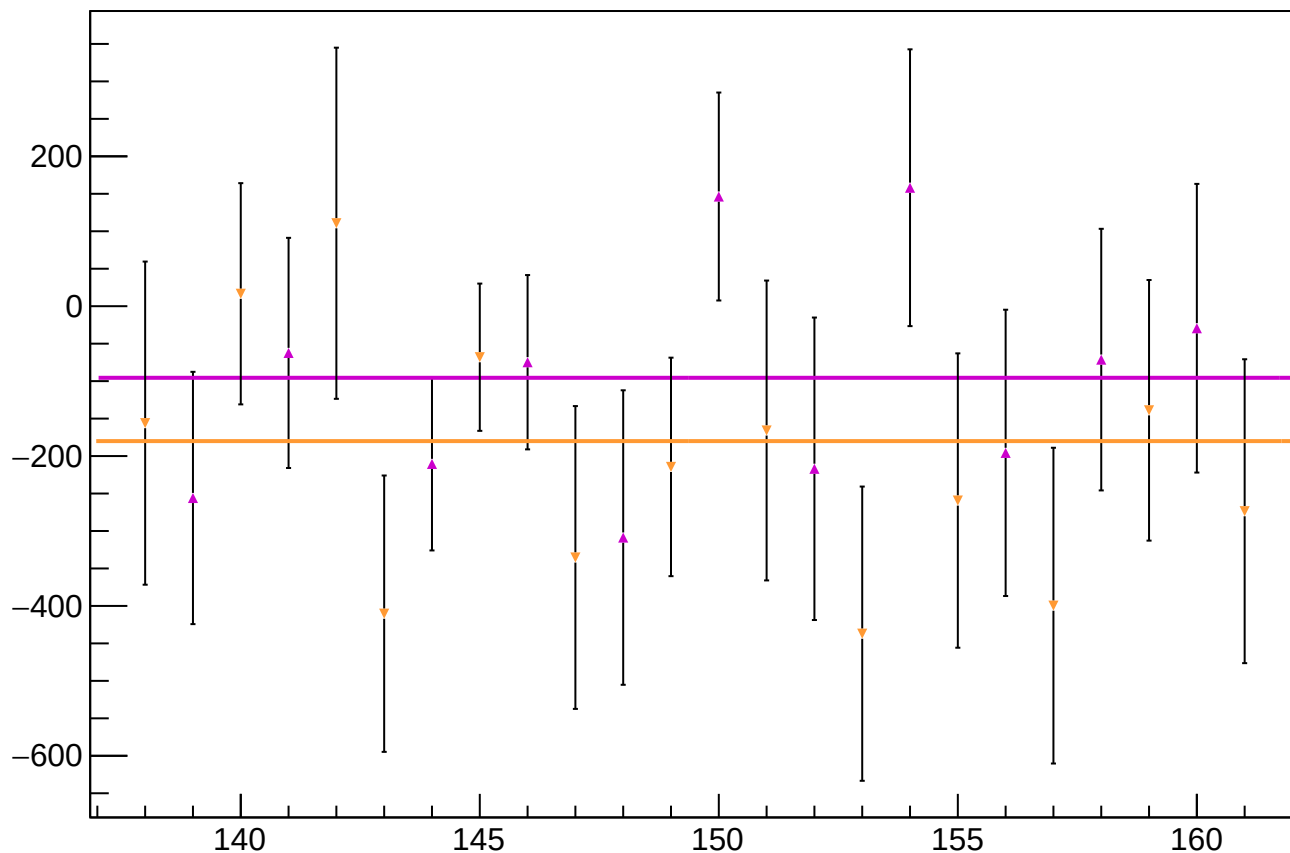
Left In: 48.713+/-0.012 χ^2/NDF : 67660.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.209+/-0.008 χ^2/NDF : 292236.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -180.042 $\pm$ 47.304 χ^2 /NDF:10.1/12

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

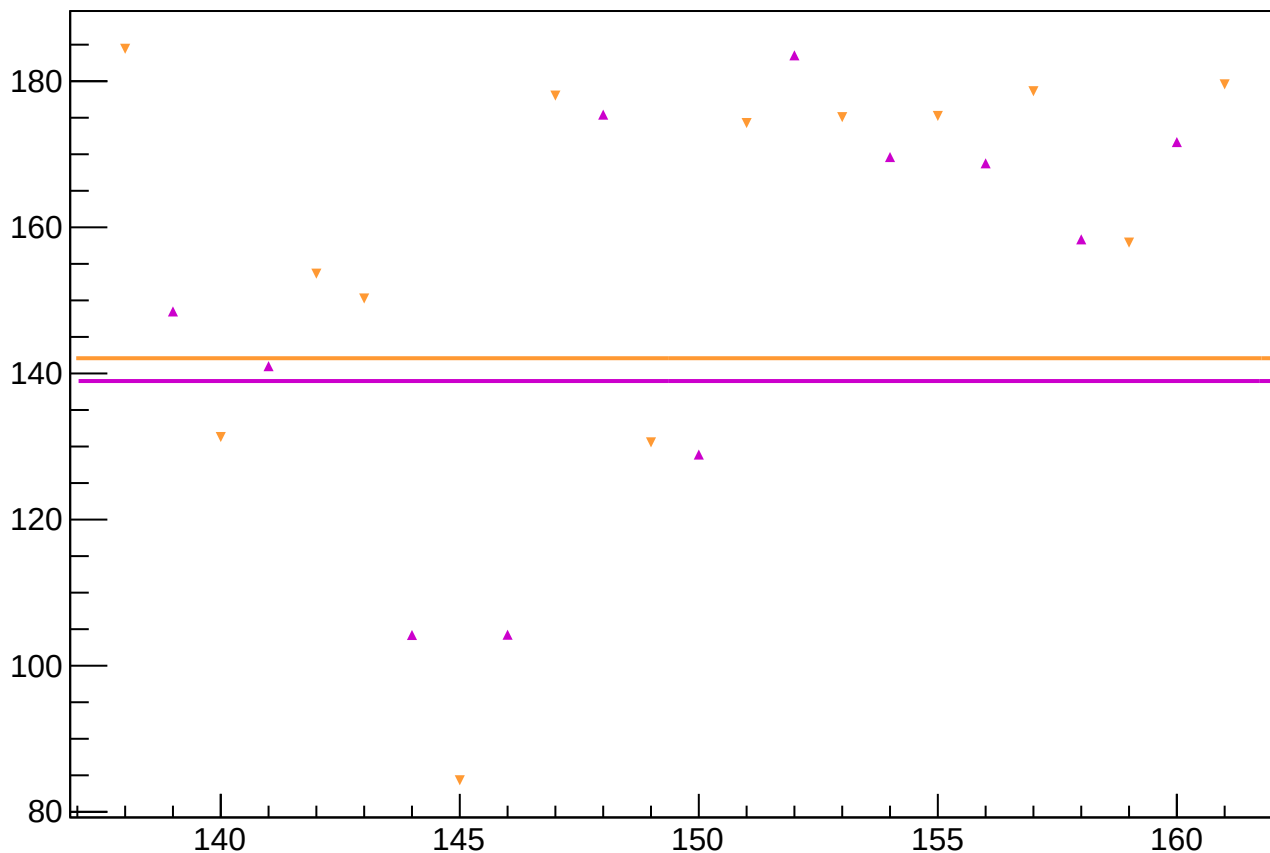
Left In: -95.550 $\pm$ 47.380 χ^2 /NDF:8.9/10

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

All: -137.863 $\pm$ 33.476 χ^2 /NDF: 20.5/23

- sign 0.000 $\pm$ 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: 142.085+/-0.033 χ^2/NDF :1173962.5/12

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

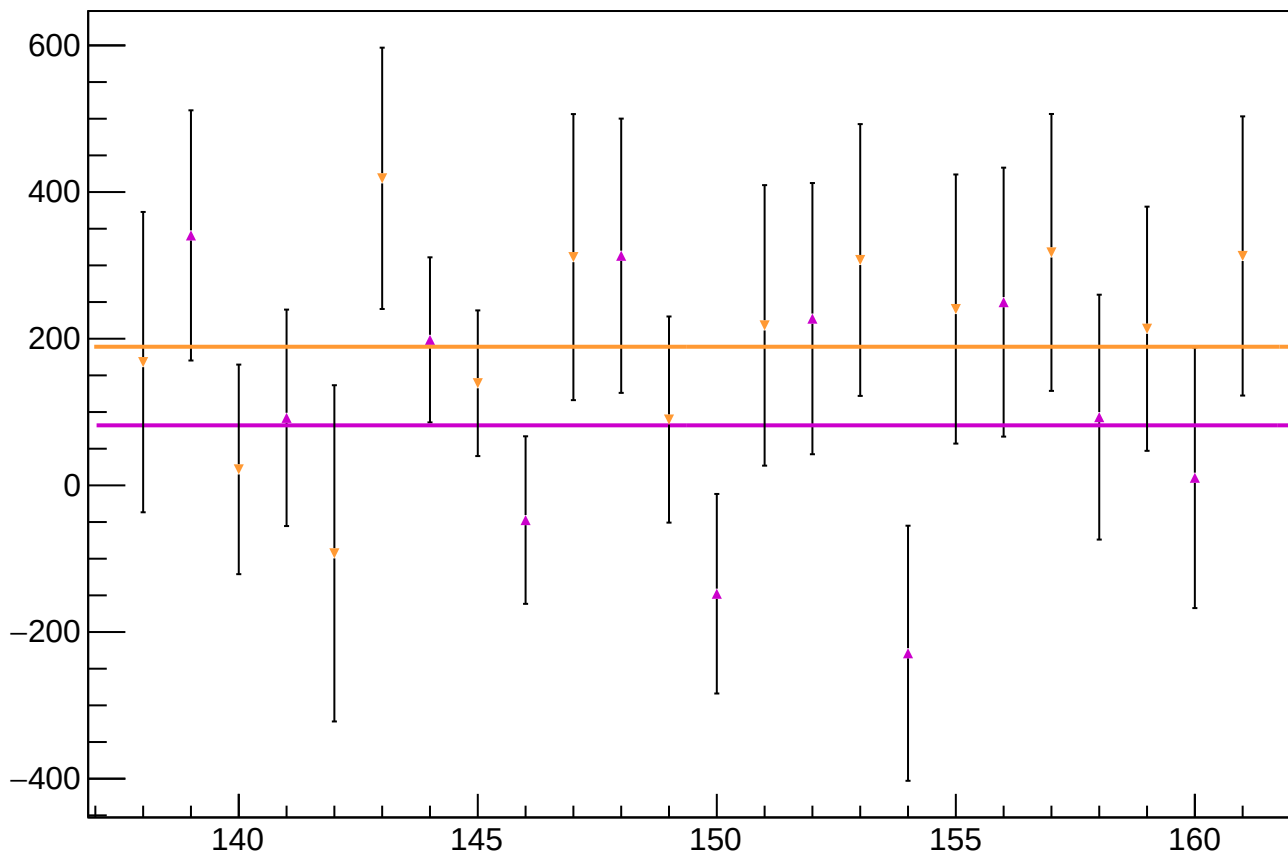
Left In: 138.963+/-0.034 χ^2/NDF :729158.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.526+/-0.024 χ^2/NDF : 1907469.9/23

- 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: 189.057+/-45.669 χ^2/NDF : 7.1/12

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

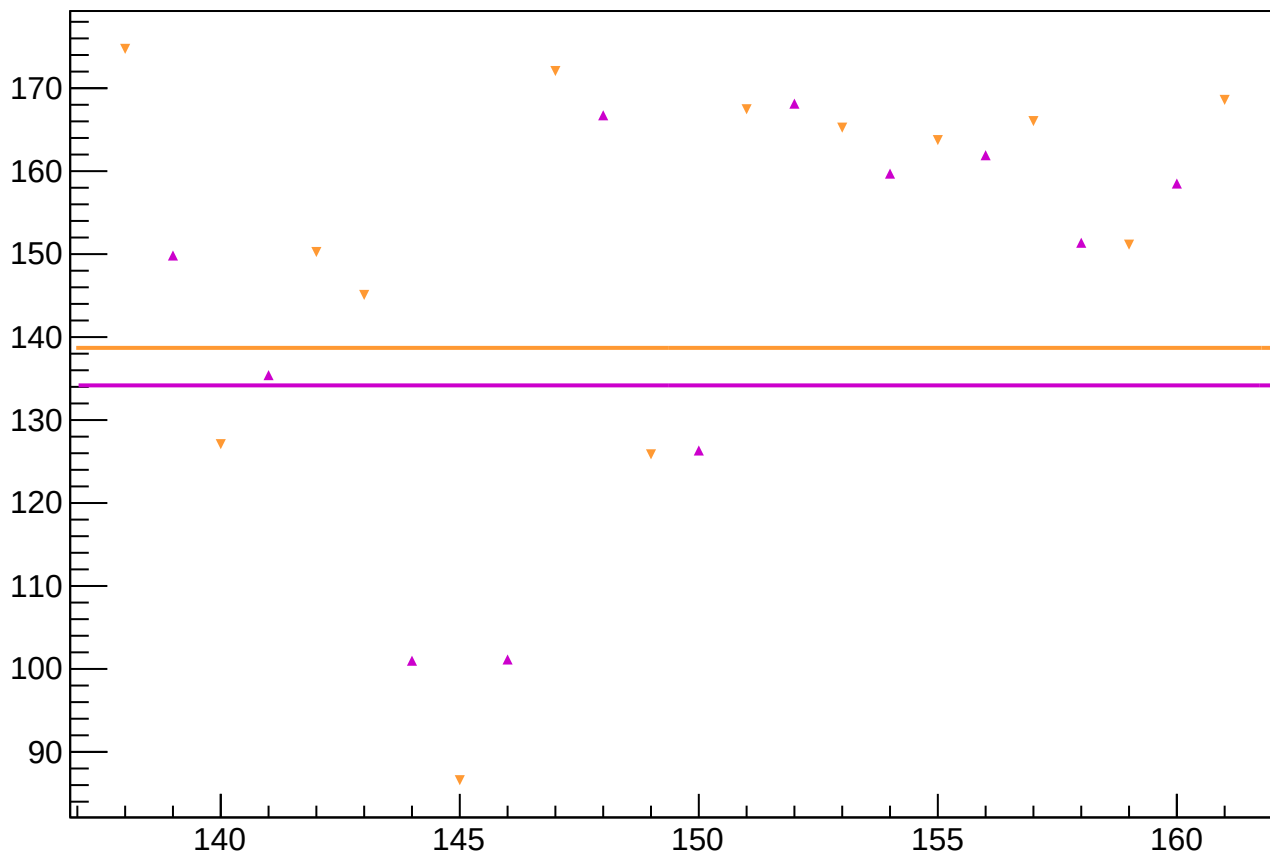
Left In: 81.872+/-45.740 χ^2/NDF : 13.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.548+/-32.318 χ^2/NDF : 23.7/23

- 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: 138.699+/-0.032 χ^2/NDF : 934388.3/12

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

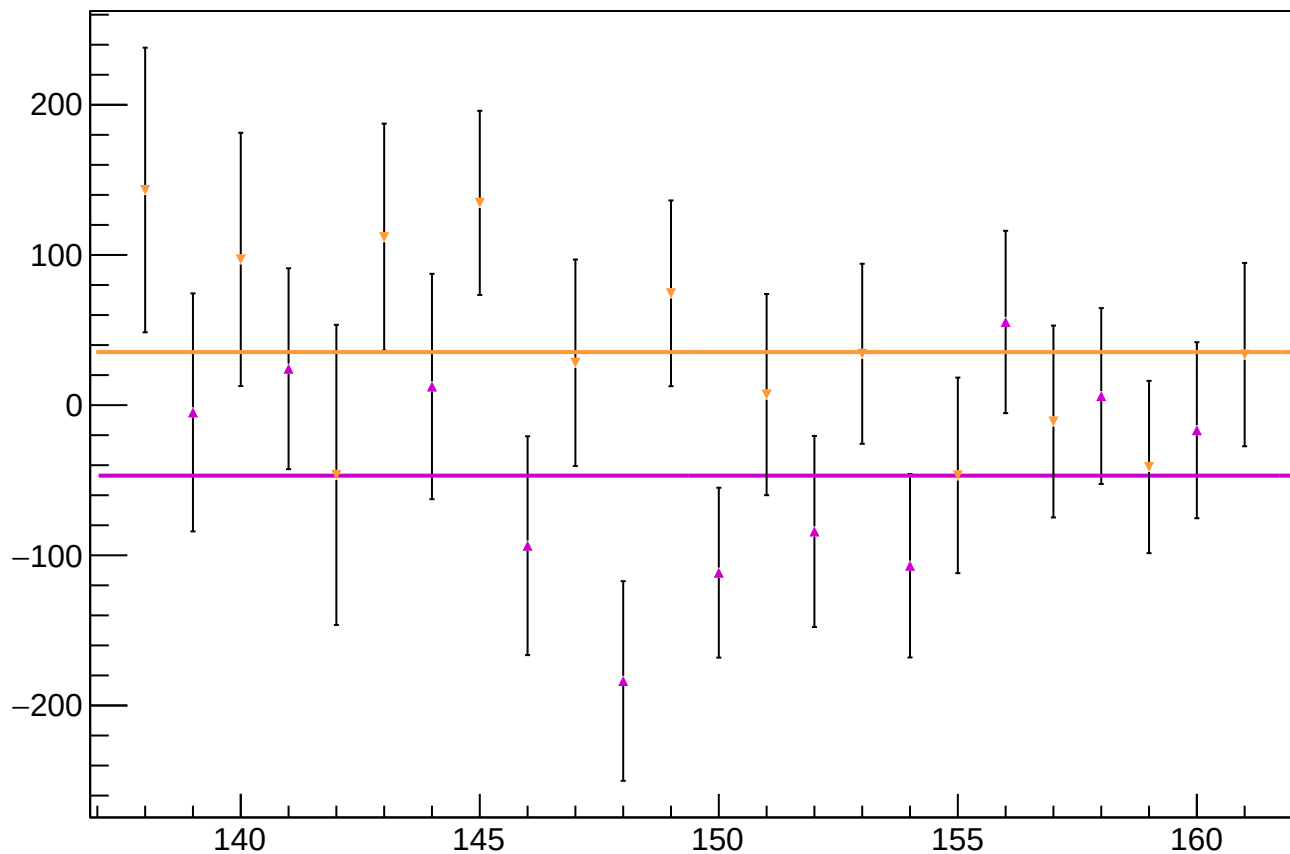
Left In: 134.177+/-0.032 χ^2/NDF : 640299.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.442+/-0.023 χ^2/NDF : 1584476.2/23

- 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: 35.335+/-18.830 χ^2/NDF :10.6/12

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

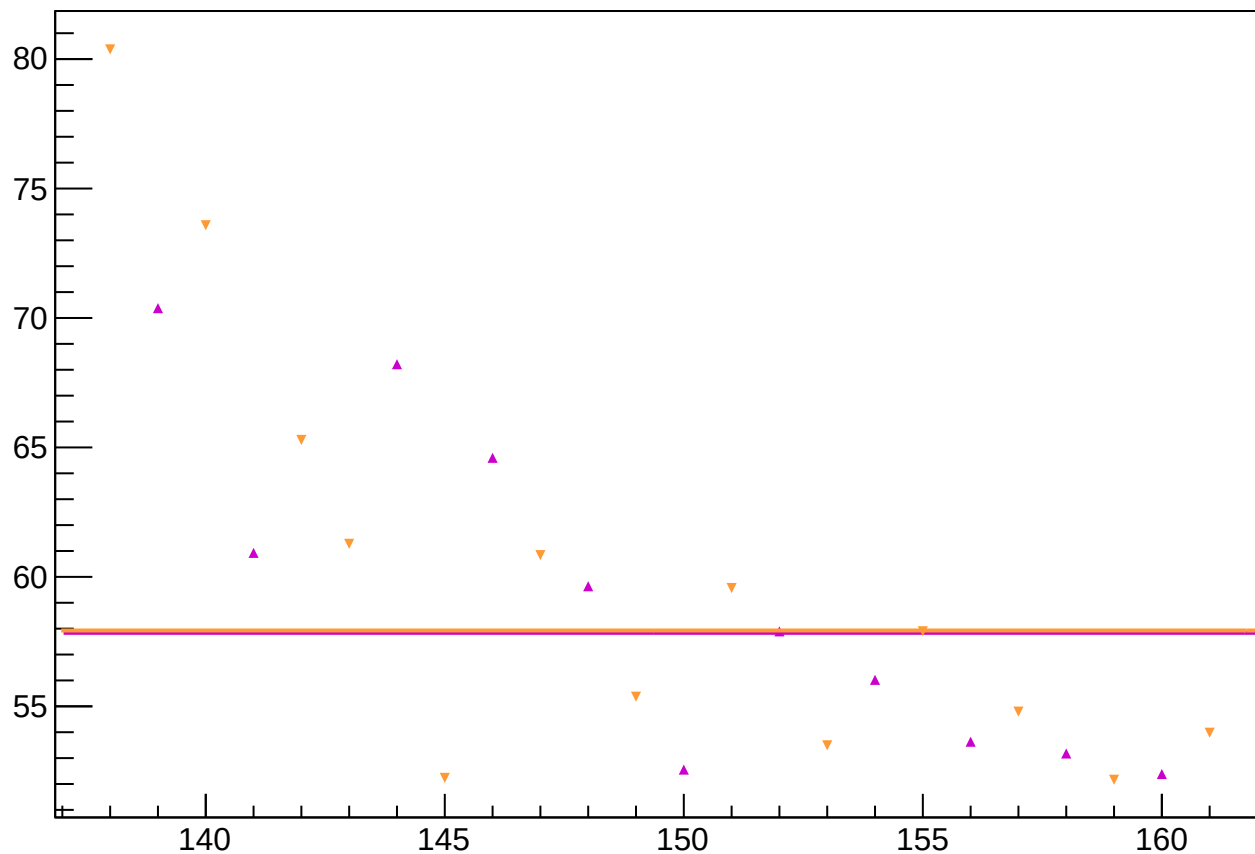
Left In: -46.946+/-19.403 χ^2/NDF :13.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.574+/-13.513 χ^2/NDF : 33.1/23

- 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: 57.929+/-0.013 χ^2/NDF : 265626.9/12

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

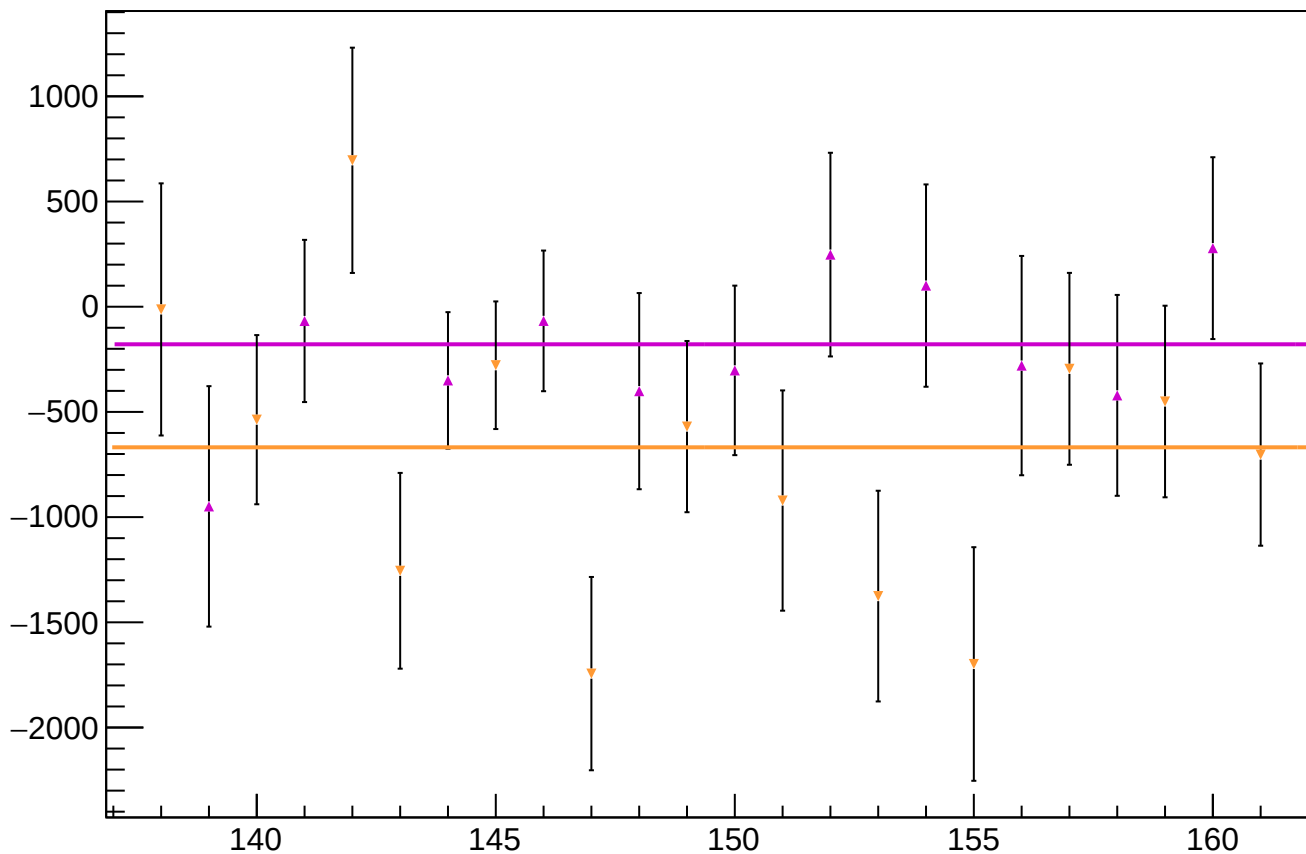
Left In: 57.840+/-0.014 χ^2/NDF : 170089.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.886+/-0.010 χ^2/NDF : 435738.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_mean vs Slug



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

Left Out: -668.227 $\pm$ 124.444 χ^2 /NDF:23.2/12

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

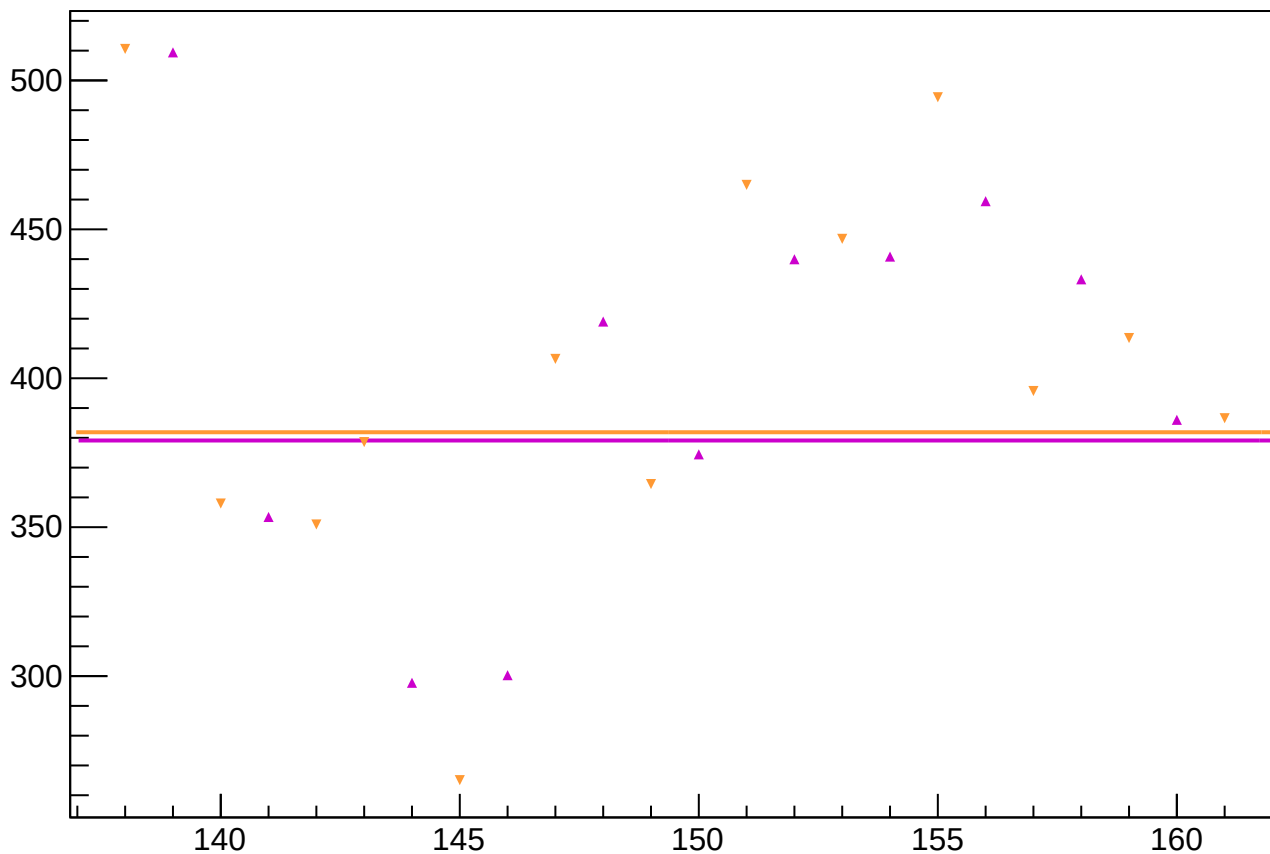
Left In: -178.572 $\pm$ 128.005 χ^2 /NDF:5.1/10

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

All: -430.304 $\pm$ 89.228 χ^2 /NDF: 35.8/23

- sign 0.000 $\pm$ 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: 381.877+/-0.088 χ^2/NDF : 590005.8/12

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

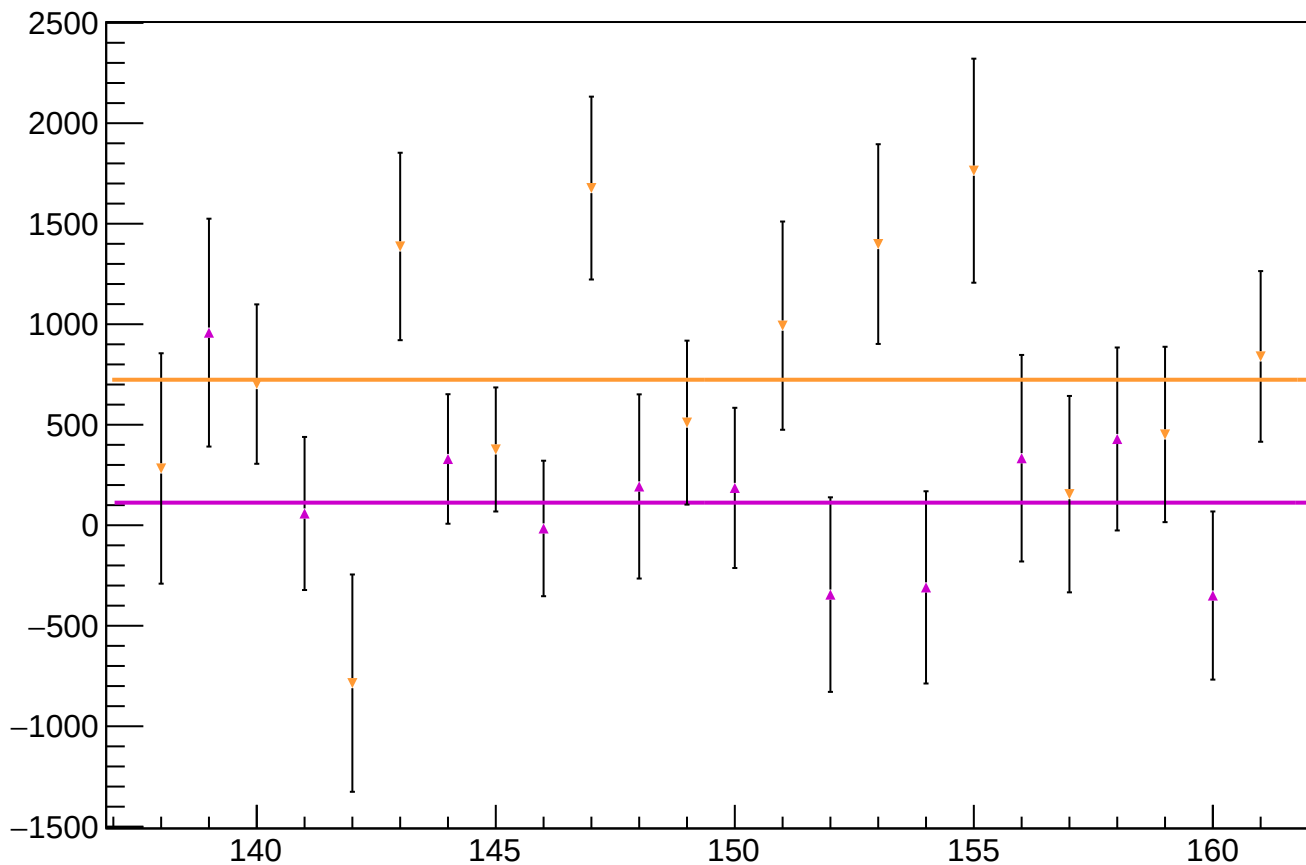
Left In: 379.107+/-0.091 χ^2/NDF : 503135.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.531+/-0.063 χ^2/NDF : 1093623.2/23

- 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: 723.869+/-124.255 χ^2/NDF :23.8/12

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

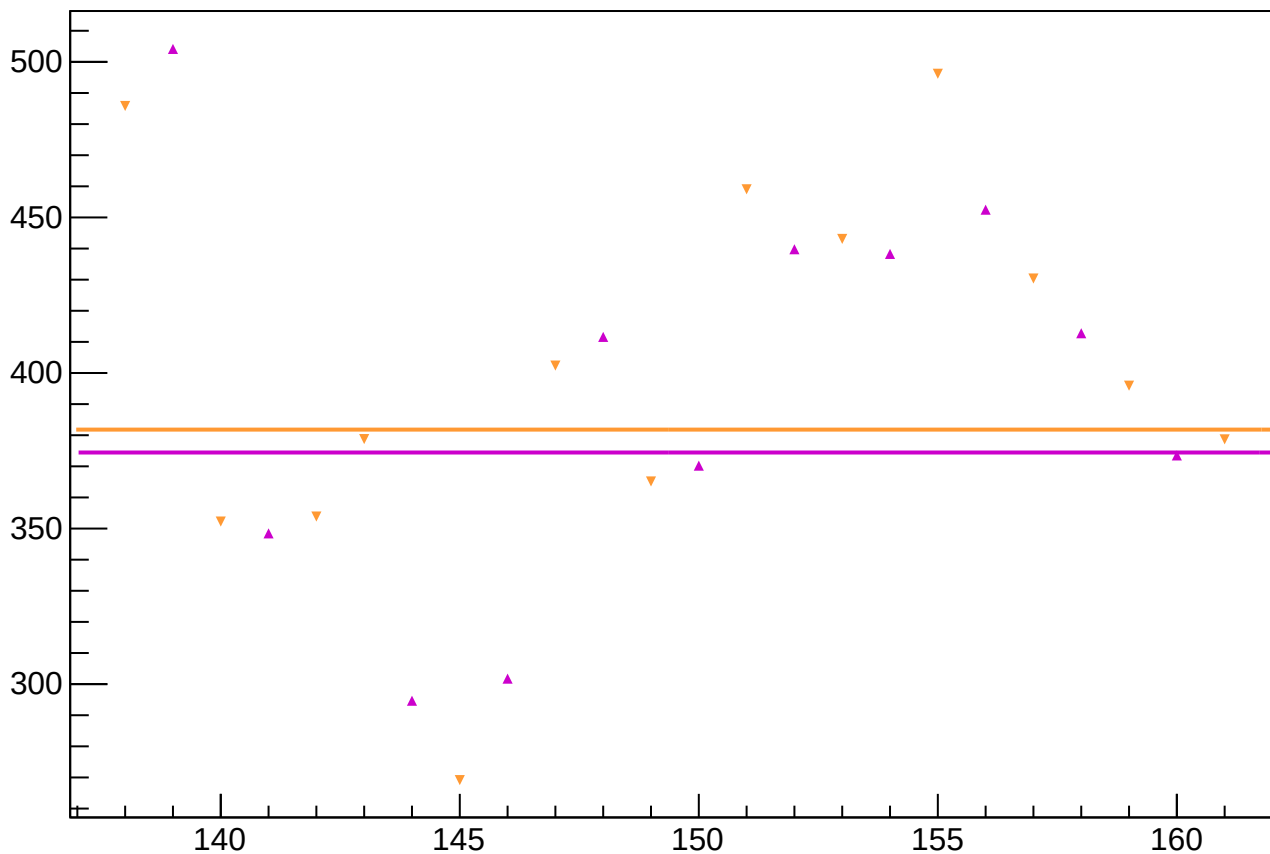
Left In: 112.391+/-126.502 χ^2/NDF :6.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.609+/-88.645 χ^2/NDF : 42.1/23

- 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: 381.807+/-0.088 χ^2/NDF : 537584.9/12

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

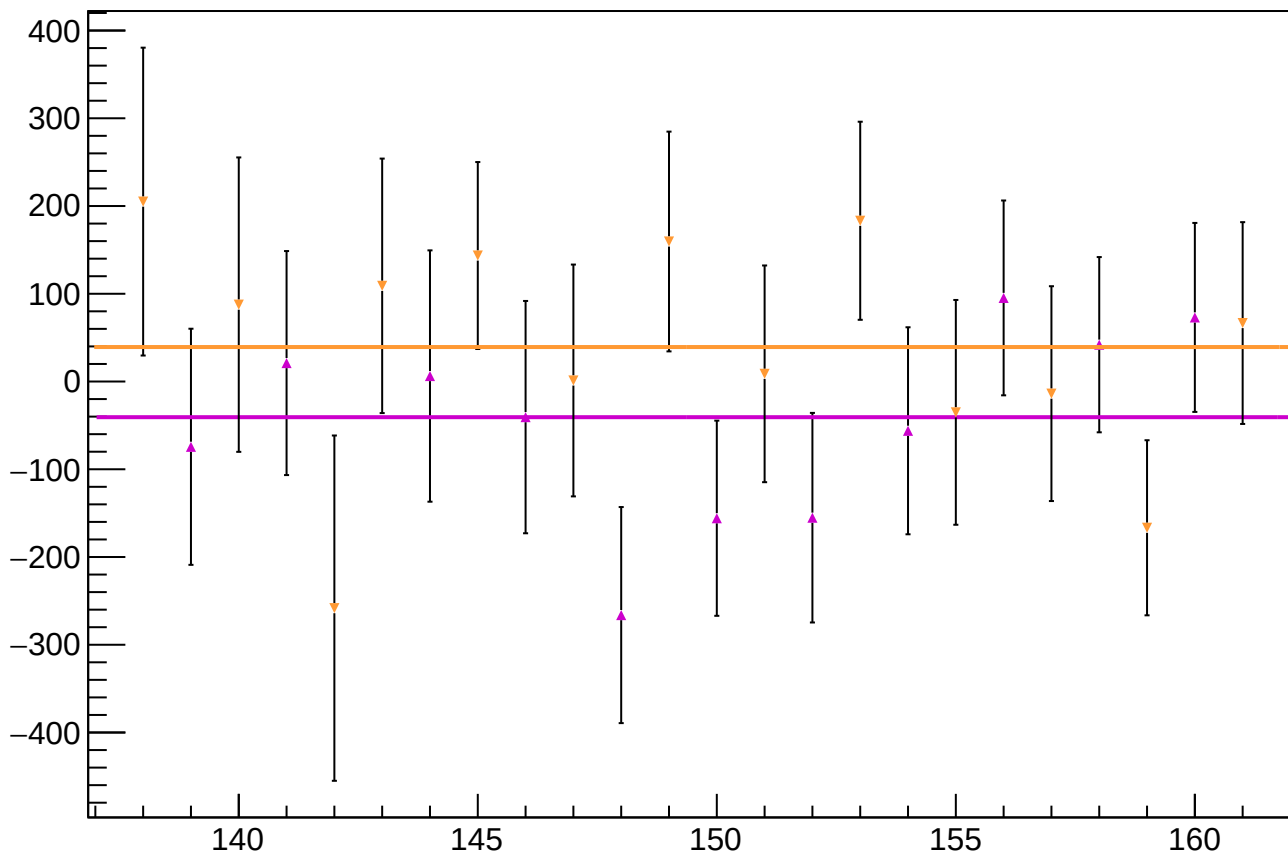
Left In: 374.446+/-0.089 χ^2/NDF : 475593.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.192+/-0.063 χ^2/NDF : 1016625.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



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

Left Out: 39.291+/-35.390 χ^2/NDF :12.0/12

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

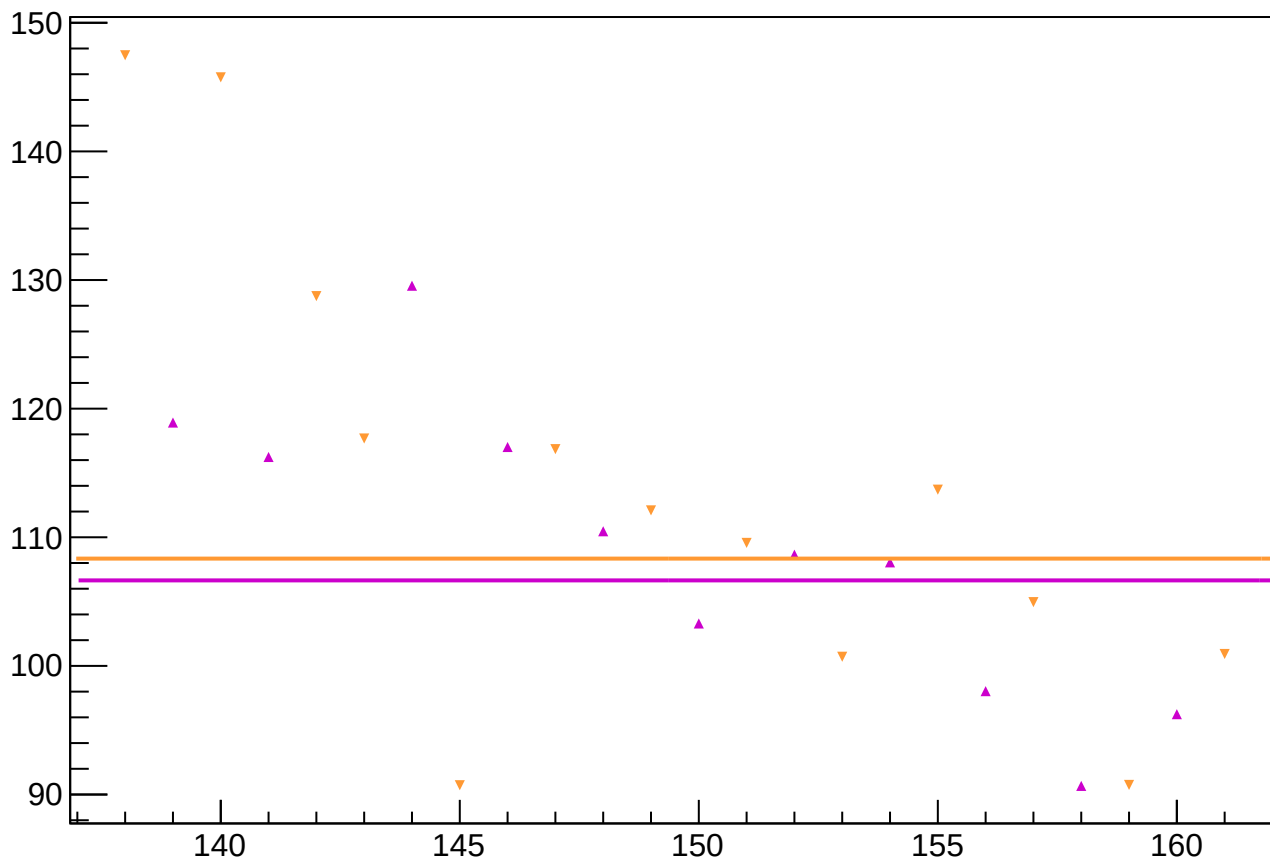
Left In: -40.648+/-35.832 χ^2/NDF :9.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.183+/-25.179 χ^2/NDF : 23.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 108.342+/-0.025 χ^2/NDF : 378504.0/12

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

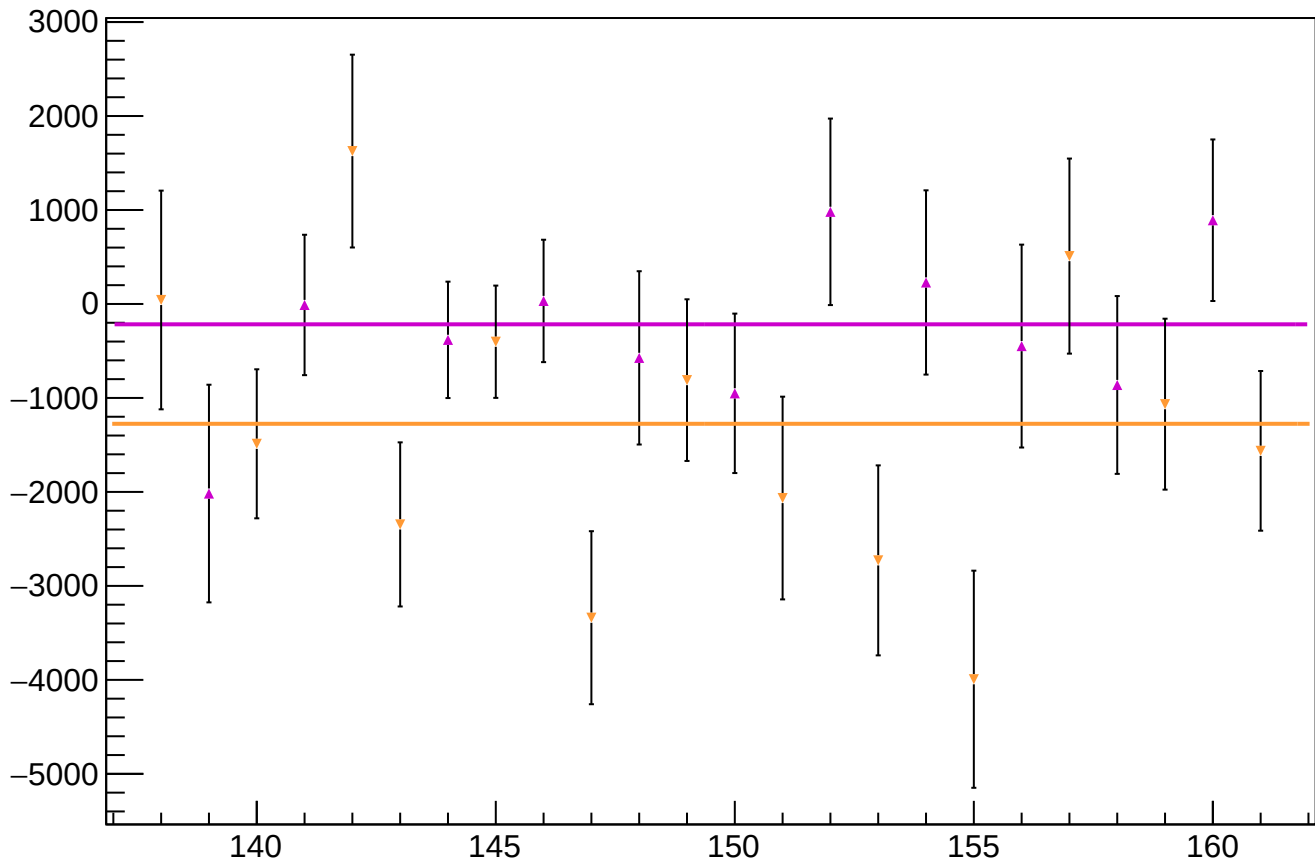
Left In: 106.648+/-0.025 χ^2/NDF : 177858.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.505+/-0.018 χ^2/NDF : 558625.6/23

- 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: -1275.090+/-249.733 χ^2/NDF : 29.6/12

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

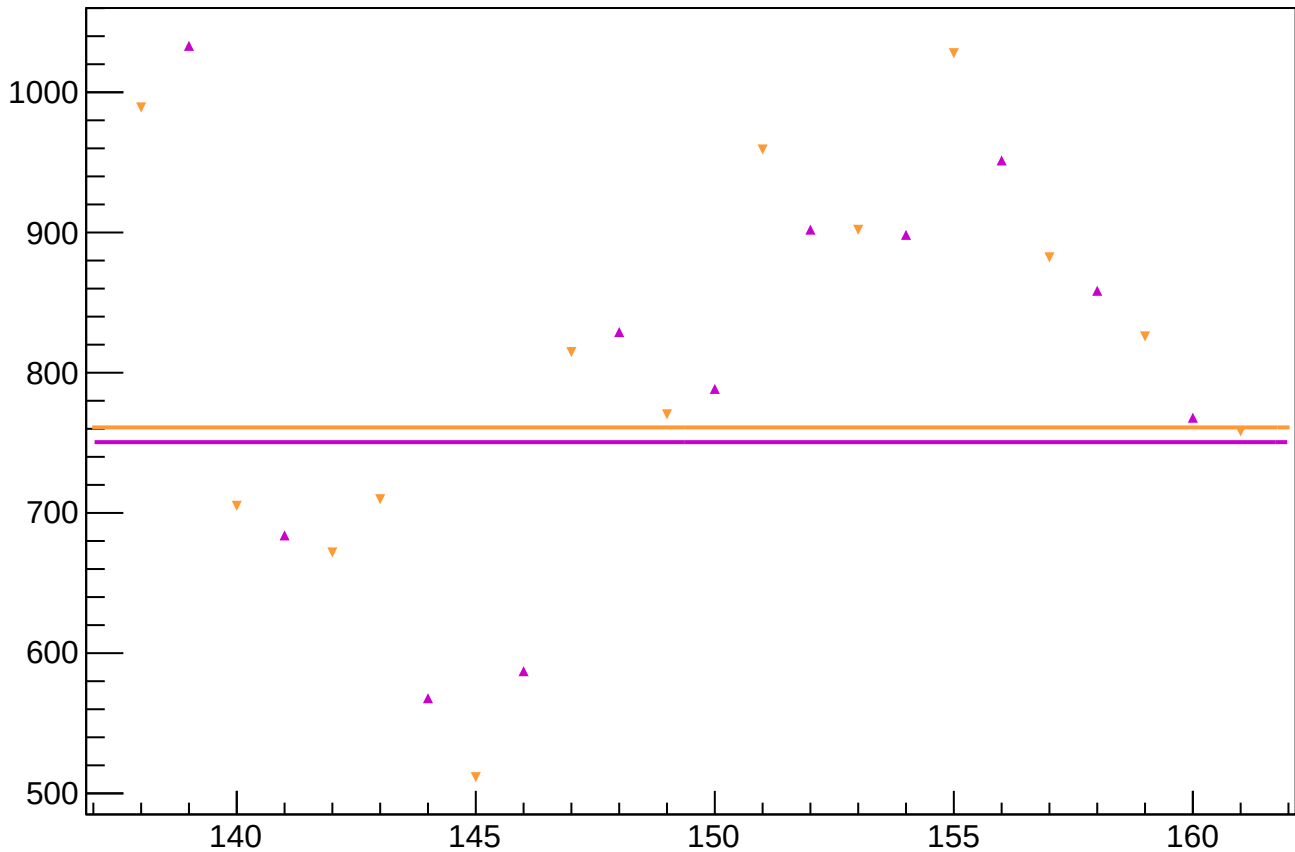
Left In: -216.508+/-254.379 χ^2/NDF : 7.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -755.553+/-178.208 χ^2/NDF : 45.8/23

- 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: 760.994+/-0.177 χ^2/NDF : 715185.8/12

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

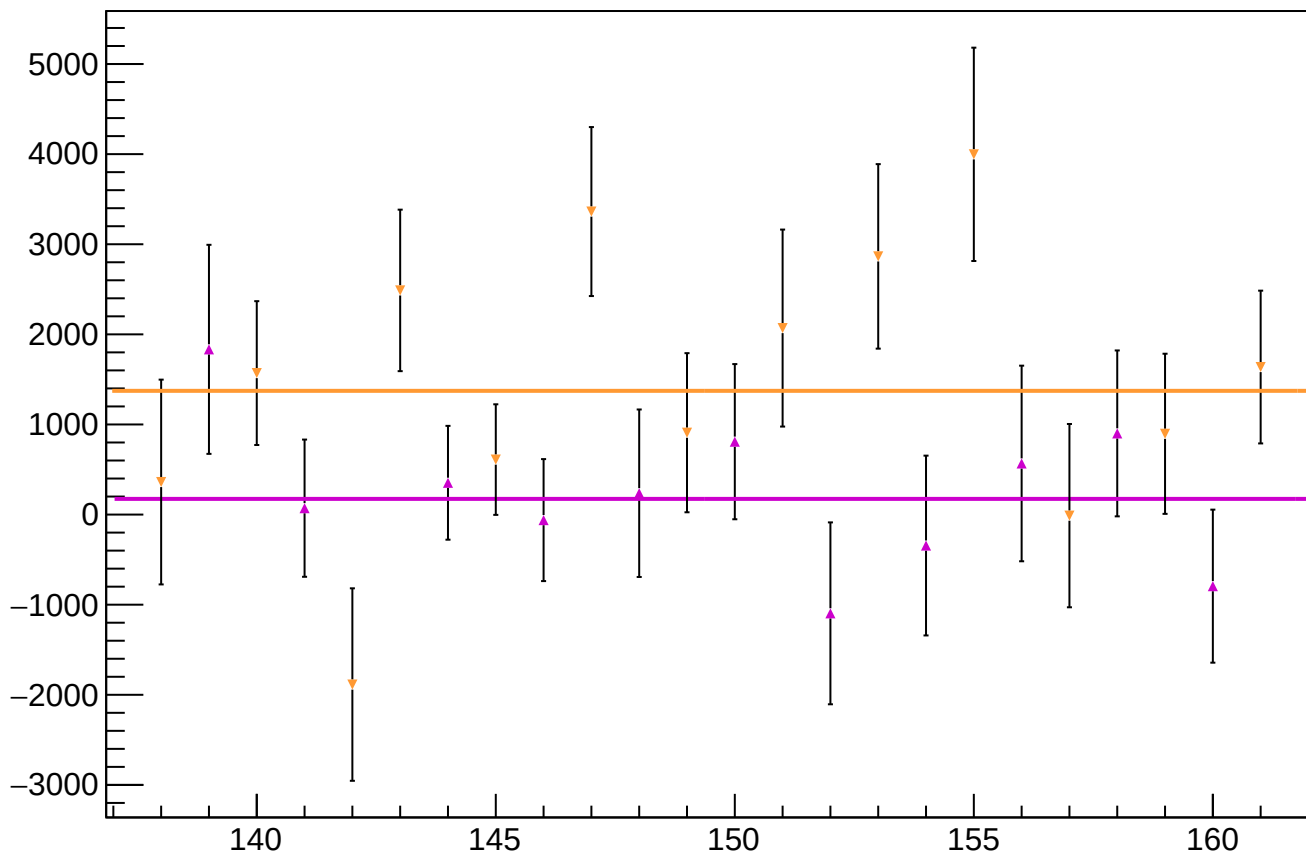
Left In: 750.484+/-0.180 χ^2/NDF : 641494.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.836+/-0.126 χ^2/NDF : 1358419.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug



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

Left Out: 1373.206+/-252.596 χ^2/NDF : 27.7/12

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

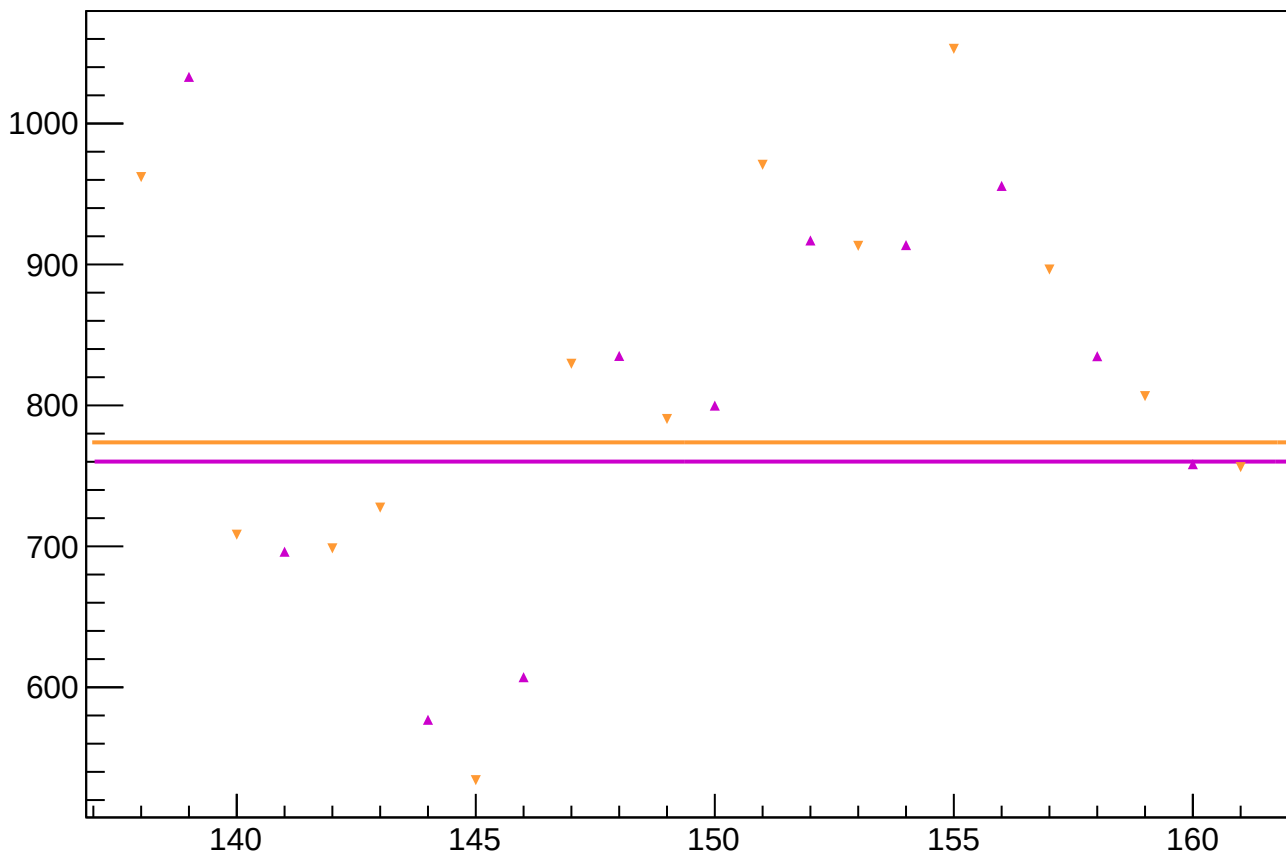
Left In: 174.121+/-257.626 χ^2/NDF : 6.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.485+/-180.364 χ^2/NDF : 45.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_rms vs Slug



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

Left Out: 773.782+/-0.179 χ^2/NDF : 642501.4/12

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

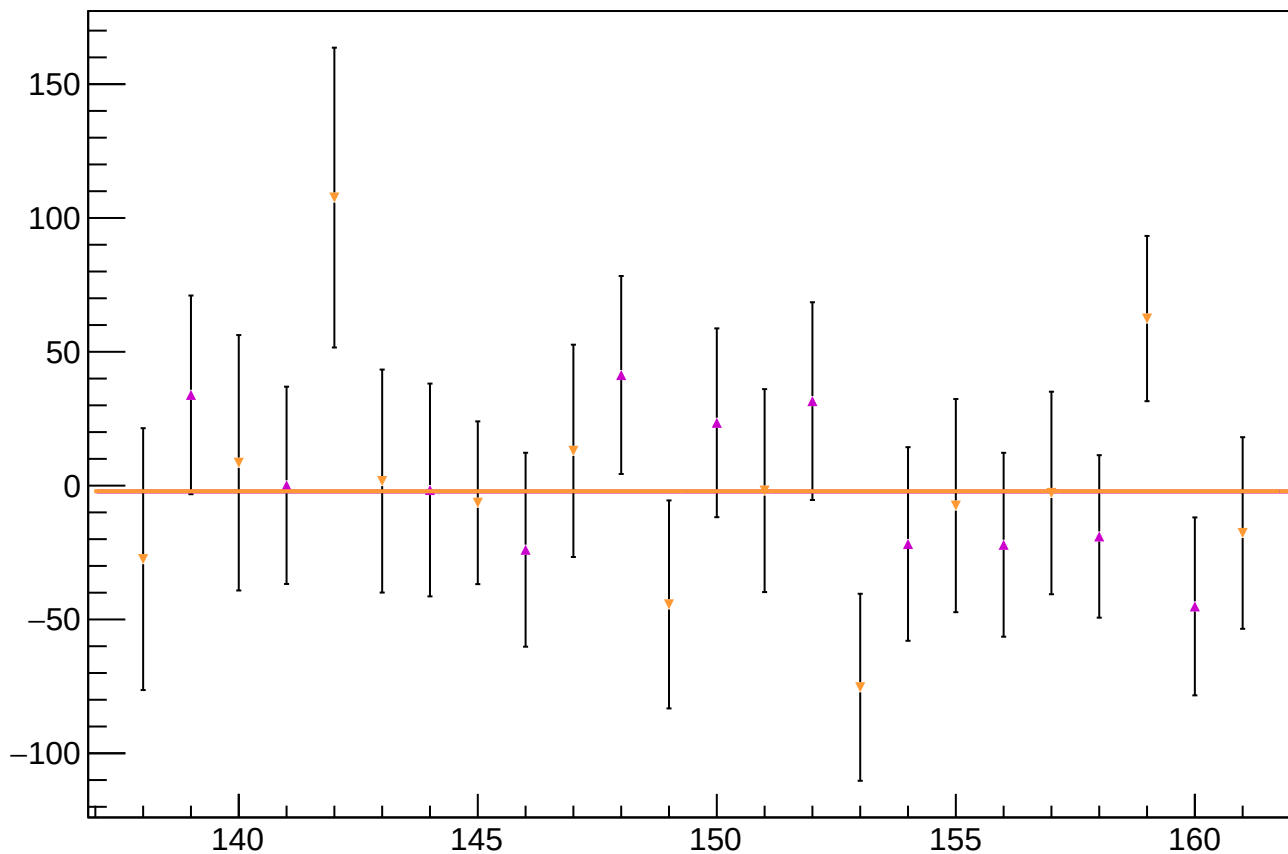
Left In: 760.145+/-0.182 χ^2/NDF : 586426.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.098+/-0.128 χ^2/NDF : 1231785.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -2.096+/-10.657 χ^2/NDF :14.5/12

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

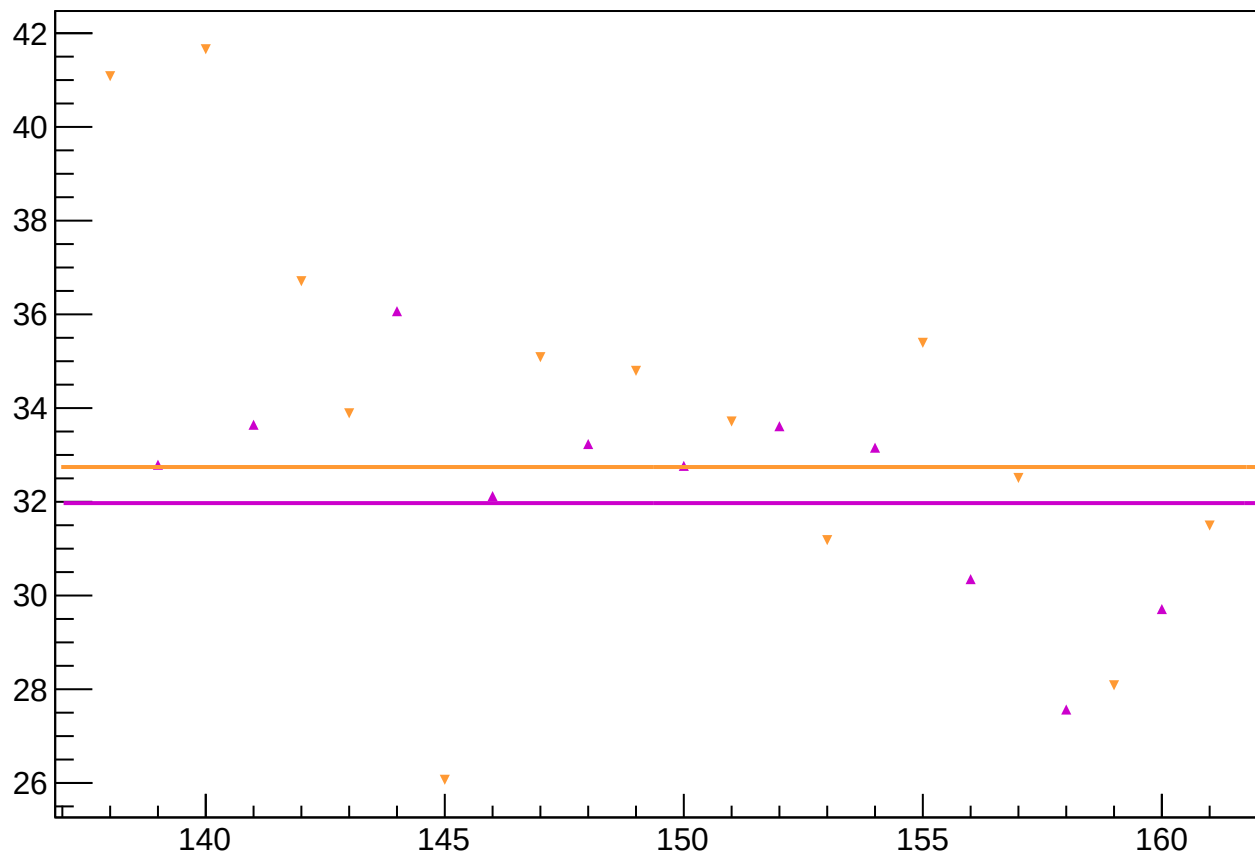
Left In: -2.192+/-10.705 χ^2/NDF :6.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.144+/-7.552 χ^2/NDF : 21.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 32.742+/-0.008 χ^2/NDF : 310633.7/12

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

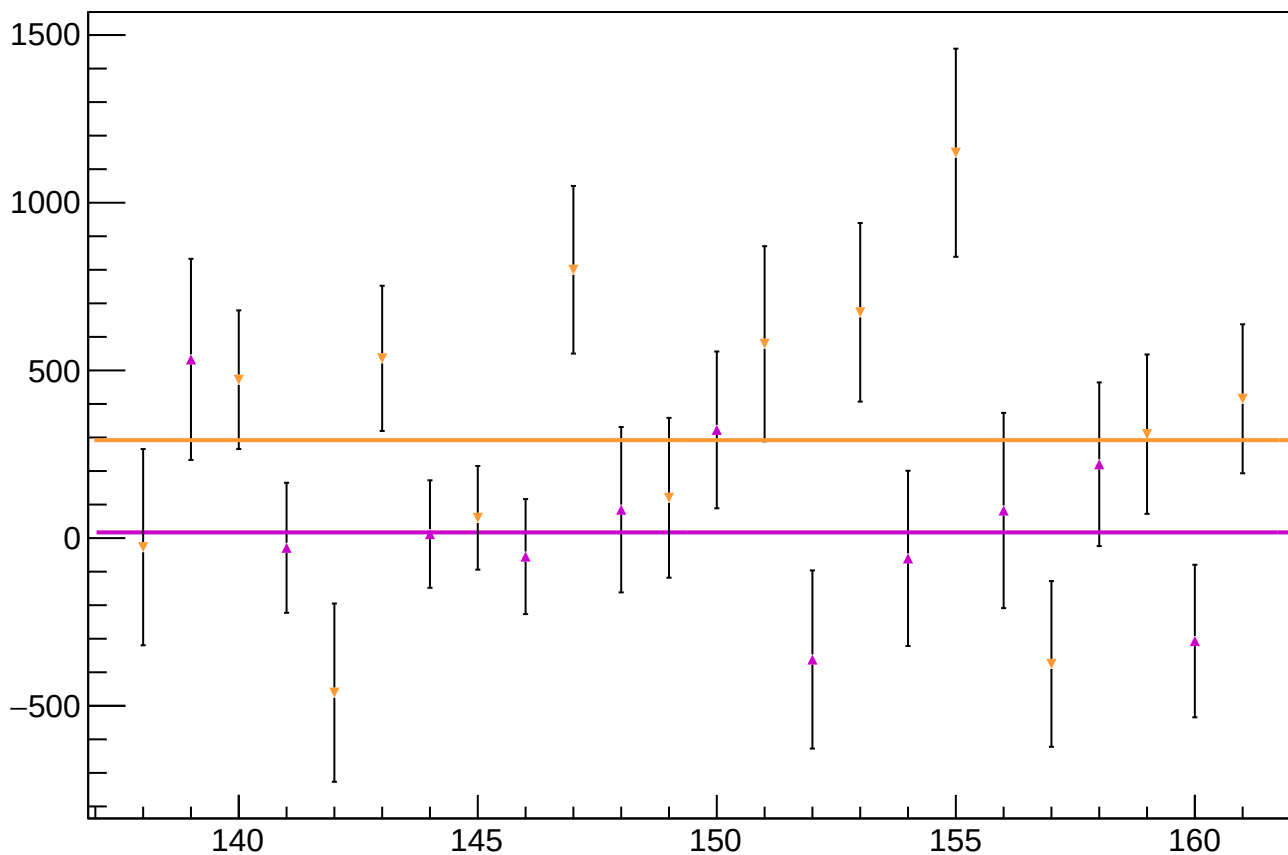
Left In: 31.972+/-0.008 χ^2/NDF : 91608.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.359+/-0.005 χ^2/NDF : 407439.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_mean vs Slug



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

Left Out: 292.103 $\pm$ 64.995 χ^2 /NDF:36.4/12

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

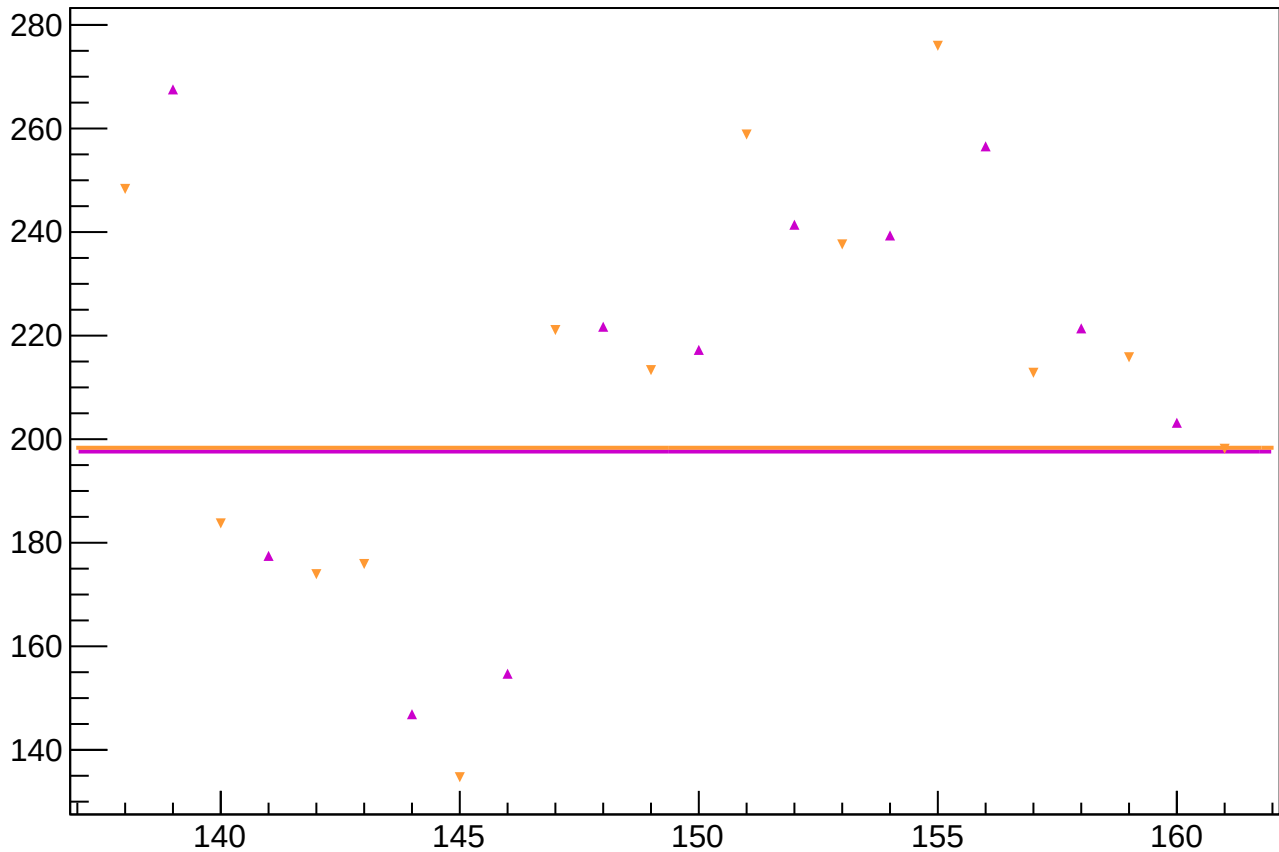
Left In: 17.022 $\pm$ 67.094 χ^2 /NDF:9.9/10

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

All: 158.932 $\pm$ 46.683 χ^2 /NDF: 54.9/23

- sign 0.000 $\pm$ 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: 198.346+/-0.046 χ^2/NDF : 742946.8/12

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

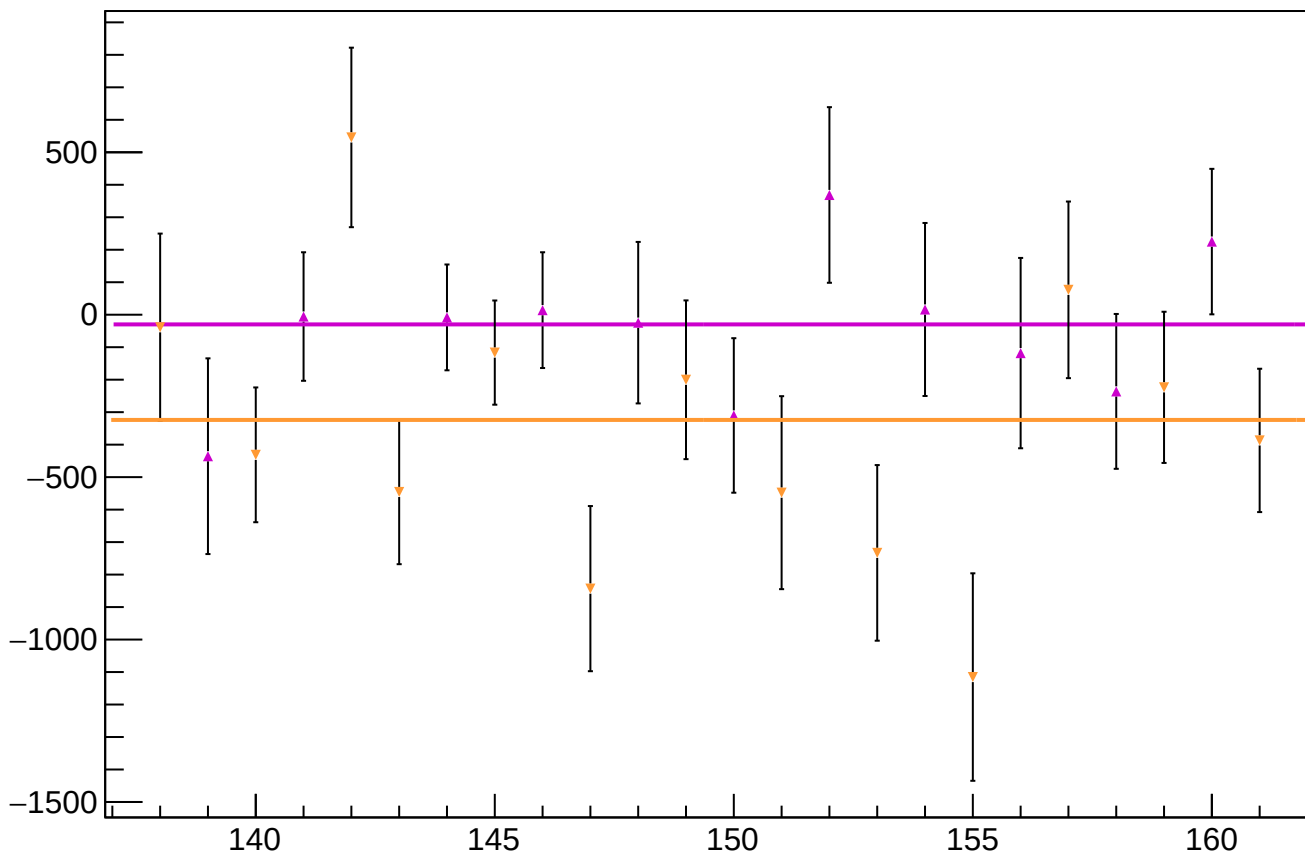
Left In: 197.618+/-0.047 χ^2/NDF : 696737.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.993+/-0.033 χ^2/NDF : 1439806.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -323.882 $\pm$ 66.362 χ^2 /NDF:29.7/12

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

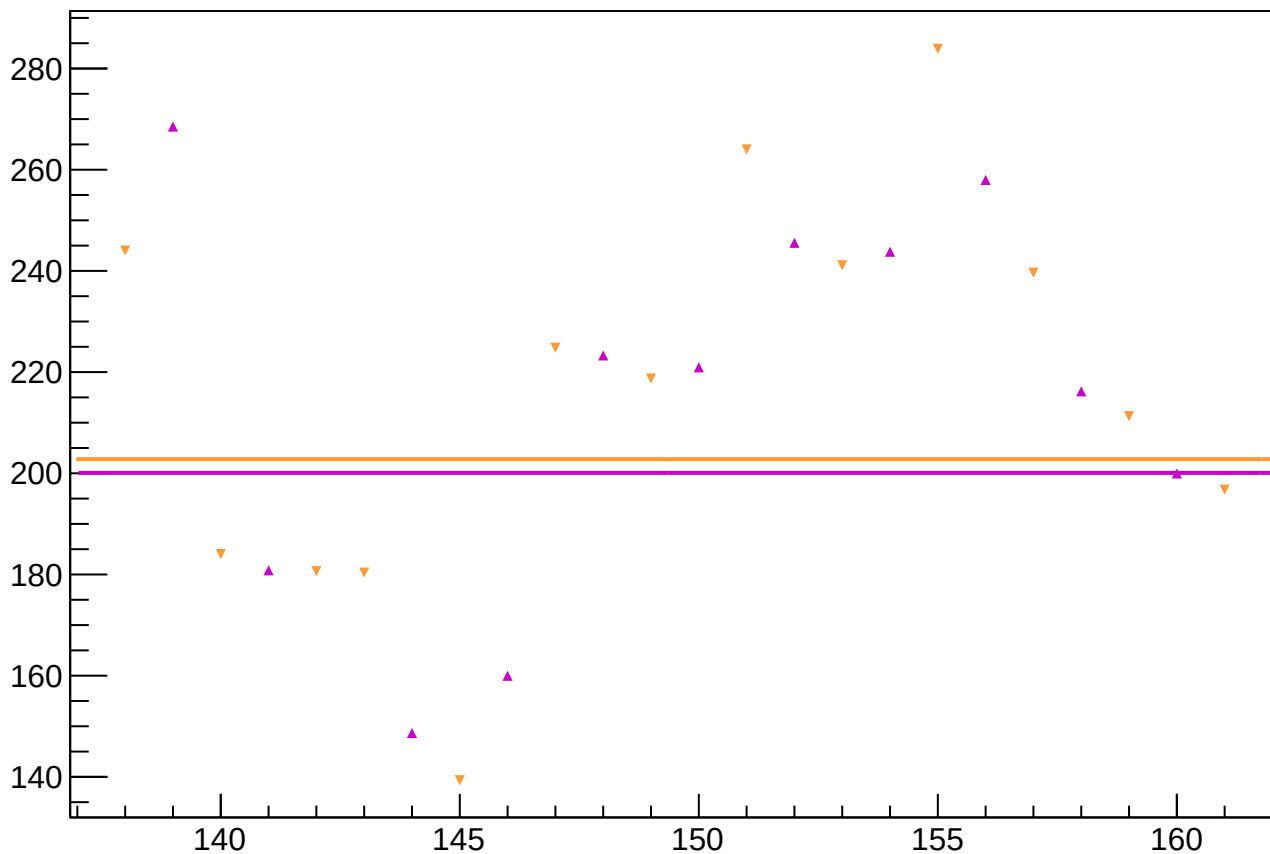
Left In: -29.827 $\pm$ 67.945 χ^2 /NDF:7.6/10

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

All: -180.320 $\pm$ 47.475 χ^2 /NDF: 46.9/23

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

asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 202.798+/-0.047 χ^2/NDF : 722135.9/12

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

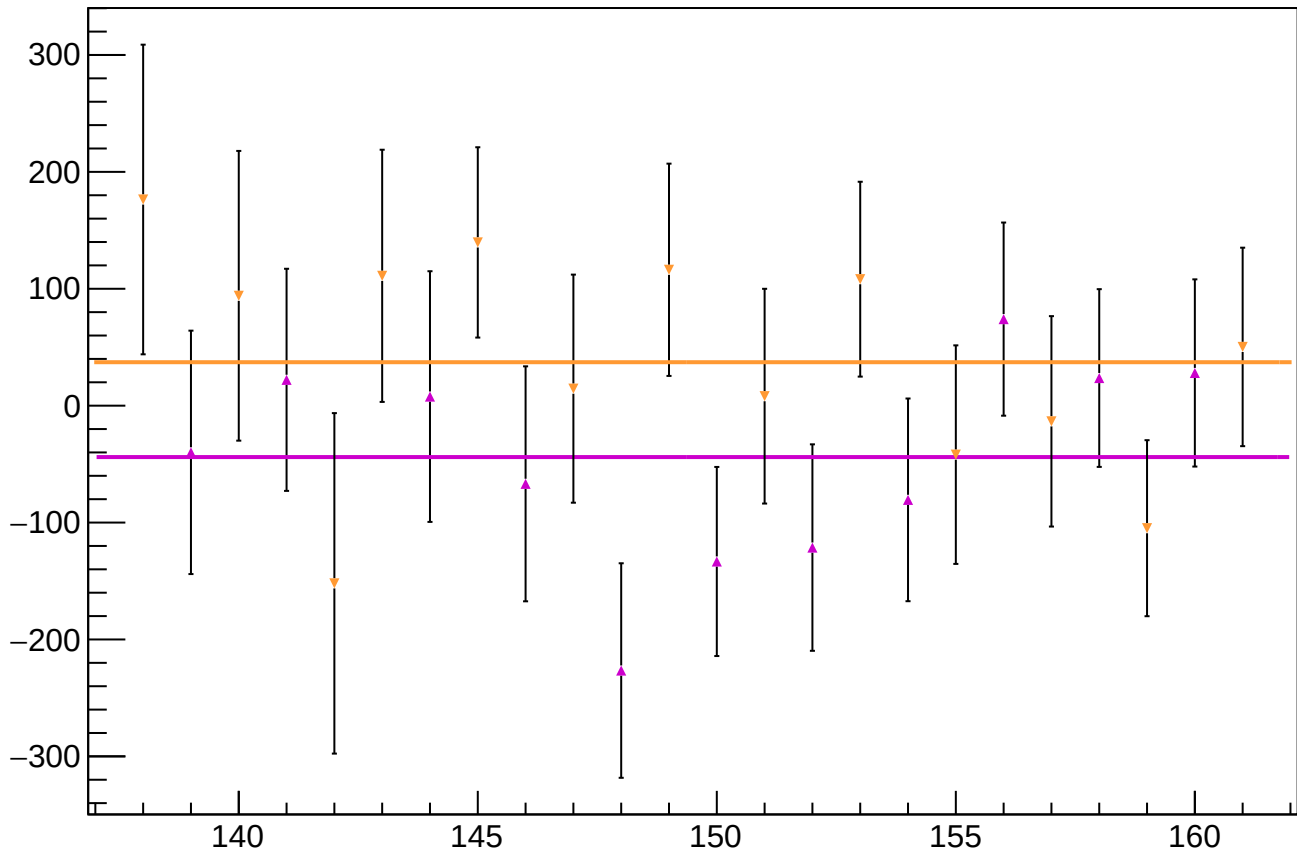
Left In: 200.082+/-0.048 χ^2/NDF : 653395.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.472+/-0.034 χ^2/NDF : 1377167.1/23

- 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: 37.178 $\pm$ 26.279 χ^2 /NDF:11.3/12

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

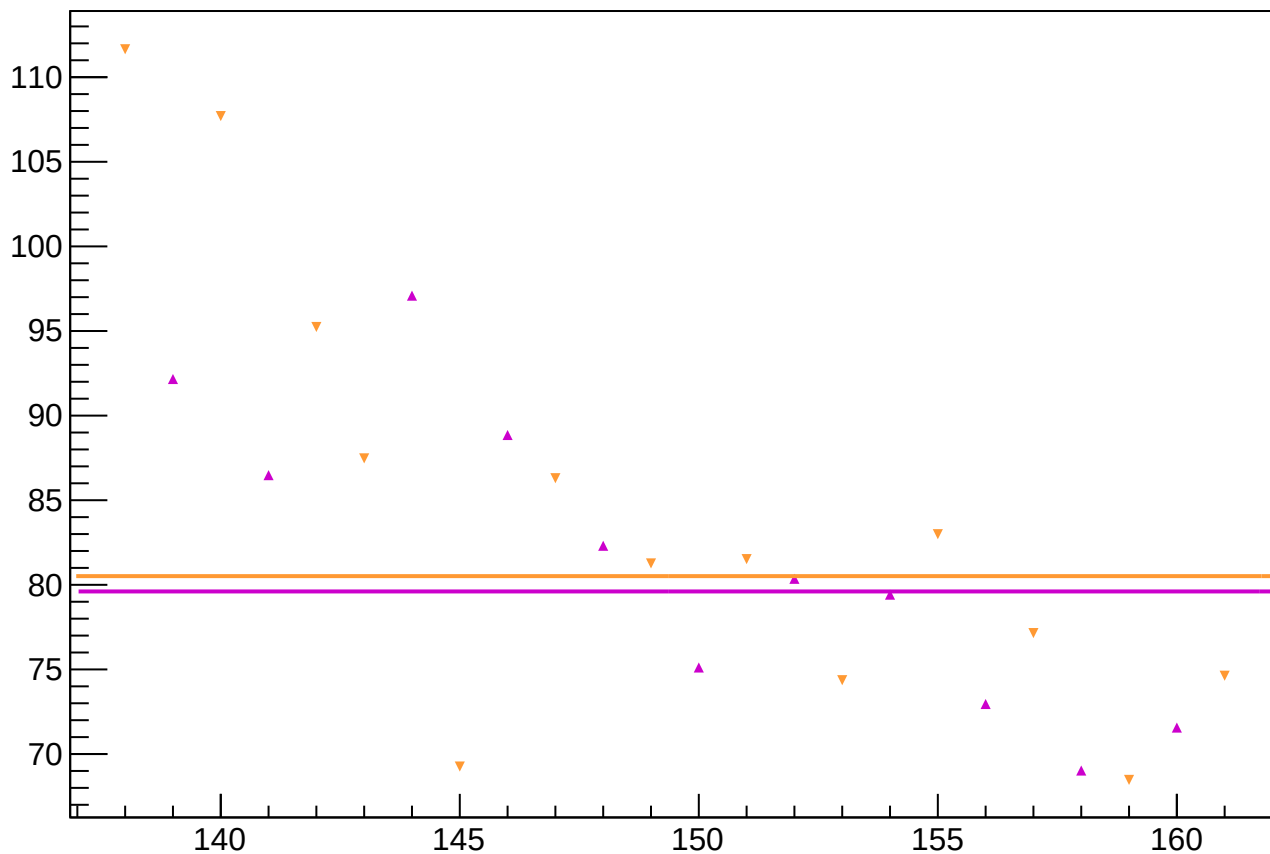
Left In: -43.969 $\pm$ 26.750 χ^2 /NDF:10.5/10

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

All: -2.674 $\pm$ 18.747 χ^2 /NDF: 26.5/23

- 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: 80.513+/-0.019 χ^2/NDF : 357067.4/12

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

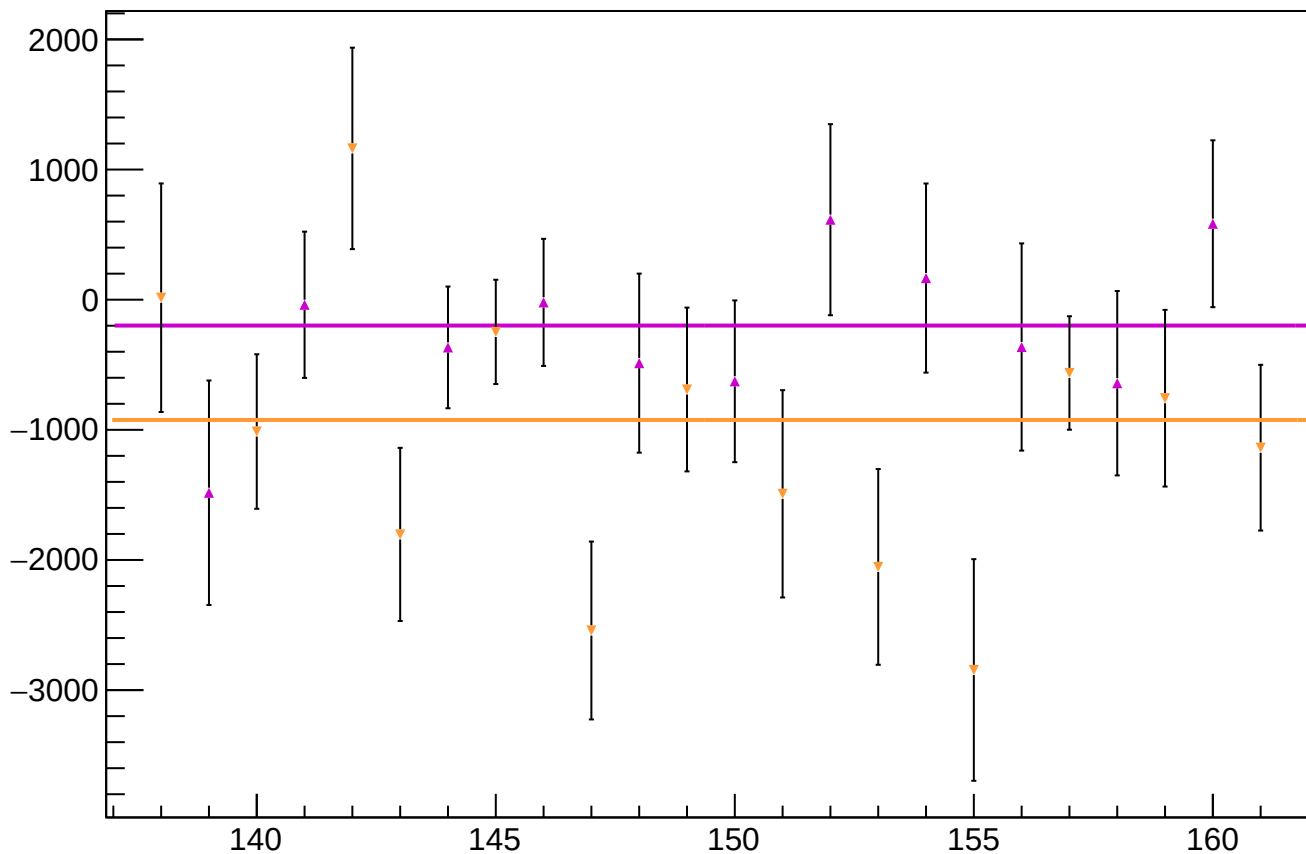
Left In: 79.609+/-0.019 χ^2/NDF : 189601.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.069+/-0.013 χ^2/NDF : 547833.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -924.219 $\pm$ 172.571 χ^2 /NDF:27.5/12

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

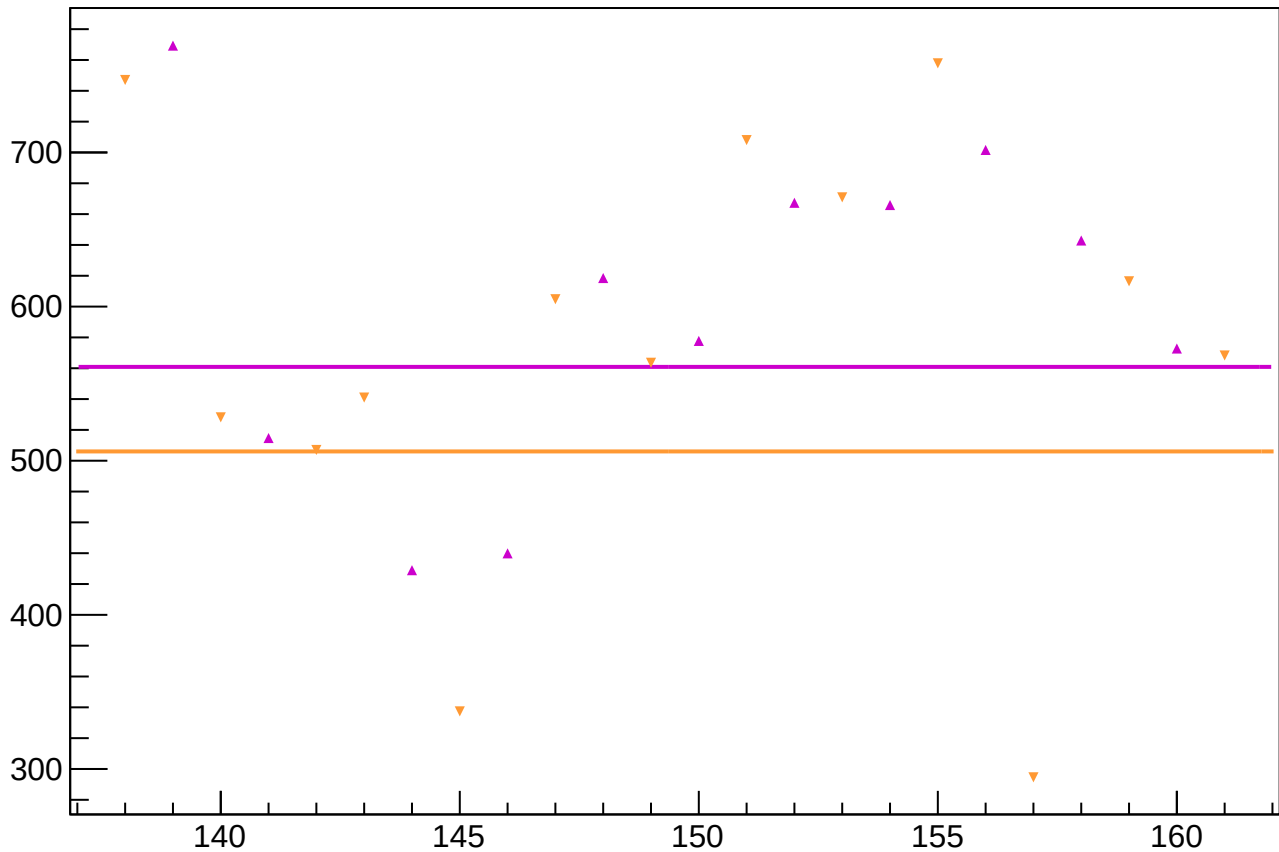
Left In: -198.746 $\pm$ 189.897 χ^2 /NDF:6.6/10

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

All: -596.081 $\pm$ 127.713 χ^2 /NDF: 42.1/23

- sign 0.000 $\pm$ 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: 506.030+/-0.122 χ^2/NDF : 1513859.5/12

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

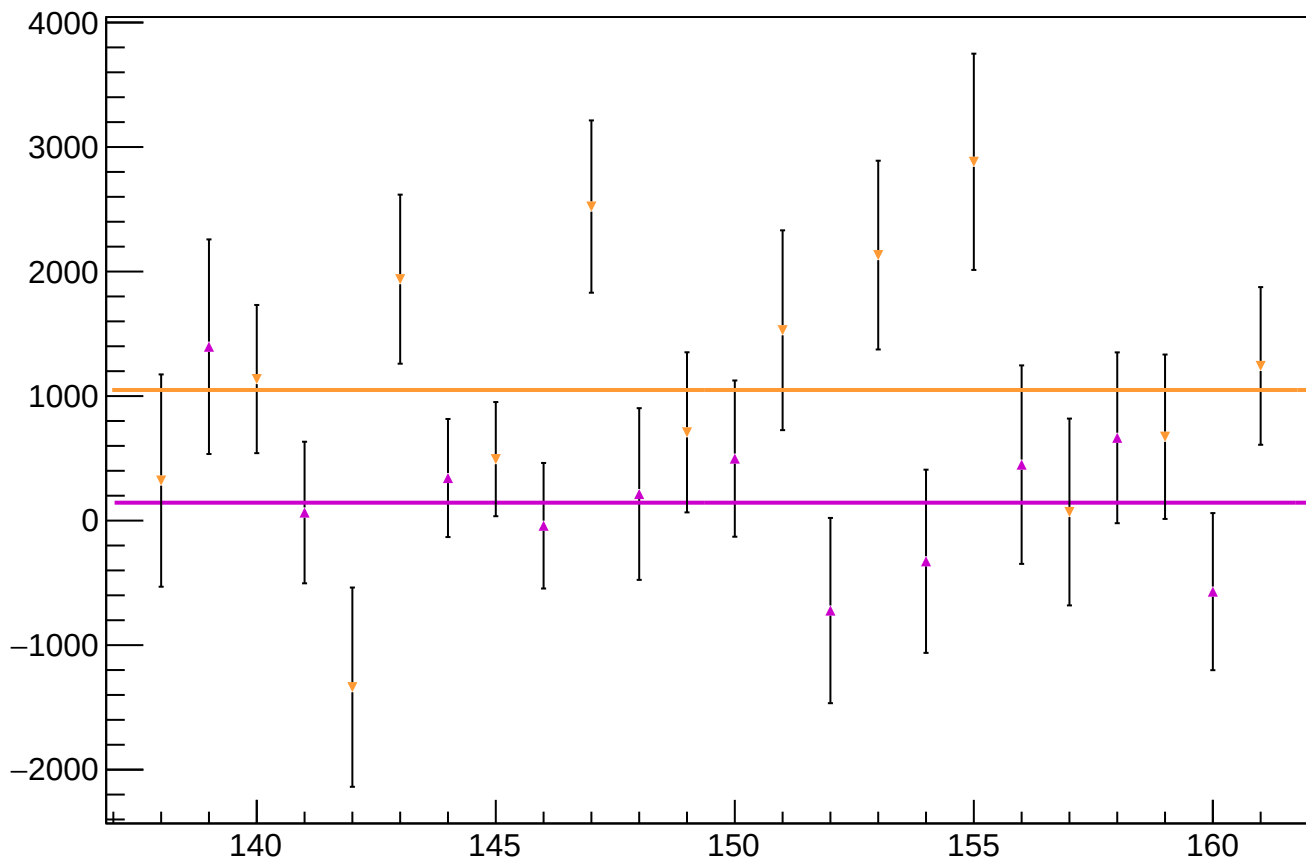
Left In: 560.883+/-0.134 χ^2/NDF : 601520.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.841+/-0.090 χ^2/NDF : 2206776.6/23

- 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: 1049.042+/-187.679 χ^2/NDF : 26.6/12

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

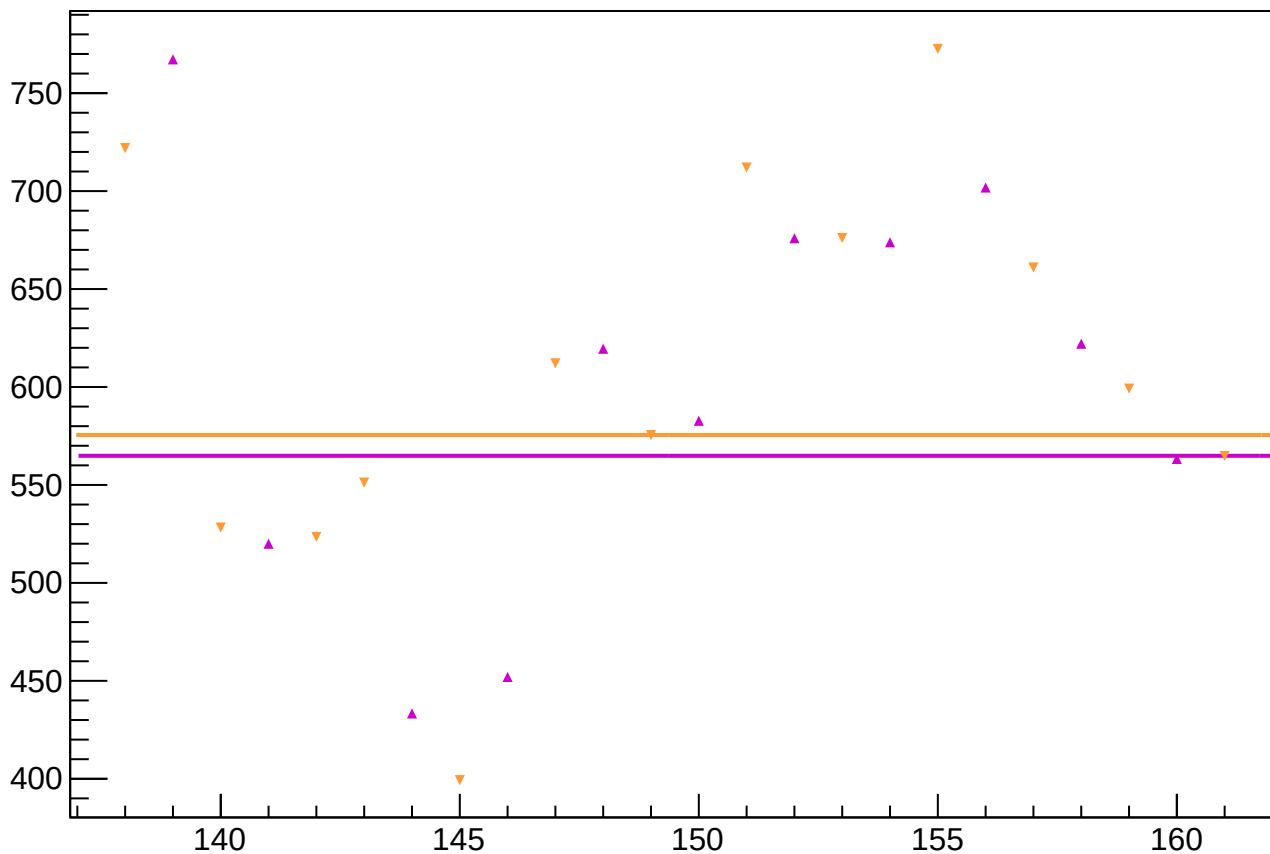
Left In: 143.896+/-191.262 χ^2/NDF : 6.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.026+/-133.958 χ^2/NDF : 44.6/23

- 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: 575.501+/-0.133 χ^2/NDF : 609058.0/12

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

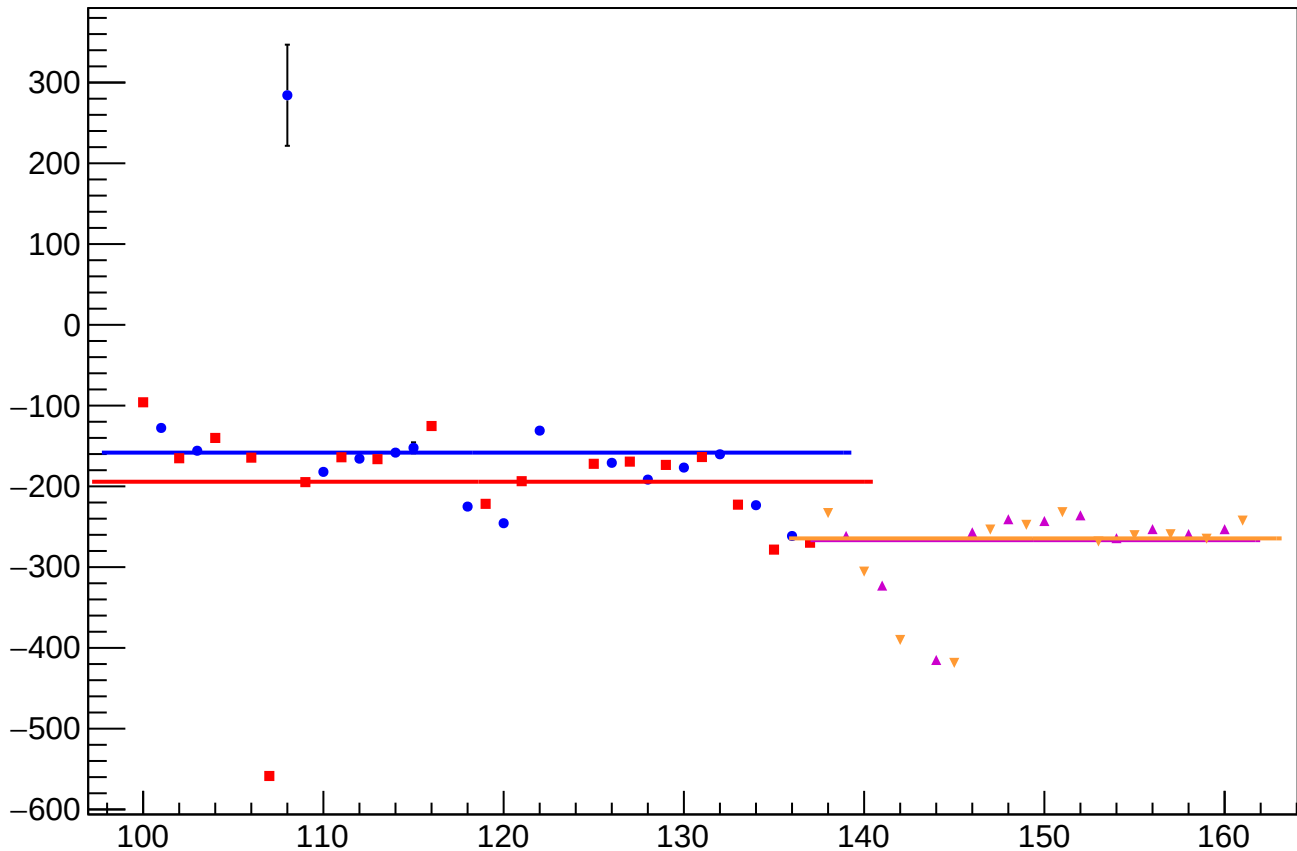
Left In: 564.892+/-0.135 χ^2/NDF : 552586.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.297+/-0.095 χ^2/NDF : 1164779.4/23

- 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: -264.427+/-0.171 χ^2/NDF : 26431.9/11

Right Out: -194.268+/-0.165 χ^2/NDF : 176560.4/17

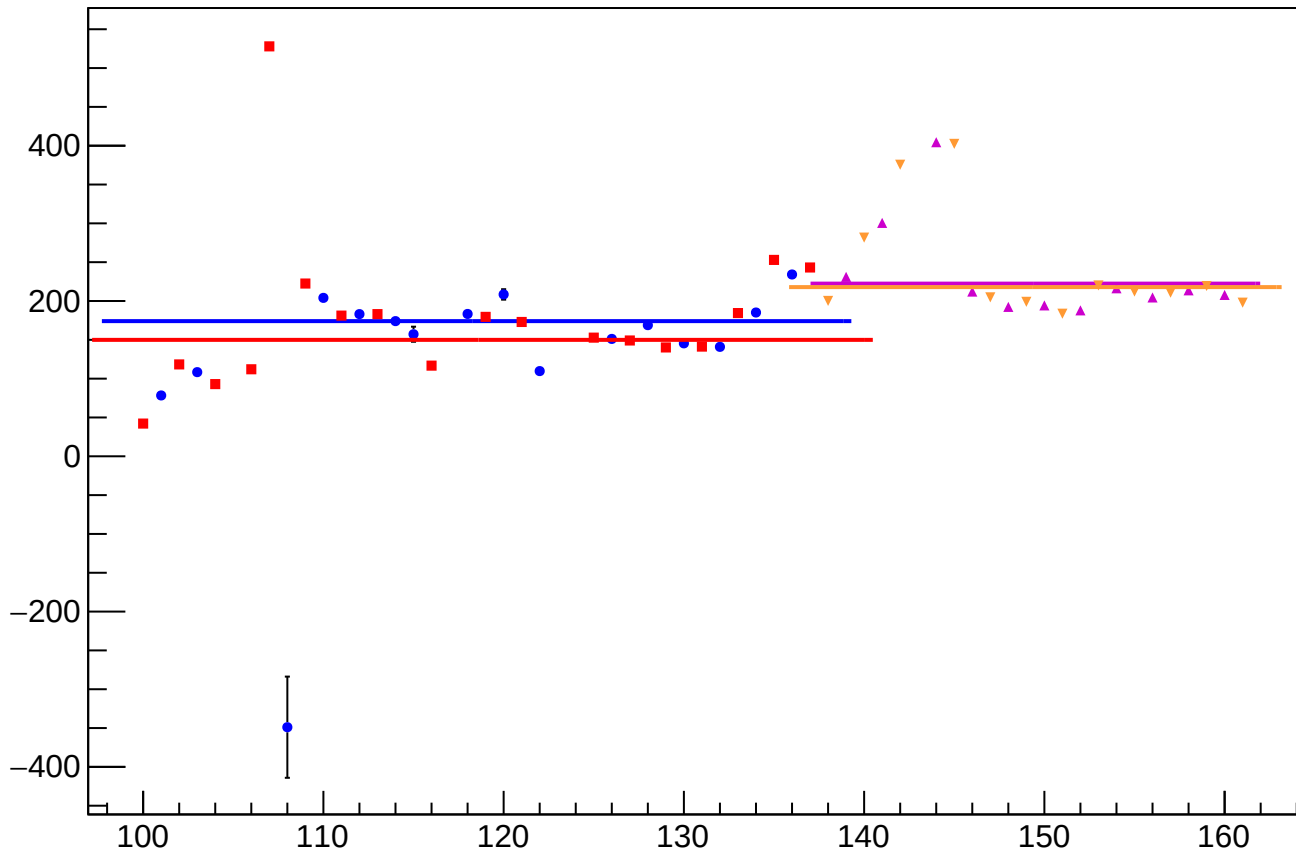
Left In: -266.611+/-0.180 χ^2/NDF : 44095.7/10

+ sign -158.222+/-0.000 χ^2/NDF : 527499.1/27

All: -158.222+/-0.000 χ^2/NDF : 1160196.5/56

- sign -227.420+/-0.122 χ^2/NDF : 308595.4/28

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 217.886 $\pm$ 0.170 χ^2 /NDF:34259.8/11

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

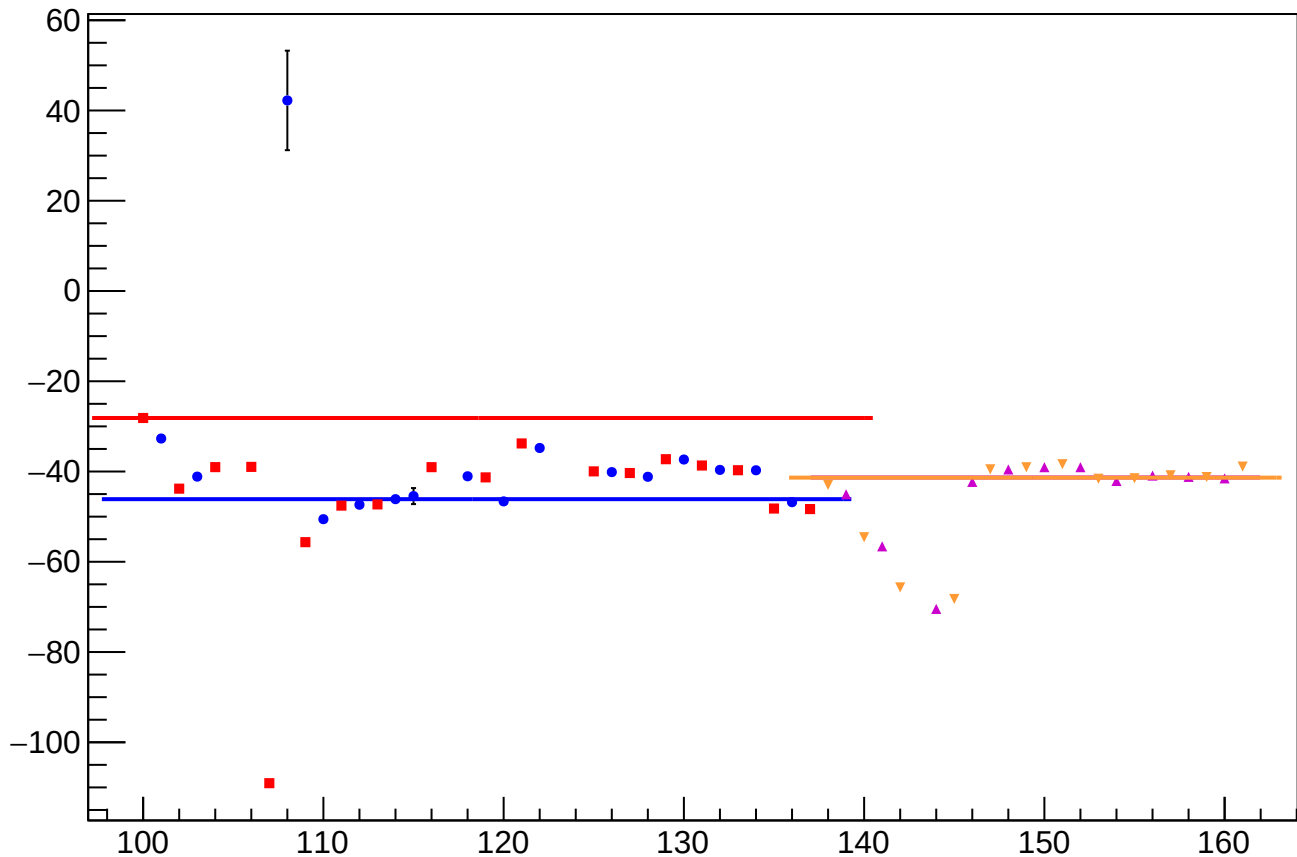
Left In: 222.383 $\pm$ 0.181 χ^2 /NDF:62219.2/10

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 154193.1/27

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 470720.7/56

- sign 188.964 $\pm$ 0.133 χ^2 /NDF: 303977.8/28

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF : 201273.7/15

Left Out: -41.357+/-0.008 χ^2/NDF : 87087.6/11

Right Out: -28.139+/-0.000 χ^2/NDF : 746939.9/17

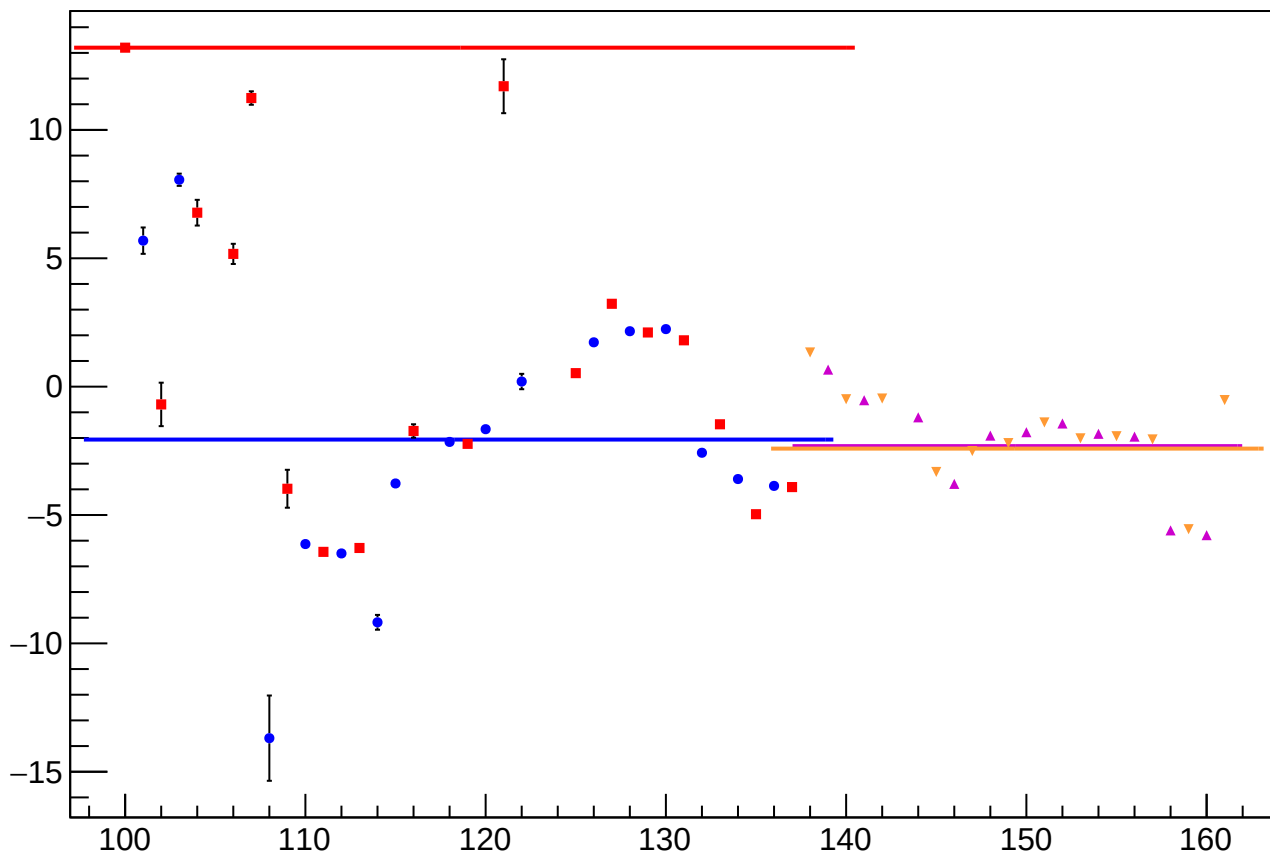
Left In: -41.326+/-0.010 χ^2/NDF : 154793.4/10

+ sign -46.126+/-0.000 χ^2/NDF : 607549.7/27

All: -39.778+/-0.000 χ^2/NDF : 248795993231

- sign -28.139+/-0.000 χ^2/NDF : 2611447.4/28

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -2.413 ± 0.009 χ^2/NDF : 30212.9/11

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

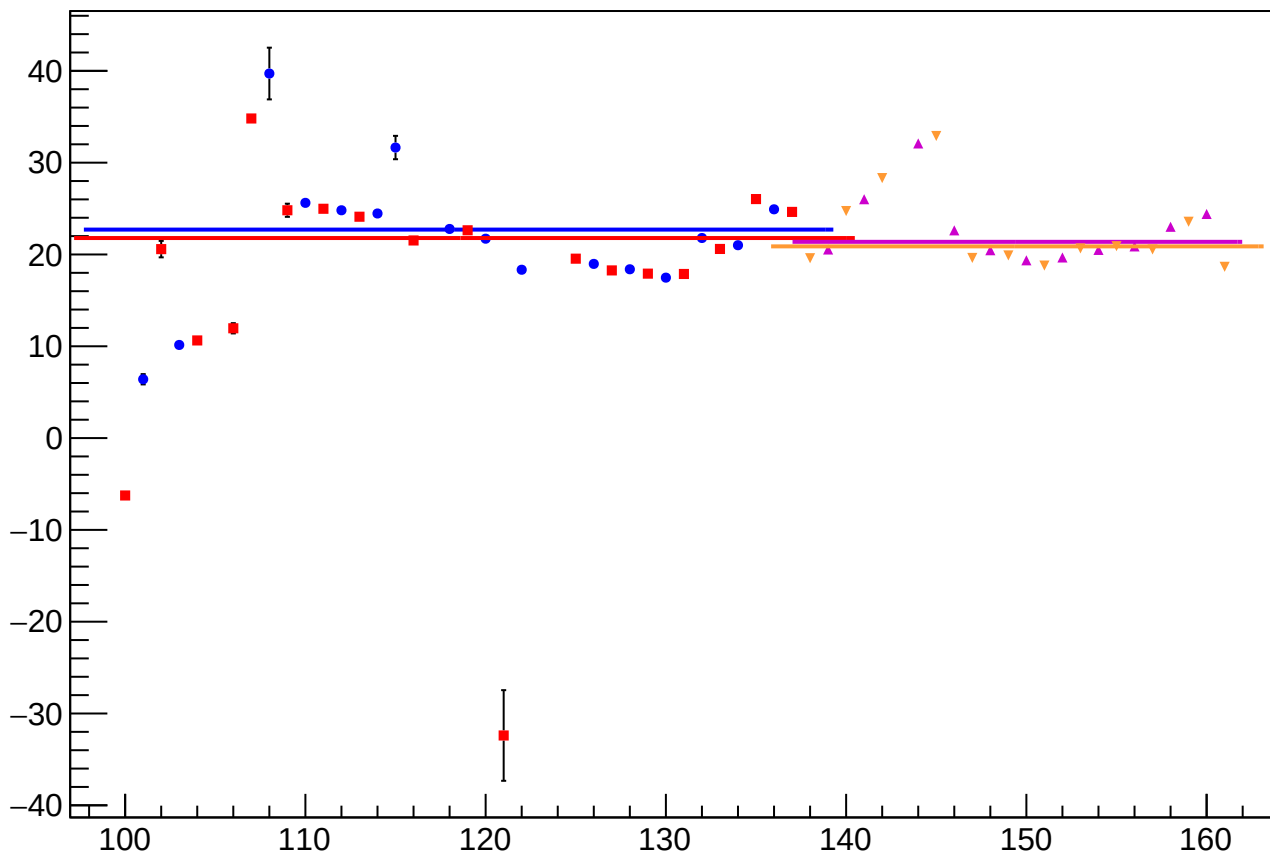
Left In: -2.316 ± 0.008 χ^2/NDF : 47355.9/10

+ sign -2.336 ± 0.008 χ^2/NDF : 56182.4/27

All: 13.204 ± 0.000 χ^2/NDF : 8290391.2/56

- sign 13.204 ± 0.000 χ^2/NDF : 4797377.2/28

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 20.882 $\pm$ 0.011 χ^2 /NDF:22263.0/11

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

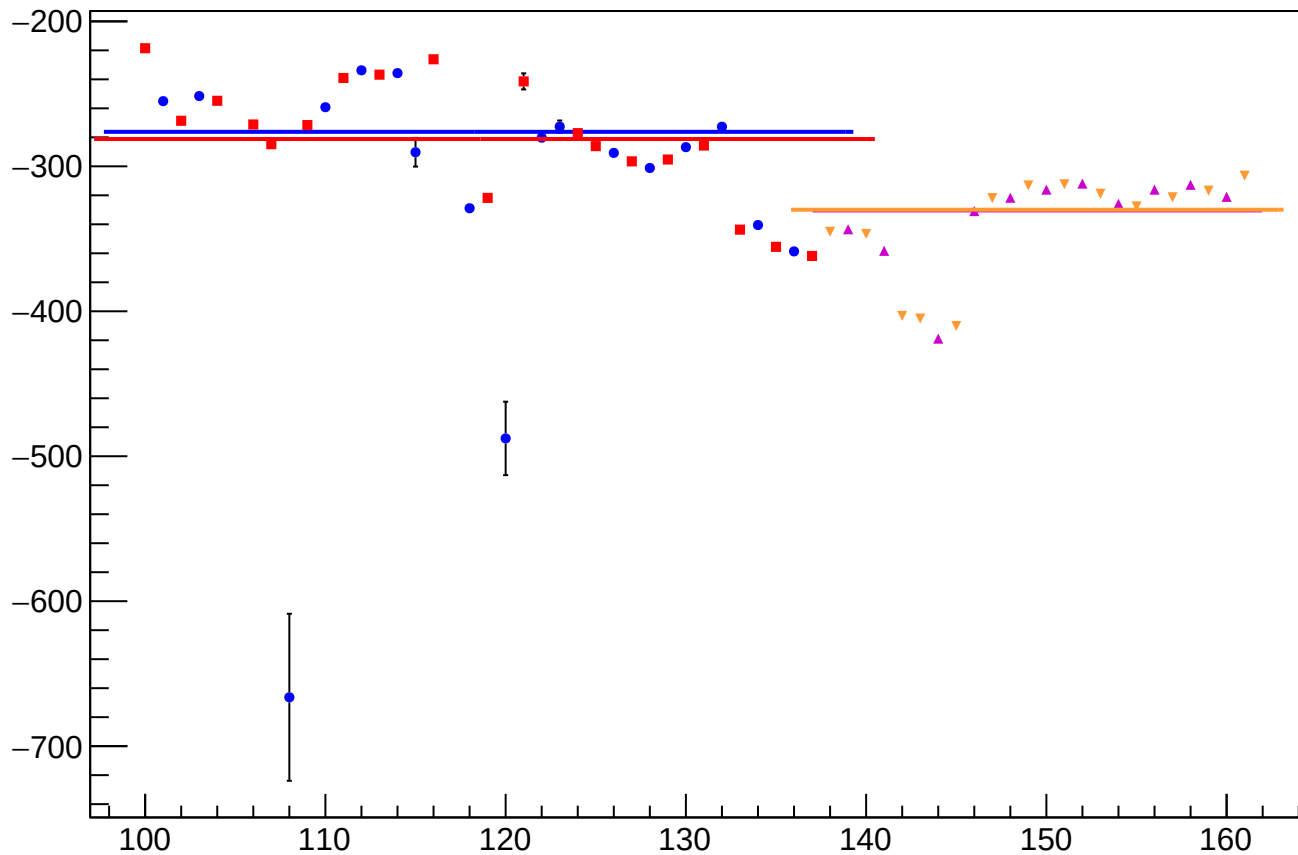
Left In: 21.378 $\pm$ 0.009 χ^2 /NDF:52695.5/10

+ sign 21.371 $\pm$ 0.010 χ^2 /NDF: 51994.5/27

All: 21.410 $\pm$ 0.006 χ^2 /NDF: 131702.3/56

- sign 21.439 $\pm$ 0.008 χ^2 /NDF: 79679.1/28

dit_usr_4aX_slope vs Slug



Right In: -276.201 ± 0.167 χ^2/NDF : 58107.7/16

Left Out: -329.929 ± 0.154 χ^2/NDF : 29382.8/12

Right Out: -281.150 ± 0.148 χ^2/NDF : 77611.5/18

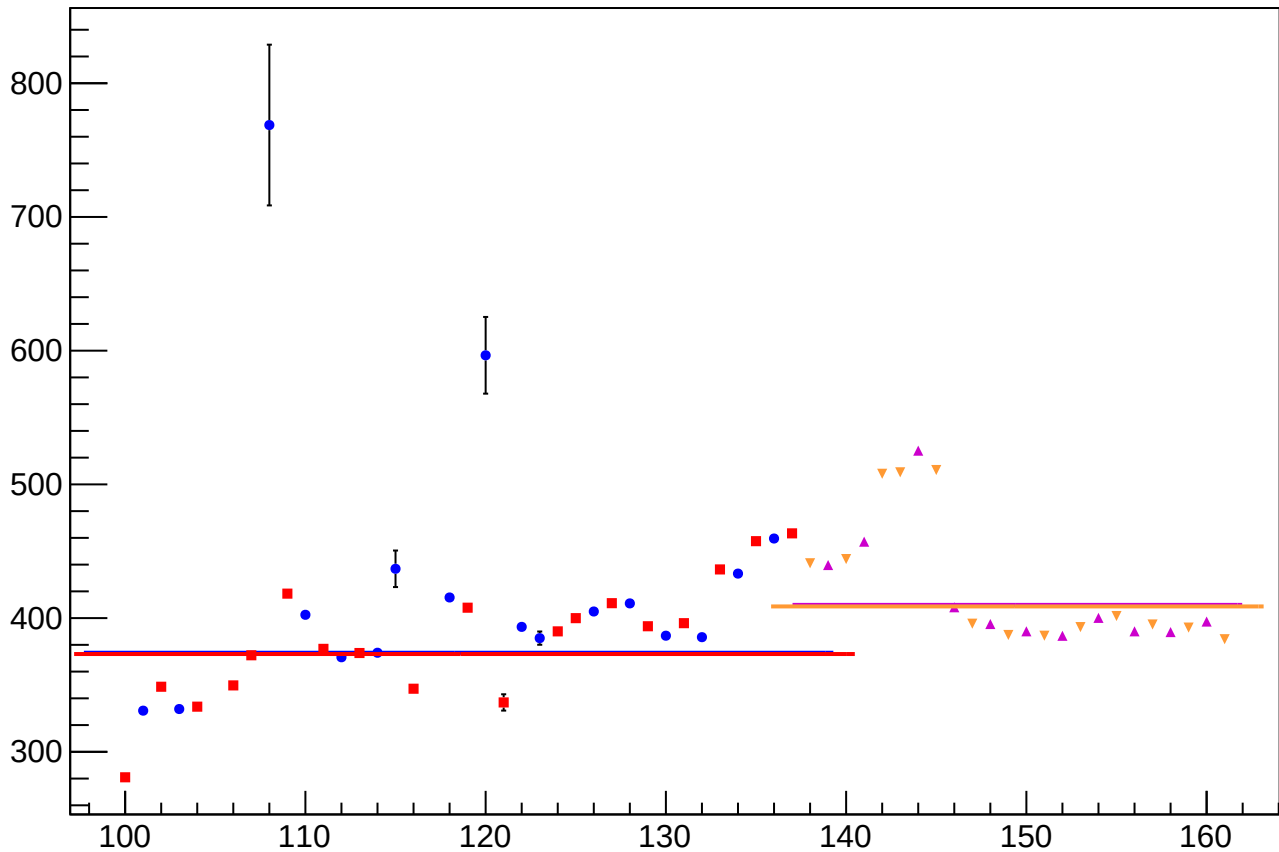
Left In: -330.429 ± 0.128 χ^2/NDF : 35079.6/10

+ sign -305.213 ± 0.113 χ^2/NDF : 143673.2/29

All: -307.513 ± 0.074 χ^2/NDF : 320579.9/59

- sign -309.203 ± 0.097 χ^2/NDF : 176187.5/29

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 408.726 $\pm$ 0.153 χ^2 /NDF: 51659.9/12

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

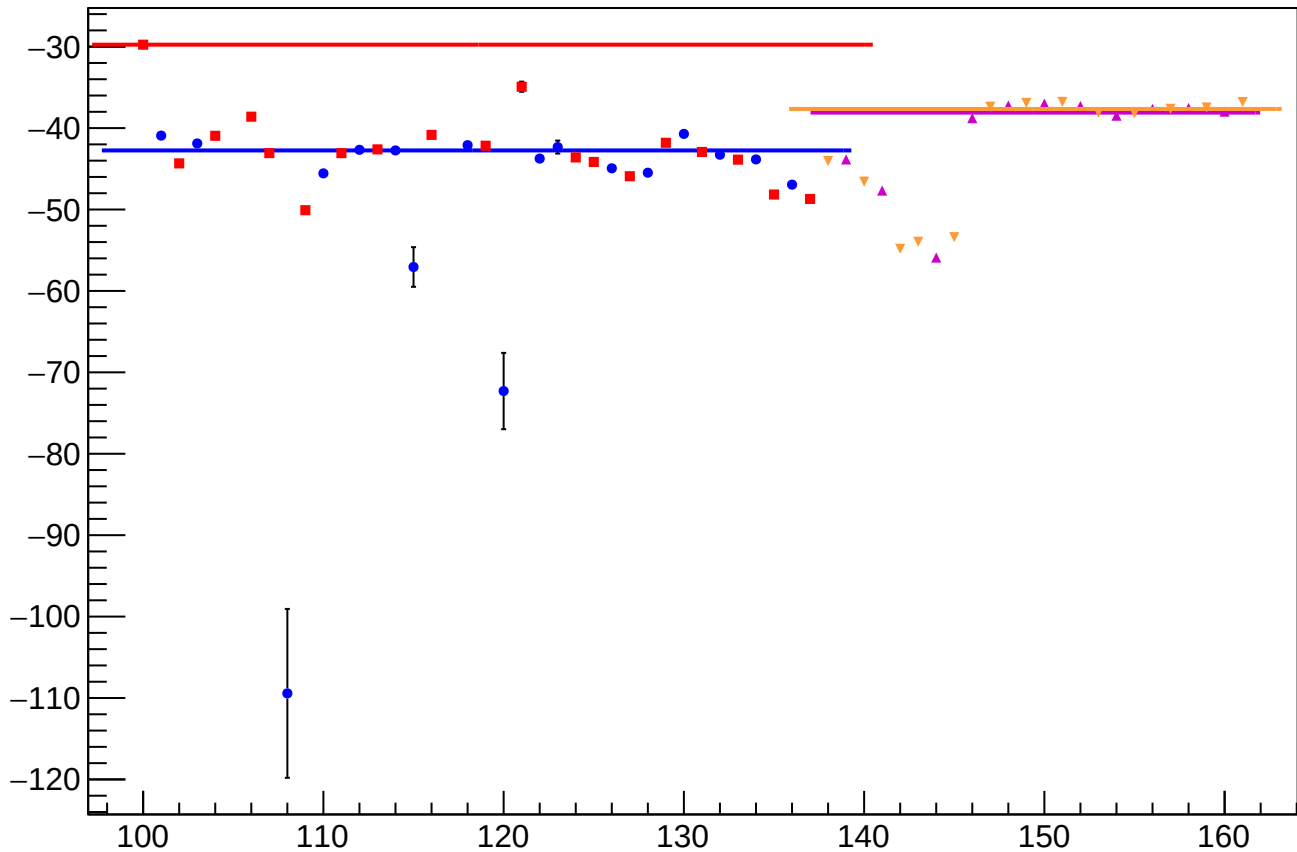
Left In: 409.887 $\pm$ 0.130 χ^2 /NDF: 59839.1/10

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 138007.2/29

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 382114.7/59

- sign 395.068 $\pm$ 0.100 χ^2 /NDF: 200371.8/29

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -37.646 $\pm$ 0.005 χ^2 /NDF: 256046.3/12

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 483930.3/18

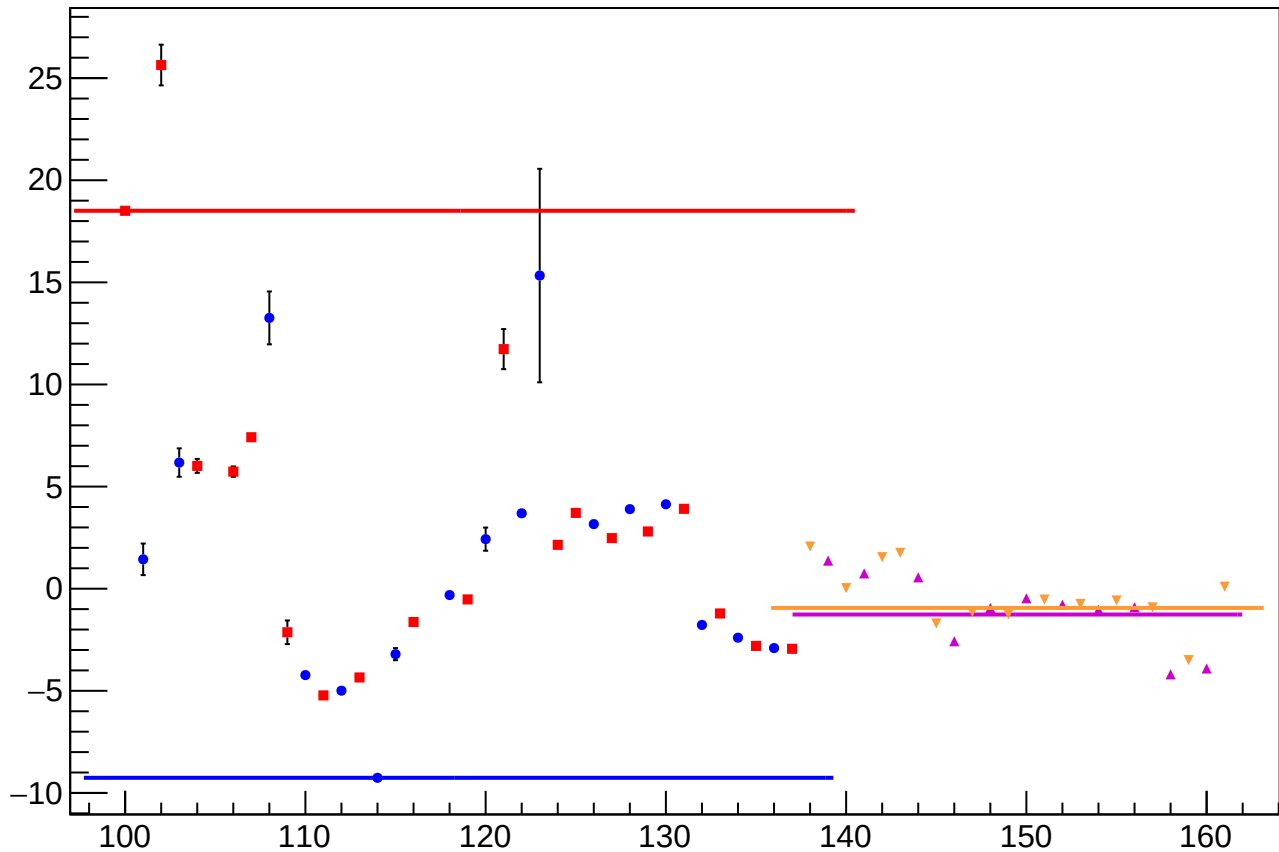
Left In: -38.098 $\pm$ 0.005 χ^2 /NDF: 144869.2/10

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 1443340.5/29

All: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680

- sign -29.754 $\pm$ 0.000 χ^2 /NDF: 3178291.2/29

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Left Out: -0.941 ± 0.008 χ^2/NDF : 29510.4/12

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

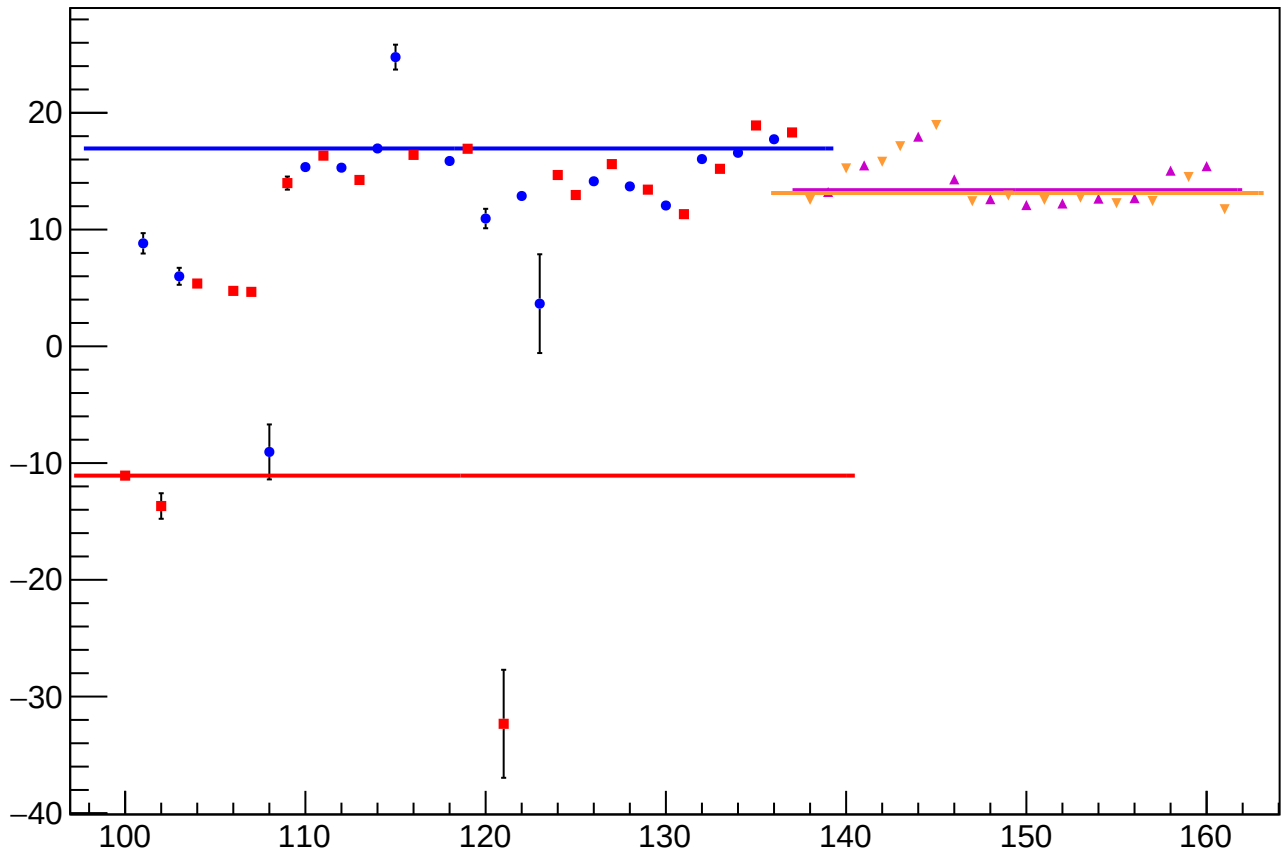
Left In: -1.264 ± 0.008 χ^2/NDF : 42089.3/10

+ sign -9.259 ± 0.000 χ^2/NDF : 1471076.6/29

All: 6.039 ± 0.000 χ^2/NDF : 1645057450595

- sign 18.504 ± 0.000 χ^2/NDF : 13991171.7/29

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 13.131 $\pm$ 0.010 χ^2 /NDF:15696.1/12

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

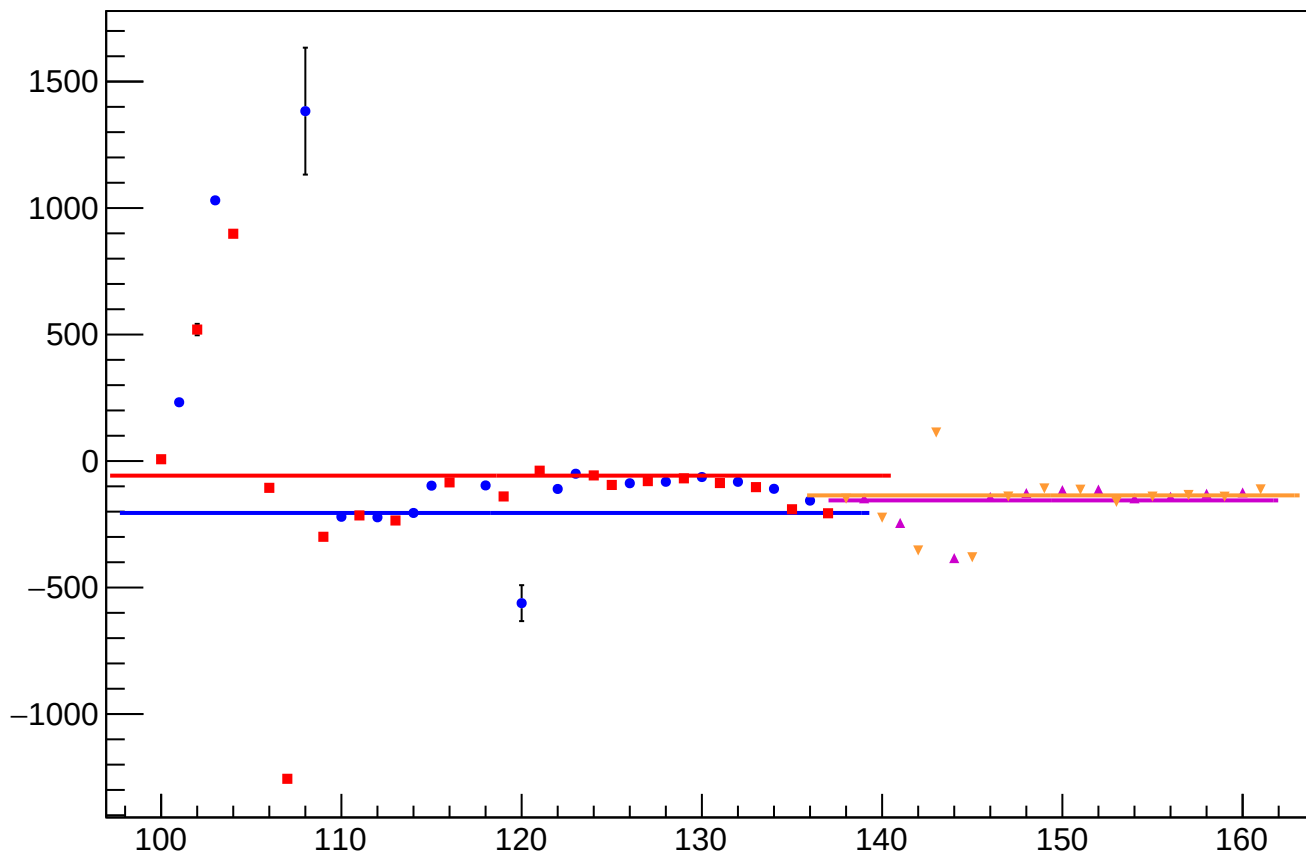
Left In: 13.375 $\pm$ 0.011 χ^2 /NDF:16068.9/10

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 177136.7/29

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

- sign -11.075 $\pm$ 0.000 χ^2 /NDF: 7709247.3/29

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 χ^2/NDF : 582775.6/16

Left Out: -135.730 ± 0.281 χ^2/NDF : 43355.3/12

Right Out: -57.684 ± 0.283 χ^2/NDF : 114854.9/18

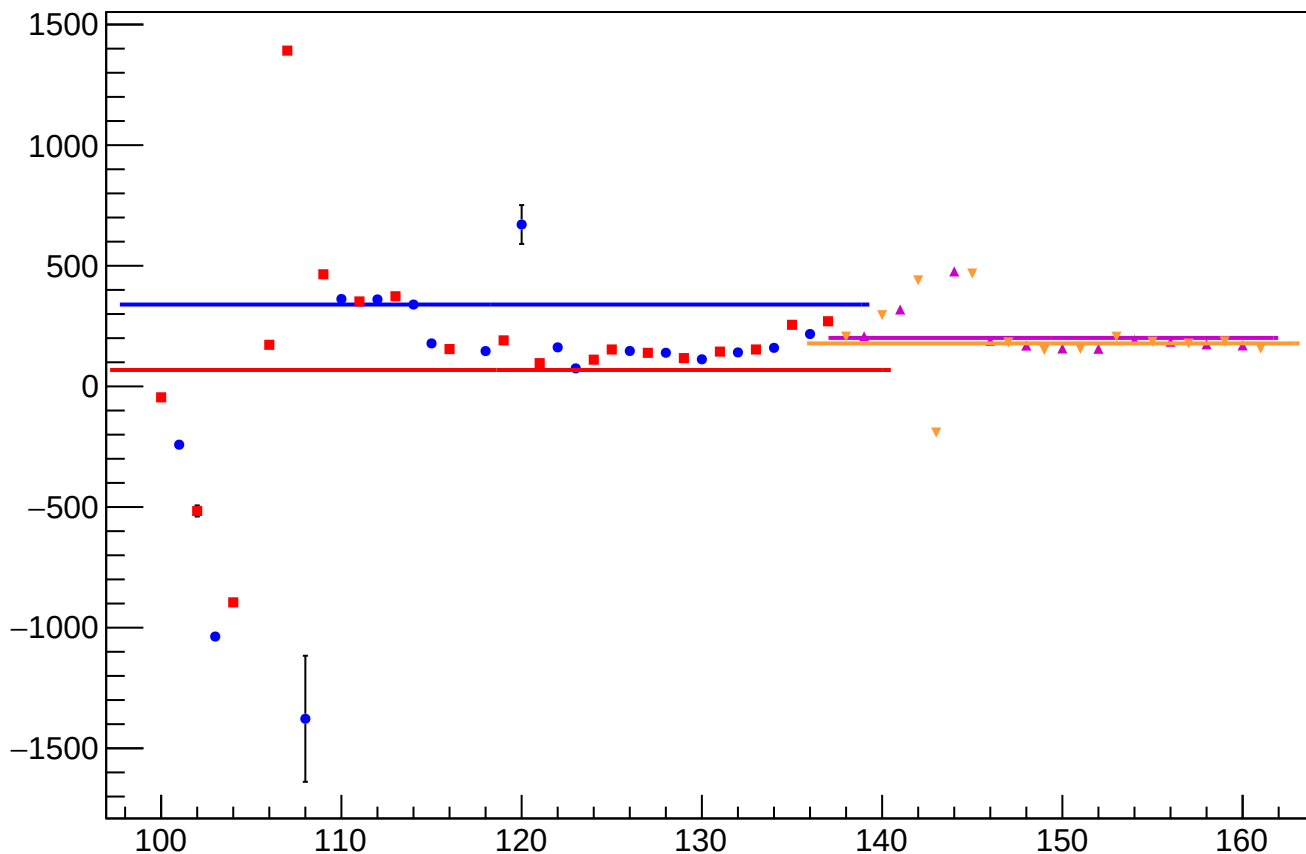
Left In: -155.557 ± 0.337 χ^2/NDF : 39848.0/10

+ sign -205.160 ± 0.000 χ^2/NDF : 687061.8/29

All: -205.160 ± 0.000 χ^2/NDF : 1134373.3/59

- sign -98.276 ± 0.217 χ^2/NDF : 204185.5/29

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 178.300+/-0.281 χ^2/NDF : 79237.0/12

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

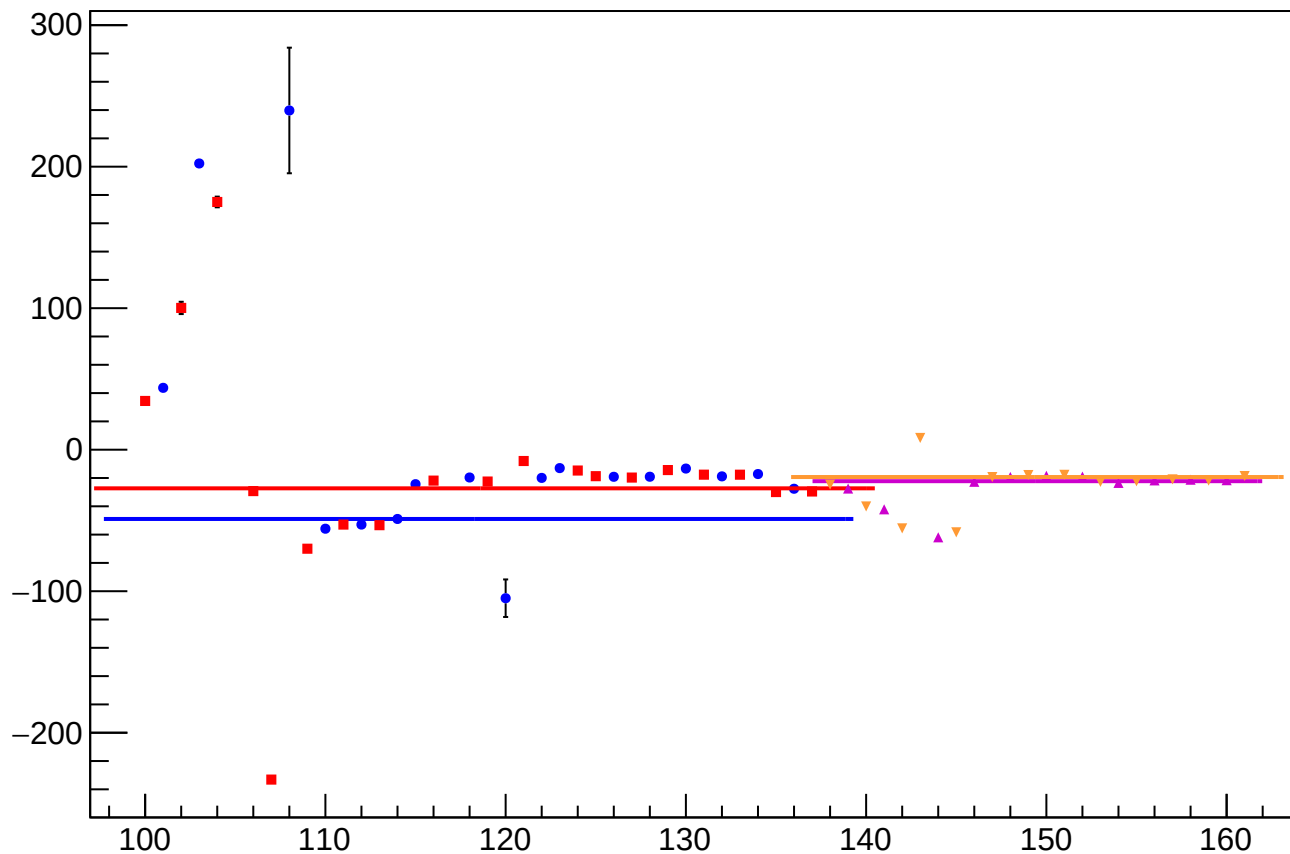
Left In: 201.003+/-0.341 χ^2/NDF : 46386.2/10

+ sign 339.325+/-0.000 χ^2/NDF : 1437621.3/29

All: 339.325+/-0.000 χ^2/NDF : 2820600.4/59

- sign 123.028+/-0.219 χ^2/NDF : 408090.3/29

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF : 5408370.4/16

Left Out: -19.312+/-0.013 χ^2/NDF : 564408.1/12

Right Out: -27.303+/-0.052 χ^2/NDF : 167879.9/18

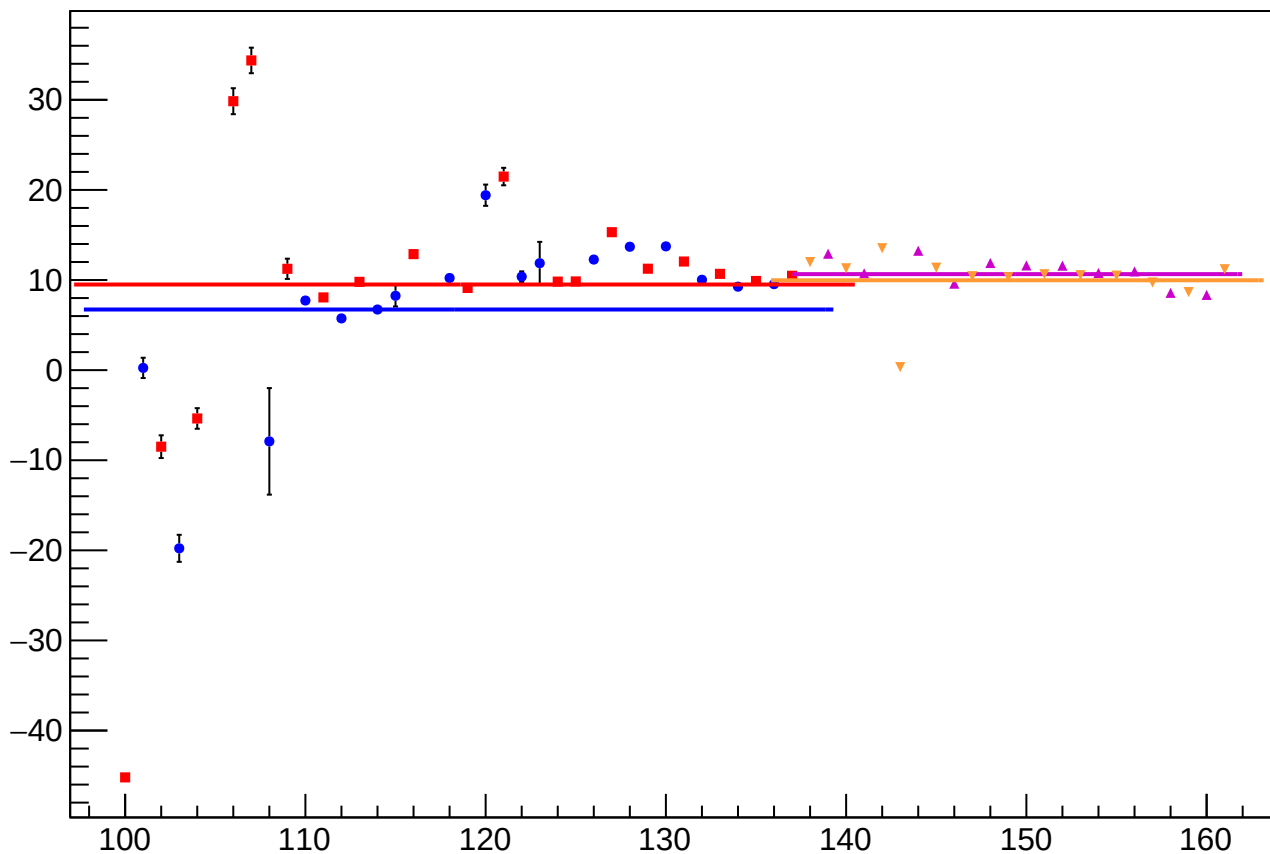
Left In: -22.249+/-0.019 χ^2/NDF : 119780.0/10

+ sign -48.945+/-0.000 χ^2/NDF : 10952099.8/29

All: -48.945+/-0.000 χ^2/NDF : 13395218.3/59

- sign -22.849+/-0.018 χ^2/NDF : 296084.7/29

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 9.971 ± 0.019 χ^2/NDF : 21829.8/12

Right Out: 9.502 ± 0.036 χ^2/NDF : 26822.1/18

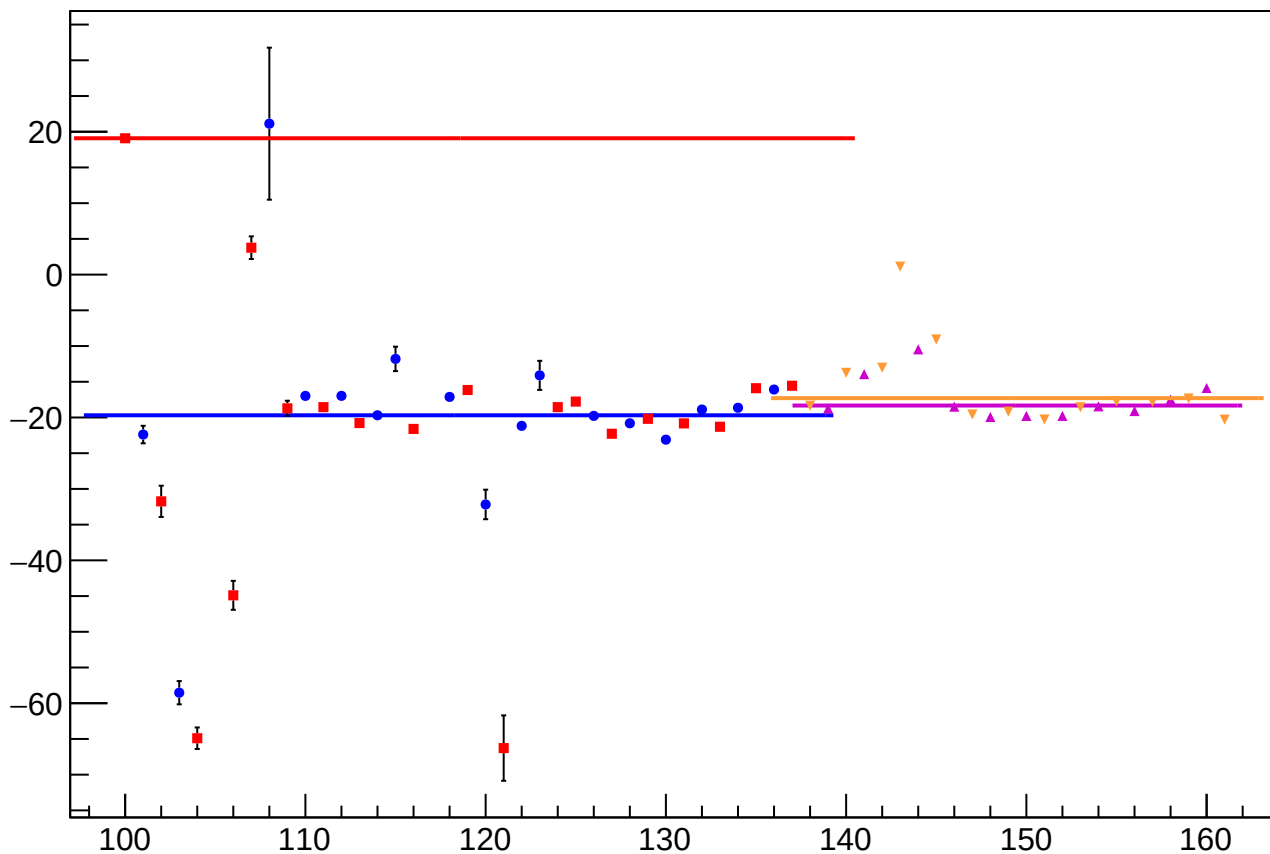
Left In: 10.656 ± 0.016 χ^2/NDF : 7882.1/10

+ sign 6.728 ± 0.000 χ^2/NDF : 65211.1/29

All: 6.728 ± 0.000 χ^2/NDF : 168044.3/59

- sign 10.467 ± 0.014 χ^2/NDF : 35581.7/29

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 $\chi^2/\text{NDF}: 7579.0/16$

Left Out: -17.293 ± 0.022 $\chi^2/\text{NDF}: 37474.1/12$

Right Out: 19.086 ± 0.000 $\chi^2/\text{NDF}: 610746.9/18$

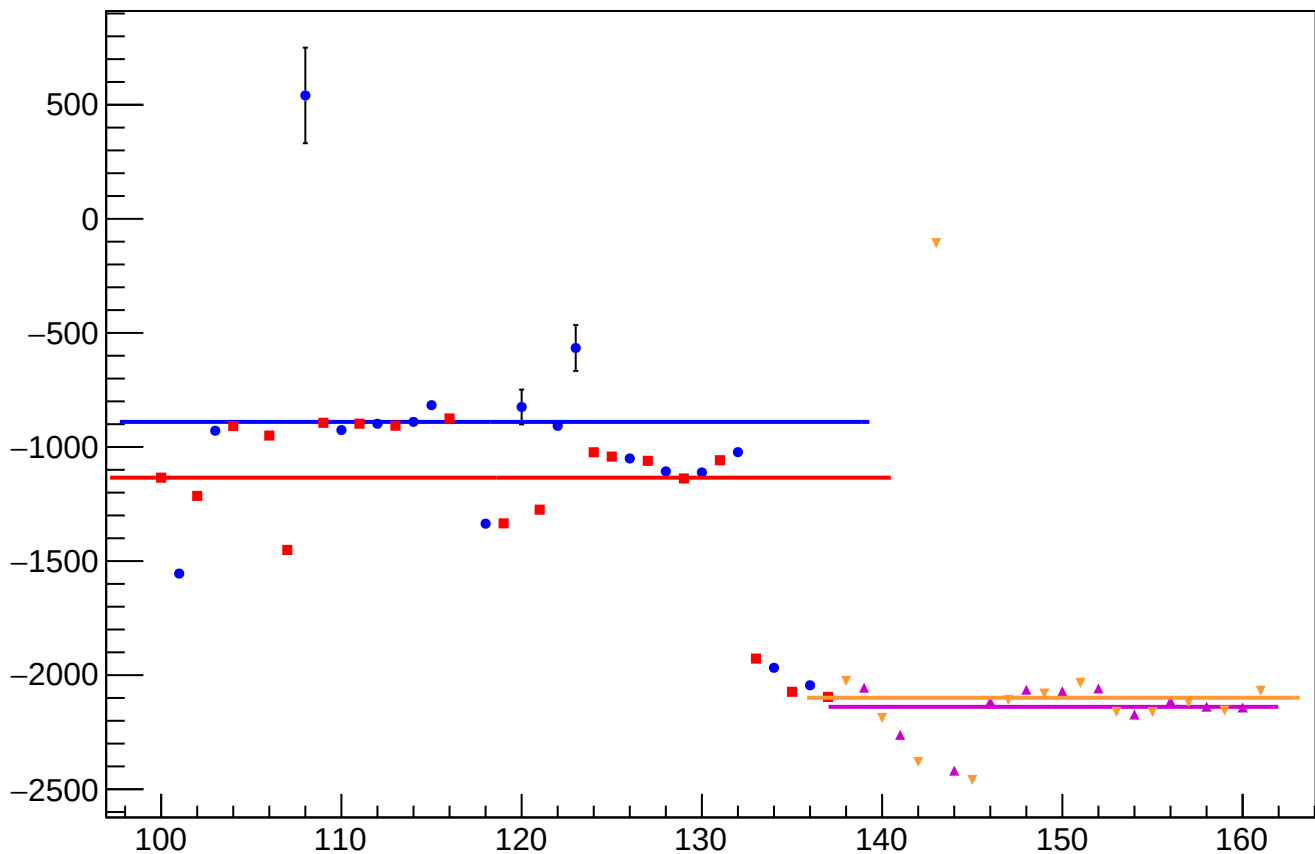
Left In: -18.326 ± 0.021 $\chi^2/\text{NDF}: 7186.4/10$

+ sign -19.693 ± 0.000 $\chi^2/\text{NDF}: 57469.2/29$

All: -6.006 ± 0.000 $\chi^2/\text{NDF}: 4625637731292$

- sign 19.086 ± 0.000 $\chi^2/\text{NDF}: 3912253.6/29$

dit_atl2_4aX_slope vs Slug



Right In: -889.928 ± 0.000 χ^2/NDF : 775896.0/16

Left Out: -2099.093 ± 0.521 χ^2/NDF : 265139.6/12

Right Out: -1134.421 ± 0.000 χ^2/NDF : 733812.0/18

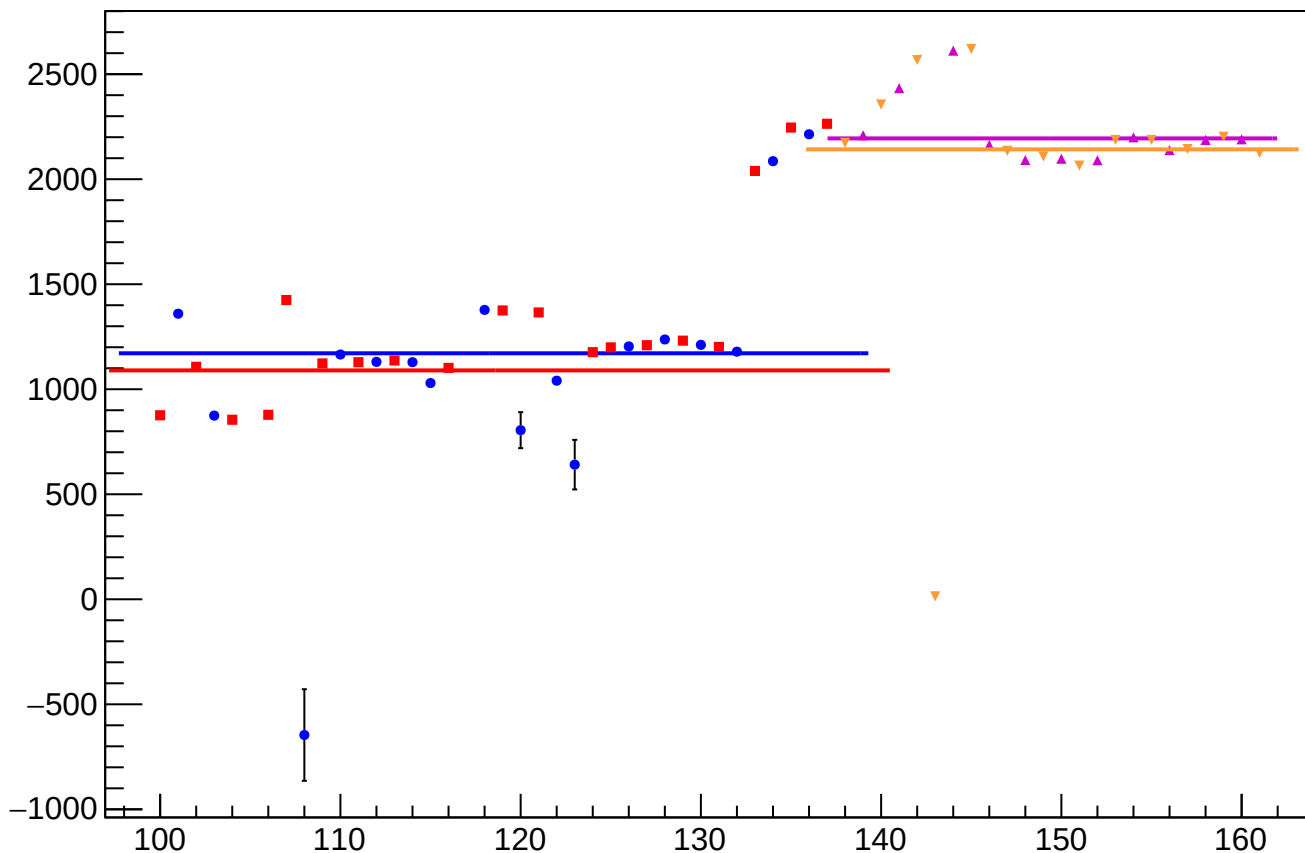
Left In: -2138.956 ± 0.518 χ^2/NDF : 31648.9/10

+ sign -889.928 ± 0.000 χ^2/NDF : 6427300.0/29

All: -976.220 ± 0.000 χ^2/NDF : 44889787387

- sign -1134.421 ± 0.000 χ^2/NDF : 4532763.6/29

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2142.086 $\pm$ 0.514 χ^2 /NDF: 303086.8/12

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

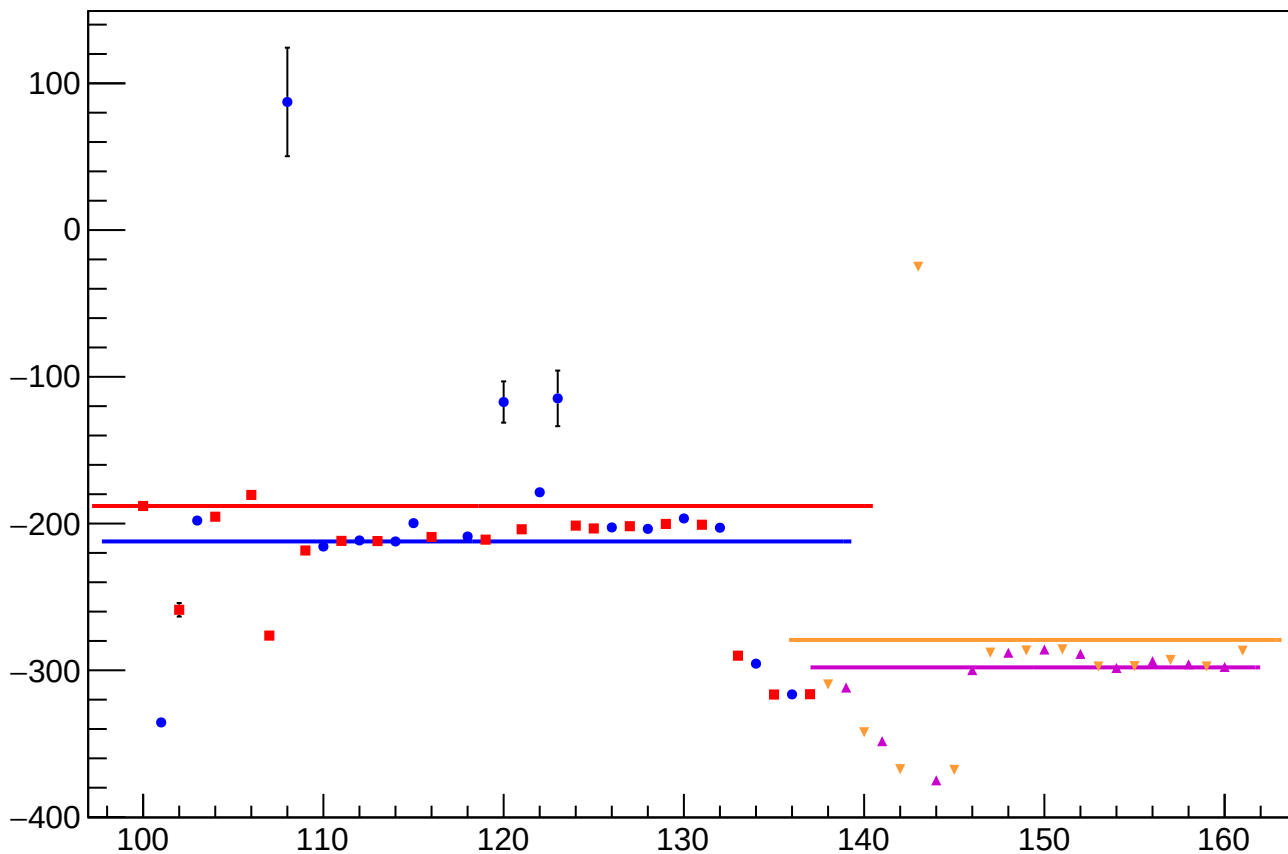
Left In: 2194.257 $\pm$ 0.524 χ^2 /NDF: 55516.4/10

+ sign 1351.547 $\pm$ 0.221 χ^2 /NDF: 3720498.6/29

All: 1326.131 $\pm$ 0.159 χ^2 /NDF: 8504954.0/59

- sign 1299.144 $\pm$ 0.228 χ^2 /NDF: 4757287.3/29

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -279.296 ± 0.028 $\chi^2/\text{NDF}: 5744844.5/12$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

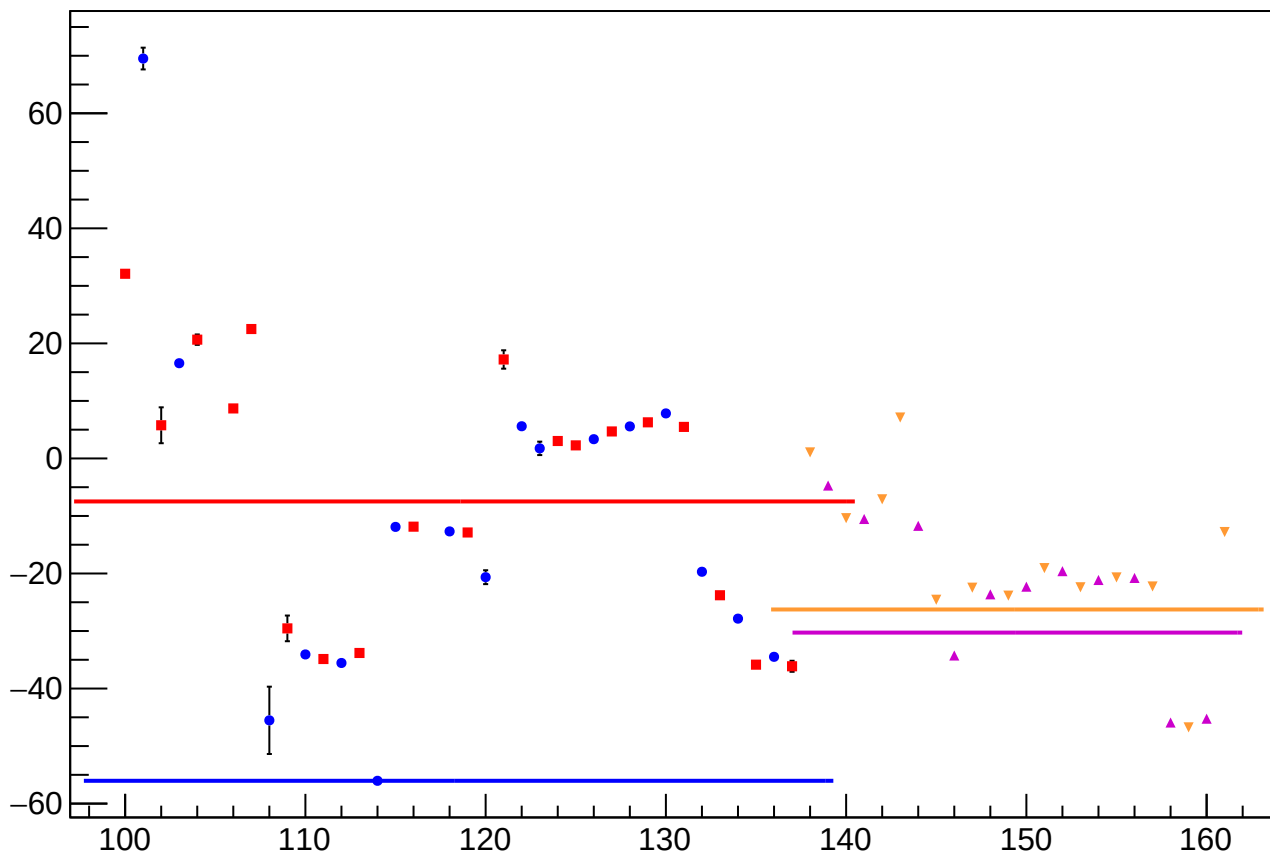
Left In: -298.012 ± 0.028 $\chi^2/\text{NDF}: 275688.0/10$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 12673767.5/29$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

- sign -188.033 ± 0.000 $\chi^2/\text{NDF}: 16288610.4/29$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 $\pm$ 0.000 χ^2 /NDF: 1585420.7/16

Left Out: -26.255 $\pm$ 0.028 χ^2 /NDF: 204832.9/12

Right Out: -7.476 $\pm$ 0.042 χ^2 /NDF: 173893.8/18

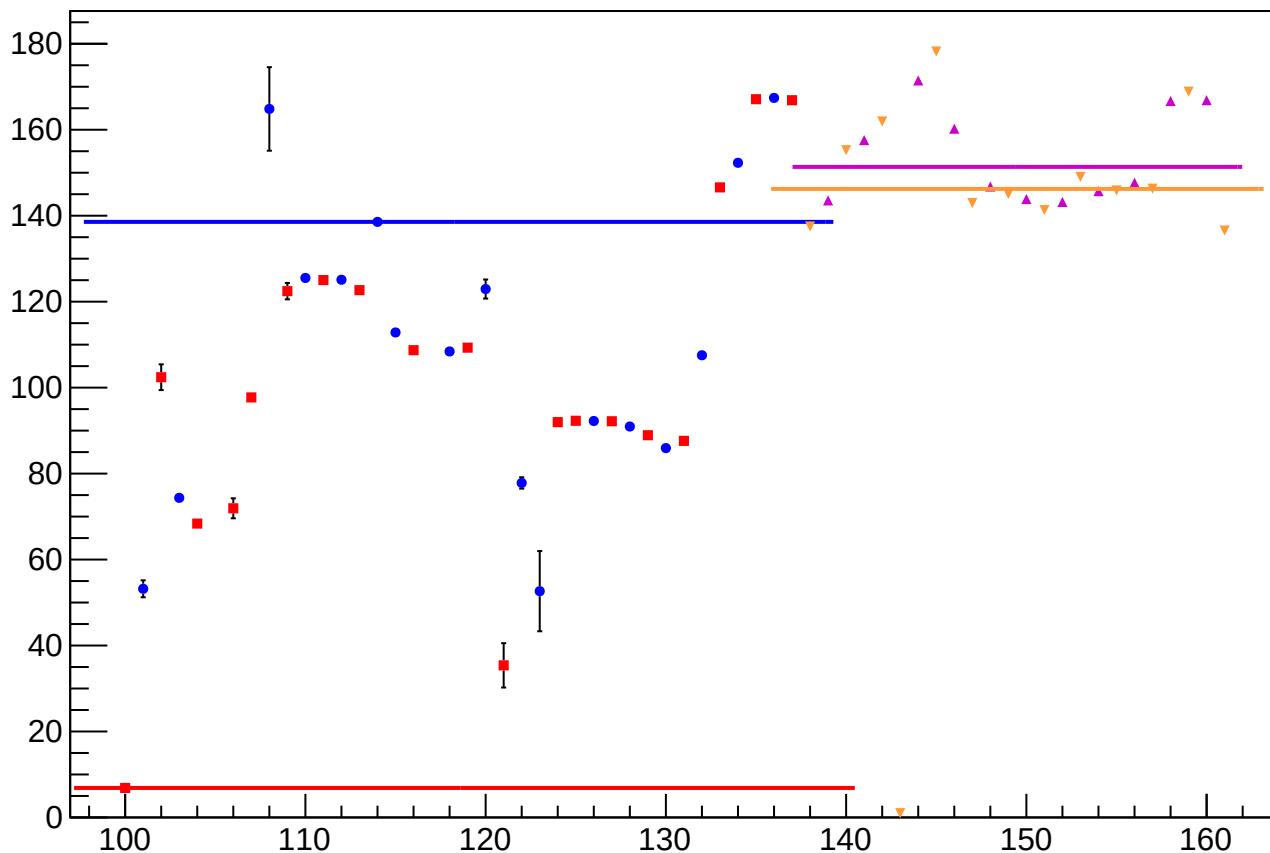
Left In: -30.275 $\pm$ 0.025 χ^2 /NDF: 284182.4/10

+ sign -56.037 $\pm$ 0.000 χ^2 /NDF: 2925730.6/29

All: -56.037 $\pm$ 0.000 χ^2 /NDF: 5743677.0/59

- sign -24.232 $\pm$ 0.022 χ^2 /NDF: 672815.8/29

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 146.236 $\pm$ 0.035 χ^2 /NDF:366190.3/12

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

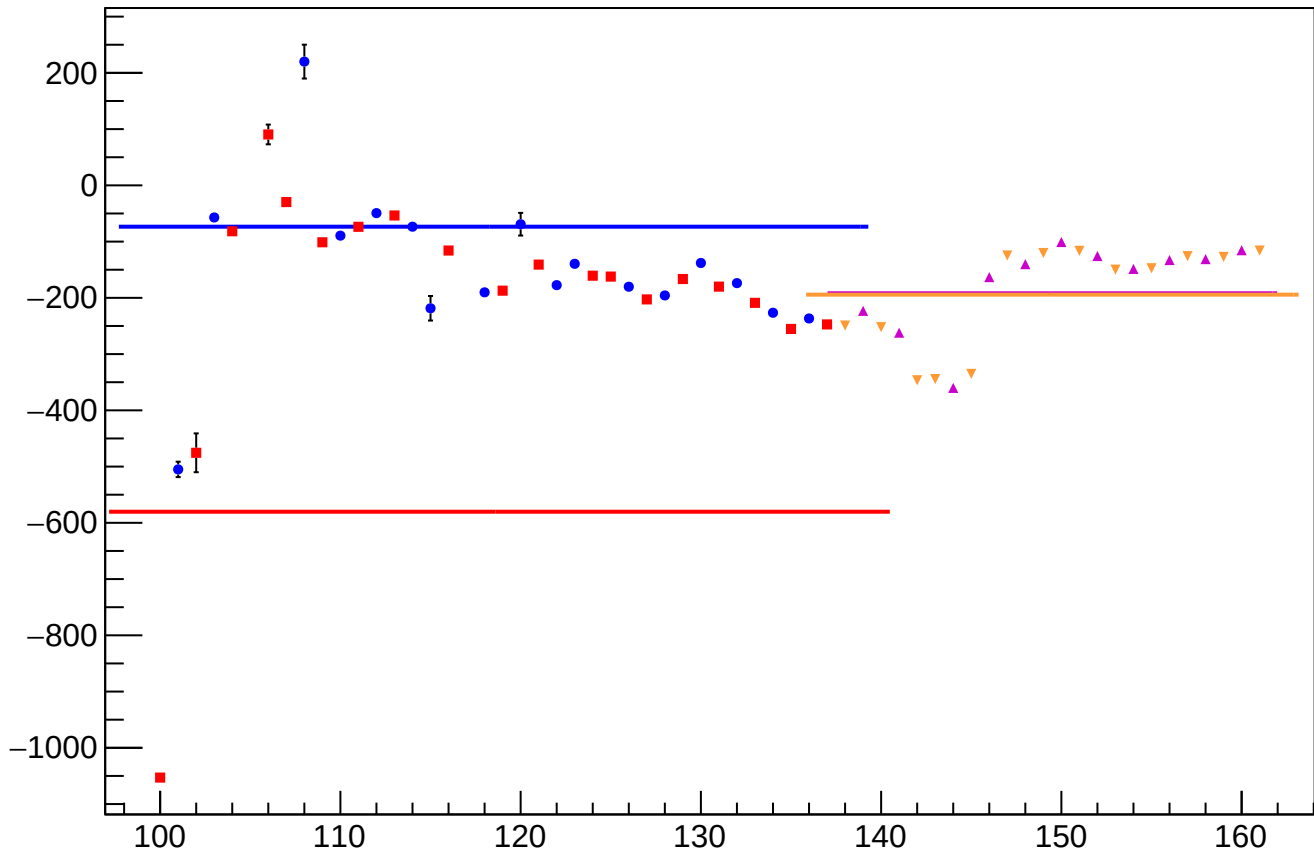
Left In: 151.359 $\pm$ 0.035 χ^2 /NDF:69700.7/10

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 1315521.8/29

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

- sign 6.866 $\pm$ 0.000 χ^2 /NDF: 24875694.9/29

dit_atr1_4aX_slope vs Slug



Right In: -73.485 $\pm$ 0.000 χ^2 /NDF: 98703.2/16

Left Out: -194.336 $\pm$ 0.322 χ^2 /NDF: 63805.3/12

Right Out: -580.262 $\pm$ 0.261 χ^2 /NDF: 3031609.5/18

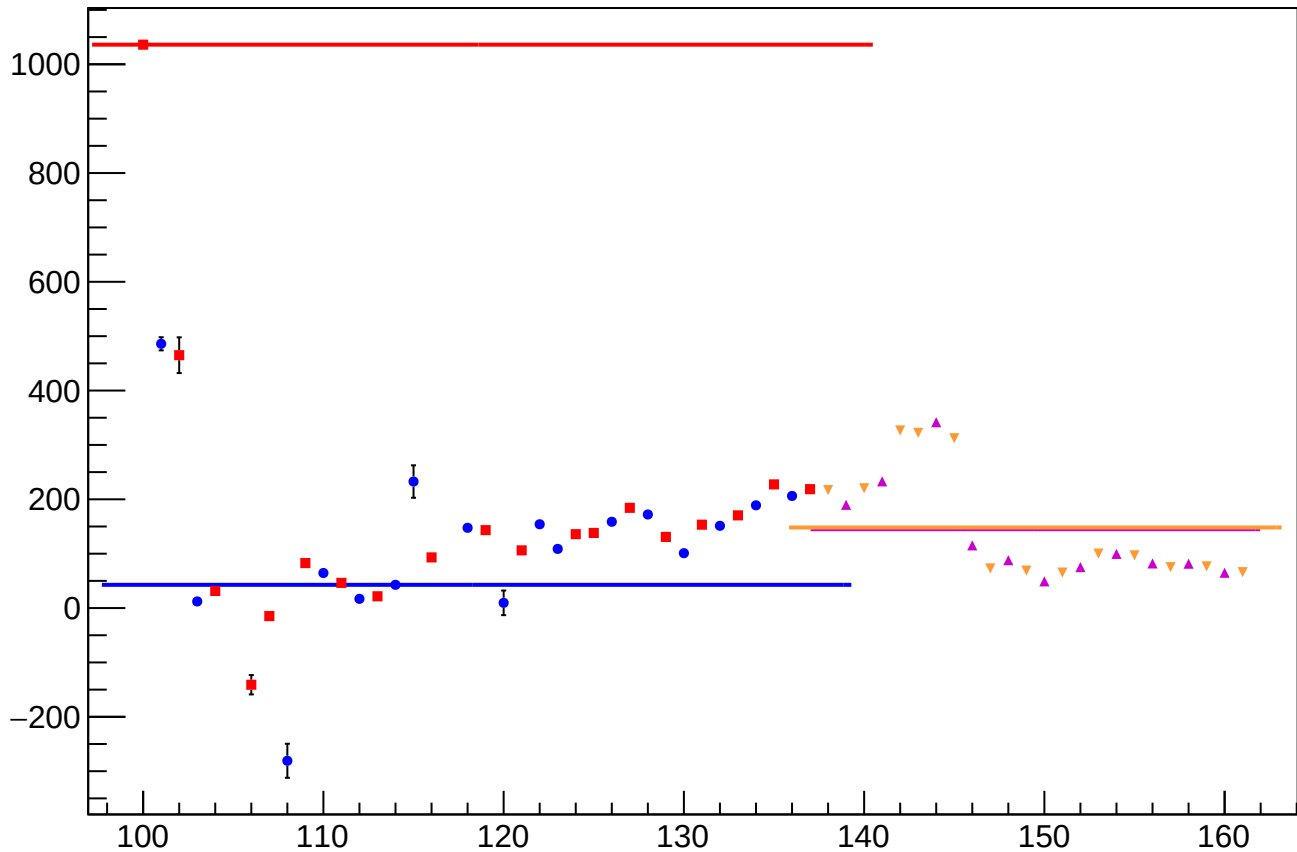
Left In: -191.826 $\pm$ 0.356 χ^2 /NDF: 56005.8/10

+ sign -73.485 $\pm$ 0.000 χ^2 /NDF: 303554.0/29

All: -73.485 $\pm$ 0.000 χ^2 /NDF: 7273528.9/59

- sign -444.447 $\pm$ 0.210 χ^2 /NDF: 3862403.2/29

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 148.200+/-0.326 χ^2/NDF : 78462.1/12

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

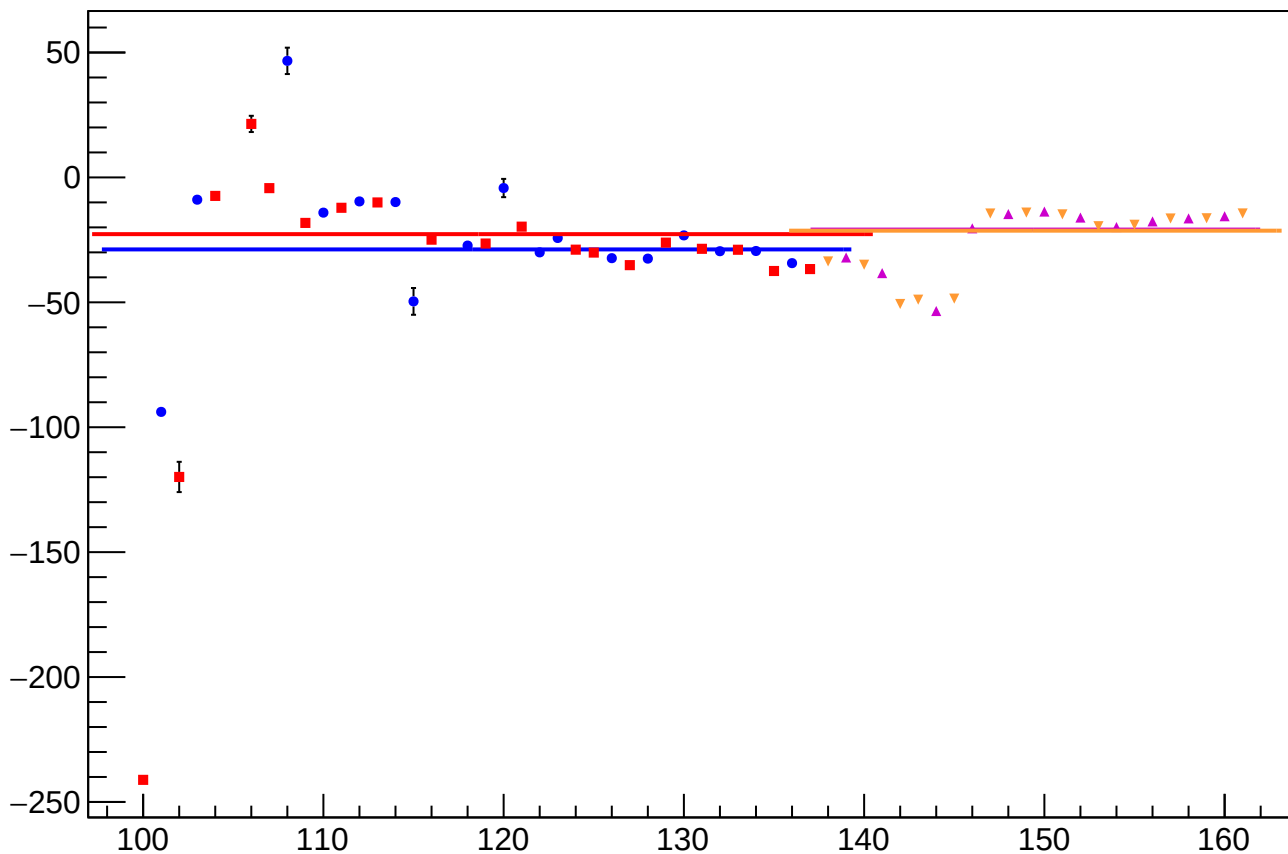
Left In: 145.032+/-0.364 χ^2/NDF : 65359.5/10

+ sign 42.743+/-0.000 χ^2/NDF : 267772.6/29

All: 43.272+/-0.000 χ^2/NDF : 1144517497260

- sign 1036.068+/-0.000 χ^2/NDF : 10999465.1/29

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -21.318 ± 0.016 $\chi^2/\text{NDF}: 344135.1/12$

Right Out: -22.707 ± 0.038 $\chi^2/\text{NDF}: 410174.9/18$

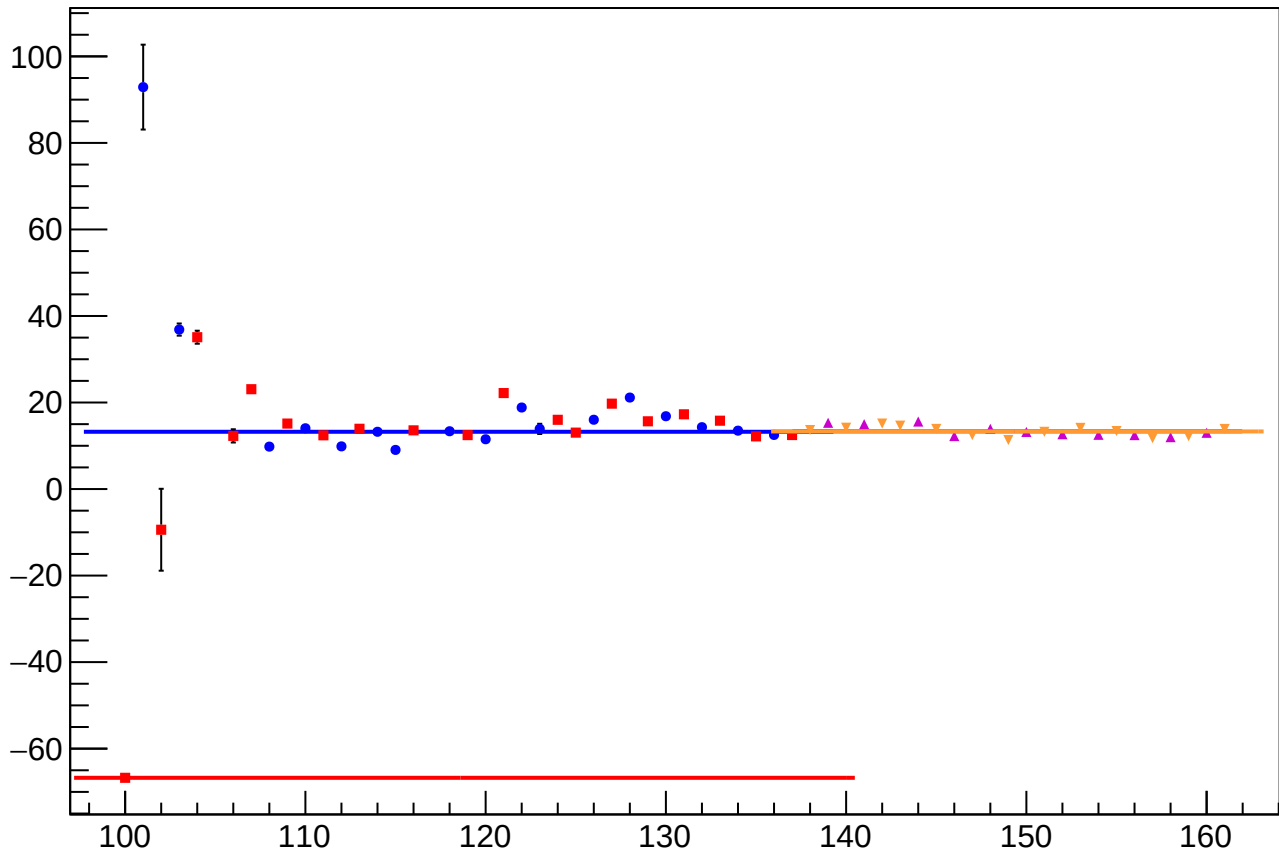
Left In: -20.881 ± 0.020 $\chi^2/\text{NDF}: 187232.8/10$

+ sign -22.624 ± 0.014 $\chi^2/\text{NDF}: 432184.3/29$

All: -22.095 ± 0.011 $\chi^2/\text{NDF}: 1034747.7/59$

- sign -21.286 ± 0.018 $\chi^2/\text{NDF}: 599196.8/29$

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 13.313+/-0.016 χ^2/NDF : 3827.2/12

Right Out: -66.739+/-0.000 χ^2/NDF : 3023648.4/18

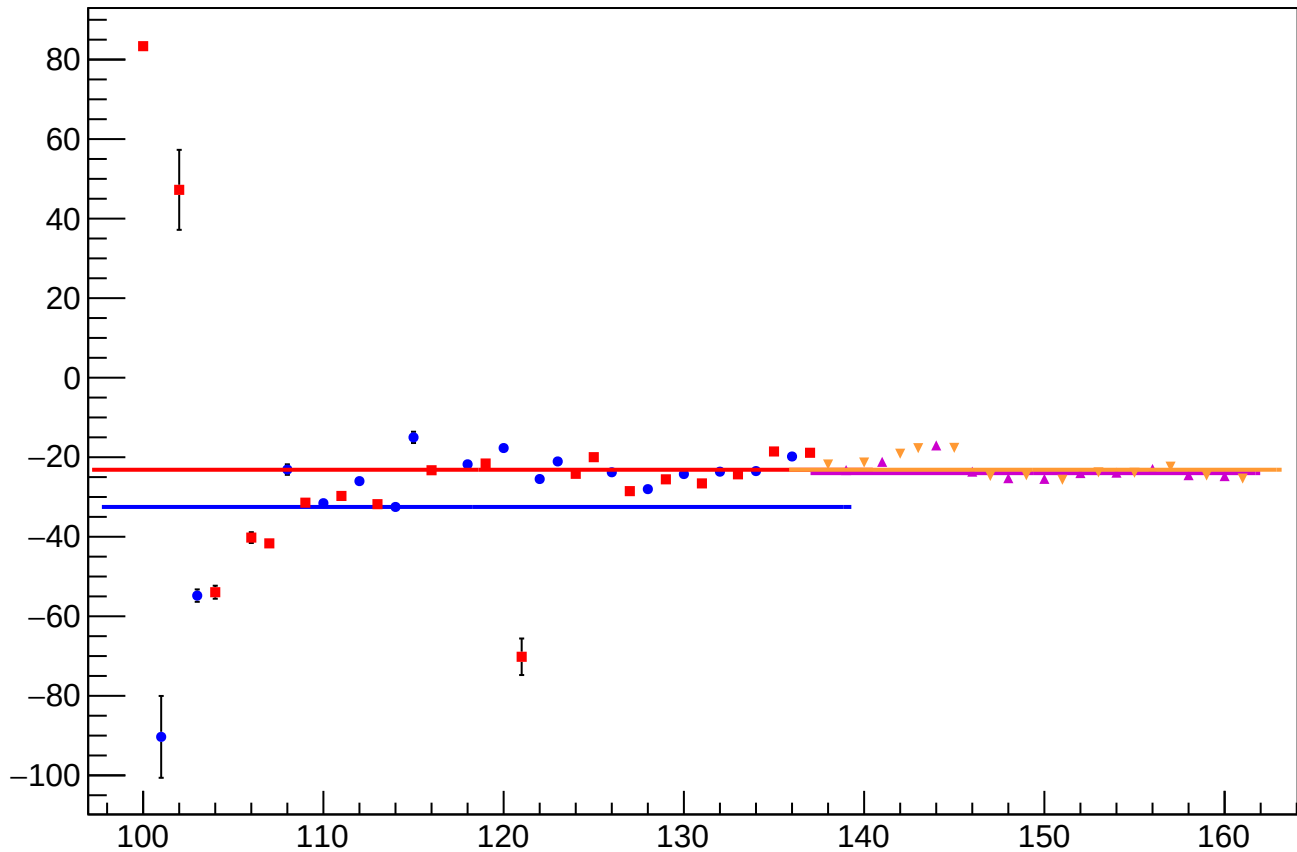
Left In: 13.336+/-0.017 χ^2/NDF : 4408.1/10

+ sign 13.238+/-0.000 χ^2/NDF : 9605.0/29

All: 12.562+/-0.000 χ^2/NDF : 1884310027651

- sign -66.739+/-0.000 χ^2/NDF : 24288137.0/29

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -23.144 ± 0.022 χ^2/NDF : 12200.9/12

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

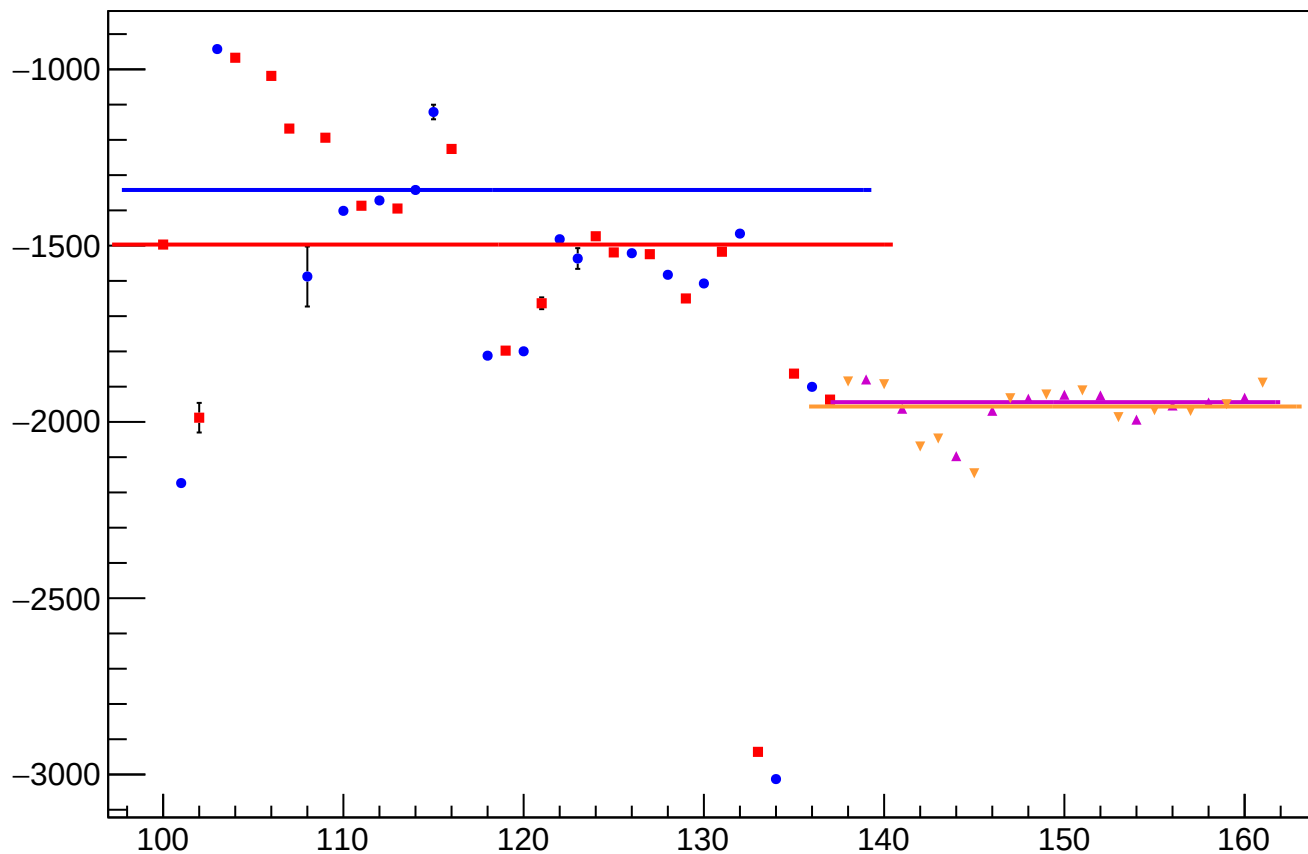
Left In: -24.005 ± 0.020 χ^2/NDF : 6127.3/10

+ sign -32.504 ± 0.000 χ^2/NDF : 262226.9/29

All: -32.504 ± 0.000 χ^2/NDF : 579198.3/59

- sign -23.877 ± 0.018 χ^2/NDF : 97150.0/29

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 $\pm$ 0.000 χ^2 /NDF: 370901.4/16

Left Out: -1956.304 $\pm$ 0.443 χ^2 /NDF:15077.0/12

Right Out: -1496.932 $\pm$ 0.000 χ^2 /NDF: 504712.5/18

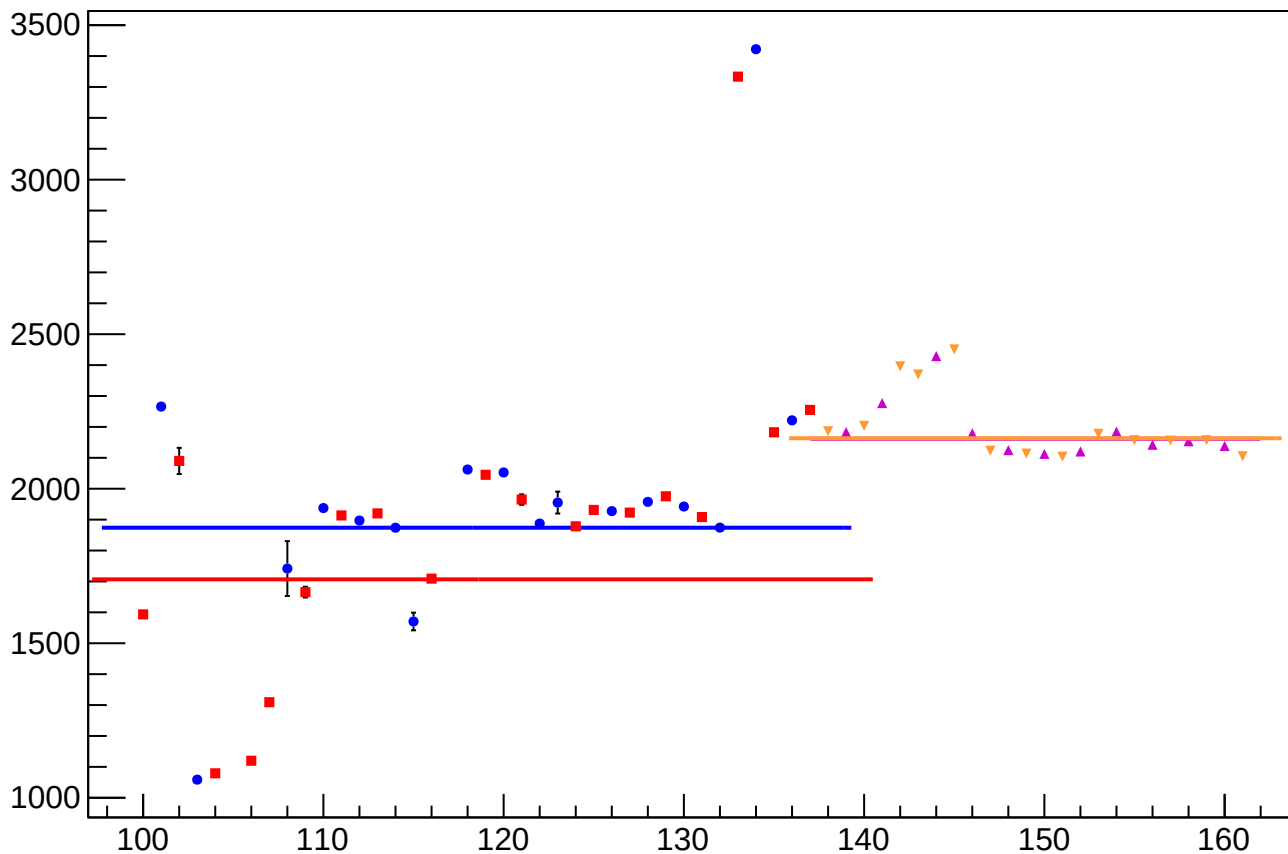
Left In: -1943.933 $\pm$ 0.353 χ^2 /NDF:15866.6/10

+ sign -1342.107 $\pm$ 0.000 χ^2 /NDF: 2305497.9/29

All: -1396.751 $\pm$ 0.000 χ^2 /NDF: 1800086126

- sign -1496.932 $\pm$ 0.000 χ^2 /NDF: 2126414.5/29

dit_atr2_4eX_slope vs Slug



Right In: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 201563.9/16$

Left Out: 2163.328 ± 0.445 $\chi^2/\text{NDF}: 28000.4/12$

Right Out: 1706.739 ± 0.302 $\chi^2/\text{NDF}: 837936.9/18$

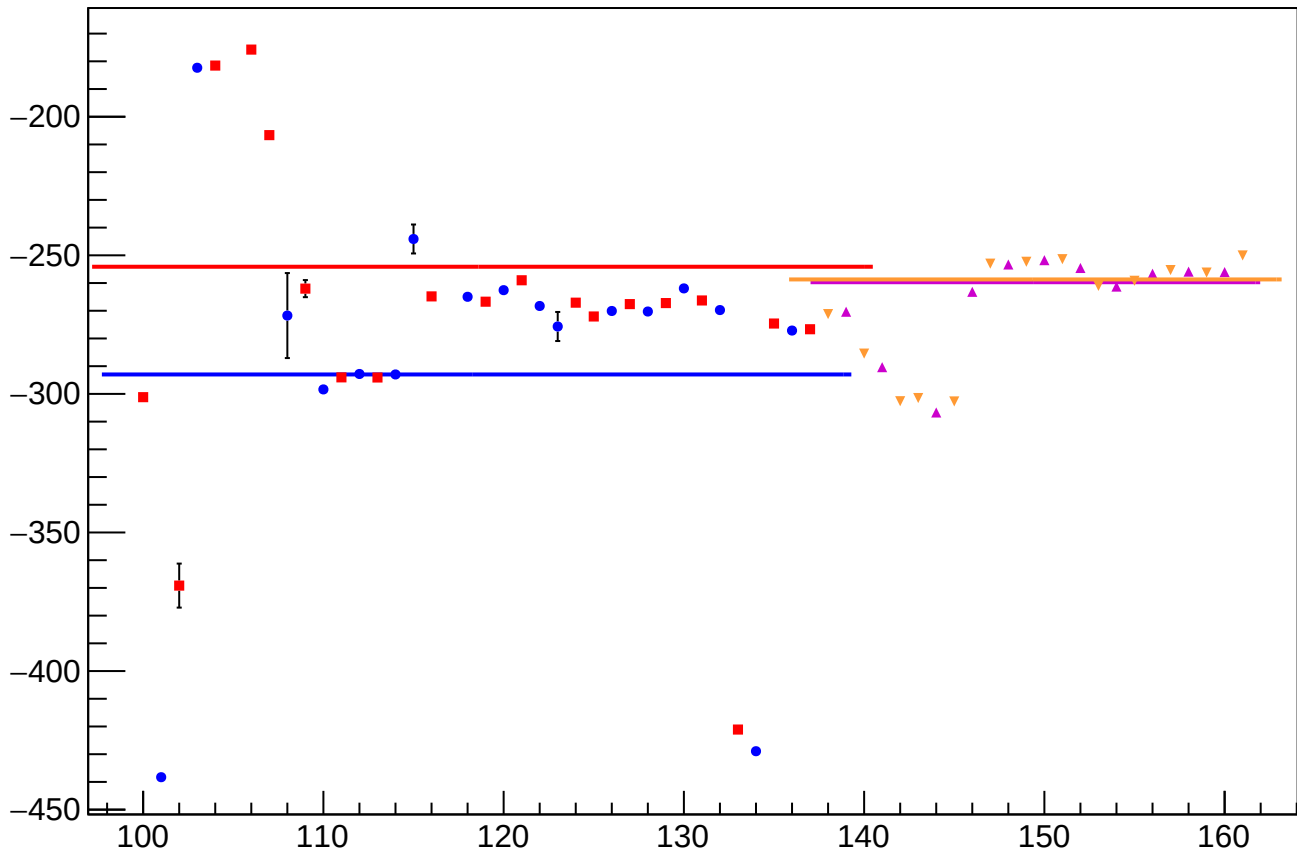
Left In: 2161.712 ± 0.354 $\chi^2/\text{NDF}: 36554.6/10$

+ sign 1873.852 ± 0.000 $\chi^2/\text{NDF}: 652702.0/29$

All: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 2495031.1/59$

- sign 1898.874 ± 0.230 $\chi^2/\text{NDF}: 1830476.5/29$

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 χ^2/NDF : 1015592.4/16

Left Out: -258.699 ± 0.024 χ^2/NDF : 204721.5/12

Right Out: -254.119 ± 0.059 χ^2/NDF : 502658.5/18

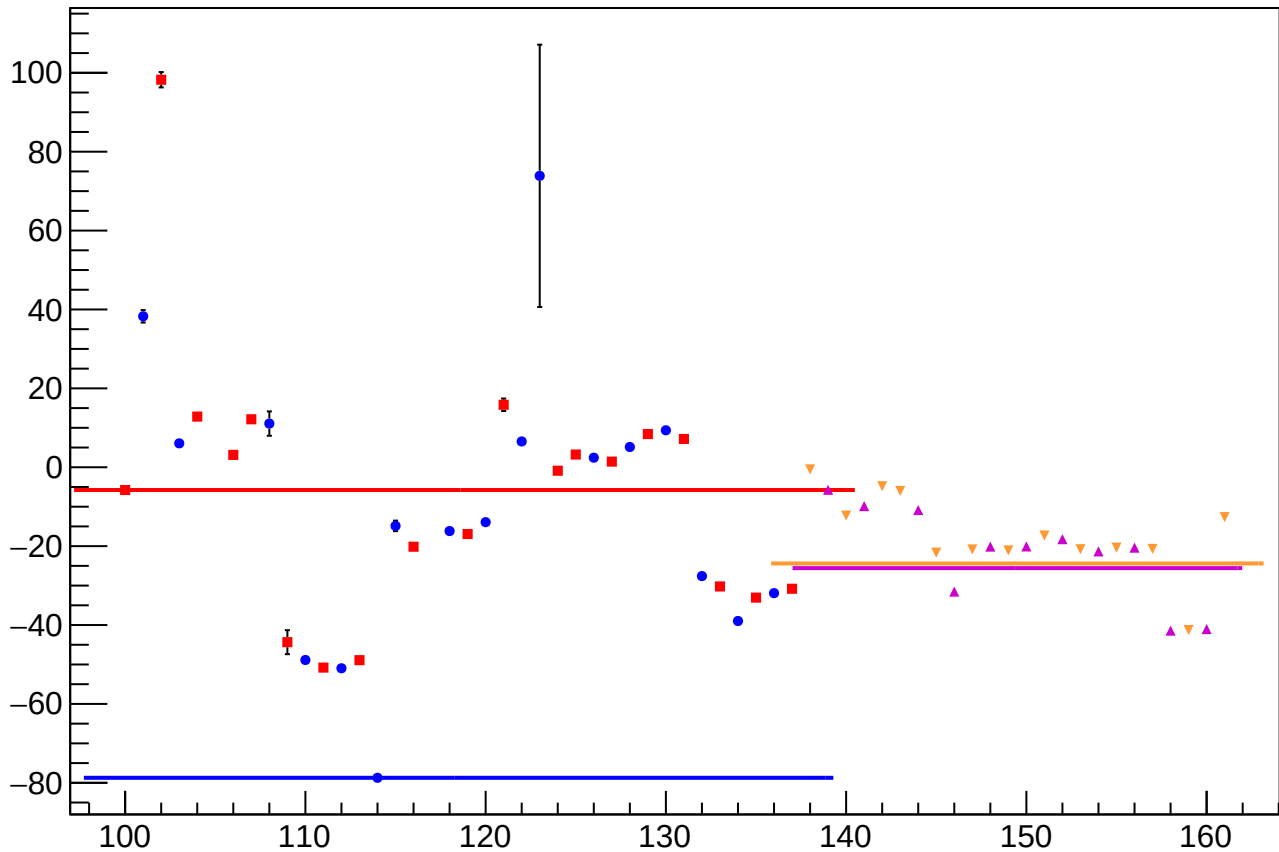
Left In: -259.703 ± 0.021 χ^2/NDF : 240310.3/10

+ sign -292.986 ± 0.000 χ^2/NDF : 3210532.4/29

All: -292.986 ± 0.000 χ^2/NDF : 6846034.3/59

- sign -259.063 ± 0.020 χ^2/NDF : 750902.1/29

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF : 1399088.3/16

Left Out: -24.389+/-0.026 χ^2/NDF : 159472.3/12

Right Out: -5.769+/-0.000 χ^2/NDF : 111570.1/18

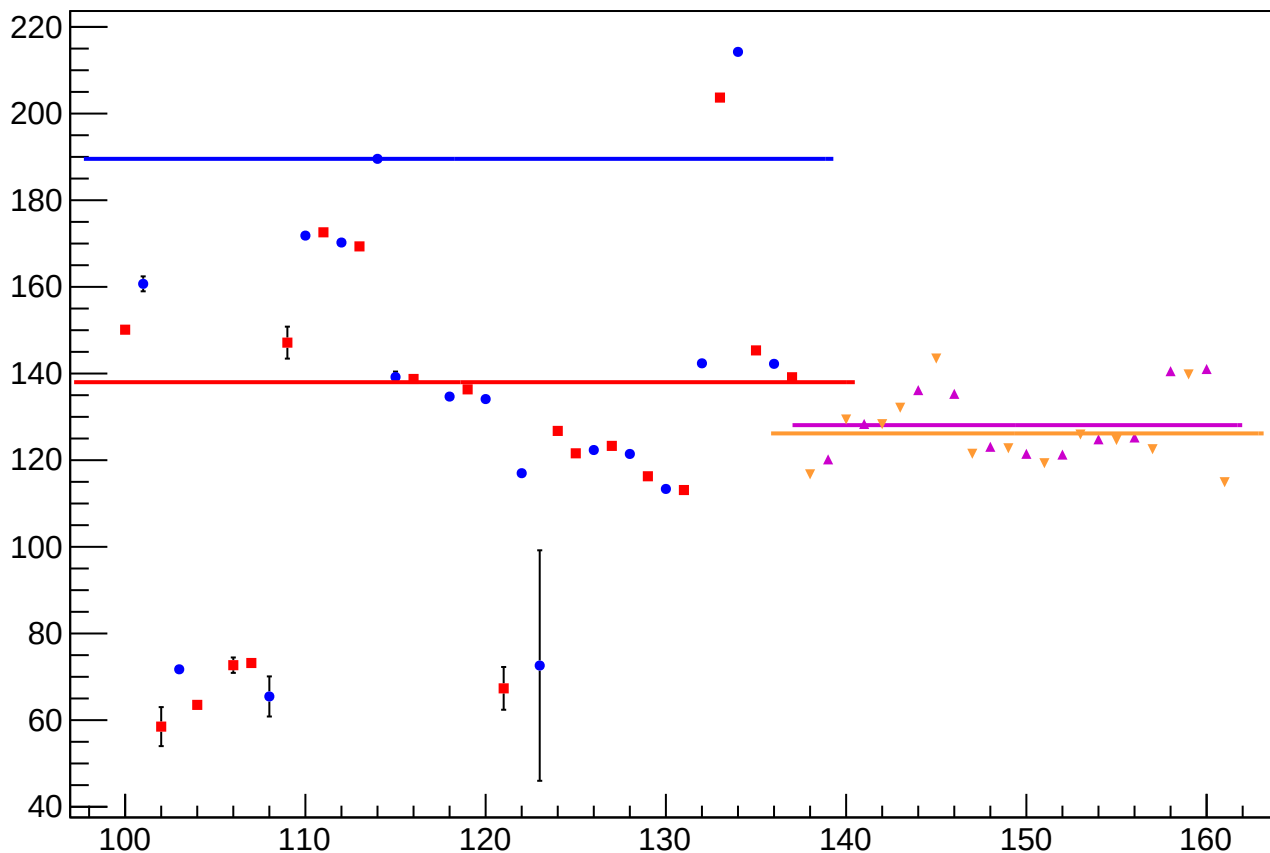
Left In: -25.571+/-0.021 χ^2/NDF : 283864.9/10

+ sign -78.728+/-0.000 χ^2/NDF : 5844337.5/29

All: -6.288+/-0.000 χ^2/NDF : 2878797679293

- sign -5.769+/-0.000 χ^2/NDF : 1294438.5/29

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 927391.8/16

Left Out: 126.177 $\pm$ 0.030 χ^2 /NDF: 47316.1/12

Right Out: 138.002 $\pm$ 0.059 χ^2 /NDF: 117357.8/18

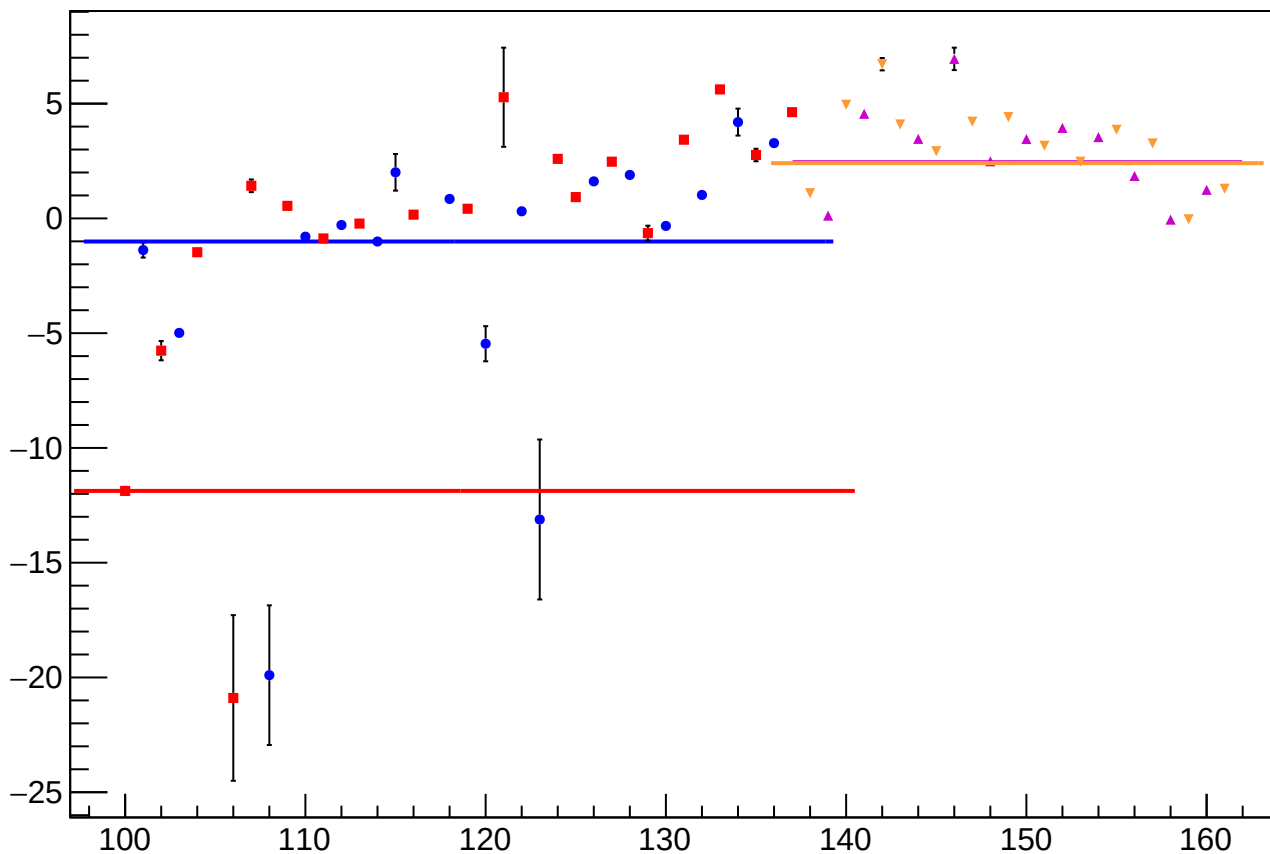
Left In: 128.089 $\pm$ 0.030 χ^2 /NDF: 67179.7/10

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 5356658.2/29

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 10369225.2/59

- sign 130.173 $\pm$ 0.027 χ^2 /NDF: 206783.1/29

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 2.407 ± 0.027 χ^2/NDF : 4866.6/12

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

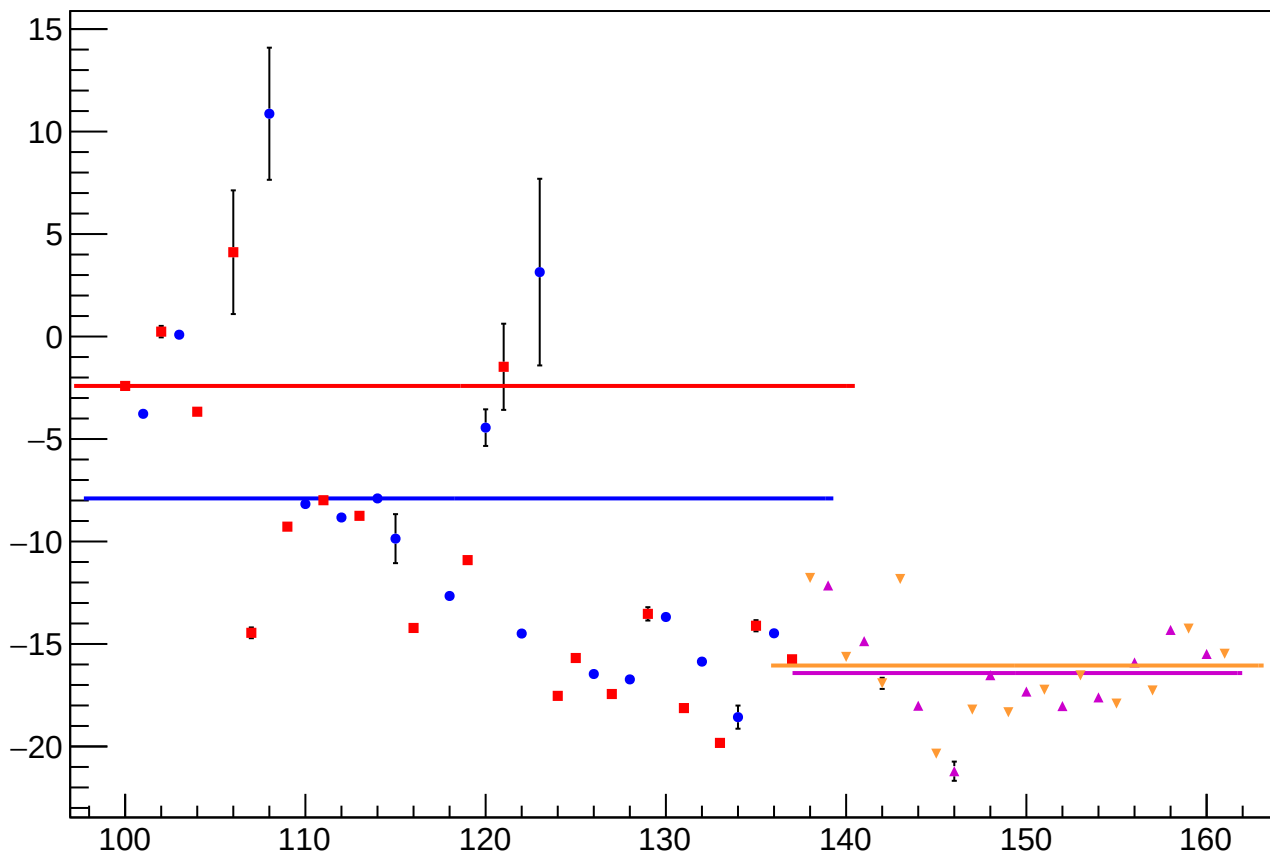
Left In: 2.448 ± 0.020 χ^2/NDF : 6145.9/10

+ sign -1.007 ± 0.000 χ^2/NDF : 28183.4/29

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 1035479.7/29

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.051 ± 0.027 χ^2/NDF : 6009.9/12

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

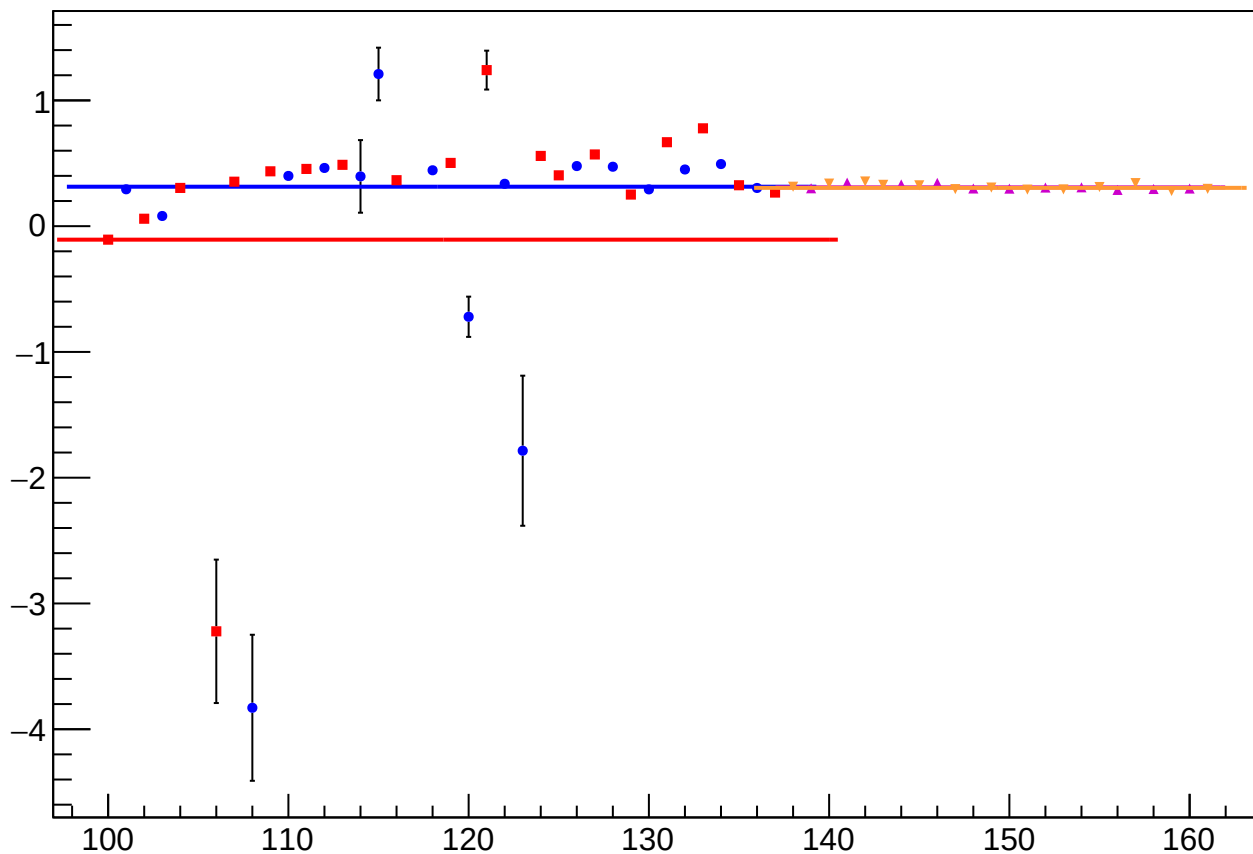
Left In: -16.418 ± 0.021 χ^2/NDF : 5069.8/10

+ sign -7.899 ± 0.000 χ^2/NDF : 139827.9/29

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 663122.5/29

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.305 ± 0.000 χ^2/NDF : 3080.3/12

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

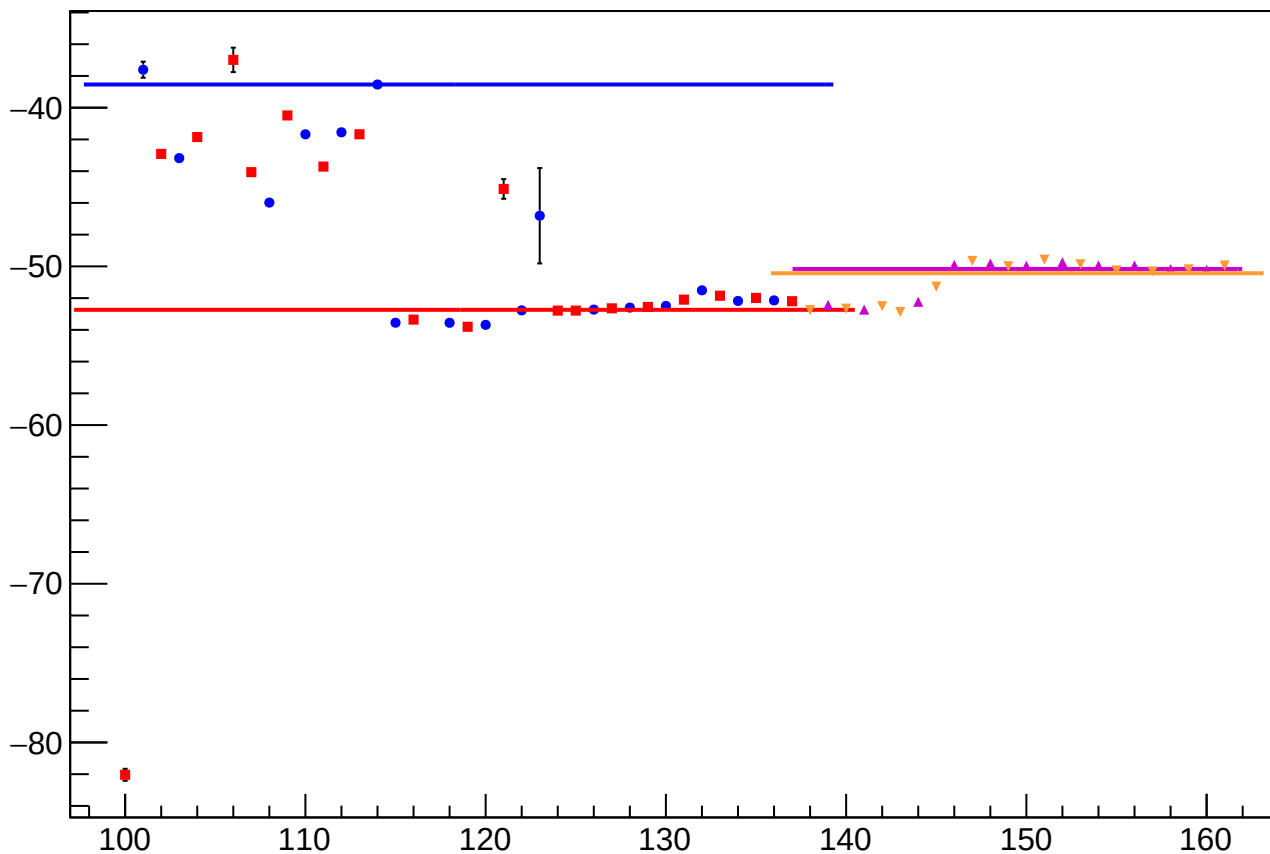
Left In: 0.309 ± 0.000 χ^2/NDF : 2078.9/10

+ sign 0.306 ± 0.000 χ^2/NDF : 5905.5/29

All: -0.107 ± 0.000 χ^2/NDF : 3517788.7/59

- sign -0.107 ± 0.000 χ^2/NDF : 1916379.7/29

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 14950854.6/16

Left Out: -50.432 ± 0.002 χ^2/NDF : 238084.5/12

Right Out: -52.737 ± 0.002 χ^2/NDF : 87430.2/18

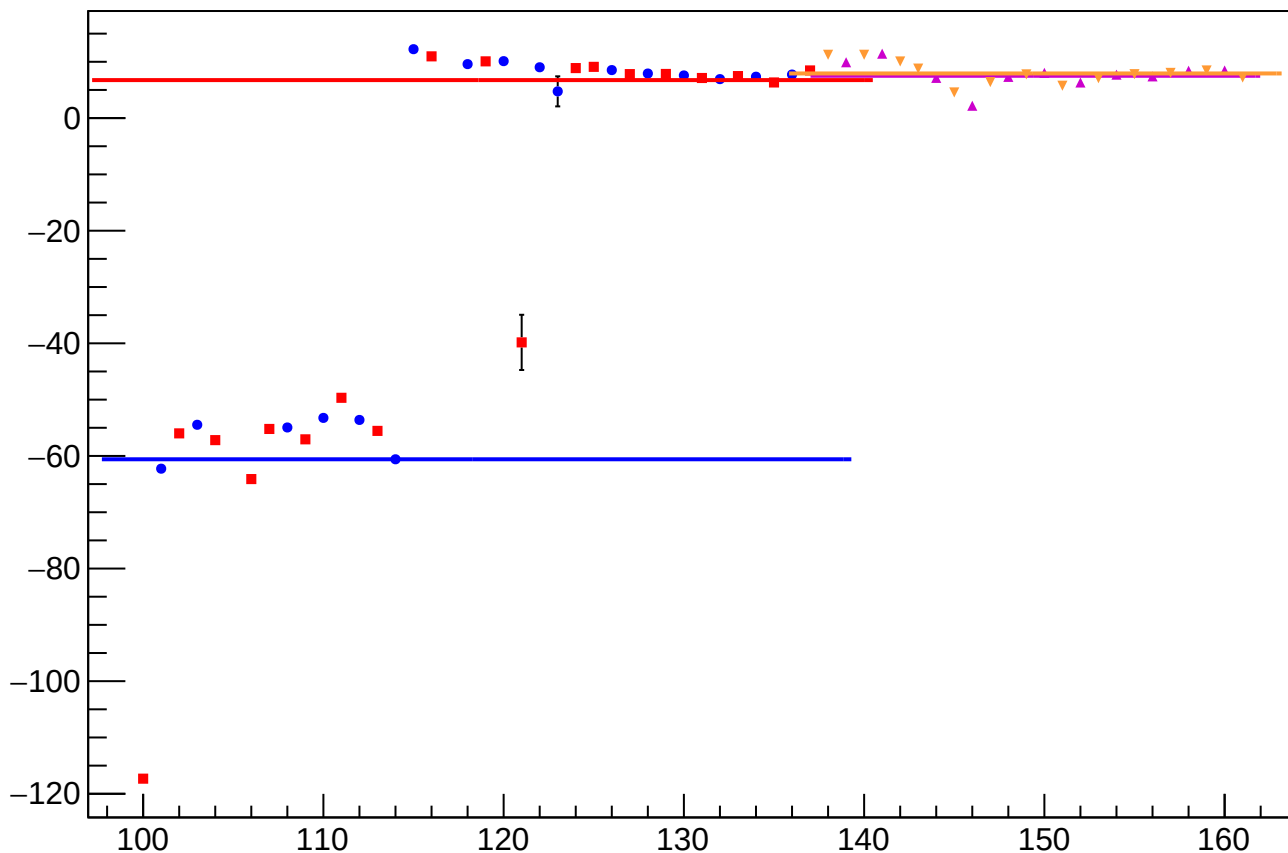
Left In: -50.162 ± 0.002 χ^2/NDF : 153739.7/10

+ sign -38.539 ± 0.000 χ^2/NDF : 46140942.8/29

All: -38.539 ± 0.000 χ^2/NDF : 151629339.5/5

- sign -51.301 ± 0.001 χ^2/NDF : 1287232.7/29

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26122838.1/16

Left Out: 7.928 ± 0.005 χ^2/NDF : 74665.4/12

Right Out: 6.748 ± 0.011 χ^2/NDF : 1266598.3/18

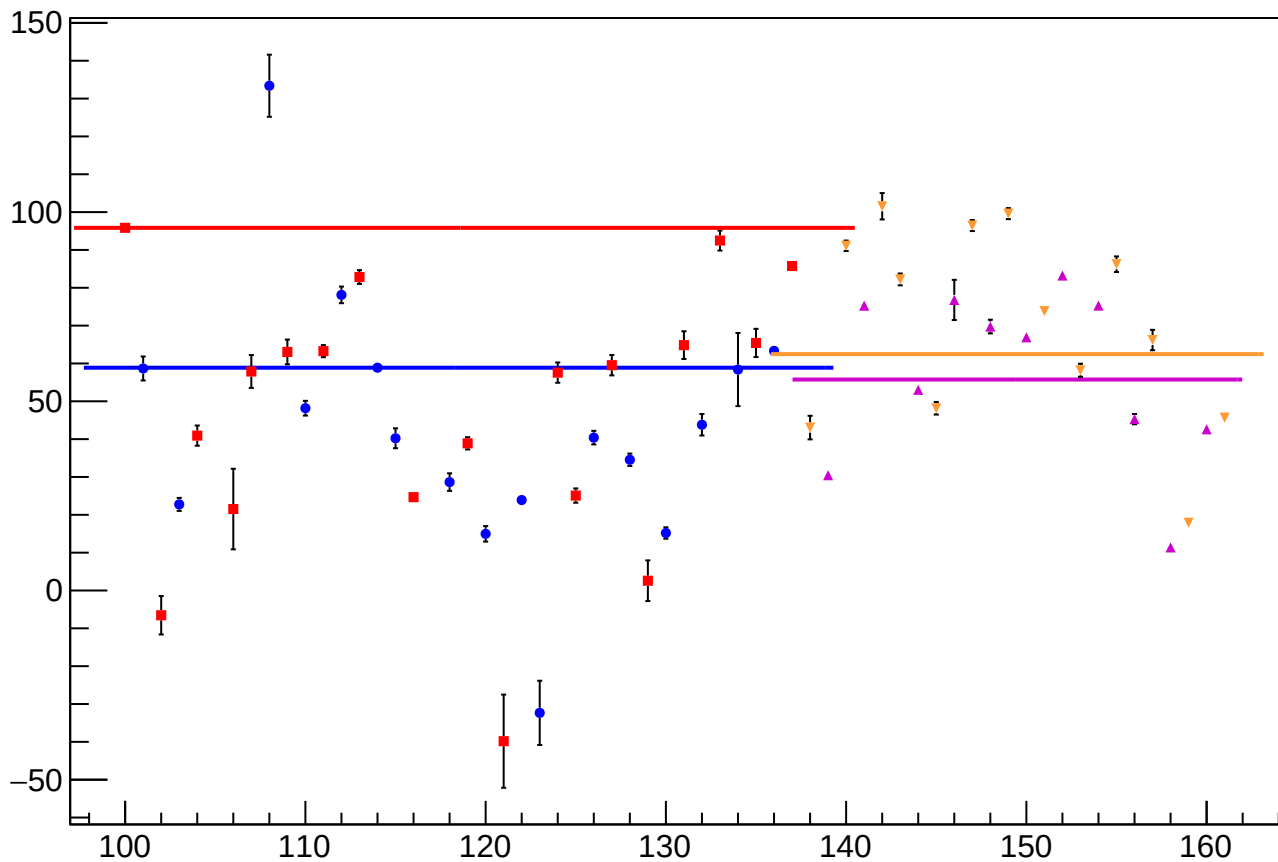
Left In: 7.517 ± 0.004 χ^2/NDF : 114072.4/10

+ sign -60.594 ± 0.000 χ^2/NDF : 244340682.0/29

All: -60.594 ± 0.000 χ^2/NDF : 611748244.7/5

- sign 7.437 ± 0.004 χ^2/NDF : 1385029.9/29

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF : 3814.7/16

Left Out: 62.474+/-0.423 χ^2/NDF : 4865.0/12

Right Out: 95.846+/-0.000 χ^2/NDF : 39385.0/18

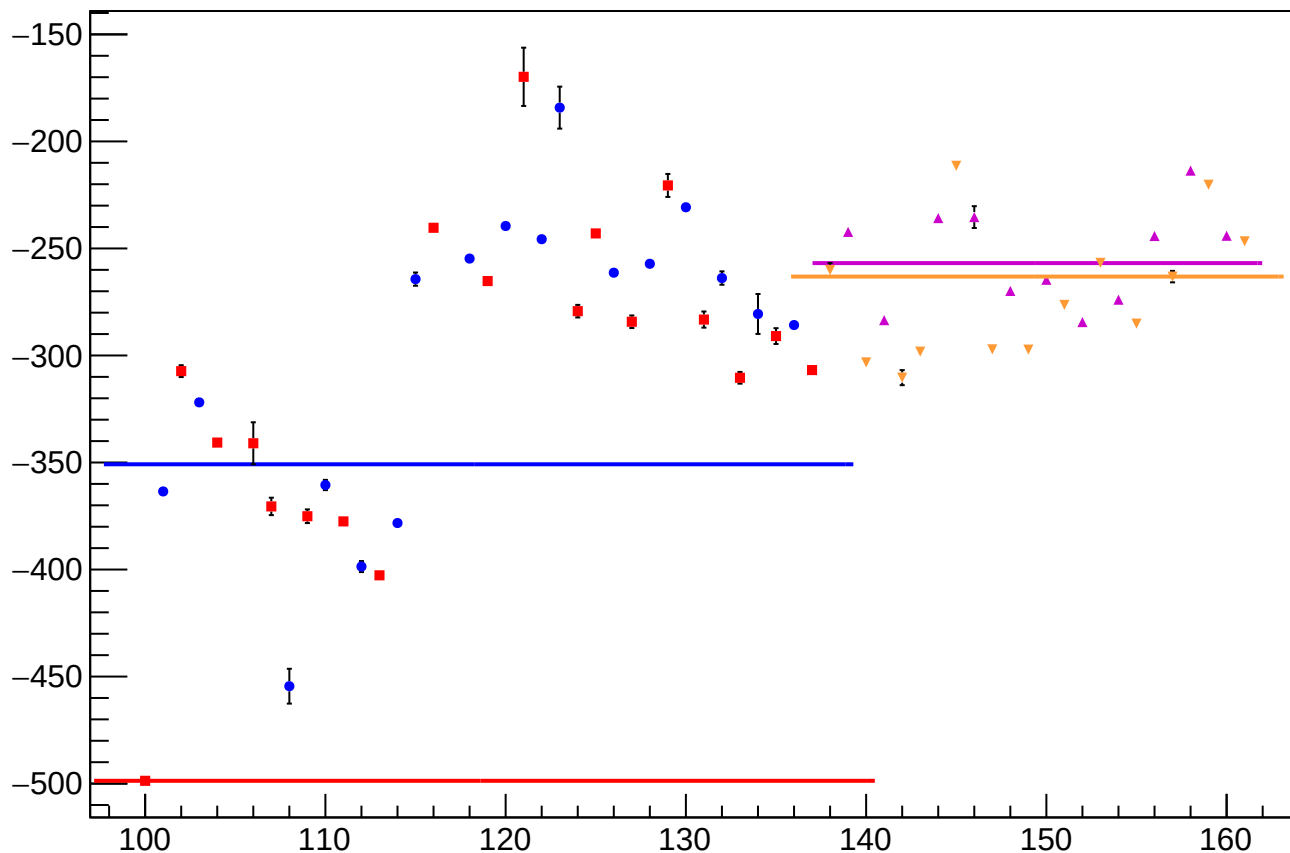
Left In: 55.753+/-0.326 χ^2/NDF : 4573.8/10

+ sign 58.880+/-0.000 χ^2/NDF : 8751.9/29

All: 60.098+/-0.000 χ^2/NDF : 981523394566

- sign 95.846+/-0.000 χ^2/NDF : 59099.3/29

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF : 41301.1/16

Left Out: -263.140+/-0.417 χ^2/NDF : 6471.6/12

Right Out: -498.692+/-0.000 χ^2/NDF : 511870.8/18

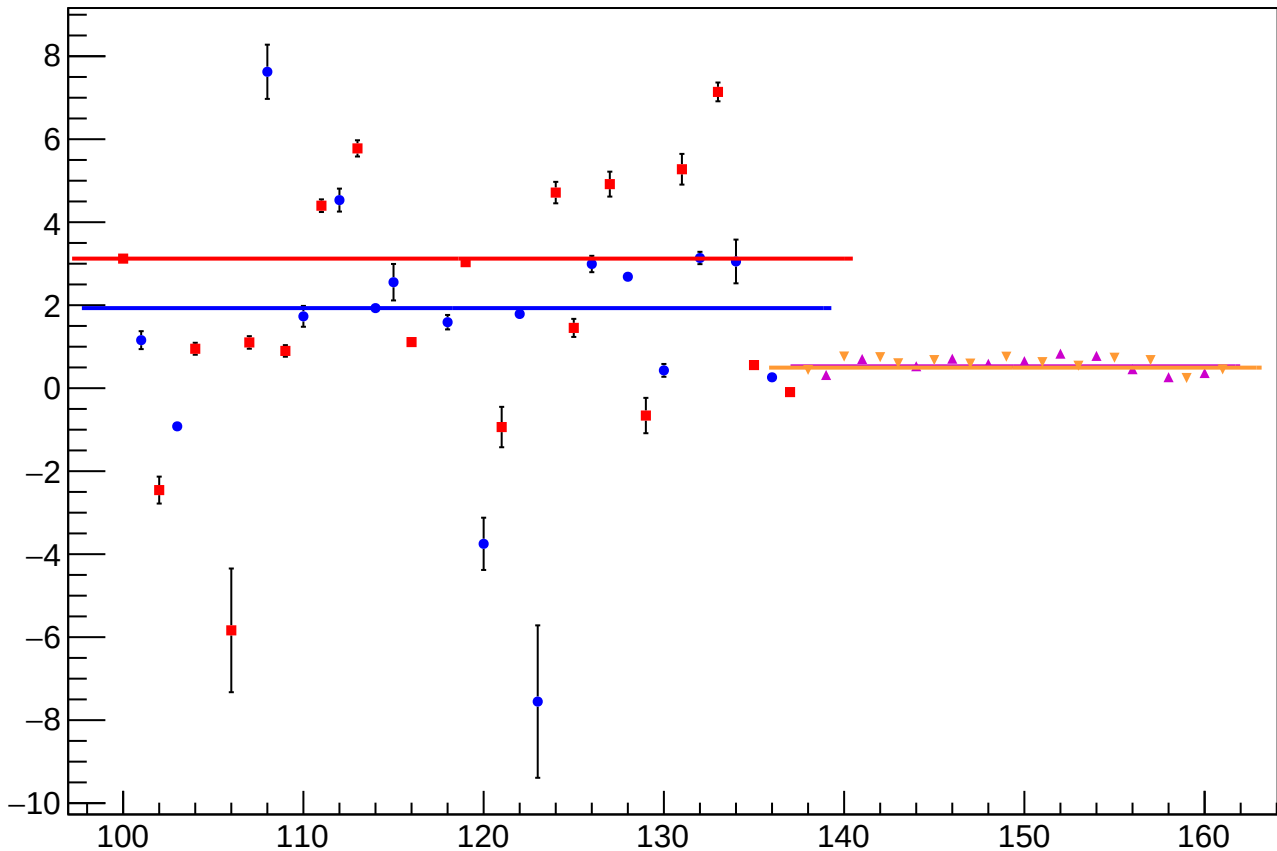
Left In: -256.841+/-0.329 χ^2/NDF : 4178.6/10

+ sign -328.395+/-0.211 χ^2/NDF : 80679.0/29

All: -498.692+/-0.000 χ^2/NDF : 1787340.7/59

- sign -498.692+/-0.000 χ^2/NDF : 1054897.2/29

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.496 ± 0.002 χ^2/NDF : 7239.0/12

Right Out: 3.123 ± 0.000 χ^2/NDF : 512565.5/18

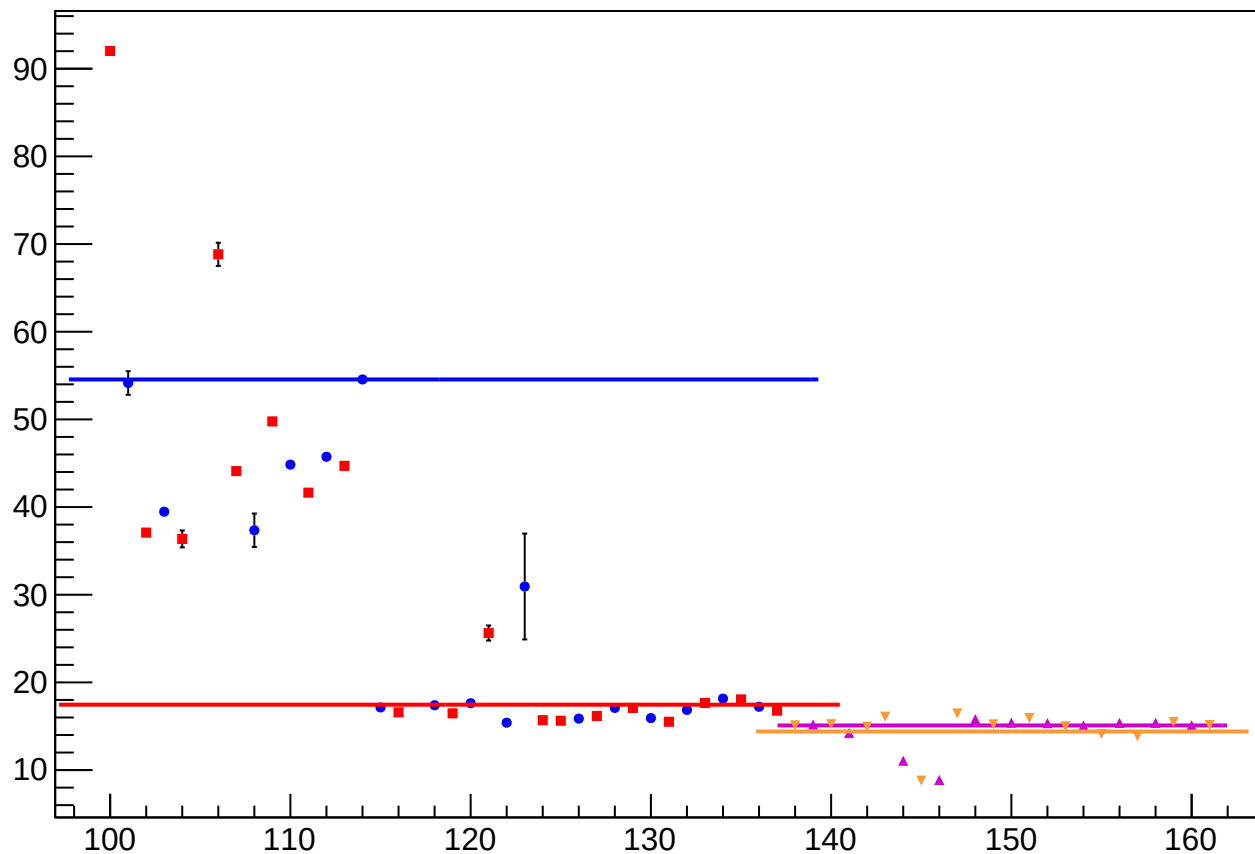
Left In: 0.527 ± 0.002 χ^2/NDF : 11454.1/10

+ sign 1.930 ± 0.000 χ^2/NDF : 416926.4/29

All: 2.073 ± 0.000 χ^2/NDF : 38099534578085

- sign 3.123 ± 0.000 χ^2/NDF : 2086311.1/29

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 14.403+/-0.008 χ^2/NDF : 82103.7/12

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

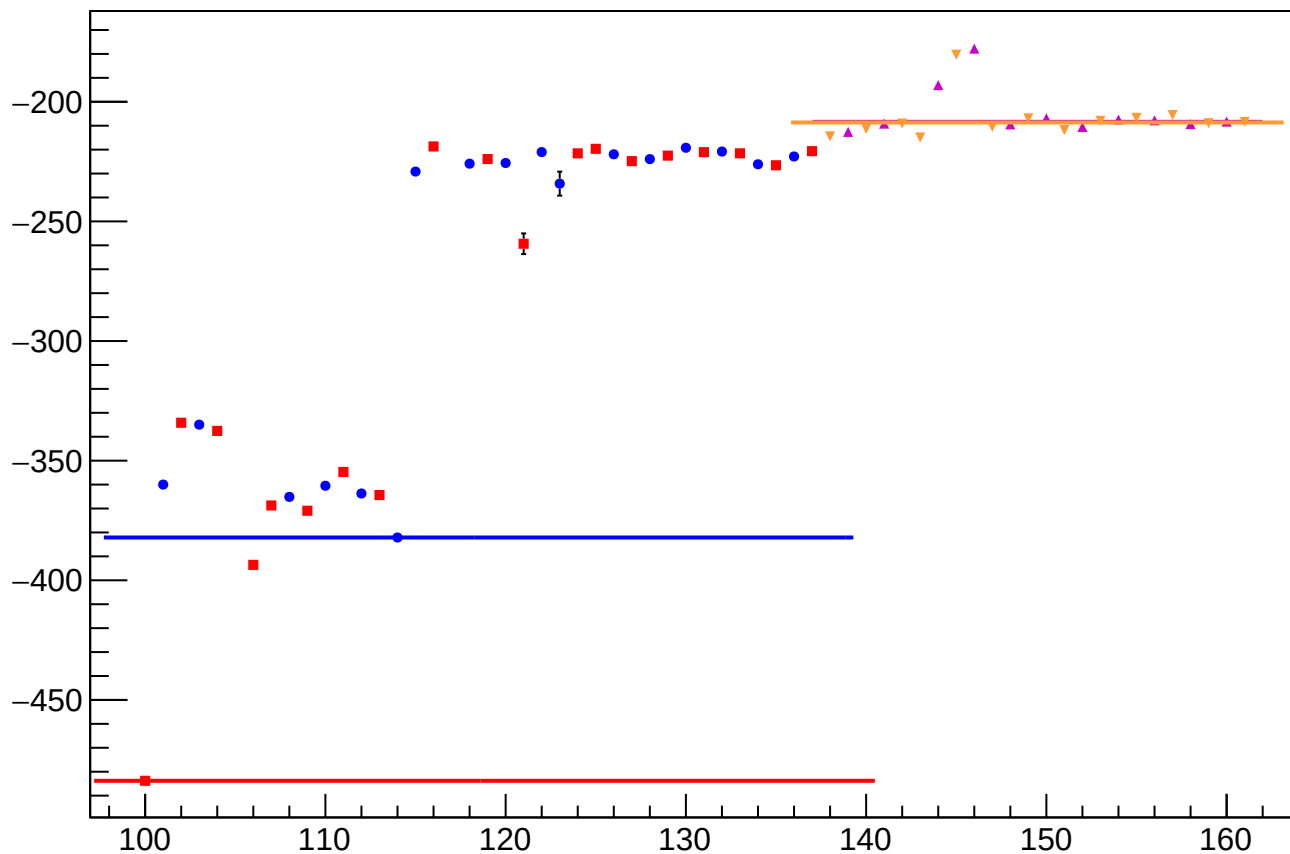
Left In: 15.091+/-0.008 χ^2/NDF : 7922.9/10

+ sign 54.556+/-0.000 χ^2/NDF : 30211556.6/29

All: 54.556+/-0.000 χ^2/NDF : 56674014.1/59

- sign 15.501+/-0.008 χ^2/NDF : 121088.7/29

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 $\chi^2/\text{NDF}: 18398024.3/16$

Left Out: -208.648 ± 0.019 $\chi^2/\text{NDF}: 59951.7/12$

Right Out: -483.800 ± 0.000 $\chi^2/\text{NDF}: 24338683.6/18$

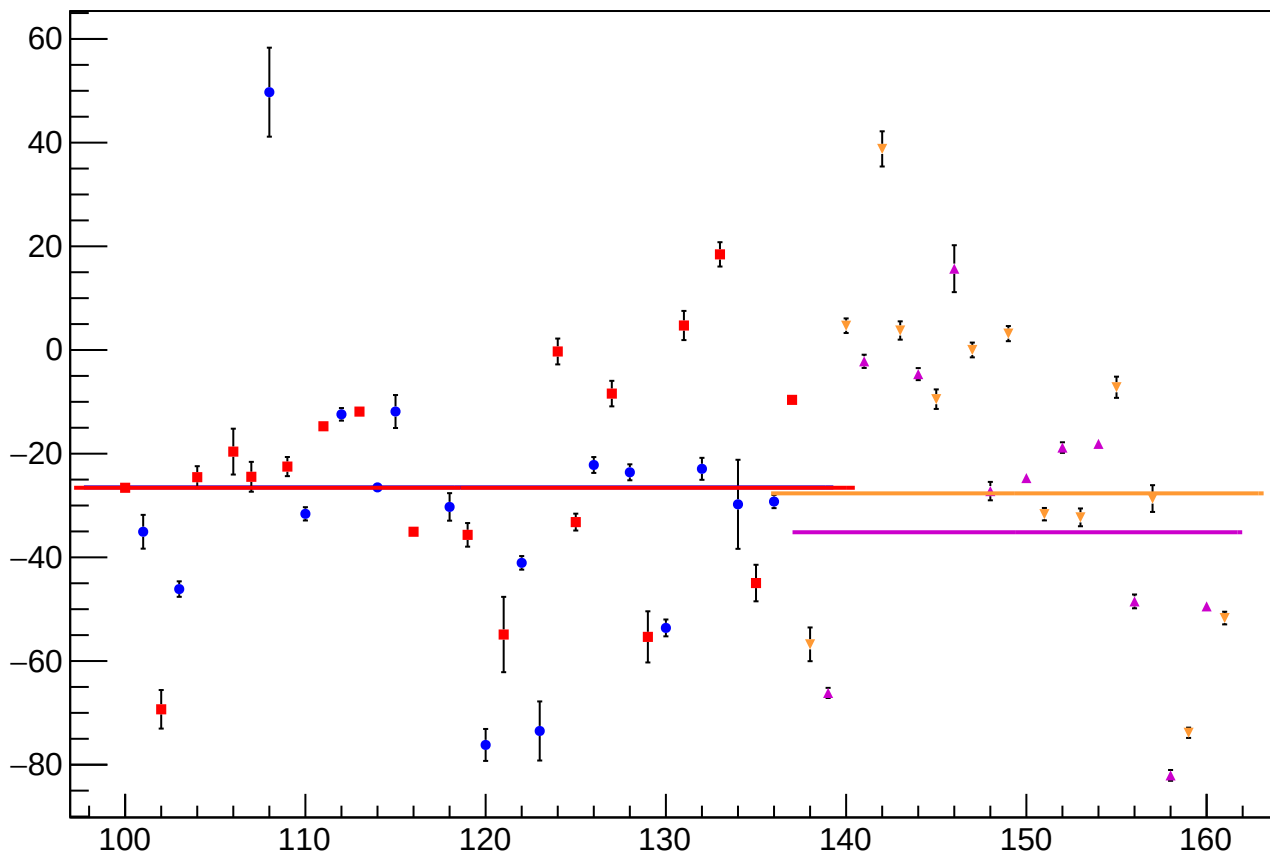
Left In: -208.383 ± 0.019 $\chi^2/\text{NDF}: 13971.6/10$

+ sign -382.108 ± 0.000 $\chi^2/\text{NDF}: 103289499.9/29$

All: -417.999 ± 0.000 $\chi^2/\text{NDF}: 12425488813$

- sign -483.800 ± 0.000 $\chi^2/\text{NDF}: 243630656.7/29$

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -27.656 ± 0.432 χ^2/NDF : 4891.9/12

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

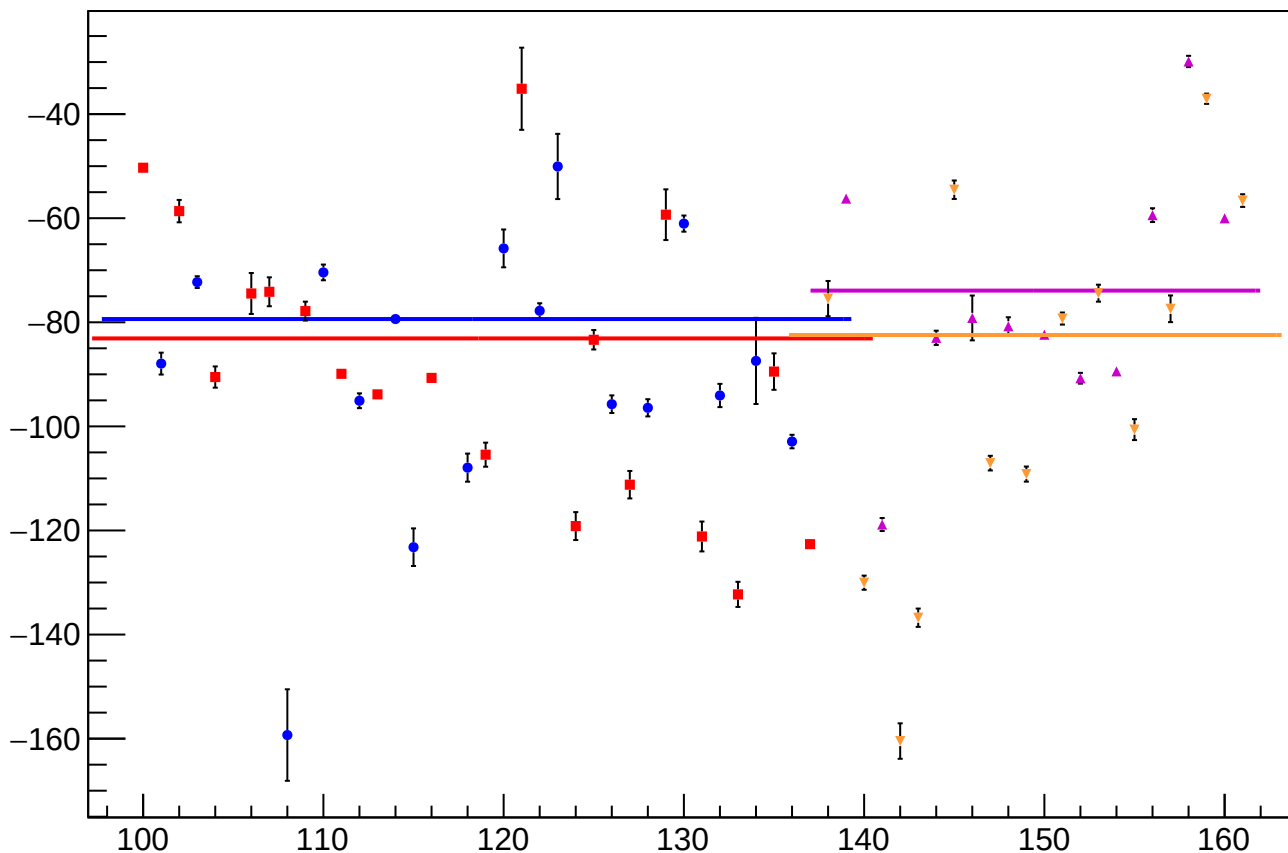
Left In: -35.159 ± 0.331 χ^2/NDF : 5616.0/10

+ sign -26.504 ± 0.000 χ^2/NDF : 6079.7/29

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 8928.8/29

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -82.447 ± 0.424 χ^2/NDF : 6284.3/12

Right Out: -83.099 ± 0.178 χ^2/NDF : 11915.8/18

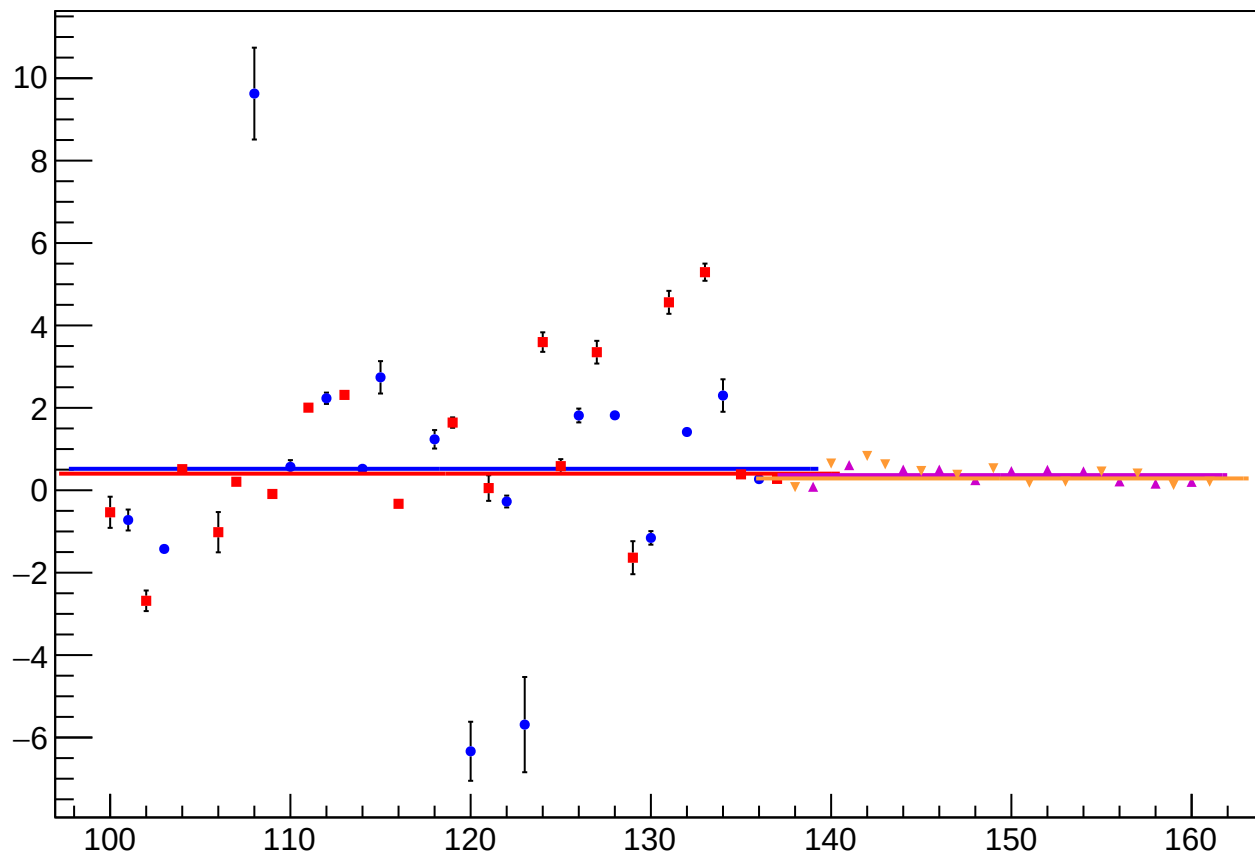
Left In: -73.910 ± 0.327 χ^2/NDF : 4413.0/10

+ sign -79.376 ± 0.000 χ^2/NDF : 7641.4/29

All: -79.376 ± 0.000 χ^2/NDF : 24685.5/59

- sign -80.999 ± 0.156 χ^2/NDF : 16936.7/29

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.287+/-0.003 χ^2/NDF : 5719.5/12

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

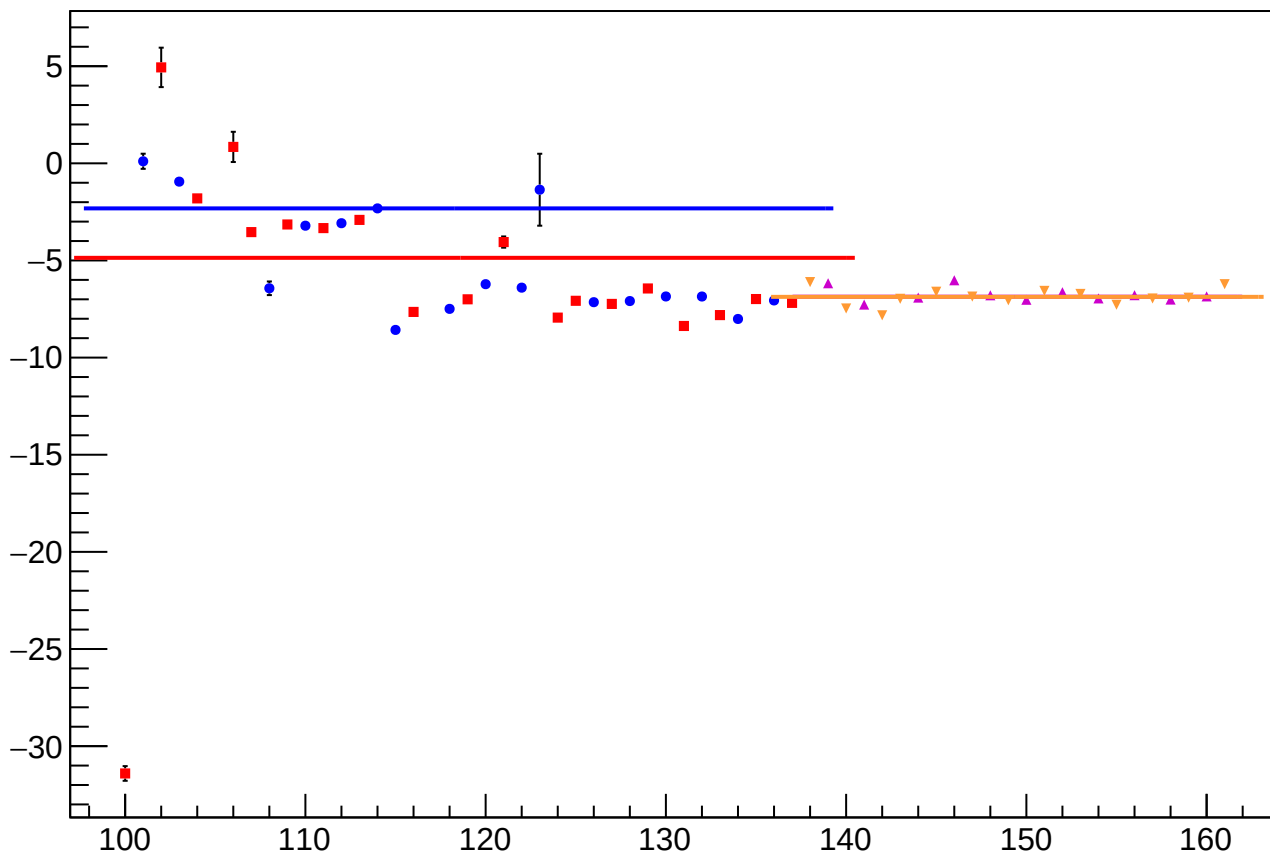
Left In: 0.367+/-0.002 χ^2/NDF : 8292.4/10

+ sign 0.521+/-0.000 χ^2/NDF : 17549.5/29

All: 0.521+/-0.000 χ^2/NDF : 34224.9/59

- sign 0.369+/-0.002 χ^2/NDF : 11030.3/29

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2 /NDF: 270771.9/16

Left Out: -6.873+/-0.003 χ^2 /NDF:3505.2/12

Right Out: -4.864+/-0.010 χ^2 /NDF: 49380.5/18

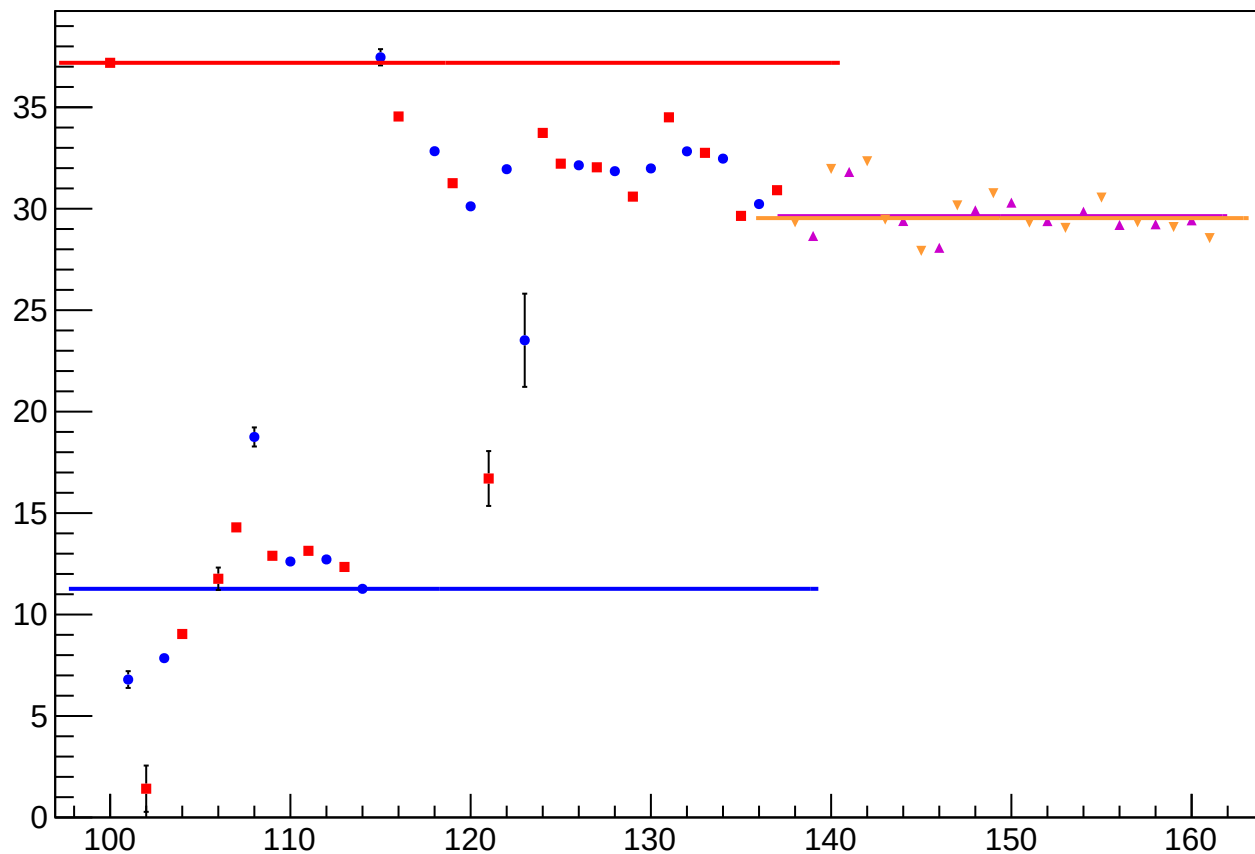
Left In: -6.865+/-0.003 χ^2 /NDF:5101.9/10

+ sign -2.320+/-0.000 χ^2 /NDF: 2254201.8/29

All: -2.320+/-0.000 χ^2 /NDF: 4648545.6/59

- sign -6.708+/-0.003 χ^2 /NDF: 89219.8/29

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.537 $\pm$ 0.012 χ^2 /NDF:6396.8/12

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

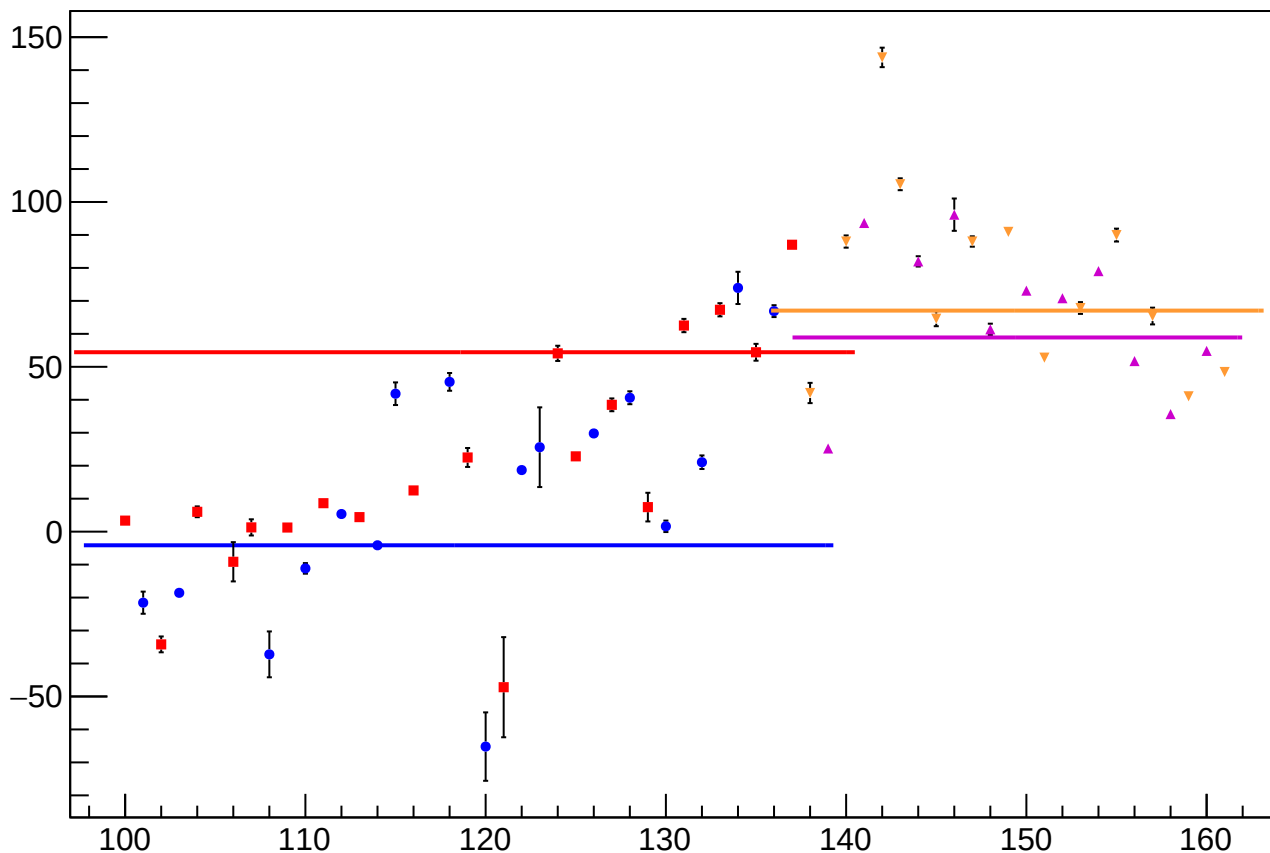
Left In: 29.636 $\pm$ 0.010 χ^2 /NDF:3136.0/10

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 3119334.3/29

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

- sign 37.191 $\pm$ 0.000 χ^2 /NDF: 1662286.9/29

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 67.052 ± 0.444 χ^2/NDF : 2988.7/12

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

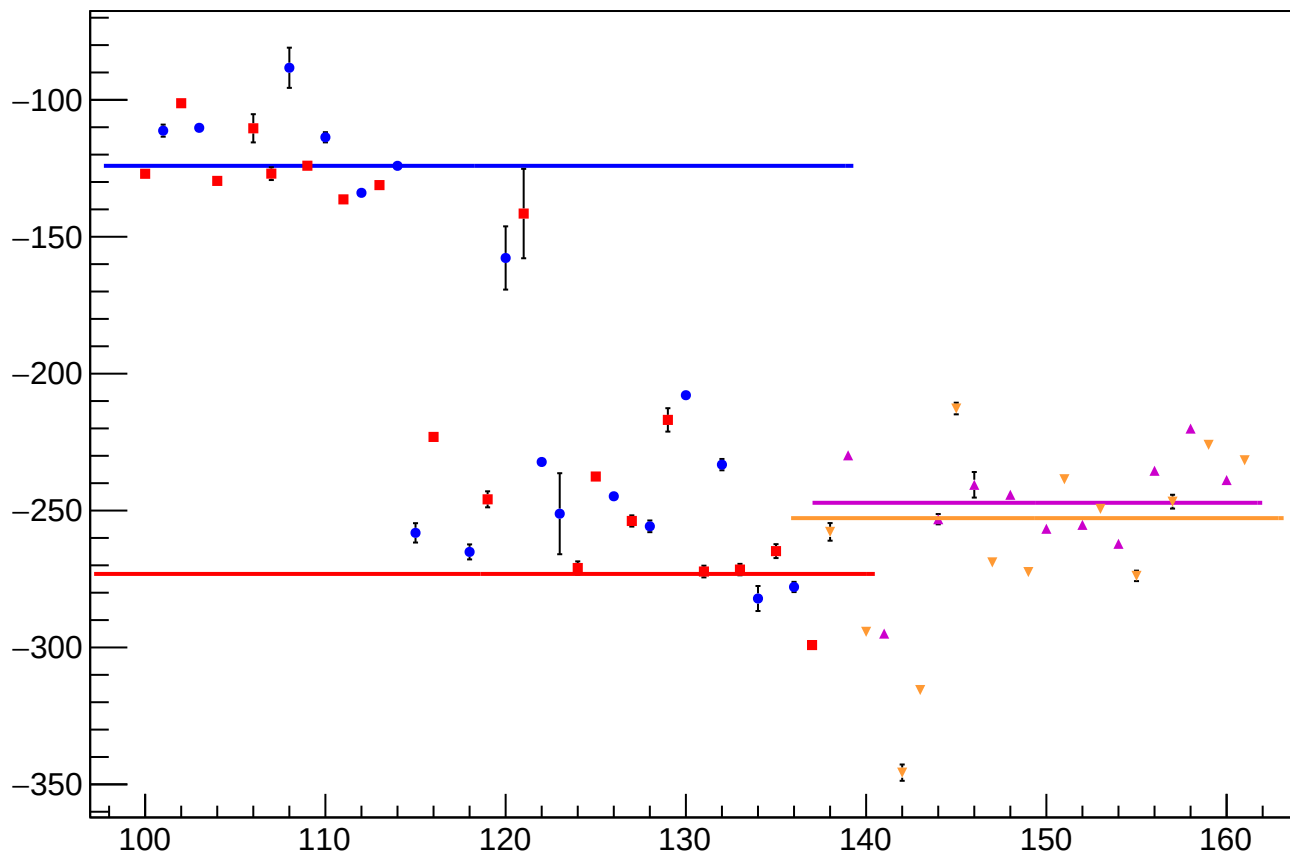
Left In: 58.901 ± 0.328 χ^2/NDF : 4417.2/10

+ sign -4.139 ± 0.000 χ^2/NDF : 33303.6/29

All: -4.139 ± 0.000 χ^2/NDF : 247040.8/59

- sign 55.376 ± 0.151 χ^2/NDF : 58562.5/29

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF : 38152.5/16

Left Out: -252.764+/-0.437 χ^2/NDF : 4695.2/12

Right Out: -273.143+/-0.113 χ^2/NDF : 280141.9/18

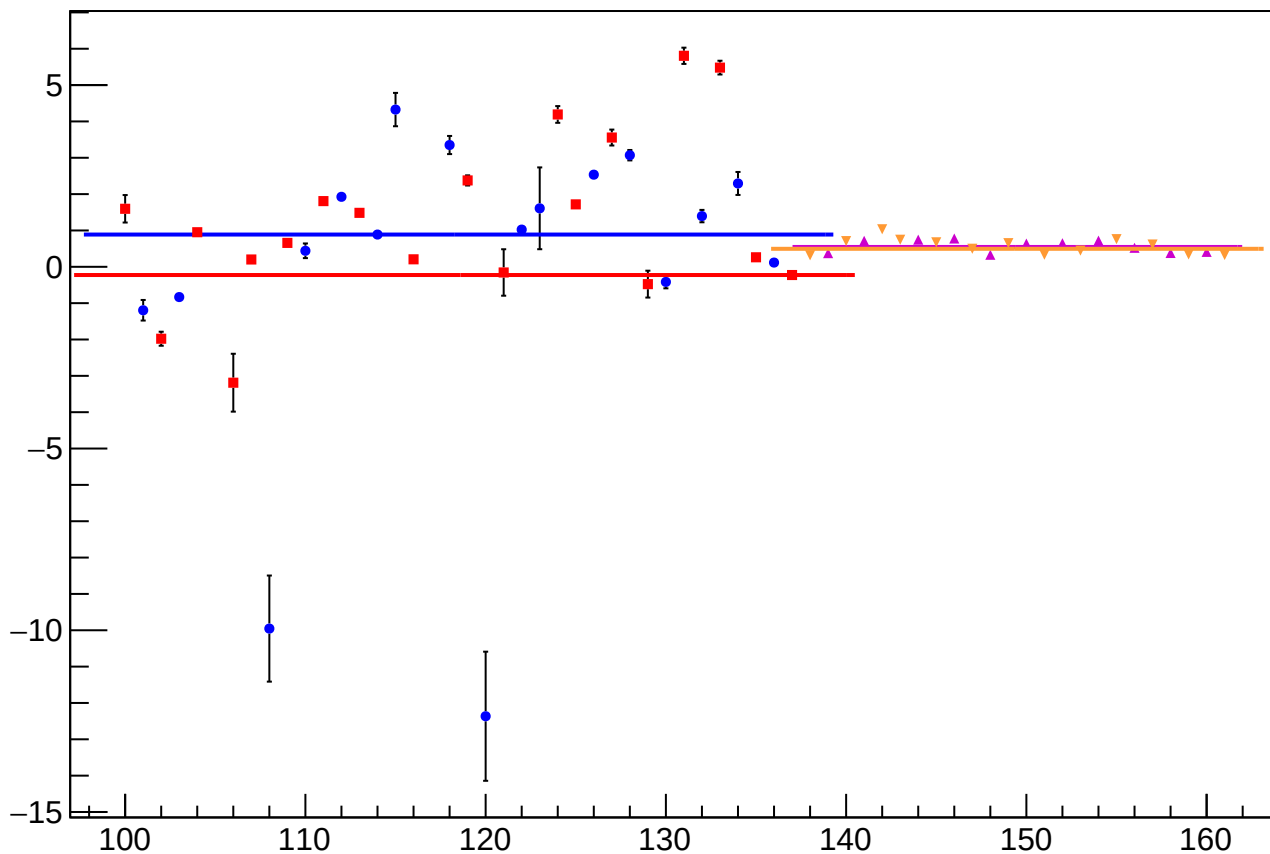
Left In: -247.162+/-0.322 χ^2/NDF : 3219.7/10

+ sign -124.095+/-0.000 χ^2/NDF : 129367.9/29

All: -124.095+/-0.000 χ^2/NDF : 2307315.7/59

- sign -270.306+/-0.106 χ^2/NDF : 289162.5/29

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF : 8672.0/16

Left Out: 0.495+/-0.003 χ^2/NDF : 3550.5/12

Right Out: -0.226+/-0.000 χ^2/NDF : 5031.1/18

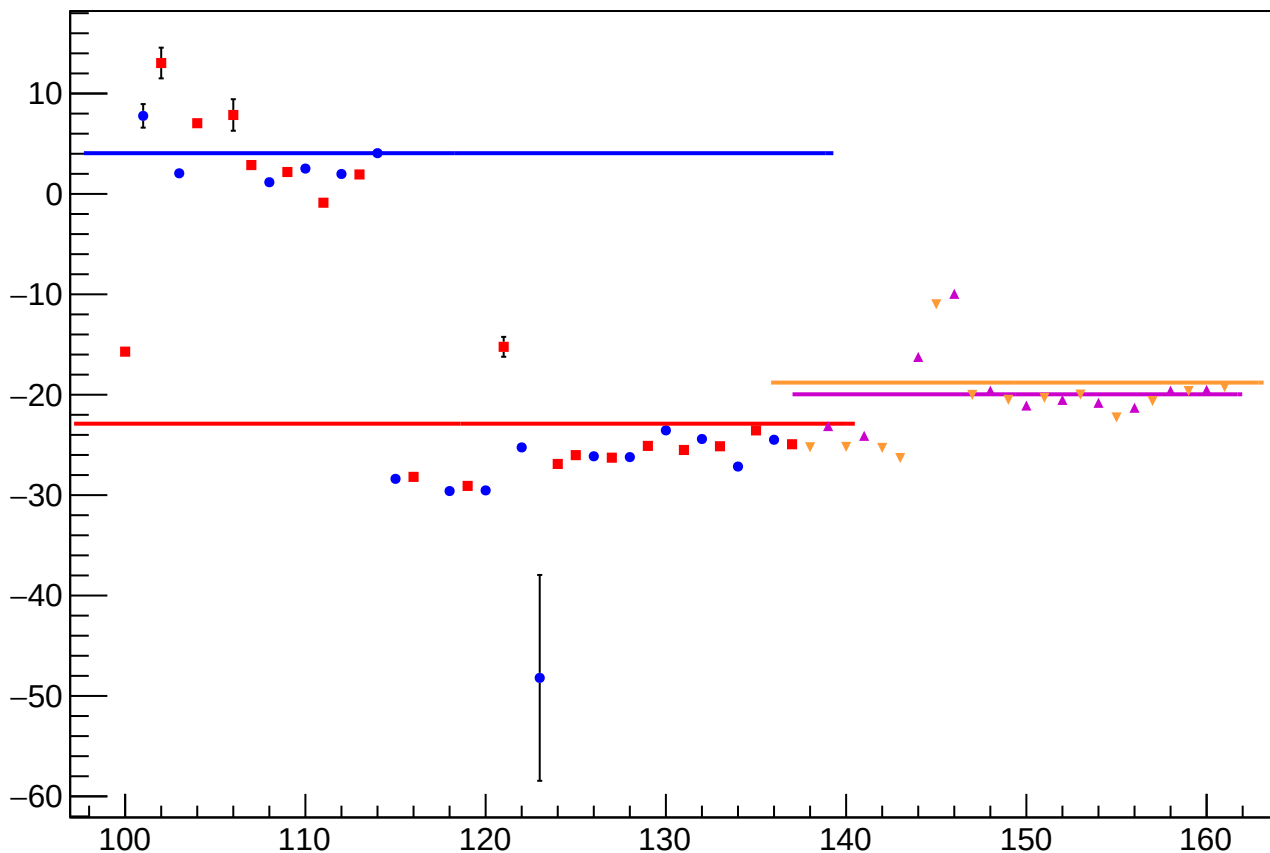
Left In: 0.546+/-0.003 χ^2/NDF : 3451.6/10

+ sign 0.888+/-0.000 χ^2/NDF : 28387.6/29

All: 0.888+/-0.000 χ^2/NDF : 422261475.7/59

- sign -0.226+/-0.000 χ^2/NDF : 99342.1/29

dit_sam4_4aY_slope vs Slug



Right In: 4.057 $\pm$ 0.000 χ^2 /NDF: 1247888.2/16

Left Out: -18.790 $\pm$ 0.015 χ^2 /NDF: 77502.7/12

Right Out: -22.885 $\pm$ 0.026 χ^2 /NDF: 116508.9/18

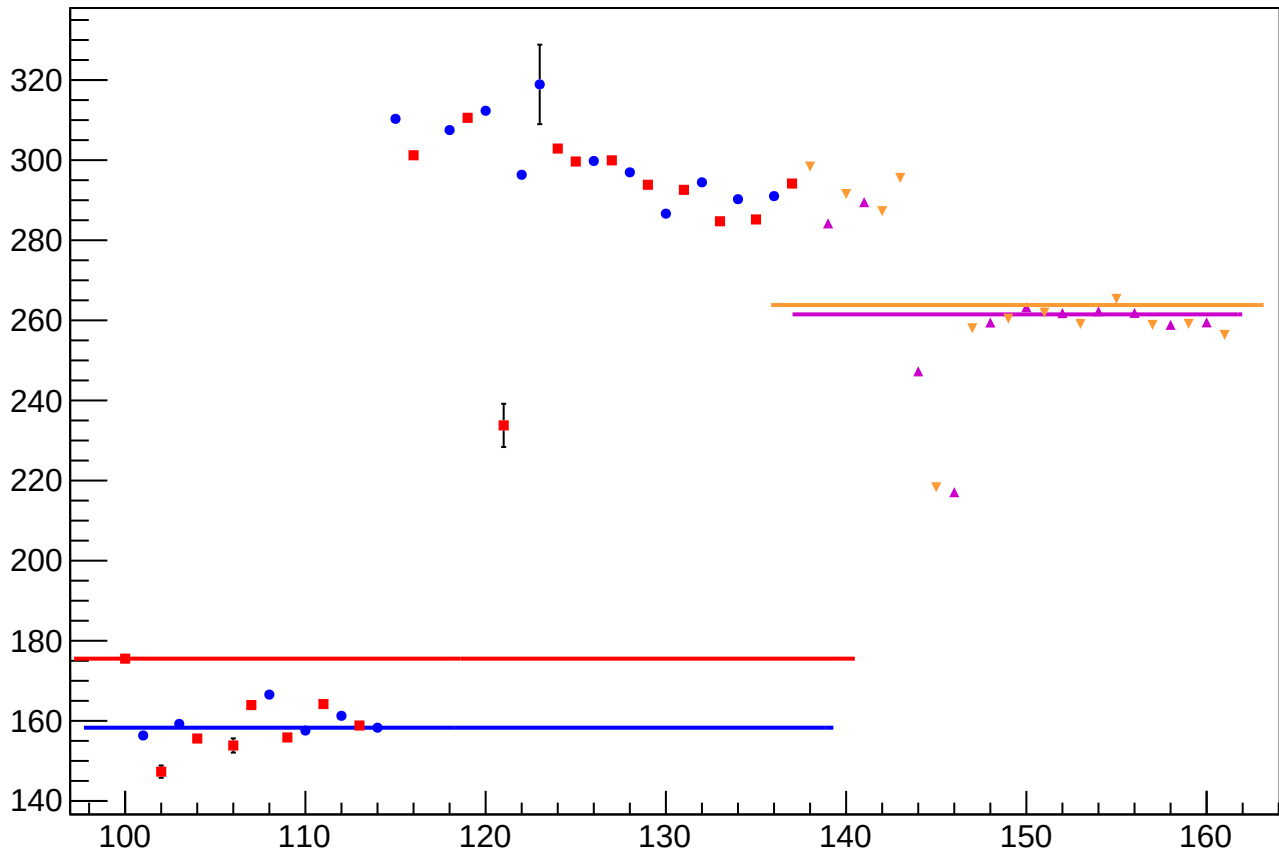
Left In: -19.957 $\pm$ 0.012 χ^2 /NDF: 19826.1/10

+ sign 4.057 $\pm$ 0.000 χ^2 /NDF: 3803680.4/29

All: 4.057 $\pm$ 0.000 χ^2 /NDF: 8874205.8/59

- sign -20.474 $\pm$ 0.011 χ^2 /NDF: 146524.3/29

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2410913.3/16

Left Out: 263.841 $\pm$ 0.038 χ^2 /NDF:188728.8/12

Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2100196.2/18

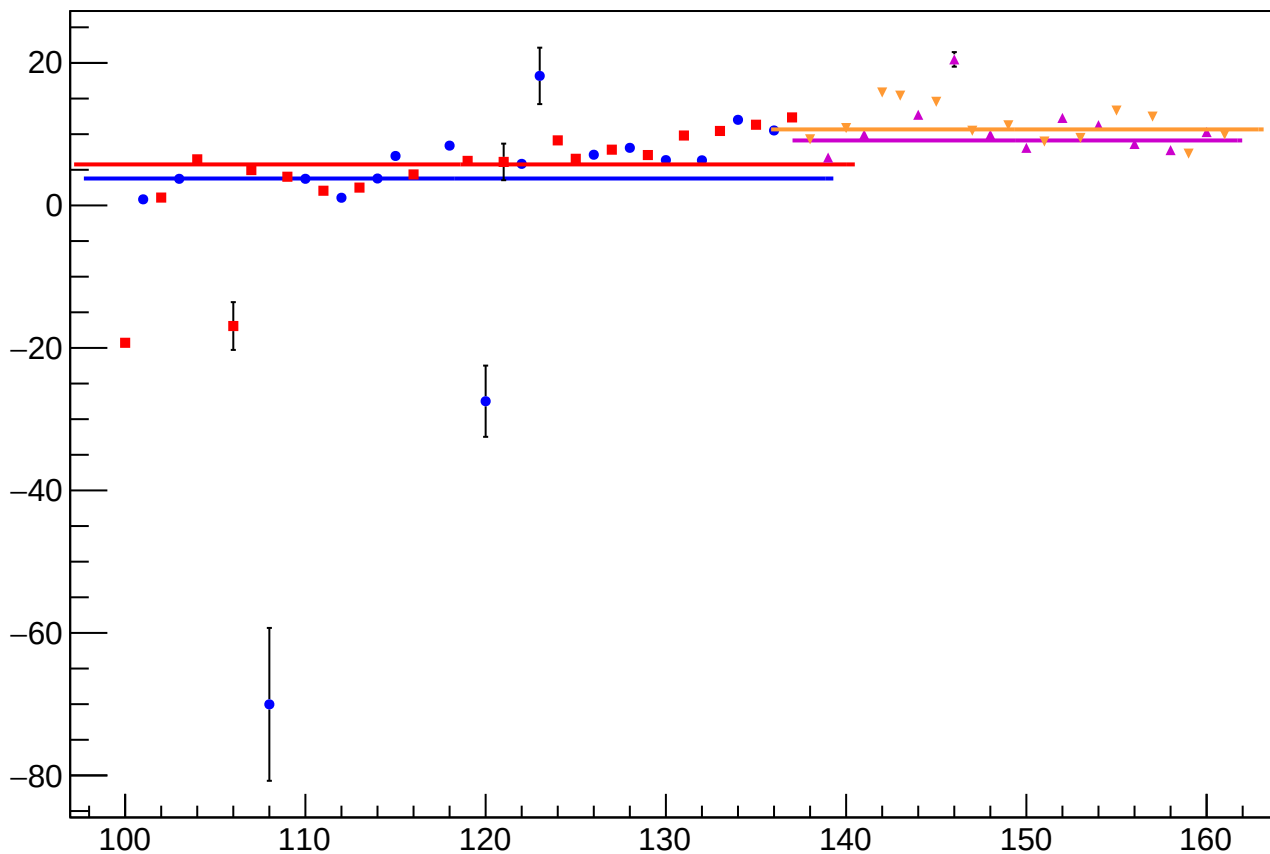
Left In: 261.492 $\pm$ 0.034 χ^2 /NDF:38392.6/10

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 10147085.9/29

All: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225

- sign 175.536 $\pm$ 0.000 χ^2 /NDF: 8700943.4/29

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.670 ± 0.037 χ^2/NDF : 2091.8/12

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

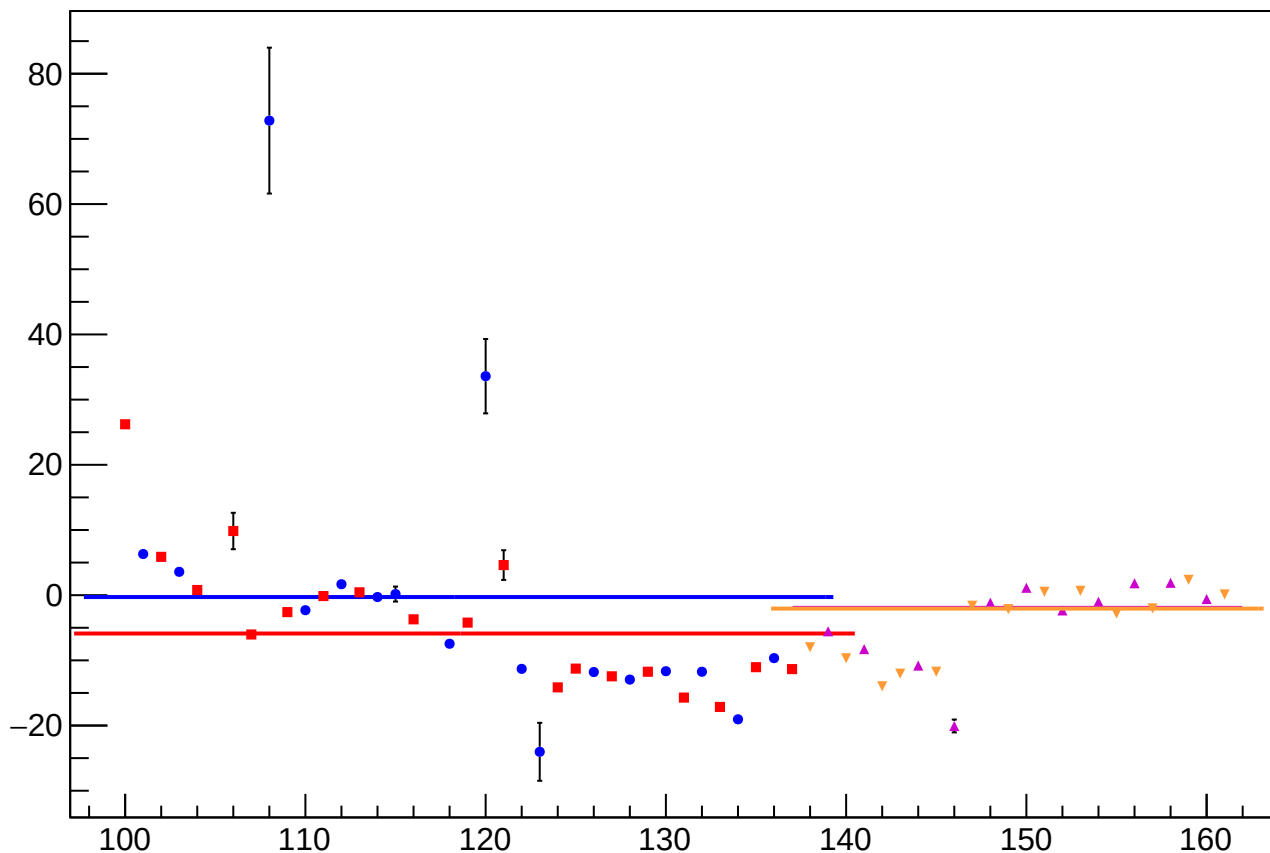
Left In: 9.119 ± 0.035 χ^2/NDF : 2507.5/10

+ sign 3.778 ± 0.000 χ^2/NDF : 42869.4/29

All: 3.778 ± 0.000 χ^2/NDF : 96793.7/59

- sign 6.936 ± 0.021 χ^2/NDF : 30780.8/29

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -2.058 ± 0.037 χ^2/NDF : 8900.2/12

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

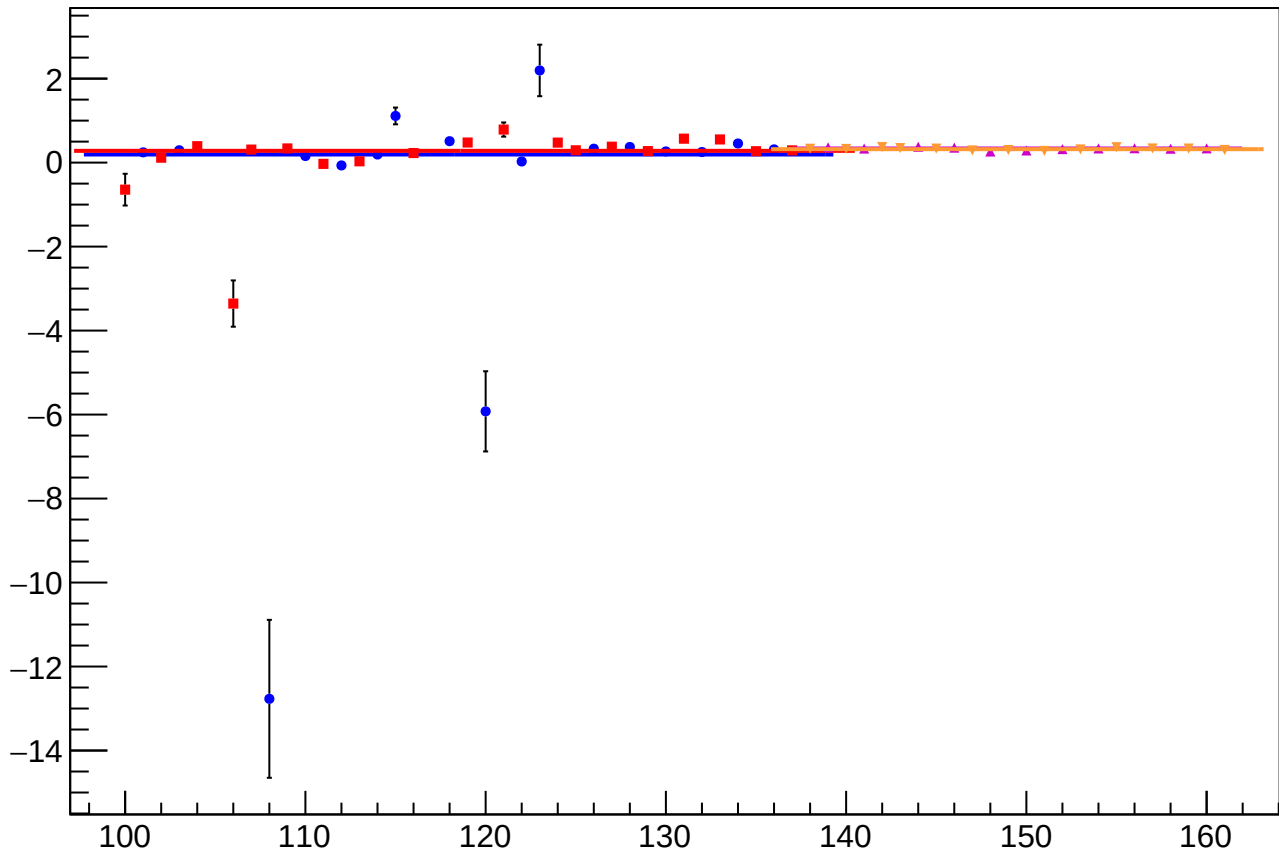
Left In: -1.946 ± 0.035 χ^2/NDF : 11649.3/10

+ sign -0.287 ± 0.000 χ^2/NDF : 55467.0/29

All: -0.287 ± 0.000 χ^2/NDF : 175114.3/59

- sign -4.412 ± 0.022 χ^2/NDF : 82957.7/29

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 ± 0.000 χ^2/NDF : 10027.5/16

Left Out: 0.320 ± 0.001 χ^2/NDF : 1270.6/12

Right Out: 0.280 ± 0.001 χ^2/NDF : 6059.0/18

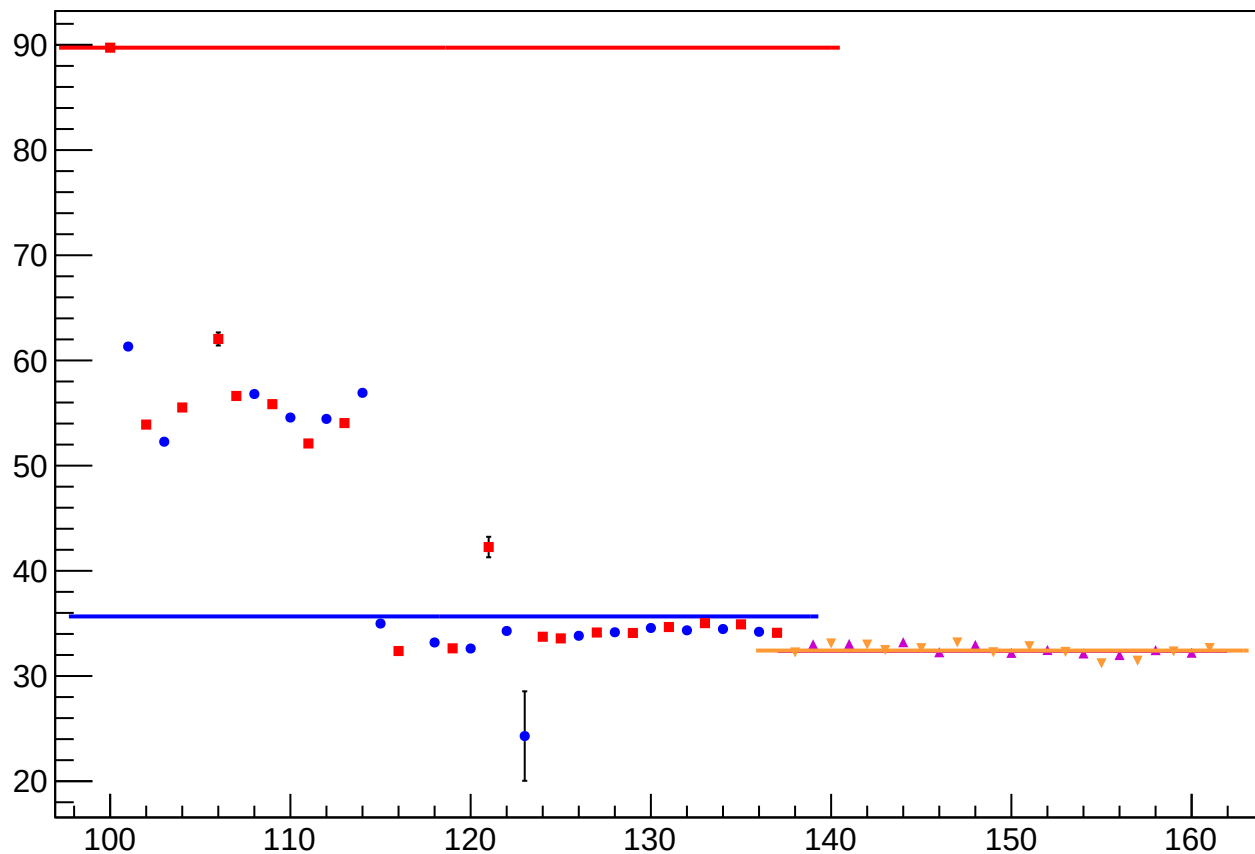
Left In: 0.336 ± 0.001 χ^2/NDF : 2136.0/10

+ sign 0.193 ± 0.000 χ^2/NDF : 49031.0/29

All: 0.193 ± 0.000 χ^2/NDF : 103967.4/59

- sign 0.326 ± 0.001 χ^2/NDF : 9369.0/29

dit_sam5_4aY_slope vs Slug



Right In: 35.664 ± 0.011 χ^2/NDF : 218662.5/16

Left Out: 32.420 ± 0.005 χ^2/NDF : 3175.3/12

Right Out: 89.735 ± 0.000 χ^2/NDF : 25801560.6/18

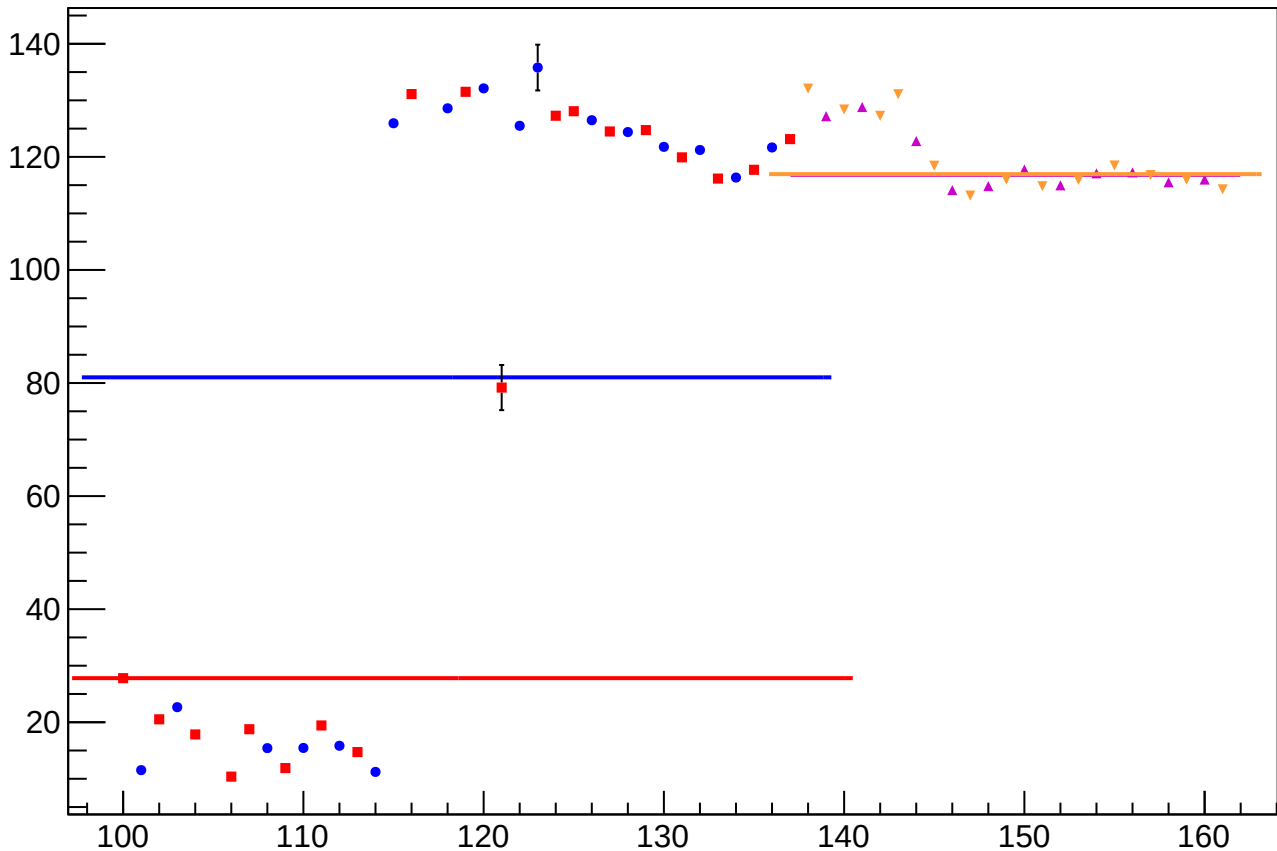
Left In: 32.378 ± 0.004 χ^2/NDF : 3903.4/10

+ sign 32.891 ± 0.004 χ^2/NDF : 291457.3/29

All: 89.735 ± 0.000 χ^2/NDF : 367626621.3/59

- sign 89.735 ± 0.000 χ^2/NDF : 195053075.3/29

dit_sam5_4eY_slope vs Slug



Right In: 81.005 $\pm$ 0.035 χ^2 /NDF: 2228881.4/16

Left Out: 116.947 $\pm$ 0.010 χ^2 /NDF: 137760.0/12

Right Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 9183707.8/18

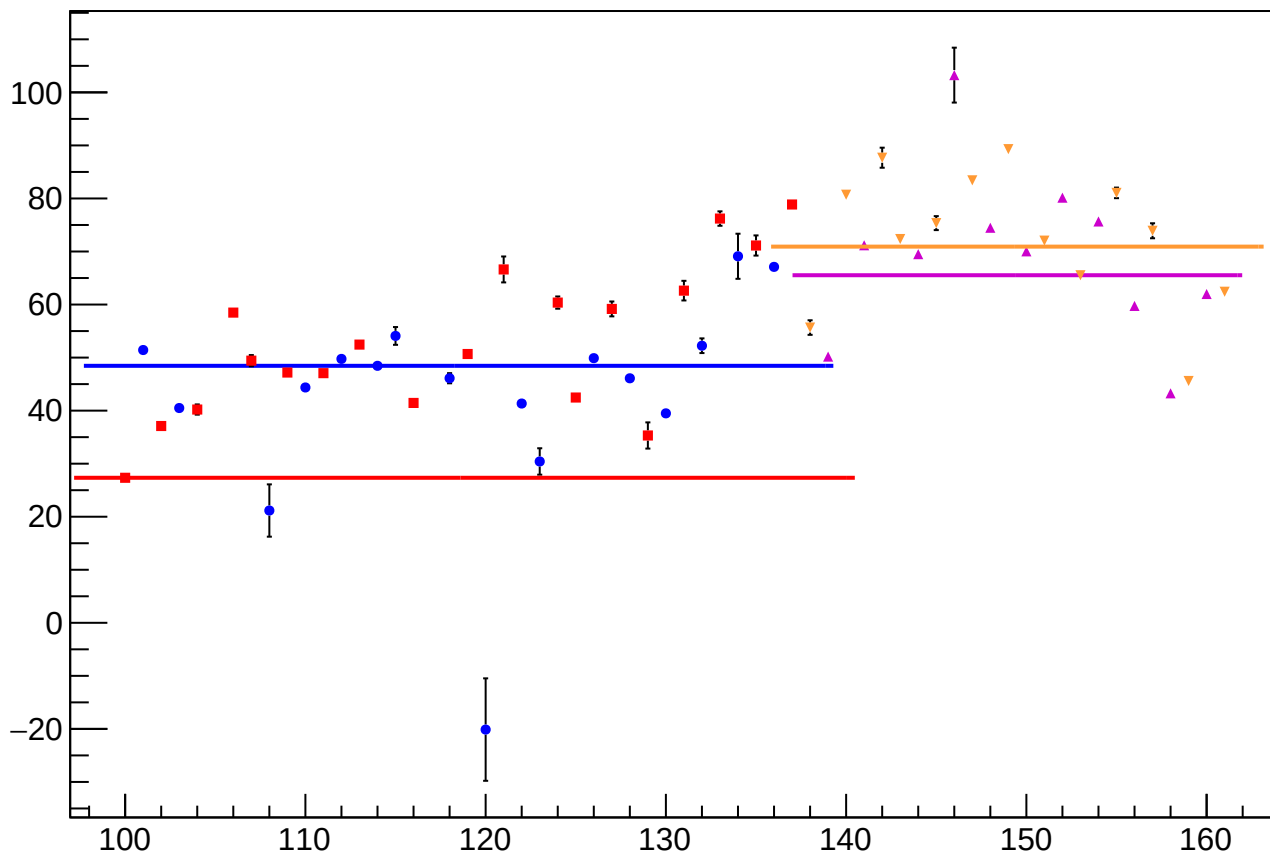
Left In: 116.819 $\pm$ 0.010 χ^2 /NDF: 40662.5/10

+ sign 114.105 $\pm$ 0.010 χ^2 /NDF: 3364327.8/29

All: 27.798 $\pm$ 0.000 χ^2 /NDF: 175042844.4/59

- sign 27.798 $\pm$ 0.000 χ^2 /NDF: 92675424.0/29

dit_sam6_4aX_slope vs Slug



Right In: 48.450 ± 0.000 χ^2/NDF : 2751.4/16

Left Out: 70.922 ± 0.222 χ^2/NDF : 3822.8/12

Right Out: 27.342 ± 0.000 χ^2/NDF : 25810.4/18

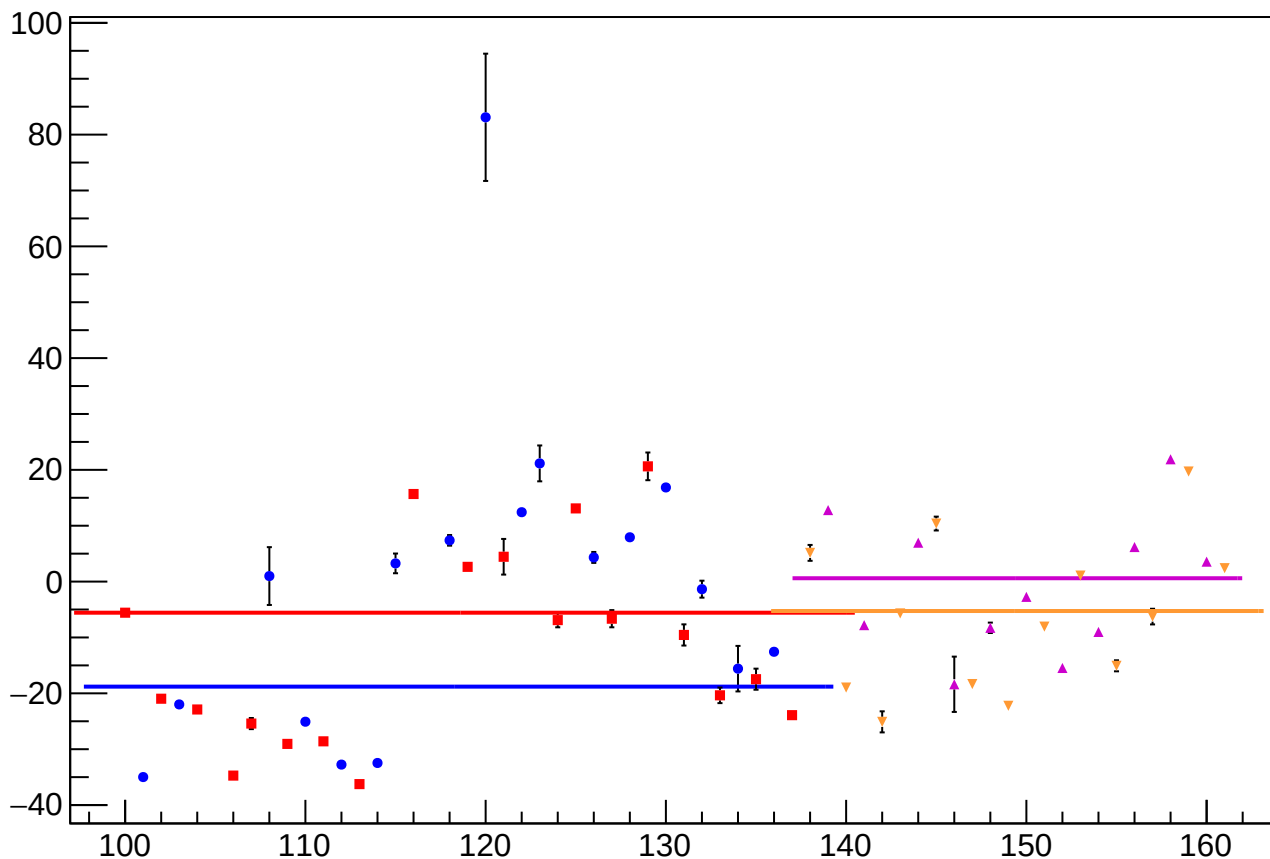
Left In: 65.528 ± 0.181 χ^2/NDF : 3783.8/10

+ sign 48.450 ± 0.000 χ^2/NDF : 16785.6/29

All: 28.365 ± 0.000 χ^2/NDF : 102629010488

- sign 27.342 ± 0.000 χ^2/NDF : 74154.0/29

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: -5.267 ± 0.220 χ^2/NDF : 4060.6/12

Right Out: -5.568 ± 0.000 χ^2/NDF : 23097.3/18

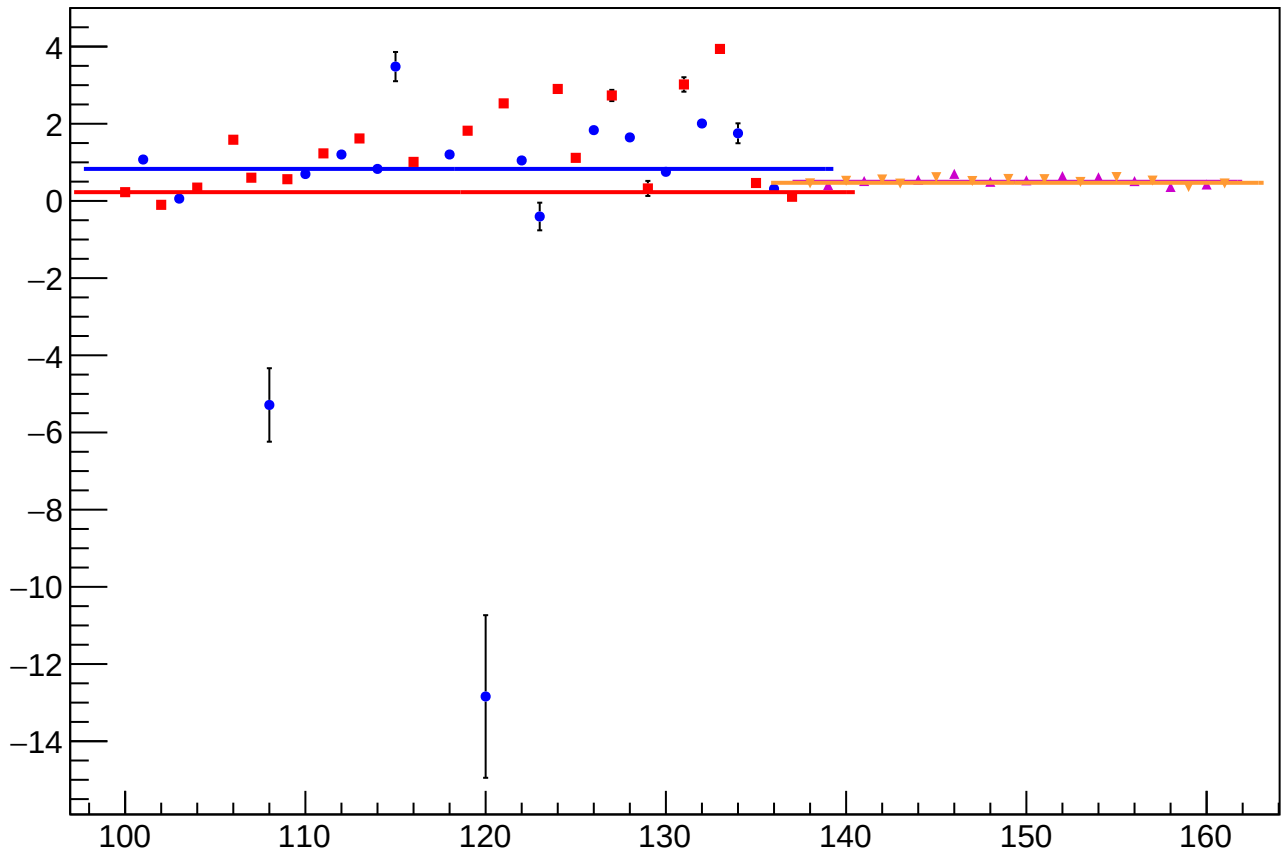
Left In: 0.600 ± 0.178 χ^2/NDF : 3402.2/10

+ sign -14.560 ± 0.123 χ^2/NDF : 18429.7/29

All: -5.568 ± 0.000 χ^2/NDF : 51473.7/59

- sign -5.568 ± 0.000 χ^2/NDF : 27700.1/29

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.470 ± 0.001 χ^2/NDF : 4684.5/12

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

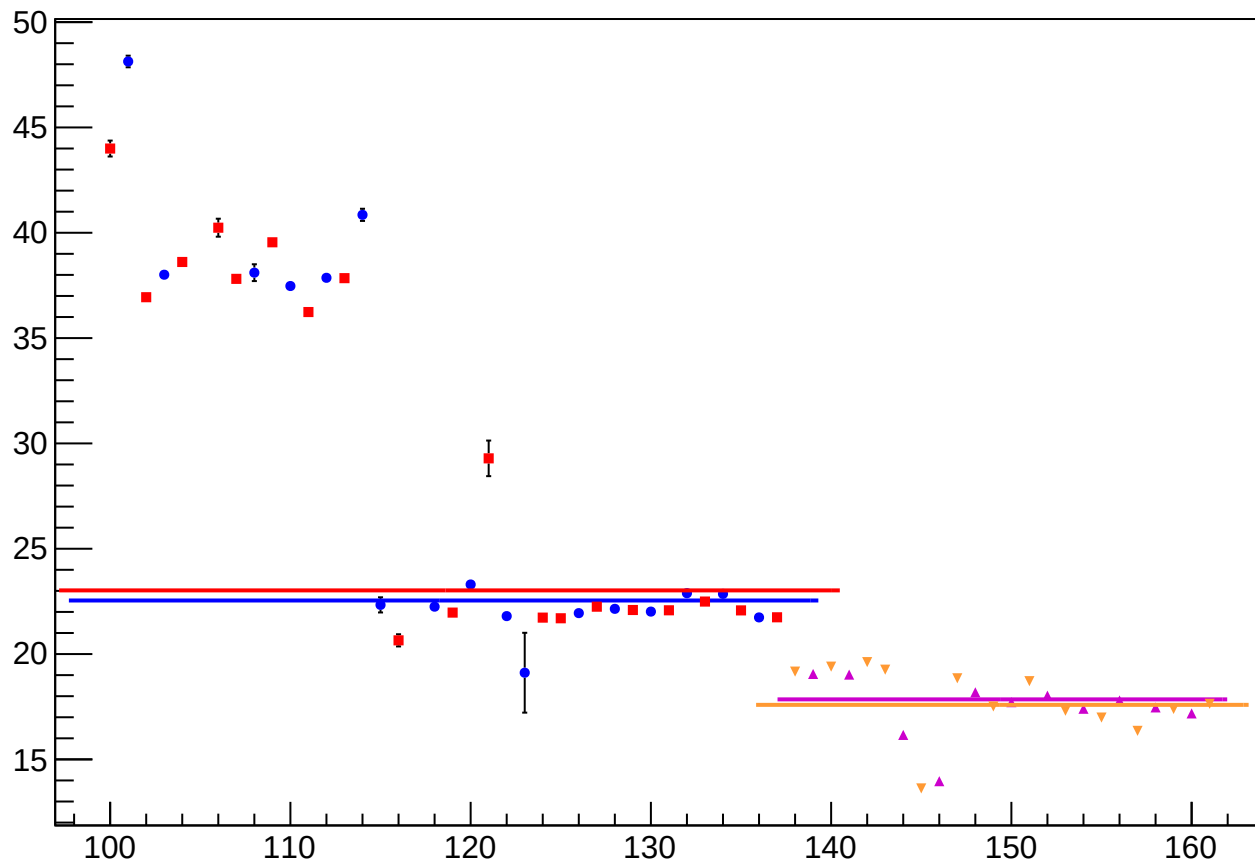
Left In: 0.496 ± 0.001 χ^2/NDF : 6280.4/10

+ sign 0.830 ± 0.000 χ^2/NDF : 98065.0/29

All: 0.289 ± 0.000 χ^2/NDF : 29066082561457

- sign 0.227 ± 0.000 χ^2/NDF : 62749.7/29

dit_sam6_4aY_slope vs Slug



Right In: 22.543 ± 0.009 χ^2/NDF : 105452.8/16

Left Out: 17.589 ± 0.006 χ^2/NDF : 69951.5/12

Right Out: 23.023 ± 0.009 χ^2/NDF : 165838.0/18

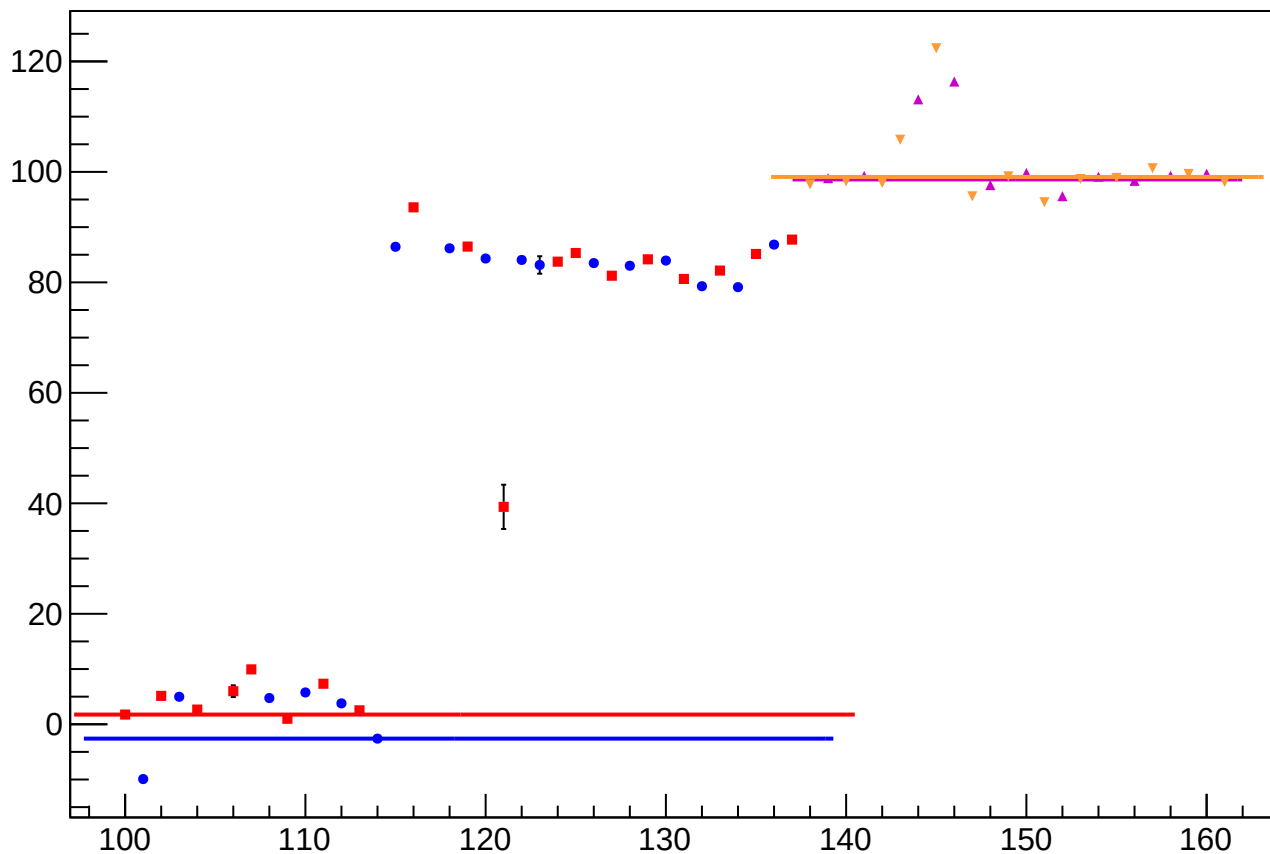
Left In: 17.849 ± 0.008 χ^2/NDF : 11608.2/10

+ sign 19.090 ± 0.005 χ^2/NDF : 372770.2/29

All: 19.488 ± 0.004 χ^2/NDF : 754912.5/59

- sign 20.004 ± 0.006 χ^2/NDF : 368301.4/29

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2 /NDF: 7395182.7/16

Left Out: 99.088+/-0.013 χ^2 /NDF:68813.6/12

Right Out: 1.758+/-0.000 χ^2 /NDF: 4230949.4/18

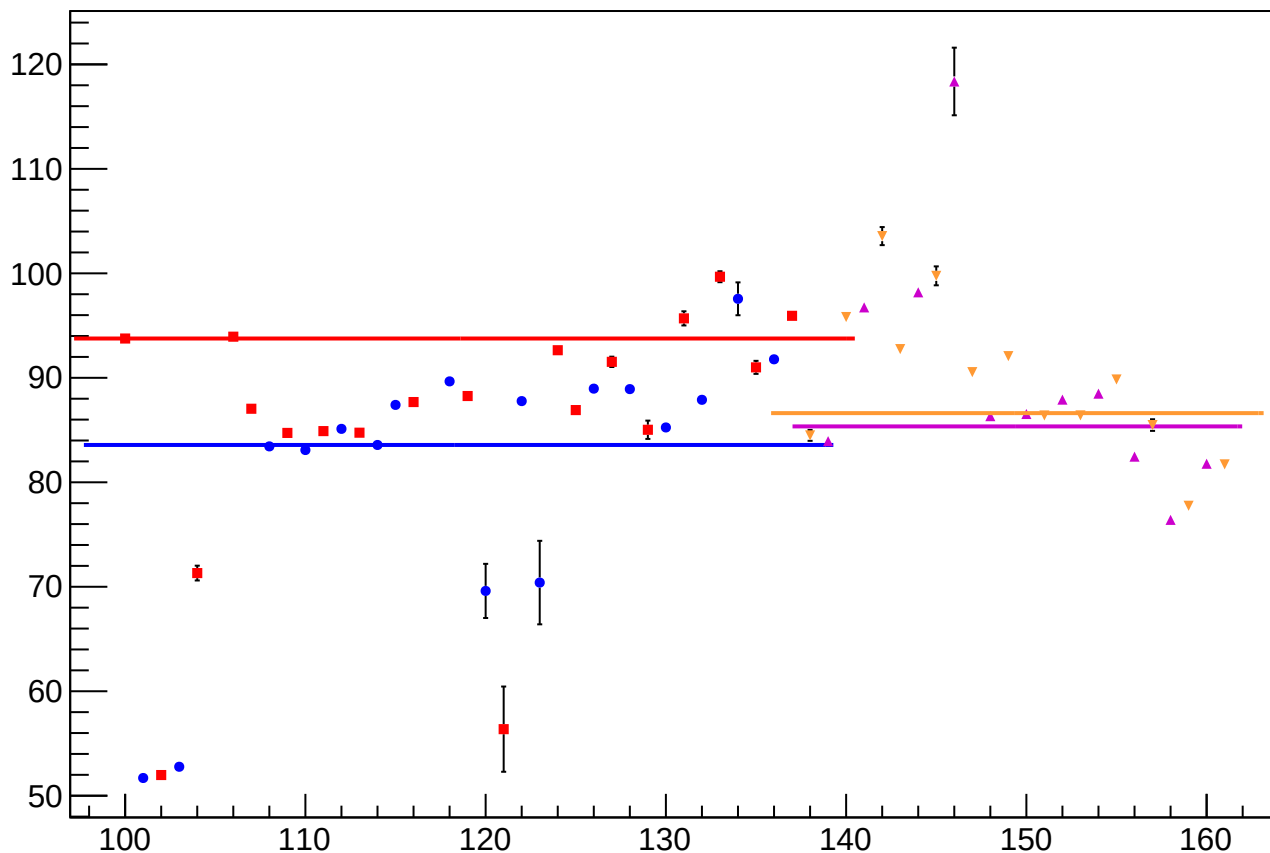
Left In: 98.629+/-0.014 χ^2 /NDF:16549.9/10

+ sign -2.596+/-0.000 χ^2 /NDF: 65408088.4/29

All: -1.059+/-0.000 χ^2 /NDF: 3731791751577

- sign 1.758+/-0.000 χ^2 /NDF: 53821773.7/29

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF : 49468.0/16

Left Out: 86.621+/-0.083 χ^2/NDF : 5590.6/12

Right Out: 93.762+/-0.000 χ^2/NDF : 82848.8/18

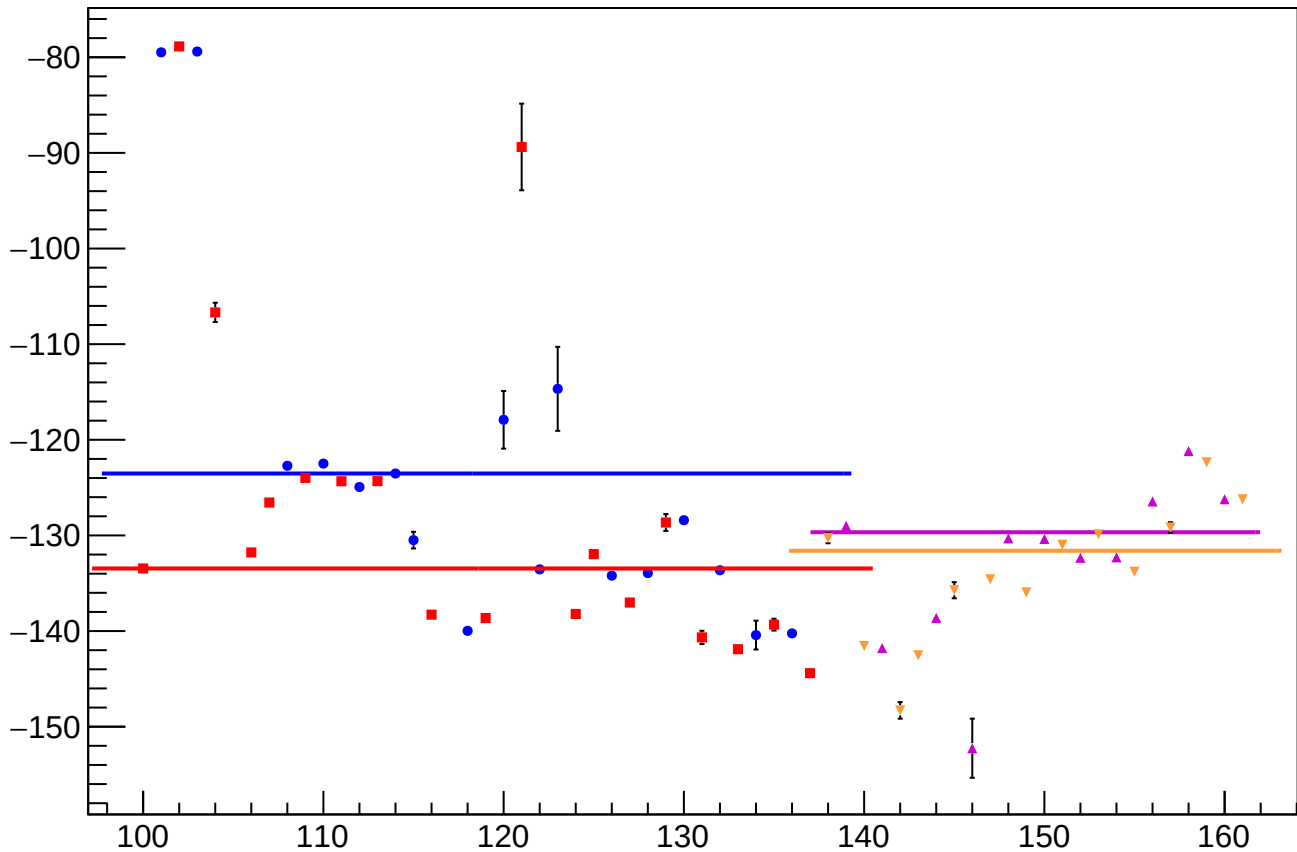
Left In: 85.349+/-0.066 χ^2/NDF : 5914.7/10

+ sign 83.573+/-0.000 χ^2/NDF : 56392.0/29

All: 87.169+/-0.000 χ^2/NDF : 1995684404141

- sign 93.762+/-0.000 χ^2/NDF : 104996.6/29

dit_sam7_4eX_slope vs Slug



Right In: -123.524 ± 0.000 $\chi^2/\text{NDF}: 160356.5/16$

Left Out: -131.602 ± 0.083 $\chi^2/\text{NDF}: 7107.4/12$

Right Out: -133.456 ± 0.000 $\chi^2/\text{NDF}: 394896.3/18$

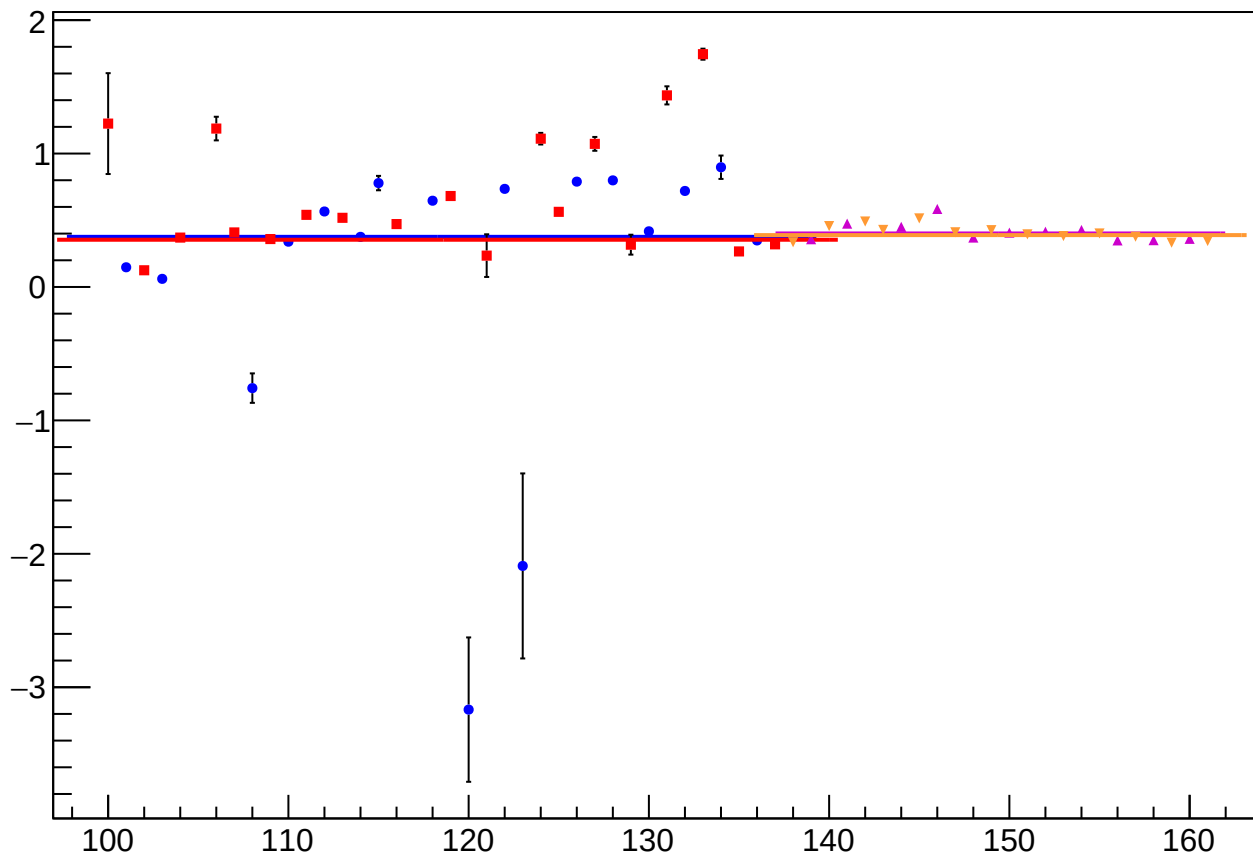
Left In: -129.665 ± 0.065 $\chi^2/\text{NDF}: 5103.7/10$

+ sign -123.524 ± 0.000 $\chi^2/\text{NDF}: 176947.4/29$

All: -124.716 ± 0.000 $\chi^2/\text{NDF}: 64467869901$

- sign -133.456 ± 0.000 $\chi^2/\text{NDF}: 403428.5/29$

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: 4576.2/12

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

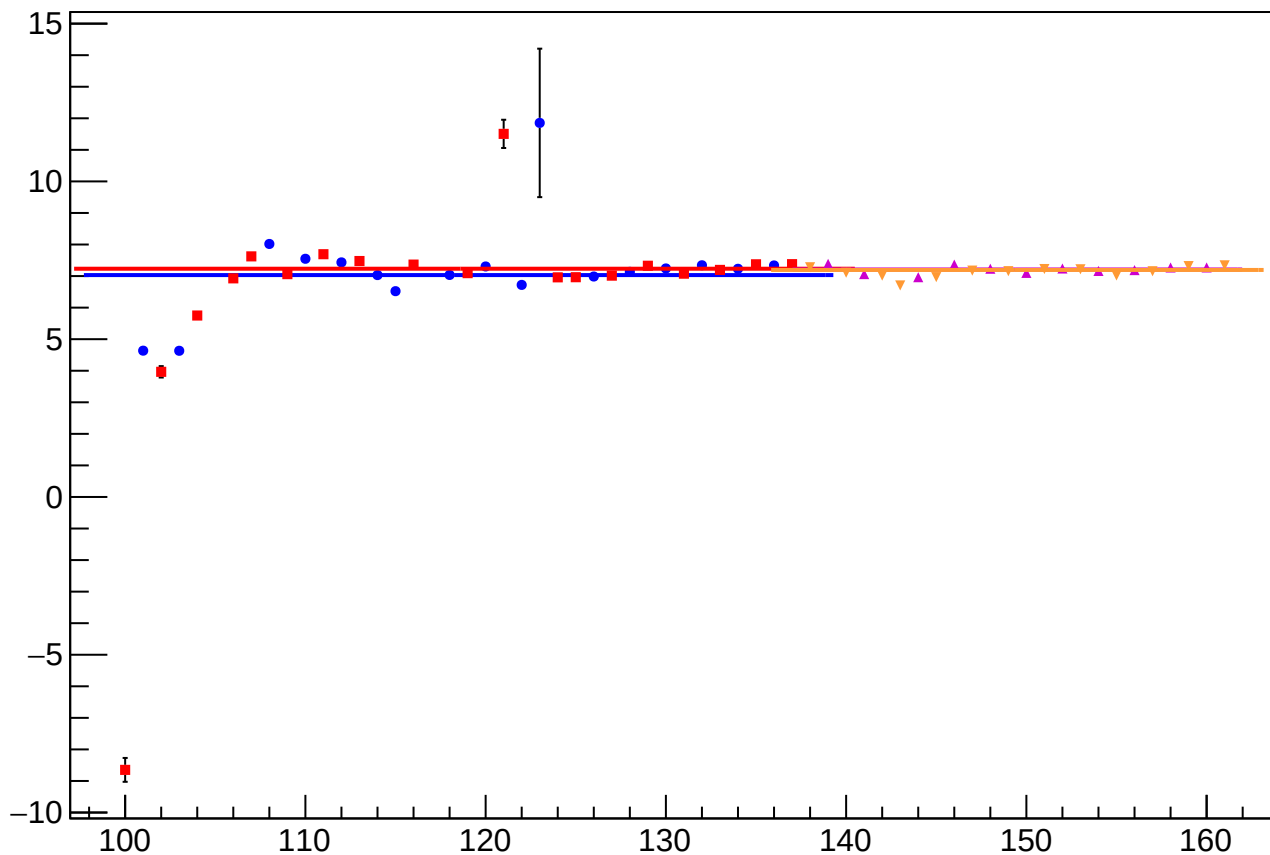
Left In: 0.401 $\pm$ 0.001 χ^2 /NDF: 5872.2/10

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 8965.1/29

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 21875.3/59

- sign 0.396 $\pm$ 0.001 χ^2 /NDF: 11327.8/29

dit_sam7_4aY_slope vs Slug



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.194 $\pm$ 0.001 χ^2 /NDF: 22903.2/12

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

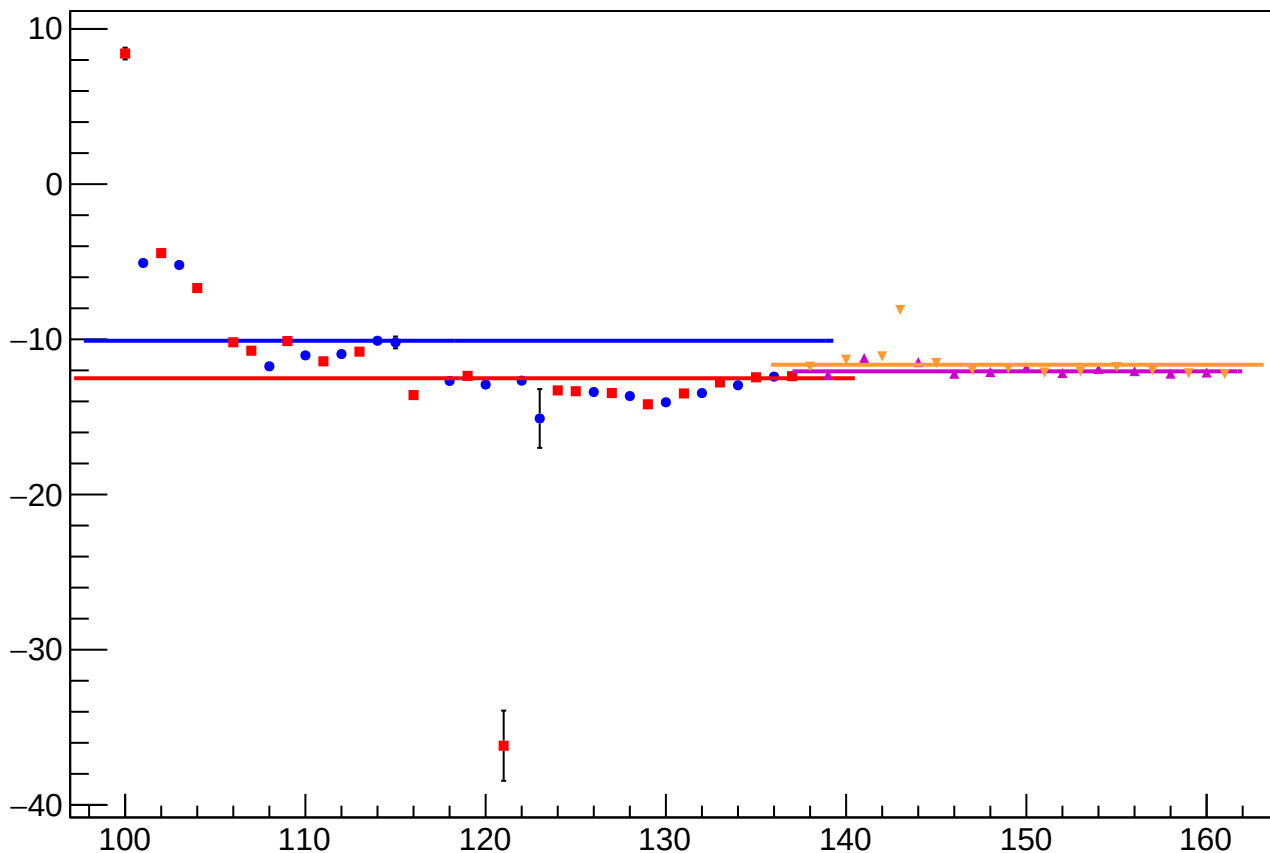
Left In: 7.210 $\pm$ 0.001 χ^2 /NDF: 9983.3/10

+ sign 7.032 $\pm$ 0.000 χ^2 /NDF: 67500.1/29

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 128569.3/59

- sign 7.213 $\pm$ 0.001 χ^2 /NDF: 20128.2/29

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.637 ± 0.002 χ^2/NDF : 398782.6/12

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

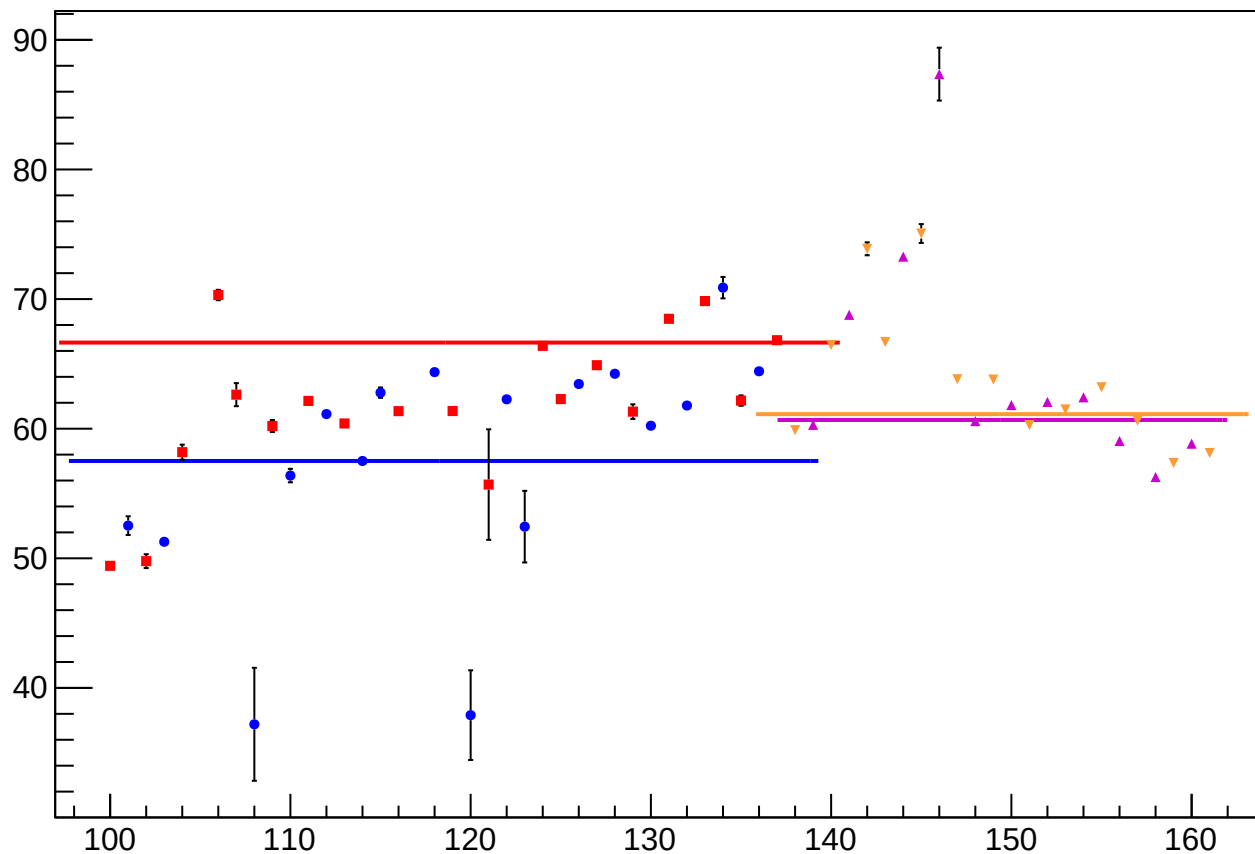
Left In: -12.063 ± 0.002 χ^2/NDF : 14762.4/10

+ sign -10.092 ± 0.000 χ^2/NDF : 1571693.3/29

All: -10.092 ± 0.000 χ^2/NDF : 3180829.9/59

- sign -12.154 ± 0.002 χ^2/NDF : 129507.5/29

dit_sam8_4aX_slope vs Slug



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 61.120 $\pm$ 0.048 χ^2 /NDF:5121.2/12

Right Out: 66.645 $\pm$ 0.013 χ^2 /NDF: 8163.8/18

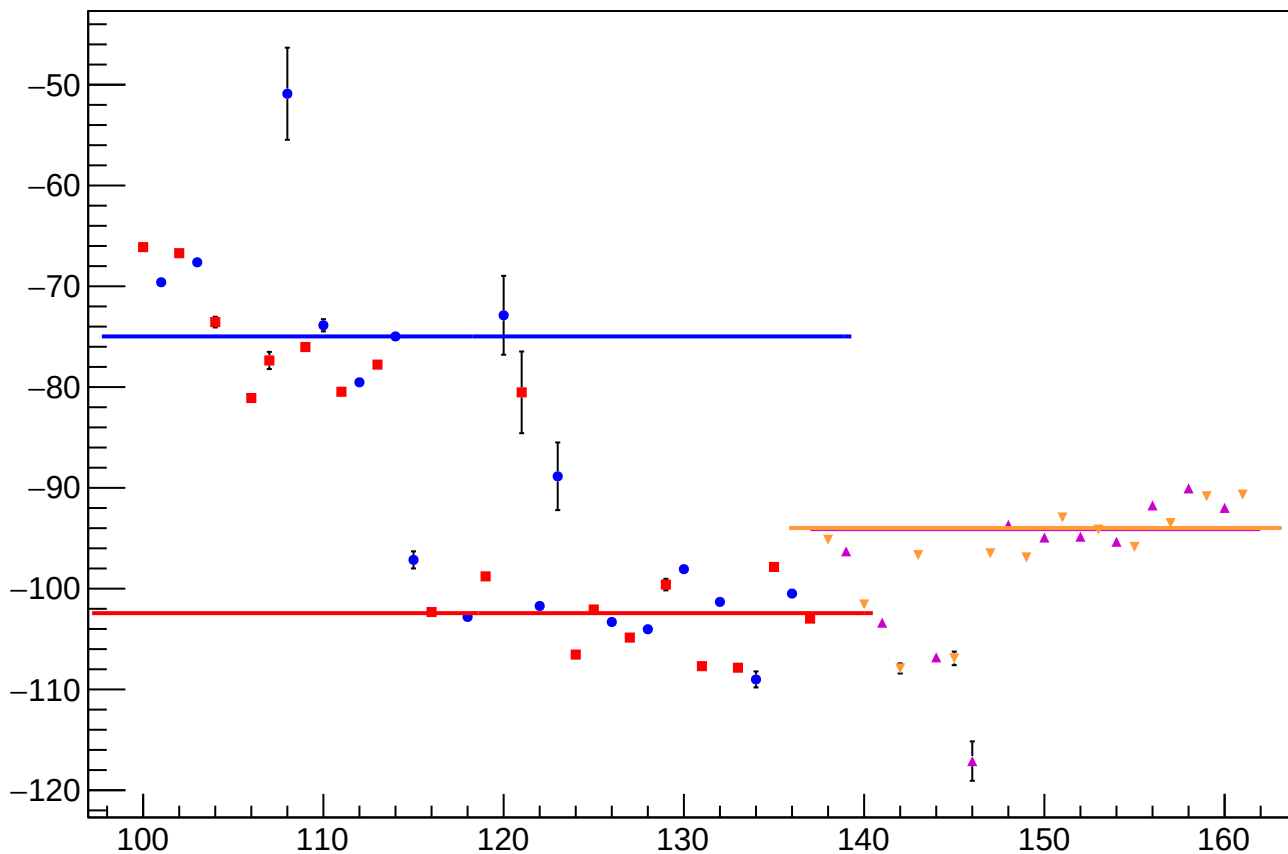
Left In: 60.673 $\pm$ 0.038 χ^2 /NDF:5574.8/10

+ sign 57.510 $\pm$ 0.000 χ^2 /NDF: 18789.4/29

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 527453.5/59

- sign 66.027 $\pm$ 0.012 χ^2 /NDF: 35333.8/29

dit_sam8_4eX_slope vs Slug



Right In: -74.974 $\pm$ 0.000 χ^2 /NDF: 130544.0/16

Left Out: -93.986 $\pm$ 0.049 χ^2 /NDF: 4671.1/12

Right Out: -102.430 $\pm$ 0.018 χ^2 /NDF: 50377.5/18

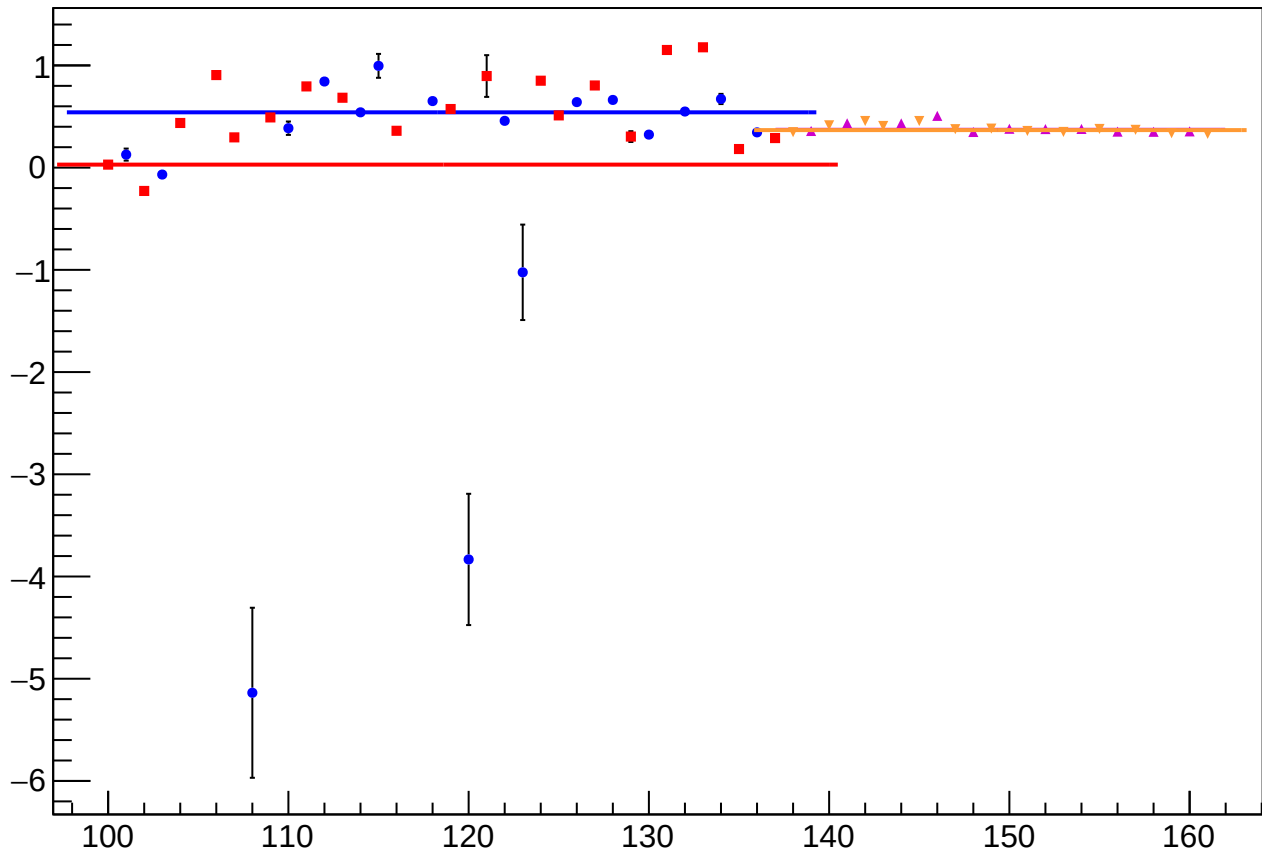
Left In: -94.091 $\pm$ 0.039 χ^2 /NDF: 6139.0/10

+ sign -74.974 $\pm$ 0.000 χ^2 /NDF: 288624.6/29

All: -74.974 $\pm$ 0.000 χ^2 /NDF: 2961950.9/59

- sign -100.986 $\pm$ 0.016 χ^2 /NDF: 94462.4/29

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 : 3034.9/12

Right Out: 0.030 ± 0.000 χ^2/NDF : 121659.5/18

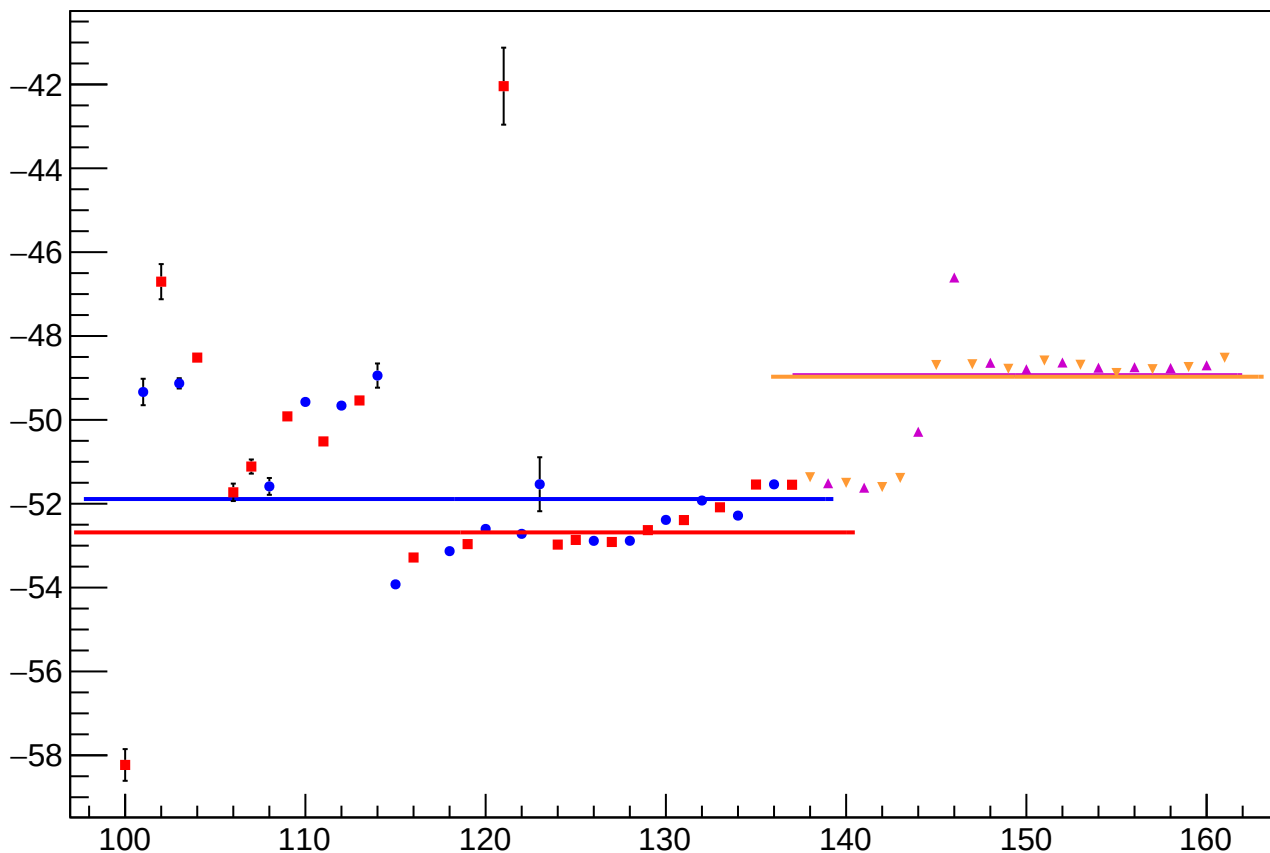
Left In: 0.370 ± 0.000 χ^2/NDF : 4868.0/10

+ sign 0.541 ± 0.000 χ^2/NDF : 166201.5/29

All: 0.030 ± 0.000 χ^2/NDF : 23314297700963

- sign 0.030 ± 0.000 χ^2/NDF : 1172521.9/29

dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 χ^2/NDF : 77585.2/16

Left Out: -48.971 ± 0.001 χ^2/NDF : 354171.3/12

Right Out: -52.684 ± 0.003 χ^2/NDF : 56125.8/18

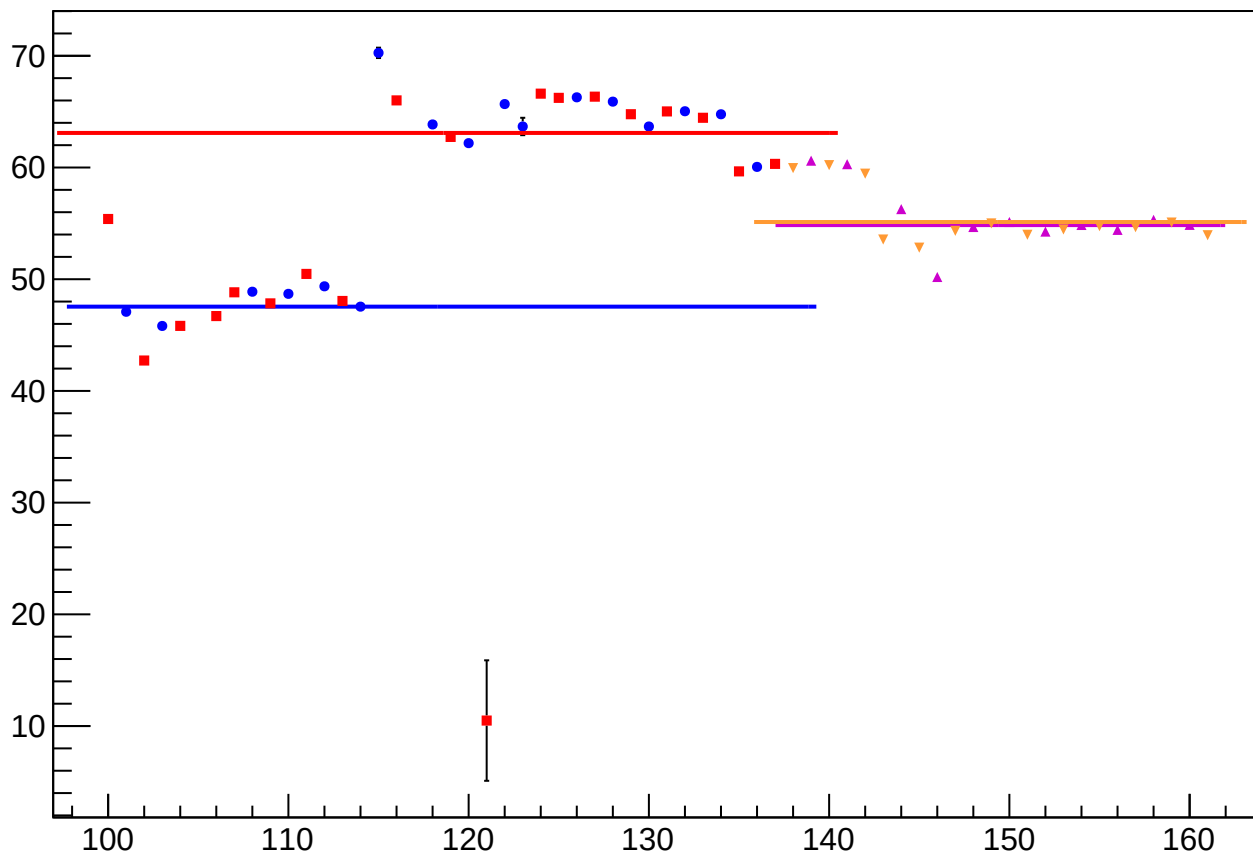
Left In: -48.934 ± 0.001 χ^2/NDF : 516571.0/10

+ sign -49.777 ± 0.001 χ^2/NDF : 1671937.5/29

All: -49.614 ± 0.001 χ^2/NDF : 4102072.8/59

- sign -49.497 ± 0.001 χ^2/NDF : 2396740.7/29

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 55.121 $\pm$ 0.003 χ^2 /NDF:232612.4/12

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

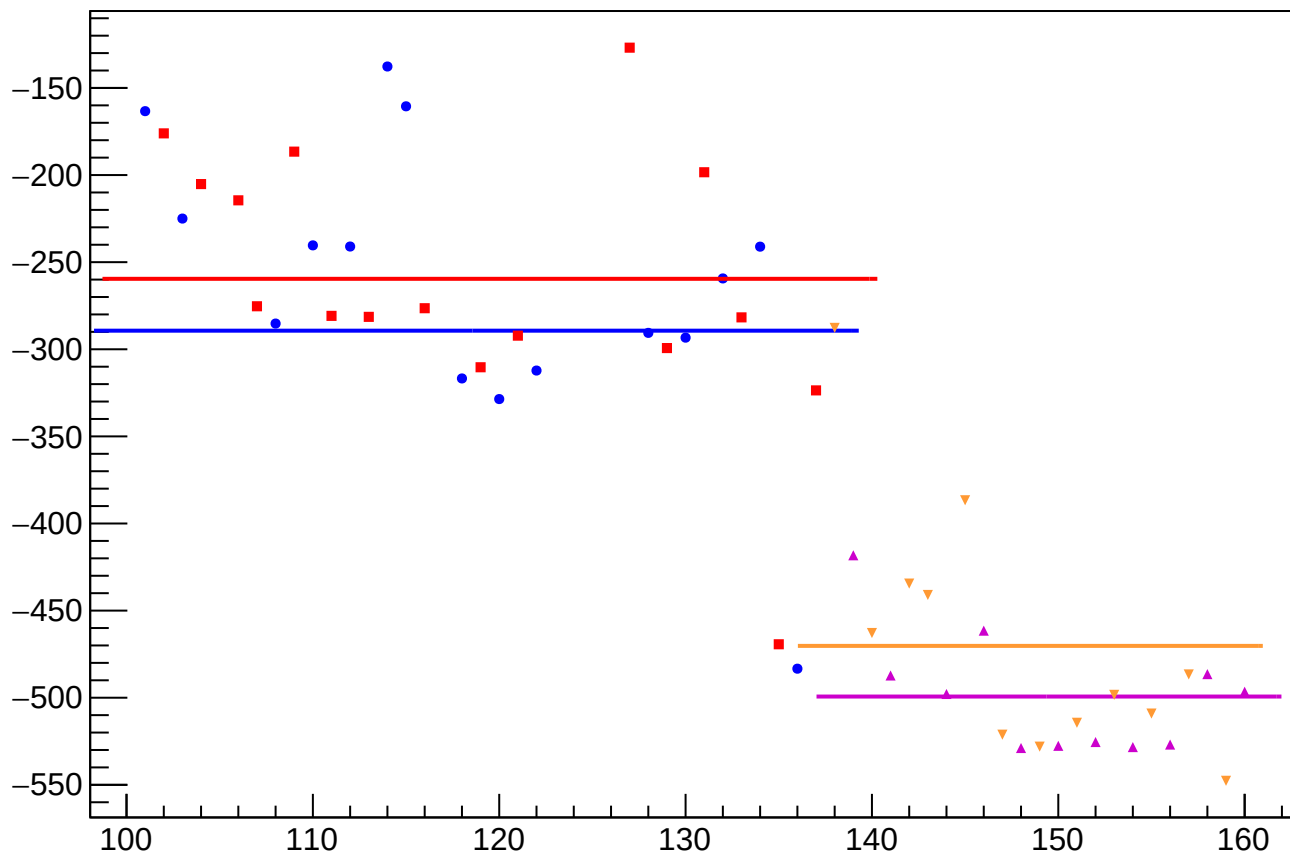
Left In: 54.845 $\pm$ 0.003 χ^2 /NDF:80325.9/10

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 8678679.5/29

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 20192459.6/59

- sign 55.864 $\pm$ 0.003 χ^2 /NDF: 1482150.0/29

dit_4aX_coil1_mean vs Slug



Right In: -289.322 ± 0.000 $\chi^2/\text{NDF}: 5369681640484891478649585392183934976.0/14$

Left Out: -470.248 ± 0.000 $\chi^2/\text{NDF}: 4607361900635133507336893174223208448.0/11$

Right Out: -259.558 ± 0.000 $\chi^2/\text{NDF}: 4299886792692123970784563983770714112.0/15$

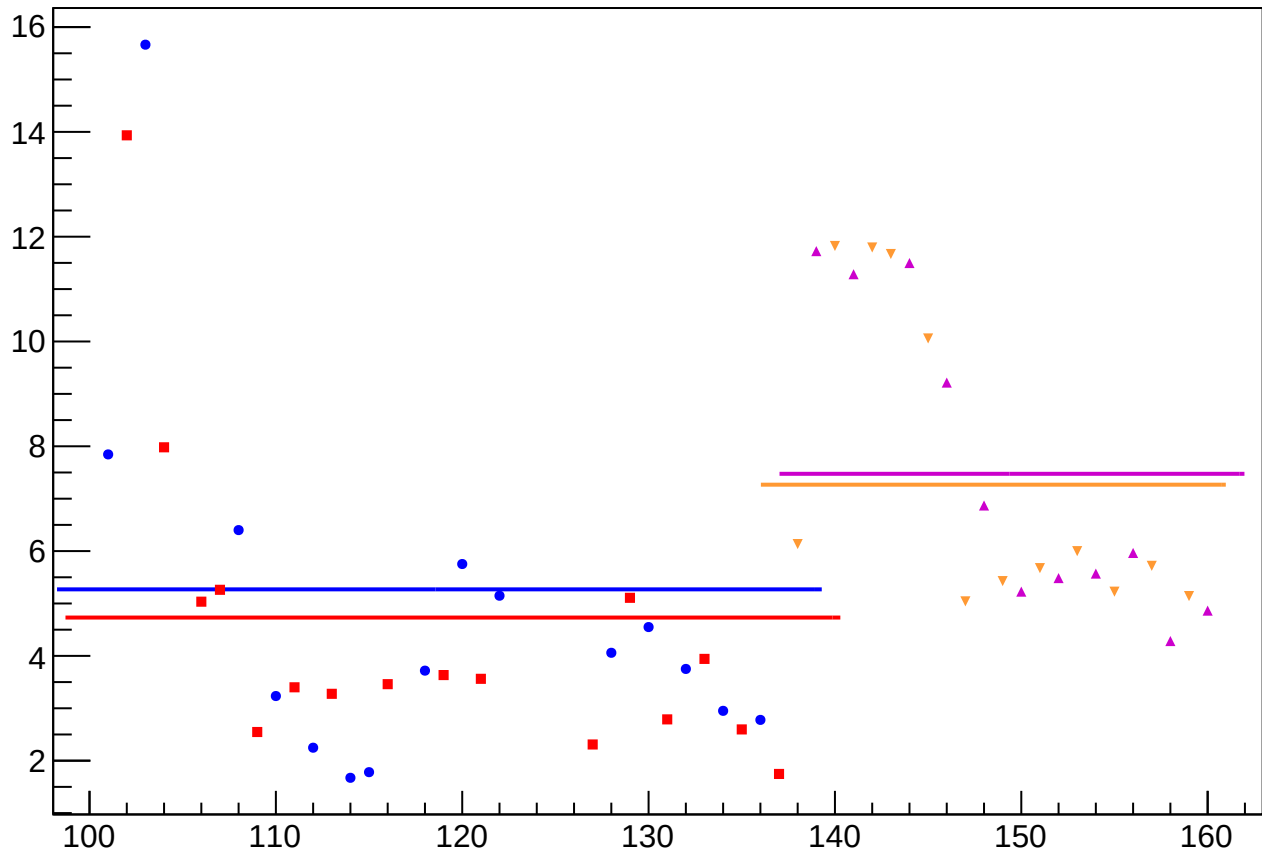
Left In: -499.323 ± 0.000 $\chi^2/\text{NDF}: 1018789461606644410107221718465511424.0/10$

+ sign -395.267 ± 0.000 $\chi^2/\text{NDF}: 22417121738902$

All: -397.050 ± 0.000 $\chi^2/\text{NDF}: 50014681682$

- sign -398.805 ± 0.000 $\chi^2/\text{NDF}: 275876765804894$

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 7.267+/-0.000 χ^2/NDF : 6561845891361438099452945363894272.0/11

Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

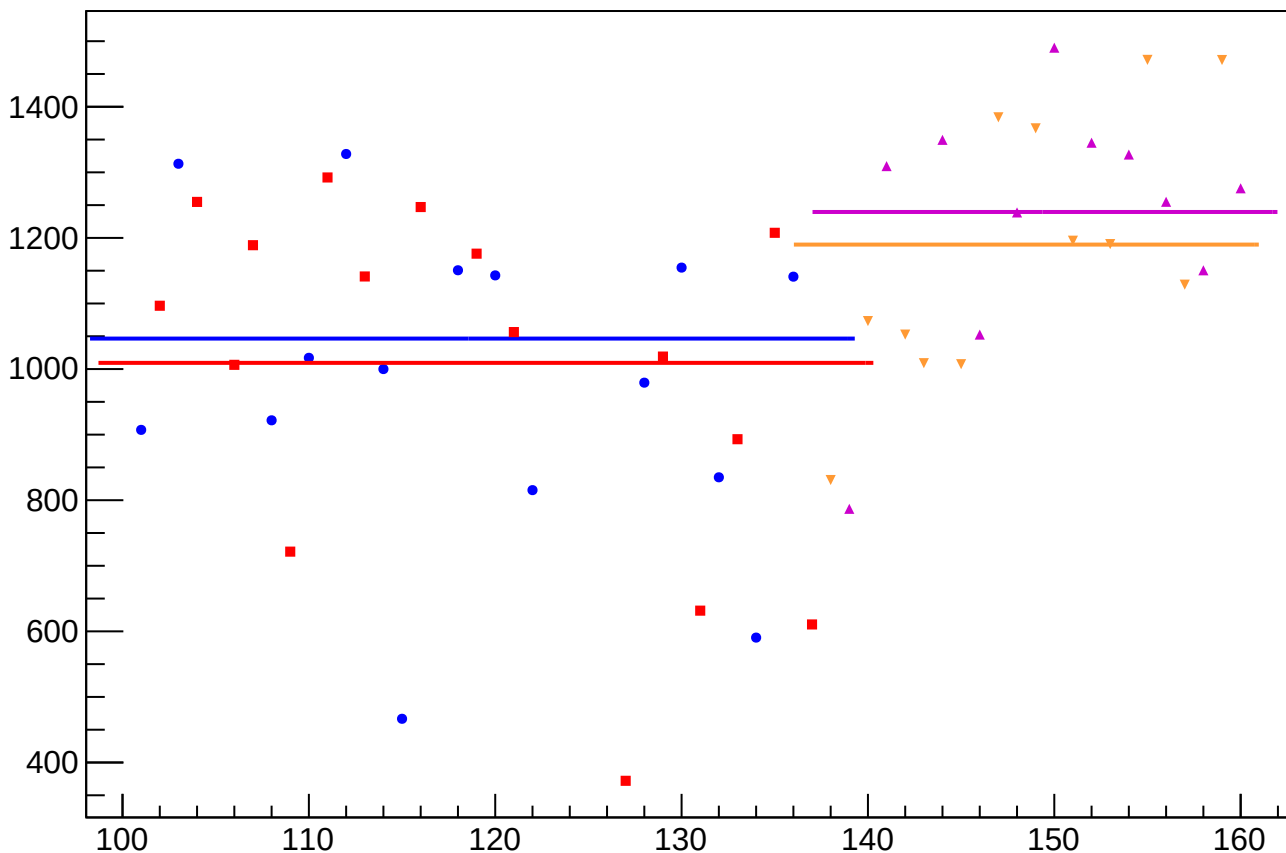
Left In: 7.475+/-0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

+ sign 6.439+/-0.000 χ^2/NDF : 16788029314269977

All: 6.382+/-0.000 χ^2/NDF : 33628039825175

- sign 6.325+/-0.000 χ^2/NDF : 16829636305354281

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

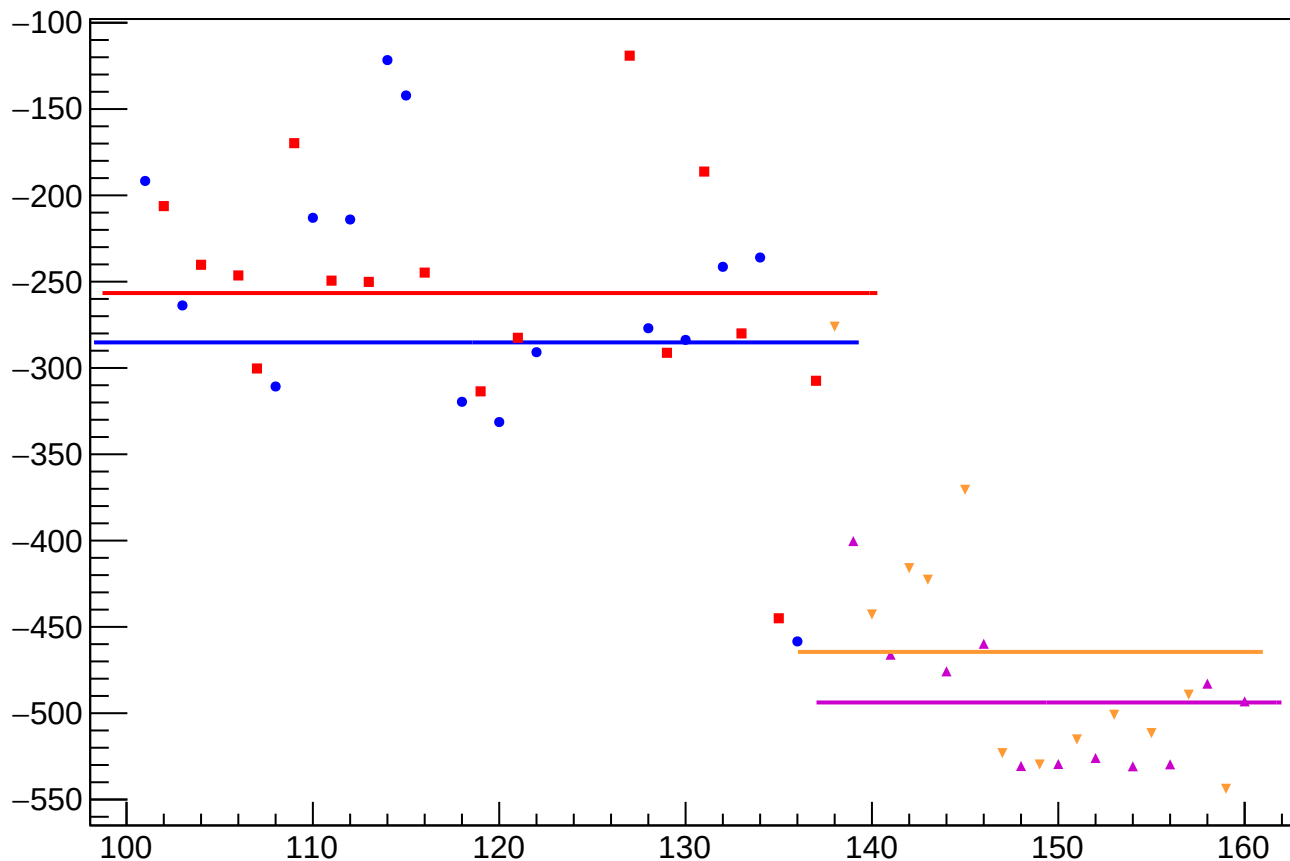
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

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: 1136.802+/-0.000 χ^2/NDF : 16251853607.0/10

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -464.487+/-0.000 χ^2/NDF : 5412512273744603577474879660526403584.0/11

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

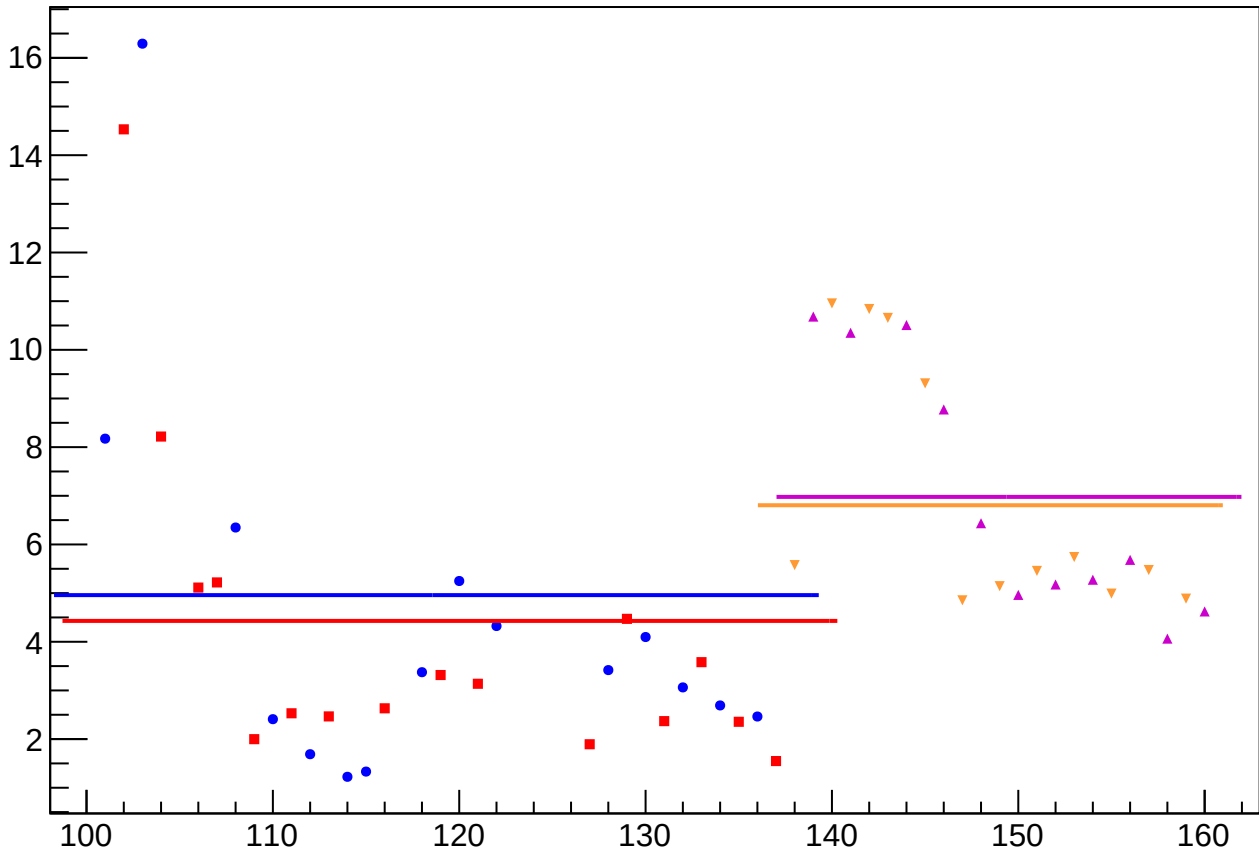
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ sign -390.179+/-0.000 χ^2/NDF : 22109661045949

All: -392.279+/-0.000 χ^2/NDF : 49014873781

- sign -394.346+/-0.000 χ^2/NDF : 268915126522349

dit_4eX_coil1_err_mean vs Slug



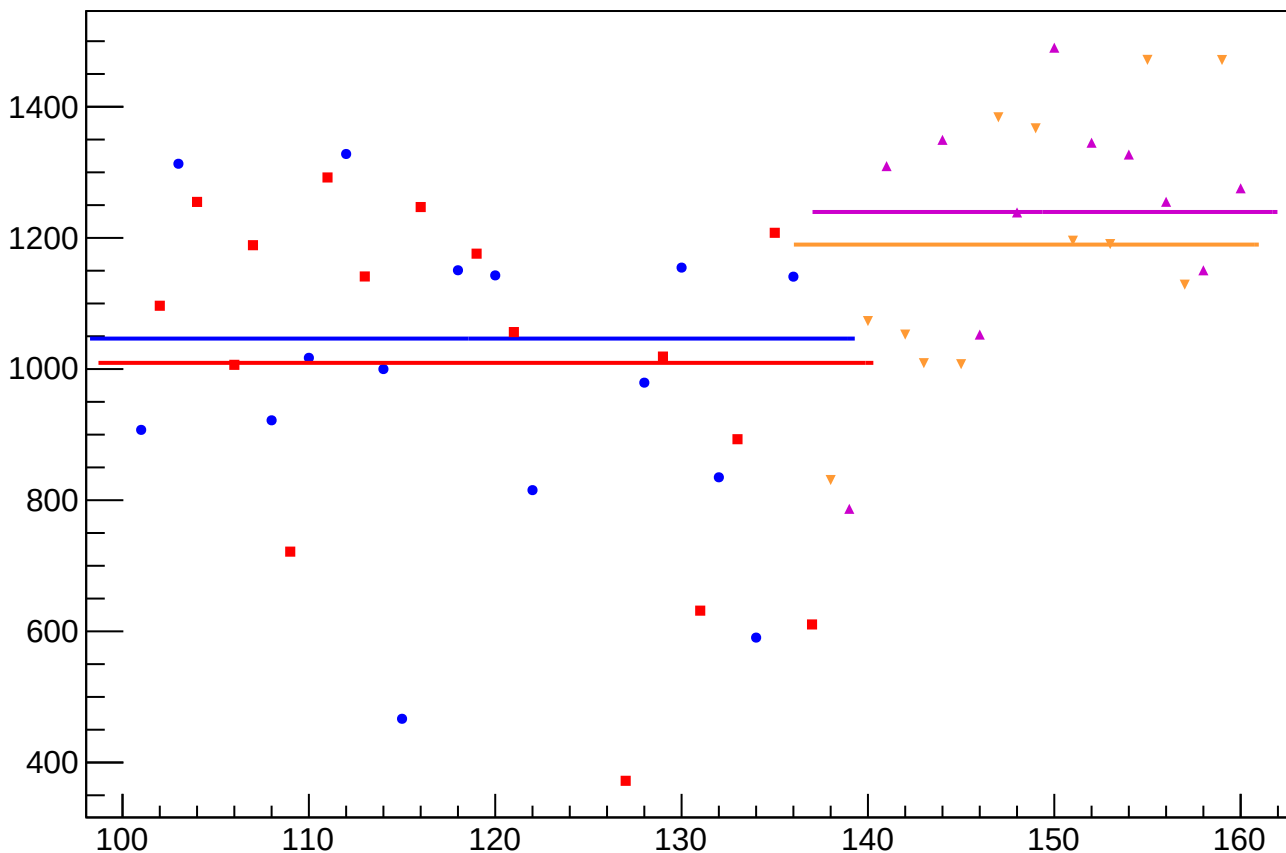
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 6.806+/-0.000 χ^2/NDF : 5243464744446974431083540143669248.0/11

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: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

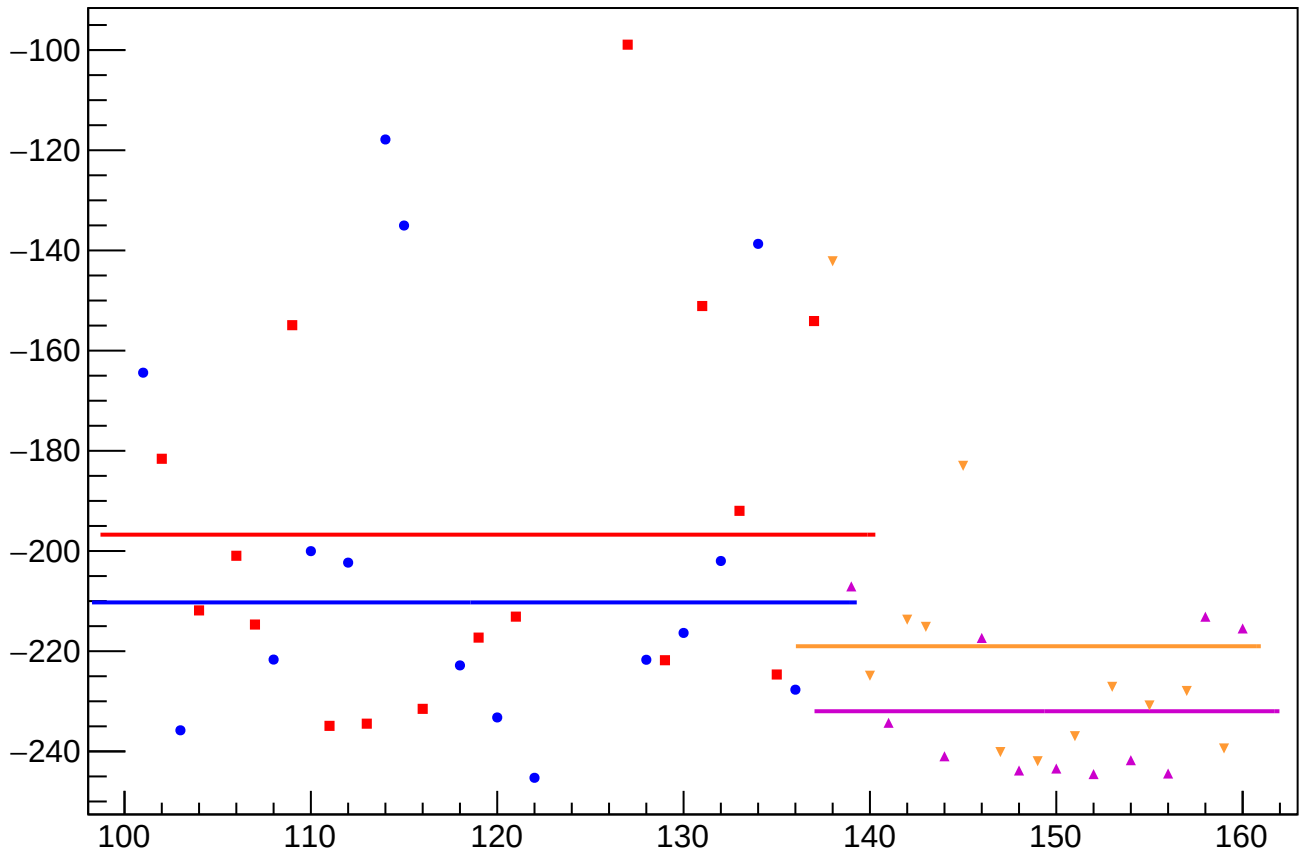
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

All: 1136.802+/-0.000 χ^2/NDF : 16251853607

- 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: -219.010+/-0.000 χ^2/NDF : 731132234342099268900131615977504768.0/11

Right Out: -196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

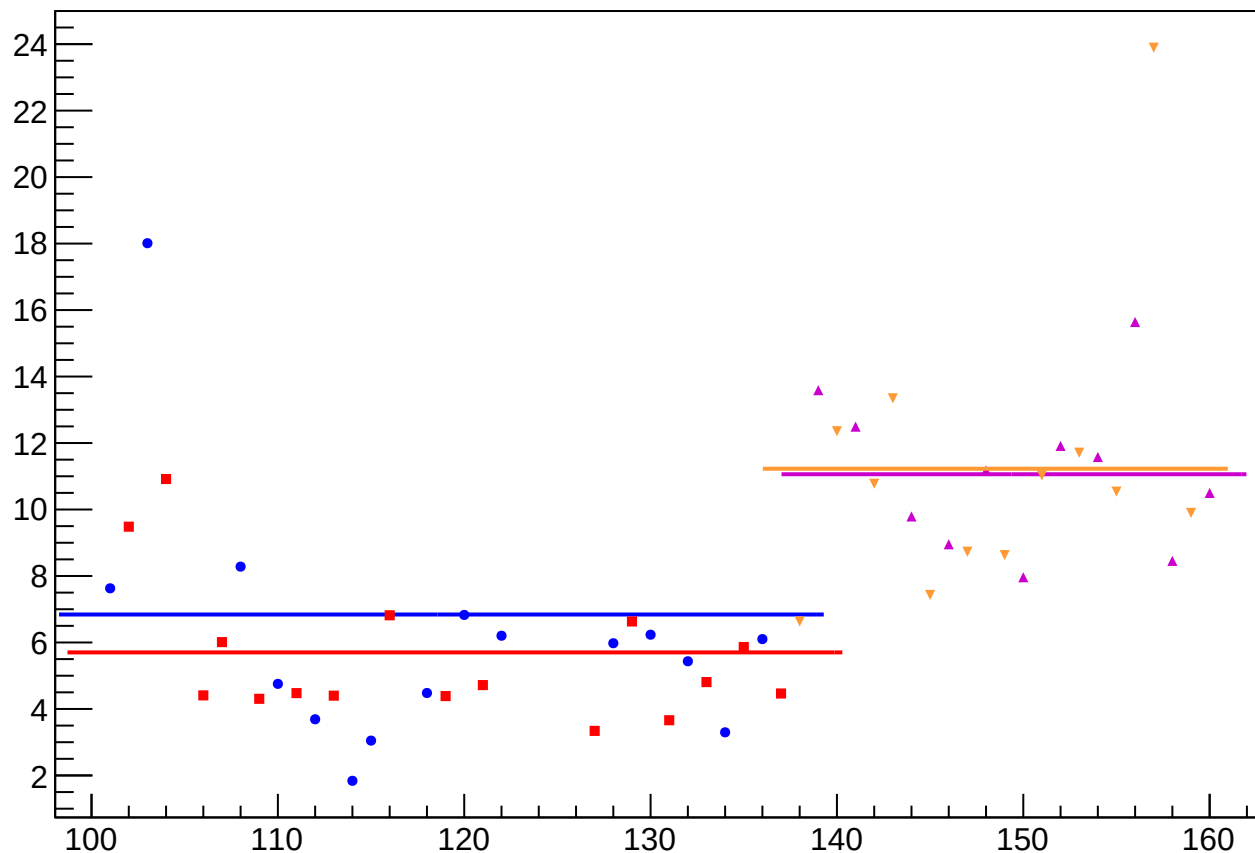
Left In: -231.985+/-0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ sign -215.384+/-0.000 χ^2/NDF : 13279306156099

All: -216.303+/-0.000 χ^2/NDF : 29044263069

- 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: 11.226+/-0.000

χ^2/NDF : 17157831728505810554543577208193024.0/11

Right Out: 5.701+/-0.000

χ^2/NDF : 3174693398300953393137731791486976.0/15

Left In: 11.061+/-0.000

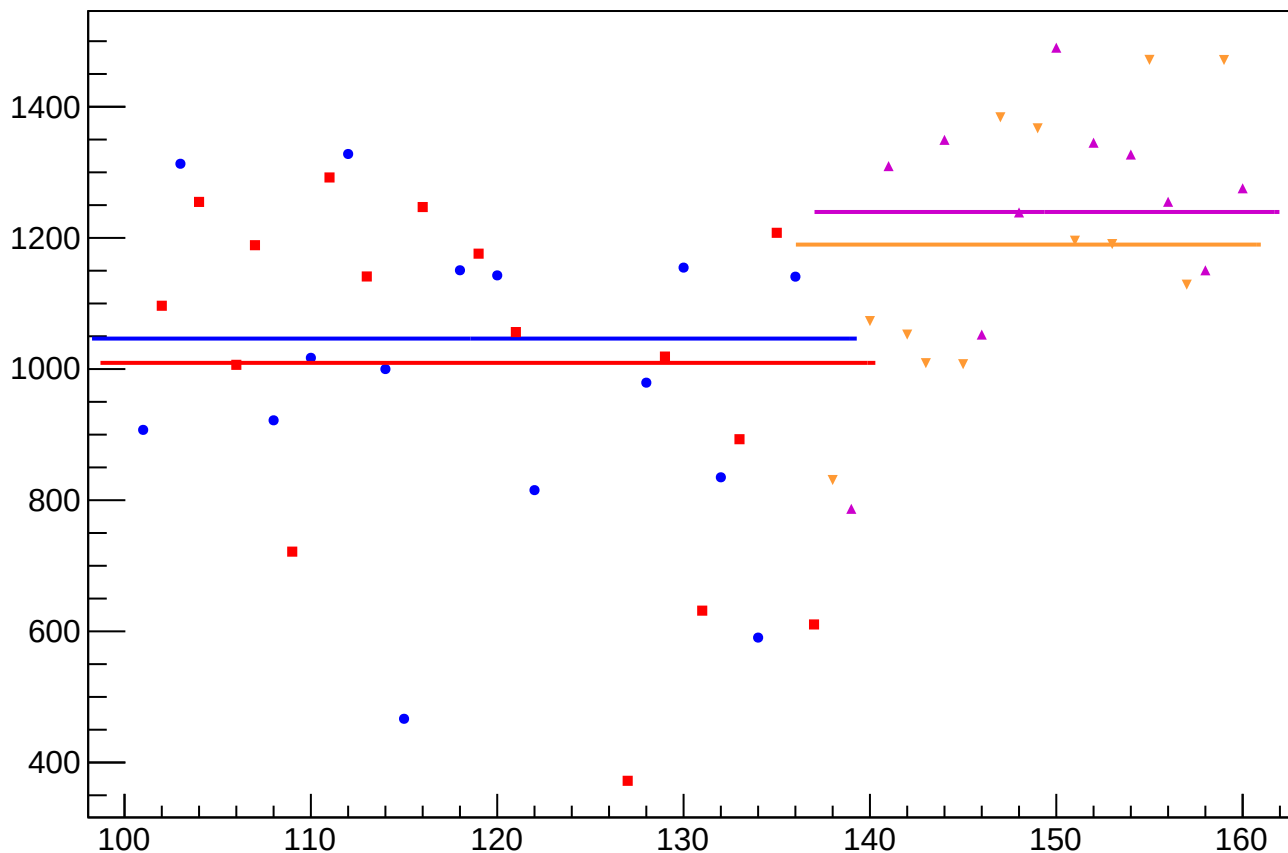
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ sign 9.409+/-0.000 χ^2/NDF : 33820545857638071

All: 9.109+/-0.000 χ^2/NDF : 52820169055963

- sign 8.814+/-0.000 χ^2/NDF : 18719955384548476

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490 $\pm$ 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

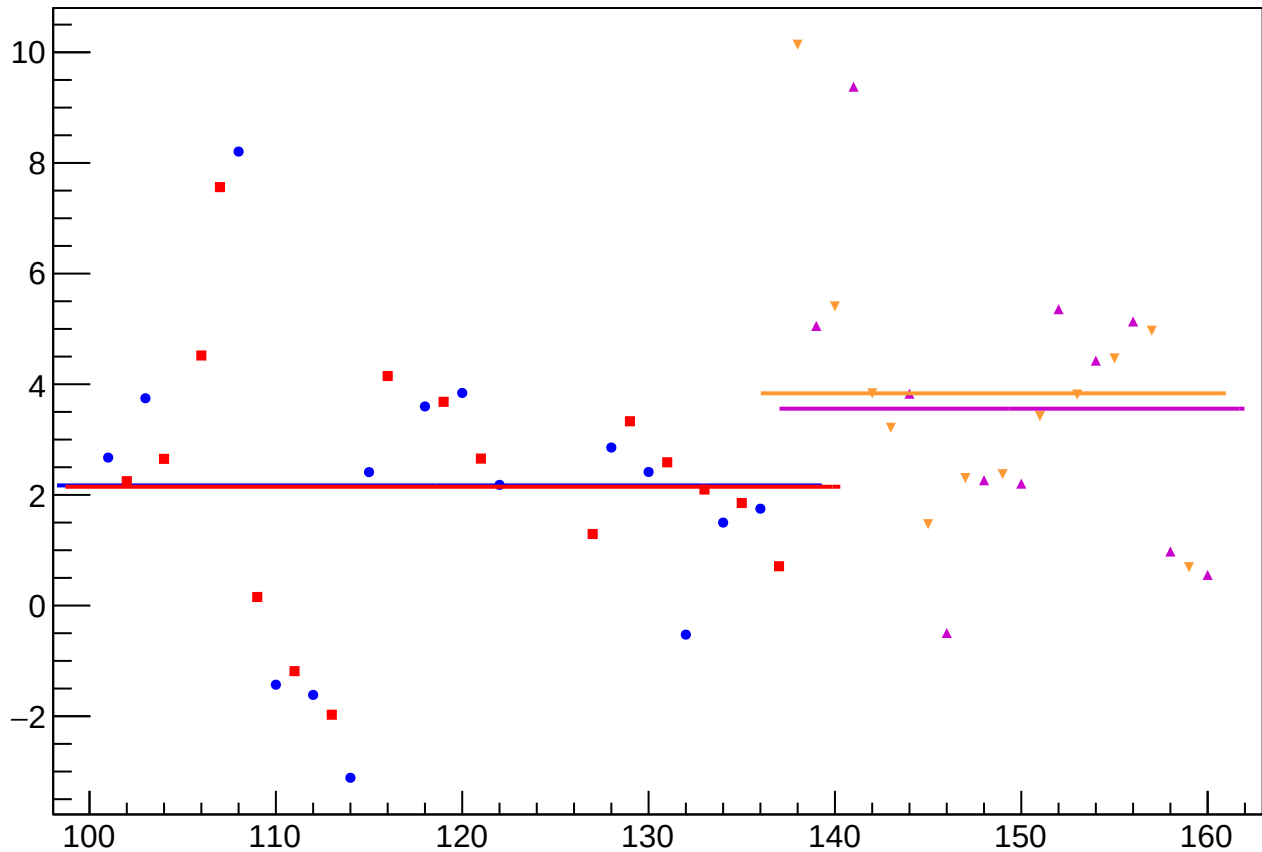
Left Out: 1189.821 $\pm$ 0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445 $\pm$ 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 $\pm$ 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420 $\pm$ 0.000 χ^2/NDF : 68161846076800
 All: 1136.802 $\pm$ 0.000 χ^2/NDF : 16251853607
 - sign 1143.084 $\pm$ 0.000 χ^2/NDF : 94230119572030

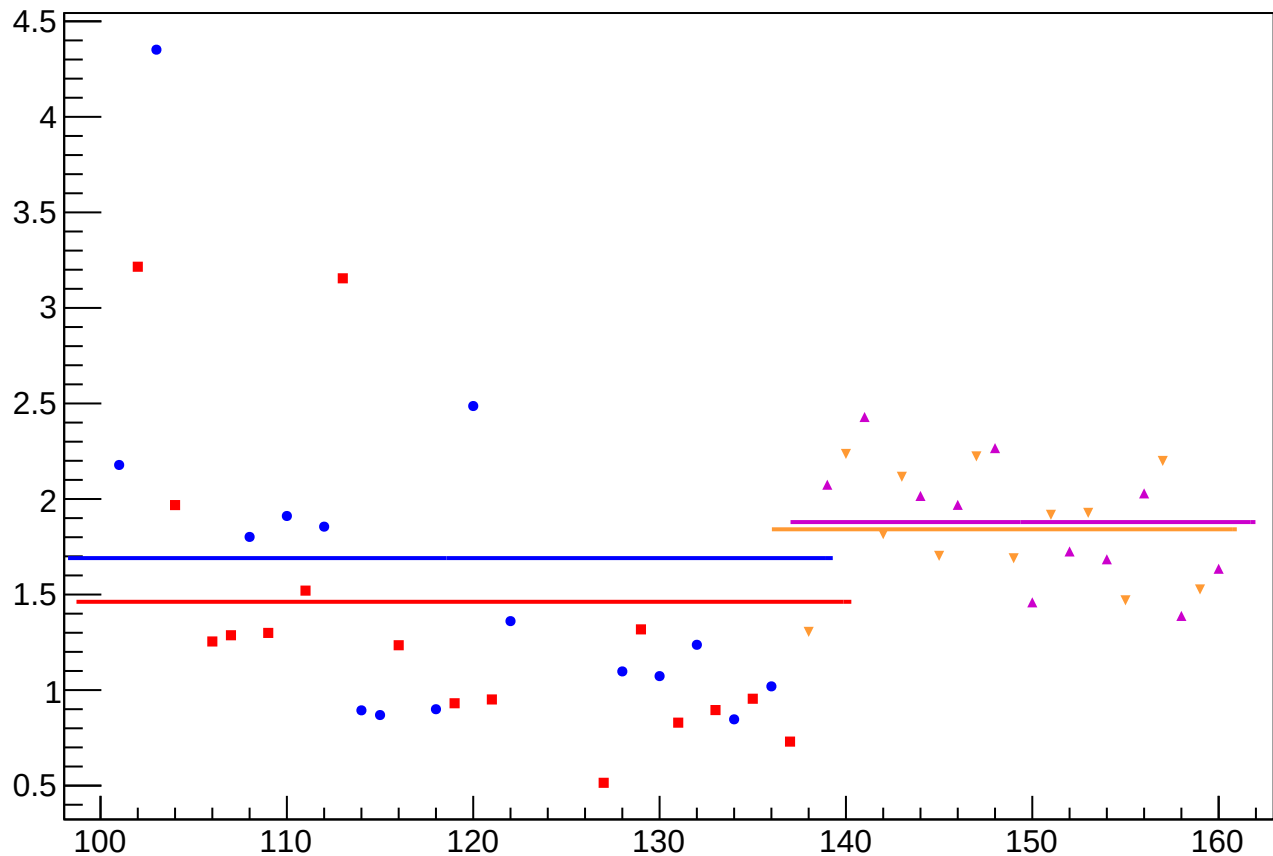
dit_4aY_coil1_mean vs Slug



Right In: 2.171 ± 0.000 $\chi^2/\text{NDF}: 3599819246909975678410499691642880.0/14$
 Left Out: 3.836 ± 0.000 $\chi^2/\text{NDF}: 5077142493205652960507998024761344.0/11$
 Right Out: 2.148 ± 0.000 $\chi^2/\text{NDF}: 3093887336239378959606321931878400.0/15$
 Left In: 3.559 ± 0.000 $\chi^2/\text{NDF}: 6492667345109962540652165758713856.0/10$

+ sign 3.146 ± 0.000 $\chi^2/\text{NDF}: 97297479279386296$
 All: 3.056 ± 0.000 $\chi^2/\text{NDF}: 2011291704236$
 - sign 2.967 ± 0.000 $\chi^2/\text{NDF}: 10357923461678180$

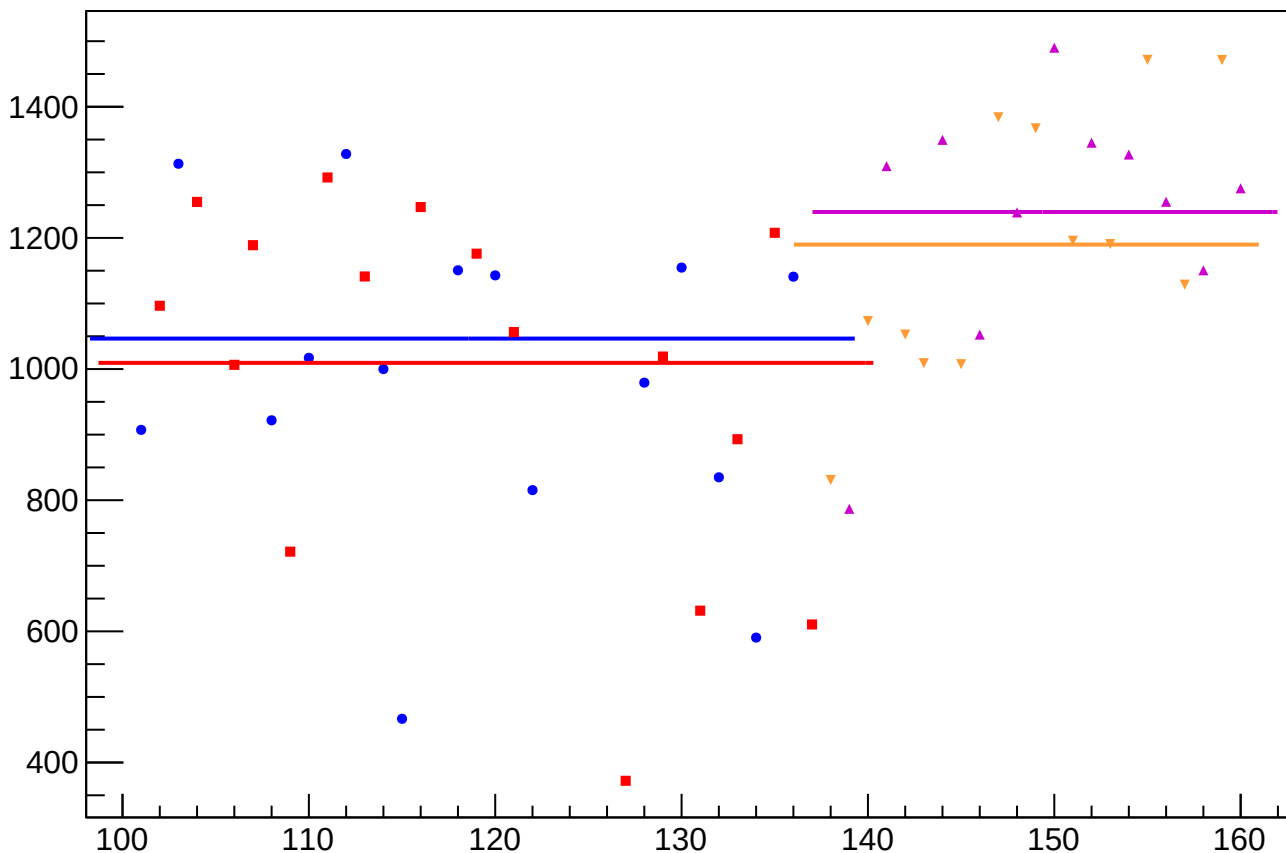
dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 612163393317609859674079412355072.0/14
 Left Out: 1.841 $\pm$ 0.000 χ^2 /NDF: 85338663213371601399207847526400.0/11
 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

+ sign 1.779 $\pm$ 0.000 χ^2 /NDF: 70613055428454118
 All: 1.741 $\pm$ 0.000 χ^2 /NDF: 13132966674058
 - sign 1.704 $\pm$ 0.000 χ^2 /NDF: 60277351909397025

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

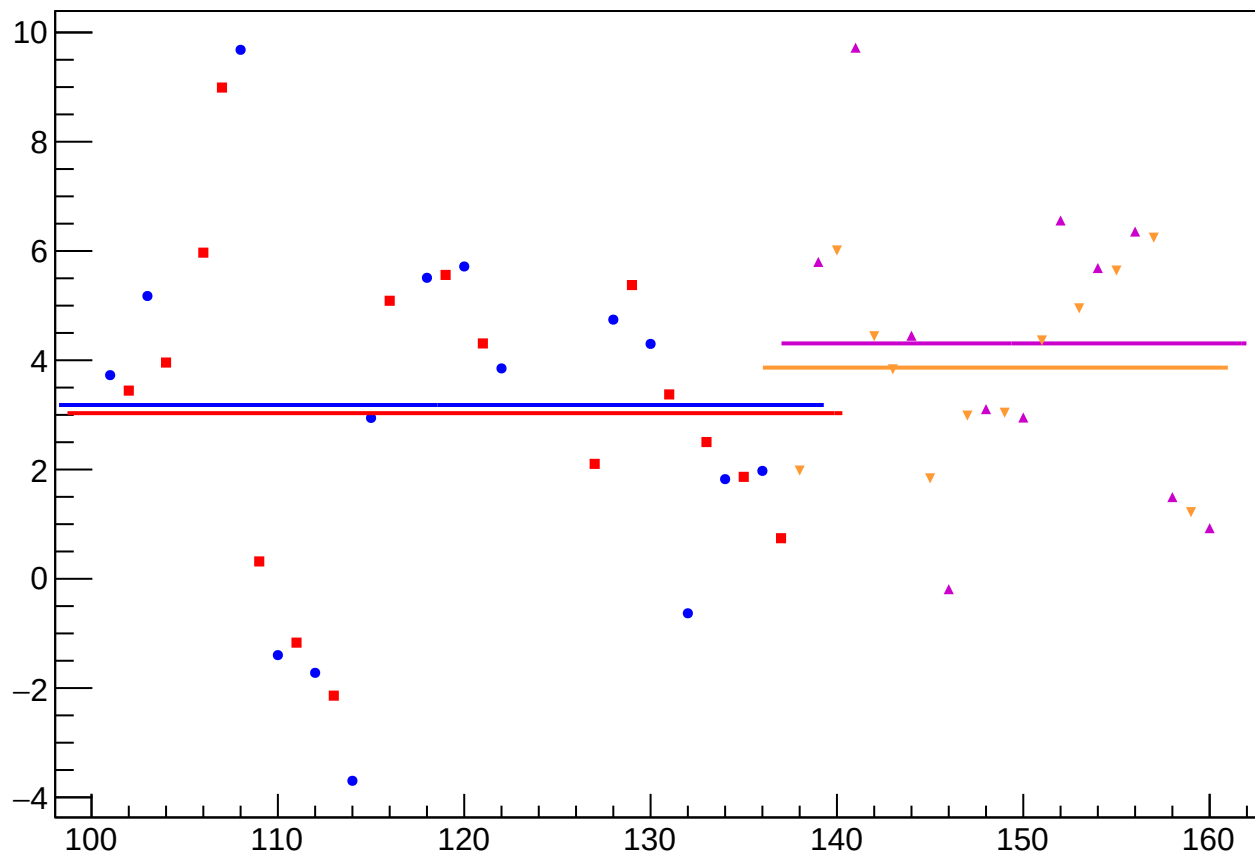
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

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: 1136.802+/-0.000 χ^2/NDF : 16251853607.0/10

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000

χ^2/NDF : 5833303227868252617704566394191872.0/14

Left Out: 3.865+/-0.000

χ^2/NDF : 2498021792424542817214204578103296.0/11

Right Out: 3.032+/-0.000

χ^2/NDF : 4937209831371793945496546833334272.0/15

Left In: 4.308+/-0.000

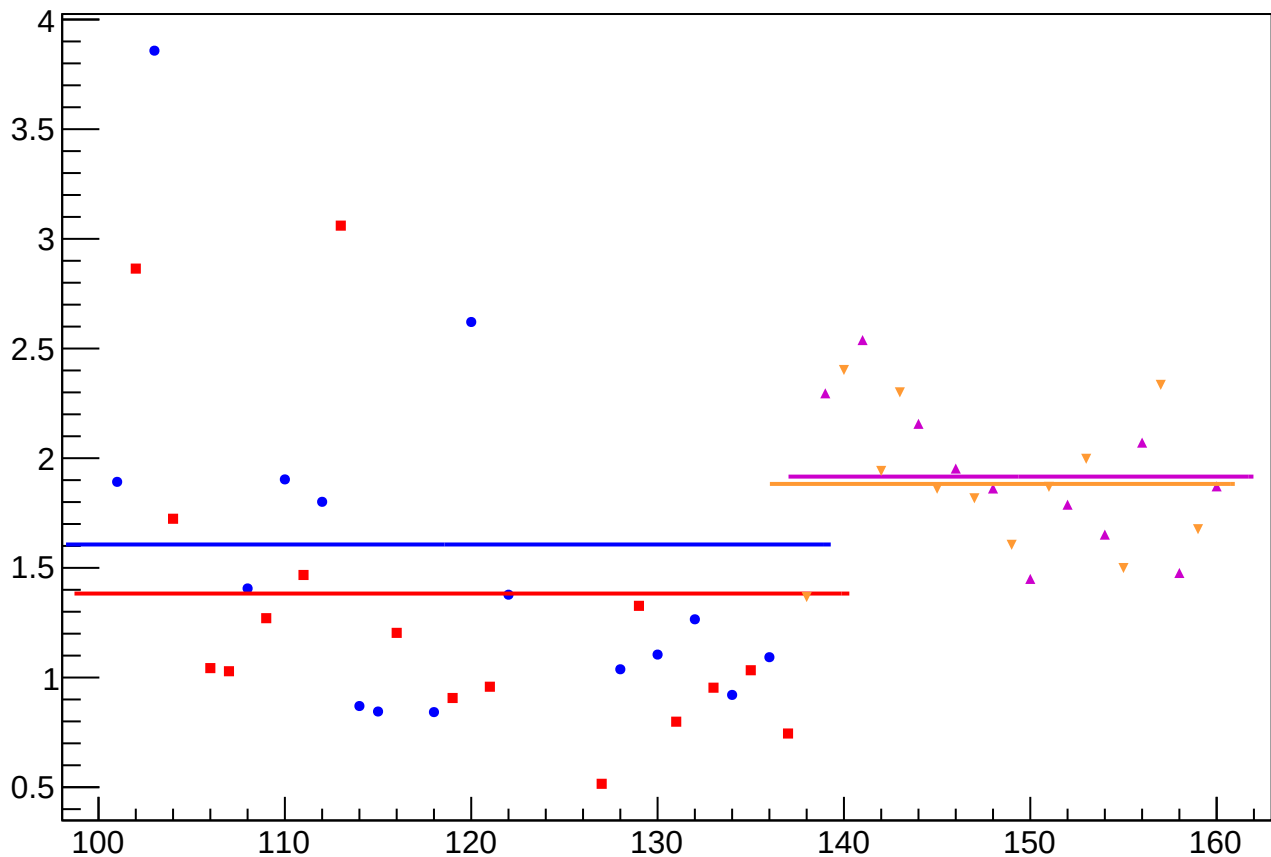
χ^2/NDF : 7073495667694280351803168107003904.0/10

+ sign 3.582+/-0.000 χ^2/NDF : 85092080259822293

All: 3.678+/-0.000 χ^2/NDF : 21180159675612

- 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: 1.883+/-0.000 χ^2/NDF : 93981074591902245168022313500672.0/11

Right Out: 1.383+/-0.000 χ^2/NDF : 358348897016286200957650337792000.0/15

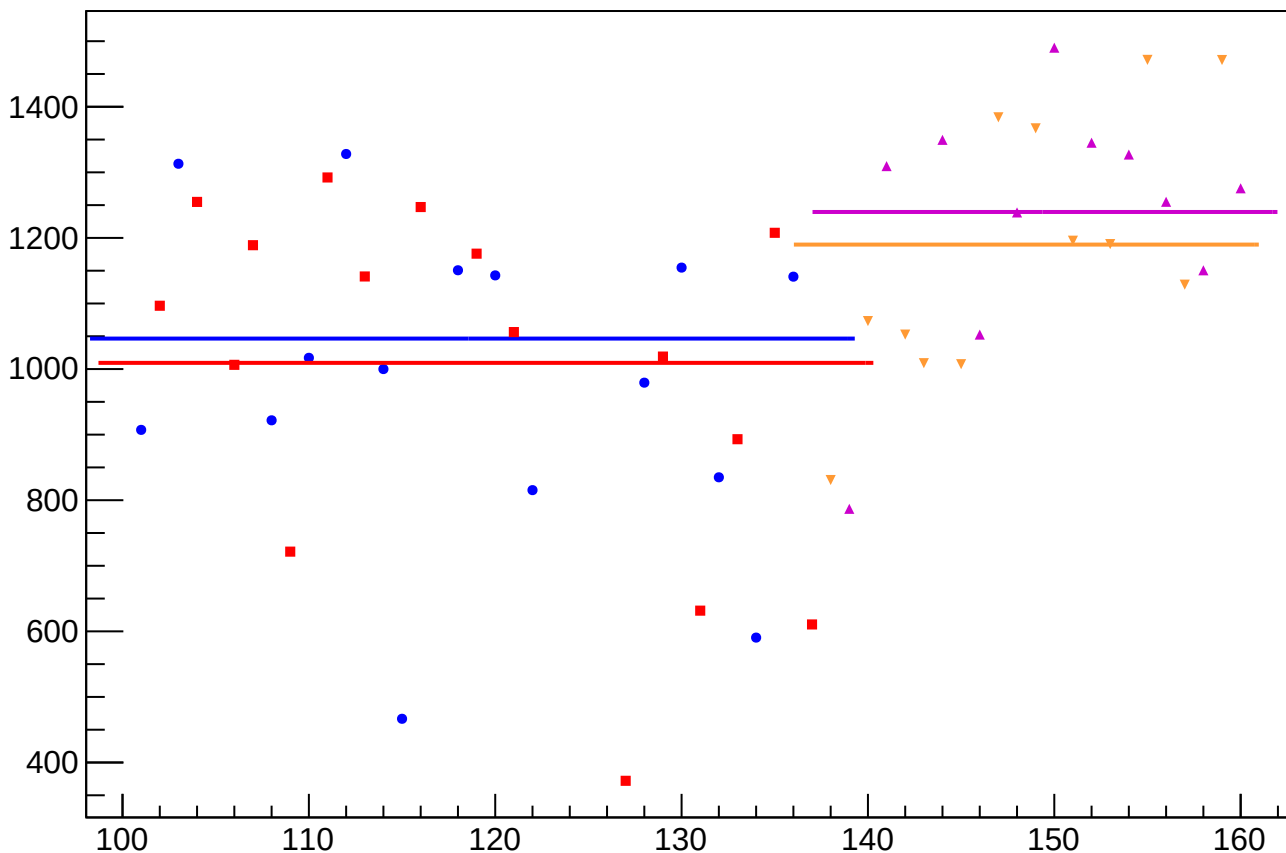
Left In: 1.916+/-0.000 χ^2/NDF : 95276515809016209875699691945984.0/10

+ sign 1.768+/-0.000 χ^2/NDF : 58390522381555336

All: 1.730+/-0.000 χ^2/NDF : 11521784061619

- 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

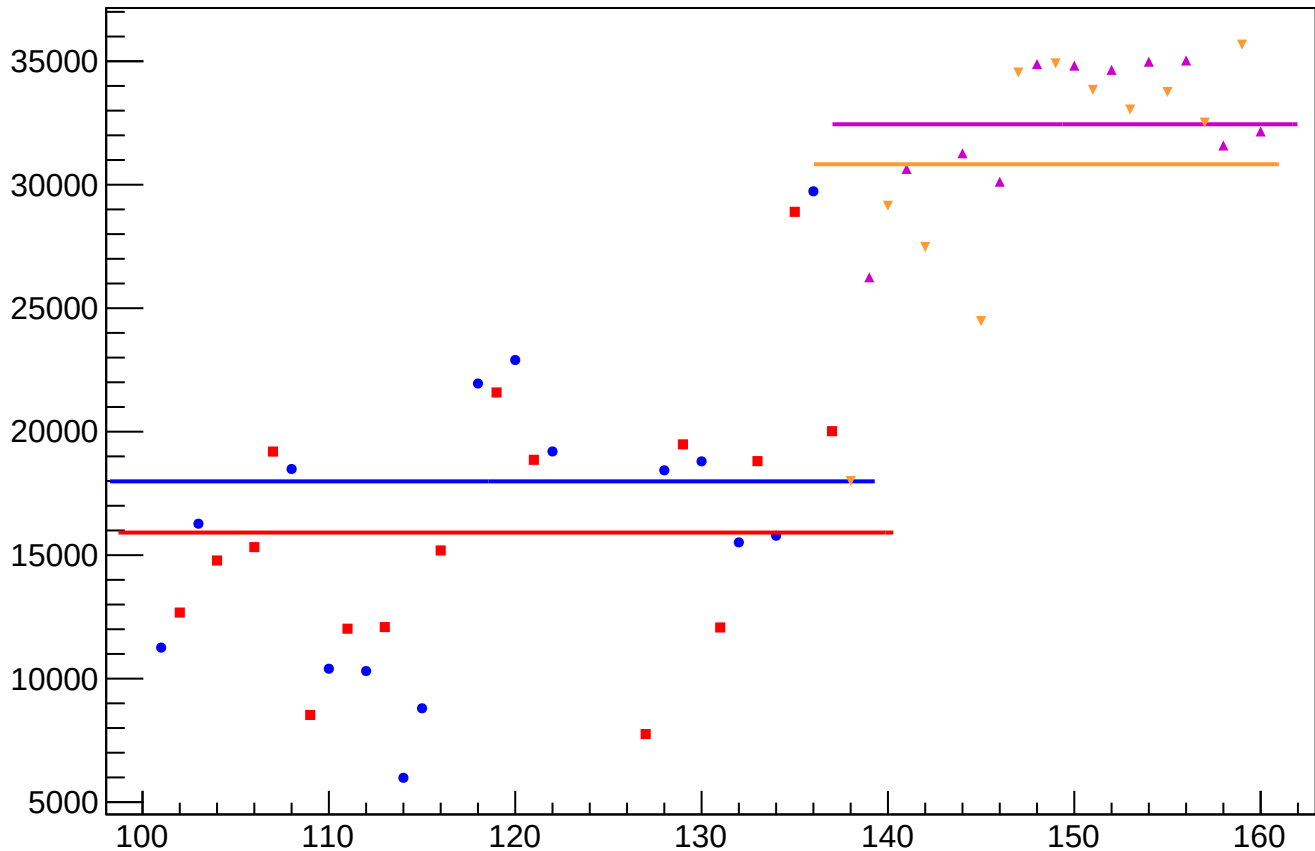
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

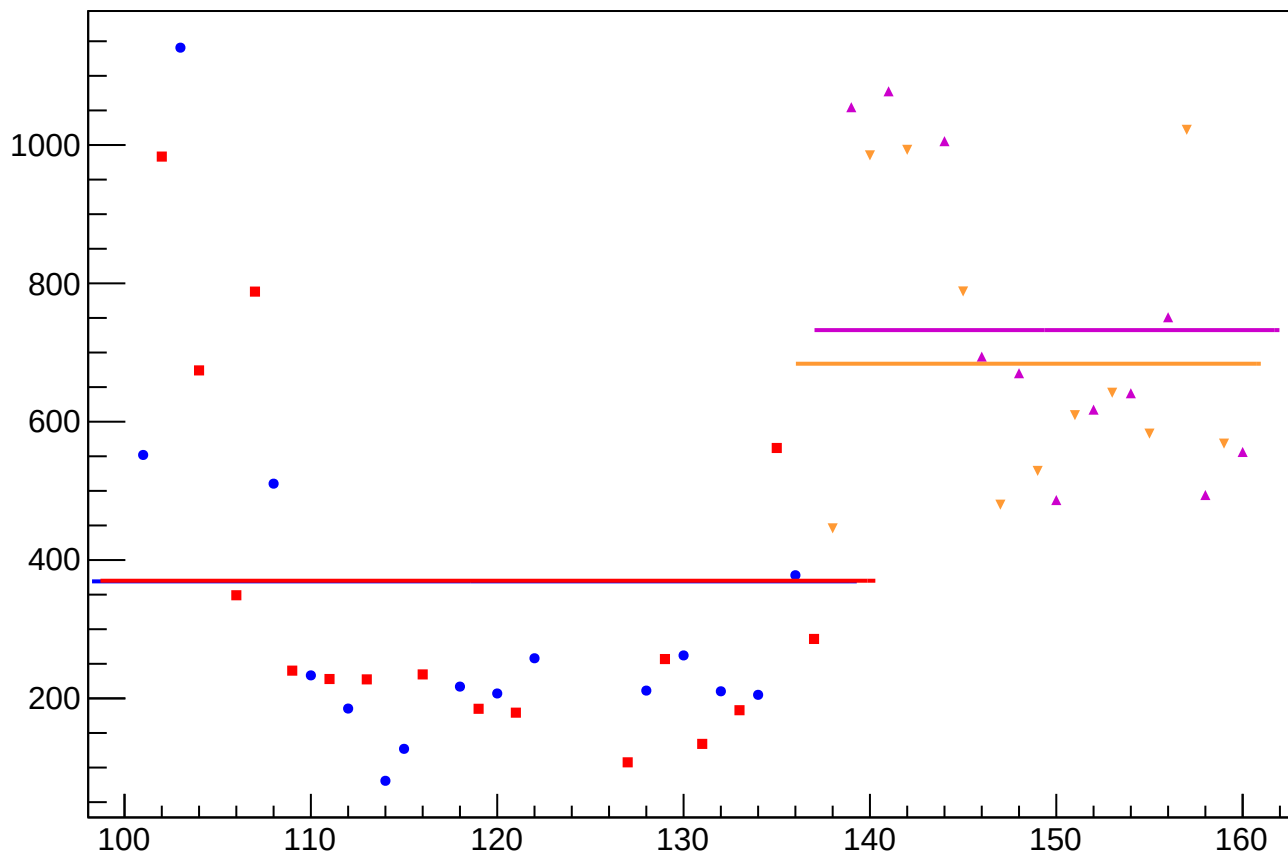
All: 1136.802+/-0.000 χ^2/NDF : 16251853607.0/40

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF : 24815111809984217103544001237552952508416.0/14
 Left Out: 30828.996+/-0.000 χ^2/NDF : 23225941804061934913195205321671126810624.0/10
 Right Out: 15915.227+/-0.000 χ^2/NDF : 19954189674705952707042287416087223992320.0/15
 Left In: 32448.675+/-0.000 χ^2/NDF : 6566176061380629796456552080625585094656.0/10

dit_usl_coil1_err_mean vs Slug



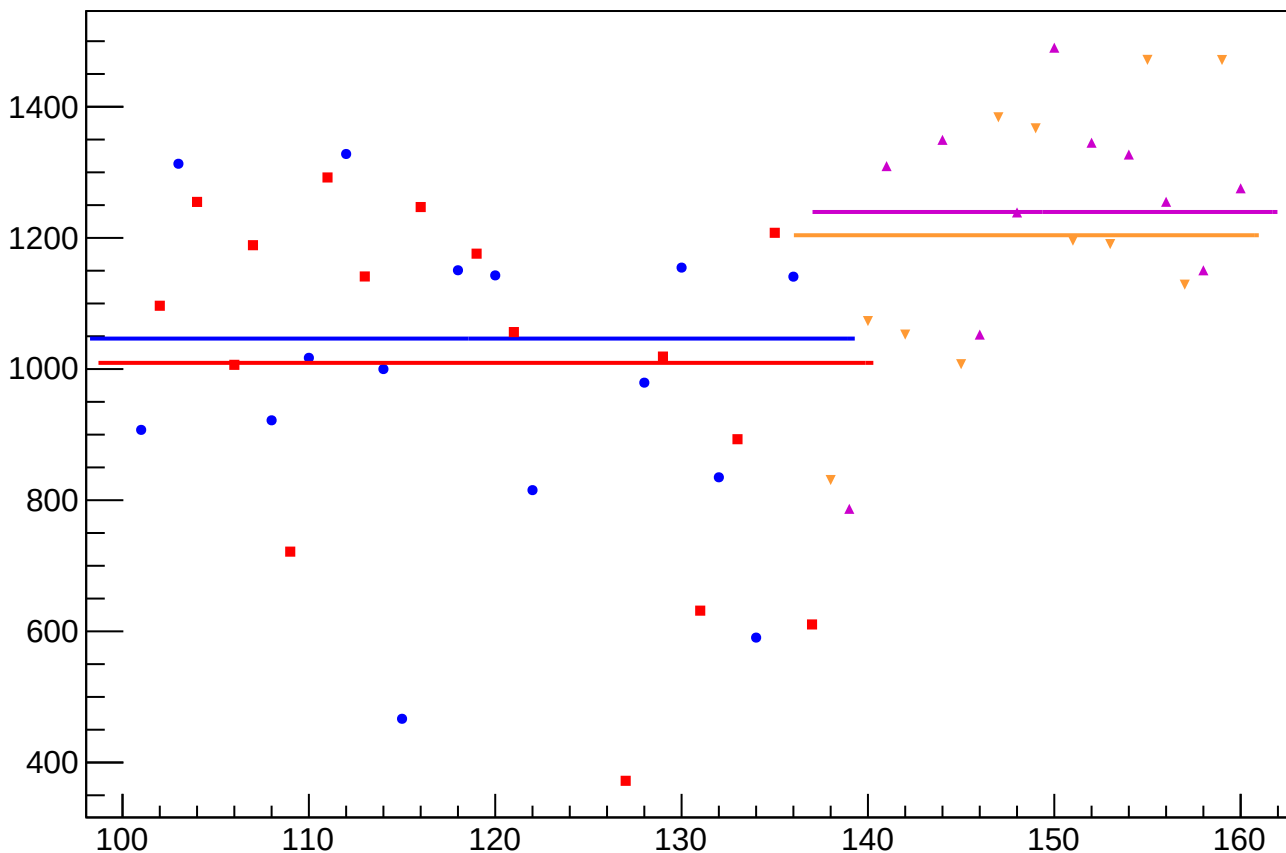
Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

Left Out: 683.818+/-0.000 χ^2/NDF : 33889213327859325358647069977975193600.0/10

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



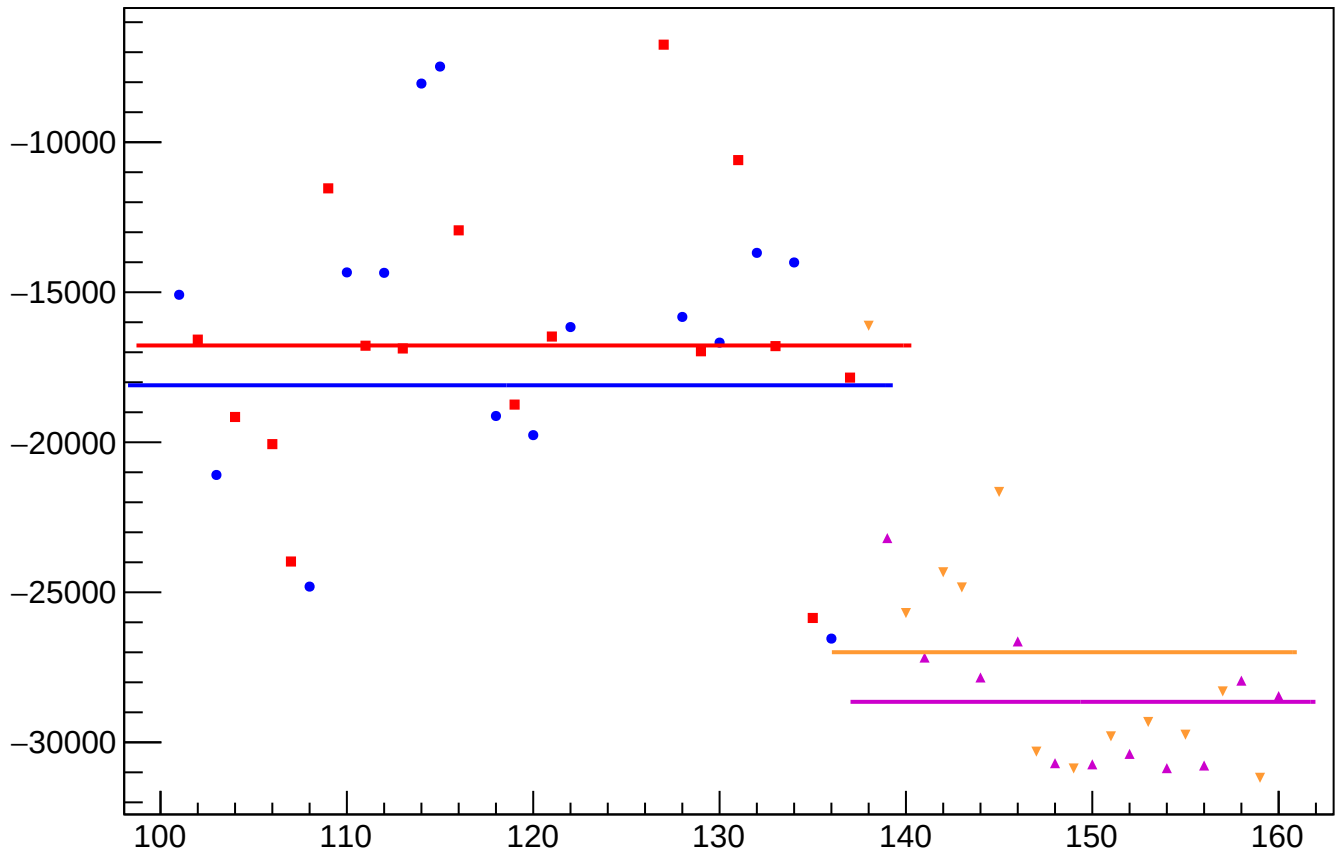
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1204.078+/-0.000 χ^2/NDF : 33123375714267646220347434218144399360.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

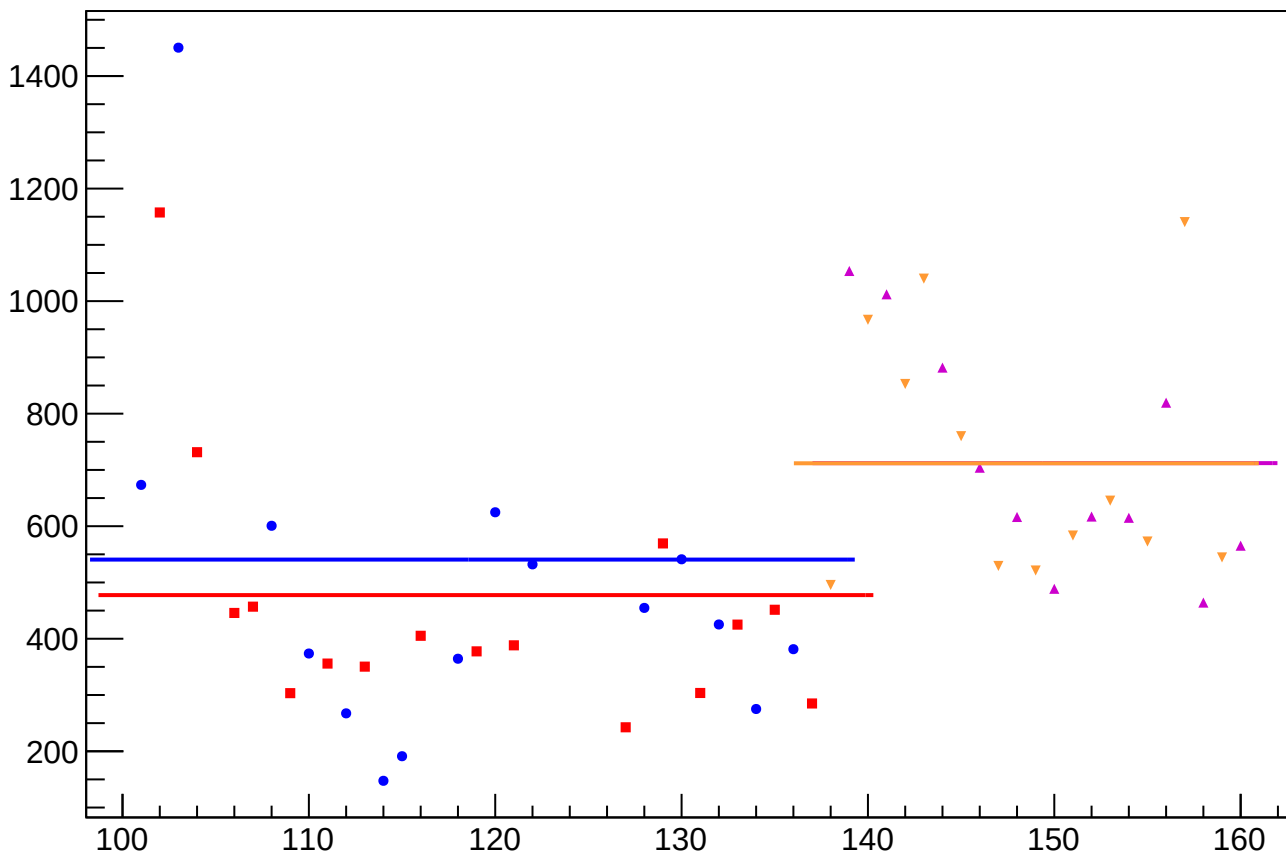
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -26996.716+/-0.000 χ^2/NDF : 17646333216214404420096394486681509560320.0/11
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: -28650.410+/-0.000 χ^2/NDF : 4838827535981080826725947474344765554688.0/10
 All: -23492.010+/-0.000 χ^2/NDF : 136175733
 + sign -23309.899+/-0.000 χ^2/NDF : 623572604420
 - 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: 711.811+/-0.000 χ^2/NDF : 42886755103535989888278439443042402304.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

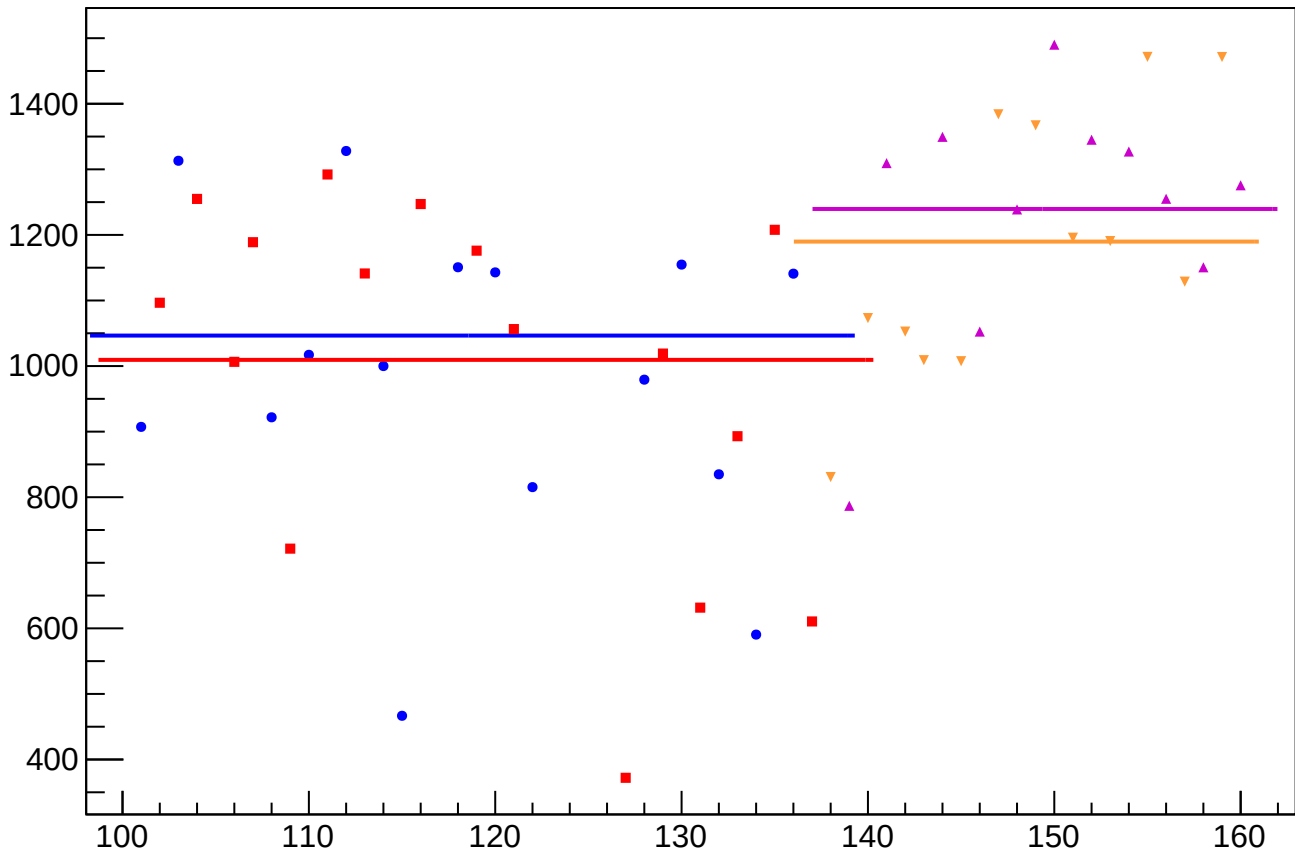
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 640.881+/-0.000 χ^2/NDF : 118565397303067

All: 627.215+/-0.000 χ^2/NDF : 213346191589

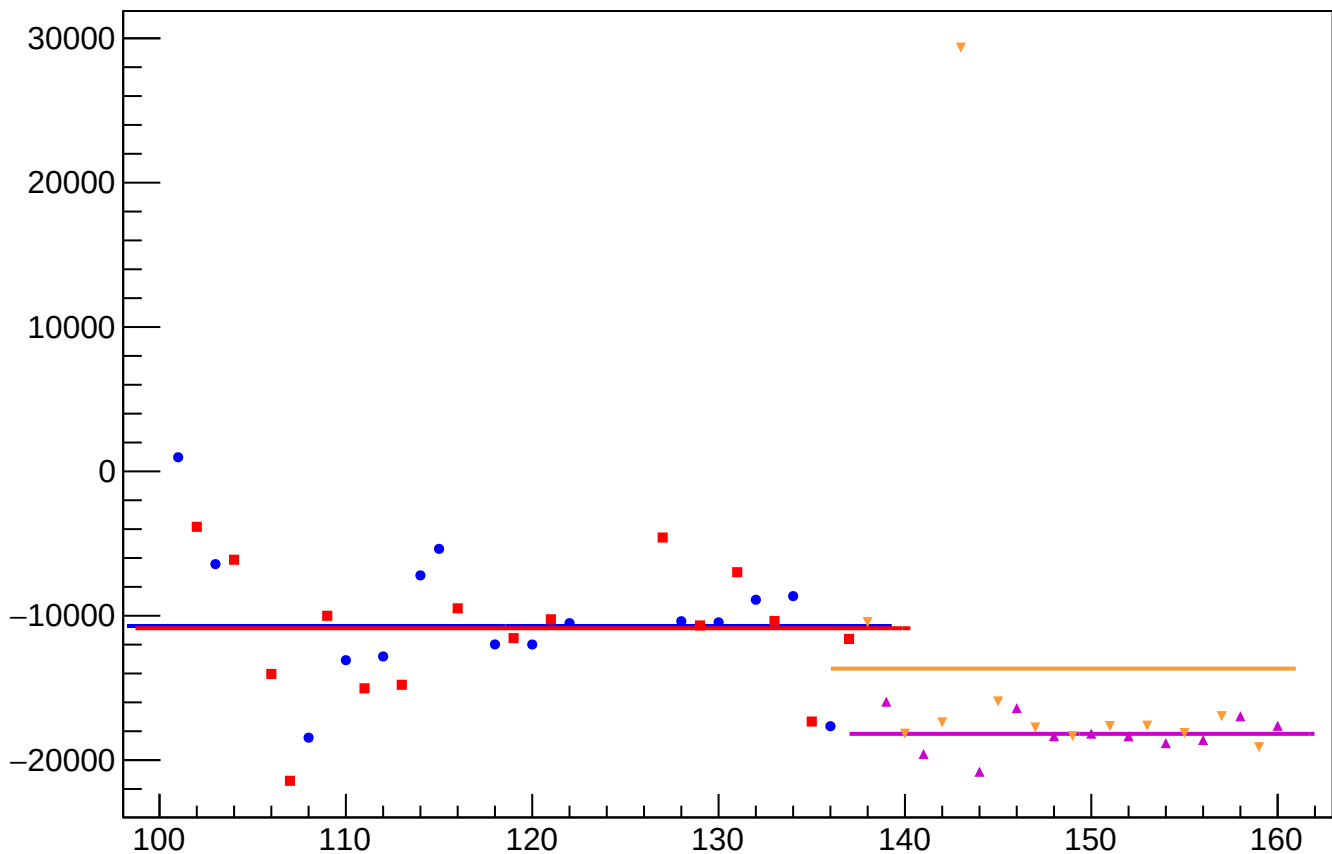
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



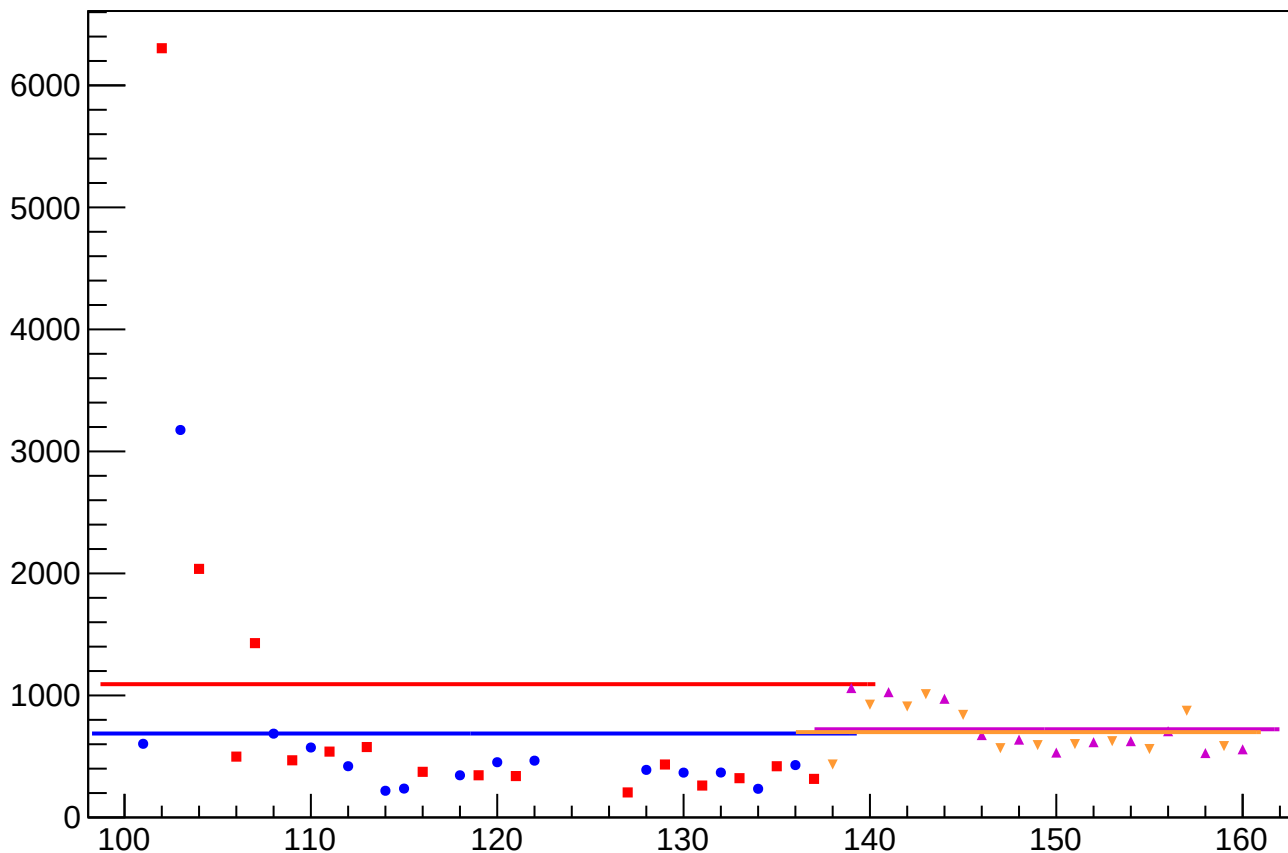
Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1130.420+/-0.000	χ^2/NDF : 68161846076800
Left Out: 1189.821+/-0.000	χ^2/NDF : 35487872642876563282140008444600516608.0/11	All: 1136.802+/-0.000	χ^2/NDF : 16251853607
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000	χ^2/NDF : 16945226152053511840482618402250170564608.0/14
Left Out: -13660.650+/-0.000	χ^2/NDF : 137996899958511608921126321459037955162112.0/11
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 -12437.928+/-0.000 χ^2/NDF : 158250171839	
All: -13786.919+/-0.000 χ^2/NDF : 200512620	
- 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

+ sign 694.726+/-0.000 χ^2/NDF : 437631008003960

Left Out: 699.529+/-0.000 χ^2/NDF : 28282813130903909256088396264464449536.0/11

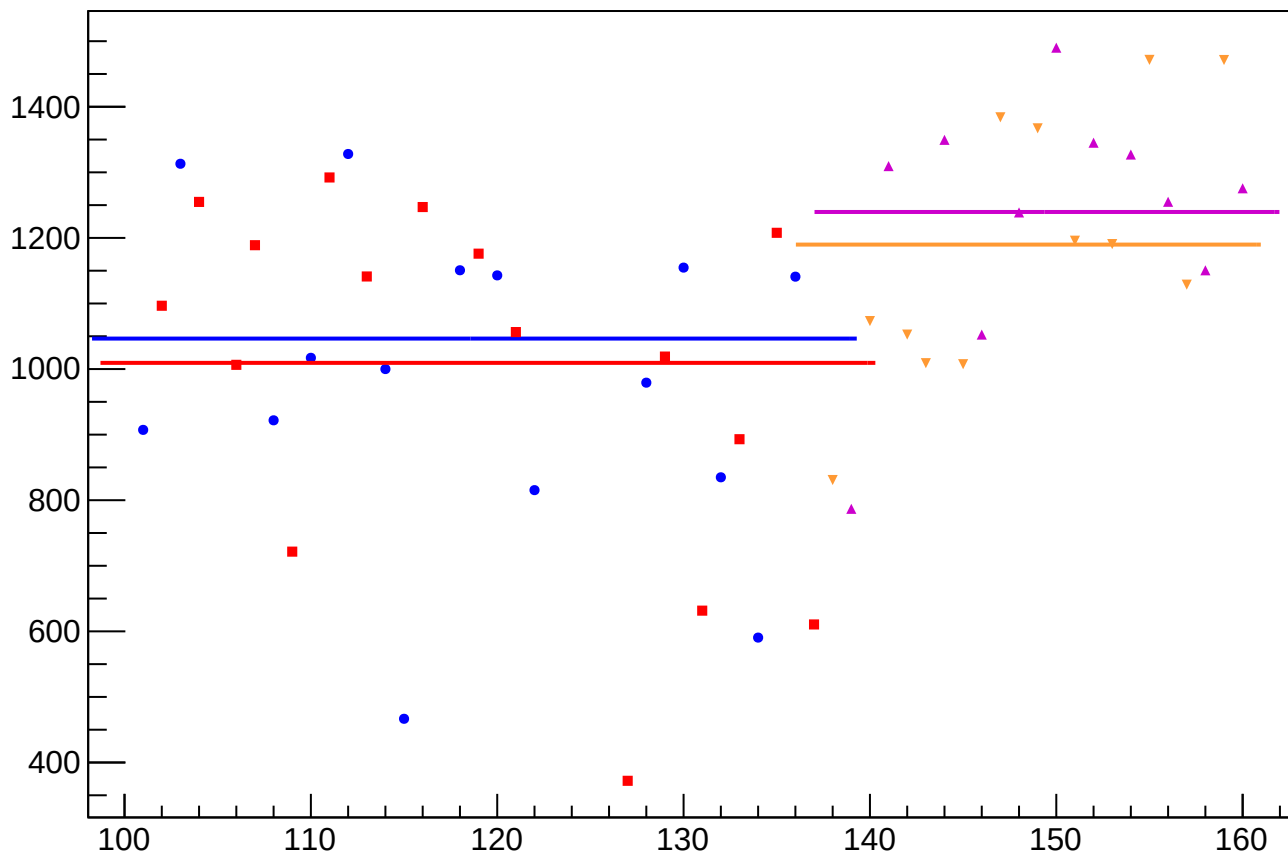
All: 786.917+/-0.000 χ^2/NDF : 243382664775

Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

- sign 877.659+/-0.000 χ^2/NDF : 196978539018965

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: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

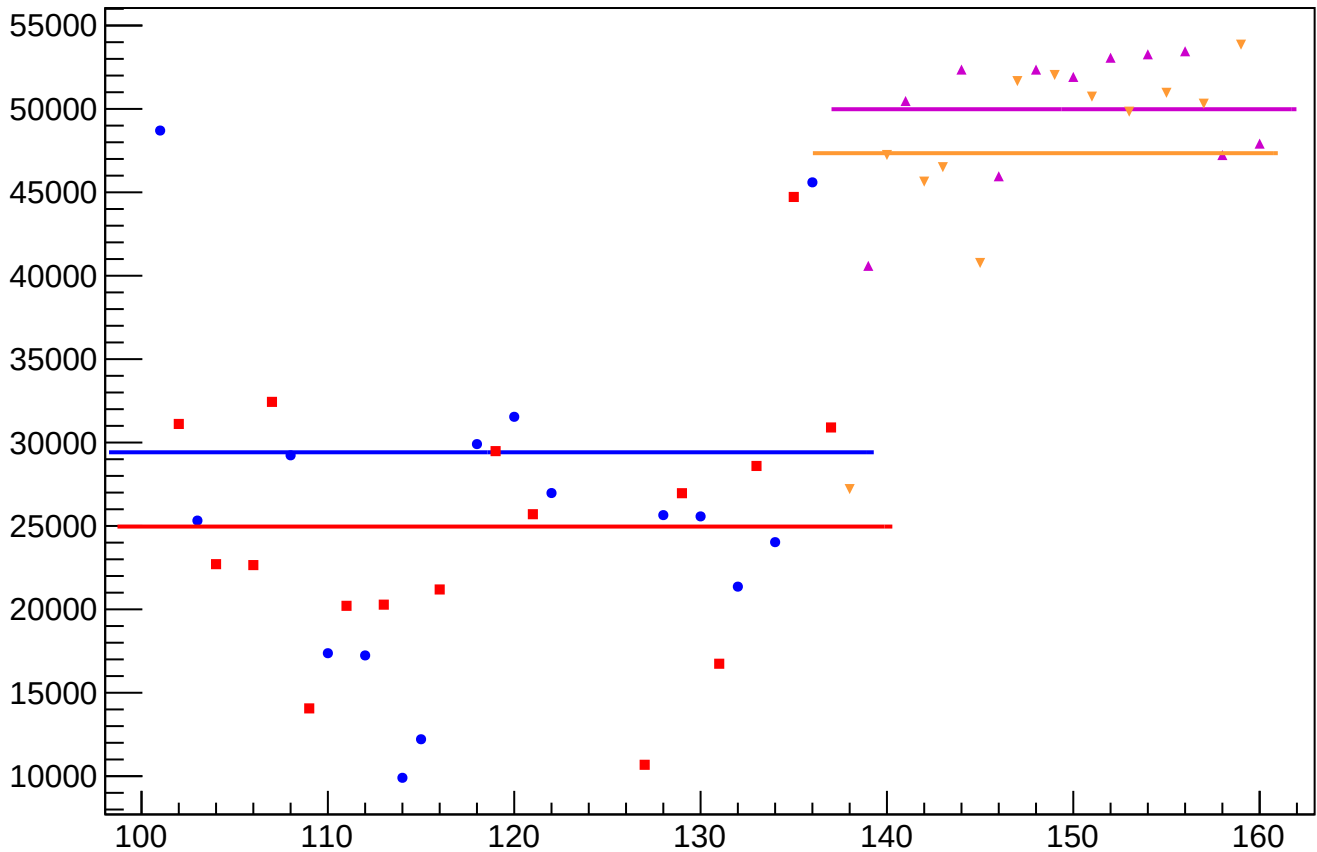
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

All: 1136.802+/-0.000 χ^2/NDF : 16251853607

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

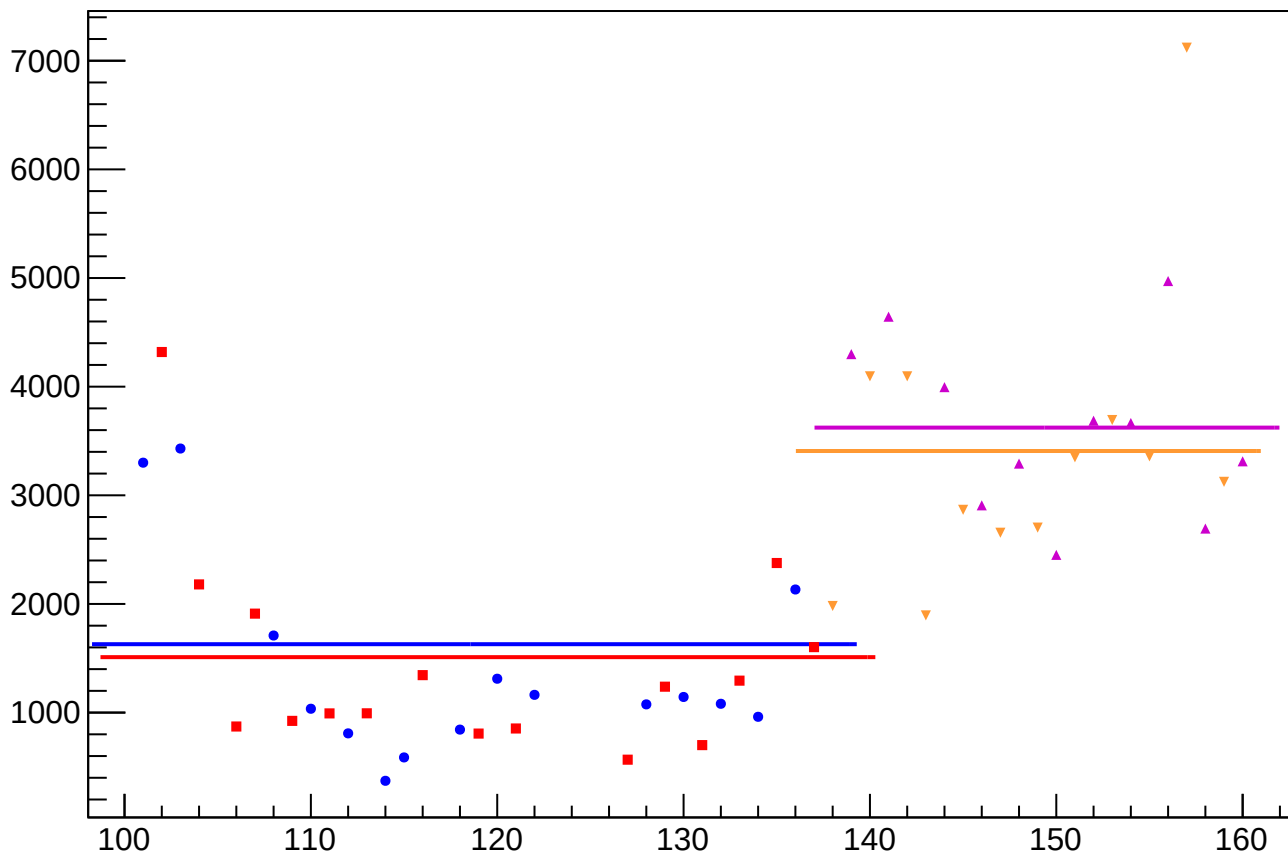
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47346.512+/-0.000	χ^2/NDF : 45161873845138471299889685507142267699200.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10

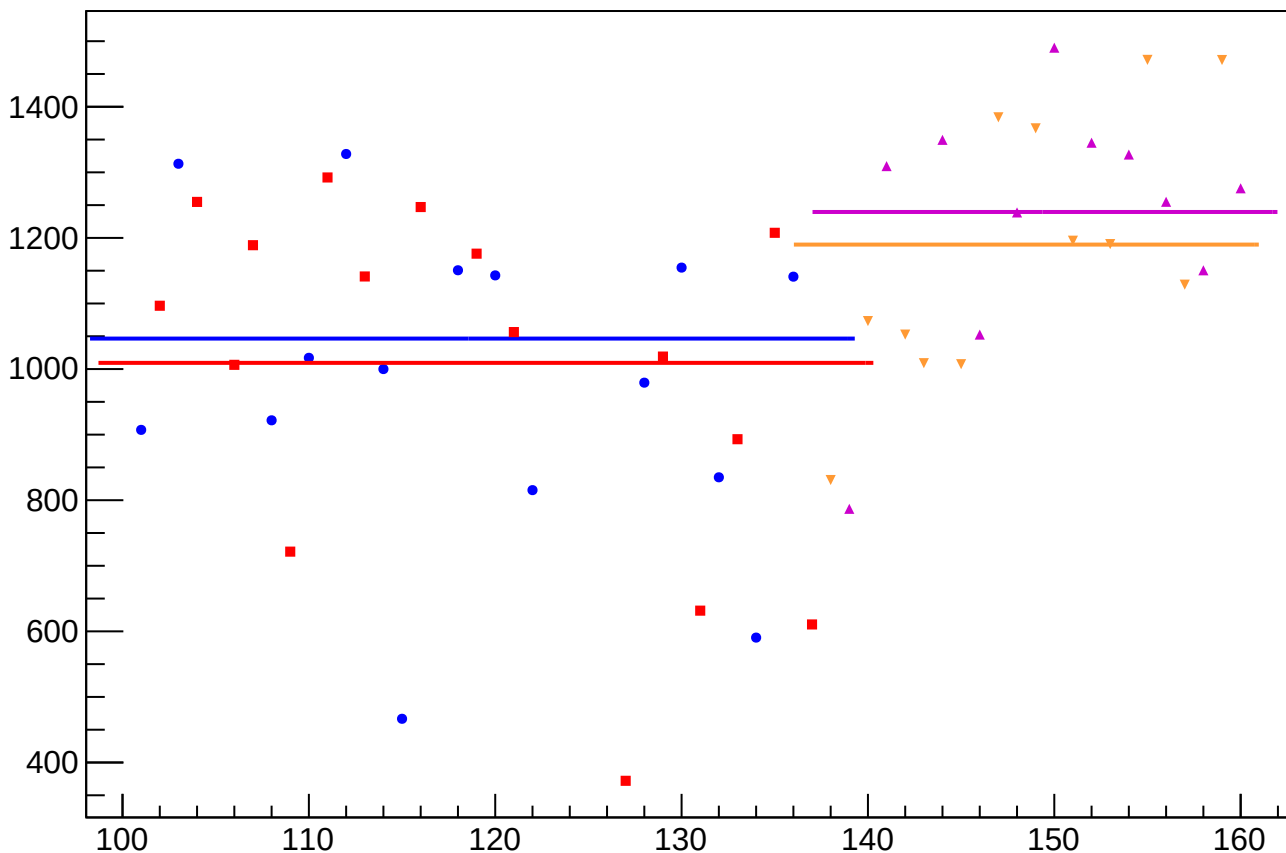
+ sign 39915.469+/-0.000 χ^2/NDF : 2391113044287
 All: 39702.686+/-0.000 χ^2/NDF : 5408657163
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14	+ sign 2670.799+/-0.000	χ^2/NDF : 33382731249401
Left Out: 3407.741+/-0.000	χ^2/NDF : 1584870057929033939797166763050451075072.0/11	All: 2704.332+/-0.000	χ^2/NDF : 62969127221
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15	- sign 2737.338+/-0.000	χ^2/NDF : 29551454832887
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10		

dit_atl2_coil1_Ndata_mean vs Slug



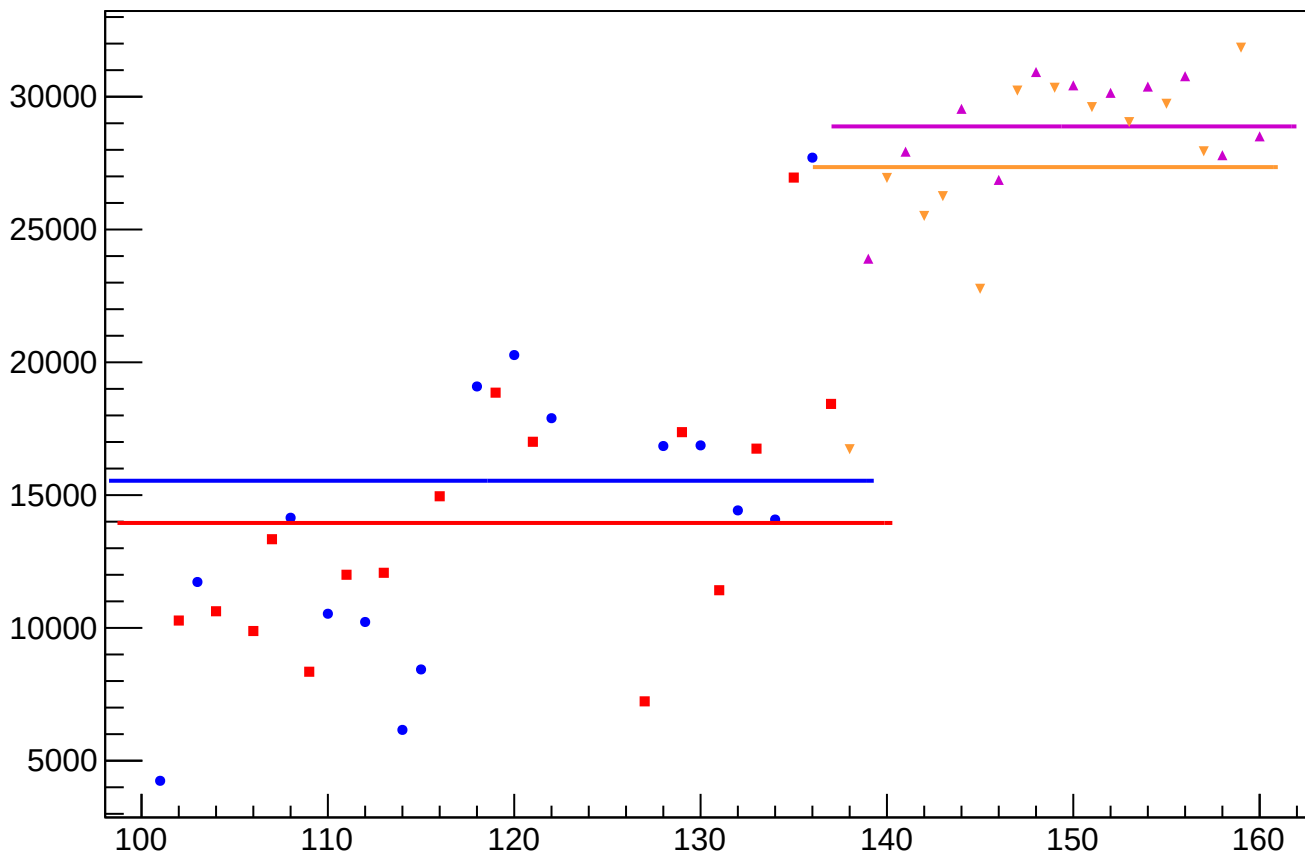
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821 ± 0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

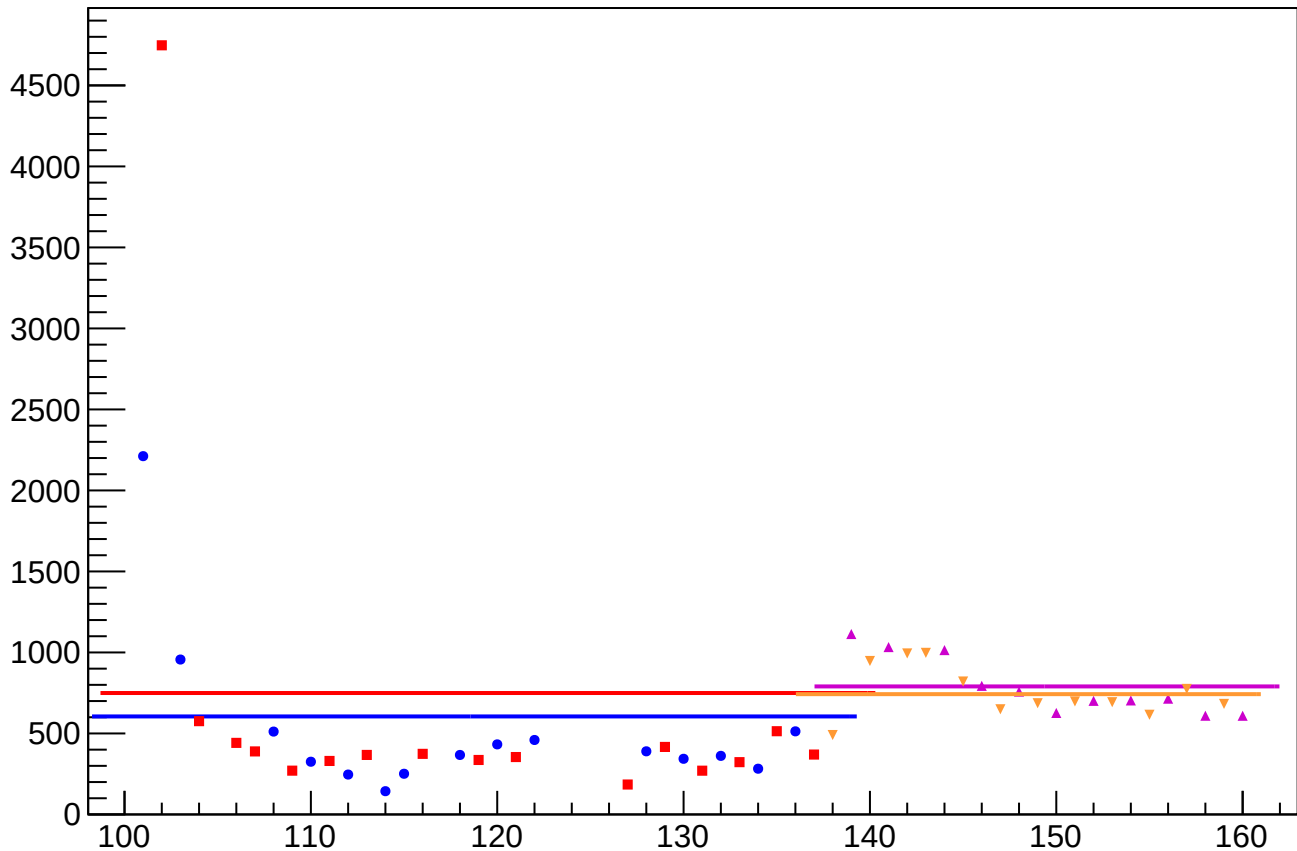
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 27349.847+/-0.000	χ^2/NDF : 14883456917386062267776172319393710080000.0/11
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 22455.798+/-0.000 χ^2/NDF : 9526429400020
 All: 22539.875+/-0.000 χ^2/NDF : 2023487718
 - sign 22622.631+/-0.000 χ^2/NDF : 1070625118466

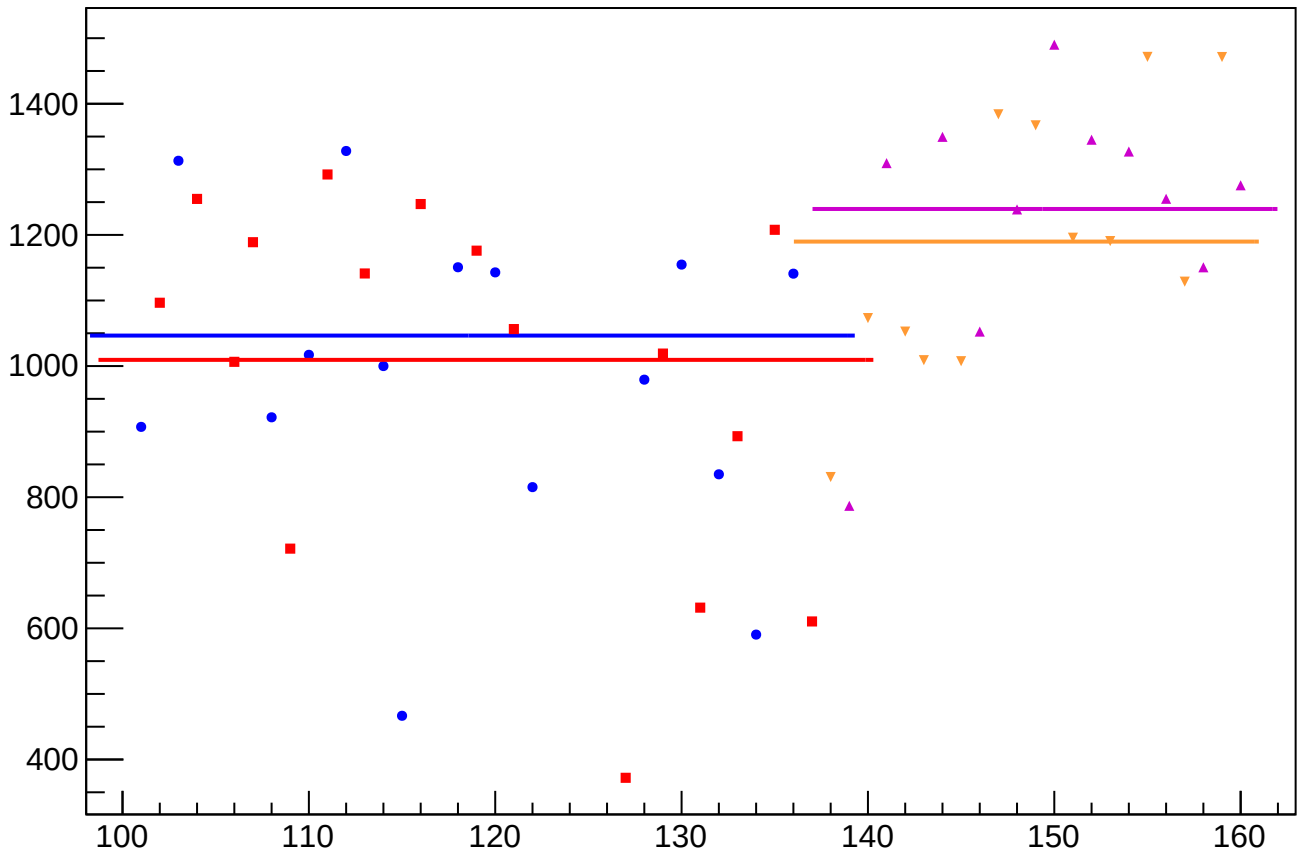
dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000	χ^2/NDF : 189401522791607614448600157723362852864.0/14
Left Out: 742.547+/-0.000	χ^2/NDF : 19133072840660474437485049781053030400.0/11
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 685.557+/-0.000 χ^2/NDF : 215721008292600.0/11
 All: 729.736+/-0.000 χ^2/NDF : 127116228852.0/11
 - sign 773.220+/-0.000 χ^2/NDF : 104937647672496.0/11

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

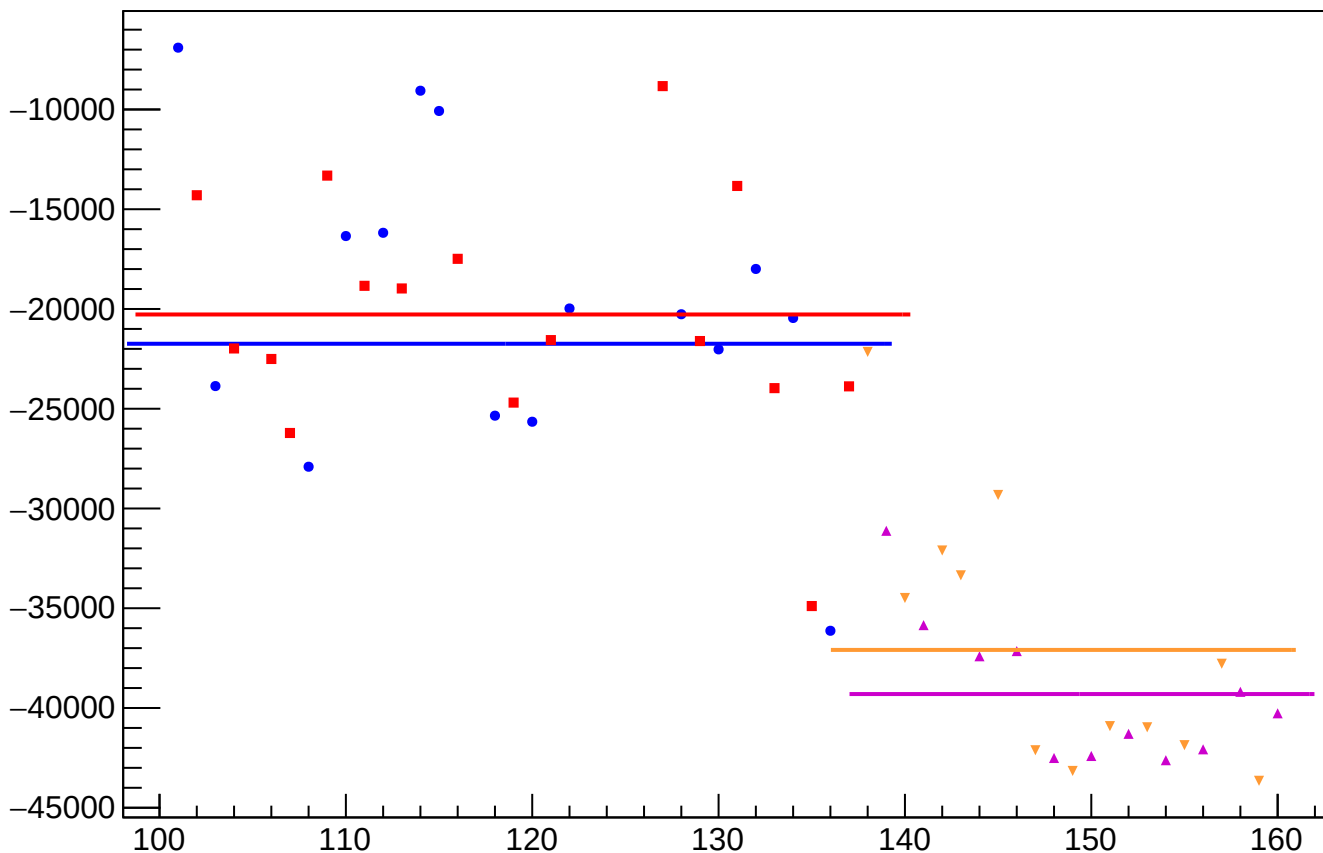
All: 1136.802+/-0.000 χ^2/NDF : 16251853607

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

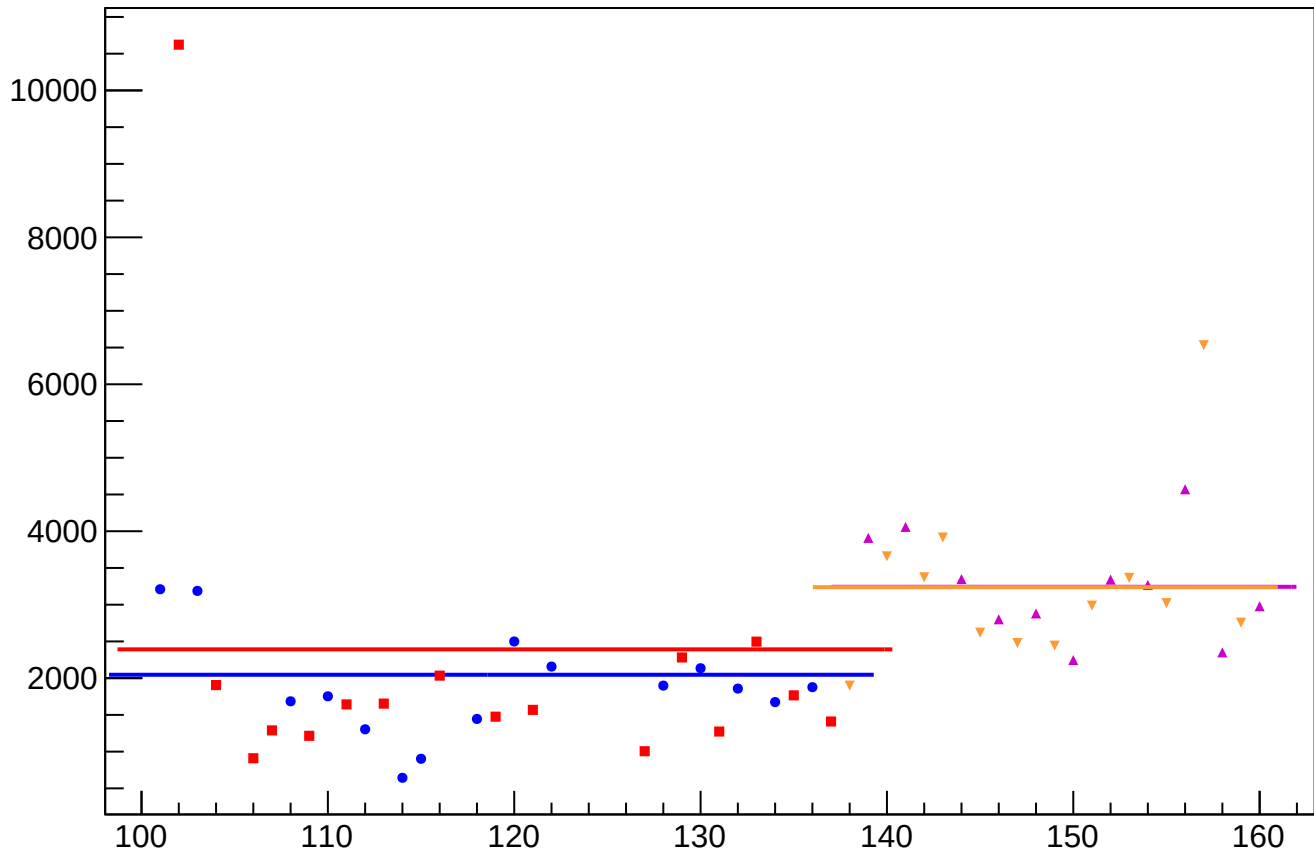
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37089.024+/-0.000 χ^2/NDF : 37696615174692315635920208068597564571648.0/11
 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



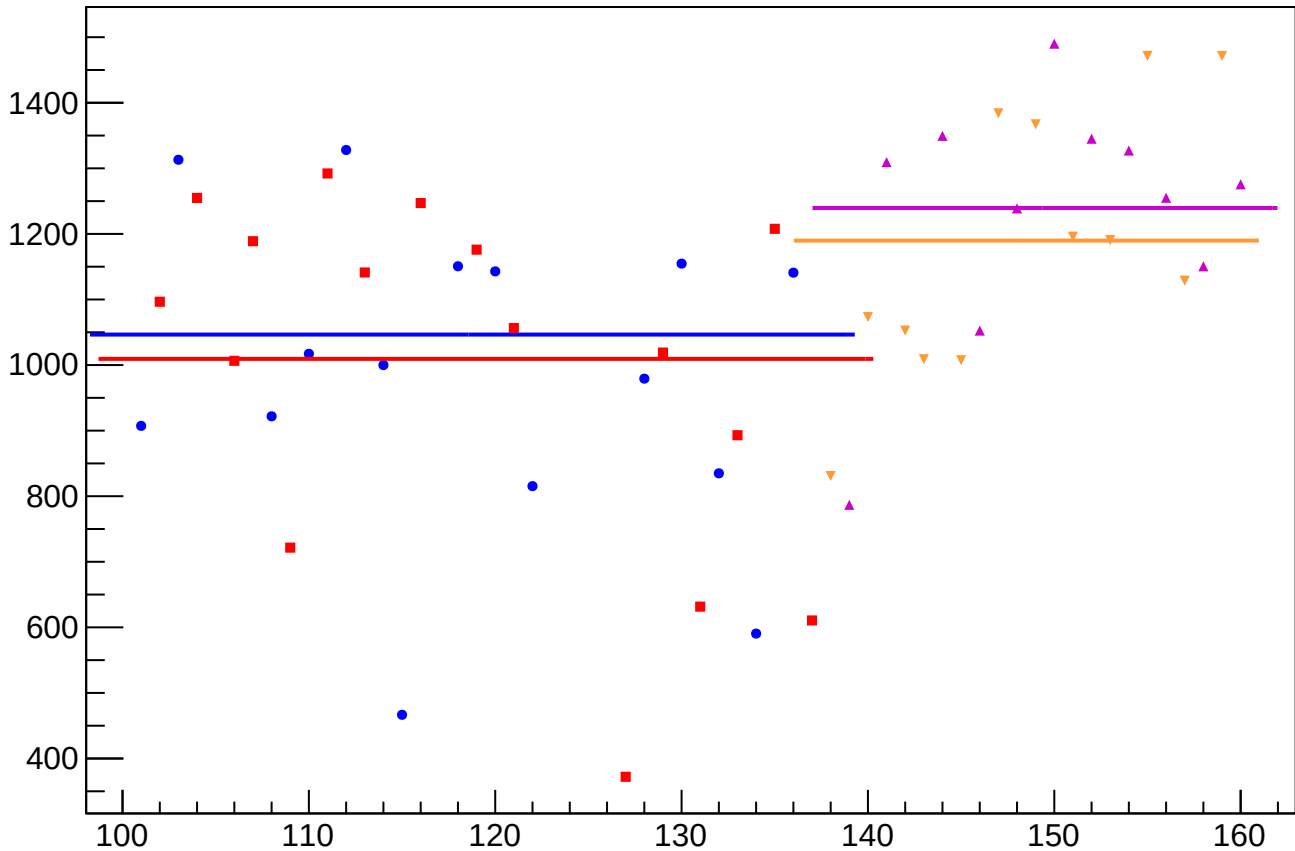
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14
Left Out: 3238.684+/-0.000	χ^2/NDF : 1200935390034847061403610621854649155584.0/11
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10

+ sign 2744.544+/-0.000 χ^2/NDF : 20077660522649

All: 2816.077+/-0.000 χ^2/NDF : 71426046824

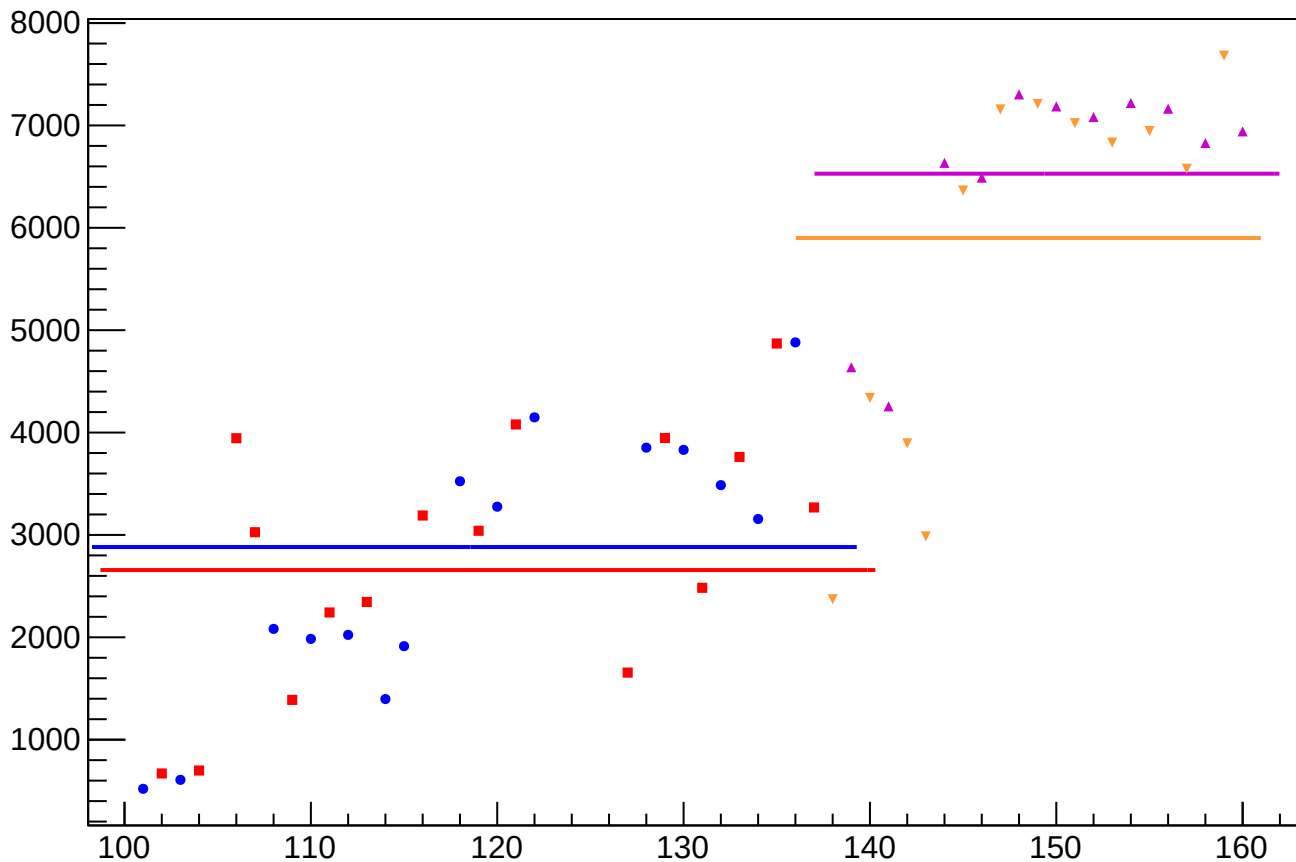
- sign 2886.485+/-0.000 χ^2/NDF : 51189384320628

dit_atr2_coil1_Ndata_mean vs Slug



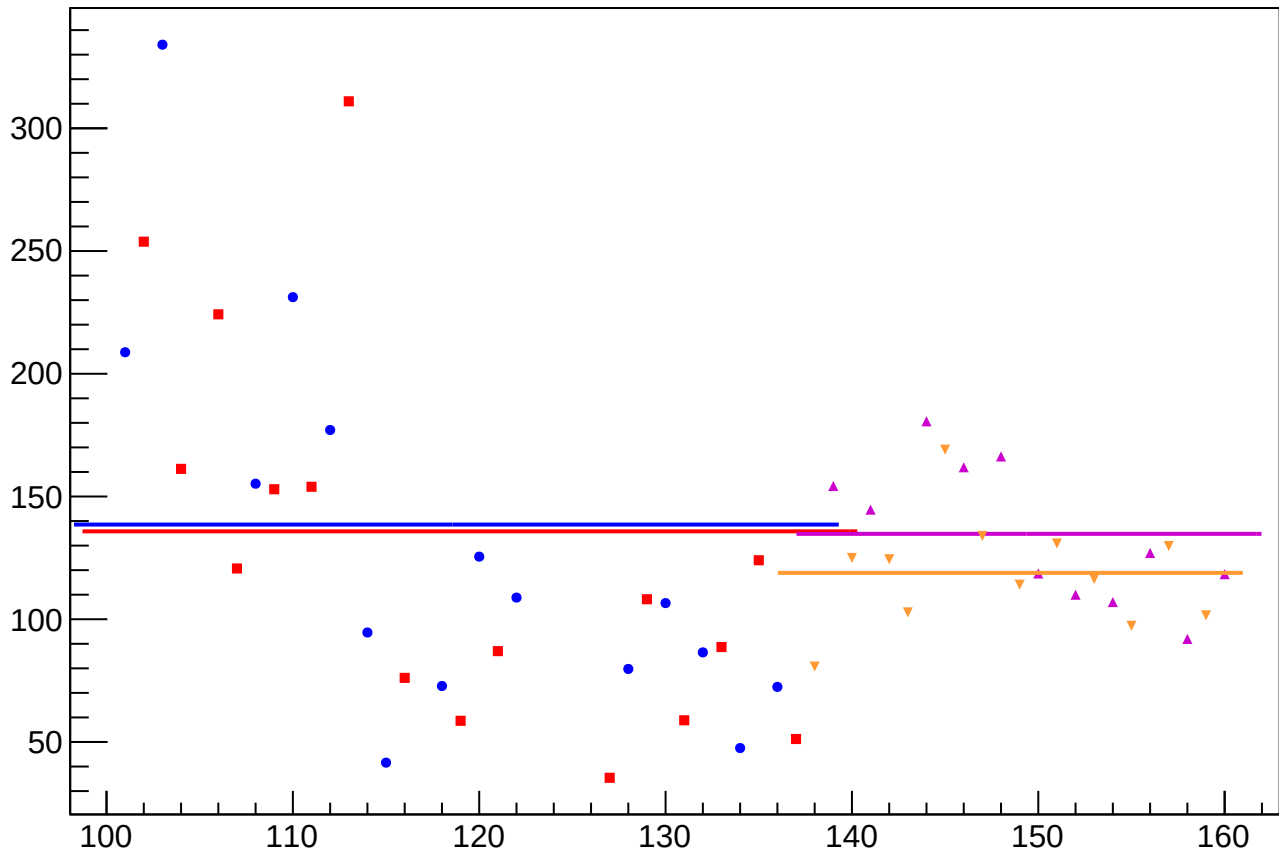
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



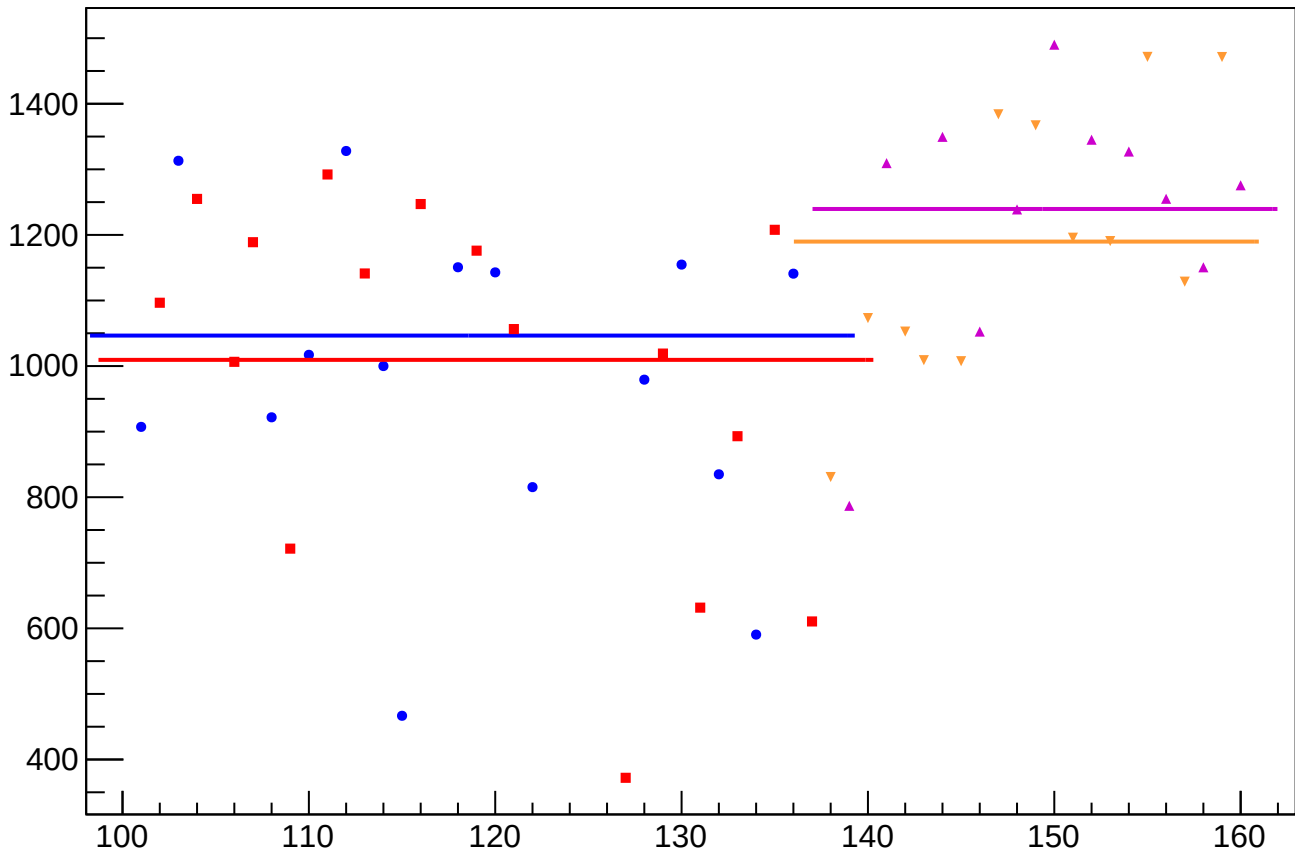
Right In: 2881.935+/-0.000	χ^2/NDF : 1320319391496525533692082365878834823168.0/14	+ sign 4649.303+/-0.000	χ^2/NDF : 75399616653013
Left Out: 5900.145+/-0.000	χ^2/NDF : 2757689906494435175416115853599080185856.0/11	All: 4778.421+/-0.000	χ^2/NDF : 15416993926
Right Out: 2656.918+/-0.000	χ^2/NDF : 1077696846216053561130716877125509447680.0/15	- sign 4905.510+/-0.000	χ^2/NDF : 78252276547187
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 127.050+/-0.000	χ^2/NDF : 483097055203975
Left Out: 118.892+/-0.000	χ^2/NDF : 441331340602238377798748666087866368.0/11	All: 131.165+/-0.000	χ^2/NDF : 953019186952
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: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

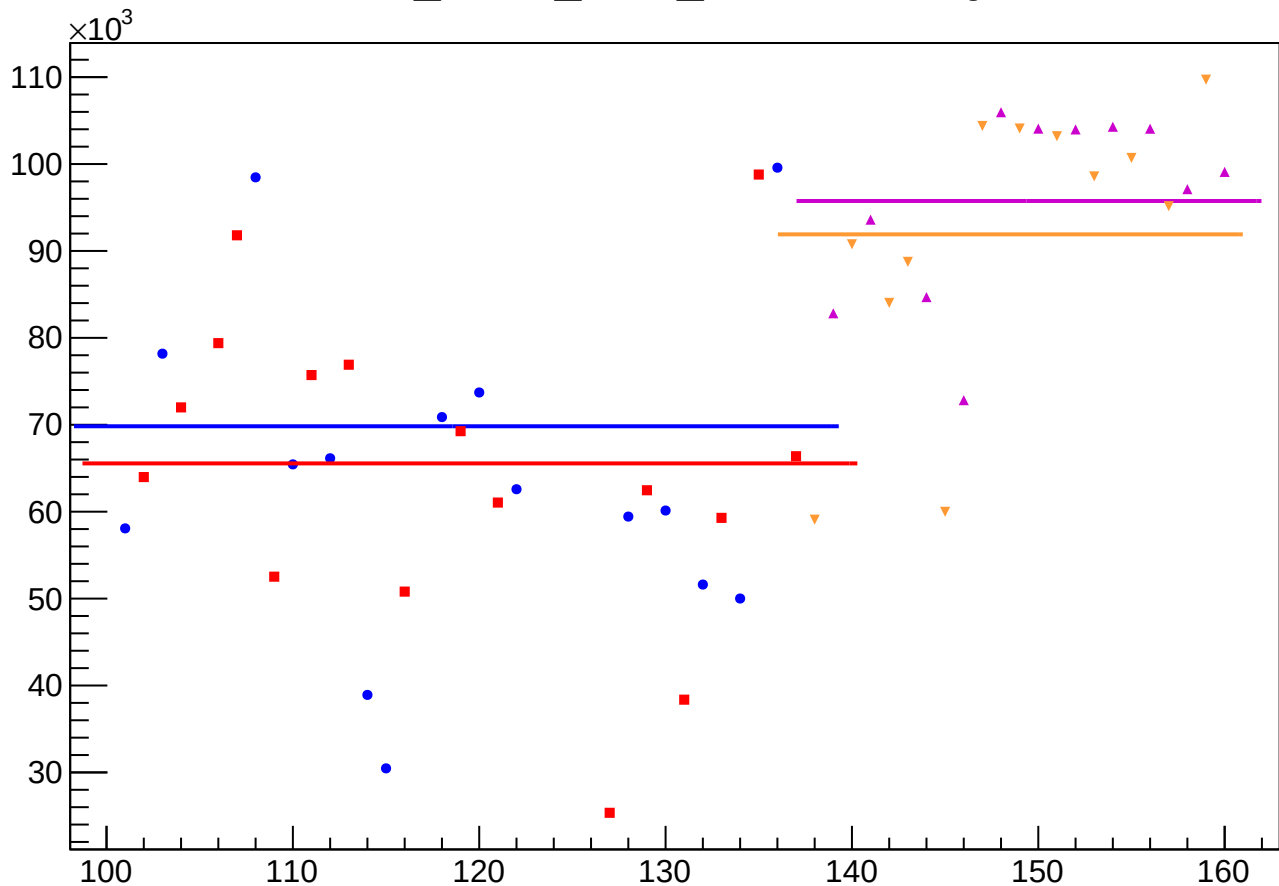
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

All: 1136.802+/-0.000 χ^2/NDF : 16251853607

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

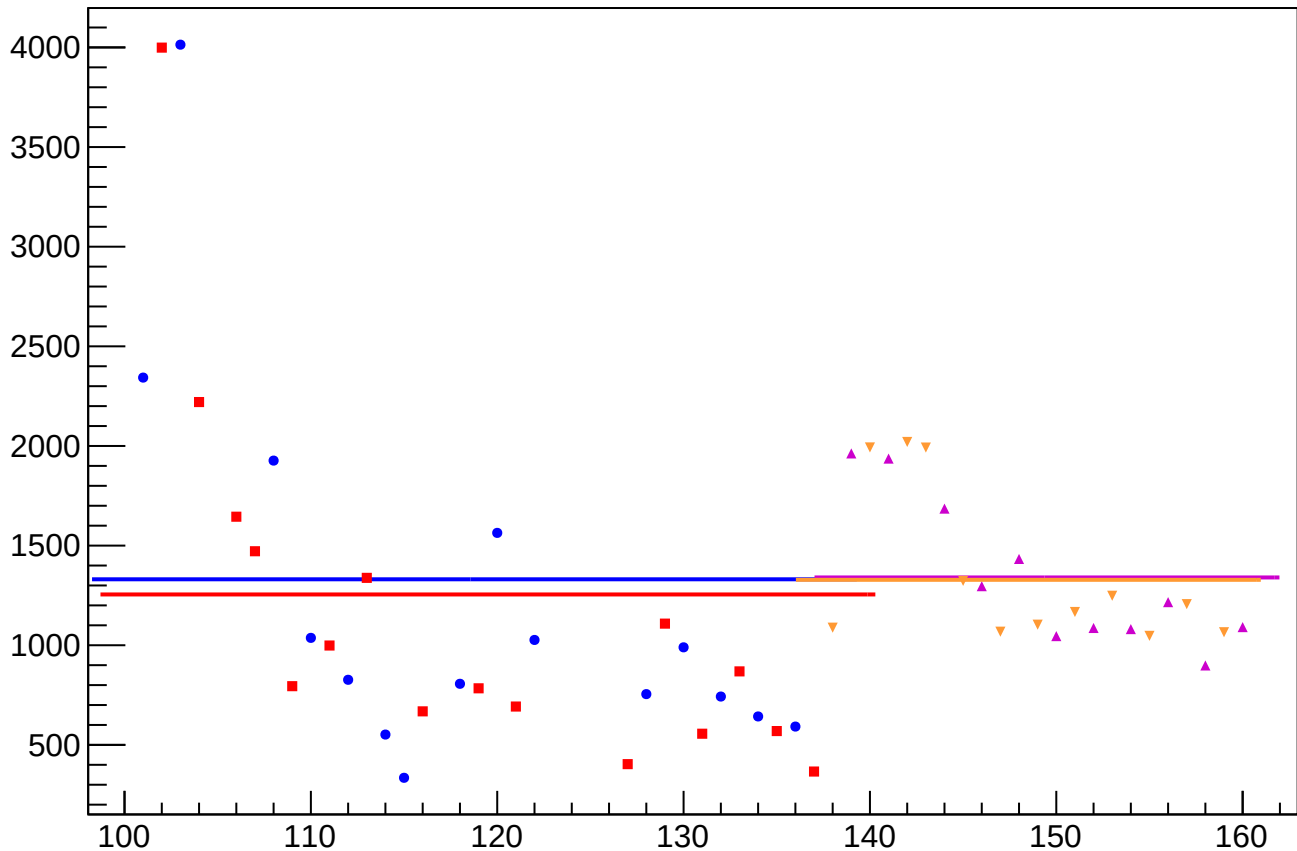
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
Left Out: 91909.028 $\pm$ 0.000	χ^2 /NDF: 240792875976910962309751824422513810604032.0/11
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

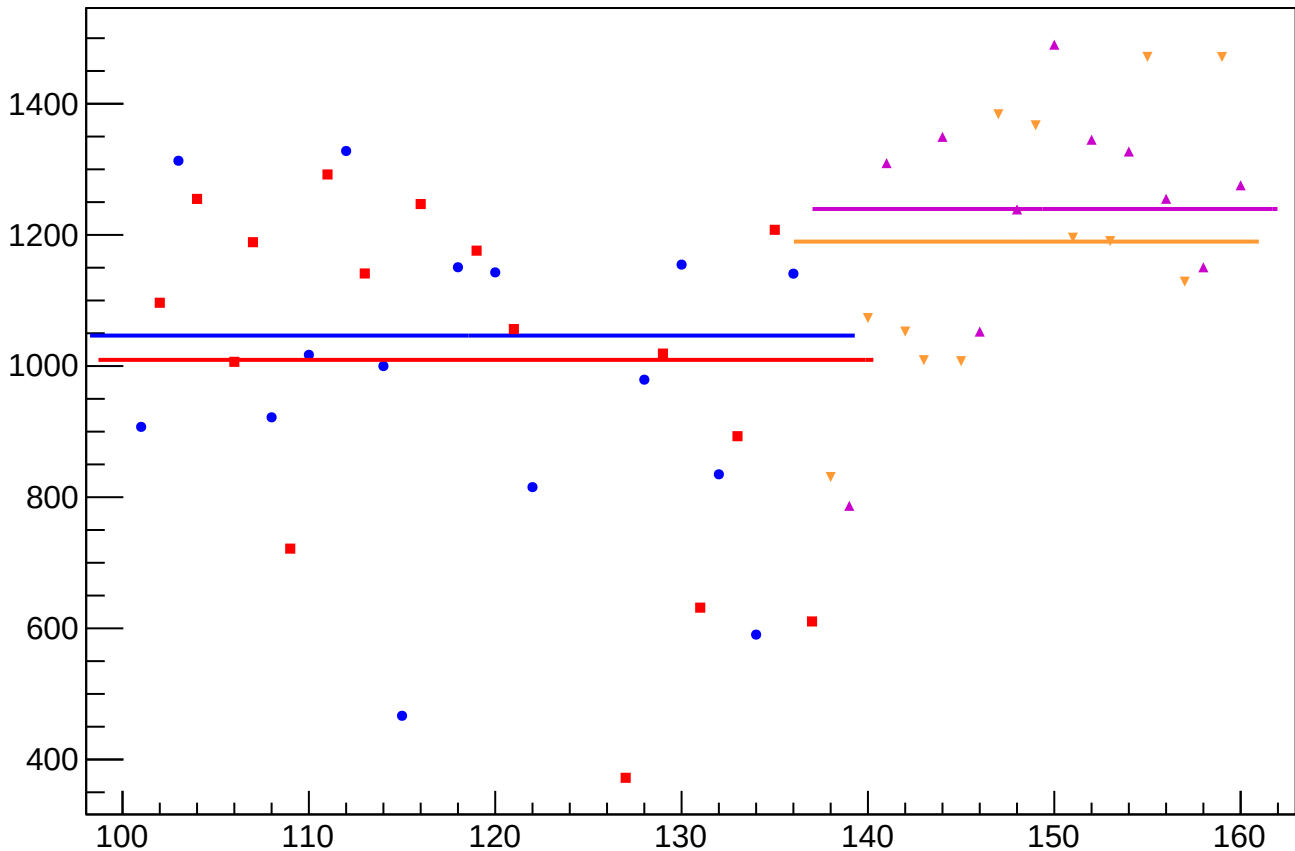
+ sign 82757.866 $\pm$ 0.000 χ^2 /NDF: 6138933402345
 All: 82925.739 $\pm$ 0.000 χ^2 /NDF: 1281523212
 - sign 83090.974 $\pm$ 0.000 χ^2 /NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



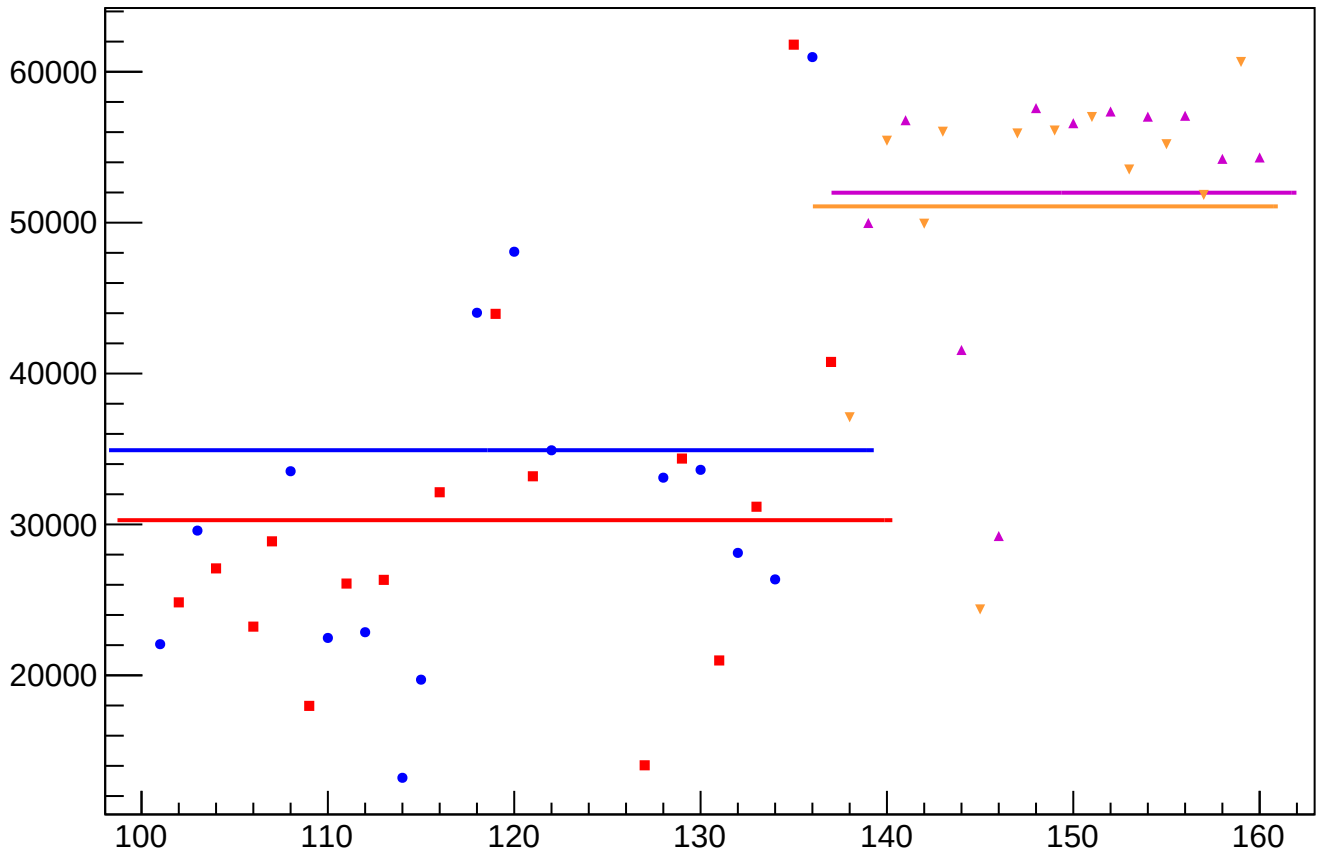
Right In: 1330.956+/-0.000	χ^2/NDF : 649481263842681659449409147059572834304.0/14
Left Out: 1328.309+/-0.000	χ^2/NDF : 117346287967386958303859795101623517184.0/11
Right Out: 1254.871+/-0.000	χ^2/NDF : 632140068983304062809817716800861765632.0/15
Left In: 1340.185+/-0.000	χ^2/NDF : 114204911168201277023830767366477709312.0/10
+ sign 1329.406+/-0.000 χ^2/NDF : 76683021399339	
All: 1316.814+/-0.000 χ^2/NDF : 15164874305	
- sign 1304.419+/-0.000 χ^2/NDF : 74916446361161	

dit_sam2_coil1_Ndata_mean vs Slug



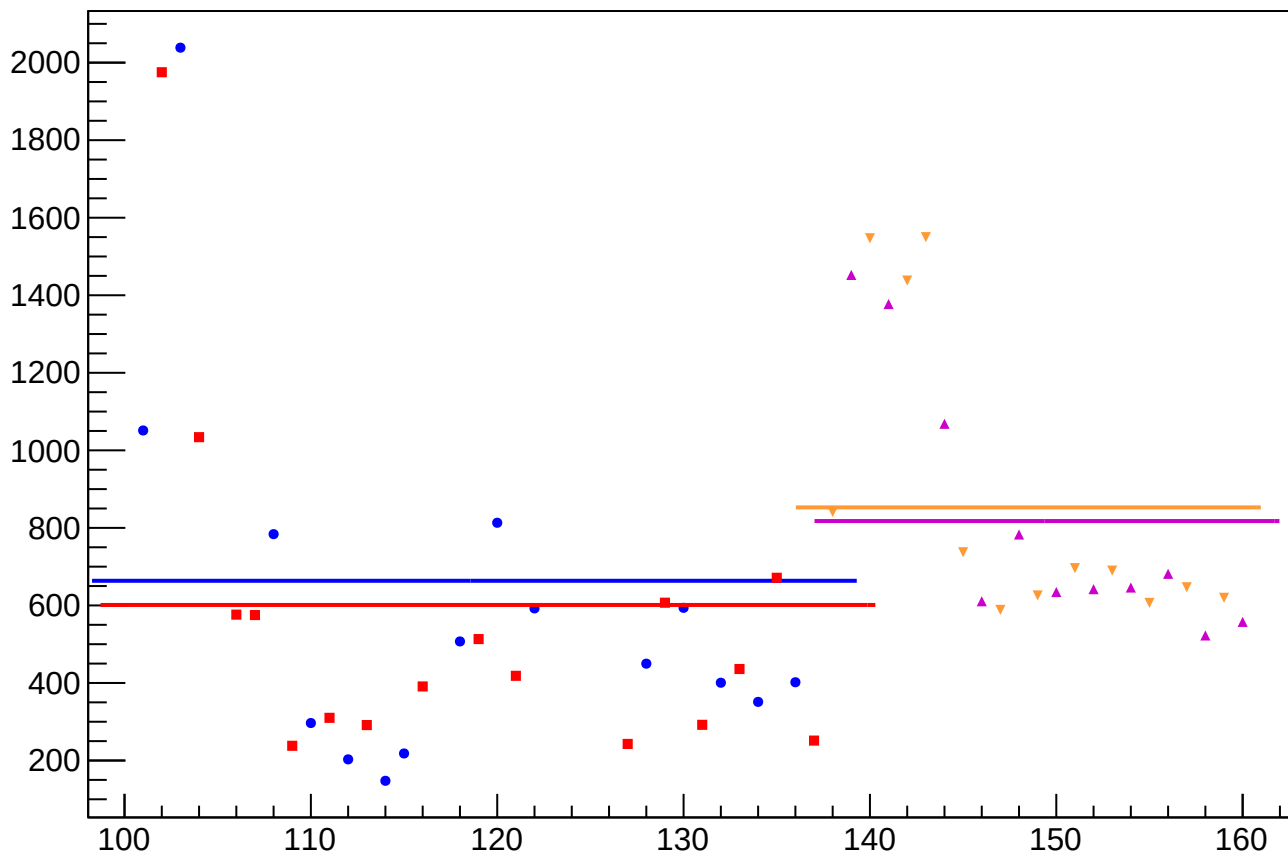
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 51078.913+/-0.000 χ^2/NDF : 92171566183632008367490399553102026899456.0/11
 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: 852.828+/-0.000 χ^2/NDF : 115391521173207267272974066416613326848.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

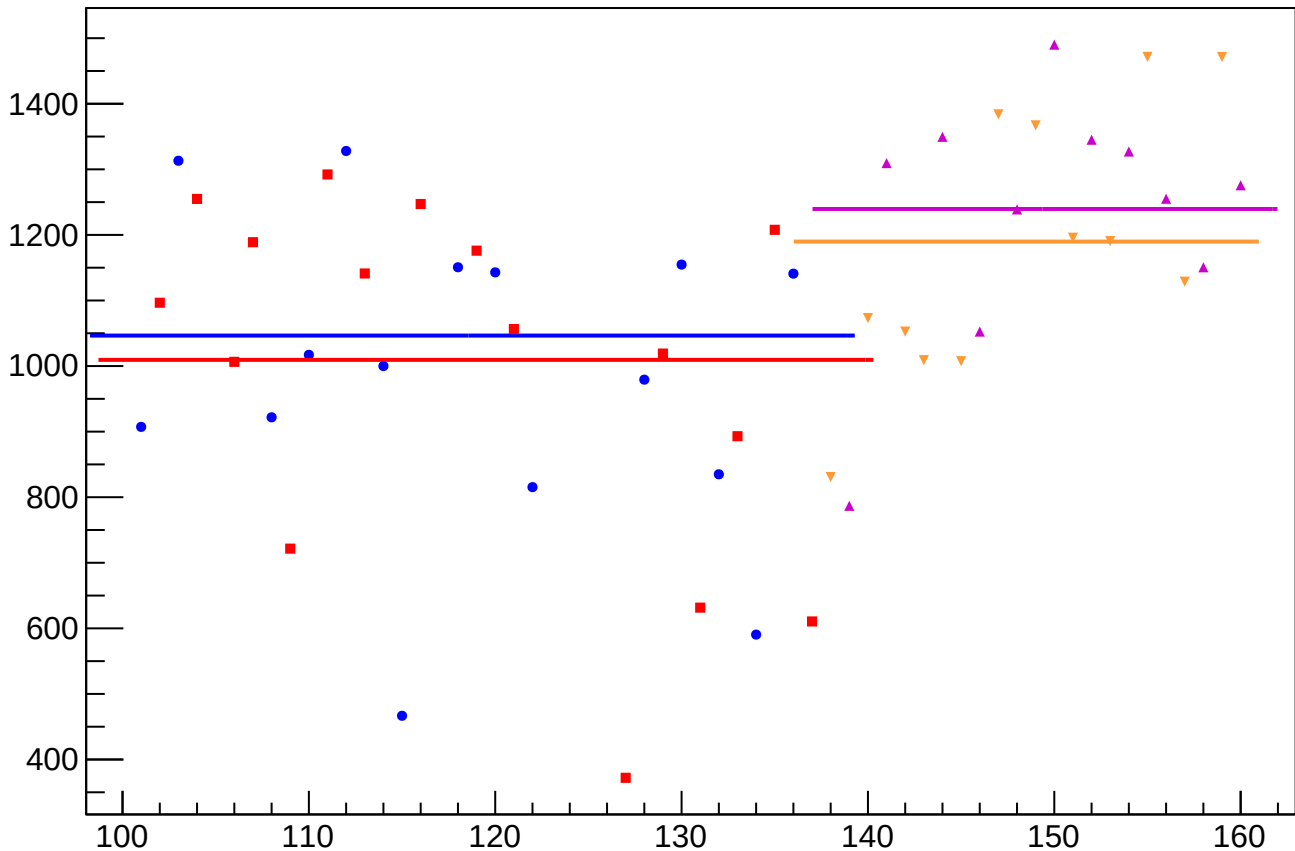
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 774.395+/-0.000 χ^2/NDF : 286695061420432

All: 750.468+/-0.000 χ^2/NDF : 546768442745

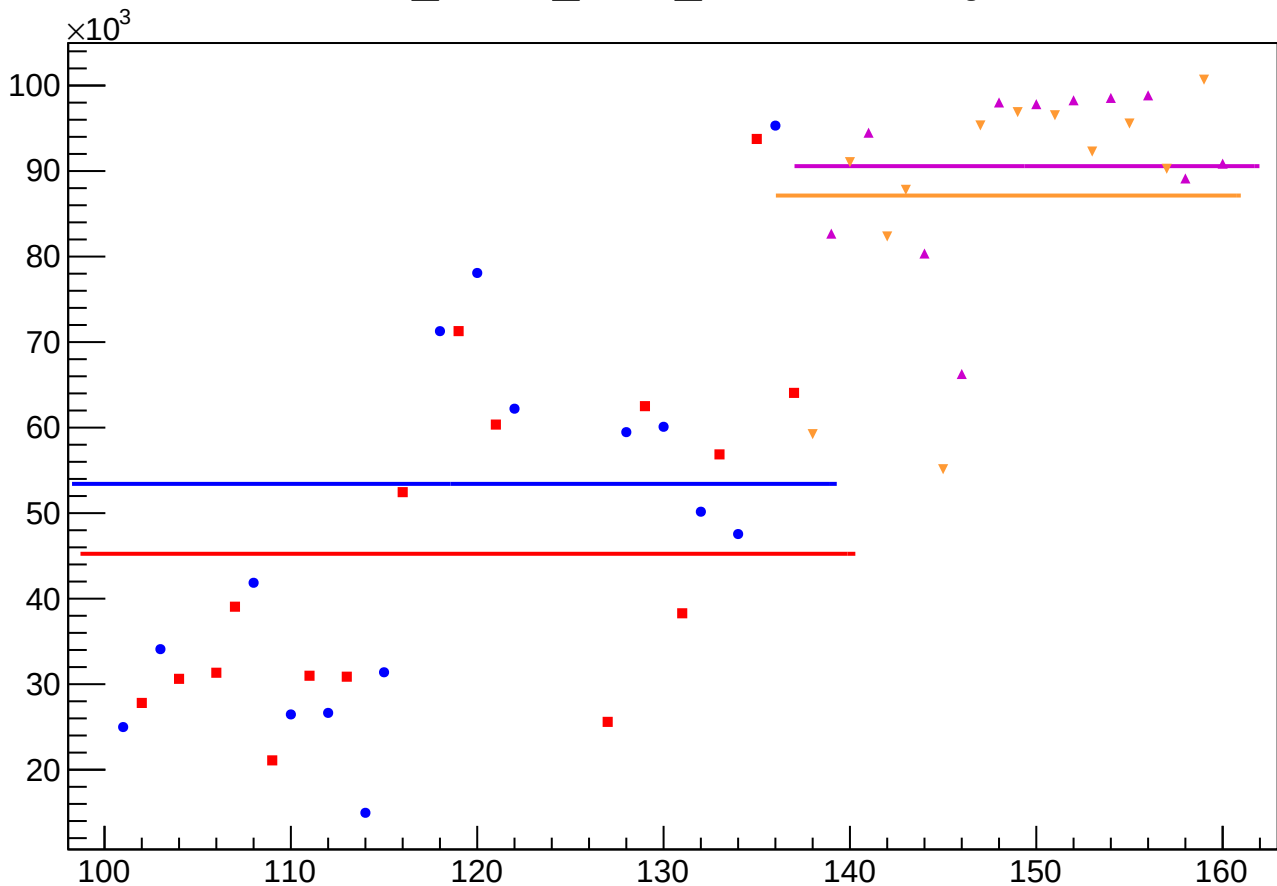
- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



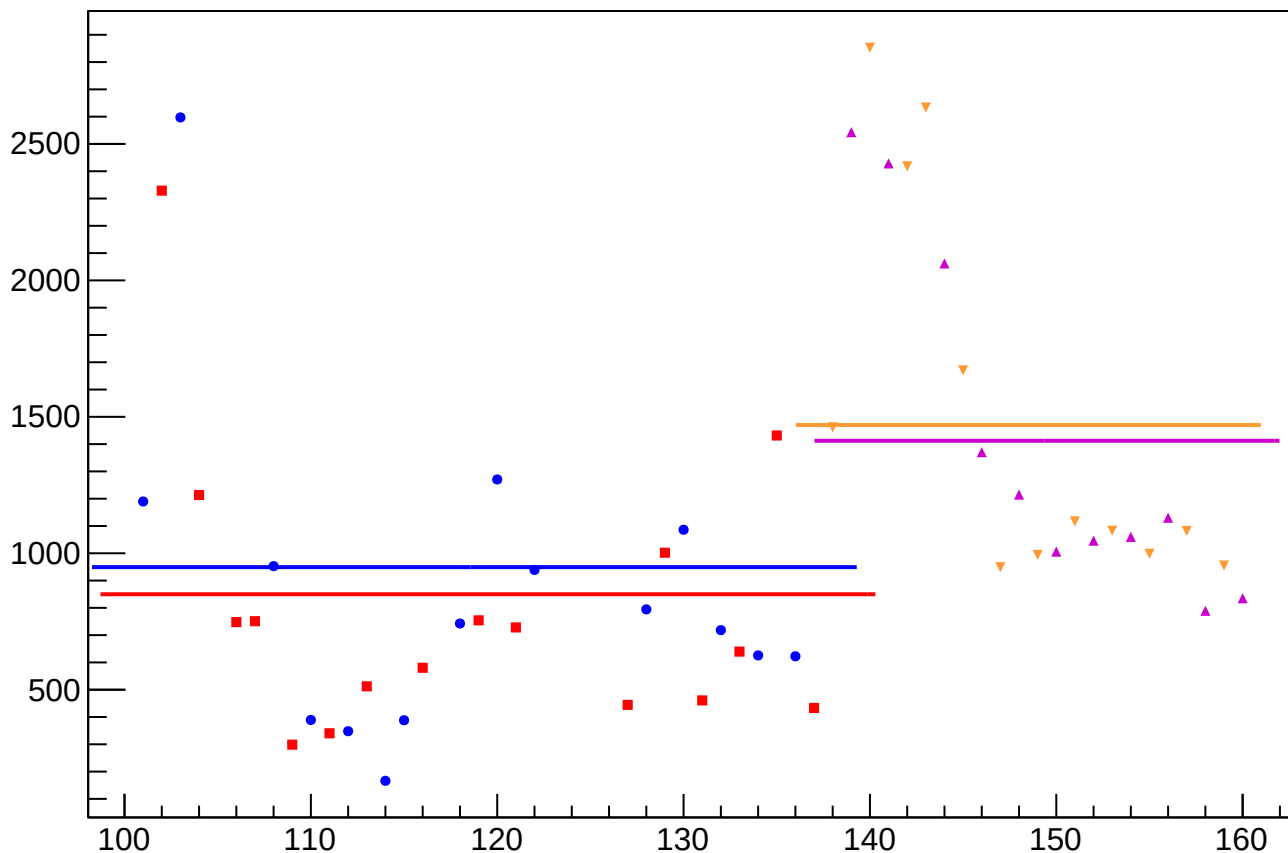
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 87135.960+/-0.000 χ^2/NDF : 189391741344290721413233098775018944331776.0/11
 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

+ sign 1254.262+/-0.000 χ^2/NDF : 73442755176588

Left Out: 1470.170+/-0.000 χ^2/NDF : 405590375156650172280507211961333710848.0/11

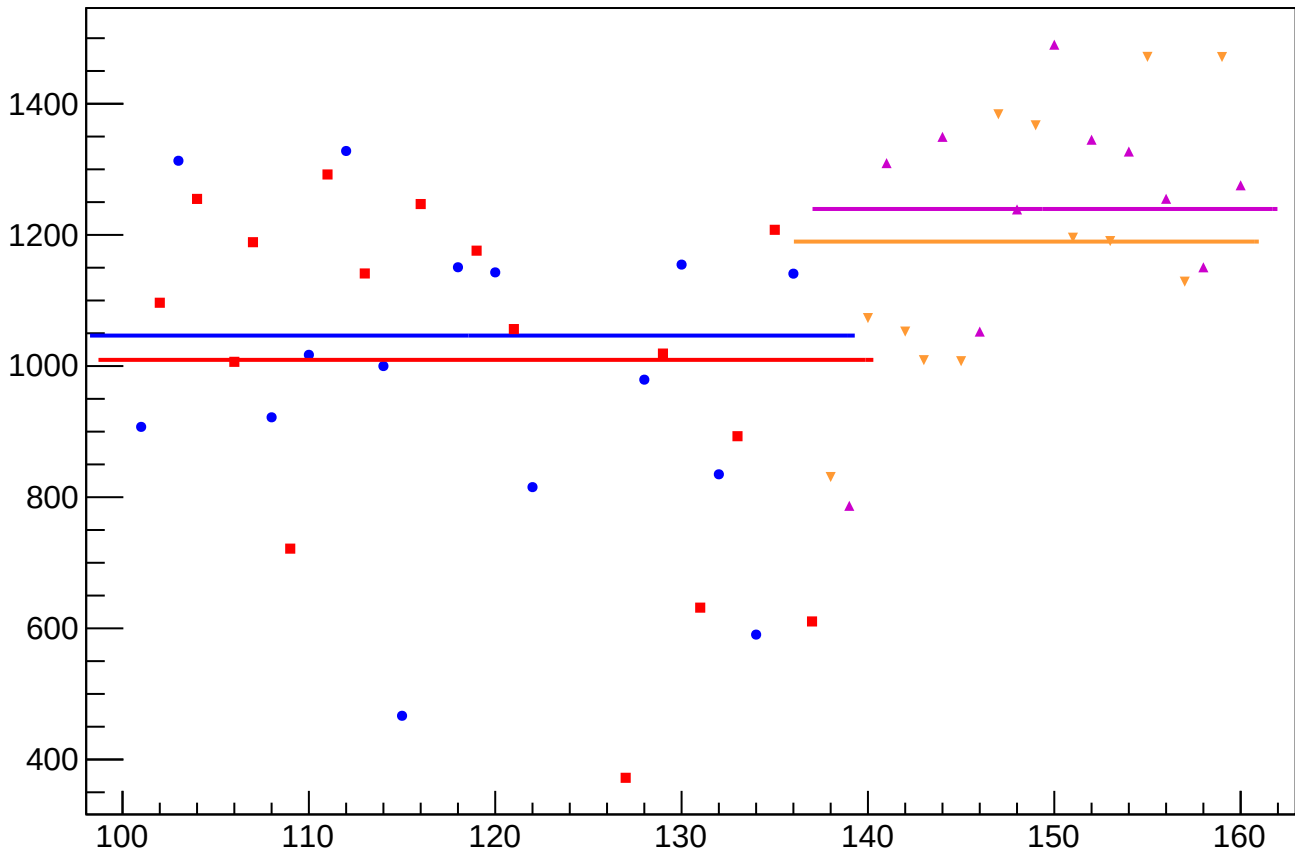
All: 1215.036+/-0.000 χ^2/NDF : 13988660809

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

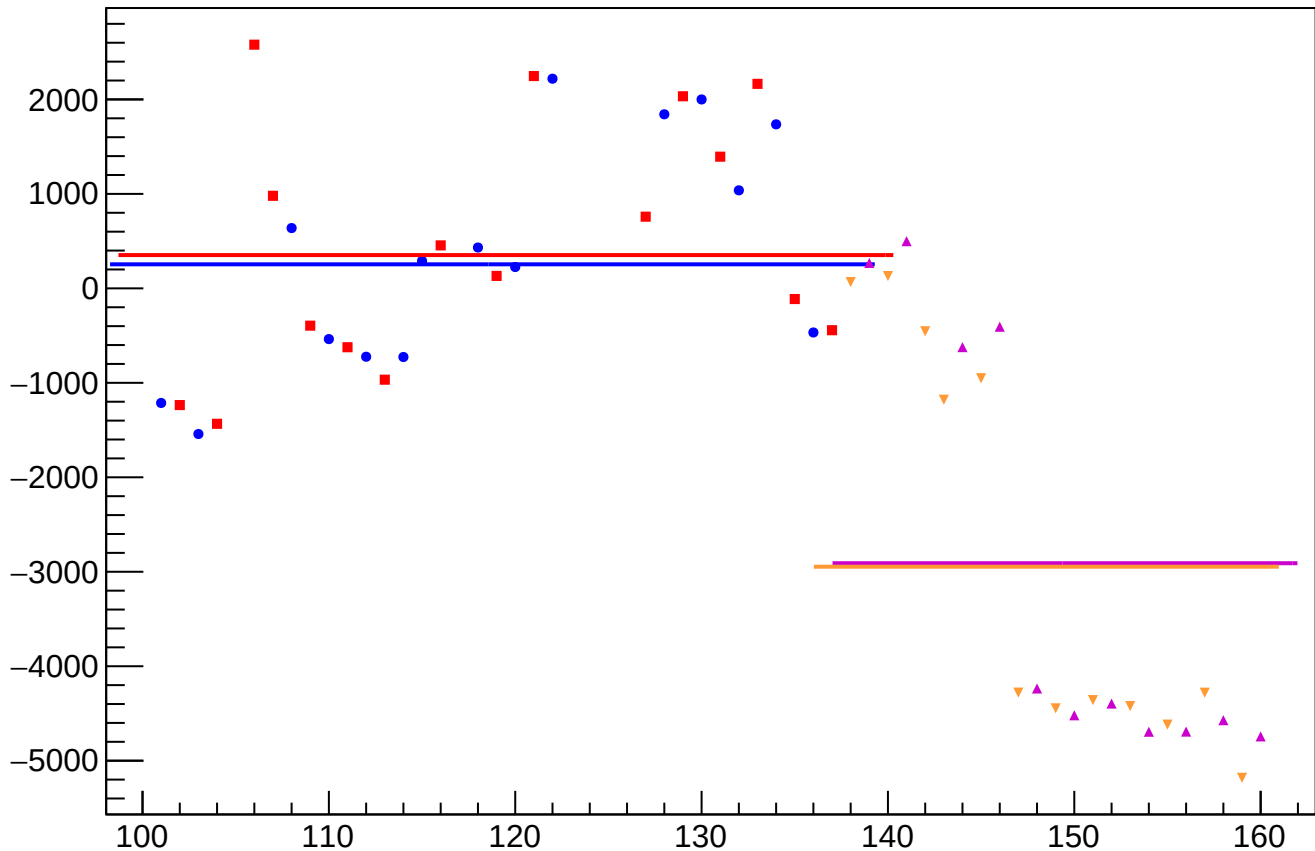
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 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



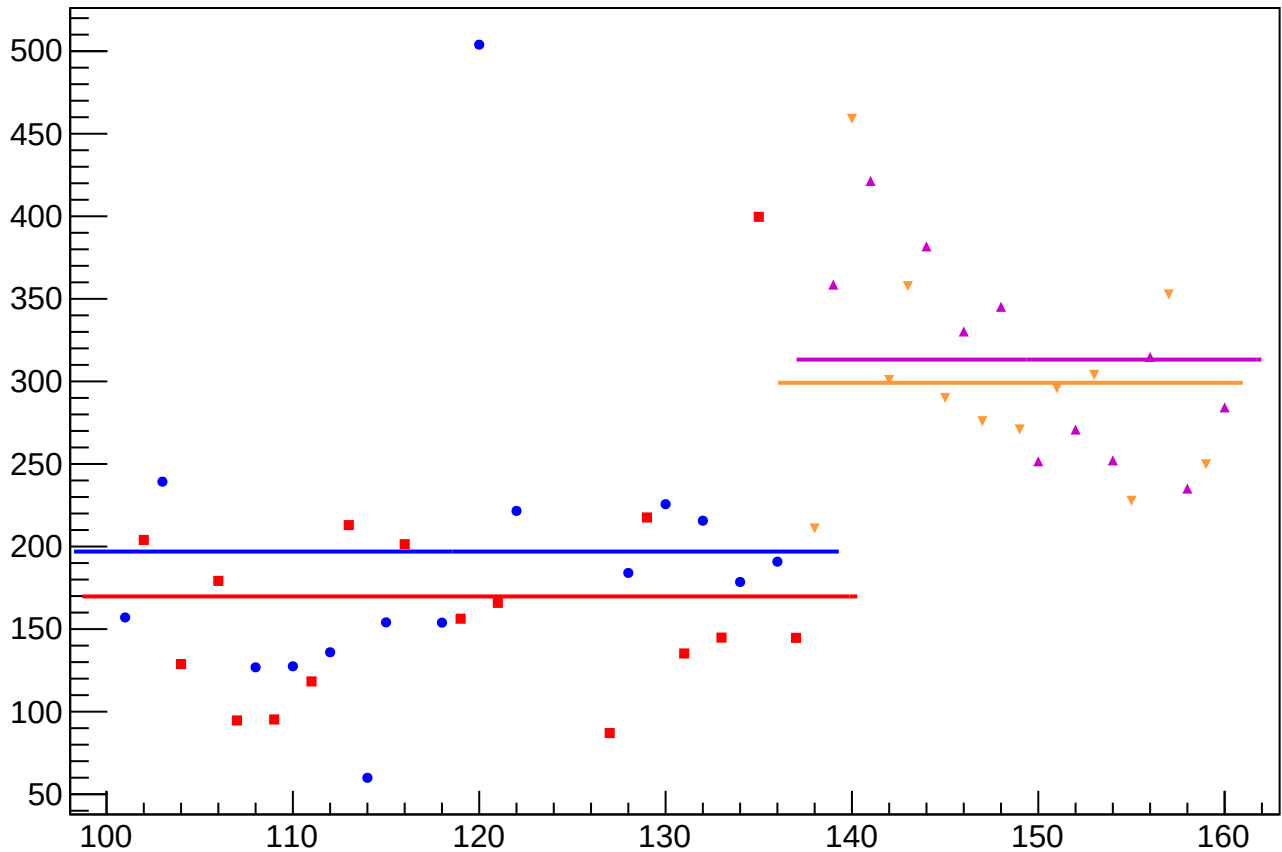
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: -2946.326+/-0.000 χ^2/NDF : 3731127313953628227585948865105357701120.0/11

Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

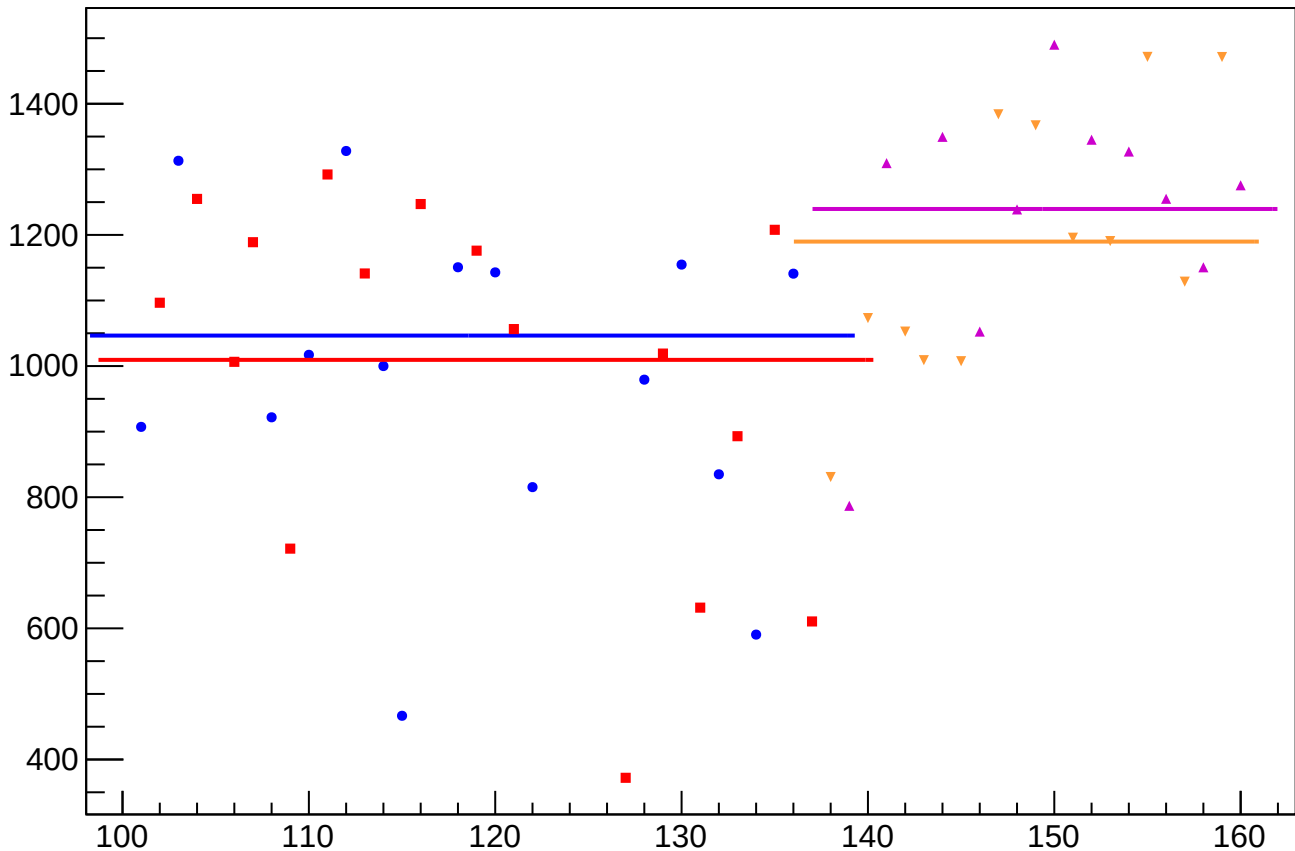
Left In: -2909.545+/-0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955 $\pm$ 0.000 χ^2 /NDF: 4485245160329657914621372425838788608.0/14
 Left Out: 299.172 $\pm$ 0.000 χ^2 /NDF: 3880381264543200500455029030889979904.0/11
 Right Out: 169.778 $\pm$ 0.000 χ^2 /NDF: 3892609445494845784493558646385410048.0/15
 Left In: 313.228 $\pm$ 0.000 χ^2 /NDF: 3079061701843560714774529768142405632.0/10

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

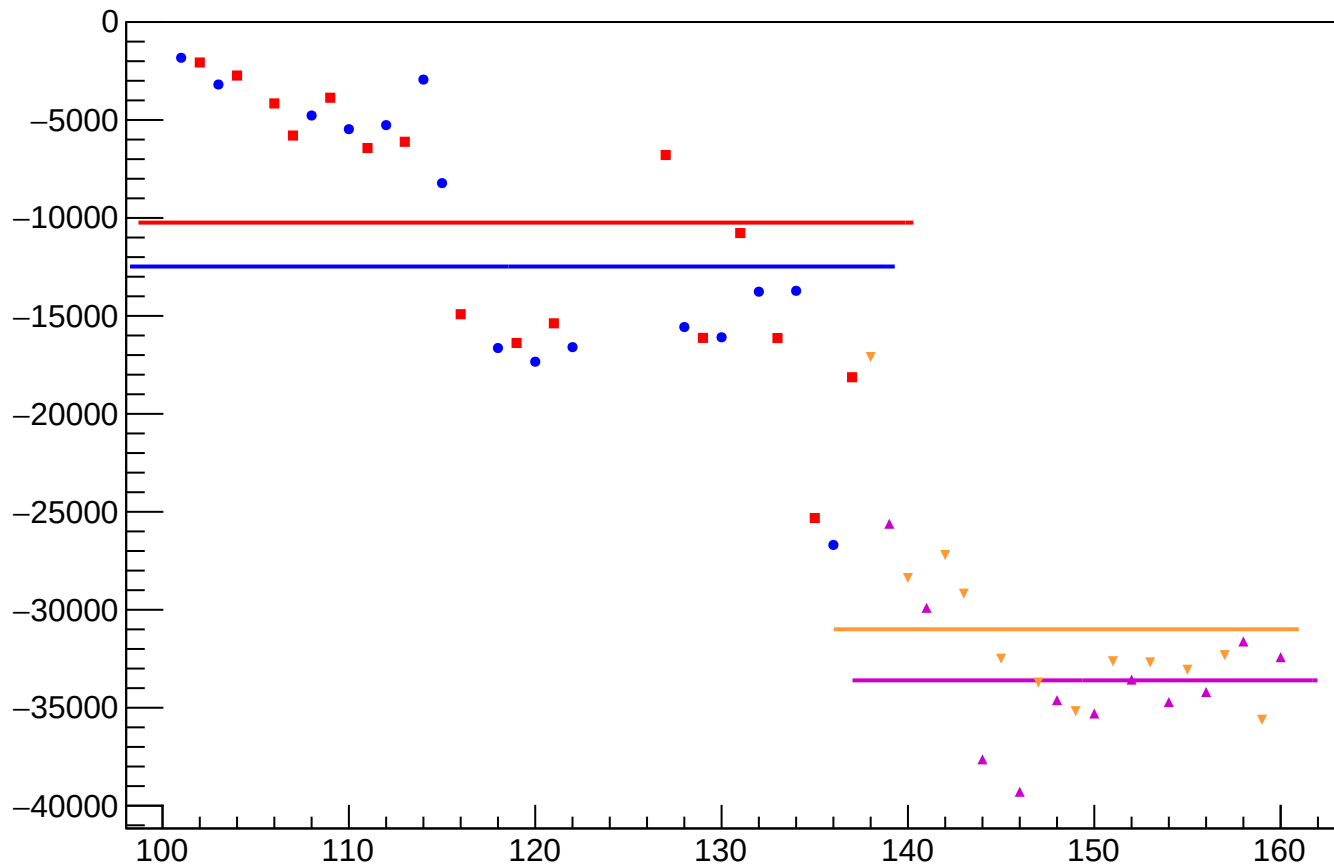
All: 1136.802+/-0.000 χ^2/NDF : 16251853607

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam6_coil1_mean vs Slug



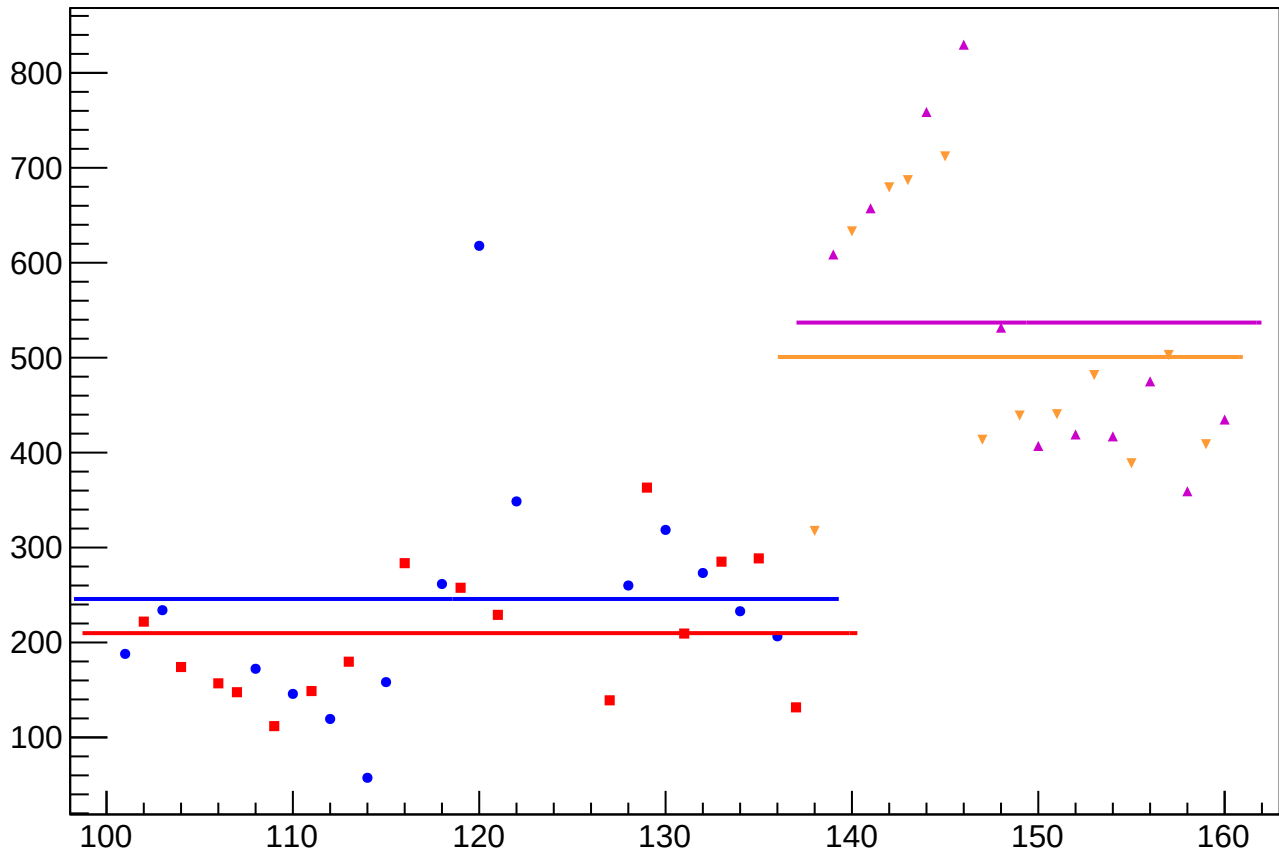
Right In: -12479.653+/-0.000	χ^2/NDF : 41178633231253805317353333973475271901184.0/14
Left Out: -30994.631+/-0.000	χ^2/NDF : 21360802405540775794048943647973709971456.0/11
Right Out: -10238.098+/-0.000	χ^2/NDF : 31227861126159534031961501923223718068224.0/15
Left In: -33603.125+/-0.000	χ^2/NDF : 11377877741280377988076632069746943066112.0/10

+ sign -23321.438+/-0.000 χ^2/NDF : 192816719023

All: -23566.509+/-0.000 χ^2/NDF : 447084659

- sign -23807.730+/-0.000 χ^2/NDF : 2540813105175

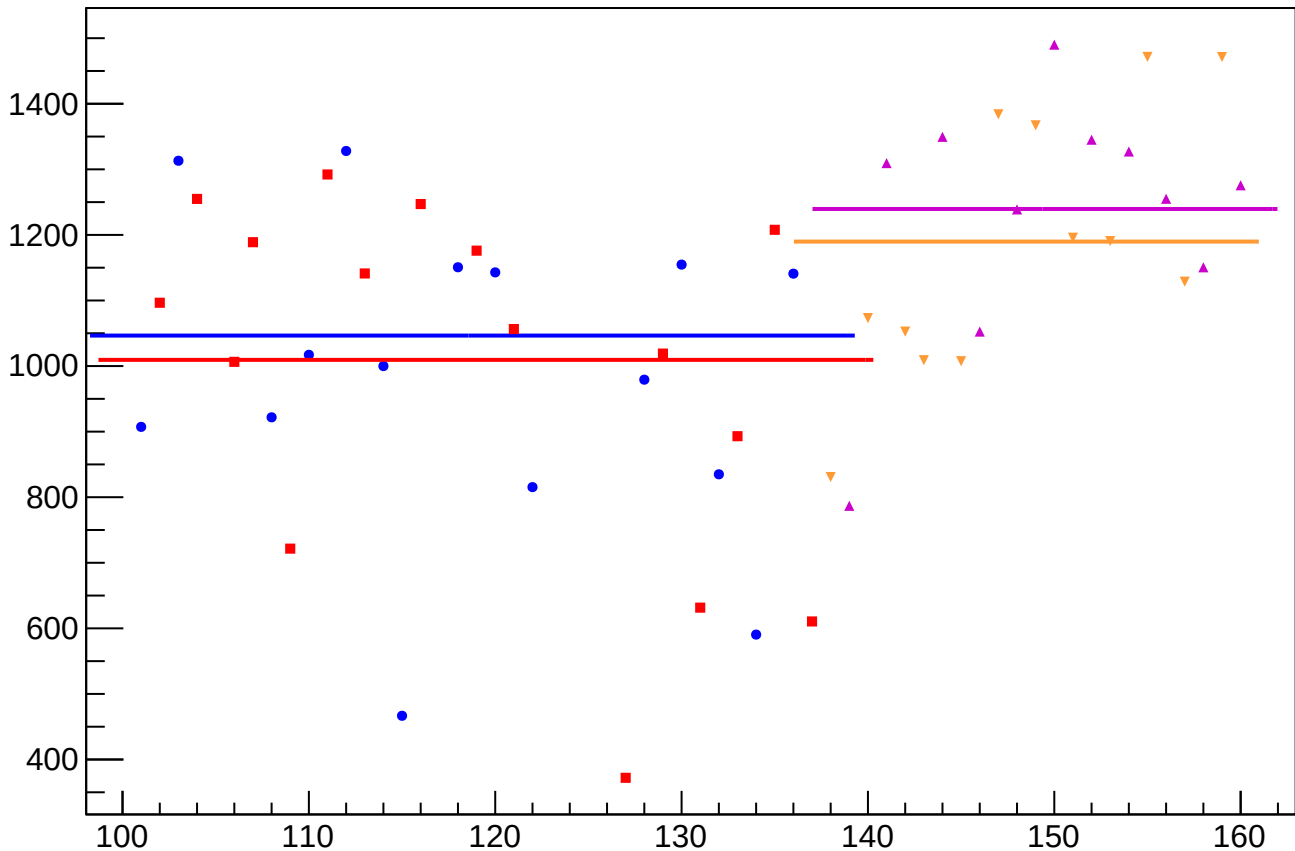
dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14
Left Out: 500.722+/-0.000	χ^2/NDF : 14366647854030986801089252354911371264.0/11
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15
Left In: 536.975+/-0.000	χ^2/NDF : 20803022486400810956958367719555596288.0/10

+ sign 395.088+/-0.000 χ^2/NDF : 468851566917775
 All: 397.478+/-0.000 χ^2/NDF : 112288907525
 - sign 399.831+/-0.000 χ^2/NDF : 653859962401754

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

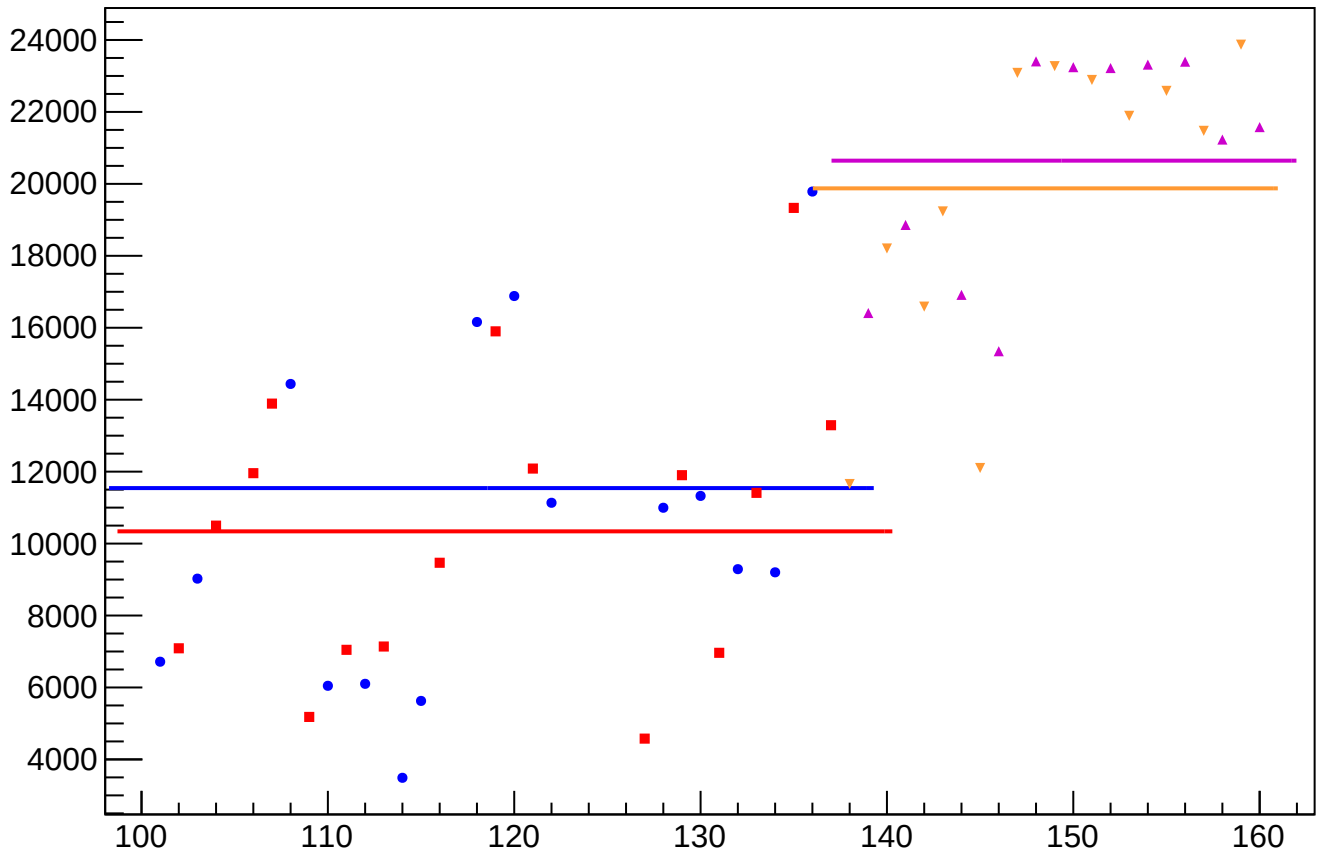
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

All: 1136.802+/-0.000 χ^2/NDF : 16251853607

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

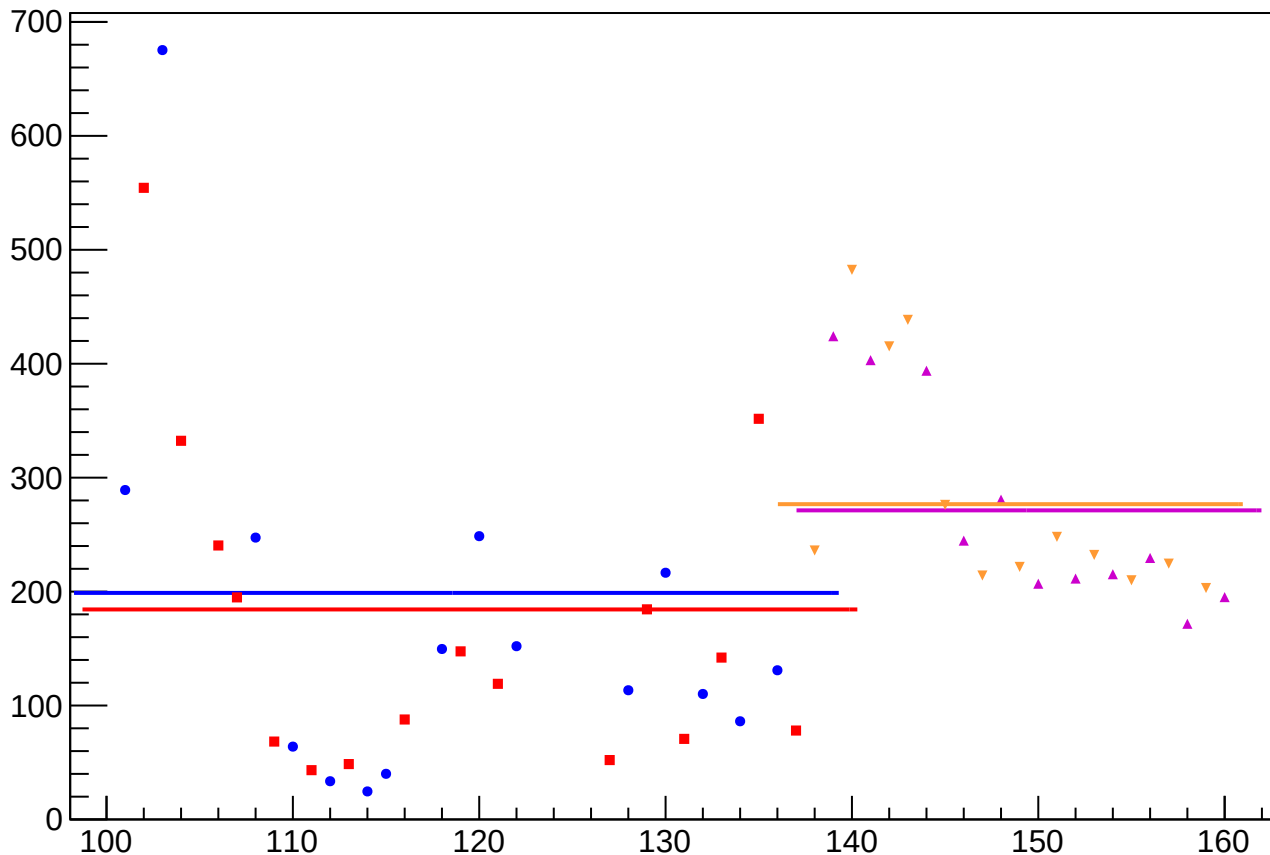
dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 19875.162+/-0.000 χ^2/NDF : 15802196643449462198483400956357455642624.0/11
 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 16421.950+/-0.000 χ^2/NDF : 5642108511400
 All: 16373.090+/-0.000 χ^2/NDF : 1172849233
 - 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: 276.729+/-0.000 χ^2/NDF : 8031577970080371618596427688692416512.0/11

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

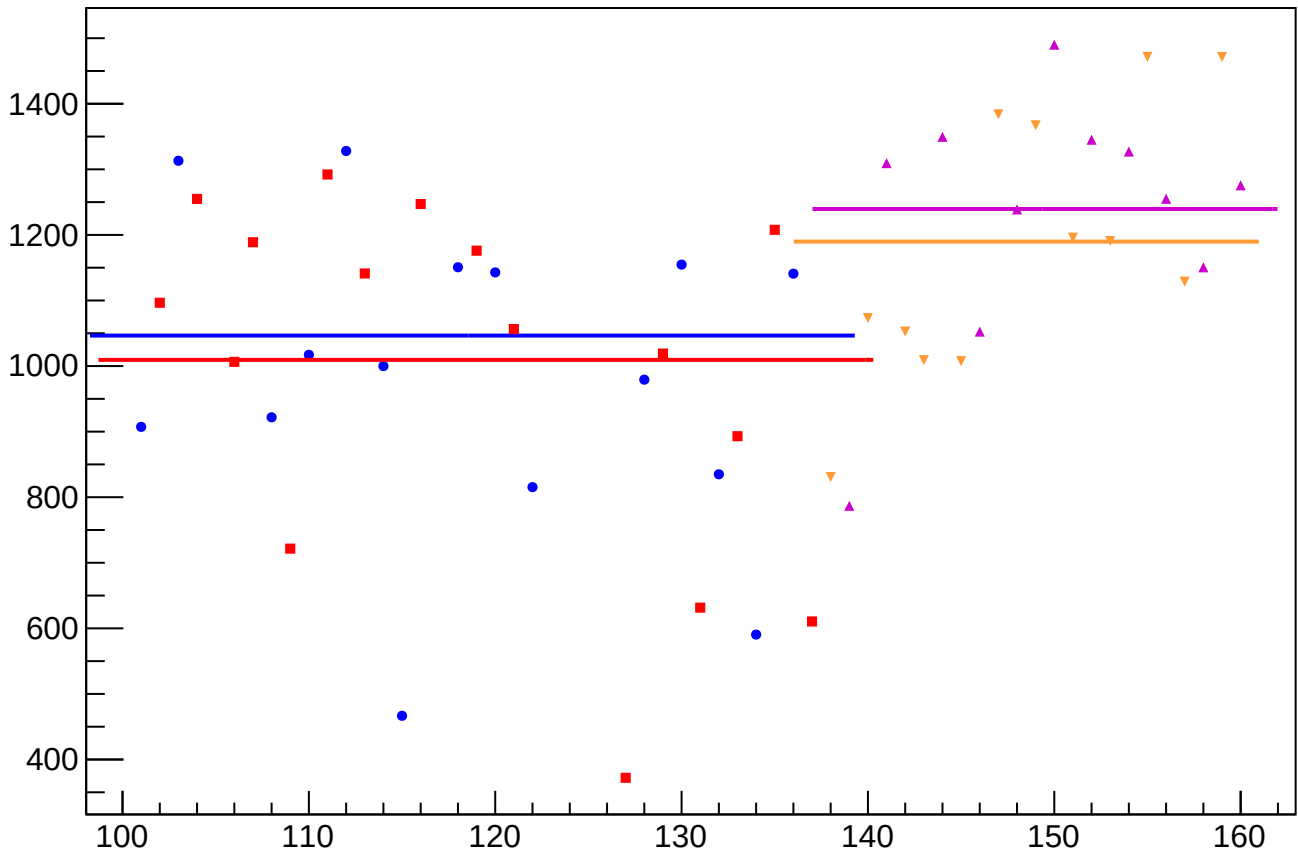
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

+ sign 244.454+/-0.000 χ^2/NDF : 286705297289177

All: 239.606+/-0.000 χ^2/NDF : 53712952906

- 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: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

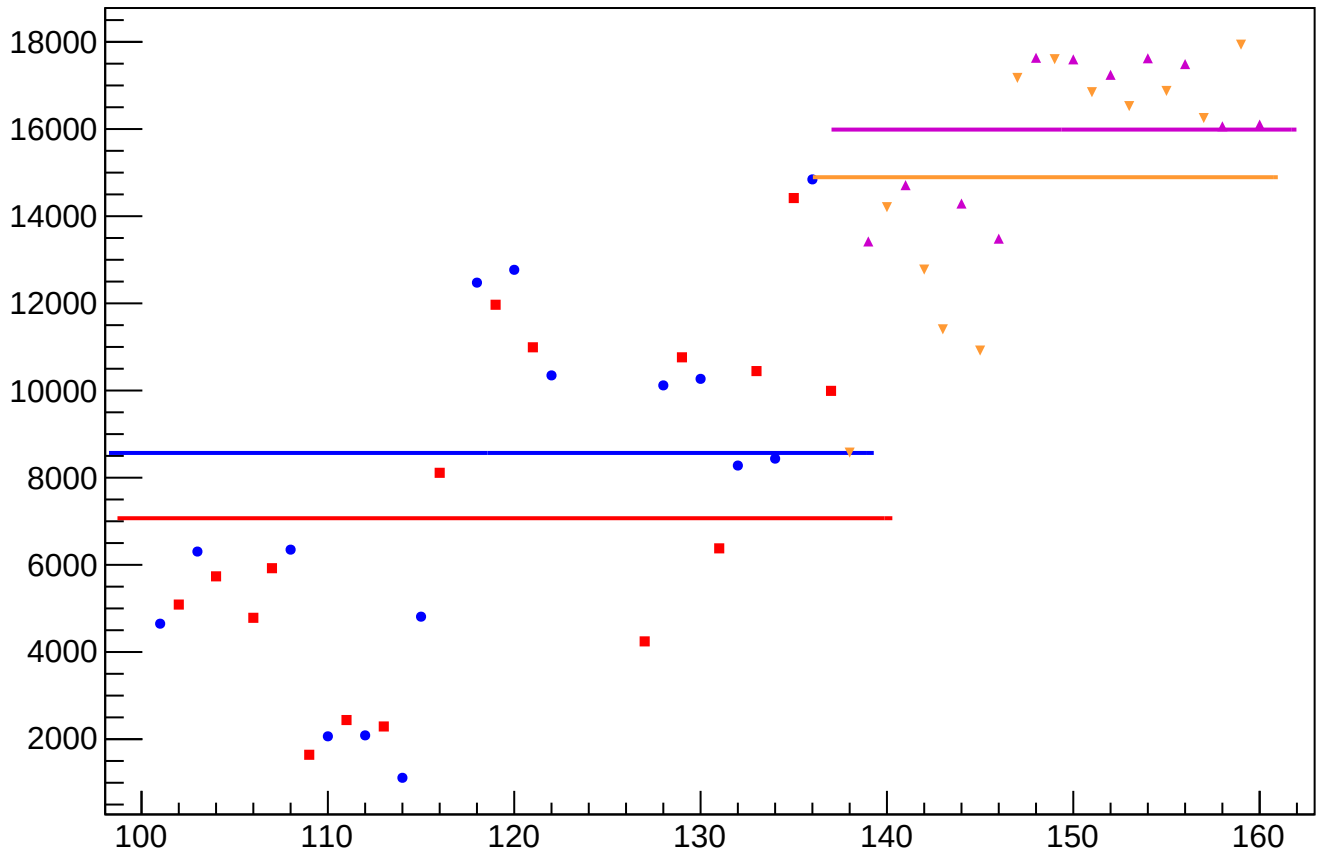
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

All: 1136.802+/-0.000 χ^2/NDF : 16251853607

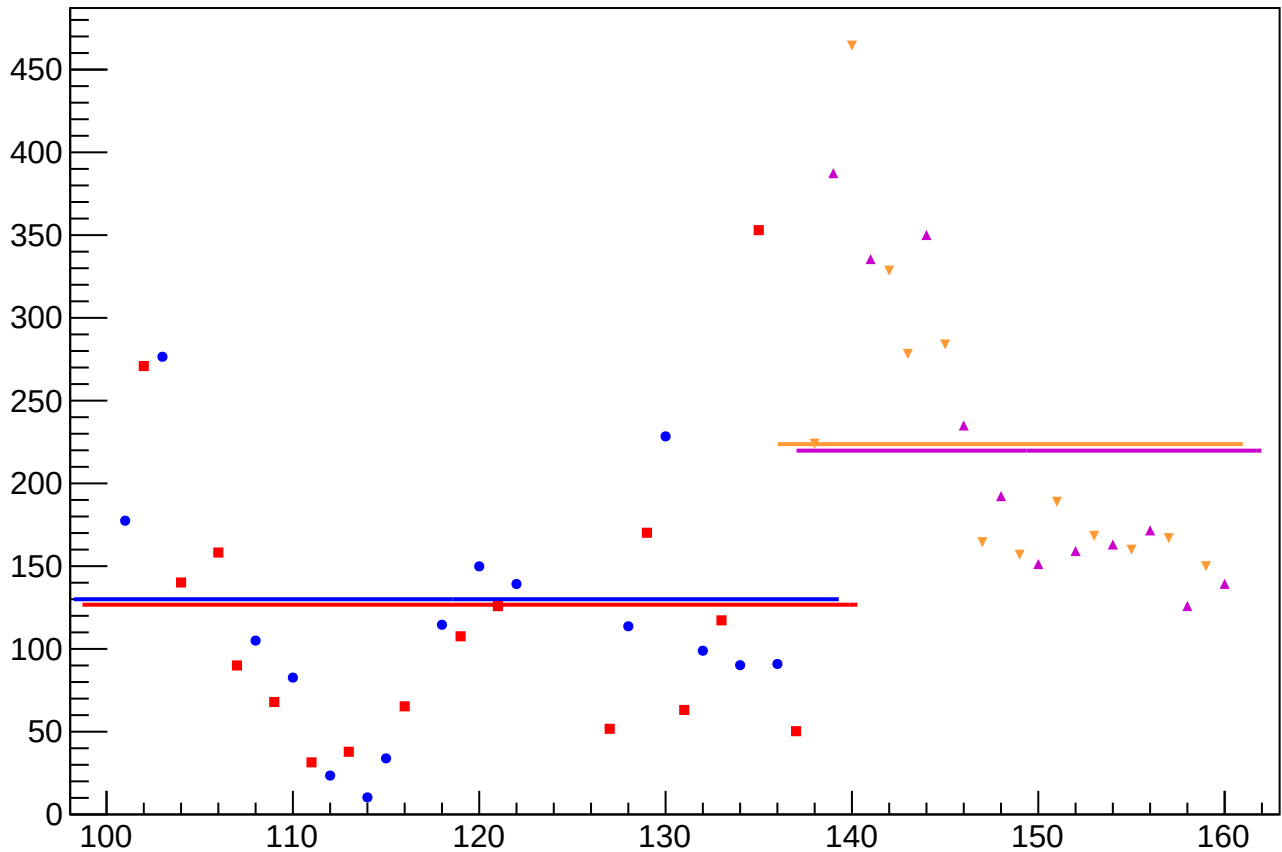
- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_sam8_coil1_mean vs Slug



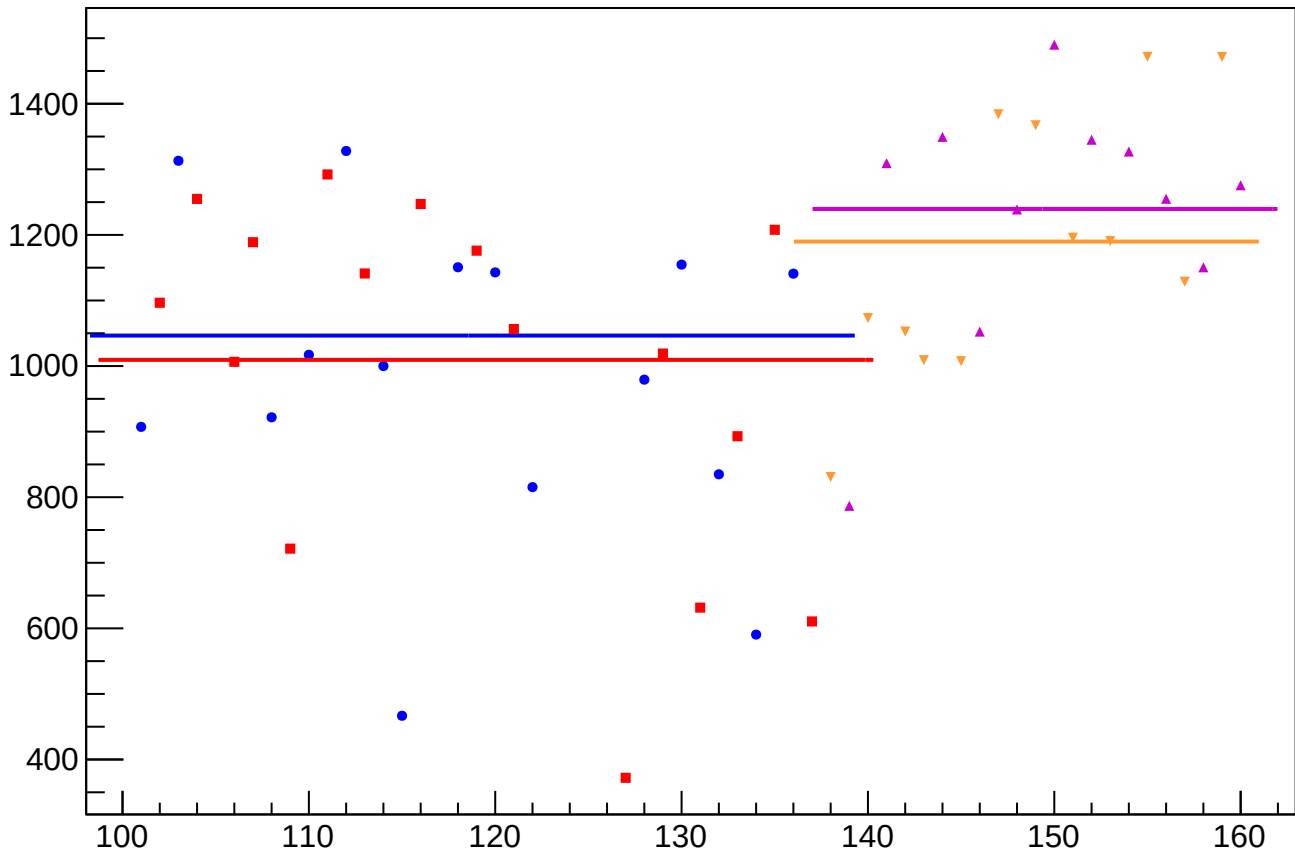
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14894.671+/-0.000 χ^2/NDF : 8196994251162162548782617513195066097664.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



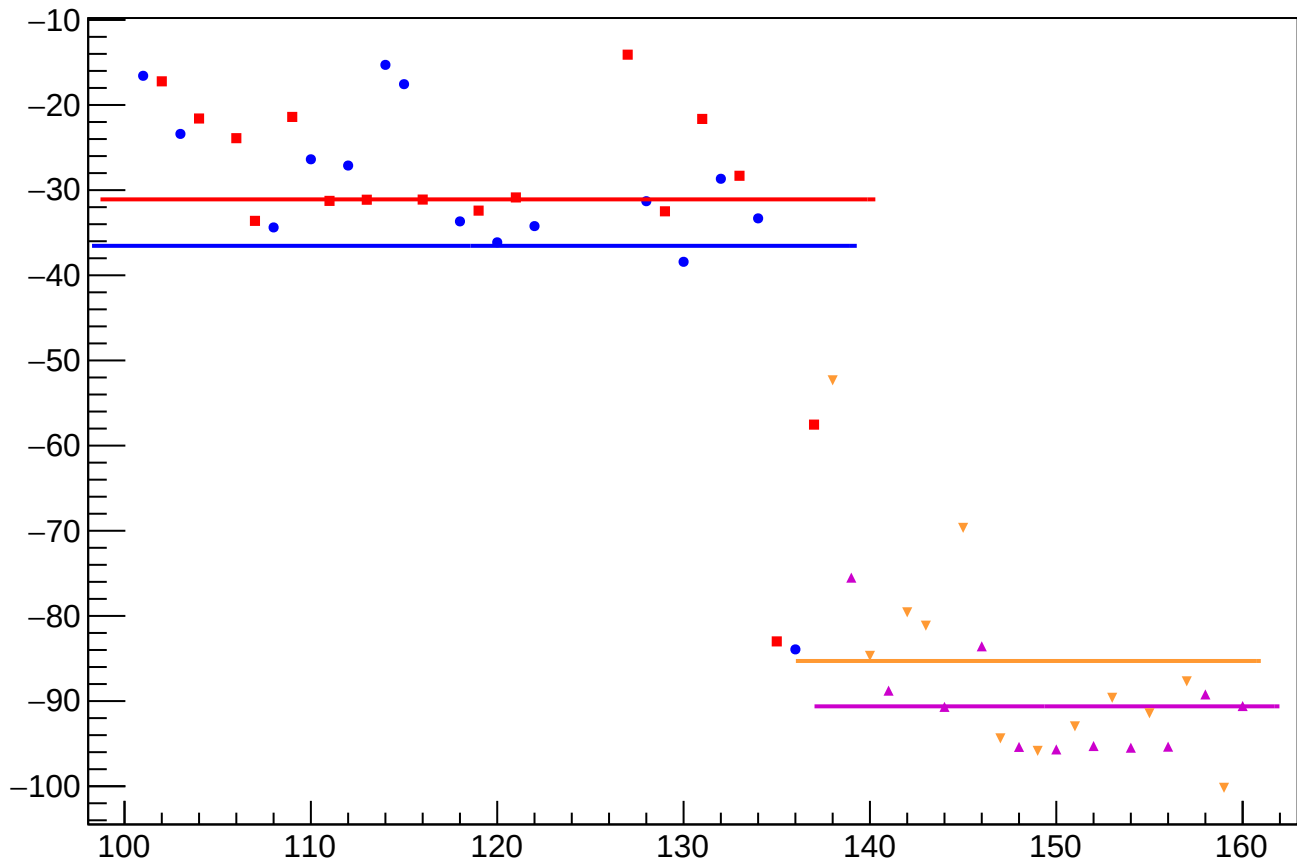
Right In: 130.021+/-0.000	χ^2/NDF : 3115259987552341725946418665378283520.0/14	+ sign 184.890+/-0.000	χ^2/NDF : 142219159421925
Left Out: 223.724+/-0.000	χ^2/NDF : 7769866101258790132911352573971136512.0/11	All: 182.811+/-0.000	χ^2/NDF : 30407074428
Right Out: 126.709+/-0.000	χ^2/NDF : 5397122581297664561308621600668516352.0/15	- sign 180.765+/-0.000	χ^2/NDF : 161717315752514
Left In: 219.787+/-0.000	χ^2/NDF : 7418609629454172879787970620999860224.0/10		

dit_sam8_coil1_Ndata_mean vs Slug



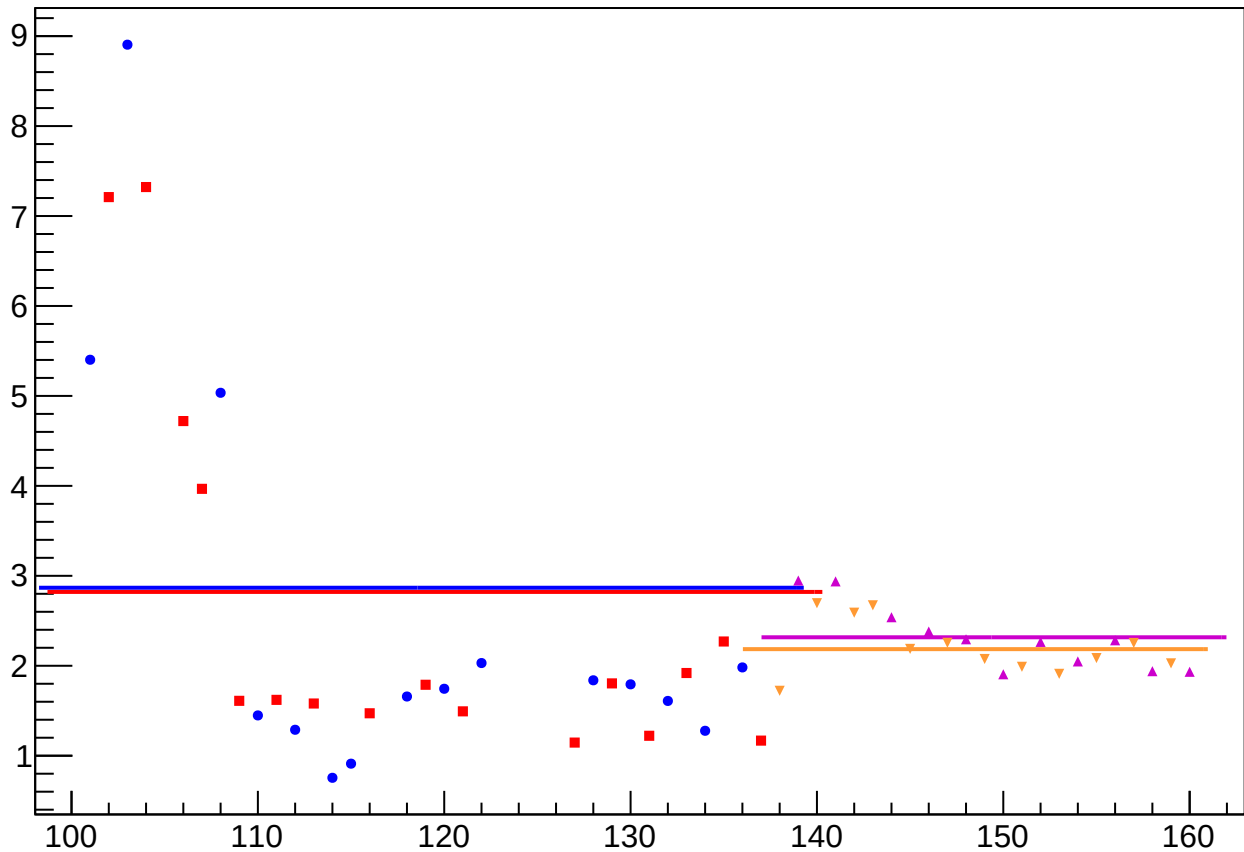
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540 $\pm$ 0.000 χ^2 /NDF: 254351867861444609202637633864335360.0/14
 Left Out: -85.291 $\pm$ 0.000 χ^2 /NDF: 150335186575692047525398073172819968.0/11
 Right Out: -31.085 $\pm$ 0.000 χ^2 /NDF: 181291079119381636178408498876383232.0/15
 Left In: -90.618 $\pm$ 0.000 χ^2 /NDF: 33089833083626408117297955498622976.0/10

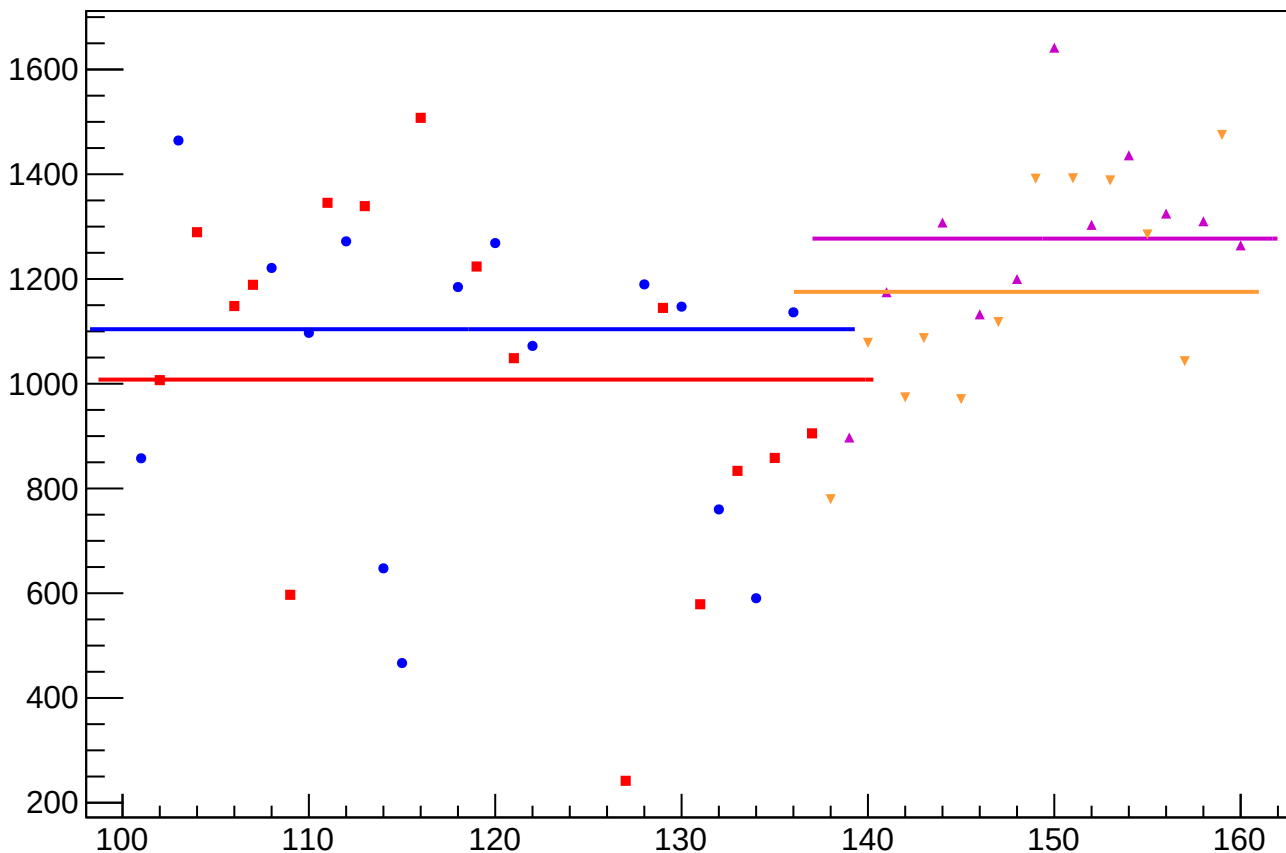
dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 $\pm$ 0.000 χ^2 /NDF: 3455499087584693564208174061322240.0/14
 Left Out: 2.185 $\pm$ 0.000 χ^2 /NDF: 75501266637773006003816821161984.0/11
 Right Out: 2.821 $\pm$ 0.000 χ^2 /NDF: 3052948718107902490497172912472064.0/15
 Left In: 2.317 $\pm$ 0.000 χ^2 /NDF: 114372564725079889099013285216256.0/10

+ sign 2.468 $\pm$ 0.000 χ^2 /NDF: 37080423065586721
 All: 2.498 $\pm$ 0.000 χ^2 /NDF: 6976795394658
 - sign 2.528 $\pm$ 0.000 χ^2 /NDF: 32658845827885062

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

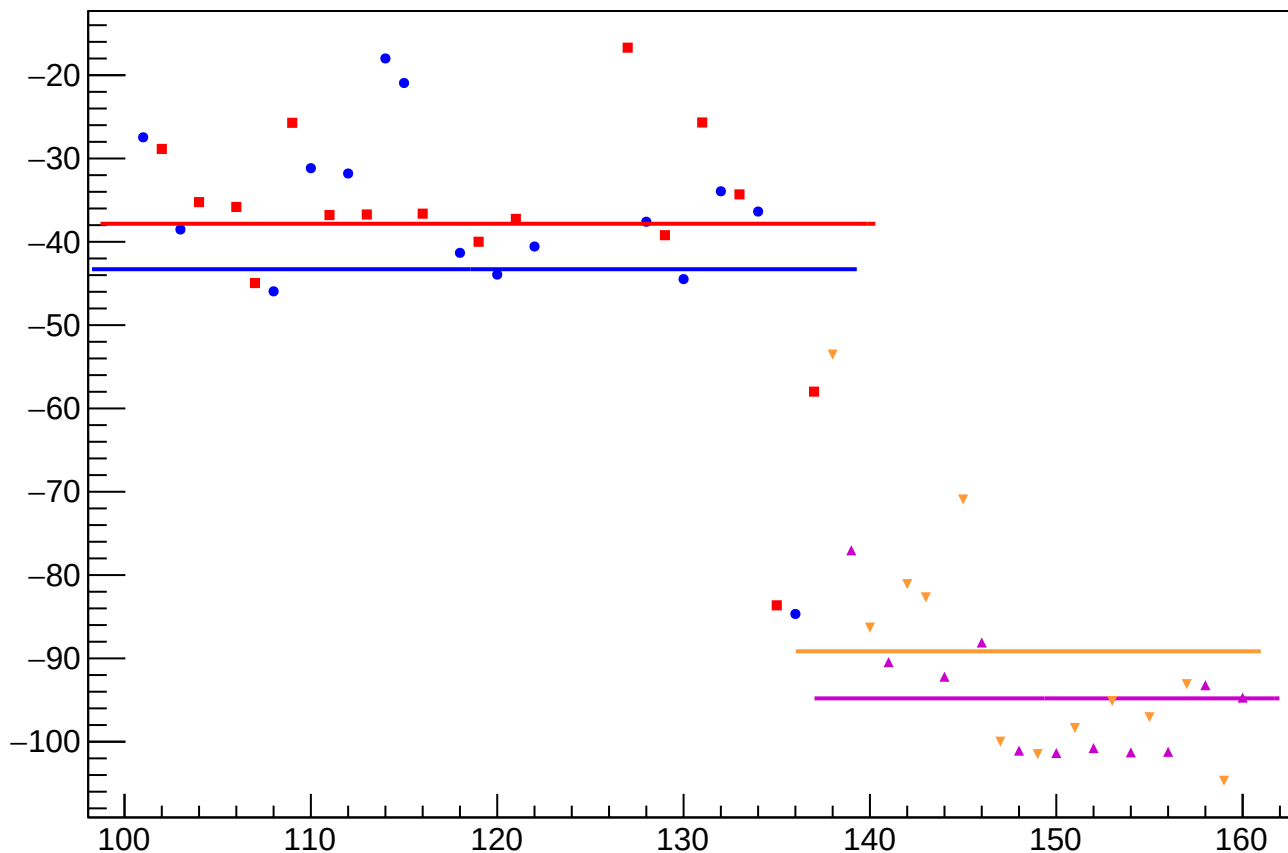
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -89.146+/-0.000 χ^2/NDF : 189364483855471766611288200184856576.0/11

Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15

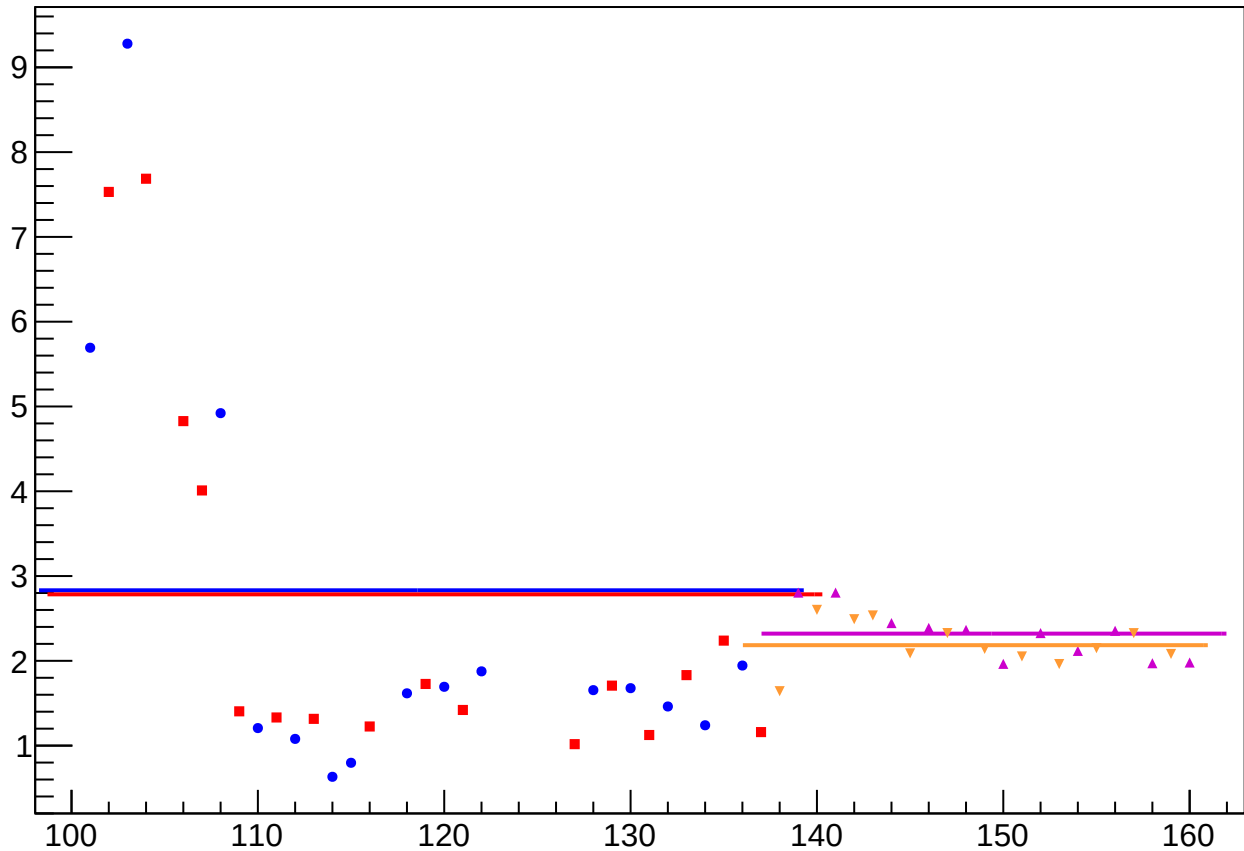
Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

+ sign -70.142+/-0.000 χ^2/NDF : 118785787774979

All: -70.532+/-0.000 χ^2/NDF : 264319706173

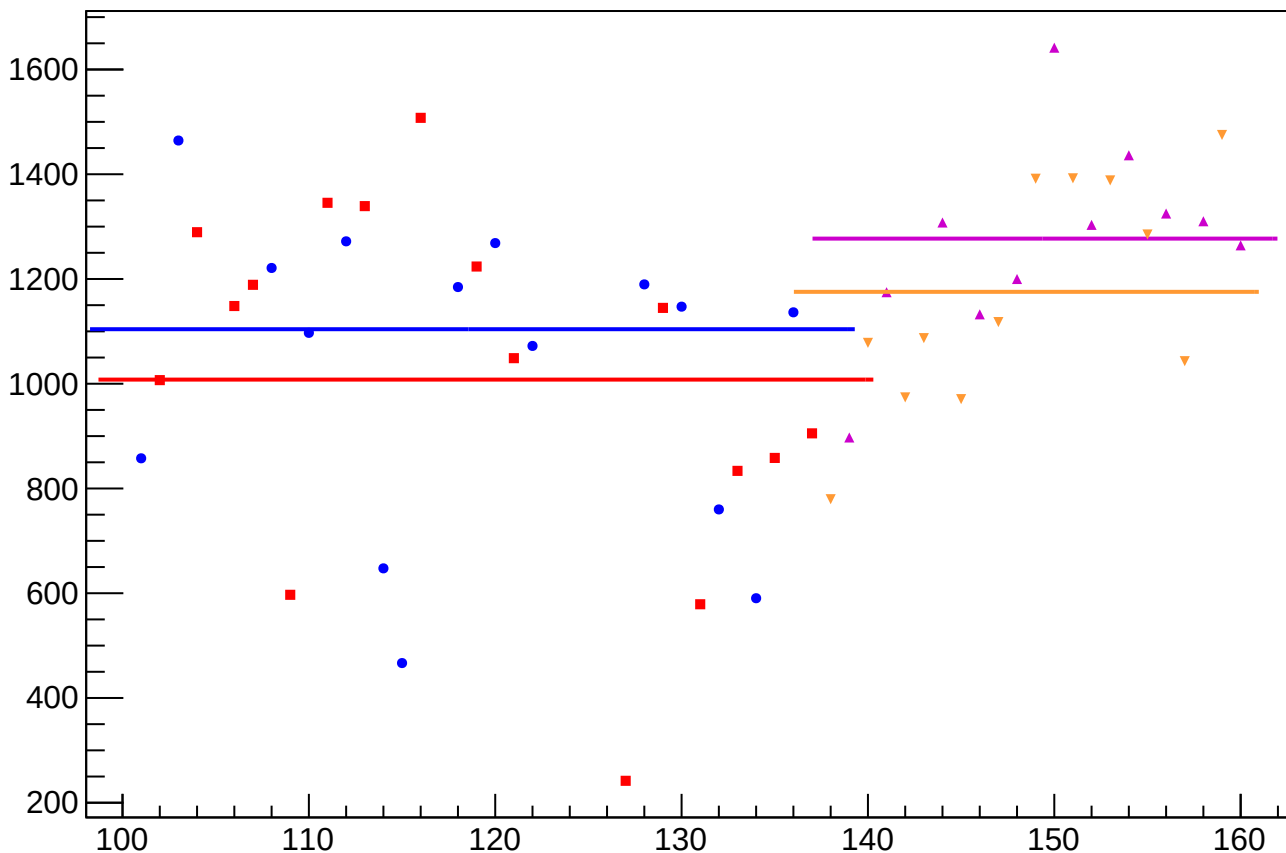
- sign -70.917+/-0.000 χ^2/NDF : 1454865139874700

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.185+/-0.000 χ^2/NDF : 60382547029004782914122064855040.0/11
 Right Out: 2.784+/-0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.321+/-0.000 χ^2/NDF : 74619123224616324544404505231360.0/10
 + sign 2.453+/-0.000 χ^2/NDF : 41772543306903893
 All: 2.484+/-0.000 χ^2/NDF : 79276435575179
 - sign 2.515+/-0.000 χ^2/NDF : 37473289103826657

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

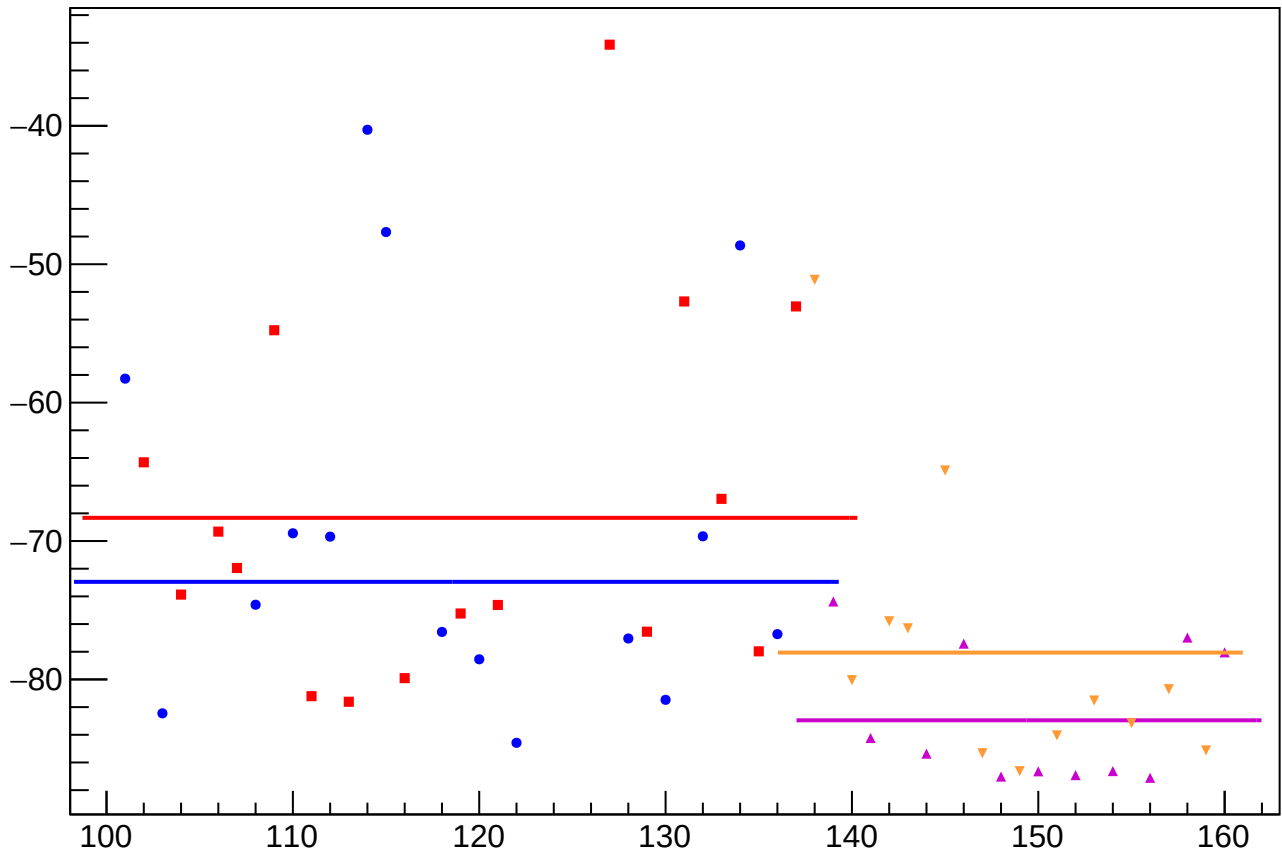
All: 1155.145+/-0.000 χ^2/NDF : 20163313284

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

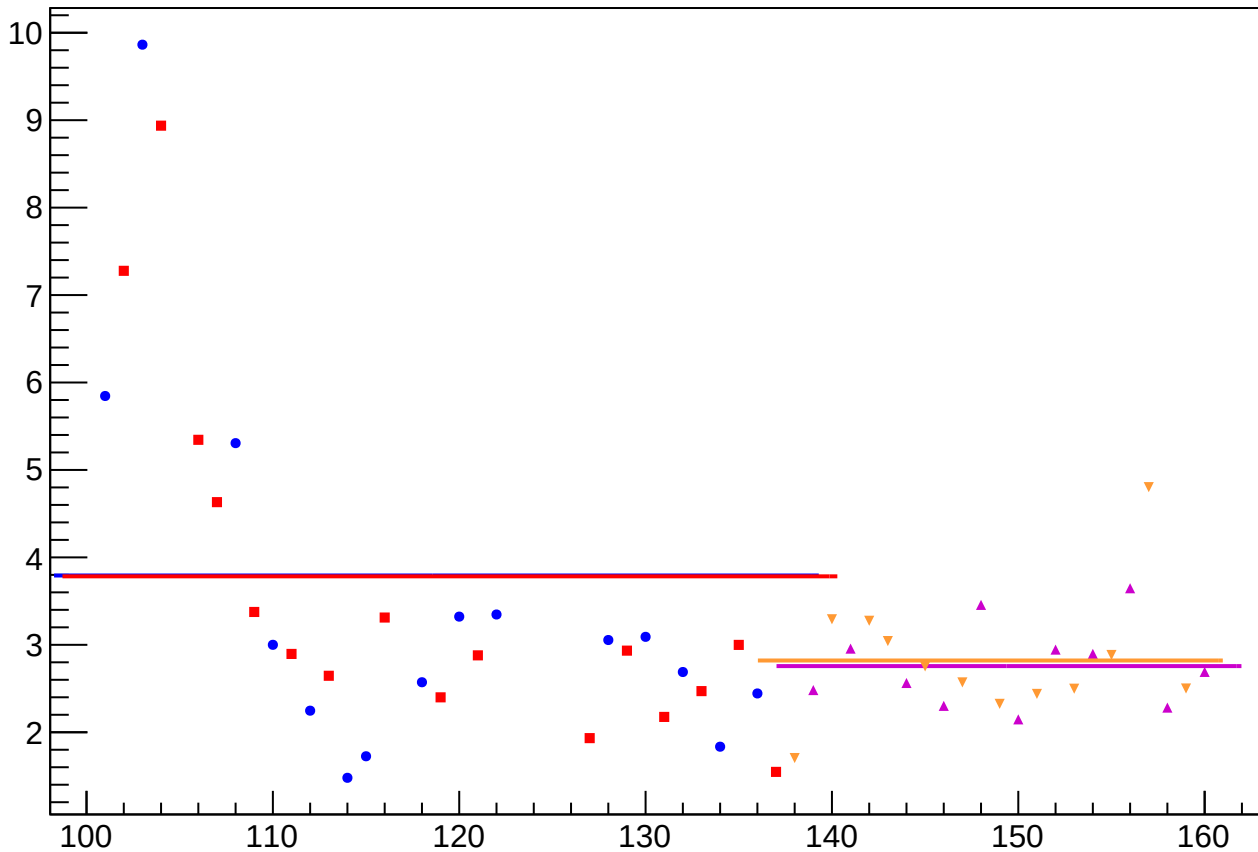
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_11X12X_coil3_mean vs Slug



Right In: -72.949 ± 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14
 Left Out: -78.060 ± 0.000 χ^2/NDF : 92076989783561024991215559553056768.0/11
 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



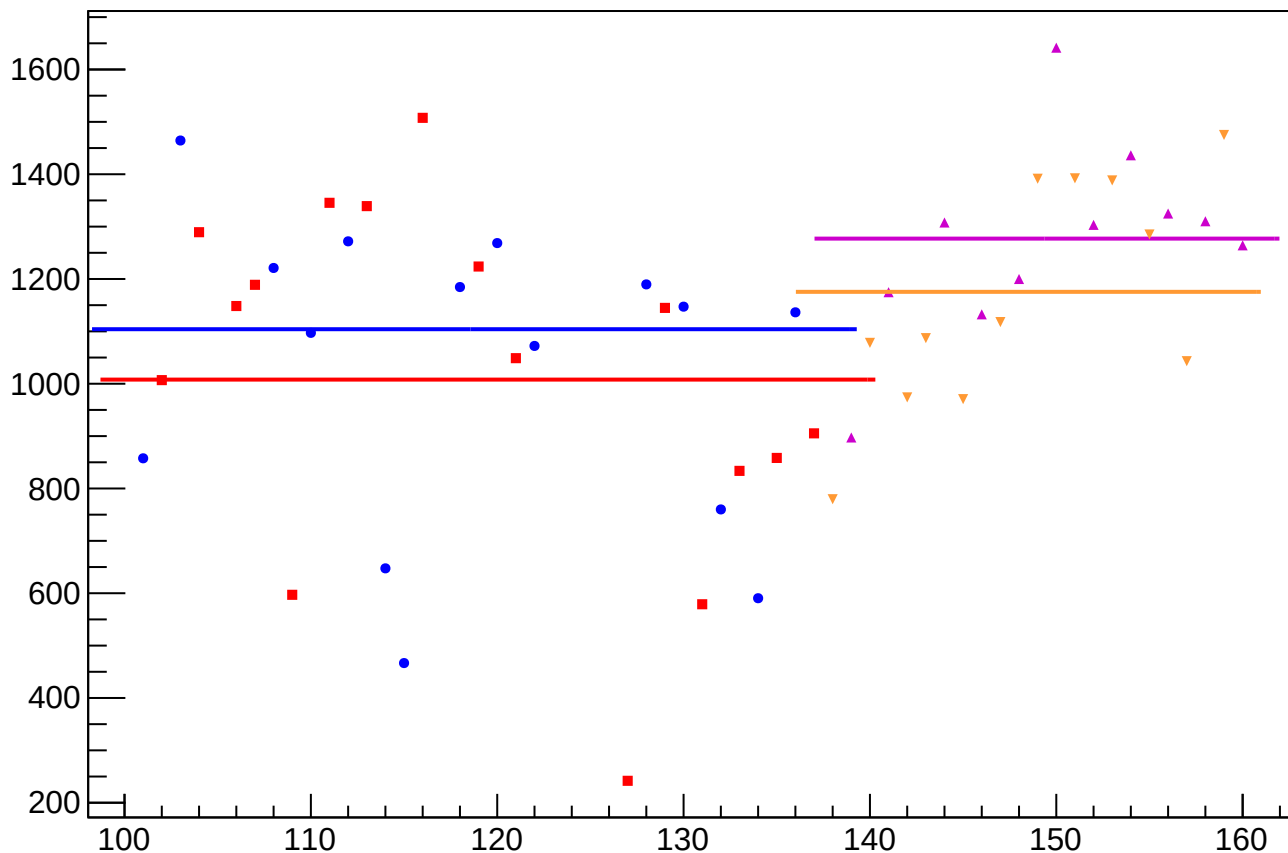
Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14

Left Out: 2.821+/-0.000 χ^2/NDF : 493082555580785627275797679046656.0/11

Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15

Left In: 2.757+/-0.000 χ^2/NDF : 191720746547732306226054042746880.0/10

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

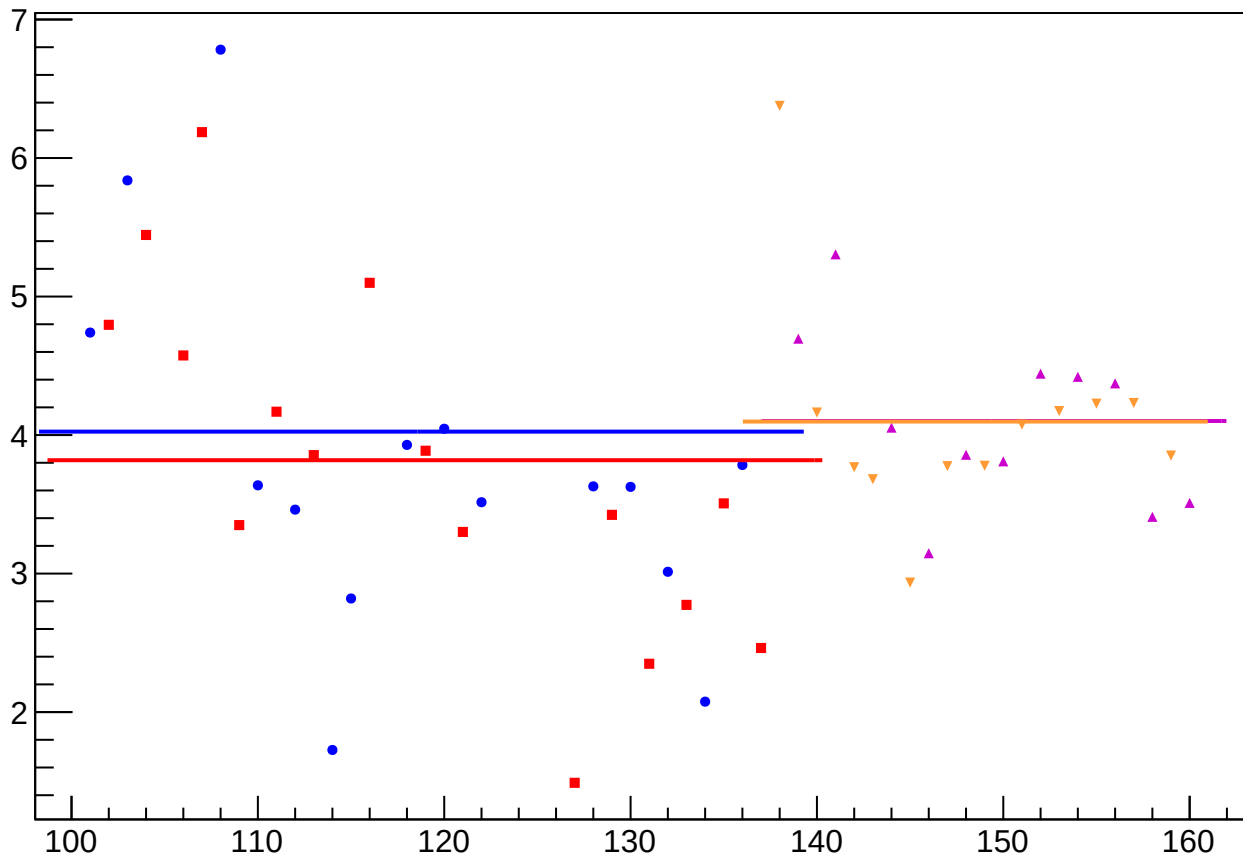
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 2016331328

- 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: 4.098+/-0.000 χ^2/NDF : 556317927026663328650590815256576.0/11

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

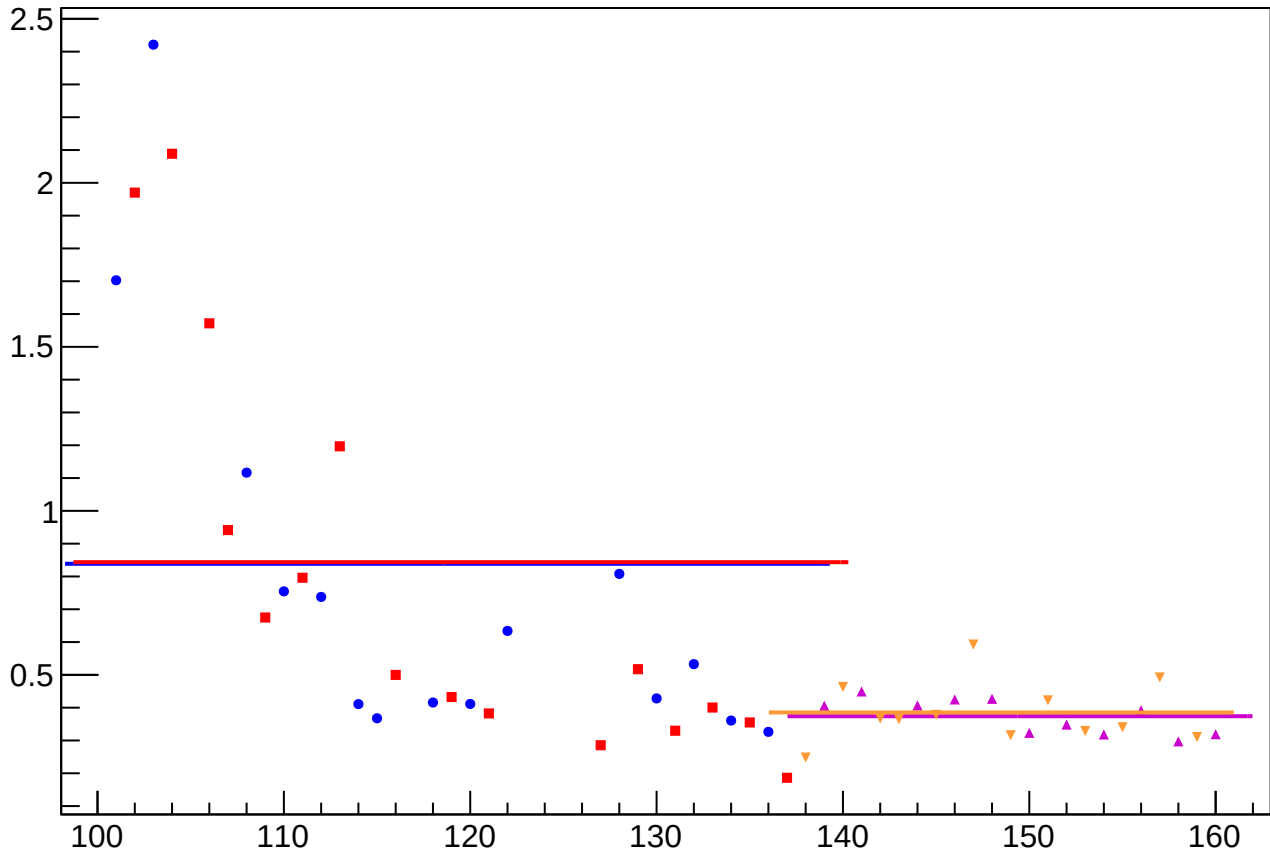
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

All: 4.025+/-0.000 χ^2/NDF : 25822220881669

+ sign 4.067+/-0.000 χ^2/NDF : 13273278579594570

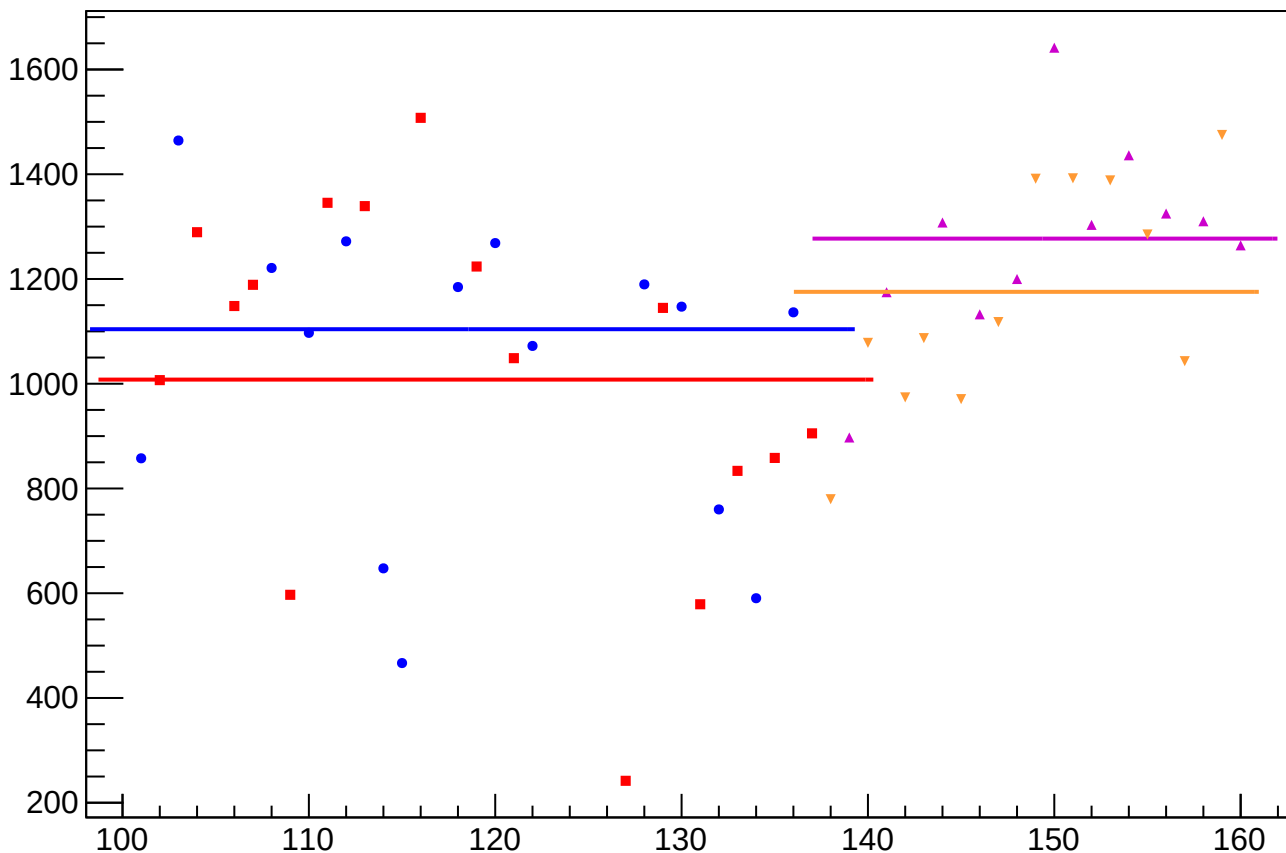
- sign 3.983+/-0.000 χ^2/NDF : 12492685976346881

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 ± 0.000 χ^2/NDF : 258416025334615661521163083841536.0/14
 Left Out: 0.385 ± 0.000 χ^2/NDF : 7658632015844553503510259302400.0/11
 Right Out: 0.844 ± 0.000 χ^2/NDF : 252917509393432760240648918925312.0/15
 Left In: 0.374 ± 0.000 χ^2/NDF : 2408191855928929204652403064832.0/10

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

+ sign 1145.901 $\pm$ 0.000 χ^2 /NDF: 74640424030704

Left Out: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11

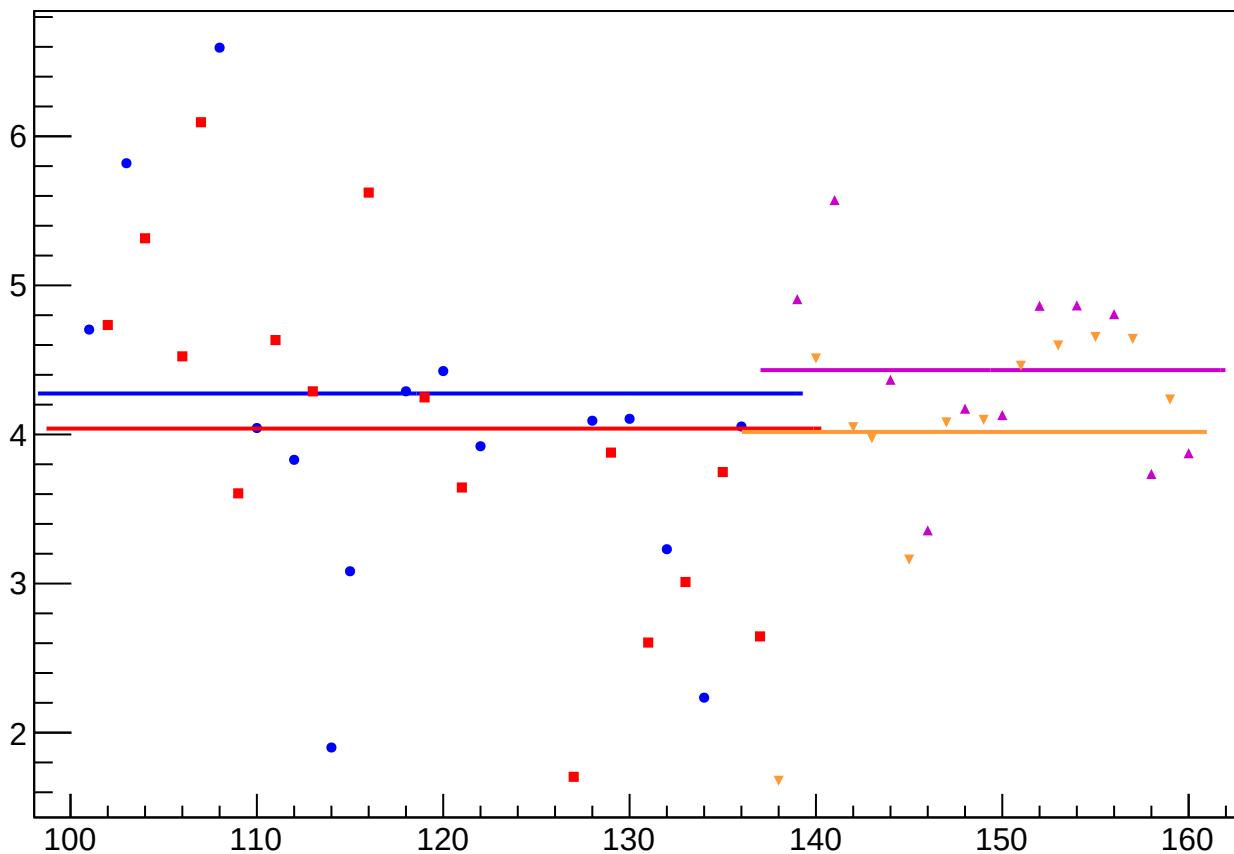
All: 1155.145 $\pm$ 0.000 χ^2 /NDF: 2016331328

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 4.017+/-0.000 χ^2/NDF : 618248057516763535647221148024832.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

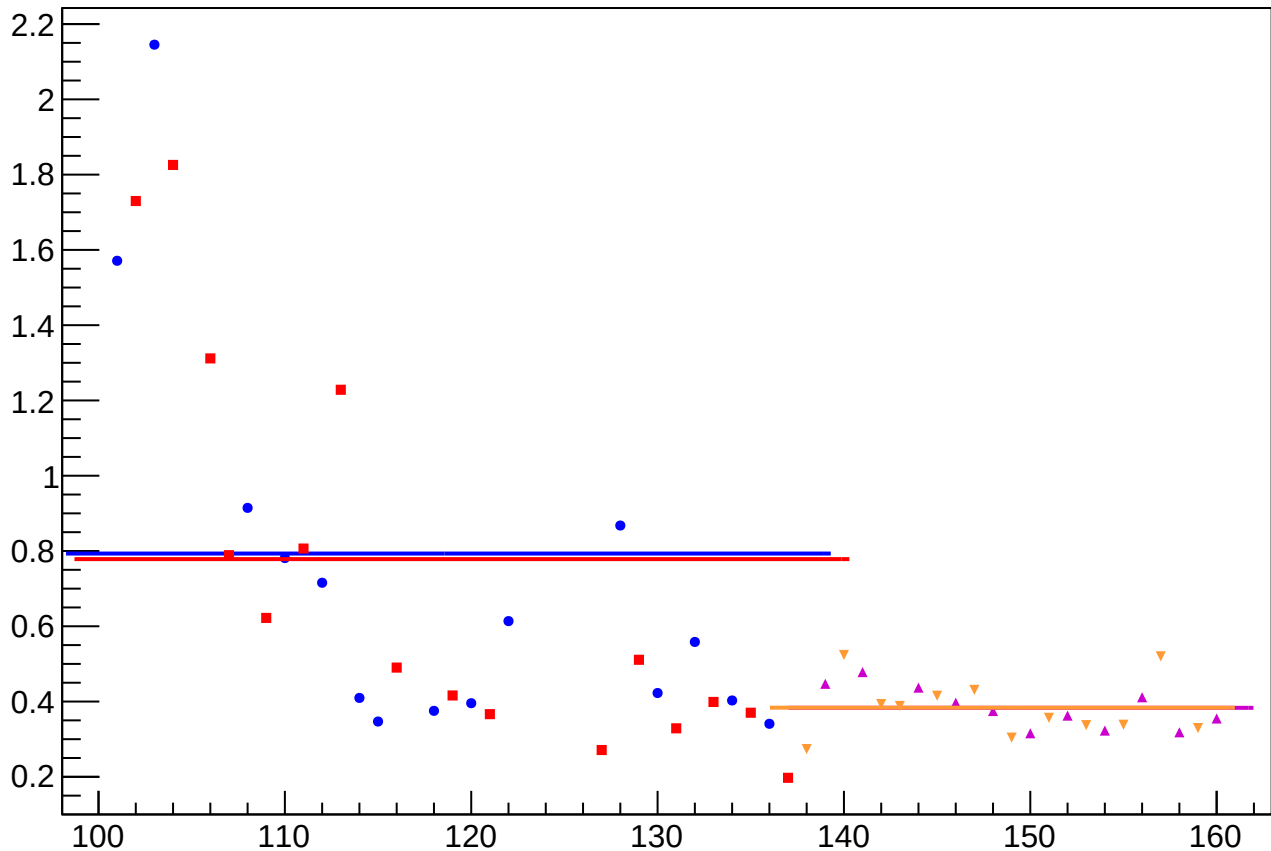
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.124+/-0.000 χ^2/NDF : 12406832910445444

All: 4.196+/-0.000 χ^2/NDF : 24344292560010

- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000 χ^2 /NDF: 195508777173589483440314700005376.0/14

Left Out: 0.384 $\pm$ 0.000 χ^2 /NDF: 5453192114665634094551262035968.0/11

Right Out: 0.778 $\pm$ 0.000 χ^2 /NDF: 185814635772183306063903690063872.0/15

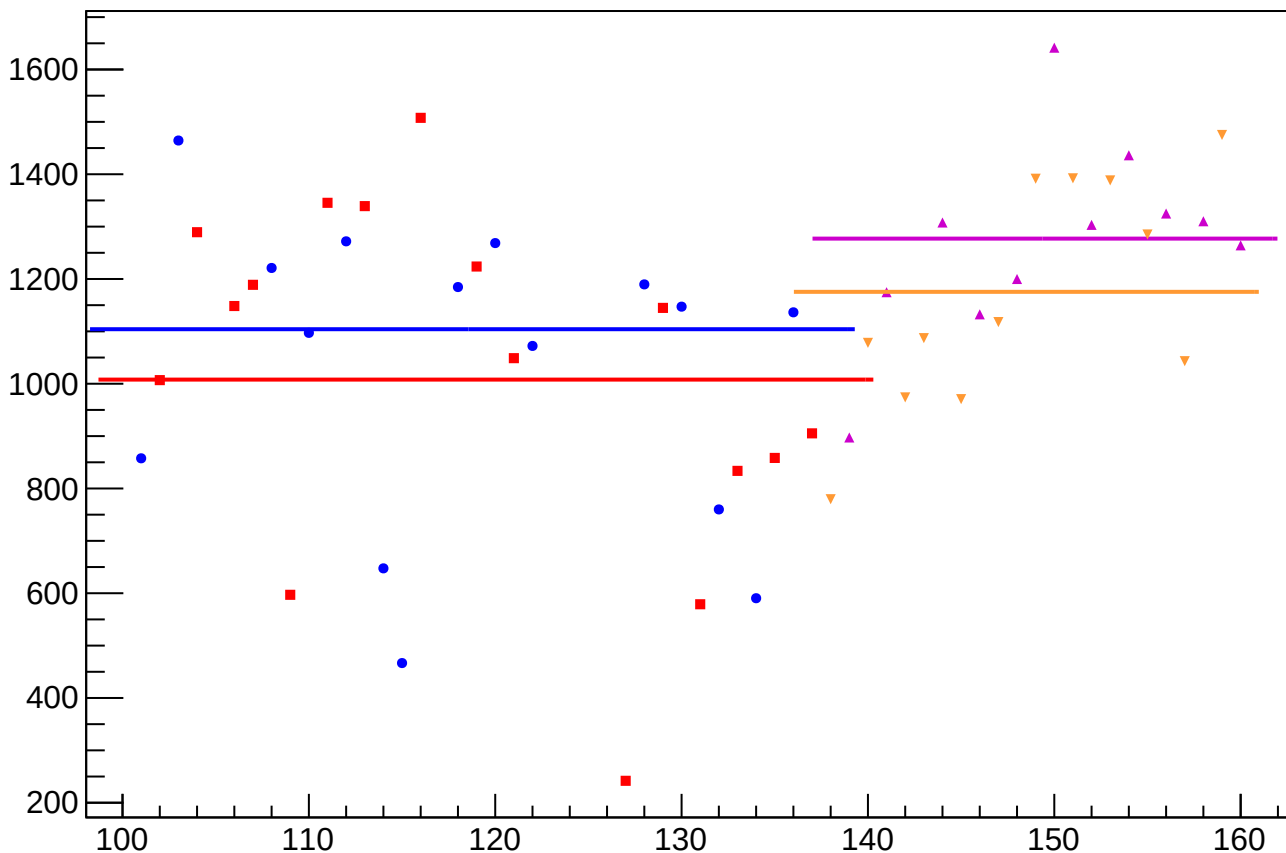
Left In: 0.383 $\pm$ 0.000 χ^2 /NDF: 2618375268437967875049691021312.0/10

+ sign 0.553 $\pm$ 0.000 χ^2 /NDF: 26468780298138332

All: 0.551 $\pm$ 0.000 χ^2 /NDF: 5136149138399

- sign 0.549 $\pm$ 0.000 χ^2 /NDF: 24891120675551359

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

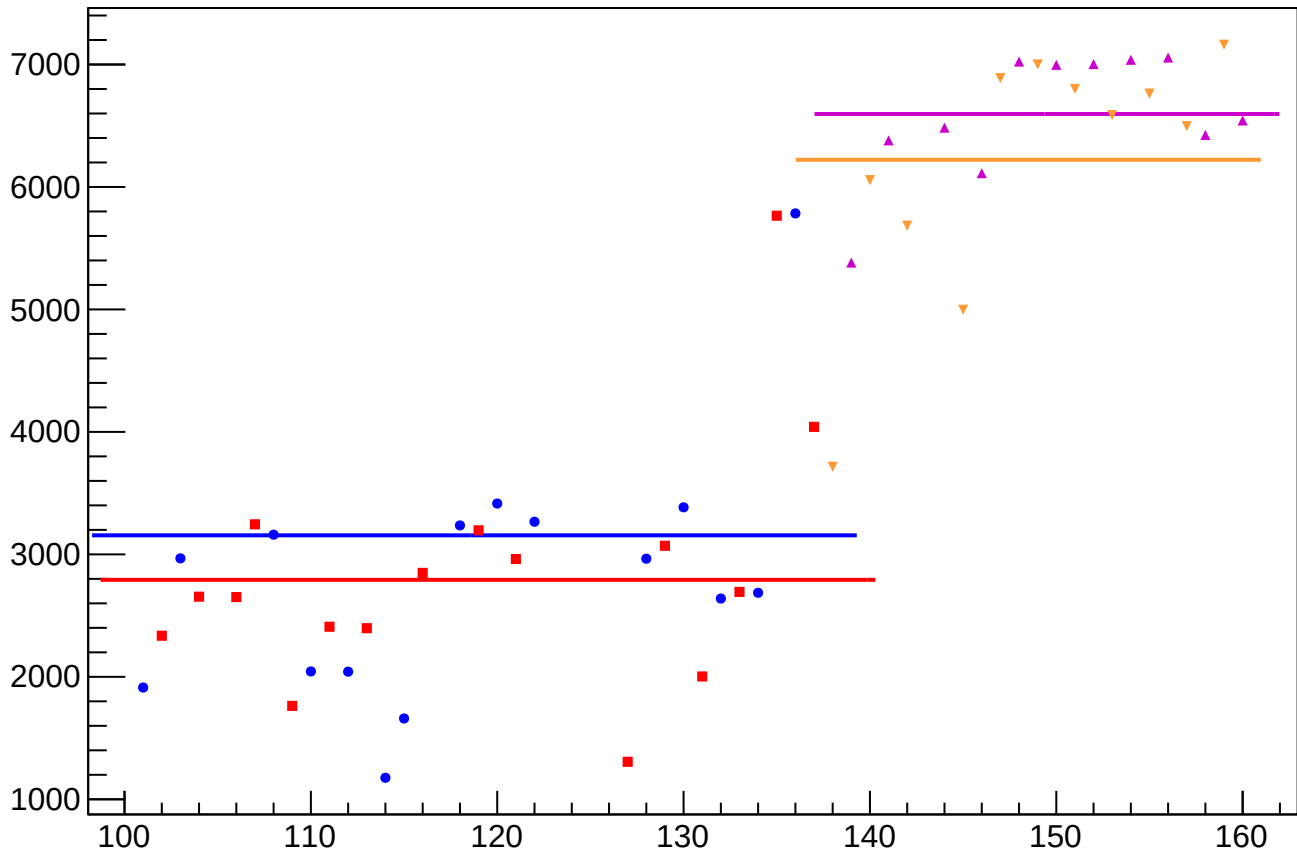
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

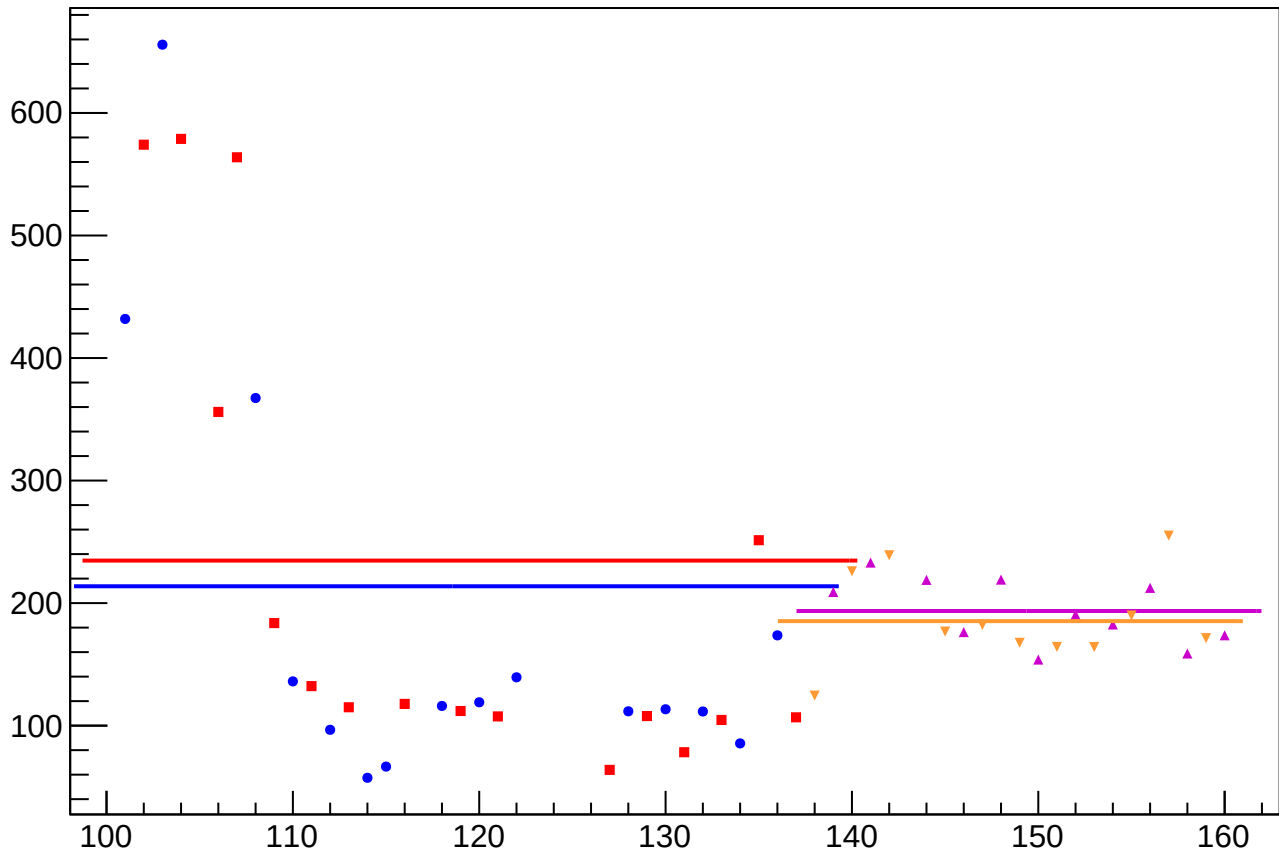
All: 1155.145+/-0.000 χ^2/NDF : 20163313284.0/14

dit_usl_coil3_mean vs Slug



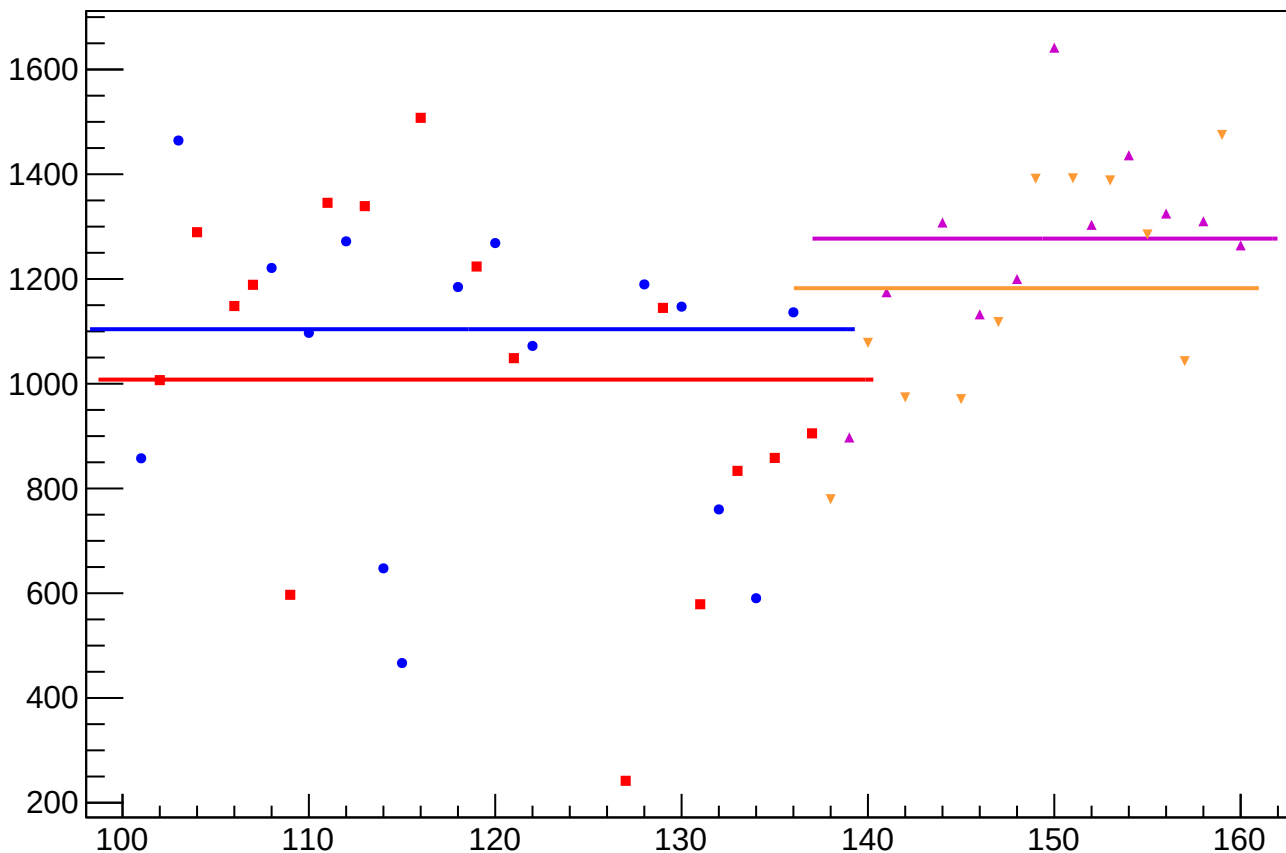
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6221.938+/-0.000 χ^2/NDF : 849977473152285312907595623686819807232.0/10
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6595.861+/-0.000 χ^2/NDF : 225164805715400368671043826745864093696.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 213.739 $\pm$ 0.000 χ^2 /NDF: 19718138109054002114361149860507287552.0/14
 Left Out: 185.291 $\pm$ 0.000 χ^2 /NDF: 1063728674006350590661838746148667392.0/10
 Right Out: 234.712 $\pm$ 0.000 χ^2 /NDF: 24013134107167214895189050481067425792.0/15
 Left In: 193.543 $\pm$ 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: 1182.447+/-0.000 χ^2/NDF : 39401916671919600348661592701888626688.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

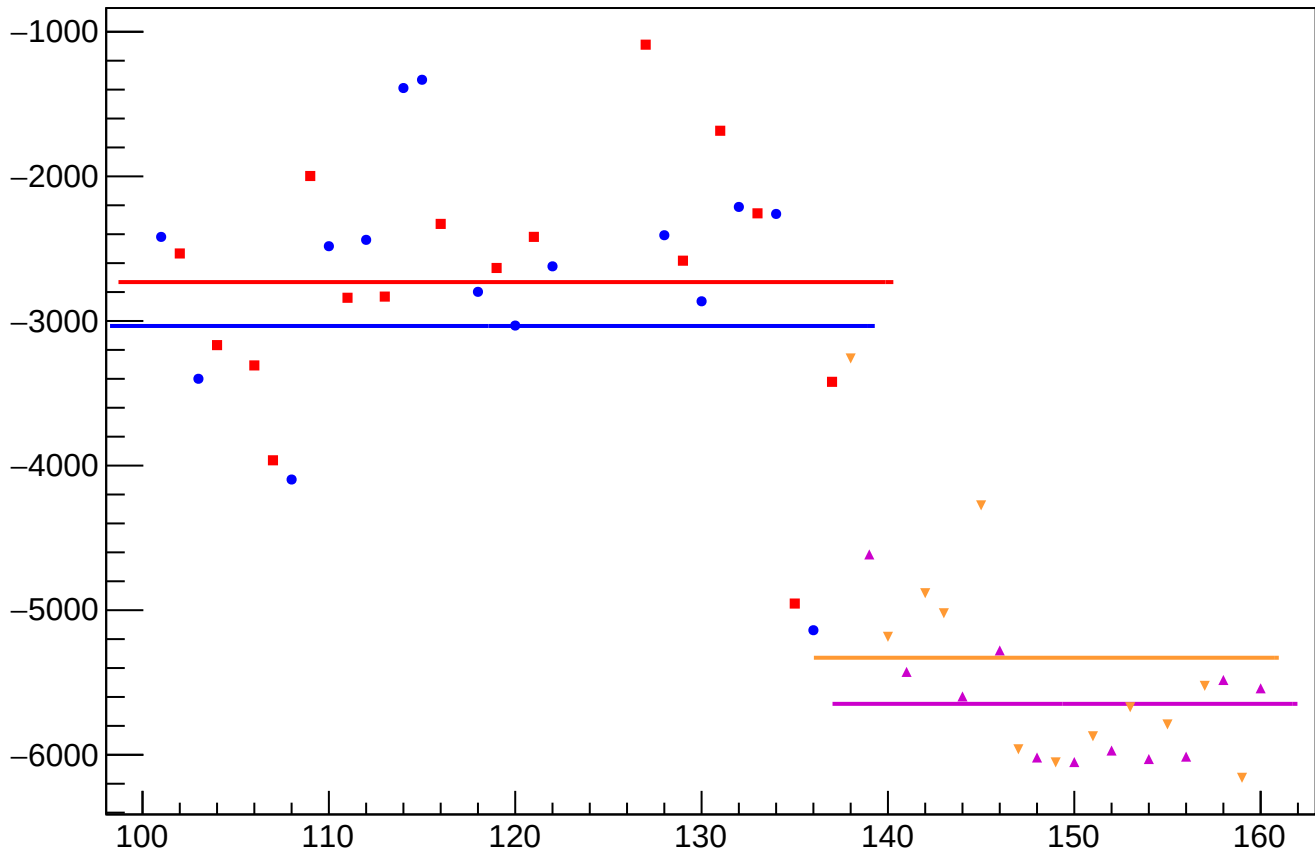
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.531+/-0.000 χ^2/NDF : 74398081441071

All: 1156.621+/-0.000 χ^2/NDF : 20131581499

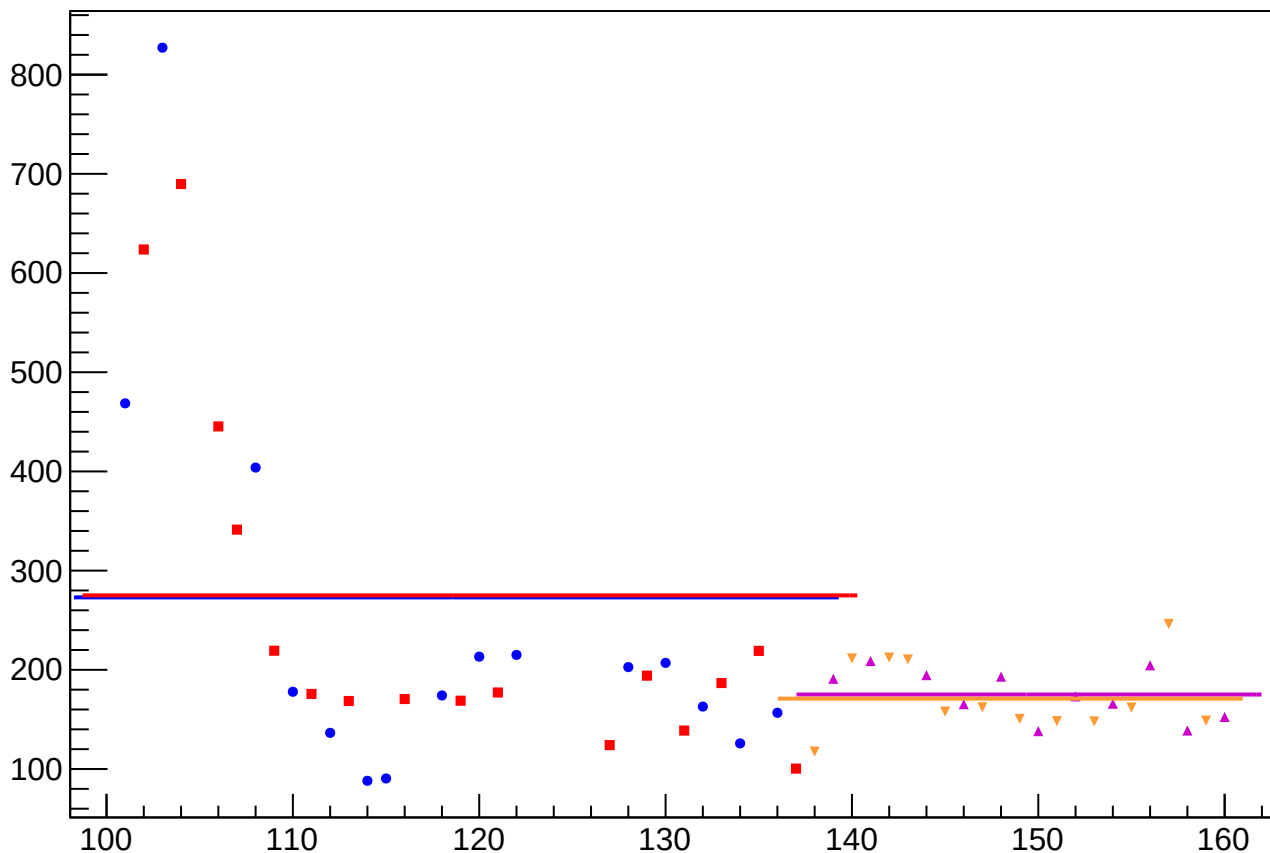
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -5328.796+/-0.000 χ^2/NDF : 624360364489310892896763337628232712192.0/11
 Right Out: -2731.035+/-0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: -5647.632+/-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: 170.956+/-0.000 χ^2/NDF : 1172503860973970615331214508834160640.0/11

Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

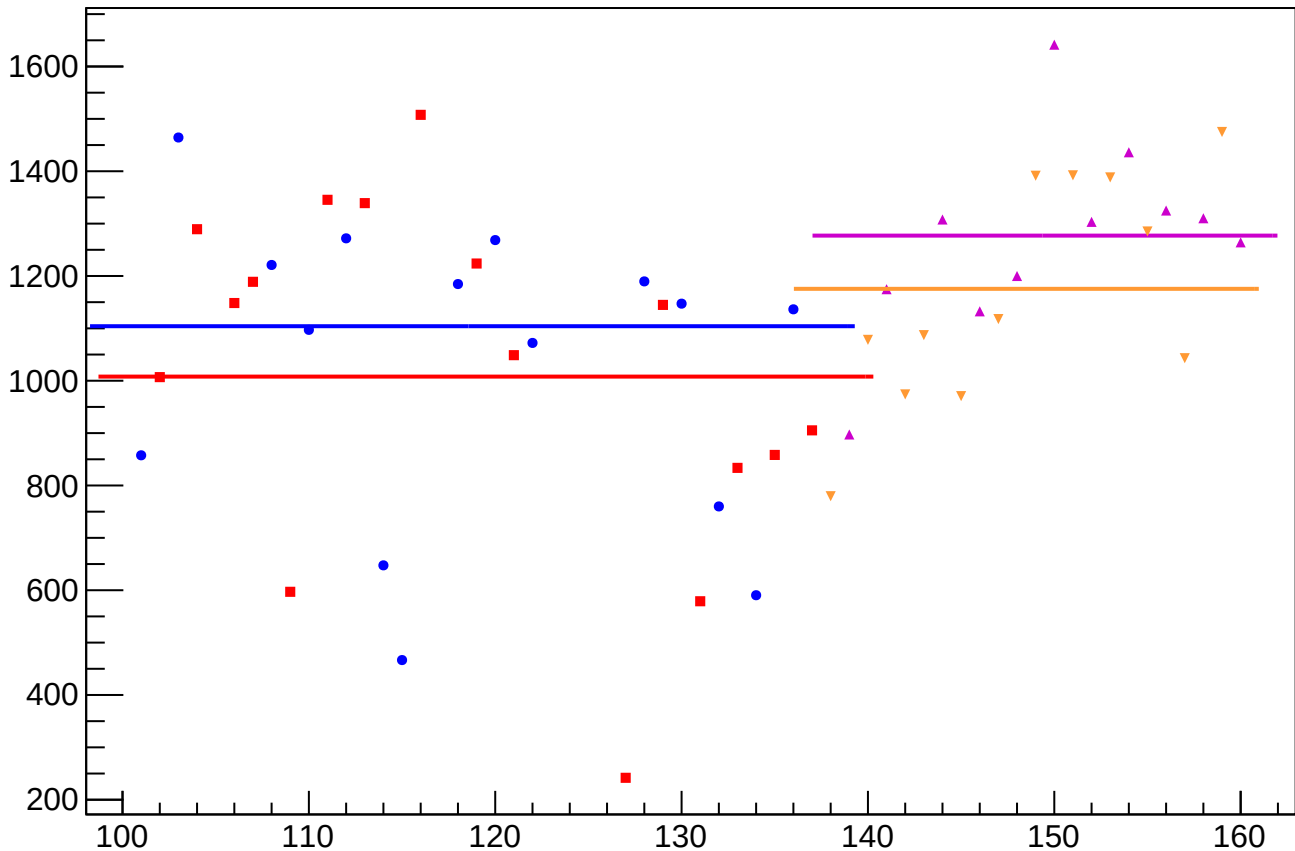
Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10

+ sign 213.262+/-0.000 χ^2/NDF : 316186995366268

All: 215.146+/-0.000 χ^2/NDF : 58296120726

- 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: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

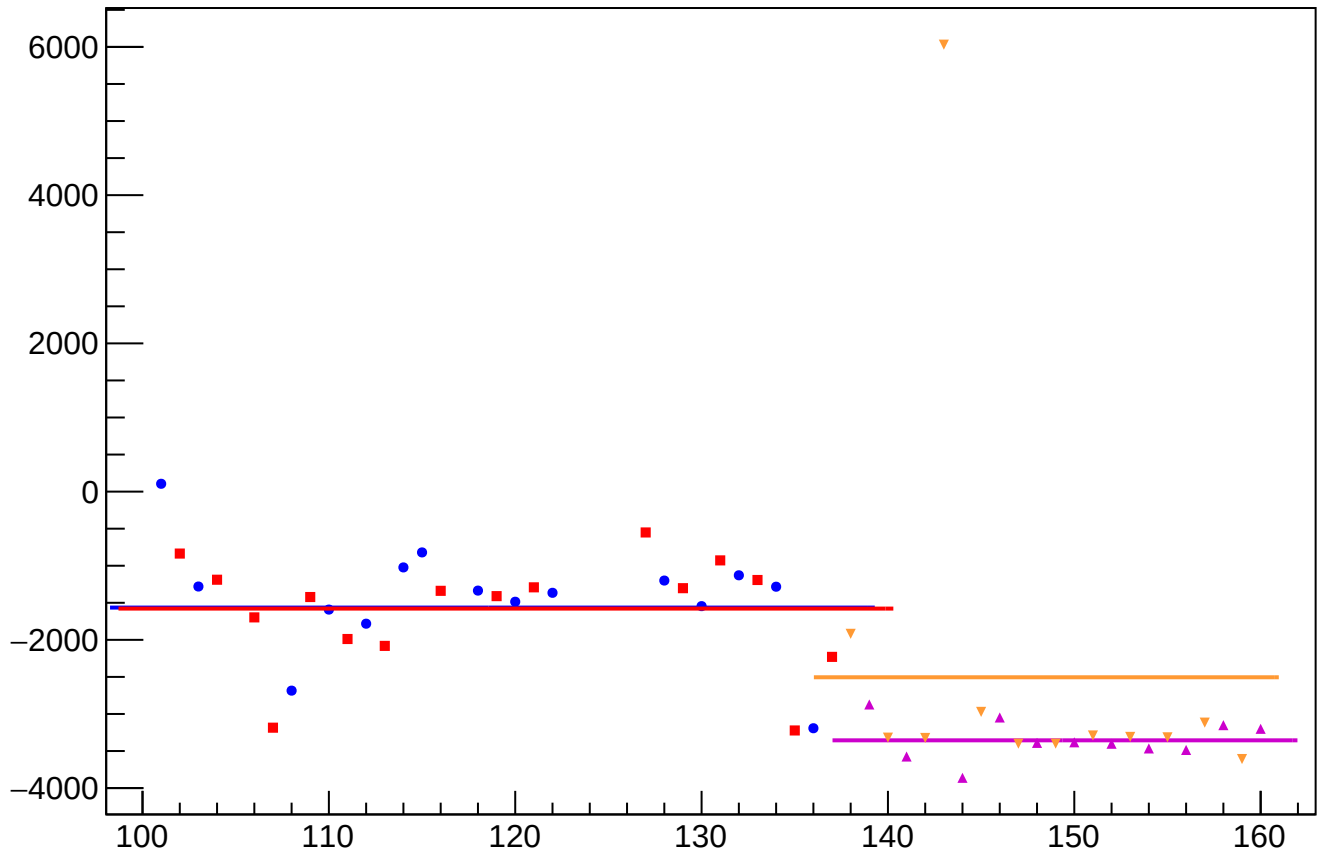
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

All: 1155.145 $\pm$ 0.000 χ^2 /NDF: 20163313284

+ sign 1145.901 $\pm$ 0.000 χ^2 /NDF: 74640424030704

- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

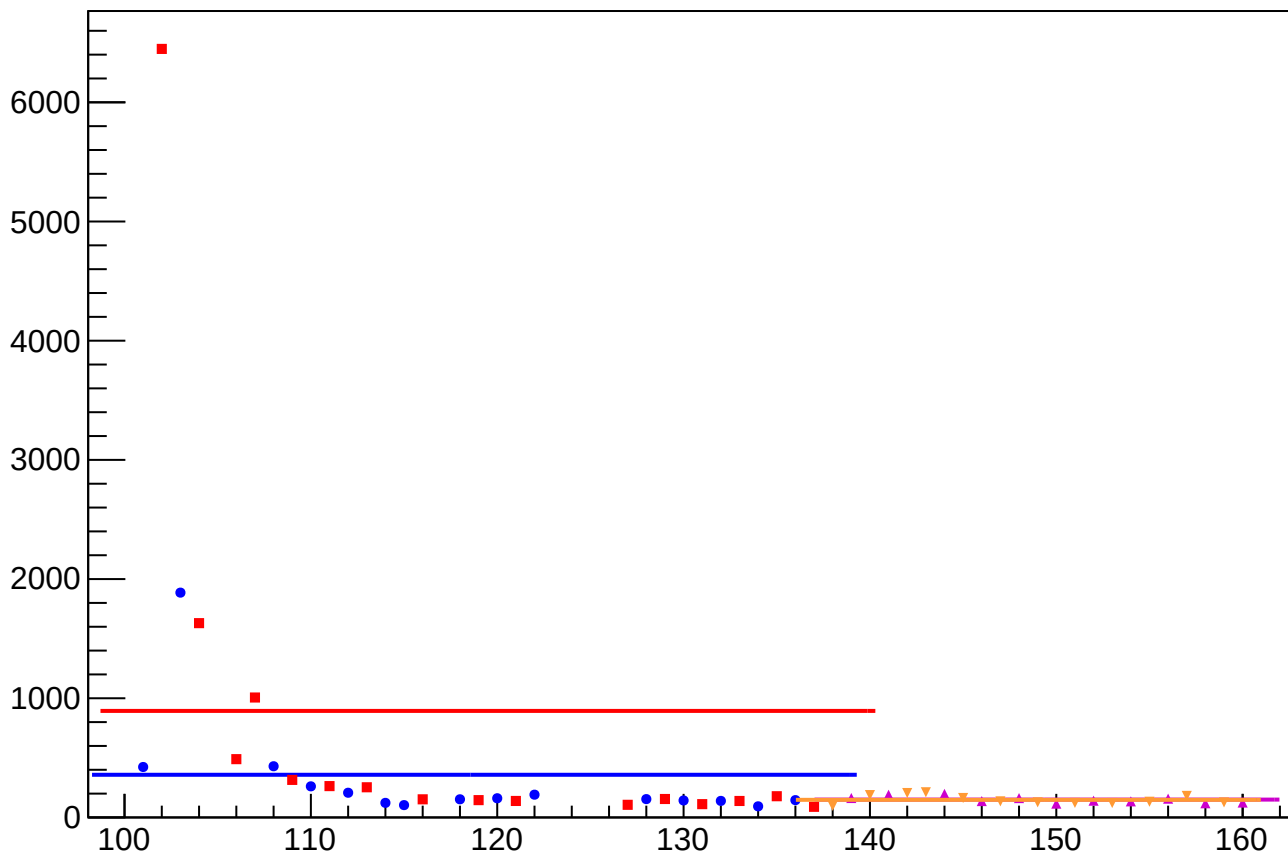
dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -2504.960+/-0.000	χ^2/NDF : 5422497697613230212283297952400402284544.0/11
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3355.712+/-0.000	χ^2/NDF : 61603128430044333980990125877093203968.0/10

+ sign -2115.243+/-0.000 χ^2/NDF : 6242431119735
 All: -2364.838+/-0.000 χ^2/NDF : 8090017506
 - sign -2610.511+/-0.000 χ^2/NDF : 16540032445159

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 147.874+/-0.000 χ^2/NDF : 1073020519575473807448825753294077952.0/11

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

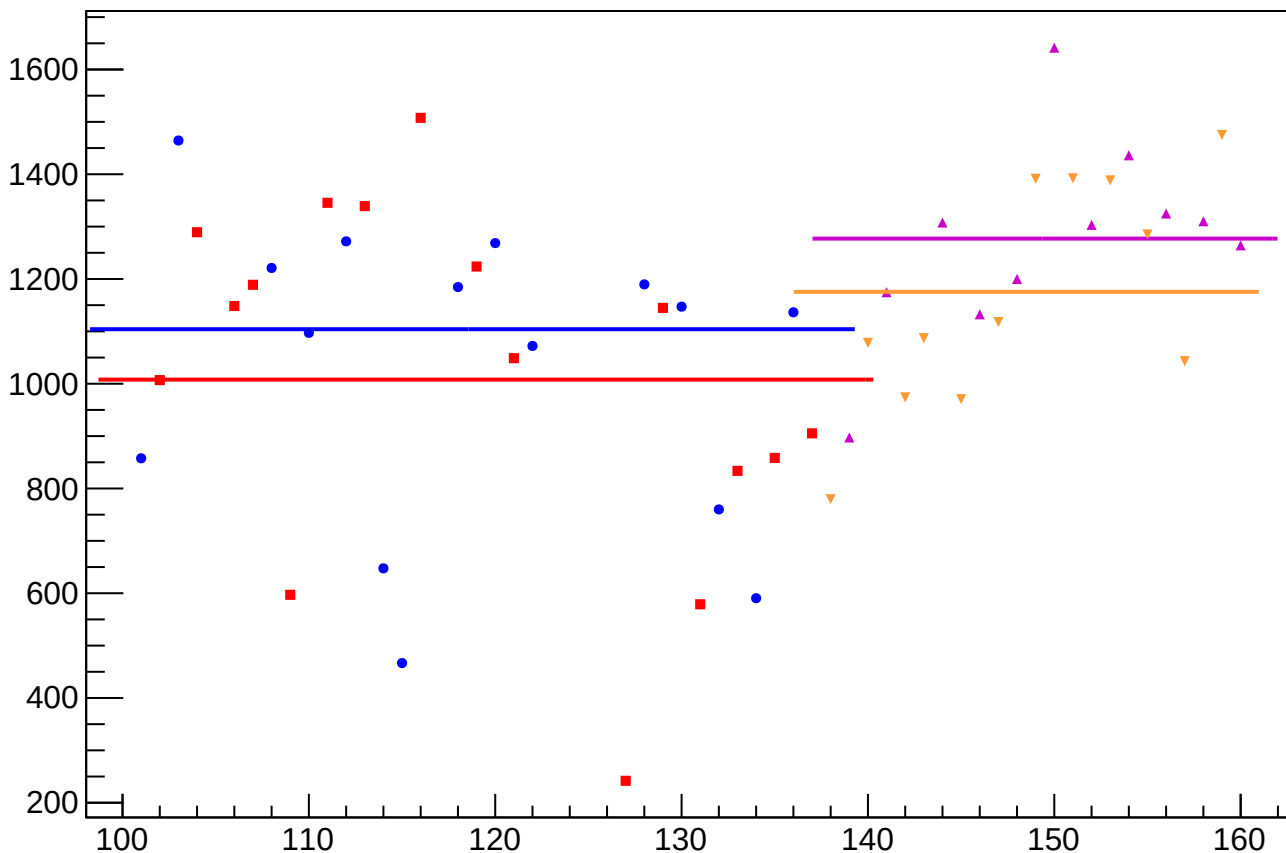
Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

+ sign 234.990+/-0.000 χ^2/NDF : 175788222608458

All: 349.276+/-0.000 χ^2/NDF : 25074043083

- sign 461.767+/-0.000 χ^2/NDF : 229102929368244

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

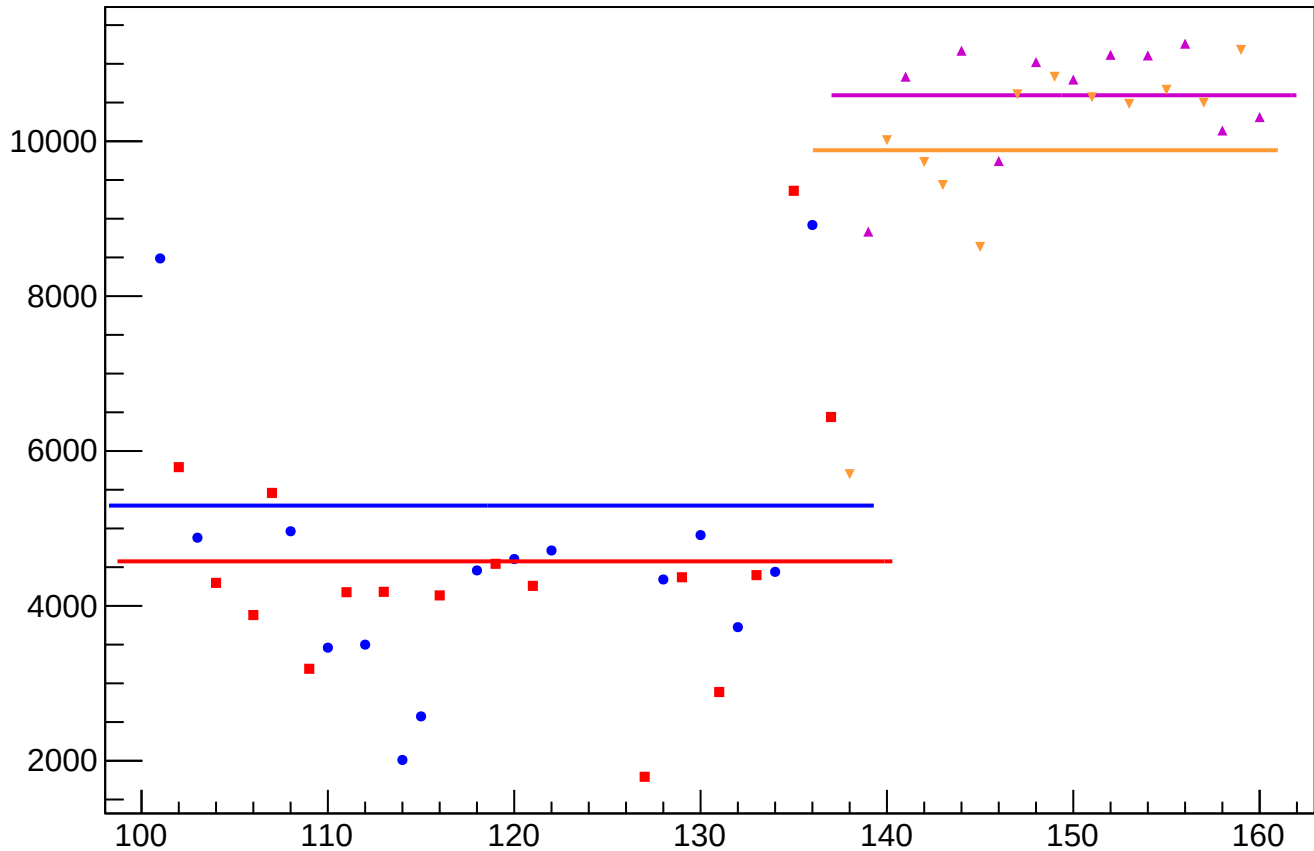
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

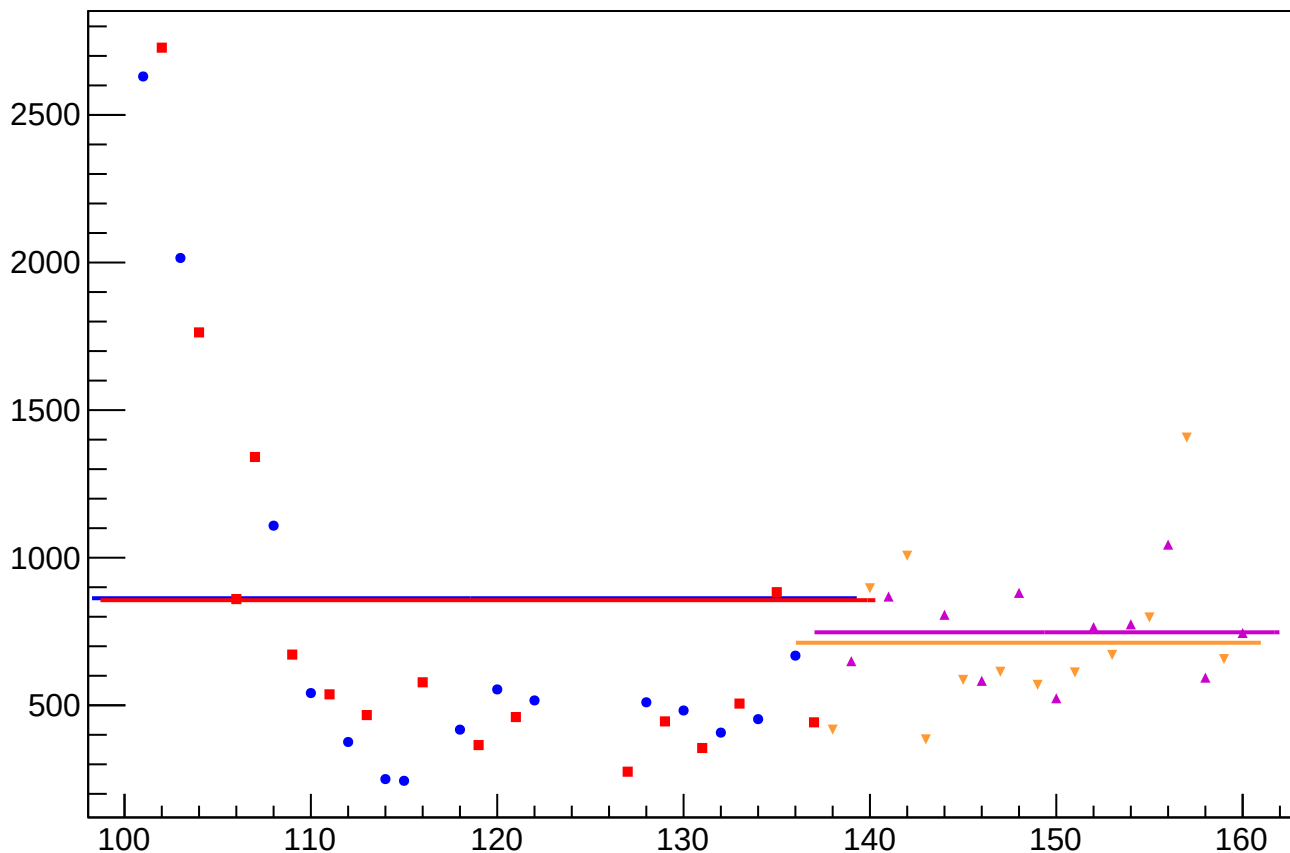
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atl2_coil3_mean vs Slug



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 9883.978 $\pm$ 0.000 χ^2 /NDF: 1902428891005248408553336449765040193536.0/11
 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: 711.884+/-0.000 χ^2/NDF : 64392508404620992008761939417708363776.0/11

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

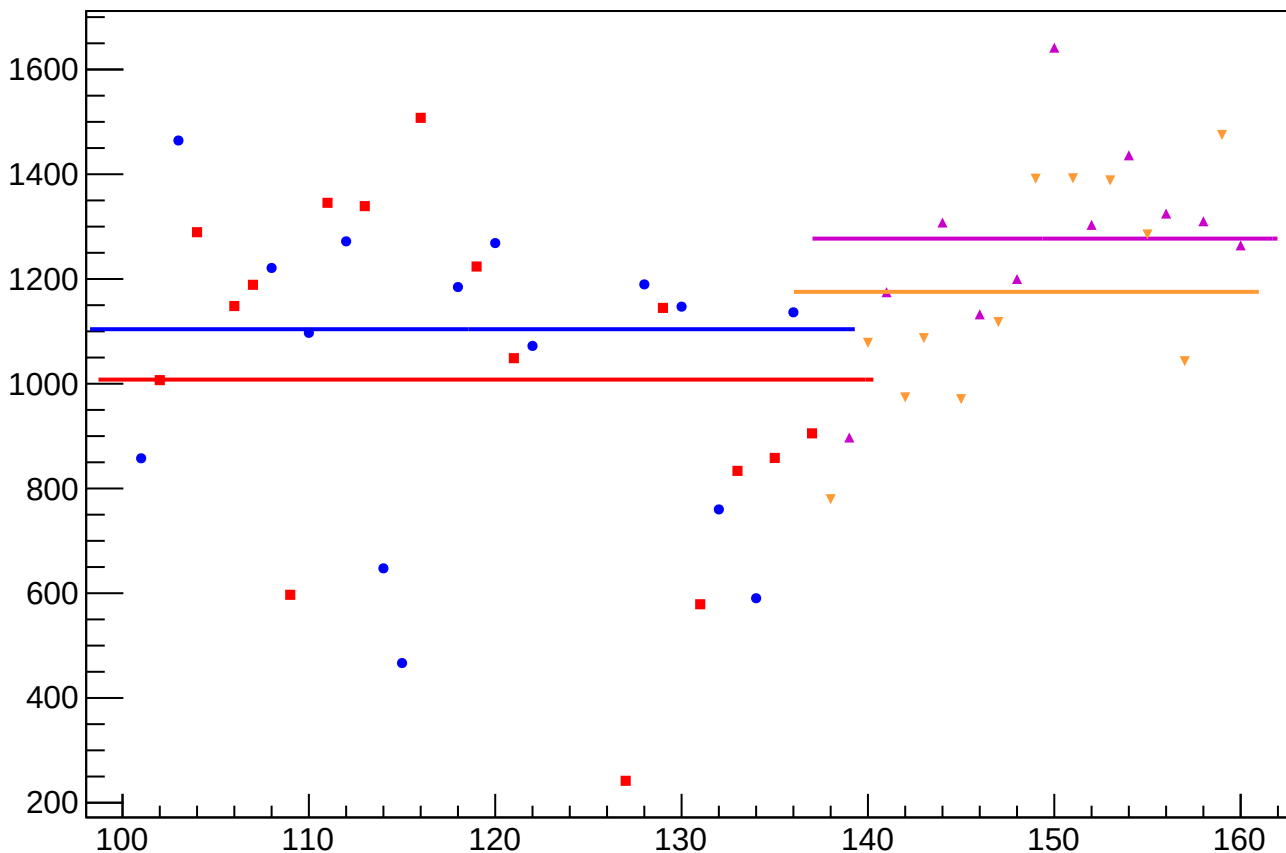
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ sign 774.380+/-0.000 χ^2/NDF : 410718569179273

All: 783.704+/-0.000 χ^2/NDF : 762446879518

- sign 792.881+/-0.000 χ^2/NDF : 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

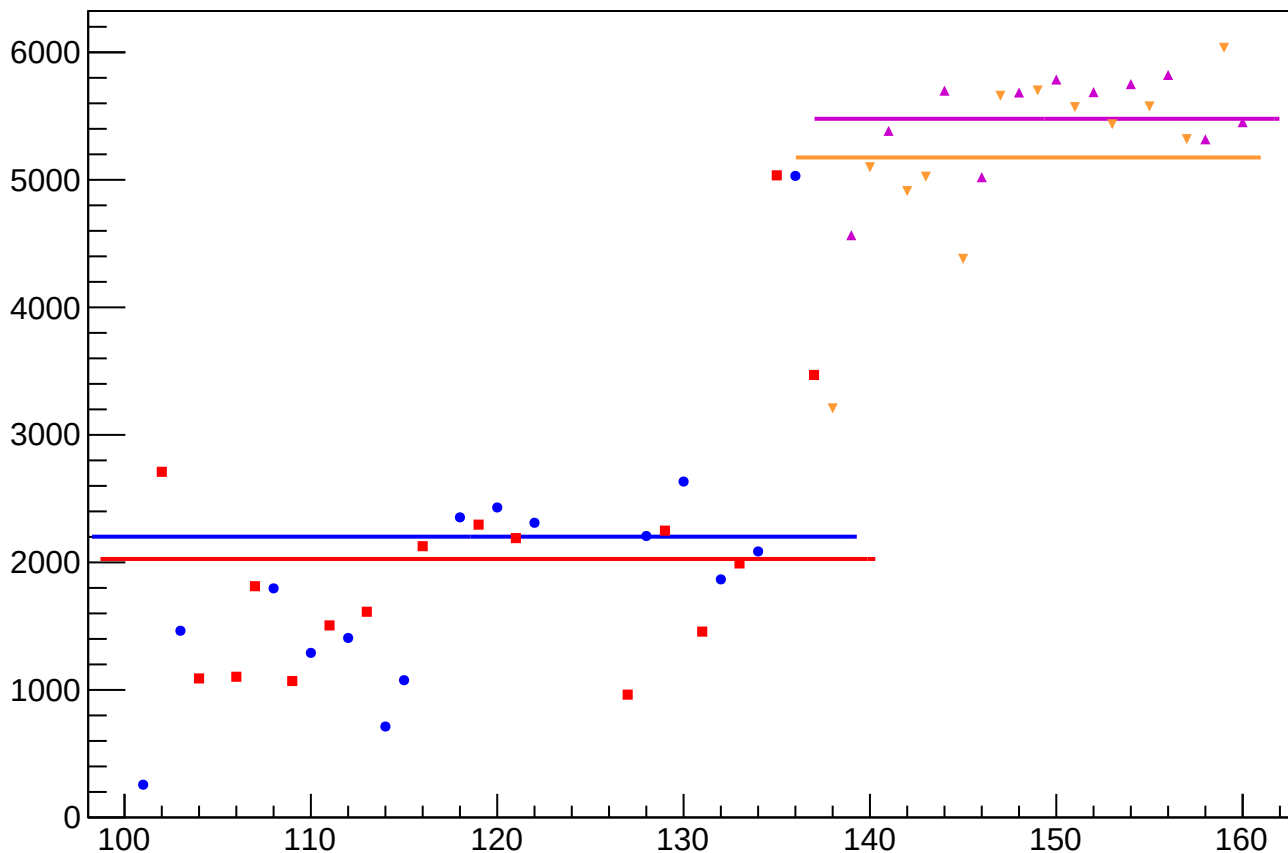
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

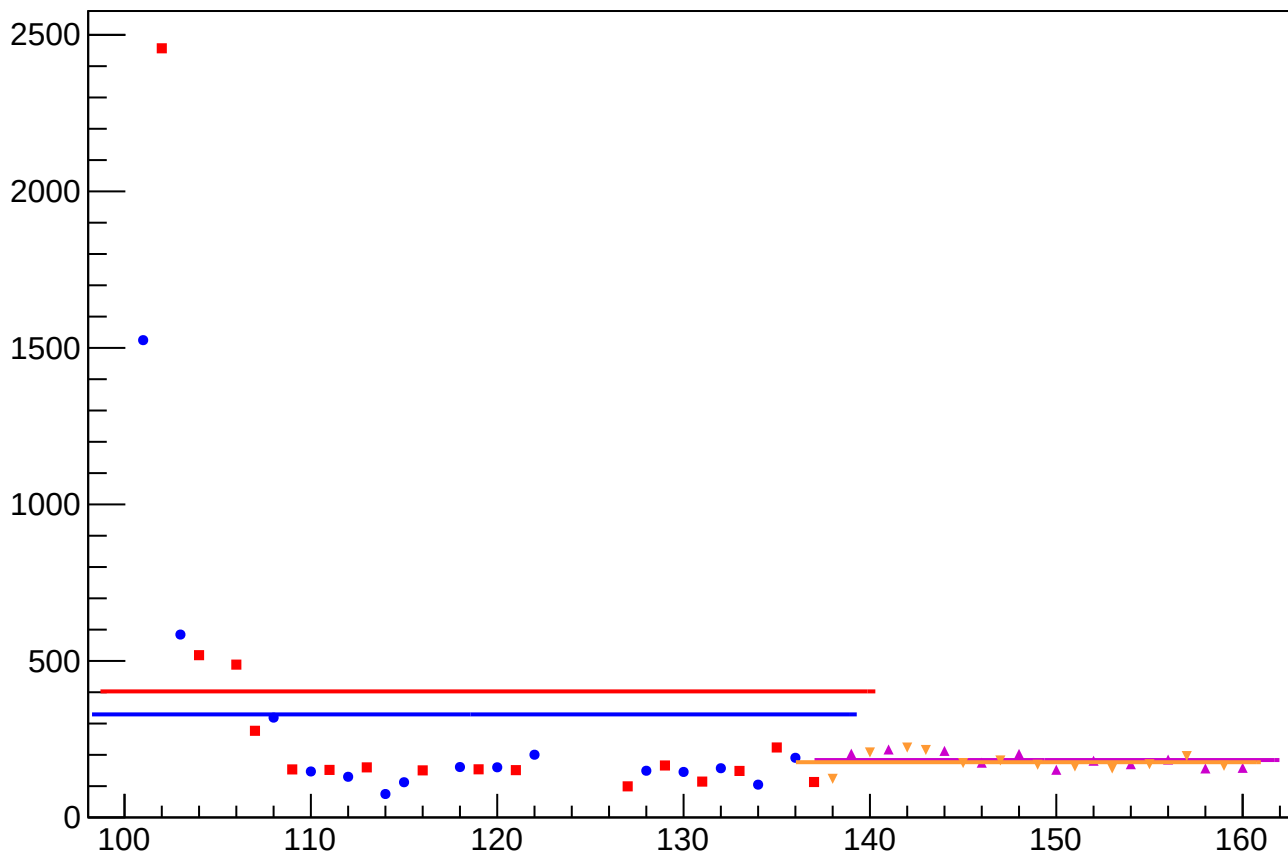
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atr1_coil3_mean vs Slug



Right In: 2201.844 ± 0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5175.489 ± 0.000 χ^2/NDF : 491163082398861244777680604445322248192.0/11
 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: 176.521+/-0.000 χ^2/NDF : 603954020649542809657845120778633216.0/11

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

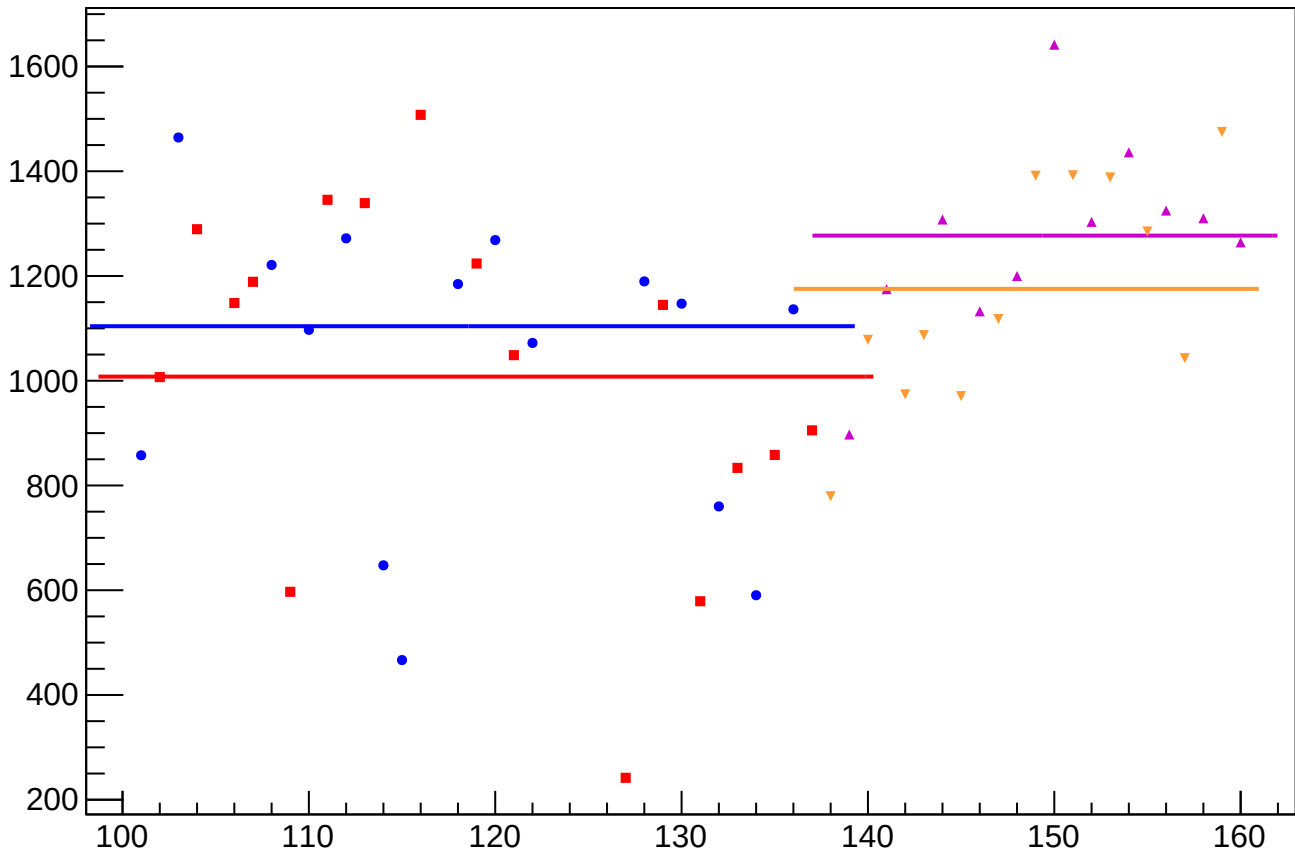
Left In: 183.411+/-0.000 χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 239.808+/-0.000 χ^2/NDF : 112751281695160

All: 257.715+/-0.000 χ^2/NDF : 410462625583

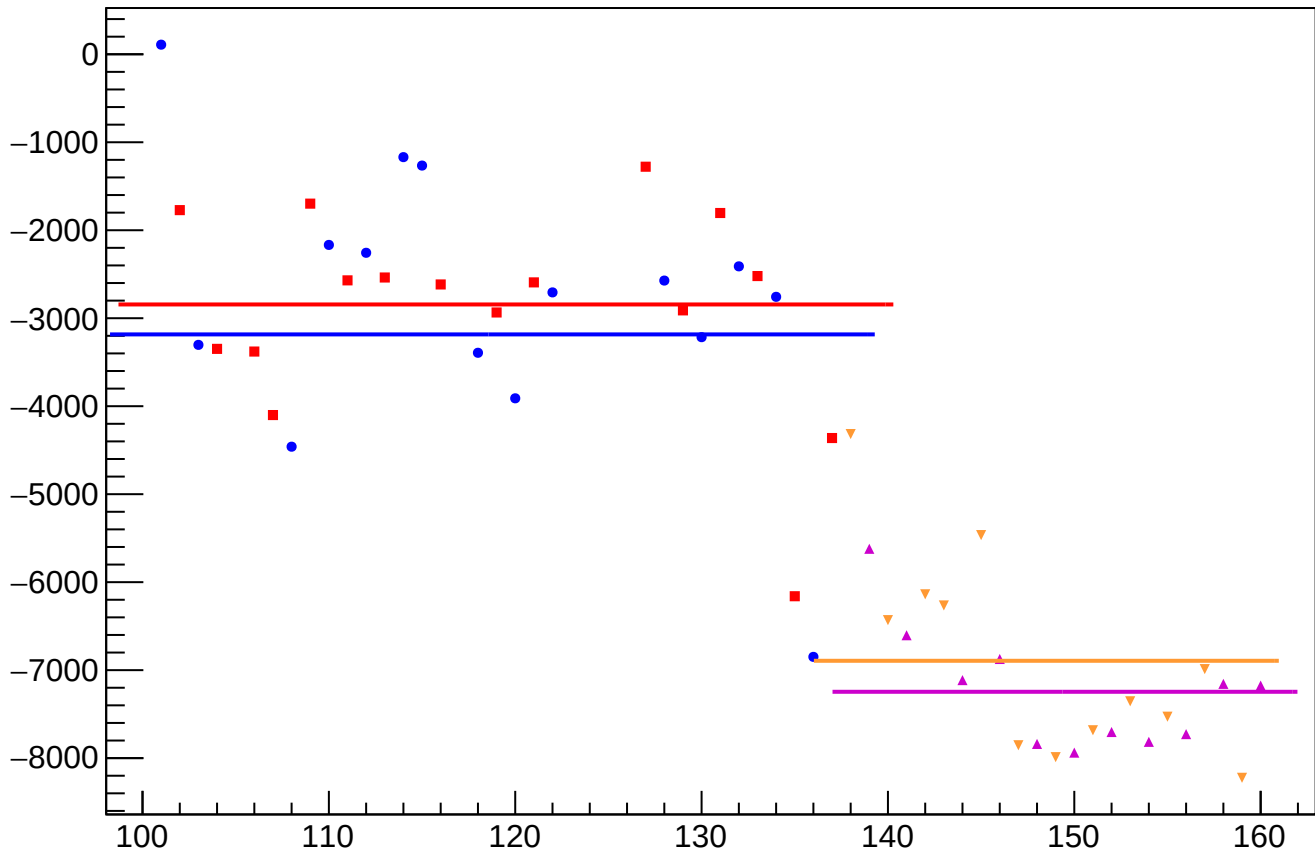
- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

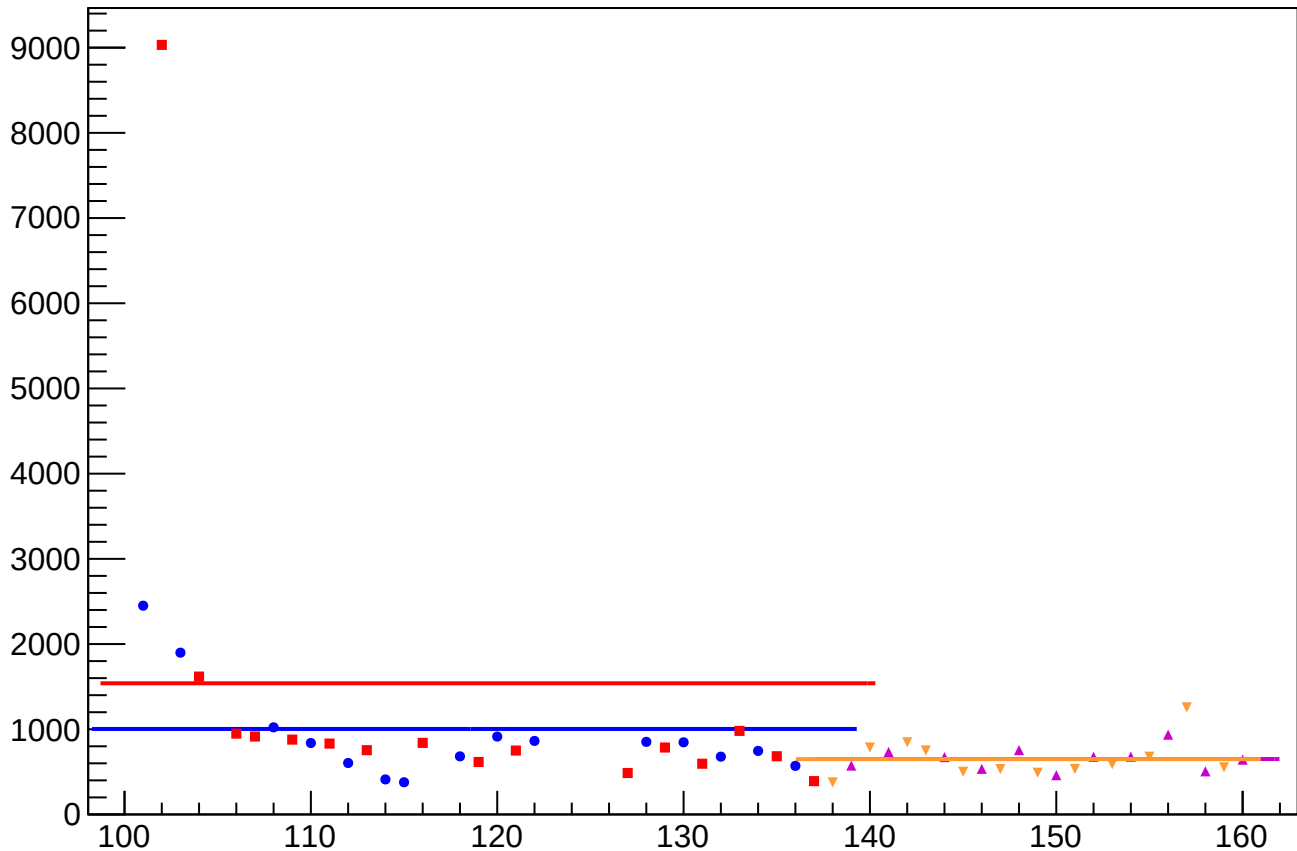
dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000	χ^2/NDF : 2134923281384422537296044119642733543424.0/14
Left Out: -6893.642+/-0.000	χ^2/NDF : 1166796992551395591900489719368617295872.0/11
Right Out: -2843.597+/-0.000	χ^2/NDF : 947077611563723244705531091944015396864.0/15
Left In: -7245.920+/-0.000	χ^2/NDF : 401760462783969098772010925007315140608.0/10

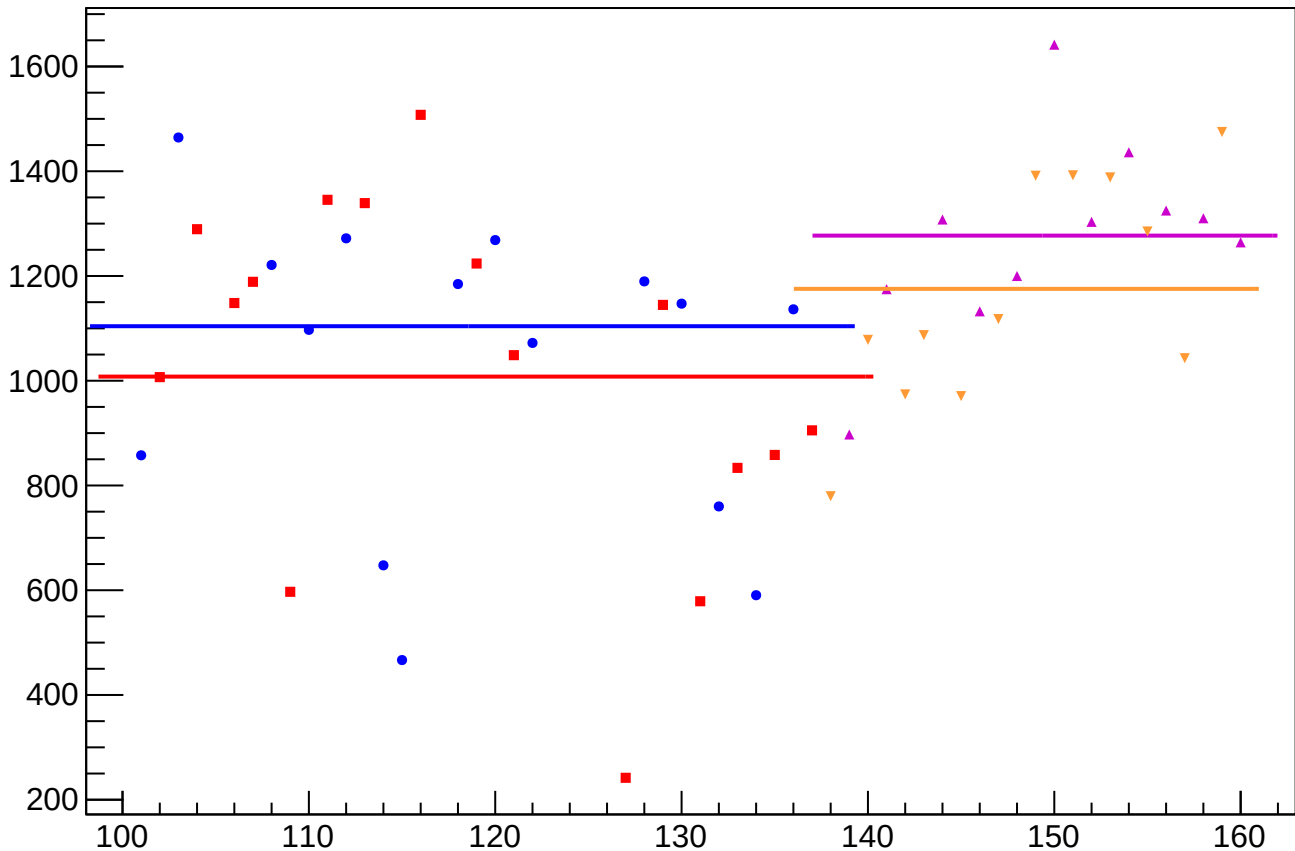
+ sign -5356.219+/-0.000 χ^2/NDF : 8531737355376
 All: -5378.444+/-0.000 χ^2/NDF : 1738954260
 - sign -5400.320+/-0.000 χ^2/NDF : 8856270344208

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 649.450+/-0.000 χ^2/NDF : 46064570136396855168938023455129862144.0/11
 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: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

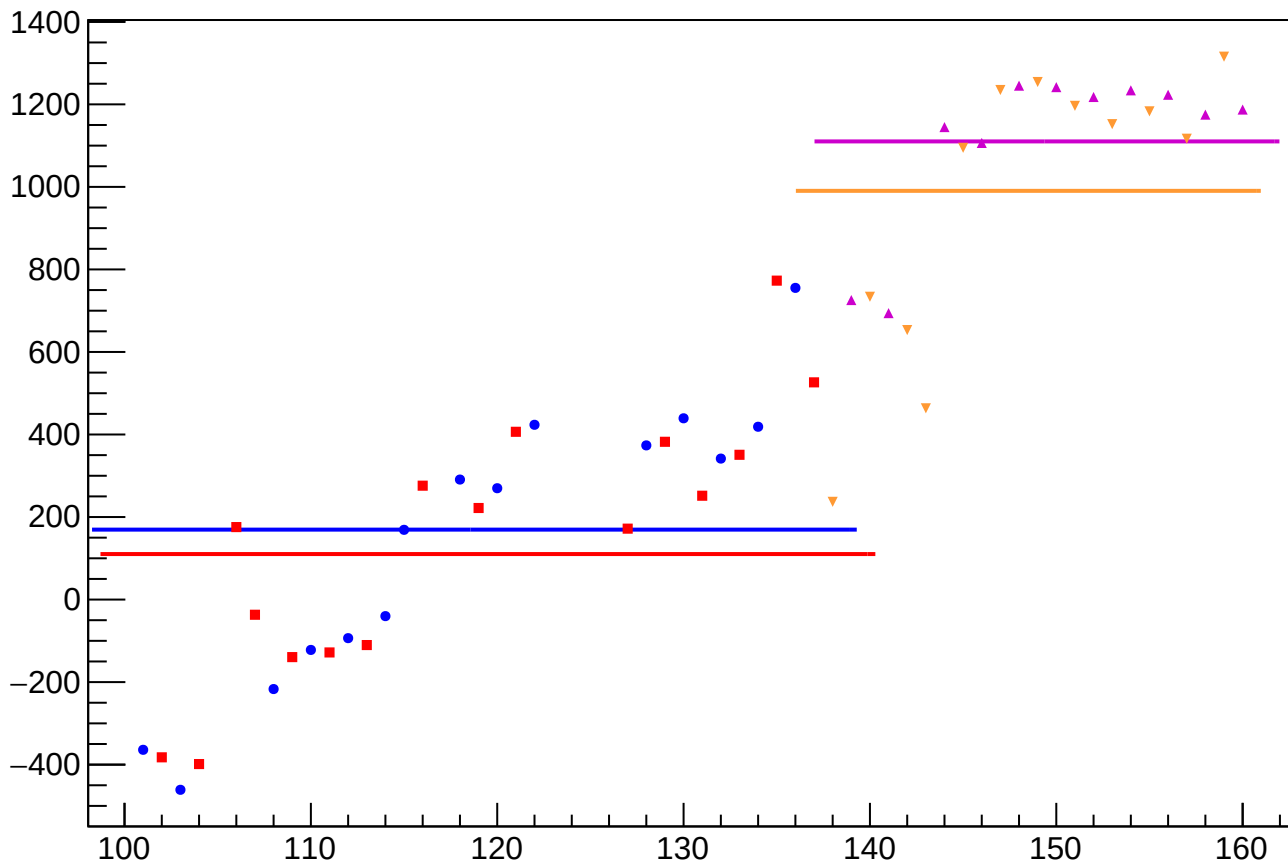
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1145.901 $\pm$ 0.000 χ^2 /NDF: 74640424030704

All: 1155.145 $\pm$ 0.000 χ^2 /NDF: 2016331328

- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 990.430+/-0.000 χ^2/NDF : 103090910531659754312882501653991784448.0/11

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

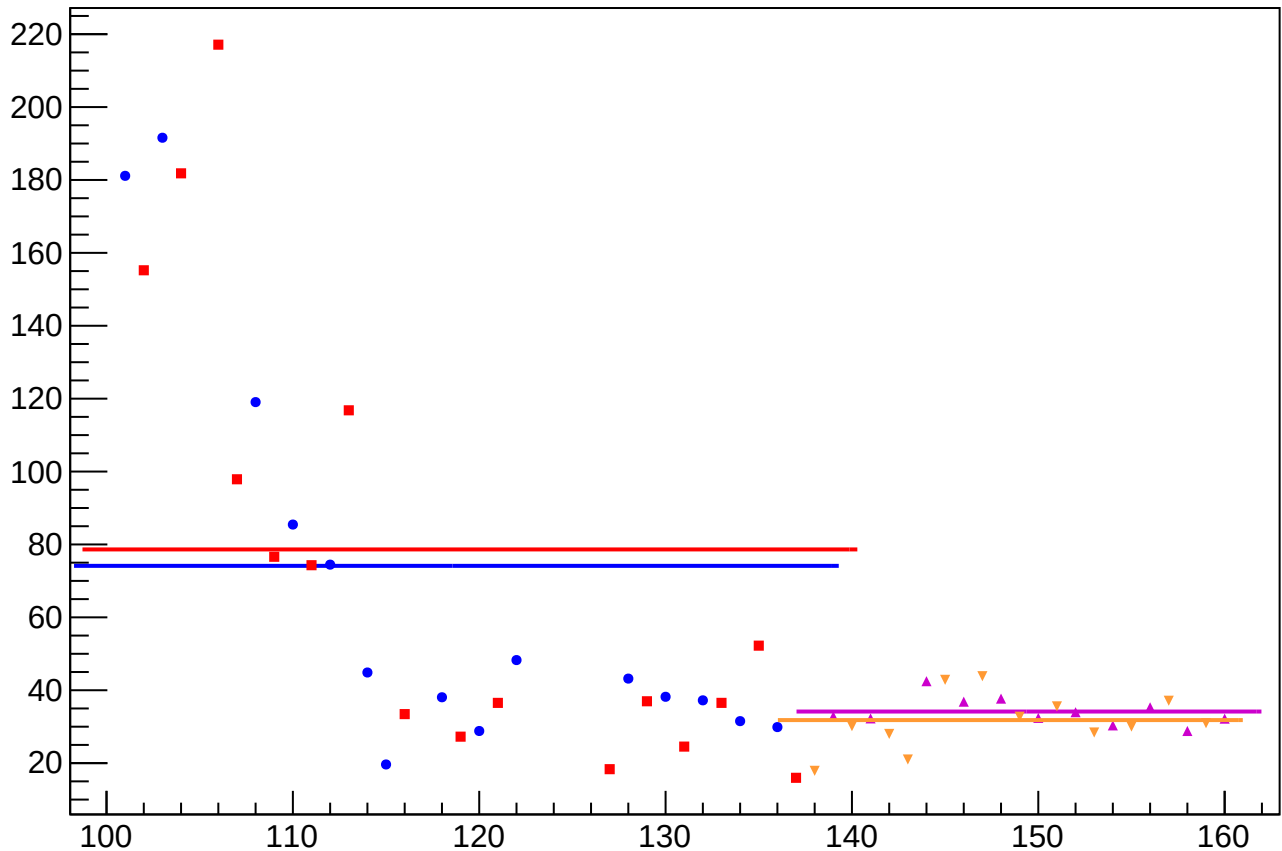
Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

+ sign 650.206+/-0.000 χ^2/NDF : 454647994177762

All: 670.768+/-0.000 χ^2/NDF : 94911703358

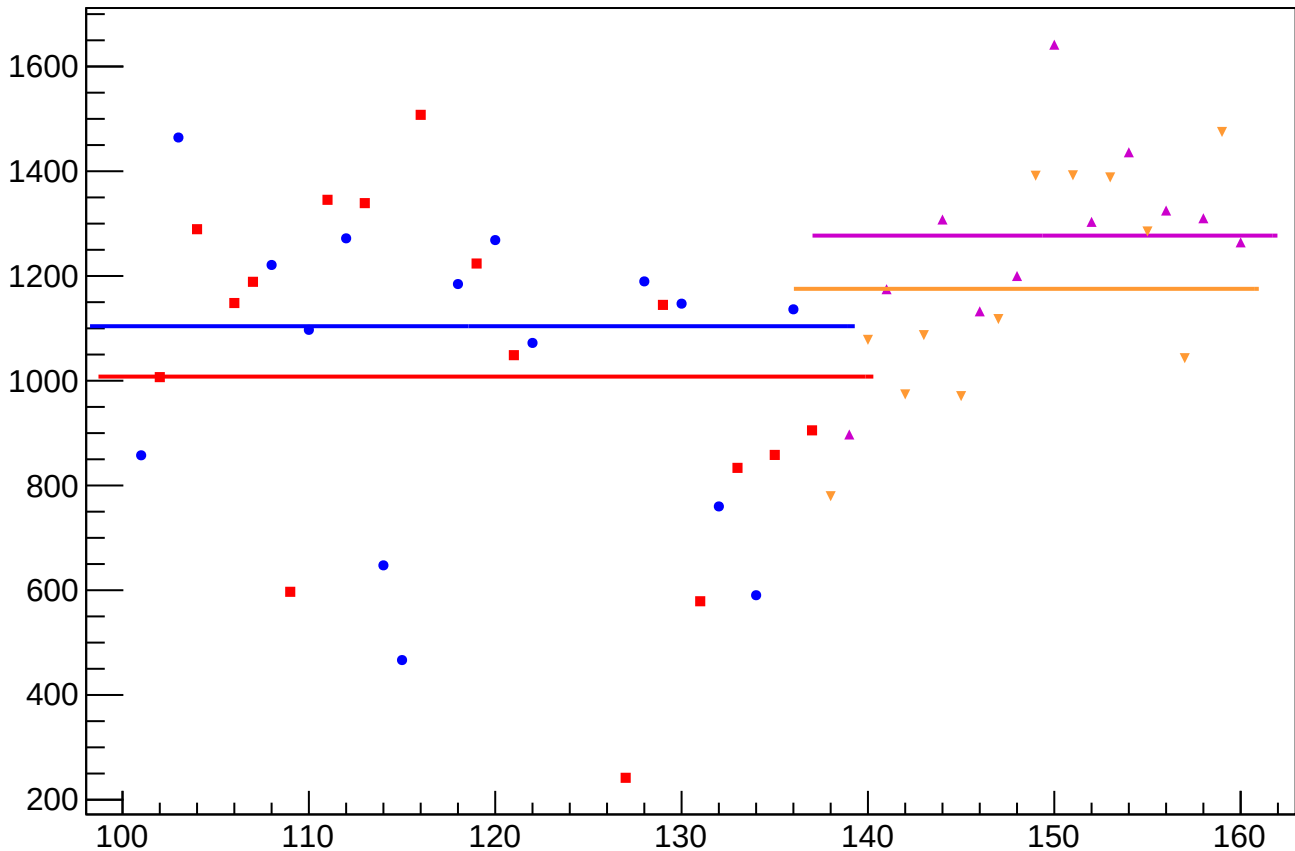
- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14
 Left Out: 31.811+/-0.000 χ^2/NDF : 49714502708074355804513533446586368.0/11
 Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15
 Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

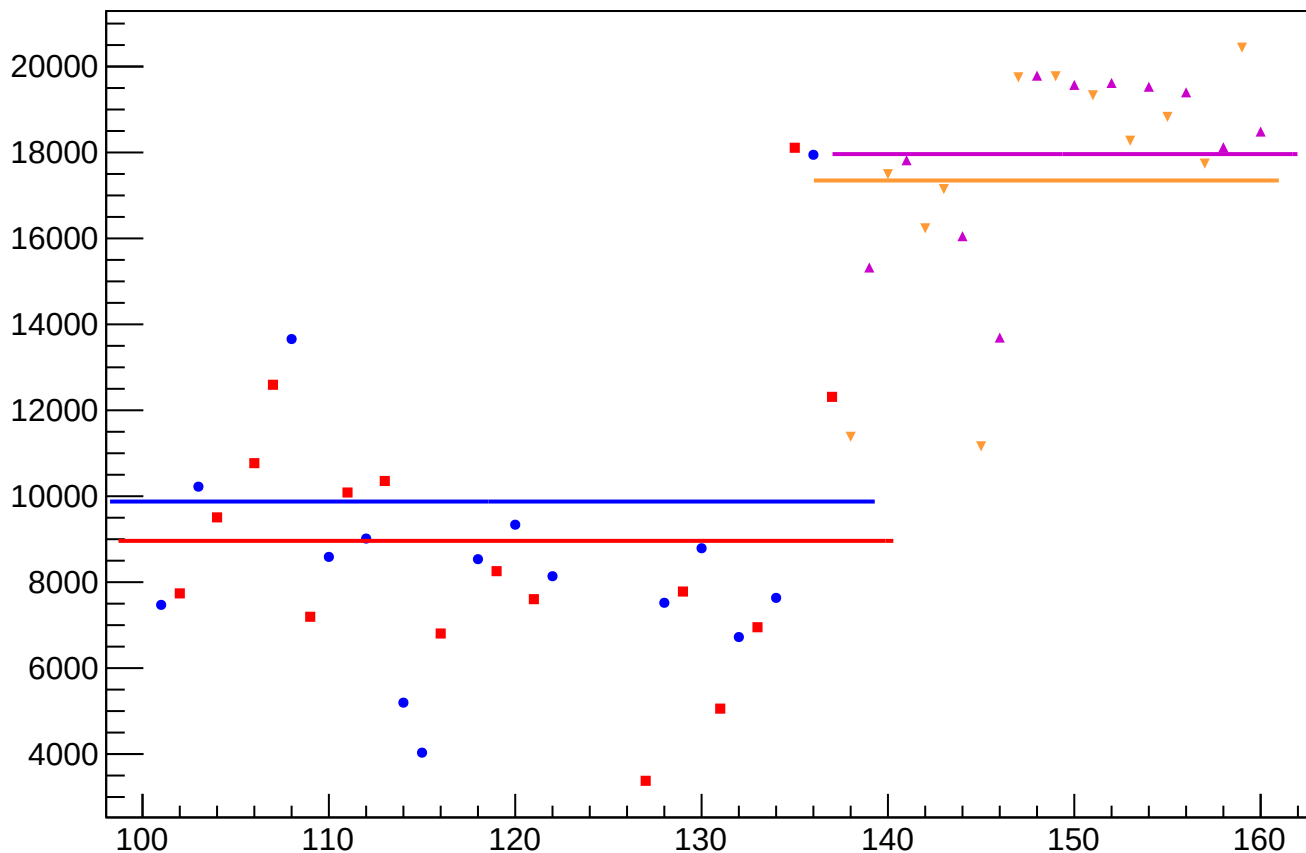
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

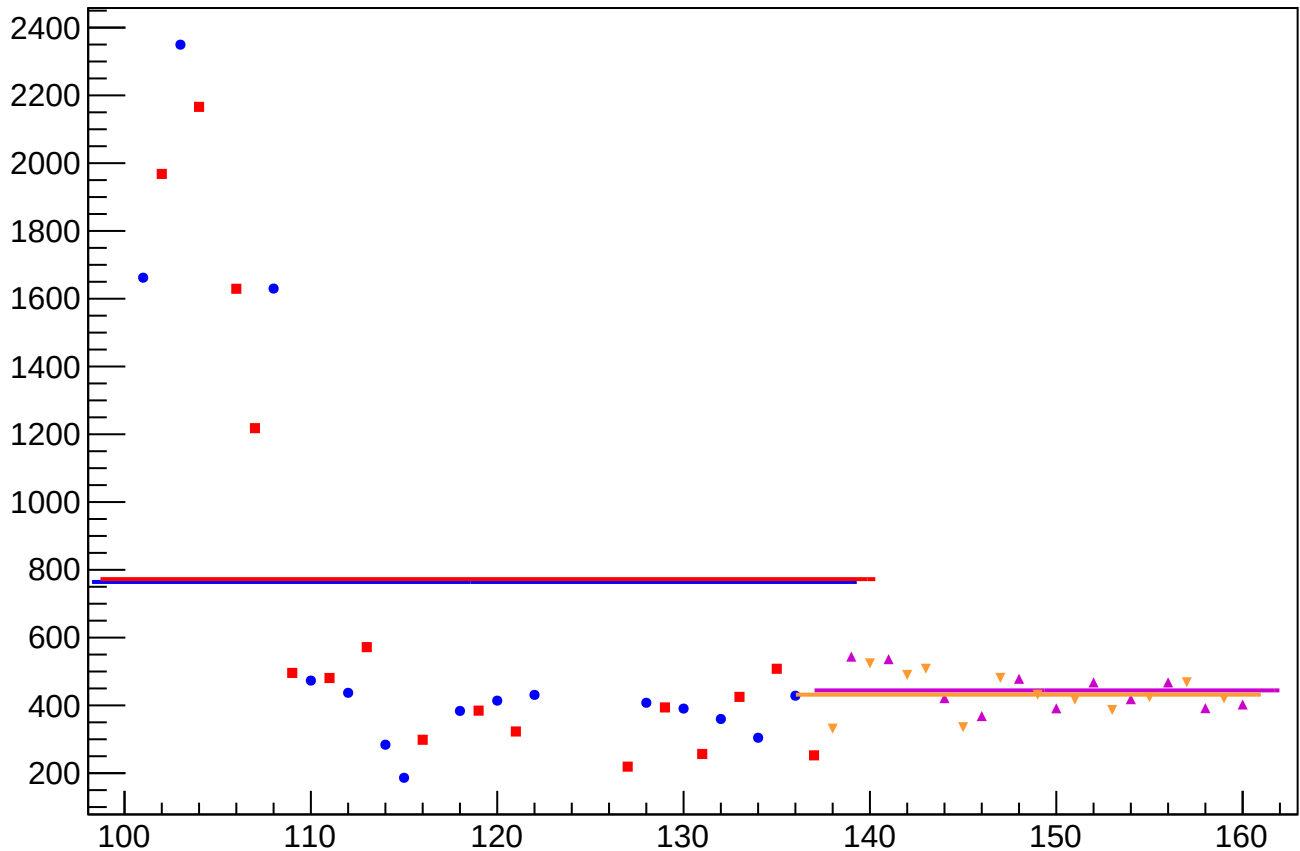
+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704
 All: 1155.145+/-0.000 χ^2/NDF : 2016331328
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



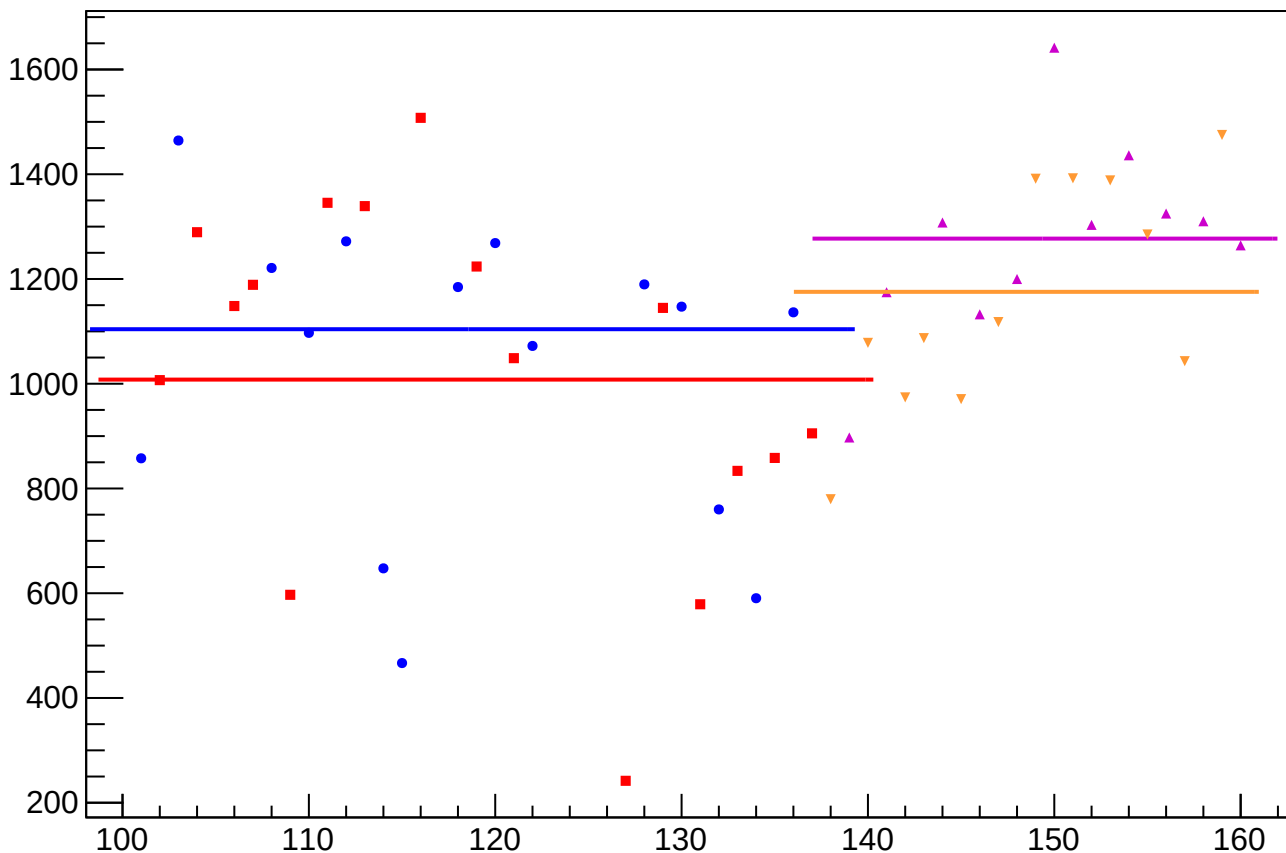
Right In: 9876.530 $\pm$ 0.000 χ^2 /NDF: 8483360287053054122301651905797133697024.0/14
 Left Out: 17348.108 $\pm$ 0.000 χ^2 /NDF: 8207548108596149921739030122495561695232.0/11
 Right Out: 8961.593 $\pm$ 0.000 χ^2 /NDF: 7583728644146461427304320888408335450112.0/15
 Left In: 17962.529 $\pm$ 0.000 χ^2 /NDF: 3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284 $\pm$ 0.000 χ^2 /NDF: 290964758058269480005067205020030599168.0/14
 Left Out: 431.662 $\pm$ 0.000 χ^2 /NDF: 3280421514159451222222919804563488768.0/11
 Right Out: 772.547 $\pm$ 0.000 χ^2 /NDF: 285902138904642401278625587631891677184.0/15
 Left In: 444.245 $\pm$ 0.000 χ^2 /NDF: 2906625839452991270105053894151241728.0/10

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

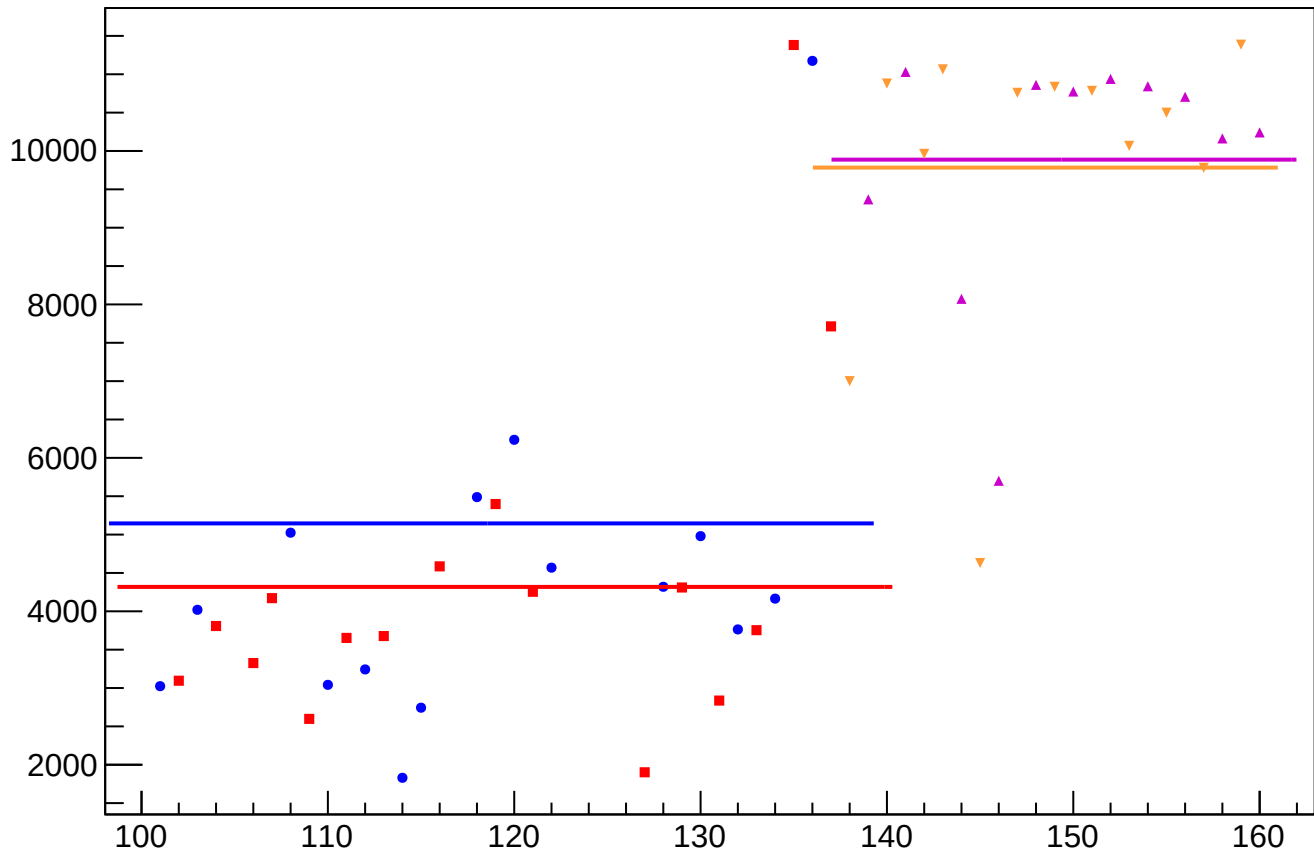
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

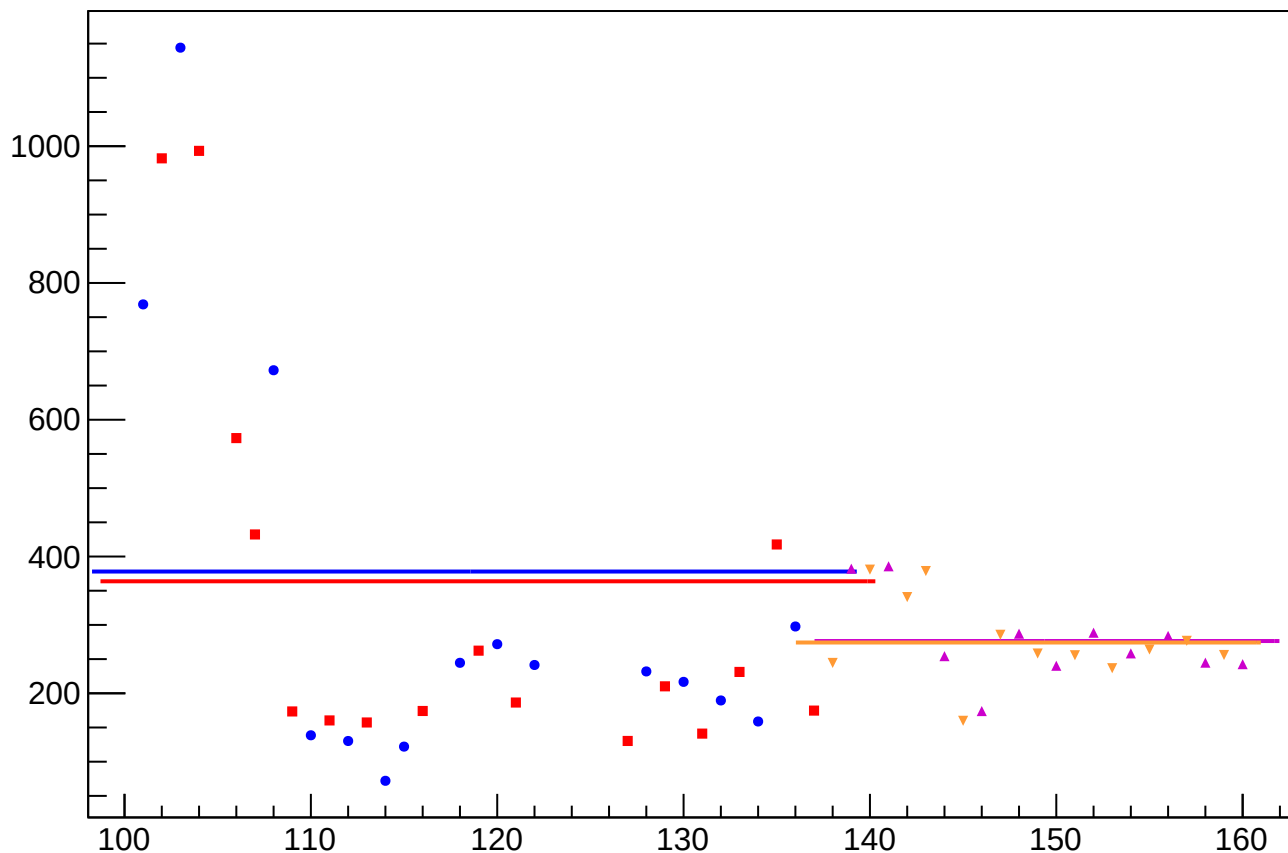
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9783.623+/-0.000 χ^2/NDF : 3463460967659182435053933688350532698112.0/11
 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 $\pm$ 0.000 χ^2 /NDF: 61516590022593053040860760861331947520.0/14

Left Out: 274.281 $\pm$ 0.000 χ^2 /NDF: 3210866570321724501306846670770667520.0/11

Right Out: 363.772 $\pm$ 0.000 χ^2 /NDF: 59031337484709801804181439342706688000.0/15

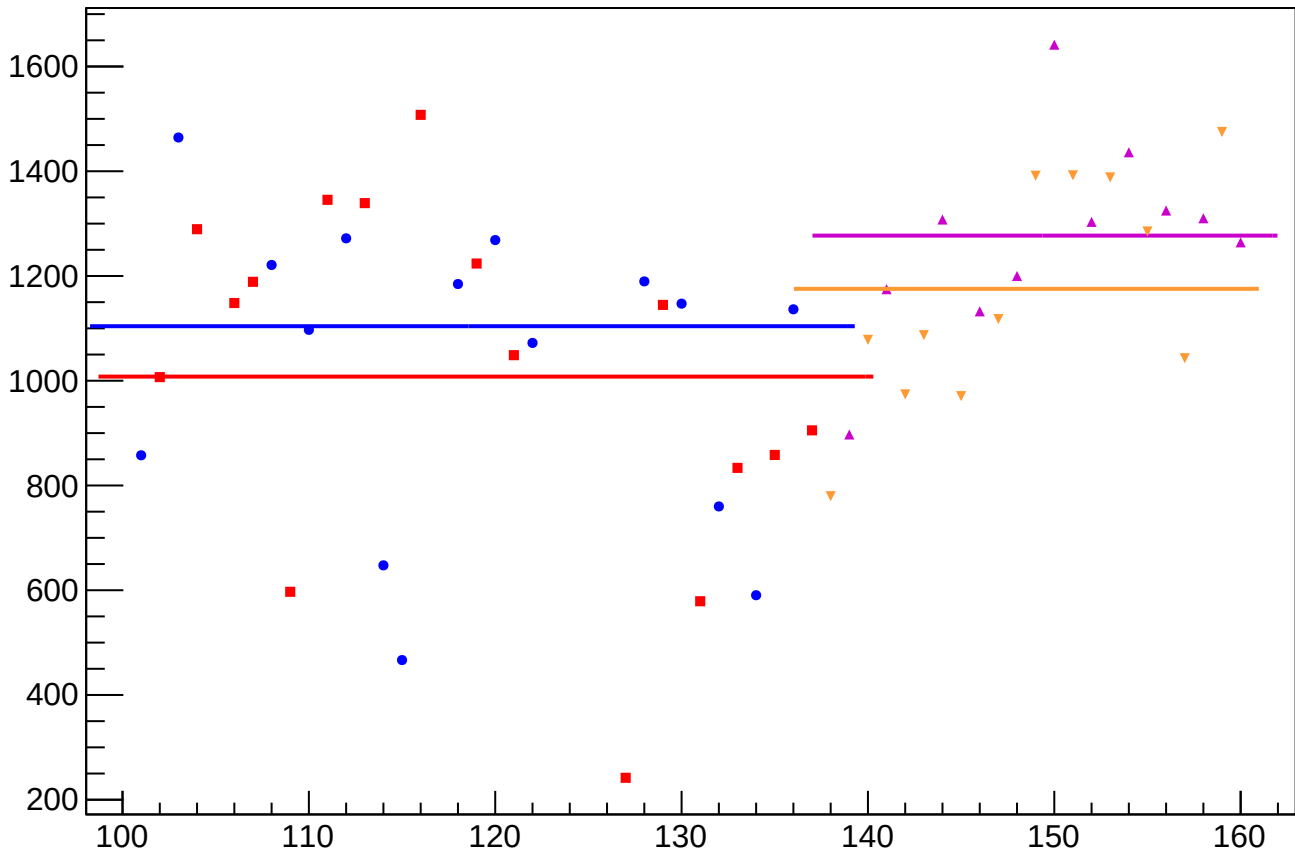
Left In: 276.429 $\pm$ 0.000 χ^2 /NDF: 3176476969276554988209041450490396672.0/10

+ sign 317.287 $\pm$ 0.000 χ^2 /NDF: 688198238811862

All: 315.150 $\pm$ 0.000 χ^2 /NDF: 133997003769

- sign 313.047 $\pm$ 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

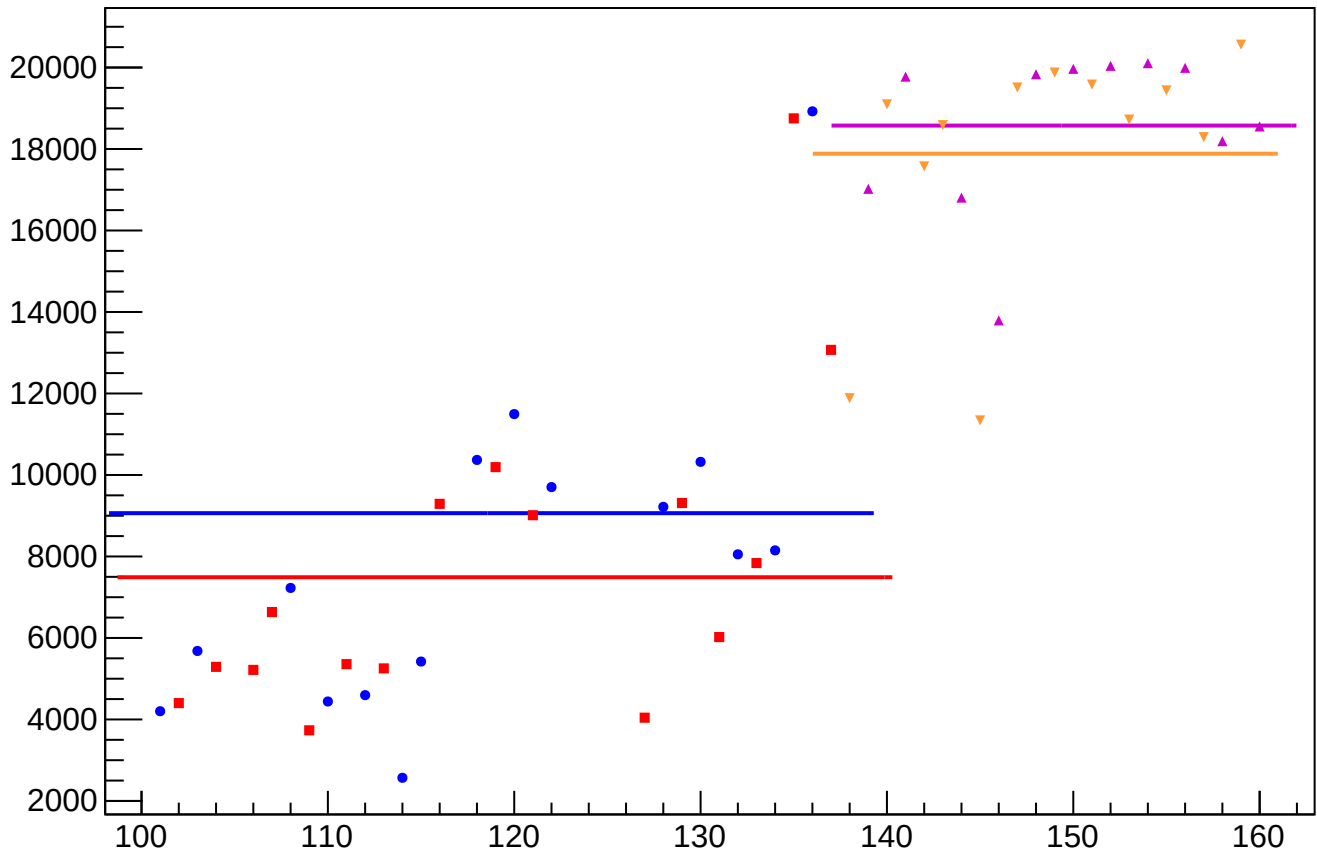
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

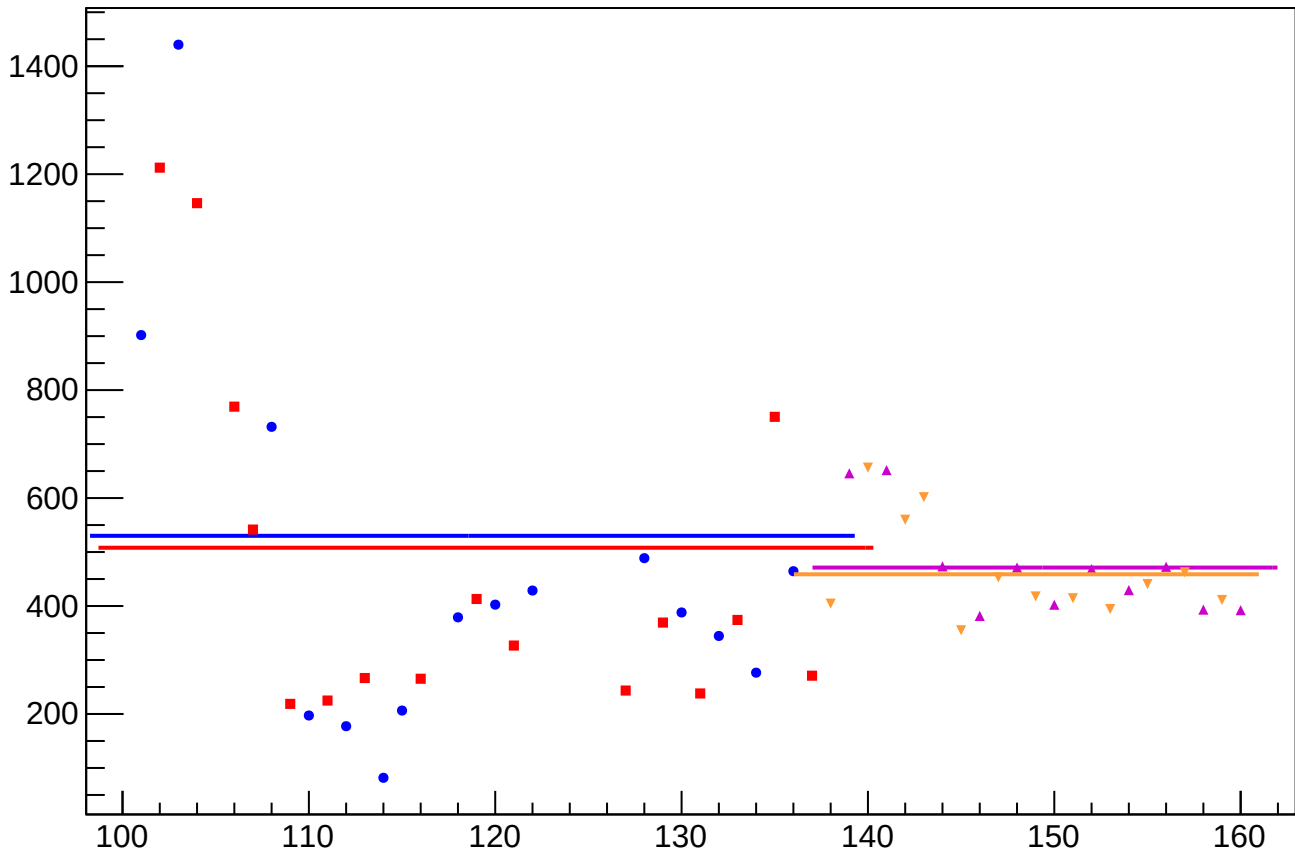
+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704
 All: 1155.145+/-0.000 χ^2/NDF : 2016331328
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17884.828+/-0.000 χ^2/NDF : 8035777278860305028144675580255817170944.0/11
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18574.874+/-0.000 χ^2/NDF : 3371752936319538414648384836142763081728.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

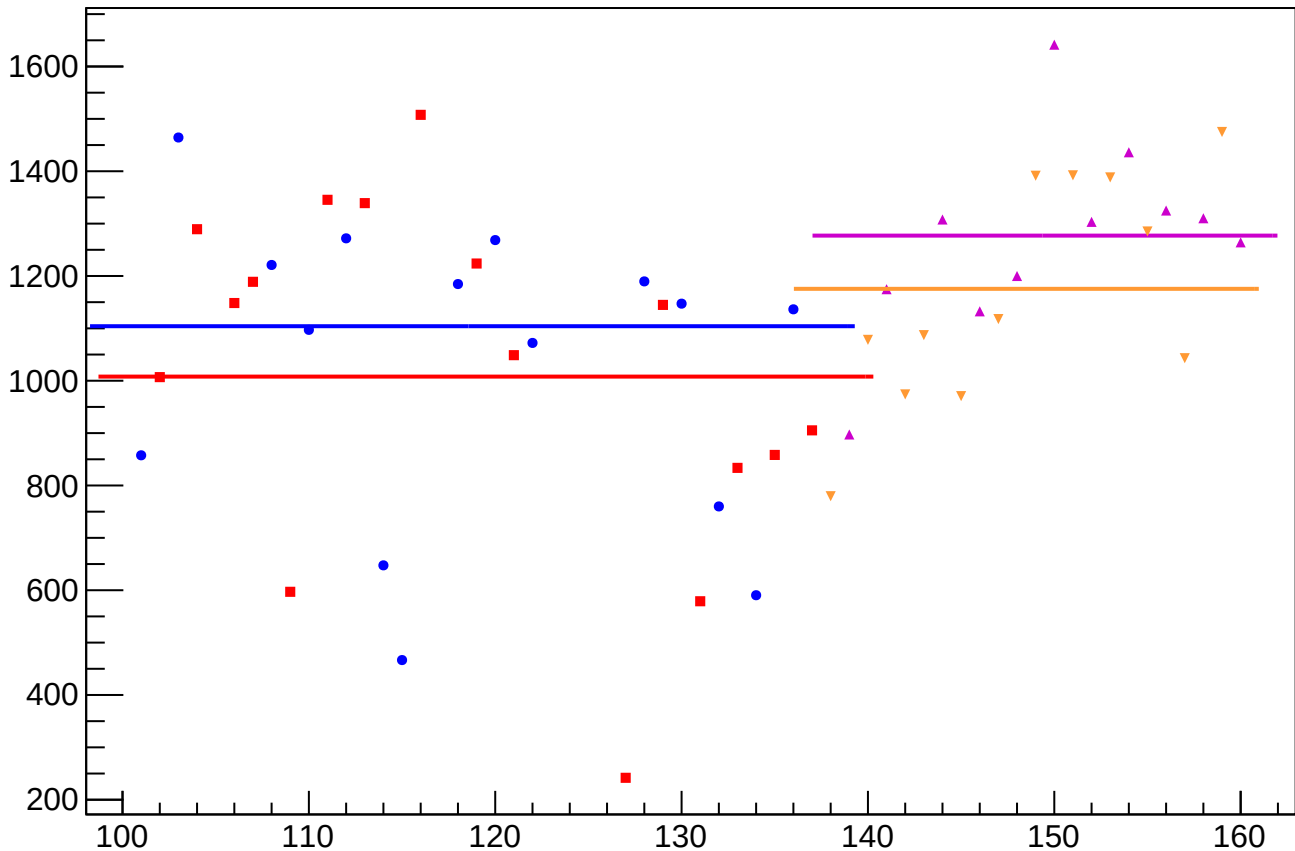
Left Out: 458.806+/-0.000 χ^2/NDF : 6995521594489868747173366228733394944.0/11

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

Left In: 471.219+/-0.000 χ^2/NDF : 744597321916033625746772011051745280.0/10

All: 487.478+/-0.000 χ^2/NDF : 172341164964.0/40

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

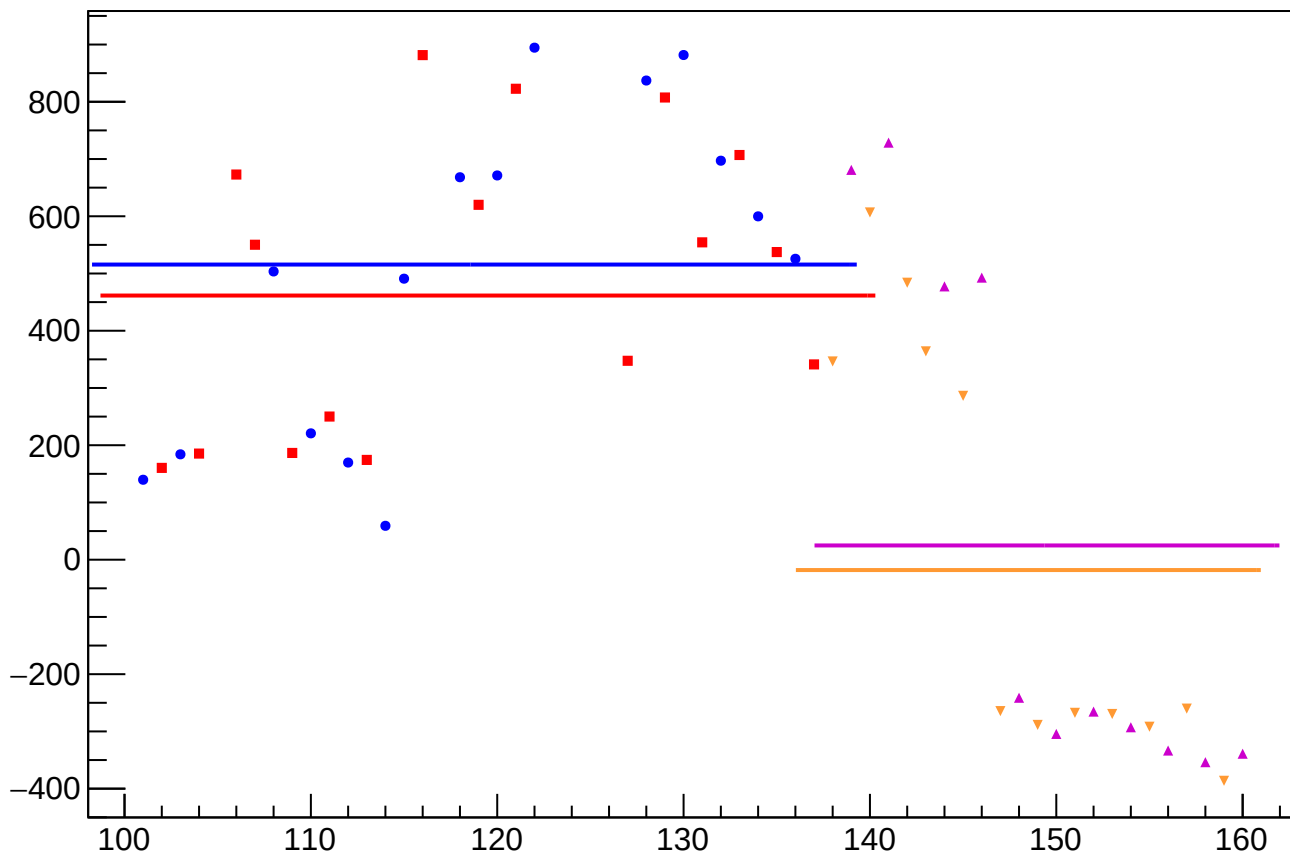
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

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 1145.901+/-0.000 χ^2/NDF : 74640424030704
 All: 1155.145+/-0.000 χ^2/NDF : 20163313284
 - 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

Left Out: -18.086+/-0.000 χ^2/NDF : 113760261442063078265103594368341639168.0/11

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

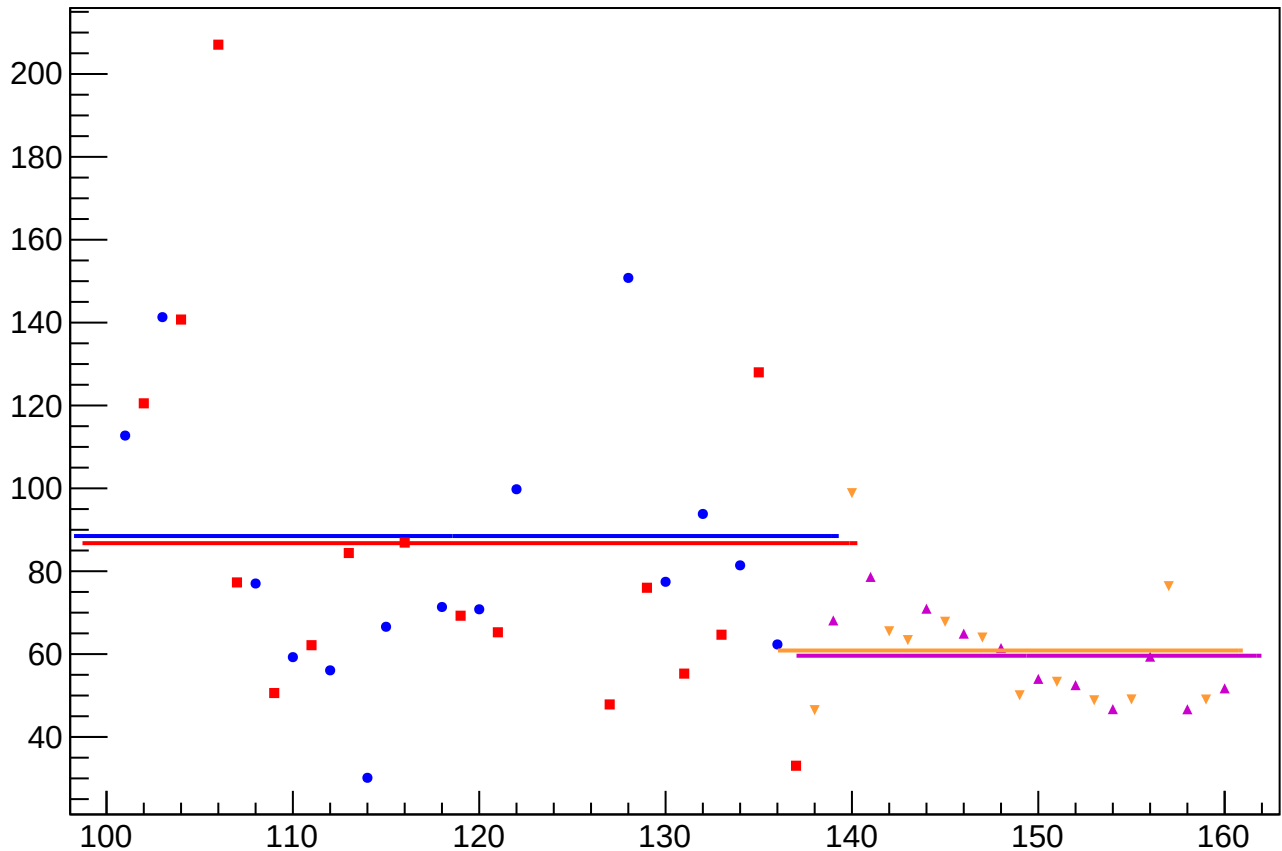
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

+ sign 203.105+/-0.000 χ^2/NDF : 270481717005925

All: 205.539+/-0.000 χ^2/NDF : 561984373916

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 60.867+/-0.000 χ^2/NDF : 208334830420842687698000766503485440.0/11

Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

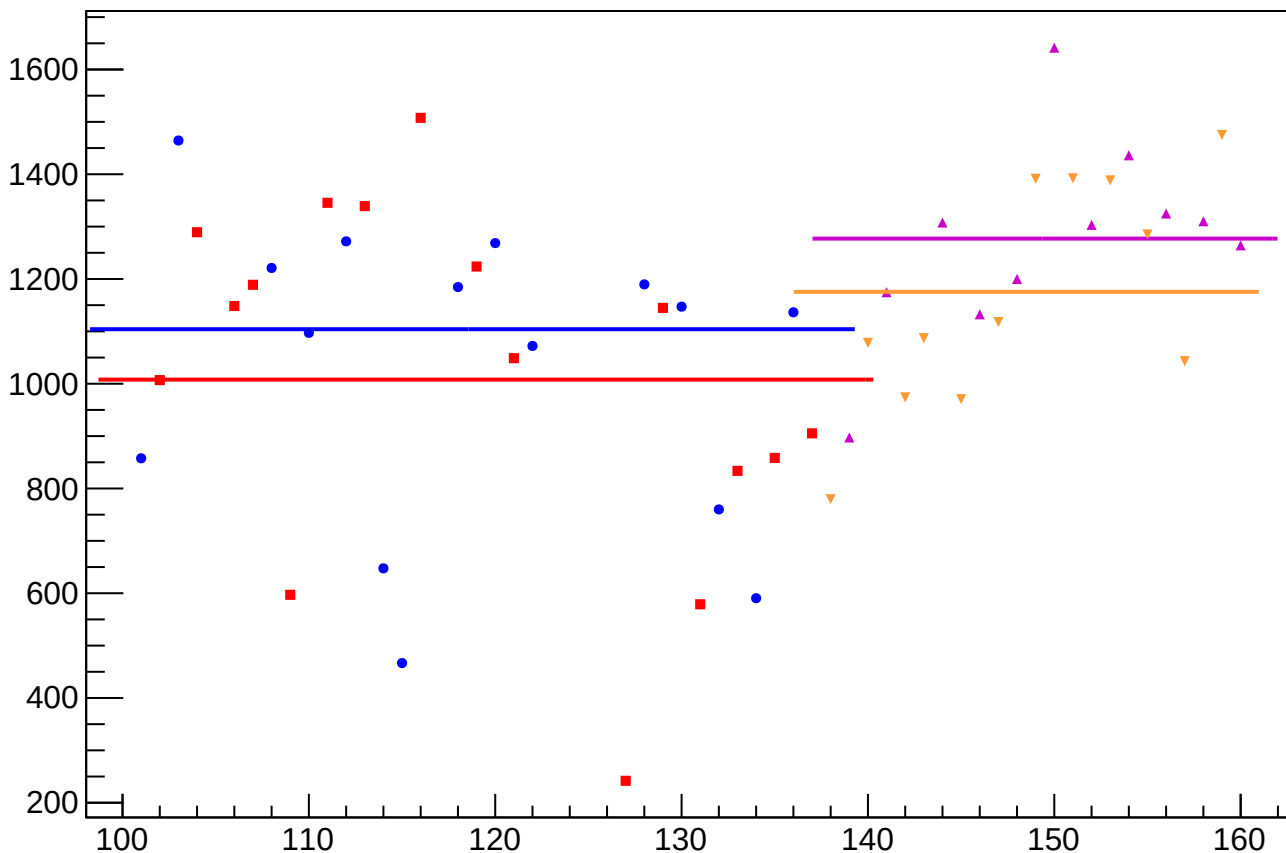
Left In: 59.604+/-0.000 χ^2/NDF : 90862625181985664375323463168032768.0/10

+ sign 72.316+/-0.000 χ^2/NDF : 1141601170158102

All: 71.650+/-0.000 χ^2/NDF : 2578992350309

- 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: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

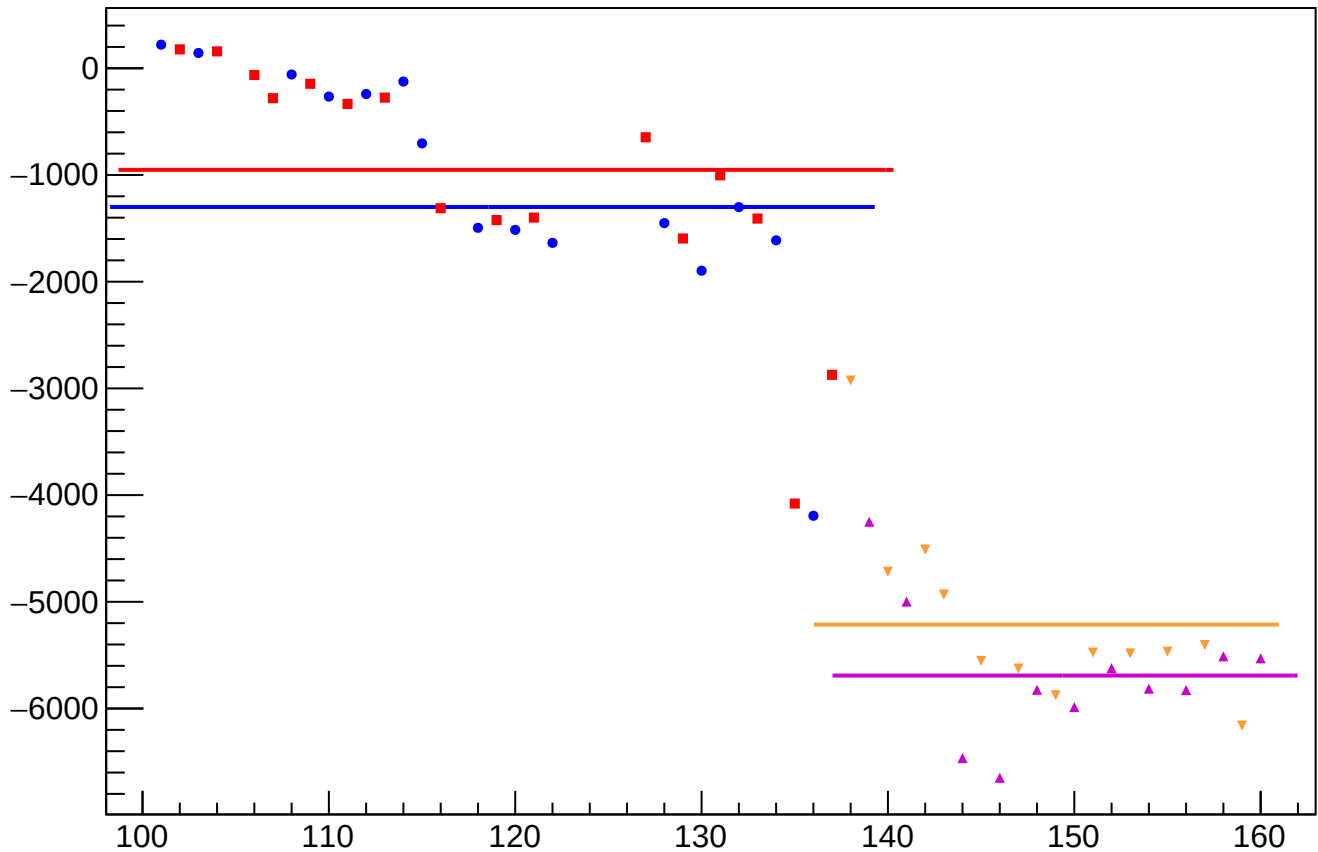
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 2016331328

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

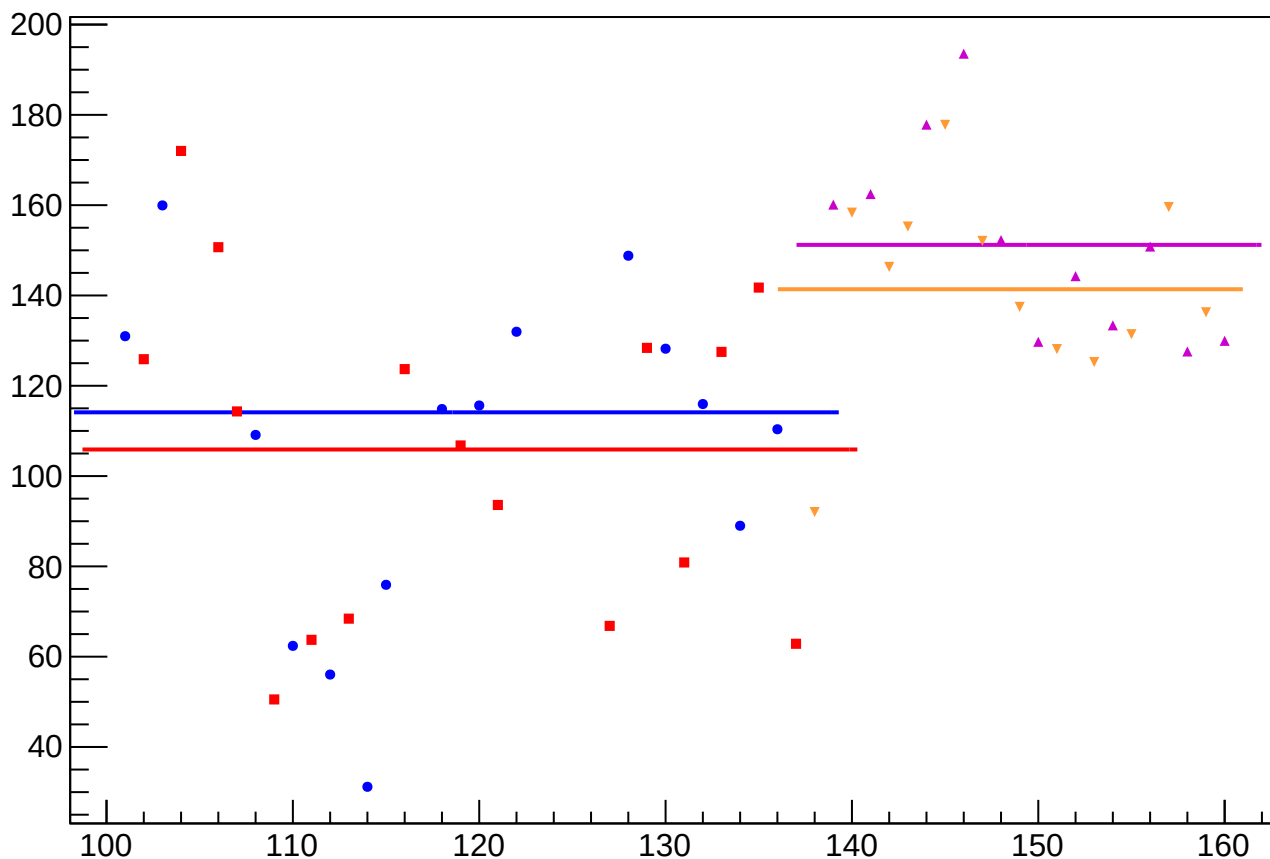
dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -5213.053+/-0.000	χ^2/NDF : 607024723474712138909900039656470216704.0/11
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5690.941+/-0.000	χ^2/NDF : 355774620722948866968040460749891436544.0/10

+ sign -3591.320+/-0.000 χ^2/NDF : 7626032277897
 All: -3648.196+/-0.000 χ^2/NDF : 1753294640
 - sign -3704.179+/-0.000 χ^2/NDF : 98968619860202

dit_sam6_coil3_err_mean vs Slug



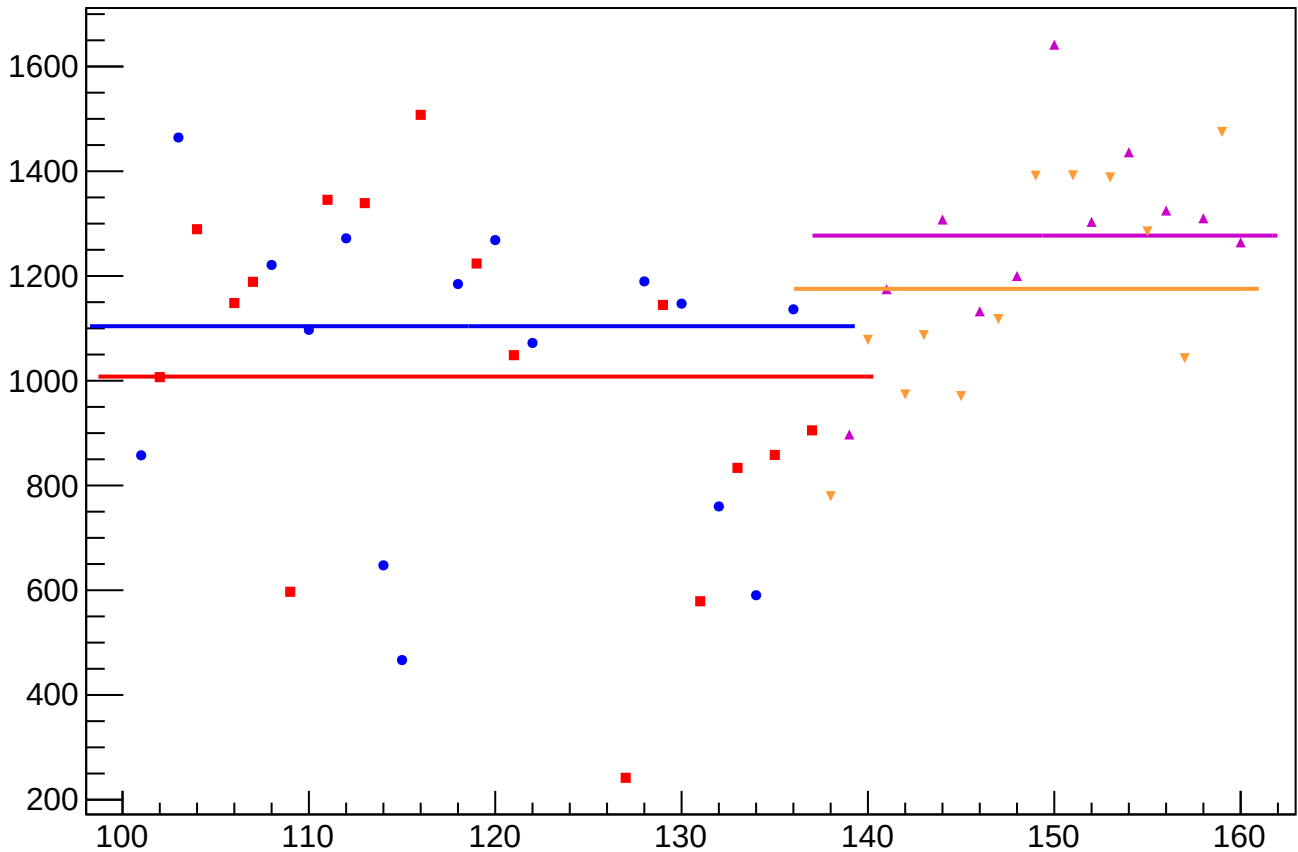
Right In: 114.118 $\pm$ 0.000 χ^2 /NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.380 $\pm$ 0.000 χ^2 /NDF: 416963026310292285514058989674954752.0/11

Right Out: 105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15

Left In: 151.203 $\pm$ 0.000 χ^2 /NDF: 382227652604999337577431549784096768.0/10

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

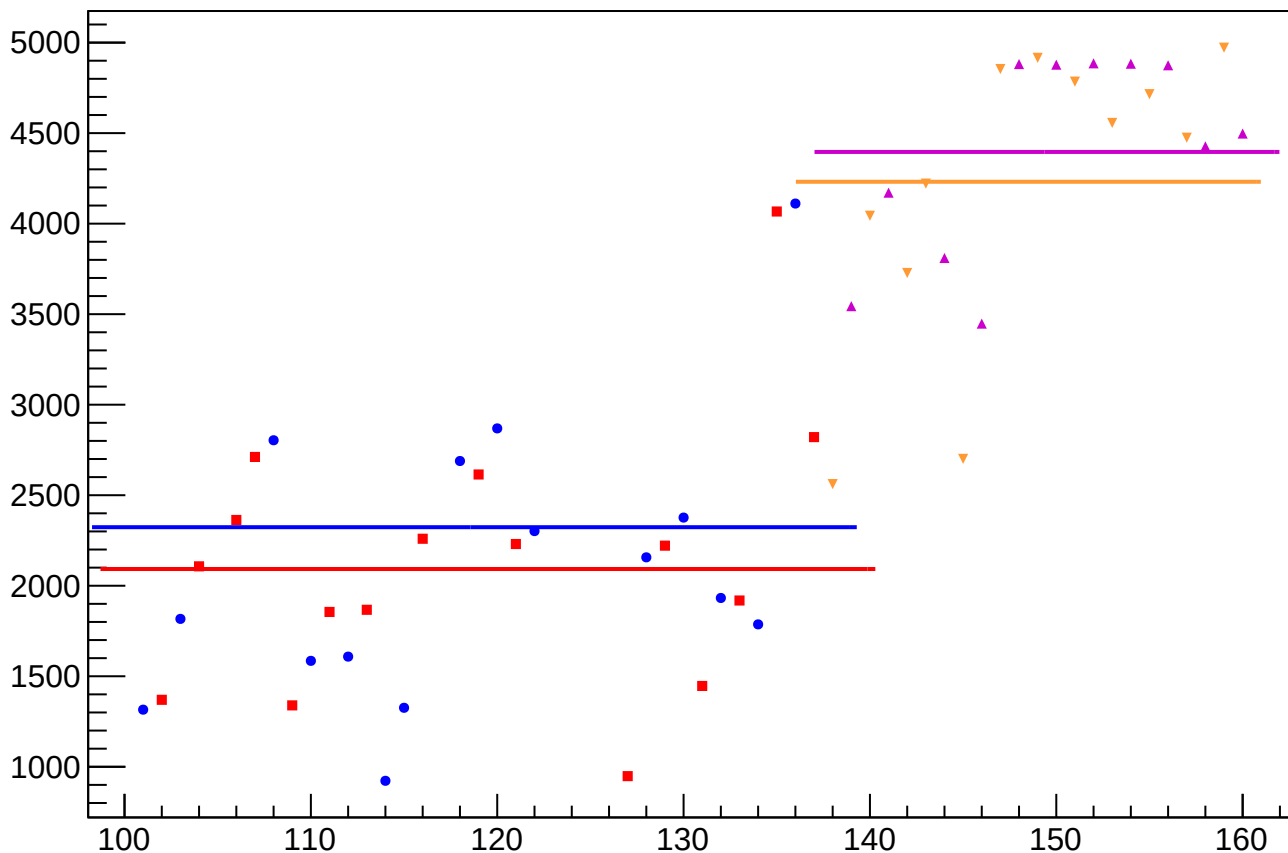
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

- 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

Left Out: 4231.380+/-0.000 χ^2/NDF : 591264758783455505140129278309664030720.0/11

Right Out: 2092.458+/-0.000 χ^2/NDF : 367126080872166122663684022473339174912.0/15

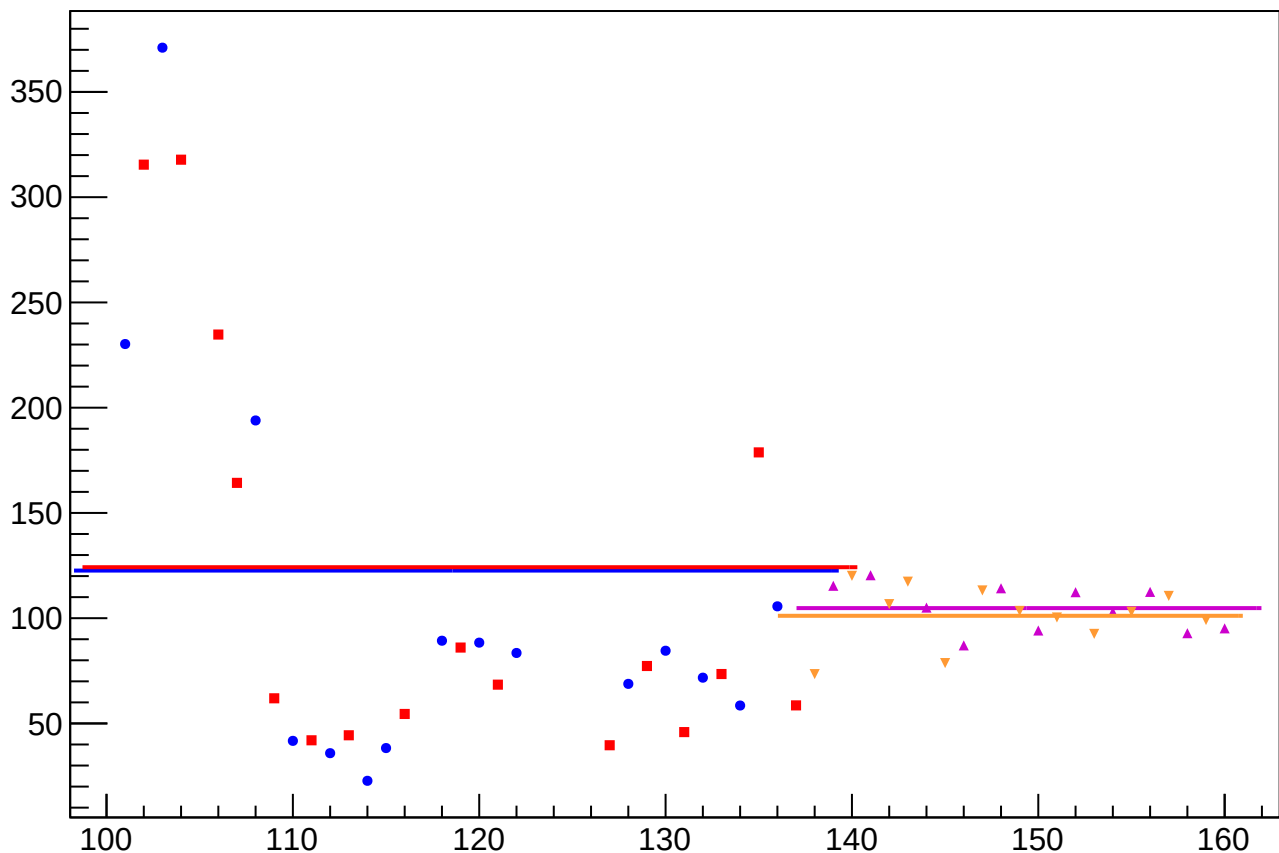
Left In: 4396.069+/-0.000 χ^2/NDF : 270326441631367265143713722564756897792.0/10

+ sign 3440.641+/-0.000 χ^2/NDF : 24511476216121

All: 3435.439+/-0.000 χ^2/NDF : 51443191328

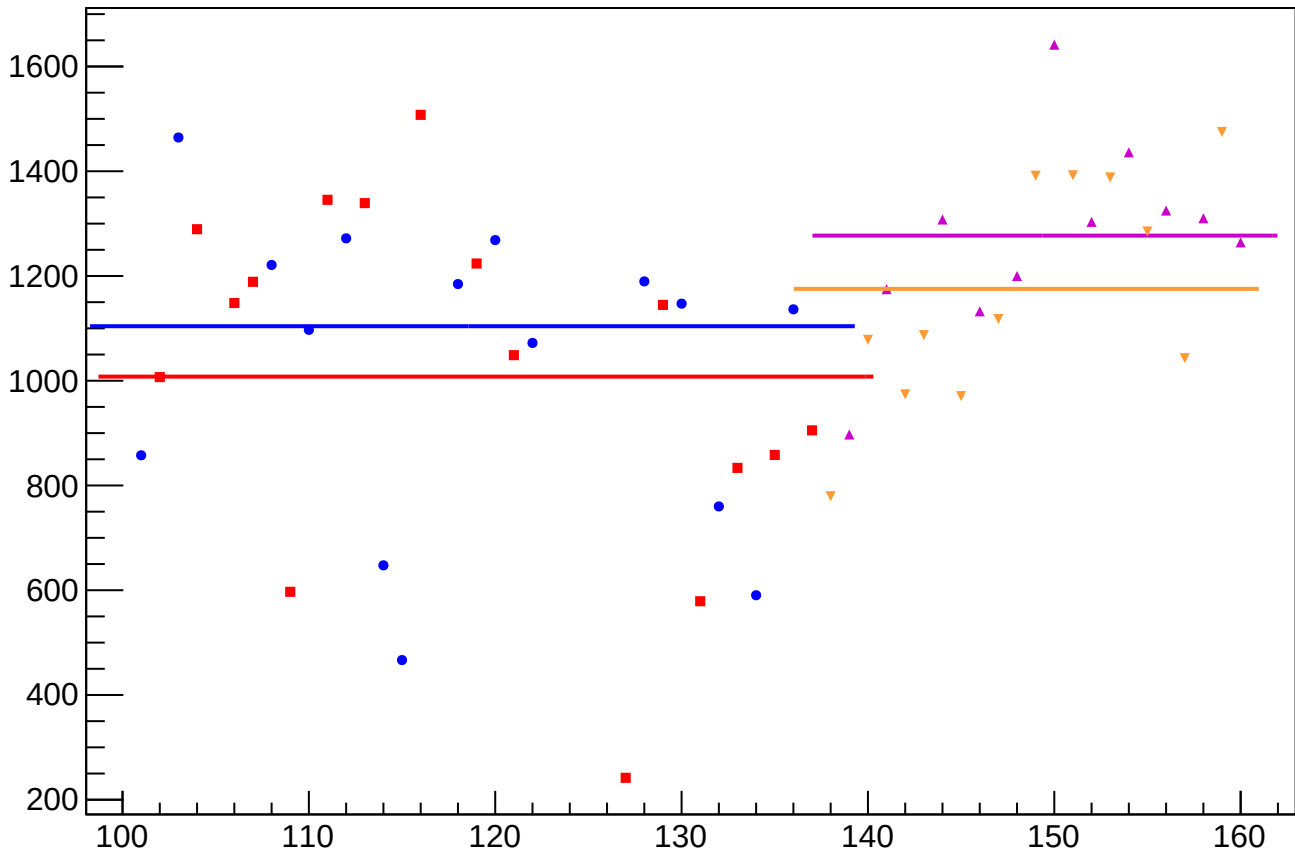
- sign 3430.319+/-0.000 χ^2/NDF : 26930874223674

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622 $\pm$ 0.000 χ^2 /NDF: 5937504661187691145903235842749497344.0/14
 Left Out: 101.138 $\pm$ 0.000 χ^2 /NDF: 175111456477451966804115550397005824.0/11
 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

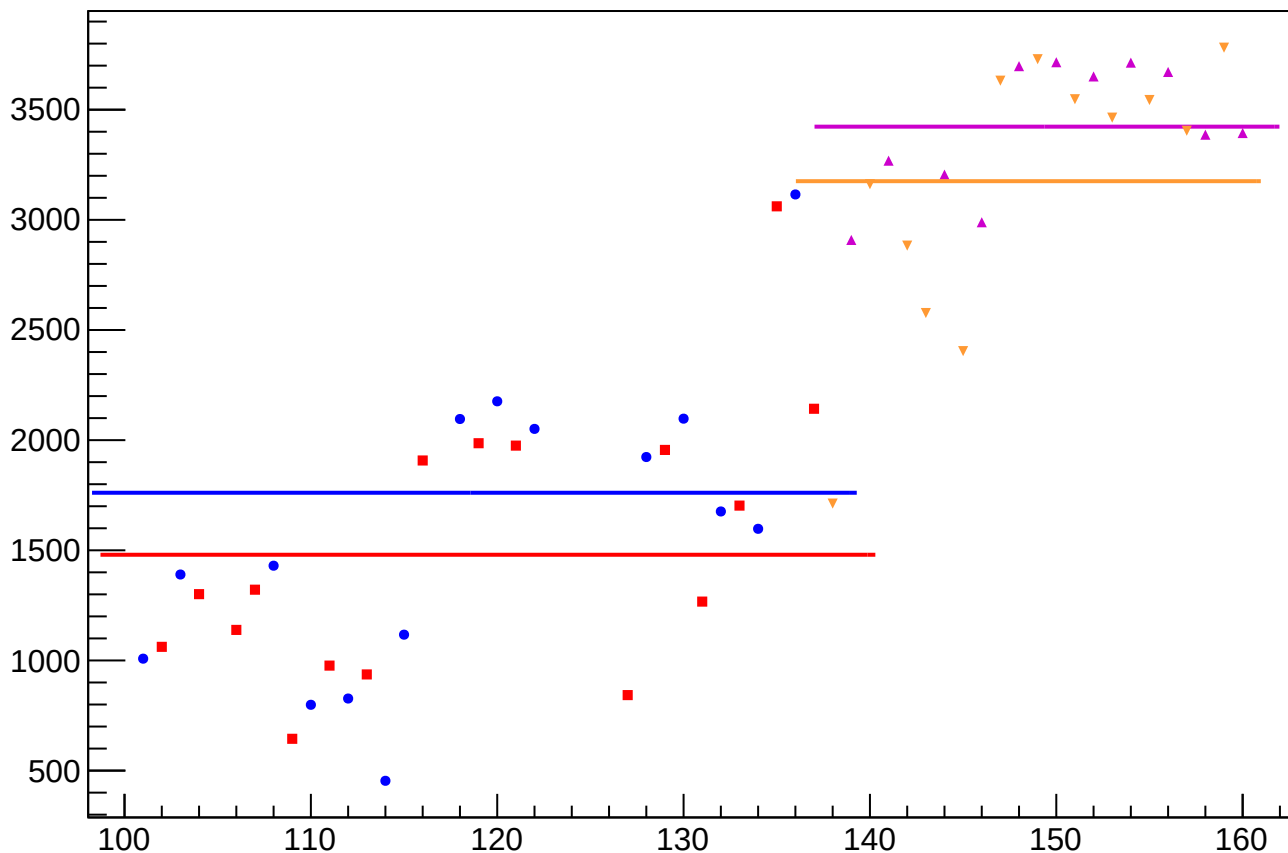
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

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 1145.901+/-0.000 χ^2/NDF : 74640424030704
 All: 1155.145+/-0.000 χ^2/NDF : 2016331328
 - 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: 3175.502+/-0.000 χ^2/NDF : 347291191980203589558827802227239813120.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

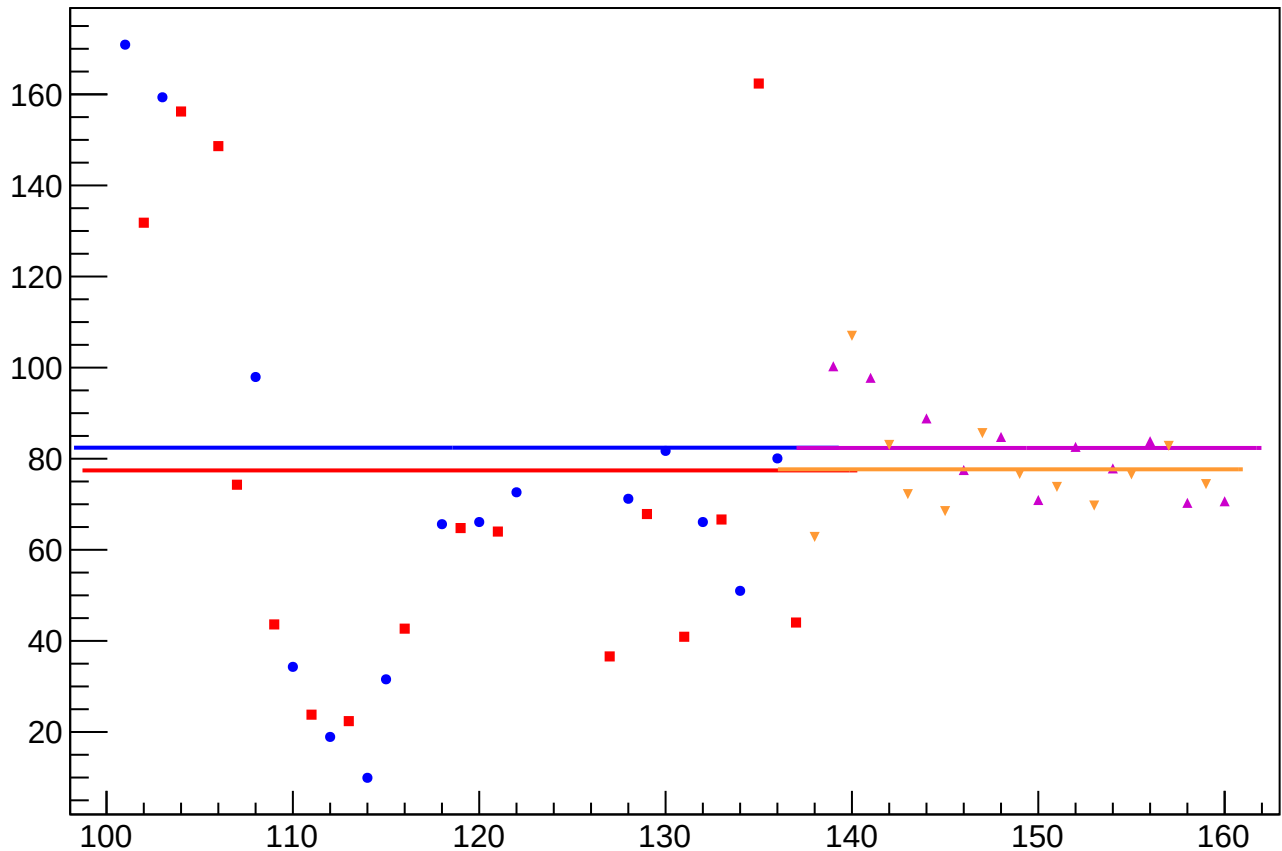
Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

+ sign 2589.389+/-0.000 χ^2/NDF : 14396126563155

All: 2598.948+/-0.000 χ^2/NDF : 32406517167

- sign 2608.357+/-0.000 χ^2/NDF : 18007551336700

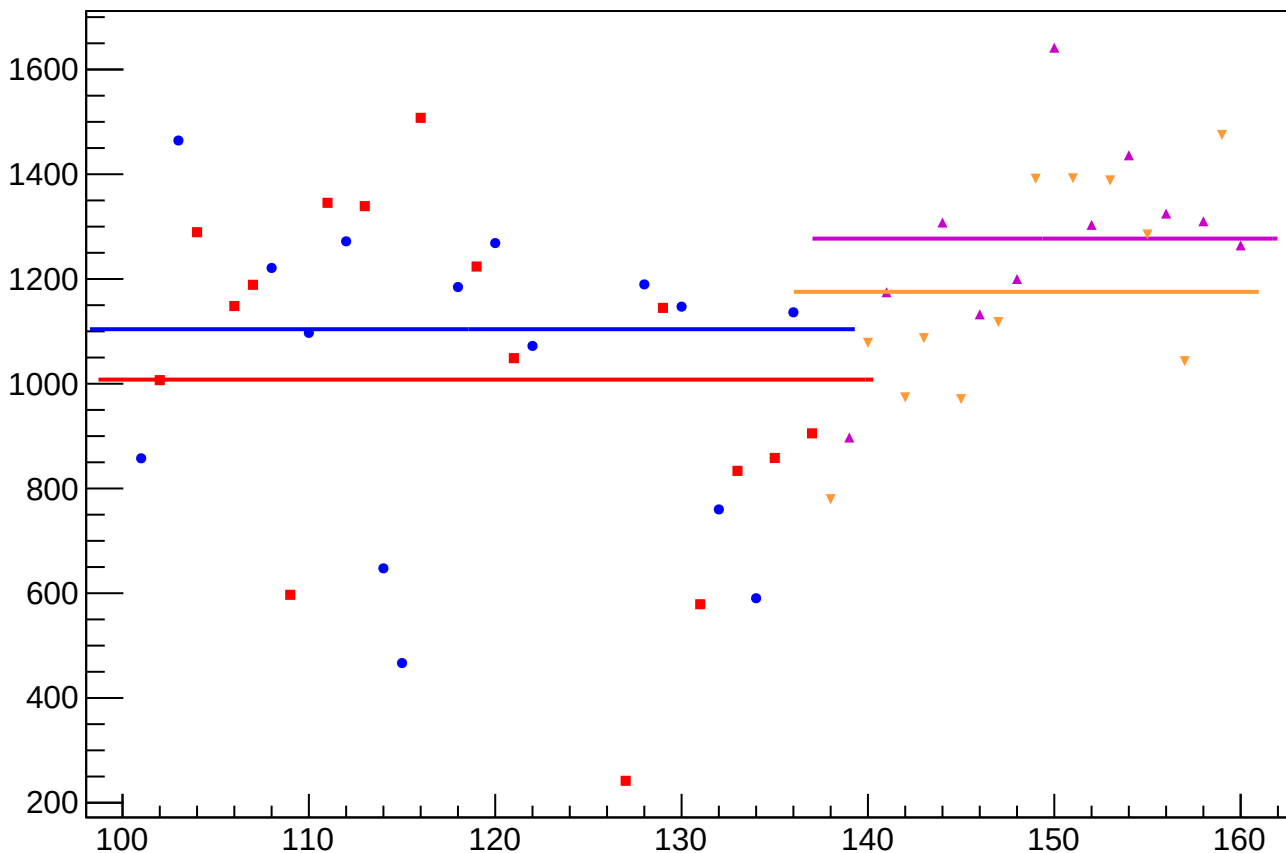
dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14
 Left Out: 77.672+/-0.000 χ^2/NDF : 112359425970115396973191851205984256.0/11
 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 79.641+/-0.000 χ^2/NDF : 1384567048715076
 All: 79.970+/-0.000 χ^2/NDF : 299794027389
 - 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: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

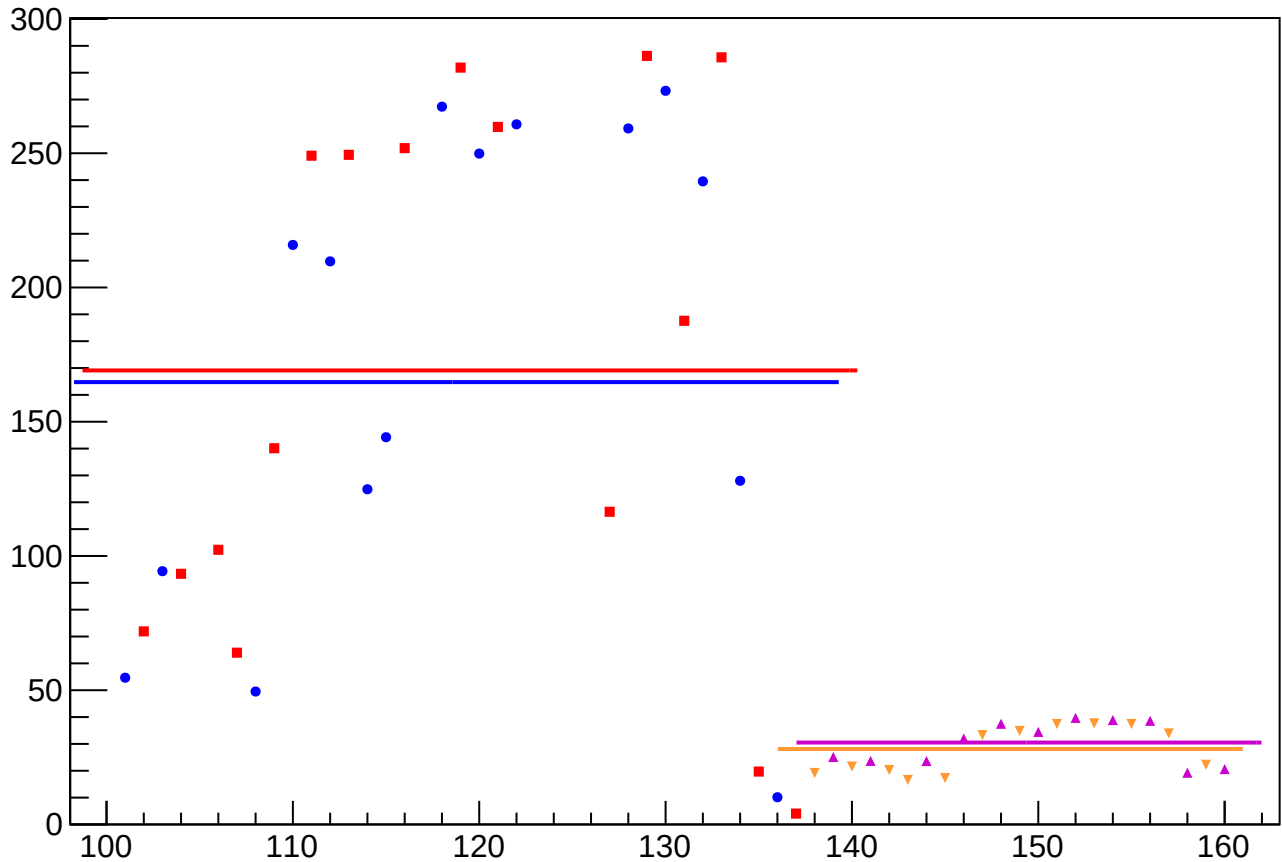
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 2016331328

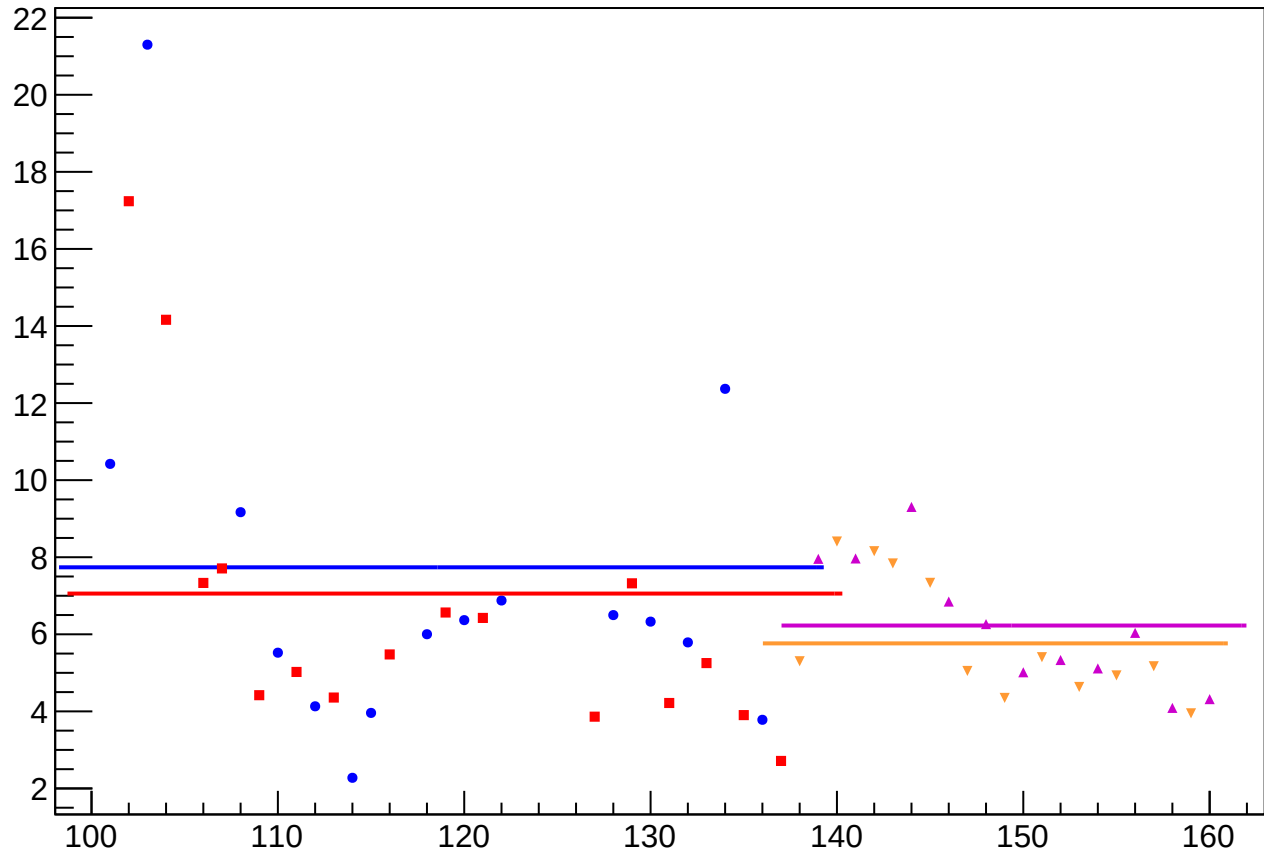
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14
 Left Out: 28.100+/-0.000 χ^2/NDF : 63517357309911090447070669792346112.0/11
 Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15
 Left In: 30.507+/-0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.764+/-0.000 χ^2/NDF : 2014473932574383690261327211659264.0/11

Right Out: 7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

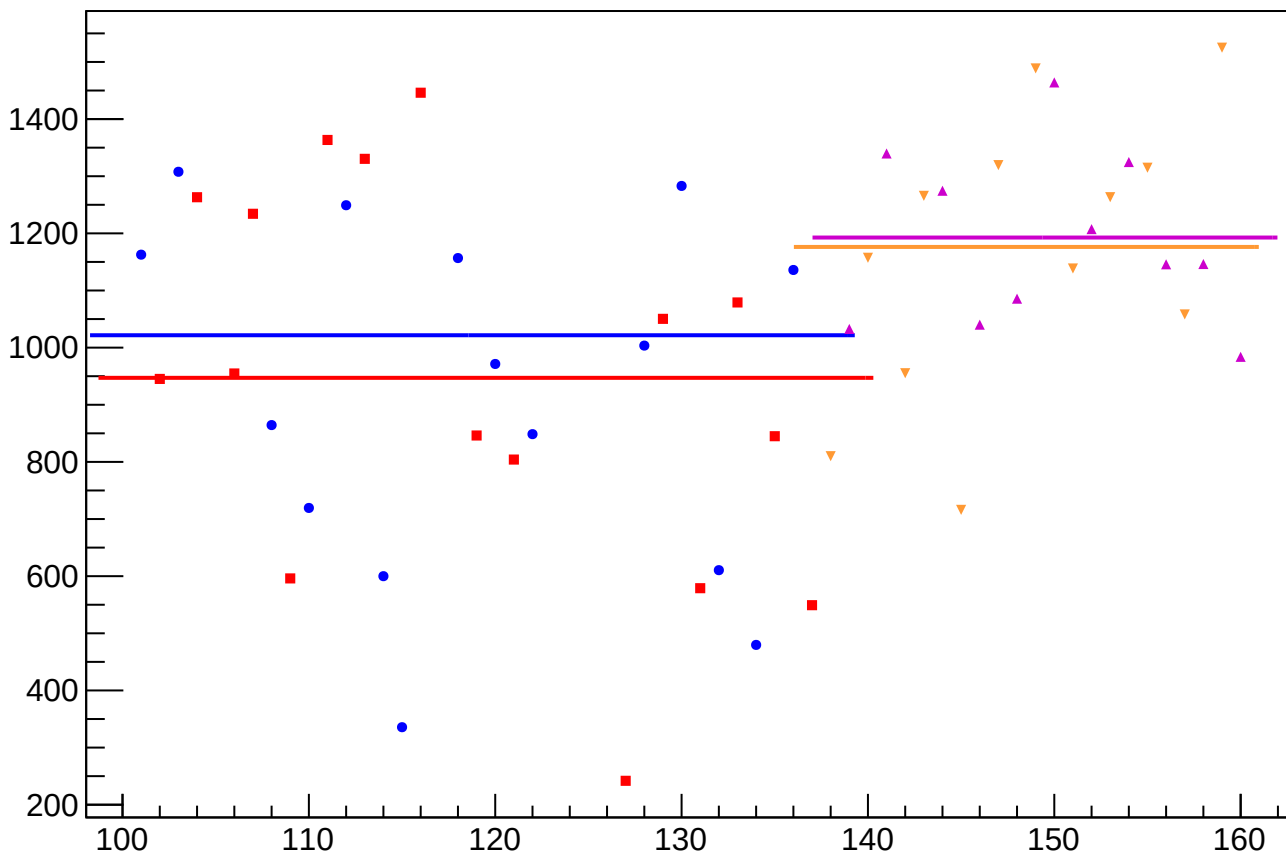
Left In: 6.228+/-0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

+ sign 6.582+/-0.000 χ^2/NDF : 18622625397186852

All: 6.579+/-0.000 χ^2/NDF : 32513446836345

- sign 6.575+/-0.000 χ^2/NDF : 13890781213861884

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

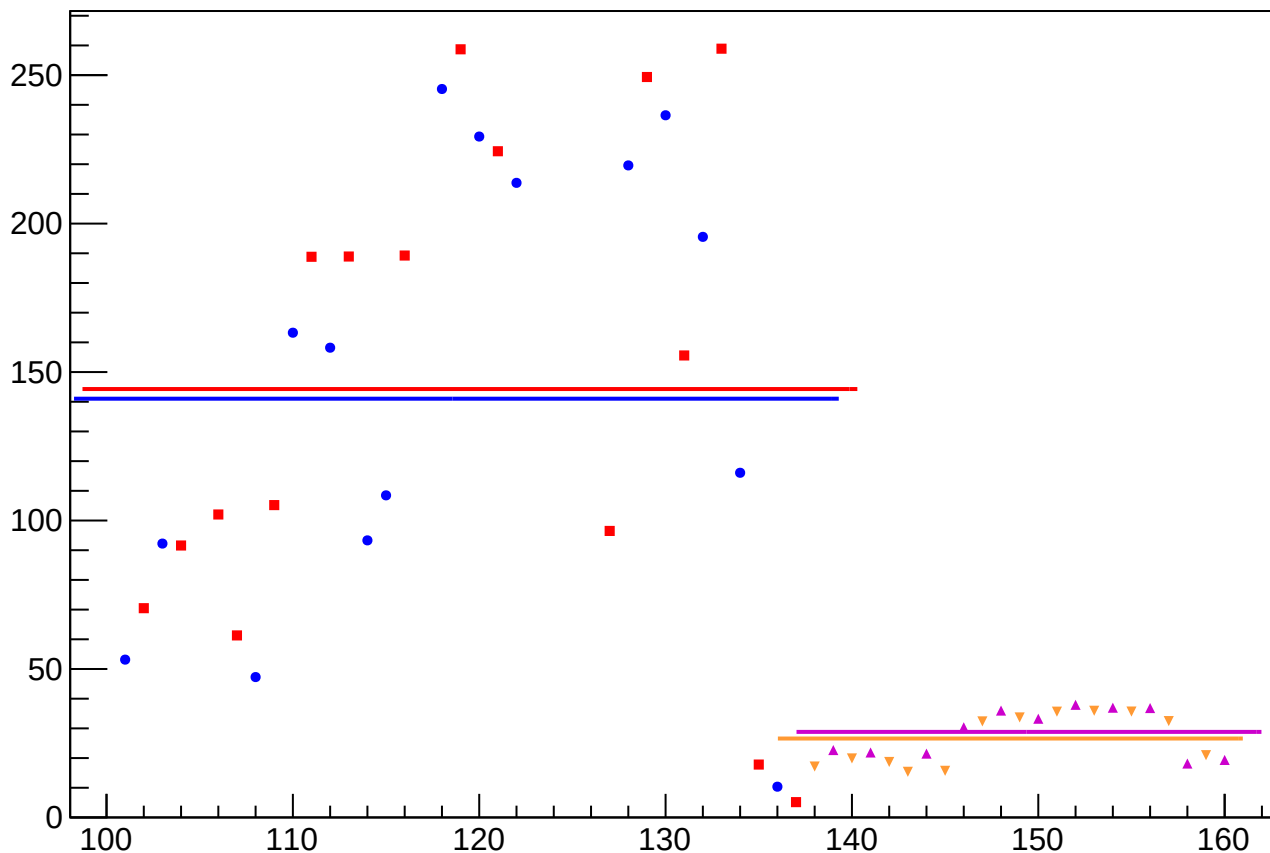
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



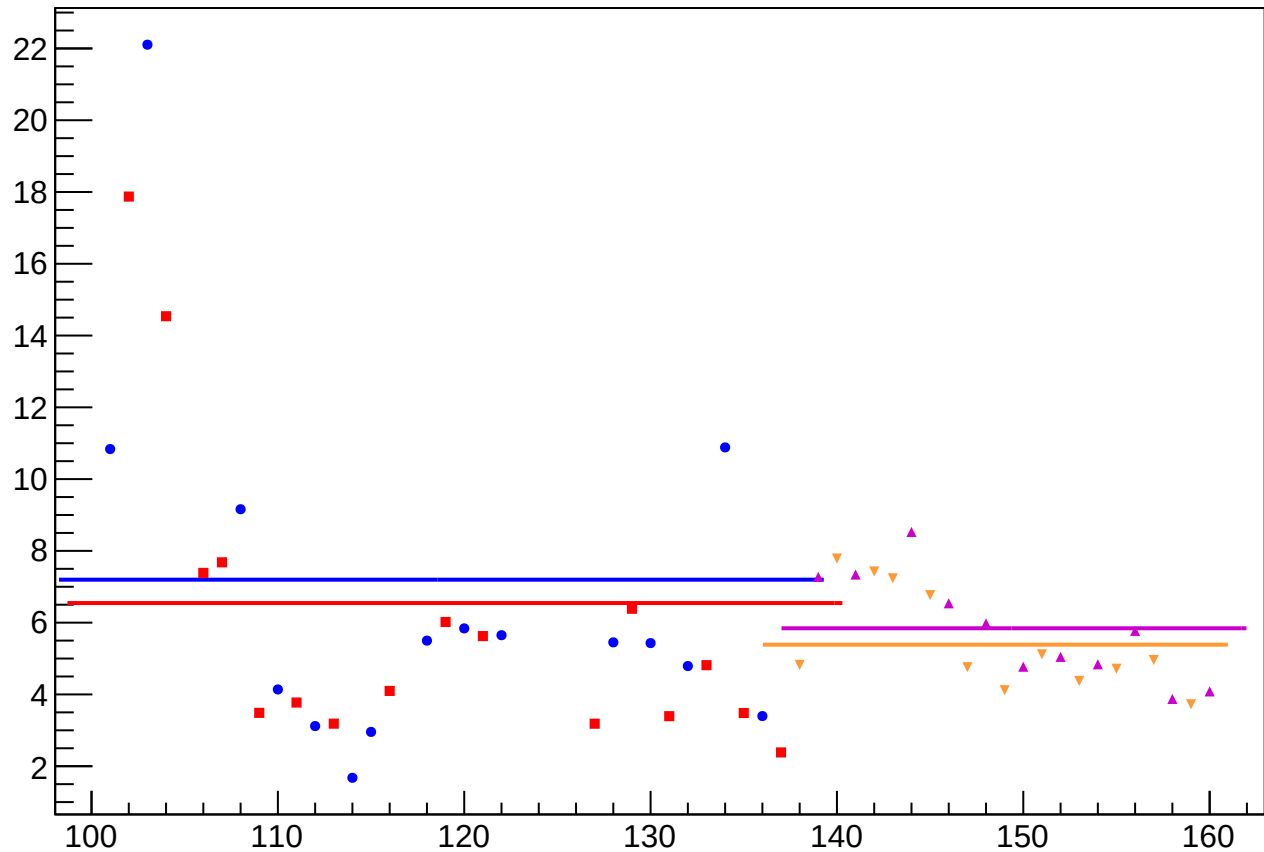
Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

Left Out: 26.582+/-0.000 χ^2/NDF : 63880546932393658050614652141830144.0/11

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

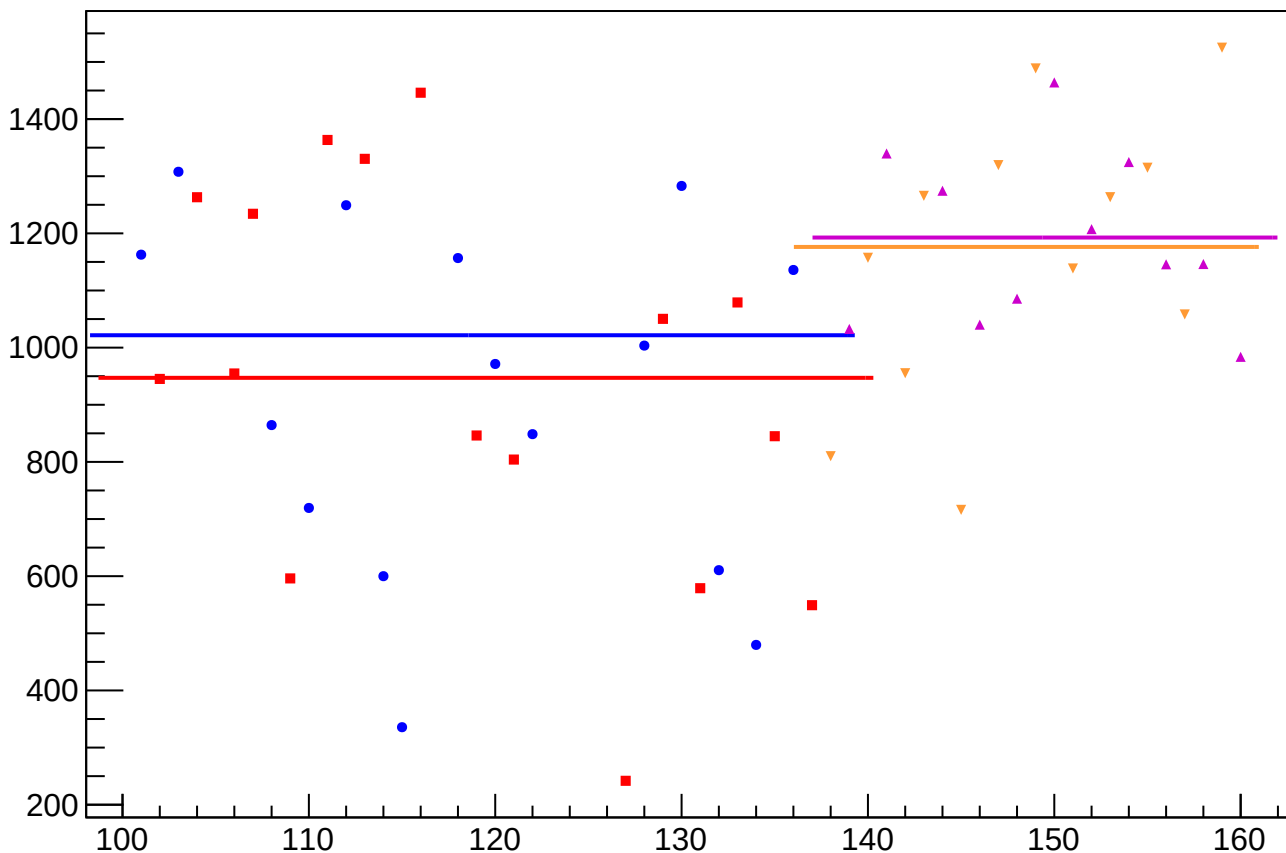
Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198 ± 0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14
 Left Out: 5.387 ± 0.000 χ^2/NDF : 1602138249882478814835943843823616.0/11
 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: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

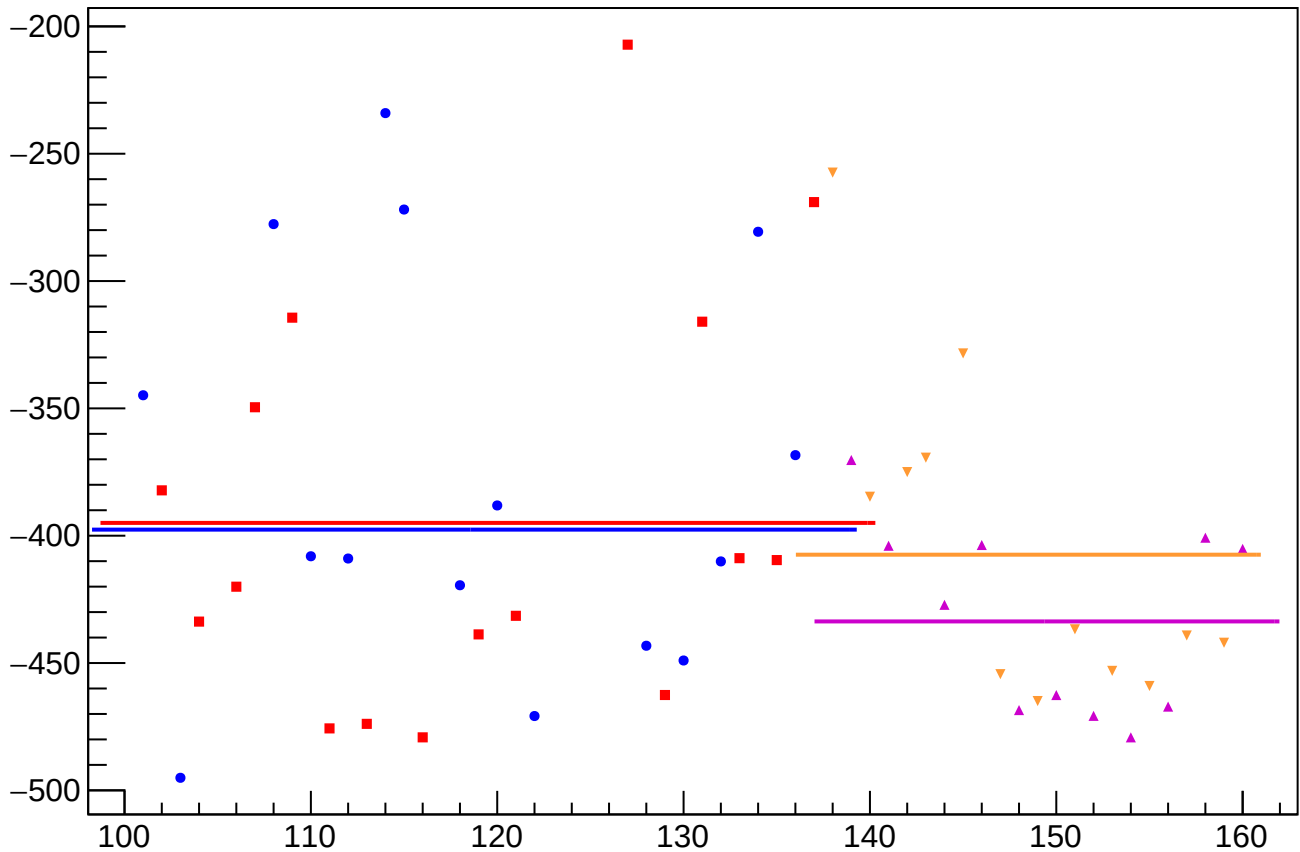
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- 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

Left Out: -407.457+/-0.000 χ^2/NDF : 3530254490804072685015705910637494272.0/11

Right Out: -394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

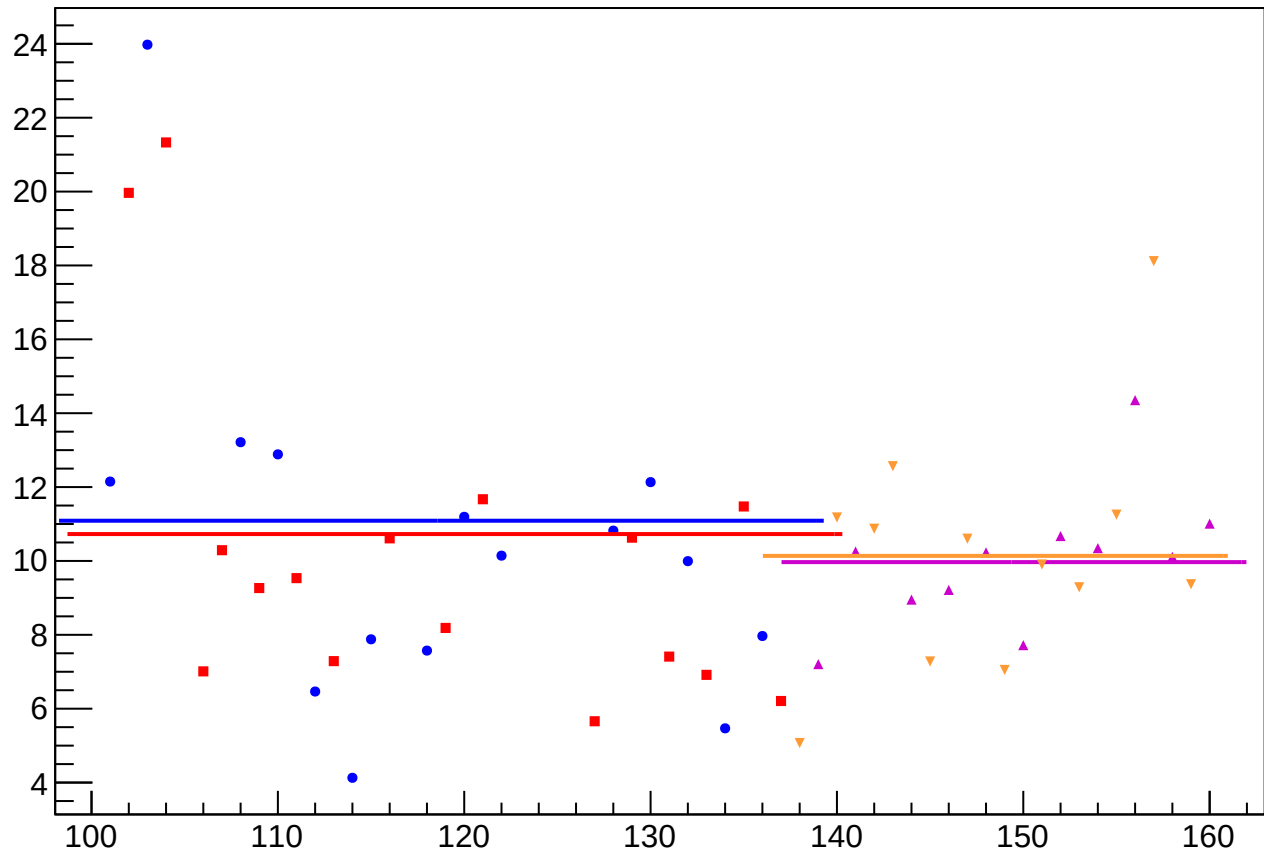
Left In: -433.664+/-0.000 χ^2/NDF : 1198237421385461104687495484599697408.0/10

+ sign -403.377+/-0.000 χ^2/NDF : 62283585707933

All: -410.466+/-0.000 χ^2/NDF : 11848262293

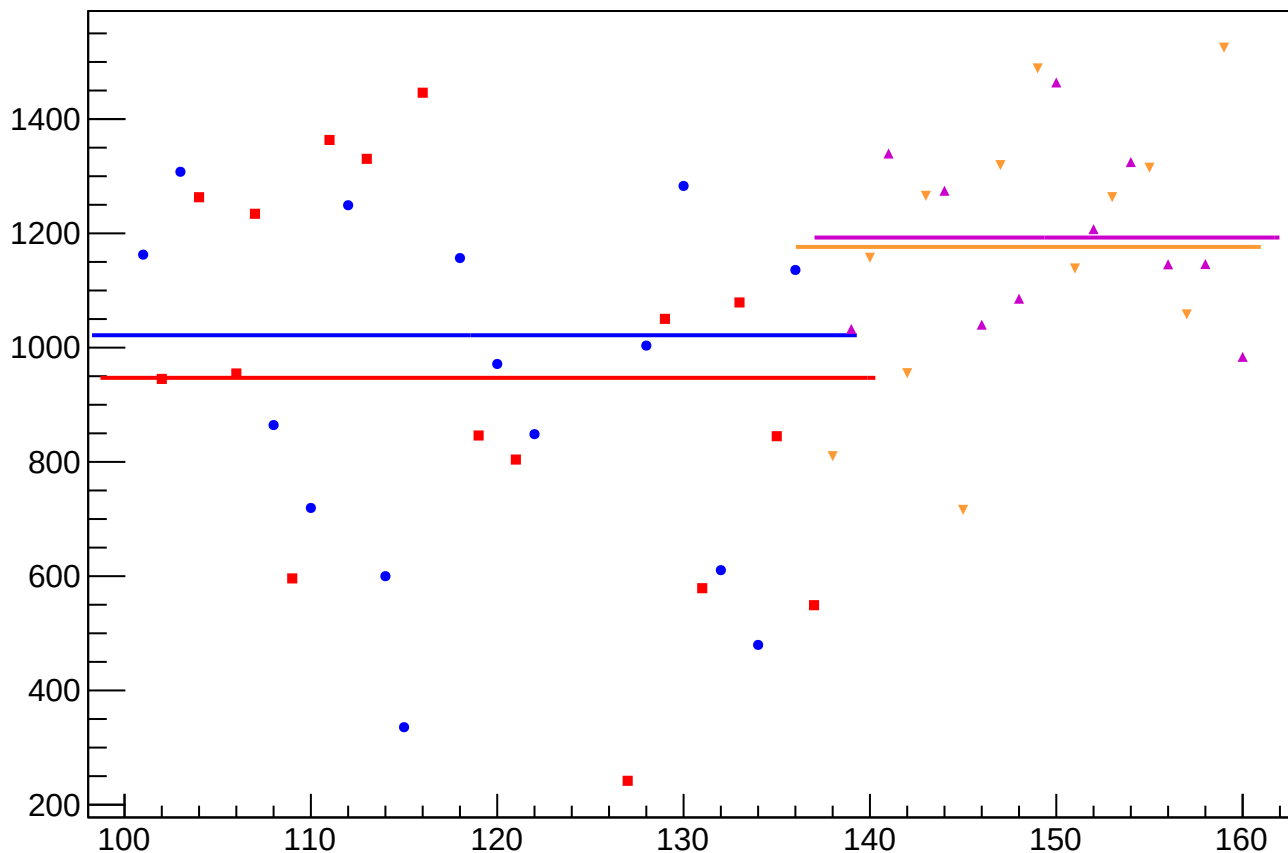
- sign -417.444+/-0.000 χ^2/NDF : 54637466246081

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14
 Left Out: 10.137 $\pm$ 0.000 χ^2 /NDF: 9233961900502442042562315288576000.0/11
 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

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

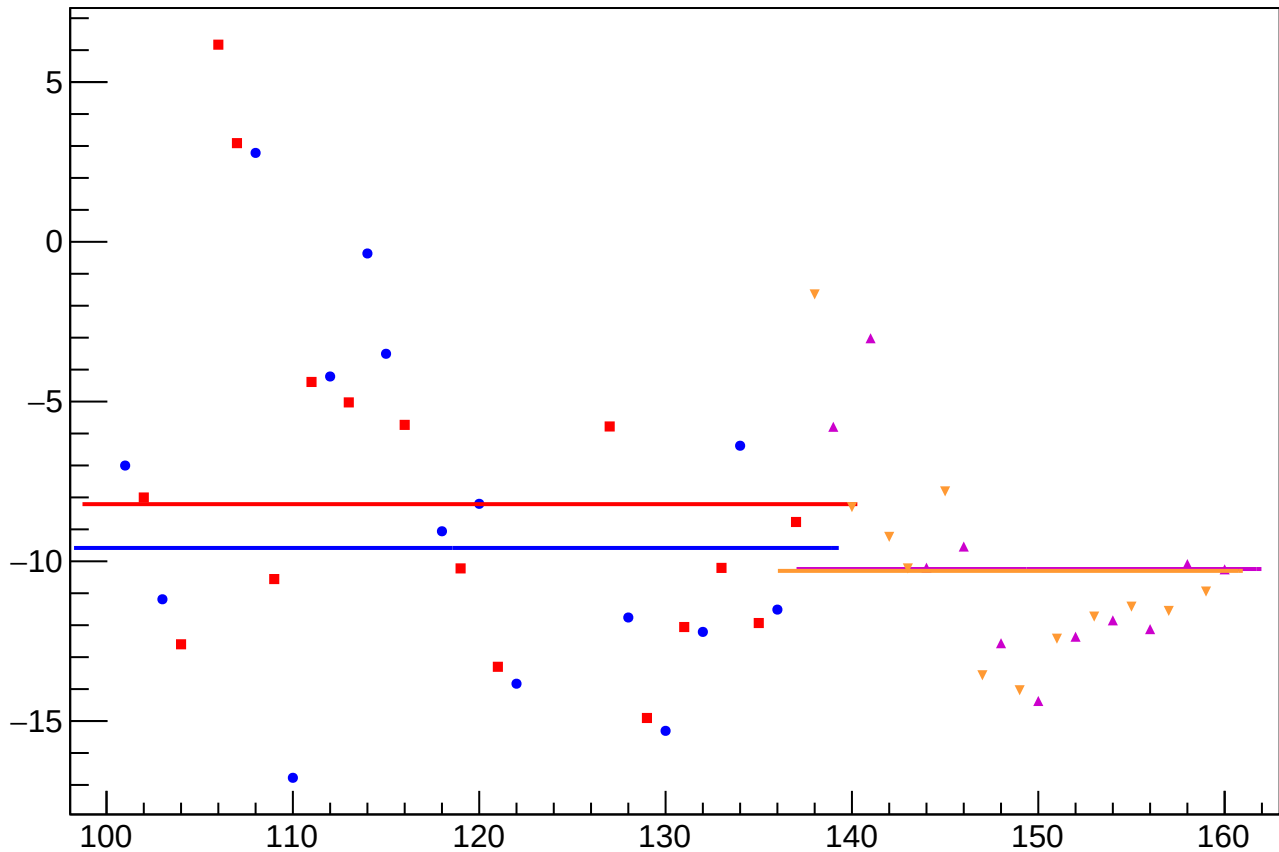
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

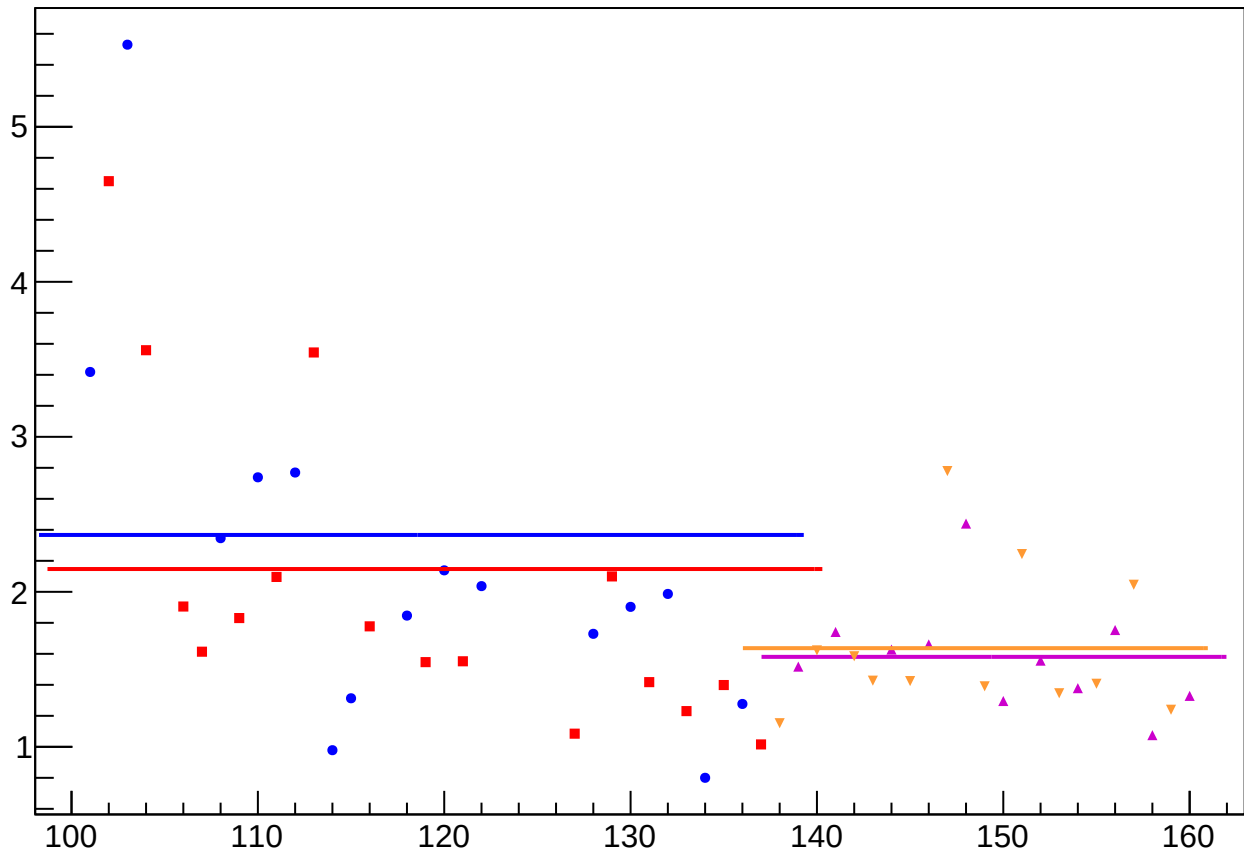
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4aY_coil7_mean vs Slug



Right In: -9.582 ± 0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14
 Left Out: -10.300 ± 0.000 χ^2/NDF : 9506877601099056155644993577418752.0/11
 Right Out: -8.211 ± 0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15
 Left In: -10.241 ± 0.000 χ^2/NDF : 8992829088408430483485977772818432.0/10

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.637 $\pm$ 0.000 χ^2 /NDF: 197584846951597051944769289191424.0/11

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

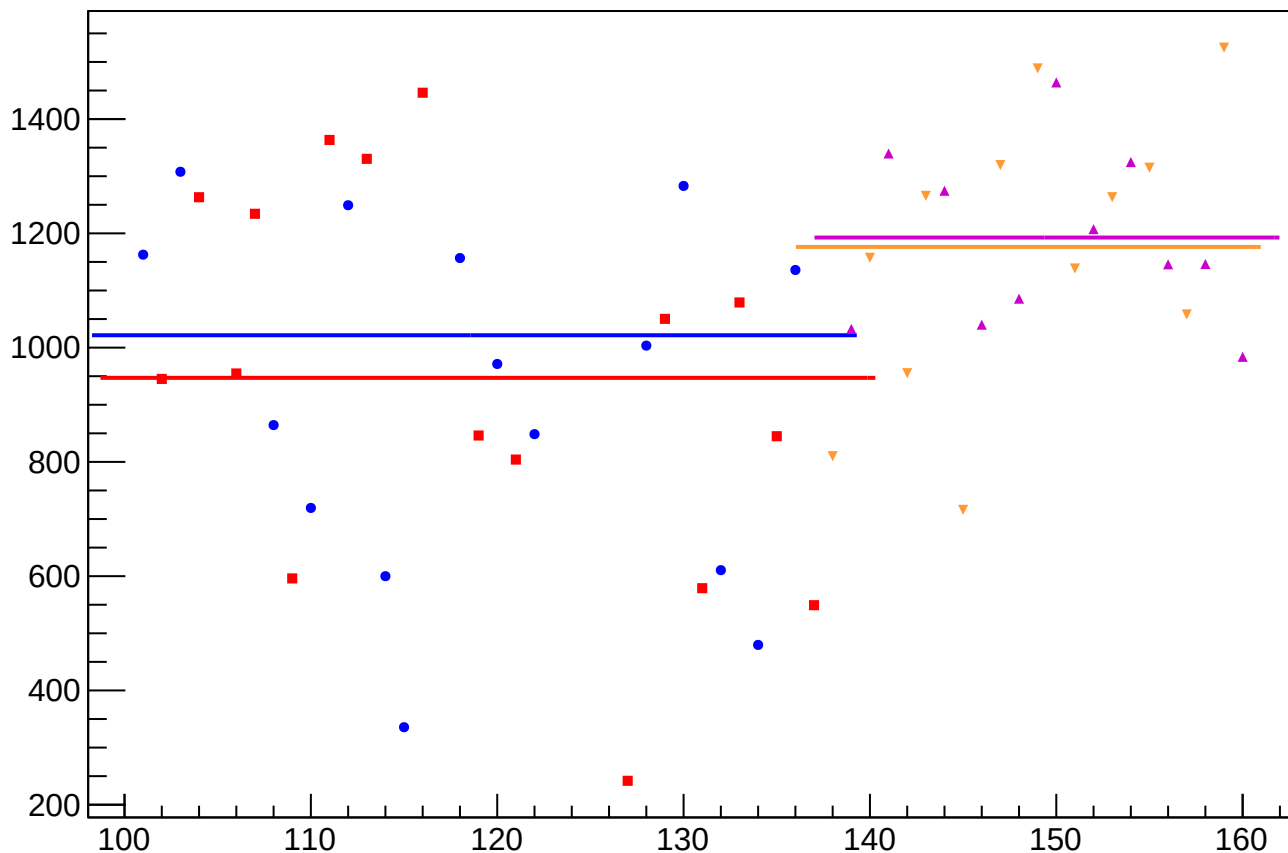
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ sign 1.939 $\pm$ 0.000 χ^2 /NDF: 13209687633511576

All: 1.878 $\pm$ 0.000 χ^2 /NDF: 23253033241293

- sign 1.818 $\pm$ 0.000 χ^2 /NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

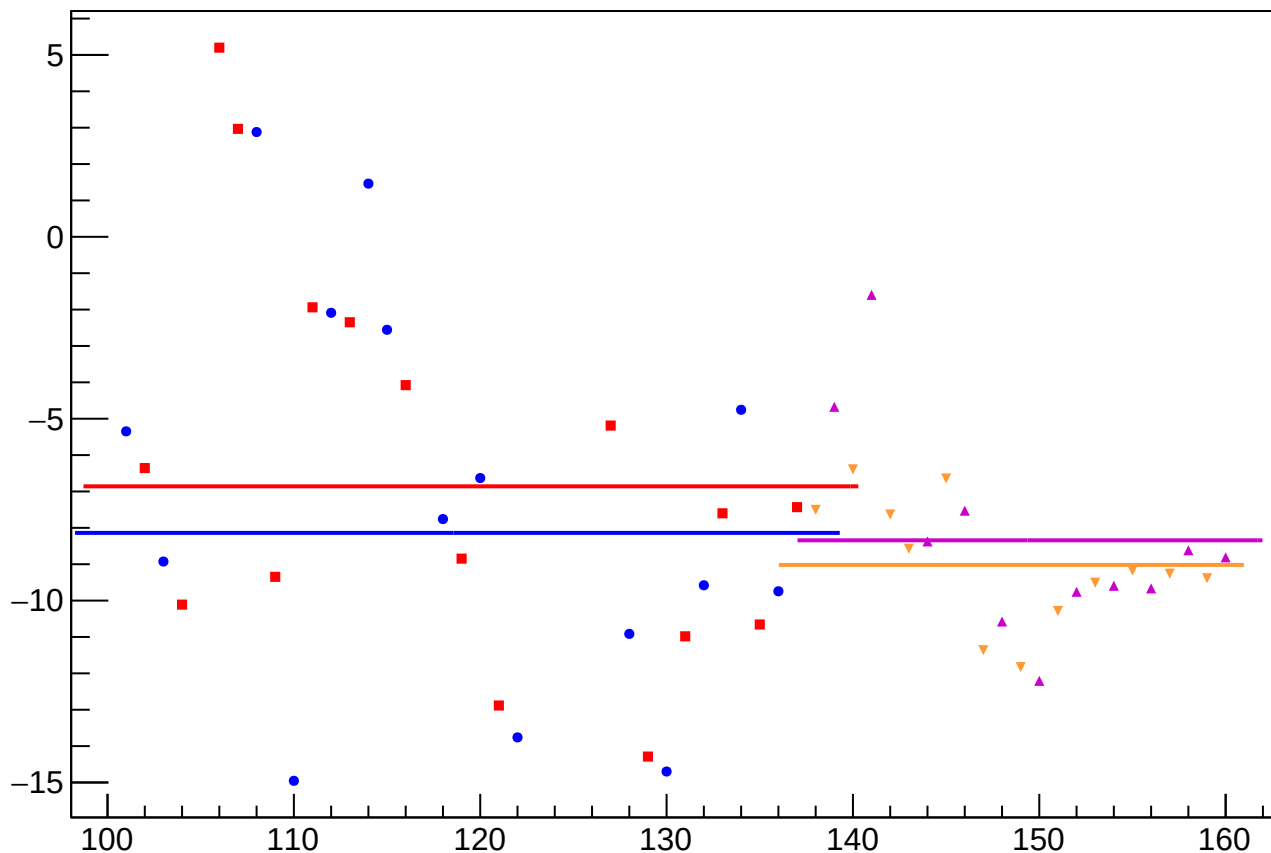
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- 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: -9.019 ± 0.000 χ^2/NDF : 2556393635520144823493802684579840.0/11

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

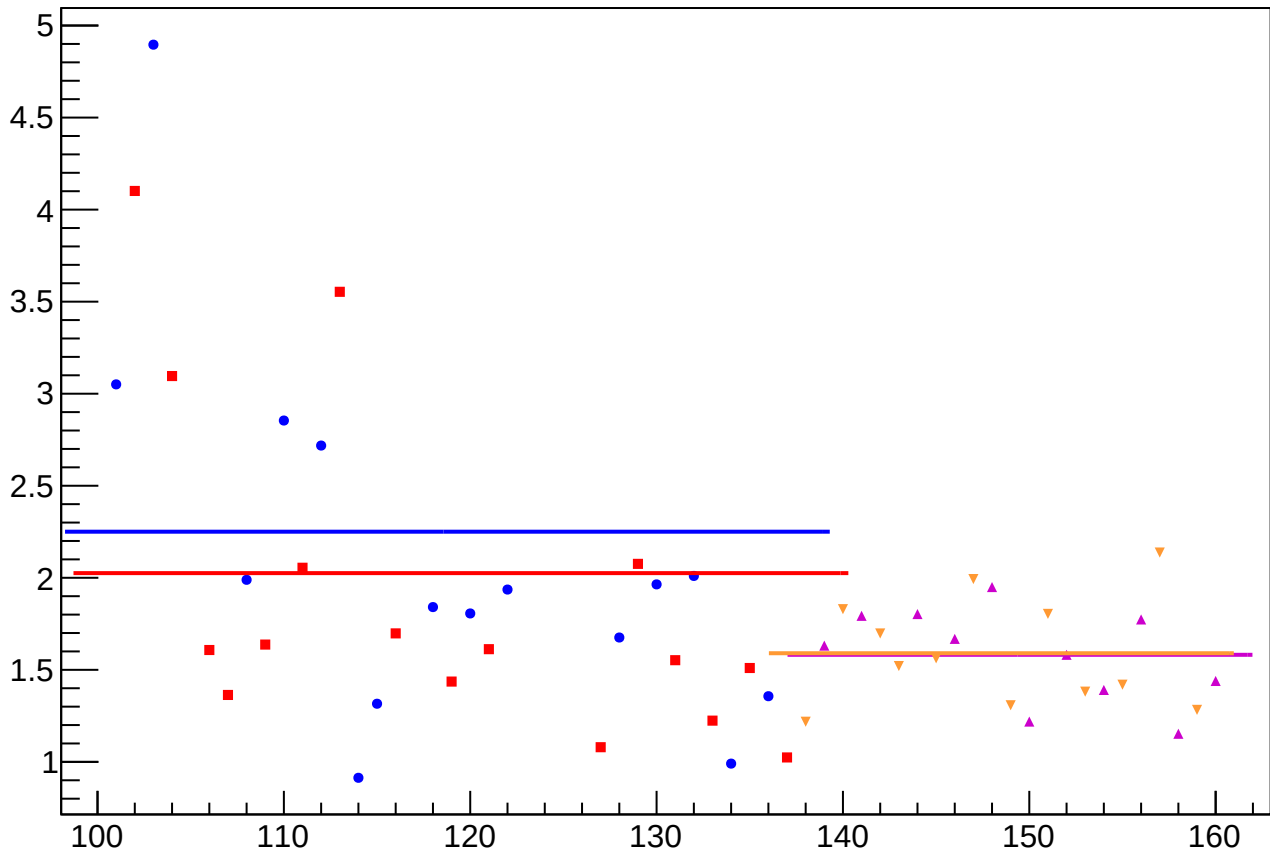
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.654 ± 0.000 χ^2/NDF : 1752717108252513

All: -8.184 ± 0.000 χ^2/NDF : 4282044438070

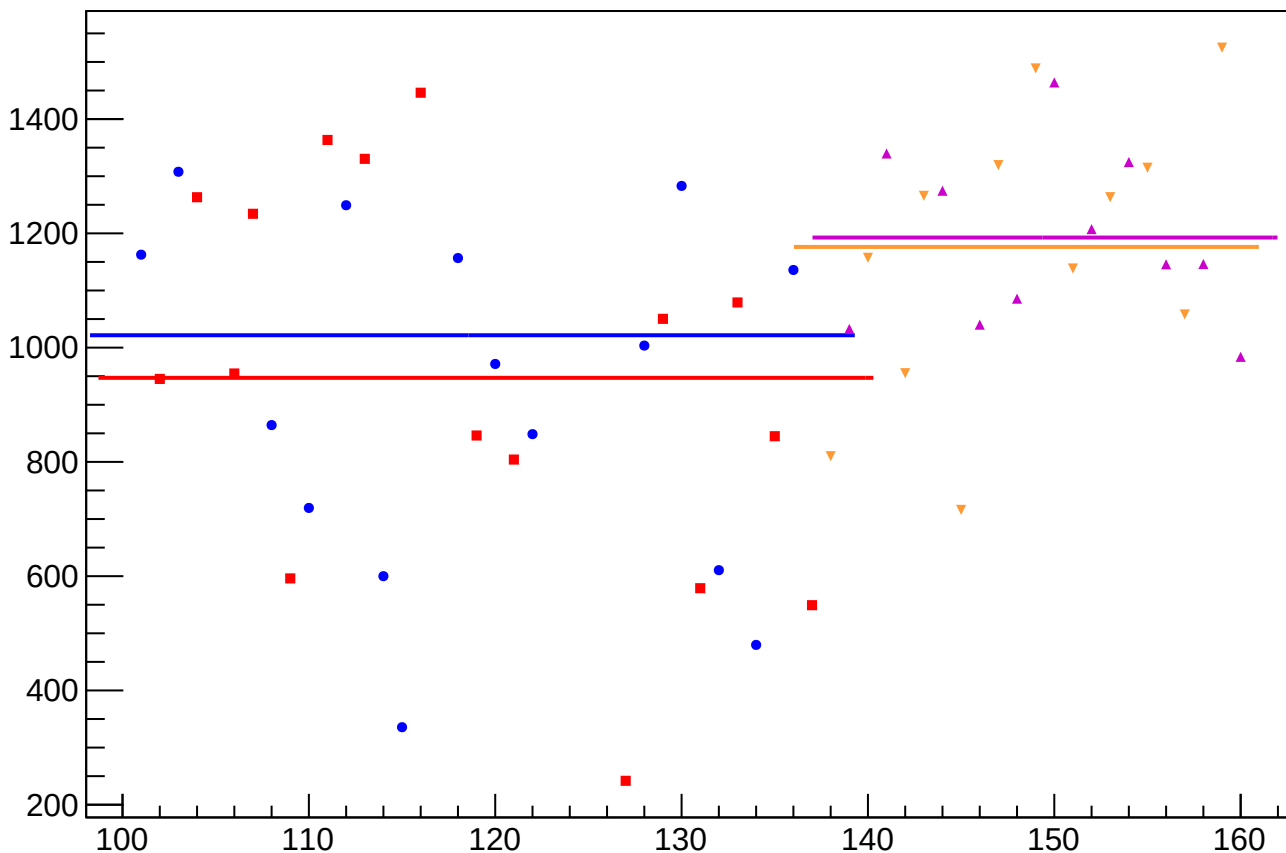
- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.590 ± 0.000 χ^2/NDF : 76554351114693669605218090745856.0/11
 Right Out: 2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10
 All: 1.815 ± 0.000 χ^2/NDF : 16162226214289.0/15
 + sign 1.864 ± 0.000 χ^2/NDF : 89900407422564290.0/15
 - sign 1.768 ± 0.000 χ^2/NDF : 70992647799477177.0/15

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

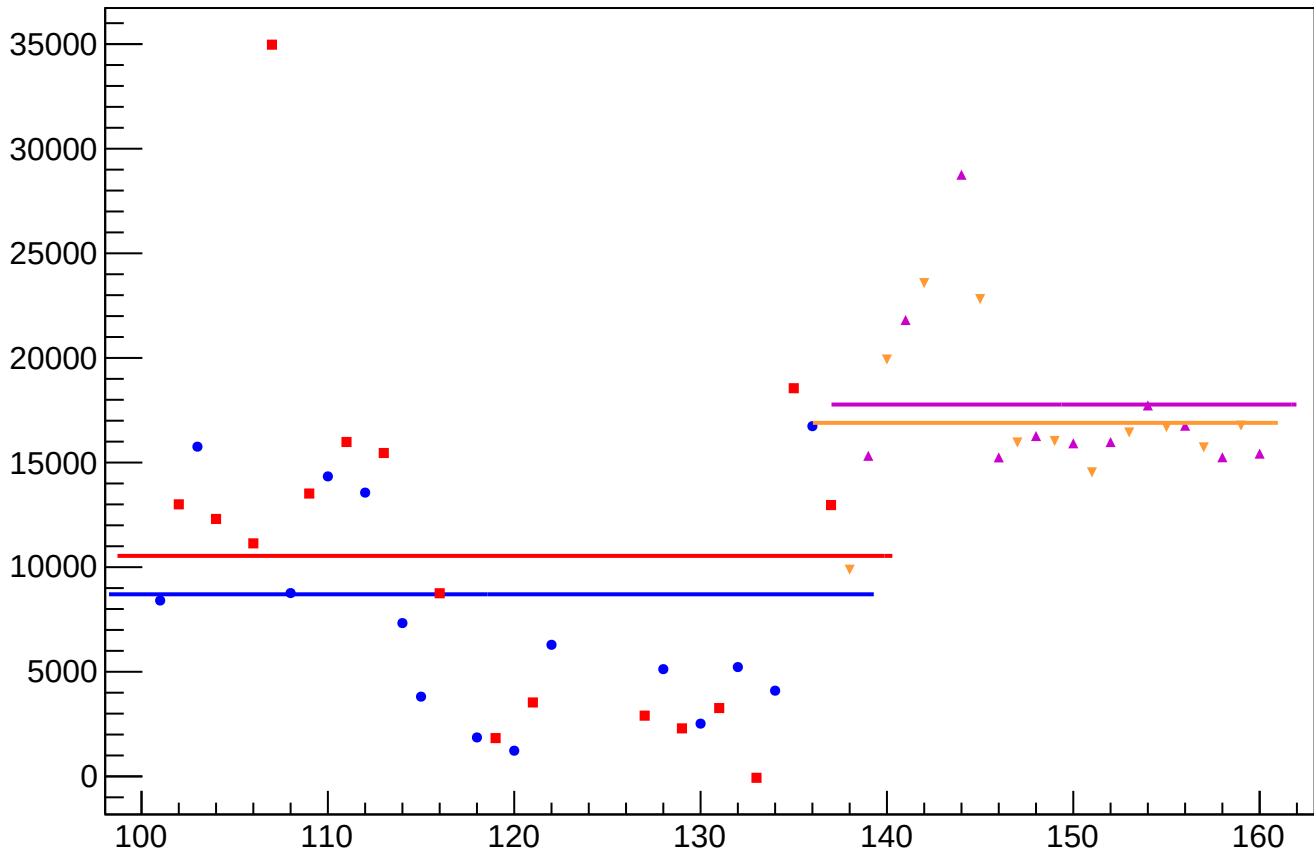
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1112.188 $\pm$ 0.000 χ^2 /NDF: 10292693819422

All: 1100.879 $\pm$ 0.000 χ^2 /NDF: 21371922767

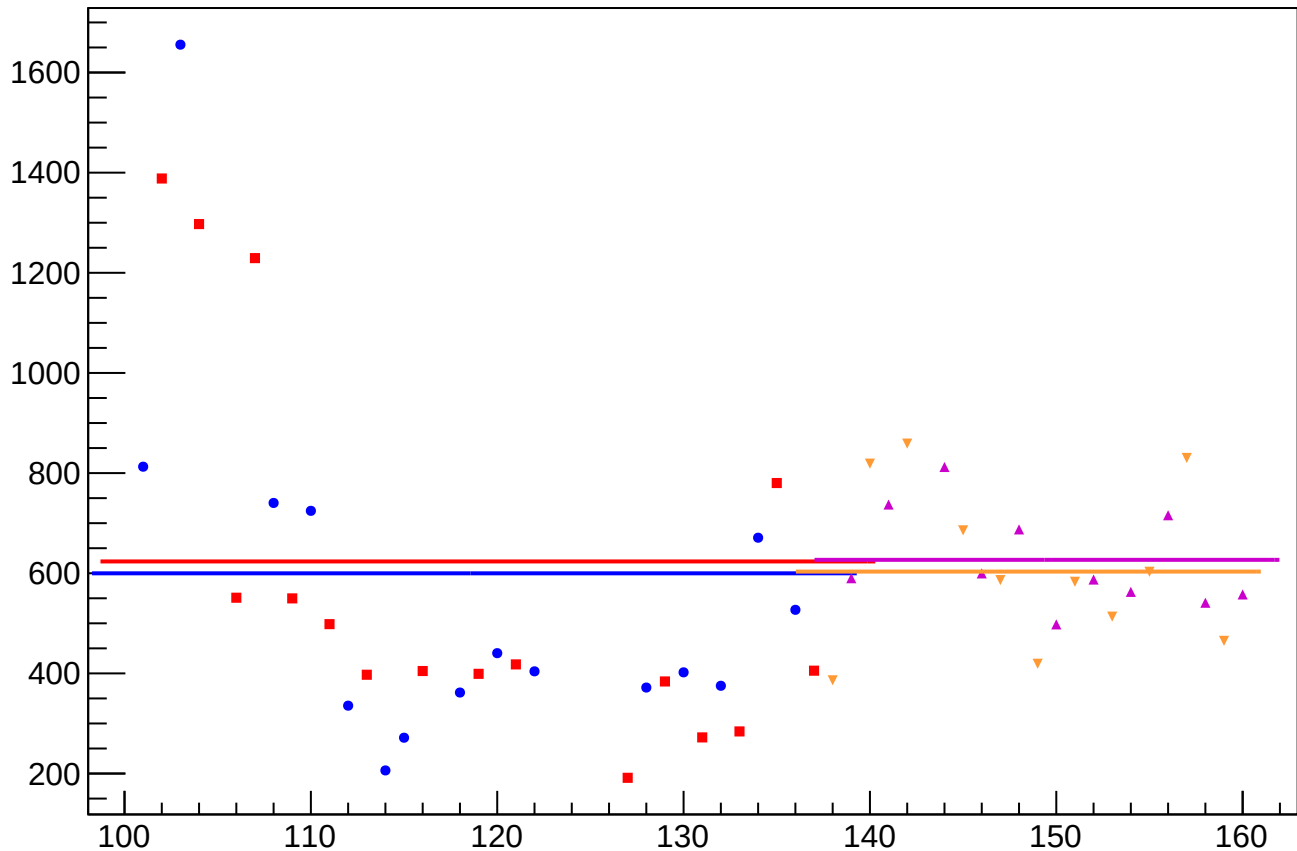
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 16897.725+/-0.000 χ^2/NDF : 10176252623828635713405692864230091390976.0/10
 Right Out: 10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: 17773.103+/-0.000 χ^2/NDF : 14926066991142889452676587552618632445952.0/10

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

+ sign 601.816+/-0.000 χ^2/NDF : 109494471147636

Left Out: 603.317+/-0.000 χ^2/NDF : 20231084325408050976710009900855459840.0/10

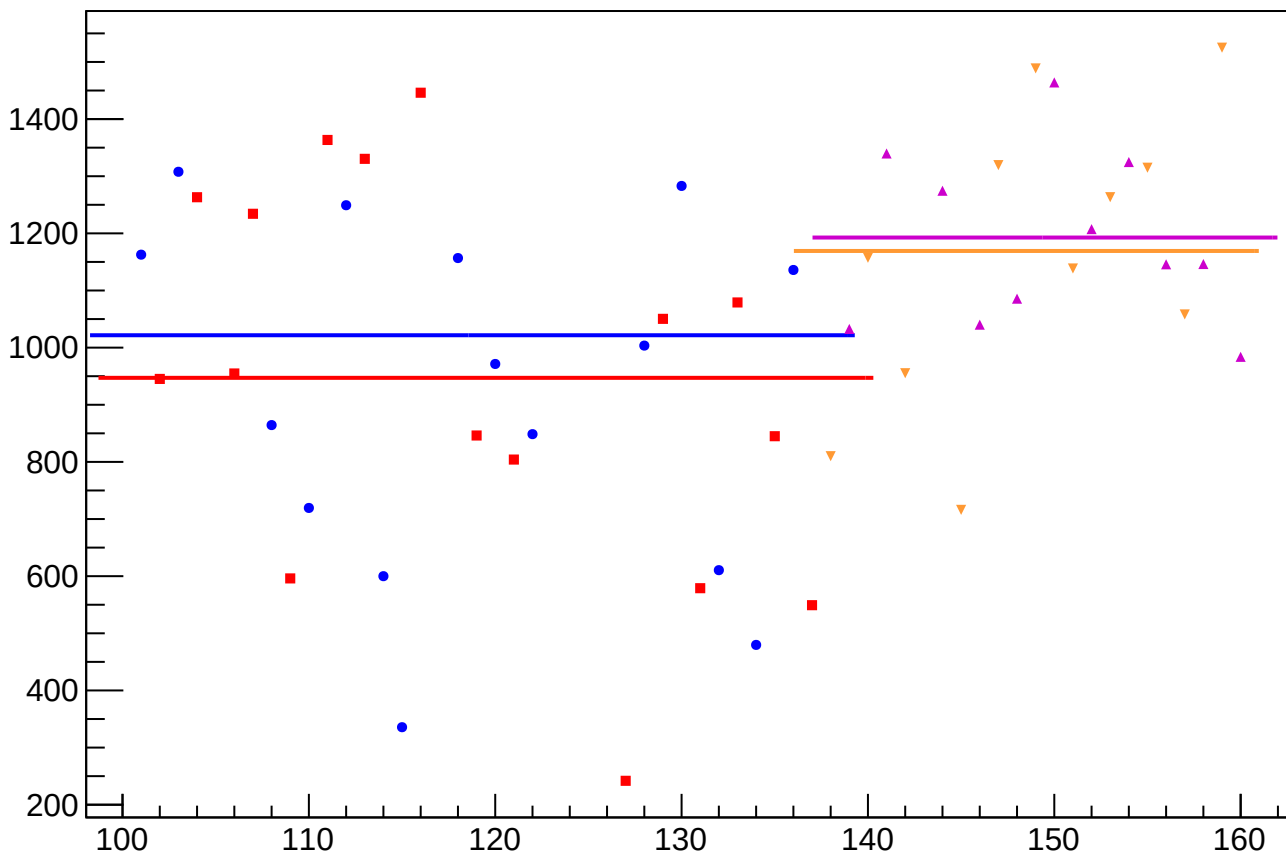
All: 613.978+/-0.000 χ^2/NDF : 219548951472

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1169.193+/-0.000 χ^2/NDF : 52777446675178529289654408188899885056.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

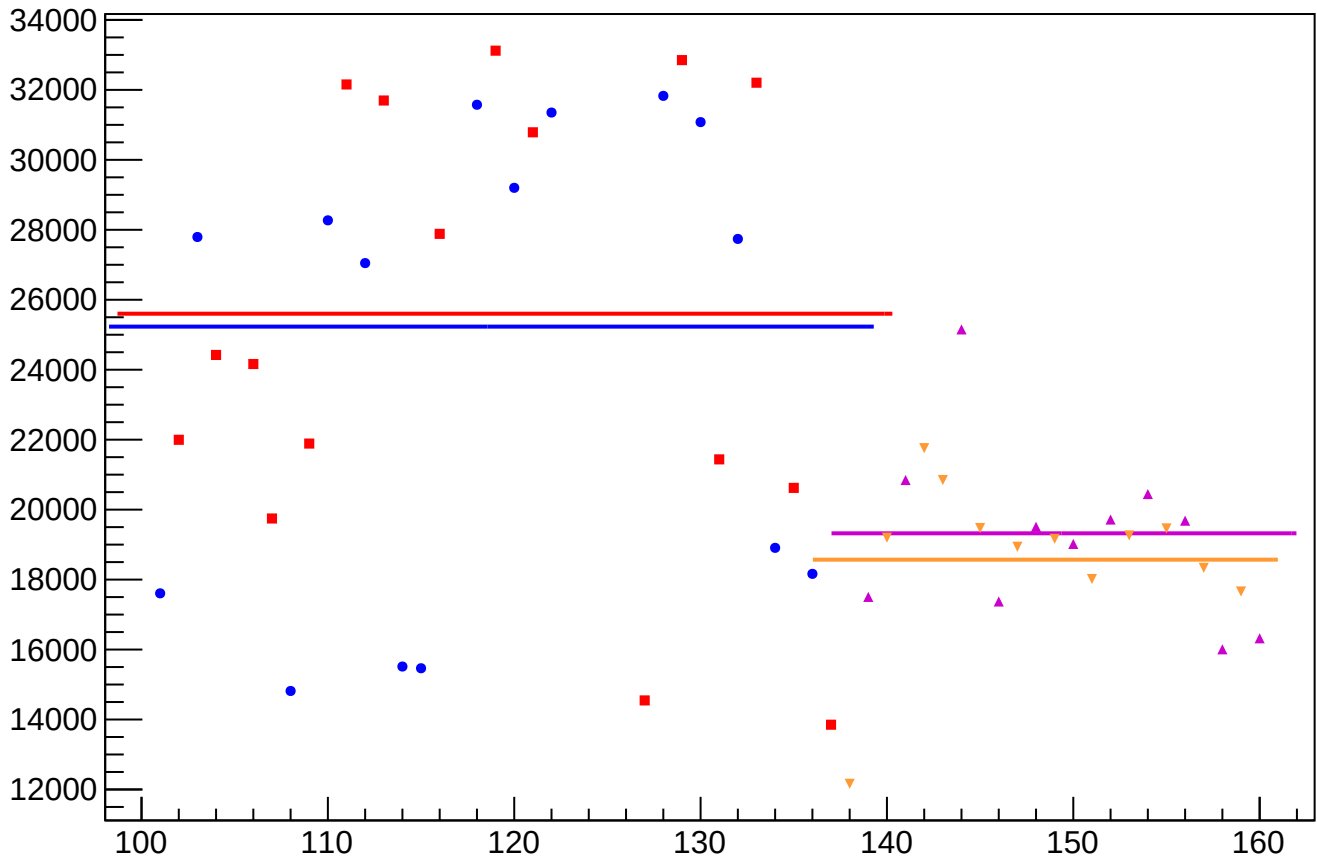
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1105.328+/-0.000 χ^2/NDF : 10127806605821

All: 1097.306+/-0.000 χ^2/NDF : 21186028983

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

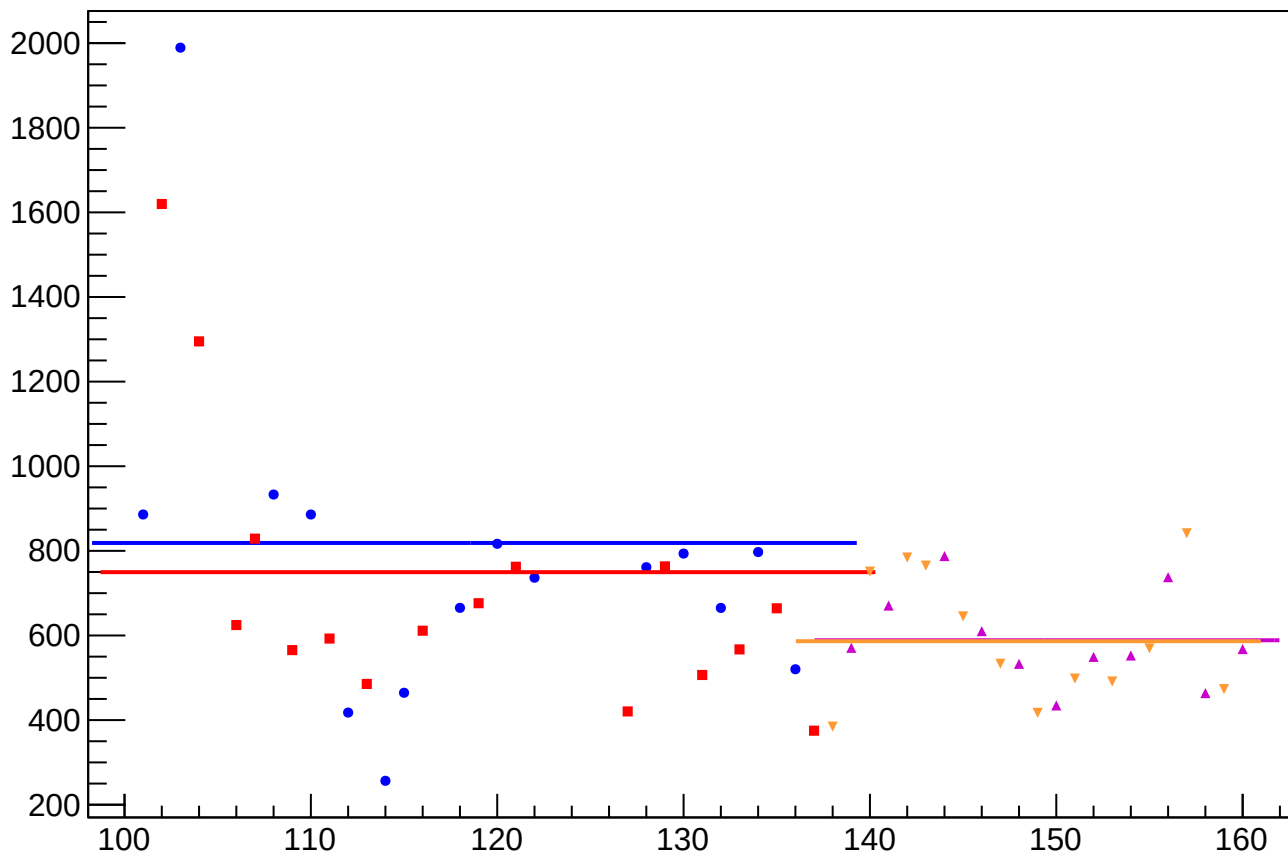
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18569.658+/-0.000	χ^2/NDF : 4355453929949745896740569008121325813760.0/11
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 21330.839+/-0.000 χ^2/NDF : 4575967964808
 All: 21645.438+/-0.000 χ^2/NDF : 9120642152
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175

dit_usr_coil7_err_mean vs Slug



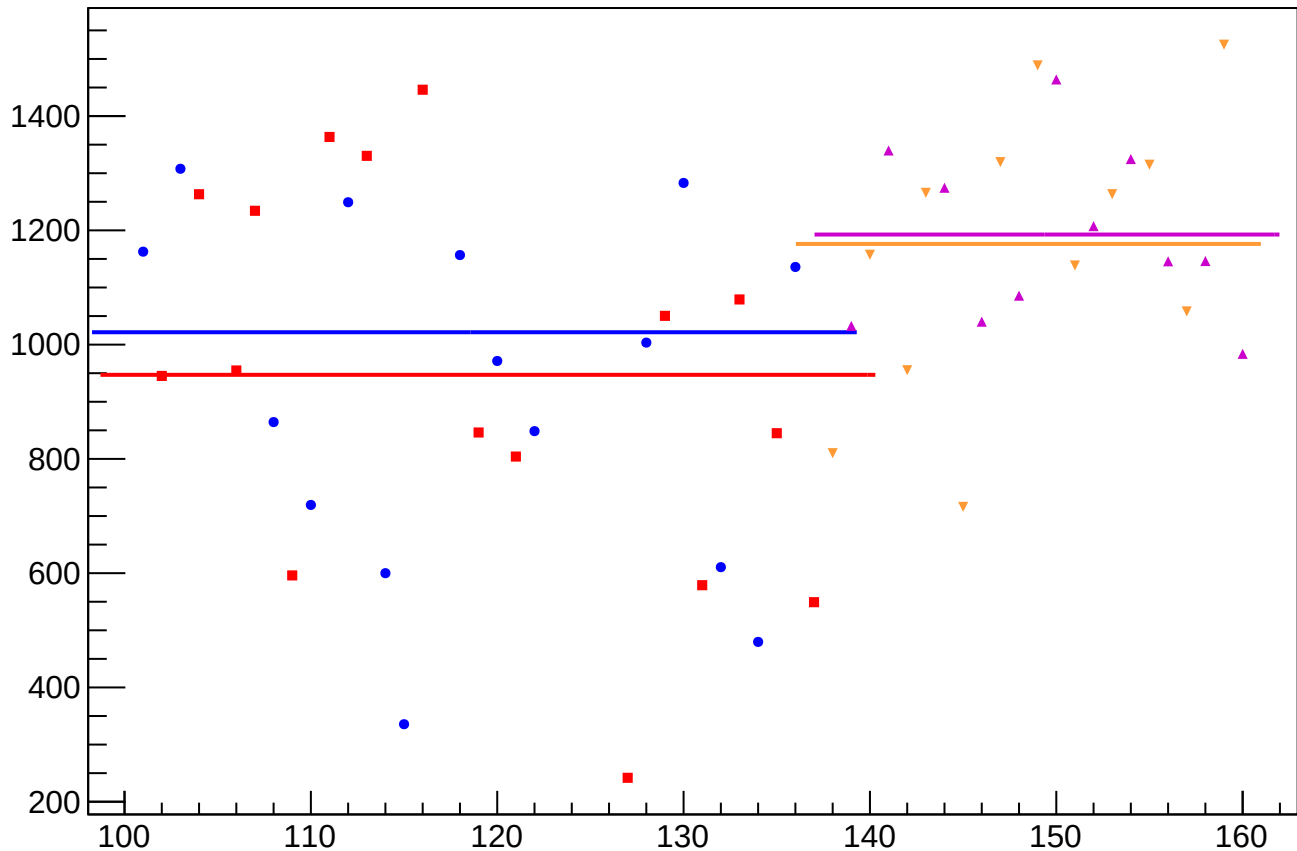
Right In: 818.668 ± 0.000 $\chi^2/\text{NDF}: 105606527096911974489496802318373355520.0/14$

Left Out: 586.466 ± 0.000 $\chi^2/\text{NDF}: 19798968336765265919175174287150546944.0/11$

Right Out: 749.661 ± 0.000 $\chi^2/\text{NDF}: 77972691834605708706145461250669150208.0/15$

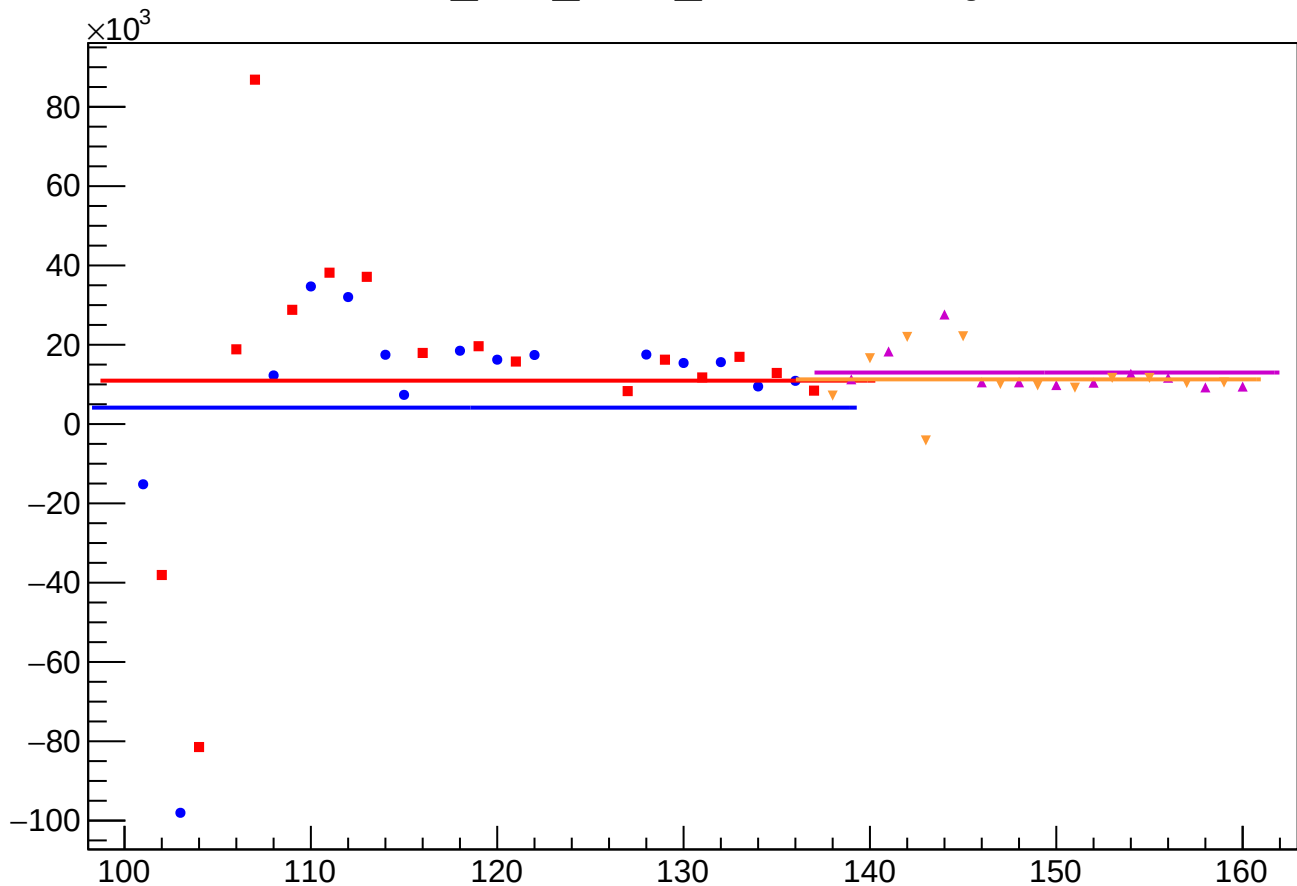
Left In: 588.693 ± 0.000 $\chi^2/\text{NDF}: 9904386894828699094725074481582178304.0/10$

dit_usr_coil7_Ndata_mean vs Slug



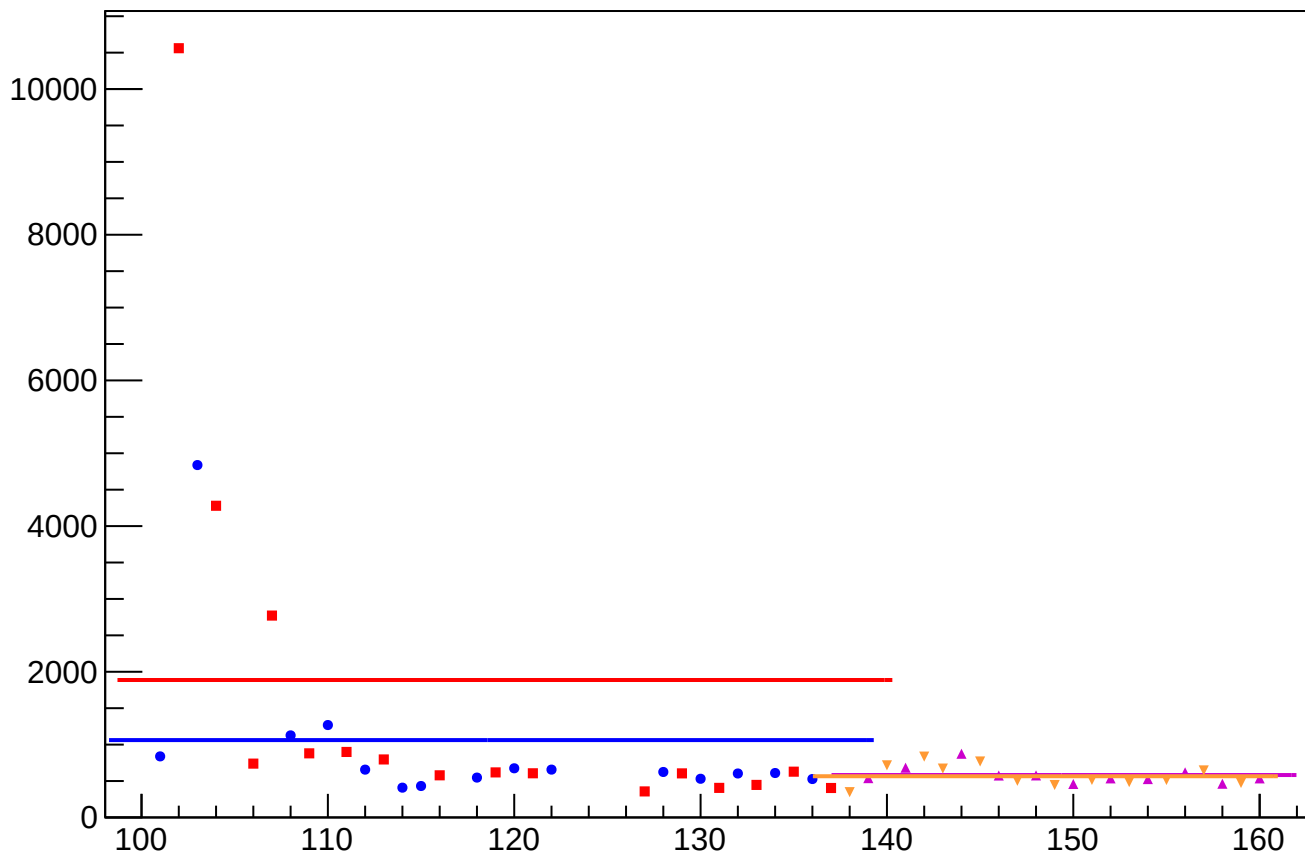
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1112.188+/-0.000	χ^2/NDF : 10292693819422
Left Out: 1176.242+/-0.000	χ^2/NDF : 53355525796592022882385023198883217408.0/11	All: 1100.879+/-0.000	χ^2/NDF : 21371922767
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- 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: 11270.779 ± 0.000 χ^2/NDF : 35137043527033139065388759182682848493568.0/11
 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



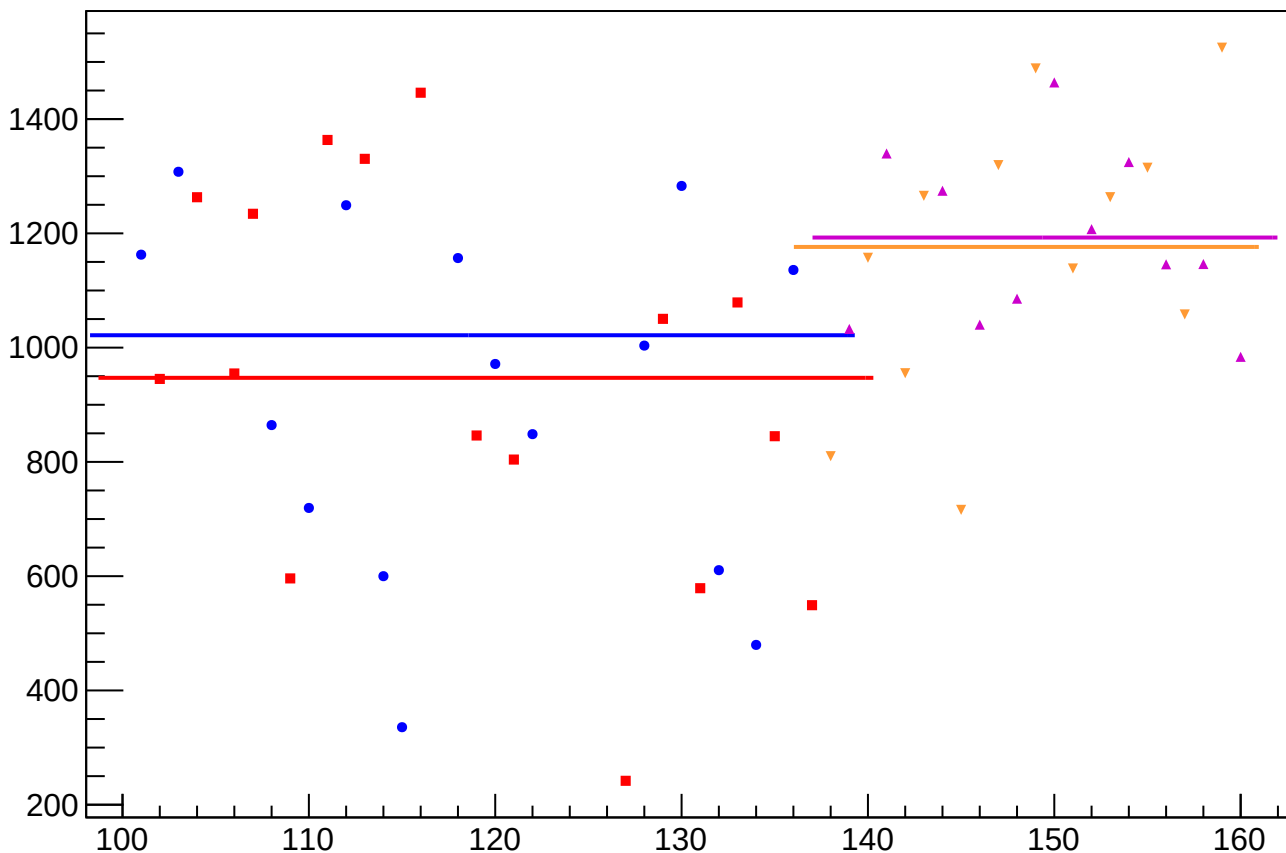
Right In: 1062.141 ± 0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 565.876 ± 0.000 χ^2/NDF : 16647379125618292913647848878579384320.0/11

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: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

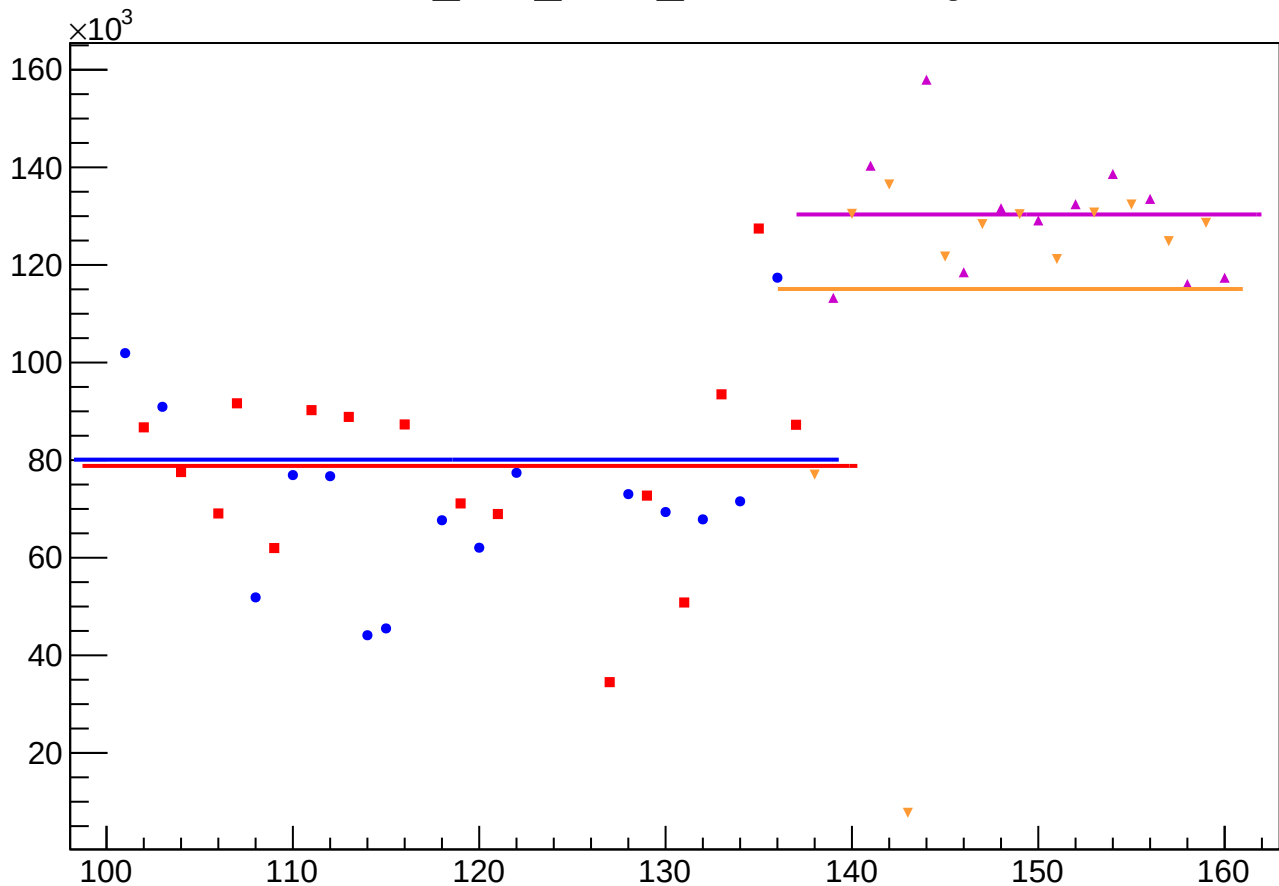
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

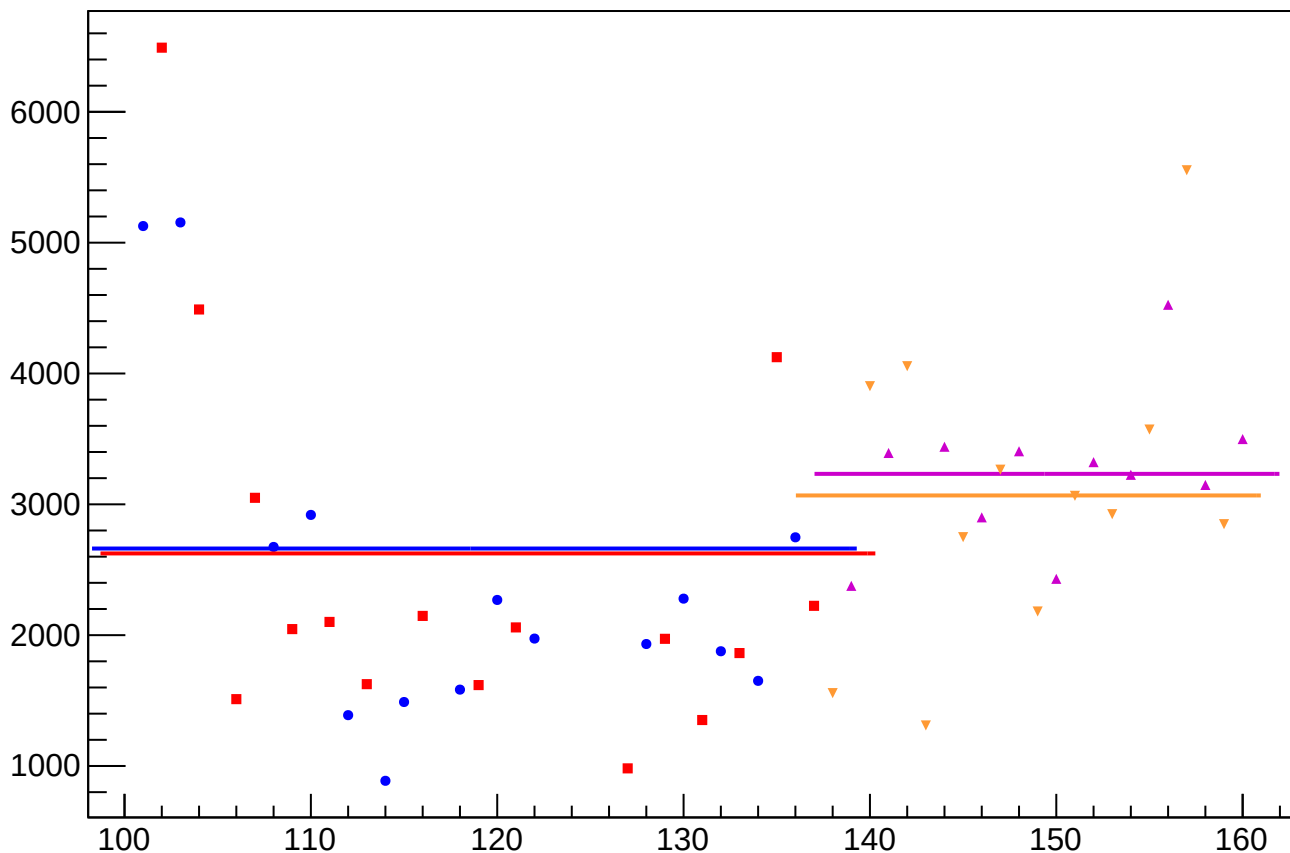
dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000	χ^2/NDF : 254521784097258654723607522631742465769472.0/14
Left Out: 115071.197+/-0.000	χ^2/NDF : 1032500680832033878927899547290304830767104.0/11
Right Out: 78815.832+/-0.000	χ^2/NDF : 286076919217811099434470442231998185472000.0/15
Left In: 130346.244+/-0.000	χ^2/NDF : 148174871015439819820100459279999278514176.0/10

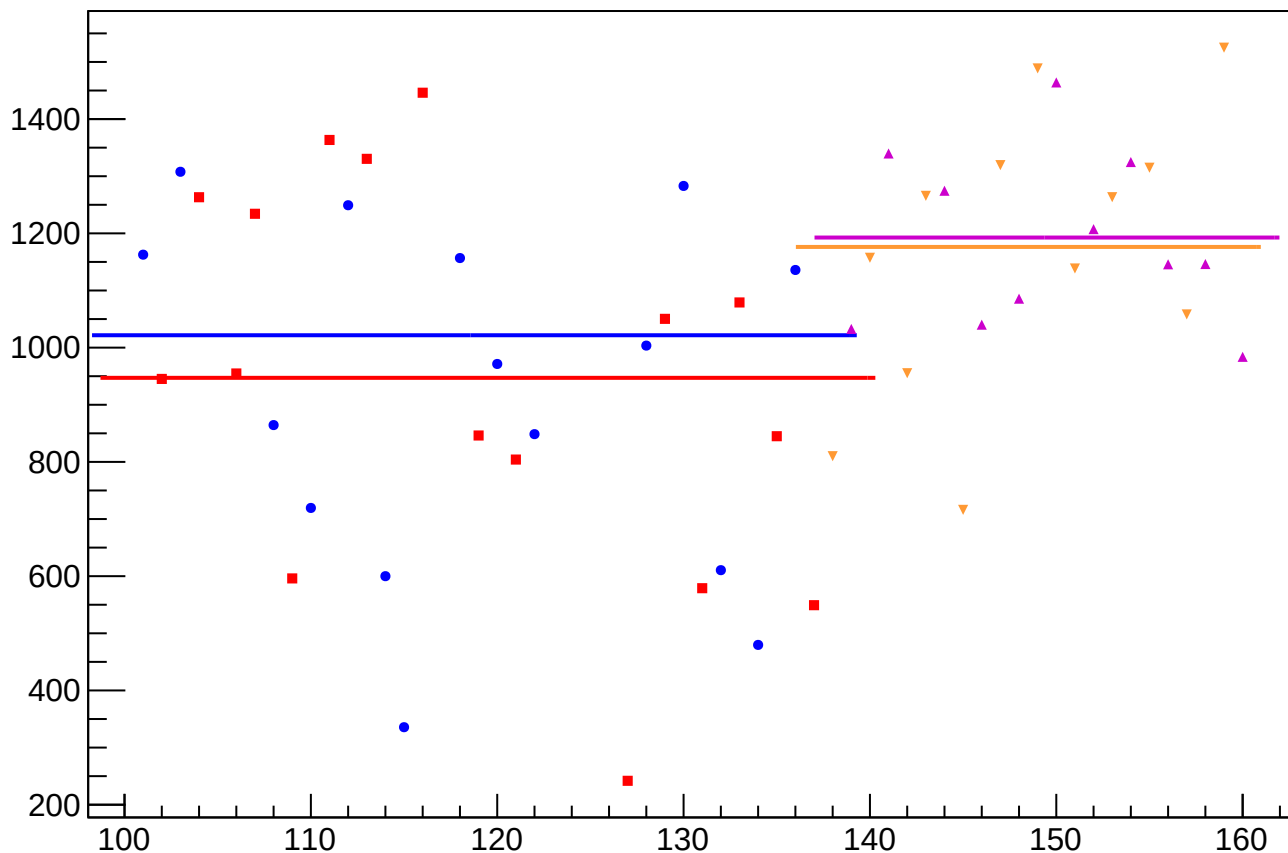
+ sign 100579.063+/-0.000 χ^2/NDF : 175173145968
 All: 104693.349+/-0.000 χ^2/NDF : 32672028
 - sign 108742.985+/-0.000 χ^2/NDF : 146287150012

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000	χ^2/NDF : 1031389230165640157864439705583367487488.0/14	+ sign 2899.744+/-0.000	χ^2/NDF : 21724325951632
Left Out: 3067.875+/-0.000	χ^2/NDF : 1078495187687389019694818149822179049472.0/11	All: 2939.136+/-0.000	χ^2/NDF : 41629642806
Right Out: 2624.696+/-0.000	χ^2/NDF : 1566705216866534713590934835660406652928.0/15	- sign 2977.909+/-0.000	χ^2/NDF : 19857098184284
Left In: 3232.879+/-0.000	χ^2/NDF : 275721007613891276741007240283331493888.0/10		

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

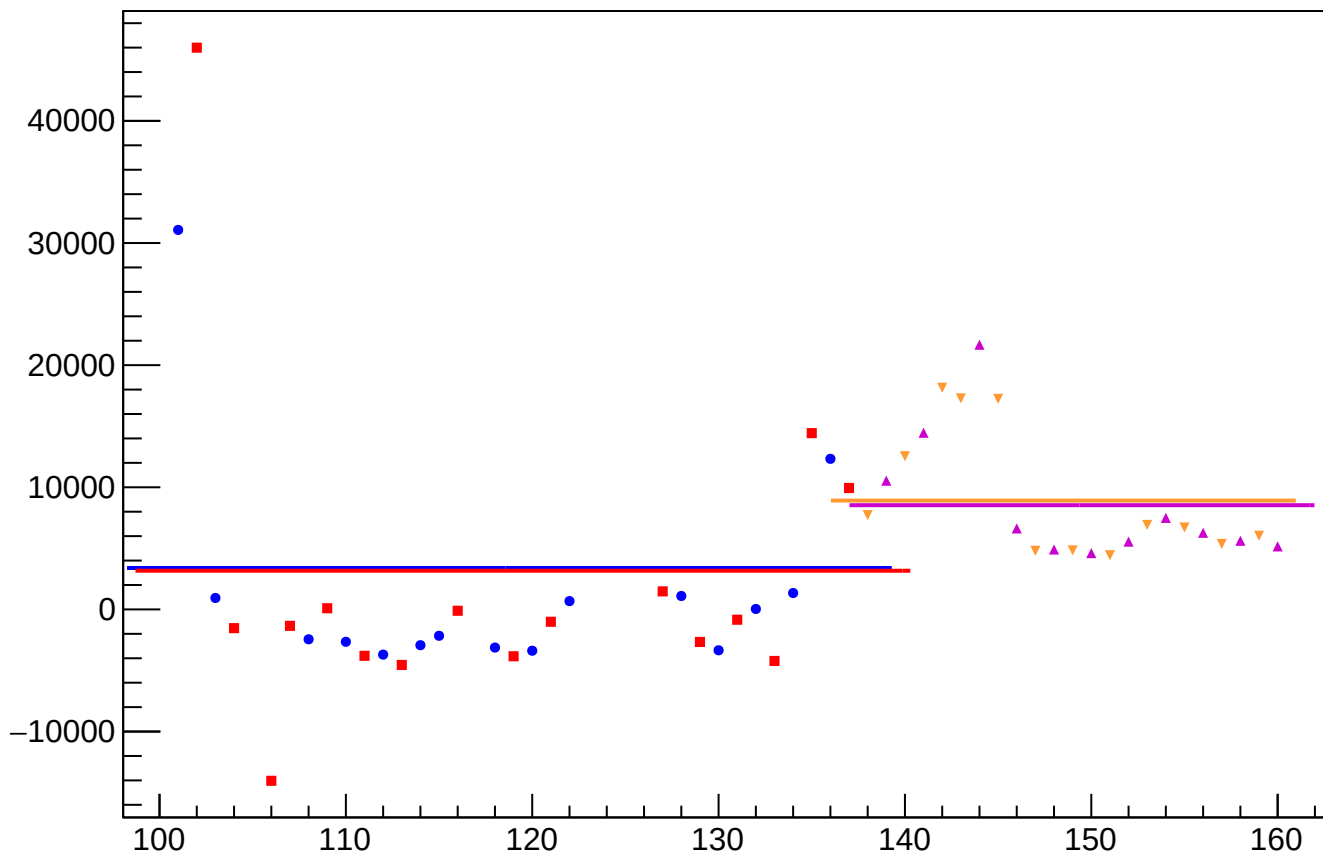
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

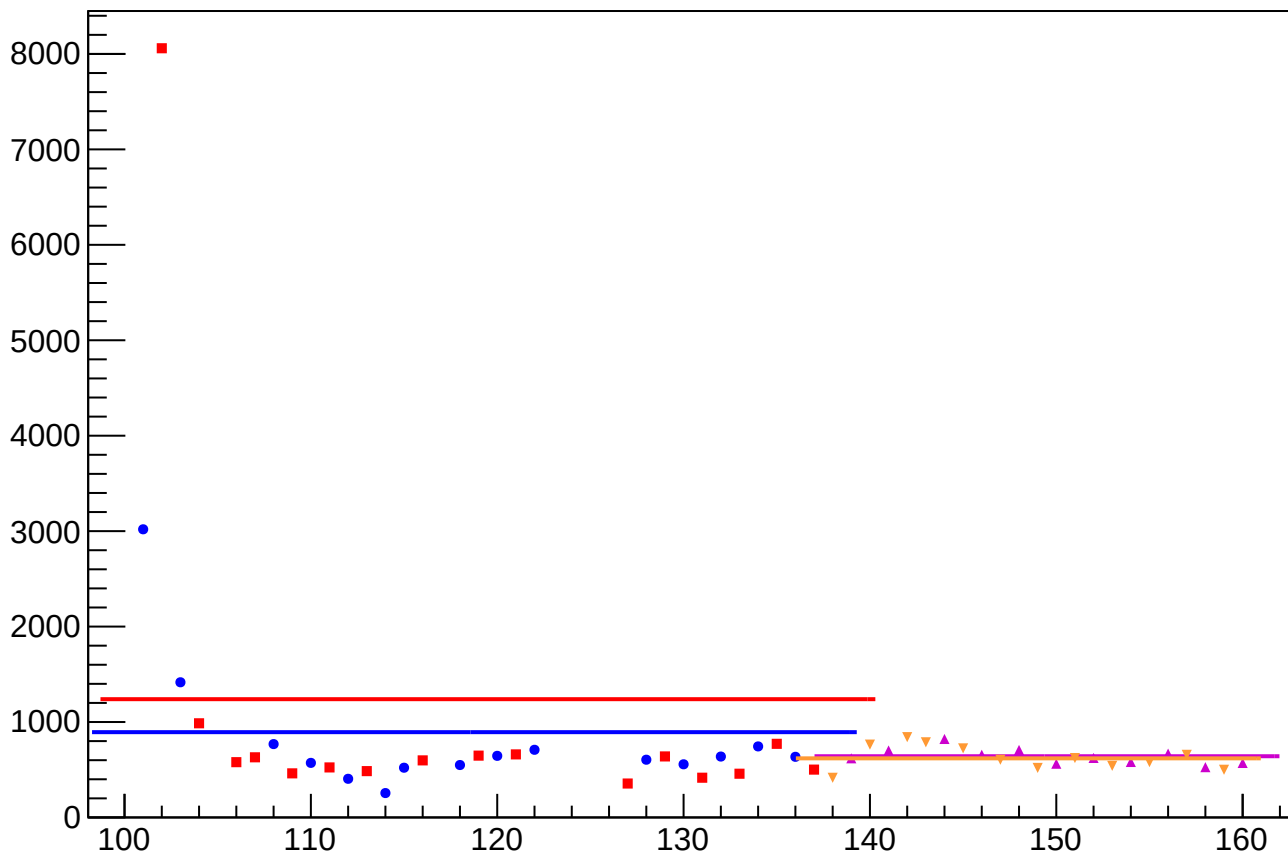
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 8912.459+/-0.000 χ^2/NDF : 22070544402646074284268231690805235941376.0/11
 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: 619.363+/-0.000 χ^2/NDF : 12743310597907802273598099300489887744.0/11

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

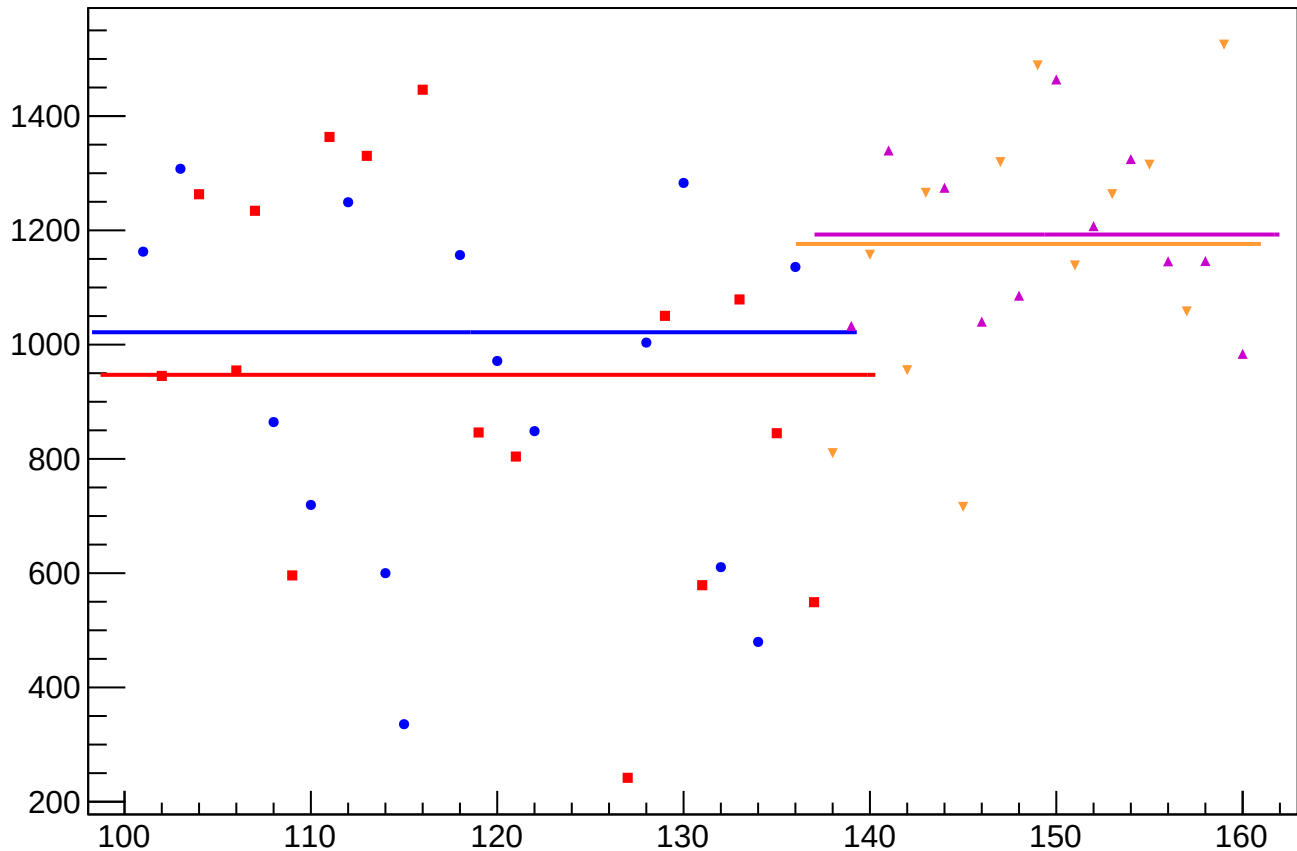
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 733.050+/-0.000 χ^2/NDF : 375925094146267

All: 813.210+/-0.000 χ^2/NDF : 351136718180

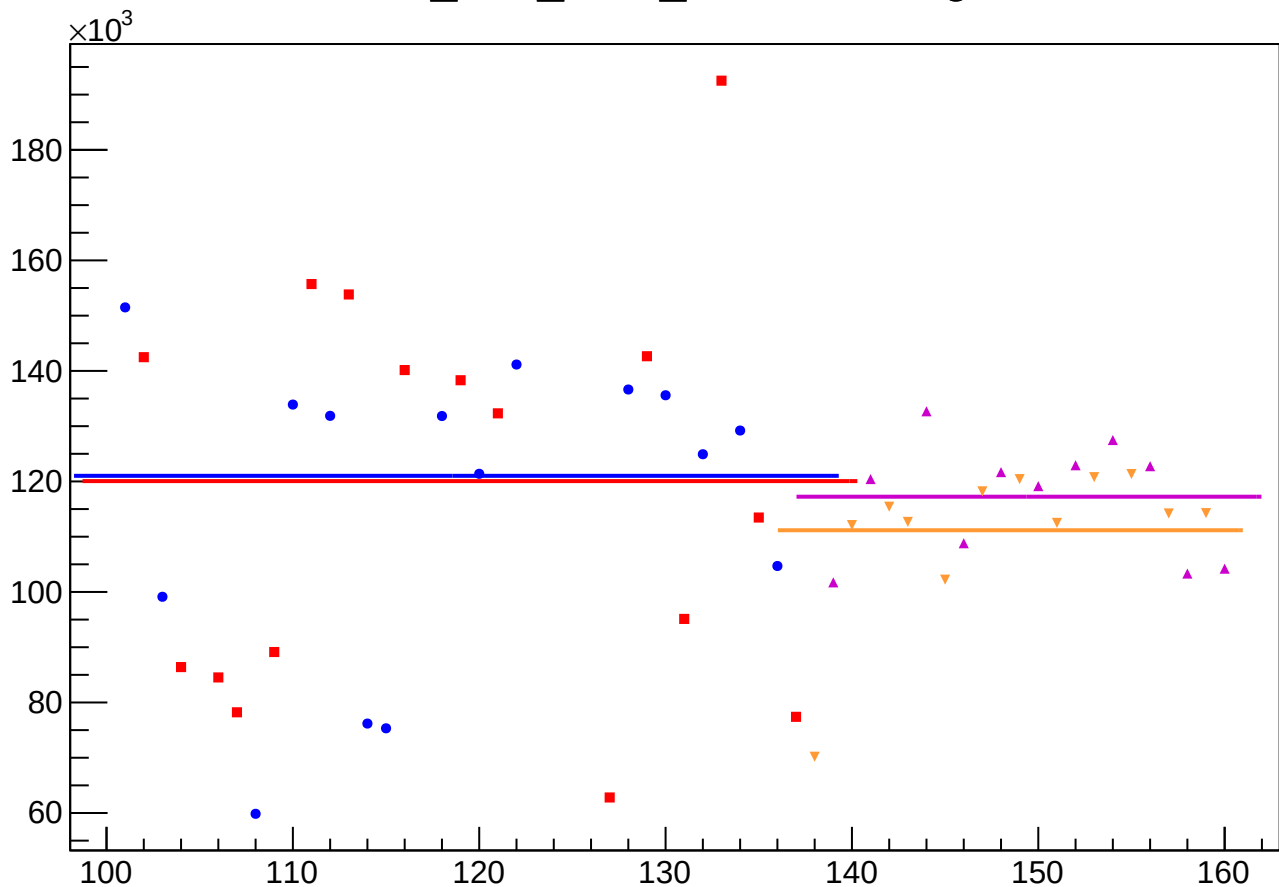
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



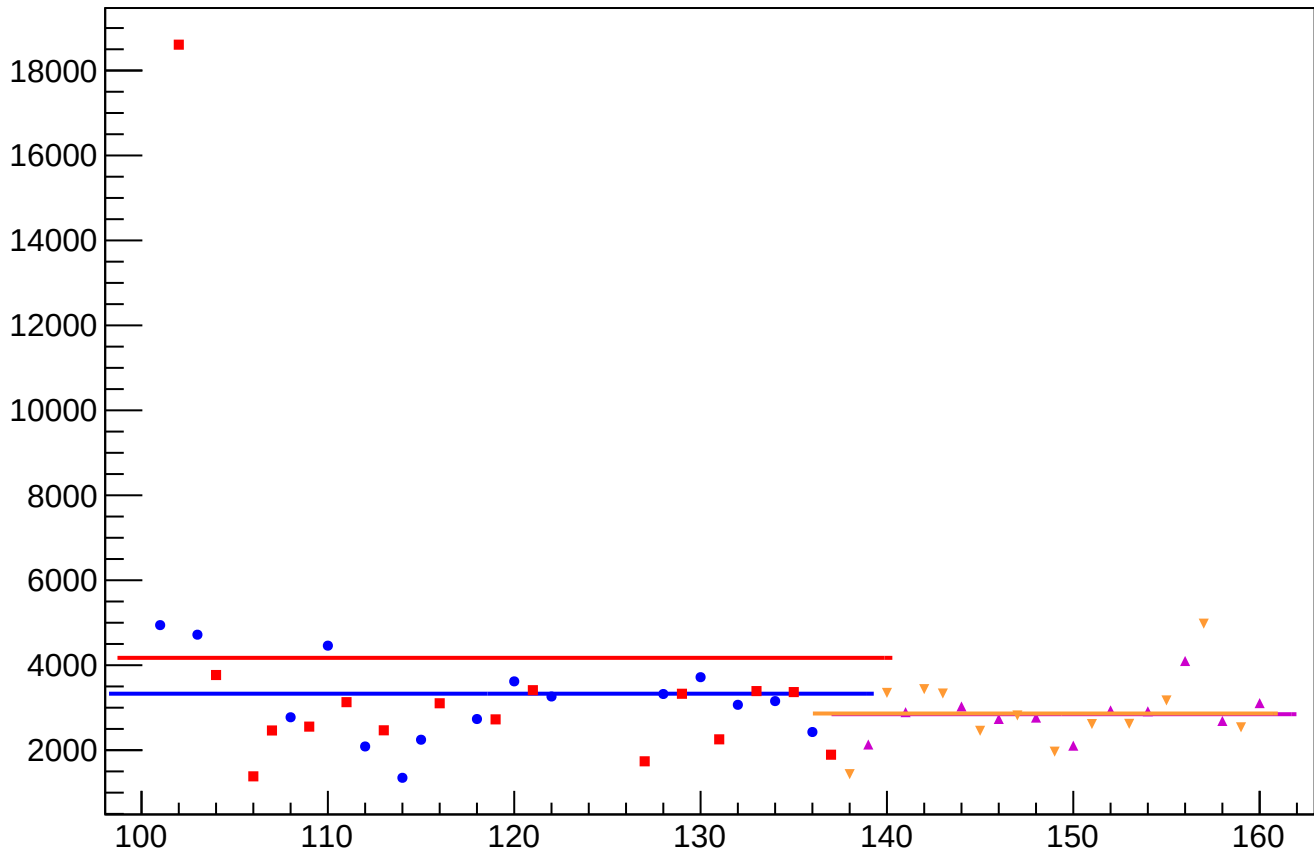
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1112.188+/-0.000	χ^2/NDF : 10292693819422
Left Out: 1176.242+/-0.000	χ^2/NDF : 53355525796592022882385023198883217408.0/11	All: 1100.879+/-0.000	χ^2/NDF : 21371922767
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

dit_atr2_coil7_mean vs Slug



Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 111166.801 $\pm$ 0.000 χ^2 /NDF: 167364192439388047212250461007969368670208.0/11
 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

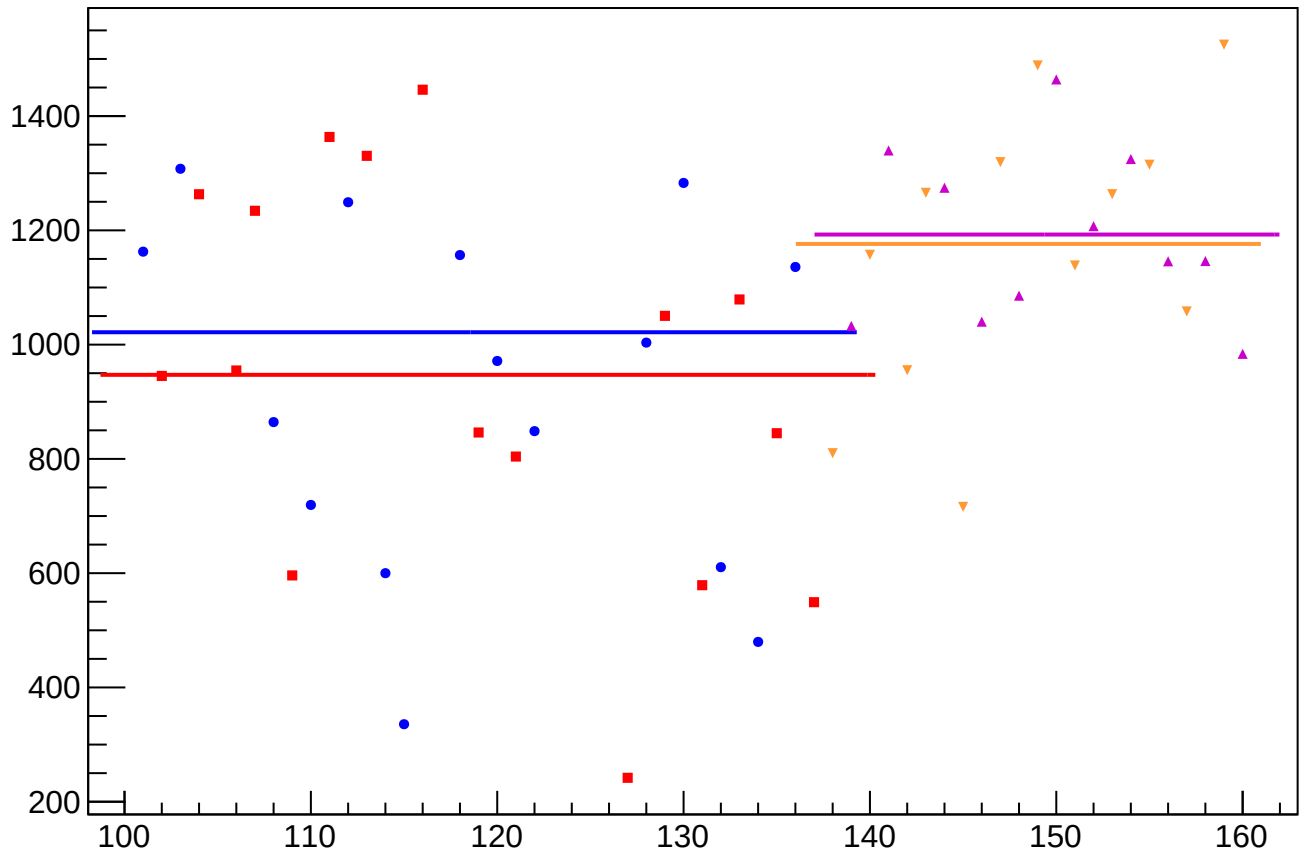
dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2863.169 $\pm$ 0.000 χ^2 /NDF: 668766817298044492245074854515224608768.0/11
 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

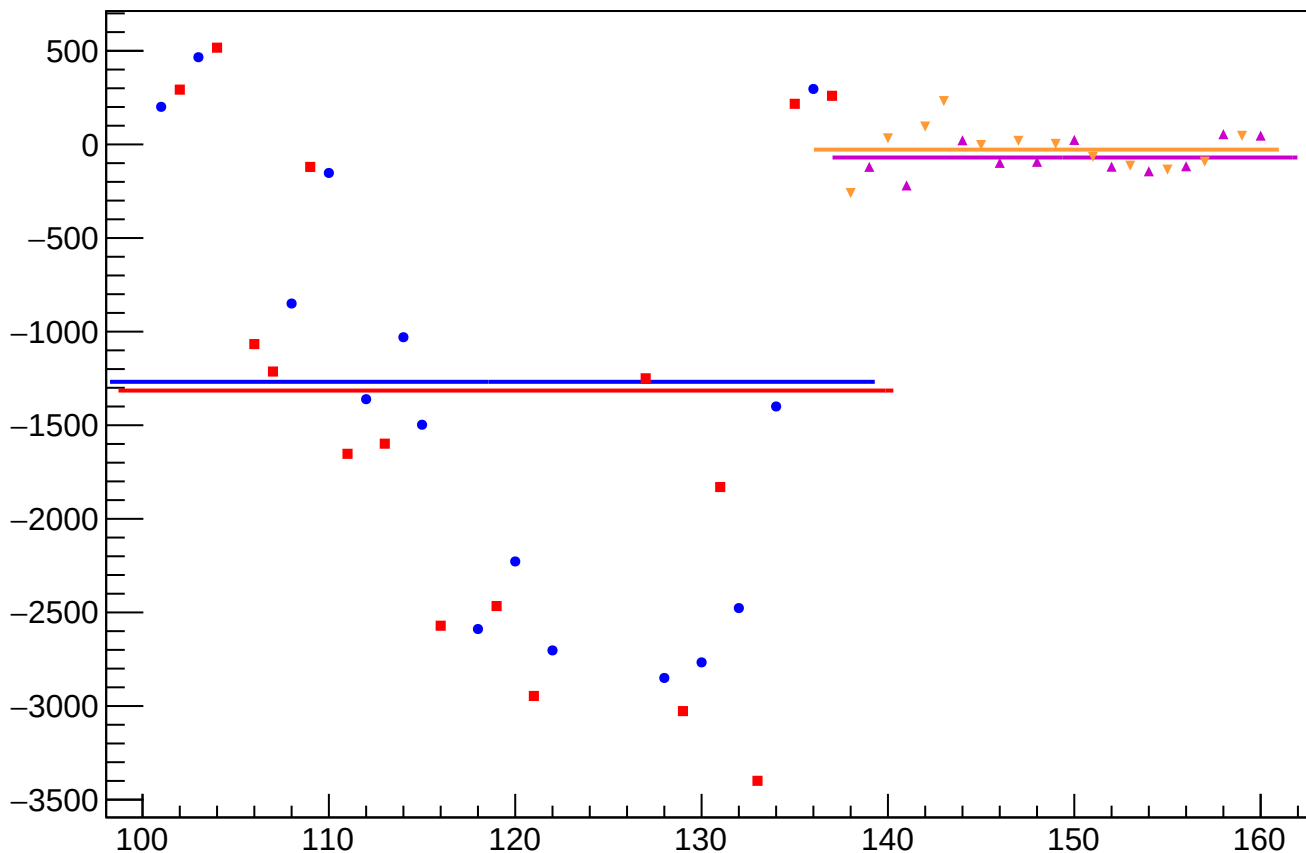
+ sign 3056.426 $\pm$ 0.000 χ^2 /NDF: 13184411361442
 All: 3230.999 $\pm$ 0.000 χ^2 /NDF: 15822950032
 - sign 3402.829 $\pm$ 0.000 χ^2 /NDF: 14409809055061

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 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

dit_sam1_coil7_mean vs Slug



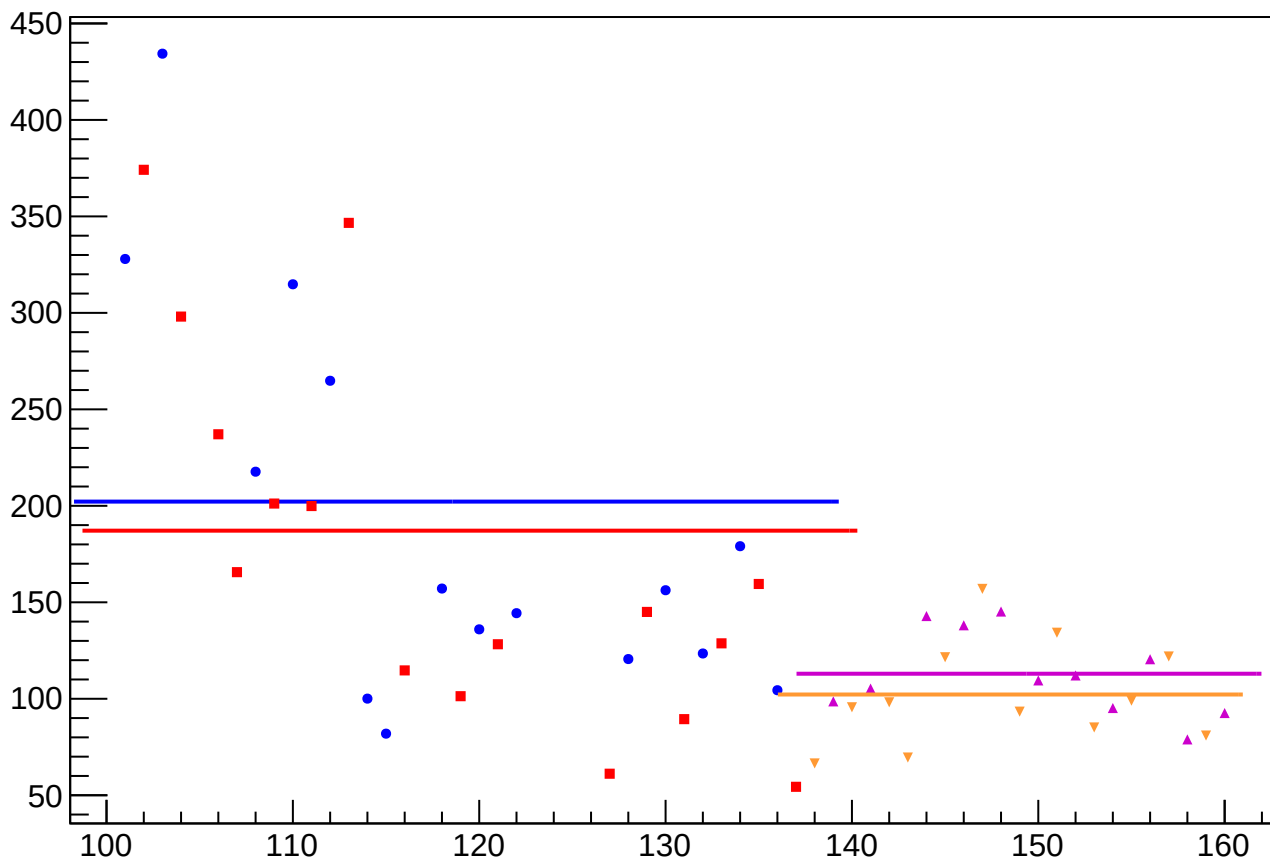
Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

+ sign -541.718+/-0.000 χ^2/NDF : 16894077125350
Left Out: -27.654+/-0.000 χ^2/NDF : 12404131617036288818573632516917297152.0/11

All: -566.948+/-0.000 χ^2/NDF : 33970738574
Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

- sign -591.782+/-0.000 χ^2/NDF : 170568806832735
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: 102.211 $\pm$ 0.000 χ^2 /NDF: 617349982651654313498458631453016064.0/11

Right Out: 187.126 $\pm$ 0.000 χ^2 /NDF: 6230029491605524746936515809941389312.0/15

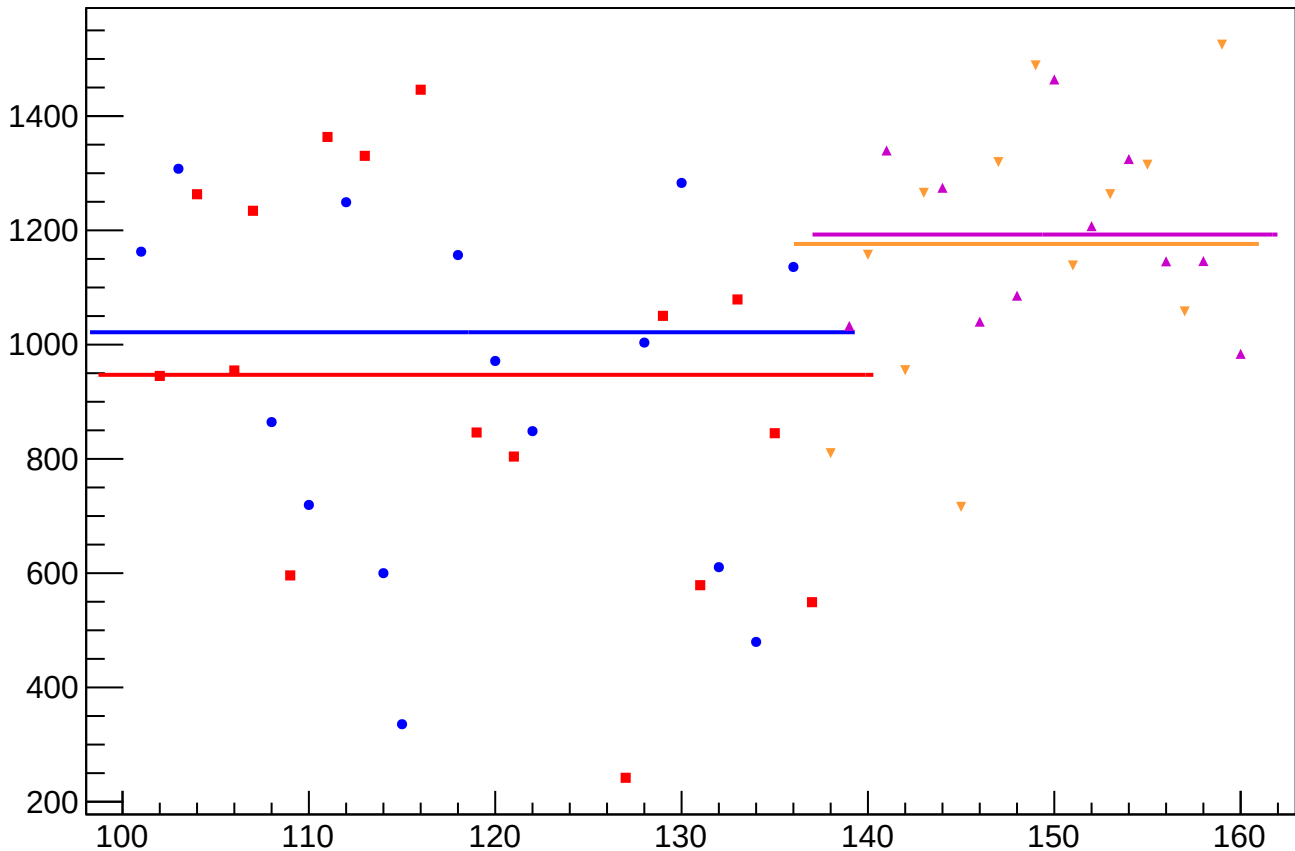
Left In: 112.981 $\pm$ 0.000 χ^2 /NDF: 399082569166702797505998561799569408.0/10

+ sign 143.646 $\pm$ 0.000 χ^2 /NDF: 114440760944396

All: 143.857 $\pm$ 0.000 χ^2 /NDF: 202028588615

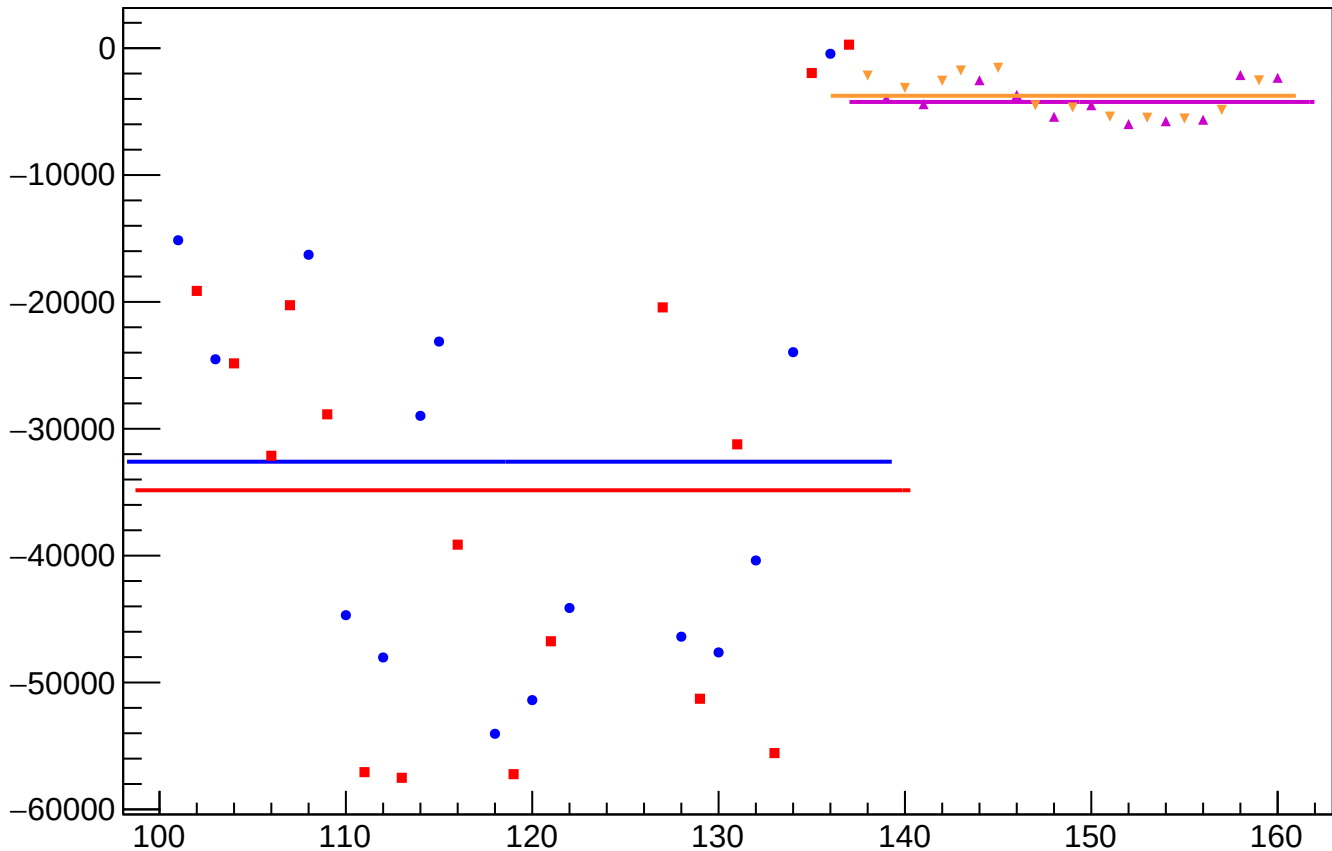
- sign 144.065 $\pm$ 0.000 χ^2 /NDF: 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



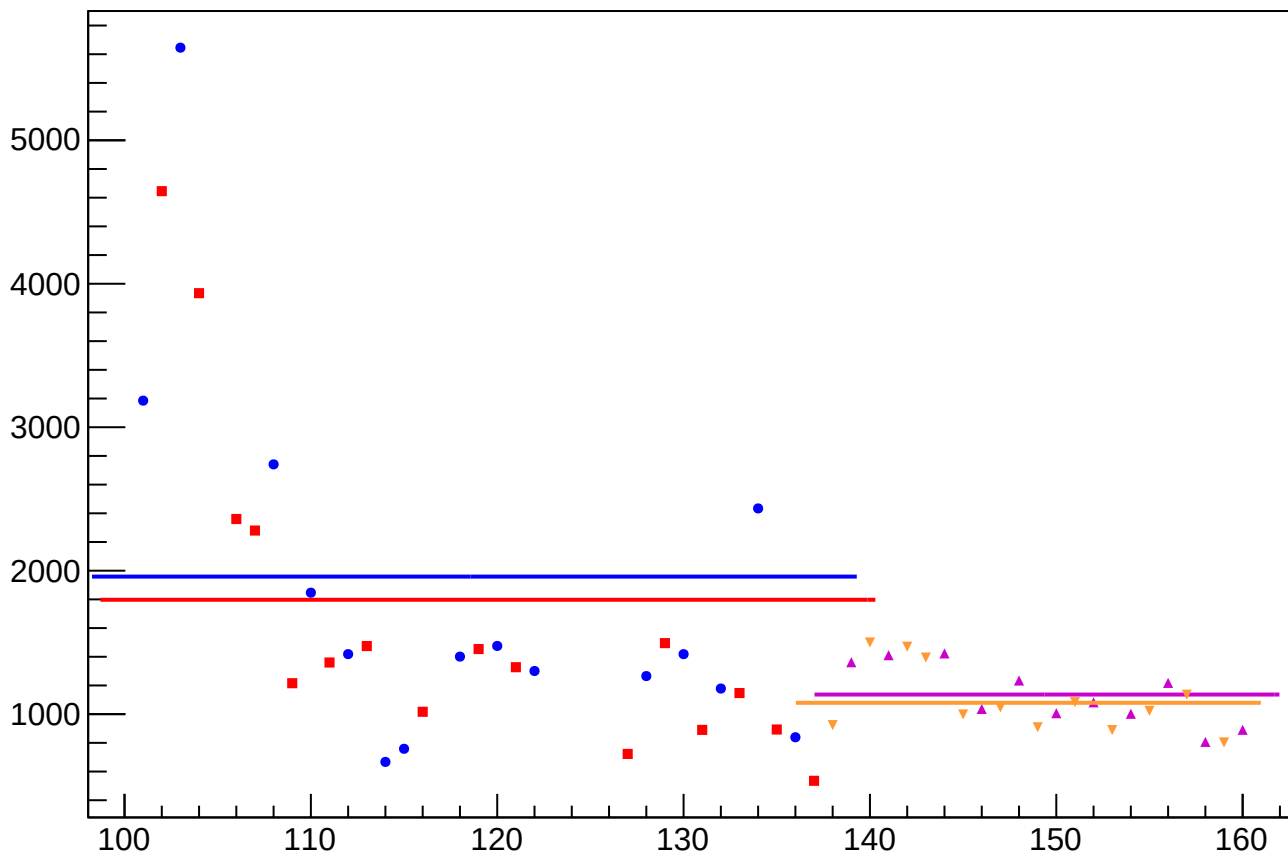
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam2_coil7_mean vs Slug



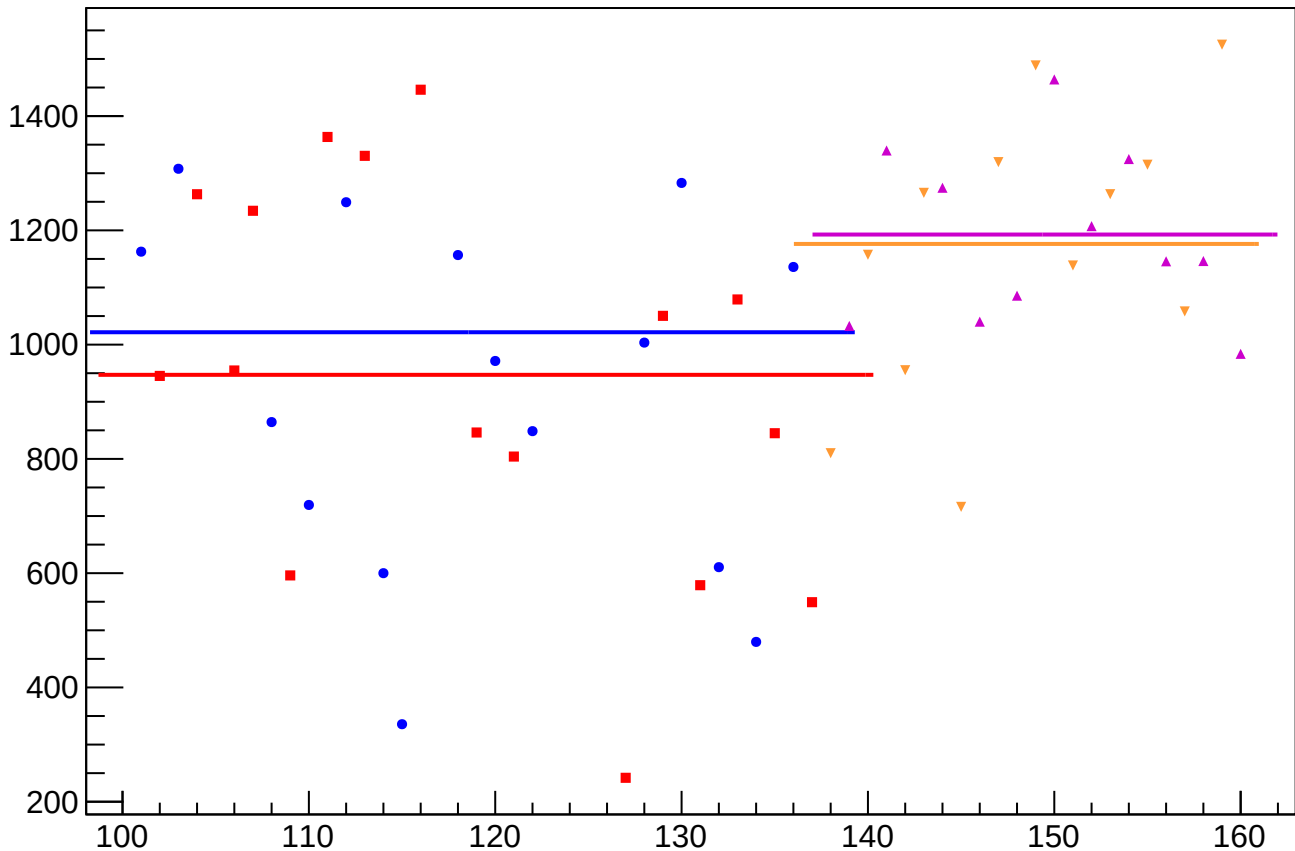
Right In: -32594.962 ± 0.000 $\chi^2/\text{NDF}: 209150369207000564489724529020922520141824.0/14$
 Left In: -4238.758 ± 0.000 $\chi^2/\text{NDF}: 1676258877466067471746283067125033598976.0/10$
 Right Out: -34848.046 ± 0.000 $\chi^2/\text{NDF}: 221127702024811719232559434097324967591936.0/15$
 Left Out: -3752.448 ± 0.000 $\chi^2/\text{NDF}: 2004018922397864512506251751982968602624.0/11$
 All: -16393.850 ± 0.000 $\chi^2/\text{NDF}: 111451580$
 + sign: -15705.699 ± 0.000 $\chi^2/\text{NDF}: 527300976753$
 - sign: -17071.187 ± 0.000 $\chi^2/\text{NDF}: 5857433226583$

dit_sam2_coil7_err_mean vs Slug



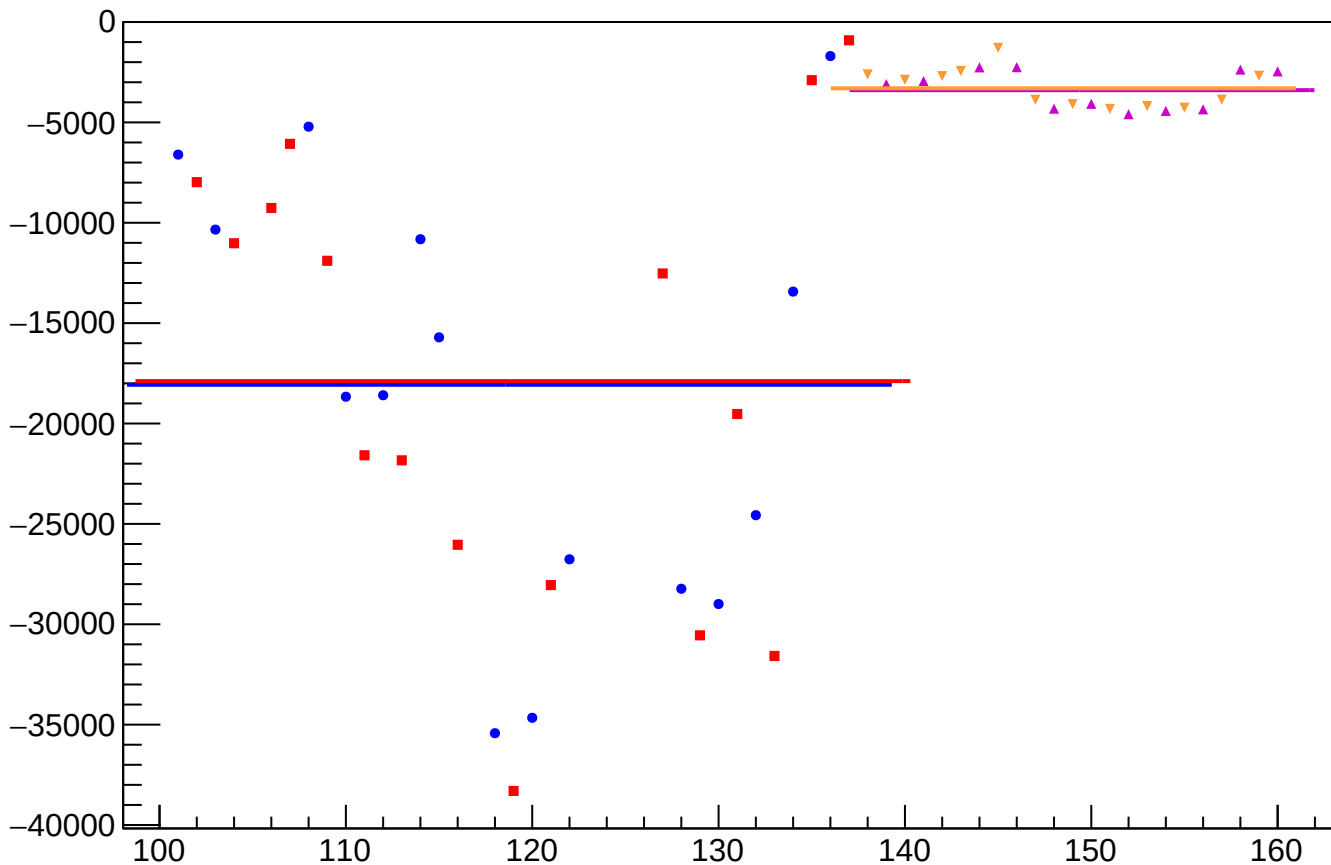
Right In: 1958.835 ± 0.000 $\chi^2/\text{NDF}: 1189322999631358431600643692981190131712.0/14$
 Left Out: 1079.227 ± 0.000 $\chi^2/\text{NDF}: 42839458661255724609894406058462412800.0/11$
 Right Out: 1797.392 ± 0.000 $\chi^2/\text{NDF}: 955096623879958195657195074614240215040.0/15$
 Left In: 1136.738 ± 0.000 $\chi^2/\text{NDF}: 36660640388160233770492299797174681600.0/10$

dit_sam2_coil7_Ndata_mean vs Slug



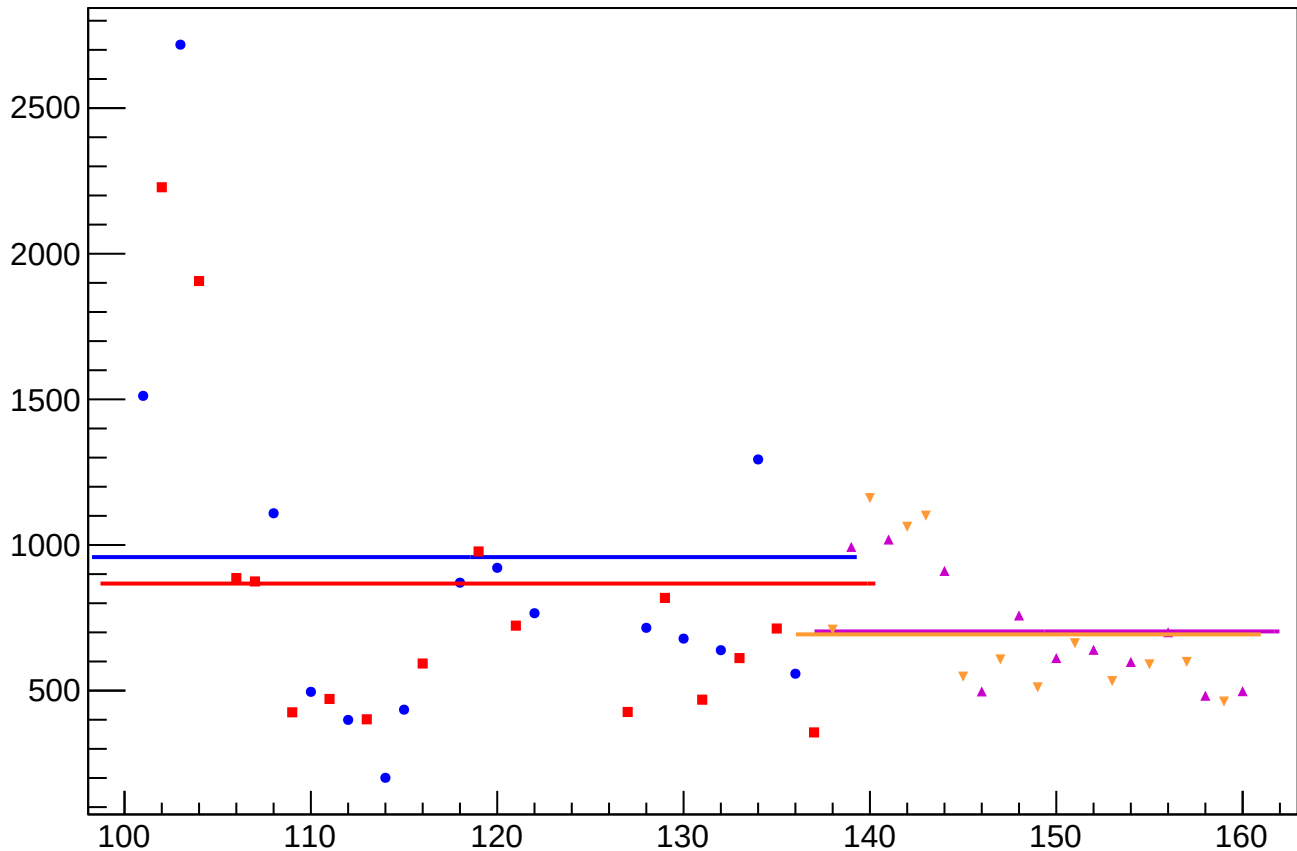
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam3_coil7_mean vs Slug



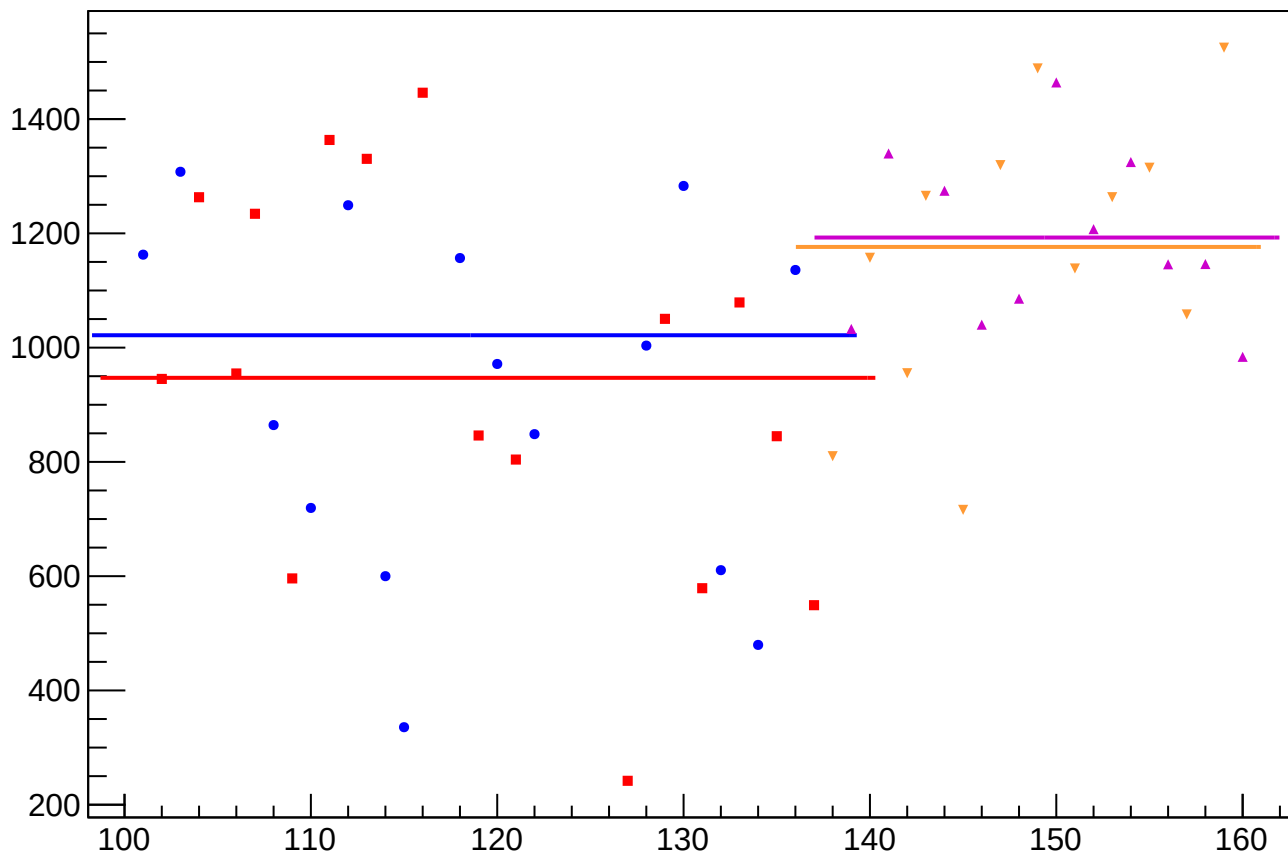
Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3301.165+/-0.000 χ^2/NDF : 804572006868088518224503479729974673408.0/11
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -3394.339+/-0.000 χ^2/NDF : 804969095824057391704293669390893711360.0/10
 All: -9446.127+/-0.000 χ^2/NDF : 3285809924
 + sign -9421.237+/-0.000 χ^2/NDF : 1679928582354
 - sign -9470.625+/-0.000 χ^2/NDF : 1605862092635

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000	χ^2/NDF : 264733105058522822278137197070739570688.0/14	+ sign 803.042+/-0.000	χ^2/NDF : 340002051465398
Left Out: 693.081+/-0.000	χ^2/NDF : 48514734468503708126538641267241254912.0/11	All: 787.437+/-0.000	χ^2/NDF : 599394746254
Right Out: 867.538+/-0.000	χ^2/NDF : 216129851545166714122252317604488151040.0/15	- sign 772.078+/-0.000	χ^2/NDF : 258636009193620
Left In: 703.169+/-0.000	χ^2/NDF : 32040531861451426969939944767733366784.0/10		

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

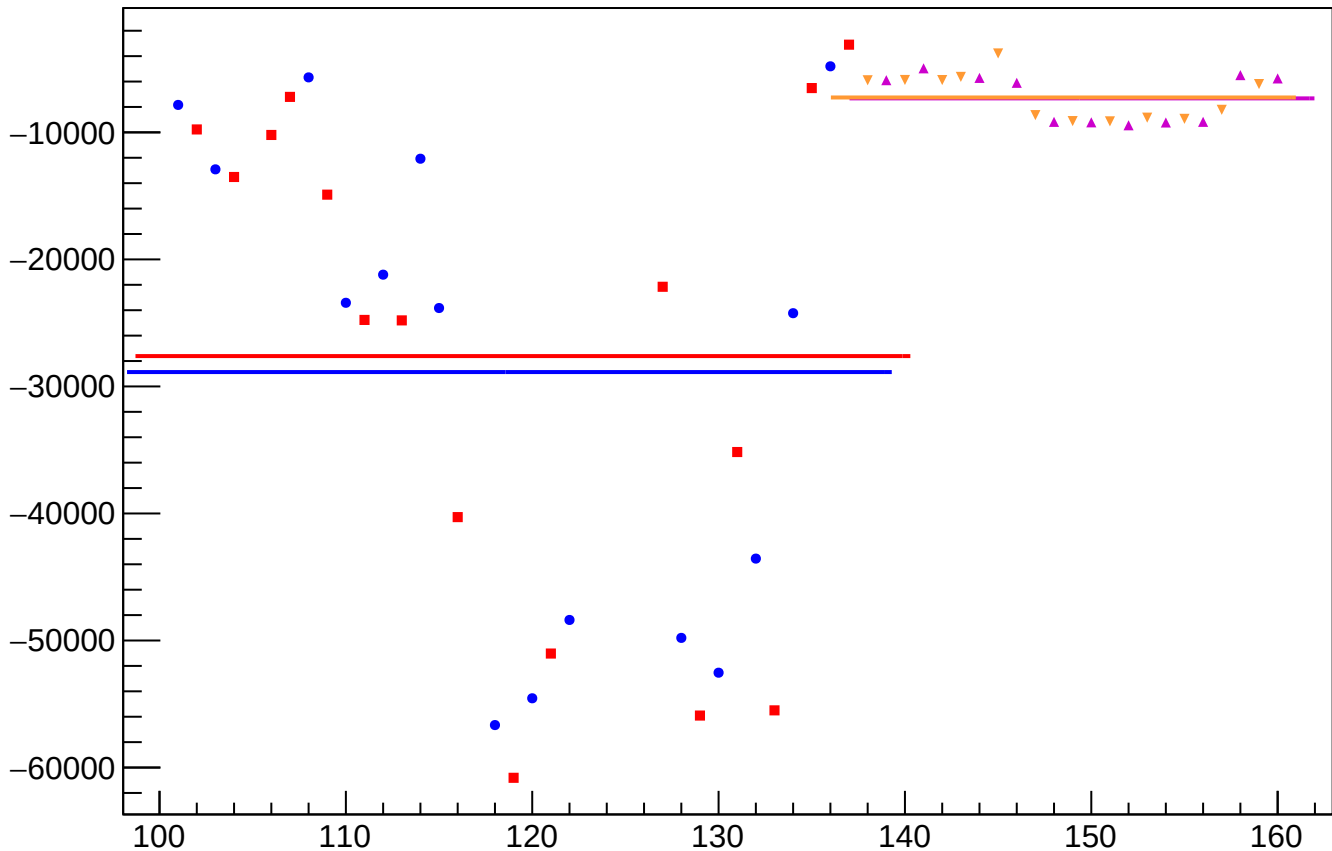
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

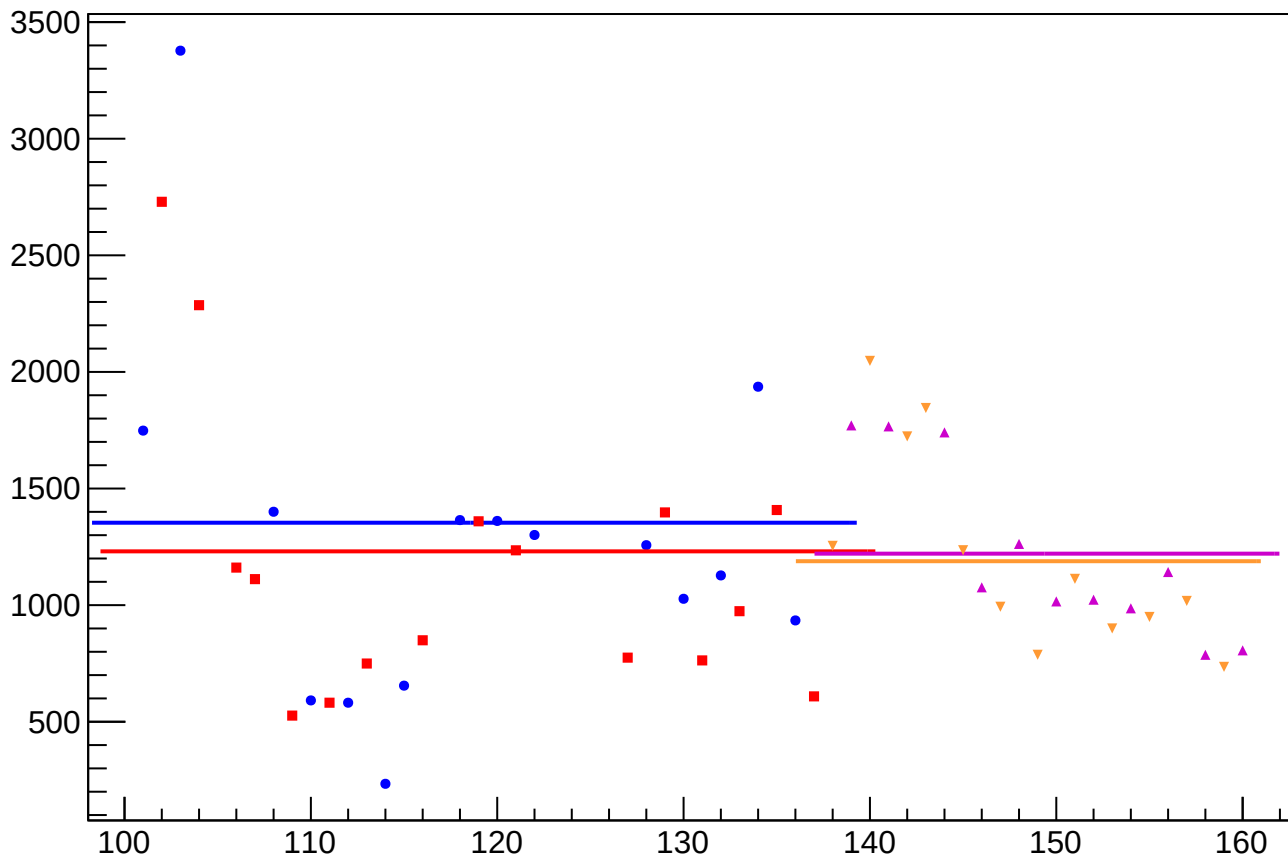
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7254.077+/-0.000 χ^2/NDF : 2852558880492321663467062466027223777280.0/11
 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: 1188.374+/-0.000 χ^2/NDF : 150388636614326916750918220287509004288.0/11

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

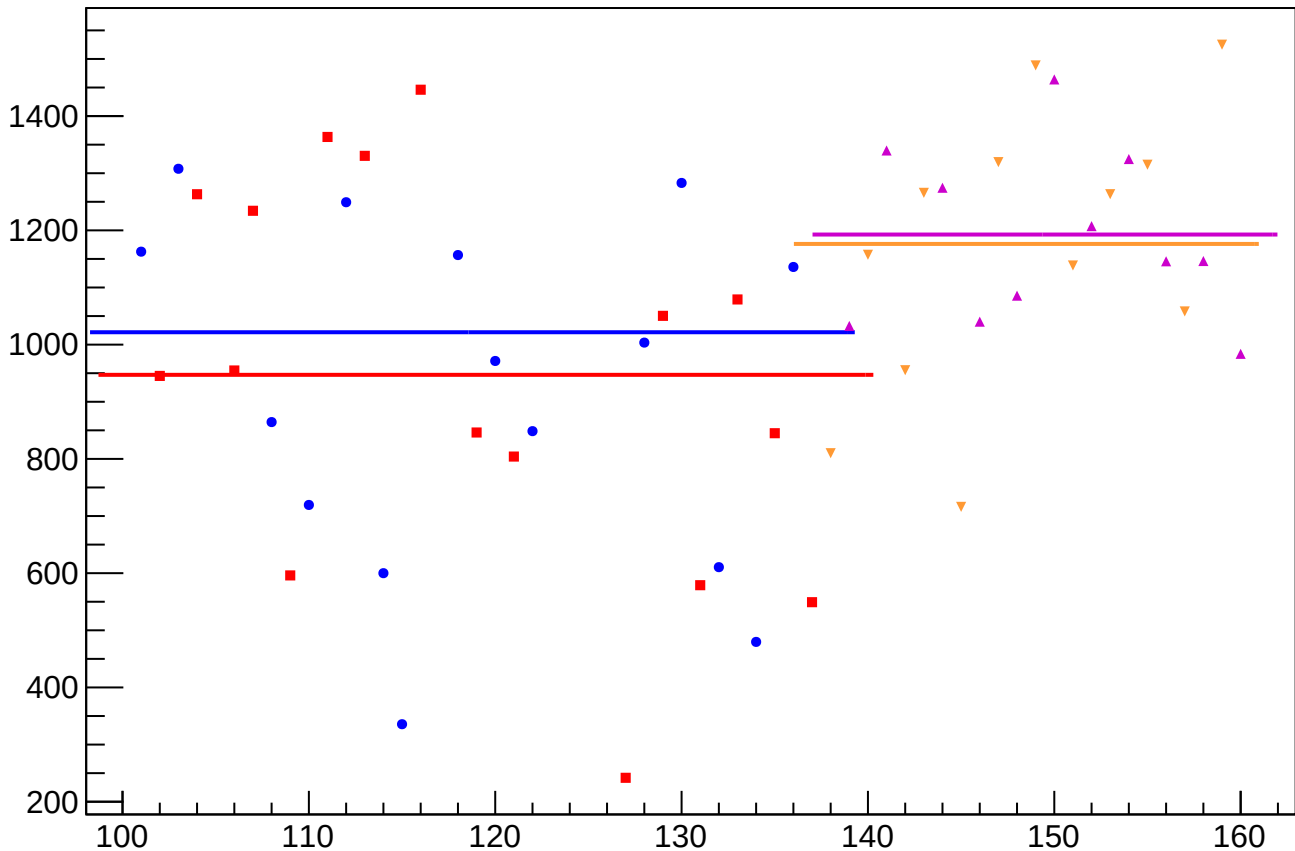
Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

+ sign 1256.772+/-0.000 χ^2/NDF : 51362789926626

All: 1240.709+/-0.000 χ^2/NDF : 90775370233

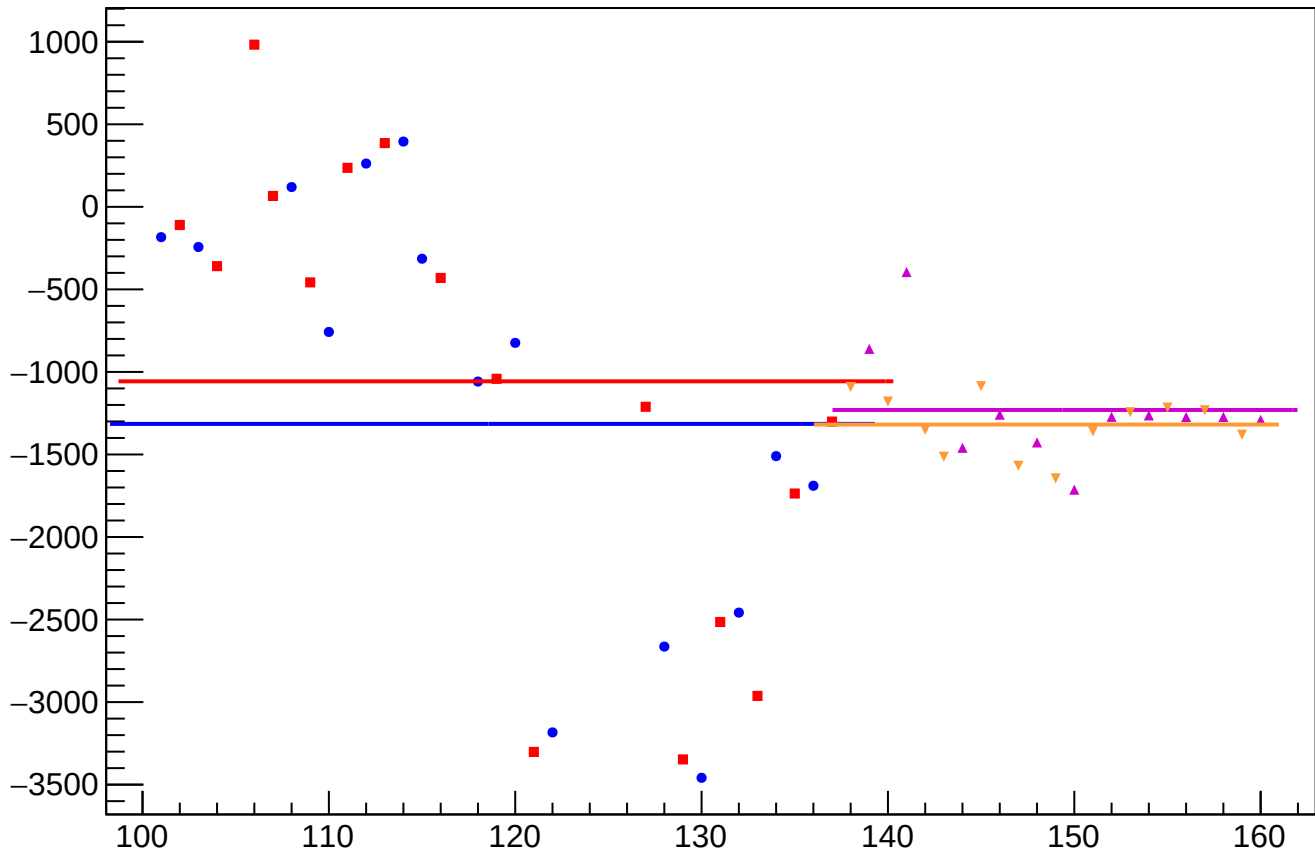
- sign 1224.899+/-0.000 χ^2/NDF : 39332410450392

dit_sam4_coil7_Ndata_mean vs Slug



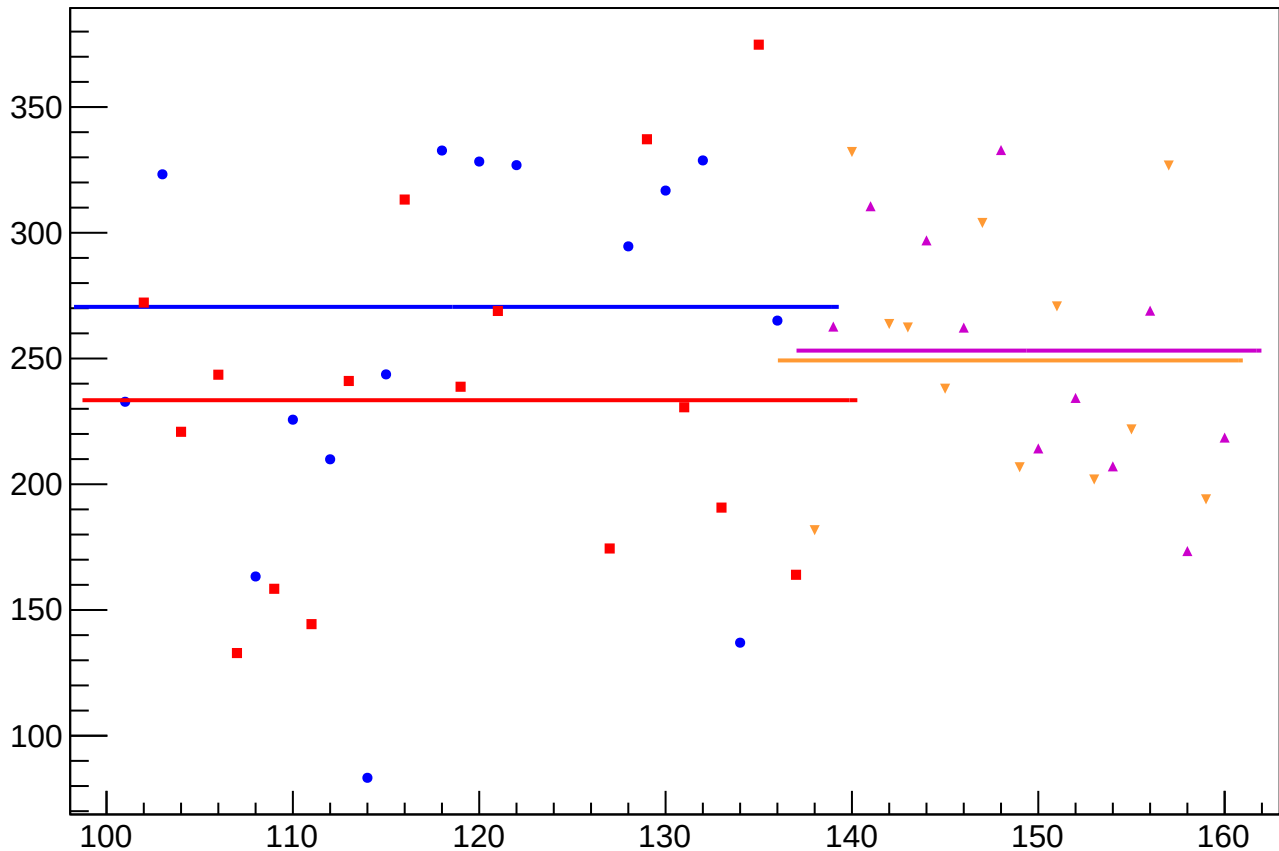
Right In: 1021.684 $\pm$ 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10
 All: 1100.879 $\pm$ 0.000 χ^2/NDF : 21371922767
 + sign 1112.188 $\pm$ 0.000 χ^2/NDF : 10292693819422
 - sign 1089.748 $\pm$ 0.000 χ^2/NDF : 11039486982366

dit_sam5_coil7_mean vs Slug



Right In: -1314.782 ± 0.000 $\chi^2/\text{NDF}: 966082368518203481544021644405645508608.0/14$
 Left Out: -1318.814 ± 0.000 $\chi^2/\text{NDF}: 28738856775554340954745144784441049088.0/11$
 Right Out: -1056.765 ± 0.000 $\chi^2/\text{NDF}: 1127141594187417021949832477353286041600.0/15$
 Left In: -1230.430 ± 0.000 $\chi^2/\text{NDF}: 100431691068850056086409132460520505344.0/10$

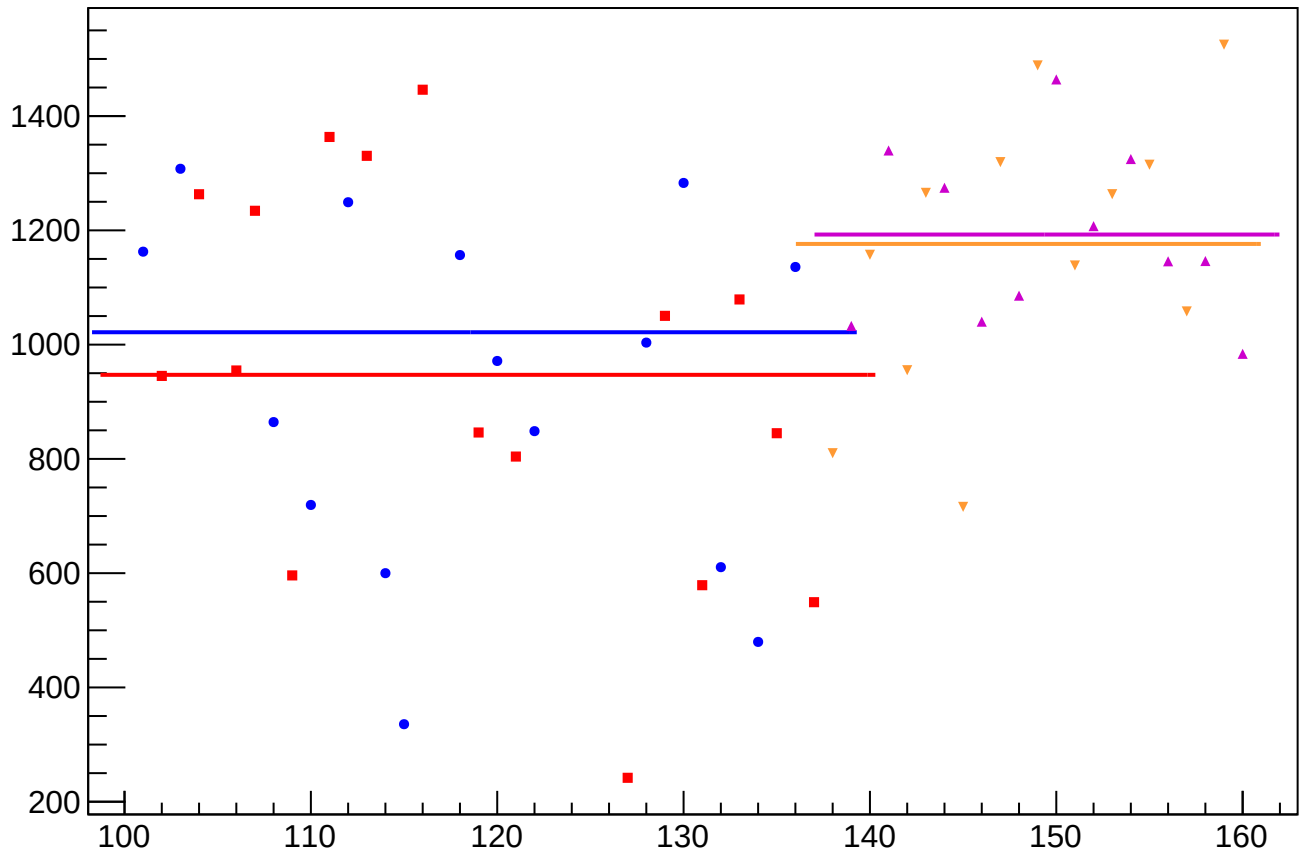
dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14
Left Out: 249.237+/-0.000	χ^2/NDF : 2339906474360292493064044354333573120.0/11
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15
Left In: 253.145+/-0.000	χ^2/NDF : 1980196841930298045035907903943344128.0/10

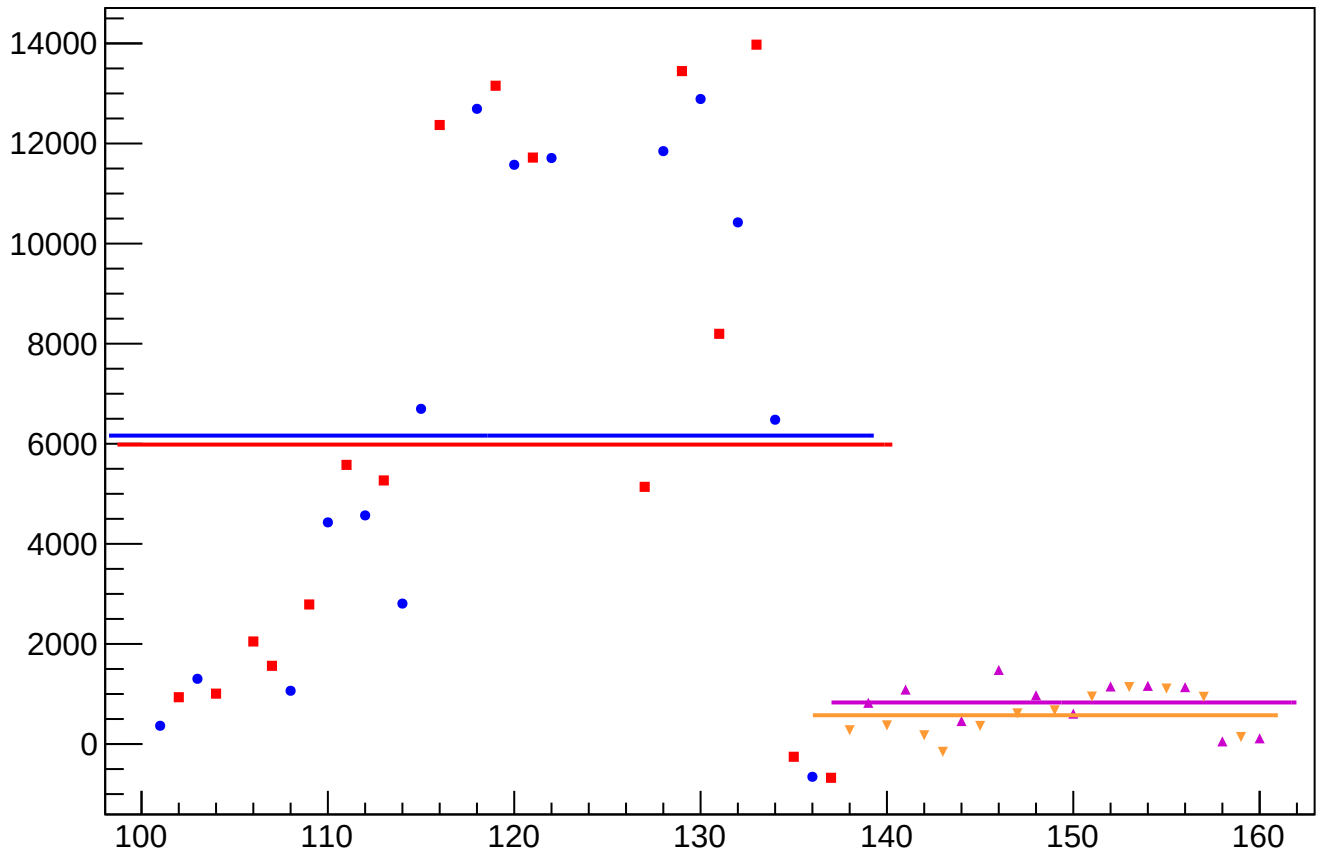
+ sign 258.065+/-0.000 χ^2/NDF : 498617836977836
 All: 251.418+/-0.000 χ^2/NDF : 103028886736
 - sign 244.876+/-0.000 χ^2/NDF : 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug



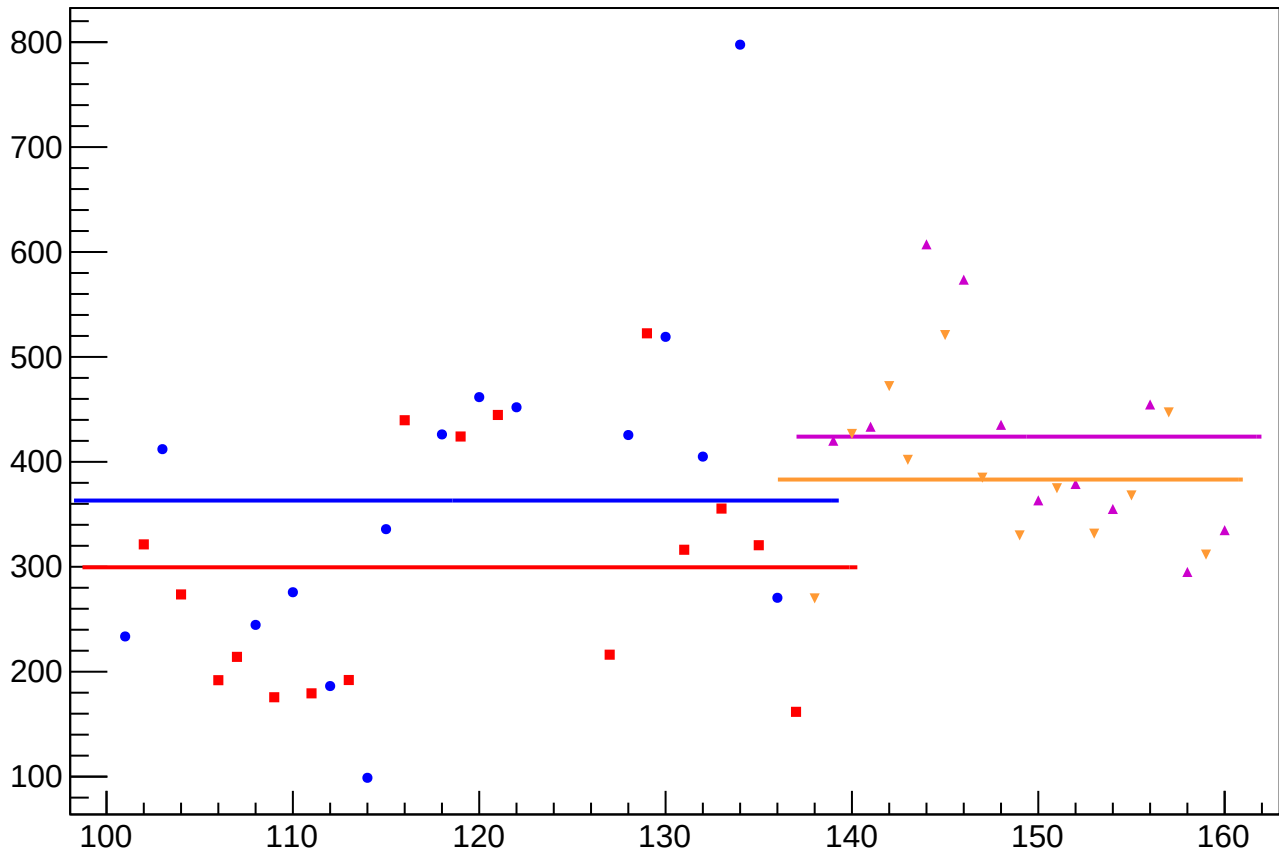
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 575.396+/-0.000 χ^2/NDF : 144552913228066781625188443355564998656.0/11
 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: 383.139+/-0.000 χ^2/NDF : 4300109581526268747828208718091124736.0/11

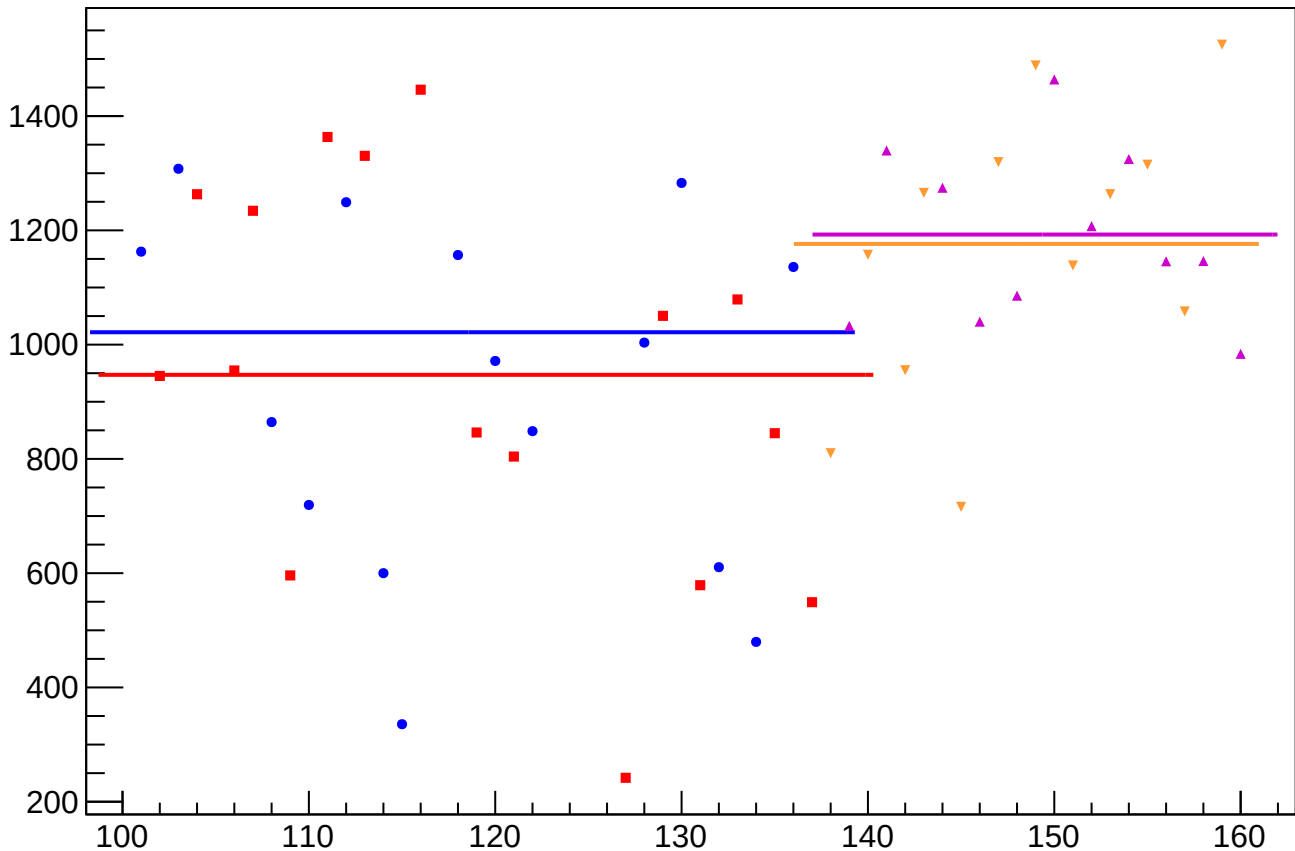
Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

Left In: 424.034+/-0.000 χ^2/NDF : 7812894231718086106241094868881375232.0/10

All: 373.328+/-0.000 χ^2/NDF : 374668009648

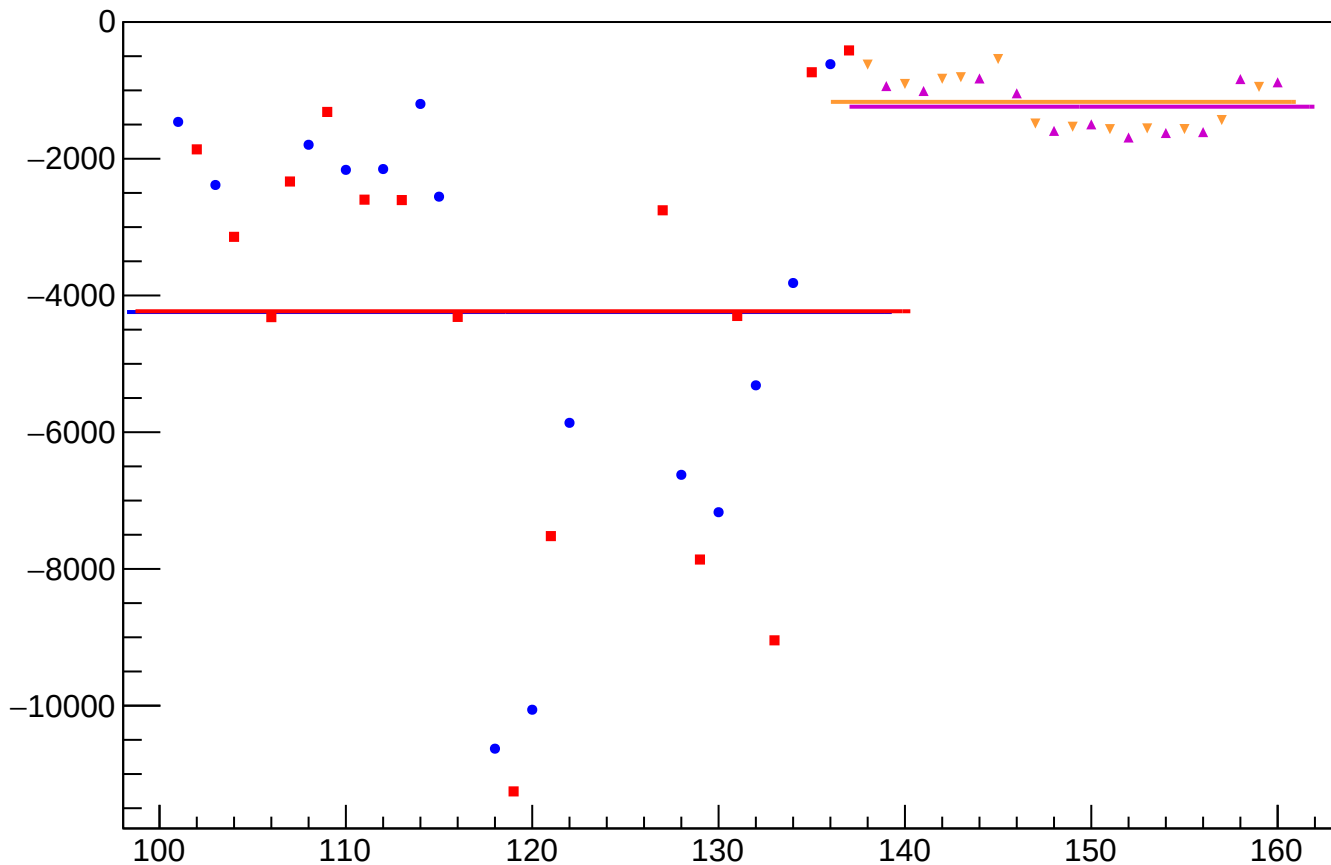
- sign 371.831+/-0.000 χ^2/NDF : 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 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

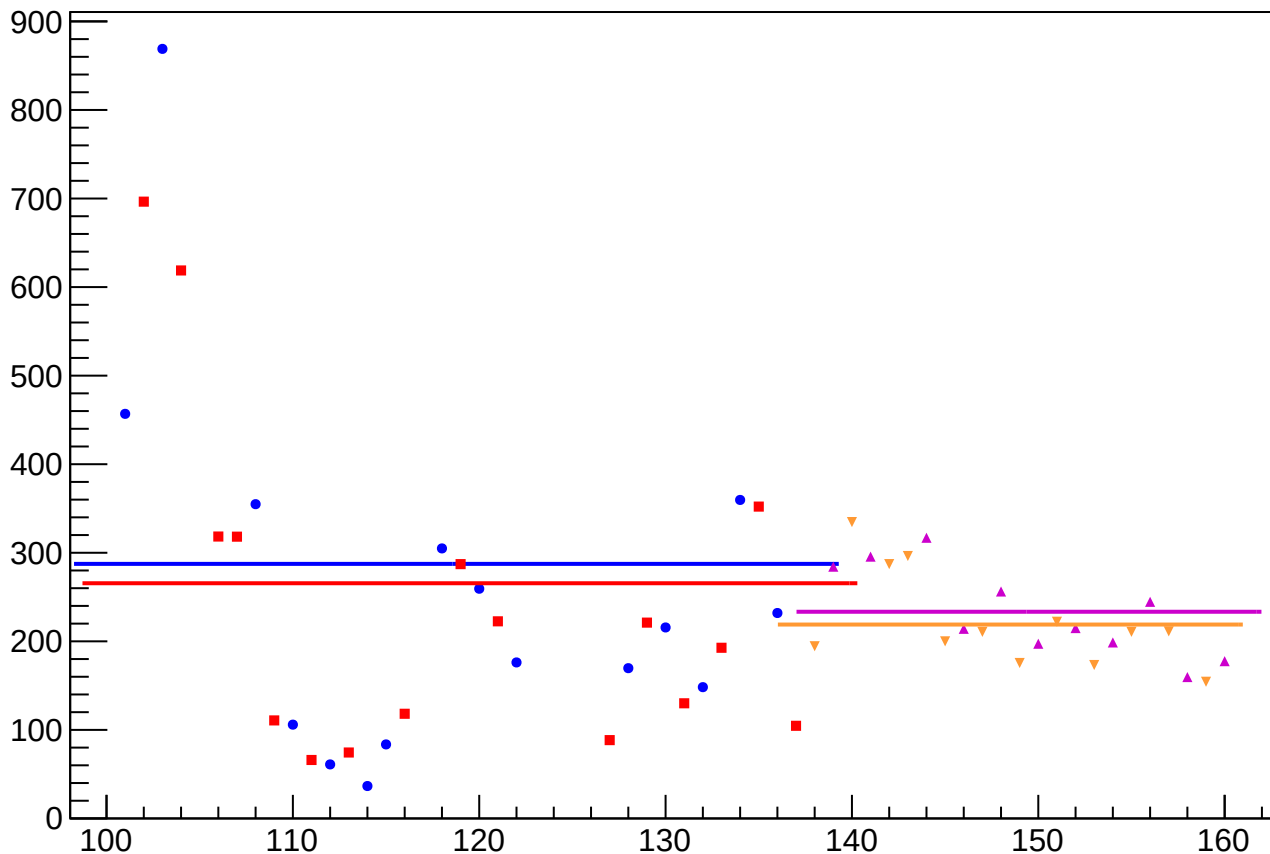
dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000	χ^2/NDF : 6783472272174151371145601081742110752768.0/14
Left Out: -1167.950+/-0.000	χ^2/NDF : 140593267041981181070281289588583432192.0/11
Right Out: -4230.978+/-0.000	χ^2/NDF : 6682409528103016752204343573740930465792.0/15
Left In: -1238.776+/-0.000	χ^2/NDF : 111339045659652616720712870833504124928.0/10

+ sign -2442.006+/-0.000 χ^2/NDF : 1051571012116
 All: -2467.809+/-0.000 χ^2/NDF : 2077977002
 - sign -2493.207+/-0.000 χ^2/NDF : 10261991032463

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

+ sign 247.344+/-0.000 χ^2/NDF : 337758050005505

Left Out: 218.953+/-0.000 χ^2/NDF : 2475213997163419950481199473566416896.0/11

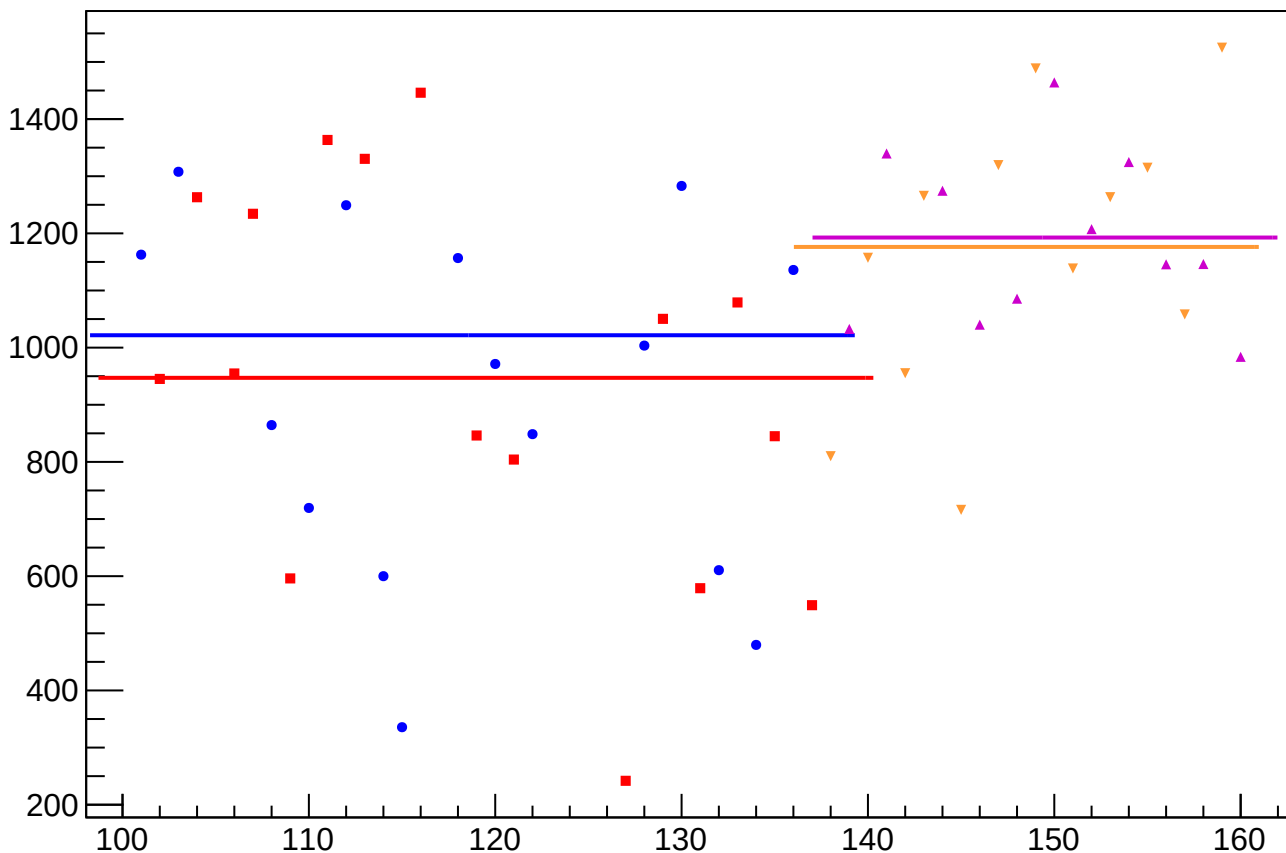
All: 247.118+/-0.000 χ^2/NDF : 621921047324

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

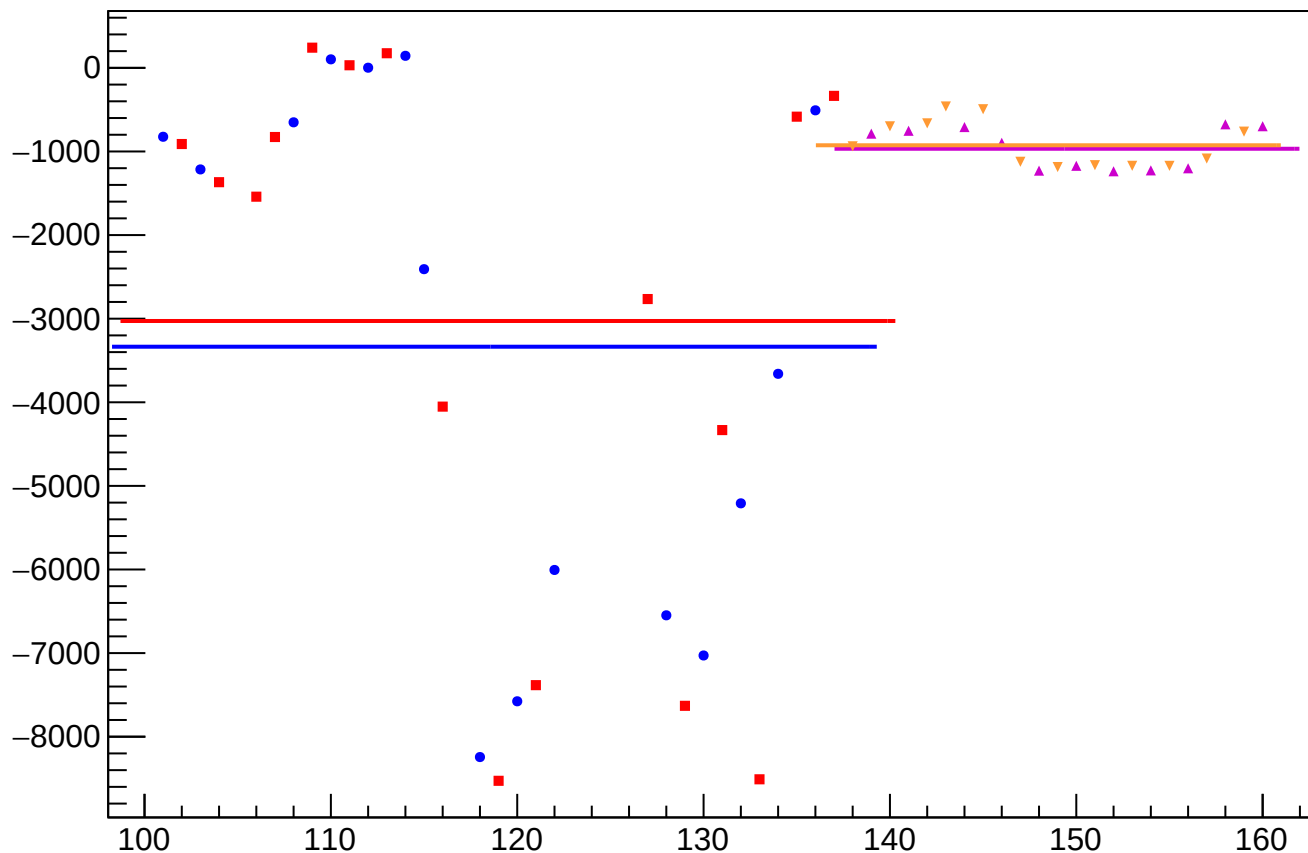
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

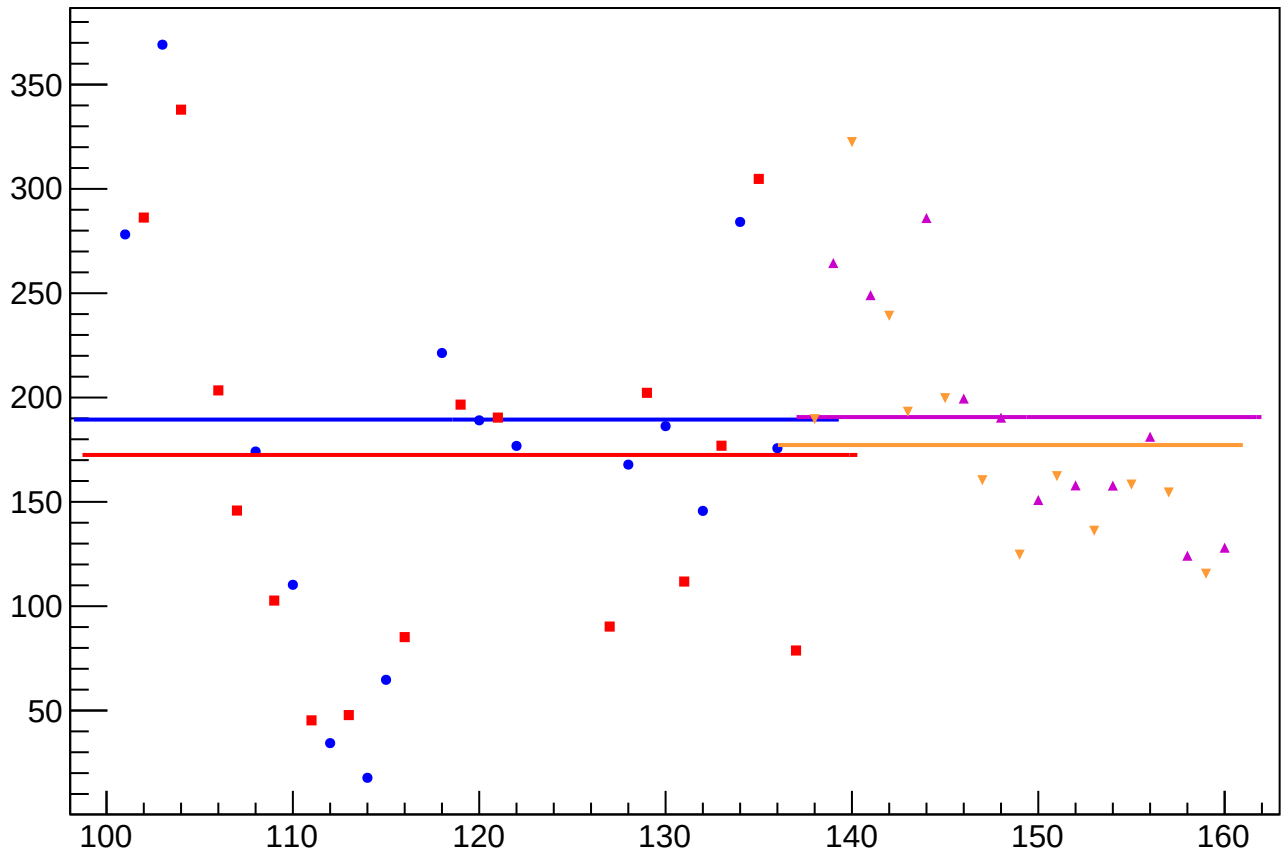
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam8_coil7_mean vs Slug



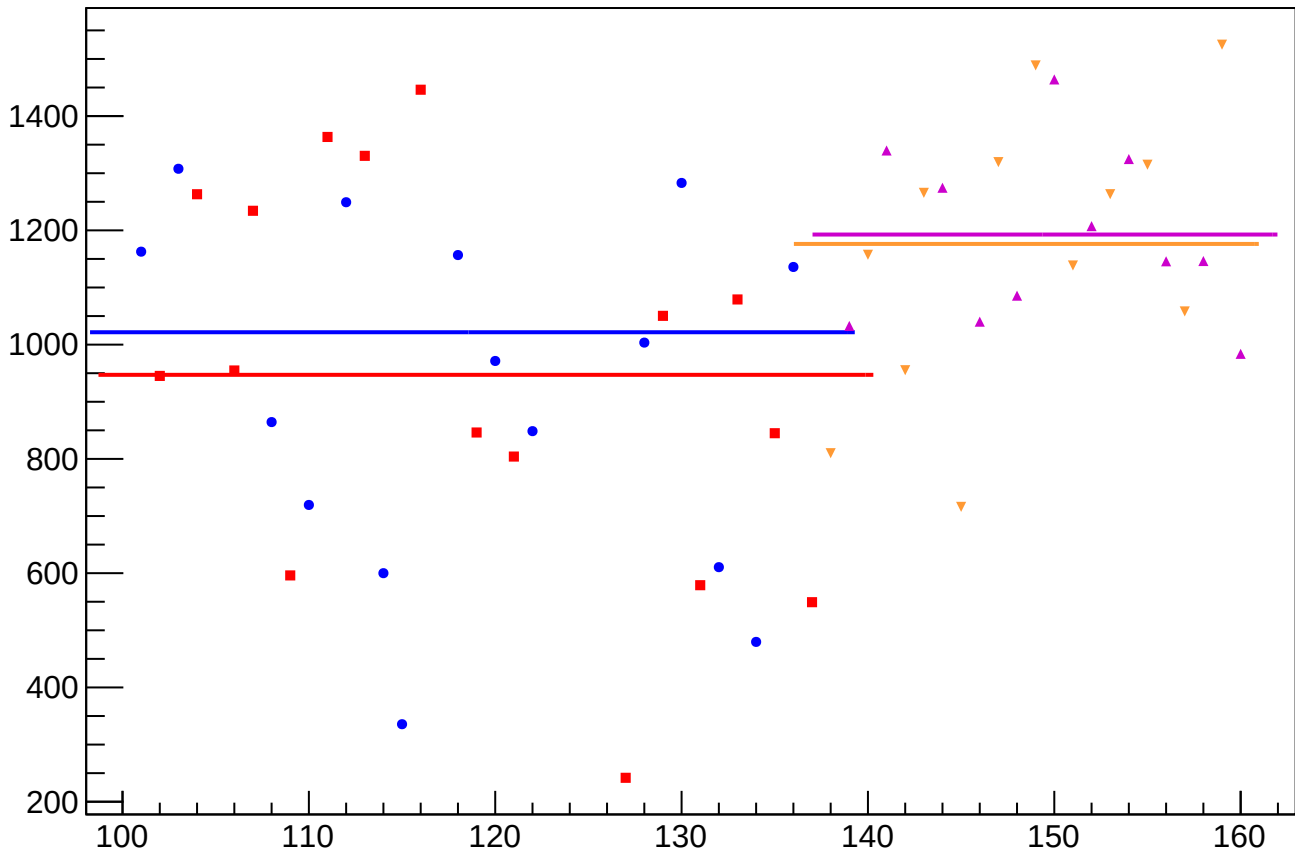
Right In: -3335.273 ± 0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -925.824 ± 0.000 χ^2/NDF : 64067799071771654441544775824759062528.0/11
 Right Out: -3027.603 ± 0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -967.568 ± 0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

dit_sam8_coil7_err_mean vs Slug



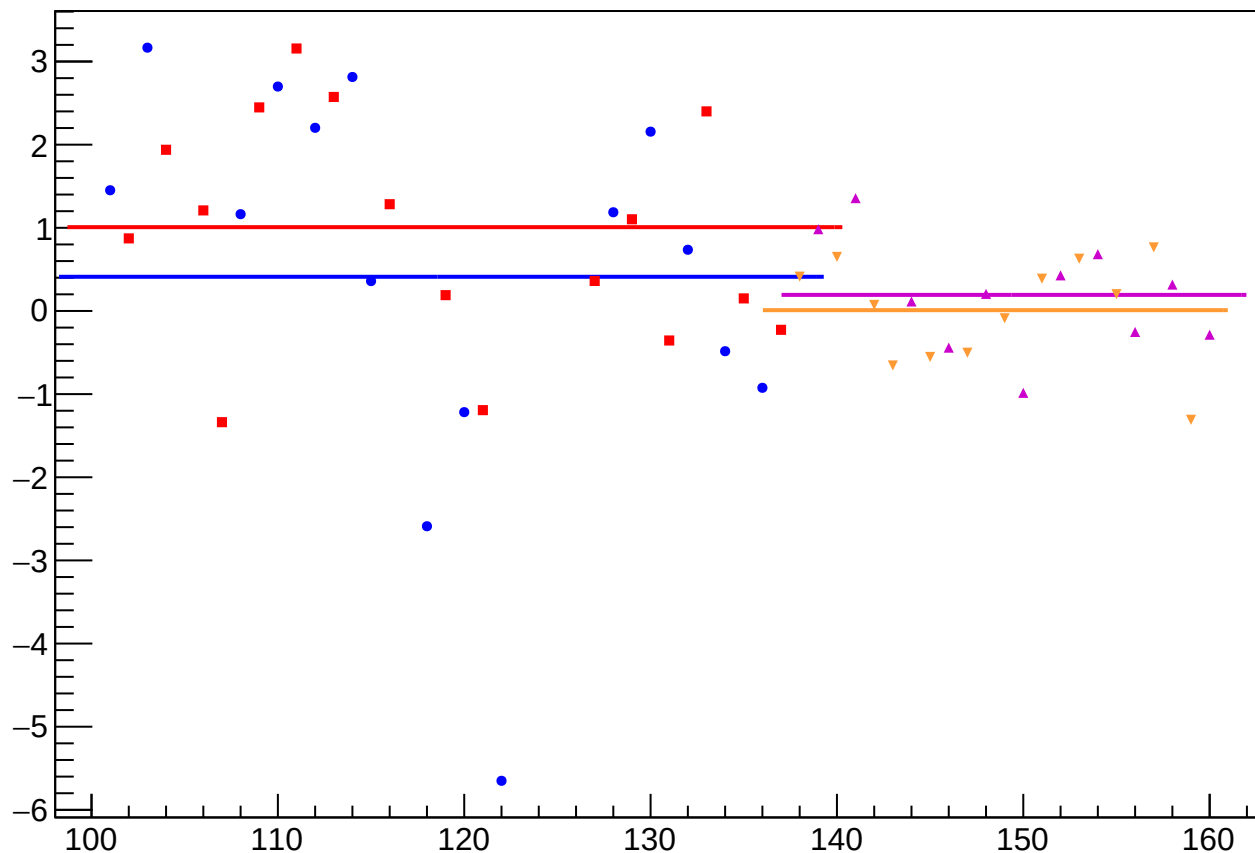
Right In: 189.442 $\pm$ 0.000 χ^2 /NDF: 4707234253929700721726064108794544128.0/14
 Left Out: 177.229 $\pm$ 0.000 χ^2 /NDF: 2763689981014700365307320120704499712.0/11
 Right Out: 172.485 $\pm$ 0.000 χ^2 /NDF: 5594813408996728261938711470404534272.0/15
 Left In: 190.641 $\pm$ 0.000 χ^2 /NDF: 2536070386684067132001548898091925504.0/10

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 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

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 : 353620786406369007663734375579648.0/11

Right Out: 1.008+/-0.000

χ^2/NDF : 1128402228144096394498047410700288.0/15

Left In: 0.193+/-0.000

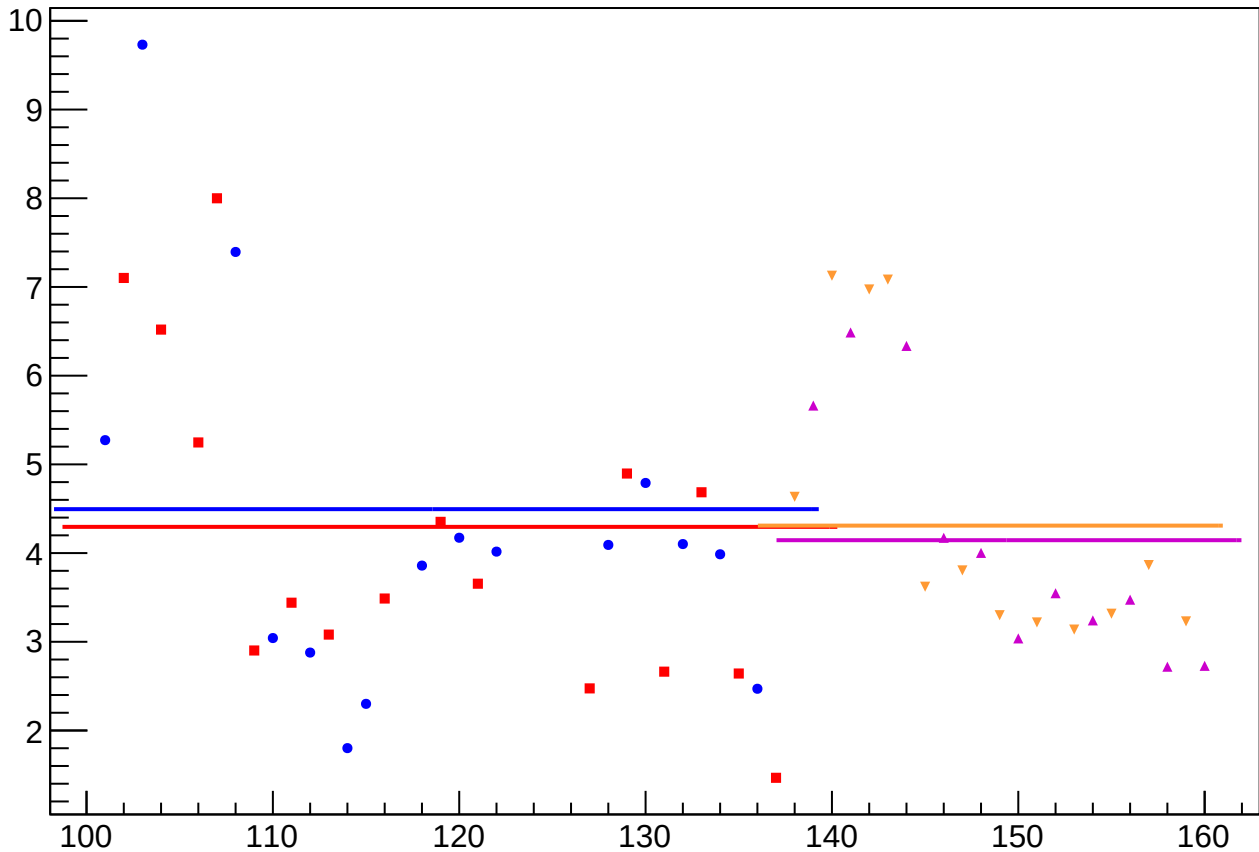
χ^2/NDF : 386133523330033860307880234713088.0/10

+ sign 0.176+/-0.000 χ^2/NDF : 38004936513775919

All: 0.357+/-0.000 χ^2/NDF : 56735972380782

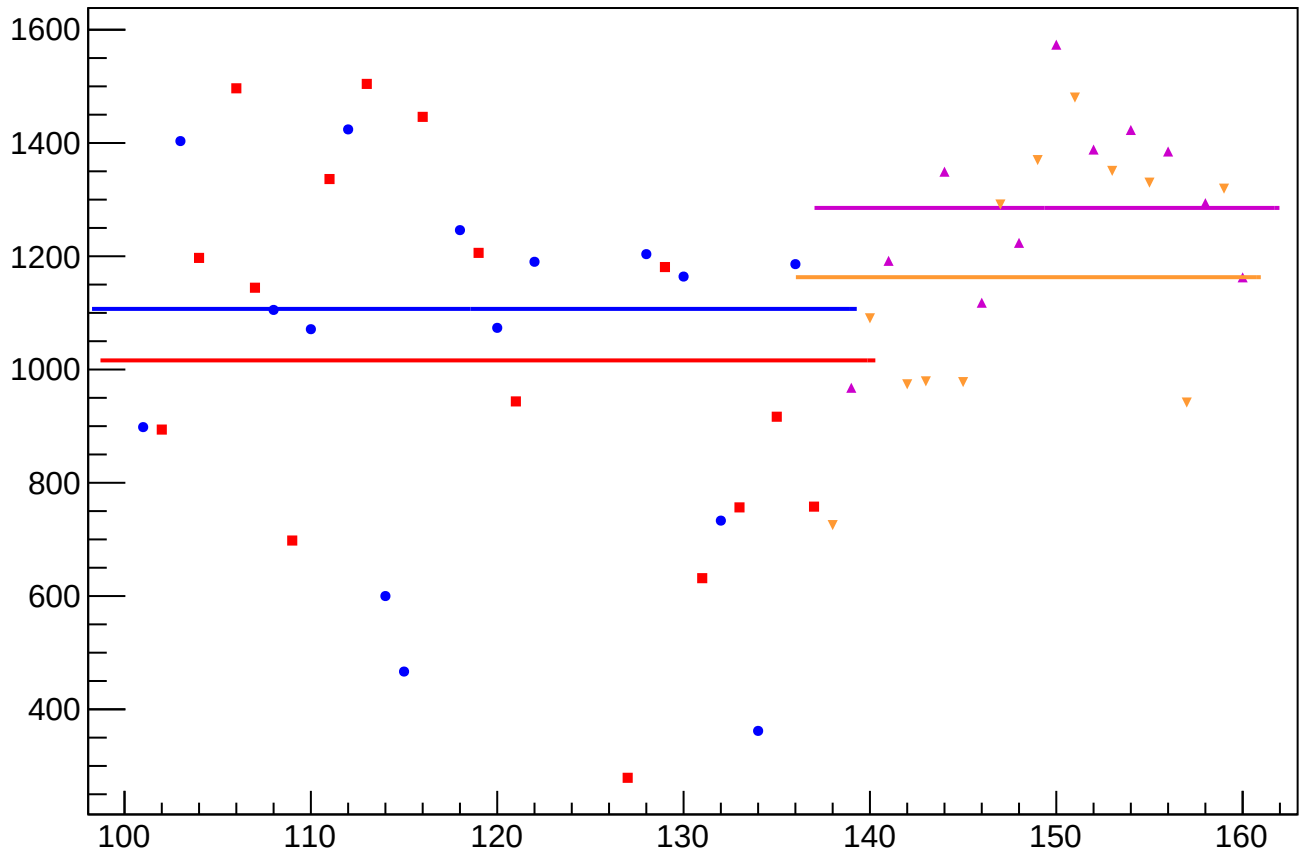
- sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



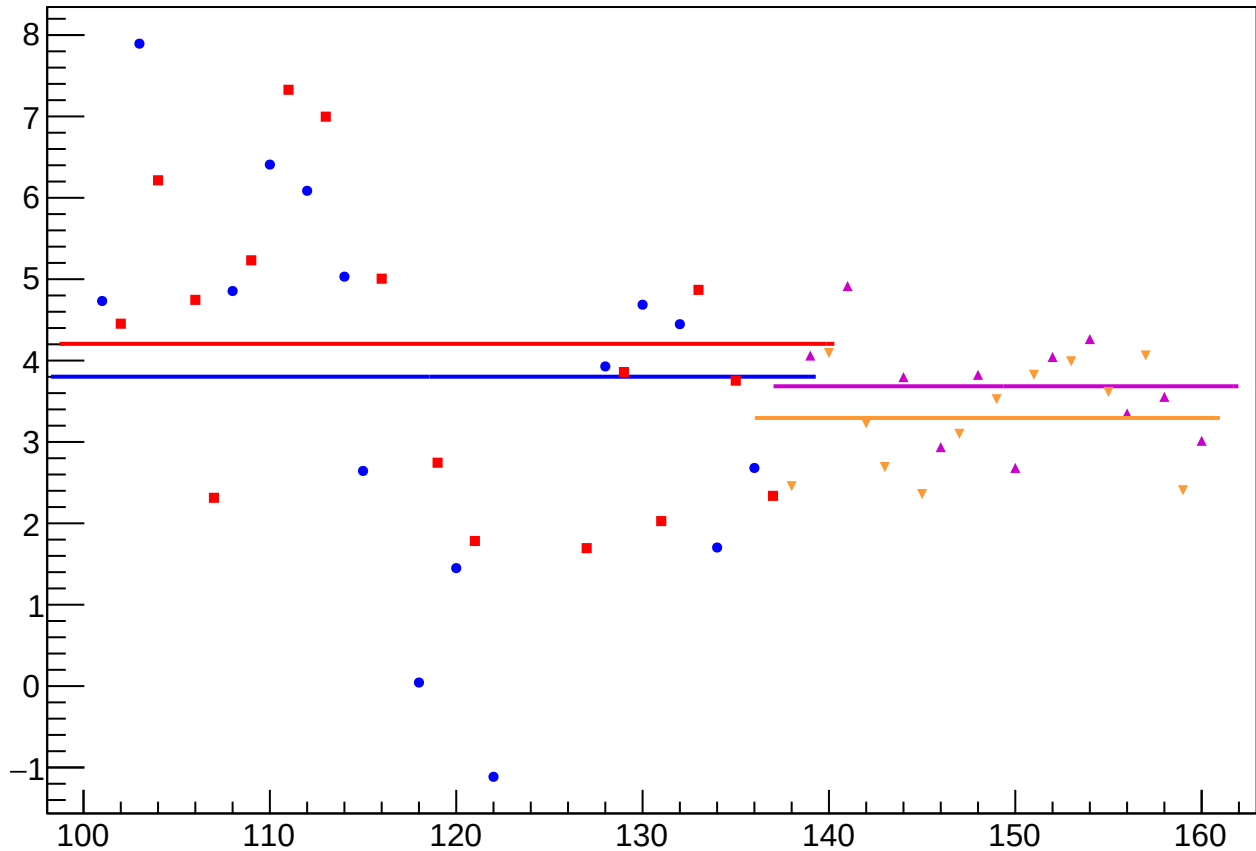
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 2742240072441097531500728791597056.0/14
 Left Out: 4.310 $\pm$ 0.000 χ^2 /NDF: 2040592298318690802405823572082688.0/11
 Right Out: 4.296 $\pm$ 0.000 χ^2 /NDF: 2011925707062051890381007475441664.0/15
 Left In: 4.145 $\pm$ 0.000 χ^2 /NDF: 1645942604303349608571849827942400.0/10

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 $\pm$ 0.000 χ^2 /NDF: 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

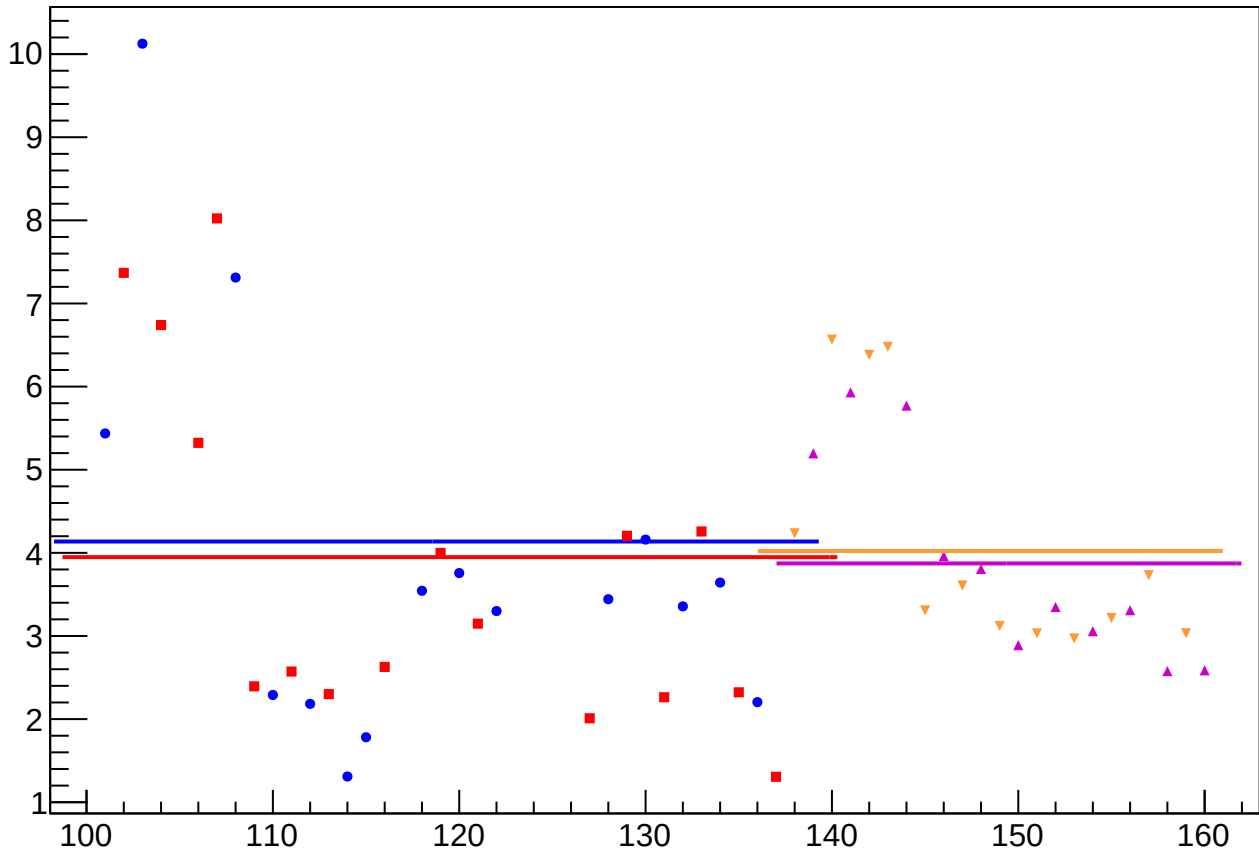
dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 3.295+/-0.000	χ^2/NDF : 390847239589673517583250386583552.0/11
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.684+/-0.000	χ^2/NDF : 366001419656422310601850072596480.0/10

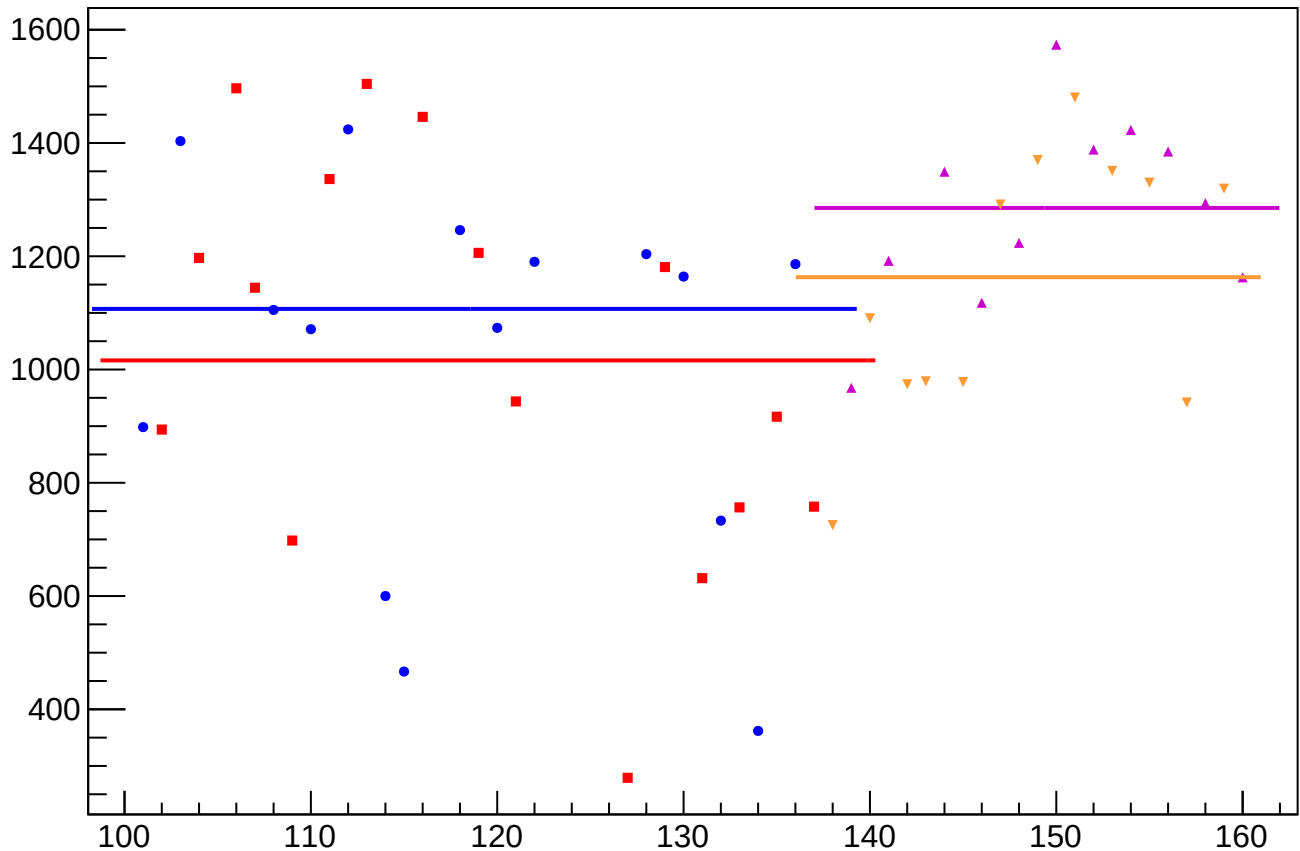
+ sign 3.505+/-0.000 χ^2/NDF : 42841263037328413
 All: 3.705+/-0.000 χ^2/NDF : 6976869183465
 - sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

dit_4eX_coil4_err_mean vs Slug



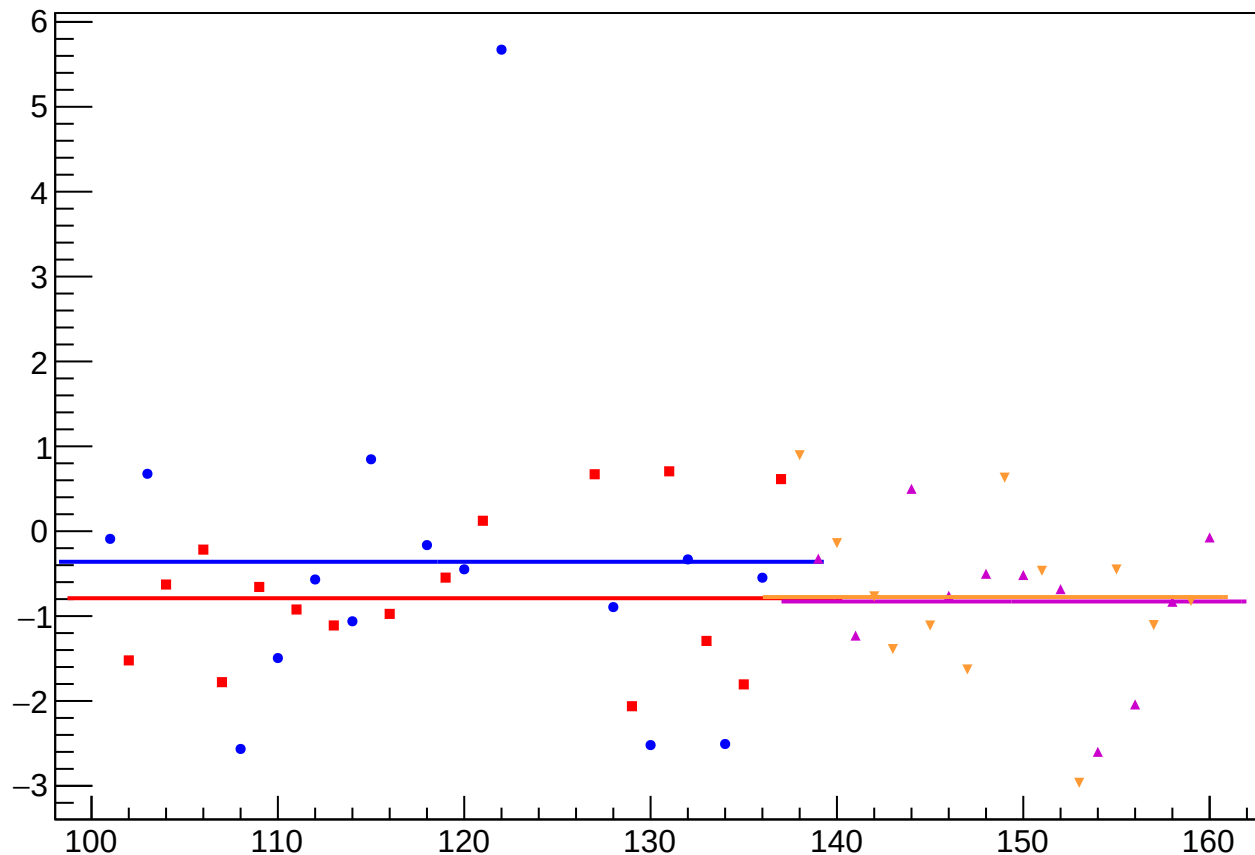
Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.022 ± 0.000 χ^2/NDF : 1623918055405441678672358958694400.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 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: 1156.292 +/- 0.000 χ^2/NDF : 21306550198
 + sign 1139.844 +/- 0.000 χ^2/NDF : 87570338044863
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_11X12X_coil4_mean vs Slug



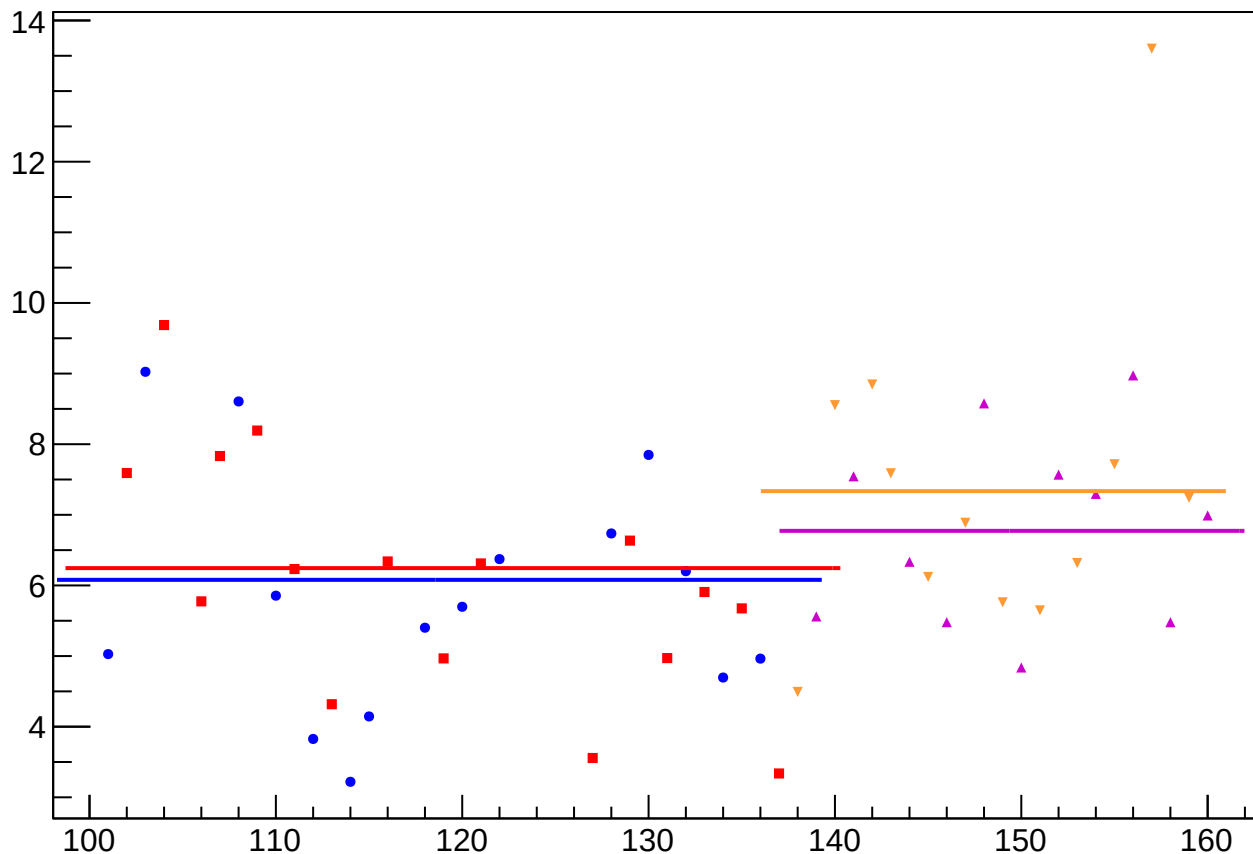
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.776+/-0.000 χ^2/NDF : 939757082215191020614021048958976.0/11

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.828+/-0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

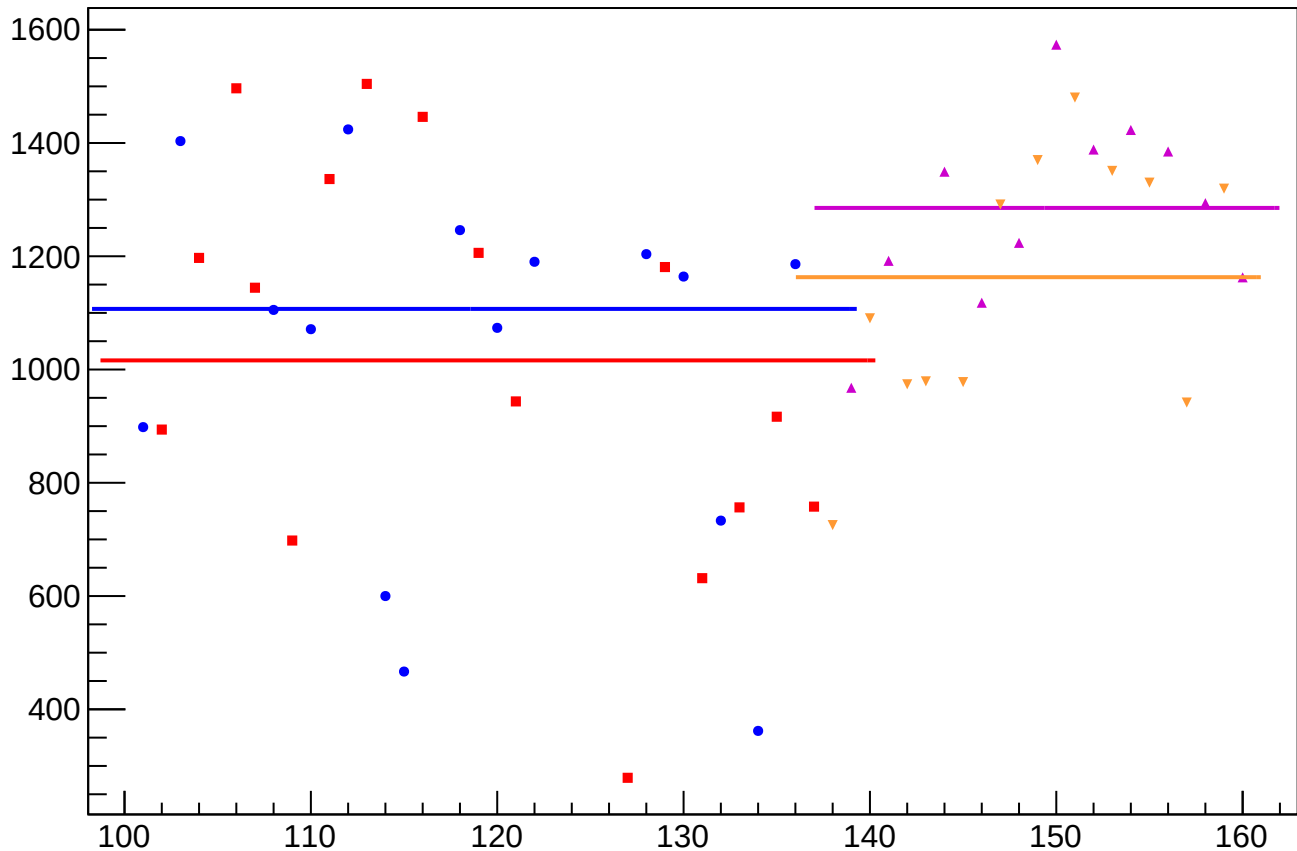
dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000	χ^2/NDF : 1590295171022705157509900448825344.0/14
Left Out: 7.336+/-0.000	χ^2/NDF : 4625628833201139991267353991053312.0/11
Right Out: 6.245+/-0.000	χ^2/NDF : 1816529163105006938510976985595904.0/15
Left In: 6.773+/-0.000	χ^2/NDF : 1545880653062872635060205832372224.0/10

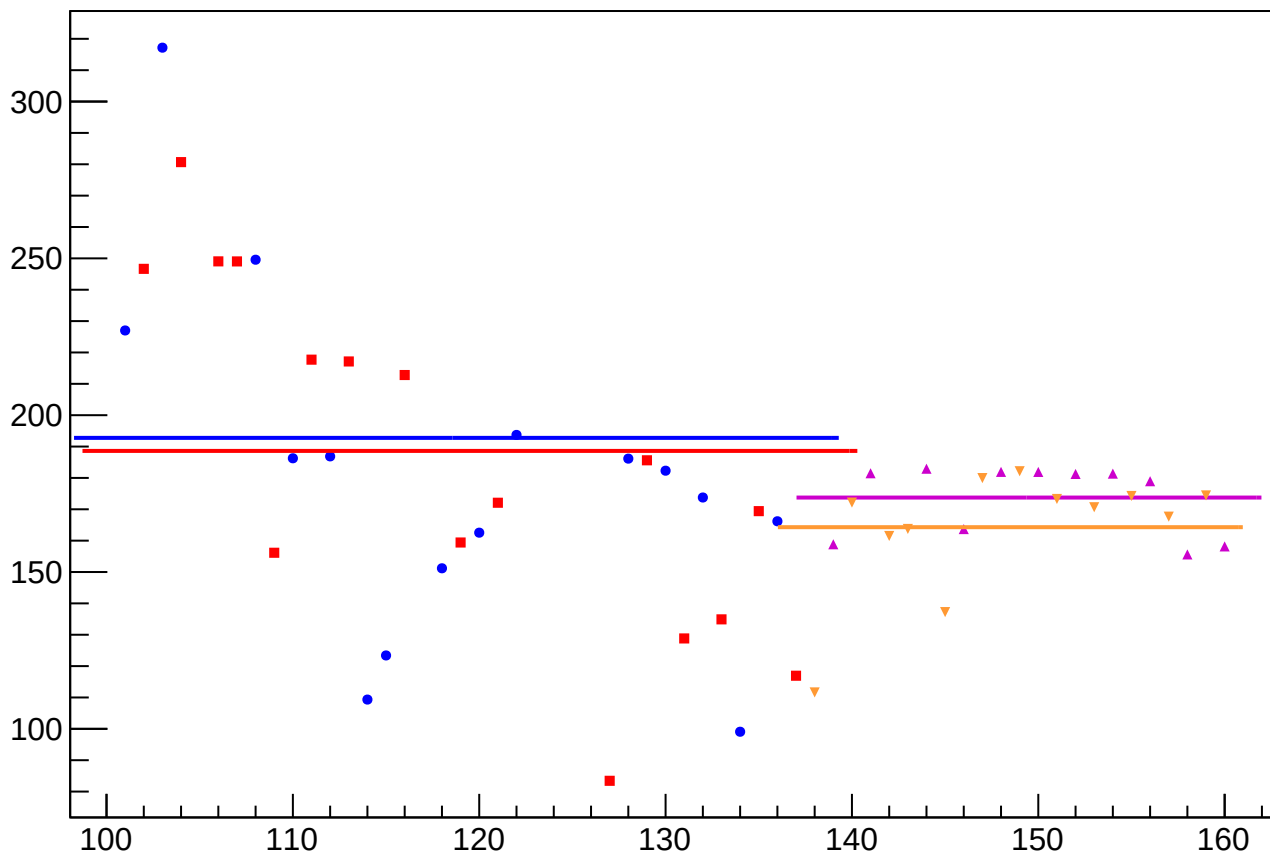
+ sign 6.815+/-0.000 χ^2/NDF : 68155259084856645
 All: 6.682+/-0.000 χ^2/NDF : 1034042782090
 - sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1139.844+/-0.000	χ^2/NDF : 87570338044863
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	All: 1156.292+/-0.000	χ^2/NDF : 21306550198
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1172.482+/-0.000	χ^2/NDF : 12465444911625
Left In: 1285.364+/-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: 164.293+/-0.000 χ^2/NDF : 353830120963940060605794212550541312.0/11

Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

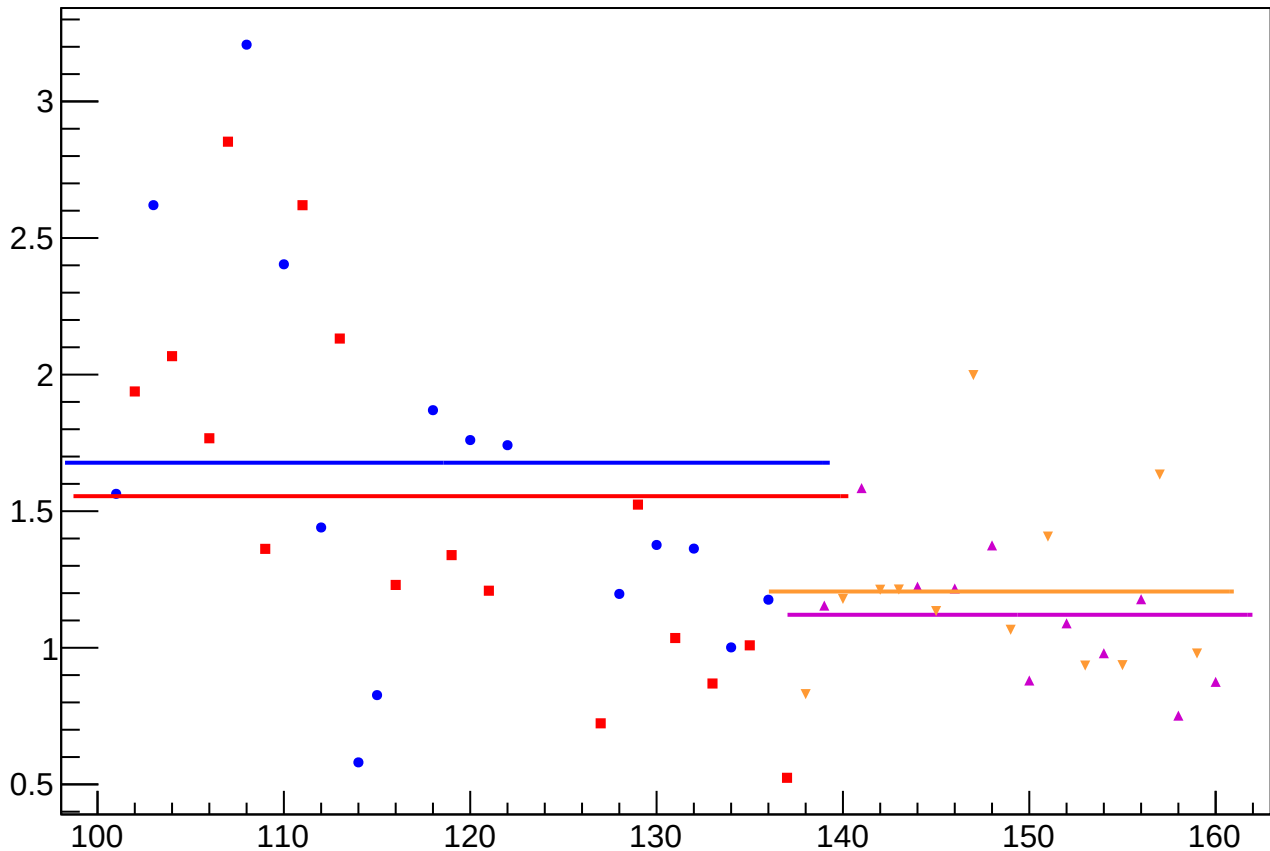
Left In: 173.738+/-0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

+ sign 176.095+/-0.000 χ^2/NDF : 230260901406877

All: 178.050+/-0.000 χ^2/NDF : 443008441109

- sign 179.974+/-0.000 χ^2/NDF : 211560304537061

dit_4aY_coil4_err_mean vs Slug



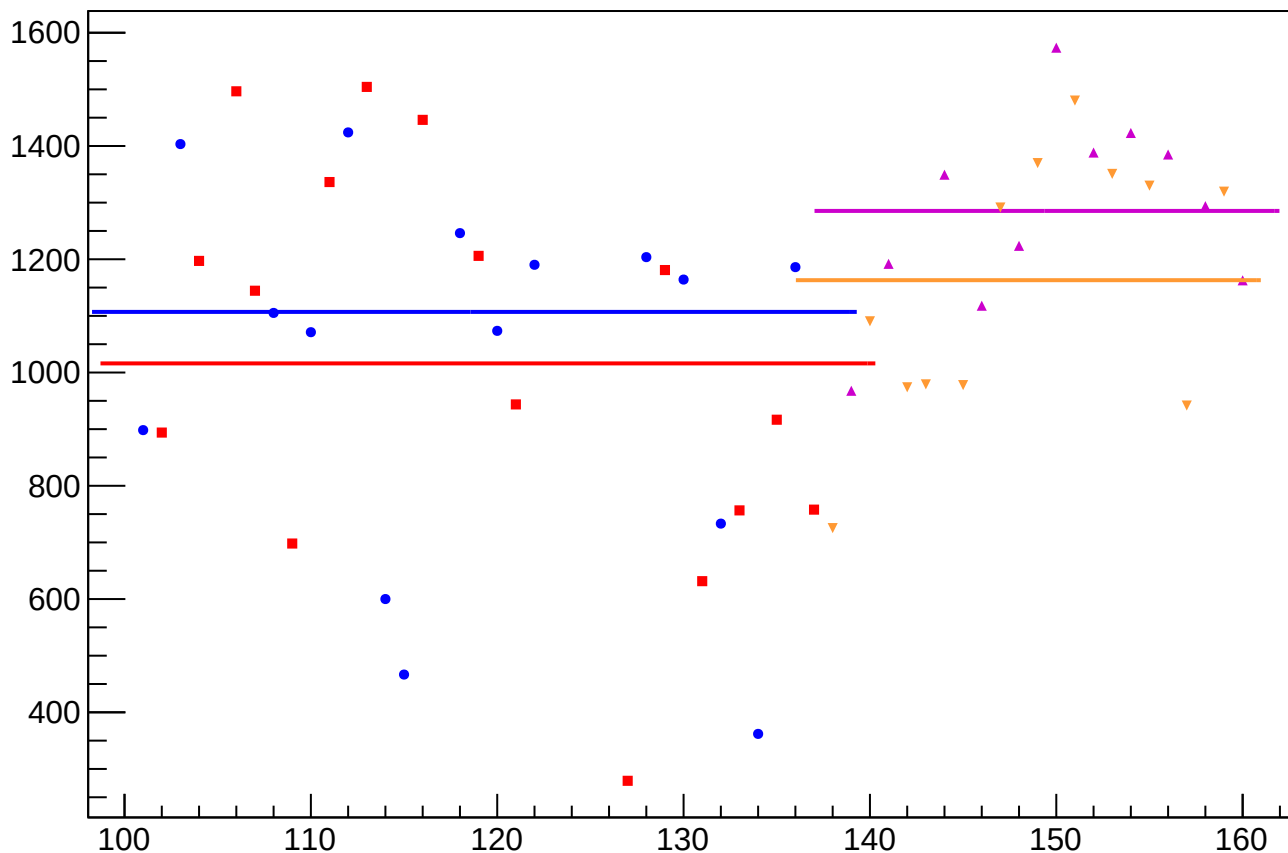
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.206 $\pm$ 0.000 χ^2 /NDF: 95869624128559666267627066490880.0/11

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

Left In: 1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

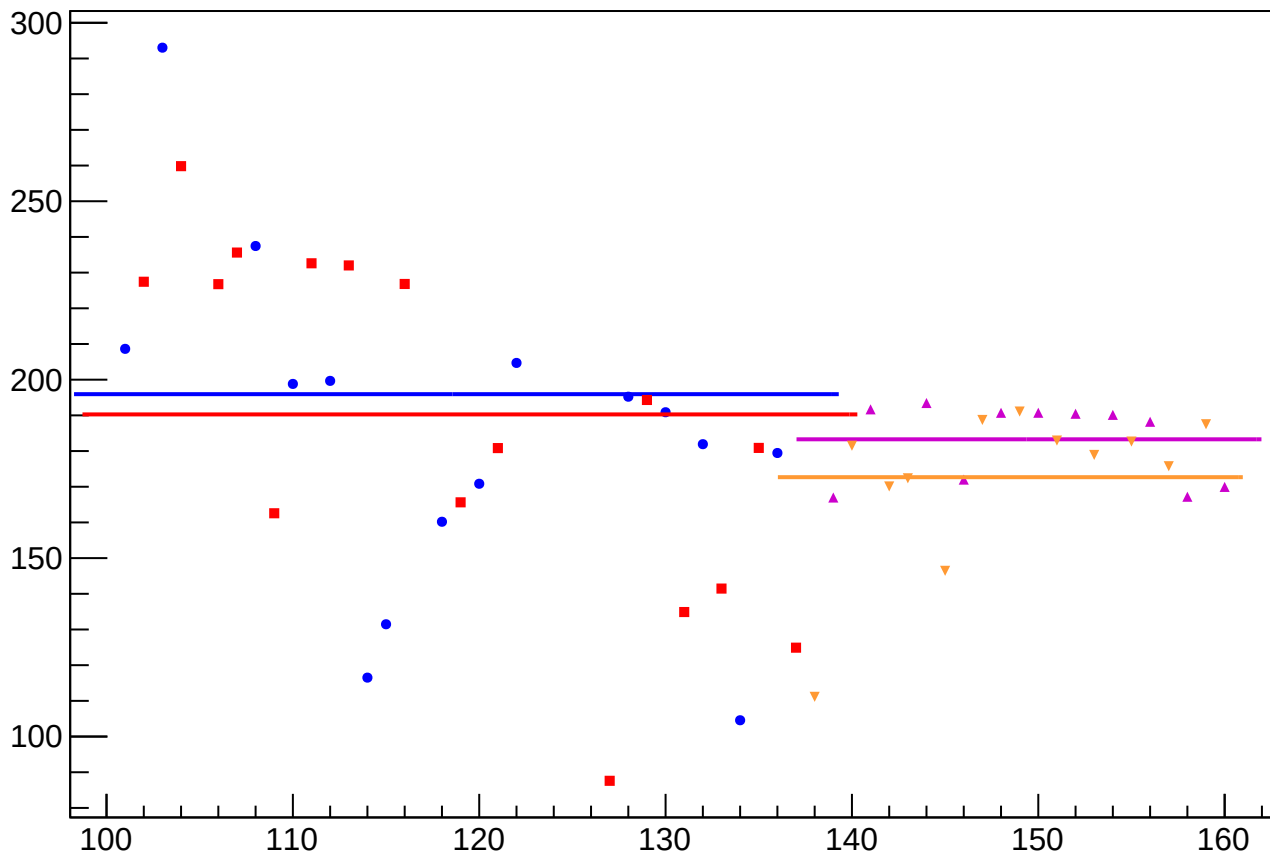
Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1139.844+/-0.000 χ^2/NDF : 87570338044863
 All: 1156.292+/-0.000 χ^2/NDF : 21306550198
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 172.678+/-0.000 χ^2/NDF : 444129154318784491704790528347340800.0/11

Right Out: 190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

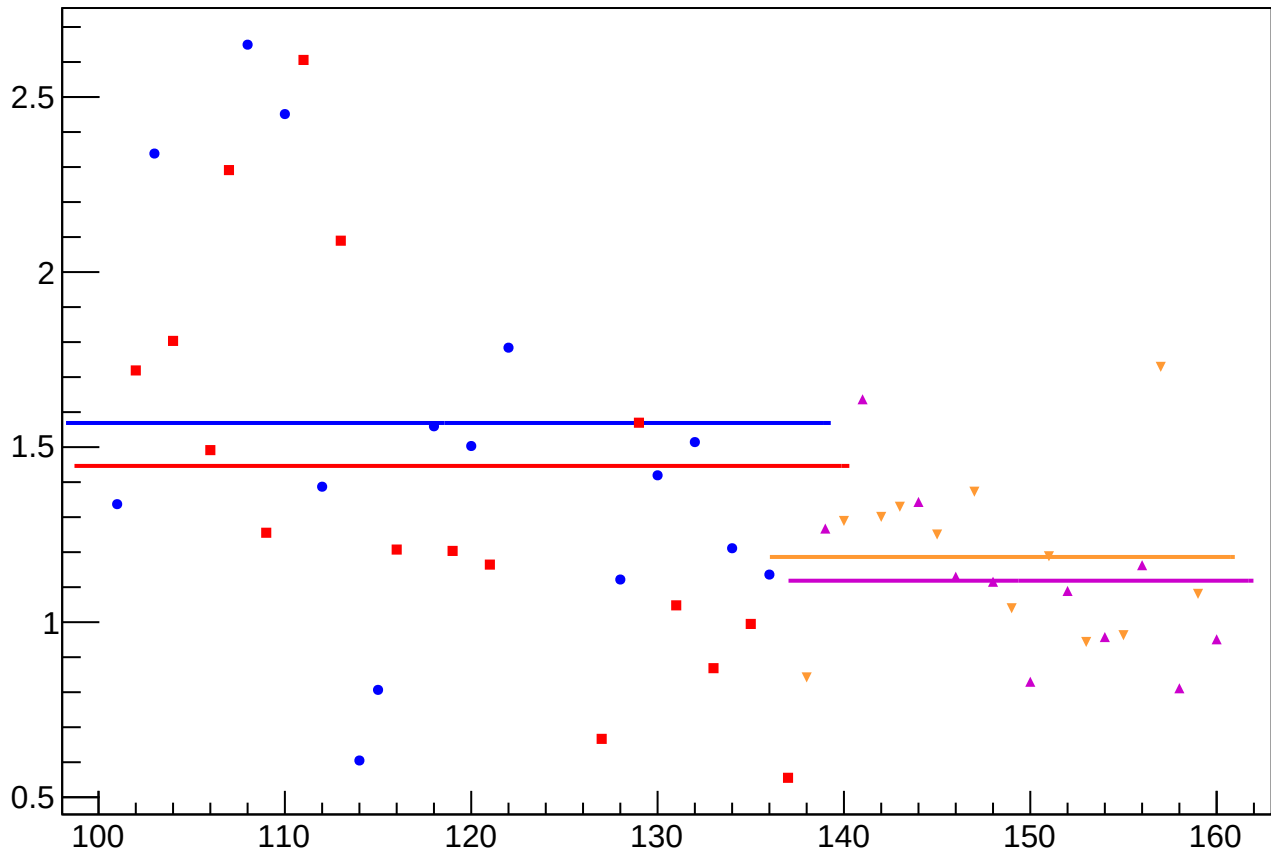
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

+ sign 182.319+/-0.000 χ^2/NDF : 170767185336738

All: 184.283+/-0.000 χ^2/NDF : 330872661752

- sign 186.216+/-0.000 χ^2/NDF : 158906987548328

dit_4eY_coil4_err_mean vs Slug



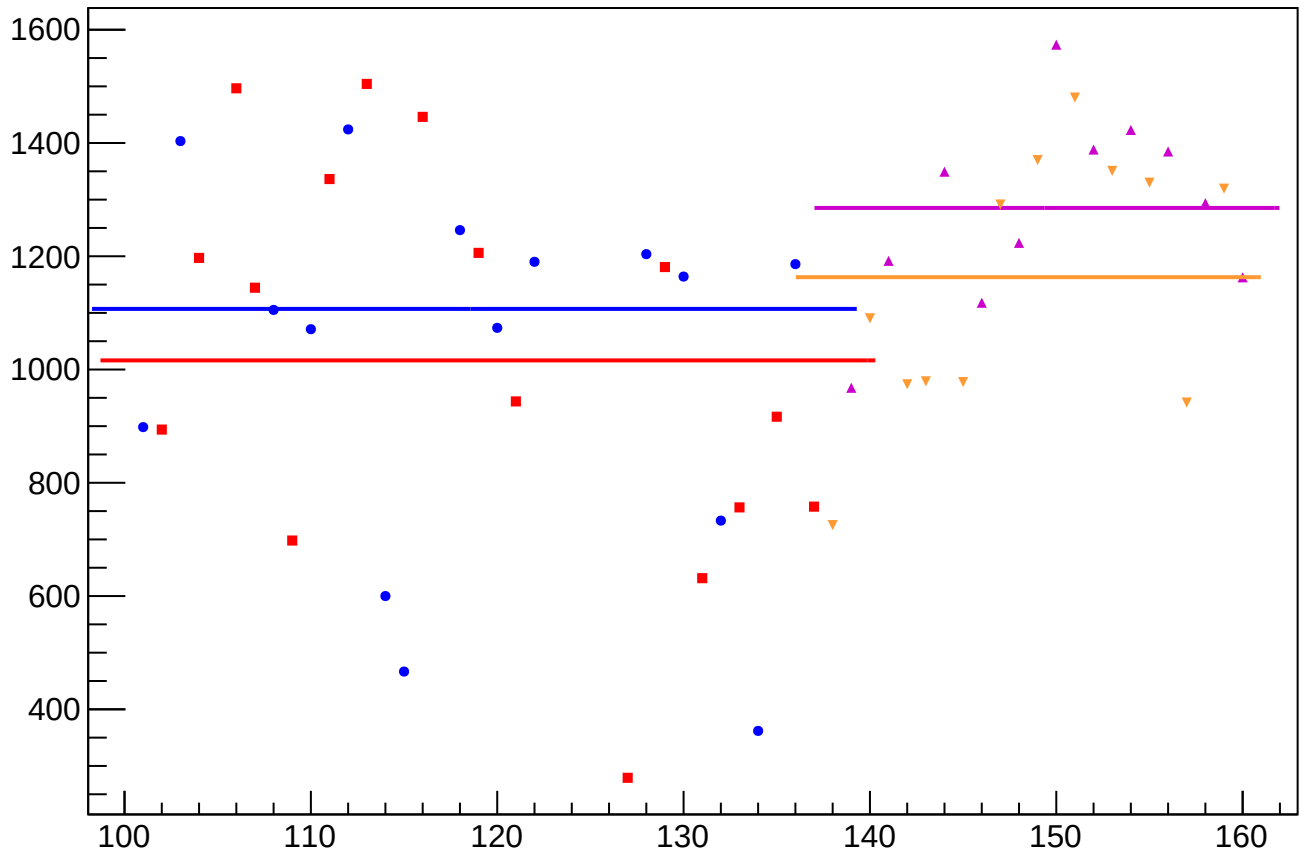
Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.186+/-0.000 χ^2/NDF : 50110649006733128269701442437120.0/11

Right Out: 1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

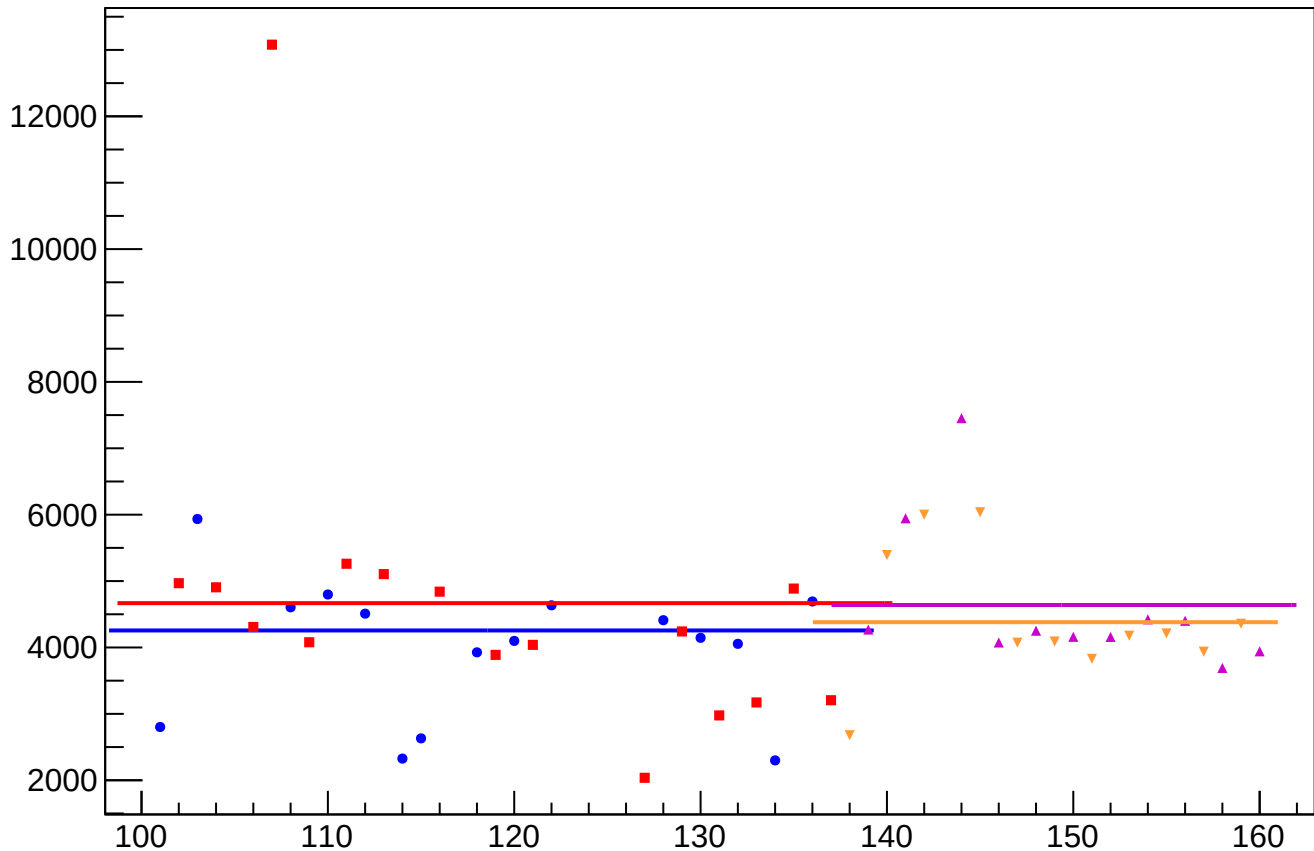
Left In: 1.118+/-0.000 χ^2/NDF : 48973496995723480911801365823488.0/10

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1139.844+/-0.000	χ^2/NDF : 87570338044863
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	All: 1156.292+/-0.000	χ^2/NDF : 21306550198
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1172.482+/-0.000	χ^2/NDF : 12465444911625
Left In: 1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10		

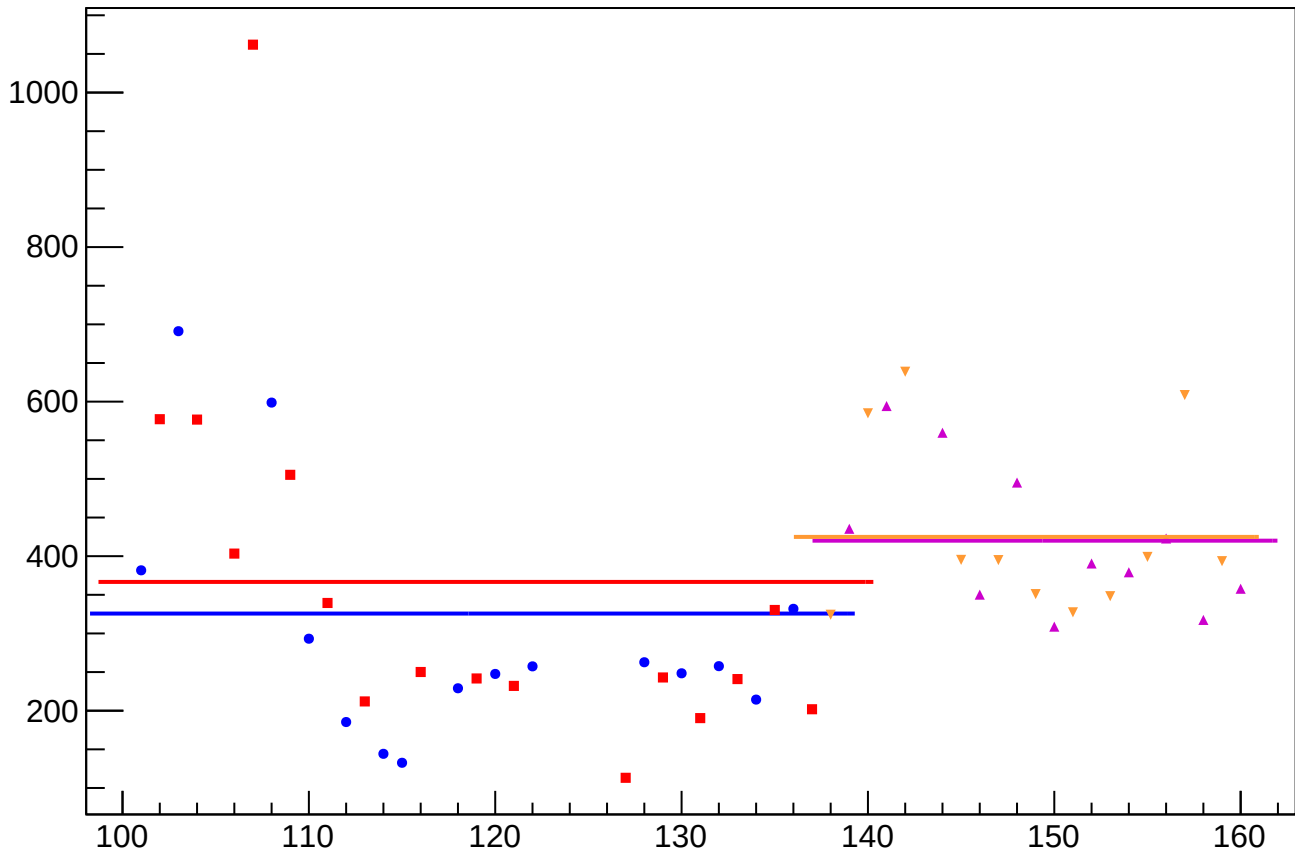
dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14
Left Out: 4380.887+/-0.000	χ^2/NDF : 711929350796242872356445332084336099328.0/10
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15
Left In: 4639.846+/-0.000	χ^2/NDF : 1058446303743243170530981239939506634752.0/10

+ sign 4326.984+/-0.000 χ^2/NDF : 12162390712682
 All: 4494.113+/-0.000 χ^2/NDF : 55582340765
 - sign 4651.578+/-0.000 χ^2/NDF : 42606752336216

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

+ sign 381.988+/-0.000 χ^2/NDF : 278772964276688

Left Out: 424.941+/-0.000 χ^2/NDF : 9621828673272649813383773272468881408.0/10

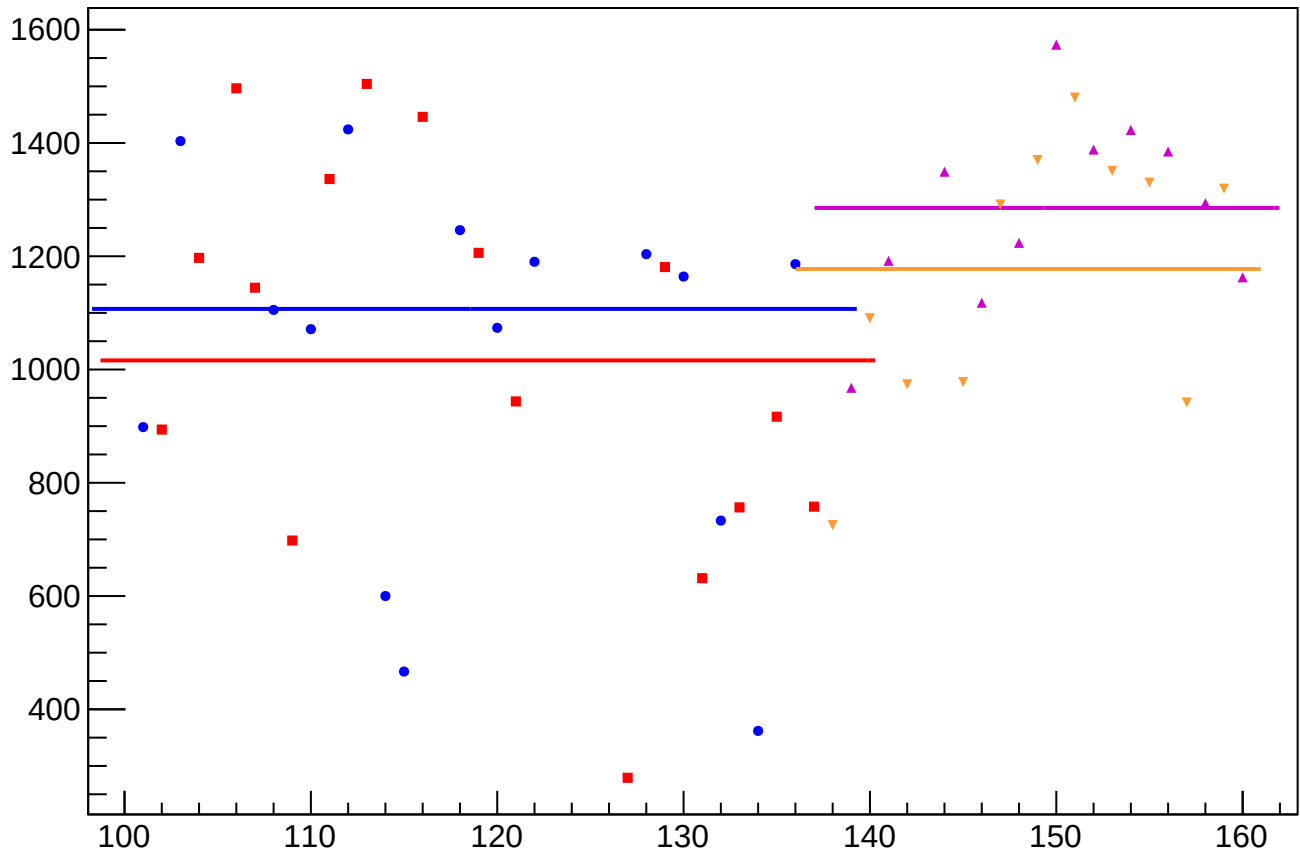
All: 390.069+/-0.000 χ^2/NDF : 689749872558

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

- sign 397.684+/-0.000 χ^2/NDF : 409075450012092

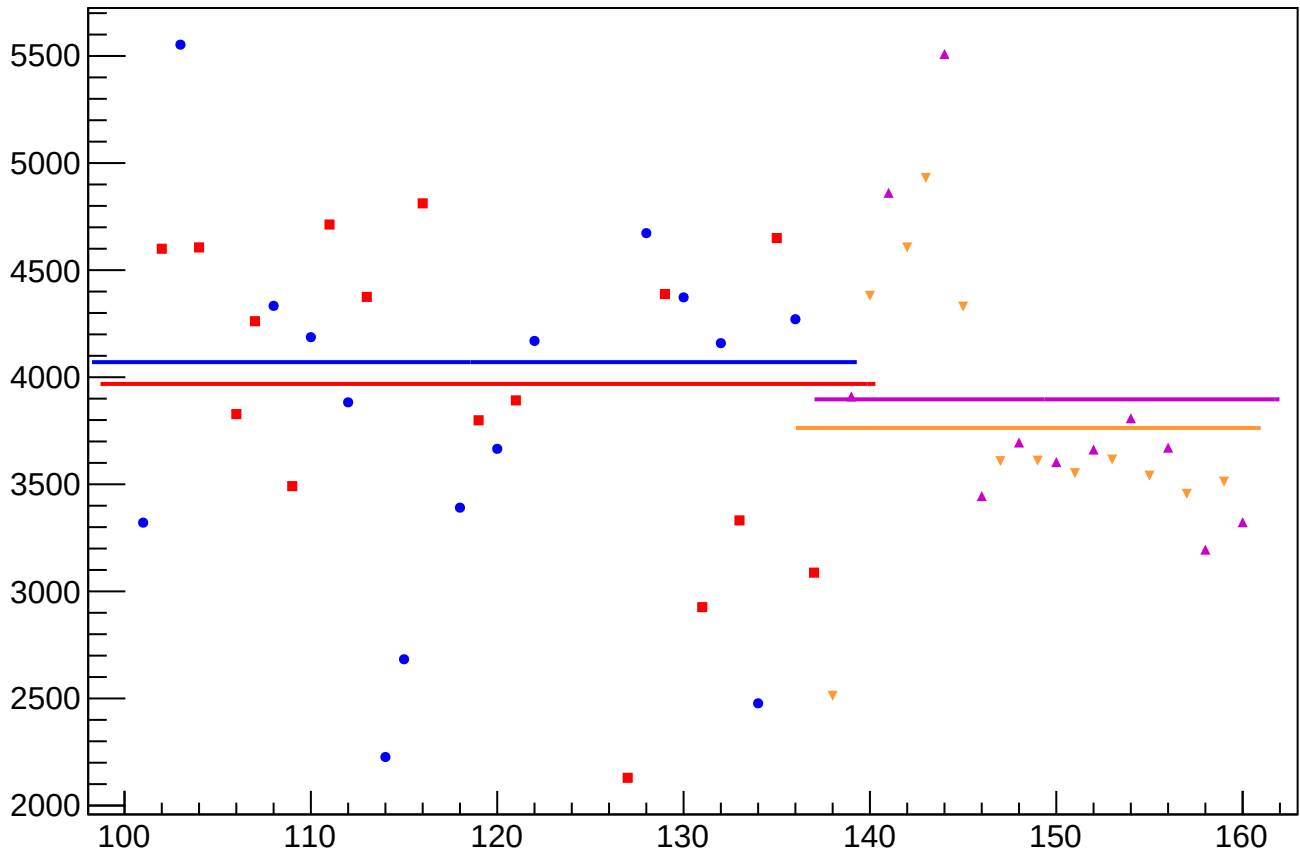
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1177.551+/-0.000 χ^2/NDF : 43299032399354290264123483303178141696.0/10
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1160.134+/-0.000 χ^2/NDF : 21091639805
 + sign 1147.028+/-0.000 χ^2/NDF : 85761882466875
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

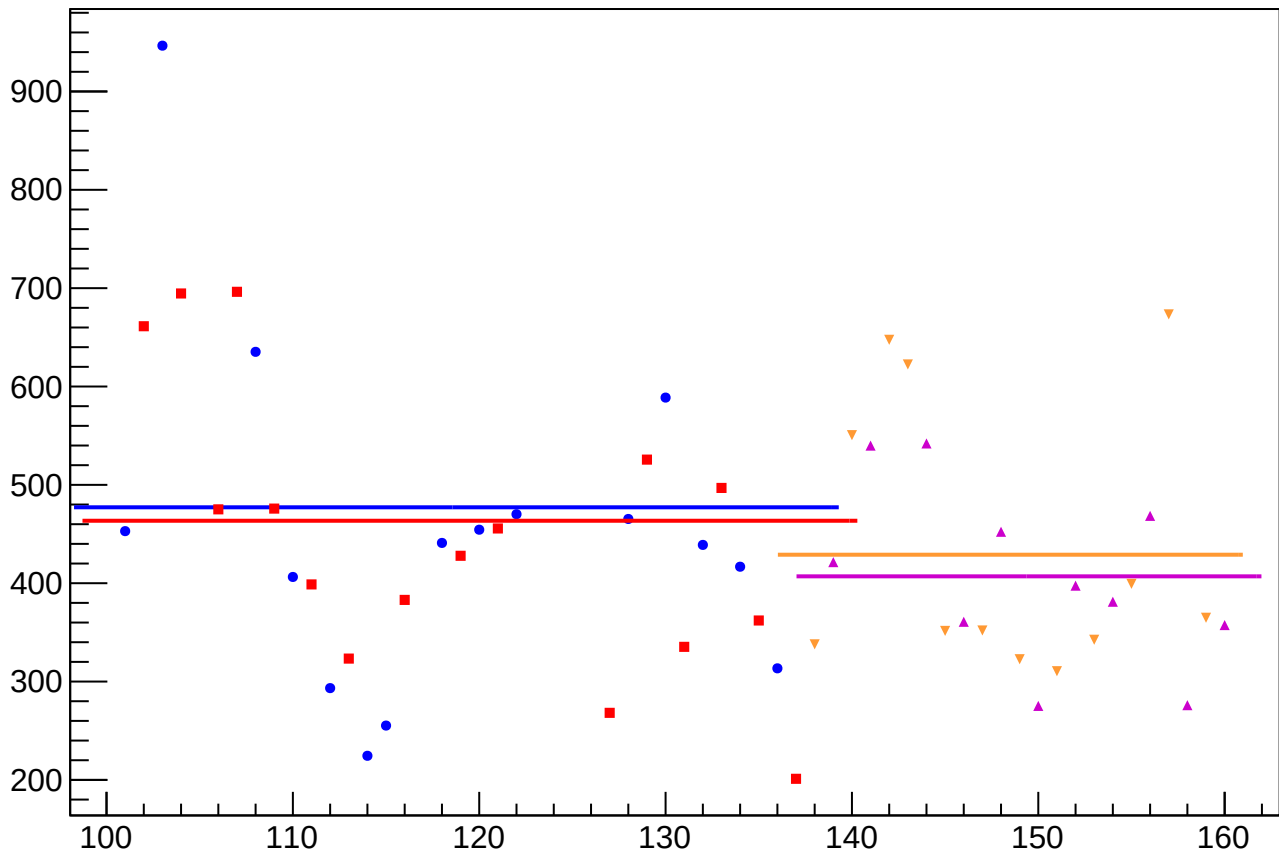
dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000	χ^2/NDF : 343281875282695739956383156295247593472.0/14
Left Out: 3763.117+/-0.000	χ^2/NDF : 328830410494285997490635269622747627520.0/11
Right Out: 3968.723+/-0.000	χ^2/NDF : 359955880326194784467353369492594884608.0/15
Left In: 3896.757+/-0.000	χ^2/NDF : 412530714584693730225130204014353317888.0/10

+ sign 3890.483+/-0.000 χ^2/NDF : 70800630577905
 All: 3908.850+/-0.000 χ^2/NDF : 14835473248
 - sign 3926.928+/-0.000 χ^2/NDF : 77449278990952

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 428.977+/-0.000 χ^2/NDF : 15293827786065679931988484454692683776.0/11

Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

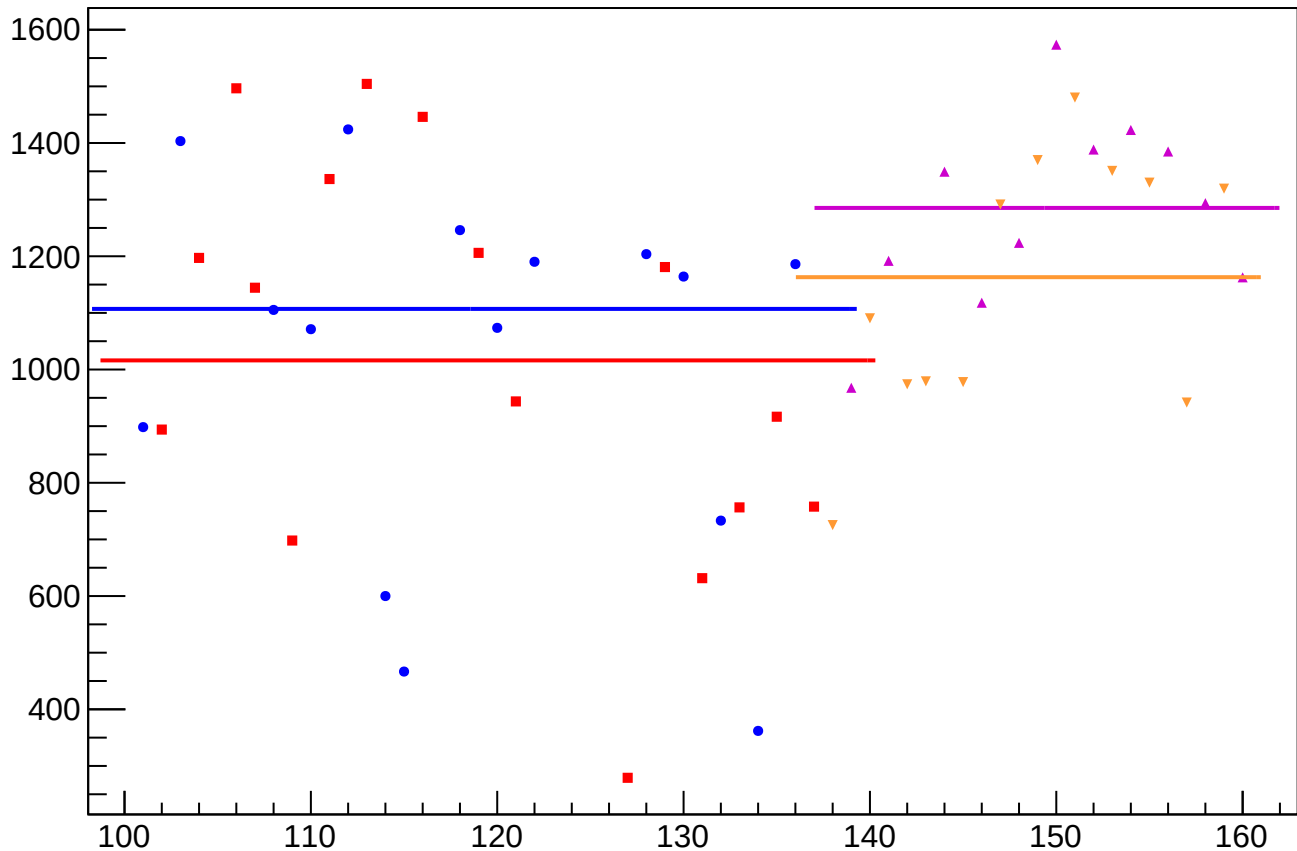
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 448.957+/-0.000 χ^2/NDF : 366327990822750

All: 439.749+/-0.000 χ^2/NDF : 577048219022

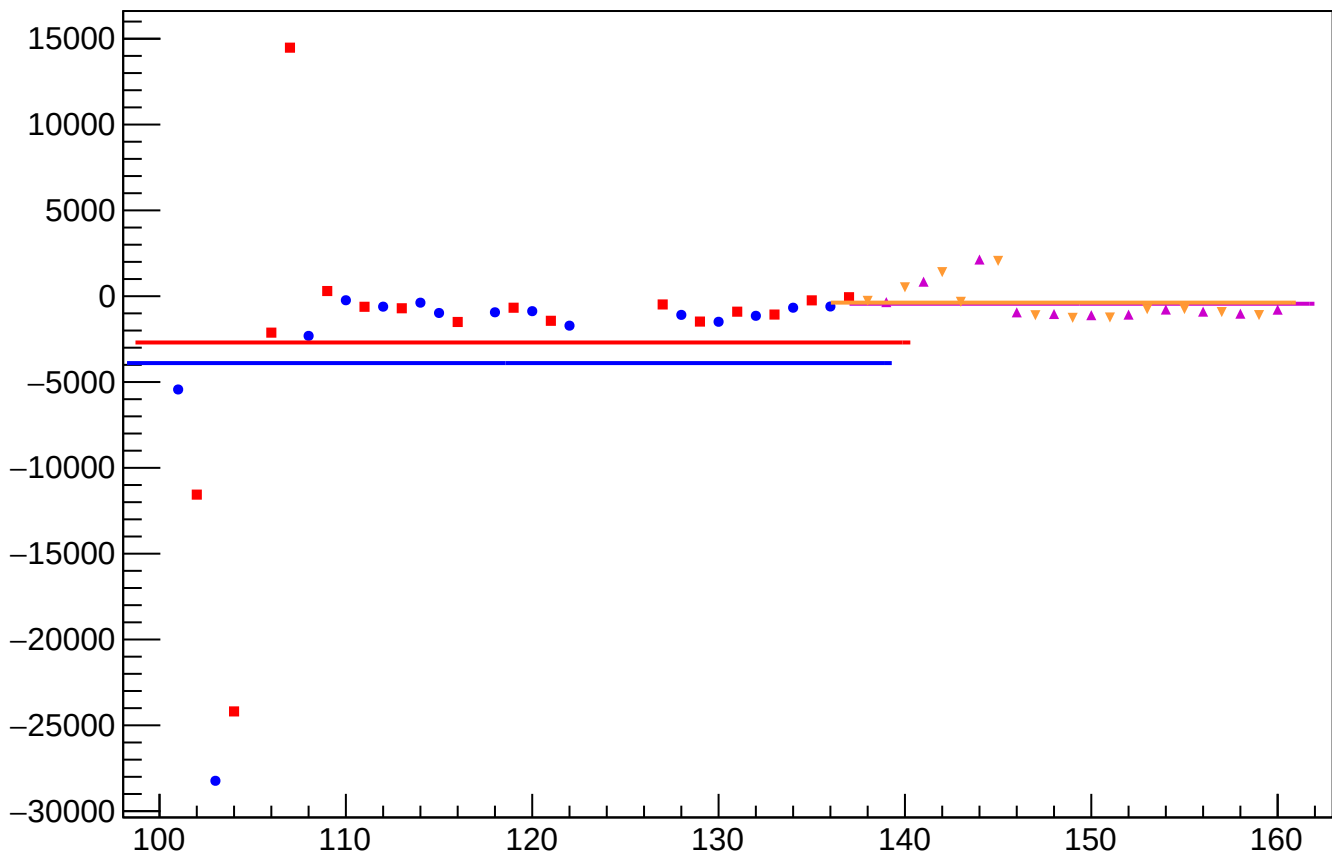
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



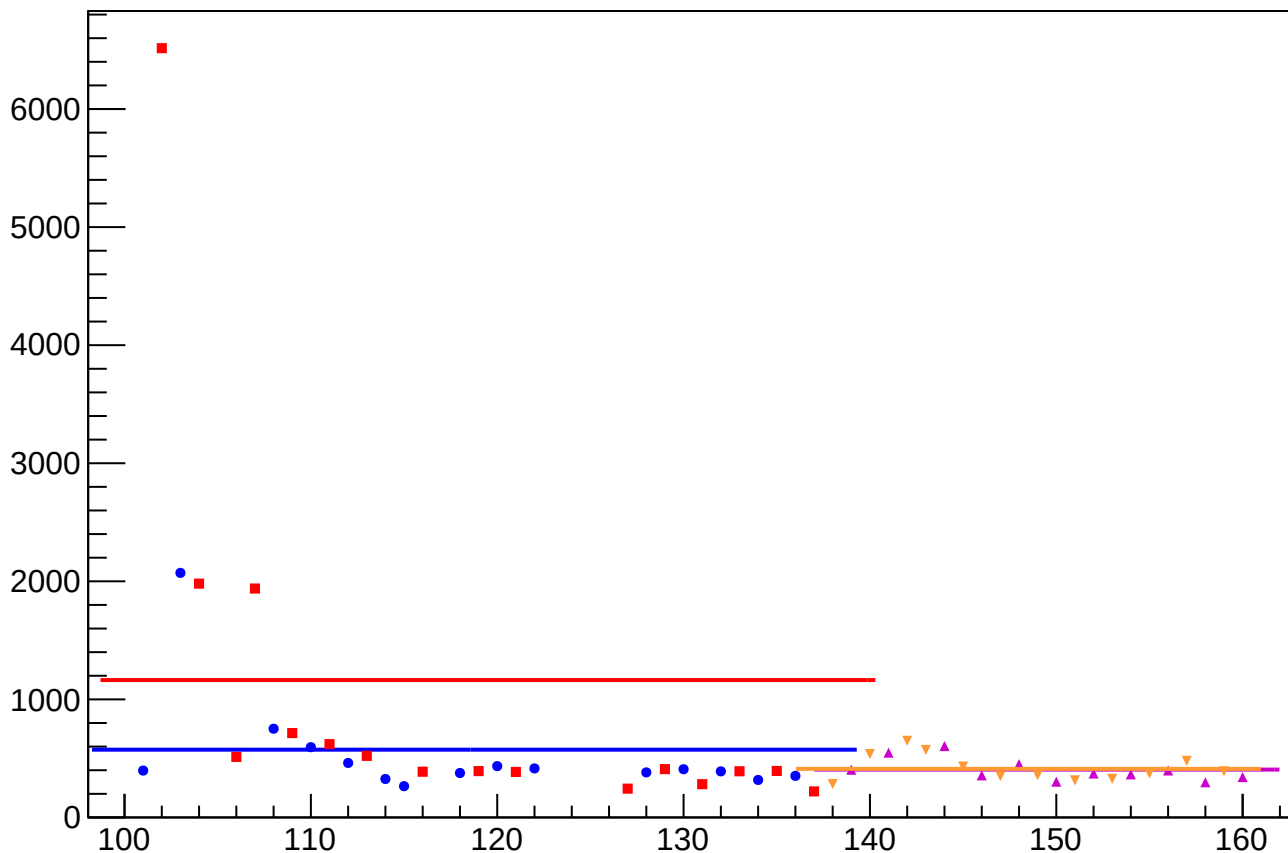
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1139.844+/-0.000	χ^2/NDF : 87570338044863
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	All: 1156.292+/-0.000	χ^2/NDF : 21306550198
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1172.482+/-0.000	χ^2/NDF : 12465444911625
Left In: 1285.364+/-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: -374.202+/-0.000 χ^2/NDF : 945868175144673963133070381135496740864.0/11
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289+/-0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10
 + sign -1833.963+/-0.000 χ^2/NDF : 4527944849891
 All: -1607.892+/-0.000 χ^2/NDF : 8915452506
 - sign -1385.374+/-0.000 χ^2/NDF : 43716264222774

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

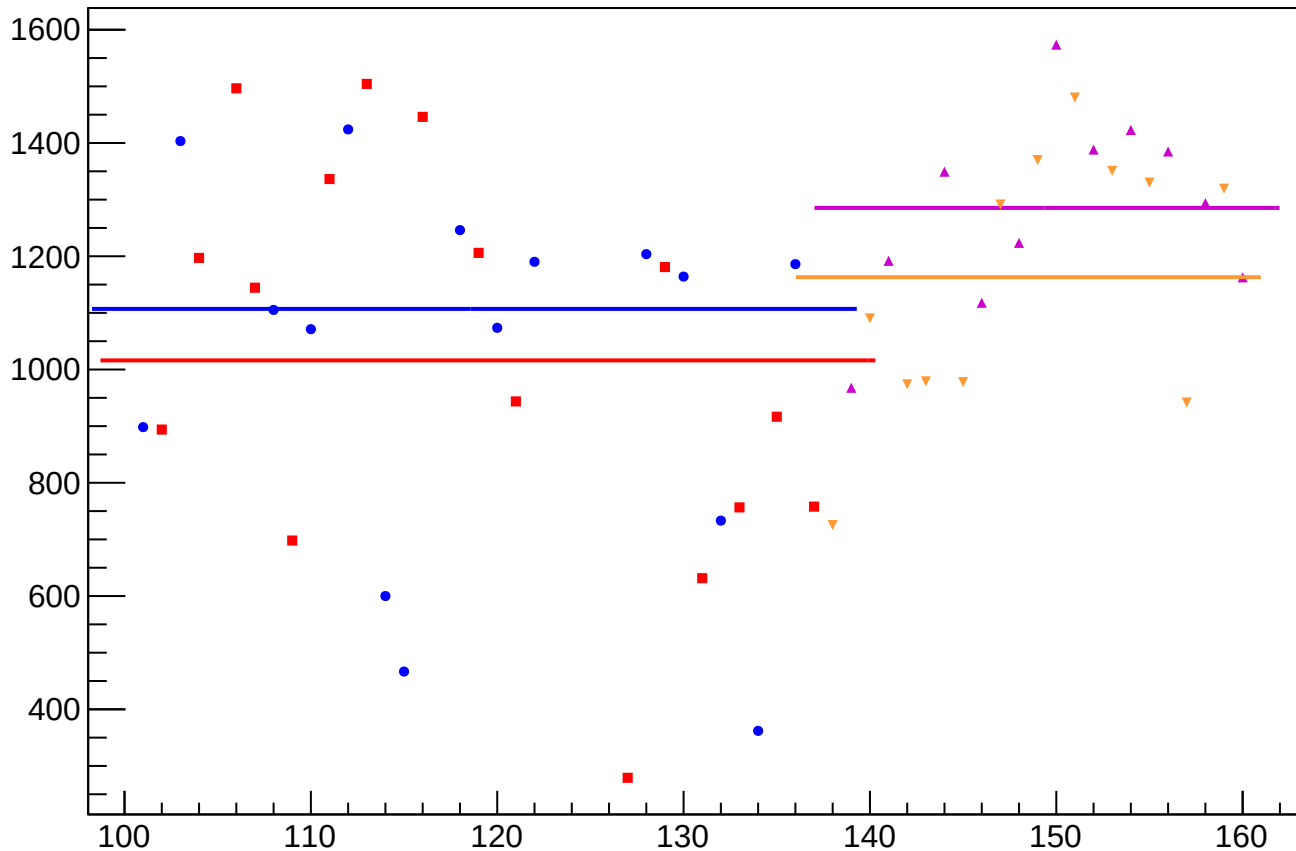
Left Out: 411.666+/-0.000 χ^2/NDF : 9310753562046919070067621560894619648.0/11

Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15

Left In: 405.371+/-0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

All: 602.093+/-0.000 χ^2/NDF : 245259904240

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

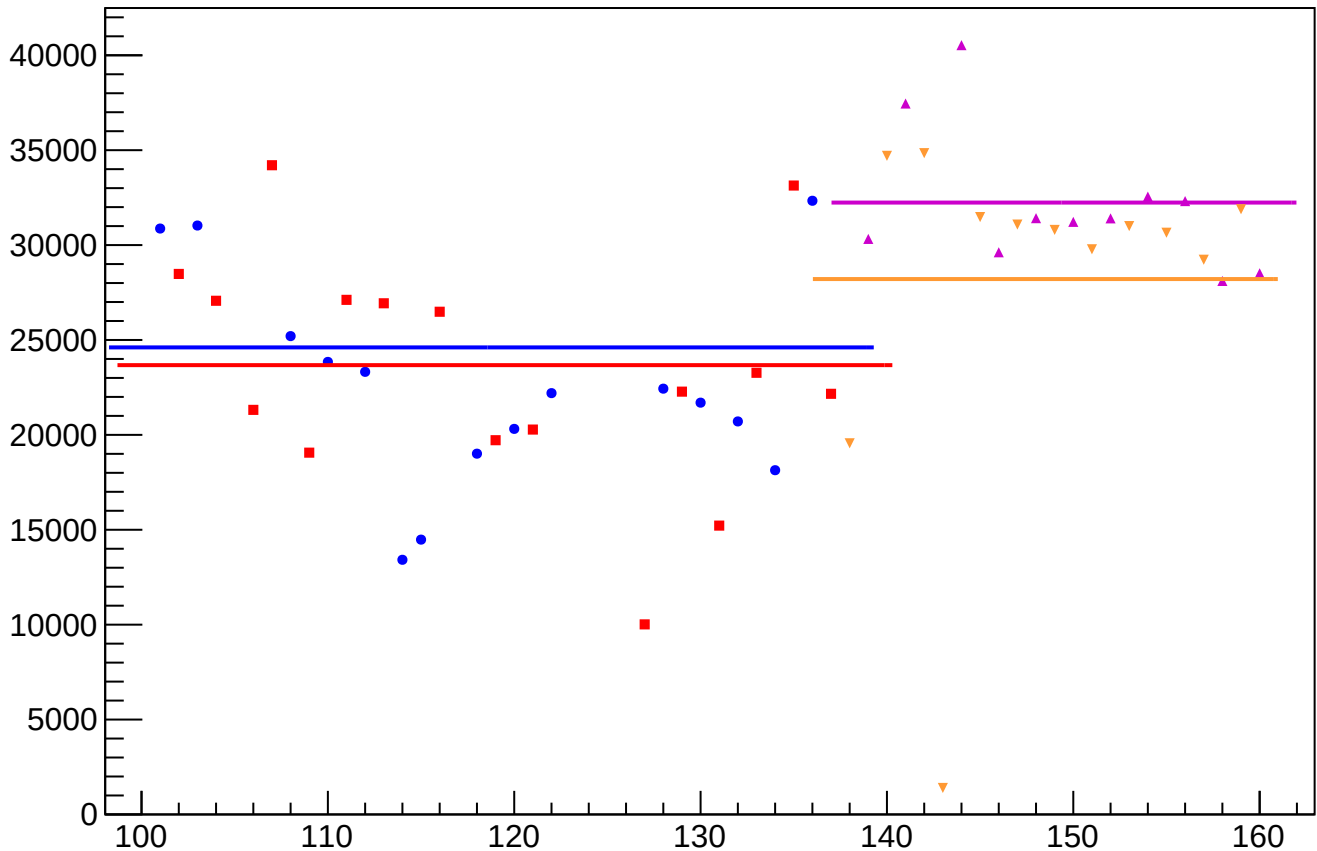
Left Out: 1163.051 ± 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11

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: 1156.292 ± 0.000 χ^2/NDF : 21306550198

dit_atl2_coil4_mean vs Slug



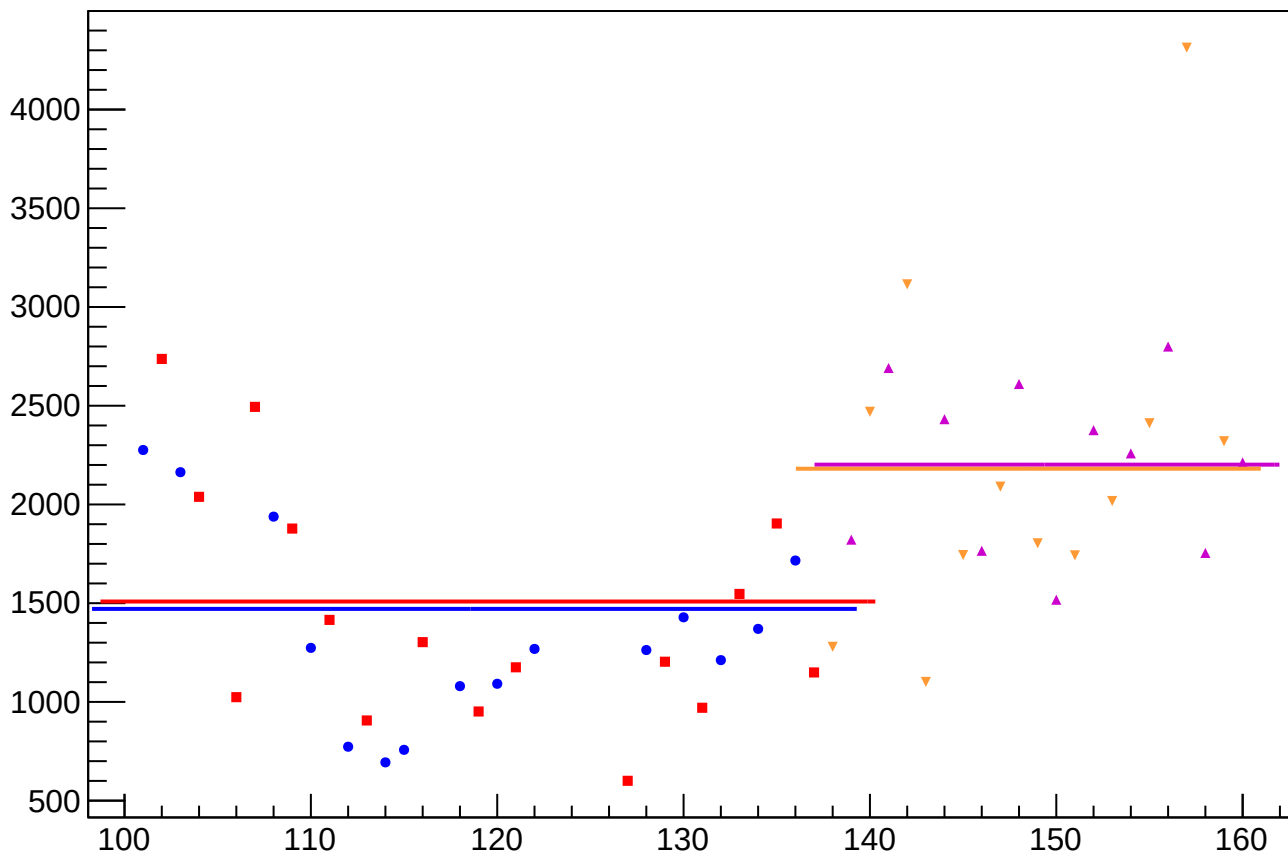
Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 28209.767+/-0.000	χ^2/NDF : 64052588208815786501271136154217957294080.0/11
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 32239.303+/-0.000	χ^2/NDF : 11931397875663177142812829998803541032960.0/10

+ sign 26717.396+/-0.000 χ^2/NDF : 8653618172568

All: 27690.553+/-0.000 χ^2/NDF : 1546543173

- 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: 2180.972+/-0.000 χ^2/NDF : 598703226121999788747151174026347413504.0/11

Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

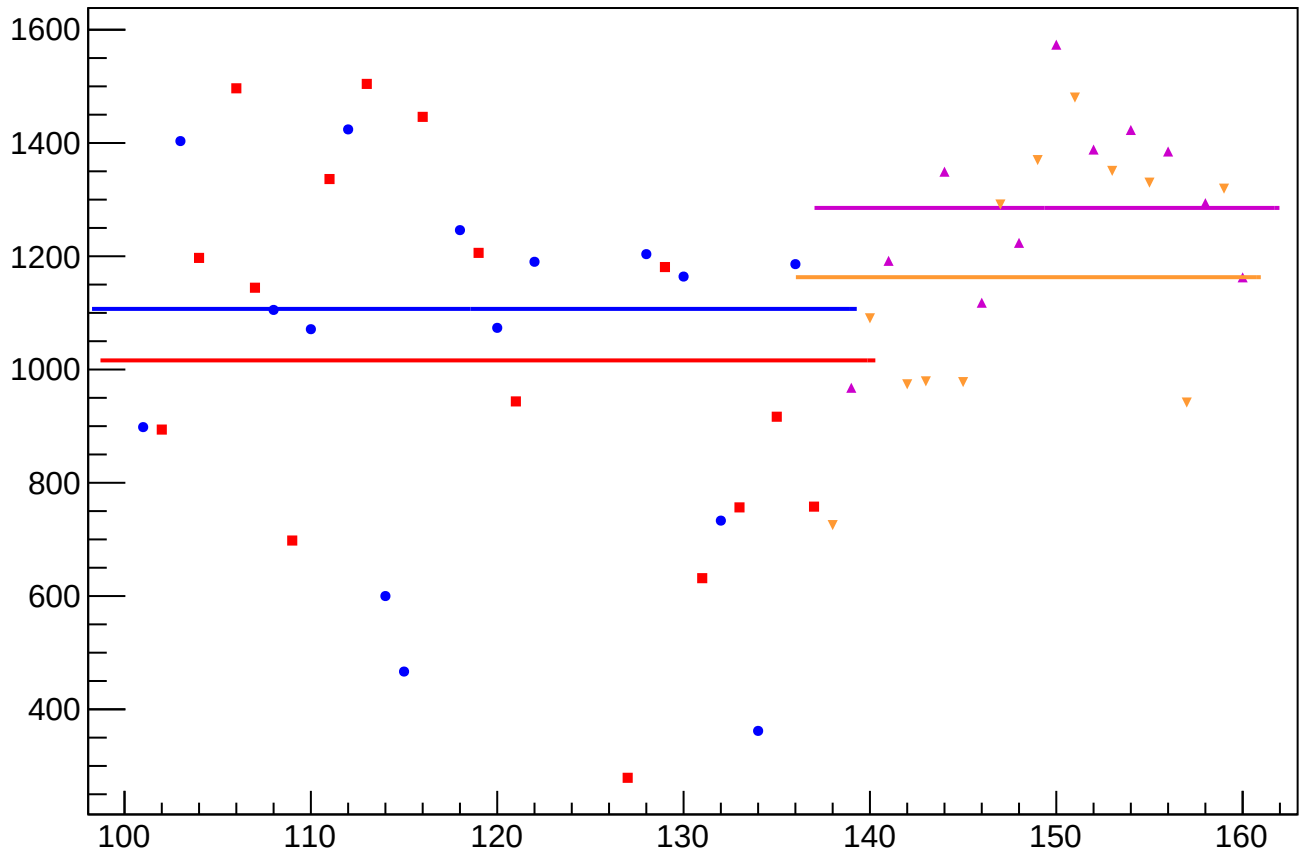
Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

+ sign 1886.776+/-0.000 χ^2/NDF : 92938717057142

All: 1898.980+/-0.000 χ^2/NDF : 15229636648

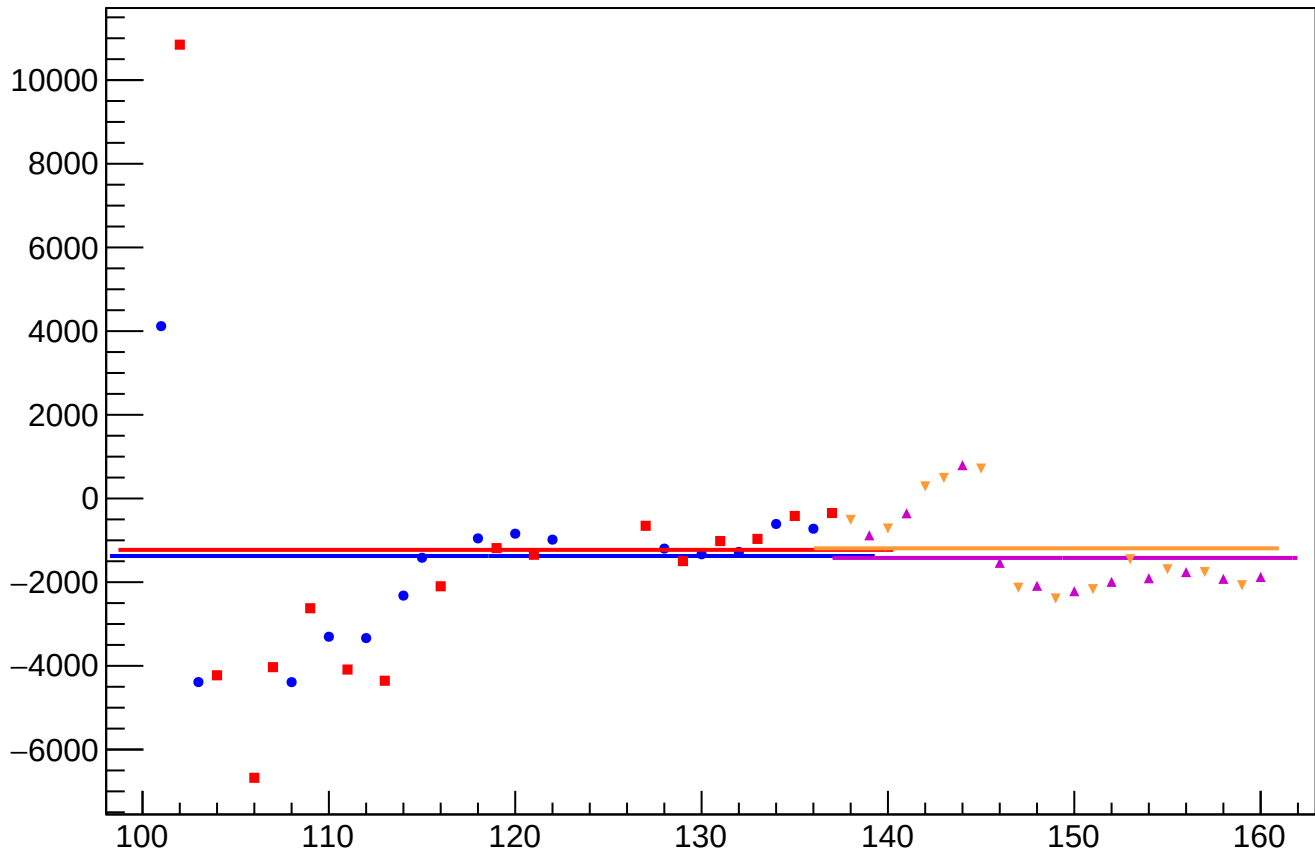
- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 ± 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 ± 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

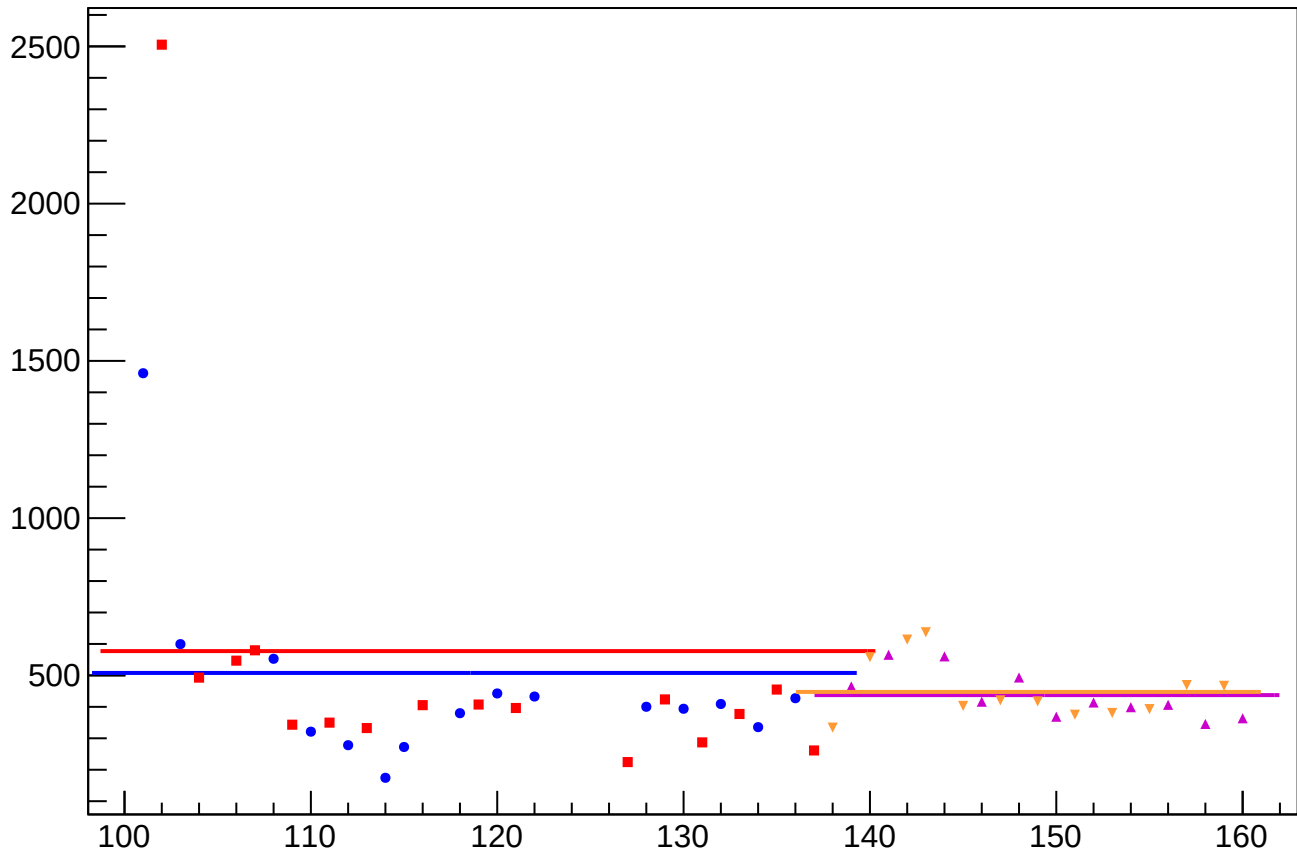
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1191.069+/-0.000	χ^2/NDF : 1015662132878322627077441101495867015168.0/11
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1420.806+/-0.000	χ^2/NDF : 747987085785920162637916932217361137664.0/10

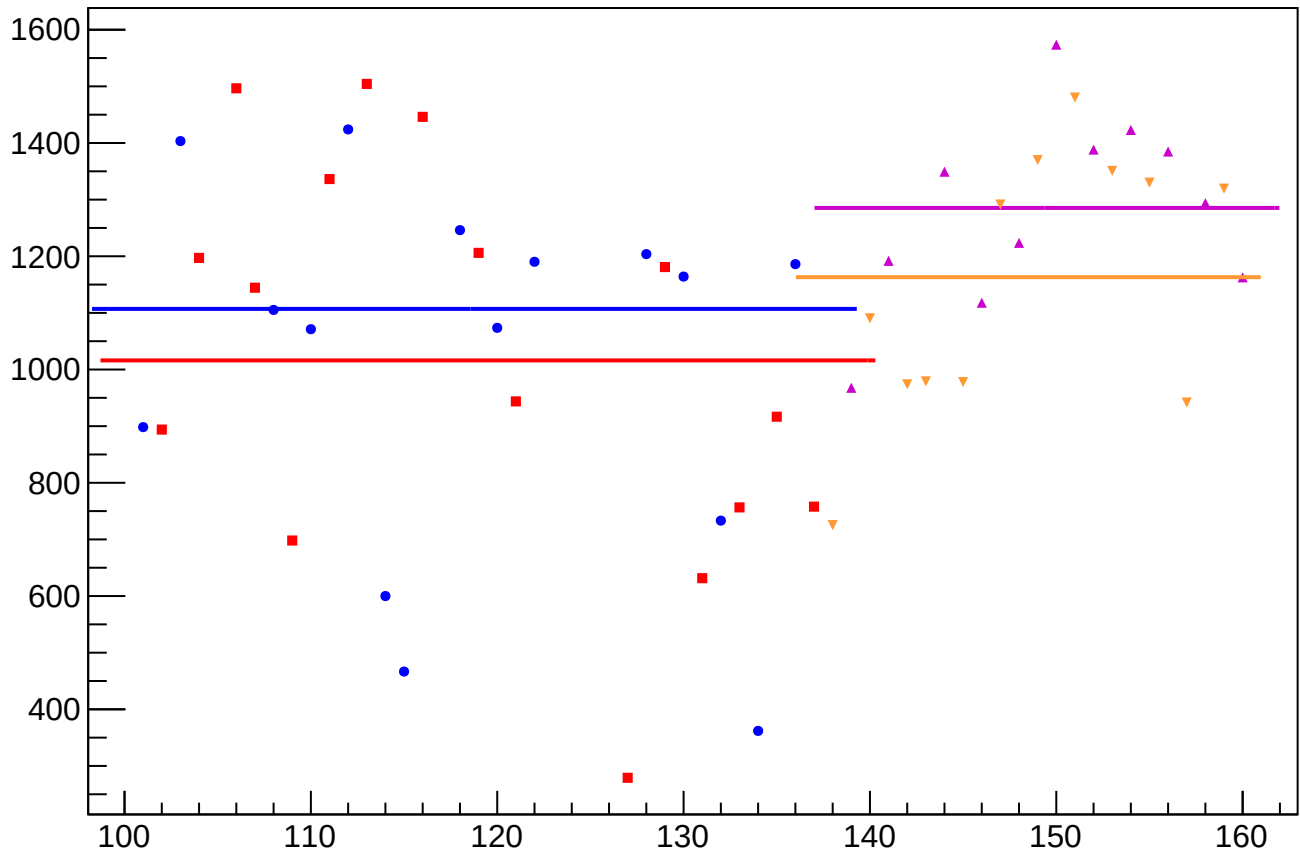
+ sign -1267.093+/-0.000 χ^2/NDF : 4101226272793
 All: -1303.797+/-0.000 χ^2/NDF : 1598313102
 - sign -1339.925+/-0.000 χ^2/NDF : 11877718404583

dit_atr1_coil4_err_mean vs Slug



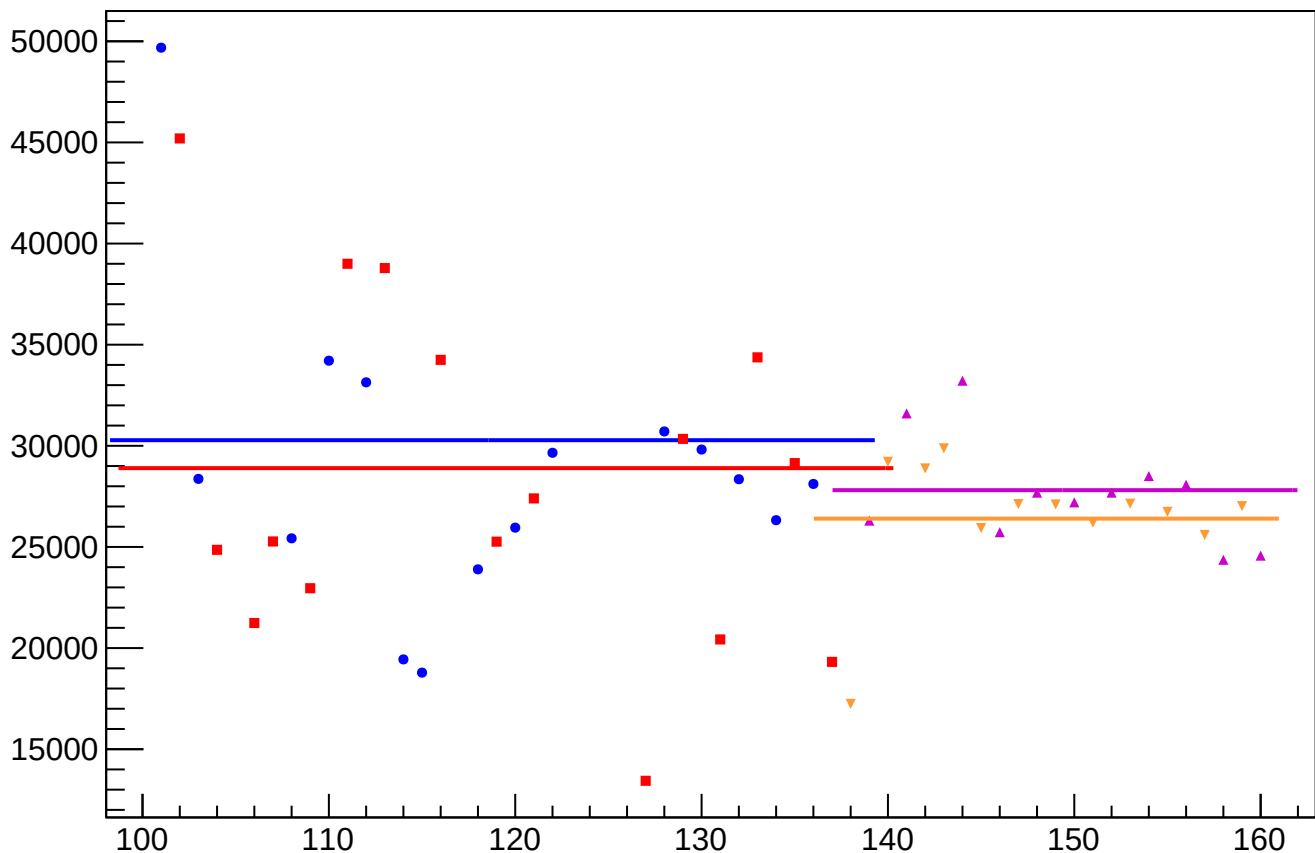
Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14
 Left Out: 447.436+/-0.000 χ^2/NDF : 7069072028969774638688985742751825920.0/11
 Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15
 Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 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: 1156.292+/-0.000 χ^2/NDF : 21306550198
 + sign 1139.844+/-0.000 χ^2/NDF : 87570338044863
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

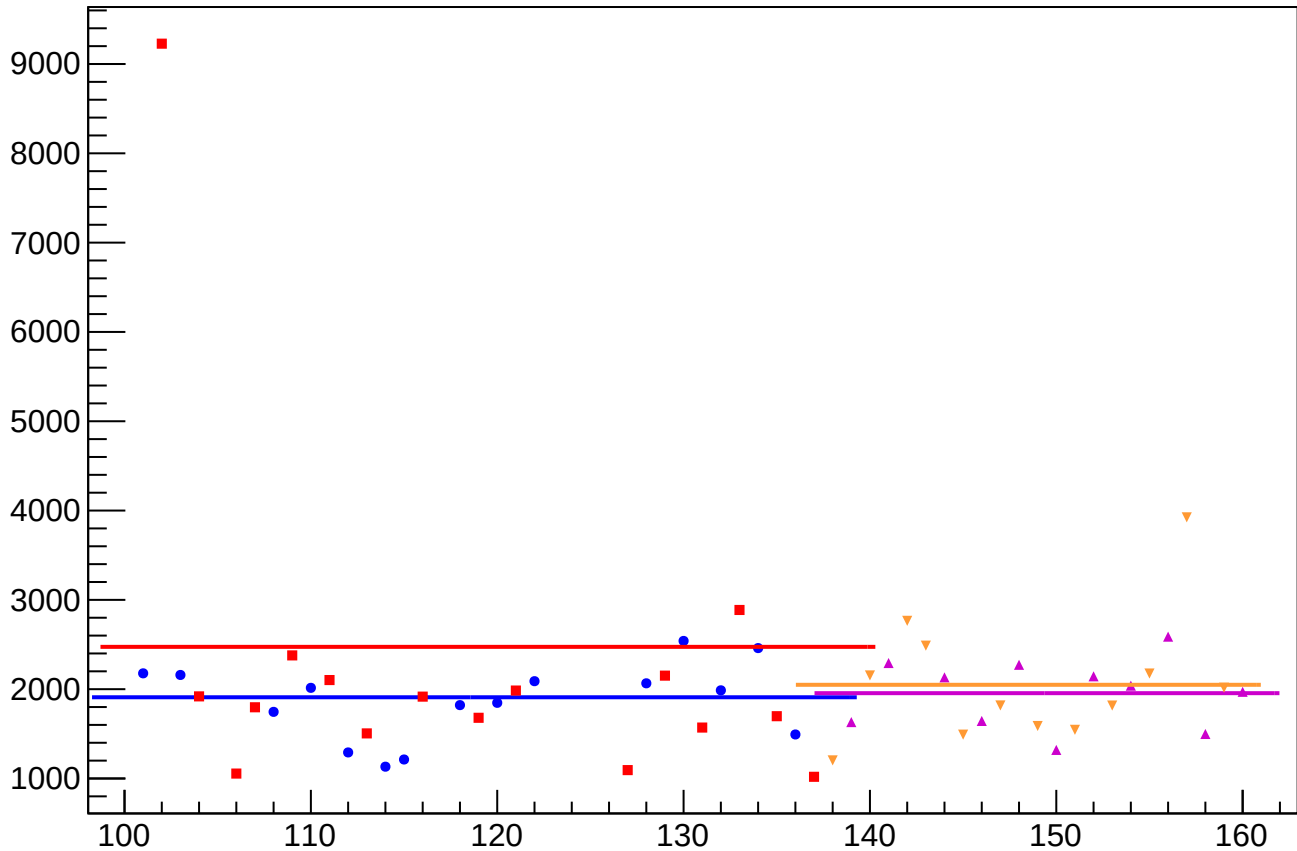
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26400.073+/-0.000	χ^2/NDF : 8523453532066542574243439899008376504320.0/11
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 28007.063+/-0.000 χ^2/NDF : 4521346262671
 All: 28136.456+/-0.000 χ^2/NDF : 9888751156
 - sign 28263.816+/-0.000 χ^2/NDF : 5362202344062

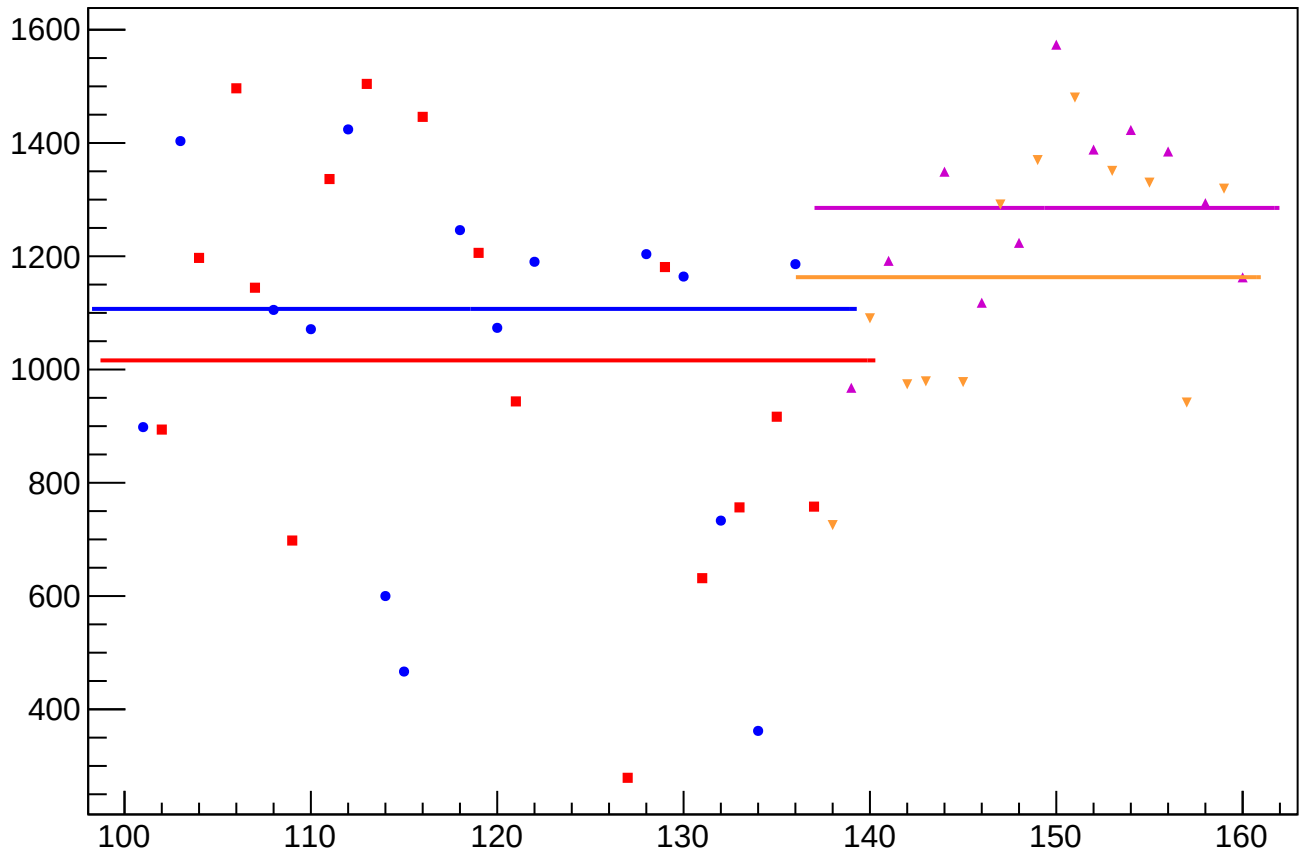
dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2049.063+/-0.000	χ^2/NDF : 443721100999295515672674036348509749248.0/11
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1955.312+/-0.000	χ^2/NDF : 126909052383838166035294082177347616768.0/10

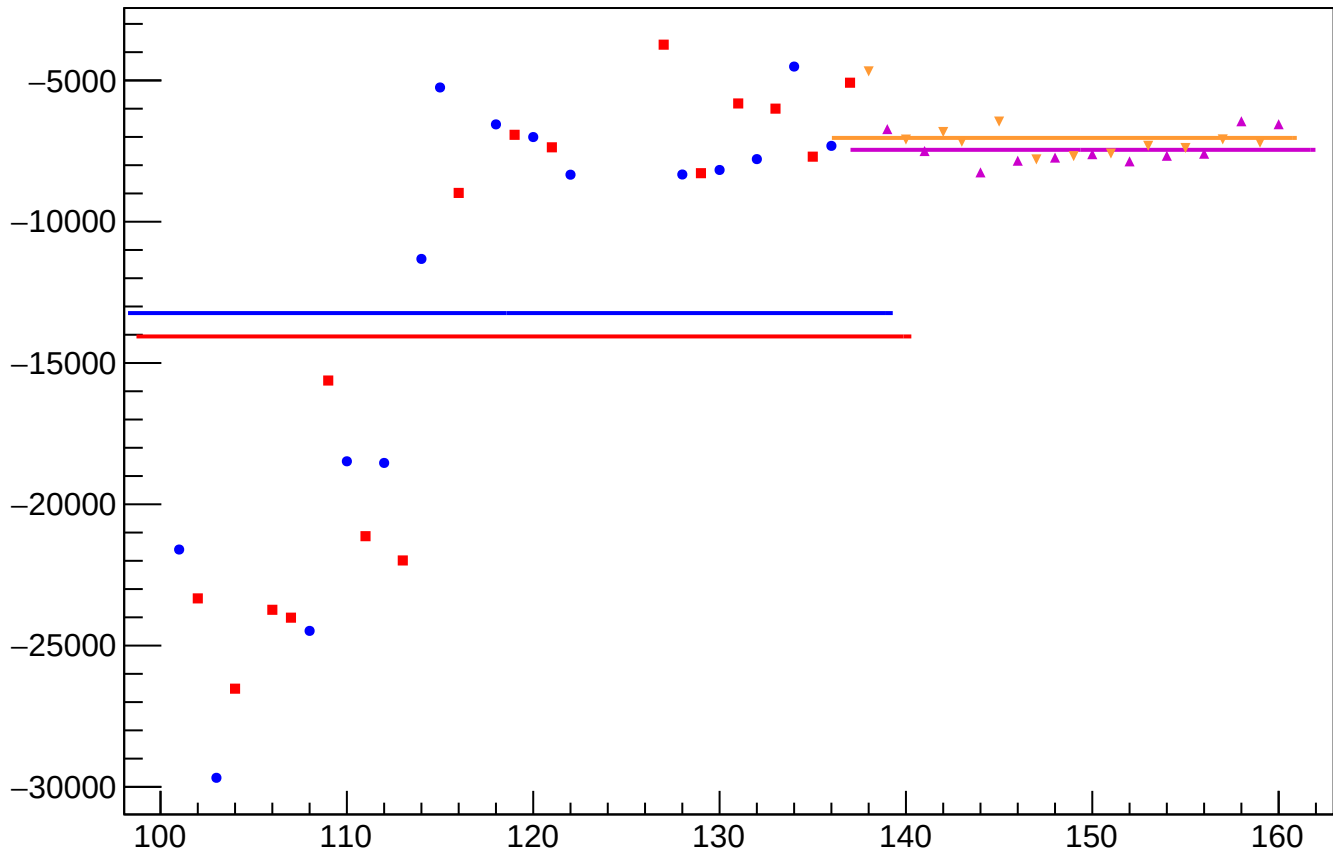
+ sign 1991.196+/-0.000 χ^2/NDF : 53876728825382
 All: 2082.694+/-0.000 χ^2/NDF : 38298070306
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



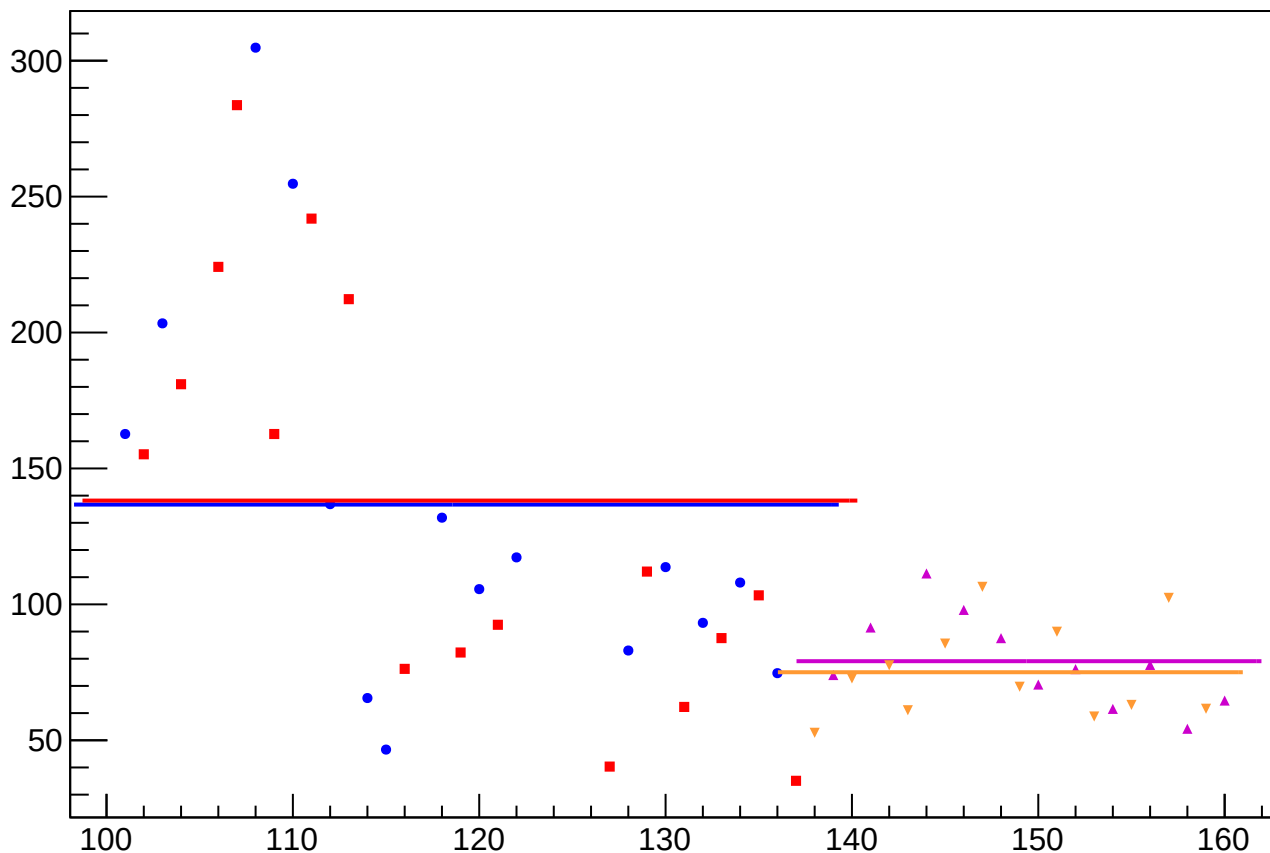
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 $\pm$ 0.000 χ^2 /NDF: 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -7034.420+/-0.000 χ^2/NDF : 586087700252049179265432435380023459840.0/11
 Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 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

+ sign 100.594 $\pm$ 0.000 χ^2/NDF : 439844373085825

Left Out: 75.033 $\pm$ 0.000 χ^2/NDF : 265697800274954088415608872374370304.0/11

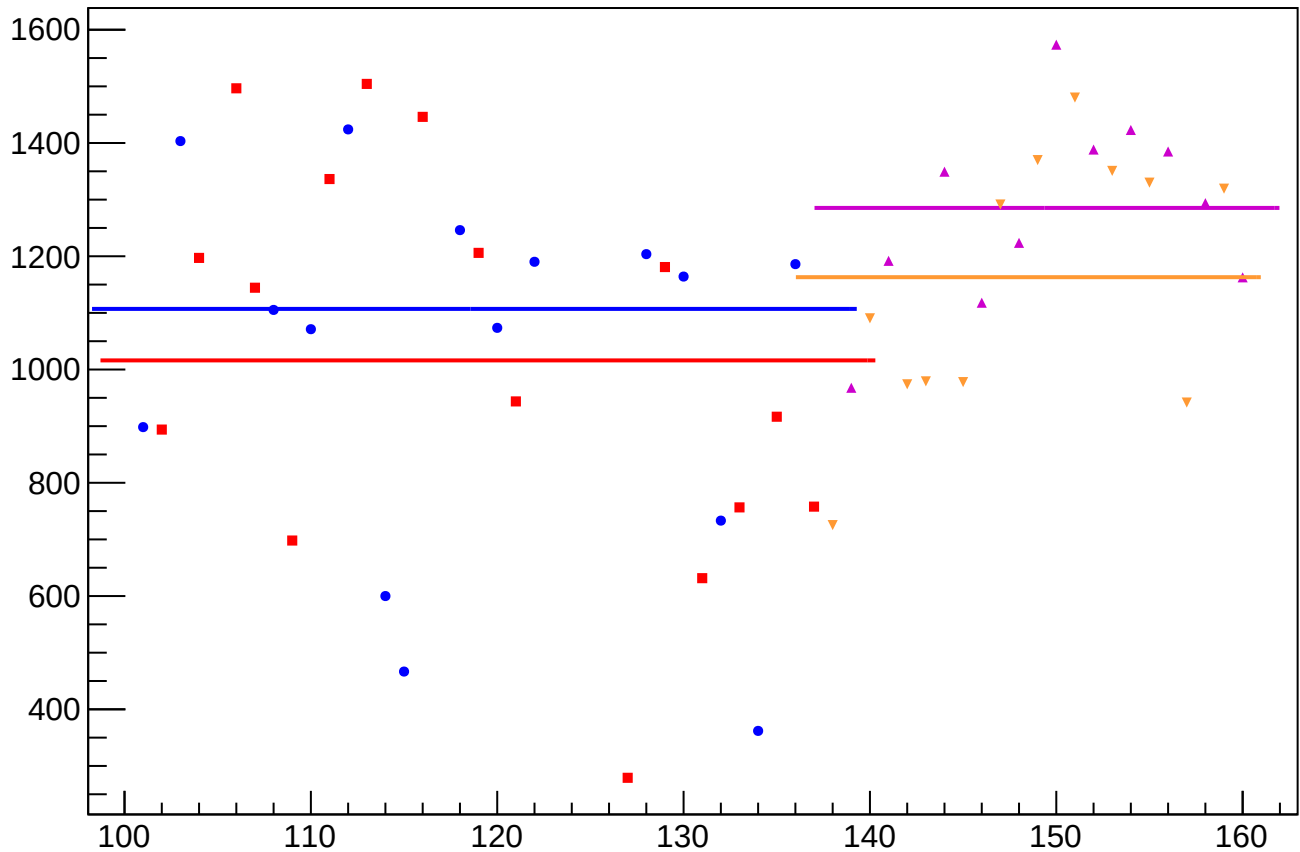
All: 102.243 $\pm$ 0.000 χ^2/NDF : 923398239612

Right Out: 138.179 $\pm$ 0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15

- sign 103.866 $\pm$ 0.000 χ^2/NDF : 482709269231347

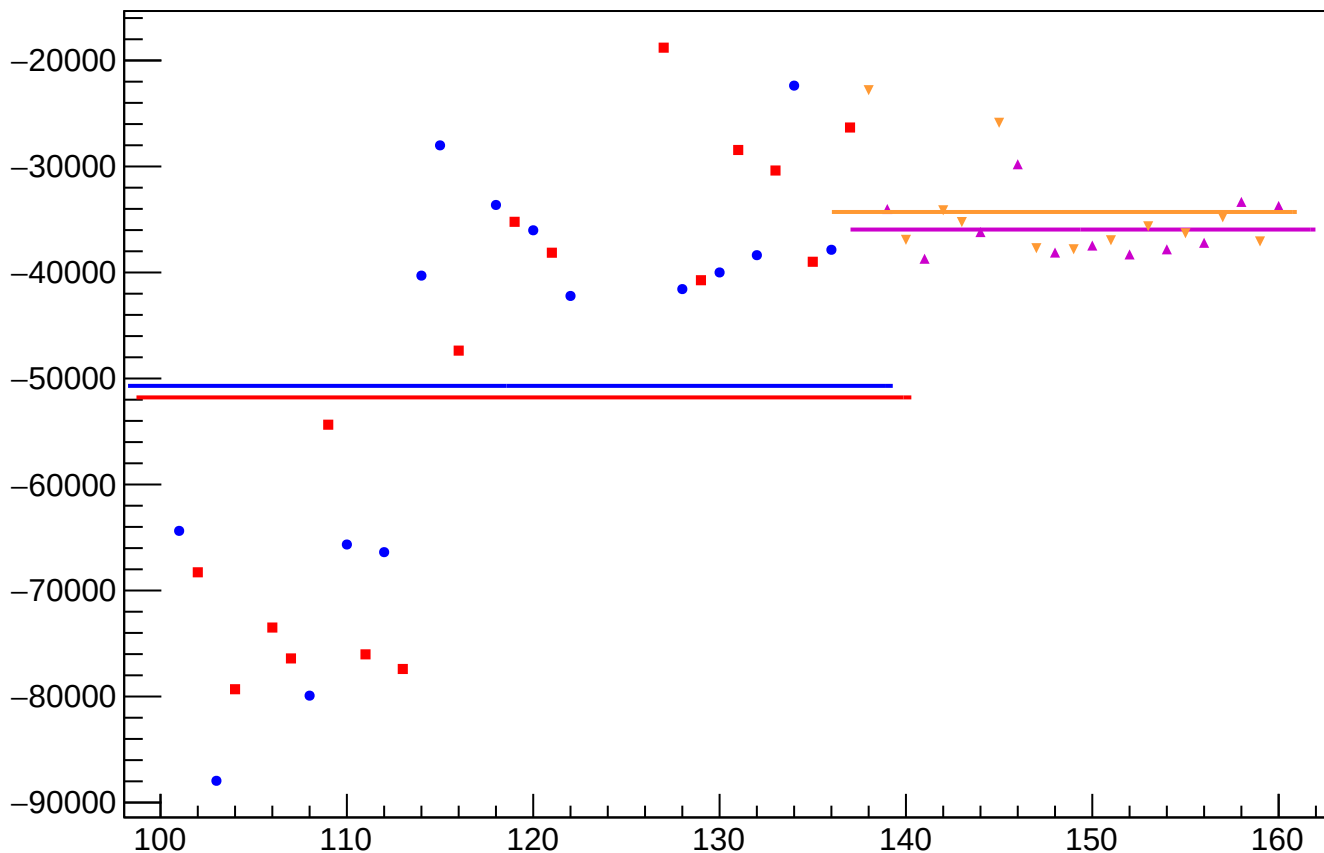
Left In: 79.096 $\pm$ 0.000 χ^2/NDF : 243975342218114768326270780809674752.0/10

dit_sam1_coil4_Ndata_mean vs Slug



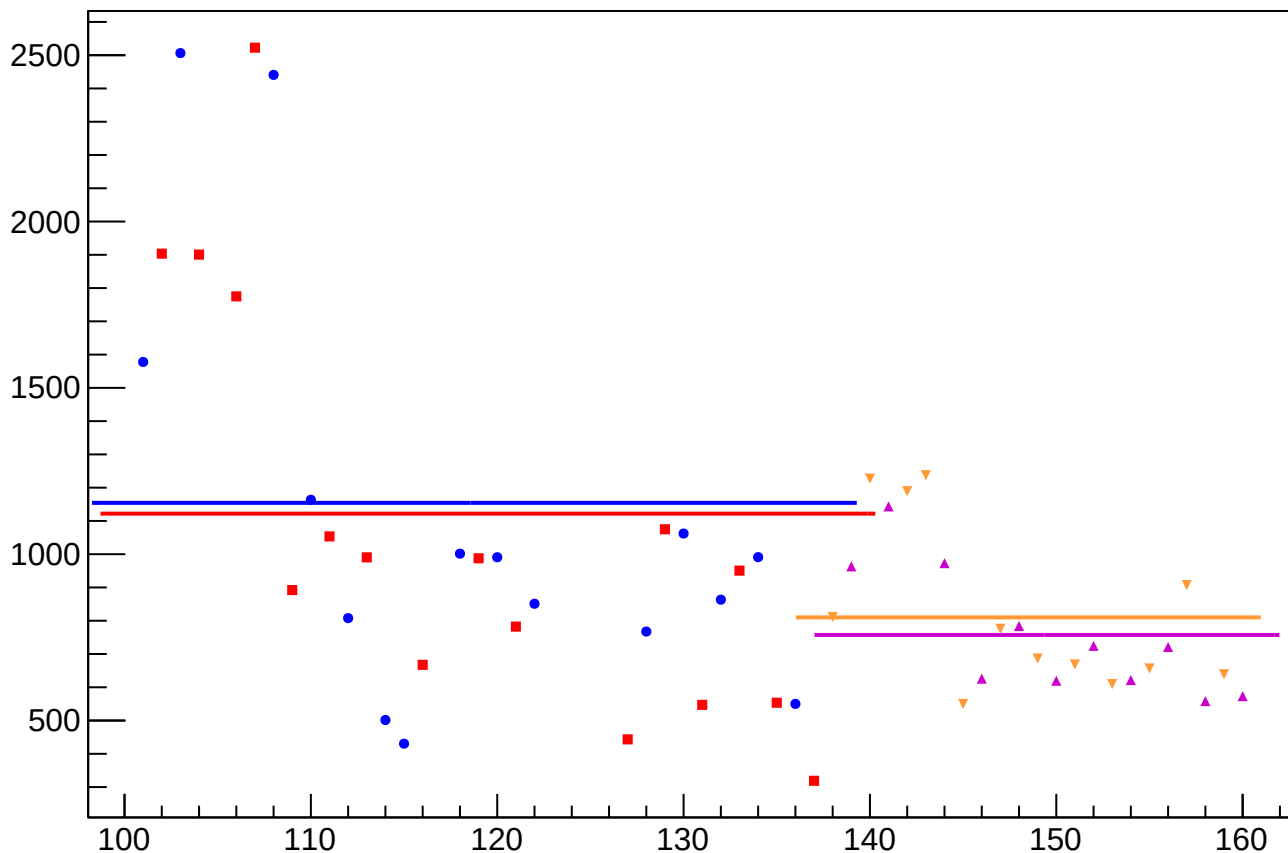
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1139.844+/-0.000	χ^2/NDF : 87570338044863
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	All: 1156.292+/-0.000	χ^2/NDF : 21306550198
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1172.482+/-0.000	χ^2/NDF : 12465444911625
Left In: 1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10		

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -34292.100+/-0.000 χ^2/NDF : 20273129403990820789866105908116664090624.0/11
 Right Out: -51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: -35949.660+/-0.000 χ^2/NDF : 6535777806152232441815832130596699635712.0/10
 All: -41844.961+/-0.000 χ^2/NDF : 736360968
 + sign -41090.157+/-0.000 χ^2/NDF : 349142060389
 - sign -42587.904+/-0.000 χ^2/NDF : 3854485377902

dit_sam2_coil4_err_mean vs Slug



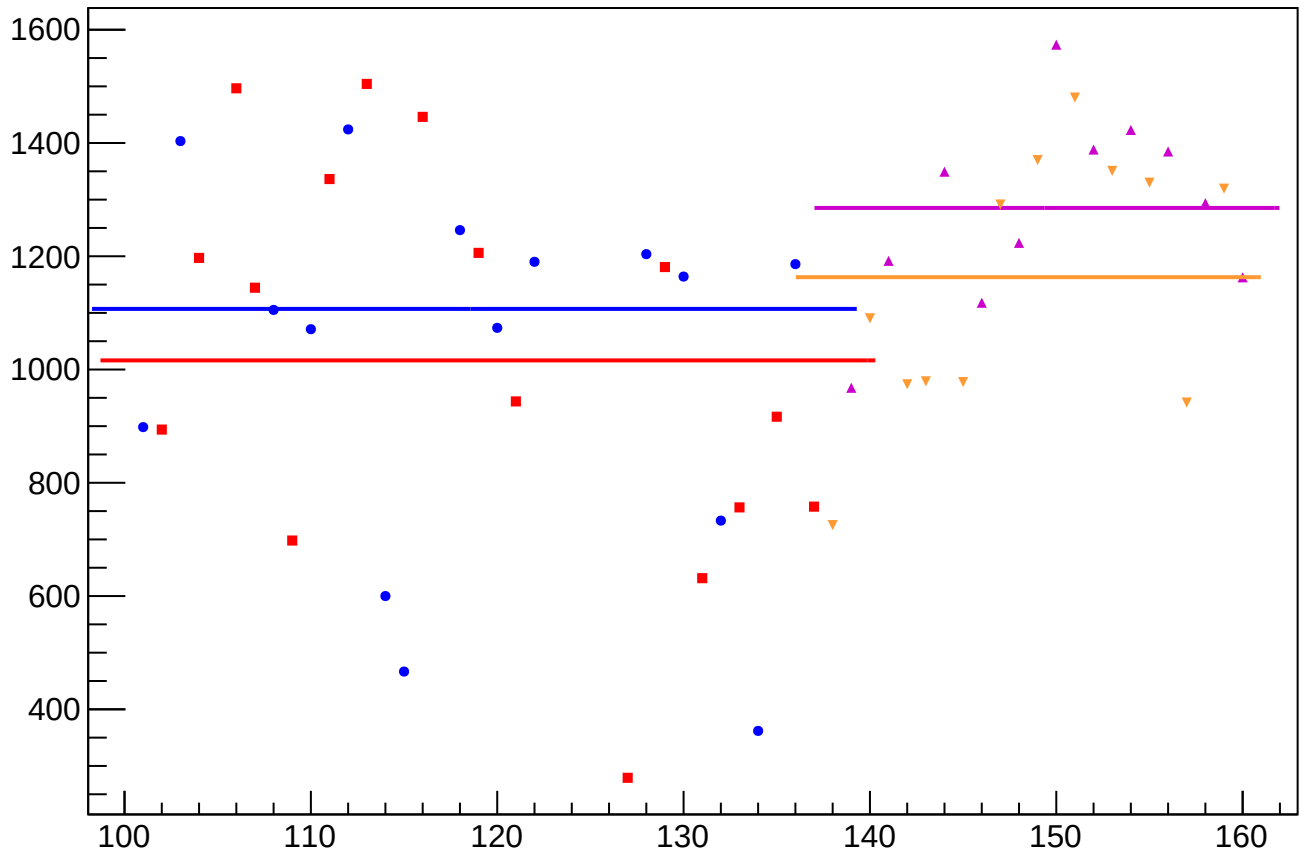
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 810.109+/-0.000 χ^2/NDF : 49902289627136601603211934324001603584.0/11

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

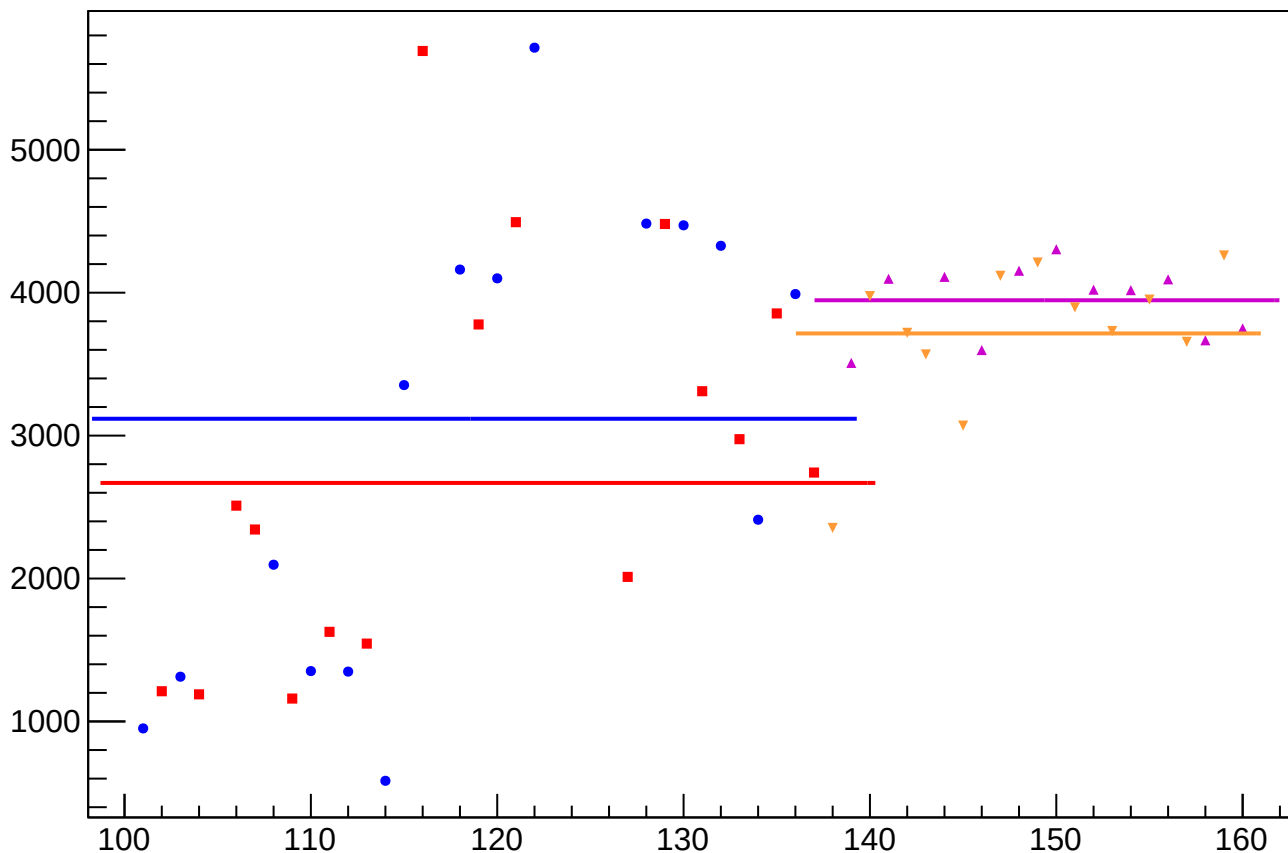
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

dit_sam2_coil4_Ndata_mean vs Slug



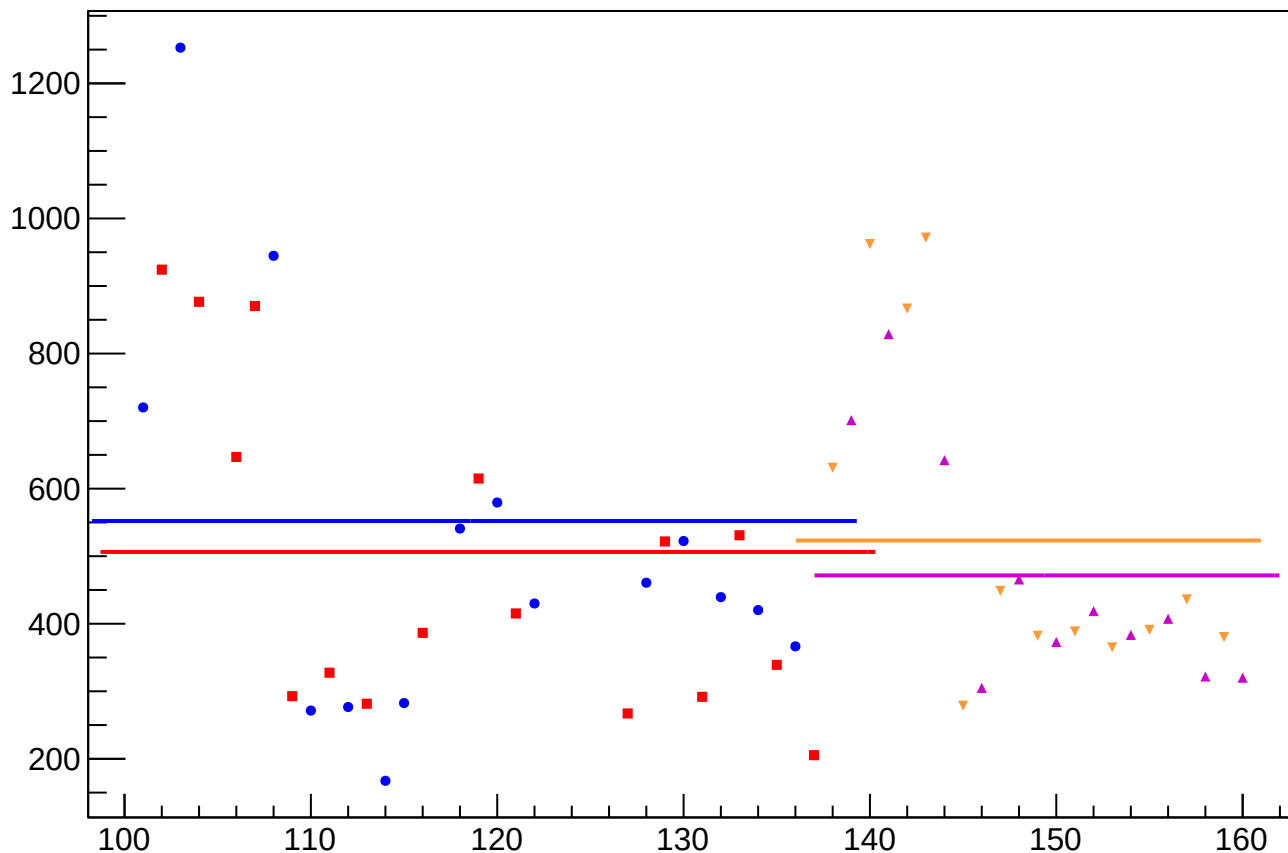
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1156.292+/-0.000 χ^2/NDF : 21306550198
 + sign 1139.844+/-0.000 χ^2/NDF : 87570338044863
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14	+ sign 3467.491+/-0.000	χ^2/NDF : 19378330855592
Left Out: 3714.902+/-0.000	χ^2/NDF : 249652403492940962475363372882127224832.0/11	All: 3439.103+/-0.000	χ^2/NDF : 37666438360
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15	- sign 3411.160+/-0.000	χ^2/NDF : 18263065086829
Left In: 3947.046+/-0.000	χ^2/NDF : 56963661018859057070812095134472077312.0/10		

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 523.267+/-0.000 χ^2/NDF : 49702866244992097410386834059494948864.0/11

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

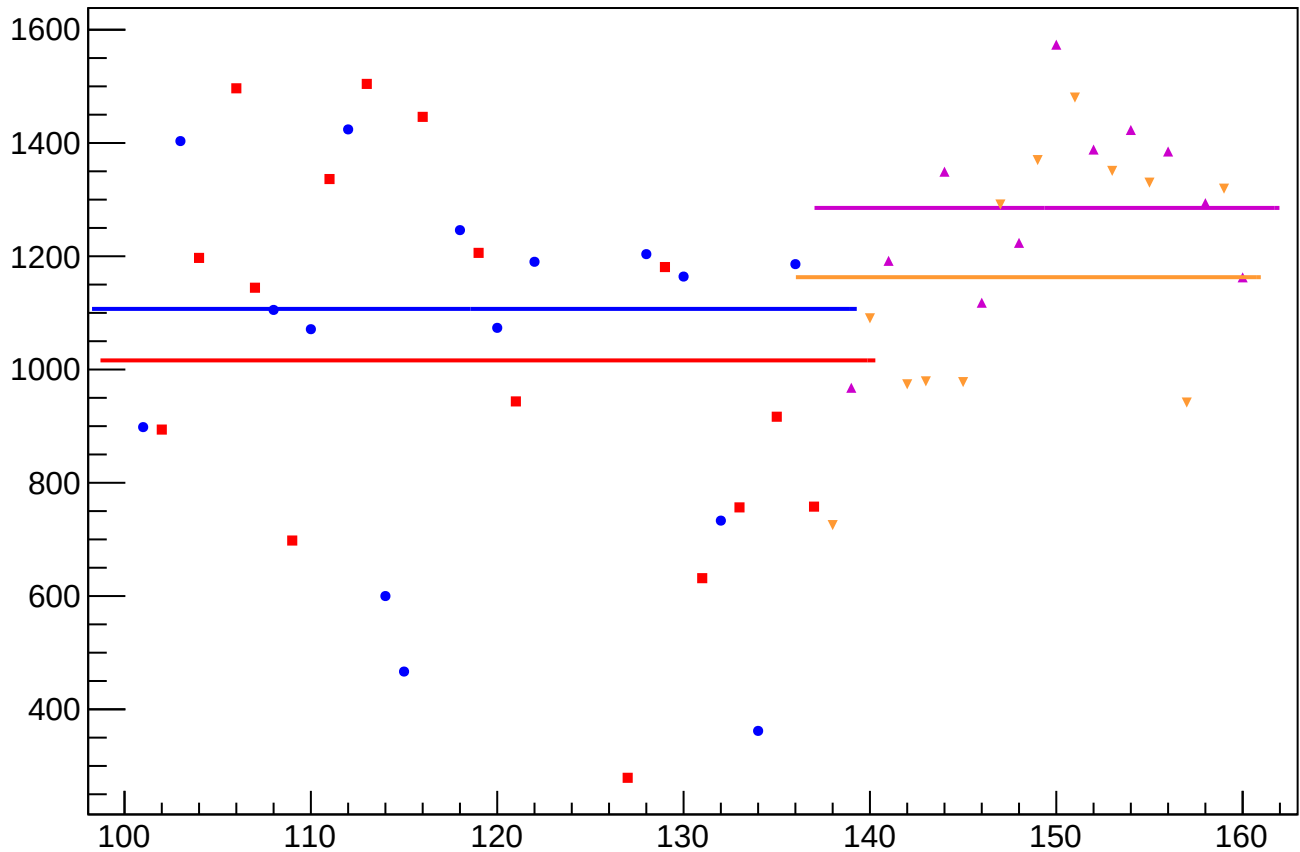
Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

+ sign 535.220+/-0.000 χ^2/NDF : 100758027166631

All: 510.481+/-0.000 χ^2/NDF : 165991542524

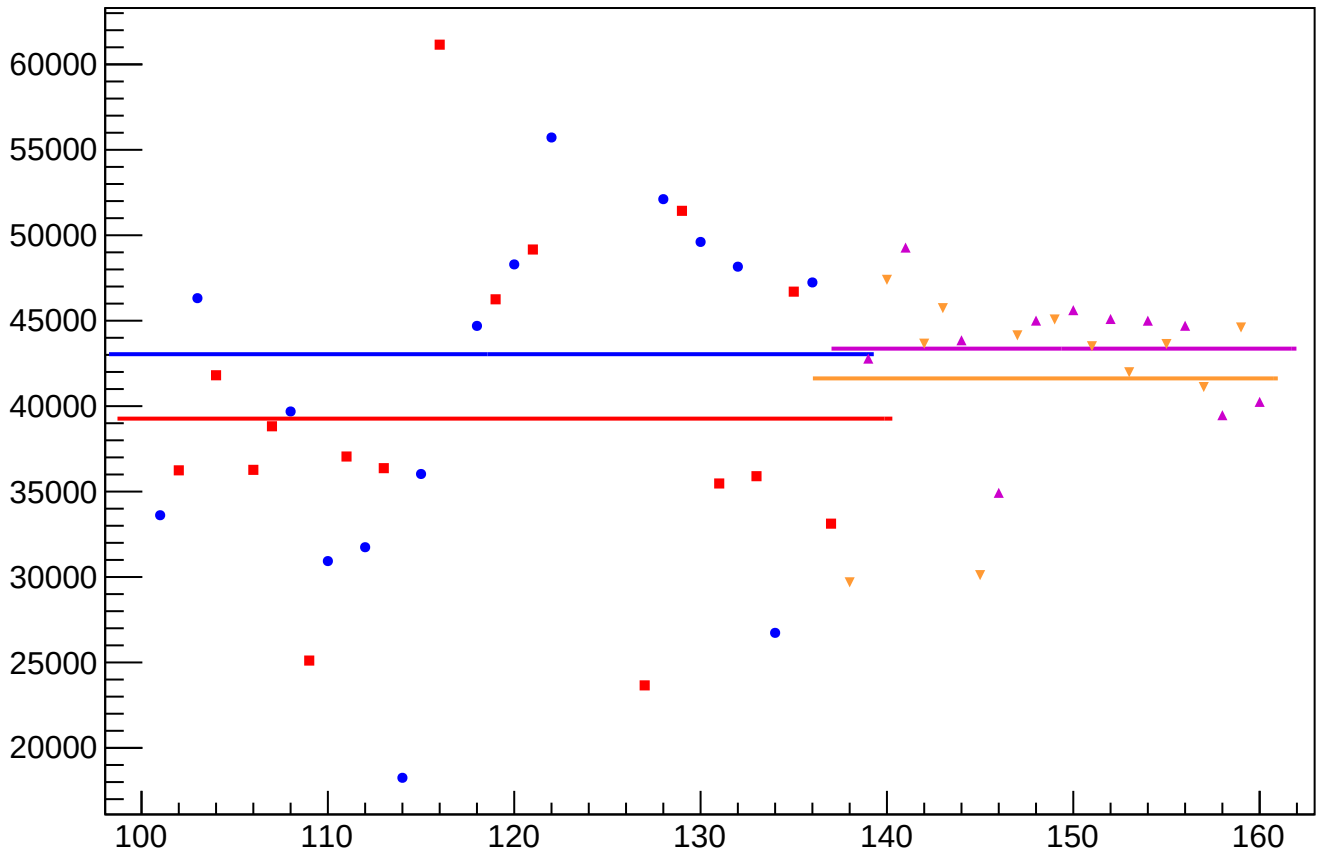
- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 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: 1156.292+/-0.000 χ^2/NDF : 21306550198
 + sign 1139.844+/-0.000 χ^2/NDF : 87570338044863
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

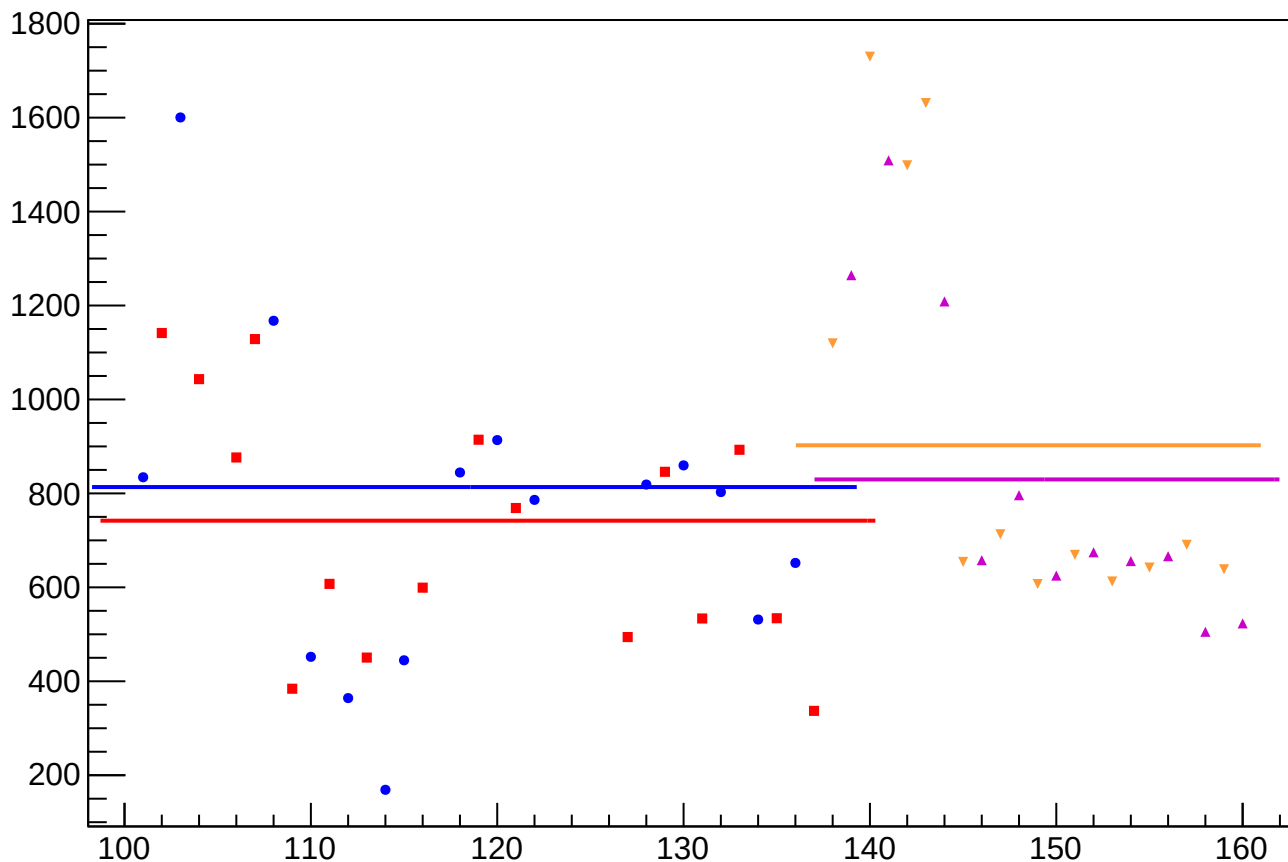
dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41622.622+/-0.000	χ^2/NDF : 28728414397722339003377552504288532496384.0/11
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 42209.998+/-0.000 χ^2/NDF : 7788886231036
 All: 41926.784+/-0.000 χ^2/NDF : 1487175221
 - 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: 902.421 $\pm$ 0.000 χ^2 /NDF: 152718326074036425760692281422815166464.0/11

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

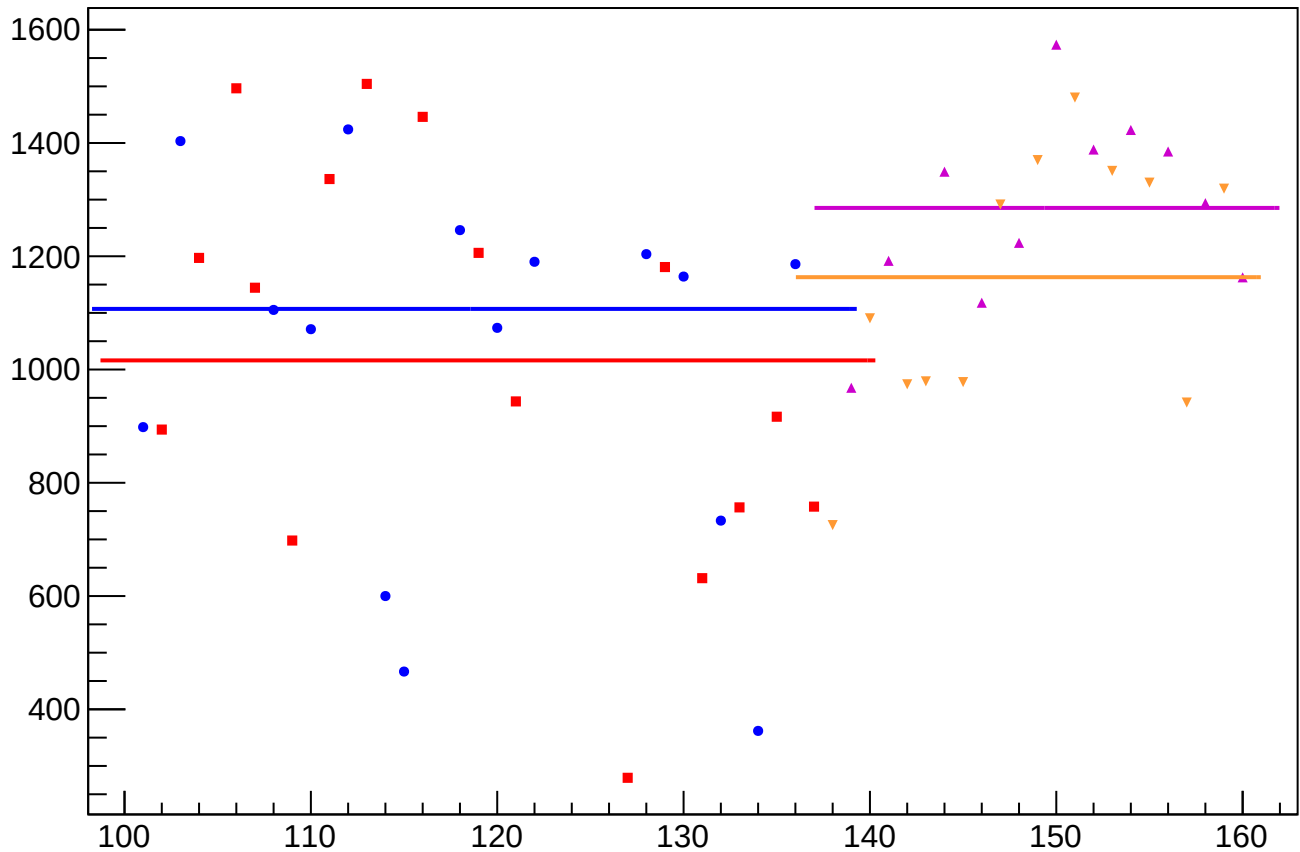
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

+ sign 865.569 $\pm$ 0.000 χ^2 /NDF: 222844128220423

All: 828.949 $\pm$ 0.000 χ^2 /NDF: 37014966283

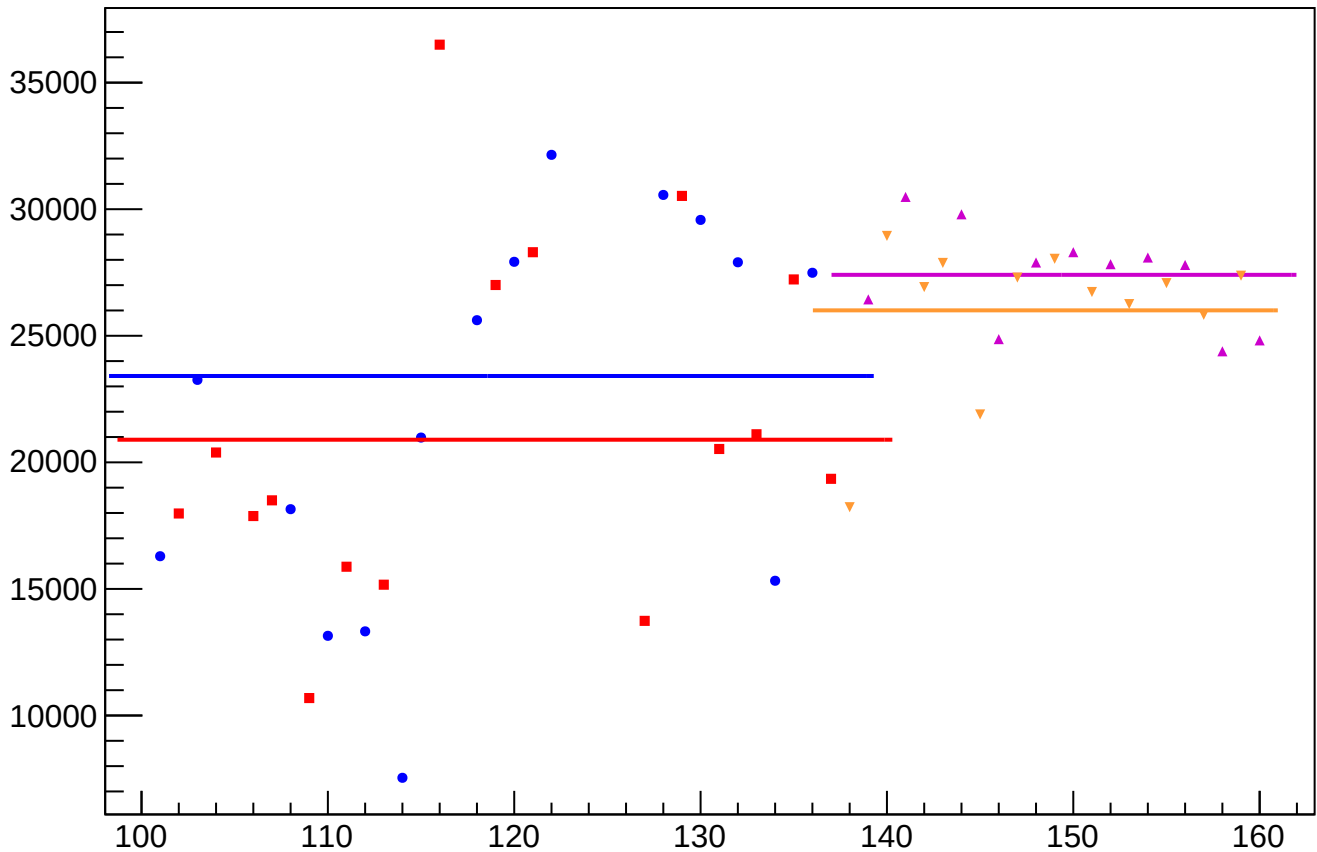
- sign 792.905 $\pm$ 0.000 χ^2 /NDF: 143138450835251

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 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: 1156.292 +/- 0.000 χ^2/NDF : 21306550198
 + sign 1139.844 +/- 0.000 χ^2/NDF : 87570338044863
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

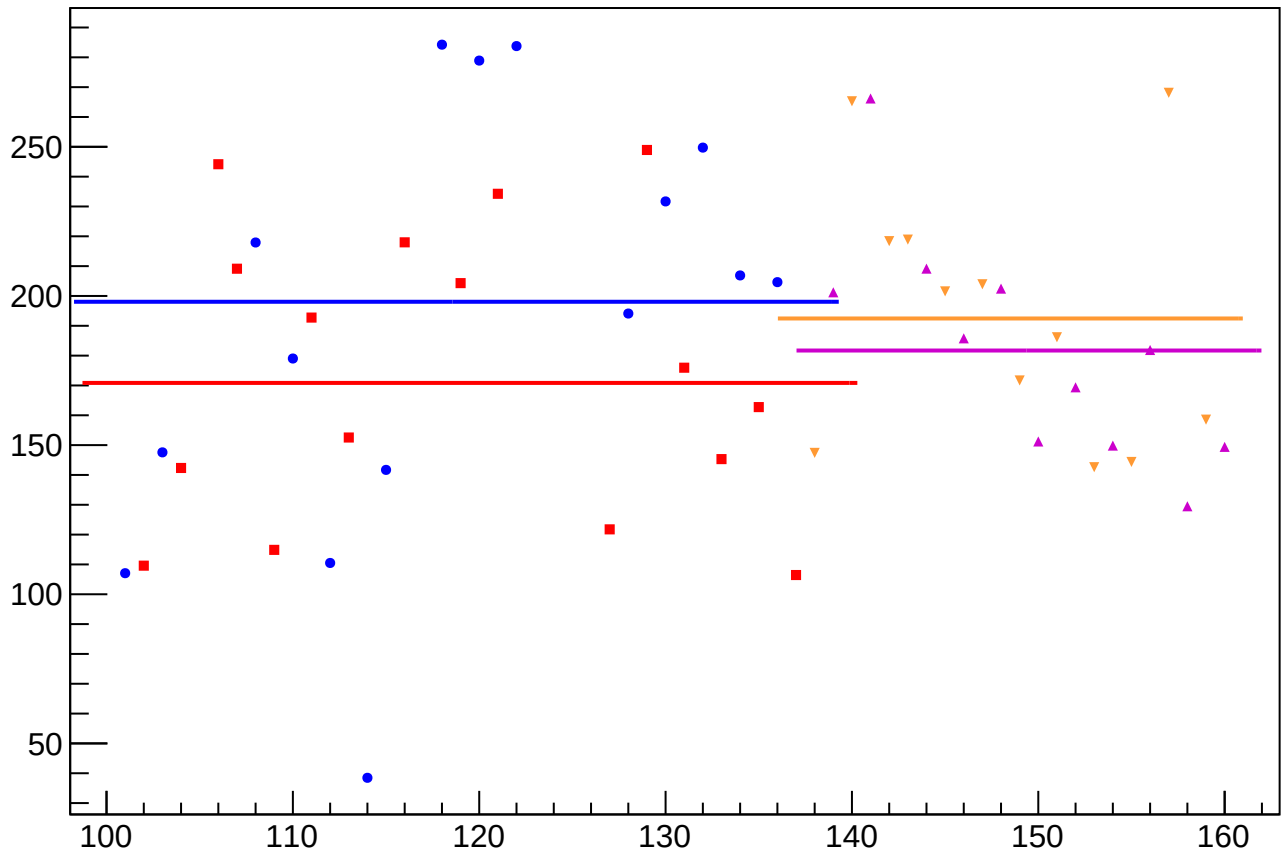
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 26004.082+/-0.000	χ^2/NDF : 7839626408572155503333833682521065259008.0/11
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27407.255+/-0.000	χ^2/NDF : 3322659858866093858426557456838465421312.0/10

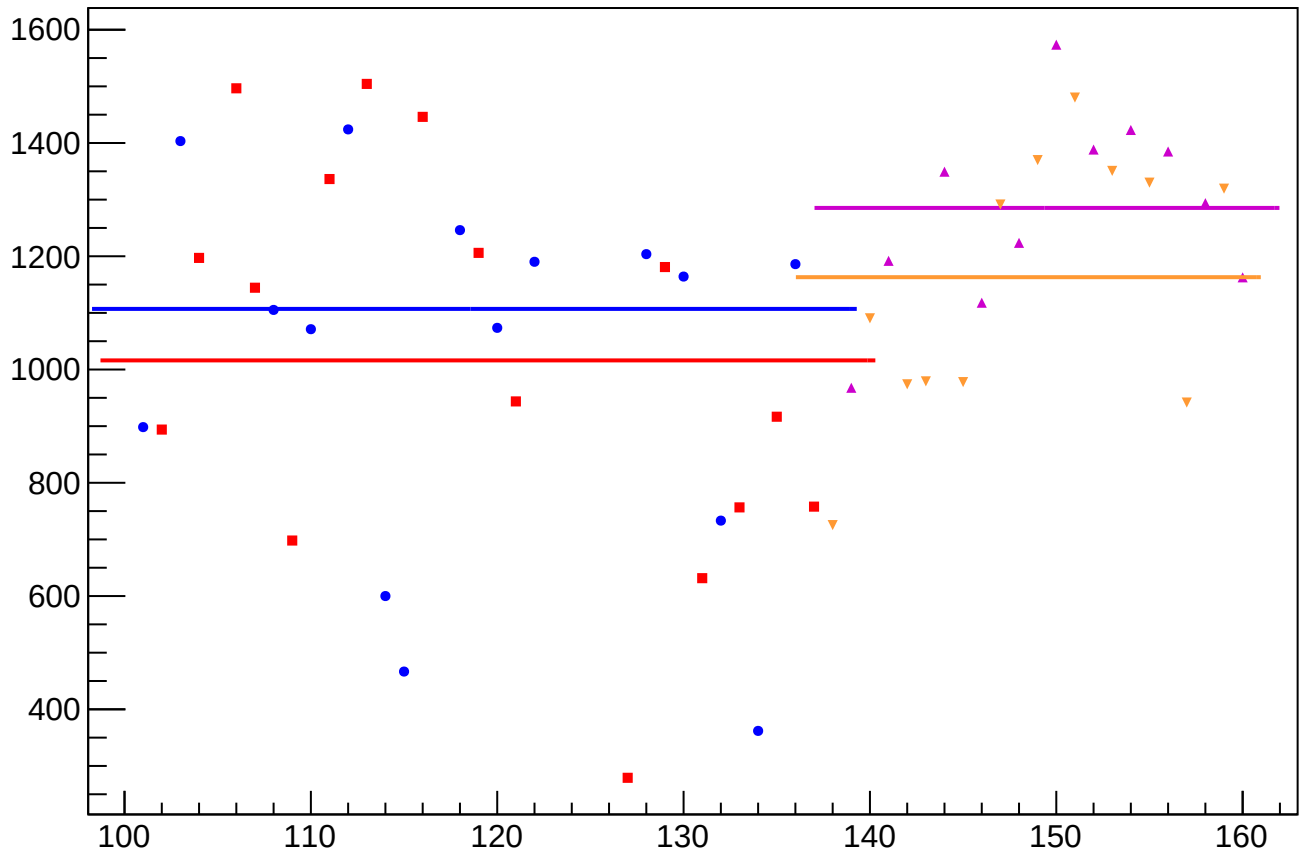
+ sign 24929.637+/-0.000 χ^2/NDF : 3882146204538
 All: 24802.184+/-0.000 χ^2/NDF : 8603621147
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14
 Left Out: 192.452+/-0.000 χ^2/NDF : 1667687947841400069416399021327515648.0/11
 Right Out: 170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15
 Left In: 181.711+/-0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

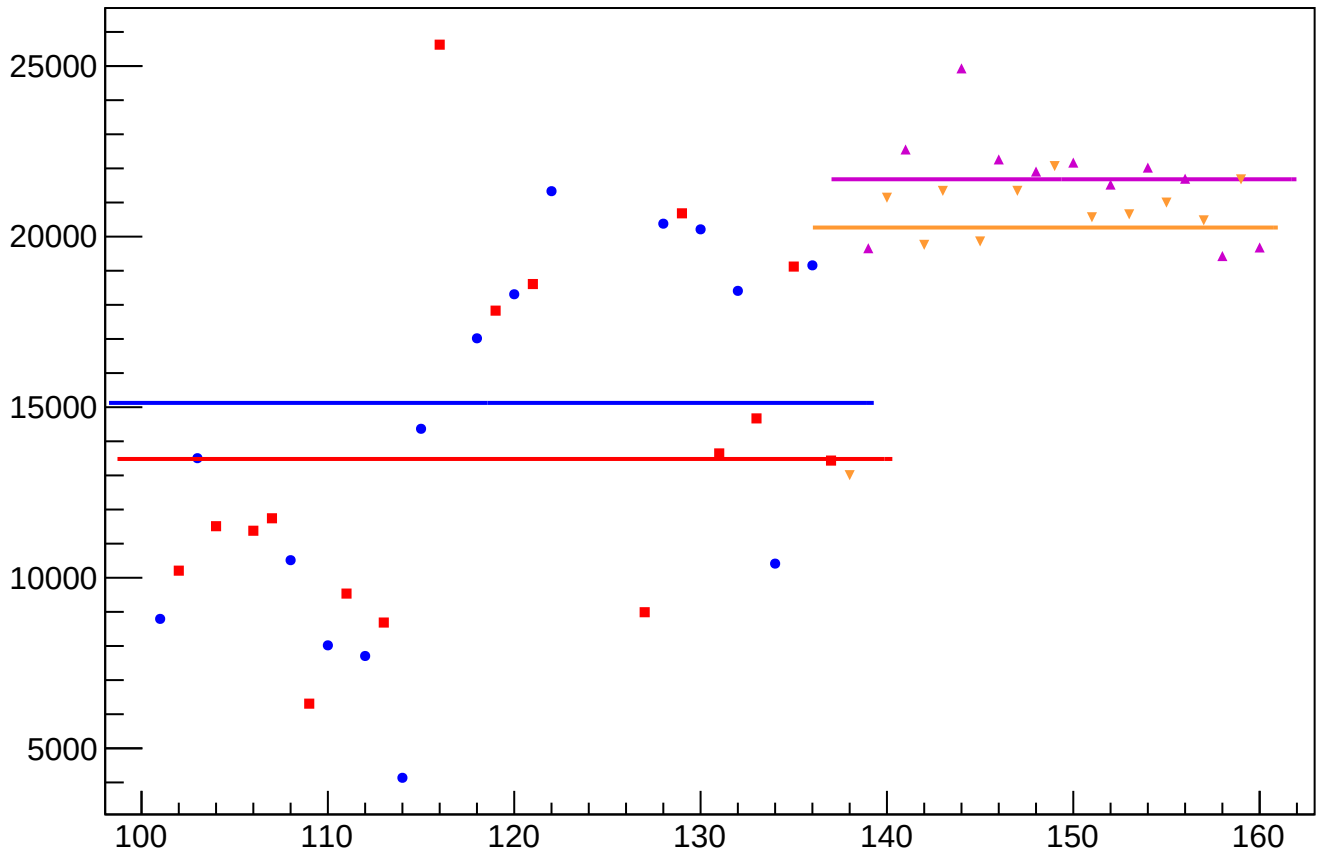
dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 ± 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 ± 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1139.844 ± 0.000 χ^2/NDF : 87570338044863
 All: 1156.292 ± 0.000 χ^2/NDF : 21306550198
 - sign 1172.482 ± 0.000 χ^2/NDF : 12465444911625

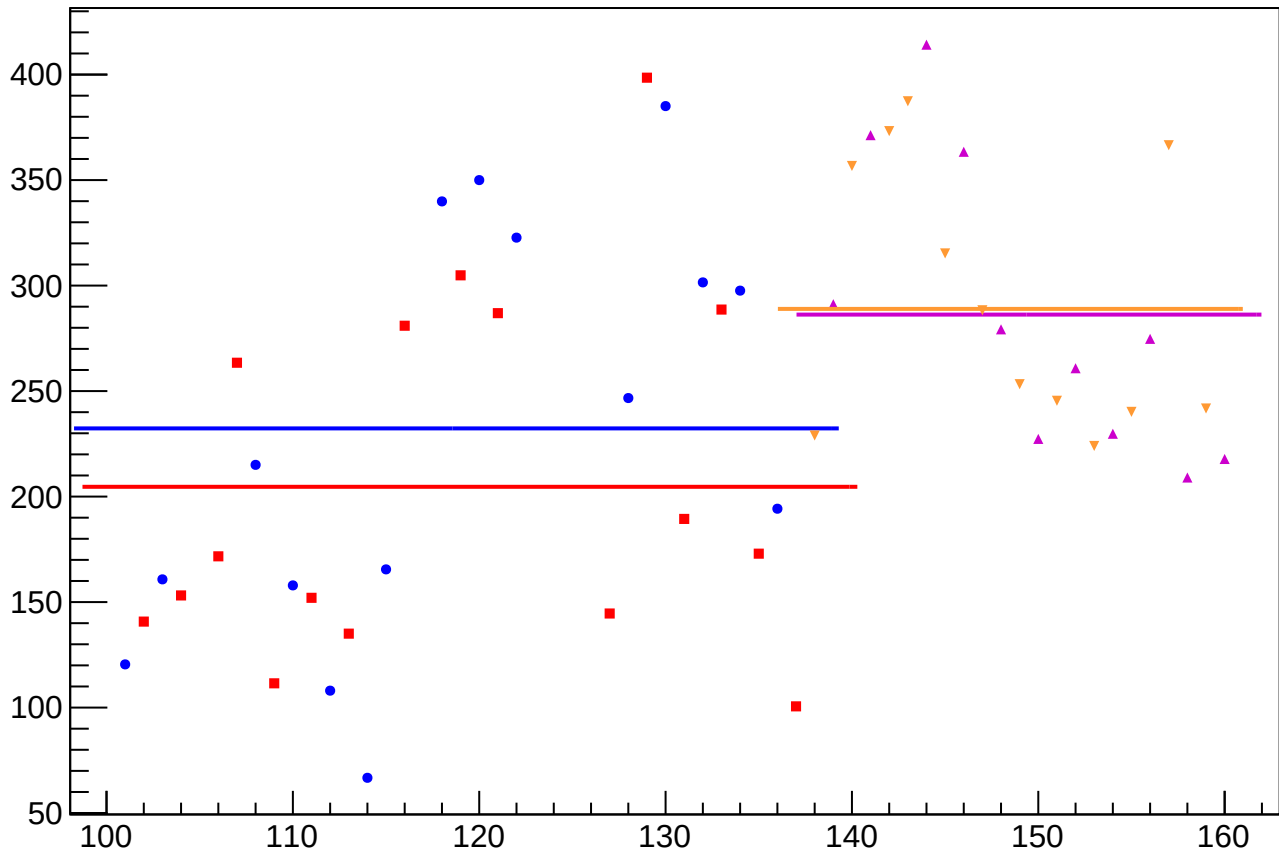
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20266.540+/-0.000	χ^2/NDF : 4863660224752470739172242695454111825920.0/11
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 21681.241+/-0.000	χ^2/NDF : 2108874573649202621711530332866310307840.0/10

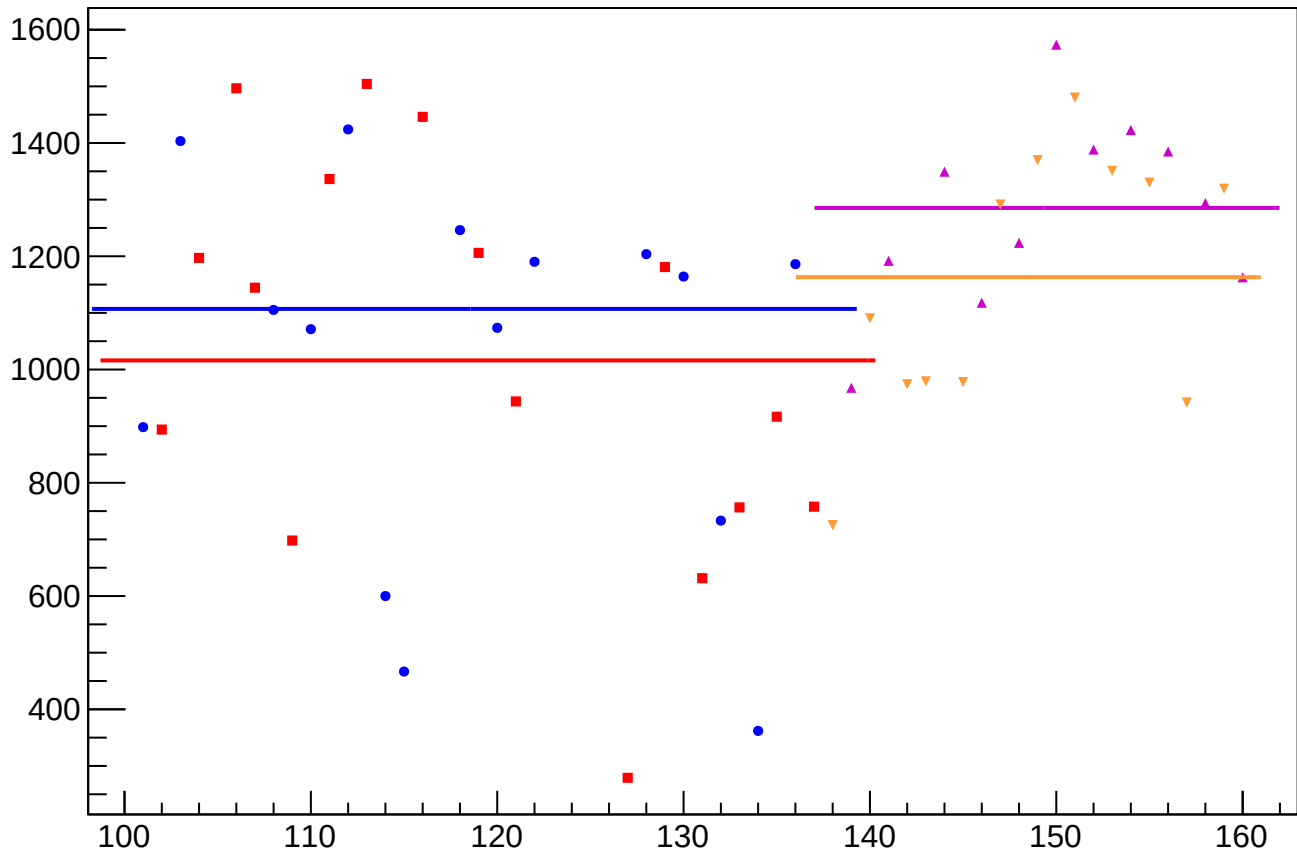
+ sign 18136.069+/-0.000 χ^2/NDF : 3152220068910
 All: 18190.436+/-0.000 χ^2/NDF : 7559116813
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

dit_sam6_coil4_err_mean vs Slug



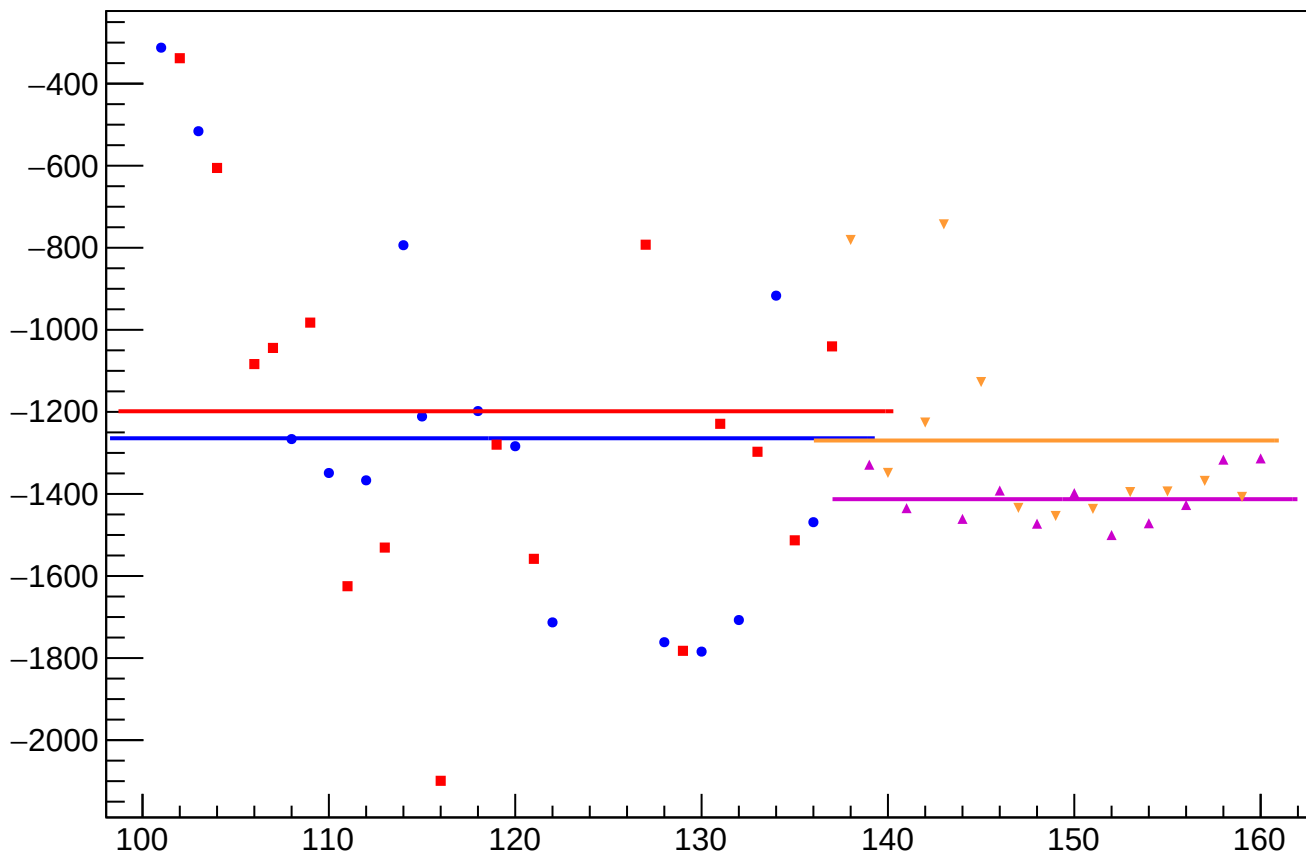
Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14
 Left Out: 288.949+/-0.000 χ^2/NDF : 3144080021405635930356092886432350208.0/11
 Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15
 Left In: 286.246+/-0.000 χ^2/NDF : 4067110443230234744644750983181631488.0/10

dit_sam6_coil4_Ndata_mean vs Slug



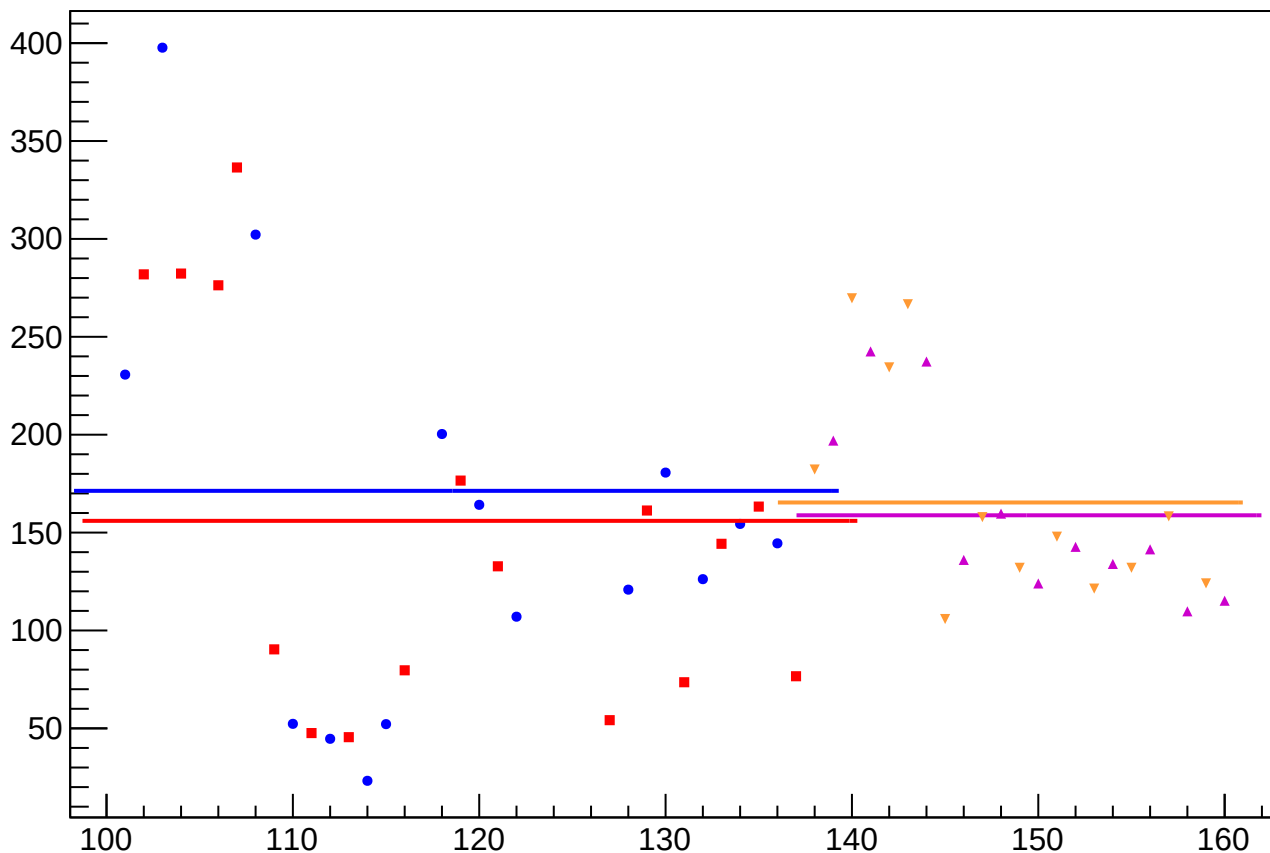
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1156.292 +/- 0.000 χ^2/NDF : 21306550198
 + sign 1139.844 +/- 0.000 χ^2/NDF : 87570338044863
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam7_coil4_mean vs Slug



Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1269.744 ± 0.000 χ^2/NDF : 51411109749220710488956261055634341888.0/11
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771 ± 0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14

Left Out: 165.375+/-0.000 χ^2/NDF : 2622335351174785803279271276281069568.0/11

Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15

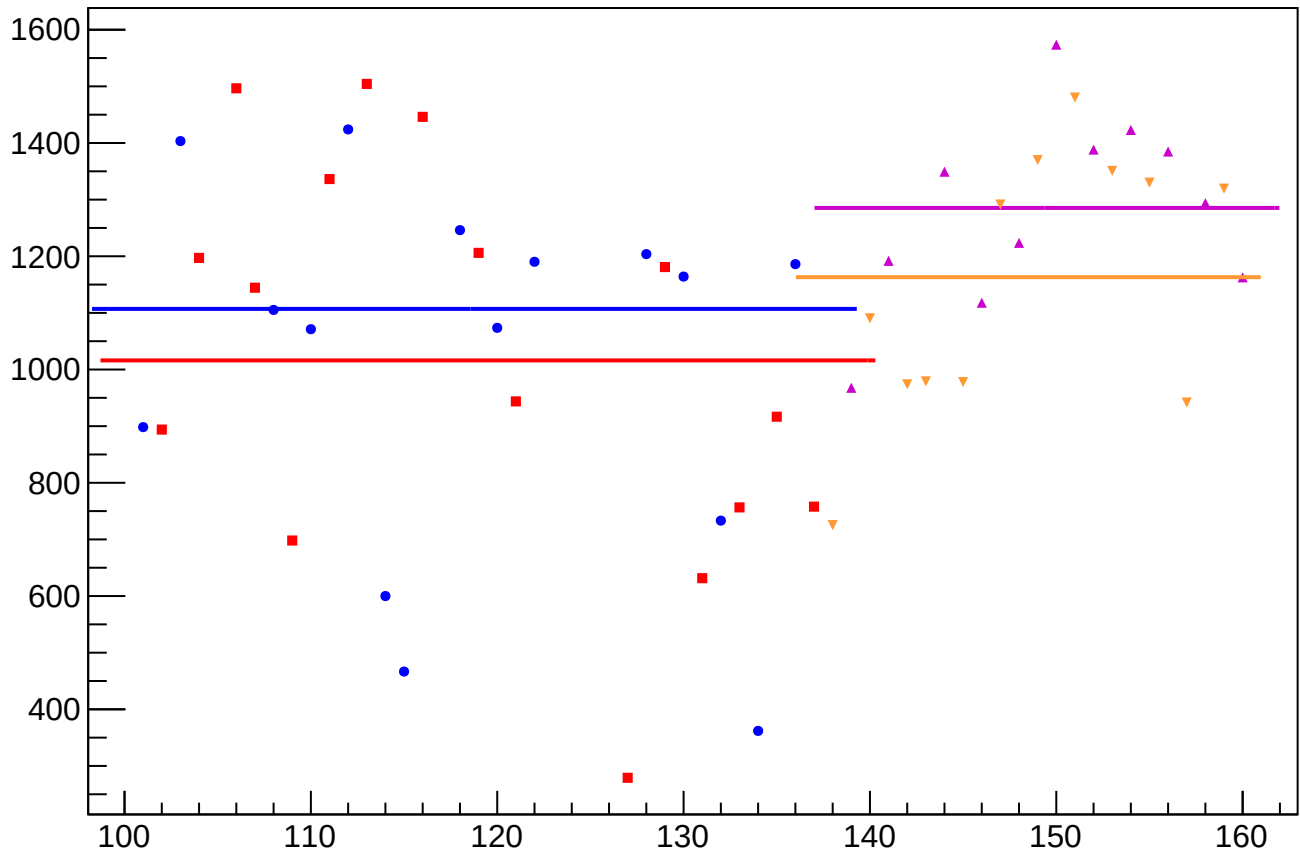
Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

+ sign 167.840+/-0.000 χ^2/NDF : 875675526414248

All: 162.701+/-0.000 χ^2/NDF : 16375906159

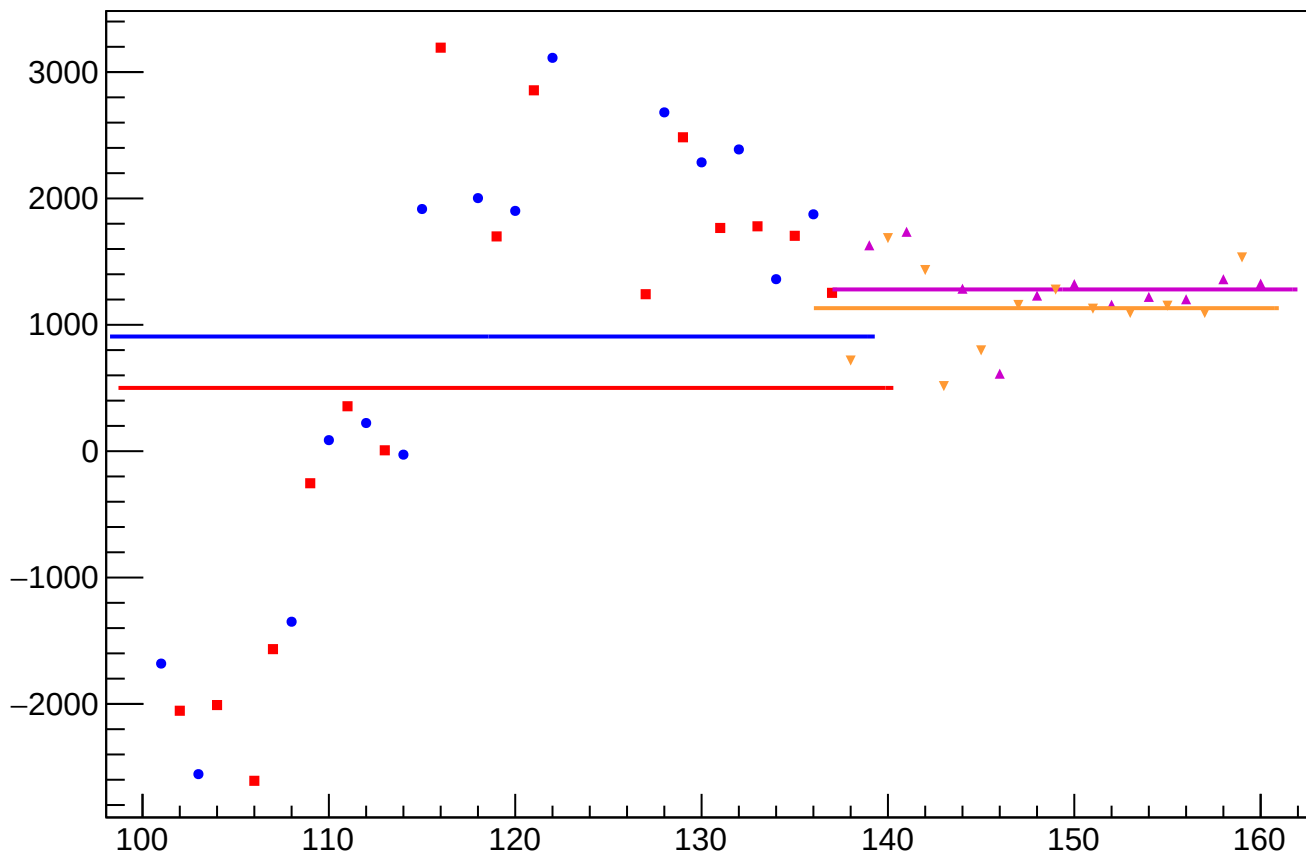
- sign 157.643+/-0.000 χ^2/NDF : 753709484799884

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 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: 1156.292 +/- 0.000 χ^2/NDF : 21306550198
 + sign 1139.844 +/- 0.000 χ^2/NDF : 87570338044863
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam8_coil4_mean vs Slug



Right In: 907.442 $\pm$ 0.000 χ^2 /NDF: 2107238007691848638499662178406566461440.0/14

Left Out: 1131.794 $\pm$ 0.000 χ^2 /NDF: 92327464318942529302079754204983853056.0/11

Right Out: 500.689 $\pm$ 0.000 χ^2 /NDF: 2074232918749953174436803426379074895872.0/15

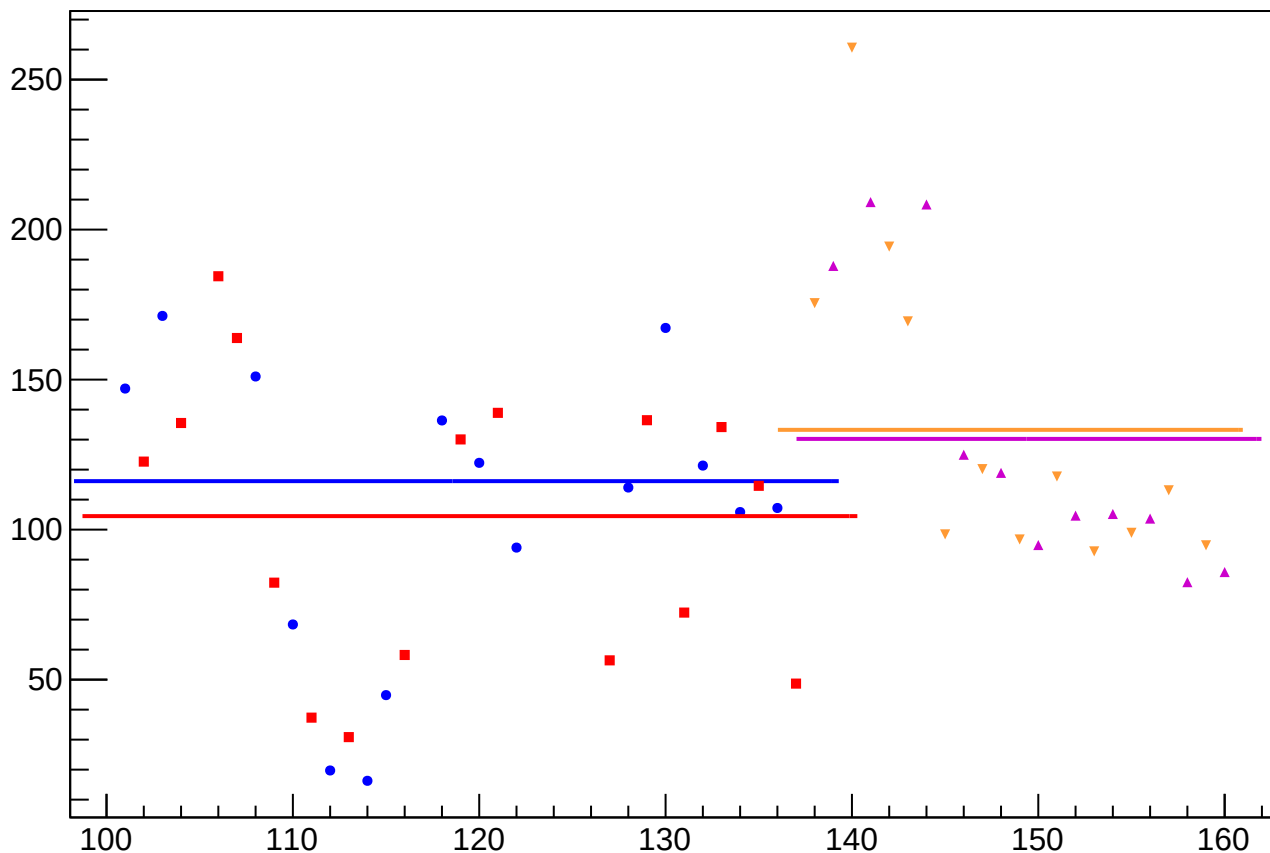
Left In: 1279.995 $\pm$ 0.000 χ^2 /NDF: 67592304703884032028559239448782438400.0/10

+ sign 1038.815 $\pm$ 0.000 χ^2 /NDF: 22186941302741

All: 995.711 $\pm$ 0.000 χ^2 /NDF: 460155053268

- sign 953.284 $\pm$ 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

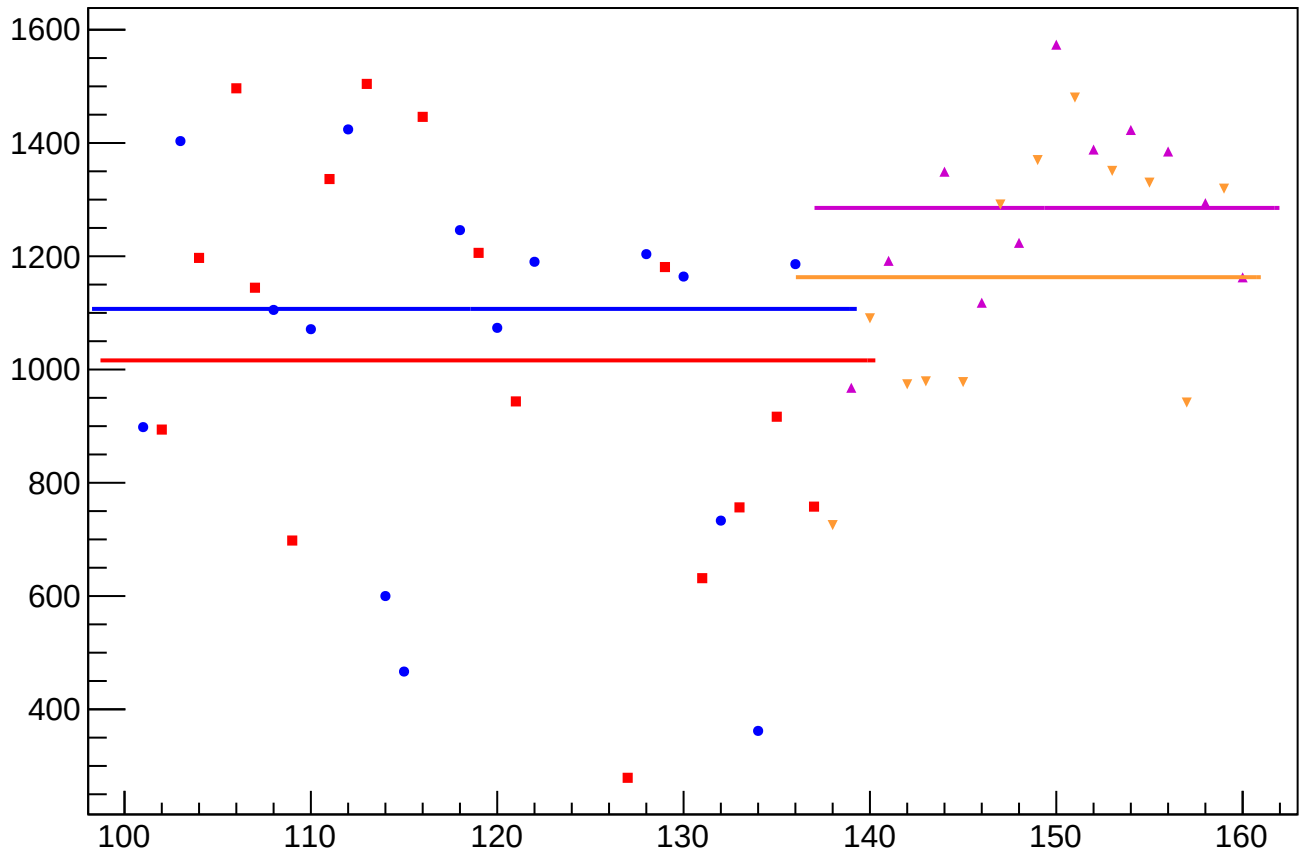
Left Out: 133.258+/-0.000 χ^2/NDF : 2355510699309539172490444744349974528.0/11

Right Out: 104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15

Left In: 130.237+/-0.000 χ^2/NDF : 1968814259217478663576054483231178752.0/10

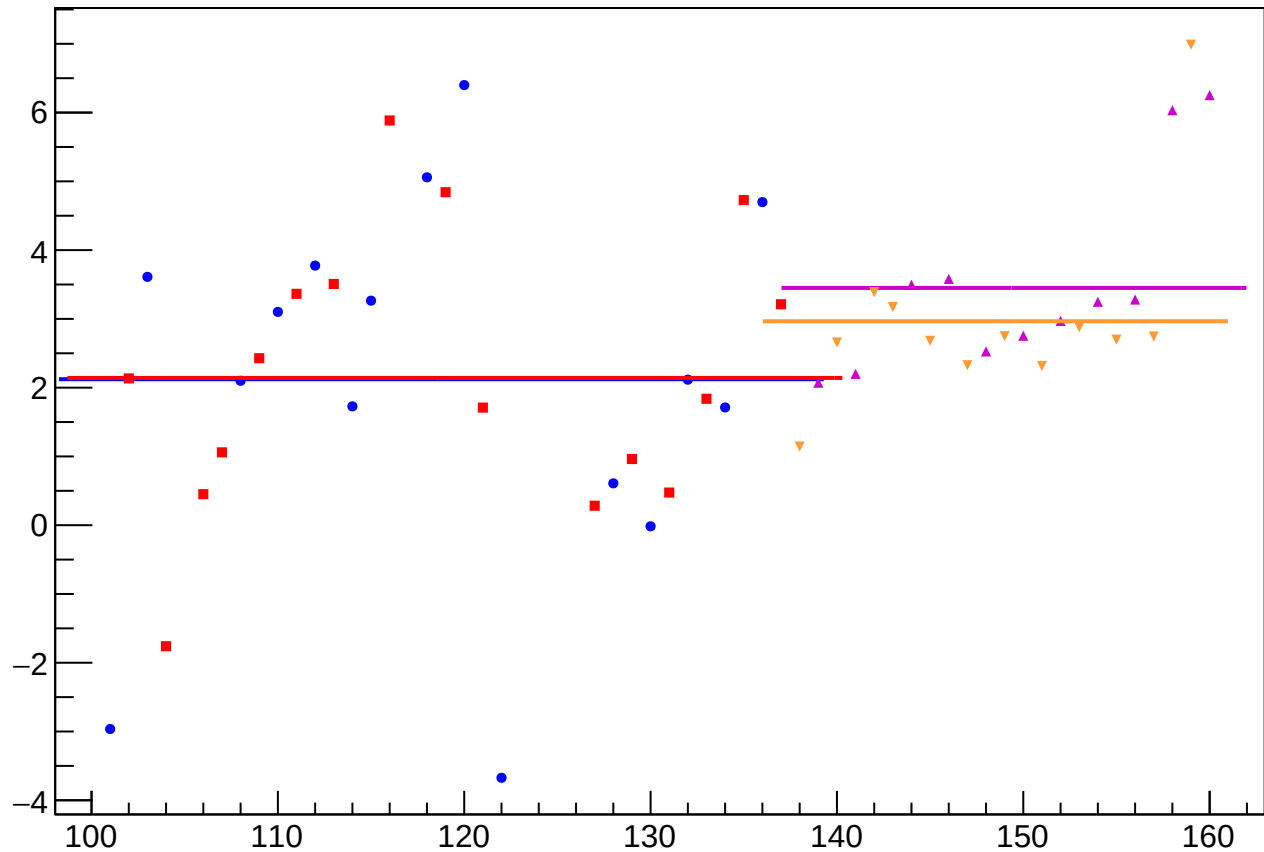
+ sign 126.172+/-0.000 χ^2/NDF : 366514873637822
All: 122.783+/-0.000 χ^2/NDF : 721221097138
- sign 119.447+/-0.000 χ^2/NDF : 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

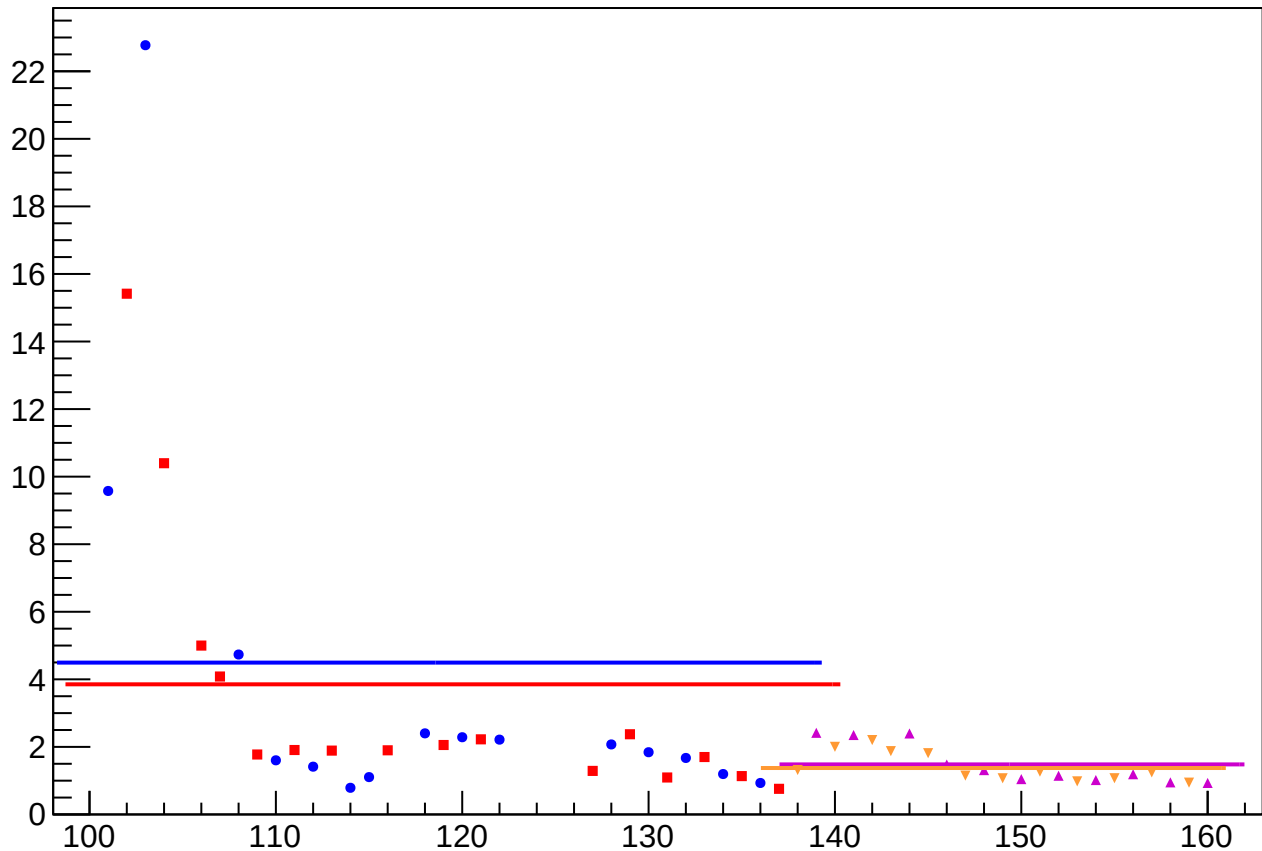
dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000	χ^2/NDF : 5263705922821075971022013849403392.0/14
Left Out: 2.966+/-0.000	χ^2/NDF : 1657147599544170270871306245242880.0/11
Right Out: 2.142+/-0.000	χ^2/NDF : 2472949940993672466161692257026048.0/15
Left In: 3.450+/-0.000	χ^2/NDF : 1551935058842125730993767819771904.0/10

+ sign 2.616+/-0.000 χ^2/NDF : 71907889220170807
 All: 2.760+/-0.000 χ^2/NDF : 11943217420921
 - sign 2.902+/-0.000 χ^2/NDF : 46881653143346508

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14

Left Out: 1.375+/-0.000 χ^2/NDF : 145824137057123098329032148647936.0/11

Right Out: 3.852+/-0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15

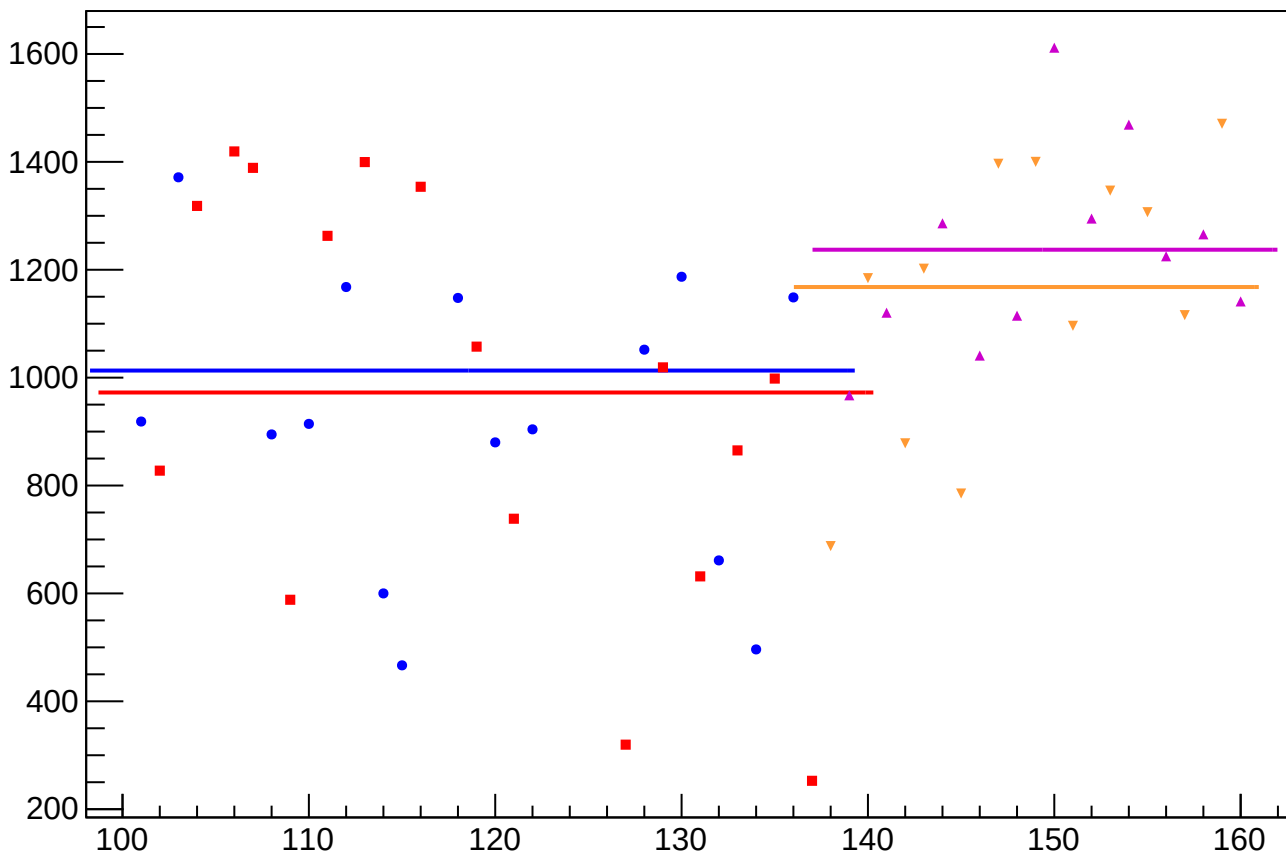
Left In: 1.482+/-0.000 χ^2/NDF : 310337710475779495774509405831168.0/10

+ sign 2.668+/-0.000 χ^2/NDF : 29116582581776454

All: 2.571+/-0.000 χ^2/NDF : 43948176556660

- sign 2.476+/-0.000 χ^2/NDF : 14802405912641910

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

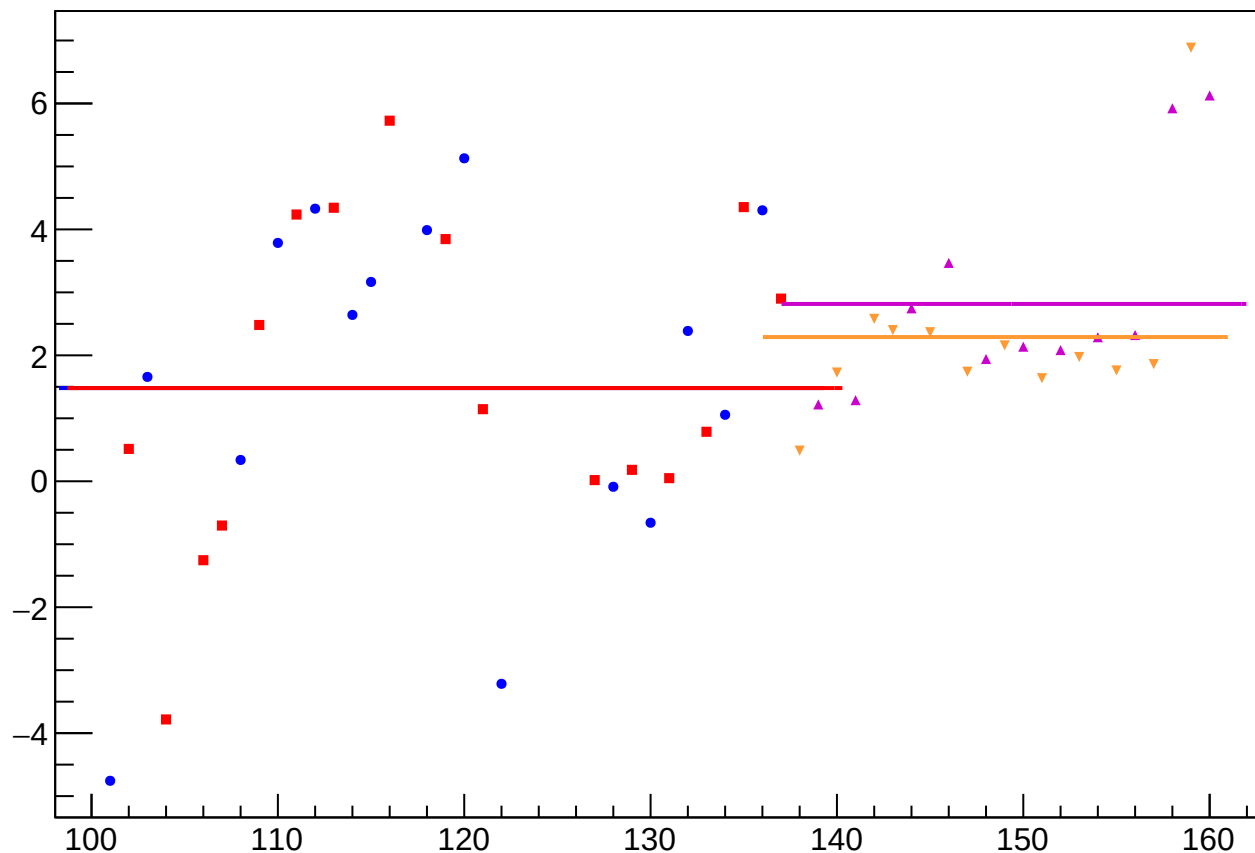
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- 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: 2.290+/-0.000

χ^2/NDF : 2078203934623339407466741505196032.0/11

Right Out: 1.480+/-0.000

χ^2/NDF : 4092645800613765572662987820367872.0/15

Left In: 2.816+/-0.000

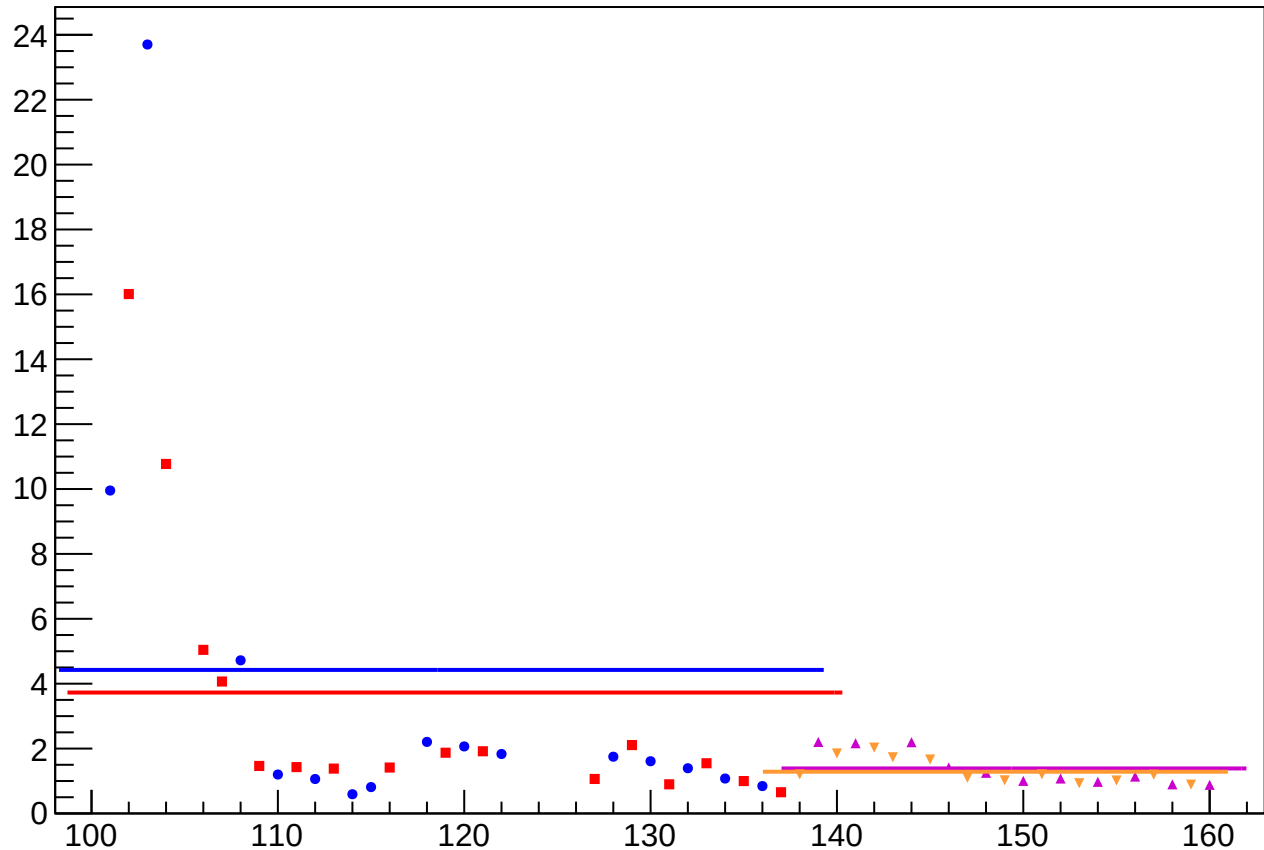
χ^2/NDF : 2230790234579581781884760219451392.0/10

+ sign 1.955+/-0.000 χ^2/NDF : 81275031284307058

All: 2.107+/-0.000 χ^2/NDF : 15214247821450

- sign 2.256+/-0.000 χ^2/NDF : 70149440633078184

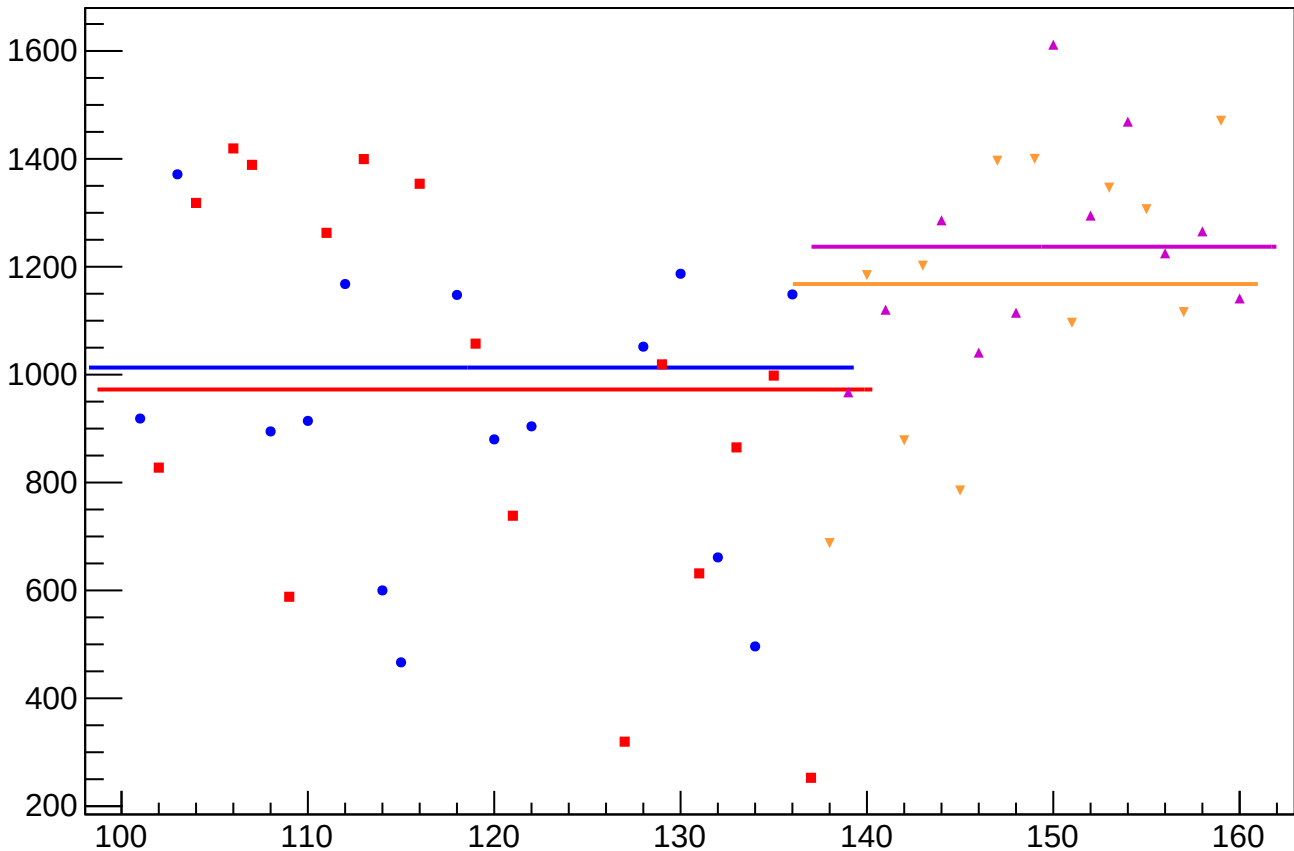
dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000	χ^2/NDF : 28257459272876210608839830473277440.0/14
Left Out: 1.287+/-0.000	χ^2/NDF : 115572710425974542014826355359744.0/11
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 2.587+/-0.000 χ^2/NDF : 321150215015111057
 All: 2.477+/-0.000 χ^2/NDF : 48510826313860
 - 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: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

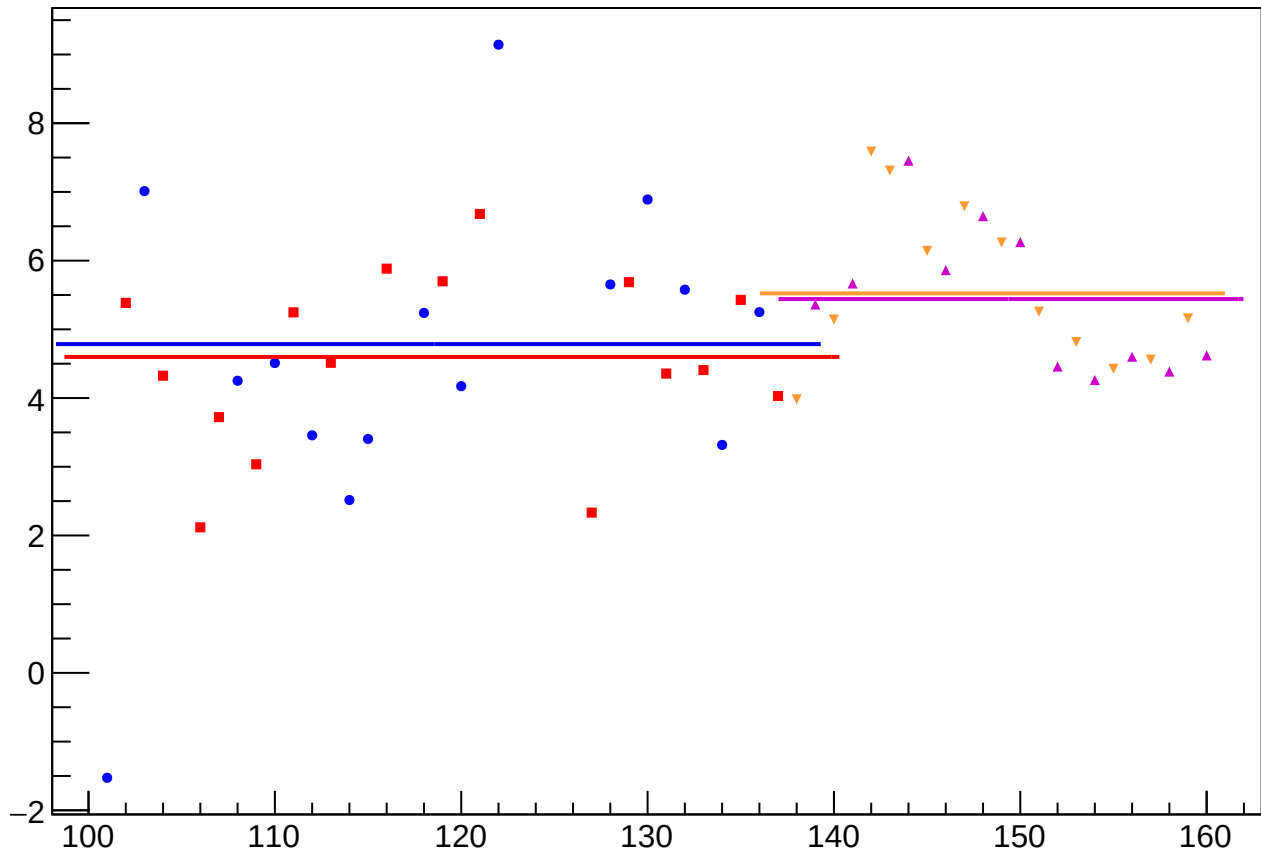
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.524+/-0.000 χ^2/NDF : 1037921325796141419900309275148288.0/11

Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

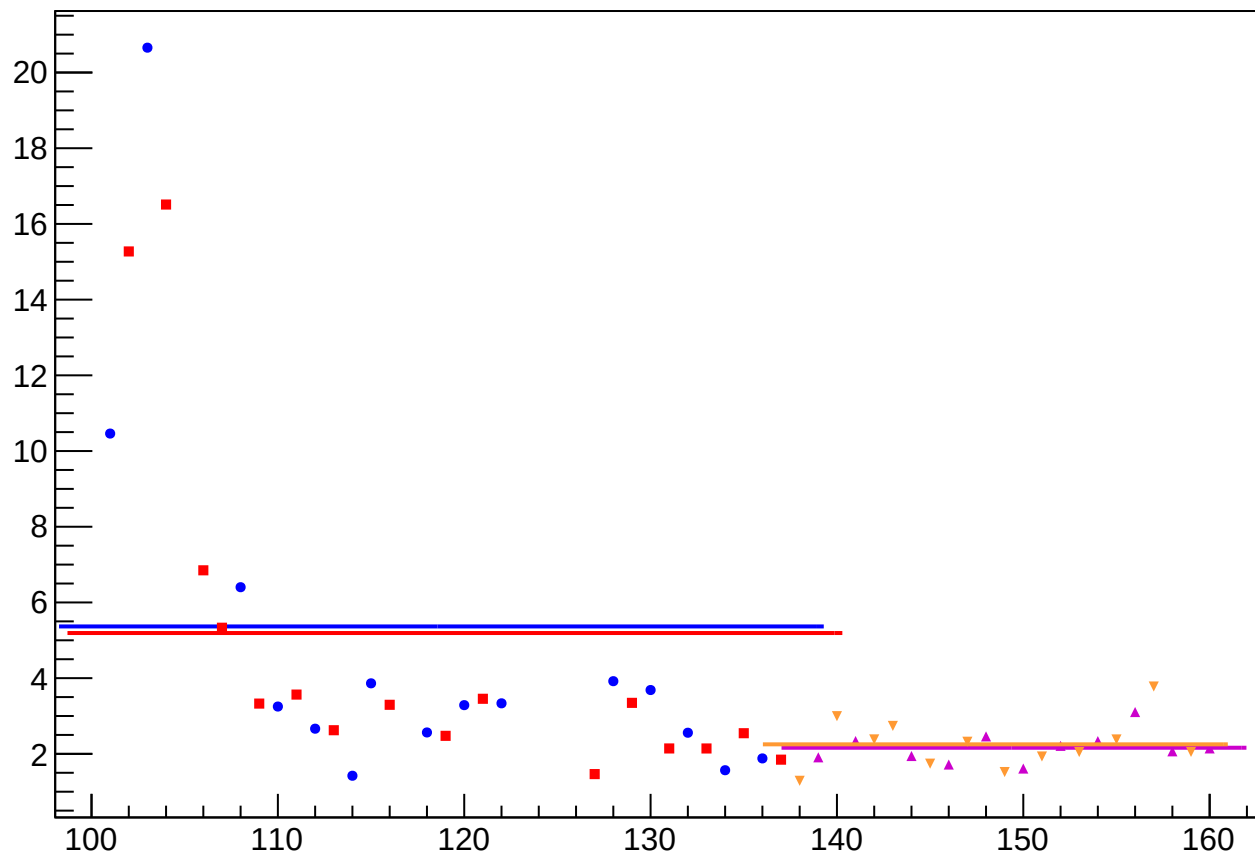
Left In: 5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10

+ sign 5.218+/-0.000 χ^2/NDF : 52418508017321486

All: 5.152+/-0.000 χ^2/NDF : 74889564459547

- sign 5.088+/-0.000 χ^2/NDF : 22337713953374815

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366 $\pm$ 0.000 χ^2 /NDF: 18780724722063497096153009301225472.0/14

Left Out: 2.251 $\pm$ 0.000 χ^2 /NDF: 401214907261745165005566645370880.0/11

Right Out: 5.192 $\pm$ 0.000 χ^2 /NDF: 15749573754945345754432436952891392.0/15

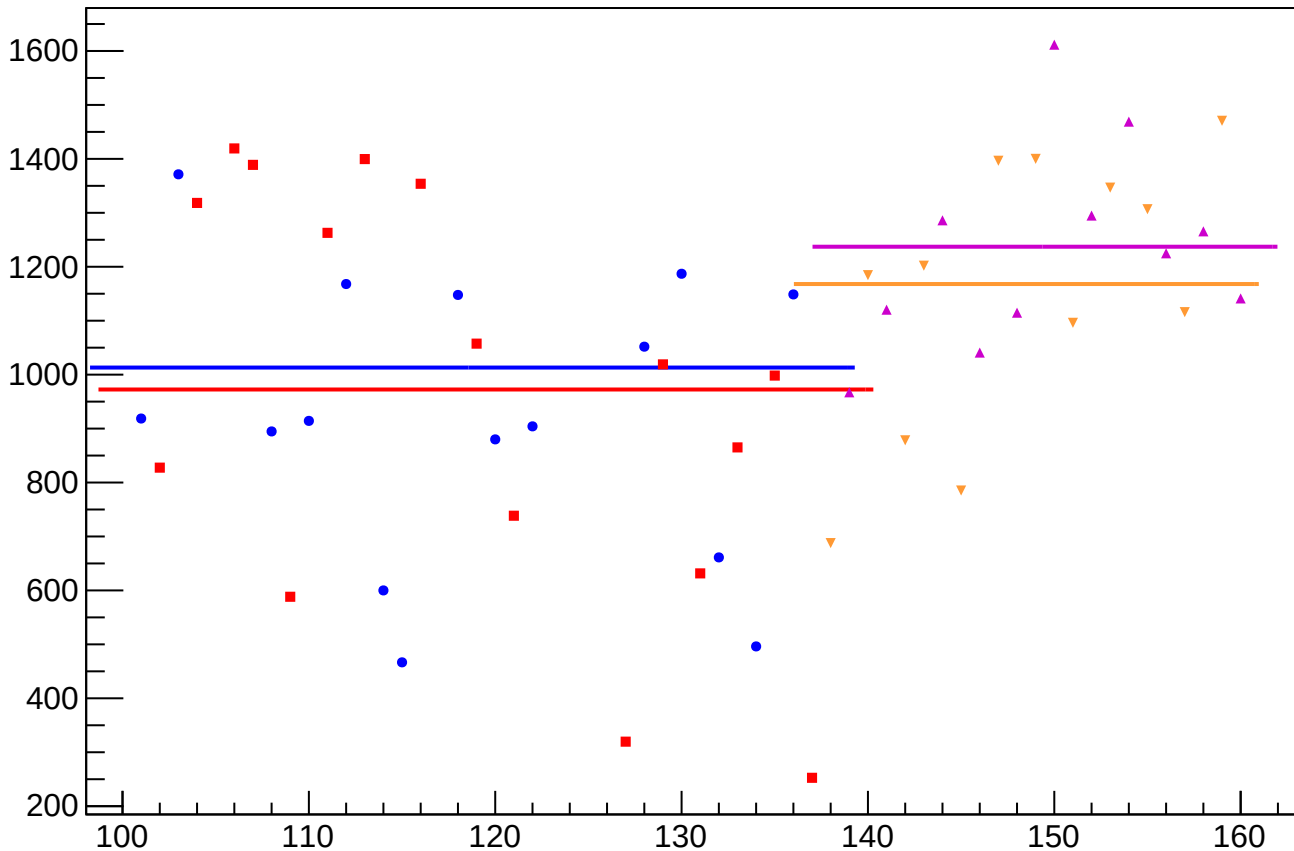
Left In: 2.162 $\pm$ 0.000 χ^2 /NDF: 138367938839103248546751049629696.0/10

+ sign 3.542 $\pm$ 0.000 χ^2 /NDF: 22868598019843594

All: 3.487 $\pm$ 0.000 χ^2 /NDF: 42324004096810

- 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: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

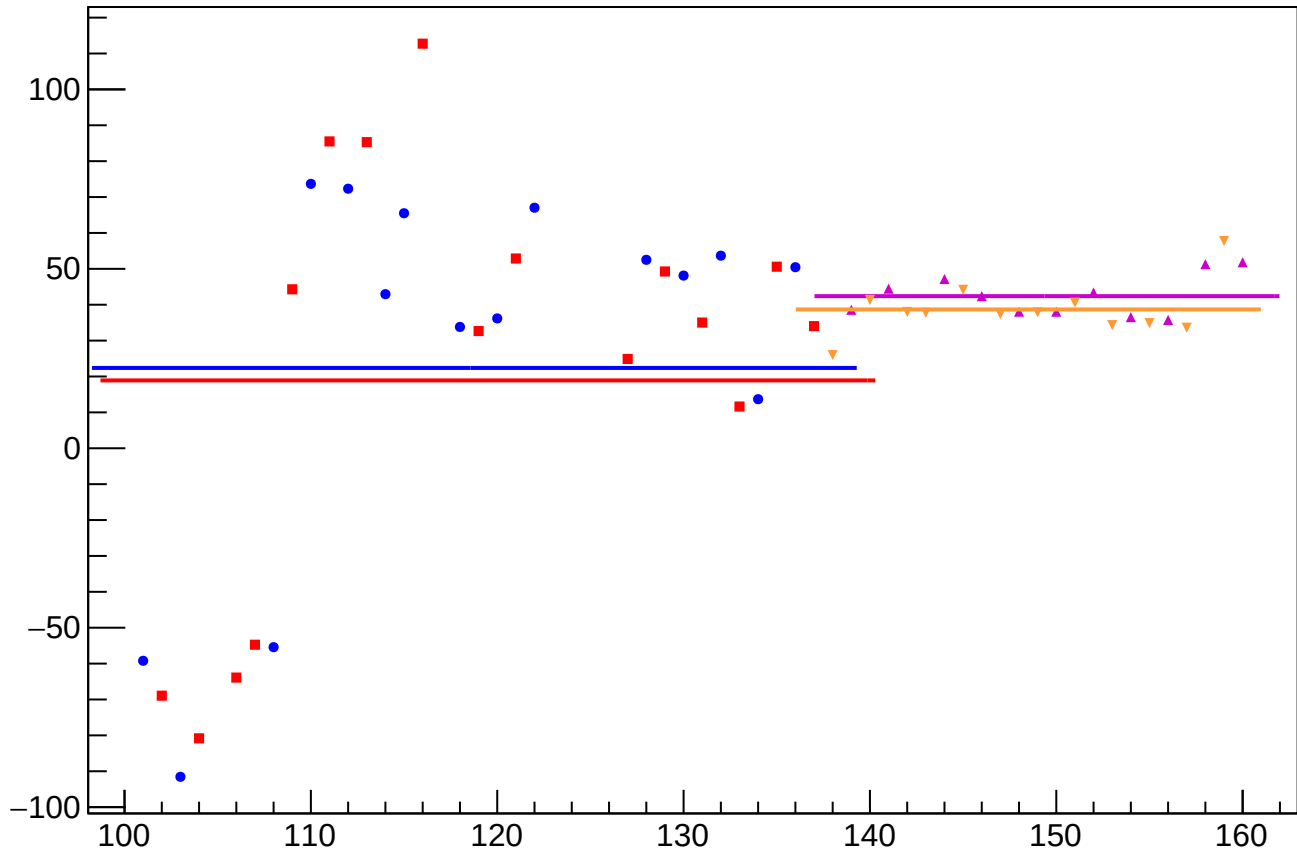
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4aY_coil6_mean vs Slug



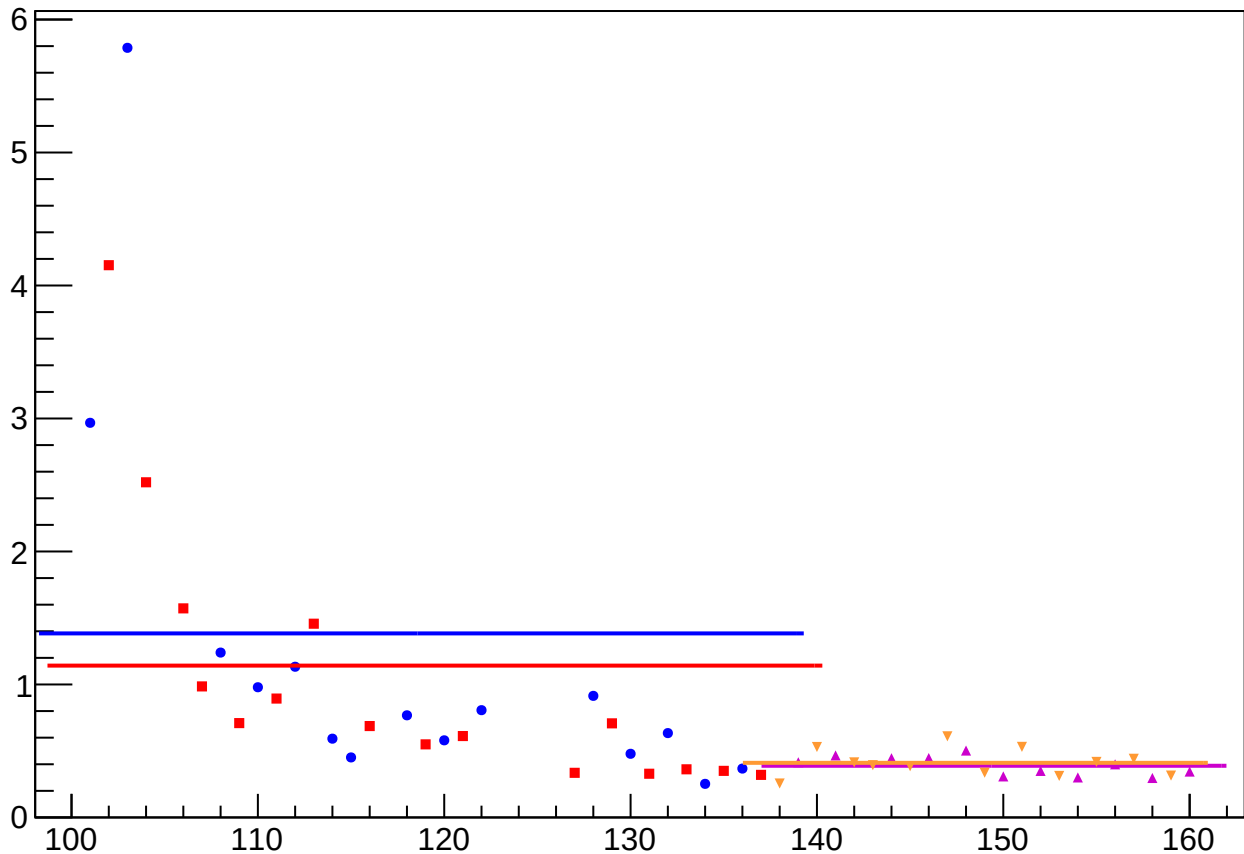
Right In: 22.385 $\pm$ 0.000 χ^2 /NDF: 1922260860023592637794094183323009024.0/14

Left Out: 38.679 $\pm$ 0.000 χ^2 /NDF: 50075878897811273484787289537118208.0/11

Right Out: 18.907 $\pm$ 0.000 χ^2 /NDF: 2182221808408156293593993992757837824.0/15

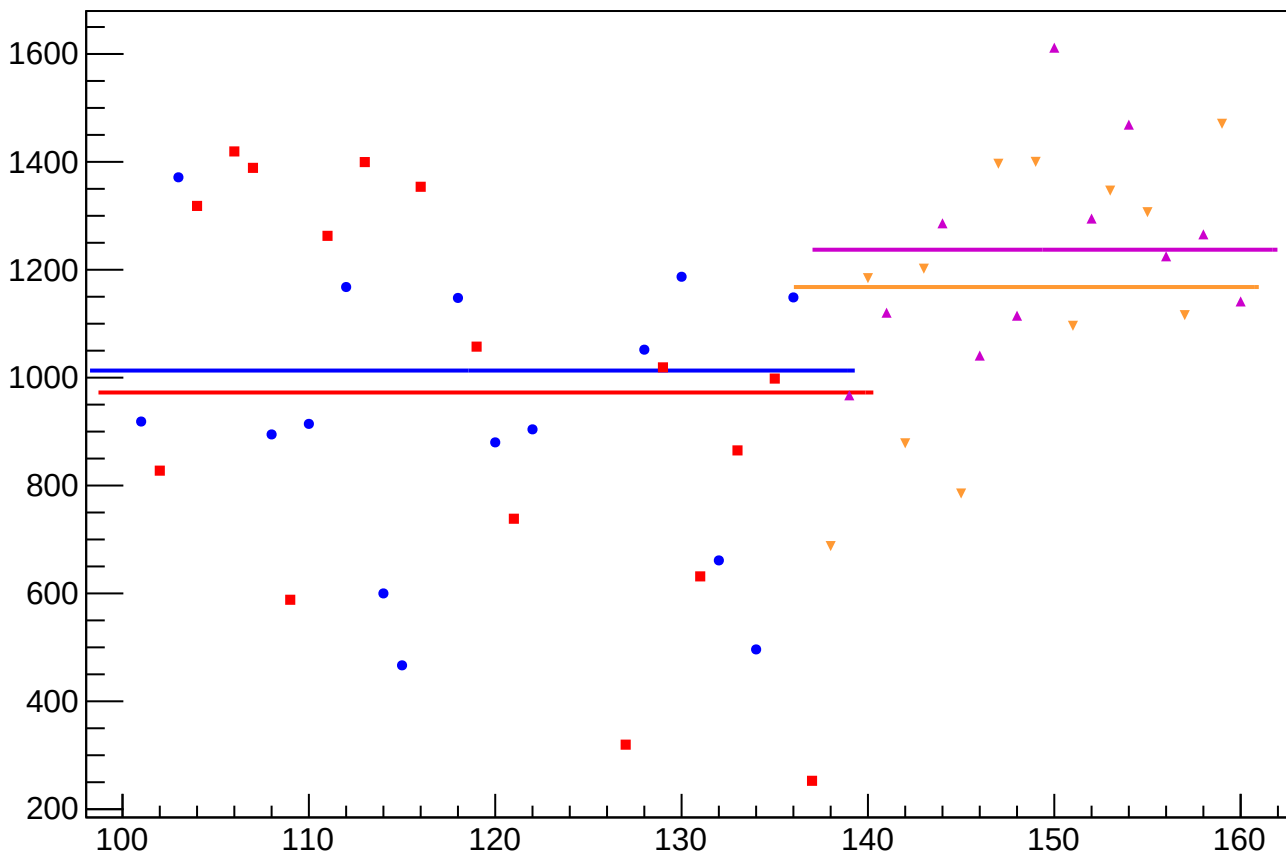
Left In: 42.386 $\pm$ 0.000 χ^2 /NDF: 26555660128562986553016927486214144.0/10

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.411+/-0.000 χ^2/NDF : 9428610492078012186649224544256.0/11
 Right Out: 1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: 0.389+/-0.000 χ^2/NDF : 4468112130112640641394154668032.0/10
 All: 0.759+/-0.000 χ^2/NDF : 29848868867136.0/15
 + sign 0.814+/-0.000 χ^2/NDF : 19405199182887263.0/14
 - sign 0.704+/-0.000 χ^2/NDF : 10348725978885865.0/14

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

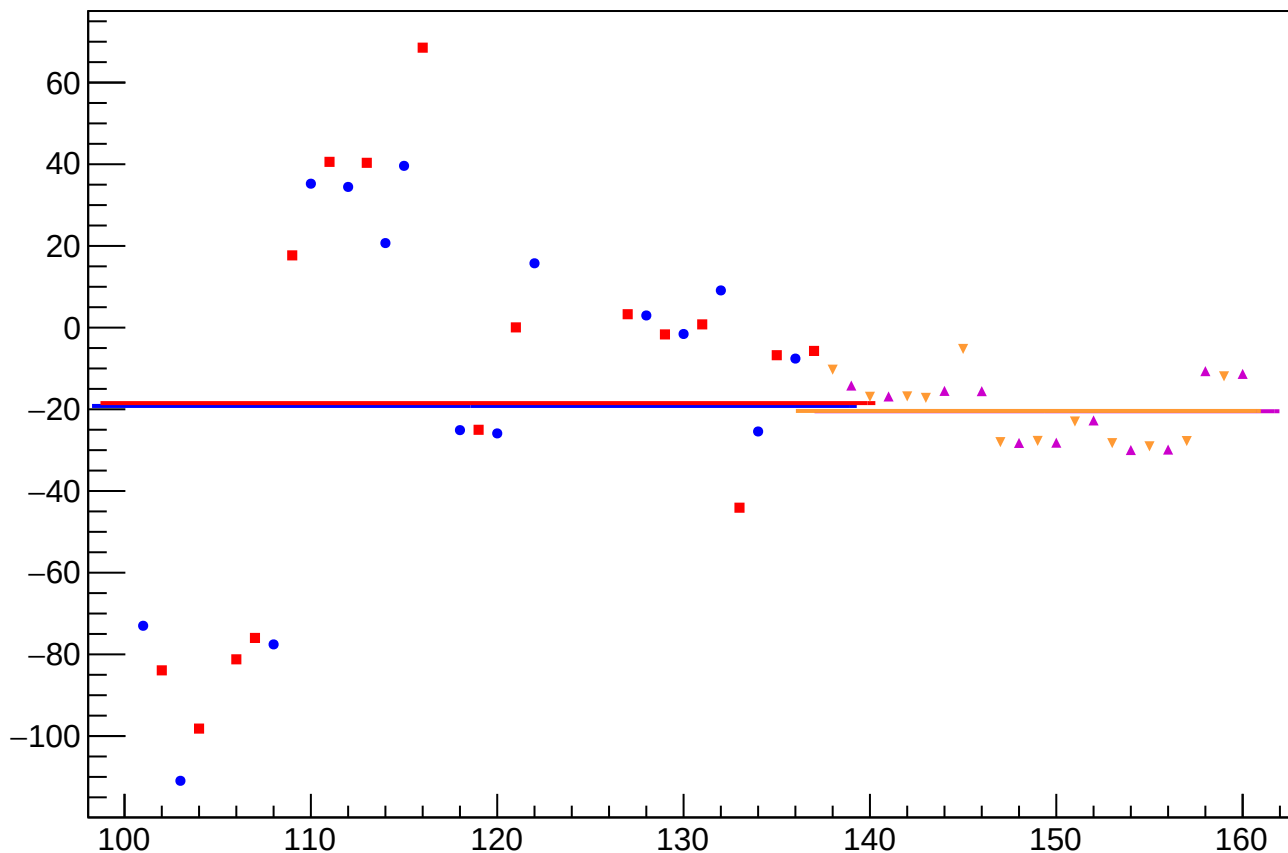
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- 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: -20.399 ± 0.000 χ^2/NDF : 59795874846132016074625786396540928.0/11

Right Out: -18.479 ± 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

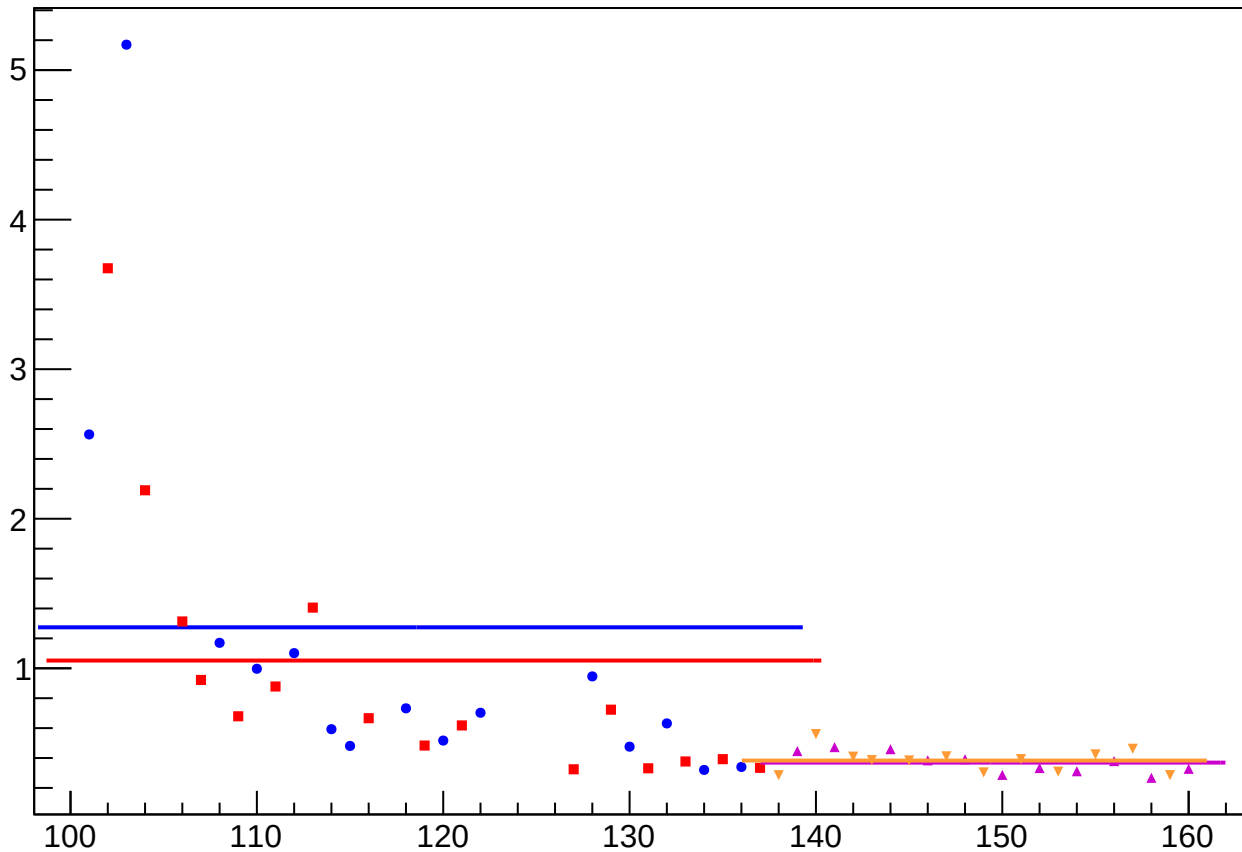
Left In: -20.473 ± 0.000 χ^2/NDF : 48484953363349820110348478937300992.0/10

All: -19.763 ± 0.000 χ^2/NDF : 284620389245

+ sign -19.892 ± 0.000 χ^2/NDF : 130672947127581

- sign -19.637 ± 0.000 χ^2/NDF : 1539423306551337

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 $\pm$ 0.000 χ^2 /NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.383 $\pm$ 0.000 χ^2 /NDF: 5804905550420528910426527760384.0/11

Right Out: 1.052 $\pm$ 0.000 χ^2 /NDF: 607316121057753919194559126962176.0/15

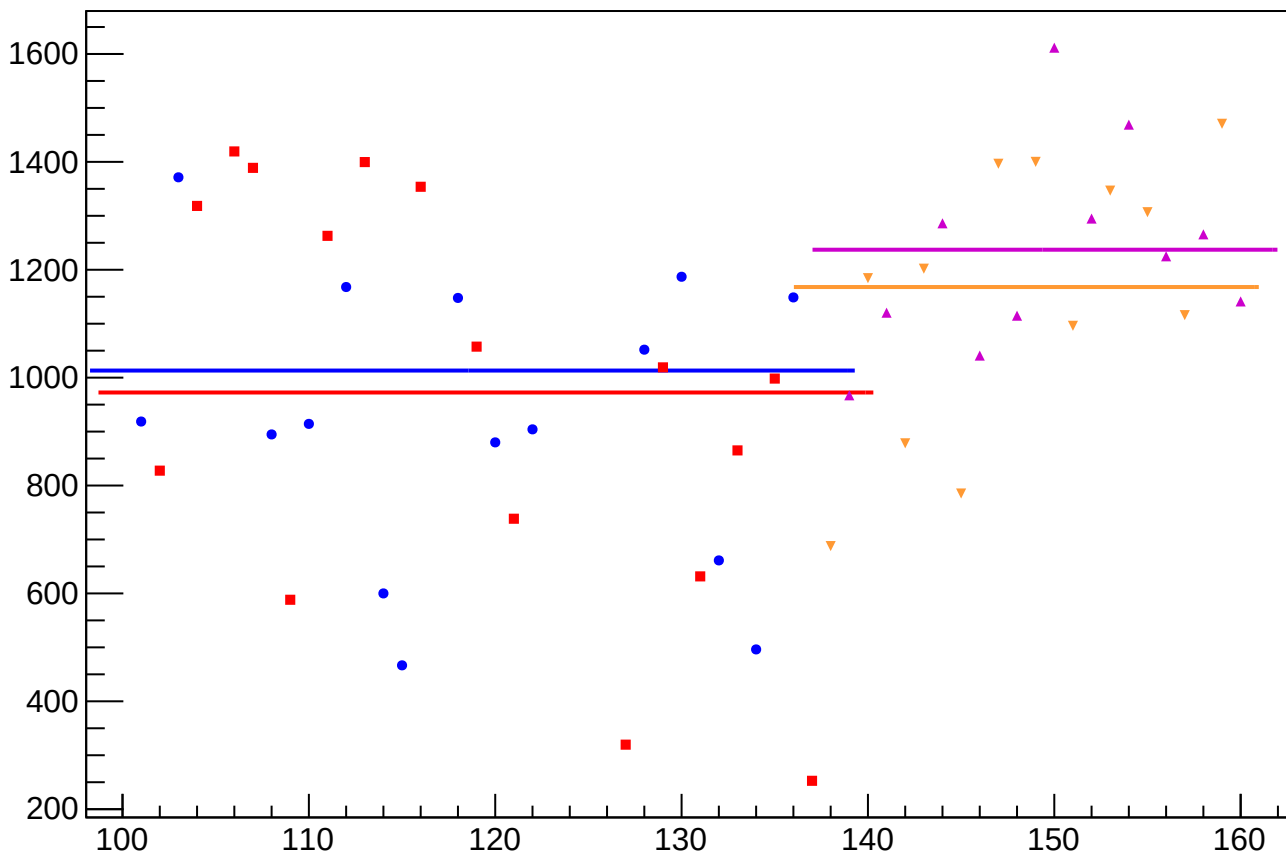
Left In: 0.369 $\pm$ 0.000 χ^2 /NDF: 4166350638848138676707816112128.0/10

+ sign 0.752 $\pm$ 0.000 χ^2 /NDF: 15194700956779479

All: 0.703 $\pm$ 0.000 χ^2 /NDF: 2318813336124

- sign 0.655 $\pm$ 0.000 χ^2 /NDF: 79193916268828881

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

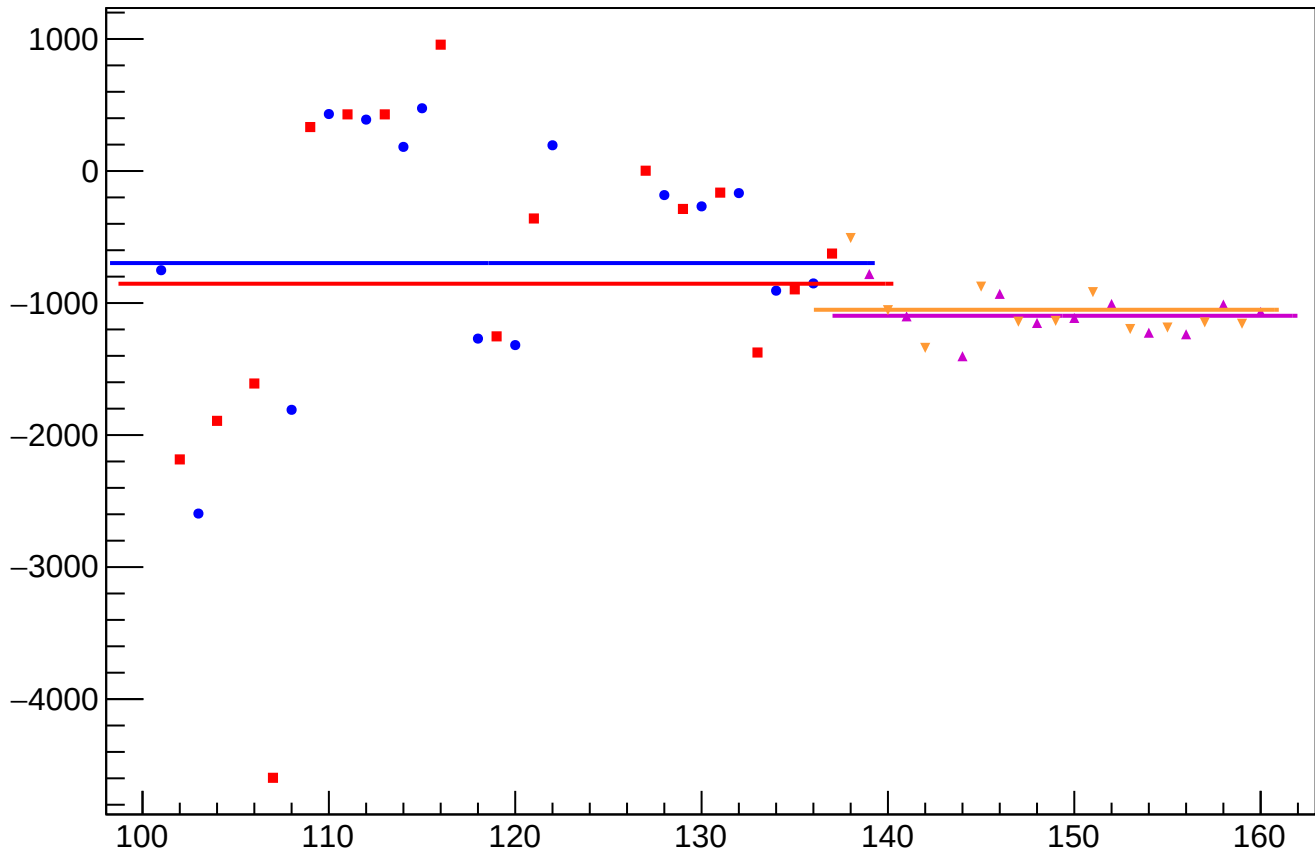
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- 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: -1050.953+/-0.000 χ^2/NDF : 36829070766461393403765229942747430912.0/10

Right Out: -853.734+/-0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15

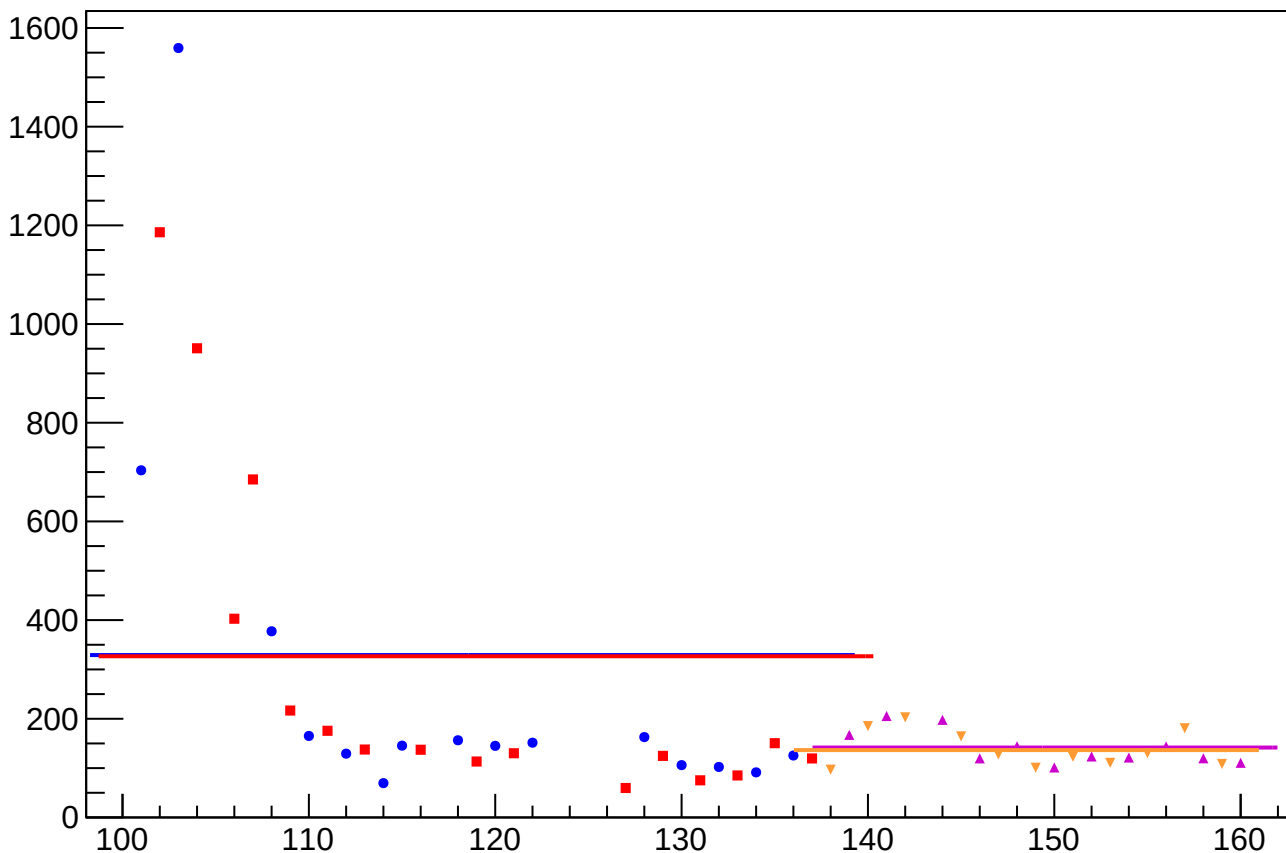
Left In: -1096.508+/-0.000 χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ sign -897.829+/-0.000 χ^2/NDF : 57329674650375

All: -947.722+/-0.000 χ^2/NDF : 17051514105

- 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: 136.529+/-0.000 χ^2/NDF : 986372818283314141100082094359445504.0/10

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

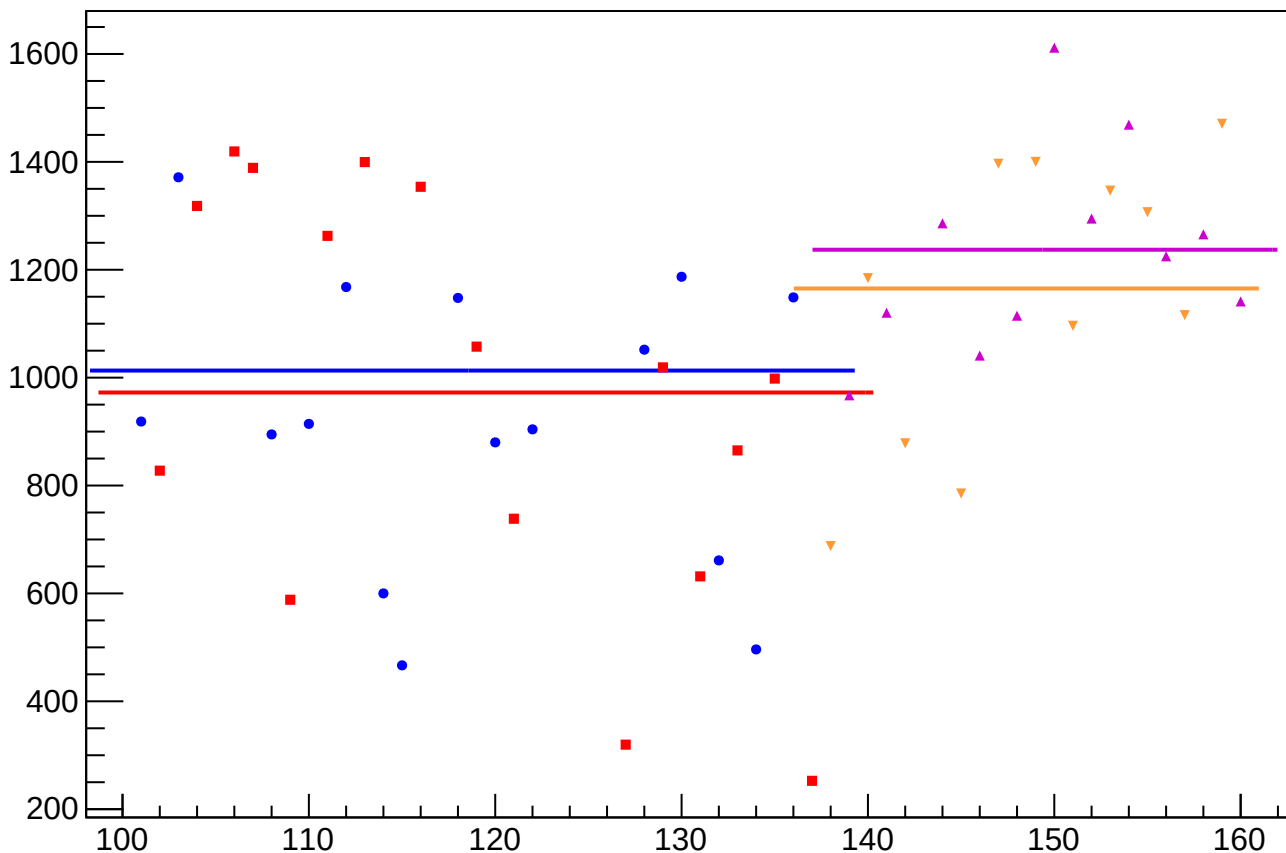
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

All: 219.568+/-0.000 χ^2/NDF : 233371635058.0/10

+ sign 219.907+/-0.000 χ^2/NDF : 131498546737370.0/10

- sign 219.249+/-0.000 χ^2/NDF : 101872754009430.0/10

dit_usl_coil6_Ndata_mean vs Slug



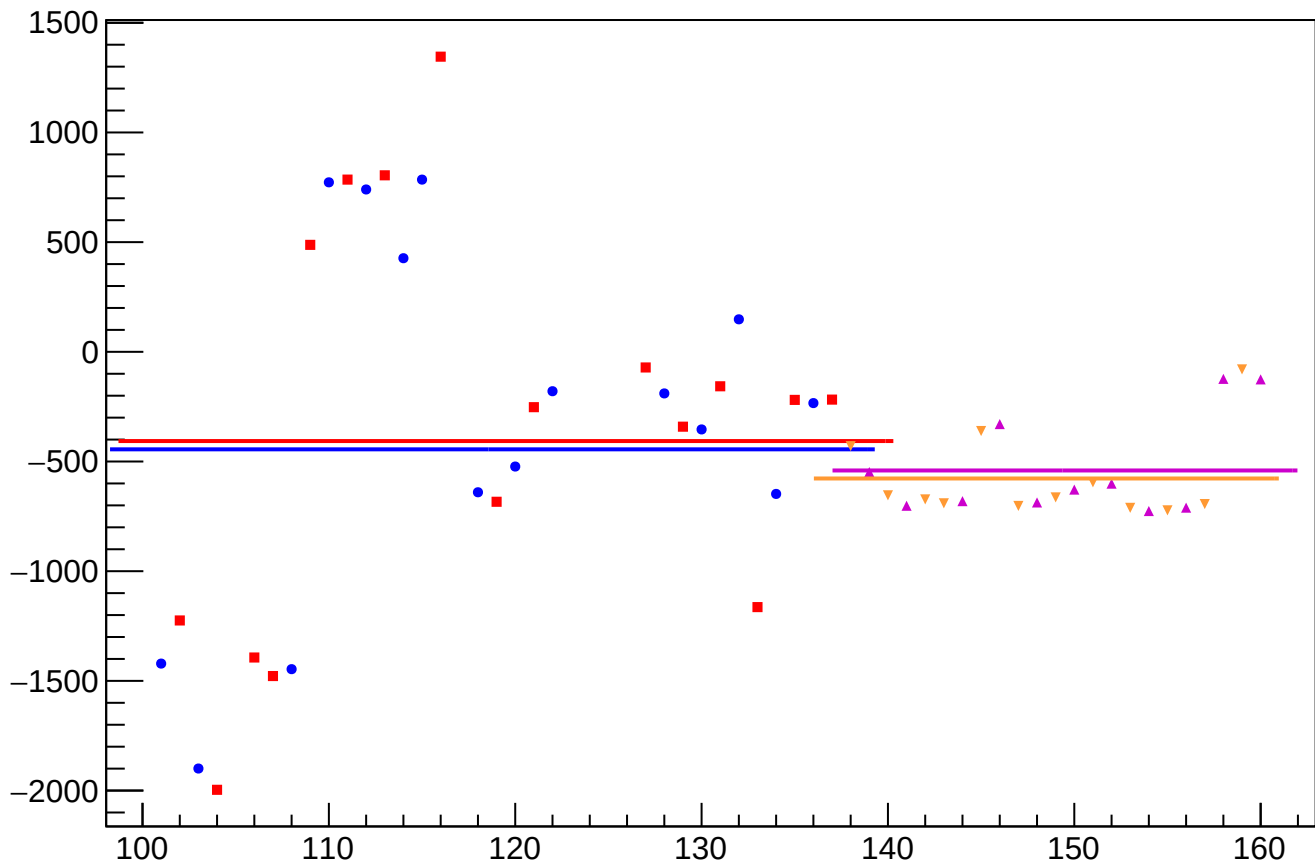
Right In: 1013.146 ± 0.000 $\chi^2/\text{NDF}: 31721270909522099205936100724856324096.0/14$

Left Out: 1165.293 ± 0.000 $\chi^2/\text{NDF}: 54526526454727326957619493827495591936.0/10$

Right Out: 972.465 ± 0.000 $\chi^2/\text{NDF}: 78884457200782655962756069915468234752.0/15$

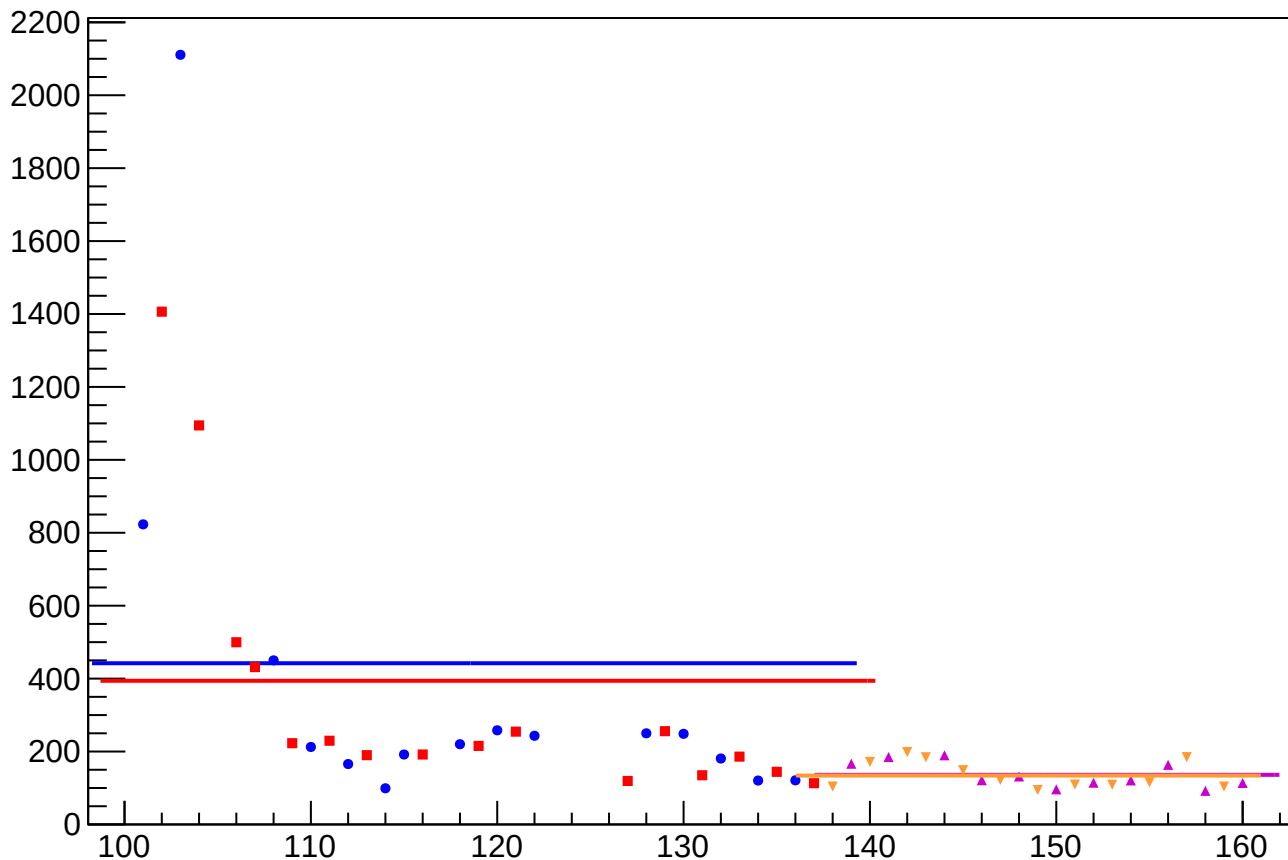
Left In: 1237.150 ± 0.000 $\chi^2/\text{NDF}: 30323445843993737164691986740223672320.0/10$

dit_usr_coil6_mean vs Slug



Right In: -444.512 ± 0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14
 Left Out: -577.377 ± 0.000 χ^2/NDF : 33181983455831153585838816290043592704.0/11
 Right Out: -406.729 ± 0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15
 Left In: -540.842 ± 0.000 χ^2/NDF : 42670193317497817911030367466366697472.0/10
 All: -503.316 ± 0.000 χ^2/NDF : 10162540662
 + sign -522.314 ± 0.000 χ^2/NDF : 43637268115601
 - sign -484.617 ± 0.000 χ^2/NDF : 578759927131057

dit_usr_coil6_err_mean vs Slug



Right In: 442.162 +/- 0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.122 +/- 0.000 χ^2/NDF : 1108150296028178587463342476455051264.0/11

Right Out: 394.033 +/- 0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

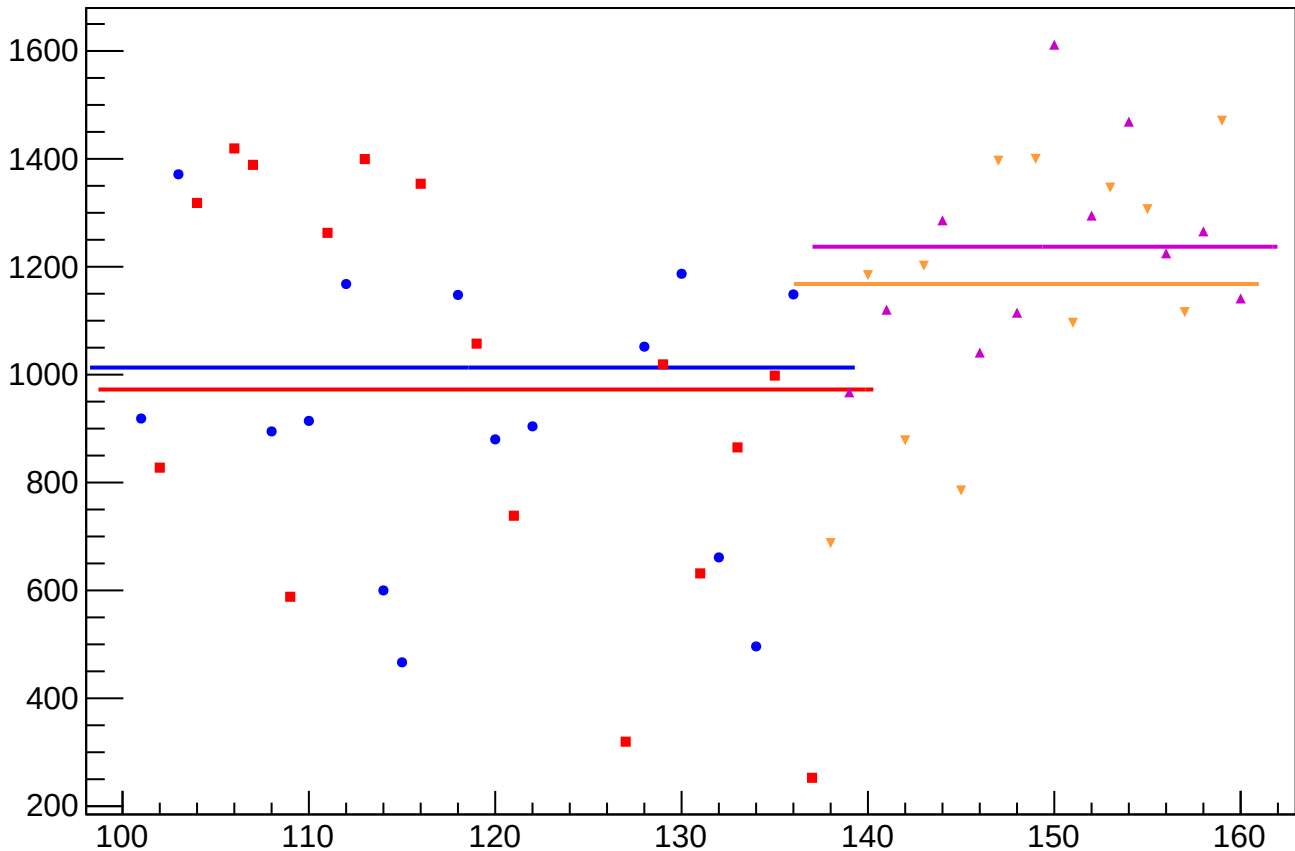
Left In: 136.040 +/- 0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 261.784 +/- 0.000 χ^2/NDF : 241185059846512

All: 252.922 +/- 0.000 χ^2/NDF : 374106508745

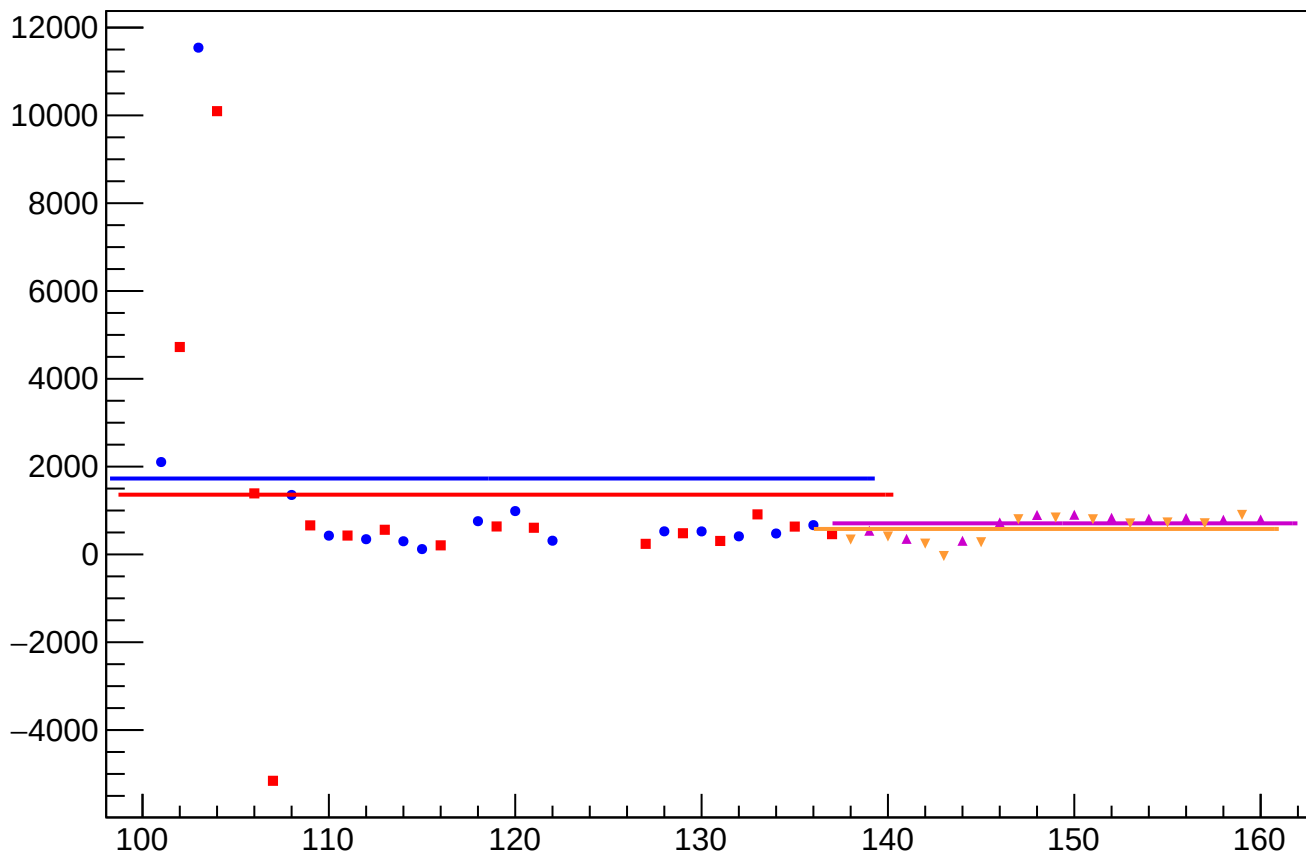
- sign 244.199 +/- 0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



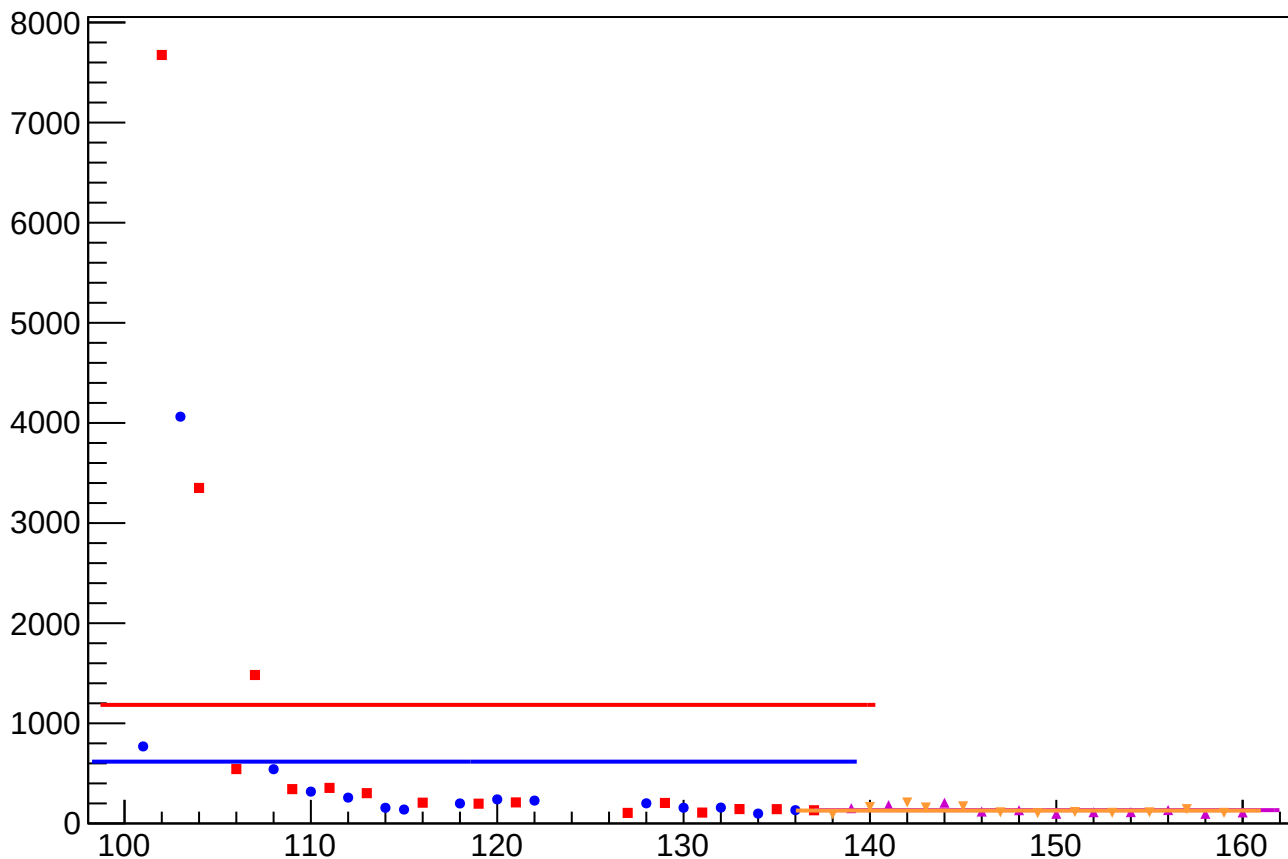
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1103.808+/-0.000	χ^2/NDF : 95441405756272
Left Out: 1167.974+/-0.000	χ^2/NDF : 54610138783870430946405205692756525056.0/11	All: 1115.086+/-0.000	χ^2/NDF : 23218314916
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- 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: 580.248 ± 0.000 χ^2/NDF : 70857978434076624009429979212728500224.0/11
 Right Out: 1360.914 ± 0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889 ± 0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

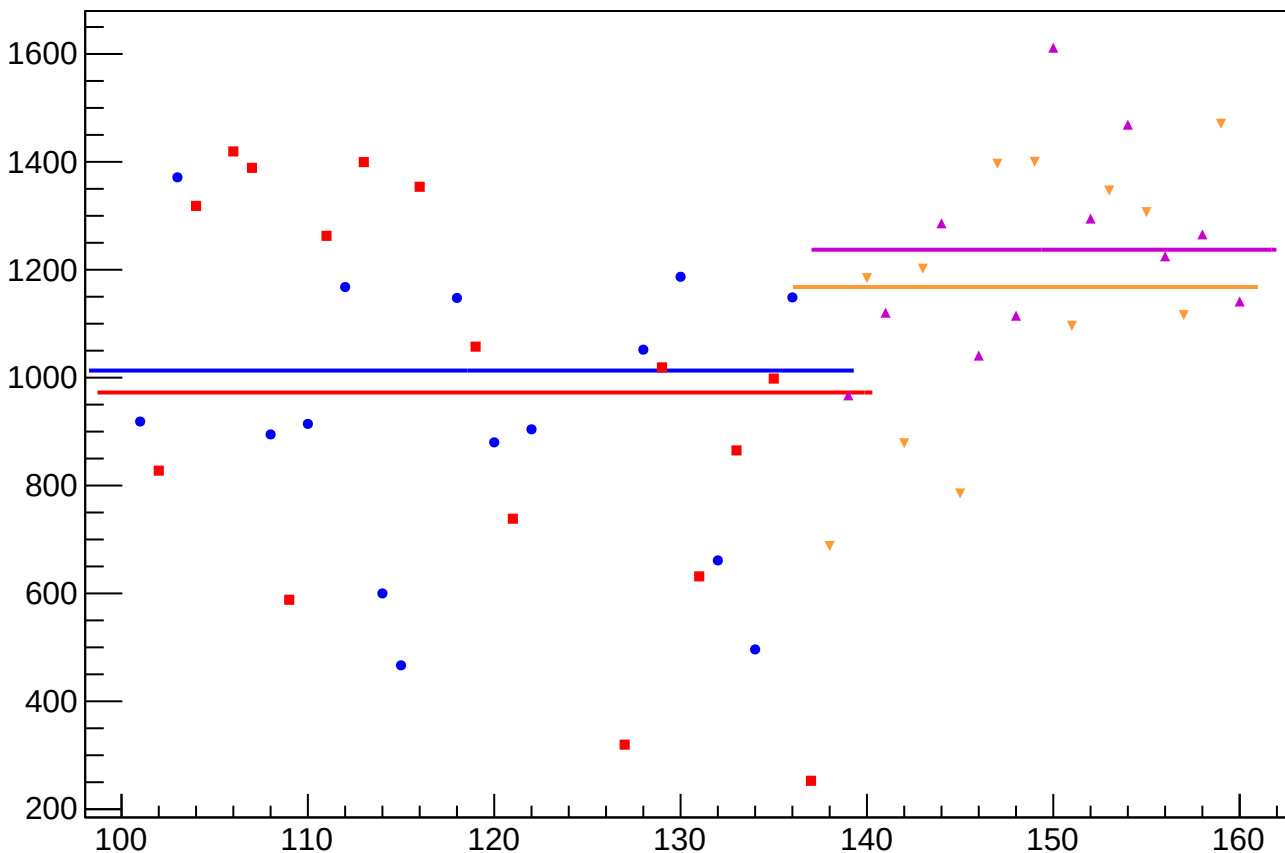
Left Out: 128.916+/-0.000 χ^2/NDF : 946446281889996410736335590619348992.0/11

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

All: 453.464+/-0.000 χ^2/NDF : 452709566047

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

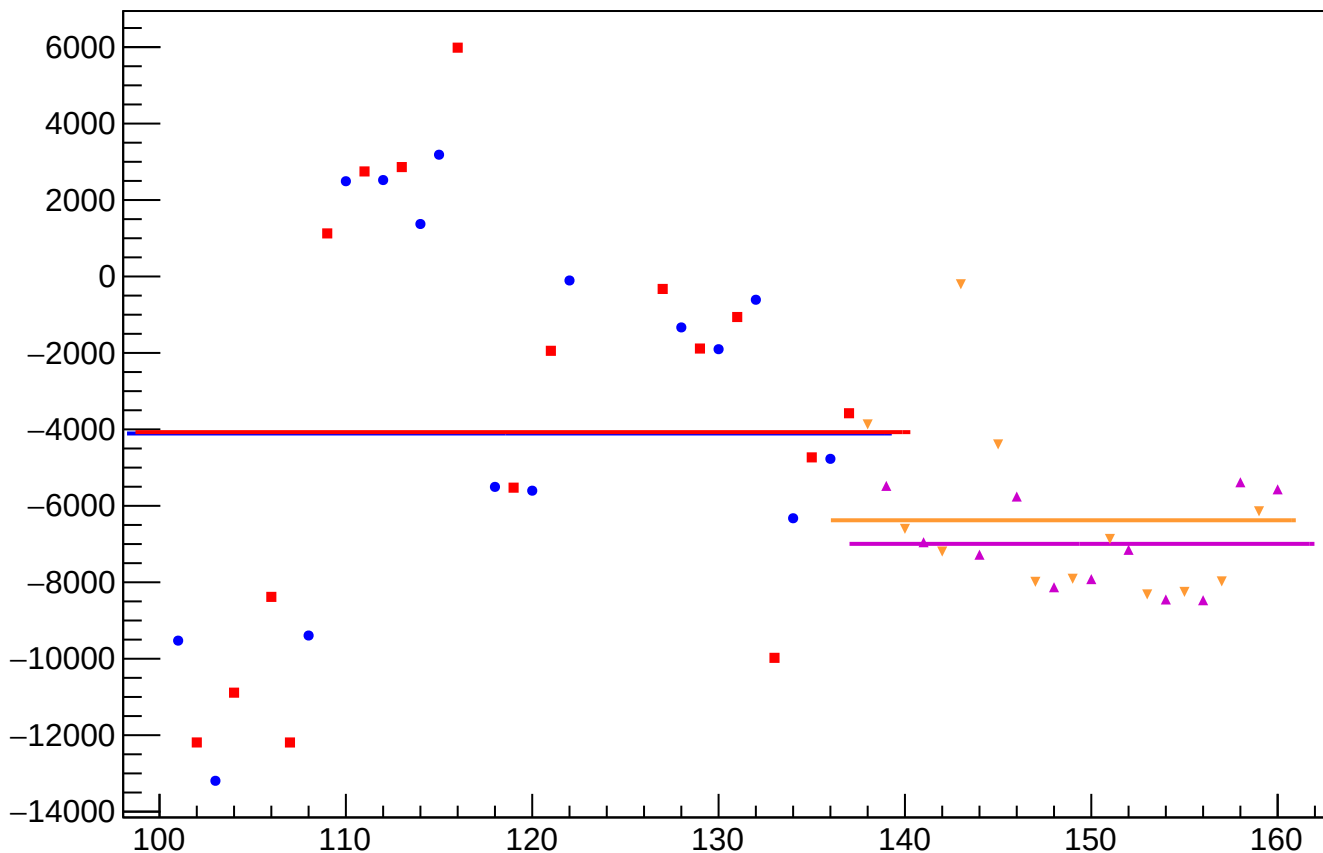
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

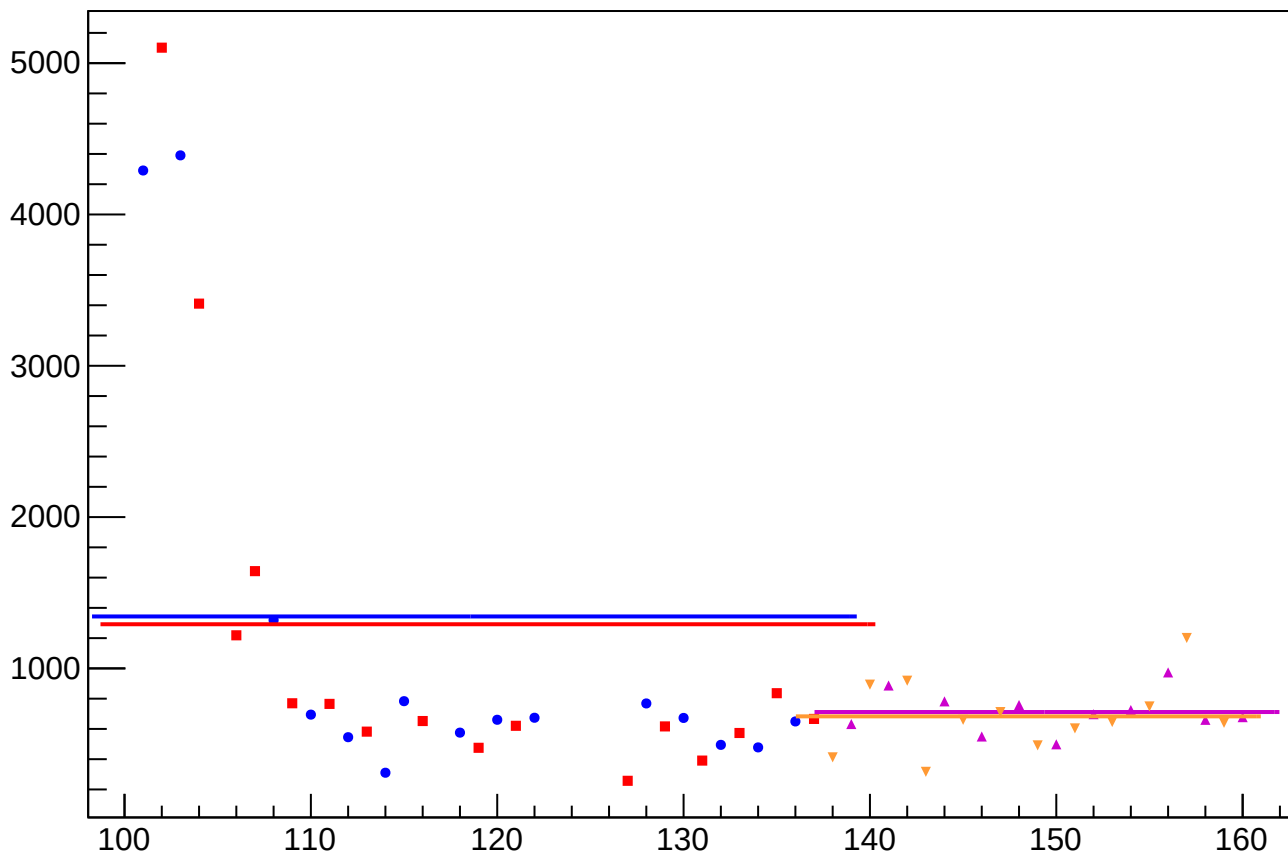
dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -6377.972+/-0.000	χ^2/NDF : 4622591154954588275207693526333594271744.0/11
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6994.812+/-0.000	χ^2/NDF : 1231738289385705389055875270097690951680.0/10

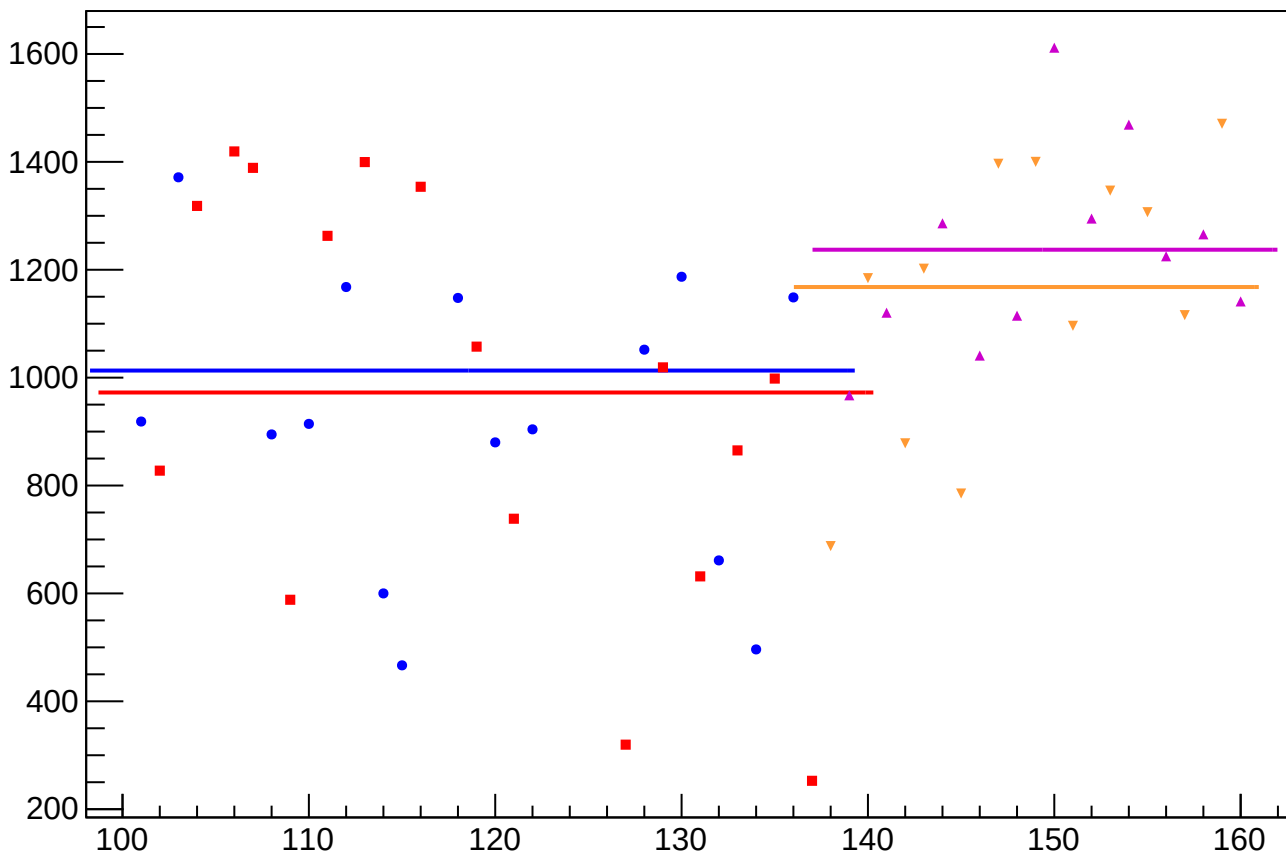
+ sign -5436.993+/-0.000 χ^2/NDF : 2110921720753
 All: -5604.574+/-0.000 χ^2/NDF : 4610437232
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 683.065+/-0.000 χ^2/NDF : 46379995695844949663521519572812300288.0/11
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

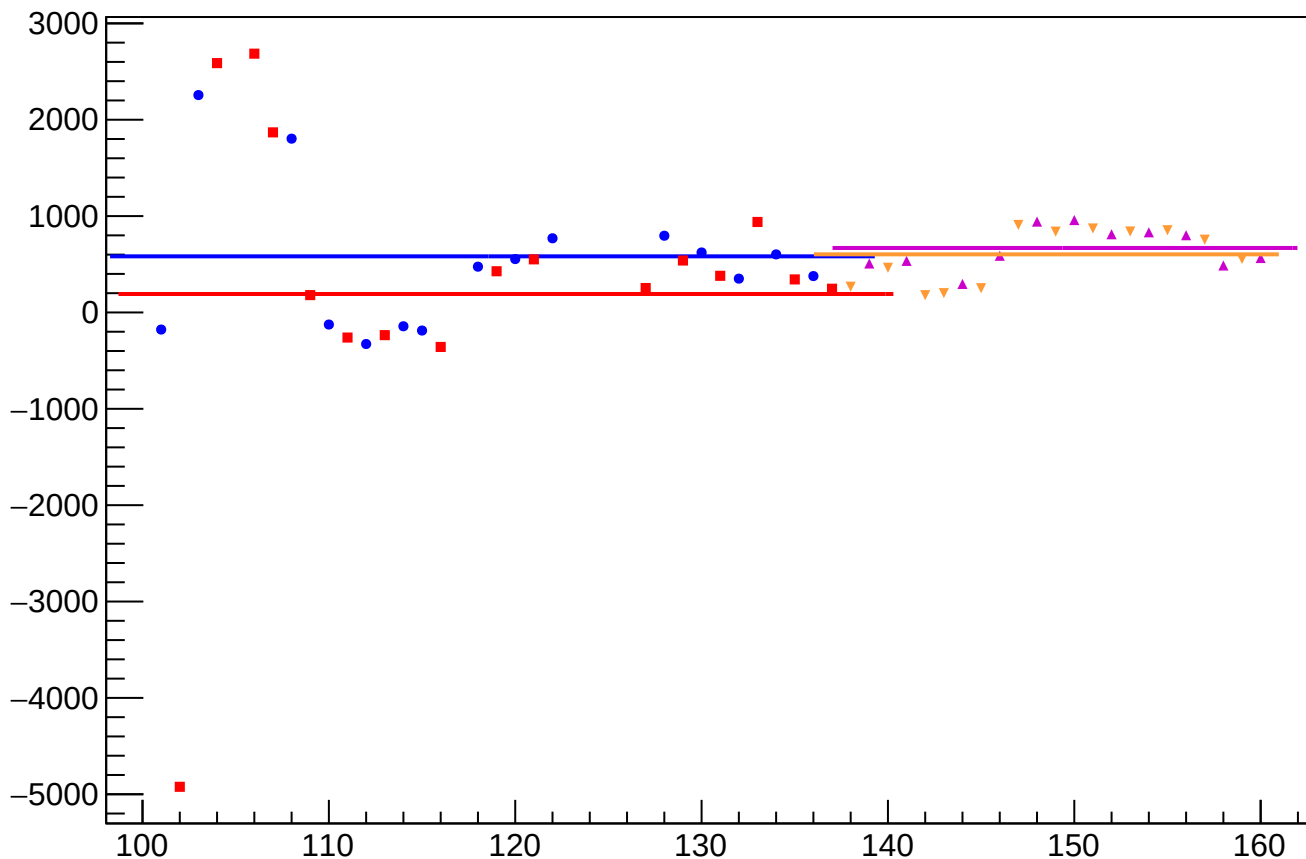
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- 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: 603.094+/-0.000 χ^2/NDF : 68810038419463001004878574988679970816.0/11

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 594.514+/-0.000 χ^2/NDF : 407769521673703

All: 531.231+/-0.000 χ^2/NDF : 271680523727

- 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: 141.867+/-0.000 χ^2/NDF : 675701485078594006846282081211777024.0/11

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

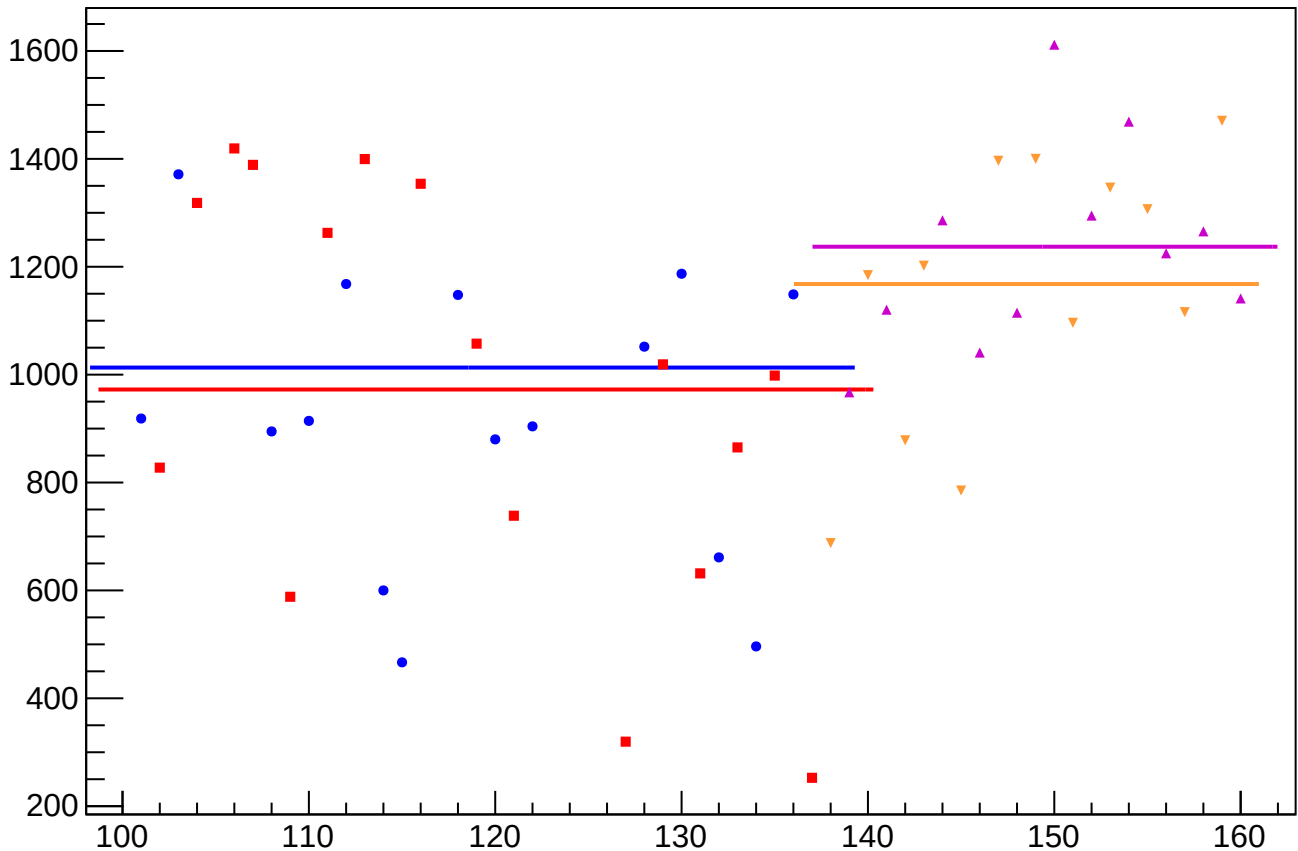
Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

+ sign 307.831+/-0.000 χ^2/NDF : 475999879031261

All: 375.544+/-0.000 χ^2/NDF : 325911775332

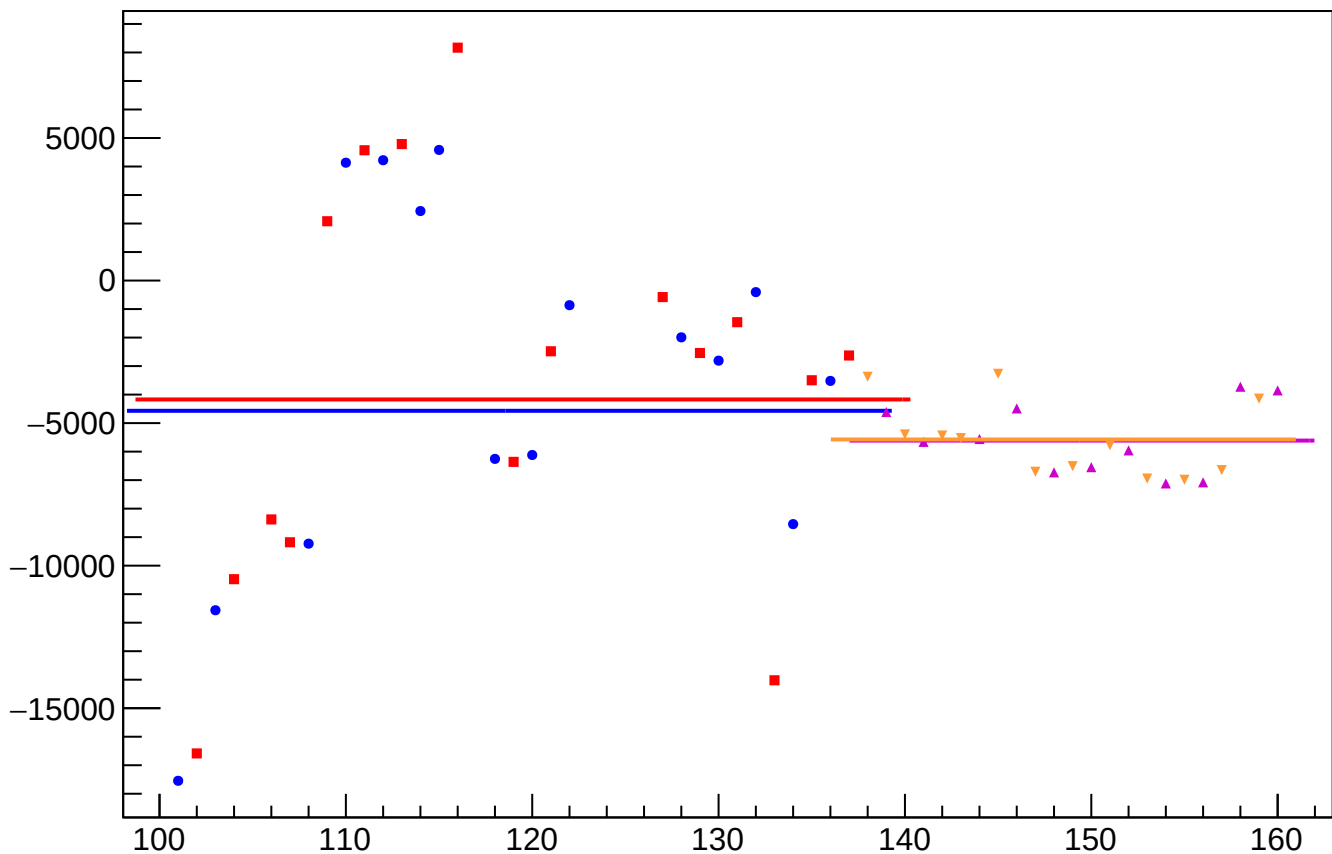
- sign 442.194+/-0.000 χ^2/NDF : 276887014570090

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1103.808+/-0.000	χ^2/NDF : 95441405756272
Left Out: 1167.974+/-0.000	χ^2/NDF : 54610138783870430946405205692756525056.0/11	All: 1115.086+/-0.000	χ^2/NDF : 23218314916
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		

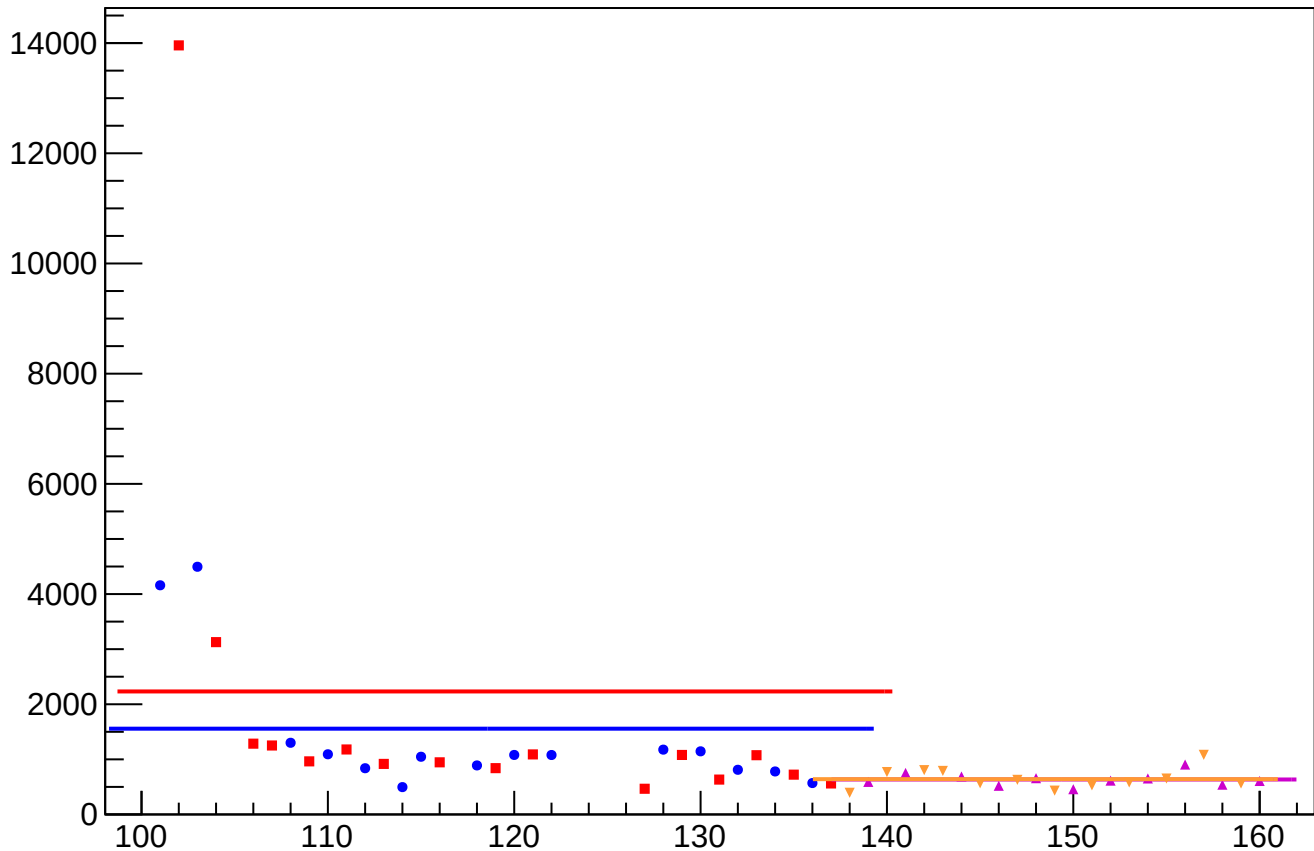
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5574.062+/-0.000	χ^2/NDF : 1562689011038892047530316656159376801792.0/11
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5613.024+/-0.000	χ^2/NDF : 1272210659936261957248133173503170969600.0/10

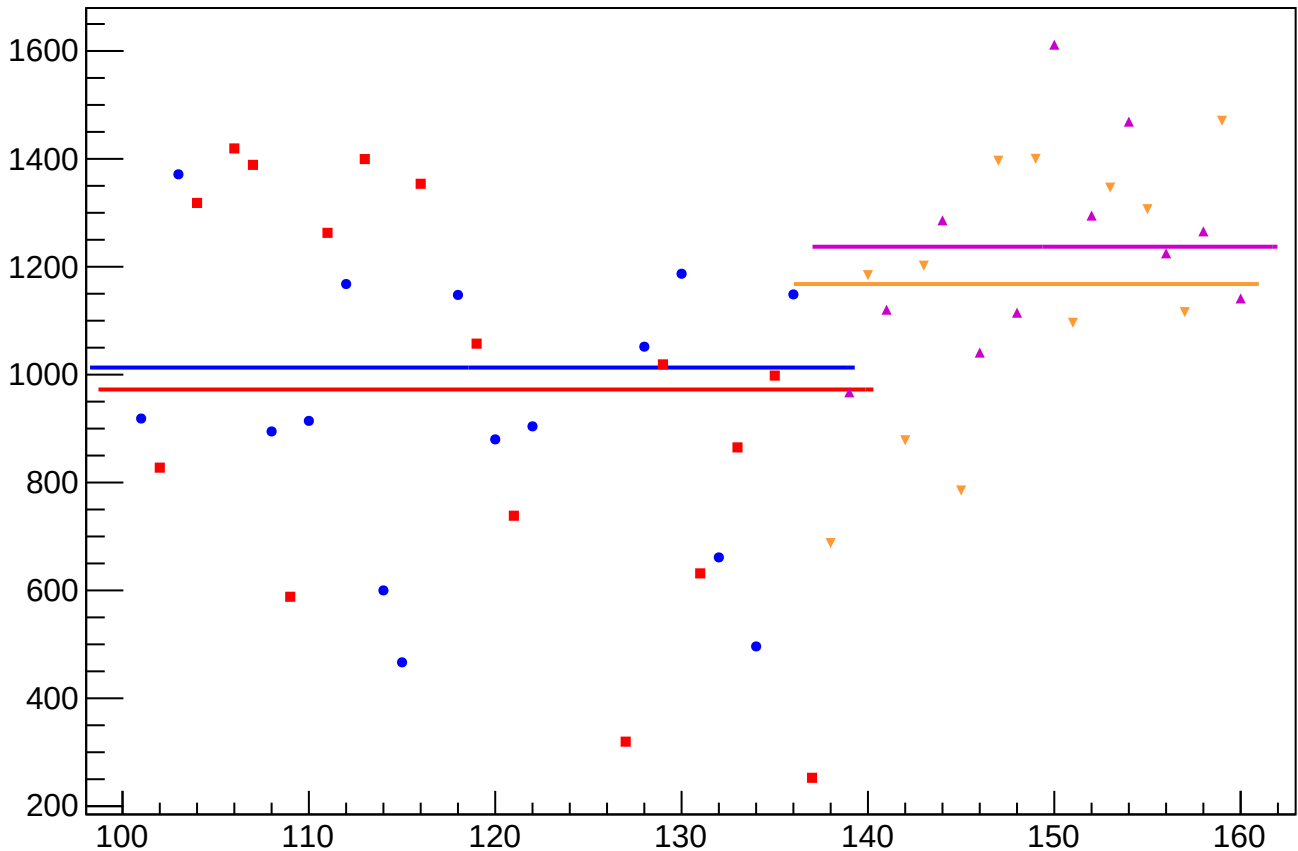
+ sign -5157.241+/-0.000 χ^2/NDF : 2614216939022
 All: -5082.223+/-0.000 χ^2/NDF : 5920488345
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 640.537+/-0.000 χ^2/NDF : 30170658754052148161516421209078628352.0/11
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 634.562+/-0.000 χ^2/NDF : 12308442809403031190669556314642841600.0/10

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

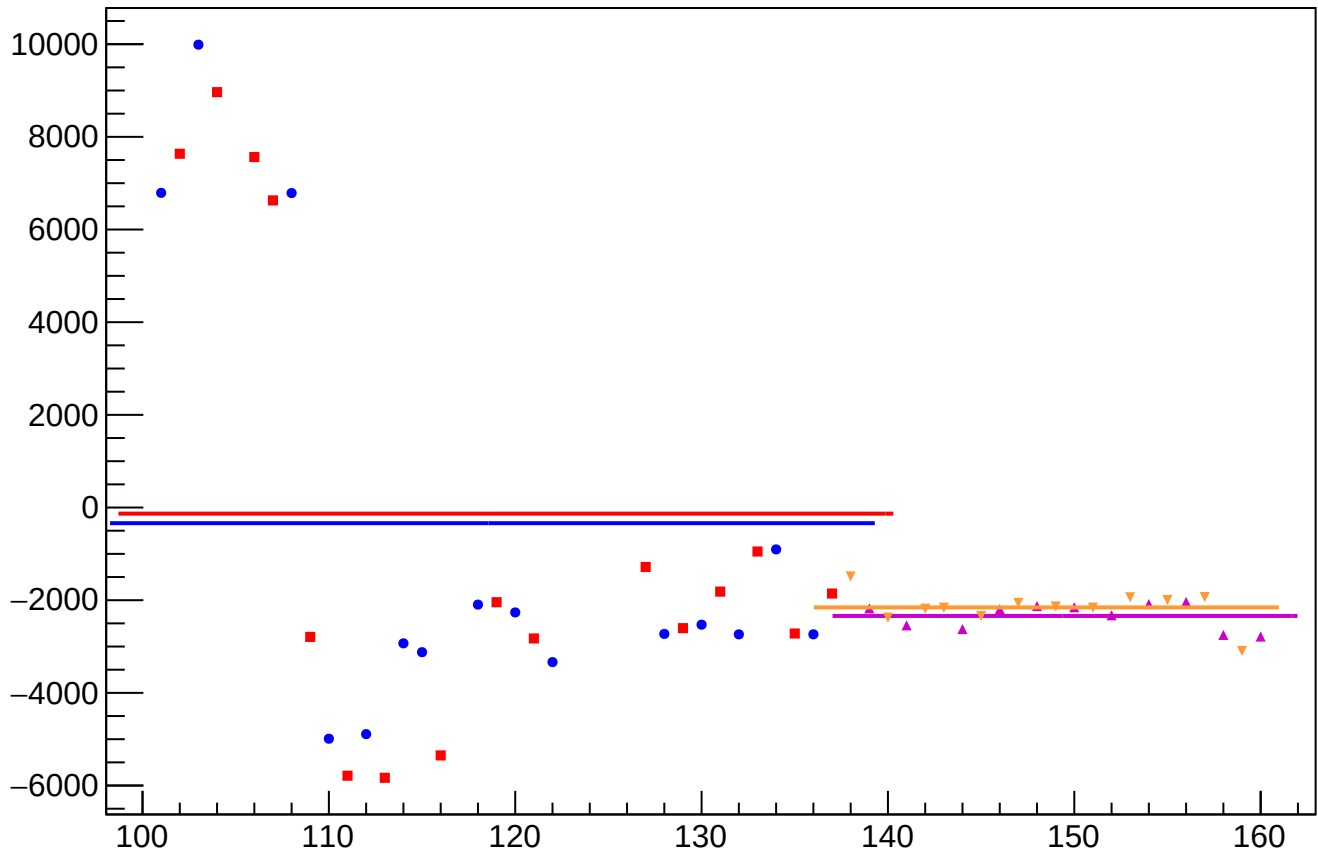
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- 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: -2155.781+/-0.000 χ^2/NDF : 123219365127325232212410930135251812352.0/11

Right Out: -131.545+/-0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15

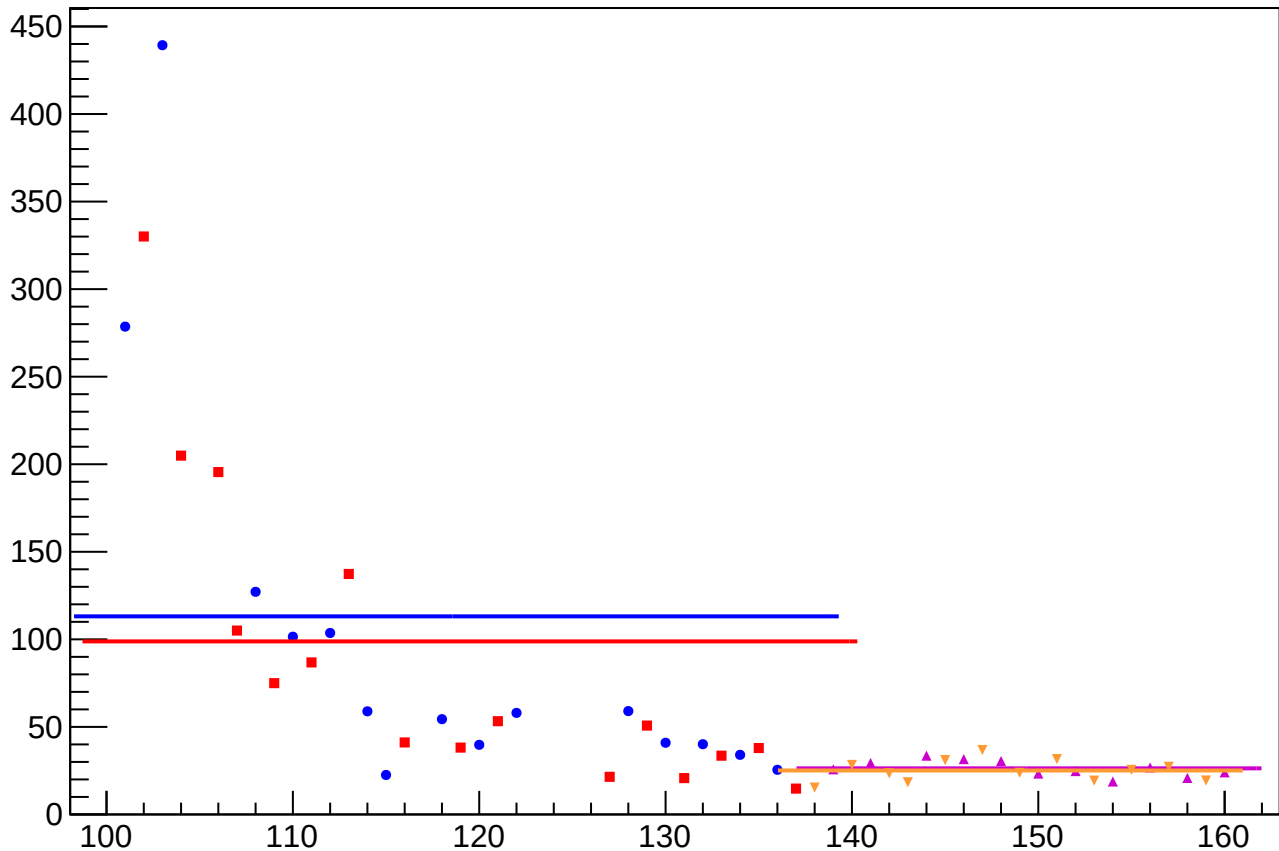
Left In: -2339.639+/-0.000 χ^2/NDF : 62860144247456957543810906284181422080.0/10

+ sign -1402.379+/-0.000 χ^2/NDF : 1653167827528

All: -1408.202+/-0.000 χ^2/NDF : 3495655876

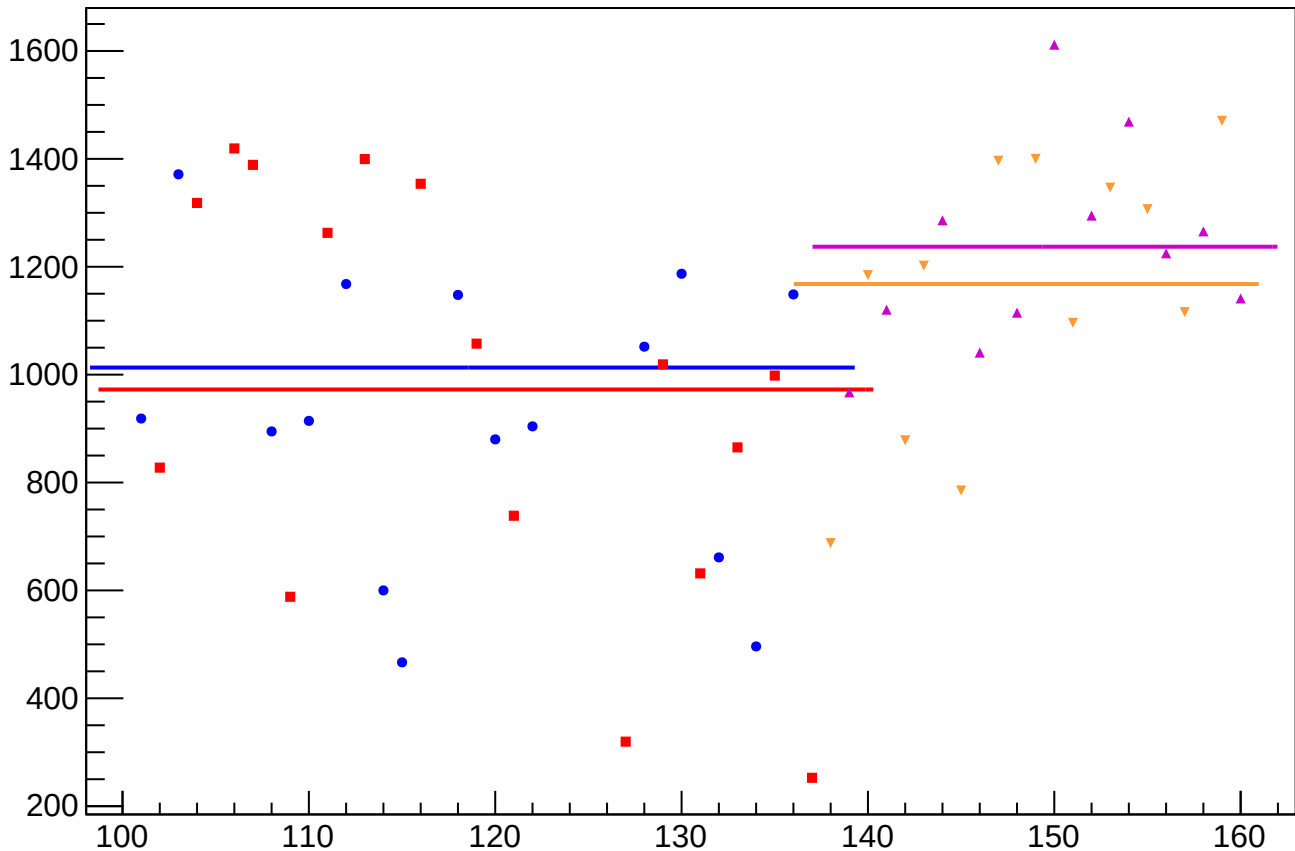
- sign -1413.933+/-0.000 χ^2/NDF : 18424775138160

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134 $\pm$ 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.122 $\pm$ 0.000 χ^2/NDF : 34236554639910499014555581559078912.0/11
 Right Out: 98.833 $\pm$ 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: 26.331 $\pm$ 0.000 χ^2/NDF : 18142873408814573481950758043648000.0/10
 All: 59.142 $\pm$ 0.000 χ^2/NDF : 2055115455871
 + sign 61.597 $\pm$ 0.000 χ^2/NDF : 1296766126844036
 - sign 56.726 $\pm$ 0.000 χ^2/NDF : 7564771732797838

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

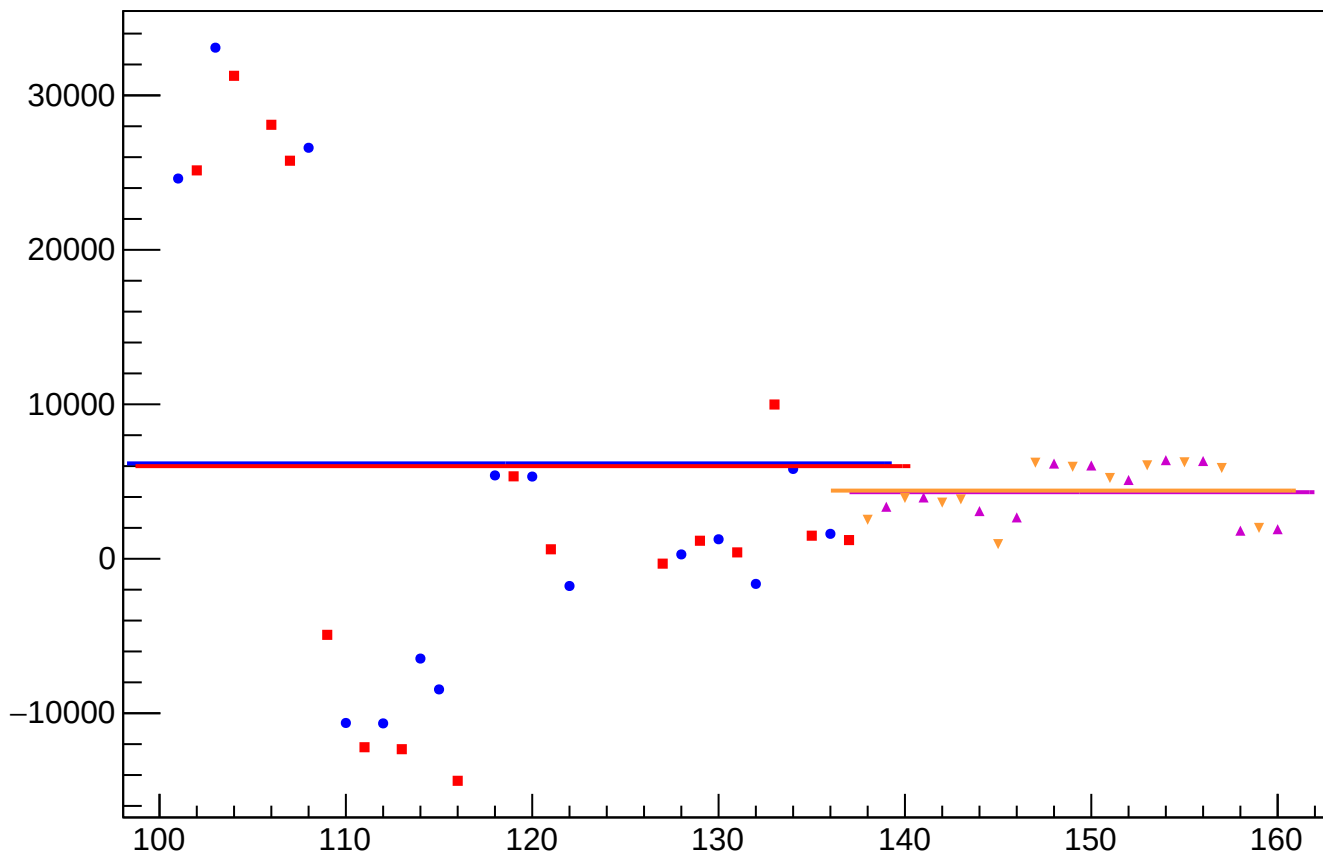
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

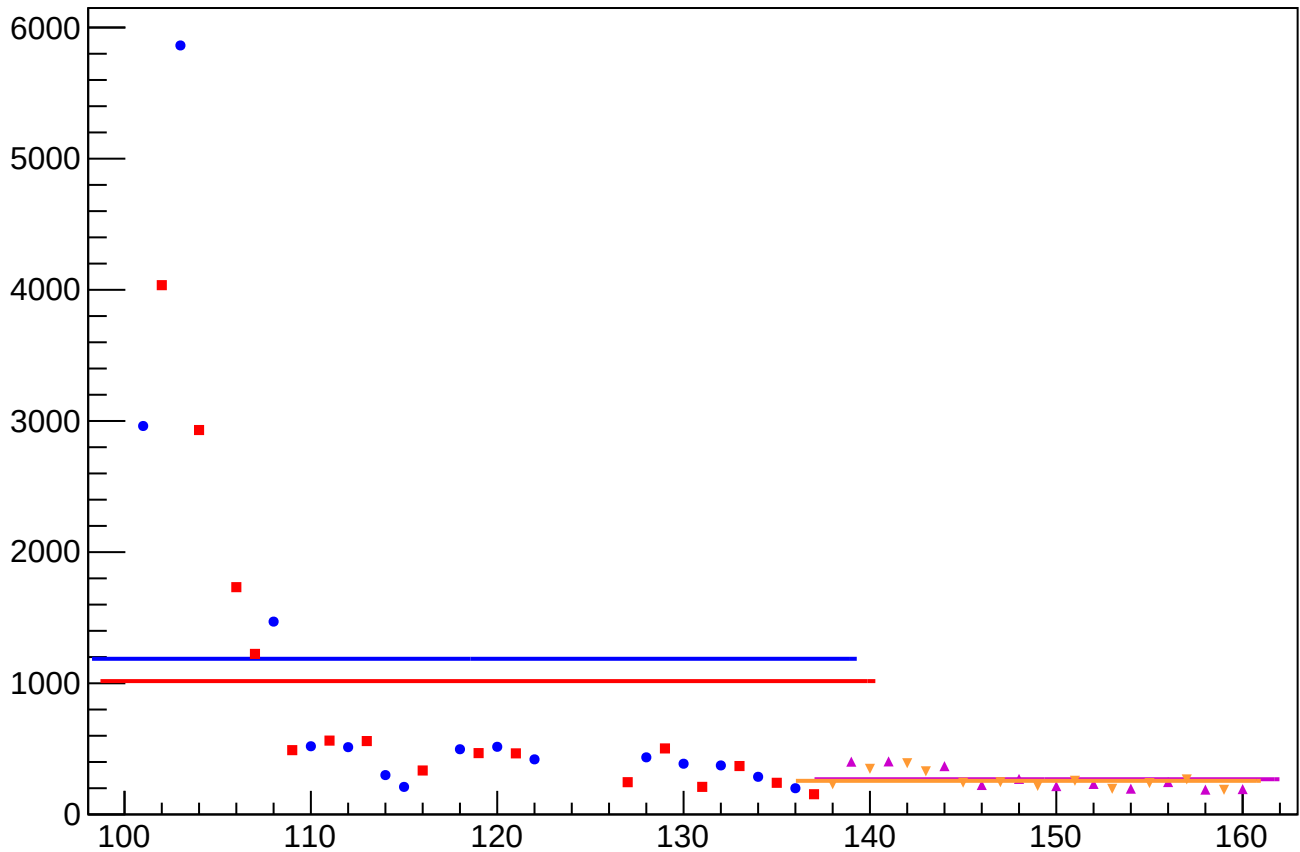
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam2_coil6_mean vs Slug



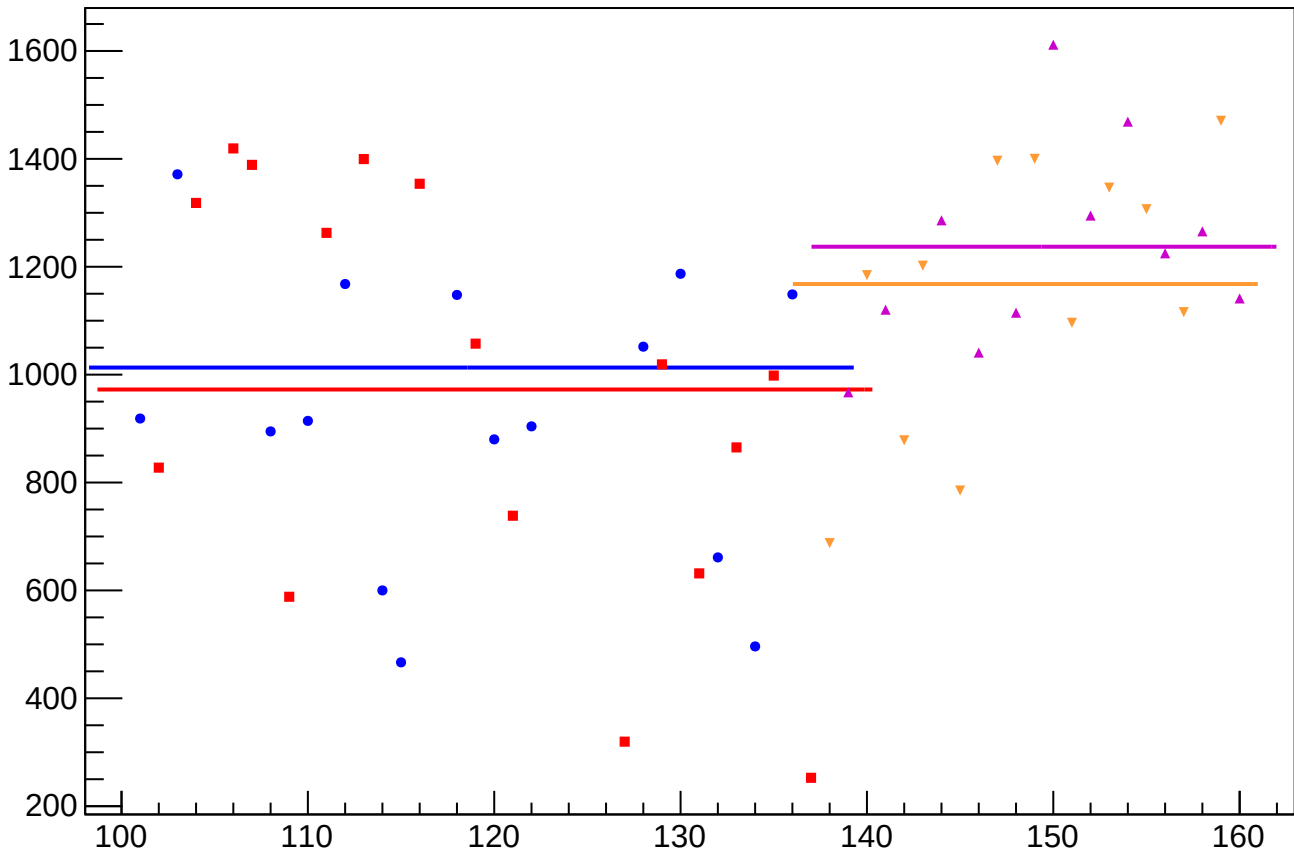
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4413.614+/-0.000 χ^2/NDF : 2955972864027480615108884679842756296704.0/11
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4310.541+/-0.000 χ^2/NDF : 2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug



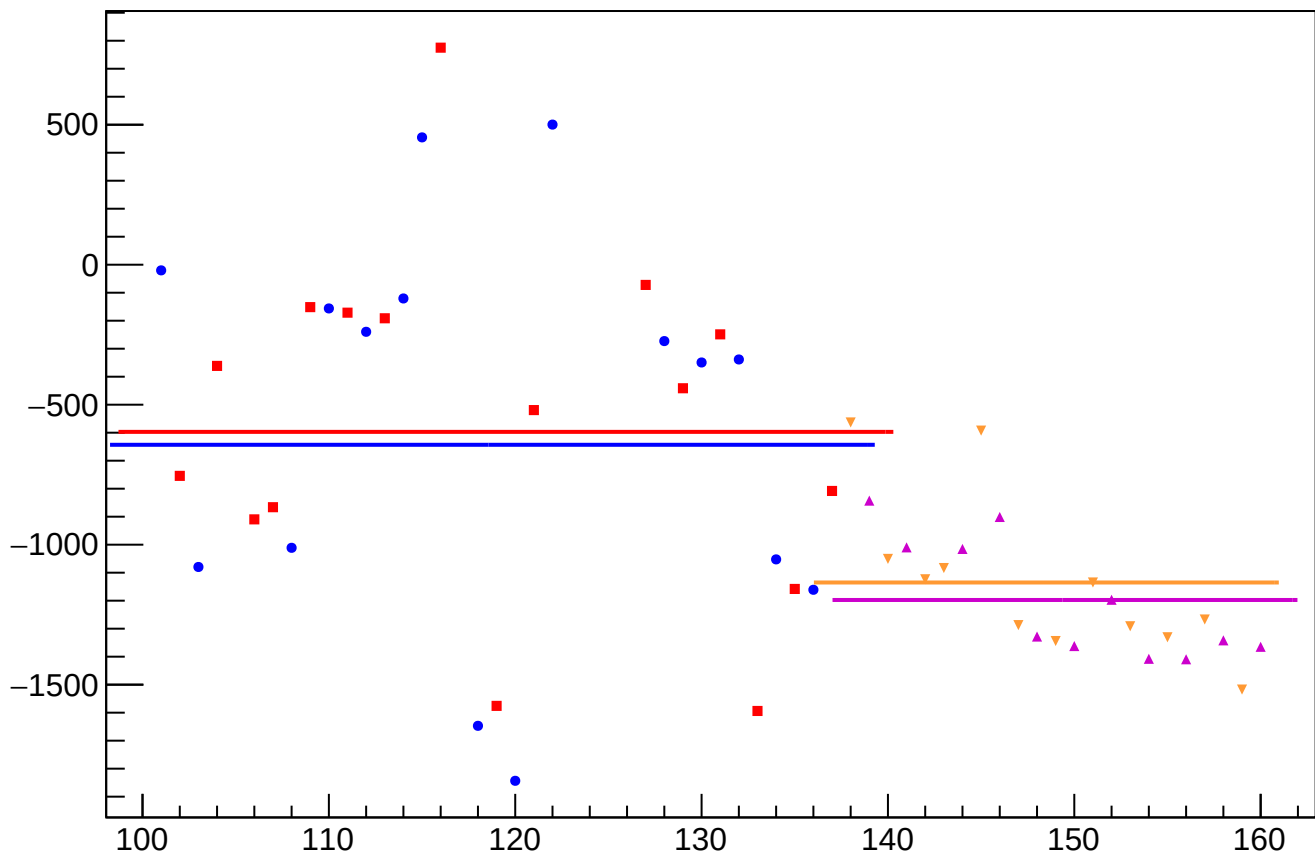
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 256.413 $\pm$ 0.000 χ^2 /NDF: 2796377992740210527233445839838904320.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 All: 611.860 $\pm$ 0.000 χ^2 /NDF: 328145858108
 + sign 642.014 $\pm$ 0.000 χ^2 /NDF: 212825698662926
 - sign 582.179 $\pm$ 0.000 χ^2 /NDF: 115037612749111

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974 $\pm$ 0.000 χ^2 /NDF: 54610138783870430946405205692756525056.0/11
 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: -1135.033+/-0.000 χ^2/NDF : 73789817632186163776632146016354697216.0/11

Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

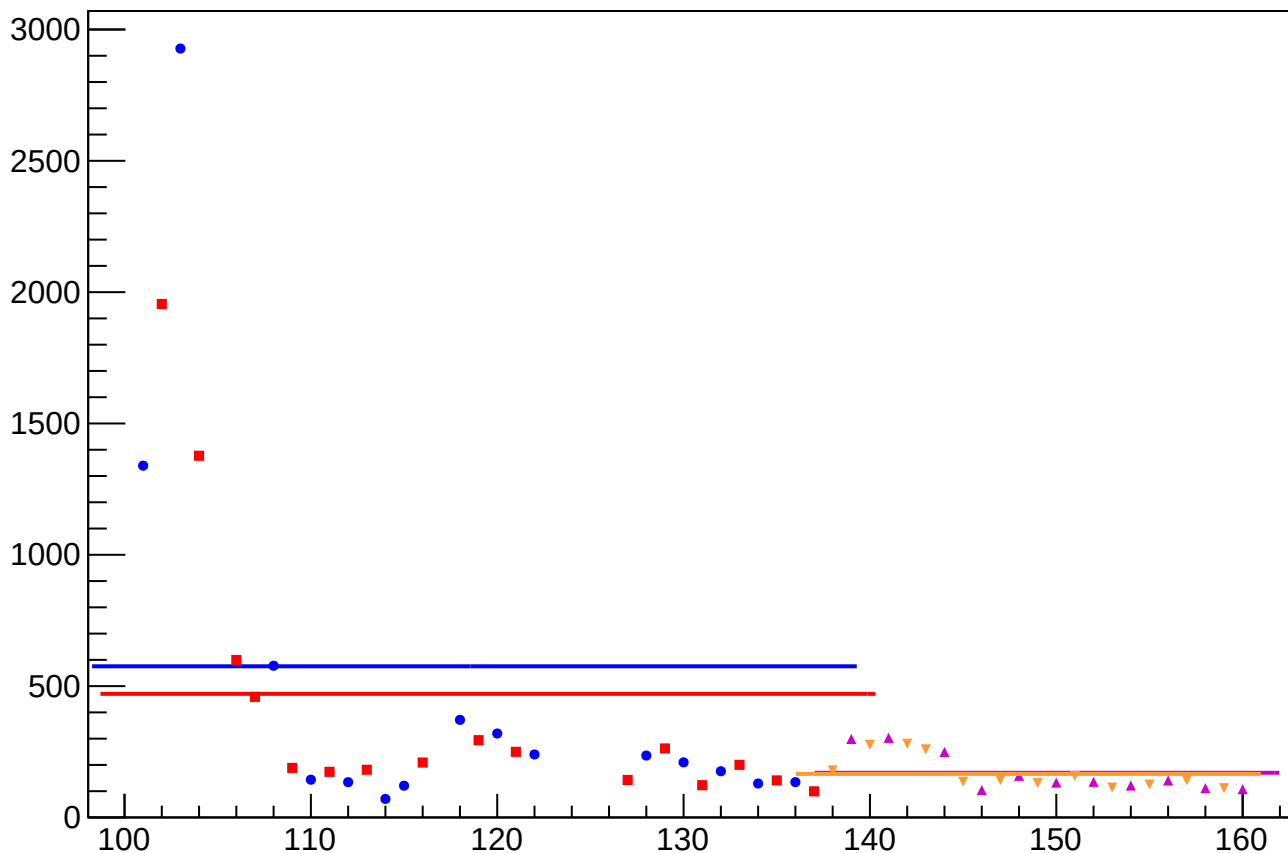
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ sign -931.209+/-0.000 χ^2/NDF : 43844054596659

All: -938.547+/-0.000 χ^2/NDF : 82763369578

- 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: 165.815 ± 0.000 χ^2/NDF : 3077732362329556605426877868663635968.0/11

Right Out: 470.716 ± 0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

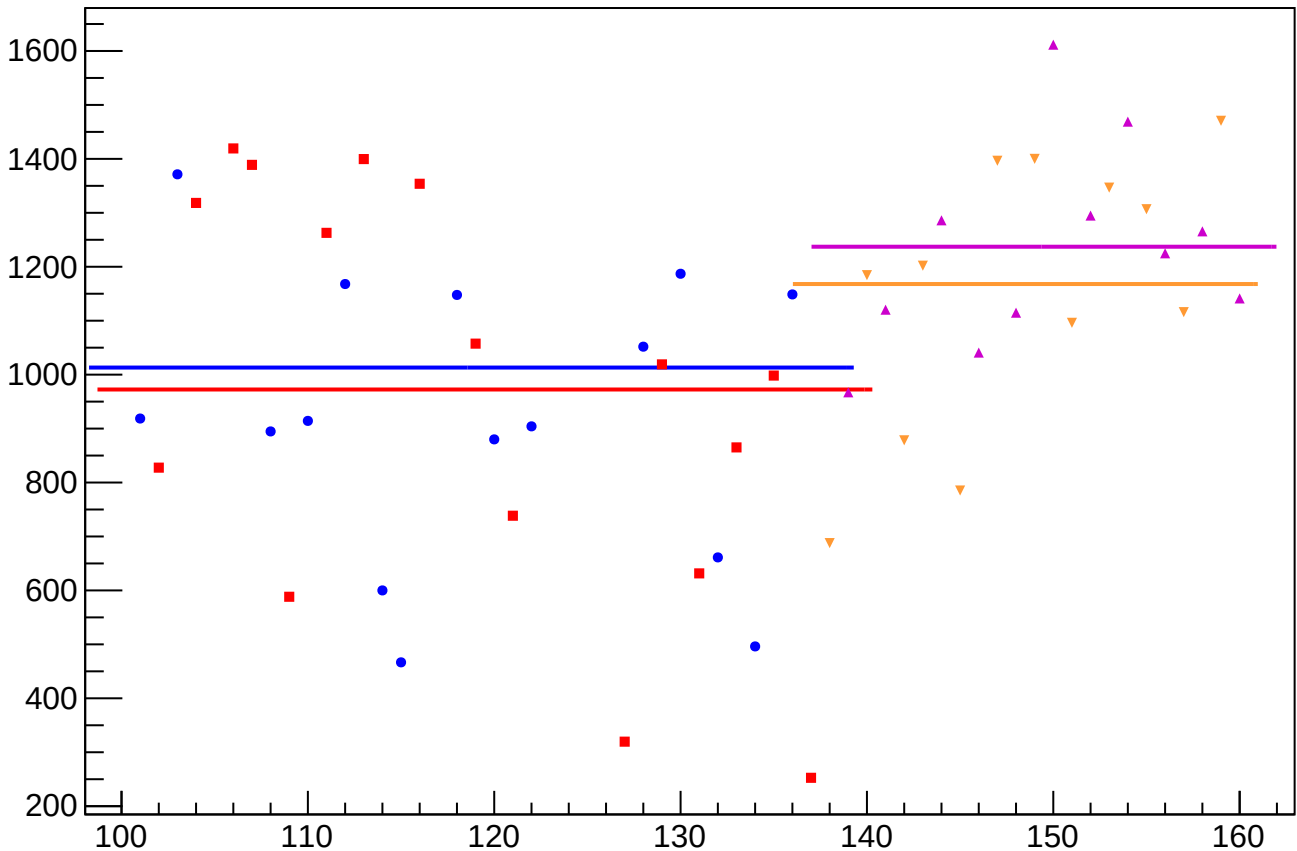
Left In: 170.082 ± 0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

All: 315.709 ± 0.000 χ^2/NDF : 7499549363635968.0/11

+ sign 335.612 ± 0.000 χ^2/NDF : 499551292121539

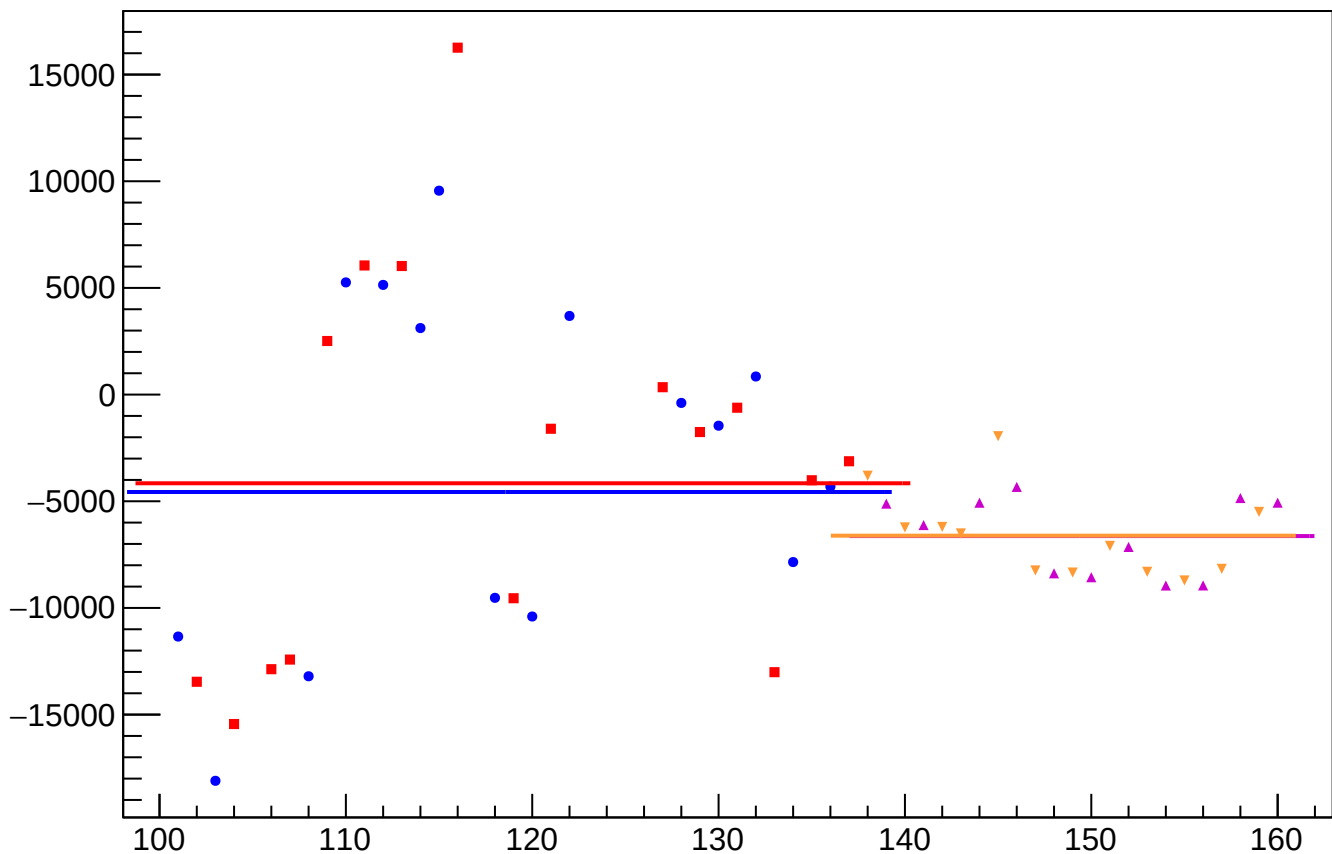
- sign 296.118 ± 0.000 χ^2/NDF : 249172631287531

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

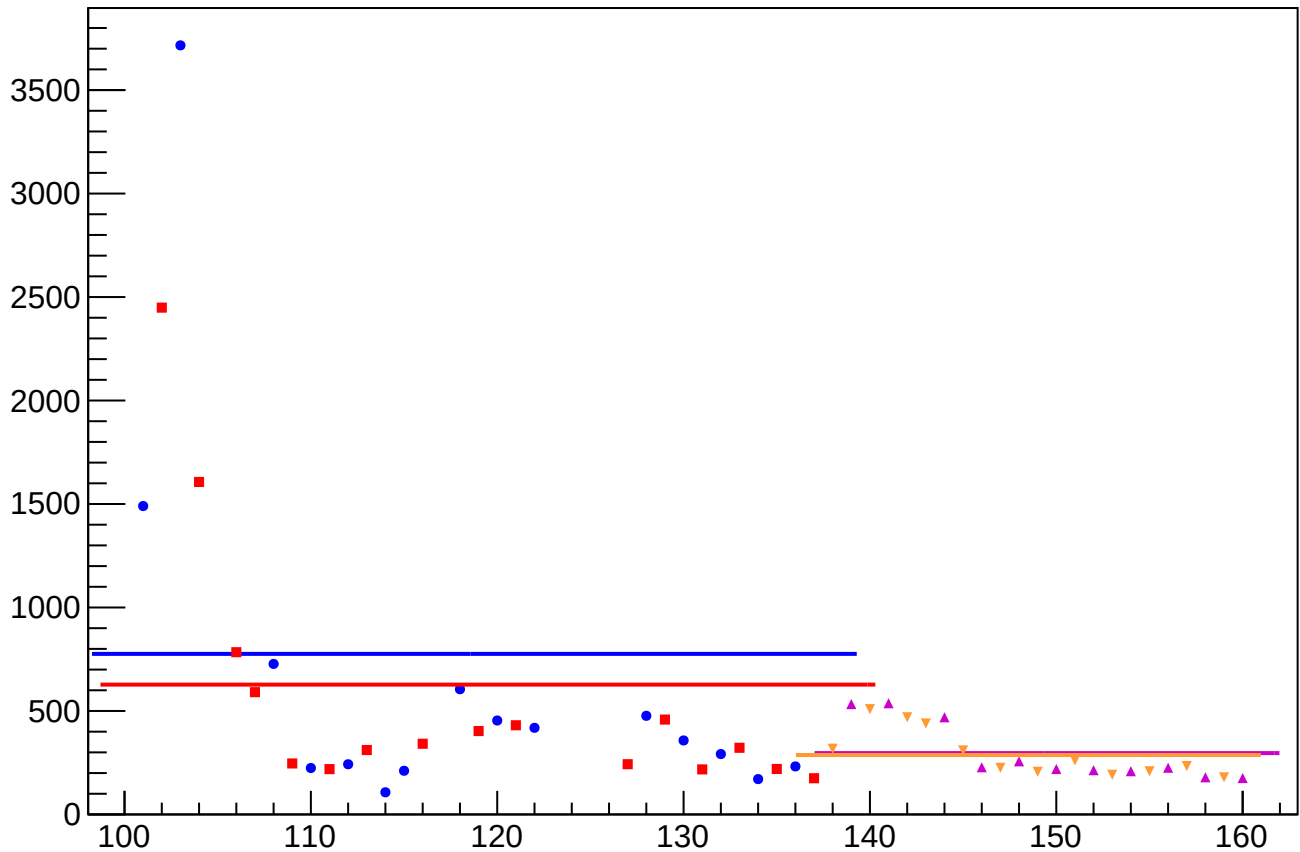
dit_sam4_coil6_mean vs Slug



Right In: -4565.412 ± 0.000	χ^2/NDF : 35667768247432289984899042725155487875072.0/14
Left Out: -6612.752 ± 0.000	χ^2/NDF : 3759909720266492863199038301551573598208.0/11
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 -5764.270 ± 0.000 χ^2/NDF : 4102062790522
 All: -5678.449 ± 0.000 χ^2/NDF : 9178607945
 - sign -5593.977 ± 0.000 χ^2/NDF : 50742565096238

dit_sam4_coil6_err_mean vs Slug



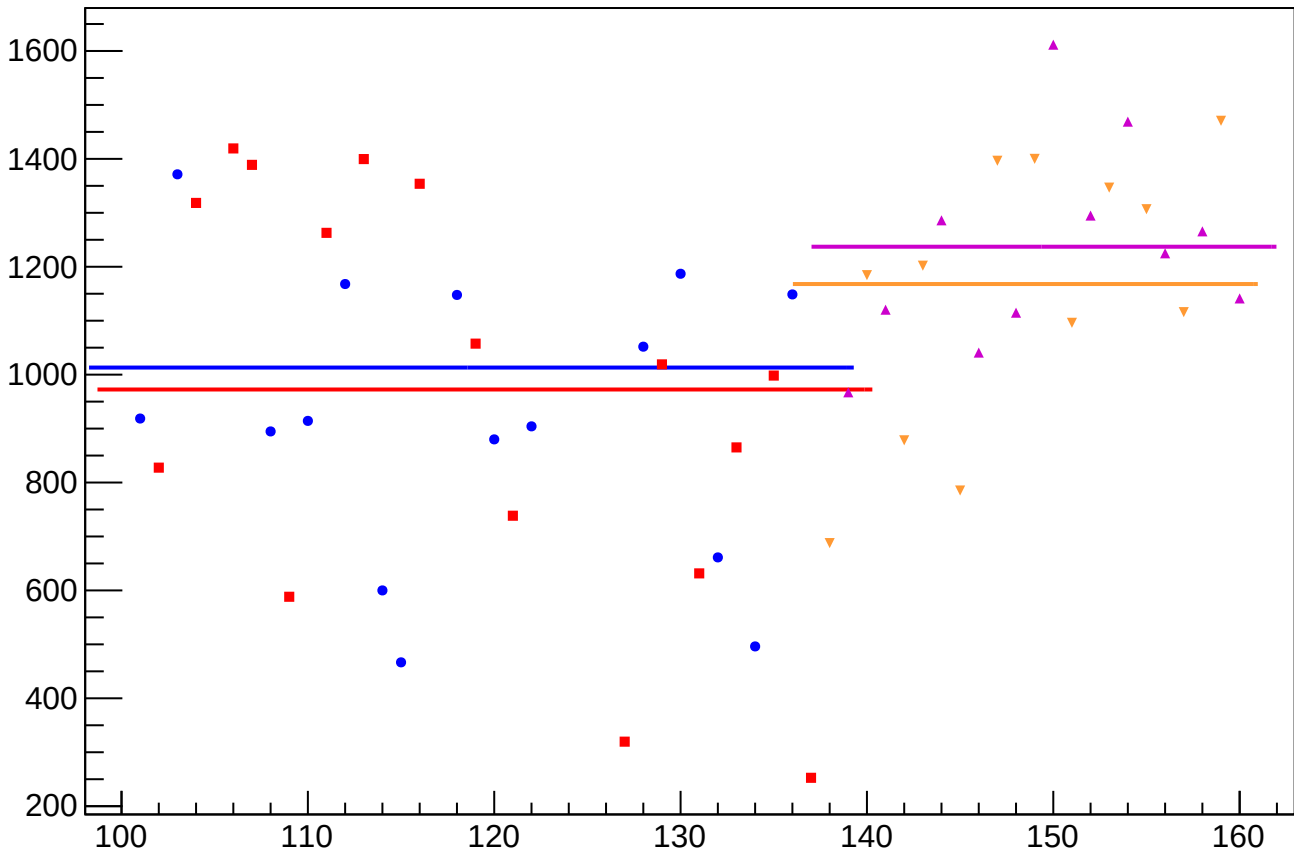
Right In: 775.824+/-0.000	χ^2/NDF : 641856726975740612716432458612629045248.0/14
Left Out: 287.283+/-0.000	χ^2/NDF : 10557467074341773559479069744616701952.0/11
Right Out: 627.315+/-0.000	χ^2/NDF : 297517676171111924966086193860621369344.0/15
Left In: 296.514+/-0.000	χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 489.750+/-0.000 χ^2/NDF : 743117991938911

All: 462.257+/-0.000 χ^2/NDF : 11024358808

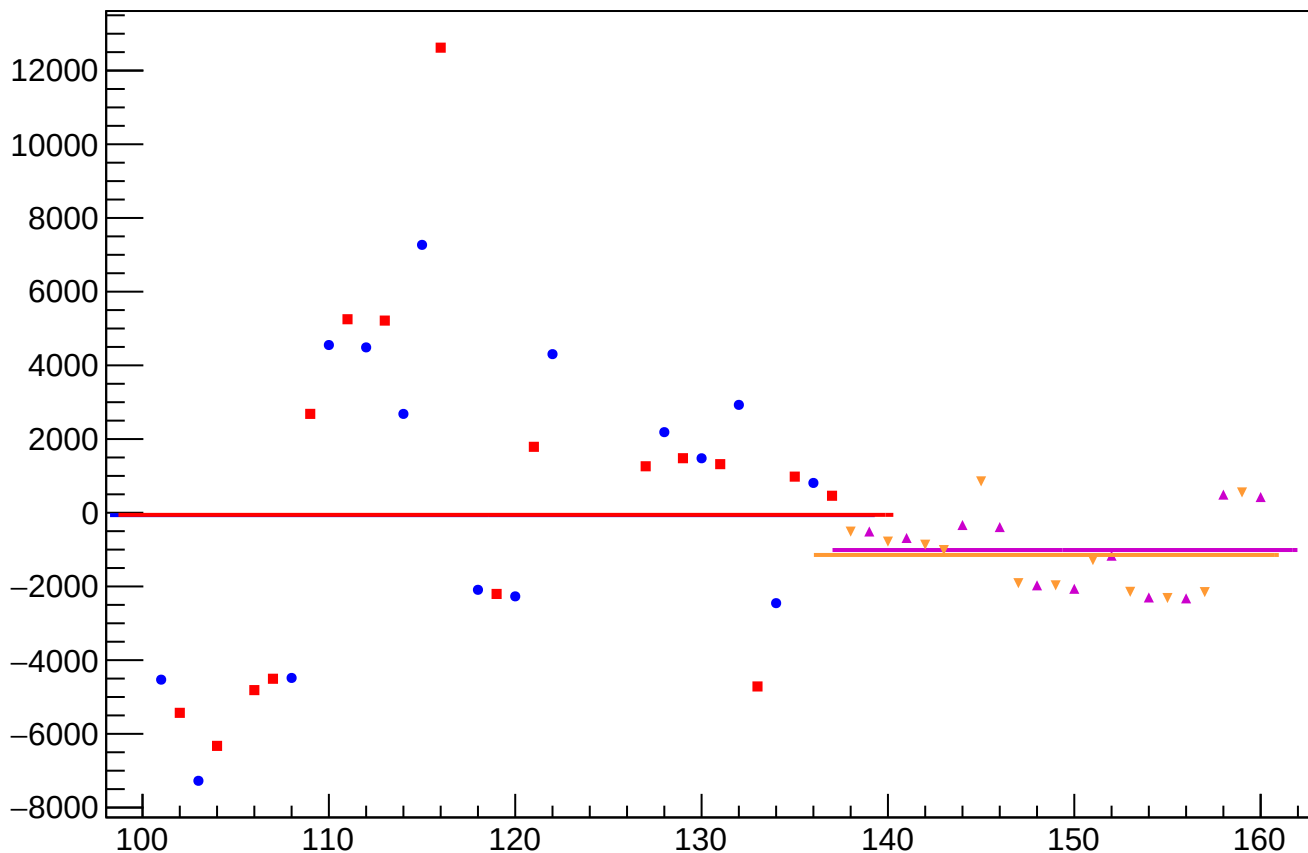
- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam5_coil6_mean vs Slug



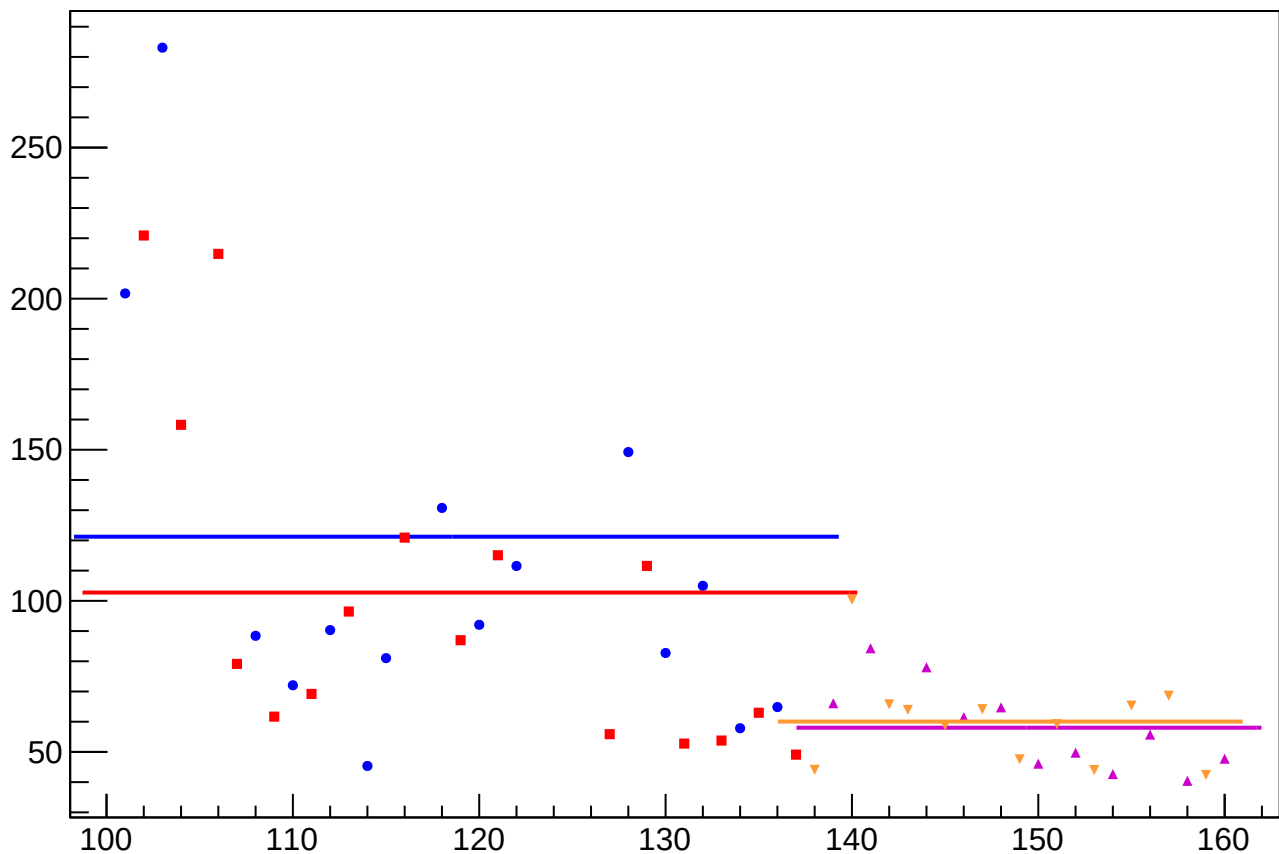
Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -1145.277+/-0.000 χ^2/NDF : 979075596349520821974350897813840199680.0/11

Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: -1011.284+/-0.000 χ^2/NDF : 903909408421874171739001543159795679232.0/10

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14

Left Out: 60.042 $\pm$ 0.000 χ^2 /NDF: 225194152627424805036116621962248192.0/11

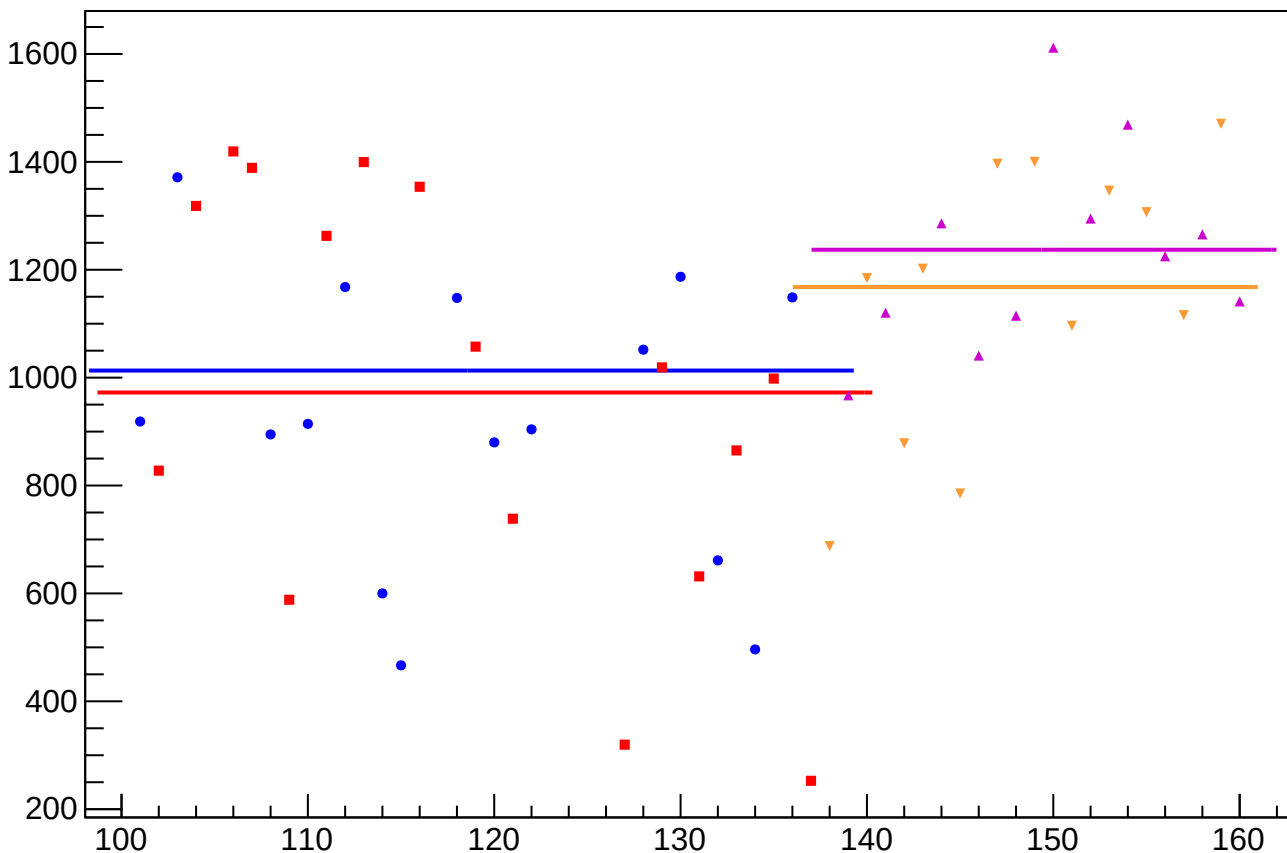
Right Out: 102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15

Left In: 58.011 $\pm$ 0.000 χ^2 /NDF: 177427701786540438757655027214450688.0/10

All: 81.049 $\pm$ 0.000 χ^2 /NDF: 7350332917808

- sign 76.766 $\pm$ 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: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

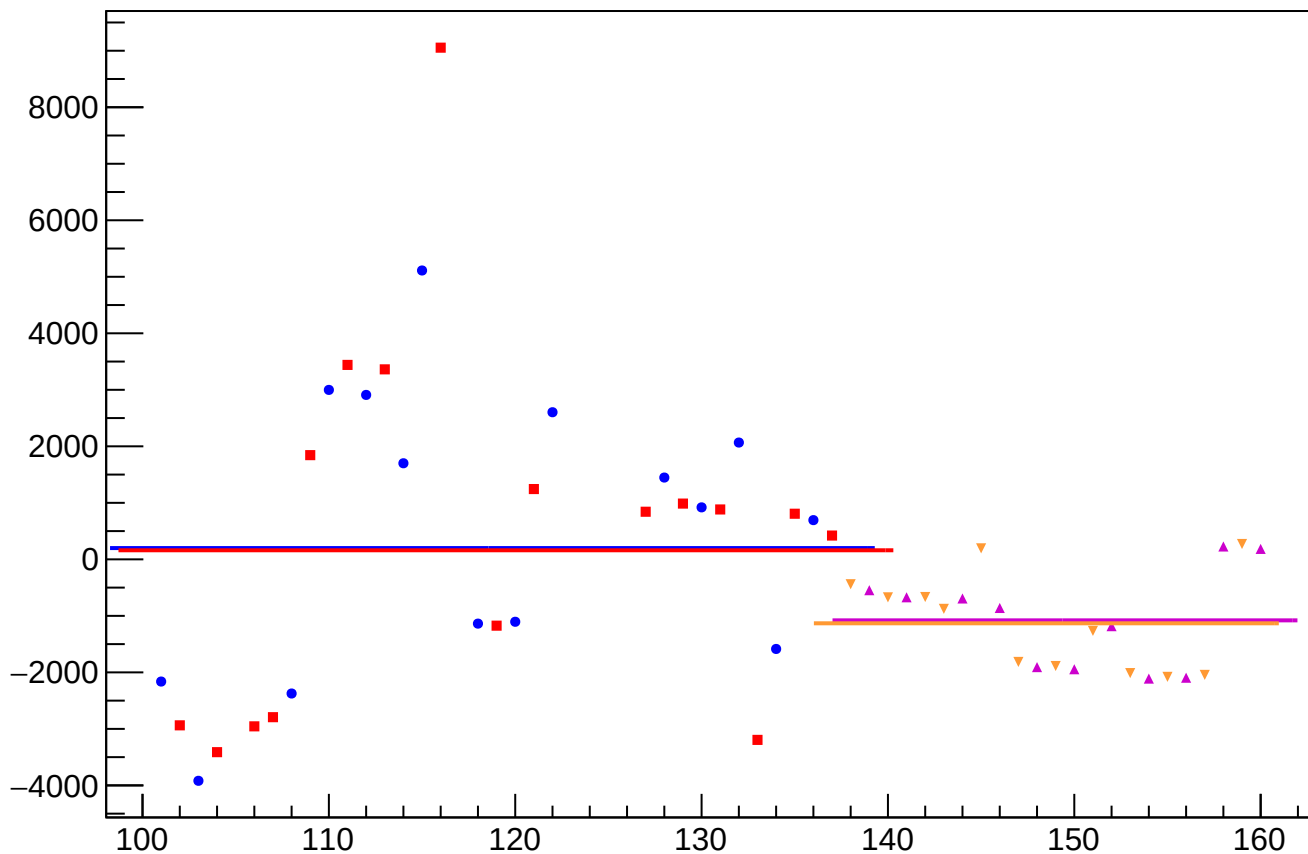
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam6_coil6_mean vs Slug



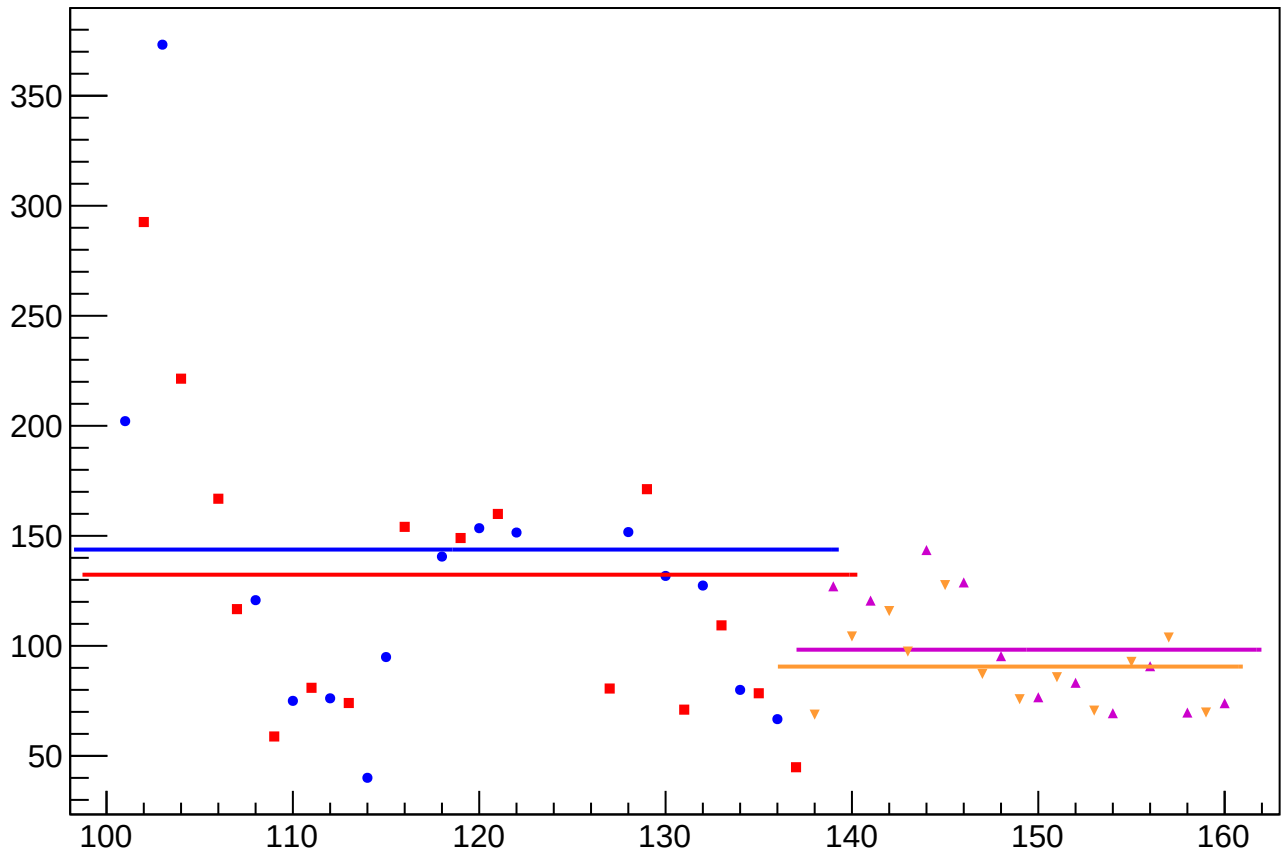
Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14

Left Out: -1131.740+/-0.000 χ^2/NDF : 658434610169859056709733978264796397568.0/11

Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14

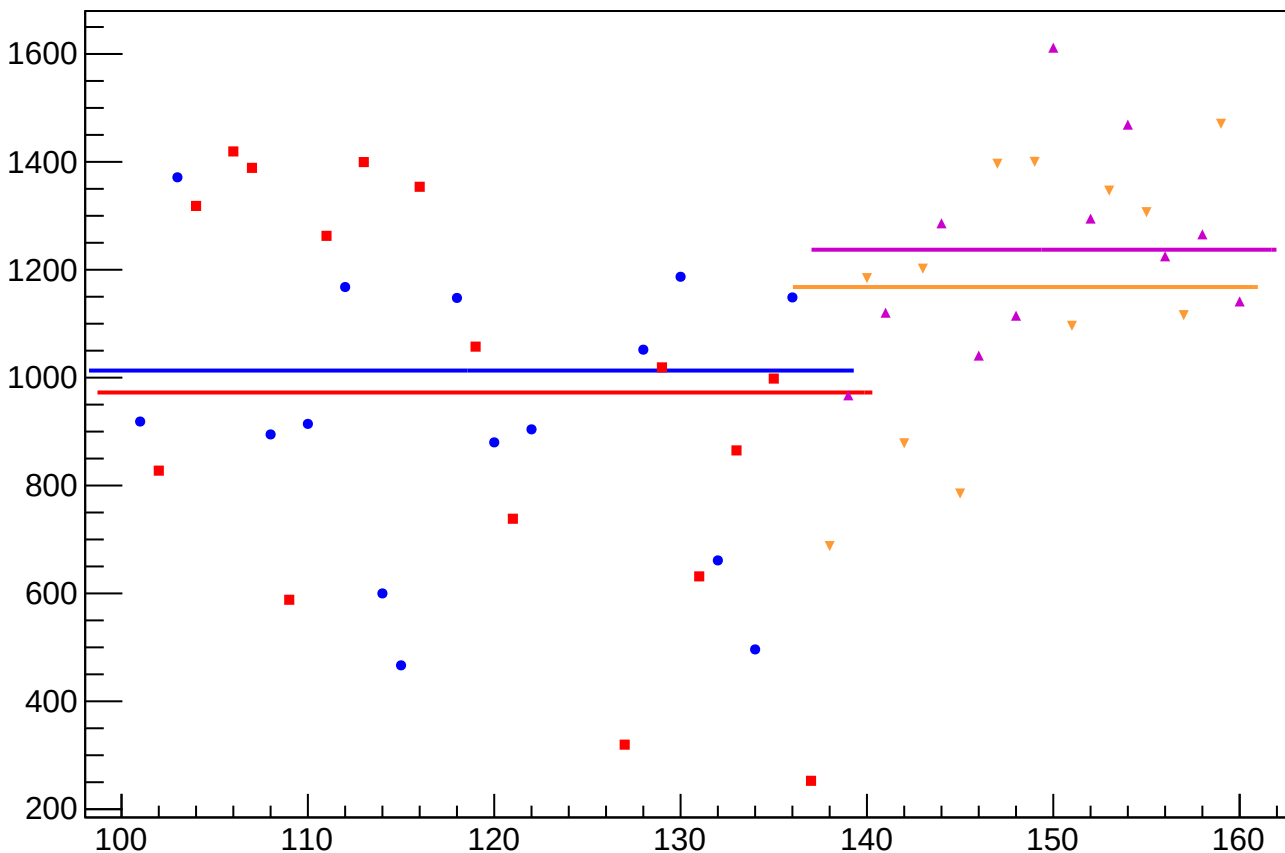
Left Out: 90.584 $\pm$ 0.000 χ^2 /NDF: 300208511037372941883923935499649024.0/11

Right Out: 132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15

Left In: 98.257 $\pm$ 0.000 χ^2 /NDF: 6209937767730933933033369428470792192.0/10

All: 112.584 $\pm$ 0.000 χ^2 /NDF: 101348411349

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

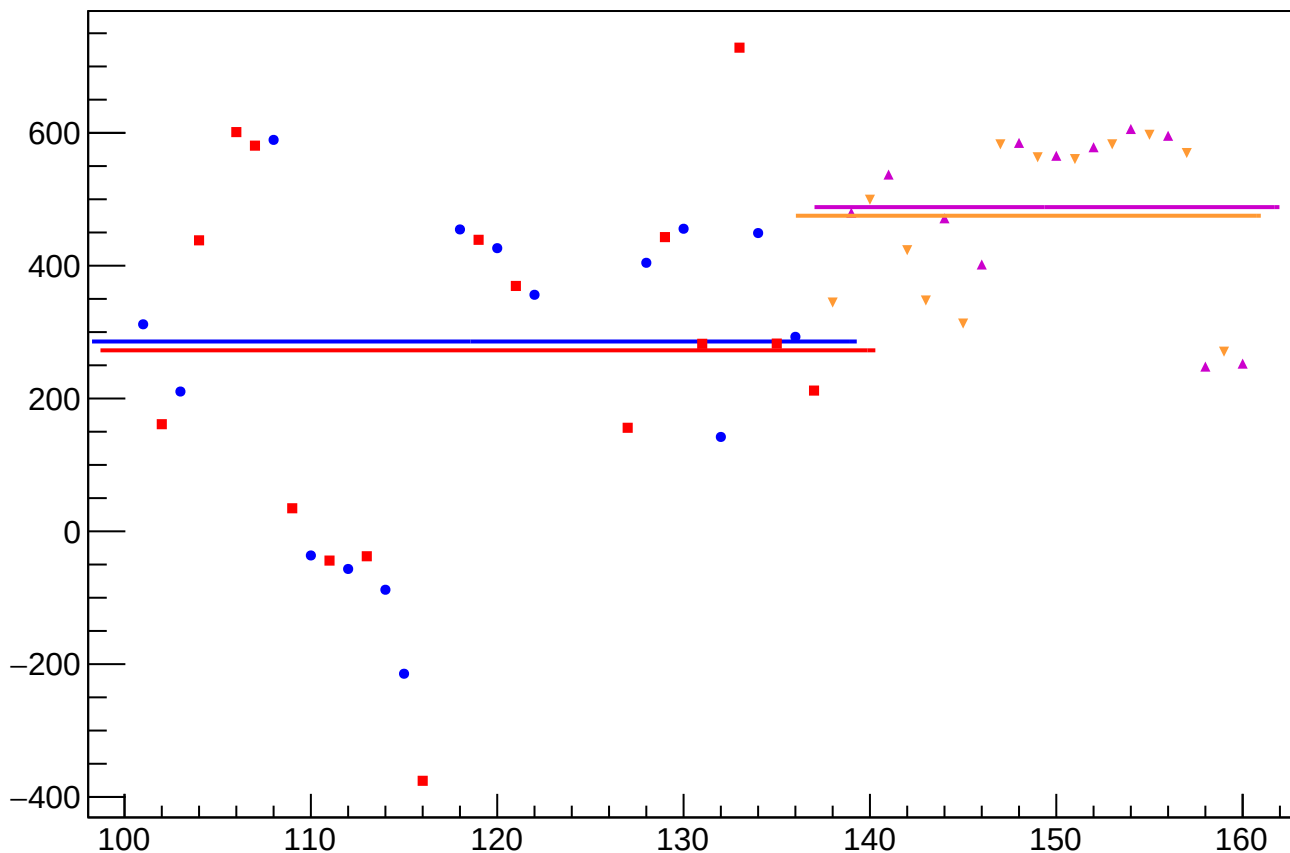
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 475.235+/-0.000 χ^2/NDF : 13070818687465126874075480521523068928.0/11

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

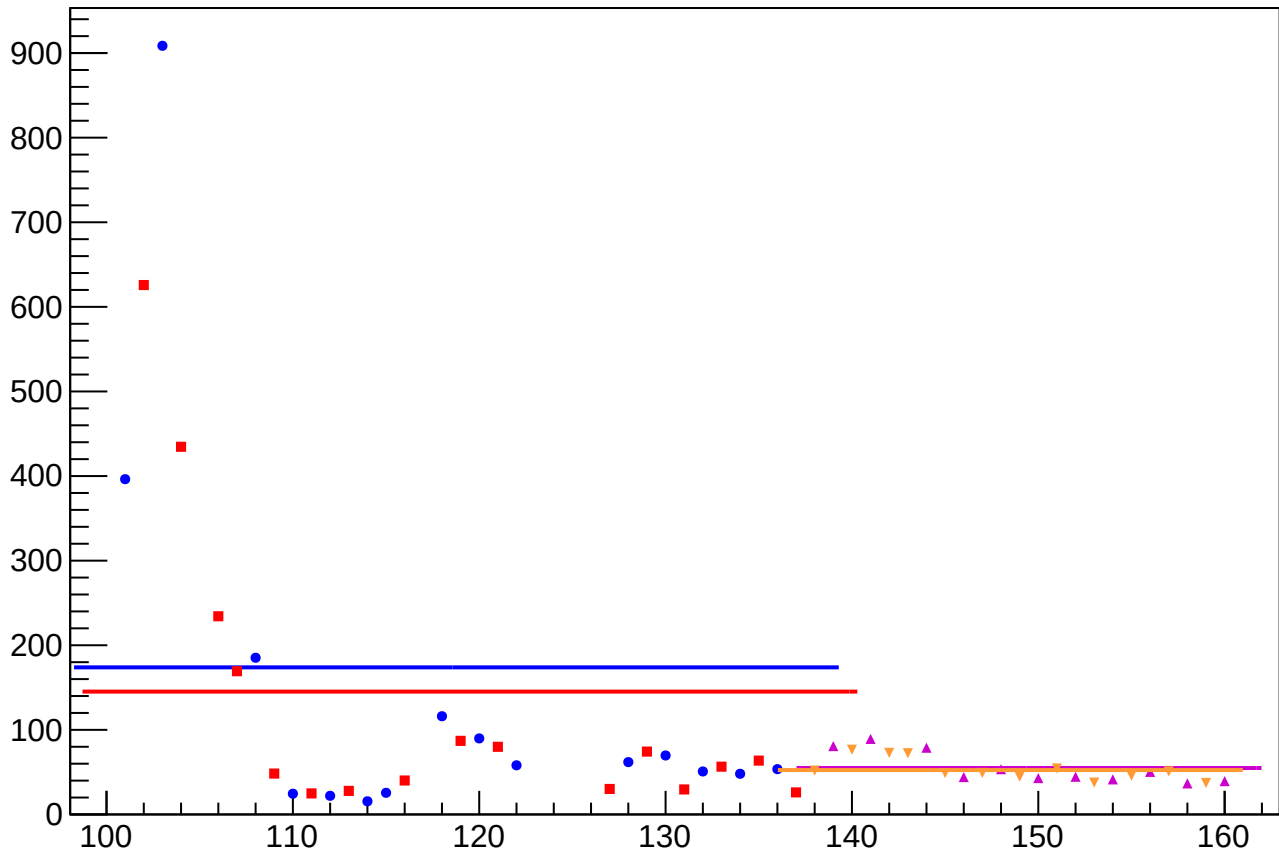
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ sign 396.751+/-0.000 χ^2/NDF : 508087742294544

All: 397.274+/-0.000 χ^2/NDF : 12680558344

- 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 102.790+/-0.000 χ^2/NDF : 474462044613621

Left Out: 52.484+/-0.000 χ^2/NDF : 140982522312355375266483802671677440.0/11

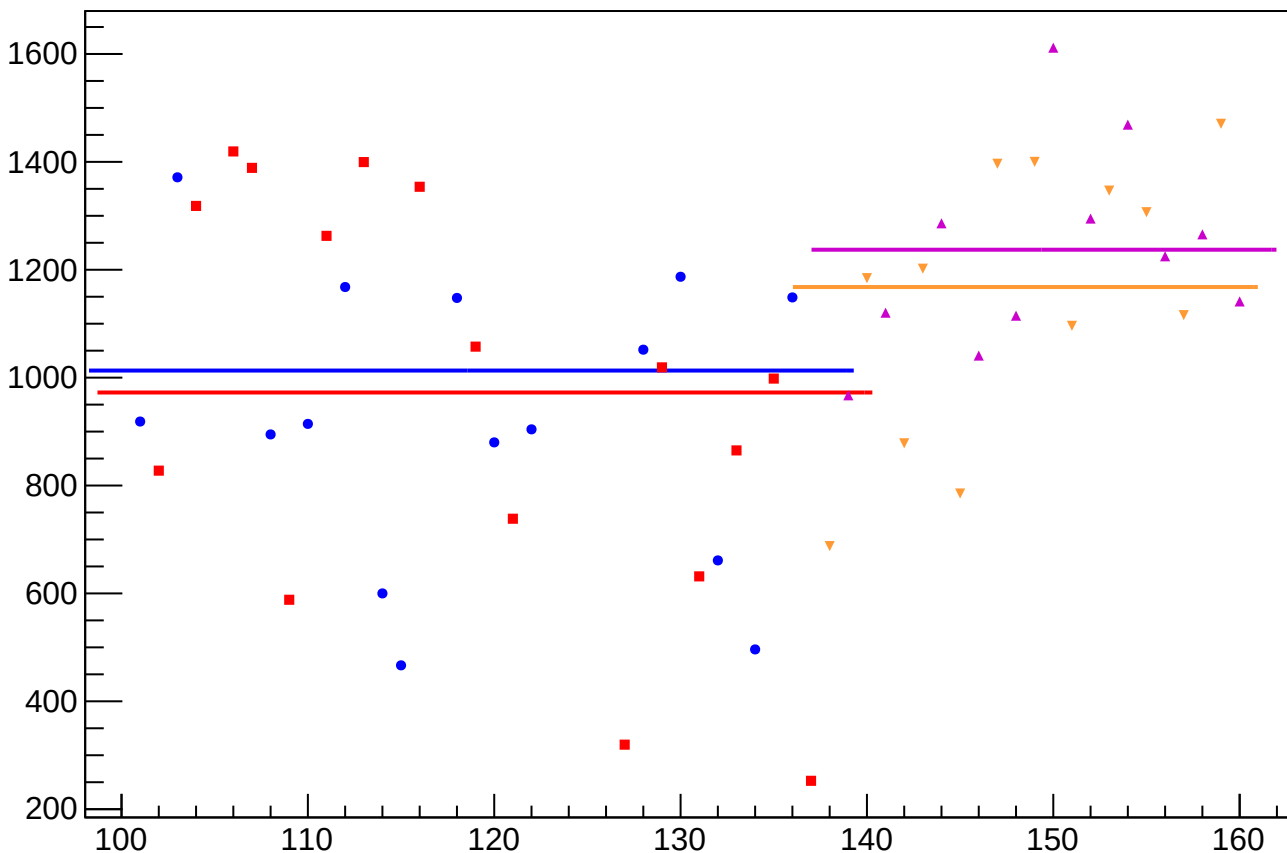
All: 97.737+/-0.000 χ^2/NDF : 7351678638524

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: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

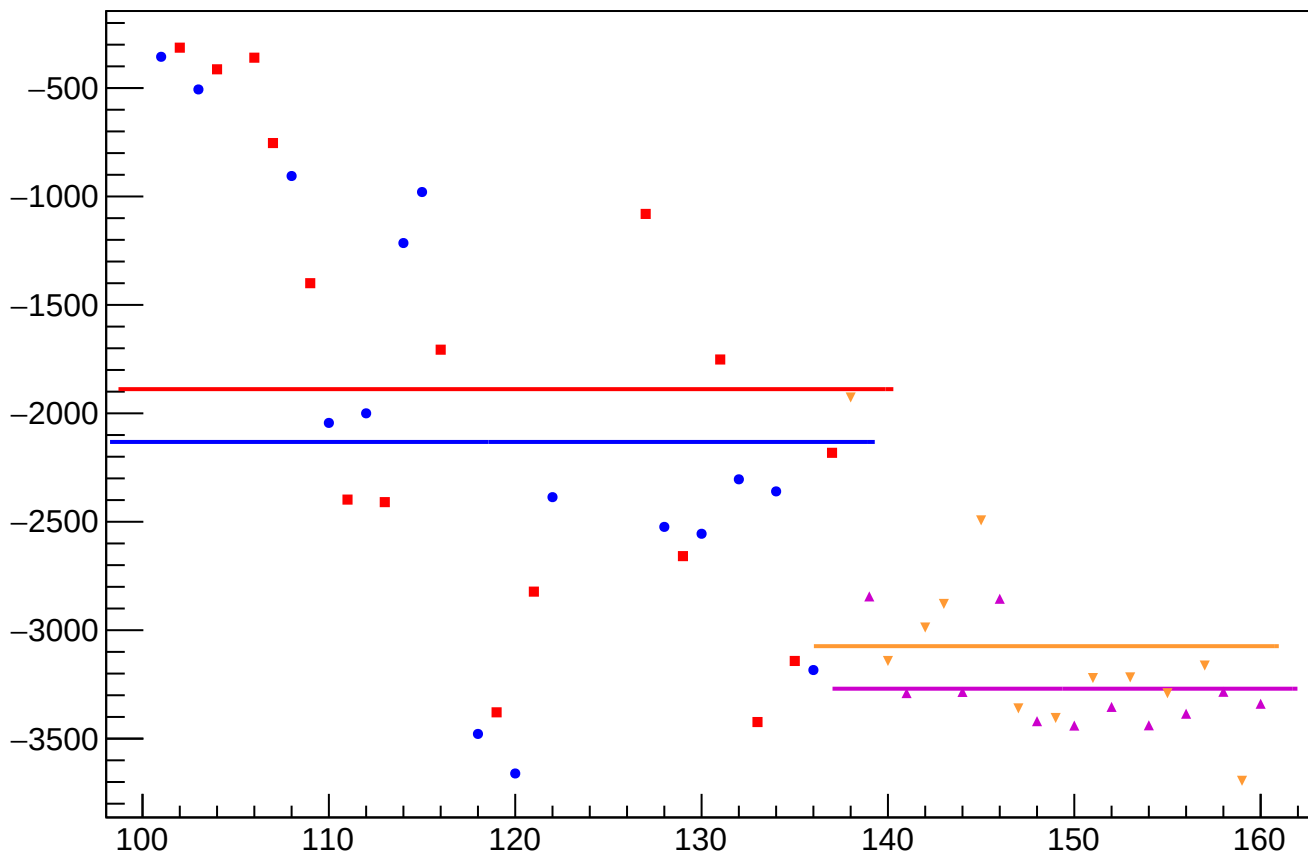
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

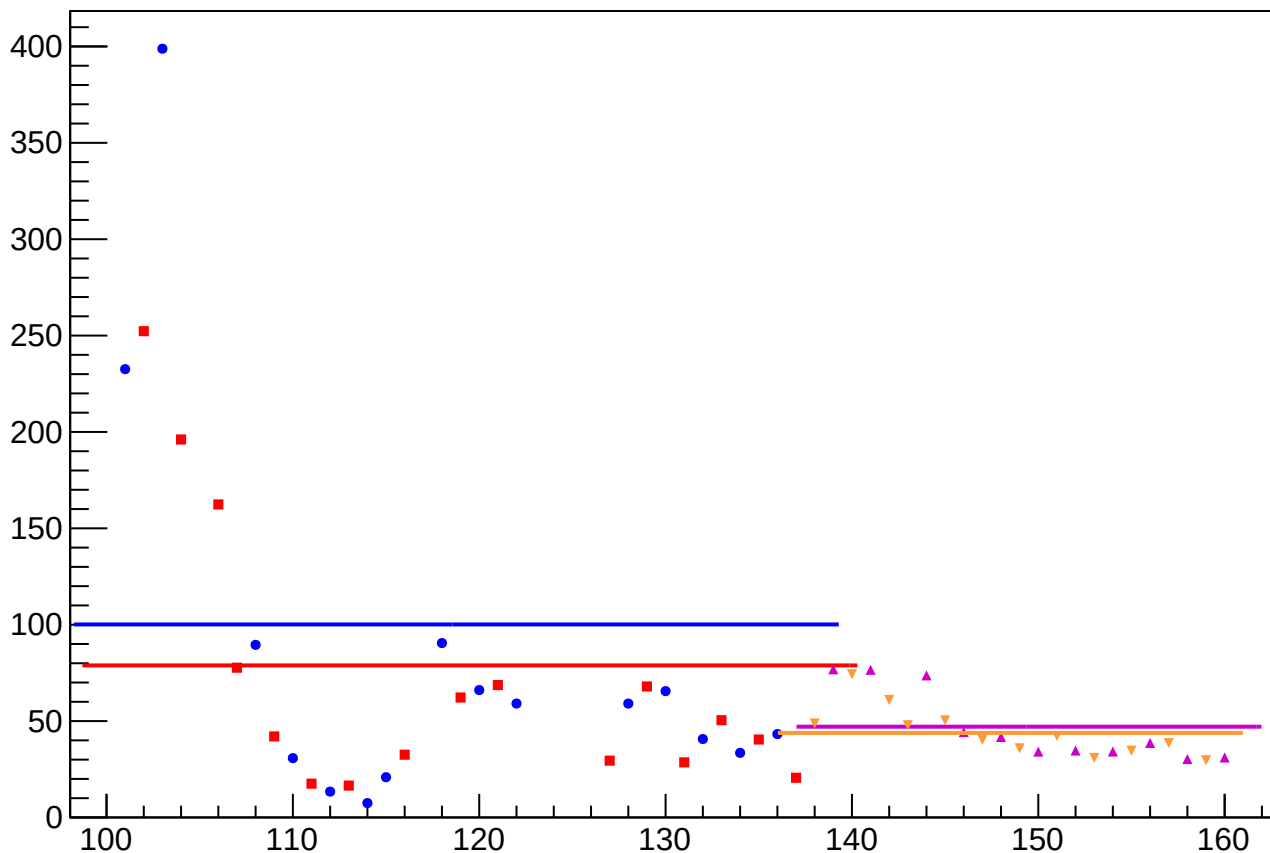
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam8_coil6_mean vs Slug



Right In: -2131.905 ± 0.000 χ^2/NDF : 722433384570495071131450661983670501376.0/14
 Left Out: -3073.640 ± 0.000 χ^2/NDF : 187385582436852783779369611000994070528.0/11
 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: -2687.039 ± 0.000 χ^2/NDF : 2816093255
 + sign -2683.355 ± 0.000 χ^2/NDF : 1246857732983
 - 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: 43.850+/-0.000 χ^2/NDF : 141916966921802590982612264966684672.0/11

Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

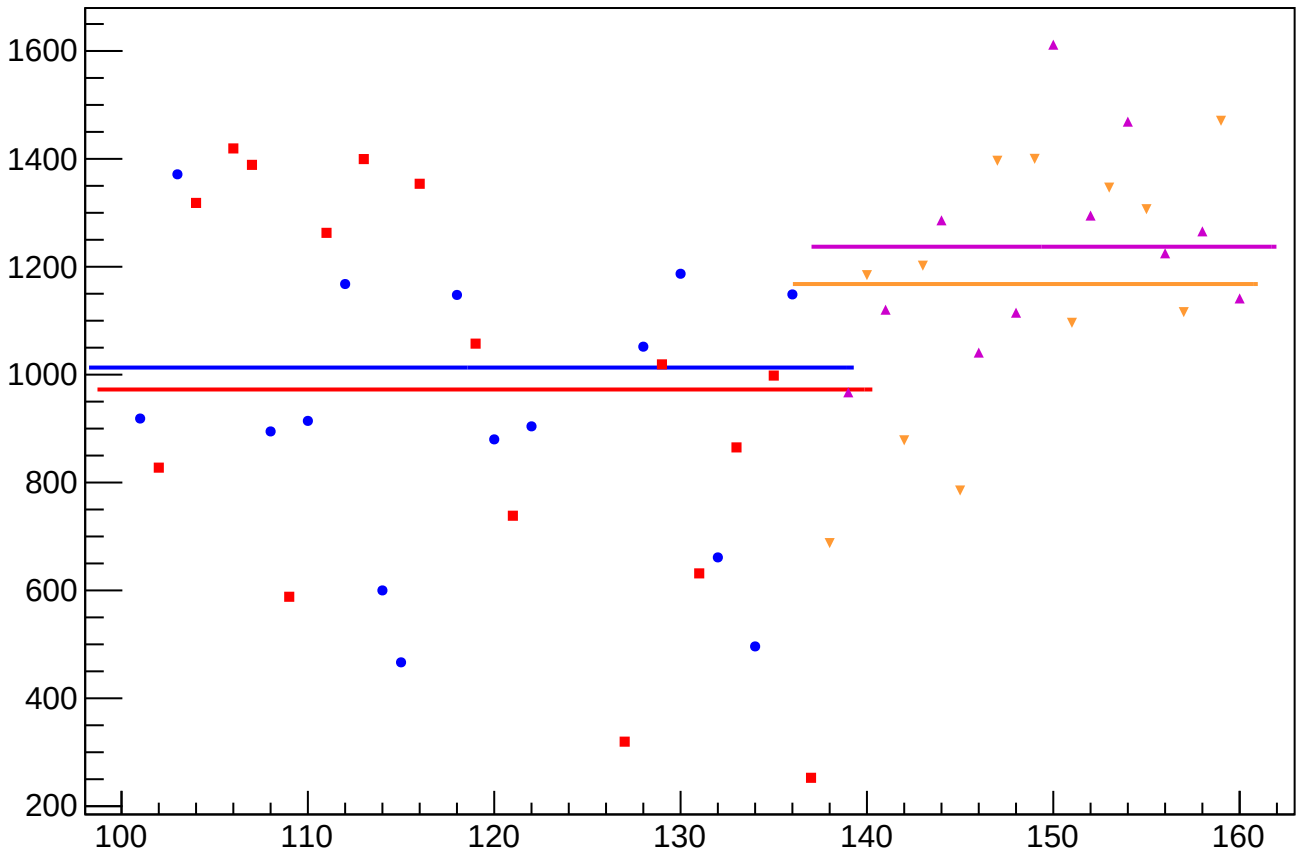
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ sign 67.177+/-0.000 χ^2/NDF : 9159773877688145

All: 63.771+/-0.000 χ^2/NDF : 1341493564216

- 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: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

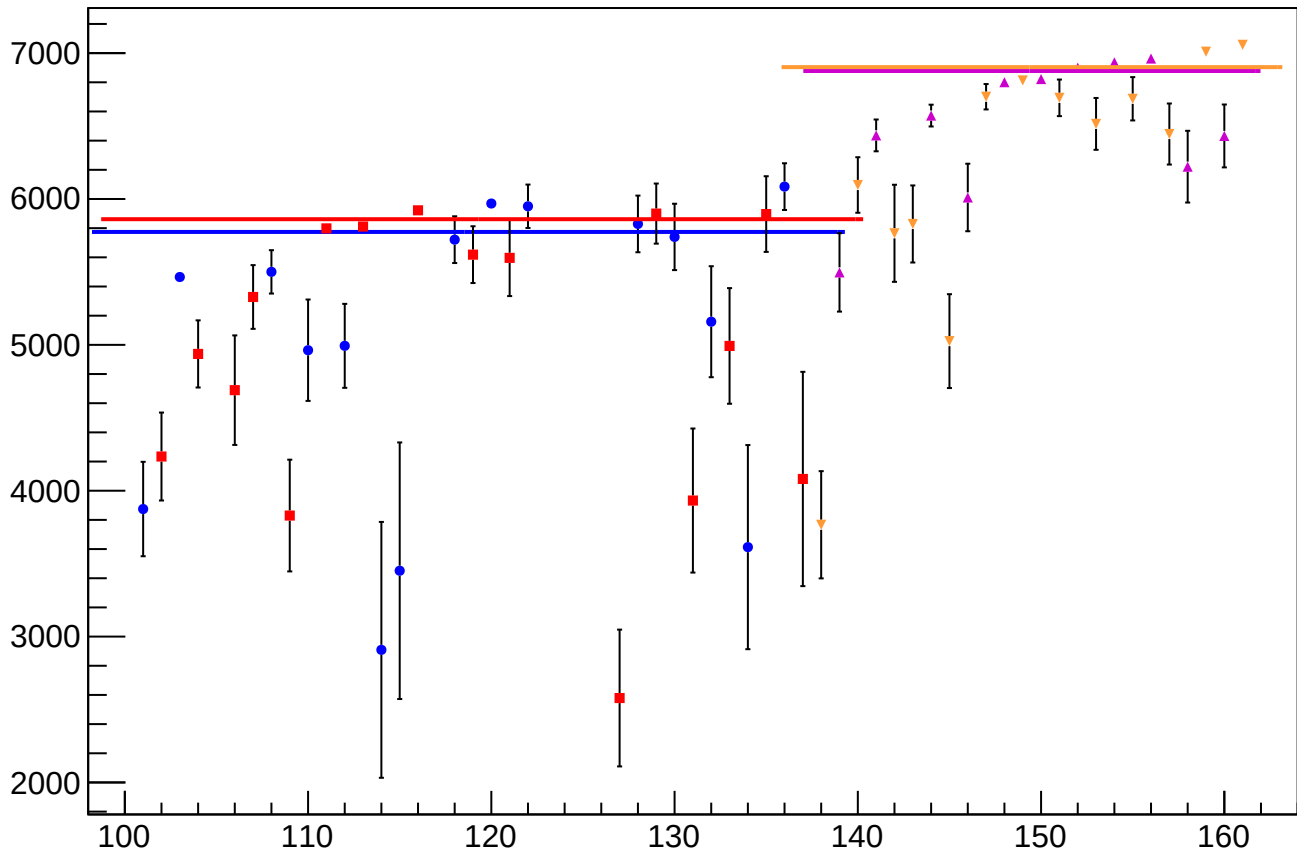
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- 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: 6904.015 $\pm$ 0.231 χ^2 /NDF: 196199.6/12

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

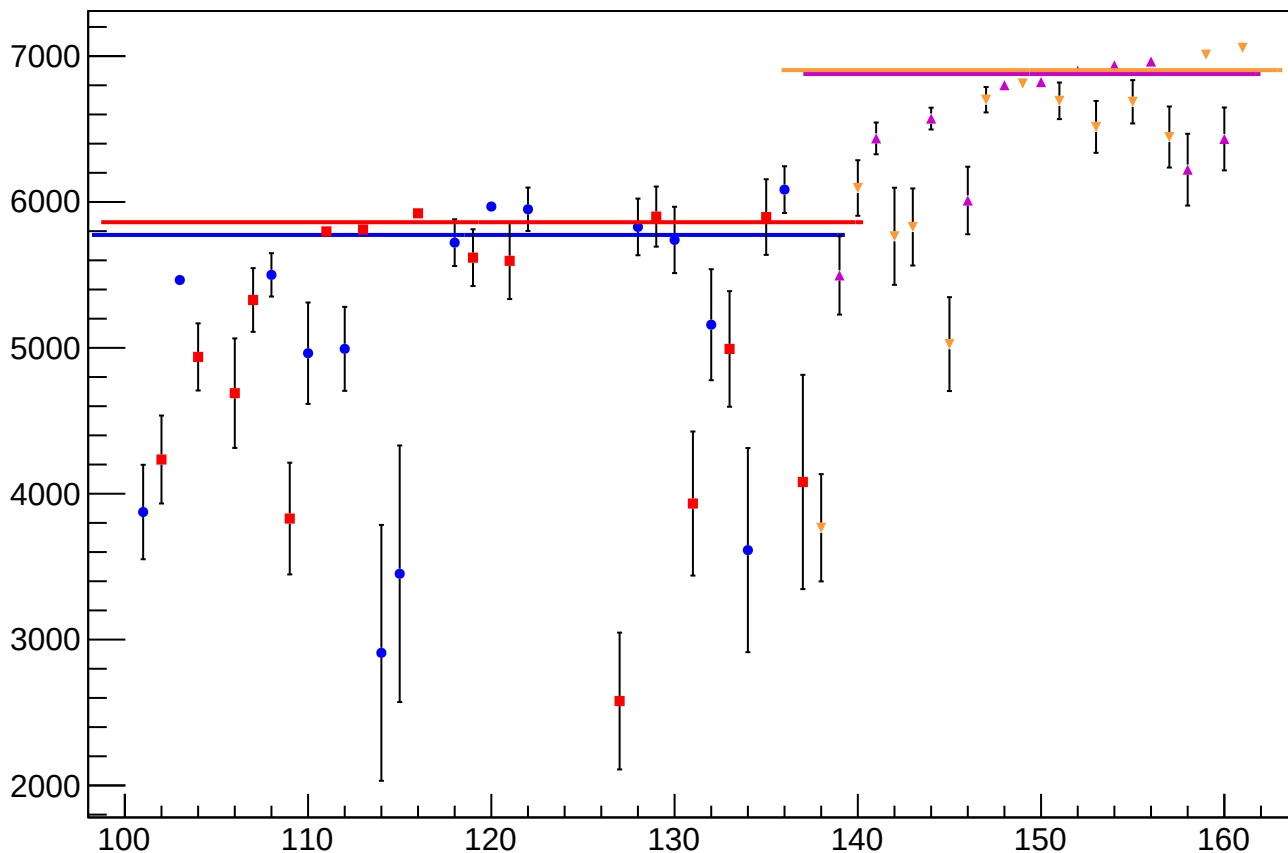
Left In: 6877.524 $\pm$ 0.173 χ^2 /NDF: 152471.6/10

+ sign 6204.720 $\pm$ 0.143 χ^2 /NDF: 16801364.0/27

All: 6241.668 $\pm$ 0.086 χ^2 /NDF: 38183705.4/5

- sign 6263.030 $\pm$ 0.109 χ^2 /NDF: 21276617.9/26

dit_run_rms vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6904.015 $\pm$ 0.231 χ^2 /NDF:196199.6/12

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

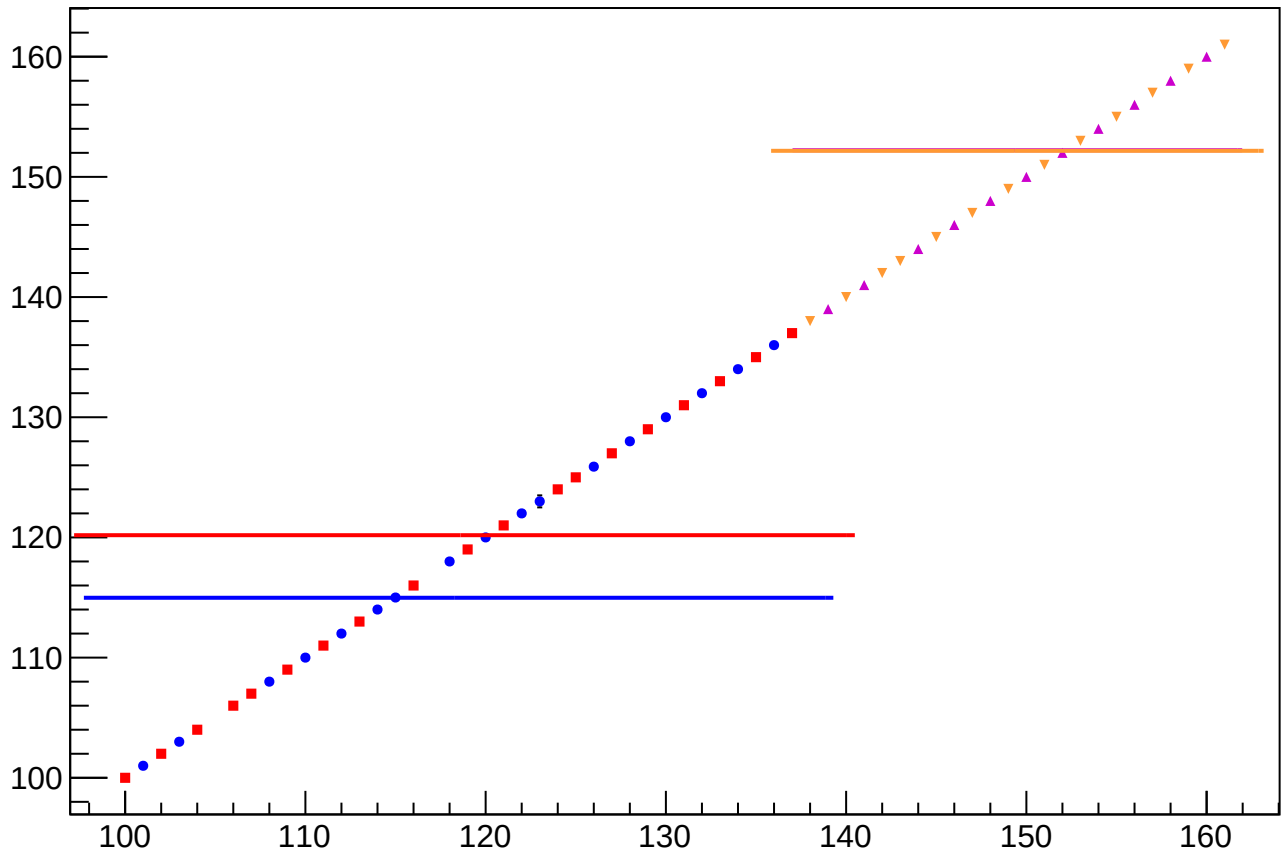
Left In: 6877.524 $\pm$ 0.173 χ^2 /NDF:152471.6/10

+ sign 6204.720 $\pm$ 0.143 χ^2 /NDF: 16801364.0/27

All: 6241.668 $\pm$ 0.086 χ^2 /NDF: 38183705.4/5

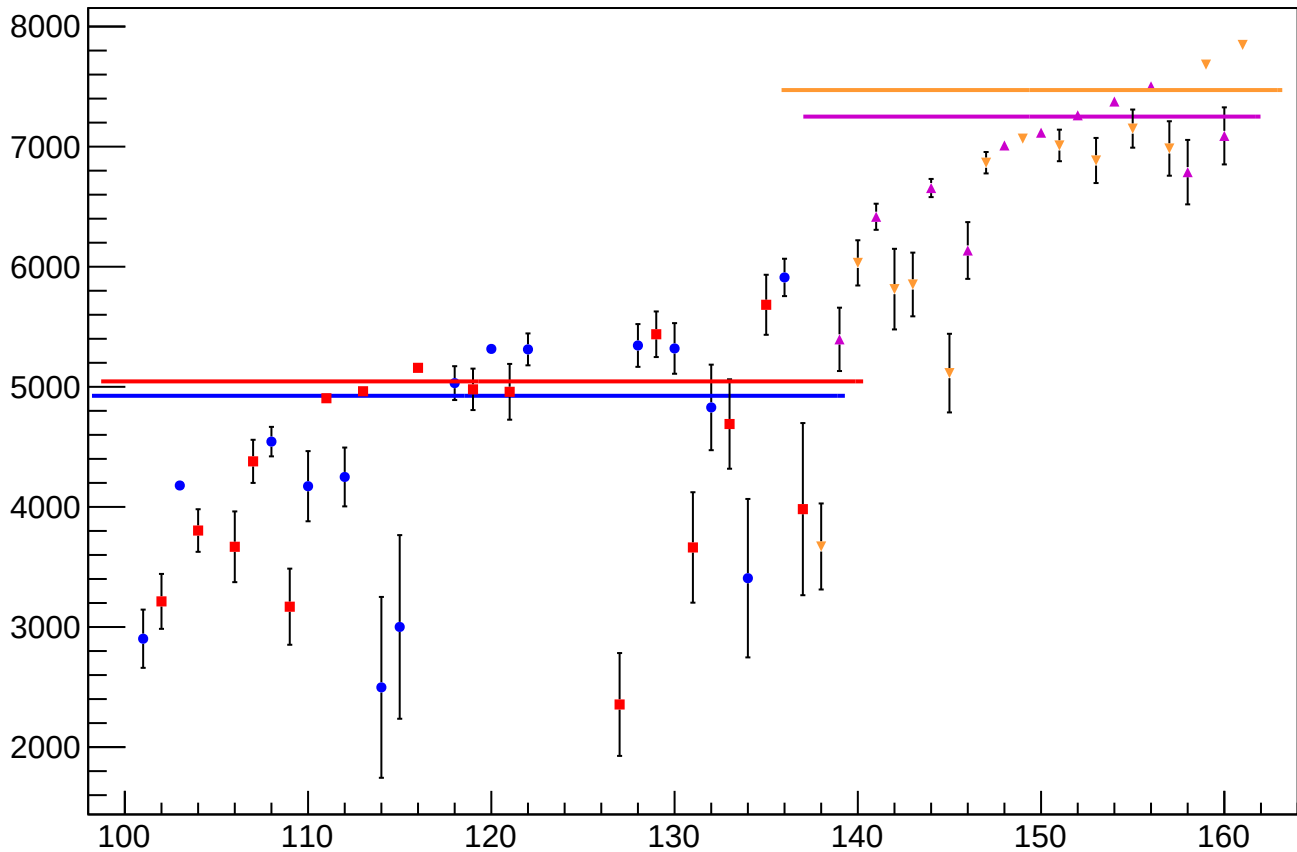
- sign 6263.030 $\pm$ 0.109 χ^2 /NDF: 21276617.9/26

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 152.168+/-0.000 χ^2/NDF : 29603752844836647242838730342400.0/12
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 152.217+/-0.000 χ^2/NDF : 13131625643598975517651864911872.0/10

dit_cyclenum_mean vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 7471.049 ± 0.934 χ^2/NDF : 129340.5/12

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

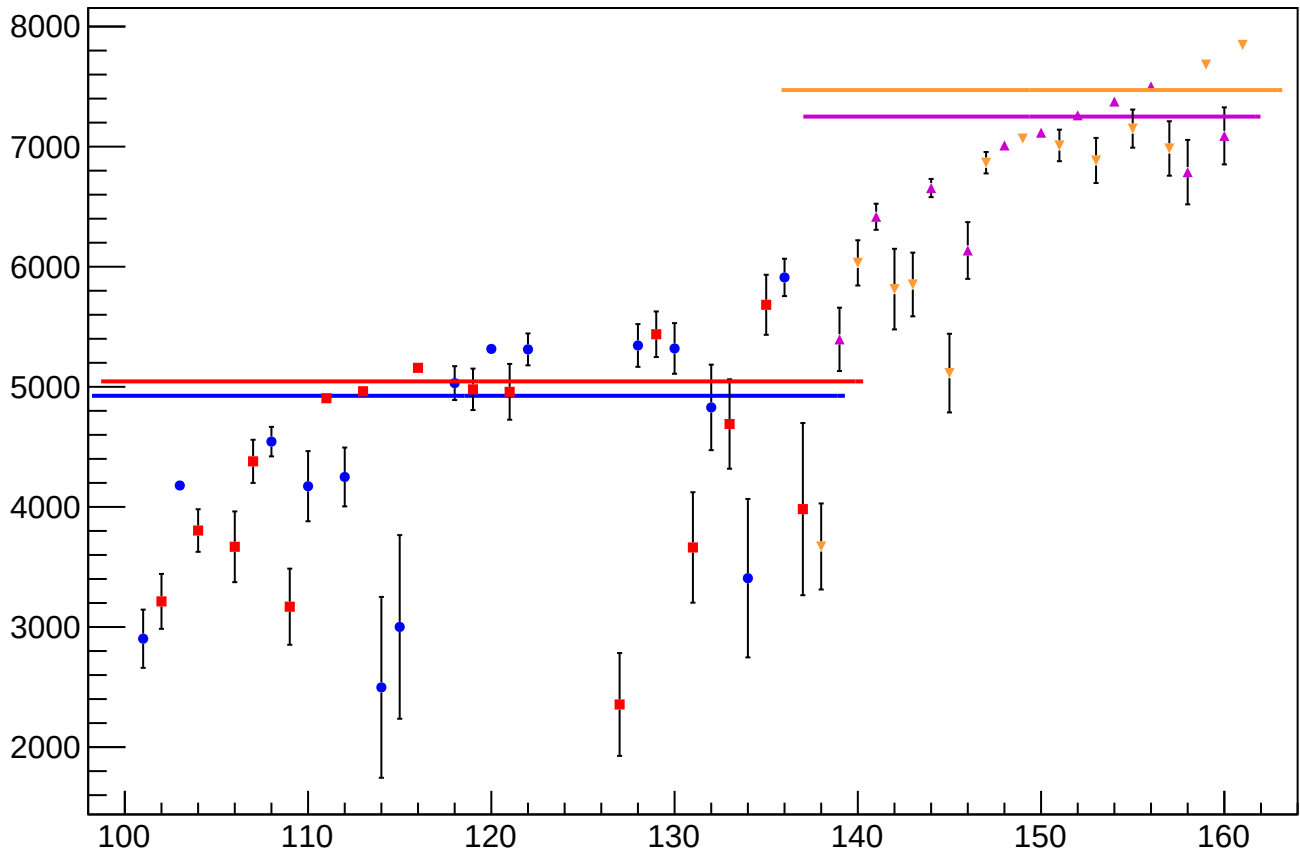
Left In: 7250.101 ± 0.765 χ^2/NDF : 51706.6/10

+ sign 6204.459 ± 0.662 χ^2/NDF : 4155931.8/27

All: 6073.678 ± 0.401 χ^2/NDF : 9010149.6/54

- sign 5998.131 ± 0.503 χ^2/NDF : 4792668.1/26

dit_cyclenum_rms vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7471.049 $\pm$ 0.934 χ^2 /NDF:129340.5/12

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

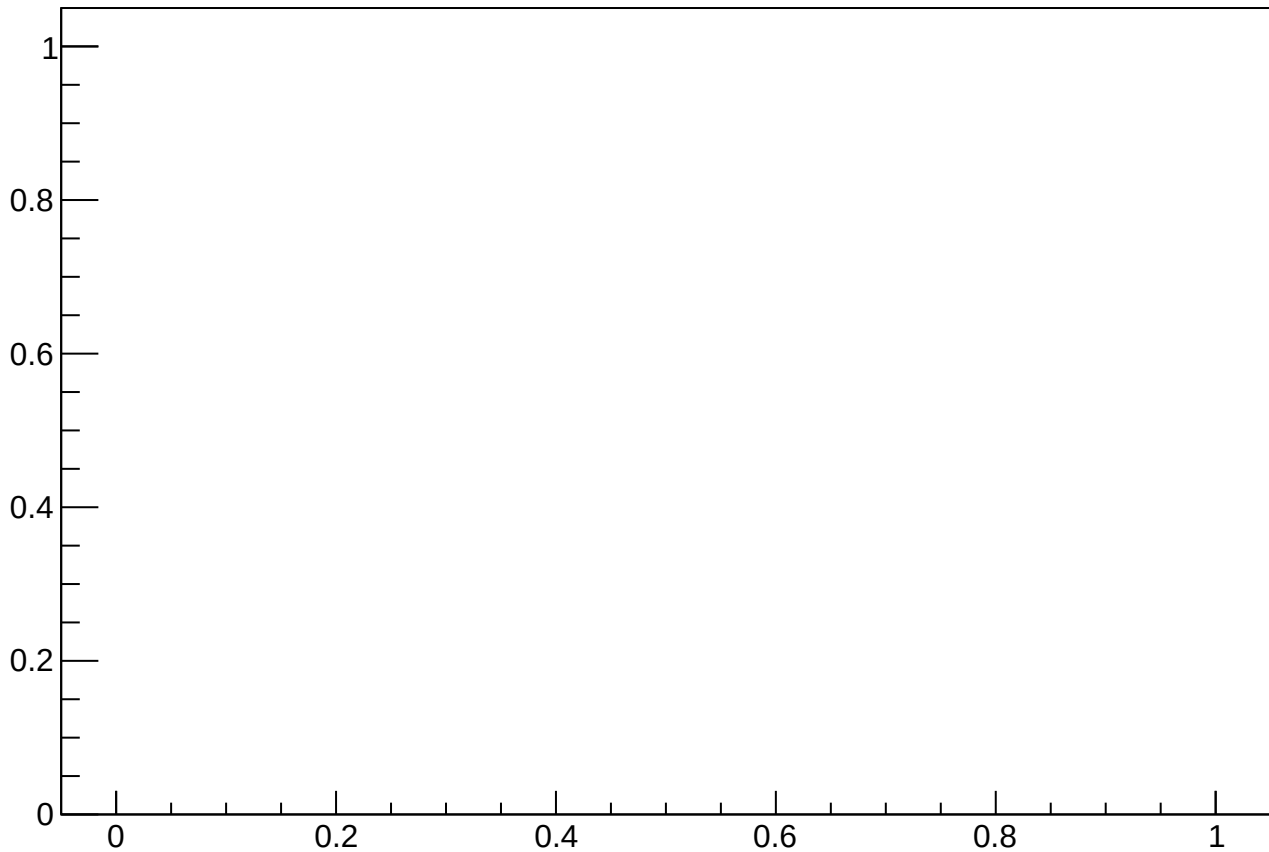
Left In: 7250.101 $\pm$ 0.765 χ^2 /NDF:51706.6/10

+ sign 6204.459 $\pm$ 0.662 χ^2 /NDF: 4155931.8/27

All: 6073.678 $\pm$ 0.401 χ^2 /NDF: 9010149.6/54

- sign 5998.131 $\pm$ 0.503 χ^2 /NDF: 4792668.1/26

dit_scandata1_mean vs Slug



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

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

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

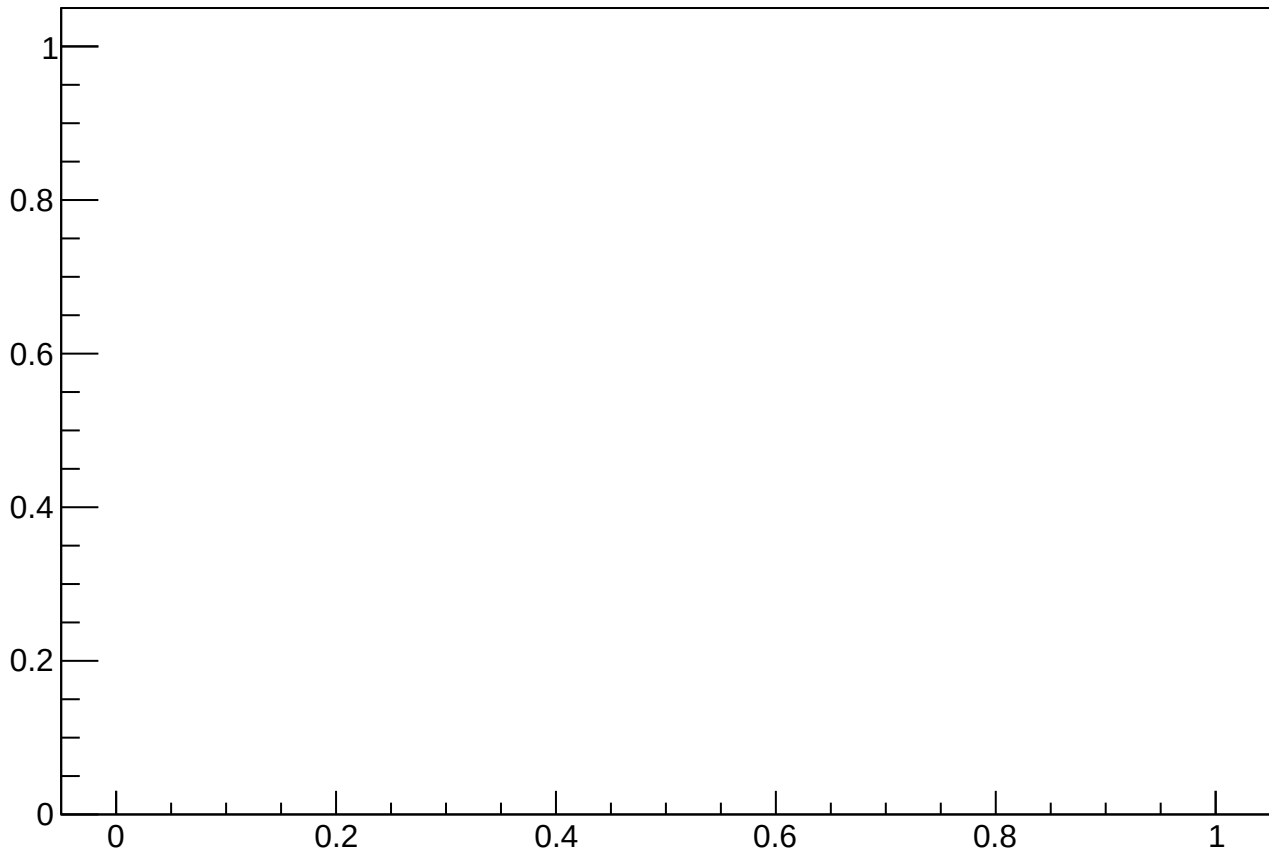
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata1_rms vs Slug



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

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

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

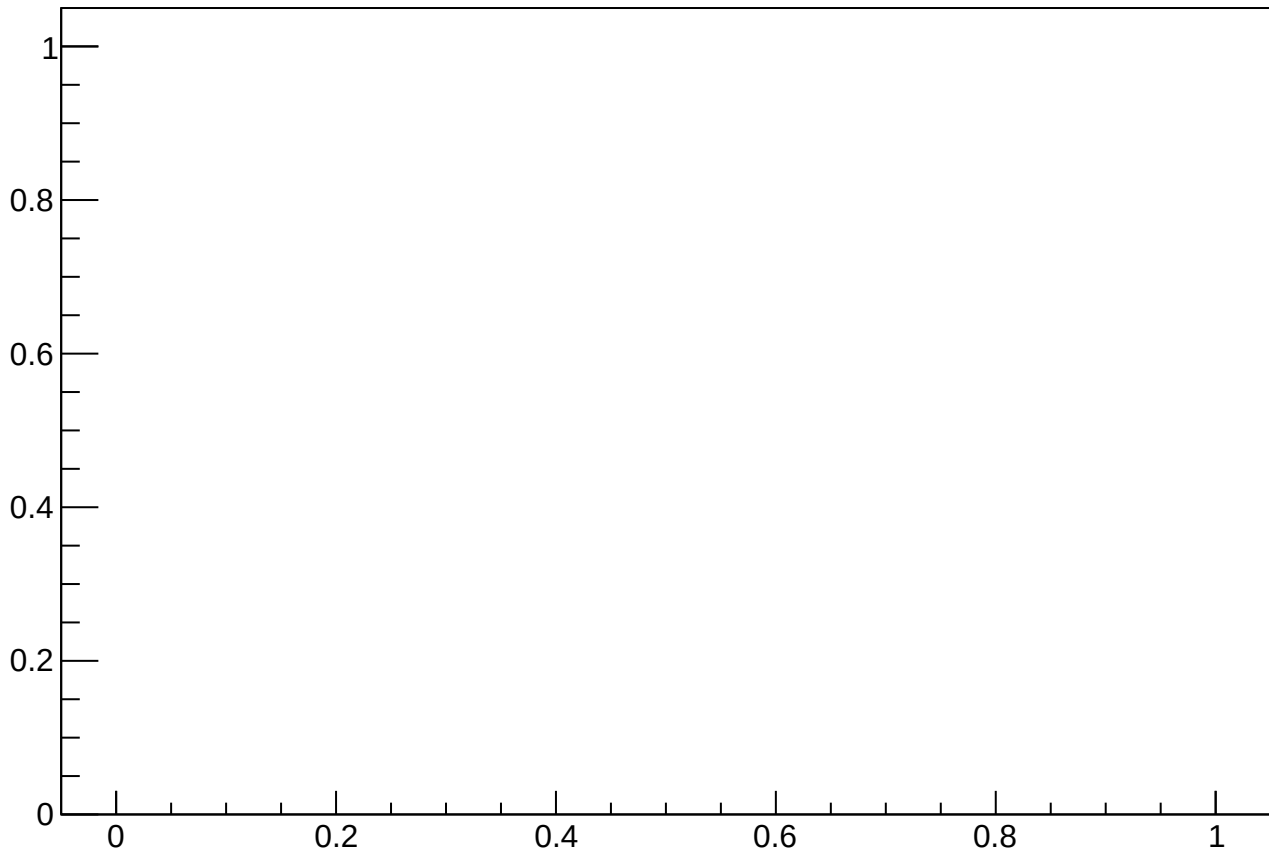
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

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

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

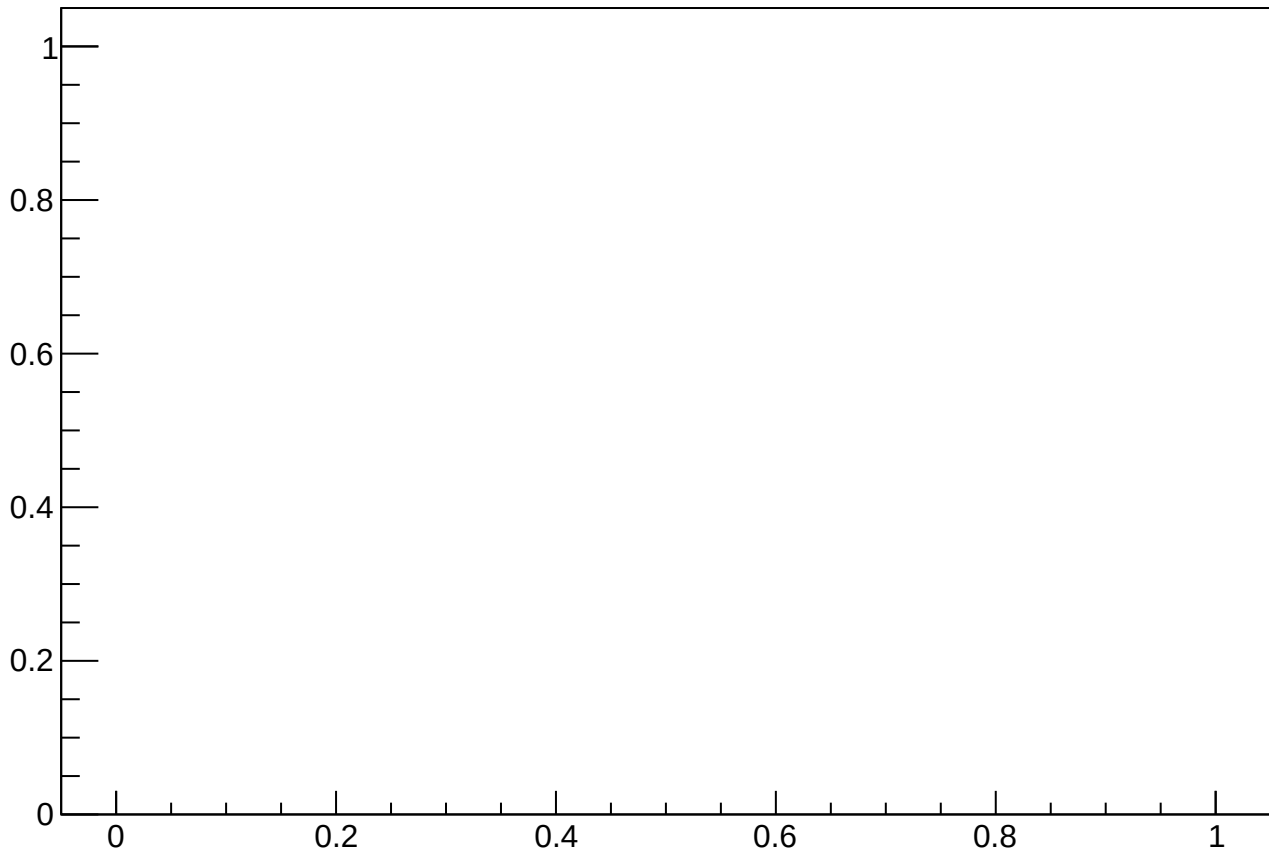
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

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

dit_scandata2_rms vs Slug



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

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

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

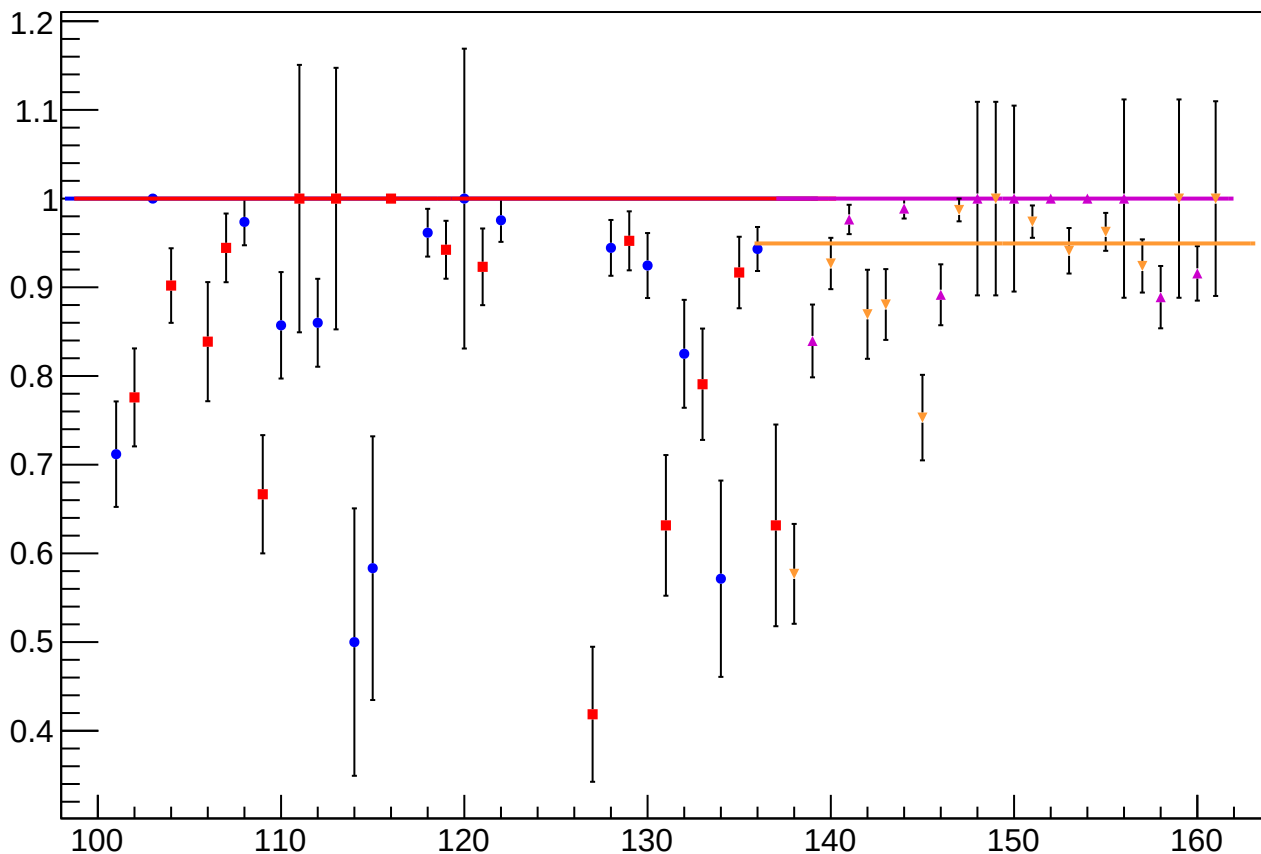
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_flag_mean vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 0.949 ± 0.008 χ^2/NDF : 78.8/12

Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

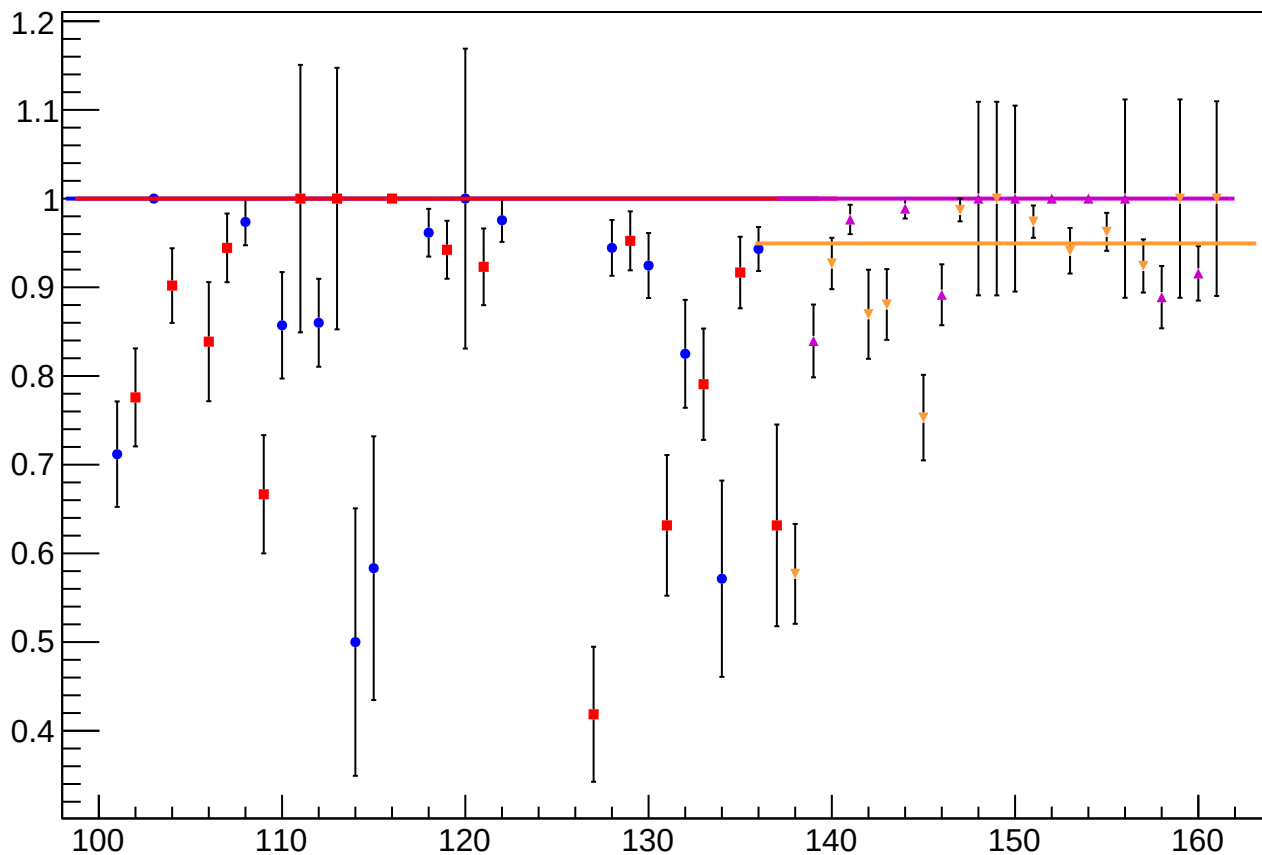
Left In: 1.000 ± 0.000 χ^2/NDF : 389.8/10

+ sign 1.000 ± 0.000 χ^2/NDF : 218.4/27

All: 1.000 ± 0.000 χ^2/NDF : 777.2/54

- sign 1.000 ± 0.000 χ^2/NDF : 558.7/26

dit_flag_rms vs Slug



Right In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 95.9/14$

Left Out: 0.949 ± 0.008 $\chi^2/\text{NDF}: 78.8/12$

Right Out: 1.000 ± 0.000 $\chi^2/\text{NDF}: 168.9/15$

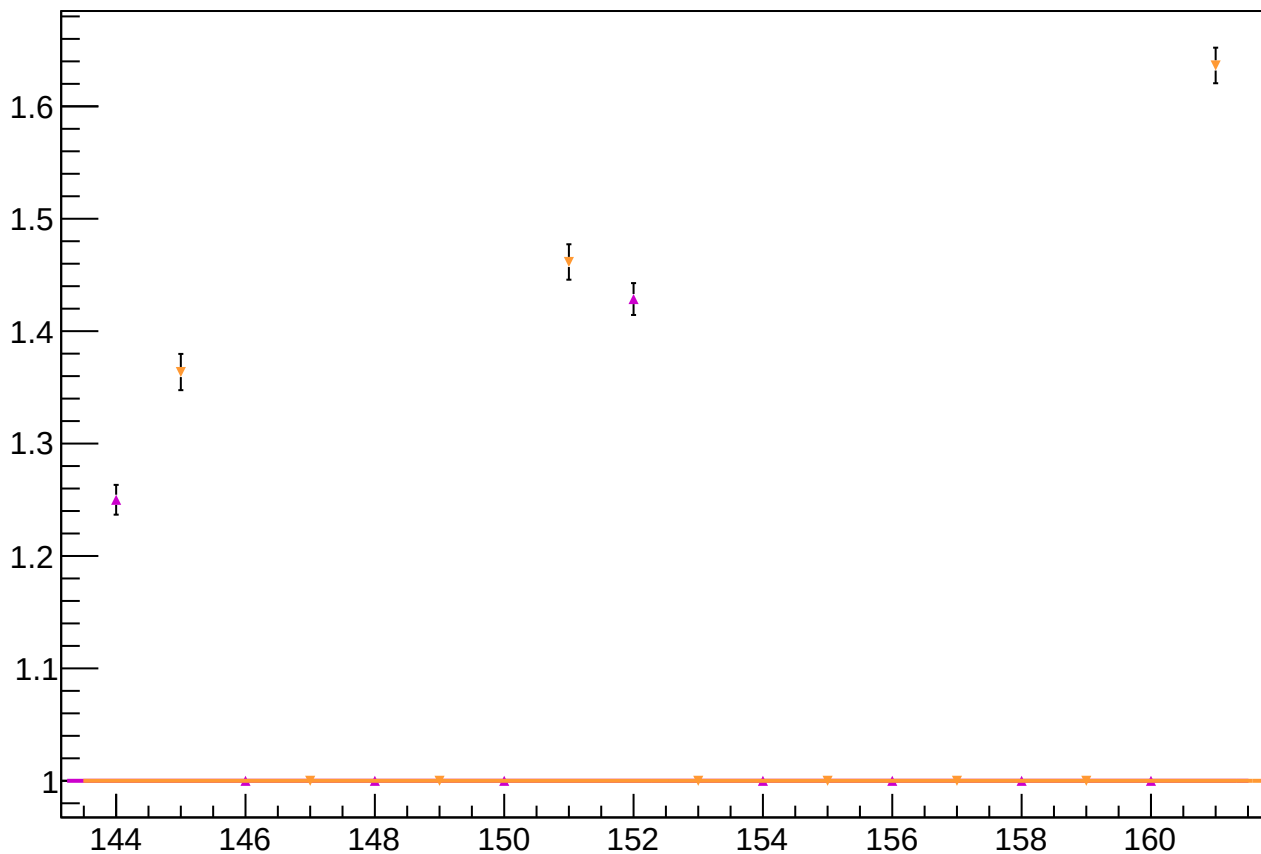
Left In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 389.8/10$

+ sign 1.000 ± 0.000 $\chi^2/\text{NDF}: 218.4/27$

All: 1.000 ± 0.000 $\chi^2/\text{NDF}: 777.2/54$

- sign 1.000 ± 0.000 $\chi^2/\text{NDF}: 558.7/26$

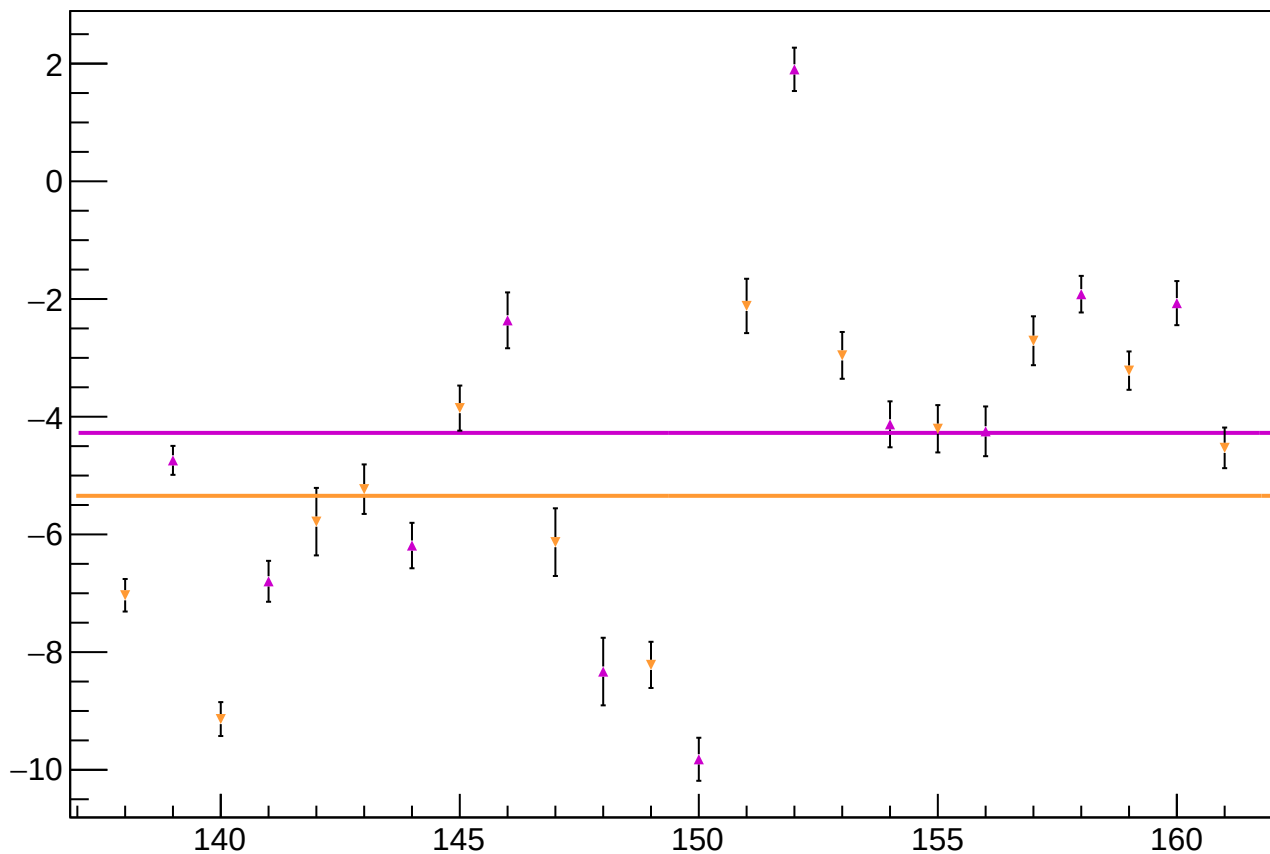
dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF : 4278.5/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.000+/-0.000 χ^2/NDF : 1857.5/8

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.000+/-0.000 χ^2/NDF : 6856.0/17
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -5.344 $\pm$ 0.105 χ^2 /NDF:463.2/12

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

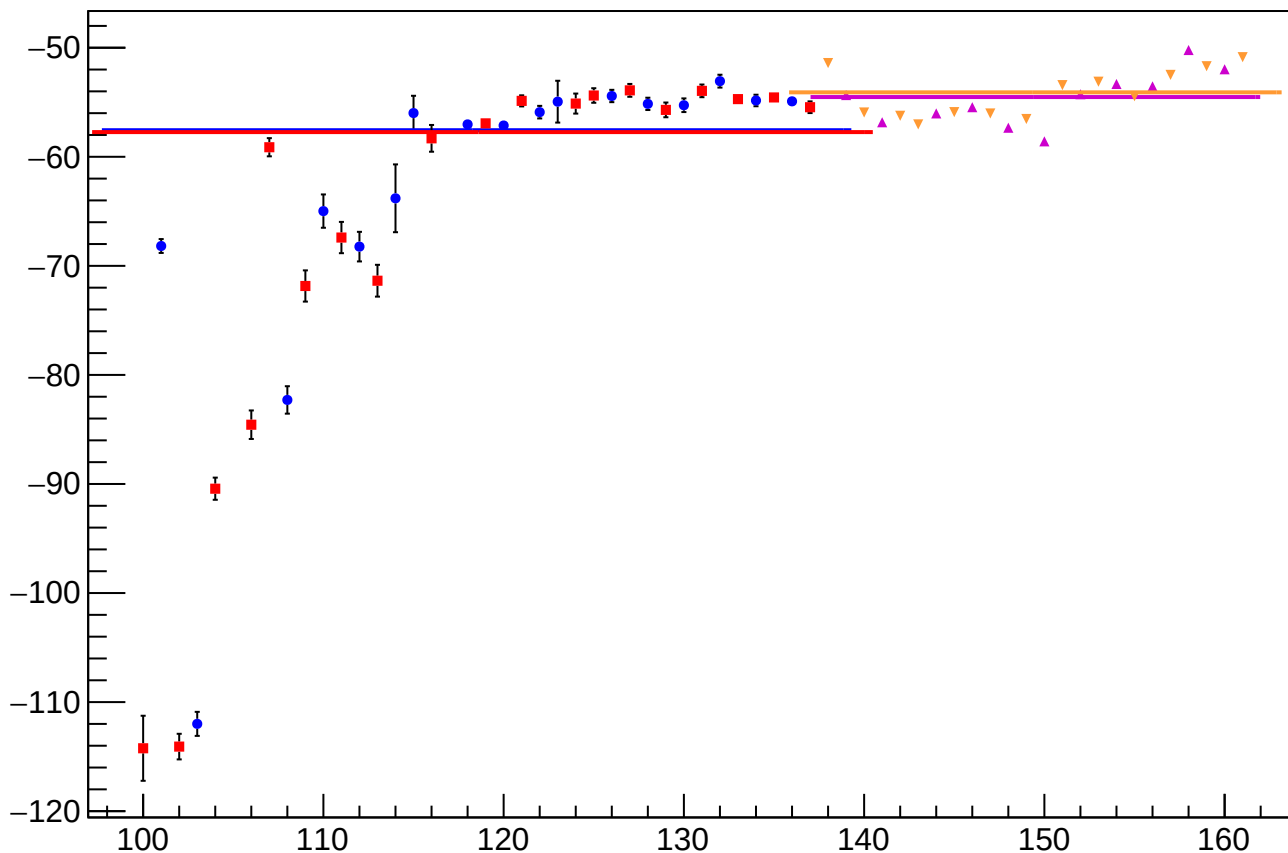
Left In: -4.275 $\pm$ 0.109 χ^2 /NDF:750.3/10

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

All: -4.832 $\pm$ 0.076 χ^2 /NDF: 1263.3/23

- sign 0.000 $\pm$ 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: -54.091 ± 0.077 χ^2/NDF : 772.7/12

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

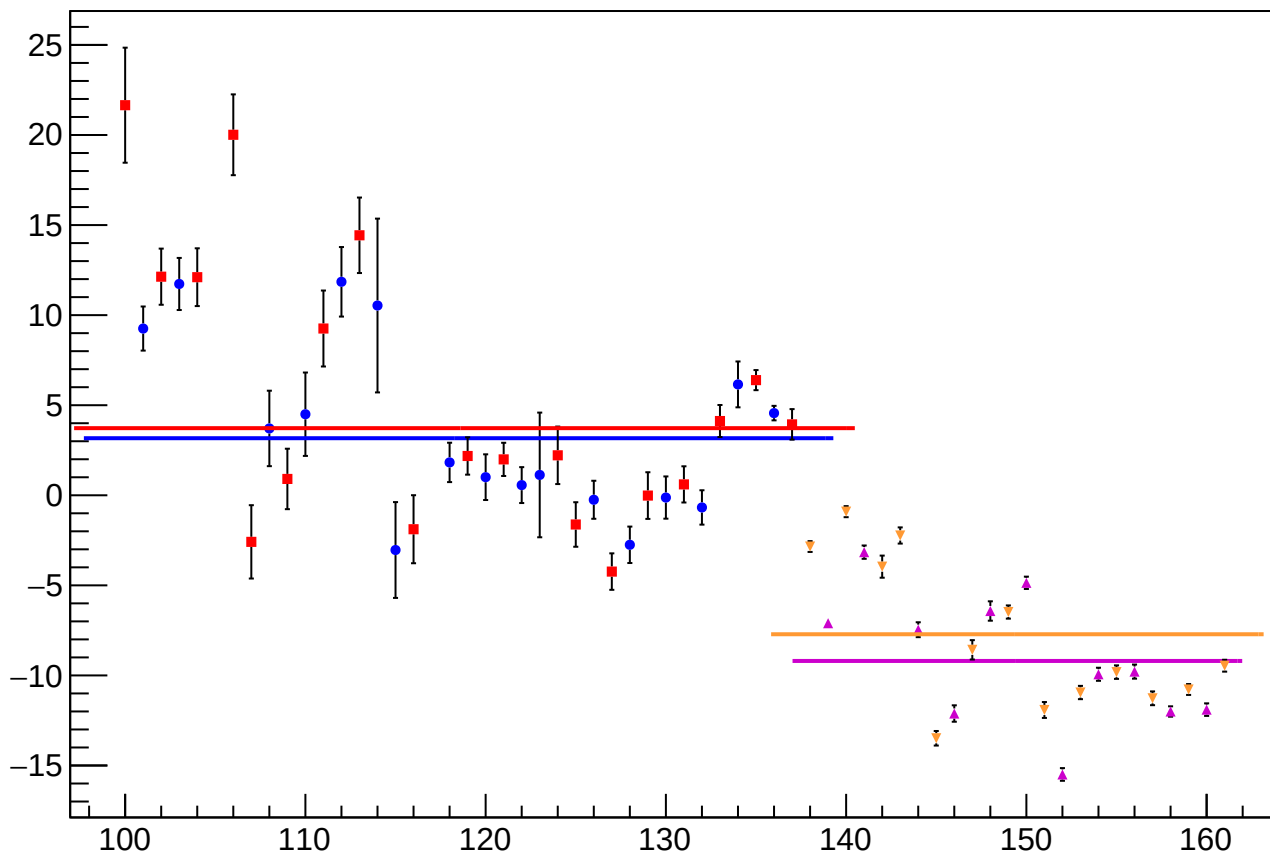
Left In: -54.522 ± 0.082 χ^2/NDF : 1021.4/10

+ sign -54.878 ± 0.067 χ^2/NDF : 4694.5/29

All: -55.086 ± 0.049 χ^2/NDF : 10814.4/59

- sign -55.317 ± 0.071 χ^2/NDF : 6099.8/29

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -7.714 ± 0.104 χ^2/NDF : 1575.2/12

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

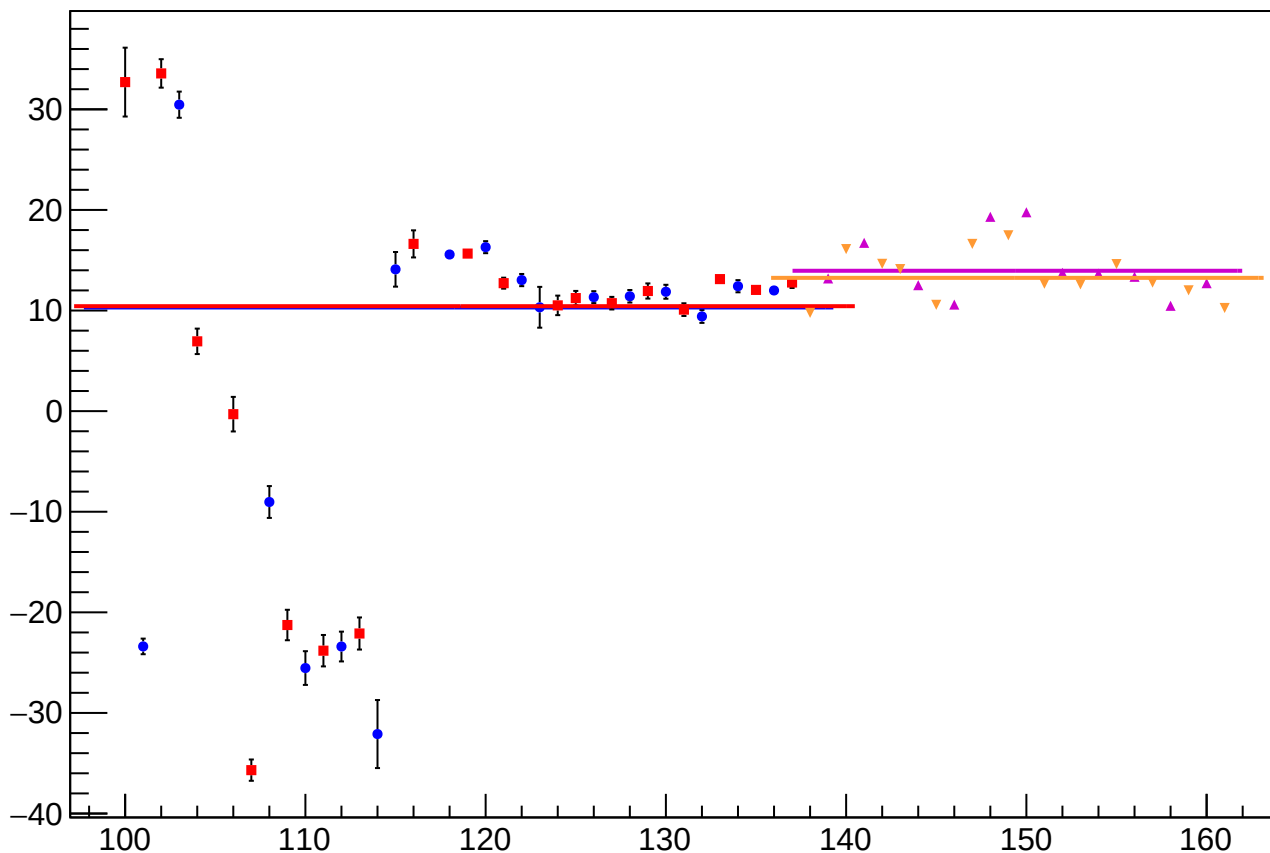
Left In: -9.196 ± 0.107 χ^2/NDF : 1056.3/10

+ sign -6.197 ± 0.096 χ^2/NDF : 3295.7/29

All: -6.776 ± 0.069 χ^2/NDF : 6765.0/59

- sign -7.396 ± 0.100 χ^2/NDF : 3394.4/29

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 ± 0.157 $\chi^2/\text{NDF}: 3712.3/16$

Left Out: 13.248 ± 0.089 $\chi^2/\text{NDF}: 722.8/12$

Right Out: 10.433 ± 0.160 $\chi^2/\text{NDF}: 3828.5/18$

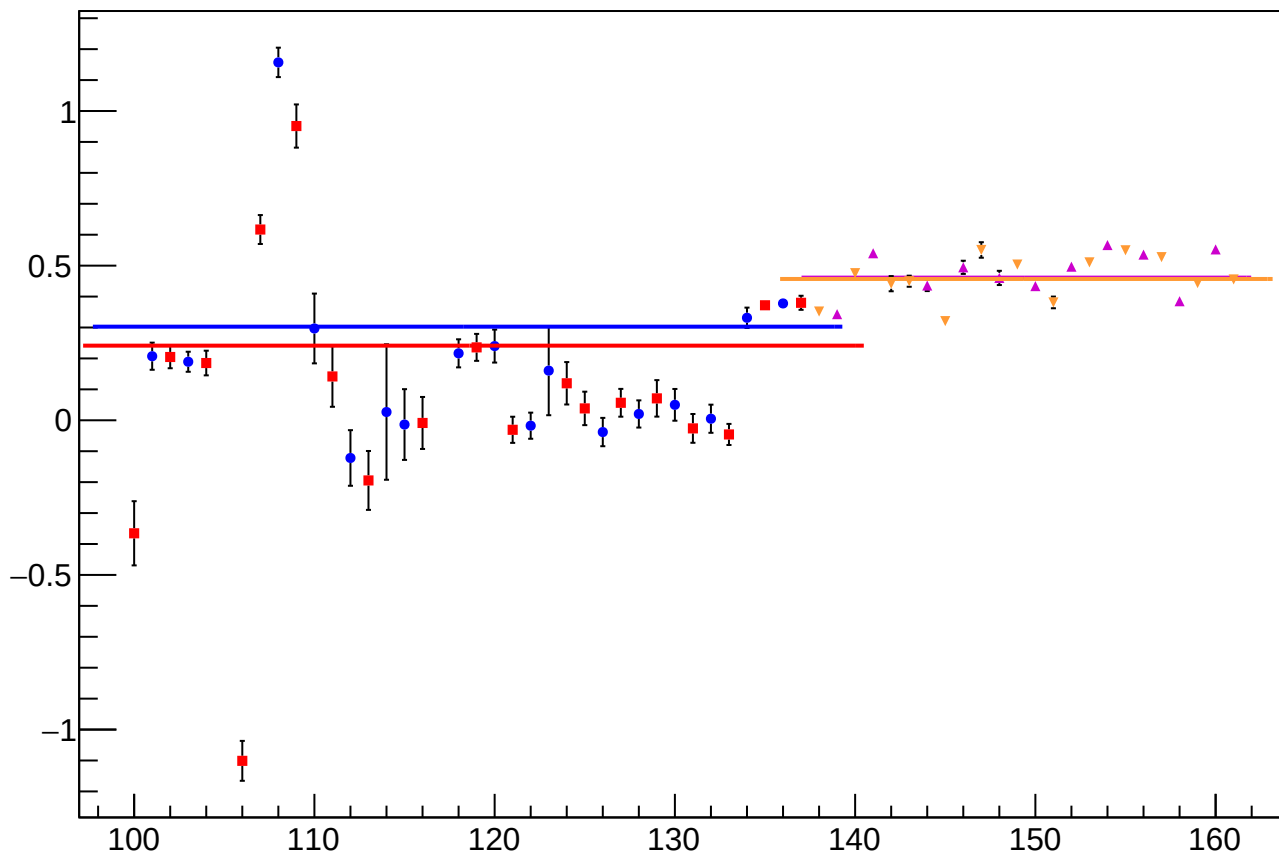
Left In: 13.953 ± 0.094 $\chi^2/\text{NDF}: 1040.5/10$

+ sign 12.536 ± 0.077 $\chi^2/\text{NDF}: 4702.1/29$

All: 12.780 ± 0.056 $\chi^2/\text{NDF}: 9952.4/59$

- sign 13.049 ± 0.081 $\chi^2/\text{NDF}: 5229.2/29$

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.6/16

Left Out: 0.457 $\pm$ 0.004 χ^2 /NDF: 297.9/12

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

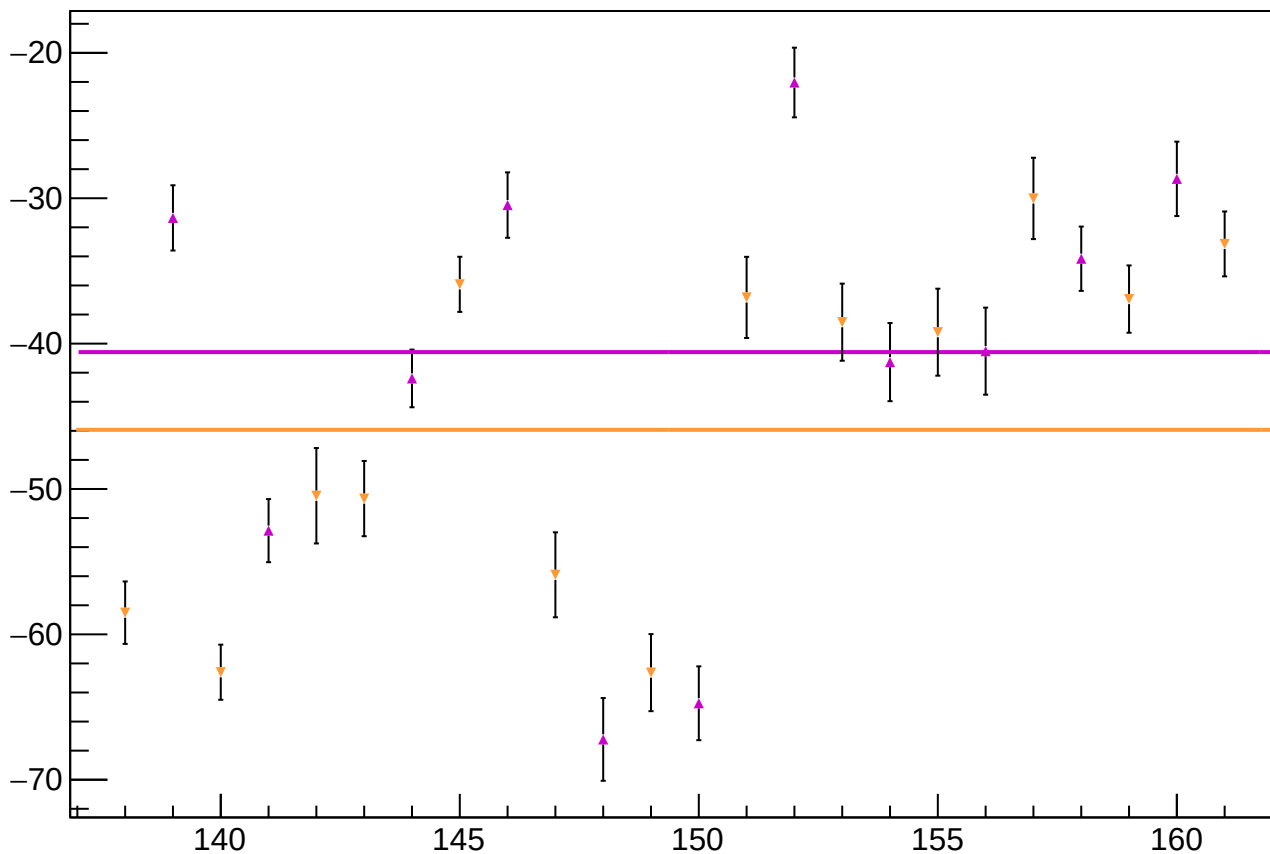
Left In: 0.461 $\pm$ 0.004 χ^2 /NDF: 408.5/10

+ sign 0.428 $\pm$ 0.004 χ^2 /NDF: 1231.2/29

All: 0.424 $\pm$ 0.003 χ^2 /NDF: 3174.5/59

- sign 0.420 $\pm$ 0.004 χ^2 /NDF: 1941.4/29

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -45.932+/-0.679 χ^2/NDF :299.9/12

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

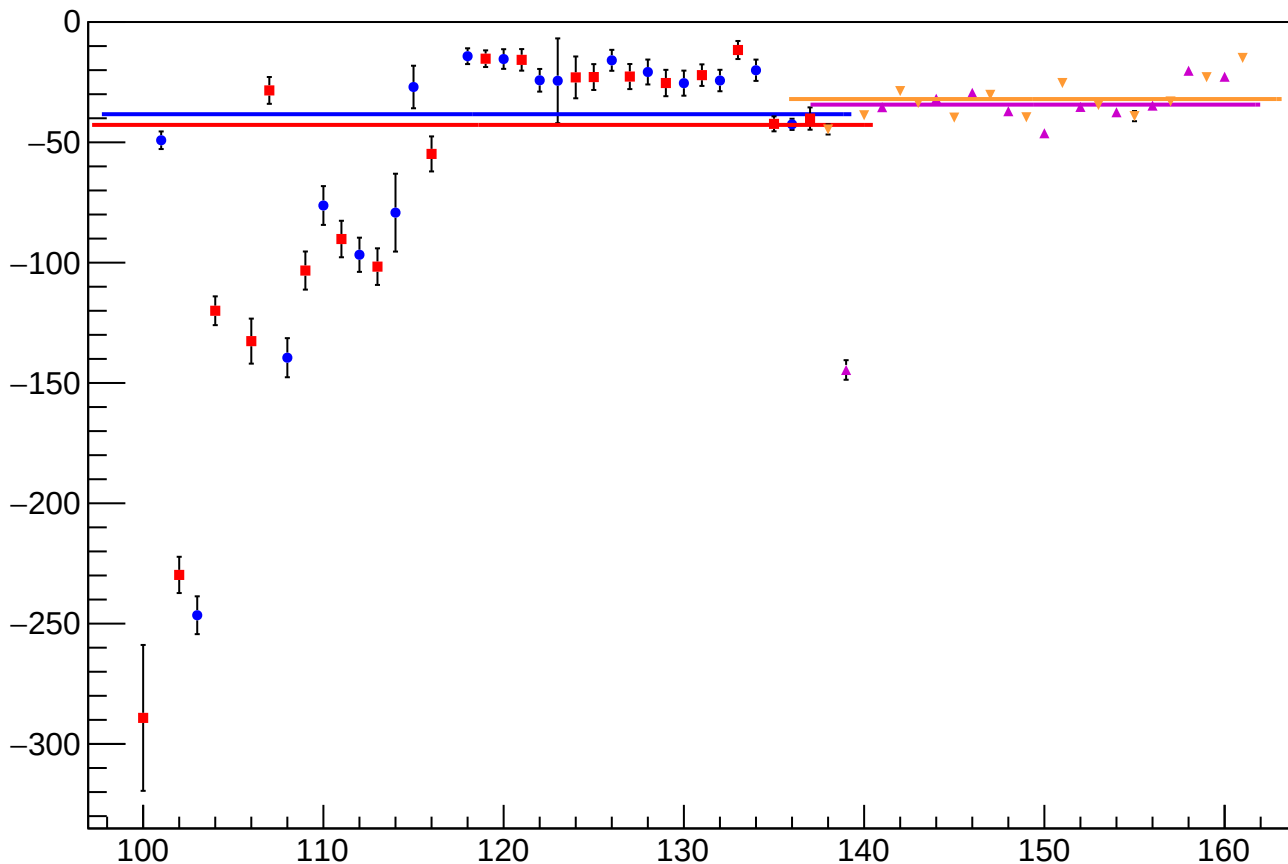
Left In: -40.584+/-0.721 χ^2/NDF :338.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.421+/-0.494 χ^2/NDF : 667.3/23

- 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: -32.008 ± 0.474 χ^2/NDF : 287.2/12

Right Out: -42.756 ± 1.211 χ^2/NDF : 1341.6/18

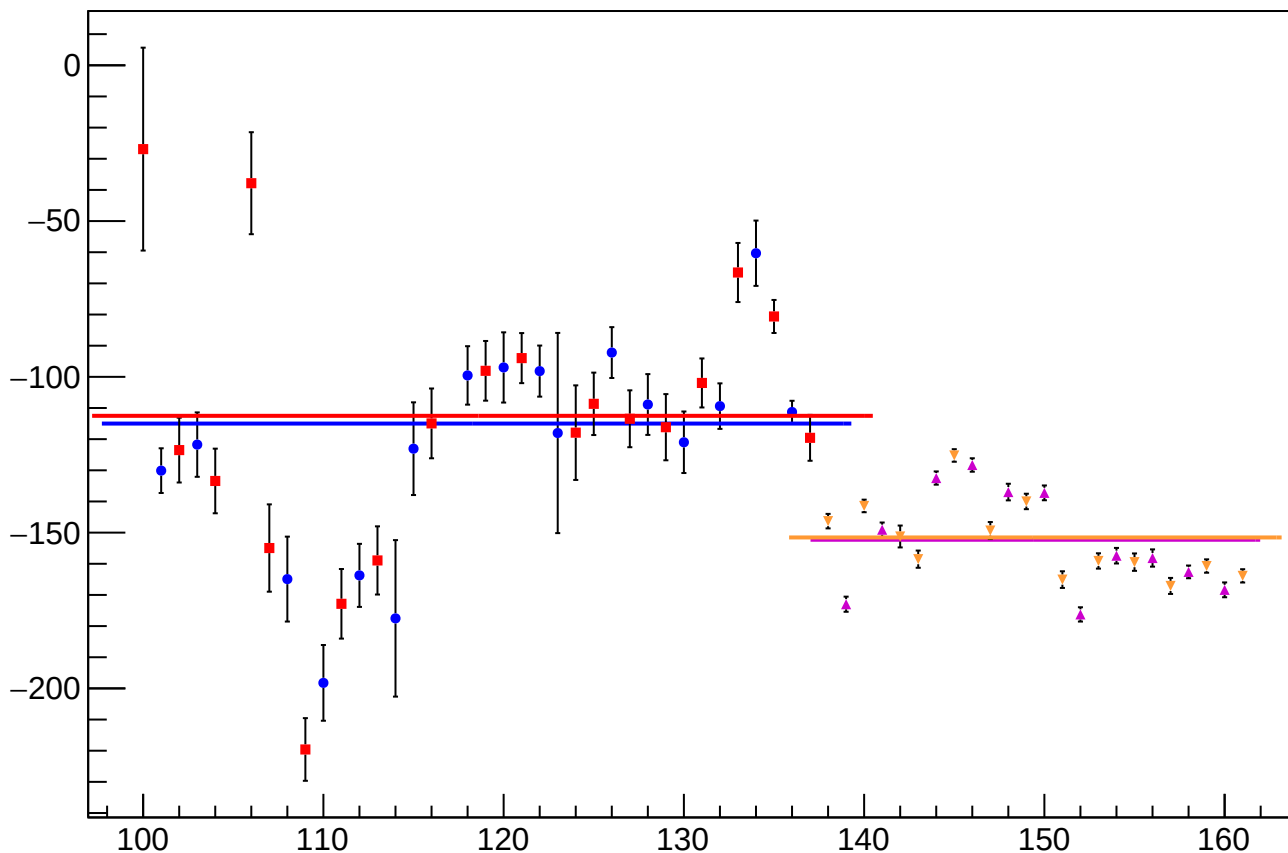
Left In: -34.331 ± 0.501 χ^2/NDF : 937.6/10

+ sign -32.942 ± 0.438 χ^2/NDF : 1446.0/29

All: -34.180 ± 0.318 χ^2/NDF : 3783.5/59

- sign -35.563 ± 0.463 χ^2/NDF : 2320.6/29

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -151.551 ± 0.673 $\chi^2/\text{NDF}: 360.4/12$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

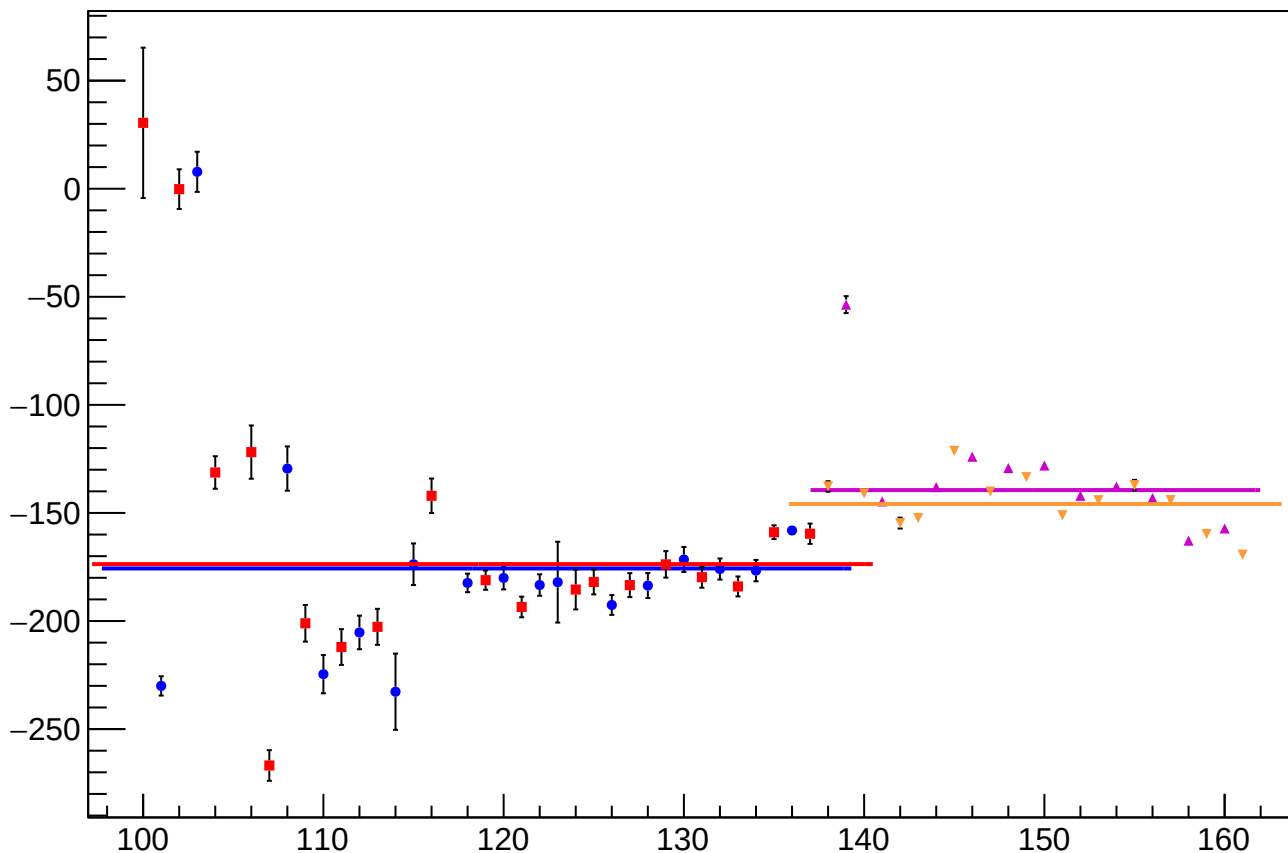
Left In: -152.288 ± 0.706 $\chi^2/\text{NDF}: 547.1/10$

+ sign -148.060 ± 0.640 $\chi^2/\text{NDF}: 783.6/29$

All: -148.315 ± 0.464 $\chi^2/\text{NDF}: 1899.0/59$

- sign -148.597 ± 0.672 $\chi^2/\text{NDF}: 1115.0/29$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 $\chi^2/\text{NDF}: 692.9/16$

Left Out: -145.846 ± 0.559 $\chi^2/\text{NDF}: 565.6/12$

Right Out: -173.666 ± 1.356 $\chi^2/\text{NDF}: 737.7/18$

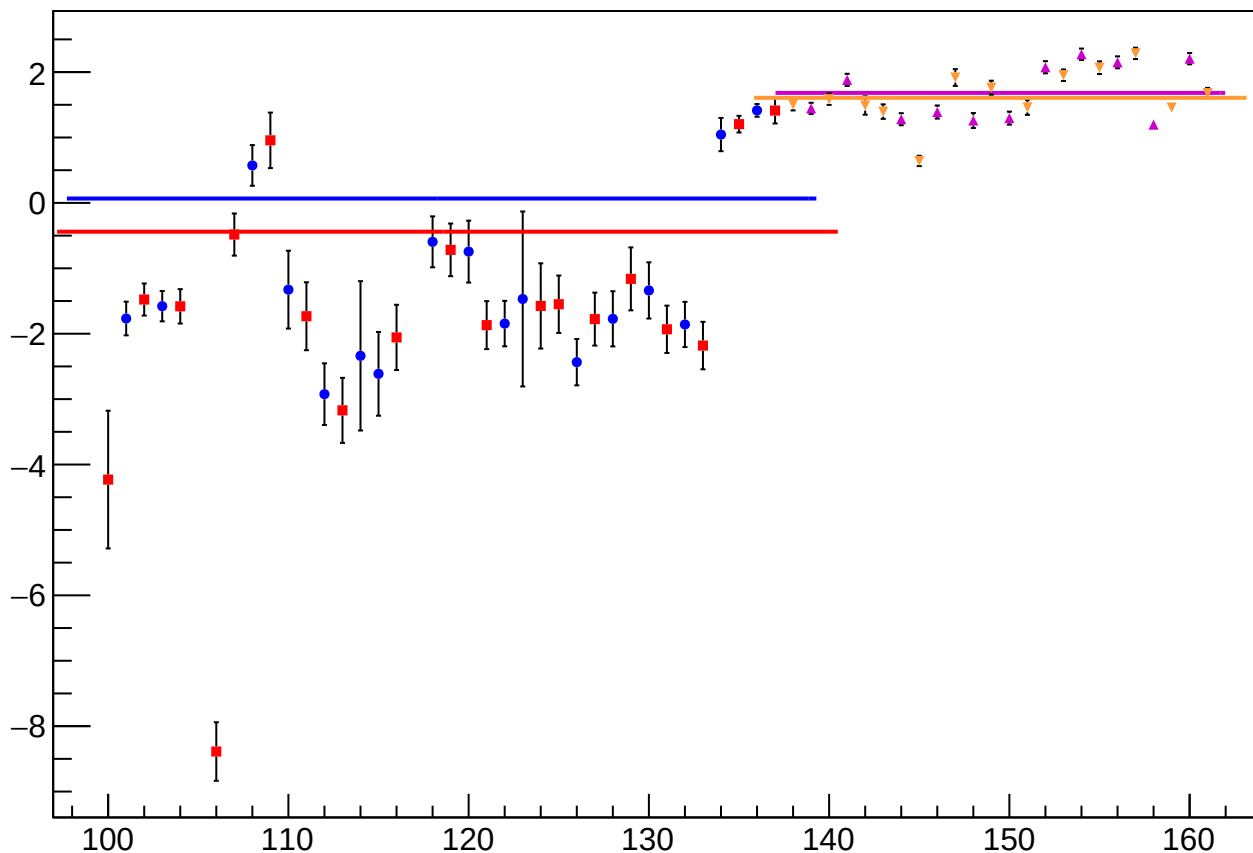
Left In: -139.422 ± 0.590 $\chi^2/\text{NDF}: 936.9/10$

+ sign -150.704 ± 0.511 $\chi^2/\text{NDF}: 1722.8/29$

All: -147.958 ± 0.372 $\chi^2/\text{NDF}: 3994.8/59$

- sign -144.881 ± 0.541 $\chi^2/\text{NDF}: 2210.8/29$

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.606 ± 0.026 χ^2/NDF : 267.8/12

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

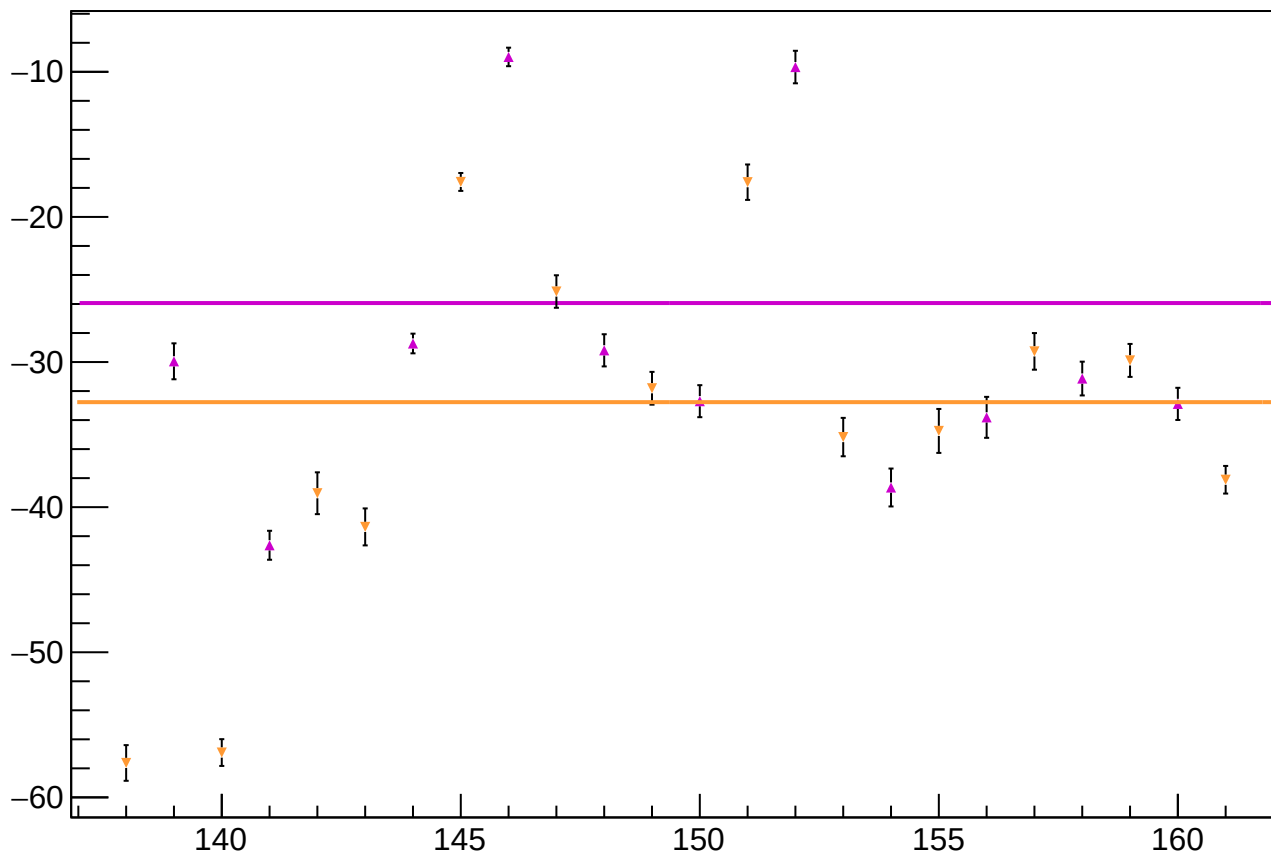
Left In: 1.682 ± 0.027 χ^2/NDF : 237.8/10

+ sign 1.402 ± 0.024 χ^2/NDF : 1252.3/29

All: 1.404 ± 0.018 χ^2/NDF : 3020.3/59

- sign 1.407 ± 0.026 χ^2/NDF : 1768.0/29

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.764+/-0.297 χ^2/NDF : 2014.9/12

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

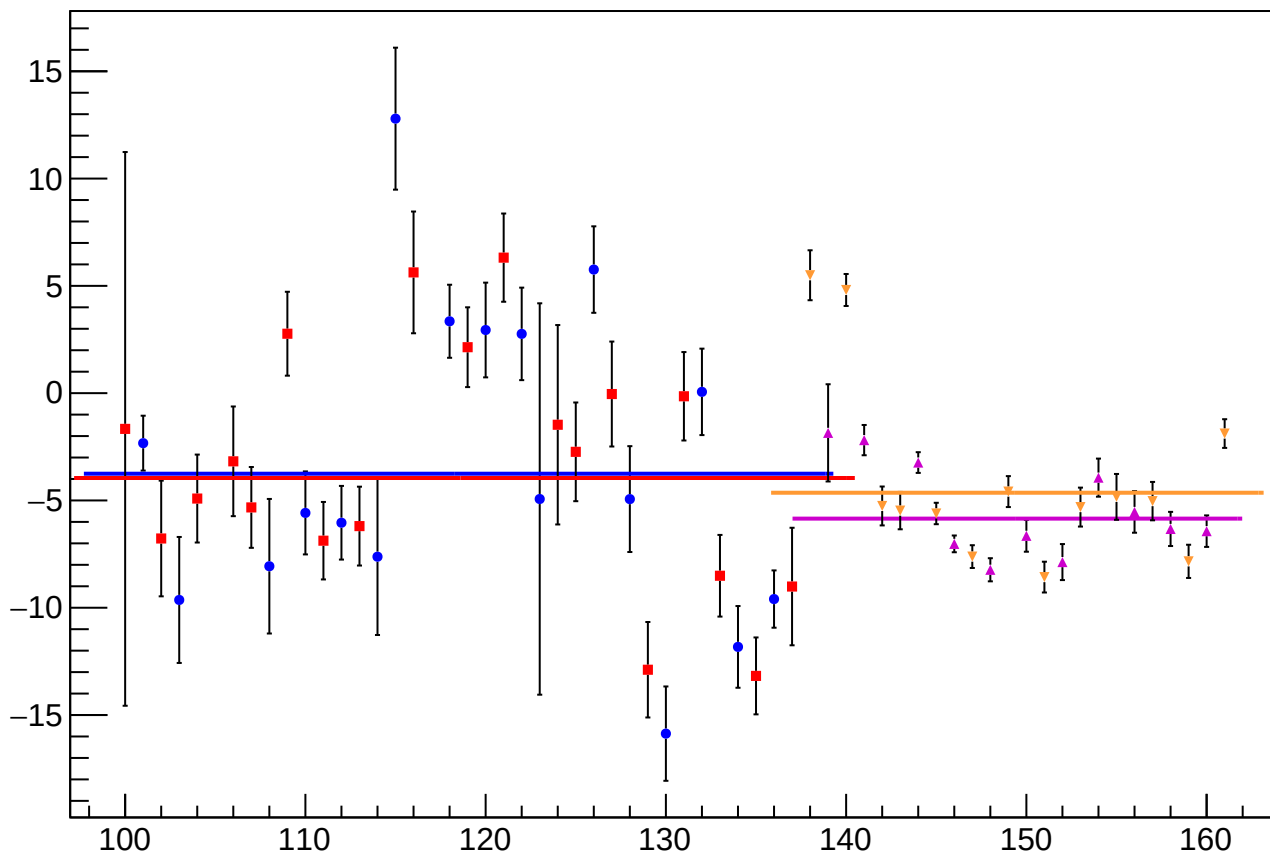
Left In: -25.935+/-0.297 χ^2/NDF : 1454.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.344+/-0.210 χ^2/NDF : 3733.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -4.641 ± 0.205 $\chi^2/\text{NDF}: 338.0/12$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

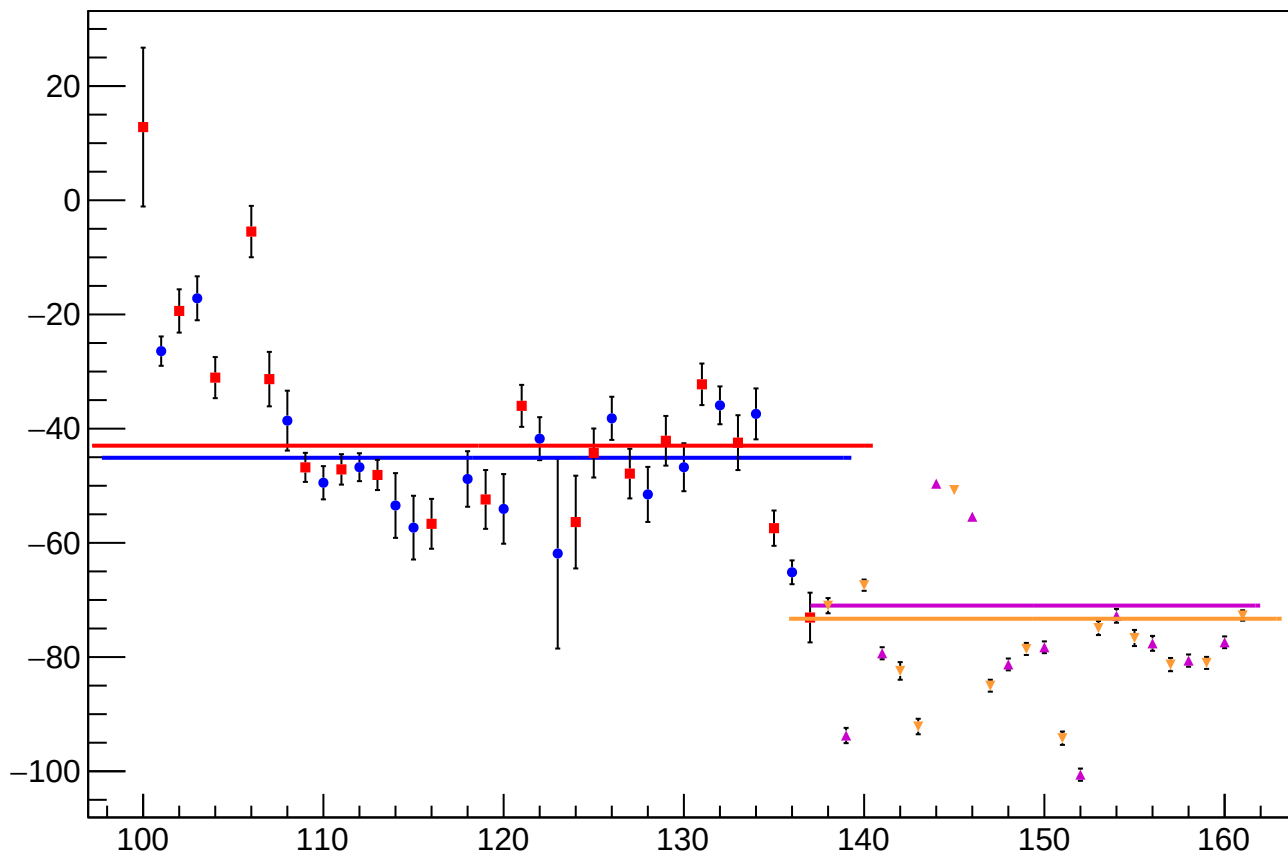
Left In: -5.847 ± 0.198 $\chi^2/\text{NDF}: 100.7/10$

+ sign -4.511 ± 0.190 $\chi^2/\text{NDF}: 506.0/29$

All: -5.068 ± 0.132 $\chi^2/\text{NDF}: 759.0/59$

- sign -5.596 ± 0.184 $\chi^2/\text{NDF}: 236.1/29$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -73.287 ± 0.296 χ^2/NDF : 2029.4/12

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

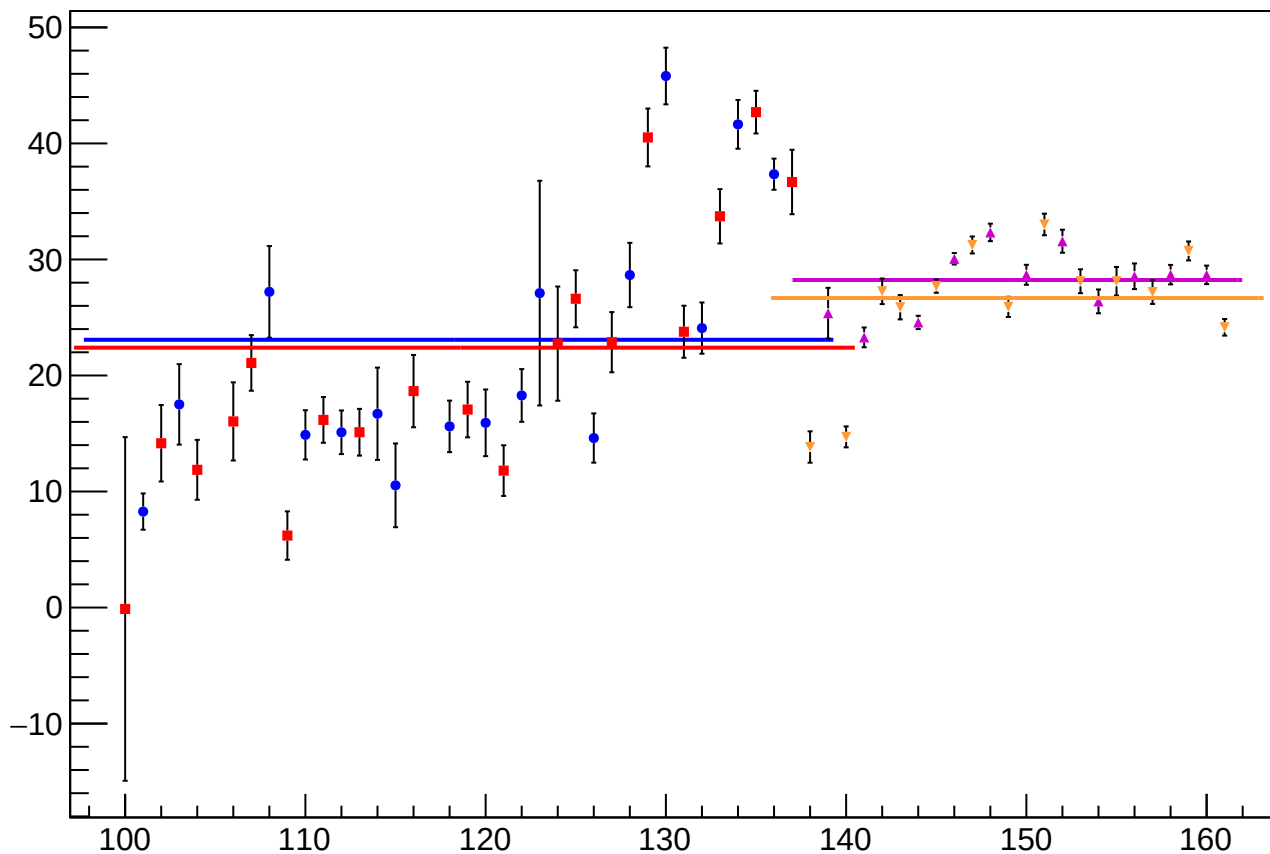
Left In: -70.985 ± 0.291 χ^2/NDF : 2915.2/10

+ sign -70.433 ± 0.280 χ^2/NDF : 3179.5/29

All: -69.305 ± 0.197 χ^2/NDF : 7293.5/59

- sign -68.208 ± 0.276 χ^2/NDF : 4082.0/29

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 26.674 $\pm$ 0.243 χ^2 /NDF: 397.2/12

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

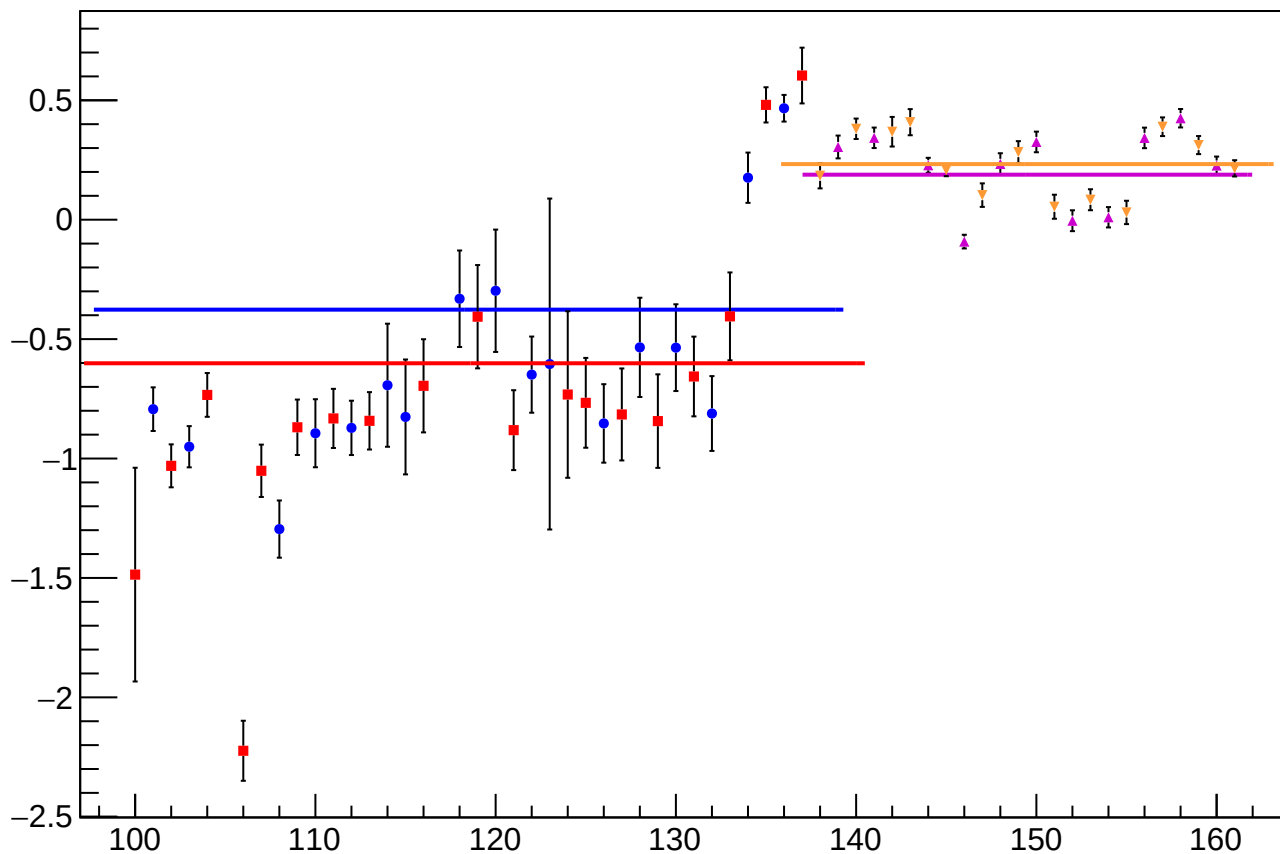
Left In: 28.229 $\pm$ 0.238 χ^2 /NDF: 134.9/10

+ sign 26.096 $\pm$ 0.223 χ^2 /NDF: 893.4/29

All: 26.740 $\pm$ 0.157 χ^2 /NDF: 1503.5/59

- sign 27.367 $\pm$ 0.220 χ^2 /NDF: 593.6/29

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.233 ± 0.012 $\chi^2/\text{NDF}: 98.9/12$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

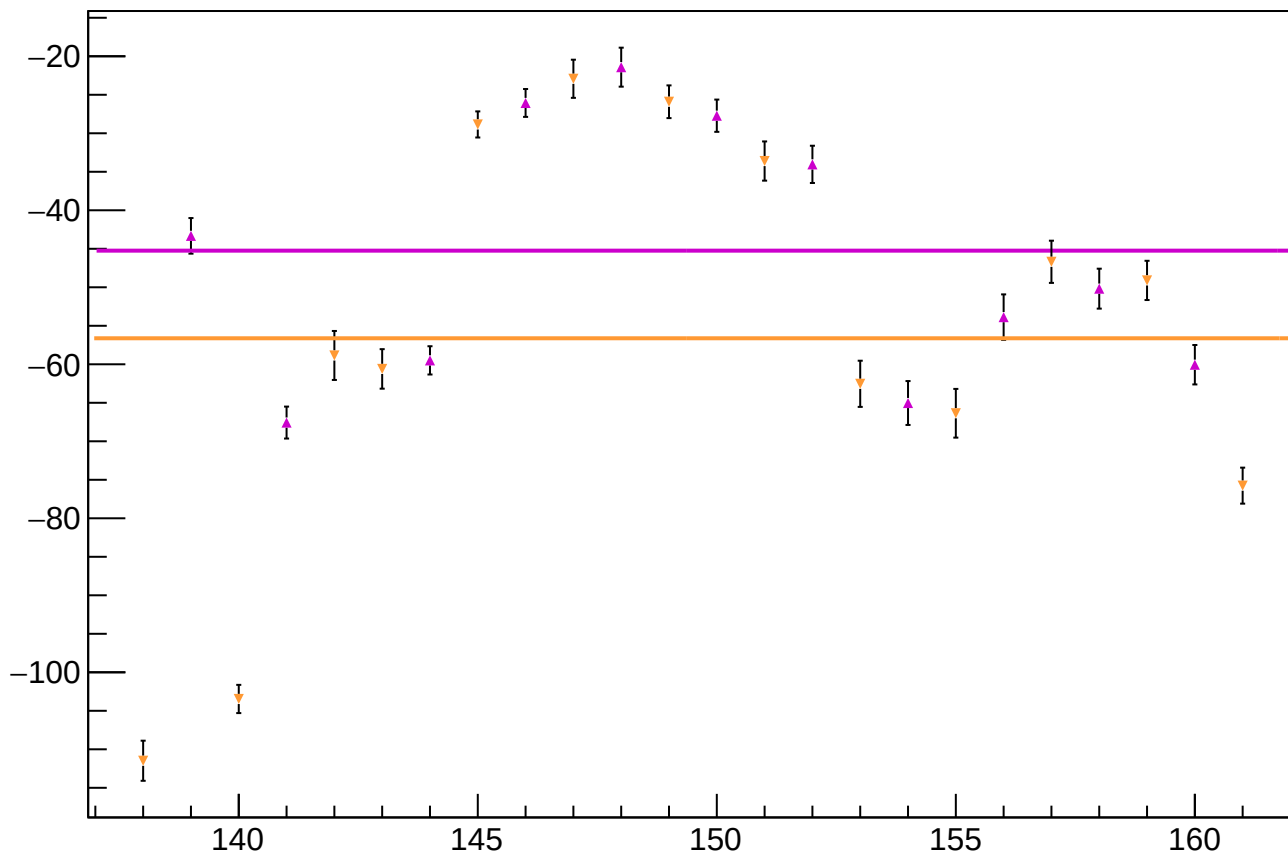
Left In: 0.188 ± 0.012 $\chi^2/\text{NDF}: 215.4/10$

+ sign 0.154 ± 0.011 $\chi^2/\text{NDF}: 893.6/29$

All: 0.120 ± 0.008 $\chi^2/\text{NDF}: 2279.8/59$

- sign 0.085 ± 0.011 $\chi^2/\text{NDF}: 1365.9/29$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -56.622+/-0.665 χ^2/NDF :1946.4/12

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

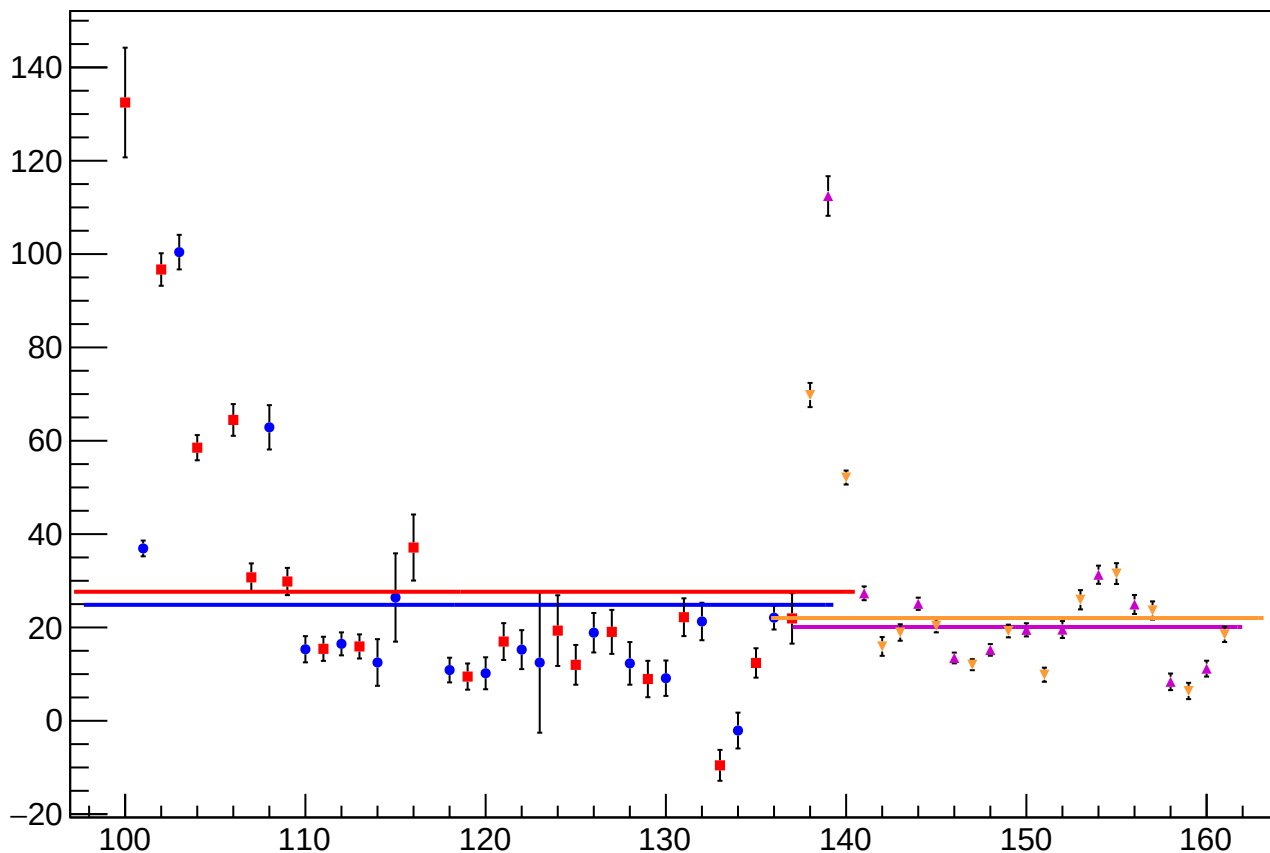
Left In: -45.243+/-0.688 χ^2/NDF :562.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.126+/-0.478 χ^2/NDF : 2650.9/23

- 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: 22.023 ± 0.458 χ^2/NDF : 1003.7/12

Right Out: 27.648 ± 0.810 χ^2/NDF : 1009.2/18

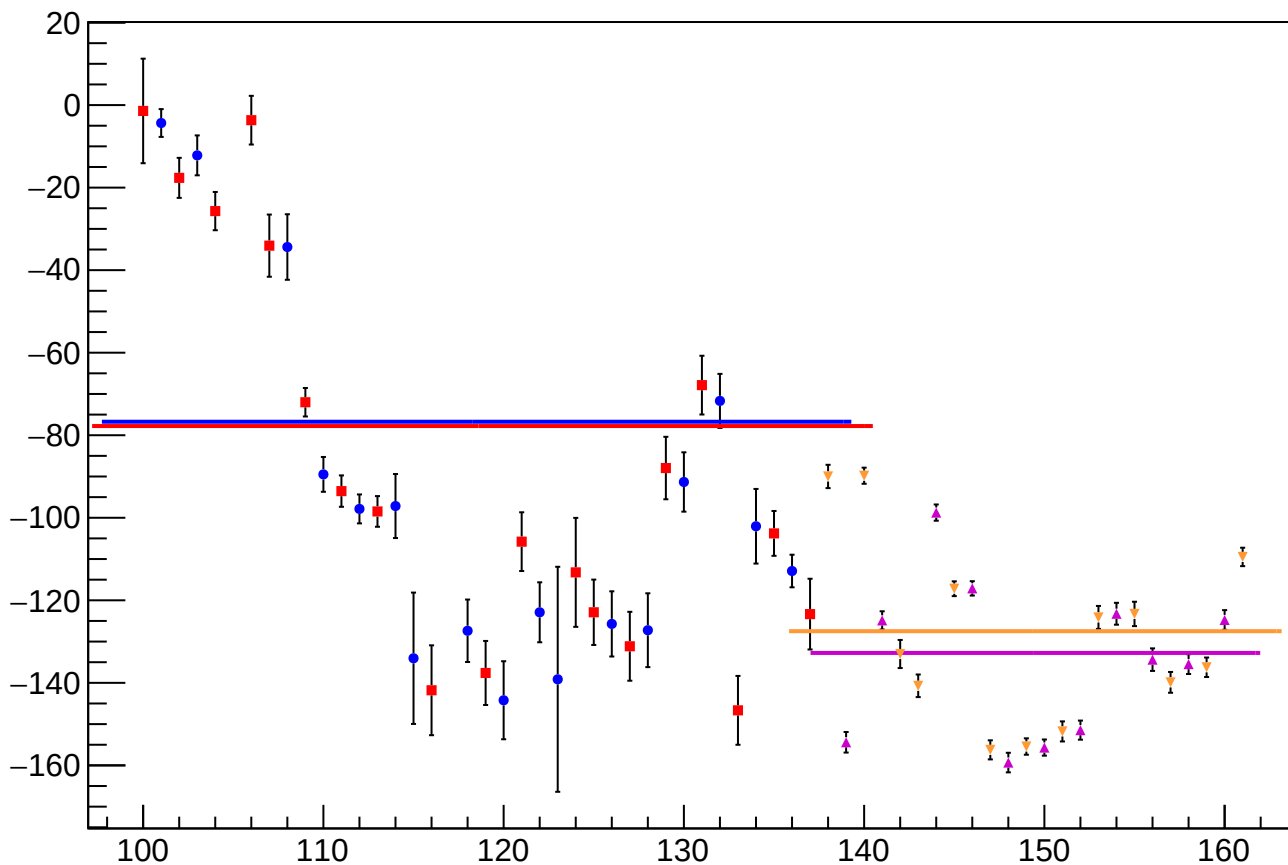
Left In: 20.100 ± 0.473 χ^2/NDF : 671.0/10

+ sign 22.720 ± 0.398 χ^2/NDF : 1703.9/29

All: 22.380 ± 0.285 χ^2/NDF : 3450.3/59

- sign 22.021 ± 0.409 χ^2/NDF : 1744.9/29

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -127.483 ± 0.658 χ^2/NDF : 1166.3/12

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

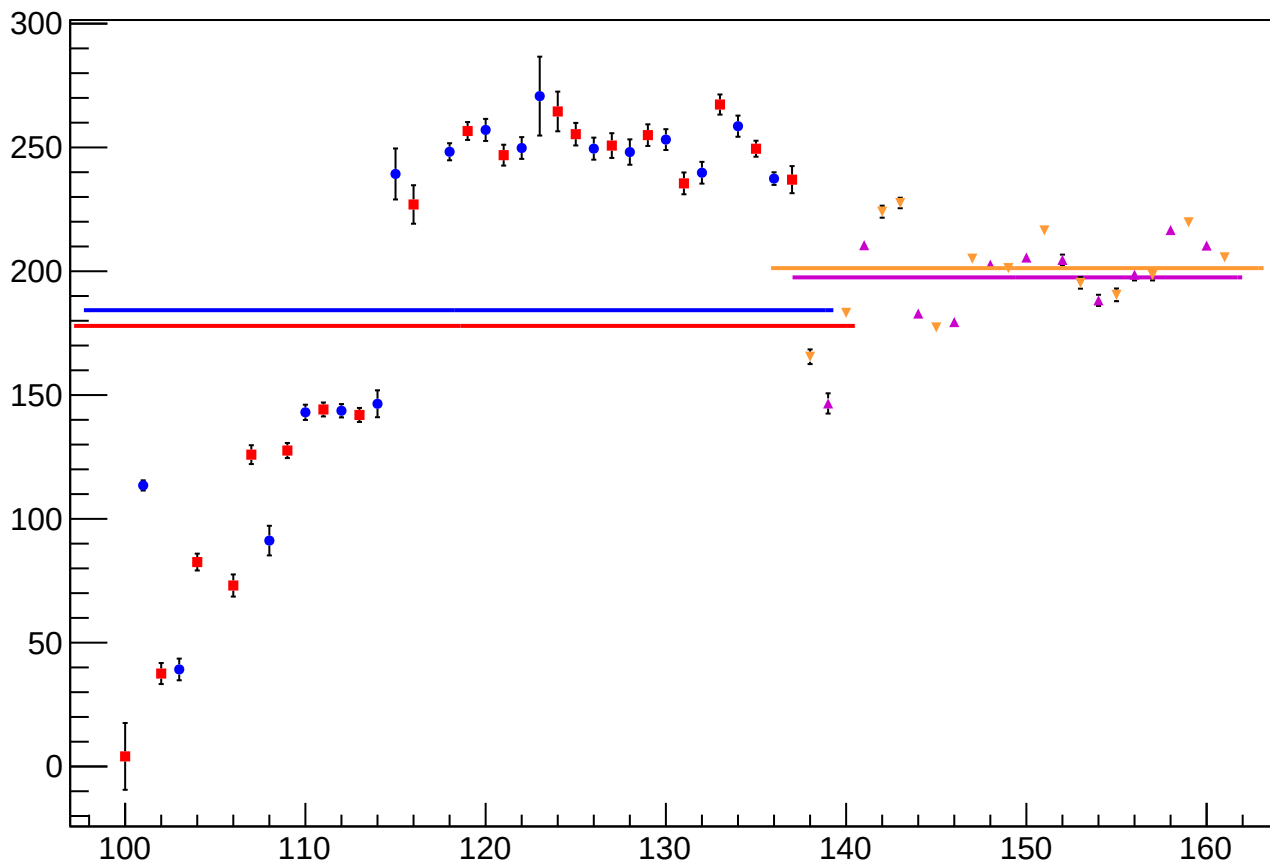
Left In: -132.753 ± 0.673 χ^2/NDF : 821.2/10

+ sign -118.428 ± 0.596 χ^2/NDF : 3269.5/29

All: -120.114 ± 0.424 χ^2/NDF : 6303.4/59

- sign -121.834 ± 0.603 χ^2/NDF : 3017.7/29

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 201.259 $\pm$ 0.545 χ^2 /NDF: 908.8/12

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

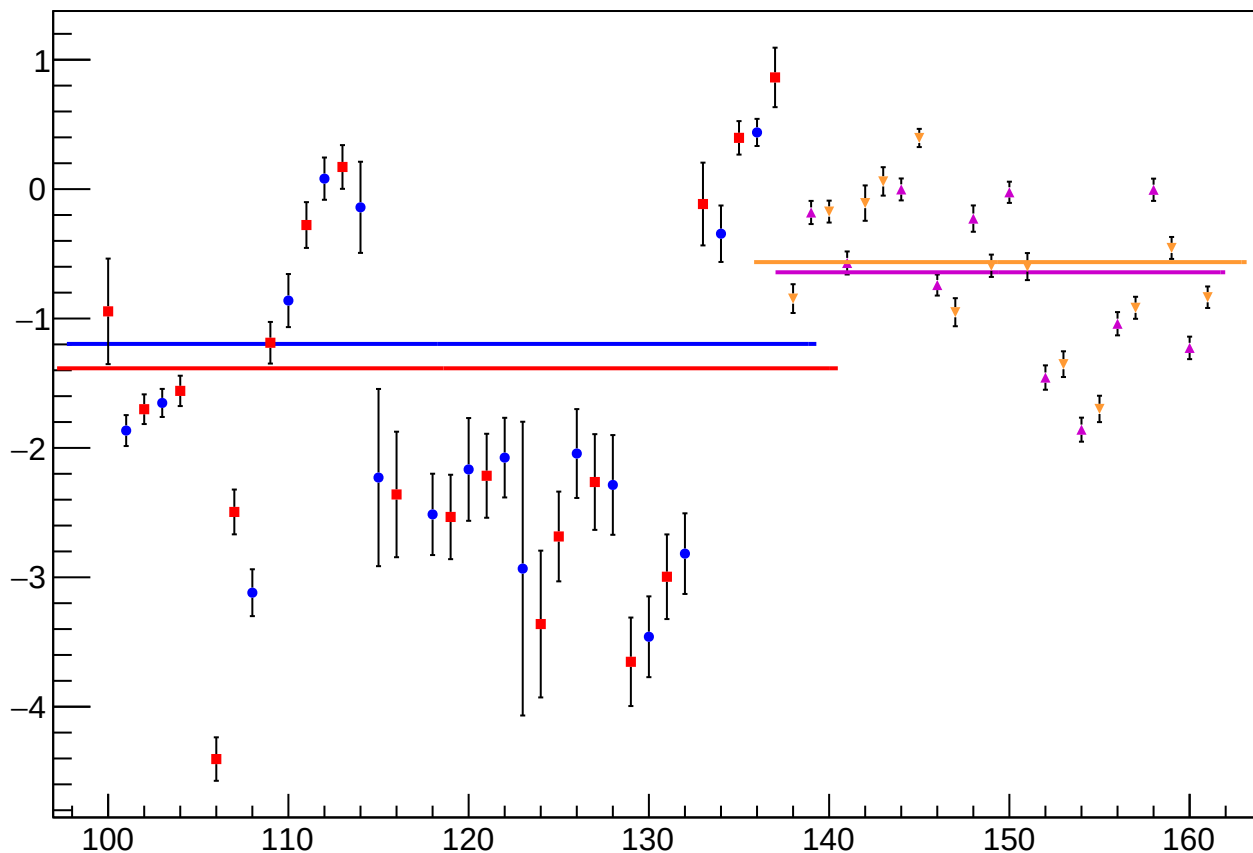
Left In: 197.523 $\pm$ 0.562 χ^2 /NDF: 668.7/10

+ sign 196.803 $\pm$ 0.468 χ^2 /NDF: 6564.8/29

All: 194.574 $\pm$ 0.335 χ^2 /NDF: 13939.1/59

- sign 192.227 $\pm$ 0.480 χ^2 /NDF: 7327.7/29

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.564 ± 0.026 χ^2/NDF : 486.4/12

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

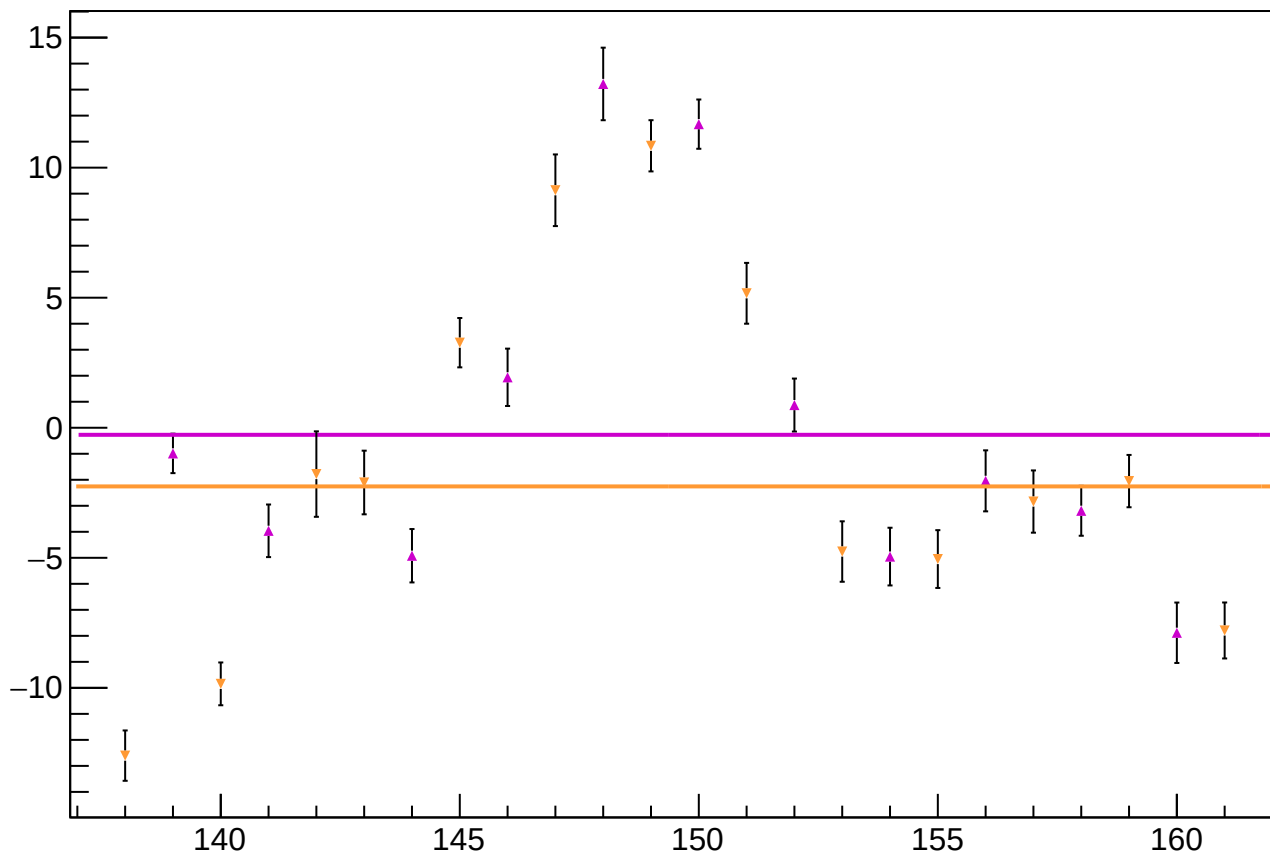
Left In: -0.643 ± 0.027 χ^2/NDF : 525.2/10

+ sign -0.706 ± 0.023 χ^2/NDF : 1243.5/29

All: -0.768 ± 0.016 χ^2/NDF : 2904.0/59

- sign -0.831 ± 0.023 χ^2/NDF : 1645.8/29

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -2.255+/-0.300 χ^2/NDF : 557.0/12

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

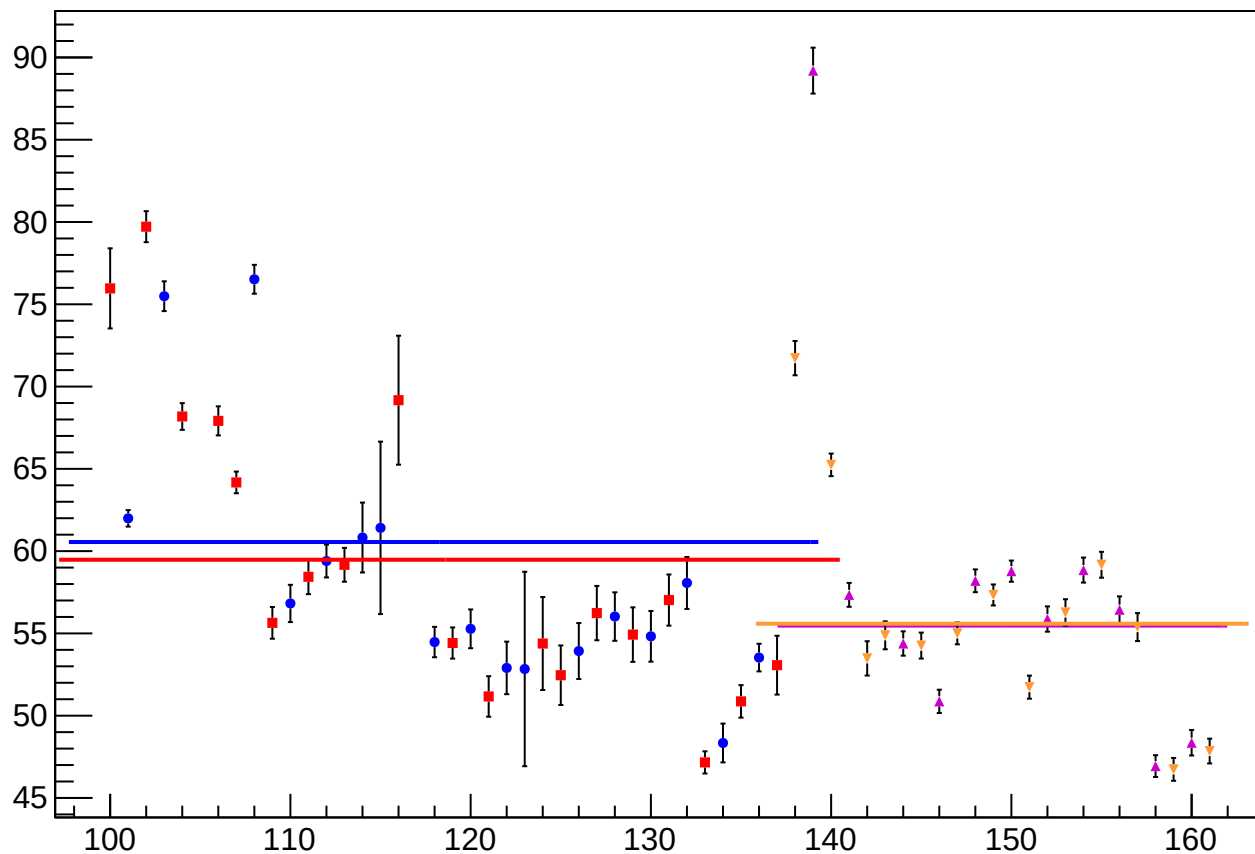
Left In: -0.272+/-0.309 χ^2/NDF : 364.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.293+/-0.215 χ^2/NDF : 943.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 ± 0.262 χ^2/NDF : 930.8/16

Left Out: 55.589 ± 0.213 χ^2/NDF : 773.9/12

Right Out: 59.477 ± 0.248 χ^2/NDF : 1317.0/18

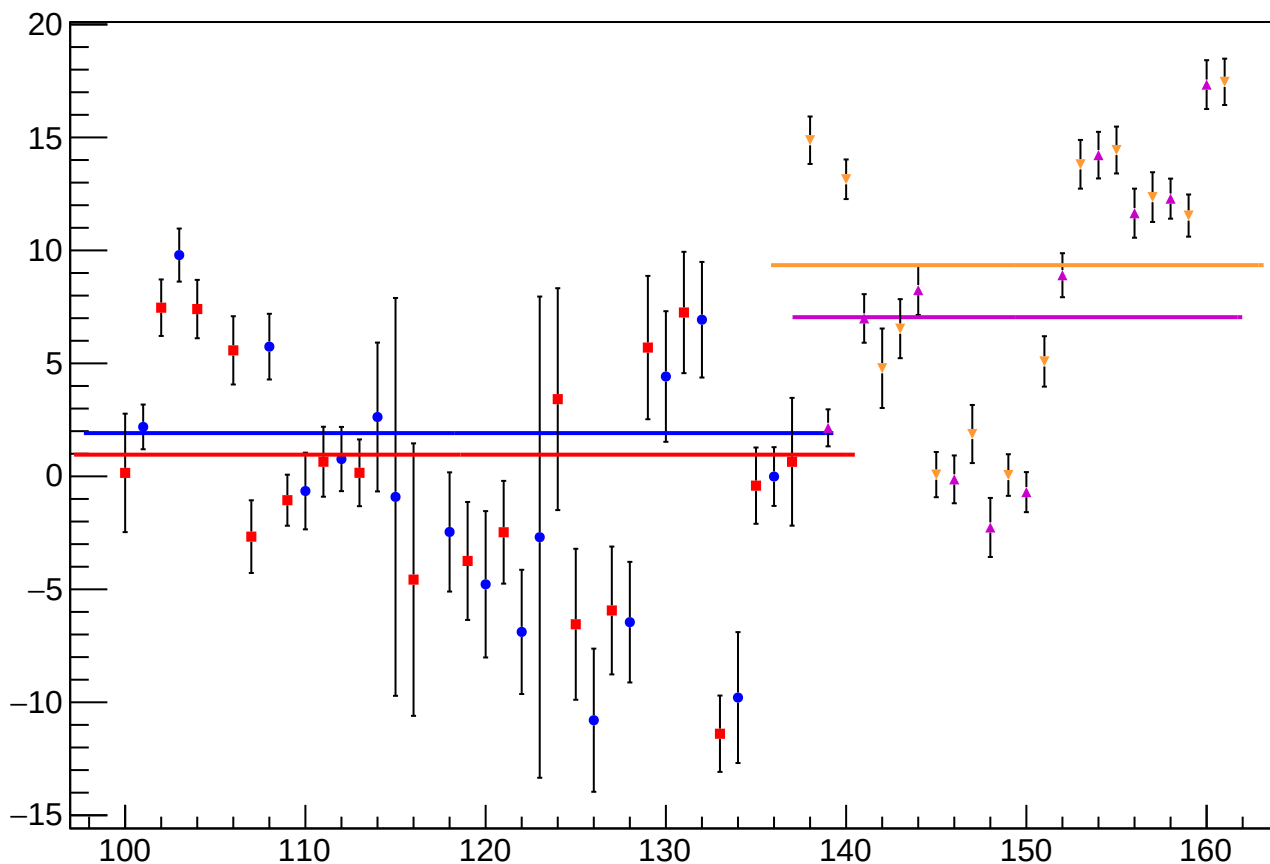
Left In: 55.476 ± 0.226 χ^2/NDF : 948.0/10

+ sign 57.565 ± 0.165 χ^2/NDF : 1921.6/29

All: 57.429 ± 0.117 χ^2/NDF : 4330.4/59

- sign 57.290 ± 0.167 χ^2/NDF : 2407.4/29

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 9.347 ± 0.296 χ^2/NDF : 410.6/12

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

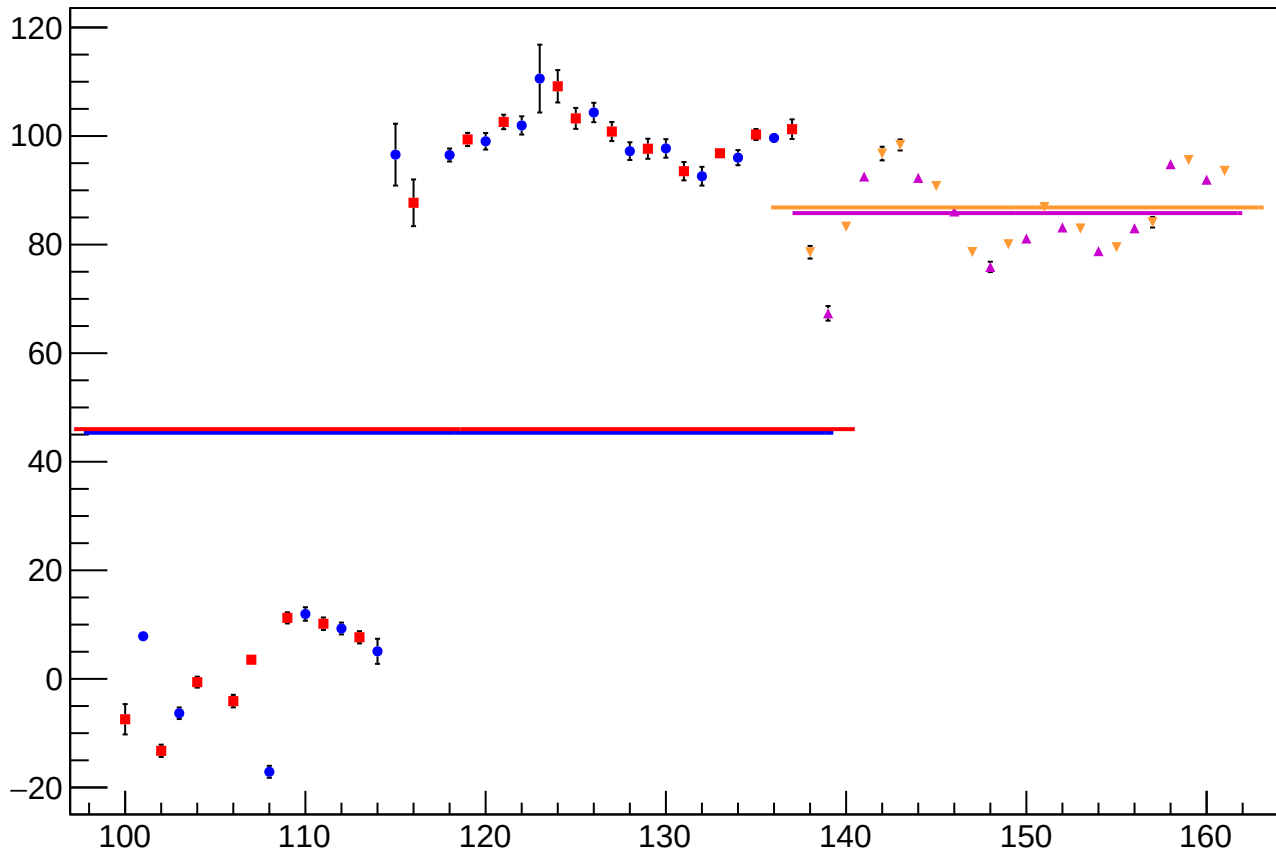
Left In: 7.045 ± 0.303 χ^2/NDF : 405.7/10

+ sign 7.156 ± 0.249 χ^2/NDF : 718.2/29

All: 6.064 ± 0.175 χ^2/NDF : 1447.8/59

- sign 4.991 ± 0.246 χ^2/NDF : 691.4/29

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 86.843 $\pm$ 0.249 χ^2 /NDF: 743.5/12

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

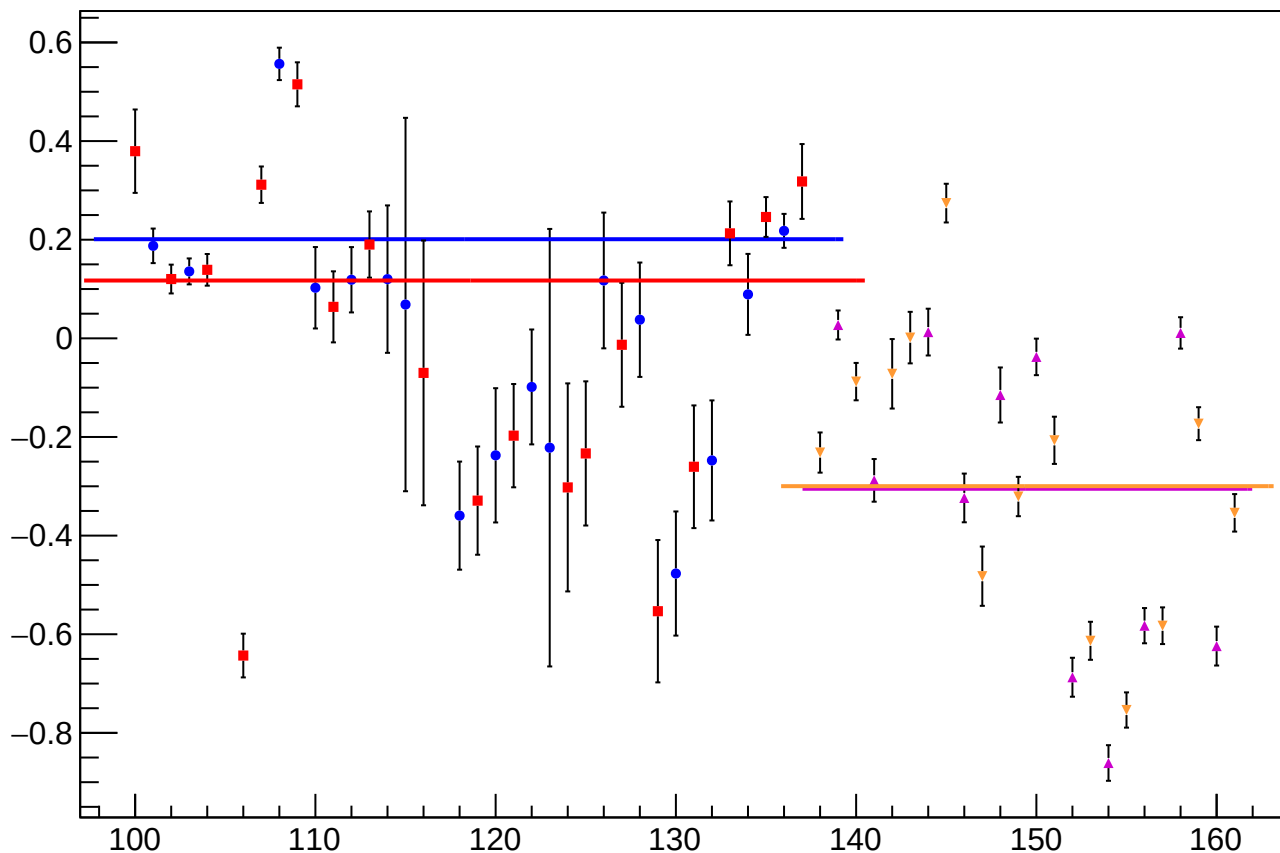
Left In: 85.801 $\pm$ 0.262 χ^2 /NDF: 752.1/10

+ sign 70.121 $\pm$ 0.192 χ^2 /NDF: 36996.8/29

All: 69.008 $\pm$ 0.137 χ^2 /NDF: 76421.9/59

- sign 67.875 $\pm$ 0.194 χ^2 /NDF: 39357.7/29

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.300 ± 0.011 χ^2/NDF : 606.7/12

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

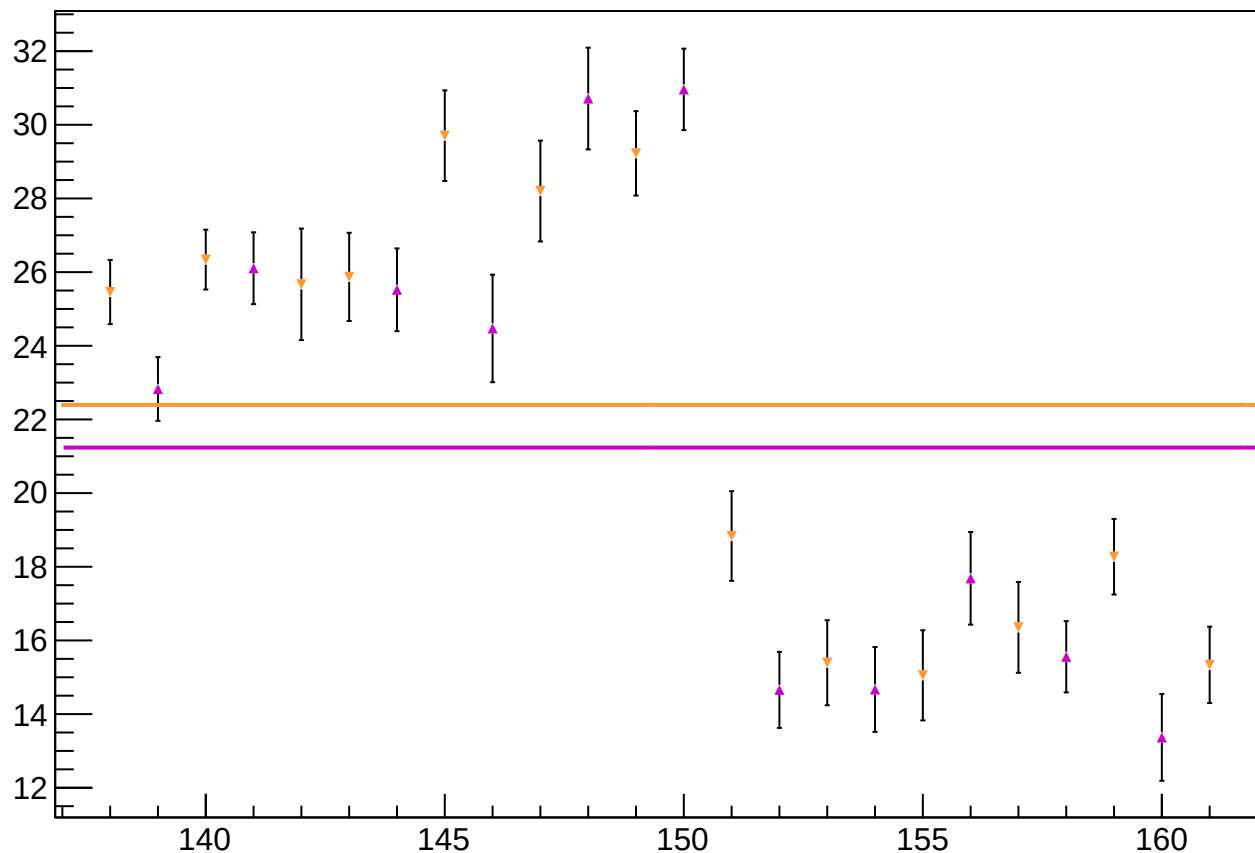
Left In: -0.305 ± 0.012 χ^2/NDF : 791.3/10

+ sign -0.100 ± 0.009 χ^2/NDF : 1588.7/29

All: -0.109 ± 0.006 χ^2/NDF : 3468.3/59

- sign -0.118 ± 0.009 χ^2/NDF : 1877.4/29

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 22.393+/-0.308 χ^2/NDF : 305.7/12

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

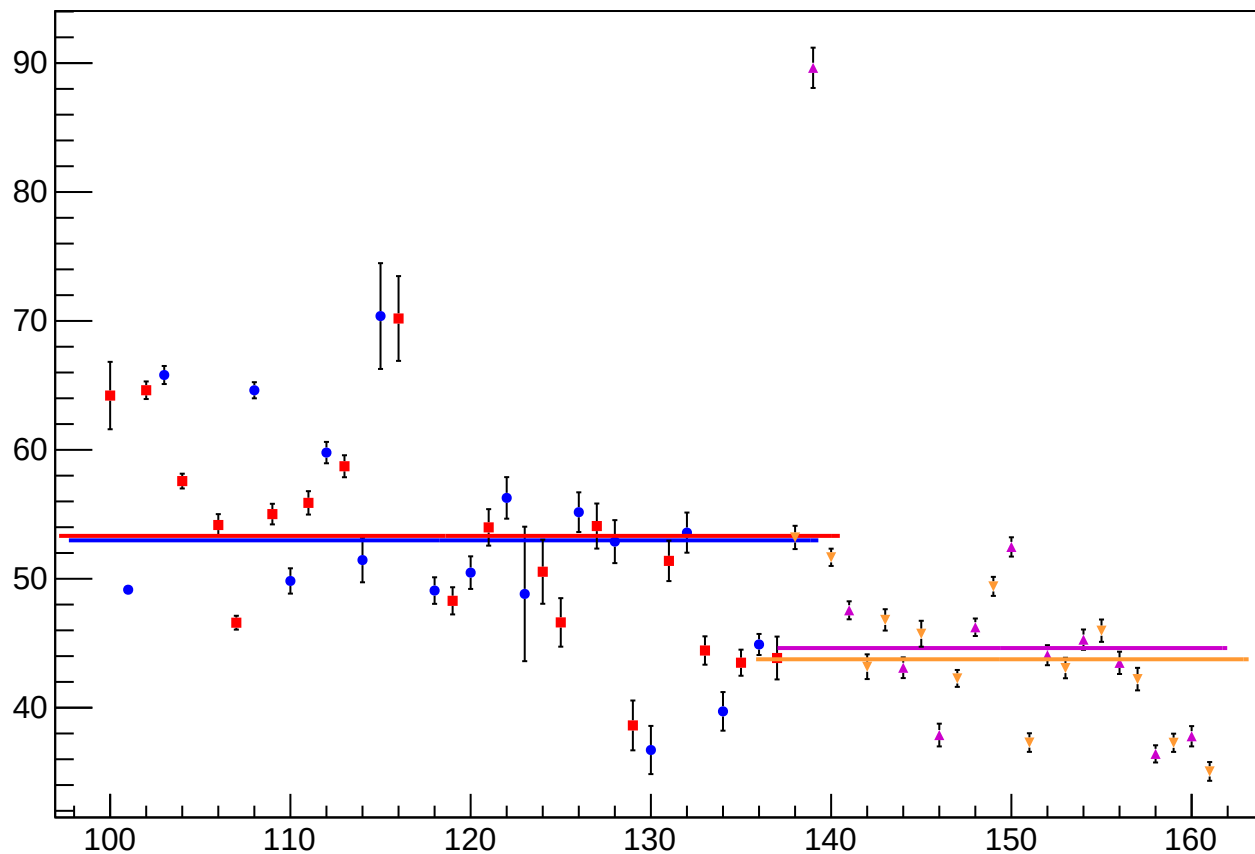
Left In: 21.237+/-0.331 χ^2/NDF : 332.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.858+/-0.226 χ^2/NDF : 644.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

Left Out: 43.755 $\pm$ 0.217 χ^2 /NDF: 647.9/12

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

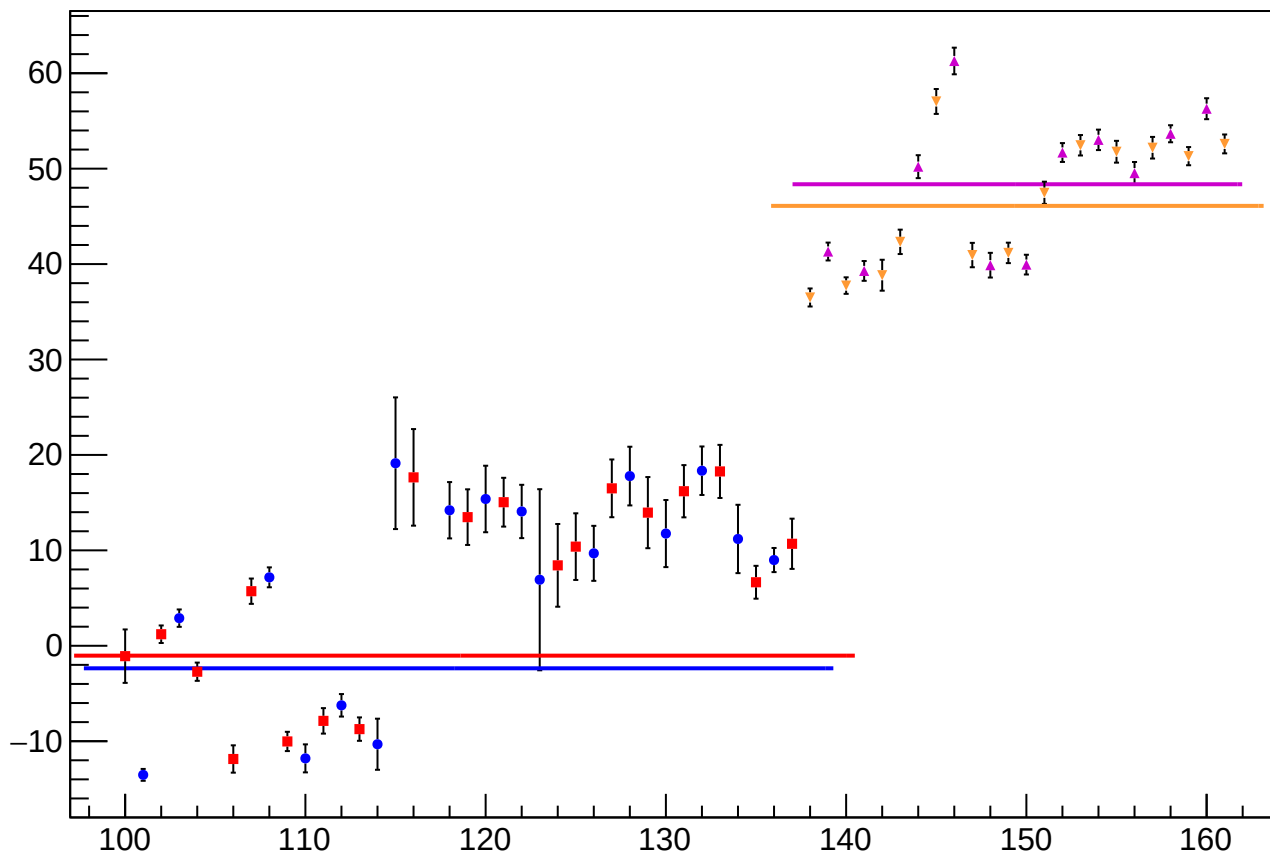
Left In: 44.626 $\pm$ 0.238 χ^2 /NDF: 1254.3/10

+ sign 48.521 $\pm$ 0.151 χ^2 /NDF: 2777.2/29

All: 48.824 $\pm$ 0.111 χ^2 /NDF: 5615.3/59

- sign 49.180 $\pm$ 0.164 χ^2 /NDF: 2829.4/29

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 $\chi^2/\text{NDF}: 840.8/16$

Left Out: 46.099 ± 0.304 $\chi^2/\text{NDF}: 496.0/12$

Right Out: -1.035 ± 0.377 $\chi^2/\text{NDF}: 507.7/18$

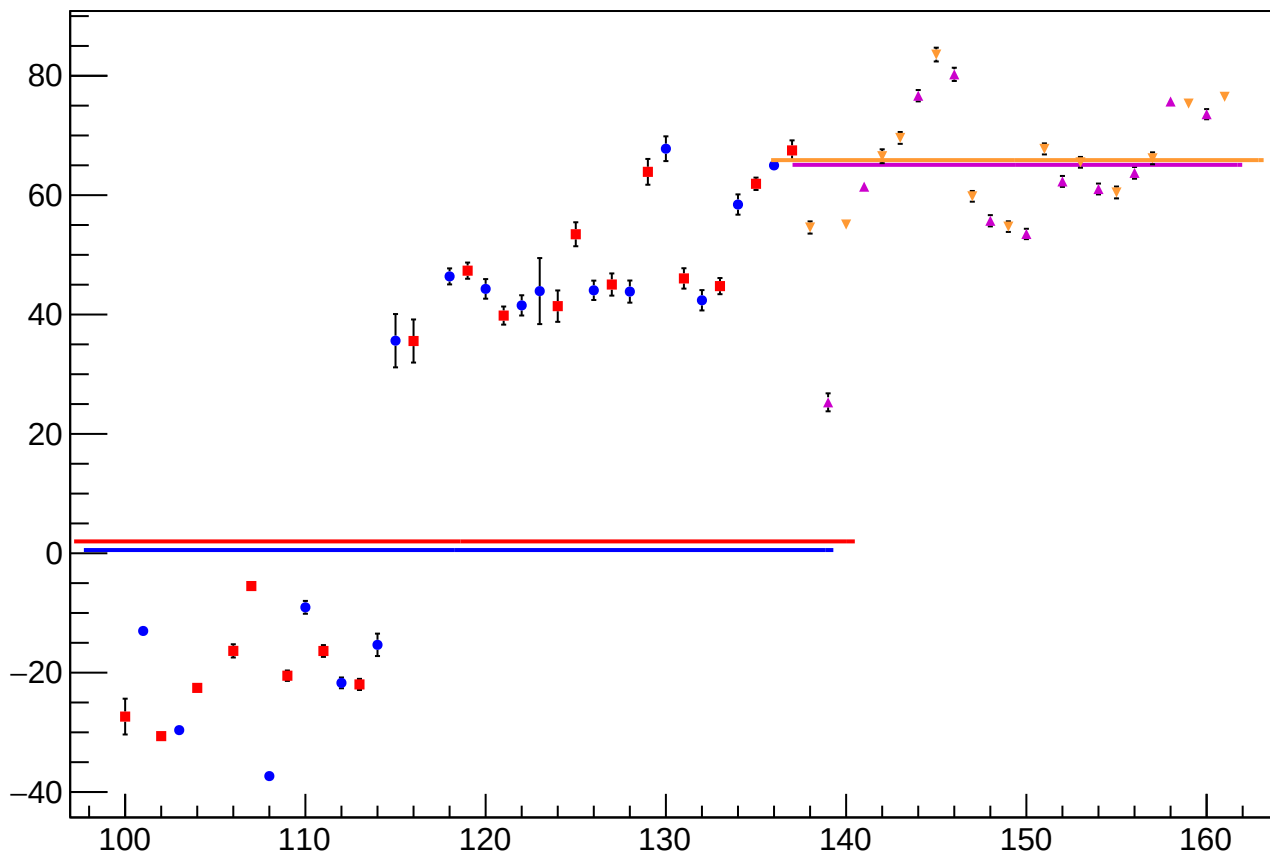
Left In: 48.365 ± 0.324 $\chi^2/\text{NDF}: 449.1/10$

+ sign 26.148 ± 0.233 $\chi^2/\text{NDF}: 11774.6/29$

All: 26.728 ± 0.169 $\chi^2/\text{NDF}: 22622.0/59$

- sign 27.370 ± 0.246 $\chi^2/\text{NDF}: 10834.4/29$

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 65.870 ± 0.255 χ^2/NDF : 1133.9/12

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

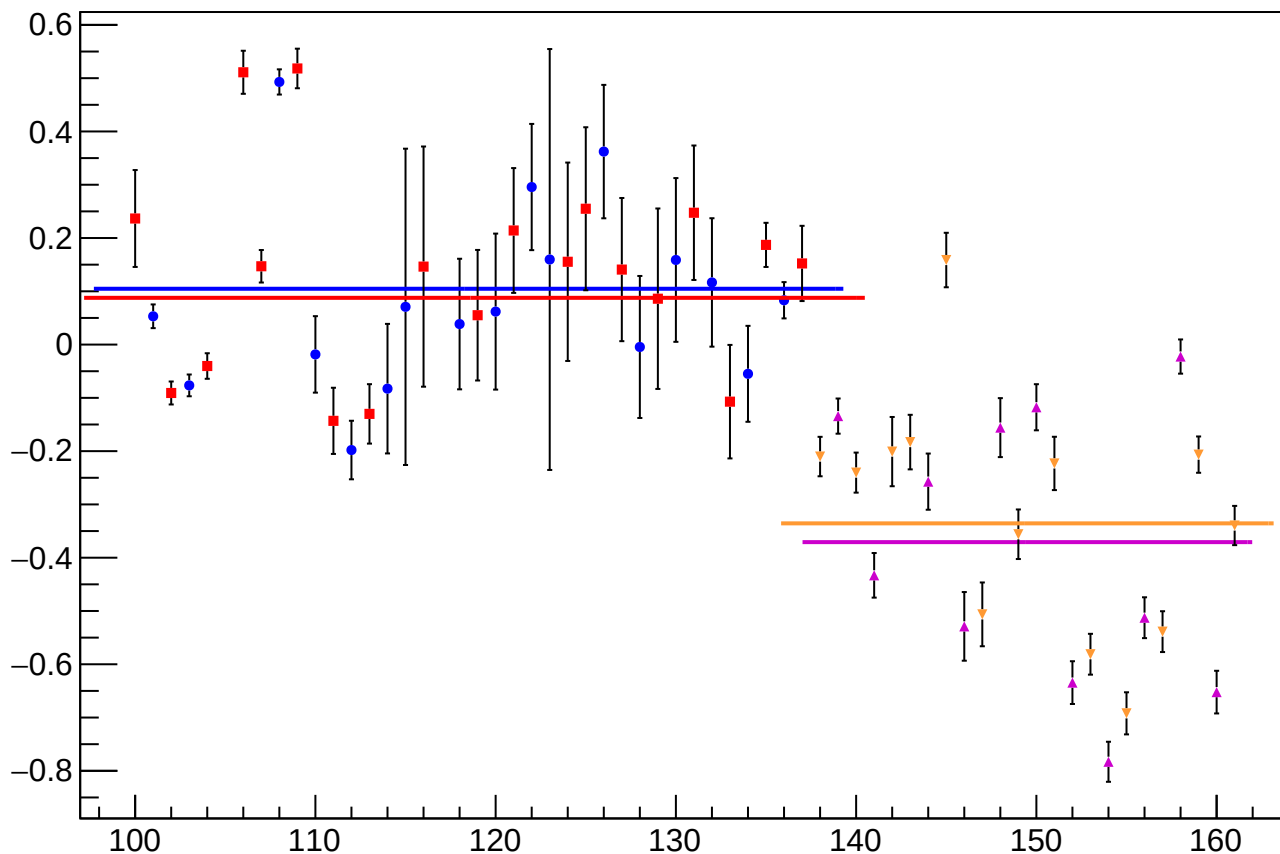
Left In: 65.081 ± 0.277 χ^2/NDF : 1687.8/10

+ sign 32.110 ± 0.177 χ^2/NDF : 53442.3/29

All: 32.225 ± 0.130 χ^2/NDF : 97583.9/59

- sign 32.361 ± 0.192 χ^2/NDF : 44140.7/29

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.7/16$

Left Out: -0.336 ± 0.012 $\chi^2/\text{NDF}: 302.9/12$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

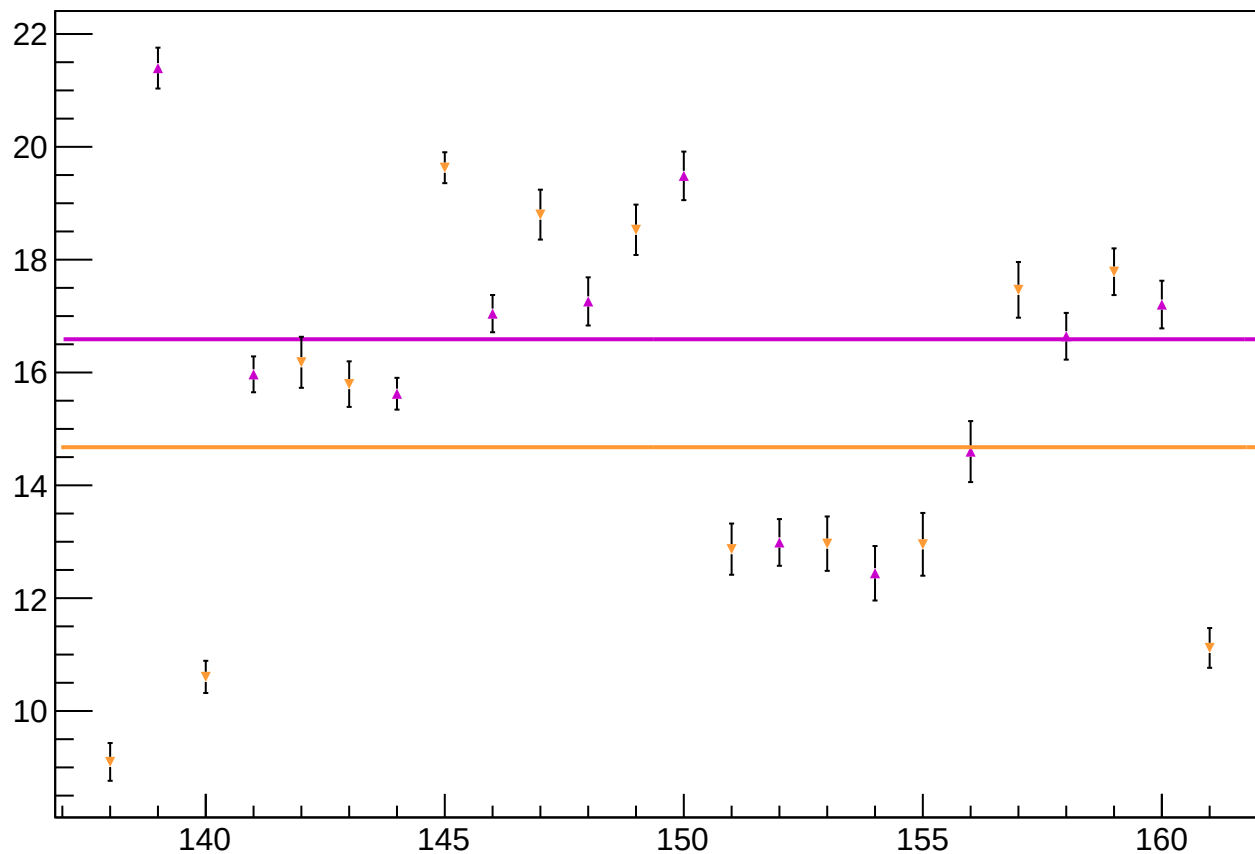
Left In: -0.371 ± 0.012 $\chi^2/\text{NDF}: 457.9/10$

+ sign -0.101 ± 0.008 $\chi^2/\text{NDF}: 1446.7/29$

All: -0.108 ± 0.006 $\chi^2/\text{NDF}: 3065.4/59$

- sign -0.115 ± 0.008 $\chi^2/\text{NDF}: 1617.1/29$

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.676+/-0.108 χ^2/NDF :1216.9/12

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

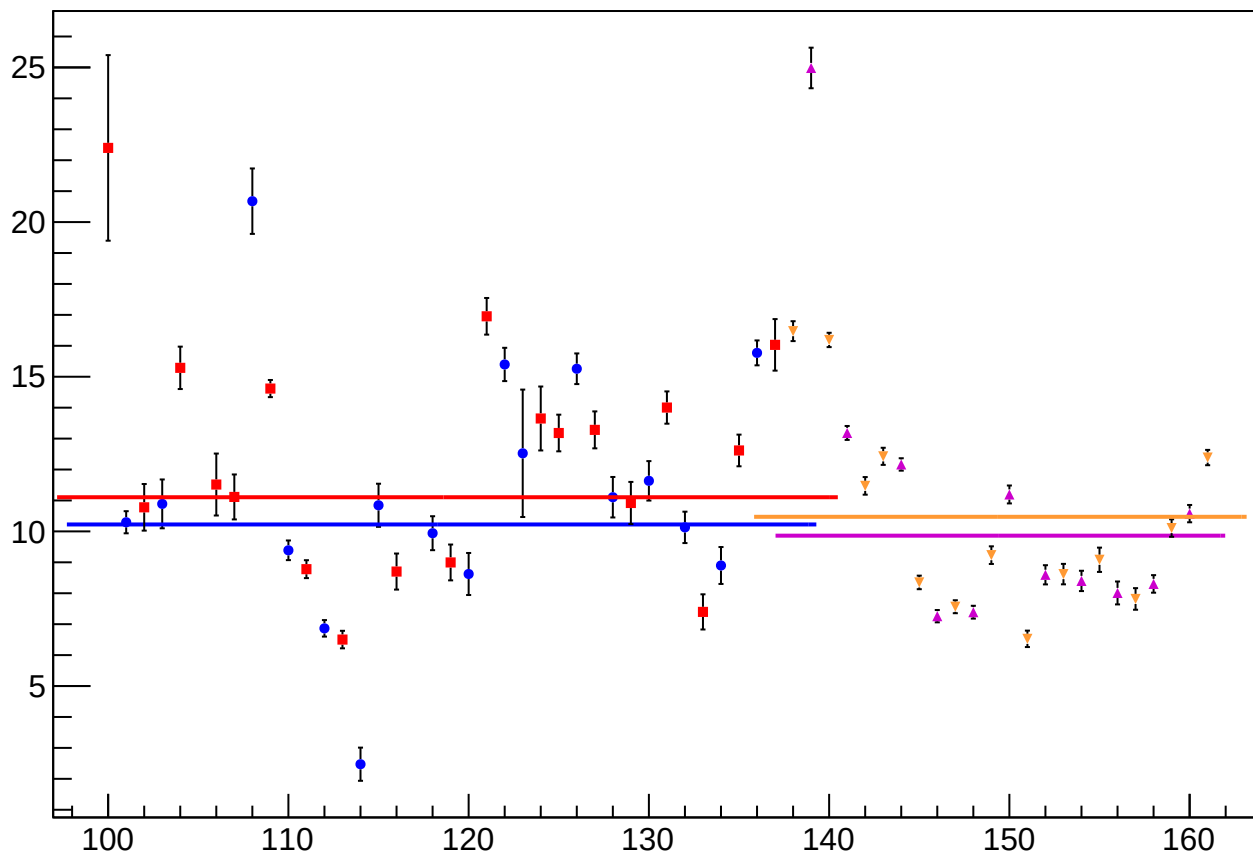
Left In: 16.589+/-0.115 χ^2/NDF :406.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.568+/-0.079 χ^2/NDF : 1770.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 ± 0.119 χ^2/NDF : 877.6/16

Left Out: 10.472 ± 0.075 χ^2/NDF : 1709.9/12

Right Out: 11.104 ± 0.116 χ^2/NDF : 817.2/18

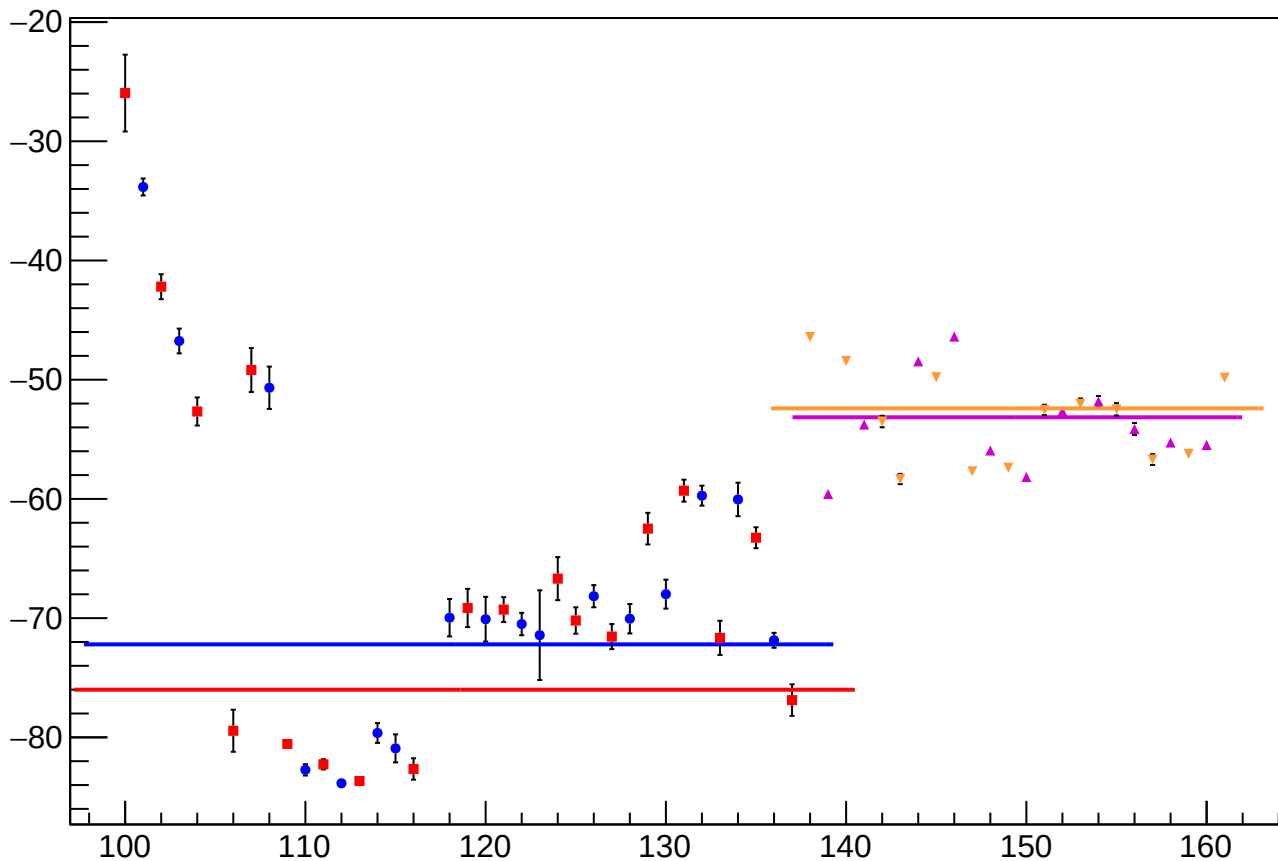
Left In: 9.862 ± 0.079 χ^2/NDF : 1312.9/10

+ sign 10.401 ± 0.064 χ^2/NDF : 2590.6/29

All: 10.330 ± 0.046 χ^2/NDF : 4801.1/59

- sign 10.255 ± 0.065 χ^2/NDF : 2208.0/29

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -52.407 ± 0.108 χ^2/NDF : 1271.8/12

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

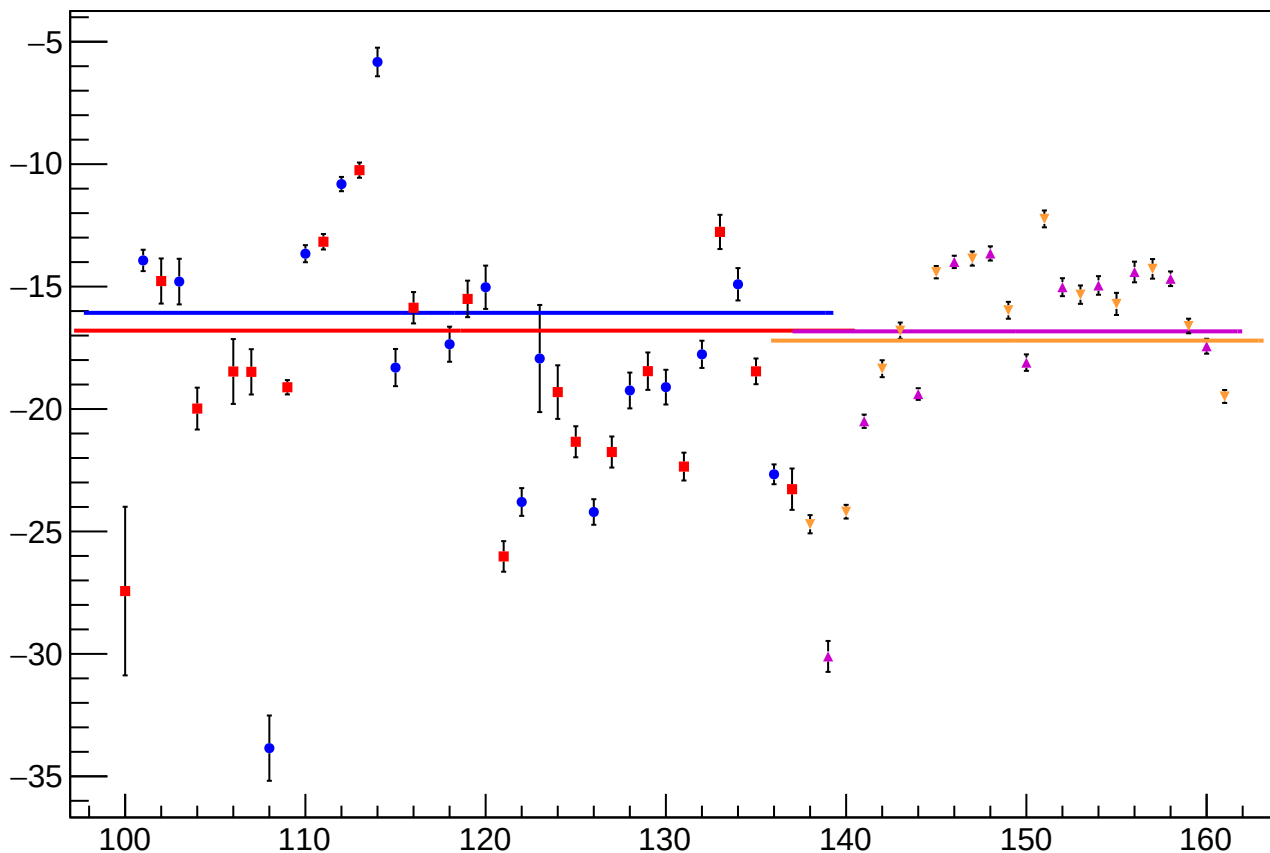
Left In: -53.153 ± 0.114 χ^2/NDF : 1255.4/10

+ sign -56.954 ± 0.095 χ^2/NDF : 14561.0/29

All: -58.268 ± 0.068 χ^2/NDF : 31103.9/59

- sign -59.626 ± 0.096 χ^2/NDF : 16151.6/29

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -17.206 ± 0.089 $\chi^2/\text{NDF}: 1686.1/12$

Right Out: -16.799 ± 0.128 $\chi^2/\text{NDF}: 1215.8/18$

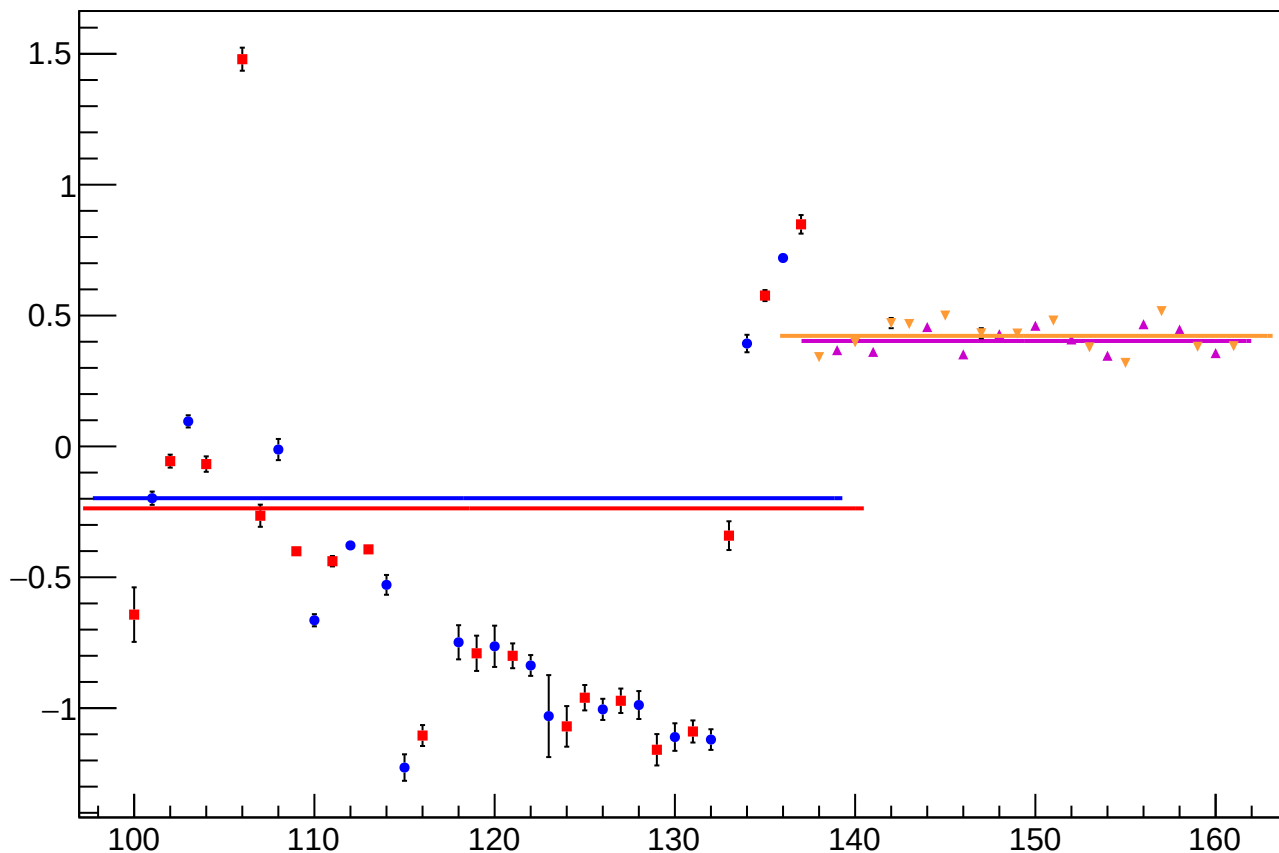
Left In: -16.828 ± 0.095 $\chi^2/\text{NDF}: 1136.4/10$

+ sign -16.851 ± 0.074 $\chi^2/\text{NDF}: 3377.5/29$

All: -16.835 ± 0.053 $\chi^2/\text{NDF}: 5729.8/59$

- sign -16.818 ± 0.076 $\chi^2/\text{NDF}: 2352.2/29$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.422 ± 0.004 χ^2/NDF : 201.8/12

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

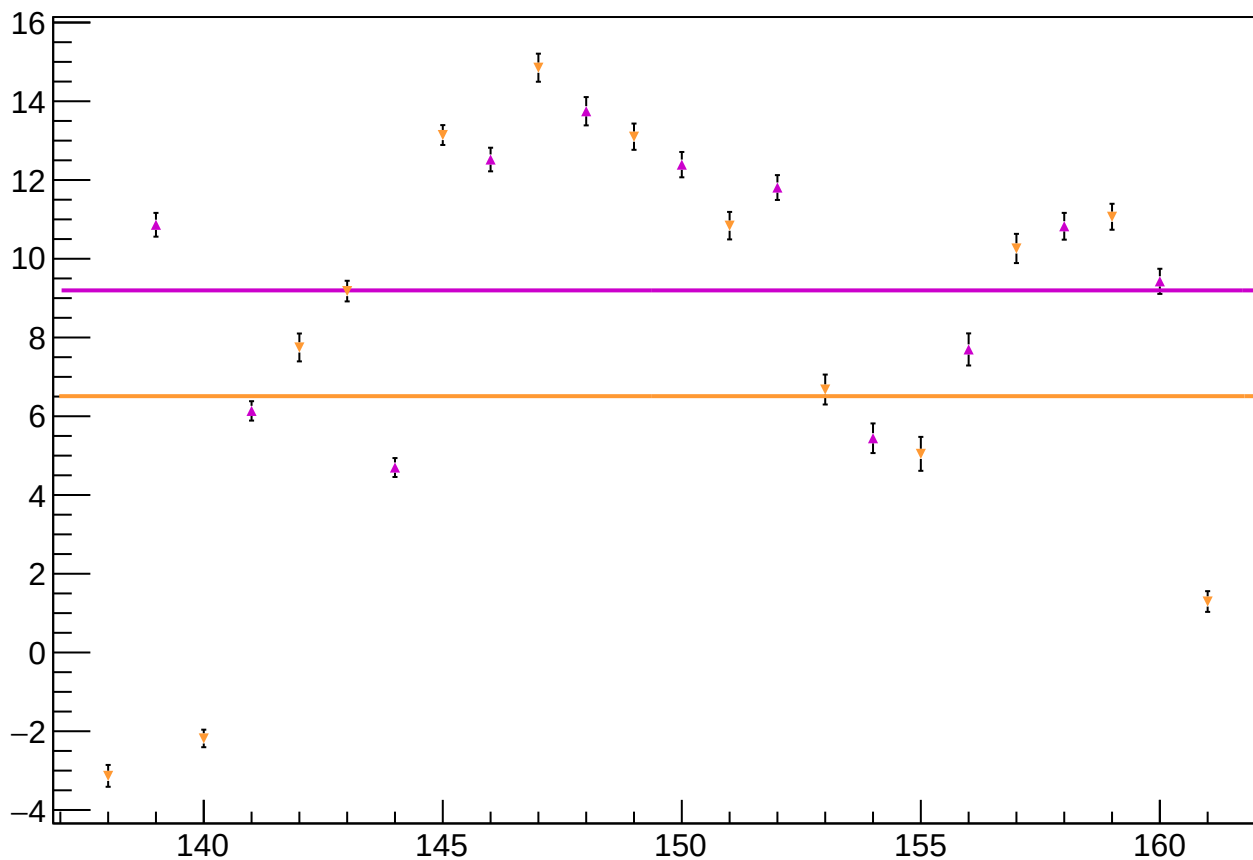
Left In: 0.403 ± 0.004 χ^2/NDF : 106.9/10

+ sign 0.273 ± 0.004 χ^2/NDF : 11682.4/29

All: 0.249 ± 0.003 χ^2/NDF : 23816.0/59

- sign 0.223 ± 0.004 χ^2/NDF : 12044.4/29

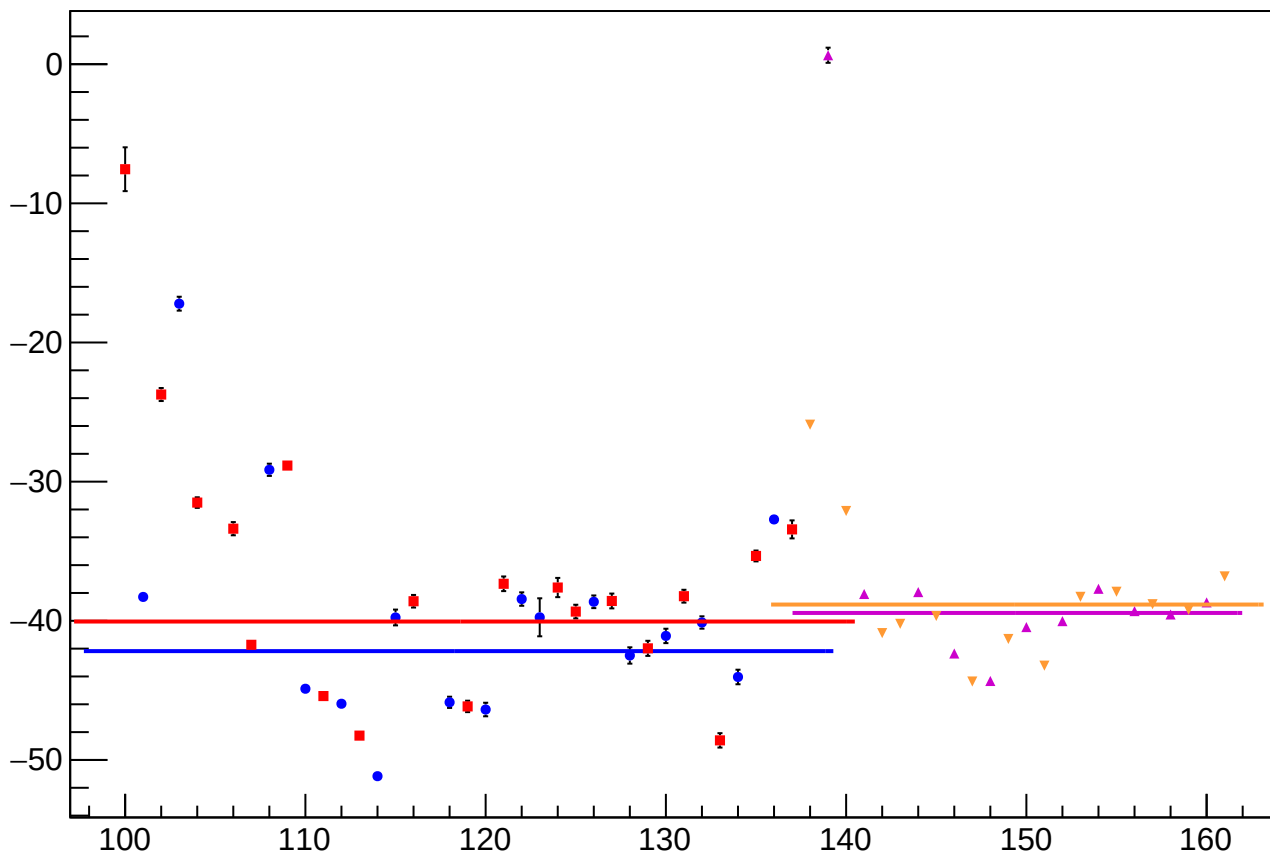
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.510+/-0.085 χ^2/NDF : 5326.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.196+/-0.093 χ^2/NDF : 1121.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.723+/-0.063 χ^2/NDF : 6903.7/23
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 $\pm$ 0.078 χ^2/NDF : 6573.8/16

Left Out: -38.832 $\pm$ 0.059 χ^2/NDF : 5629.9/12

Right Out: -40.052 $\pm$ 0.073 χ^2/NDF : 11313.5/18

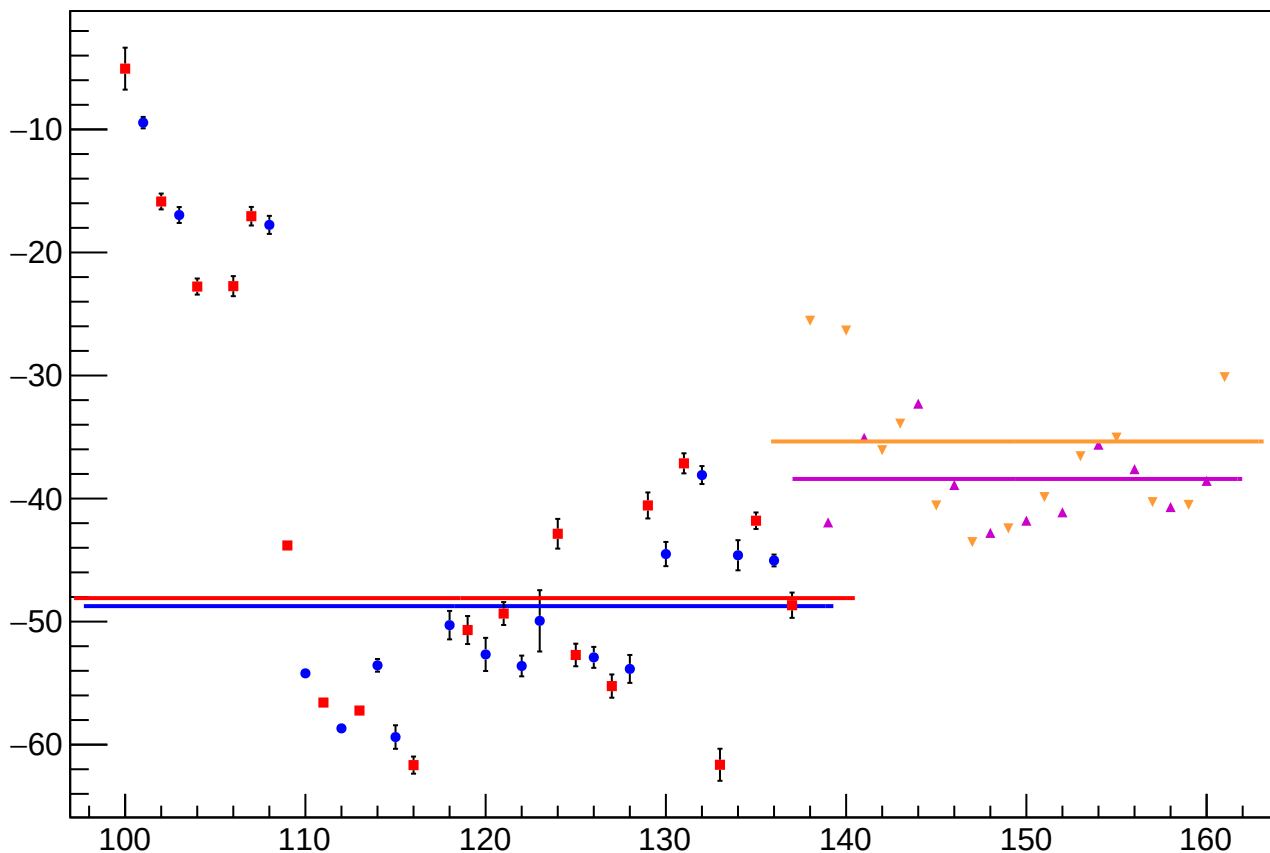
Left In: -39.435 $\pm$ 0.065 χ^2/NDF : 6657.5/10

+ sign -40.053 $\pm$ 0.047 χ^2/NDF : 13380.1/29

All: -39.885 $\pm$ 0.034 χ^2/NDF : 31417.6/59

- sign -39.707 $\pm$ 0.048 χ^2/NDF : 18011.2/29

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 $\pm$ 0.124 χ^2/NDF : 14658.5/16

Left Out: -35.359 $\pm$ 0.085 χ^2/NDF : 5148.9/12

Right Out: -48.091 $\pm$ 0.107 χ^2/NDF : 11731.5/18

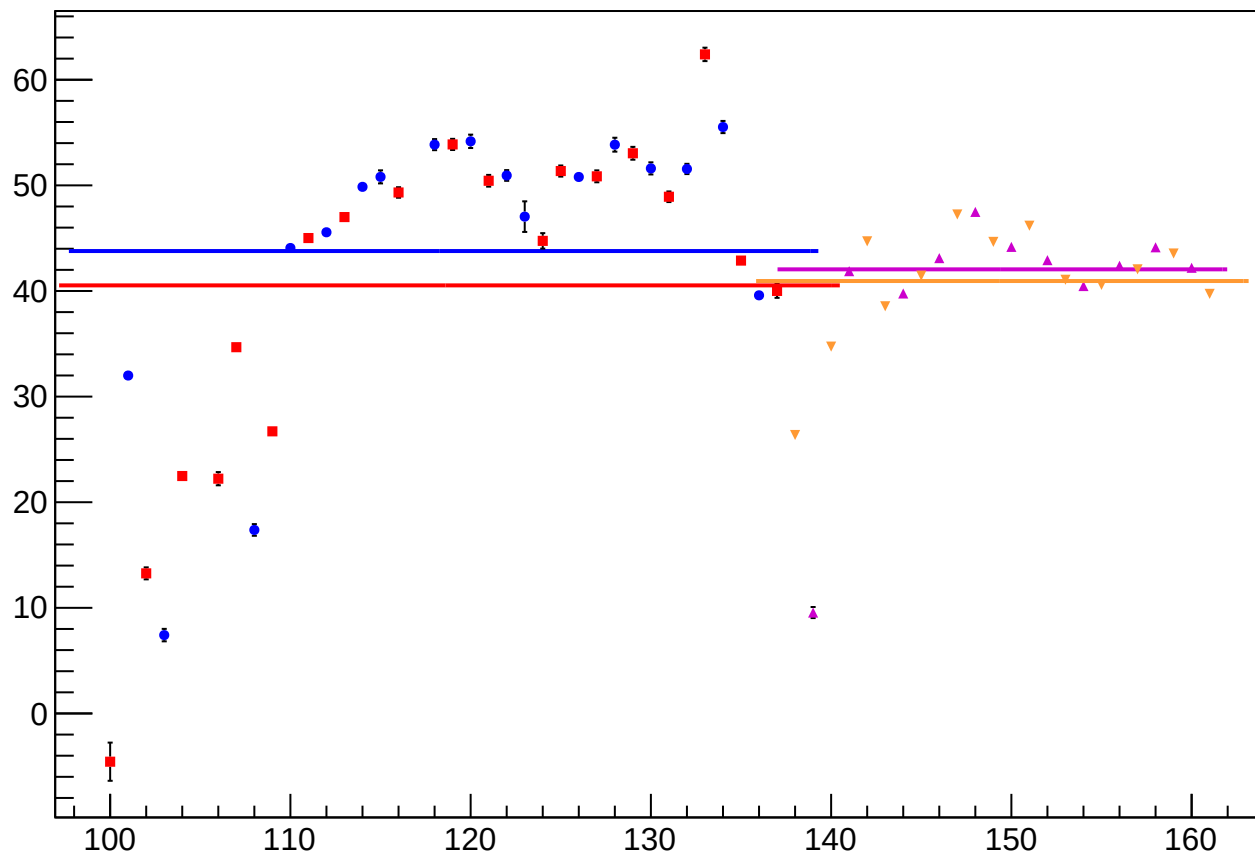
Left In: -38.406 $\pm$ 0.092 χ^2/NDF : 1346.5/10

+ sign -39.586 $\pm$ 0.070 χ^2/NDF : 27723.4/29

All: -41.048 $\pm$ 0.049 χ^2/NDF : 46381.4/59

- sign -42.503 $\pm$ 0.070 χ^2/NDF : 17785.3/29

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 ± 0.087 $\chi^2/\text{NDF}: 10638.7/16$

Left Out: 40.943 ± 0.070 $\chi^2/\text{NDF}: 4823.1/12$

Right Out: 40.530 ± 0.080 $\chi^2/\text{NDF}: 17580.7/18$

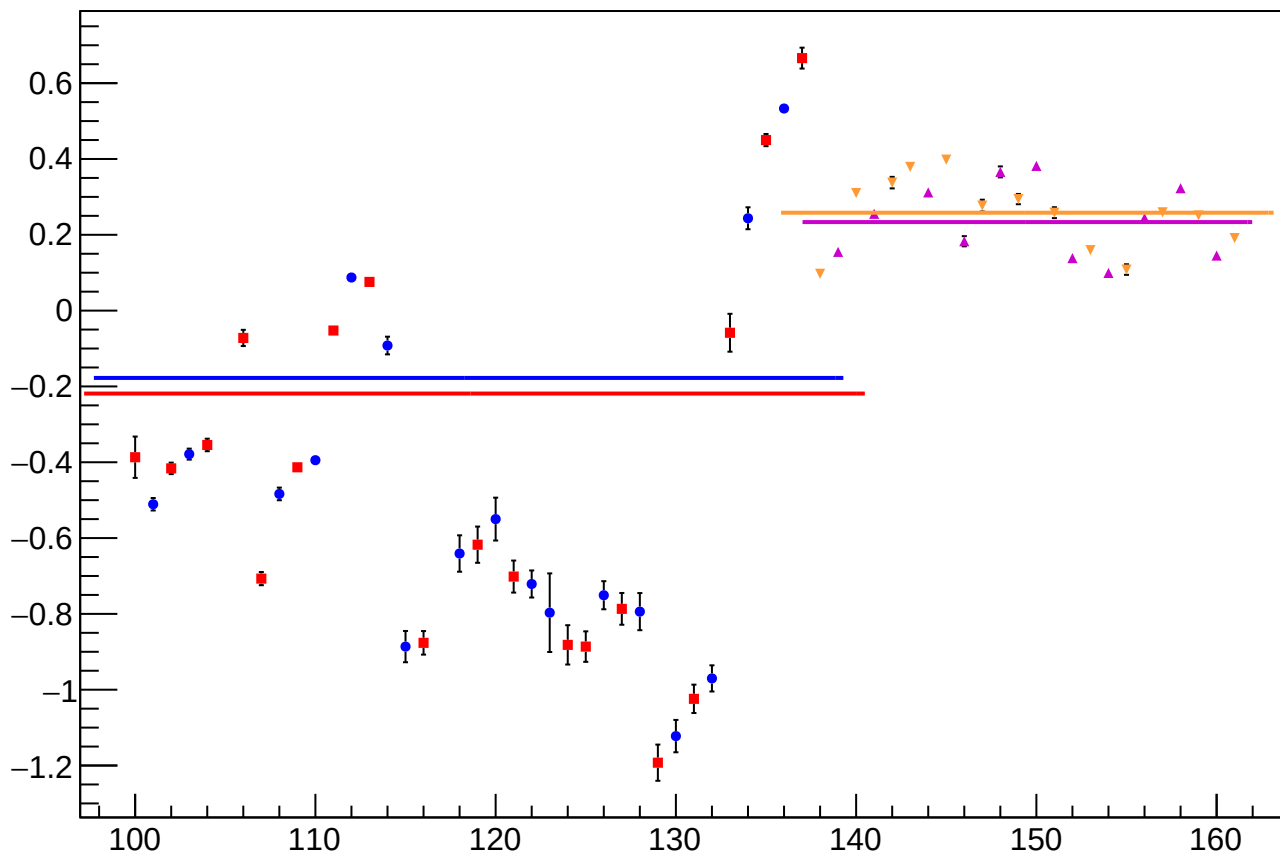
Left In: 42.048 ± 0.077 $\chi^2/\text{NDF}: 4665.4/10$

+ sign 42.060 ± 0.054 $\chi^2/\text{NDF}: 16113.2/29$

All: 41.699 ± 0.039 $\chi^2/\text{NDF}: 38636.7/59$

- sign 41.324 ± 0.055 $\chi^2/\text{NDF}: 22433.5/29$

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.258 ± 0.003 χ^2/NDF : 764.1/12

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

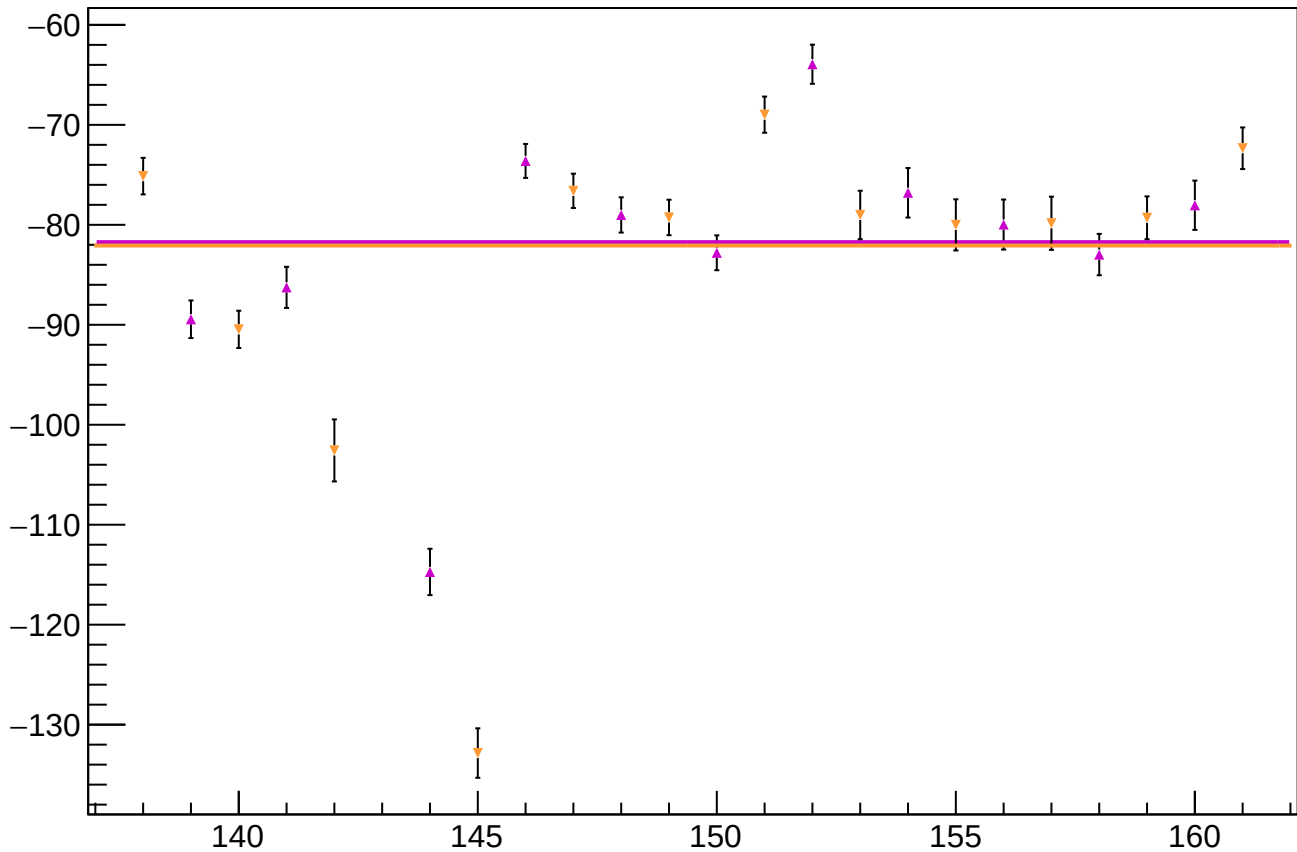
Left In: 0.234 ± 0.004 χ^2/NDF : 644.9/10

+ sign 0.119 ± 0.003 χ^2/NDF : 13659.2/29

All: 0.083 ± 0.002 χ^2/NDF : 28617.5/59

- sign 0.047 ± 0.003 χ^2/NDF : 14621.8/29

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -82.073+/-0.605 χ^2/NDF : 590.3/11

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

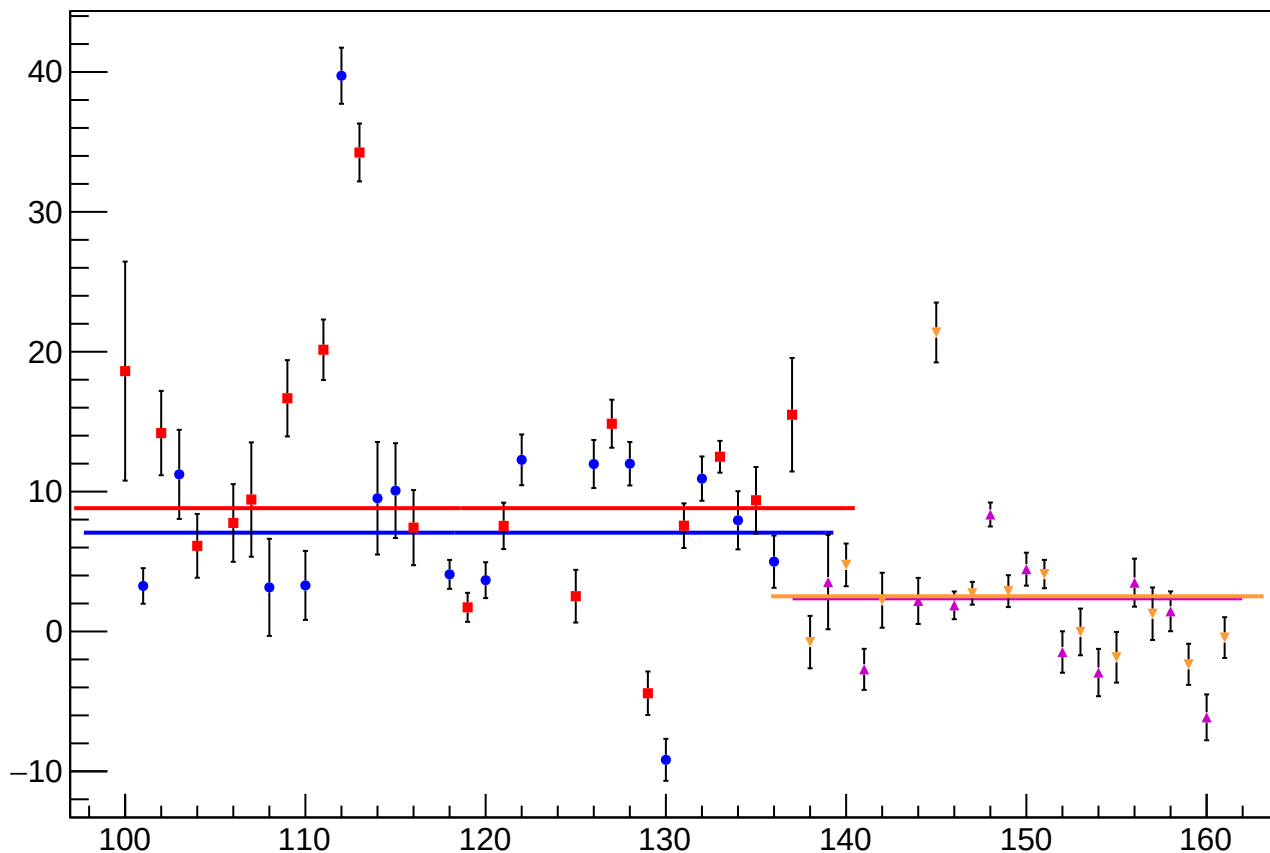
Left In: -81.734+/-0.611 χ^2/NDF : 339.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.905+/-0.430 χ^2/NDF : 930.1/22

- 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: 2.515 ± 0.398 χ^2/NDF : 109.2/11

Right Out: 8.816 ± 0.449 χ^2/NDF : 350.4/17

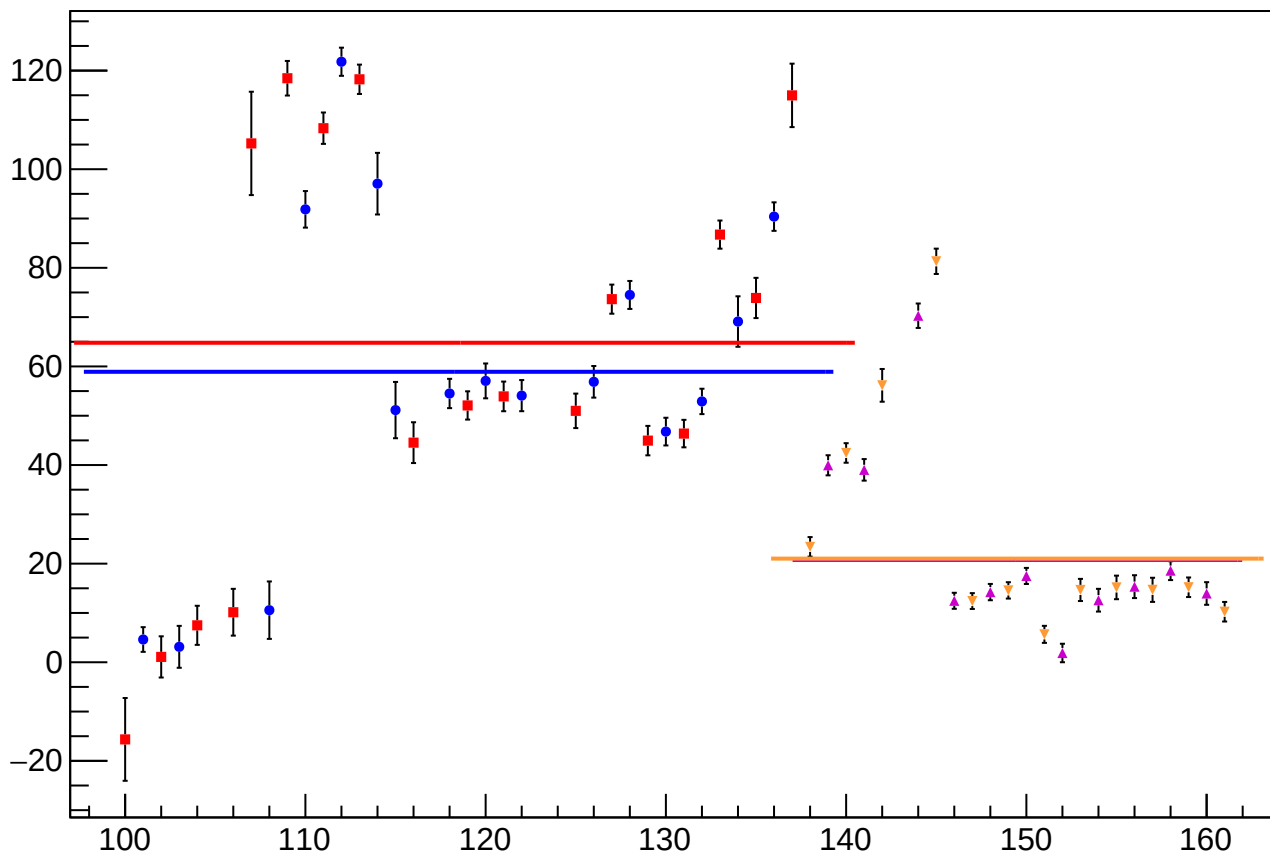
Left In: 2.369 ± 0.407 χ^2/NDF : 108.8/10

+ sign 4.594 ± 0.293 χ^2/NDF : 615.8/27

All: 4.926 ± 0.210 χ^2/NDF : 1190.7/56

- sign 5.279 ± 0.302 χ^2/NDF : 572.3/28

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 ± 0.831 $\chi^2/\text{NDF}: 1496.7/15$

Left Out: 21.022 ± 0.589 $\chi^2/\text{NDF}: 962.6/11$

Right Out: 64.803 ± 0.840 $\chi^2/\text{NDF}: 1718.2/17$

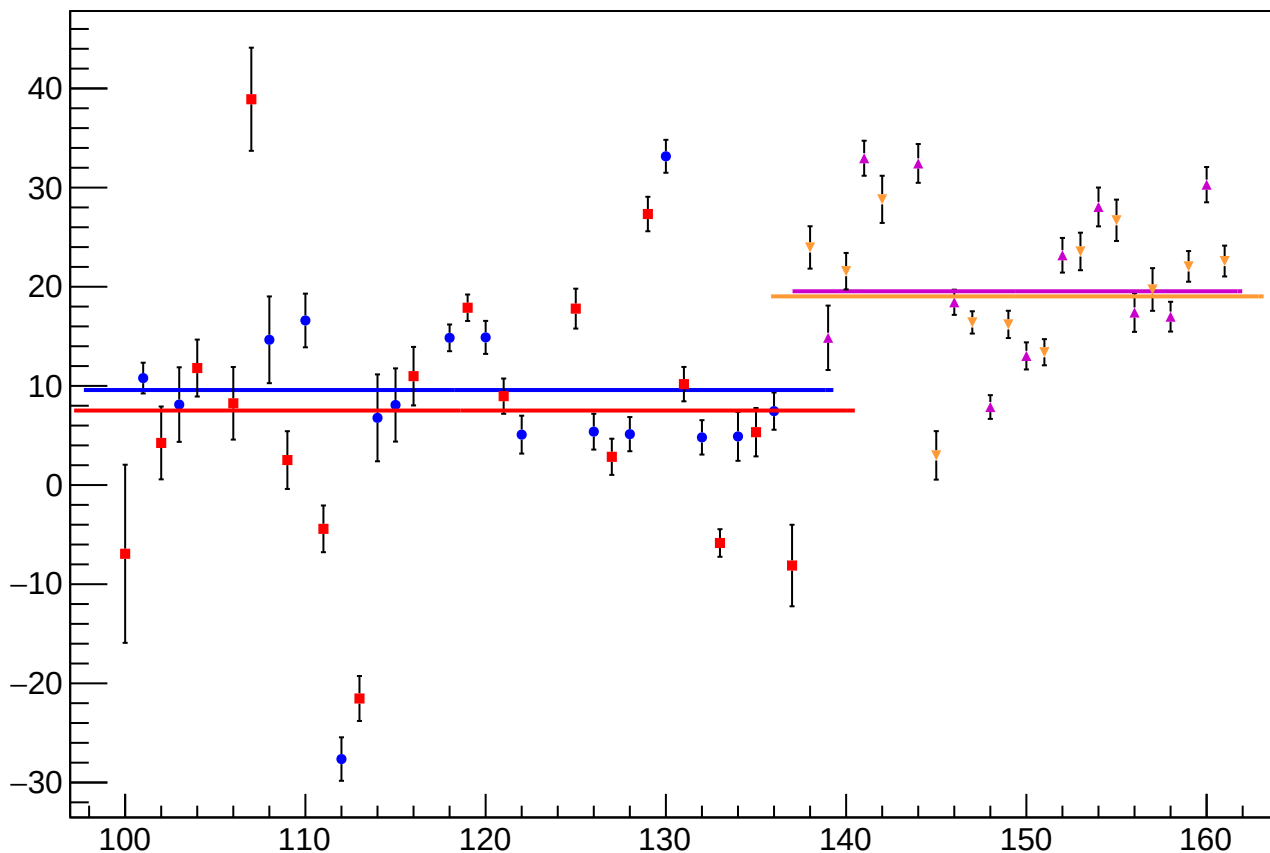
Left In: 20.738 ± 0.592 $\chi^2/\text{NDF}: 732.8/10$

+ sign 33.681 ± 0.481 $\chi^2/\text{NDF}: 3842.4/27$

All: 34.511 ± 0.341 $\chi^2/\text{NDF}: 8137.5/56$

- sign 35.352 ± 0.484 $\chi^2/\text{NDF}: 4289.1/28$

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 19.028 ± 0.482 χ^2/NDF : 123.5/11

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

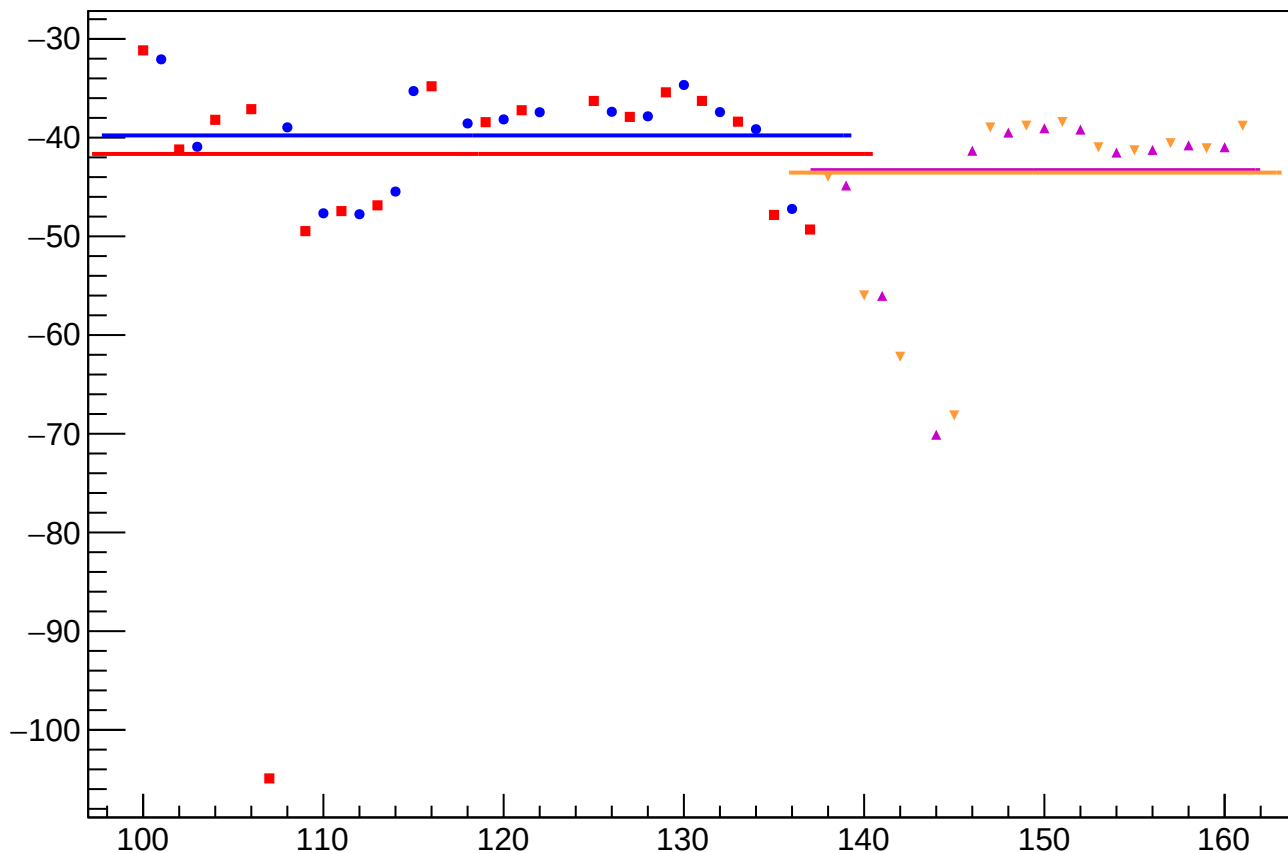
Left In: 19.544 ± 0.491 χ^2/NDF : 285.8/10

+ sign 14.492 ± 0.347 χ^2/NDF : 862.6/27

All: 14.164 ± 0.249 χ^2/NDF : 2005.1/56

- sign 13.819 ± 0.356 χ^2/NDF : 1140.7/28

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -43.542 ± 0.023 χ^2/NDF : 119796.8/11

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

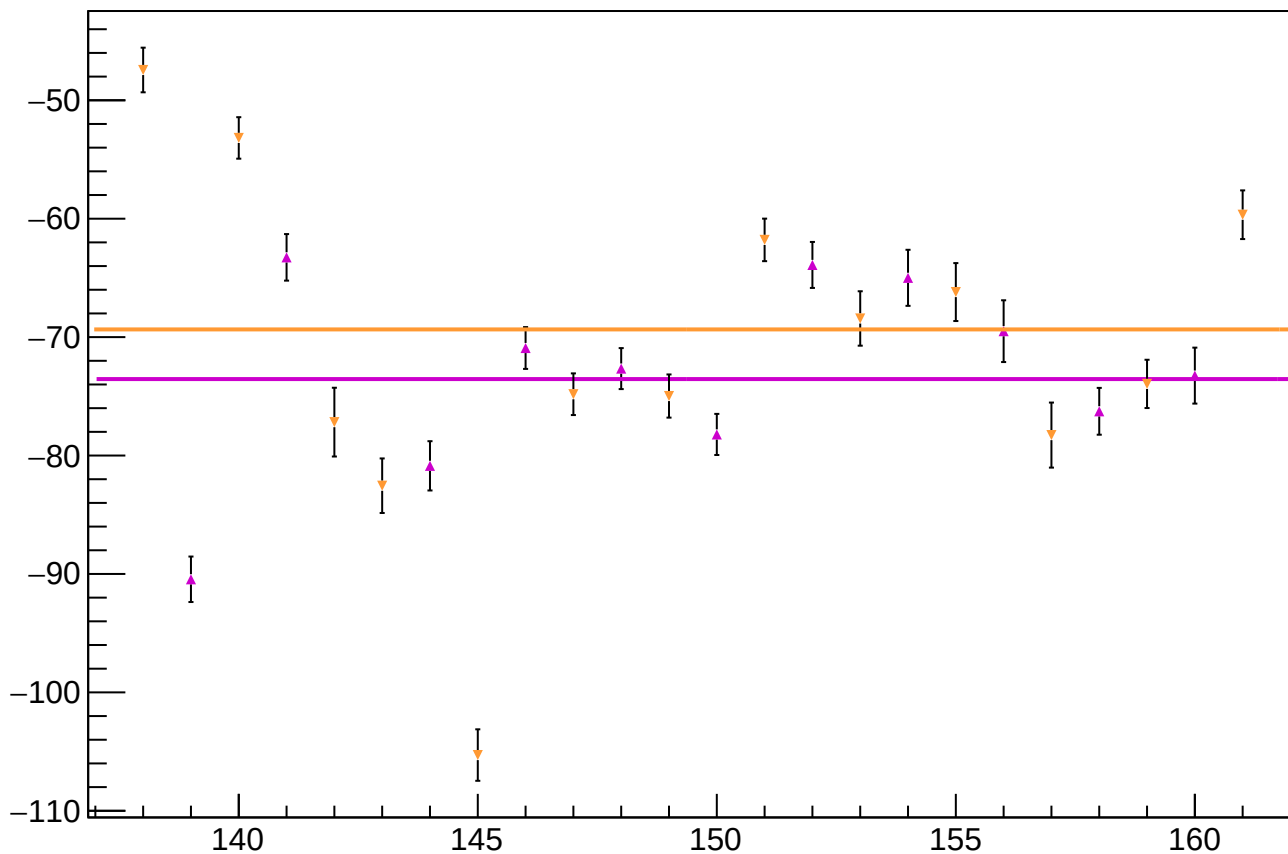
Left In: -43.294 ± 0.023 χ^2/NDF : 95564.9/10

+ sign -42.179 ± 0.019 χ^2/NDF : 155326.9/27

All: -42.443 ± 0.013 χ^2/NDF : 347530.6/56

- sign -42.706 ± 0.019 χ^2/NDF : 191804.8/28

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.350+/-0.575 χ^2/NDF : 610.4/12

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

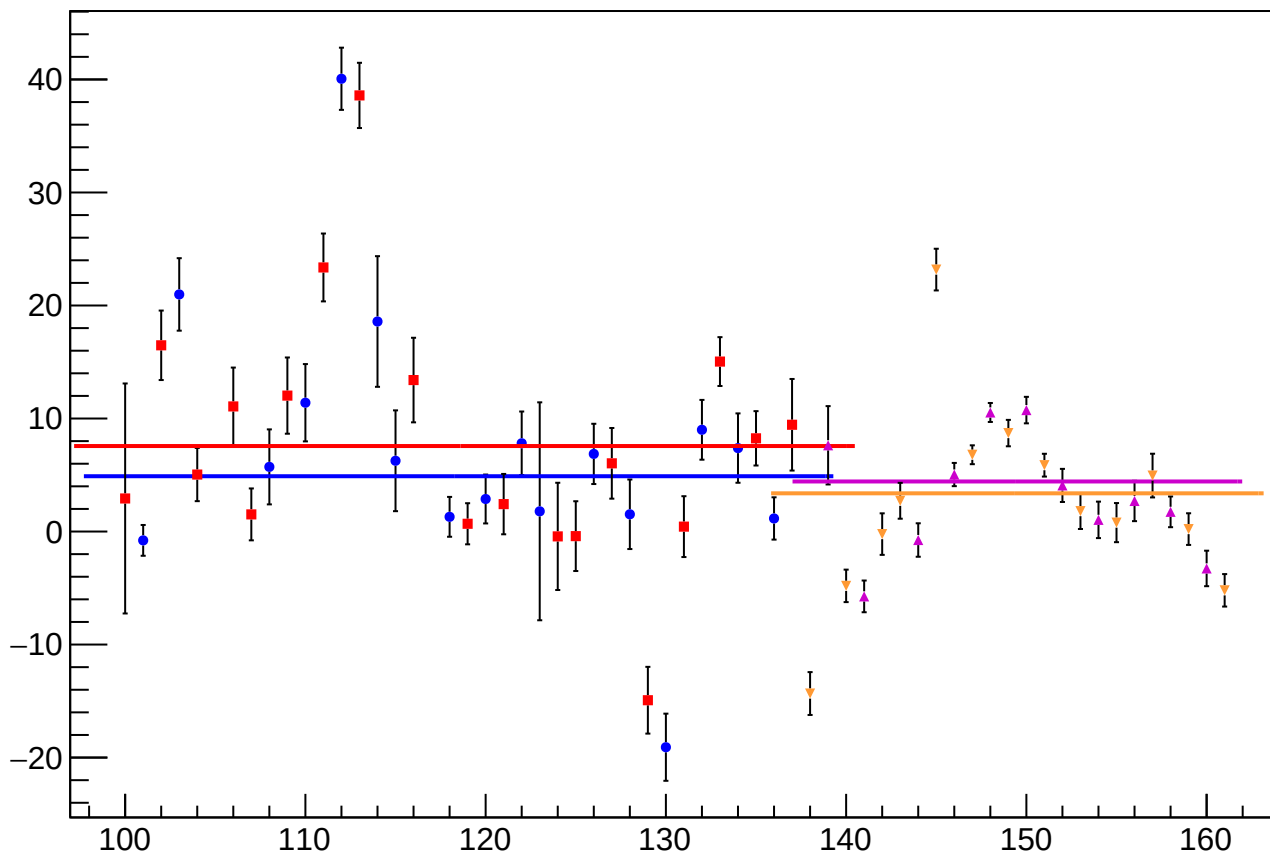
Left In: -73.543+/-0.600 χ^2/NDF : 169.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.355+/-0.415 χ^2/NDF : 804.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 3.381 ± 0.381 χ^2/NDF : 327.3/12

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

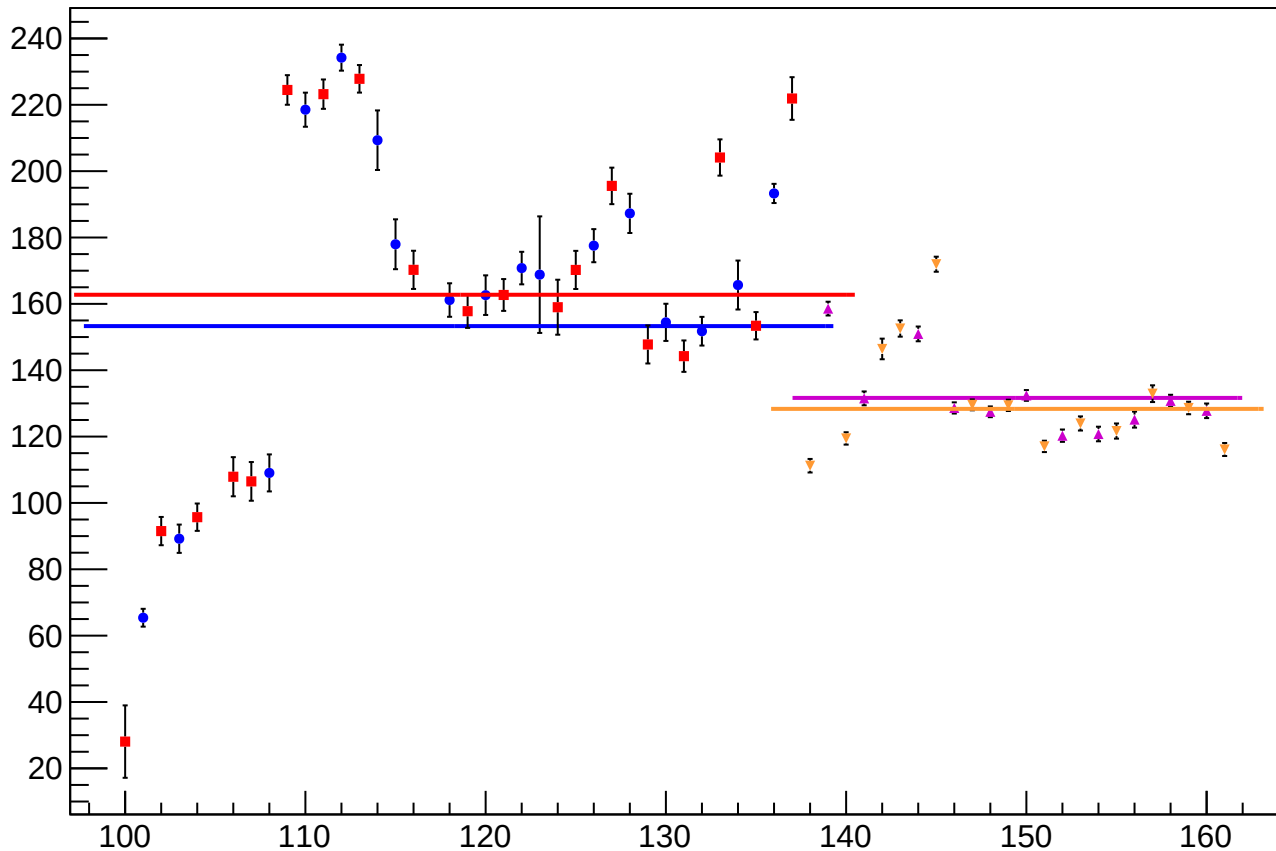
Left In: 4.430 ± 0.400 χ^2/NDF : 181.2/10

+ sign 3.794 ± 0.325 χ^2/NDF : 626.9/29

All: 4.505 ± 0.235 χ^2/NDF : 1105.2/59

- sign 5.288 ± 0.341 χ^2/NDF : 468.2/29

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 128.352 $\pm$ 0.563 χ^2 /NDF: 692.5/12

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

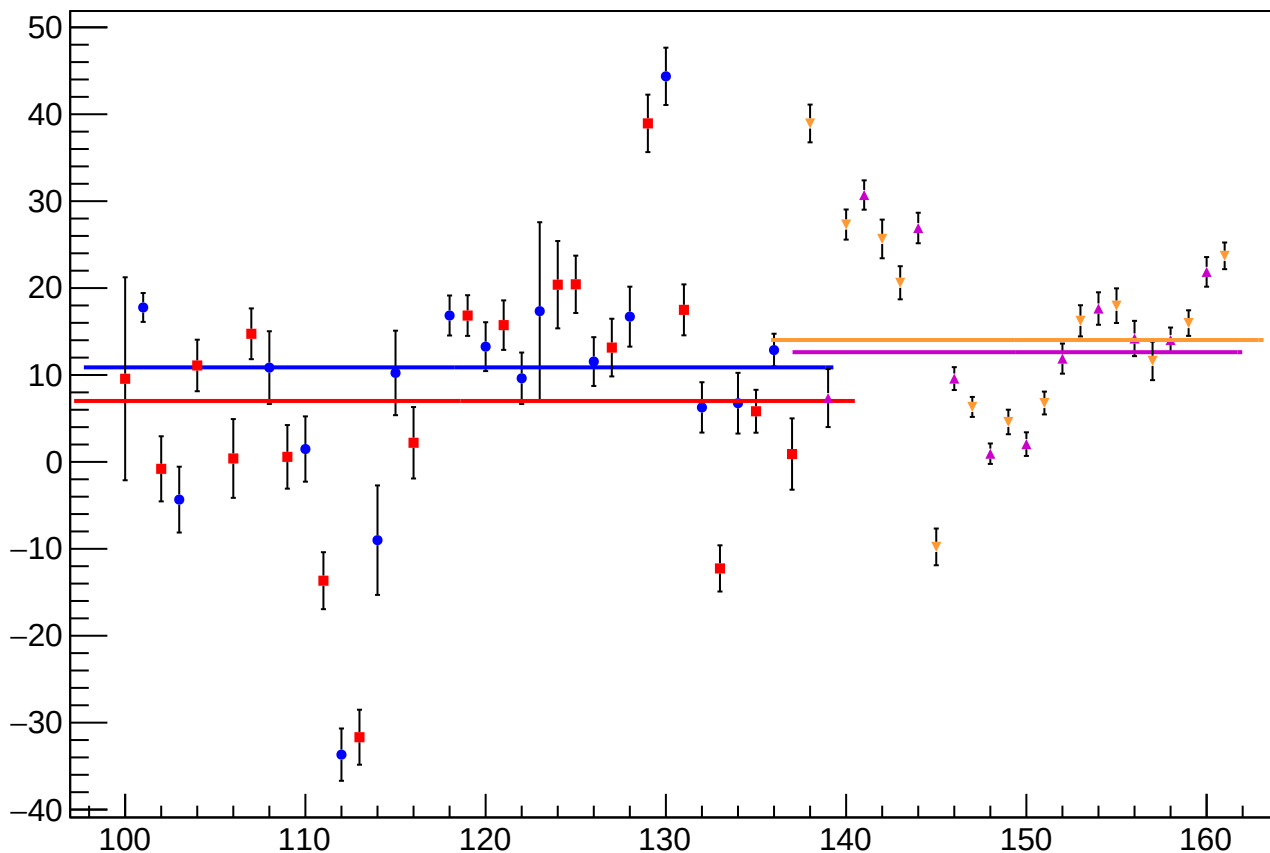
Left In: 131.653 $\pm$ 0.583 χ^2 /NDF: 325.5/10

+ sign 133.213 $\pm$ 0.505 χ^2 /NDF: 3341.6/29

All: 135.419 $\pm$ 0.363 χ^2 /NDF: 5976.1/59

- sign 137.774 $\pm$ 0.522 χ^2 /NDF: 2595.1/29

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 ± 0.713 $\chi^2/\text{NDF}: 388.1/16$

Left Out: 14.024 ± 0.459 $\chi^2/\text{NDF}: 524.9/12$

Right Out: 7.014 ± 0.748 $\chi^2/\text{NDF}: 424.5/18$

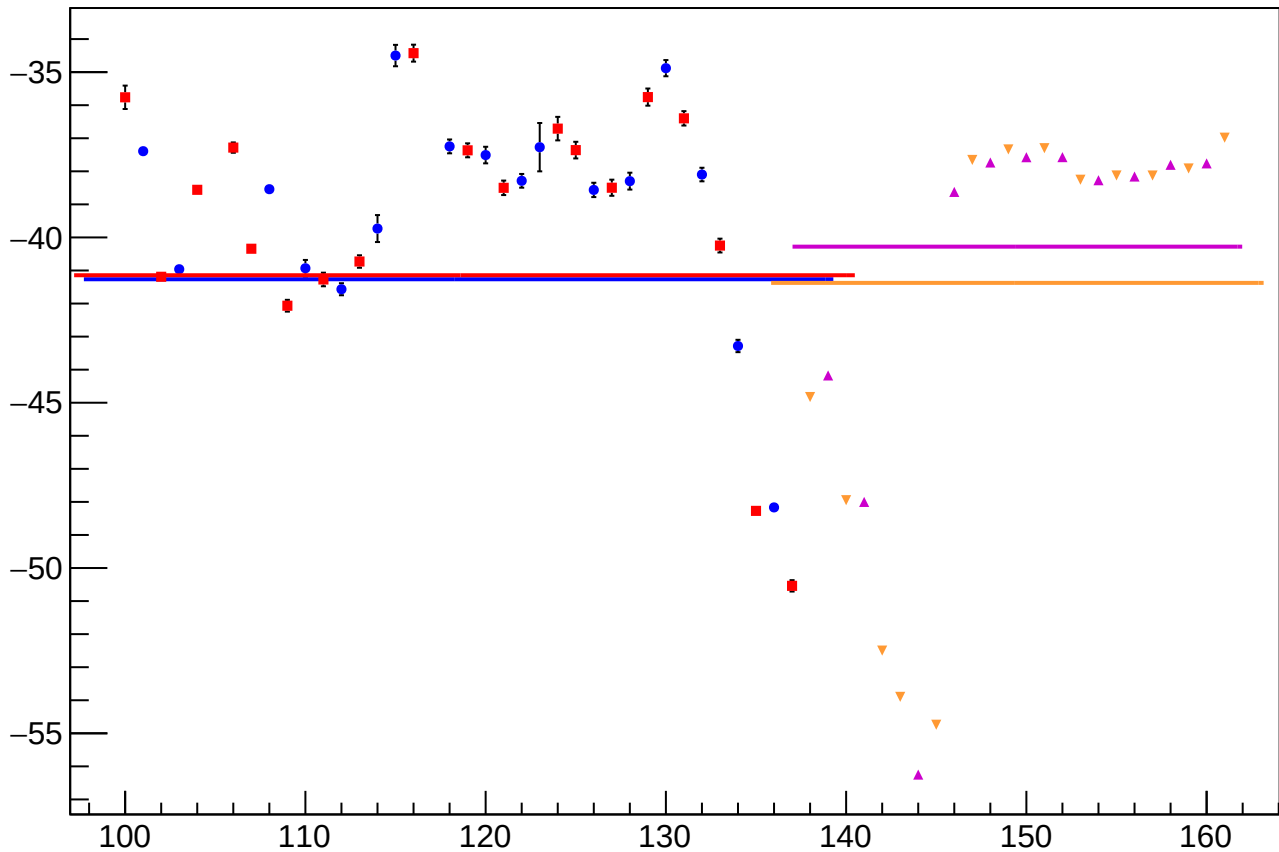
Left In: 12.625 ± 0.482 $\chi^2/\text{NDF}: 386.6/10$

+ sign 13.101 ± 0.386 $\chi^2/\text{NDF}: 926.7/29$

All: 12.091 ± 0.280 $\chi^2/\text{NDF}: 1791.9/59$

- sign 10.978 ± 0.405 $\chi^2/\text{NDF}: 850.9/29$

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 χ^2/NDF : 12570.1/16

Left Out: -41.375 ± 0.022 χ^2/NDF : 73933.4/12

Right Out: -41.144 ± 0.039 χ^2/NDF : 12218.7/18

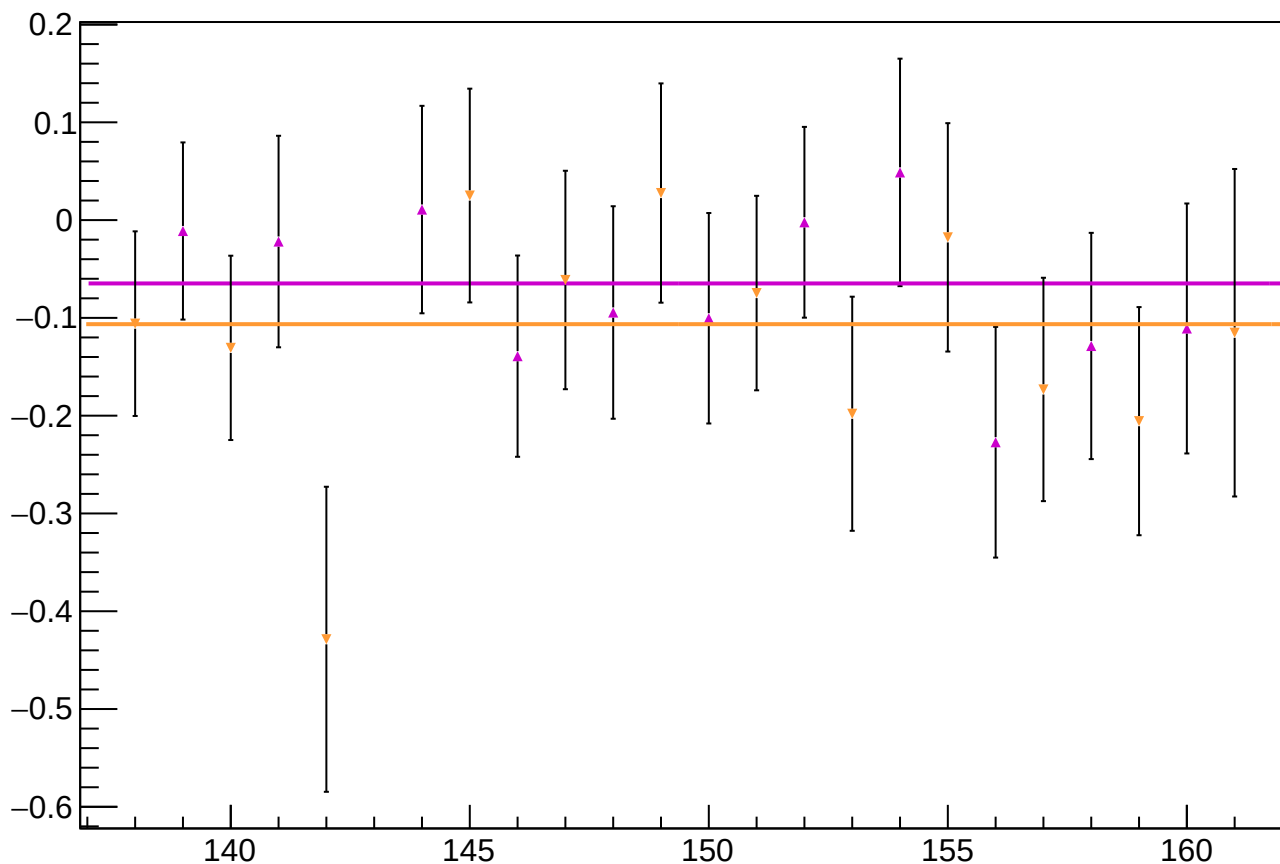
Left In: -40.279 ± 0.023 χ^2/NDF : 46519.9/10

+ sign -41.347 ± 0.019 χ^2/NDF : 86509.5/29

All: -40.934 ± 0.014 χ^2/NDF : 146552.3/59

- sign -40.504 ± 0.020 χ^2/NDF : 59109.6/29

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.106+/-0.033 χ^2/NDF : 9.7/11

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

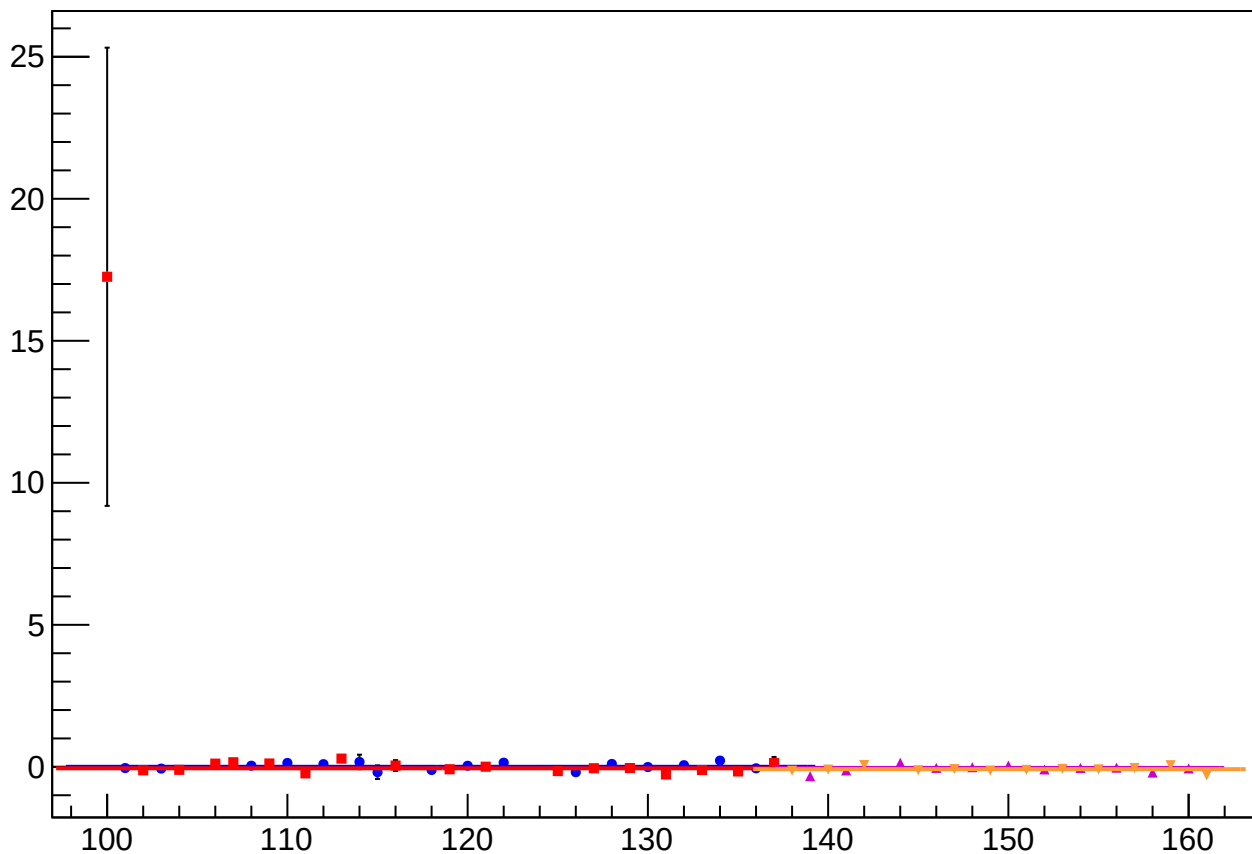
Left In: -0.065+/-0.032 χ^2/NDF : 5.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.086+/-0.023 χ^2/NDF : 15.9/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.082 ± 0.022 χ^2/NDF : 9.9/11

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

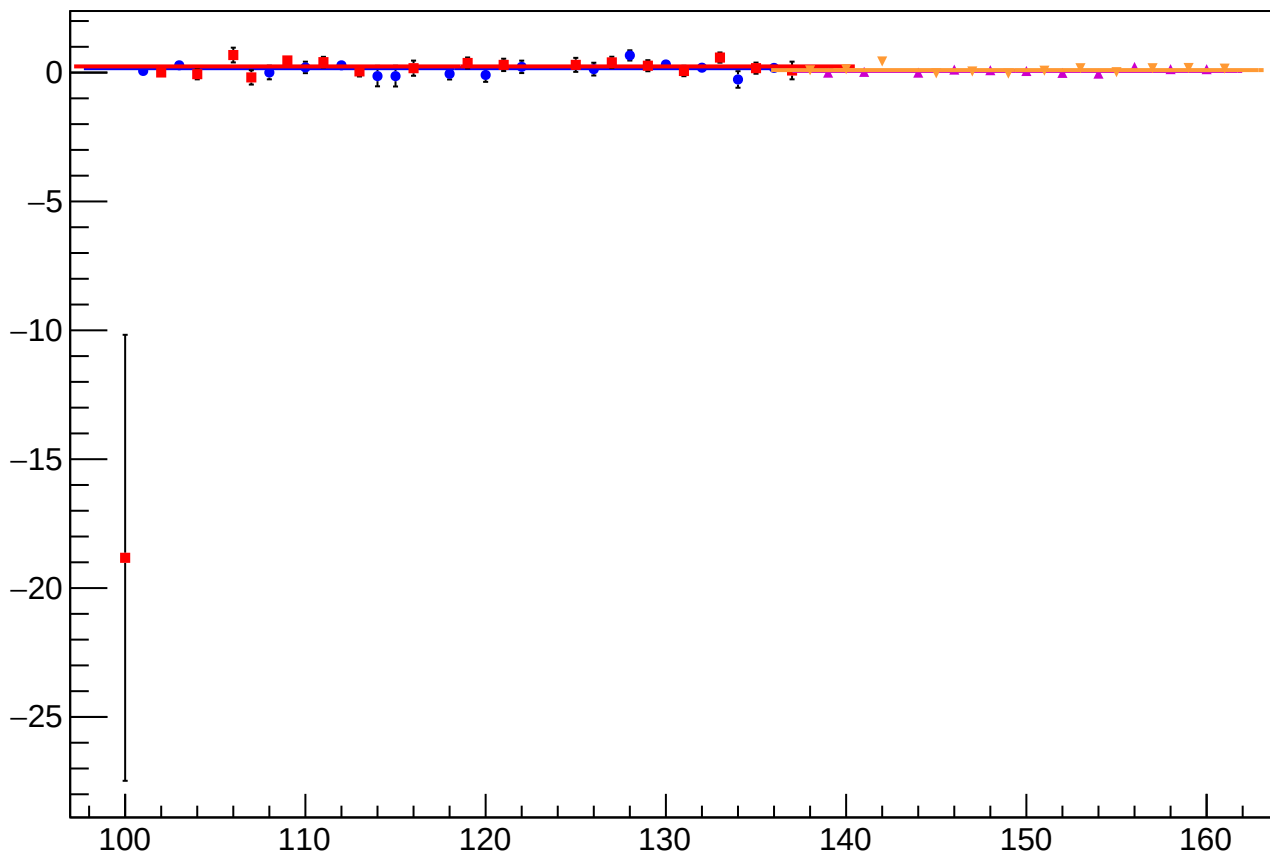
Left In: -0.040 ± 0.022 χ^2/NDF : 16.5/10

+ sign -0.050 ± 0.018 χ^2/NDF : 27.8/27

All: -0.047 ± 0.013 χ^2/NDF : 70.2/56

- sign -0.044 ± 0.018 χ^2/NDF : 42.4/28

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 ± 0.052 χ^2/NDF : 13.7/15

Left Out: 0.096 ± 0.032 χ^2/NDF : 9.5/11

Right Out: 0.239 ± 0.054 χ^2/NDF : 21.8/17

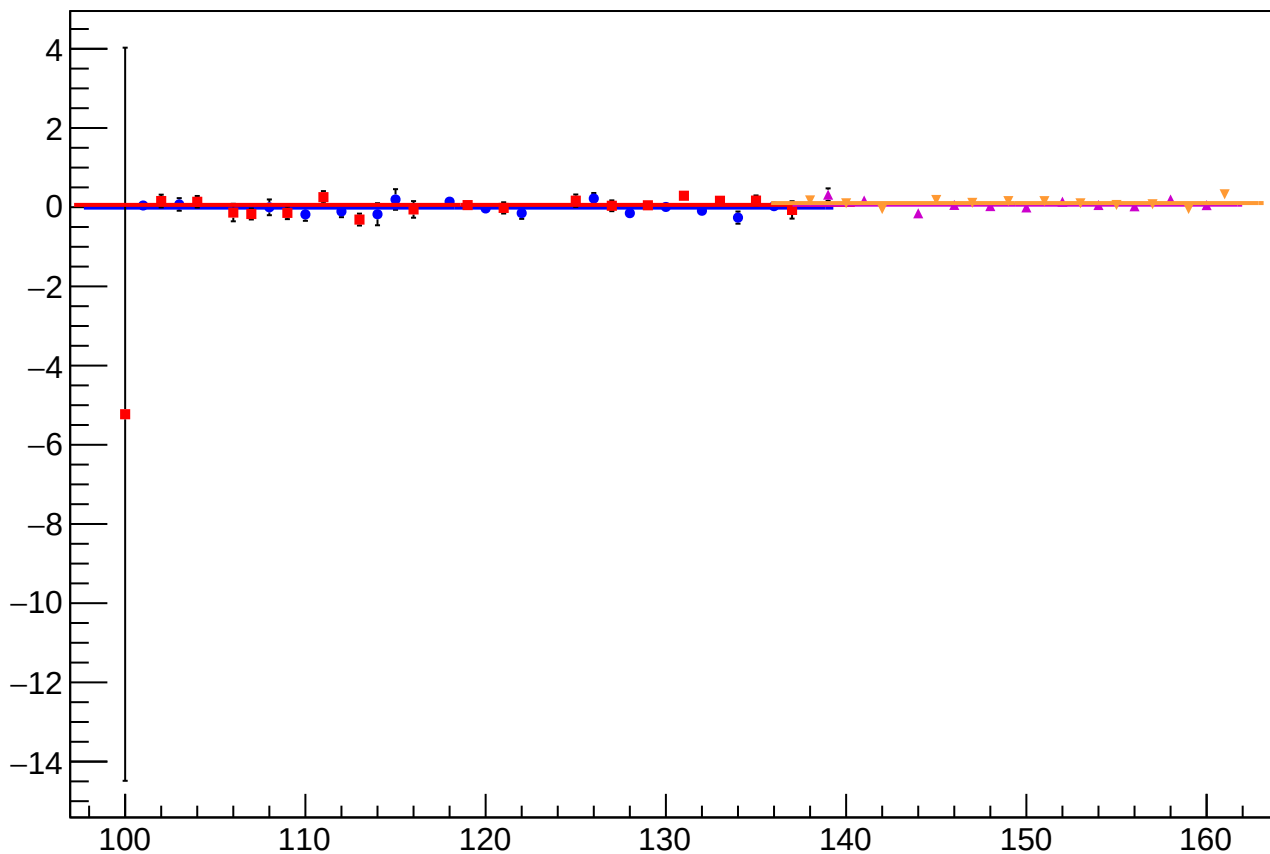
Left In: 0.064 ± 0.032 χ^2/NDF : 5.6/10

+ sign 0.116 ± 0.027 χ^2/NDF : 24.7/27

All: 0.112 ± 0.019 χ^2/NDF : 60.0/56

- sign 0.109 ± 0.027 χ^2/NDF : 35.3/28

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.104 ± 0.027 χ^2/NDF : 9.8/11

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

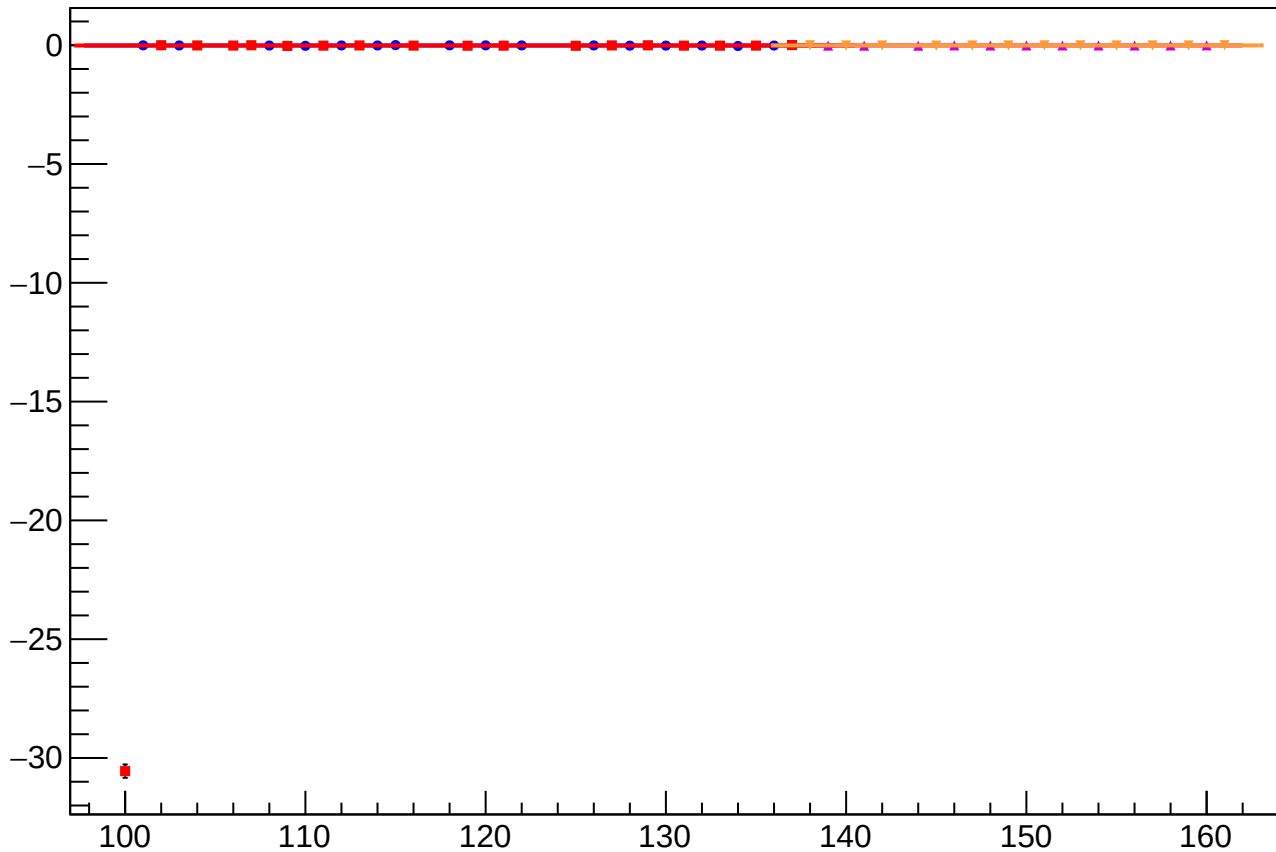
Left In: 0.063 ± 0.027 χ^2/NDF : 14.0/10

+ sign 0.058 ± 0.021 χ^2/NDF : 31.1/27

All: 0.060 ± 0.015 χ^2/NDF : 65.7/56

- sign 0.062 ± 0.021 χ^2/NDF : 34.6/28

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: 10.3/11

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

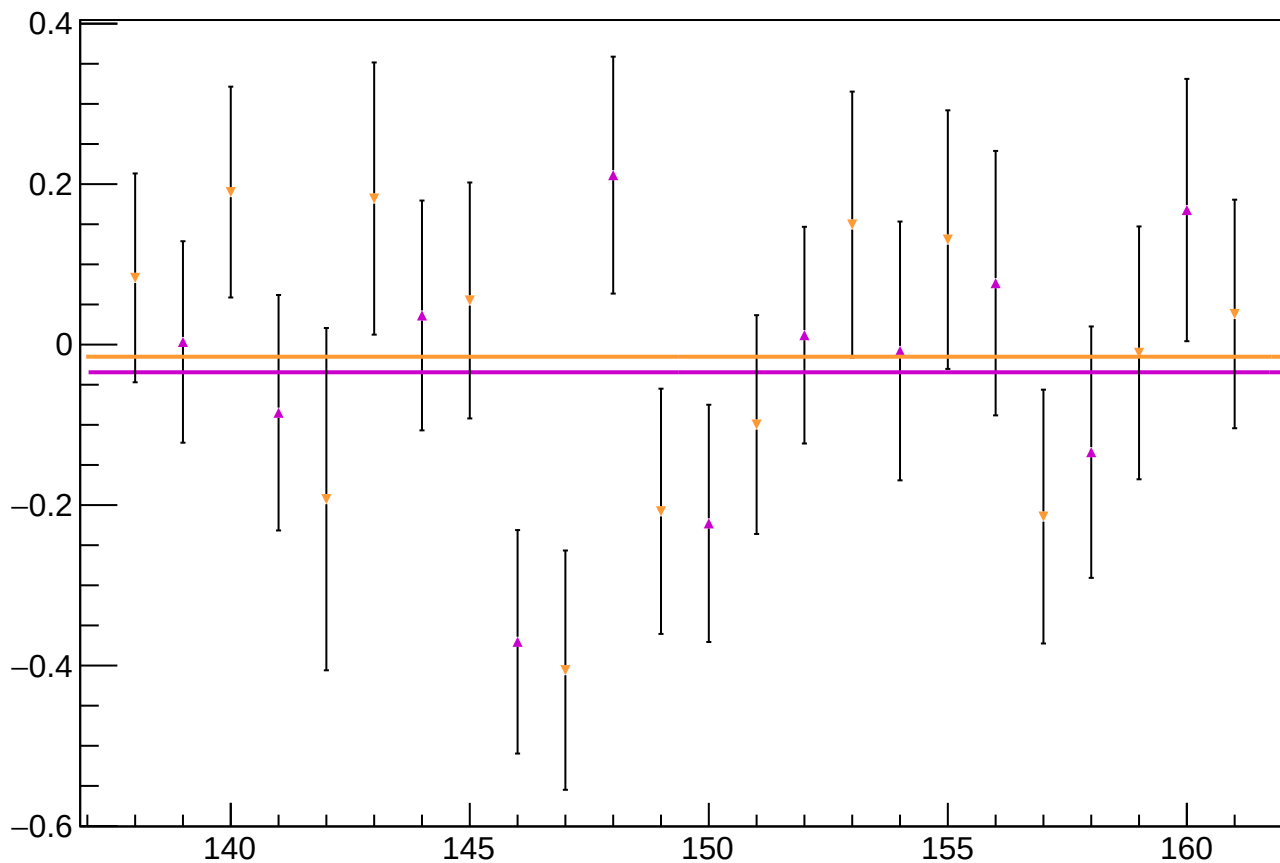
Left In: -0.011 $\pm$ 0.001 χ^2 /NDF: 11.2/10

+ sign -0.010 $\pm$ 0.001 χ^2 /NDF: 25.6/27

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11930.1/56

- sign -0.011 $\pm$ 0.001 χ^2 /NDF: 11903.1/28

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.015 $\pm$ 0.042 χ^2 /NDF:17.7/12

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

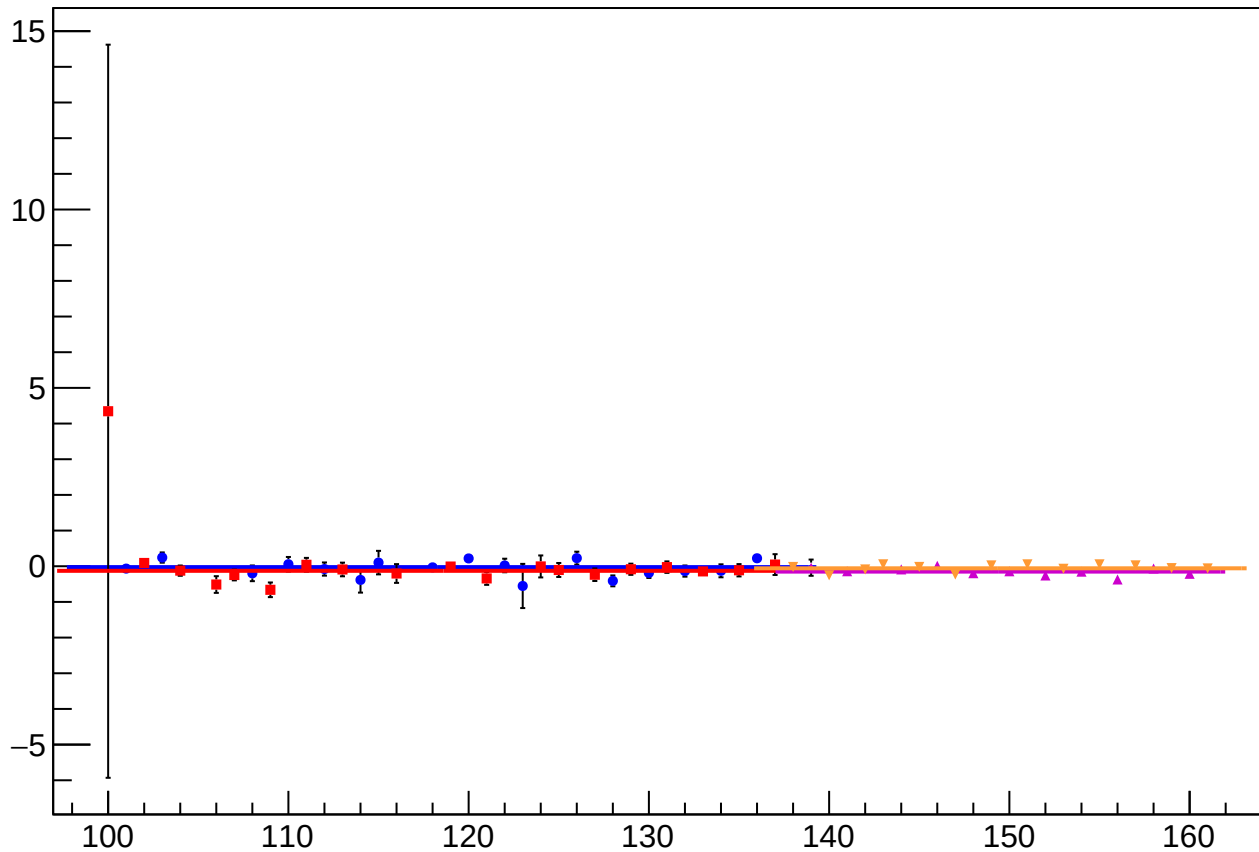
Left In: -0.034 $\pm$ 0.044 χ^2 /NDF:13.2/10

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

All: -0.024 $\pm$ 0.030 χ^2 /NDF: 31.0/23

- 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: -0.058 ± 0.029 χ^2/NDF : 14.7/12

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

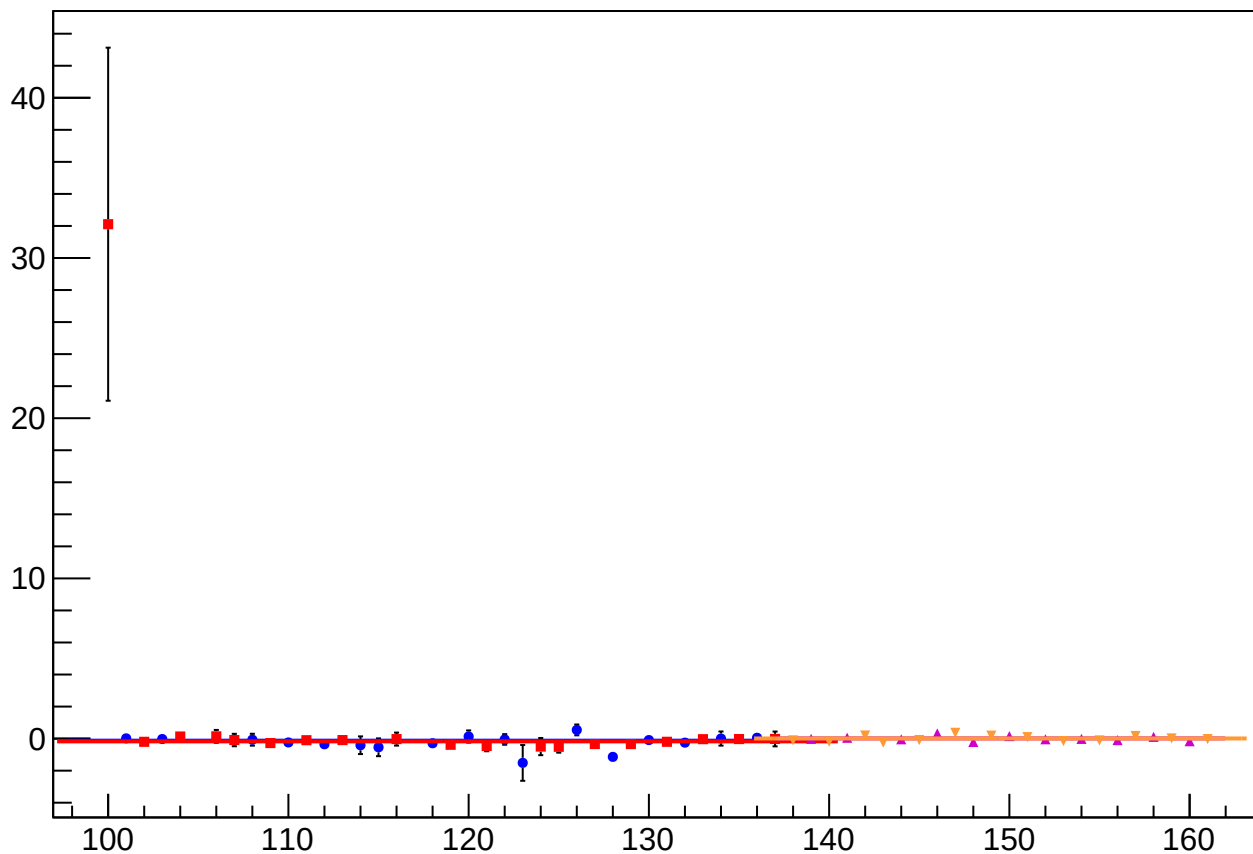
Left In: -0.150 ± 0.031 χ^2/NDF : 10.7/10

+ sign -0.045 ± 0.023 χ^2/NDF : 38.6/29

All: -0.090 ± 0.016 χ^2/NDF : 75.7/59

- sign -0.142 ± 0.024 χ^2/NDF : 28.5/29

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.009 ± 0.041 χ^2/NDF : 17.3/12

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

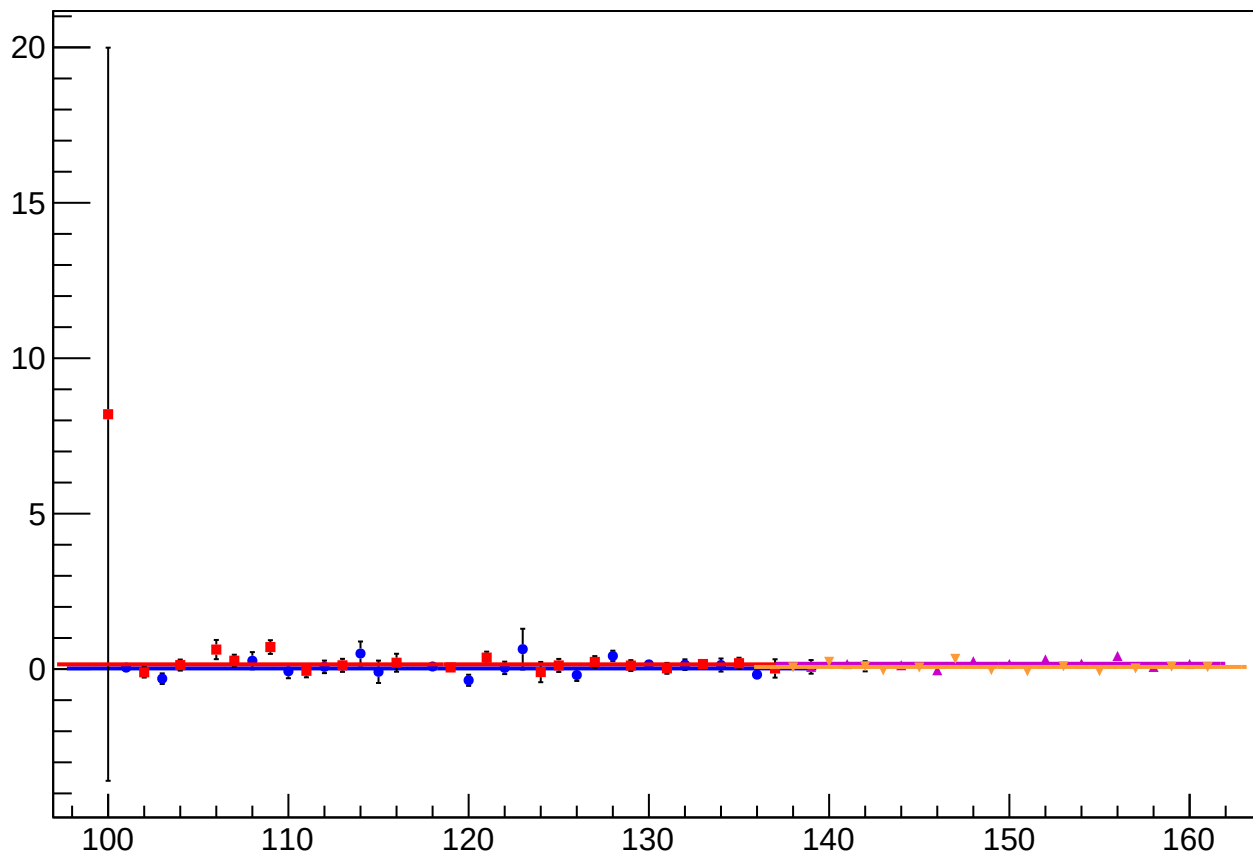
Left In: 0.012 ± 0.043 χ^2/NDF : 11.8/10

+ sign -0.029 ± 0.035 χ^2/NDF : 44.1/29

All: -0.033 ± 0.025 χ^2/NDF : 75.9/59

- sign -0.038 ± 0.037 χ^2/NDF : 31.7/29

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.069 ± 0.034 χ^2/NDF : 13.3/12

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

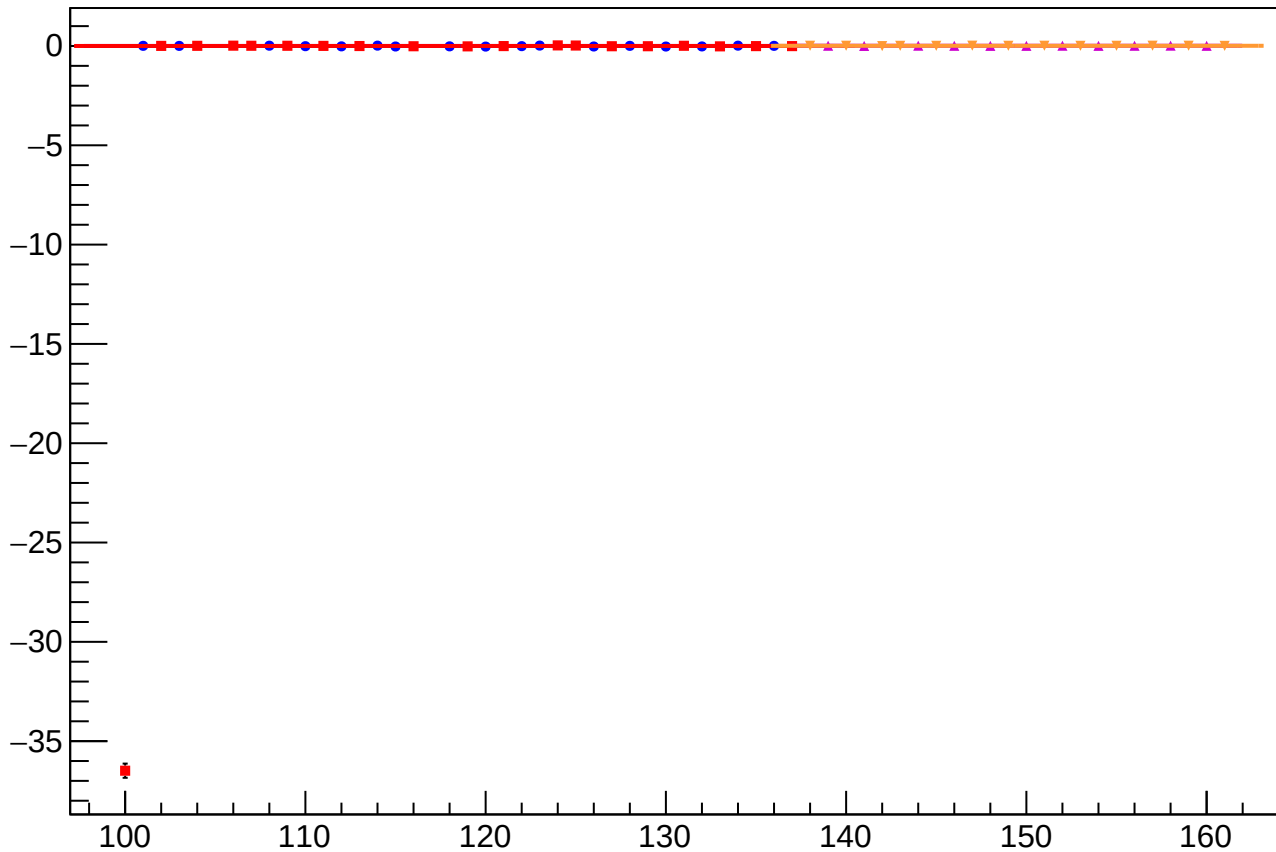
Left In: 0.171 ± 0.036 χ^2/NDF : 10.9/10

+ sign 0.050 ± 0.027 χ^2/NDF : 36.6/29

All: 0.103 ± 0.019 χ^2/NDF : 72.3/59

- sign 0.163 ± 0.028 χ^2/NDF : 27.3/29

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF : 32.4/16

Left Out: 0.010+/-0.002 χ^2/NDF : 6.5/12

Right Out: 0.001+/-0.002 χ^2/NDF : 10449.1/18

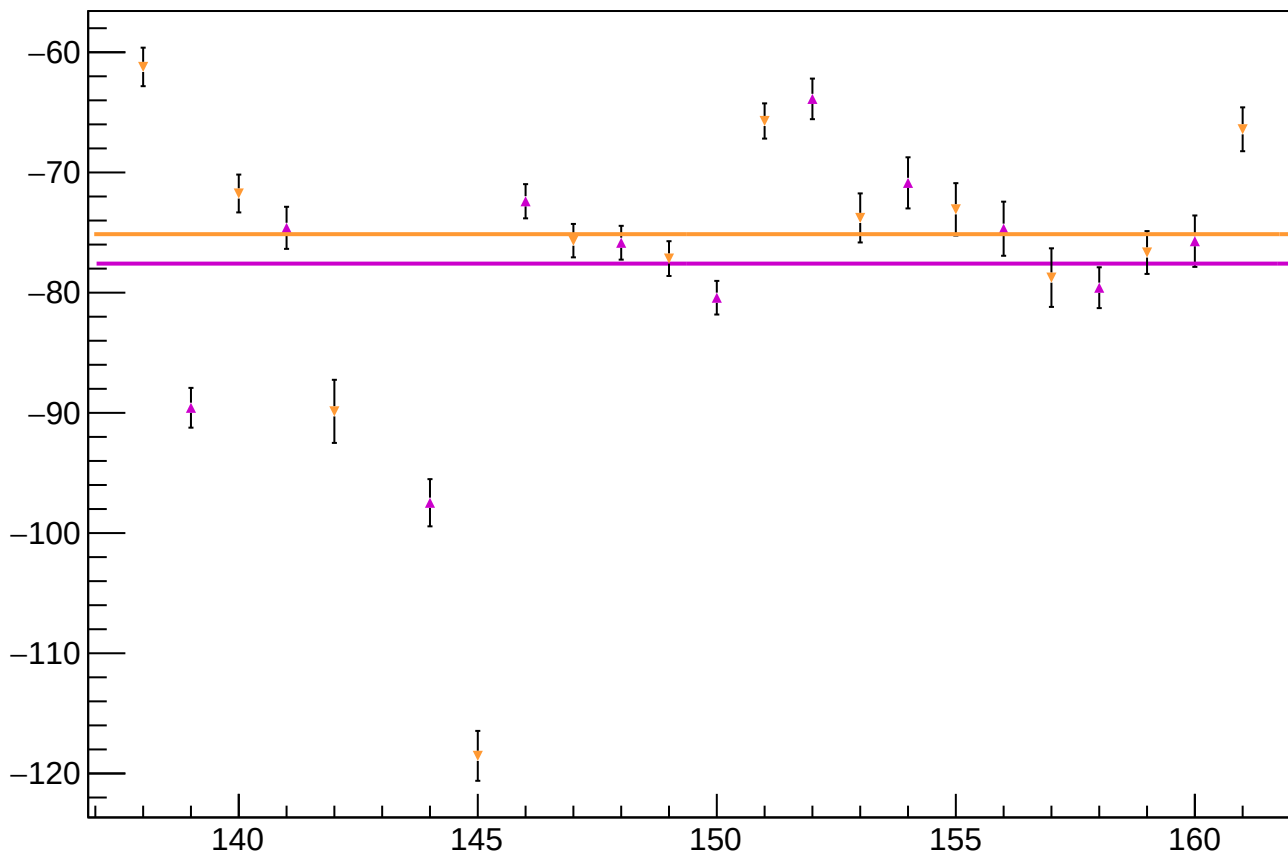
Left In: 0.011+/-0.002 χ^2/NDF : 4.9/10

+ sign 0.007+/-0.001 χ^2/NDF : 49.9/29

All: 0.007+/-0.001 χ^2/NDF : 10517.0/59

- sign 0.008+/-0.001 χ^2/NDF : 10467.1/29

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -75.134+/-0.509 χ^2/NDF : 619.3/11

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

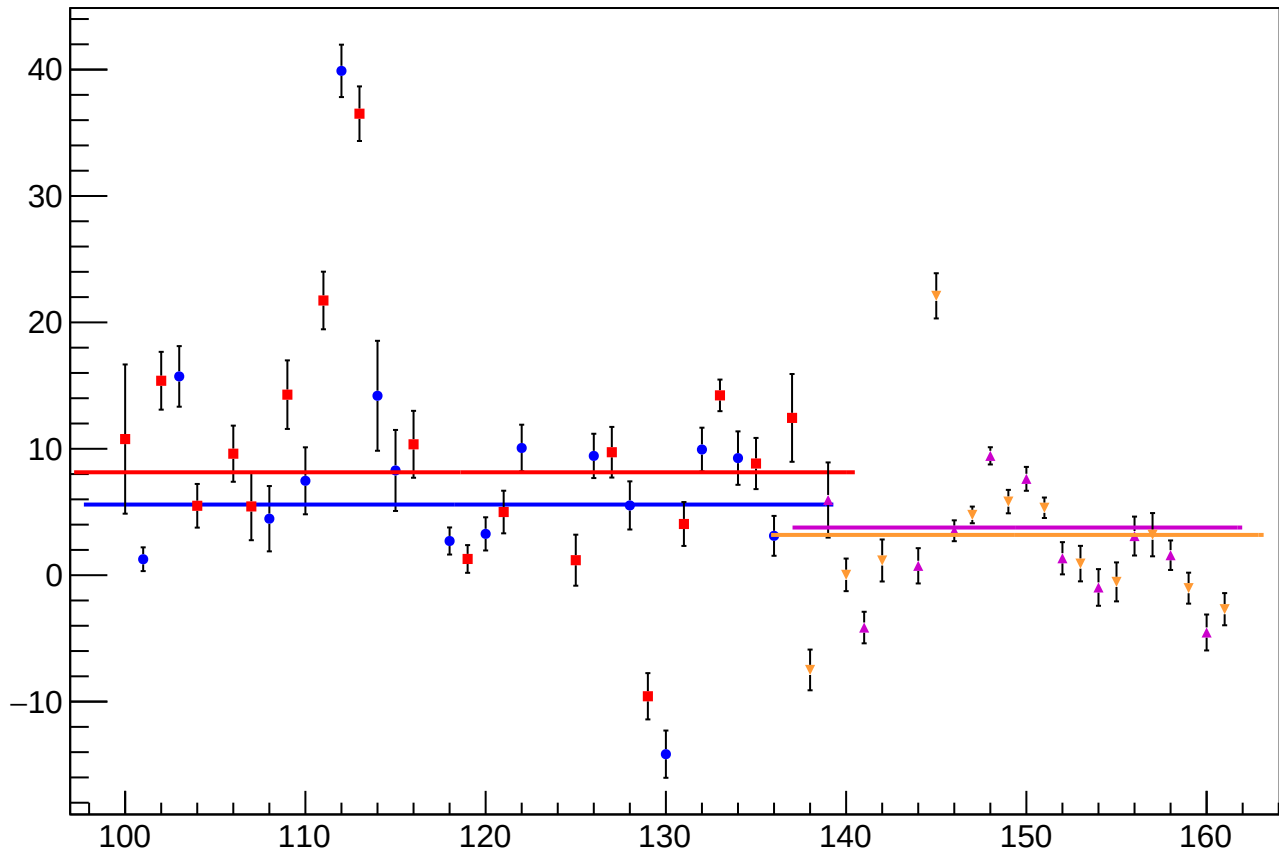
Left In: -77.583+/-0.513 χ^2/NDF : 256.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.347+/-0.361 χ^2/NDF : 887.5/22

- 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: 3.187 ± 0.330 $\chi^2/\text{NDF}: 225.8/11$

Right Out: 8.142 ± 0.454 $\chi^2/\text{NDF}: 407.7/17$

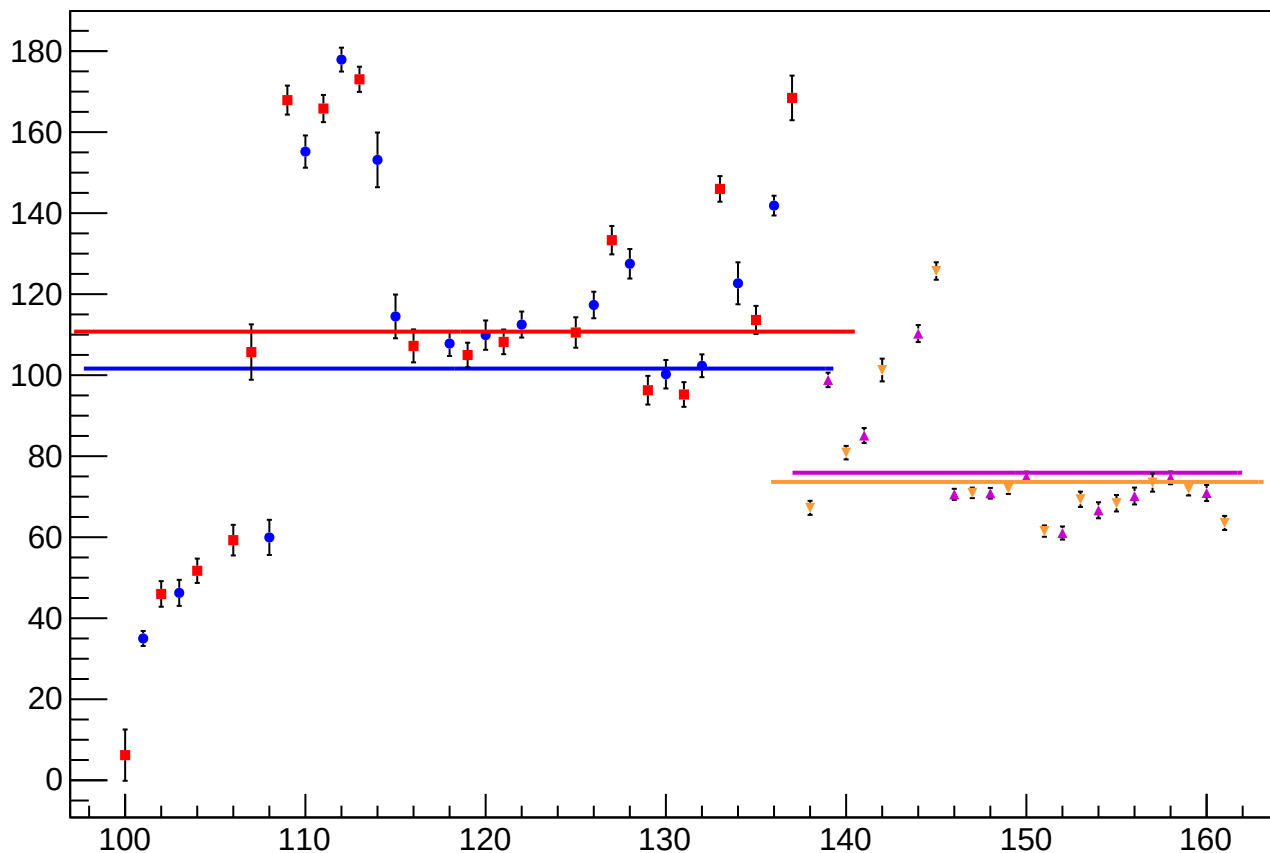
Left In: 3.771 ± 0.338 $\chi^2/\text{NDF}: 183.4/10$

+ sign 4.093 ± 0.260 $\chi^2/\text{NDF}: 708.6/27$

All: 4.687 ± 0.188 $\chi^2/\text{NDF}: 1370.3/56$

- sign 5.332 ± 0.271 $\chi^2/\text{NDF}: 650.9/28$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 73.652 $\pm$ 0.494 χ^2 /NDF:840.7/11

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

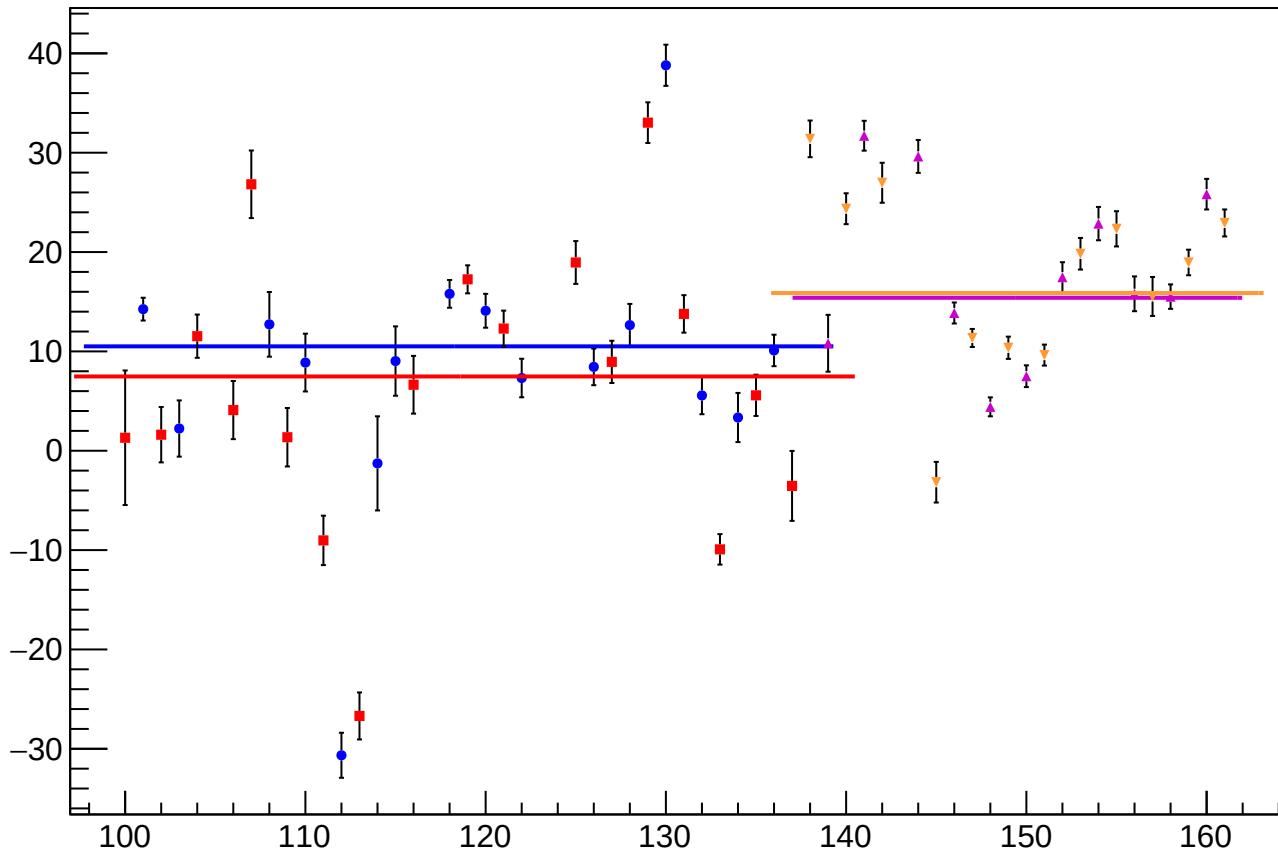
Left In: 75.920 $\pm$ 0.497 χ^2 /NDF:607.3/10

+ sign 81.279 $\pm$ 0.421 χ^2 /NDF: 4694.0/27

All: 83.117 $\pm$ 0.300 χ^2 /NDF: 9135.9/56

- sign 85.004 $\pm$ 0.427 χ^2 /NDF: 4403.3/28

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 15.874 $\pm$ 0.401 χ^2 /NDF: 353.7/11

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

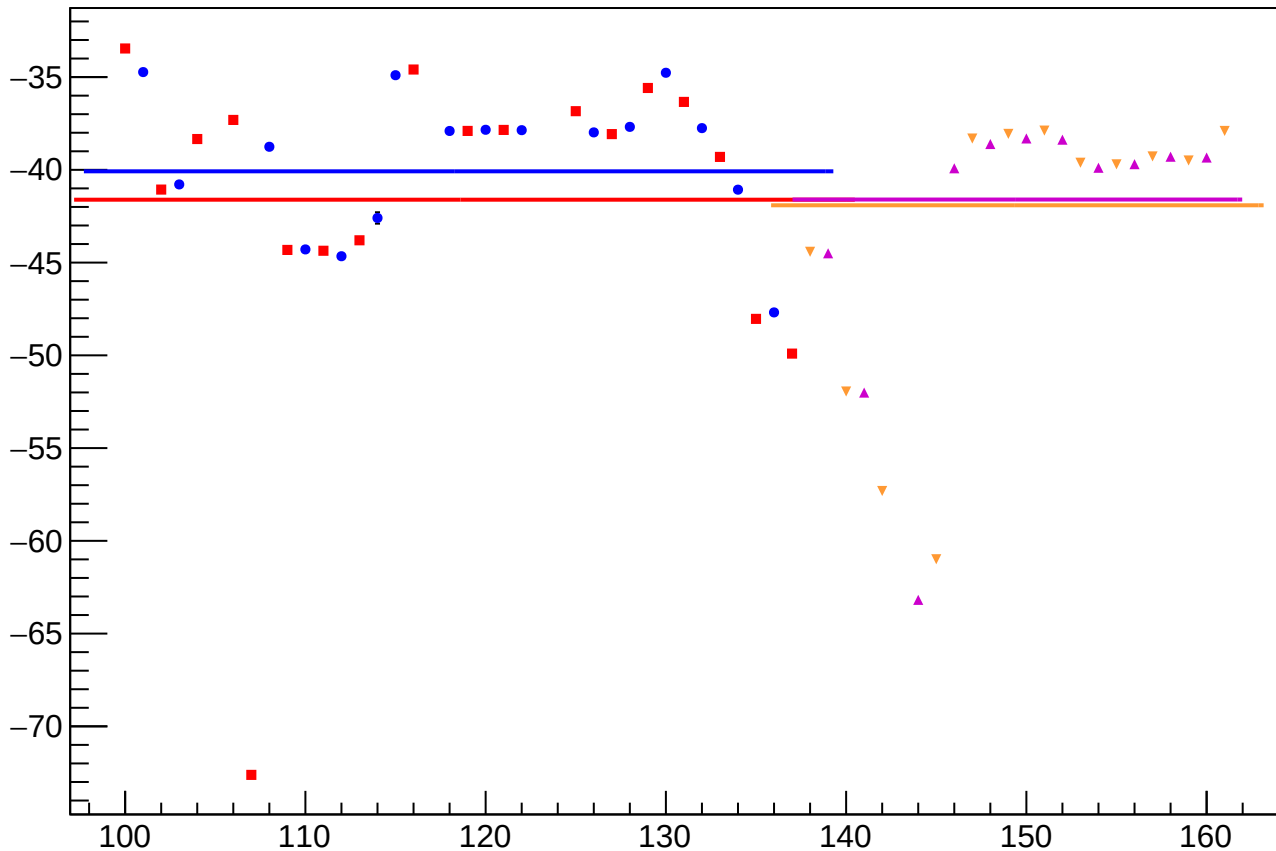
Left In: 15.396 $\pm$ 0.410 χ^2 /NDF: 448.2/10

+ sign 13.732 $\pm$ 0.311 χ^2 /NDF: 1006.6/27

All: 13.087 $\pm$ 0.224 χ^2 /NDF: 2294.9/56

- sign 12.392 $\pm$ 0.323 χ^2 /NDF: 1279.4/28

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -41.911 ± 0.020 χ^2/NDF : 109706.6/11

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

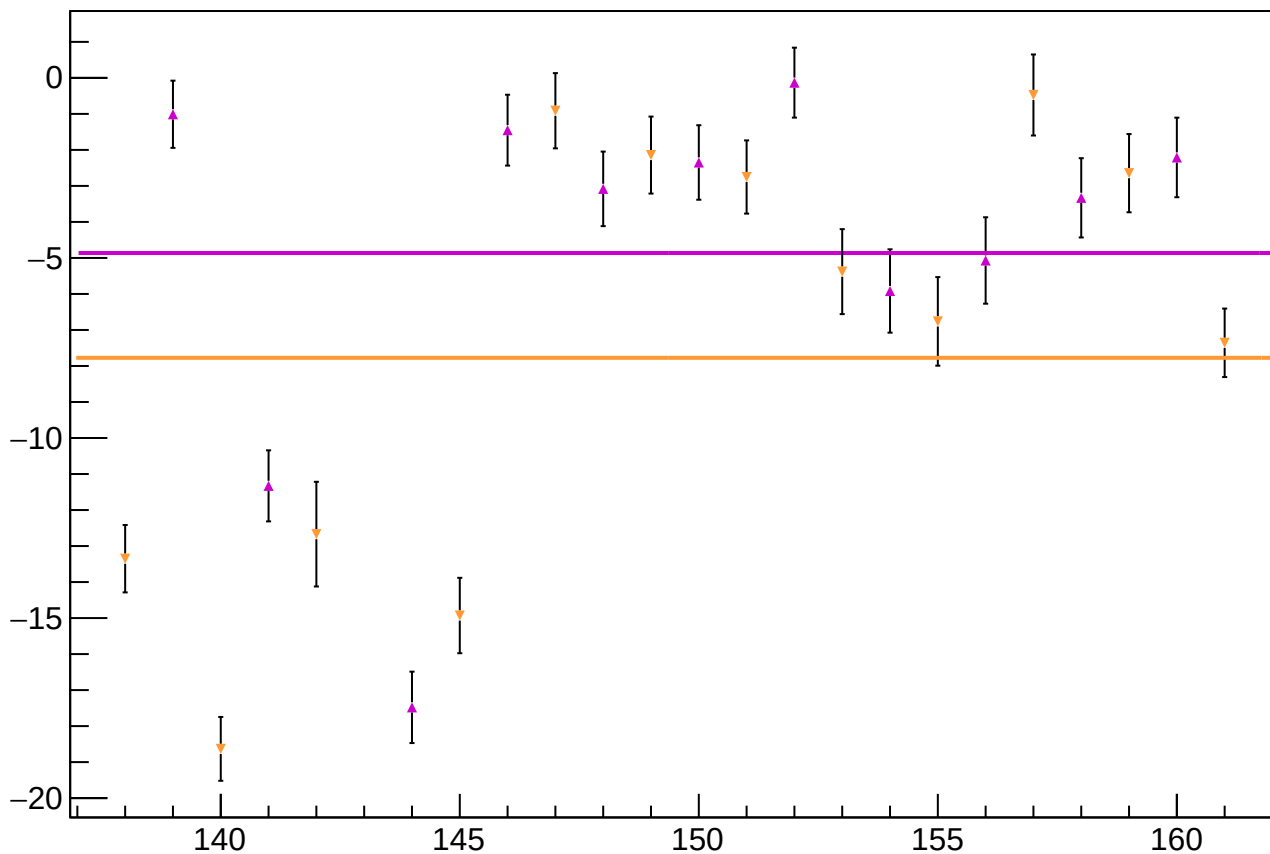
Left In: -41.601 ± 0.020 χ^2/NDF : 89649.0/10

+ sign -41.308 ± 0.016 χ^2/NDF : 137659.1/27

All: -41.456 ± 0.011 χ^2/NDF : 289259.8/56

- sign -41.603 ± 0.016 χ^2/NDF : 151433.7/28

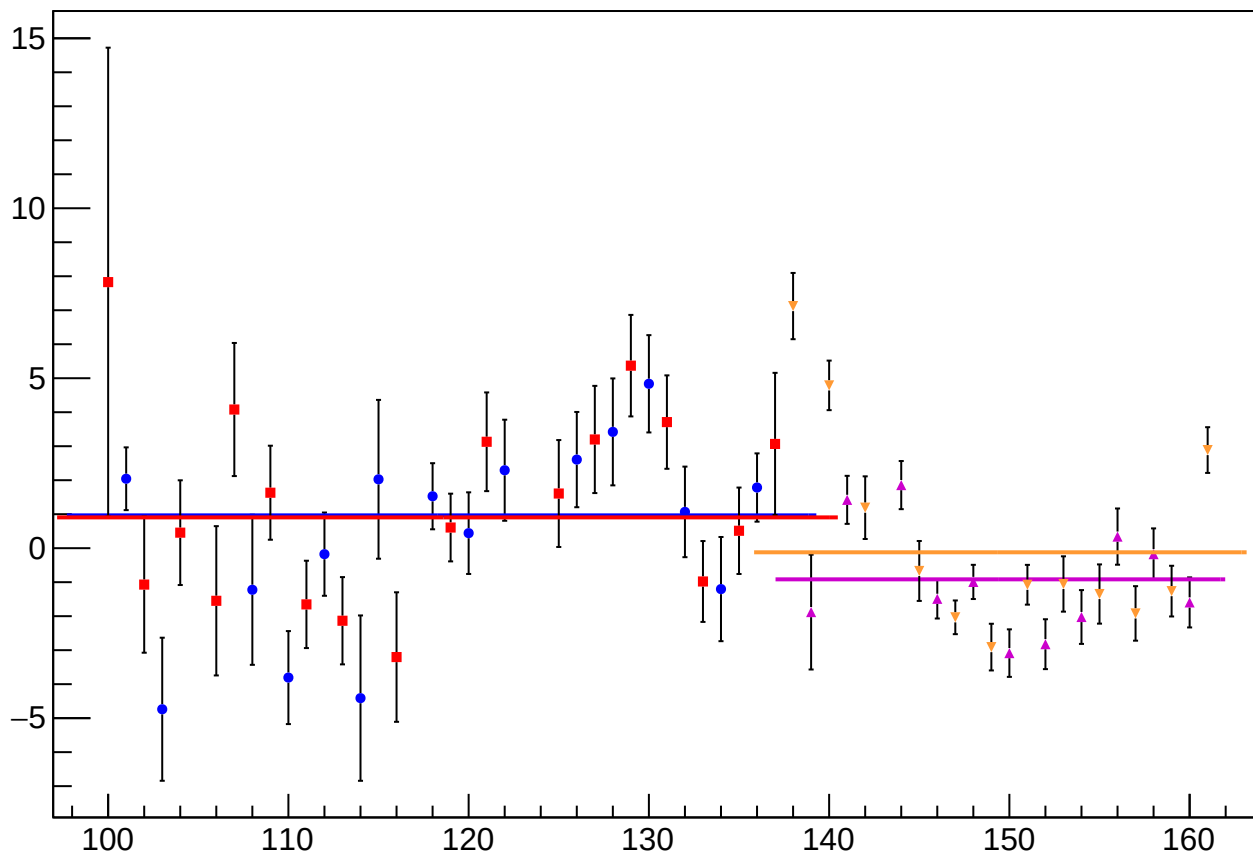
reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.773 $\pm$ 0.306 χ^2 /NDF:408.2/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.863 $\pm$ 0.312 χ^2 /NDF:275.2/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.349 $\pm$ 0.219 χ^2 /NDF: 727.8/22
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

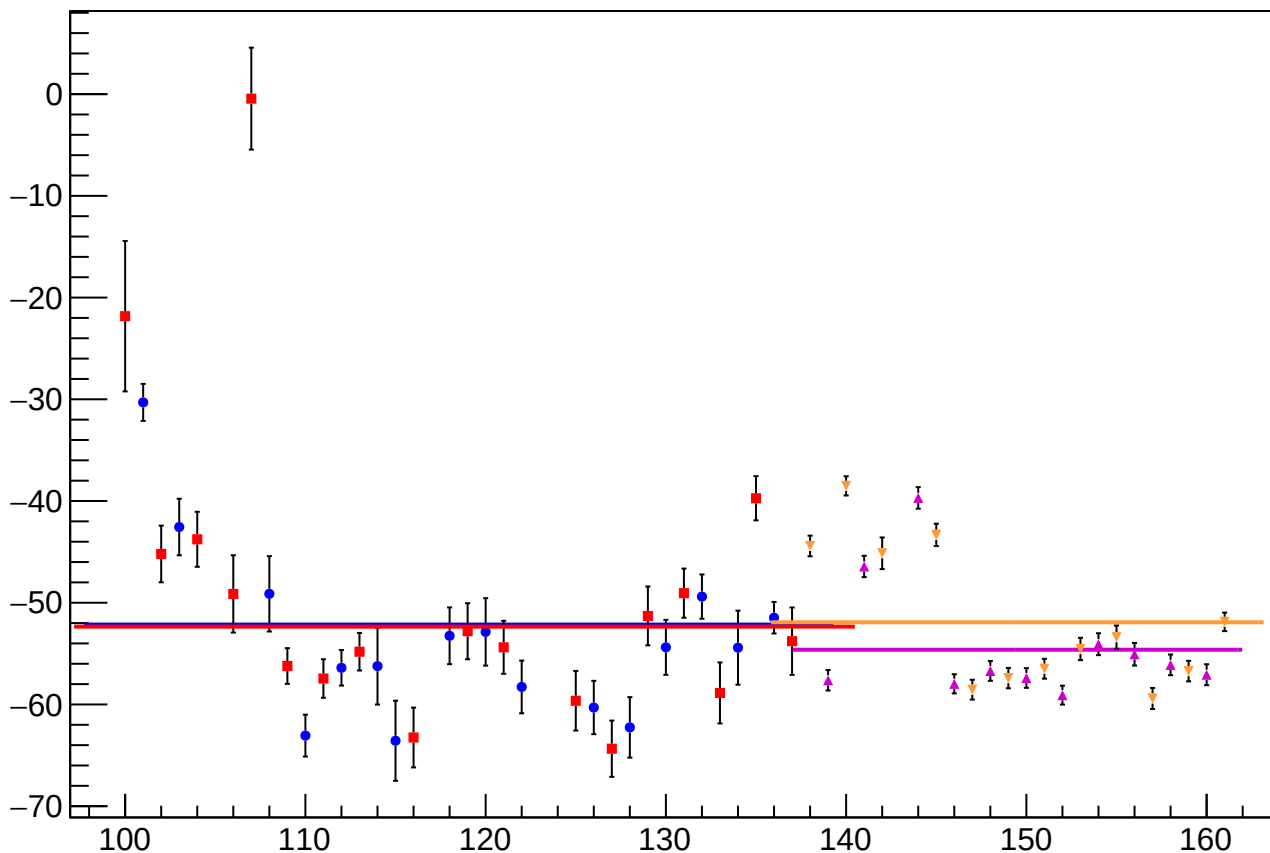
reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 $\chi^2/\text{NDF}: 42.9/15$
 Left Out: -0.121 ± 0.209 $\chi^2/\text{NDF}: 167.8/11$
 Right Out: 0.906 ± 0.354 $\chi^2/\text{NDF}: 42.0/17$
 Left In: -0.917 ± 0.214 $\chi^2/\text{NDF}: 50.1/10$

+ sign 0.179 ± 0.178 $\chi^2/\text{NDF}: 218.2/27$
 All: -0.115 ± 0.128 $\chi^2/\text{NDF}: 335.3/56$
 - sign -0.428 ± 0.183 $\chi^2/\text{NDF}: 111.5/28$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -51.921 ± 0.299 χ^2/NDF : 517.1/11

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

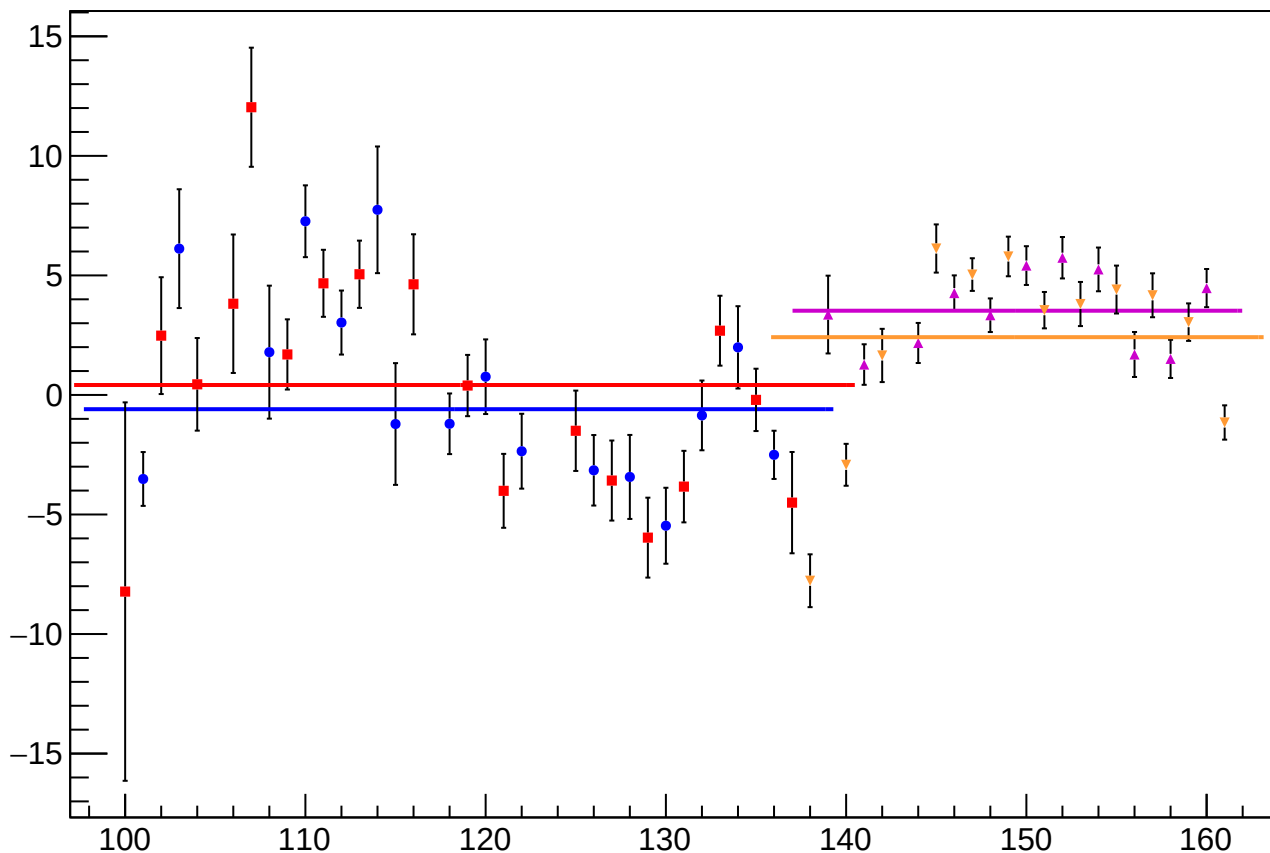
Left In: -54.619 ± 0.305 χ^2/NDF : 324.8/10

+ sign -51.965 ± 0.269 χ^2/NDF : 747.5/27

All: -53.052 ± 0.192 χ^2/NDF : 1352.1/56

- sign -54.172 ± 0.273 χ^2/NDF : 571.5/28

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 2.417 ± 0.249 χ^2/NDF : 204.8/11

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

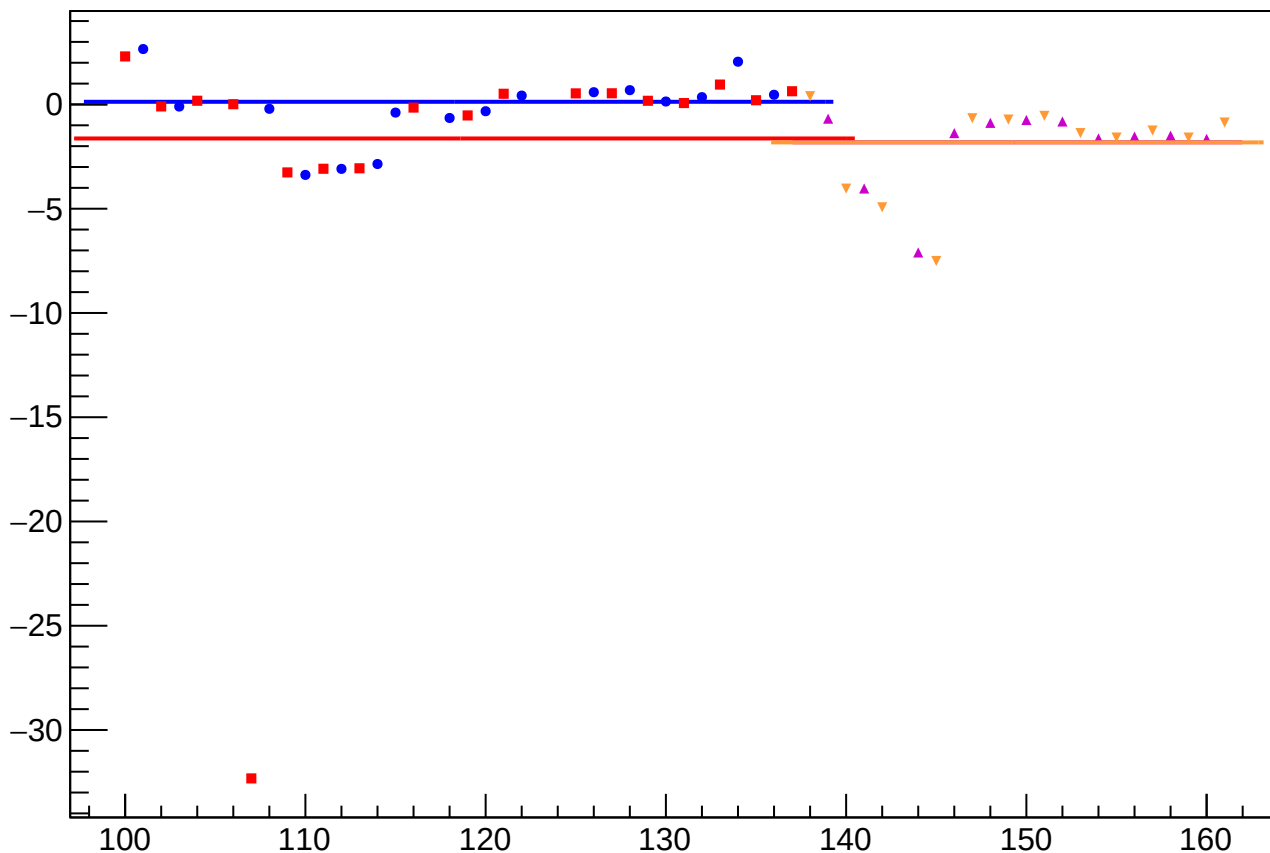
Left In: 3.523 ± 0.255 χ^2/NDF : 37.8/10

+ sign 1.526 ± 0.209 χ^2/NDF : 330.8/27

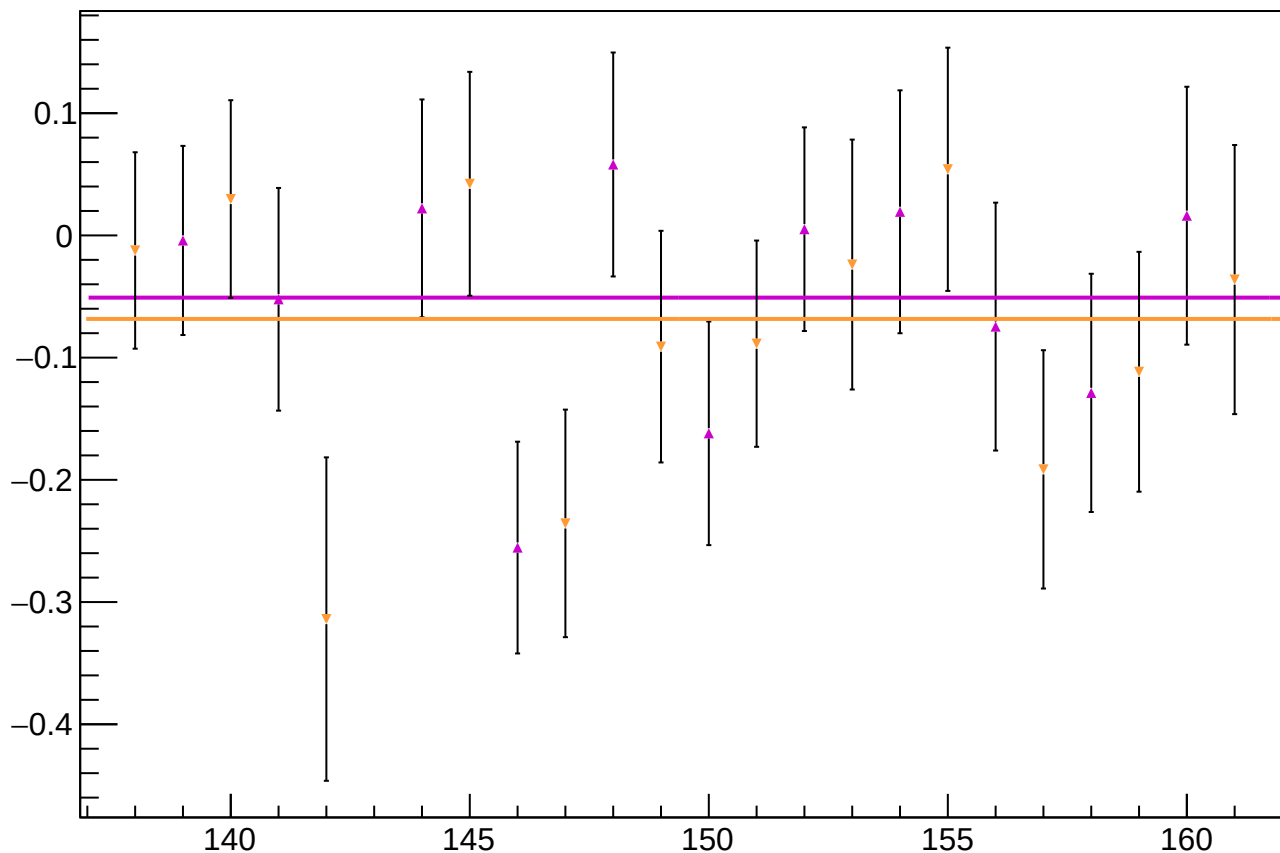
All: 2.058 ± 0.150 χ^2/NDF : 520.7/56

- sign 2.623 ± 0.215 χ^2/NDF : 176.5/28

reg_asym_us_dd_diff_bpm12X_slope vs Slug



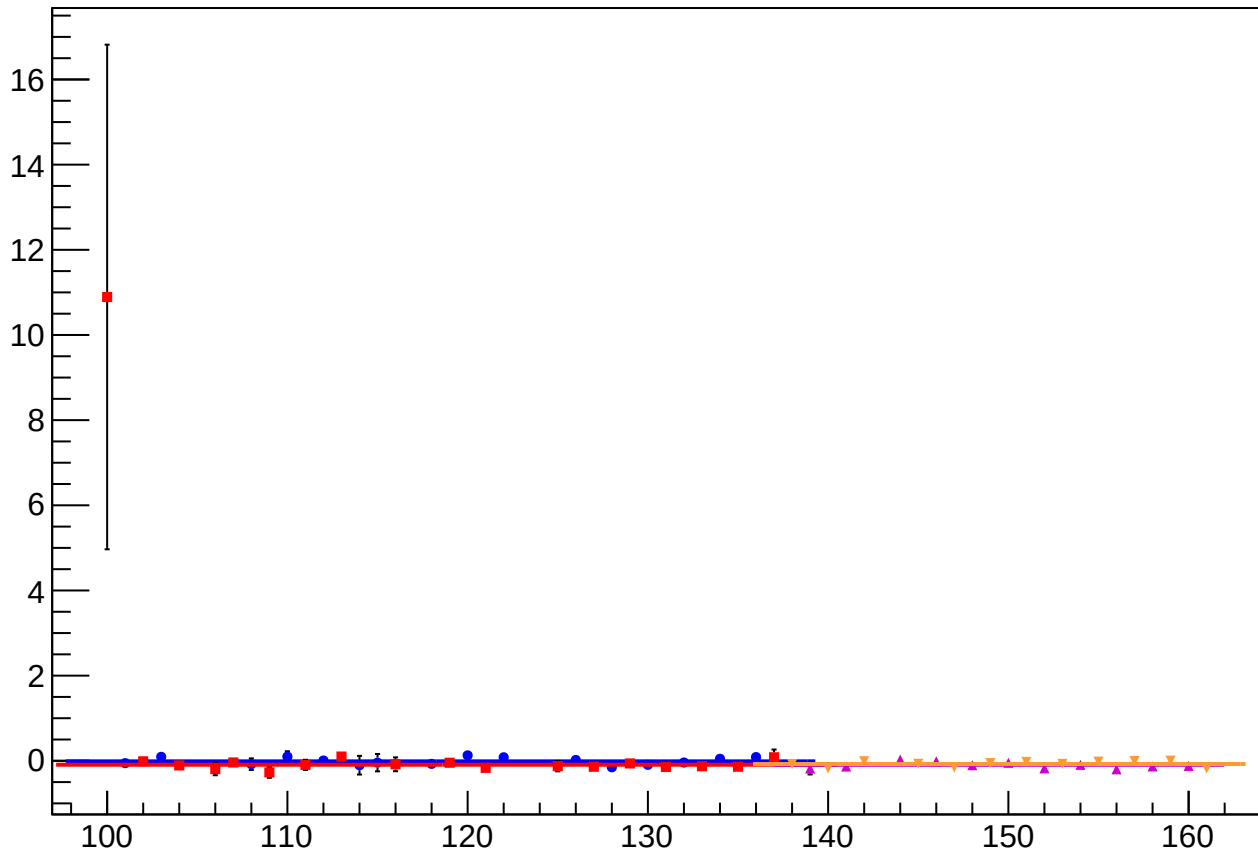
reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.068 $\pm$ 0.027 χ^2 /NDF:13.8/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.051 $\pm$ 0.027 χ^2 /NDF:11.5/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.060 $\pm$ 0.019 χ^2 /NDF: 25.5/22
 - 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: -0.075 ± 0.019 χ^2/NDF : 12.1/11

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

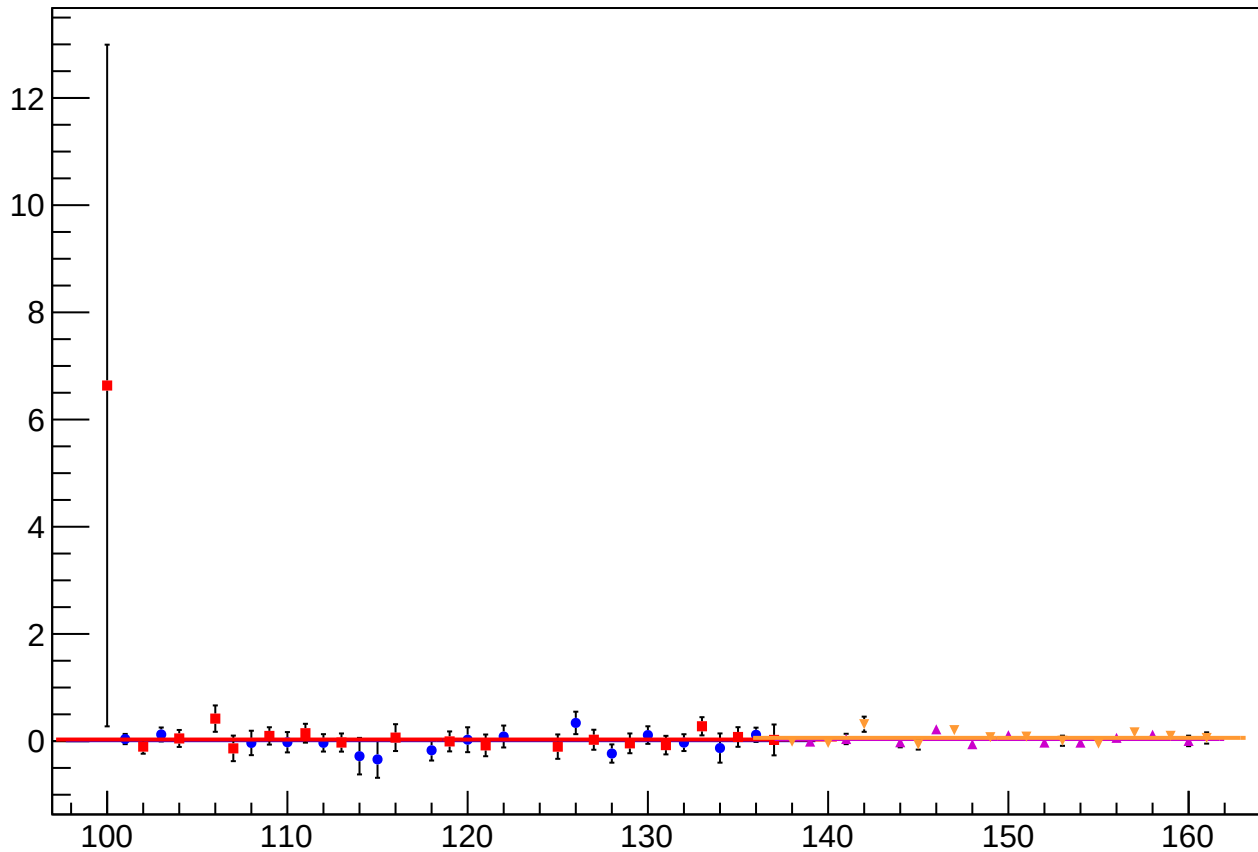
Left In: -0.094 ± 0.019 χ^2/NDF : 12.1/10

+ sign -0.051 ± 0.015 χ^2/NDF : 28.7/27

All: -0.071 ± 0.010 χ^2/NDF : 57.5/56

- sign -0.093 ± 0.015 χ^2/NDF : 24.8/28

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 9.6/15

Left Out: 0.061 ± 0.027 χ^2/NDF : 12.7/11

Right Out: 0.030 ± 0.045 χ^2/NDF : 9.2/17

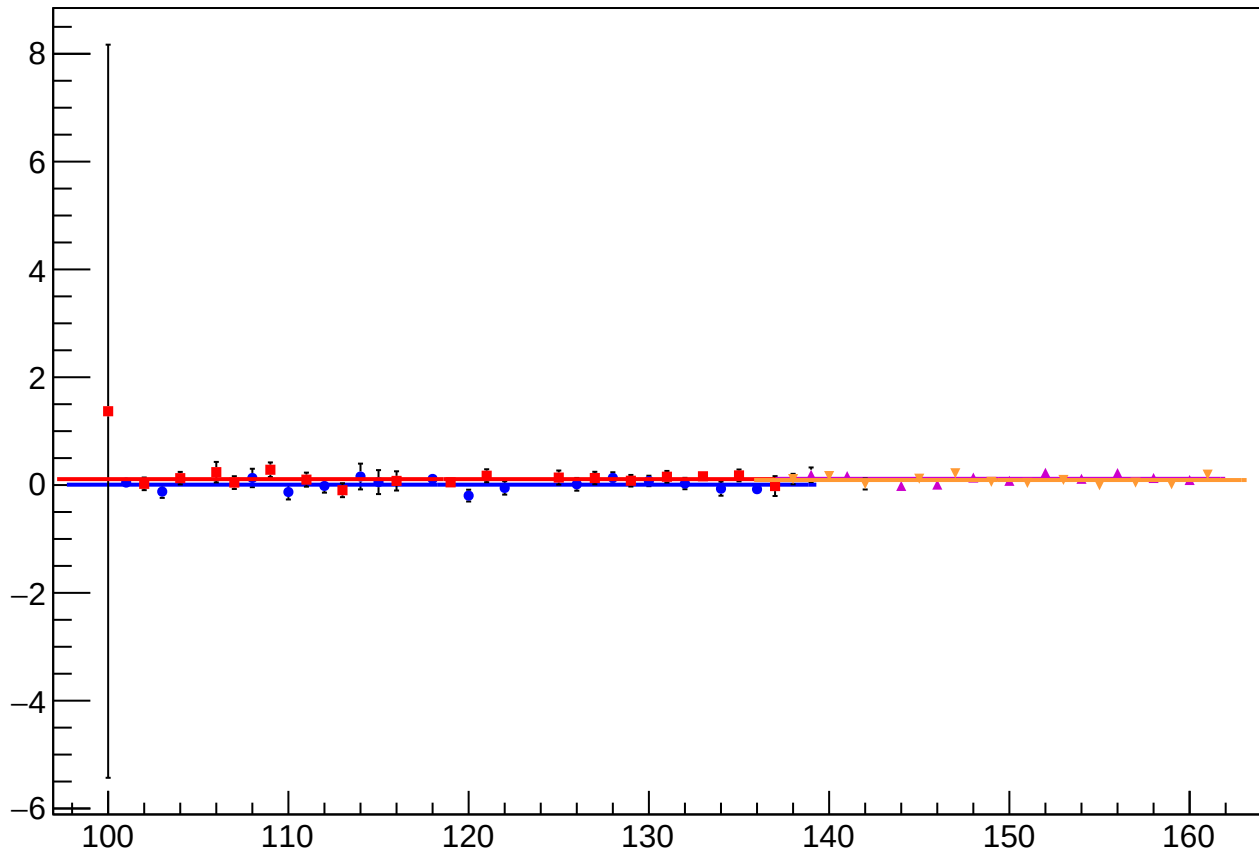
Left In: 0.040 ± 0.027 χ^2/NDF : 9.6/10

+ sign 0.049 ± 0.023 χ^2/NDF : 23.1/27

All: 0.043 ± 0.016 χ^2/NDF : 42.1/56

- sign 0.037 ± 0.023 χ^2/NDF : 18.9/28

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.093 ± 0.022 χ^2/NDF : 11.2/11

Right Out: 0.110 ± 0.029 χ^2/NDF : 8.0/17

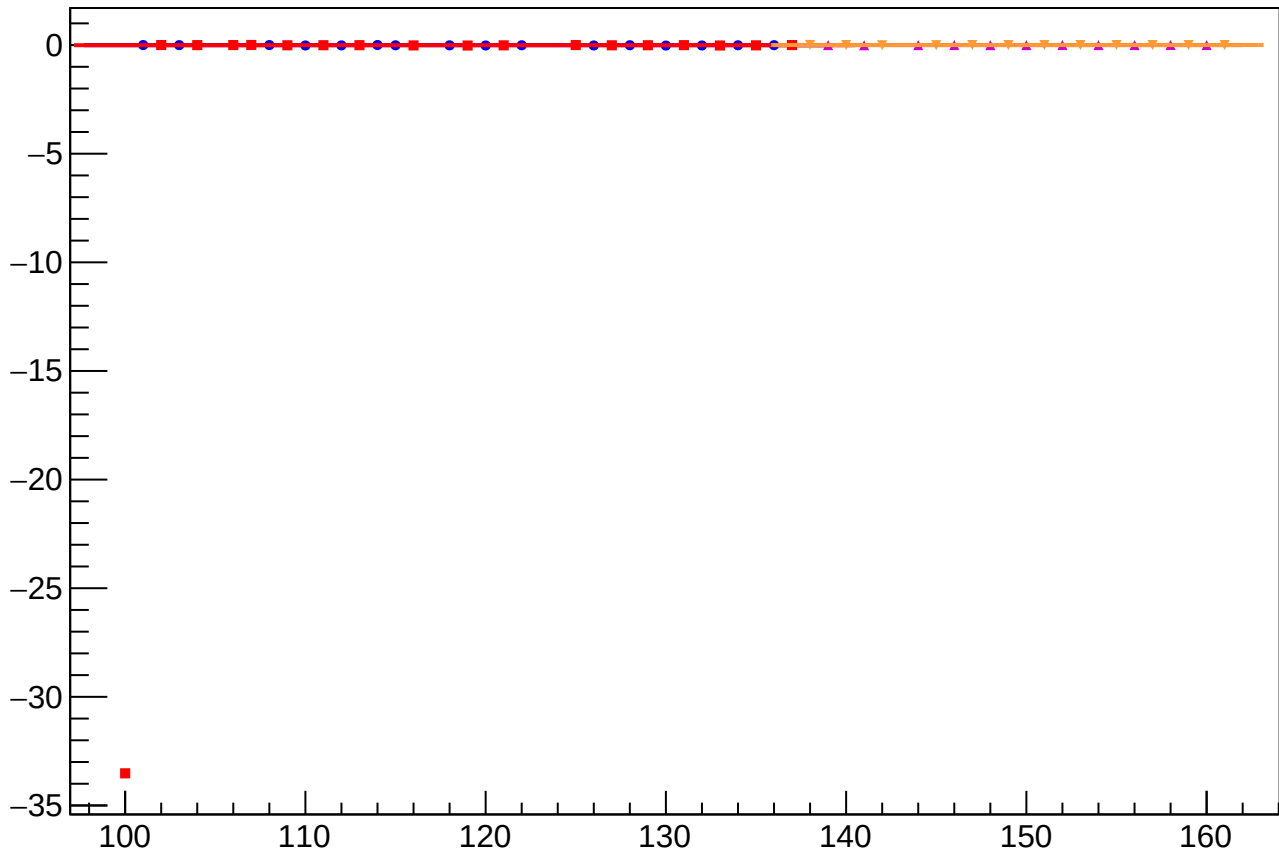
Left In: 0.116 ± 0.023 χ^2/NDF : 11.0/10

+ sign 0.058 ± 0.017 χ^2/NDF : 29.3/27

All: 0.085 ± 0.012 χ^2/NDF : 53.4/56

- sign 0.113 ± 0.018 χ^2/NDF : 19.0/28

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 : 7.3/11

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

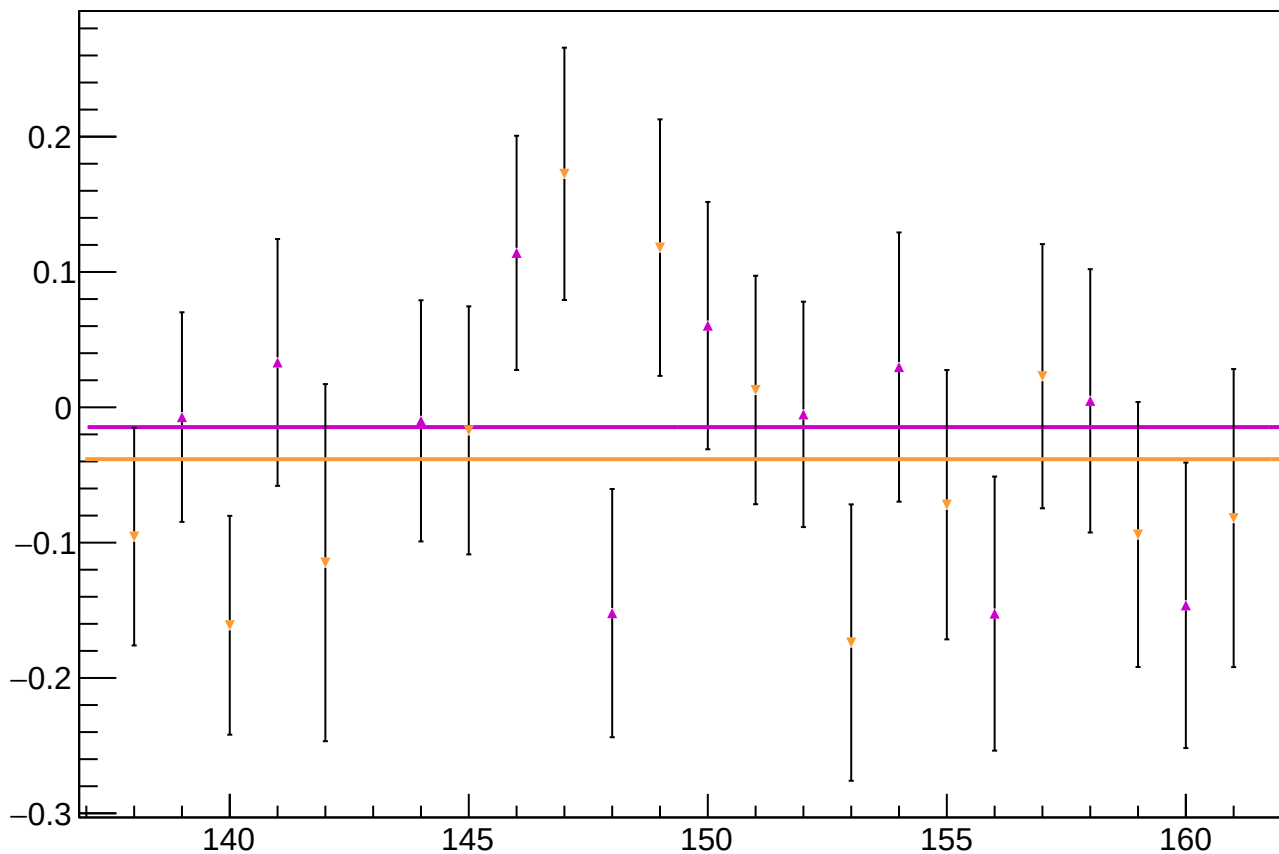
Left In: 0.000 ± 0.001 χ^2/NDF : 7.4/10

+ sign -0.001 ± 0.001 χ^2/NDF : 43.9/27

All: -0.001 ± 0.001 χ^2/NDF : 26572.0/56

- sign -0.002 ± 0.001 χ^2/NDF : 26527.7/28

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.038 $\pm$ 0.027 χ^2 /NDF:14.2/11

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

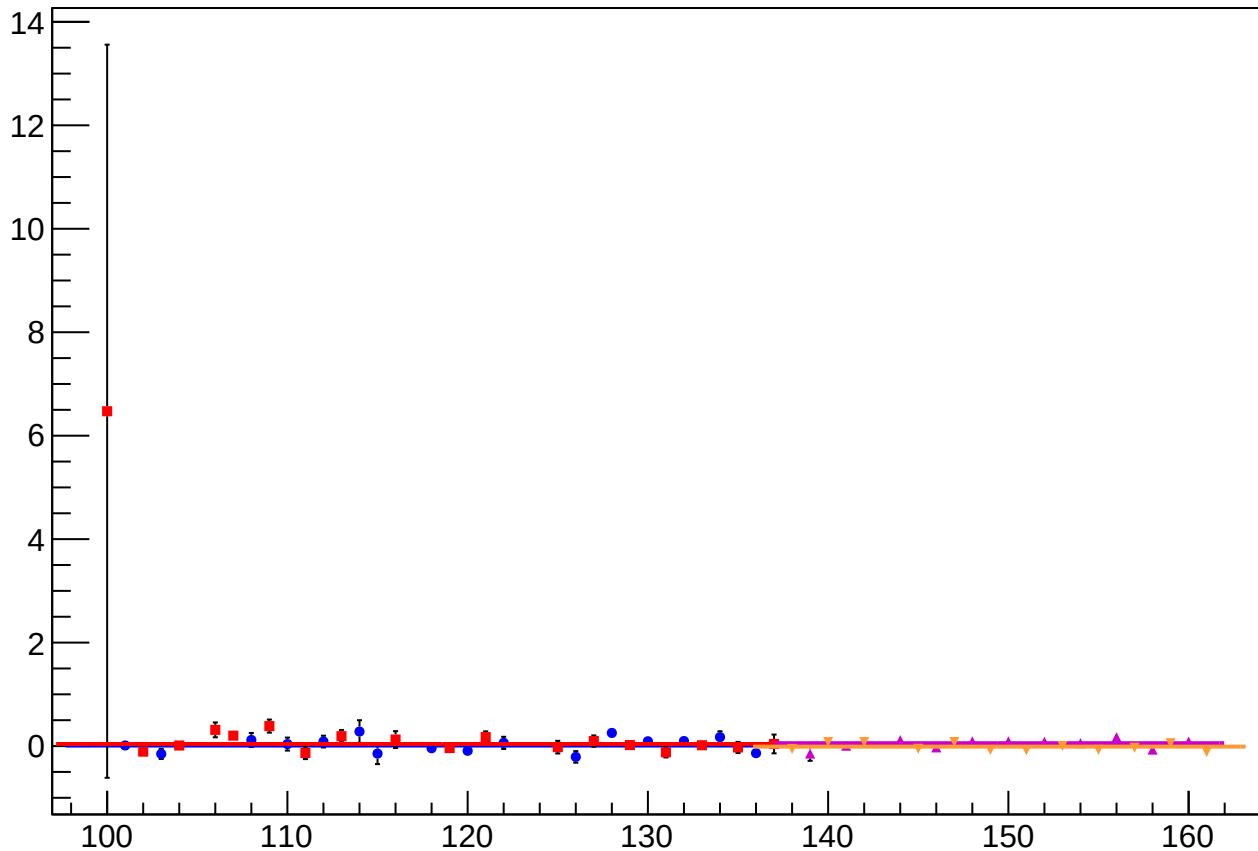
Left In: -0.015 $\pm$ 0.027 χ^2 /NDF:9.1/10

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

All: -0.027 $\pm$ 0.019 χ^2 /NDF: 23.6/22

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

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 25.4/15

Left Out: -0.011 ± 0.019 χ^2/NDF : 14.3/11

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

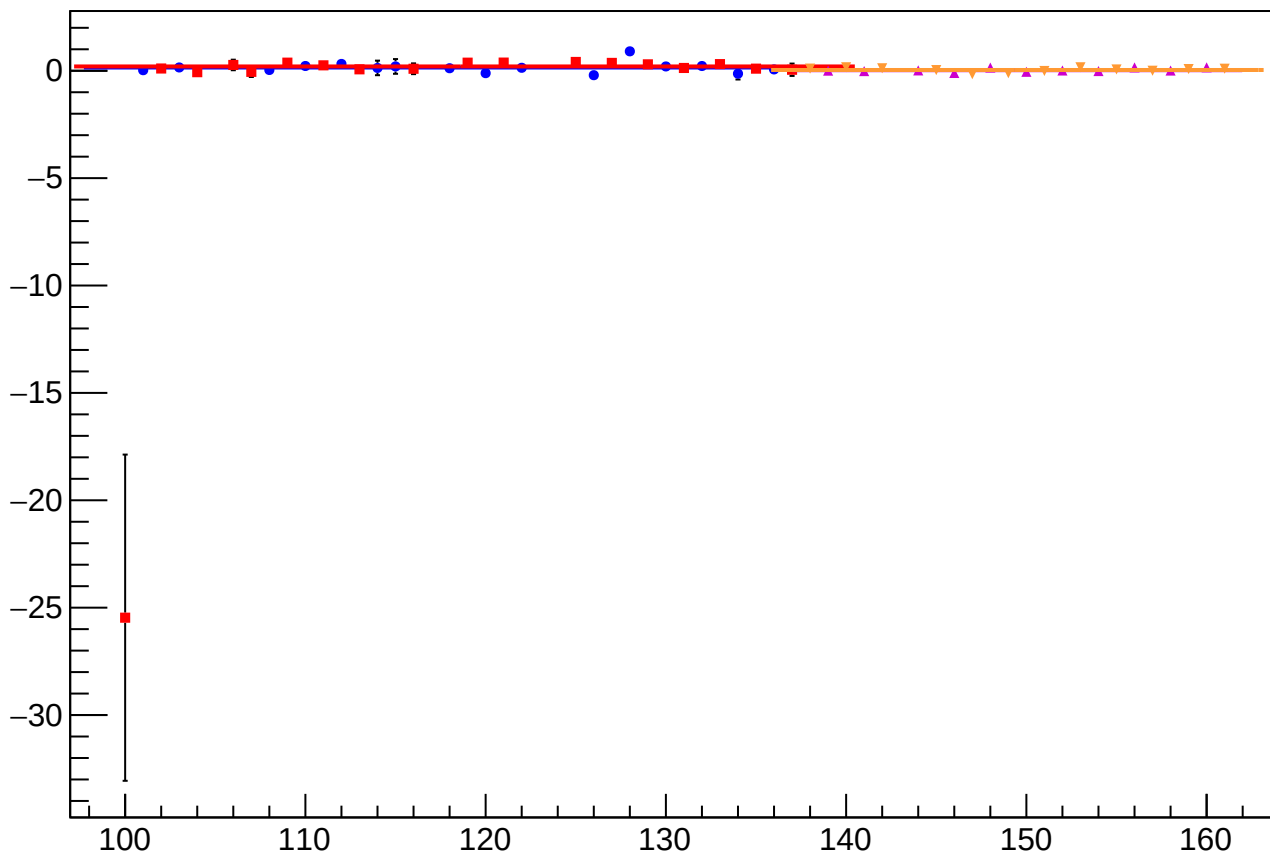
Left In: 0.055 ± 0.019 χ^2/NDF : 13.5/10

+ sign -0.003 ± 0.015 χ^2/NDF : 40.3/27

All: 0.023 ± 0.010 χ^2/NDF : 88.2/56

- sign 0.050 ± 0.015 χ^2/NDF : 41.7/28

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.036 ± 0.027 χ^2/NDF : 13.7/11

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

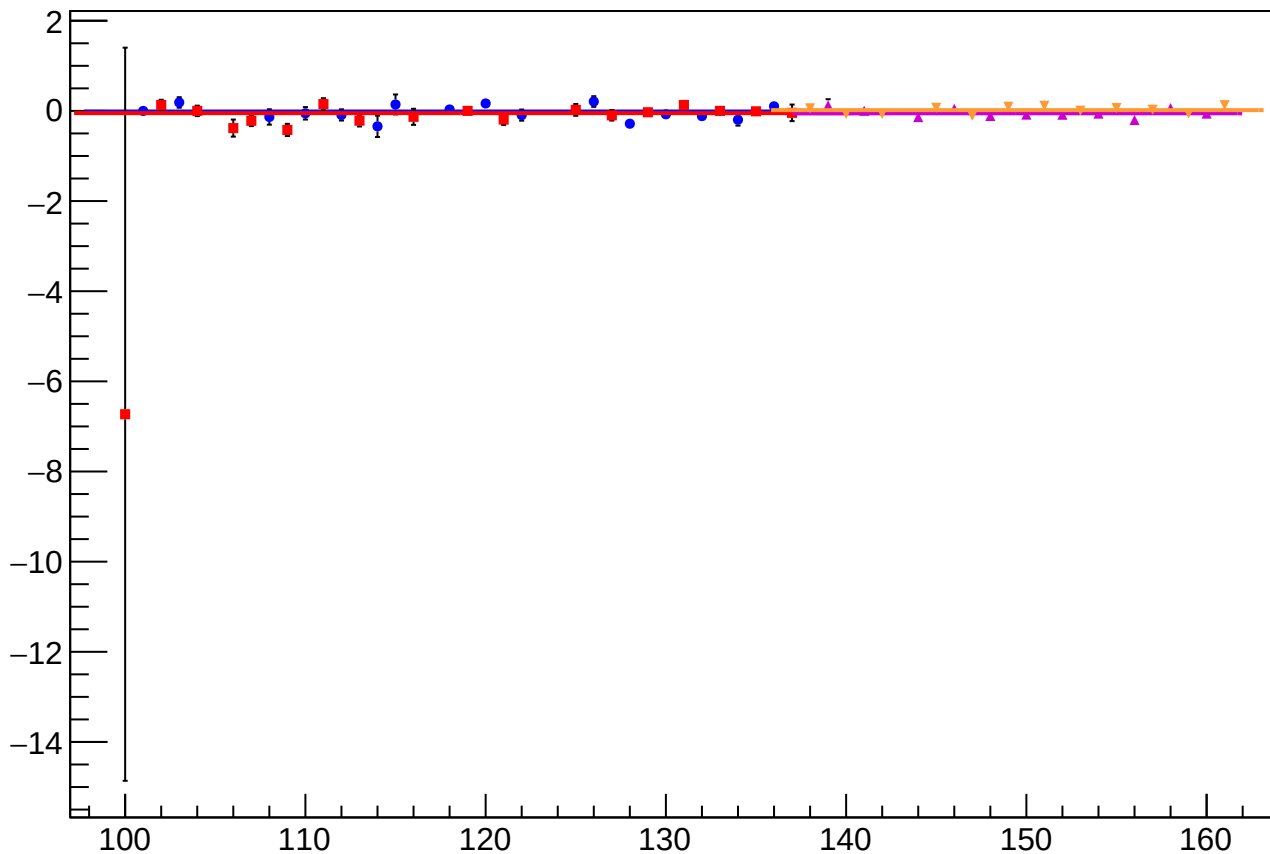
Left In: 0.026 ± 0.027 χ^2/NDF : 9.4/10

+ sign 0.068 ± 0.023 χ^2/NDF : 47.8/27

All: 0.070 ± 0.016 χ^2/NDF : 91.2/56

- sign 0.072 ± 0.023 χ^2/NDF : 43.4/28

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.017 ± 0.022 χ^2/NDF : 13.4/11

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

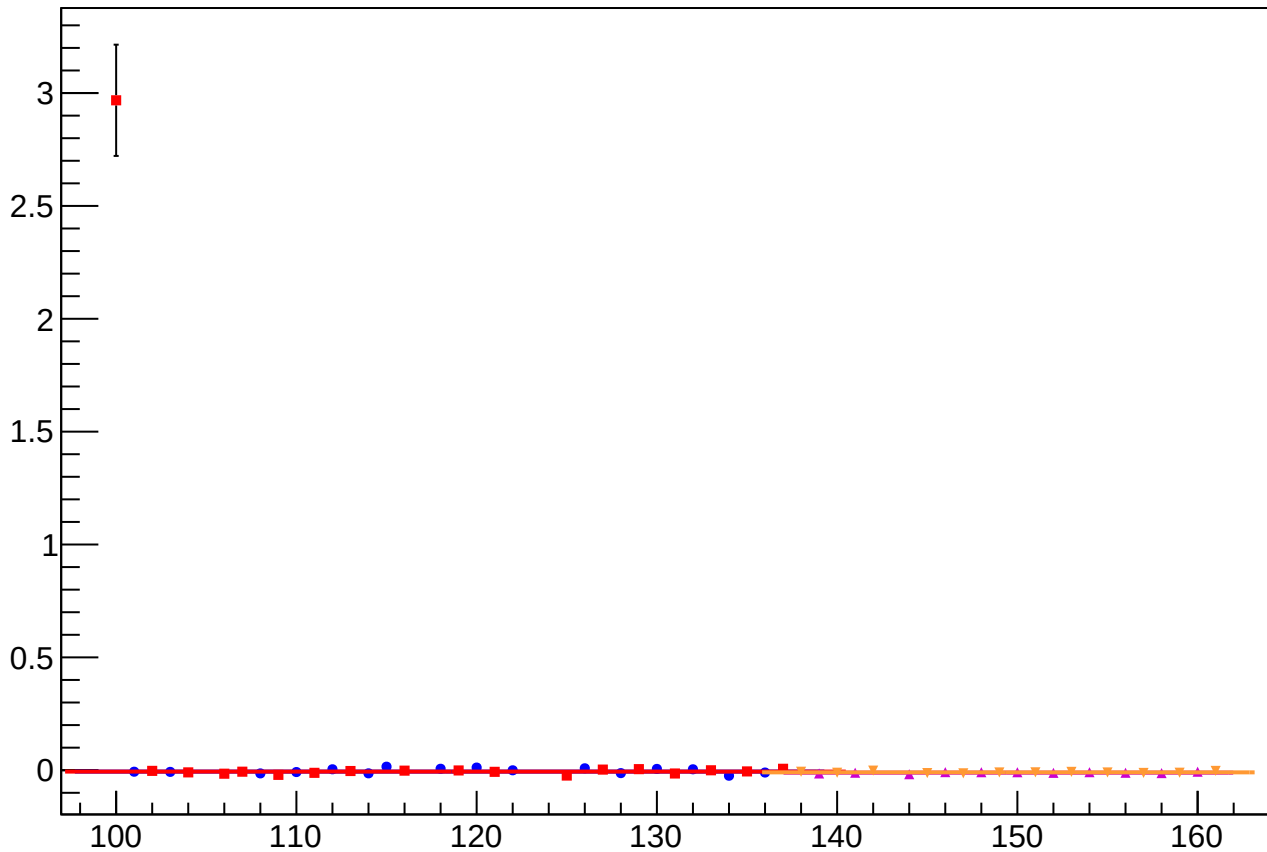
Left In: -0.054 ± 0.023 χ^2/NDF : 13.3/10

+ sign 0.005 ± 0.017 χ^2/NDF : 39.4/27

All: -0.023 ± 0.012 χ^2/NDF : 83.7/56

- sign -0.052 ± 0.018 χ^2/NDF : 39.1/28

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 : 8.5/11

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

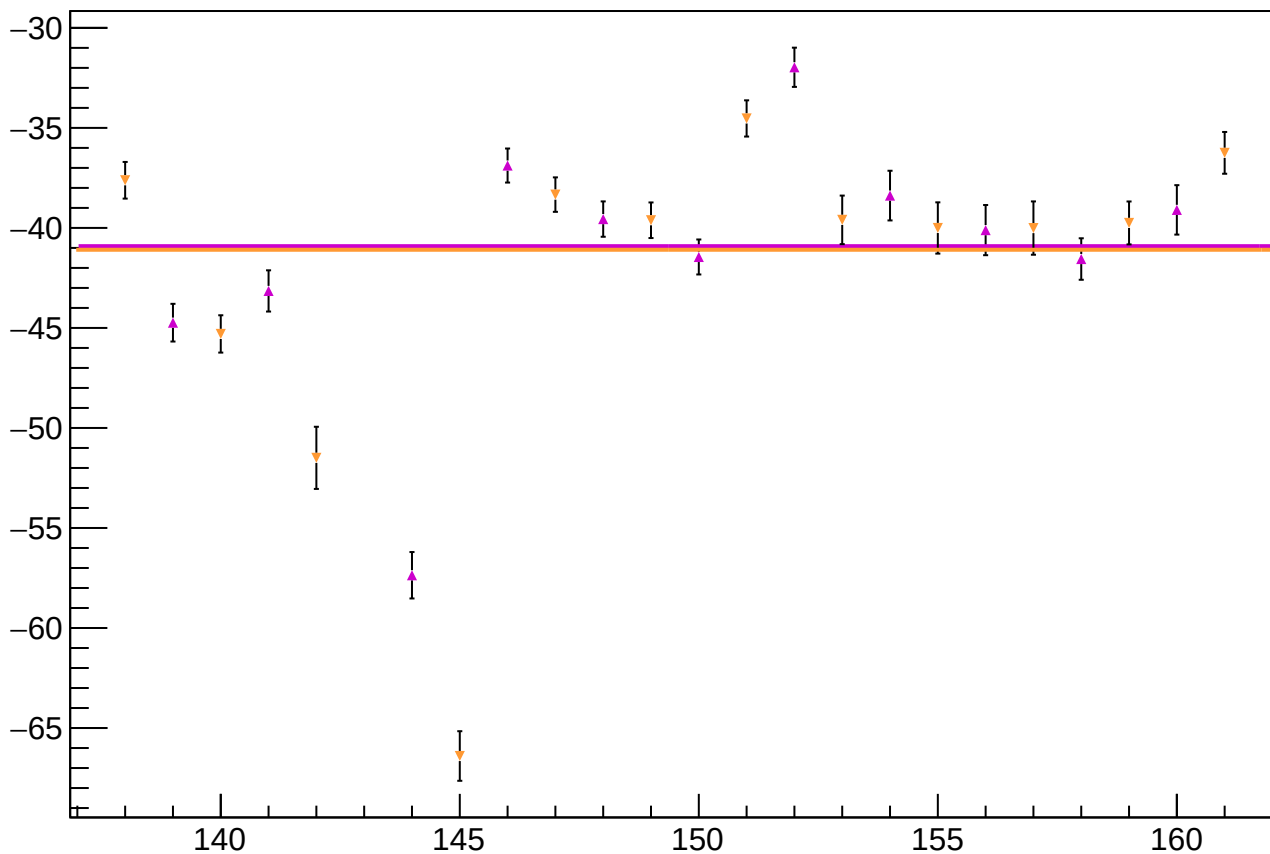
Left In: -0.011 ± 0.001 χ^2/NDF : 7.4/10

+ sign -0.008 ± 0.001 χ^2/NDF : 41.1/27

All: -0.009 ± 0.001 χ^2/NDF : 222.4/56

- sign -0.009 ± 0.001 χ^2/NDF : 180.6/28

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.092+/-0.303 χ^2/NDF : 587.9/11

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

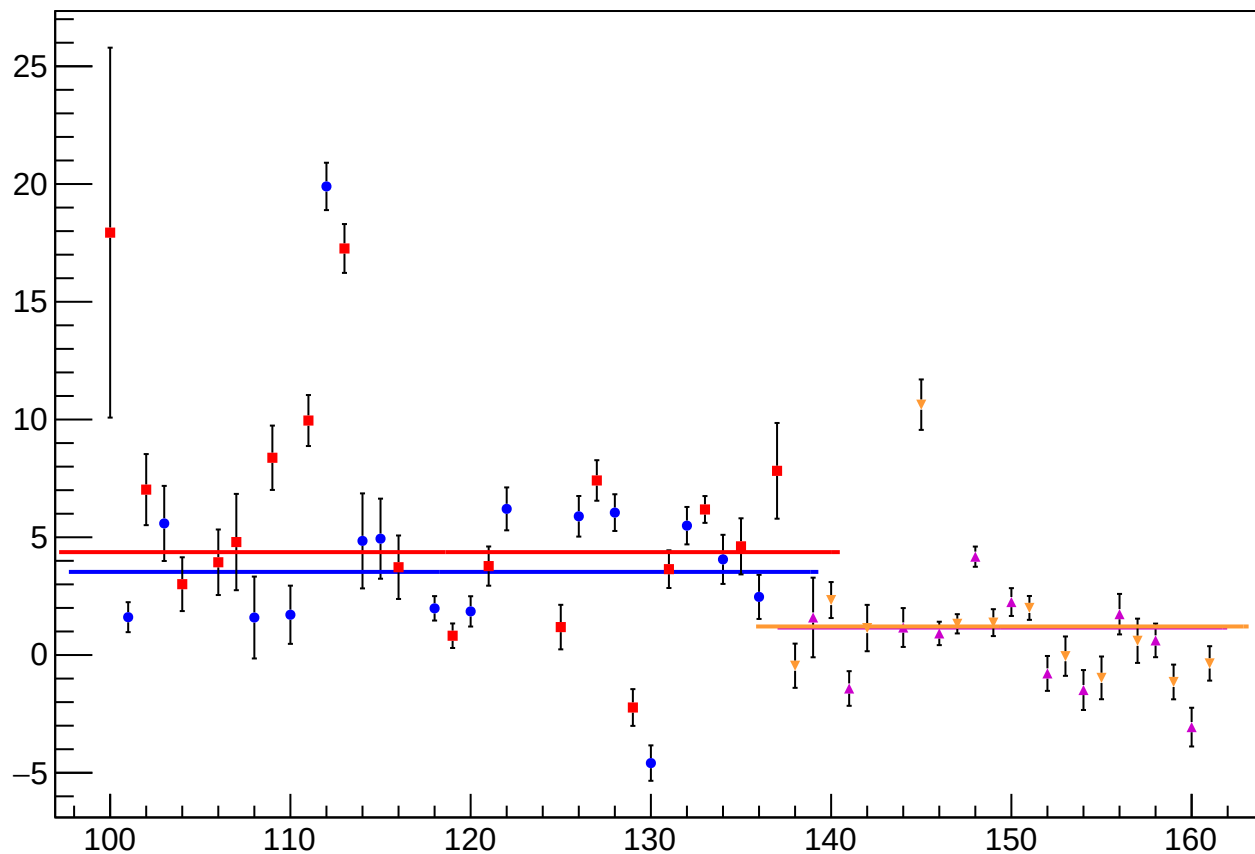
Left In: -40.912+/-0.306 χ^2/NDF : 337.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.003+/-0.215 χ^2/NDF : 925.7/22

- 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: 1.212 ± 0.199 χ^2/NDF : 108.5/11

Right Out: 4.370 ± 0.225 χ^2/NDF : 353.8/17

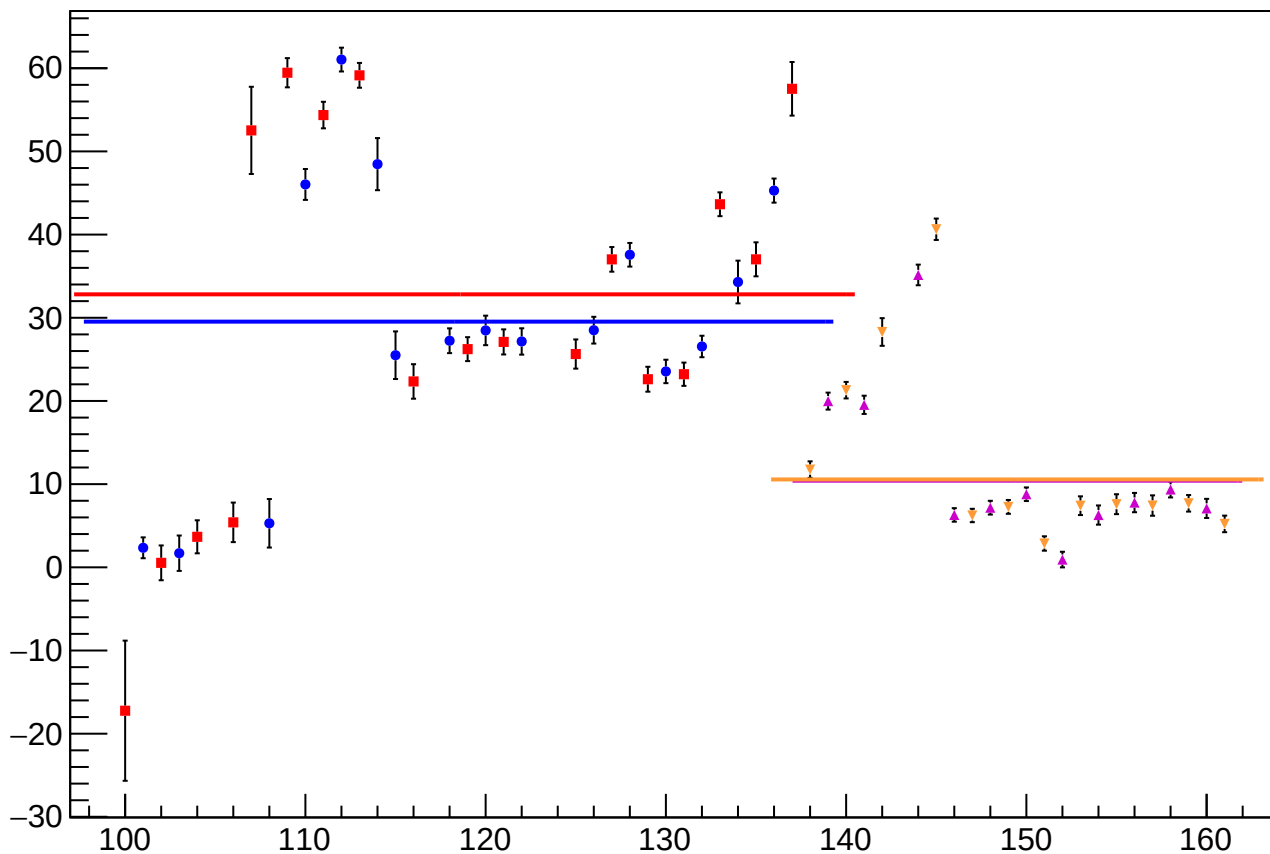
Left In: 1.167 ± 0.204 χ^2/NDF : 109.5/10

+ sign 2.271 ± 0.147 χ^2/NDF : 616.8/27

All: 2.435 ± 0.105 χ^2/NDF : 1193.6/56

- sign 2.609 ± 0.151 χ^2/NDF : 574.2/28

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 $\pm$ 0.417 χ^2 /NDF: 1494.9/15

Left Out: 10.562 $\pm$ 0.295 χ^2 /NDF: 960.0/11

Right Out: 32.816 $\pm$ 0.423 χ^2 /NDF: 1659.3/17

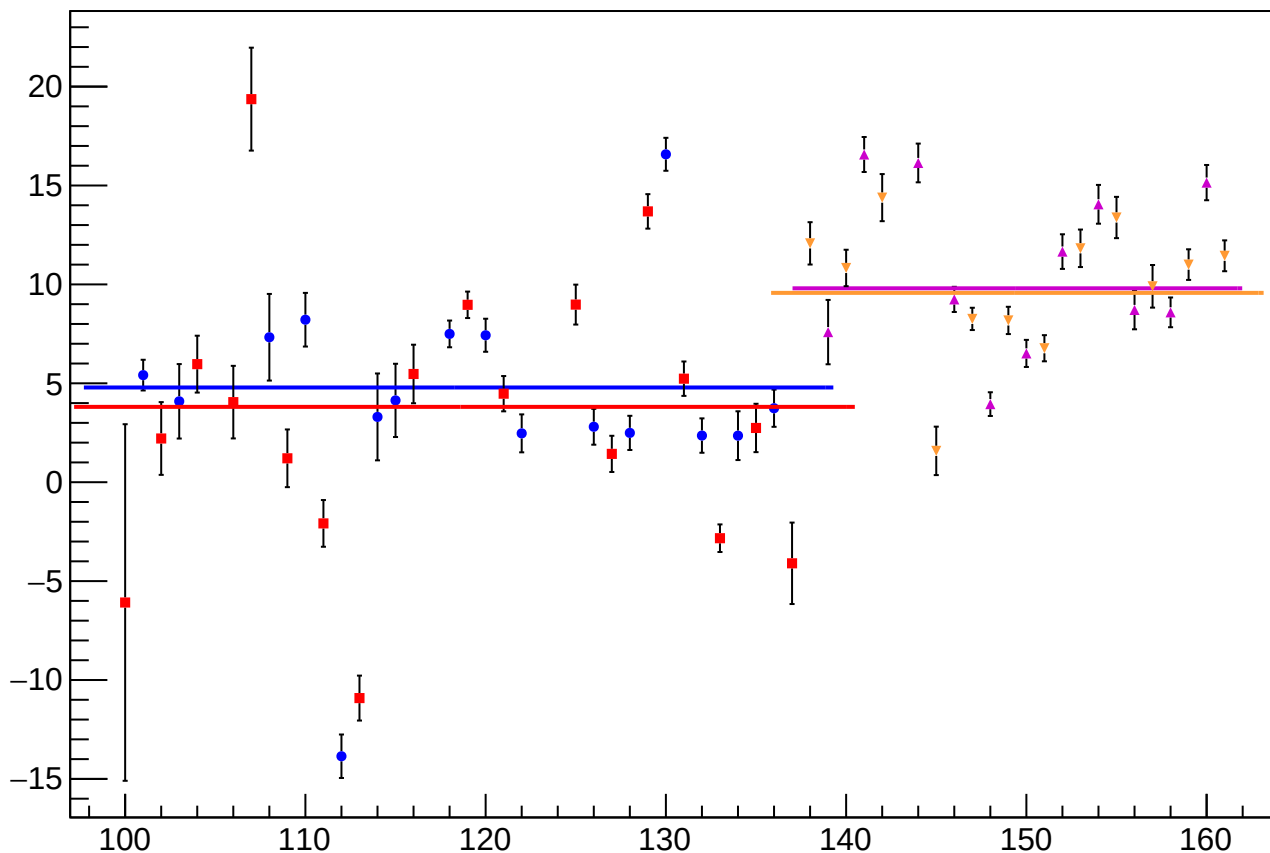
Left In: 10.414 $\pm$ 0.296 χ^2 /NDF: 728.8/10

+ sign 16.896 $\pm$ 0.241 χ^2 /NDF: 3835.5/27

All: 17.343 $\pm$ 0.171 χ^2 /NDF: 8112.2/56

- sign 17.798 $\pm$ 0.243 χ^2 /NDF: 4269.8/28

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 $\chi^2/\text{NDF}: 553.9/15$

Left Out: 9.572 ± 0.241 $\chi^2/\text{NDF}: 121.9/11$

Right Out: 3.809 ± 0.259 $\chi^2/\text{NDF}: 567.6/17$

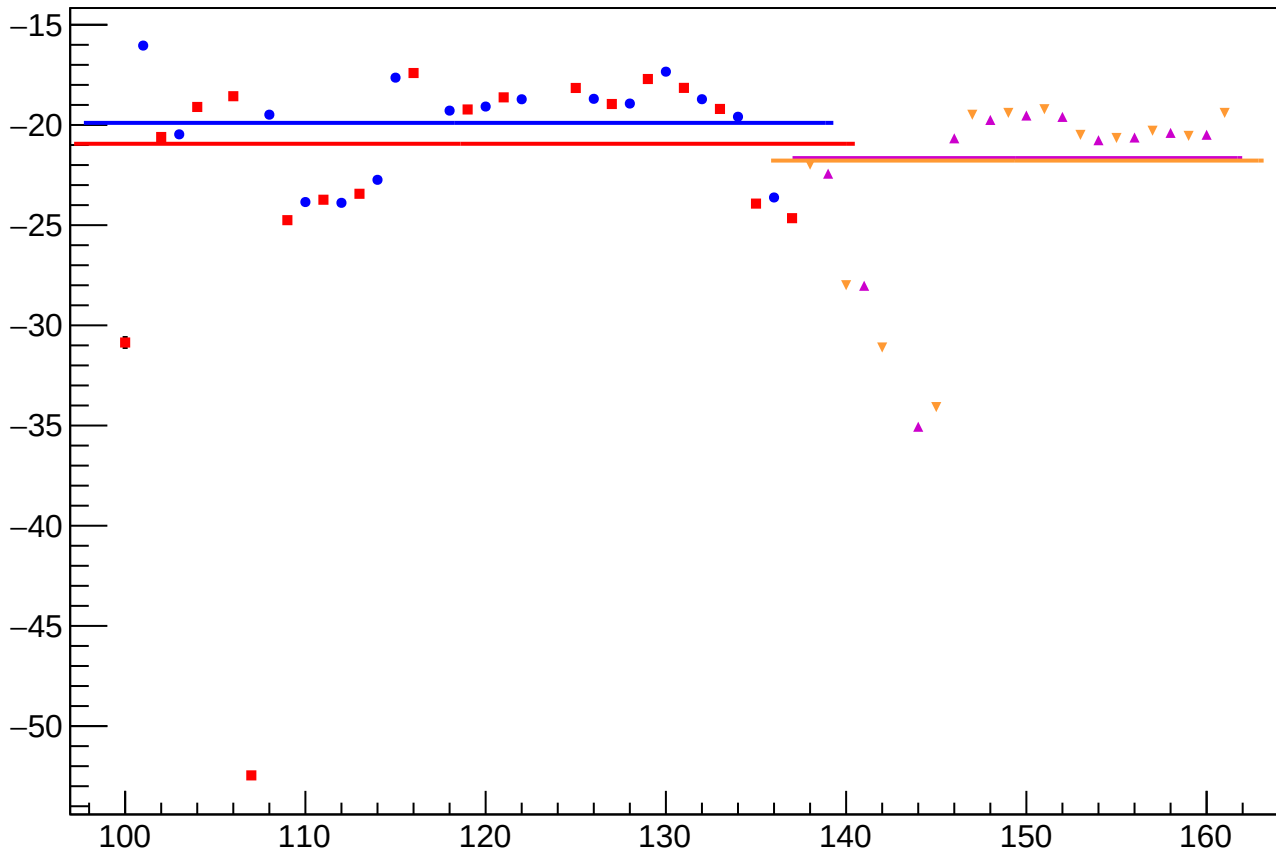
Left In: 9.803 ± 0.246 $\chi^2/\text{NDF}: 284.5/10$

+ sign 7.277 ± 0.174 $\chi^2/\text{NDF}: 864.4/27$

All: 7.120 ± 0.125 $\chi^2/\text{NDF}: 1999.7/56$

- sign 6.956 ± 0.178 $\chi^2/\text{NDF}: 1133.6/28$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 $\chi^2/\text{NDF}: 26073.6/15$

Left Out: -21.777 ± 0.012 $\chi^2/\text{NDF}: 119488.3/11$

Right Out: -20.938 ± 0.016 $\chi^2/\text{NDF}: 94065.2/17$

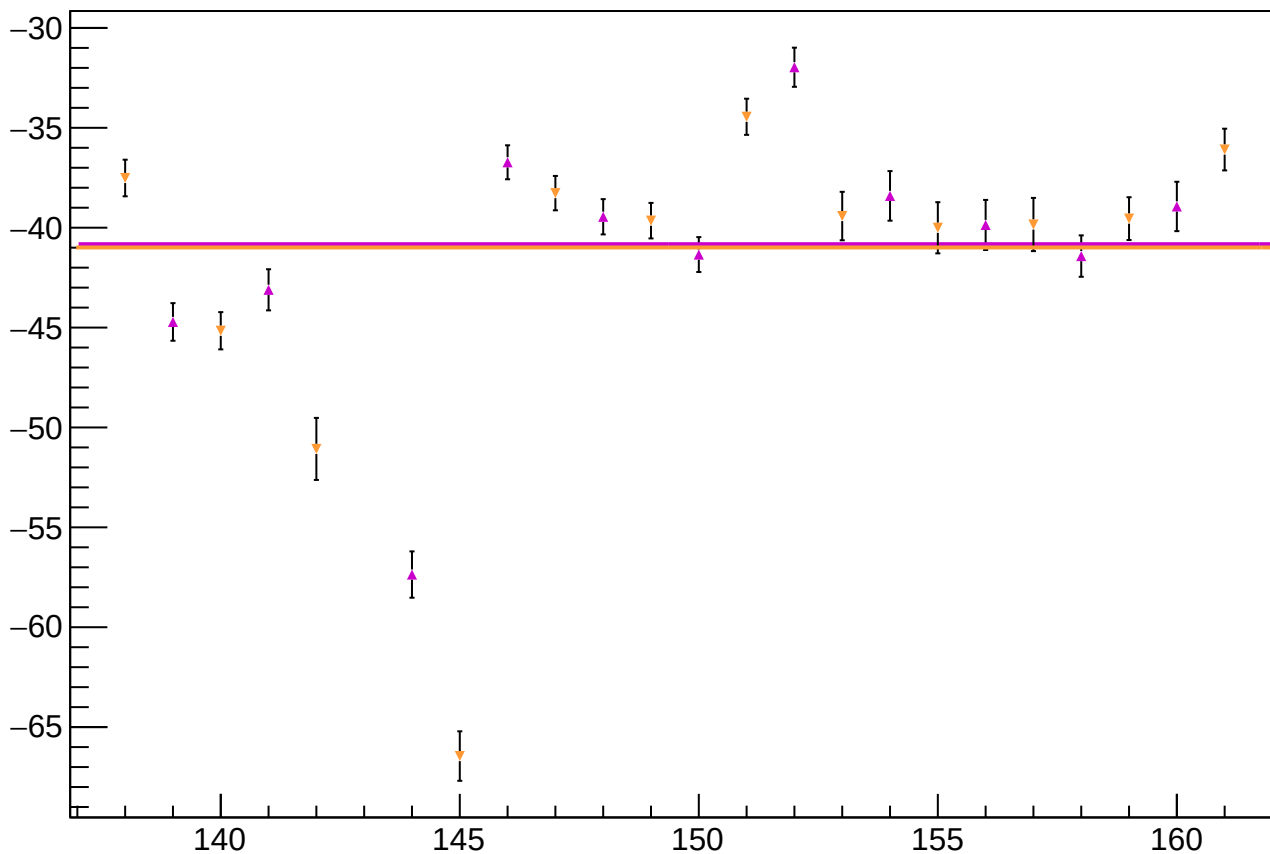
Left In: -21.653 ± 0.012 $\chi^2/\text{NDF}: 95367.7/10$

+ sign -21.096 ± 0.009 $\chi^2/\text{NDF}: 154887.6/27$

All: -21.248 ± 0.007 $\chi^2/\text{NDF}: 346180.2/56$

- sign -21.399 ± 0.009 $\chi^2/\text{NDF}: 190767.8/28$

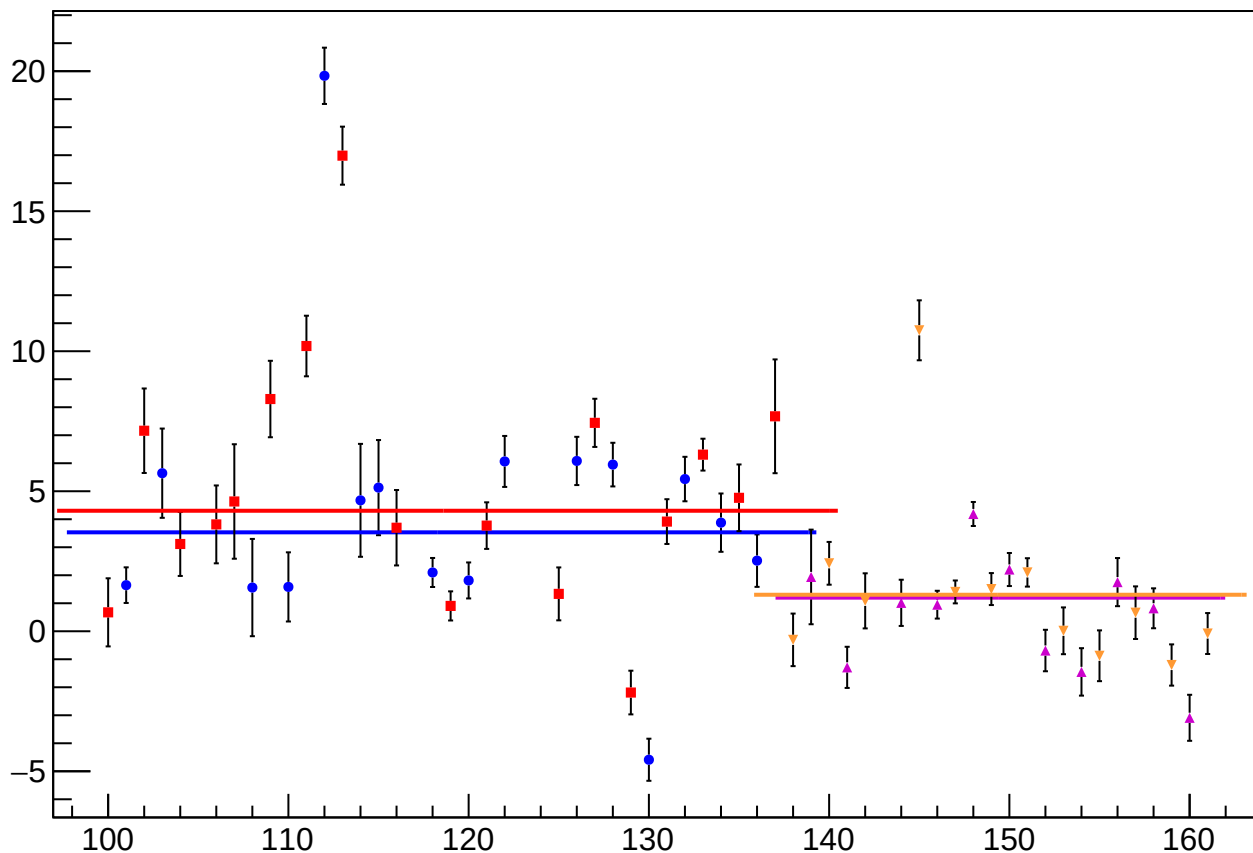
reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.989+/-0.303 χ^2/NDF : 590.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.825+/-0.306 χ^2/NDF : 340.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -40.908+/-0.215 χ^2/NDF : 930.7/22
 - 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: 1.304 ± 0.199 $\chi^2/\text{NDF}: 109.4/11$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

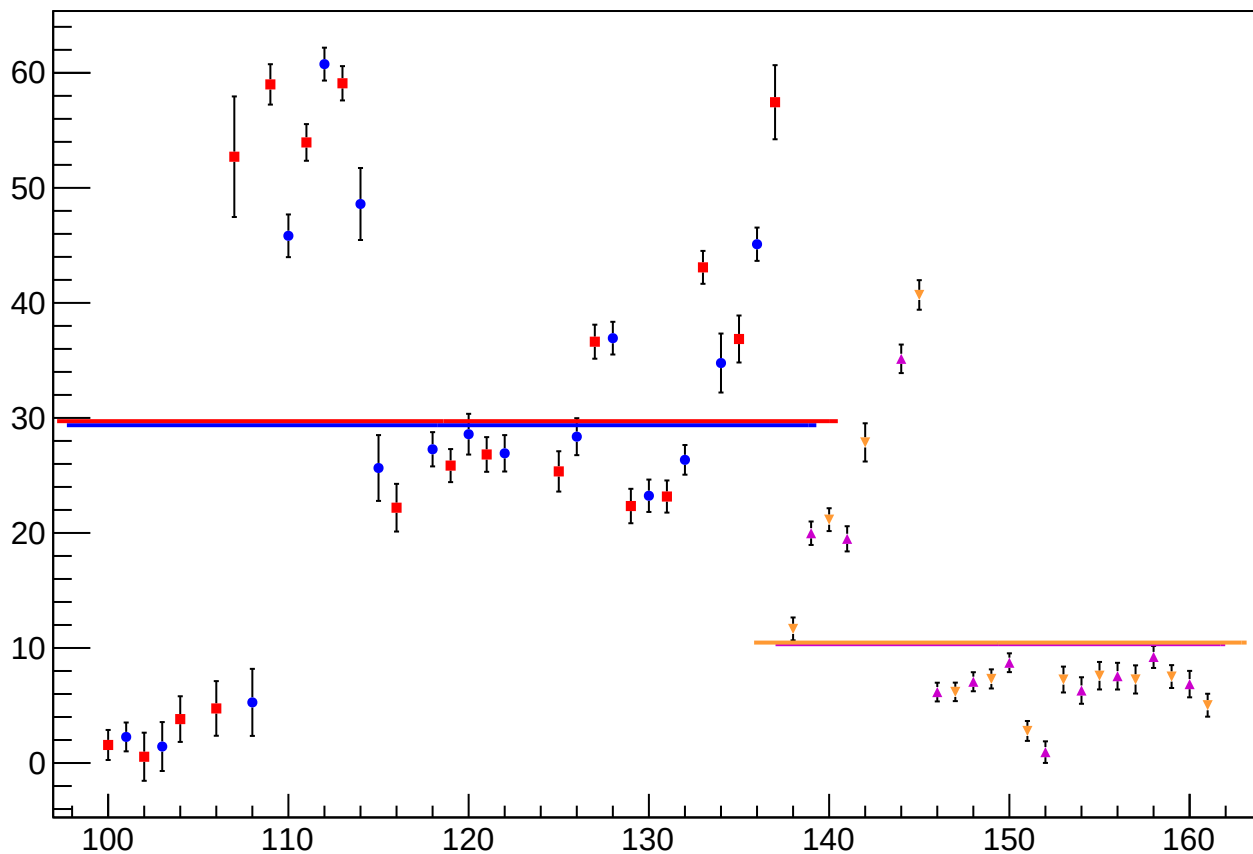
Left In: 1.200 ± 0.204 $\chi^2/\text{NDF}: 107.7/10$

+ sign 2.322 ± 0.147 $\chi^2/\text{NDF}: 609.9/27$

All: 2.469 ± 0.105 $\chi^2/\text{NDF}: 1178.6/56$

- sign 2.623 ± 0.150 $\chi^2/\text{NDF}: 566.7/28$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 ± 0.416 $\chi^2/\text{NDF}: 1488.7/15$

Left Out: 10.469 ± 0.295 $\chi^2/\text{NDF}: 961.0/11$

Right Out: 29.719 ± 0.402 $\chi^2/\text{NDF}: 2129.5/17$

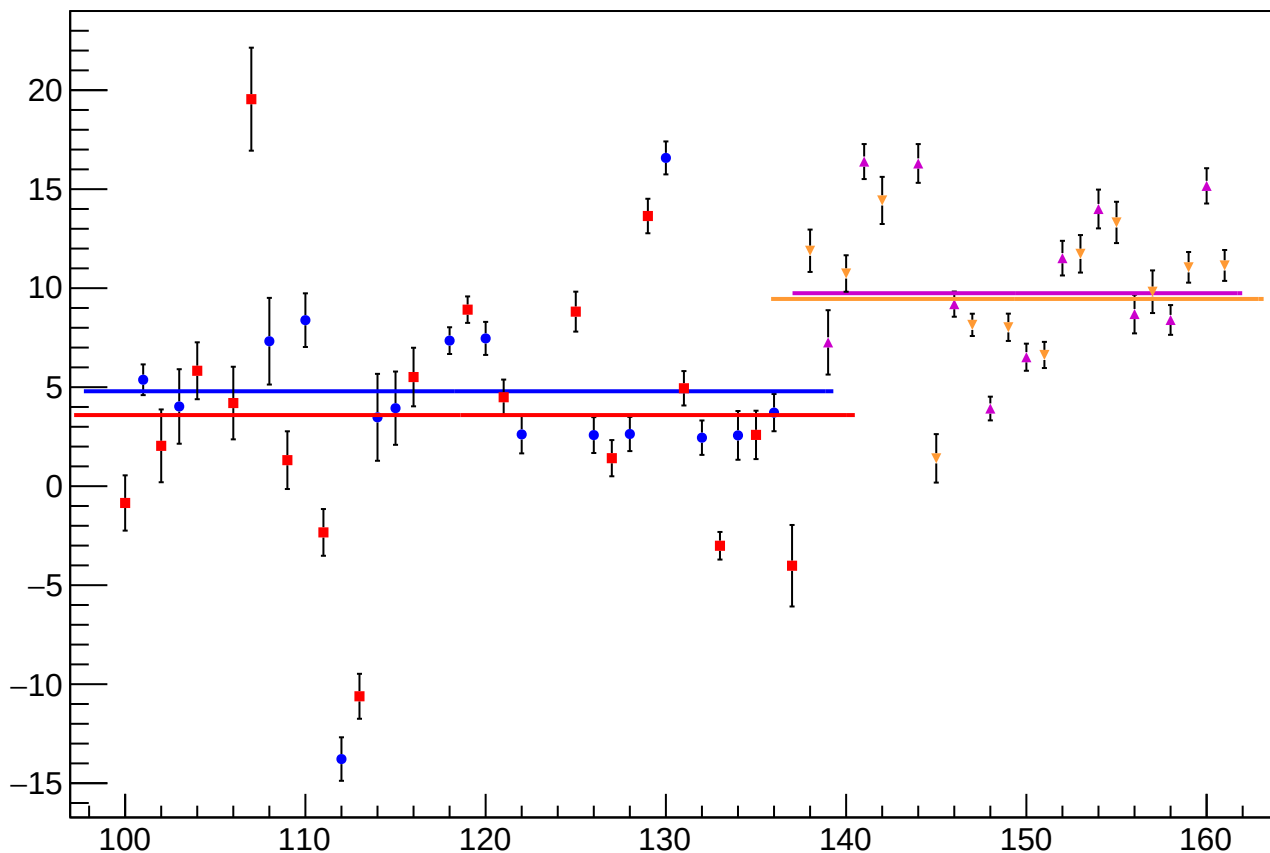
Left In: 10.329 ± 0.296 $\chi^2/\text{NDF}: 733.6/10$

+ sign 16.779 ± 0.241 $\chi^2/\text{NDF}: 3821.1/27$

All: 16.963 ± 0.169 $\chi^2/\text{NDF}: 8190.7/56$

- sign 17.145 ± 0.239 $\chi^2/\text{NDF}: 4368.4/28$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 χ^2/NDF : 550.0/15

Left Out: 9.456 ± 0.241 χ^2/NDF : 124.5/11

Right Out: 3.591 ± 0.254 χ^2/NDF : 573.3/17

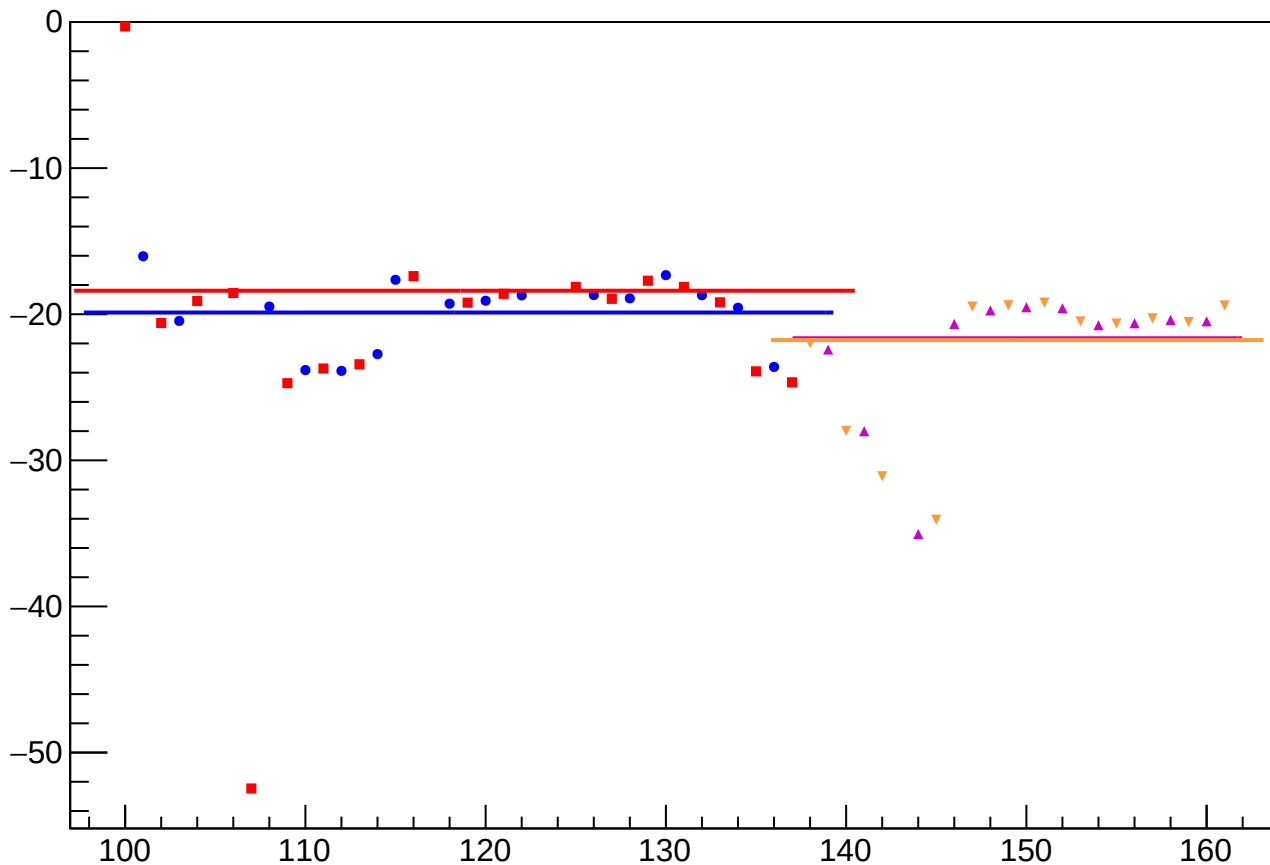
Left In: 9.746 ± 0.246 χ^2/NDF : 285.6/10

+ sign 7.219 ± 0.174 χ^2/NDF : 853.8/27

All: 6.999 ± 0.124 χ^2/NDF : 2018.3/56

- sign 6.772 ± 0.177 χ^2/NDF : 1161.3/28

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -21.770 ± 0.012 $\chi^2/\text{NDF}: 119538.5/11$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

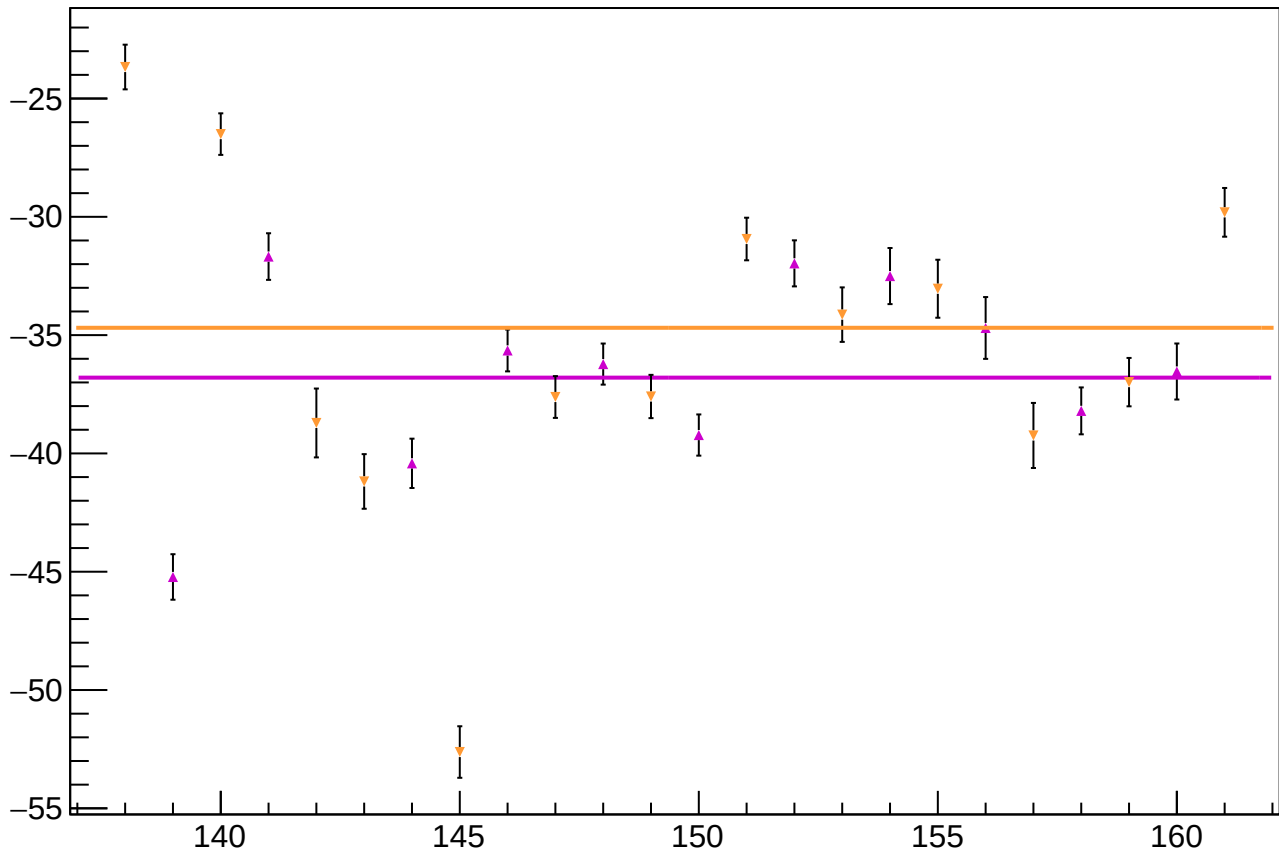
Left In: -21.643 ± 0.012 $\chi^2/\text{NDF}: 95303.7/10$

+ sign -21.087 ± 0.009 $\chi^2/\text{NDF}: 154982.0/27$

All: -20.731 ± 0.007 $\chi^2/\text{NDF}: 584343.0/56$

- sign -20.392 ± 0.009 $\chi^2/\text{NDF}: 426541.6/28$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.690+/-0.288 χ^2/NDF : 612.3/12

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

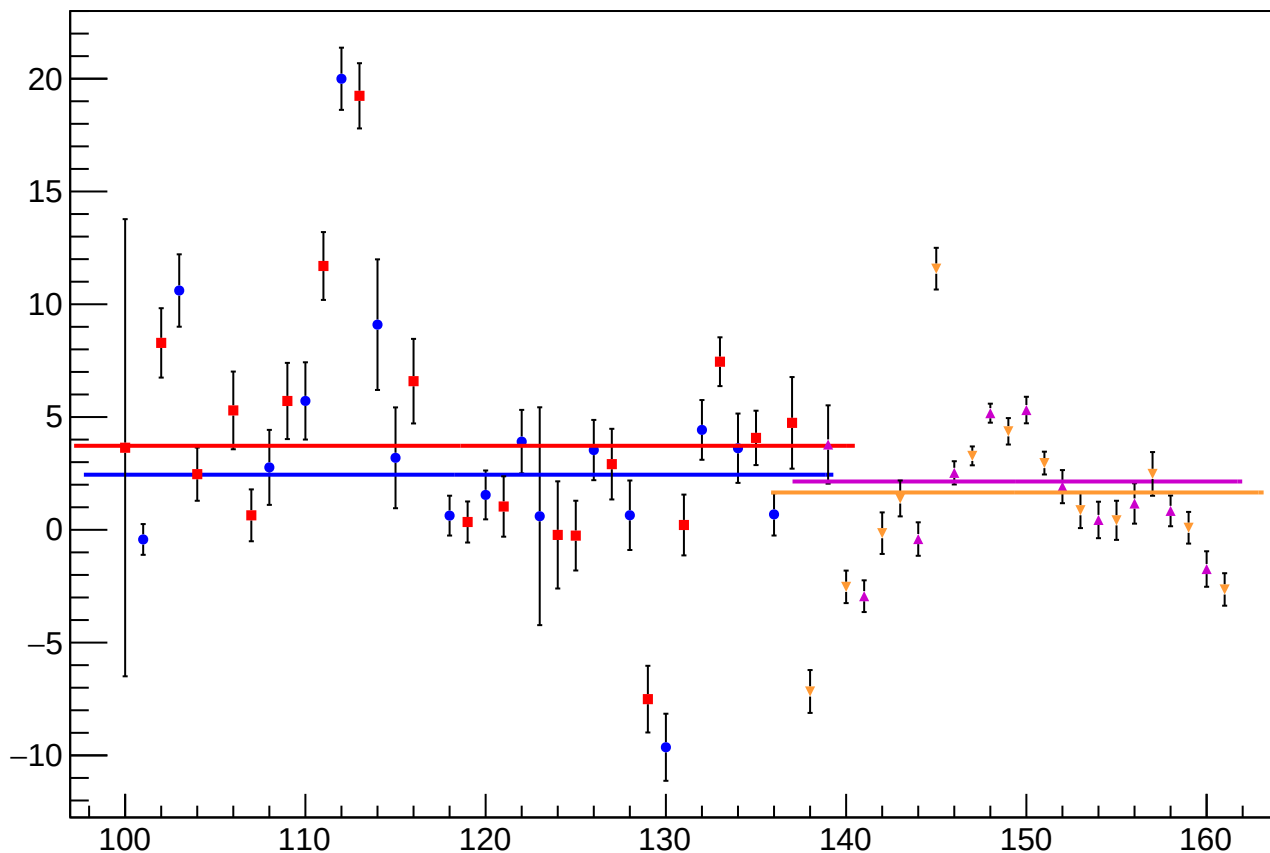
Left In: -36.797+/-0.301 χ^2/NDF : 168.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.697+/-0.208 χ^2/NDF : 806.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: 1.656 ± 0.191 χ^2/NDF : 326.5/12

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

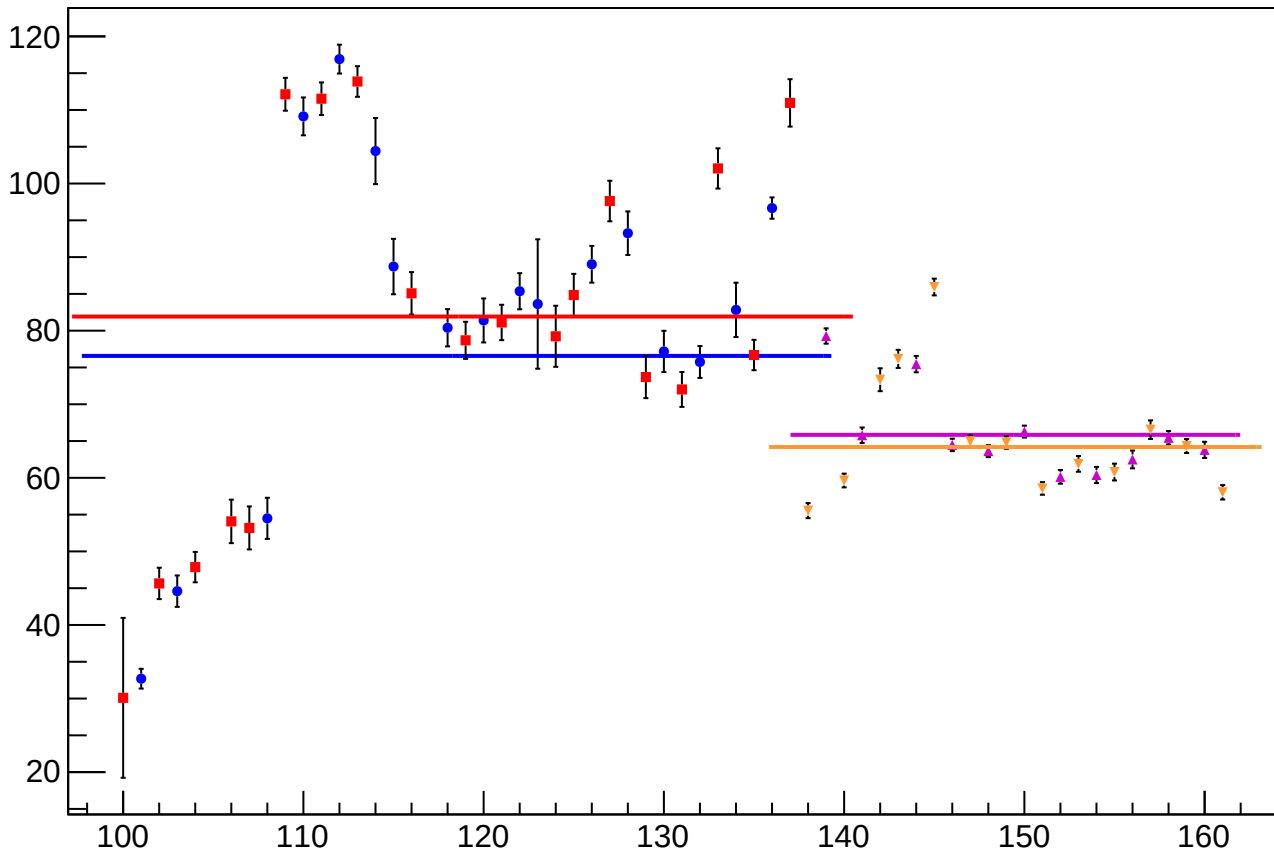
Left In: 2.142 ± 0.201 χ^2/NDF : 179.9/10

+ sign 1.871 ± 0.163 χ^2/NDF : 626.5/29

All: 2.206 ± 0.118 χ^2/NDF : 1101.5/59

- sign 2.575 ± 0.171 χ^2/NDF : 466.1/29

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2/NDF : 2253.6/16

Left Out: 64.190 $\pm$ 0.282 χ^2/NDF : 690.0/12

Right Out: 81.923 $\pm$ 0.592 χ^2/NDF : 1570.6/18

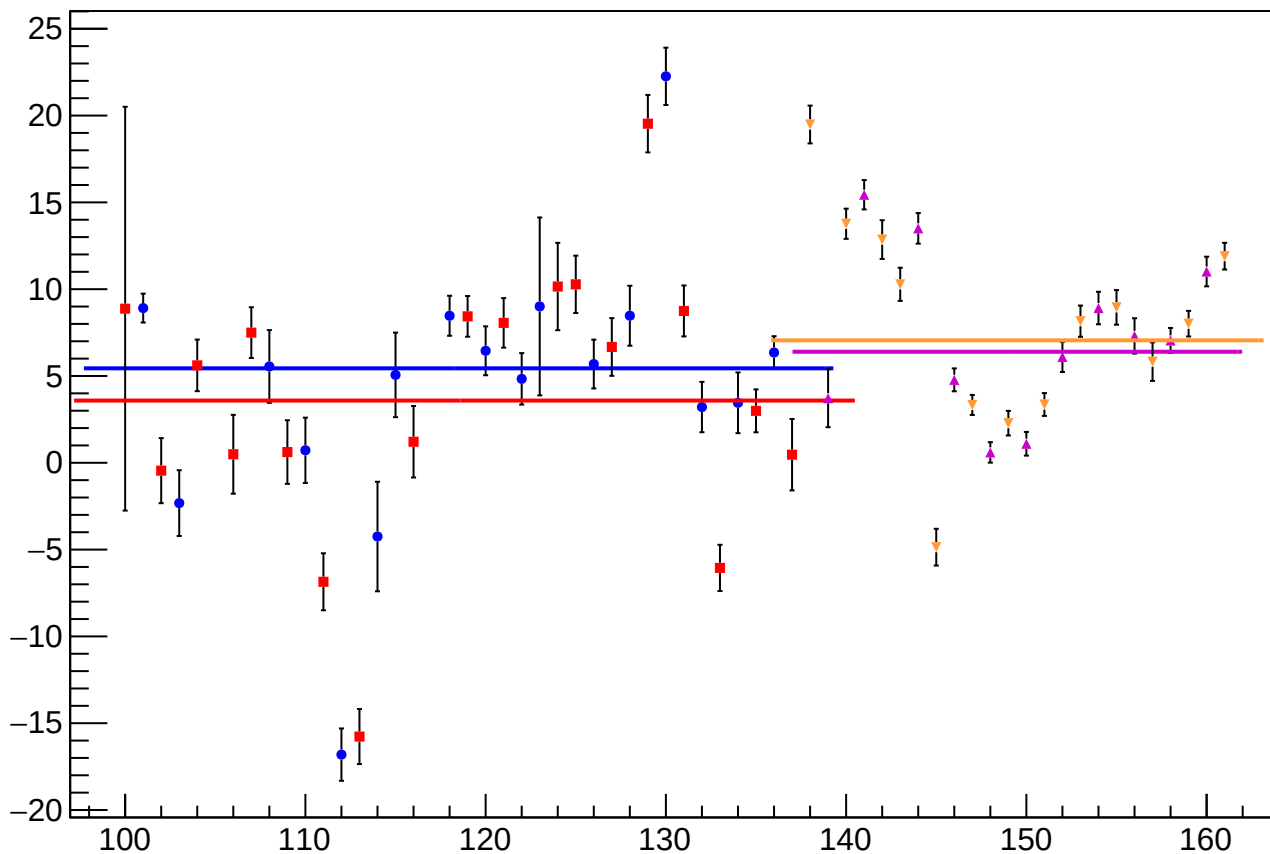
Left In: 65.842 $\pm$ 0.292 χ^2/NDF : 324.4/10

+ sign 66.606 $\pm$ 0.253 χ^2/NDF : 3319.0/29

All: 67.758 $\pm$ 0.182 χ^2/NDF : 5850.5/59

- sign 68.989 $\pm$ 0.262 χ^2/NDF : 2488.7/29

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 7.053 ± 0.230 $\chi^2/\text{NDF}: 521.9/12$

Right Out: 3.585 ± 0.375 $\chi^2/\text{NDF}: 423.2/18$

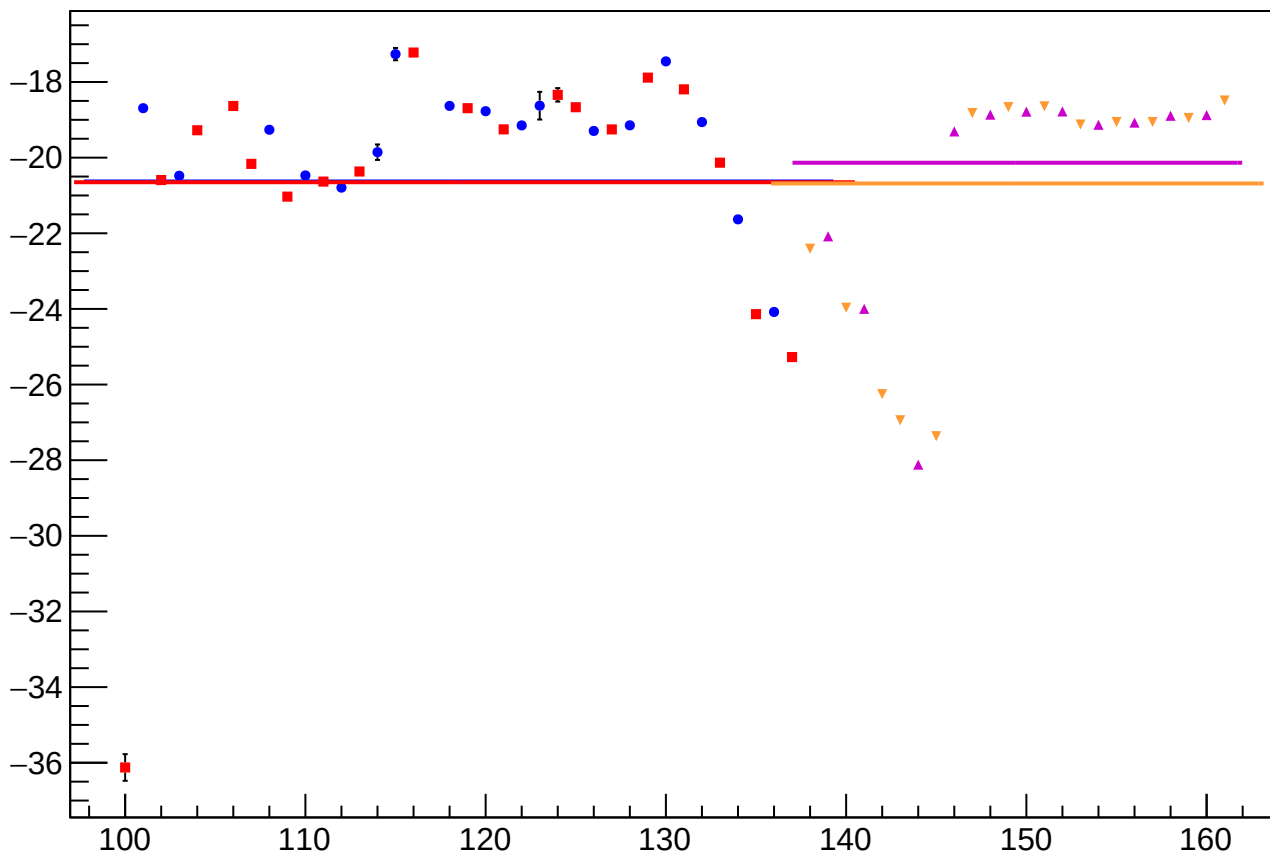
Left In: 6.396 ± 0.242 $\chi^2/\text{NDF}: 383.6/10$

+ sign 6.580 ± 0.194 $\chi^2/\text{NDF}: 923.8/29$

All: 6.101 ± 0.140 $\chi^2/\text{NDF}: 1783.2/59$

- sign 5.572 ± 0.203 $\chi^2/\text{NDF}: 846.5/29$

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -20.683 ± 0.011 $\chi^2/\text{NDF}: 73629.7/12$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

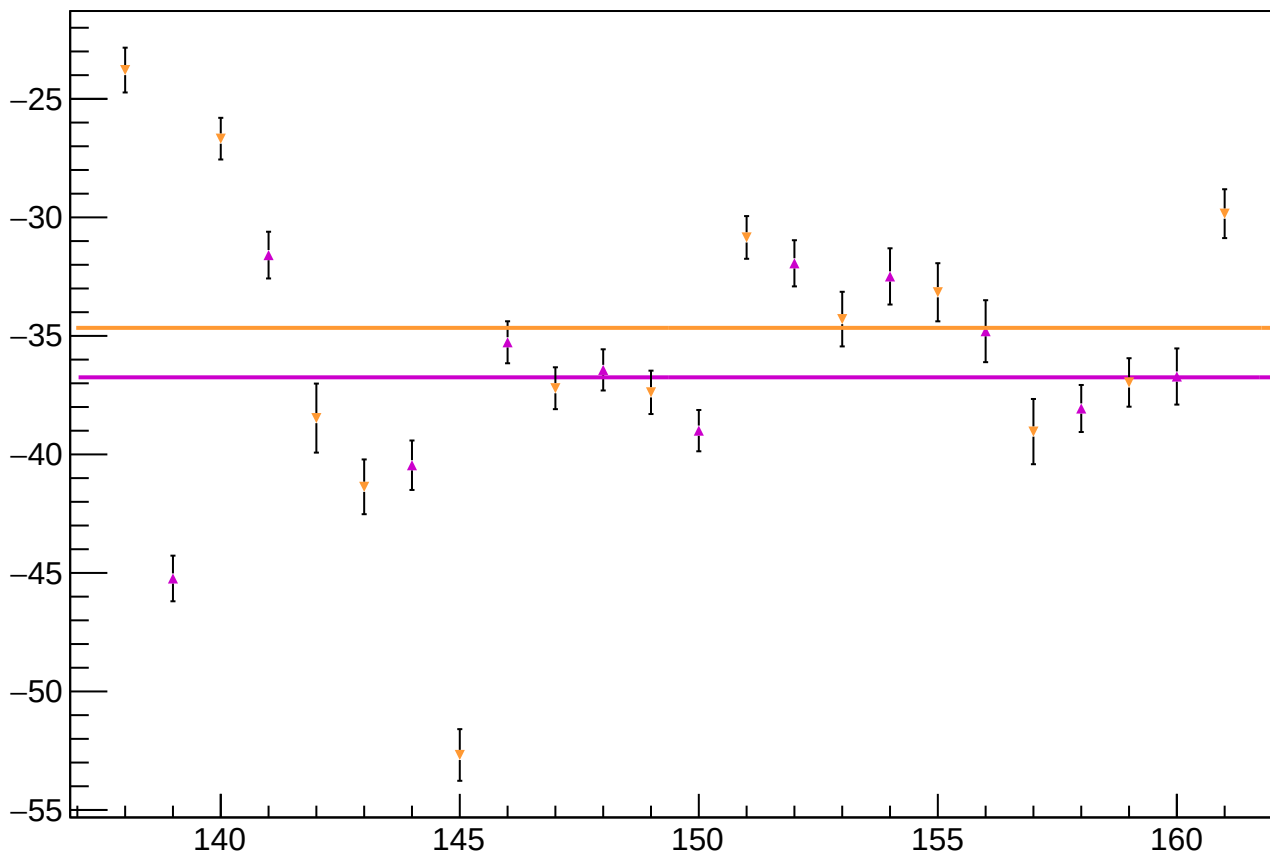
Left In: -20.135 ± 0.011 $\chi^2/\text{NDF}: 46319.3/10$

+ sign -20.670 ± 0.010 $\chi^2/\text{NDF}: 86125.8/29$

All: -20.473 ± 0.007 $\chi^2/\text{NDF}: 147693.7/59$

- sign -20.268 ± 0.010 $\chi^2/\text{NDF}: 60725.3/29$

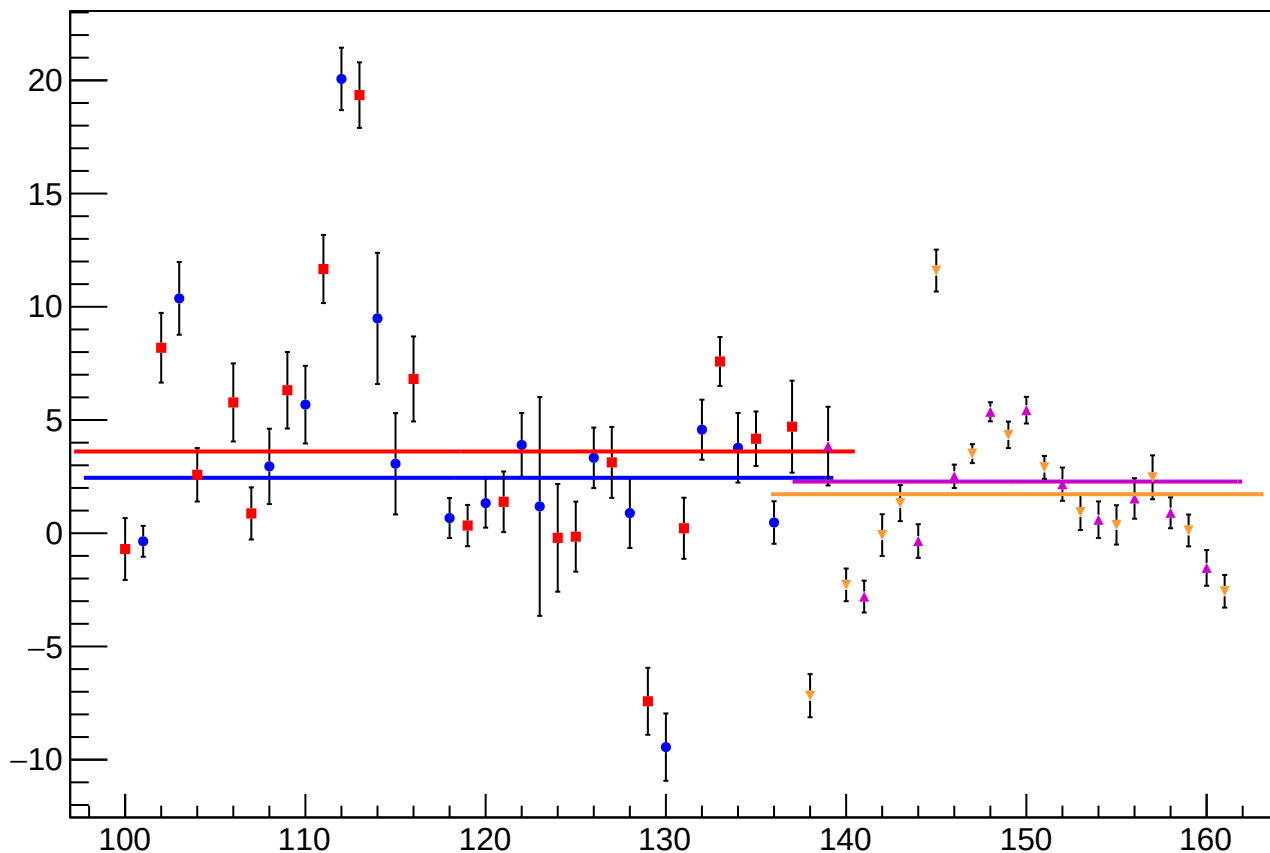
reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.661+/-0.288 χ^2/NDF : 602.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.748+/-0.301 χ^2/NDF : 168.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -35.659+/-0.208 χ^2/NDF : 796.2/23
 - 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: 1.722 ± 0.191 χ^2/NDF : 324.9/12

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

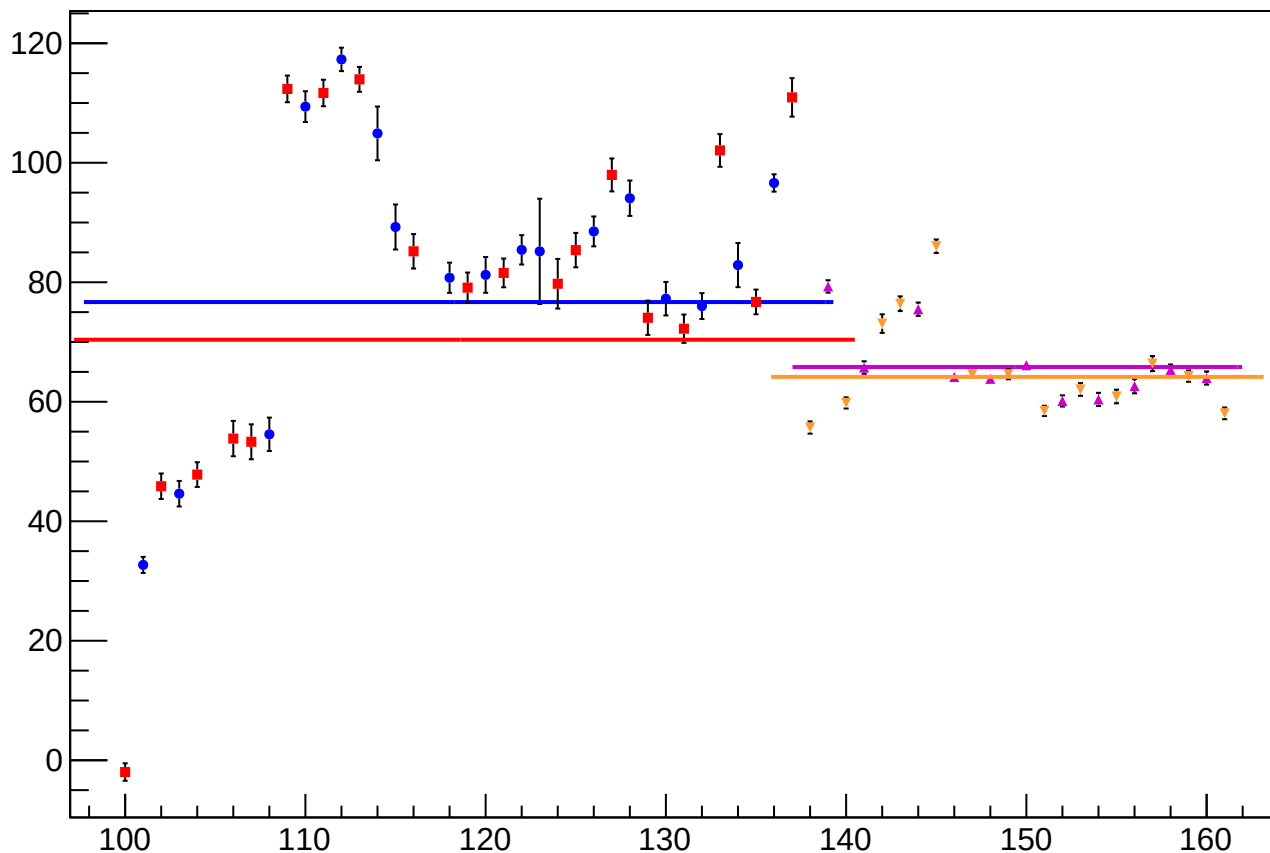
Left In: 2.282 ± 0.201 χ^2/NDF : 180.3/10

+ sign 1.921 ± 0.163 χ^2/NDF : 622.2/29

All: 2.275 ± 0.117 χ^2/NDF : 1104.3/59

- sign 2.660 ± 0.170 χ^2/NDF : 472.2/29

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2/NDF : 2265.1/16

Left Out: 64.165 $\pm$ 0.282 χ^2/NDF : 688.7/12

Right Out: 70.386 $\pm$ 0.550 χ^2/NDF : 4391.1/18

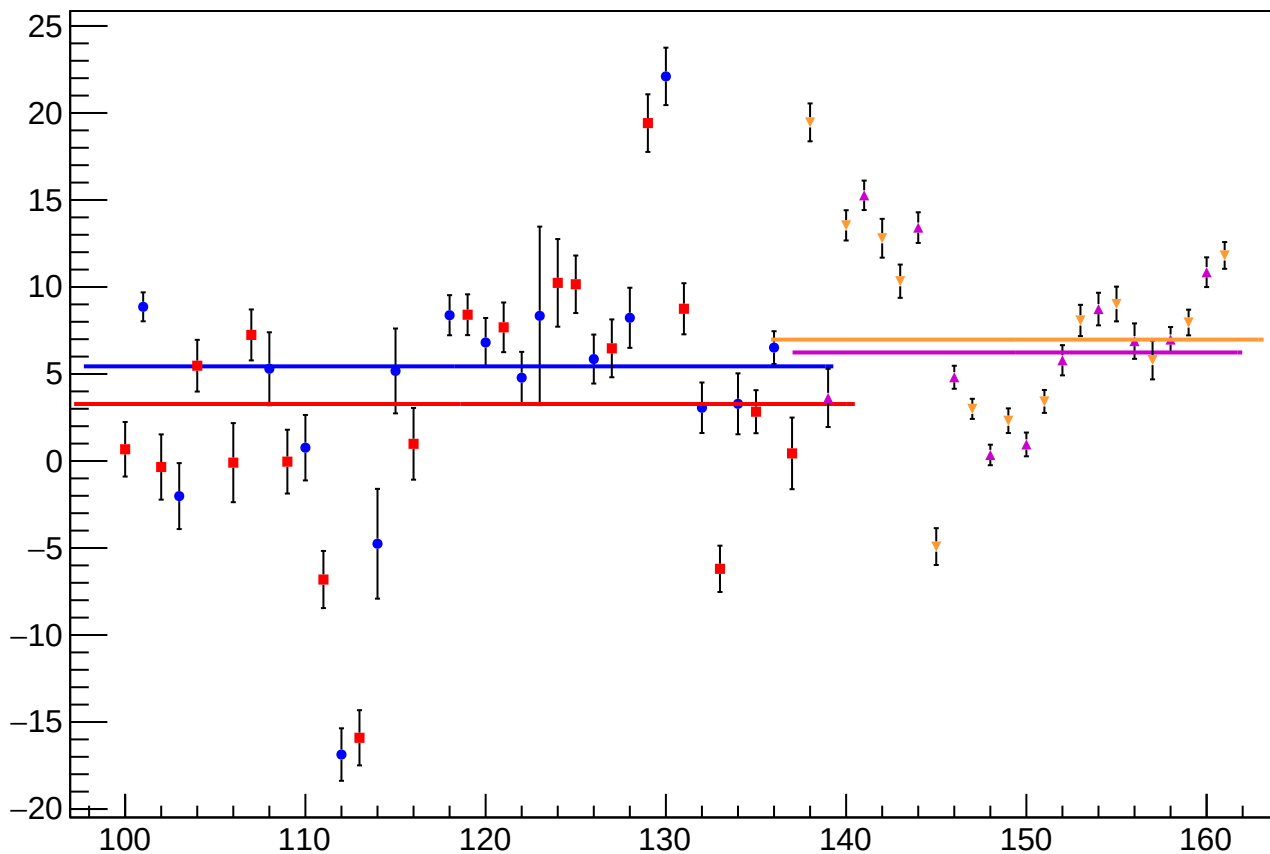
Left In: 65.816 $\pm$ 0.292 χ^2/NDF : 324.0/10

+ sign 66.609 $\pm$ 0.253 χ^2/NDF : 3337.3/29

All: 66.714 $\pm$ 0.181 χ^2/NDF : 8106.7/59

- sign 66.823 $\pm$ 0.258 χ^2/NDF : 4769.0/29

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 6.976 ± 0.230 $\chi^2/\text{NDF}: 522.3/12$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

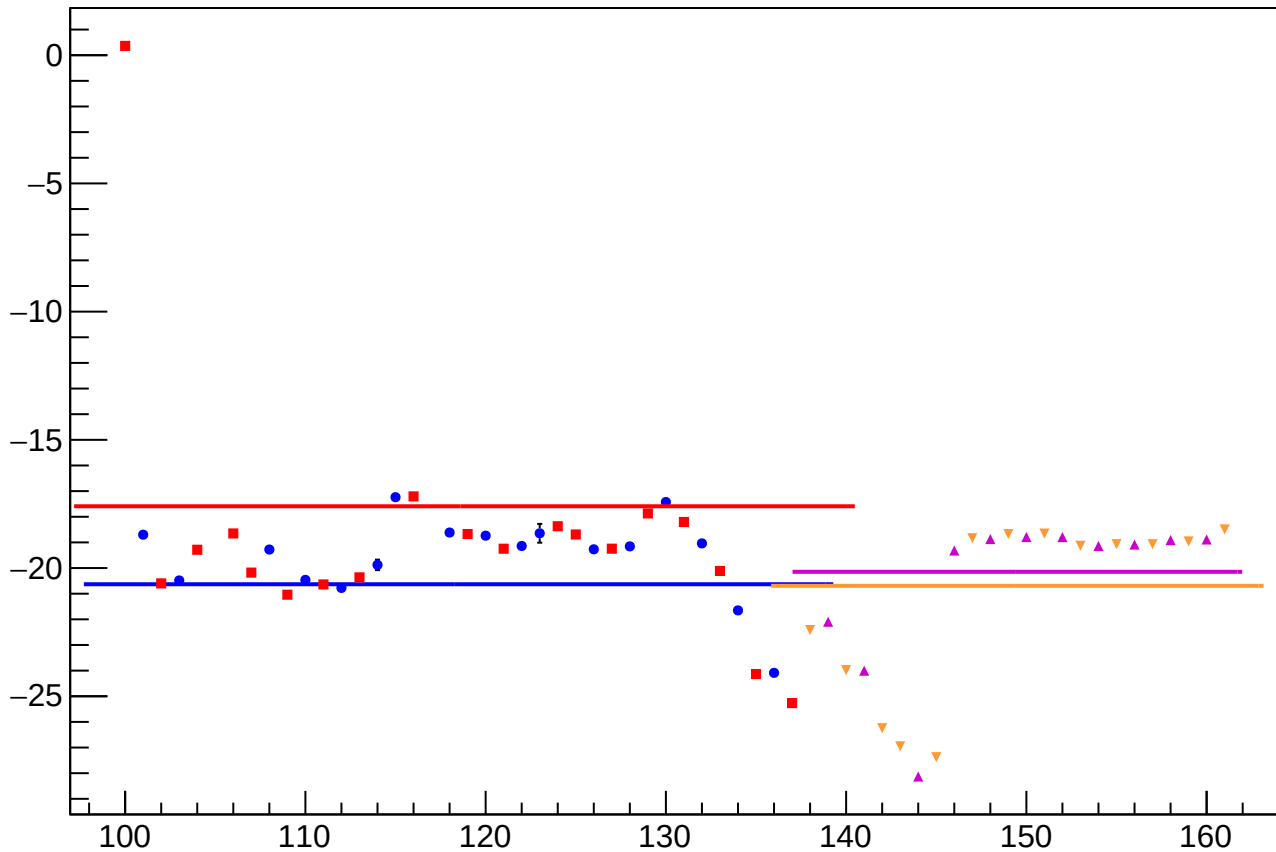
Left In: 6.237 ± 0.242 $\chi^2/\text{NDF}: 385.0/10$

+ sign 6.525 ± 0.194 $\chi^2/\text{NDF}: 921.3/29$

All: 5.954 ± 0.140 $\chi^2/\text{NDF}: 1796.0/59$

- sign 5.334 ± 0.202 $\chi^2/\text{NDF}: 856.5/29$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 χ^2/NDF : 12530.8/16

Left Out: -20.693 ± 0.011 χ^2/NDF : 73477.9/12

Right Out: -17.591 ± 0.018 χ^2/NDF : 178680.7/18

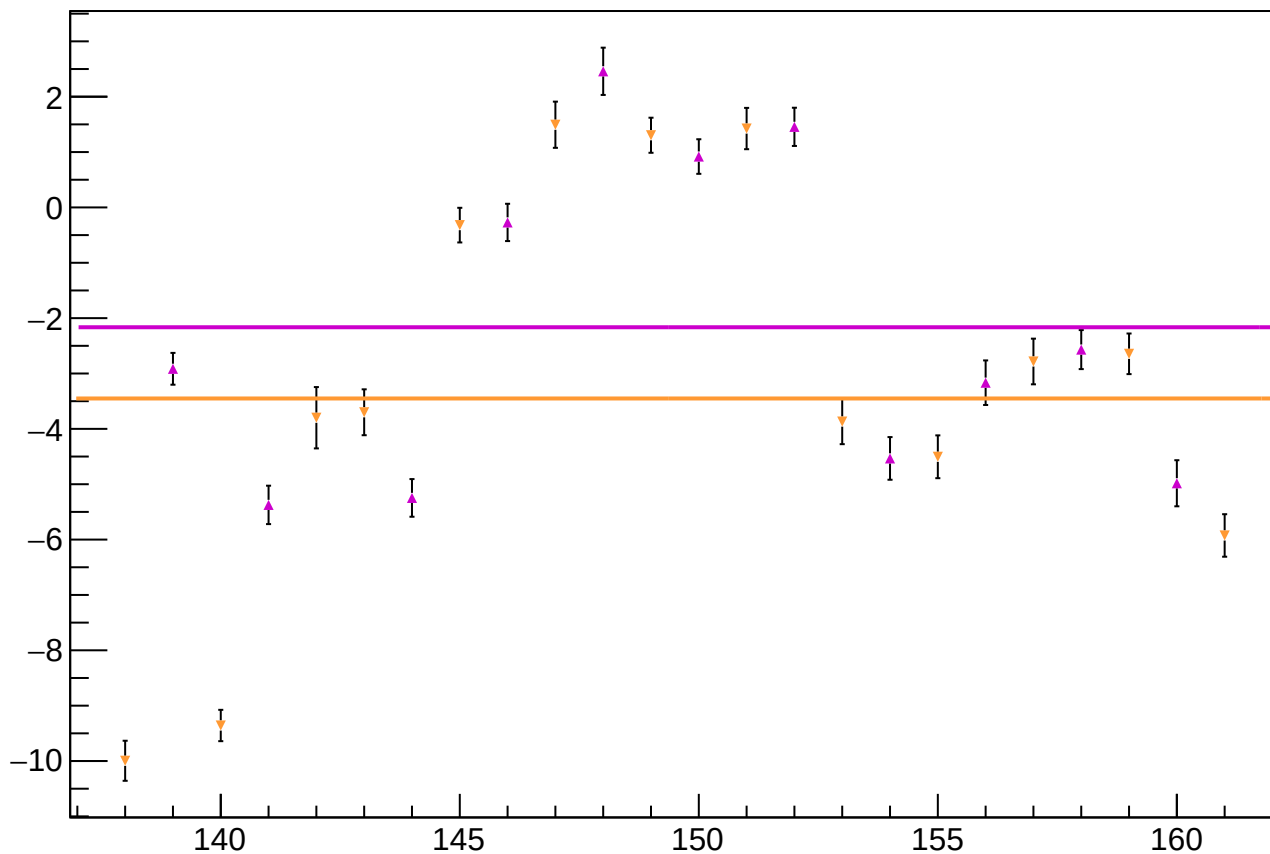
Left In: -20.146 ± 0.011 χ^2/NDF : 46248.9/10

+ sign -20.678 ± 0.010 χ^2/NDF : 86016.3/29

All: -20.042 ± 0.007 χ^2/NDF : 333844.2/59

- sign -19.407 ± 0.010 χ^2/NDF : 239231.4/29

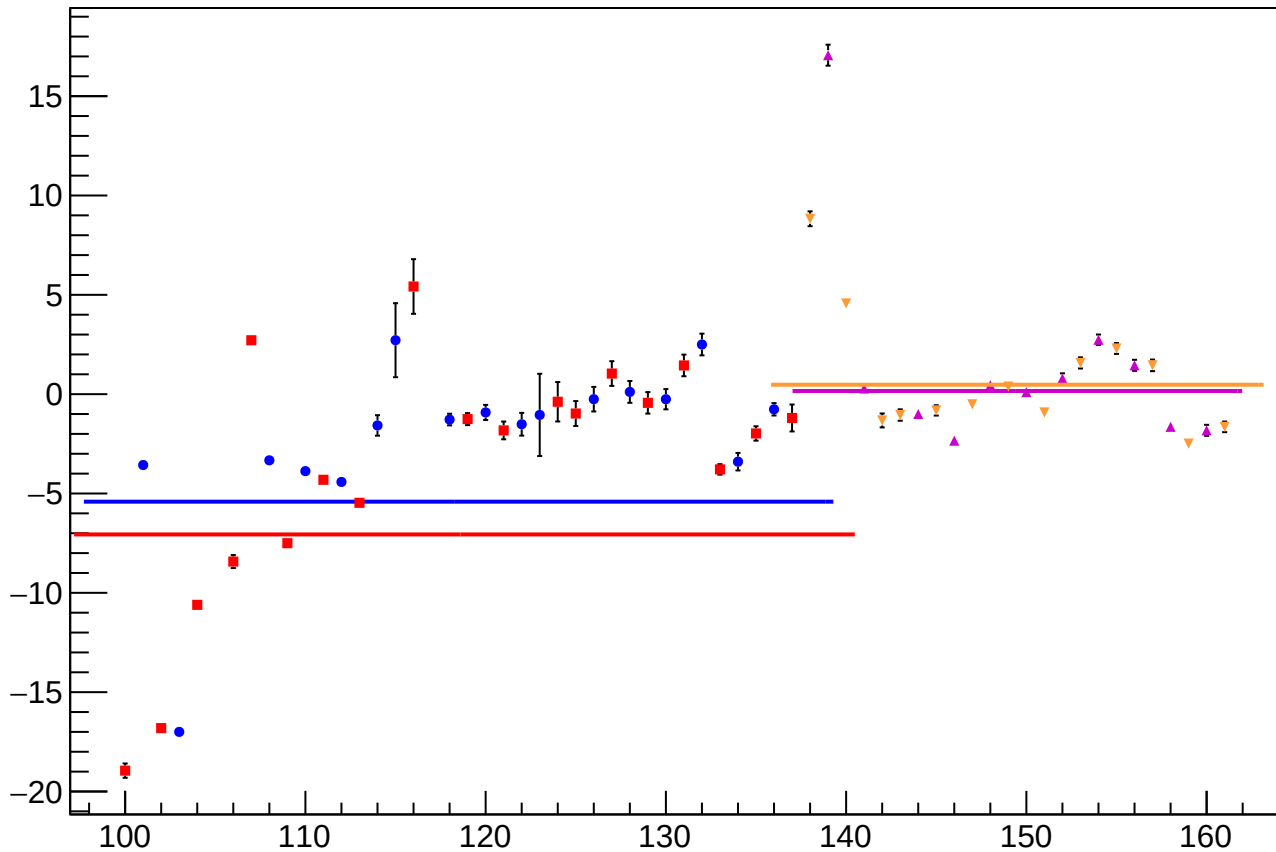
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.451 $\pm$ 0.103 χ^2 /NDF:1458.0/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.165 $\pm$ 0.106 χ^2 /NDF:621.9/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.830 $\pm$ 0.074 χ^2 /NDF: 2155.9/23
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411 $\pm$ 0.055 χ^2 /NDF: 9261.2/16

Left Out: 0.475 $\pm$ 0.071 χ^2 /NDF: 1215.2/12

Right Out: -7.060 $\pm$ 0.059 χ^2 /NDF: 12329.4/18

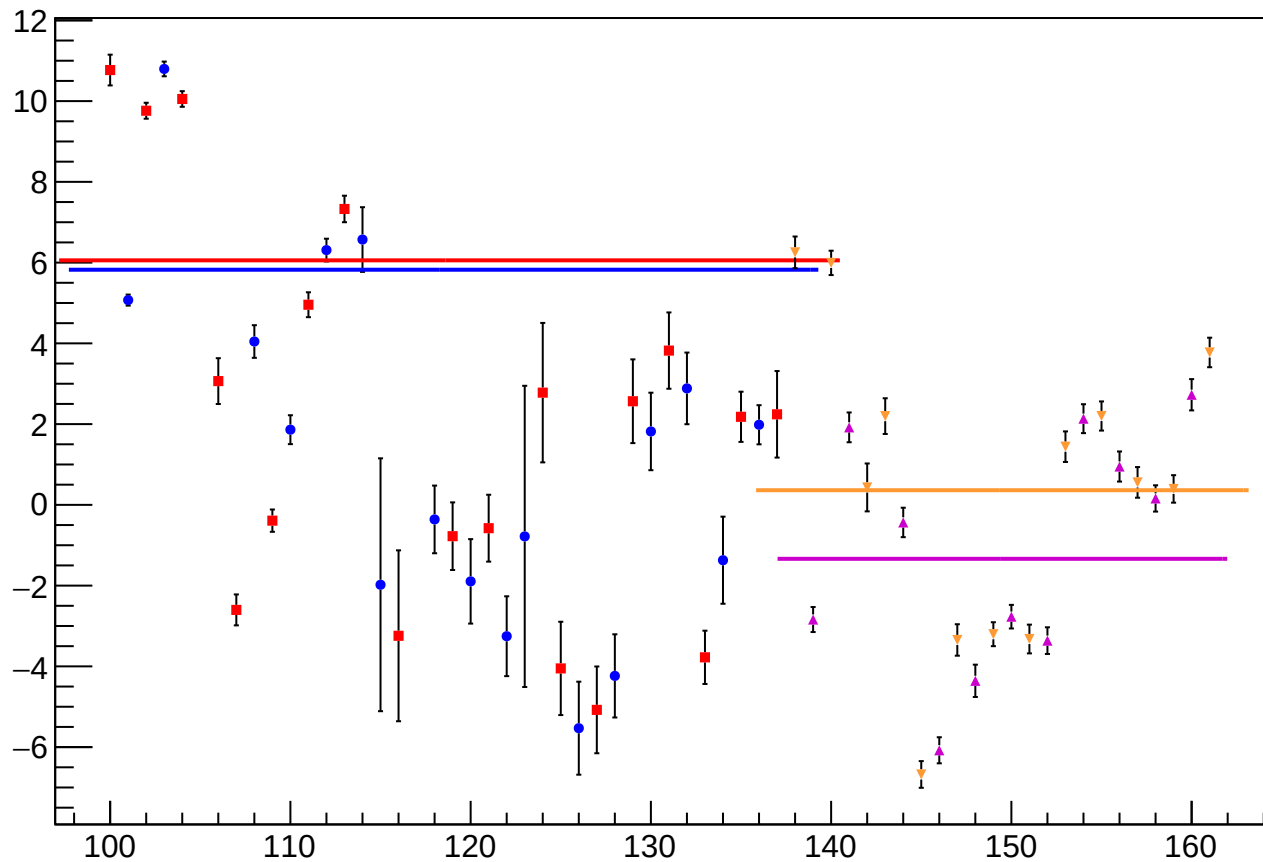
Left In: 0.159 $\pm$ 0.076 χ^2 /NDF: 1412.0/10

+ sign -3.230 $\pm$ 0.043 χ^2 /NDF: 14760.9/29

All: -3.739 $\pm$ 0.032 χ^2 /NDF: 34466.3/59

- sign -4.323 $\pm$ 0.047 χ^2 /NDF: 19410.6/29

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 ± 0.090 χ^2/NDF : 1452.6/16

Left Out: 0.362 ± 0.101 χ^2/NDF : 1509.0/12

Right Out: 6.056 ± 0.093 χ^2/NDF : 2668.9/18

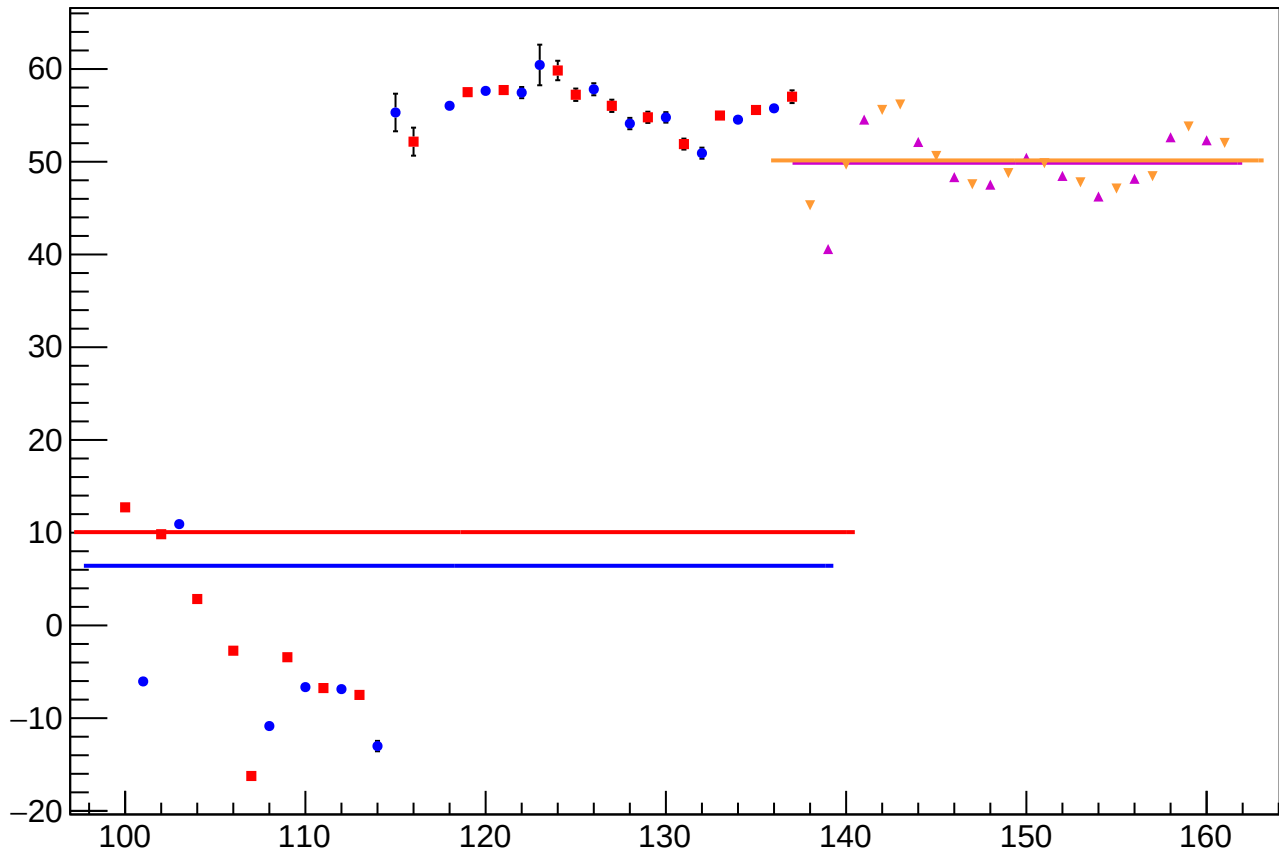
Left In: -1.336 ± 0.104 χ^2/NDF : 704.5/10

+ sign 3.417 ± 0.067 χ^2/NDF : 4599.4/29

All: 3.093 ± 0.048 χ^2/NDF : 10830.7/59

- sign 2.747 ± 0.069 χ^2/NDF : 6183.0/29

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 50.143 ± 0.084 χ^2/NDF : 1133.8/12

Right Out: 10.060 ± 0.070 χ^2/NDF : 121816.0/18

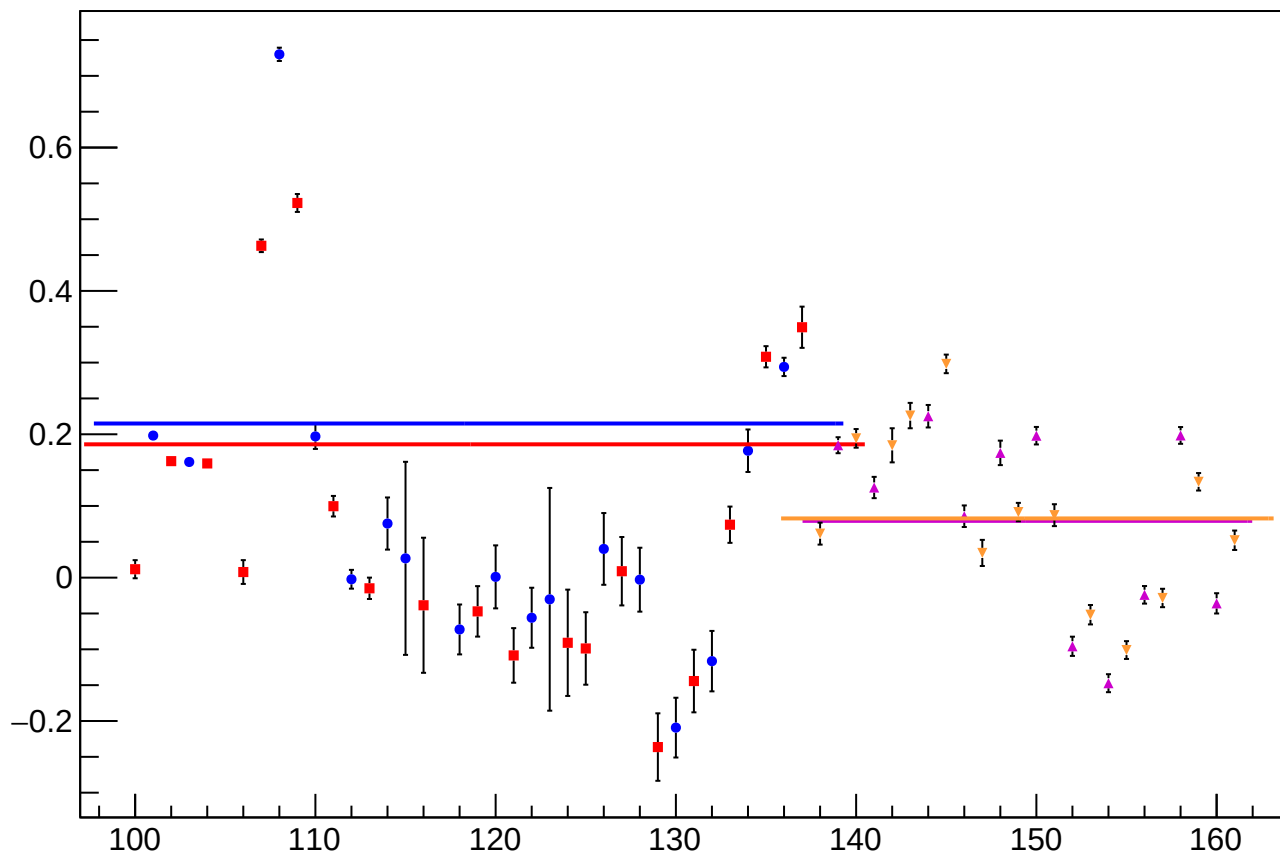
Left In: 49.890 ± 0.089 χ^2/NDF : 1114.6/10

+ sign 22.636 ± 0.051 χ^2/NDF : 293823.6/29

All: 23.881 ± 0.037 χ^2/NDF : 542811.0/59

- sign 25.300 ± 0.055 χ^2/NDF : 247728.6/29

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 ± 0.003 χ^2/NDF : 3930.1/16

Left Out: 0.083 ± 0.004 χ^2/NDF : 858.2/12

Right Out: 0.186 ± 0.003 χ^2/NDF : 2720.3/18

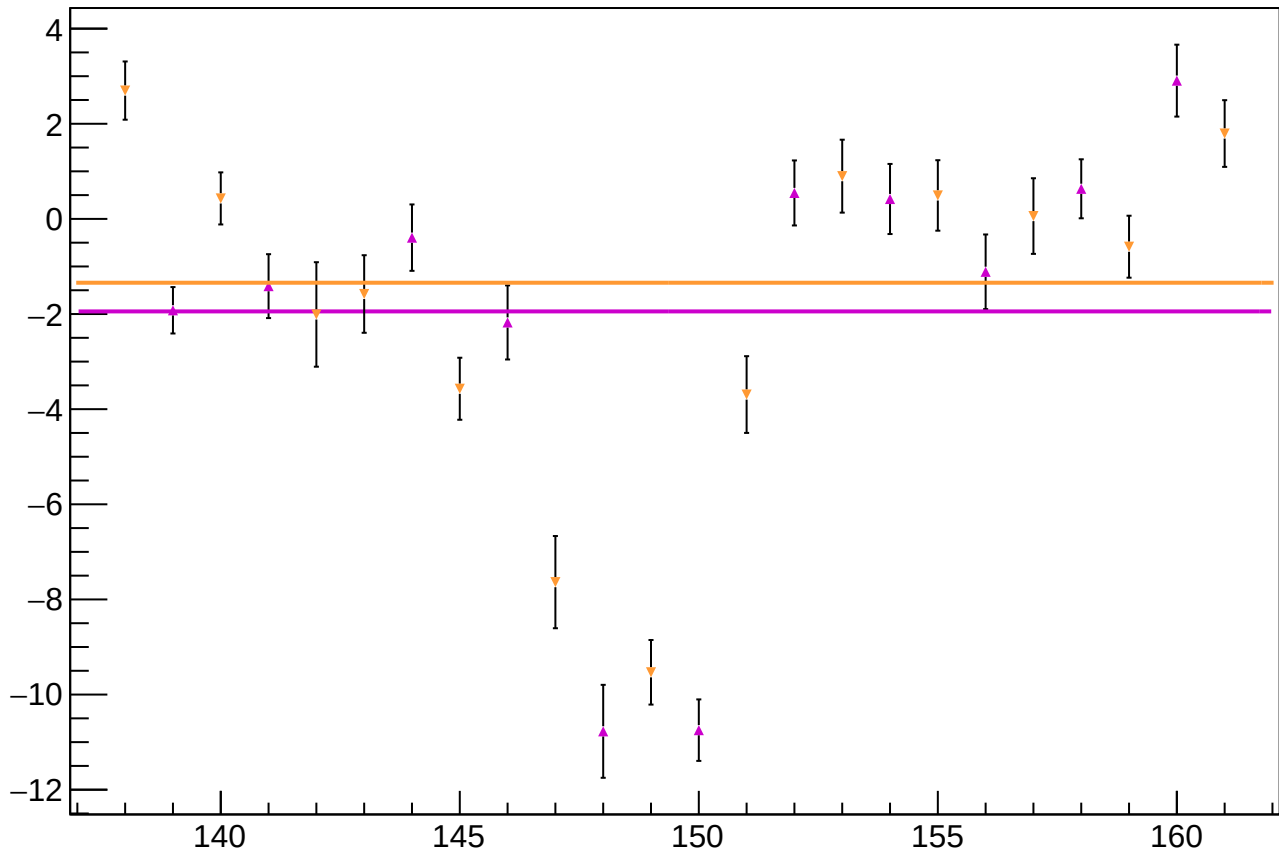
Left In: 0.079 ± 0.004 χ^2/NDF : 1048.7/10

+ sign 0.171 ± 0.002 χ^2/NDF : 5546.1/29

All: 0.162 ± 0.002 χ^2/NDF : 9836.5/59

- sign 0.153 ± 0.002 χ^2/NDF : 4257.5/29

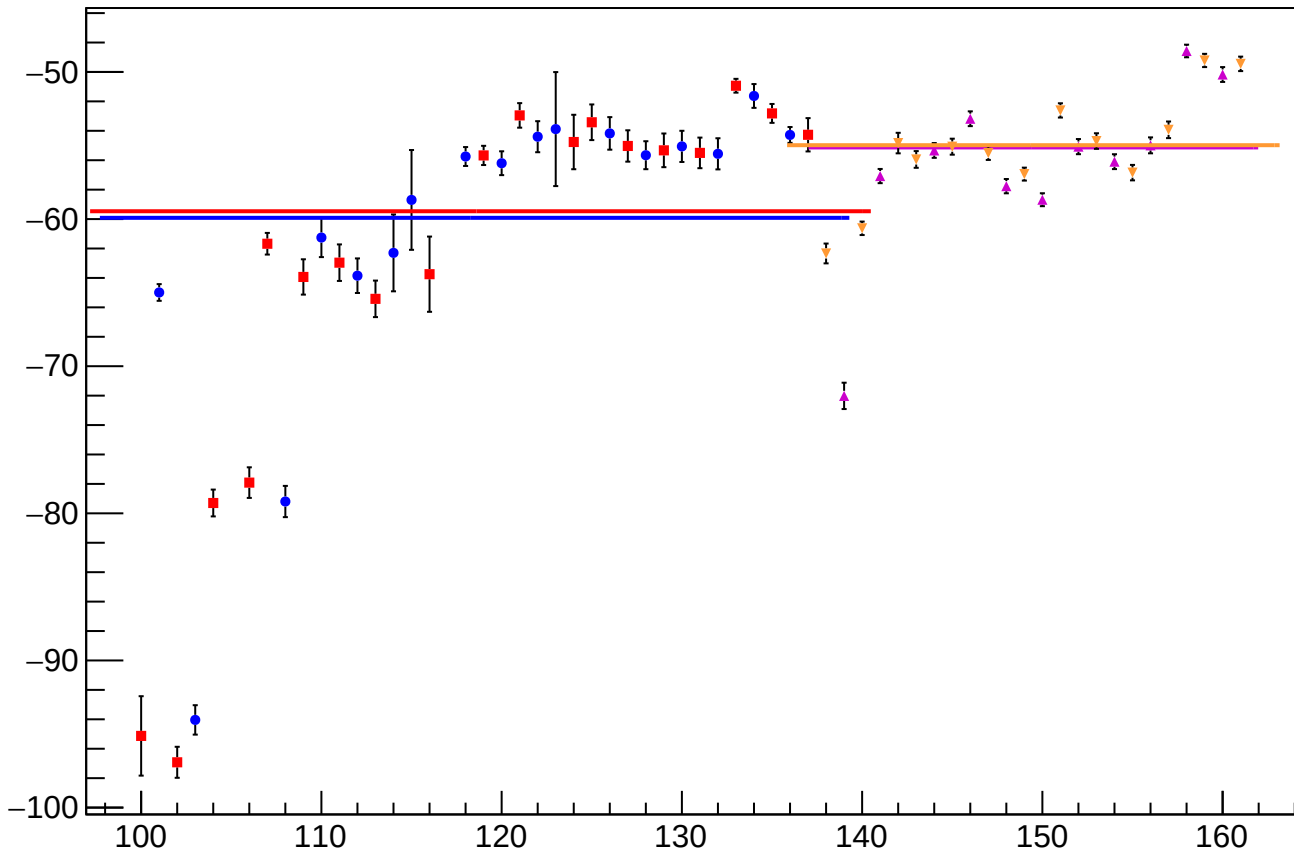
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.342+/-0.200 χ^2/NDF : 301.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.945+/-0.206 χ^2/NDF : 355.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.634+/-0.144 χ^2/NDF : 661.7/23
 - 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: -54.978 ± 0.143 χ^2/NDF : 626.6/12

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

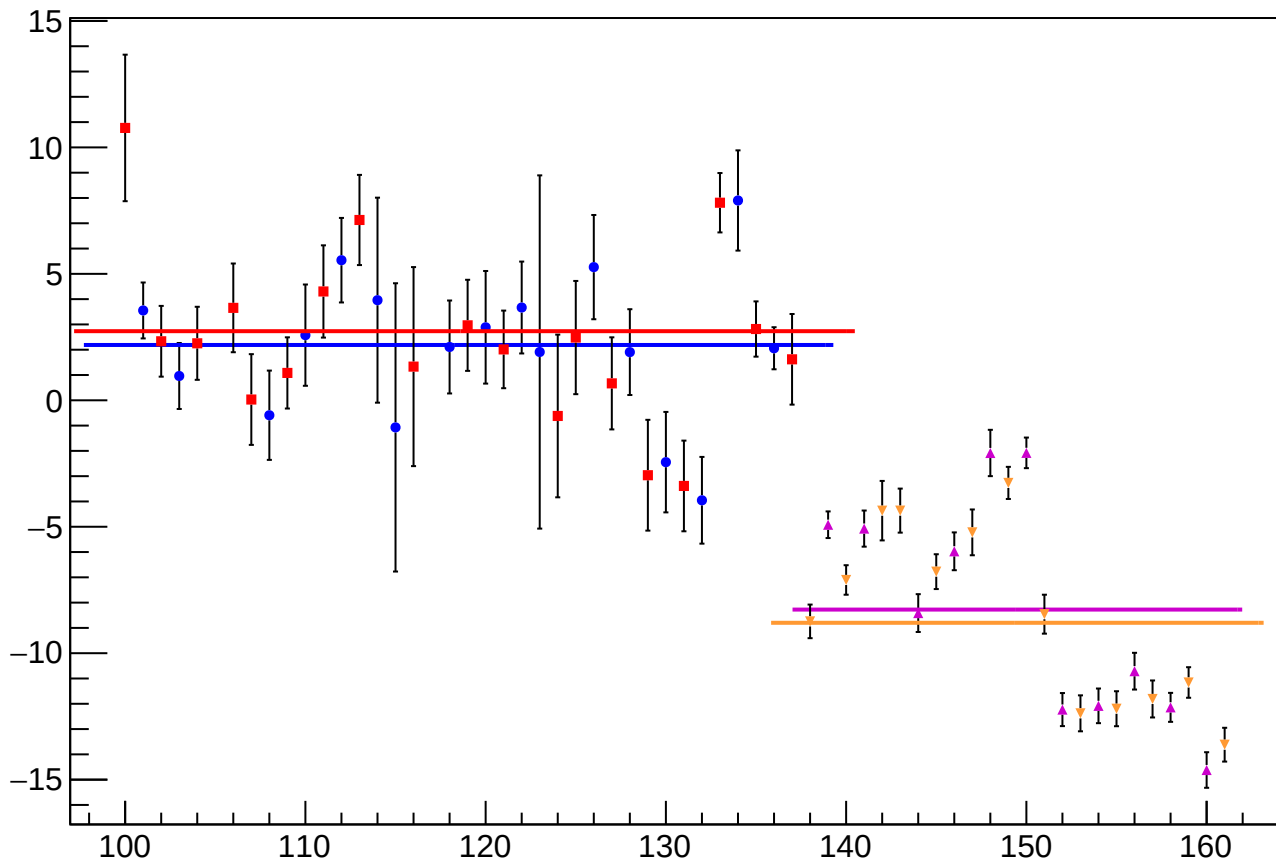
Left In: -55.131 ± 0.152 χ^2/NDF : 815.7/10

+ sign -56.417 ± 0.120 χ^2/NDF : 2953.3/29

All: -56.507 ± 0.086 χ^2/NDF : 6959.1/59

- sign -56.603 ± 0.124 χ^2/NDF : 4004.7/29

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -8.797 ± 0.197 $\chi^2/\text{NDF}: 282.6/12$

Right Out: 2.733 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

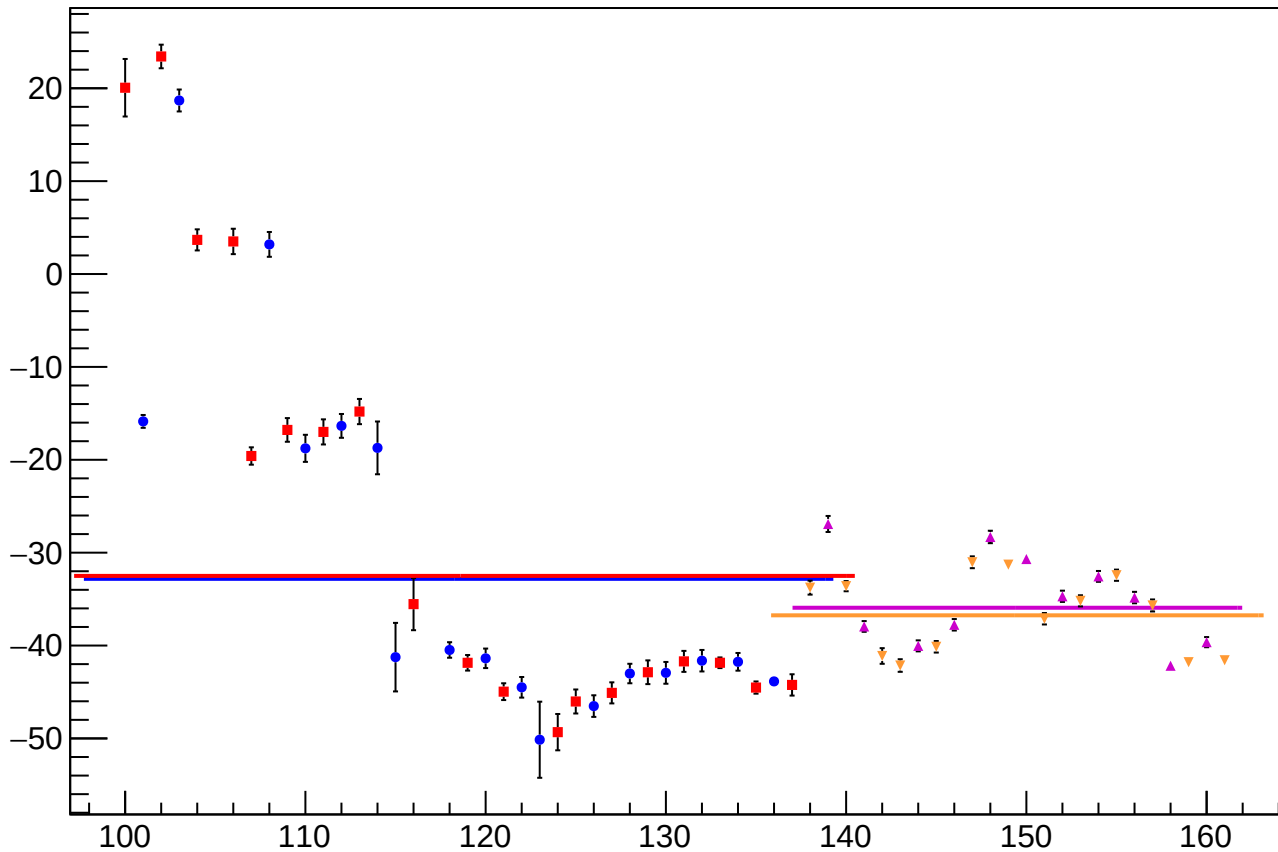
Left In: -8.275 ± 0.202 $\chi^2/\text{NDF}: 426.5/10$

+ sign -6.681 ± 0.177 $\chi^2/\text{NDF}: 918.3/29$

All: -6.306 ± 0.126 $\chi^2/\text{NDF}: 2046.9/59$

- sign -5.924 ± 0.179 $\chi^2/\text{NDF}: 1119.6/29$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -36.746 ± 0.167 $\chi^2/\text{NDF}: 615.3/12$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

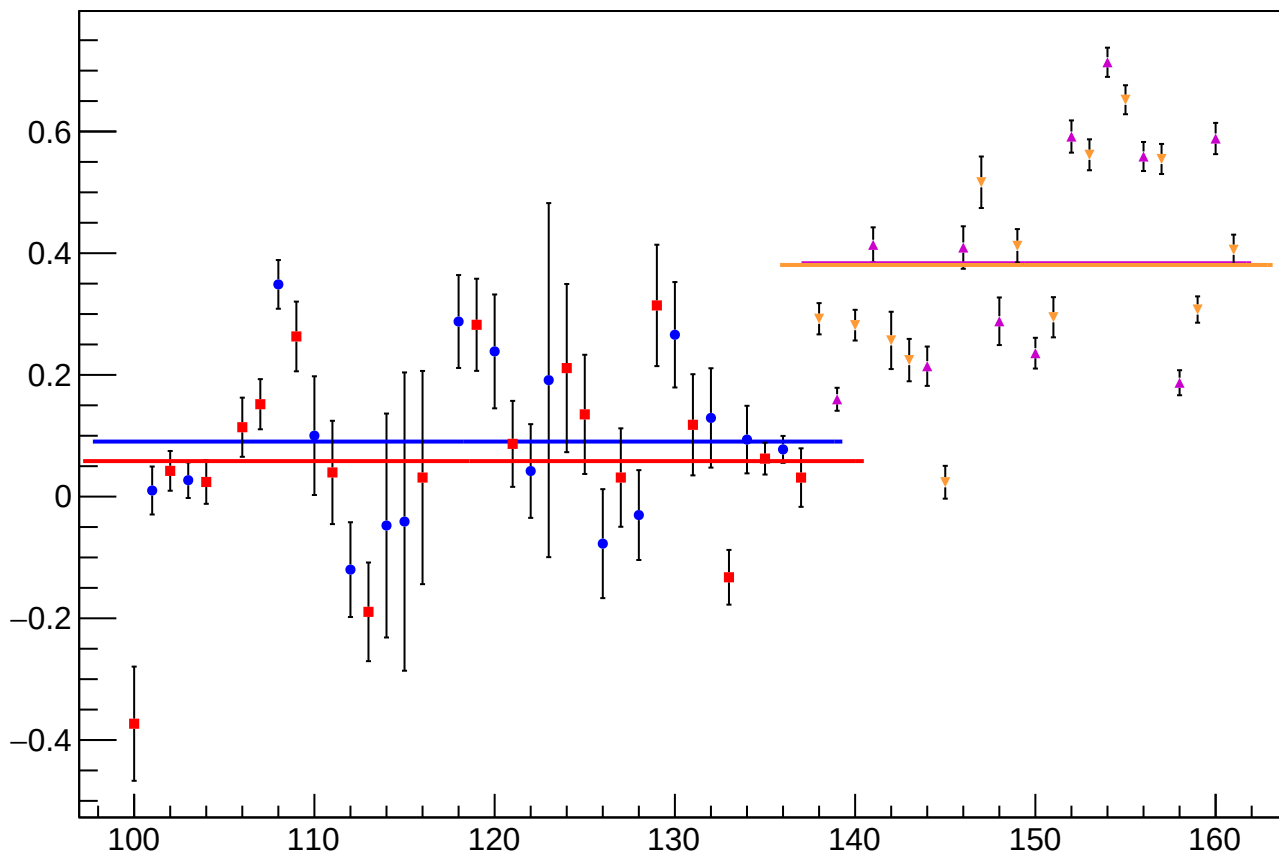
Left In: -35.930 ± 0.176 $\chi^2/\text{NDF}: 691.5/10$

+ sign -35.562 ± 0.139 $\chi^2/\text{NDF}: 5449.1/29$

All: -35.170 ± 0.100 $\chi^2/\text{NDF}: 12324.7/59$

- sign -34.759 ± 0.143 $\chi^2/\text{NDF}: 6859.5/29$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.2/16$

Left Out: 0.381 ± 0.008 $\chi^2/\text{NDF}: 490.5/12$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.3/18$

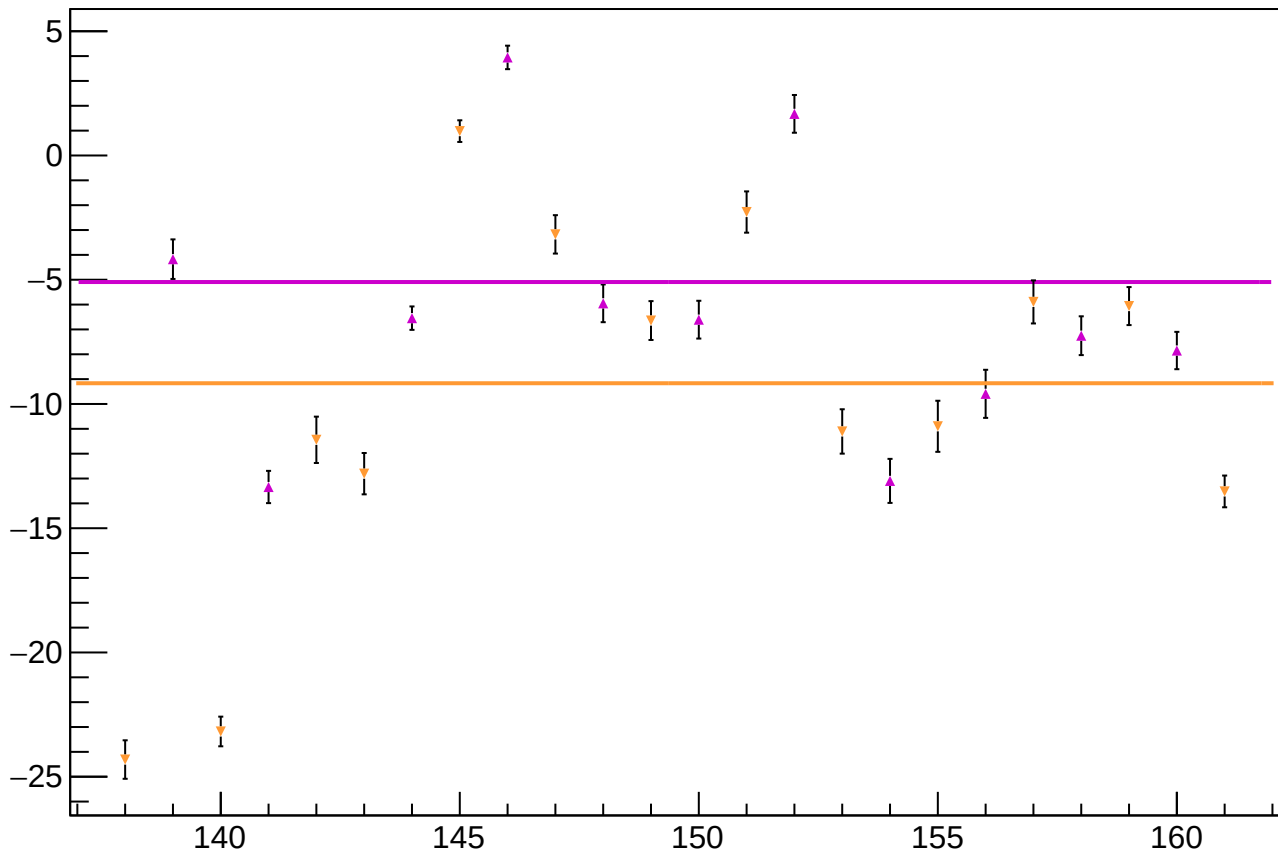
Left In: 0.383 ± 0.008 $\chi^2/\text{NDF}: 669.6/10$

+ sign 0.304 ± 0.007 $\chi^2/\text{NDF}: 953.1/29$

All: 0.297 ± 0.005 $\chi^2/\text{NDF}: 2223.1/59$

- sign 0.290 ± 0.007 $\chi^2/\text{NDF}: 1267.7/29$

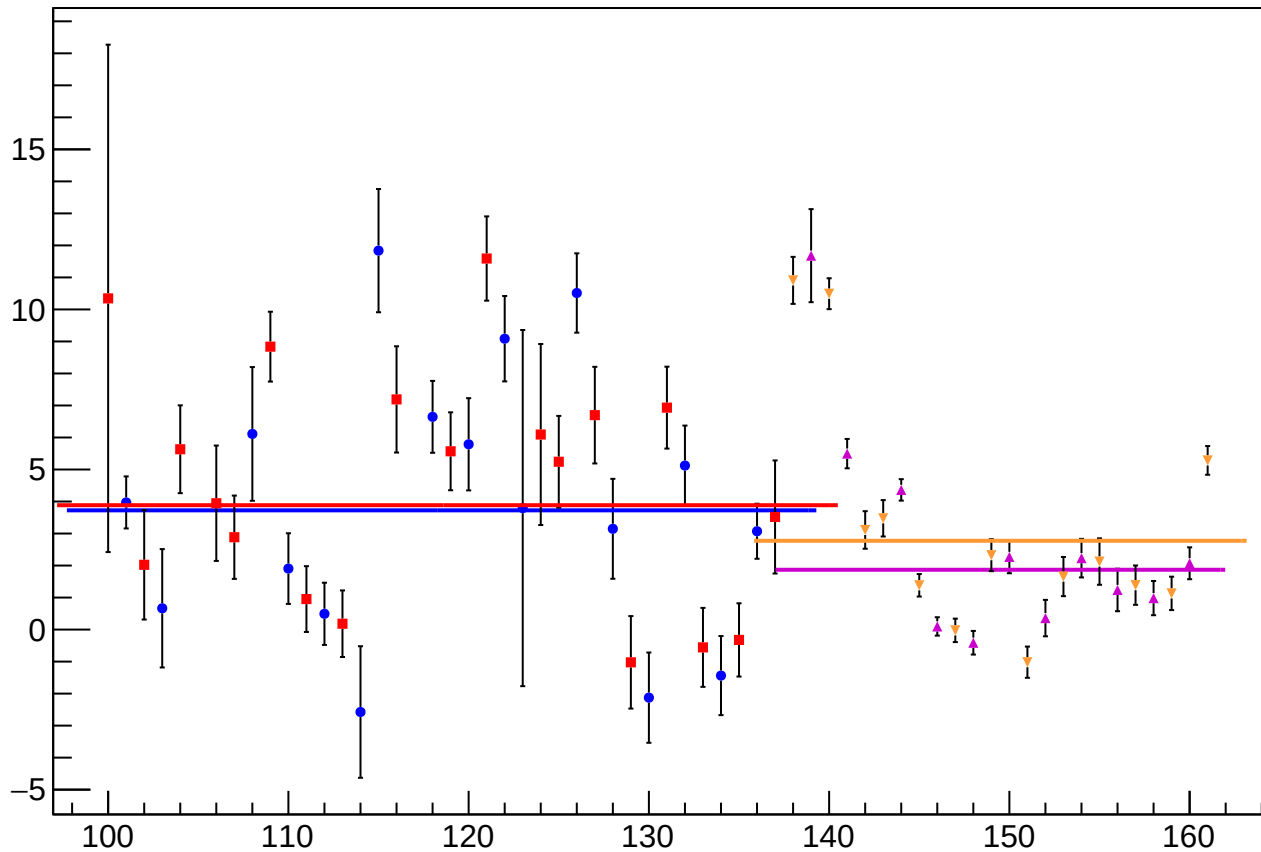
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.166+/-0.201 χ^2/NDF : 1724.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.093+/-0.205 χ^2/NDF : 747.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.167+/-0.143 χ^2/NDF : 2673.2/23
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 2.774 ± 0.139 χ^2/NDF : 566.3/12

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

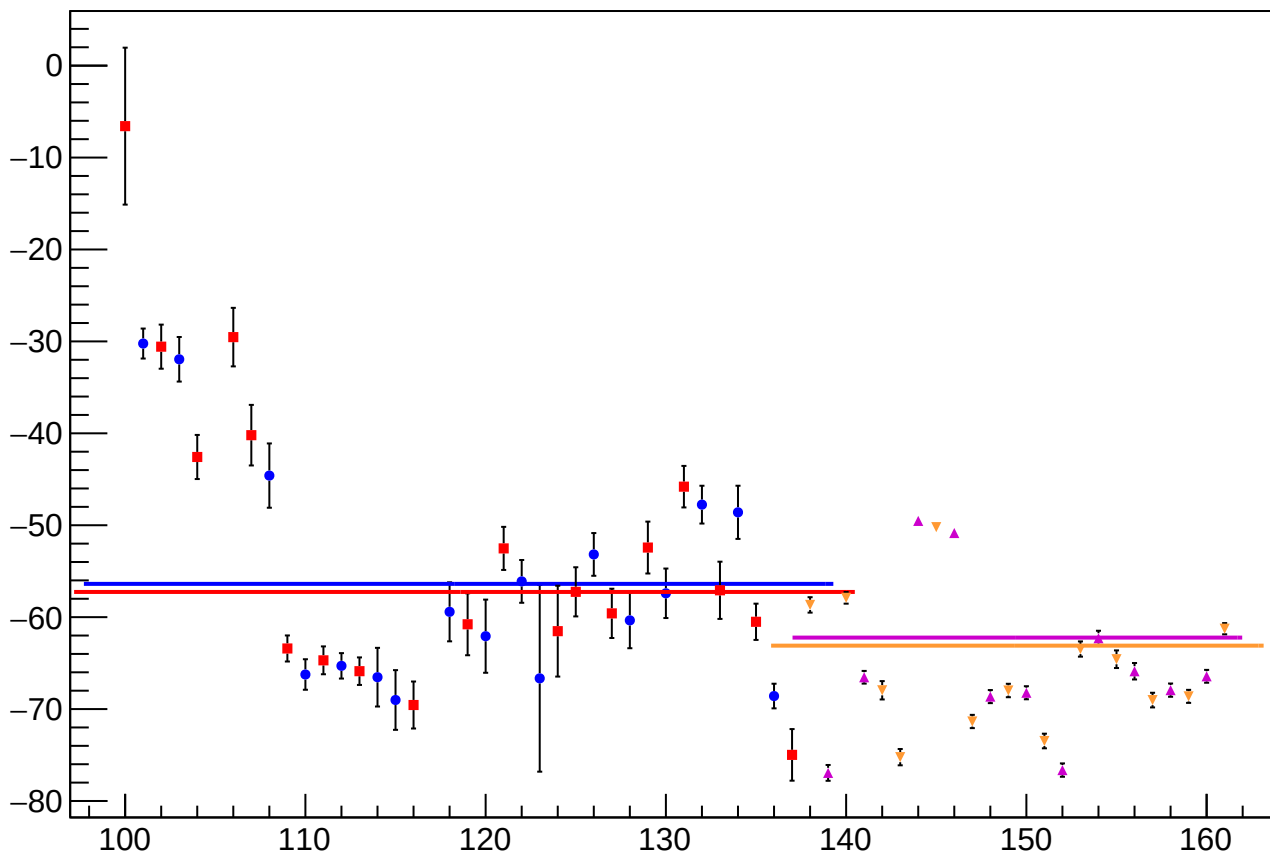
Left In: 1.868 ± 0.137 χ^2/NDF : 251.5/10

+ sign 2.934 ± 0.127 χ^2/NDF : 711.0/29

All: 2.559 ± 0.089 χ^2/NDF : 1148.5/59

- sign 2.188 ± 0.126 χ^2/NDF : 420.1/29

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -63.099 ± 0.200 χ^2/NDF : 1550.6/12

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

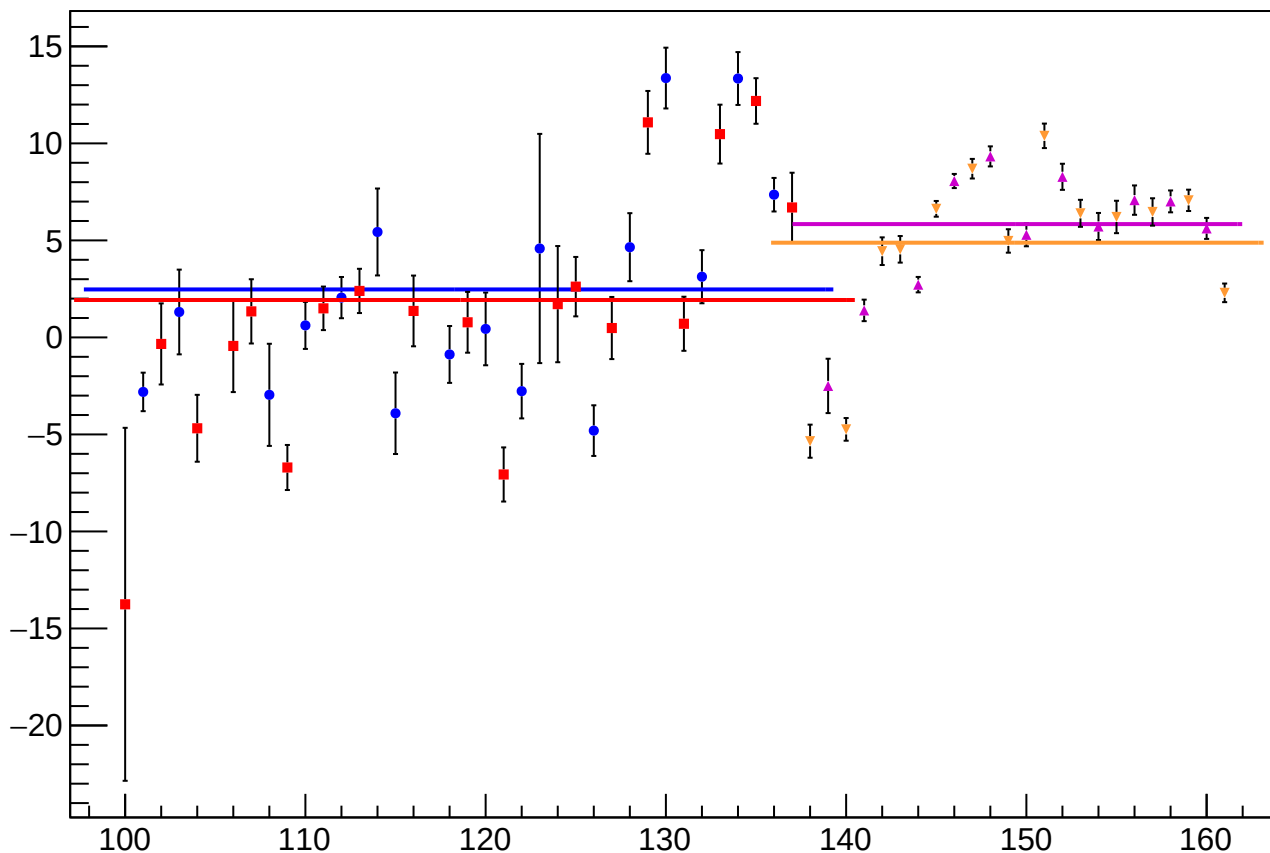
Left In: -62.224 ± 0.201 χ^2/NDF : 2254.0/10

+ sign -62.293 ± 0.188 χ^2/NDF : 2273.2/29

All: -61.953 ± 0.133 χ^2/NDF : 5085.2/59

- sign -61.612 ± 0.188 χ^2/NDF : 2805.4/29

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 4.881 ± 0.165 χ^2/NDF : 624.5/12

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

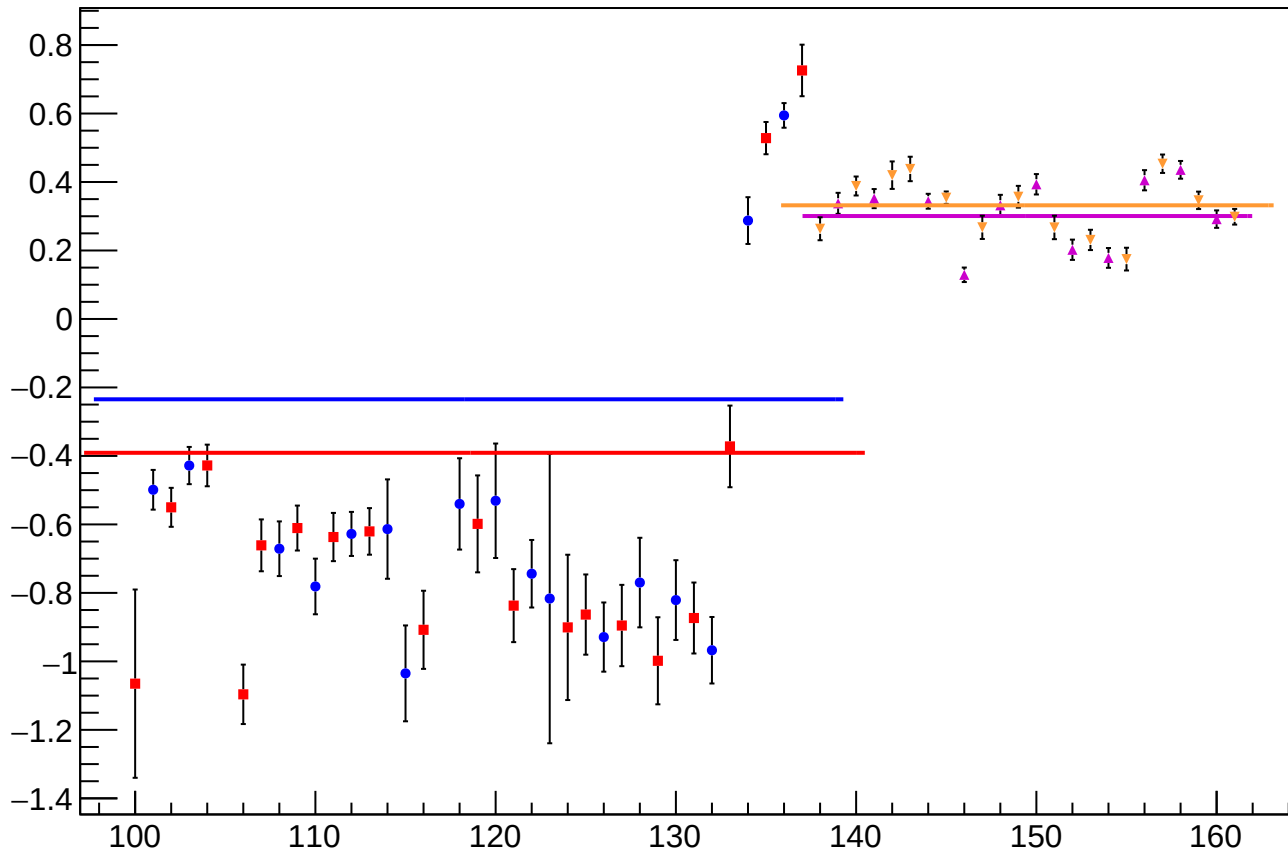
Left In: 5.840 ± 0.165 χ^2/NDF : 265.2/10

+ sign 4.435 ± 0.149 χ^2/NDF : 907.7/29

All: 4.788 ± 0.105 χ^2/NDF : 1550.8/59

- sign 5.145 ± 0.150 χ^2/NDF : 631.8/29

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.332 ± 0.008 χ^2/NDF : 88.1/12

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

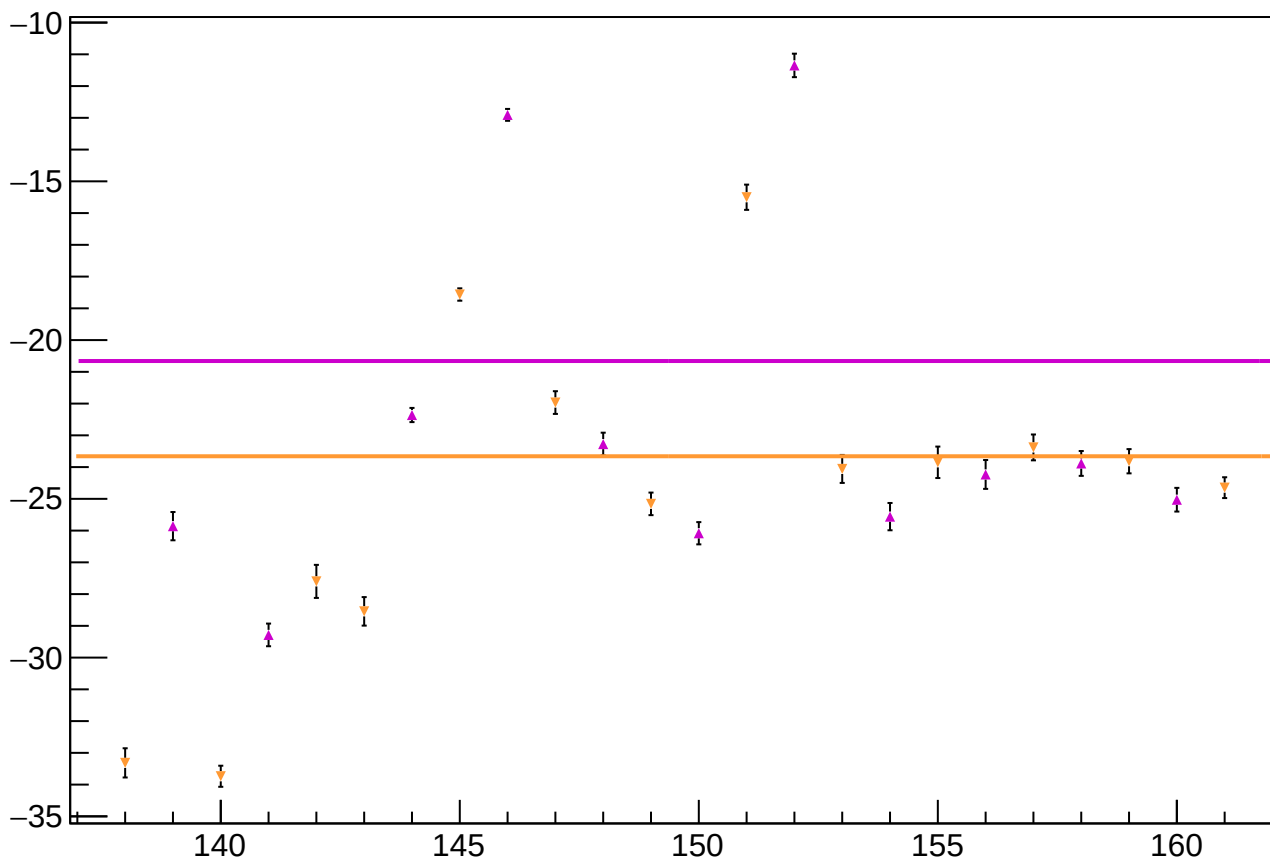
Left In: 0.301 ± 0.008 χ^2/NDF : 154.0/10

+ sign 0.248 ± 0.007 χ^2/NDF : 1814.8/29

All: 0.222 ± 0.005 χ^2/NDF : 3975.6/59

- sign 0.195 ± 0.007 χ^2/NDF : 2134.3/29

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -23.659 ± 0.099 χ^2/NDF : 2693.5/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

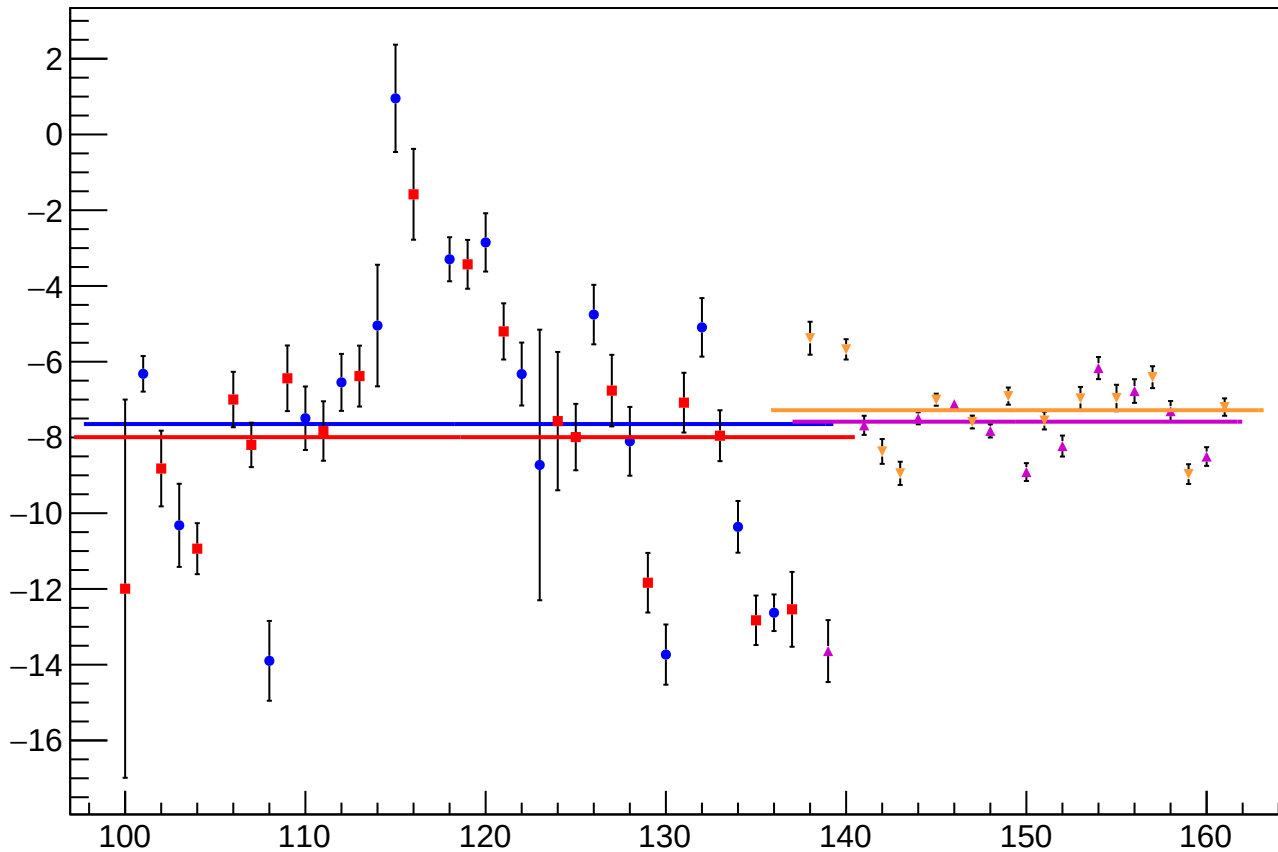
Left In: -20.659 ± 0.096 χ^2/NDF : 3812.8/10

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.114 ± 0.069 χ^2/NDF : 6980.3/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.281 ± 0.068 χ^2/NDF : 159.3/12

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

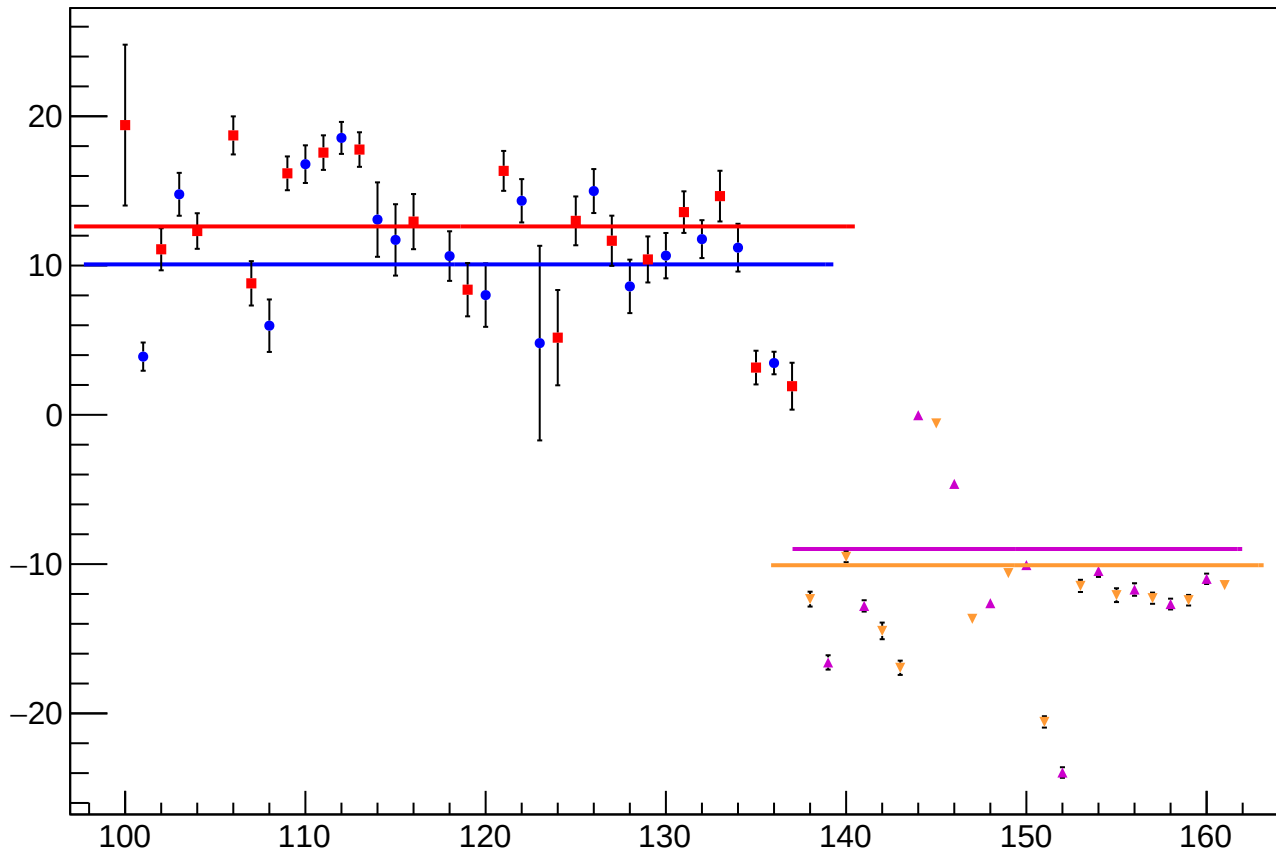
Left In: -7.584 ± 0.064 χ^2/NDF : 155.3/10

+ sign -7.324 ± 0.064 χ^2/NDF : 556.3/29

All: -7.484 ± 0.044 χ^2/NDF : 953.3/59

- sign -7.627 ± 0.060 χ^2/NDF : 385.1/29

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Left Out: -10.075 ± 0.098 χ^2/NDF : 3421.8/12

Right Out: 12.620 ± 0.332 χ^2/NDF : 220.0/18

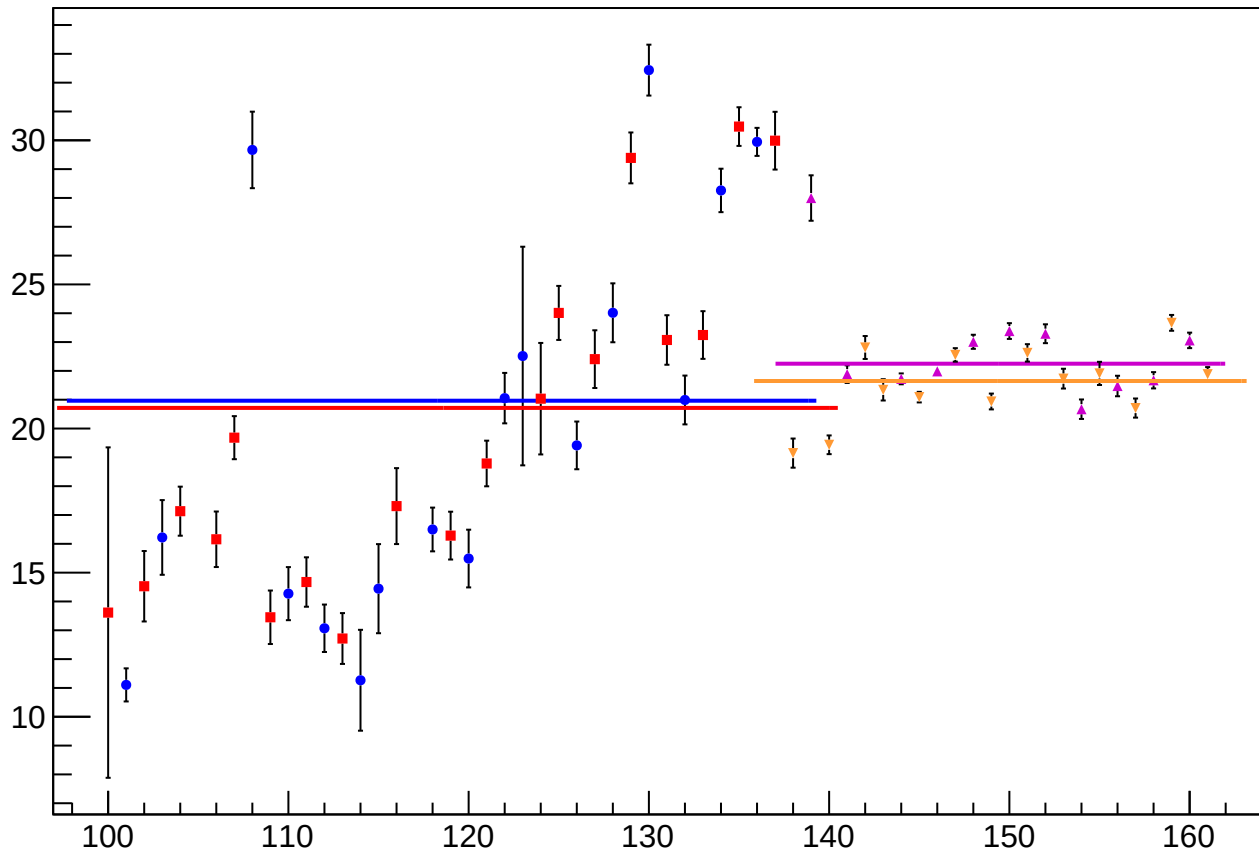
Left In: -8.987 ± 0.094 χ^2/NDF : 4446.1/10

+ sign -8.501 ± 0.094 χ^2/NDF : 6975.6/29

All: -7.923 ± 0.065 χ^2/NDF : 15626.5/59

- sign -7.392 ± 0.090 χ^2/NDF : 8578.8/29

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: 21.649 $\pm$ 0.081 χ^2 /NDF:185.0/12

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

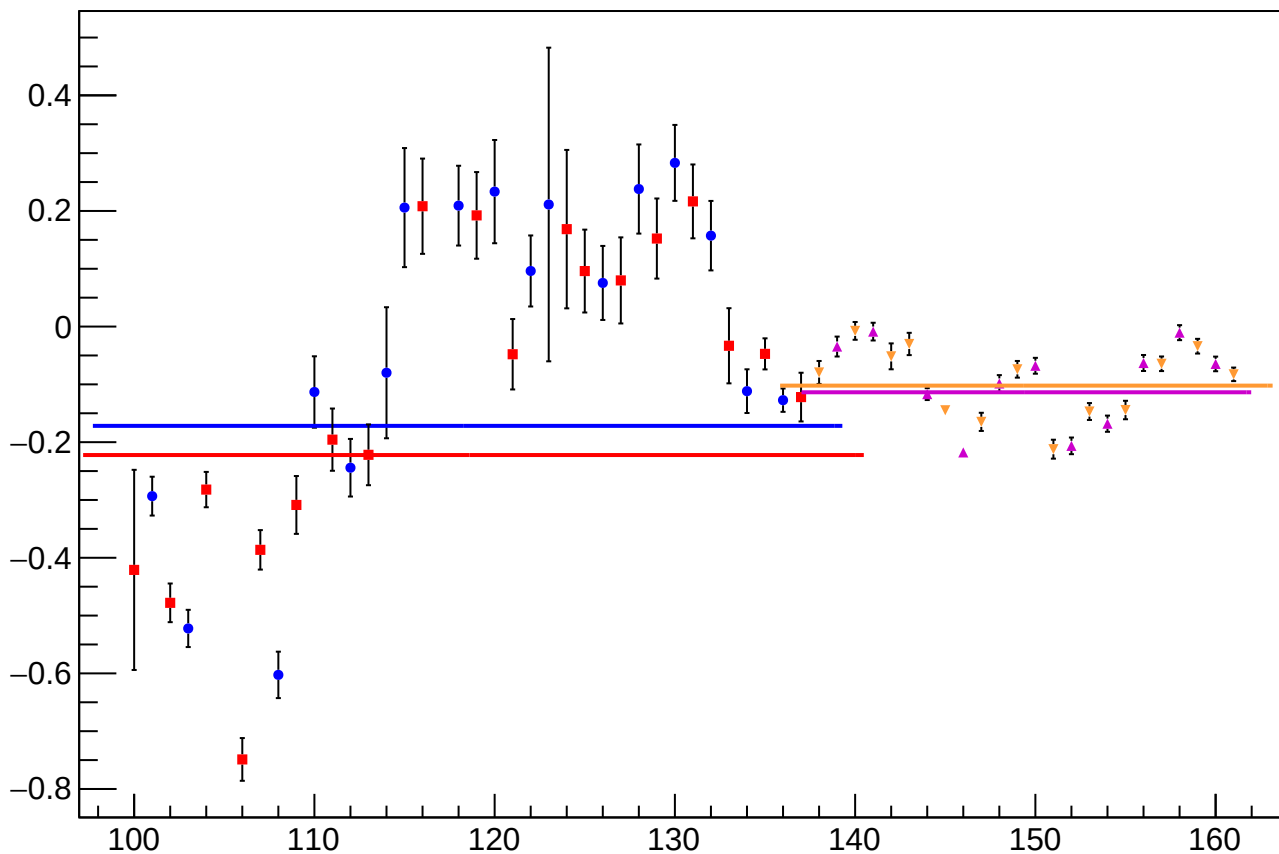
Left In: 22.249 $\pm$ 0.077 χ^2 /NDF:142.2/10

+ sign 21.560 $\pm$ 0.075 χ^2 /NDF: 1419.7/29

All: 21.827 $\pm$ 0.052 χ^2 /NDF: 2361.8/59

- sign 22.072 $\pm$ 0.072 χ^2 /NDF: 918.1/29

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.102 ± 0.004 χ^2/NDF : 207.6/12

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

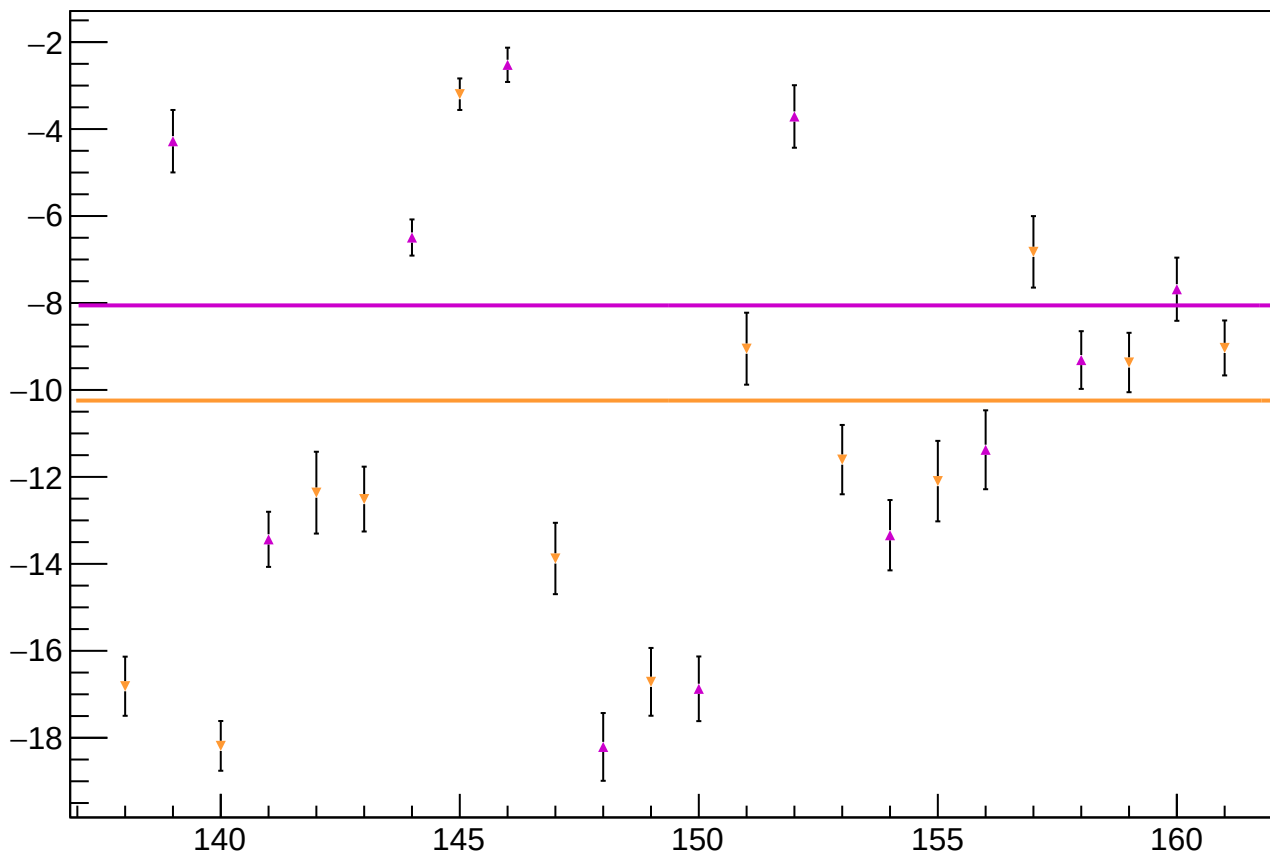
Left In: -0.114 ± 0.004 χ^2/NDF : 380.0/10

+ sign -0.110 ± 0.004 χ^2/NDF : 706.4/29

All: -0.118 ± 0.003 χ^2/NDF : 1719.9/59

- sign -0.125 ± 0.004 χ^2/NDF : 1003.8/29

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.244+/-0.185 χ^2/NDF : 797.8/12

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

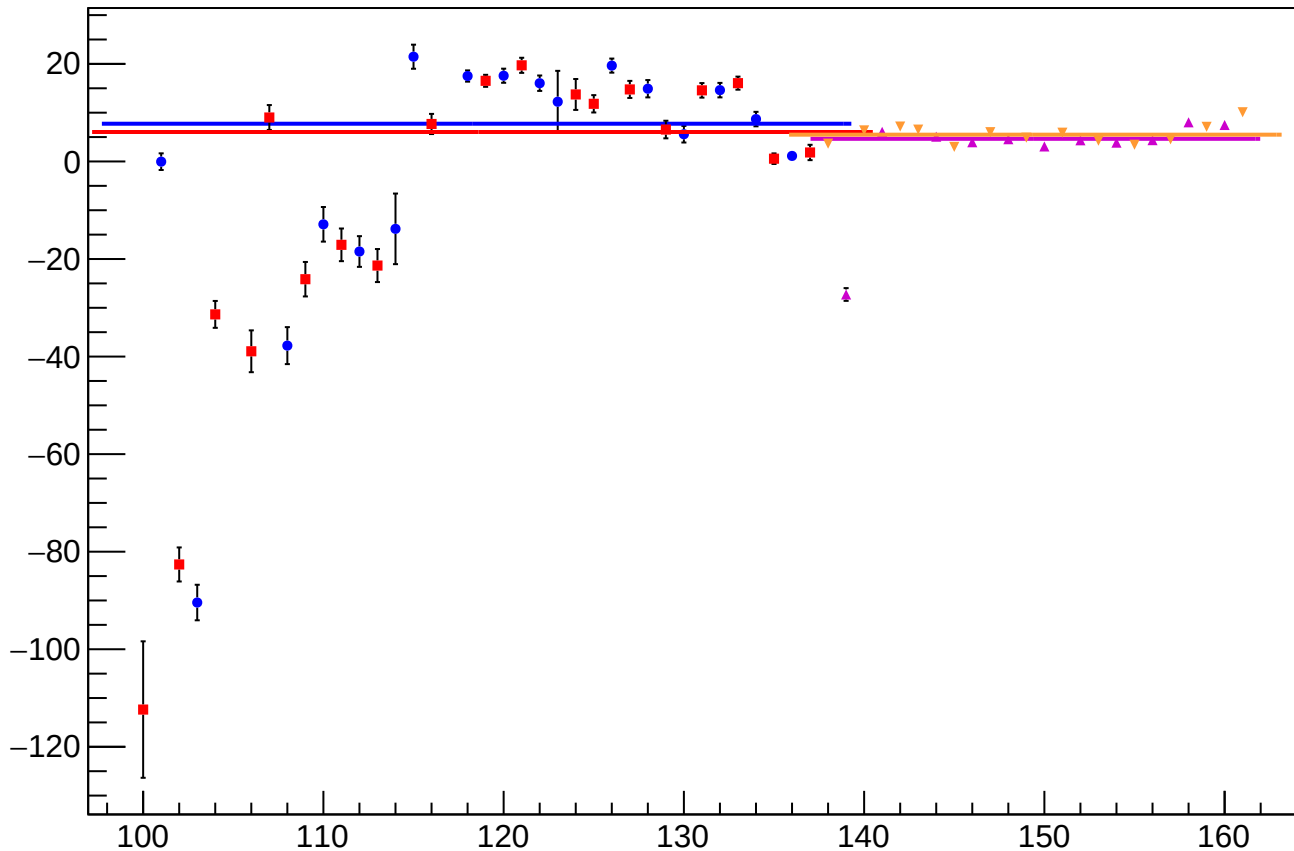
Left In: -8.056+/-0.186 χ^2/NDF : 717.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.155+/-0.131 χ^2/NDF : 1584.7/23

- 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 $\pm$ 0.403 χ^2 /NDF: 1358.4/16

Left Out: 5.492 $\pm$ 0.130 χ^2 /NDF: 240.7/12

Right Out: 6.040 $\pm$ 0.434 χ^2 /NDF: 1512.1/18

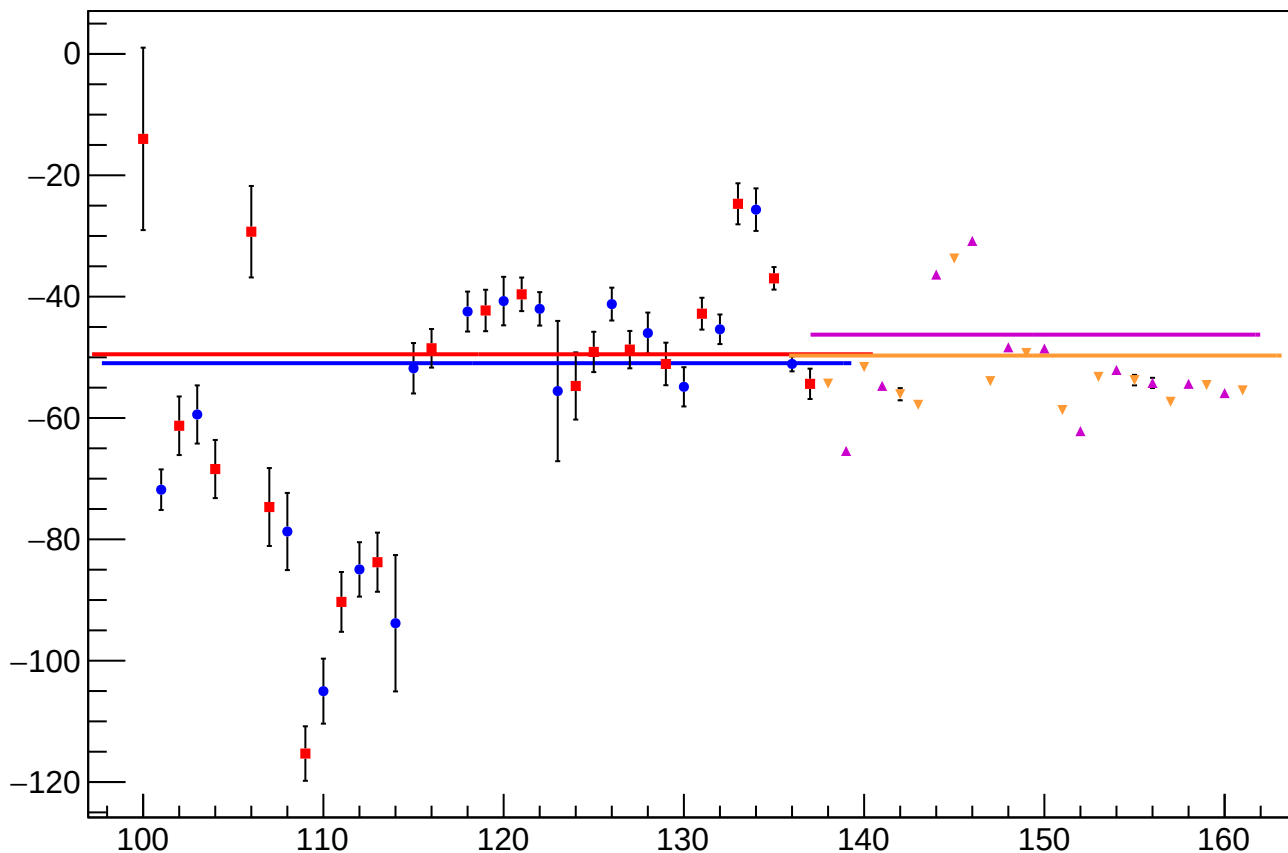
Left In: 4.639 $\pm$ 0.127 χ^2 /NDF: 718.9/10

+ sign 5.704 $\pm$ 0.124 χ^2 /NDF: 1627.2/29

All: 5.219 $\pm$ 0.087 χ^2 /NDF: 3898.0/59

- sign 4.749 $\pm$ 0.122 χ^2 /NDF: 2240.6/29

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -49.708 ± 0.185 χ^2/NDF : 2350.4/12

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

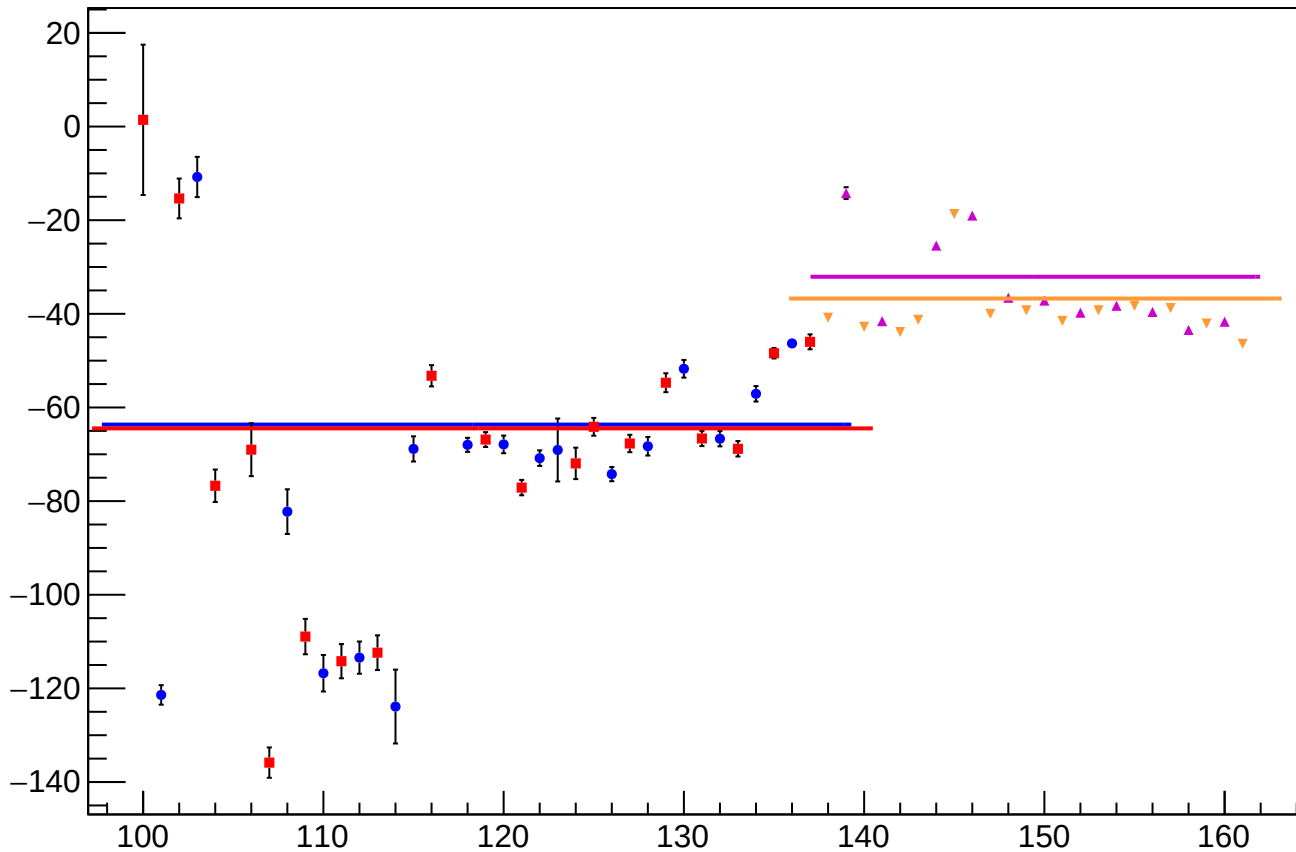
Left In: -46.264 ± 0.183 χ^2/NDF : 3992.1/10

+ sign -49.783 ± 0.180 χ^2/NDF : 2685.8/29

All: -48.089 ± 0.127 χ^2/NDF : 7379.7/59

- sign -46.425 ± 0.178 χ^2/NDF : 4518.1/29

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -36.733 ± 0.153 χ^2/NDF : 3892.6/12

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

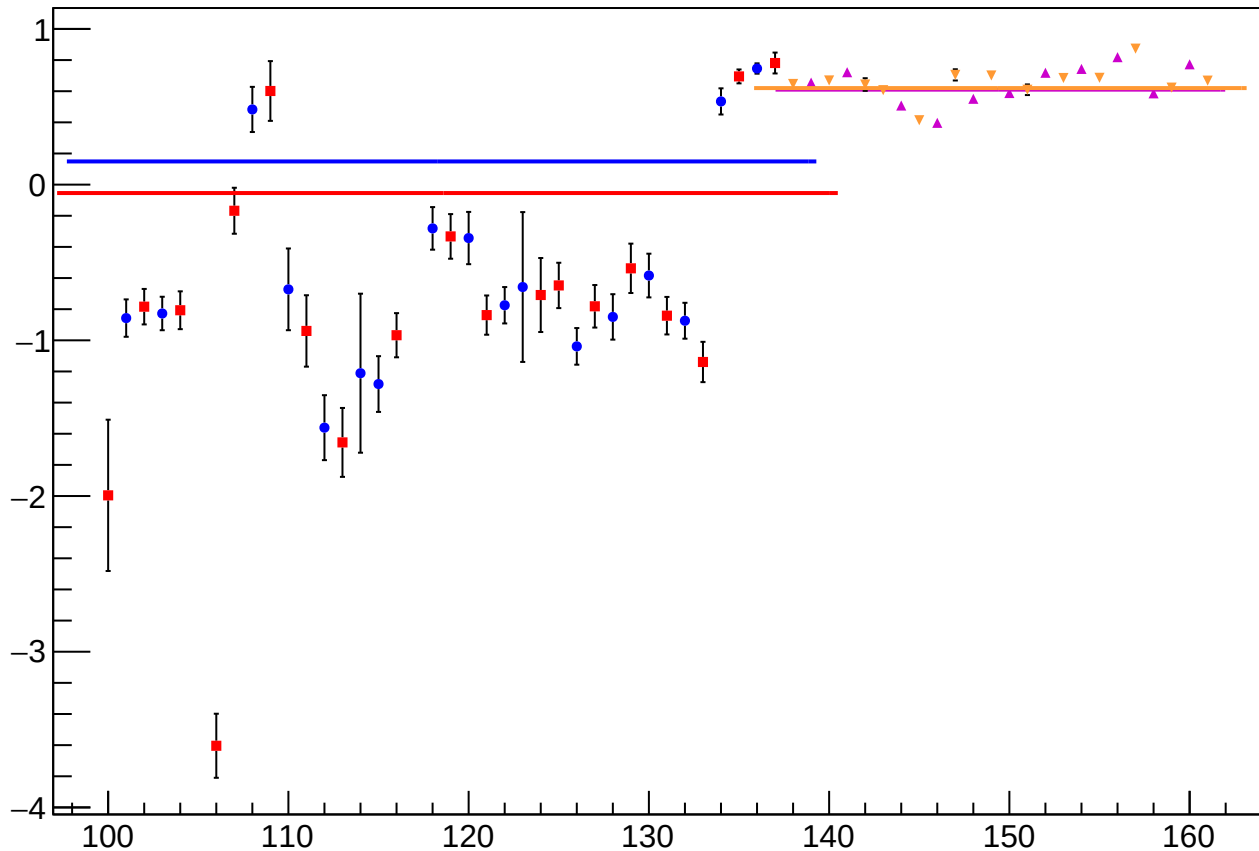
Left In: -32.081 ± 0.151 χ^2/NDF : 3988.7/10

+ sign -39.590 ± 0.145 χ^2/NDF : 9173.8/29

All: -37.276 ± 0.102 χ^2/NDF : 19378.3/59

- sign -34.983 ± 0.144 χ^2/NDF : 9697.9/29

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 $\pm$ 0.024 χ^2 /NDF: 989.9/16

Left Out: 0.620 $\pm$ 0.007 χ^2 /NDF:315.5/12

Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18

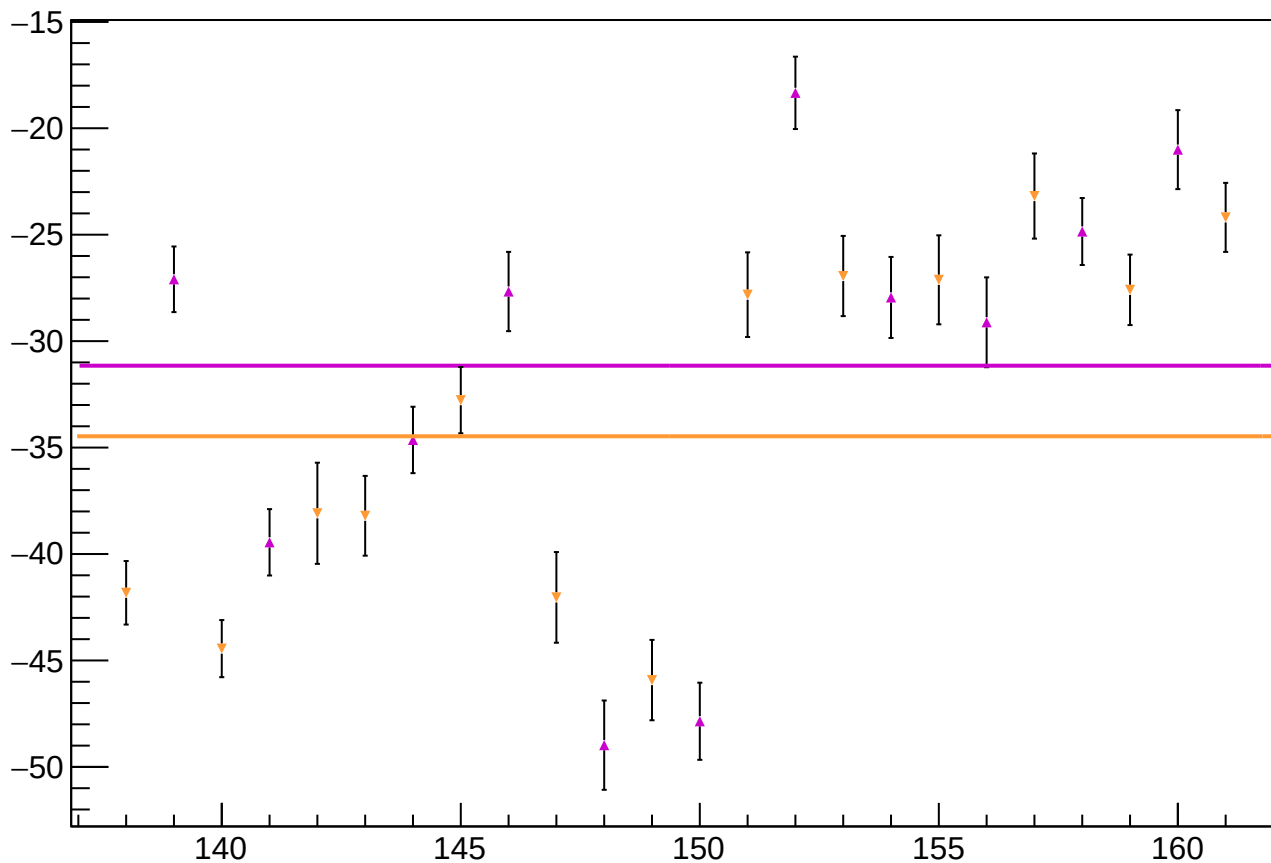
Left In: 0.610 $\pm$ 0.007 χ^2 /NDF:336.3/10

+ sign 0.581 $\pm$ 0.007 χ^2 /NDF: 1659.4/29

All: 0.571 $\pm$ 0.005 χ^2 /NDF: 3762.9/59

- sign 0.561 $\pm$ 0.007 χ^2 /NDF: 2099.7/29

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.469 $\pm$ 0.491 χ^2 /NDF: 265.4/12

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

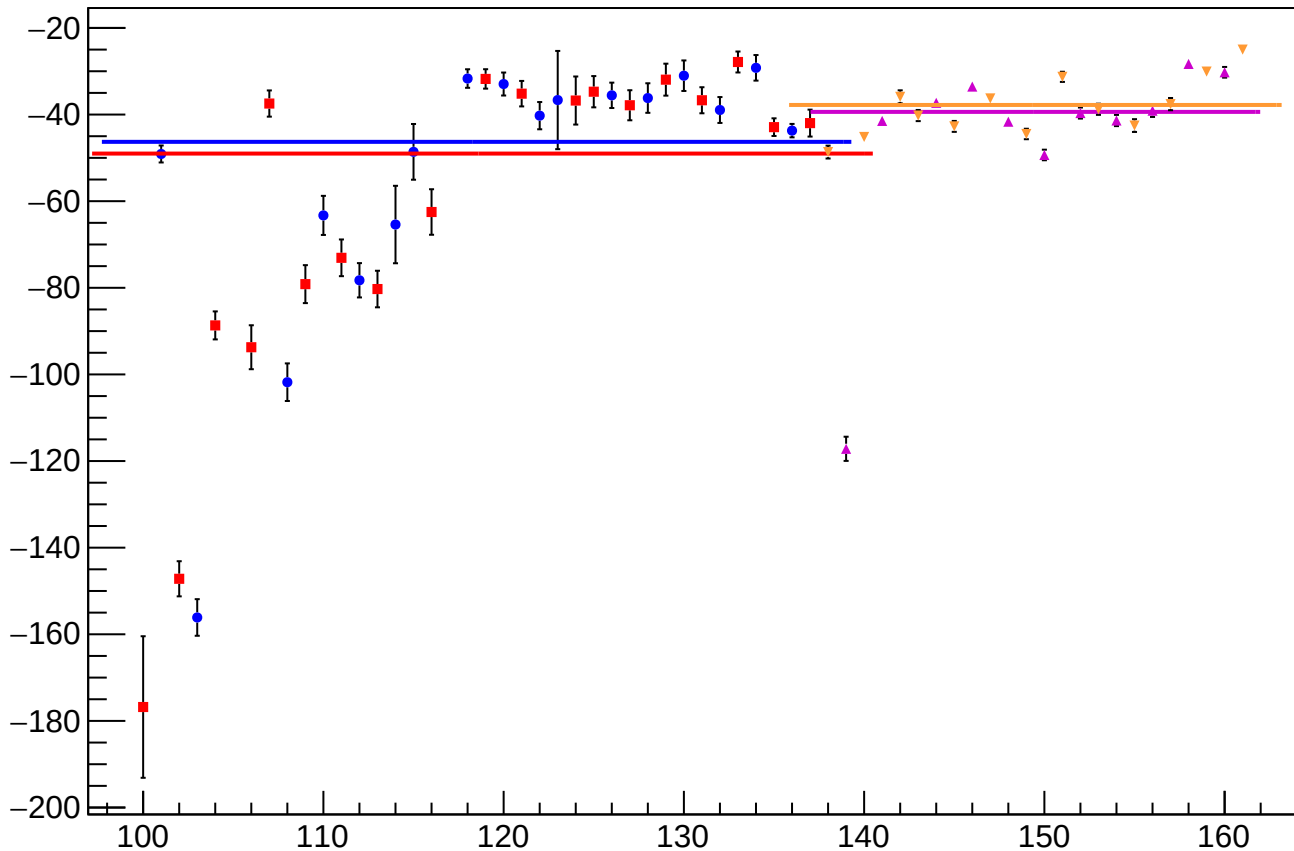
Left In: -31.153 $\pm$ 0.527 χ^2 /NDF: 307.6/10

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

All: -32.925 $\pm$ 0.359 χ^2 /NDF: 594.2/23

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

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -37.783 ± 0.344 χ^2/NDF : 366.3/12

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

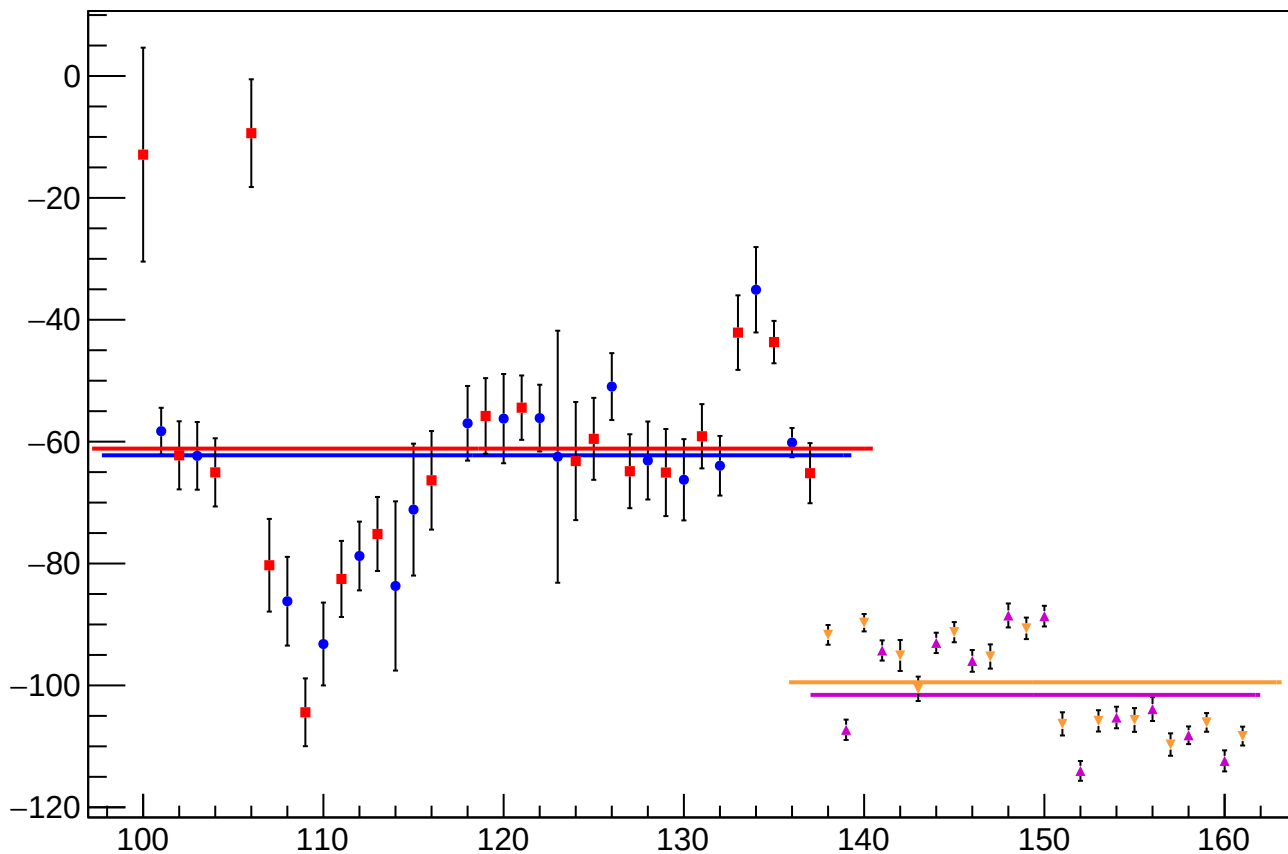
Left In: -39.383 ± 0.369 χ^2/NDF : 1043.2/10

+ sign -39.358 ± 0.311 χ^2/NDF : 1563.5/29

All: -40.220 ± 0.227 χ^2/NDF : 4023.6/59

- sign -41.207 ± 0.332 χ^2/NDF : 2443.6/29

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -99.483 ± 0.487 χ^2/NDF : 245.4/12

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

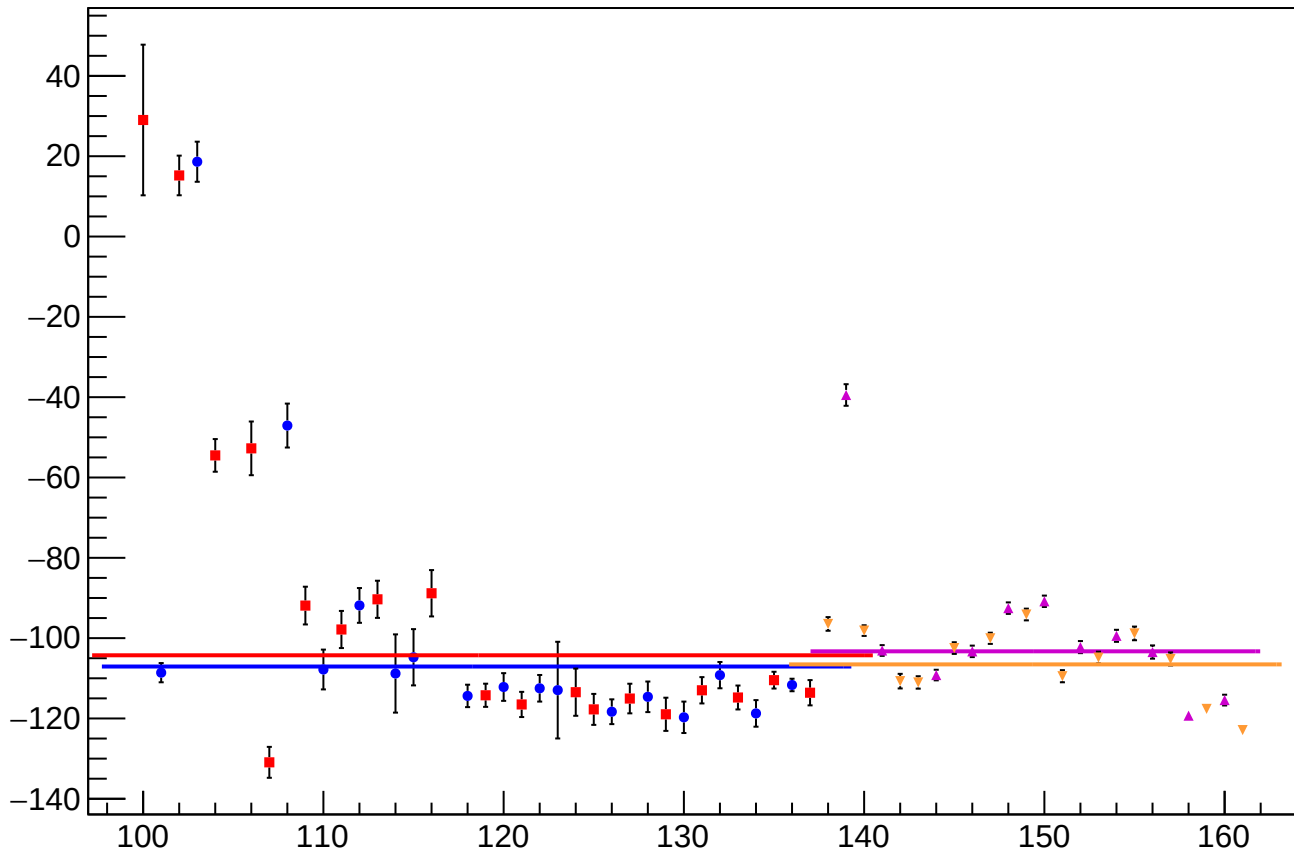
Left In: -101.556 ± 0.515 χ^2/NDF : 294.0/10

+ sign -94.964 ± 0.456 χ^2/NDF : 1022.7/29

All: -95.744 ± 0.332 χ^2/NDF : 2241.9/59

- sign -96.616 ± 0.482 χ^2/NDF : 1213.0/29

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -106.536 ± 0.405 χ^2/NDF : 484.4/12

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

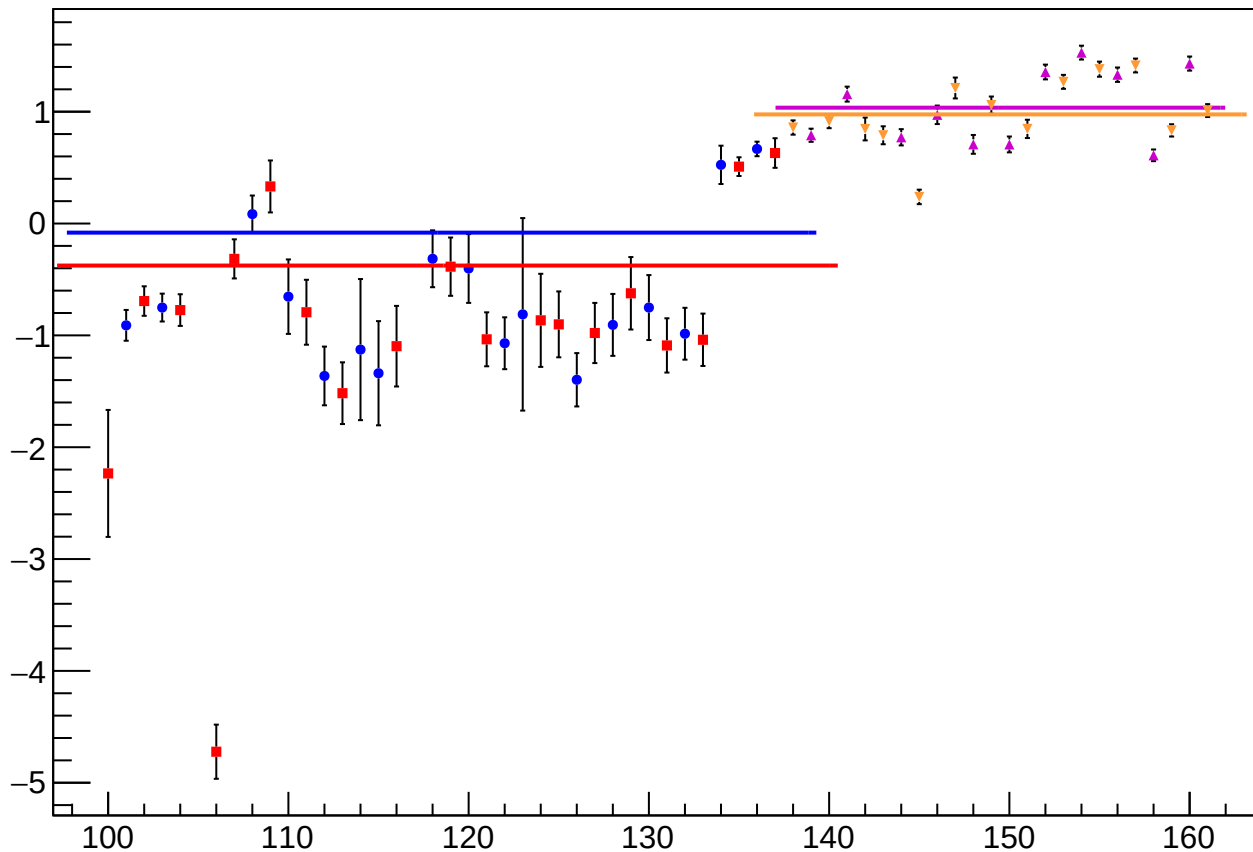
Left In: -103.282 ± 0.433 χ^2/NDF : 1004.2/10

+ sign -106.642 ± 0.362 χ^2/NDF : 1313.1/29

All: -105.165 ± 0.265 χ^2/NDF : 3372.6/59

- sign -103.481 ± 0.387 χ^2/NDF : 2023.9/29

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.976 ± 0.019 χ^2/NDF : 265.1/12

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

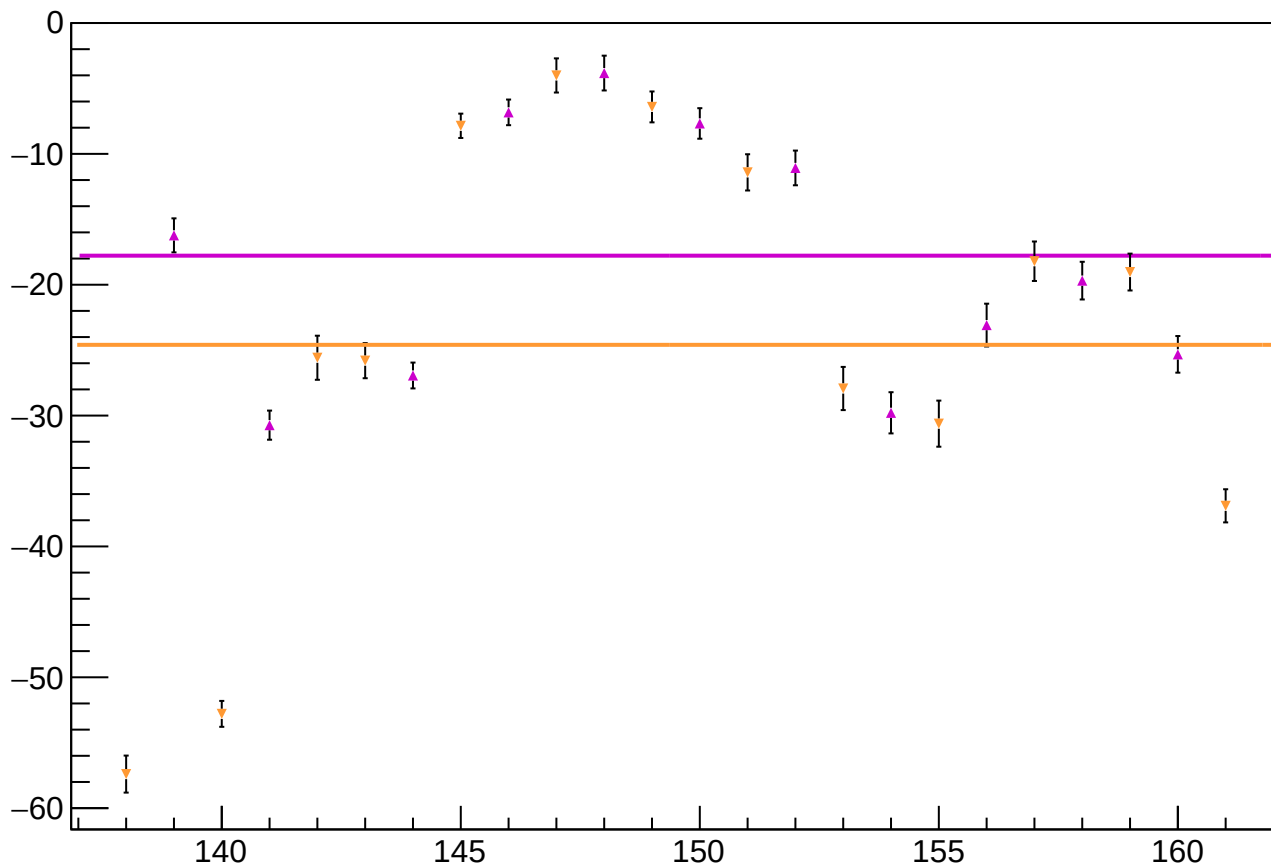
Left In: 1.036 ± 0.020 χ^2/NDF : 284.4/10

+ sign 0.798 ± 0.017 χ^2/NDF : 1117.1/29

All: 0.797 ± 0.012 χ^2/NDF : 2843.0/59

- sign 0.796 ± 0.018 χ^2/NDF : 1726.0/29

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -24.594 ± 0.361 χ^2/NDF : 2394.9/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

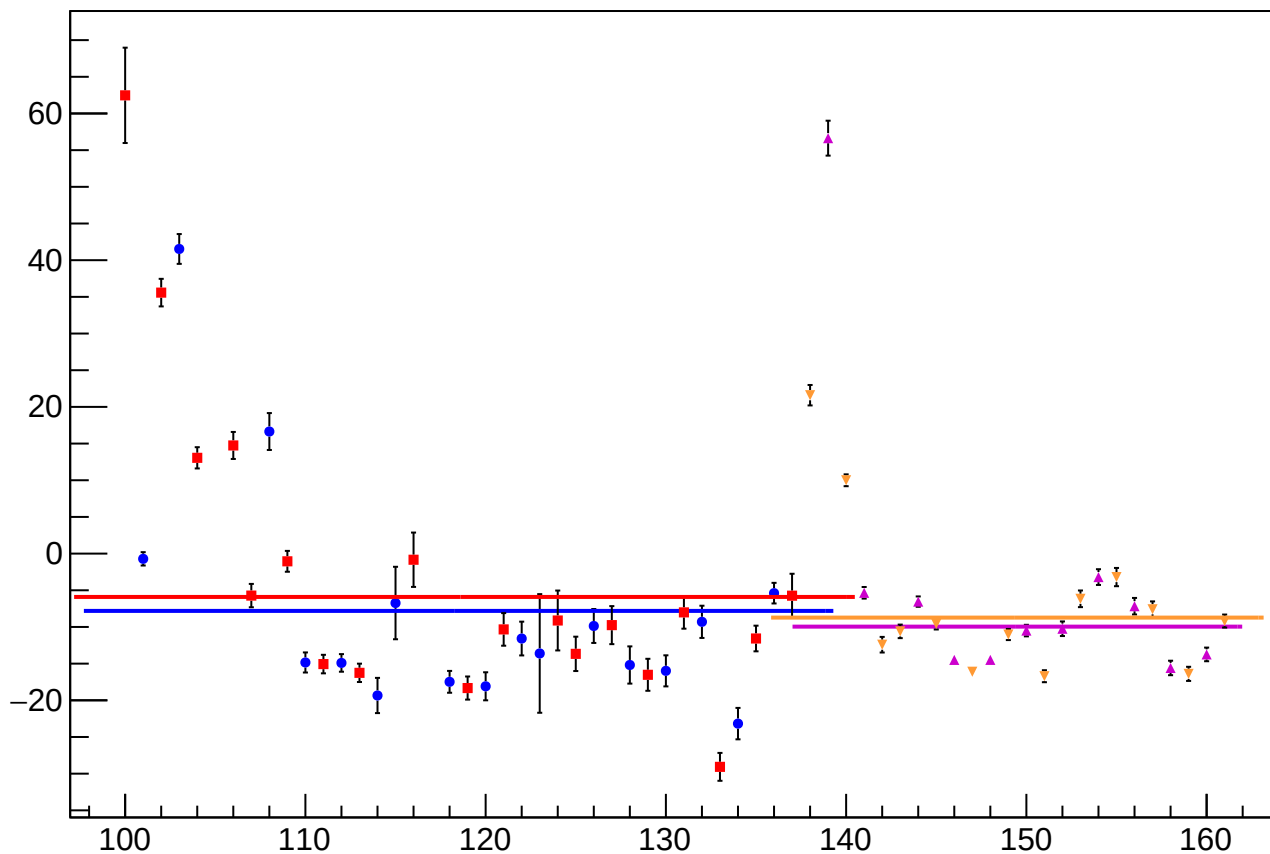
Left In: -17.780 ± 0.375 χ^2/NDF : 658.0/10

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.316 ± 0.260 χ^2/NDF : 3224.2/23

- 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: -8.725 ± 0.248 χ^2/NDF : 1361.7/12

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

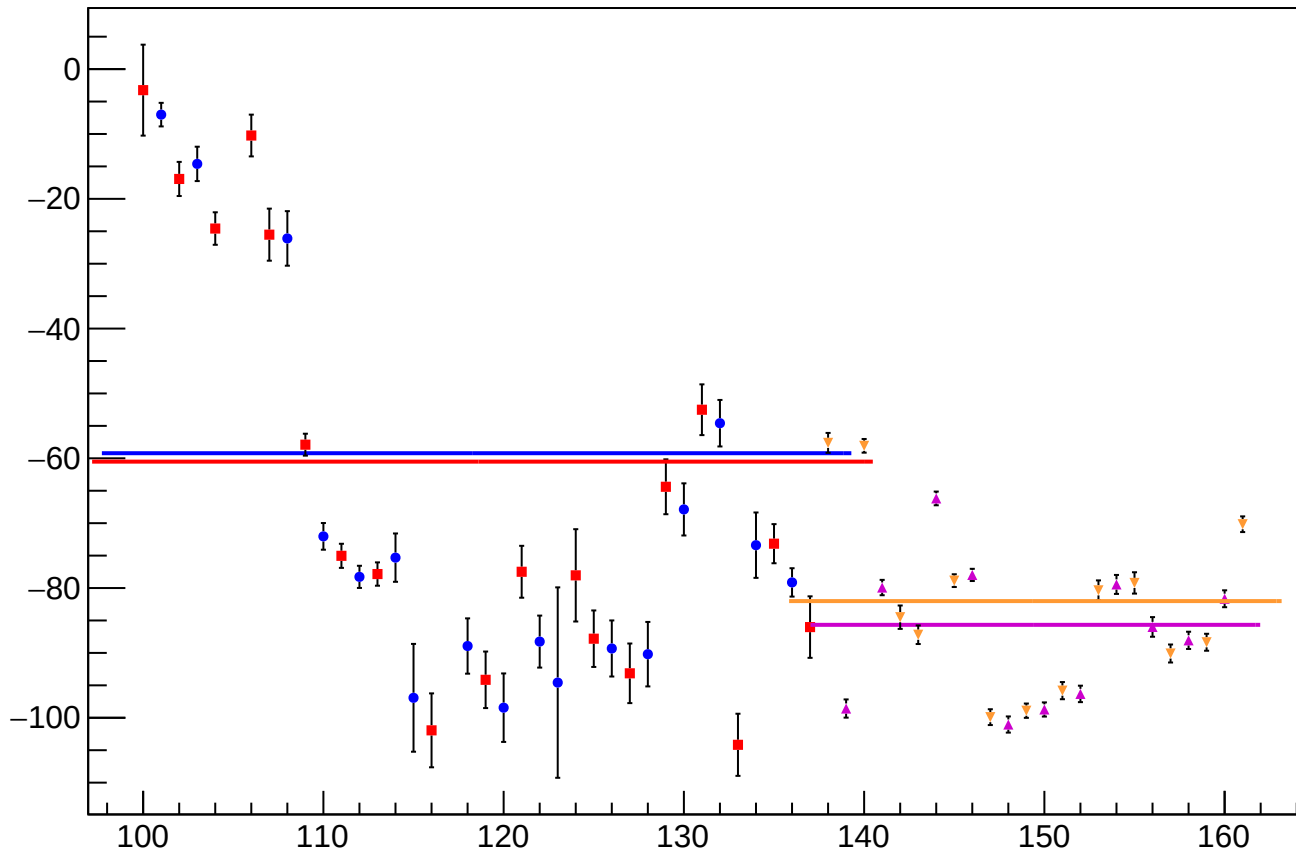
Left In: -9.956 ± 0.256 χ^2/NDF : 1038.2/10

+ sign -8.495 ± 0.214 χ^2/NDF : 2347.9/29

All: -8.689 ± 0.154 χ^2/NDF : 4746.5/59

- sign -8.893 ± 0.220 χ^2/NDF : 2396.9/29

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -82.012 ± 0.358 χ^2/NDF : 1509.7/12

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

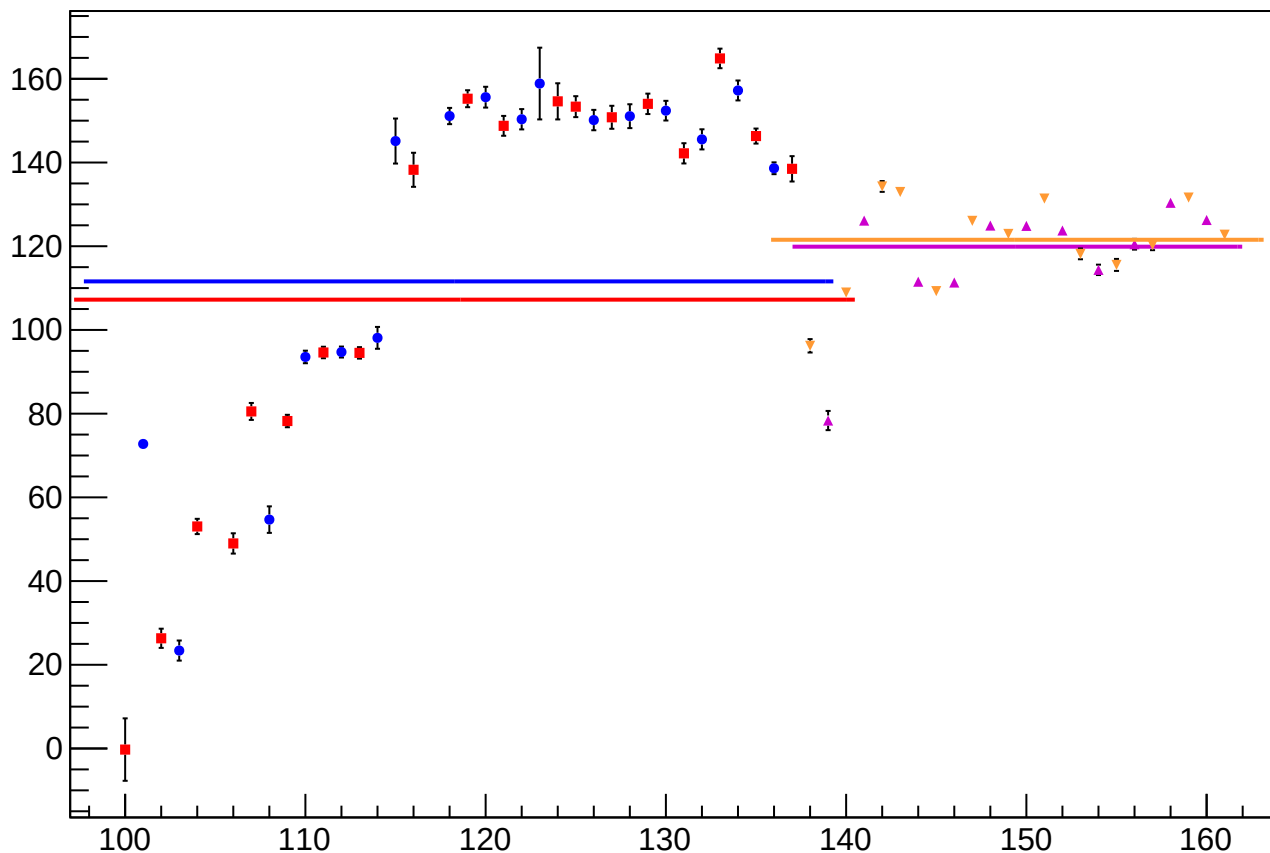
Left In: -85.673 ± 0.367 χ^2/NDF : 910.7/10

+ sign -77.724 ± 0.323 χ^2/NDF : 3993.0/29

All: -78.994 ± 0.229 χ^2/NDF : 7322.3/59

- sign -80.289 ± 0.326 χ^2/NDF : 3298.0/29

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599 ± 0.487 $\chi^2/\text{NDF}: 5959.5/16$

Left Out: 121.545 ± 0.295 $\chi^2/\text{NDF}: 1060.2/12$

Right Out: 107.238 ± 0.488 $\chi^2/\text{NDF}: 7037.4/18$

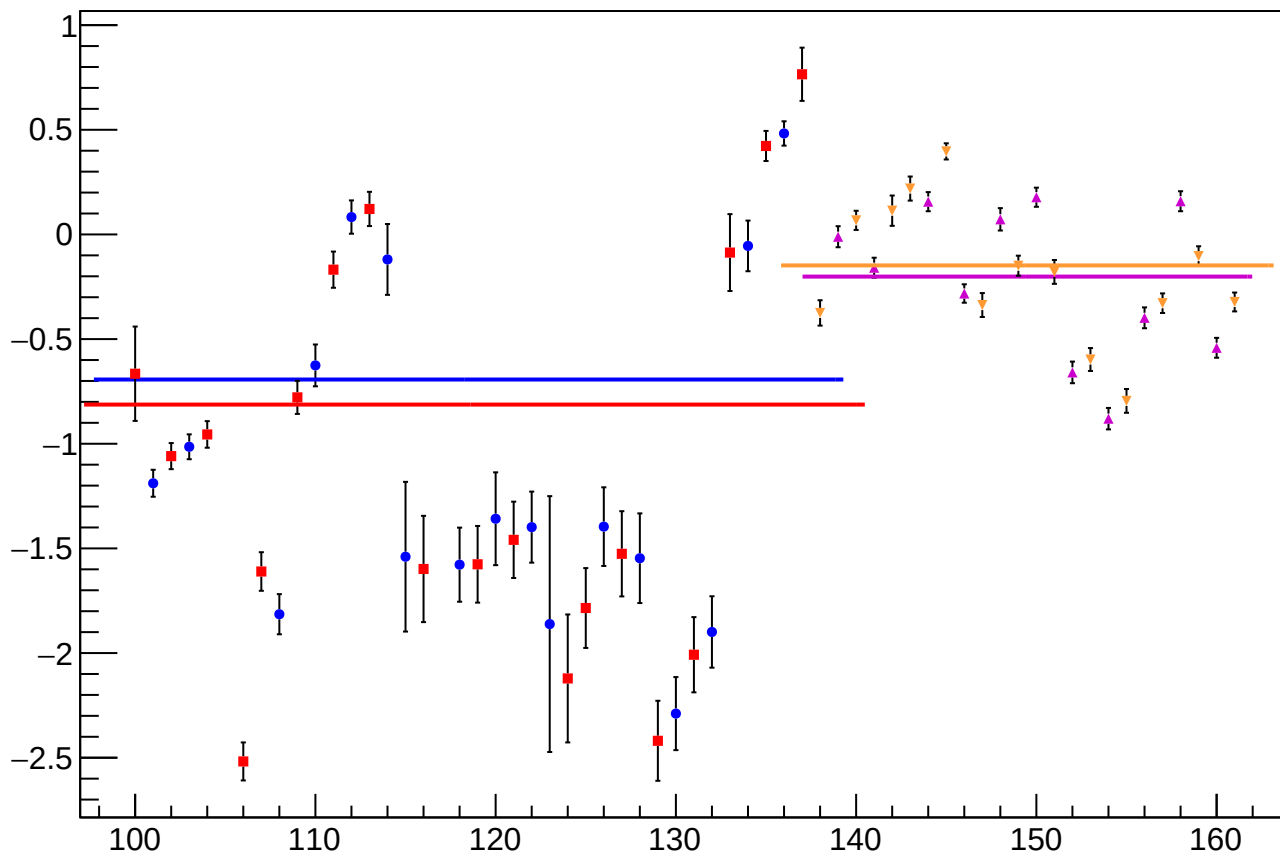
Left In: 119.894 ± 0.306 $\chi^2/\text{NDF}: 827.6/10$

+ sign 118.866 ± 0.253 $\chi^2/\text{NDF}: 7325.0/29$

All: 117.628 ± 0.181 $\chi^2/\text{NDF}: 15723.0/59$

- sign 116.328 ± 0.259 $\chi^2/\text{NDF}: 8348.7/29$

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.148 ± 0.014 χ^2/NDF : 528.4/12

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

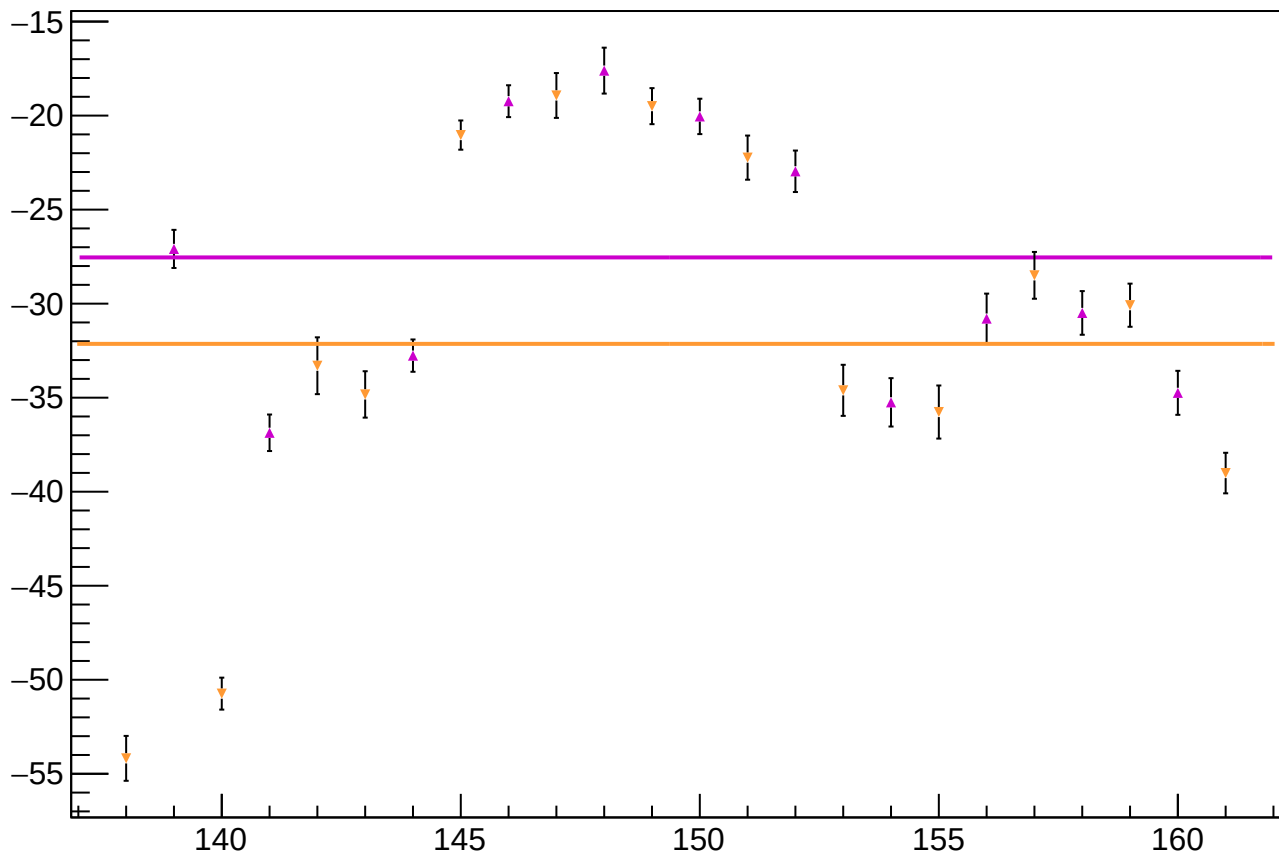
Left In: -0.201 ± 0.015 χ^2/NDF : 552.4/10

+ sign -0.274 ± 0.012 χ^2/NDF : 1865.4/29

All: -0.318 ± 0.009 χ^2/NDF : 4218.4/59

- sign -0.363 ± 0.013 χ^2/NDF : 2327.4/29

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.139+/-0.306 χ^2/NDF :1459.7/12

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

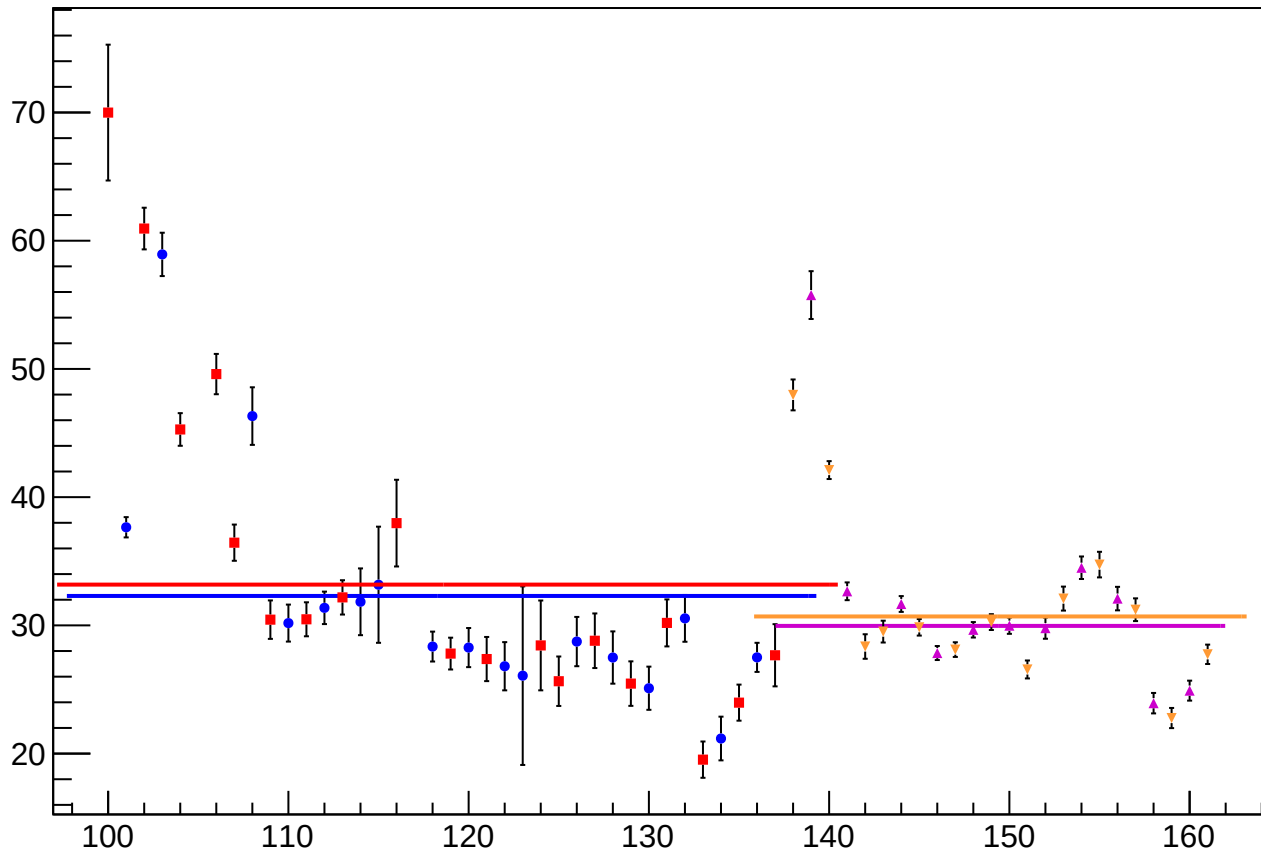
Left In: -27.542+/-0.315 χ^2/NDF :458.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.909+/-0.220 χ^2/NDF : 2027.9/23

- 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: 30.695 $\pm$ 0.213 χ^2 /NDF: 675.0/12

Right Out: 33.180 $\pm$ 0.379 χ^2 /NDF: 770.3/18

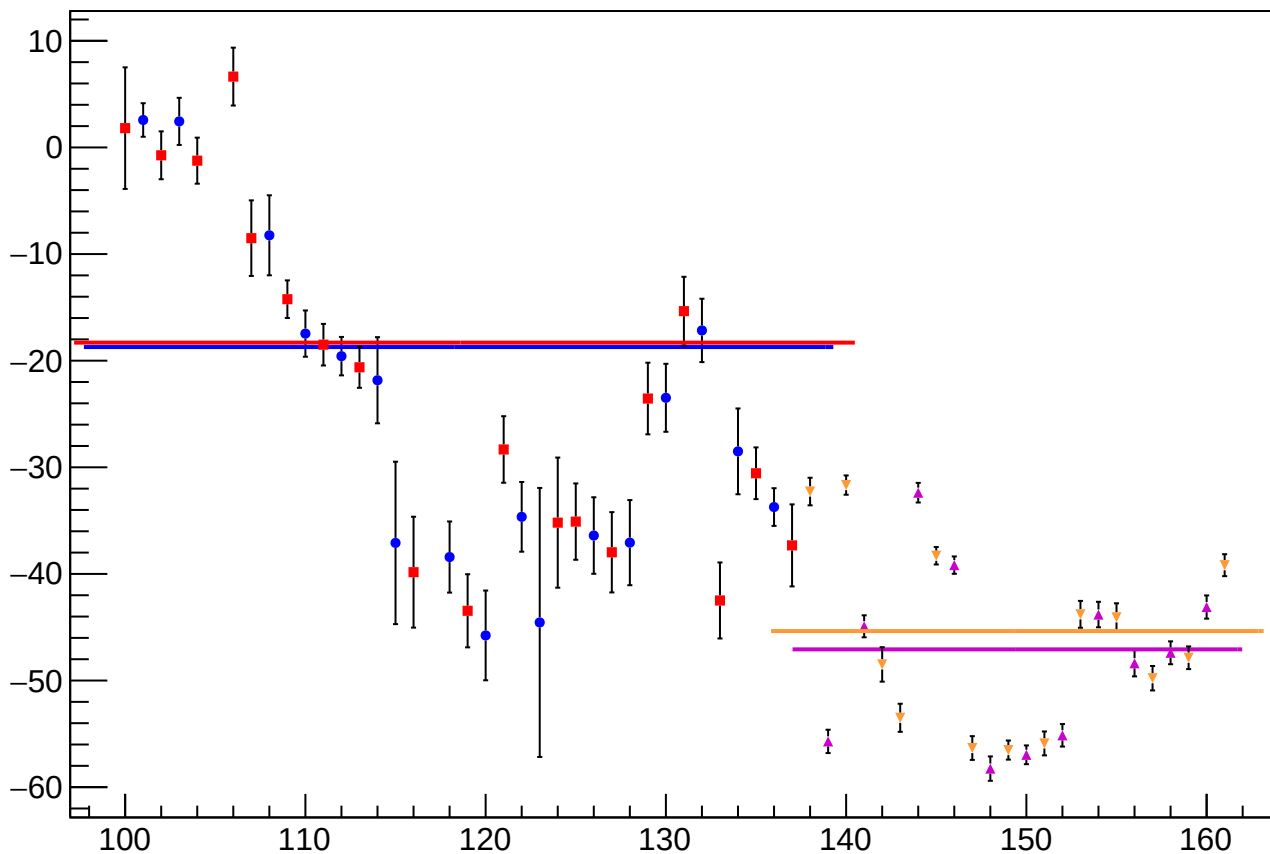
Left In: 29.959 $\pm$ 0.220 χ^2 /NDF: 360.7/10

+ sign 31.088 $\pm$ 0.185 χ^2 /NDF: 1141.1/29

All: 30.933 $\pm$ 0.132 χ^2 /NDF: 2327.6/59

- sign 30.768 $\pm$ 0.190 χ^2 /NDF: 1185.0/29

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -45.361 ± 0.303 χ^2/NDF : 846.7/12

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

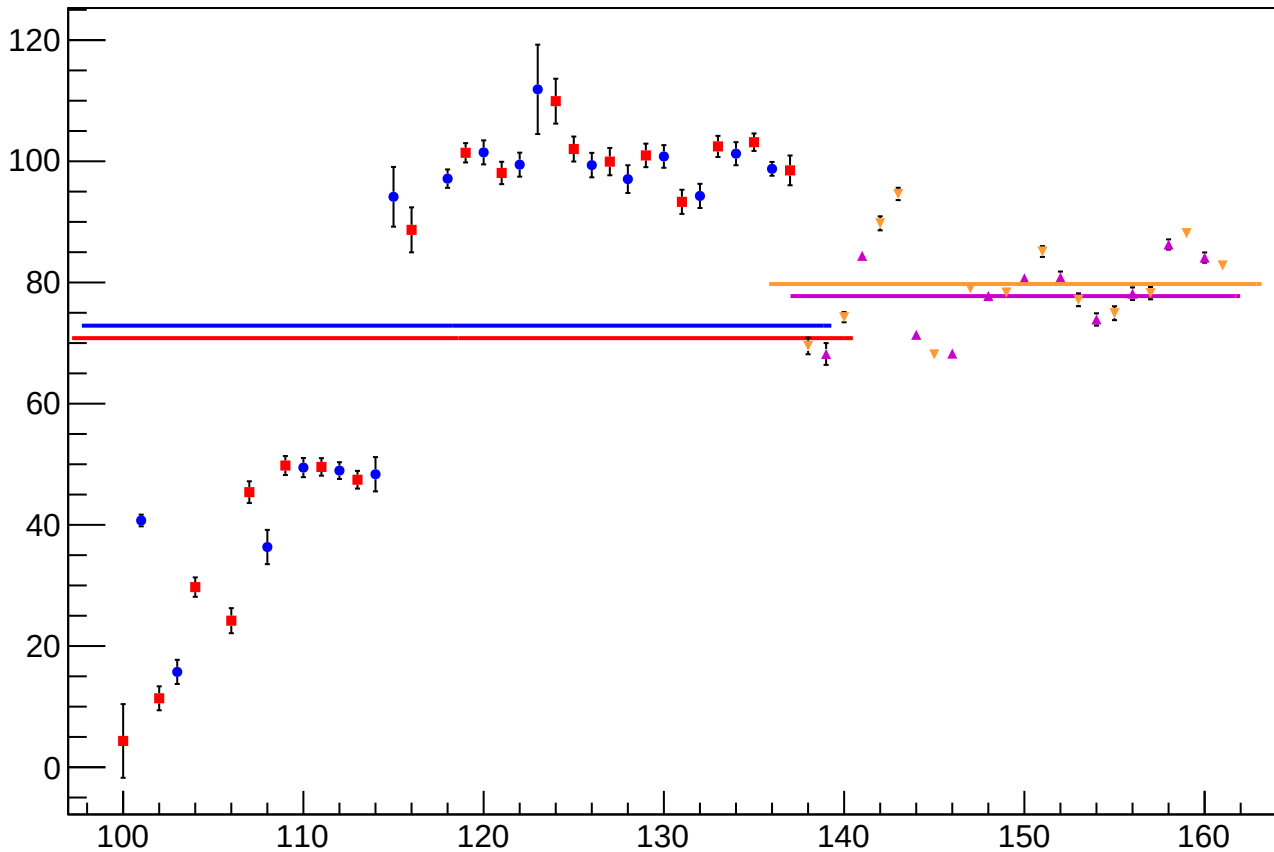
Left In: -47.077 ± 0.309 χ^2/NDF : 717.6/10

+ sign -40.791 ± 0.276 χ^2/NDF : 2694.3/29

All: -41.238 ± 0.196 χ^2/NDF : 5514.6/59

- sign -41.693 ± 0.278 χ^2/NDF : 2815.0/29

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 ± 0.426 χ^2/NDF : 4737.9/16

Left Out: 79.743 ± 0.252 χ^2/NDF : 814.6/12

Right Out: 70.815 ± 0.433 χ^2/NDF : 5489.3/18

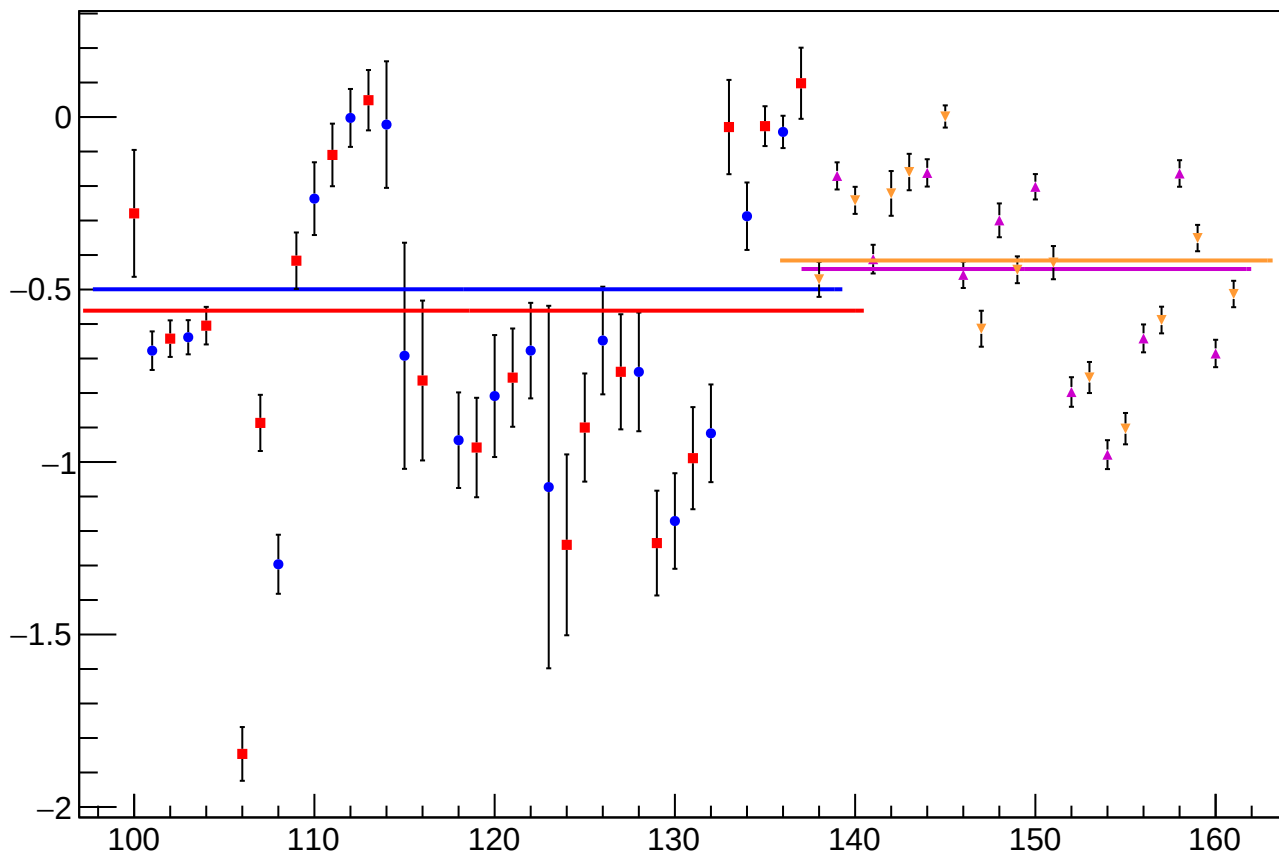
Left In: 77.754 ± 0.260 χ^2/NDF : 565.5/10

+ sign 77.964 ± 0.217 χ^2/NDF : 5745.3/29

All: 76.970 ± 0.155 χ^2/NDF : 12032.1/59

- sign 75.921 ± 0.223 χ^2/NDF : 6243.5/29

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.416 ± 0.012 χ^2/NDF : 437.7/12

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

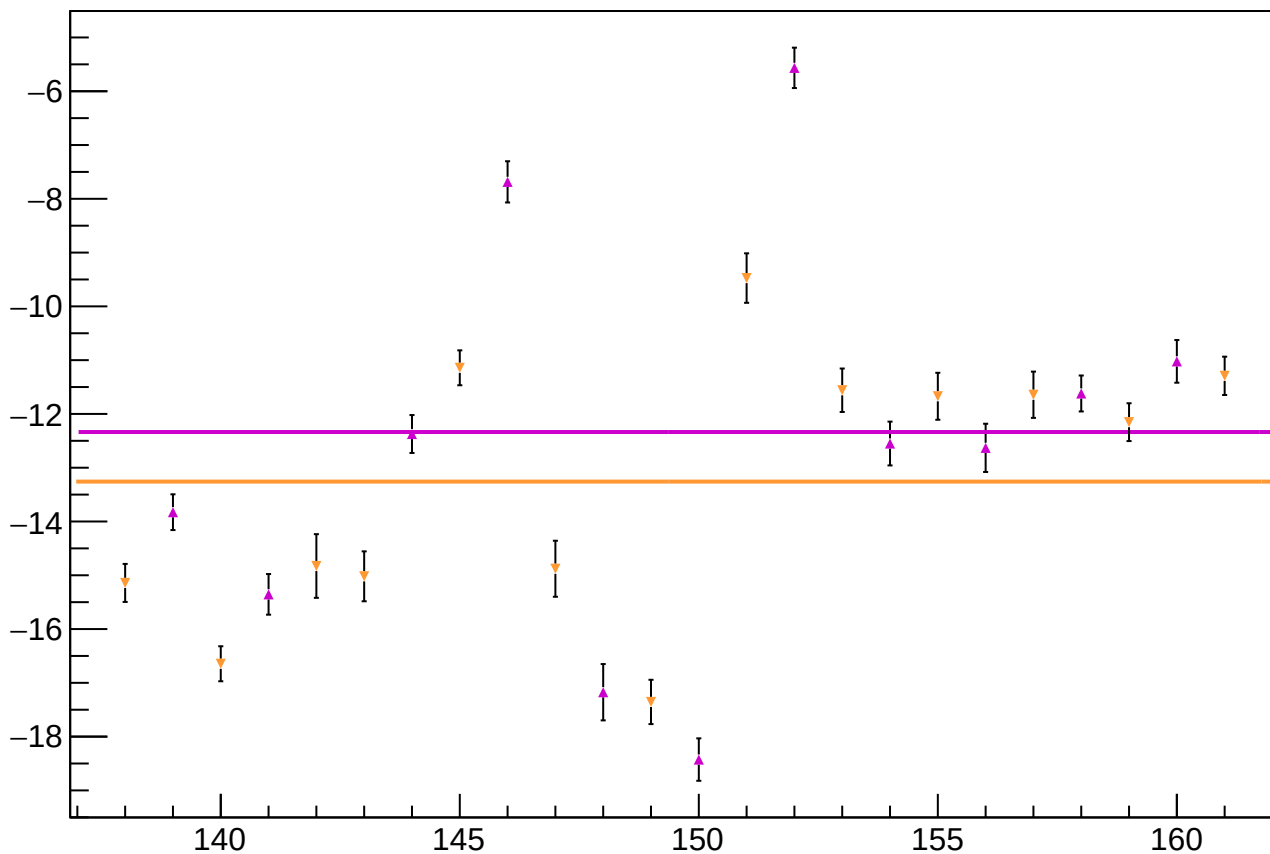
Left In: -0.441 ± 0.012 χ^2/NDF : 495.9/10

+ sign -0.434 ± 0.010 χ^2/NDF : 752.1/29

All: -0.452 ± 0.007 χ^2/NDF : 1840.1/59

- sign -0.470 ± 0.011 χ^2/NDF : 1082.3/29

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: -13.258+/-0.111 χ^2/NDF : 462.2/12

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

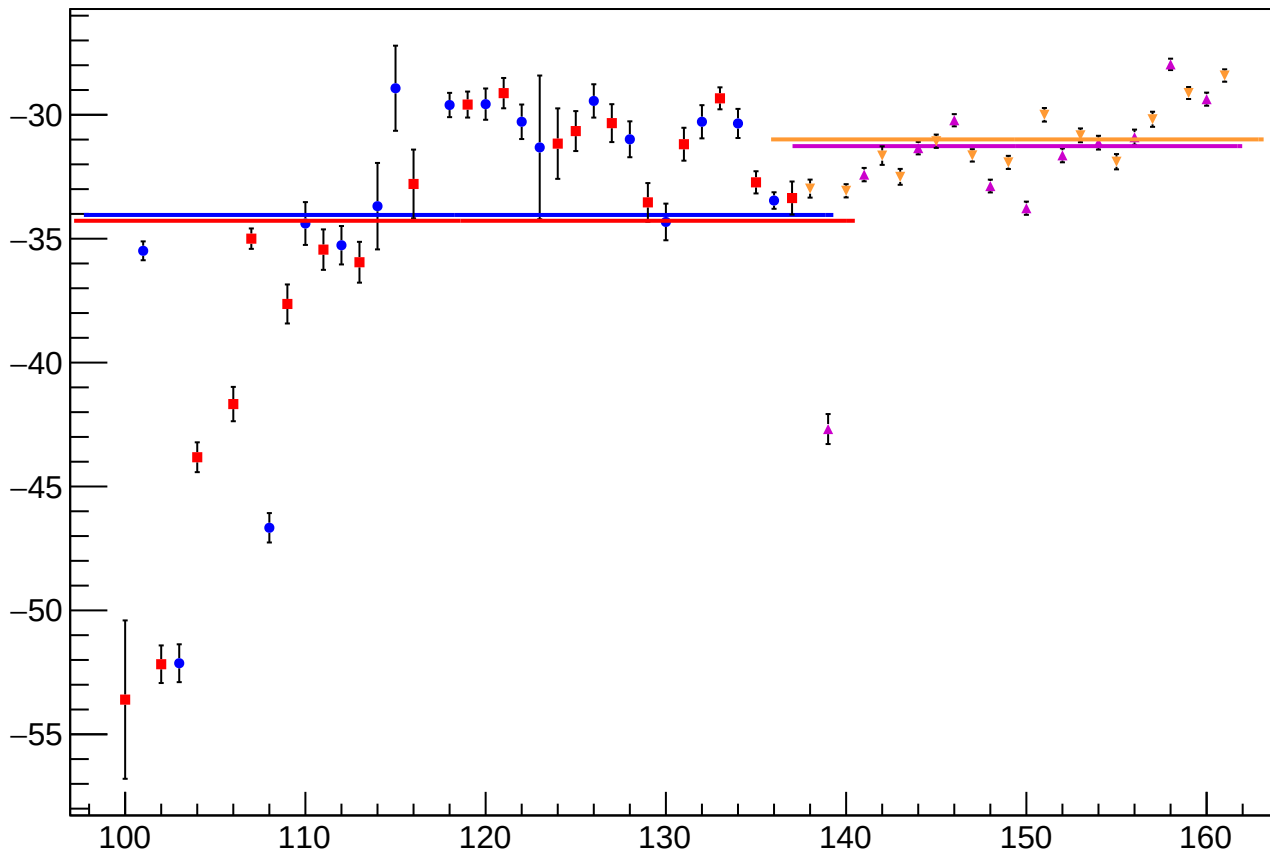
Left In: -12.336+/-0.116 χ^2/NDF : 896.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.818+/-0.080 χ^2/NDF : 1391.6/23

- 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: -30.993 ± 0.078 χ^2/NDF : 329.3/12

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

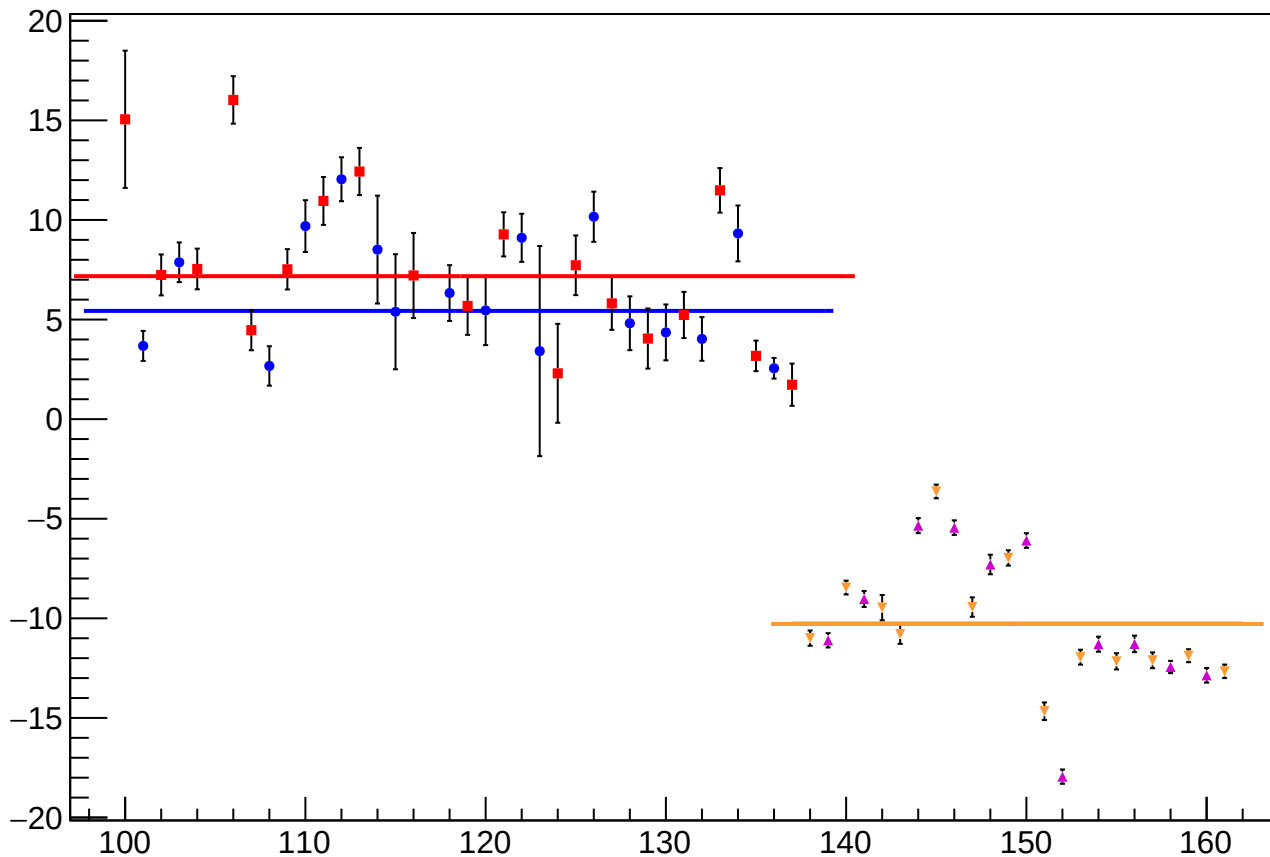
Left In: -31.265 ± 0.083 χ^2/NDF : 778.8/10

+ sign -31.642 ± 0.070 χ^2/NDF : 1992.3/29

All: -31.794 ± 0.050 χ^2/NDF : 4437.4/59

- sign -31.959 ± 0.072 χ^2/NDF : 2435.2/29

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 ± 0.270 $\chi^2/\text{NDF}: 132.0/16$

Left Out: -10.284 ± 0.109 $\chi^2/\text{NDF}: 721.2/12$

Right Out: 7.177 ± 0.274 $\chi^2/\text{NDF}: 182.6/18$

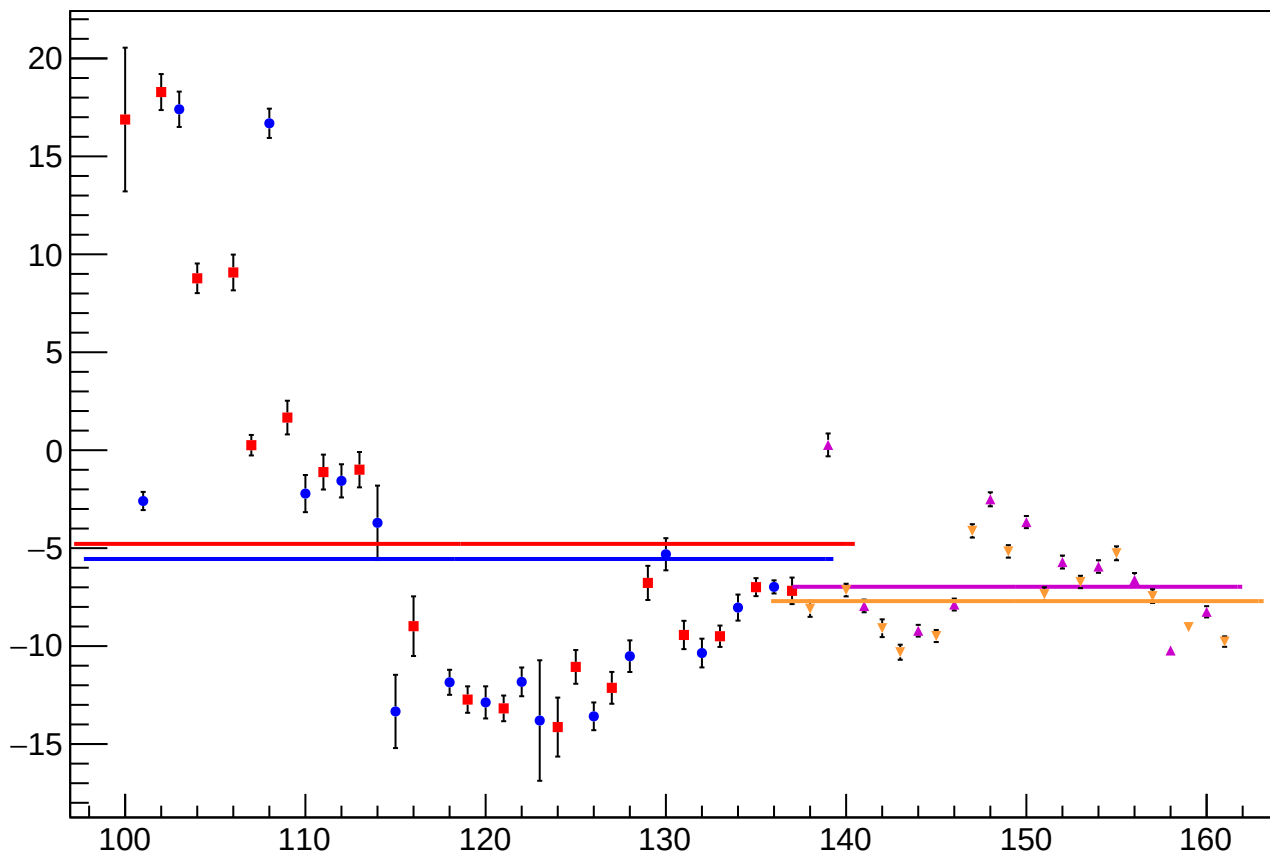
Left In: -10.271 ± 0.113 $\chi^2/\text{NDF}: 1090.8/10$

+ sign -8.068 ± 0.101 $\chi^2/\text{NDF}: 3774.2/29$

All: -7.907 ± 0.073 $\chi^2/\text{NDF}: 8514.0/59$

- sign -7.734 ± 0.105 $\chi^2/\text{NDF}: 4734.5/29$

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: -7.704 ± 0.091 $\chi^2/\text{NDF}: 411.1/12$

Right Out: -4.782 ± 0.173 $\chi^2/\text{NDF}: 2040.4/18$

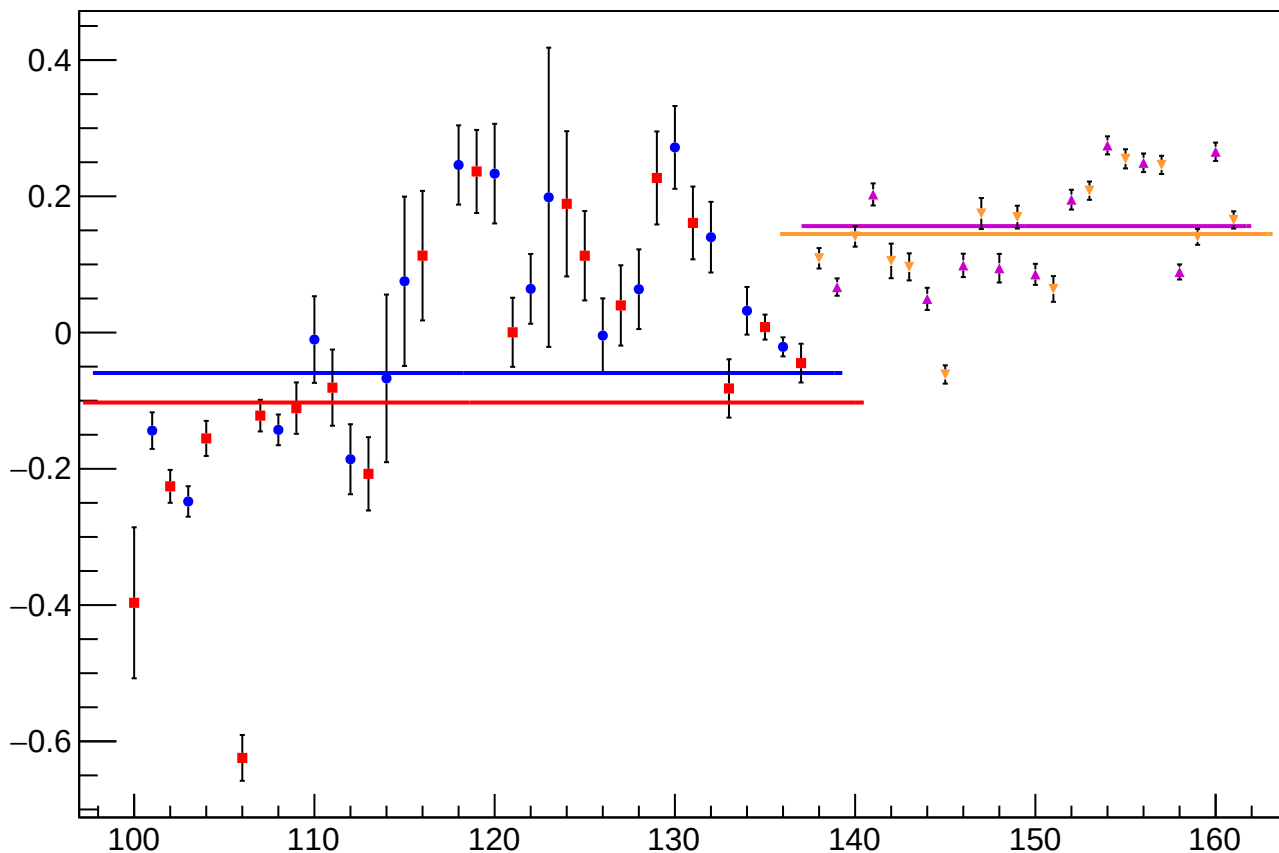
Left In: -6.972 ± 0.096 $\chi^2/\text{NDF}: 723.2/10$

+ sign -7.221 ± 0.080 $\chi^2/\text{NDF}: 2660.7/29$

All: -6.854 ± 0.058 $\chi^2/\text{NDF}: 5590.4/59$

- sign -6.456 ± 0.084 $\chi^2/\text{NDF}: 2886.3/29$

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: 0.145 ± 0.004 χ^2/NDF : 415.7/12

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

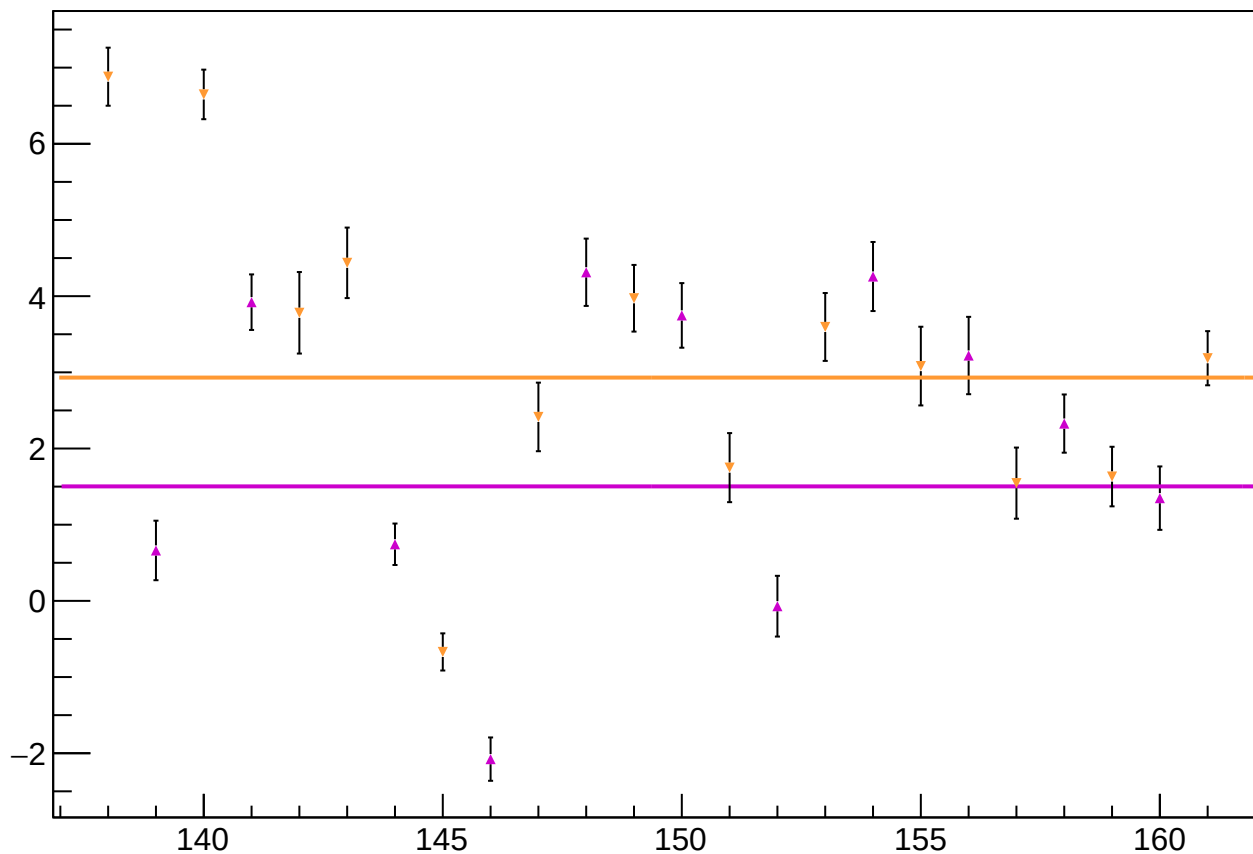
Left In: 0.156 ± 0.004 χ^2/NDF : 376.9/10

+ sign 0.104 ± 0.004 χ^2/NDF : 1105.8/29

All: 0.103 ± 0.003 χ^2/NDF : 2665.3/59

- sign 0.102 ± 0.004 χ^2/NDF : 1559.4/29

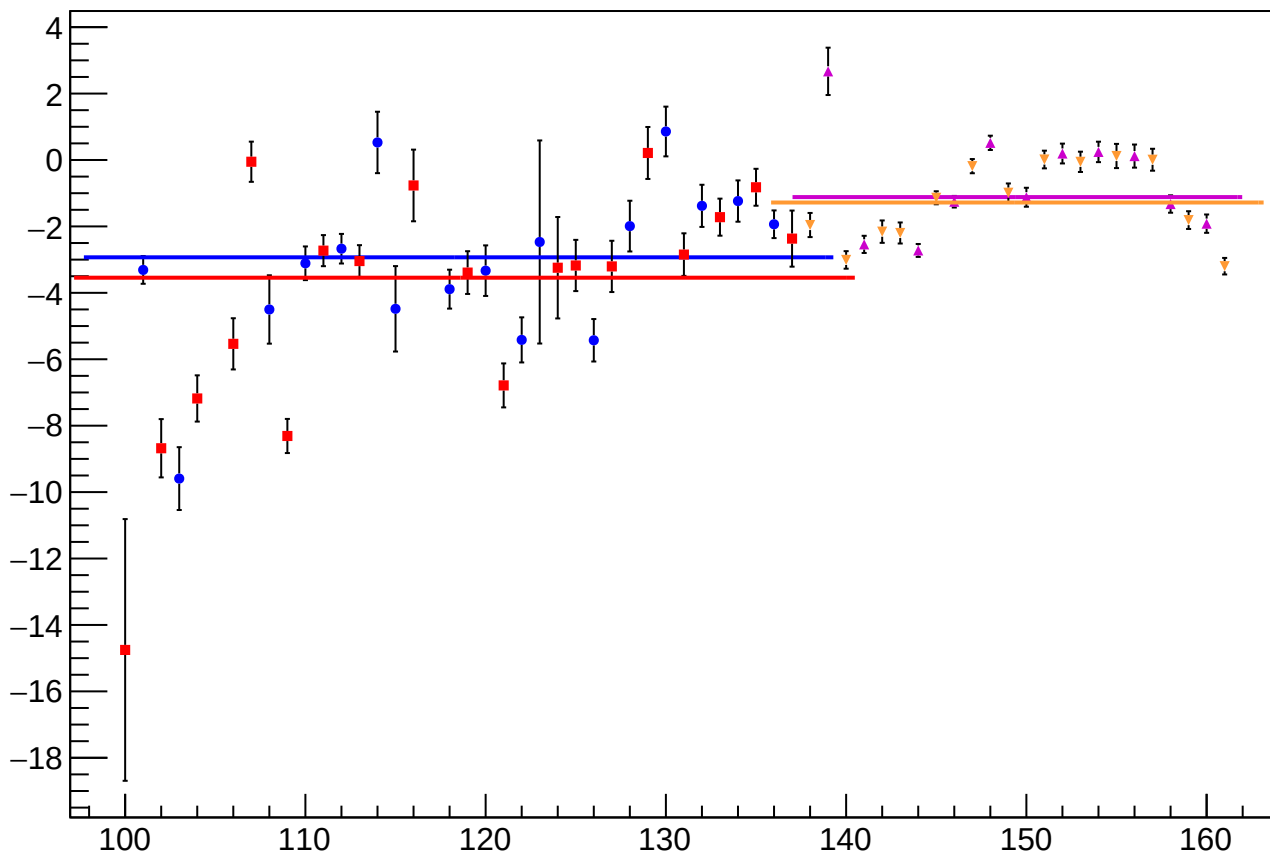
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.931 $\pm$ 0.109 χ^2 /NDF:505.7/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.503 $\pm$ 0.113 χ^2 /NDF:352.0/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.243 $\pm$ 0.078 χ^2 /NDF: 940.4/23
 - 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: -1.280 ± 0.076 χ^2/NDF : 222.3/12

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

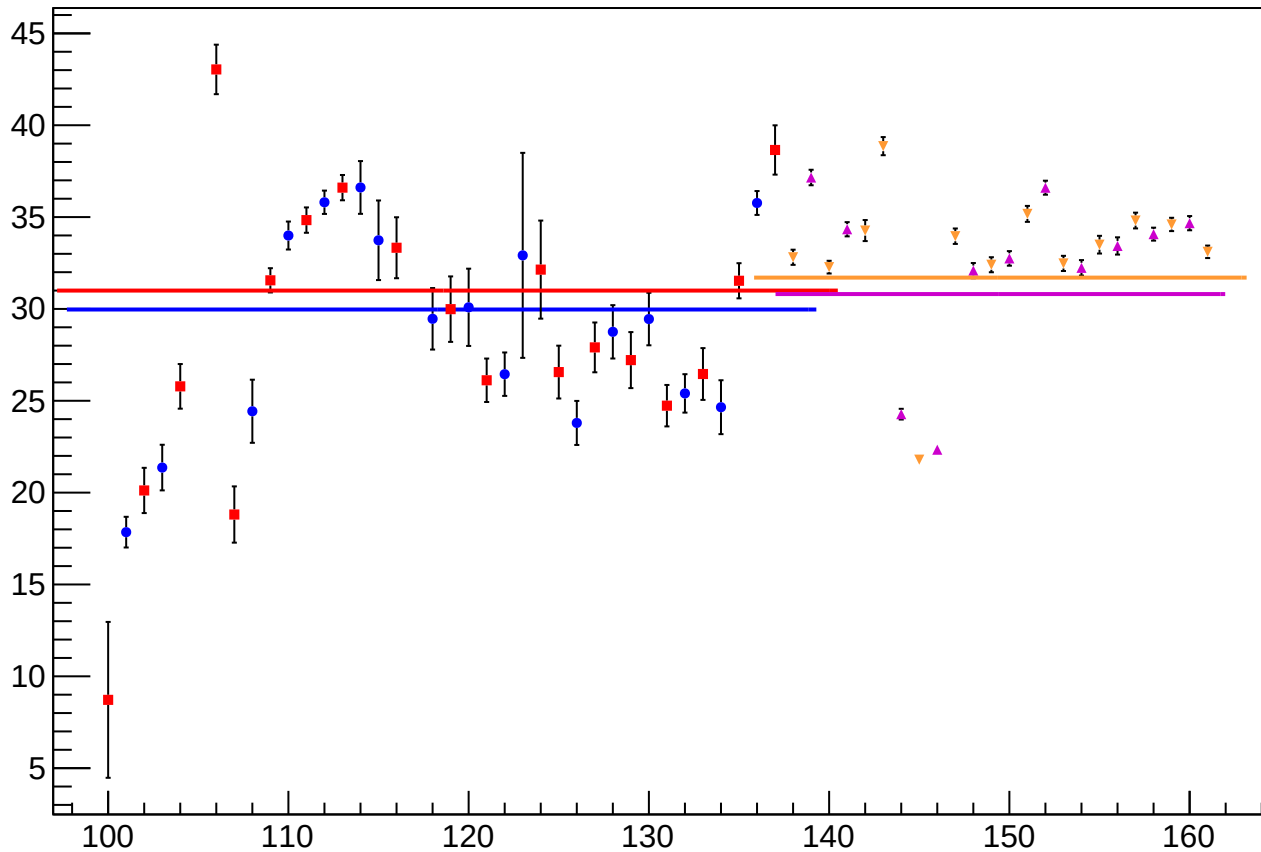
Left In: -1.117 ± 0.077 χ^2/NDF : 245.4/10

+ sign -1.604 ± 0.068 χ^2/NDF : 461.2/29

All: -1.603 ± 0.049 χ^2/NDF : 1195.6/59

- sign -1.601 ± 0.069 χ^2/NDF : 734.3/29

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 31.705 $\pm$ 0.109 χ^2 /NDF: 1942.2/12

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

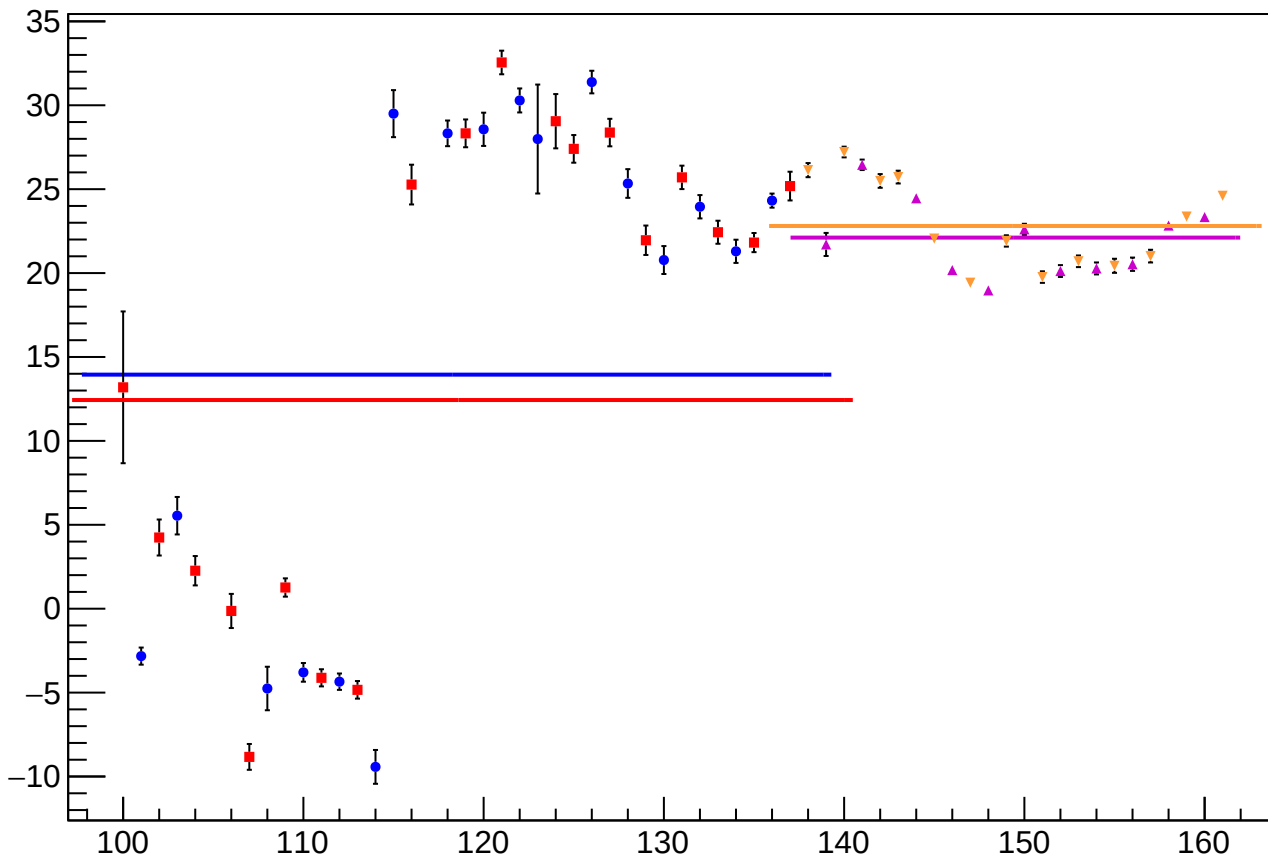
Left In: 30.810 $\pm$ 0.111 χ^2 /NDF: 2265.3/10

+ sign 31.458 $\pm$ 0.101 χ^2 /NDF: 2532.9/29

All: 31.153 $\pm$ 0.072 χ^2 /NDF: 5296.9/59

- sign 30.839 $\pm$ 0.102 χ^2 /NDF: 2745.3/29

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: 22.807 $\pm$ 0.090 χ^2 /NDF: 722.6/12

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

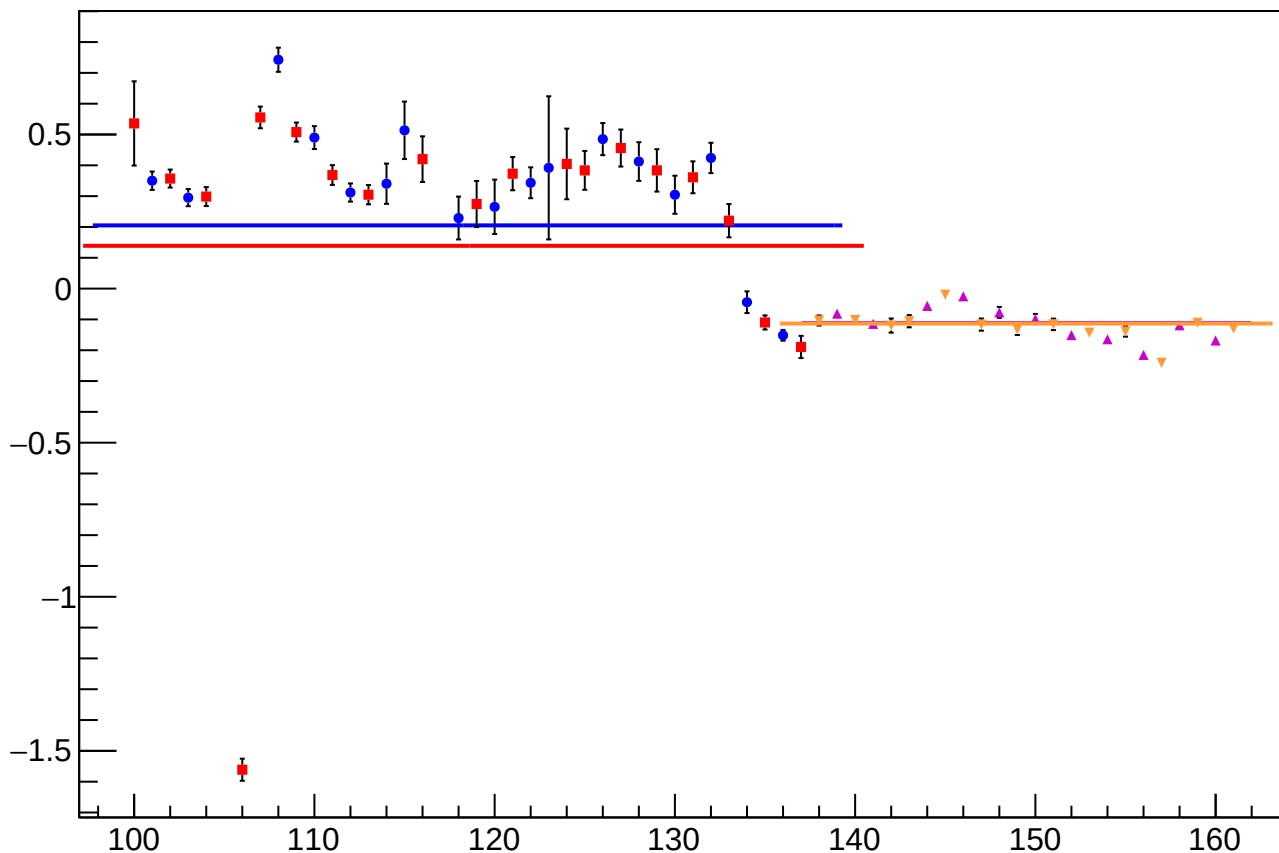
Left In: 22.114 $\pm$ 0.092 χ^2 /NDF: 584.2/10

+ sign 20.910 $\pm$ 0.080 χ^2 /NDF: 10200.1/29

All: 20.463 $\pm$ 0.057 χ^2 /NDF: 20238.2/59

- sign 19.998 $\pm$ 0.081 χ^2 /NDF: 9973.8/29

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: -0.113 $\pm$ 0.004 χ^2 /NDF:172.2/12

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

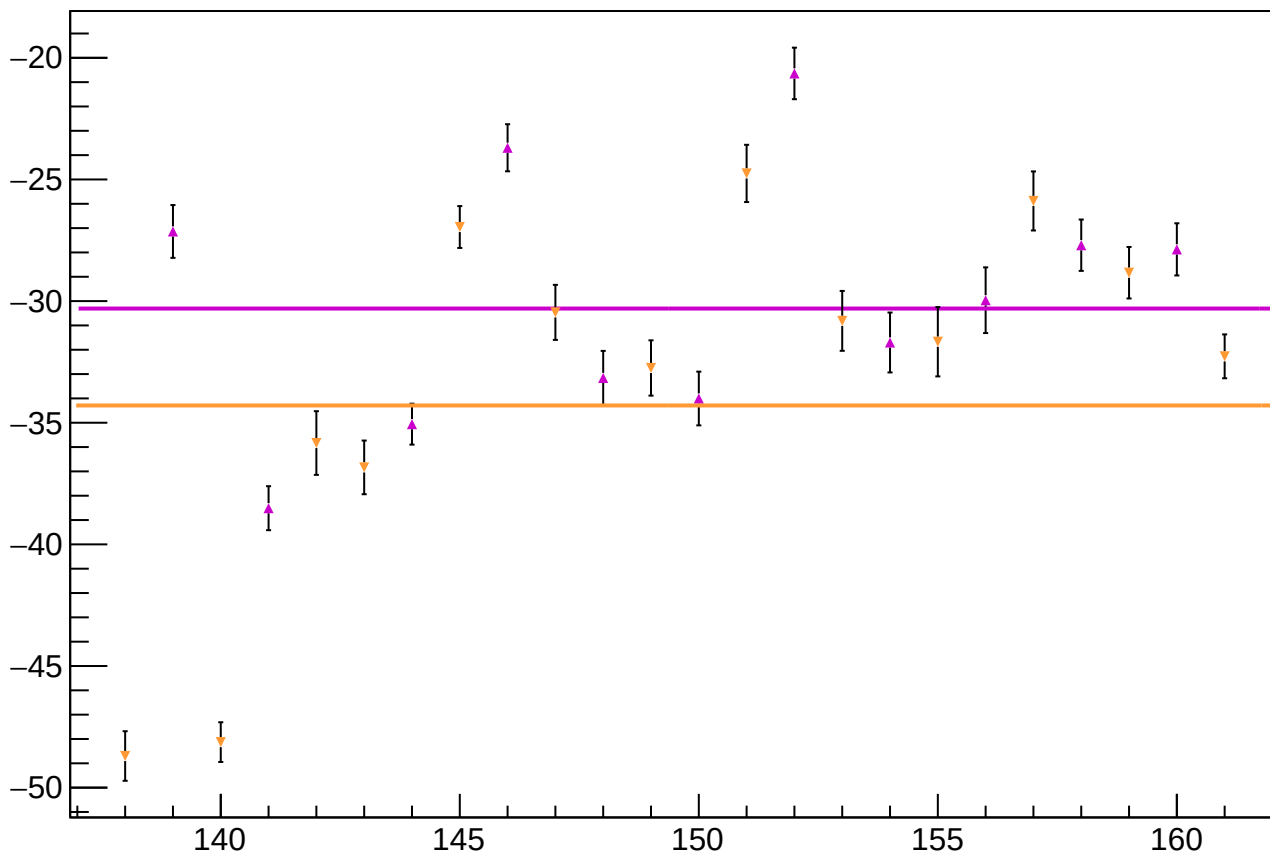
Left In: -0.112 $\pm$ 0.004 χ^2 /NDF:155.0/10

+ sign -0.059 $\pm$ 0.004 χ^2 /NDF: 1979.7/29

All: -0.062 $\pm$ 0.003 χ^2 /NDF: 5756.9/59

- sign -0.065 $\pm$ 0.004 χ^2 /NDF: 3776.0/29

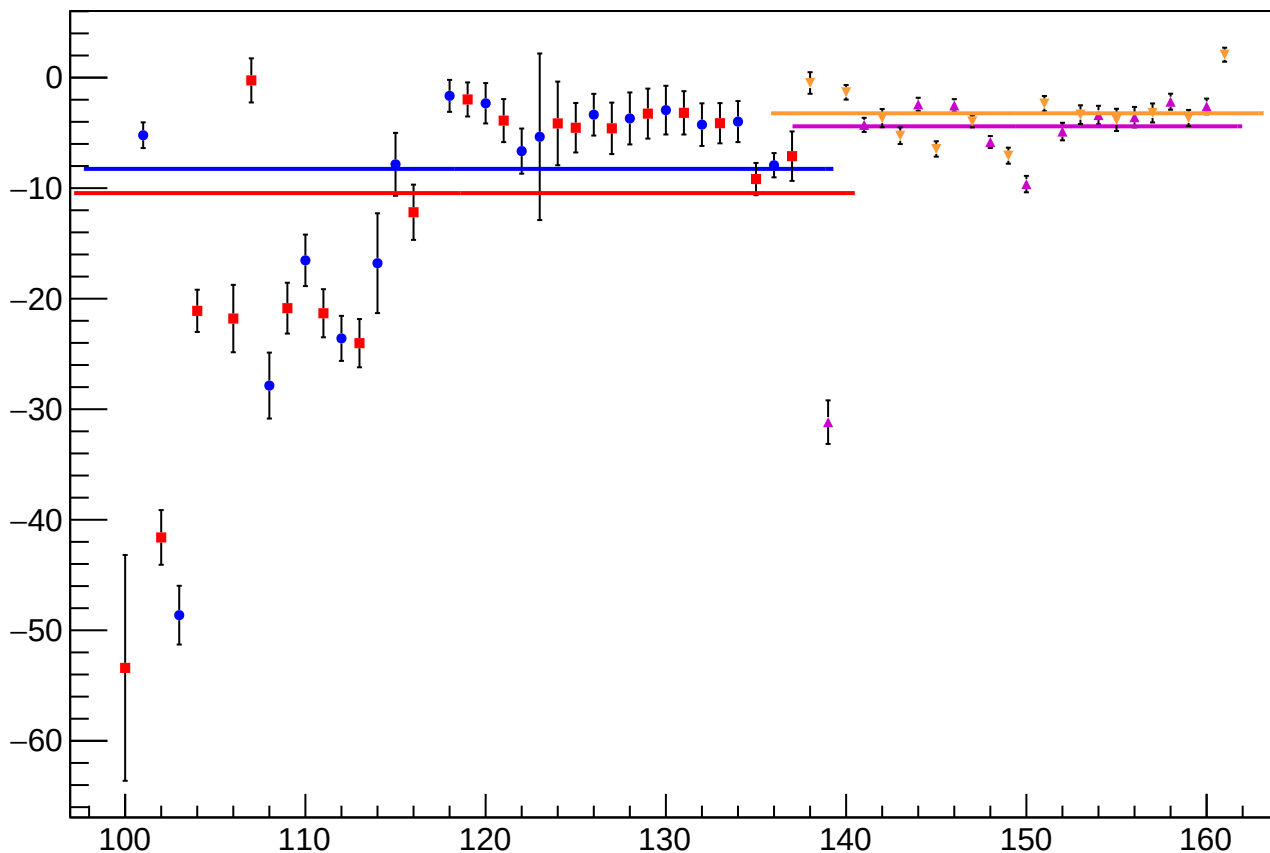
reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.290+/-0.296 χ^2/NDF : 736.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.306+/-0.315 χ^2/NDF : 283.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -32.428+/-0.216 χ^2/NDF : 1104.5/23
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -3.228 ± 0.203 χ^2/NDF : 147.1/12

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

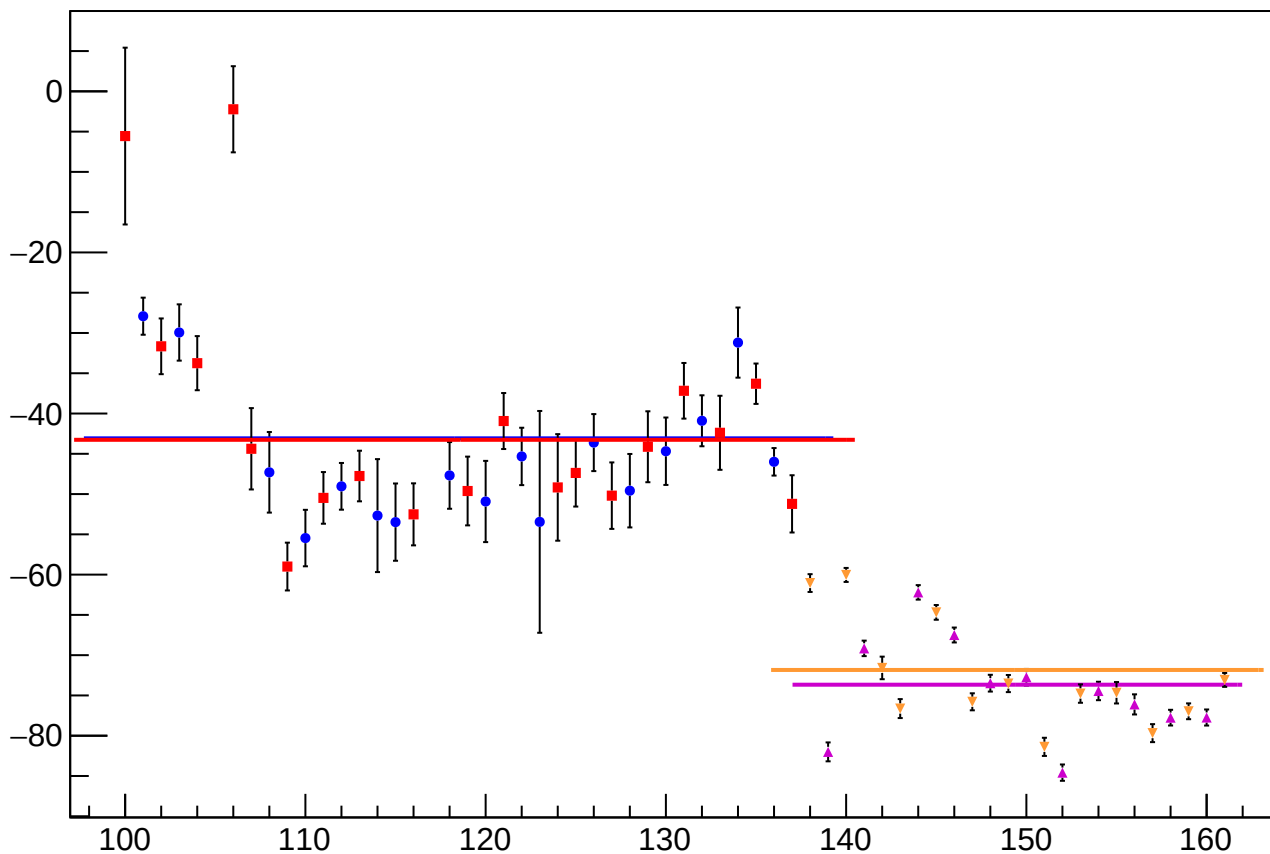
Left In: -4.407 ± 0.214 χ^2/NDF : 281.5/10

+ sign -4.042 ± 0.186 χ^2/NDF : 658.4/29

All: -4.671 ± 0.135 χ^2/NDF : 1519.5/59

- sign -5.368 ± 0.196 χ^2/NDF : 837.0/29

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: -71.836 ± 0.293 χ^2/NDF : 535.4/12

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

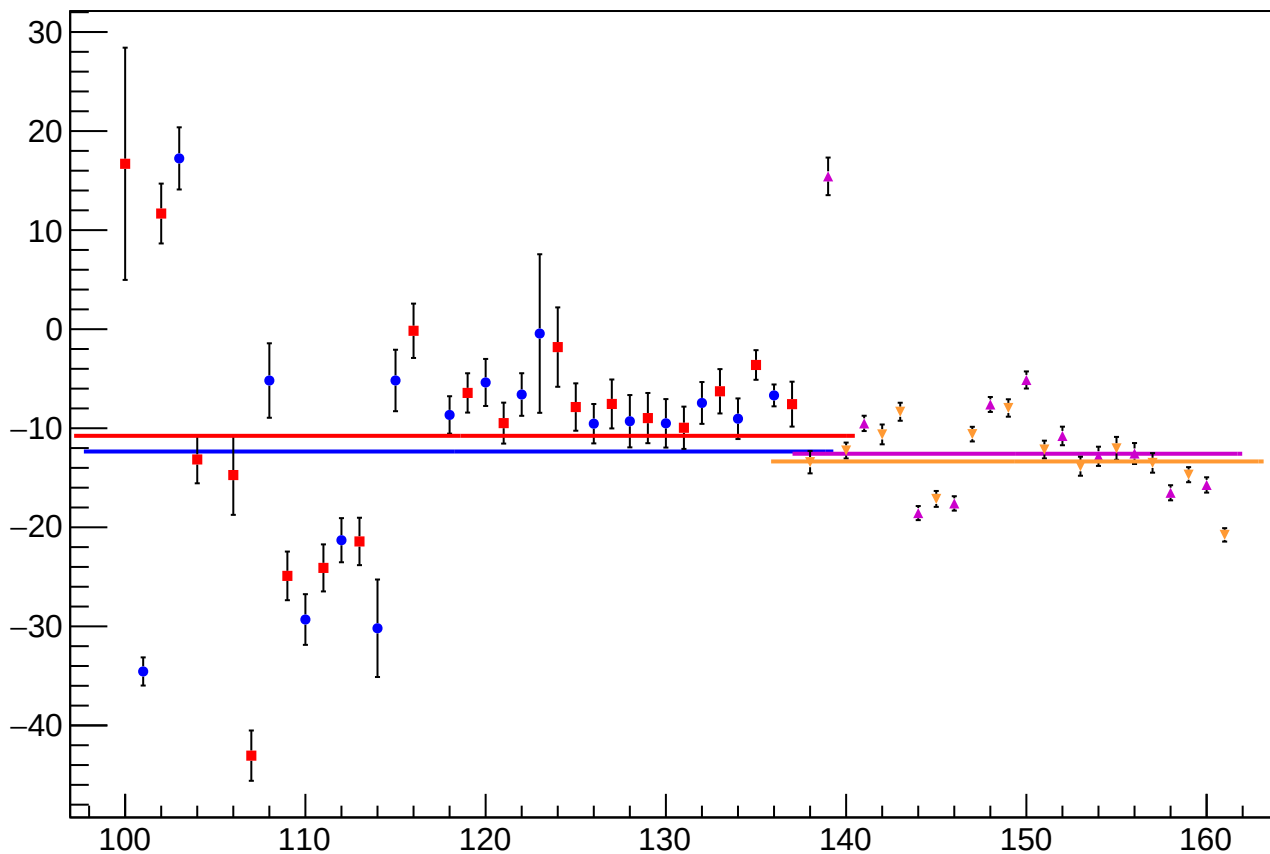
Left In: -73.667 ± 0.309 χ^2/NDF : 434.4/10

+ sign -68.679 ± 0.276 χ^2/NDF : 1692.1/29

All: -69.423 ± 0.200 χ^2/NDF : 3388.8/59

- sign -70.245 ± 0.291 χ^2/NDF : 1681.4/29

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: -13.351 ± 0.241 χ^2/NDF : 239.6/12

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

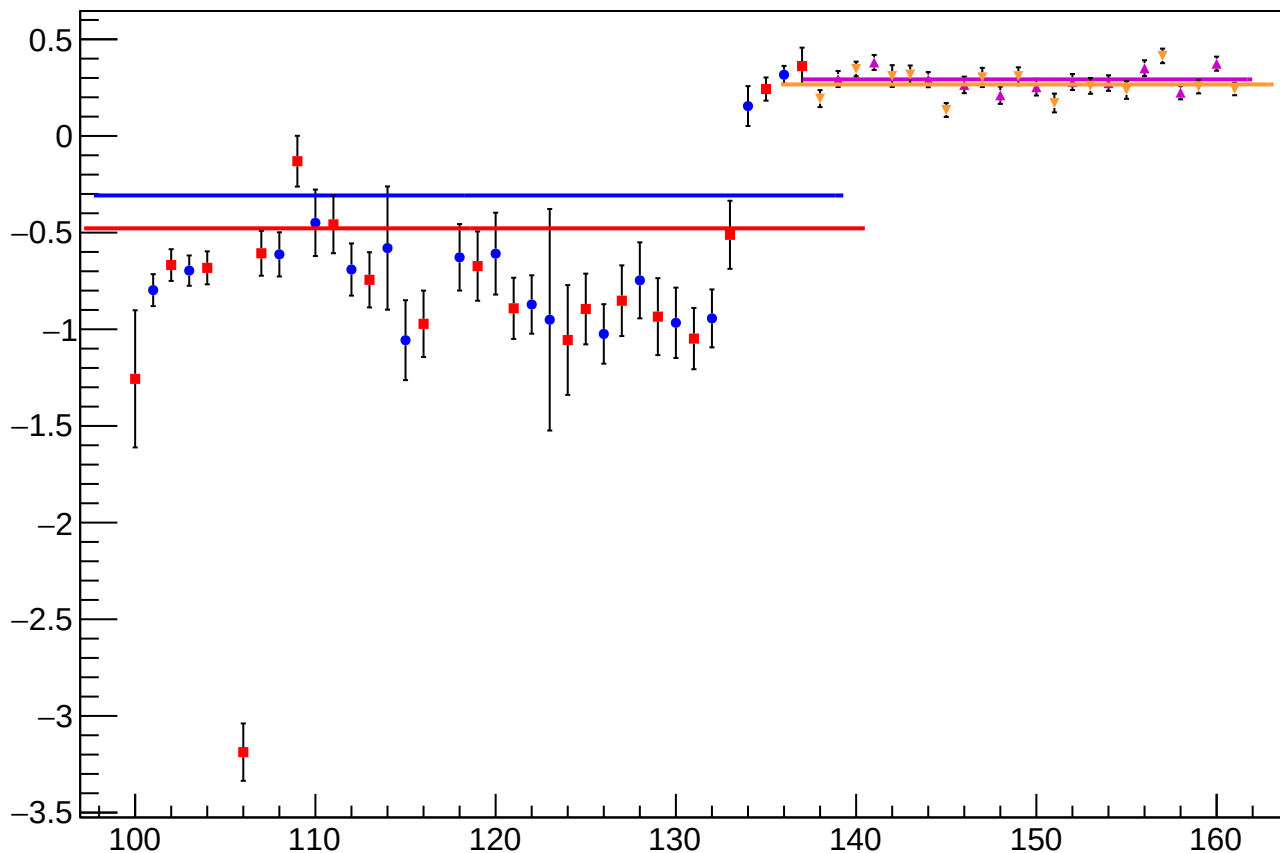
Left In: -12.574 ± 0.255 χ^2/NDF : 516.8/10

+ sign -13.174 ± 0.219 χ^2/NDF : 718.6/29

All: -12.742 ± 0.159 χ^2/NDF : 1619.1/59

- sign -12.258 ± 0.231 χ^2/NDF : 892.2/29

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: 0.266 ± 0.011 χ^2/NDF : 44.2/12

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

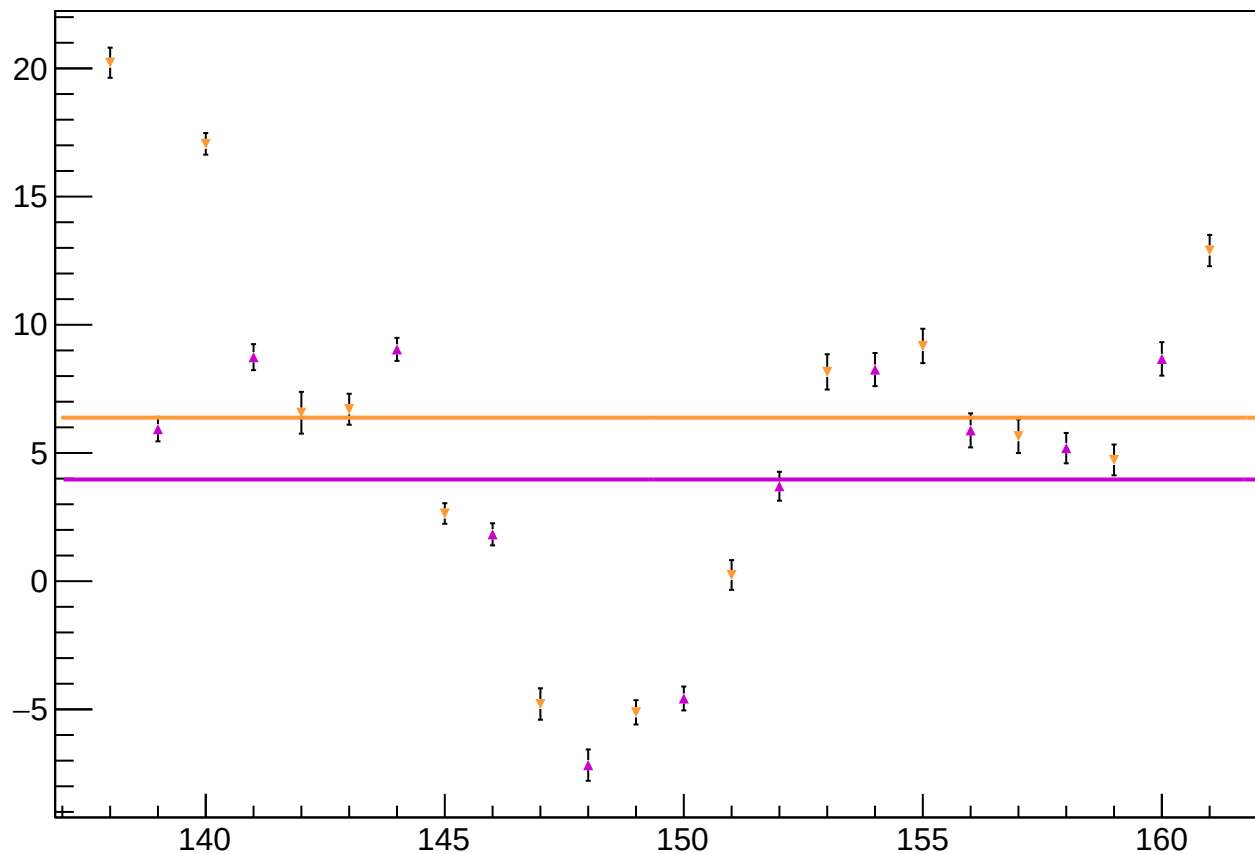
Left In: 0.293 ± 0.012 χ^2/NDF : 20.9/10

+ sign 0.181 ± 0.011 χ^2/NDF : 787.7/29

All: 0.178 ± 0.008 χ^2/NDF : 2058.0/59

- sign 0.175 ± 0.011 χ^2/NDF : 1270.1/29

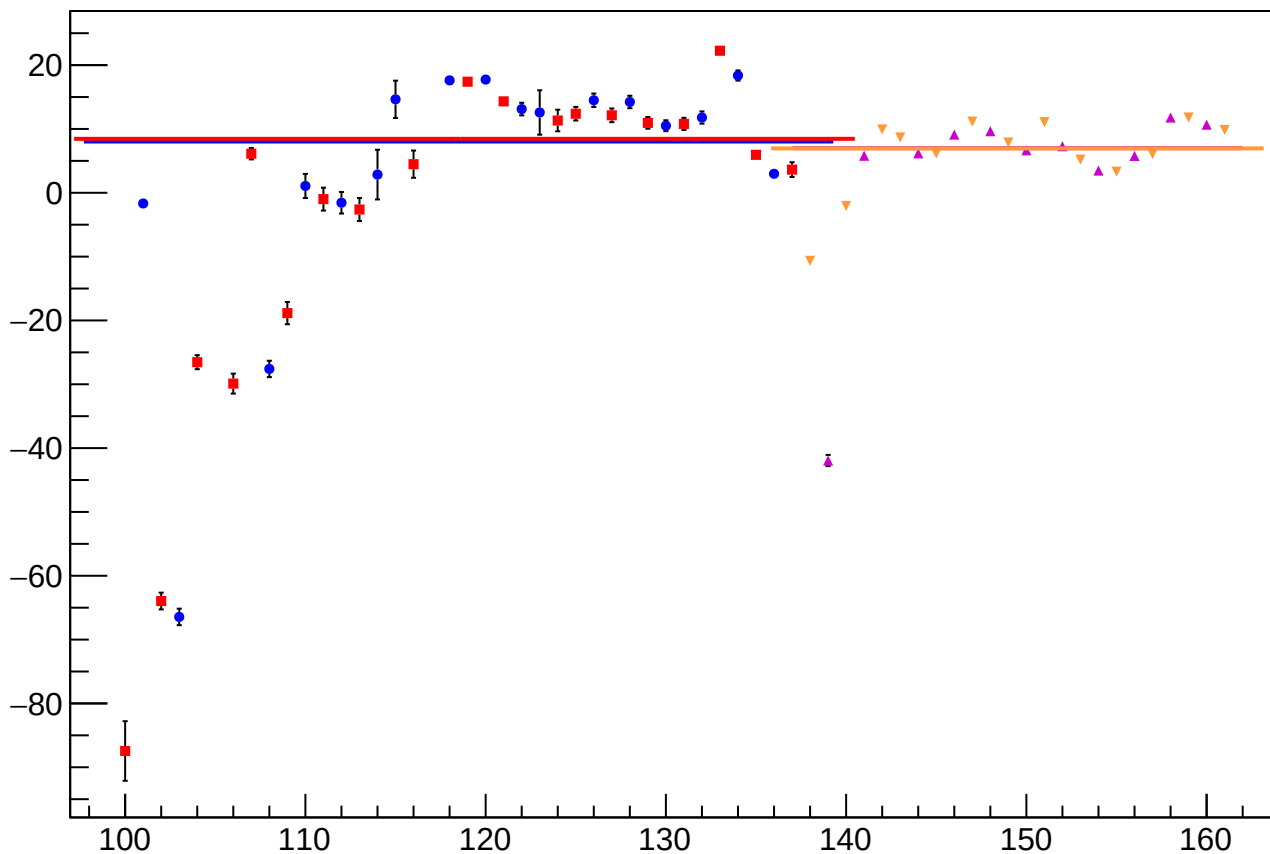
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.379 $\pm$ 0.156 χ^2 /NDF:2461.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.966 $\pm$ 0.160 χ^2 /NDF:1033.7/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.207 $\pm$ 0.112 χ^2 /NDF: 3612.0/23
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 ± 0.215 χ^2/NDF : 5369.4/16

Left Out: 6.951 ± 0.108 χ^2/NDF : 2207.7/12

Right Out: 8.454 ± 0.213 χ^2/NDF : 6704.4/18

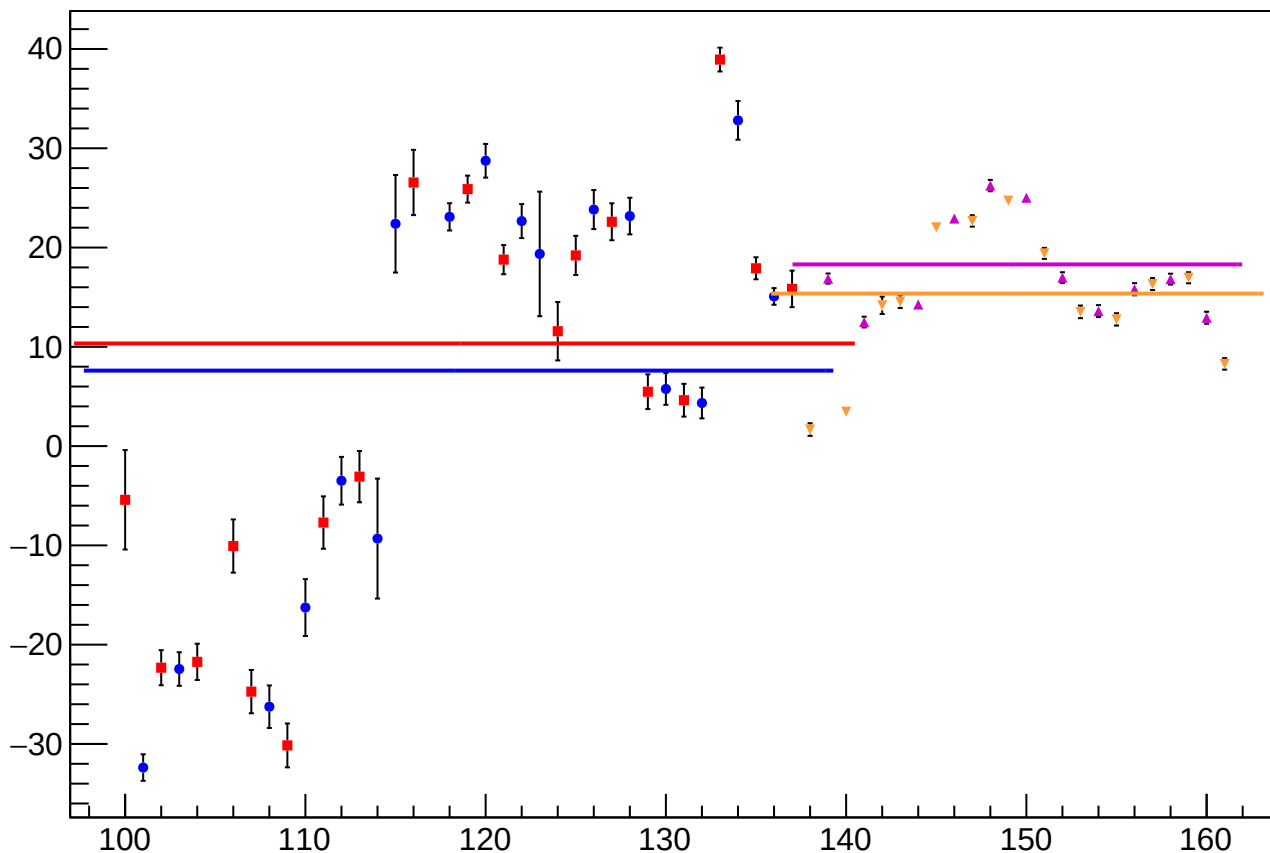
Left In: 6.988 ± 0.112 χ^2/NDF : 3531.2/10

+ sign 7.170 ± 0.097 χ^2/NDF : 7597.4/29

All: 7.237 ± 0.069 χ^2/NDF : 17870.9/59

- sign 7.306 ± 0.099 χ^2/NDF : 10272.5/29

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 15.360 ± 0.154 χ^2/NDF : 2259.2/12

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

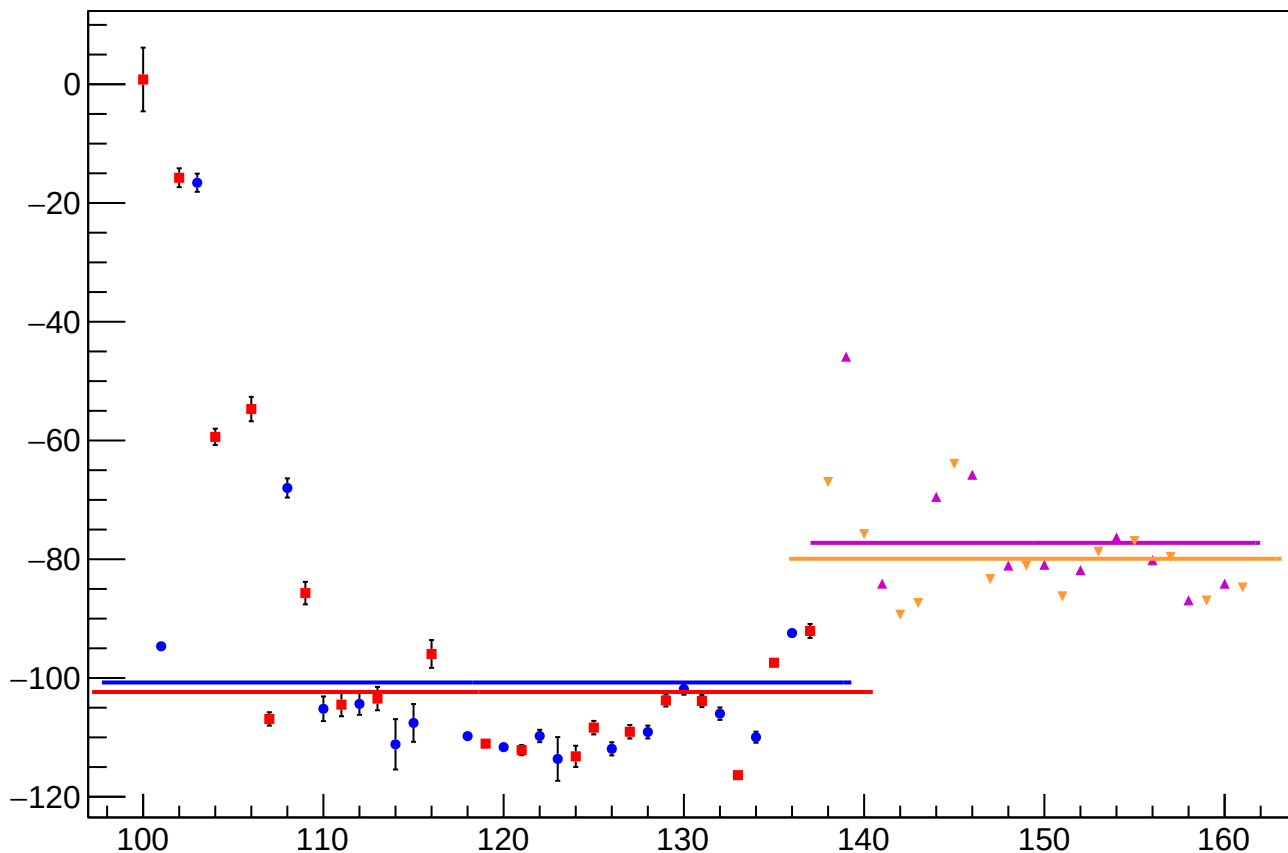
Left In: 18.300 ± 0.157 χ^2/NDF : 916.7/10

+ sign 14.421 ± 0.145 χ^2/NDF : 4890.0/29

All: 15.842 ± 0.103 χ^2/NDF : 8604.8/59

- sign 17.309 ± 0.147 χ^2/NDF : 3518.6/29

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: -79.918 ± 0.129 χ^2/NDF : 3385.8/12

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

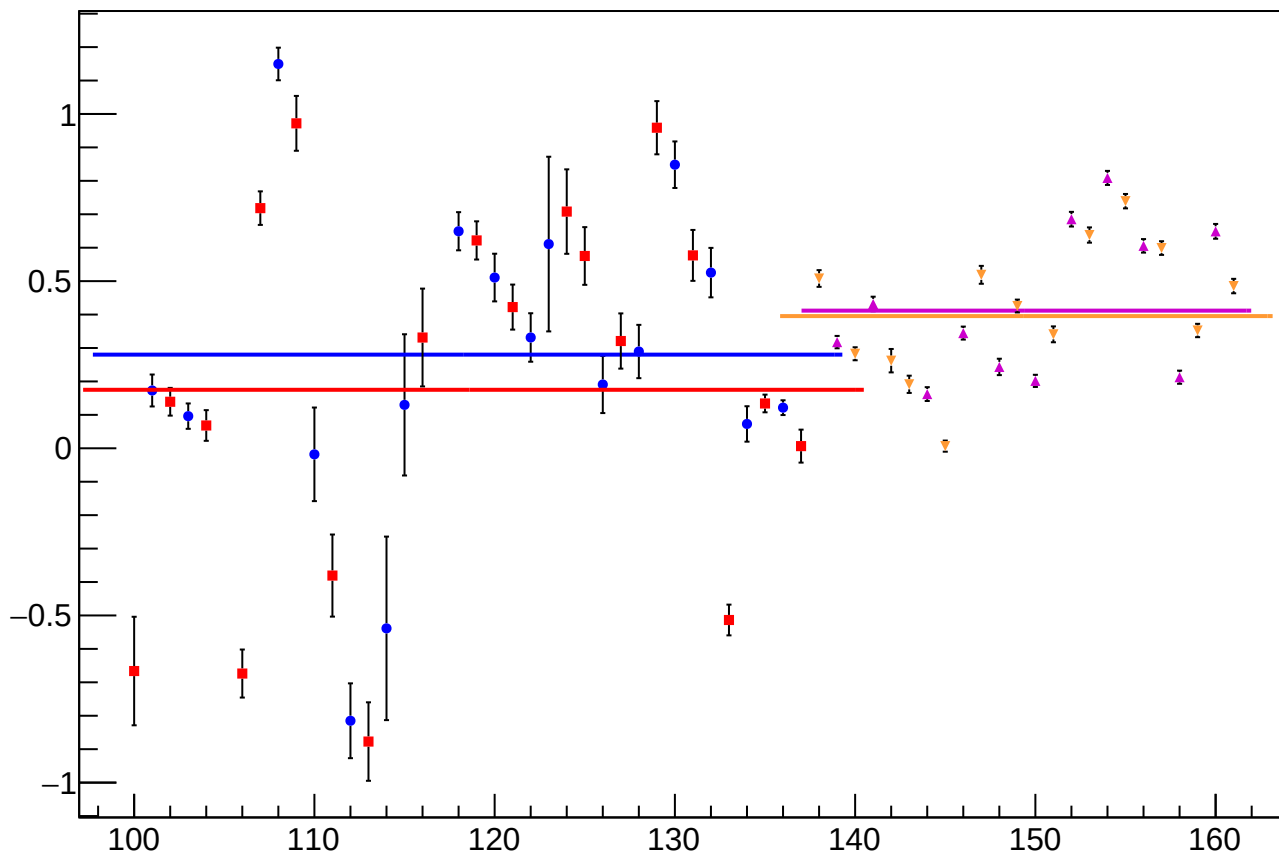
Left In: -77.238 ± 0.133 χ^2/NDF : 4167.6/10

+ sign -84.330 ± 0.114 χ^2/NDF : 13471.4/29

All: -83.634 ± 0.082 χ^2/NDF : 31851.7/59

- sign -82.904 ± 0.117 χ^2/NDF : 18304.1/29

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 ± 0.013 χ^2/NDF : 656.0/16

Left Out: 0.395 ± 0.006 χ^2/NDF : 1192.8/12

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

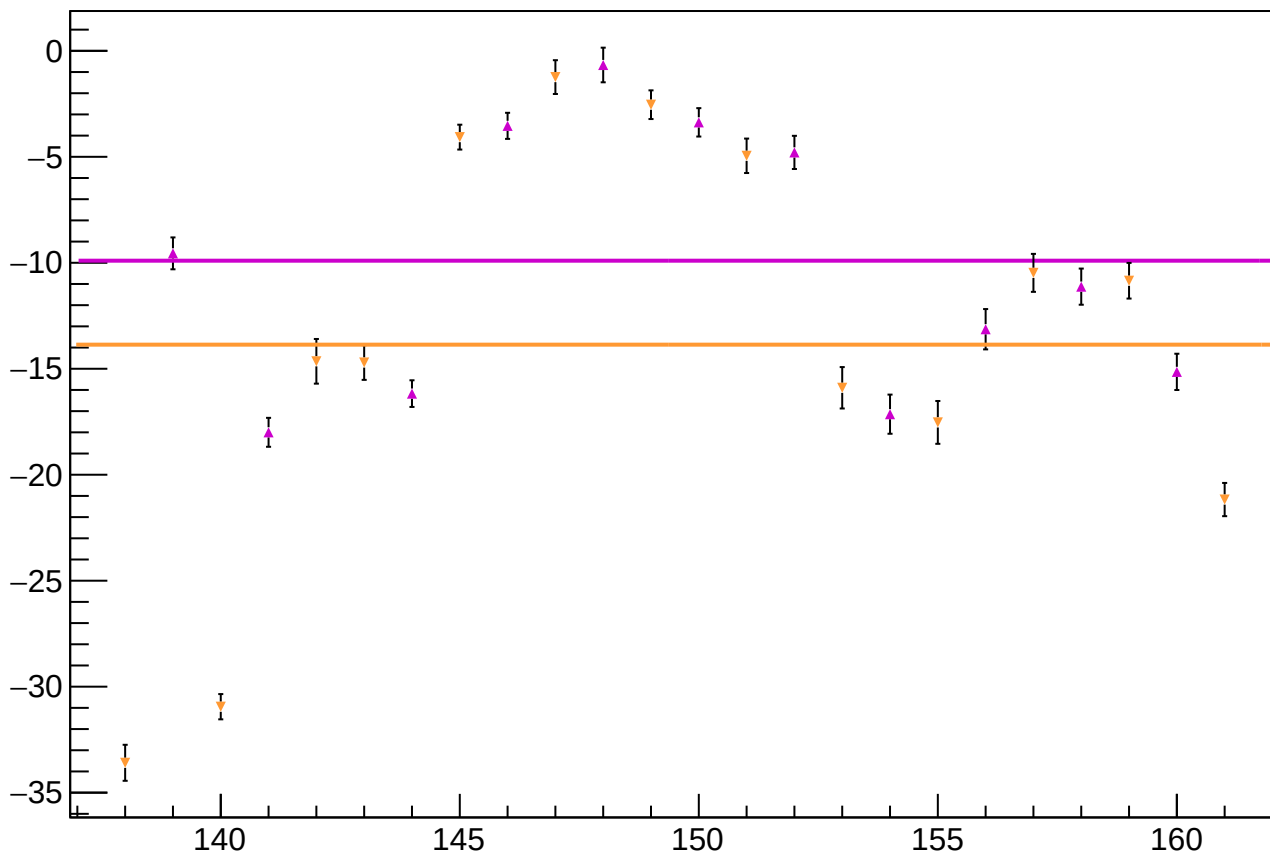
Left In: 0.412 ± 0.006 χ^2/NDF : 1184.0/10

+ sign 0.376 ± 0.006 χ^2/NDF : 1909.6/29

All: 0.373 ± 0.004 χ^2/NDF : 4316.8/59

- sign 0.370 ± 0.006 χ^2/NDF : 2406.7/29

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.863+/-0.218 χ^2/NDF : 2423.5/12

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

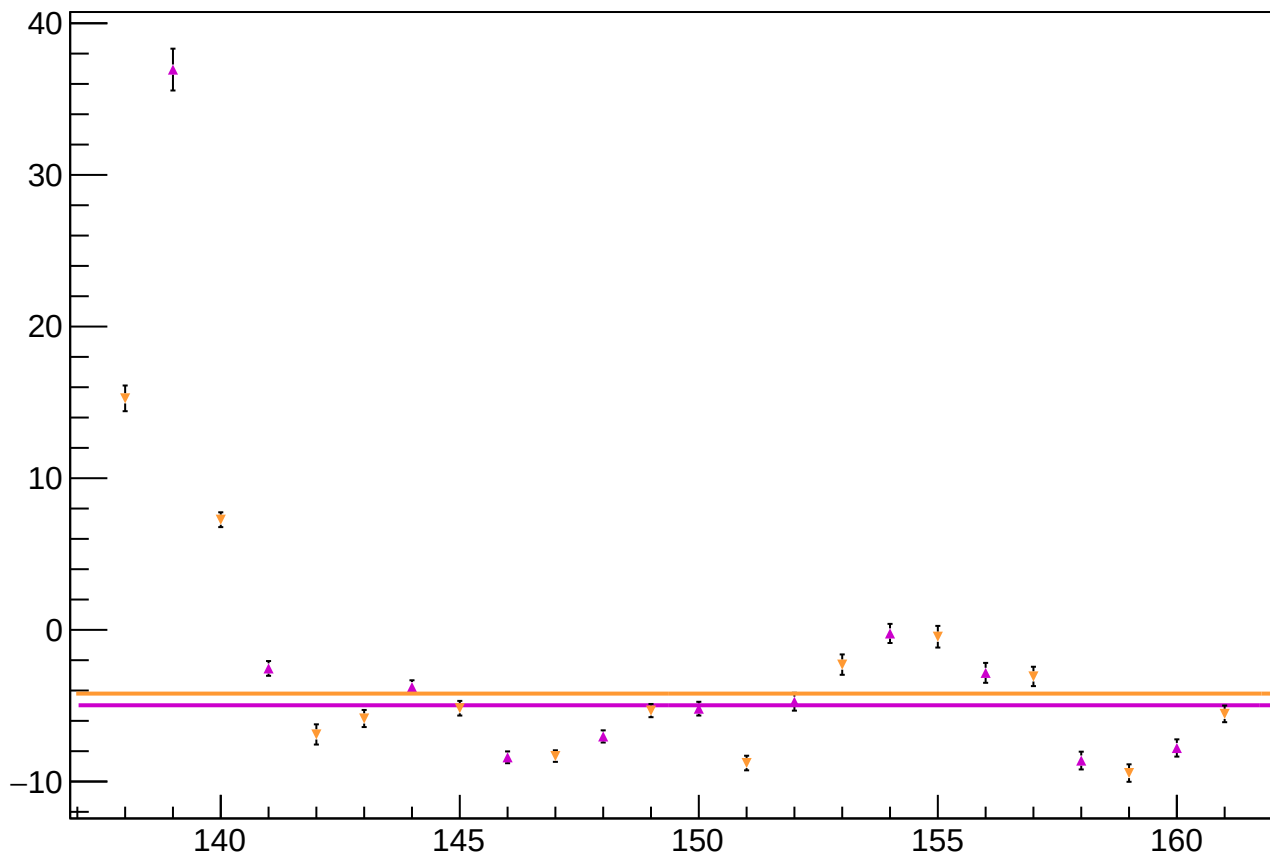
Left In: -9.901+/-0.227 χ^2/NDF : 725.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.962+/-0.157 χ^2/NDF : 3307.5/23

- 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: -4.203+/-0.150 χ^2/NDF : 1448.5/12

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

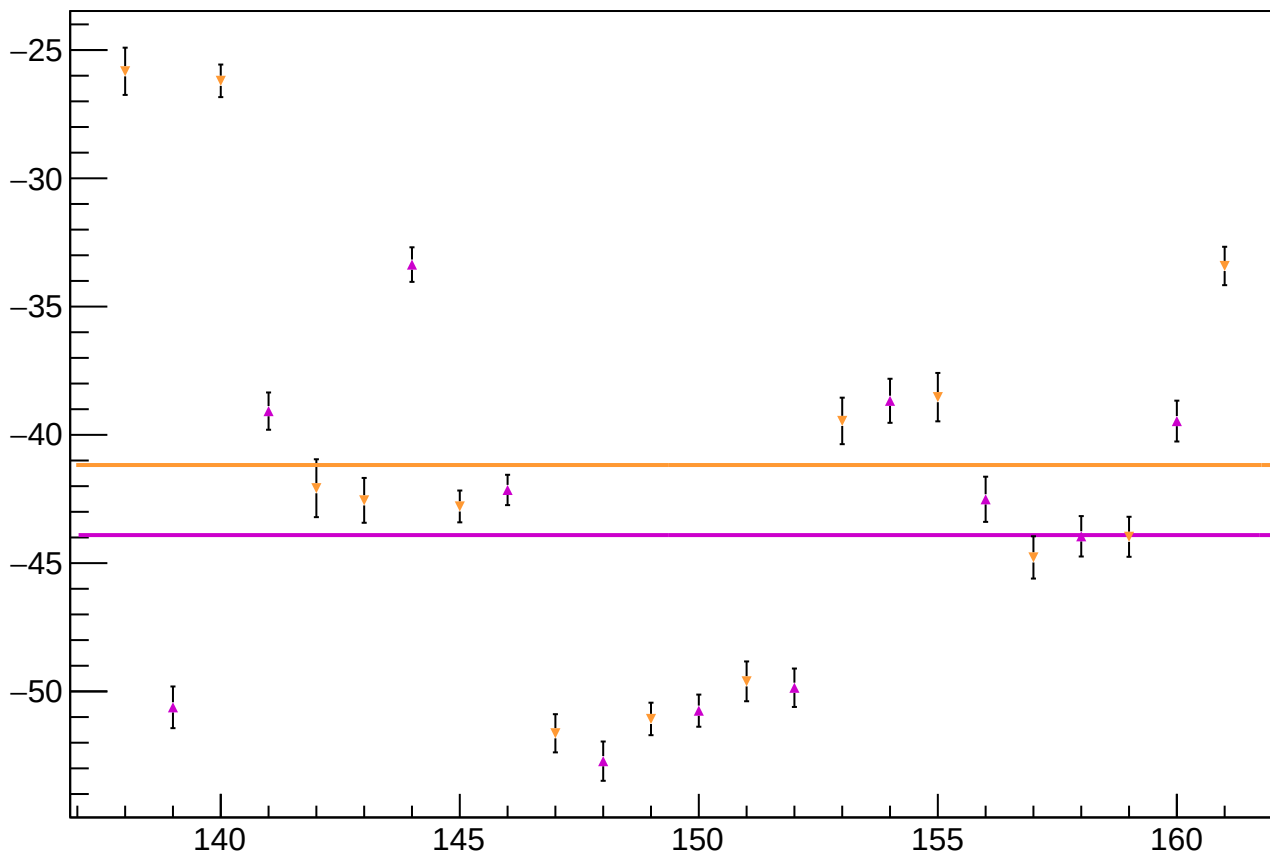
Left In: -4.973+/-0.156 χ^2/NDF : 1190.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.571+/-0.108 χ^2/NDF : 2651.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -41.176+/-0.215 χ^2/NDF : 1554.9/12

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

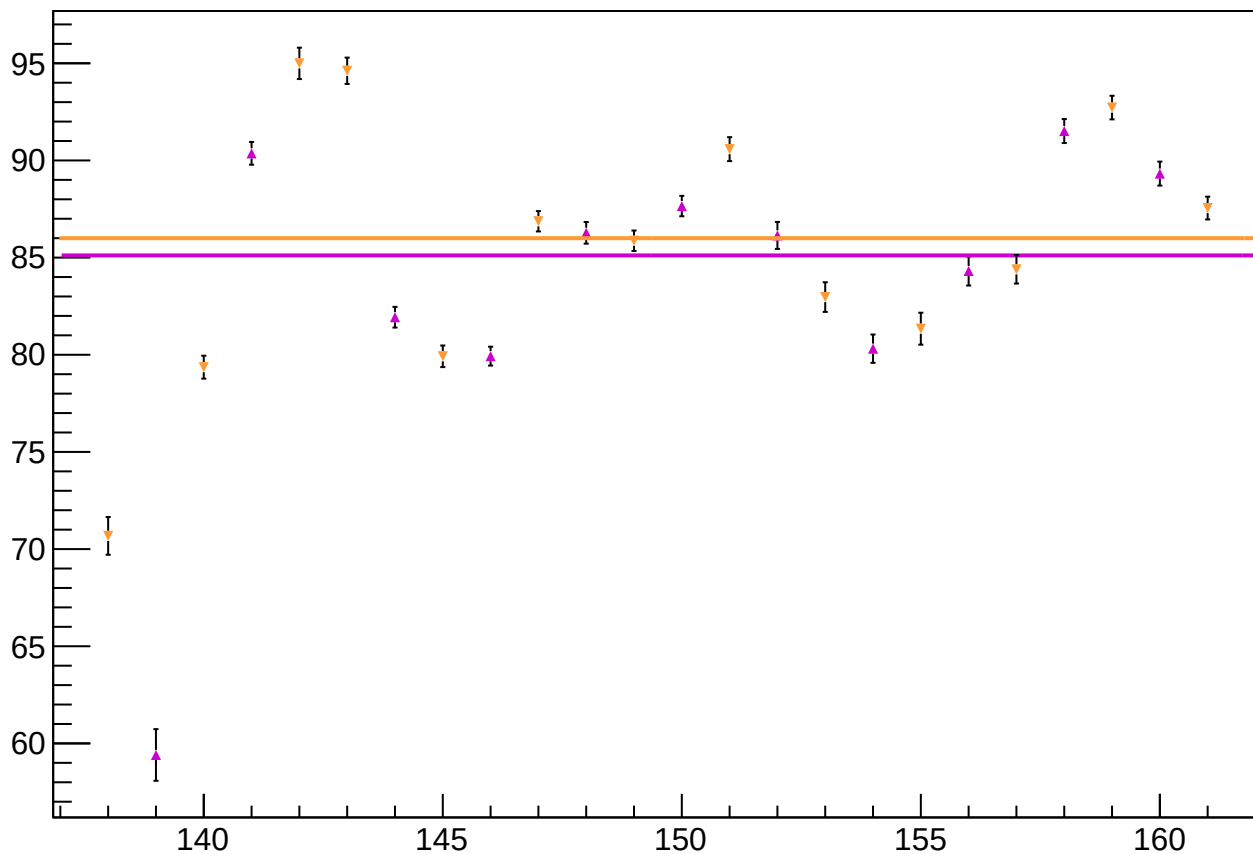
Left In: -43.907+/-0.222 χ^2/NDF : 752.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.502+/-0.154 χ^2/NDF : 2384.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 85.999+/-0.178 χ^2/NDF :1022.1/12

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

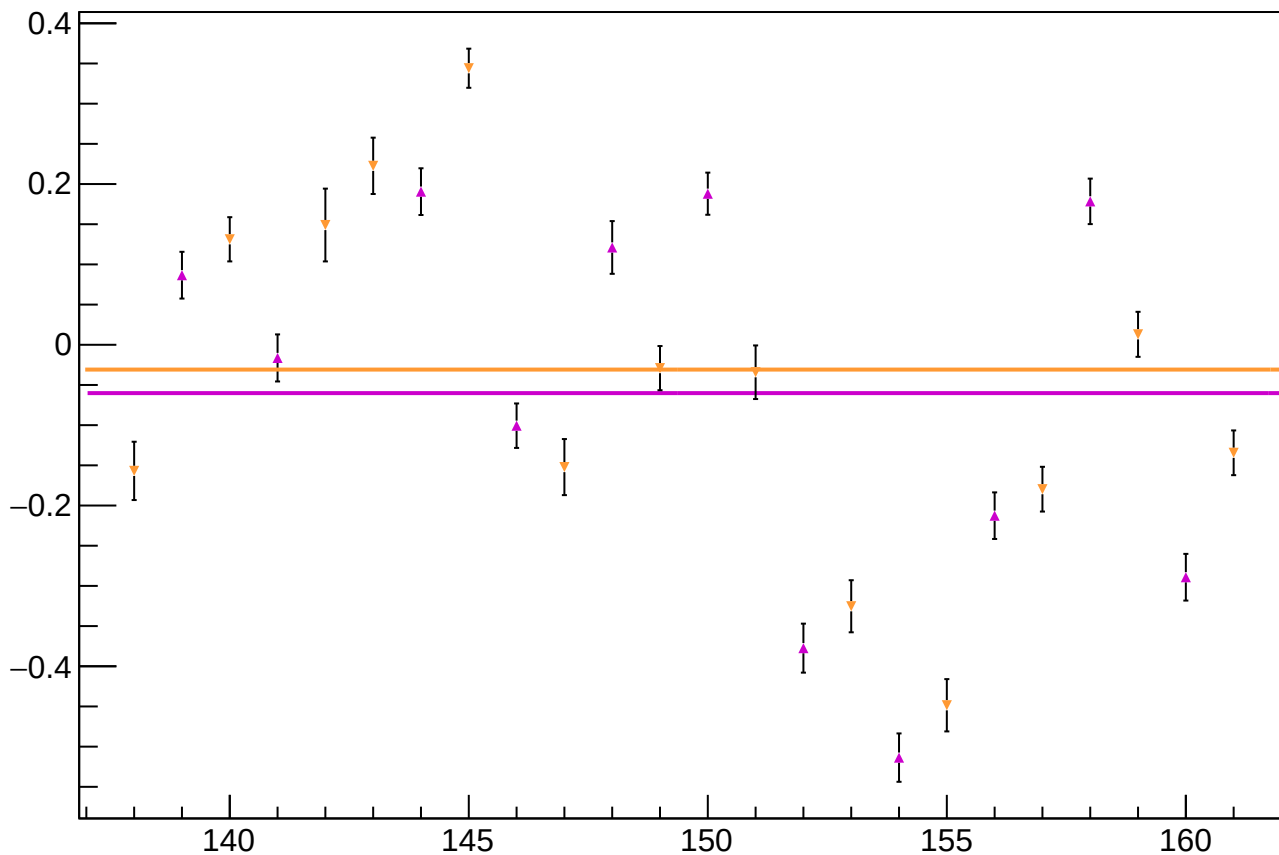
Left In: 85.112+/-0.185 χ^2/NDF :832.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.573+/-0.128 χ^2/NDF : 1866.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.031 $\pm$ 0.008 χ^2 /NDF: 656.5/12

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

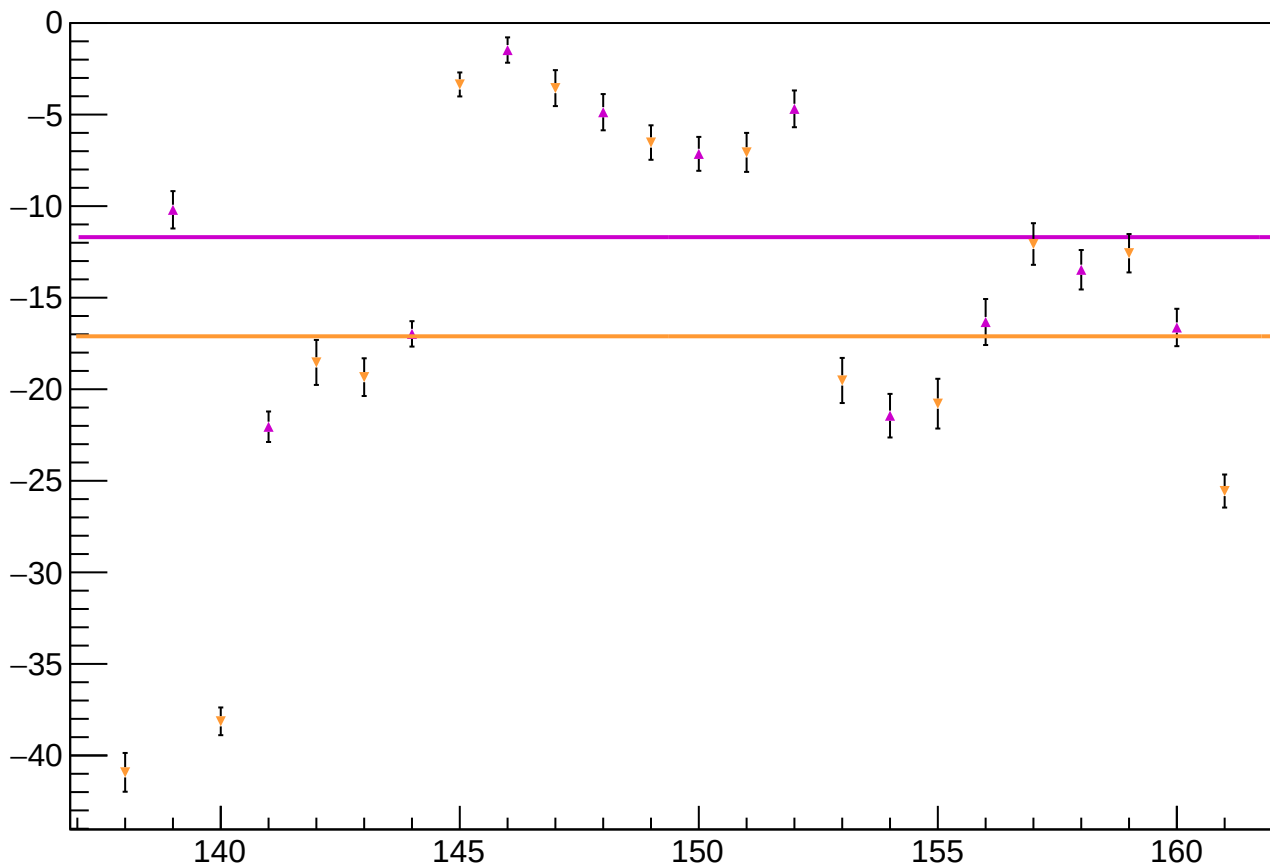
Left In: -0.060 $\pm$ 0.009 χ^2 /NDF: 720.8/10

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

All: -0.045 $\pm$ 0.006 χ^2 /NDF: 1383.1/23

- 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: -17.109 ± 0.270 χ^2/NDF : 2268.0/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

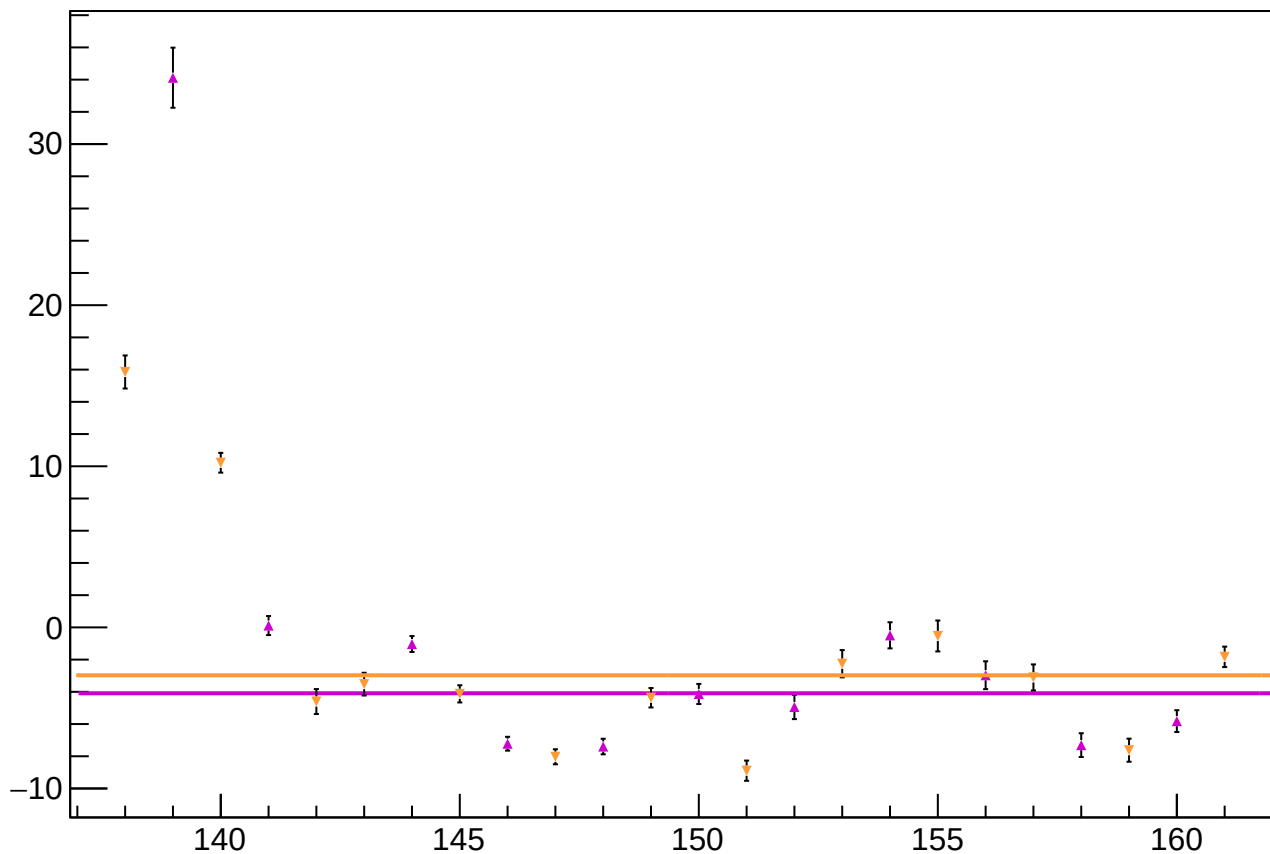
Left In: -11.694 ± 0.278 χ^2/NDF : 659.7/10

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.486 ± 0.194 χ^2/NDF : 3122.8/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

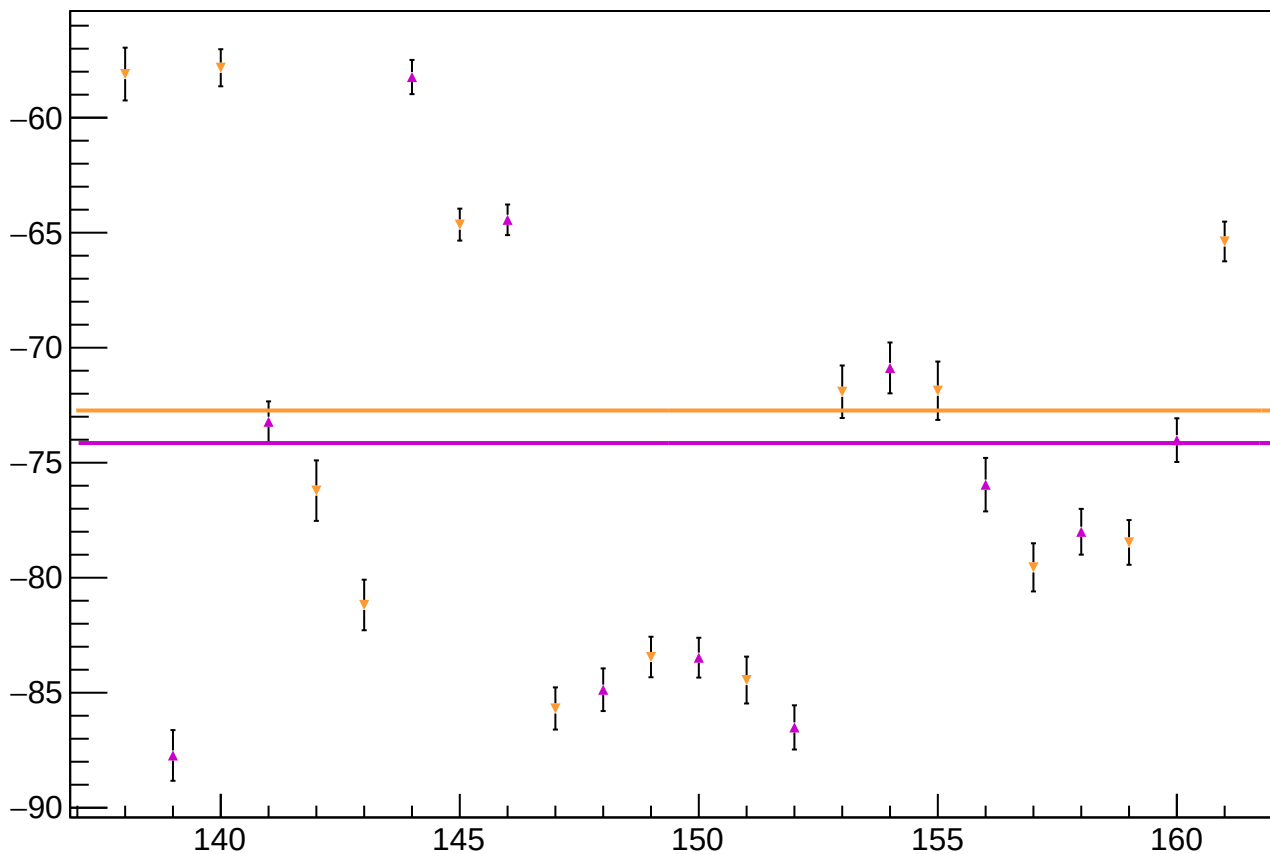
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.973 $\pm$ 0.185 χ^2 /NDF:1071.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.089 $\pm$ 0.188 χ^2 /NDF:656.9/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -3.522 $\pm$ 0.132 χ^2 /NDF: 1746.1/23
 - sign 0.000 $\pm$ 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: -72.729+/-0.268 χ^2/NDF :1336.9/12

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

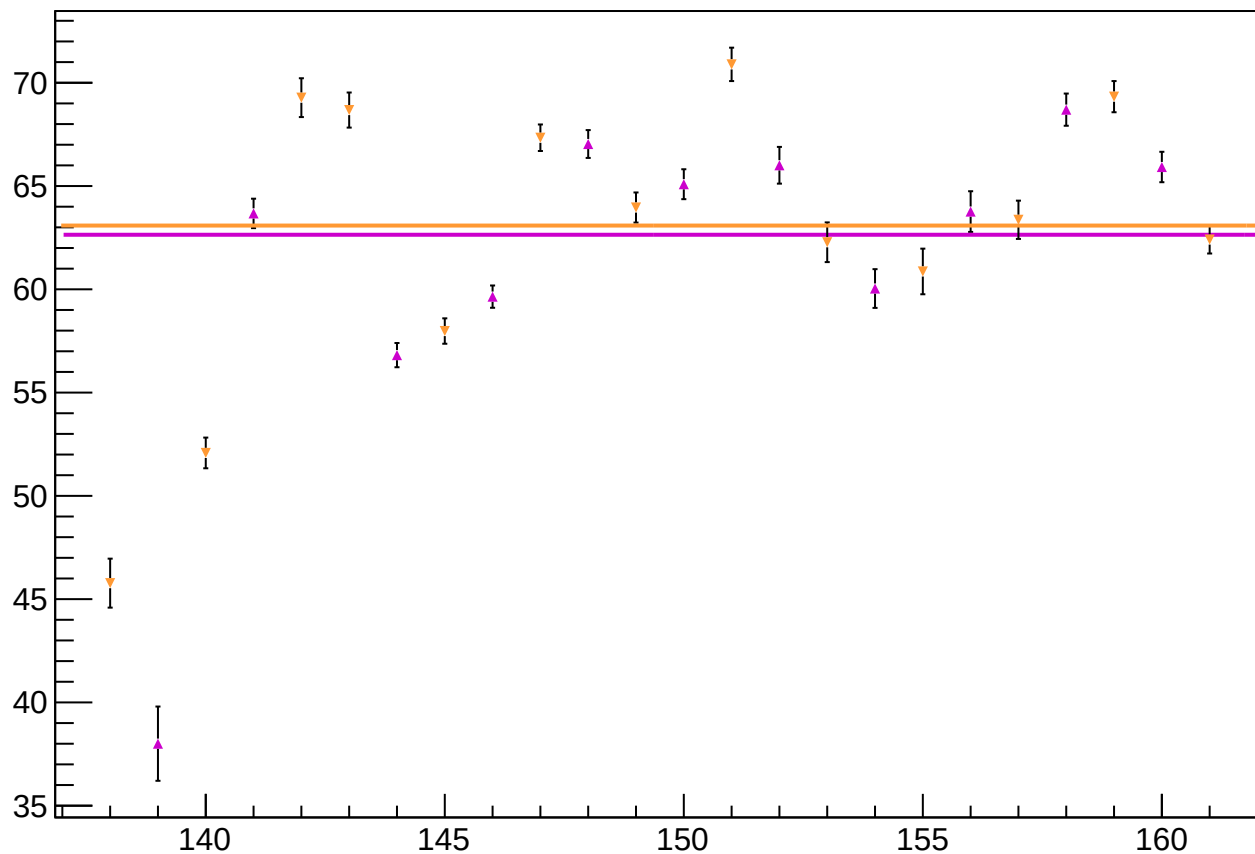
Left In: -74.145+/-0.273 χ^2/NDF :1265.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.424+/-0.191 χ^2/NDF : 2616.2/23

- 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: 63.087+/-0.221 χ^2/NDF :801.1/12

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

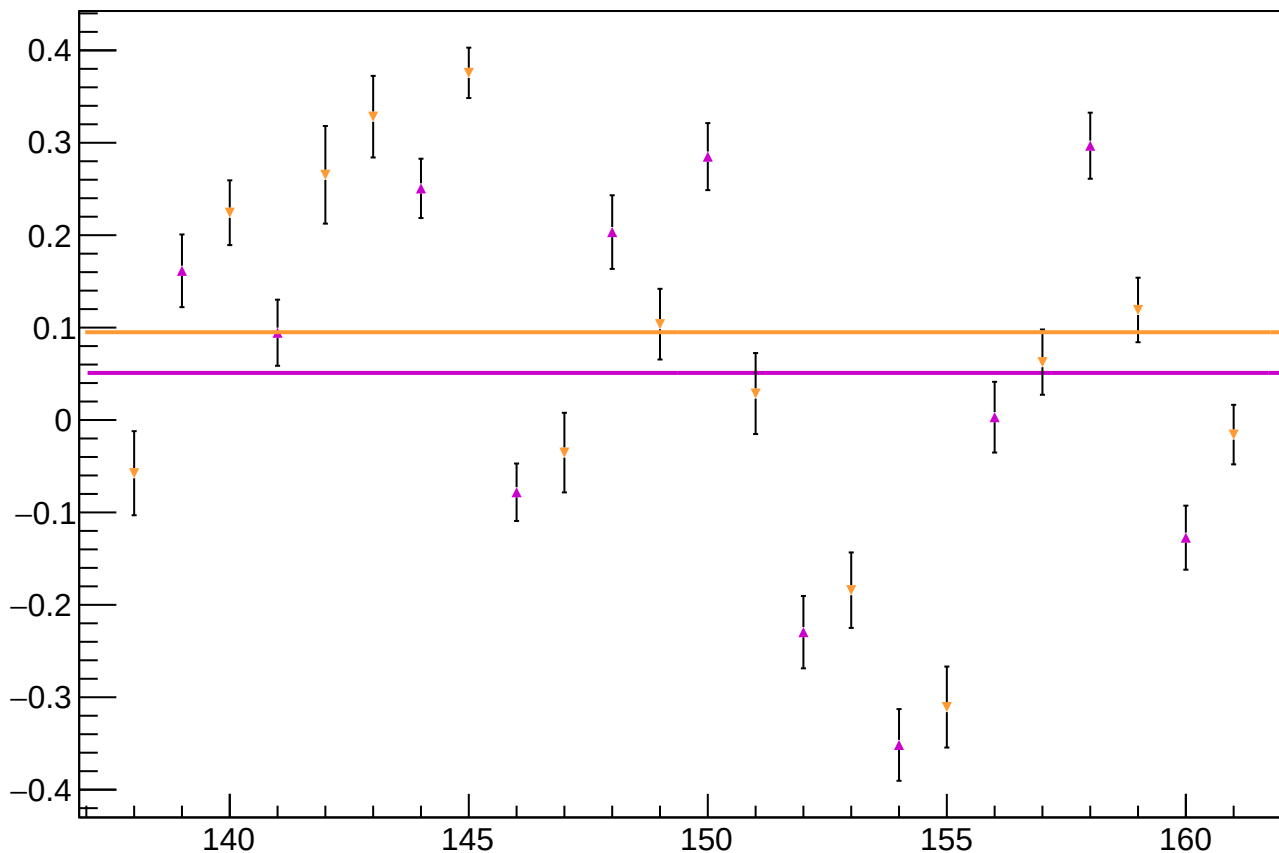
Left In: 62.641+/-0.226 χ^2/NDF :477.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.869+/-0.158 χ^2/NDF : 1280.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

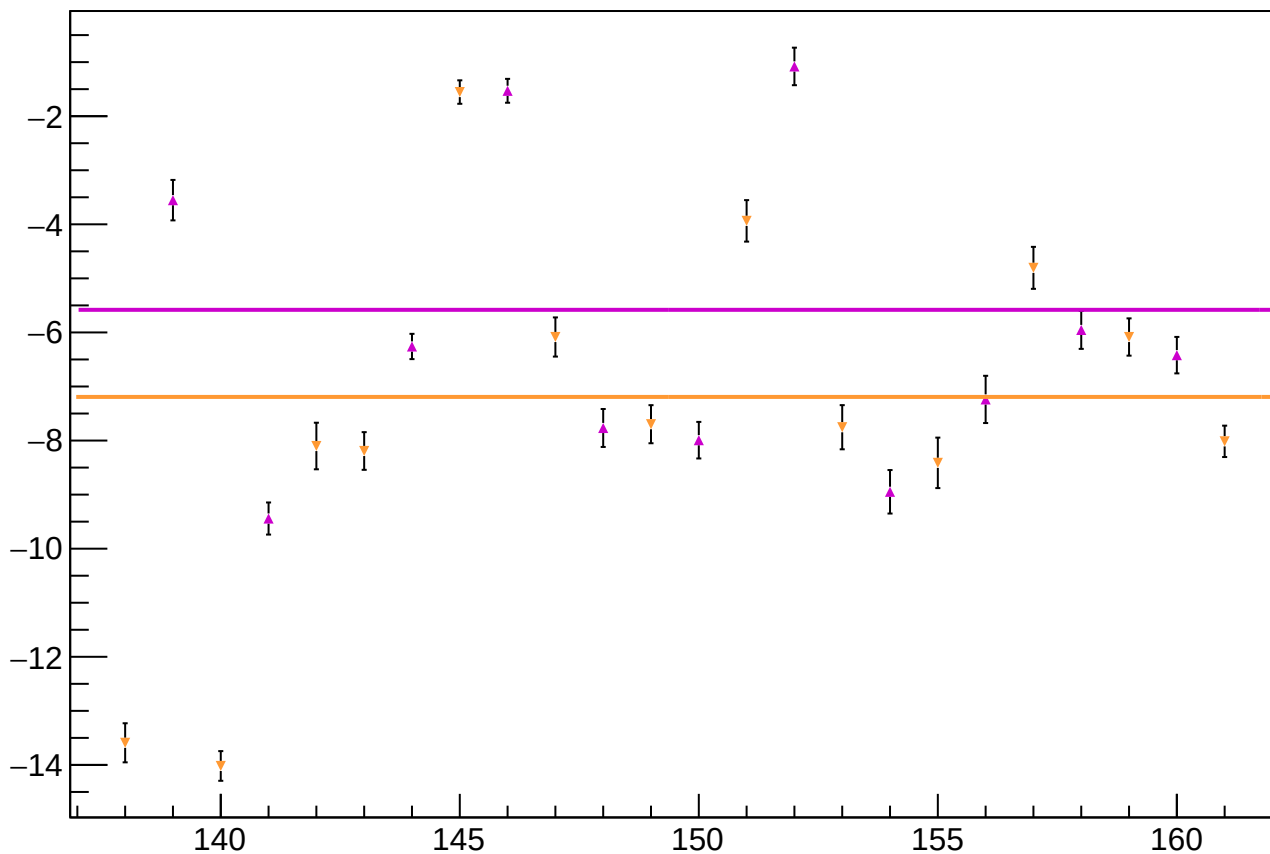
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.095 $\pm$ 0.011 χ^2 /NDF:326.2/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.051 $\pm$ 0.011 χ^2 /NDF:356.0/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.074 $\pm$ 0.008 χ^2 /NDF: 690.6/23
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

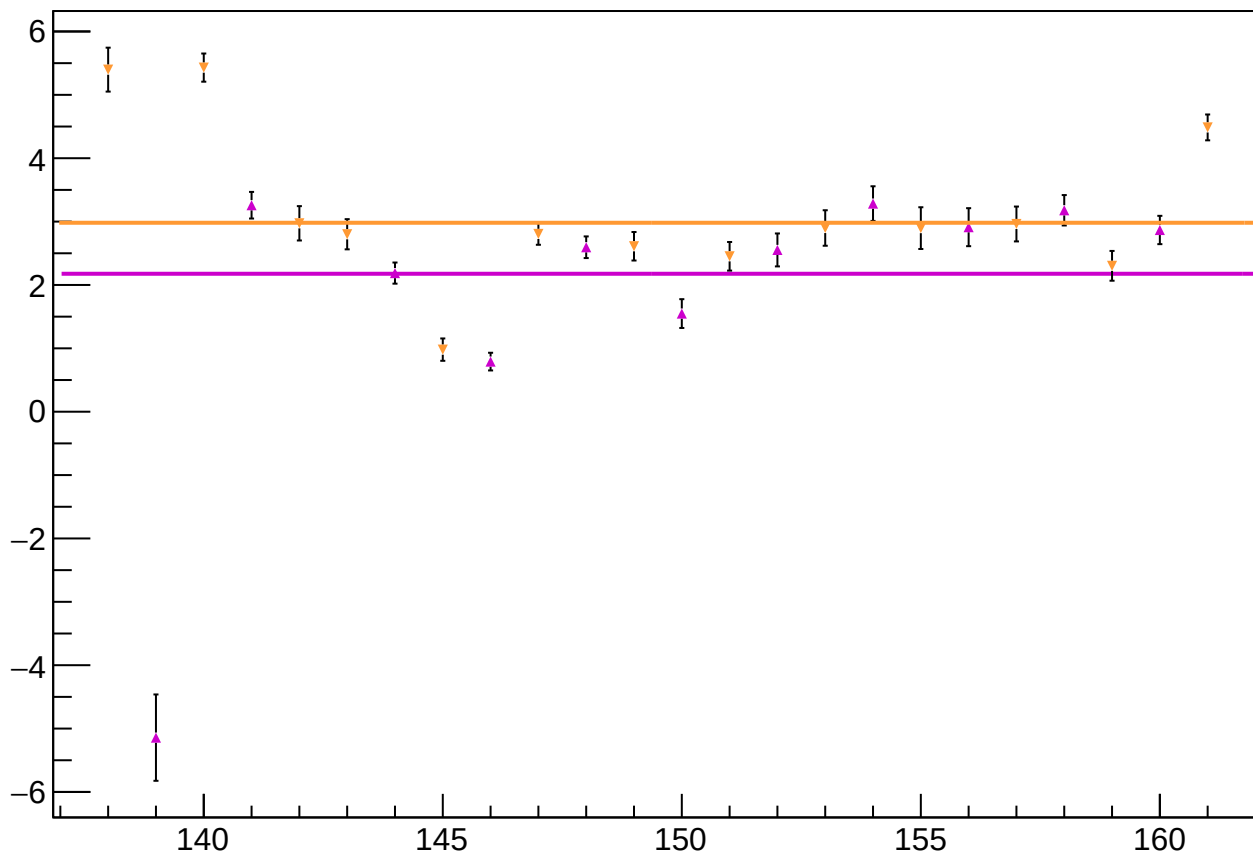
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.193 $\pm$ 0.093 χ^2 /NDF:1767.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.582 $\pm$ 0.095 χ^2 /NDF:892.9/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.405 $\pm$ 0.066 χ^2 /NDF: 2807.1/23
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

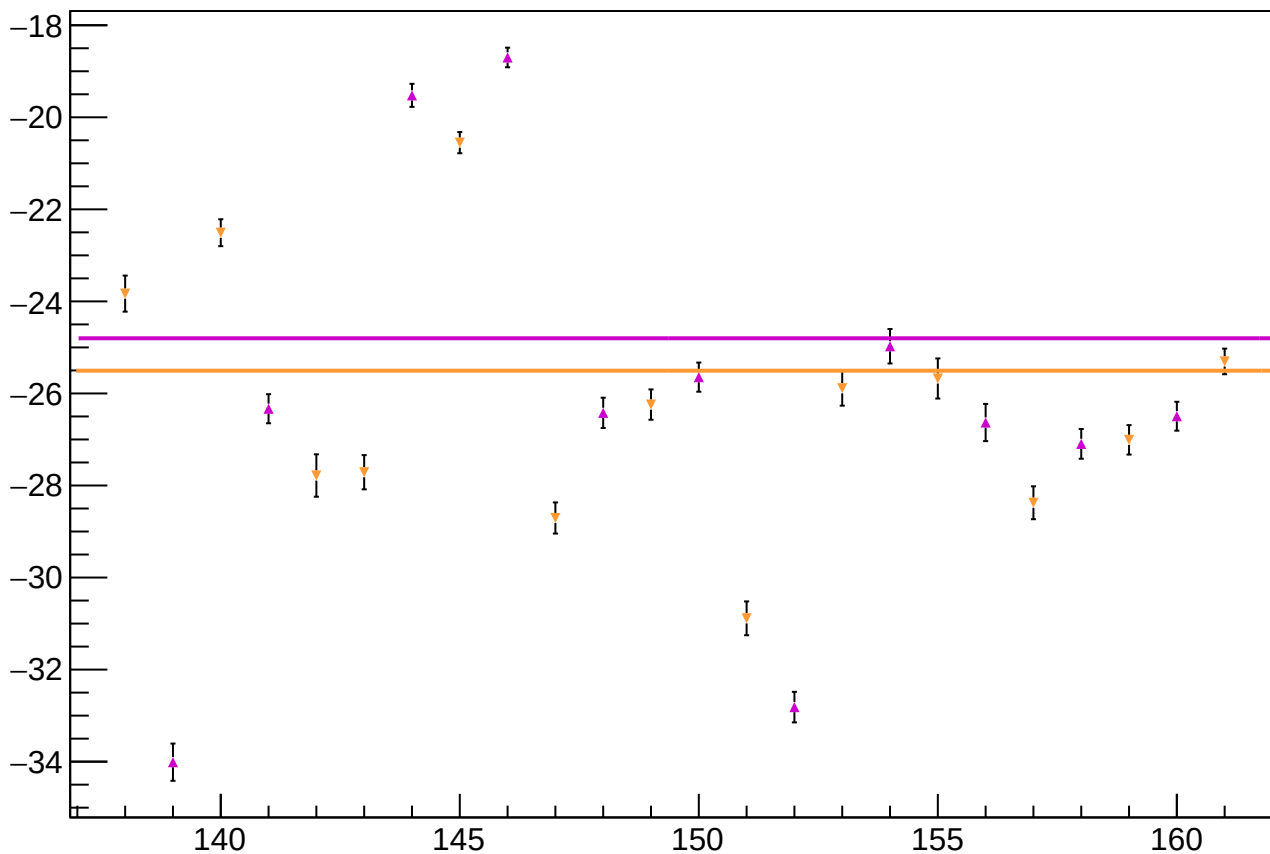
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.982+/-0.064 χ^2/NDF :371.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.177+/-0.064 χ^2/NDF :305.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.579+/-0.045 χ^2/NDF : 755.9/23
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -25.505+/-0.092 χ^2/NDF :1042.6/12

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

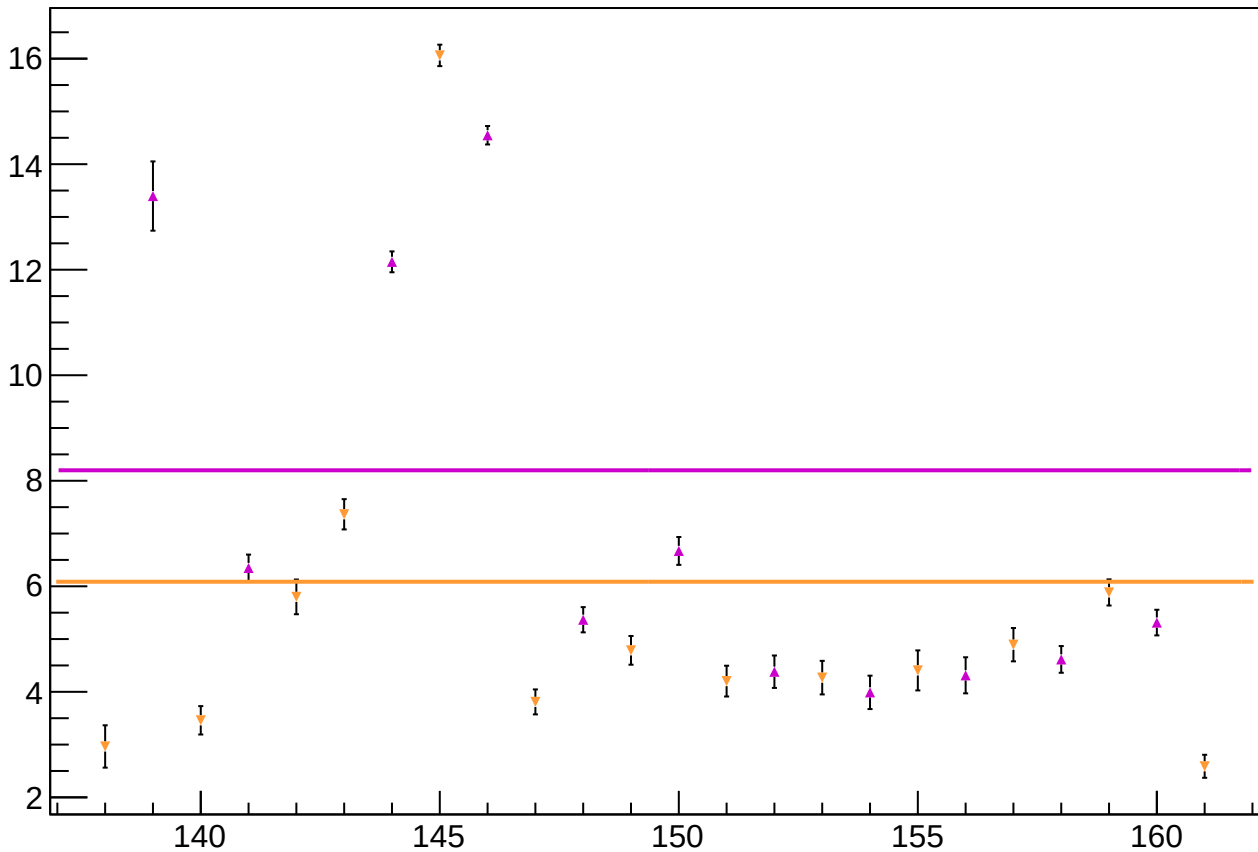
Left In: -24.802+/-0.093 χ^2/NDF :2523.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.156+/-0.066 χ^2/NDF : 3595.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

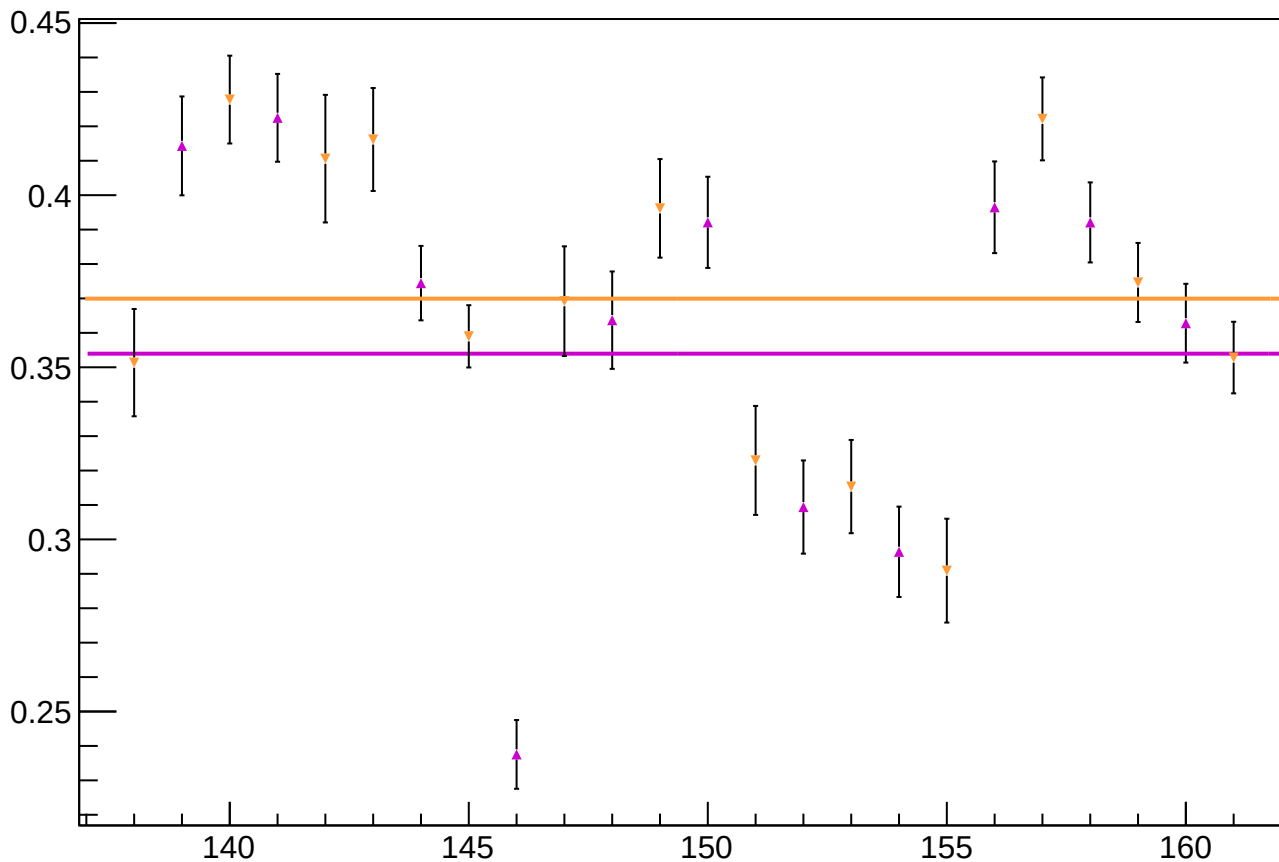
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.086 $\pm$ 0.076 χ^2 /NDF:3067.6/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.199 $\pm$ 0.077 χ^2 /NDF:2809.4/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 7.133 $\pm$ 0.054 χ^2 /NDF: 6259.1/23
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

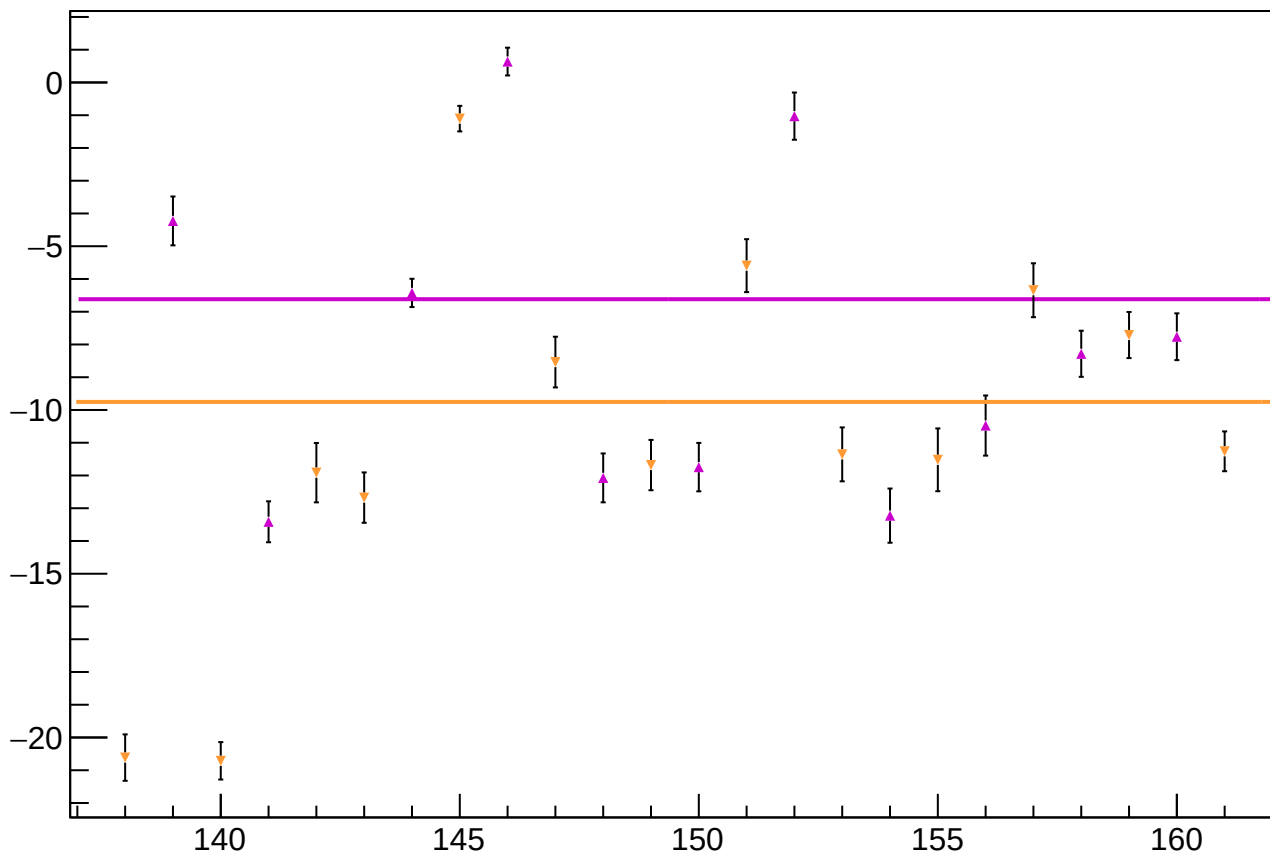
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.370 $\pm$ 0.004 χ^2 /NDF:115.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.354 $\pm$ 0.004 χ^2 /NDF:246.3/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.362 $\pm$ 0.003 χ^2 /NDF: 371.1/23
 - 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: -9.753 $\pm$ 0.188 χ^2 /NDF:1188.6/12

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

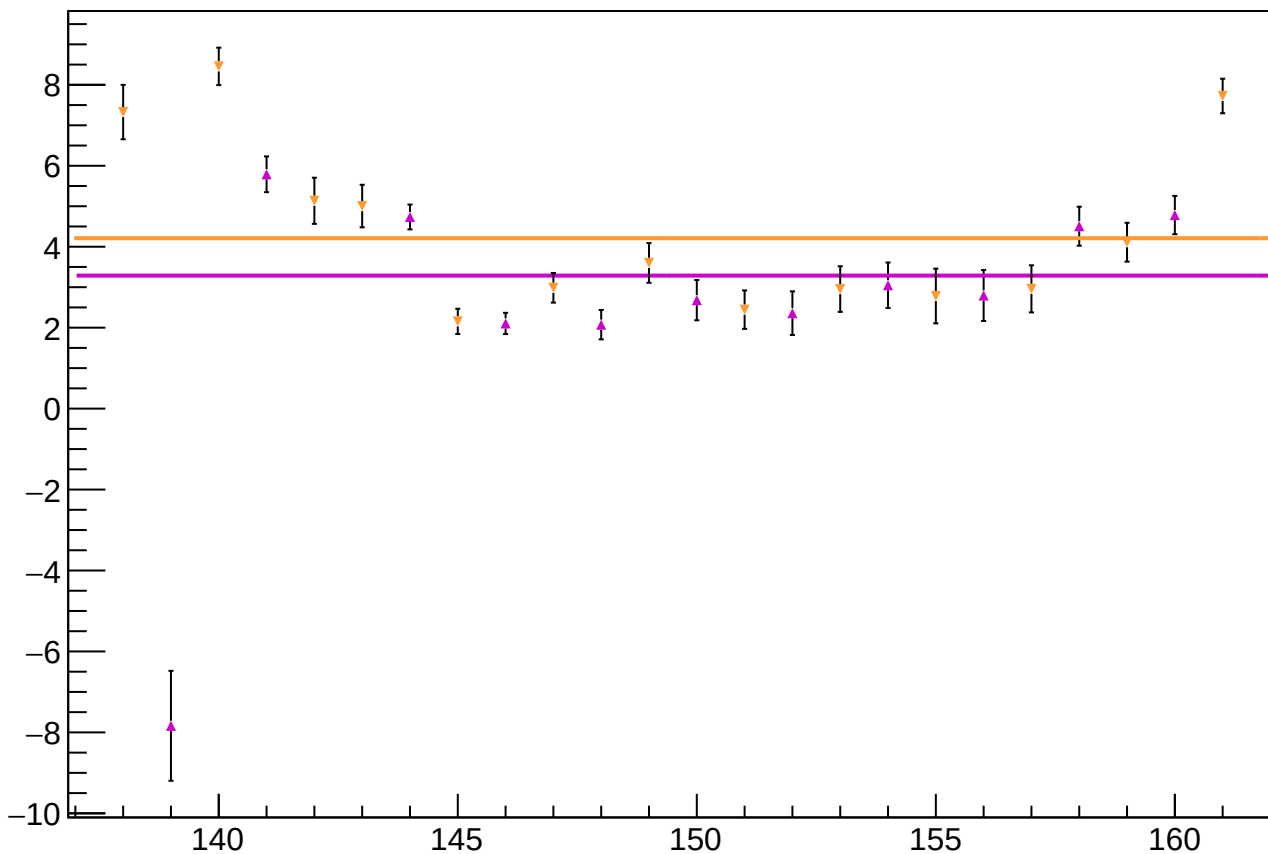
Left In: -6.618 $\pm$ 0.191 χ^2 /NDF:672.5/10

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

All: -8.206 $\pm$ 0.134 χ^2 /NDF: 1998.0/23

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

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 4.211 $\pm$ 0.131 χ^2 /NDF:262.7/12

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

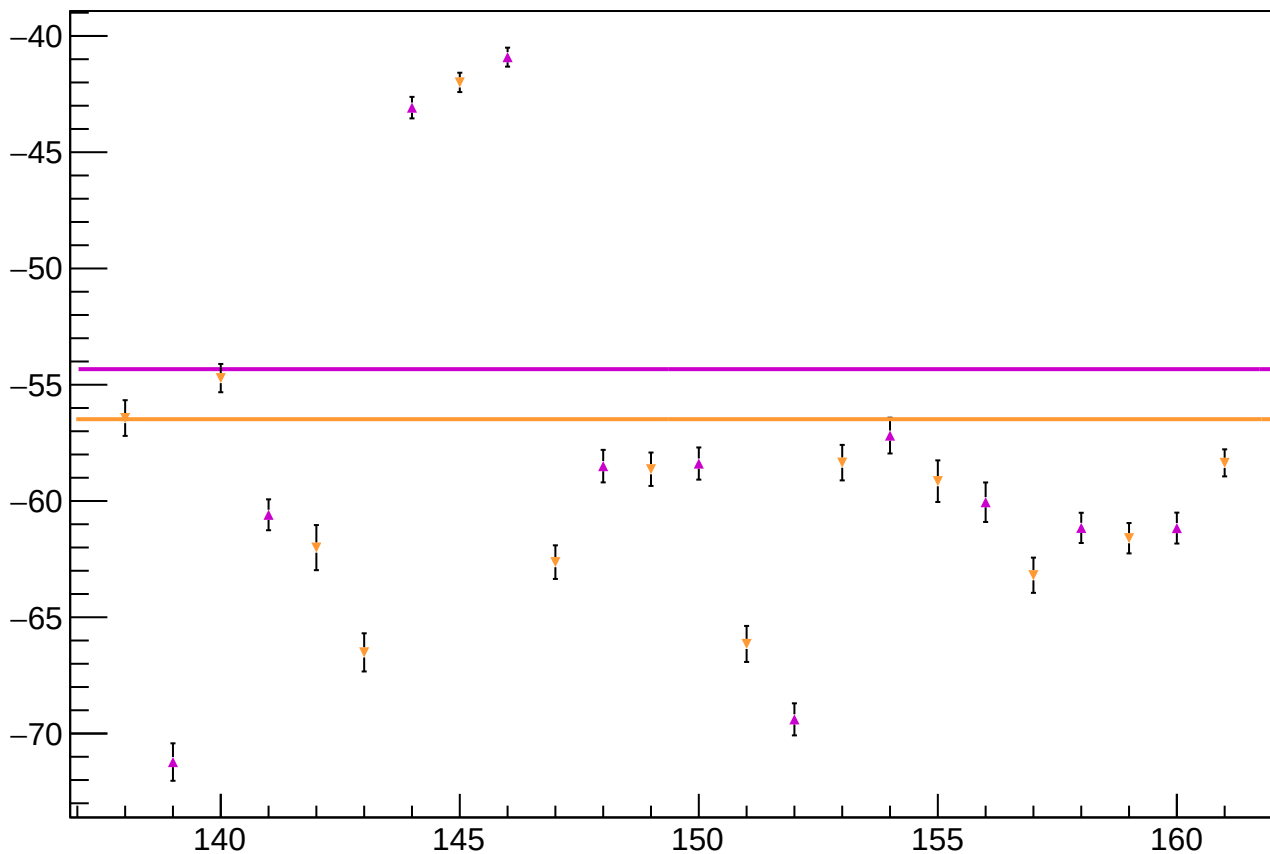
Left In: 3.287 $\pm$ 0.129 χ^2 /NDF:174.5/10

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

All: 3.740 $\pm$ 0.092 χ^2 /NDF: 462.5/23

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

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -56.481+/-0.188 χ^2/NDF : 1805.2/12

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

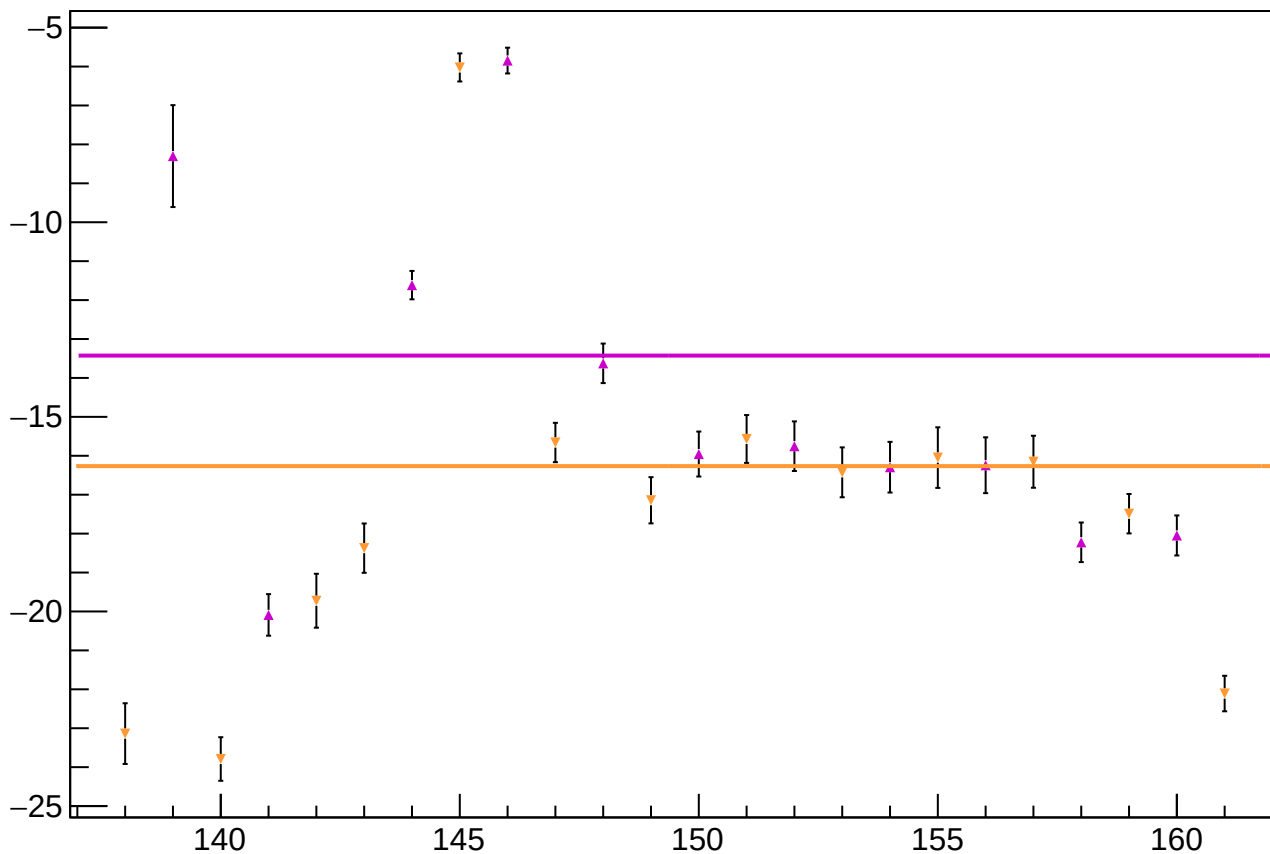
Left In: -54.330+/-0.188 χ^2/NDF : 3024.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.402+/-0.133 χ^2/NDF : 4895.7/23

- 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: -16.265 $\pm$ 0.155 χ^2 /NDF:1274.9/12

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

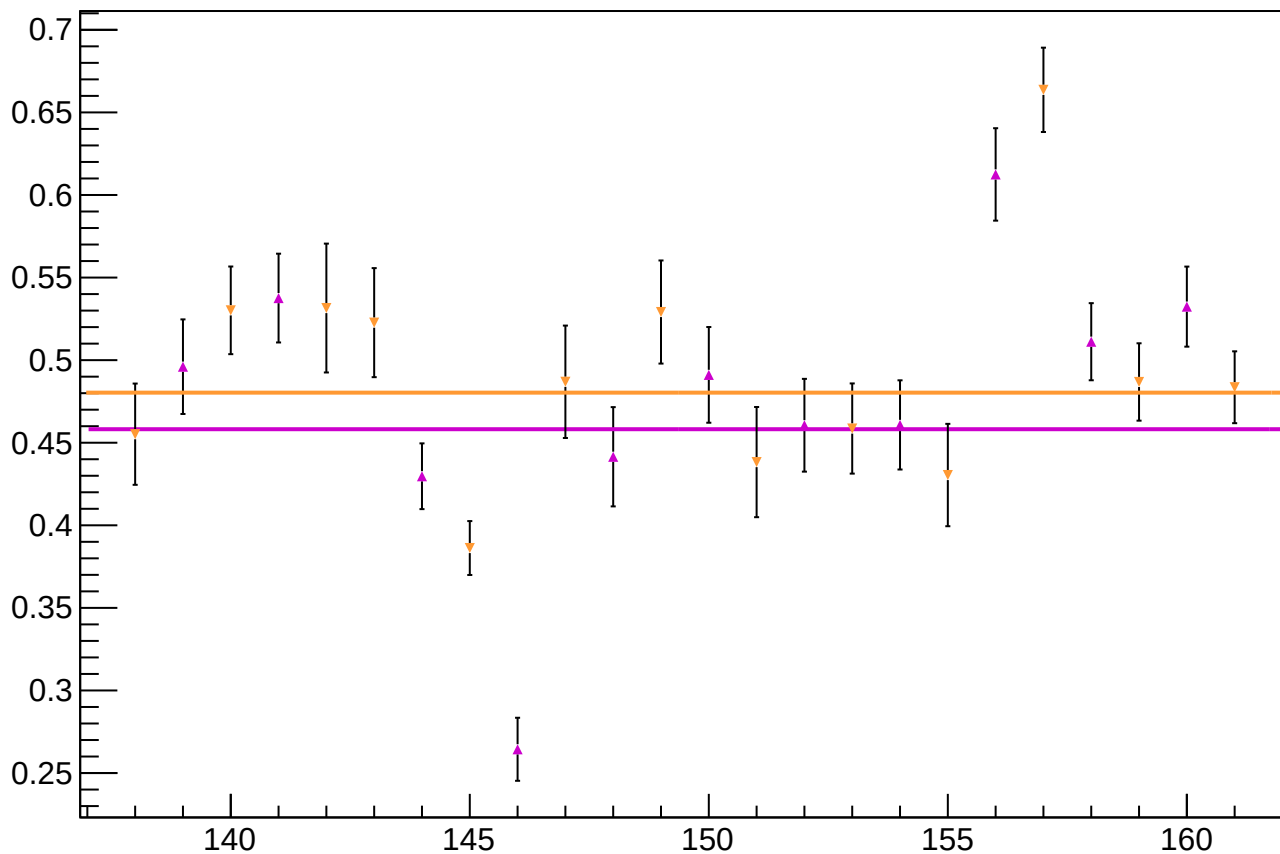
Left In: -13.426 $\pm$ 0.154 χ^2 /NDF:956.9/10

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

All: -14.837 $\pm$ 0.109 χ^2 /NDF: 2400.2/23

- 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: 0.480 $\pm$ 0.007 χ^2 /NDF: 99.8/12

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

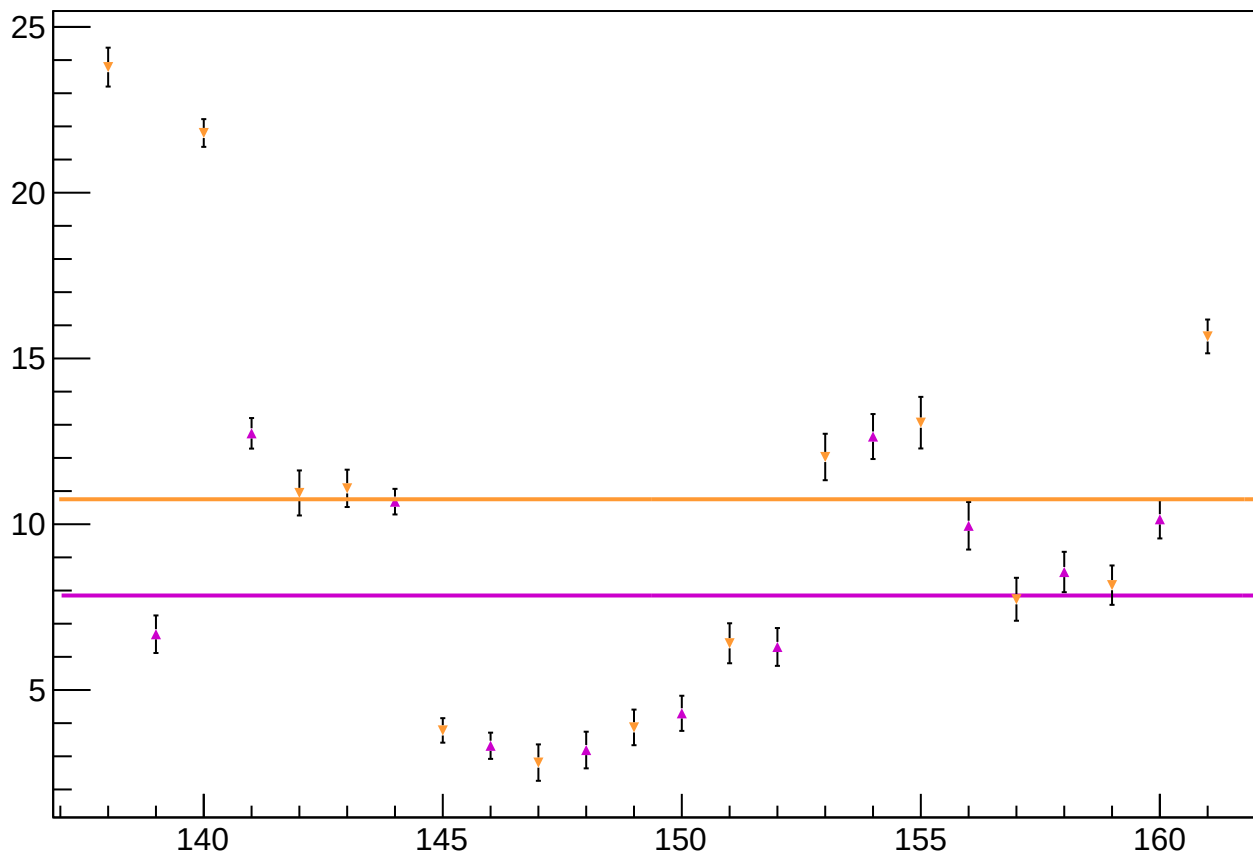
Left In: 0.458 $\pm$ 0.008 χ^2 /NDF: 162.2/10

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

All: 0.470 $\pm$ 0.005 χ^2 /NDF: 266.4/23

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.753+/-0.151 χ^2/NDF : 2119.0/12

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

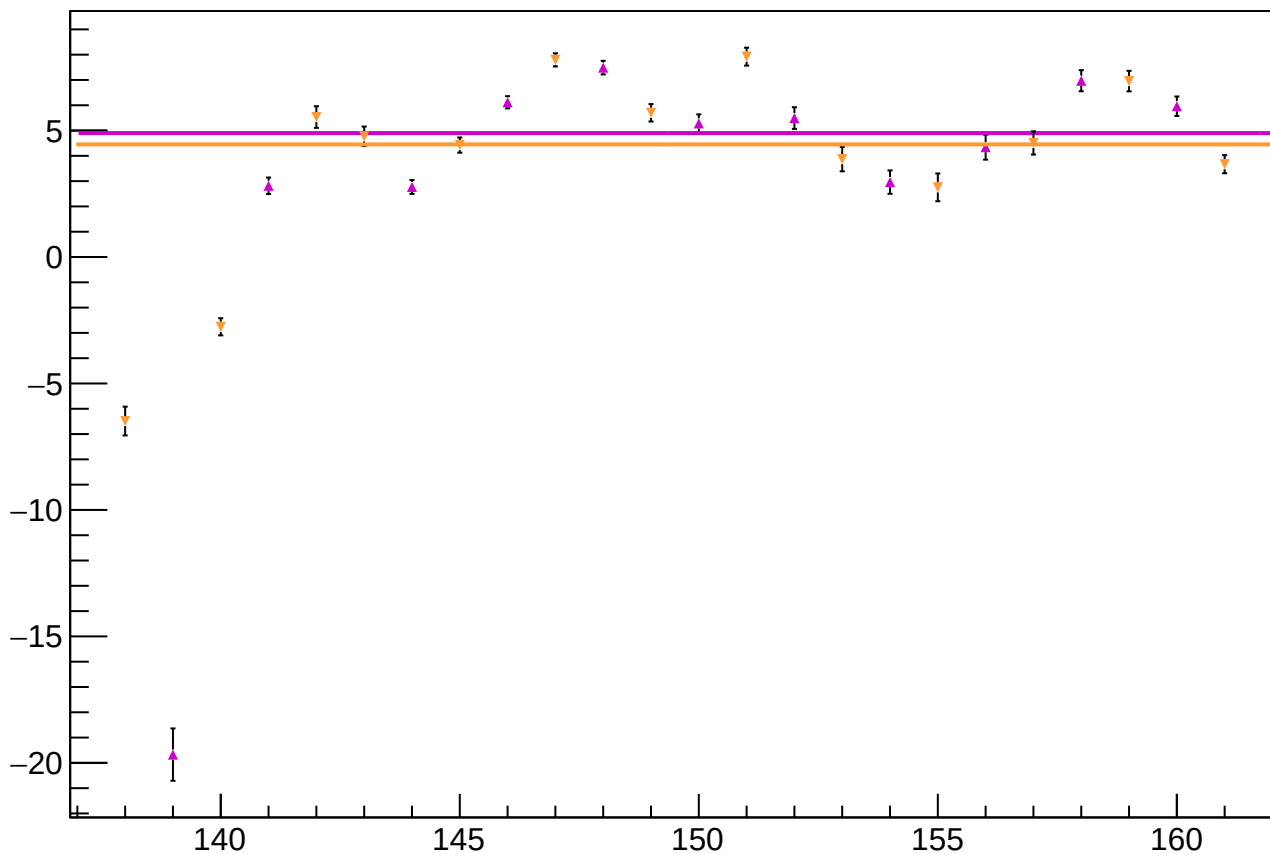
Left In: 7.850+/-0.157 χ^2/NDF : 500.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.353+/-0.109 χ^2/NDF : 2797.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 4.452 $\pm$ 0.104 χ^2 /NDF:1154.4/12

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

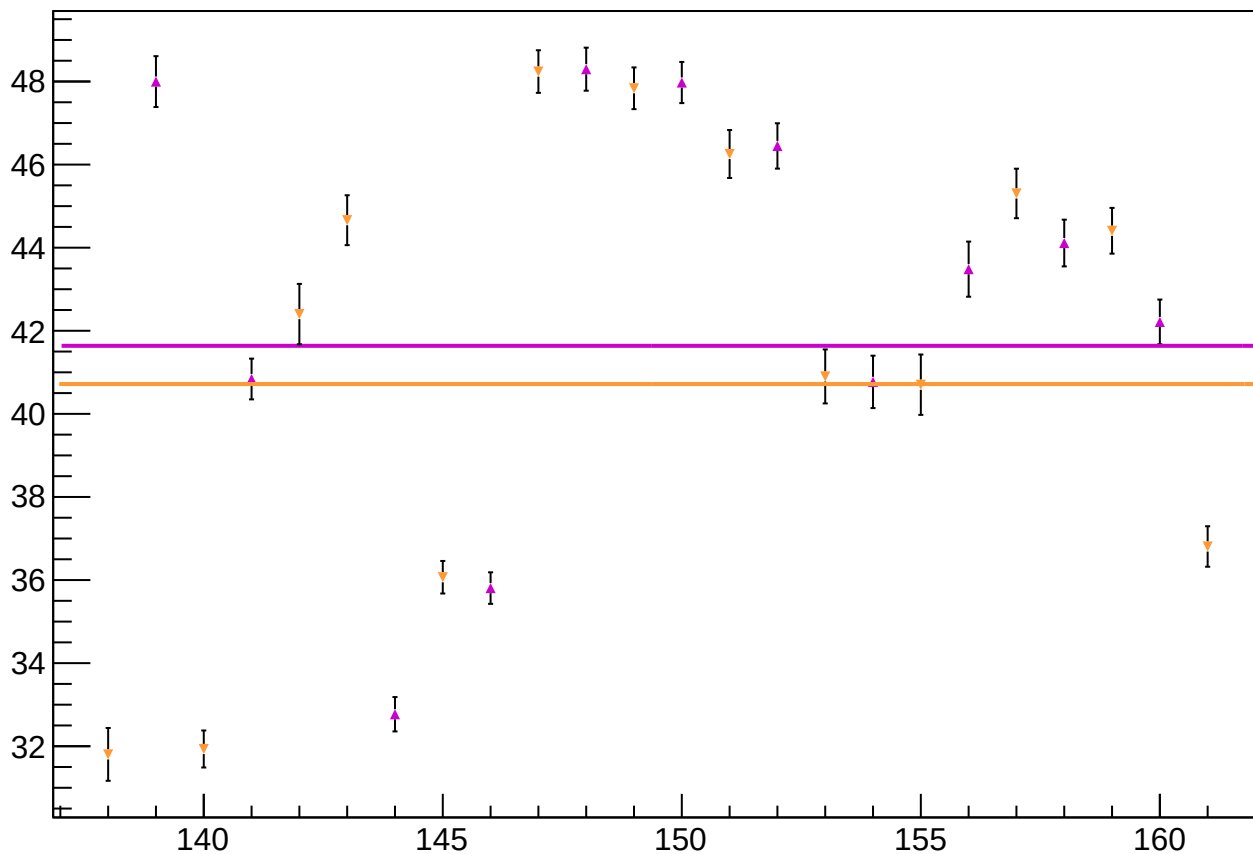
Left In: 4.900 $\pm$ 0.106 χ^2 /NDF:835.8/10

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

All: 4.672 $\pm$ 0.074 χ^2 /NDF: 1999.2/23

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

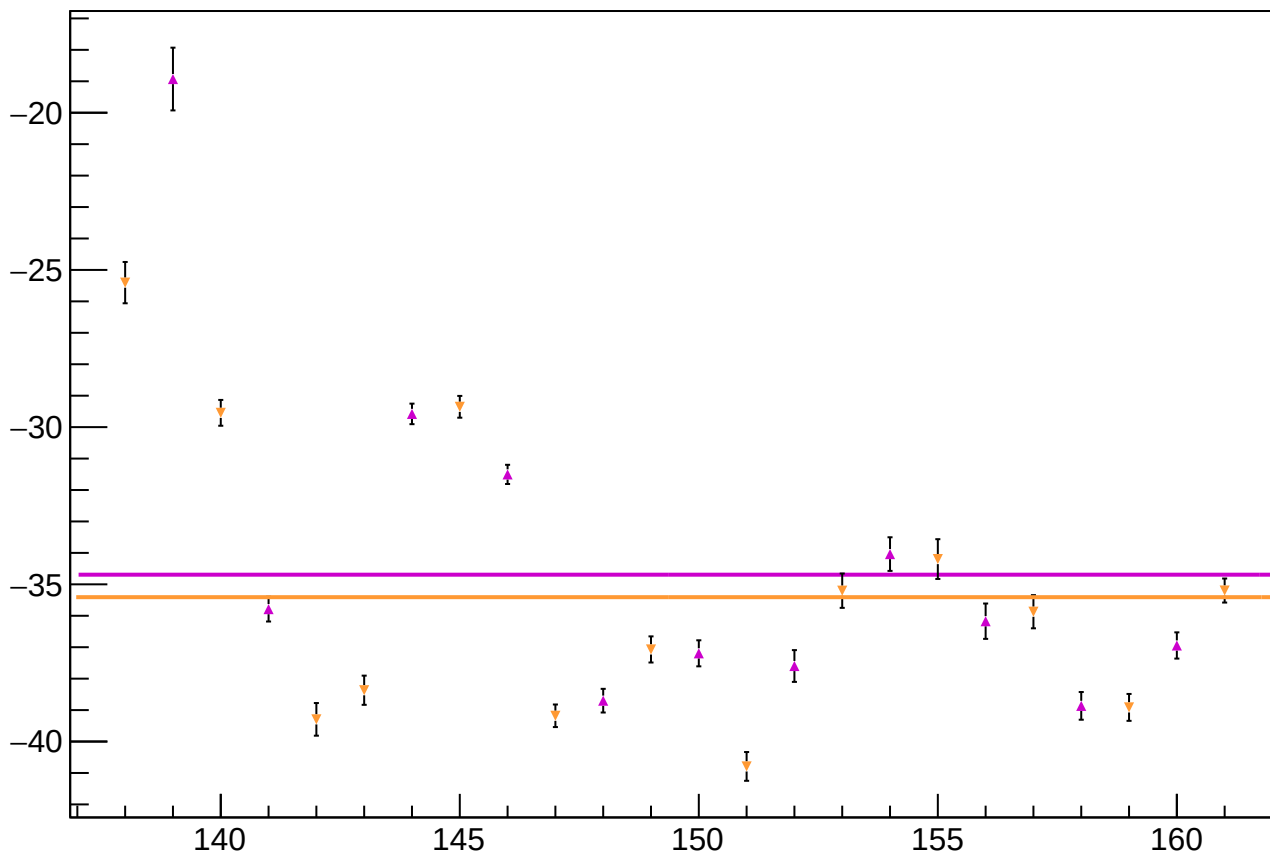
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.718+/-0.151 χ^2/NDF :1451.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.638+/-0.154 χ^2/NDF :1242.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 41.168+/-0.108 χ^2/NDF : 2712.5/23
 - 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: -35.409+/-0.124 χ^2/NDF : 1174.7/12

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

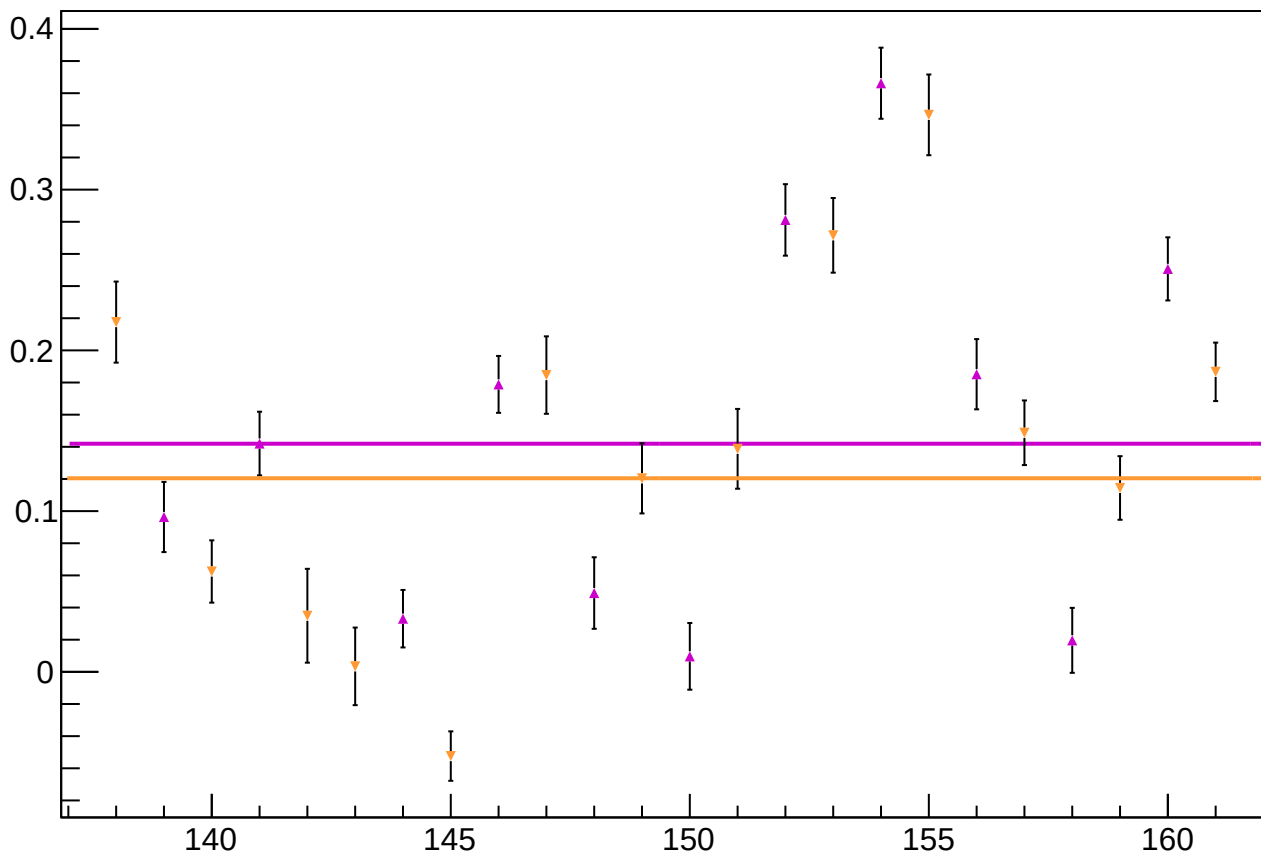
Left In: -34.693+/-0.127 χ^2/NDF : 922.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.060+/-0.089 χ^2/NDF : 2113.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

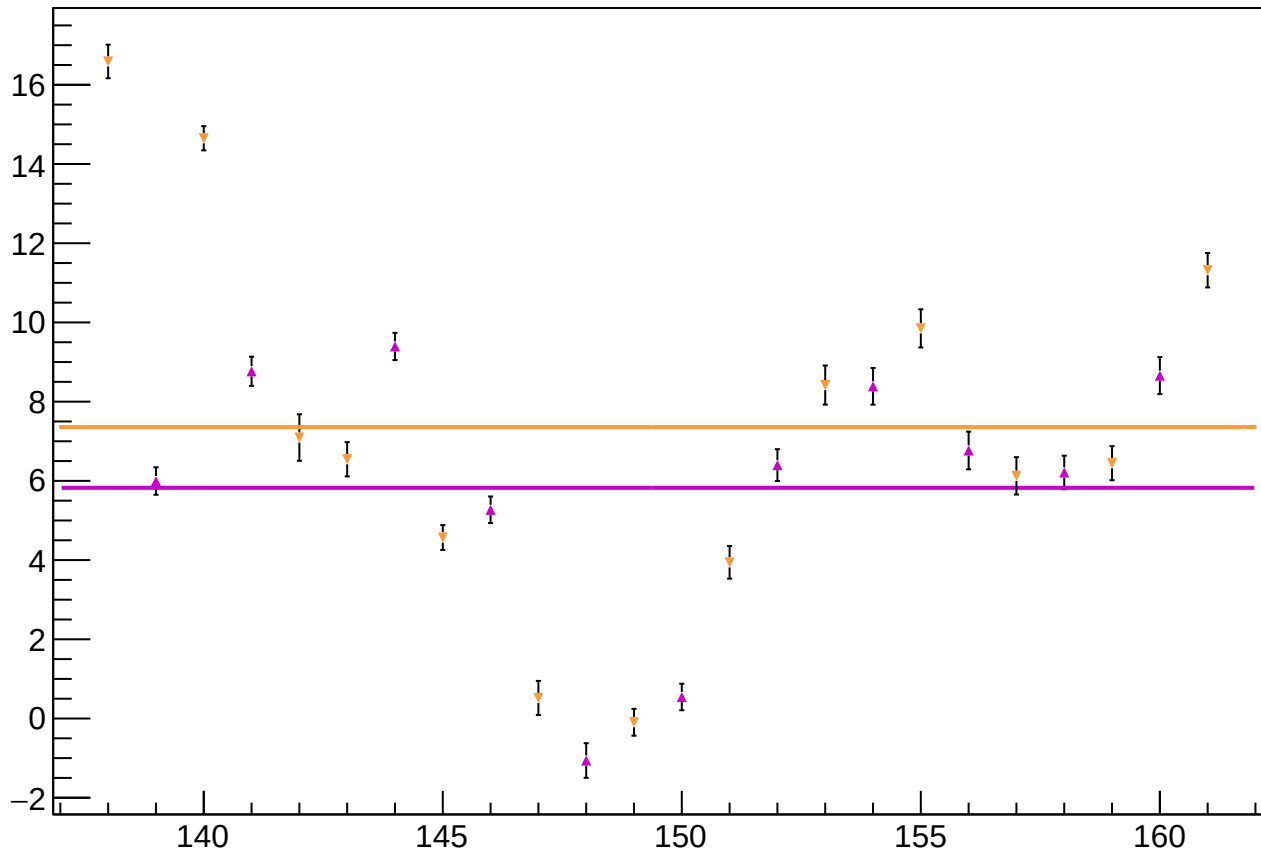
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.120 $\pm$ 0.006 χ^2 /NDF:328.5/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.142 $\pm$ 0.006 χ^2 /NDF:317.1/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.131 $\pm$ 0.004 χ^2 /NDF: 652.0/23
 - 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: 7.359+/-0.113 χ^2/NDF : 2057.6/12

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

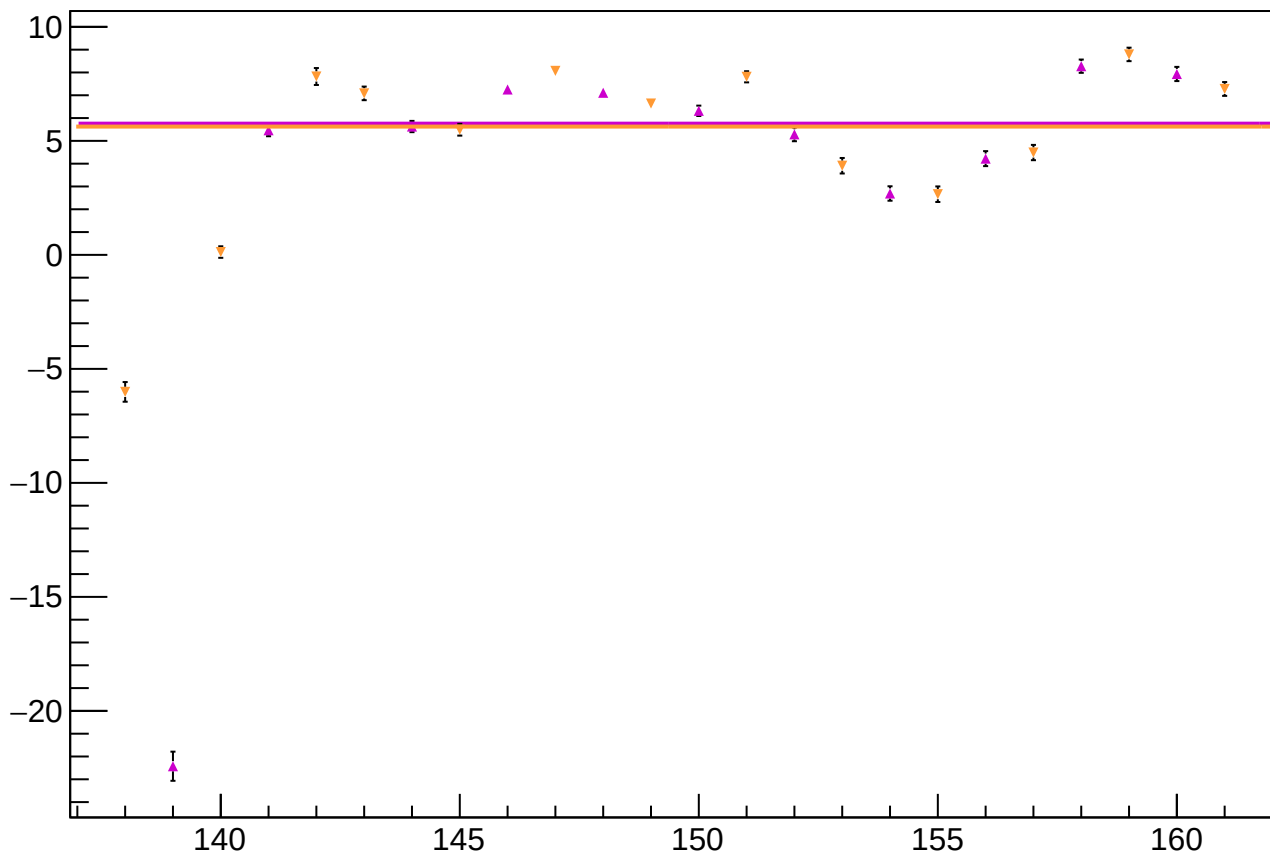
Left In: 5.825+/-0.117 χ^2/NDF : 745.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.621+/-0.081 χ^2/NDF : 2891.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 5.627+/-0.078 χ^2/NDF :1757.5/12

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

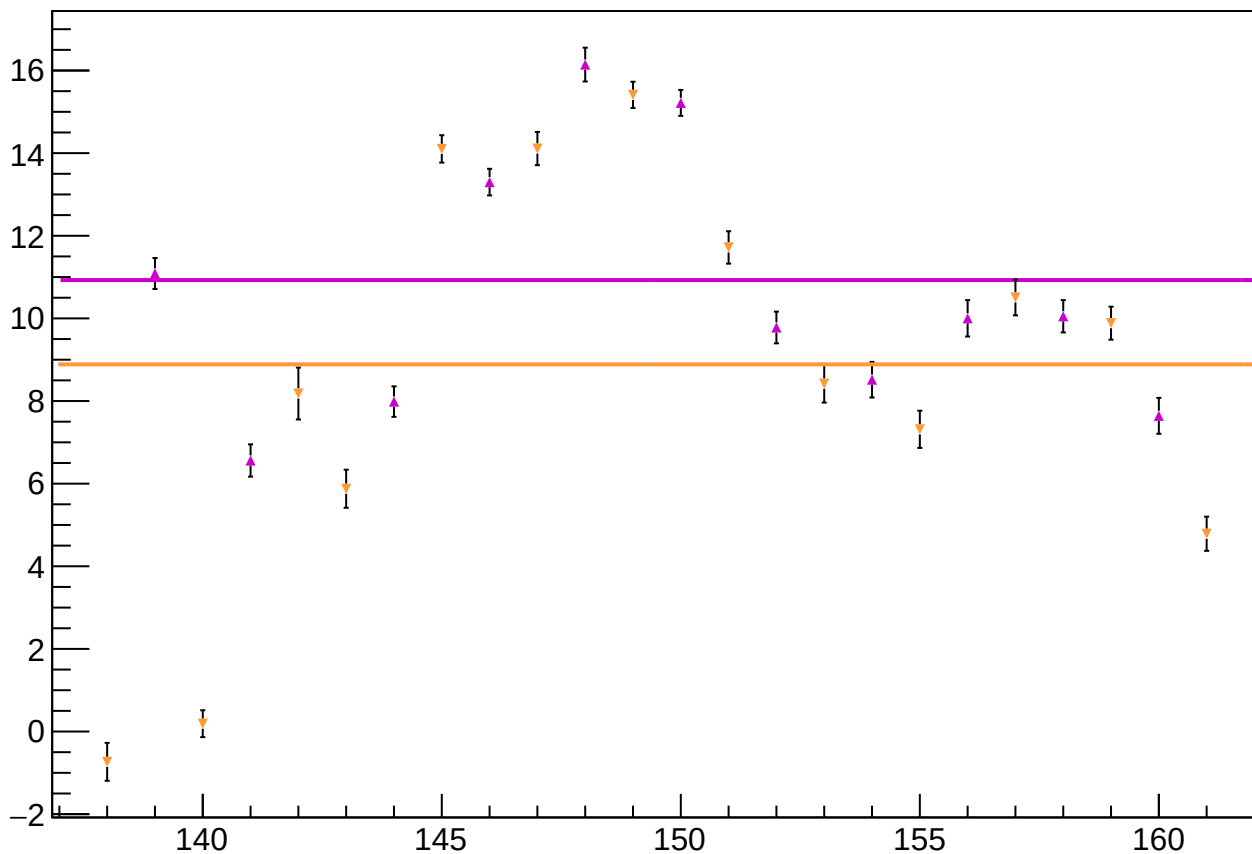
Left In: 5.755+/-0.082 χ^2/NDF :2283.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.687+/-0.057 χ^2/NDF : 4042.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

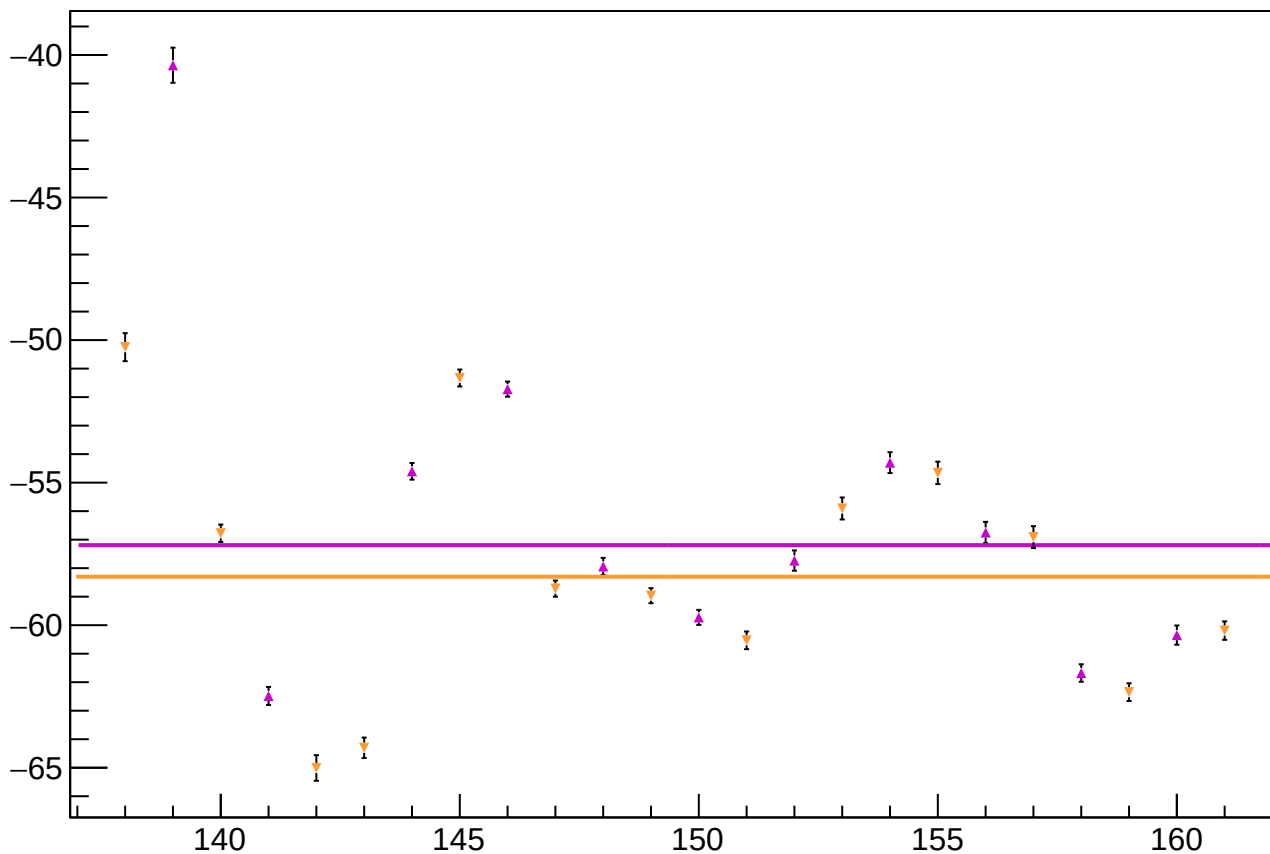
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.888+/-0.112 χ^2/NDF : 2219.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.928+/-0.115 χ^2/NDF : 698.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 9.879+/-0.080 χ^2/NDF : 3081.2/23
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -58.300+/-0.093 χ^2/NDF :1748.6/12

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

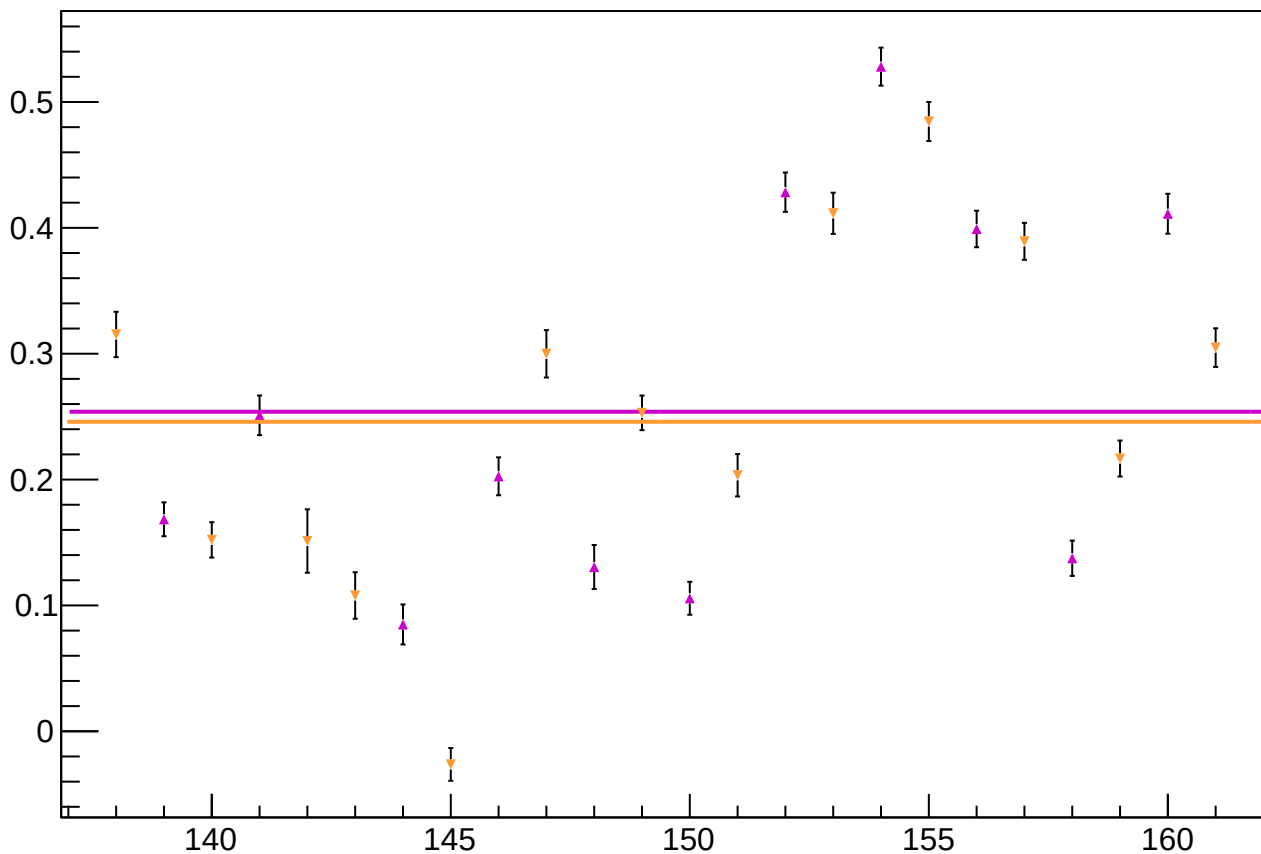
Left In: -57.193+/-0.097 χ^2/NDF :1997.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.771+/-0.067 χ^2/NDF : 3813.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

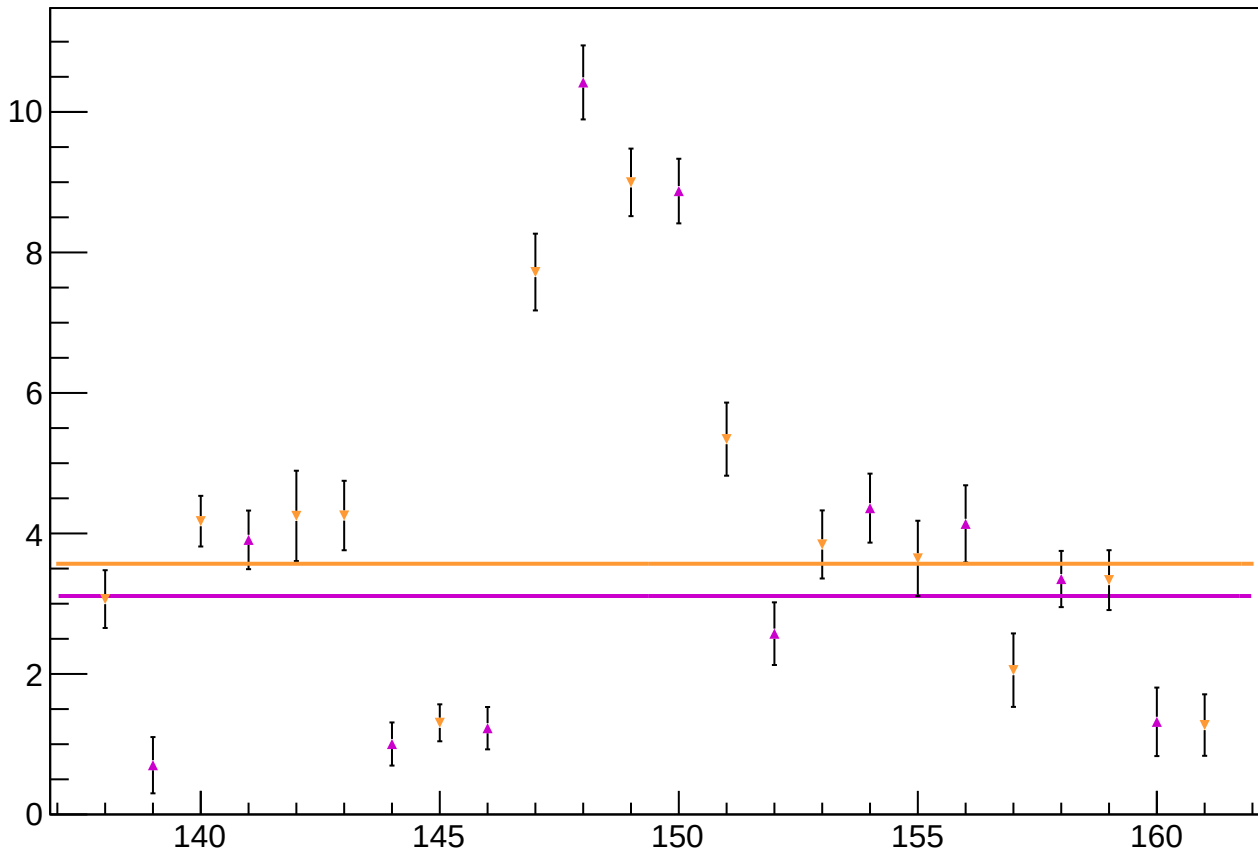
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.246 $\pm$ 0.004 χ^2 /NDF:1035.0/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.254 $\pm$ 0.005 χ^2 /NDF:1064.7/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.250 $\pm$ 0.003 χ^2 /NDF: 2101.4/23
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

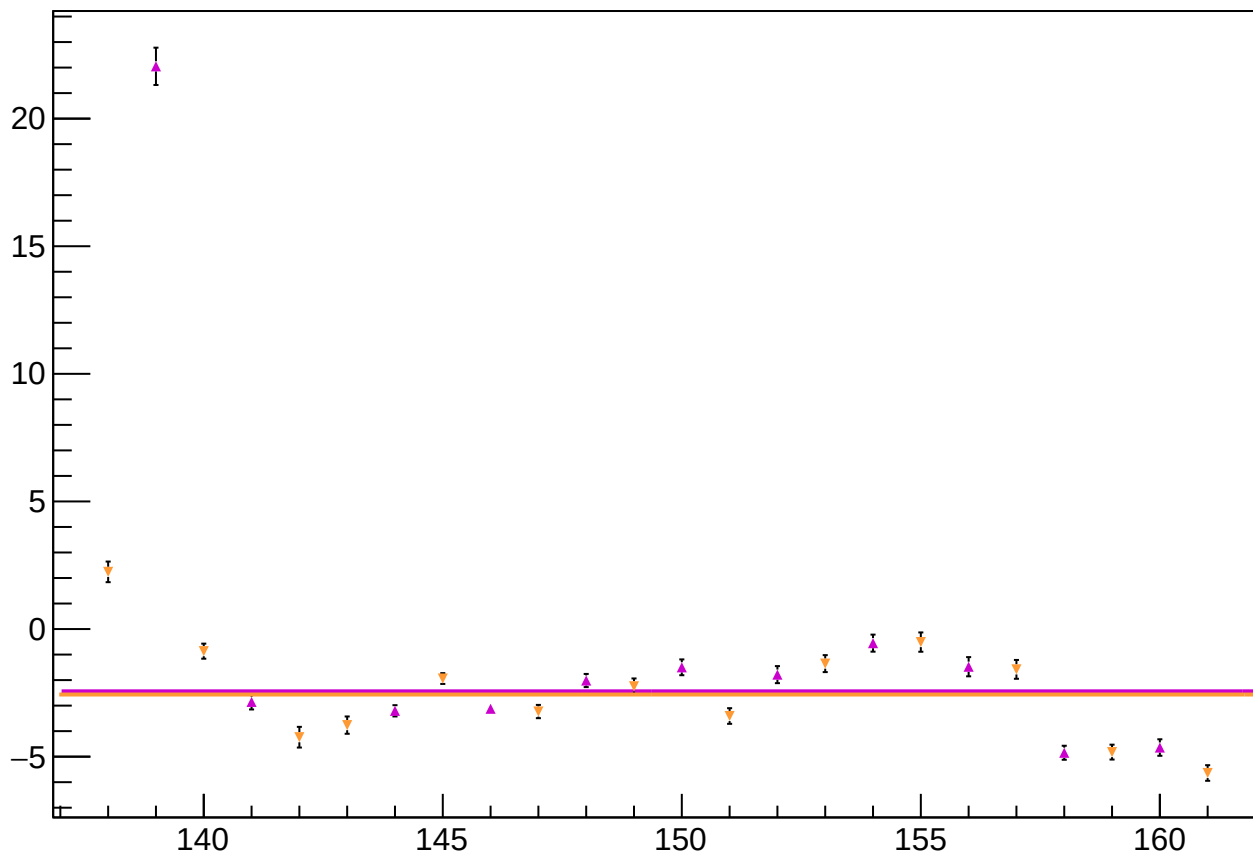
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.569 $\pm$ 0.121 χ^2 /NDF:315.0/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.110 $\pm$ 0.124 χ^2 /NDF:500.9/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.345 $\pm$ 0.087 χ^2 /NDF: 822.9/23
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

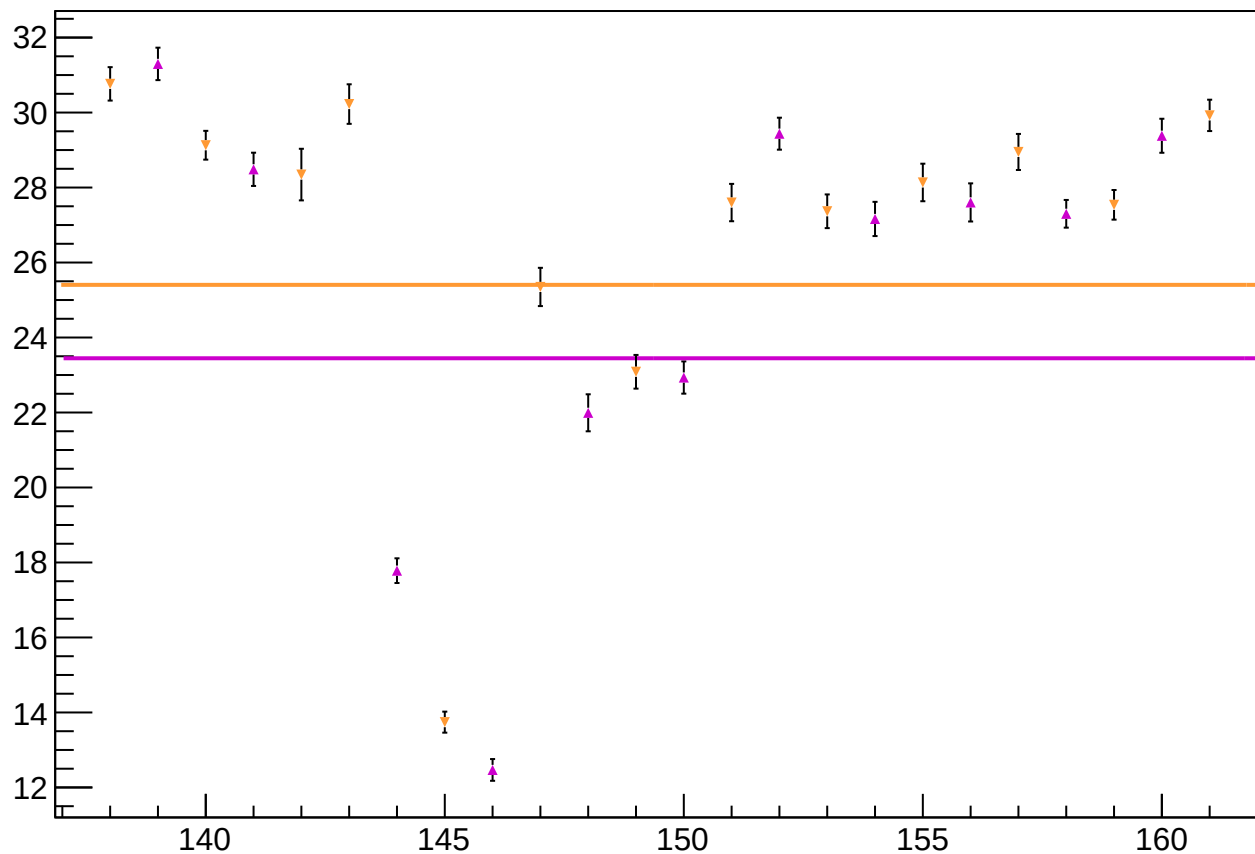
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.565+/-0.086 χ^2/NDF : 438.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.440+/-0.086 χ^2/NDF : 1326.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.503+/-0.061 χ^2/NDF : 1766.1/23
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

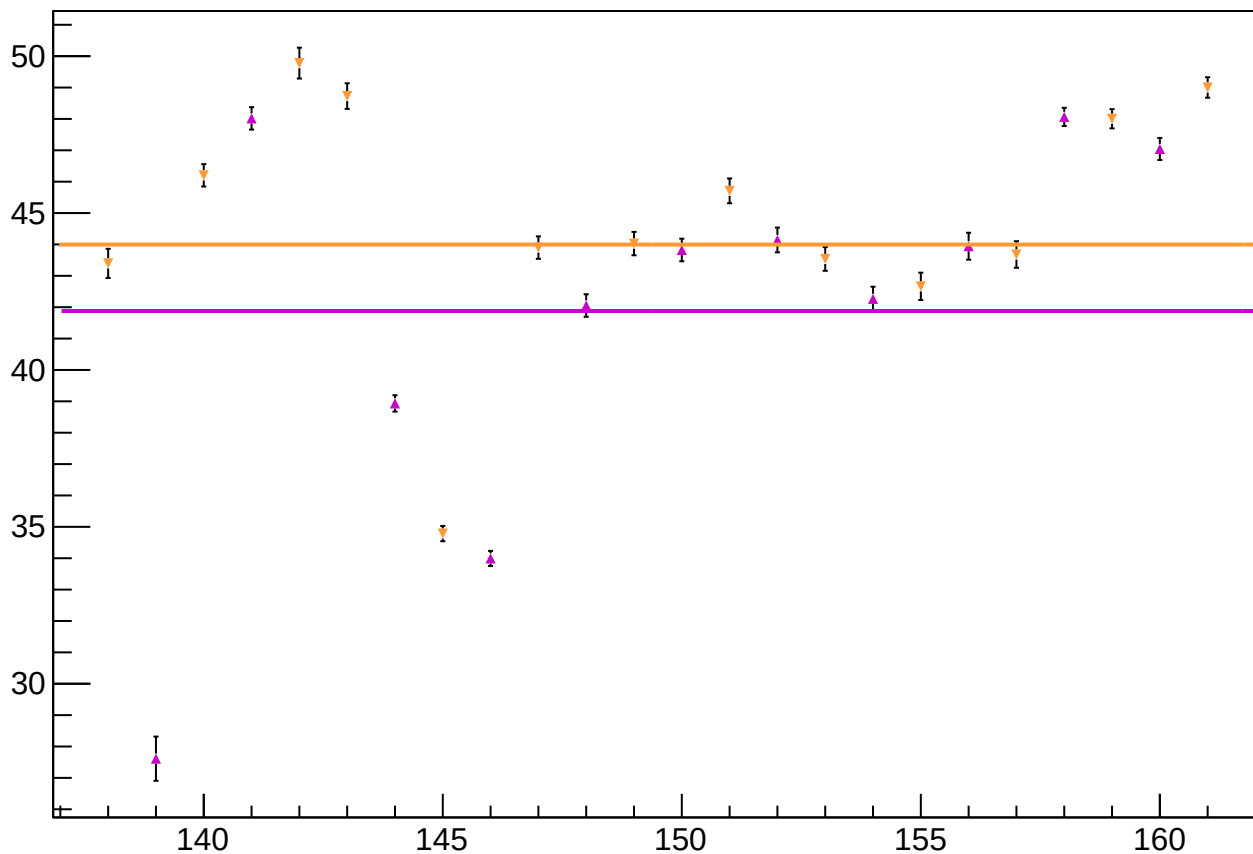
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.404+/-0.121 χ^2/NDF : 2366.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 23.446+/-0.122 χ^2/NDF : 2807.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 24.433+/-0.086 χ^2/NDF : 5303.8/23
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

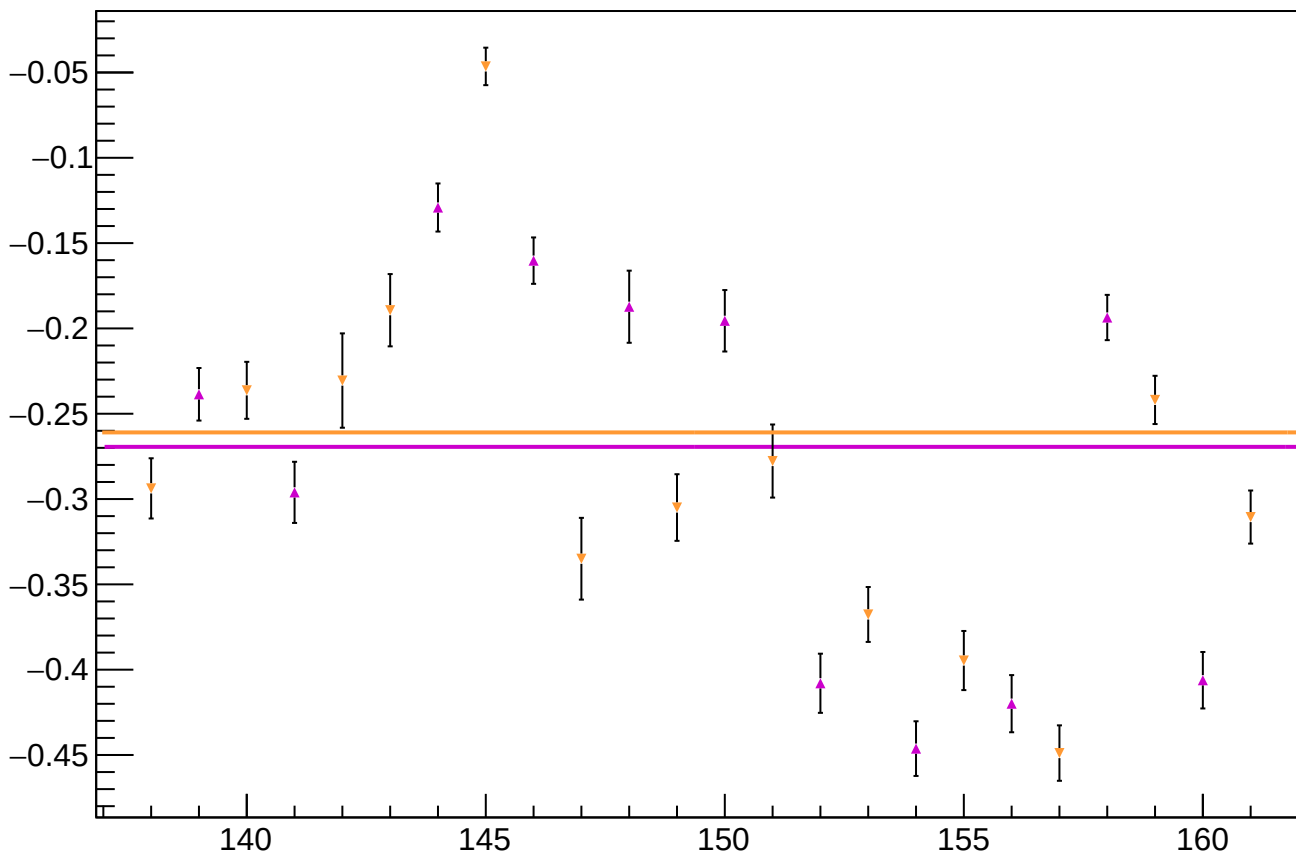
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 43.996+/-0.101 χ^2/NDF : 2173.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.879+/-0.102 χ^2/NDF : 2666.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 42.953+/-0.072 χ^2/NDF : 5057.8/23
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.261+/-0.005 χ^2/NDF : 664.2/12

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

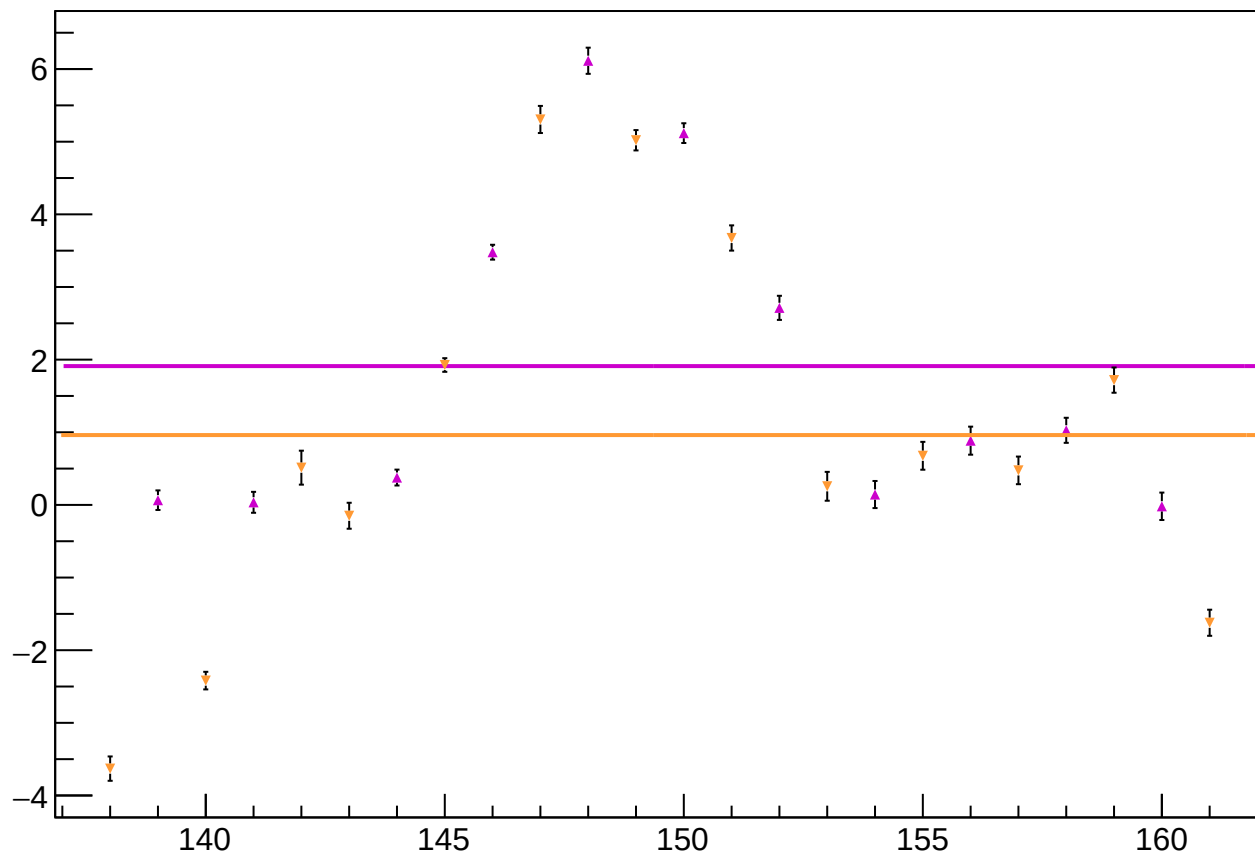
Left In: -0.269+/-0.005 χ^2/NDF : 569.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.265+/-0.003 χ^2/NDF : 1234.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

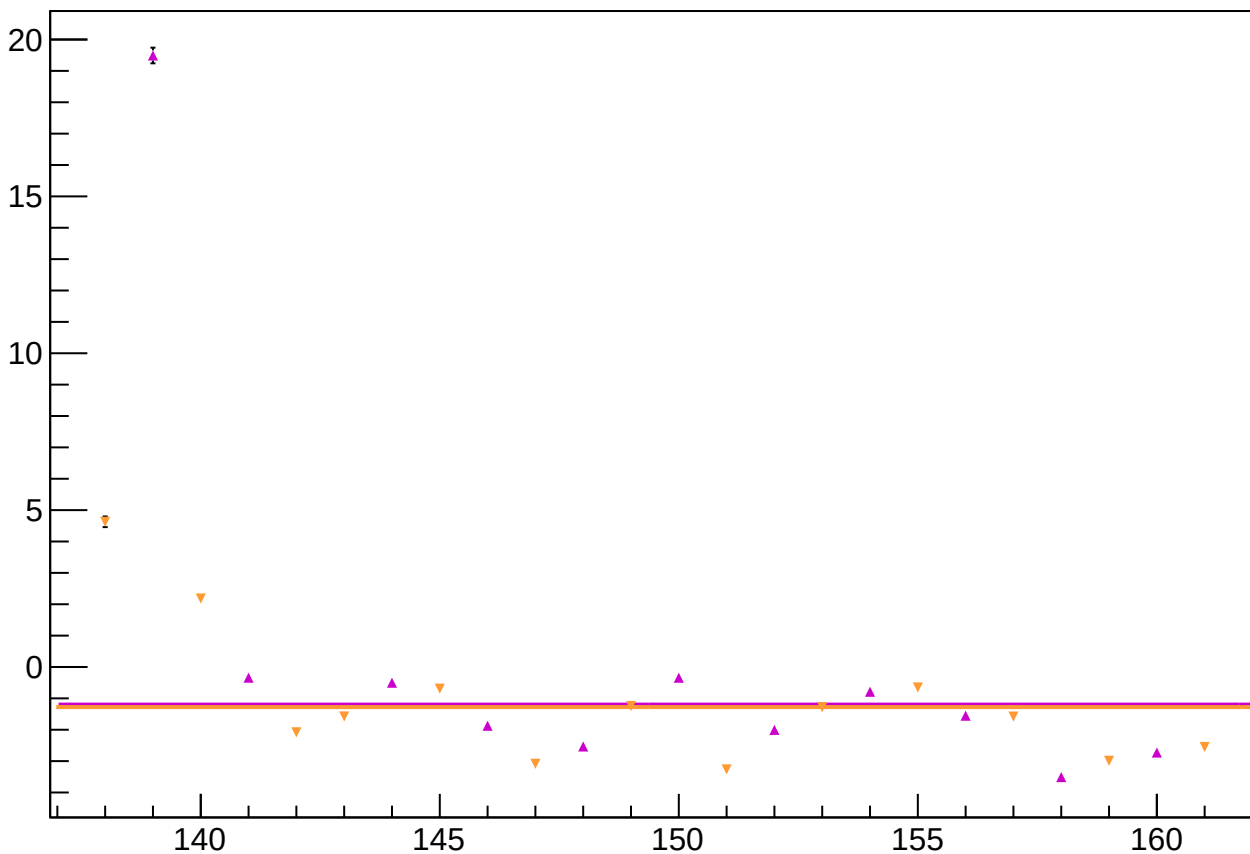
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.961 ± 0.044 χ^2/NDF : 3551.4/12
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 1.911 ± 0.044 χ^2/NDF : 2163.0/10

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 1.435 ± 0.031 χ^2/NDF : 5949.8/23
 - 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: -1.278+/-0.031 χ^2/NDF : 3624.9/12

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

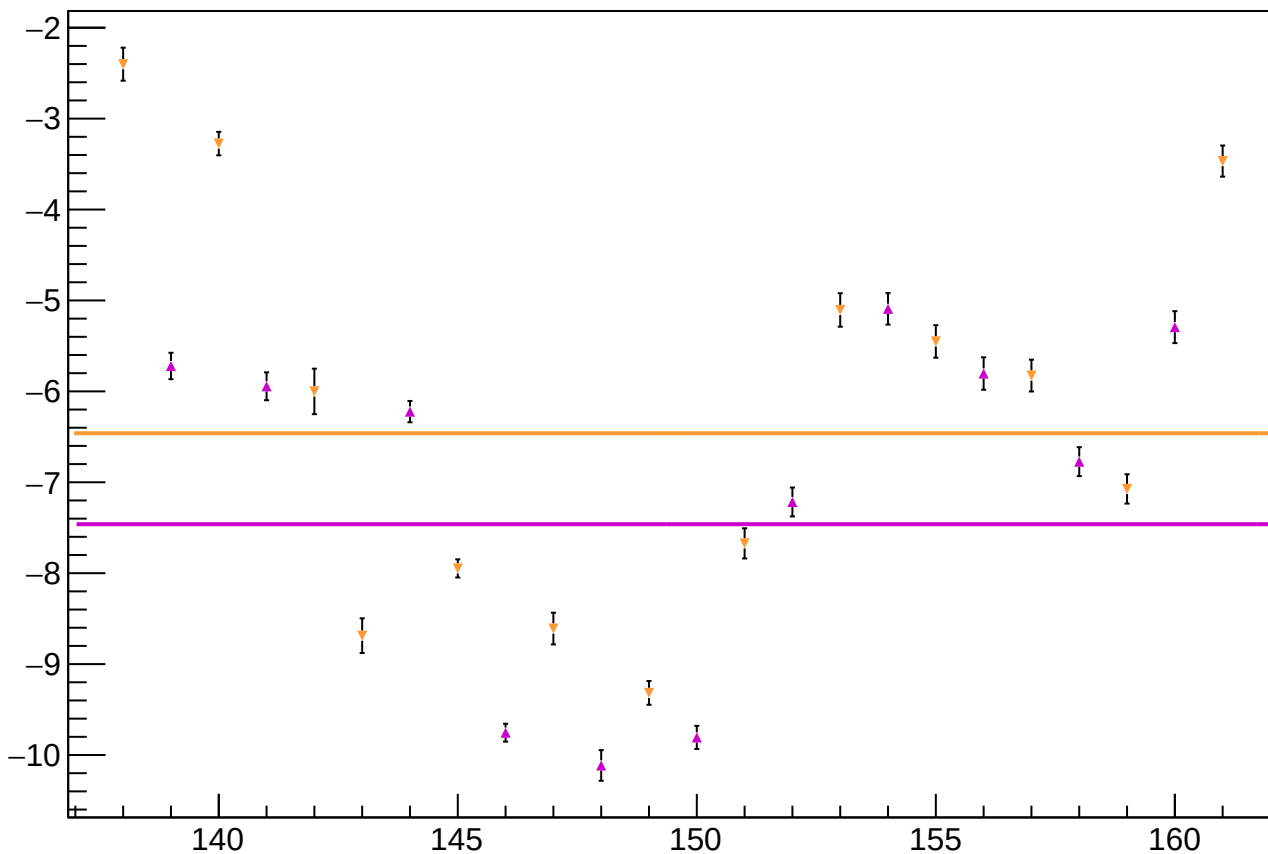
Left In: -1.199+/-0.031 χ^2/NDF : 8044.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.238+/-0.022 χ^2/NDF : 11672.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

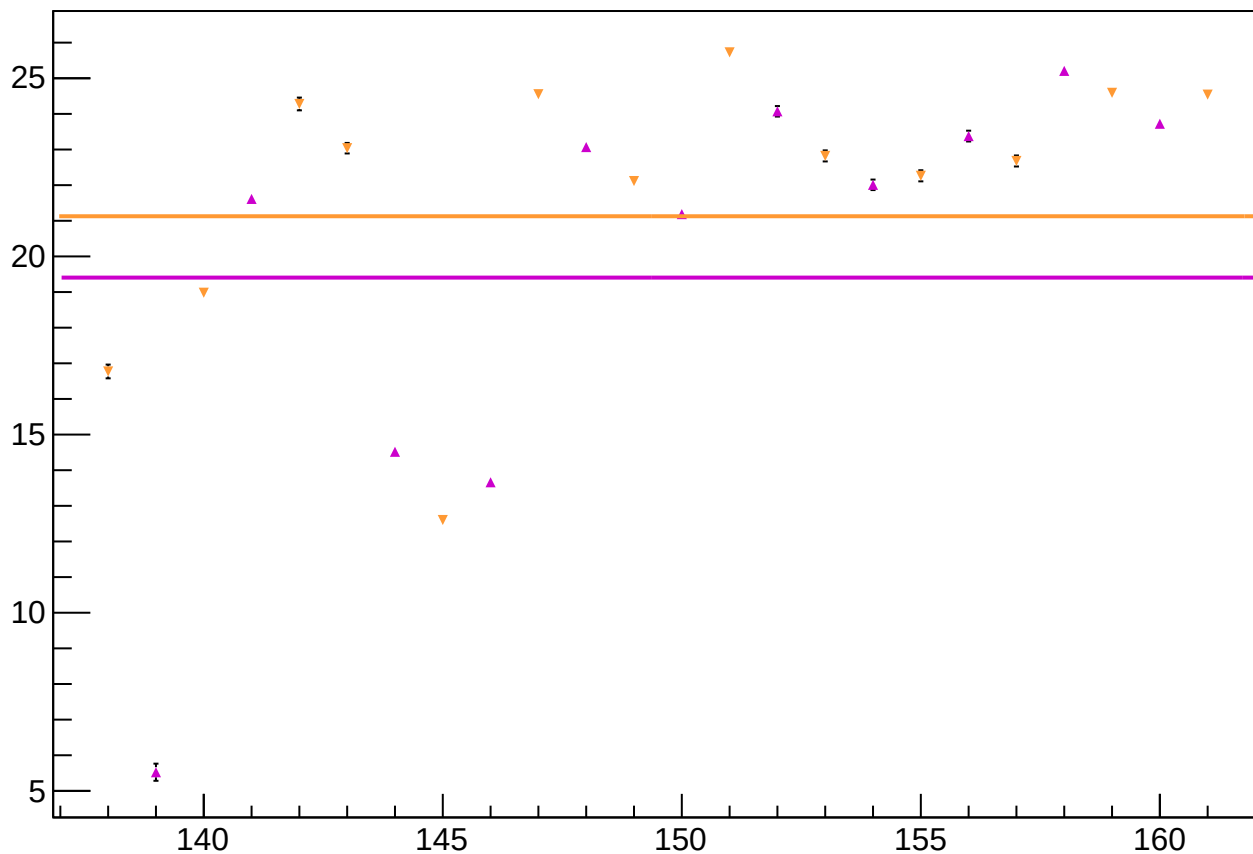
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.461+/-0.044 χ^2/NDF : 2572.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.461+/-0.043 χ^2/NDF : 1928.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.966+/-0.031 χ^2/NDF : 4768.2/23
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 21.127 $\pm$ 0.036 χ^2/NDF :14404.7/12

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

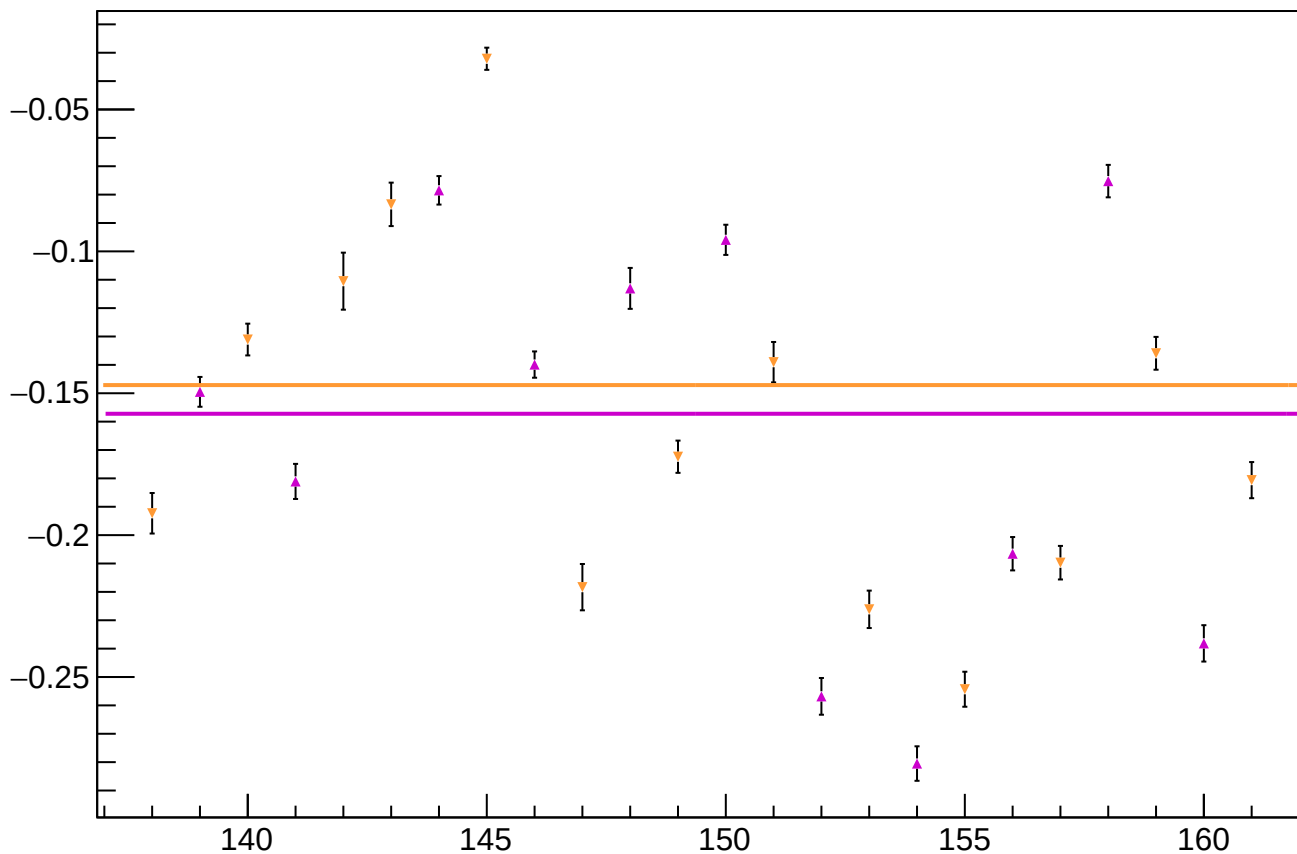
Left In: 19.405 $\pm$ 0.036 χ^2/NDF :17615.2/10

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

All: 20.266 $\pm$ 0.026 χ^2/NDF : 33136.7/23

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

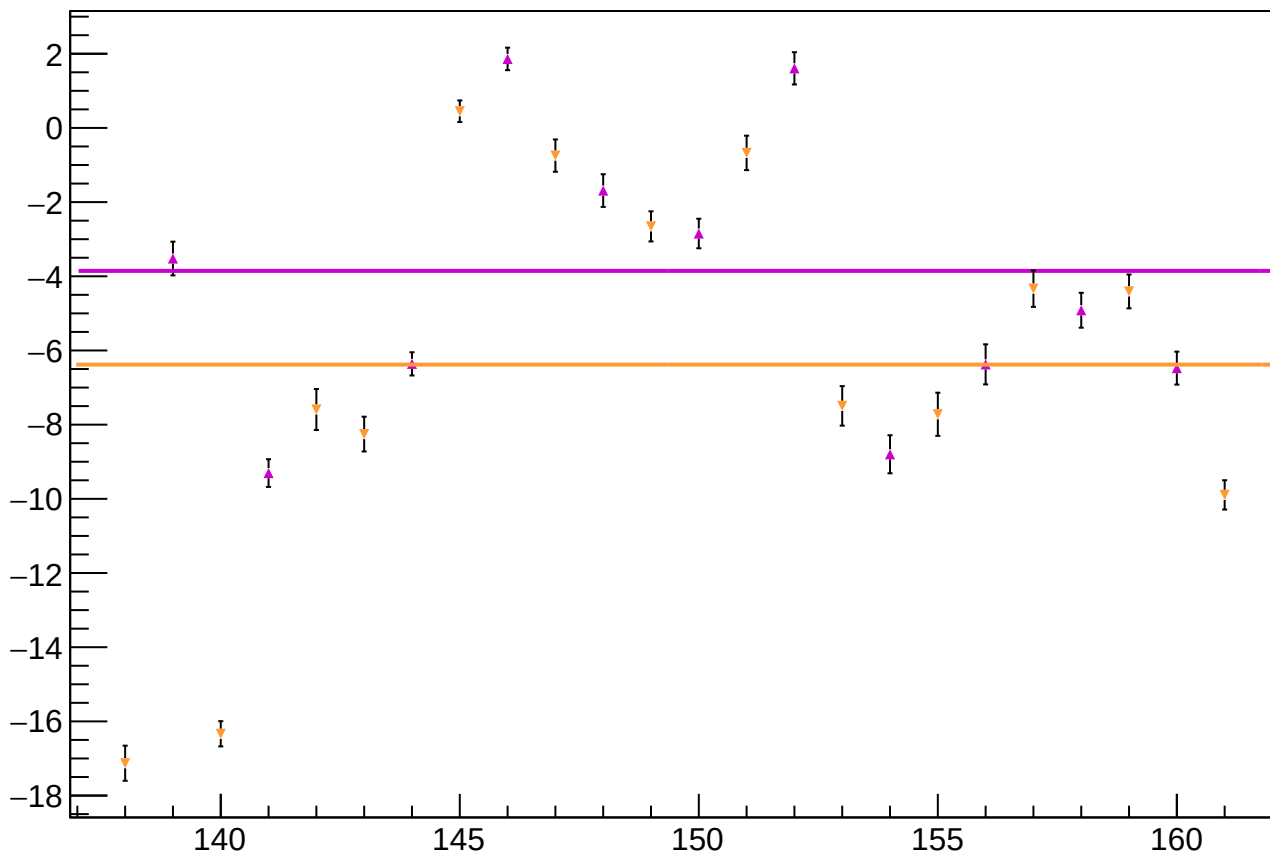
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.147+/-0.002 χ^2/NDF :1682.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.157+/-0.002 χ^2/NDF :1530.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.152+/-0.001 χ^2/NDF : 3230.9/23
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

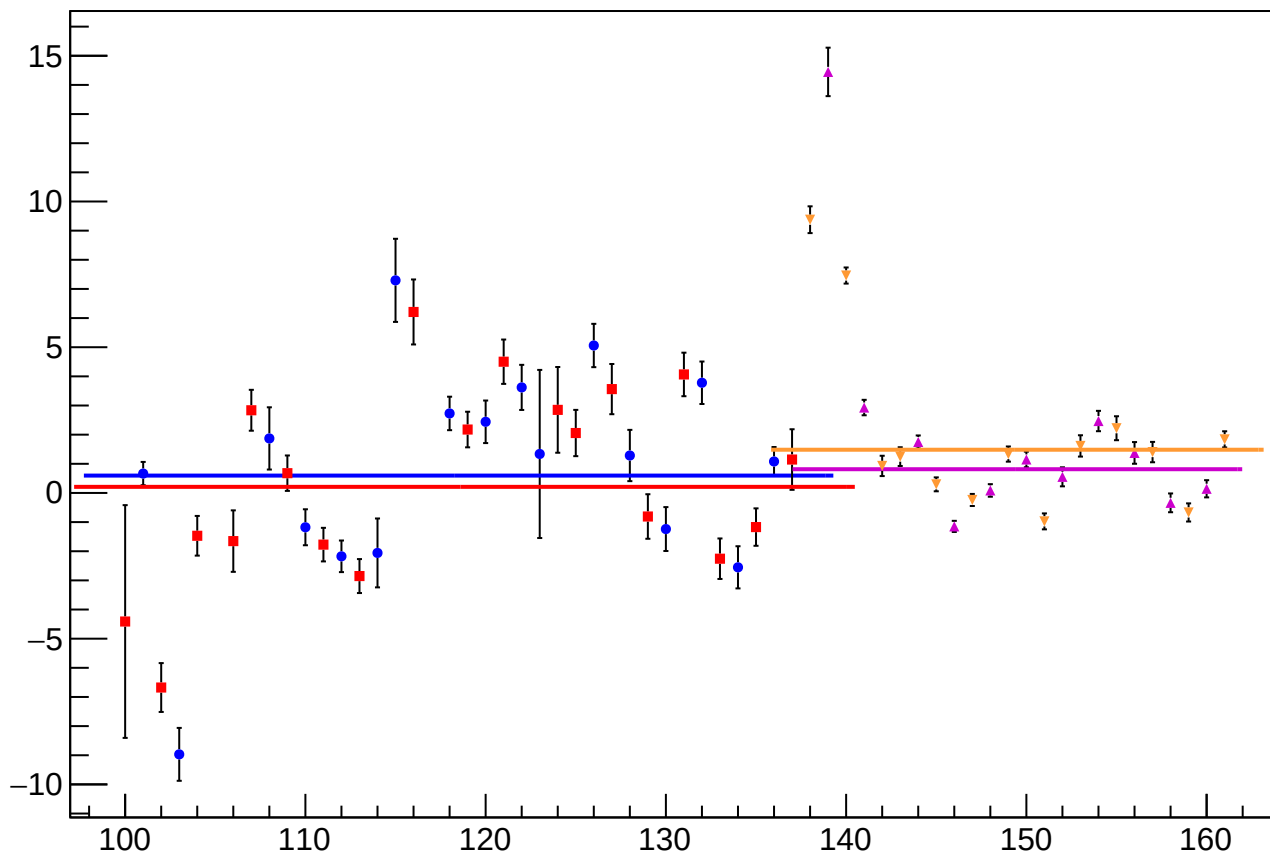
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.381+/-0.119 χ^2/NDF : 2467.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.854+/-0.123 χ^2/NDF : 974.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.153+/-0.085 χ^2/NDF : 3660.9/23
 - 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: 1.483 ± 0.082 χ^2/NDF : 994.0/12

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

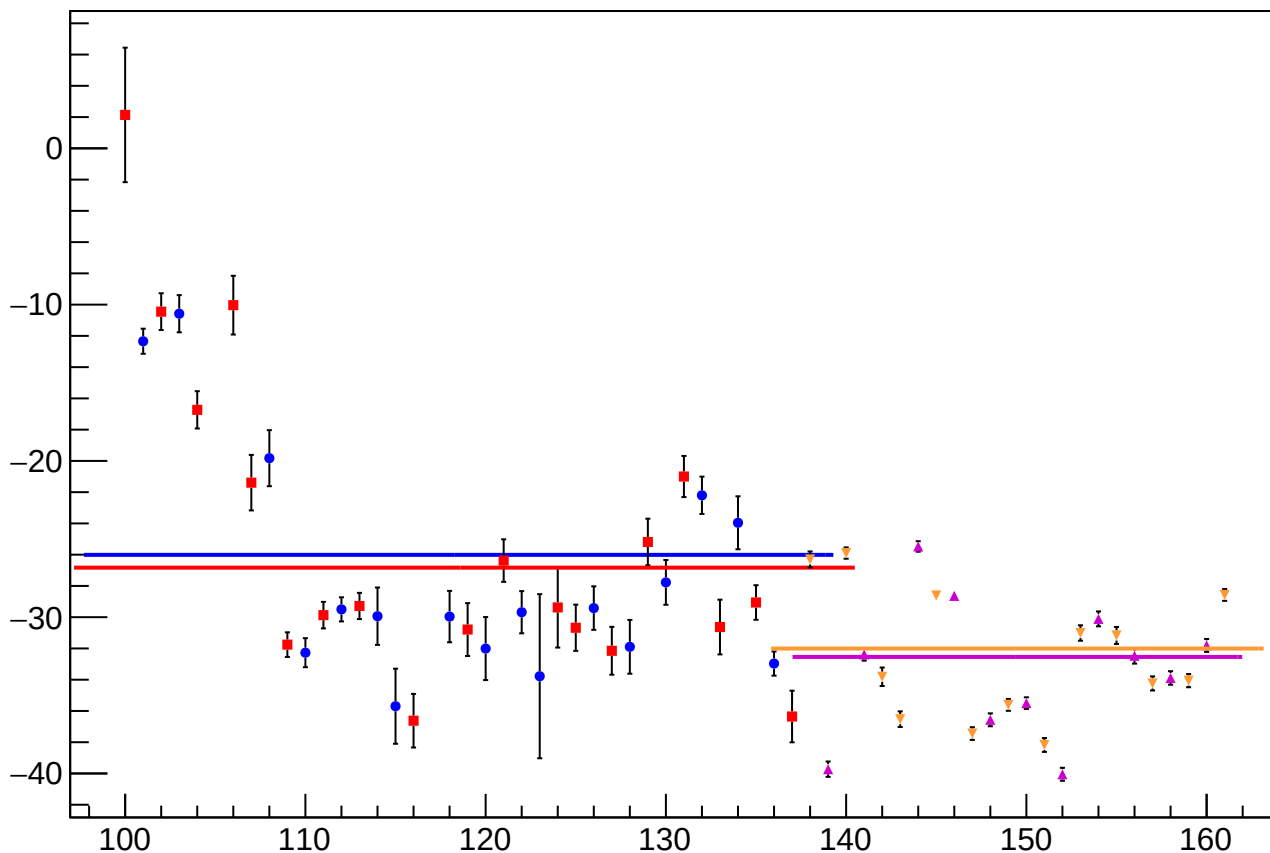
Left In: 0.814 ± 0.083 χ^2/NDF : 511.8/10

+ sign 1.315 ± 0.074 χ^2/NDF : 1307.5/29

All: 1.015 ± 0.053 χ^2/NDF : 2136.4/59

- sign 0.702 ± 0.075 χ^2/NDF : 795.1/29

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -32.006 ± 0.118 χ^2/NDF : 1218.3/12

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

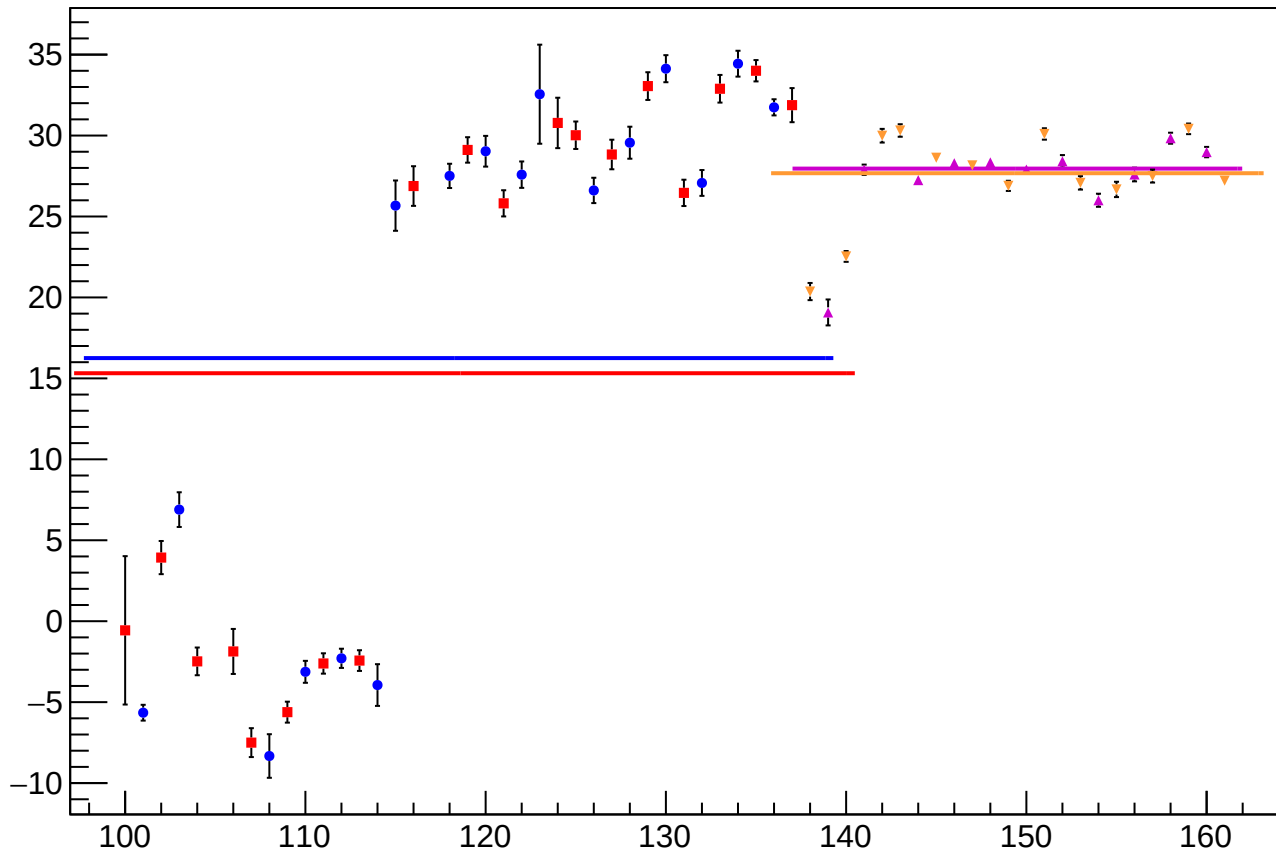
Left In: -32.543 ± 0.120 χ^2/NDF : 1360.1/10

+ sign -31.201 ± 0.110 χ^2/NDF : 2257.8/29

All: -31.469 ± 0.078 χ^2/NDF : 4528.9/59

- sign -31.744 ± 0.111 χ^2/NDF : 2259.0/29

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: 27.673 $\pm$ 0.097 χ^2 /NDF:650.9/12

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

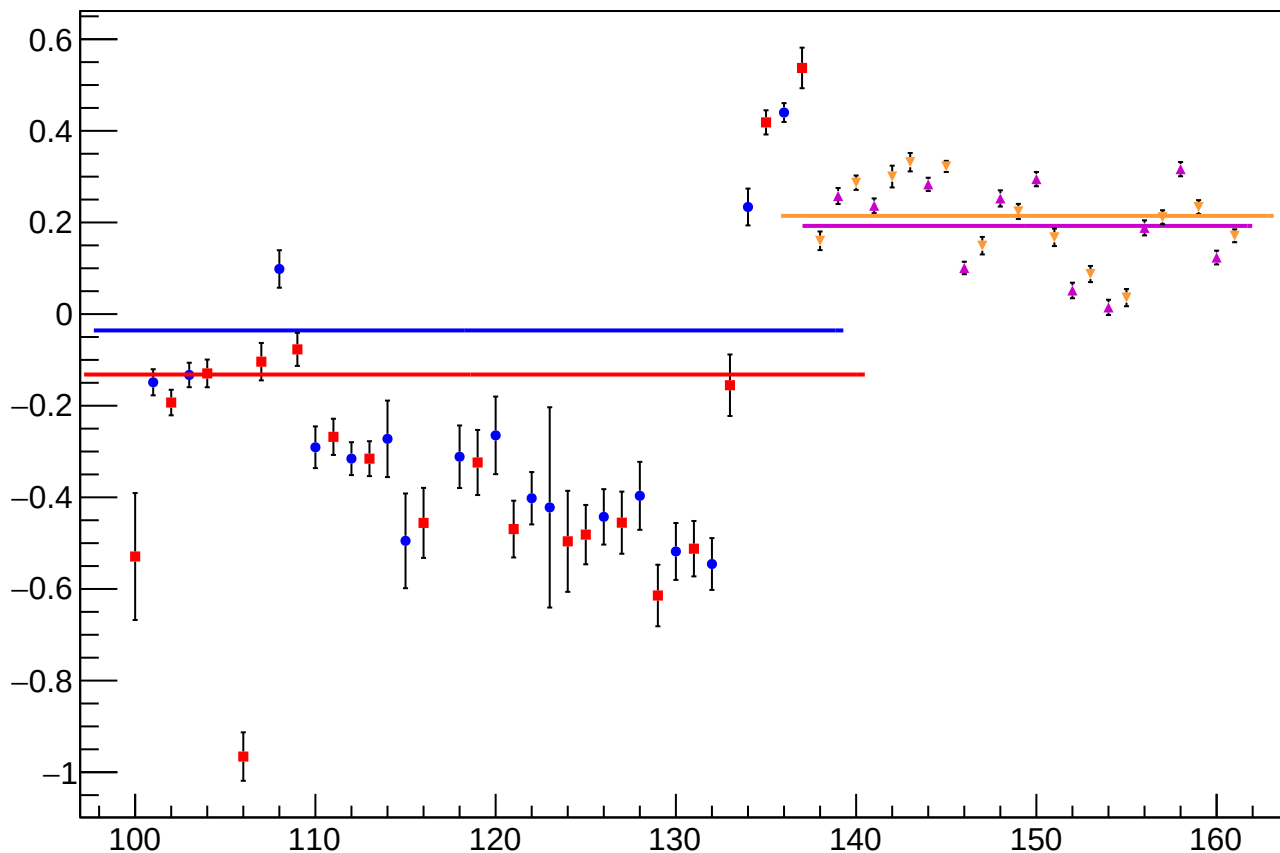
Left In: 27.958 $\pm$ 0.099 χ^2 /NDF:199.9/10

+ sign 25.321 $\pm$ 0.087 χ^2 /NDF: 11100.2/29

All: 25.358 $\pm$ 0.062 χ^2 /NDF: 21863.1/59

- sign 25.396 $\pm$ 0.089 χ^2 /NDF: 10762.6/29

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.214 ± 0.005 χ^2/NDF : 325.6/12

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

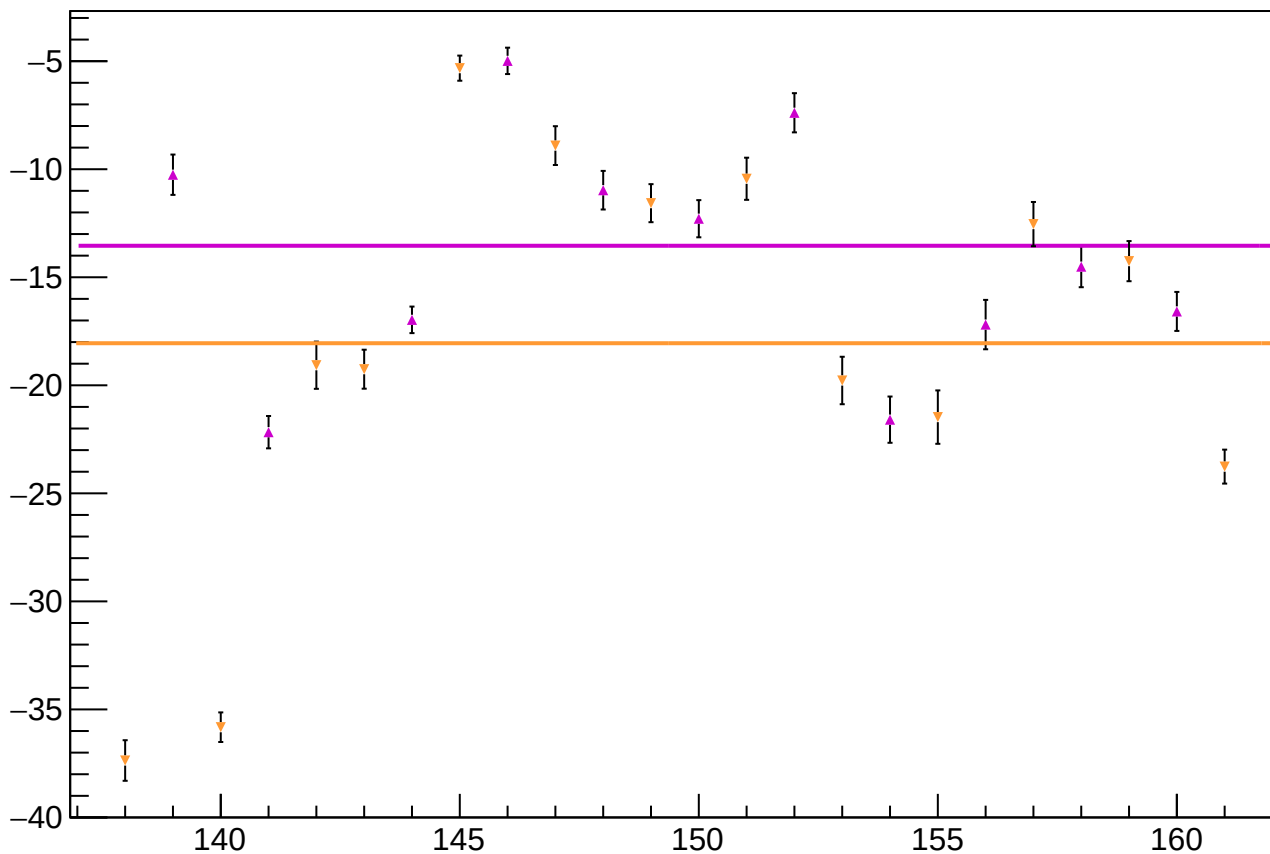
Left In: 0.193 ± 0.005 χ^2/NDF : 426.5/10

+ sign 0.172 ± 0.004 χ^2/NDF : 1829.1/29

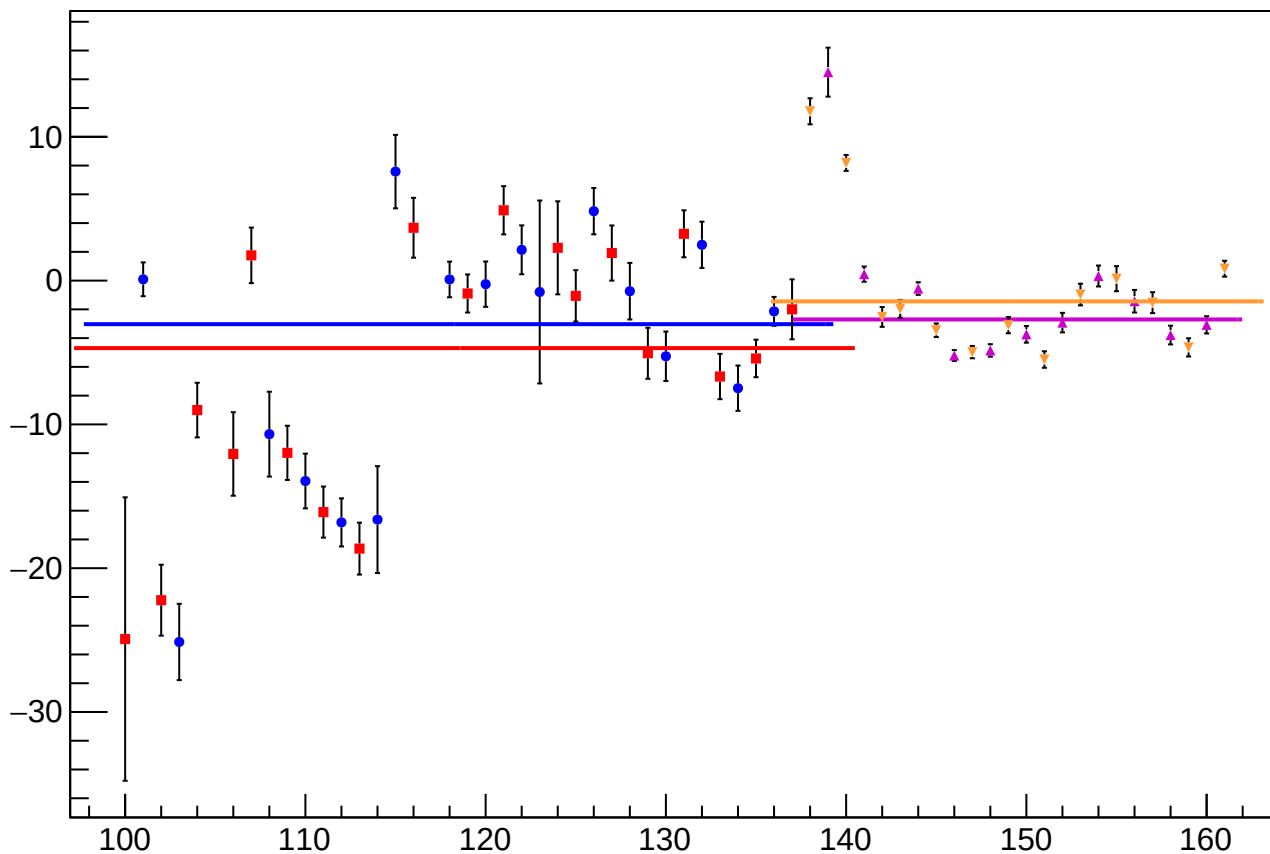
All: 0.154 ± 0.003 χ^2/NDF : 4272.1/59

- sign 0.136 ± 0.004 χ^2/NDF : 2406.5/29

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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: -1.445 ± 0.166 $\chi^2/\text{NDF}: 707.8/12$

Right Out: -4.694 ± 0.427 $\chi^2/\text{NDF}: 298.3/18$

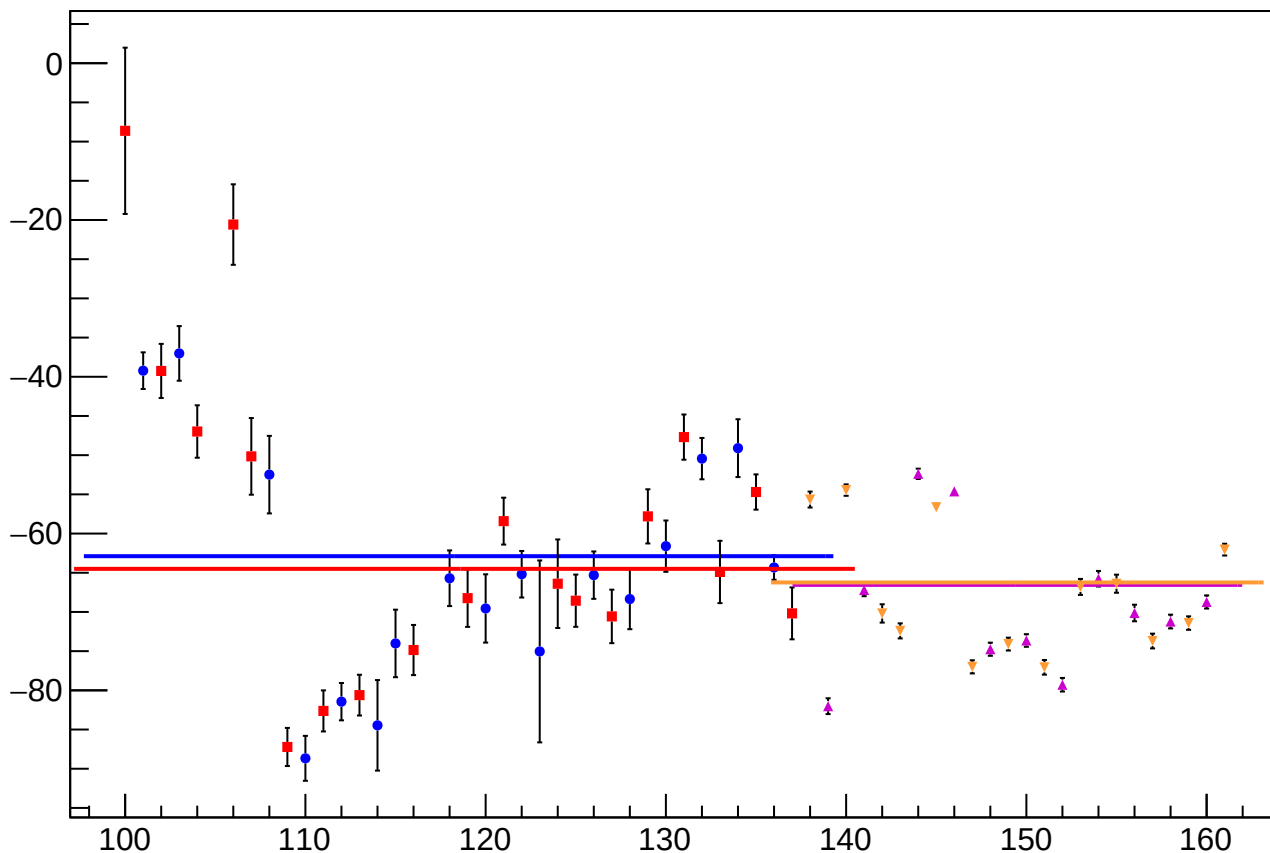
Left In: -2.702 ± 0.168 $\chi^2/\text{NDF}: 256.5/10$

+ sign -1.672 ± 0.154 $\chi^2/\text{NDF}: 1001.5/29$

All: -2.310 ± 0.110 $\chi^2/\text{NDF}: 1610.1/59$

- sign -2.971 ± 0.157 $\chi^2/\text{NDF}: 573.6/29$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -66.236 ± 0.240 χ^2/NDF : 1184.6/12

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

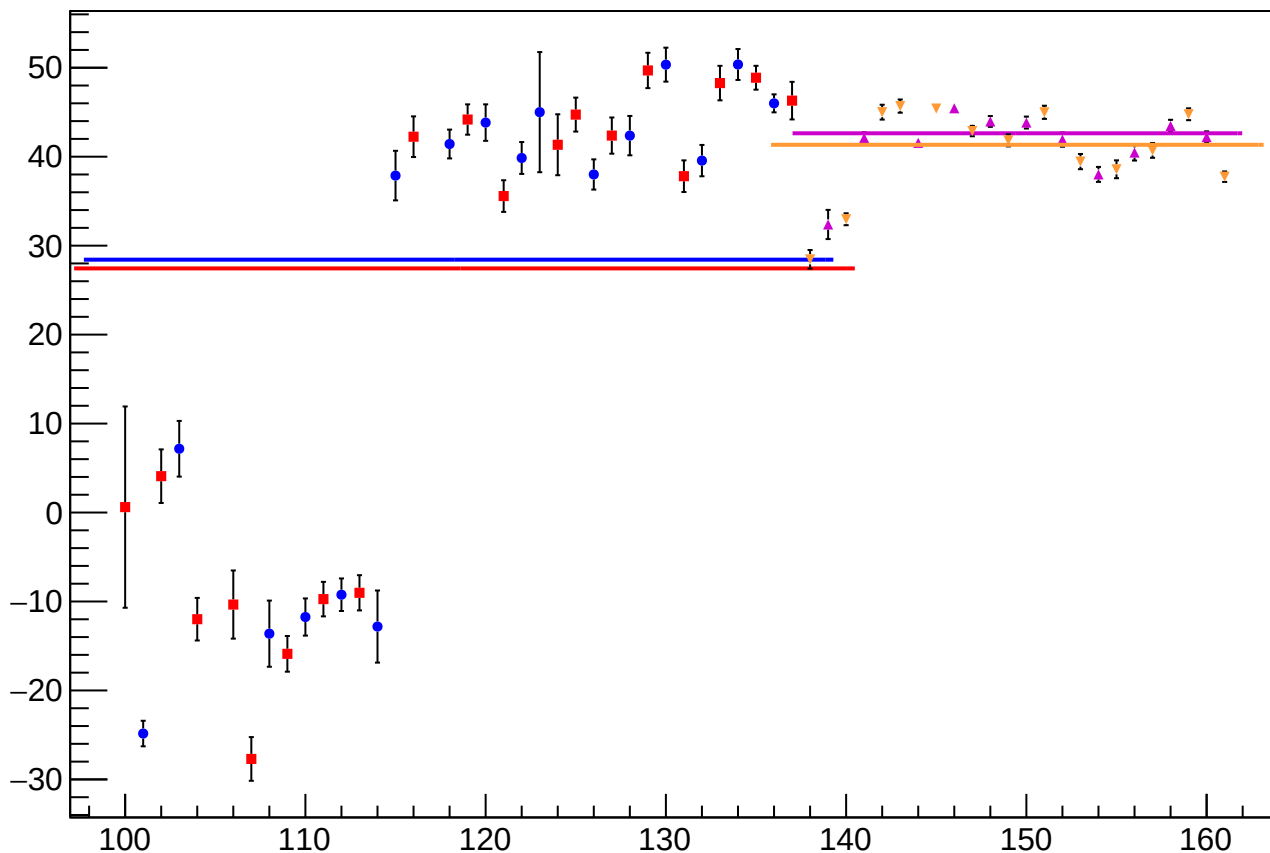
Left In: -66.547 ± 0.245 χ^2/NDF : 1550.2/10

+ sign -65.914 ± 0.229 χ^2/NDF : 1572.0/29

All: -66.128 ± 0.163 χ^2/NDF : 3574.7/59

- sign -66.350 ± 0.233 χ^2/NDF : 2000.9/29

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 41.336 $\pm$ 0.198 χ^2 /NDF: 523.7/12

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

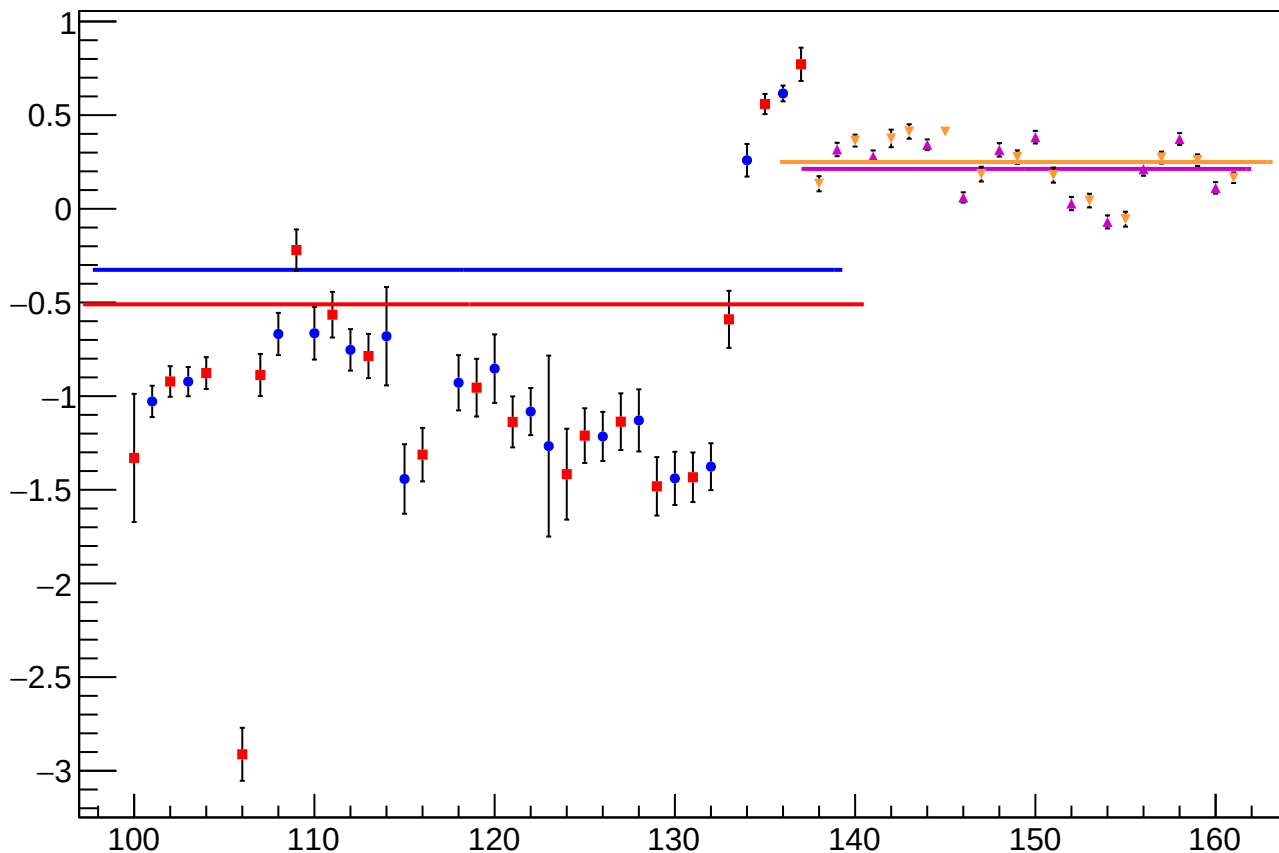
Left In: 42.631 $\pm$ 0.202 χ^2 /NDF: 125.4/10

+ sign 39.297 $\pm$ 0.182 χ^2 /NDF: 4525.8/29

All: 39.805 $\pm$ 0.130 χ^2 /NDF: 8555.4/59

- sign 40.338 $\pm$ 0.186 χ^2 /NDF: 4013.5/29

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.250 ± 0.009 χ^2/NDF : 197.2/12

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

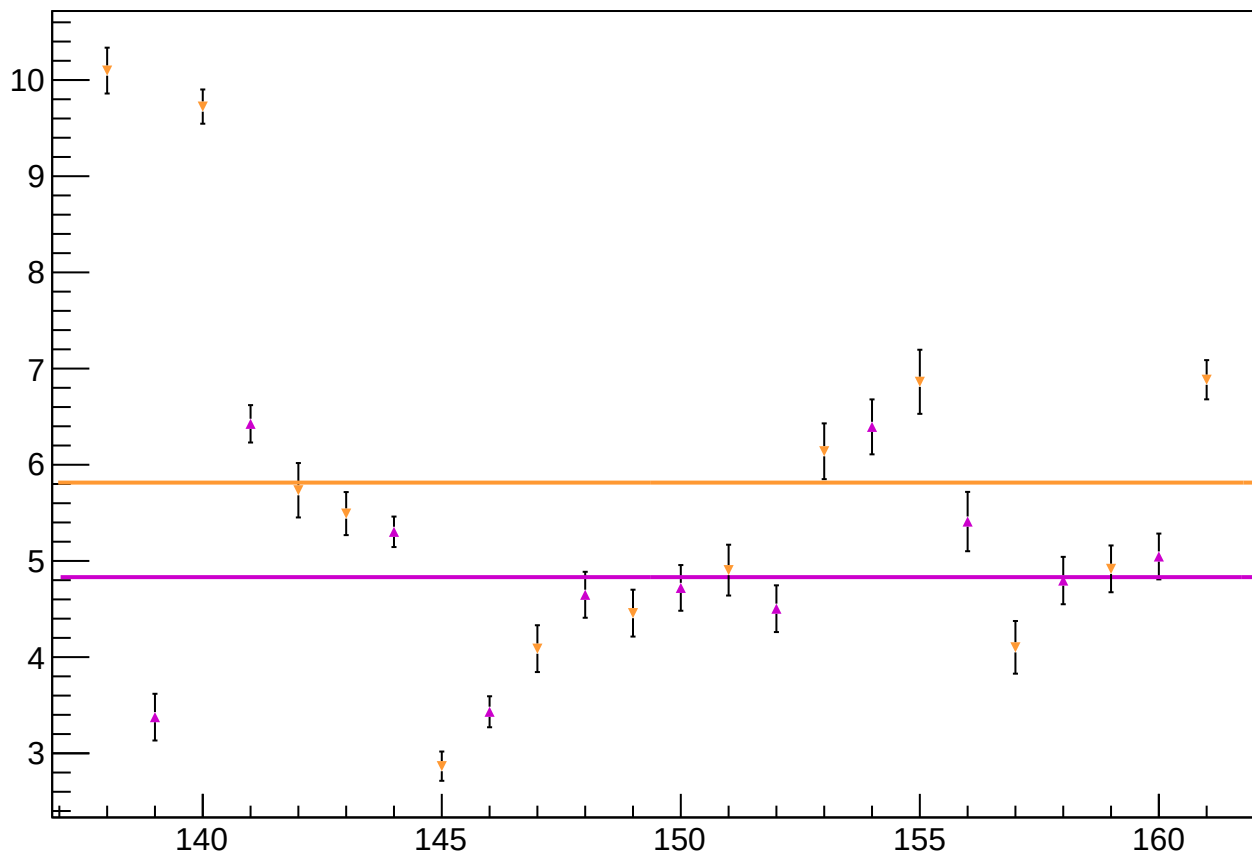
Left In: 0.213 ± 0.010 χ^2/NDF : 226.9/10

+ sign 0.177 ± 0.009 χ^2/NDF : 1677.2/29

All: 0.150 ± 0.006 χ^2/NDF : 3783.9/59

- sign 0.122 ± 0.009 χ^2/NDF : 2087.8/29

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: 5.815+/-0.063 χ^2/NDF :1367.5/12

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

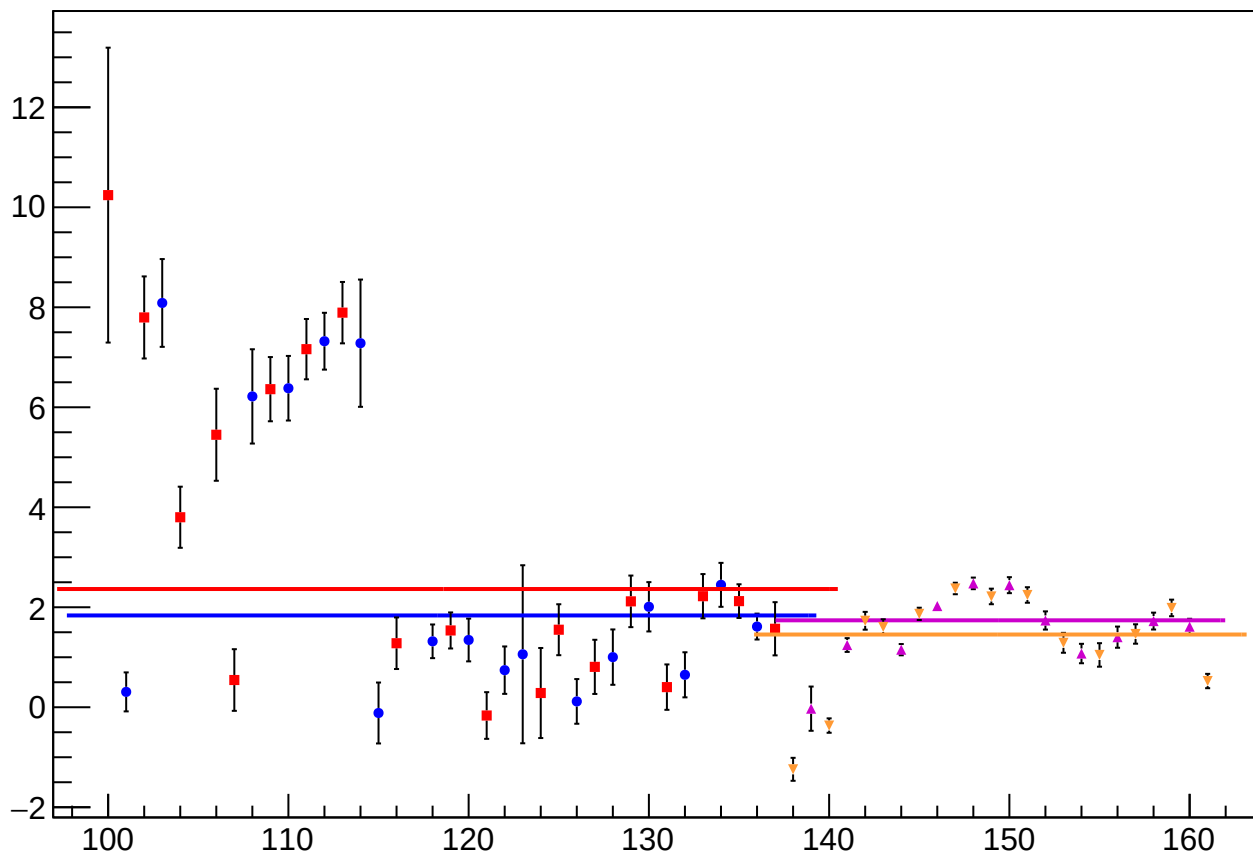
Left In: 4.832+/-0.066 χ^2/NDF :224.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.341+/-0.046 χ^2/NDF : 1707.4/23

- 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: 1.455+/-0.044 χ^2/NDF : 481.6/12

Right Out: 2.365+/-0.123 χ^2/NDF : 336.4/18

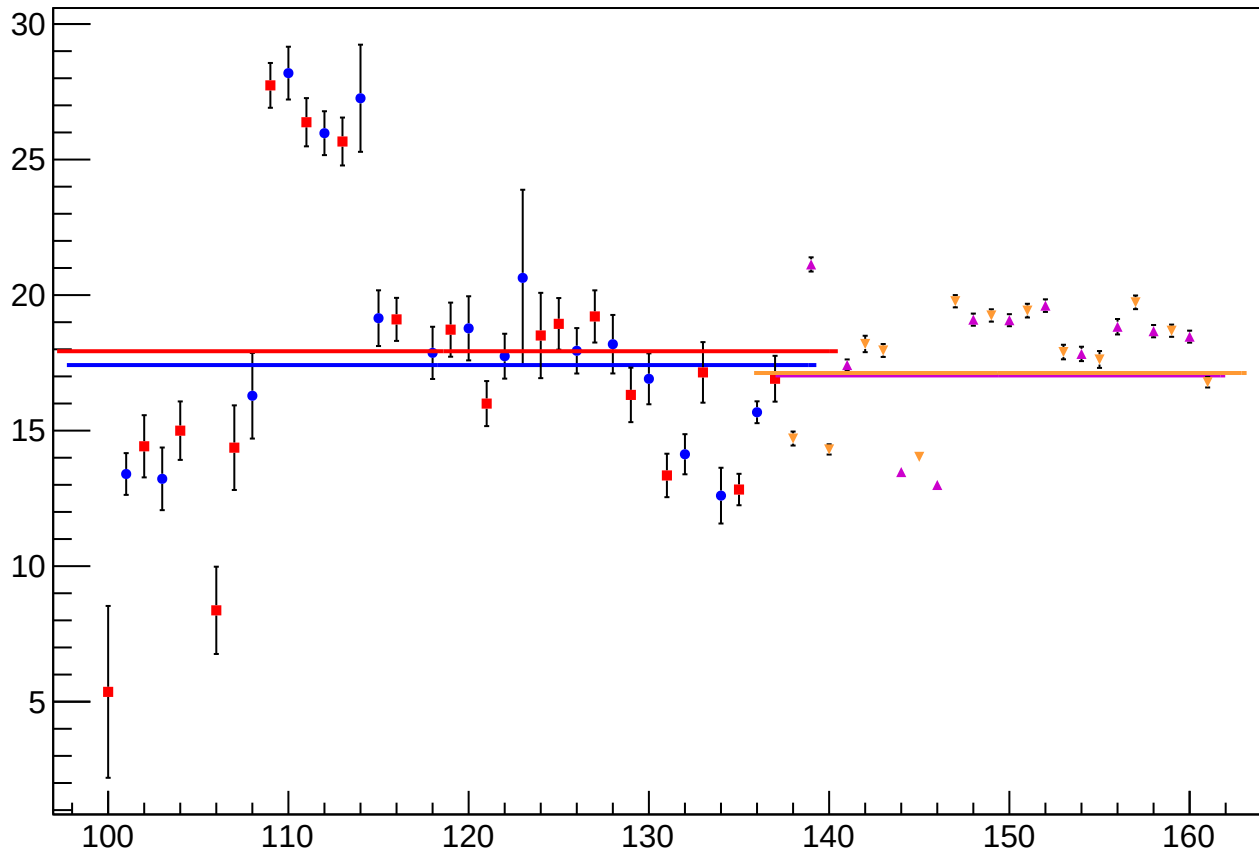
Left In: 1.739+/-0.044 χ^2/NDF : 139.1/10

+ sign 1.502+/-0.041 χ^2/NDF : 786.0/29

All: 1.654+/-0.029 χ^2/NDF : 1312.4/59

- sign 1.811+/-0.042 χ^2/NDF : 498.6/29

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: 17.126 ± 0.063 χ^2/NDF : 1173.5/12

Right Out: 17.929 ± 0.219 χ^2/NDF : 506.3/18

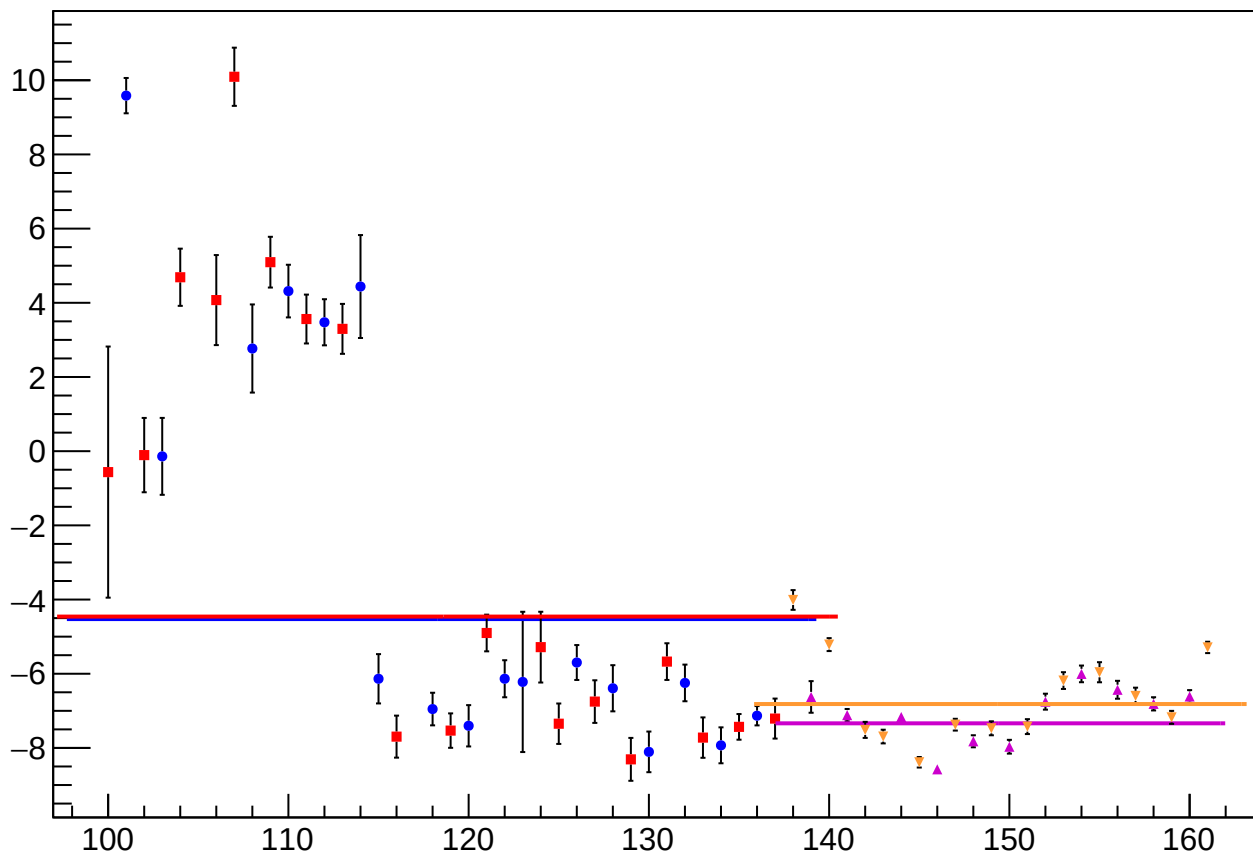
Left In: 17.035 ± 0.065 χ^2/NDF : 1803.9/10

+ sign 17.150 ± 0.061 χ^2/NDF : 1542.1/29

All: 17.129 ± 0.043 χ^2/NDF : 3867.9/59

- sign 17.107 ± 0.062 χ^2/NDF : 2325.6/29

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: -6.817 ± 0.052 χ^2/NDF : 506.8/12

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

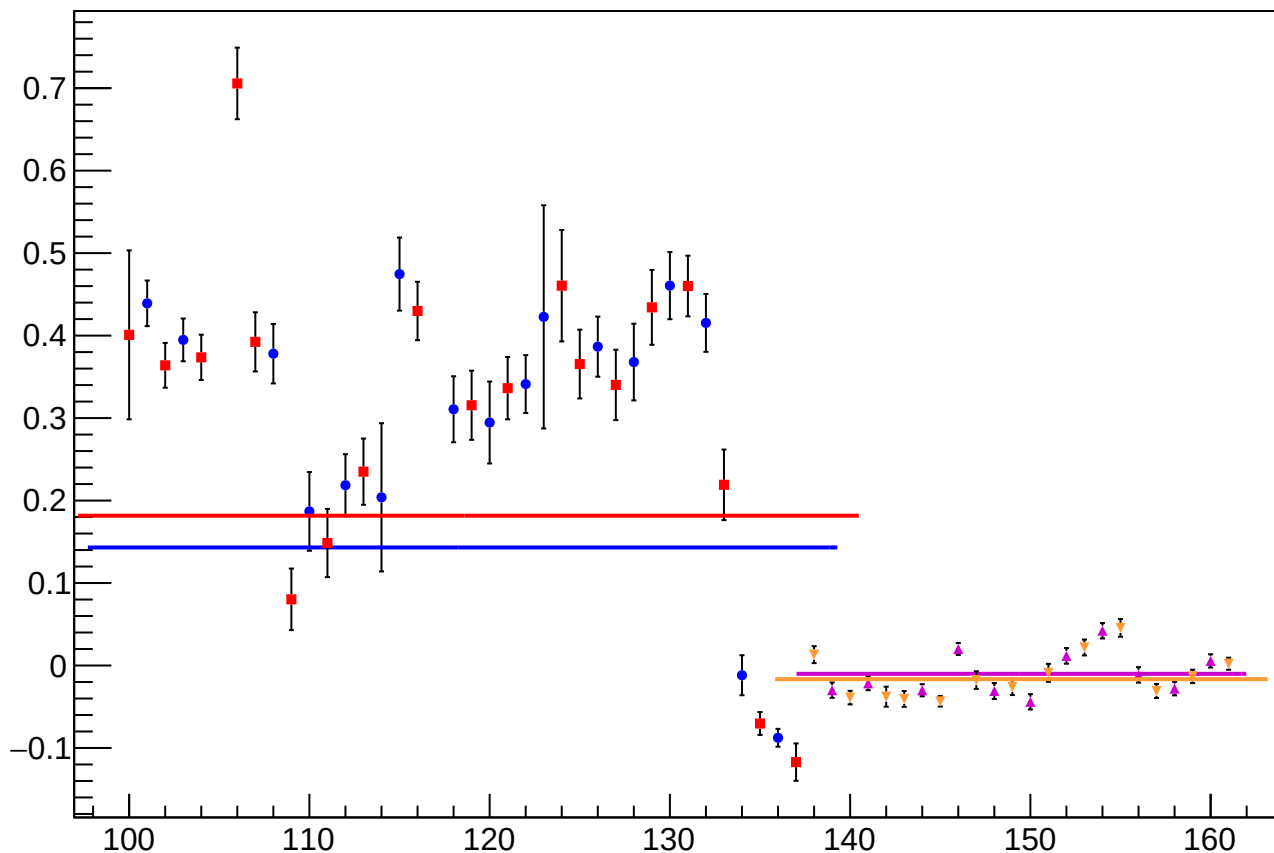
Left In: -7.337 ± 0.053 χ^2/NDF : 209.3/10

+ sign -6.498 ± 0.048 χ^2/NDF : 2366.2/29

All: -6.723 ± 0.035 χ^2/NDF : 4342.5/59

- sign -6.959 ± 0.050 χ^2/NDF : 1931.8/29

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 ± 0.007 χ^2/NDF : 1060.4/16

Left Out: -0.017 ± 0.002 χ^2/NDF : 103.2/12

Right Out: 0.182 ± 0.007 χ^2/NDF : 1007.8/18

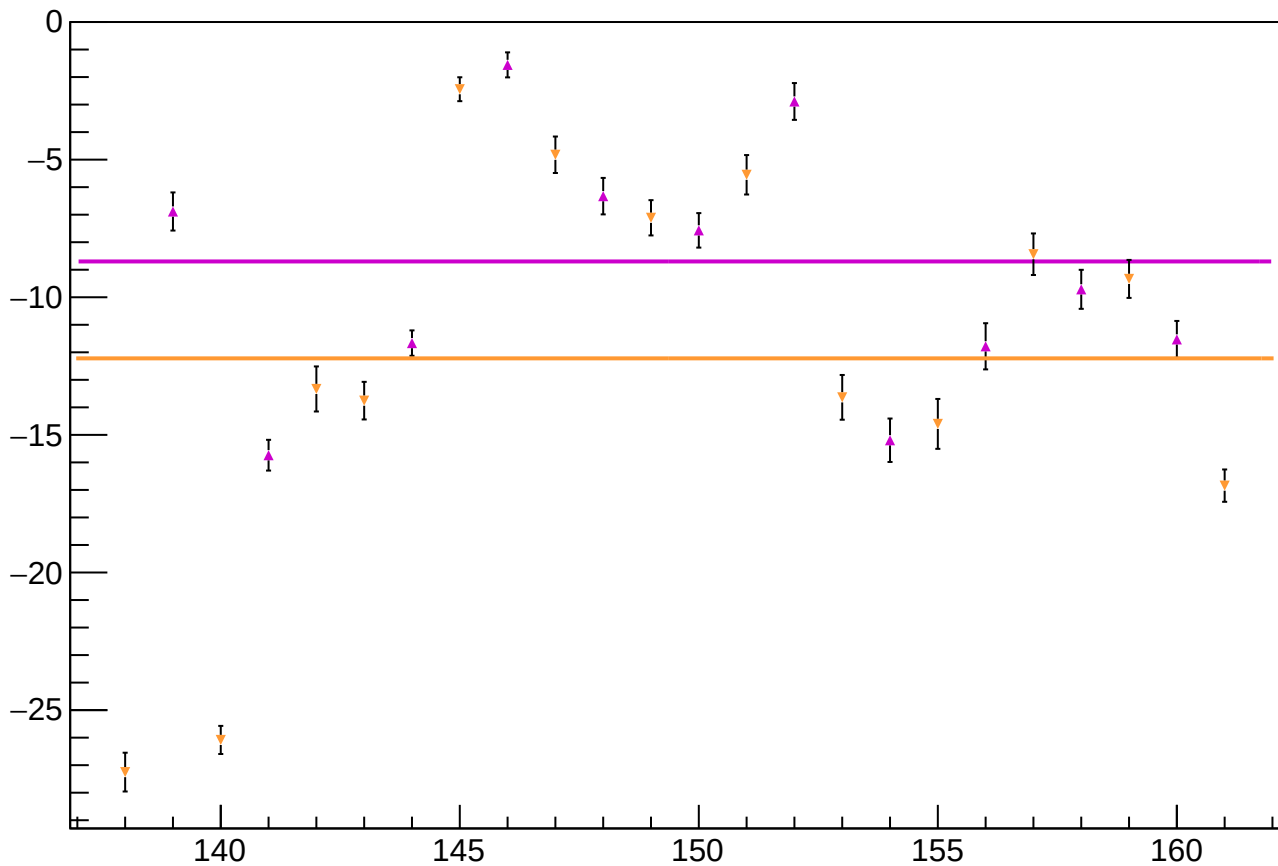
Left In: -0.010 ± 0.003 χ^2/NDF : 94.5/10

+ sign 0.001 ± 0.002 χ^2/NDF : 1619.7/29

All: 0.006 ± 0.002 χ^2/NDF : 3330.6/59

- sign 0.011 ± 0.002 χ^2/NDF : 1702.8/29

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -12.220+/-0.180 χ^2/NDF : 2095.9/12

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

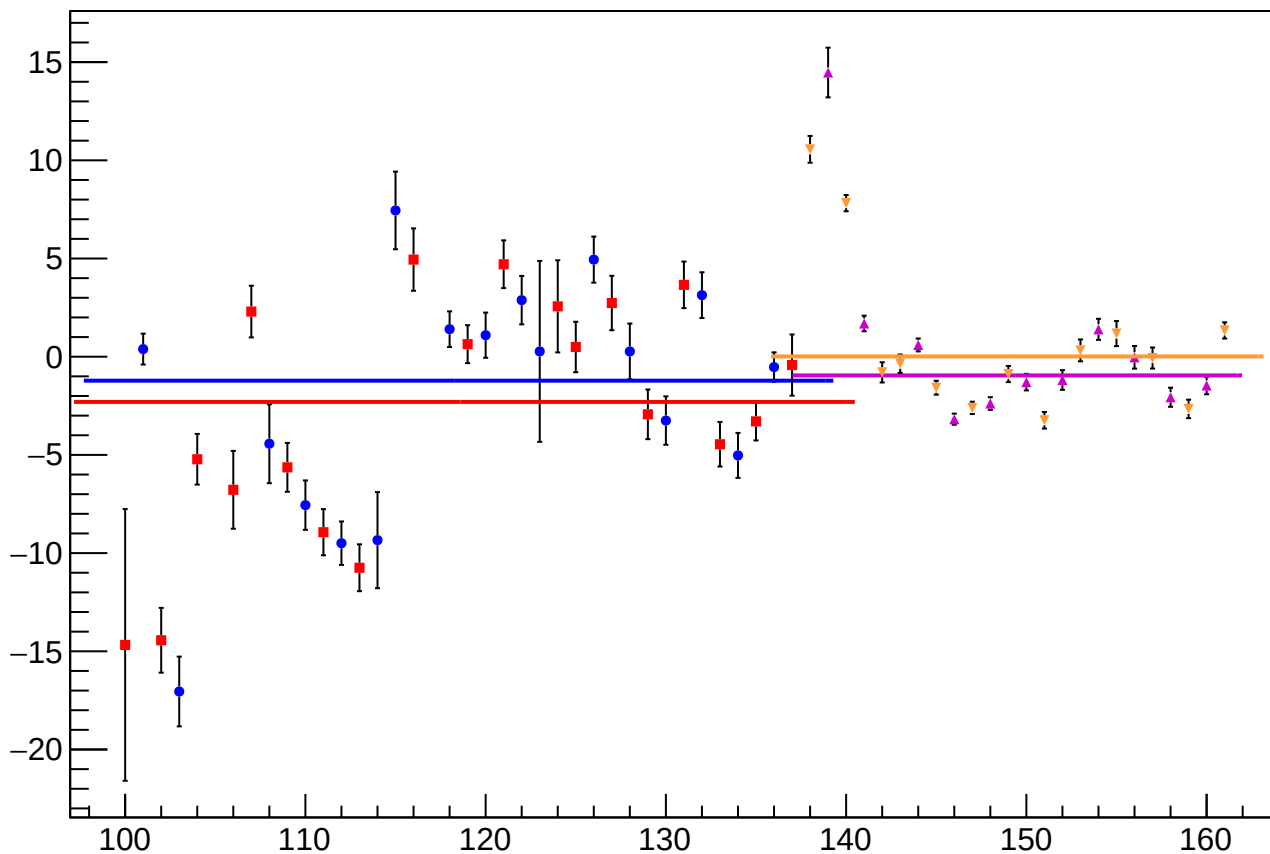
Left In: -8.699+/-0.185 χ^2/NDF : 646.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.512+/-0.129 χ^2/NDF : 2928.8/23

- 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: 0.014 ± 0.124 χ^2/NDF : 798.0/12

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

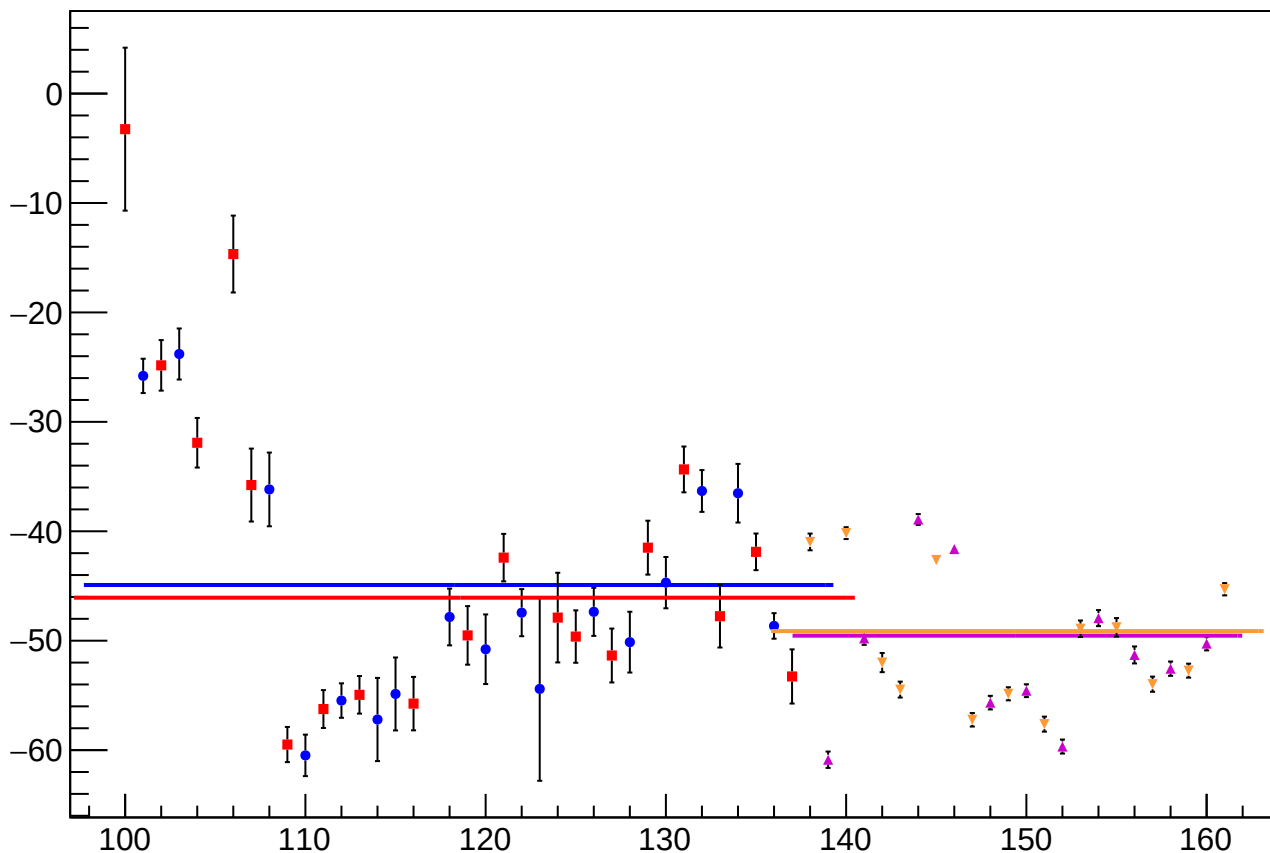
Left In: -0.952 ± 0.125 χ^2/NDF : 326.4/10

+ sign -0.176 ± 0.114 χ^2/NDF : 1091.9/29

All: -0.654 ± 0.081 χ^2/NDF : 1757.6/59

- sign -1.150 ± 0.116 χ^2/NDF : 629.6/29

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -49.122 ± 0.179 χ^2/NDF : 1193.1/12

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

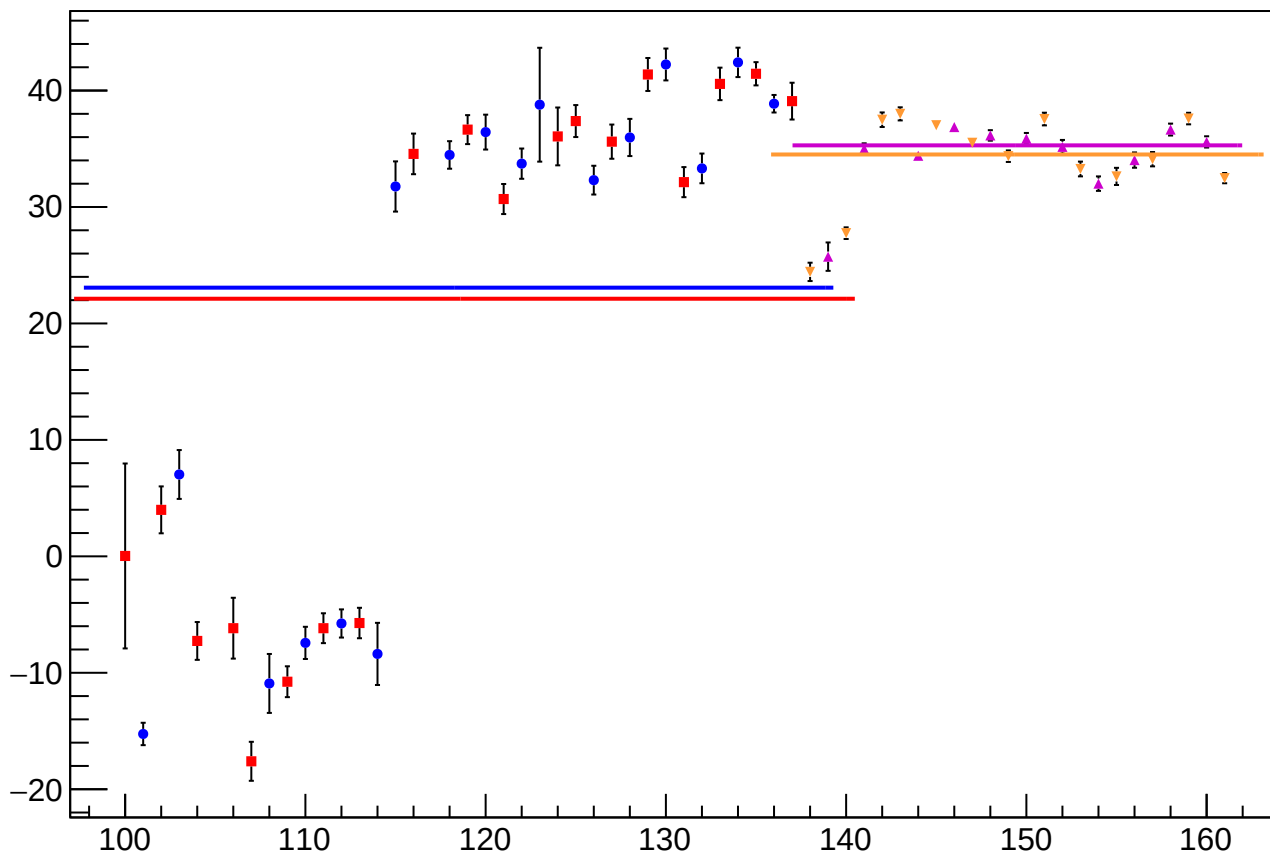
Left In: -49.540 ± 0.182 χ^2/NDF : 1474.6/10

+ sign -48.681 ± 0.169 χ^2/NDF : 1672.5/29

All: -48.923 ± 0.120 χ^2/NDF : 3643.8/59

- sign -49.174 ± 0.172 χ^2/NDF : 1967.1/29

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: 34.509 $\pm$ 0.147 χ^2 /NDF: 552.6/12

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

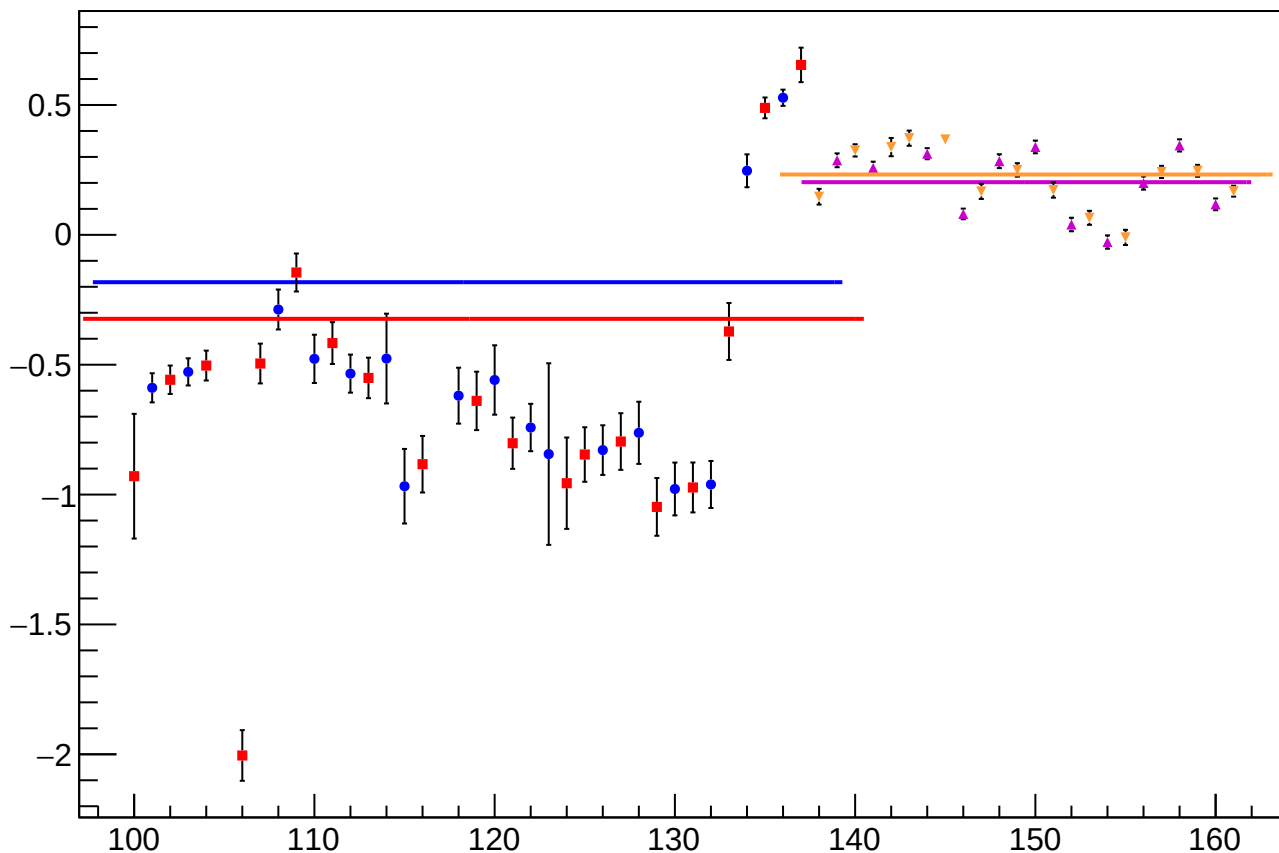
Left In: 35.293 $\pm$ 0.150 χ^2 /NDF: 130.7/10

+ sign 32.577 $\pm$ 0.134 χ^2 /NDF: 5921.2/29

All: 32.856 $\pm$ 0.096 χ^2 /NDF: 11352.3/59

- sign 33.147 $\pm$ 0.137 χ^2 /NDF: 5422.2/29

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.232 ± 0.007 χ^2/NDF : 237.2/12

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

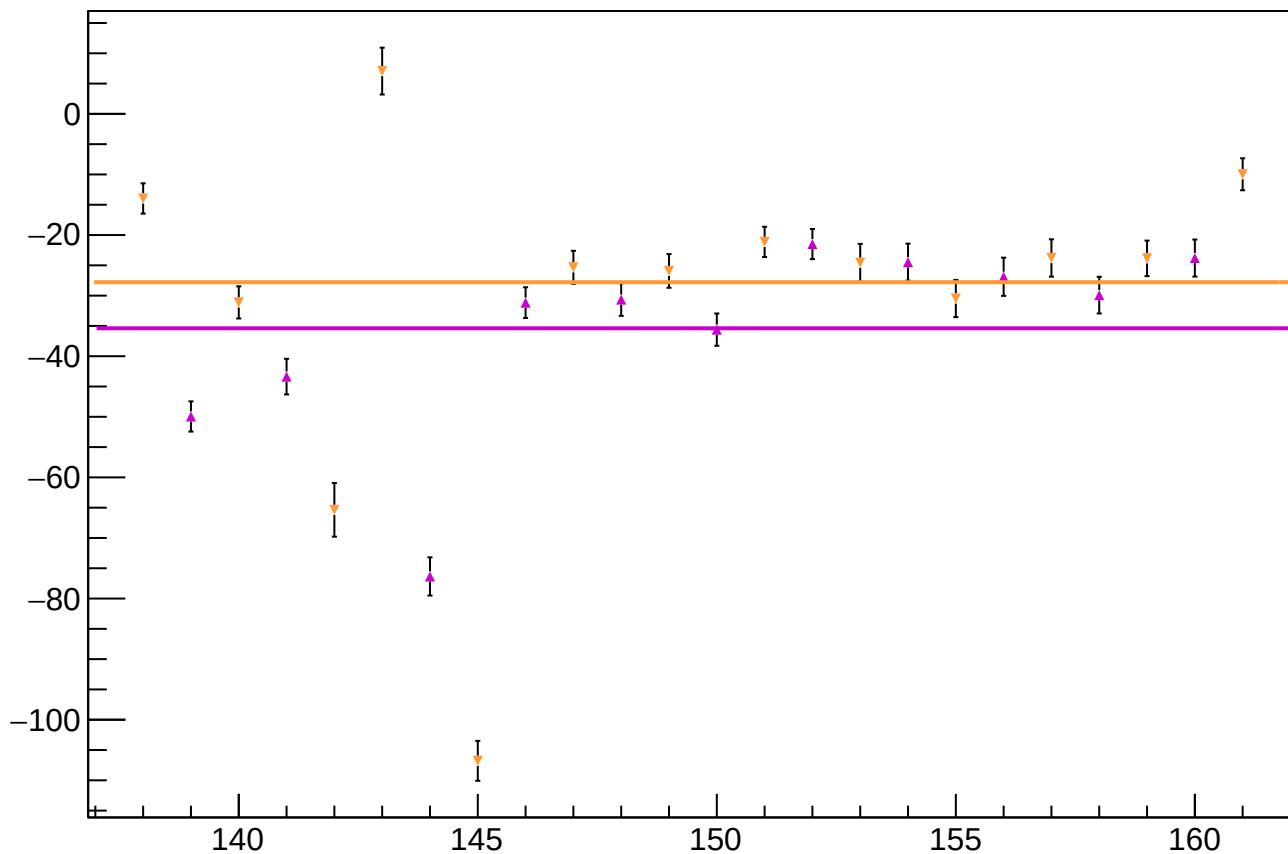
Left In: 0.203 ± 0.007 χ^2/NDF : 287.0/10

+ sign 0.176 ± 0.007 χ^2/NDF : 1708.3/29

All: 0.154 ± 0.005 χ^2/NDF : 3927.3/59

- sign 0.131 ± 0.007 χ^2/NDF : 2195.5/29

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -27.781+/-0.813 χ^2/NDF : 819.1/12

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

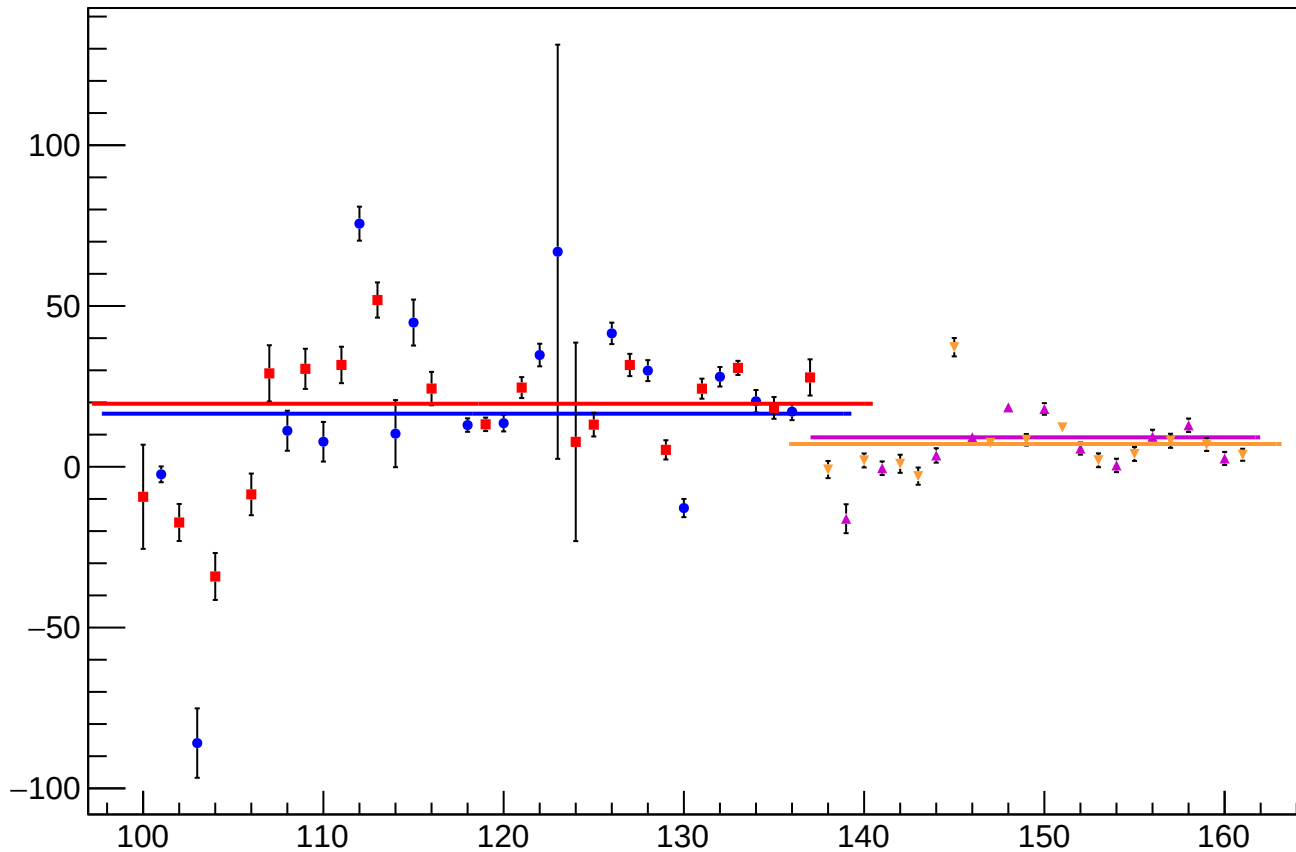
Left In: -35.391+/-0.846 χ^2/NDF : 285.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.435+/-0.586 χ^2/NDF : 1146.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 ± 0.847 χ^2/NDF : 519.6/16

Left Out: 7.087 ± 0.549 χ^2/NDF : 168.7/12

Right Out: 19.604 ± 0.898 χ^2/NDF : 242.0/18

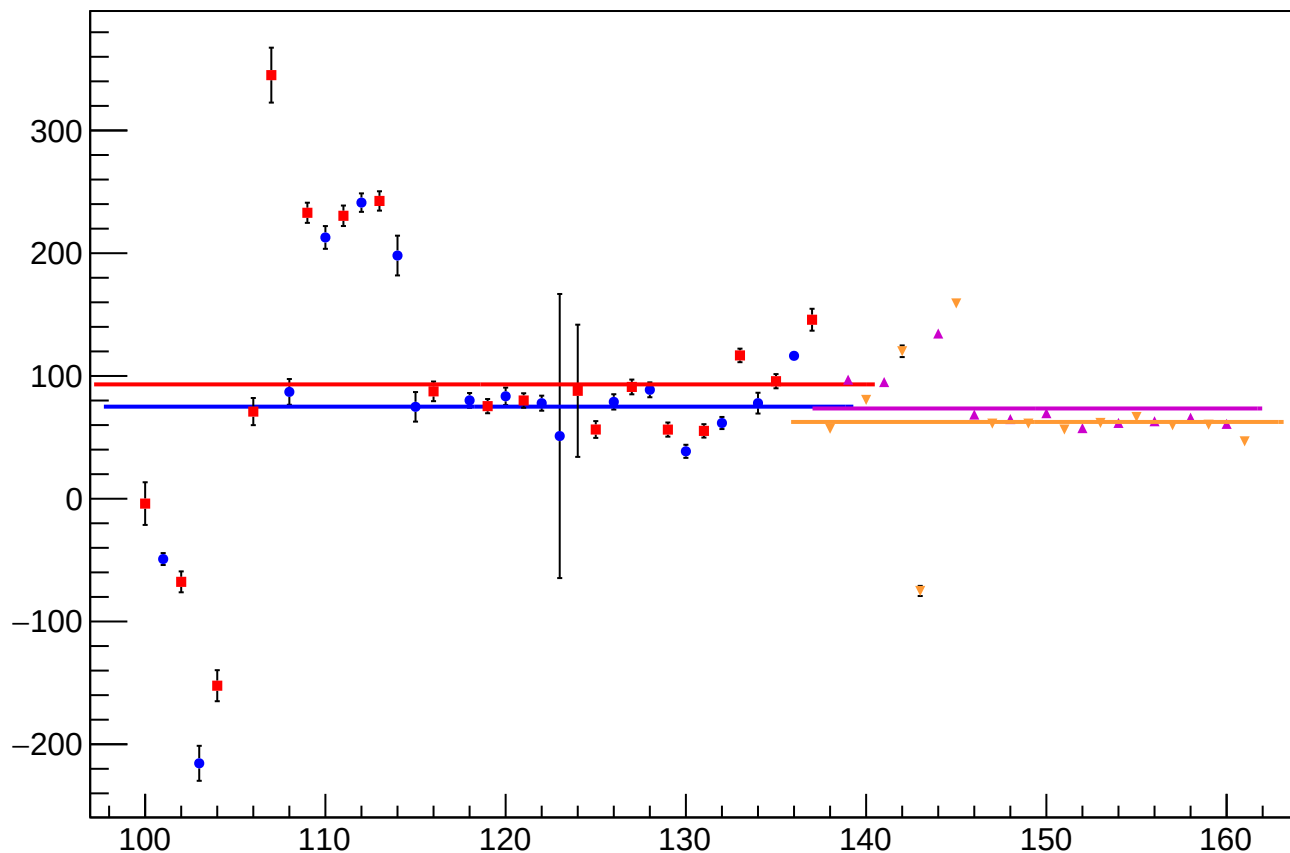
Left In: 9.156 ± 0.576 χ^2/NDF : 168.0/10

+ sign 9.875 ± 0.461 χ^2/NDF : 775.5/29

All: 10.979 ± 0.334 χ^2/NDF : 1293.4/59

- sign 12.202 ± 0.485 χ^2/NDF : 505.8/29

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 62.548 $\pm$ 0.794 χ^2 /NDF: 2151.0/12

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

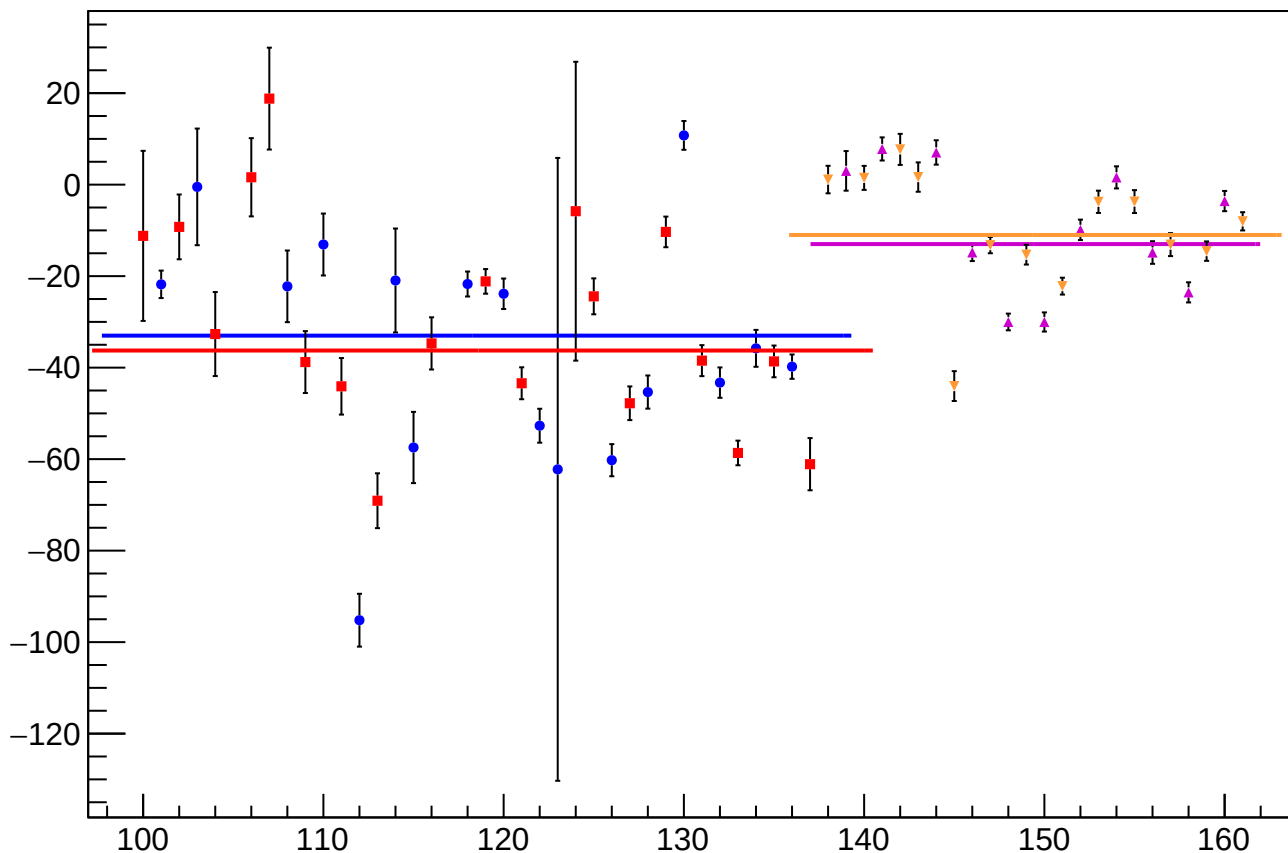
Left In: 73.516 $\pm$ 0.821 χ^2 /NDF: 570.7/10

+ sign 64.924 $\pm$ 0.714 χ^2 /NDF: 4197.3/29

All: 70.839 $\pm$ 0.514 χ^2 /NDF: 7019.4/59

- sign 77.188 $\pm$ 0.740 χ^2 /NDF: 2679.9/29

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -11.001 ± 0.657 χ^2/NDF : 252.8/12

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

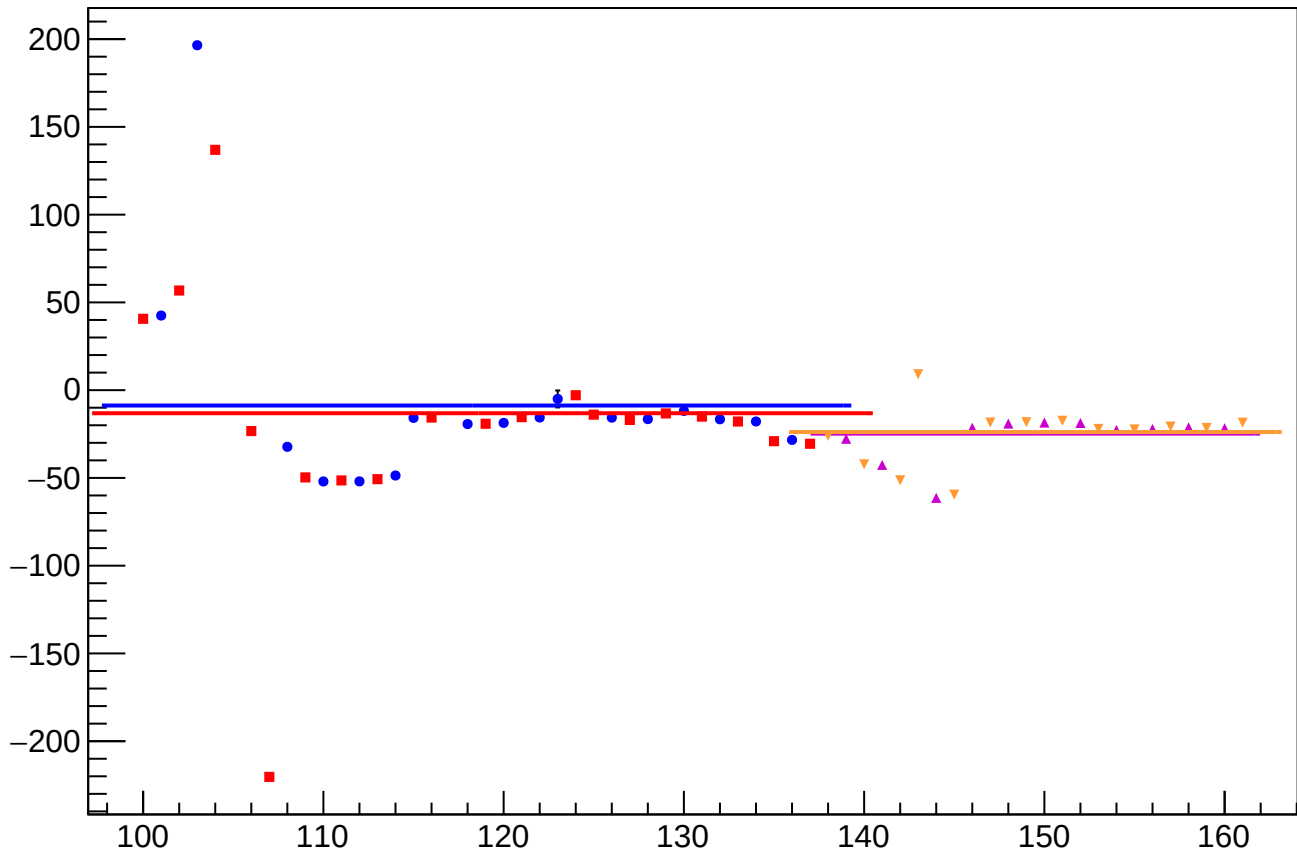
Left In: -12.993 ± 0.690 χ^2/NDF : 371.8/10

+ sign -17.898 ± 0.544 χ^2/NDF : 1097.9/29

All: -19.010 ± 0.394 χ^2/NDF : 2130.1/59

- sign -20.239 ± 0.572 χ^2/NDF : 1023.4/29

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -23.844 ± 0.031 $\chi^2/\text{NDF}: 166722.7/12$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

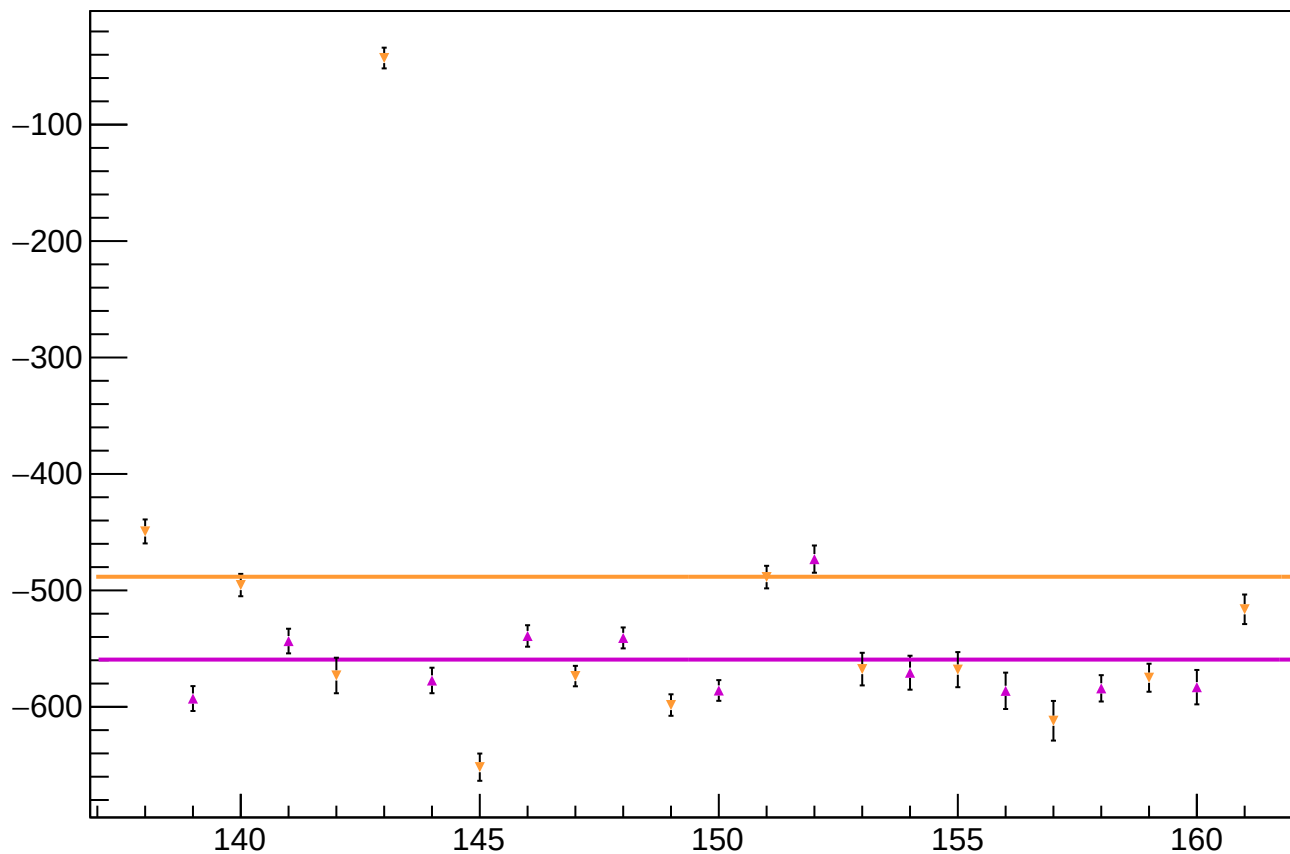
Left In: -24.771 ± 0.032 $\chi^2/\text{NDF}: 96936.6/10$

+ sign -20.564 ± 0.027 $\chi^2/\text{NDF}: 794290.3/29$

All: -21.414 ± 0.020 $\chi^2/\text{NDF}: 1479855.1/59$

- sign -22.322 ± 0.028 $\chi^2/\text{NDF}: 683575.1/29$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -488.277+/-3.072 χ^2/NDF : 3153.2/12

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

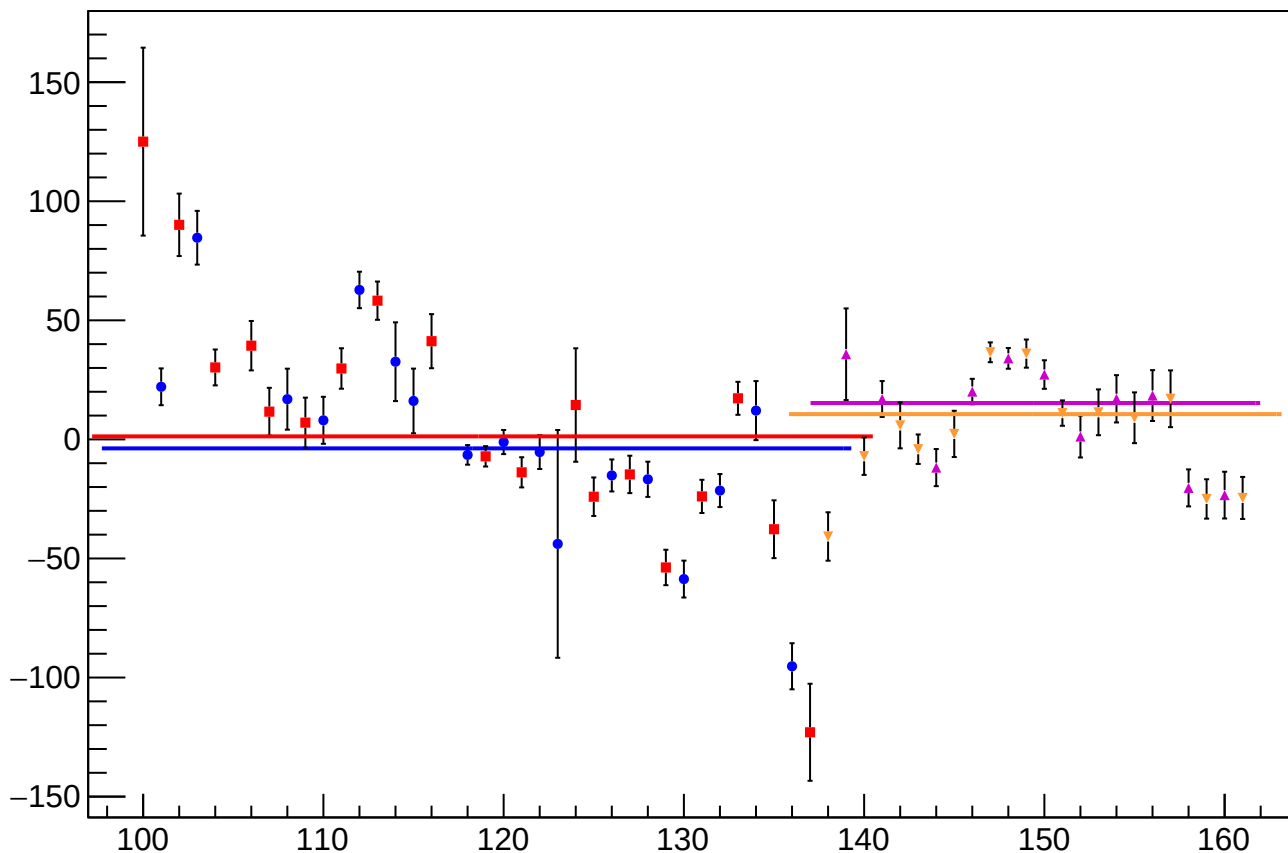
Left In: -559.418+/-3.309 χ^2/NDF : 98.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.216+/-2.251 χ^2/NDF : 3499.6/23

- 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: 10.612 ± 2.004 χ^2/NDF : 129.4/12

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

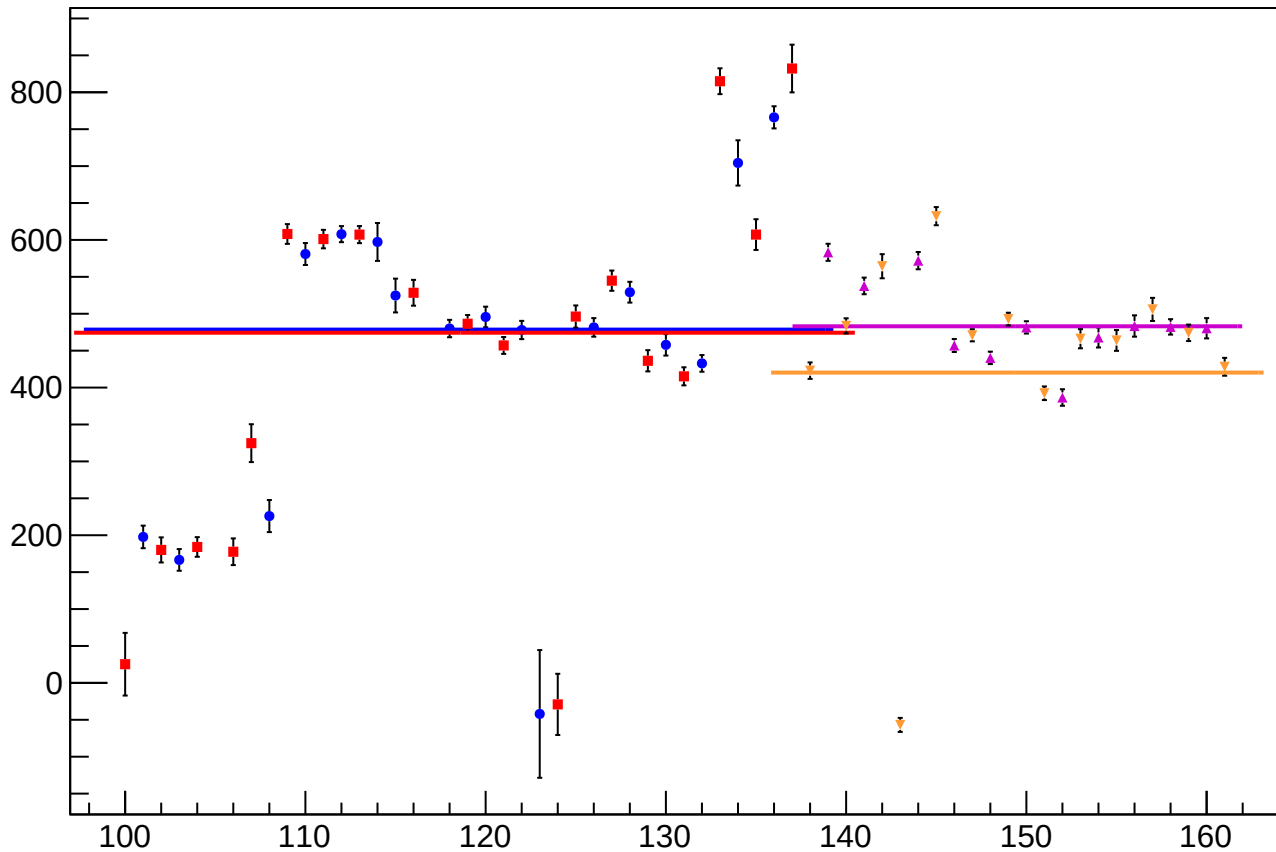
Left In: 15.275 ± 2.177 χ^2/NDF : 75.8/10

+ sign 2.993 ± 1.374 χ^2/NDF : 471.1/29

All: 5.091 ± 0.994 χ^2/NDF : 878.8/59

- sign 7.394 ± 1.440 χ^2/NDF : 402.9/29

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 ± 3.630 $\chi^2/\text{NDF}: 1629.0/16$

Left Out: 420.312 ± 3.029 $\chi^2/\text{NDF}: 3129.5/12$

Right Out: 474.328 ± 3.533 $\chi^2/\text{NDF}: 2287.1/18$

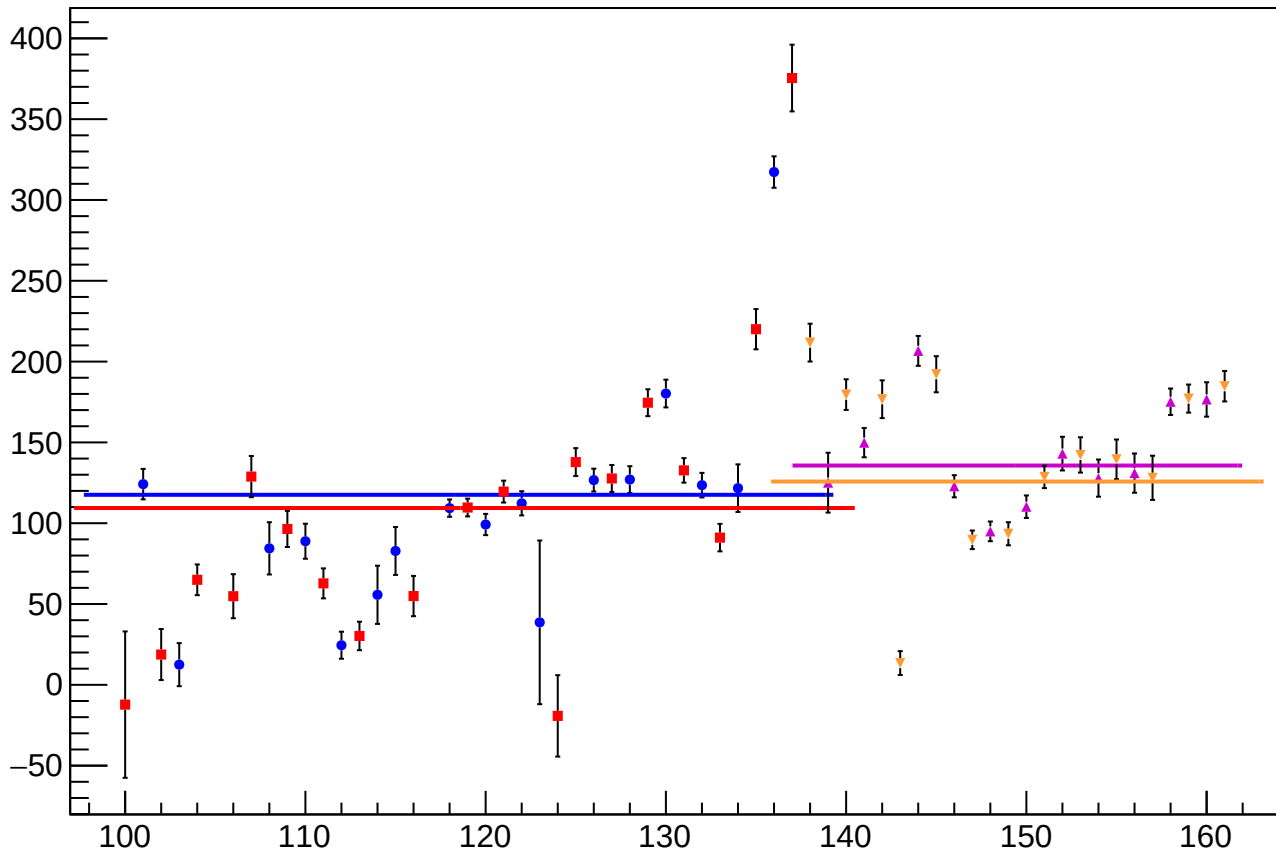
Left In: 483.005 ± 3.215 $\chi^2/\text{NDF}: 266.3/10$

+ sign 444.207 ± 2.326 $\chi^2/\text{NDF}: 4910.1/29$

All: 461.255 ± 1.663 $\chi^2/\text{NDF}: 7576.8/59$

- sign 479.074 ± 2.378 $\chi^2/\text{NDF}: 2556.7/29$

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 $\pm$ 2.193 χ^2 /NDF: 706.9/16

Left Out: 125.774 $\pm$ 2.442 χ^2 /NDF: 508.9/12

Right Out: 109.400 $\pm$ 2.210 χ^2 /NDF: 571.2/18

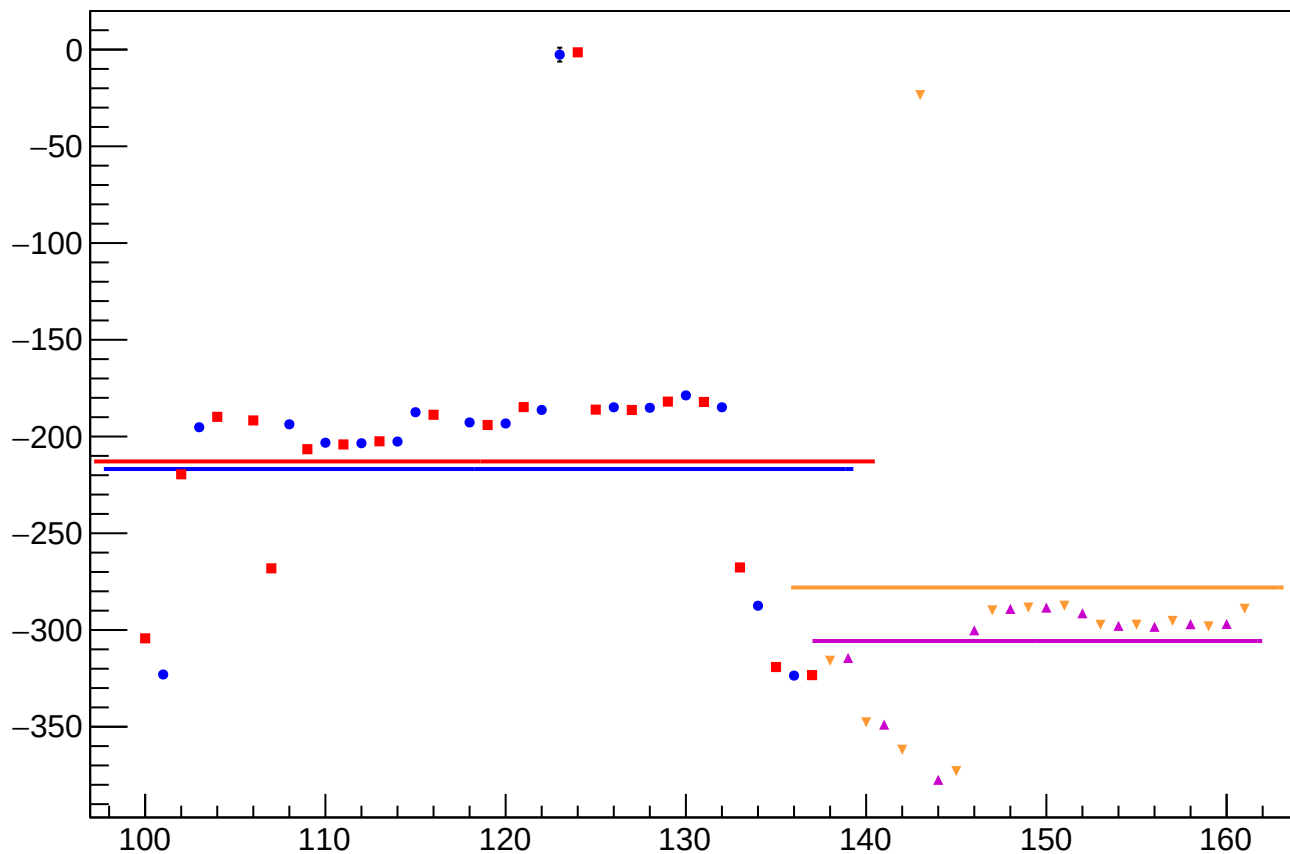
Left In: 135.689 $\pm$ 2.645 χ^2 /NDF: 162.2/10

+ sign 121.240 $\pm$ 1.632 χ^2 /NDF: 1222.1/29

All: 120.742 $\pm$ 1.176 χ^2 /NDF: 2013.8/59

- sign 120.204 $\pm$ 1.696 χ^2 /NDF: 791.6/29

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -278.035 ± 0.122 $\chi^2/\text{NDF}: 544007.5/12$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

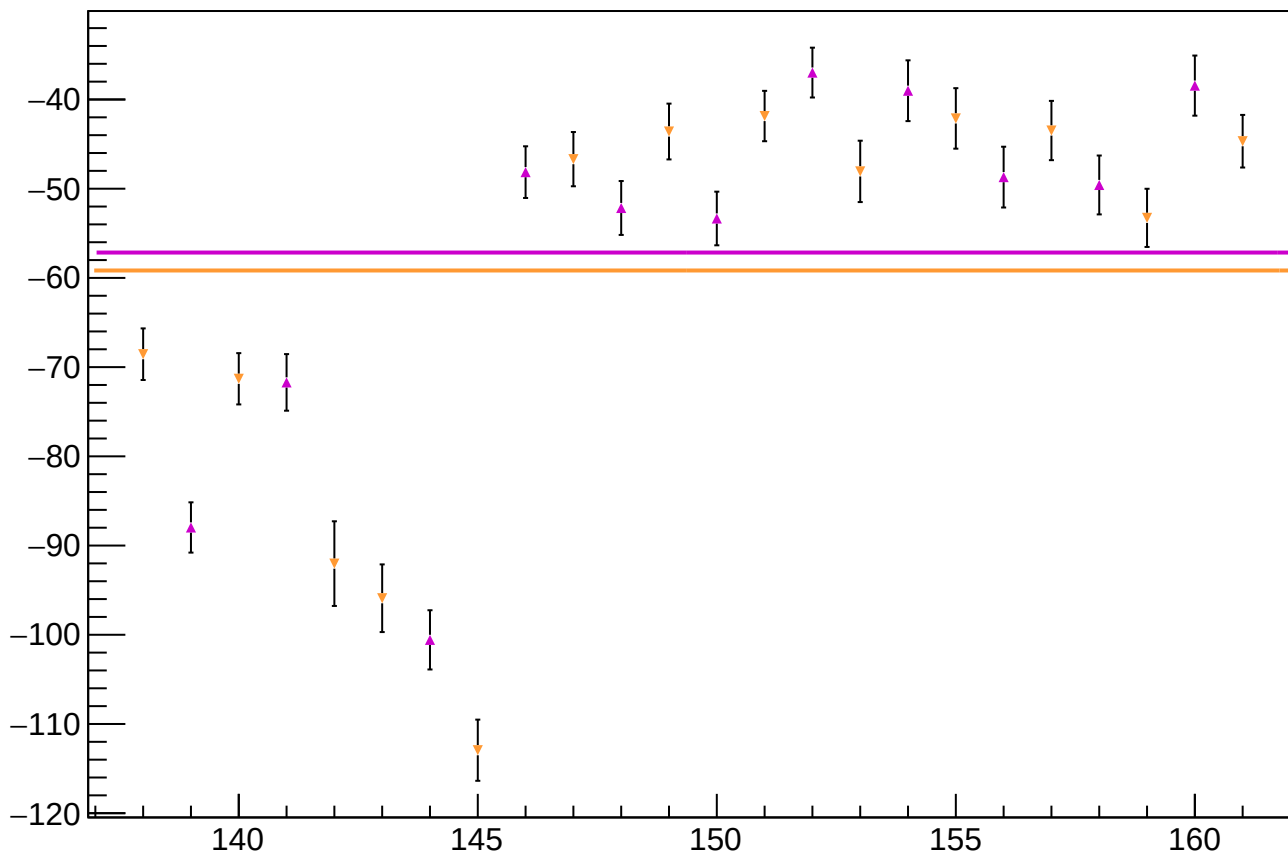
Left In: -305.675 ± 0.128 $\chi^2/\text{NDF}: 36126.8/10$

+ sign -250.659 ± 0.091 $\chi^2/\text{NDF}: 803680.0/29$

All: -255.362 ± 0.064 $\chi^2/\text{NDF}: 1220455.9/59$

- sign -260.115 ± 0.091 $\chi^2/\text{NDF}: 411370.0/29$

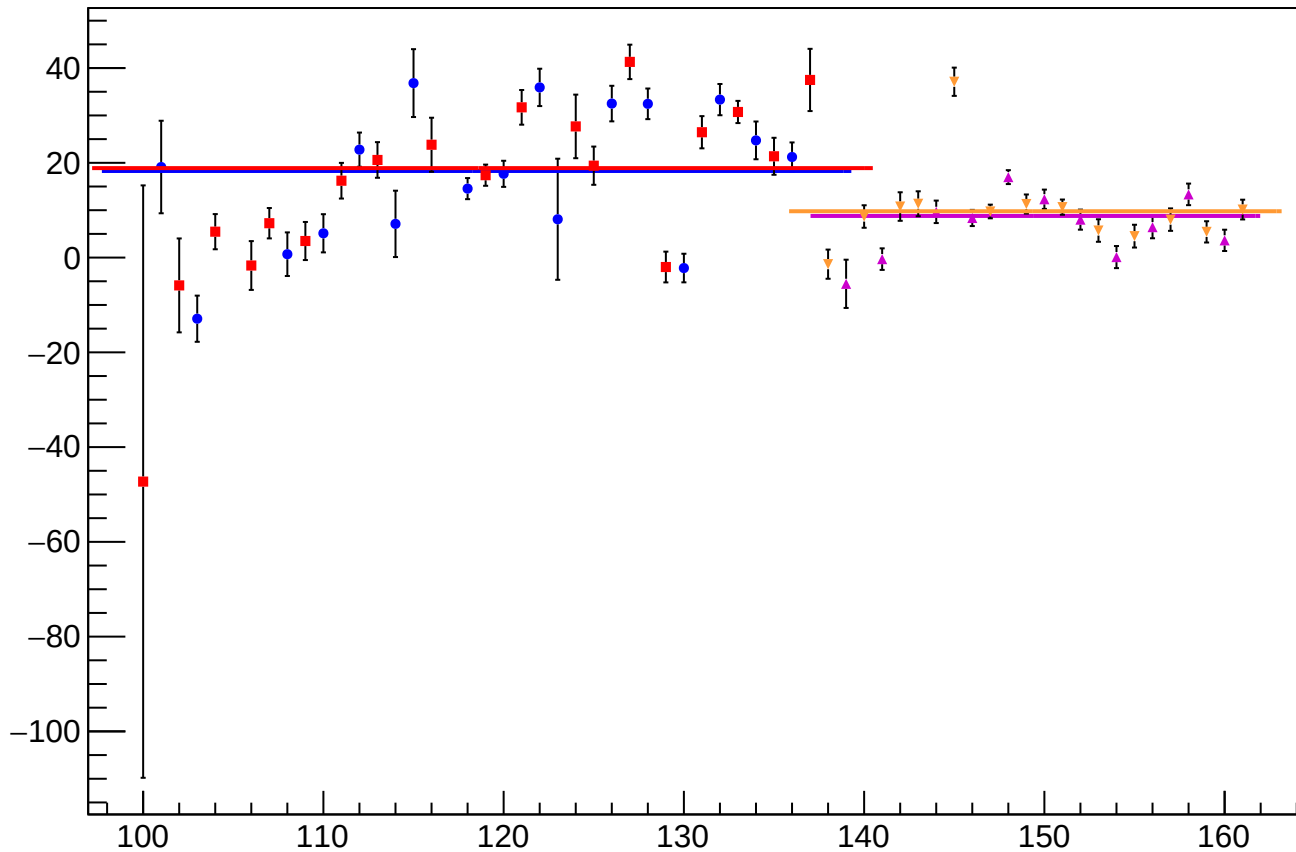
reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -59.168+/-0.896 χ^2/NDF : 580.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.157+/-0.938 χ^2/NDF : 448.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -58.209+/-0.648 χ^2/NDF : 1031.7/23
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: 9.781 $\pm$ 0.606 χ^2 /NDF:110.8/12

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

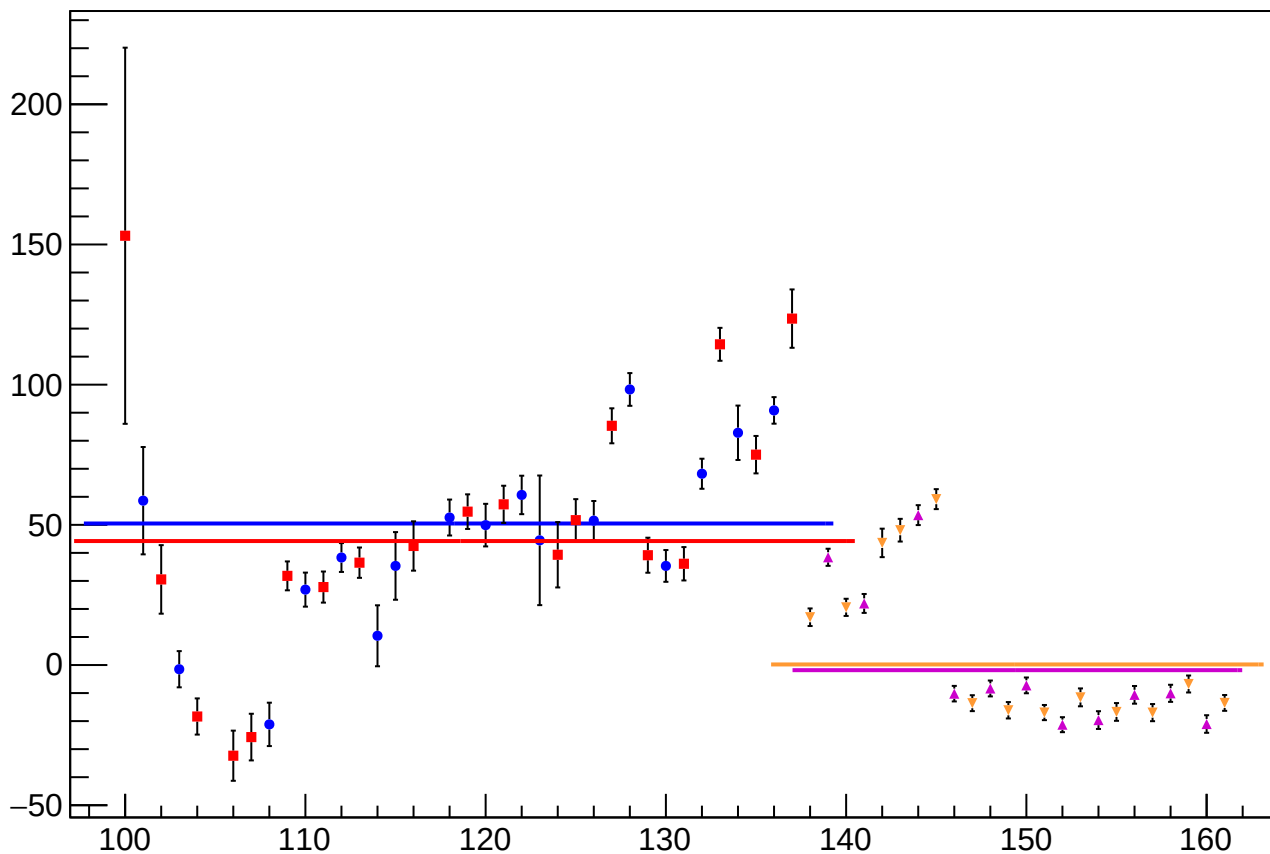
Left In: 8.788 $\pm$ 0.641 χ^2 /NDF:82.5/10

+ sign 12.410 $\pm$ 0.504 χ^2 /NDF: 376.2/29

All: 12.389 $\pm$ 0.360 χ^2 /NDF: 745.2/59

- sign 12.367 $\pm$ 0.515 χ^2 /NDF: 369.0/29

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: 0.209 $\pm$ 0.875 χ^2 /NDF: 758.0/12

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

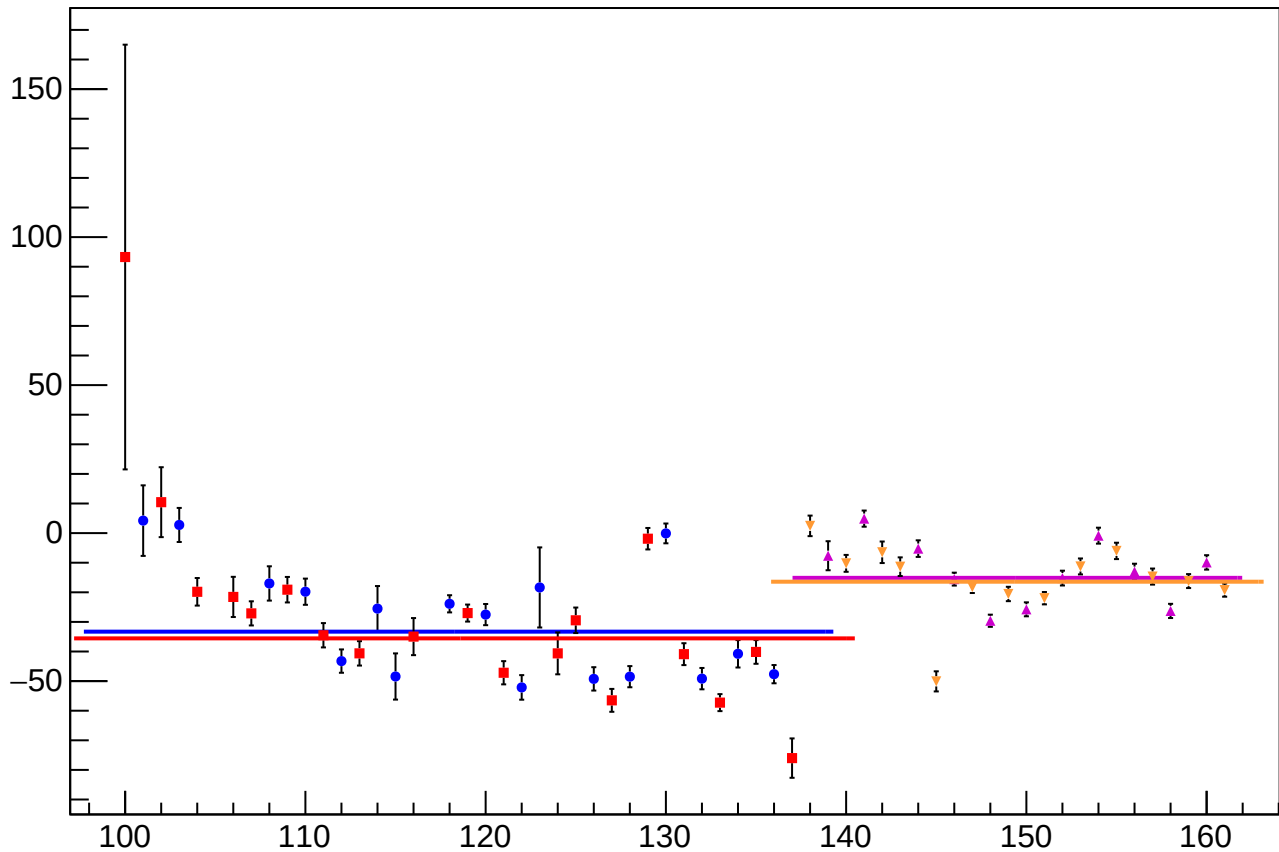
Left In: -1.831 $\pm$ 0.911 χ^2 /NDF: 621.9/10

+ sign 11.068 $\pm$ 0.775 χ^2 /NDF: 1828.1/29

All: 10.259 $\pm$ 0.554 χ^2 /NDF: 3610.8/59

- sign 9.414 $\pm$ 0.792 χ^2 /NDF: 1780.5/29

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.418 ± 0.724 χ^2/NDF : 173.3/12

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

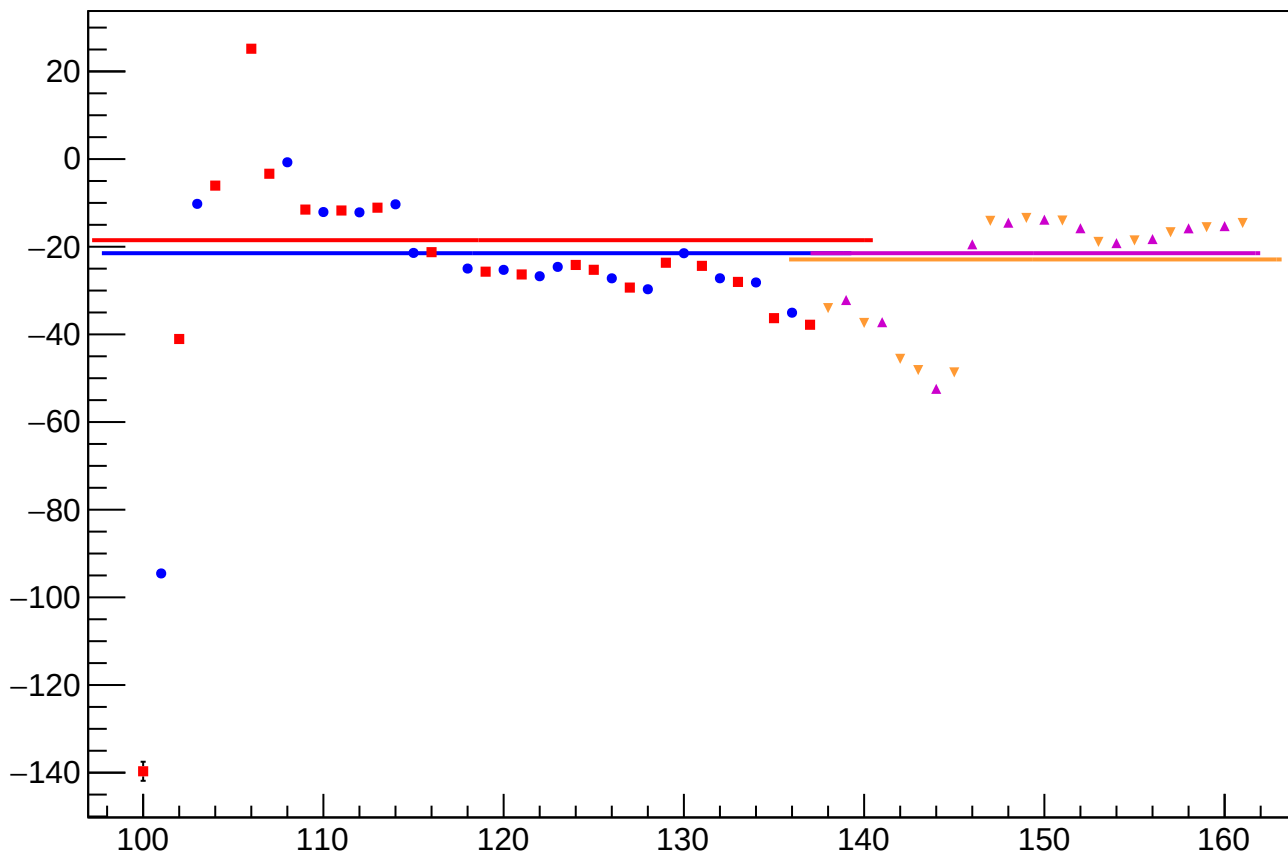
Left In: -15.114 ± 0.765 χ^2/NDF : 193.6/10

+ sign -21.976 ± 0.593 χ^2/NDF : 641.4/29

All: -22.346 ± 0.424 χ^2/NDF : 1389.8/59

- sign -22.733 ± 0.606 χ^2/NDF : 747.6/29

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -22.903 ± 0.034 $\chi^2/\text{NDF}: 123346.4/12$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

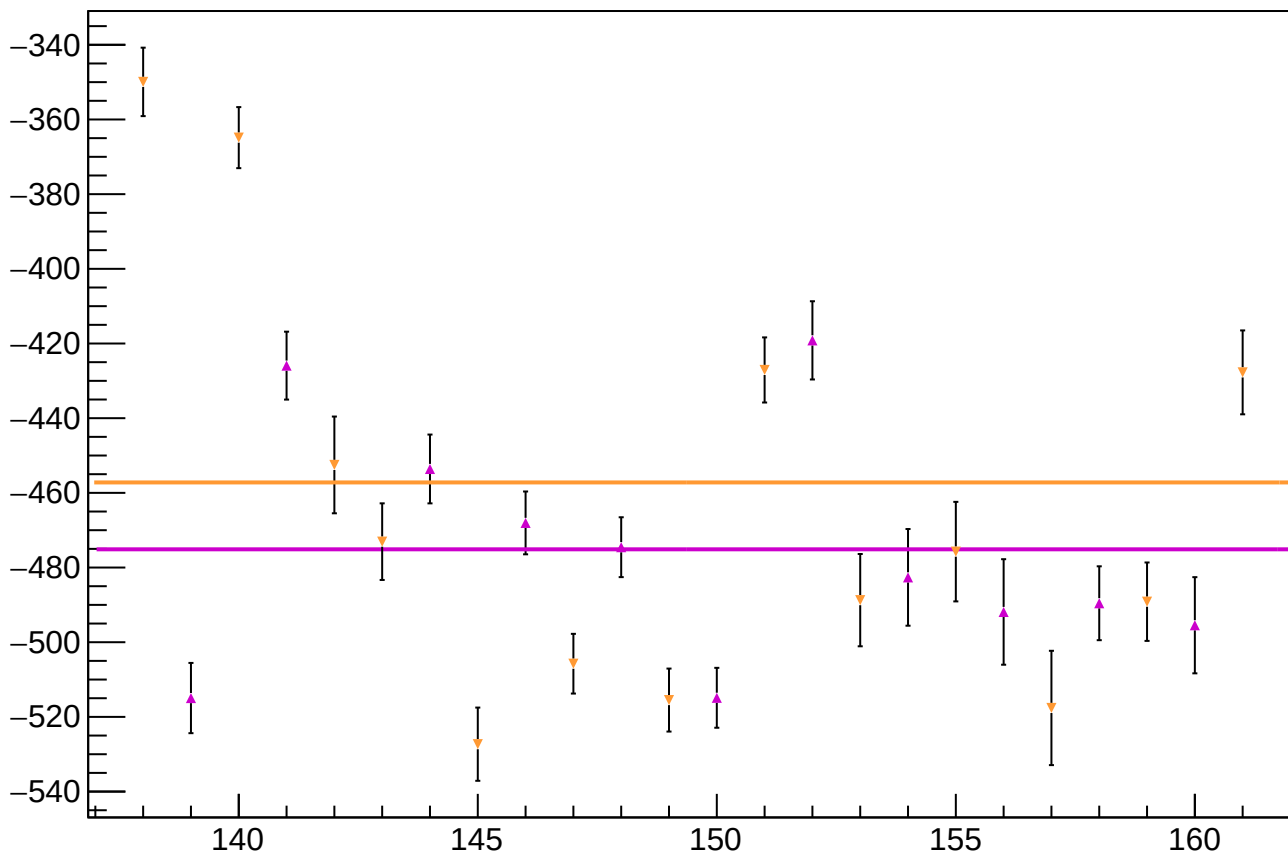
Left In: -21.474 ± 0.035 $\chi^2/\text{NDF}: 80482.5/10$

+ sign -22.542 ± 0.030 $\chi^2/\text{NDF}: 172797.7/29$

All: -21.618 ± 0.021 $\chi^2/\text{NDF}: 337956.2/59$

- sign -20.657 ± 0.030 $\chi^2/\text{NDF}: 163157.8/29$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -457.207+/-2.784 χ^2/NDF : 454.9/12

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

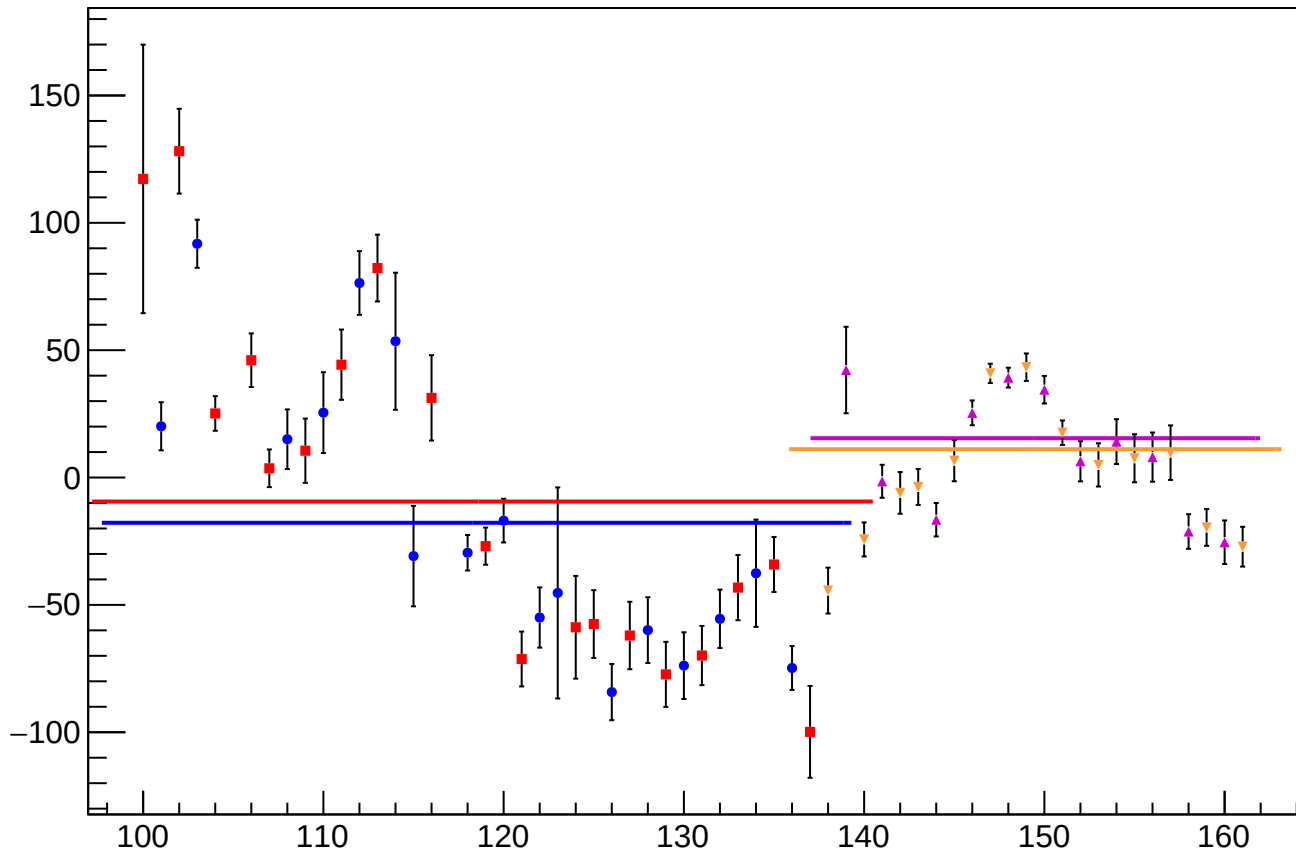
Left In: -475.120+/-2.927 χ^2/NDF : 112.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.716+/-2.017 χ^2/NDF : 587.4/23

- 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: 11.137 ± 1.820 χ^2/NDF : 217.2/12

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

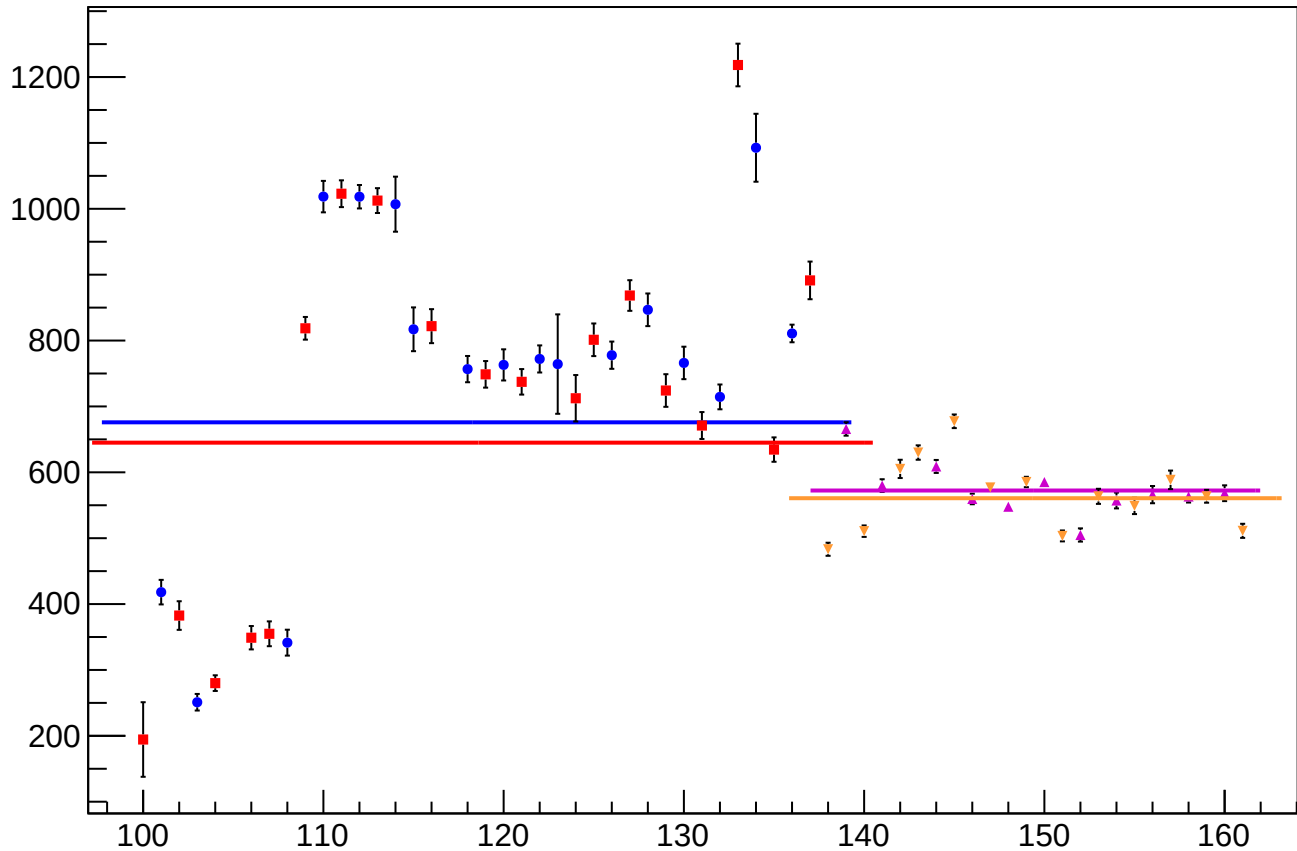
Left In: 15.444 ± 1.932 χ^2/NDF : 140.9/10

+ sign 2.470 ± 1.523 χ^2/NDF : 656.6/29

All: 4.523 ± 1.088 χ^2/NDF : 1229.3/59

- sign 6.659 ± 1.554 χ^2/NDF : 569.0/29

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 ± 5.037 $\chi^2/\text{NDF}: 2586.4/16$

Left Out: 560.691 ± 2.741 $\chi^2/\text{NDF}: 360.1/12$

Right Out: 645.014 ± 4.761 $\chi^2/\text{NDF}: 3123.3/18$

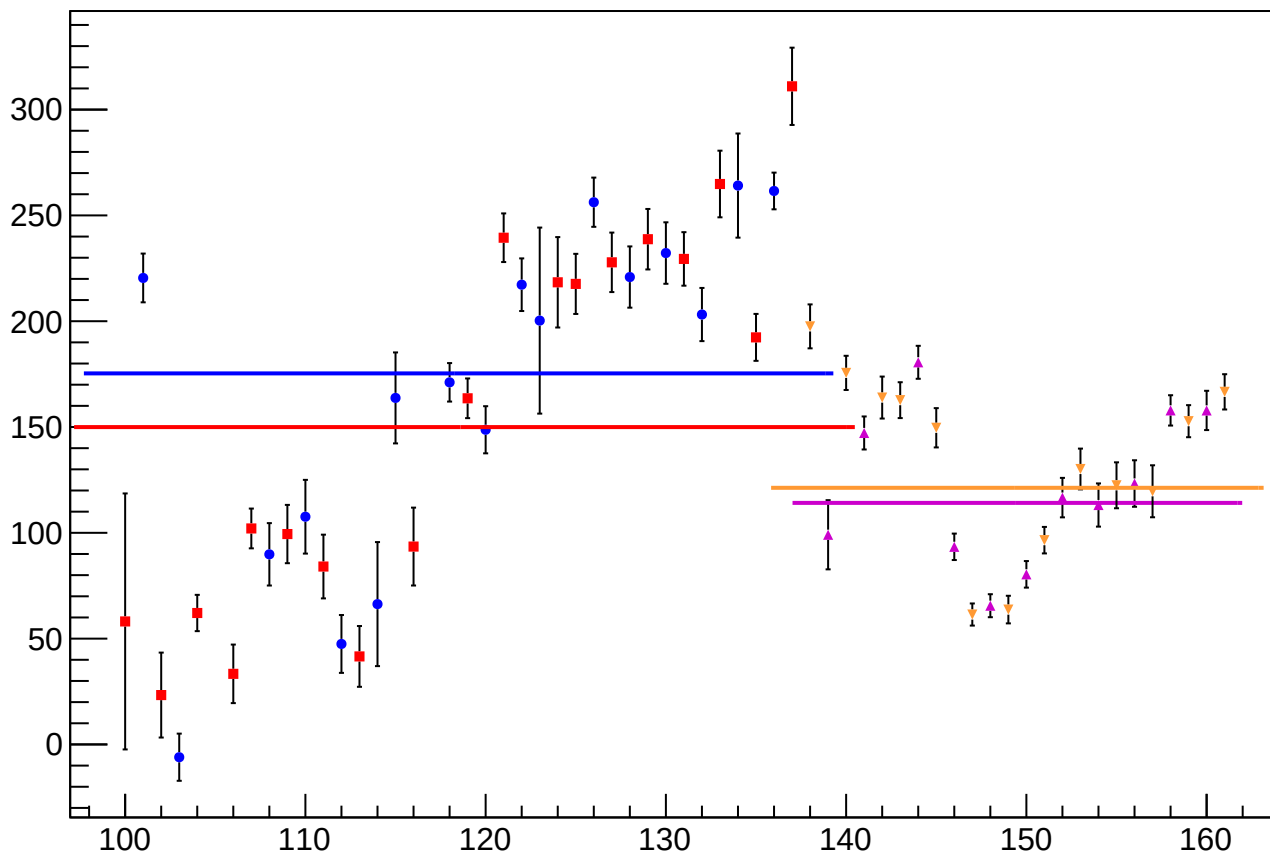
Left In: 572.378 ± 2.849 $\chi^2/\text{NDF}: 162.9/10$

+ sign 587.002 ± 2.407 $\chi^2/\text{NDF}: 3349.9/29$

All: 589.231 ± 1.715 $\chi^2/\text{NDF}: 6809.2/59$

- sign 591.529 ± 2.445 $\chi^2/\text{NDF}: 3457.6/29$

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 121.273 $\pm$ 2.216 χ^2 /NDF:423.3/12

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

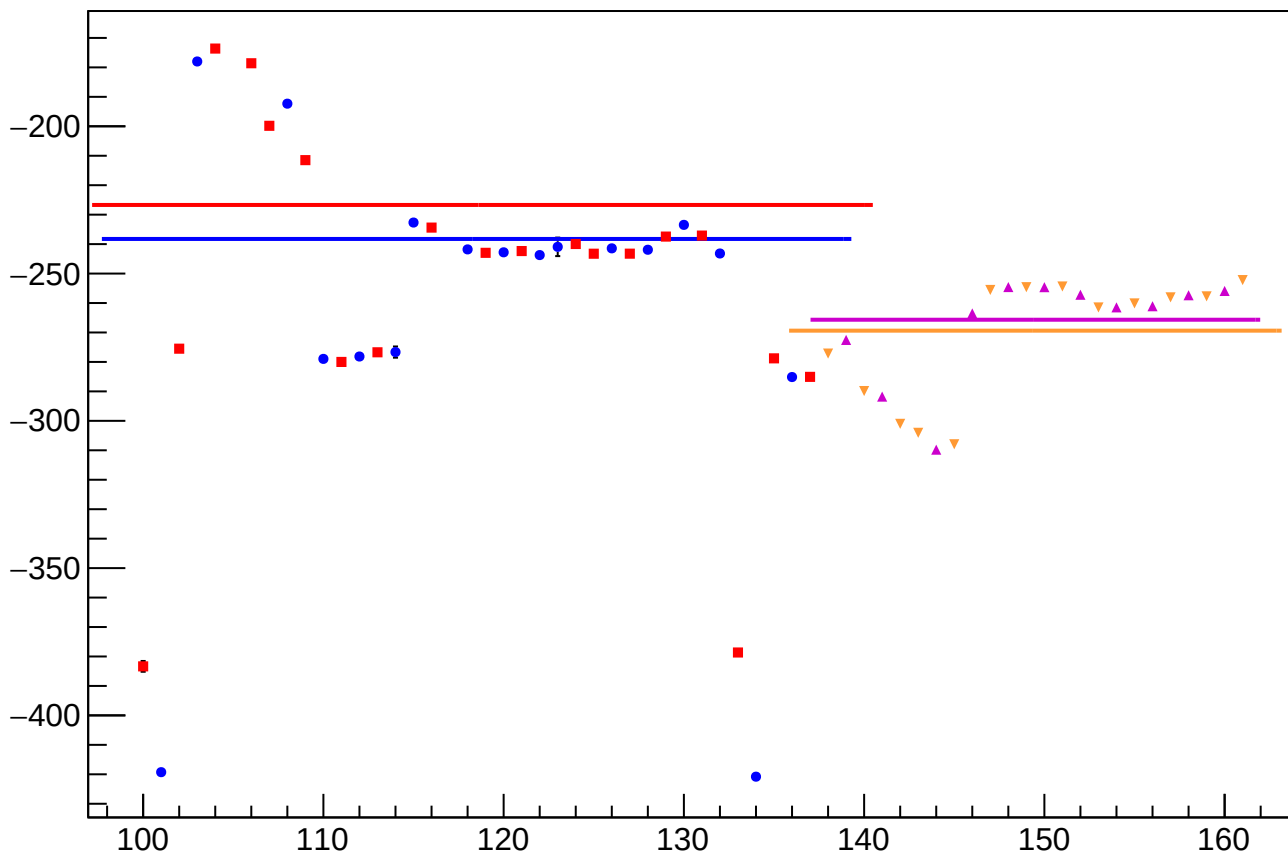
Left In: 114.144 $\pm$ 2.344 χ^2 /NDF:271.6/10

+ sign 138.780 $\pm$ 1.823 χ^2 /NDF: 1254.5/29

All: 133.234 $\pm$ 1.301 χ^2 /NDF: 2325.0/59

- sign 127.474 $\pm$ 1.858 χ^2 /NDF: 1051.7/29

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248 ± 0.160 χ^2/NDF : 167125.9/16

Left Out: -269.381 ± 0.110 χ^2/NDF : 31159.6/12

Right Out: -226.706 ± 0.151 χ^2/NDF : 102831.3/18

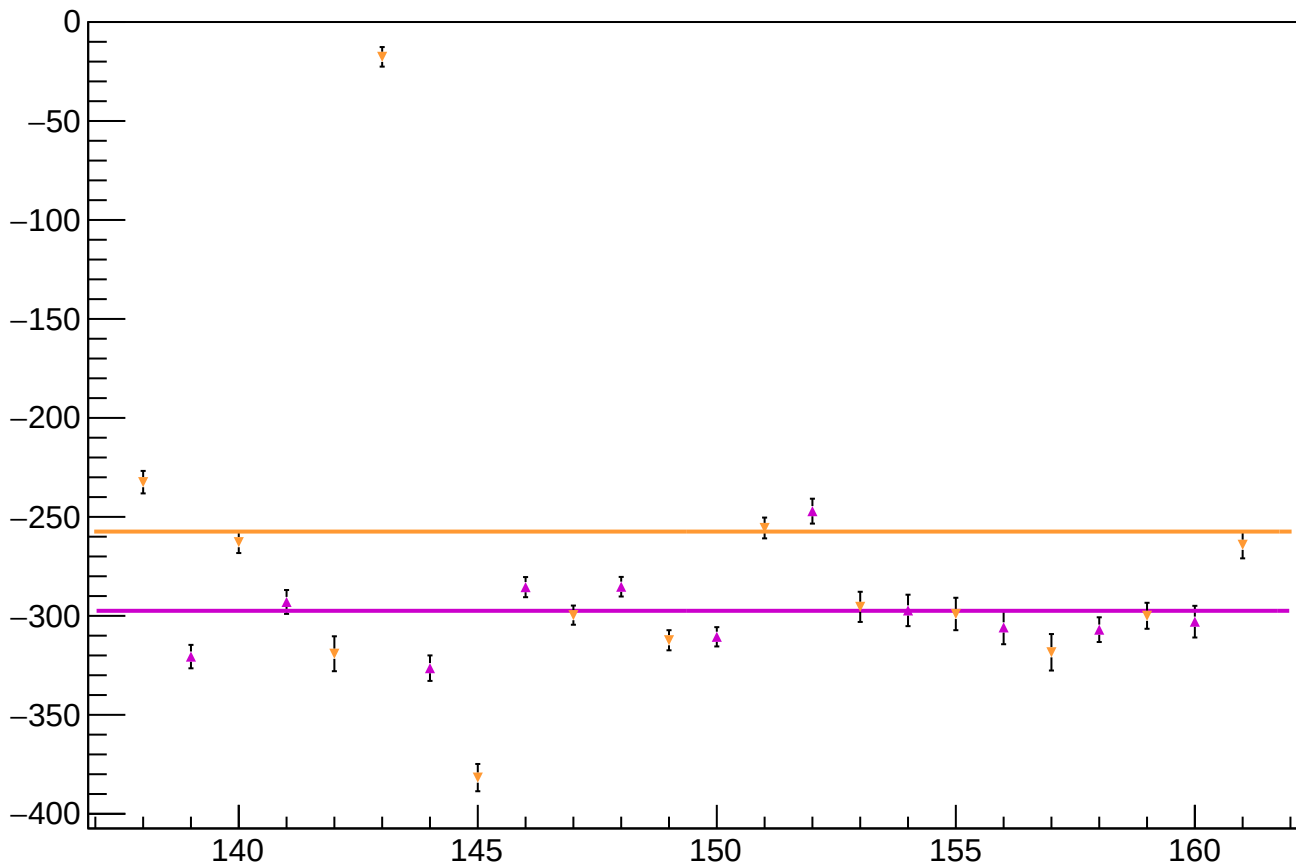
Left In: -265.672 ± 0.113 χ^2/NDF : 19518.3/10

+ sign -259.348 ± 0.091 χ^2/NDF : 223971.4/29

All: -255.498 ± 0.064 χ^2/NDF : 392507.3/59

- sign -251.665 ± 0.091 χ^2/NDF : 164946.8/29

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -257.418+/-1.703 χ^2/NDF : 3075.8/12

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

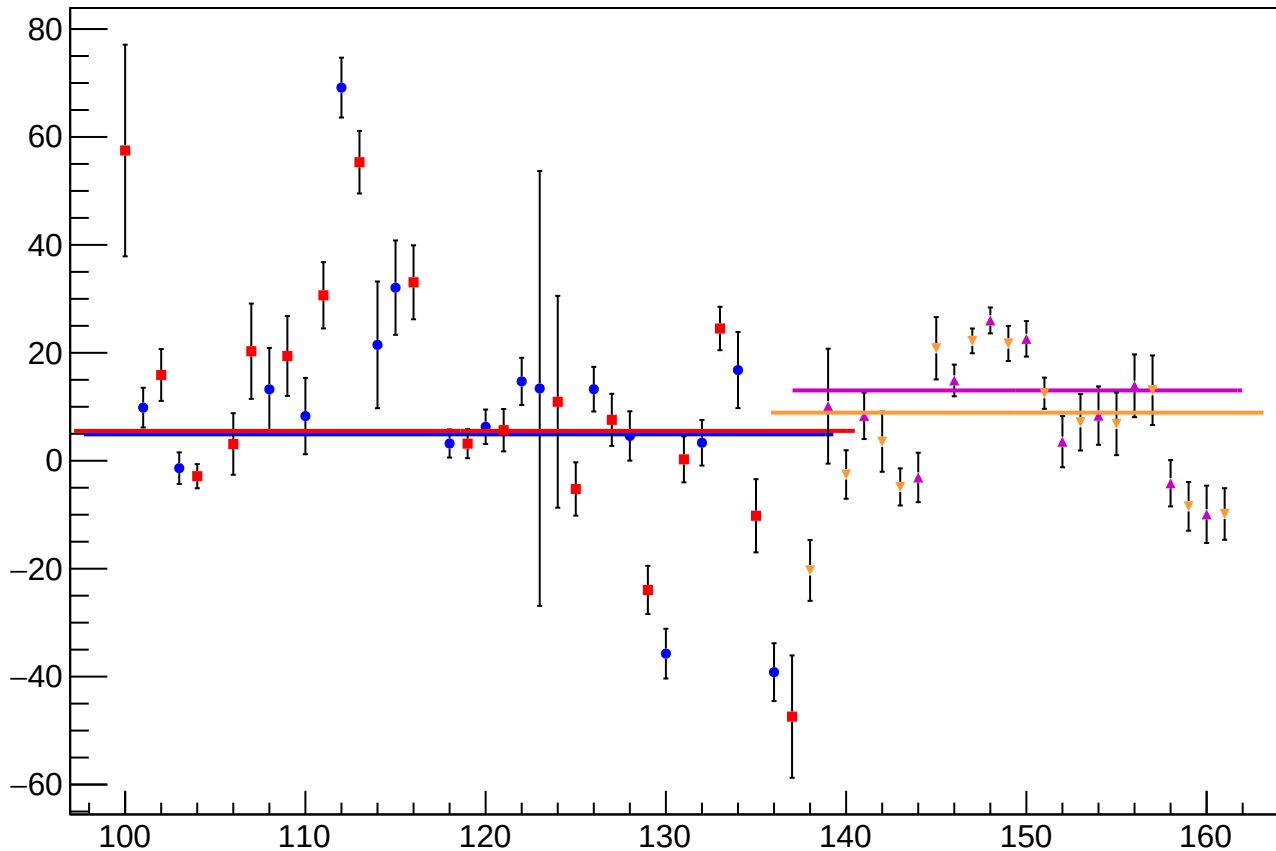
Left In: -297.447+/-1.832 χ^2/NDF : 122.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.970+/-1.247 χ^2/NDF : 3454.7/23

- 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 $\chi^2/\text{NDF}: 312.0/16$

Left Out: 8.911 ± 1.108 $\chi^2/\text{NDF}: 136.1/12$

Right Out: 5.534 ± 1.071 $\chi^2/\text{NDF}: 239.1/18$

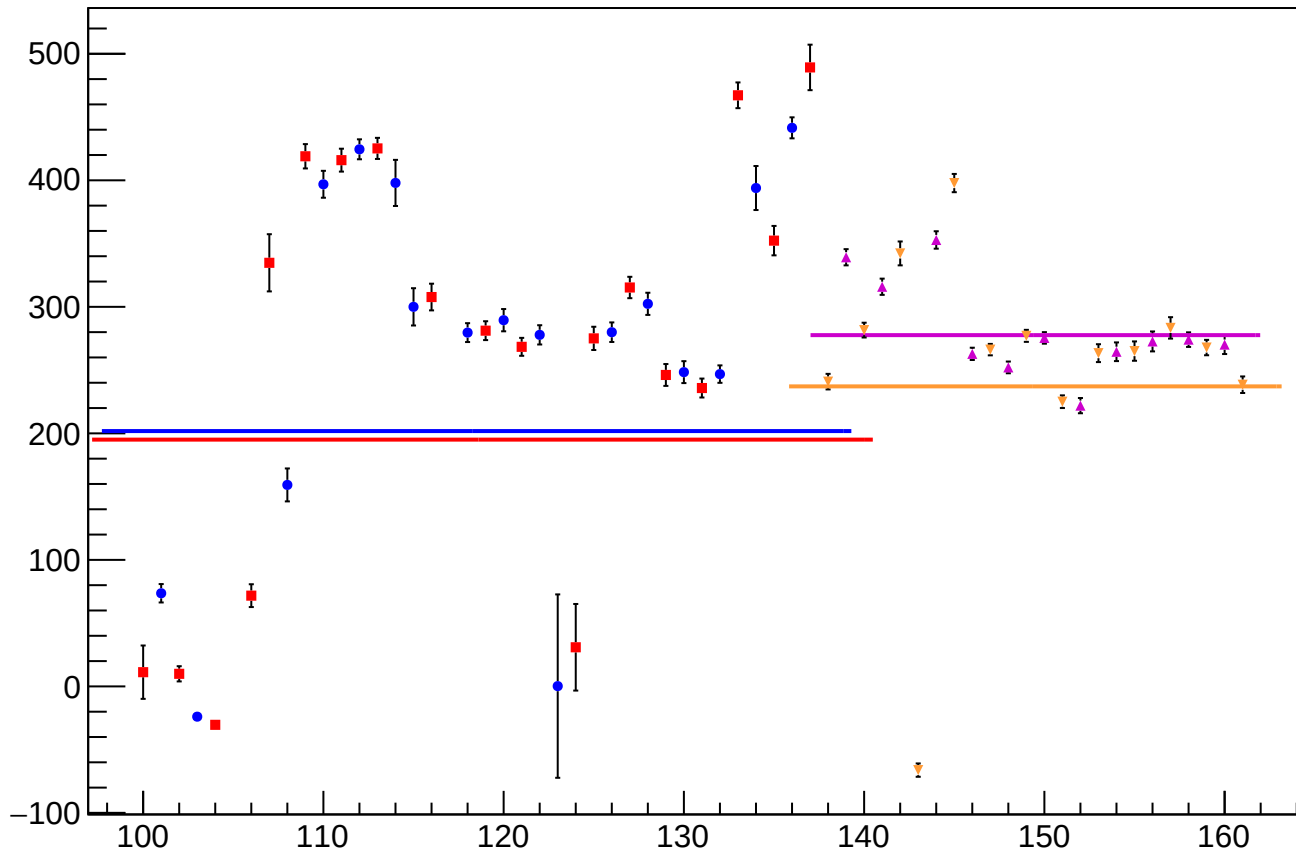
Left In: 13.031 ± 1.203 $\chi^2/\text{NDF}: 91.2/10$

+ sign 6.869 ± 0.777 $\chi^2/\text{NDF}: 454.7/29$

All: 7.830 ± 0.557 $\chi^2/\text{NDF}: 809.9/59$

- sign 8.849 ± 0.800 $\chi^2/\text{NDF}: 352.0/29$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2/NDF : 6754.2/16

Left Out: 237.131 $\pm$ 1.675 χ^2/NDF : 4176.6/12

Right Out: 195.053 $\pm$ 1.924 χ^2/NDF : 8257.1/18

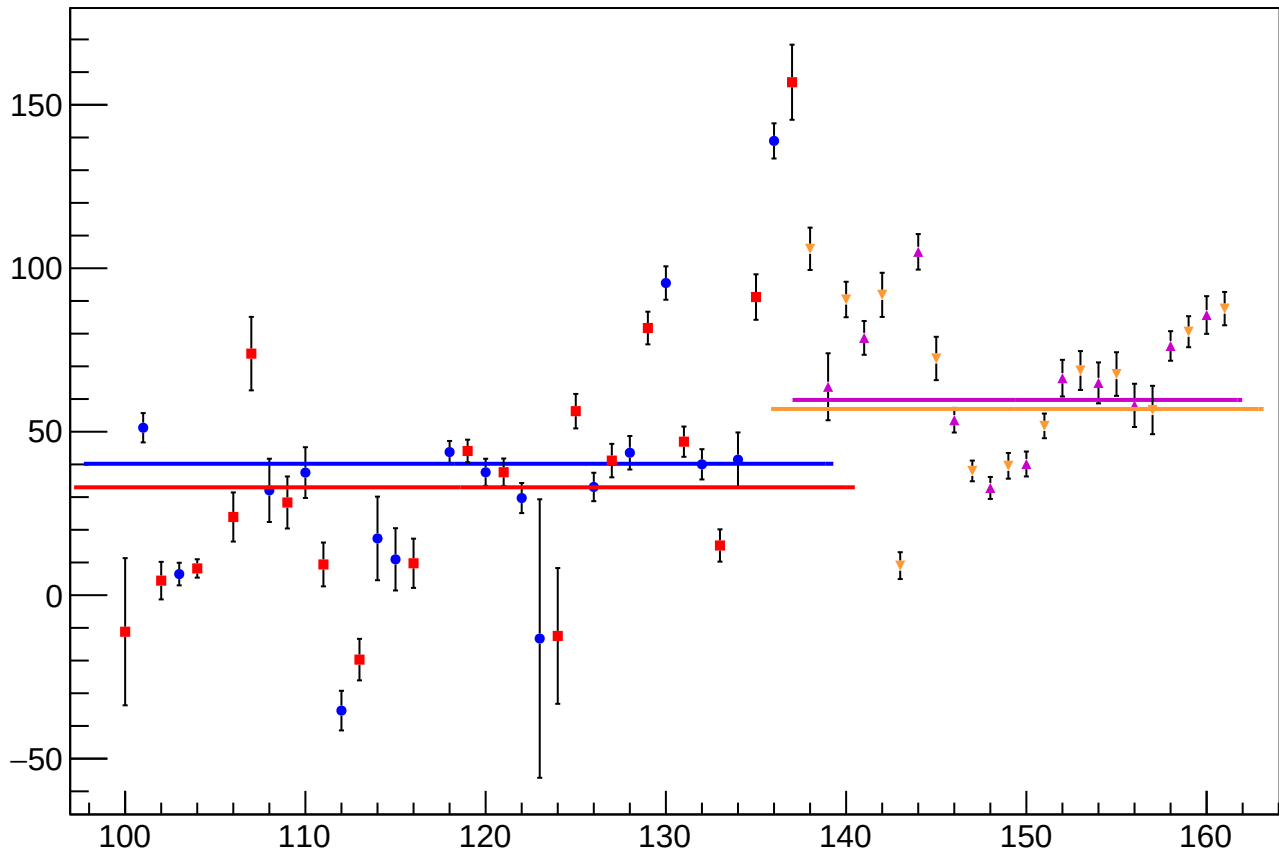
Left In: 277.634 $\pm$ 1.777 χ^2/NDF : 377.4/10

+ sign 222.313 $\pm$ 1.276 χ^2/NDF : 11117.4/29

All: 230.779 $\pm$ 0.913 χ^2/NDF : 20836.0/59

- sign 239.637 $\pm$ 1.305 χ^2/NDF : 9628.6/29

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 56.962 $\pm$ 1.350 χ^2 /NDF:388.2/12

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

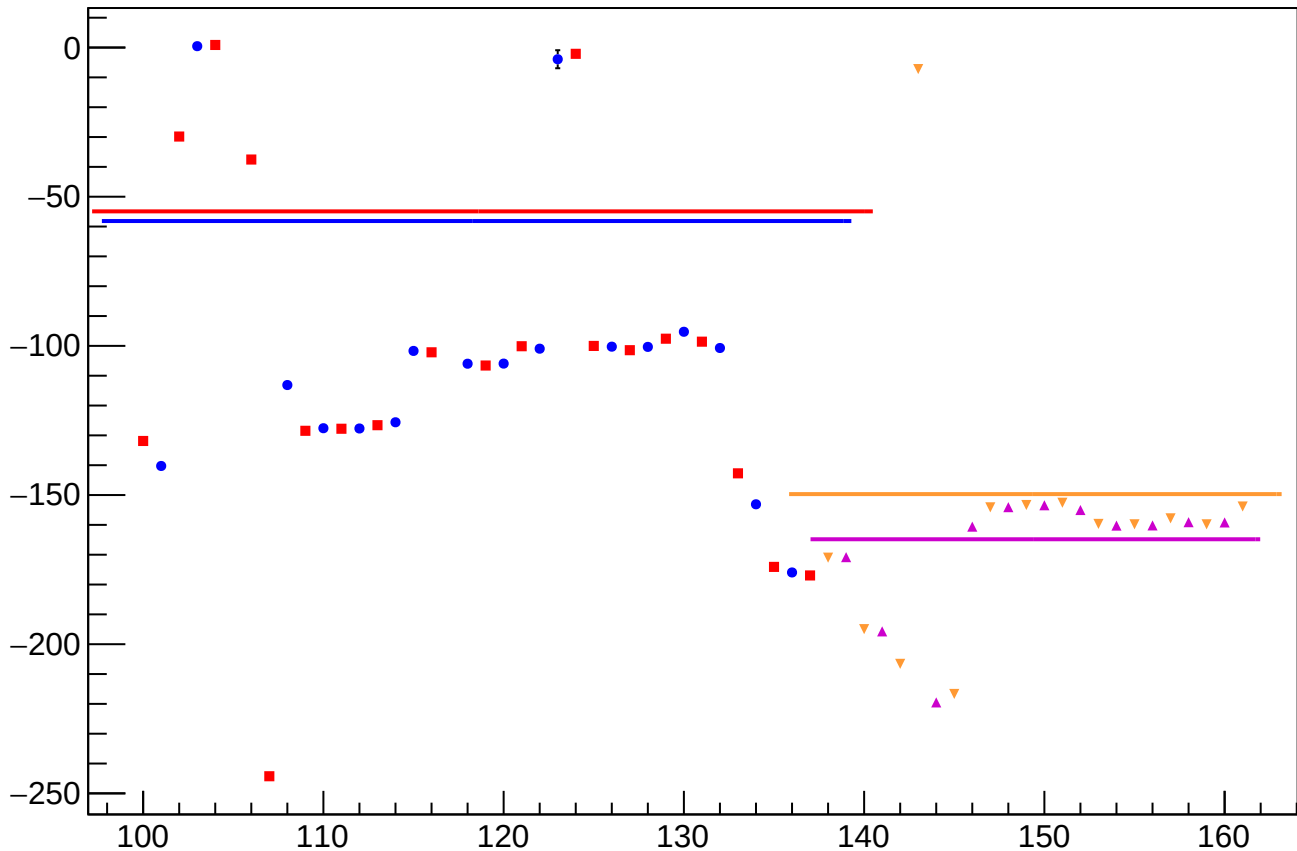
Left In: 59.729 $\pm$ 1.462 χ^2 /NDF:212.1/10

+ sign 48.050 $\pm$ 0.924 χ^2 /NDF: 1205.1/29

All: 46.235 $\pm$ 0.663 χ^2 /NDF: 2172.0/59

- sign 44.312 $\pm$ 0.951 χ^2 /NDF: 958.9/29

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 $\pm$ 0.062 χ^2 /NDF: 1105509.3/16

Left Out: -149.685 $\pm$ 0.067 χ^2 /NDF: 578891.2/12

Right Out: -54.914 $\pm$ 0.060 χ^2 /NDF: 1003885.5/18

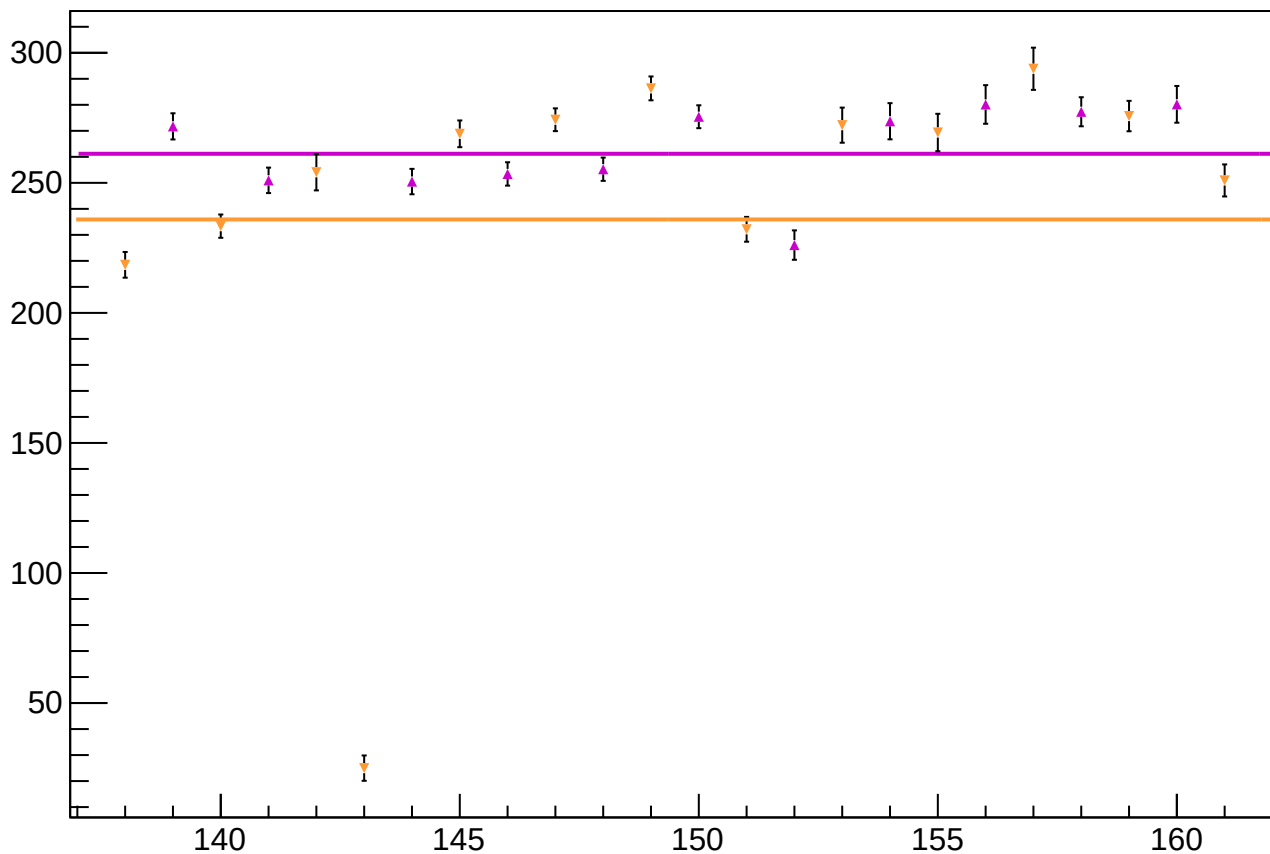
Left In: -164.824 $\pm$ 0.071 χ^2 /NDF: 57908.5/10

+ sign -99.826 $\pm$ 0.045 χ^2 /NDF: 2690409.4/29

All: -100.535 $\pm$ 0.032 χ^2 /NDF: 5157150.2/59

- sign -101.255 $\pm$ 0.046 χ^2 /NDF: 2466250.2/29

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 235.923+/-1.495 χ^2/NDF :2288.6/12

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

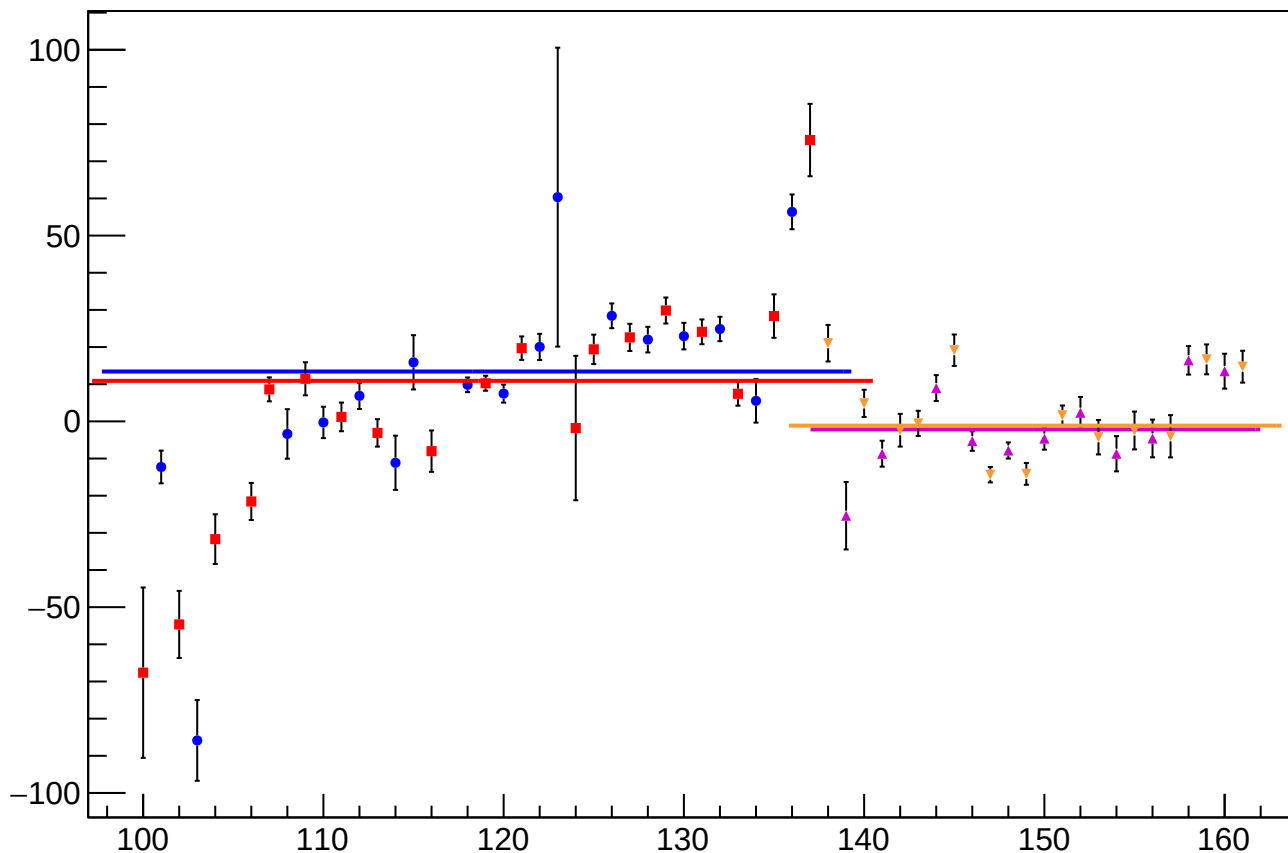
Left In: 261.177+/-1.589 χ^2/NDF :92.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.787+/-1.089 χ^2/NDF : 2515.3/23

- 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: -1.141+/-0.983 χ^2/NDF : 141.3/12

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

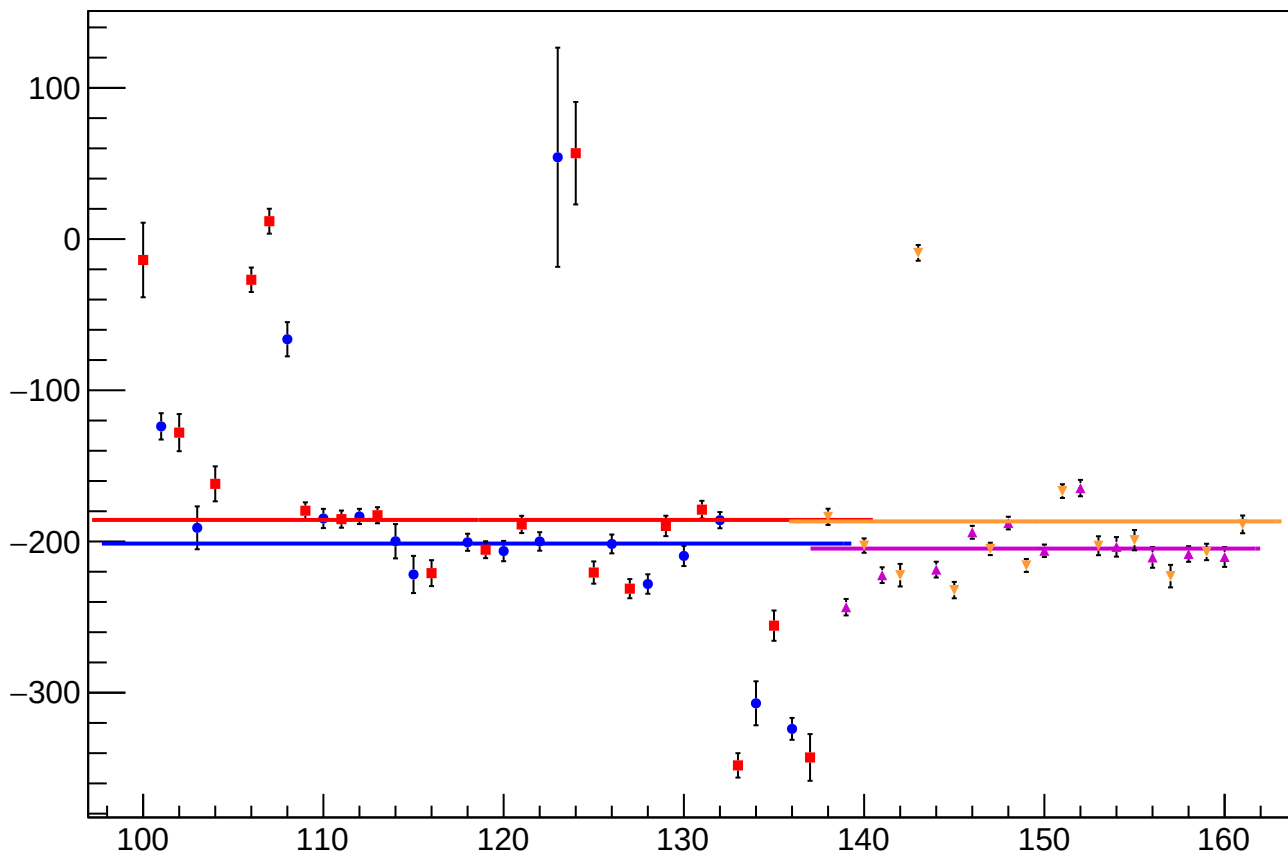
Left In: -2.166+/-1.055 χ^2/NDF : 67.1/10

+ sign 6.627+/-0.672 χ^2/NDF : 553.6/29

All: 5.976+/-0.482 χ^2/NDF : 1012.8/59

- sign 5.285+/-0.692 χ^2/NDF : 457.3/29

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -186.711 ± 1.476 χ^2/NDF : 1404.5/12

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

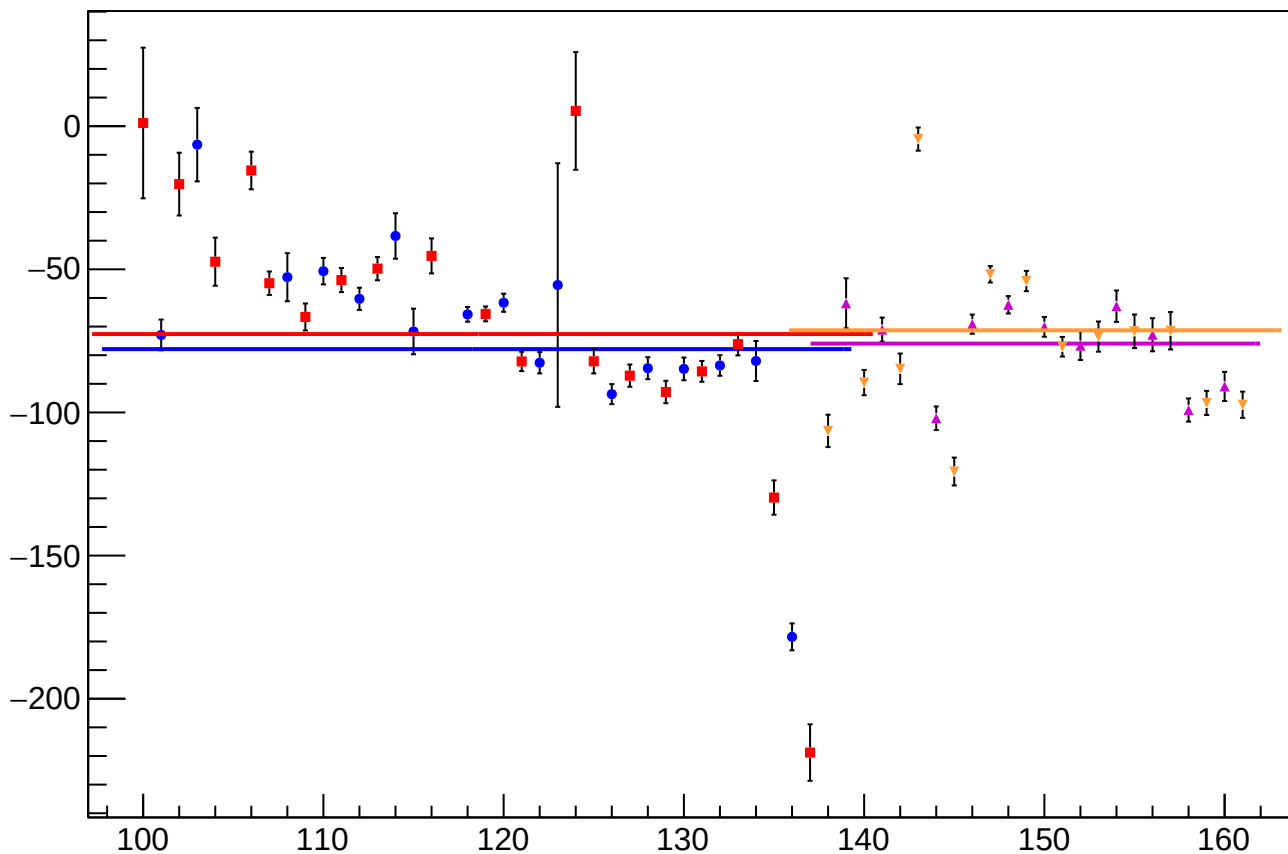
Left In: -204.691 ± 1.548 χ^2/NDF : 148.2/10

+ sign -192.690 ± 1.136 χ^2/NDF : 2068.3/29

All: -194.381 ± 0.806 χ^2/NDF : 4038.2/59

- sign -196.098 ± 1.145 χ^2/NDF : 1965.5/29

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 $\pm$ 1.066 χ^2/NDF : 658.2/16

Left Out: -71.307 $\pm$ 1.195 χ^2/NDF : 579.1/12

Right Out: -72.612 $\pm$ 1.054 χ^2/NDF : 606.9/18

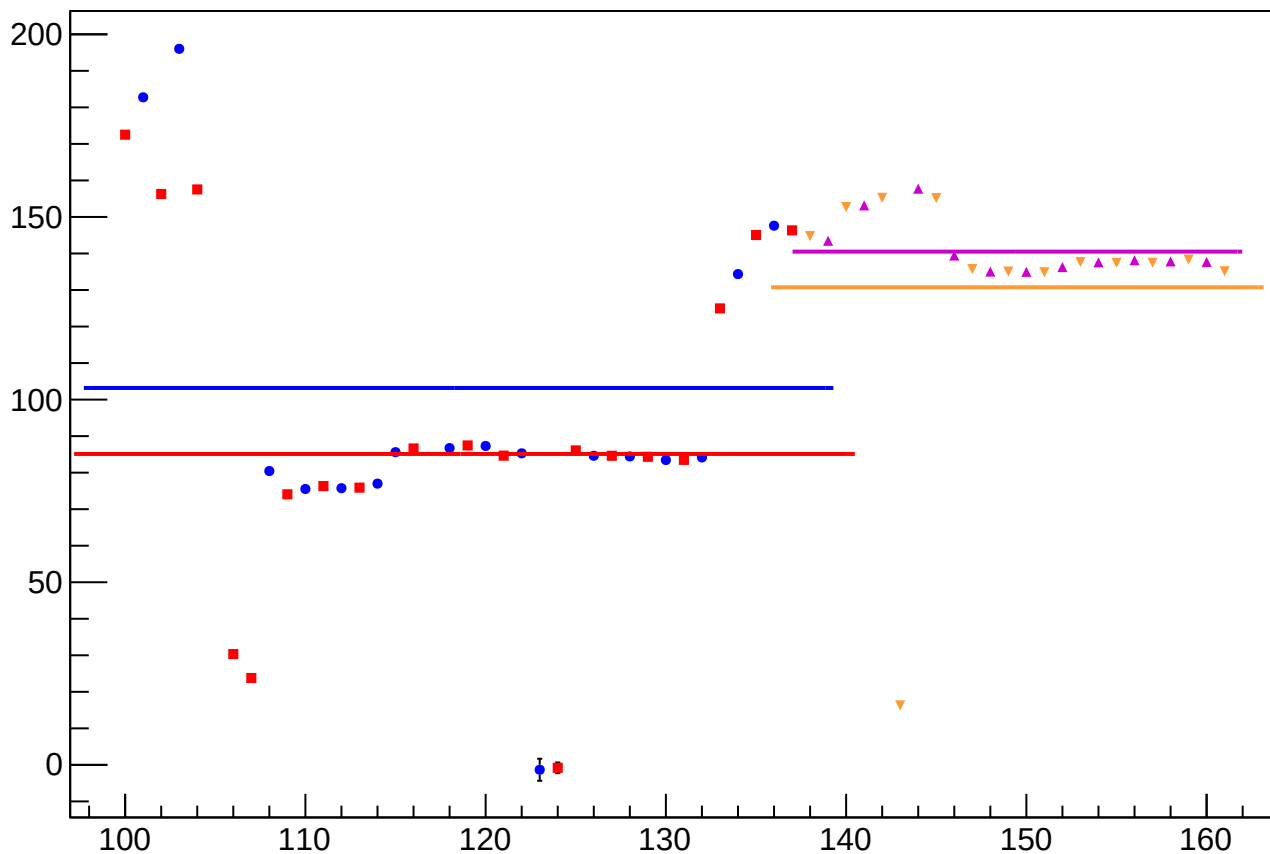
Left In: -75.948 $\pm$ 1.278 χ^2/NDF : 118.2/10

+ sign -74.967 $\pm$ 0.795 χ^2/NDF : 1254.1/29

All: -74.476 $\pm$ 0.569 χ^2/NDF : 1984.0/59

- sign -73.962 $\pm$ 0.813 χ^2/NDF : 729.1/29

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 130.746 $\pm$ 0.059 χ^2 /NDF: 344326.1/12

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

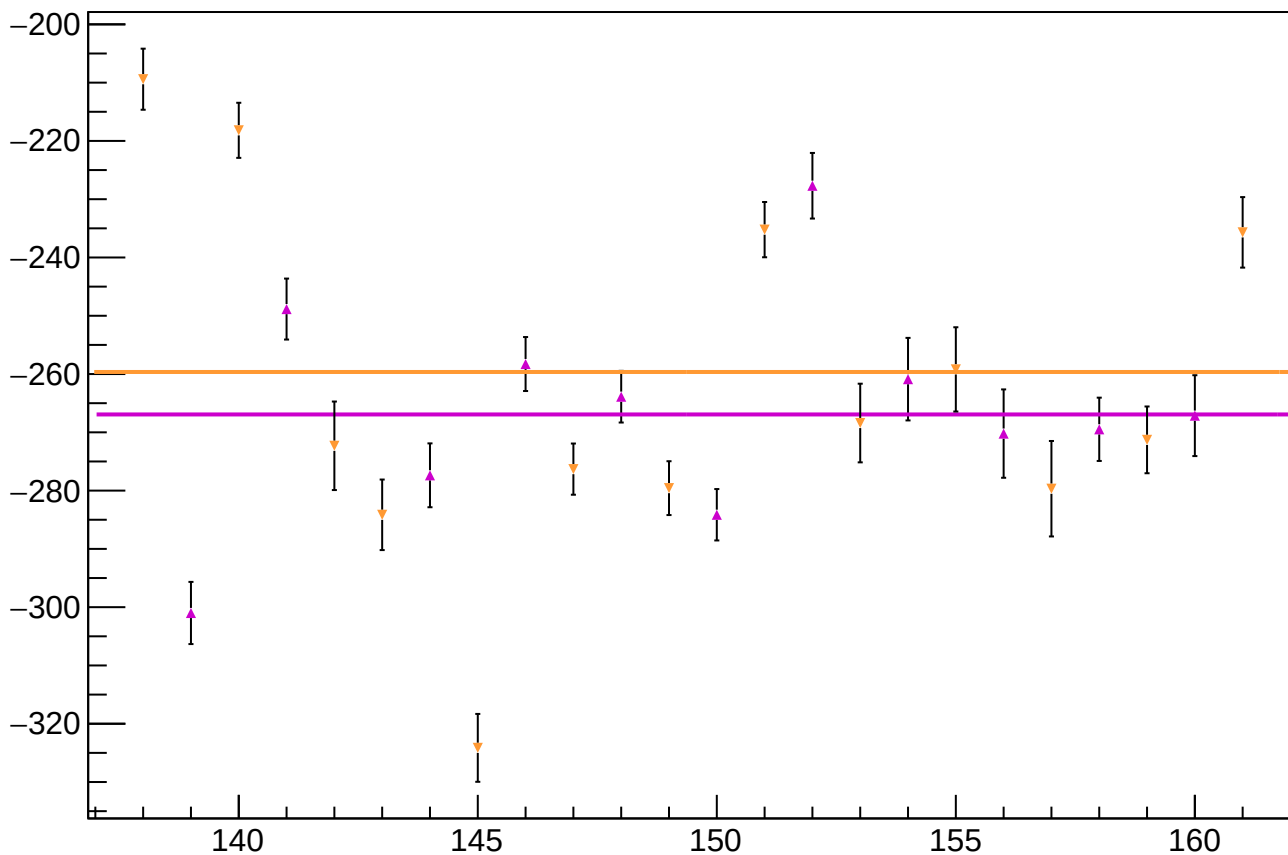
Left In: 140.509 $\pm$ 0.061 χ^2 /NDF: 12511.2/10

+ sign 119.302 $\pm$ 0.045 χ^2 /NDF: 707680.0/29

All: 116.485 $\pm$ 0.032 χ^2 /NDF: 1542401.4/59

- sign 113.799 $\pm$ 0.044 χ^2 /NDF: 827175.8/29

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -259.645+/-1.557 χ^2/NDF : 397.8/12

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

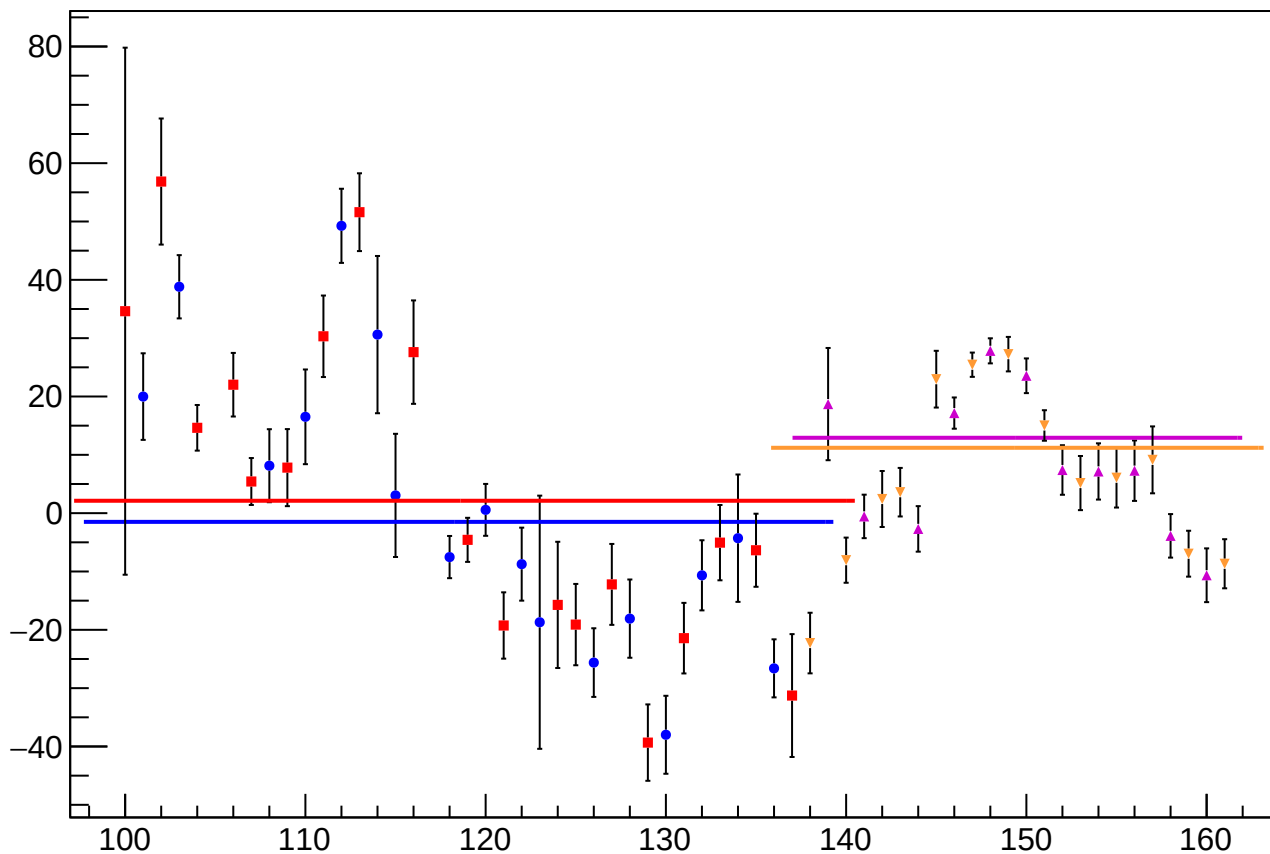
Left In: -266.933+/-1.627 χ^2/NDF : 125.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.128+/-1.125 χ^2/NDF : 533.6/23

- 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: 11.207 ± 1.013 χ^2/NDF : 203.7/12

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

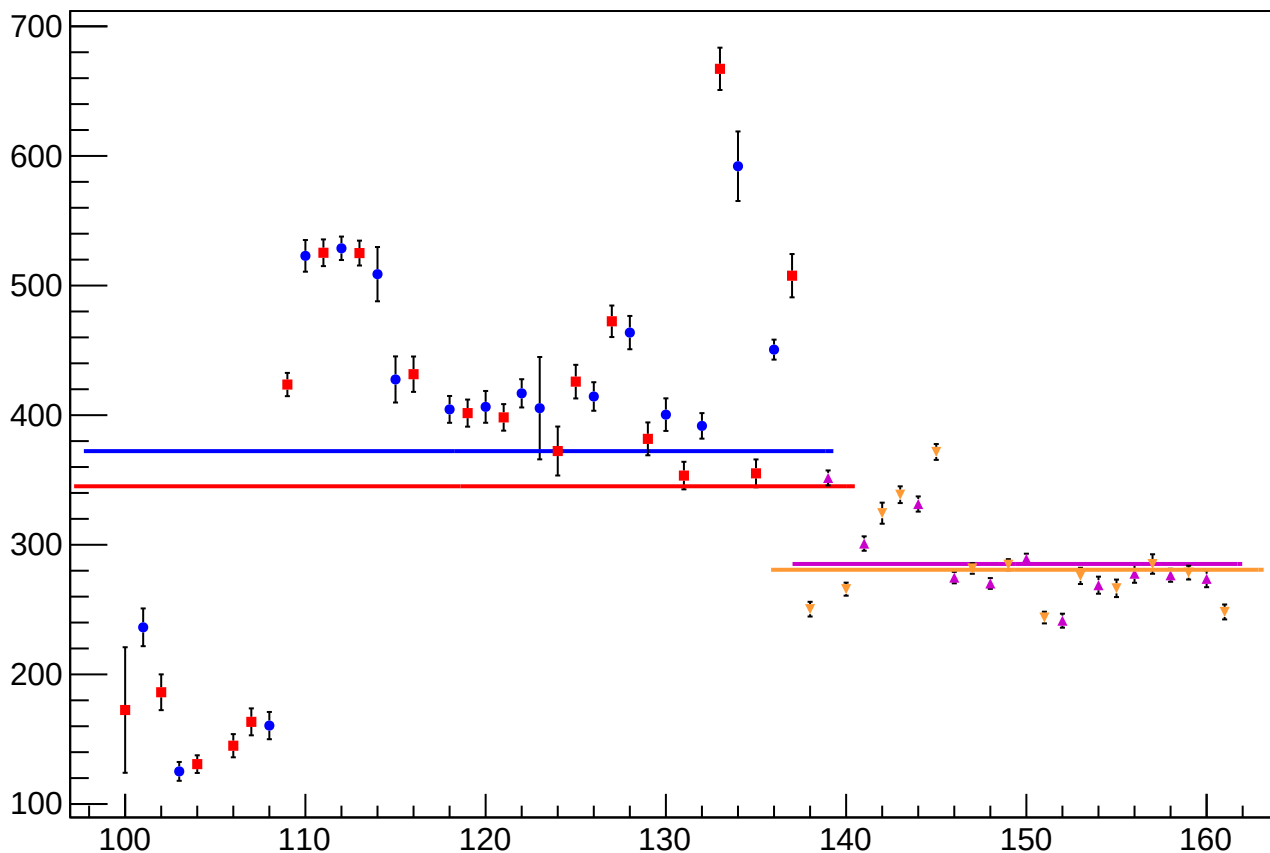
Left In: 12.924 ± 1.071 χ^2/NDF : 143.6/10

+ sign 7.279 ± 0.842 χ^2/NDF : 478.5/29

All: 8.103 ± 0.598 χ^2/NDF : 894.1/59

- sign 8.947 ± 0.851 χ^2/NDF : 413.7/29

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 280.723 $\pm$ 1.526 χ^2 /NDF:473.0/12

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

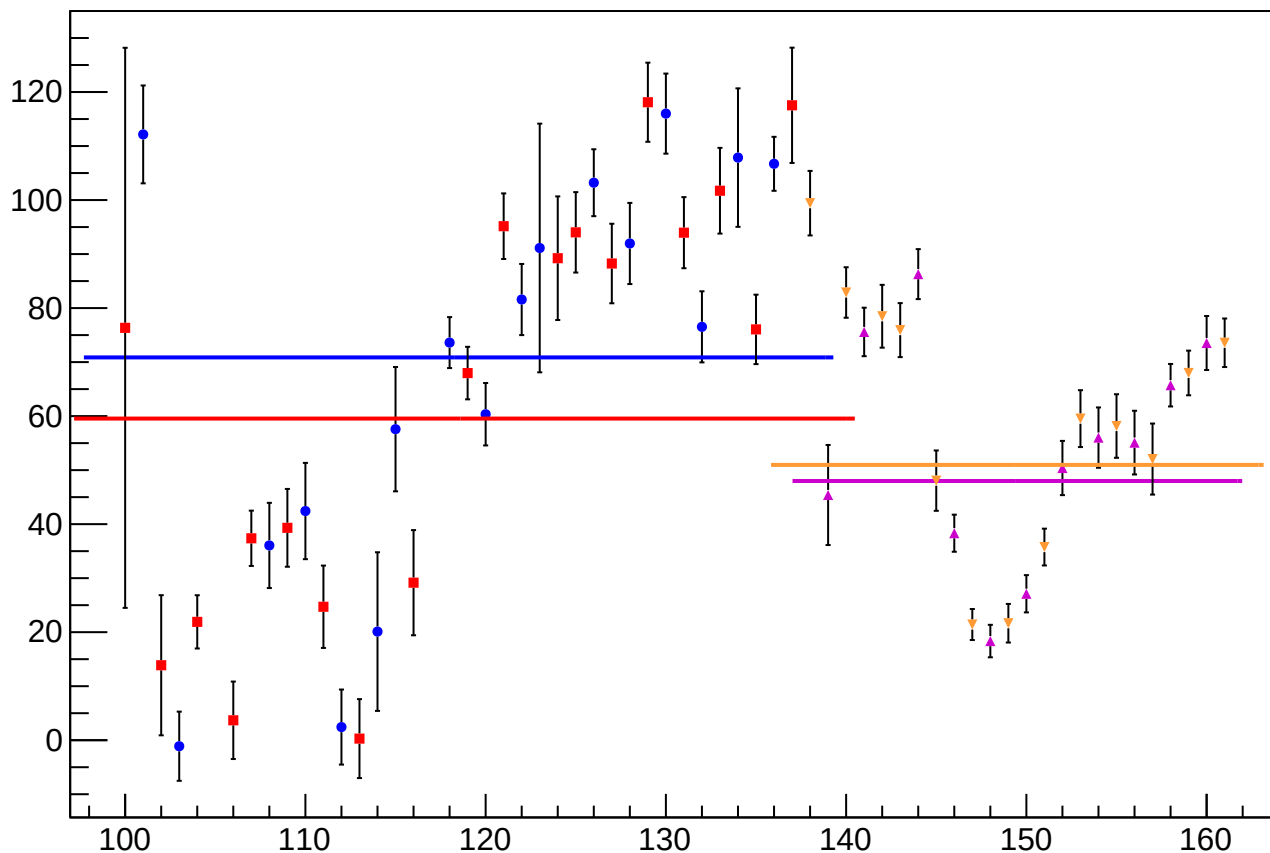
Left In: 285.211 $\pm$ 1.579 χ^2 /NDF:301.4/10

+ sign 302.172 $\pm$ 1.336 χ^2 /NDF: 3748.8/29

All: 301.943 $\pm$ 0.948 χ^2 /NDF: 7863.1/59

- sign 301.712 $\pm$ 1.344 χ^2 /NDF: 4114.3/29

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 50.970 $\pm$ 1.233 χ^2 /NDF: 399.7/12

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

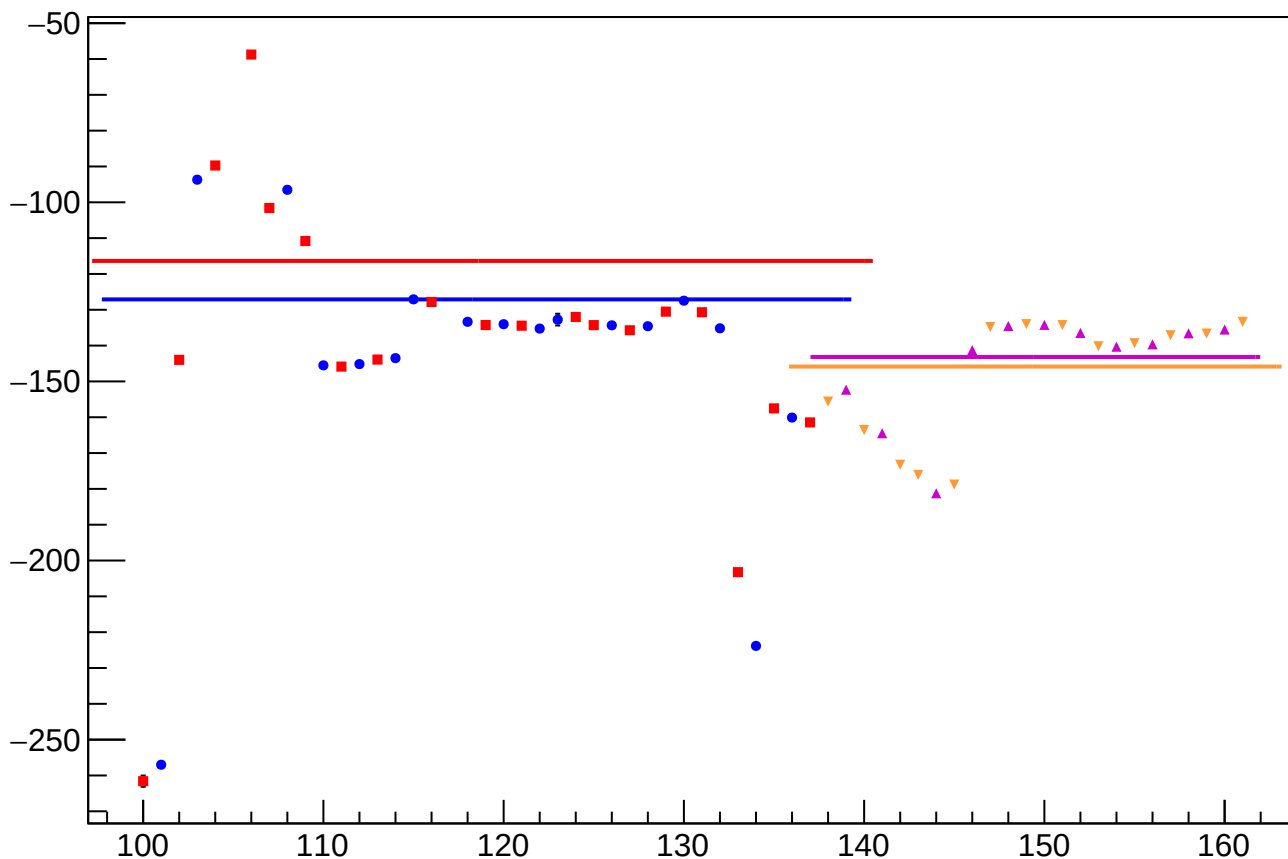
Left In: 47.989 $\pm$ 1.299 χ^2 /NDF: 298.2/10

+ sign 57.609 $\pm$ 1.007 χ^2 /NDF: 913.5/29

All: 55.063 $\pm$ 0.715 χ^2 /NDF: 1746.2/59

- sign 52.468 $\pm$ 1.017 χ^2 /NDF: 819.7/29

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 $\pm$ 0.089 χ^2/NDF : 167064.7/16

Left Out: -145.857 $\pm$ 0.061 χ^2/NDF : 66664.4/12

Right Out: -116.369 $\pm$ 0.083 χ^2/NDF : 167595.6/18

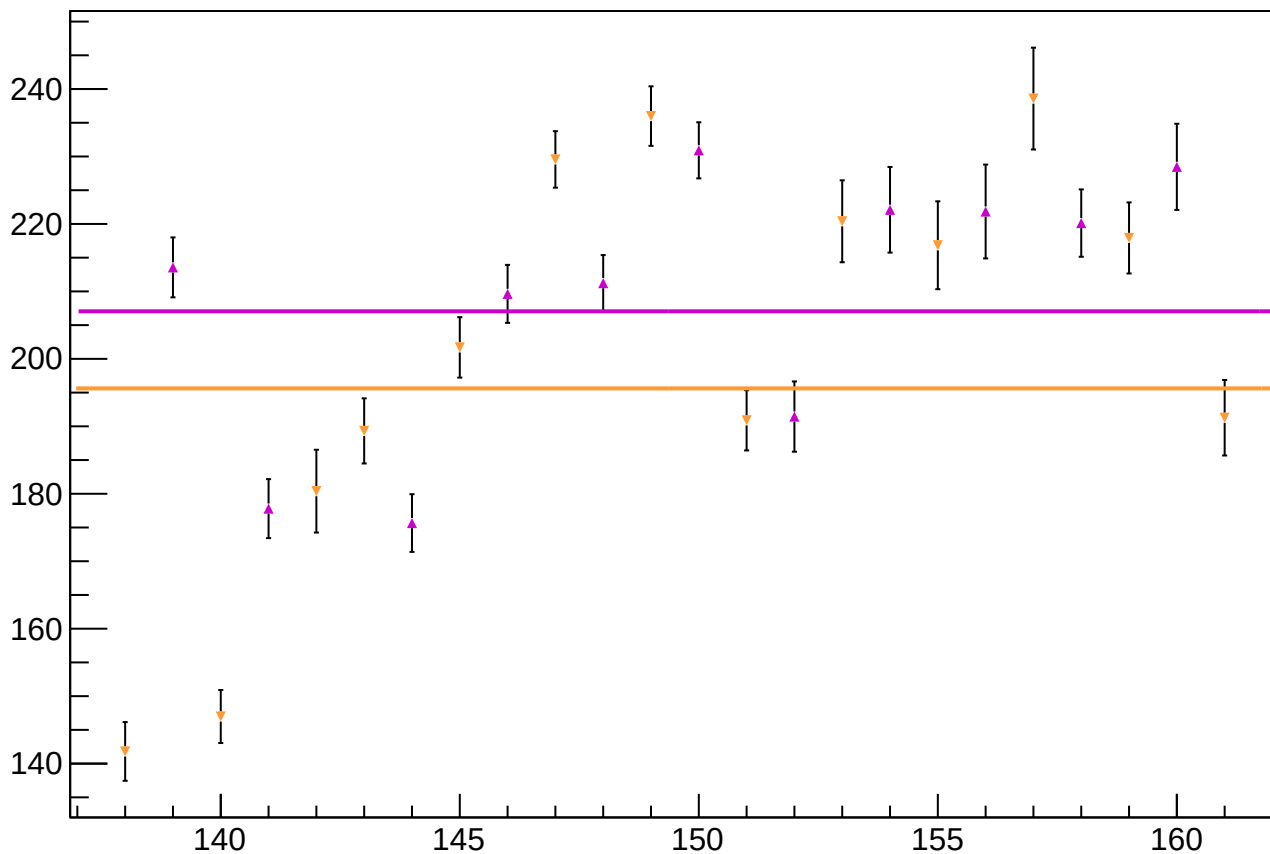
Left In: -143.181 $\pm$ 0.063 χ^2/NDF : 41800.9/10

+ sign -139.860 $\pm$ 0.051 χ^2/NDF : 263634.7/29

All: -136.611 $\pm$ 0.036 χ^2/NDF : 547740.9/59

- sign -133.436 $\pm$ 0.050 χ^2/NDF : 275944.9/29

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 195.621+/-1.372 χ^2/NDF : 544.5/12

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

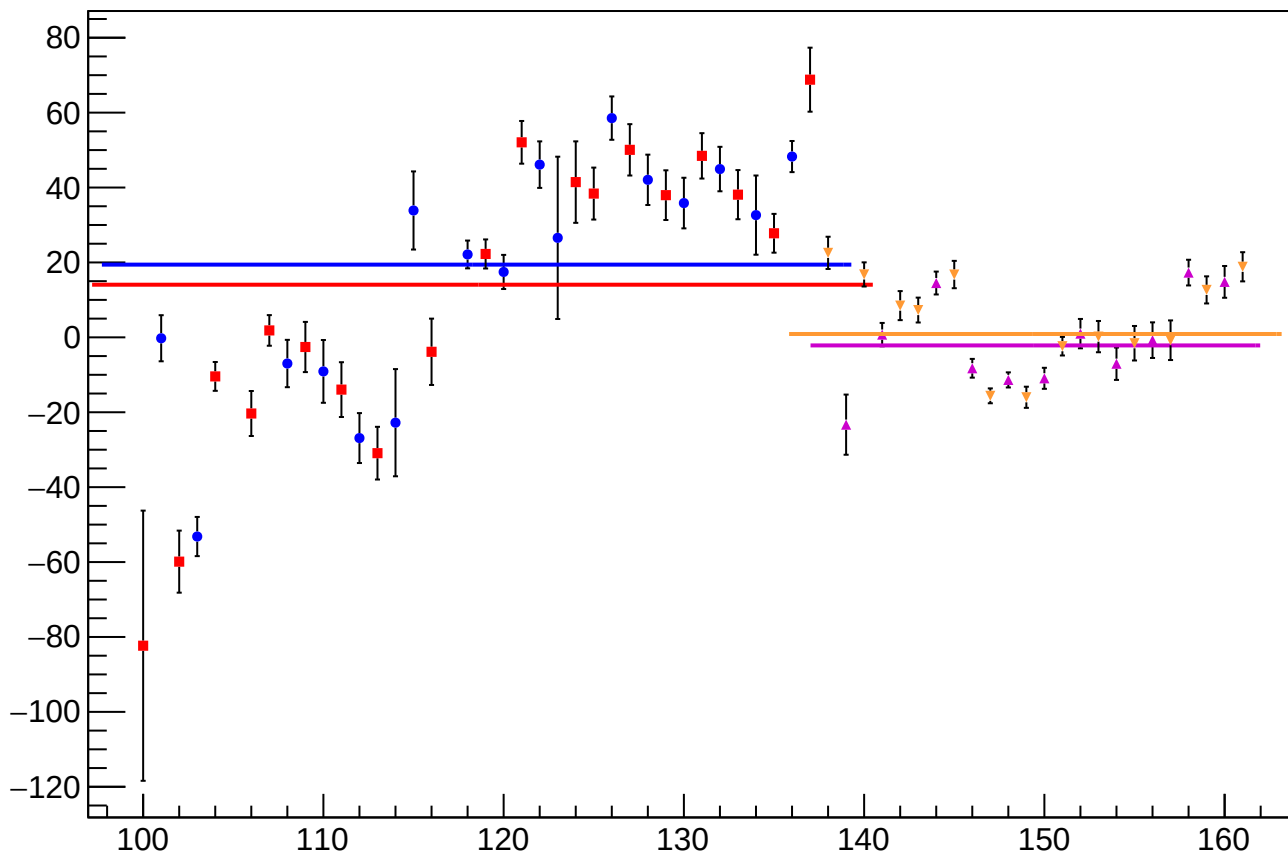
Left In: 207.047+/-1.452 χ^2/NDF : 172.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.010+/-0.997 χ^2/NDF : 749.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 ± 1.480 χ^2/NDF : 441.1/16

Left Out: 0.895 ± 0.910 χ^2/NDF : 215.0/12

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

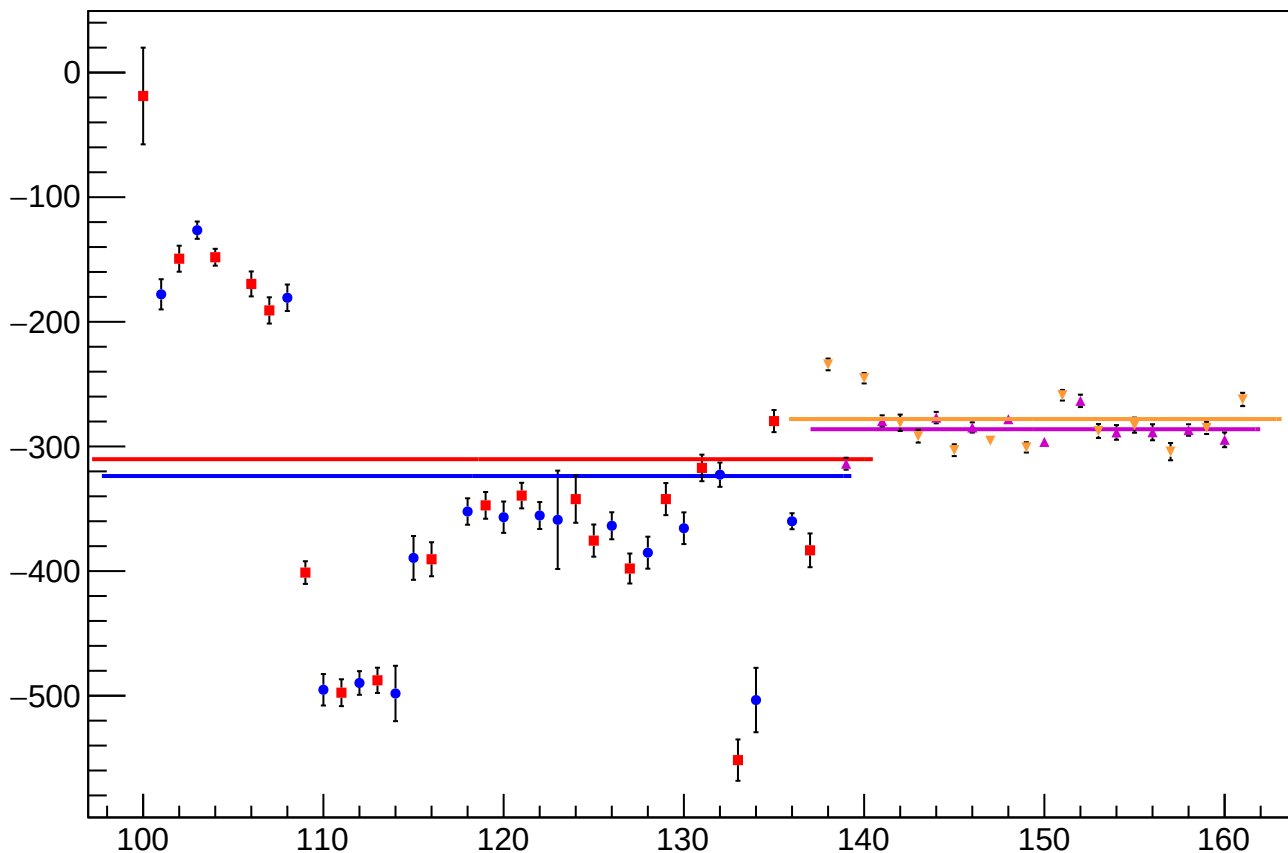
Left In: -2.156 ± 0.971 χ^2/NDF : 124.2/10

+ sign 5.980 ± 0.775 χ^2/NDF : 769.7/29

All: 4.602 ± 0.555 χ^2/NDF : 1428.3/59

- sign 3.148 ± 0.796 χ^2/NDF : 652.0/29

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -278.006 ± 1.357 χ^2/NDF : 281.6/12

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

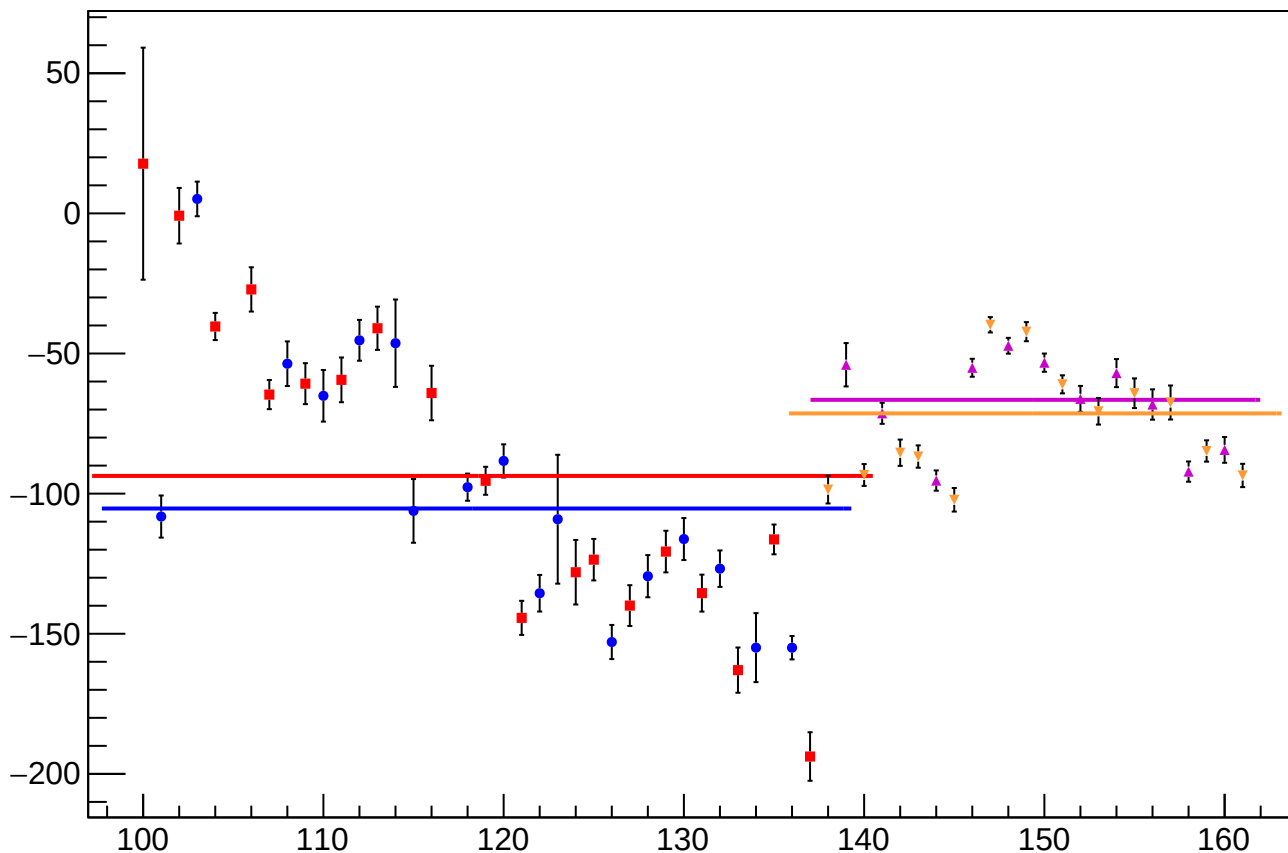
Left In: -286.166 ± 1.419 χ^2/NDF : 73.7/10

+ sign -287.402 ± 1.210 χ^2/NDF : 2365.6/29

All: -289.624 ± 0.865 χ^2/NDF : 4815.2/59

- sign -291.945 ± 1.237 χ^2/NDF : 2442.7/29

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -71.373 ± 1.103 χ^2/NDF : 399.5/12

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

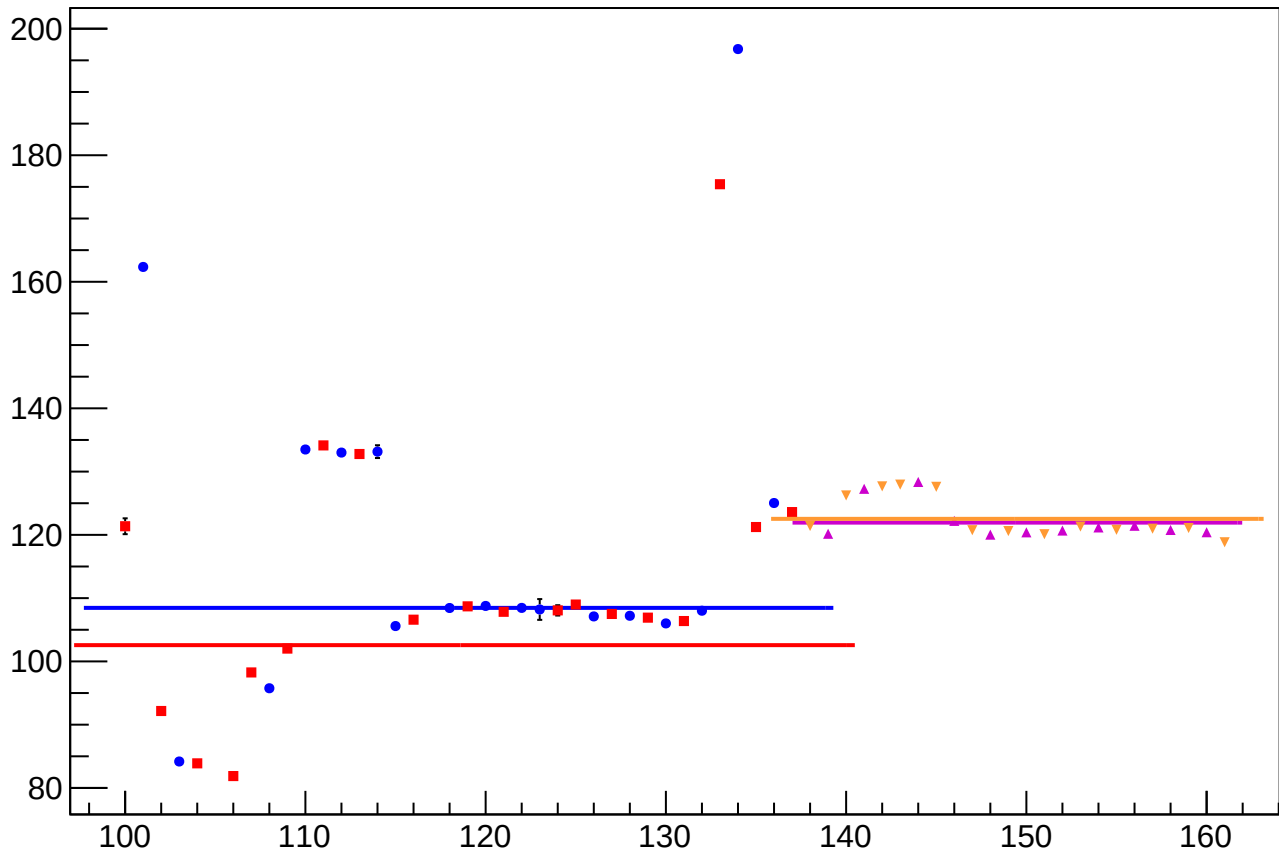
Left In: -66.531 ± 1.174 χ^2/NDF : 212.6/10

+ sign -81.488 ± 0.924 χ^2/NDF : 1418.9/29

All: -78.786 ± 0.662 χ^2/NDF : 2661.0/59

- sign -75.941 ± 0.949 χ^2/NDF : 1224.5/29

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 $\pm$ 0.085 χ^2 /NDF: 73302.1/16

Left Out: 122.532 $\pm$ 0.054 χ^2 /NDF:3193.4/12

Right Out: 102.570 $\pm$ 0.079 χ^2 /NDF: 53143.8/18

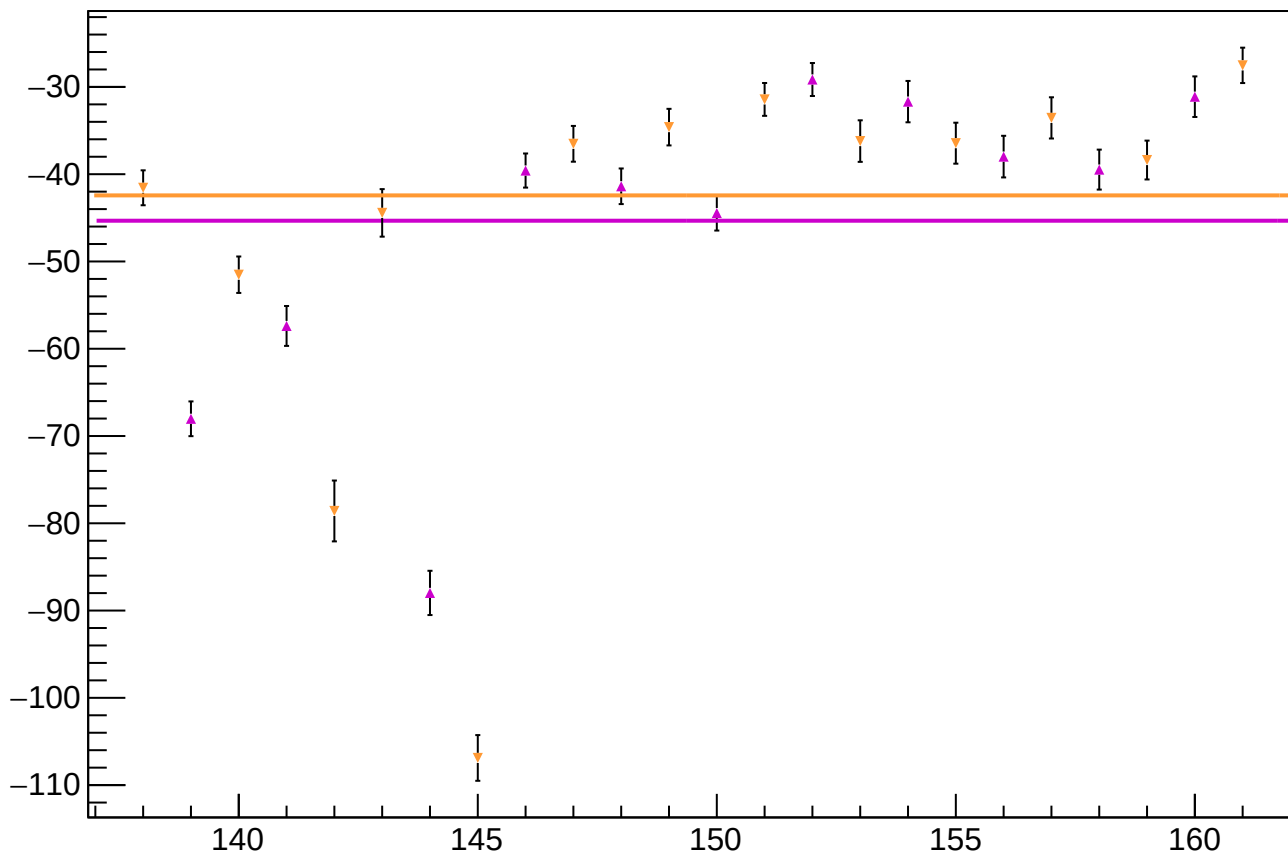
Left In: 121.935 $\pm$ 0.056 χ^2 /NDF:2326.1/10

+ sign 118.426 $\pm$ 0.046 χ^2 /NDF: 96032.2/29

All: 116.955 $\pm$ 0.032 χ^2 /NDF: 193157.8/59

- sign 115.476 $\pm$ 0.046 χ^2 /NDF: 95054.7/29

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -42.429+/-0.623 χ^2/NDF : 874.2/12

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

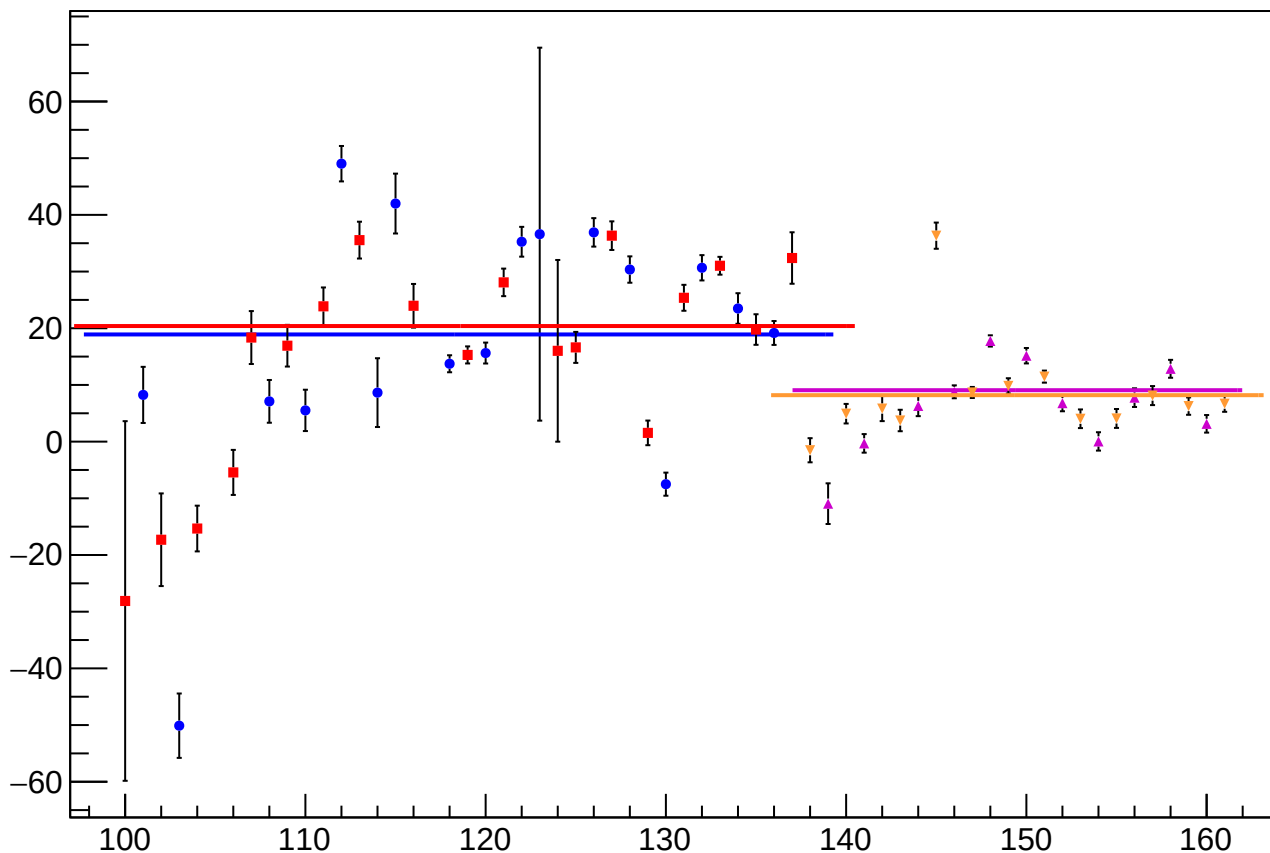
Left In: -45.331+/-0.651 χ^2/NDF : 613.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.817+/-0.450 χ^2/NDF : 1497.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 ± 0.644 χ^2/NDF : 618.9/16

Left Out: 8.194 ± 0.418 χ^2/NDF : 205.7/12

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

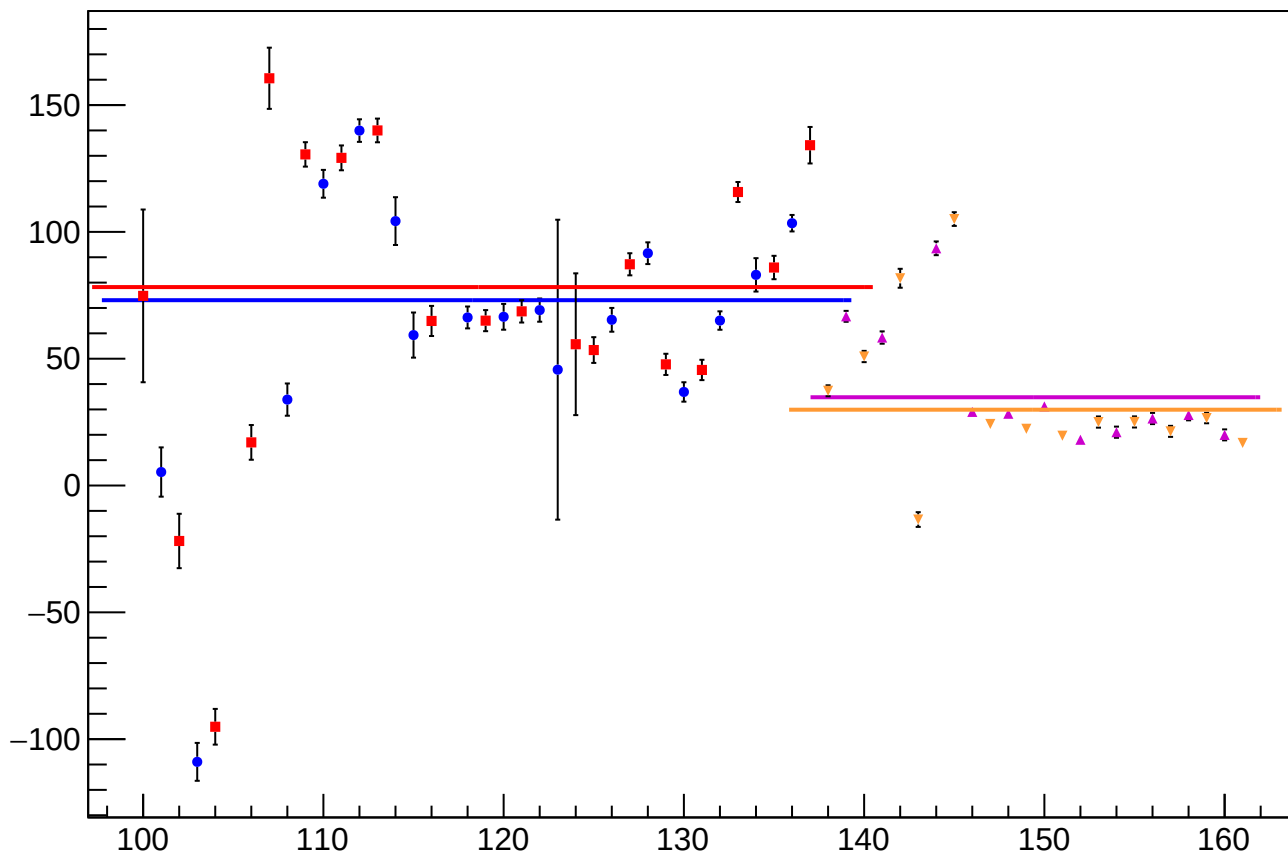
Left In: 9.072 ± 0.441 χ^2/NDF : 217.6/10

+ sign 11.377 ± 0.351 χ^2/NDF : 1019.4/29

All: 12.009 ± 0.253 χ^2/NDF : 1819.3/59

- sign 12.690 ± 0.364 χ^2/NDF : 793.1/29

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 29.893 $\pm$ 0.608 χ^2 /NDF:1417.5/12

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

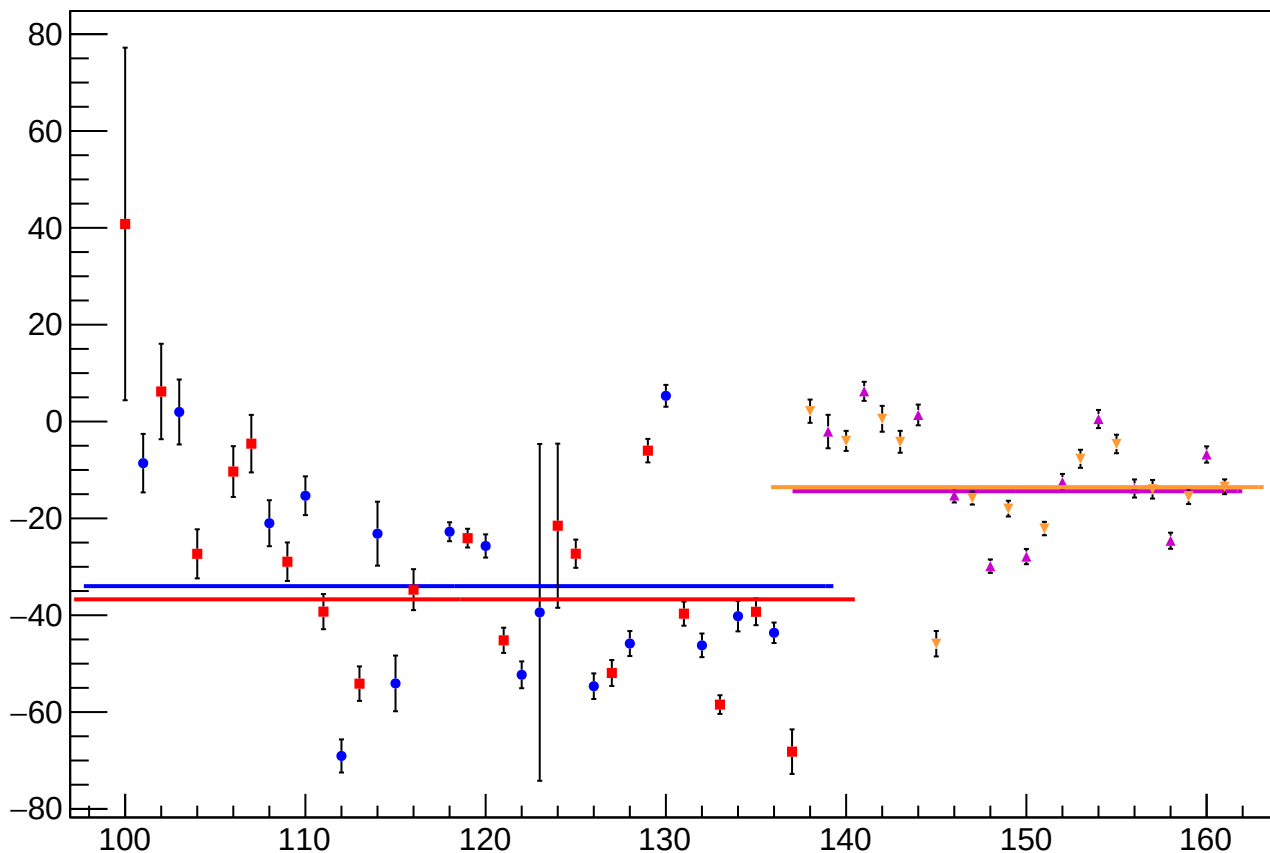
Left In: 34.802 $\pm$ 0.630 χ^2 /NDF:1004.0/10

+ sign 38.388 $\pm$ 0.545 χ^2 /NDF: 3610.8/29

All: 41.078 $\pm$ 0.391 χ^2 /NDF: 7205.0/59

- sign 43.925 $\pm$ 0.560 χ^2 /NDF: 3544.0/29

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.545 ± 0.501 χ^2/NDF : 341.3/12

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

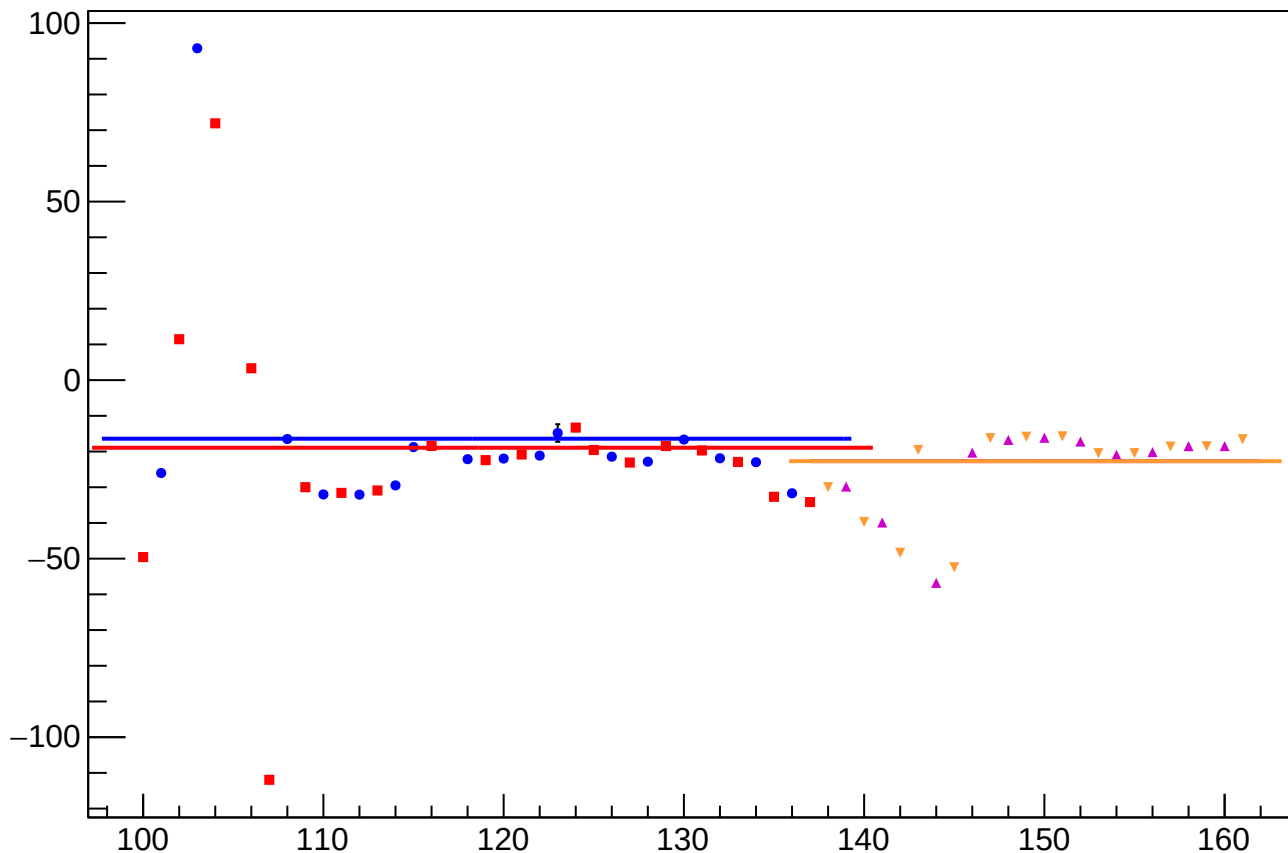
Left In: -14.392 ± 0.528 χ^2/NDF : 497.7/10

+ sign -20.014 ± 0.414 χ^2/NDF : 1588.3/29

All: -20.956 ± 0.298 χ^2/NDF : 3246.3/59

- sign -21.969 ± 0.429 χ^2/NDF : 1647.3/29

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -22.699 ± 0.024 $\chi^2/\text{NDF}: 180251.2/12$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

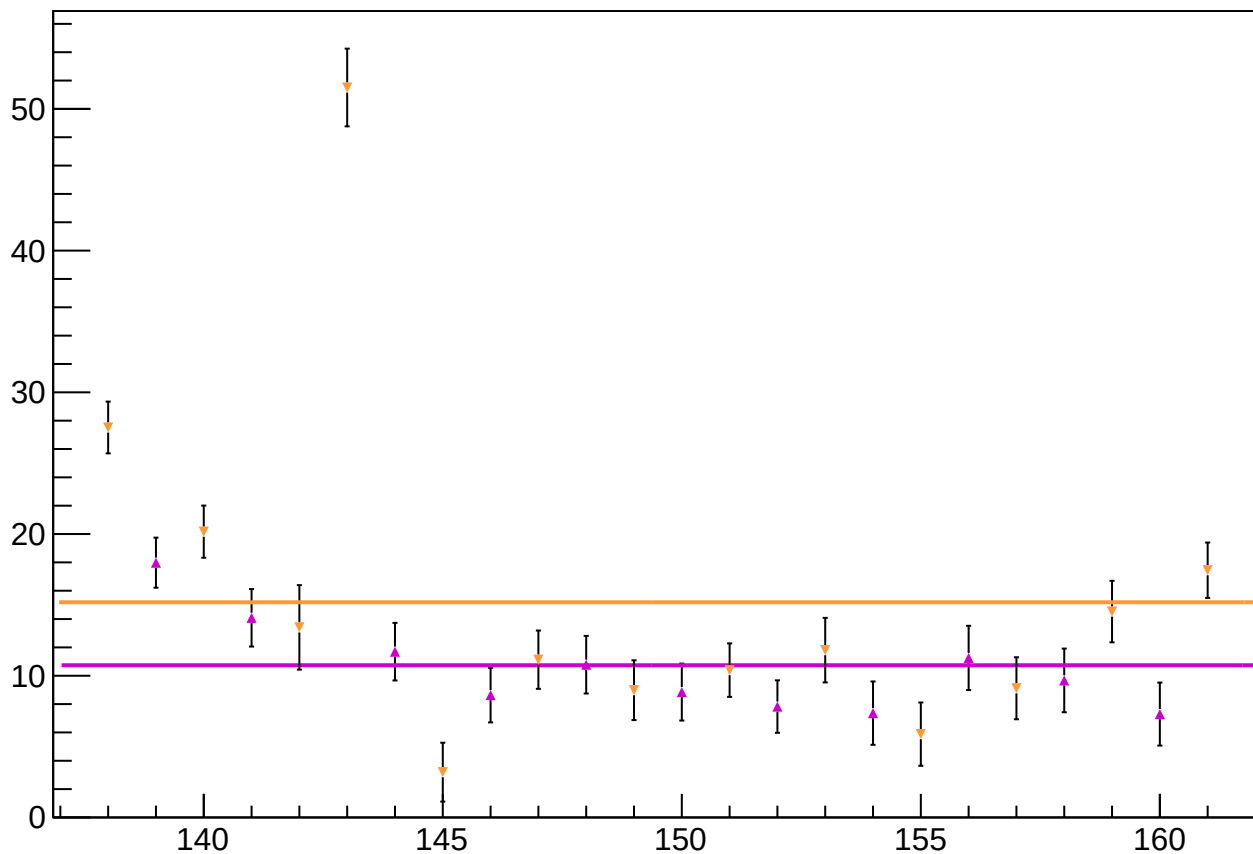
Left In: -22.680 ± 0.024 $\chi^2/\text{NDF}: 147790.0/10$

+ sign -21.301 ± 0.021 $\chi^2/\text{NDF}: 670220.0/29$

All: -21.559 ± 0.015 $\chi^2/\text{NDF}: 1257774.7/59$

- sign -21.831 ± 0.022 $\chi^2/\text{NDF}: 587243.8/29$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 15.185+/-0.588 χ^2/NDF : 309.8/12

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

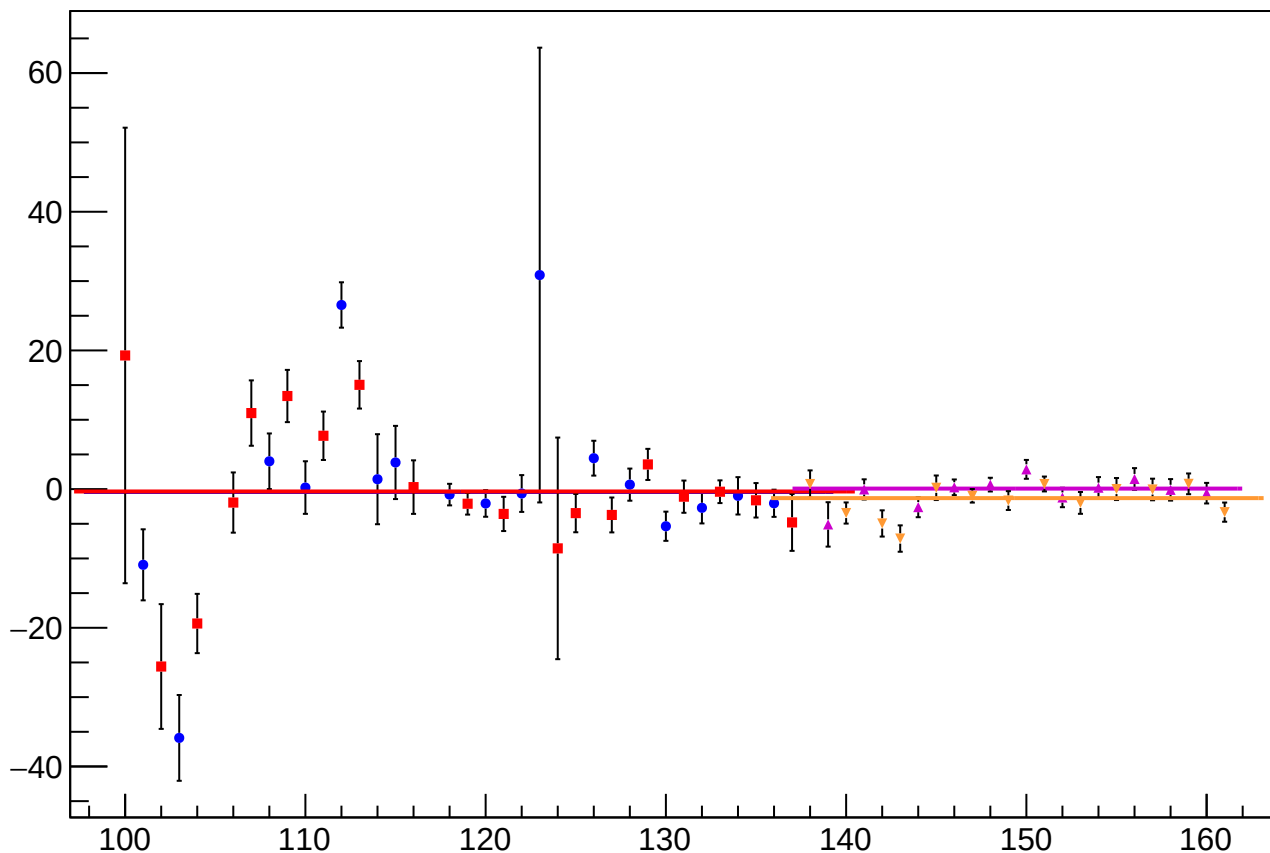
Left In: 10.740+/-0.614 χ^2/NDF : 29.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.058+/-0.425 χ^2/NDF : 366.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -1.300 ± 0.401 χ^2/NDF : 26.2/12

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

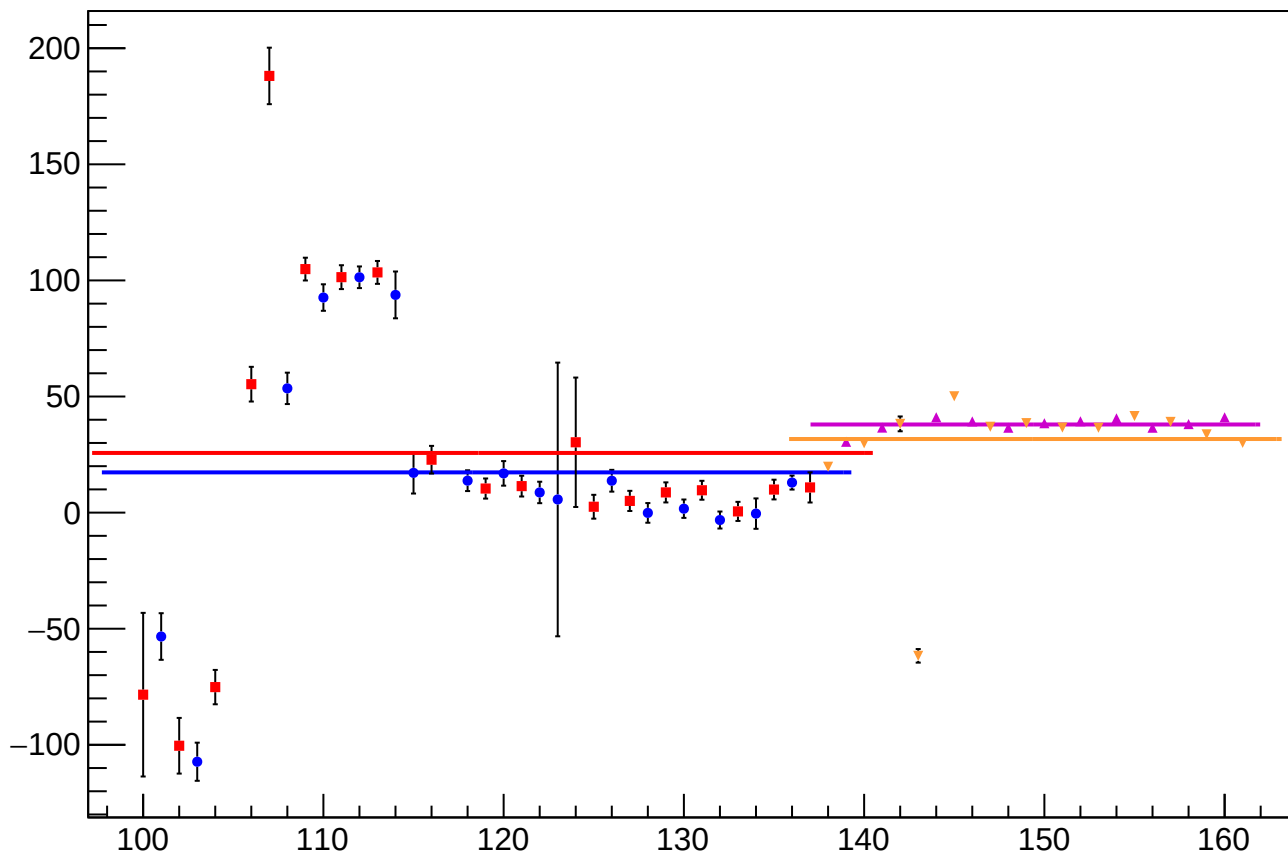
Left In: 0.075 ± 0.423 χ^2/NDF : 12.3/10

+ sign -1.057 ± 0.342 χ^2/NDF : 147.5/29

All: -0.572 ± 0.246 χ^2/NDF : 248.0/59

- sign -0.047 ± 0.356 χ^2/NDF : 96.3/29

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 31.699+/-0.577 χ^2/NDF : 1200.8/12

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

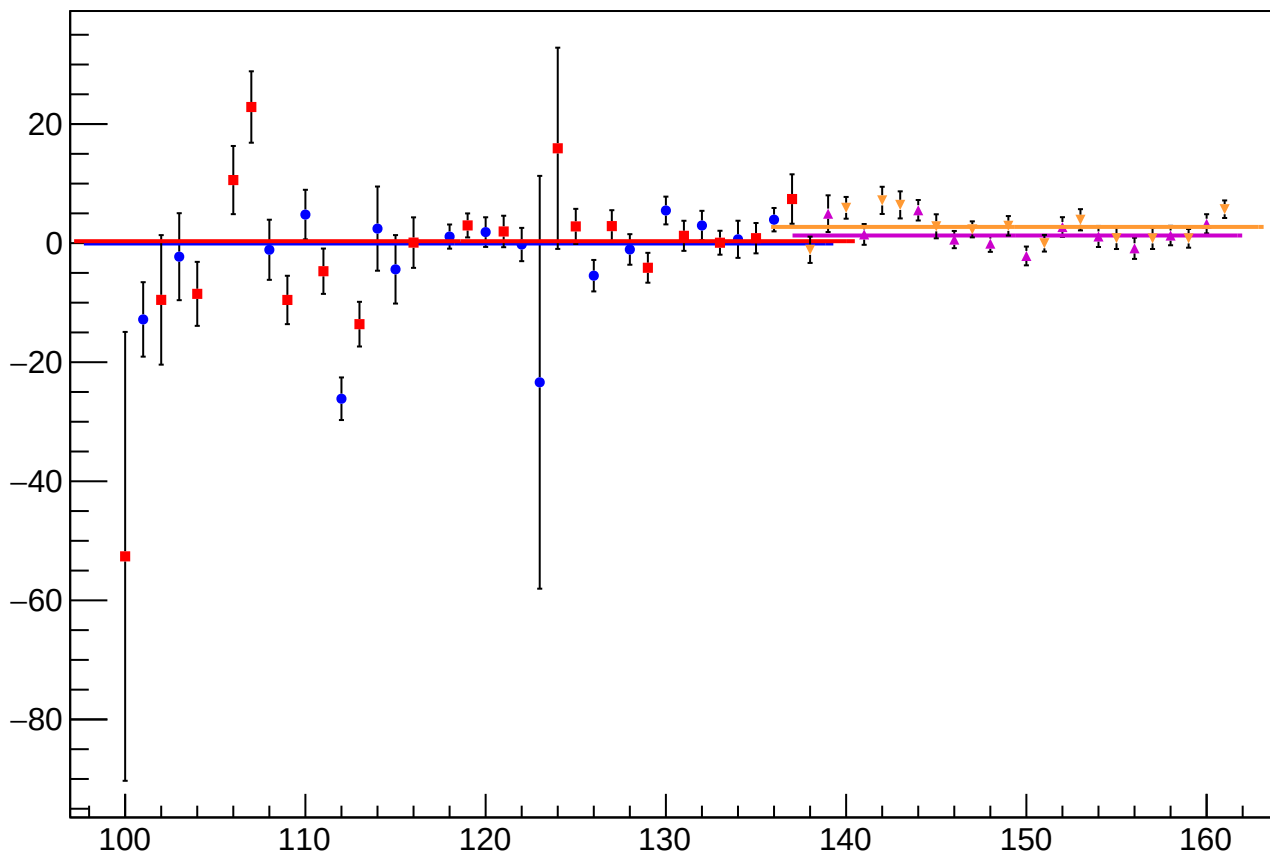
Left In: 37.956+/-0.598 χ^2/NDF : 23.7/10

+ sign 29.140+/-0.523 χ^2/NDF : 2254.6/29

All: 32.296+/-0.375 χ^2/NDF : 3811.5/59

- sign 35.651+/-0.539 χ^2/NDF : 1481.7/29

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.724 ± 0.479 χ^2/NDF : 24.8/12

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

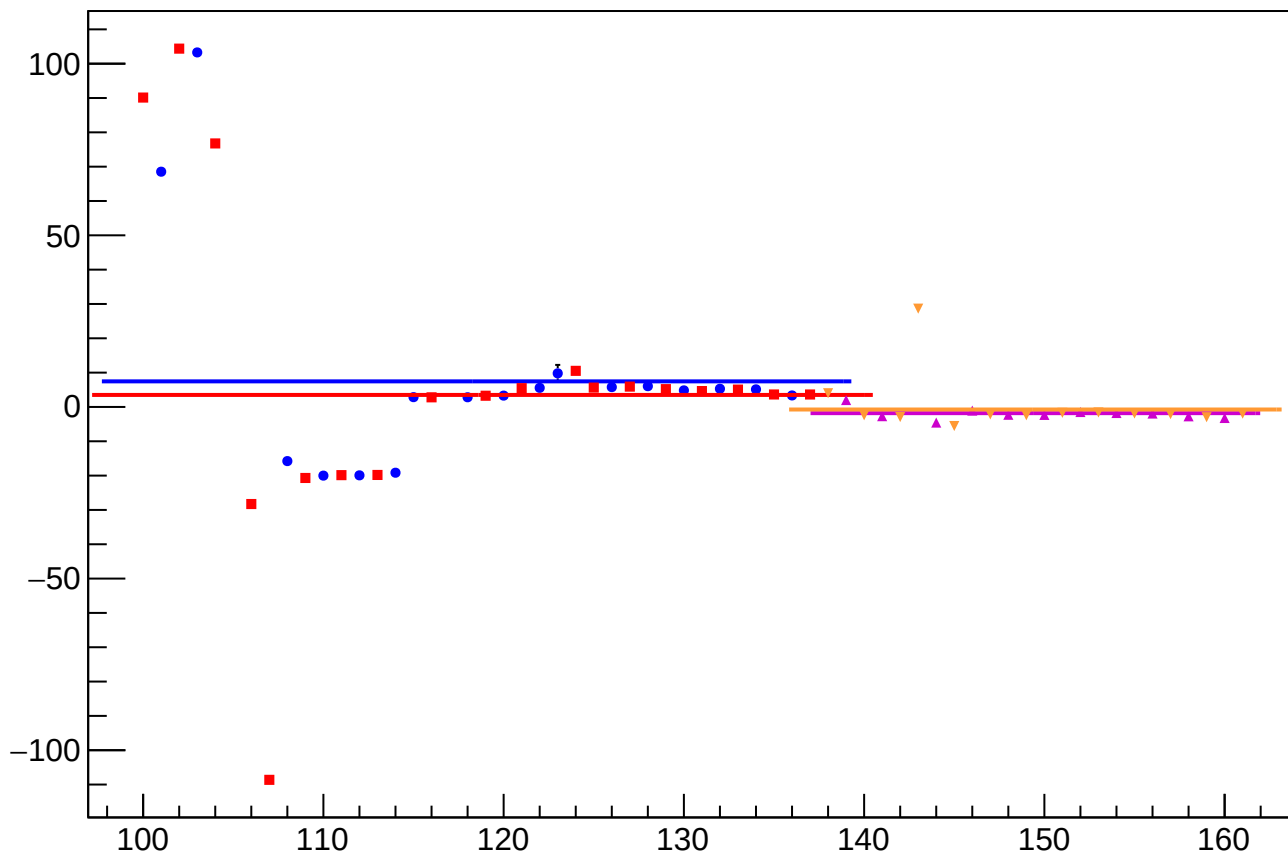
Left In: 1.283 ± 0.504 χ^2/NDF : 17.1/10

+ sign 1.909 ± 0.402 χ^2/NDF : 111.2/29

All: 1.465 ± 0.290 χ^2/NDF : 187.1/59

- sign 0.985 ± 0.418 χ^2/NDF : 73.4/29

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 χ^2/NDF : 356053.3/16

Left Out: -0.744 ± 0.022 χ^2/NDF : 73444.4/12

Right Out: 3.502 ± 0.046 χ^2/NDF : 510579.7/18

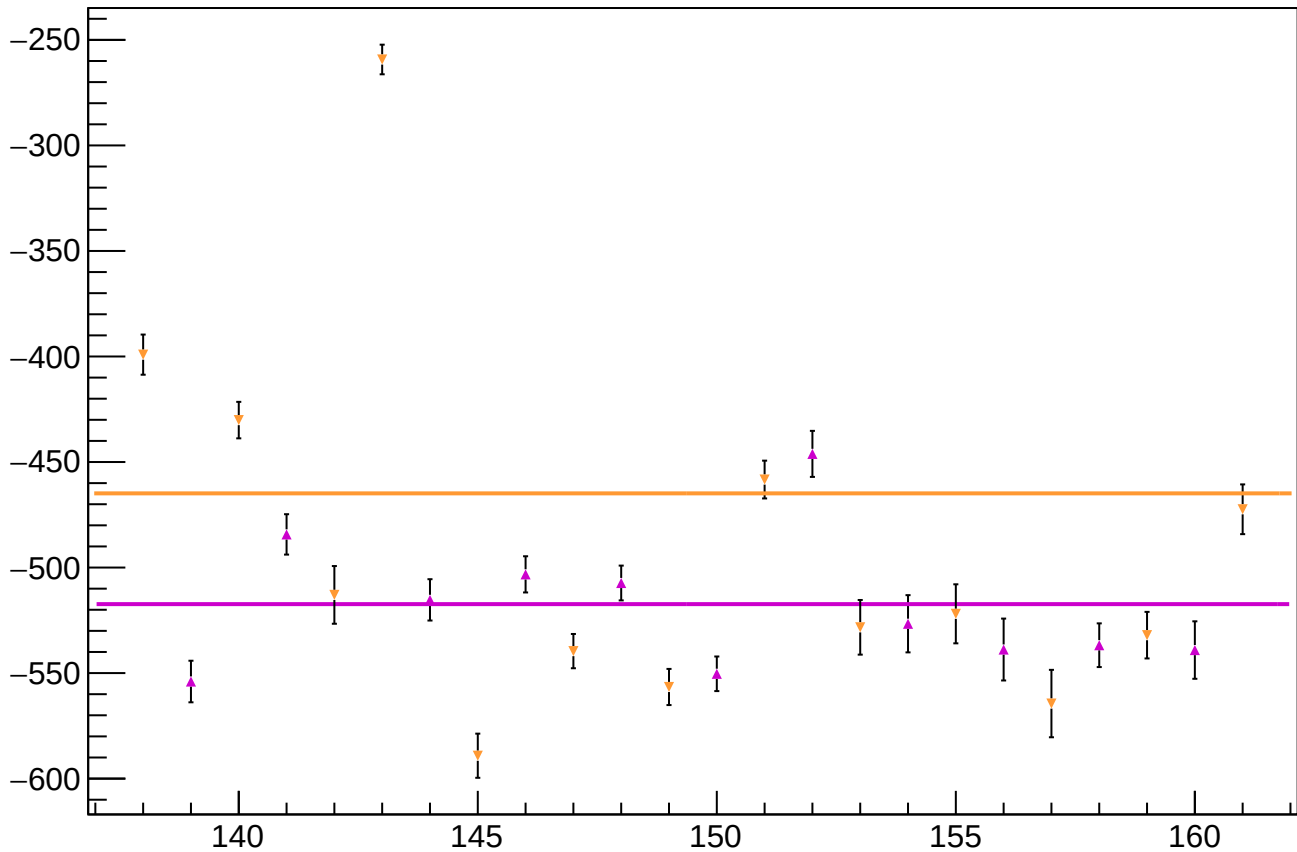
Left In: -1.807 ± 0.023 χ^2/NDF : 4801.1/10

+ sign 0.923 ± 0.020 χ^2/NDF : 456631.4/29

All: 0.131 ± 0.014 χ^2/NDF : 986029.7/59

- sign -0.713 ± 0.021 χ^2/NDF : 526167.3/29

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -464.853+/-2.764 χ^2/NDF :1392.6/12

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

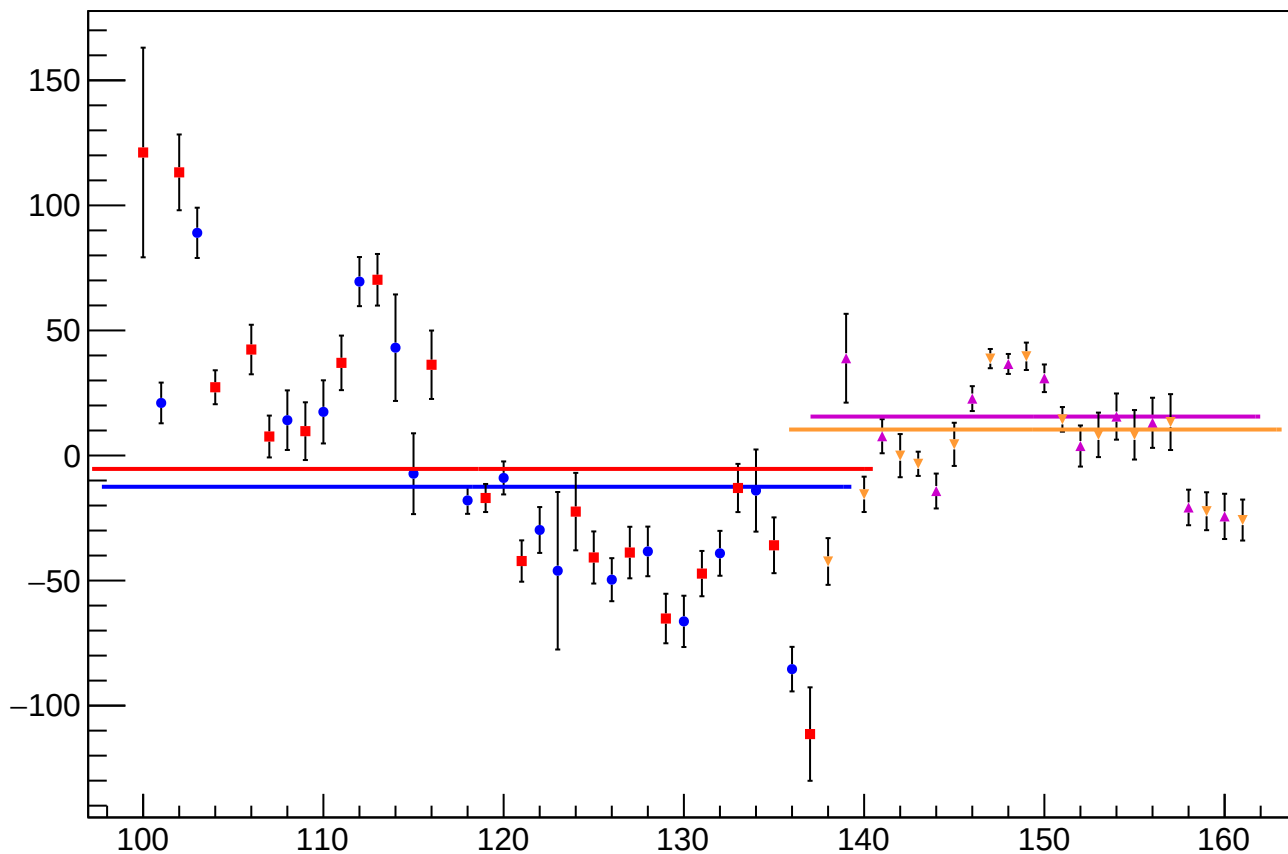
Left In: -517.328+/-3.041 χ^2/NDF :97.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -488.583+/-2.045 χ^2/NDF : 1653.2/23

- 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: 10.387 ± 1.807 χ^2/NDF : 177.2/12

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

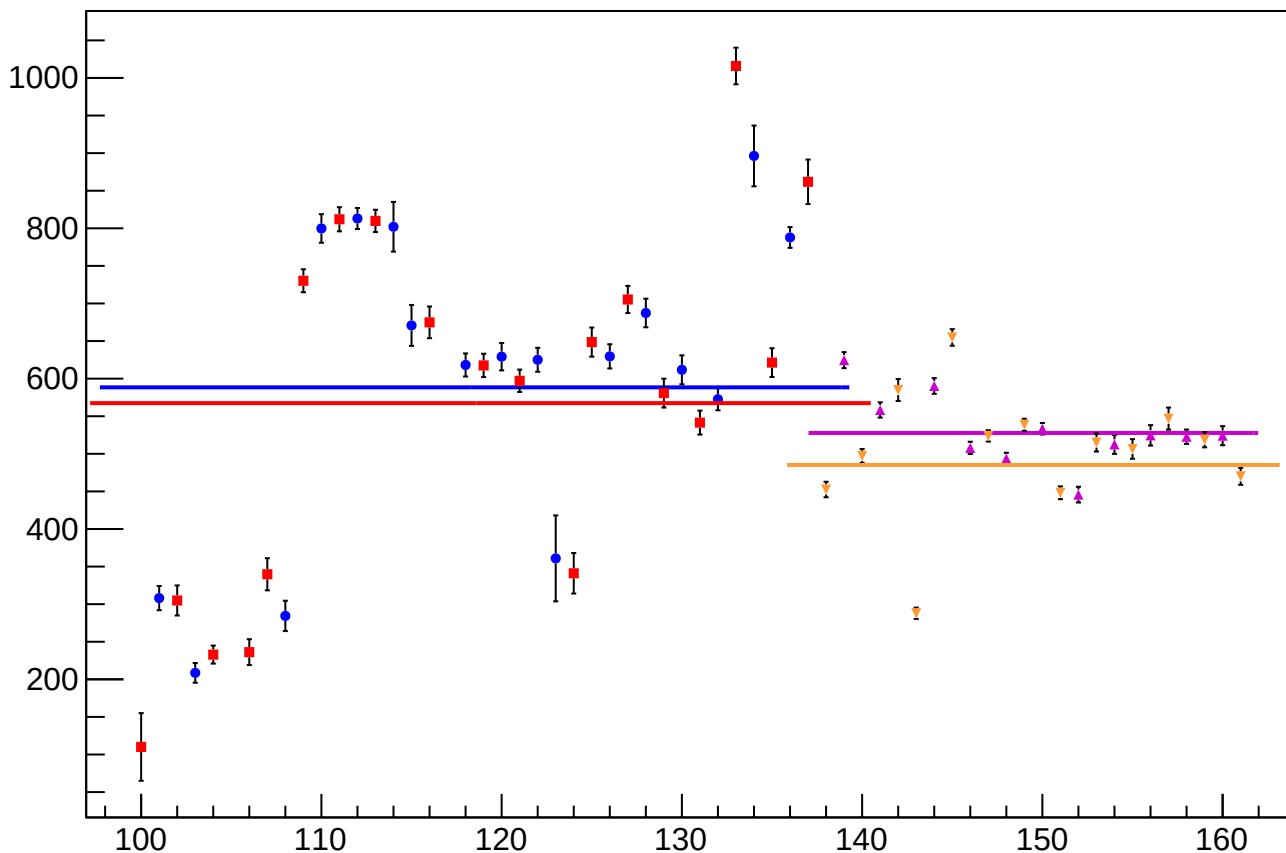
Left In: 15.567 ± 2.001 χ^2/NDF : 106.5/10

+ sign 1.704 ± 1.423 χ^2/NDF : 579.1/29

All: 3.925 ± 1.032 χ^2/NDF : 1083.3/59

- sign 6.389 ± 1.499 χ^2/NDF : 499.1/29

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 $\pm$ 4.320 χ^2/NDF : 2130.2/16

Left Out: 485.168 $\pm$ 2.736 χ^2/NDF : 1117.4/12

Right Out: 567.451 $\pm$ 4.137 χ^2/NDF : 2784.8/18

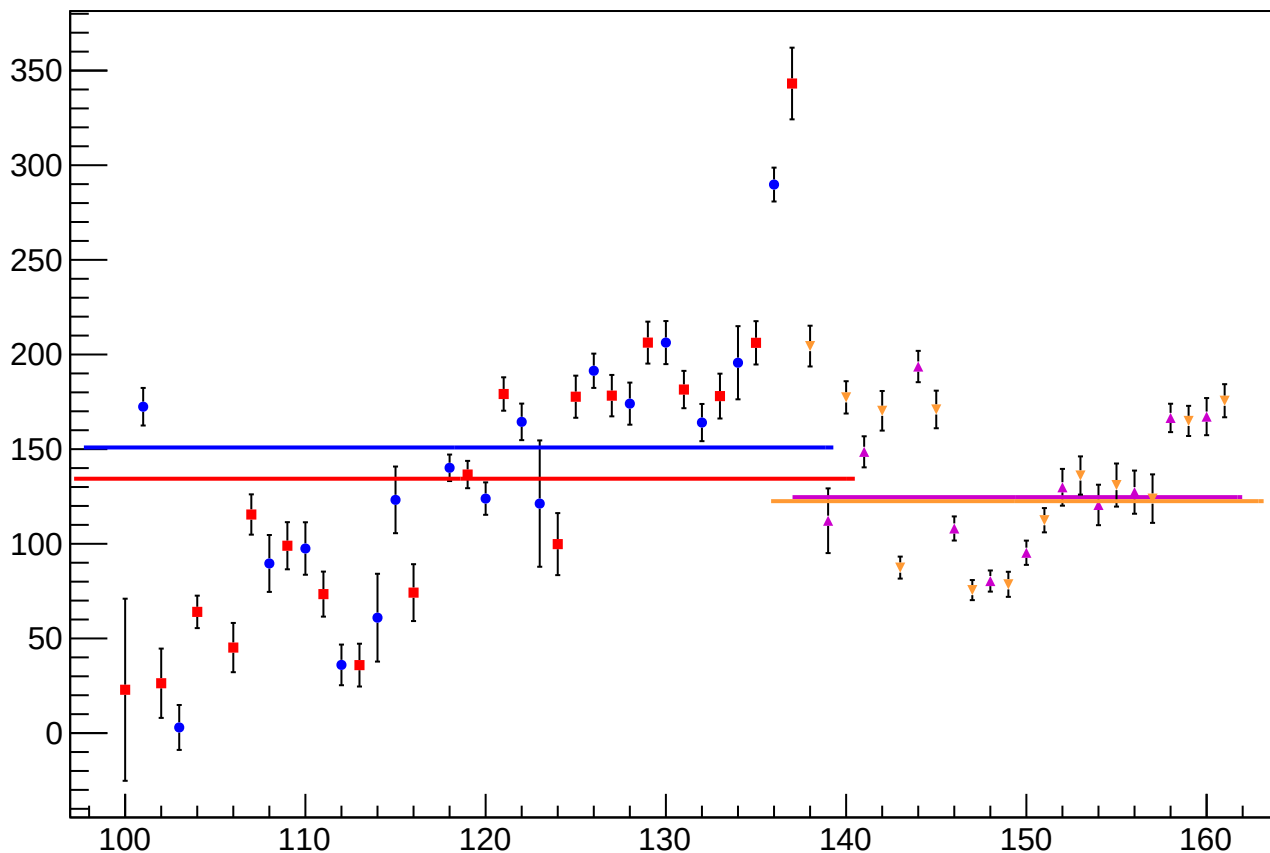
Left In: 527.761 $\pm$ 2.958 χ^2/NDF : 216.6/10

+ sign 514.716 $\pm$ 2.311 χ^2/NDF : 3655.3/29

All: 527.420 $\pm$ 1.667 χ^2/NDF : 6780.5/59

- sign 541.186 $\pm$ 2.406 χ^2/NDF : 3062.3/29

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 $\pm$ 2.674 χ^2 /NDF: 634.8/16

Left Out: 122.526 $\pm$ 2.201 χ^2 /NDF: 372.7/12

Right Out: 134.381 $\pm$ 2.620 χ^2 /NDF: 584.9/18

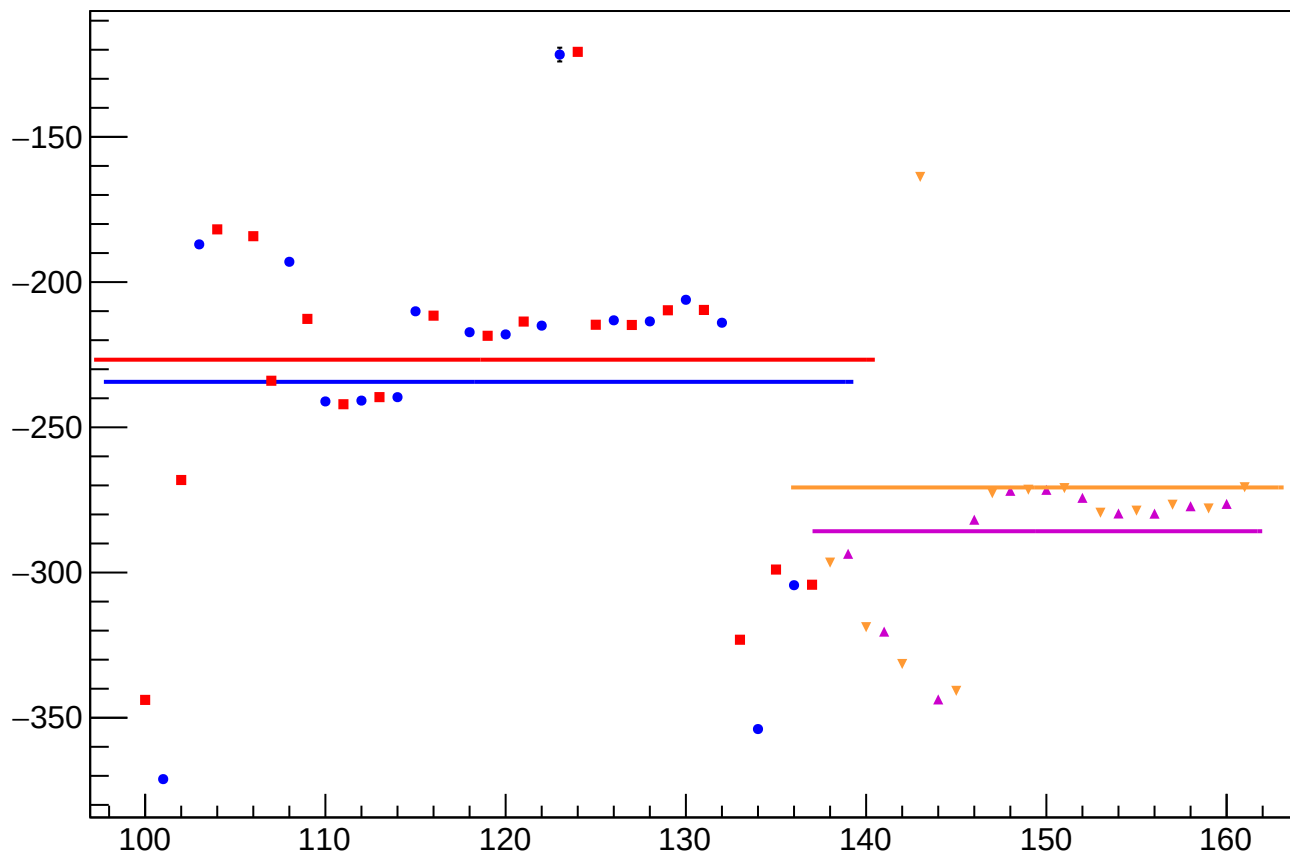
Left In: 124.658 $\pm$ 2.431 χ^2 /NDF: 219.8/10

+ sign 133.984 $\pm$ 1.699 χ^2 /NDF: 1074.6/29

All: 131.685 $\pm$ 1.230 χ^2 /NDF: 1890.5/59

- sign 129.157 $\pm$ 1.782 χ^2 /NDF: 812.1/29

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341 ± 0.148 χ^2/NDF : 145165.1/16

Left Out: -270.700 ± 0.110 χ^2/NDF : 182670.2/12

Right Out: -226.716 ± 0.141 χ^2/NDF : 99440.4/18

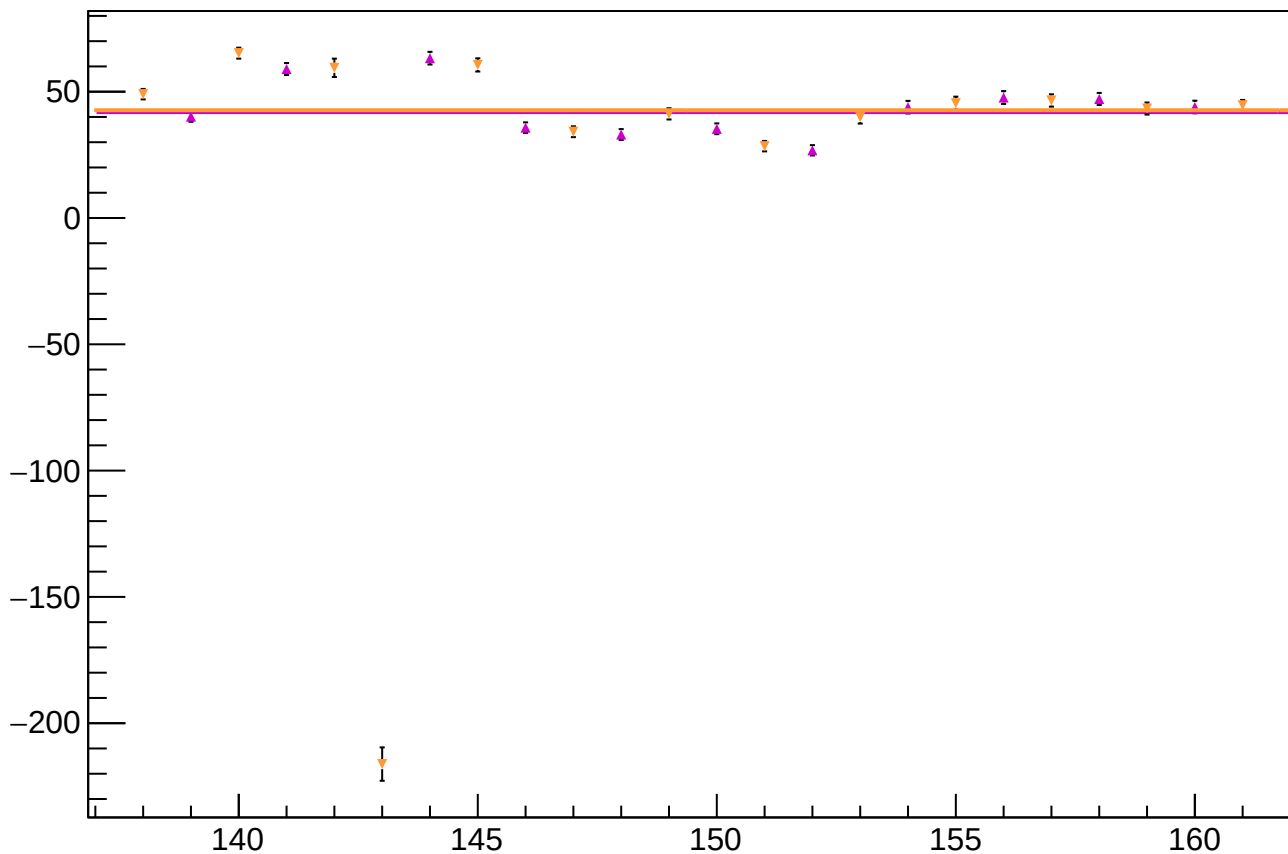
Left In: -285.776 ± 0.118 χ^2/NDF : 29416.3/10

+ sign -257.760 ± 0.088 χ^2/NDF : 366549.4/29

All: -259.636 ± 0.063 χ^2/NDF : 599464.5/59

- sign -261.596 ± 0.090 χ^2/NDF : 231996.0/29

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 42.658+/-0.672 χ^2/NDF :1787.7/12

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

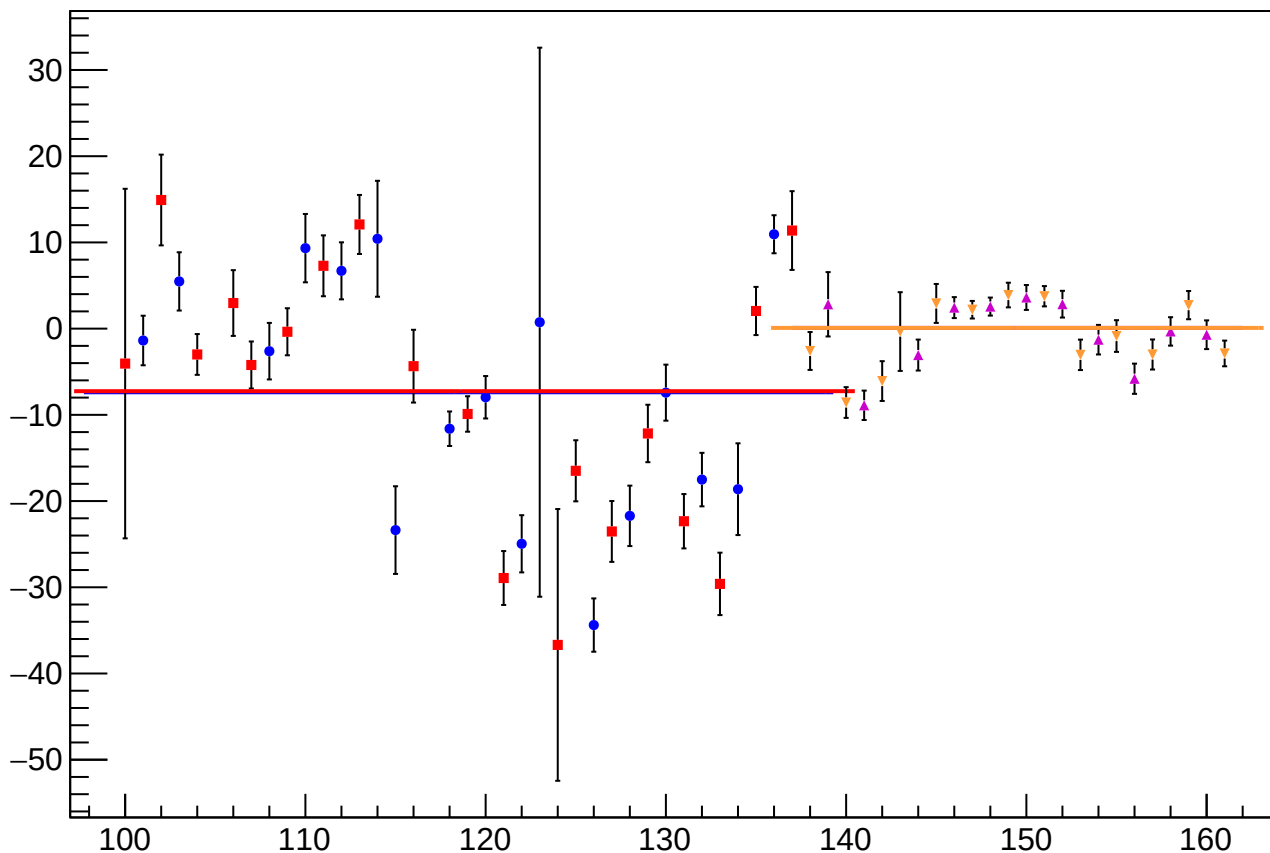
Left In: 41.931+/-0.686 χ^2/NDF :225.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.302+/-0.480 χ^2/NDF : 2013.6/23

- 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: 0.084 ± 0.452 χ^2/NDF : 68.0/12

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

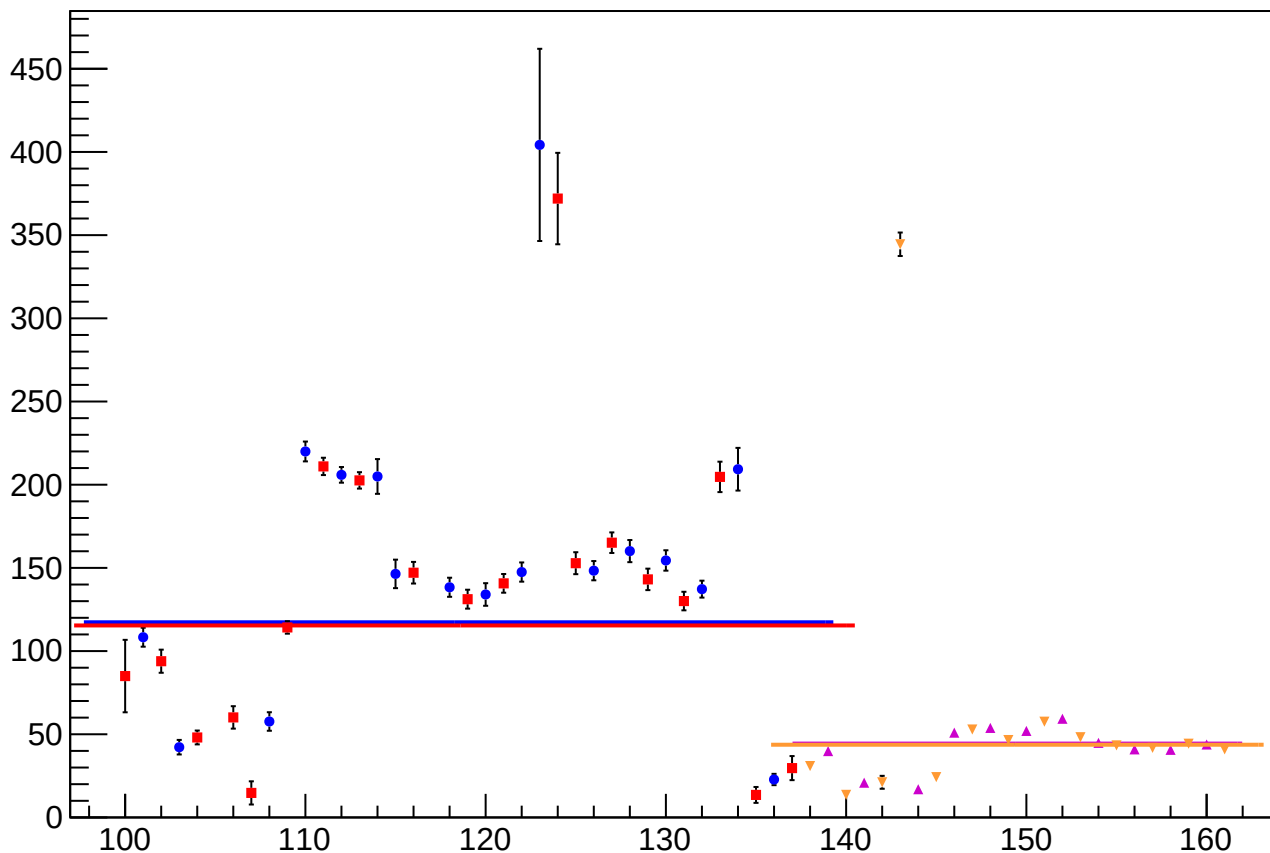
Left In: 0.086 ± 0.466 χ^2/NDF : 62.0/10

+ sign -1.797 ± 0.391 χ^2/NDF : 420.3/29

All: -1.854 ± 0.279 χ^2/NDF : 807.3/59

- sign -1.912 ± 0.397 χ^2/NDF : 386.9/29

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 43.712 $\pm$ 0.654 χ^2 /NDF: 2181.9/12

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

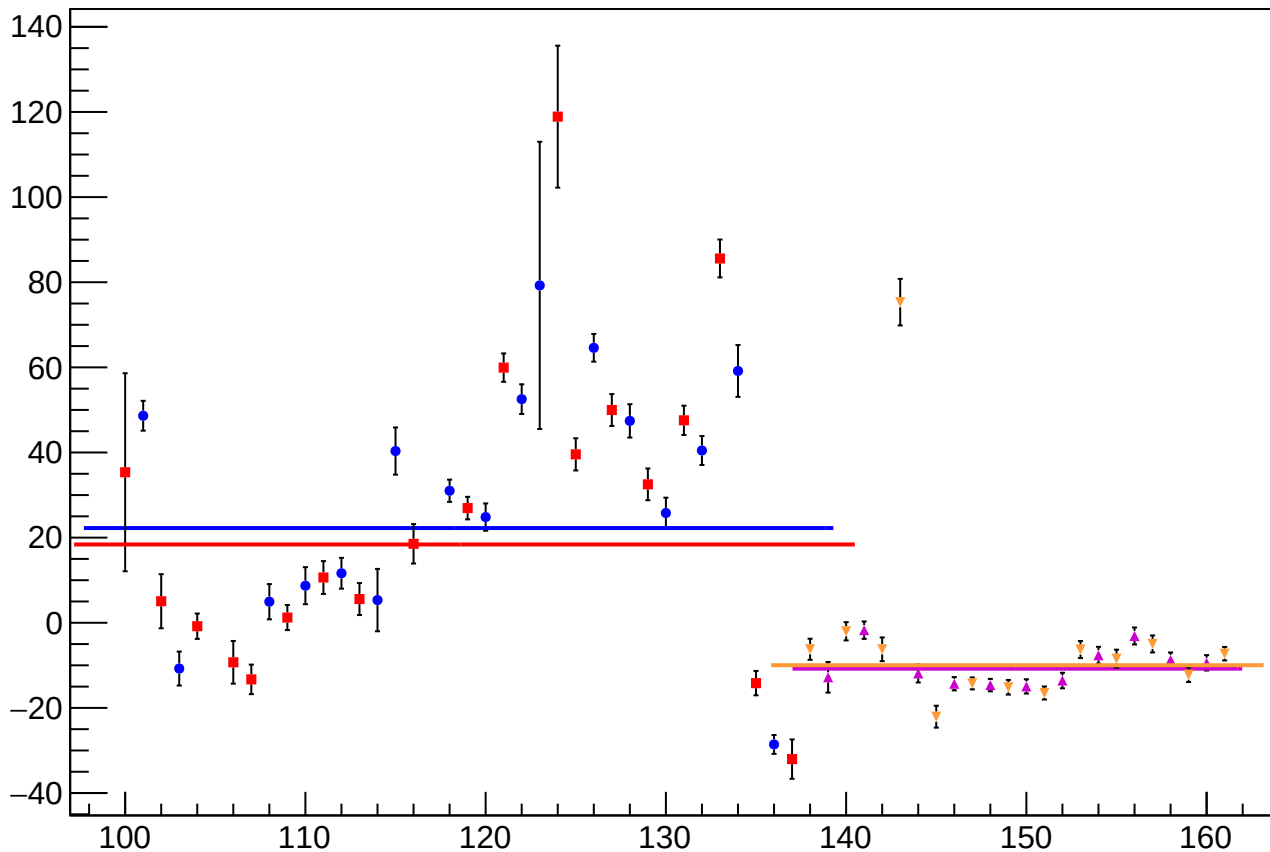
Left In: 44.394 $\pm$ 0.665 χ^2 /NDF: 304.8/10

+ sign 56.763 $\pm$ 0.593 χ^2 /NDF: 6588.6/29

All: 57.427 $\pm$ 0.421 χ^2 /NDF: 11244.5/59

- sign 58.102 $\pm$ 0.598 χ^2 /NDF: 4653.3/29

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -9.974 $\pm$ 0.541 χ^2 /NDF:333.8/12

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

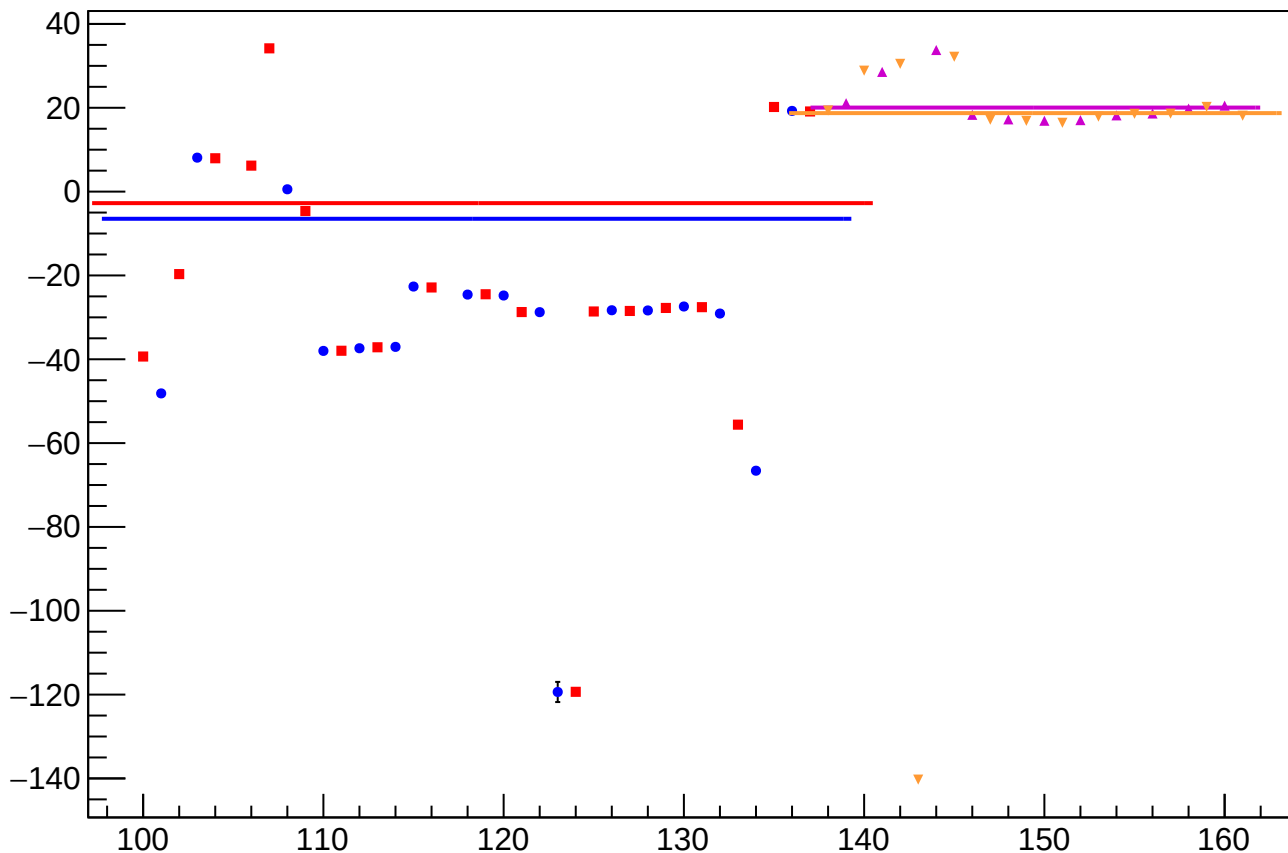
Left In: -10.776 $\pm$ 0.558 χ^2 /NDF:60.2/10

+ sign -1.273 $\pm$ 0.462 χ^2 /NDF: 2364.0/29

All: -1.783 $\pm$ 0.329 χ^2 /NDF: 4298.4/59

- sign -2.310 $\pm$ 0.470 χ^2 /NDF: 1931.9/29

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 18.726 ± 0.026 χ^2/NDF : 348985.5/12

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

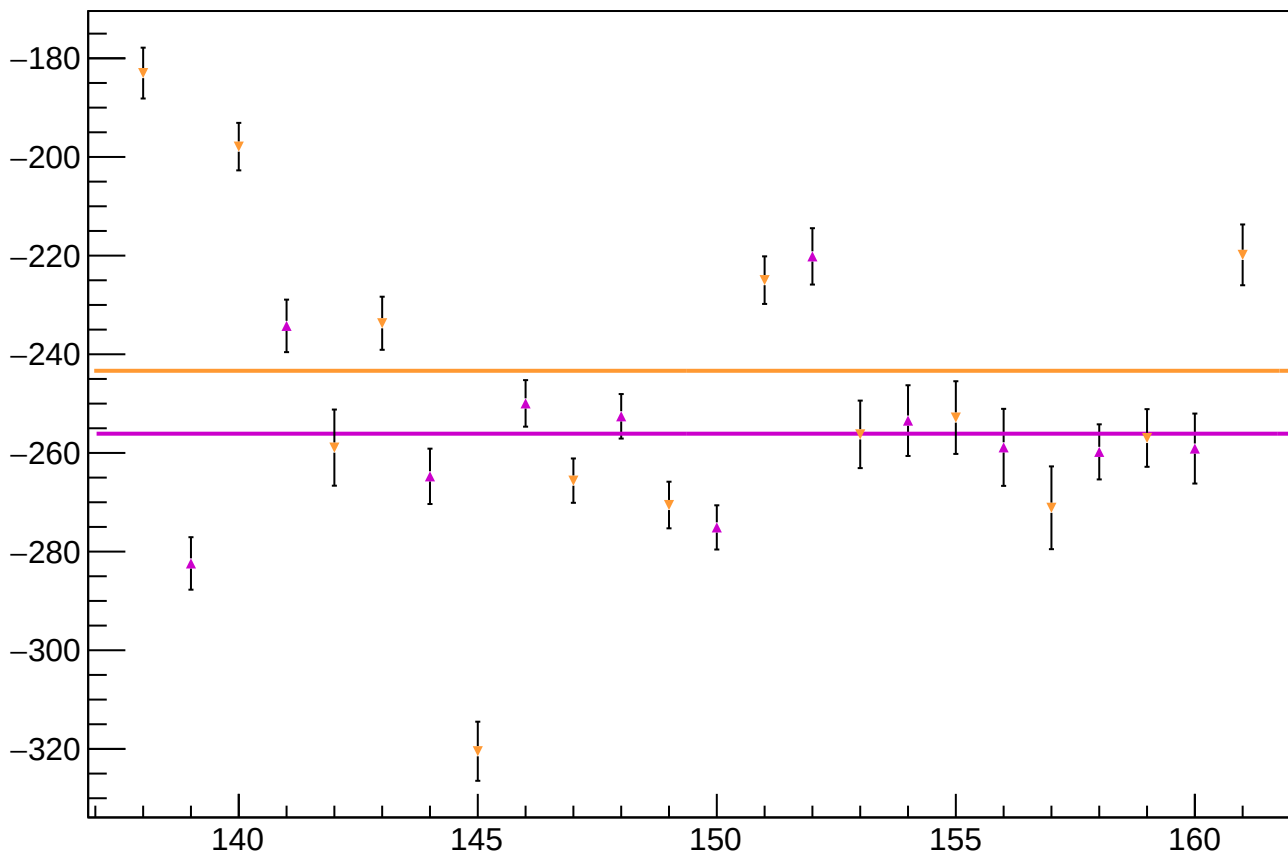
Left In: 20.046 ± 0.026 χ^2/NDF : 25893.5/10

+ sign 12.823 ± 0.022 χ^2/NDF : 843156.8/29

All: 13.662 ± 0.016 χ^2/NDF : 1326806.0/59

- sign 14.513 ± 0.023 χ^2/NDF : 480807.4/29

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -243.346+/-1.568 χ^2/NDF : 507.6/12

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

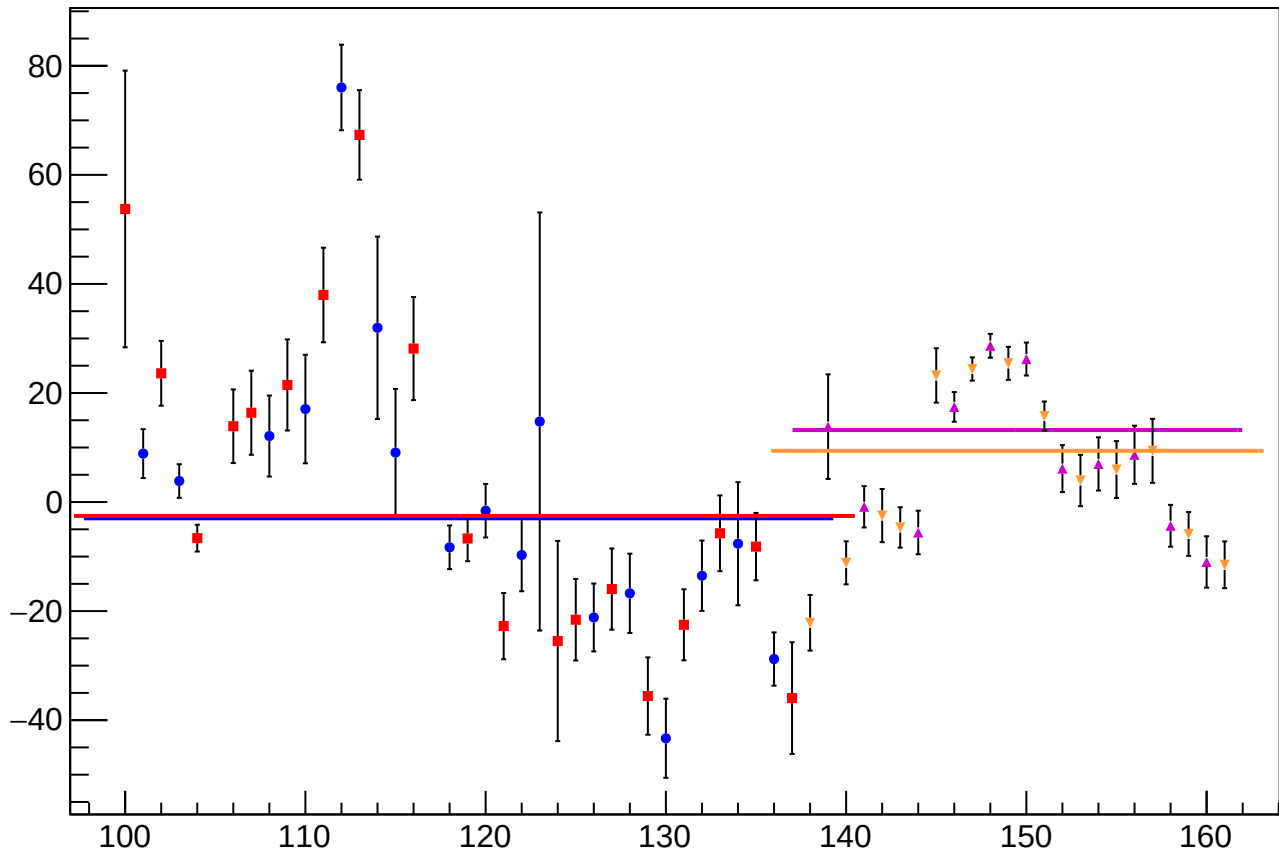
Left In: -256.098+/-1.656 χ^2/NDF : 104.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.374+/-1.139 χ^2/NDF : 643.3/23

- 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: 9.397 ± 1.023 χ^2/NDF : 216.8/12

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

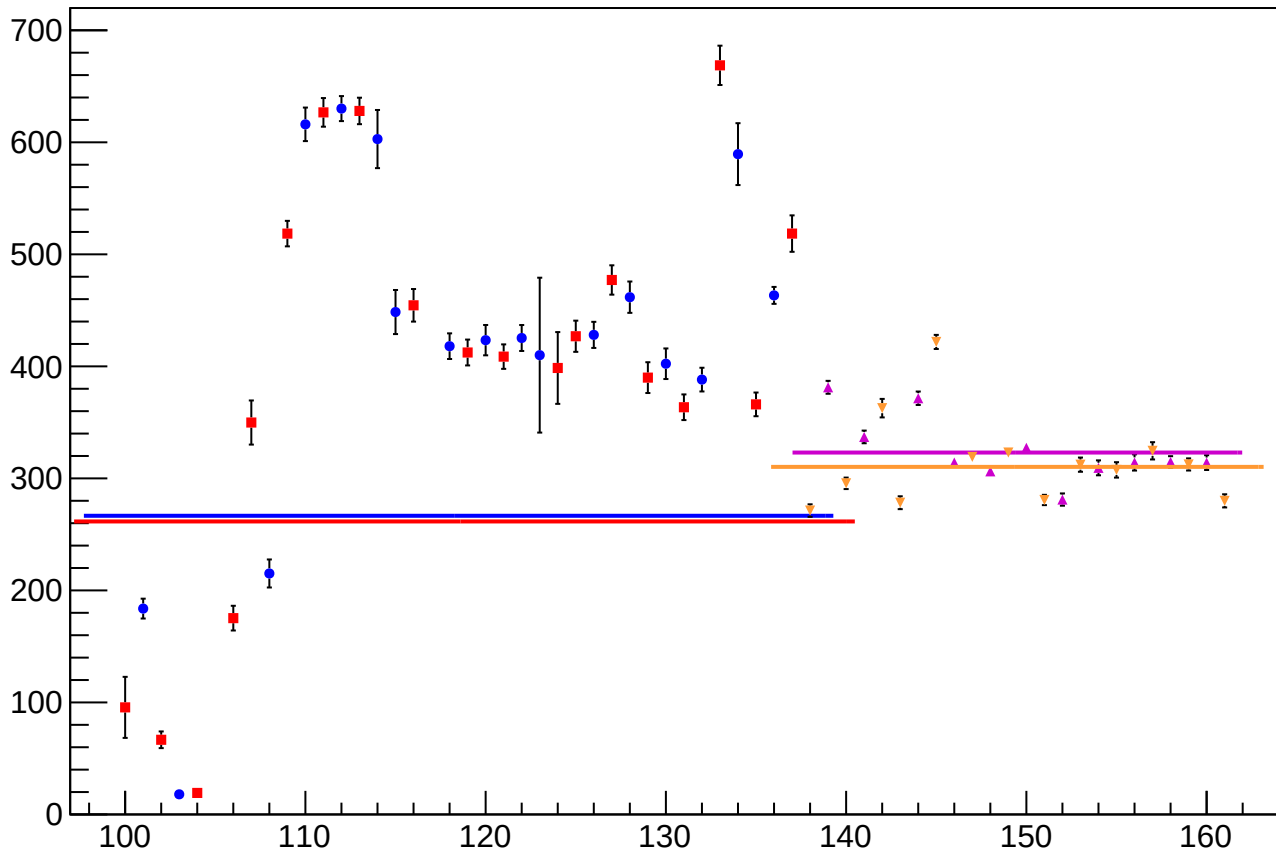
Left In: 13.205 ± 1.091 χ^2/NDF : 159.2/10

+ sign 5.285 ± 0.836 χ^2/NDF : 469.3/29

All: 6.239 ± 0.599 χ^2/NDF : 928.2/59

- sign 7.249 ± 0.860 χ^2/NDF : 456.2/29

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 310.270 $\pm$ 1.540 χ^2 /NDF: 527.2/12

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

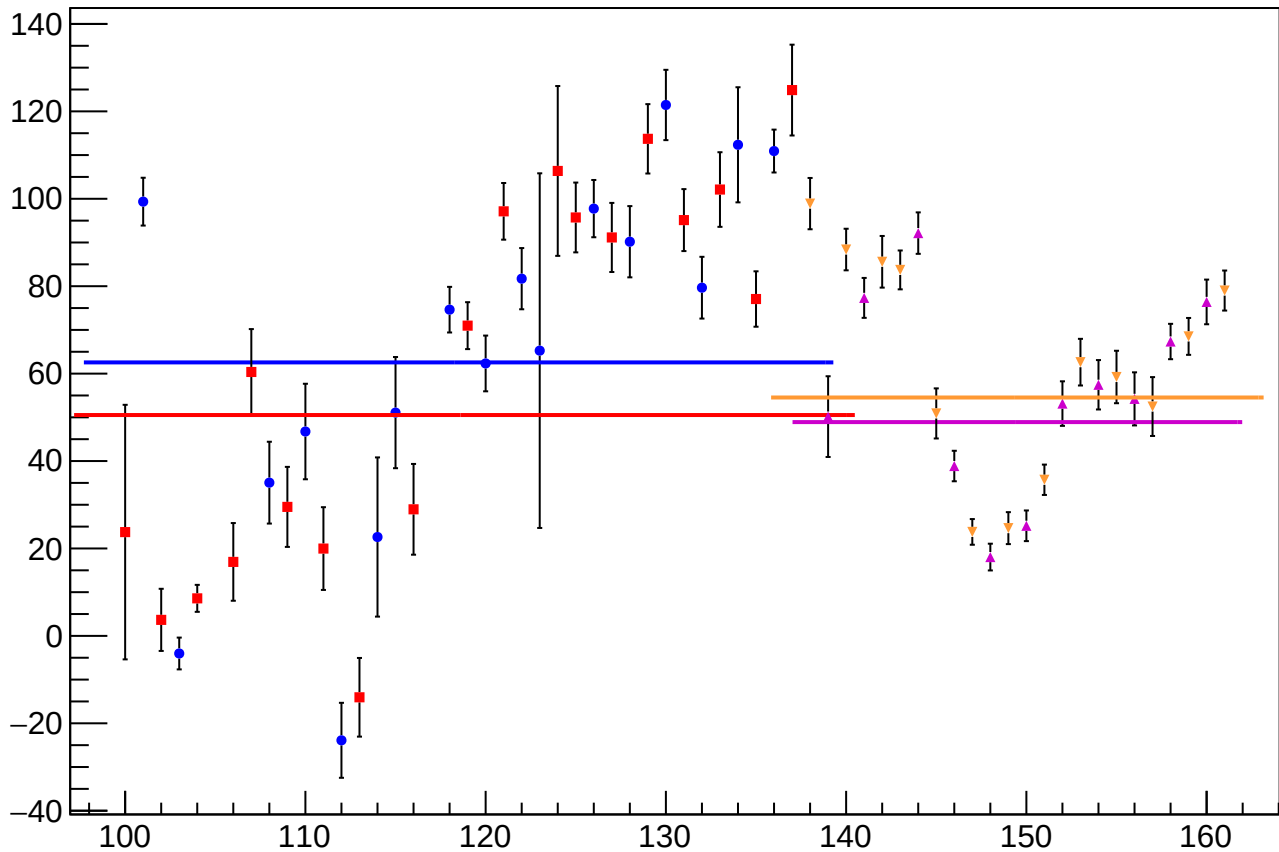
Left In: 323.063 $\pm$ 1.608 χ^2 /NDF: 263.2/10

+ sign 298.099 $\pm$ 1.308 χ^2 /NDF: 8413.7/29

All: 301.271 $\pm$ 0.938 χ^2 /NDF: 17335.8/59

- sign 304.627 $\pm$ 1.346 χ^2 /NDF: 8910.0/29

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF : 722.4/16

Left Out: 54.538+/-1.245 χ^2/NDF : 427.1/12

Right Out: 50.526+/-1.643 χ^2/NDF : 657.0/18

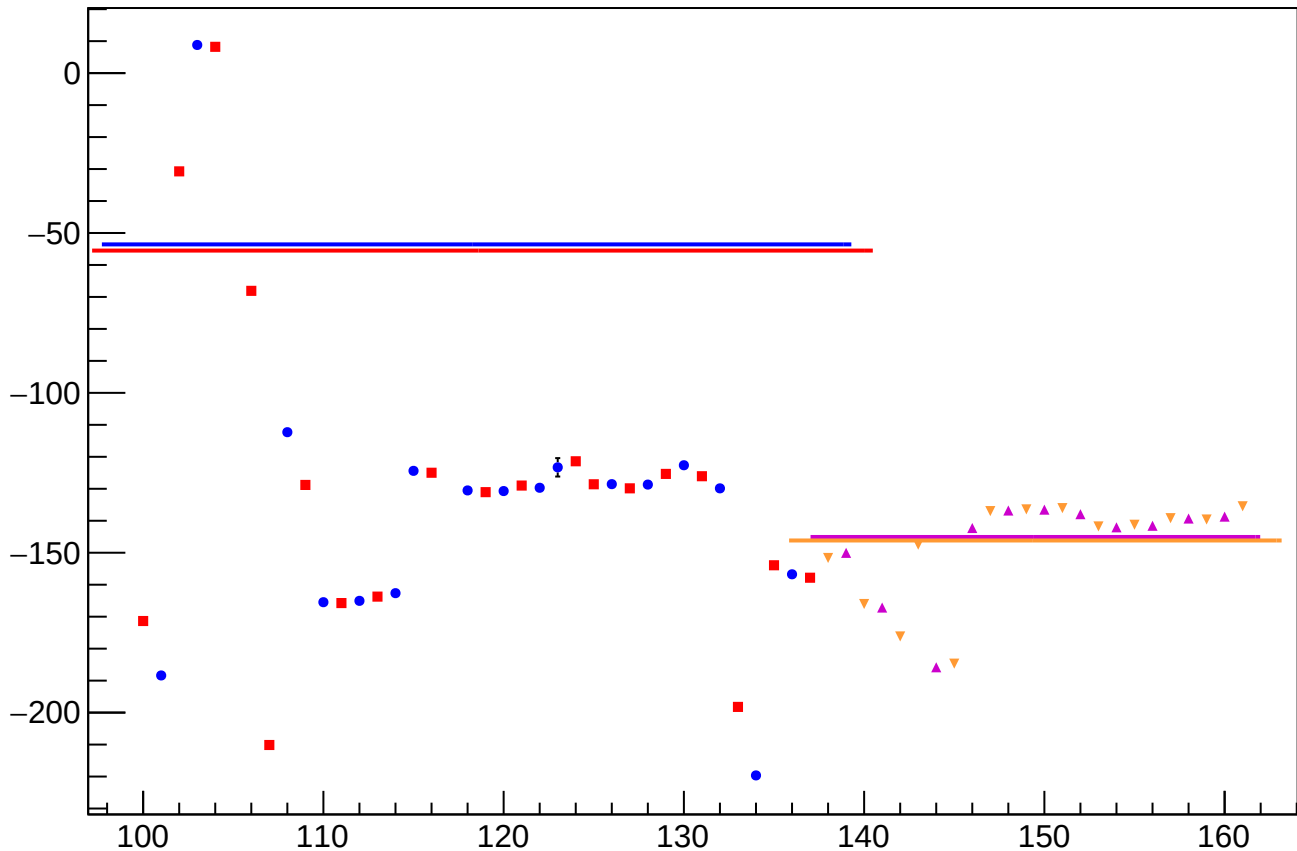
Left In: 48.910+/-1.324 χ^2/NDF : 331.2/10

+ sign 57.388+/-1.000 χ^2/NDF : 1164.3/29

All: 53.587+/-0.718 χ^2/NDF : 2183.0/59

- sign 49.546+/-1.031 χ^2/NDF : 988.8/29

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -146.170 ± 0.062 χ^2/NDF : 53063.7/12

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

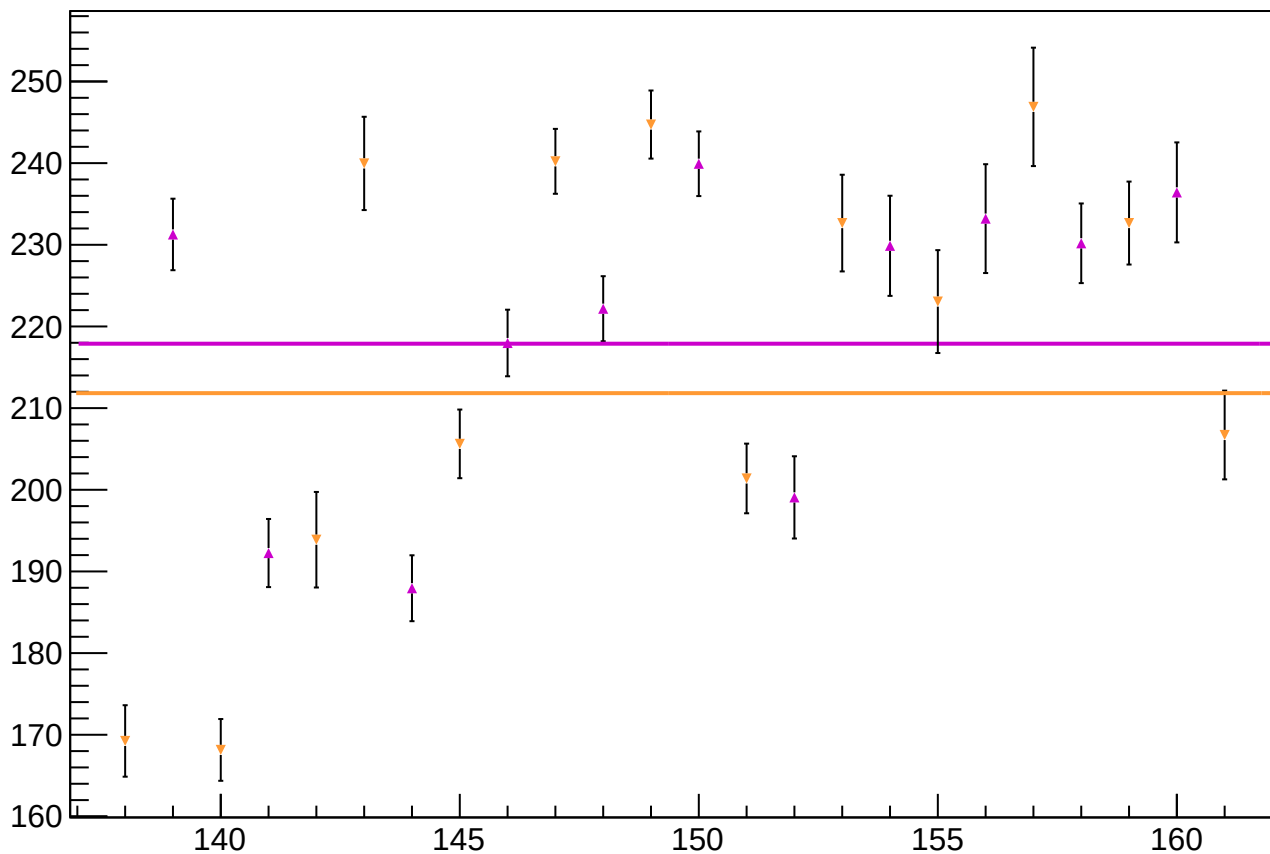
Left In: -145.073 ± 0.064 χ^2/NDF : 41607.8/10

+ sign -105.741 ± 0.046 χ^2/NDF : 2261651.3/29

All: -105.690 ± 0.033 χ^2/NDF : 4141384.6/59

- sign -105.637 ± 0.048 χ^2/NDF : 1879730.9/29

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 211.834+/-1.337 χ^2/NDF : 439.9/12

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

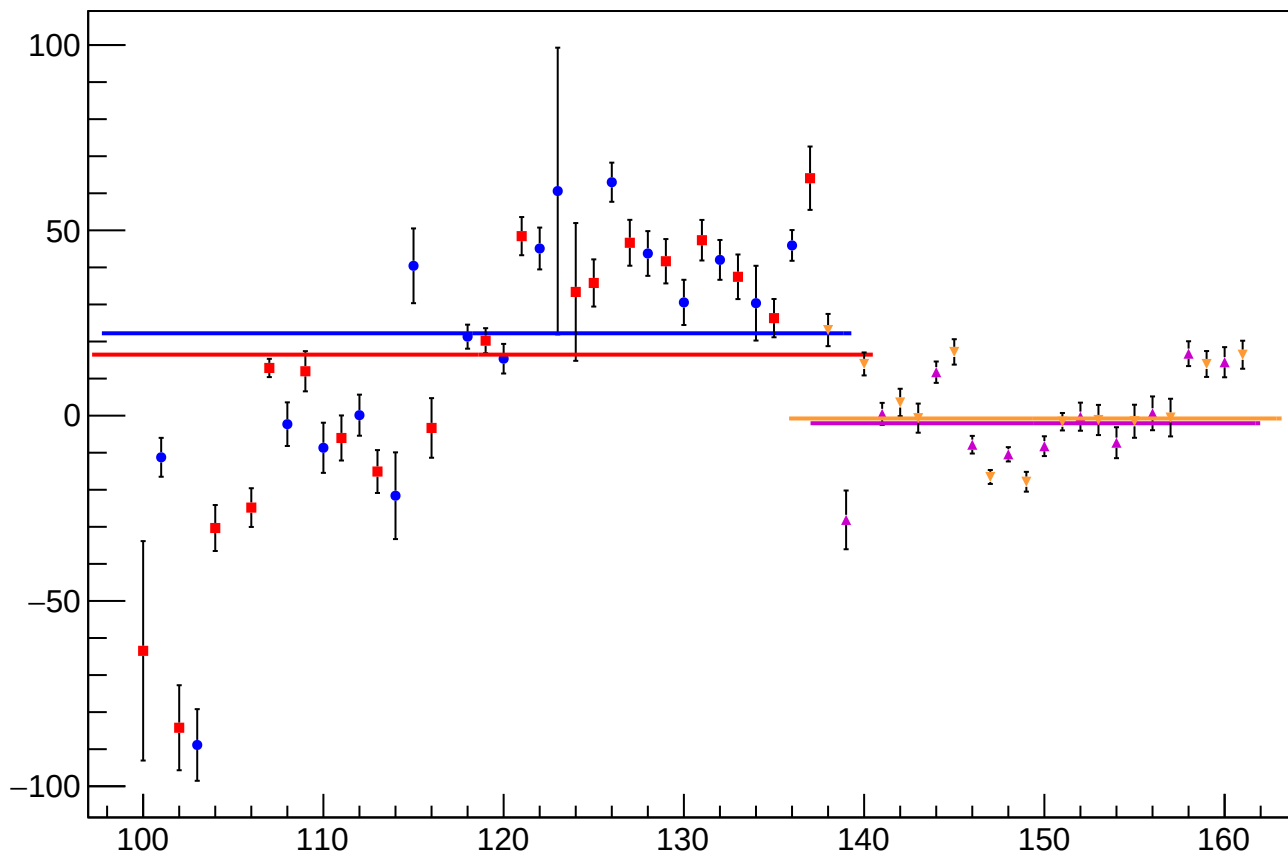
Left In: 217.888+/-1.393 χ^2/NDF : 172.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.736+/-0.964 χ^2/NDF : 622.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-1.374 χ^2/NDF : 385.6/16

Left Out: -0.763+/-0.883 χ^2/NDF : 231.0/12

Right Out: 16.466+/-1.230 χ^2/NDF : 425.9/18

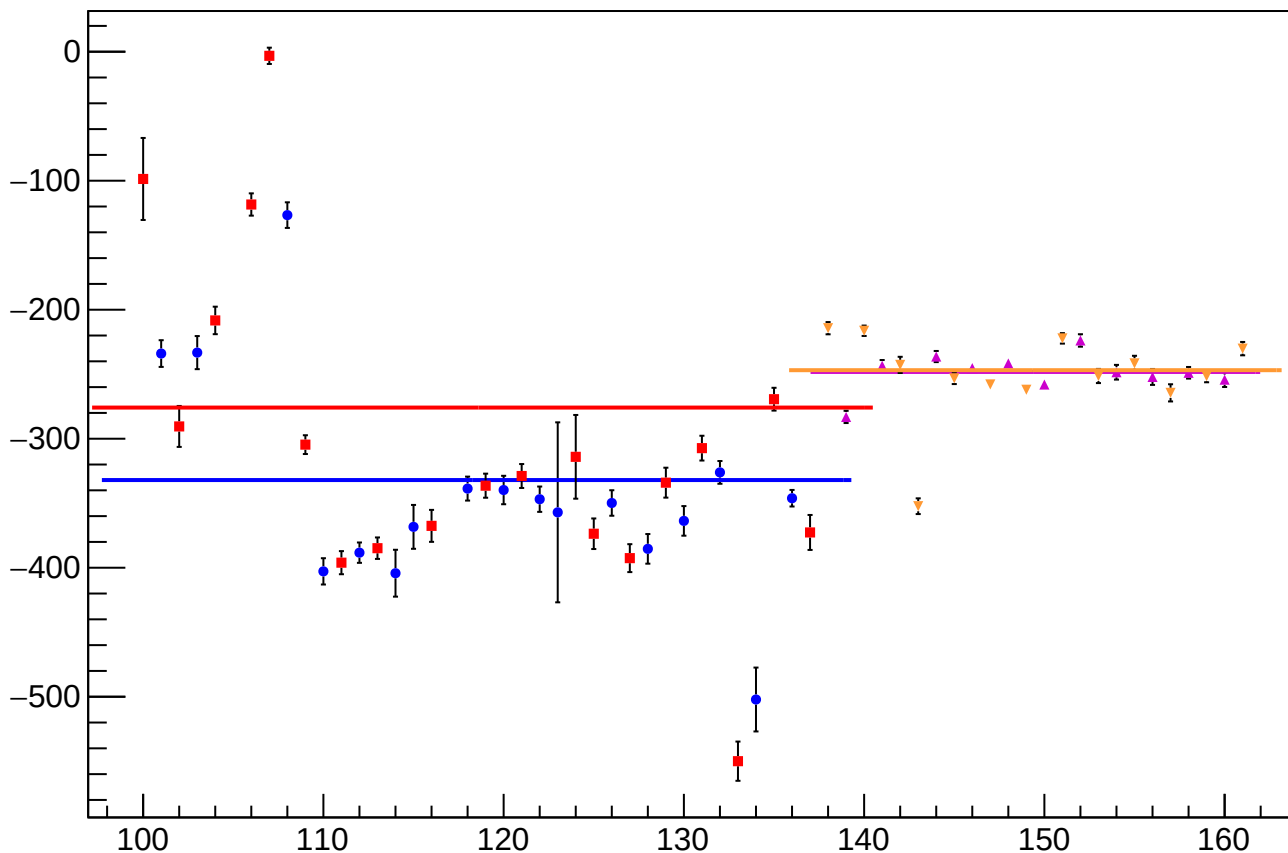
Left In: -2.045+/-0.929 χ^2/NDF : 114.4/10

+ sign 5.953+/-0.743 χ^2/NDF : 814.8/29

All: 5.316+/-0.525 χ^2/NDF : 1500.8/59

- sign 4.682+/-0.741 χ^2/NDF : 684.6/29

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 $\chi^2/\text{NDF}: 784.9/16$

Left Out: -246.881 ± 1.319 $\chi^2/\text{NDF}: 486.8/12$

Right Out: -275.853 ± 2.324 $\chi^2/\text{NDF}: 3362.8/18$

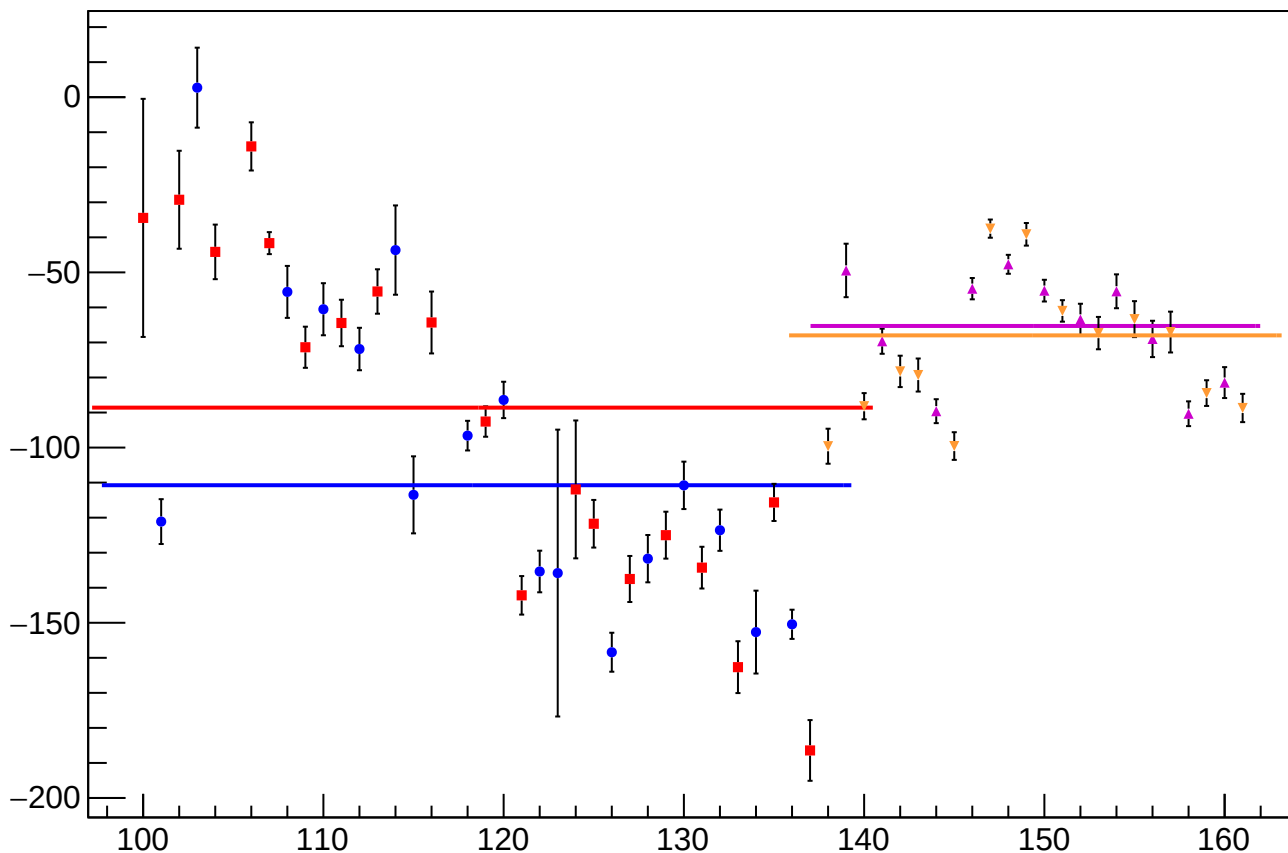
Left In: -248.215 ± 1.361 $\chi^2/\text{NDF}: 100.8/10$

+ sign -264.723 ± 1.173 $\chi^2/\text{NDF}: 2145.1/29$

All: -260.006 ± 0.830 $\chi^2/\text{NDF}: 5746.4/59$

- sign -255.273 ± 1.175 $\chi^2/\text{NDF}: 3568.9/29$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -67.979 ± 1.071 χ^2/NDF : 414.3/12

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

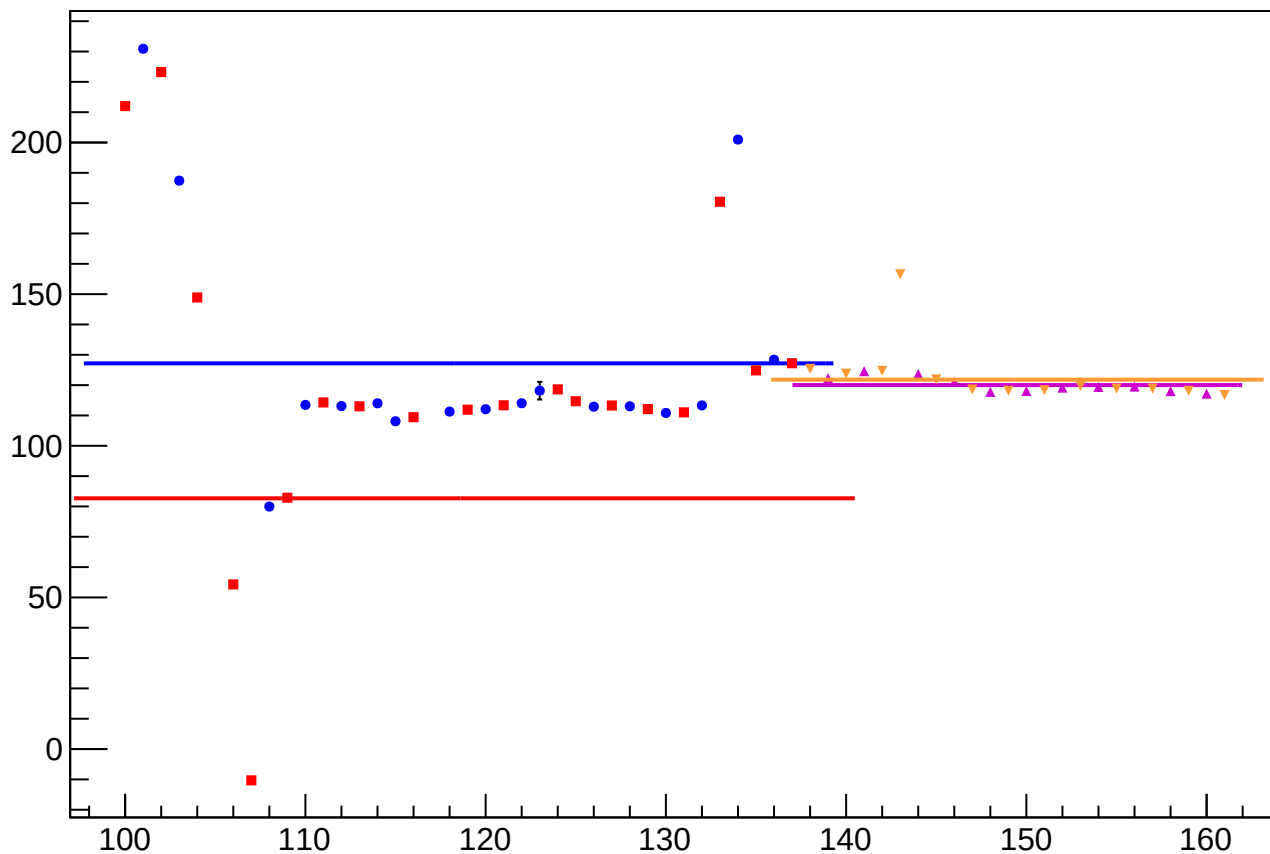
Left In: -65.292 ± 1.124 χ^2/NDF : 190.3/10

+ sign -81.479 ± 0.886 χ^2/NDF : 1430.7/29

All: -77.813 ± 0.626 χ^2/NDF : 2788.4/59

- sign -74.159 ± 0.885 χ^2/NDF : 1323.5/29

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 121.804 $\pm$ 0.053 χ^2 /NDF: 23630.0/12

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

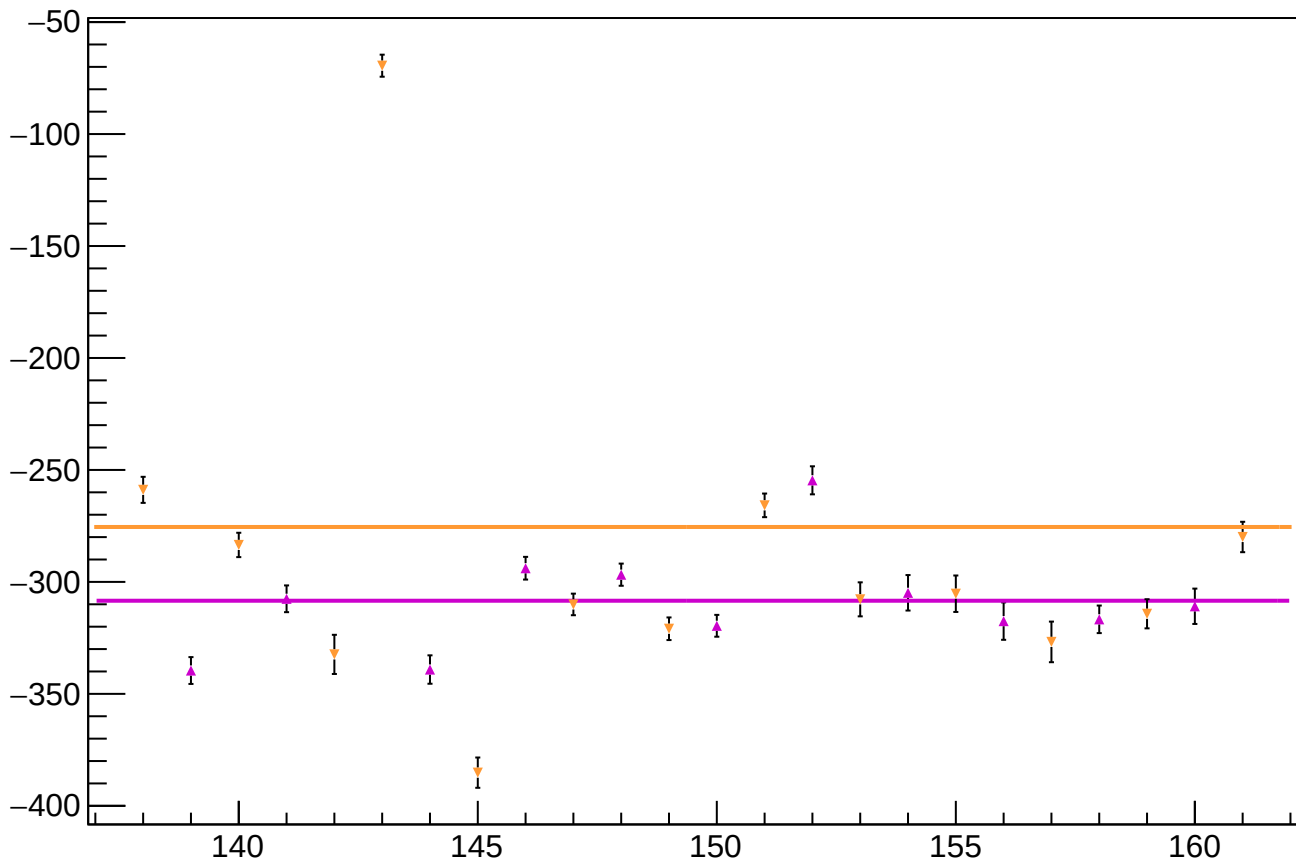
Left In: 120.027 $\pm$ 0.054 χ^2 /NDF: 1965.1/10

+ sign 123.207 $\pm$ 0.045 χ^2 /NDF: 214375.0/29

All: 114.990 $\pm$ 0.032 χ^2 /NDF: 1207453.8/59

- sign 107.333 $\pm$ 0.044 χ^2 /NDF: 930021.4/29

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -275.473+/-1.696 χ^2/NDF : 2301.7/12

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

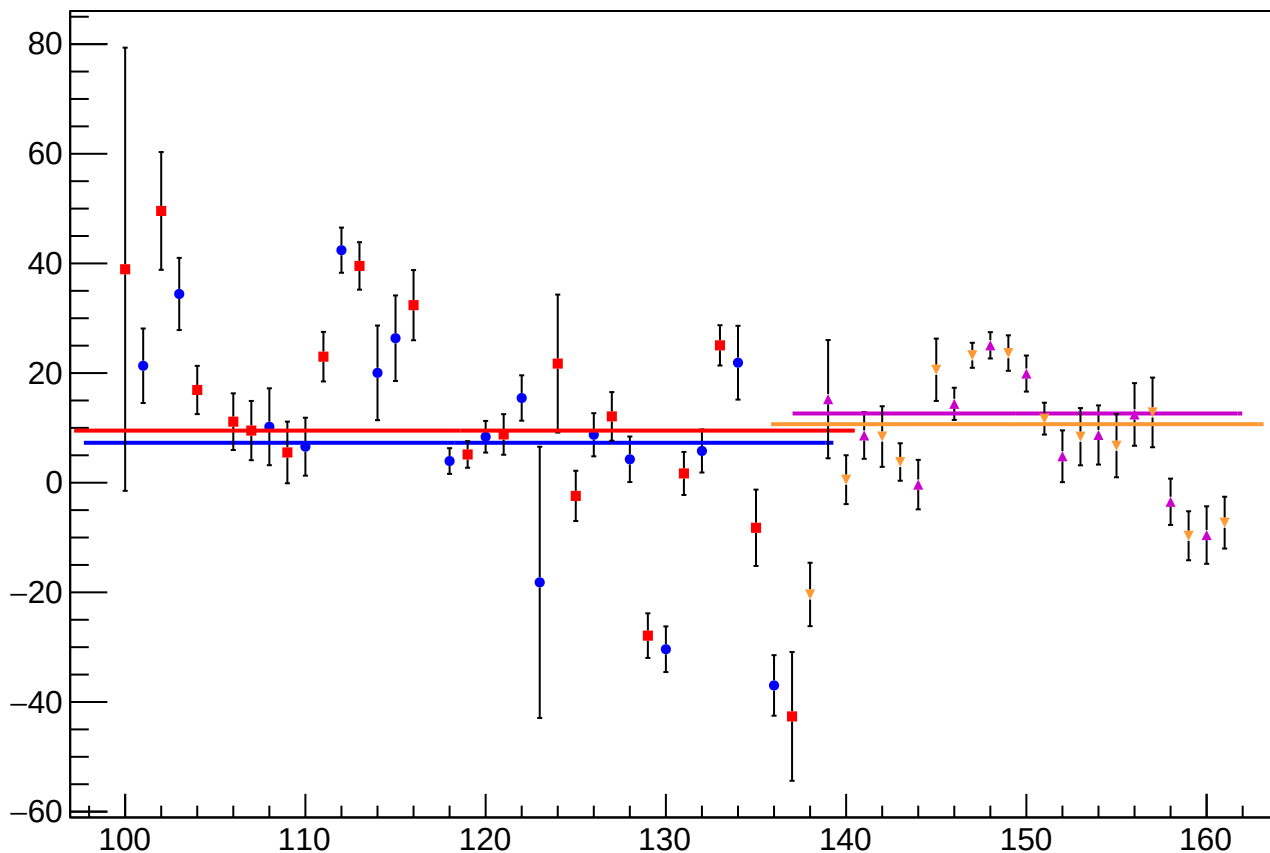
Left In: -308.411+/-1.823 χ^2/NDF : 146.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.749+/-1.242 χ^2/NDF : 2623.2/23

- 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 $\chi^2/\text{NDF}: 261.0/16$

Left Out: 10.674 ± 1.103 $\chi^2/\text{NDF}: 123.8/12$

Right Out: 9.505 ± 1.074 $\chi^2/\text{NDF}: 231.5/18$

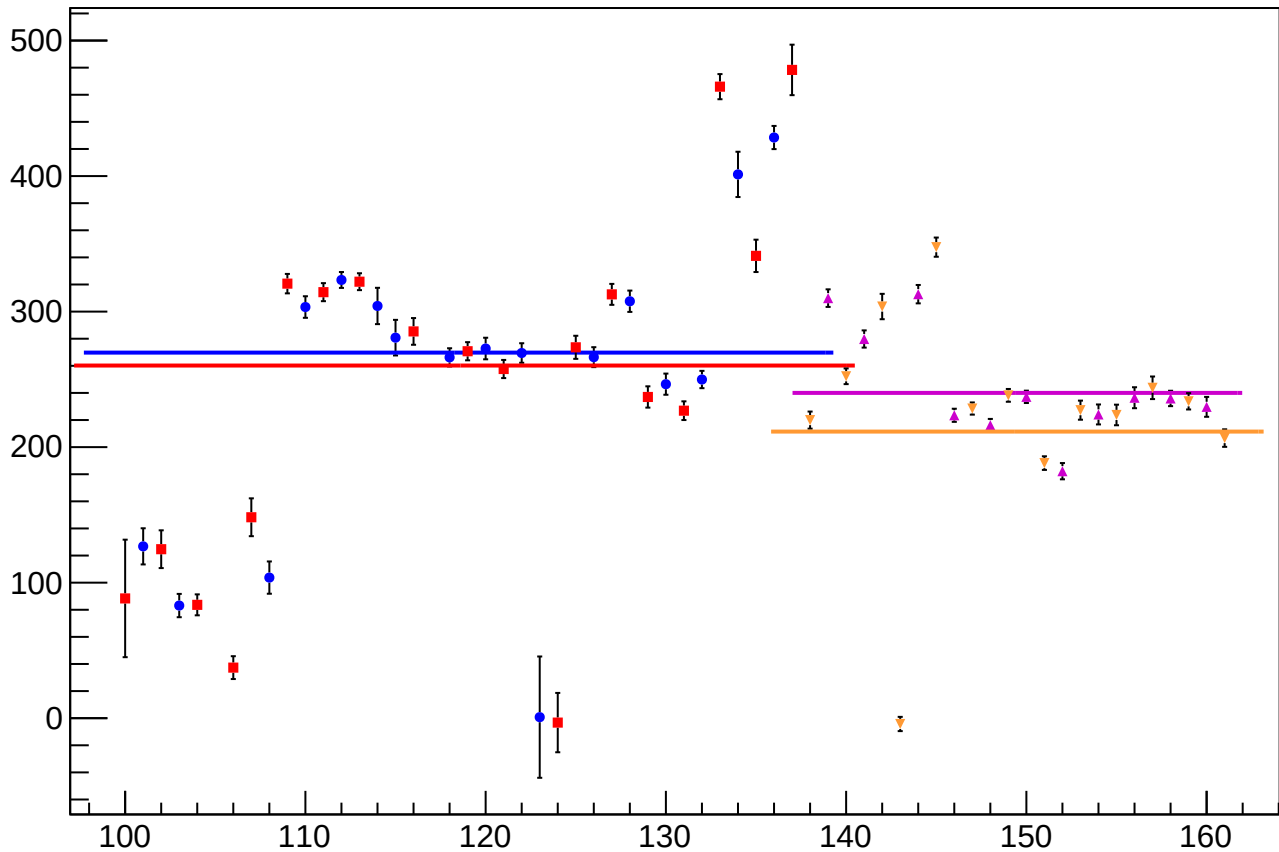
Left In: 12.628 ± 1.198 $\chi^2/\text{NDF}: 76.9/10$

+ sign 8.949 ± 0.773 $\chi^2/\text{NDF}: 389.6/29$

All: 9.890 ± 0.556 $\chi^2/\text{NDF}: 704.9/59$

- sign 10.897 ± 0.800 $\chi^2/\text{NDF}: 312.2/29$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 ± 2.071 $\chi^2/\text{NDF}: 1374.1/16$

Left Out: 211.479 ± 1.668 $\chi^2/\text{NDF}: 2307.7/12$

Right Out: 260.206 ± 1.978 $\chi^2/\text{NDF}: 2541.6/18$

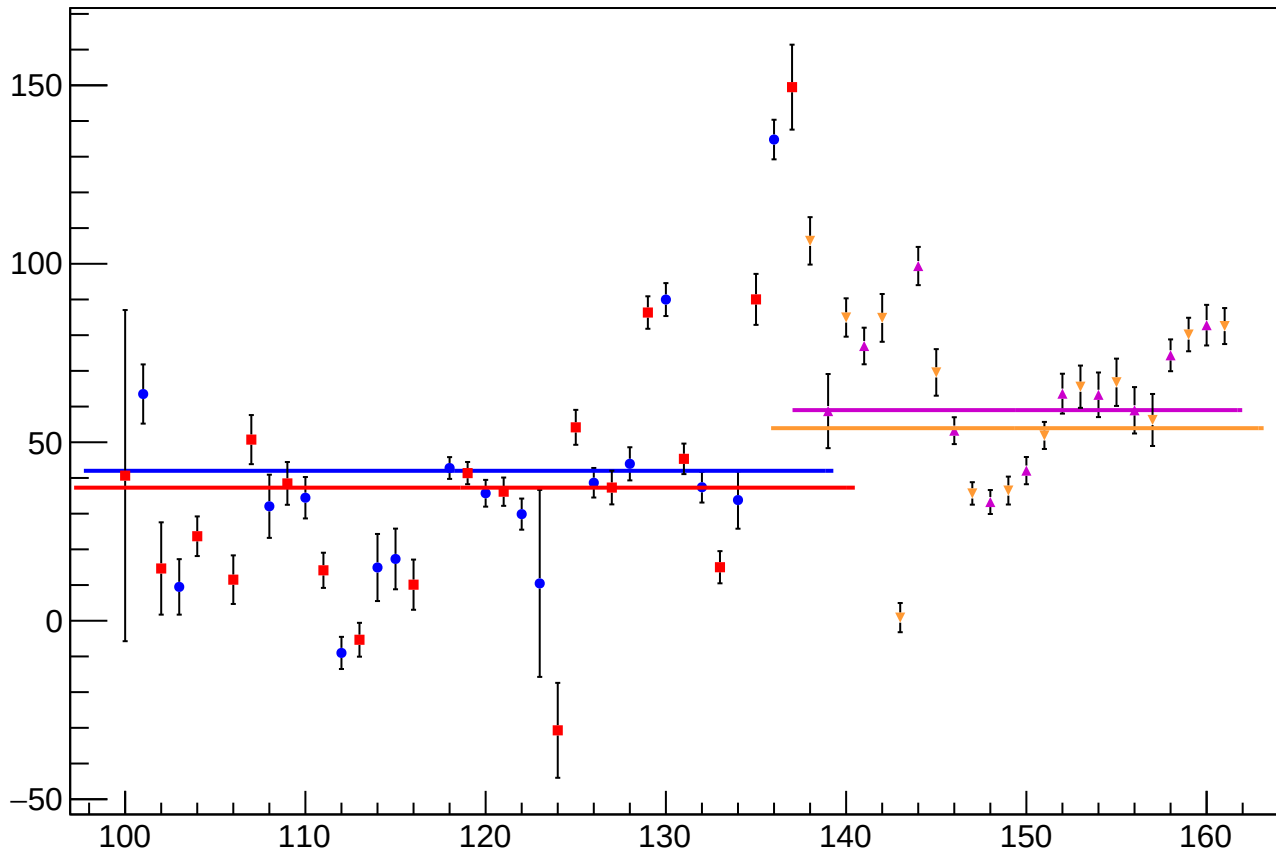
Left In: 240.019 ± 1.768 $\chi^2/\text{NDF}: 409.1/10$

+ sign 234.393 ± 1.299 $\chi^2/\text{NDF}: 4161.9/29$

All: 241.582 ± 0.925 $\chi^2/\text{NDF}: 7232.7/59$

- sign 248.985 ± 1.318 $\chi^2/\text{NDF}: 3008.6/29$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2 /NDF: 575.6/16

Left Out: 53.948 $\pm$ 1.344 χ^2 /NDF:416.1/12

Right Out: 37.284 $\pm$ 1.237 χ^2 /NDF: 472.6/18

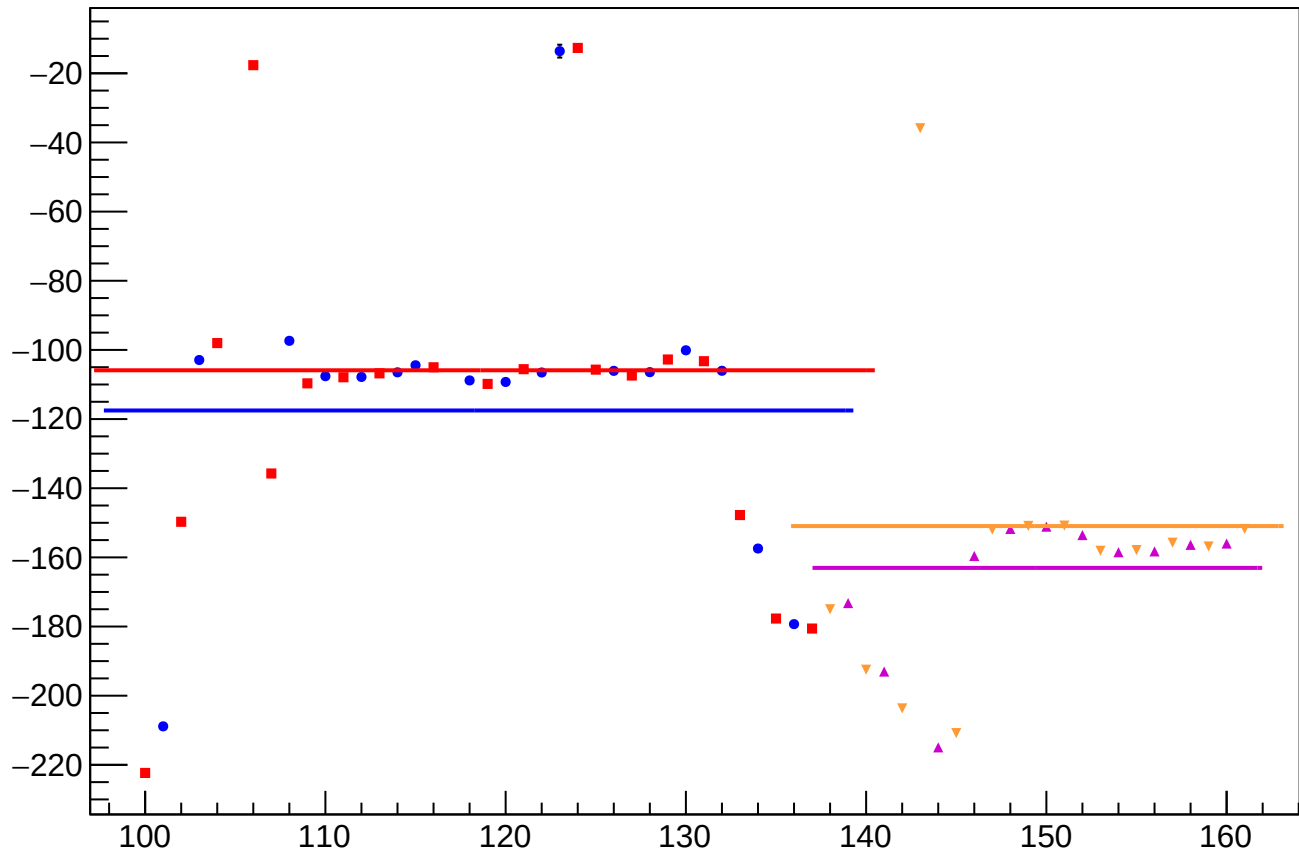
Left In: 59.006 $\pm$ 1.454 χ^2 /NDF:180.5/10

+ sign 47.570 $\pm$ 0.917 χ^2 /NDF: 1033.8/29

All: 47.003 $\pm$ 0.657 χ^2 /NDF: 1817.1/59

- sign 46.404 $\pm$ 0.942 χ^2 /NDF: 782.5/29

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516 ± 0.078 $\chi^2/\text{NDF}: 142016.6/16$

Left Out: -150.945 ± 0.067 $\chi^2/\text{NDF}: 403236.4/12$

Right Out: -105.892 ± 0.073 $\chi^2/\text{NDF}: 324304.4/18$

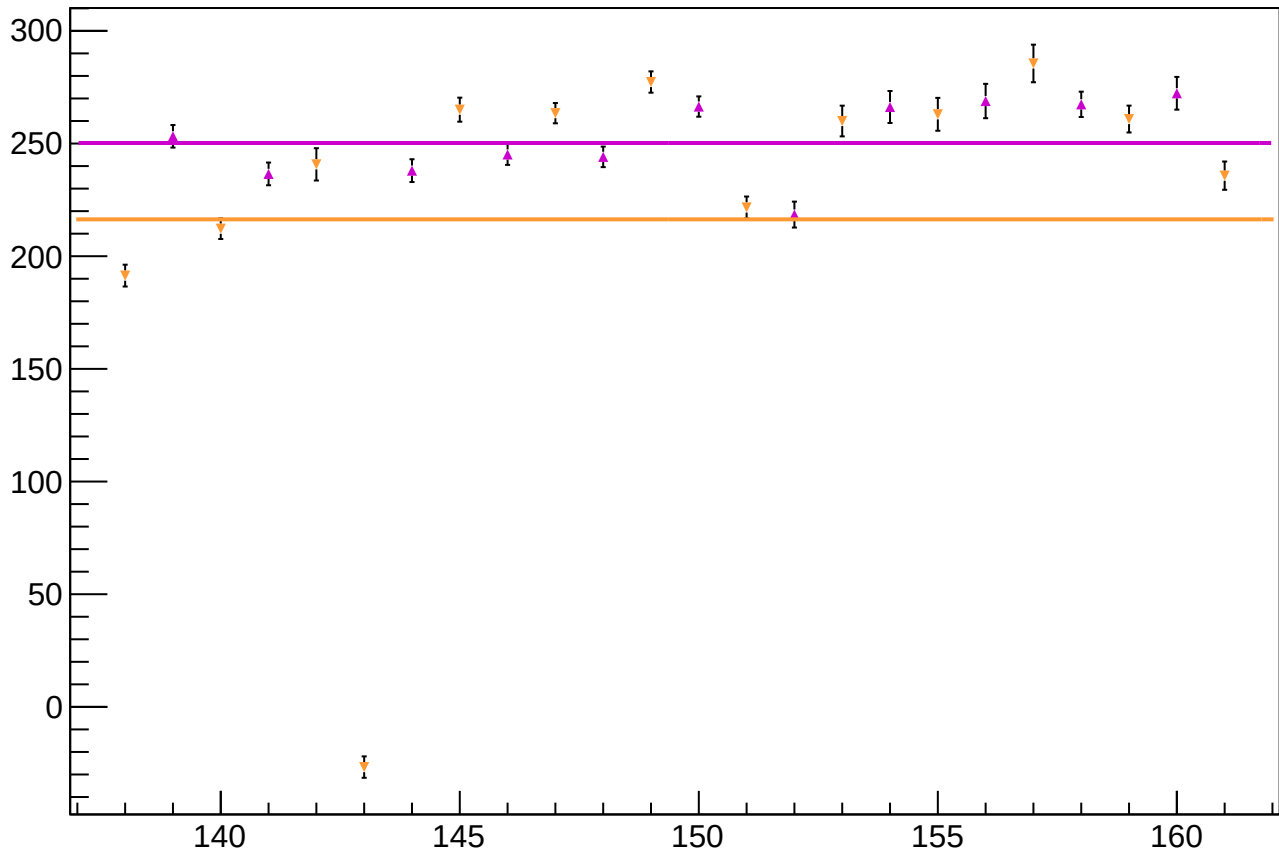
Left In: -163.039 ± 0.070 $\chi^2/\text{NDF}: 57330.1/10$

+ sign -136.743 ± 0.051 $\chi^2/\text{NDF}: 650896.5/29$

All: -136.125 ± 0.036 $\chi^2/\text{NDF}: 1352239.5/59$

- sign -135.514 ± 0.051 $\chi^2/\text{NDF}: 701048.9/29$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 216.361+/-1.518 χ^2/NDF : 3228.7/12

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

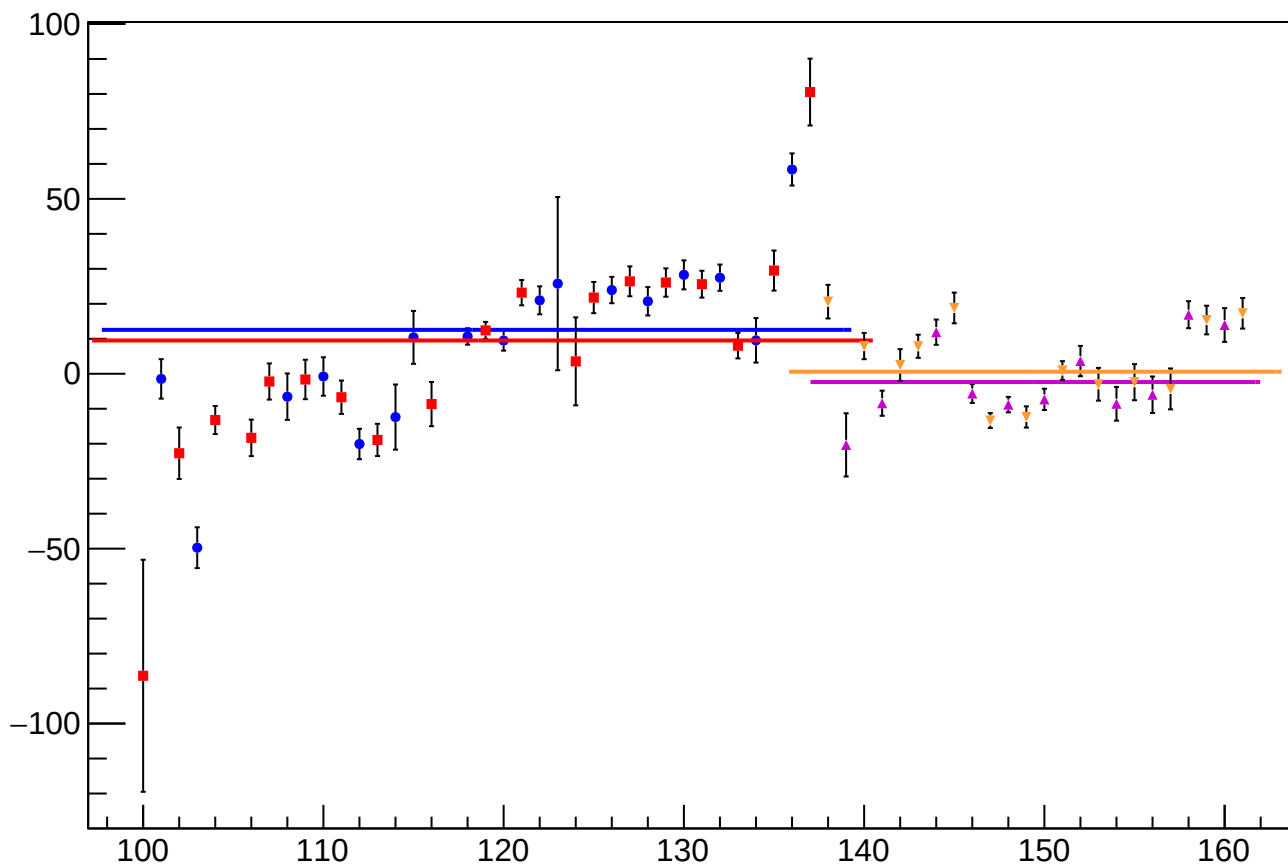
Left In: 250.241+/-1.622 χ^2/NDF : 89.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 232.181+/-1.108 χ^2/NDF : 3551.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561+/-1.056 χ^2/NDF : 347.7/16

Left Out: 0.585+/-1.000 χ^2/NDF :133.9/12

Right Out: 9.519+/-1.051 χ^2/NDF : 296.2/18

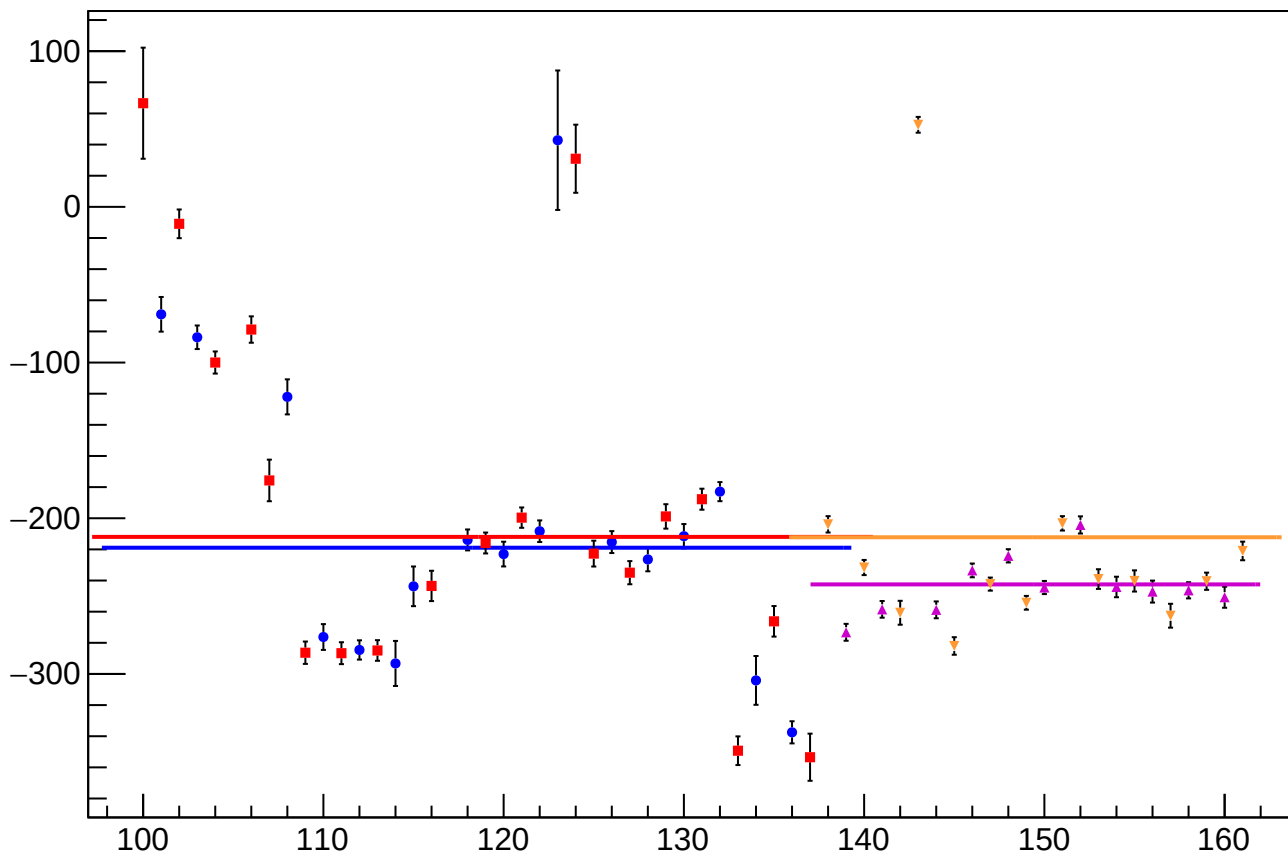
Left In: -2.359+/-1.078 χ^2/NDF :75.4/10

+ sign 6.251+/-0.726 χ^2/NDF : 549.4/29

All: 5.038+/-0.522 χ^2/NDF : 989.1/59

- sign 3.736+/-0.753 χ^2/NDF : 433.9/29

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -212.208 ± 1.500 $\chi^2/\text{NDF}: 3188.4/12$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

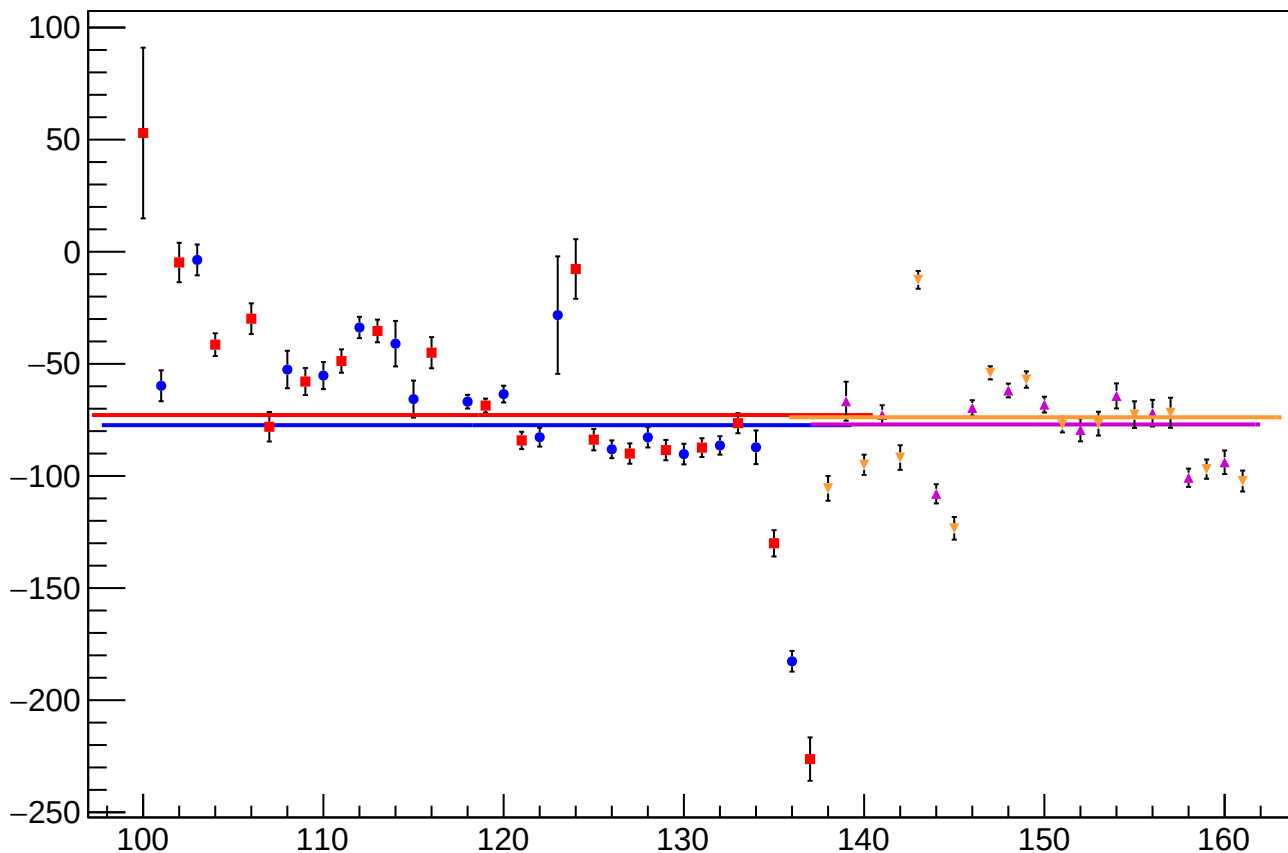
Left In: -242.486 ± 1.581 $\chi^2/\text{NDF}: 123.6/10$

+ sign -214.616 ± 1.201 $\chi^2/\text{NDF}: 4342.2/29$

All: -222.273 ± 0.856 $\chi^2/\text{NDF}: 6584.8/59$

- sign -230.191 ± 1.221 $\chi^2/\text{NDF}: 2160.0/29$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -73.814 ± 1.216 χ^2/NDF : 536.2/12

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

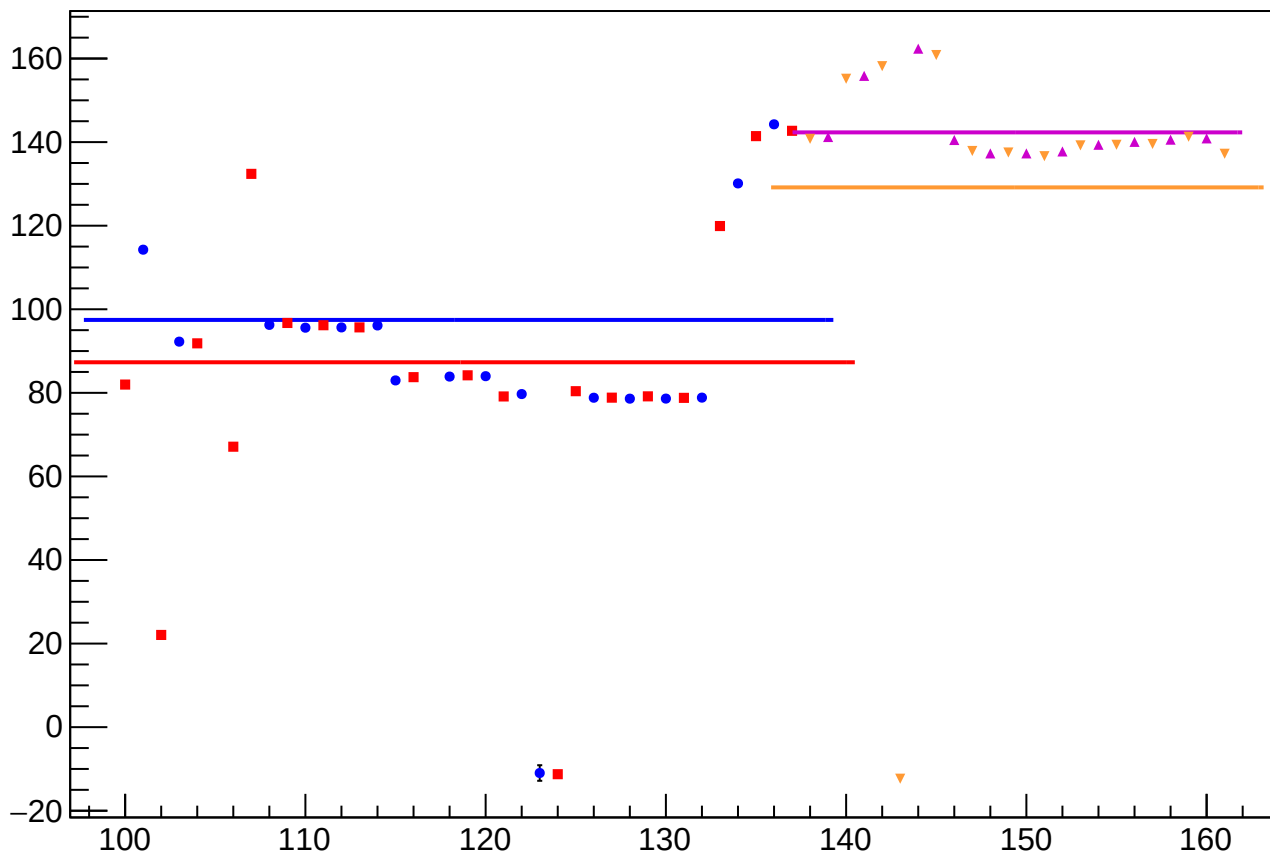
Left In: -77.028 ± 1.307 χ^2/NDF : 140.1/10

+ sign -75.572 ± 0.861 χ^2/NDF : 1357.7/29

All: -75.182 ± 0.618 χ^2/NDF : 2176.6/59

- sign -74.768 ± 0.887 χ^2/NDF : 818.5/29

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 129.164 $\pm$ 0.060 χ^2 /NDF: 548438.1/12

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

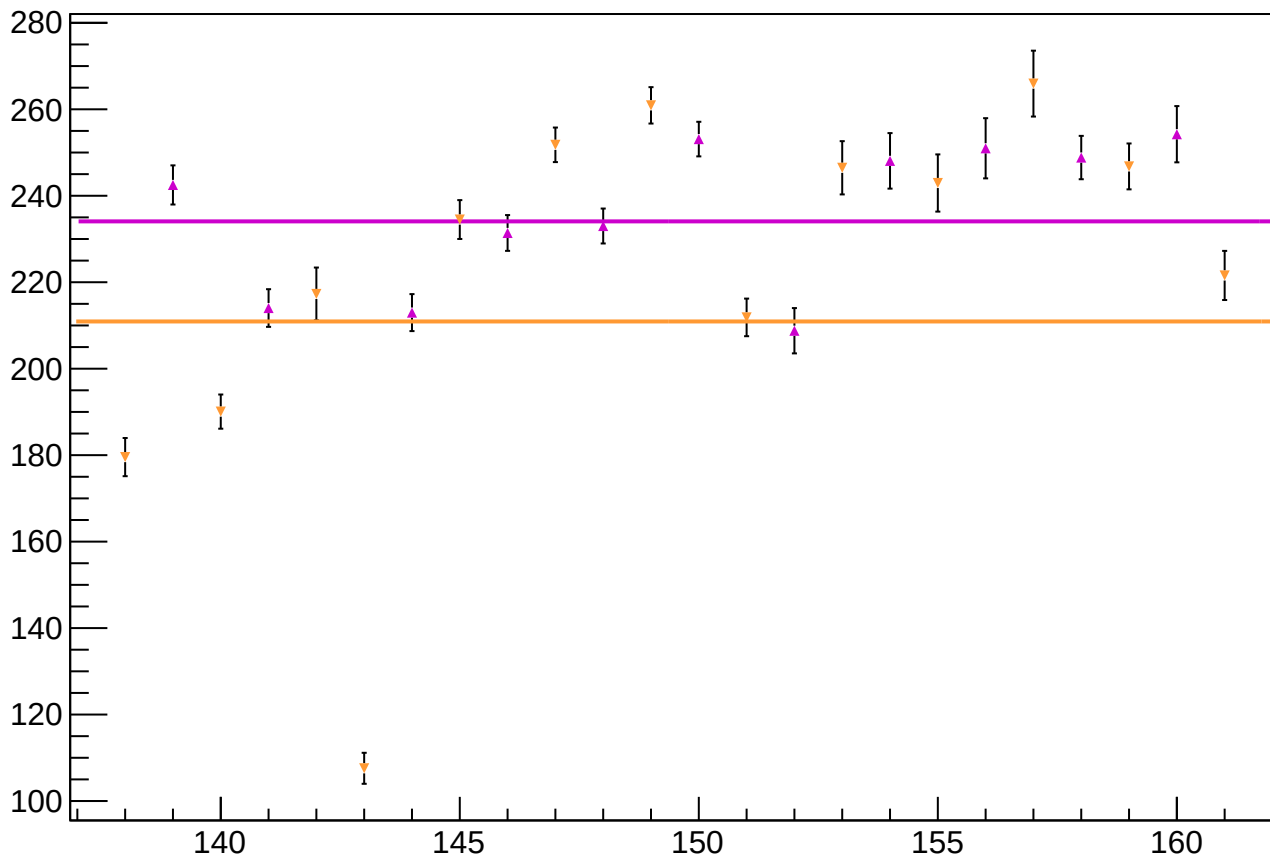
Left In: 142.328 $\pm$ 0.063 χ^2 /NDF: 13537.9/10

+ sign 116.381 $\pm$ 0.047 χ^2 /NDF: 754747.0/29

All: 116.766 $\pm$ 0.033 χ^2 /NDF: 1342648.6/59

- sign 117.144 $\pm$ 0.046 χ^2 /NDF: 587765.9/29

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: 210.926+/-1.320 χ^2/NDF :1341.7/12

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

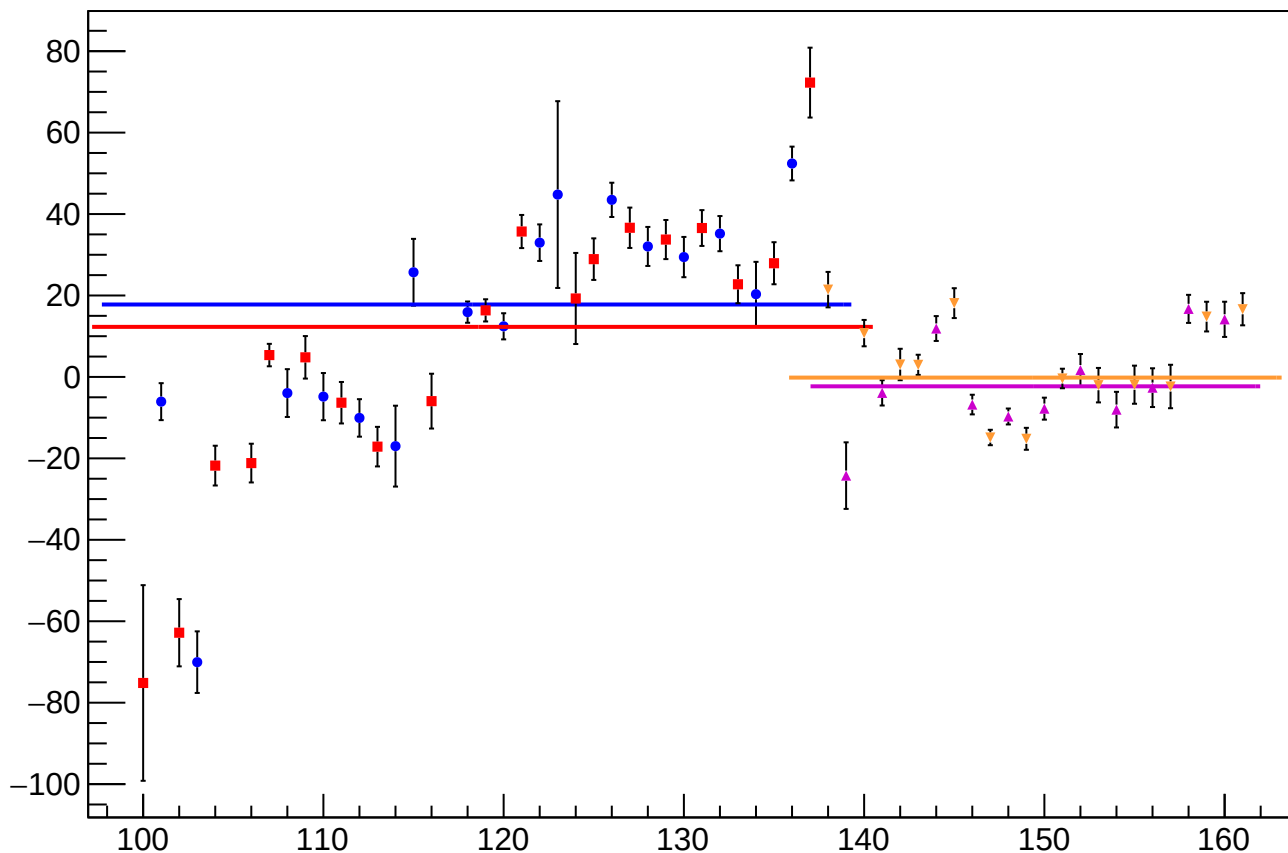
Left In: 234.075+/-1.439 χ^2/NDF :124.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.503+/-0.973 χ^2/NDF : 1606.6/23

- 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: -0.164 $\pm$ 0.871 χ^2 /NDF:190.0/12

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

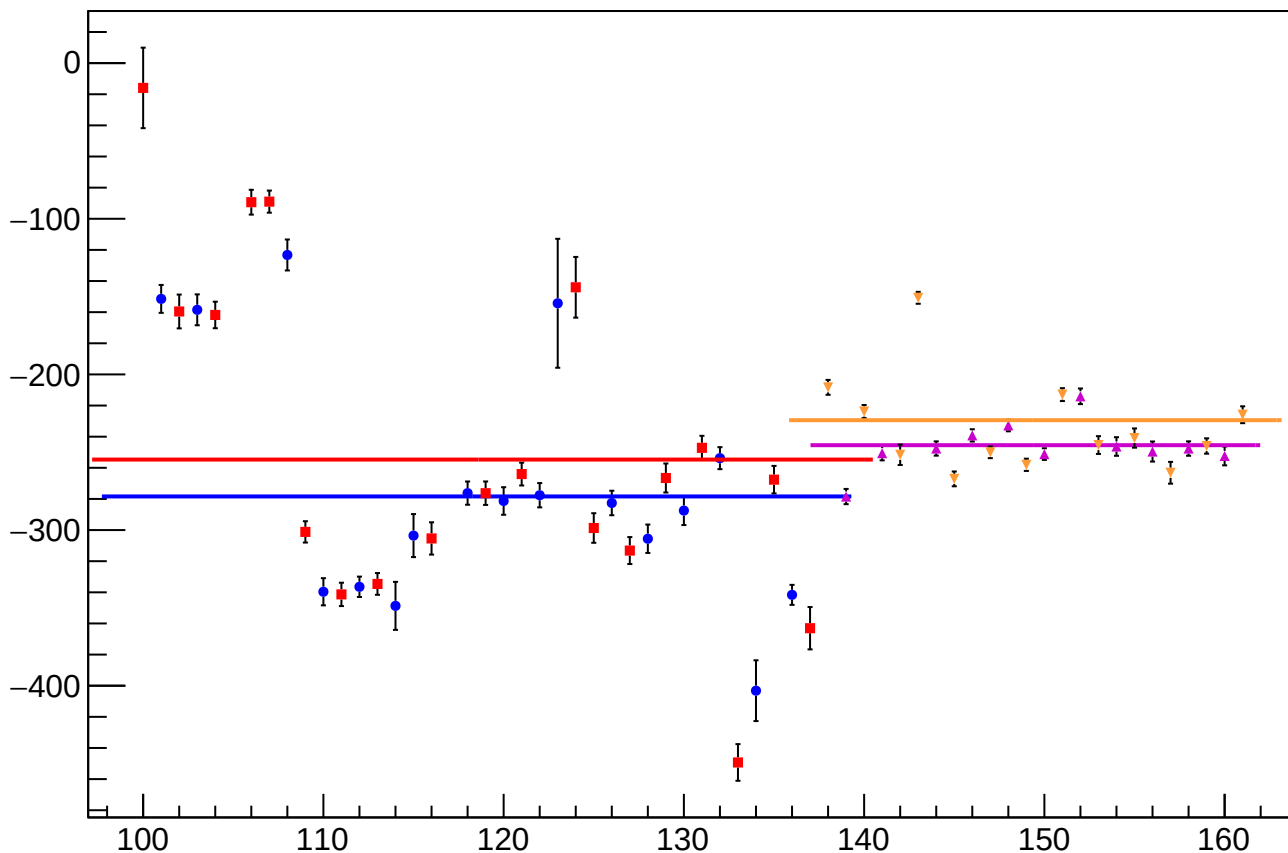
Left In: -2.308 $\pm$ 0.956 χ^2 /NDF:98.7/10

+ sign 6.402 $\pm$ 0.693 χ^2 /NDF: 740.7/29

All: 5.274 $\pm$ 0.499 χ^2 /NDF: 1390.4/59

- sign 4.066 $\pm$ 0.717 χ^2 /NDF: 644.3/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393 $\pm$ 2.168 χ^2 /NDF: 910.5/16

Left Out: -229.408 $\pm$ 1.310 χ^2 /NDF: 663.4/12

Right Out: -254.703 $\pm$ 2.020 χ^2 /NDF: 2038.5/18

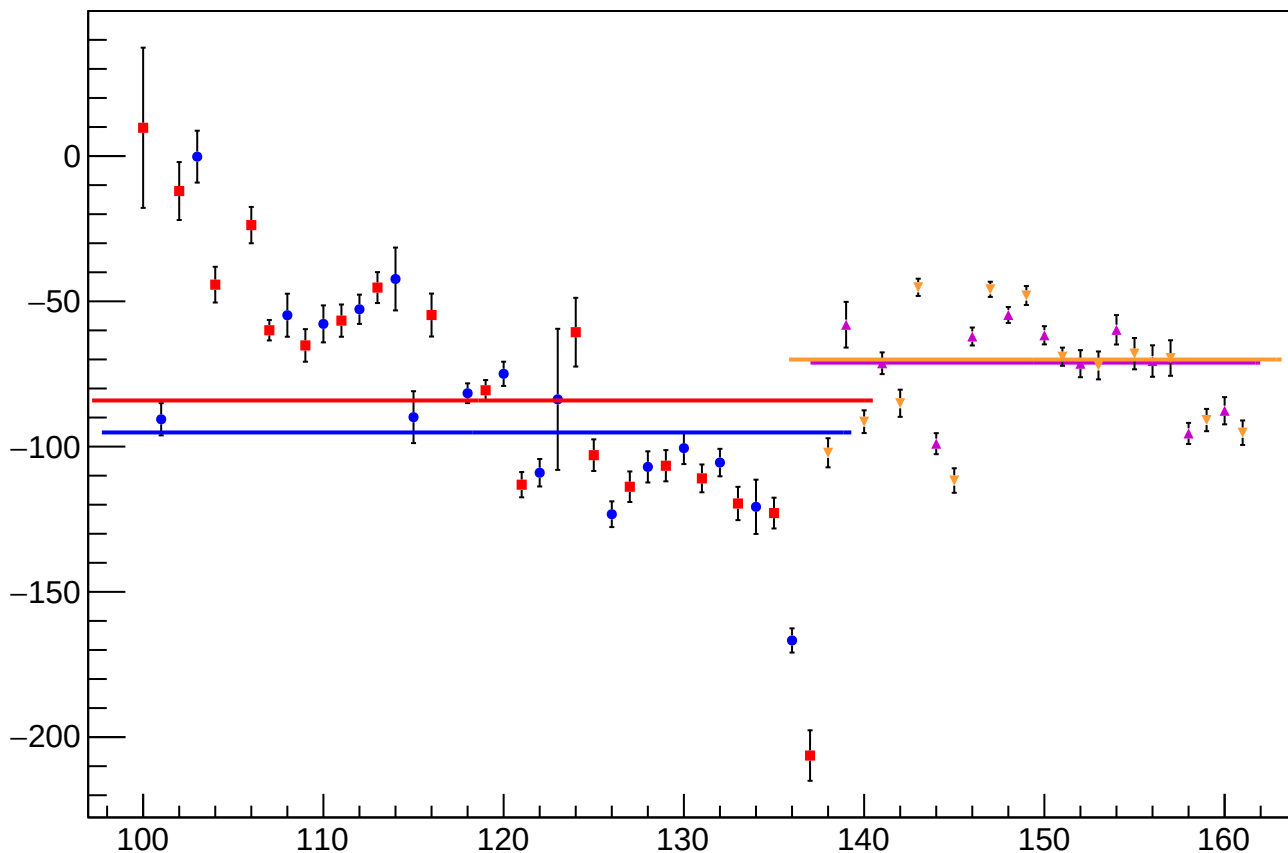
Left In: -245.465 $\pm$ 1.405 χ^2 /NDF: 104.1/10

+ sign -242.507 $\pm$ 1.121 χ^2 /NDF: 1948.1/29

All: -245.407 $\pm$ 0.804 χ^2 /NDF: 4118.6/59

- sign -248.476 $\pm$ 1.153 χ^2 /NDF: 2156.7/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Left Out: -70.032 ± 1.058 χ^2/NDF : 445.8/12

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

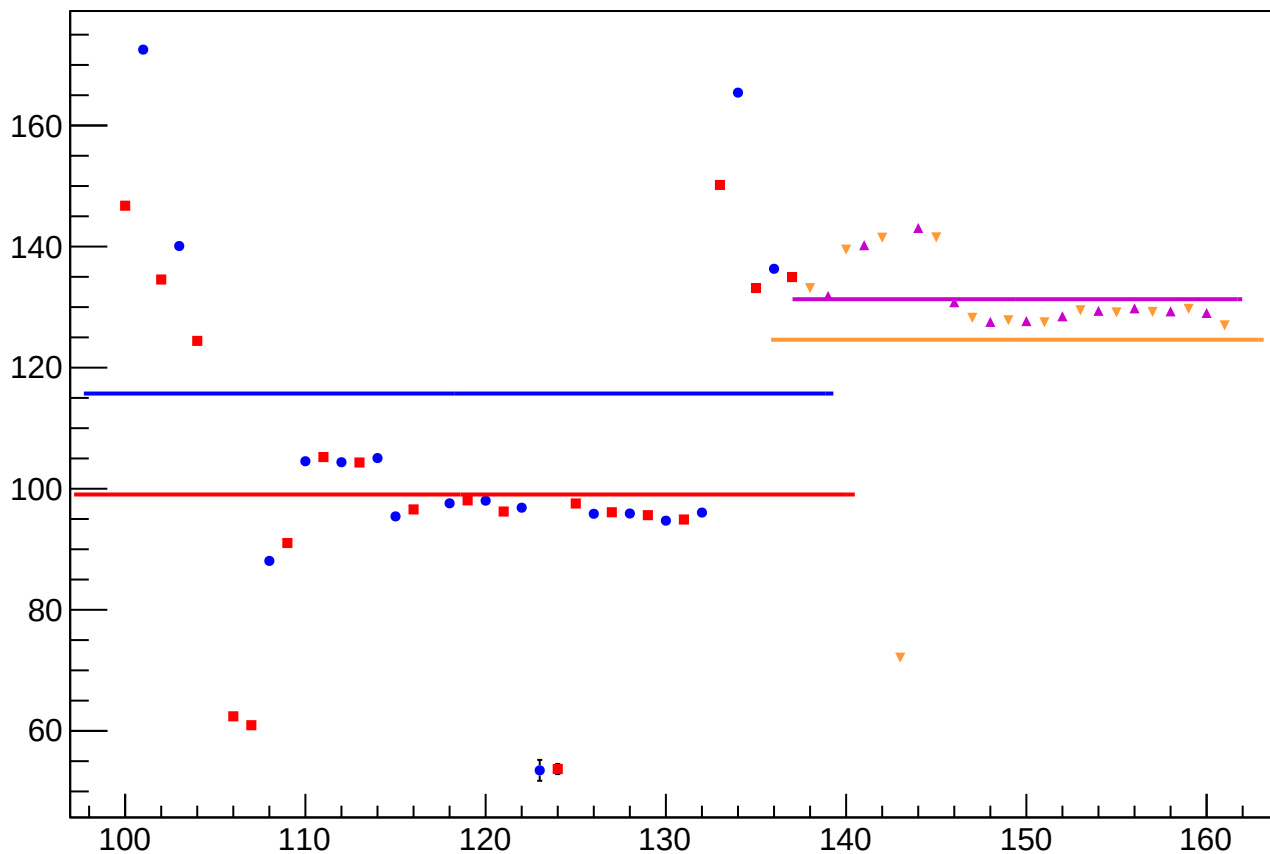
Left In: -71.100 ± 1.159 χ^2/NDF : 178.0/10

+ sign -79.831 ± 0.826 χ^2/NDF : 1340.3/29

All: -78.496 ± 0.593 χ^2/NDF : 2364.6/59

- sign -77.075 ± 0.852 χ^2/NDF : 1018.8/29

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: 124.615 $\pm$ 0.053 χ^2 /NDF: 141384.7/12

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

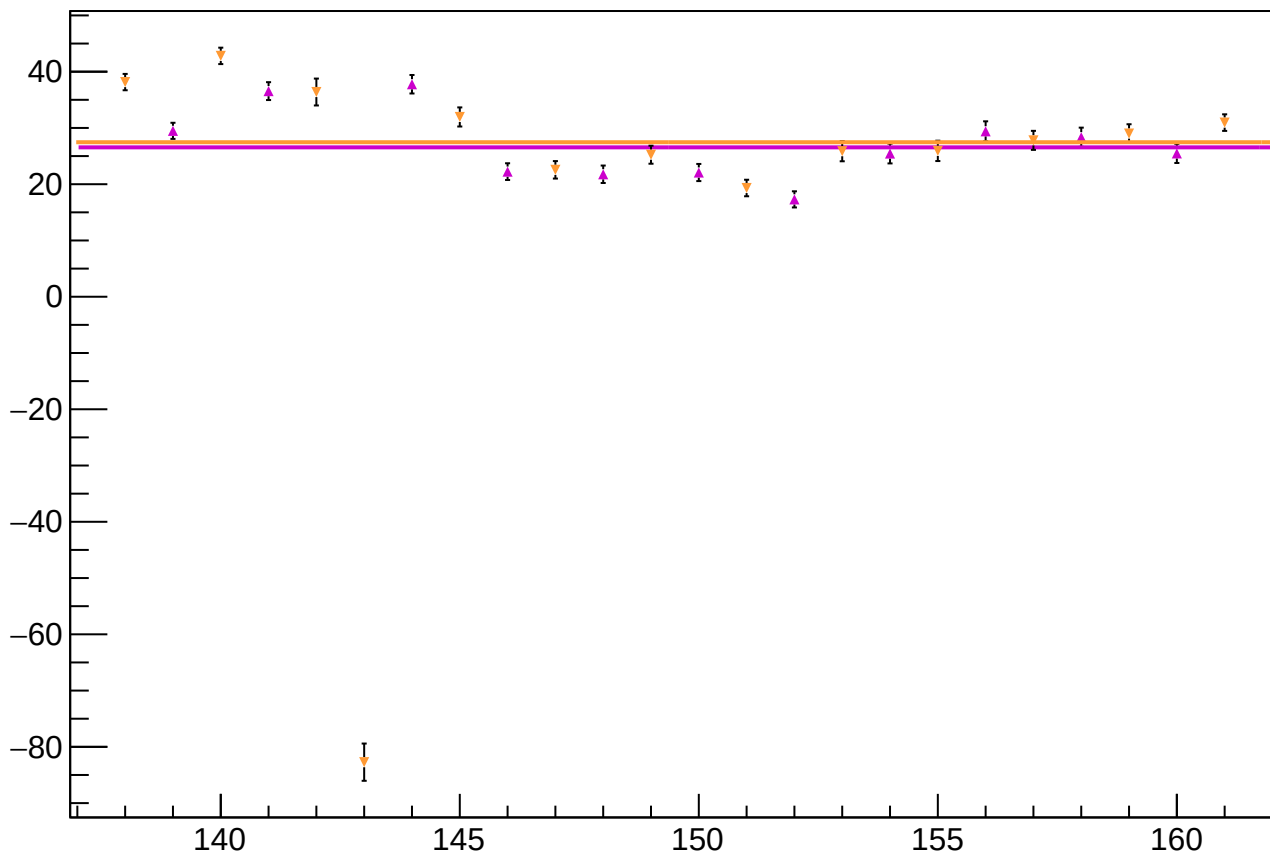
Left In: 131.305 $\pm$ 0.056 χ^2 /NDF: 7384.0/10

+ sign 121.829 $\pm$ 0.044 χ^2 /NDF: 256700.8/29

All: 120.114 $\pm$ 0.031 χ^2 /NDF: 573808.6/59

- sign 118.427 $\pm$ 0.043 χ^2 /NDF: 314044.7/29

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 27.462 $\pm$ 0.465 χ^2 /NDF:1344.1/12

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

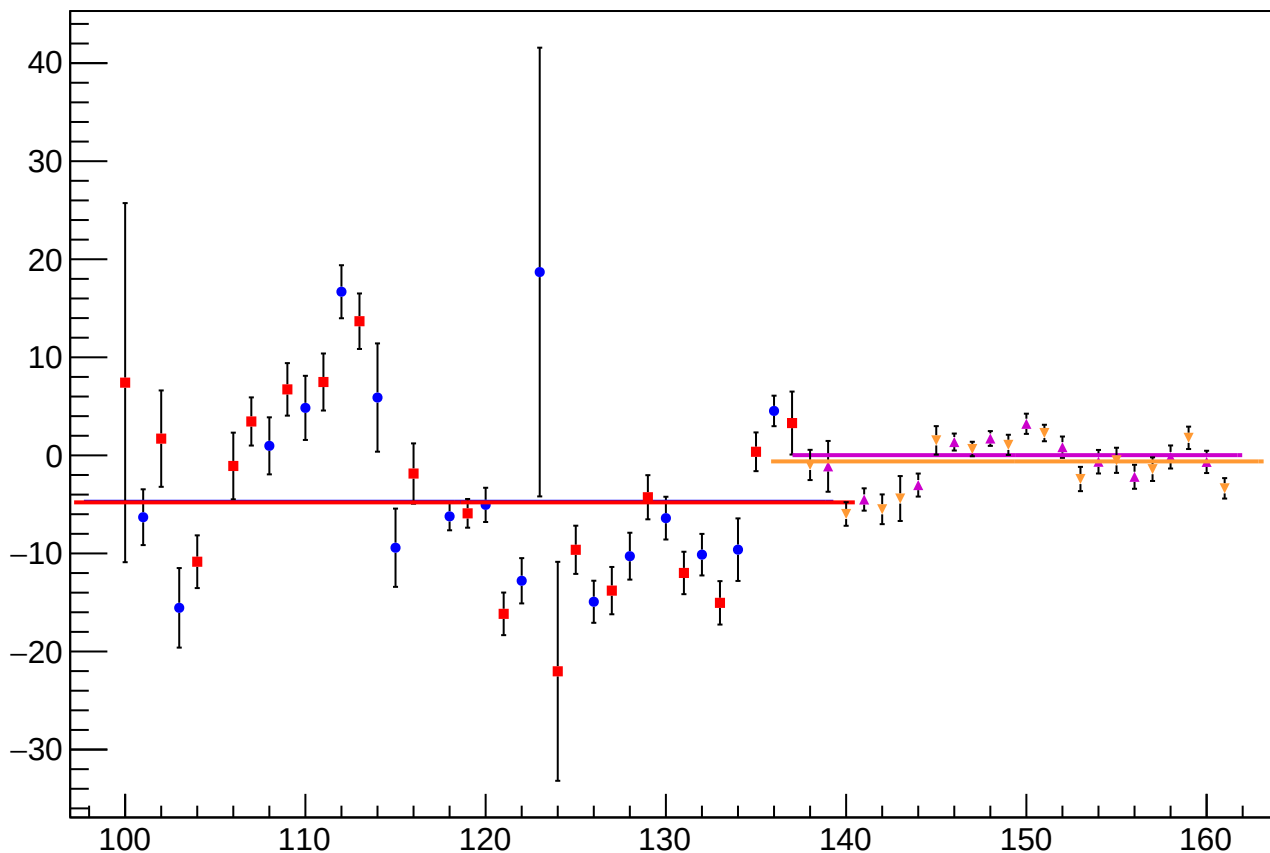
Left In: 26.550 $\pm$ 0.478 χ^2 /NDF:163.0/10

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

All: 27.019 $\pm$ 0.334 χ^2 /NDF: 1509.0/23

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

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 $\chi^2/\text{NDF}: 174.8/16$

Left Out: -0.615 ± 0.316 $\chi^2/\text{NDF}: 66.6/12$

Right Out: -4.793 ± 0.586 $\chi^2/\text{NDF}: 193.5/18$

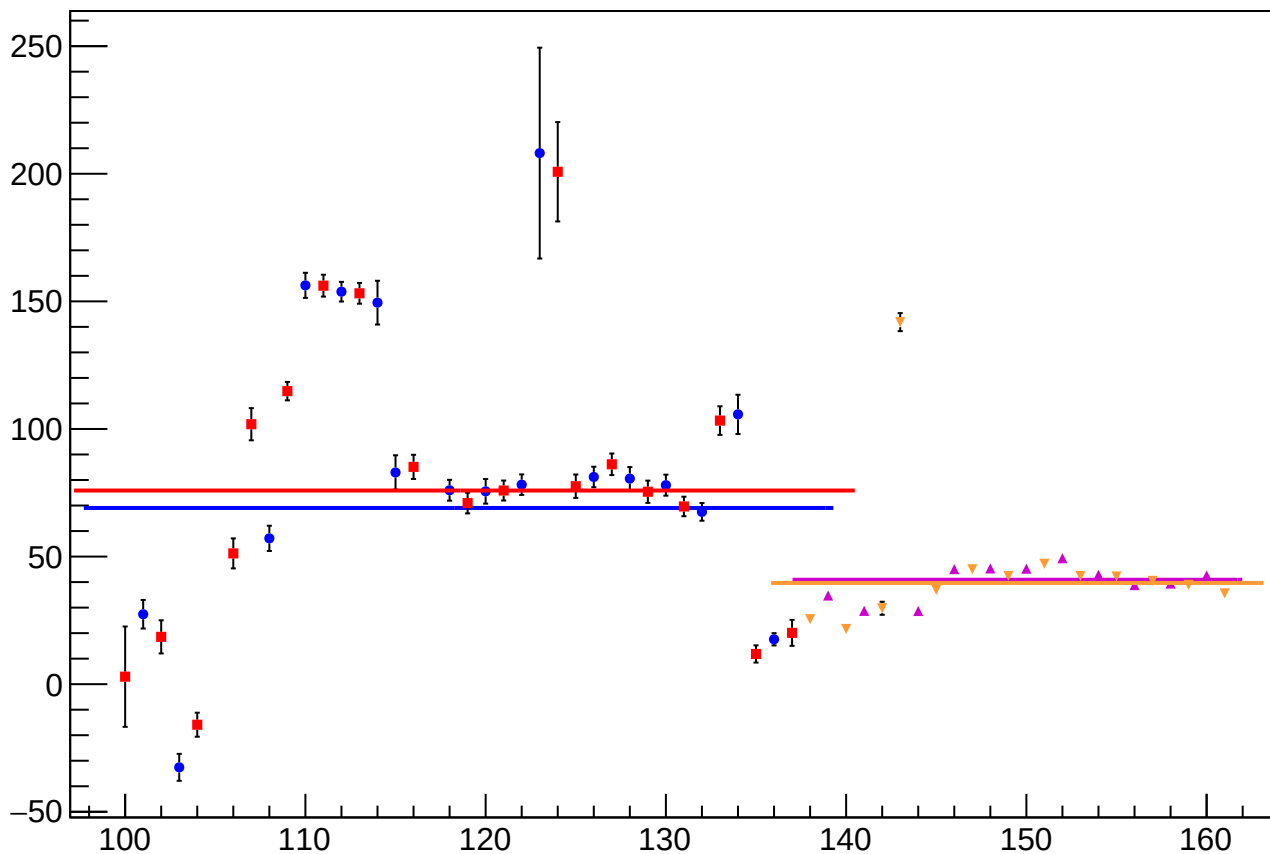
Left In: 0.023 ± 0.326 $\chi^2/\text{NDF}: 44.3/10$

+ sign -1.556 ± 0.277 $\chi^2/\text{NDF}: 280.3/29$

All: -1.344 ± 0.199 $\chi^2/\text{NDF}: 570.9/59$

- sign -1.119 ± 0.285 $\chi^2/\text{NDF}: 289.4/29$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 $\pm$ 1.077 χ^2 /NDF: 1847.9/16

Left Out: 39.666 $\pm$ 0.454 χ^2 /NDF:1129.2/12

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

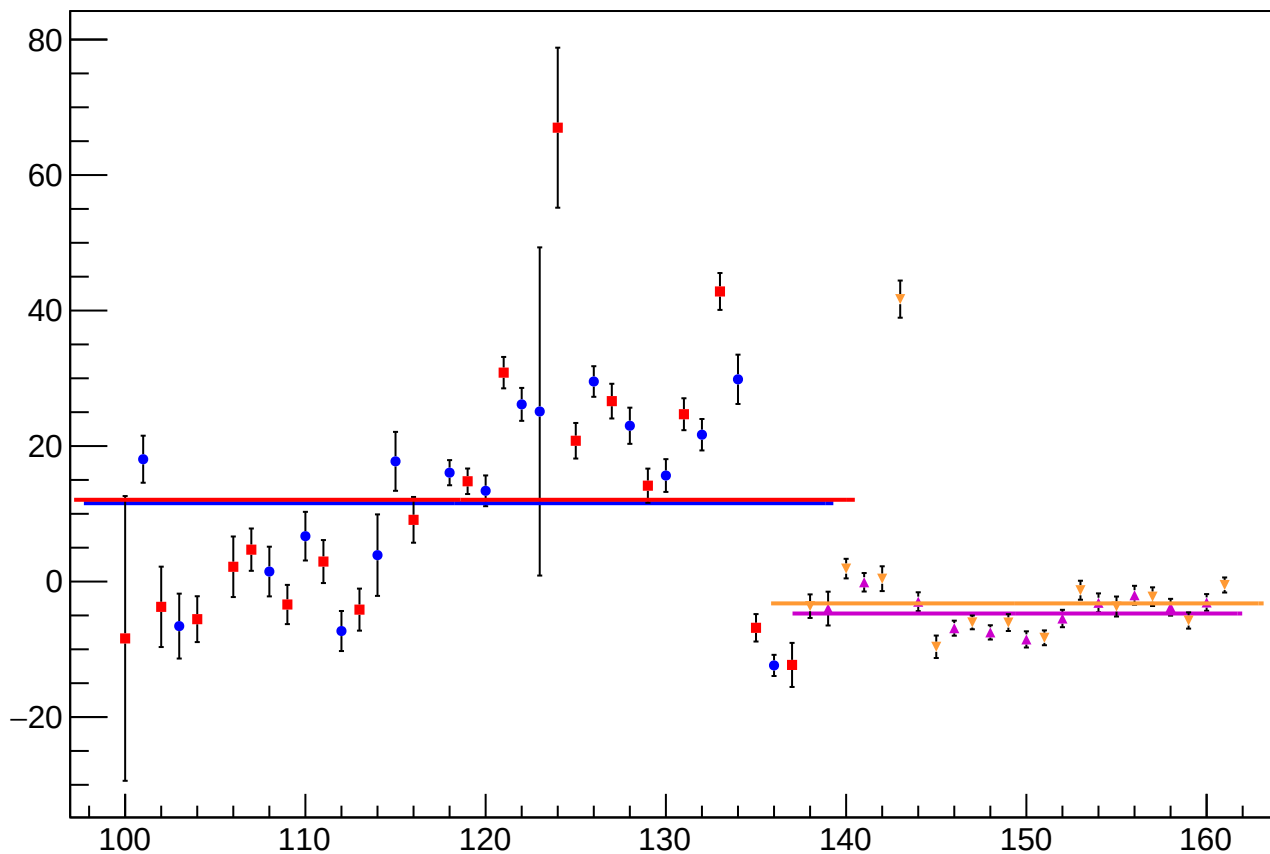
Left In: 40.910 $\pm$ 0.465 χ^2 /NDF:186.4/10

+ sign 44.108 $\pm$ 0.419 χ^2 /NDF: 3609.2/29

All: 45.265 $\pm$ 0.299 χ^2 /NDF: 6605.3/59

- sign 46.465 $\pm$ 0.426 χ^2 /NDF: 2980.5/29

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 ± 0.658 χ^2/NDF : 478.2/16

Left Out: -3.223 ± 0.377 χ^2/NDF : 346.9/12

Right Out: 12.071 ± 0.665 χ^2/NDF : 543.3/18

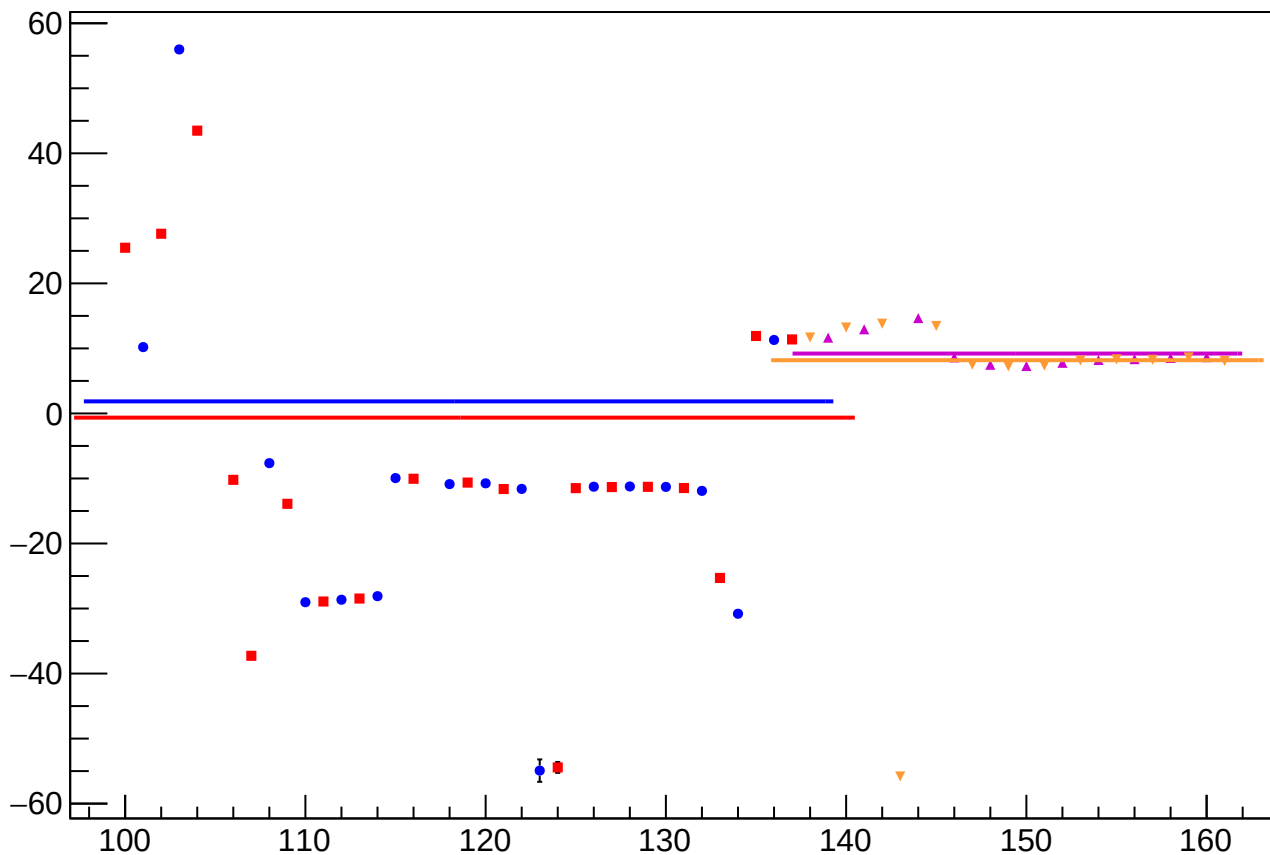
Left In: -4.716 ± 0.390 χ^2/NDF : 41.8/10

+ sign 0.422 ± 0.327 χ^2/NDF : 1205.4/29

All: 0.015 ± 0.234 χ^2/NDF : 2268.5/59

- sign -0.417 ± 0.336 χ^2/NDF : 1059.8/29

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855 ± 0.037 $\chi^2/\text{NDF}: 359414.1/16$

Left Out: 8.186 ± 0.018 $\chi^2/\text{NDF}: 222510.2/12$

Right Out: -0.644 ± 0.037 $\chi^2/\text{NDF}: 361625.7/18$

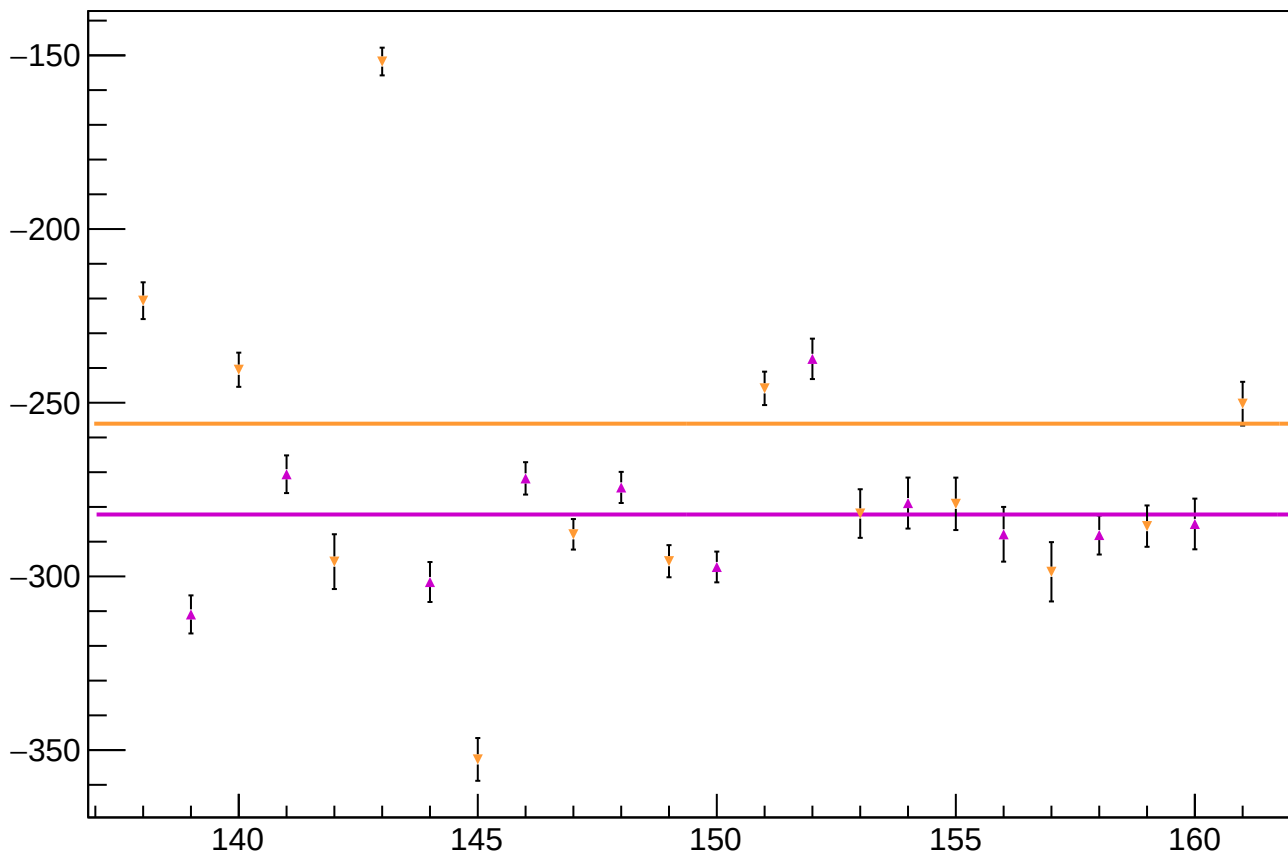
Left In: 9.211 ± 0.018 $\chi^2/\text{NDF}: 13347.5/10$

+ sign 7.006 ± 0.016 $\chi^2/\text{NDF}: 605748.3/29$

All: 7.161 ± 0.011 $\chi^2/\text{NDF}: 1038090.4/59$

- sign 7.321 ± 0.016 $\chi^2/\text{NDF}: 432151.1/29$

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: -256.031+/-1.526 χ^2/NDF :1213.1/12

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

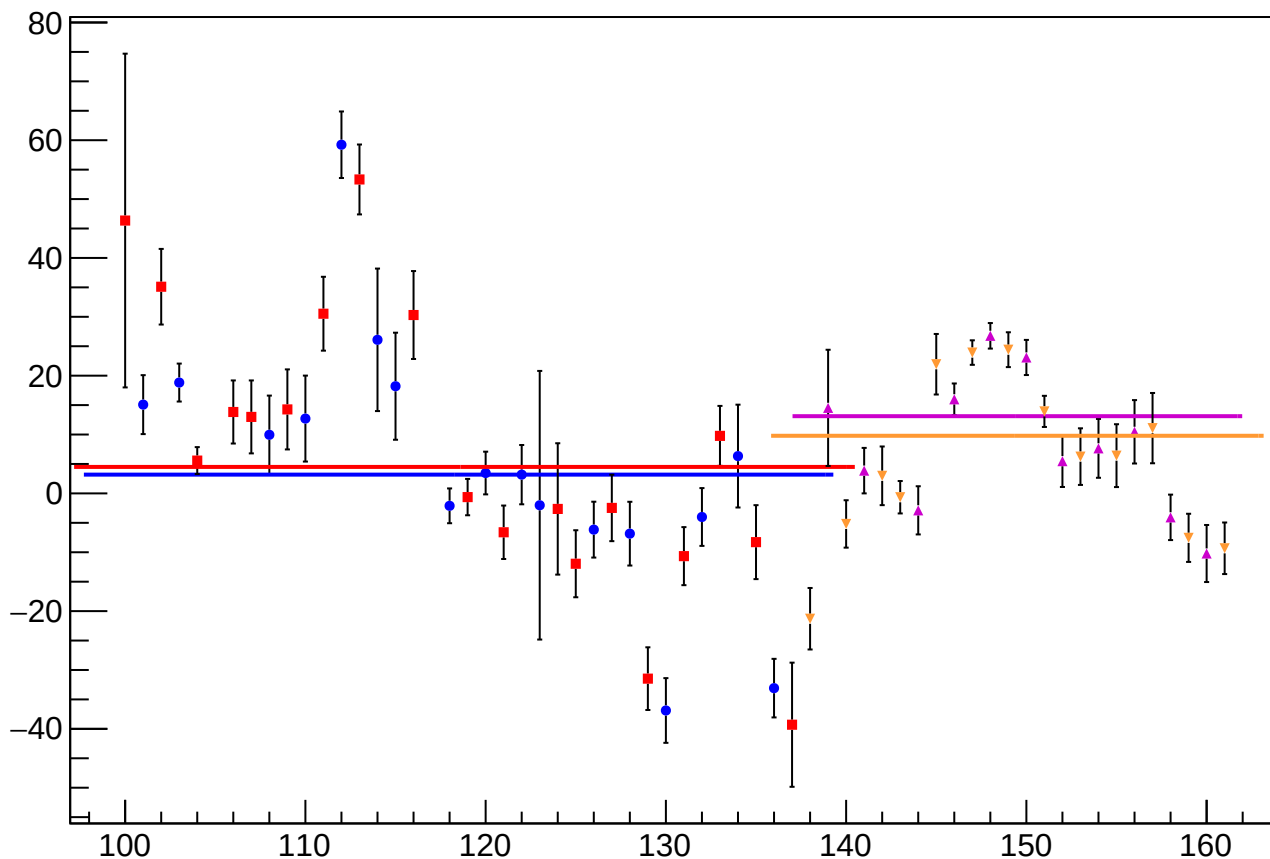
Left In: -282.177+/-1.669 χ^2/NDF :124.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.939+/-1.126 χ^2/NDF : 1471.2/23

- 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: 9.789 ± 0.993 χ^2/NDF : 182.0/12

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

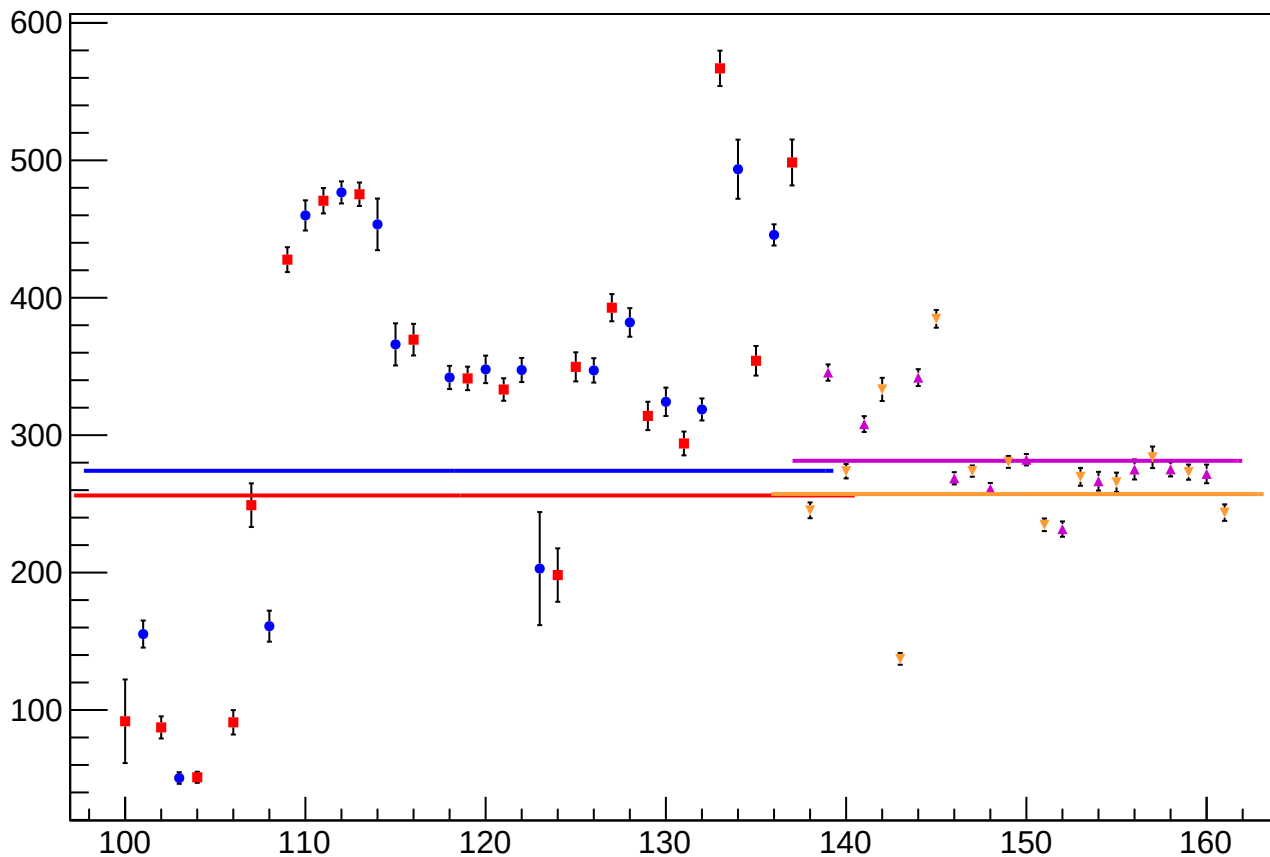
Left In: 13.117 ± 1.094 χ^2/NDF : 120.3/10

+ sign 7.172 ± 0.771 χ^2/NDF : 455.2/29

All: 8.086 ± 0.554 χ^2/NDF : 833.1/59

- sign 9.058 ± 0.796 χ^2/NDF : 375.0/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 ± 2.191 $\chi^2/\text{NDF}: 5112.0/16$

Left Out: 257.116 ± 1.505 $\chi^2/\text{NDF}: 1379.1/12$

Right Out: 256.109 ± 2.080 $\chi^2/\text{NDF}: 6444.1/18$

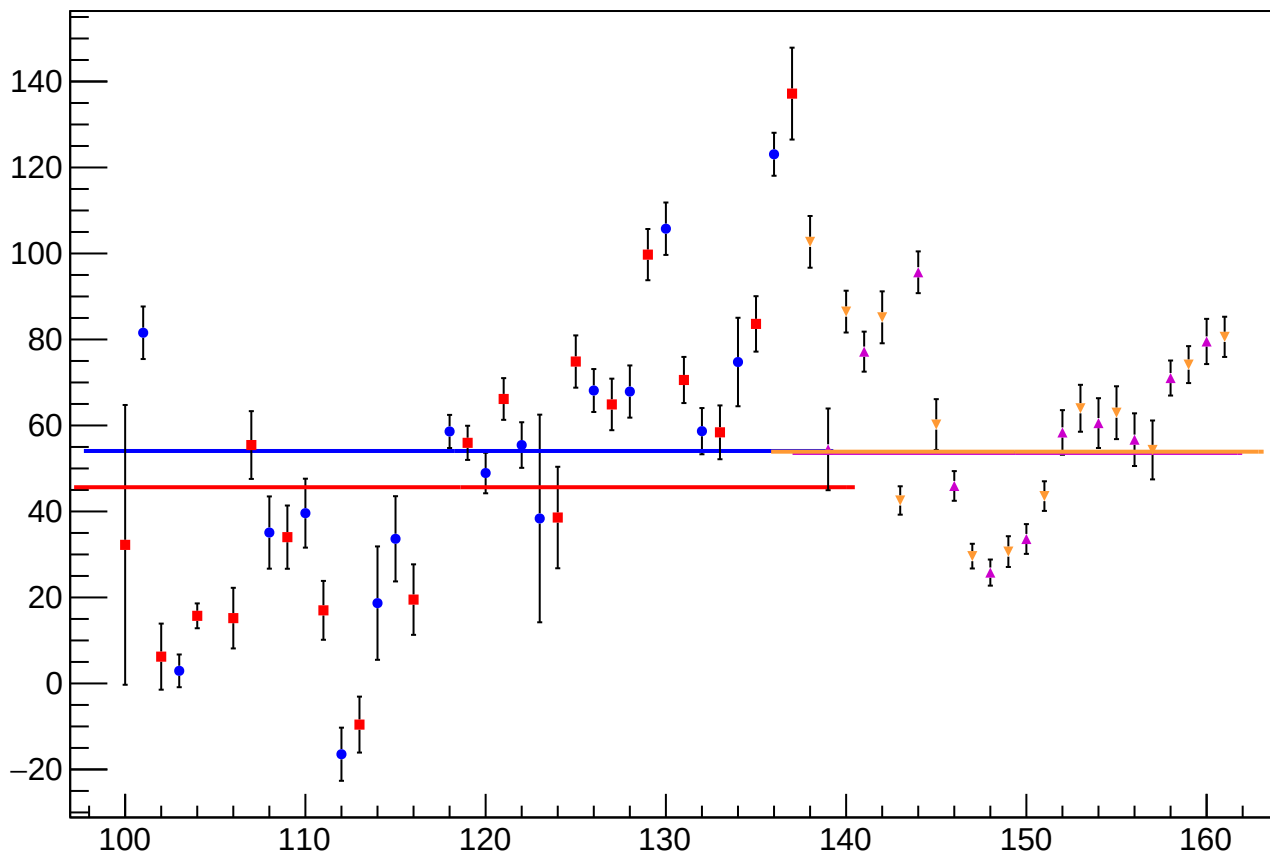
Left In: 281.348 ± 1.619 $\chi^2/\text{NDF}: 355.5/10$

+ sign 262.556 ± 1.241 $\chi^2/\text{NDF}: 6531.7/29$

All: 267.057 ± 0.890 $\chi^2/\text{NDF}: 13450.1/59$

- sign 271.828 ± 1.278 $\chi^2/\text{NDF}: 6891.2/29$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 ± 1.421 χ^2/NDF : 634.4/16

Left Out: 53.903 ± 1.210 χ^2/NDF : 333.6/12

Right Out: 45.637 ± 1.359 χ^2/NDF : 530.8/18

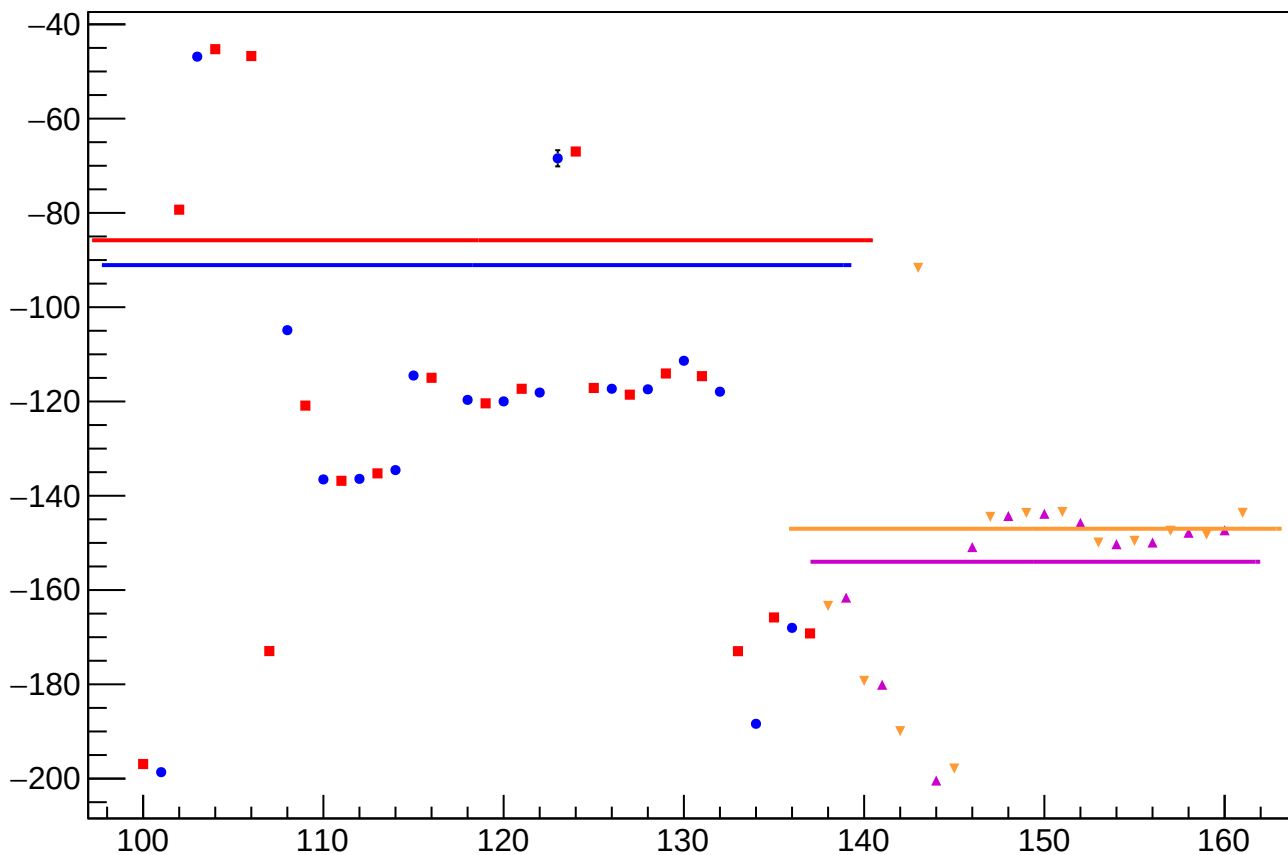
Left In: 53.612 ± 1.330 χ^2/NDF : 267.9/10

+ sign 53.971 ± 0.921 χ^2/NDF : 968.0/29

All: 51.908 ± 0.662 χ^2/NDF : 1794.6/59

- sign 49.711 ± 0.950 χ^2/NDF : 816.3/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 $\pm$ 0.068 χ^2 /NDF: 534647.5/16

Left Out: -146.993 $\pm$ 0.061 χ^2 /NDF: 187044.0/12

Right Out: -85.803 $\pm$ 0.065 χ^2 /NDF: 495895.1/18

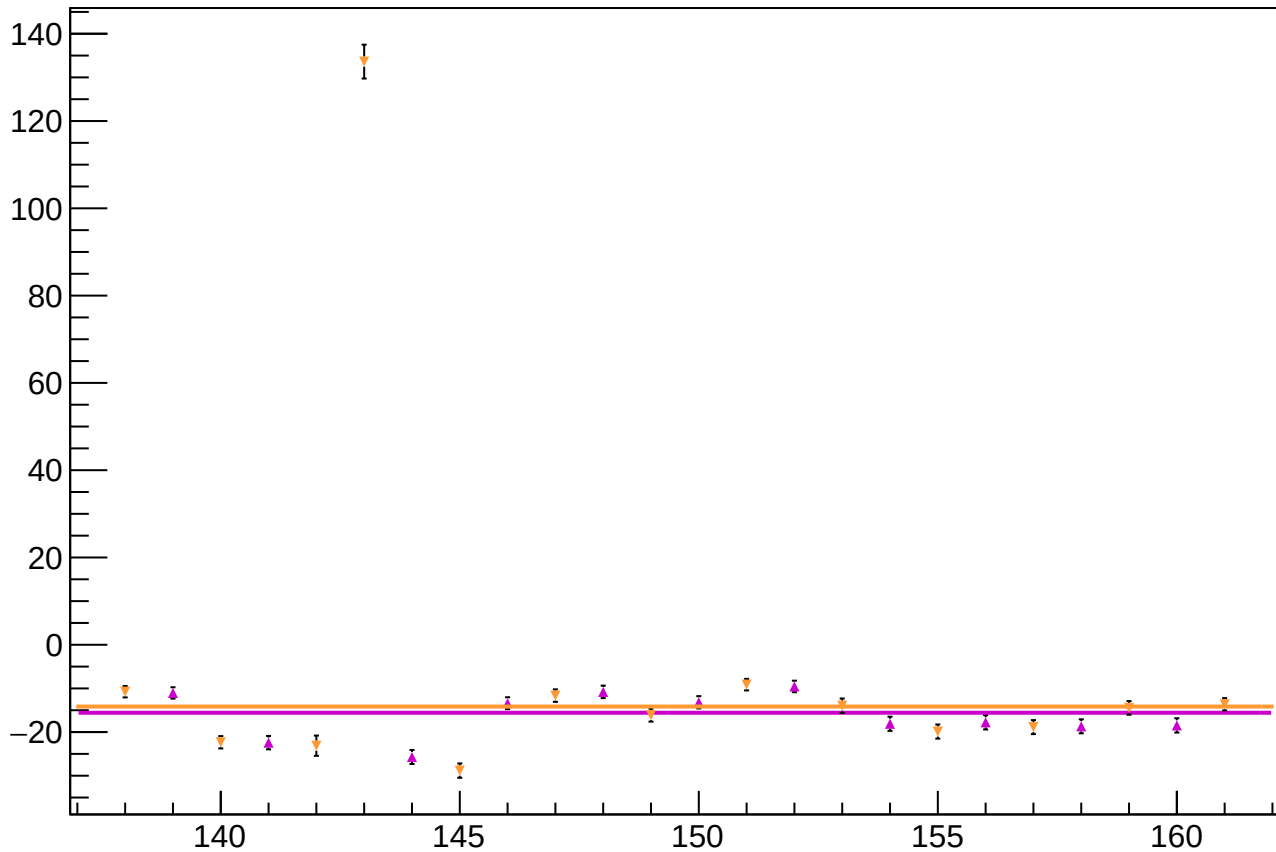
Left In: -154.000 $\pm$ 0.064 χ^2 /NDF: 53661.8/10

+ sign -122.040 $\pm$ 0.045 χ^2 /NDF: 1101410.3/29

All: -121.168 $\pm$ 0.032 χ^2 /NDF: 2207378.2/59

- sign -120.271 $\pm$ 0.046 χ^2 /NDF: 1105209.8/29

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: -14.151+/-0.436 χ^2/NDF :1624.6/12

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

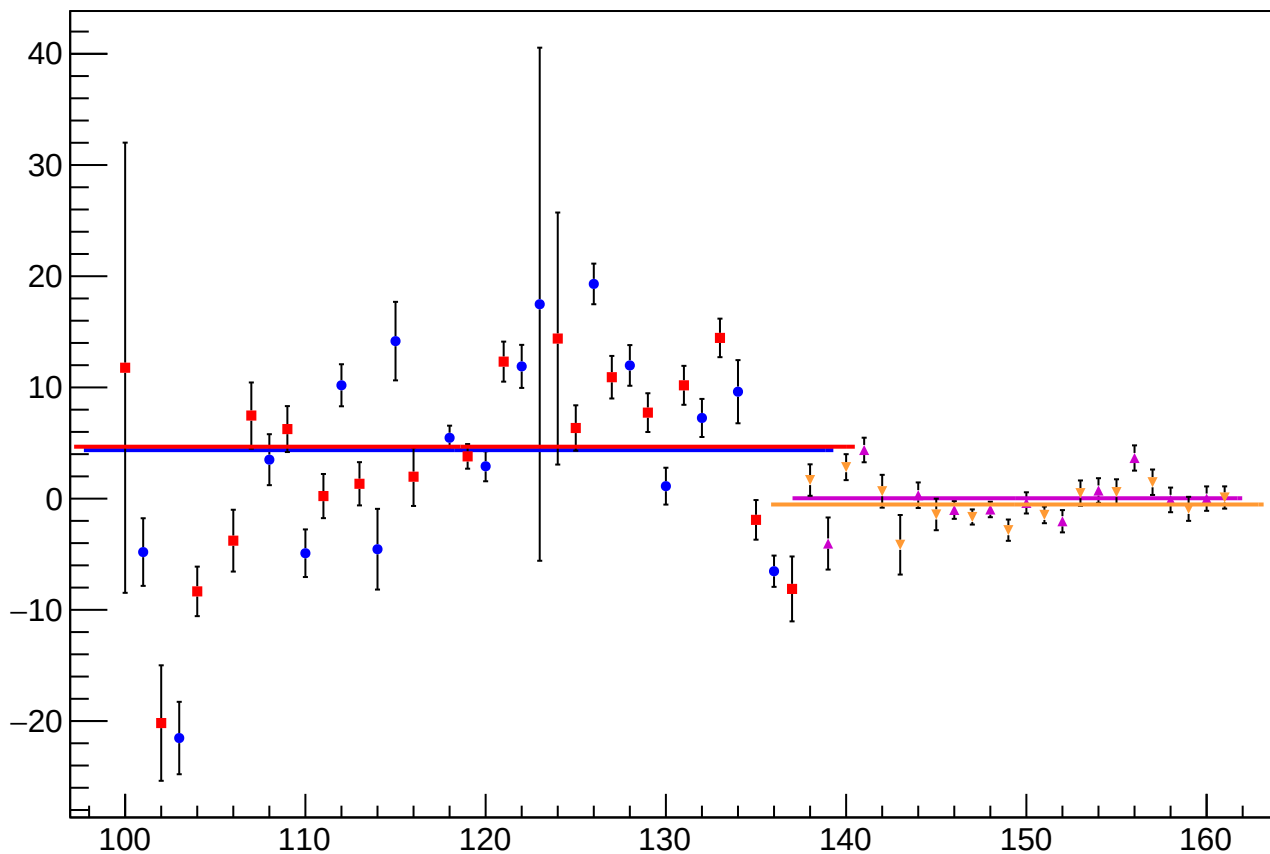
Left In: -15.574+/-0.447 χ^2/NDF :120.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.846+/-0.312 χ^2/NDF : 1750.1/23

- 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 $\chi^2/\text{NDF}: 286.5/16$

Left Out: -0.527 ± 0.295 $\chi^2/\text{NDF}: 29.0/12$

Right Out: 4.670 ± 0.474 $\chi^2/\text{NDF}: 185.4/18$

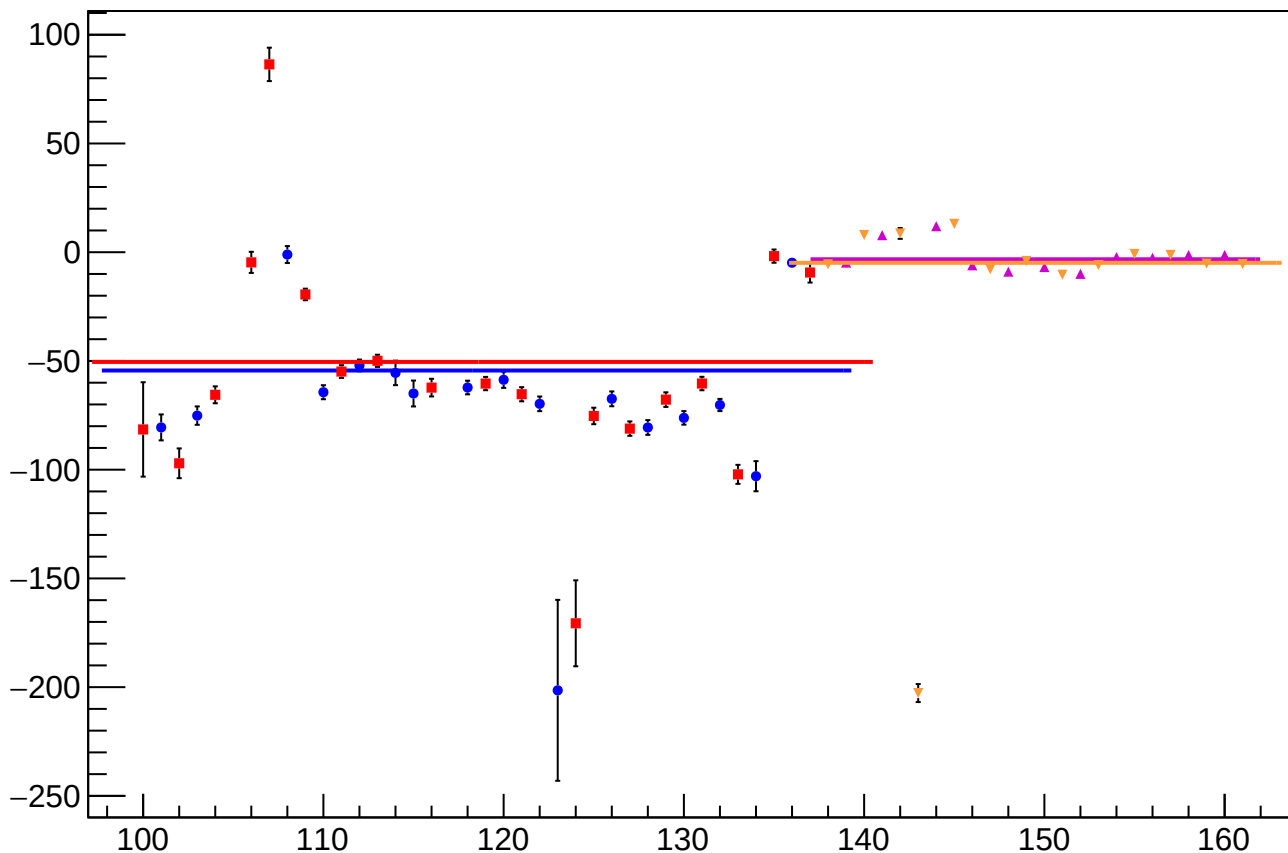
Left In: 0.034 ± 0.305 $\chi^2/\text{NDF}: 37.4/10$

+ sign 0.878 ± 0.249 $\chi^2/\text{NDF}: 394.5/29$

All: 1.128 ± 0.179 $\chi^2/\text{NDF}: 686.8/59$

- sign 1.394 ± 0.257 $\chi^2/\text{NDF}: 290.3/29$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392 ± 0.863 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: -4.880 ± 0.425 $\chi^2/\text{NDF}: 2529.9/12$

Right Out: -50.441 ± 0.857 $\chi^2/\text{NDF}: 1324.7/18$

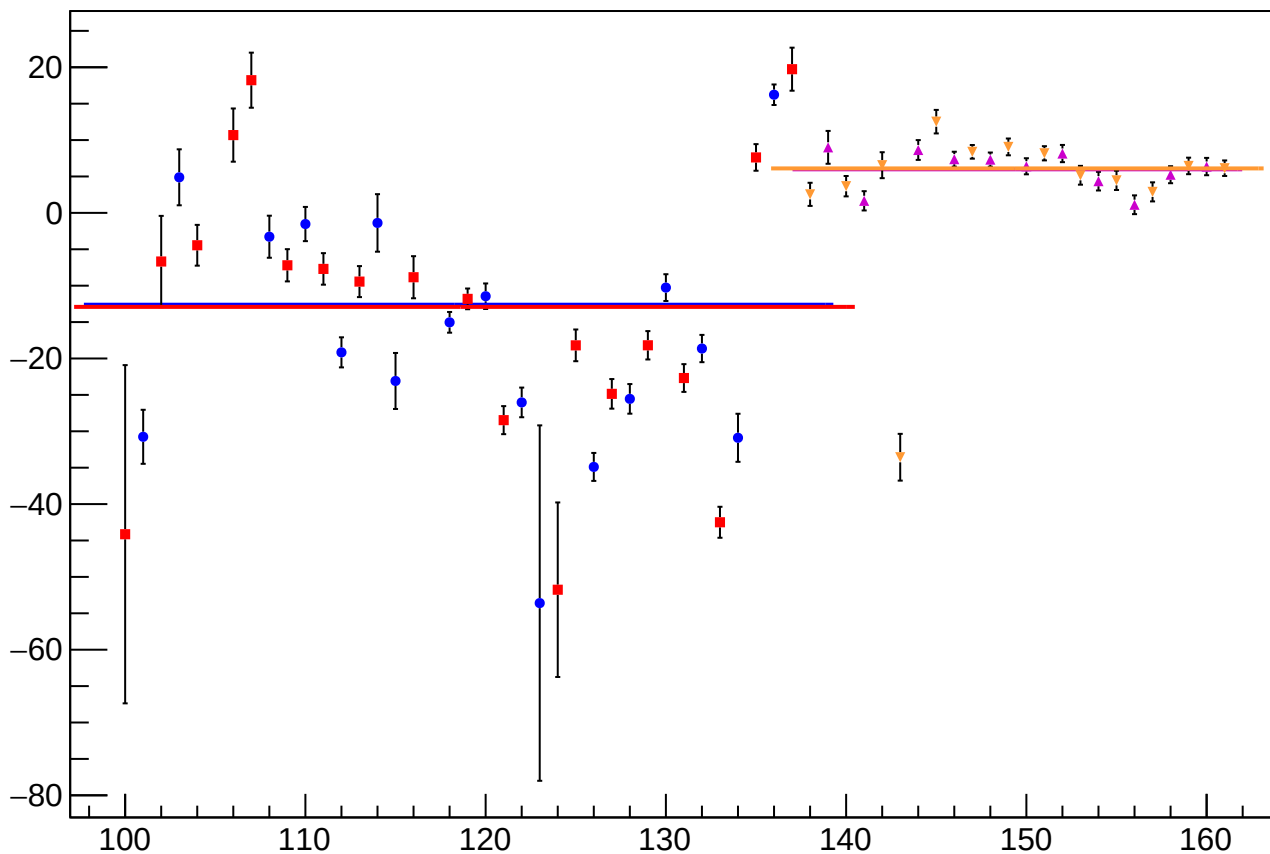
Left In: -3.252 ± 0.434 $\chi^2/\text{NDF}: 187.2/10$

+ sign -14.563 ± 0.381 $\chi^2/\text{NDF}: 6194.2/29$

All: -13.730 ± 0.272 $\chi^2/\text{NDF}: 10127.3/59$

- sign -12.873 ± 0.387 $\chi^2/\text{NDF}: 3923.4/29$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 6.107 ± 0.353 χ^2/NDF : 201.7/12

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

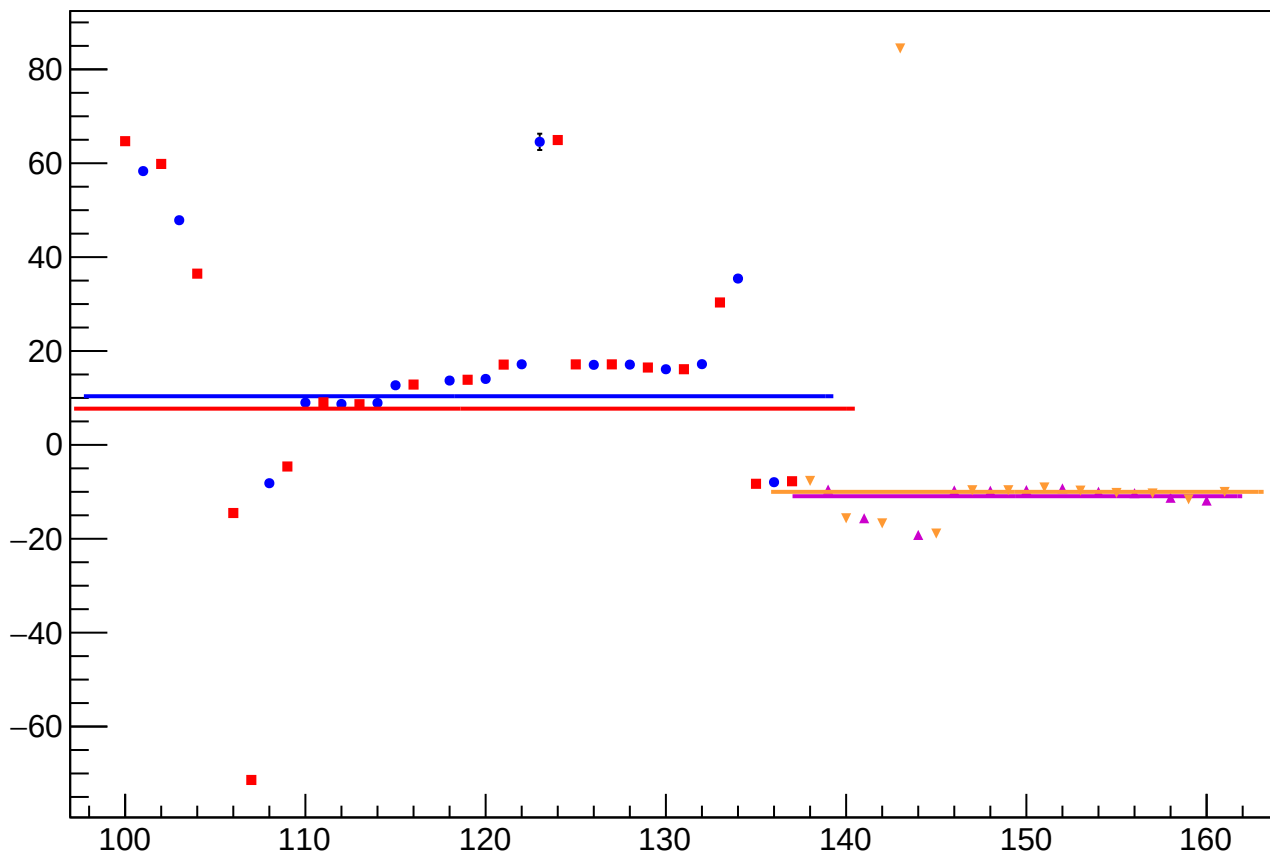
Left In: 5.981 ± 0.365 χ^2/NDF : 39.8/10

+ sign 0.365 ± 0.294 χ^2/NDF : 1854.5/29

All: 0.200 ± 0.211 χ^2/NDF : 3469.1/59

- sign 0.025 ± 0.302 χ^2/NDF : 1614.0/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366 $\pm$ 0.031 χ^2 /NDF: 381003.5/16

Left Out: -10.002 $\pm$ 0.017 χ^2 /NDF: 355763.3/12

Right Out: 7.719 $\pm$ 0.031 χ^2 /NDF: 545085.7/18

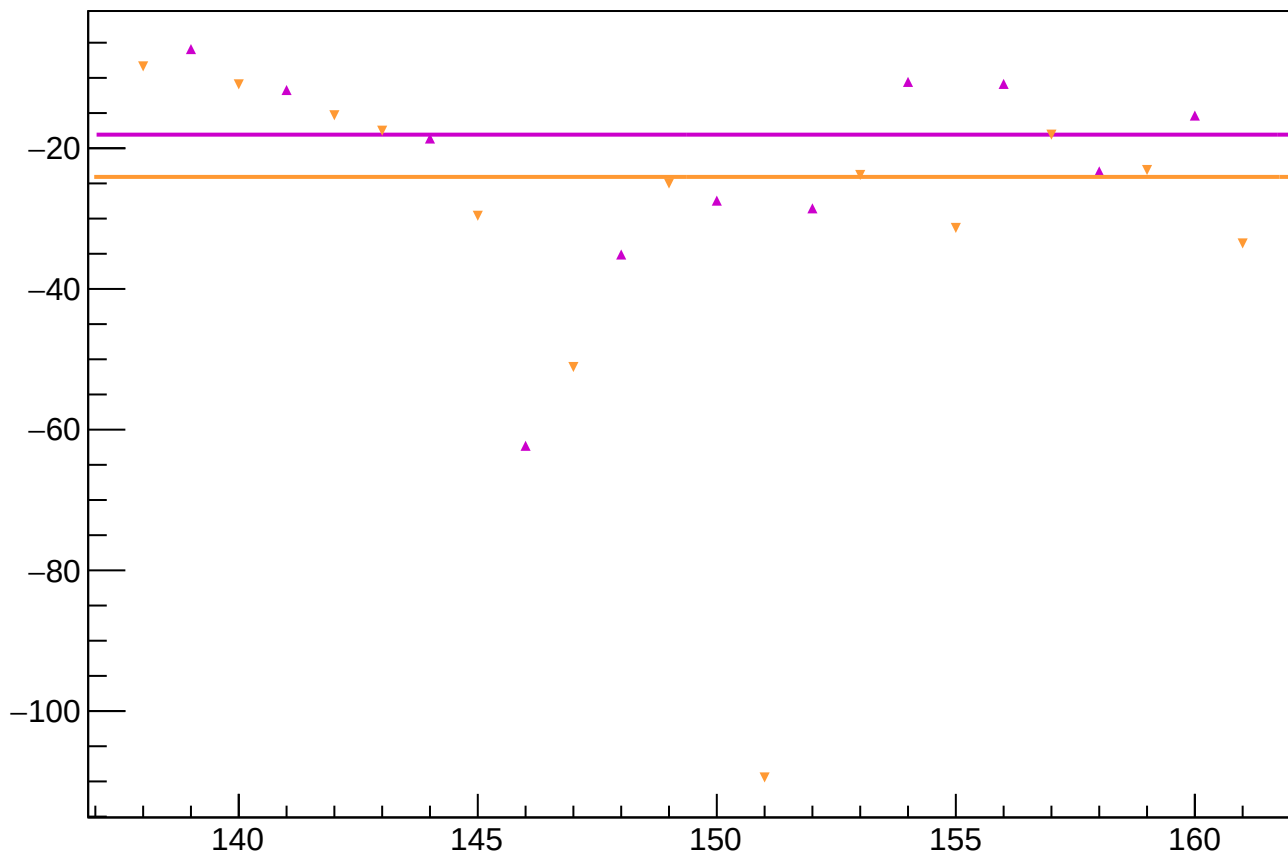
Left In: -10.937 $\pm$ 0.017 χ^2 /NDF: 21196.2/10

+ sign -5.369 $\pm$ 0.015 χ^2 /NDF: 1080468.7/29

All: -6.043 $\pm$ 0.010 χ^2 /NDF: 1927272.1/59

- sign -6.741 $\pm$ 0.015 χ^2 /NDF: 842444.0/29

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -24.075+/-0.072 χ^2/NDF : 52159.5/12

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

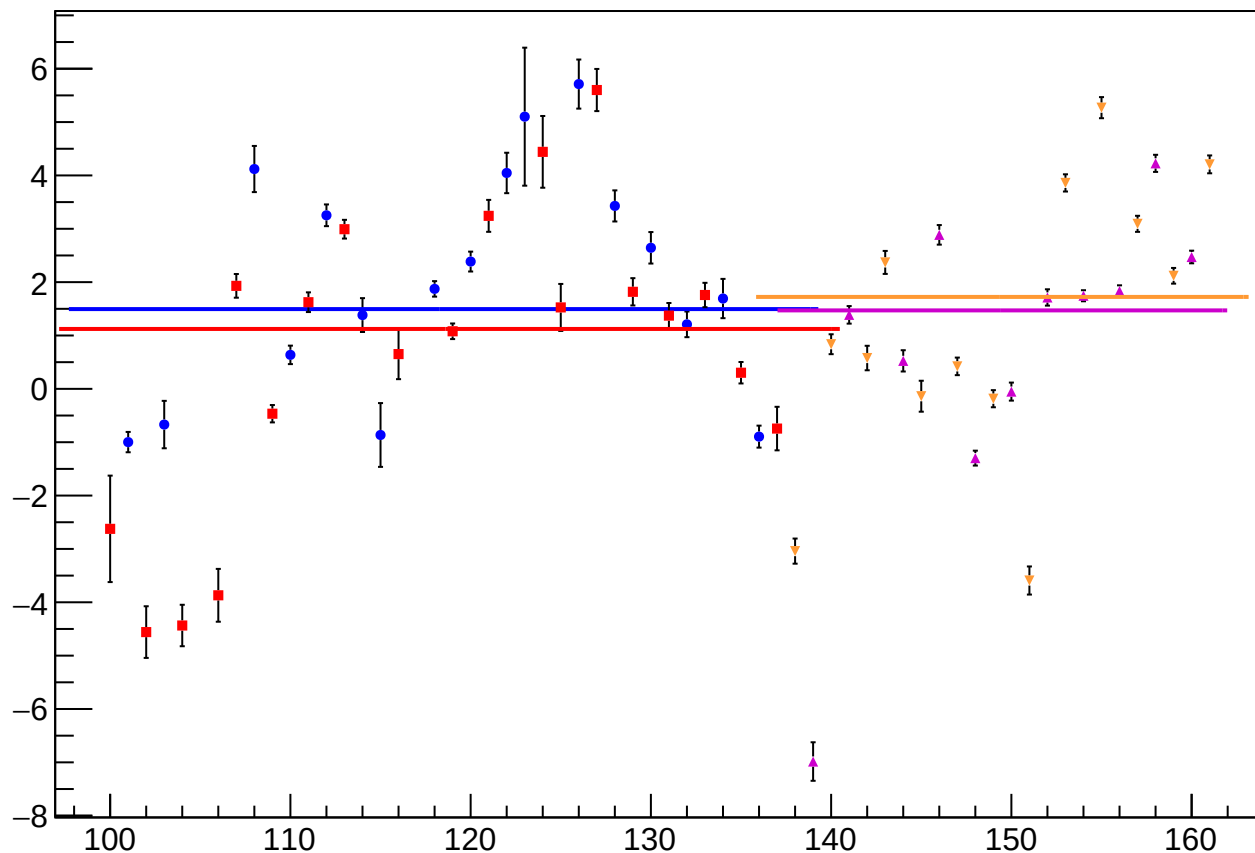
Left In: -18.069+/-0.063 χ^2/NDF : 36787.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.689+/-0.048 χ^2/NDF : 92853.0/23

- 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: 1.723 ± 0.051 χ^2/NDF : 1926.0/12

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

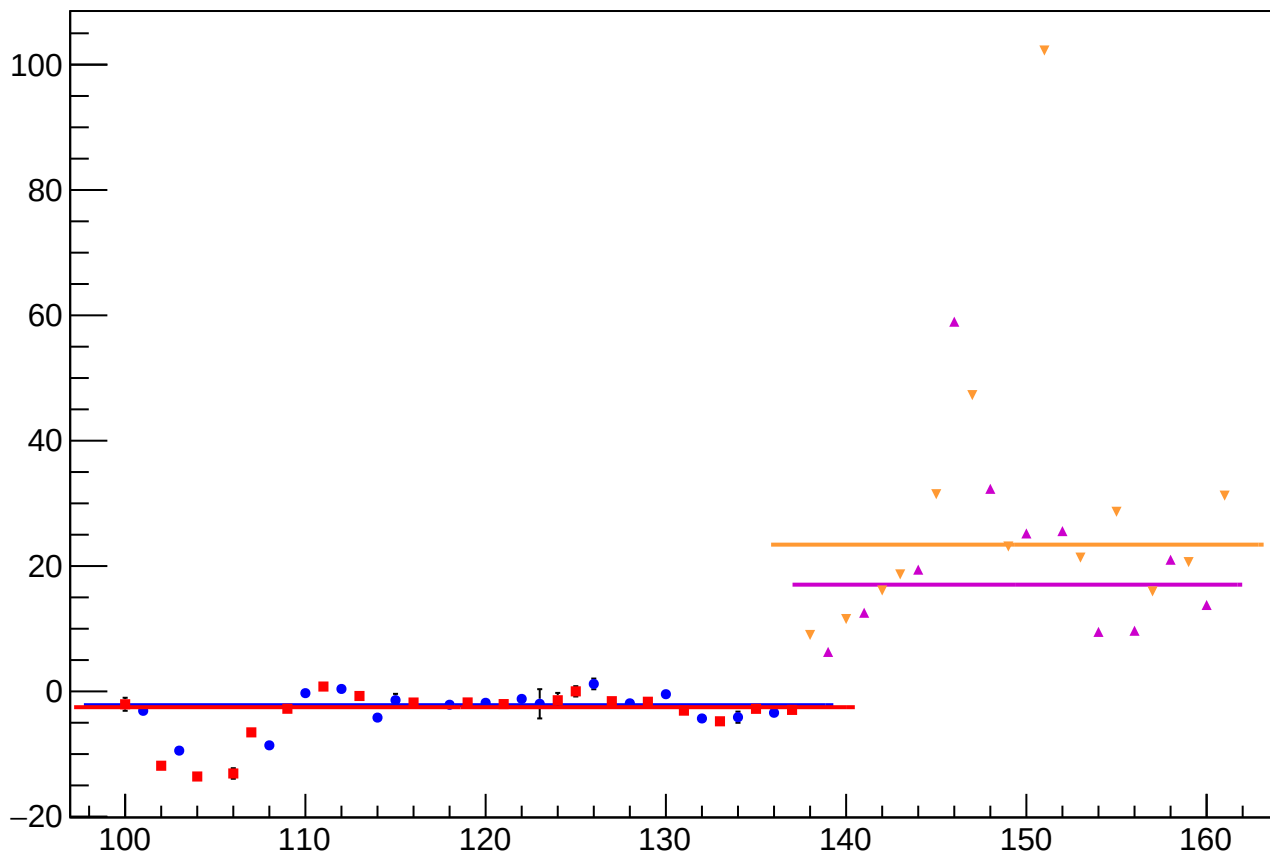
Left In: 1.470 ± 0.044 χ^2/NDF : 1491.7/10

+ sign 1.629 ± 0.039 χ^2/NDF : 2643.0/29

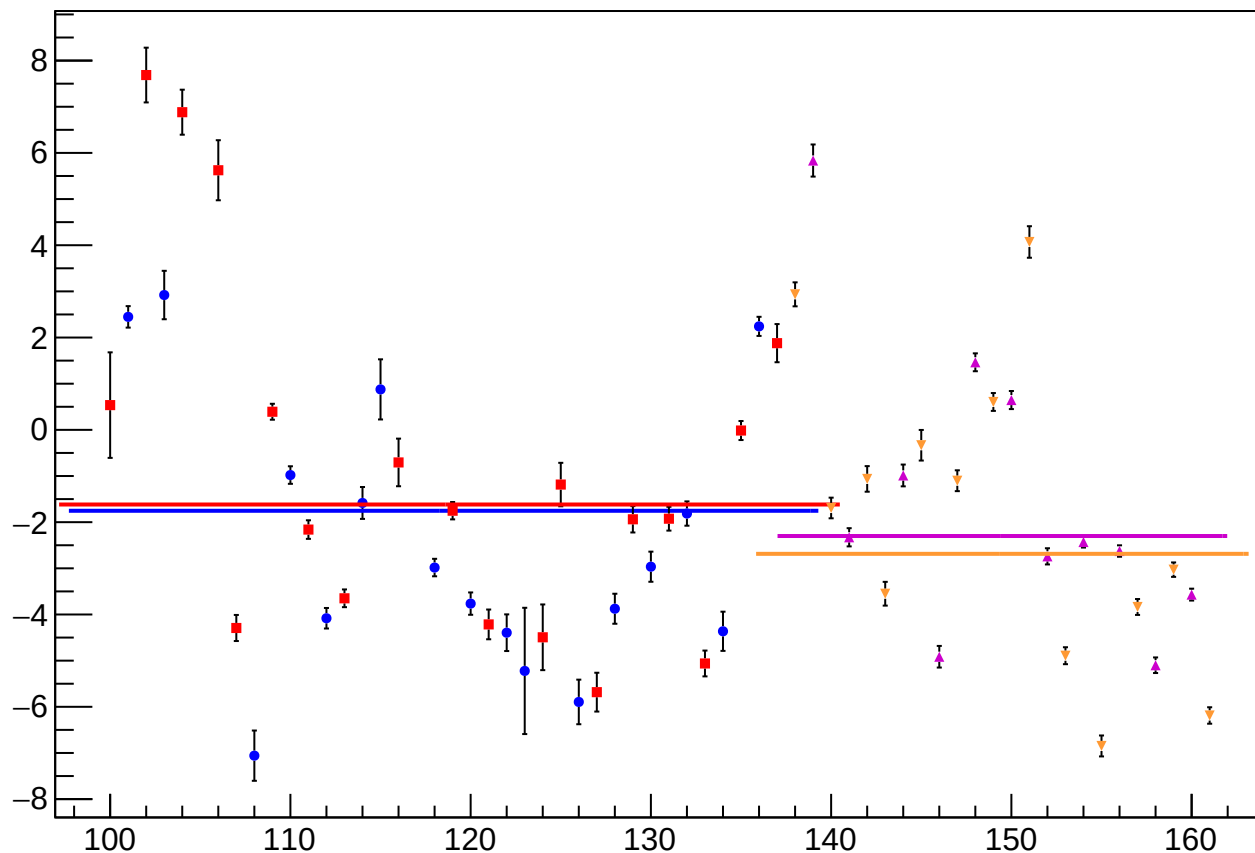
All: 1.470 ± 0.026 χ^2/NDF : 5133.0/59

- sign 1.344 ± 0.035 χ^2/NDF : 2460.9/29

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 $\chi^2/\text{NDF}: 1345.0/16$

Left Out: -2.686 ± 0.060 $\chi^2/\text{NDF}: 2230.7/12$

Right Out: -1.617 ± 0.066 $\chi^2/\text{NDF}: 1487.5/18$

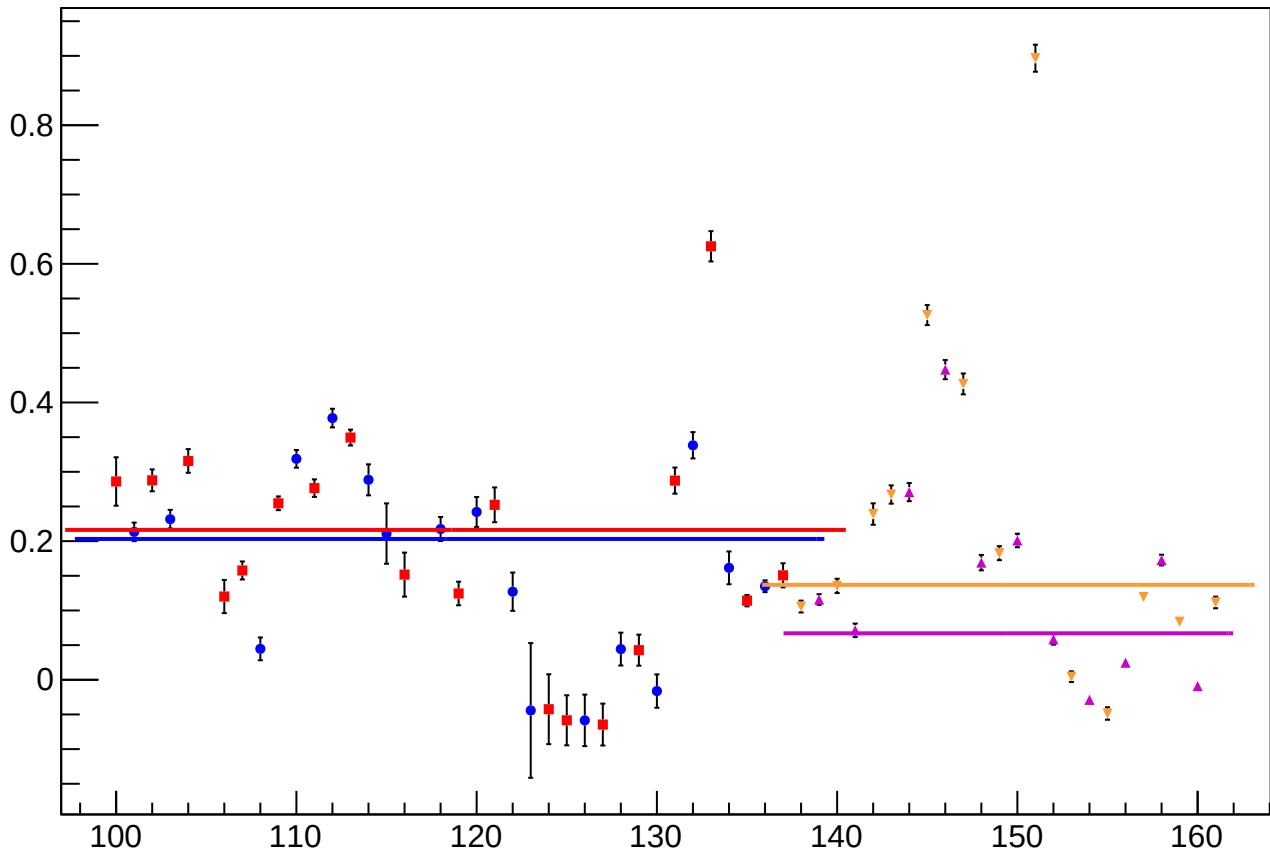
Left In: -2.300 ± 0.051 $\chi^2/\text{NDF}: 1691.9/10$

+ sign -2.296 ± 0.045 $\chi^2/\text{NDF}: 3678.3/29$

All: -2.155 ± 0.030 $\chi^2/\text{NDF}: 6942.5/59$

- sign -2.044 ± 0.040 $\chi^2/\text{NDF}: 3246.8/29$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.137 ± 0.003 χ^2/NDF : 3578.7/12

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

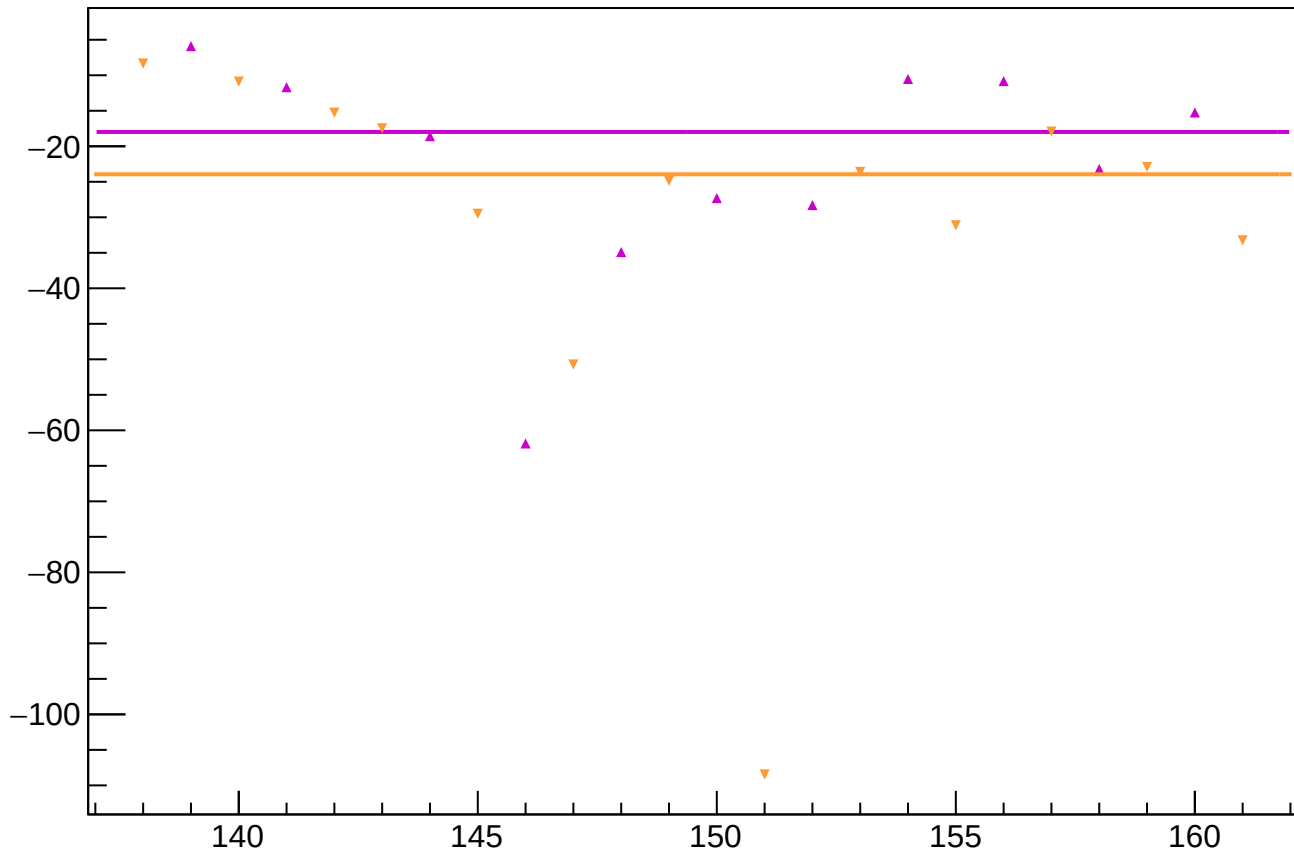
Left In: 0.067 ± 0.002 χ^2/NDF : 2119.0/10

+ sign 0.156 ± 0.002 χ^2/NDF : 4437.0/29

All: 0.127 ± 0.001 χ^2/NDF : 9113.3/59

- sign 0.106 ± 0.002 χ^2/NDF : 4387.0/29

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.942+/-0.072 χ^2/NDF : 52015.4/12

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

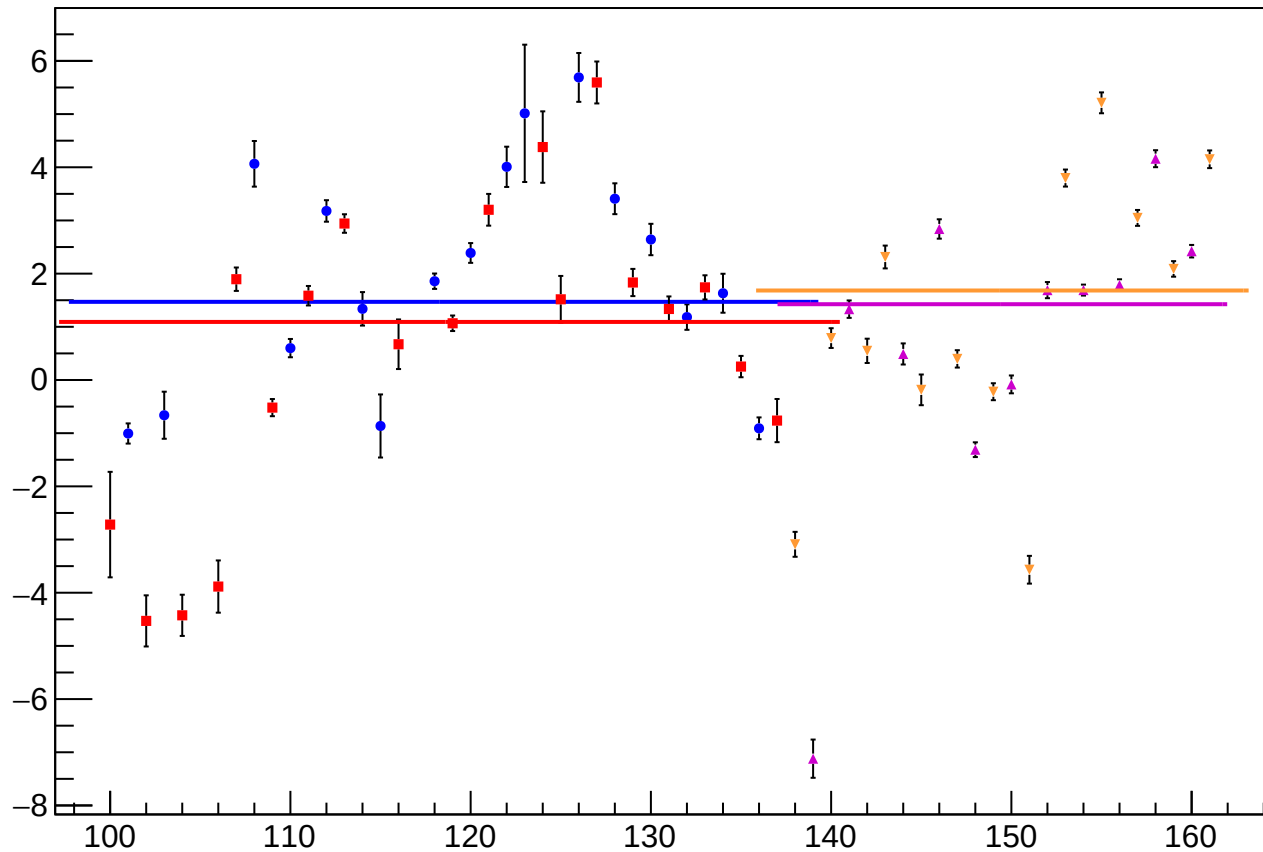
Left In: -17.982+/-0.063 χ^2/NDF : 36723.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.583+/-0.047 χ^2/NDF : 92633.2/23

- 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 $\pm$ 0.061 χ^2/NDF : 707.9/16

Left Out: 1.683 $\pm$ 0.051 χ^2/NDF : 1931.6/12

Right Out: 1.092 $\pm$ 0.058 χ^2/NDF : 952.1/18

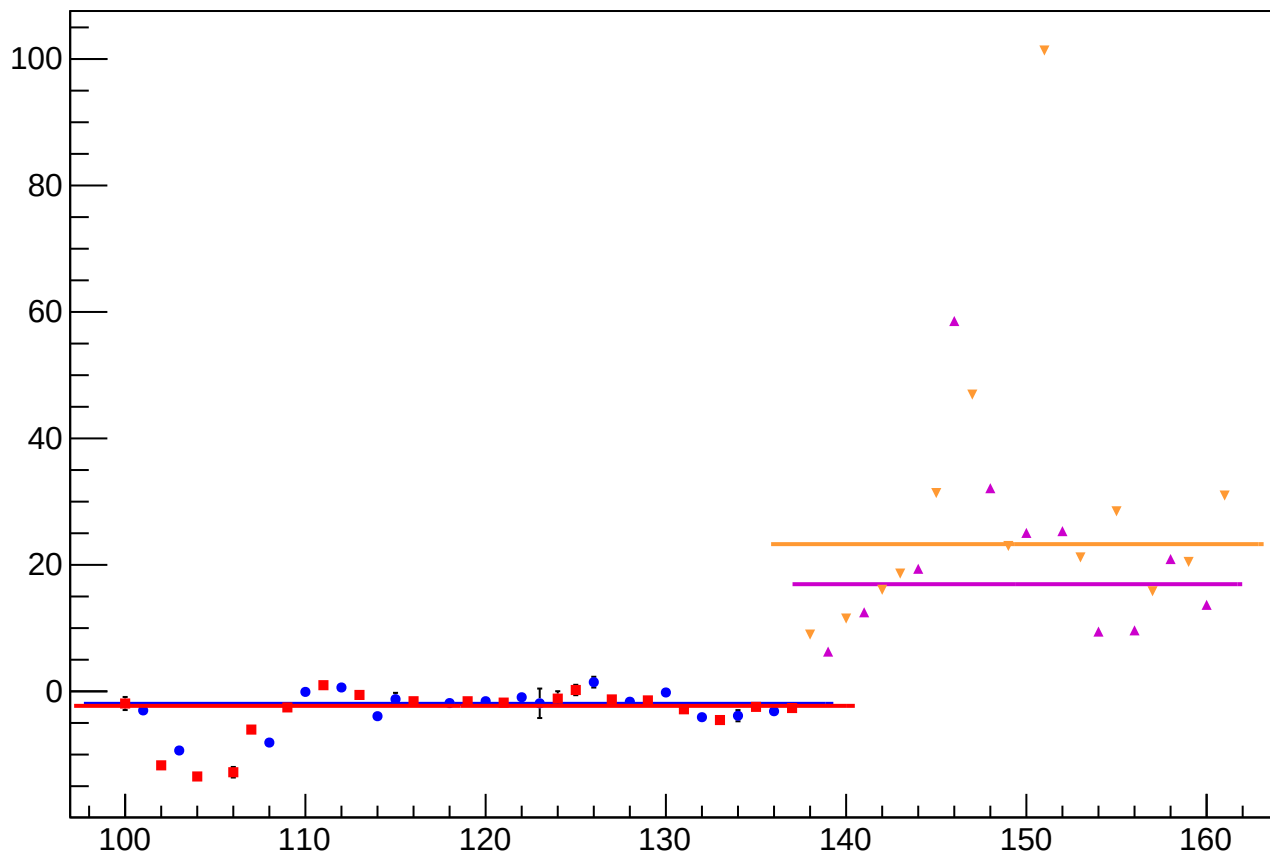
Left In: 1.425 $\pm$ 0.044 χ^2/NDF : 1503.9/10

+ sign 1.595 $\pm$ 0.039 χ^2/NDF : 2646.7/29

All: 1.433 $\pm$ 0.026 χ^2/NDF : 5154.5/59

- sign 1.304 $\pm$ 0.035 χ^2/NDF : 2477.0/29

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 $\chi^2/\text{NDF}: 463.8/16$

Left Out: 23.280 ± 0.070 $\chi^2/\text{NDF}: 46820.0/12$

Right Out: -2.294 ± 0.098 $\chi^2/\text{NDF}: 906.6/18$

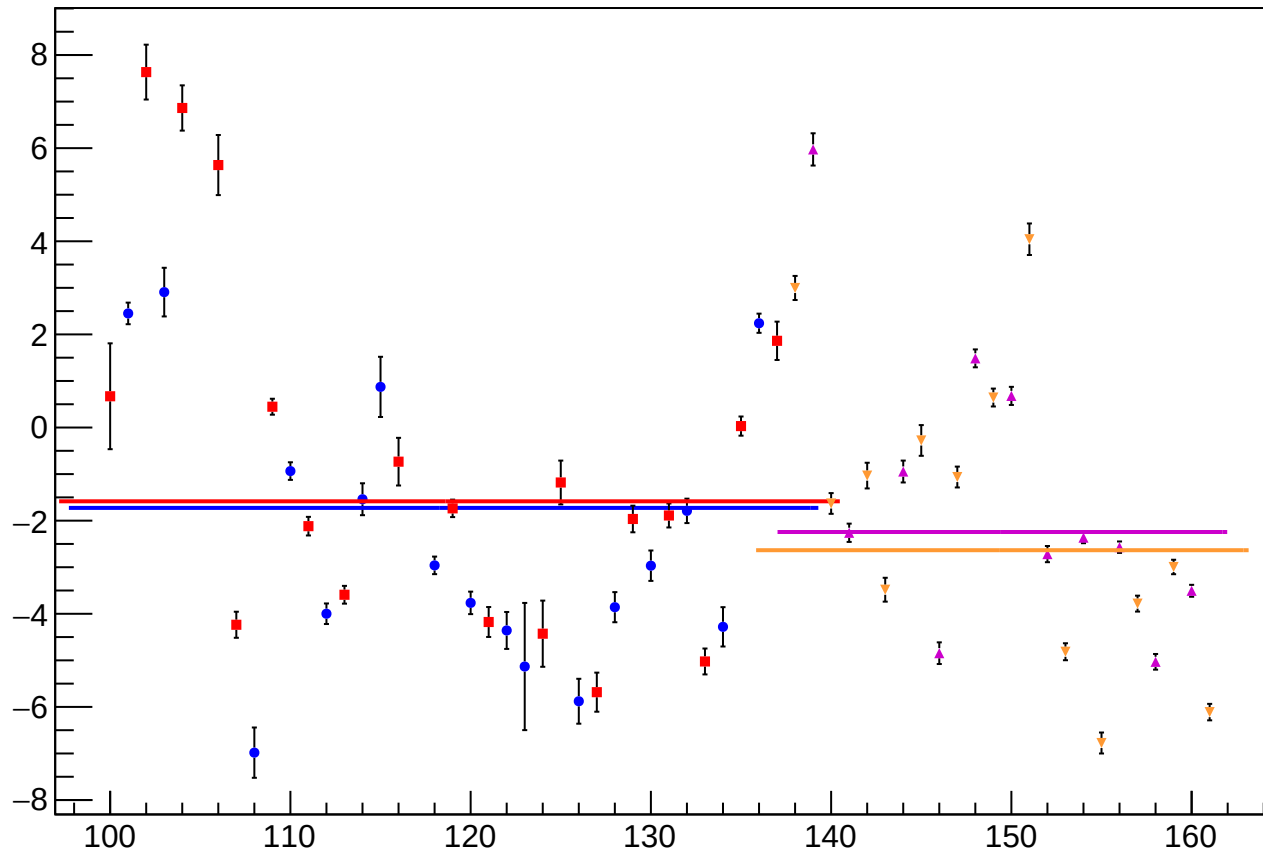
Left In: 16.945 ± 0.060 $\chi^2/\text{NDF}: 34679.0/10$

+ sign 15.989 ± 0.059 $\chi^2/\text{NDF}: 84758.4/29$

All: 13.536 ± 0.039 $\chi^2/\text{NDF}: 151111.3/59$

- sign 11.673 ± 0.052 $\chi^2/\text{NDF}: 63323.7/29$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -2.635 ± 0.059 χ^2/NDF : 2237.7/12

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

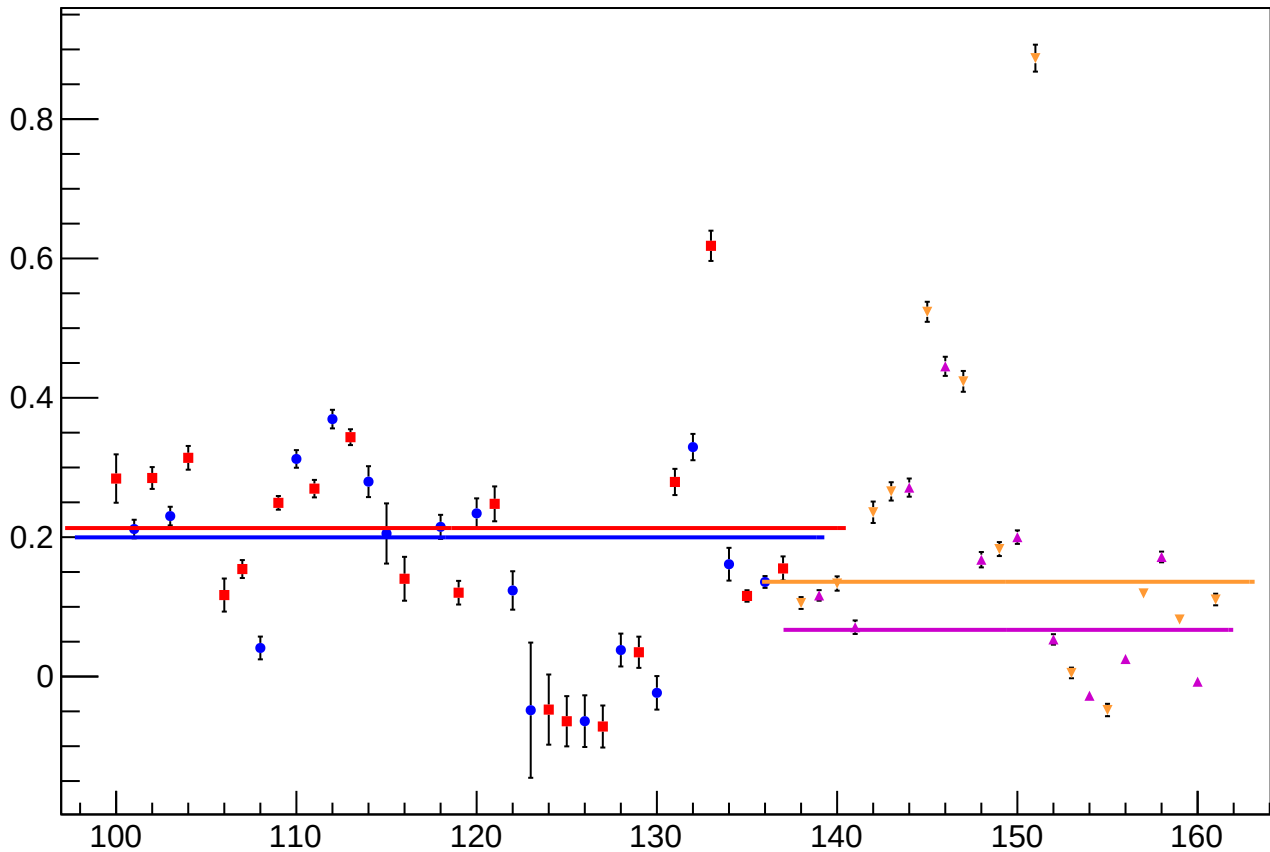
Left In: -2.244 ± 0.051 χ^2/NDF : 1707.7/10

+ sign -2.256 ± 0.045 χ^2/NDF : 3677.6/29

All: -2.111 ± 0.030 χ^2/NDF : 6960.1/59

- sign -1.997 ± 0.040 χ^2/NDF : 3264.1/29

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: 0.136 $\pm$ 0.003 χ^2 /NDF: 3572.4/12

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1050.9/18

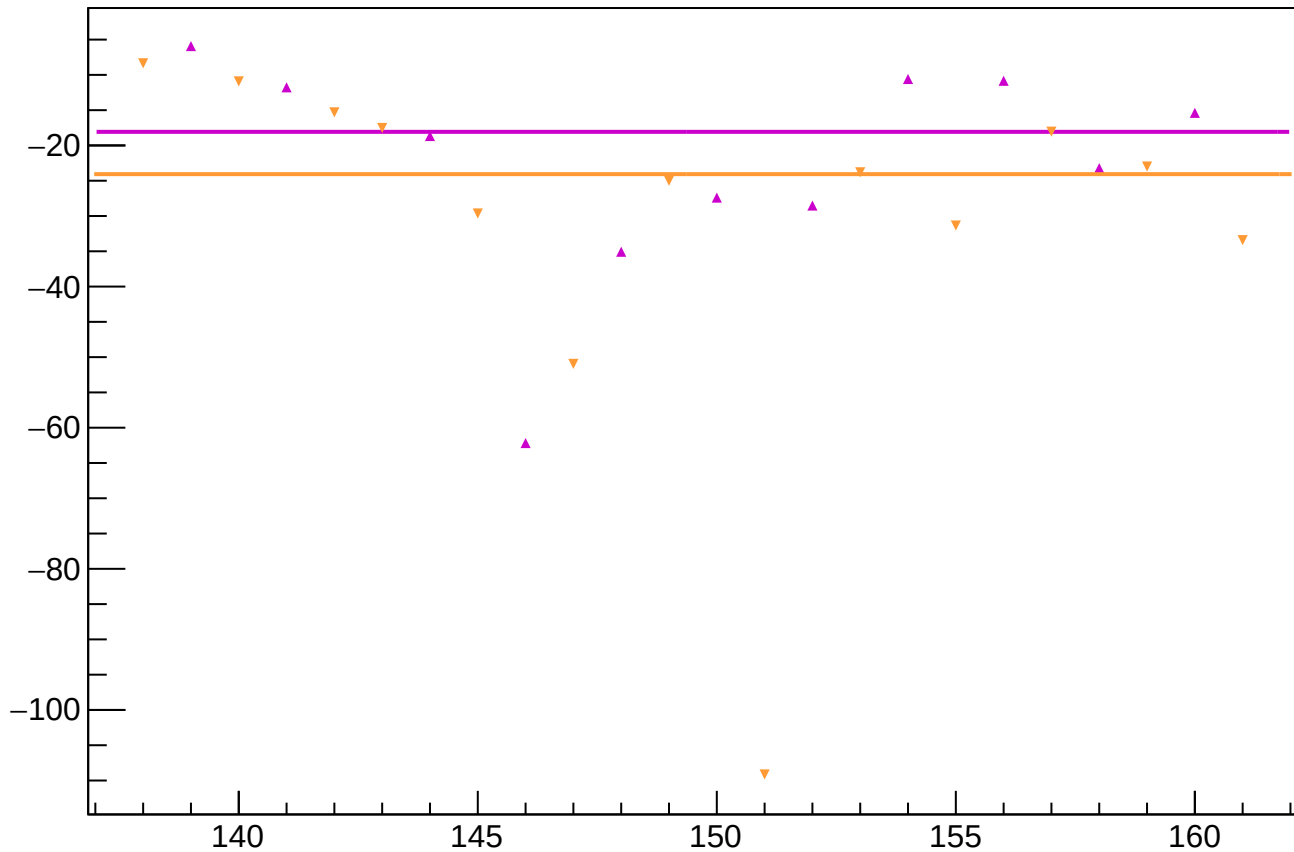
Left In: 0.067 $\pm$ 0.002 χ^2 /NDF: 2112.4/10

+ sign 0.155 $\pm$ 0.002 χ^2 /NDF: 4404.7/29

All: 0.126 $\pm$ 0.001 χ^2 /NDF: 9014.8/59

- sign 0.106 $\pm$ 0.002 χ^2 /NDF: 4326.7/29

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -24.069 ± 0.072 χ^2/NDF : 52136.0/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

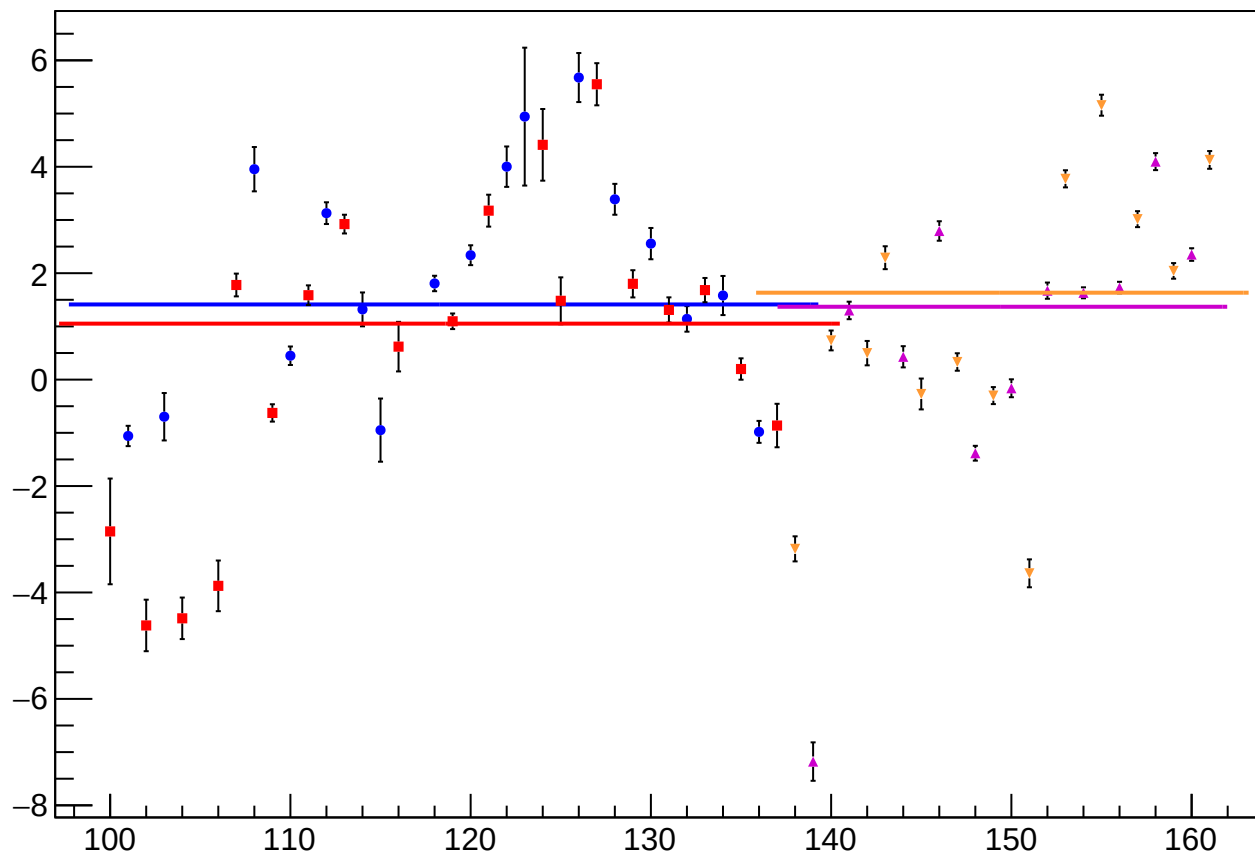
Left In: -18.072 ± 0.063 χ^2/NDF : 36790.9/10

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.687 ± 0.048 χ^2/NDF : 92836.7/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 $\pm$ 0.061 χ^2/NDF : 713.9/16

Left Out: 1.633 $\pm$ 0.051 χ^2/NDF :1943.5/12

Right Out: 1.052 $\pm$ 0.058 χ^2/NDF : 963.3/18

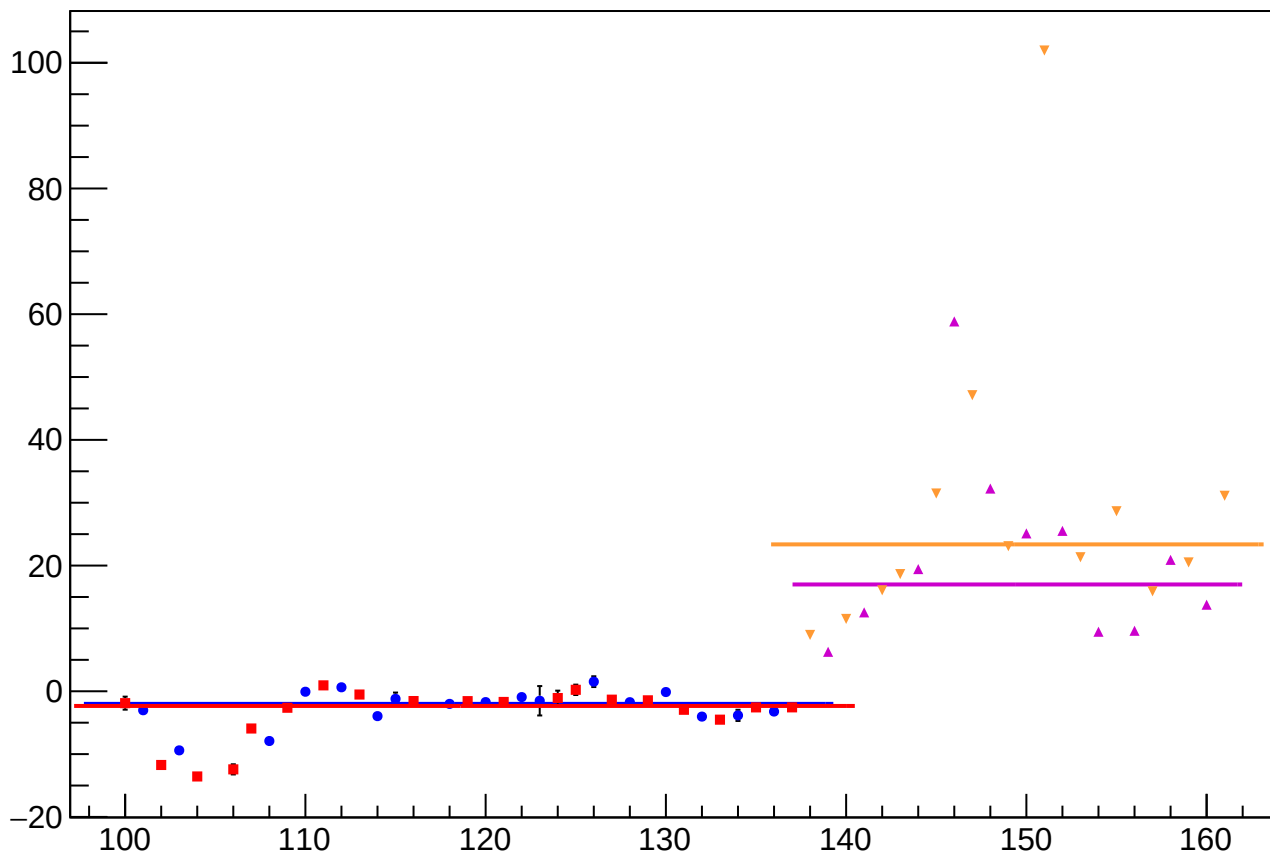
Left In: 1.369 $\pm$ 0.044 χ^2/NDF :1497.8/10

+ sign 1.542 $\pm$ 0.039 χ^2/NDF : 2665.0/29

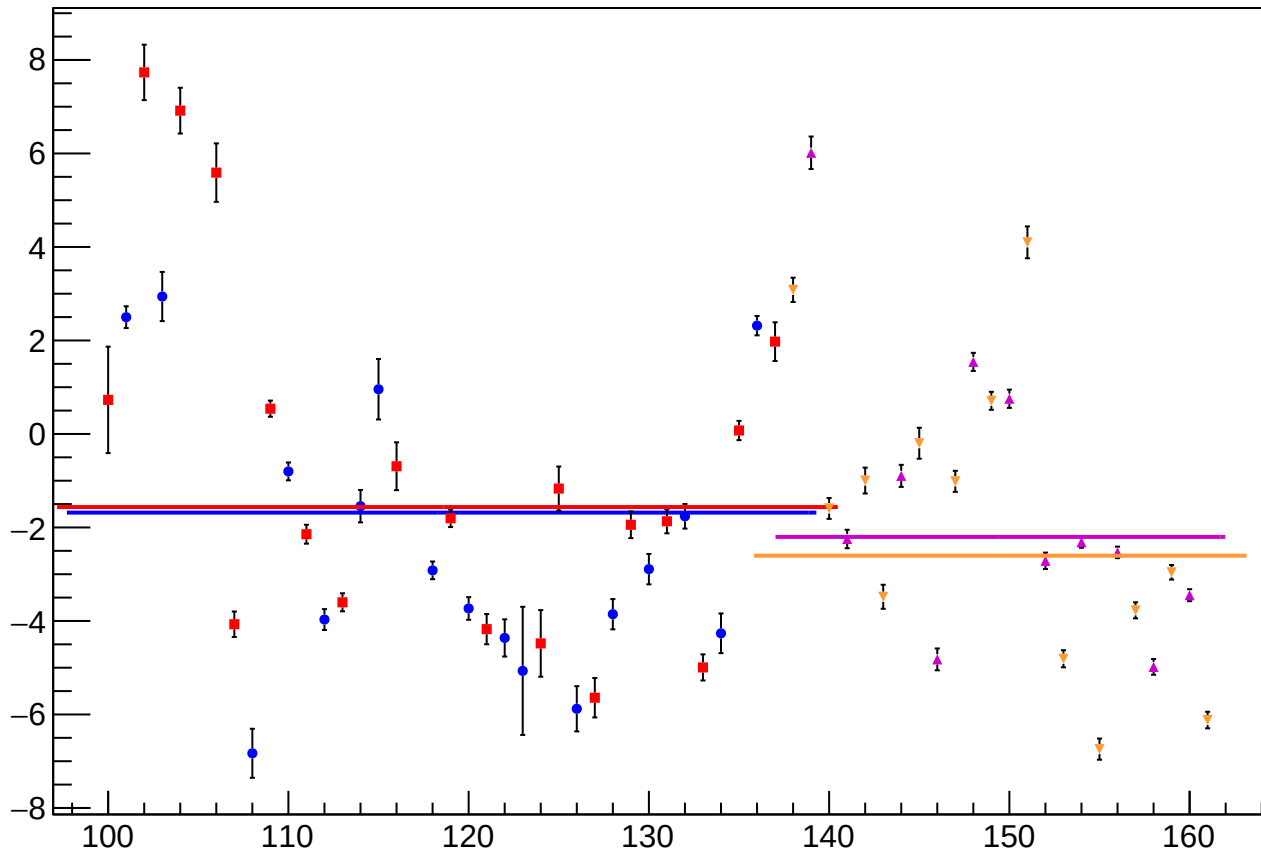
All: 1.382 $\pm$ 0.026 χ^2/NDF : 5175.1/59

- sign 1.254 $\pm$ 0.035 χ^2/NDF : 2480.1/29

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.604 ± 0.059 χ^2/NDF : 2253.6/12

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

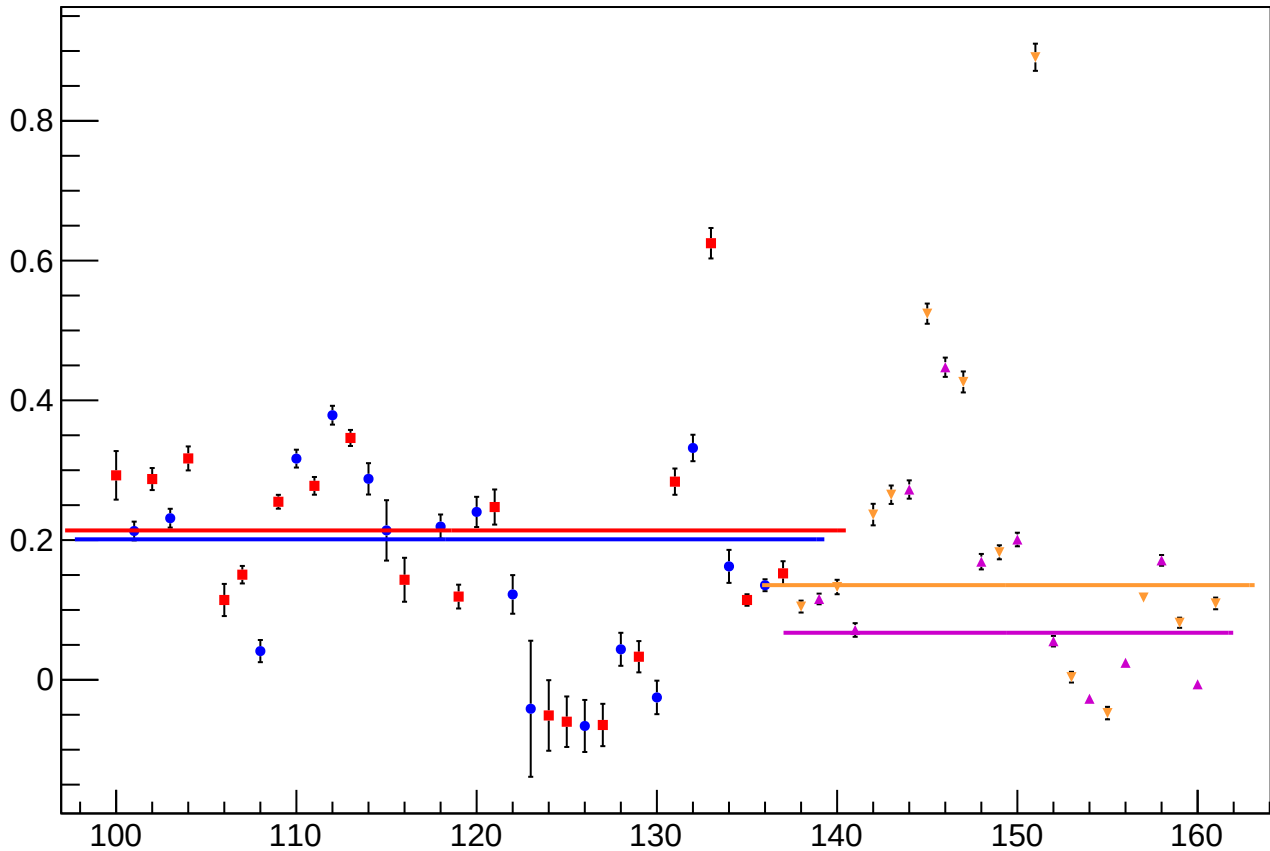
Left In: -2.202 ± 0.051 χ^2/NDF : 1702.0/10

+ sign -2.220 ± 0.045 χ^2/NDF : 3701.7/29

All: -2.076 ± 0.030 χ^2/NDF : 6985.6/59

- sign -1.963 ± 0.040 χ^2/NDF : 3266.0/29

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.136 ± 0.003 χ^2/NDF : 3566.3/12

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

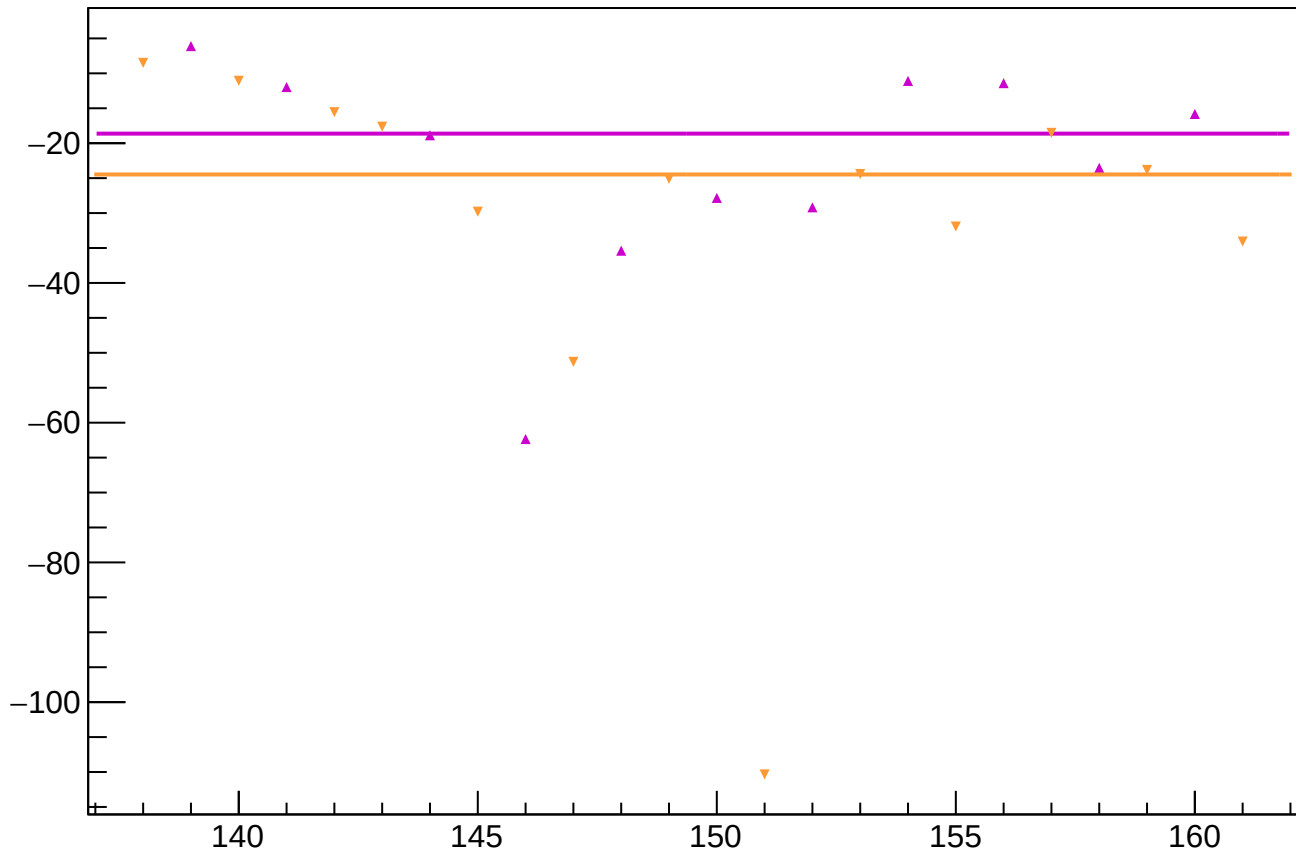
Left In: 0.067 ± 0.002 χ^2/NDF : 2103.3/10

+ sign 0.155 ± 0.002 χ^2/NDF : 4435.8/29

All: 0.126 ± 0.001 χ^2/NDF : 9061.9/59

- sign 0.106 ± 0.002 χ^2/NDF : 4350.5/29

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -24.474+/-0.073 χ^2/NDF : 52015.0/12

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

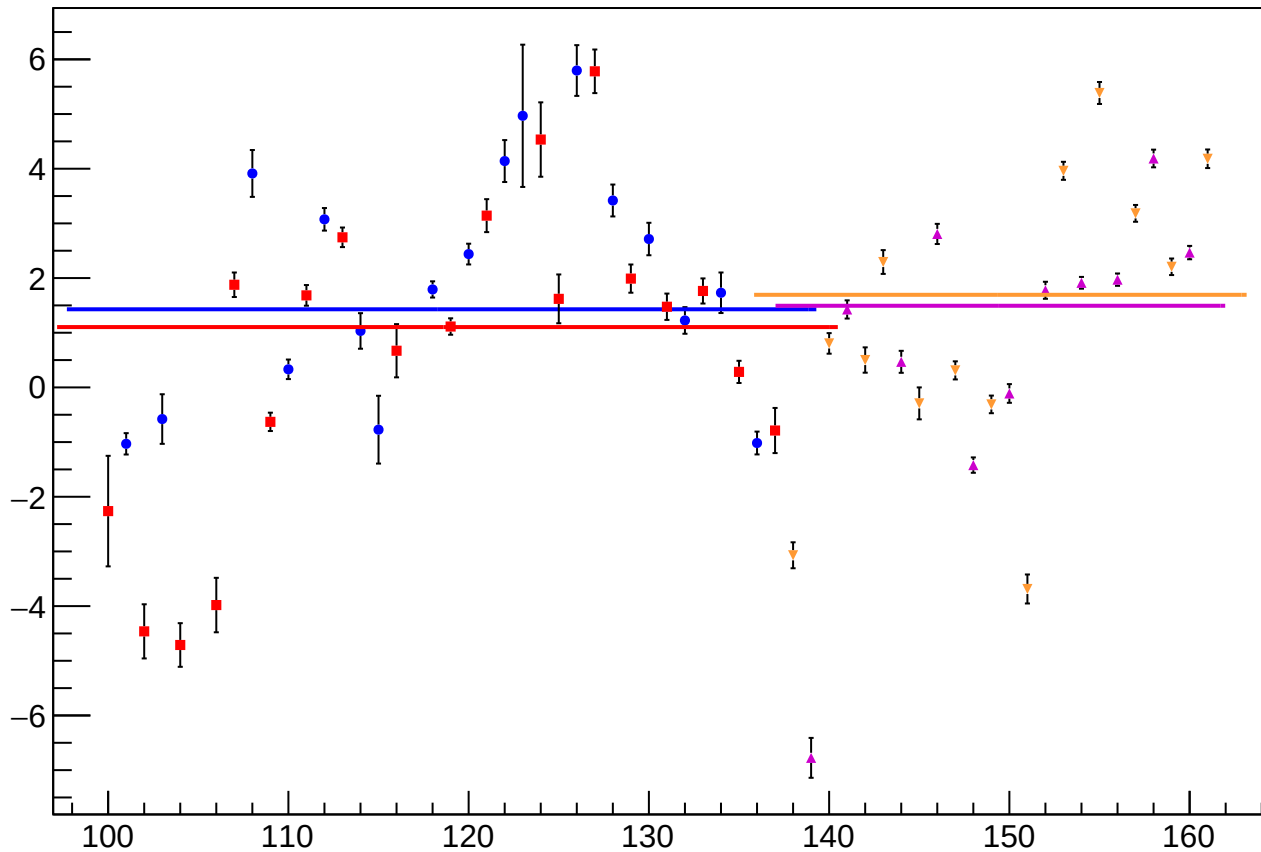
Left In: -18.628+/-0.065 χ^2/NDF : 35753.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.200+/-0.049 χ^2/NDF : 91339.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 ± 0.062 χ^2/NDF : 711.4/16

Left Out: 1.694 ± 0.052 χ^2/NDF : 1987.3/12

Right Out: 1.104 ± 0.059 χ^2/NDF : 936.5/18

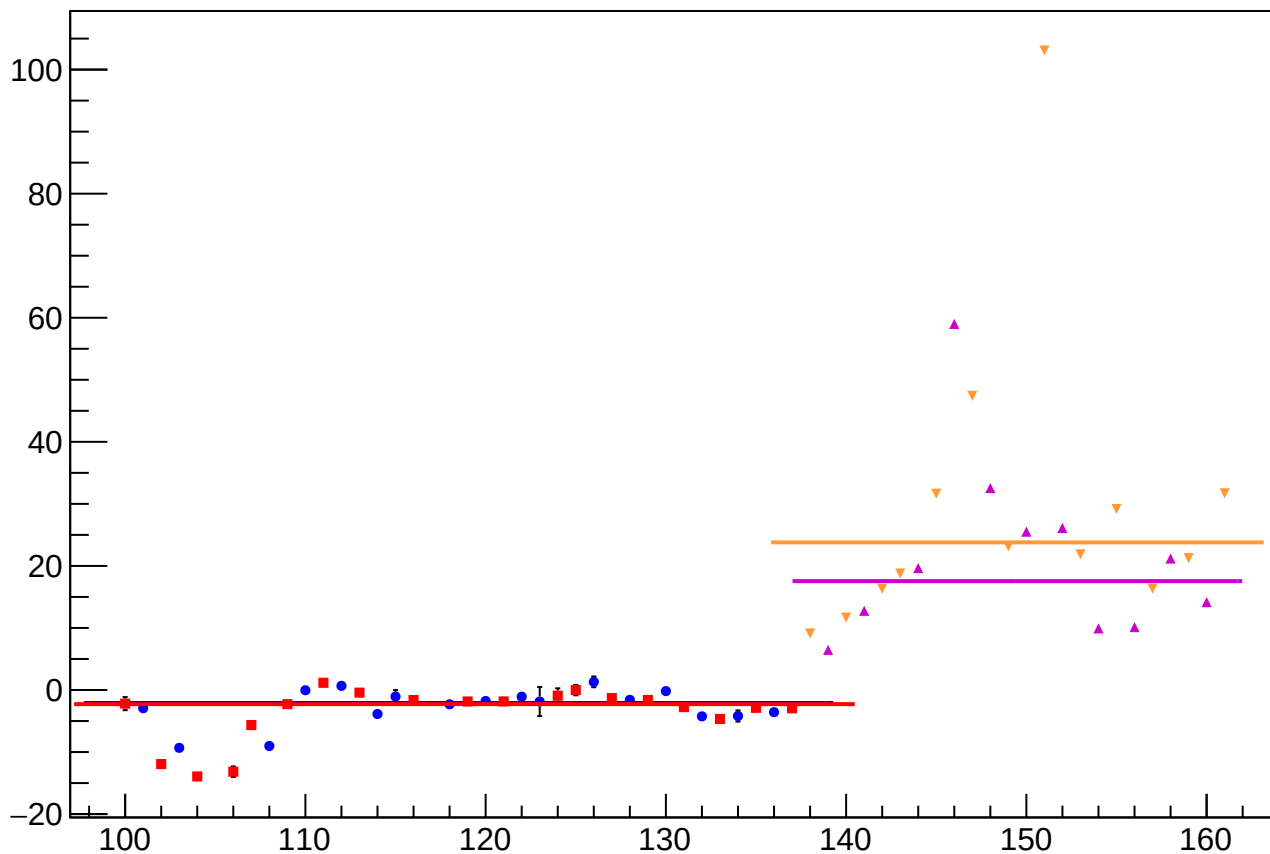
Left In: 1.493 ± 0.045 χ^2/NDF : 1484.1/10

+ sign 1.585 ± 0.040 χ^2/NDF : 2709.4/29

All: 1.455 ± 0.027 χ^2/NDF : 5176.4/59

- sign 1.351 ± 0.036 χ^2/NDF : 2448.1/29

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 23.794 ± 0.072 χ^2/NDF : 46671.7/12

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

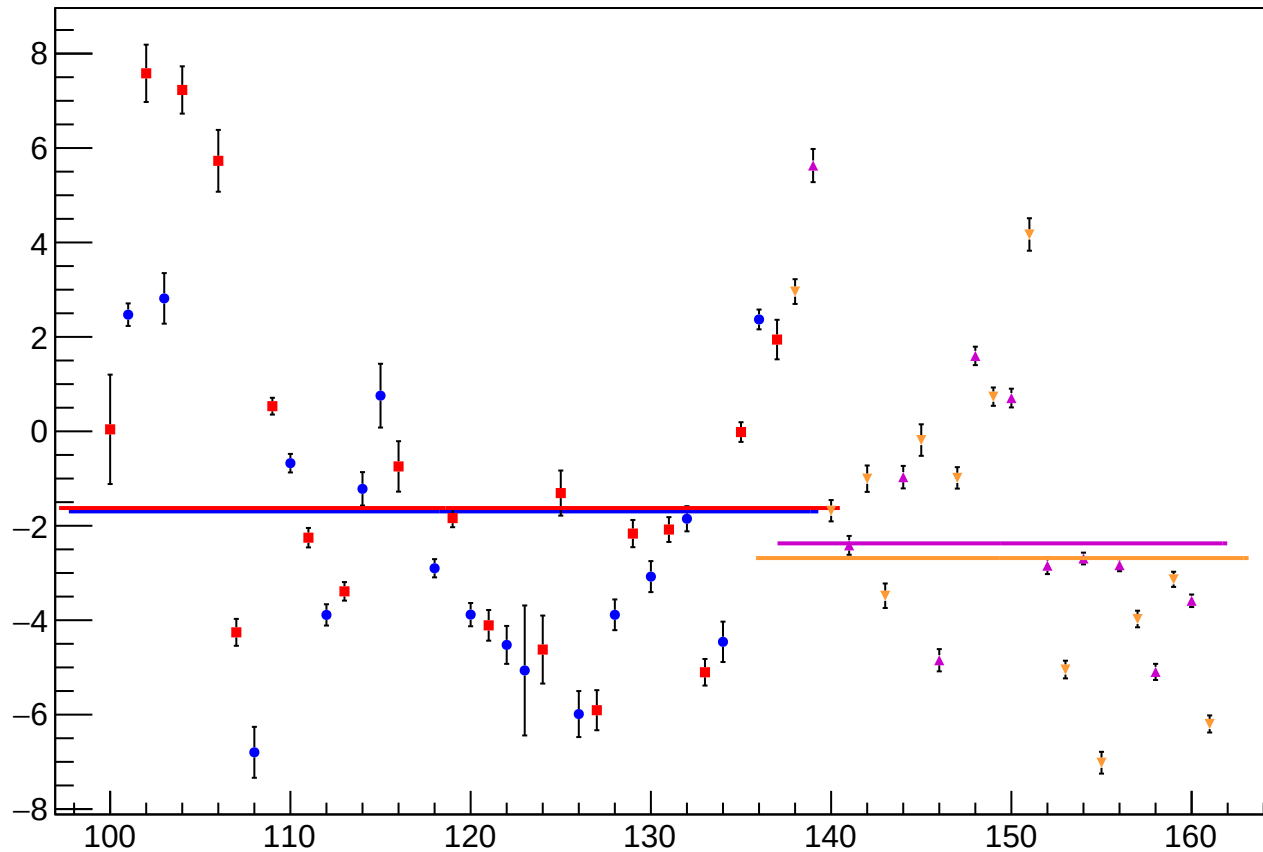
Left In: 17.550 ± 0.062 χ^2/NDF : 33629.5/10

+ sign 16.340 ± 0.060 χ^2/NDF : 84803.1/29

All: 13.939 ± 0.040 χ^2/NDF : 150071.7/59

- sign 12.093 ± 0.053 χ^2/NDF : 62476.4/29

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 $\chi^2/\text{NDF}: 1333.3/16$

Left Out: -2.684 ± 0.060 $\chi^2/\text{NDF}: 2297.5/12$

Right Out: -1.624 ± 0.067 $\chi^2/\text{NDF}: 1467.3/18$

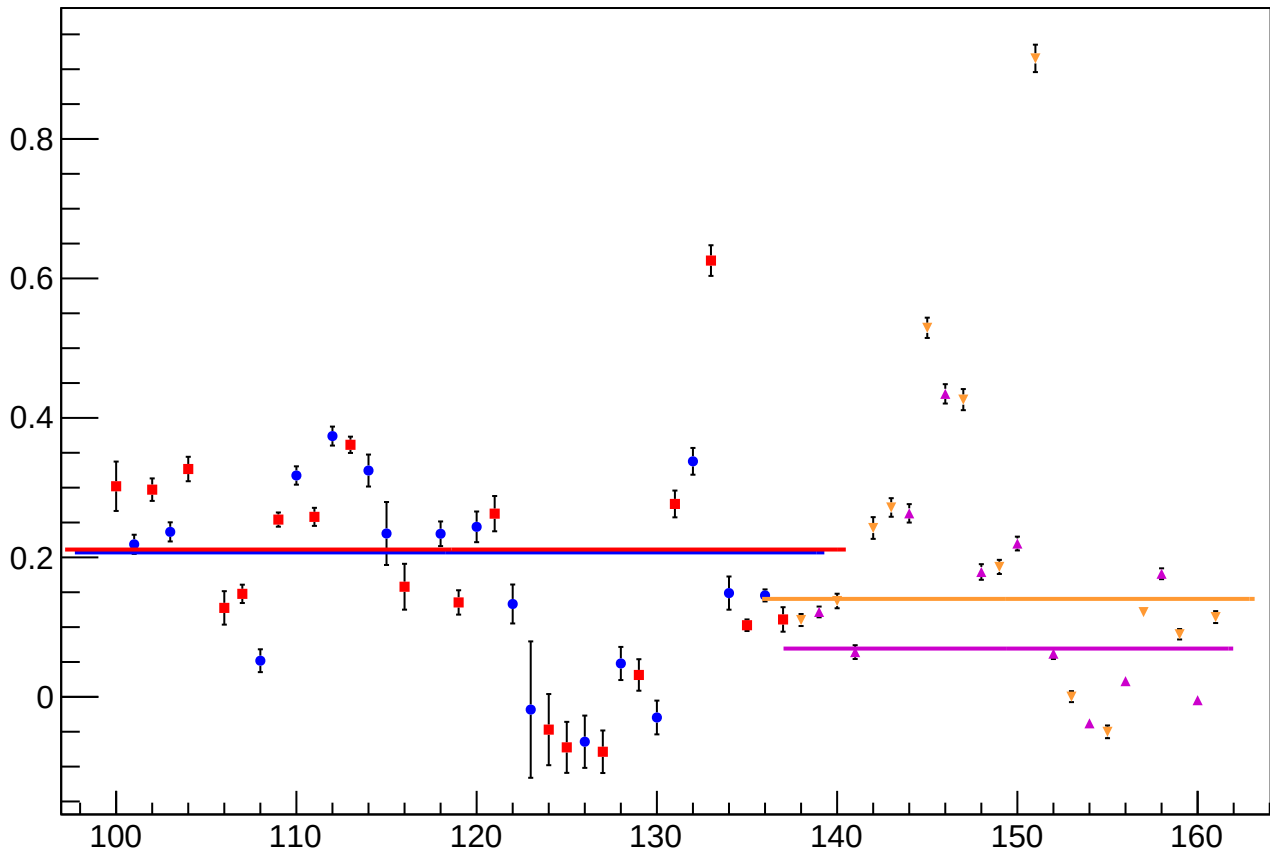
Left In: -2.373 ± 0.052 $\chi^2/\text{NDF}: 1683.5/10$

+ sign -2.272 ± 0.046 $\chi^2/\text{NDF}: 3742.1/29$

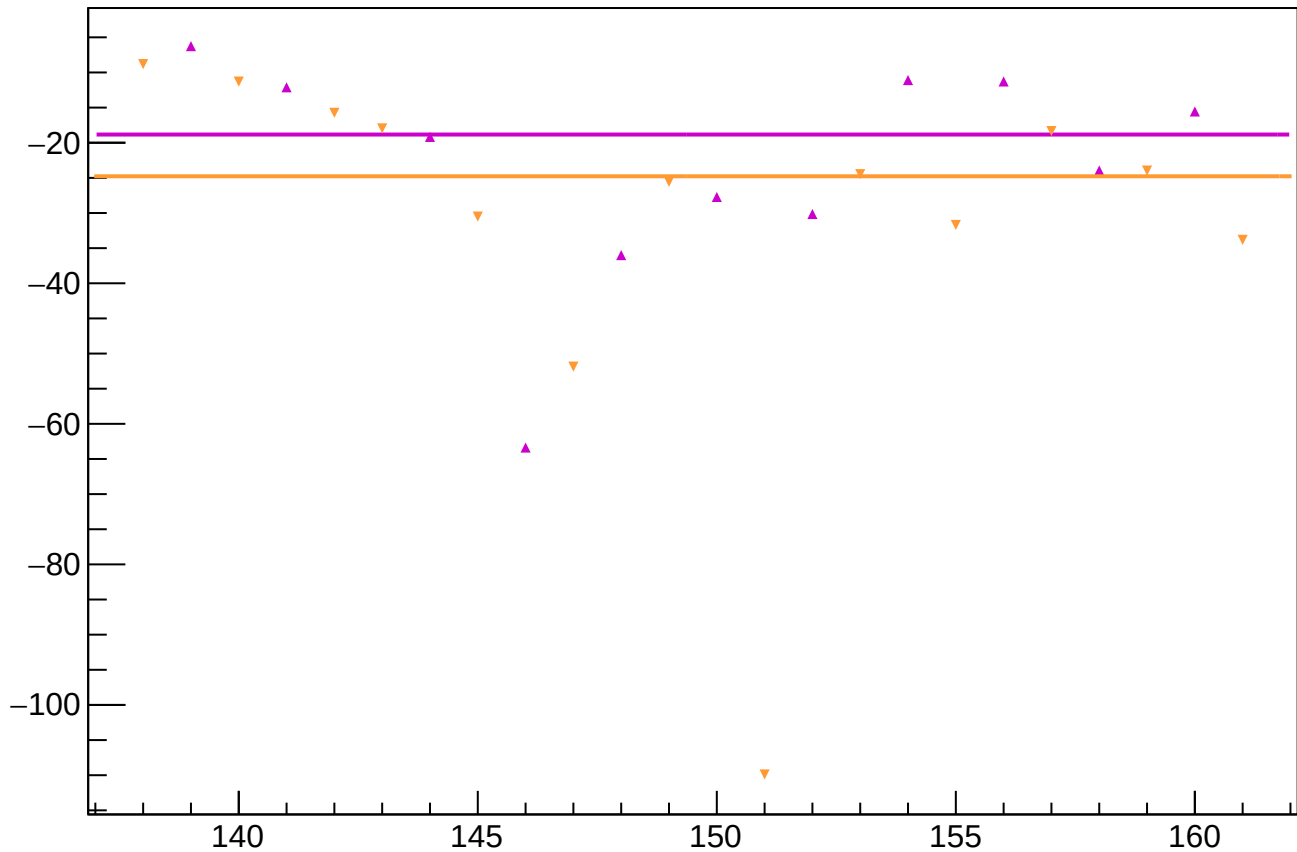
All: -2.171 ± 0.031 $\chi^2/\text{NDF}: 6979.3/59$

- sign -2.091 ± 0.041 $\chi^2/\text{NDF}: 3228.6/29$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -24.775+/-0.074 χ^2/NDF : 51106.4/12

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

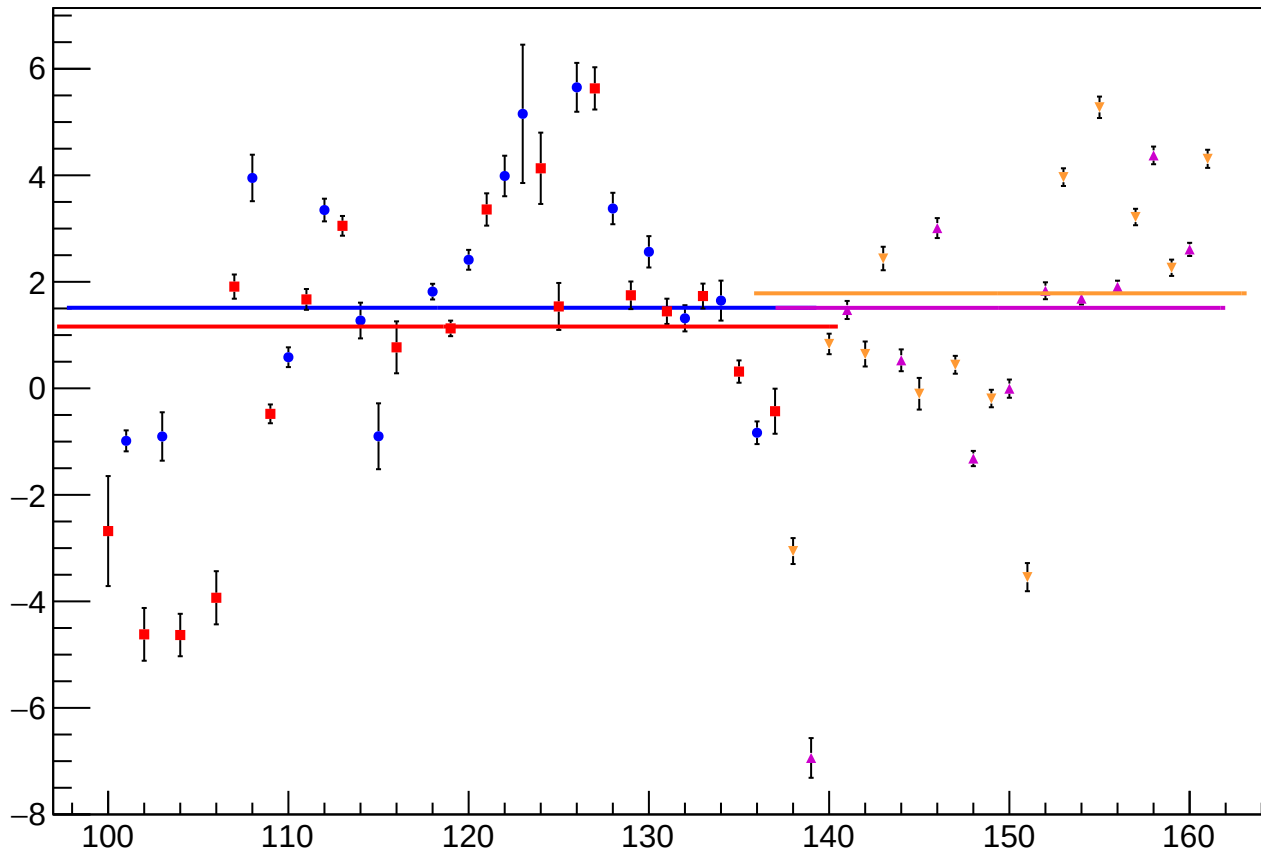
Left In: -18.833+/-0.066 χ^2/NDF : 36127.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.461+/-0.049 χ^2/NDF : 90818.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 ± 0.063 χ^2/NDF : 669.7/16

Left Out: 1.784 ± 0.053 χ^2/NDF : 1897.7/12

Right Out: 1.160 ± 0.060 χ^2/NDF : 917.0/18

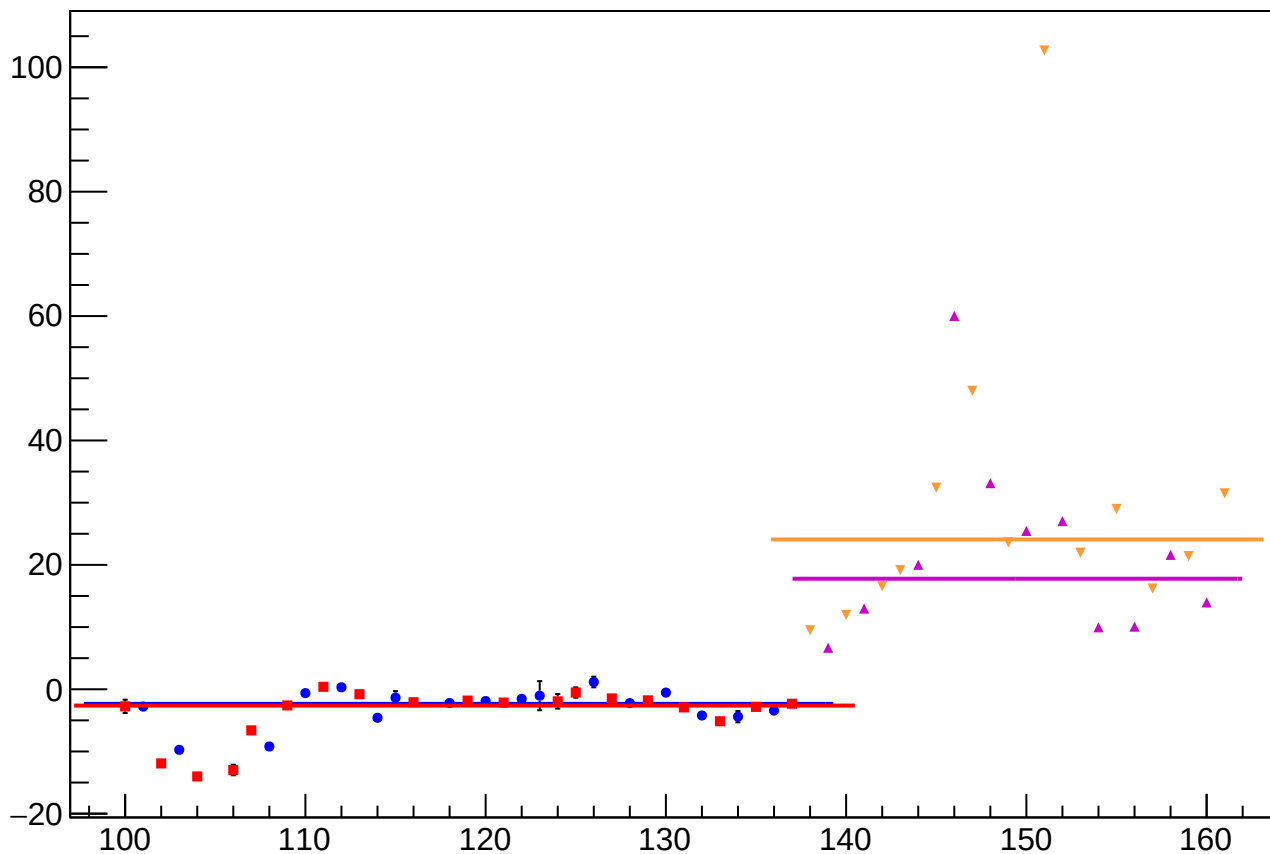
Left In: 1.511 ± 0.046 χ^2/NDF : 1465.6/10

+ sign 1.672 ± 0.040 χ^2/NDF : 2578.4/29

All: 1.512 ± 0.027 χ^2/NDF : 5011.1/59

- sign 1.382 ± 0.036 χ^2/NDF : 2404.3/29

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 24.085 ± 0.072 χ^2/NDF : 45994.1/12

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

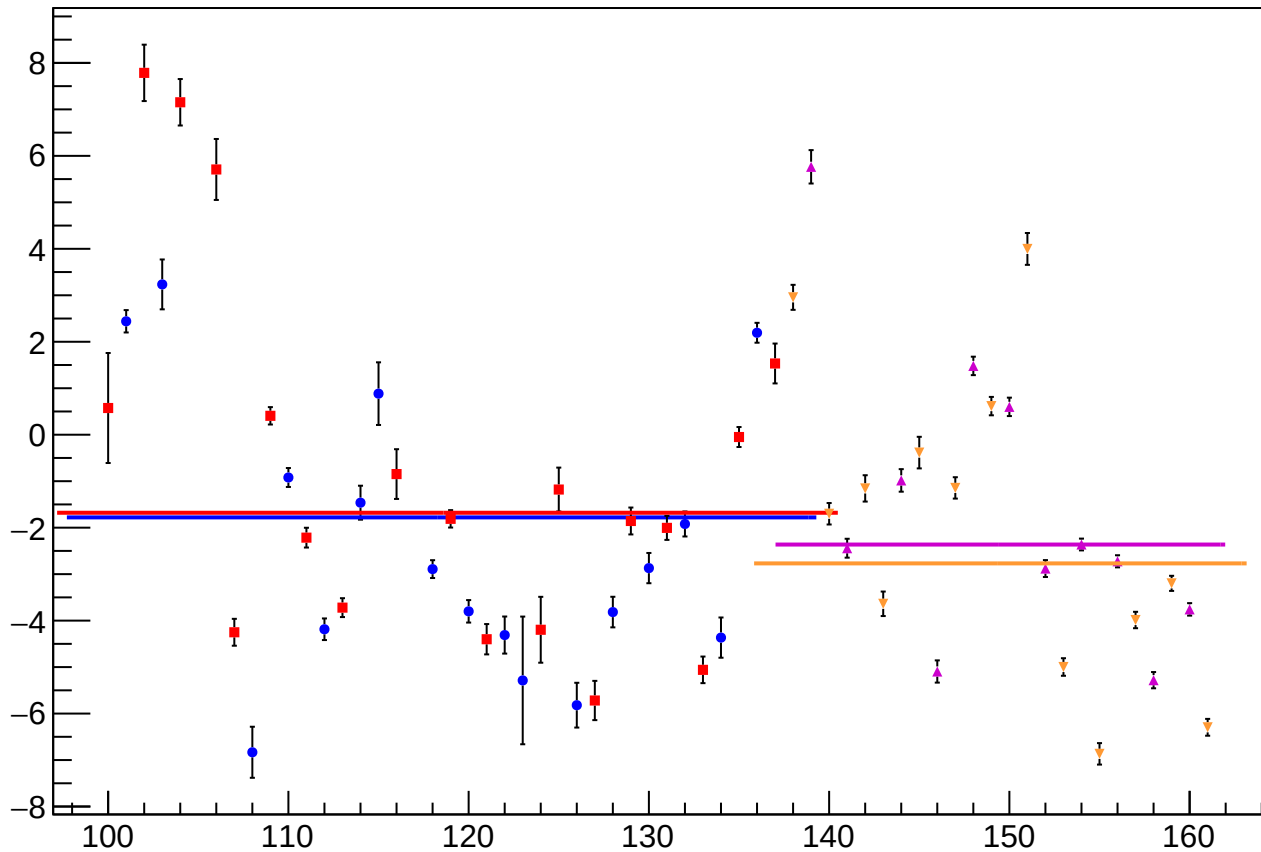
Left In: 17.774 ± 0.063 χ^2/NDF : 34034.9/10

+ sign 16.513 ± 0.061 χ^2/NDF : 84600.9/29

All: 14.087 ± 0.040 χ^2/NDF : 150644.9/59

- sign 12.200 ± 0.054 χ^2/NDF : 63249.1/29

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779±/0.072 χ^2/NDF : 1272.1/16

Left Out: -2.769±/0.061 χ^2/NDF : 2187.1/12

Right Out: -1.679±/0.068 χ^2/NDF : 1429.6/18

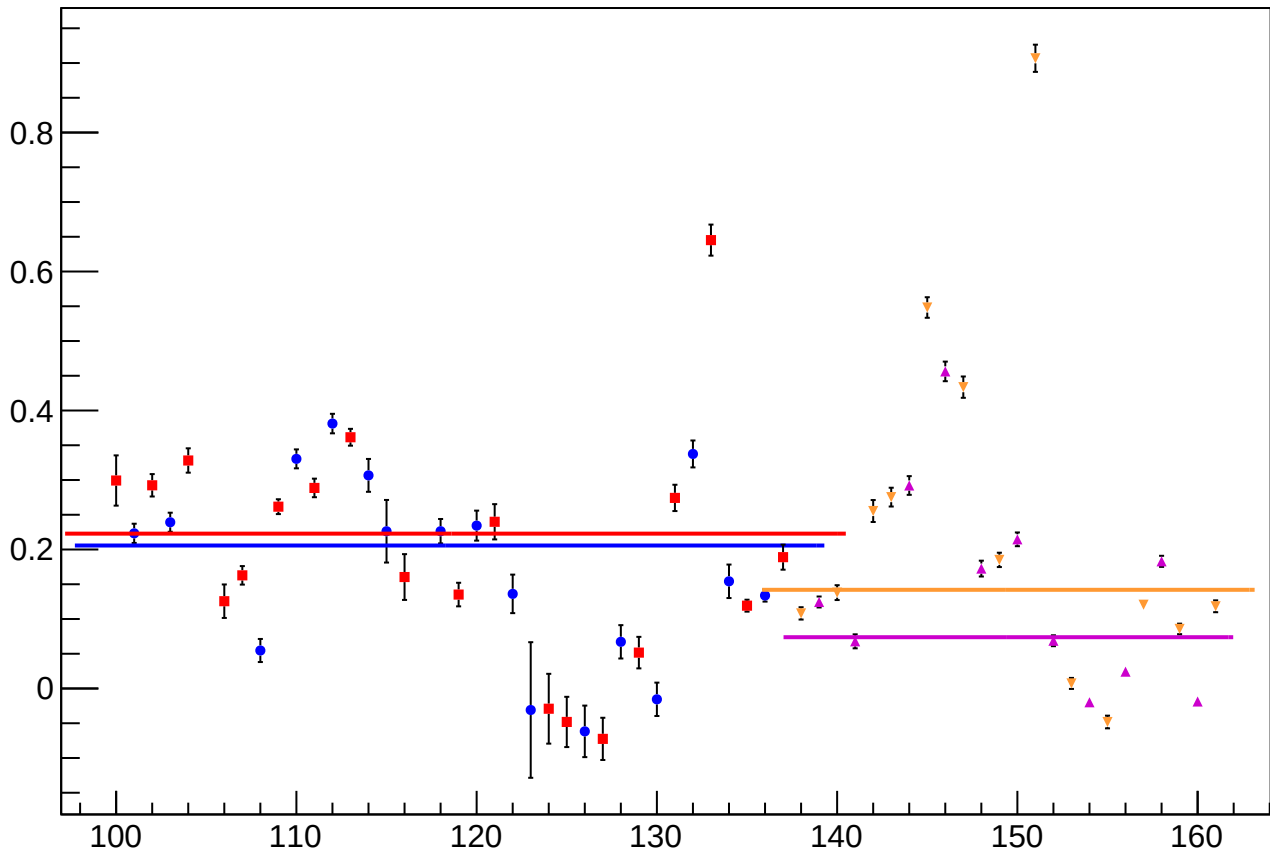
Left In: -2.363±/0.053 χ^2/NDF : 1675.7/10

+ sign -2.357±/0.047 χ^2/NDF : 3568.6/29

All: -2.217±/0.031 χ^2/NDF : 6752.9/59

- sign -2.105±/0.042 χ^2/NDF : 3168.2/29

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 $\pm$ 0.004 χ^2/NDF : 651.8/16

Left Out: 0.142 $\pm$ 0.003 χ^2/NDF : 3618.0/12

Right Out: 0.223 $\pm$ 0.004 χ^2/NDF : 1042.2/18

Left In: 0.074 $\pm$ 0.002 χ^2/NDF : 2141.1/10

+ sign 0.161 $\pm$ 0.002 χ^2/NDF : 4428.4/29

All: 0.133 $\pm$ 0.002 χ^2/NDF : 8962.3/59

- sign 0.113 $\pm$ 0.002 χ^2/NDF : 4291.9/29