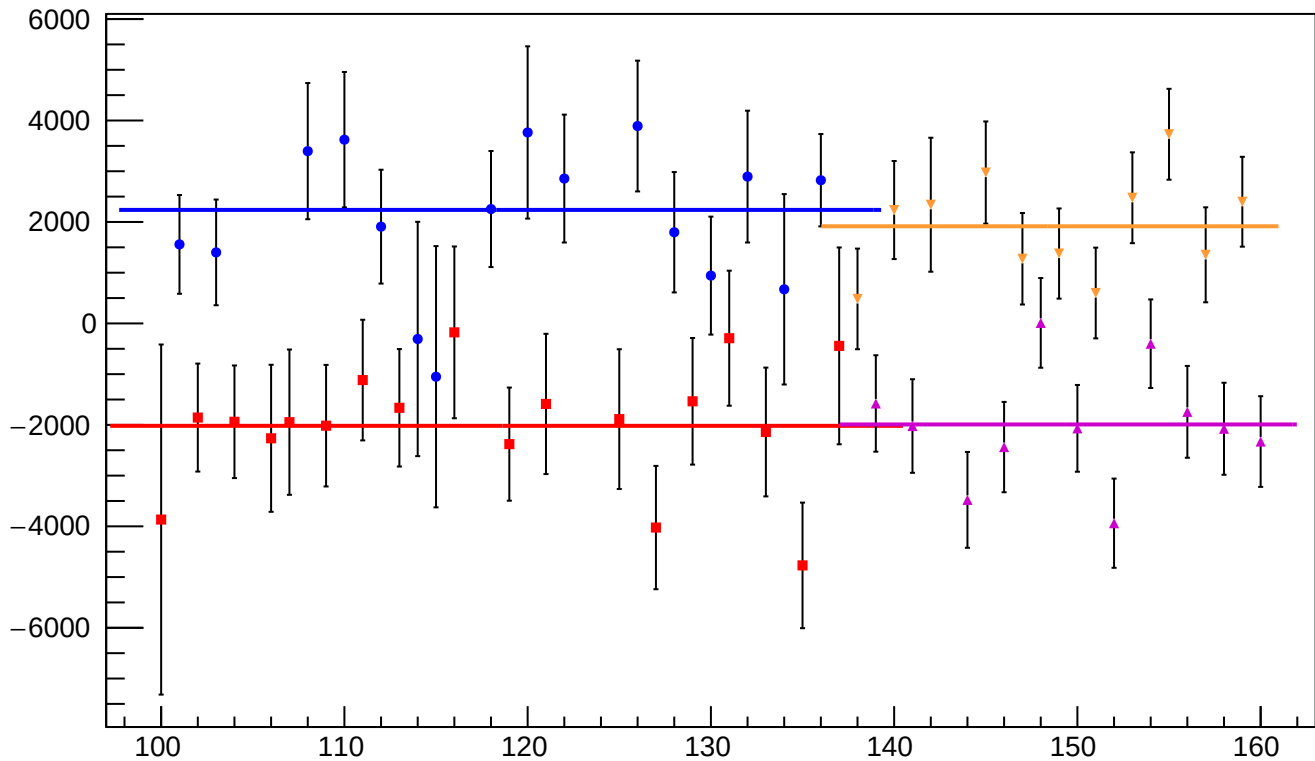


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

Left Out: 1915.006+/-285.125

χ^2/NDF : 11.6/10

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 2060.614+/-211.280

χ^2/NDF : 23.5/26

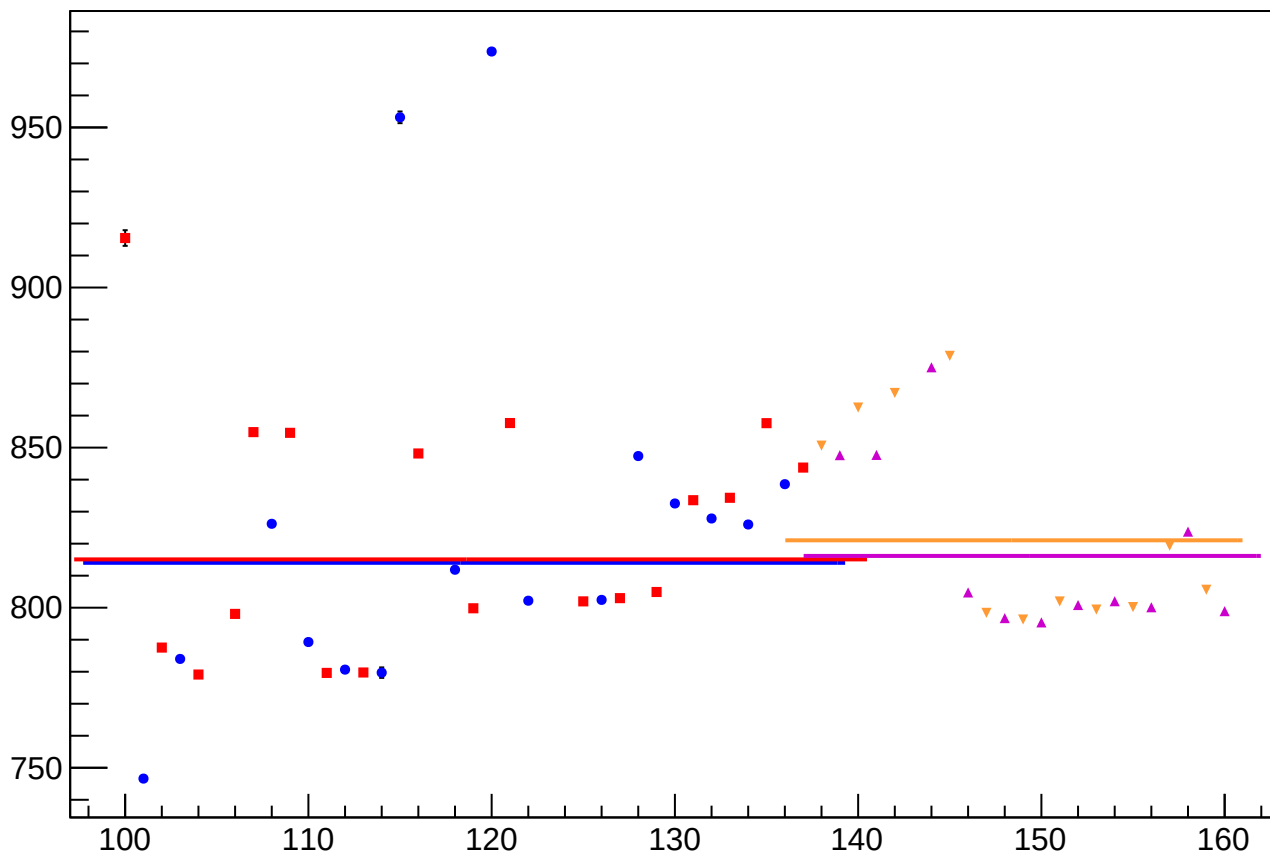
All: -46.434+/-146.610

χ^2/NDF : 244.4/55

- sign -2003.253+/-203.609

χ^2/NDF : 29.1/28

dit_asym_us_avg_rms vs Slug



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

Left Out: 821.043 ± 0.202 χ^2/NDF : 21020.0/10

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

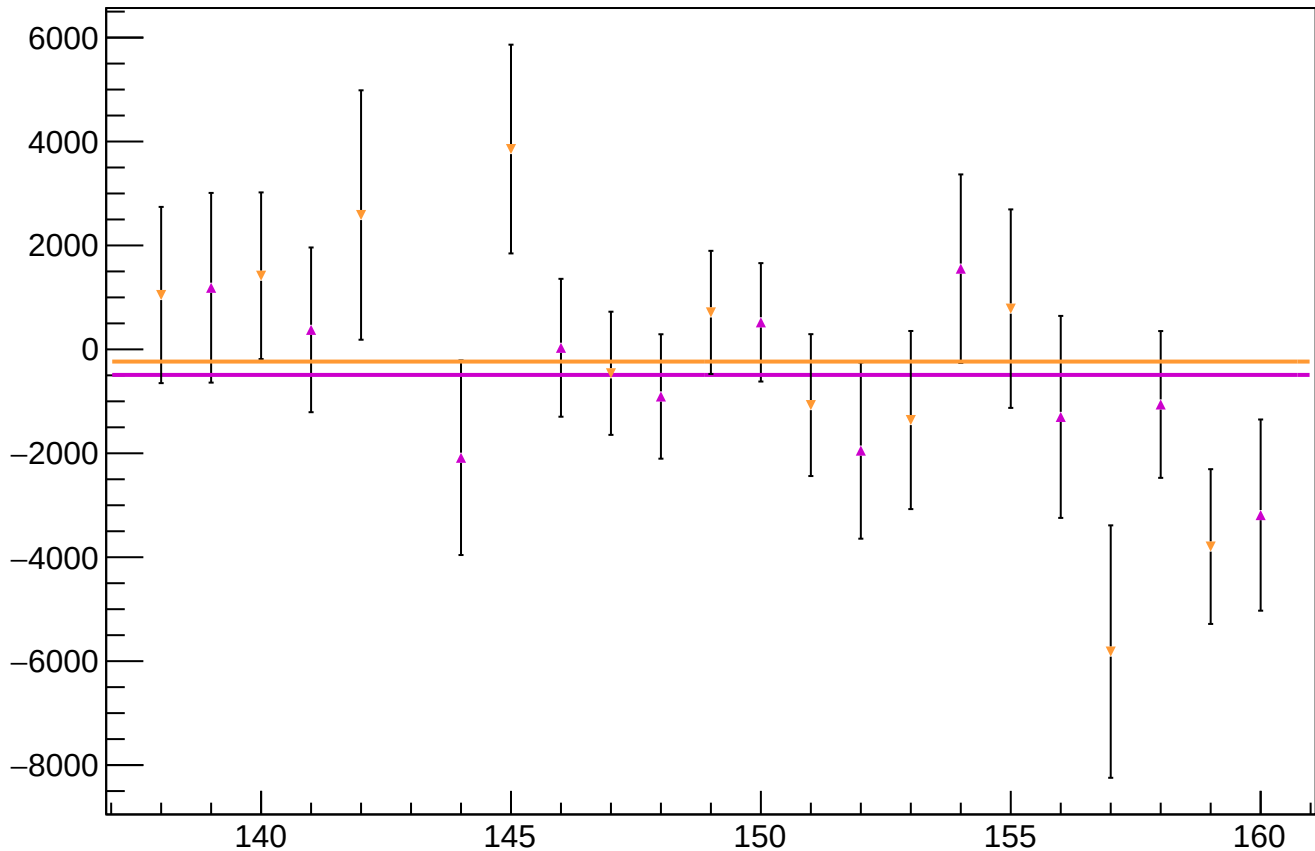
Left In: 816.169 ± 0.192 χ^2/NDF : 17433.0/10

+ sign 817.877 ± 0.149 χ^2/NDF : 63608.5/26

All: 816.746 ± 0.104 χ^2/NDF : 101125.3/55

- sign 815.696 ± 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: -234.758+/-479.230 χ^2/NDF :19.9/10

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

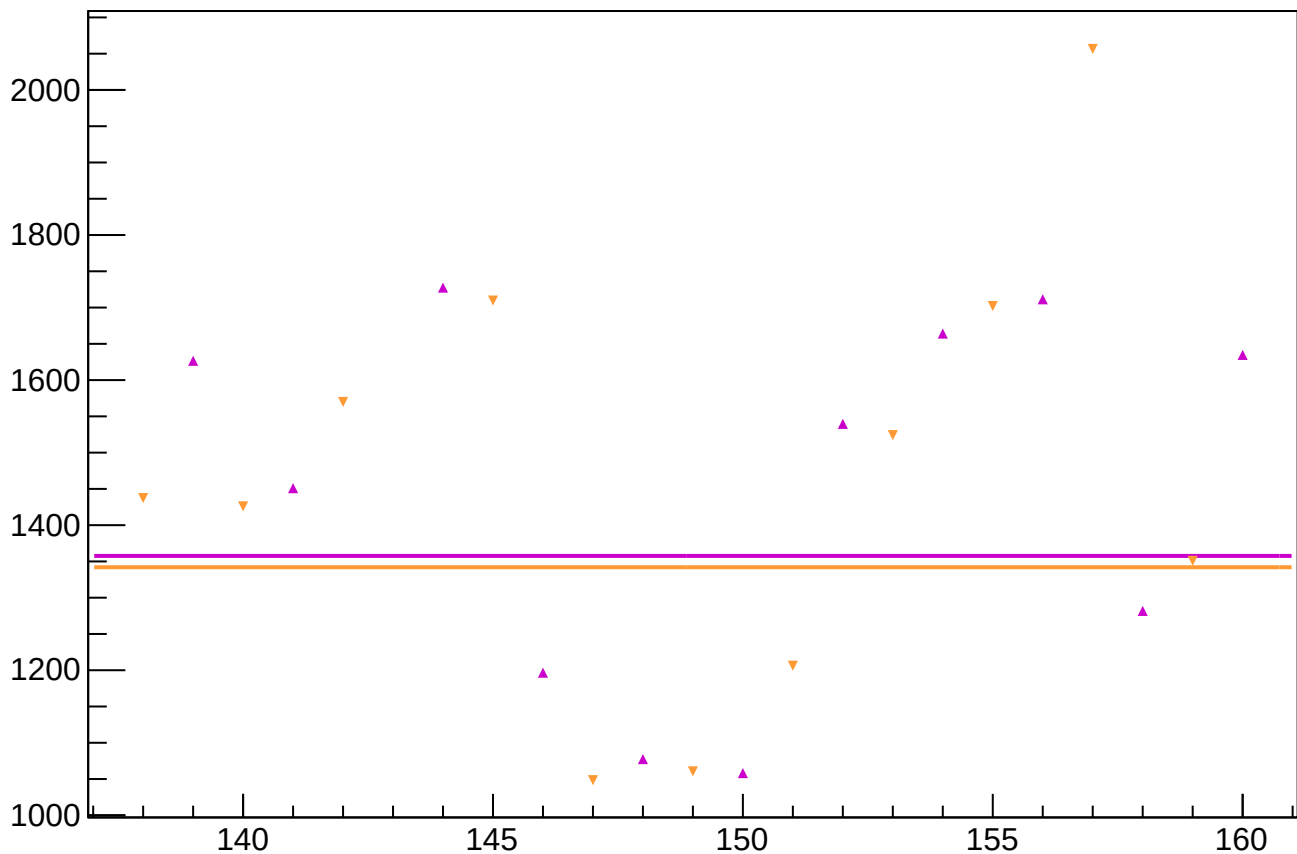
Left In: -491.609+/-459.645 χ^2/NDF :7.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -368.539+/-331.726 χ^2/NDF : 27.5/21

- 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: 1341.982+/-0.339 χ^2/NDF : 619007.8/10

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

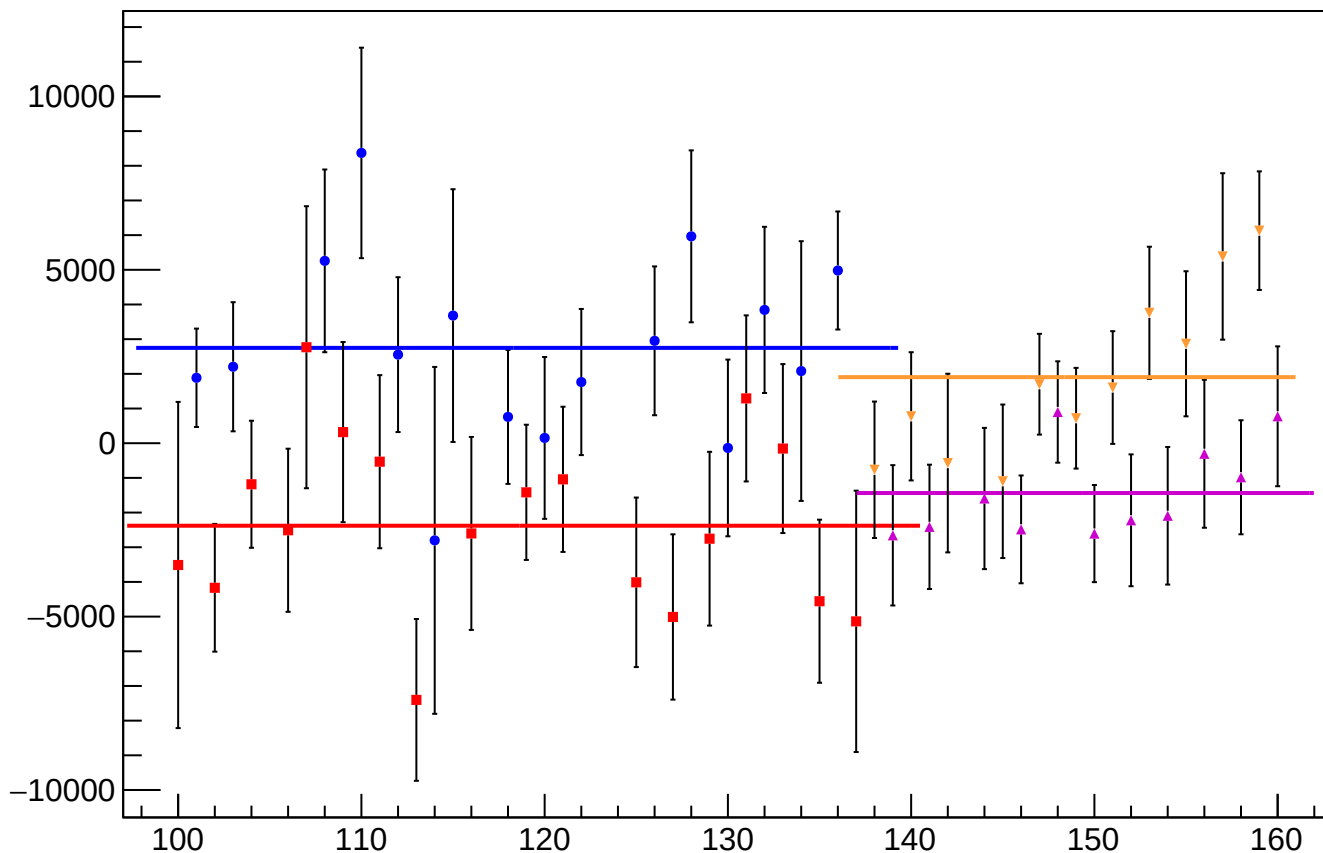
Left In: 1357.618+/-0.325 χ^2/NDF : 603201.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.126+/-0.235 χ^2/NDF : 1223318.1/21

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

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

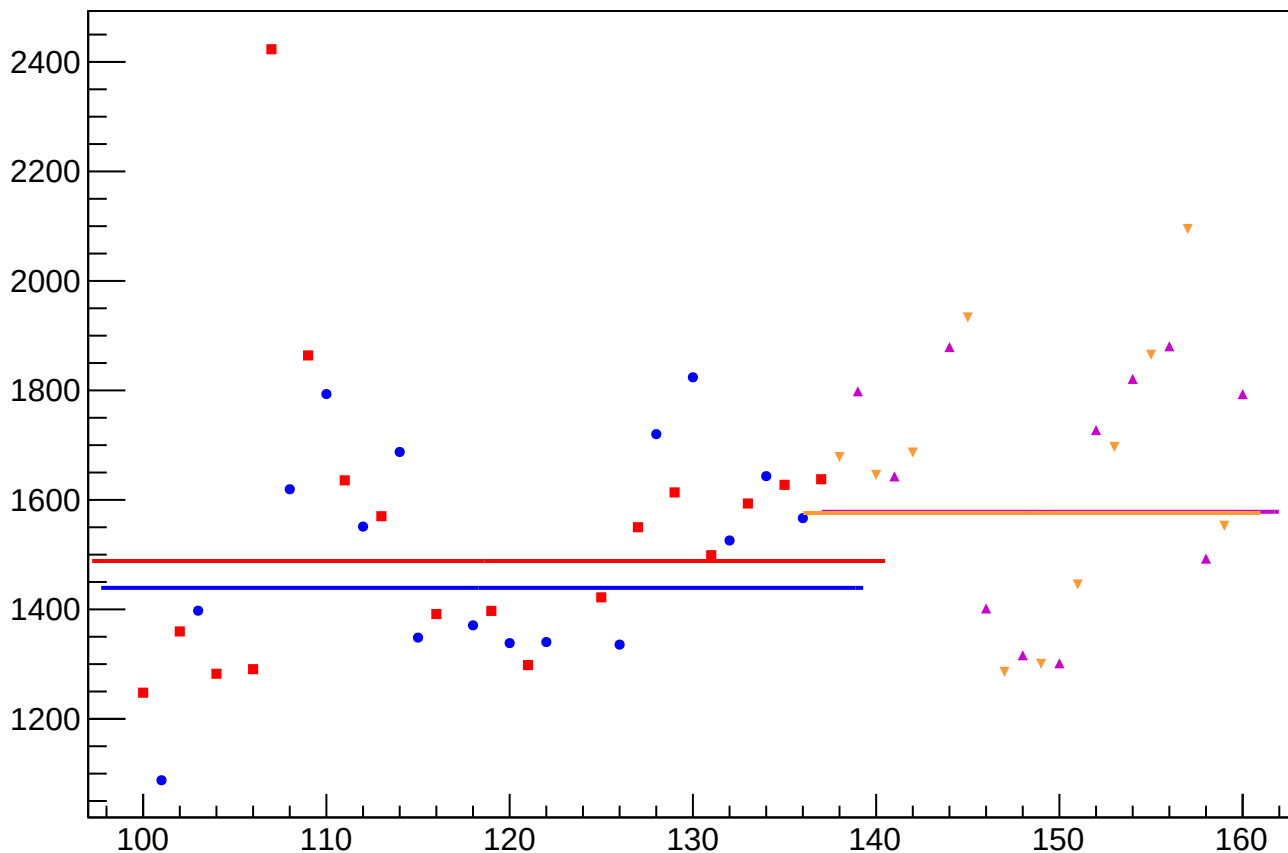
Left Out: -2379.450 $\pm$ 568.967 χ^2 /NDF: 16.2/17

+ sign 2320.593 $\pm$ 395.048 χ^2 /NDF: 29.8/26

All: 184.928 $\pm$ 276.803 χ^2 /NDF: 111.1/55

- 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: 1576.112 ± 0.392 χ^2/NDF : 368688.5/10

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

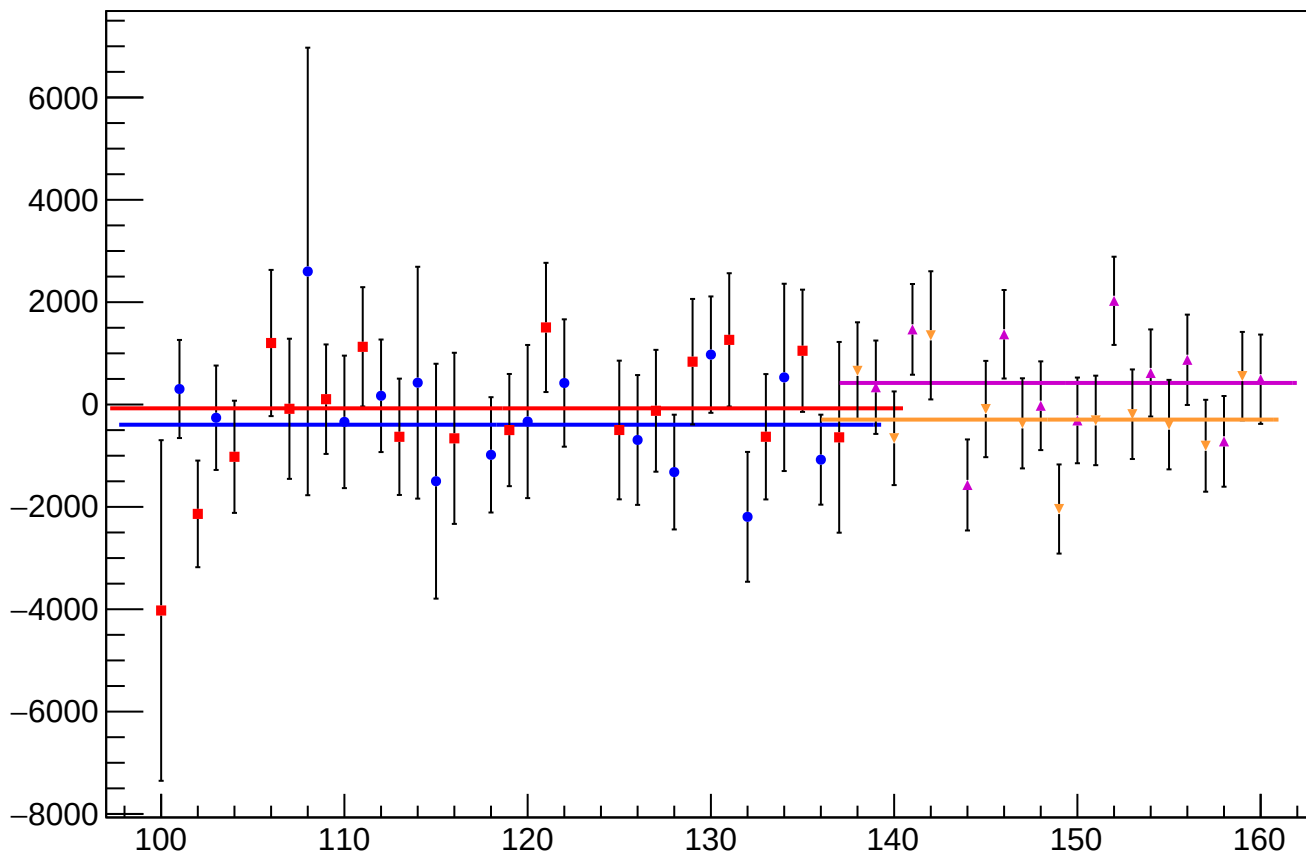
Left In: 1578.353 ± 0.375 χ^2/NDF : 348735.3/10

+ sign 1508.754 ± 0.279 χ^2/NDF : 706475.9/26

All: 1522.888 ± 0.196 χ^2/NDF : 1343322.3/55

- 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: -294.306 ± 275.402 χ^2/NDF : 8.3/10

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

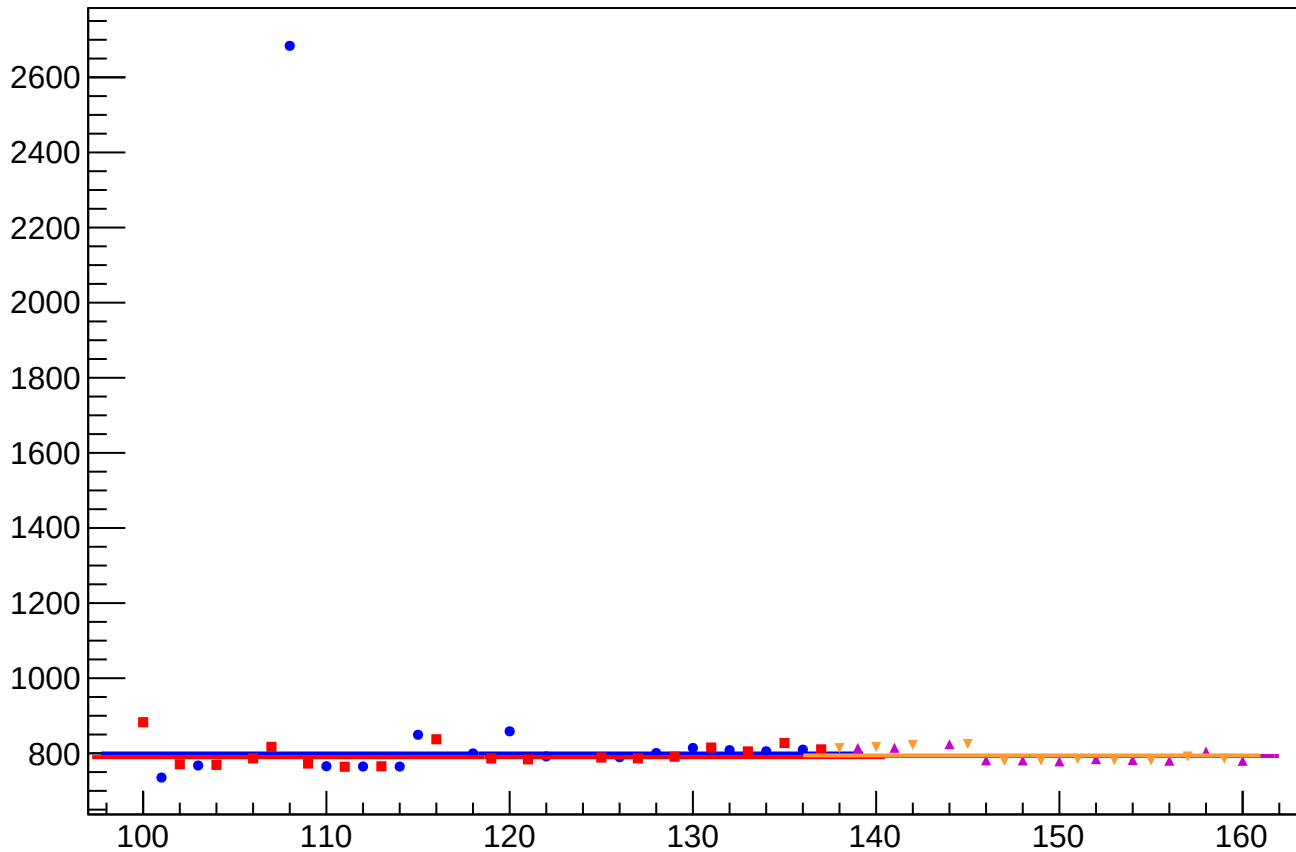
Left In: 421.886 ± 263.252 χ^2/NDF : 14.1/10

+ sign -337.940 ± 206.810 χ^2/NDF : 15.8/26

All: -53.992 ± 142.797 χ^2/NDF : 48.0/55

- 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: 794.312 $\pm$ 0.195 χ^2 /NDF: 7618.8/10

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

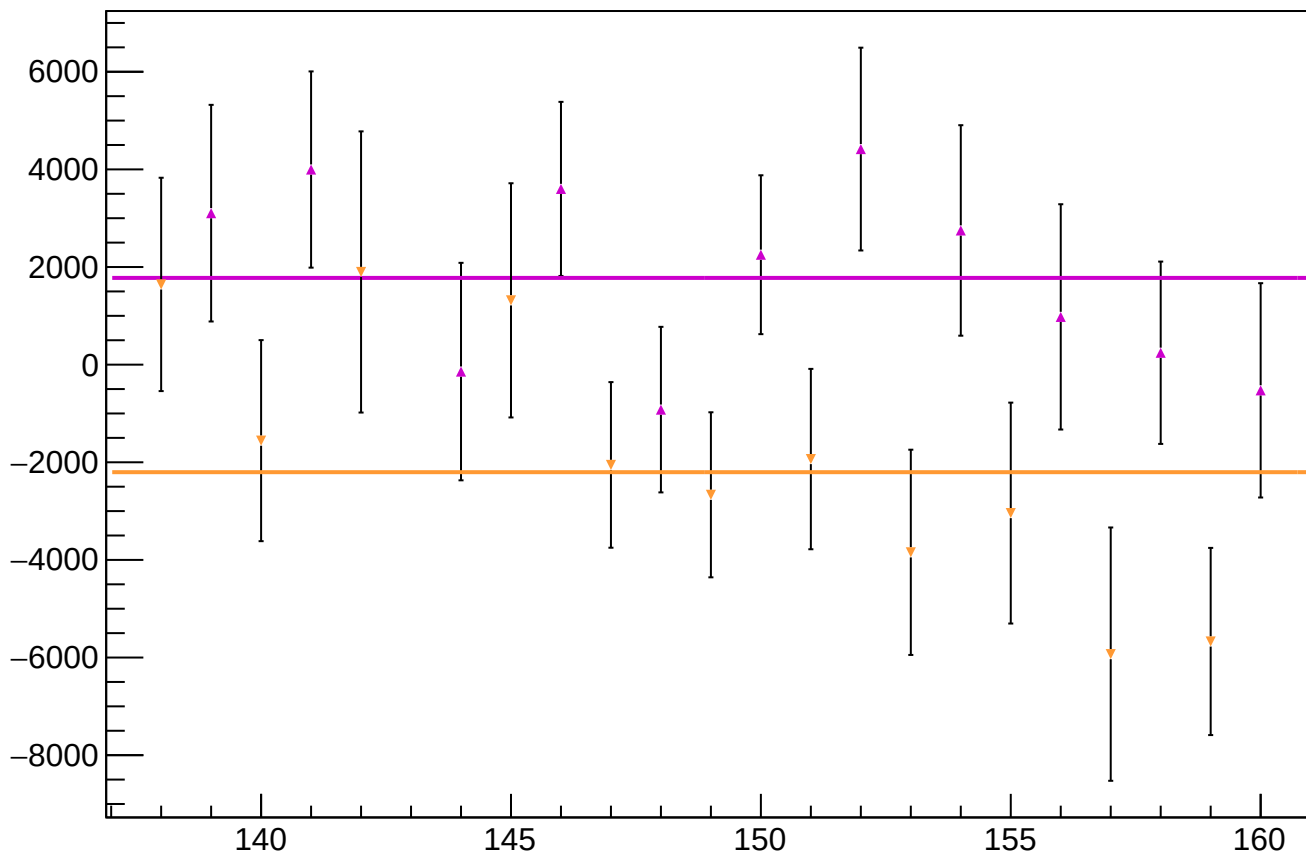
Left In: 792.803 $\pm$ 0.186 χ^2 /NDF: 7789.7/10

+ sign 796.591 $\pm$ 0.146 χ^2 /NDF: 399118.6/26

All: 793.920 $\pm$ 0.101 χ^2 /NDF: 418835.2/55

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

asym_us_dd_correction_mean vs Slug



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

Left Out: -2202.753 $\pm$ 623.529 χ^2 /NDF:13.6/10

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

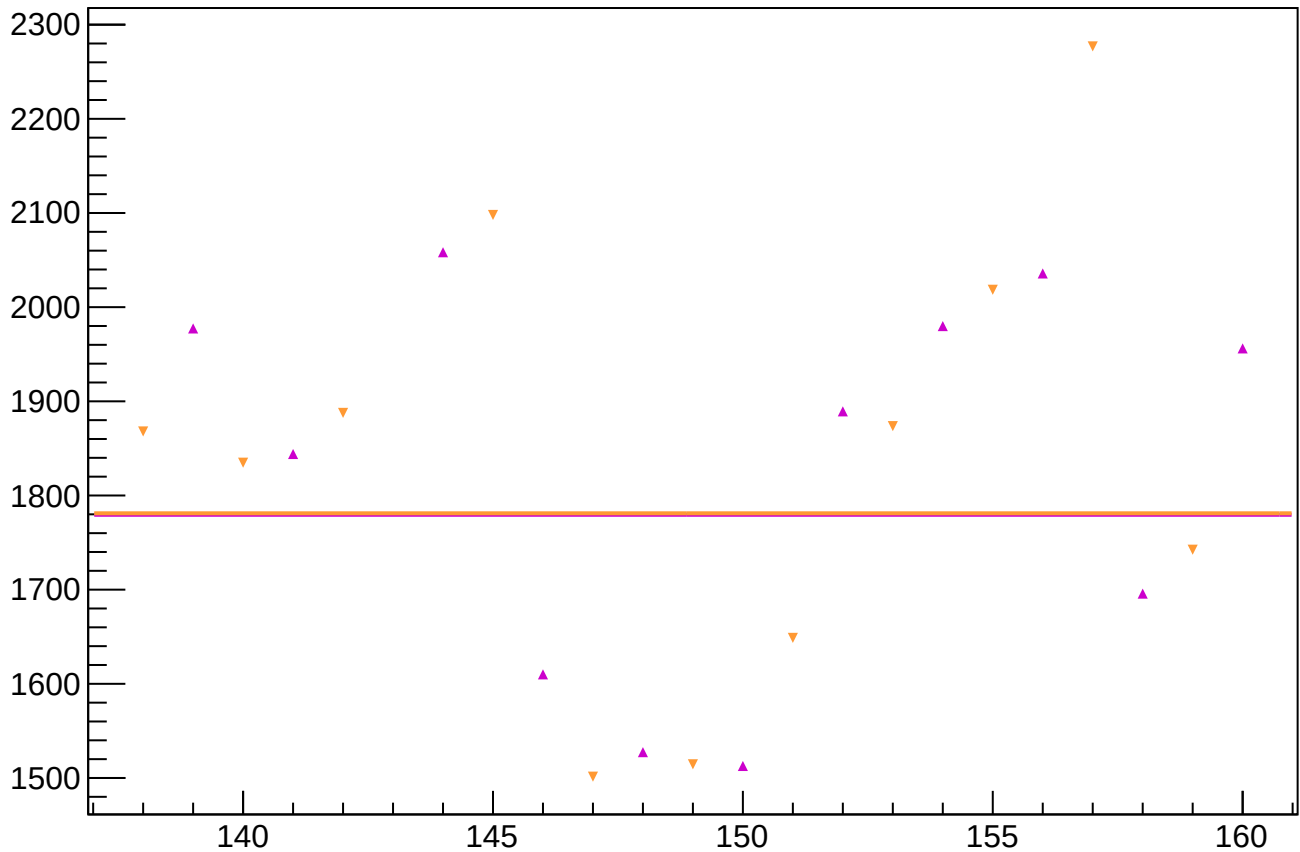
Left In: 1777.028 $\pm$ 595.403 χ^2 /NDF:9.7/10

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

All: -121.079 $\pm$ 430.613 χ^2 /NDF: 44.6/21

- sign 0.000 $\pm$ 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: 1781.081+/-0.441 χ^2/NDF :256236.8/10

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

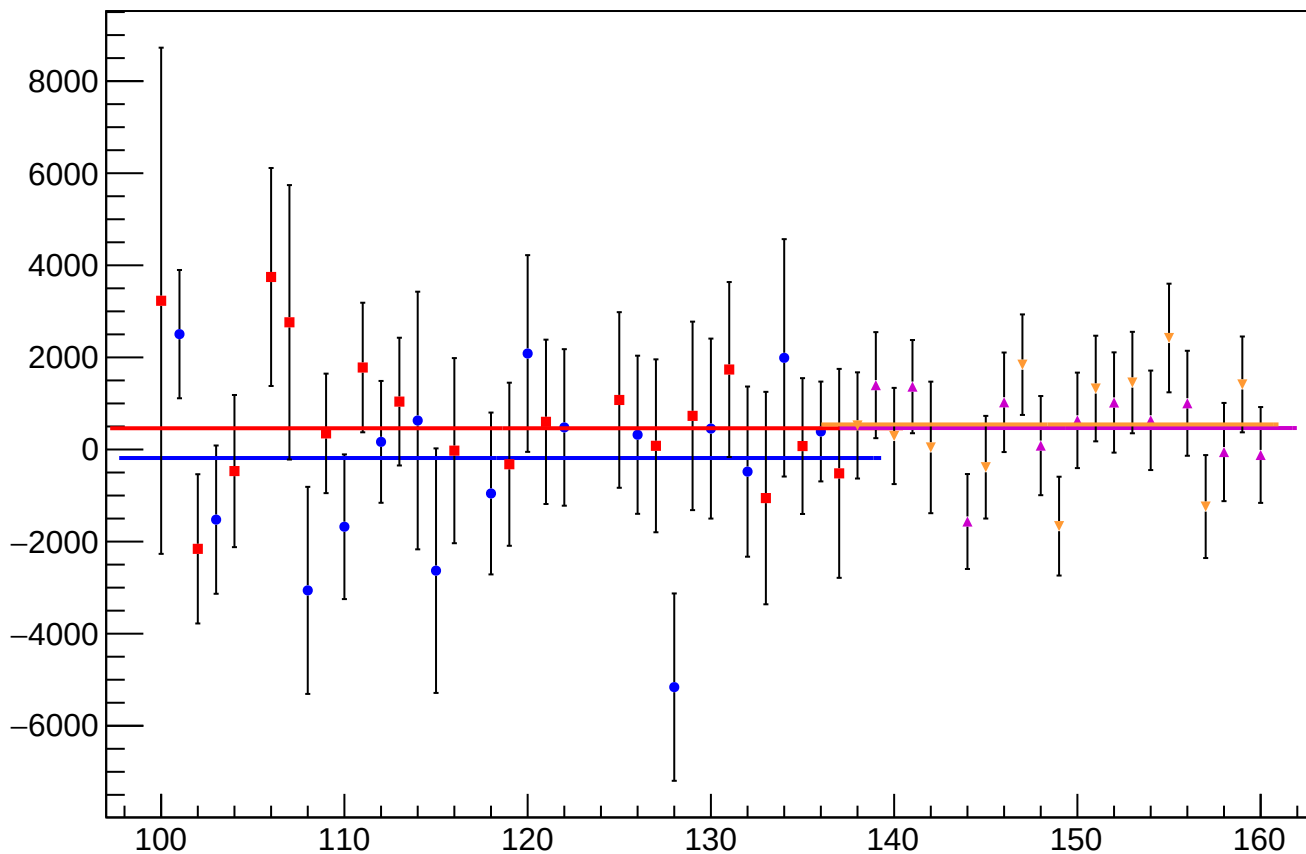
Left In: 1779.525+/-0.421 χ^2/NDF :229810.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1780.267+/-0.304 χ^2/NDF : 486053.3/21

- 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: 544.230 ± 339.104 χ^2/NDF : 13.4/10

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

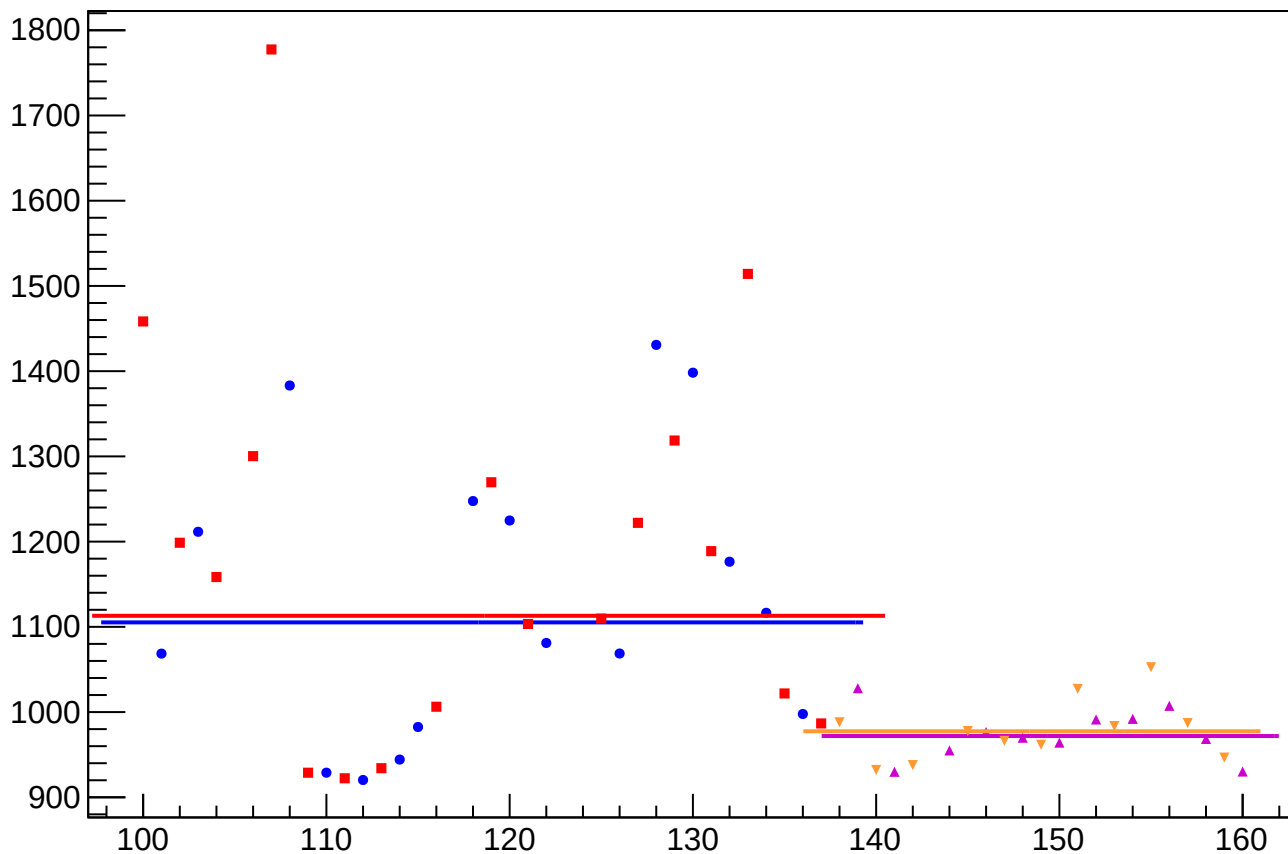
Left In: 466.227 ± 322.872 χ^2/NDF : 6.8/10

+ sign 265.786 ± 266.622 χ^2/NDF : 31.8/26

All: 368.550 ± 185.228 χ^2/NDF : 47.3/55

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

asym_us_dd_rms vs Slug



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

Left Out: 977.471+/-0.240 χ^2/NDF : 19974.4/10

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

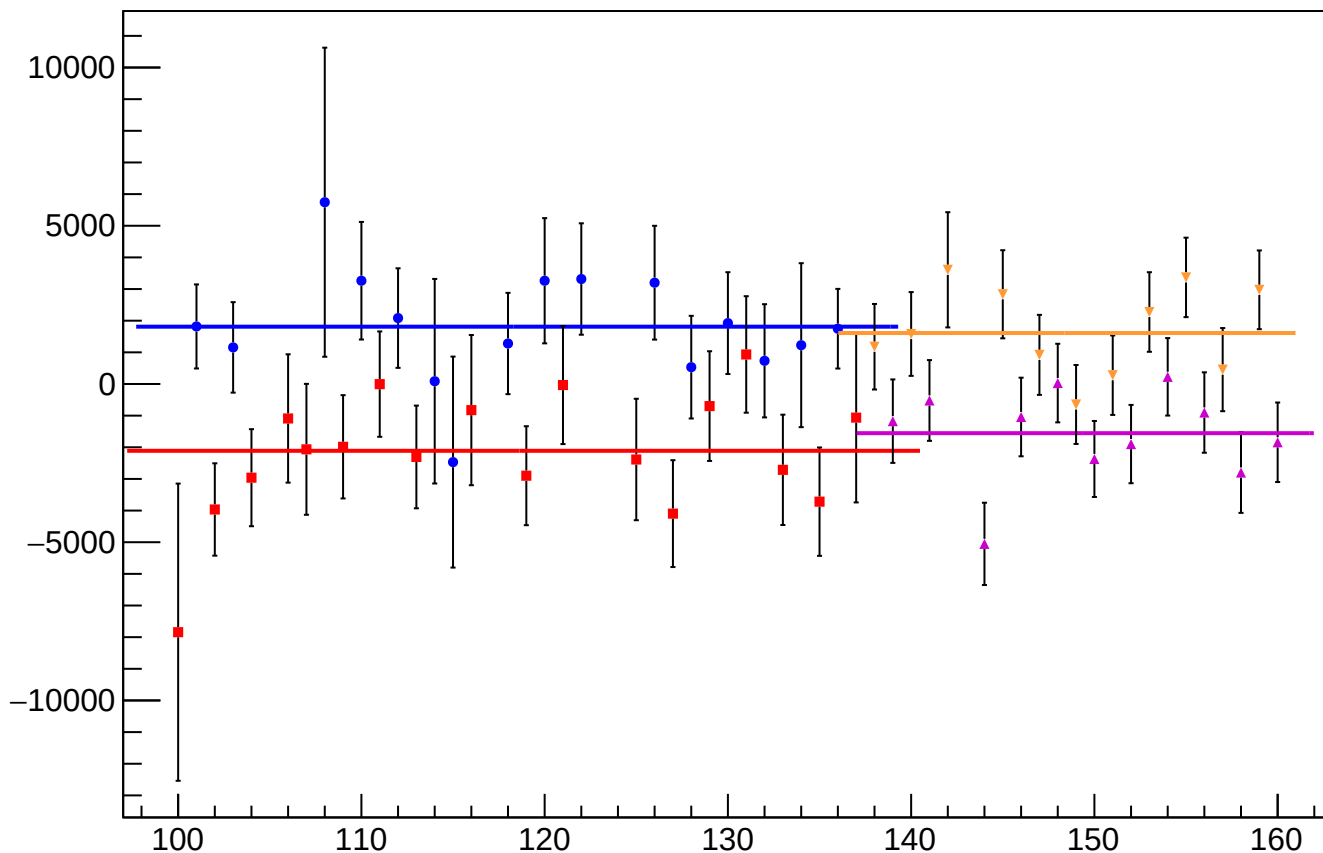
Left In: 971.904+/-0.228 χ^2/NDF : 15370.6/10

+ sign 1026.252+/-0.189 χ^2/NDF : 383739.2/26

All: 1024.690+/-0.131 χ^2/NDF : 901157.5/55

- sign 1023.233+/-0.182 χ^2/NDF : 517285.6/28

dit_asym_usl_mean vs Slug



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

Left Out: 1610.458 $\pm$ 397.454 χ^2 /NDF: 11.0/10

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

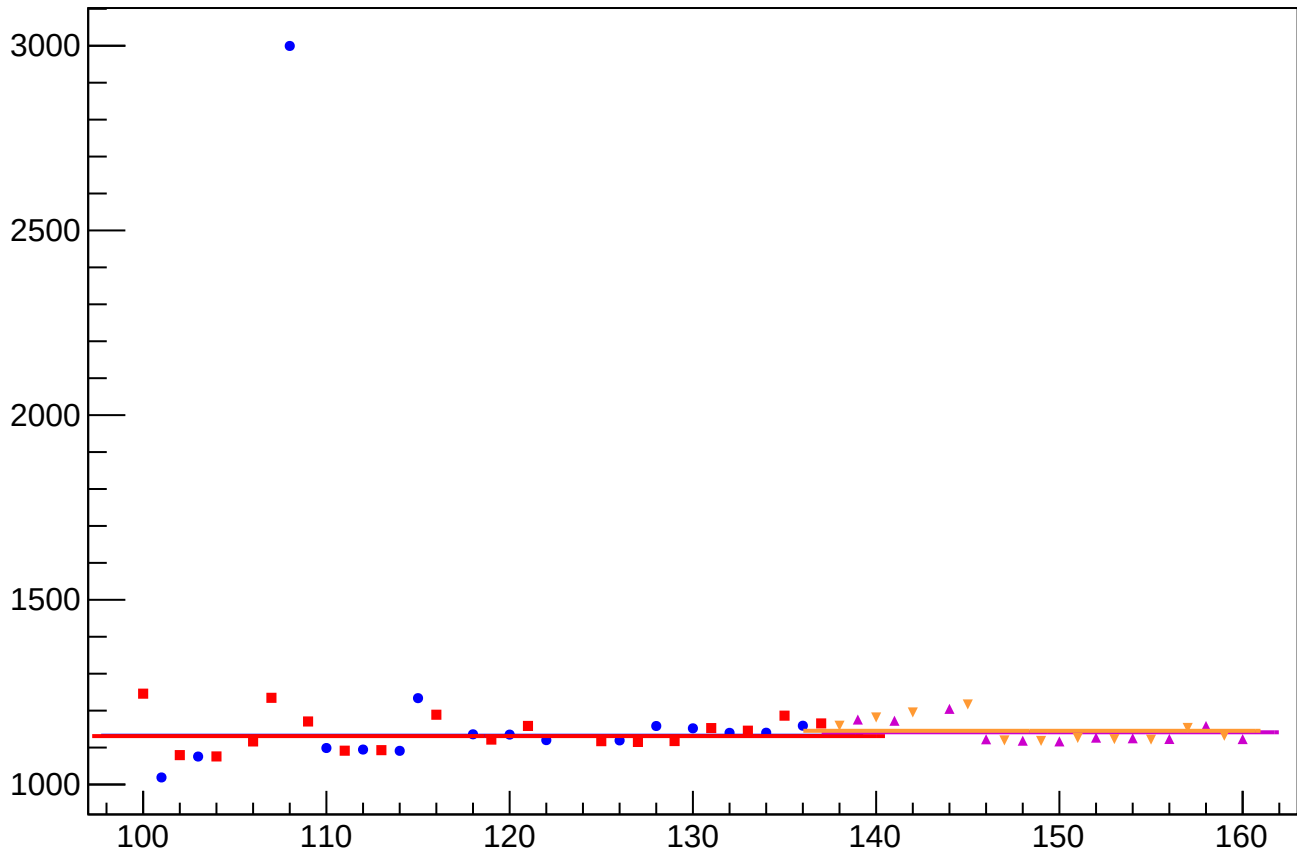
Left In: -1554.305 $\pm$ 379.056 χ^2 /NDF: 13.7/10

+ sign 1700.109 $\pm$ 295.583 χ^2 /NDF: 17.6/26

All: -121.479 $\pm$ 204.668 χ^2 /NDF: 118.2/55

- sign -1799.224 $\pm$ 283.672 χ^2 /NDF: 27.7/28

dit_asym_usl_rms vs Slug



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

Left Out: 1145.382 $\pm$ 0.281 χ^2 /NDF:12395.5/10

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

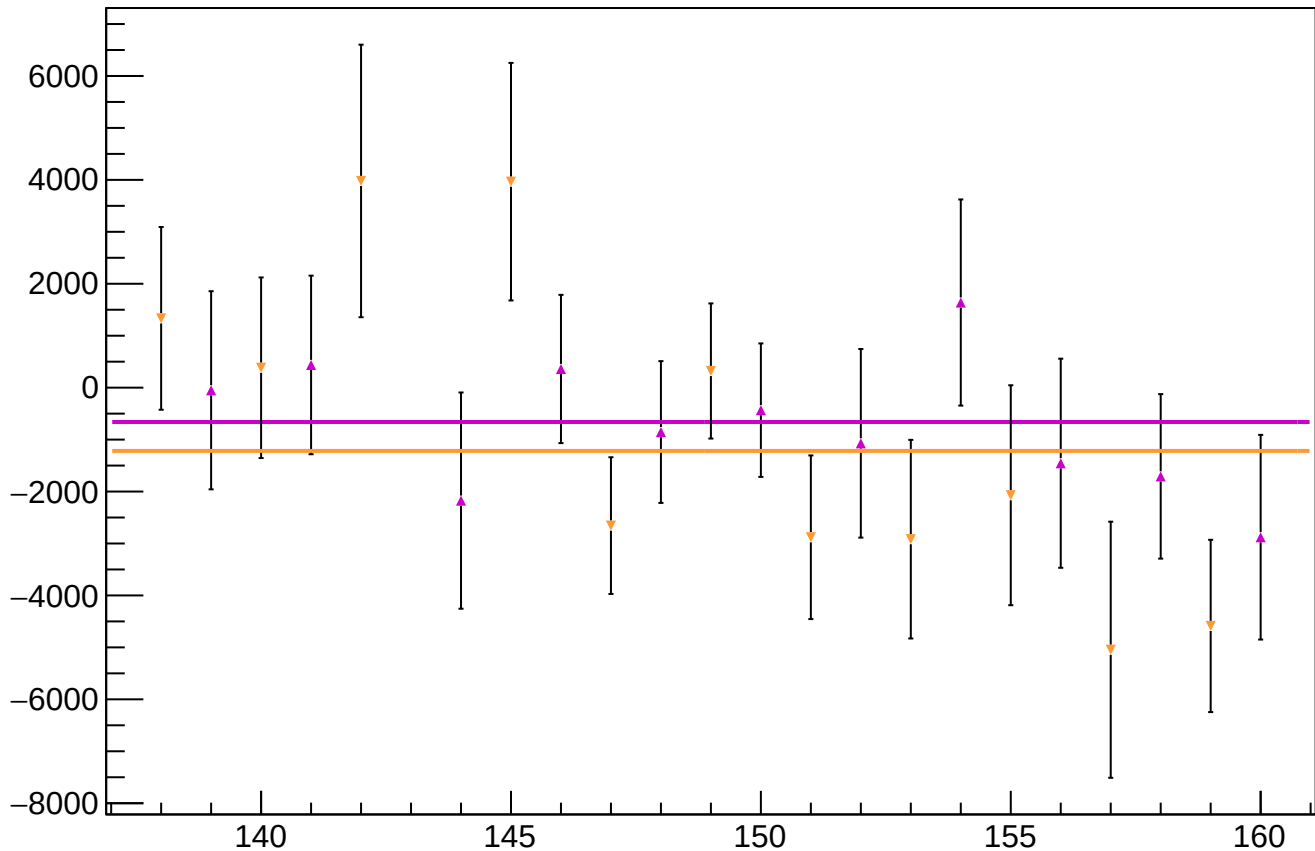
Left In: 1141.345 $\pm$ 0.268 χ^2 /NDF:11131.6/10

+ sign 1139.435 $\pm$ 0.209 χ^2 /NDF: 329423.9/26

All: 1138.064 $\pm$ 0.145 χ^2 /NDF: 361010.6/55

- sign 1136.801 $\pm$ 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: -1217.824+/-527.999 χ^2/NDF :23.2/10

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

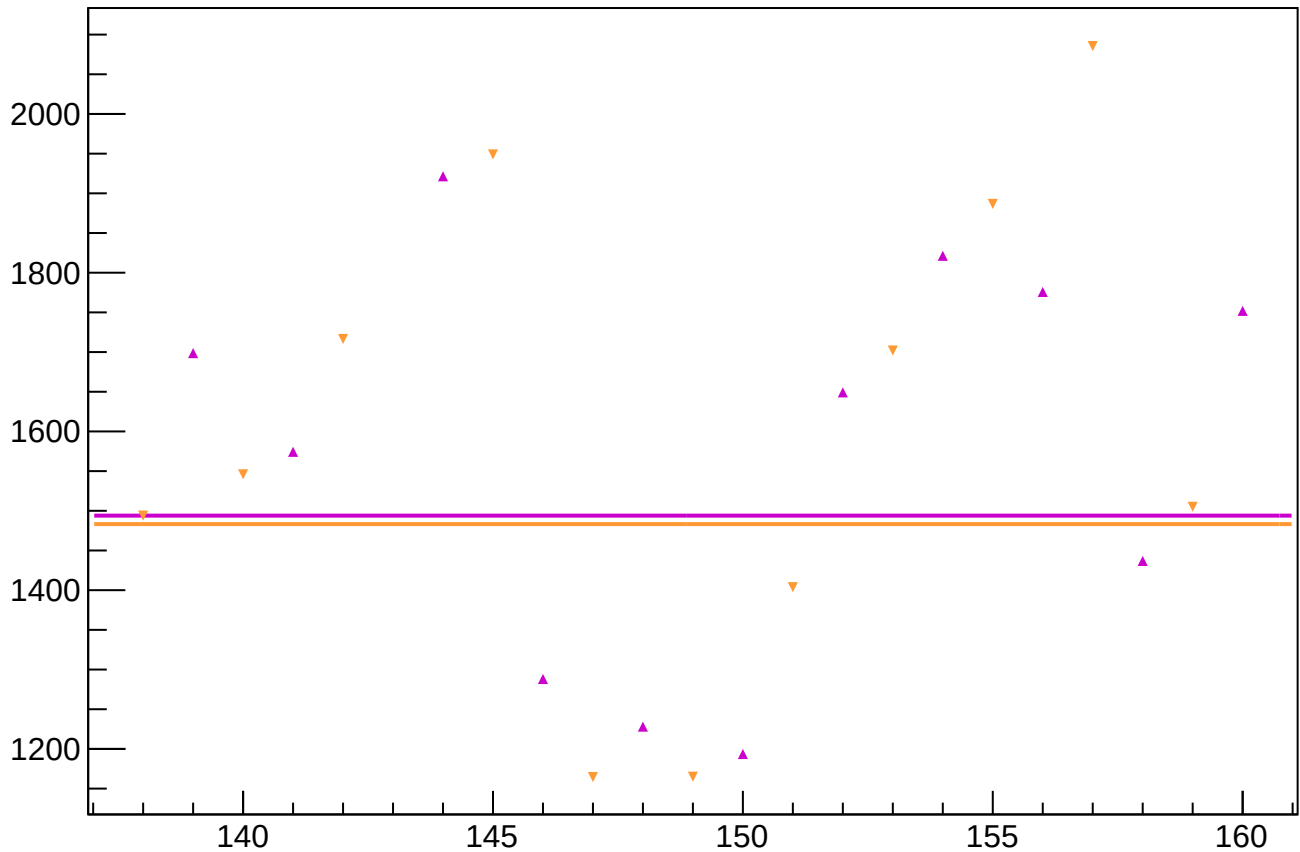
Left In: -660.995+/-503.871 χ^2/NDF :4.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -926.397+/-364.522 χ^2/NDF : 28.7/21

- 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: 1483.251+/-0.373 χ^2/NDF : 562127.3/10

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

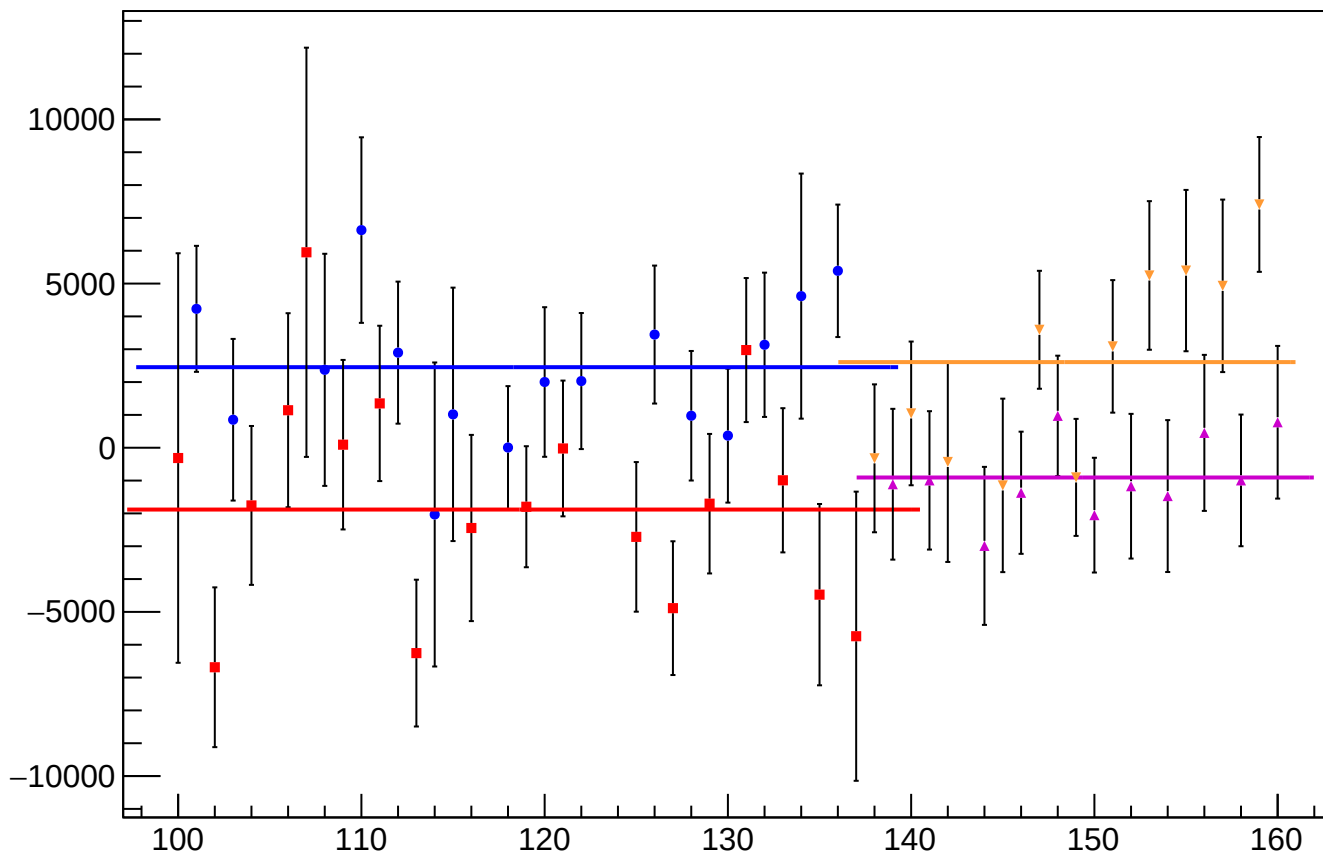
Left In: 1493.926+/-0.356 χ^2/NDF : 483798.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1488.838+/-0.258 χ^2/NDF : 1046353.3/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



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

Left Out: 2608.269 $\pm$ 663.691 χ^2 /NDF:18.4/10

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

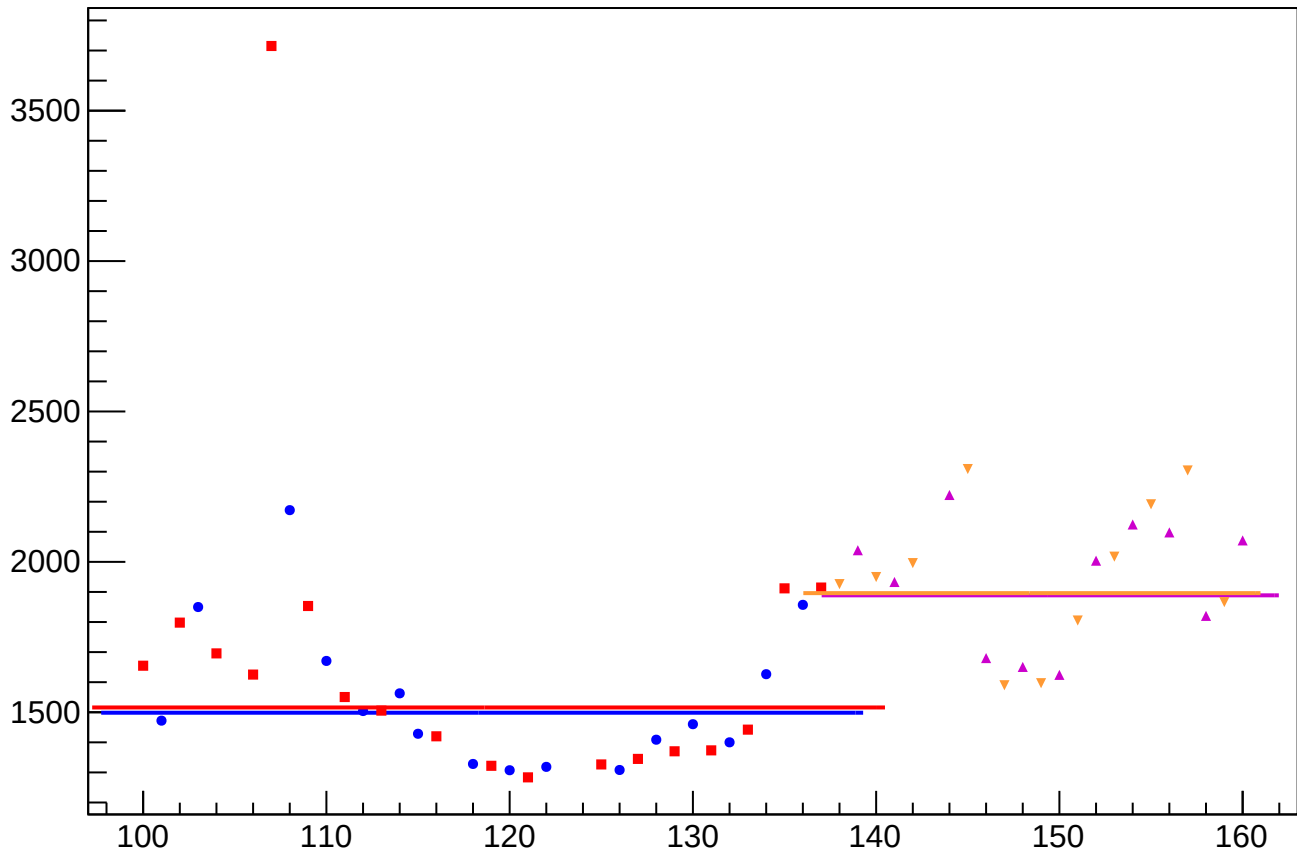
Left In: -906.388 $\pm$ 631.812 χ^2 /NDF:3.2/10

+ sign 2521.175 $\pm$ 438.562 χ^2 /NDF: 29.1/26

All: 498.076 $\pm$ 306.504 χ^2 /NDF: 98.0/55

- sign -1433.583 $\pm$ 428.536 χ^2 /NDF: 27.3/28

asym_usl_rms vs Slug



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

Left Out: 1896.074+/-0.469 χ^2/NDF : 254403.0/10

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

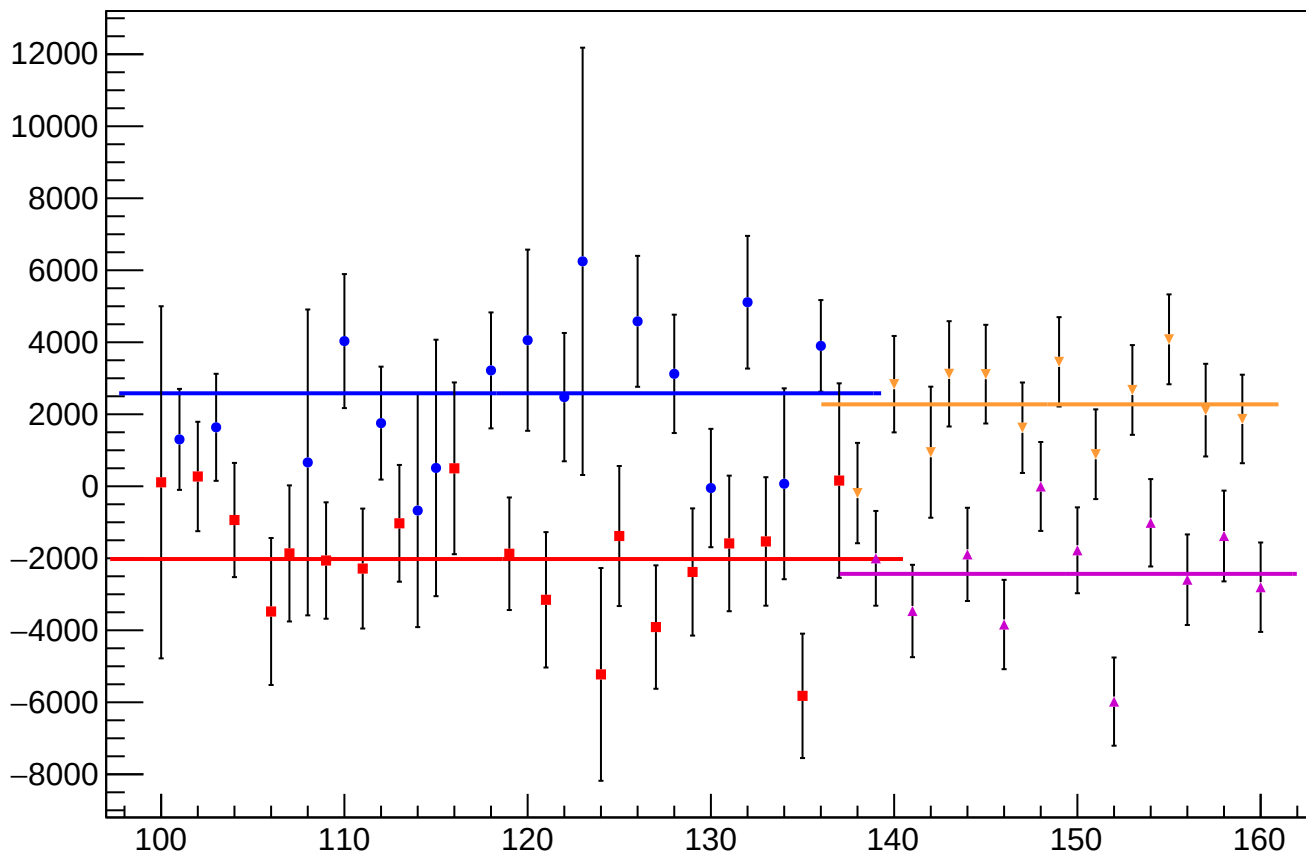
Left In: 1888.748+/-0.447 χ^2/NDF : 208852.1/10

+ sign 1672.091+/-0.310 χ^2/NDF : 917552.0/26

All: 1679.950+/-0.217 χ^2/NDF : 1984179.5/55

- sign 1687.453+/-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: 2275.708 $\pm$ 382.029 χ^2 /NDF:9.3/11

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

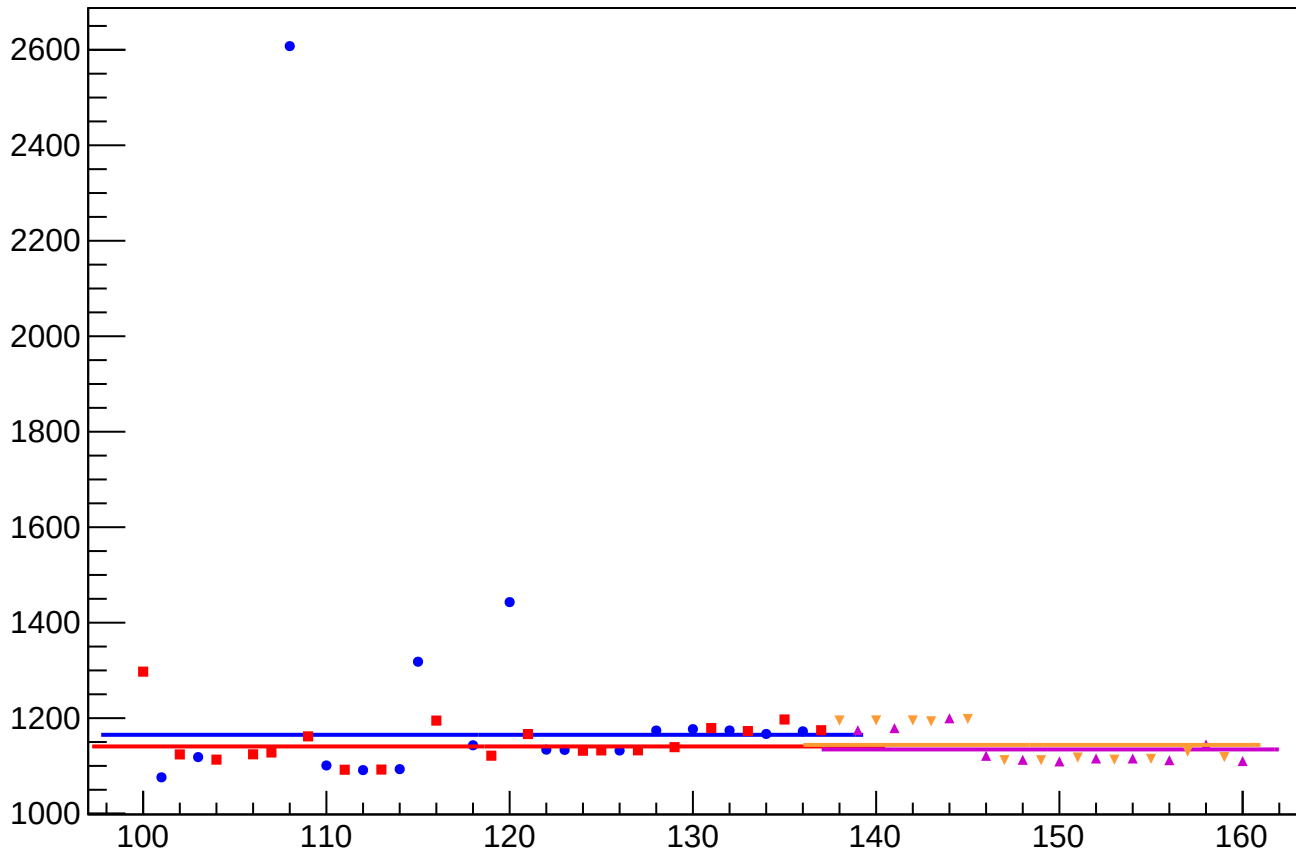
Left In: -2432.644 $\pm$ 376.776 χ^2 /NDF:16.9/10

+ sign 2403.355 $\pm$ 292.094 χ^2 /NDF: 21.8/28

All: -2.577 $\pm$ 203.045 χ^2 /NDF: 184.1/58

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

dit_asym_usr_rms vs Slug



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

Left Out: 1143.988 $\pm$ 0.270 χ^2 /NDF: 19608.6/11

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

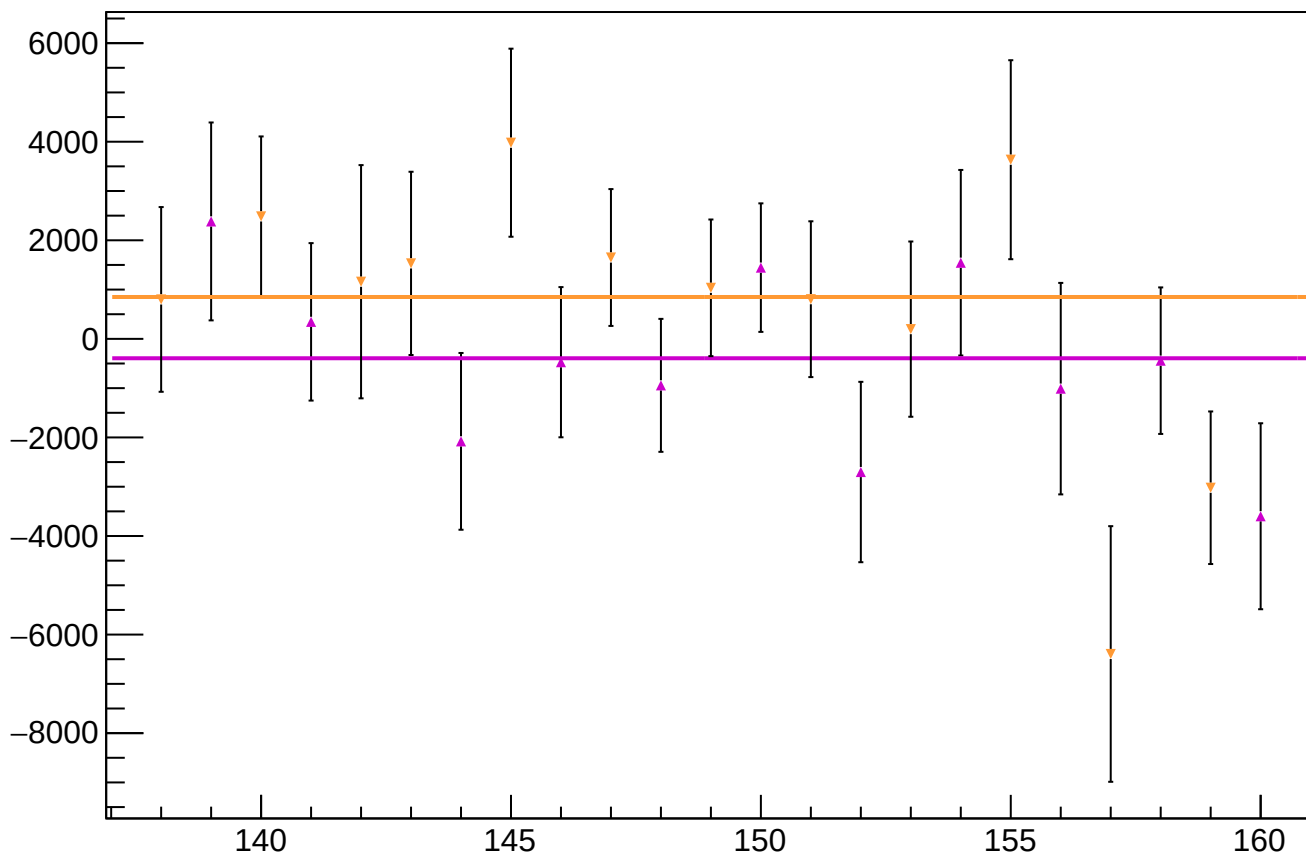
Left In: 1134.486 $\pm$ 0.266 χ^2 /NDF: 13601.4/10

+ sign 1152.777 $\pm$ 0.207 χ^2 /NDF: 300727.2/28

All: 1144.743 $\pm$ 0.144 χ^2 /NDF: 330216.4/58

- sign 1137.231 $\pm$ 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: 849.418+/-501.584 χ^2/NDF : 20.3/11

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

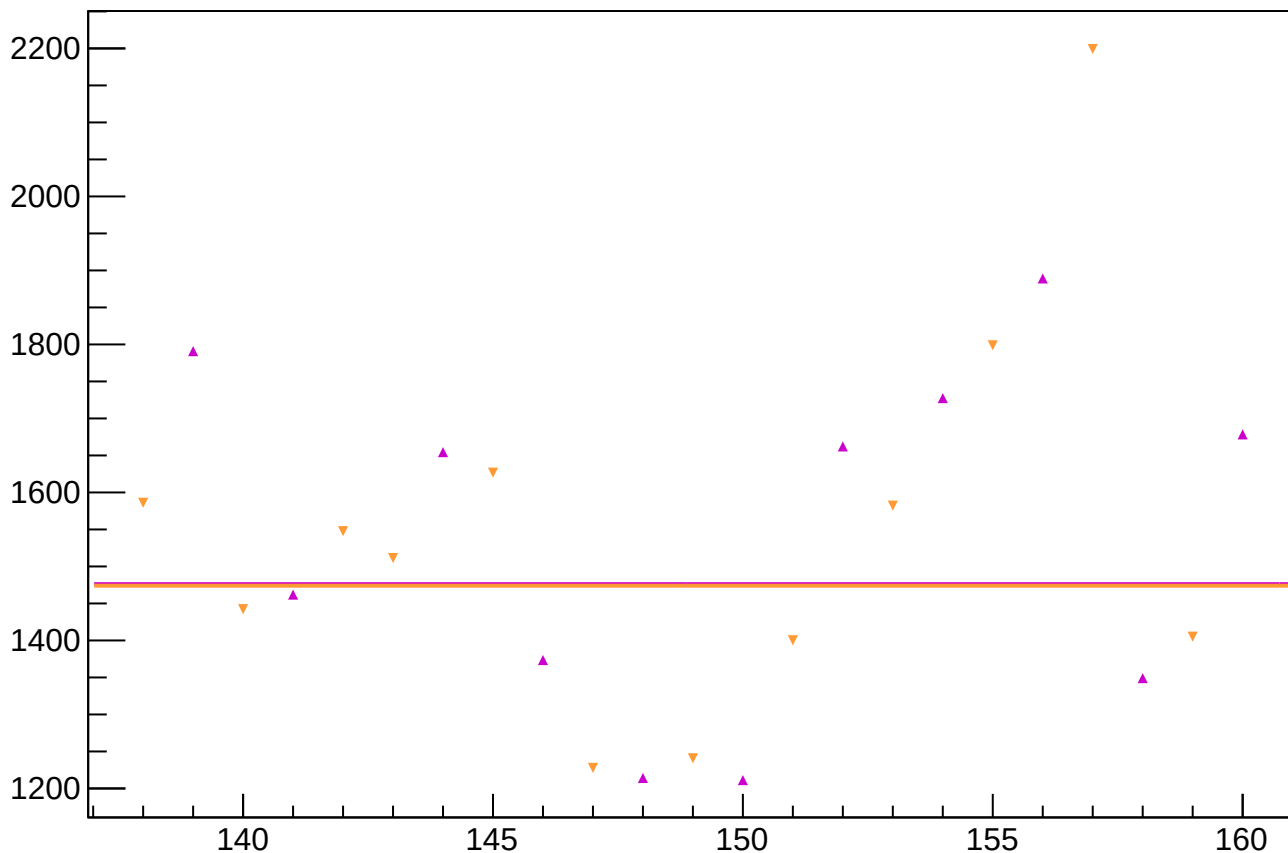
Left In: -393.497+/-496.836 χ^2/NDF : 10.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.050+/-352.983 χ^2/NDF : 34.2/22

- 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: 1474.030+/-0.355 χ^2/NDF : 366889.8/11

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

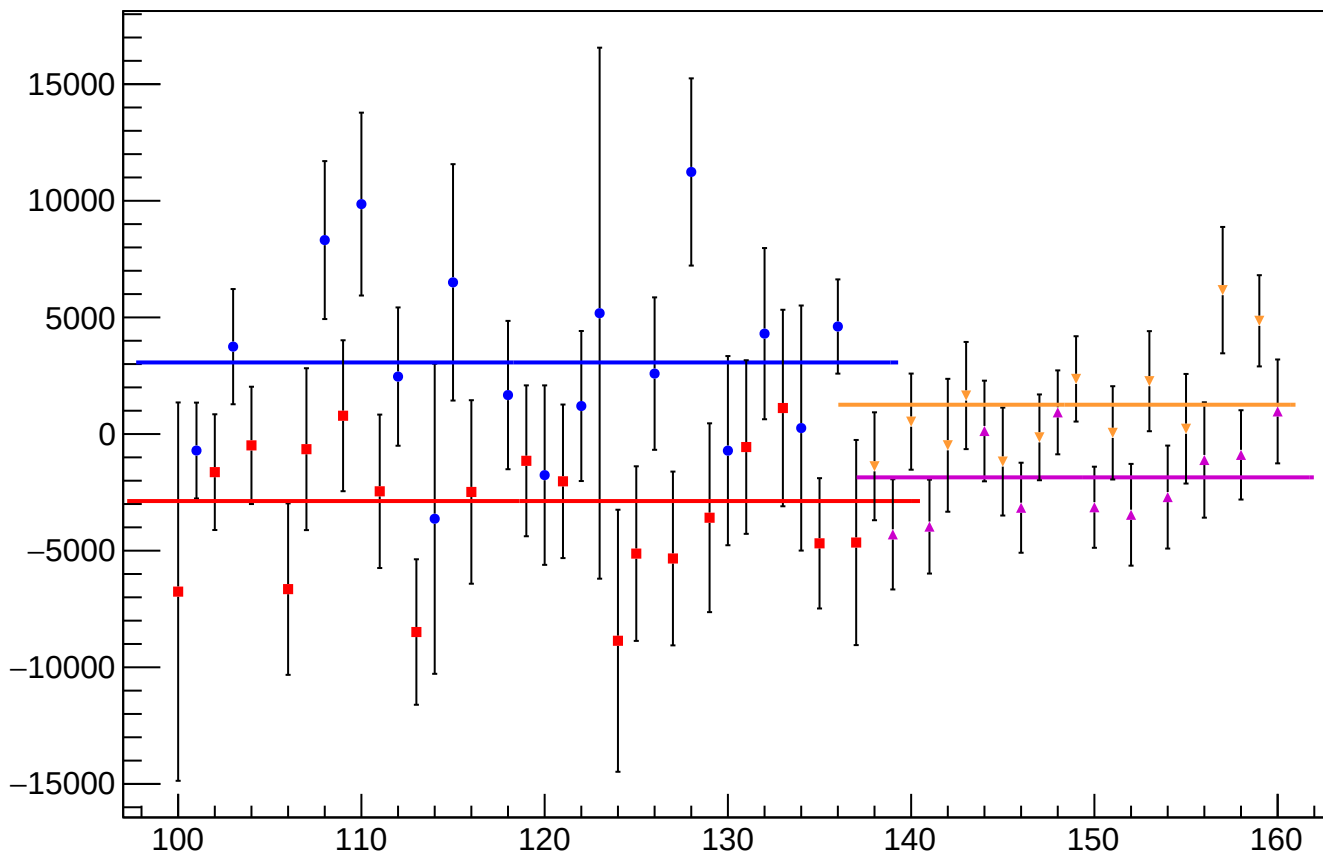
Left In: 1476.046+/-0.351 χ^2/NDF : 404197.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1475.048+/-0.250 χ^2/NDF : 771103.2/22

- 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: 1257.056 $\pm$ 624.655 χ^2 /NDF: 11.3/11

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

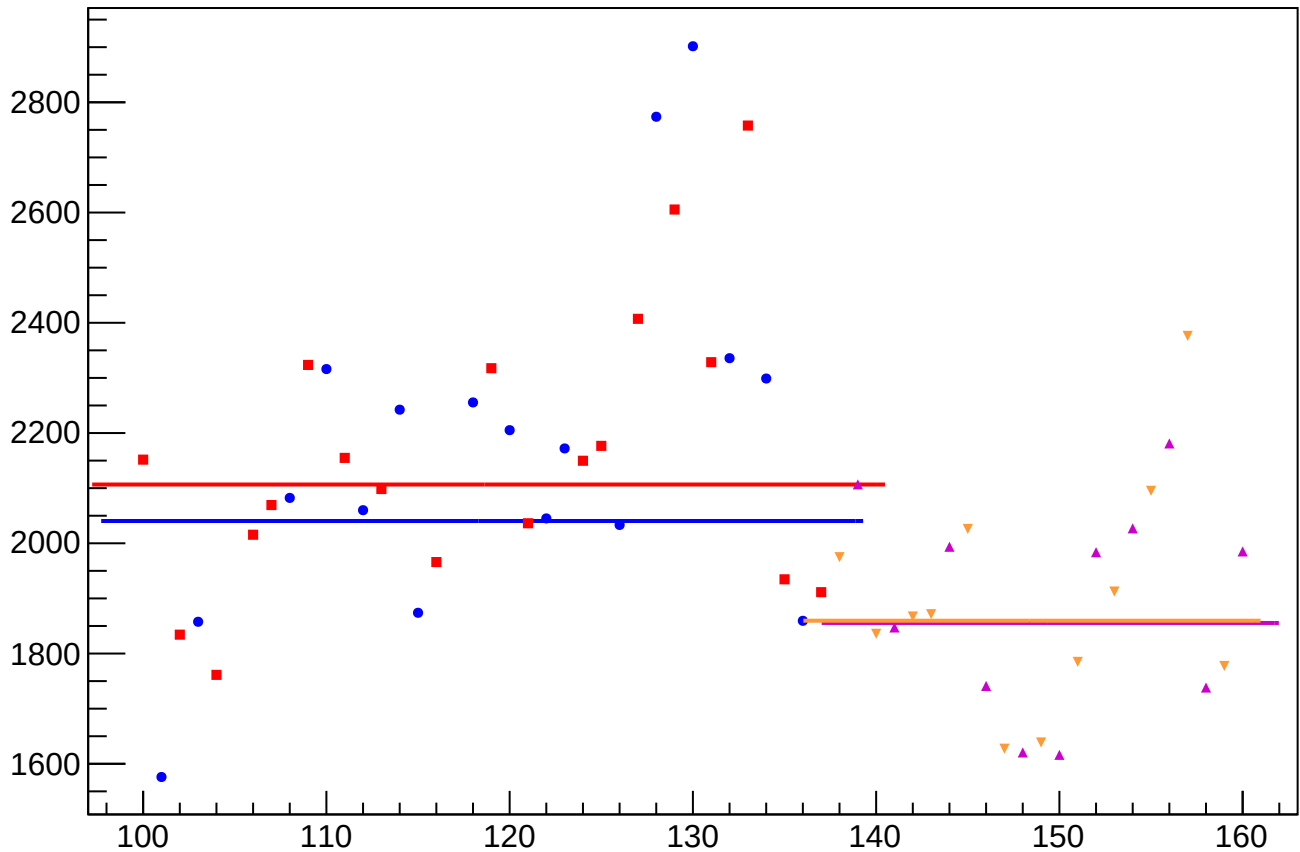
Left In: -1856.771 $\pm$ 619.914 χ^2 /NDF: 9.1/10

+ sign 1945.941 $\pm$ 491.818 χ^2 /NDF: 33.1/28

All: -159.649 $\pm$ 346.746 χ^2 /NDF: 91.2/58

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

asym_usr_rms vs Slug



Right In: 2040.433 $\pm$ 0.564 χ^2 /NDF: 331339.9/16

Left Out: 1859.575 $\pm$ 0.442 χ^2 /NDF:177102.2/11

Right Out: 2106.624 $\pm$ 0.562 χ^2 /NDF: 195414.9/18

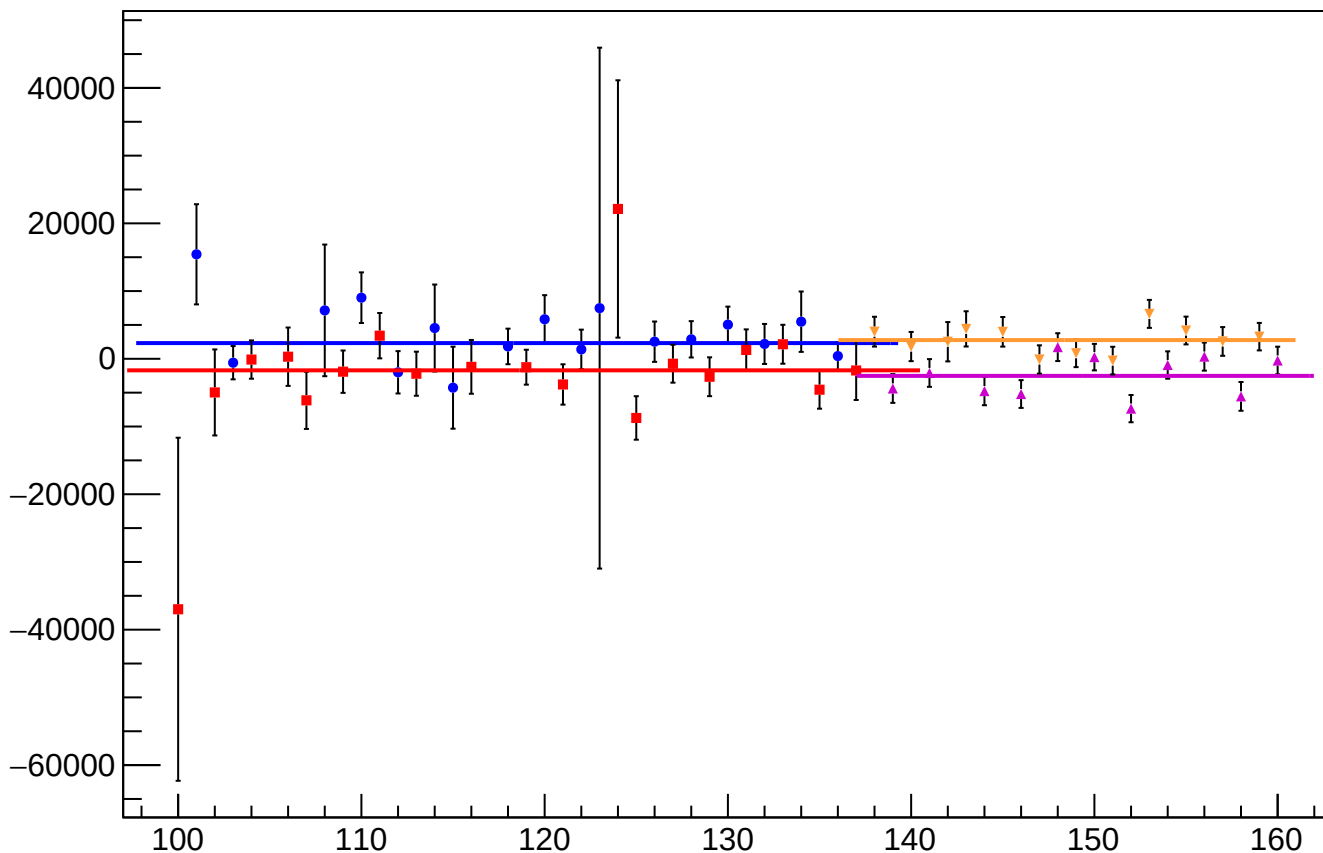
Left In: 1855.489 $\pm$ 0.438 χ^2 /NDF:177826.0/10

+ sign 1928.318 $\pm$ 0.348 χ^2 /NDF: 572167.3/28

All: 1939.422 $\pm$ 0.245 χ^2 /NDF: 1071478.6/58

- sign 1950.397 $\pm$ 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: 2763.138 $\pm$ 627.374 χ^2 /NDF:10.3/11

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

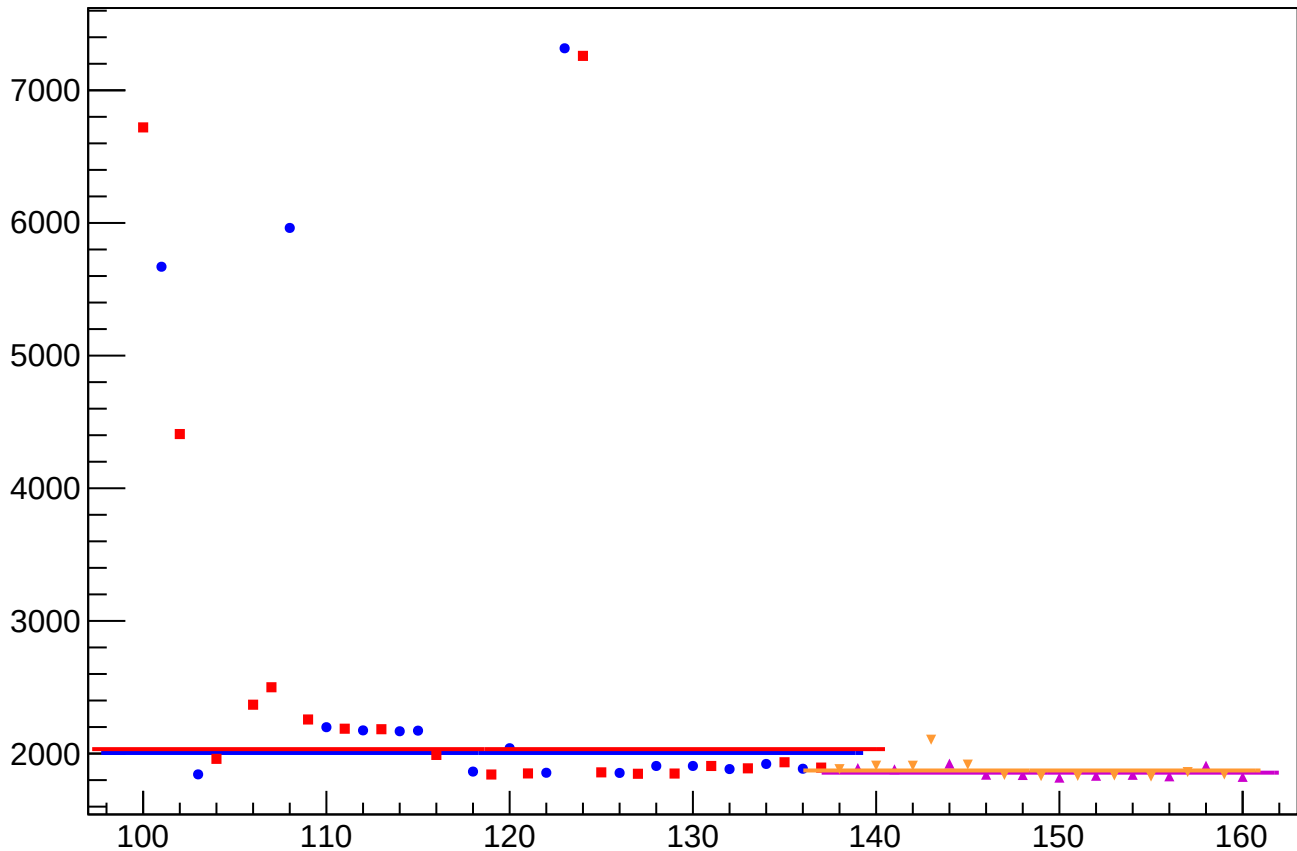
Left In: -2522.800 $\pm$ 618.681 χ^2 /NDF:21.5/10

+ sign 2594.399 $\pm$ 494.012 χ^2 /NDF: 25.3/28

All: 150.664 $\pm$ 346.234 χ^2 /NDF: 112.7/58

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

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1872.548 $\pm$ 0.444 χ^2 /NDF: 21996.4/11

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

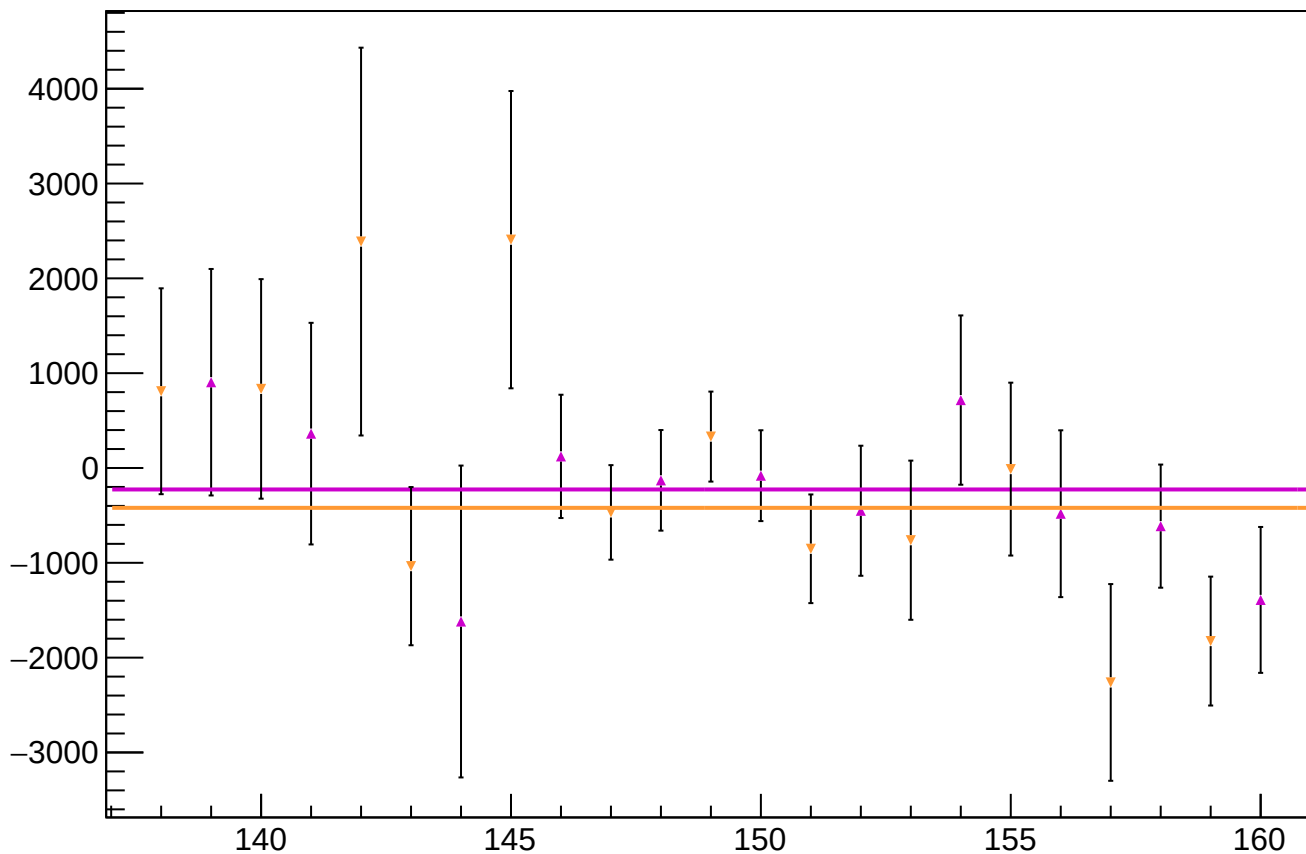
Left In: 1856.073 $\pm$ 0.437 χ^2 /NDF: 6390.1/10

+ sign 1922.703 $\pm$ 0.349 χ^2 /NDF: 971651.1/28

All: 1923.506 $\pm$ 0.245 χ^2 /NDF: 1652292.3/58

- sign 1924.282 $\pm$ 0.343 χ^2 /NDF: 680630.8/29

asym_at1_avg_correction_mean vs Slug



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

Left Out: -420.297+/-218.720 χ^2/NDF : 19.0/11

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

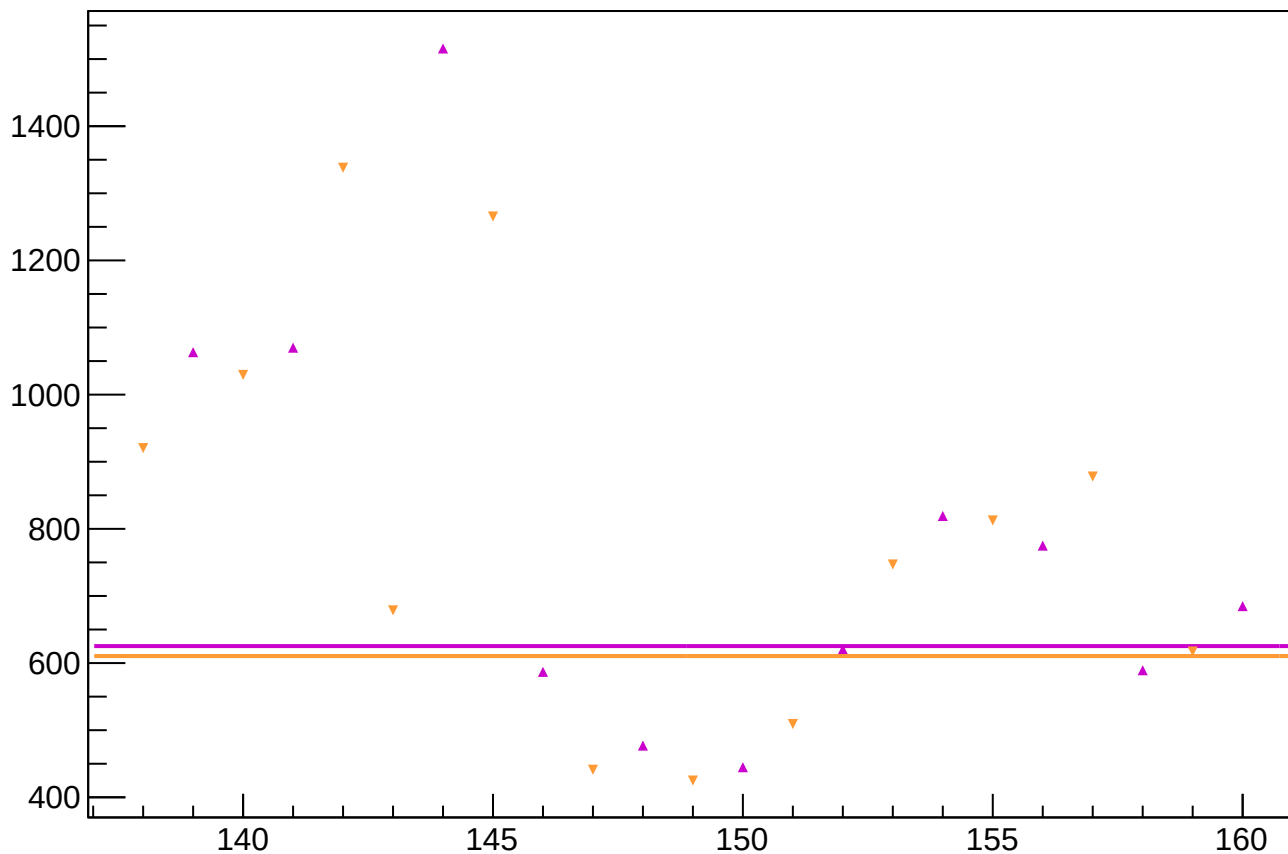
Left In: -226.458+/-219.189 χ^2/NDF : 6.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.585+/-154.824 χ^2/NDF : 25.6/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_correction_rms vs Slug



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

Left Out: 610.454+/-0.155 χ^2/NDF :1923880.1/11

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

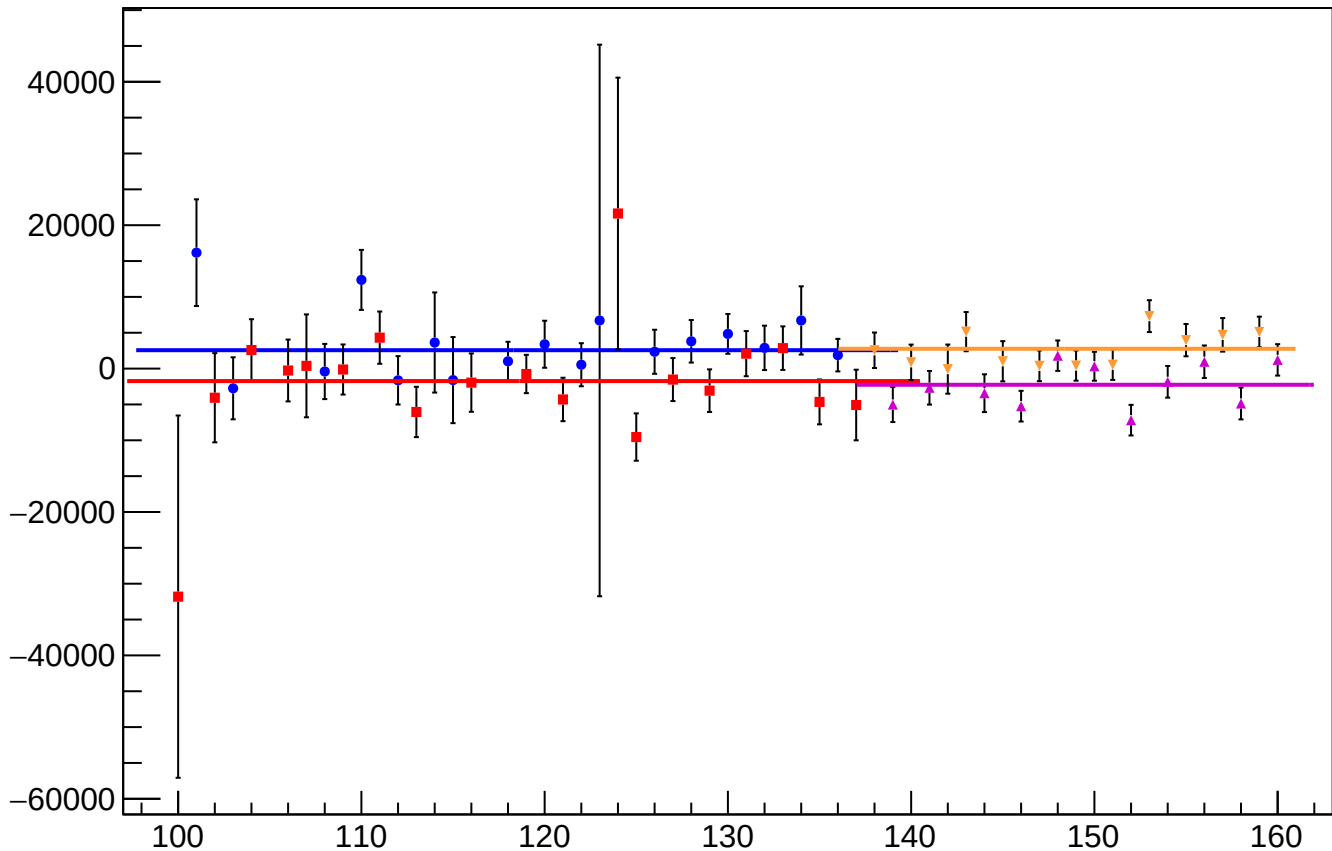
Left In: 625.311+/-0.155 χ^2/NDF :1762604.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.867+/-0.109 χ^2/NDF : 3691088.8/22

- 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: 2764.420 $\pm$ 683.471 χ^2 /NDF:12.4/11

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

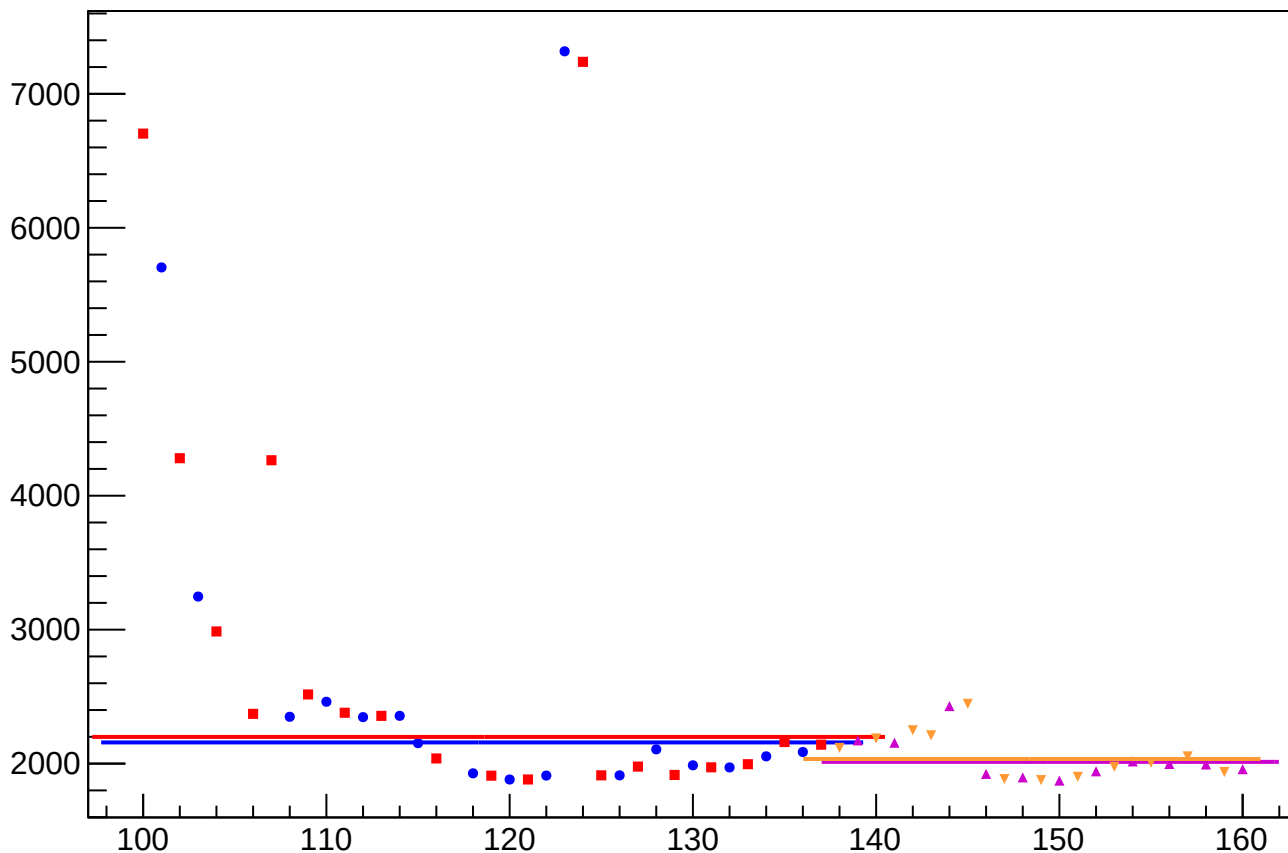
Left In: -2256.349 $\pm$ 672.595 χ^2 /NDF:20.0/10

+ sign 2687.491 $\pm$ 534.127 χ^2 /NDF: 28.0/28

All: 288.493 $\pm$ 375.572 χ^2 /NDF: 108.6/58

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

asym_at1_avg_rms vs Slug



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

Left Out: 2034.491+/-0.483 χ^2/NDF : 103990.4/11

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

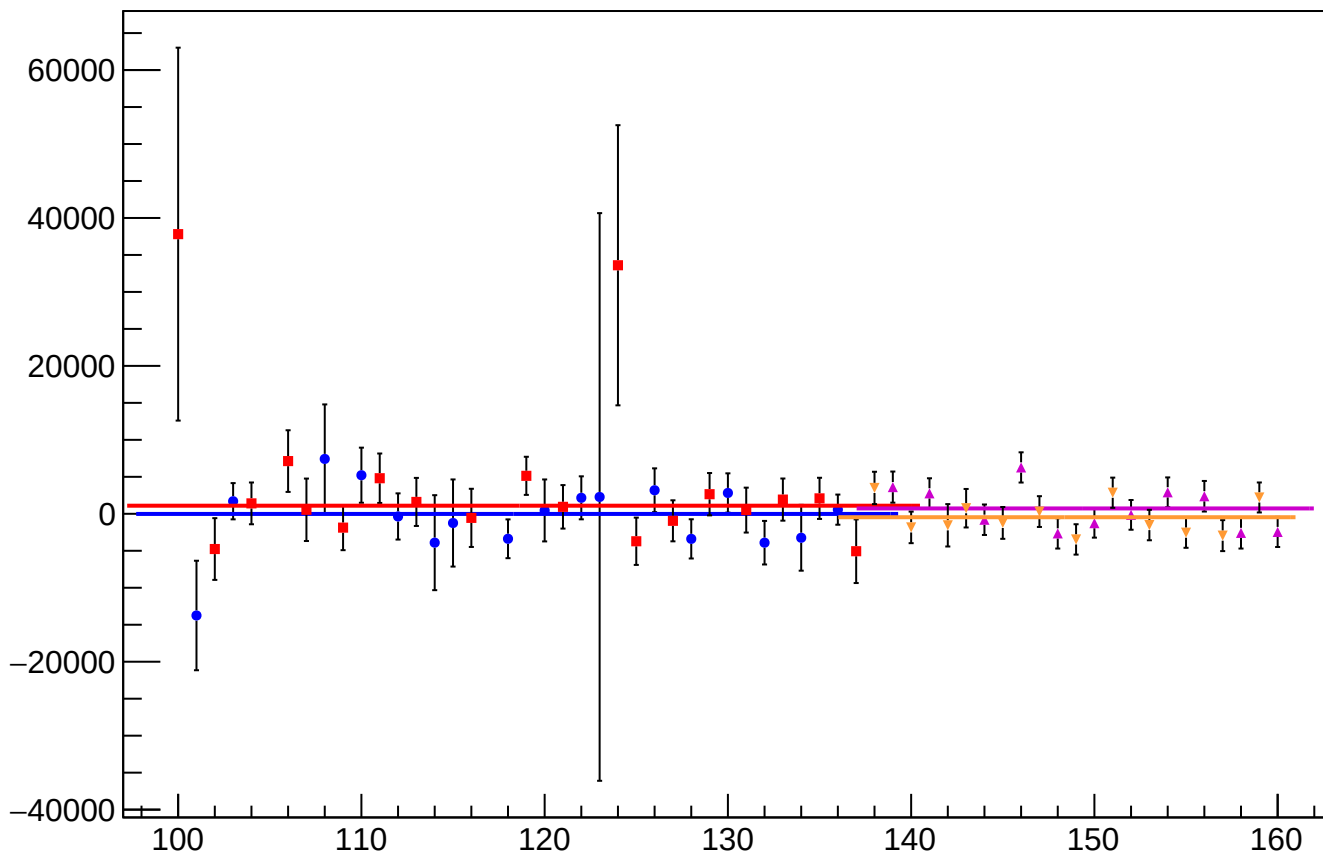
Left In: 2013.017+/-0.476 χ^2/NDF : 88676.6/10

+ sign 2082.627+/-0.378 χ^2/NDF : 843337.2/28

All: 2083.540+/-0.266 χ^2/NDF : 1793875.3/58

- sign 2084.432+/-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: -463.078 ± 623.981 χ^2/NDF : 13.5/11

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

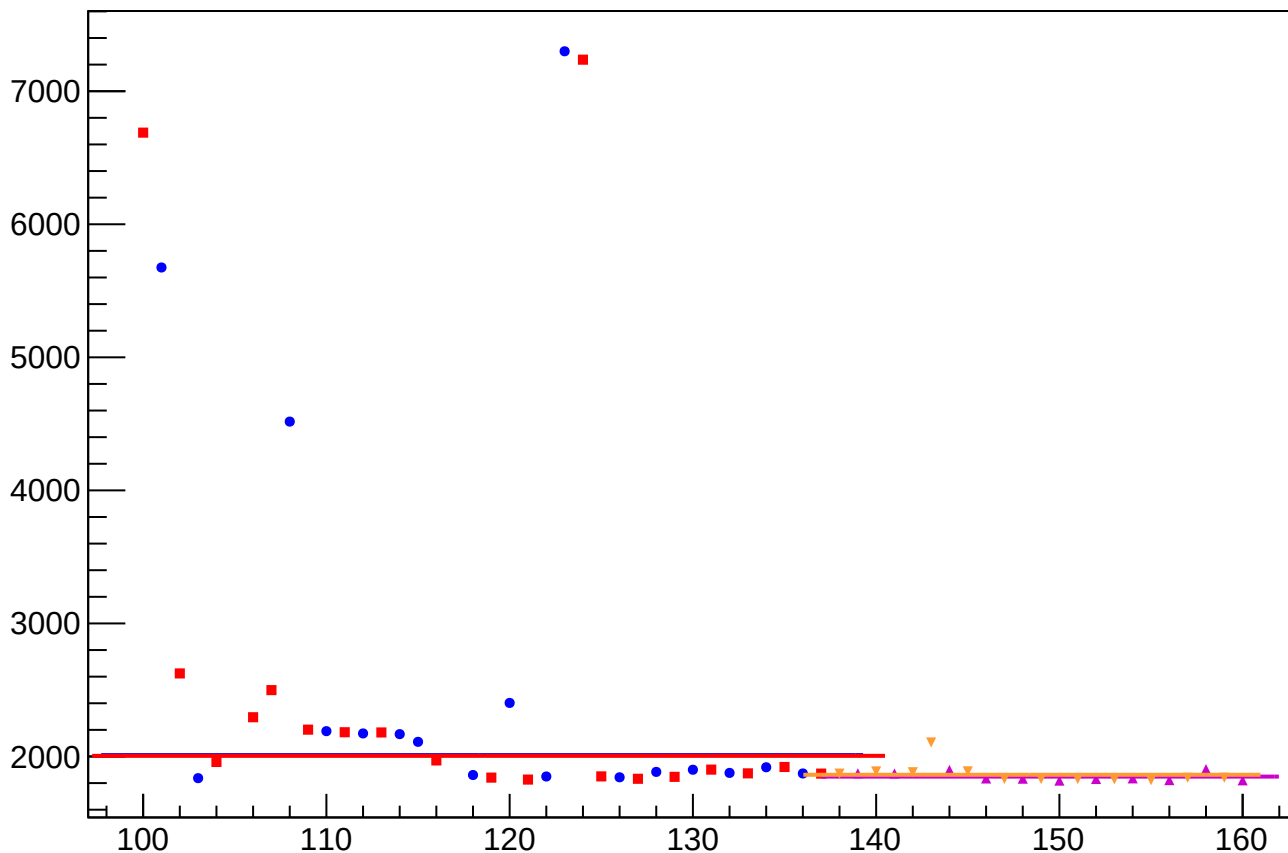
Left In: 724.872 ± 616.226 χ^2/NDF : 21.4/10

+ sign -295.198 ± 492.343 χ^2/NDF : 29.6/28

All: 300.711 ± 344.079 χ^2/NDF : 73.4/58

- 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: 1862.545 $\pm$ 0.441 χ^2 /NDF:21326.8/11

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

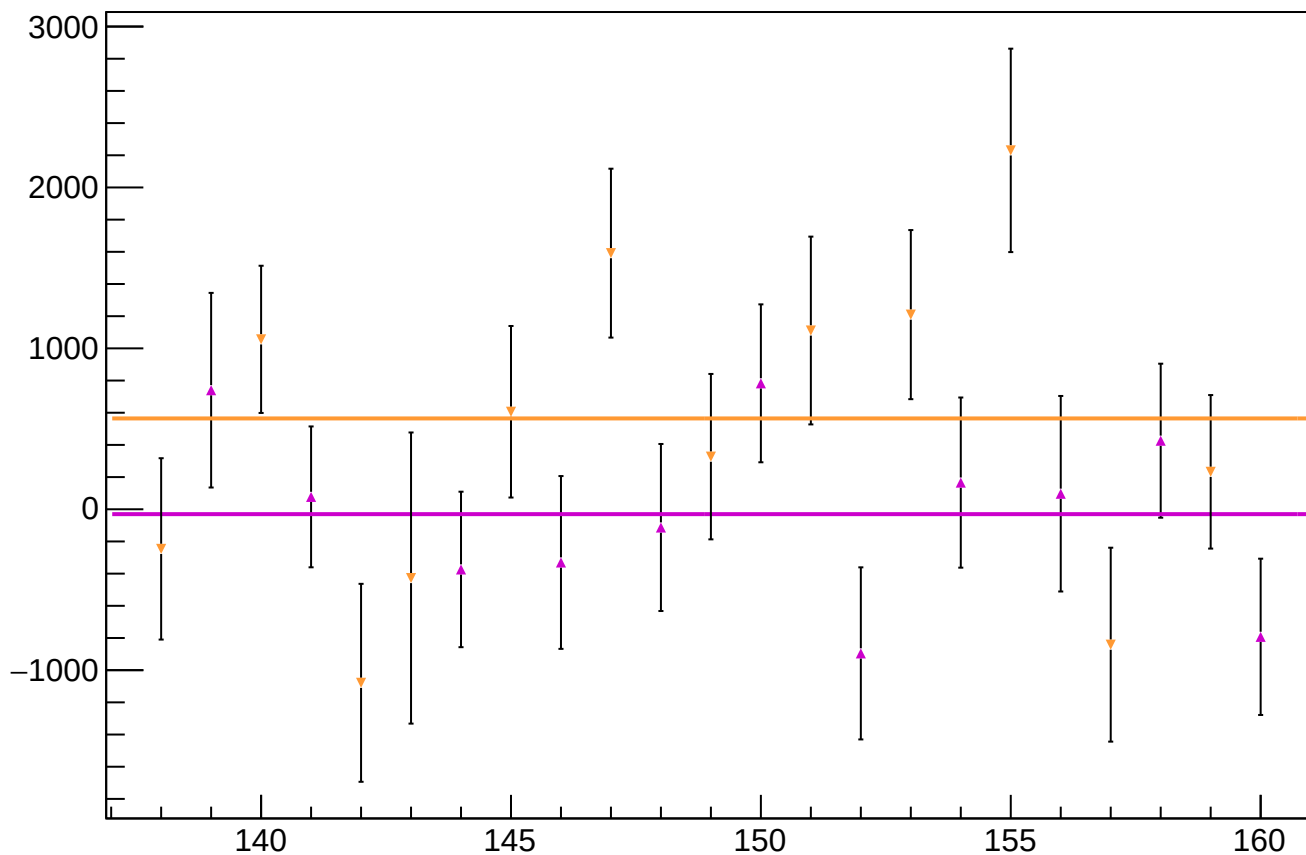
Left In: 1848.829 $\pm$ 0.436 χ^2 /NDF:4784.9/10

+ sign 1918.301 $\pm$ 0.348 χ^2 /NDF: 903383.1/28

All: 1913.943 $\pm$ 0.243 χ^2 /NDF: 1326085.1/58

- 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: 564.511+/-160.264 χ^2/NDF : 30.9/11

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

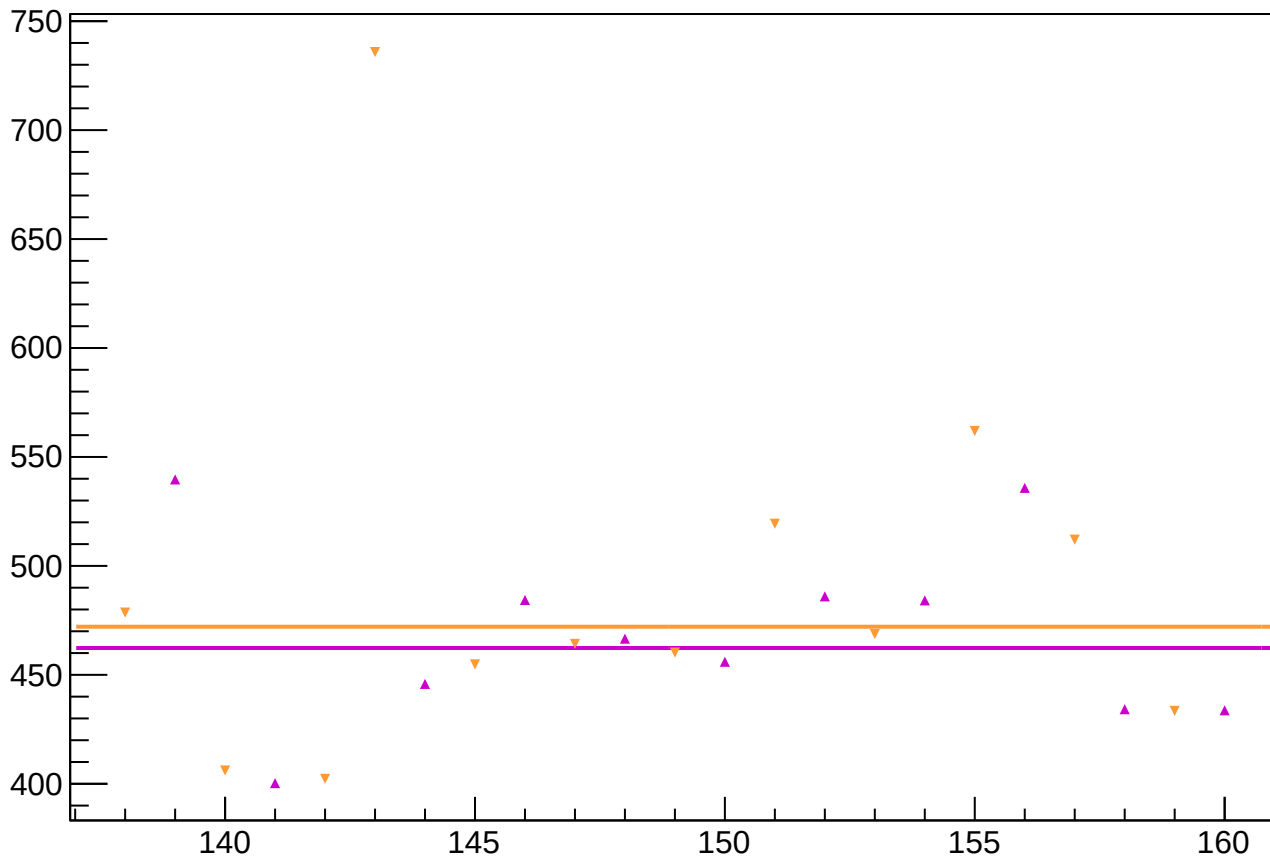
Left In: -30.276+/-154.381 χ^2/NDF : 11.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.001+/-111.185 χ^2/NDF : 49.5/22

- 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: 472.097+/-0.113 χ^2/NDF : 316736.4/11

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

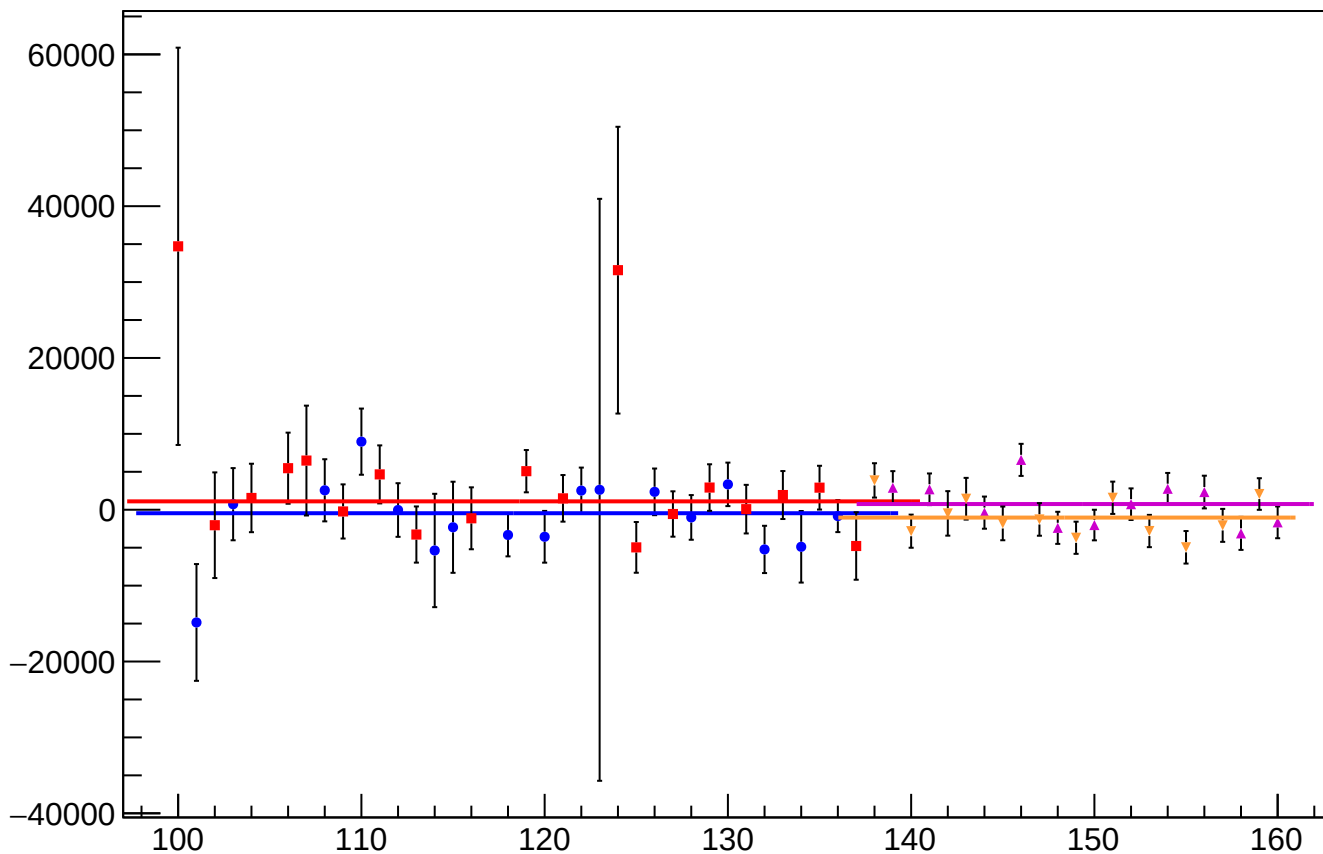
Left In: 462.321+/-0.109 χ^2/NDF : 129477.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.026+/-0.079 χ^2/NDF : 450074.0/22

- 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: -1032.456+/-645.739 χ^2/NDF : 15.9/11

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

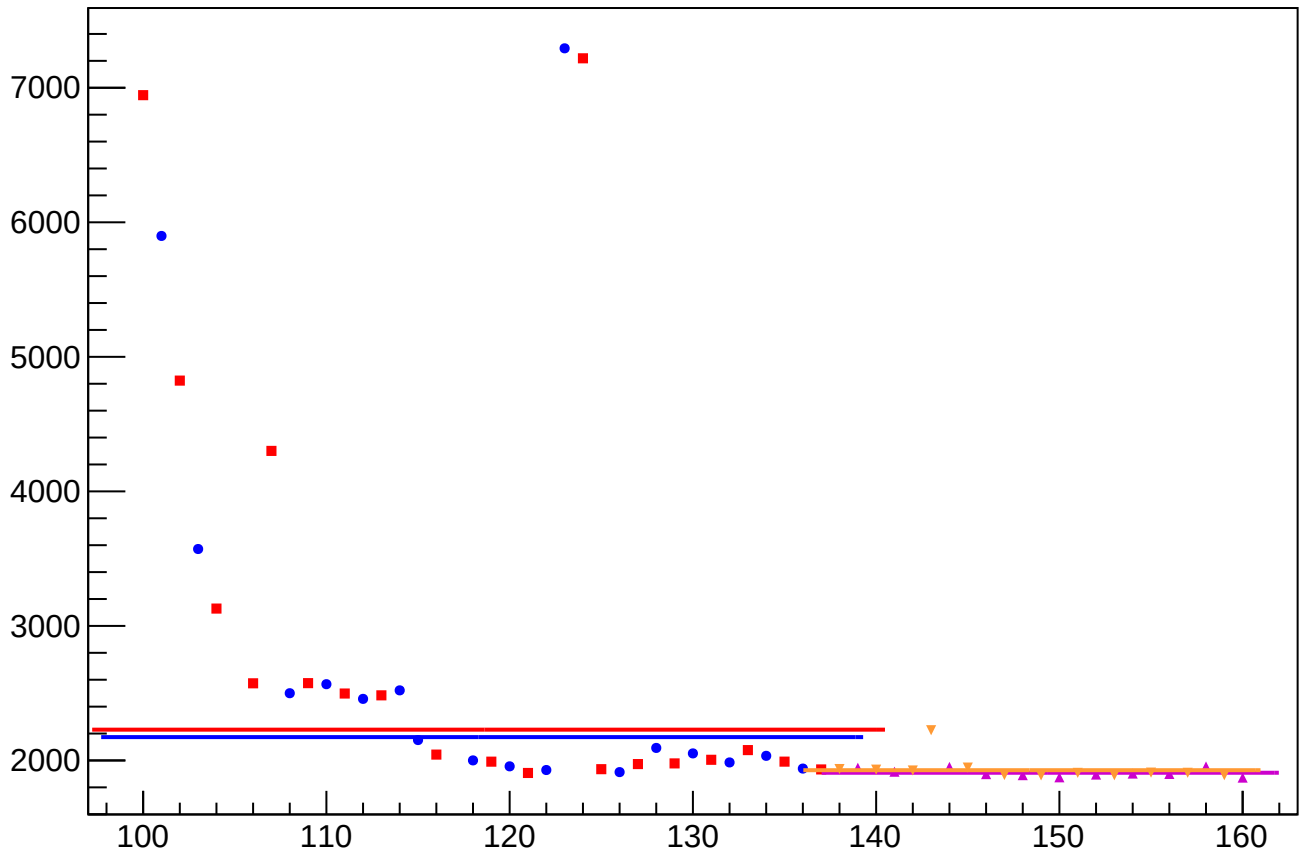
Left In: 750.835+/-636.068 χ^2/NDF : 19.7/10

+ sign -827.039+/-517.487 χ^2/NDF : 34.2/28

All: 31.322+/-364.281 χ^2/NDF : 76.5/58

- 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: 1927.494+/-0.457 χ^2/NDF : 26517.9/11

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

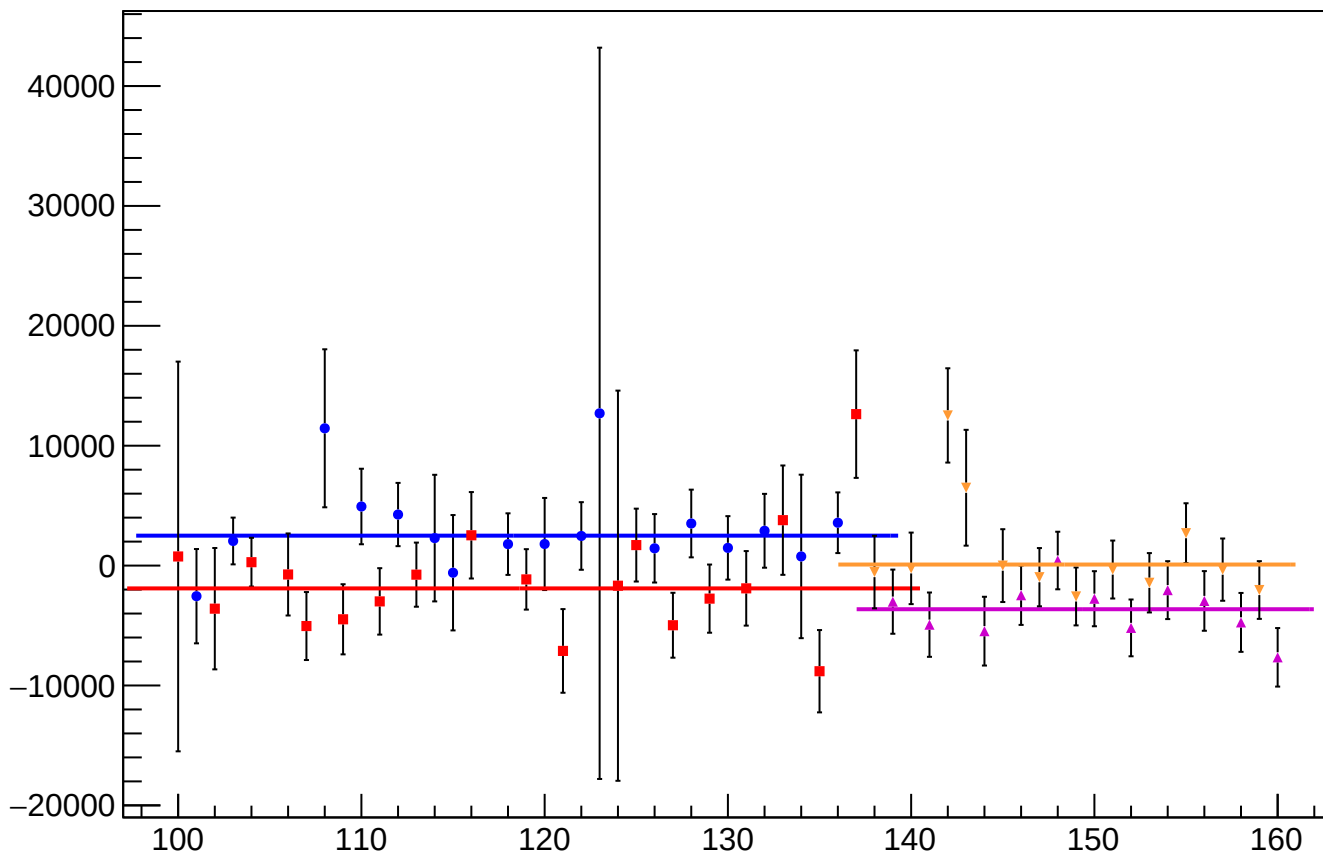
Left In: 1908.617+/-0.450 χ^2/NDF : 3850.3/10

+ sign 2015.520+/-0.366 χ^2/NDF : 935756.7/28

All: 2018.111+/-0.258 χ^2/NDF : 2012954.0/58

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

dit_asym_at2_avg_mean vs Slug



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

Left Out: 87.884 $\pm$ 792.052 χ^2 /NDF:15.5/11

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

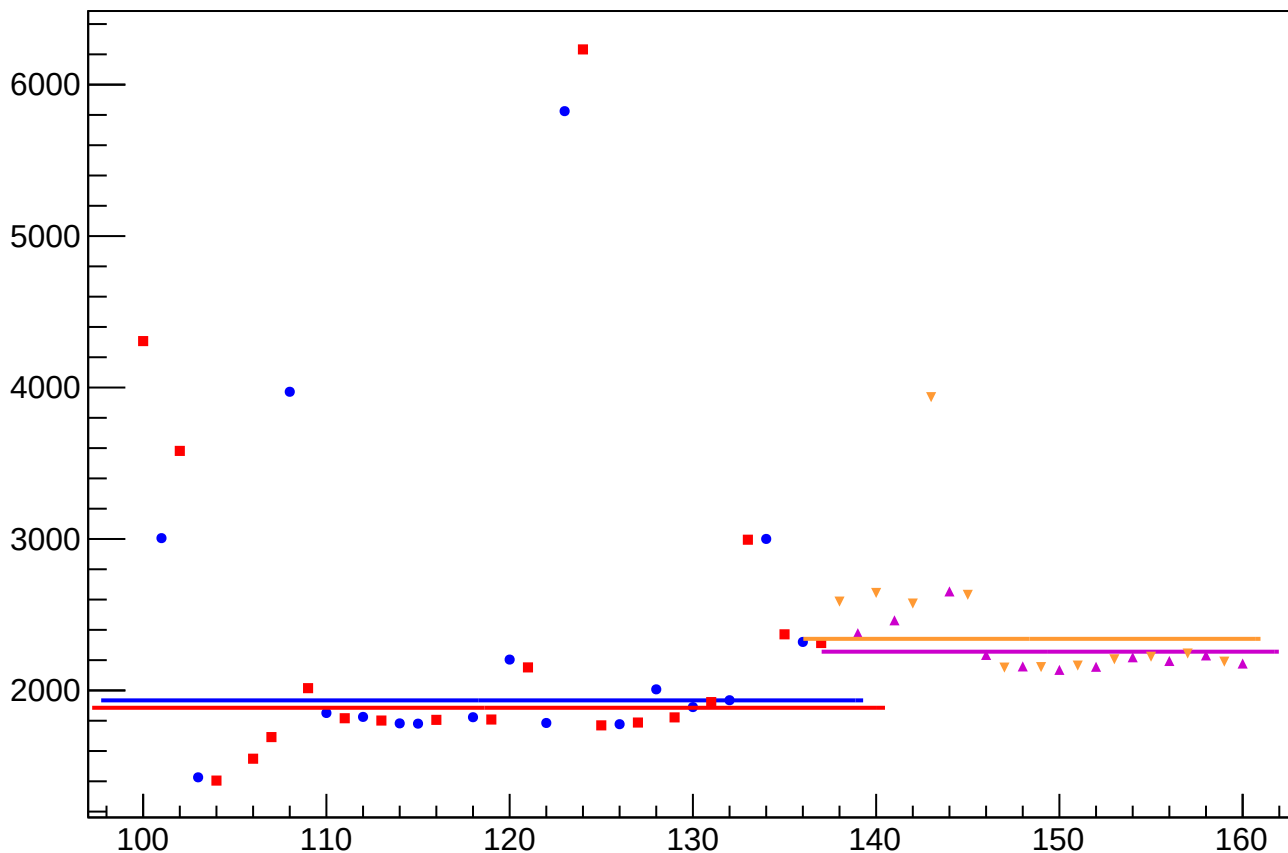
Left In: -3639.711 $\pm$ 751.439 χ^2 /NDF:7.8/10

+ sign 1328.913 $\pm$ 551.474 χ^2 /NDF: 26.2/28

All: -808.790 $\pm$ 380.661 χ^2 /NDF: 88.8/58

- sign -2754.250 $\pm$ 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: 2340.671+/-0.560 χ^2/NDF : 333329.2/11

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

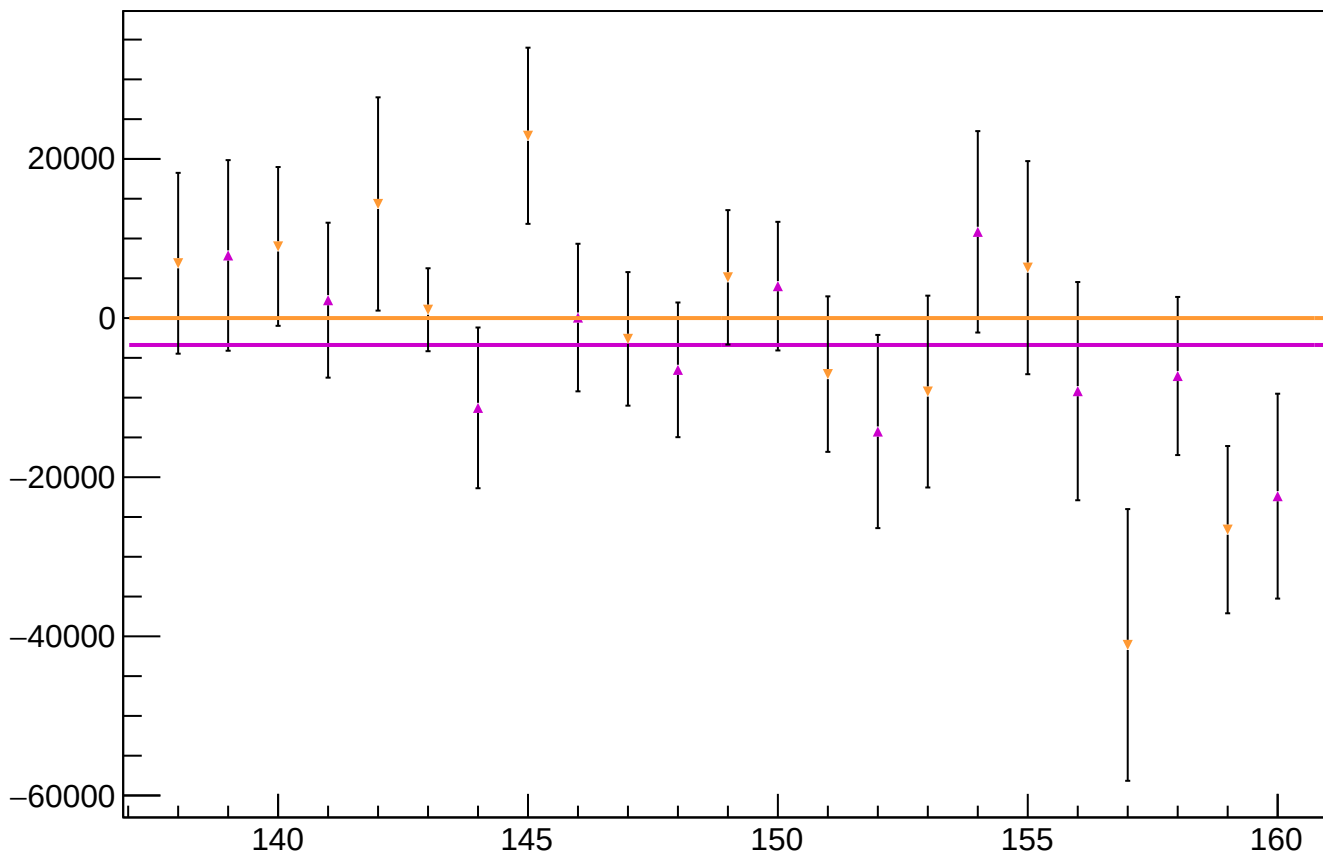
Left In: 2255.843+/-0.531 χ^2/NDF : 70982.6/10

+ sign 2131.353+/-0.390 χ^2/NDF : 1243356.6/28

All: 2097.668+/-0.269 χ^2/NDF : 2328341.5/58

- 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: 0.894+/-2753.041 χ^2/NDF : 20.6/11

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

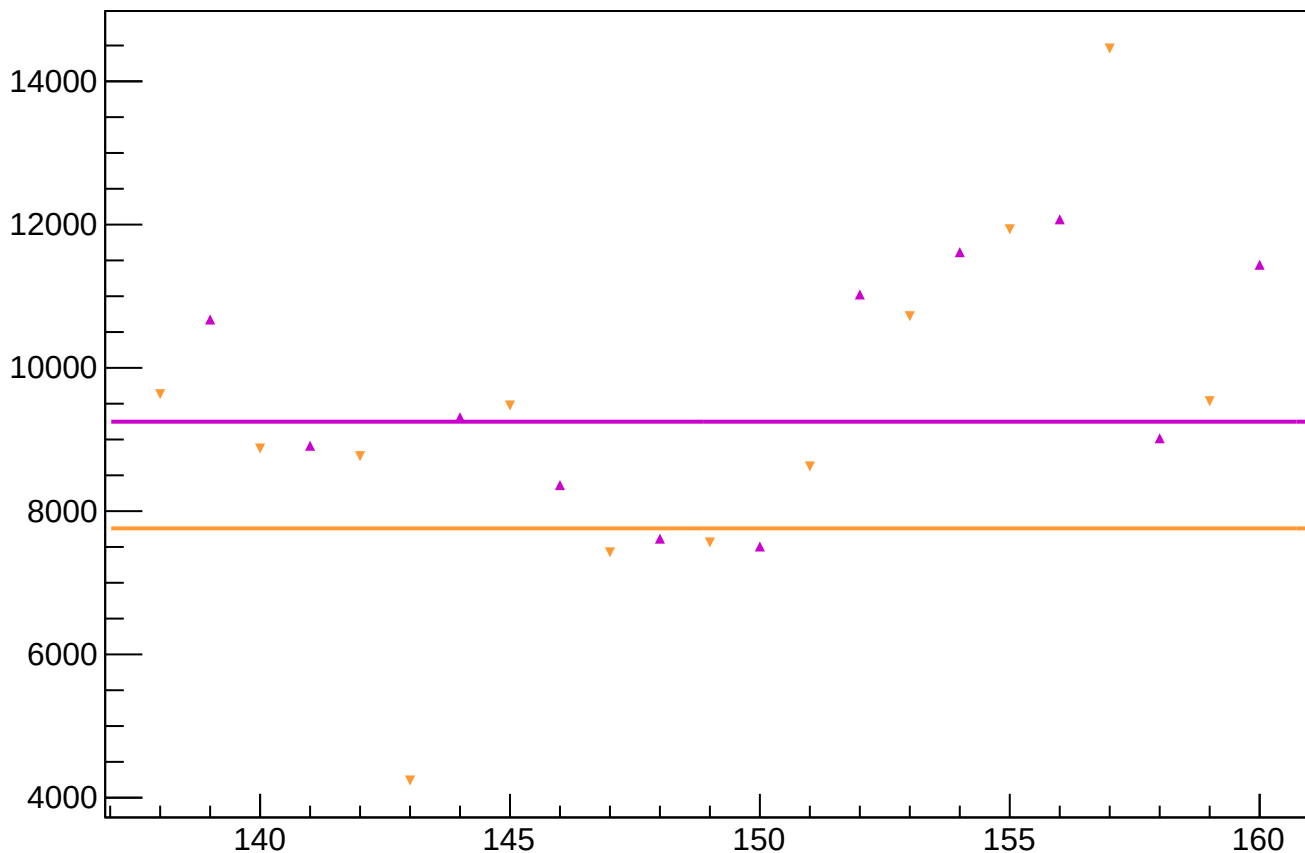
Left In: -3381.569+/-3120.063 χ^2/NDF : 7.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1479.783+/-2064.320 χ^2/NDF : 28.8/22

- 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: 7759.089+/-1.947 χ^2/NDF :1750411.4/11

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

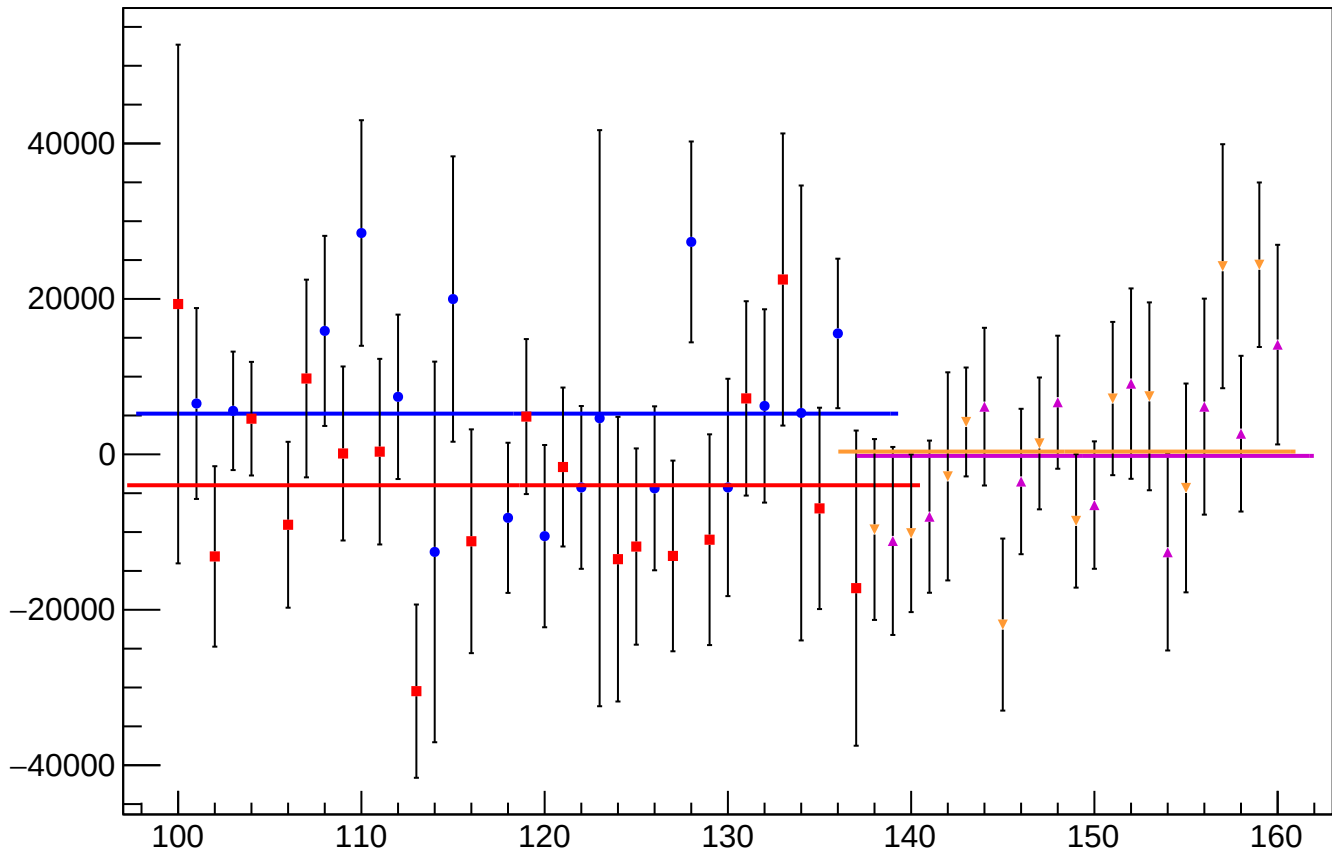
Left In: 9248.712+/-2.206 χ^2/NDF :472938.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8411.173+/-1.460 χ^2/NDF : 2479670.7/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



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

Left Out: 356.703 $\pm$ 2957.628 χ^2 /NDF:15.7/11

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

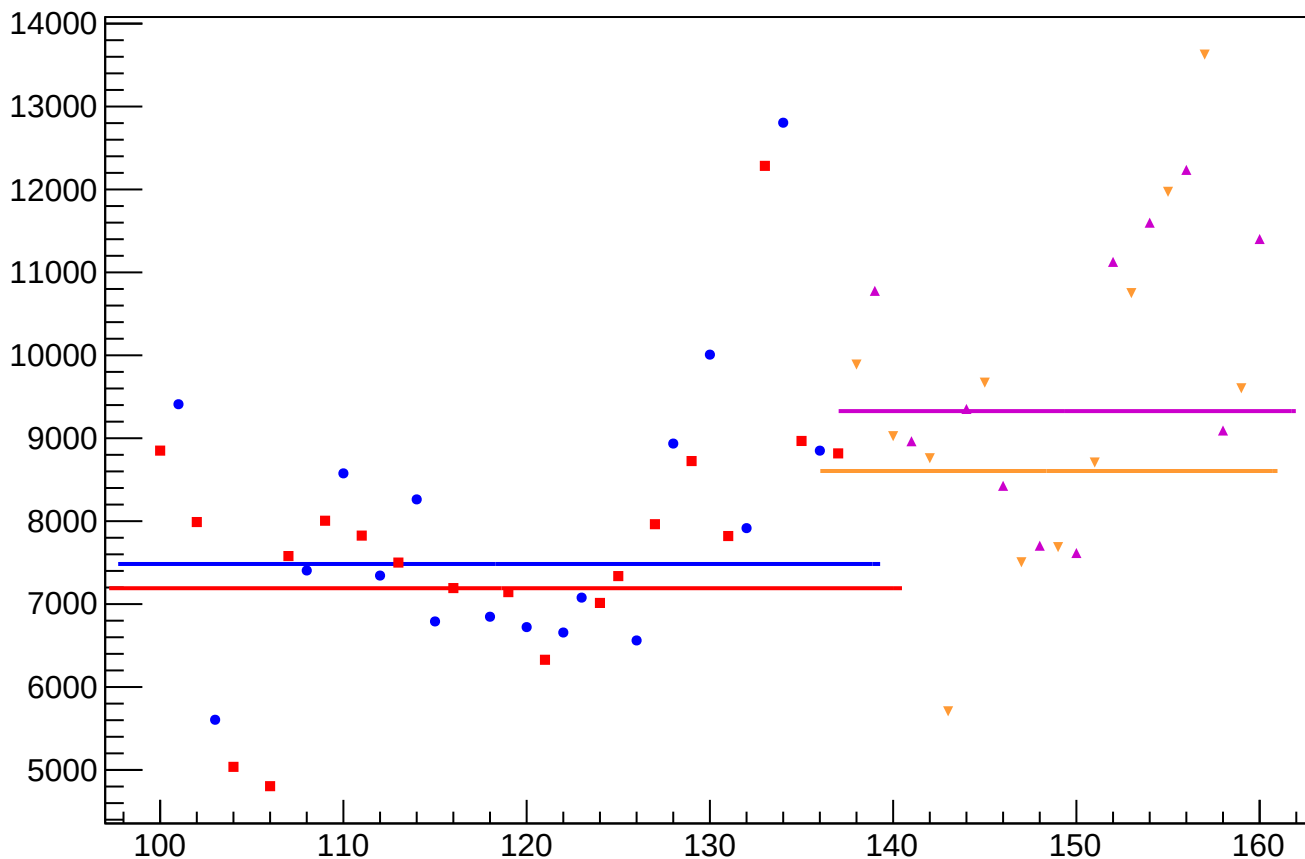
Left In: -197.250 $\pm$ 3145.732 χ^2 /NDF:6.3/10

+ sign 2807.108 $\pm$ 2087.294 χ^2 /NDF: 31.6/28

All: 247.782 $\pm$ 1476.010 χ^2 /NDF: 57.3/58

- sign -2312.031 $\pm$ 2087.492 χ^2 /NDF: 22.7/29

asym_at2_avg_rms vs Slug



Right In: 7483.785 $\pm$ 2.083 χ^2 /NDF: 431806.2/16

Left Out: 8605.005 $\pm$ 2.091 χ^2 /NDF: 856455.2/11

Right Out: 7191.451 $\pm$ 1.973 χ^2 /NDF: 558753.1/18

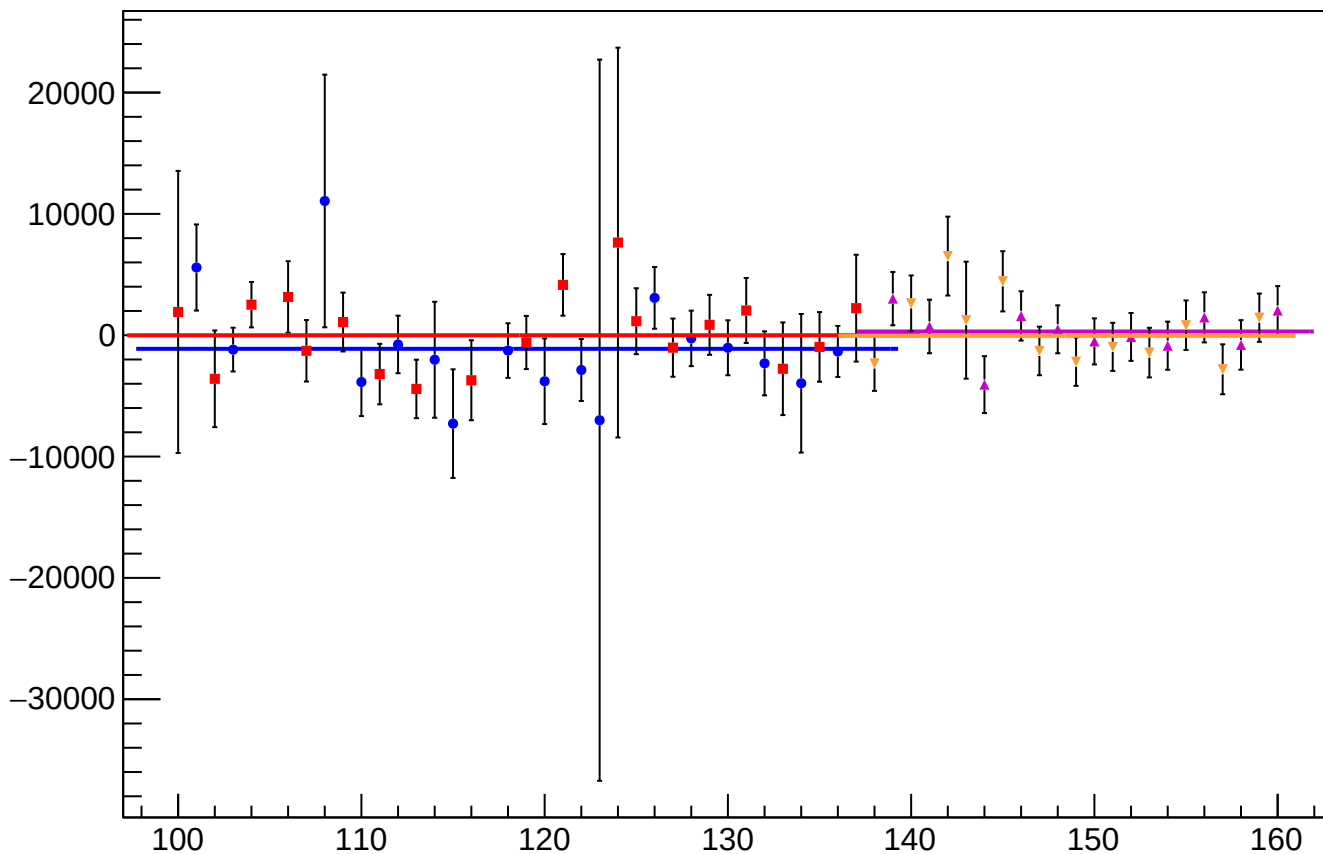
Left In: 9327.298 $\pm$ 2.224 χ^2 /NDF: 457803.7/10

+ sign 8042.204 $\pm$ 1.476 χ^2 /NDF: 1432535.6/28

All: 8087.027 $\pm$ 1.044 χ^2 /NDF: 2966979.9/58

- sign 8131.854 $\pm$ 1.476 χ^2 /NDF: 1532599.6/29

dit_asym_at2_dd_mean vs Slug



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

Left Out: -49.873 ± 644.526 χ^2/NDF : 14.5/11

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

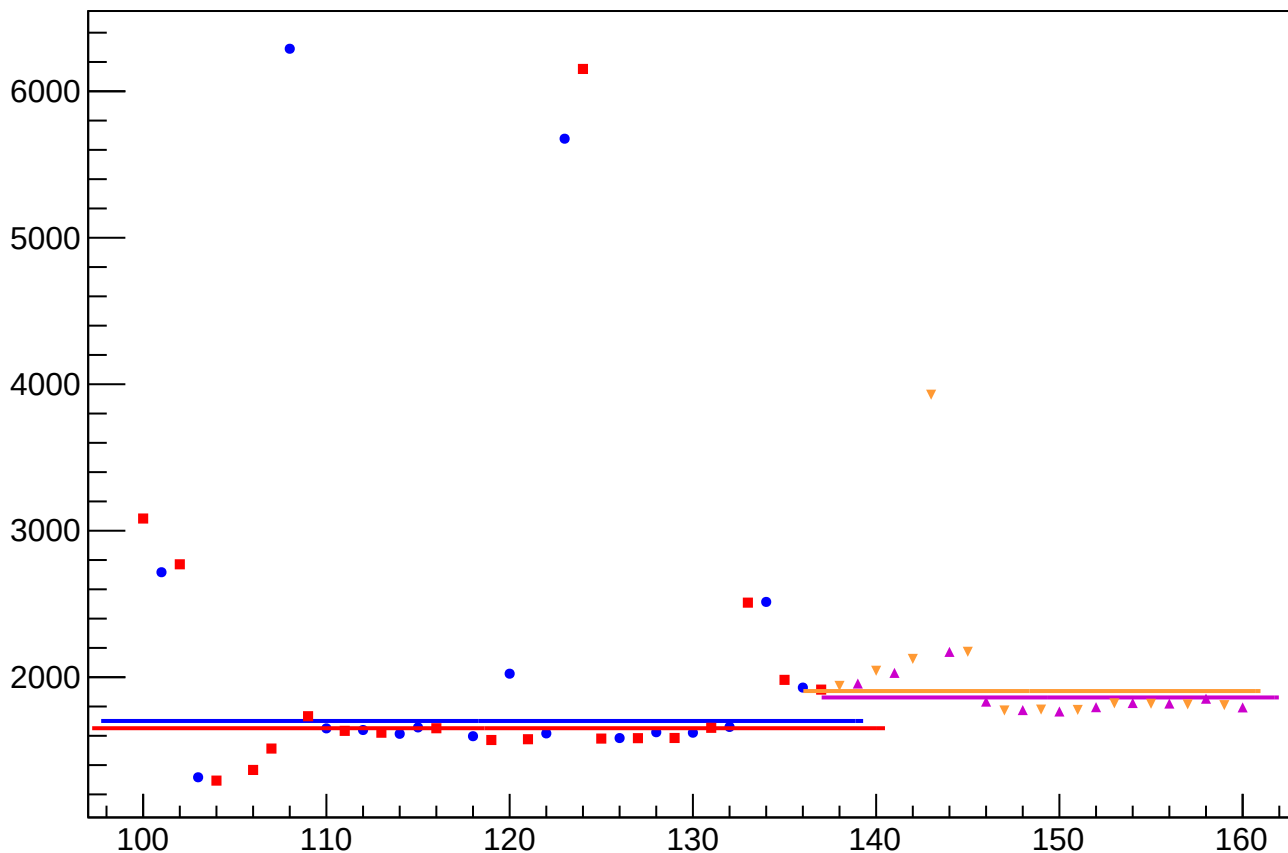
Left In: 308.715 ± 619.931 χ^2/NDF : 7.4/10

+ sign -557.190 ± 467.514 χ^2/NDF : 28.1/28

All: -182.112 ± 322.394 χ^2/NDF : 52.3/58

- sign 157.978 ± 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: 1905.458 ± 0.456 χ^2/NDF : 433280.4/11

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

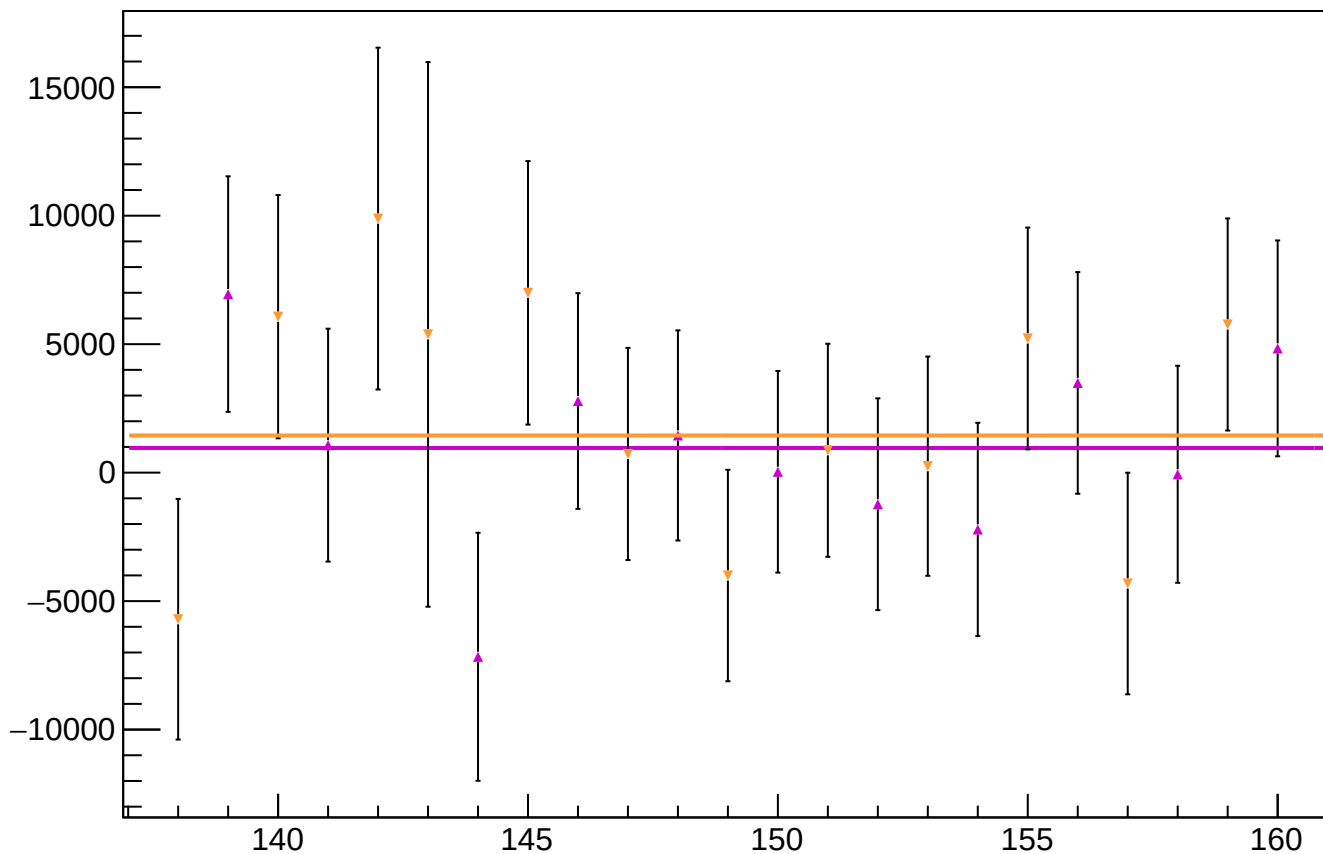
Left In: 1861.766 ± 0.438 χ^2/NDF : 65887.0/10

+ sign 1808.709 ± 0.331 χ^2/NDF : 1307103.0/28

All: 1783.185 ± 0.228 χ^2/NDF : 2084385.7/58

- 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: 1446.661+/-1340.161 χ^2/NDF :11.7/11

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

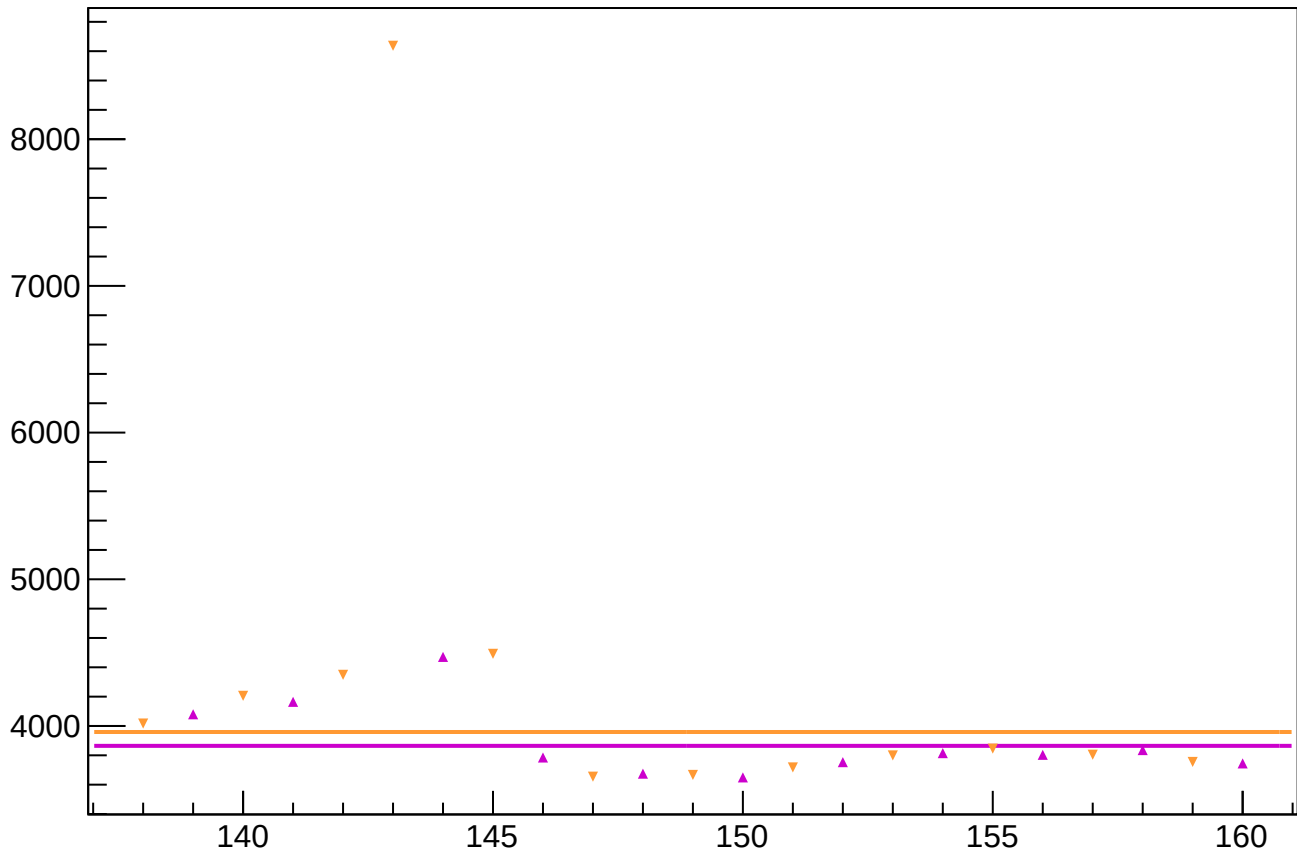
Left In: 959.235+/-1286.587 χ^2/NDF :6.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1193.011+/-928.116 χ^2/NDF : 18.7/22

- 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: 3958.986+/-0.948 χ^2/NDF : 463295.1/11

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

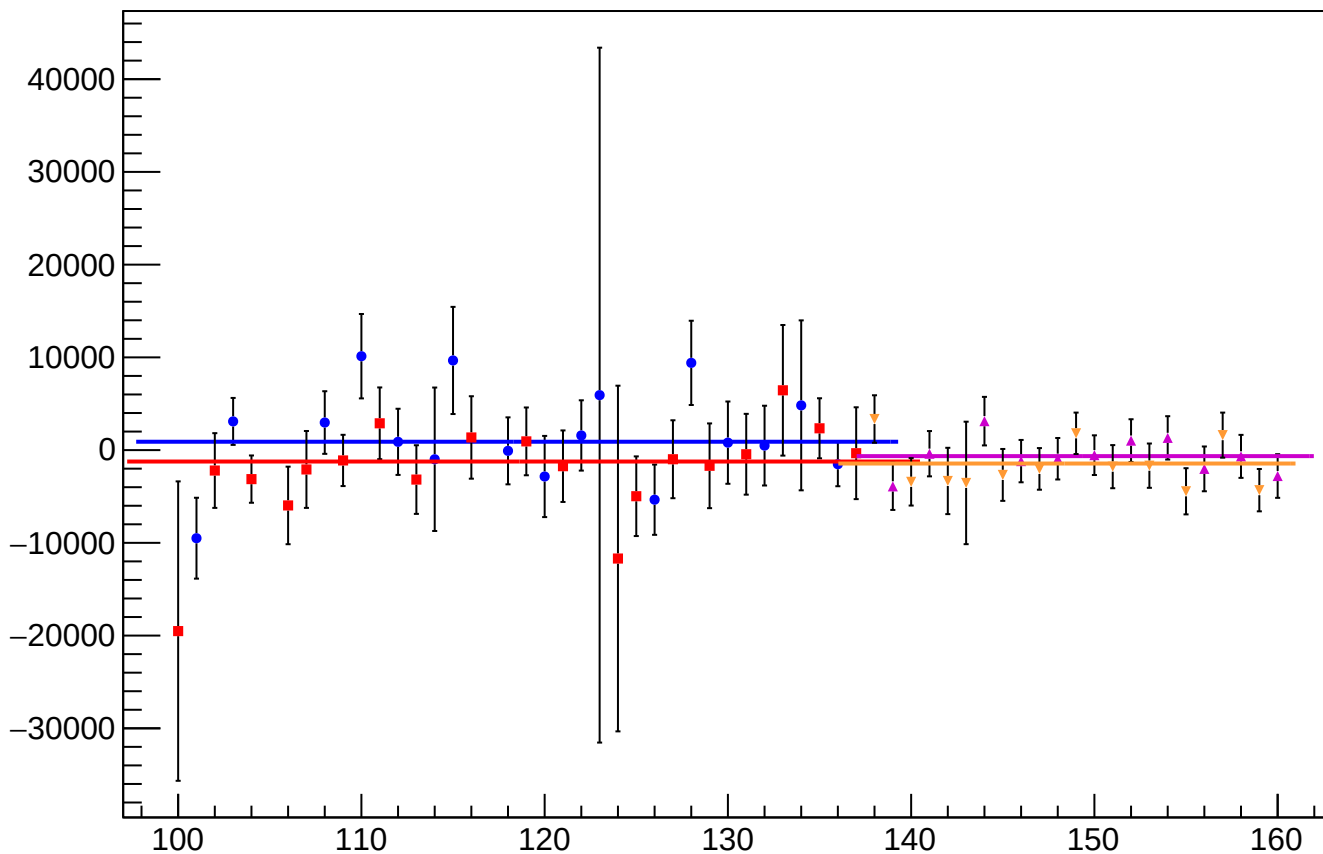
Left In: 3864.563+/-0.910 χ^2/NDF : 59624.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3909.849+/-0.656 χ^2/NDF : 528085.6/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



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

Left Out: -1447.129+/-742.037 χ^2/NDF : 11.5/11

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

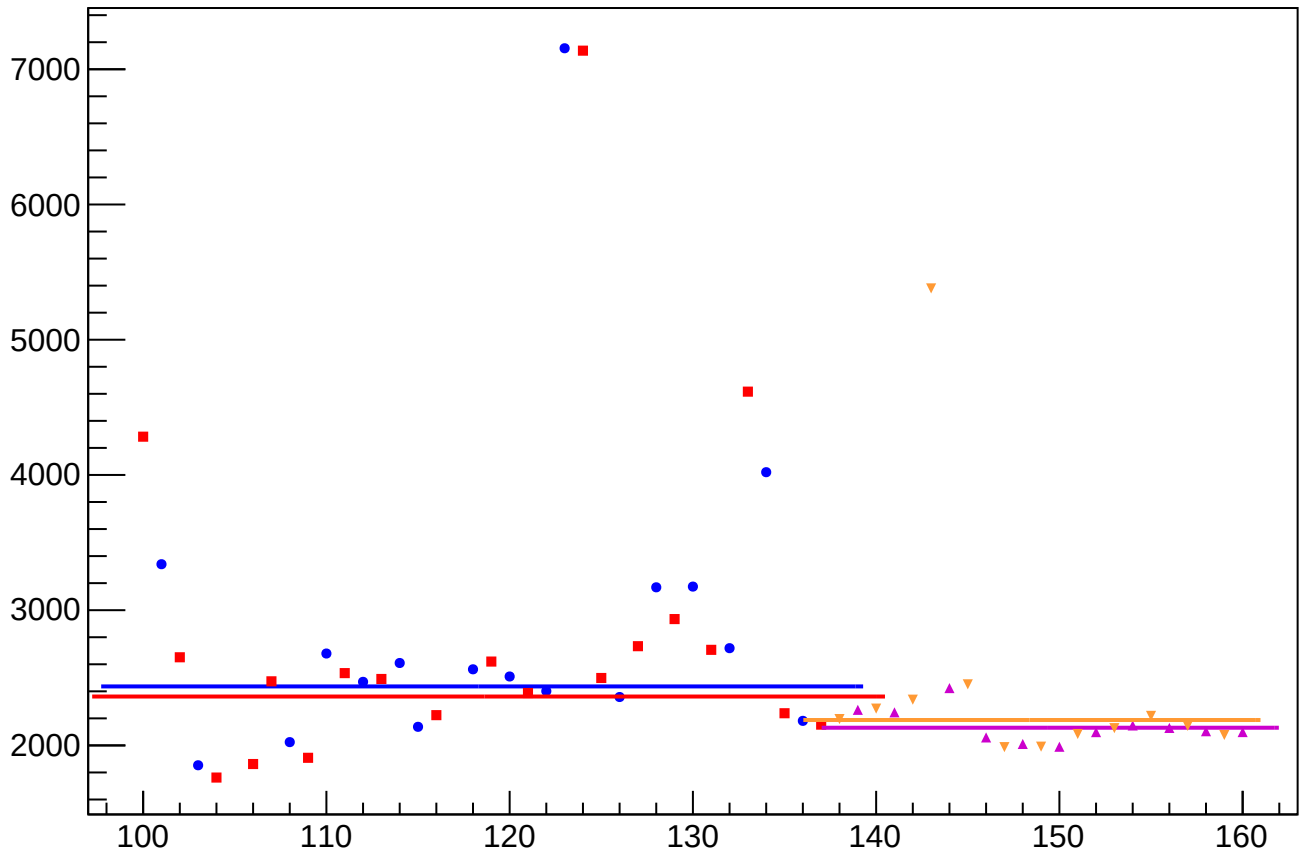
Left In: -648.116+/-709.245 χ^2/NDF : 6.2/10

+ sign -570.259+/-587.536 χ^2/NDF : 36.9/28

All: -723.389+/-406.440 χ^2/NDF : 52.4/58

- sign -863.920+/-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: 2187.821+/-0.525 χ^2/NDF : 533126.2/11

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

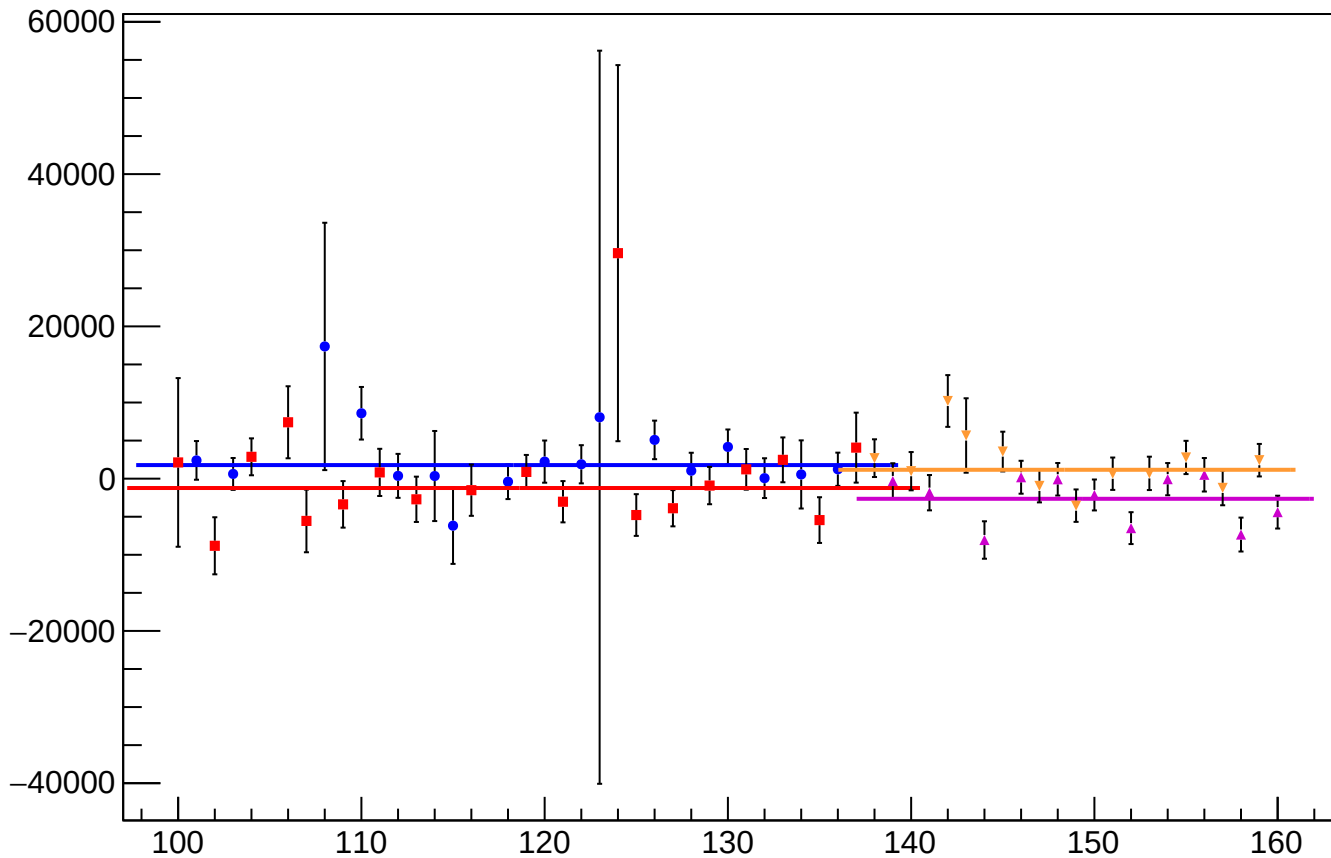
Left In: 2130.791+/-0.502 χ^2/NDF : 52332.8/10

+ sign 2280.505+/-0.415 χ^2/NDF : 1085315.9/28

All: 2246.987+/-0.287 χ^2/NDF : 1884366.6/58

- 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: 1165.143 $\pm$ 693.350 χ^2 /NDF: 17.1/11

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

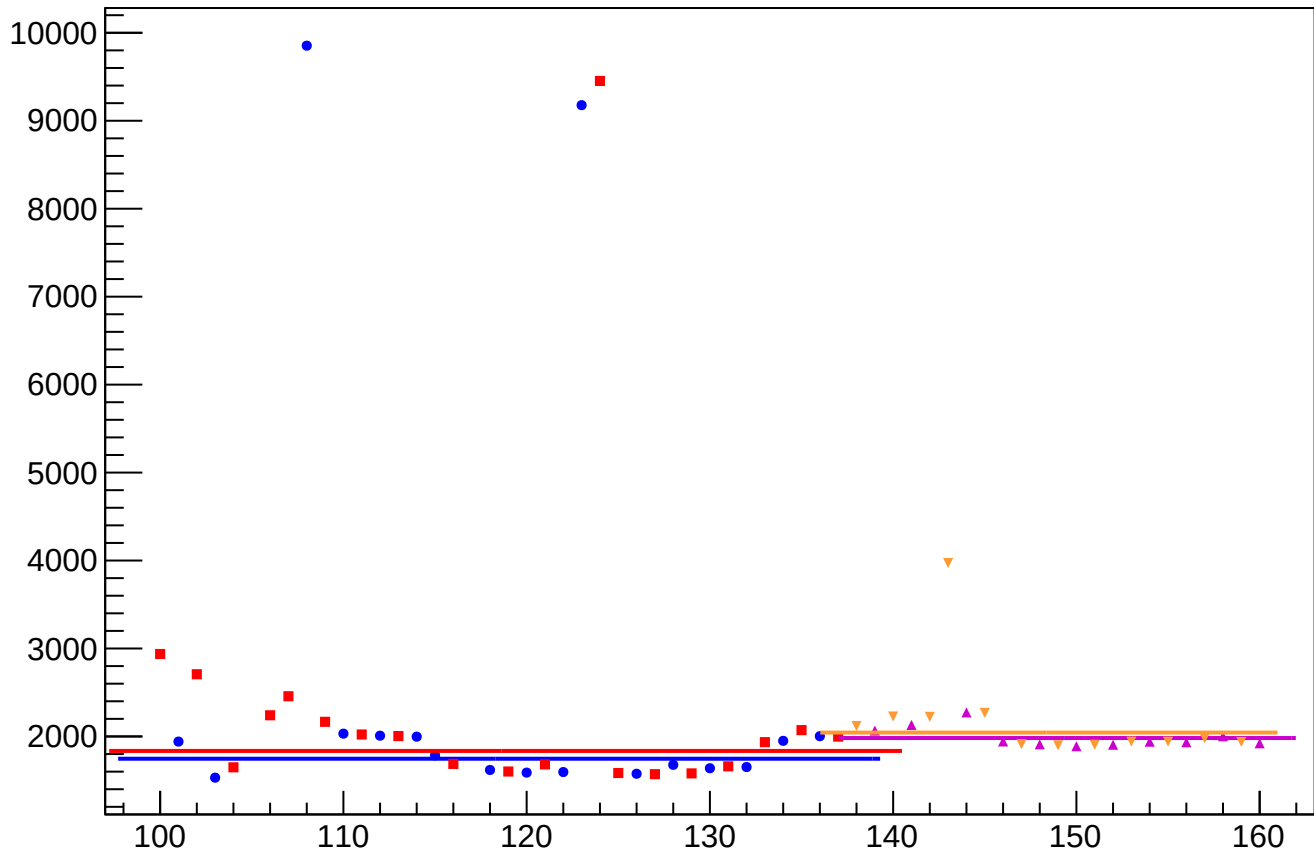
Left In: -2645.489 $\pm$ 661.437 χ^2 /NDF: 21.2/10

+ sign 1473.854 $\pm$ 490.645 χ^2 /NDF: 29.9/28

All: -281.703 $\pm$ 344.340 χ^2 /NDF: 102.7/58

- 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: 2044.355 $\pm$ 0.490 χ^2 /NDF: 384041.2/11

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

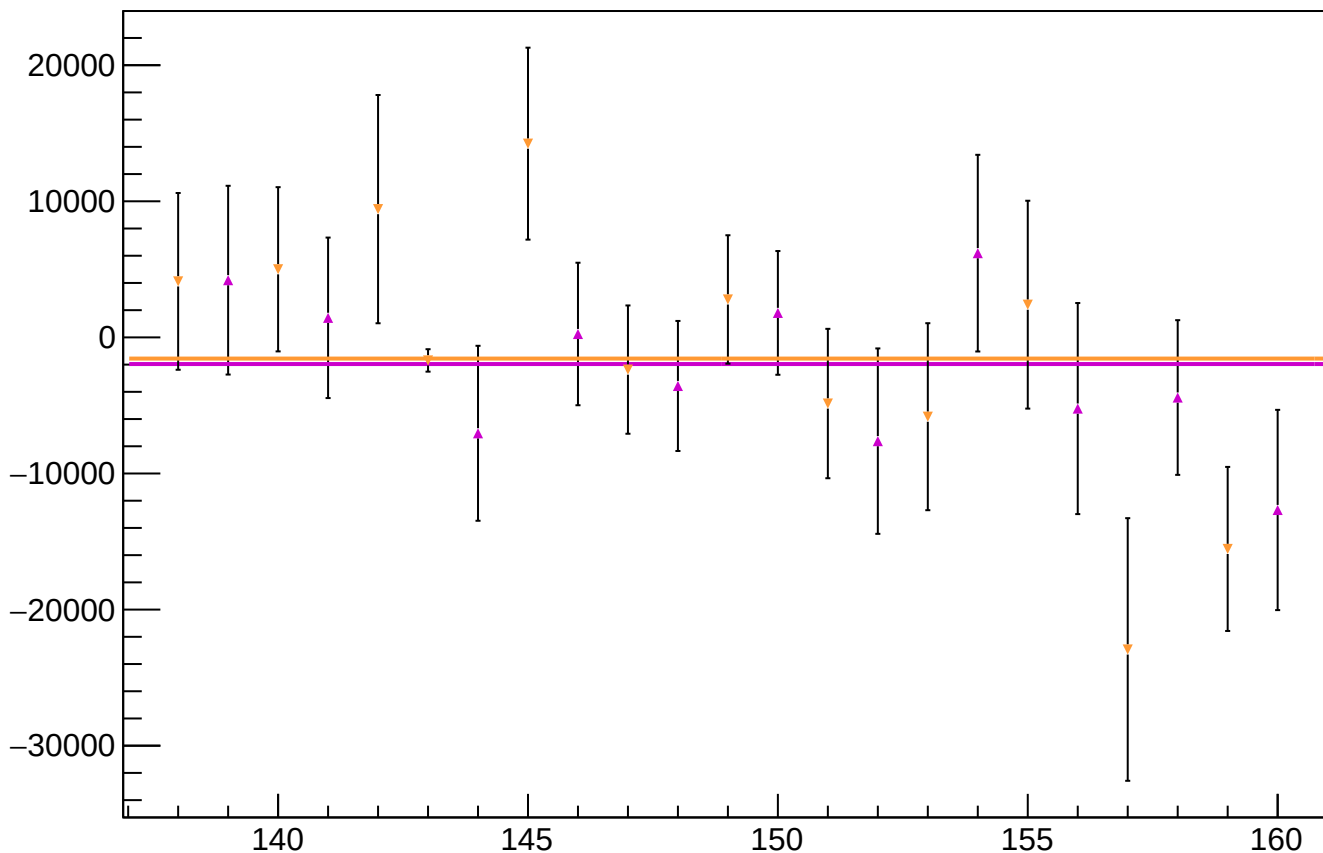
Left In: 1982.041 $\pm$ 0.468 χ^2 /NDF: 52112.6/10

+ sign 1895.821 $\pm$ 0.347 χ^2 /NDF: 1250376.1/28

All: 1904.866 $\pm$ 0.243 χ^2 /NDF: 1900082.7/58

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

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1556.514+/-754.434 χ^2/NDF :20.9/11

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

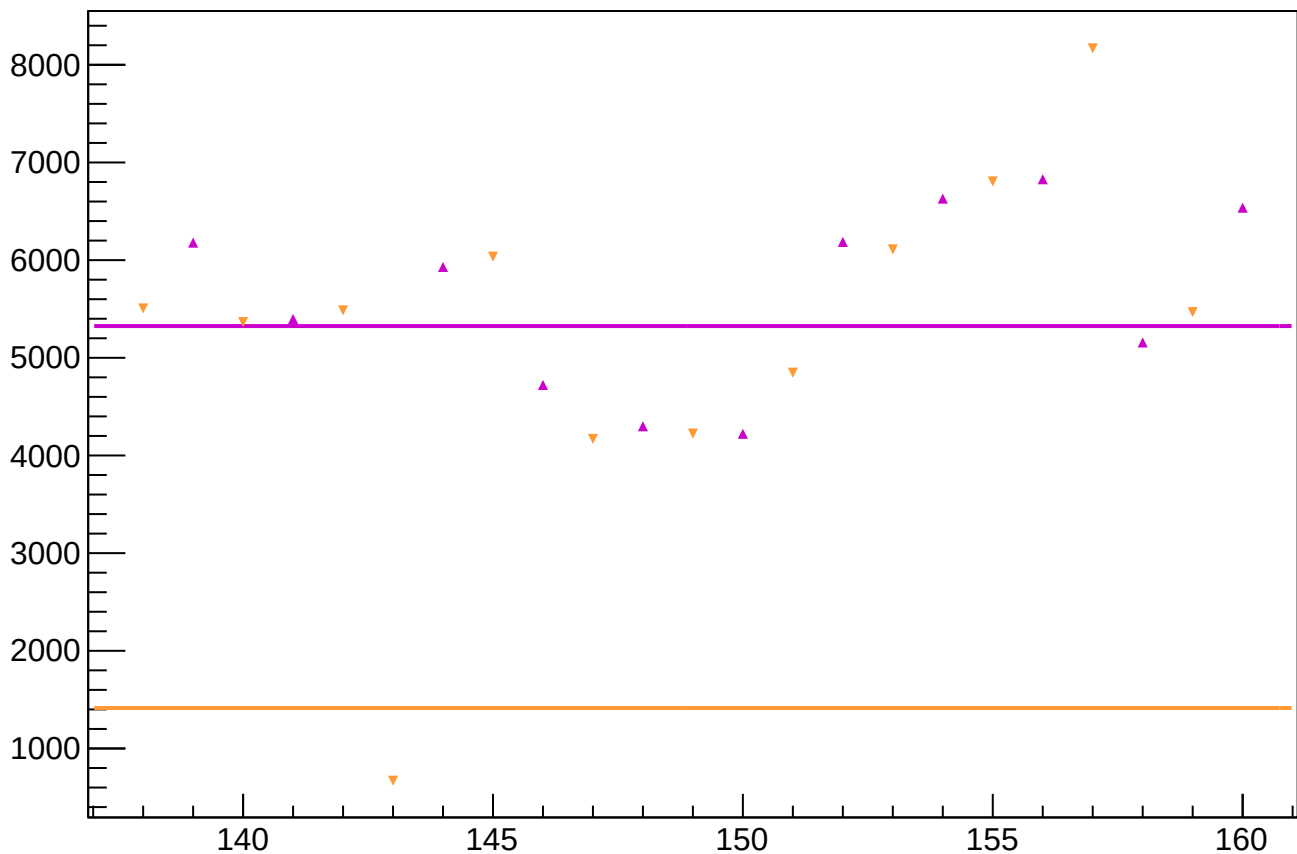
Left In: -1958.718+/-1798.281 χ^2/NDF :7.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1616.710+/-695.691 χ^2/NDF : 28.1/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_correction_rms vs Slug



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

Left Out: 1414.787+/-0.533 χ^2/NDF :10604264.3/11

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

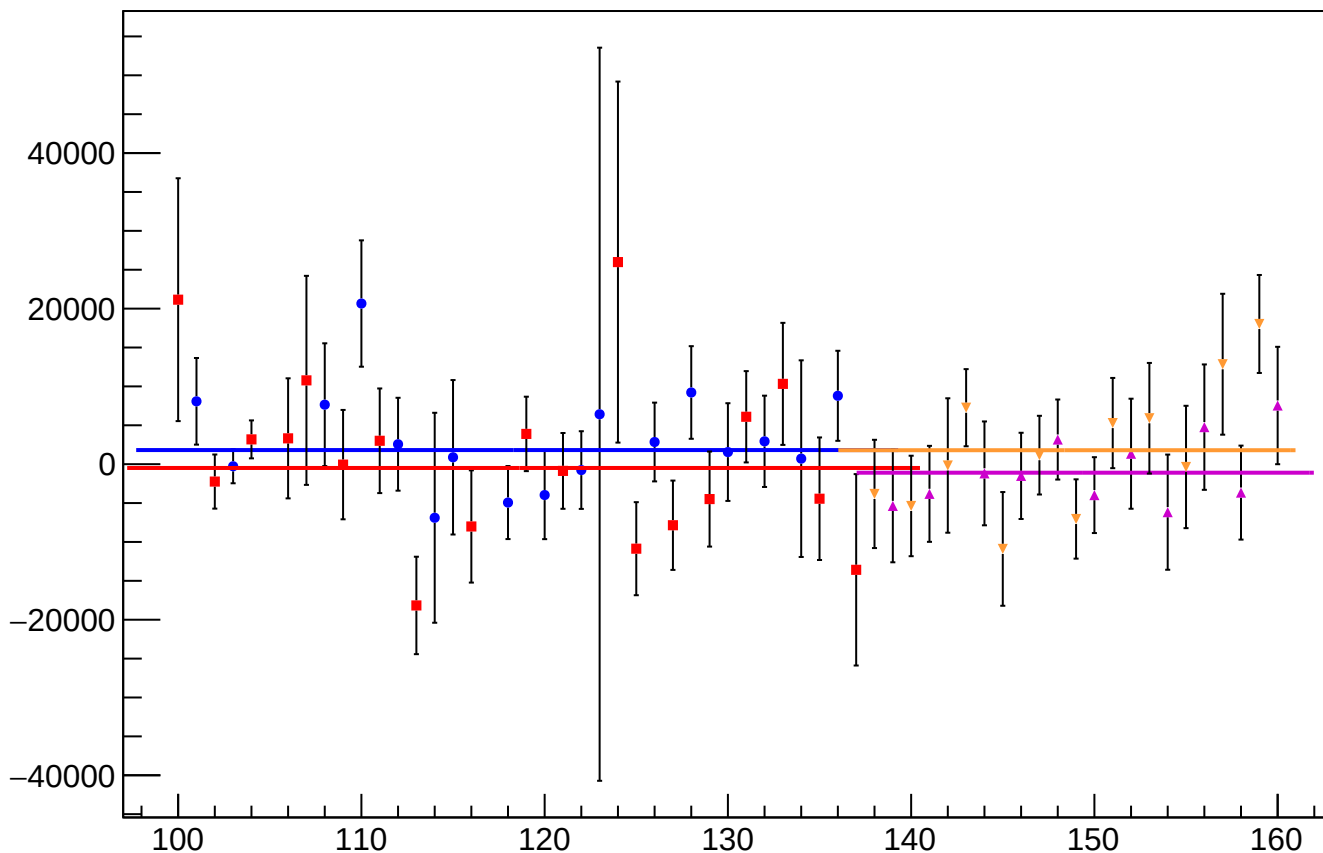
Left In: 5325.030+/-1.272 χ^2/NDF :513304.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2000.010+/-0.492 χ^2/NDF : 19158618.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



Right In: 1814.267 ± 1301.312 $\chi^2/\text{NDF}: 15.0/16$

Left Out: 1793.805 ± 1832.174 $\chi^2/\text{NDF}: 18.1/11$

Right Out: -488.360 ± 1286.073 $\chi^2/\text{NDF}: 26.5/18$

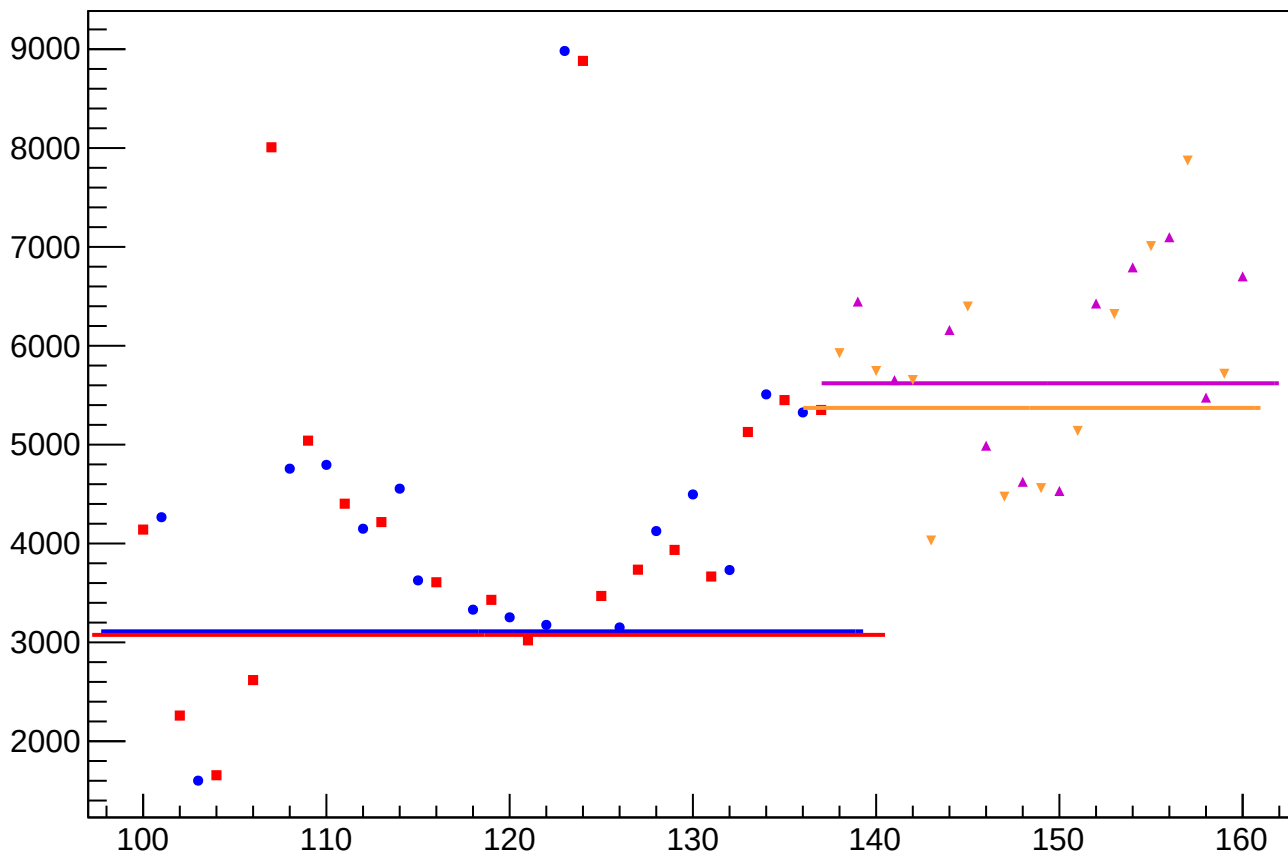
Left In: -1097.093 ± 1894.579 $\chi^2/\text{NDF}: 4.2/10$

+ sign 1807.406 ± 1060.940 $\chi^2/\text{NDF}: 33.1/28$

All: 567.182 ± 751.303 $\chi^2/\text{NDF}: 66.6/58$

- sign -680.379 ± 1064.073 $\chi^2/\text{NDF}: 30.7/29$

asym_atl_avg_rms vs Slug



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

Left Out: 5371.493+/-1.296 χ^2/NDF : 604642.5/11

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

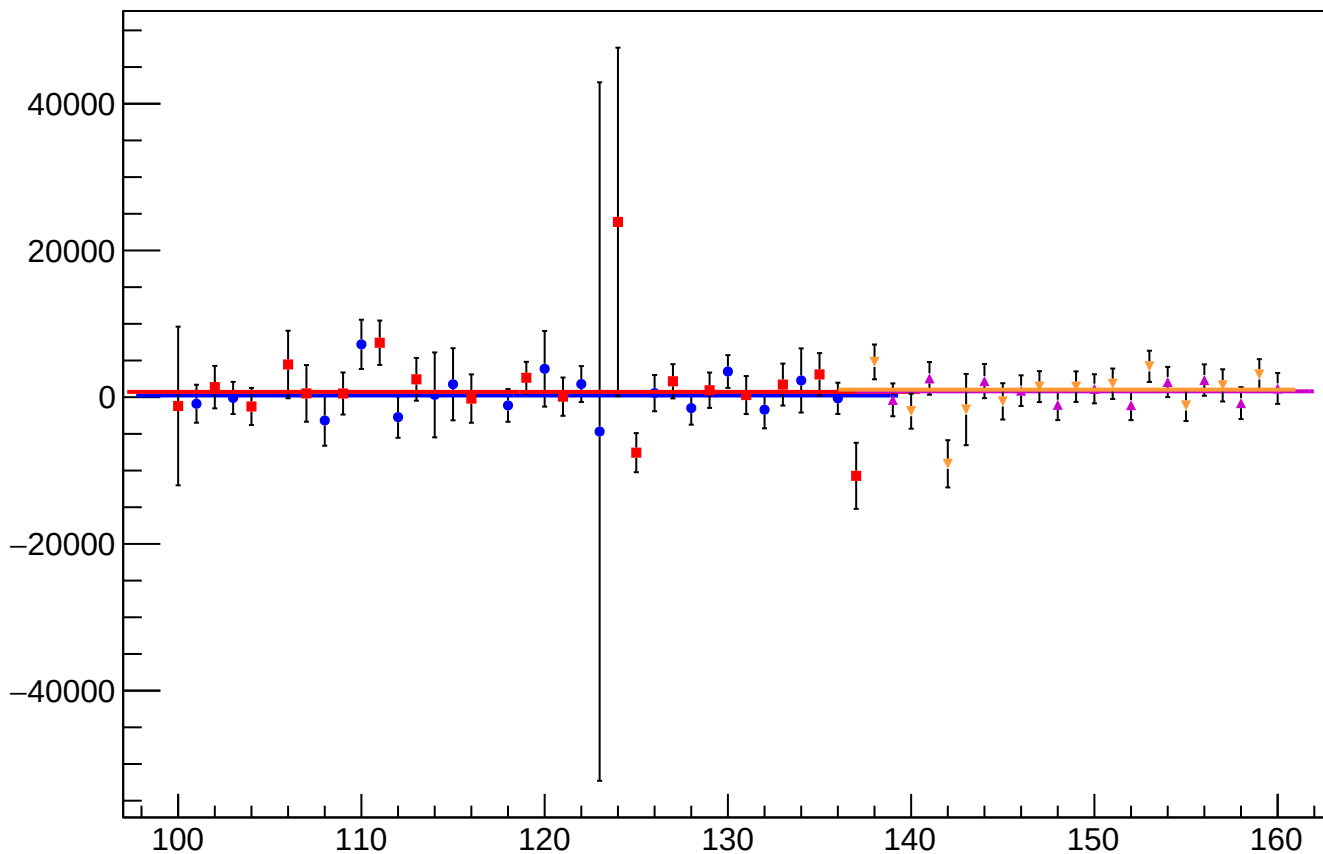
Left In: 5620.707+/-1.340 χ^2/NDF : 425325.3/10

+ sign 3869.335+/-0.750 χ^2/NDF : 4506222.4/28

All: 3865.958+/-0.529 χ^2/NDF : 9434100.6/58

- 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: 1029.821+/-670.730 χ^2/NDF : 19.2/11

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

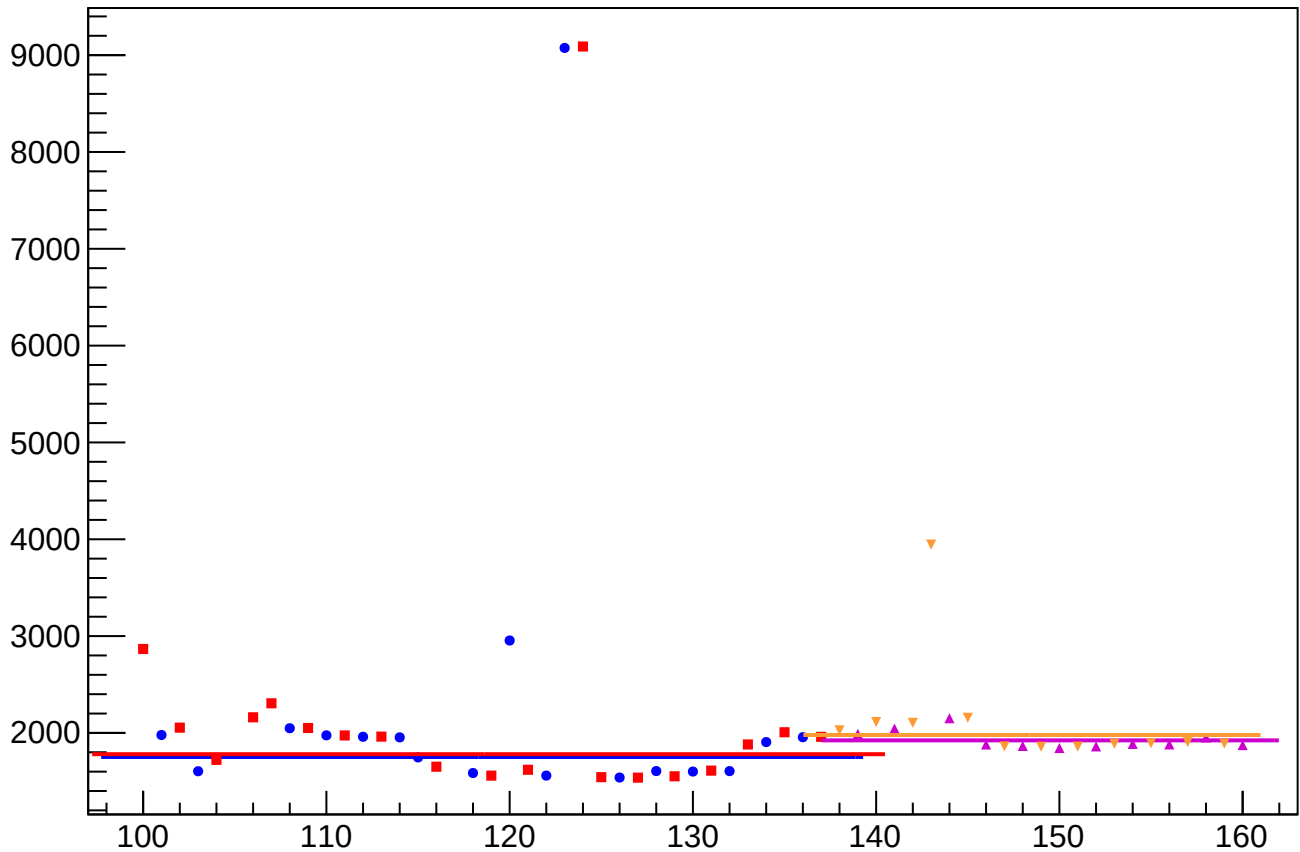
Left In: 801.616+/-641.432 χ^2/NDF : 4.4/10

+ sign 640.503+/-479.854 χ^2/NDF : 31.4/28

All: 704.994+/-335.017 χ^2/NDF : 61.7/58

- 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: 1978.429+/-0.474 χ^2/NDF : 380796.1/11

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

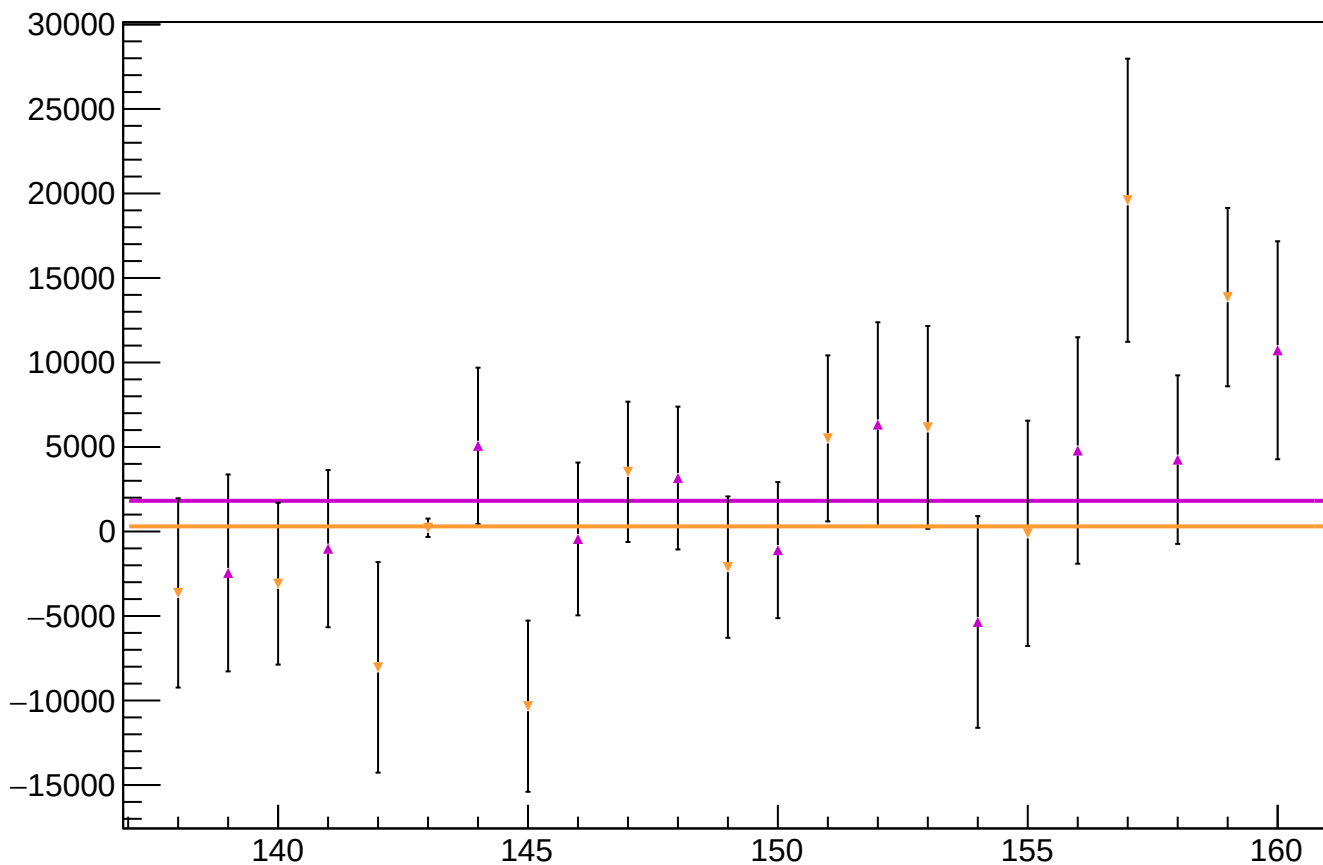
Left In: 1923.027+/-0.454 χ^2/NDF : 37320.9/10

+ sign 1867.819+/-0.339 χ^2/NDF : 793110.4/28

All: 1861.810+/-0.237 χ^2/NDF : 1305829.8/58

- 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: 302.218+/-513.670 χ^2/NDF : 22.2/11

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

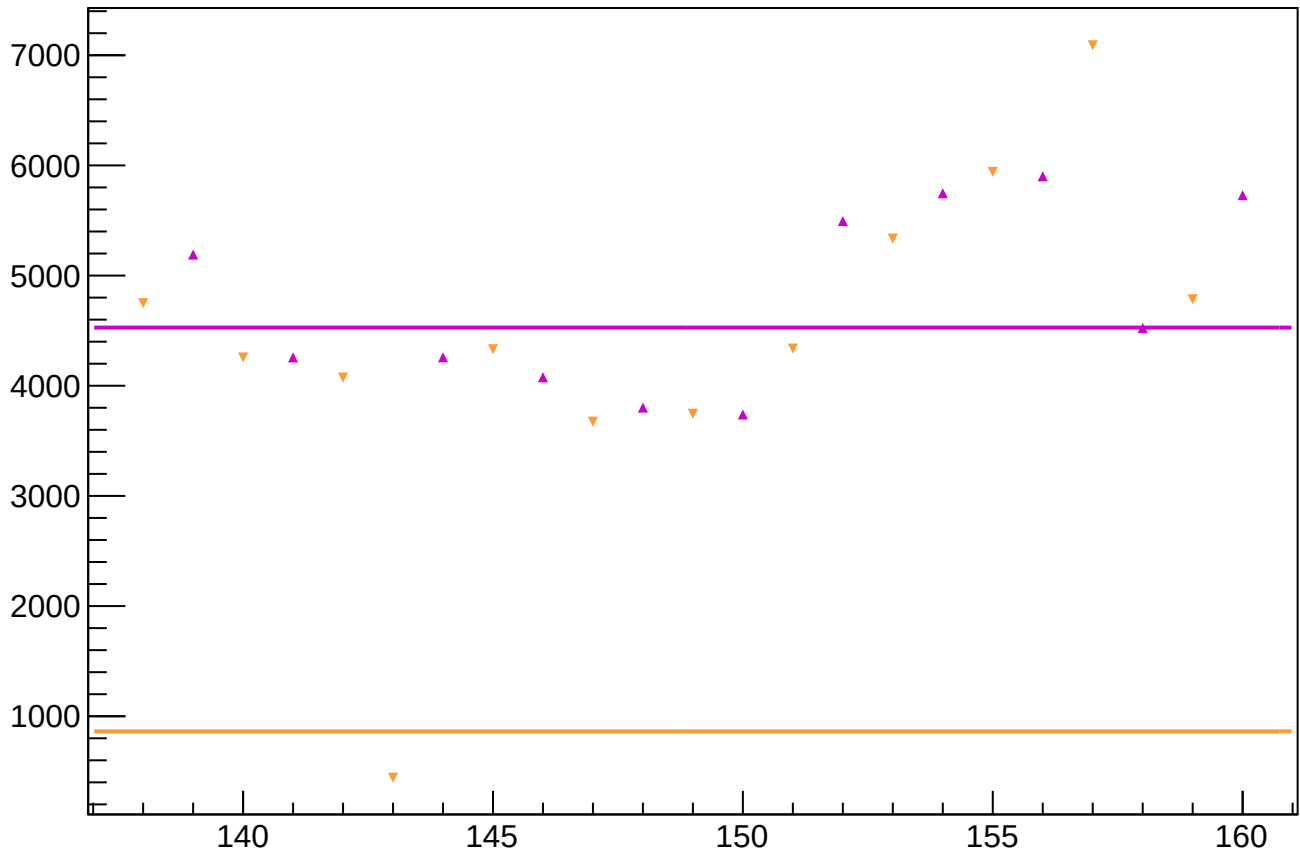
Left In: 1814.777+/-1527.557 χ^2/NDF : 6.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.878+/-486.880 χ^2/NDF : 29.5/22

- 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: 863.231+/-0.363 χ^2/NDF :11992606.9/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

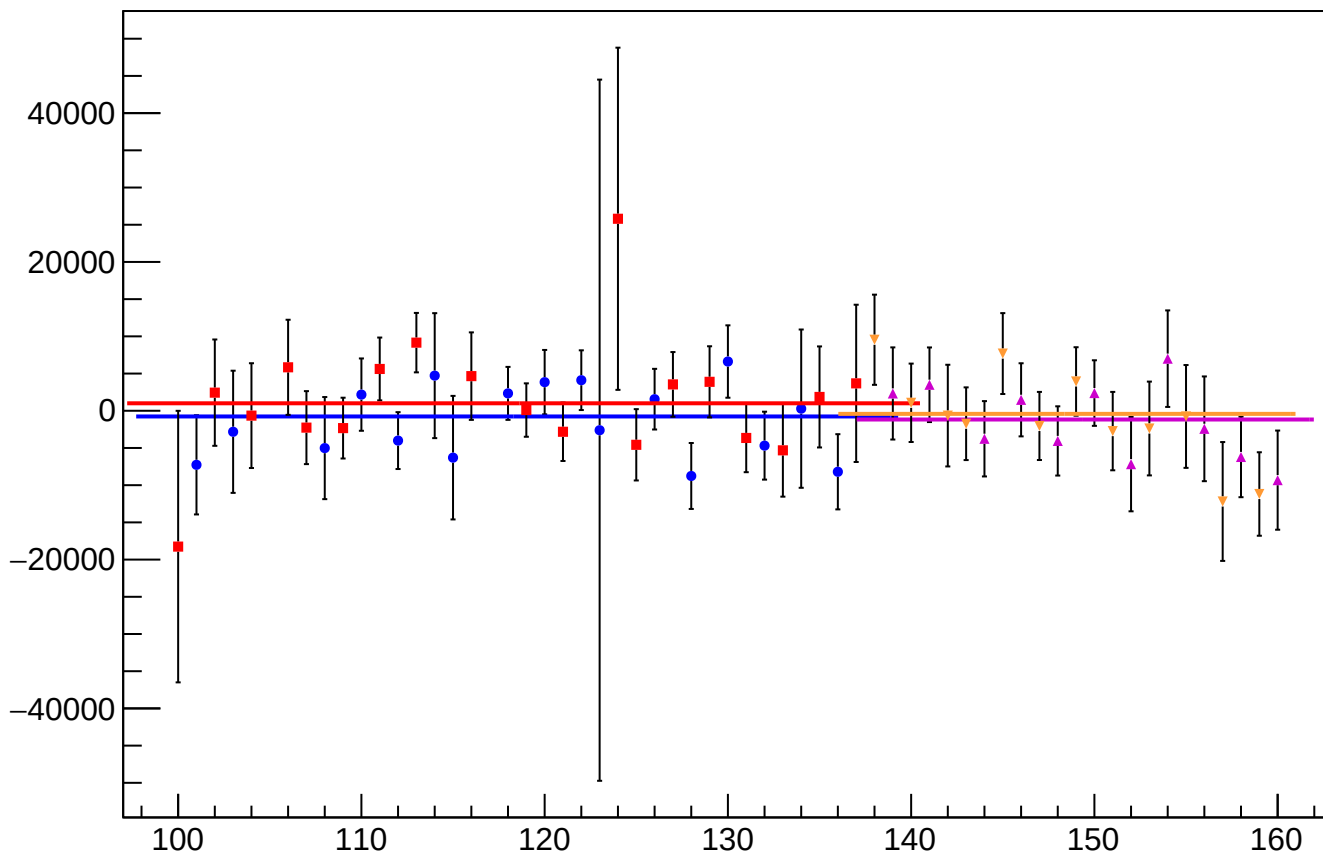
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1235.502+/-0.344 χ^2/NDF : 22808433.1/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_dd_mean vs Slug



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

Left Out: -416.867+/-1611.424 χ^2/NDF :12.3/11

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

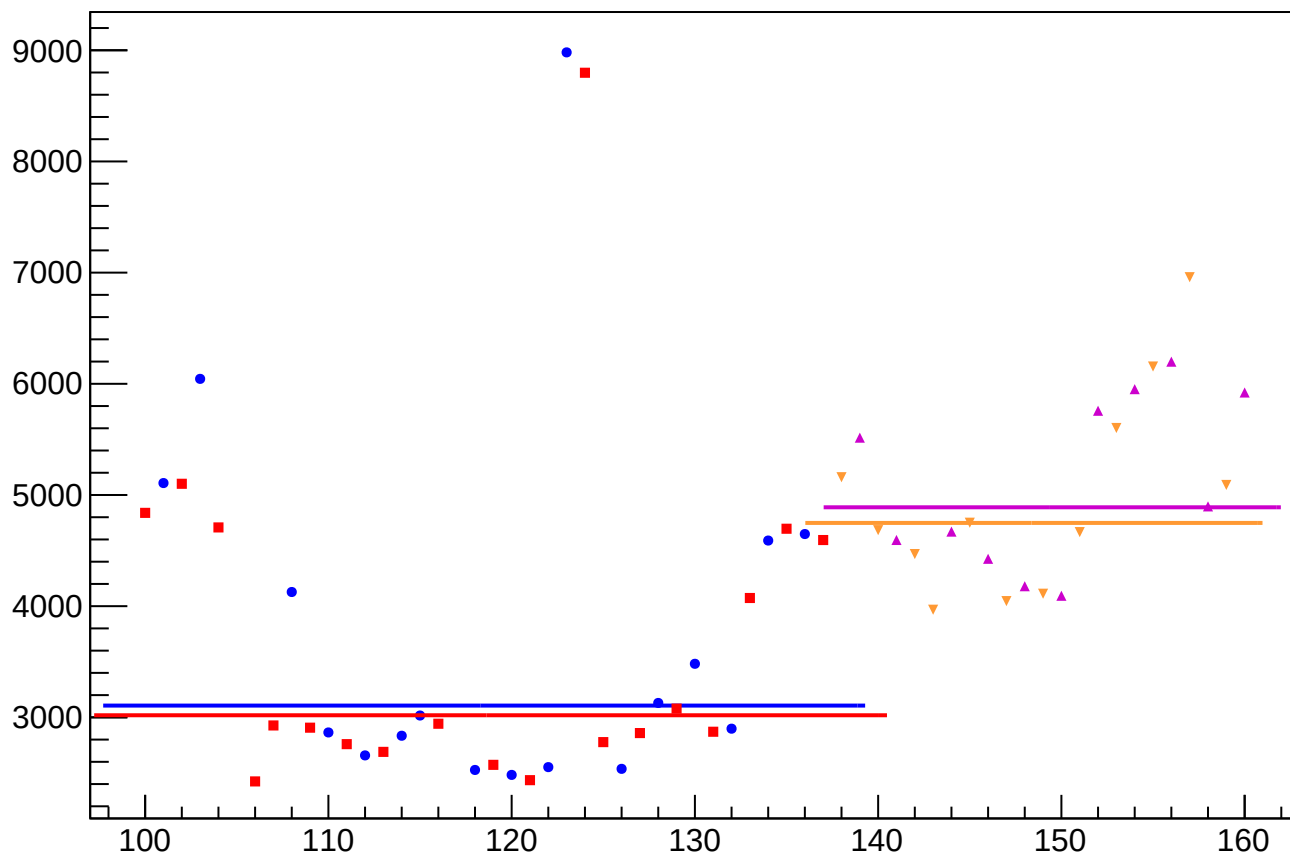
Left In: -1175.230+/-1644.798 χ^2/NDF :7.7/10

+ sign -634.583+/-986.545 χ^2/NDF : 27.8/28

All: -179.928+/-689.747 χ^2/NDF : 52.0/58

- 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: 4748.756+/-1.139 χ^2 /NDF:430218.0/11

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

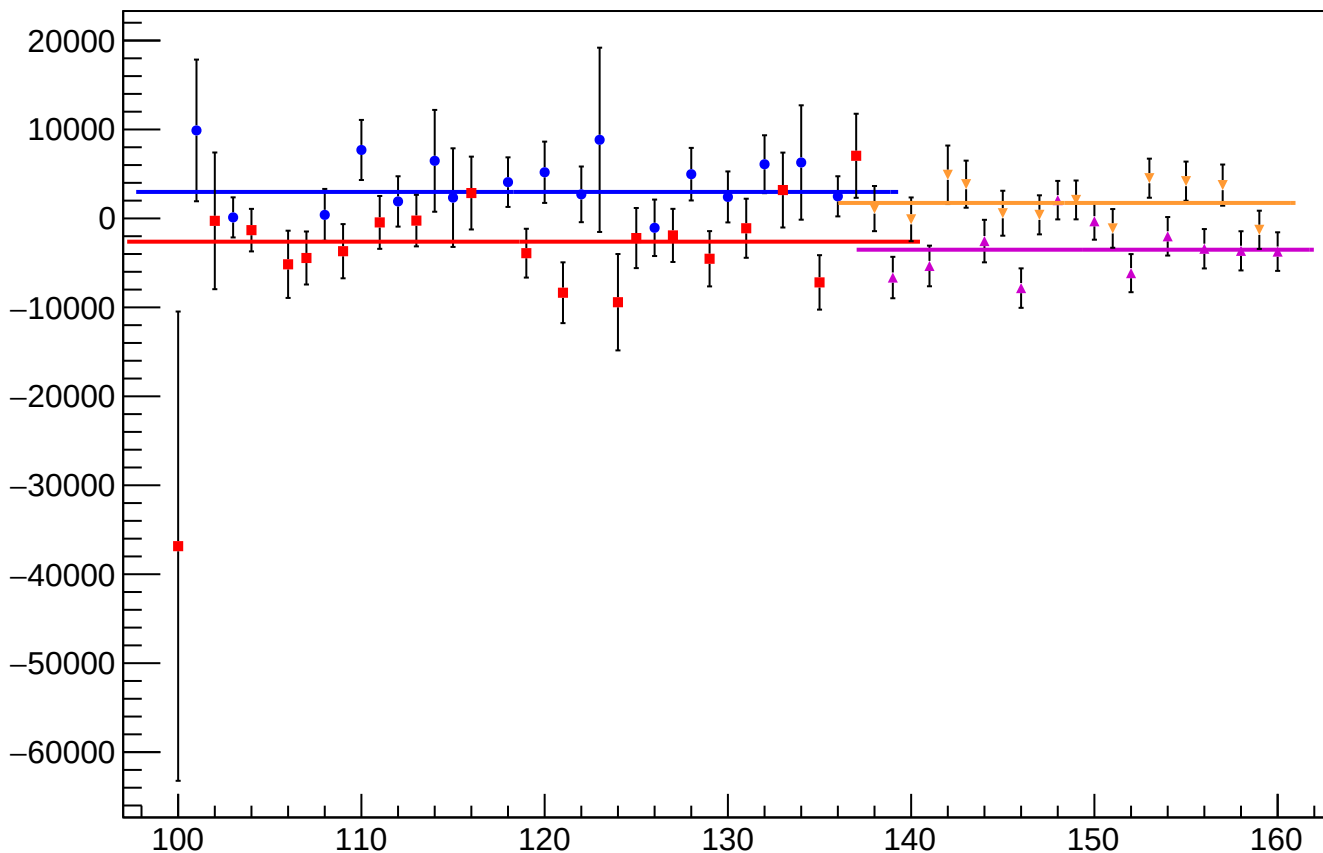
Left In: 4889.322+/-1.163 χ^2 /NDF:369164.9/10

+ sign 3721.627+/-0.698 χ^2 /NDF: 2689759.5/28

All: 3685.612+/-0.486 χ^2 /NDF: 5569756.2/58

- 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: 1741.807 $\pm$ 680.712 χ^2 /NDF:10.1/11

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

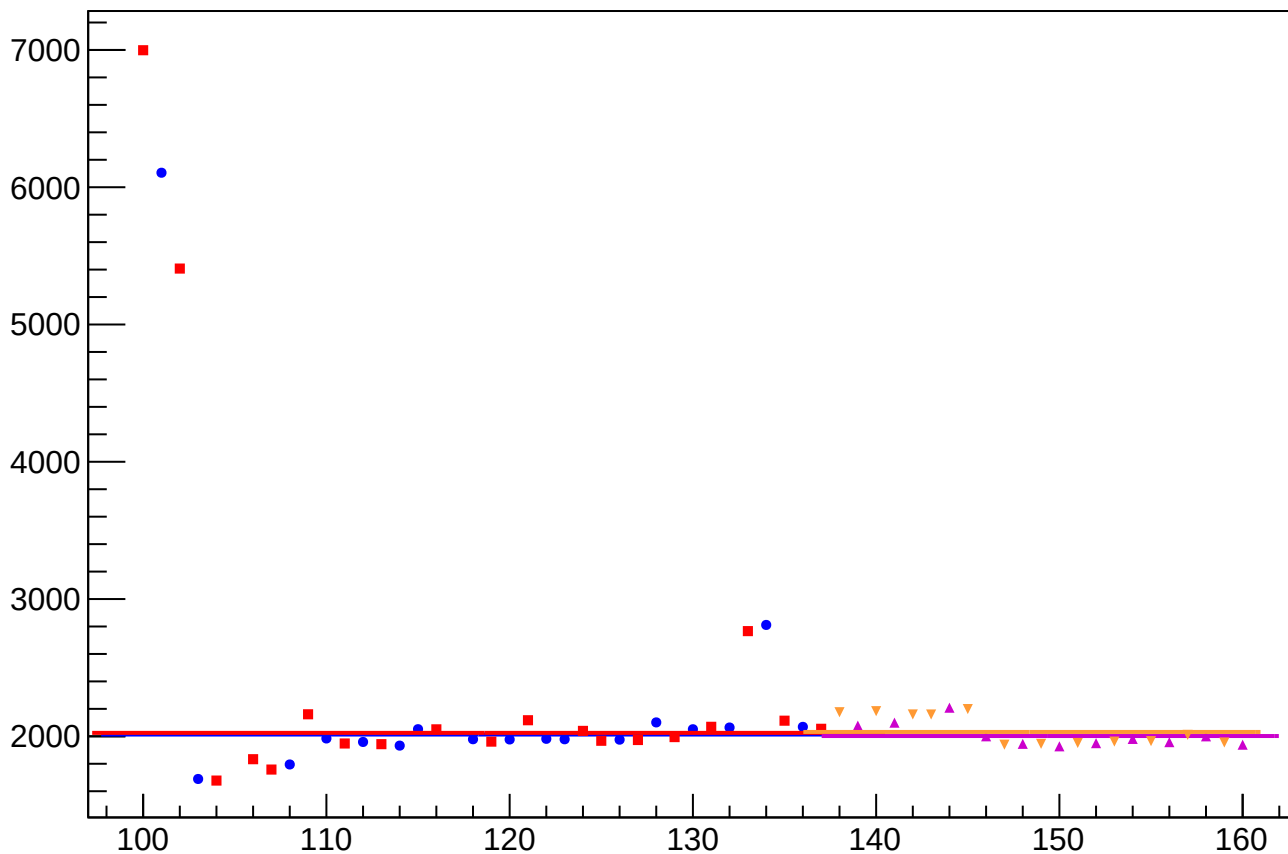
Left In: -3517.401 $\pm$ 665.987 χ^2 /NDF:17.4/10

+ sign 2264.622 $\pm$ 517.175 χ^2 /NDF: 21.3/28

All: -488.552 $\pm$ 362.179 χ^2 /NDF: 114.8/58

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

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2031.801 $\pm$ 0.481 χ^2 /NDF: 46359.7/11

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

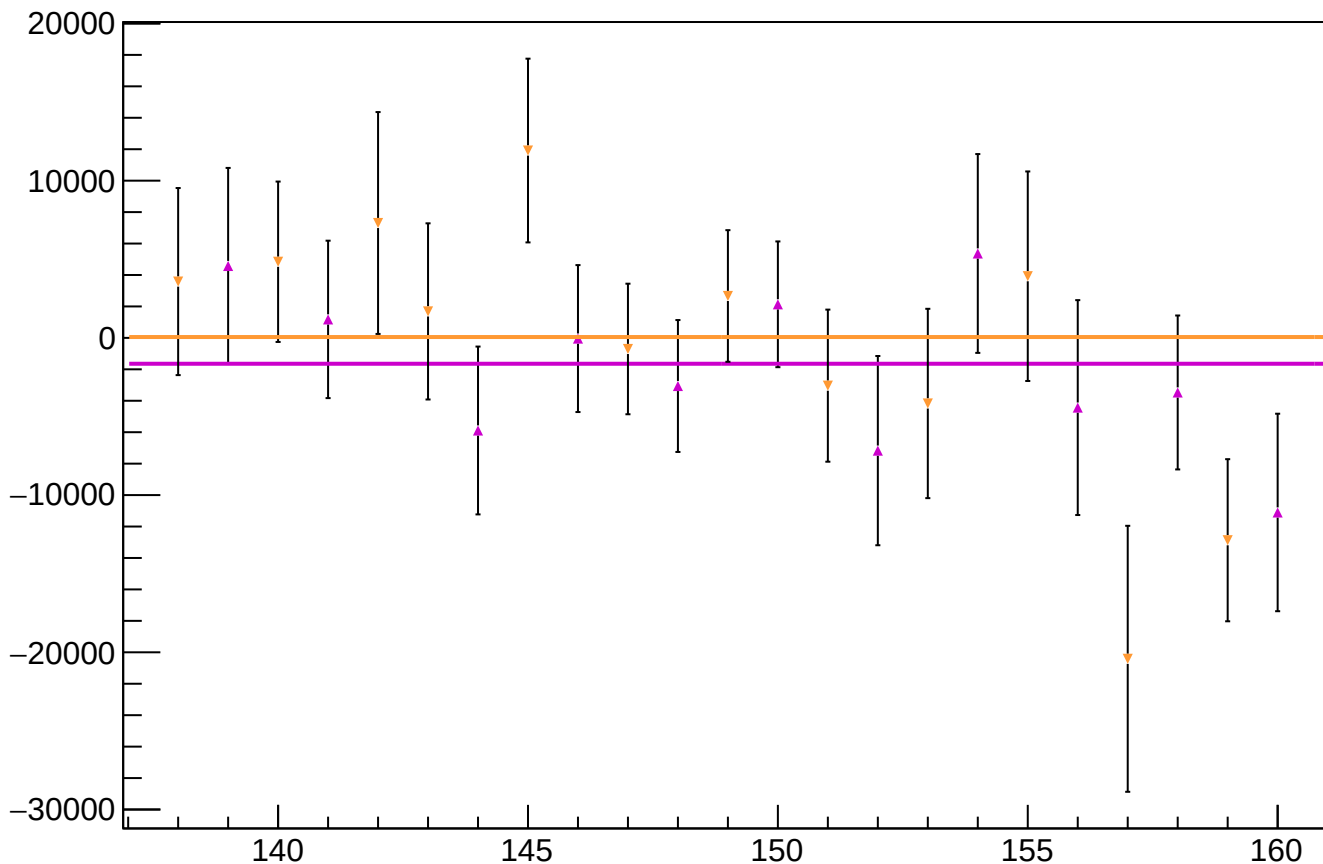
Left In: 2002.089 $\pm$ 0.471 χ^2 /NDF: 28520.6/10

+ sign 2023.829 $\pm$ 0.366 χ^2 /NDF: 664715.9/28

All: 2017.666 $\pm$ 0.256 χ^2 /NDF: 1292216.1/58

- sign 2011.736 $\pm$ 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: 53.245+/-1566.711 χ^2/NDF : 20.3/11

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

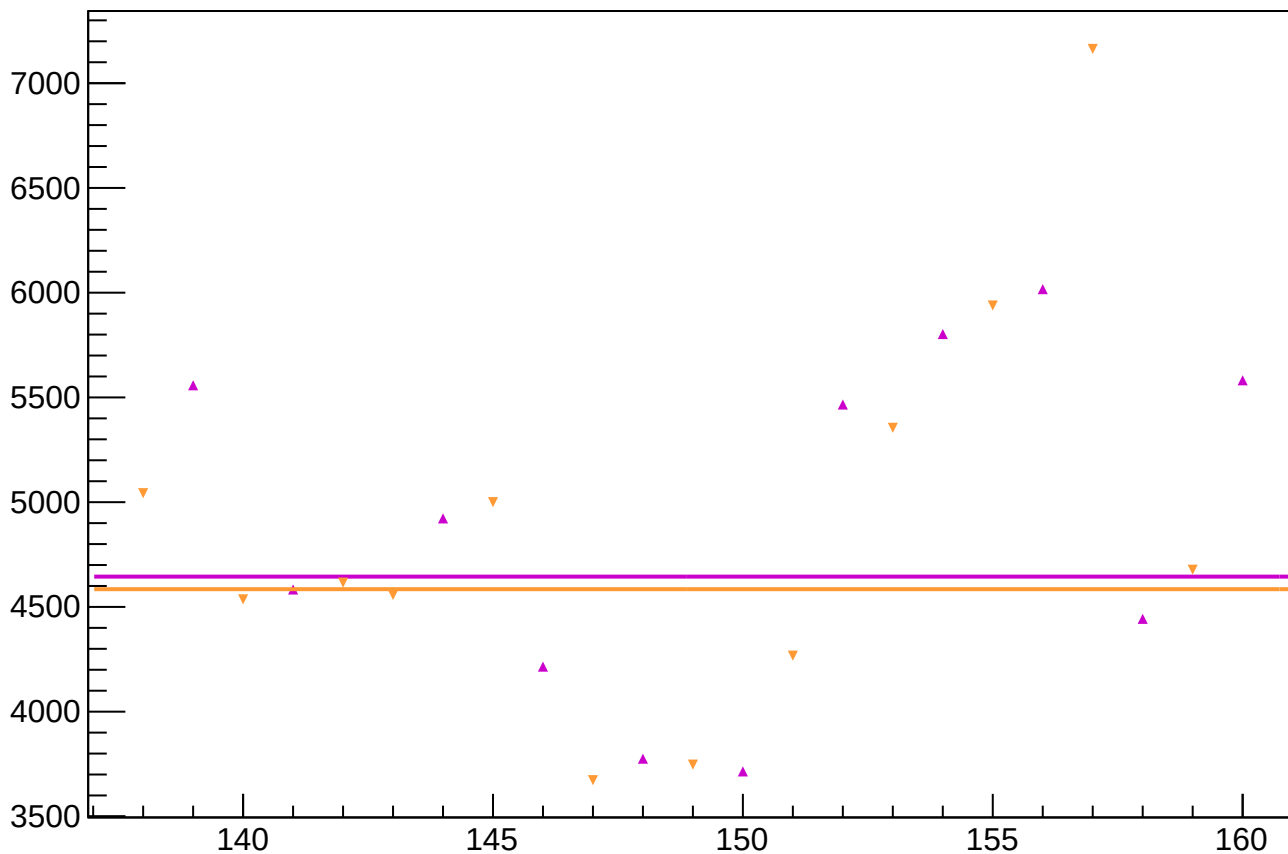
Left In: -1645.835+/-1567.642 χ^2/NDF : 7.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -795.790+/-1108.161 χ^2/NDF : 28.6/22

- 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: 4584.686+/-1.108 χ^2/NDF : 509157.9/11

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

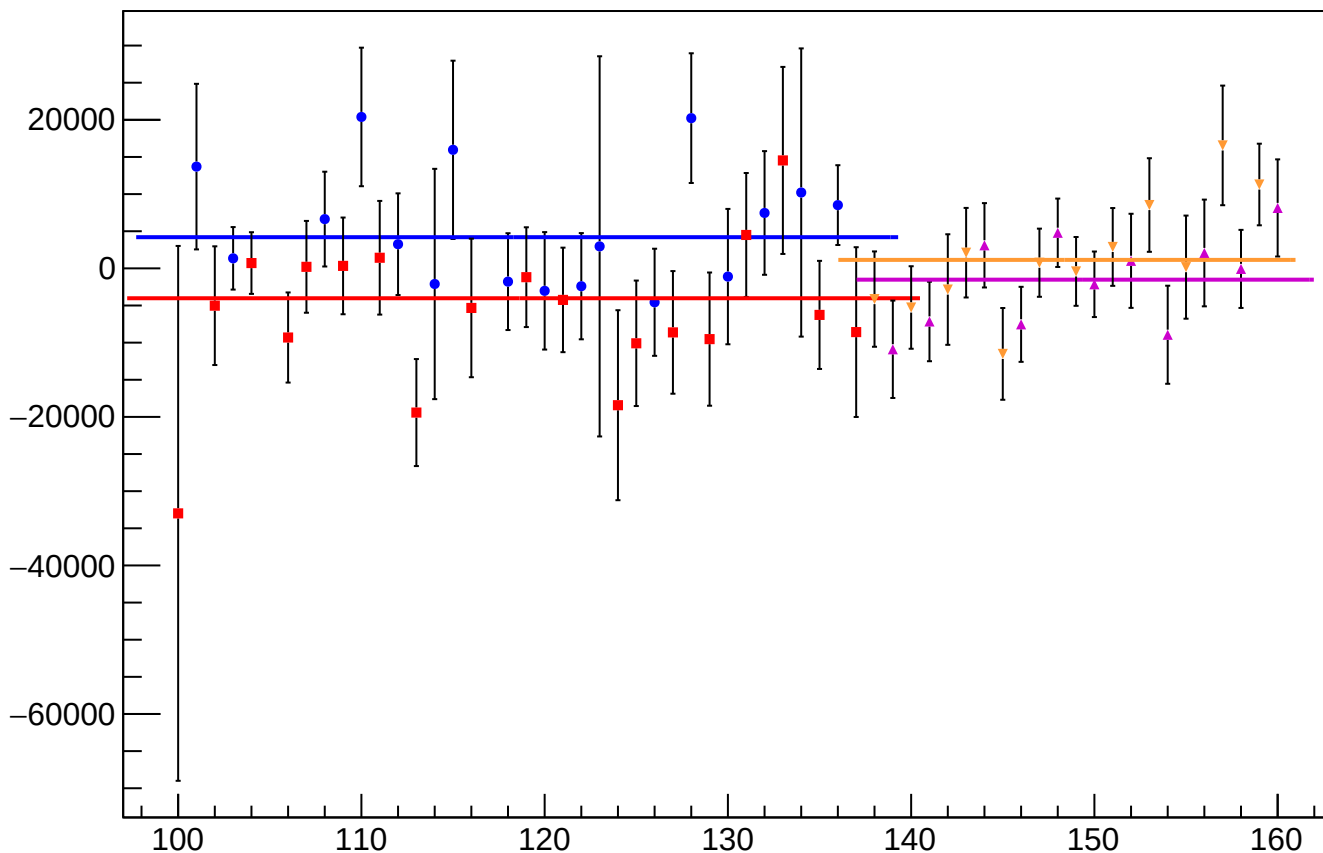
Left In: 4644.618+/-1.108 χ^2/NDF : 492346.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4614.634+/-0.784 χ^2/NDF : 1002966.8/22

- 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: 1141.663+/-1682.055 χ^2/NDF : 15.2/11

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

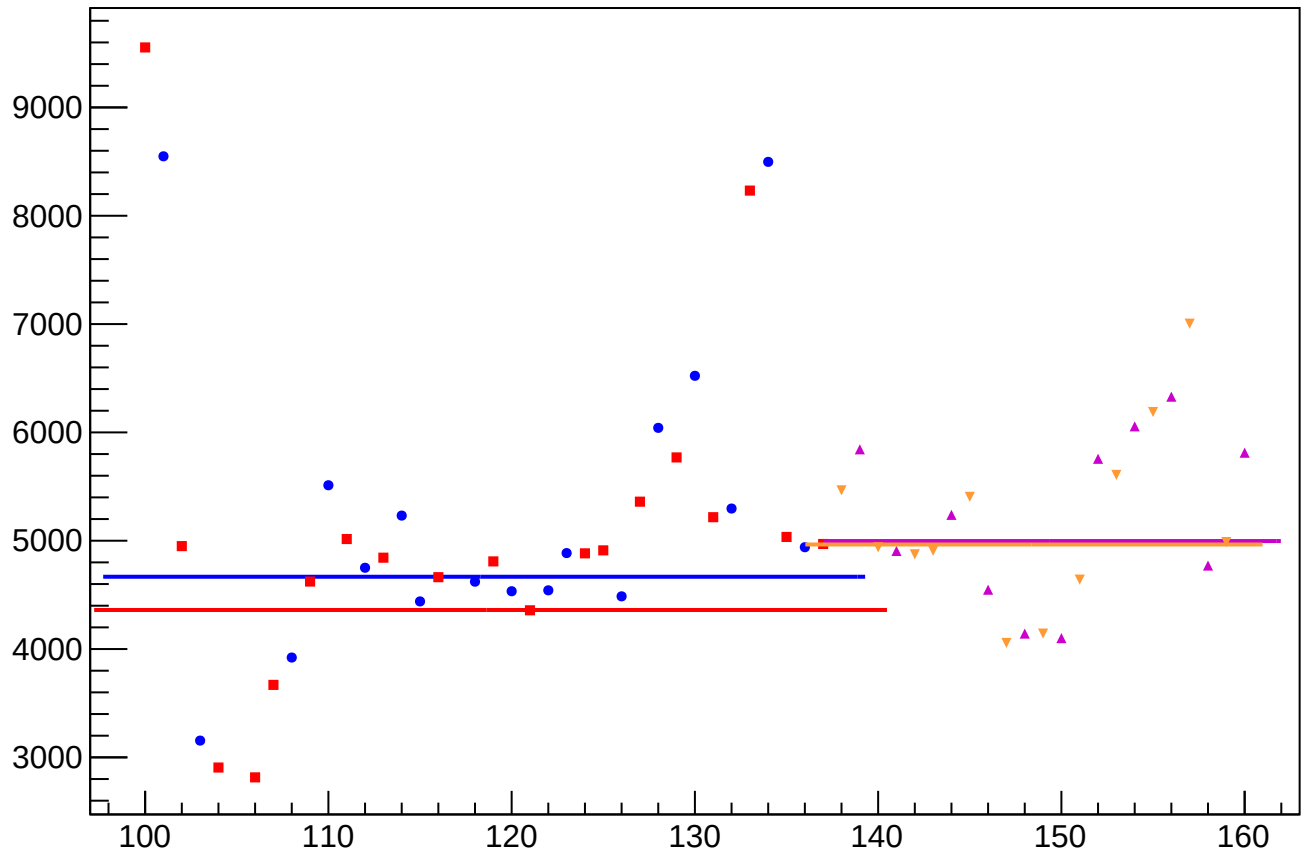
Left In: -1521.365+/-1681.557 χ^2/NDF : 11.1/10

+ sign 2518.809+/-1246.908 χ^2/NDF : 30.8/28

All: -202.512+/-866.192 χ^2/NDF : 67.0/58

- 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: 4965.223+/-1.189 χ^2/NDF : 383044.6/11

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

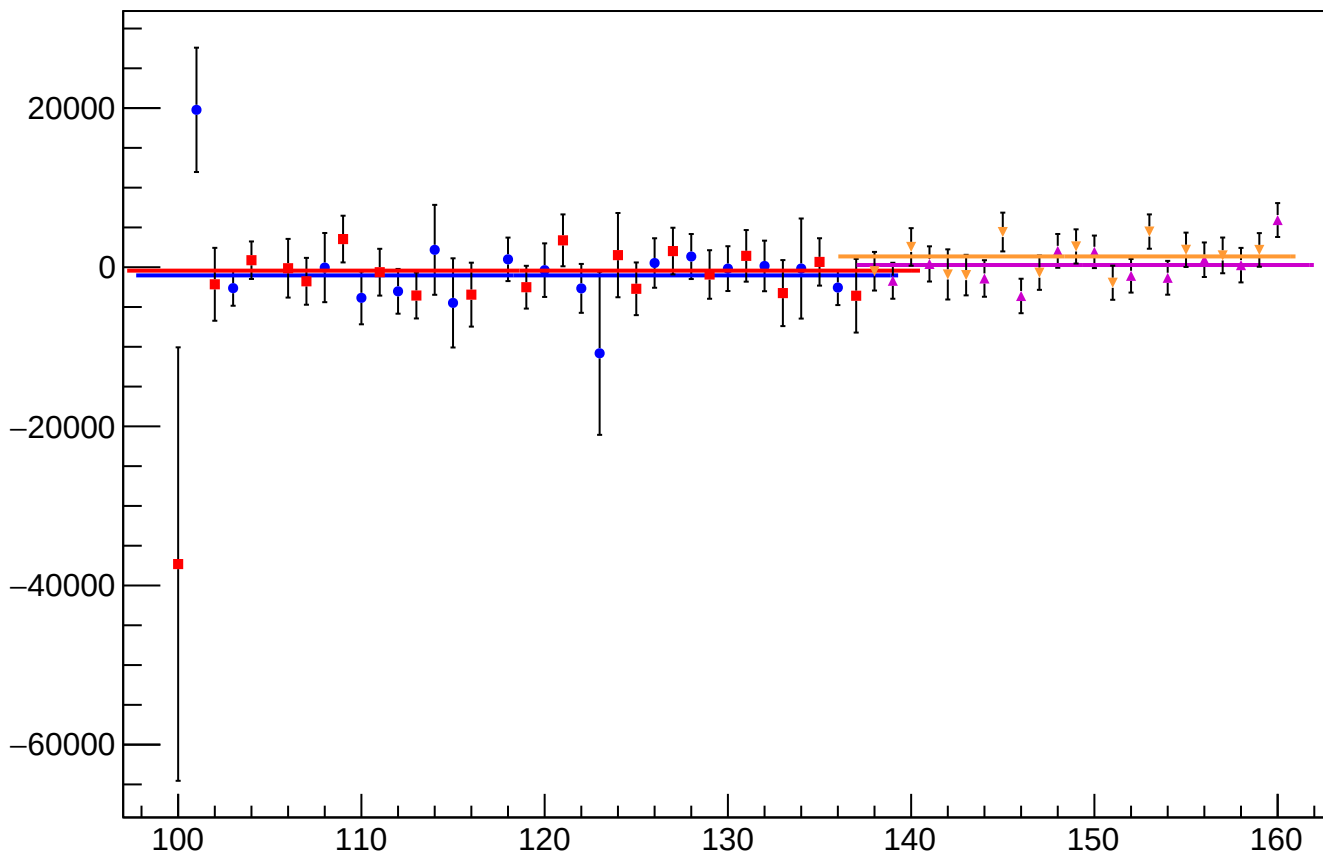
Left In: 4997.021+/-1.189 χ^2/NDF : 388518.1/10

+ sign 4831.093+/-0.882 χ^2/NDF : 1189133.9/28

All: 4755.350+/-0.612 χ^2/NDF : 2565029.8/58

- 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: 1356.304+/-663.280 χ^2/NDF : 9.8/11

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

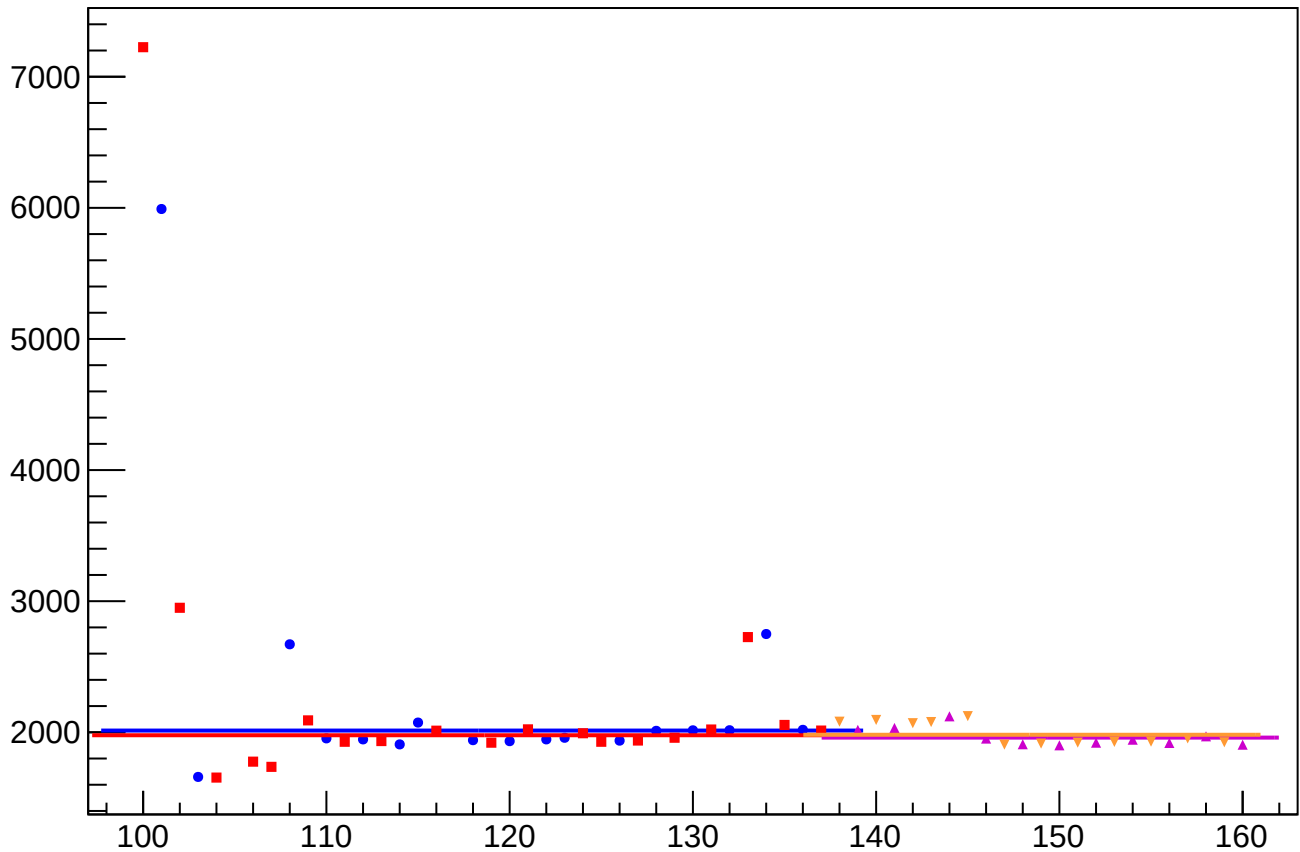
Left In: 278.700+/-651.620 χ^2/NDF : 14.0/10

+ sign 380.476+/-509.719 χ^2/NDF : 28.1/28

All: 174.055+/-355.074 χ^2/NDF : 53.7/58

- 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: 1981.135+/-0.469 χ^2/NDF : 29410.8/11

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

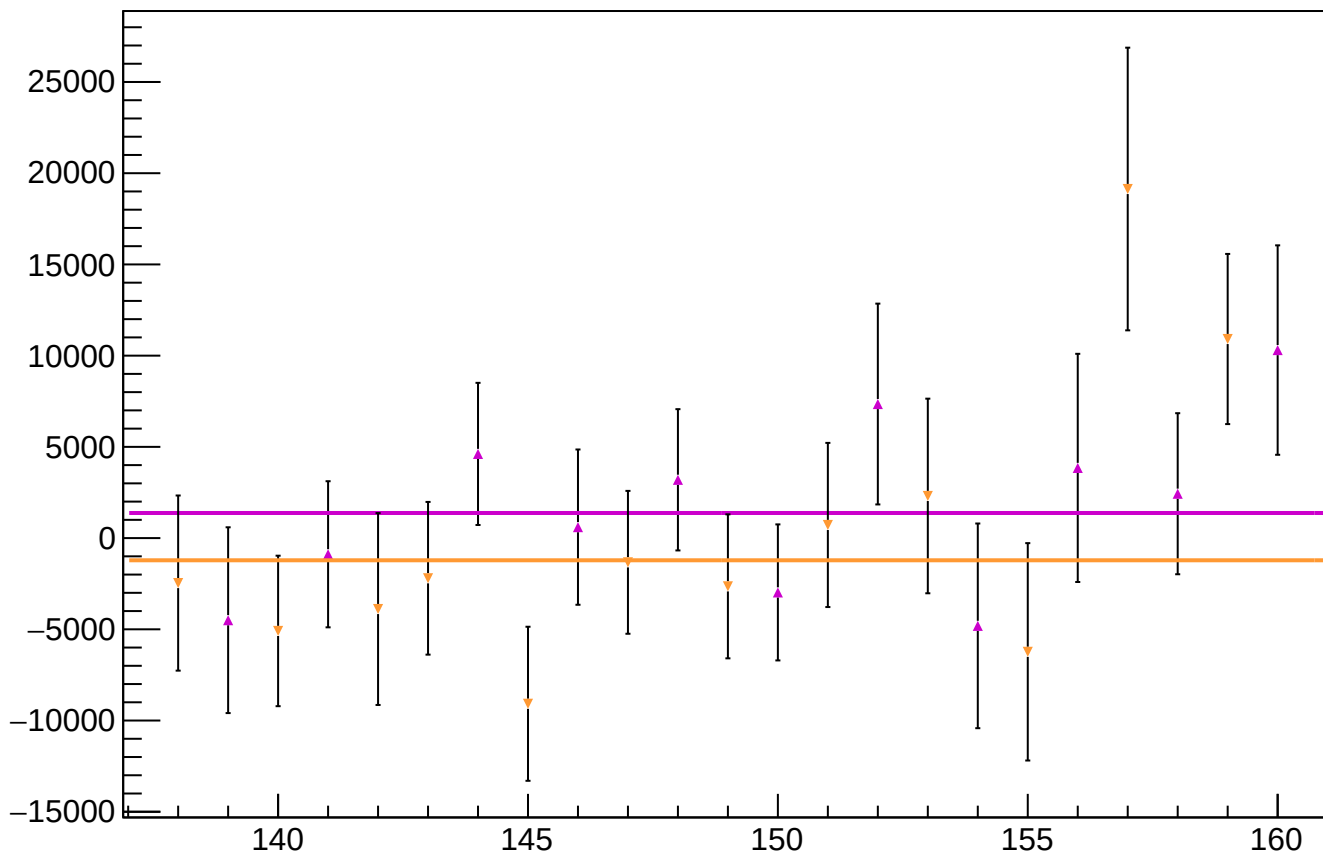
Left In: 1959.506+/-0.461 χ^2/NDF : 19200.6/10

+ sign 1994.292+/-0.360 χ^2/NDF : 681381.5/28

All: 1980.314+/-0.251 χ^2/NDF : 999051.3/58

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

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1216.636+/-1340.653 χ^2/NDF : 19.9/11

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

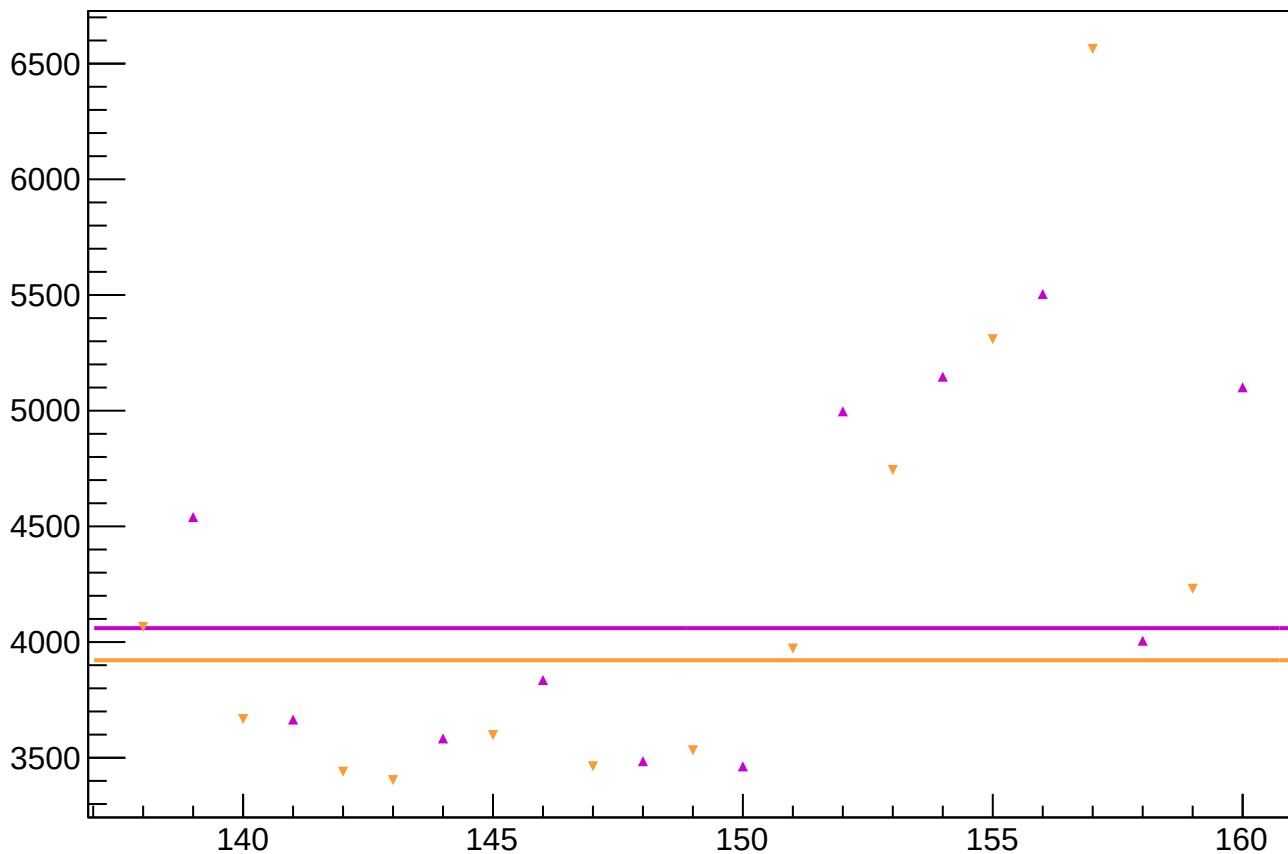
Left In: 1375.810+/-1370.056 χ^2/NDF : 9.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.469+/-958.211 χ^2/NDF : 30.7/22

- 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: 3921.343+/-0.948 χ^2/NDF : 513100.2/11

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

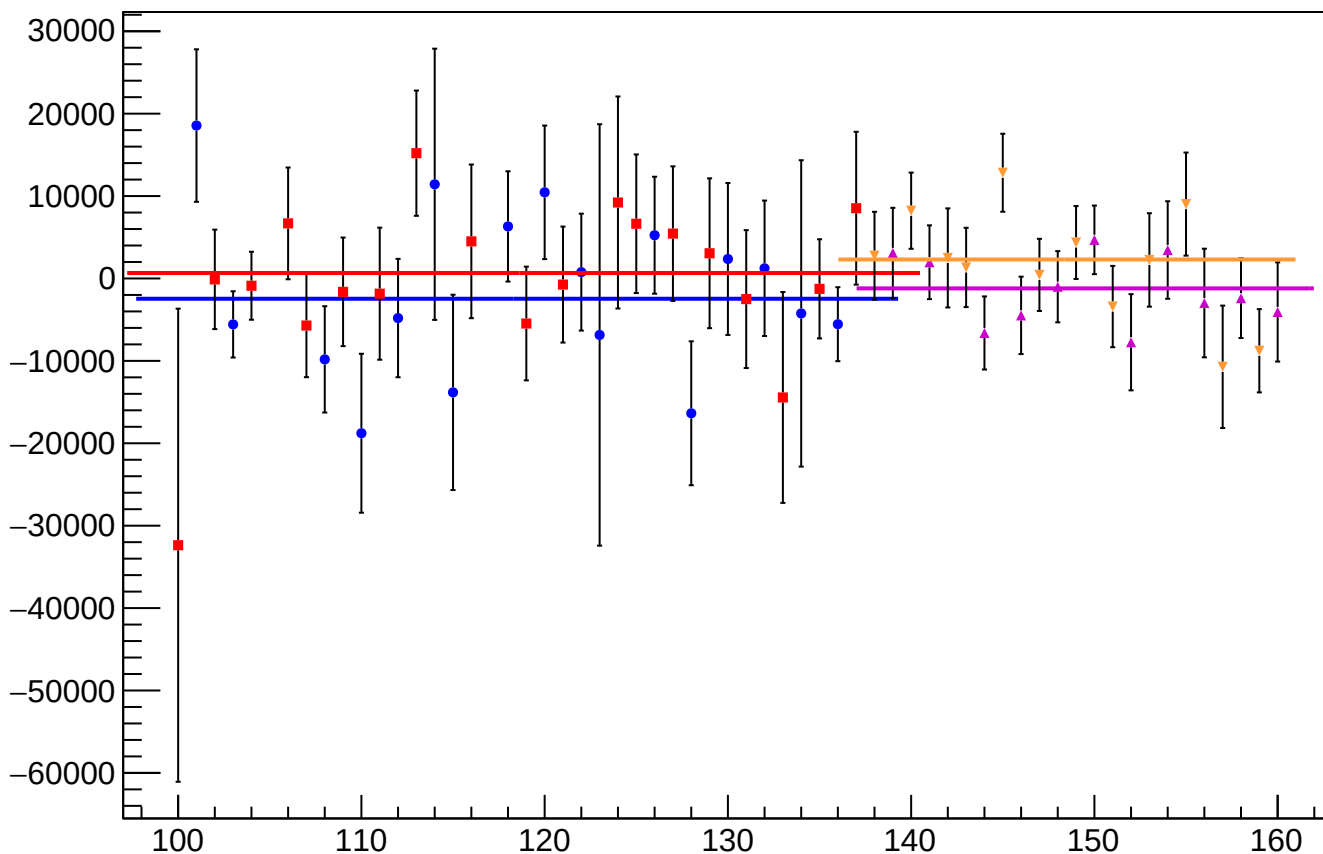
Left In: 4060.251+/-0.969 χ^2/NDF : 474057.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3989.291+/-0.678 χ^2/NDF : 997660.0/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 2301.604 ± 1481.335 χ^2/NDF : 17.4/11

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

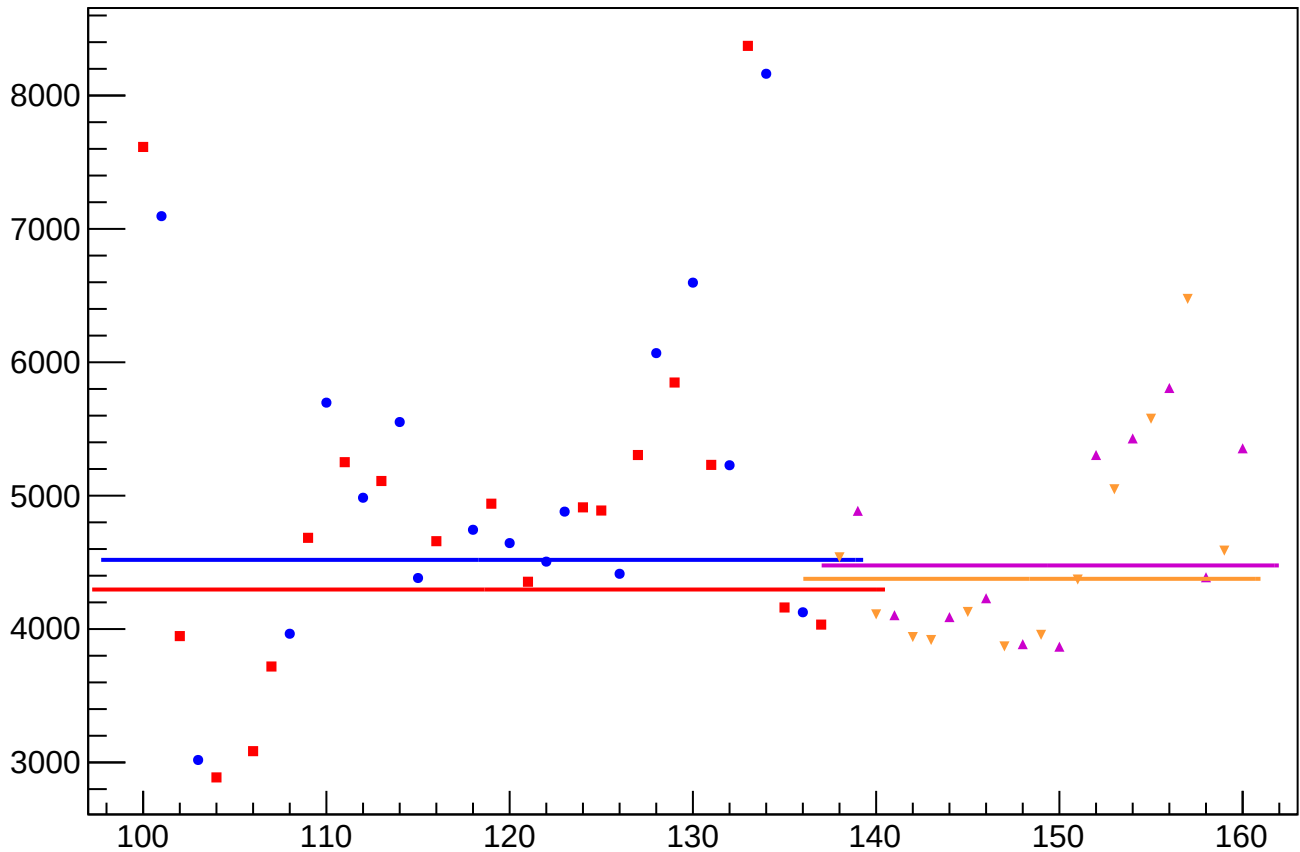
Left In: -1205.002 ± 1504.148 χ^2/NDF : 7.3/10

+ sign 374.539 ± 1143.109 χ^2/NDF : 42.4/28

All: -8.141 ± 801.286 χ^2/NDF : 62.5/58

- sign -377.820 ± 1123.523 χ^2/NDF : 19.9/29

asym_atr_dd_rms vs Slug



Right In: 4518.684 ± 1.271 $\chi^2/\text{NDF}: 770226.9/16$

Left Out: 4376.590 ± 1.047 $\chi^2/\text{NDF}: 352328.7/11$

Right Out: 4296.379 ± 1.188 $\chi^2/\text{NDF}: 771702.5/18$

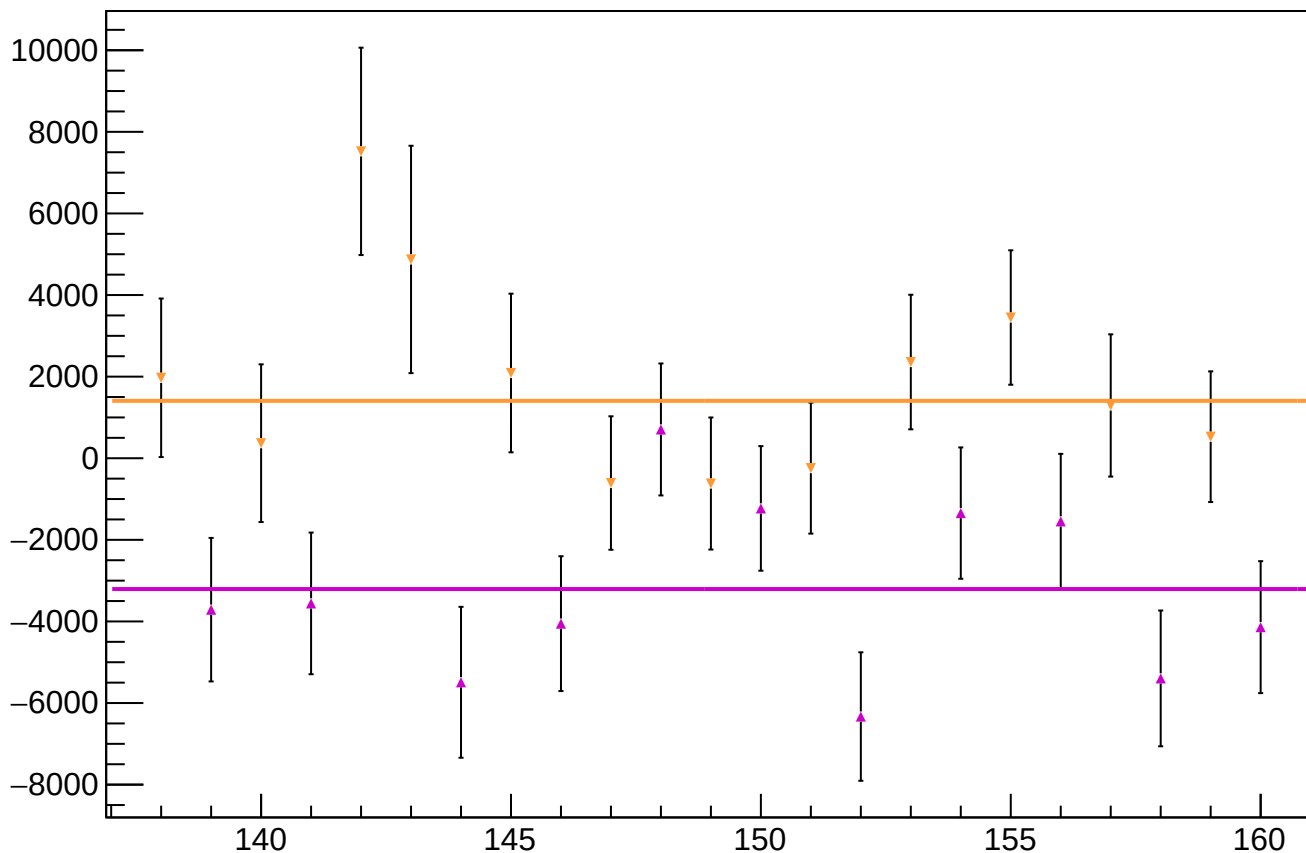
Left In: 4476.885 ± 1.064 $\chi^2/\text{NDF}: 342619.3/10$

+ sign 4434.070 ± 0.808 $\chi^2/\text{NDF}: 1129999.6/28$

All: 4414.962 ± 0.566 $\chi^2/\text{NDF}: 2258229.2/58$

- sign 4396.594 ± 0.792 $\chi^2/\text{NDF}: 1127133.5/29$

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1407.082+/-521.326 χ^2/NDF :14.1/11

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

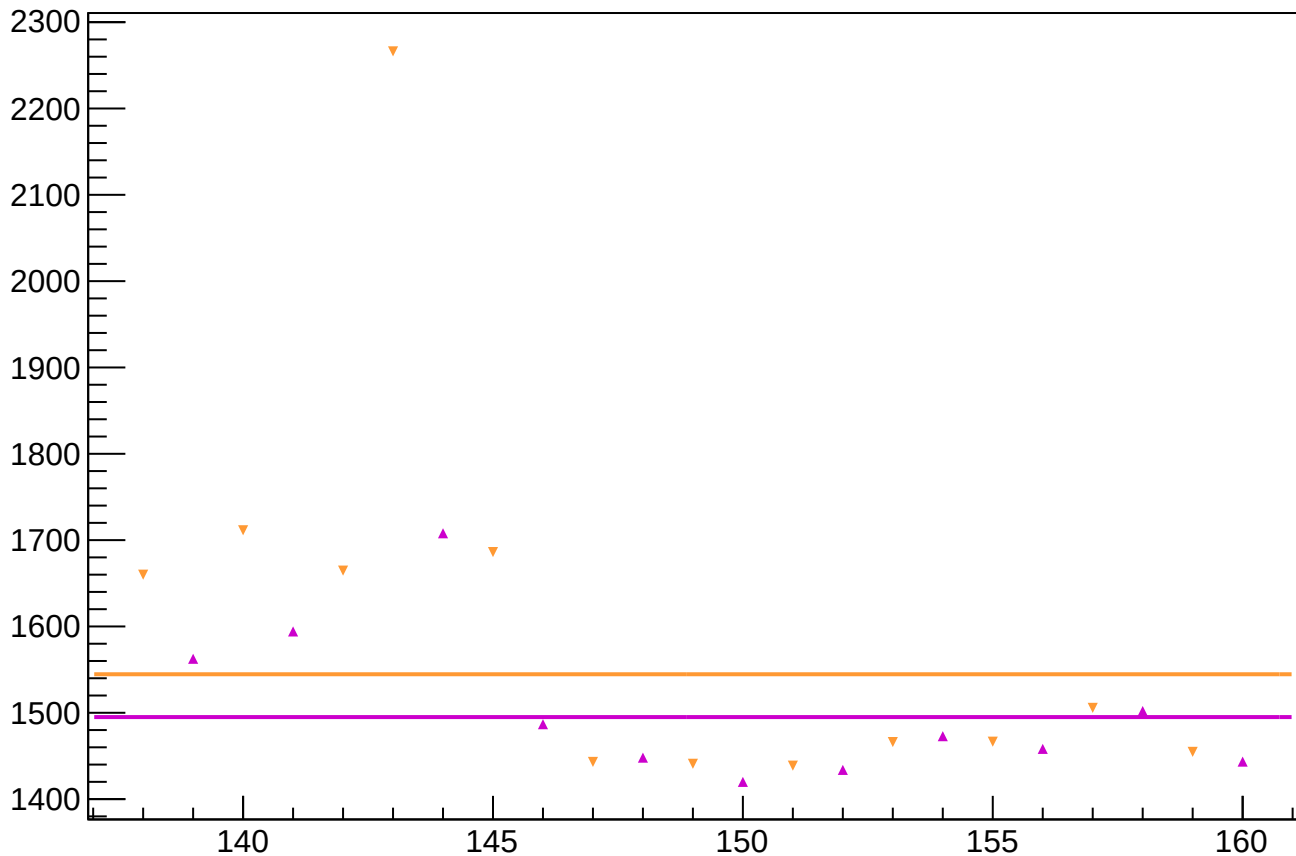
Left In: -3206.022+/-498.546 χ^2/NDF :17.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1002.457+/-360.309 χ^2/NDF : 72.8/22

- 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: 1544.631+/-0.369 χ^2/NDF :212054.6/11

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

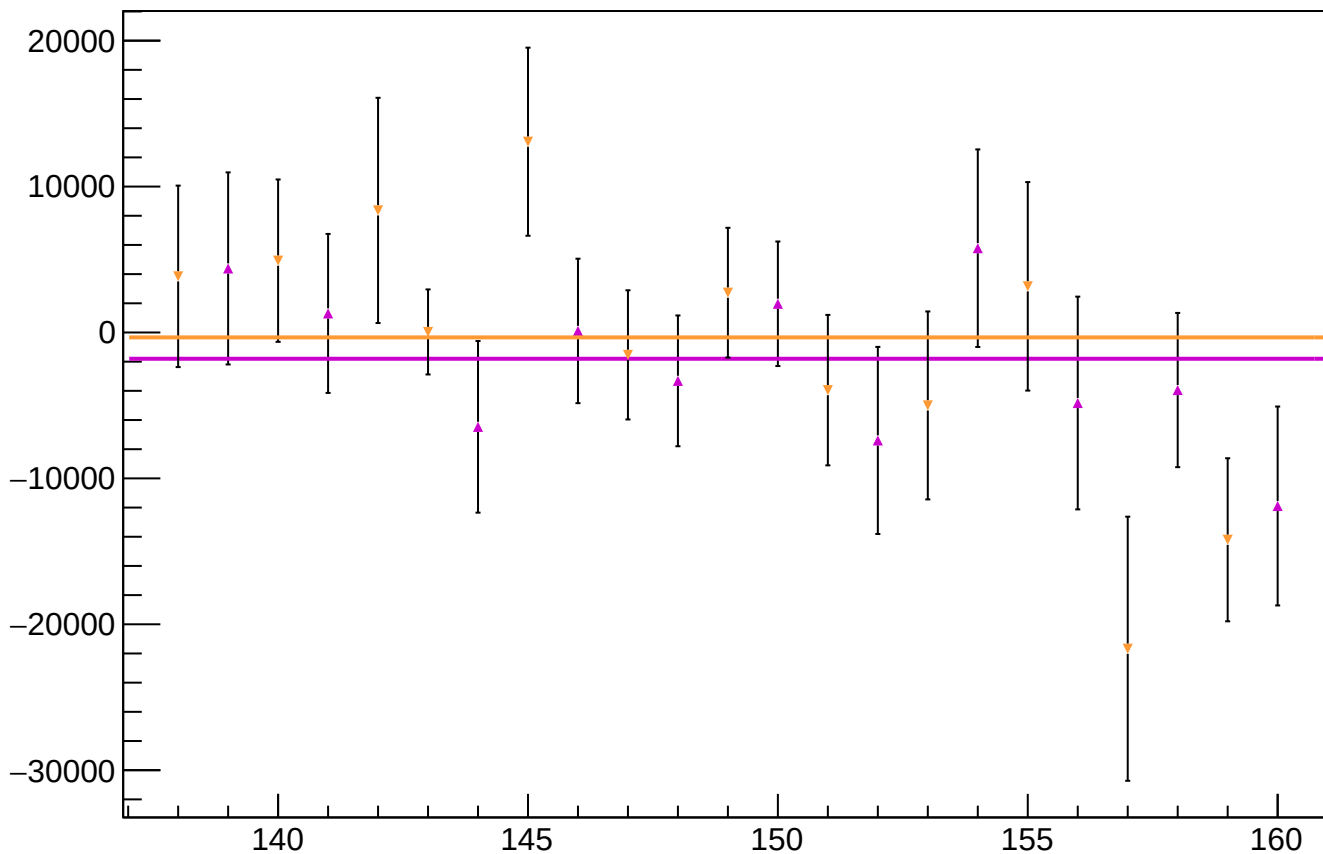
Left In: 1495.027+/-0.353 χ^2/NDF :49018.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1518.722+/-0.255 χ^2/NDF : 270530.6/22

- 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: -336.129+/-1500.968 χ^2/NDF :20.5/11

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

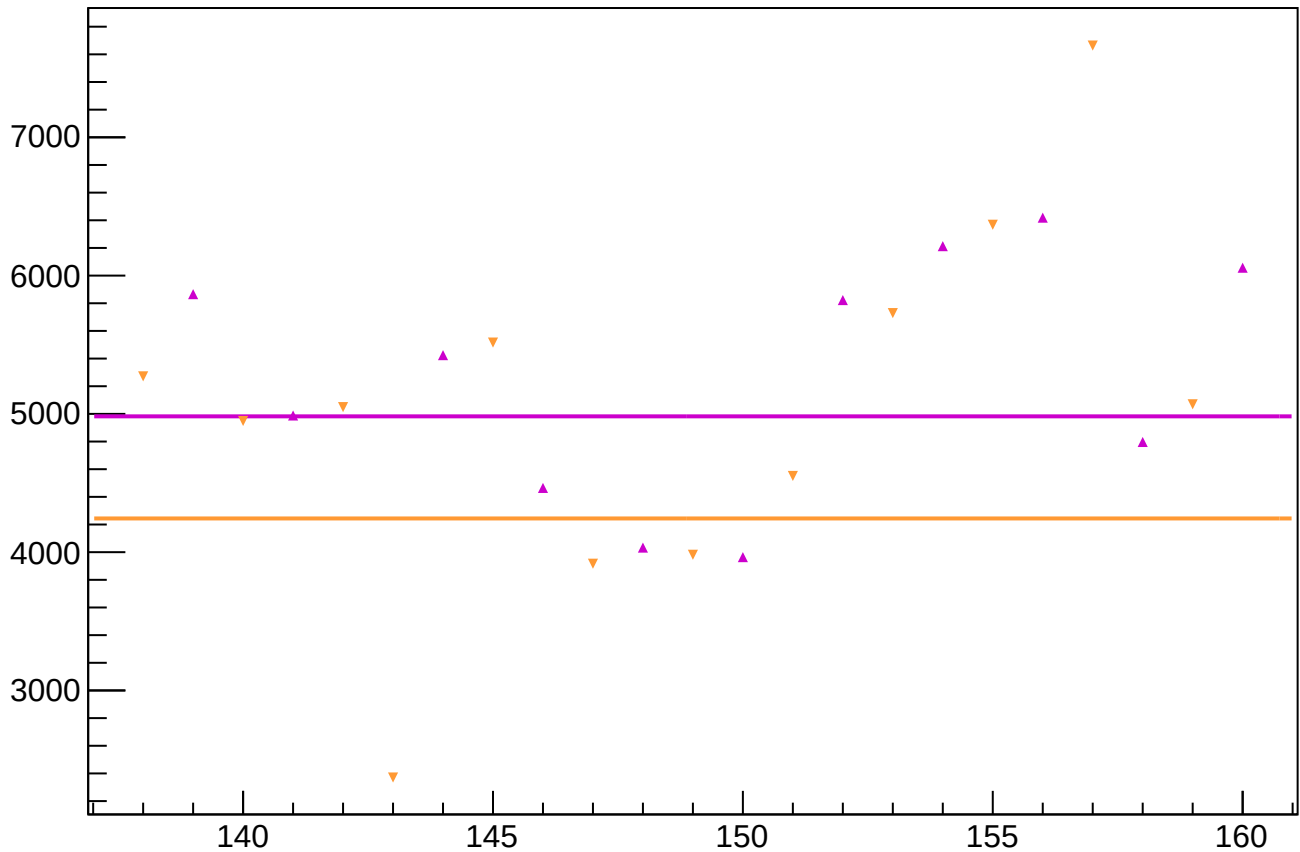
Left In: -1800.649+/-1682.056 χ^2/NDF :7.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -985.338+/-1119.915 χ^2/NDF : 28.3/22

- 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: 4243.839+/-1.061 χ^2/NDF :1649981.9/11

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

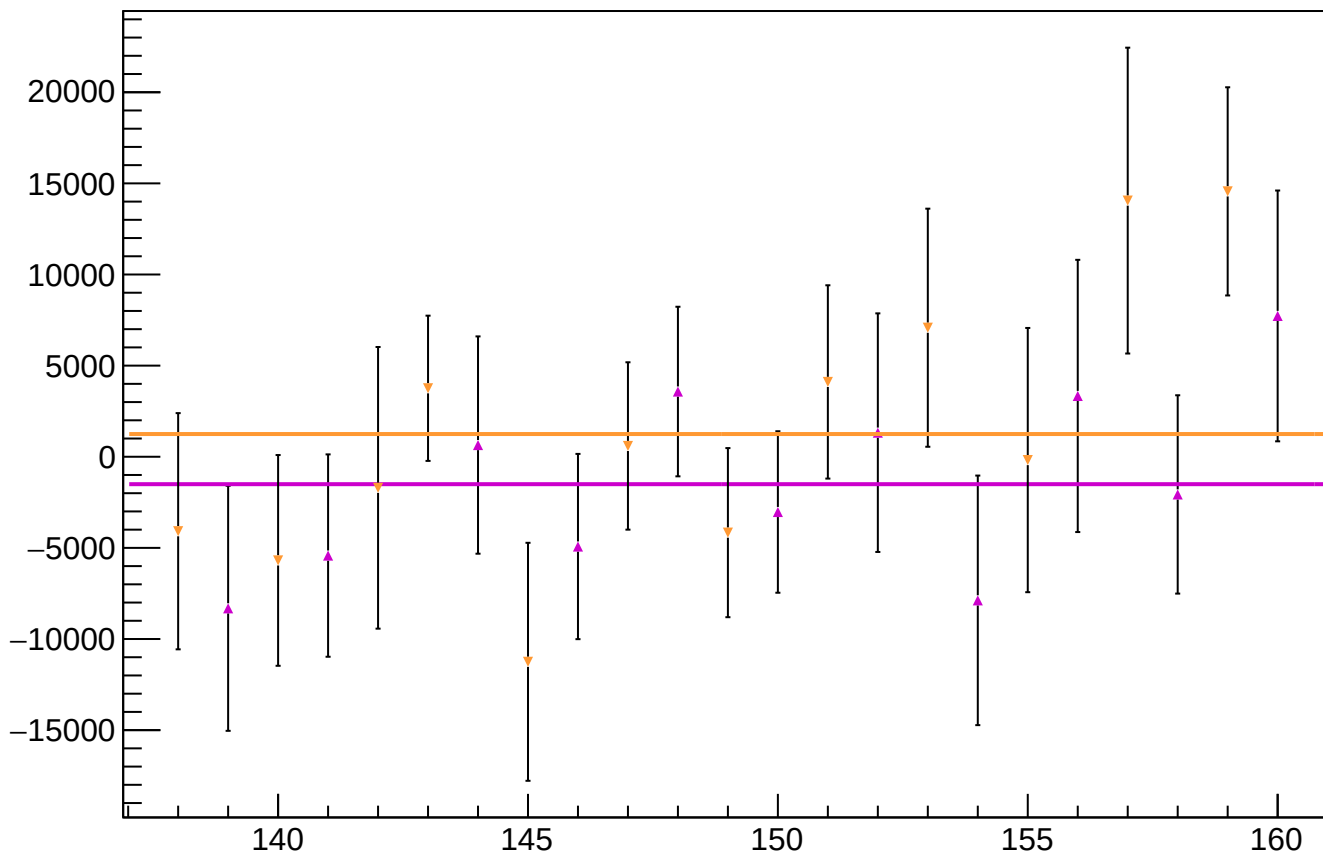
Left In: 4982.199+/-1.189 χ^2/NDF :503080.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4571.148+/-0.792 χ^2/NDF : 2367605.4/22

- 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: 1246.521+/-1635.866 χ^2/NDF :16.6/11

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

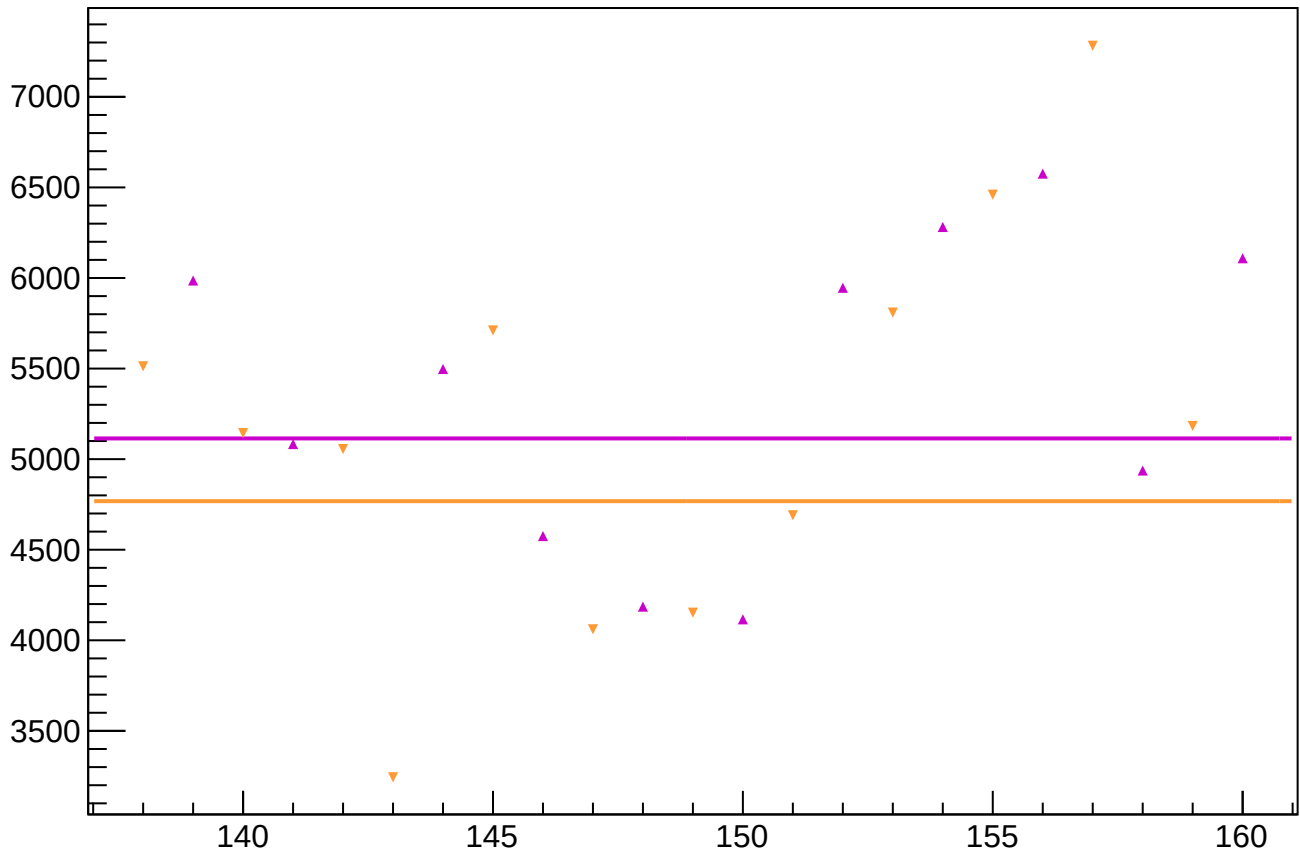
Left In: -1504.707+/-1724.972 χ^2/NDF :6.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.201+/-1186.984 χ^2/NDF : 24.6/22

- 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: 4768.058+/-1.157 χ^2/NDF : 804971.4/11

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

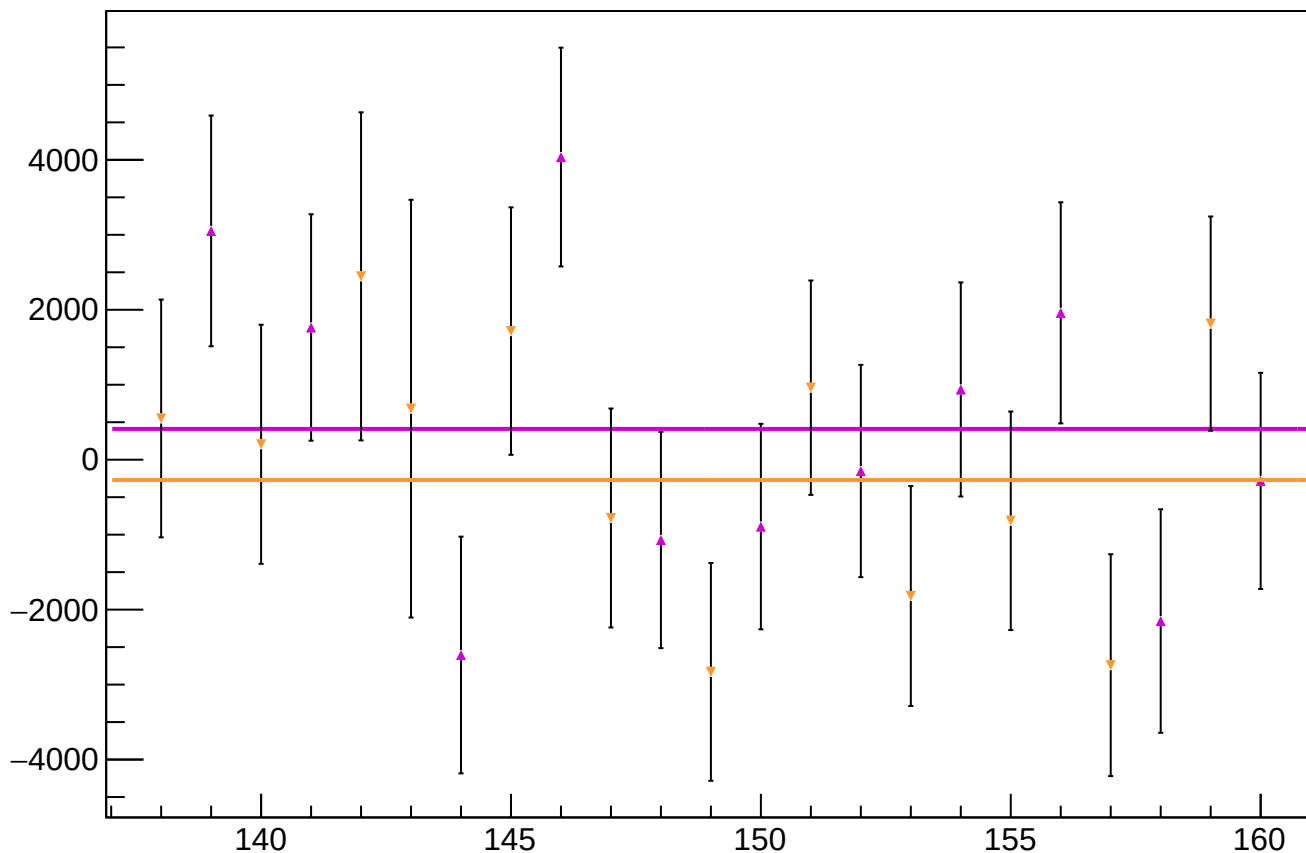
Left In: 5114.341+/-1.220 χ^2/NDF : 456694.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4932.025+/-0.839 χ^2/NDF : 1304100.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -270.437+/-456.026 χ^2/NDF :13.6/11

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

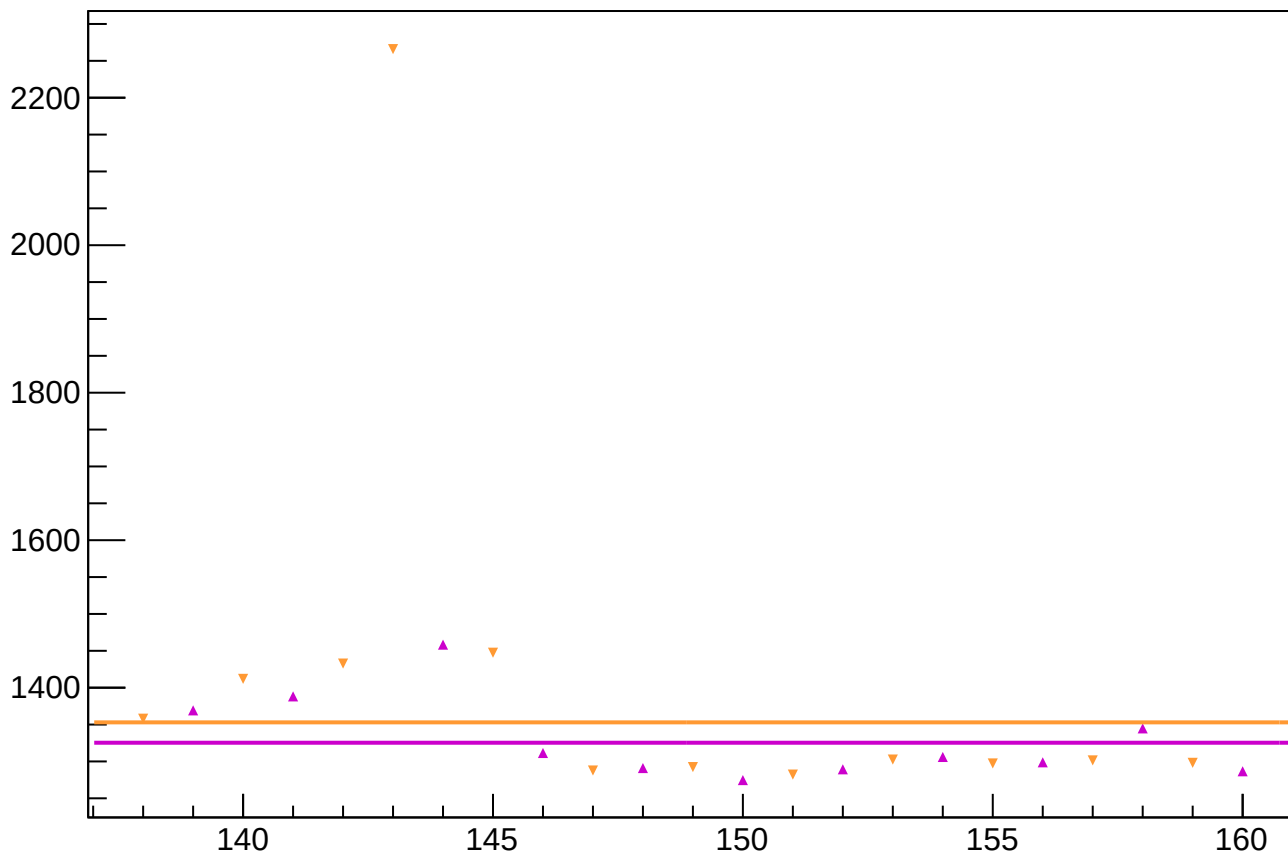
Left In: 410.791+/-441.777 χ^2/NDF :20.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.986+/-317.301 χ^2/NDF : 34.9/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1352.981+/-0.322 χ^2/NDF : 249694.9/11

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

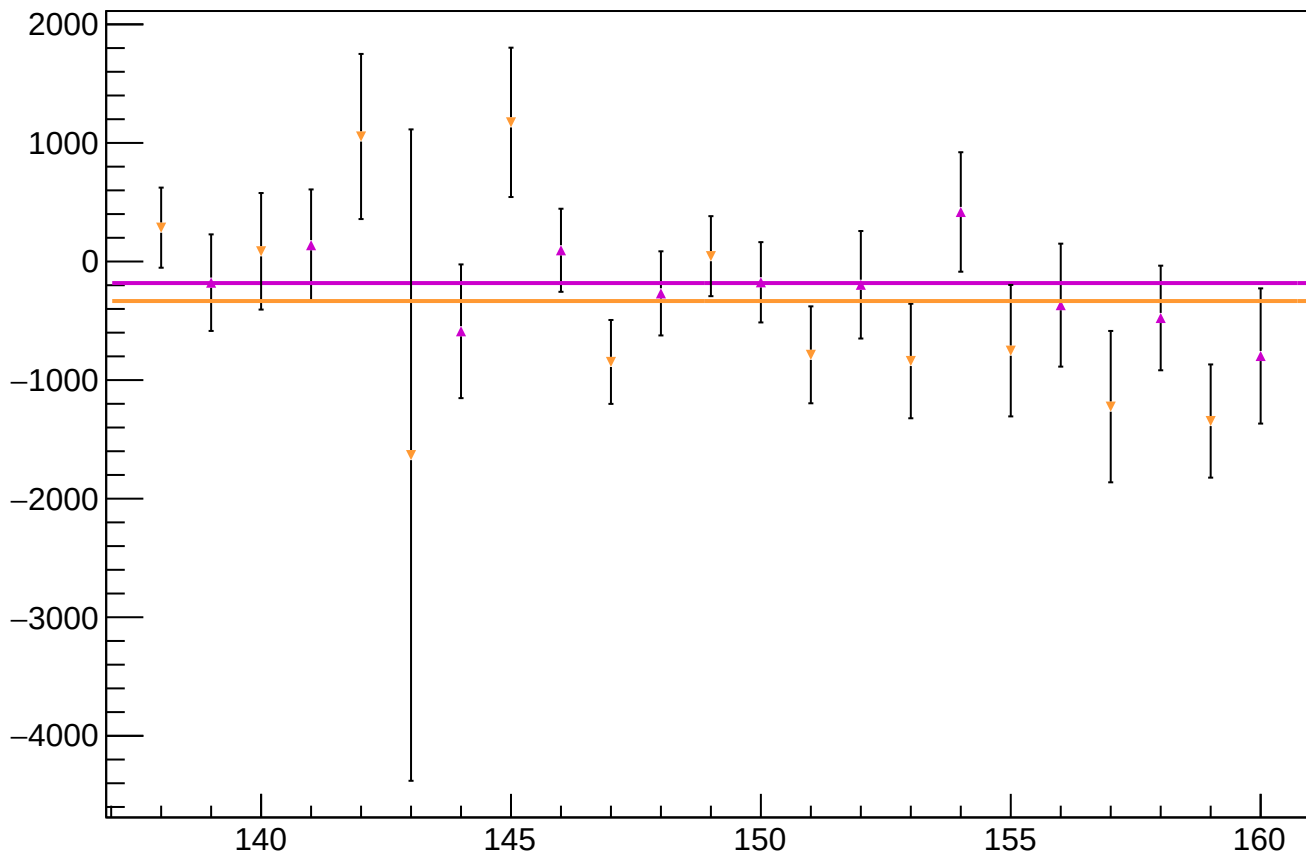
Left In: 1325.360+/-0.312 χ^2/NDF : 27421.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.732+/-0.224 χ^2/NDF : 280901.0/22

- 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: -333.403+/-135.135 χ^2/NDF : 26.7/11

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

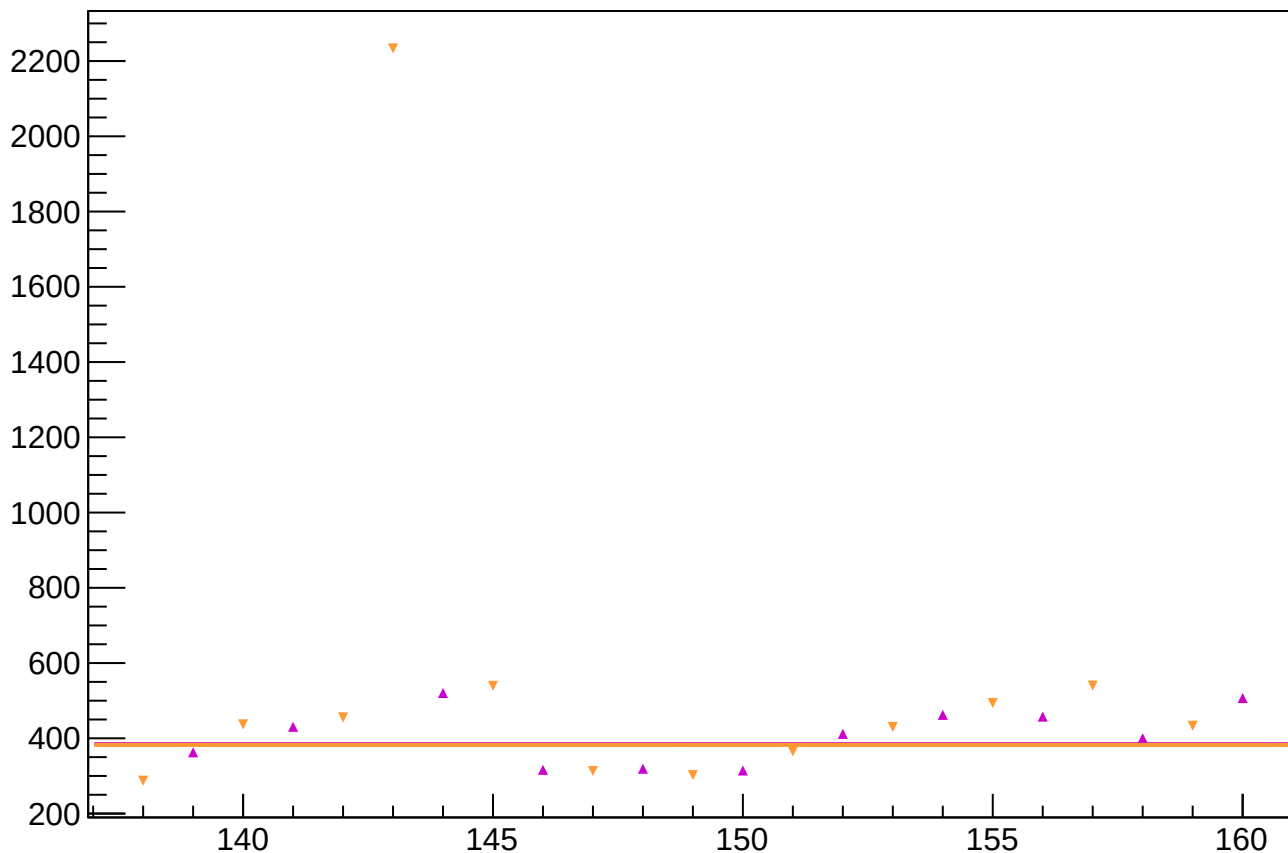
Left In: -181.787+/-129.909 χ^2/NDF : 4.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.607+/-93.652 χ^2/NDF : 32.2/22

- 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: 382.479+/-0.096 χ^2/NDF :1676637.9/11

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

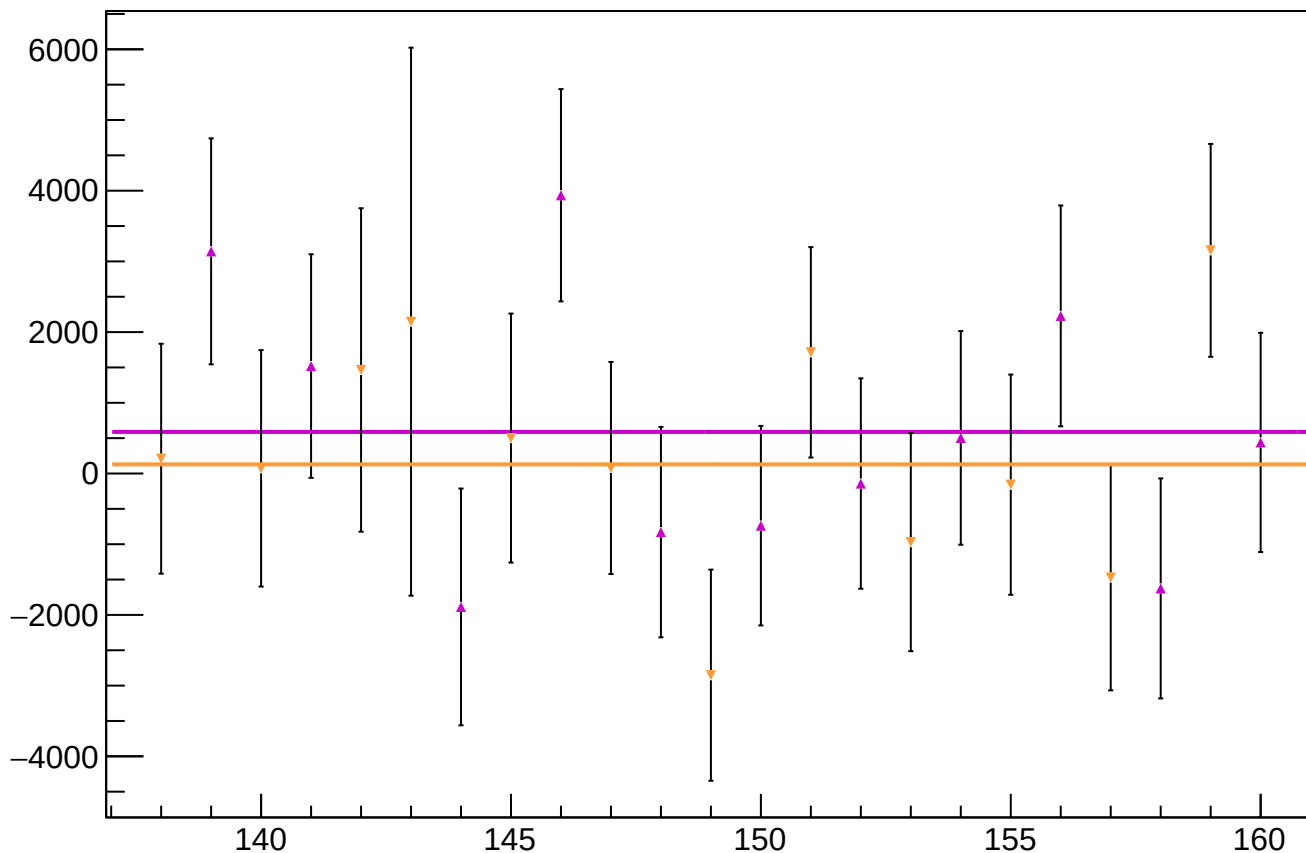
Left In: 384.378+/-0.092 χ^2/NDF :559877.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.466+/-0.066 χ^2/NDF : 2236720.3/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: 129.282+/-480.716 χ^2/NDF : 11.4/11

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

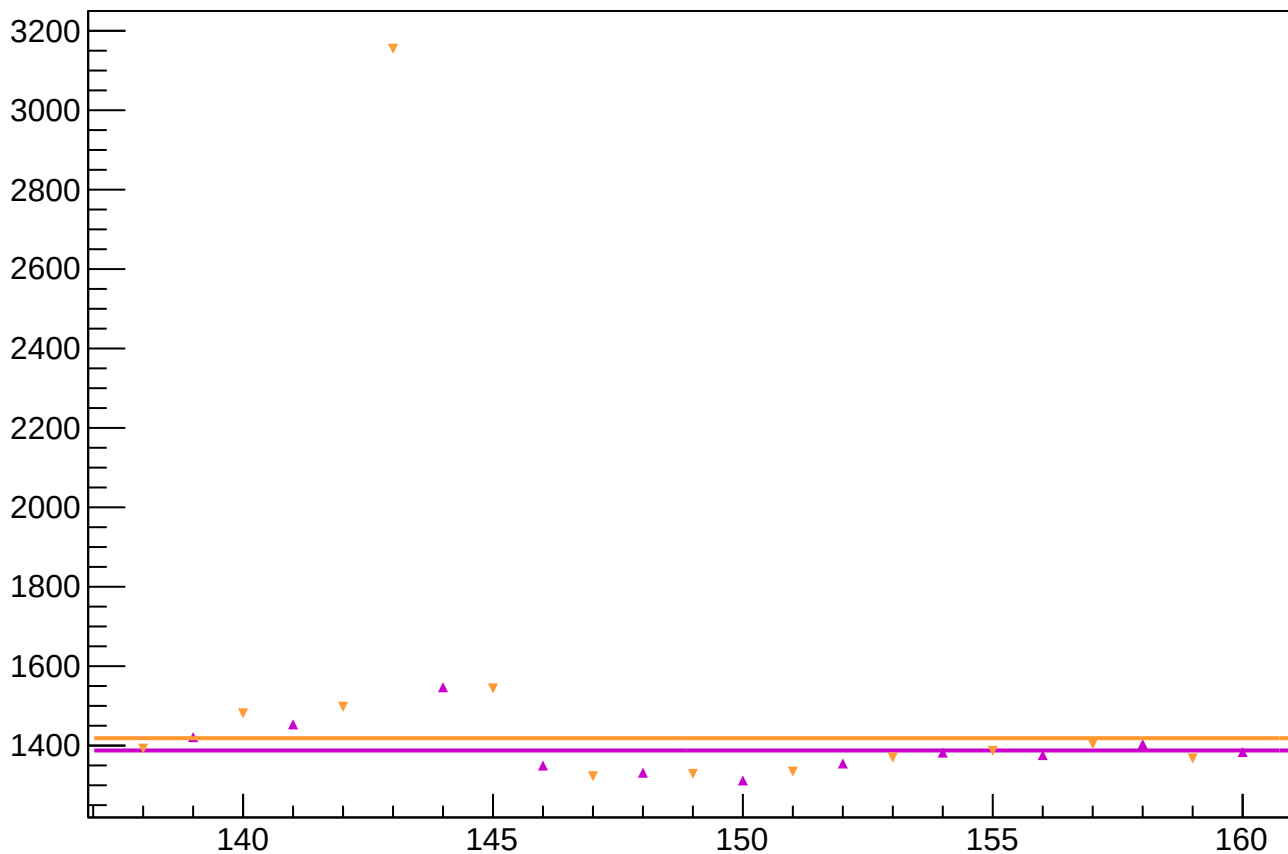
Left In: 587.989+/-462.561 χ^2/NDF : 15.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.461+/-333.314 χ^2/NDF : 27.1/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1418.722+/-0.340 χ^2/NDF : 444325.5/11

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

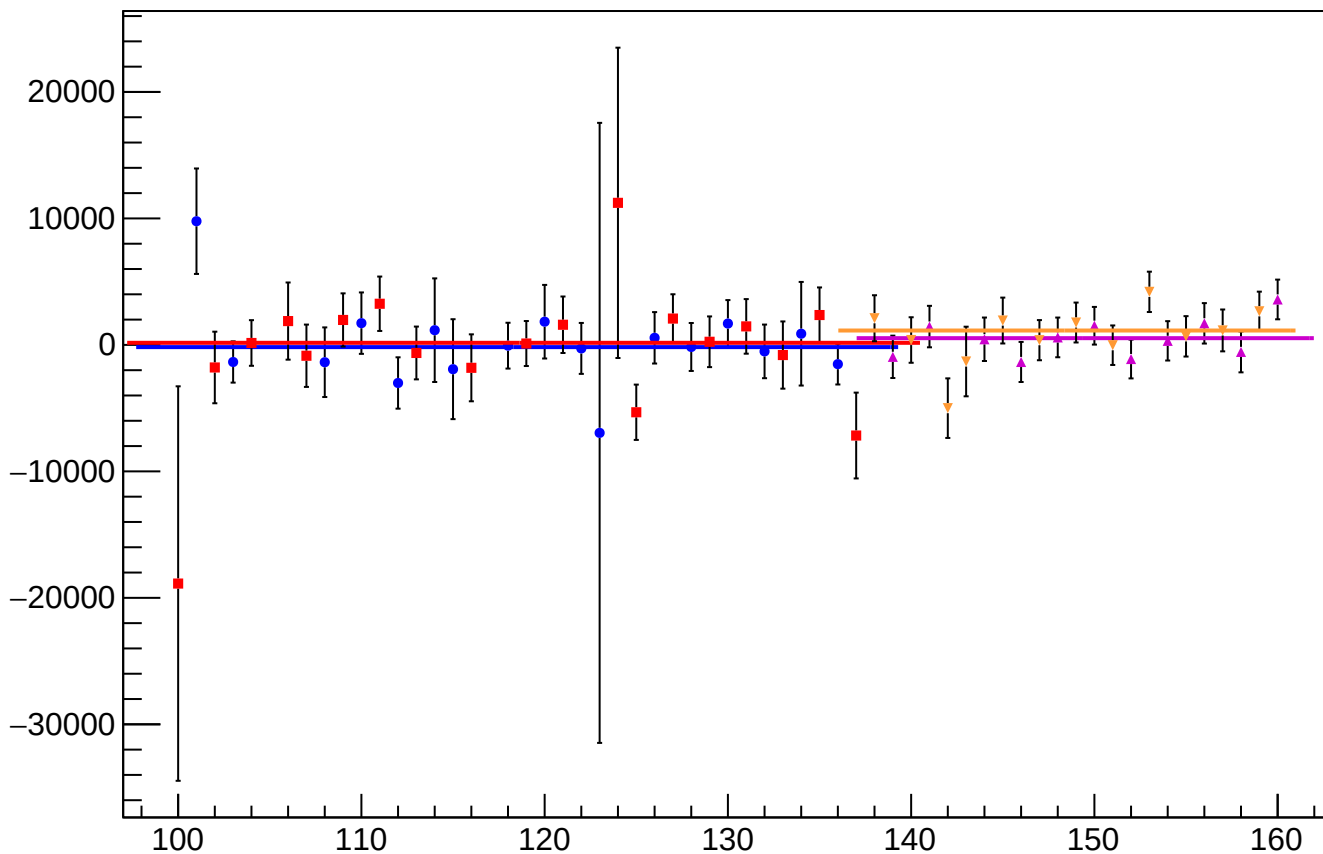
Left In: 1387.671+/-0.327 χ^2/NDF : 33566.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.599+/-0.236 χ^2/NDF : 482224.5/22

- 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: 1137.320 ± 499.971 χ^2/NDF : 13.9/11

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

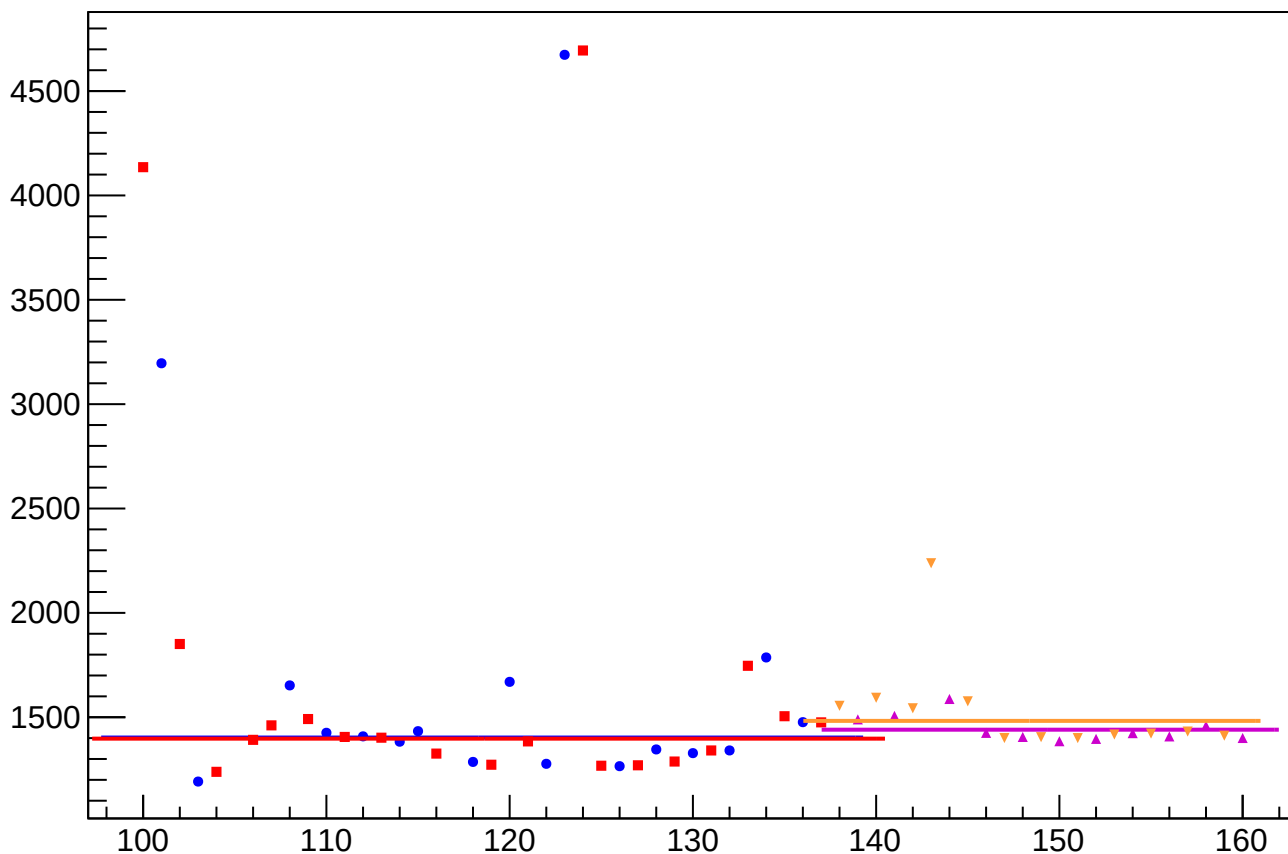
Left In: 532.282 ± 479.965 χ^2/NDF : 8.9/10

+ sign 549.099 ± 371.366 χ^2/NDF : 28.7/28

All: 456.560 ± 258.027 χ^2/NDF : 58.7/58

- 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: 1482.510 $\pm$ 0.354 χ^2 /NDF: 196143.1/11

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

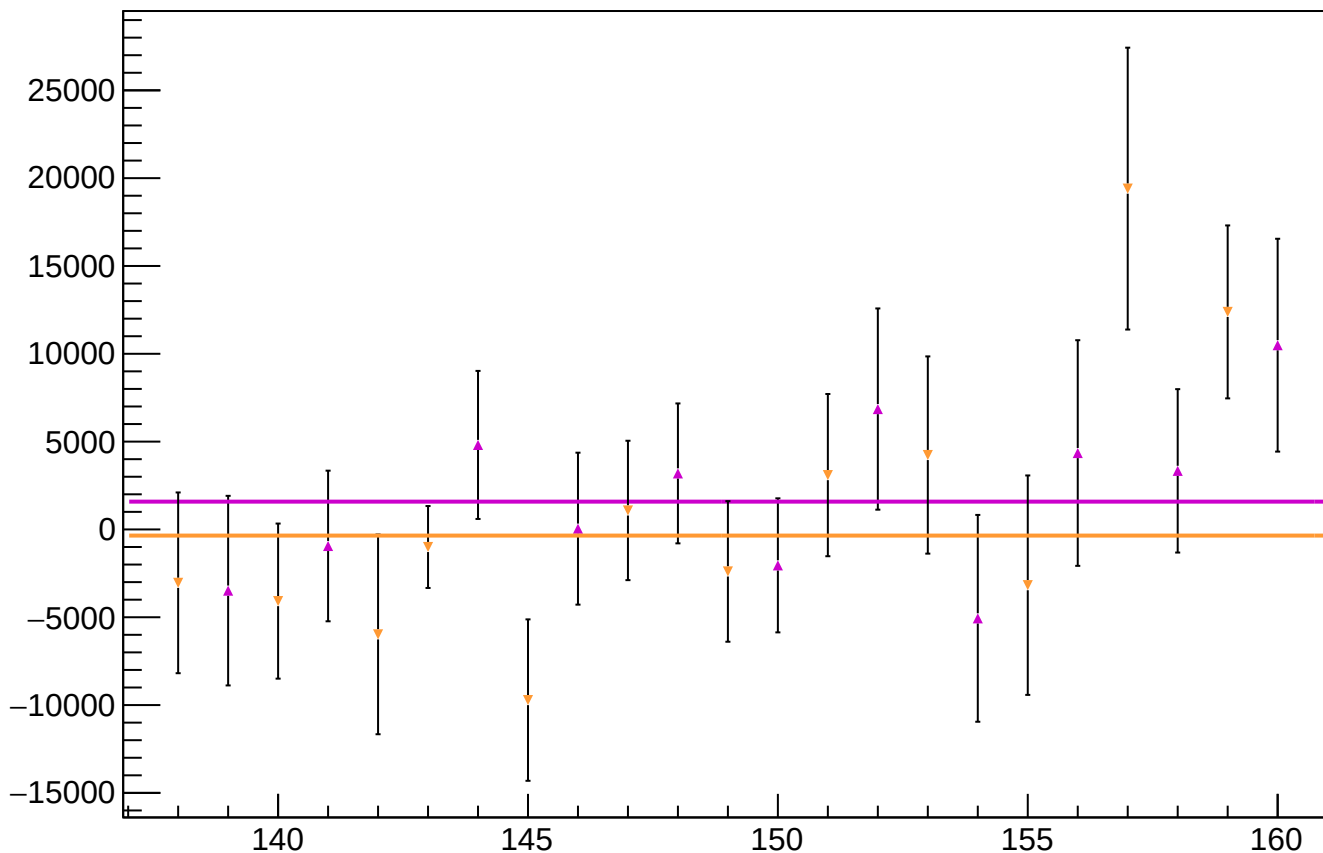
Left In: 1440.311 $\pm$ 0.339 χ^2 /NDF: 27816.1/10

+ sign 1446.736 $\pm$ 0.263 χ^2 /NDF: 745310.6/28

All: 1433.619 $\pm$ 0.182 χ^2 /NDF: 1138359.5/58

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: -349.993+/-1251.815 χ^2/NDF :20.8/11

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

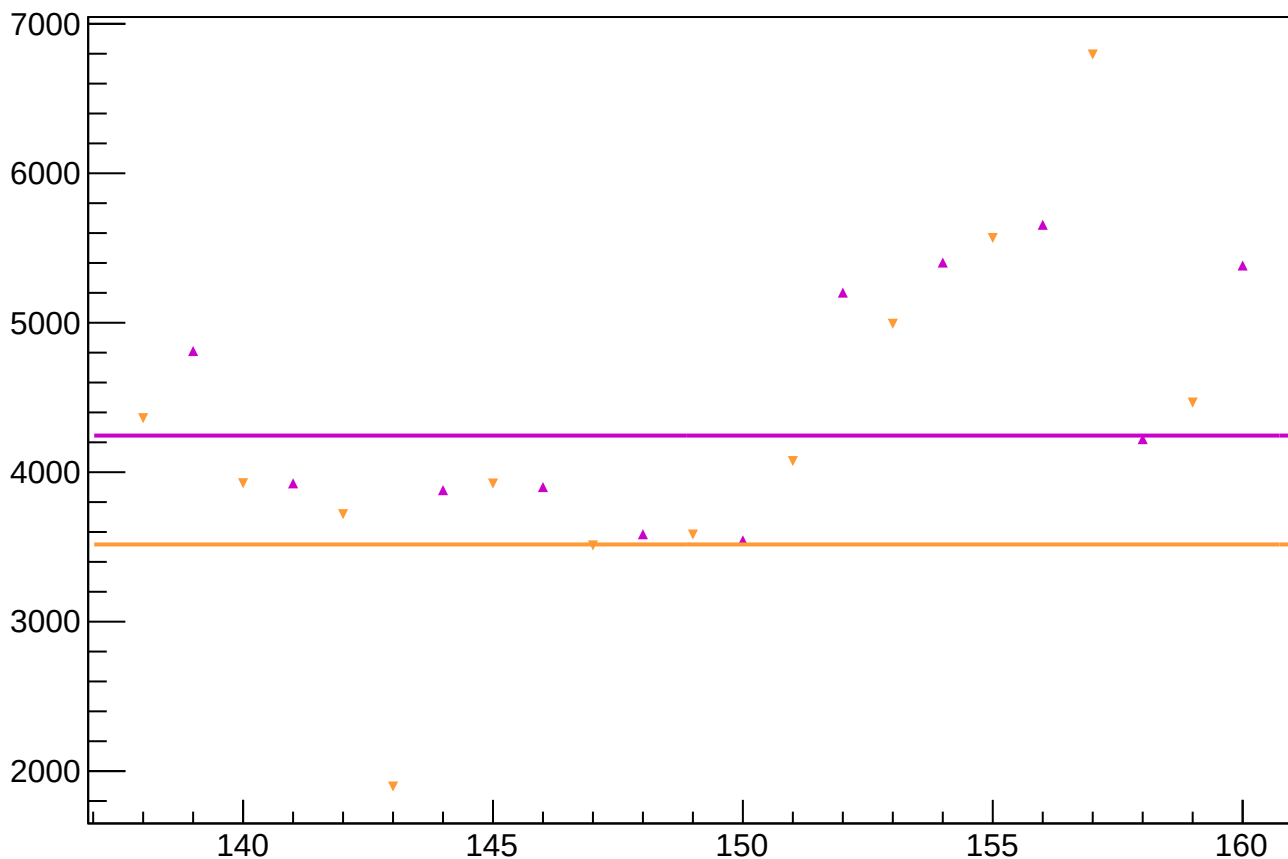
Left In: 1582.751+/-1432.742 χ^2/NDF :7.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.710+/-942.685 χ^2/NDF : 29.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

Left Out: 3516.600+/-0.885 χ^2/NDF :1845574.0/11

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

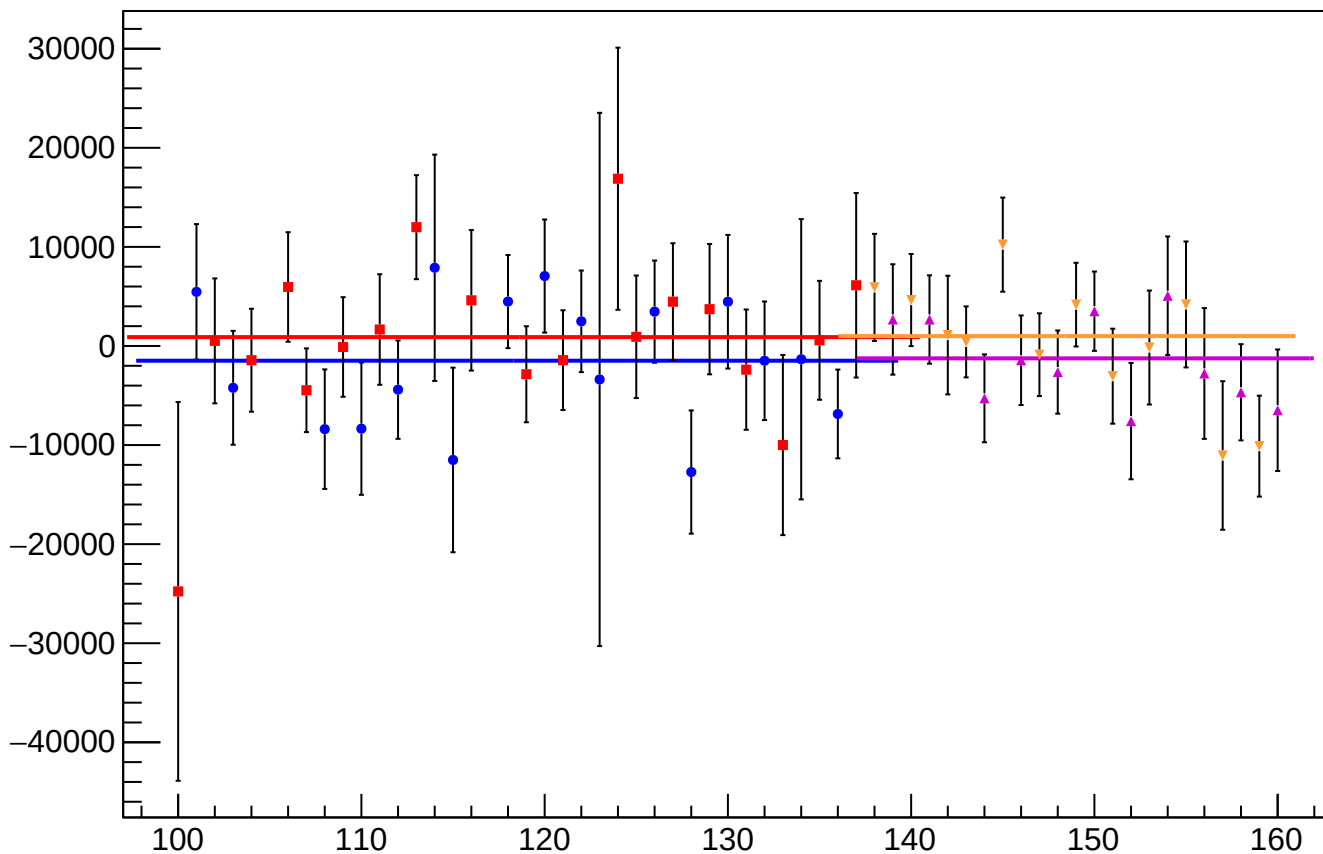
Left In: 4245.123+/-1.013 χ^2/NDF :483302.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3831.985+/-0.667 χ^2/NDF : 2622123.1/22

- 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: 994.307 ± 1415.729 χ^2/NDF : 14.4/11

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

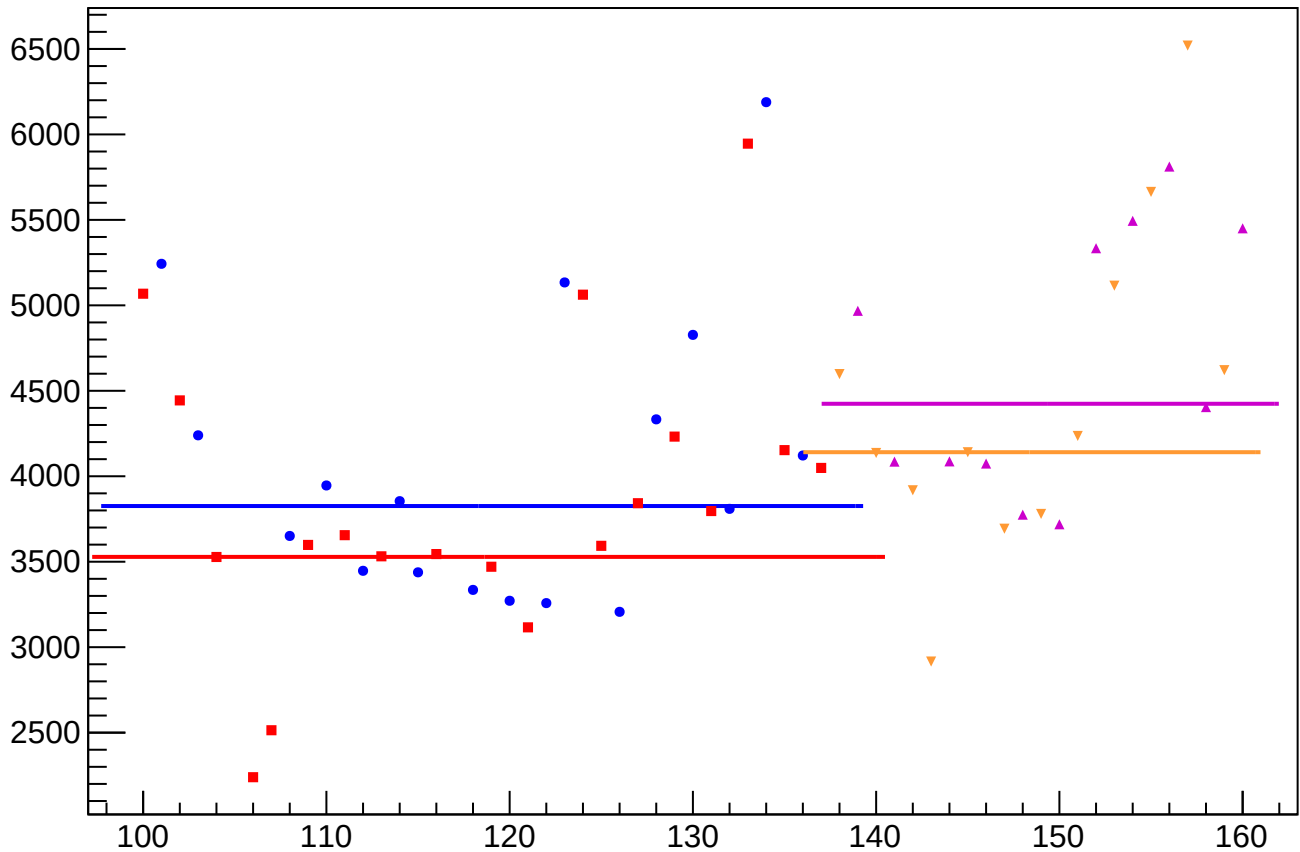
Left In: -1248.496 ± 1490.146 χ^2/NDF : 7.2/10

+ sign -175.438 ± 1029.289 χ^2/NDF : 32.5/28

All: -134.144 ± 721.656 χ^2/NDF : 54.9/58

- 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: 4140.850 ± 1.001 χ^2/NDF : 680707.9/11

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

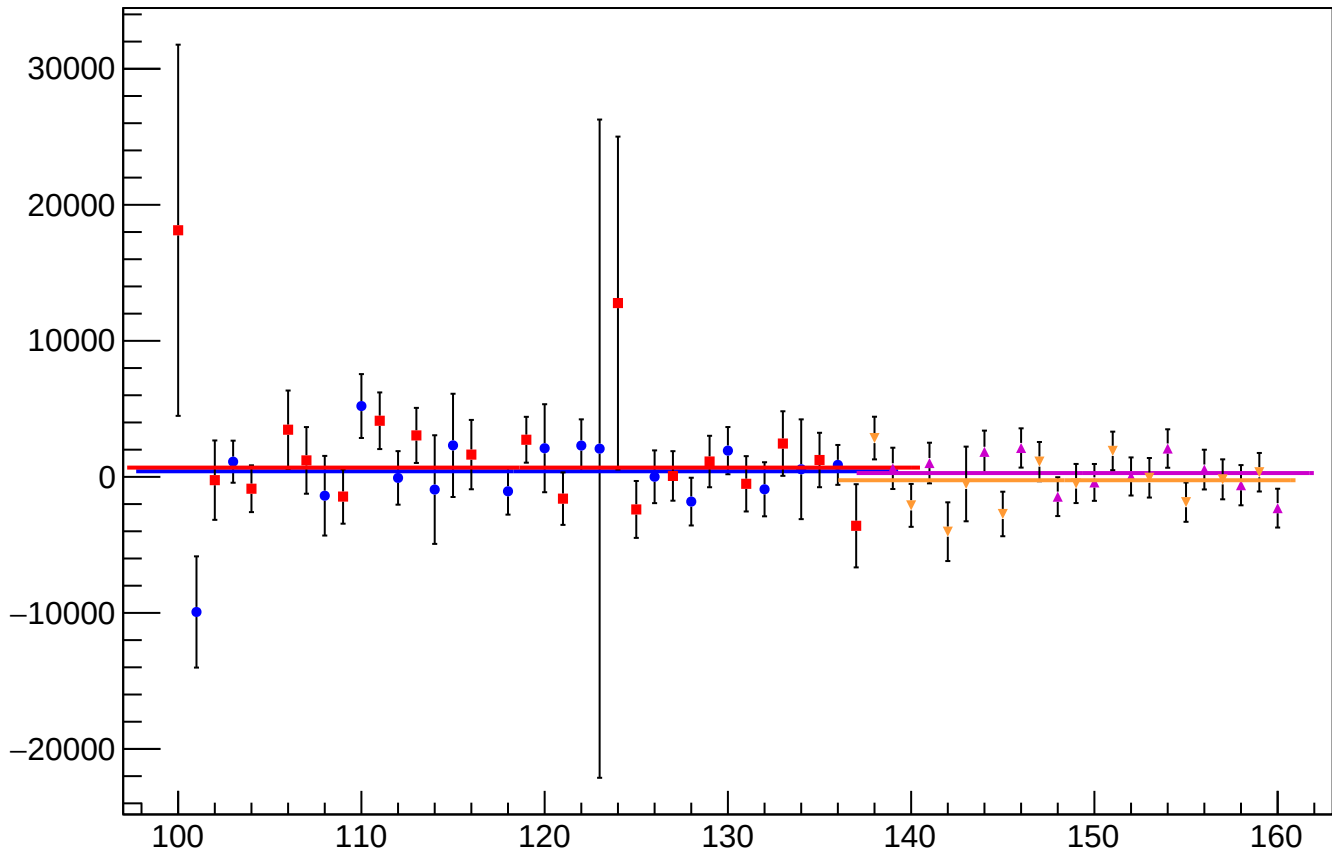
Left In: 4424.102 ± 1.054 χ^2/NDF : 420363.3/10

+ sign 3992.347 ± 0.728 χ^2/NDF : 1061791.6/28

All: 3964.303 ± 0.509 χ^2/NDF : 2433124.8/58

- 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: -246.878 $\pm$ 451.410 χ^2 /NDF:15.3/11

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

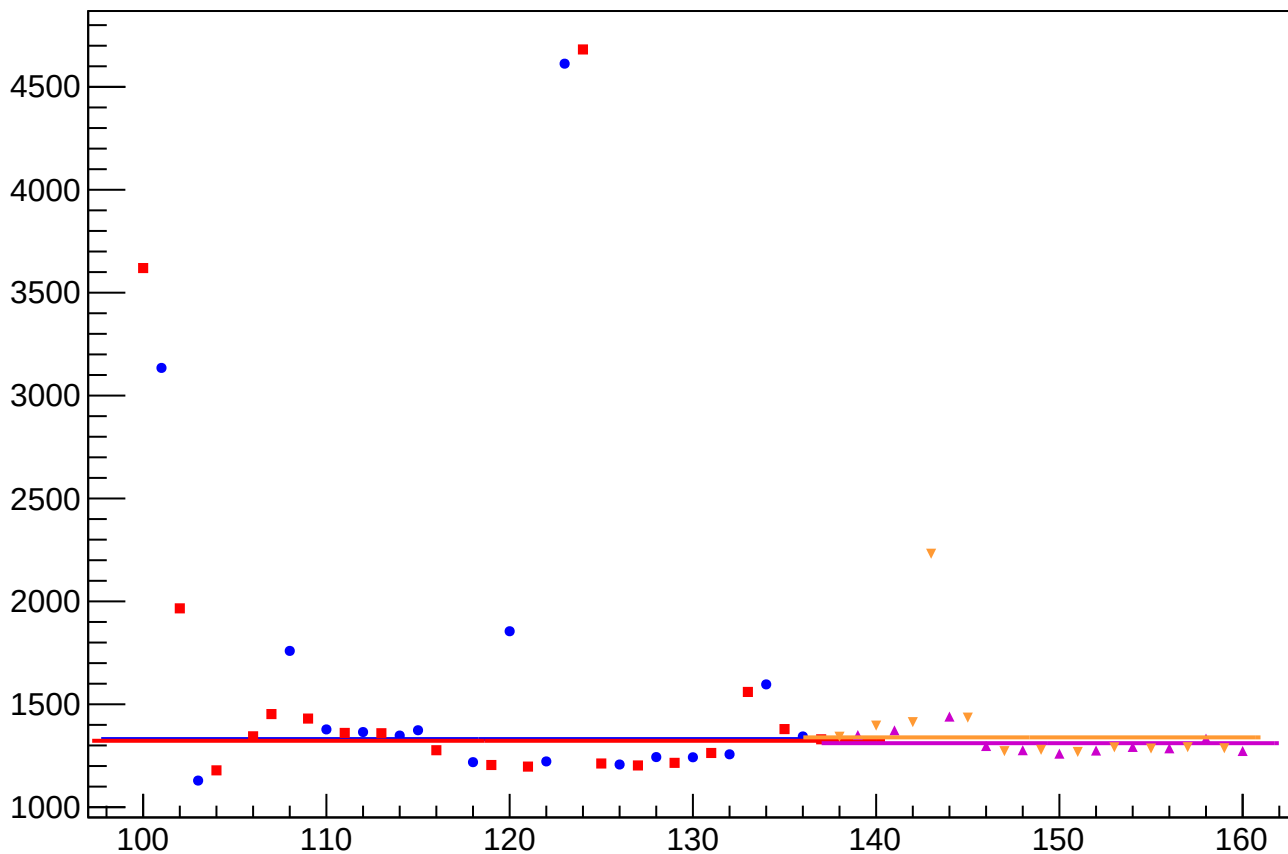
Left In: 280.826 $\pm$ 436.994 χ^2 /NDF:10.0/10

+ sign 31.116 $\pm$ 343.103 χ^2 /NDF: 32.8/28

All: 247.858 $\pm$ 238.548 χ^2 /NDF: 61.9/58

- 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+/-0.373 χ^2/NDF : 603474.5/16

Left Out: 1339.252+/-0.319 χ^2/NDF : 246072.9/11

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

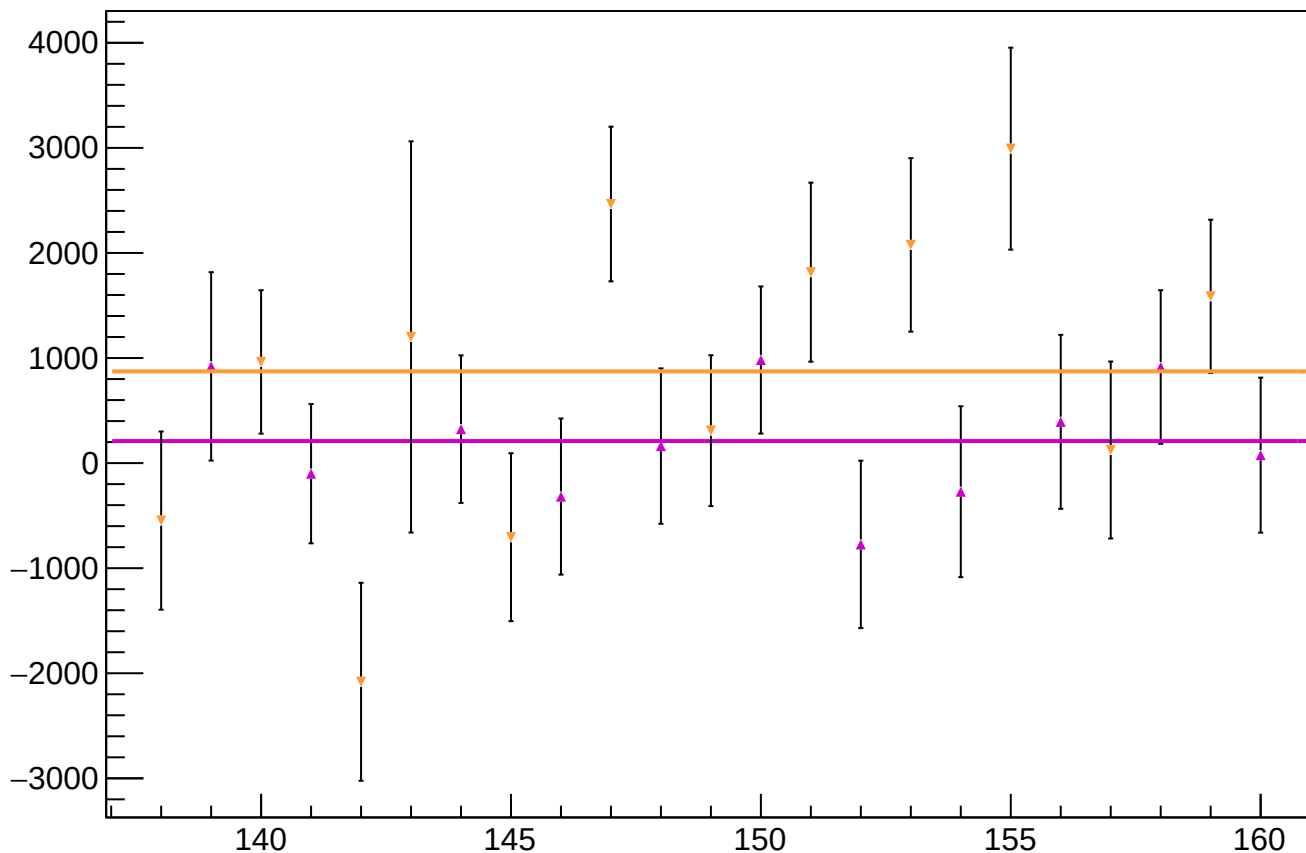
Left In: 1311.008+/-0.309 χ^2/NDF : 26764.5/10

+ sign 1335.720+/-0.243 χ^2/NDF : 849837.2/28

All: 1325.511+/-0.169 χ^2/NDF : 1275049.7/58

- sign 1315.958+/-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: 873.385+/-238.908 χ^2/NDF : 31.8/11

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

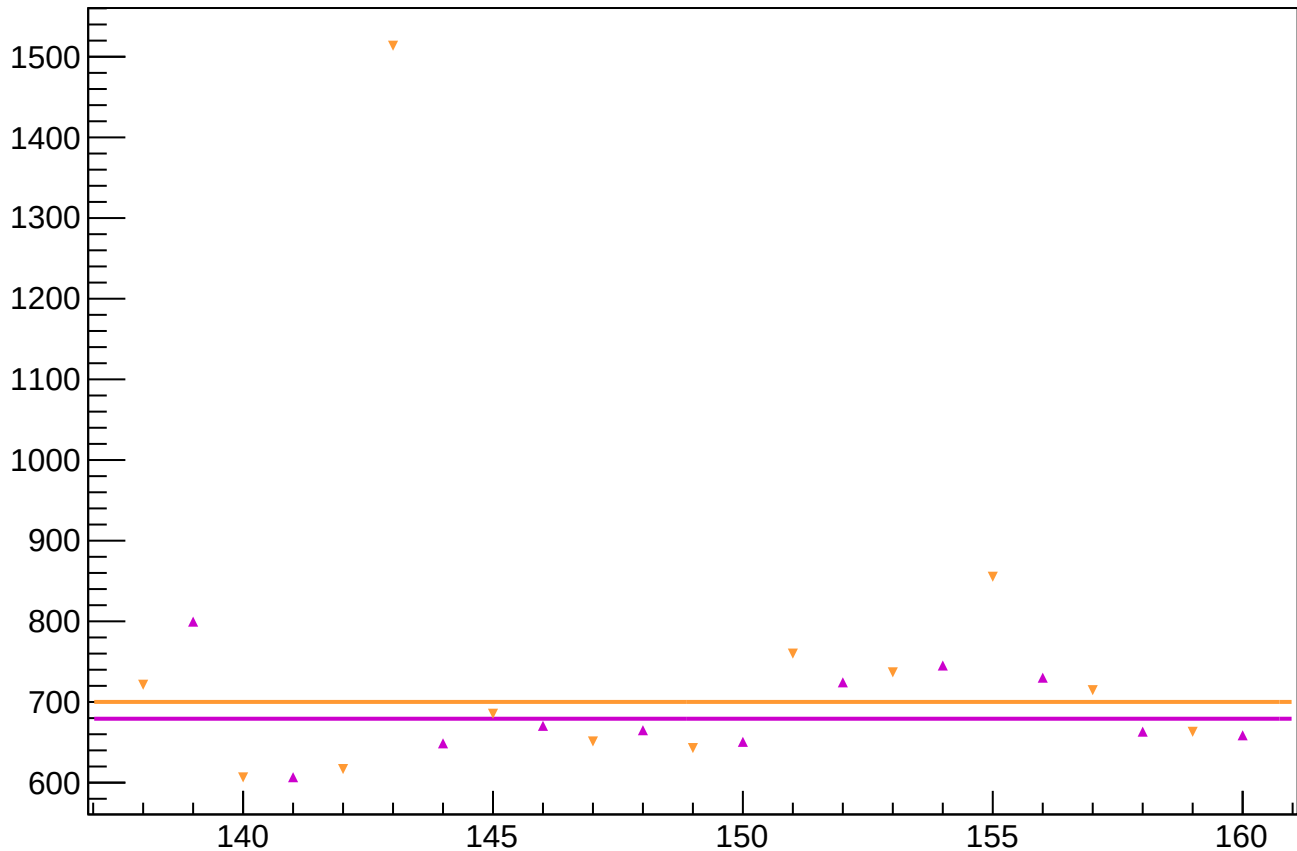
Left In: 209.750+/-226.544 χ^2/NDF : 5.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.952+/-164.388 χ^2/NDF : 41.4/22

- 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: 700.091 +/- 0.169 χ^2/NDF : 530445.9/11

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

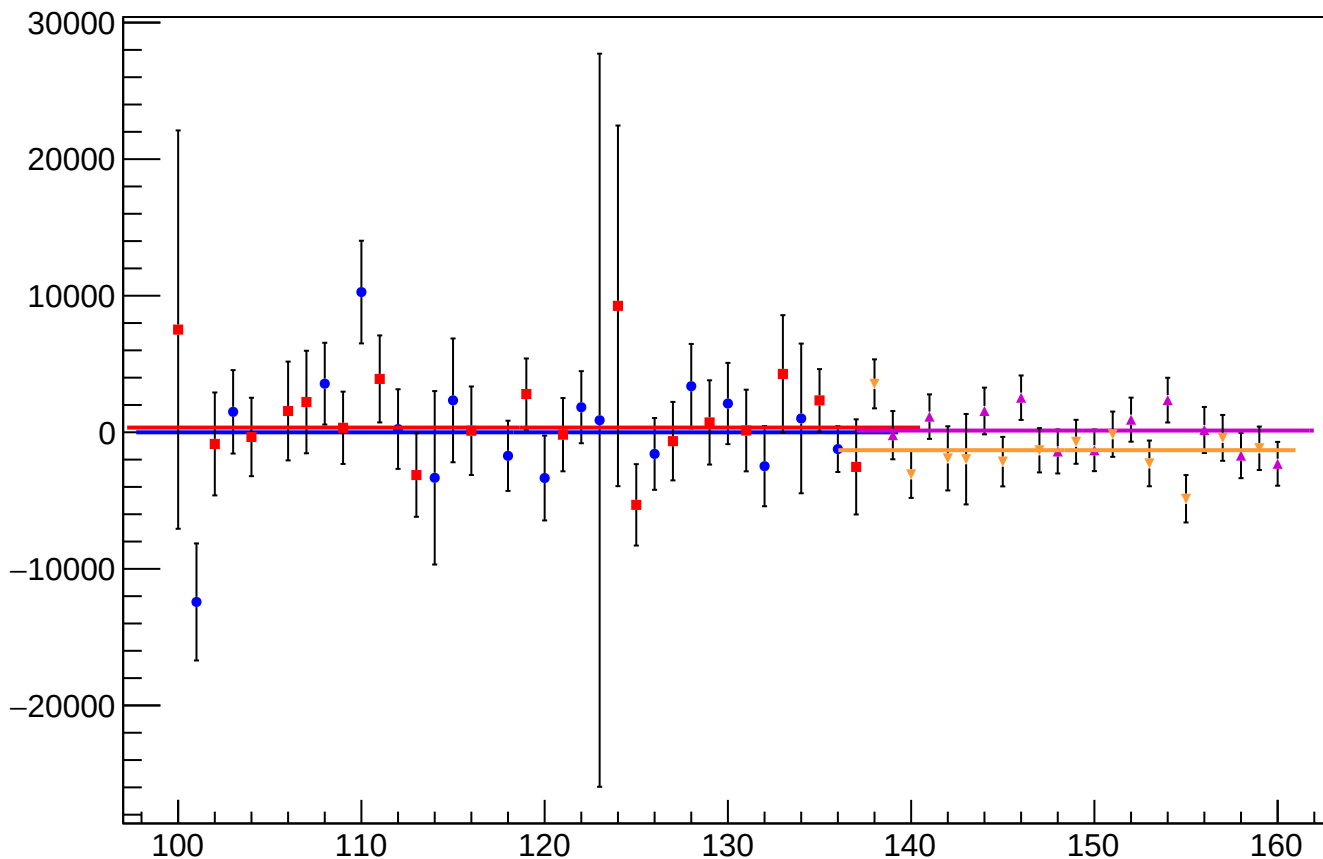
Left In: 679.240 +/- 0.160 χ^2/NDF : 97790.3/10

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 689.112 +/- 0.116 χ^2/NDF : 636258.1/22

- 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: -1310.545 ± 513.575 χ^2/NDF : 14.2/11

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

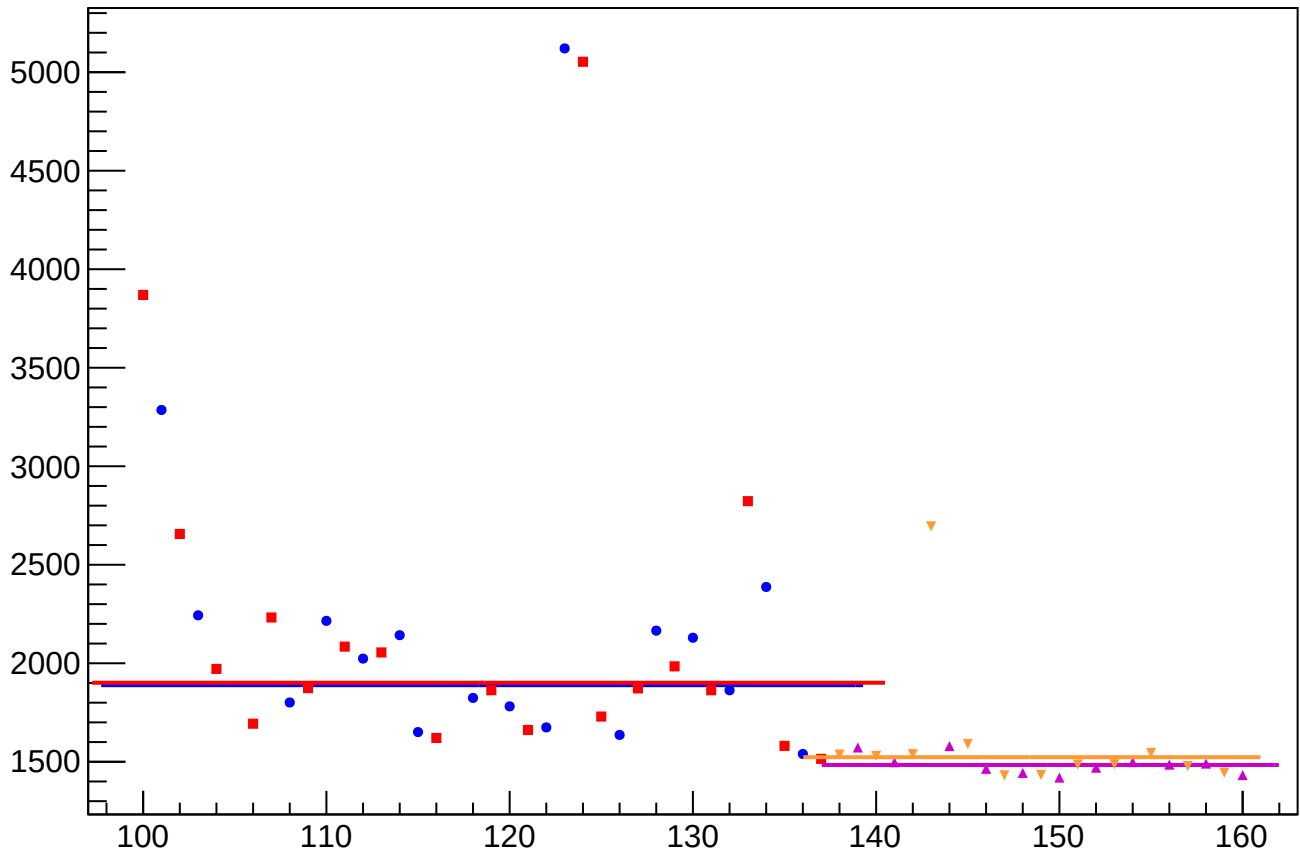
Left In: 126.960 ± 494.246 χ^2/NDF : 10.7/10

+ sign -889.130 ± 422.850 χ^2/NDF : 39.8/28

All: -330.202 ± 294.322 χ^2/NDF : 64.7/58

- 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: 1523.347 ± 0.363 χ^2/NDF : 274567.8/11

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

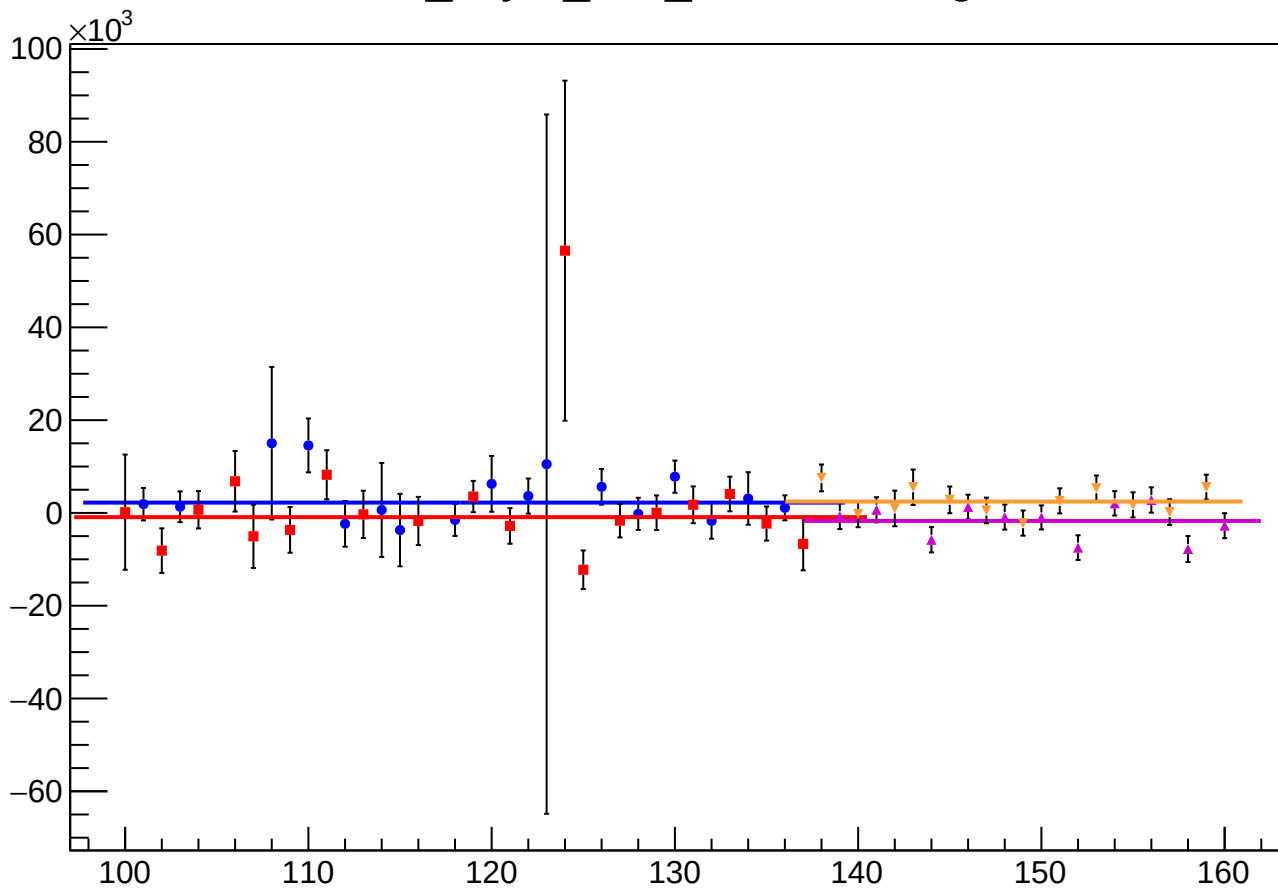
Left In: 1483.753 ± 0.349 χ^2/NDF : 18982.1/10

+ sign 1641.064 ± 0.299 χ^2/NDF : 1066625.0/28

All: 1627.146 ± 0.208 χ^2/NDF : 1996670.3/58

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

dit_asym_atl1_mean vs Slug



Right In: 2227.517 ± 1039.288 $\chi^2/\text{NDF}: 13.6/16$

Left Out: 2446.125 ± 831.017 $\chi^2/\text{NDF}: 11.5/11$

Right Out: -907.837 ± 1046.878 $\chi^2/\text{NDF}: 22.9/18$

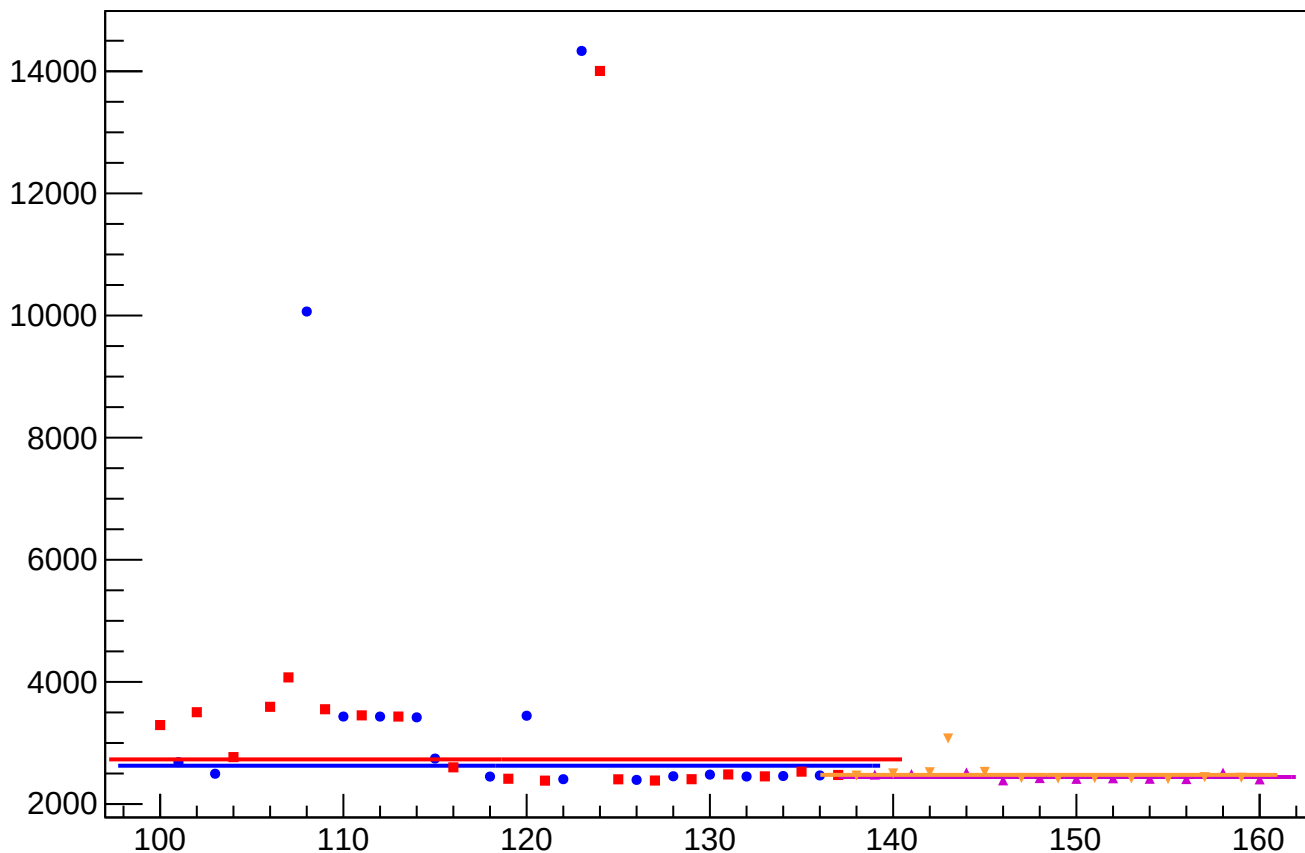
Left In: -1727.436 ± 814.022 $\chi^2/\text{NDF}: 18.8/10$

+ sign 2360.866 ± 649.041 $\chi^2/\text{NDF}: 25.1/28$

All: 452.322 ± 456.652 $\chi^2/\text{NDF}: 84.3/58$

- sign -1418.612 ± 642.614 $\chi^2/\text{NDF}: 42.1/29$

dit_asym_atl1_rms vs Slug



Right In: 2627.570 ± 0.735 $\chi^2/\text{NDF}: 644396.7/16$

Left Out: 2477.785 ± 0.588 $\chi^2/\text{NDF}: 55566.8/11$

Right Out: 2731.271 ± 0.740 $\chi^2/\text{NDF}: 598207.5/18$

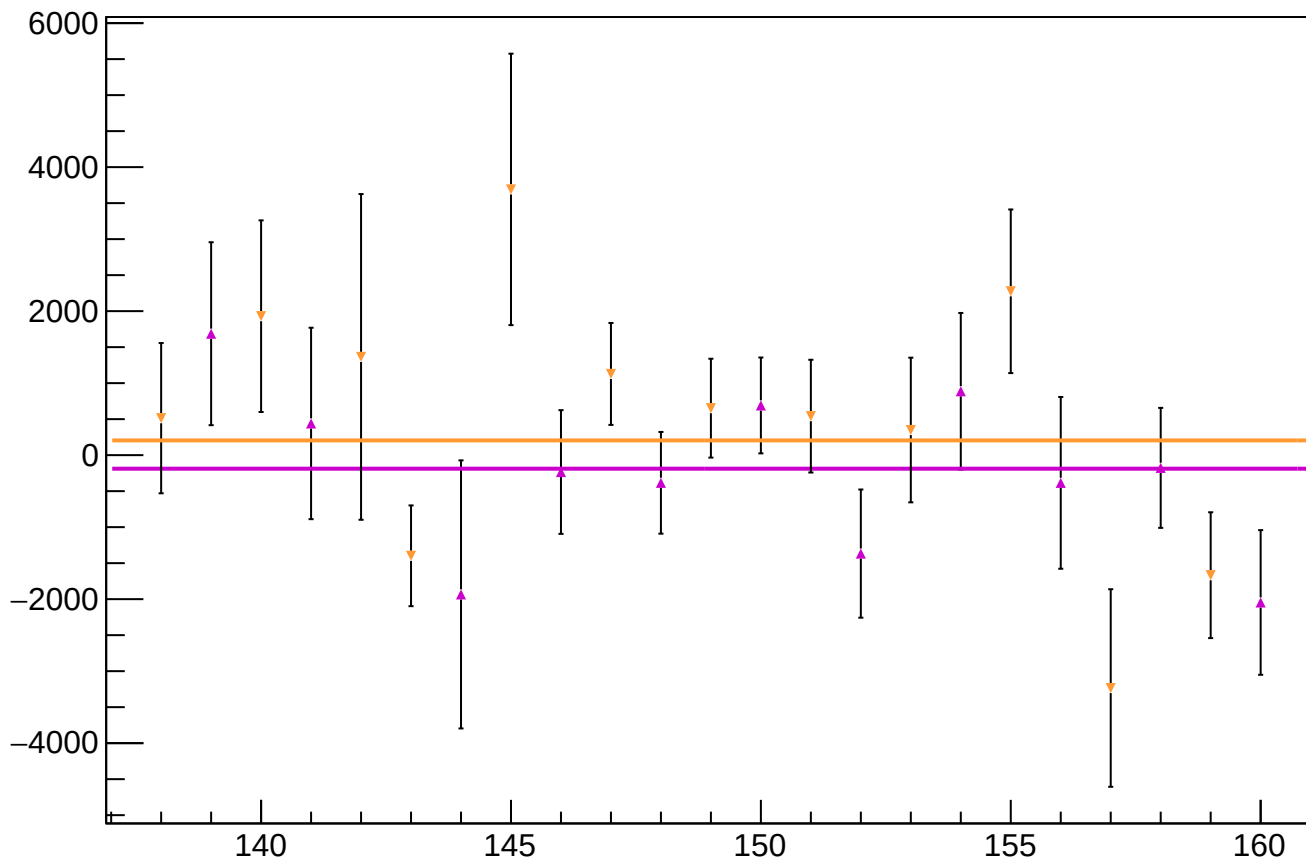
Left In: 2442.596 ± 0.576 $\chi^2/\text{NDF}: 6180.6/10$

+ sign 2536.202 ± 0.459 $\chi^2/\text{NDF}: 725304.4/28$

All: 2543.861 ± 0.323 $\chi^2/\text{NDF}: 1425016.9/58$

- sign 2551.368 ± 0.454 $\chi^2/\text{NDF}: 699161.0/29$

asym_atl1_correction_mean vs Slug



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

Left Out: 204.687+/-273.601 χ^2/NDF :27.2/11

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

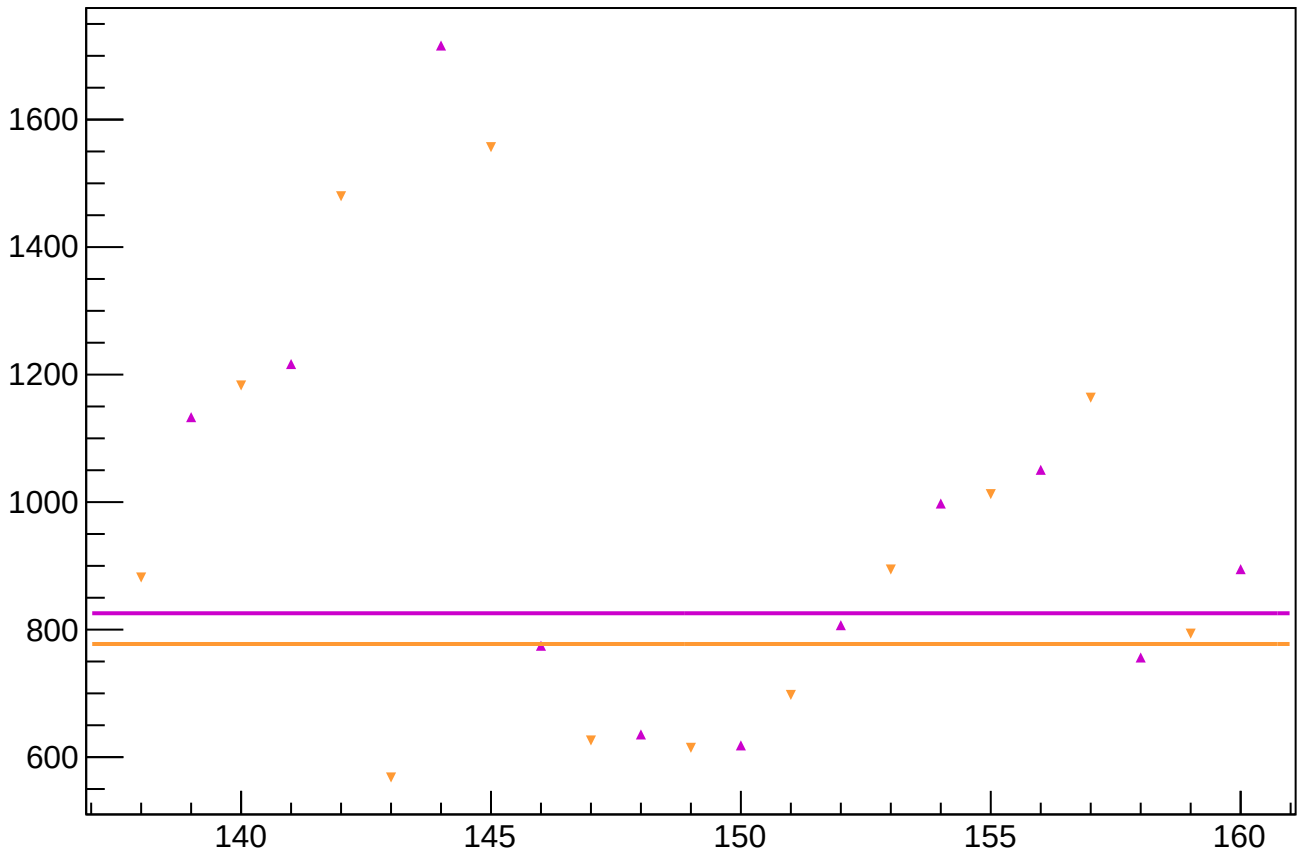
Left In: -188.226+/-284.758 χ^2/NDF :11.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.078+/-197.291 χ^2/NDF : 39.5/22

- 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: 777.456+/-0.193 χ^2/NDF : 1416166.8/11

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

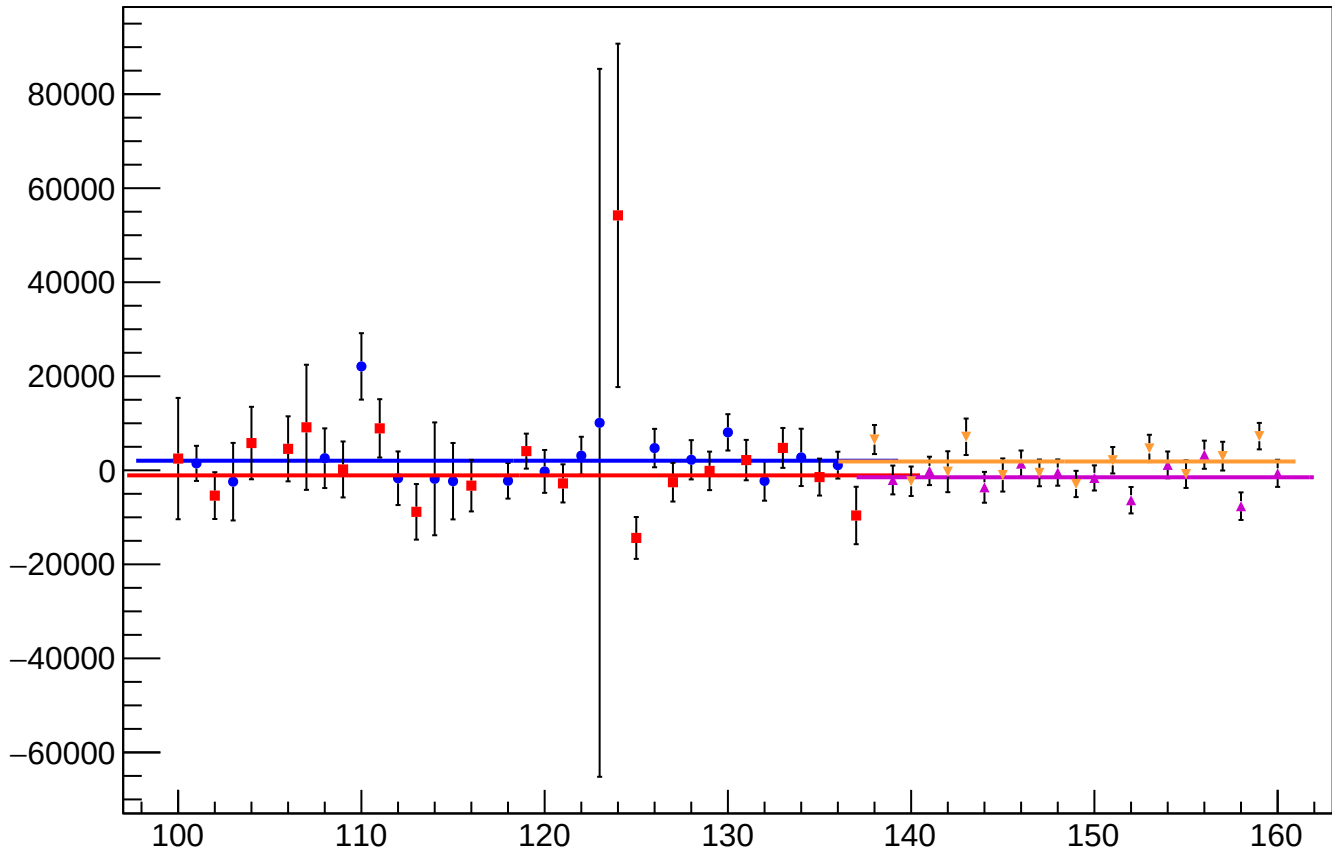
Left In: 825.665+/-0.201 χ^2/NDF : 1239112.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 800.598+/-0.140 χ^2/NDF : 2685085.8/22

- 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: 1878.257+/-893.737 χ^2/NDF : 16.1/11

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

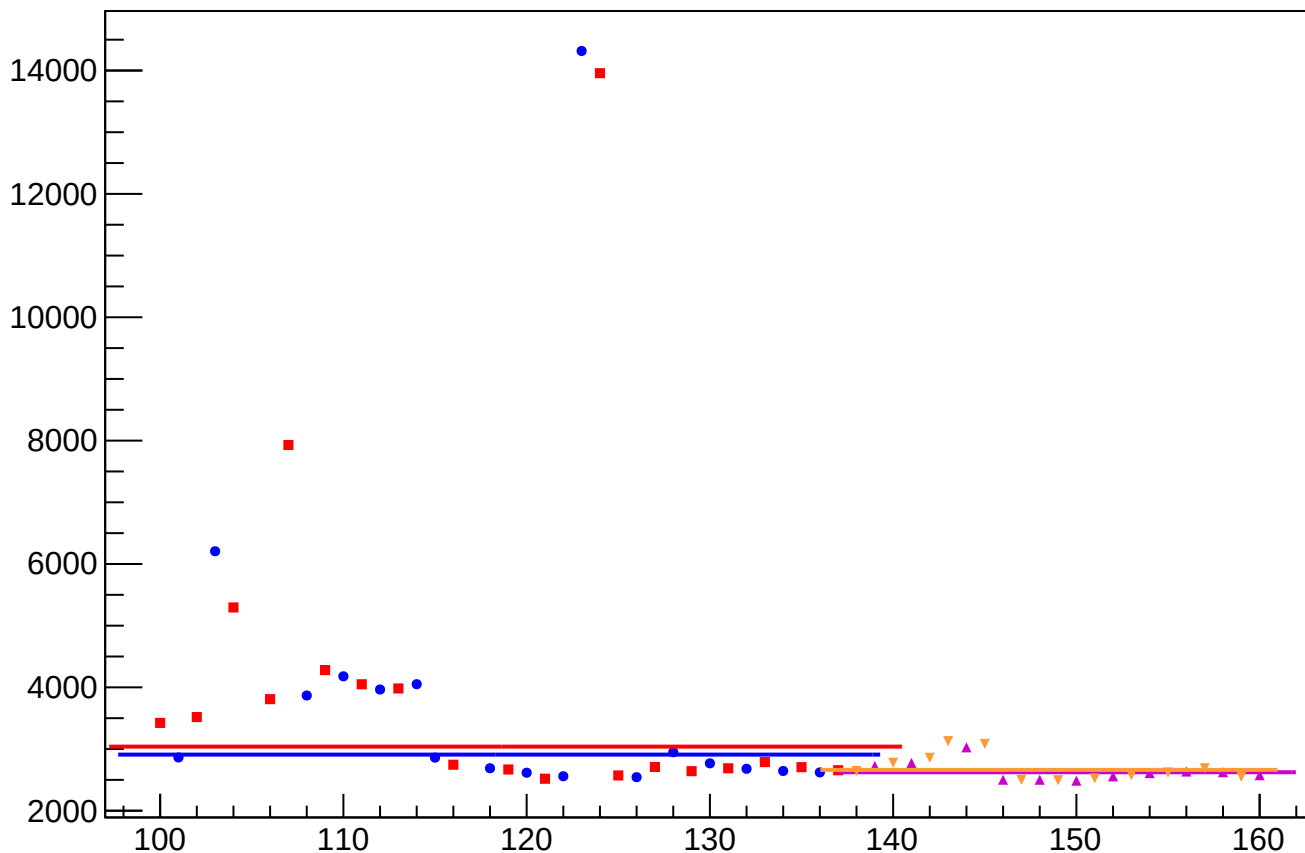
Left In: -1481.629+/-875.626 χ^2/NDF : 12.8/10

+ sign 1938.242+/-706.011 χ^2/NDF : 30.9/28

All: 295.742+/-498.717 χ^2/NDF : 79.9/58

- 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: 2661.937+/-0.632 χ^2 /NDF: 88133.6/11

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

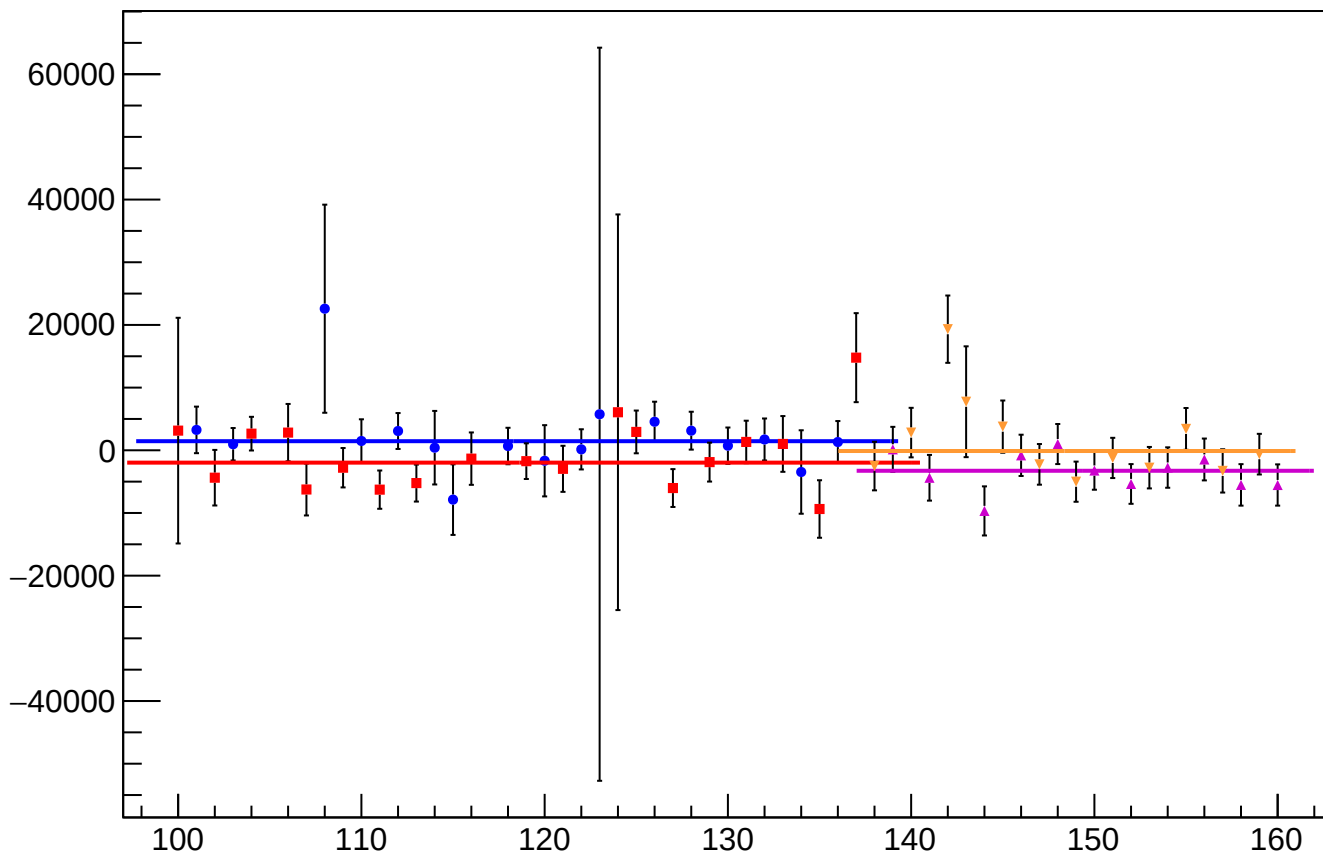
Left In: 2623.786+/-0.619 χ^2 /NDF: 51996.1/10

+ sign 2755.101+/-0.499 χ^2 /NDF: 787831.7/28

All: 2762.668+/-0.353 χ^2 /NDF: 2010221.5/58

- 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: -114.644 $\pm$ 1062.410 χ^2 /NDF:21.2/11

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

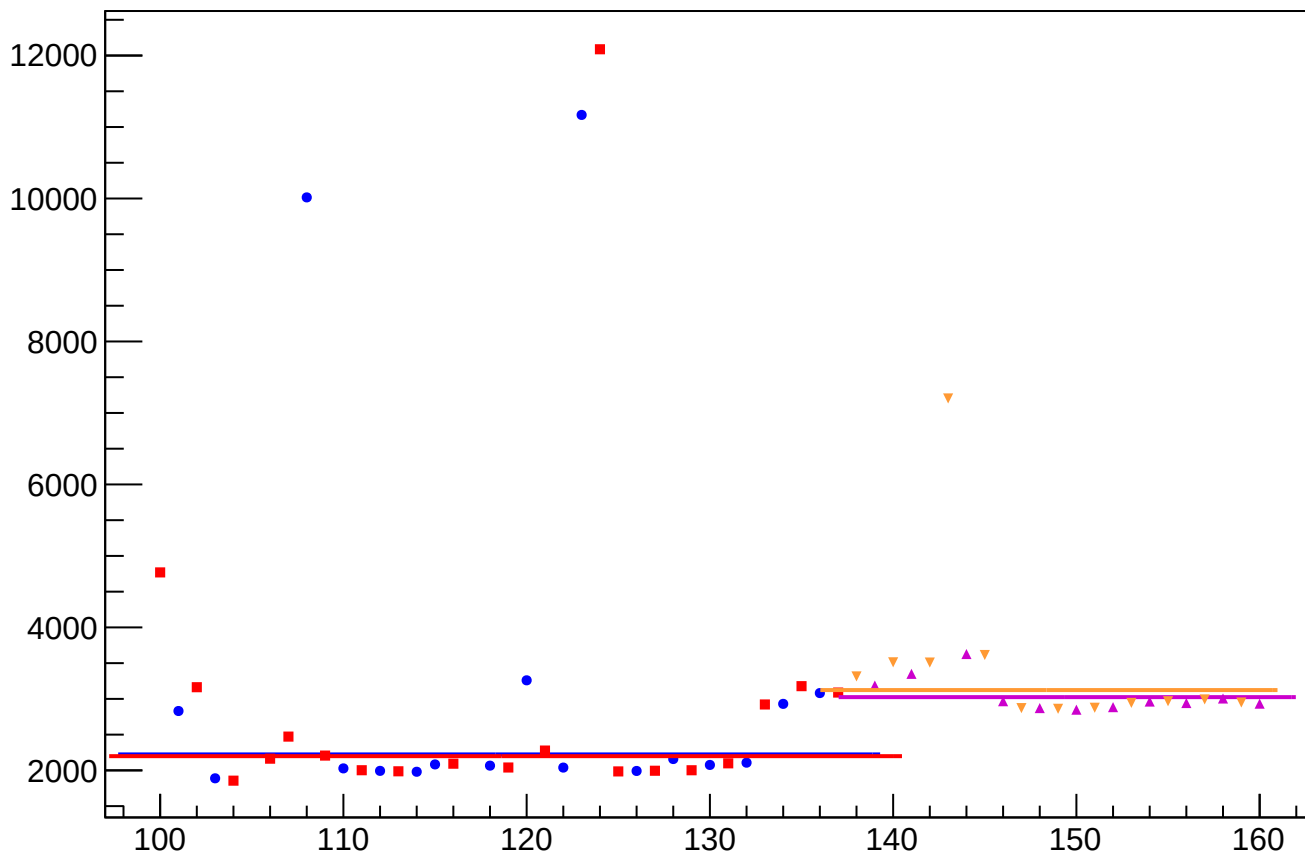
Left In: -3267.734 $\pm$ 1008.137 χ^2 /NDF:7.7/10

+ sign 806.787 $\pm$ 681.797 χ^2 /NDF: 29.9/28

All: -930.122 $\pm$ 470.482 χ^2 /NDF: 73.3/58

- 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: 3123.253+/-0.751 χ^2/NDF :544380.1/11

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

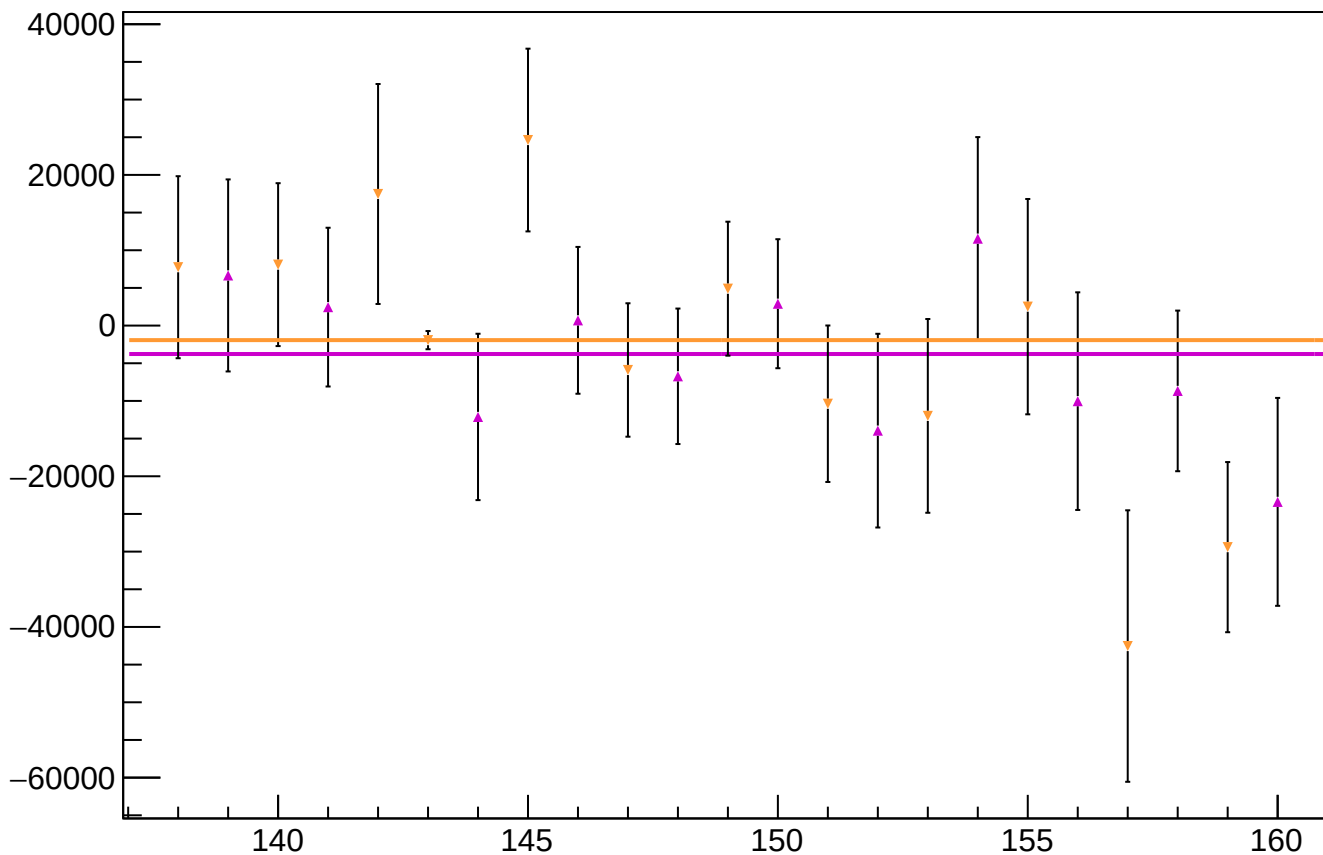
Left In: 3024.561+/-0.713 χ^2/NDF :86696.1/10

+ sign 2593.834+/-0.482 χ^2/NDF : 2239064.6/28

All: 2566.581+/-0.333 χ^2/NDF : 3718743.7/58

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

asym_atl2_correction_mean vs Slug



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

Left Out: -1929.983 $\pm$ 1141.116 χ^2 /NDF:21.2/11

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

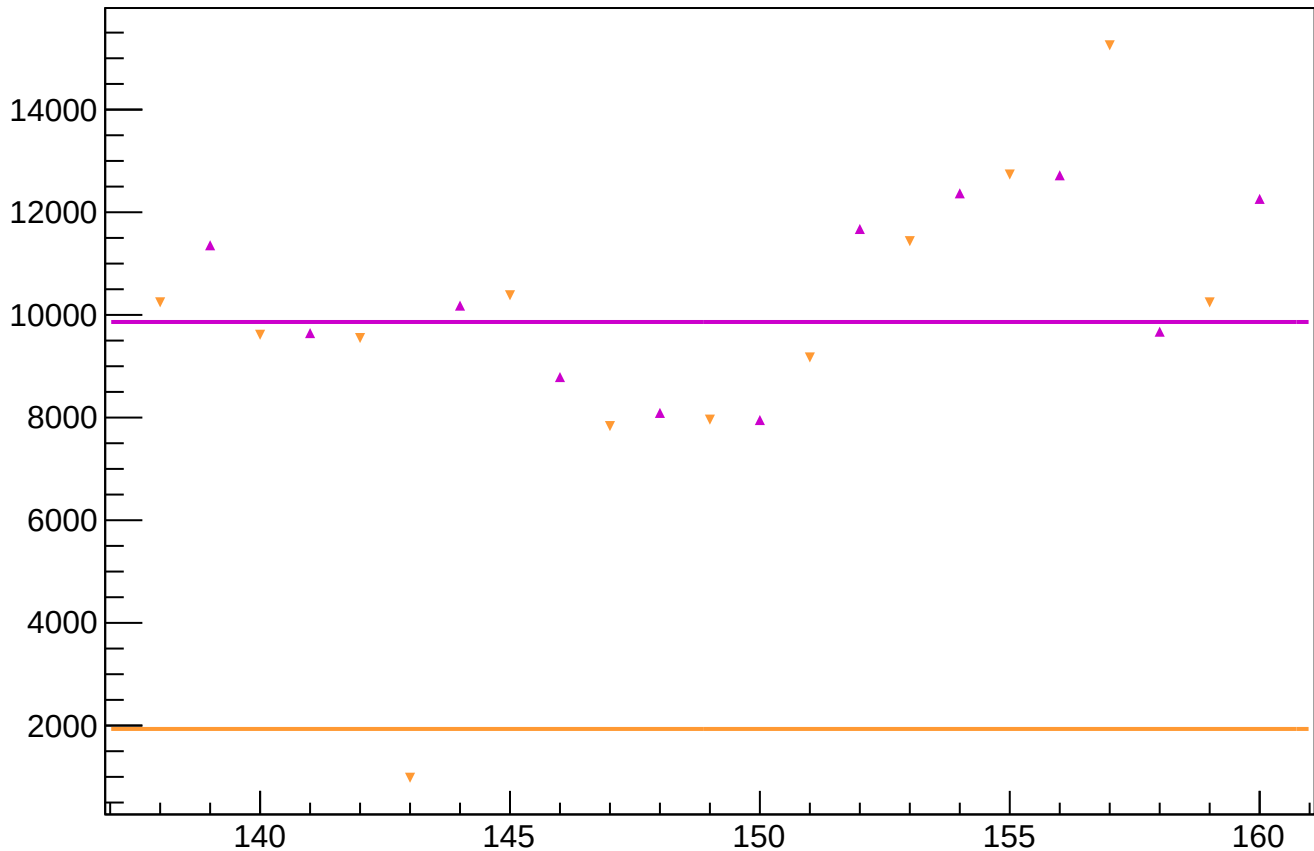
Left In: -3773.932 $\pm$ 3327.493 χ^2 /NDF:6.9/10

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

All: -2124.021 $\pm$ 1079.408 χ^2 /NDF: 28.4/22

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

asym_atl2_correction_rms vs Slug



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

Left Out: 1933.830+/-0.807 χ^2/NDF : 11897623.9/11

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

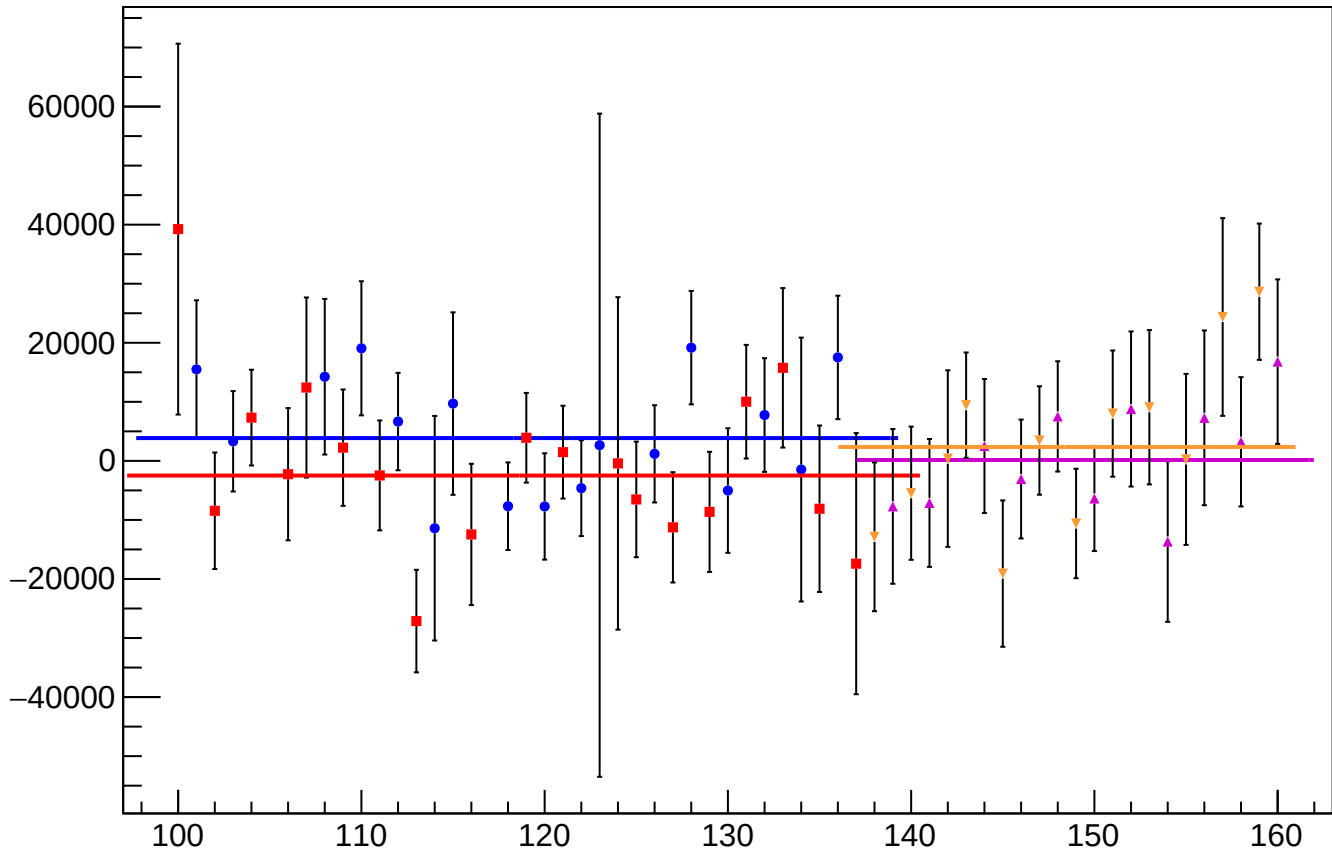
Left In: 9862.340+/-2.353 χ^2/NDF : 479714.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2768.142+/-0.763 χ^2/NDF : 22537266.6/2

- 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: 2356.043 $\pm$ 3302.553 χ^2 /NDF:15.0/11

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

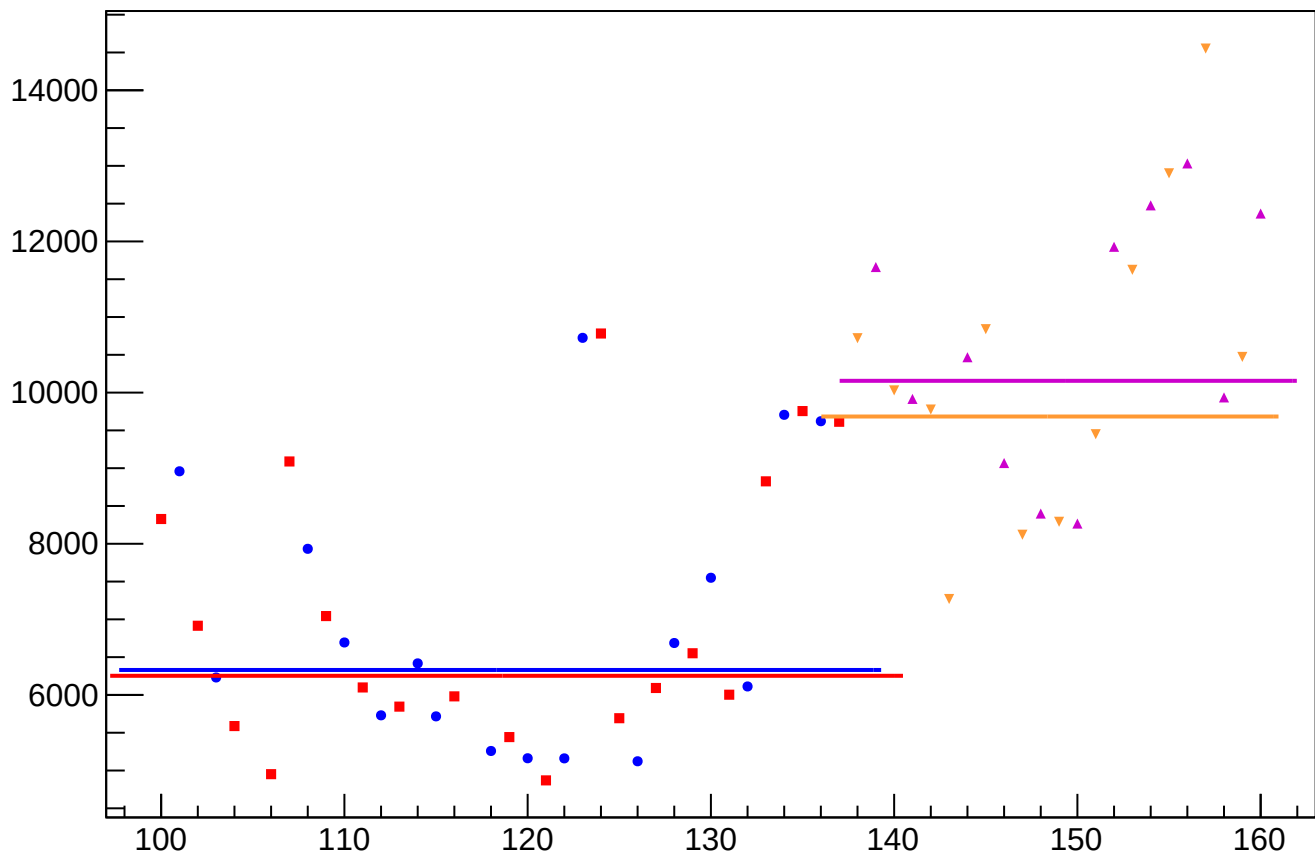
Left In: 155.830 $\pm$ 3422.850 χ^2 /NDF:5.3/10

+ sign 3309.599 $\pm$ 1997.735 χ^2 /NDF: 29.9/28

All: 827.398 $\pm$ 1405.124 χ^2 /NDF: 58.7/58

- 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: 9683.674 ± 2.335 χ^2/NDF : 604840.1/11

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

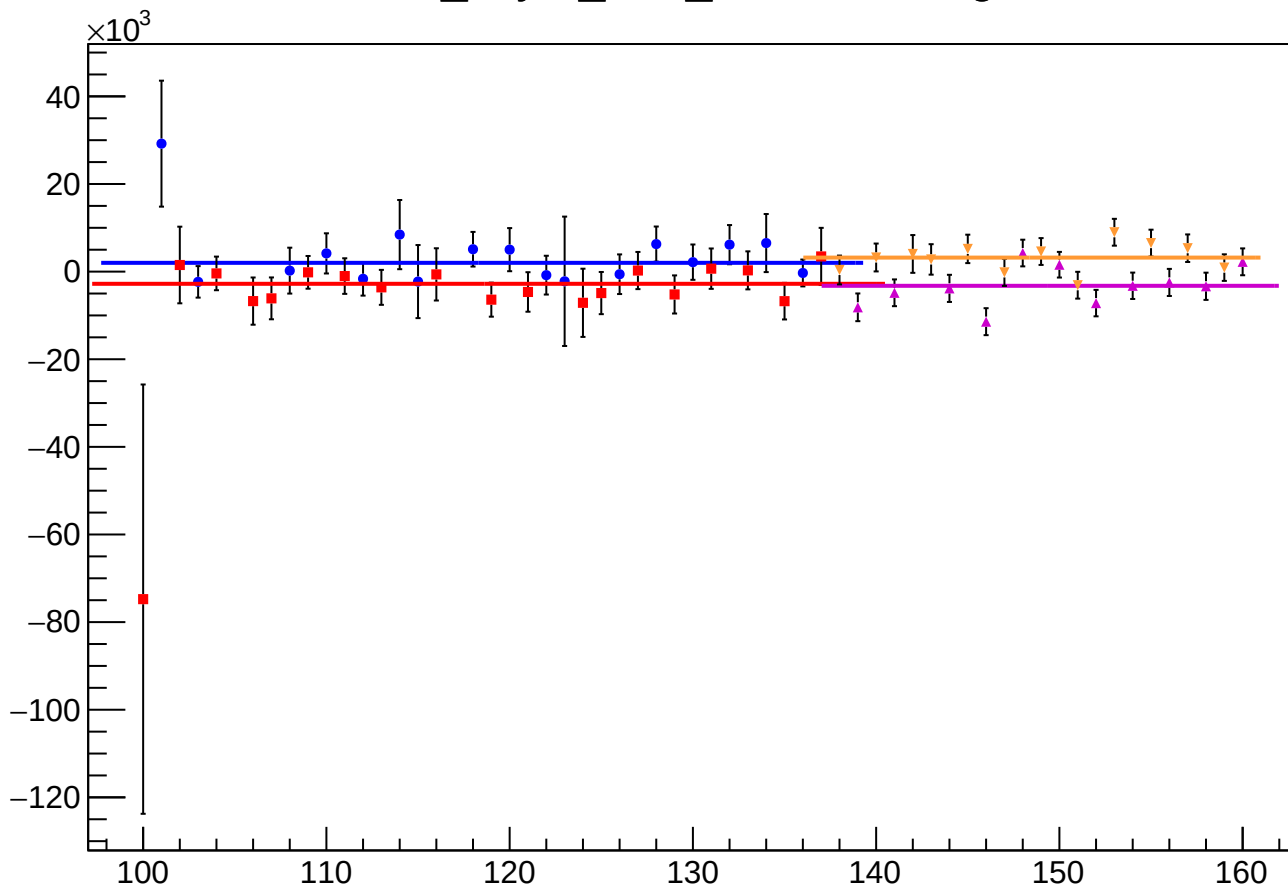
Left In: 10155.900 ± 2.420 χ^2/NDF : 434642.3/10

+ sign 7557.326 ± 1.413 χ^2/NDF : 2505754.4/28

All: 7556.057 ± 0.994 χ^2/NDF : 5208597.5/58

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

dit_asym_atr1_mean vs Slug



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

Left Out: 3201.525 $\pm$ 926.816 χ^2 /NDF:12.6/11

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

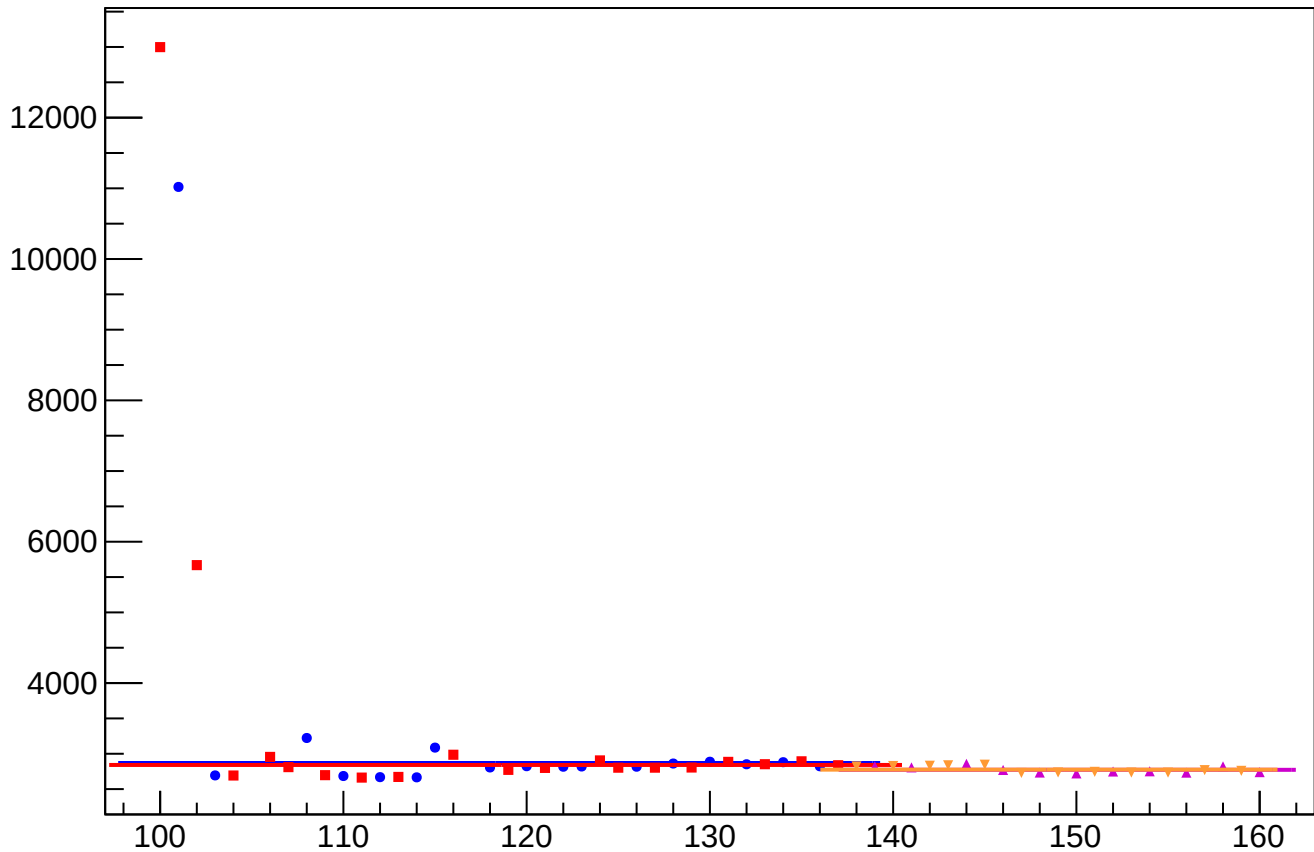
Left In: -3237.719 $\pm$ 922.013 χ^2 /NDF:23.5/10

+ sign 2722.626 $\pm$ 717.687 χ^2 /NDF: 25.3/28

All: -221.918 $\pm$ 502.175 χ^2 /NDF: 91.8/58

- sign -3046.447 $\pm$ 702.909 χ^2 /NDF: 33.5/29

dit_asym_atr1_rms vs Slug



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

Left Out: 2775.291 $\pm$ 0.655 χ^2 /NDF: 4624.0/11

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

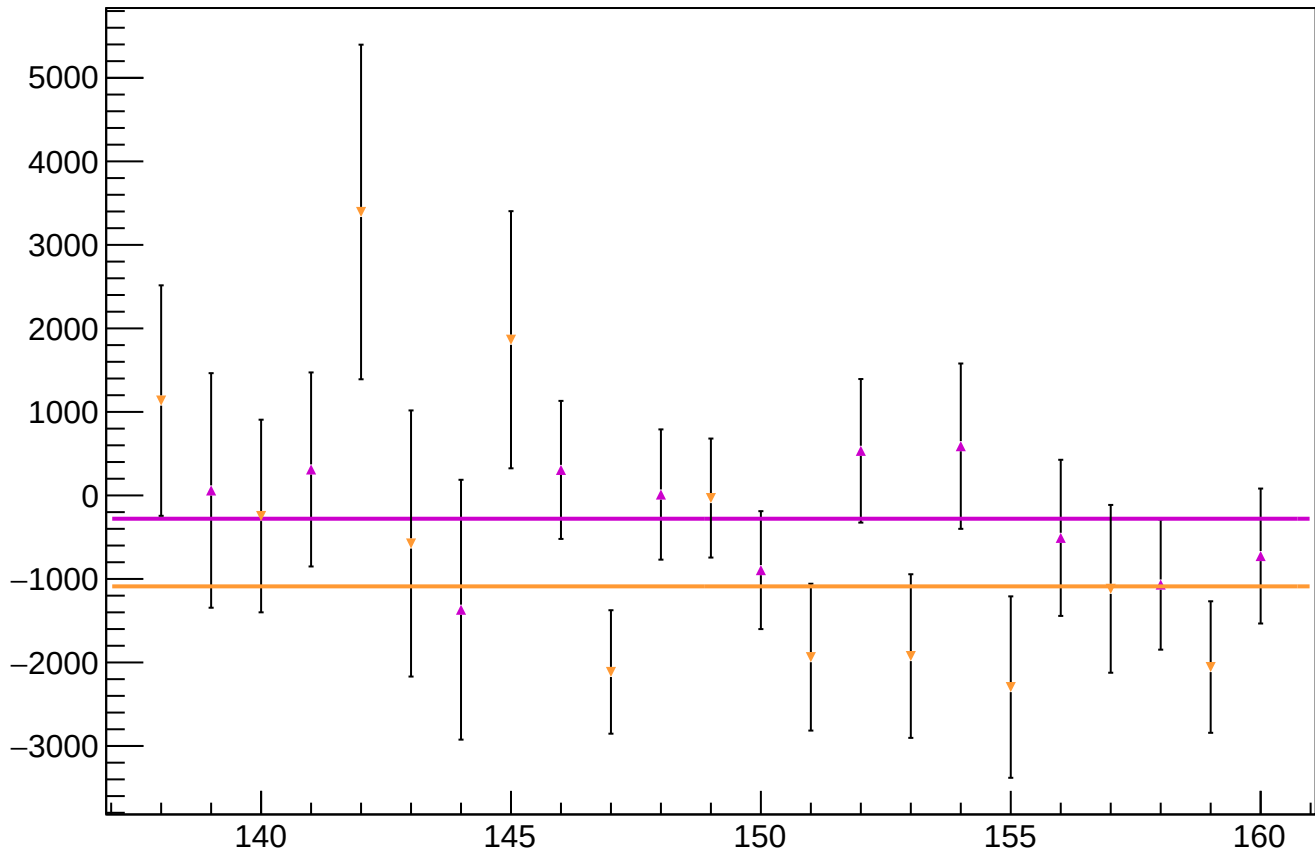
Left In: 2772.637 $\pm$ 0.652 χ^2 /NDF: 4462.6/10

+ sign 2812.888 $\pm$ 0.507 χ^2 /NDF: 682744.7/28

All: 2807.077 $\pm$ 0.355 χ^2 /NDF: 1004667.8/58

- sign 2801.502 $\pm$ 0.497 χ^2 /NDF: 321666.2/29

asym_atr1_correction_mean vs Slug



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

Left Out: -1088.955 $\pm$ 289.537 χ^2 /NDF:20.4/11

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

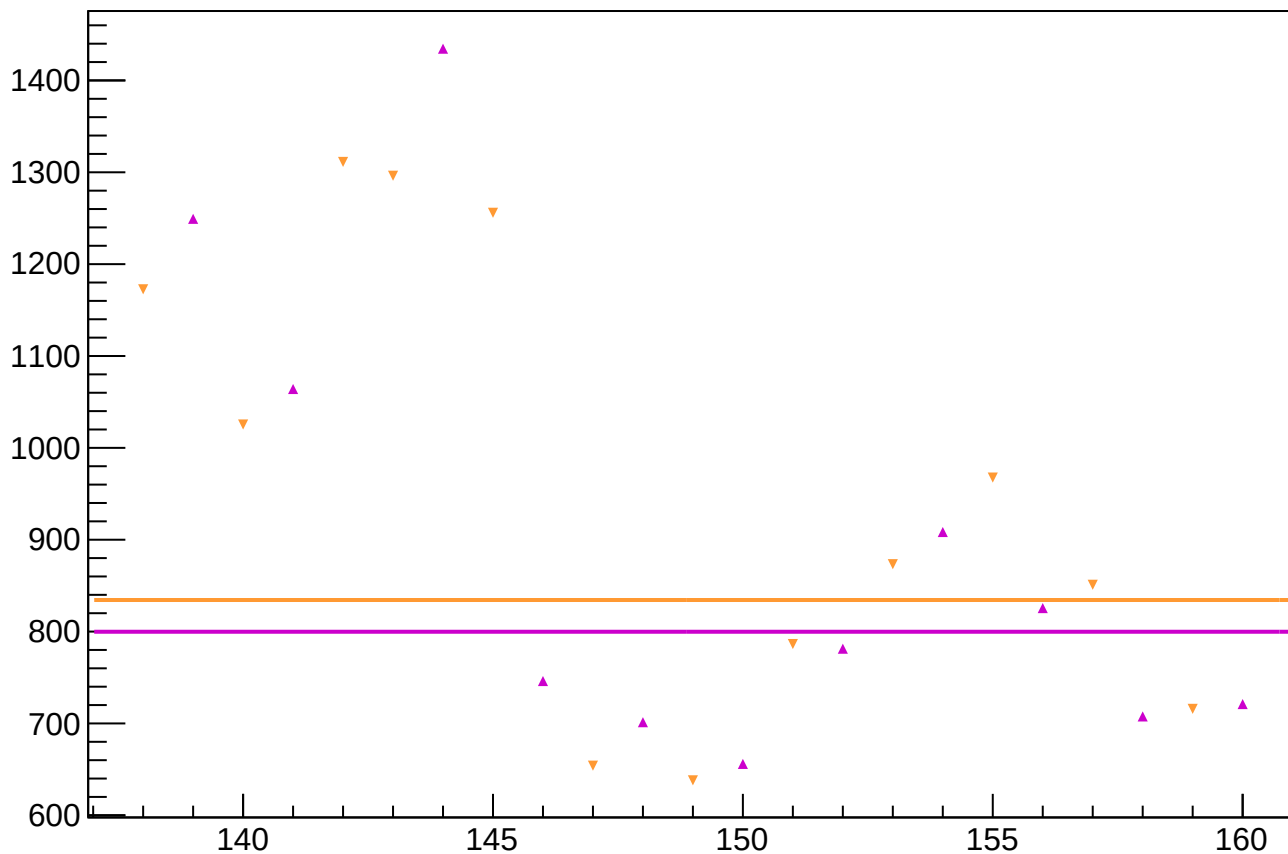
Left In: -278.970 $\pm$ 272.456 χ^2 /NDF:5.3/10

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

All: -659.366 $\pm$ 198.419 χ^2 /NDF: 29.9/22

- sign 0.000 $\pm$ 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: 834.375+/-0.205 χ^2/NDF : 962398.3/11

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

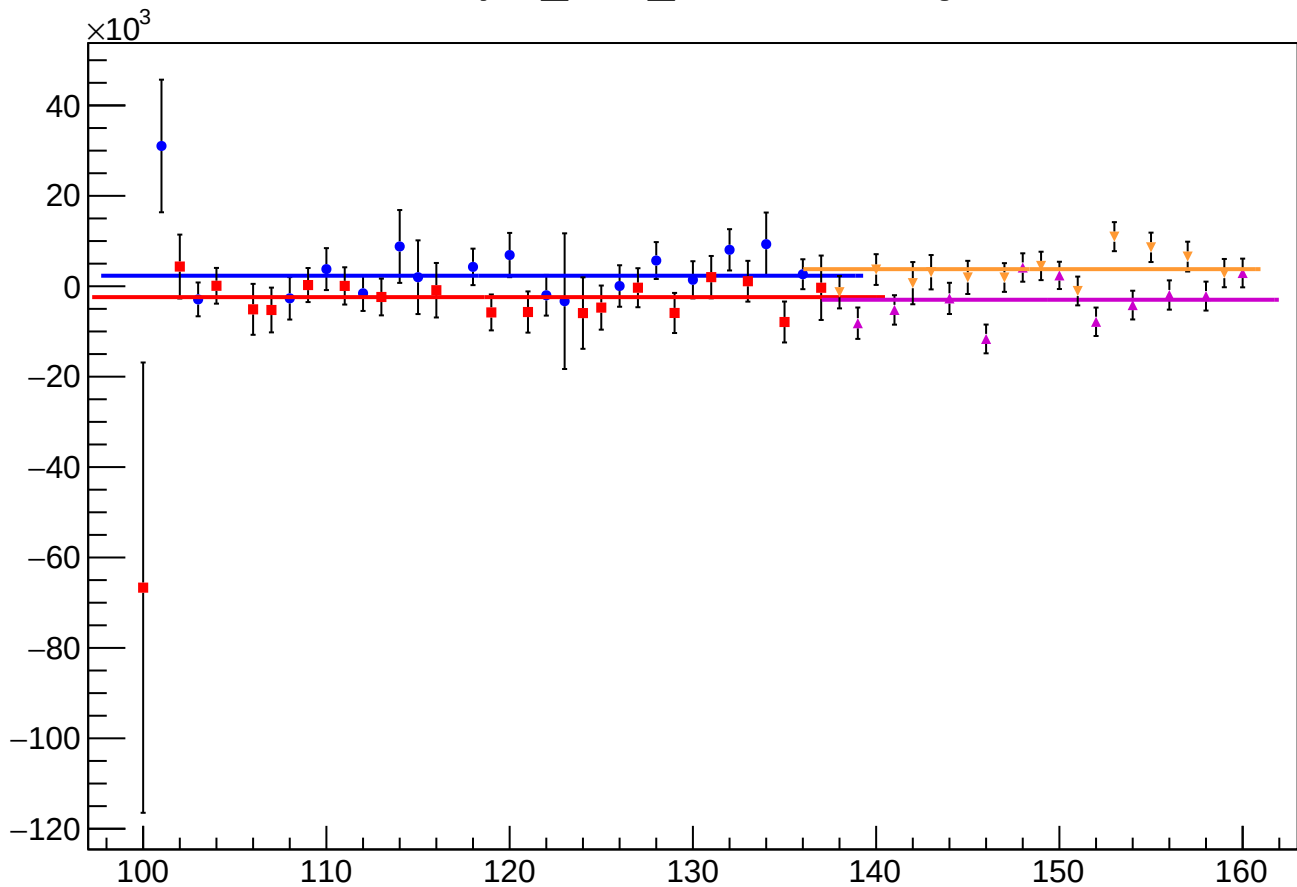
Left In: 799.818+/-0.193 χ^2/NDF : 838231.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.047+/-0.140 χ^2/NDF : 1815739.6/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 3783.855 $\pm$ 981.161 χ^2 /NDF:13.4/11

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

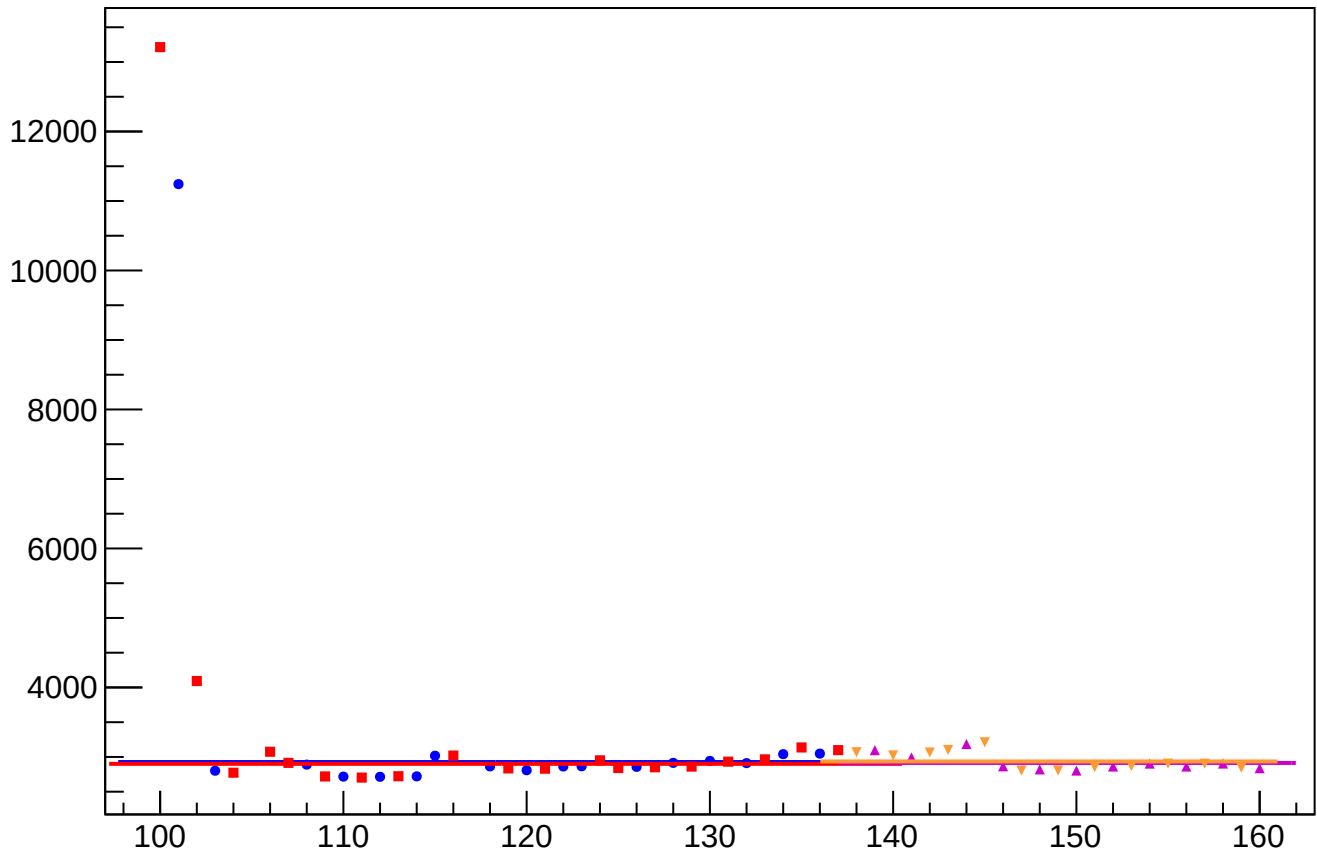
Left In: -2985.990 $\pm$ 969.553 χ^2 /NDF:24.7/10

+ sign 3175.471 $\pm$ 748.194 χ^2 /NDF: 28.8/28

All: 148.971 $\pm$ 522.591 χ^2 /NDF: 95.6/58

- sign -2734.038 $\pm$ 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: 2935.297 $\pm$ 0.694 χ^2 /NDF: 31709.0/11

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

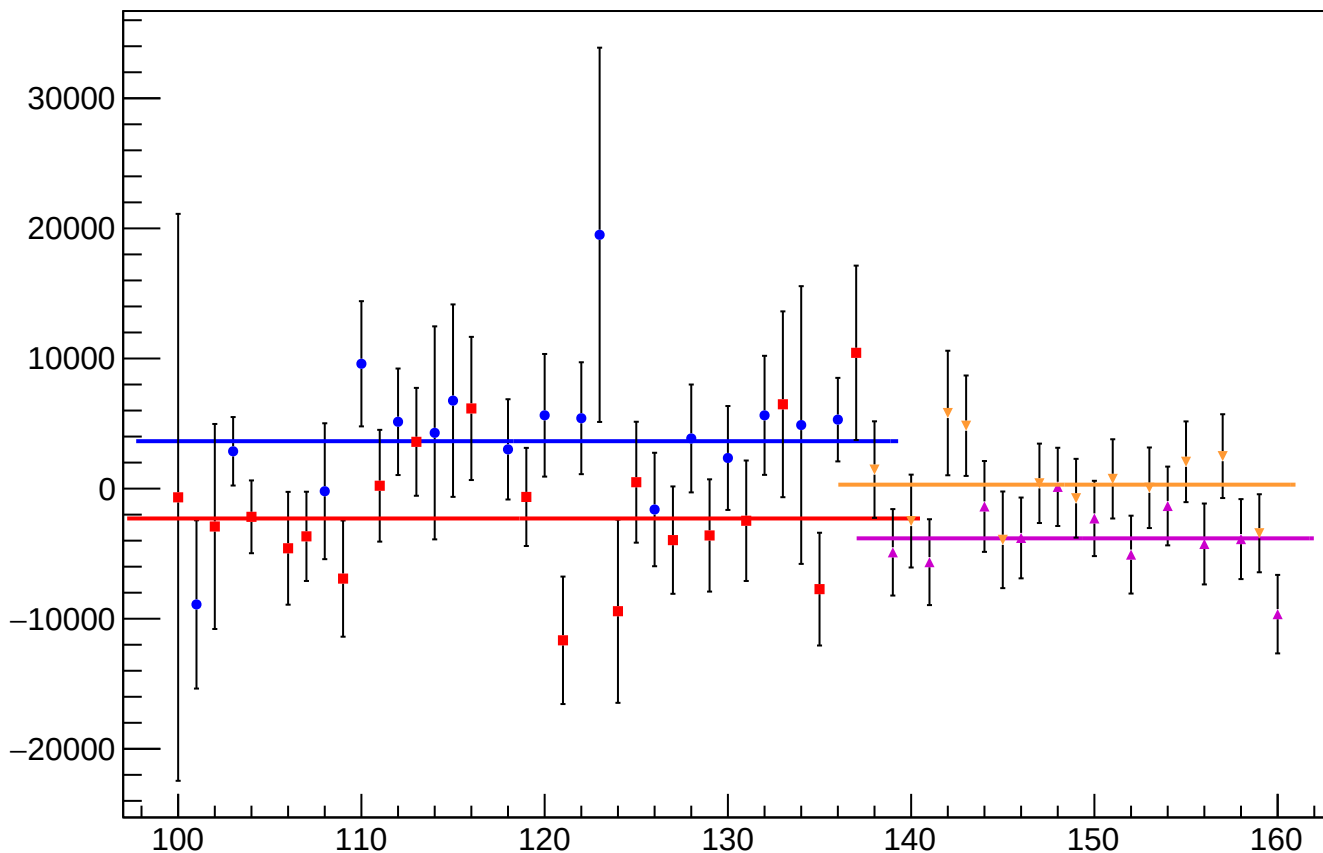
Left In: 2913.740 $\pm$ 0.686 χ^2 /NDF: 26312.6/10

+ sign 2931.662 $\pm$ 0.529 χ^2 /NDF: 694569.0/28

All: 2919.622 $\pm$ 0.370 χ^2 /NDF: 891913.0/58

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

dit_asym_atr2_mean vs Slug



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

Left Out: 303.657 $\pm$ 964.705 χ^2 /NDF: 7.2/11

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

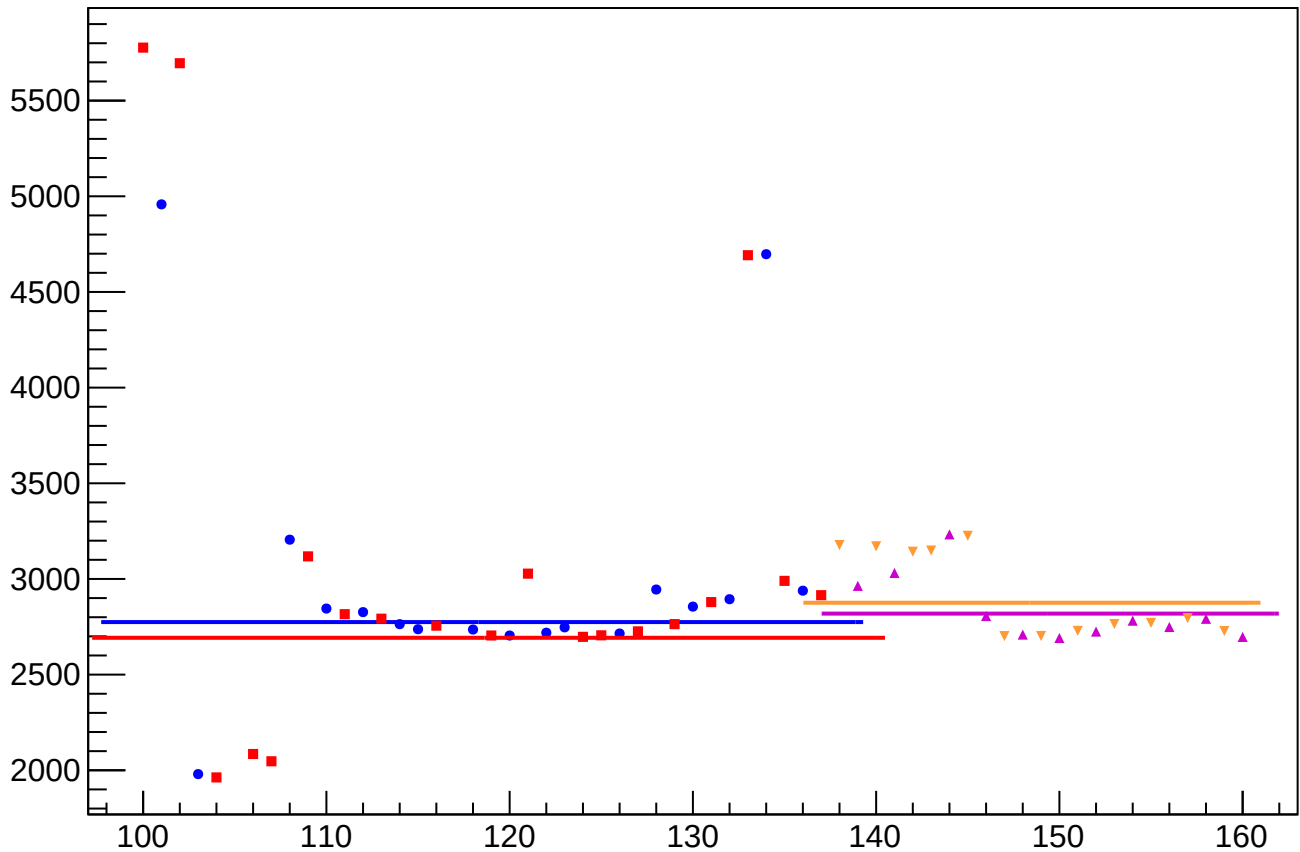
Left In: -3823.033 $\pm$ 937.391 χ^2 /NDF: 7.5/10

+ sign 1769.205 $\pm$ 722.837 χ^2 /NDF: 22.3/28

All: -771.761 $\pm$ 502.239 χ^2 /NDF: 73.3/58

- sign -3143.440 $\pm$ 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: 2875.737 $\pm$ 0.682 χ^2 /NDF: 89569.8/11

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

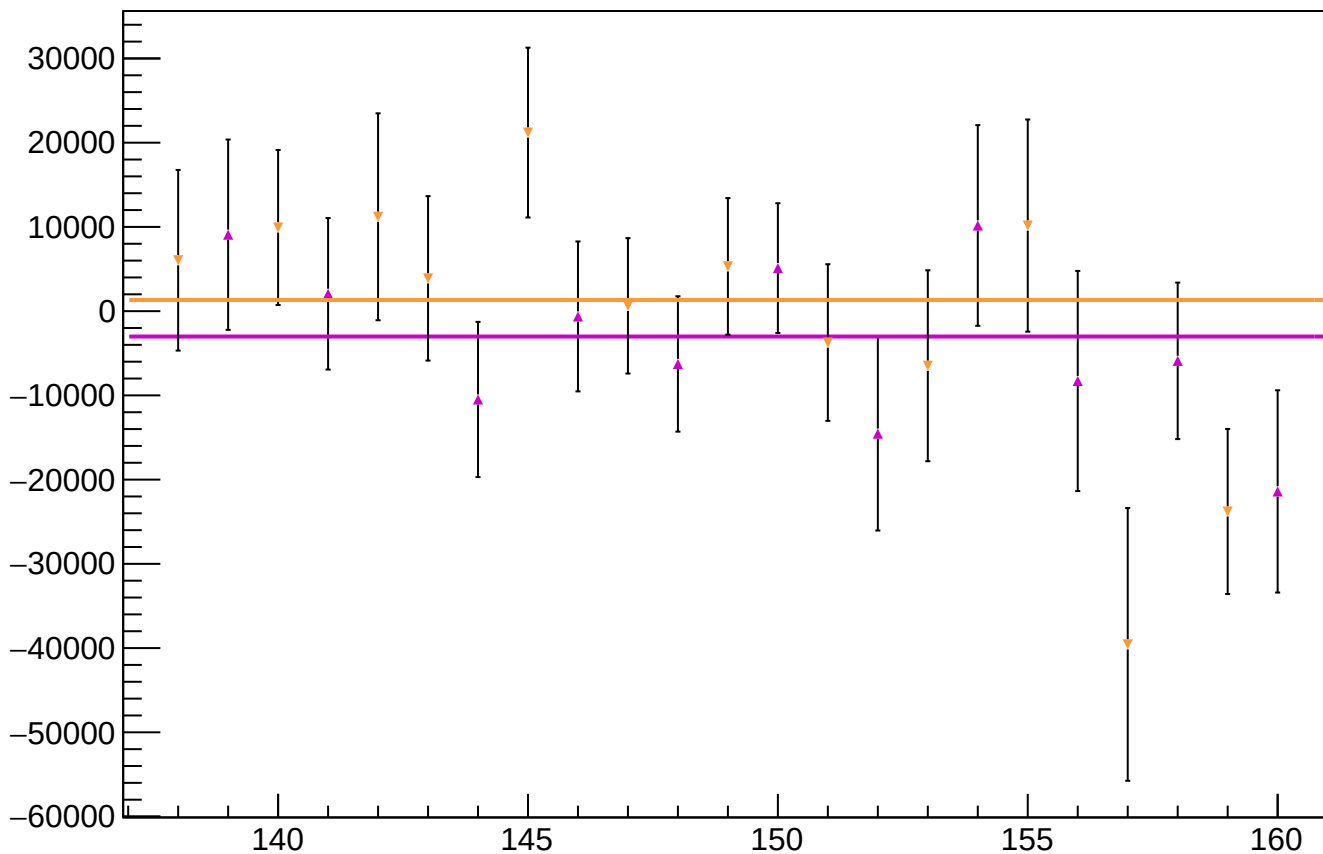
Left In: 2818.855 $\pm$ 0.663 χ^2 /NDF: 53512.9/10

+ sign 2831.388 $\pm$ 0.511 χ^2 /NDF: 600887.3/28

All: 2795.810 $\pm$ 0.355 χ^2 /NDF: 1460208.2/58

- 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: 1323.170+/-2910.404 χ^2/NDF :20.1/11

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

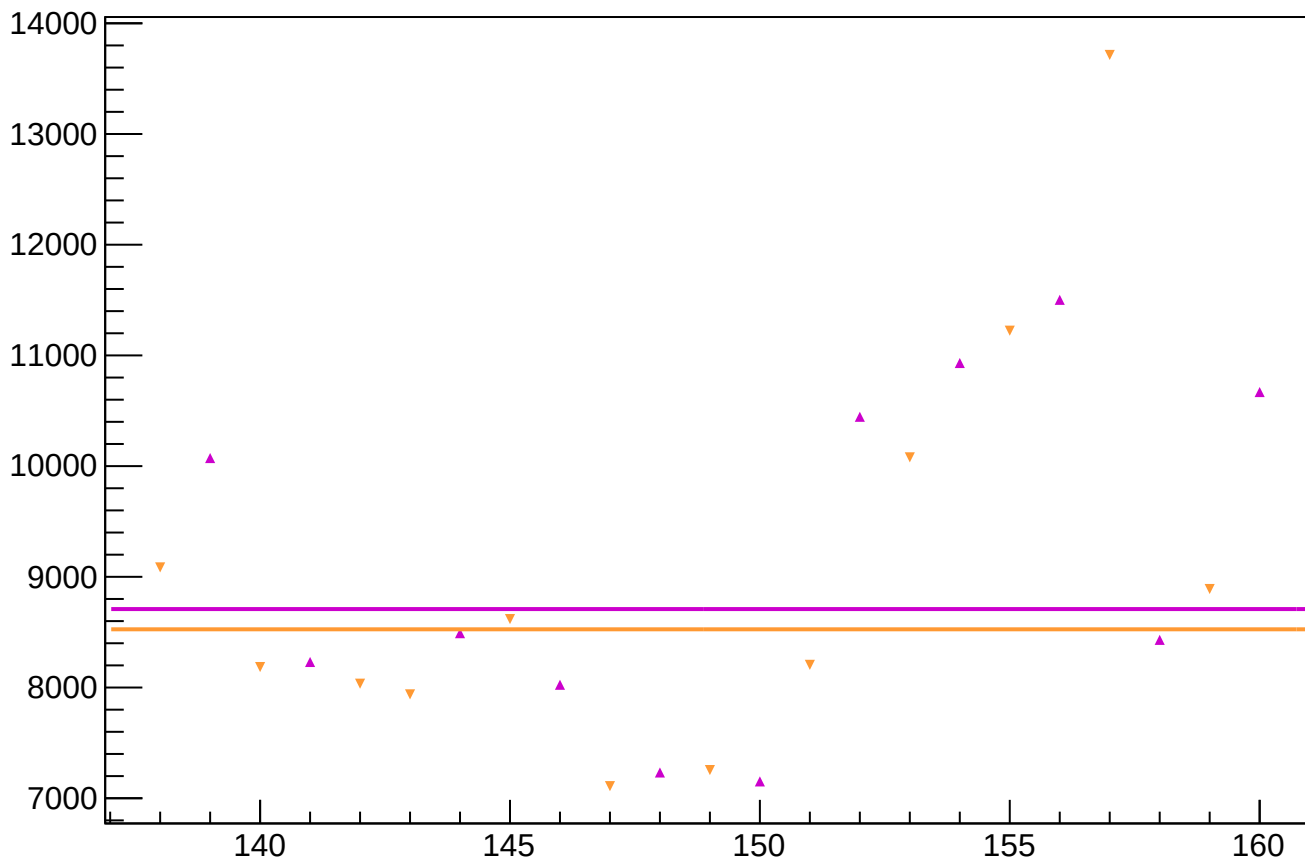
Left In: -3012.872+/-2936.847 χ^2/NDF :8.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -825.243+/-2067.252 χ^2/NDF : 29.5/22

- 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: 8525.908+/-2.058 χ^2/NDF :469982.6/11

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

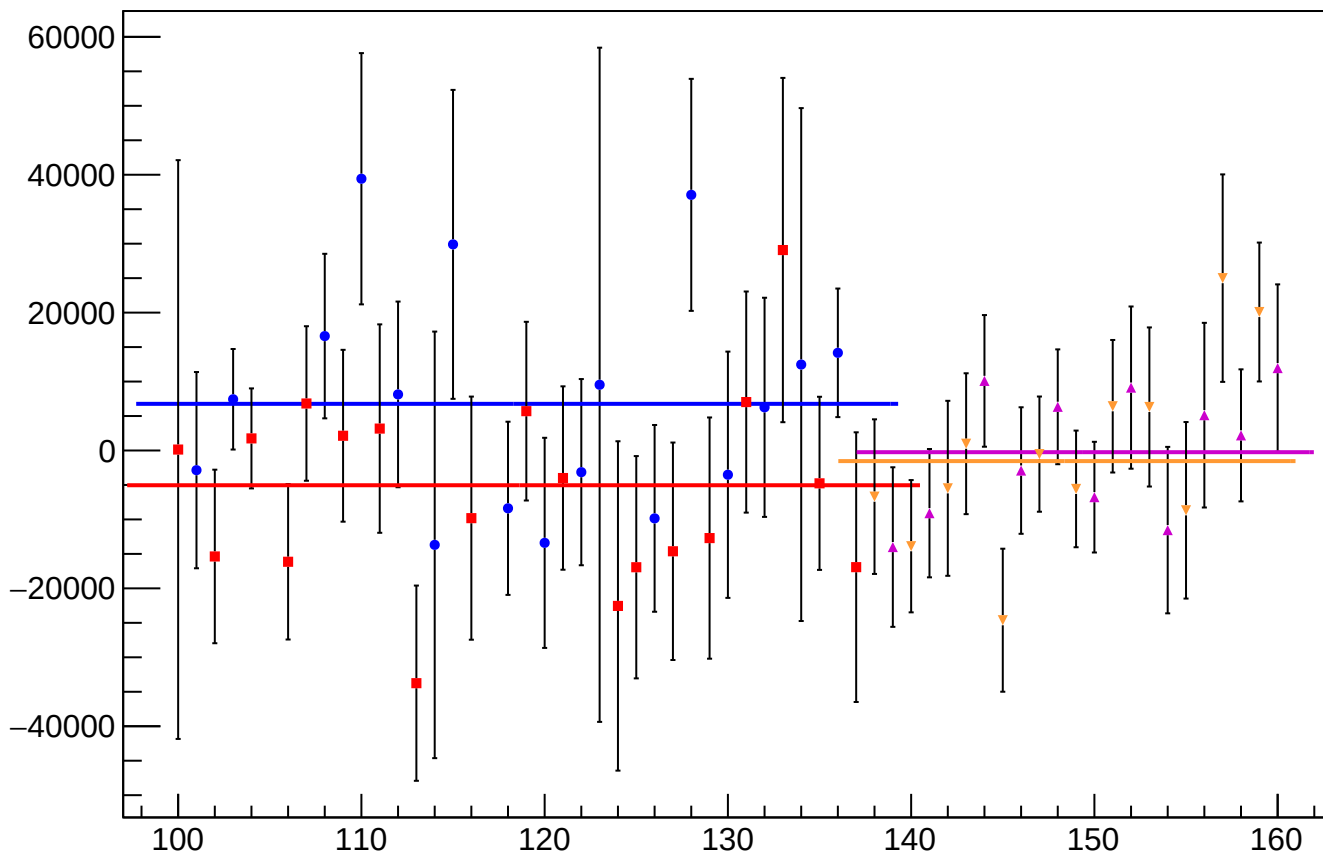
Left In: 8708.764+/-2.077 χ^2/NDF :458700.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8616.509+/-1.462 χ^2/NDF : 932594.2/22

- 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: -1539.066 $\pm$ 3003.076 χ^2 /NDF:16.4/11

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

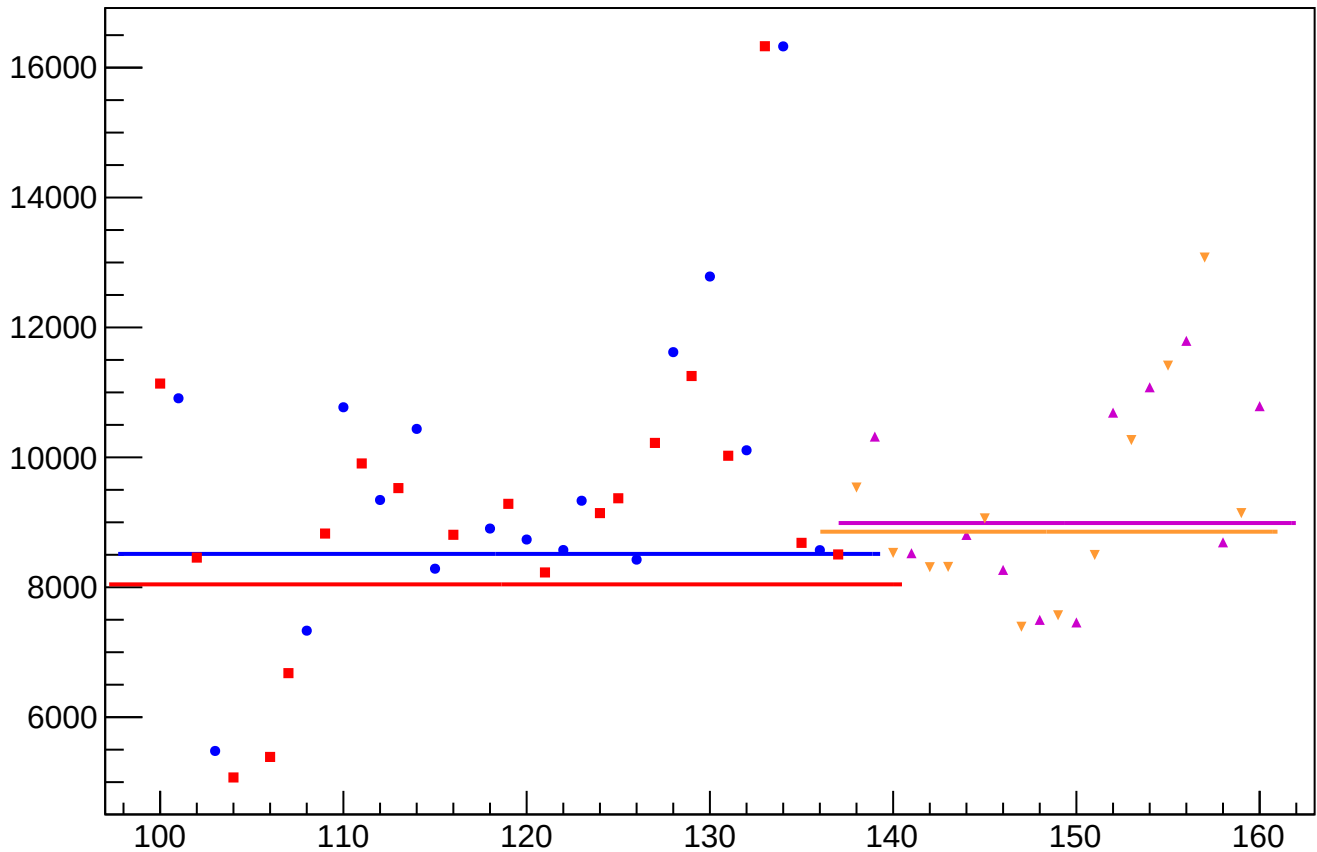
Left In: -245.391 $\pm$ 3027.265 χ^2 /NDF:7.6/10

+ sign 2116.731 $\pm$ 2247.067 χ^2 /NDF: 35.1/28

All: -270.410 $\pm$ 1567.813 χ^2 /NDF: 59.7/58

- 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: 8855.518+/-2.123 χ^2/NDF : 398701.2/11

+ sign 8705.063+/-1.589 χ^2/NDF : 1172721.8/28

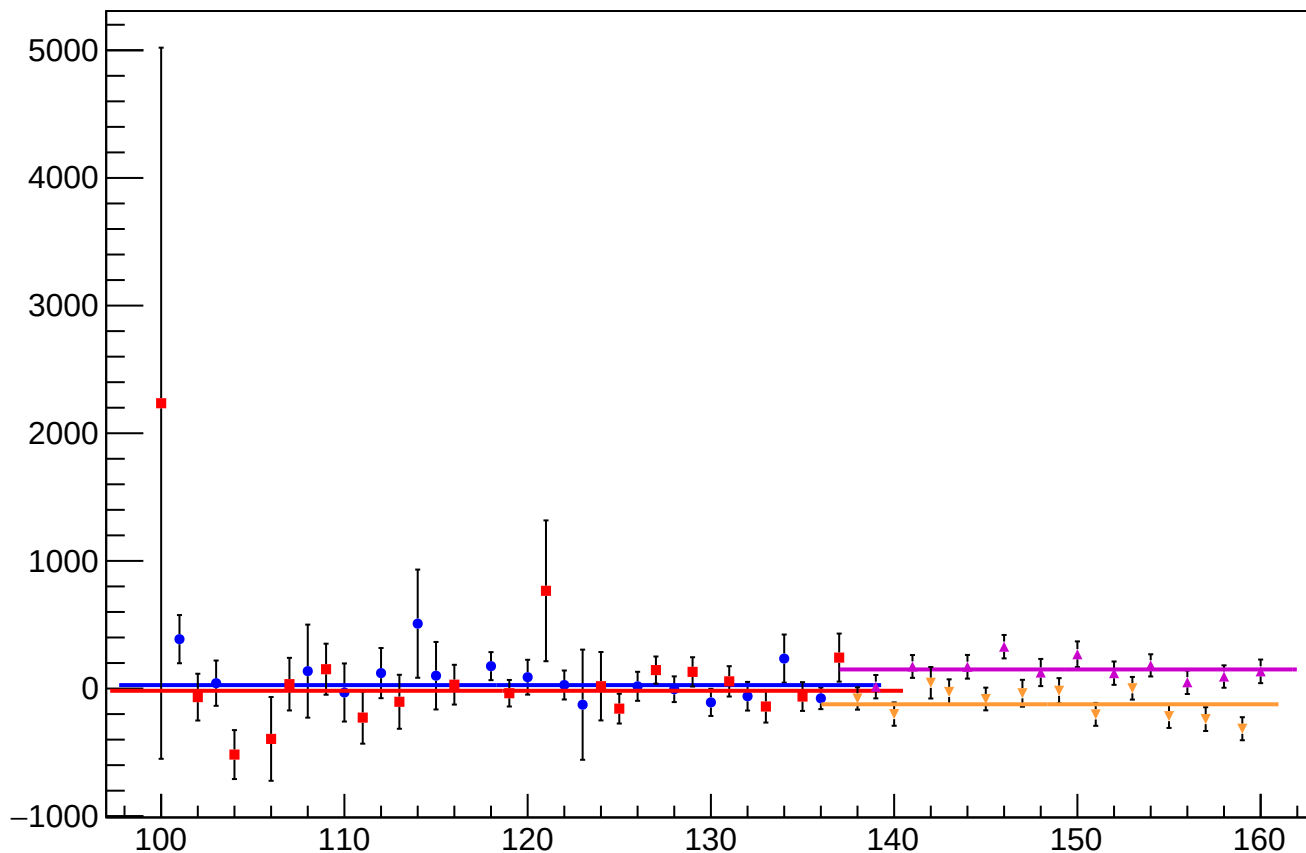
Right Out: 8044.739+/-2.240 χ^2/NDF : 952310.5/18

All: 8619.433+/-1.109 χ^2/NDF : 2640025.9/58

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

- 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: -123.234+/-27.276 χ^2/NDF : 15.7/11

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

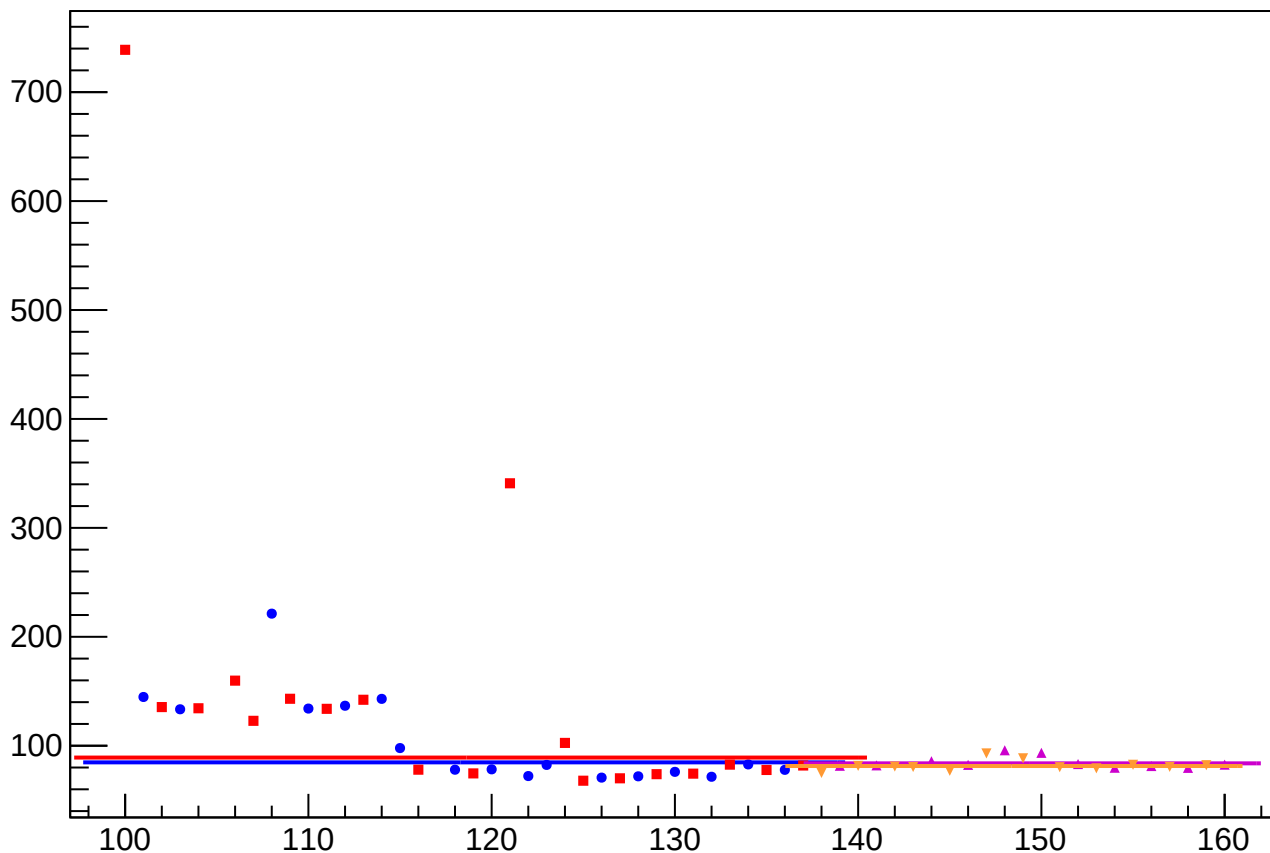
Left In: 149.709+/-27.914 χ^2/NDF : 9.4/10

+ sign -64.495+/-21.283 χ^2/NDF : 40.1/28

All: 8.405+/-15.281 χ^2/NDF : 109.3/58

- 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: 81.386+/-0.019 χ^2/NDF : 52073.5/11

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

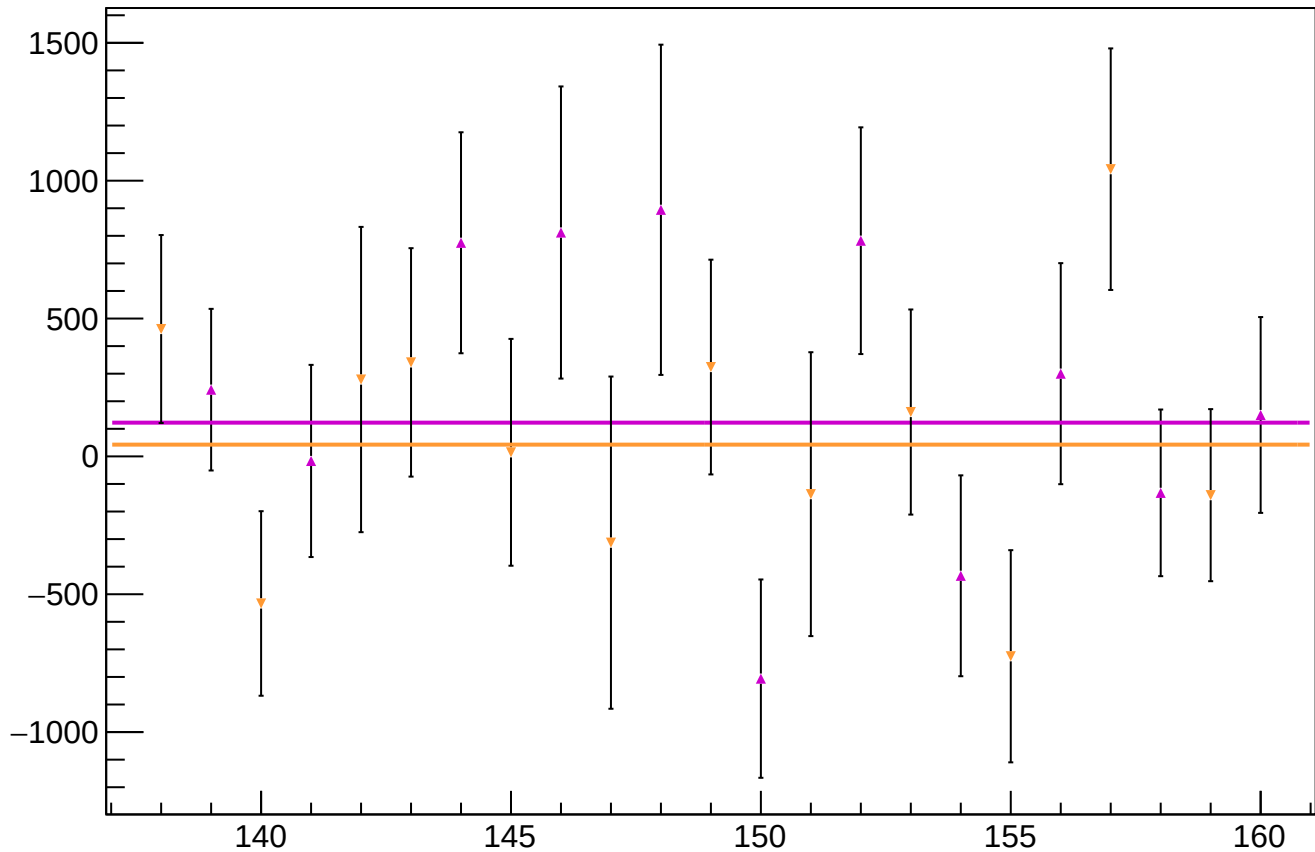
Left In: 83.835+/-0.020 χ^2/NDF : 57859.7/10

+ sign 82.697+/-0.015 χ^2/NDF : 1128300.4/28

All: 84.229+/-0.011 χ^2/NDF : 2794411.7/58

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

asym_sam1_correction_mean vs Slug



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

Left Out: 42.651+/-115.389 χ^2/NDF : 15.8/11

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

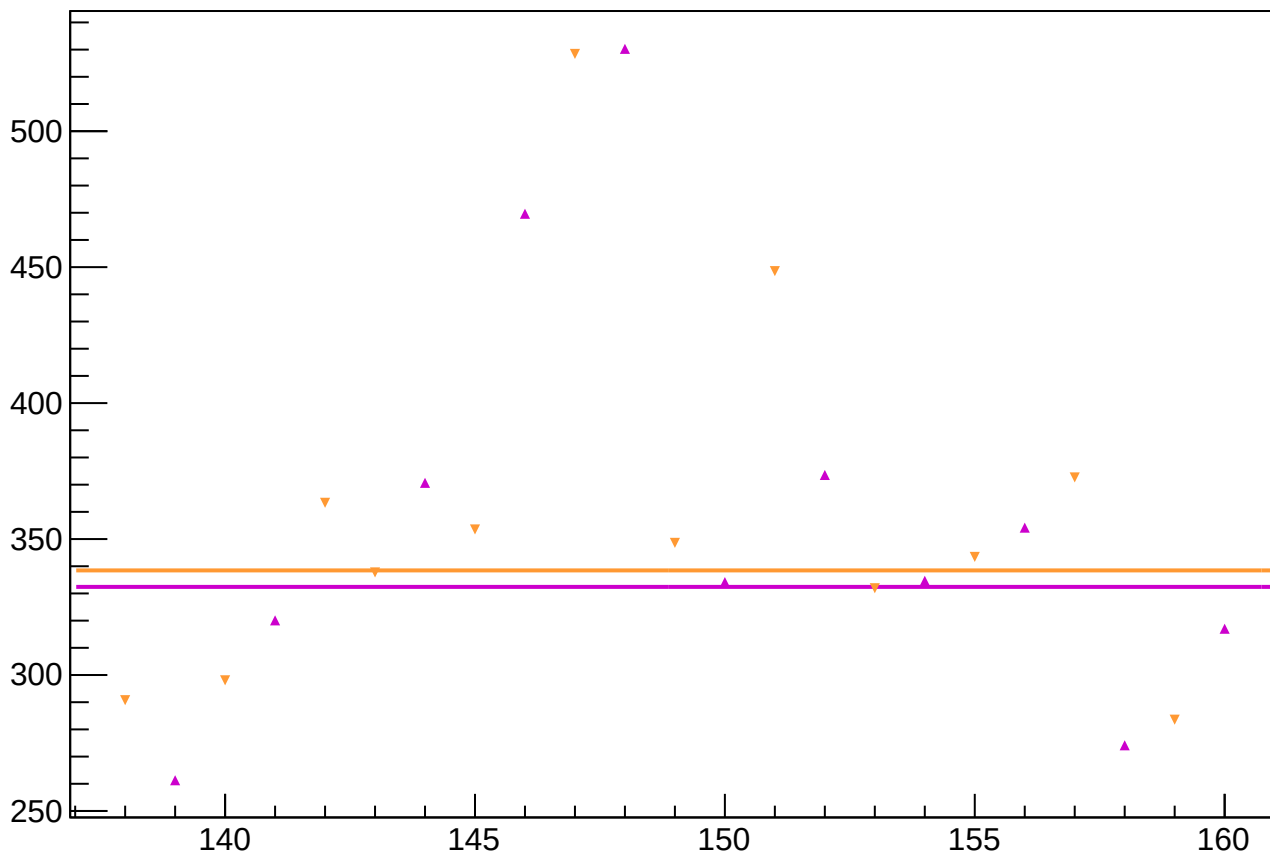
Left In: 122.363+/-112.704 χ^2/NDF : 18.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.445+/-80.626 χ^2/NDF : 34.9/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug



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

Left Out: 338.471+/-0.082 χ^2/NDF : 441649.4/11

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

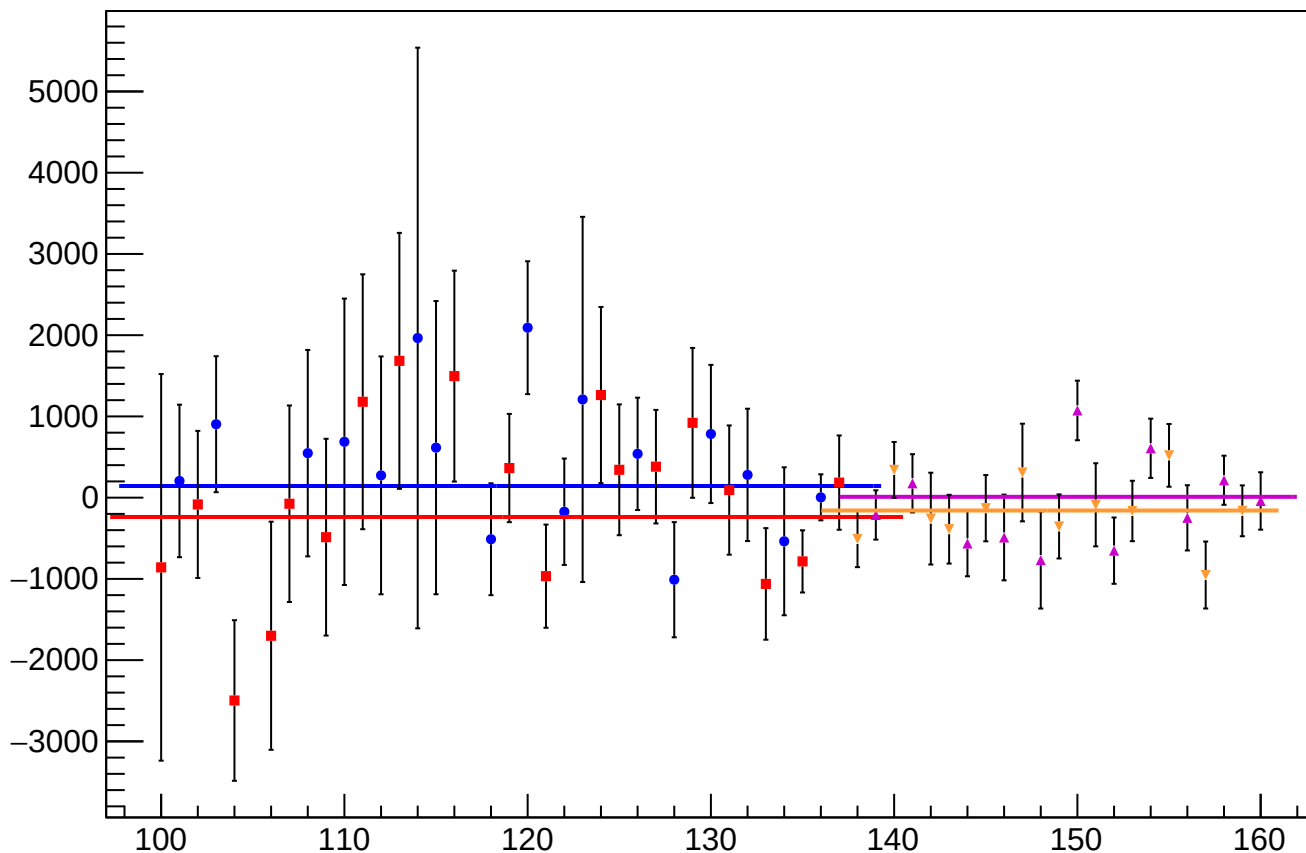
Left In: 332.410+/-0.080 χ^2/NDF : 595048.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.369+/-0.057 χ^2/NDF : 1039522.7/22

- 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: -158.138 ± 115.806 χ^2/NDF : 11.2/11

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

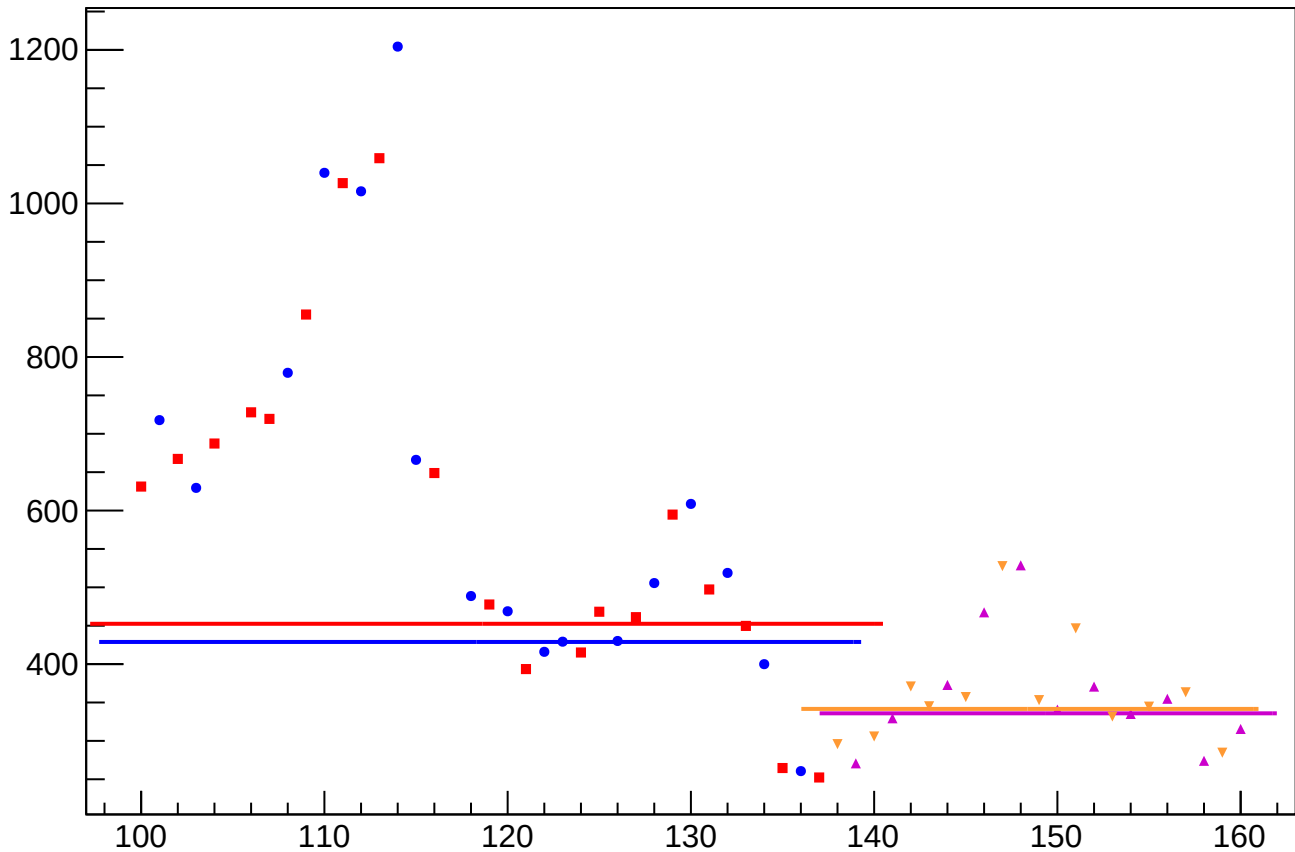
Left In: 10.273 ± 113.754 χ^2/NDF : 20.0/10

+ sign -69.307 ± 97.270 χ^2/NDF : 25.9/28

All: -63.791 ± 68.598 χ^2/NDF : 68.9/58

- 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: 341.649+/-0.082 χ^2/NDF : 415816.6/11

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

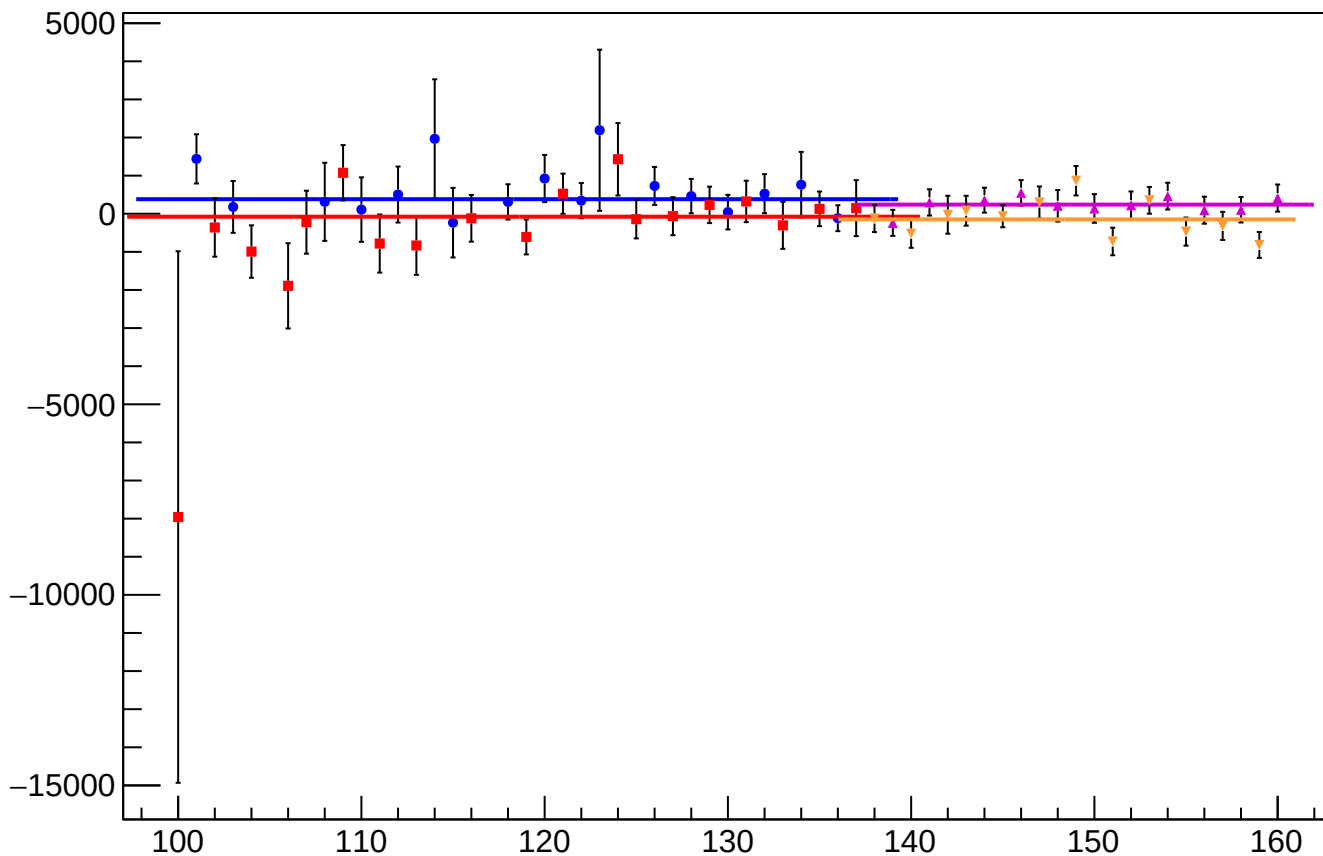
Left In: 335.891+/-0.080 χ^2/NDF : 552420.6/10

+ sign 367.332+/-0.069 χ^2/NDF : 2762163.0/28

All: 367.739+/-0.049 χ^2/NDF : 5935228.7/58

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

dit_asym_sam2_mean vs Slug



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

Left Out: -147.758 ± 105.968 χ^2/NDF : 19.0/11

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

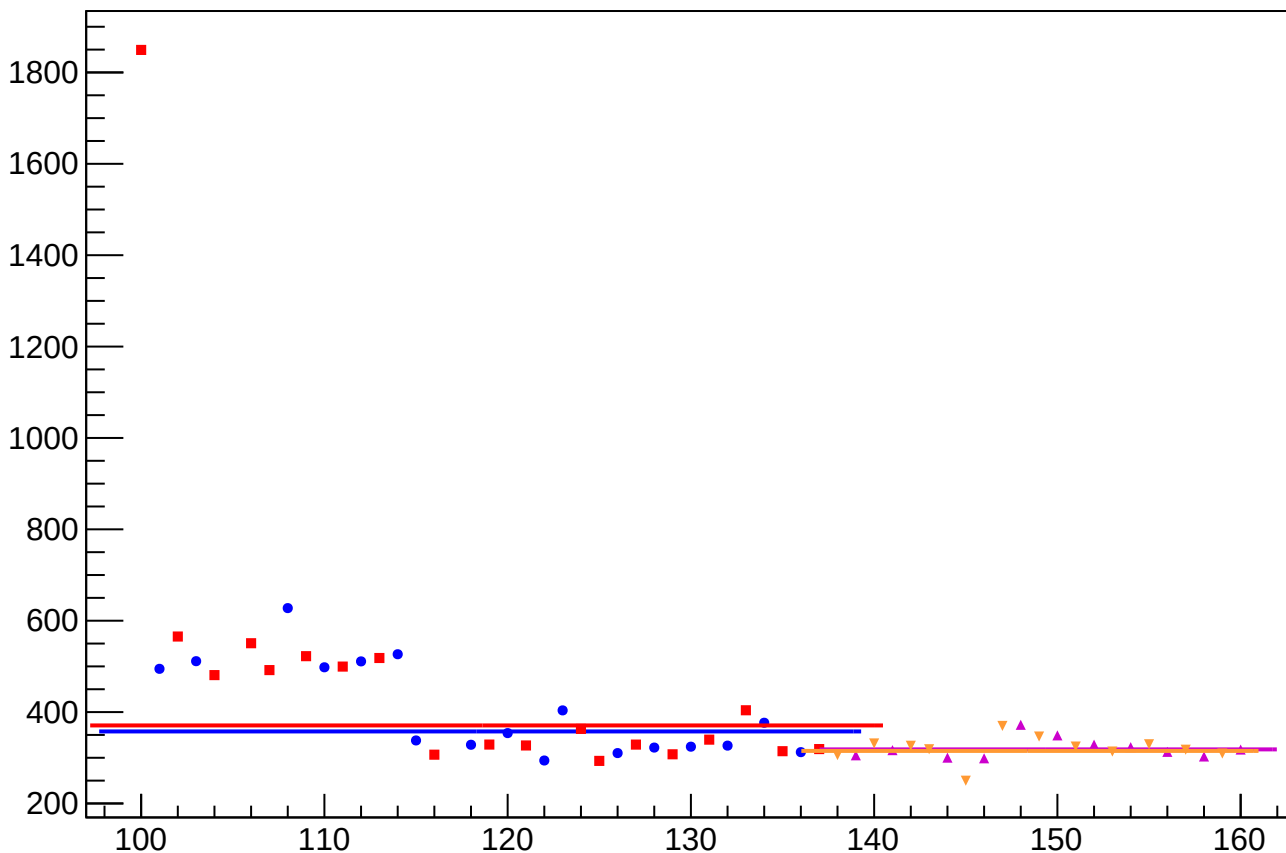
Left In: 239.768 ± 106.146 χ^2/NDF : 4.0/10

+ sign 43.086 ± 84.753 χ^2/NDF : 37.4/28

All: 85.026 ± 60.133 χ^2/NDF : 61.8/58

- sign 127.539 ± 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: 315.017 $\pm$ 0.075 χ^2 /NDF: 160493.2/11

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

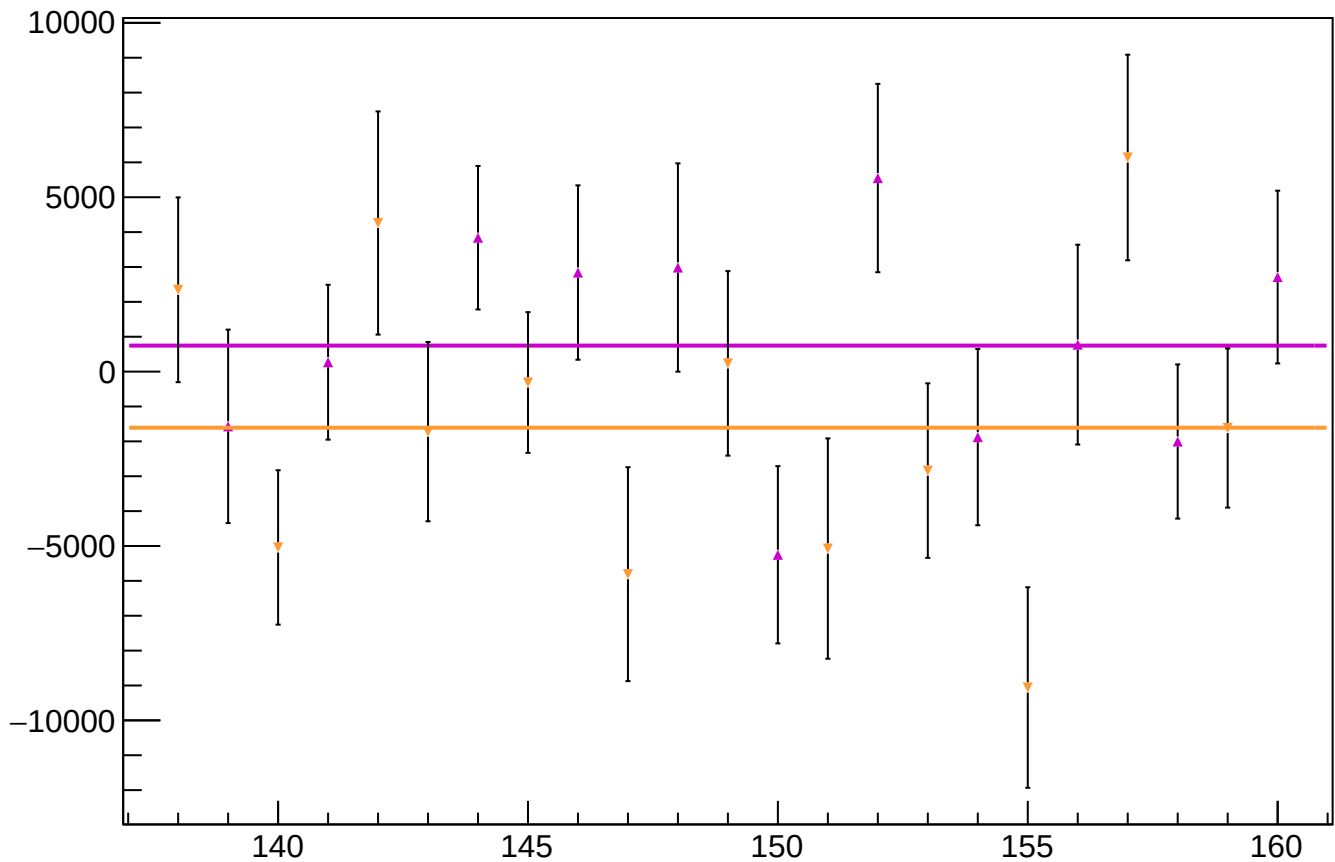
Left In: 318.361 $\pm$ 0.075 χ^2 /NDF: 69858.0/10

+ sign 330.384 $\pm$ 0.060 χ^2 /NDF: 906884.8/28

All: 333.624 $\pm$ 0.043 χ^2 /NDF: 1940051.2/58

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

asym_sam2_correction_mean vs Slug



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

Left Out: -1608.681+/-749.900 χ^2/NDF : 25.8/11

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

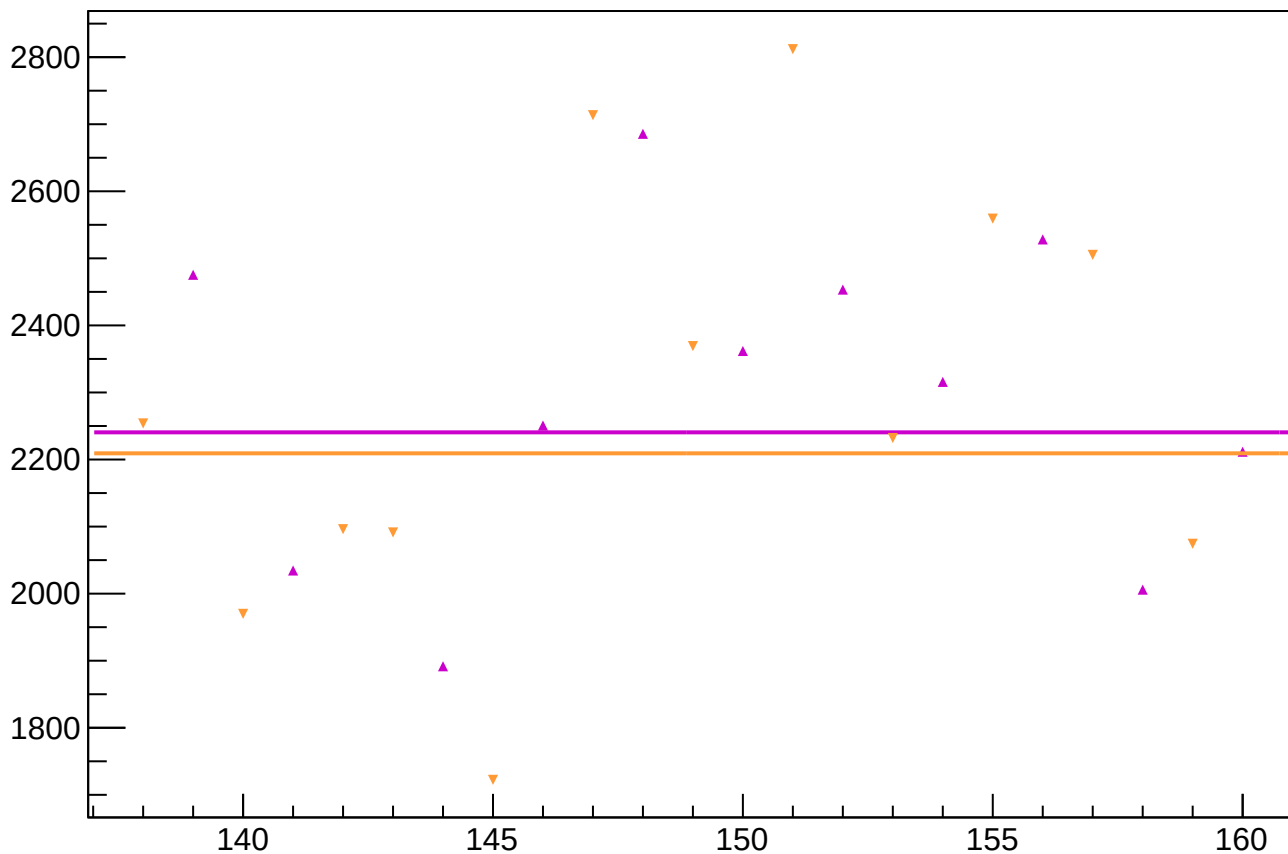
Left In: 745.470+/-749.635 χ^2/NDF : 16.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -431.189+/-530.166 χ^2/NDF : 47.0/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_correction_rms vs Slug



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

Left Out: 2209.248+/-0.530 χ^2/NDF :338190.7/11

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

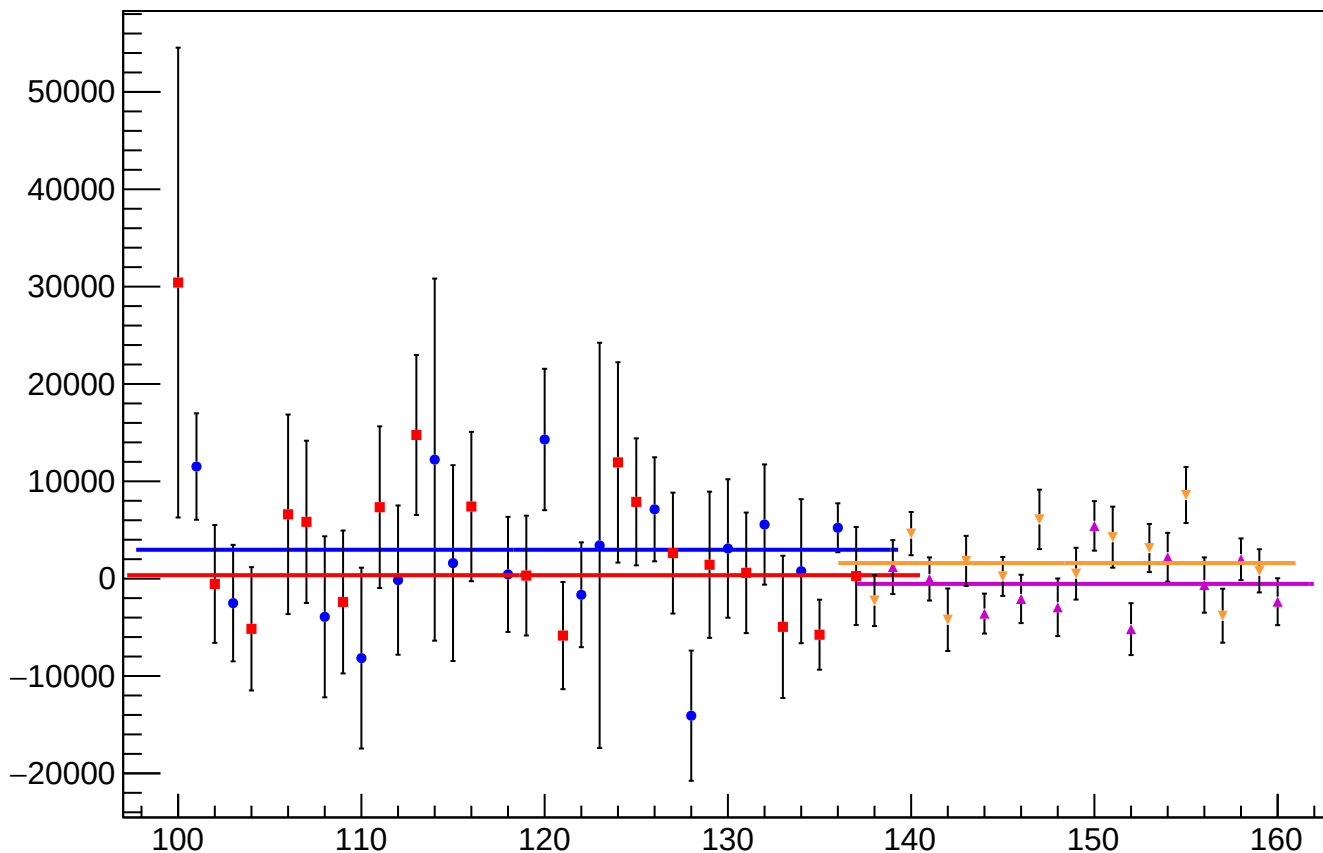
Left In: 2240.543+/-0.530 χ^2/NDF :195290.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2224.901+/-0.375 χ^2/NDF : 535223.7/22

- 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: 1604.695 $\pm$ 741.984 χ^2 /NDF:21.1/11

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

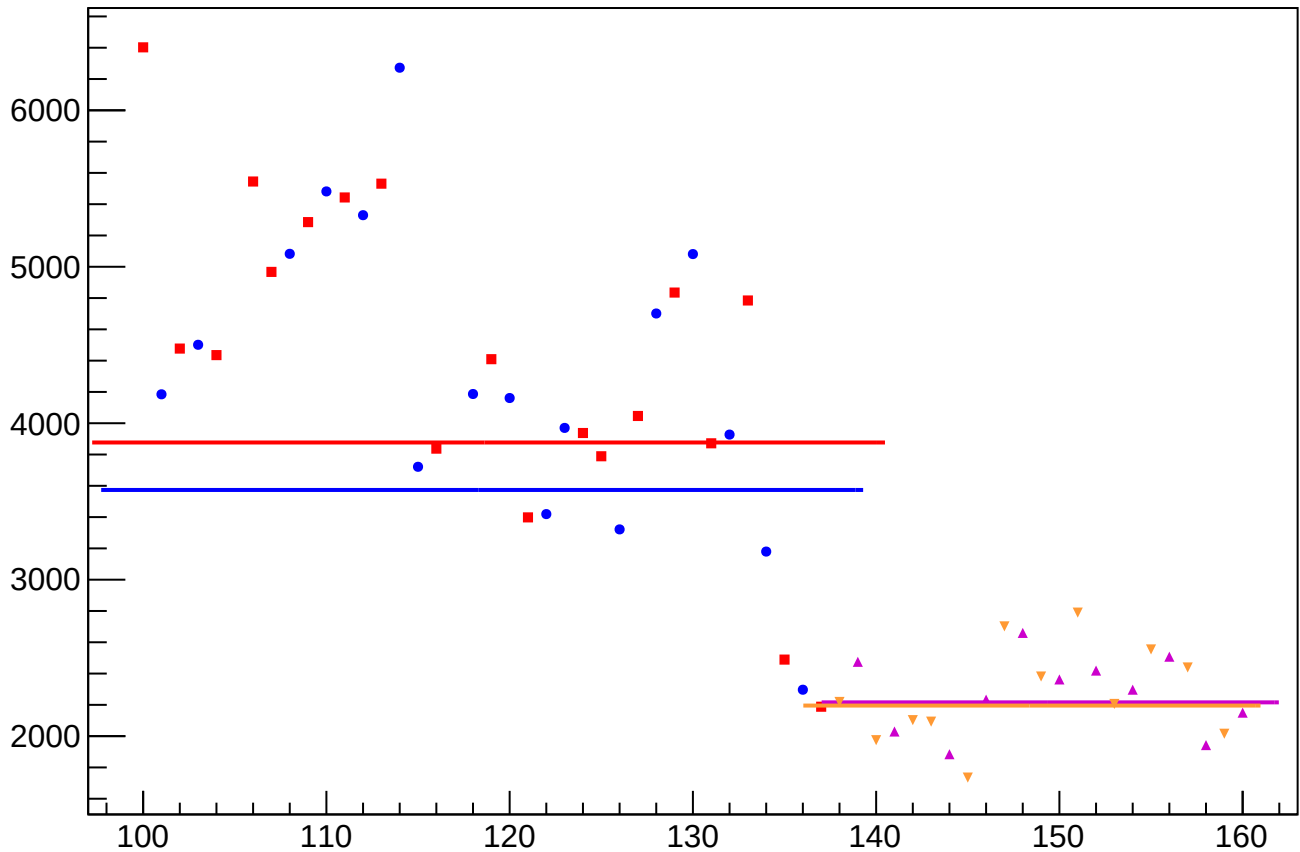
Left In: -537.016 $\pm$ 741.943 χ^2 /NDF:15.4/10

+ sign 1890.797 $\pm$ 659.621 χ^2 /NDF: 39.2/28

All: 774.507 $\pm$ 468.539 χ^2 /NDF: 76.0/58

- 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: 2195.455+/-0.525 χ^2/NDF : 327370.6/11

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

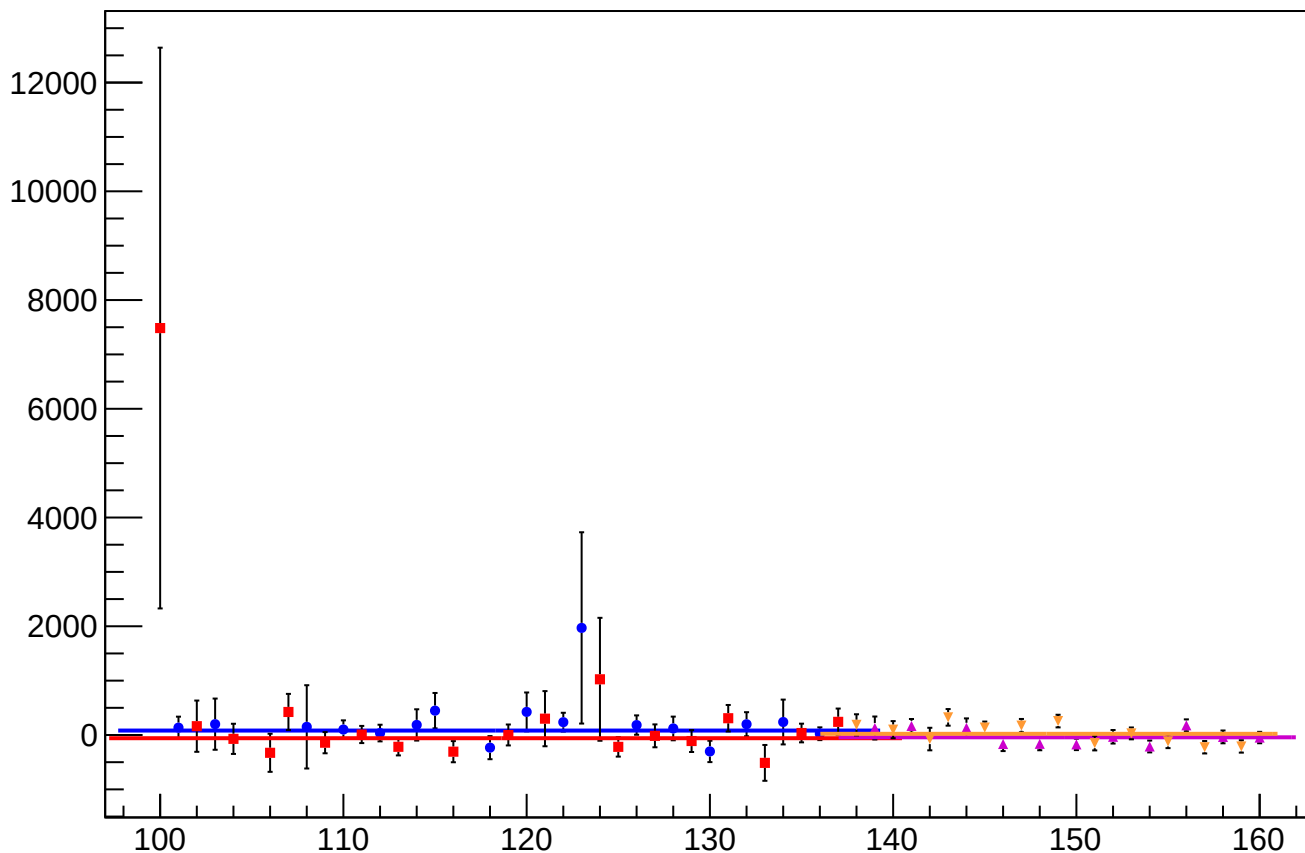
Left In: 2215.915+/-0.525 χ^2/NDF : 204448.2/10

+ sign 2484.405+/-0.466 χ^2/NDF : 2862599.1/28

All: 2511.926+/-0.331 χ^2/NDF : 6017969.3/58

- 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: 21.855+/-37.392 χ^2/NDF : 23.6/11

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

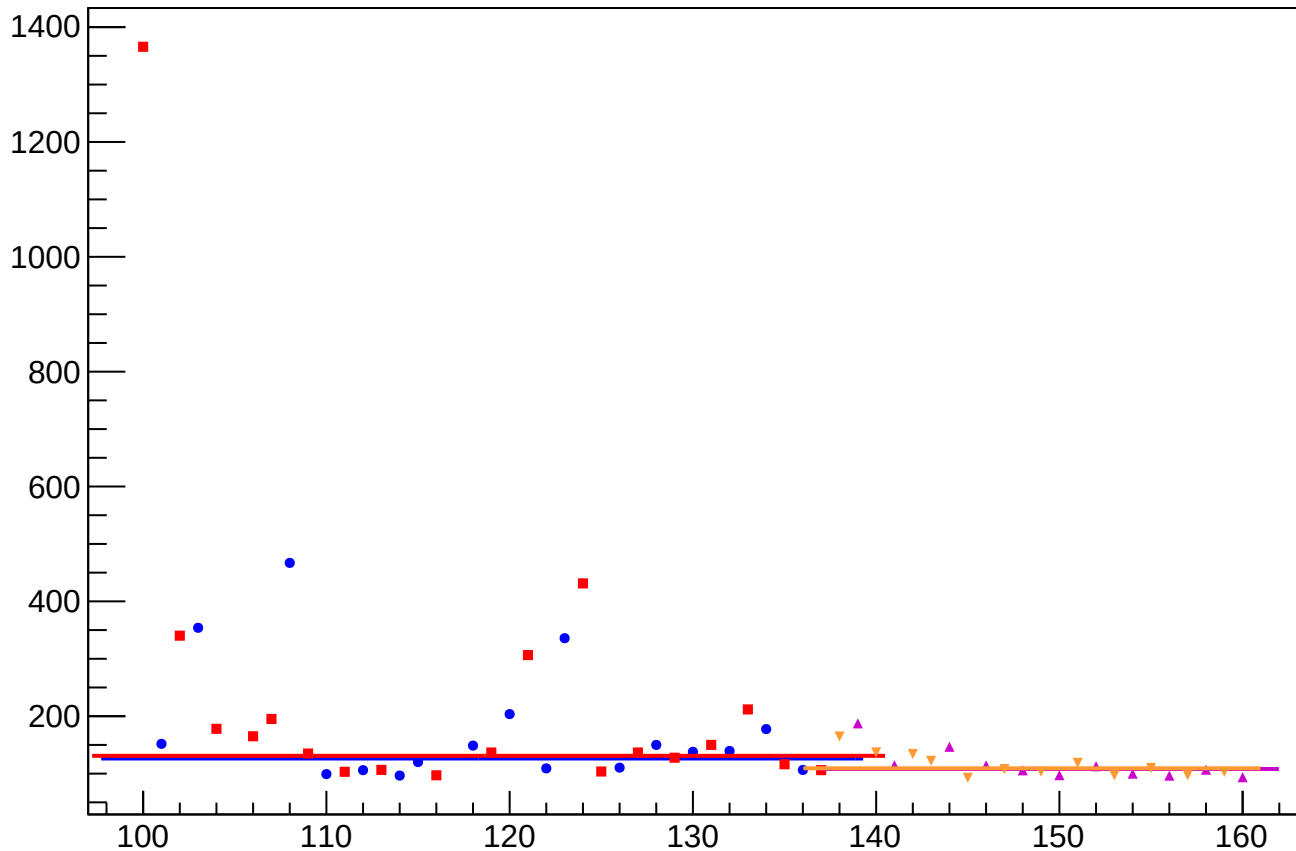
Left In: -42.309+/-36.973 χ^2/NDF : 14.2/10

+ sign 42.352+/-30.340 χ^2/NDF : 36.0/28

All: -2.679+/-21.459 χ^2/NDF : 71.1/58

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

dit_asym_sam3_rms vs Slug



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

Left Out: 109.269 $\pm$ 0.026 χ^2 /NDF: 379919.9/11

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

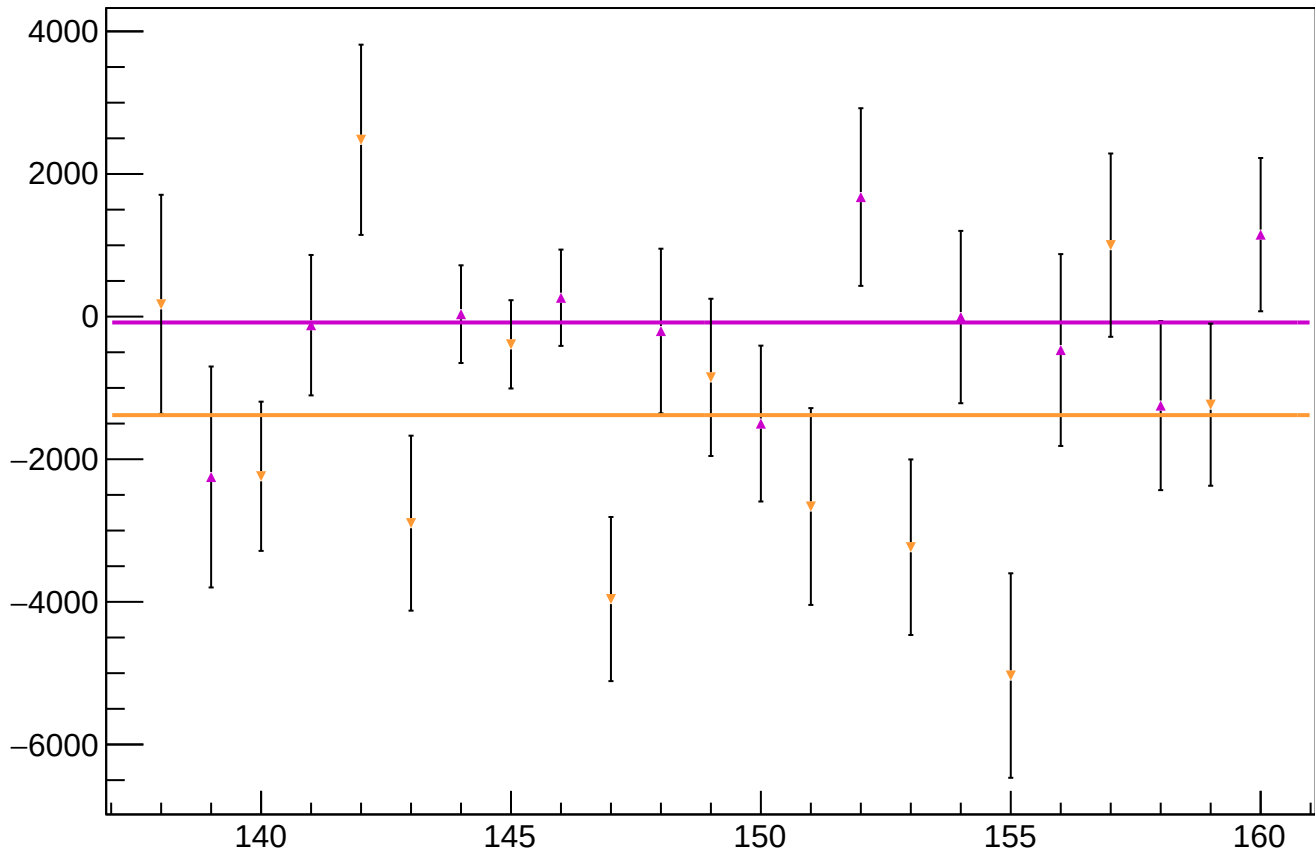
Left In: 108.045 $\pm$ 0.026 χ^2 /NDF: 487388.3/10

+ sign 115.101 $\pm$ 0.021 χ^2 /NDF: 1832910.3/28

All: 115.315 $\pm$ 0.015 χ^2 /NDF: 4001229.1/58

- sign 115.530 $\pm$ 0.021 χ^2 /NDF: 2168118.9/29

asym_sam3_correction_mean vs Slug



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

Left Out: -1381.365+/-319.414 χ^2/NDF : 32.5/11

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

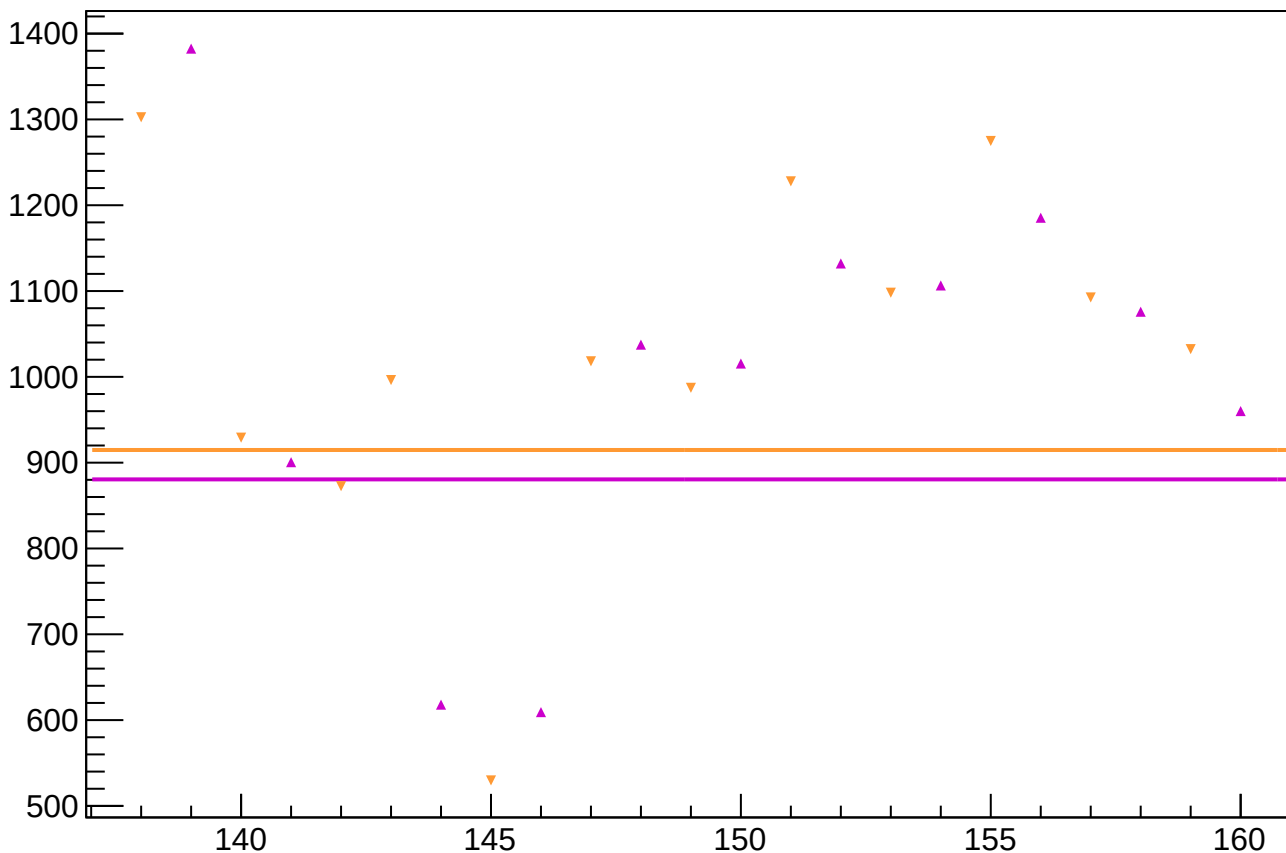
Left In: -82.298+/-304.018 χ^2/NDF : 8.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -699.771+/-220.215 χ^2/NDF : 49.5/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug



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

Left Out: 914.775+/-0.226 χ^2/NDF : 1270165.7/11

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

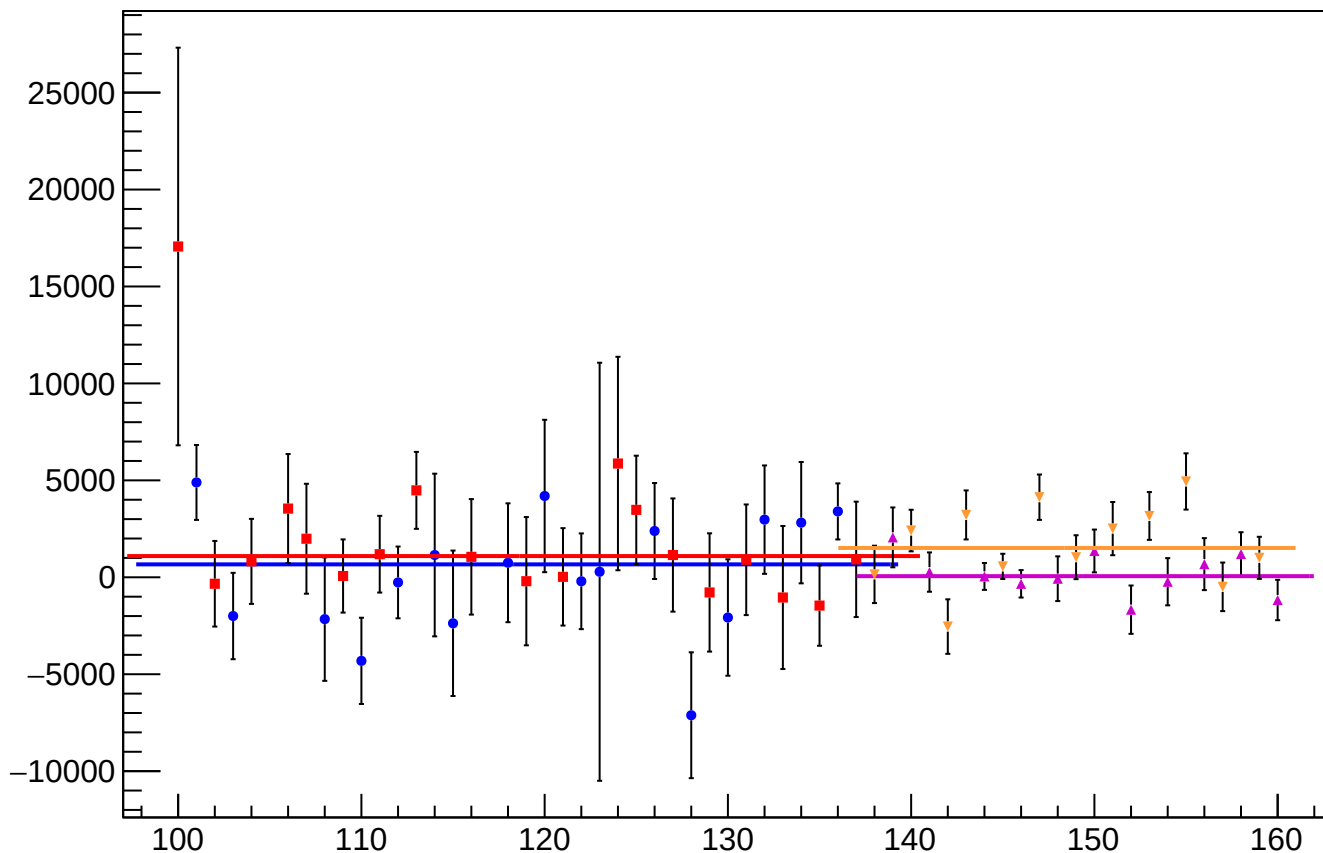
Left In: 880.507+/-0.215 χ^2/NDF : 1214302.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 896.795+/-0.156 χ^2/NDF : 2496546.2/22

- 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: 1513.006 ± 324.735 χ^2/NDF : 29.7/11

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

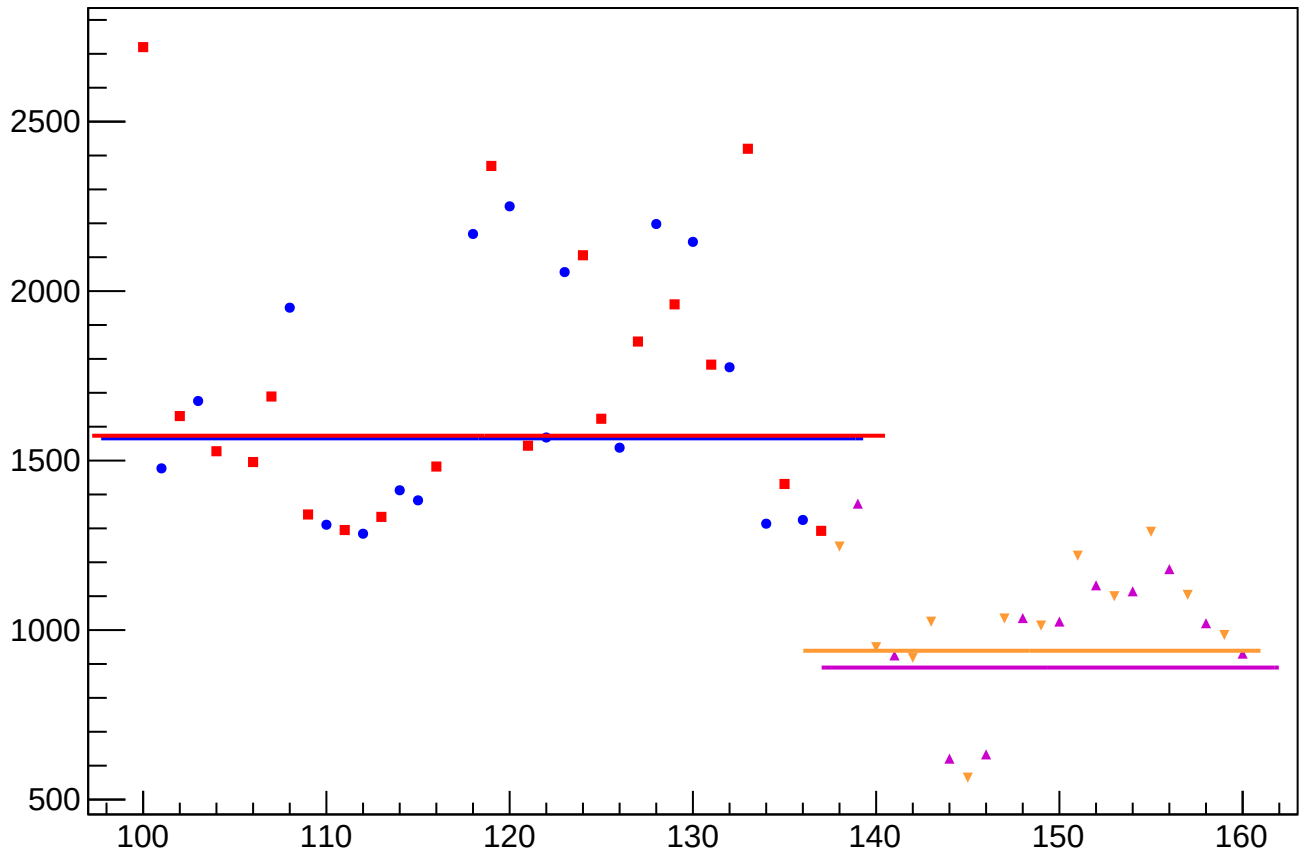
Left In: 58.395 ± 306.780 χ^2/NDF : 8.0/10

+ sign 1330.228 ± 287.550 χ^2/NDF : 56.8/28

All: 774.210 ± 198.134 χ^2/NDF : 85.3/58

- 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: 939.051+/-0.230 χ^2/NDF : 1053948.7/11

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

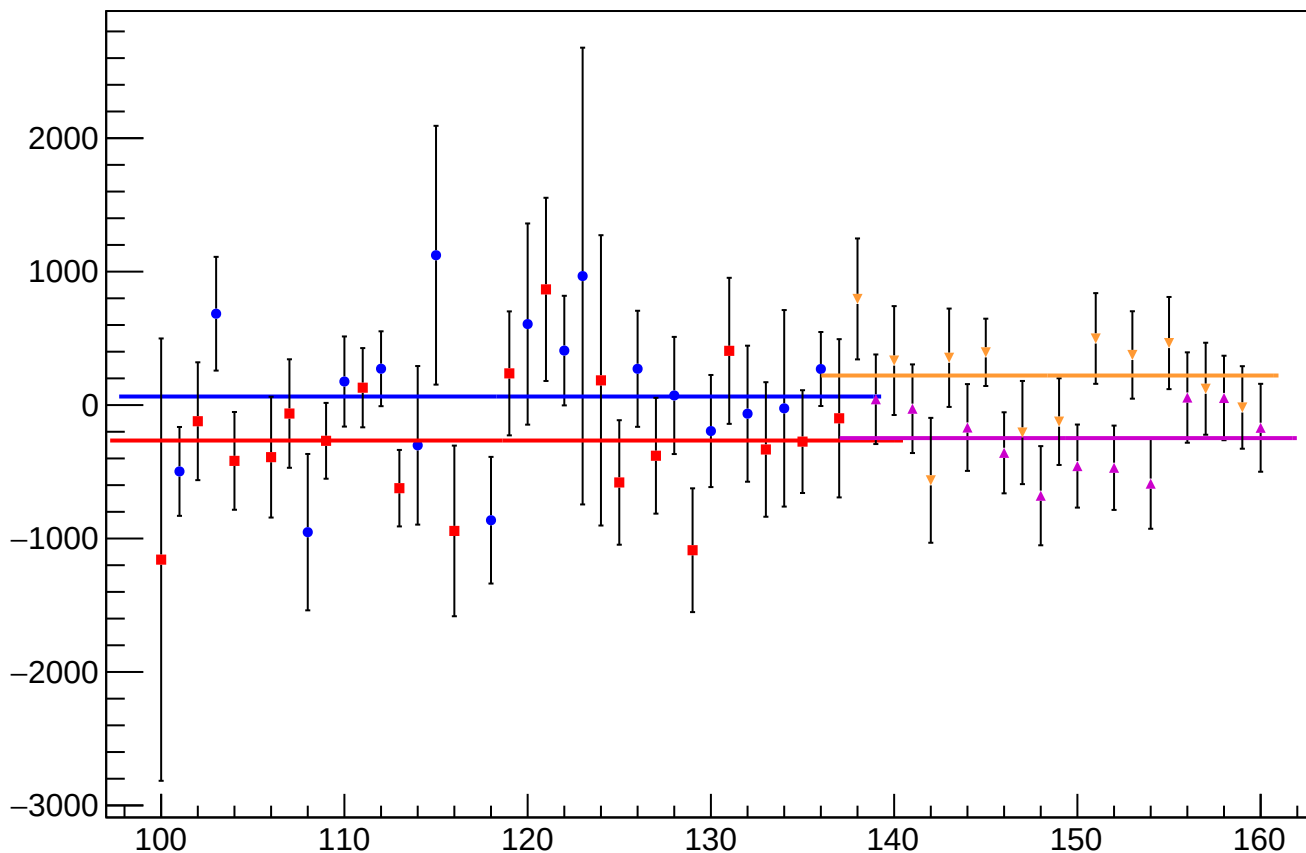
Left In: 889.405+/-0.217 χ^2/NDF : 1091462.5/10

+ sign 1074.333+/-0.203 χ^2/NDF : 3152355.9/28

All: 1051.138+/-0.140 χ^2/NDF : 6776619.7/58

- 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: 221.475+/-100.034 χ^2/NDF : 9.5/11

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

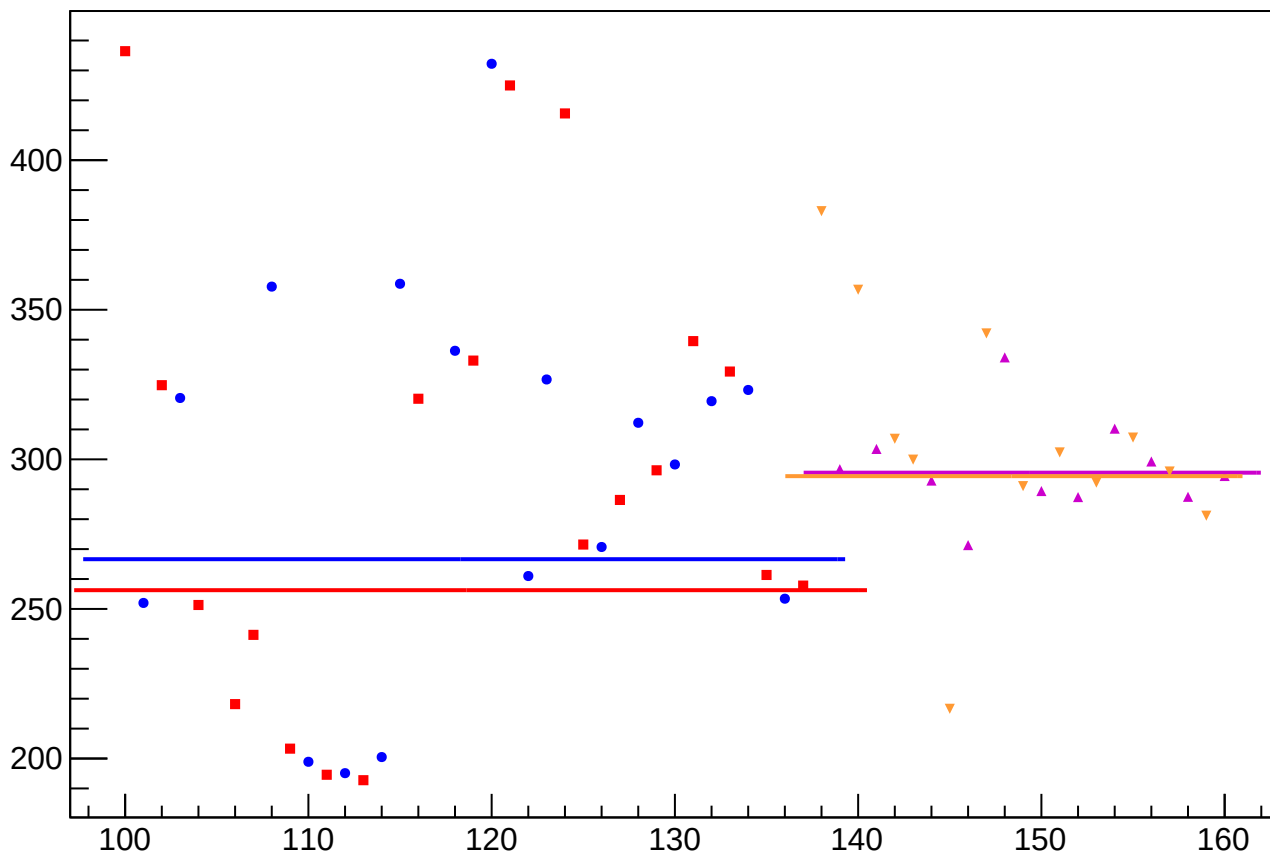
Left In: -247.524+/-98.780 χ^2/NDF : 6.5/10

+ sign 146.842+/-72.537 χ^2/NDF : 27.4/28

All: -61.854+/-50.392 χ^2/NDF : 64.6/58

- 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: 294.383 $\pm$ 0.071 χ^2 /NDF: 353374.5/11

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

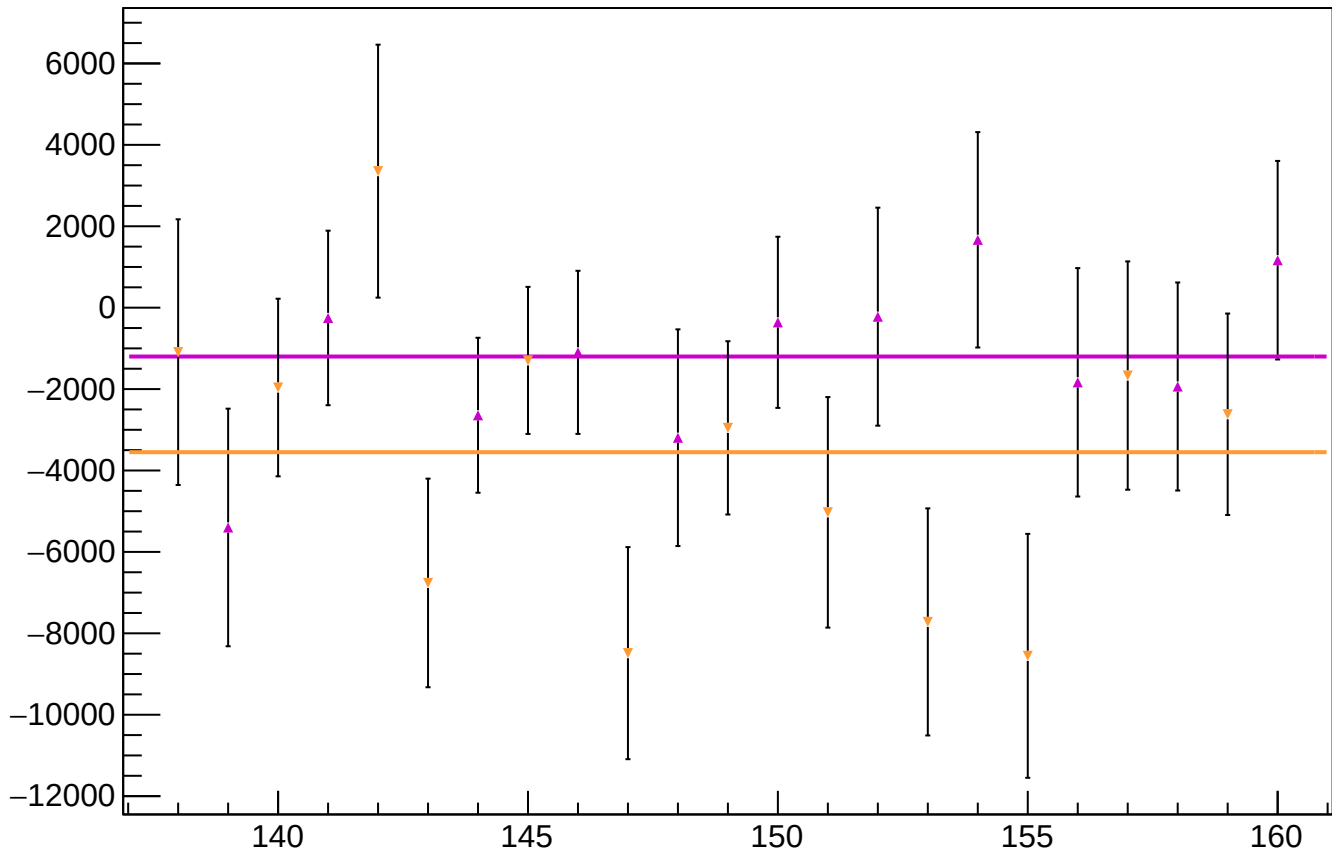
Left In: 295.544 $\pm$ 0.070 χ^2 /NDF: 42985.2/10

+ sign 281.220 $\pm$ 0.051 χ^2 /NDF: 977155.3/28

All: 278.532 $\pm$ 0.036 χ^2 /NDF: 1879476.4/58

- sign 276.025 $\pm$ 0.050 χ^2 /NDF: 897013.0/29

asym_sam4_correction_mean vs Slug



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

Left Out: -3550.034 $\pm$ 727.490 χ^2 /NDF:18.7/11

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

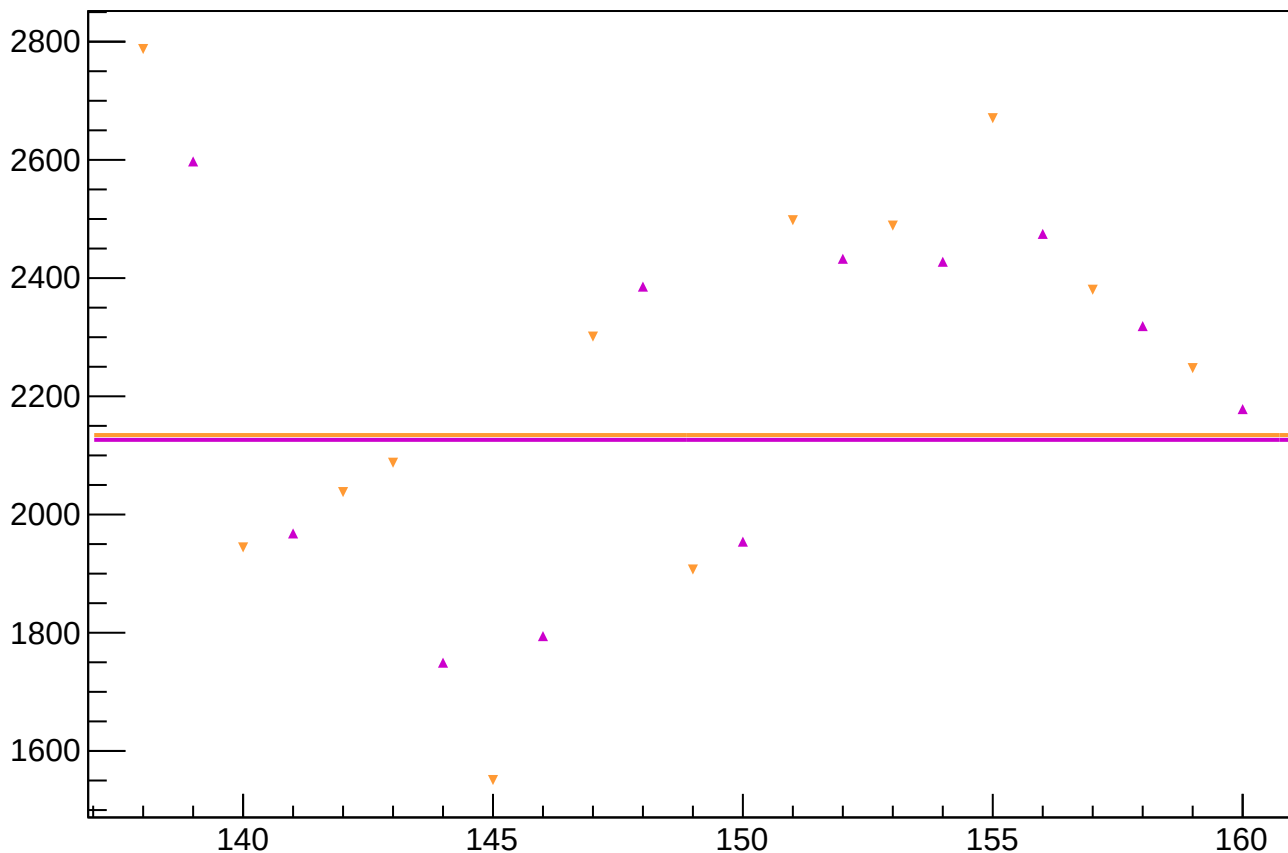
Left In: -1200.064 $\pm$ 714.625 χ^2 /NDF:5.9/10

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

All: -2354.087 $\pm$ 509.804 χ^2 /NDF: 30.0/22

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

asym_sam4_correction_rms vs Slug



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

Left Out: 2134.465+/-0.514 χ^2/NDF : 486522.5/11

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

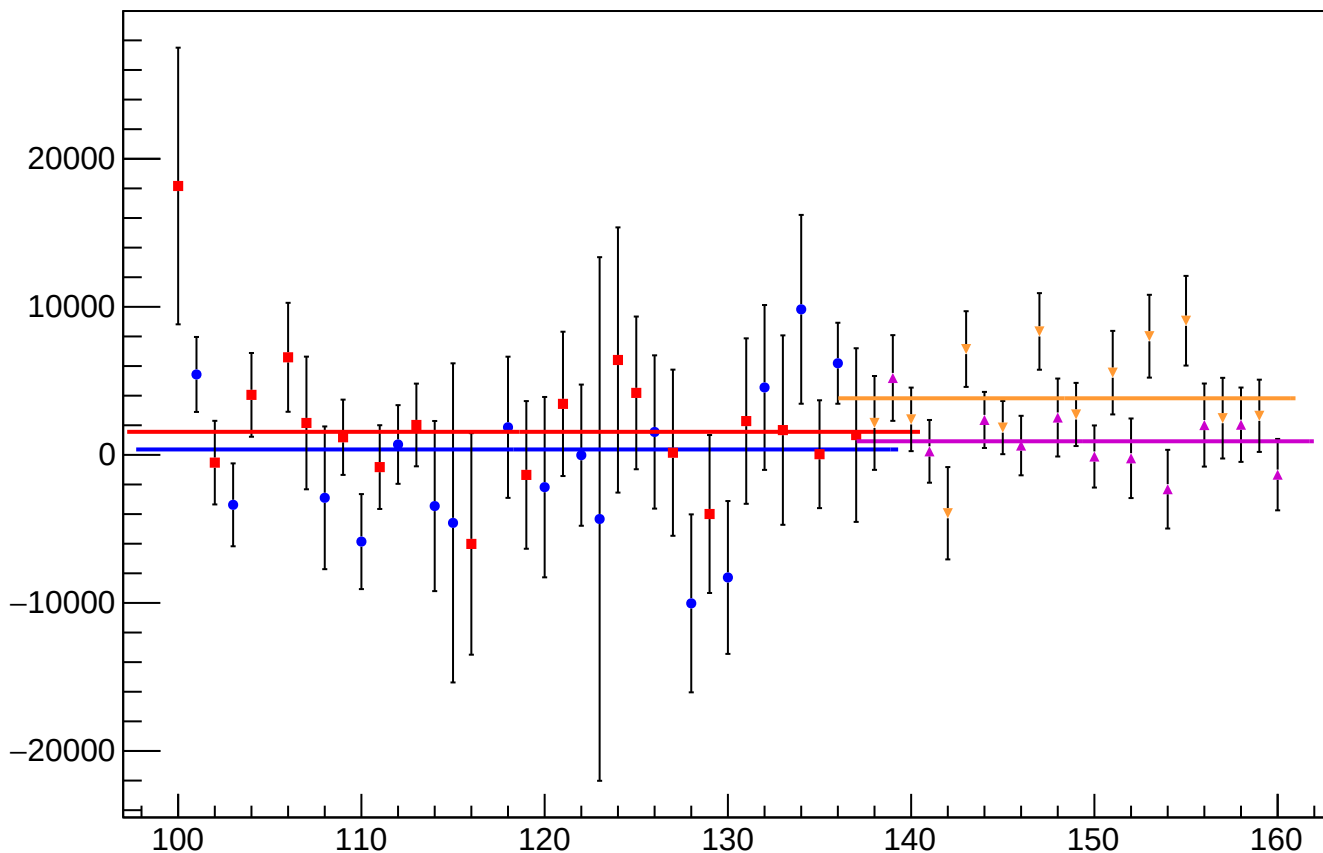
Left In: 2126.358+/-0.505 χ^2/NDF : 324020.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2130.339+/-0.360 χ^2/NDF : 810669.6/22

- 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: 3823.095+/-722.231 χ^2/NDF : 19.2/11

Right Out: 1557.388+/-924.003 χ^2/NDF : 10.5/18

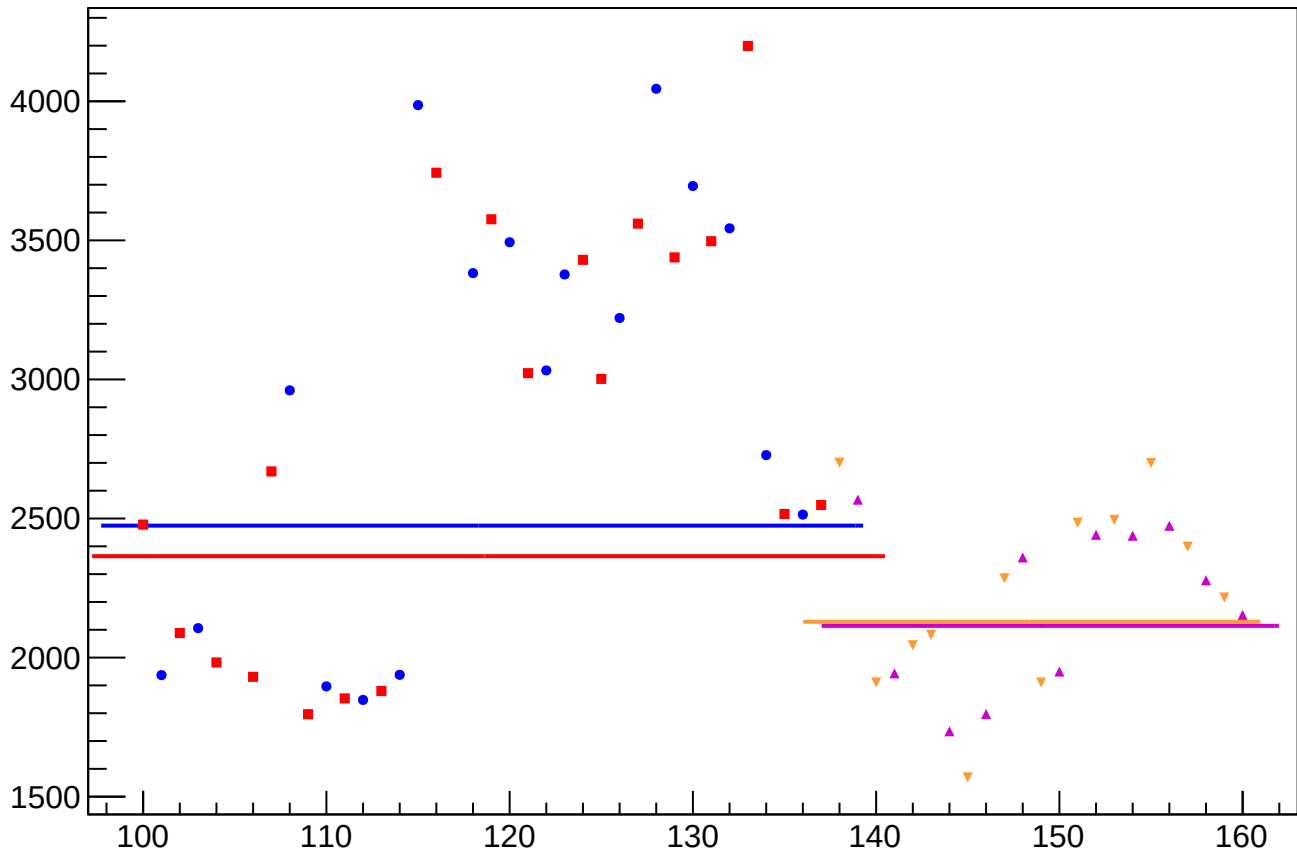
Left In: 918.483+/-711.139 χ^2/NDF : 6.4/10

+ sign 2626.358+/-583.975 χ^2/NDF : 51.3/28

All: 1865.103+/-405.521 χ^2/NDF : 71.8/58

- sign 1156.149+/-563.557 χ^2/NDF : 17.2/29

asym_sam4_rms vs Slug



Right In: 2474.389 $\pm$ 0.702 χ^2 /NDF: 906262.1/16

Left Out: 2128.747 $\pm$ 0.511 χ^2 /NDF: 469737.7/11

Right Out: 2364.507 $\pm$ 0.653 χ^2 /NDF: 1023402.8/18

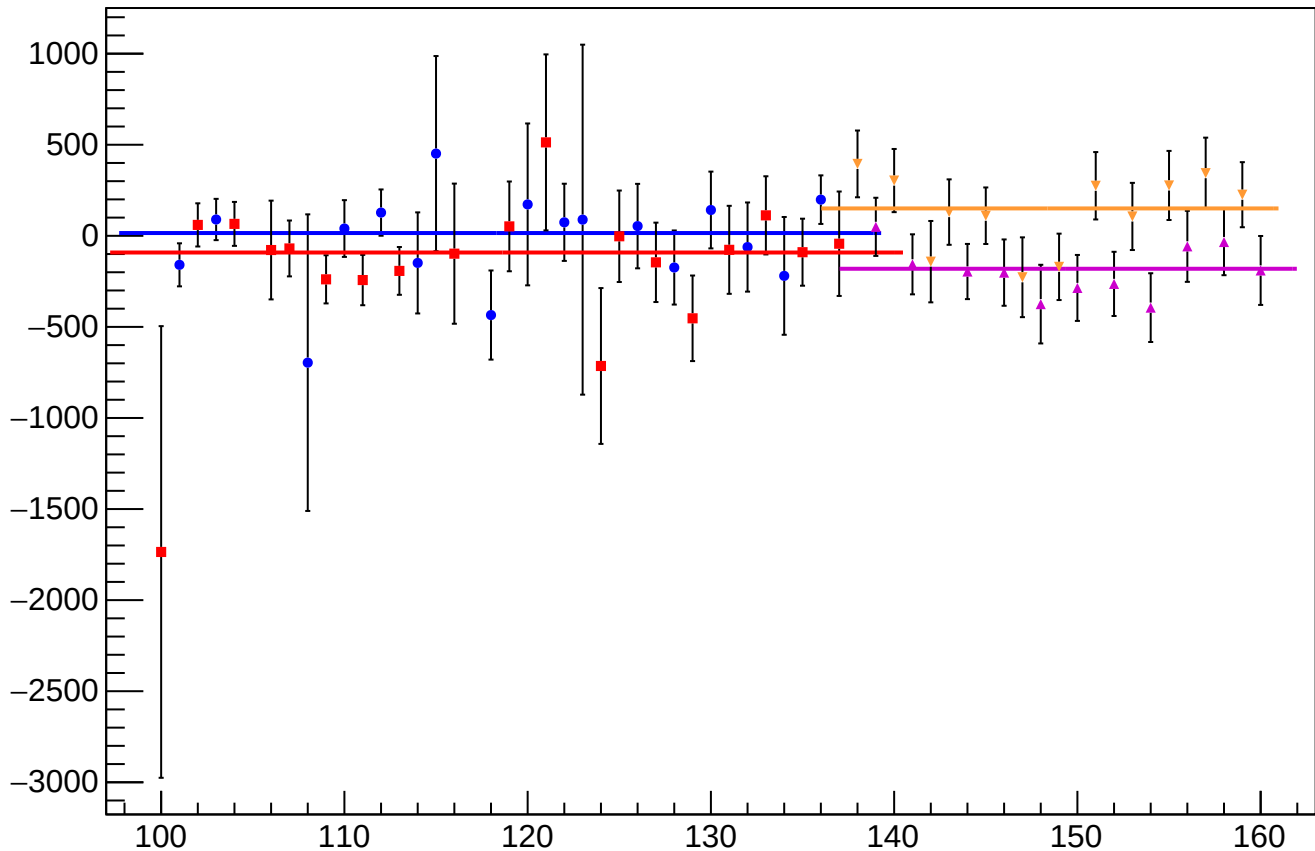
Left In: 2114.061 $\pm$ 0.503 χ^2 /NDF: 322925.5/10

+ sign 2248.413 $\pm$ 0.413 χ^2 /NDF: 1534589.7/28

All: 2227.086 $\pm$ 0.287 χ^2 /NDF: 2978344.0/58

- sign 2207.224 $\pm$ 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: 150.384+/-53.403 χ^2/NDF : 12.5/11

Right Out: -91.634+/-43.318 χ^2/NDF : 15.7/18

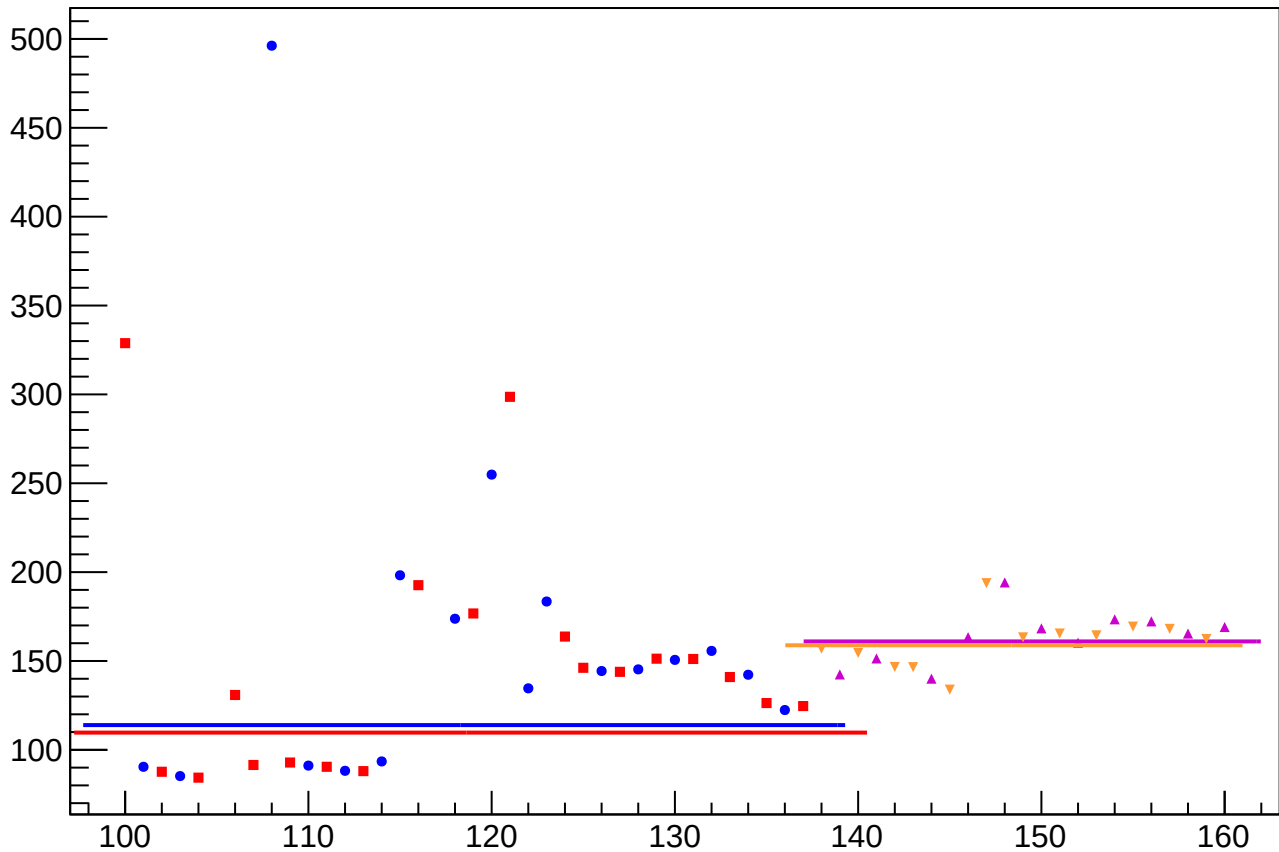
Left In: -180.866+/-53.731 χ^2/NDF : 5.8/10

+ sign 73.474+/-35.044 χ^2/NDF : 28.7/28

All: -30.502+/-24.300 χ^2/NDF : 68.8/58

- sign -126.785+/-33.723 χ^2/NDF : 23.1/29

dit_asym_sam5_rms vs Slug



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 158.845 $\pm$ 0.038 χ^2 /NDF:136502.8/11

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

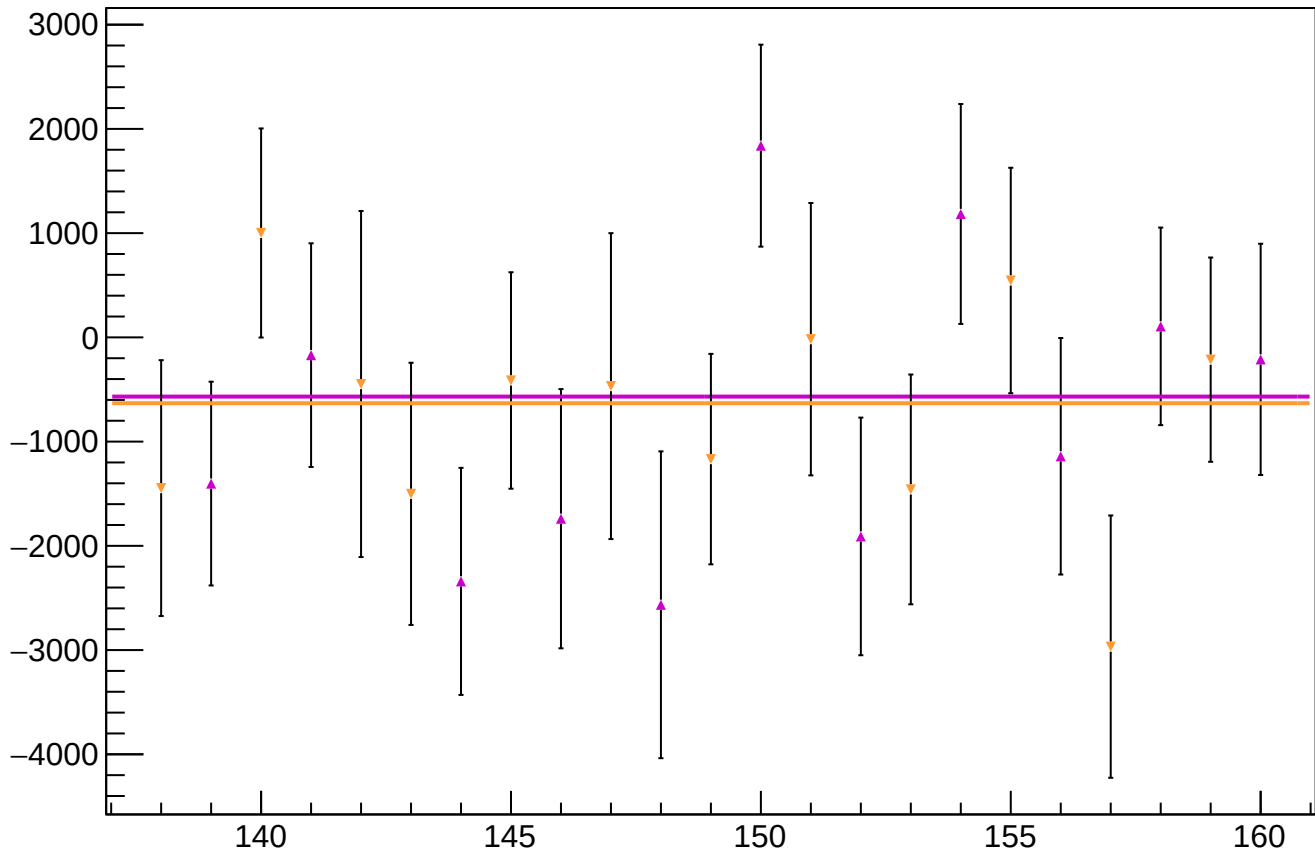
Left In: 161.007 $\pm$ 0.038 χ^2 /NDF:143258.9/10

+ sign 133.273 $\pm$ 0.025 χ^2 /NDF: 2349805.3/28

All: 131.531 $\pm$ 0.017 χ^2 /NDF: 4849440.5/58

- sign 129.917 $\pm$ 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: -631.889 $\pm$ 334.040 χ^2 /NDF:9.5/11

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

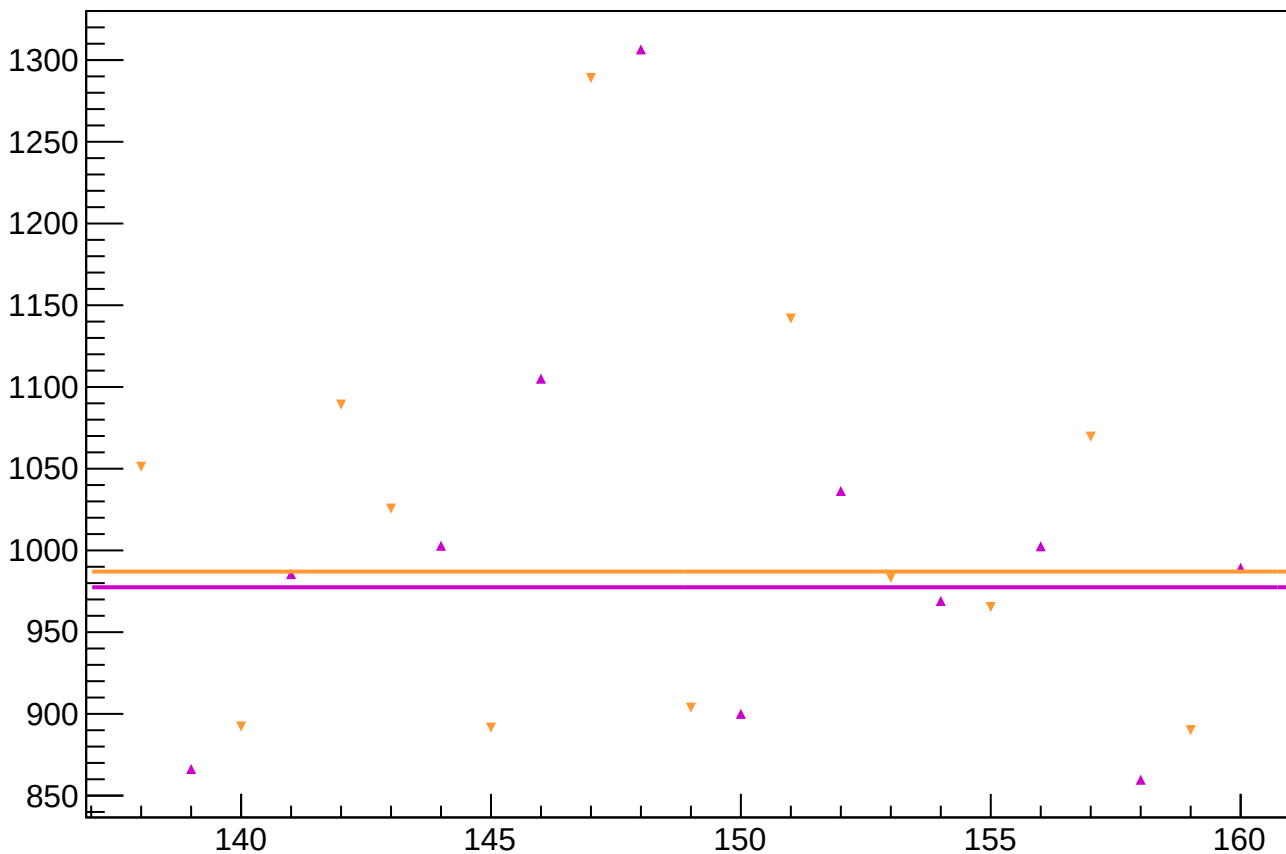
Left In: -568.179 $\pm$ 327.869 χ^2 /NDF:17.4/10

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

All: -599.440 $\pm$ 233.990 χ^2 /NDF: 27.0/22

- 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: 987.057+/-0.236 χ^2/NDF : 205029.8/11

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

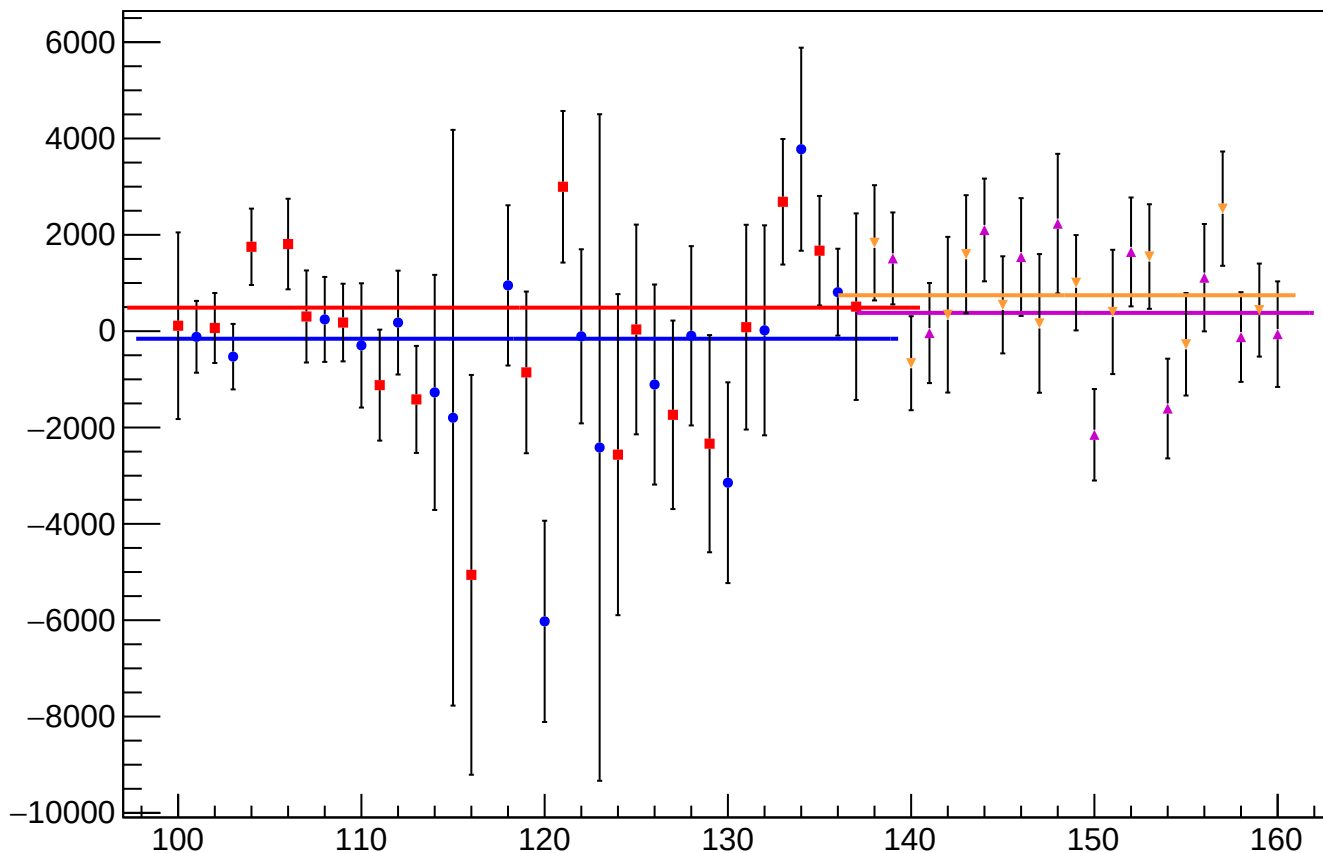
Left In: 977.464+/-0.232 χ^2/NDF : 198443.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.171+/-0.165 χ^2/NDF : 404313.0/22

- 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: 745.898+/-326.113 χ^2/NDF : 7.7/11

Right Out: 488.583+/-282.758 χ^2/NDF : 22.6/18

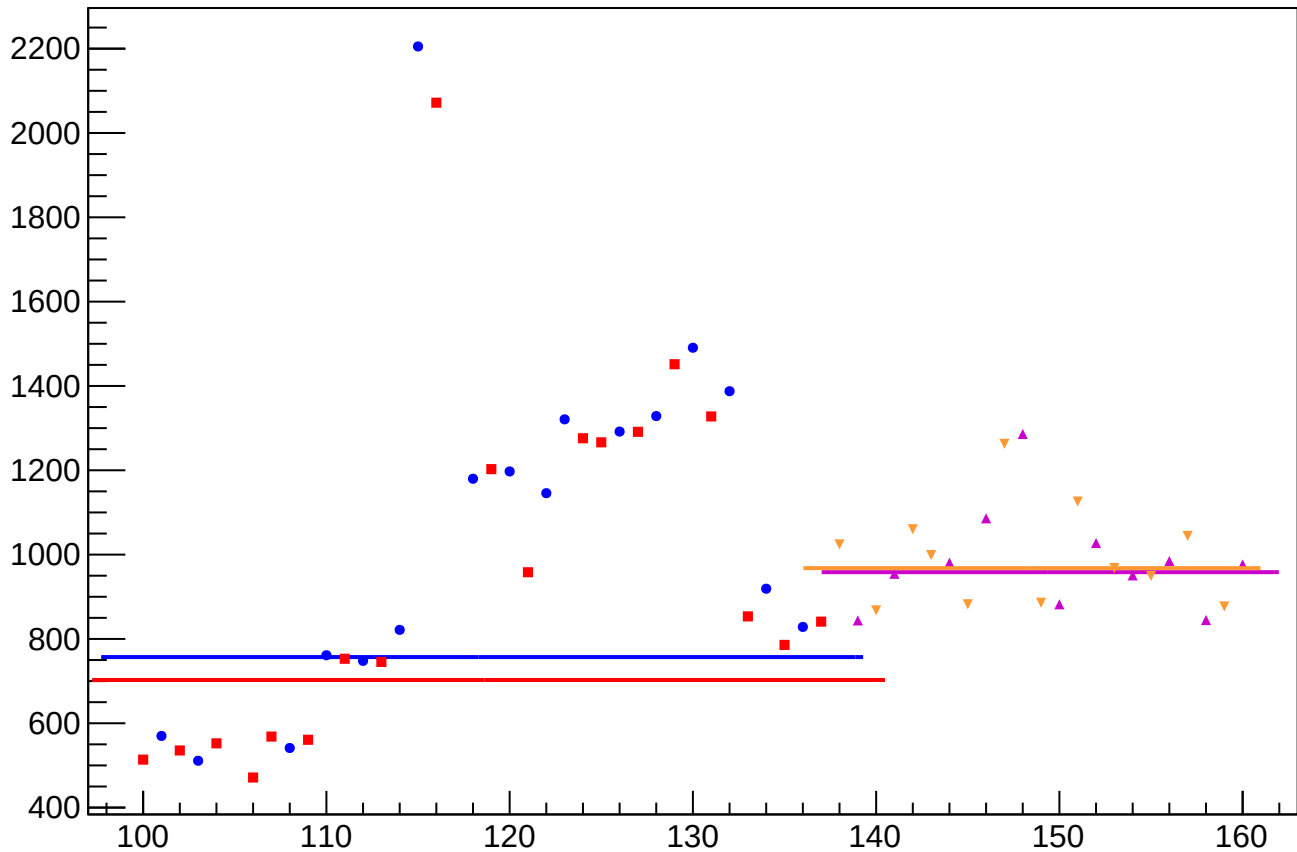
Left In: 379.768+/-321.653 χ^2/NDF : 19.6/10

+ sign 275.118+/-225.630 χ^2/NDF : 27.9/28

All: 363.156+/-154.643 χ^2/NDF : 70.5/58

- 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: 967.901 $\pm$ 0.231 χ^2 /NDF: 202073.3/11

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

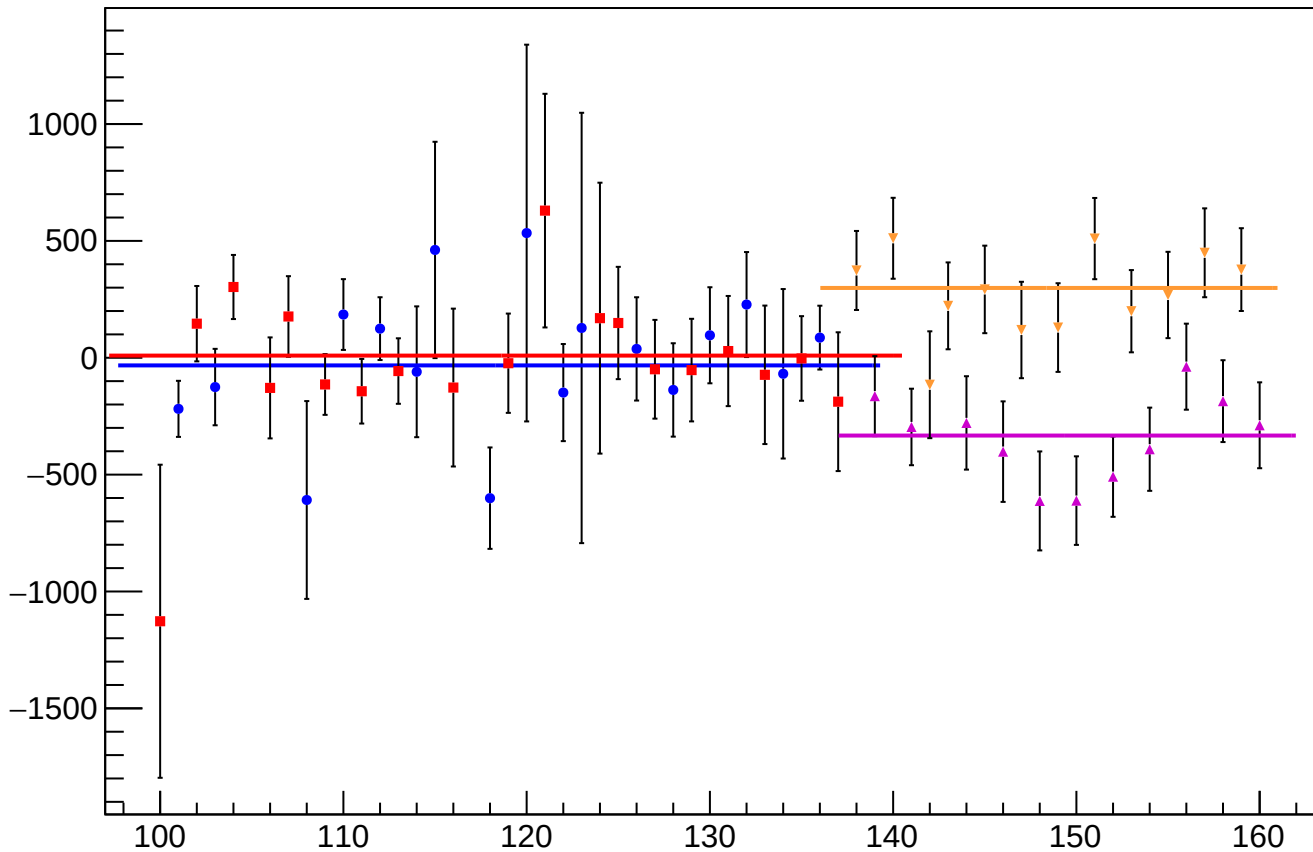
Left In: 958.383 $\pm$ 0.227 χ^2 /NDF: 205743.5/10

+ sign 857.949 $\pm$ 0.160 χ^2 /NDF: 2349478.4/28

All: 834.714 $\pm$ 0.109 χ^2 /NDF: 4997901.4/58

- 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: 298.721 ± 53.413 χ^2/NDF : 9.4/11

Right Out: 9.277 ± 45.600 χ^2/NDF : 14.7/18

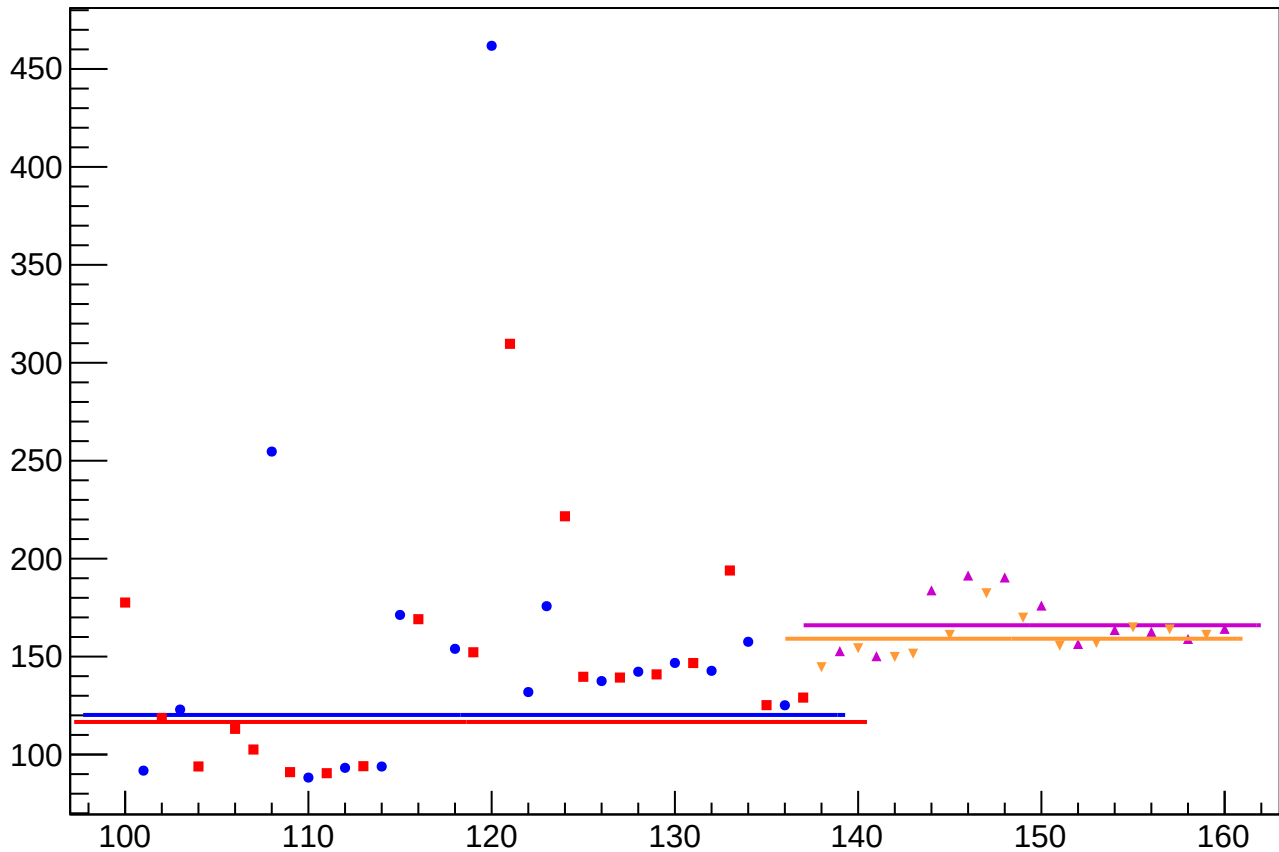
Left In: -332.800 ± 55.430 χ^2/NDF : 9.6/10

+ sign 116.841 ± 35.878 χ^2/NDF : 50.2/28

All: -8.265 ± 25.132 χ^2/NDF : 121.1/58

- 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: 159.133 $\pm$ 0.038 χ^2 /NDF: 59623.0/11

Right Out: 116.618 $\pm$ 0.032 χ^2 /NDF: 997956.6/18

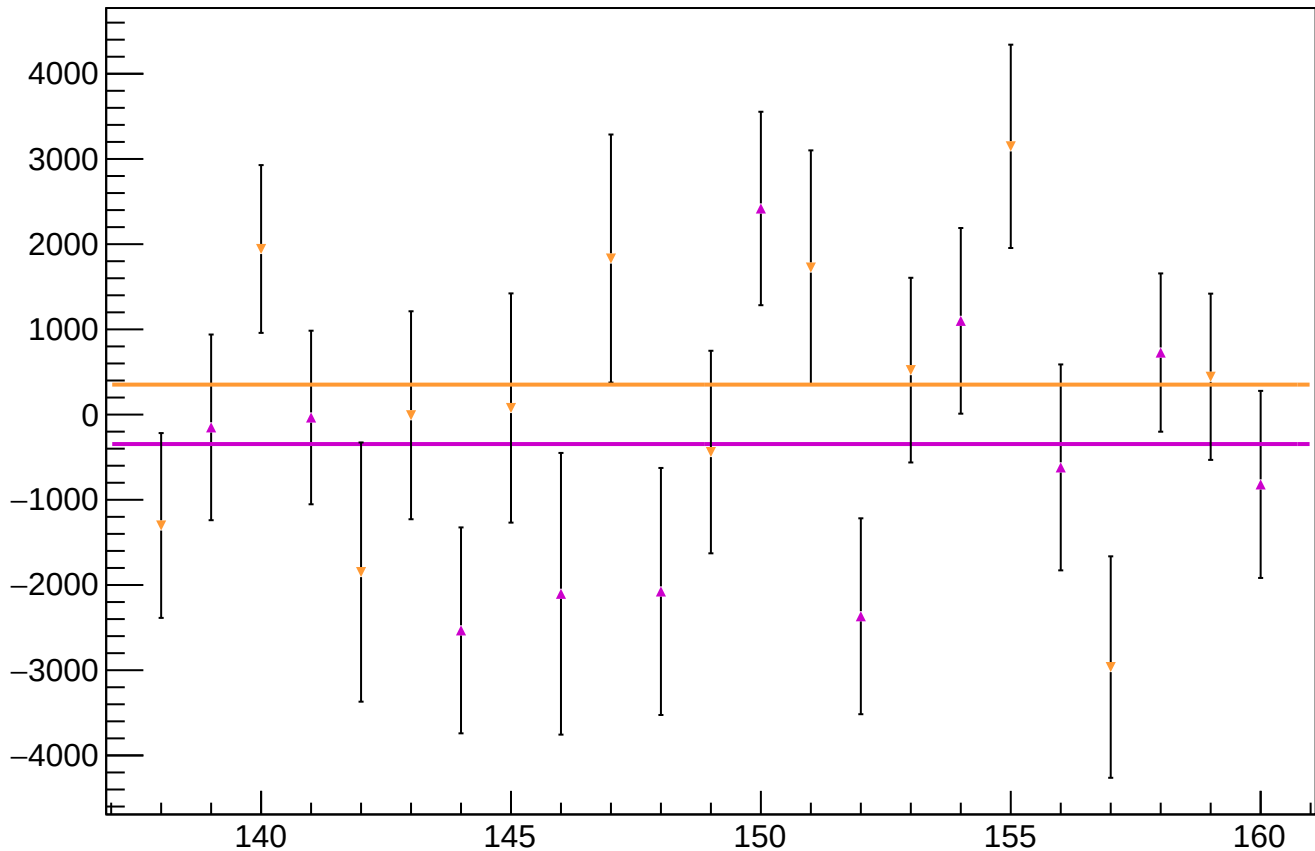
Left In: 165.996 $\pm$ 0.039 χ^2 /NDF: 117097.1/10

+ sign 137.770 $\pm$ 0.025 χ^2 /NDF: 1704903.9/28

All: 137.147 $\pm$ 0.018 χ^2 /NDF: 3767658.0/58

- 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: 351.783+/-344.147 χ^2/NDF : 21.7/11

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

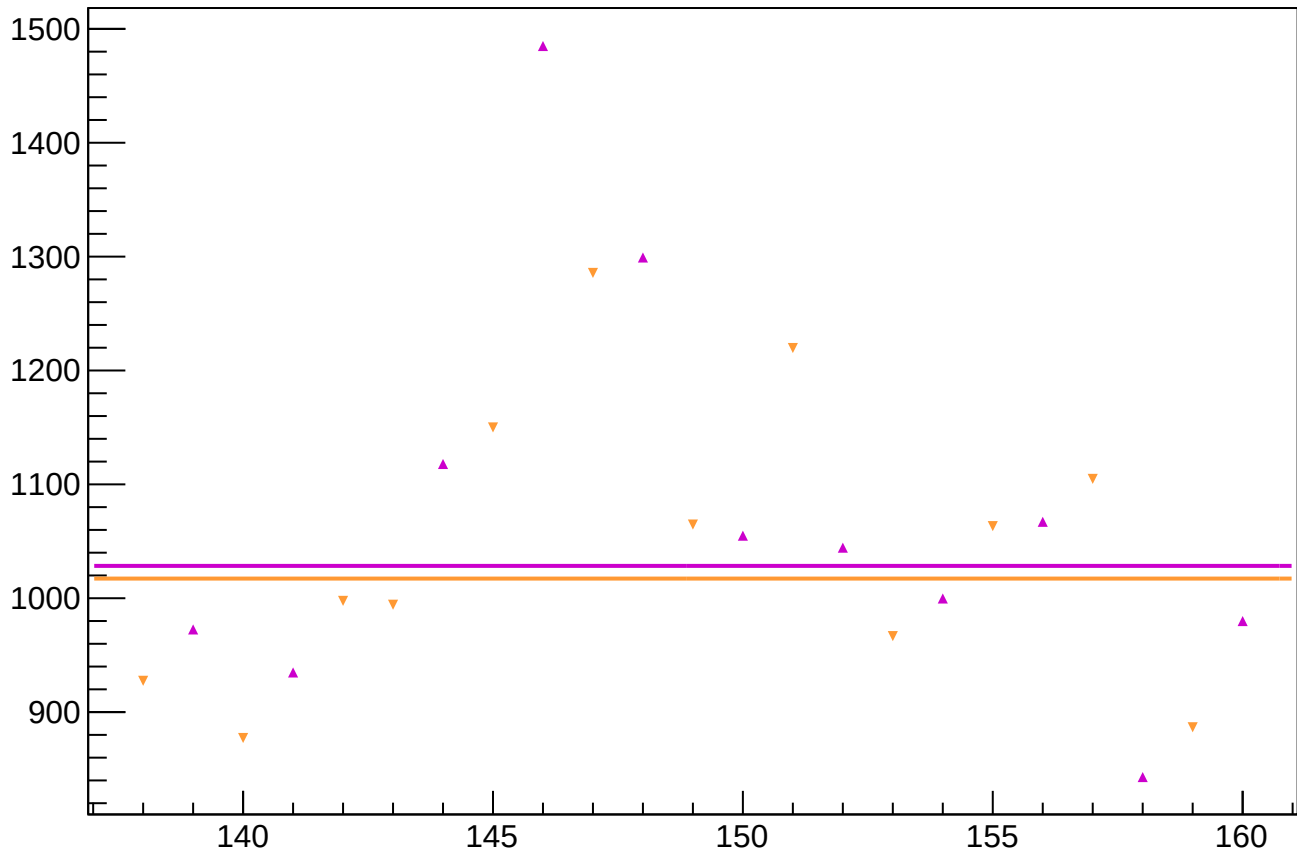
Left In: -345.773+/-345.406 χ^2/NDF : 18.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.279+/-243.792 χ^2/NDF : 42.0/22

- 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: 1017.267+/-0.243 χ^2/NDF : 241444.5/11

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

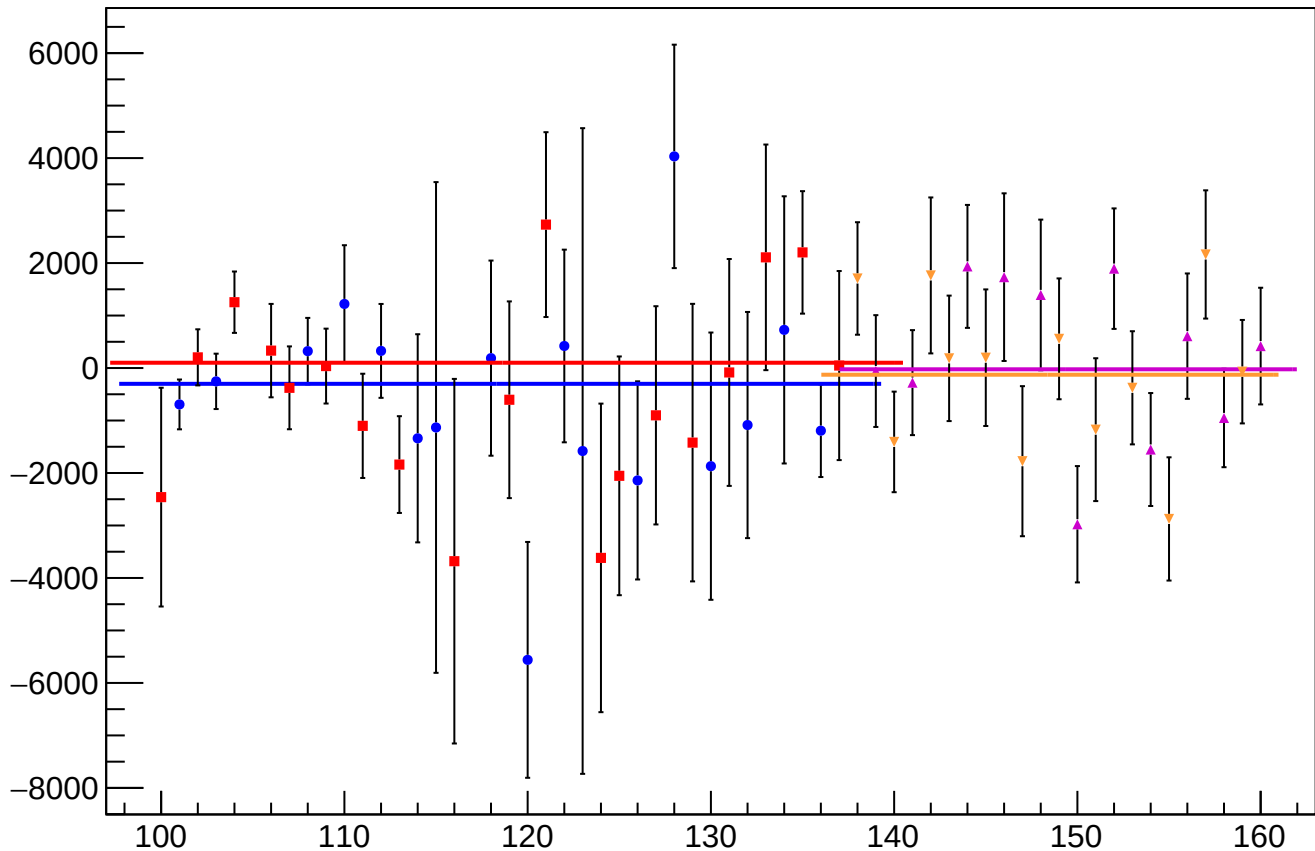
Left In: 1028.410+/-0.244 χ^2/NDF : 344007.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1022.818+/-0.172 χ^2/NDF : 586497.0/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -301.000 ± 250.042 $\chi^2/\text{NDF}: 16.8/16$

Left Out: -127.473 ± 337.633 $\chi^2/\text{NDF}: 17.8/11$

Right Out: 100.857 ± 245.981 $\chi^2/\text{NDF}: 22.5/18$

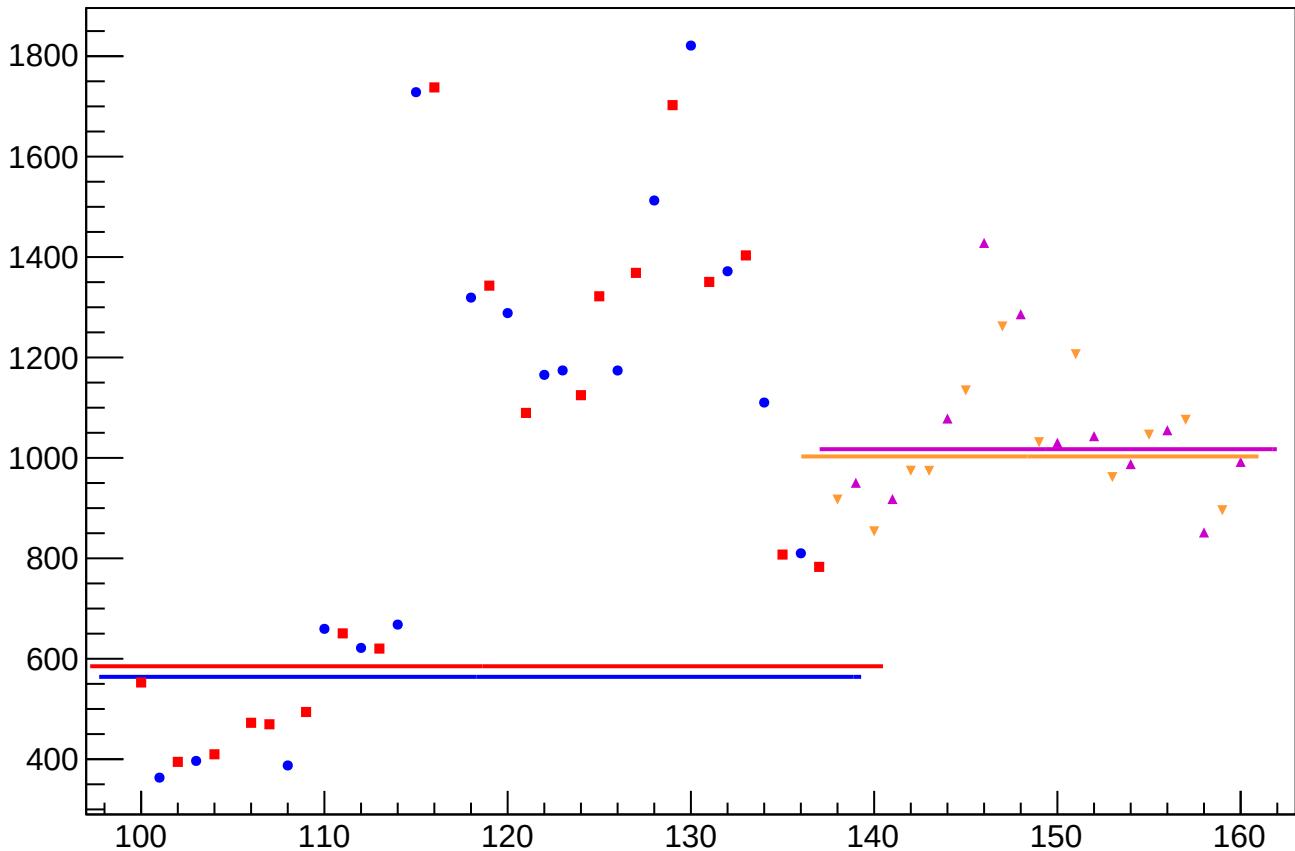
Left In: -24.075 ± 341.591 $\chi^2/\text{NDF}: 18.4/10$

+ sign -239.538 ± 200.939 $\chi^2/\text{NDF}: 34.8/28$

All: -89.685 ± 141.614 $\chi^2/\text{NDF}: 76.9/58$

- sign 58.196 ± 199.612 $\chi^2/\text{NDF}: 41.0/29$

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1002.881 $\pm$ 0.239 χ^2 /NDF: 231536.9/11

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

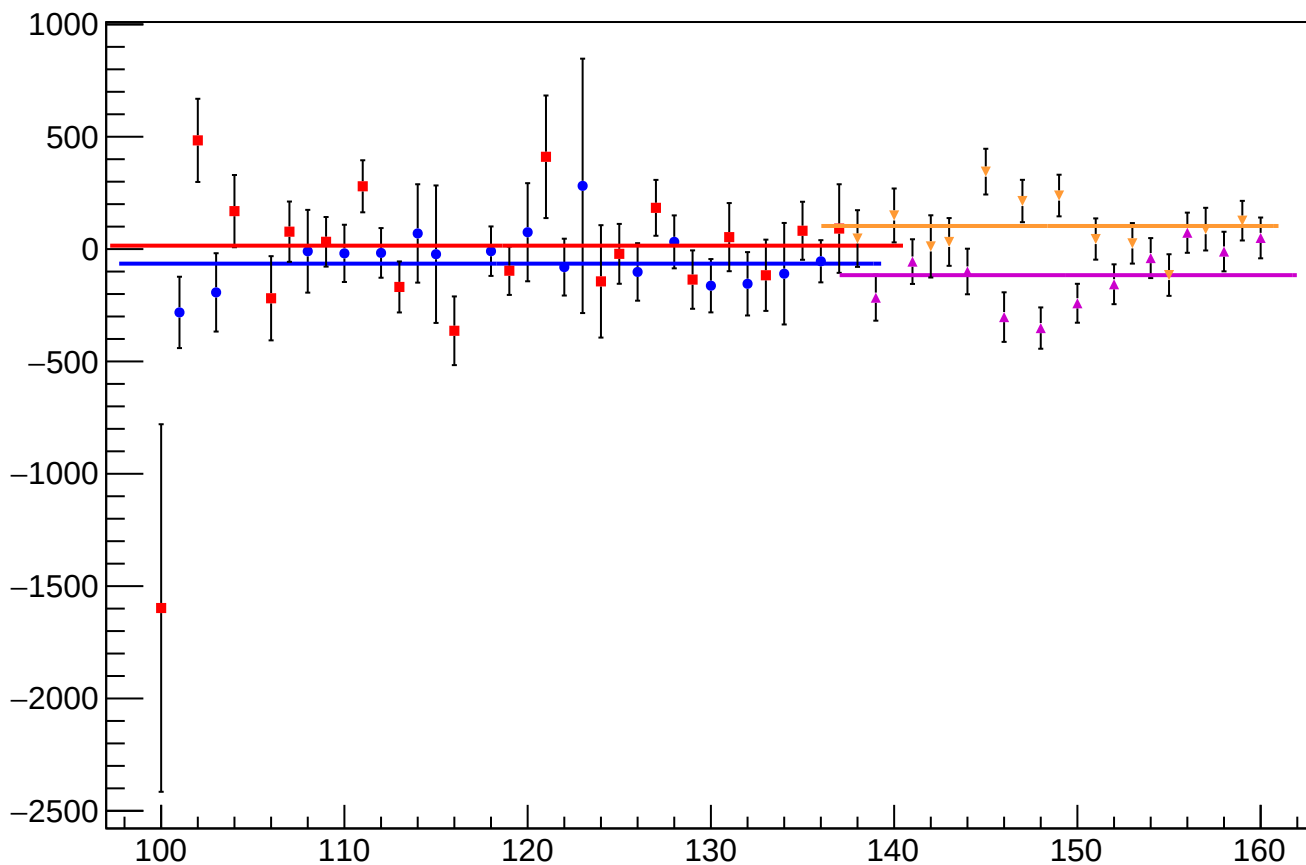
Left In: 1017.371 $\pm$ 0.242 χ^2 /NDF: 303768.8/10

+ sign 719.451 $\pm$ 0.142 χ^2 /NDF: 5675405.2/28

All: 726.115 $\pm$ 0.100 χ^2 /NDF: 10913799.5/56

- sign 732.691 $\pm$ 0.141 χ^2 /NDF: 5234024.1/29

dit_asym_sam7_mean vs Slug



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 102.824 ± 28.909 χ^2/NDF : 17.2/11

Right Out: 15.294 ± 33.422 χ^2/NDF : 35.0/18

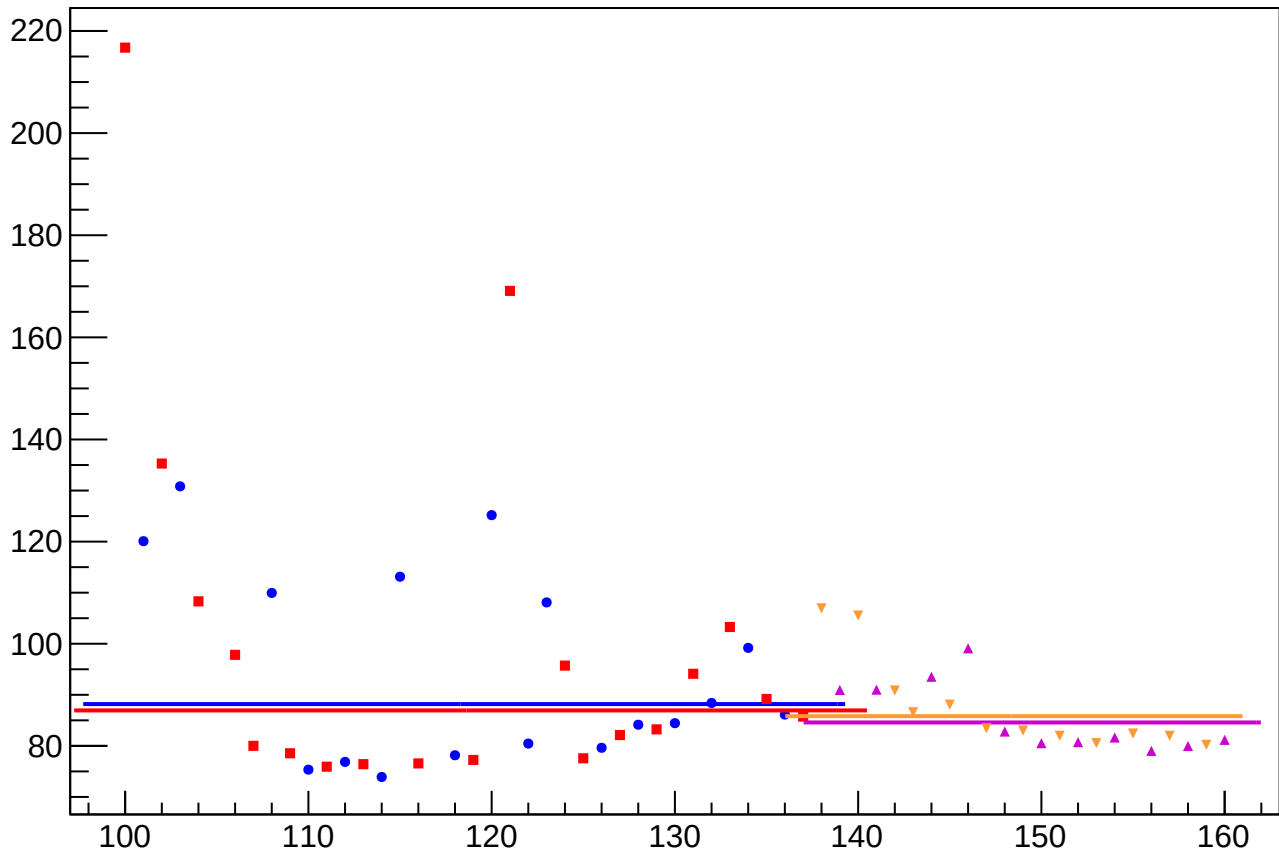
Left In: -116.014 ± 28.214 χ^2/NDF : 23.0/10

+ sign 33.984 ± 22.192 χ^2/NDF : 37.2/28

All: -15.077 ± 15.464 χ^2/NDF : 113.7/58

- sign -61.377 ± 21.559 χ^2/NDF : 67.0/29

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF : 394447.7/16

Left Out: 85.819+/-0.020 χ^2/NDF : 141344.6/11

Right Out: 86.943+/-0.024 χ^2/NDF : 531359.9/18

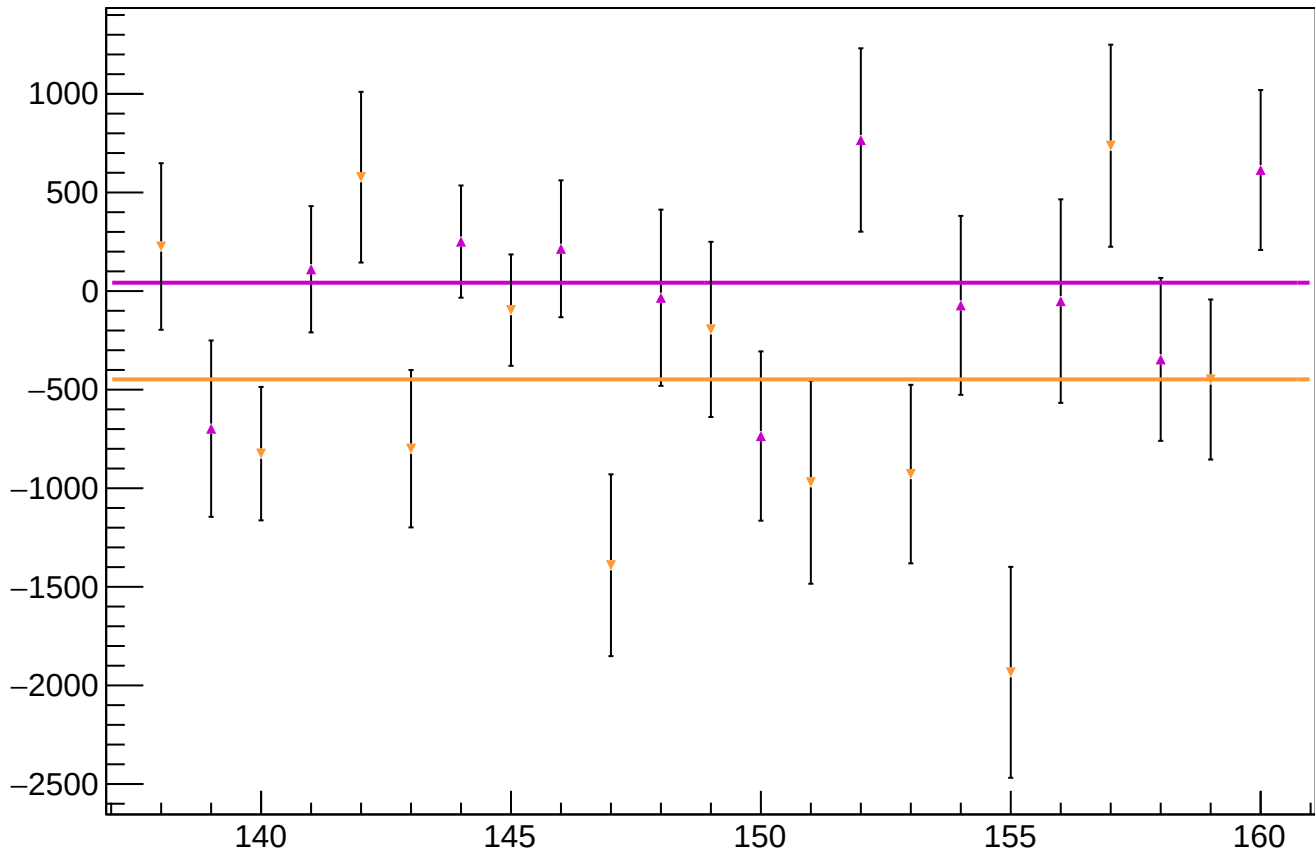
Left In: 84.588+/-0.020 χ^2/NDF : 93376.6/10

+ sign 86.791+/-0.016 χ^2/NDF : 541298.4/28

All: 86.162+/-0.011 χ^2/NDF : 1174961.6/58

- sign 85.568+/-0.015 χ^2/NDF : 630535.5/29

asym_sam7_correction_mean vs Slug



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

Left Out: -447.814 $\pm$ 119.279 χ^2 /NDF:31.4/11

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

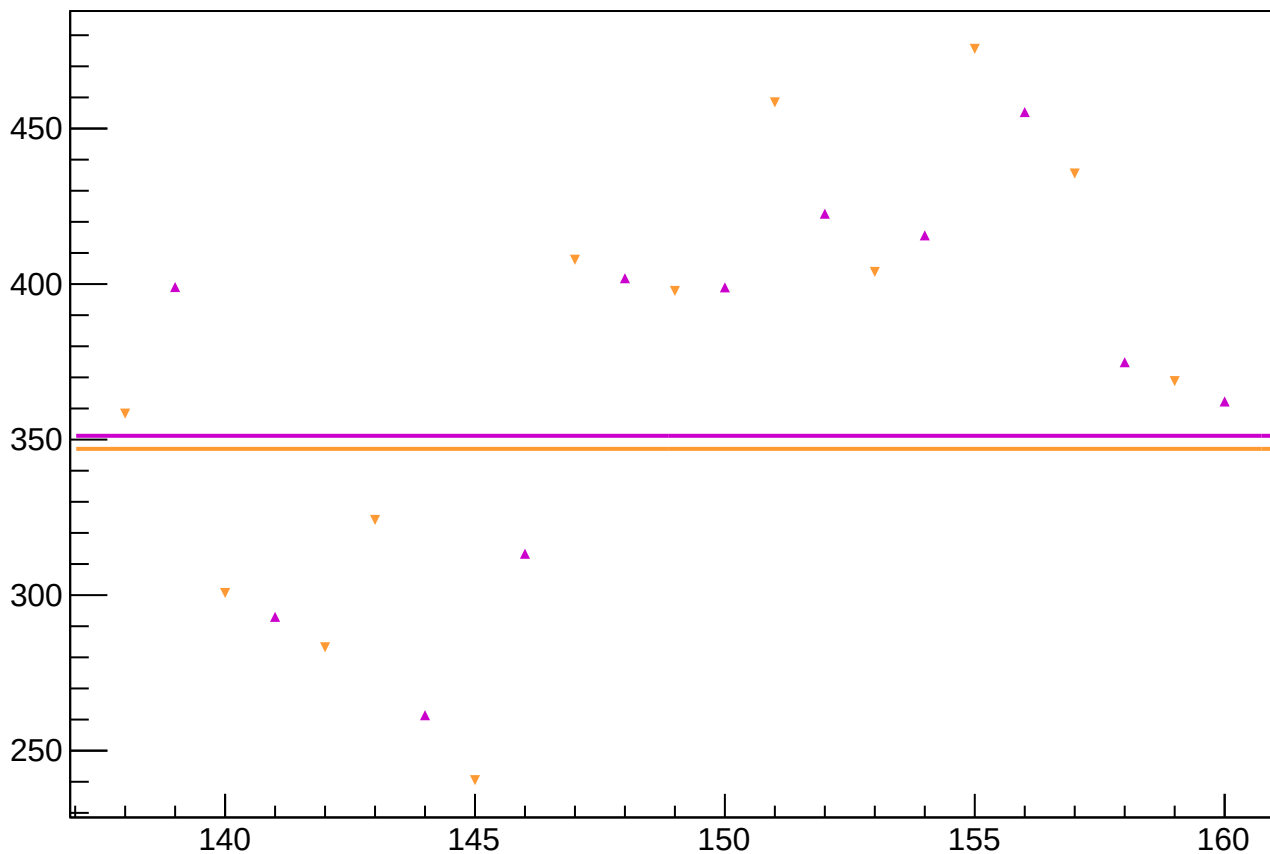
Left In: 42.423 $\pm$ 118.671 χ^2 /NDF:12.3/10

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

All: -201.443 $\pm$ 84.127 χ^2 /NDF: 52.2/22

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

asym_sam7_correction_rms vs Slug



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

Left Out: 347.026+/-0.084 χ^2/NDF : 740383.7/11

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

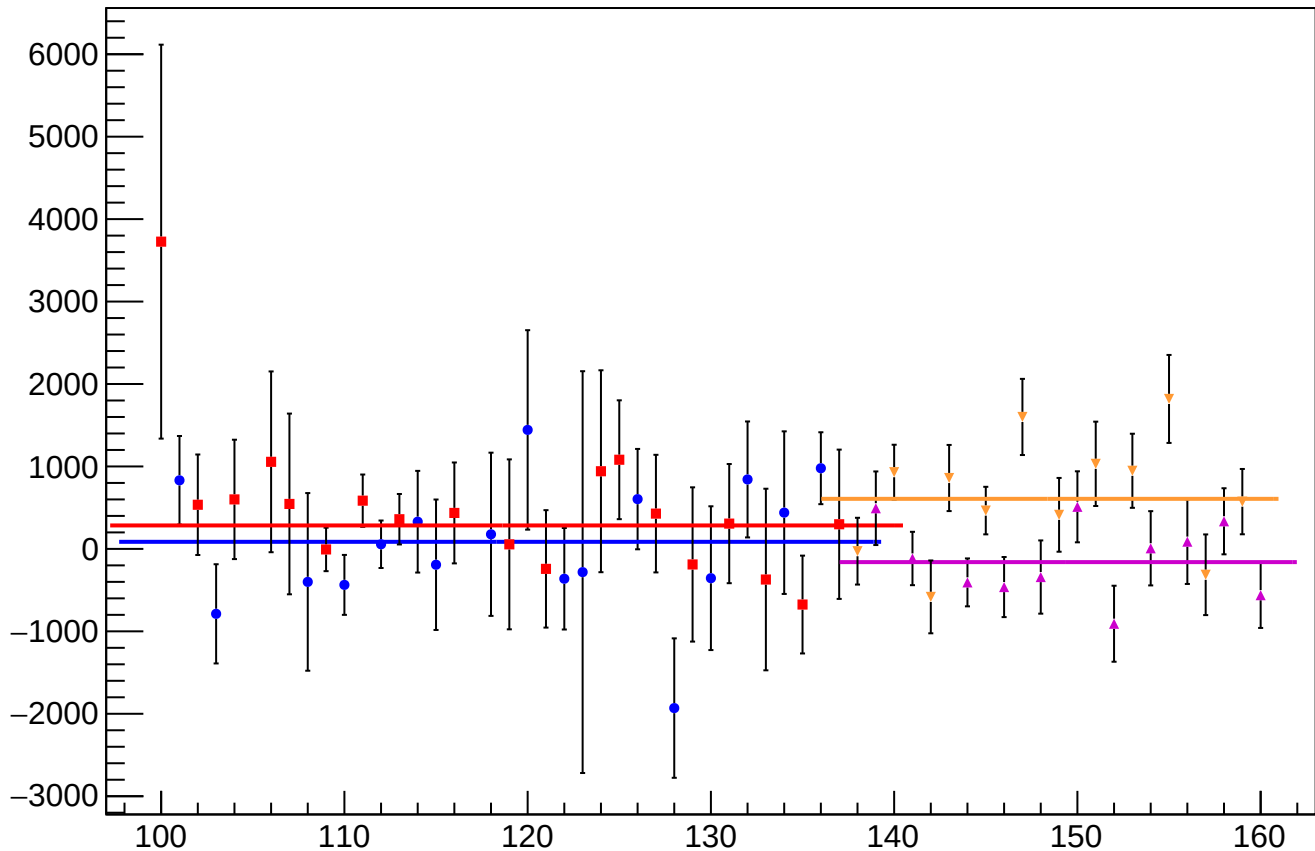
Left In: 351.224+/-0.084 χ^2/NDF : 539286.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.136+/-0.059 χ^2/NDF : 1280914.3/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: 85.810 ± 142.601 χ^2/NDF : 20.6/16

Left Out: 607.176 ± 118.670 χ^2/NDF : 26.1/11

Right Out: 284.456 ± 129.599 χ^2/NDF : 10.6/18

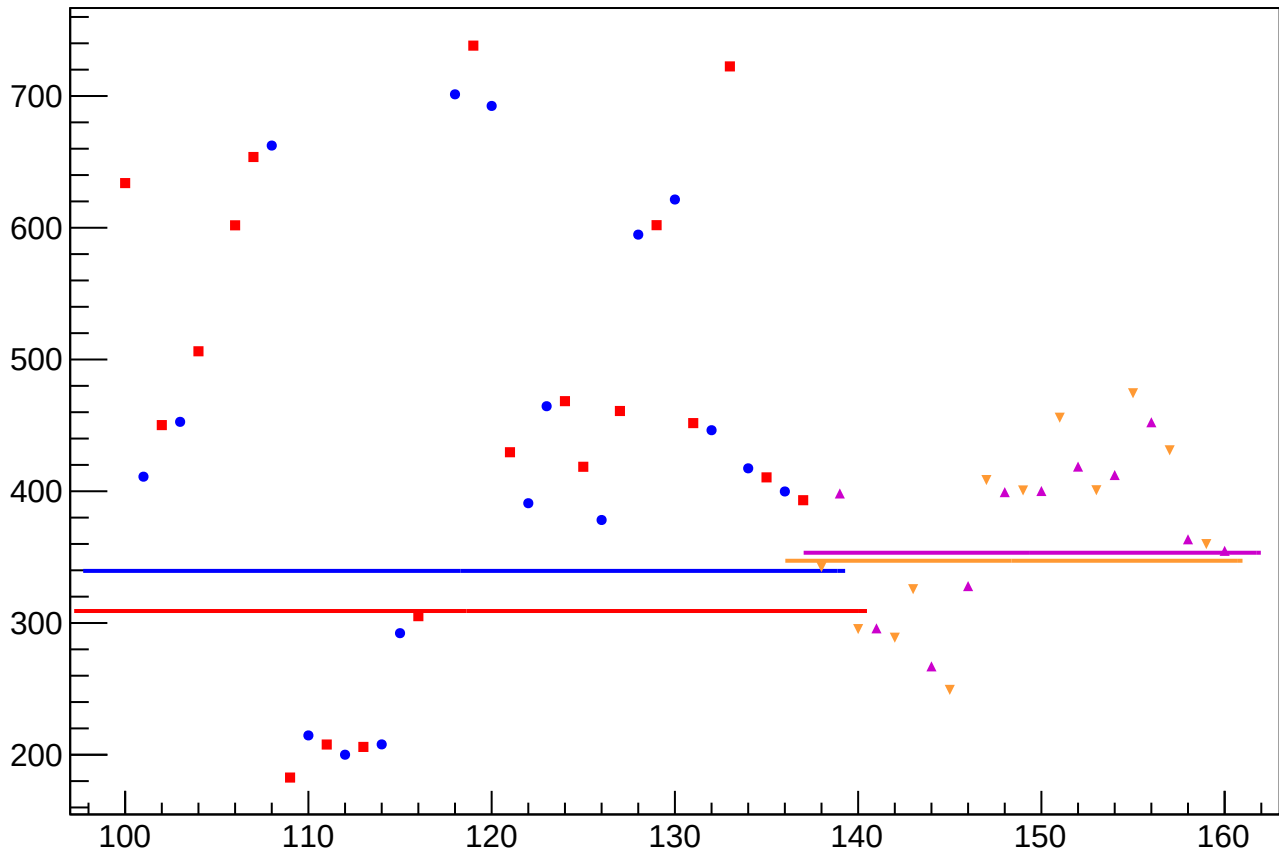
Left In: -160.365 ± 119.192 χ^2/NDF : 11.7/10

+ sign 393.850 ± 91.216 χ^2/NDF : 54.5/28

All: 211.837 ± 63.231 χ^2/NDF : 90.9/58

- sign 43.471 ± 87.730 χ^2/NDF : 28.7/29

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF : 2042244.1/16

Left Out: 347.255+/-0.084 χ^2/NDF : 677071.7/11

Right Out: 309.105+/-0.092 χ^2/NDF : 2730308.7/18

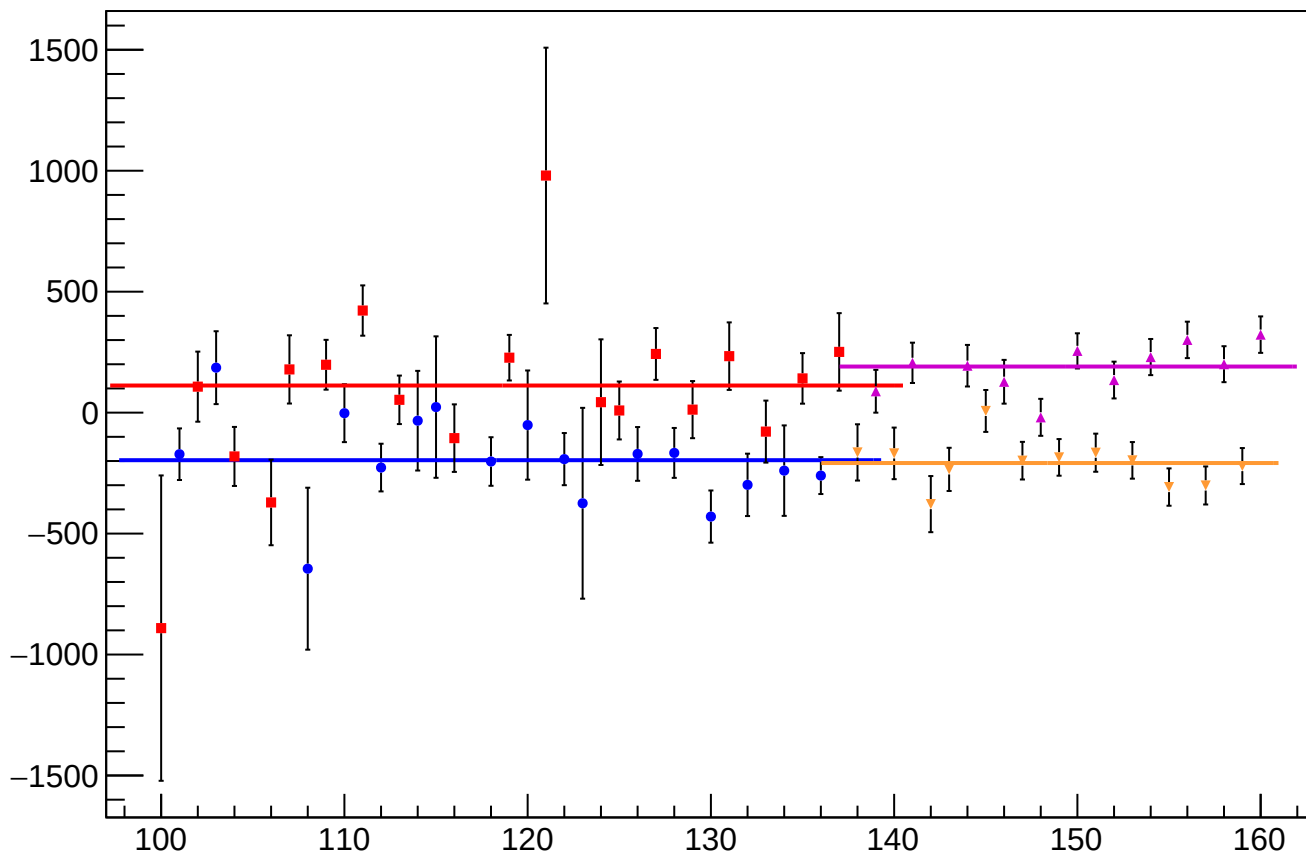
Left In: 353.333+/-0.084 χ^2/NDF : 464468.2/10

+ sign 344.103+/-0.064 χ^2/NDF : 2722763.4/28

All: 338.370+/-0.045 χ^2/NDF : 6058943.5/58

- sign 333.066+/-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: -208.292 ± 24.395 χ^2/NDF : 12.2/11

Right Out: 112.097 ± 29.622 χ^2/NDF : 39.3/18

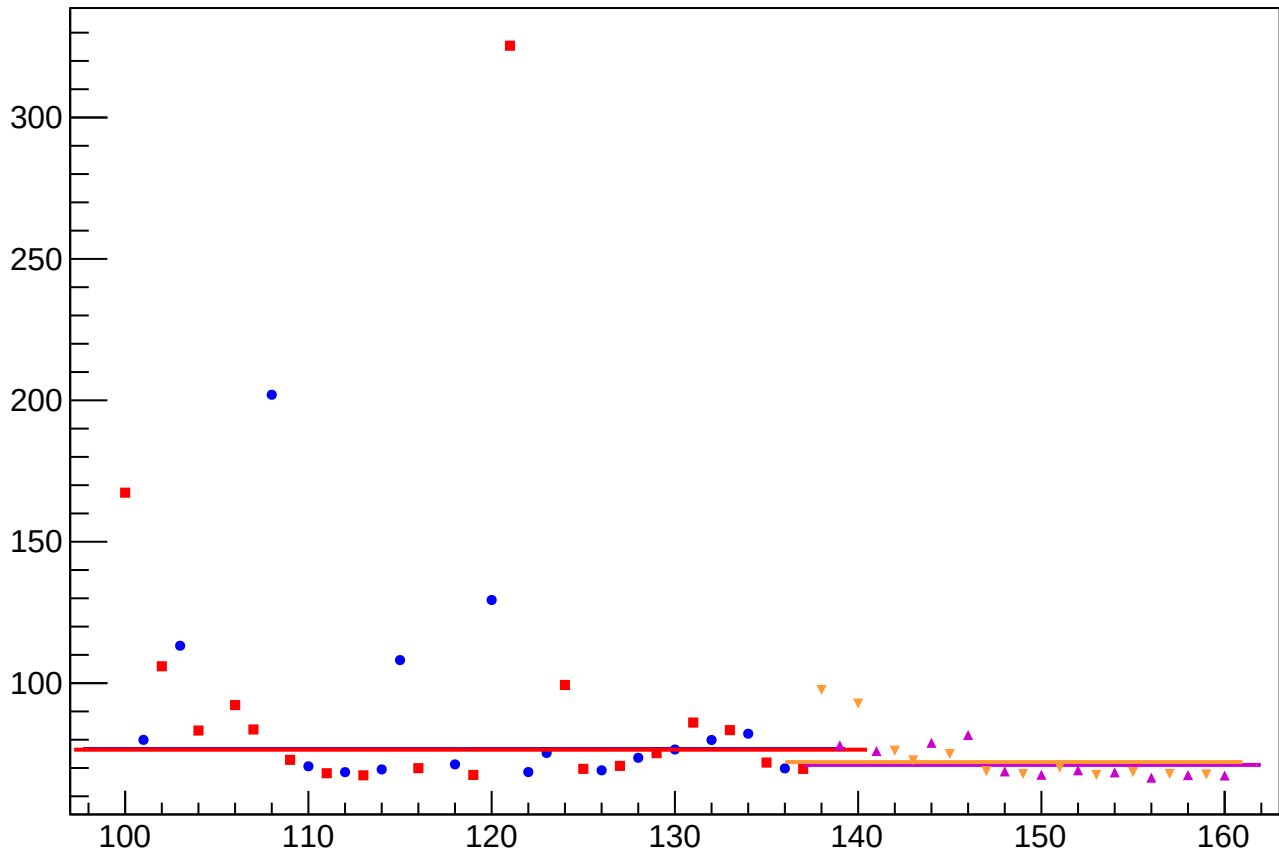
Left In: 190.544 ± 23.735 χ^2/NDF : 16.2/10

+ sign -203.712 ± 19.026 χ^2/NDF : 31.3/28

All: -17.044 ± 13.272 χ^2/NDF : 278.6/58

- 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: 72.105 $\pm$ 0.017 χ^2 /NDF: 210615.6/11

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

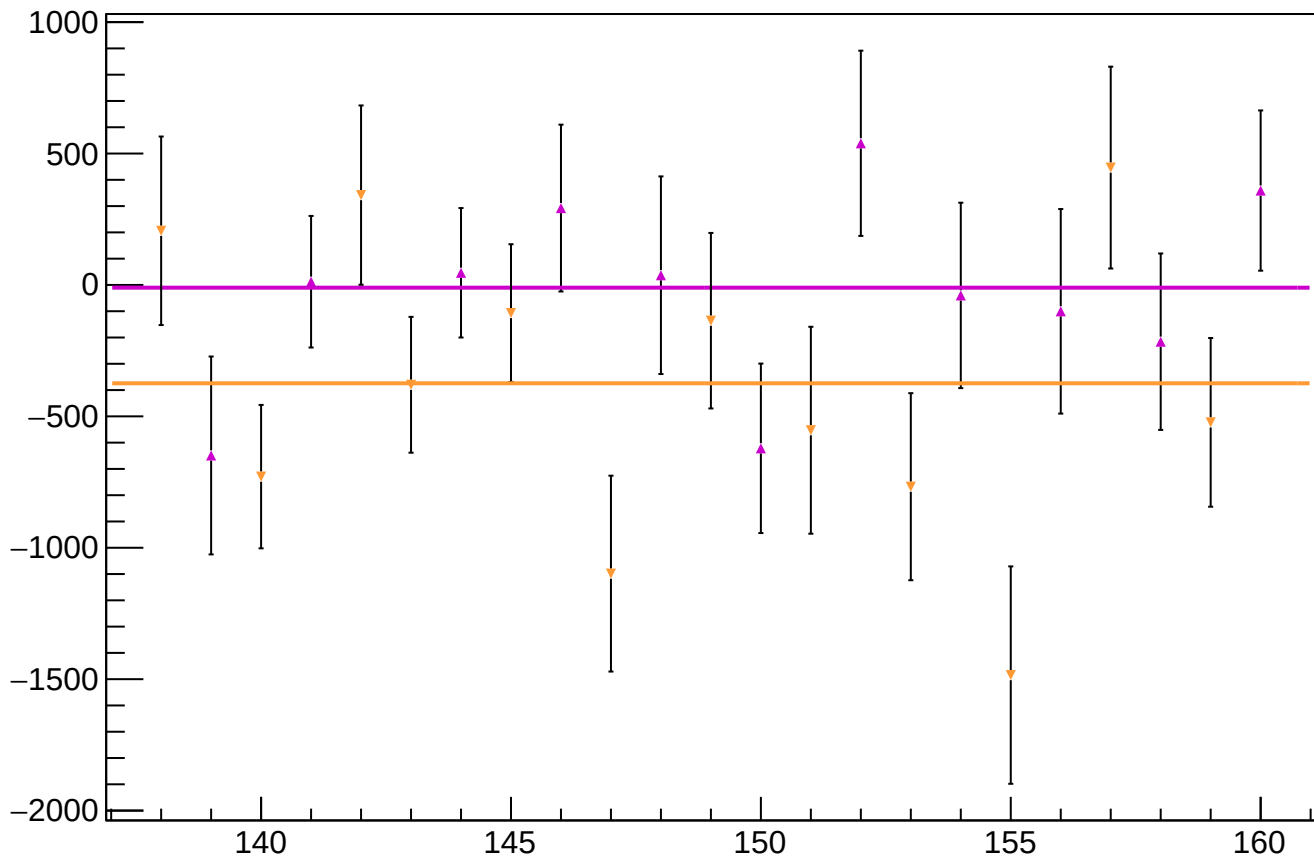
Left In: 71.094 $\pm$ 0.017 χ^2 /NDF: 89961.8/10

+ sign 73.902 $\pm$ 0.013 χ^2 /NDF: 838668.8/28

All: 73.541 $\pm$ 0.009 χ^2 /NDF: 1669645.2/58

- sign 73.199 $\pm$ 0.013 χ^2 /NDF: 829577.3/29

asym_sam8_correction_mean vs Slug



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

Left Out: -374.227+/-94.409 χ^2/NDF : 27.5/11

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

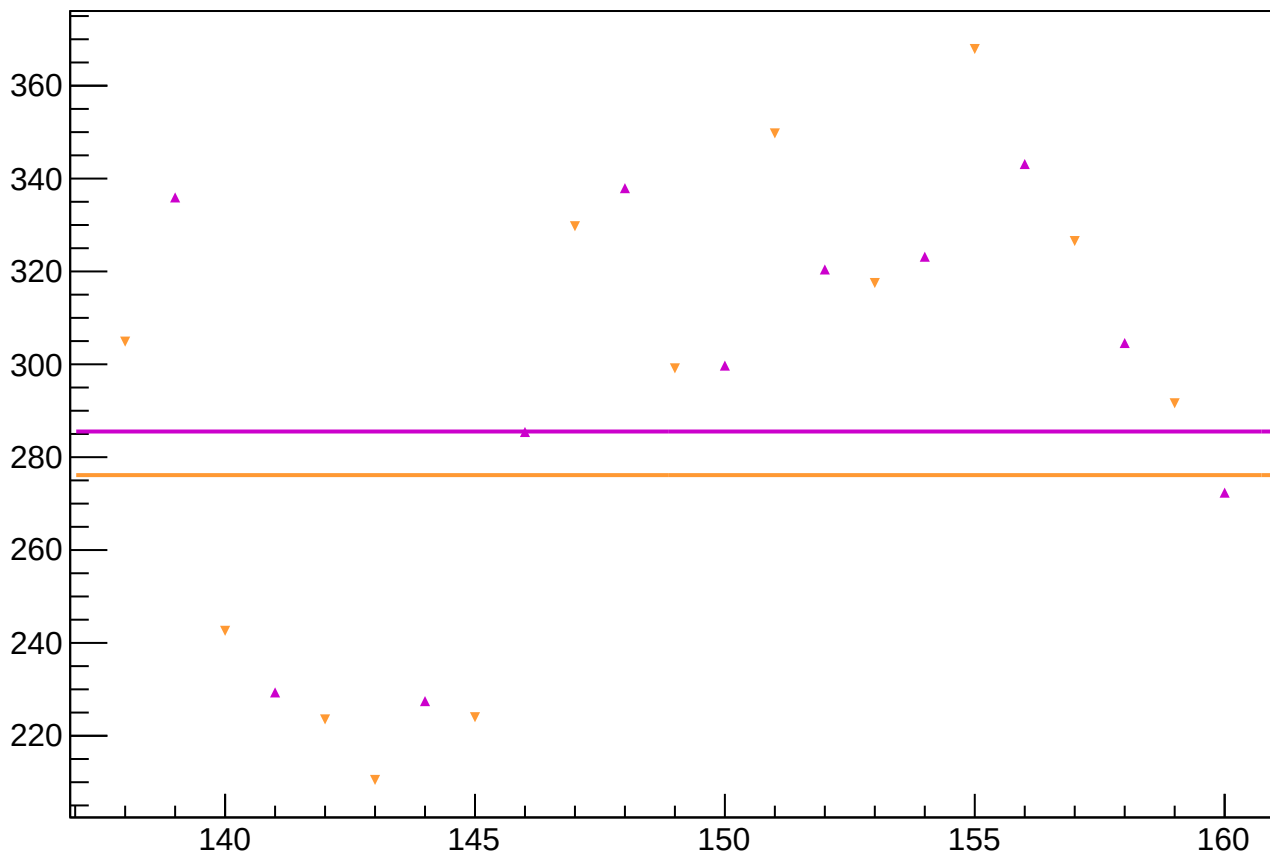
Left In: -10.403+/-96.028 χ^2/NDF : 11.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.407+/-67.322 χ^2/NDF : 46.6/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_correction_rms vs Slug



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

Left Out: 276.137+/-0.067 χ^2/NDF : 584248.6/11

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

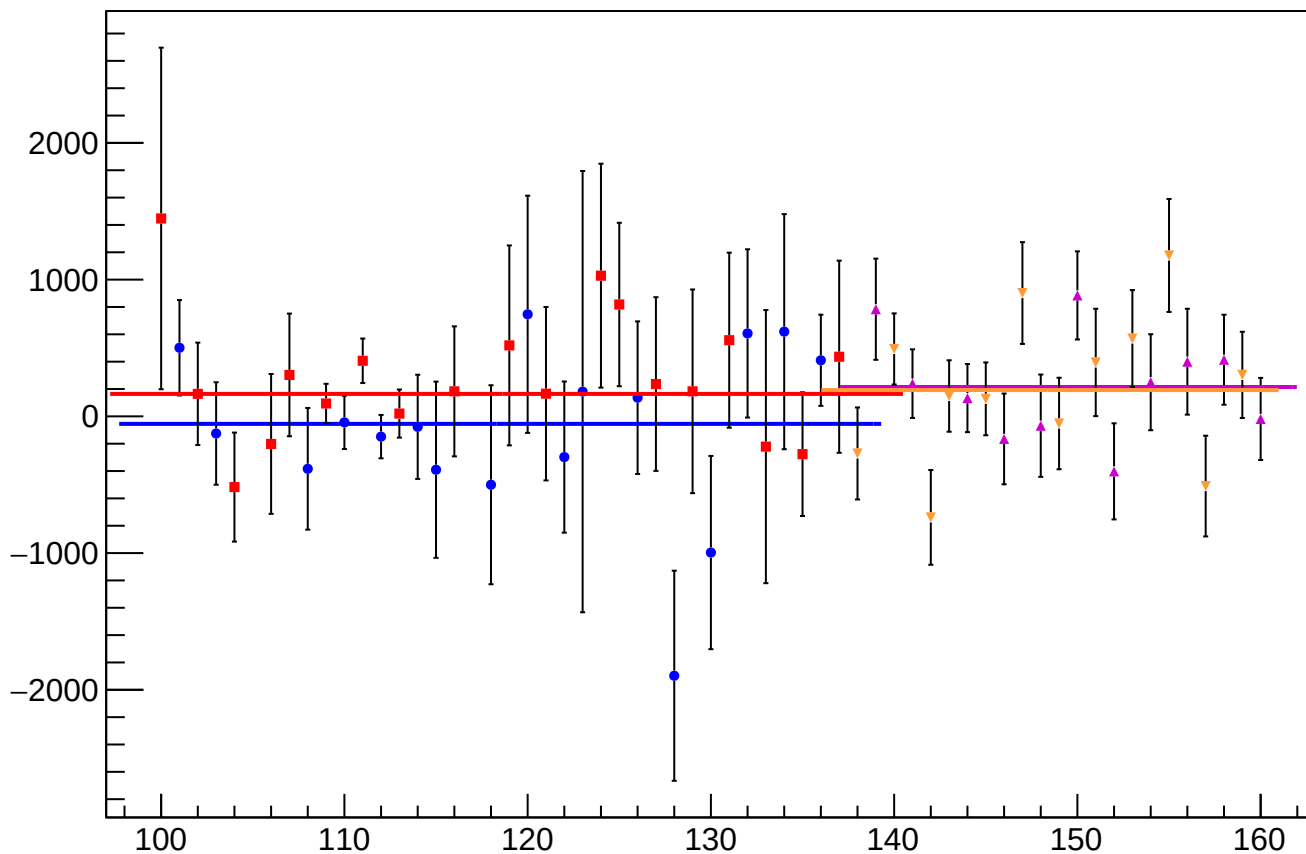
Left In: 285.528+/-0.068 χ^2/NDF : 386866.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.753+/-0.048 χ^2/NDF : 980842.4/22

- 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: 192.276 ± 93.430 χ^2/NDF : 25.5/11

Right Out: 164.141 ± 76.903 χ^2/NDF : 11.9/18

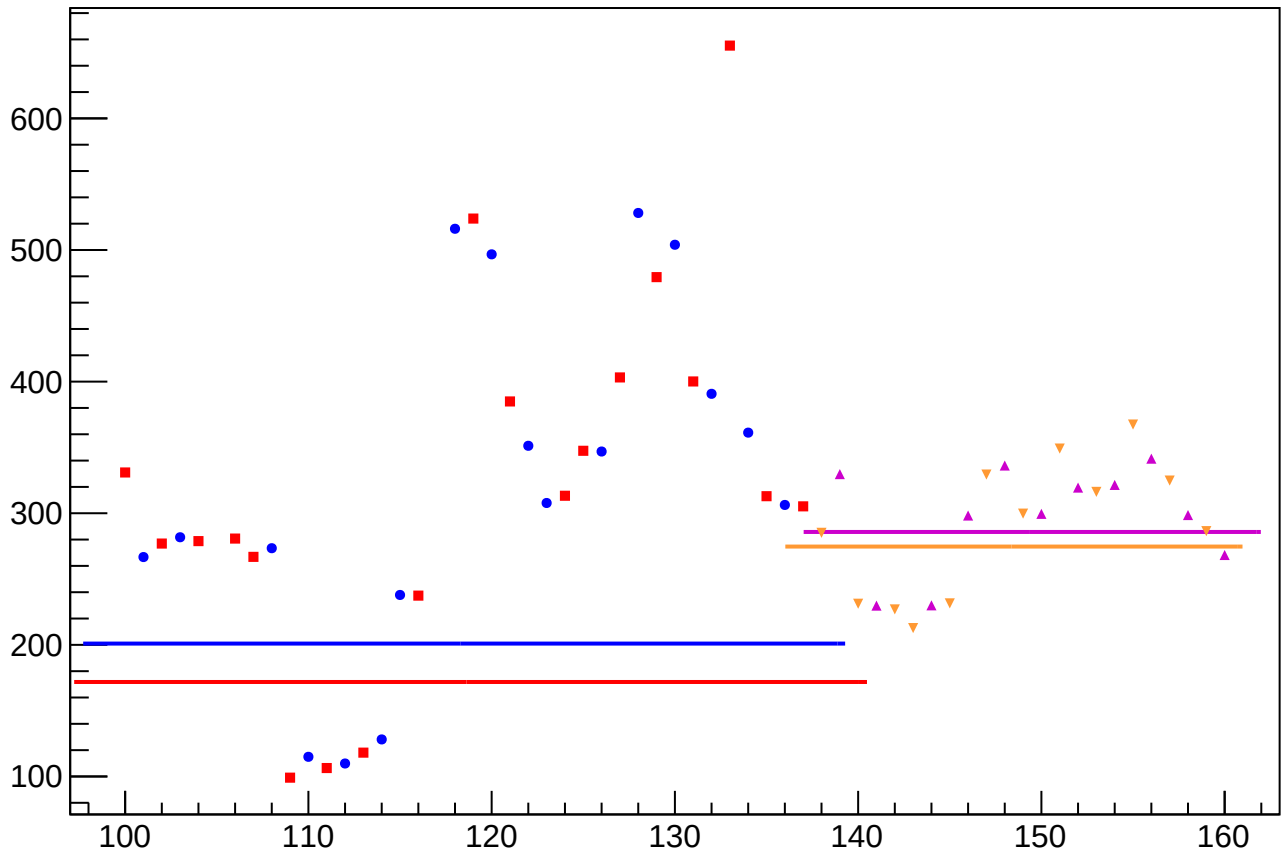
Left In: 214.592 ± 96.069 χ^2/NDF : 13.0/10

+ sign 64.537 ± 64.951 χ^2/NDF : 45.7/28

All: 128.874 ± 44.087 χ^2/NDF : 72.6/58

- sign 183.844 ± 60.037 χ^2/NDF : 25.0/29

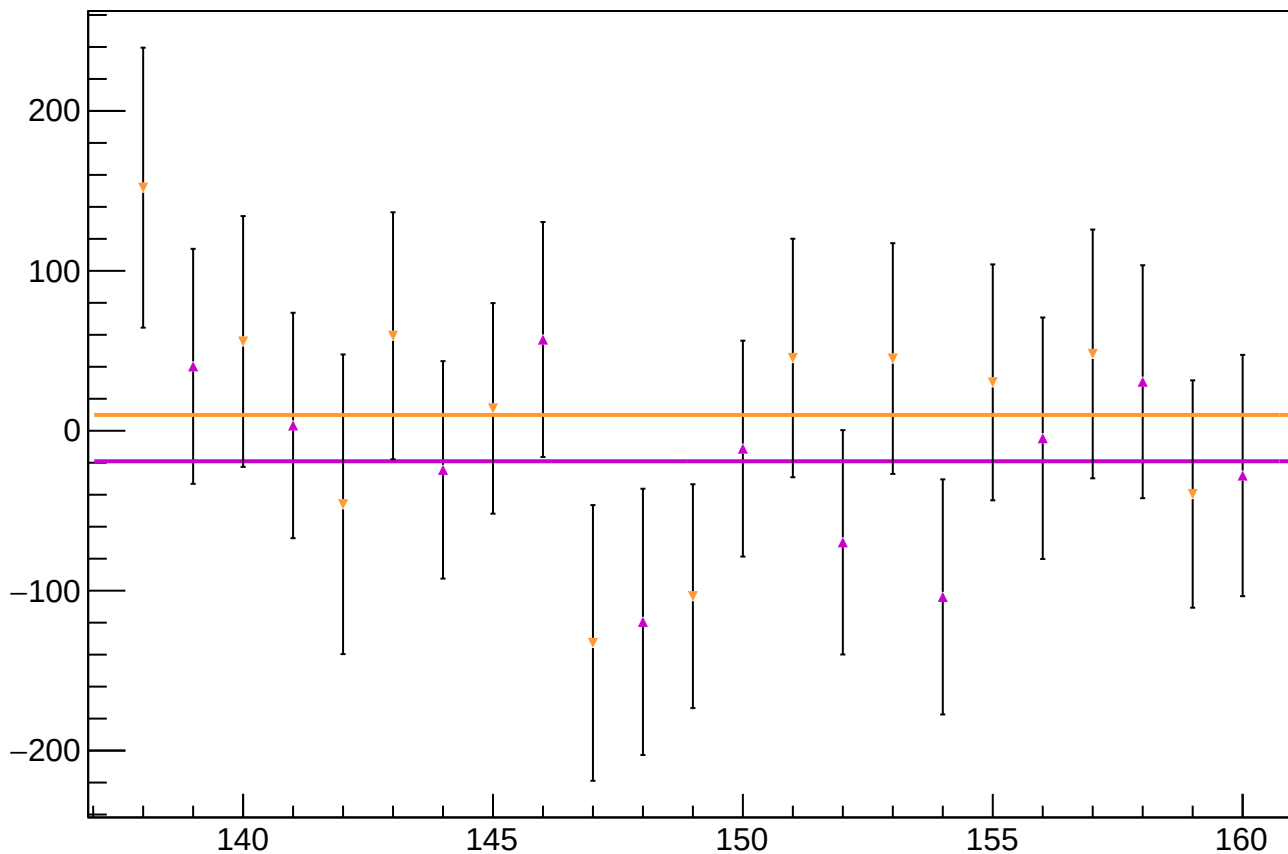
asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16
 Left Out: 274.683+/-0.066 χ^2/NDF : 554866.4/11
 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 236.594+/-0.046 χ^2/NDF : 4634299.1/28
 All: 225.655+/-0.031 χ^2/NDF : 10909122.5/58
 - 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: 9.897 $\pm$ 22.017 χ^2 /NDF:10.4/11

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

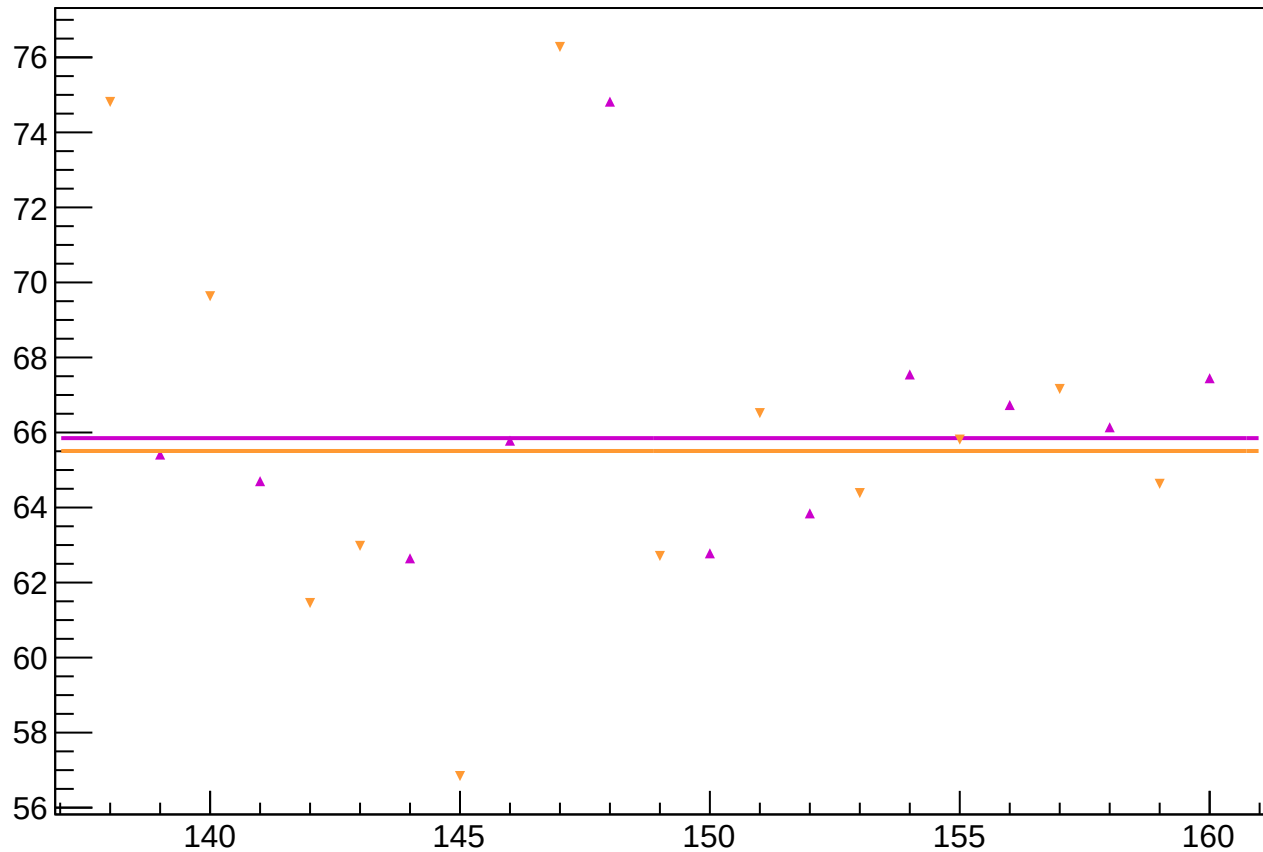
Left In: -19.071 $\pm$ 21.928 χ^2 /NDF:5.7/10

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

All: -4.645 $\pm$ 15.537 χ^2 /NDF: 16.9/22

- 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: 65.507+/-0.016 χ^2/NDF : 105158.5/11

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

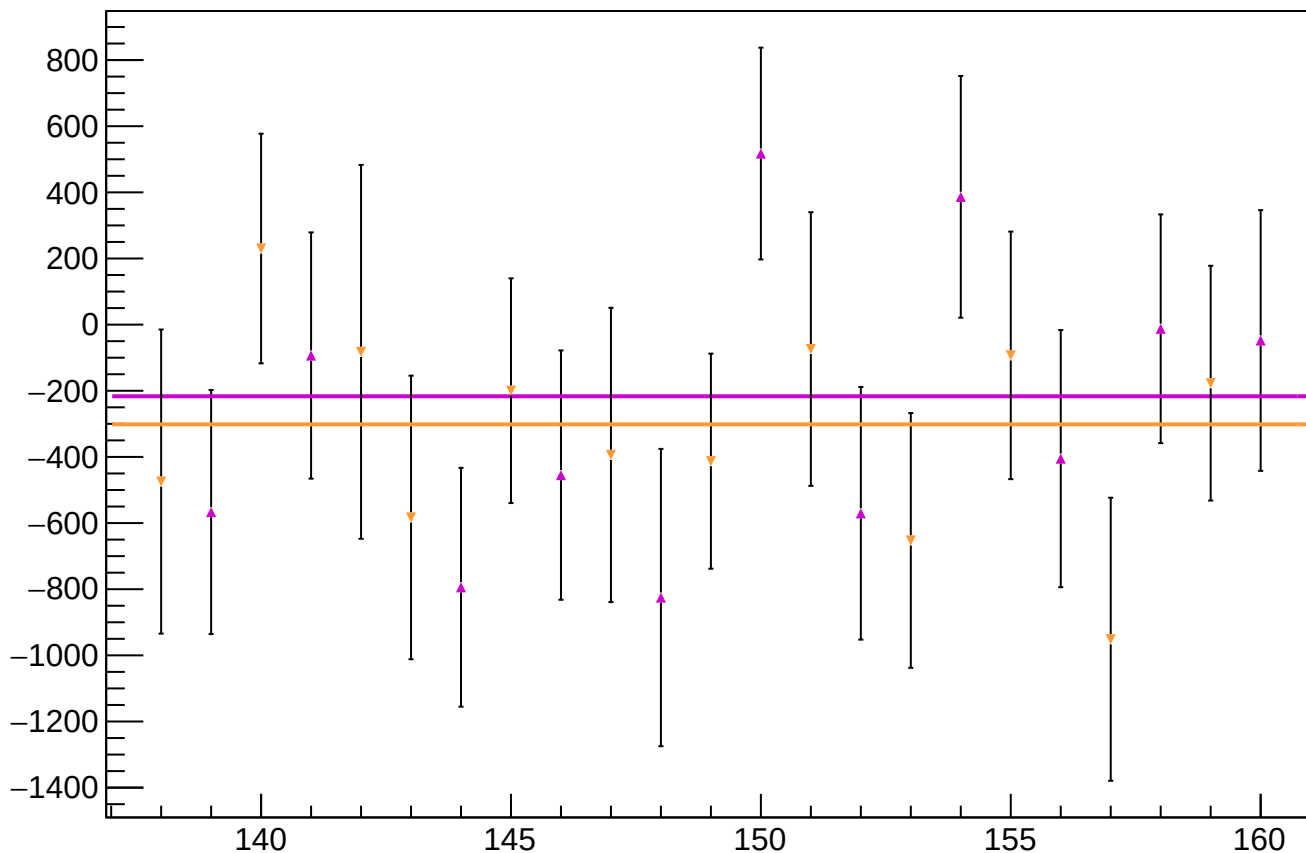
Left In: 65.850+/-0.016 χ^2/NDF : 36298.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.679+/-0.011 χ^2/NDF : 141700.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -301.497+/-113.310 χ^2/NDF : 7.2/11

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

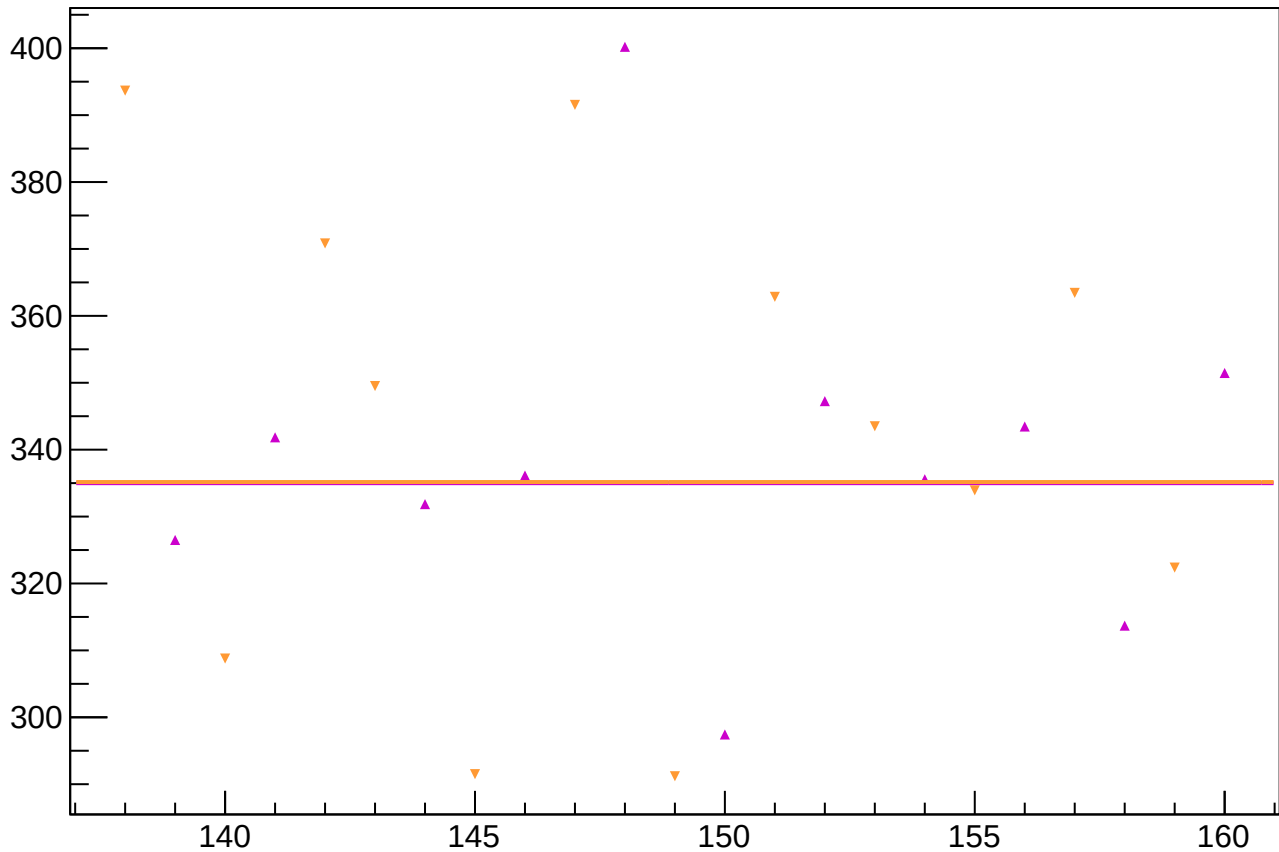
Left In: -216.705+/-111.989 χ^2/NDF : 15.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.604+/-79.651 χ^2/NDF : 22.9/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_rms vs Slug



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

Left Out: 335.163+/-0.080 χ^2/NDF : 177051.1/11

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

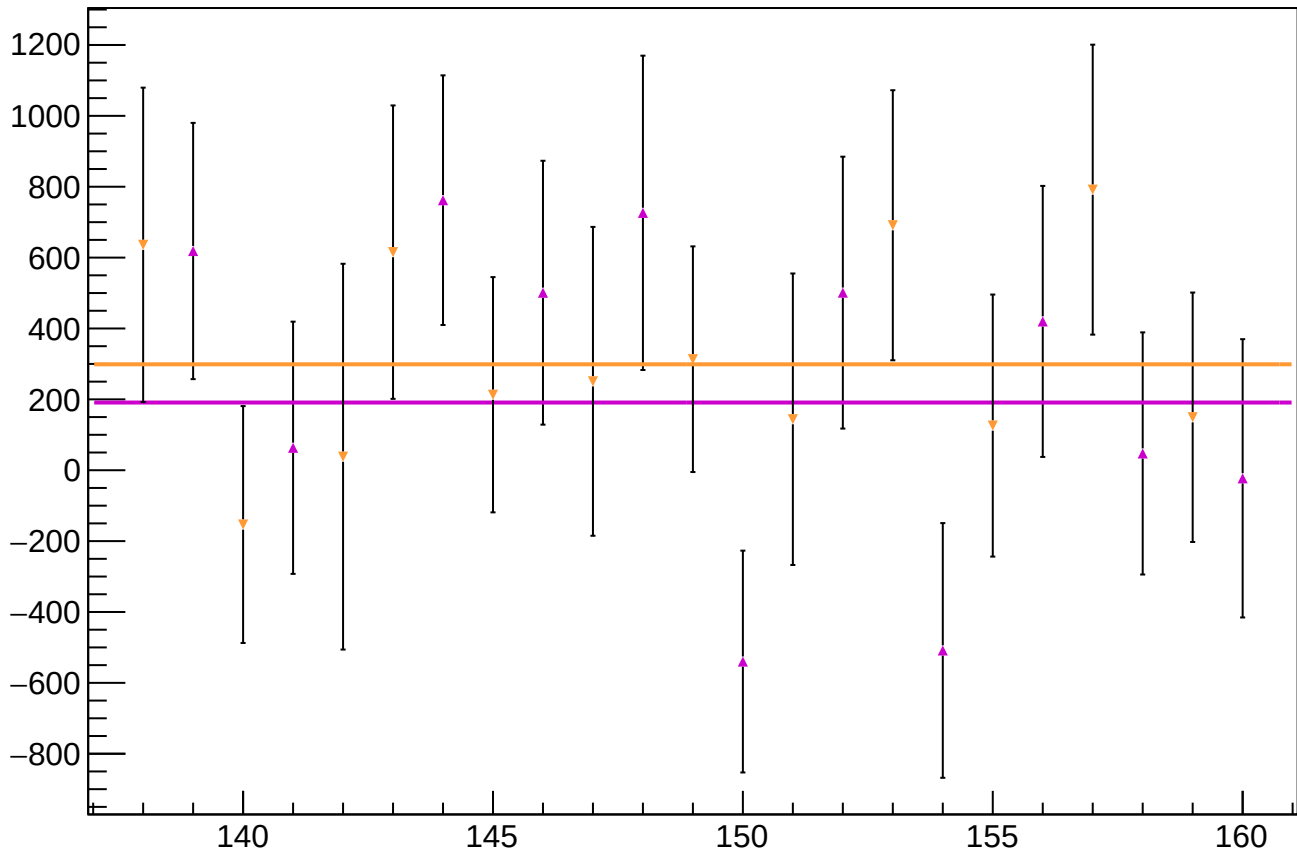
Left In: 334.994+/-0.079 χ^2/NDF : 85627.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.078+/-0.056 χ^2/NDF : 262681.0/22

- 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: 298.939+/-110.692 χ^2/NDF : 6.4/11

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

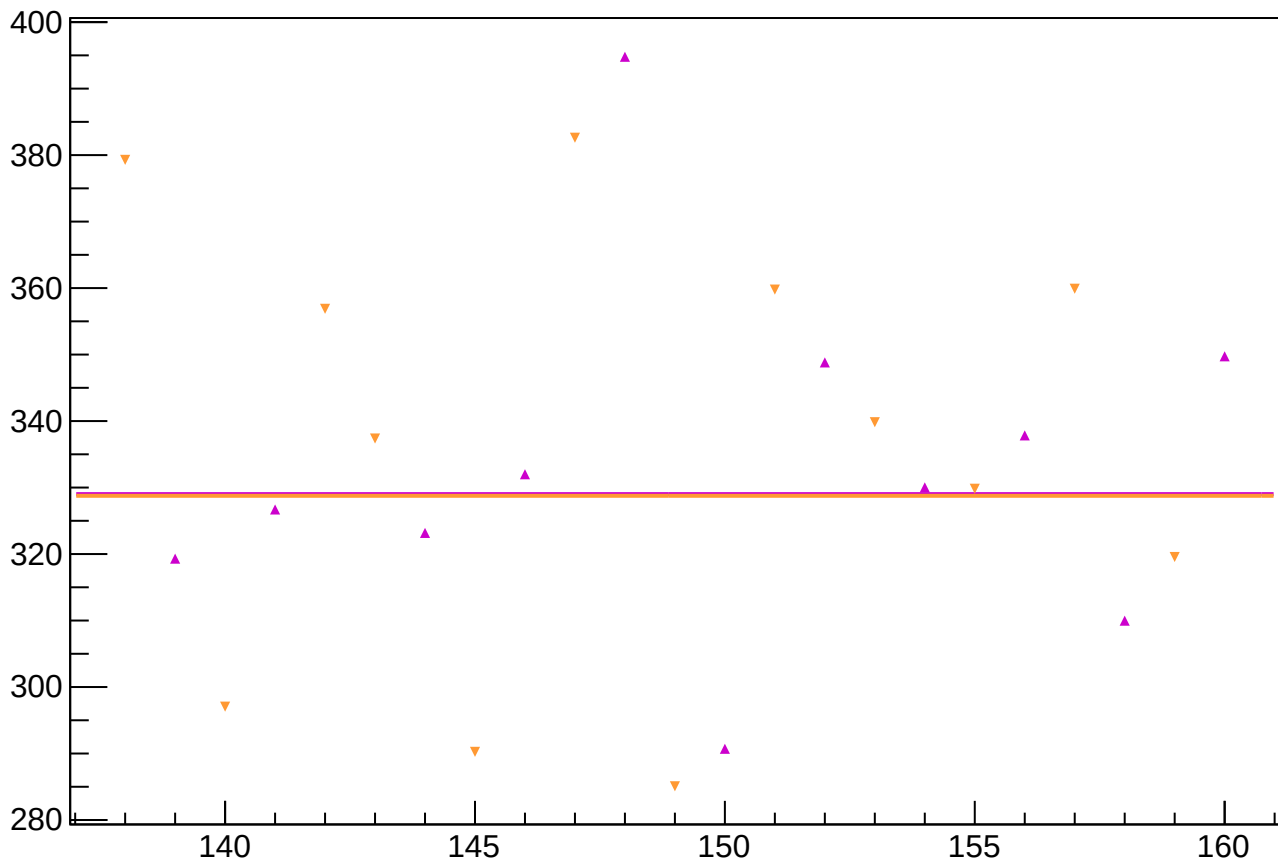
Left In: 191.035+/-110.066 χ^2/NDF : 17.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.681+/-78.049 χ^2/NDF : 23.9/22

- 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: 328.763+/-0.078 χ^2/NDF :171313.9/11

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

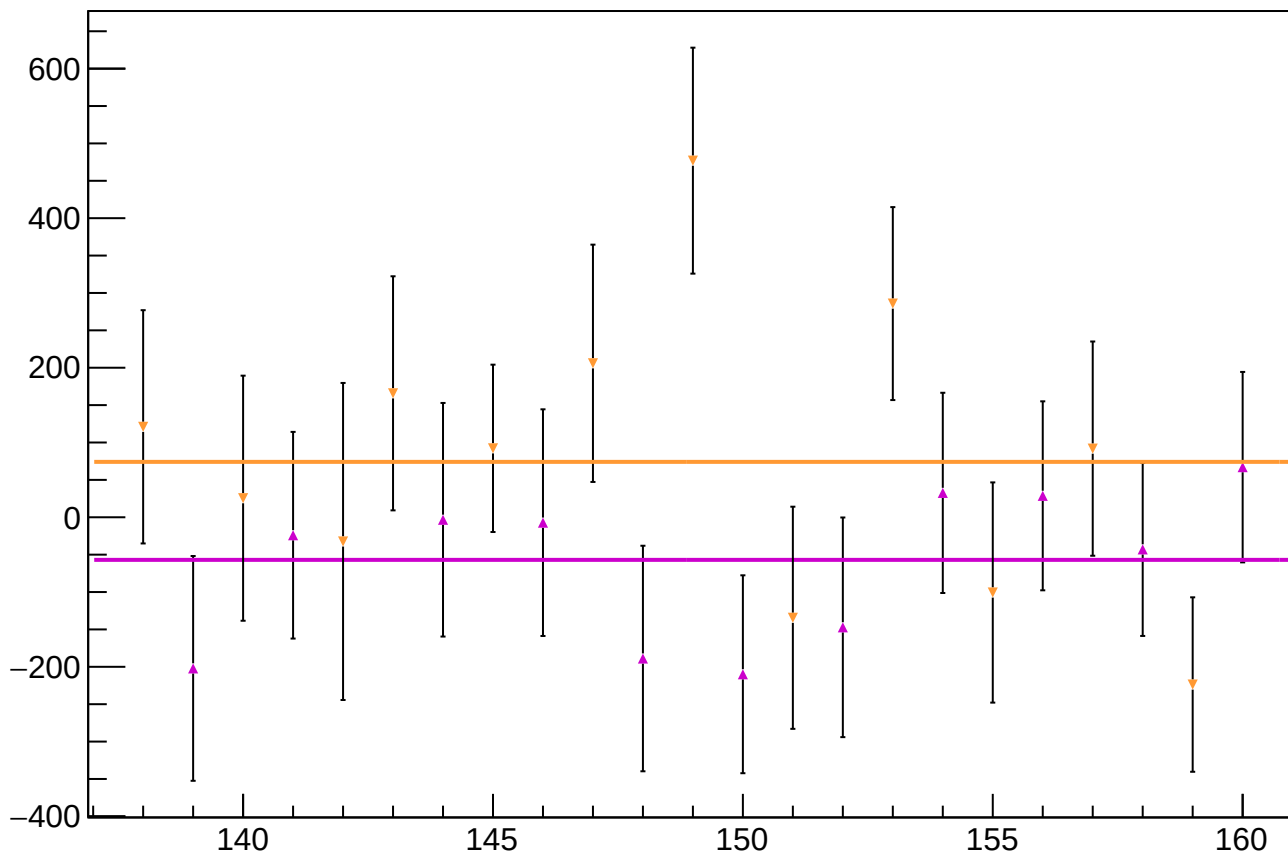
Left In: 329.011+/-0.078 χ^2/NDF :94343.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.888+/-0.055 χ^2/NDF : 265662.0/22

- 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: 74.099+/-41.578 χ^2/NDF :21.2/11

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

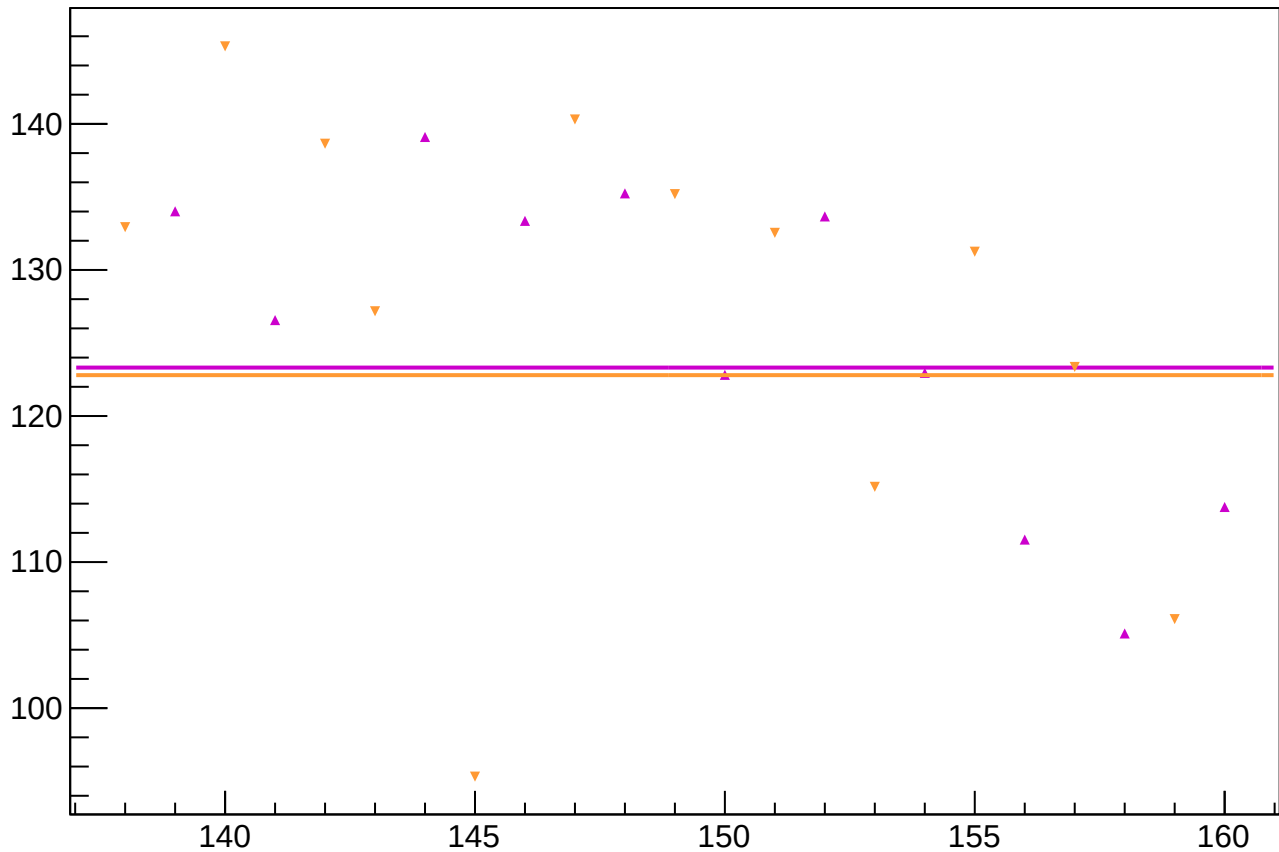
Left In: -56.969+/-41.409 χ^2/NDF :5.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.298+/-29.340 χ^2/NDF : 31.8/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 122.798+/-0.029 χ^2/NDF :280627.5/11

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

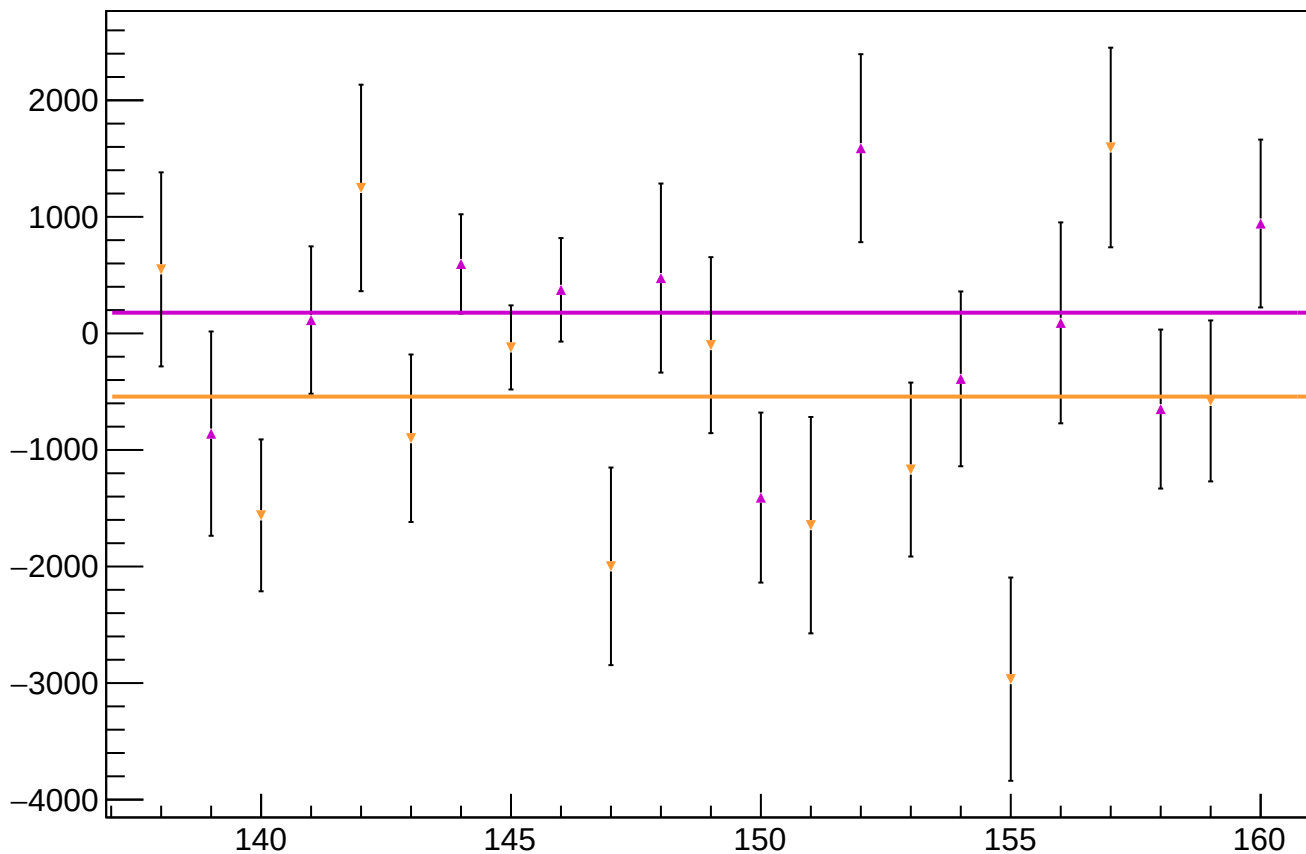
Left In: 123.316+/-0.029 χ^2/NDF :140985.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.058+/-0.021 χ^2/NDF : 421768.7/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -542.271+/-197.738 χ^2/NDF : 29.2/11

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

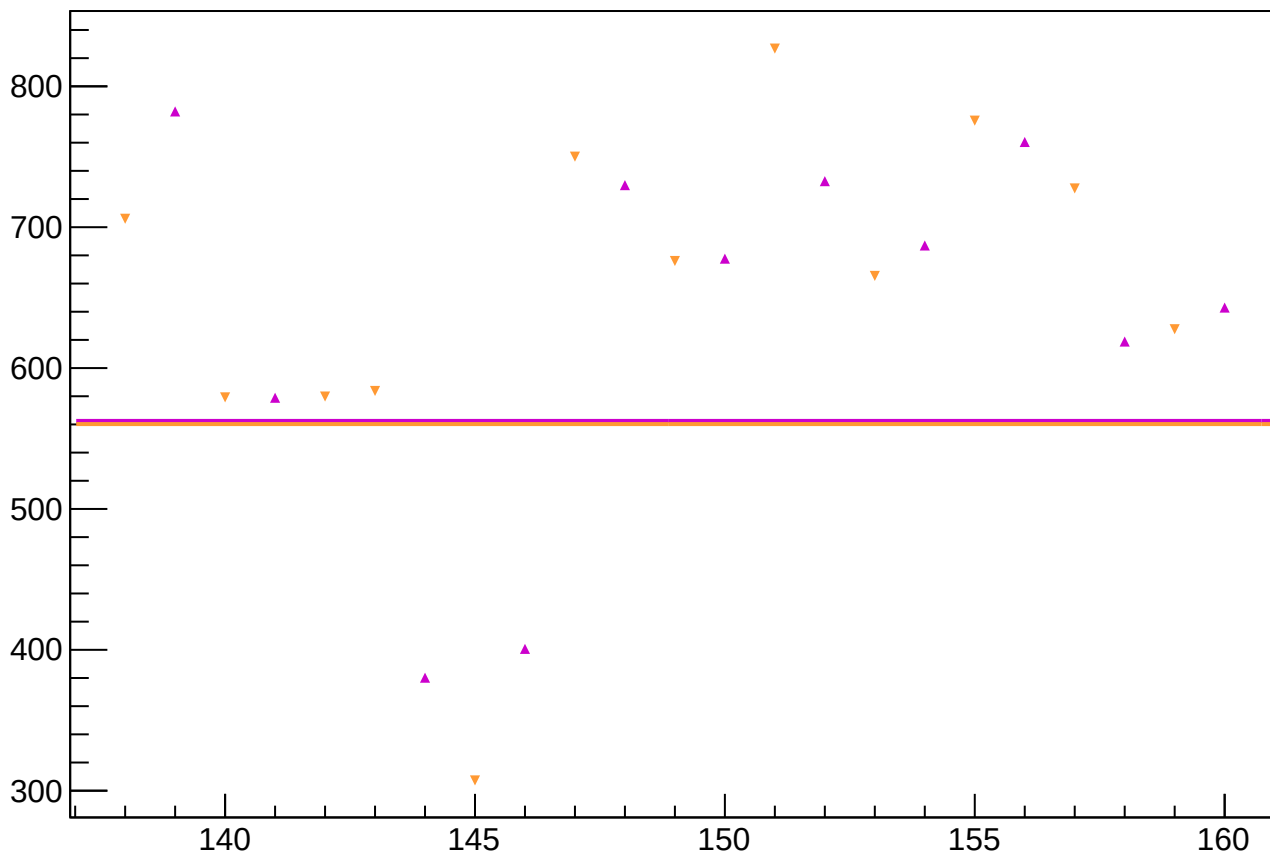
Left In: 177.725+/-194.171 χ^2/NDF : 13.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.720+/-138.544 χ^2/NDF : 49.7/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_rms vs Slug



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

Left Out: 560.242+/-0.140 χ^2/NDF : 1618950.5/11

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

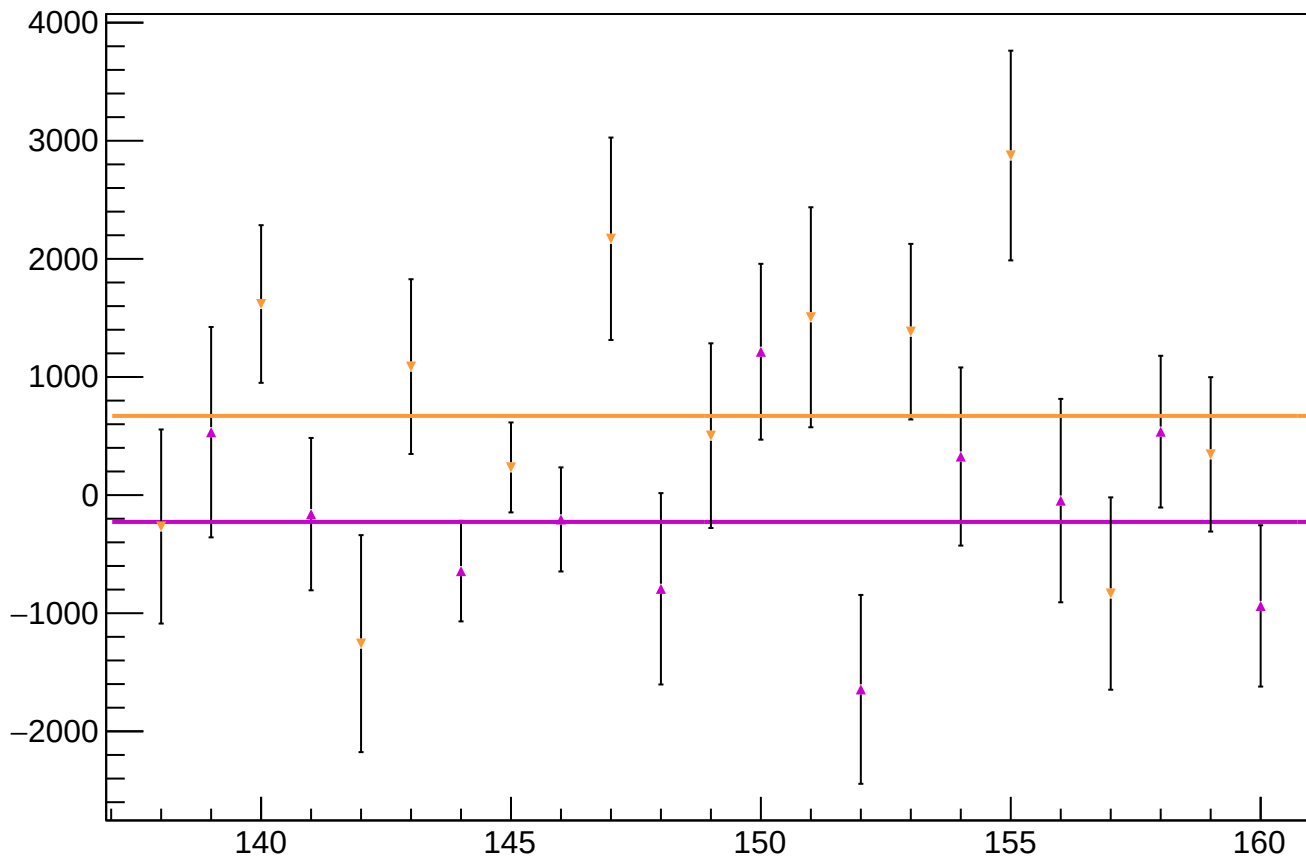
Left In: 562.496+/-0.137 χ^2/NDF : 1182049.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.390+/-0.098 χ^2/NDF : 2801132.5/22

- 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: 670.419+/-201.160 χ^2/NDF : 24.0/11

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

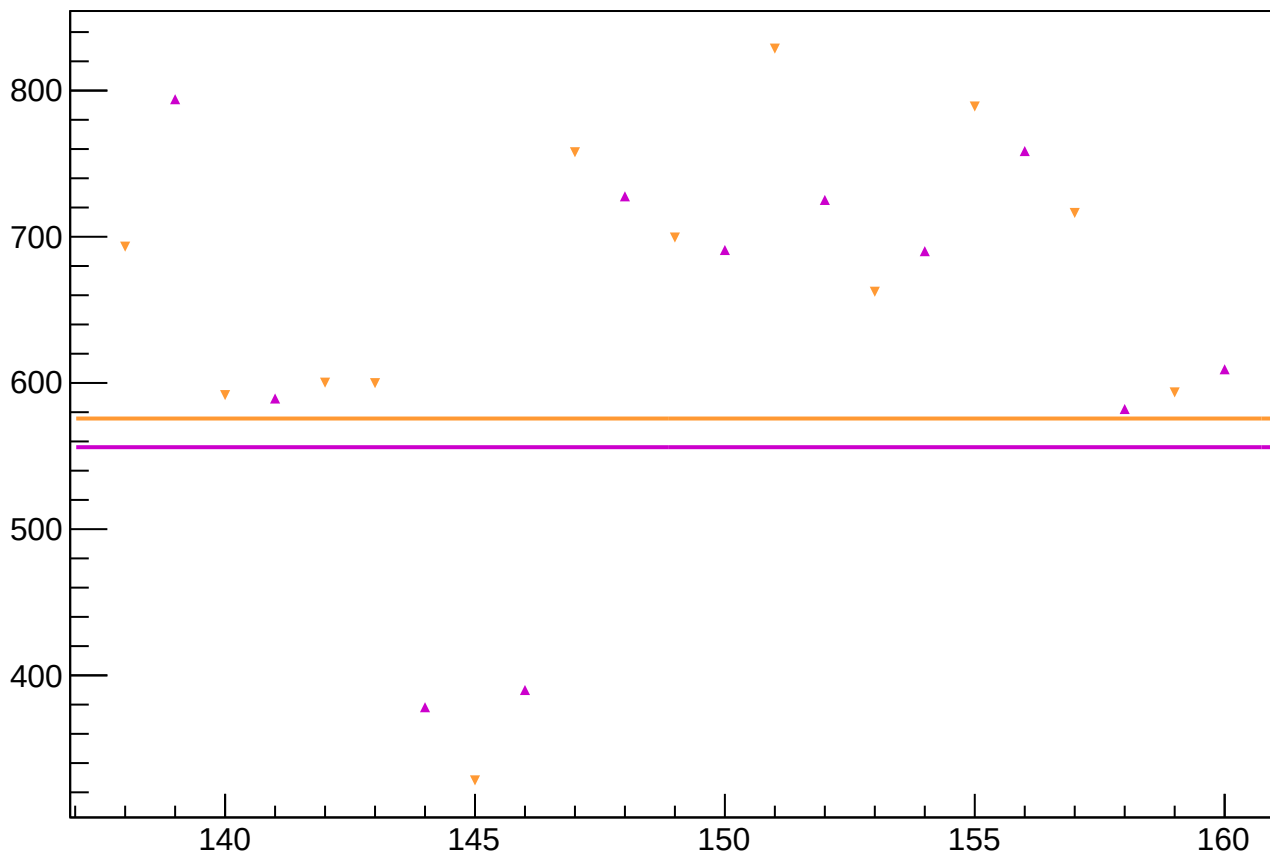
Left In: -227.332+/-192.812 χ^2/NDF : 12.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.529+/-139.196 χ^2/NDF : 46.5/22

- 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: 575.676+/-0.142 χ^2/NDF :1382578.8/11

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

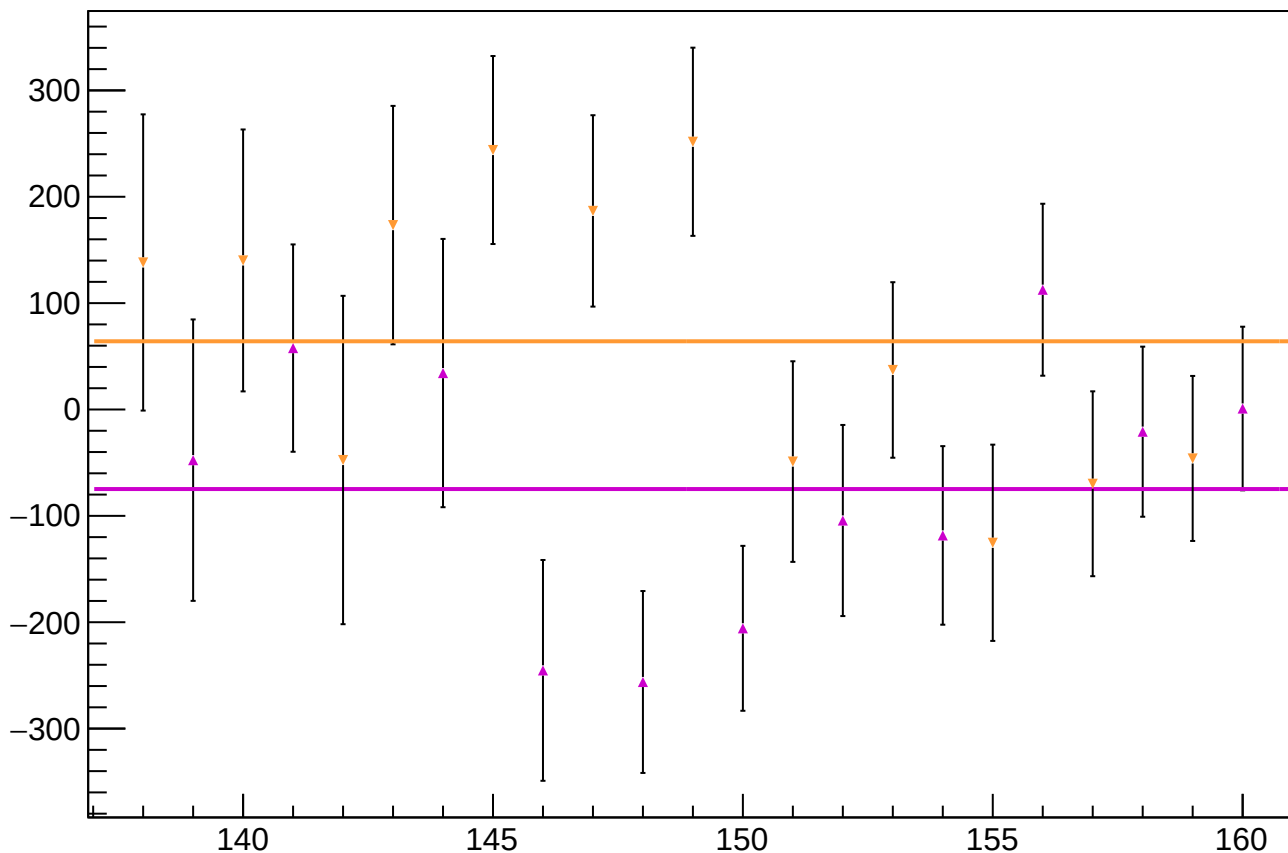
Left In: 556.064+/-0.136 χ^2/NDF :1215579.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.454+/-0.098 χ^2/NDF : 2608065.4/22

- 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: 64.131 $\pm$ 27.801 χ^2 /NDF:22.8/11

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

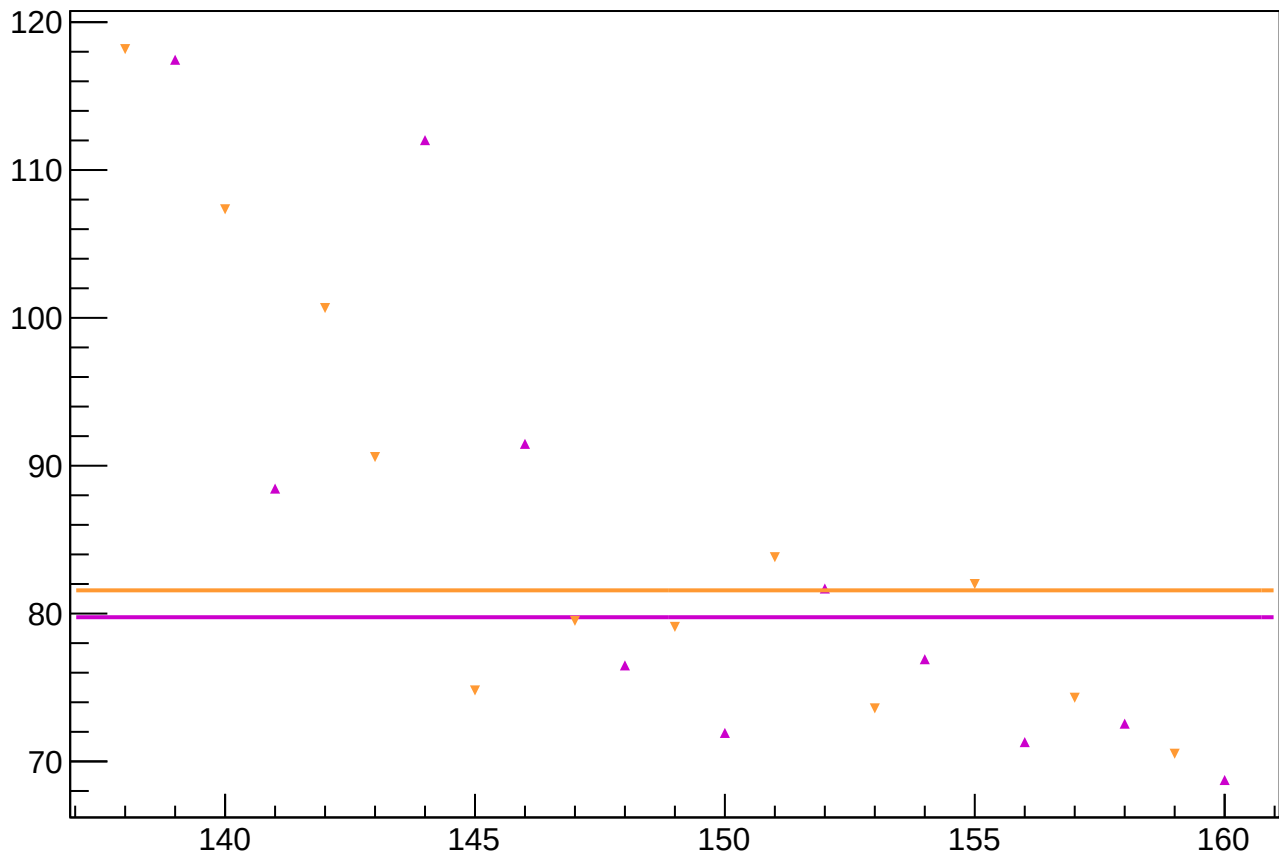
Left In: -74.792 $\pm$ 27.062 χ^2 /NDF:19.9/10

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

All: -7.202 $\pm$ 19.392 χ^2 /NDF: 55.5/22

- 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: 81.570+/-0.020 χ^2/NDF :358192.4/11

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

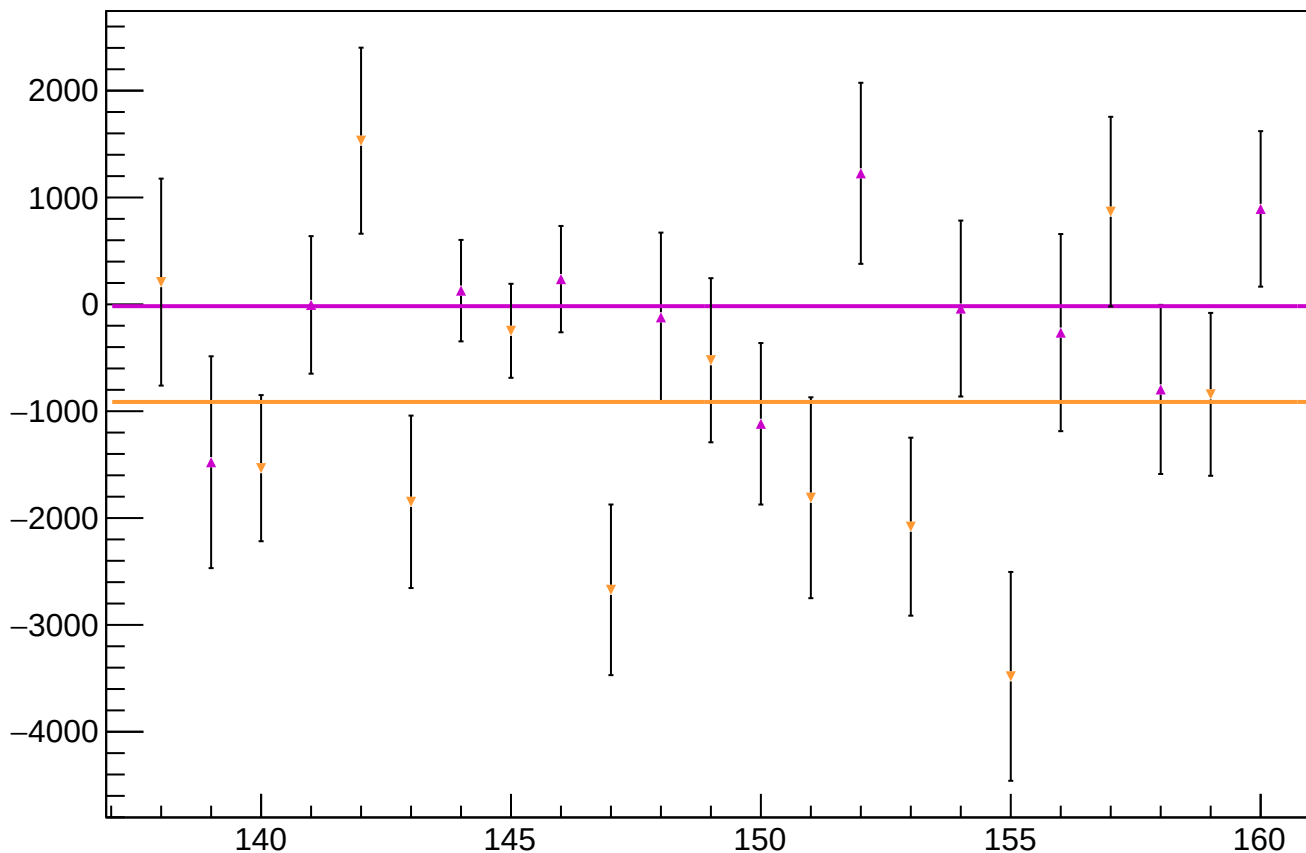
Left In: 79.752+/-0.019 χ^2/NDF :440411.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.637+/-0.014 χ^2/NDF : 802995.2/22

- 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: -913.381 $\pm$ 217.696 χ^2 /NDF:32.6/11

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

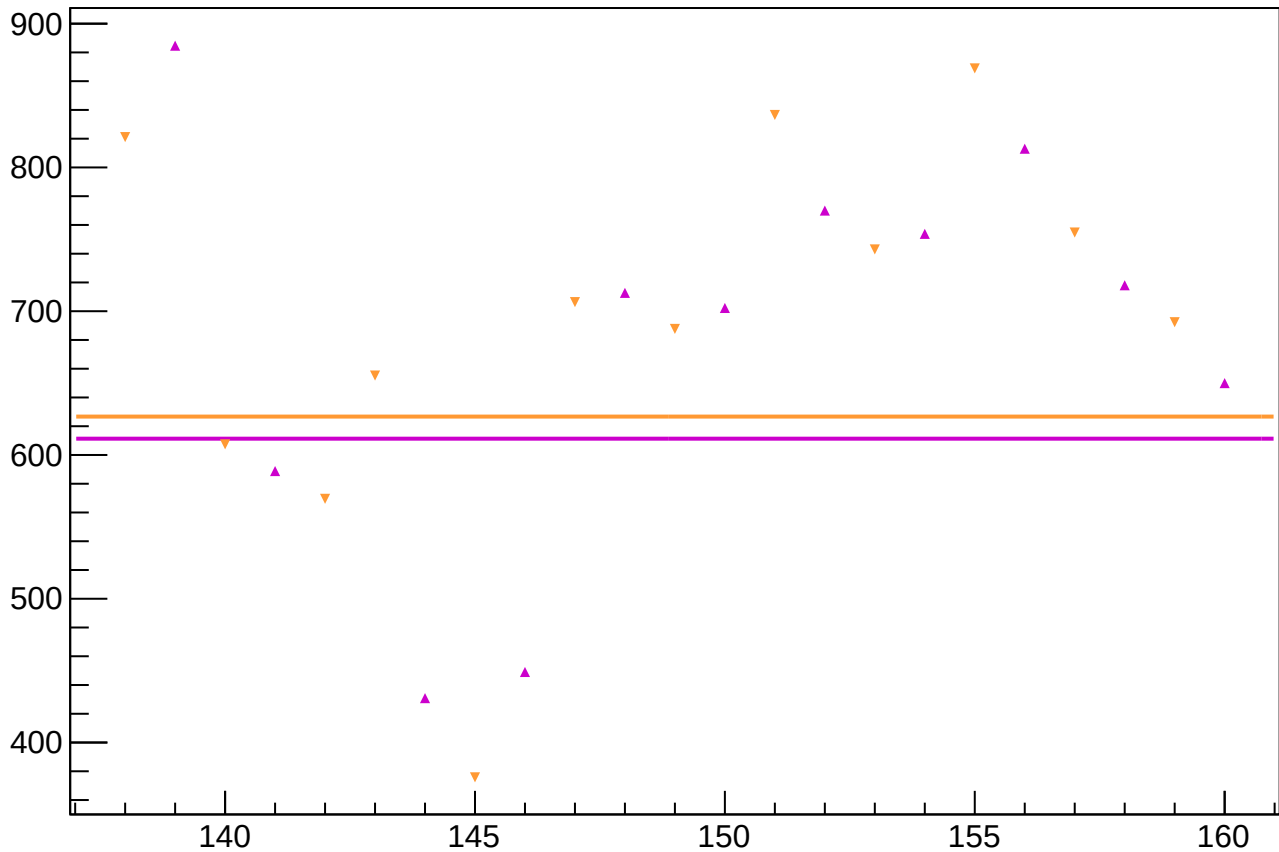
Left In: -17.066 $\pm$ 209.527 χ^2 /NDF:9.4/10

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

All: -448.093 $\pm$ 150.963 χ^2 /NDF: 50.8/22

- 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: 626.709+/-0.154 χ^2/NDF : 1094333.0/11

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

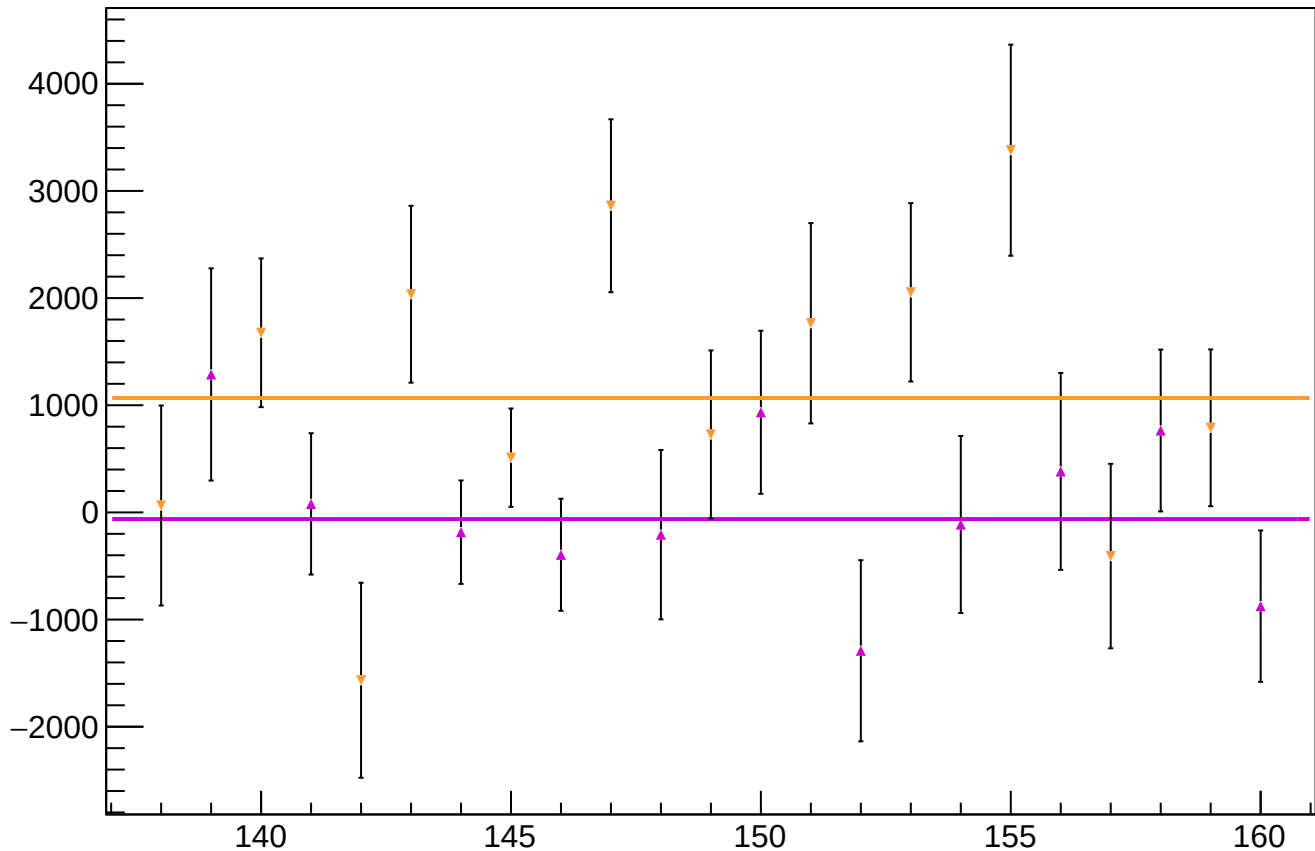
Left In: 611.339+/-0.148 χ^2/NDF : 985601.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.730+/-0.107 χ^2/NDF : 2085109.8/22

- 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: 1067.901+/-220.057 χ^2/NDF : 28.8/11

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

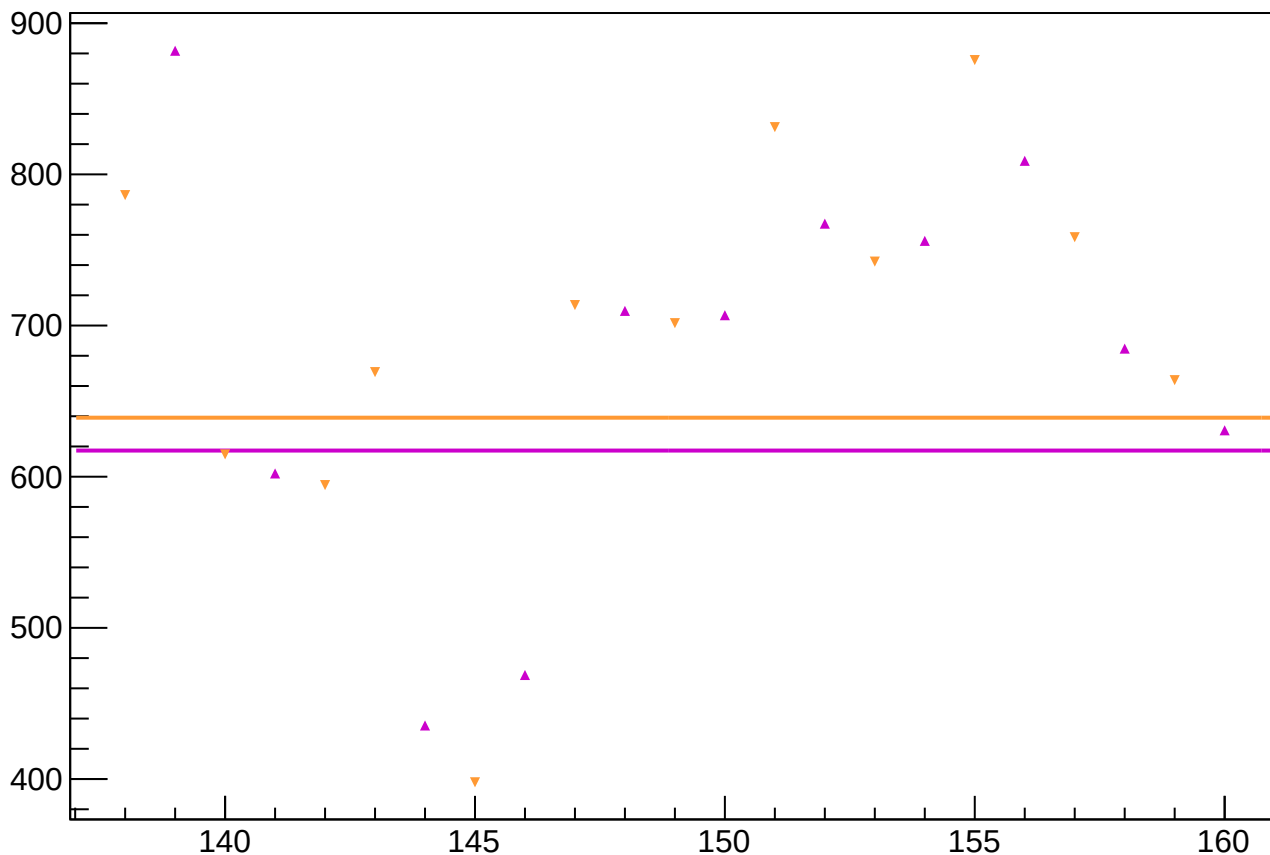
Left In: -62.267+/-211.264 χ^2/NDF : 9.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.787+/-152.400 χ^2/NDF : 51.6/22

- 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: 639.042+/-0.156 χ^2/NDF : 913600.0/11

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

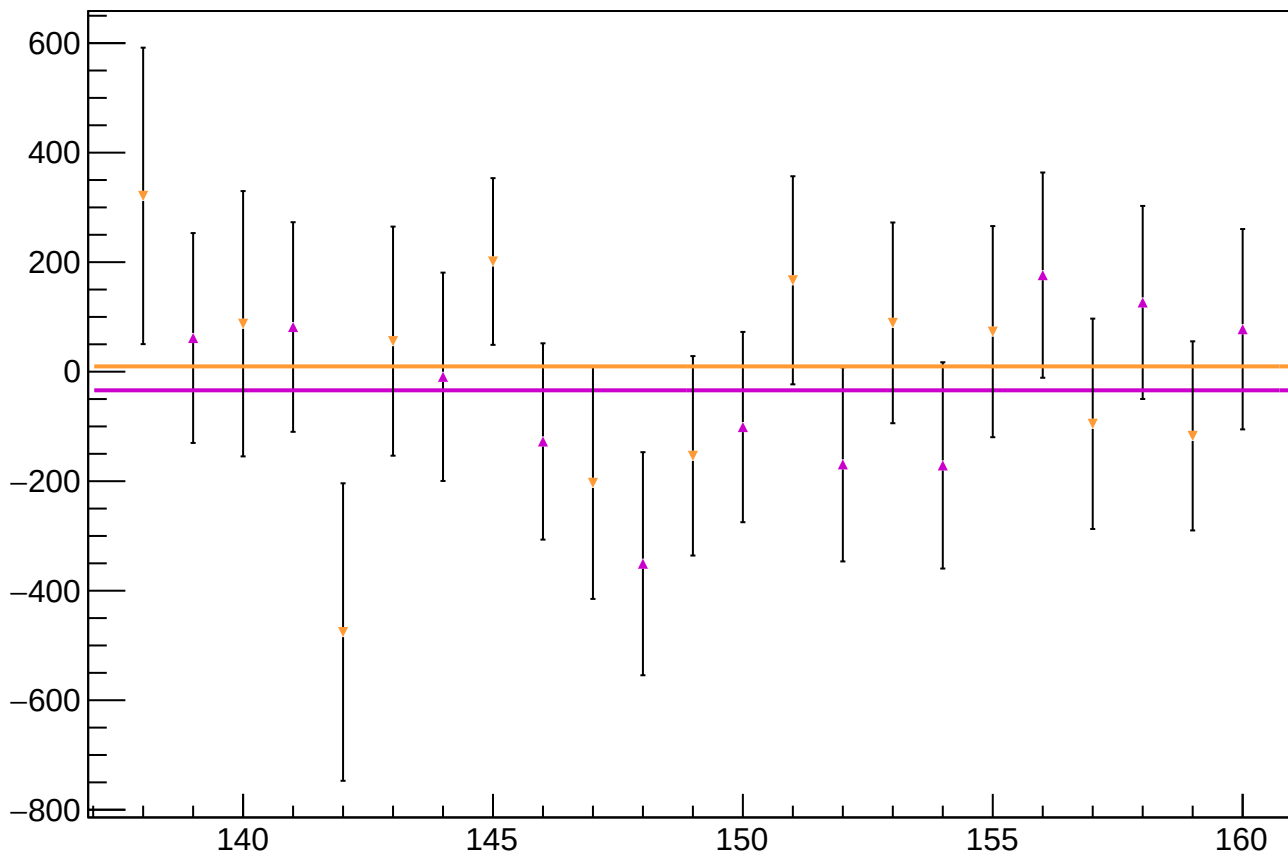
Left In: 617.295+/-0.149 χ^2/NDF : 867250.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.726+/-0.108 χ^2/NDF : 1791014.8/22

- 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: 9.632 $\pm$ 57.010 χ^2 /NDF:9.9/11

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

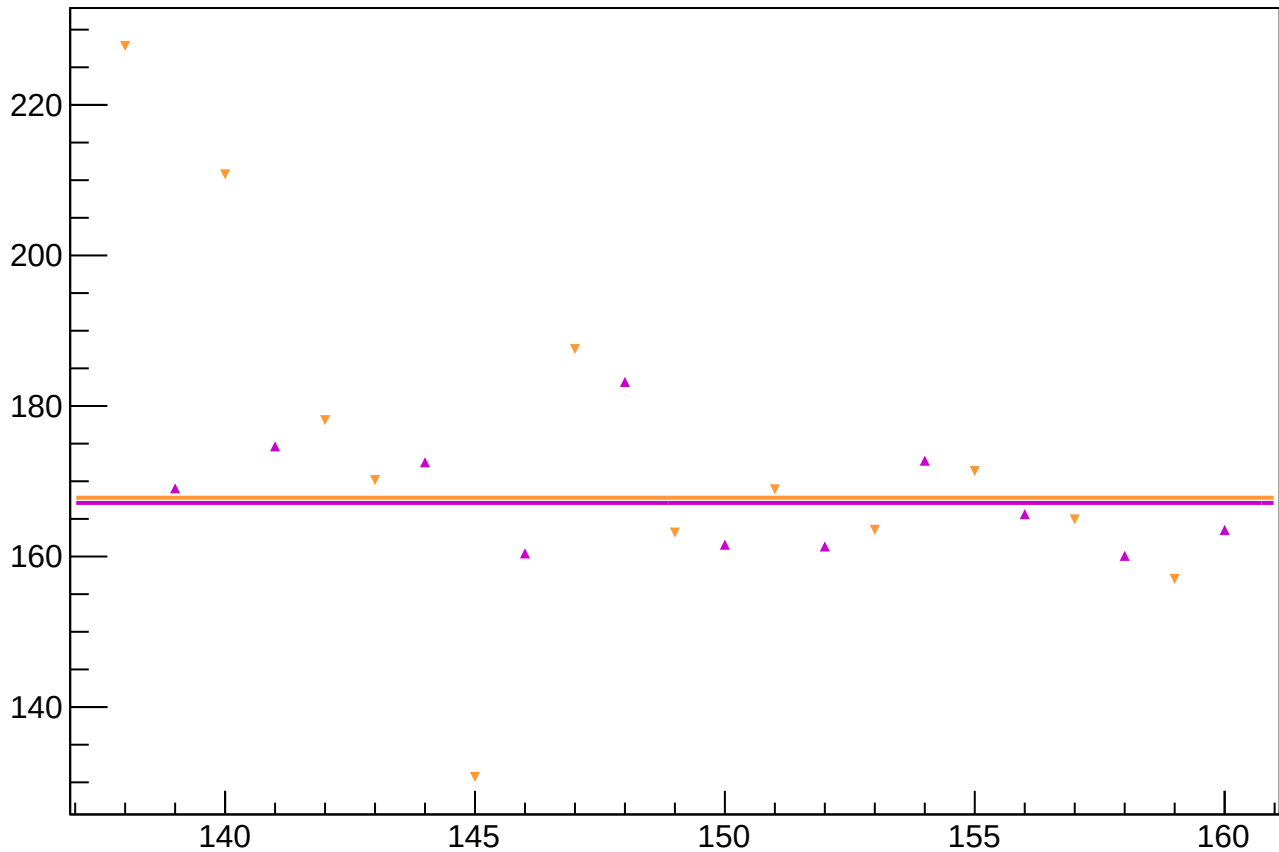
Left In: -34.034 $\pm$ 55.812 χ^2 /NDF:7.0/10

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

All: -12.664 $\pm$ 39.882 χ^2 /NDF: 17.2/22

- 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: 167.815+/-0.040 χ^2/NDF : 311840.7/11

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

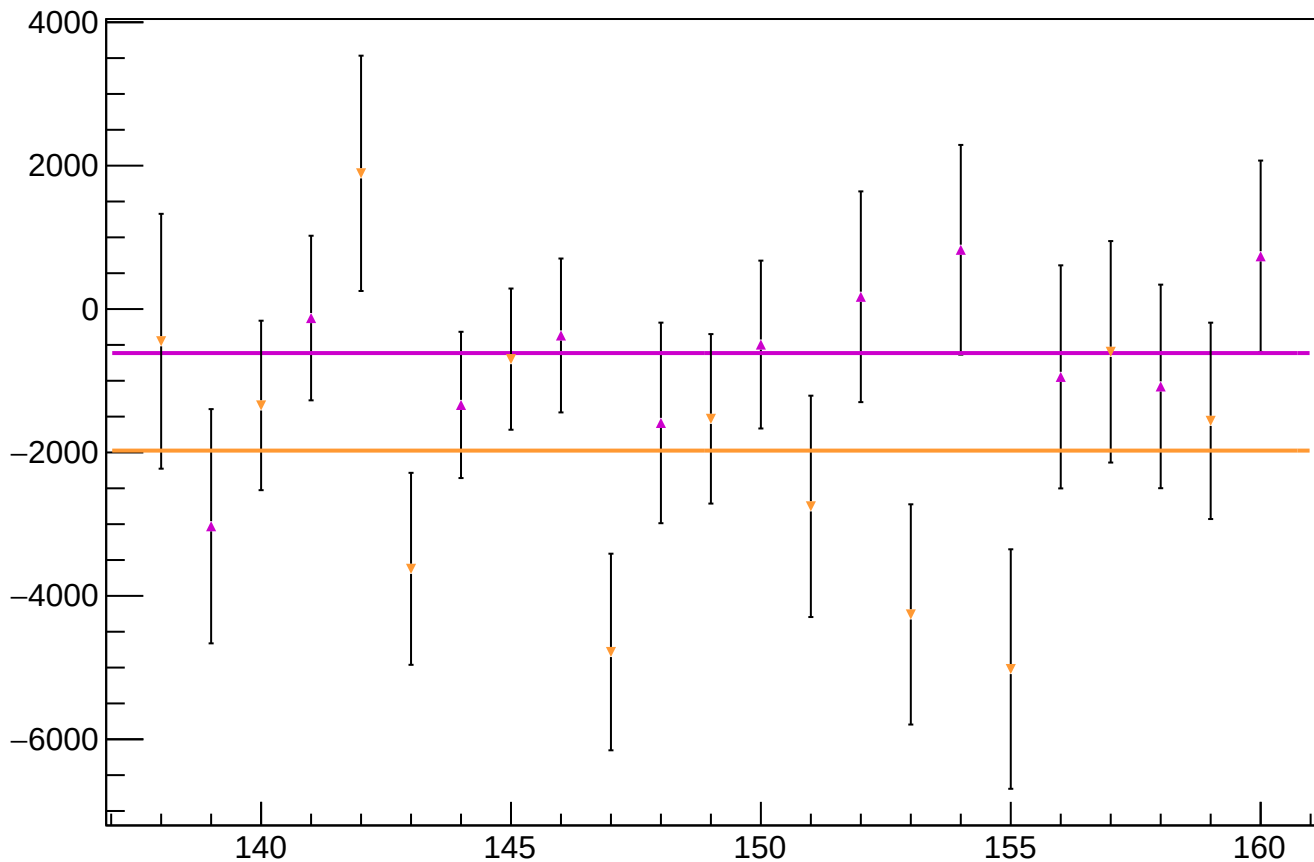
Left In: 167.123+/-0.039 χ^2/NDF : 30160.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.462+/-0.028 χ^2/NDF : 342151.4/22

- 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: -1973.959+/-395.400 χ^2/NDF :20.8/11

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

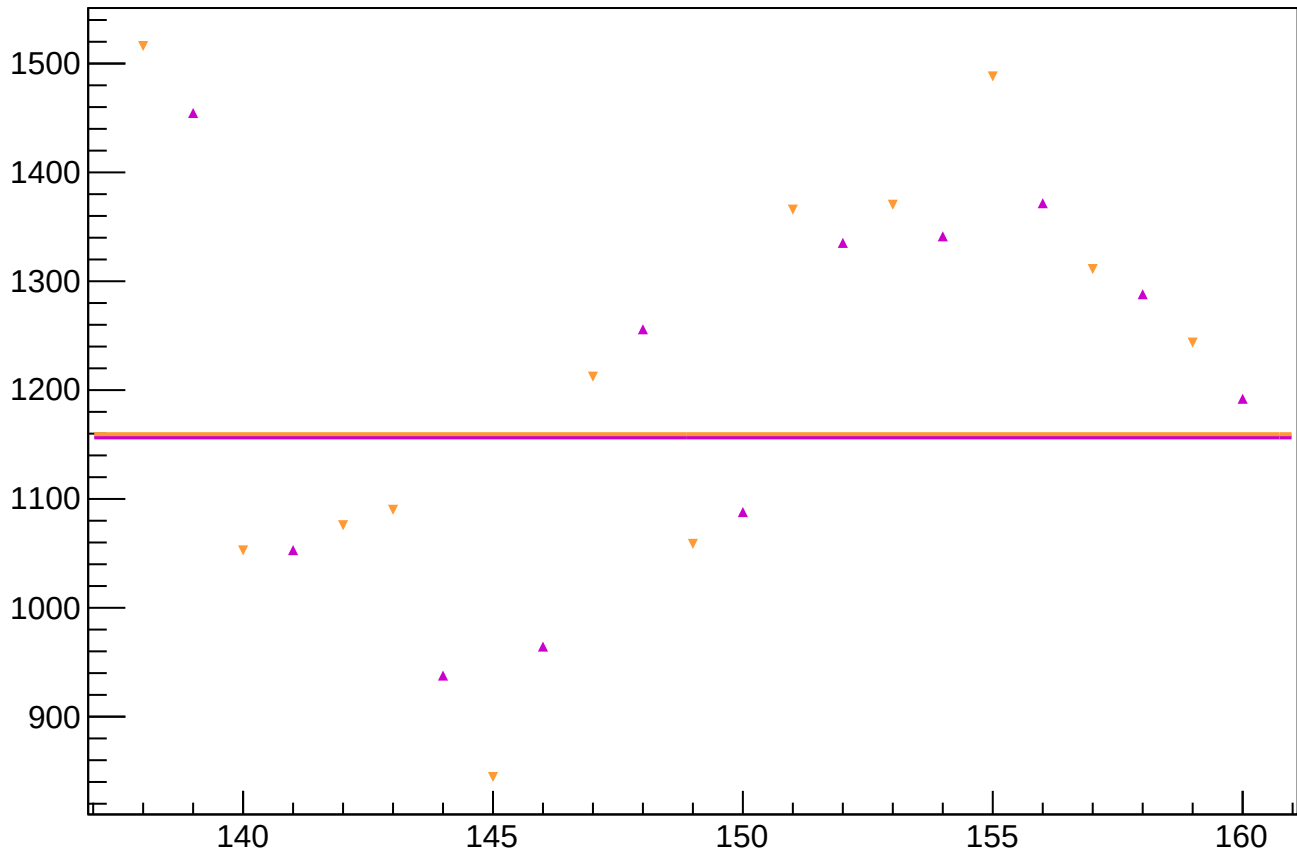
Left In: -613.861+/-389.058 χ^2/NDF :5.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1282.916+/-277.320 χ^2/NDF : 32.7/22

- 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: 1159.484+/-0.280 χ^2/NDF : 507253.1/11

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

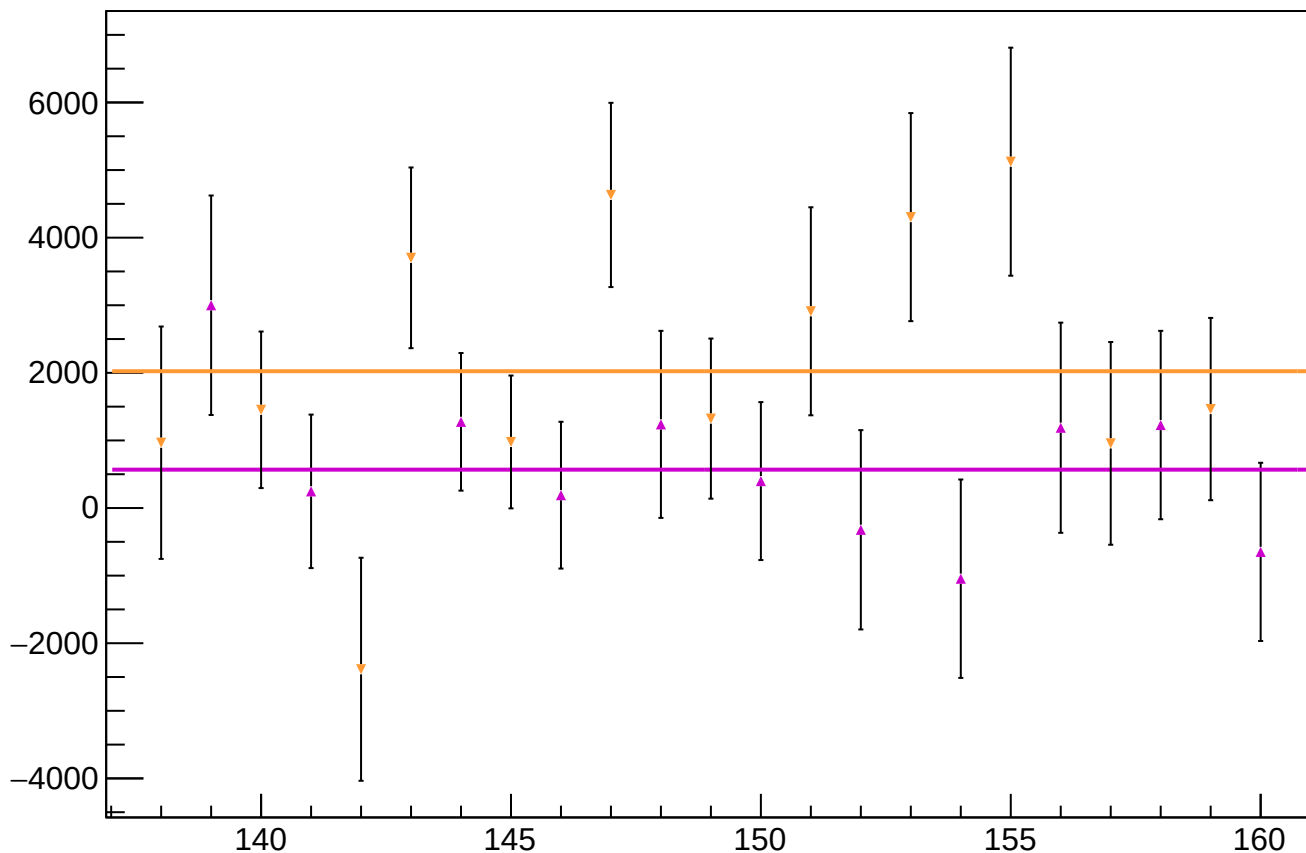
Left In: 1156.550+/-0.275 χ^2/NDF : 374316.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1157.993+/-0.196 χ^2/NDF : 881625.9/22

- 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: 2023.937+/-392.581 χ^2/NDF :21.1/11

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

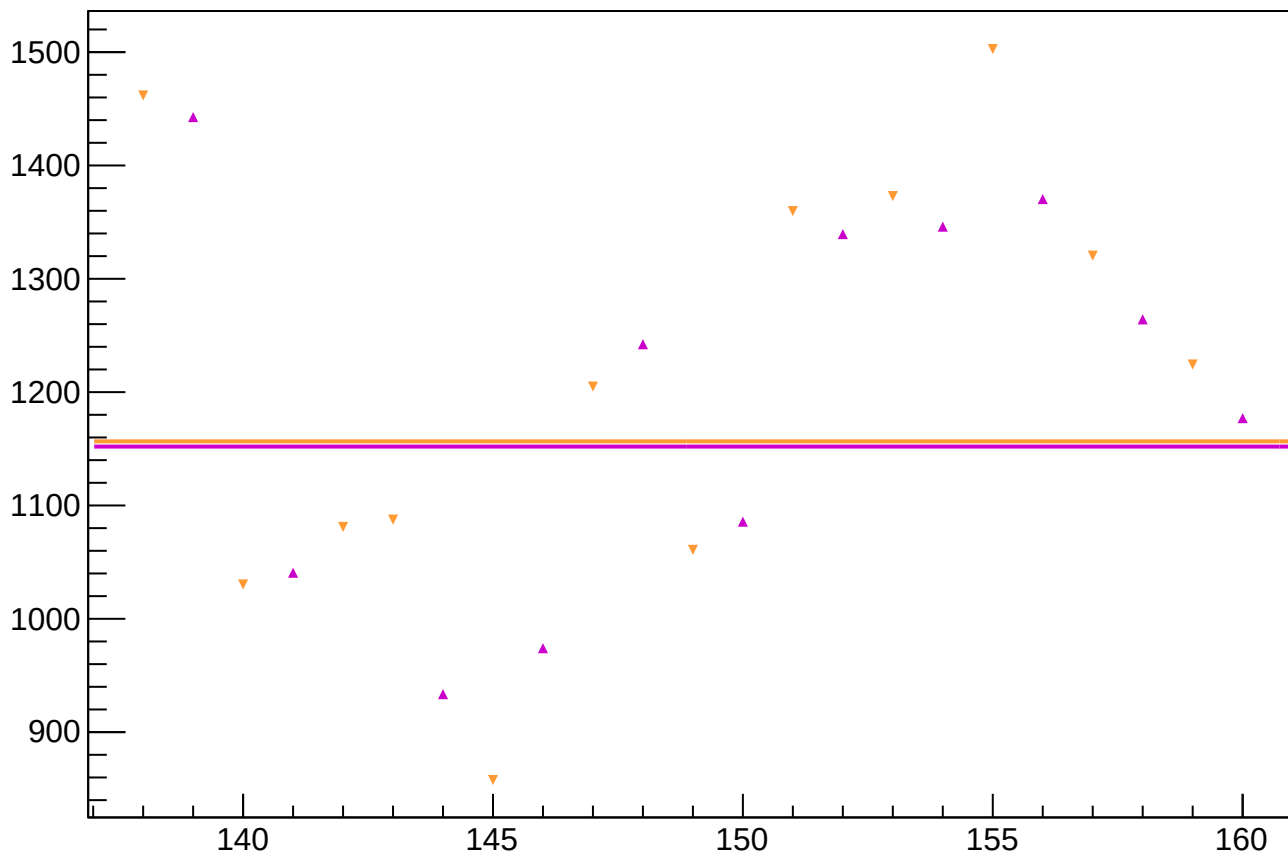
Left In: 567.825+/-387.729 χ^2/NDF :6.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1286.826+/-275.865 χ^2/NDF : 34.0/22

- 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: 1156.590+/-0.278 χ^2/NDF : 484401.0/11

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

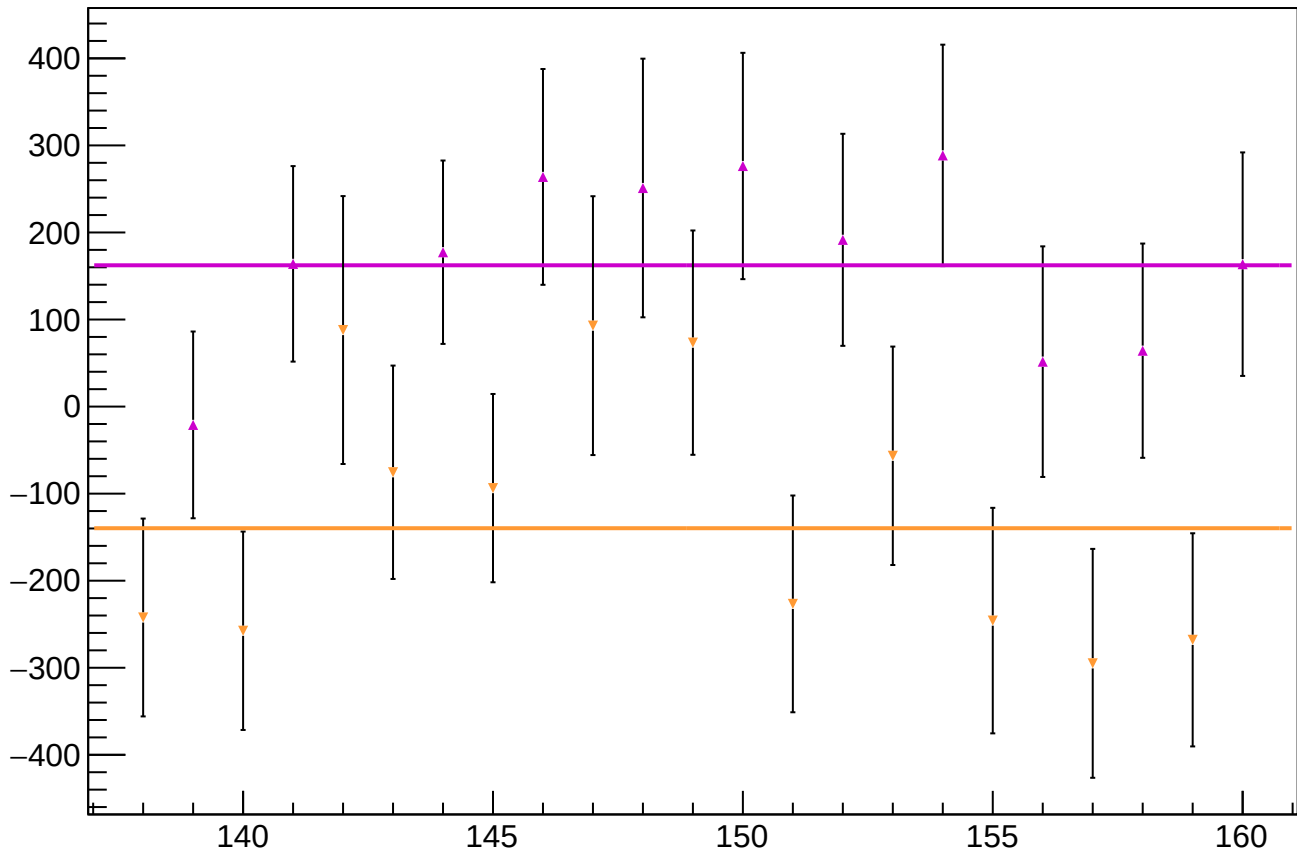
Left In: 1151.953+/-0.274 χ^2/NDF : 364567.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1154.243+/-0.195 χ^2/NDF : 849109.6/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -139.713+/-36.119 χ^2/NDF :13.8/11

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

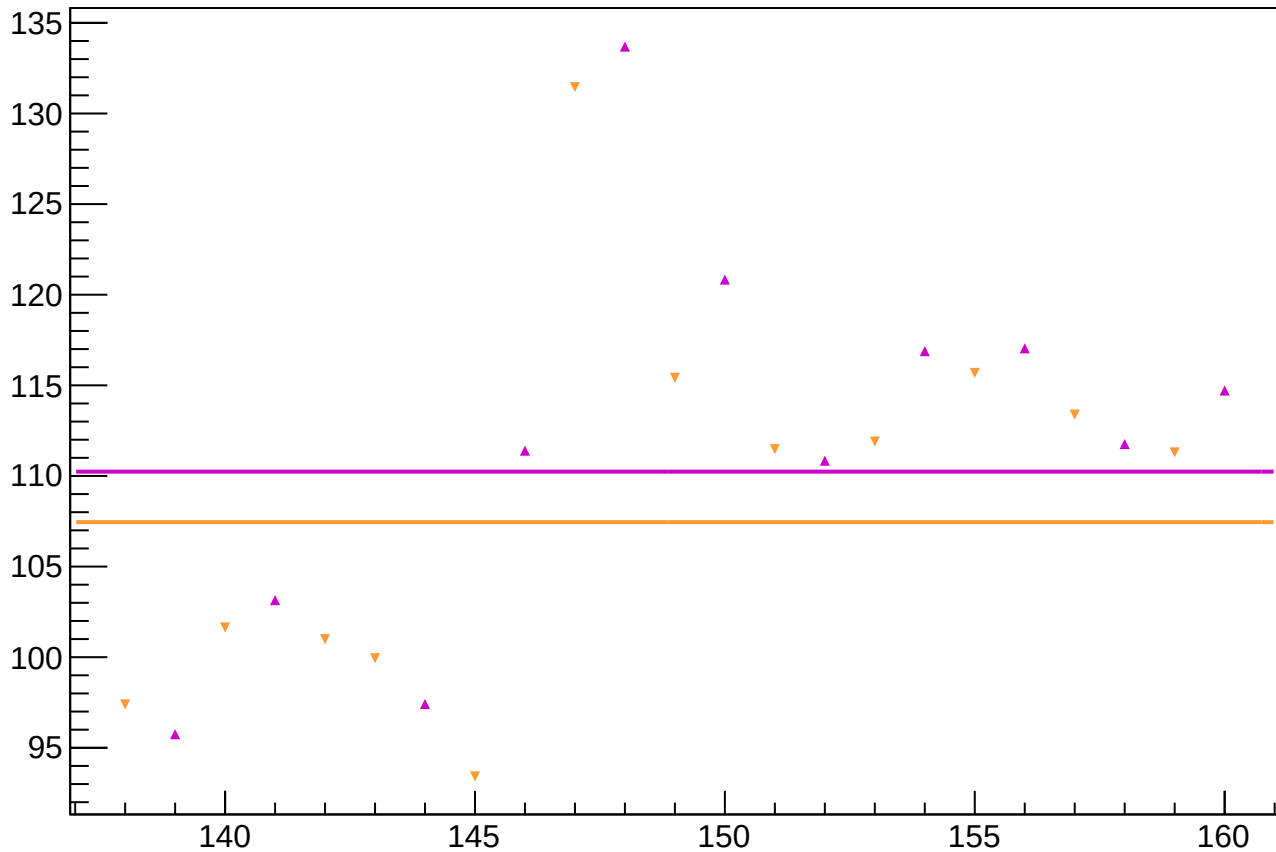
Left In: 162.298+/-36.786 χ^2/NDF :7.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.528+/-25.773 χ^2/NDF : 55.2/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 107.452+/-0.026 χ^2/NDF :144050.0/11

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

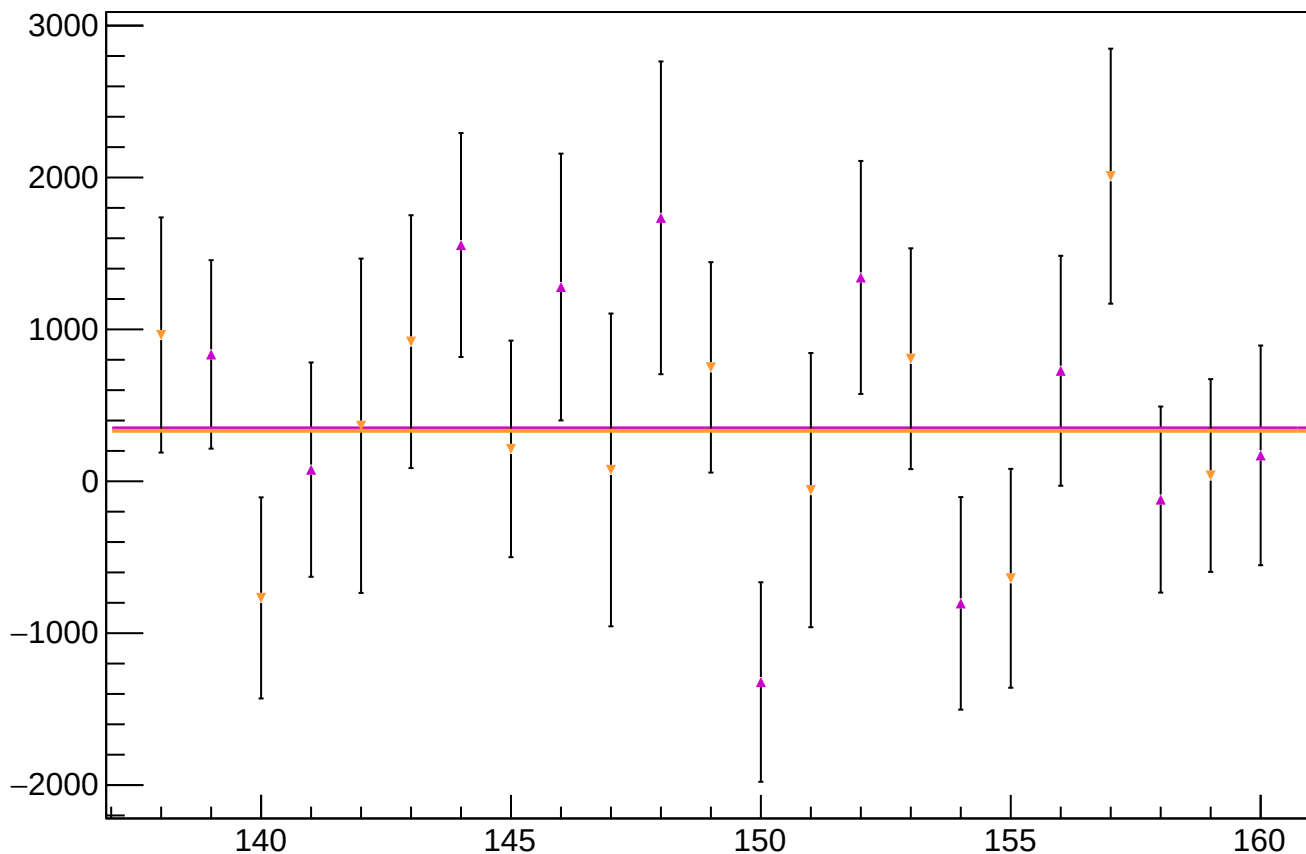
Left In: 110.239+/-0.026 χ^2/NDF :150952.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.820+/-0.018 χ^2/NDF : 300847.1/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_mean vs Slug



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

Left Out: 332.749 $\pm$ 222.705 χ^2/NDF : 11.0/11

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

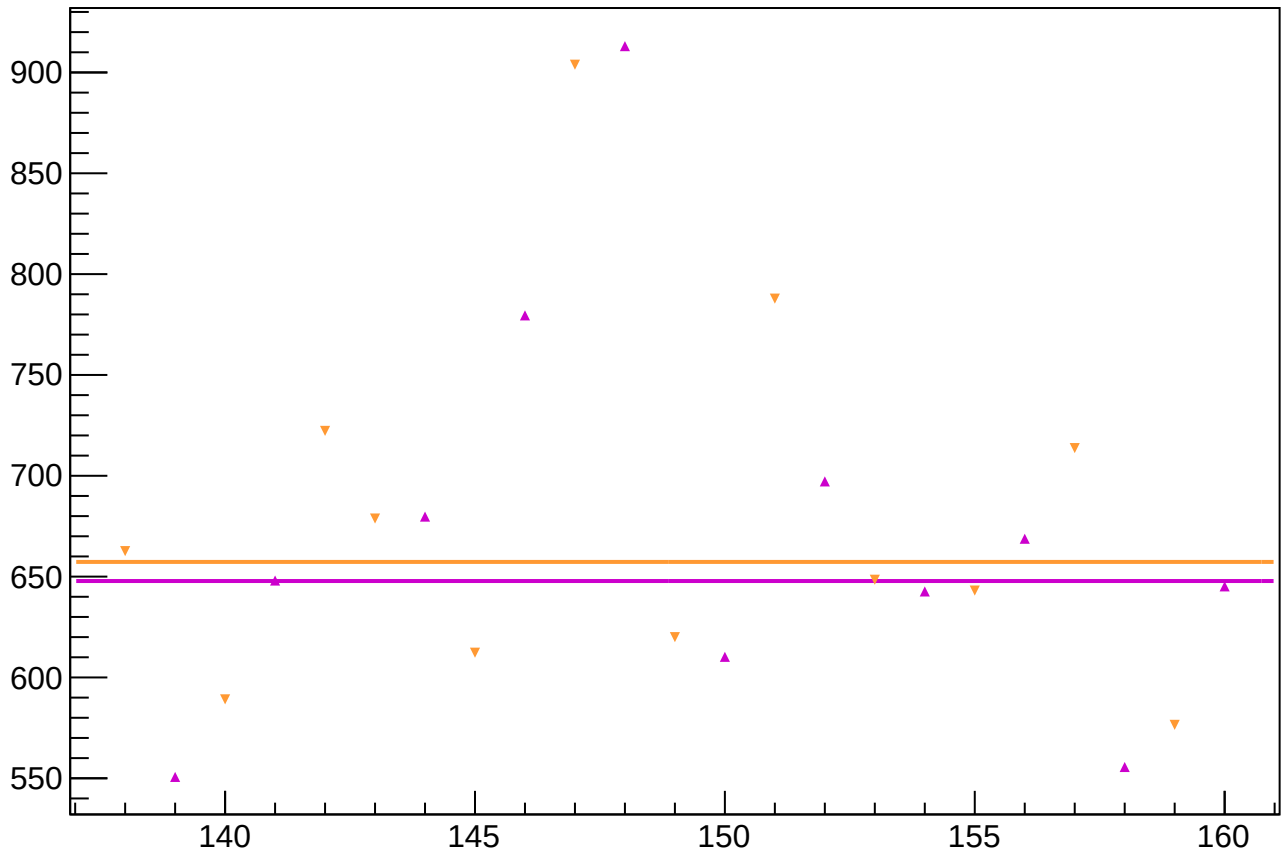
Left In: 347.965 $\pm$ 217.857 χ^2/NDF : 18.1/10

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

All: 340.524 $\pm$ 155.734 χ^2/NDF : 29.1/22

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

asym_sam_15_dd_correction_rms vs Slug



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

Left Out: 657.288+/-0.157 χ^2/NDF : 242417.2/11

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

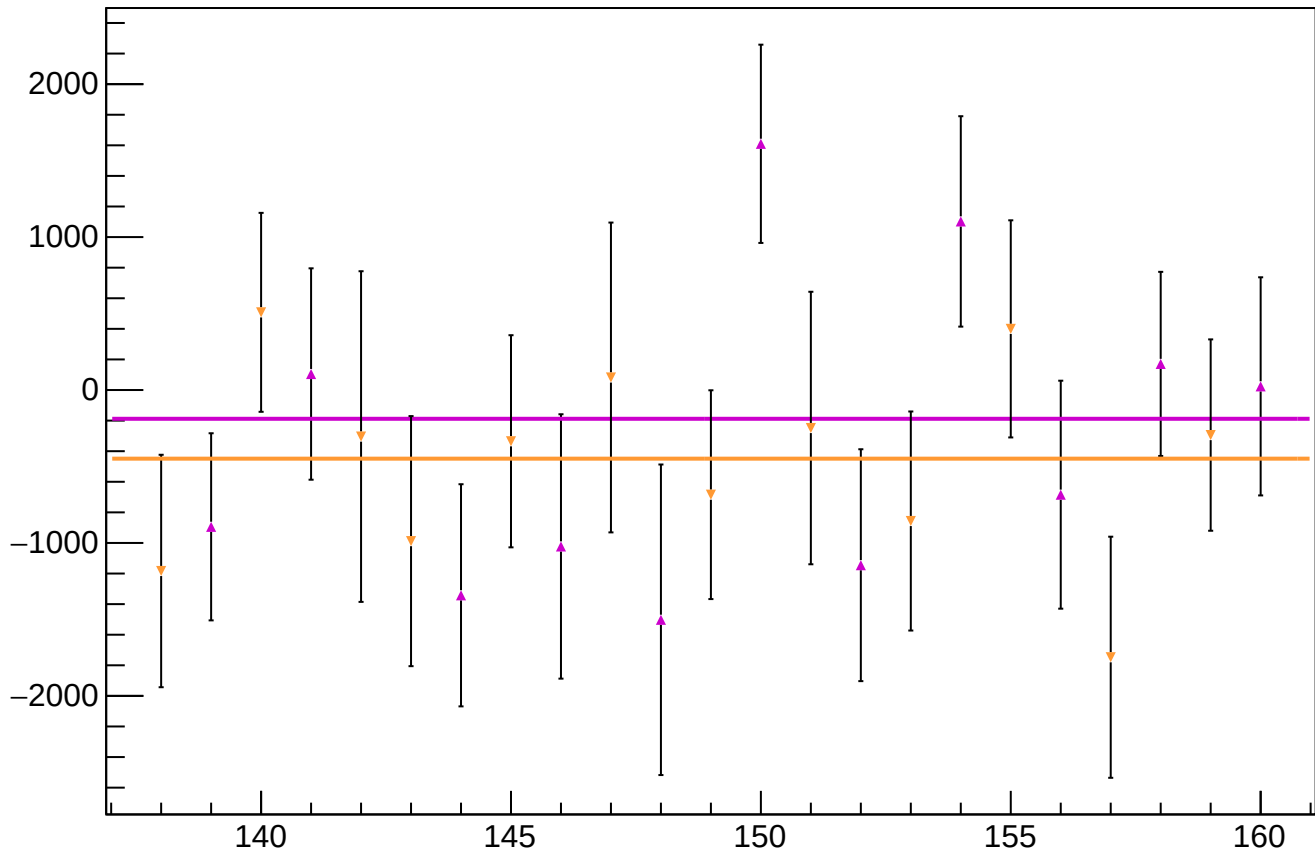
Left In: 647.813+/-0.154 χ^2/NDF : 292368.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.447+/-0.110 χ^2/NDF : 536636.0/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -448.802 $\pm$ 218.194 χ^2 /NDF:8.5/11

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

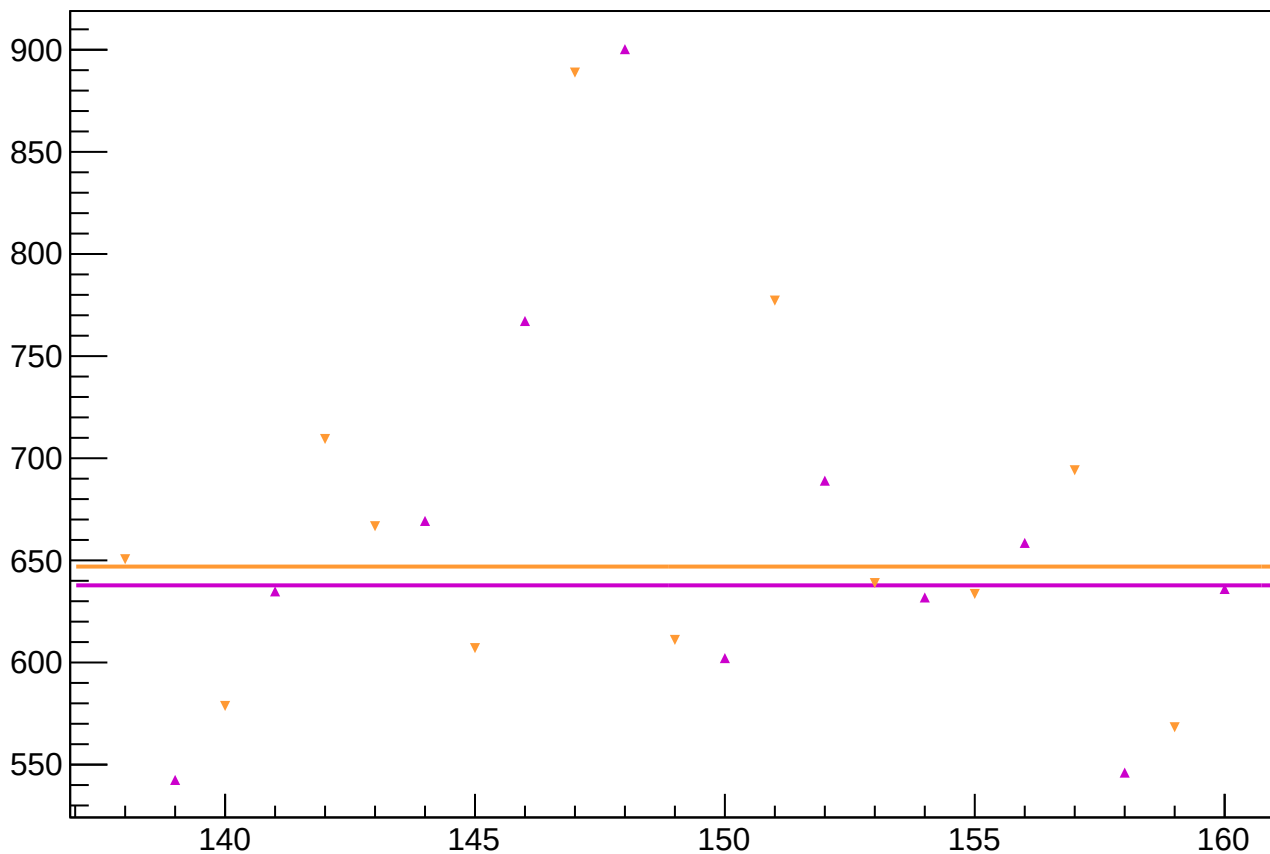
Left In: -188.109 $\pm$ 214.527 χ^2 /NDF:20.3/10

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

All: -316.247 $\pm$ 152.973 χ^2 /NDF: 29.6/22

- sign 0.000 $\pm$ 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: 646.967+/-0.154 χ^2/NDF :238567.2/11

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

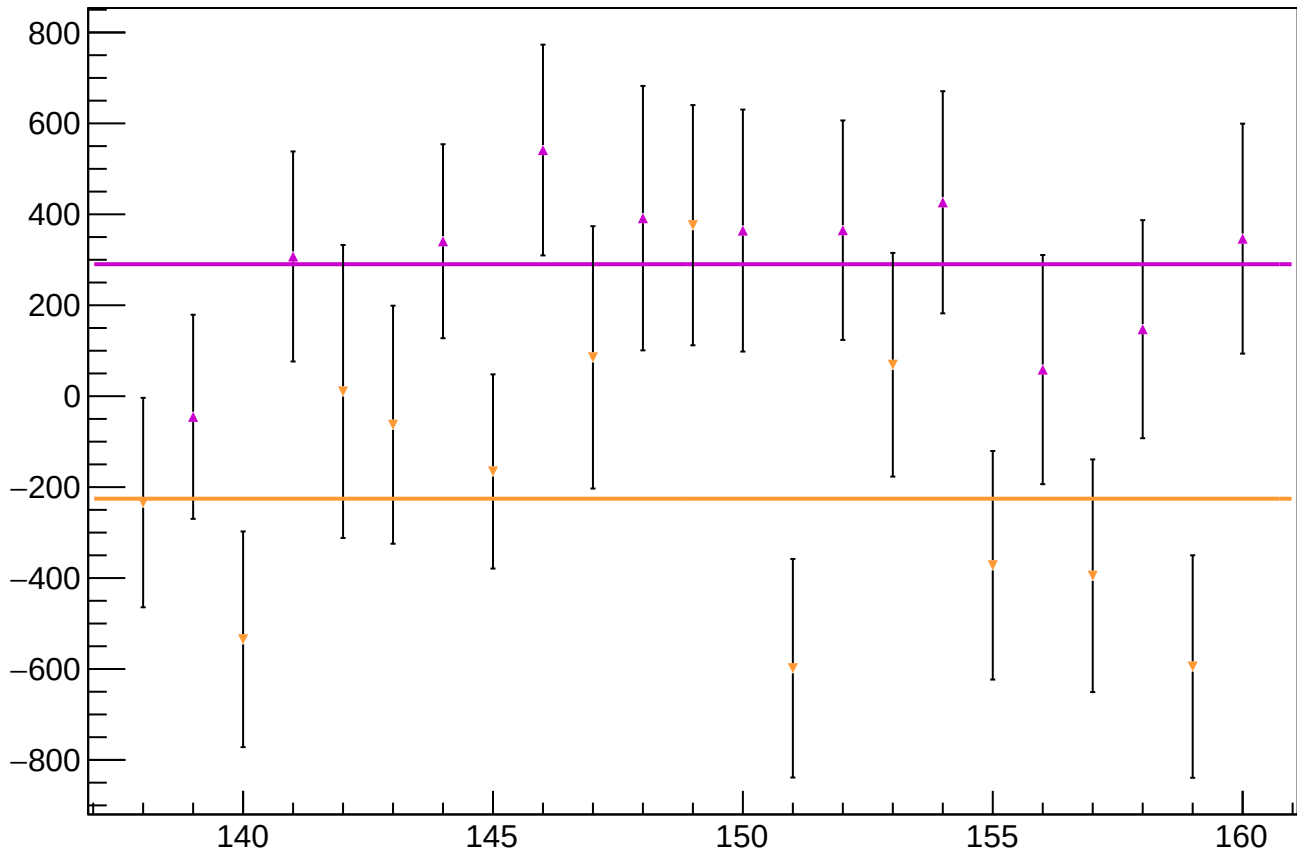
Left In: 637.769+/-0.152 χ^2/NDF :294143.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 642.290+/-0.108 χ^2/NDF : 534517.9/22

- 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: -225.465+/-72.402 χ^2/NDF : 15.9/11

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

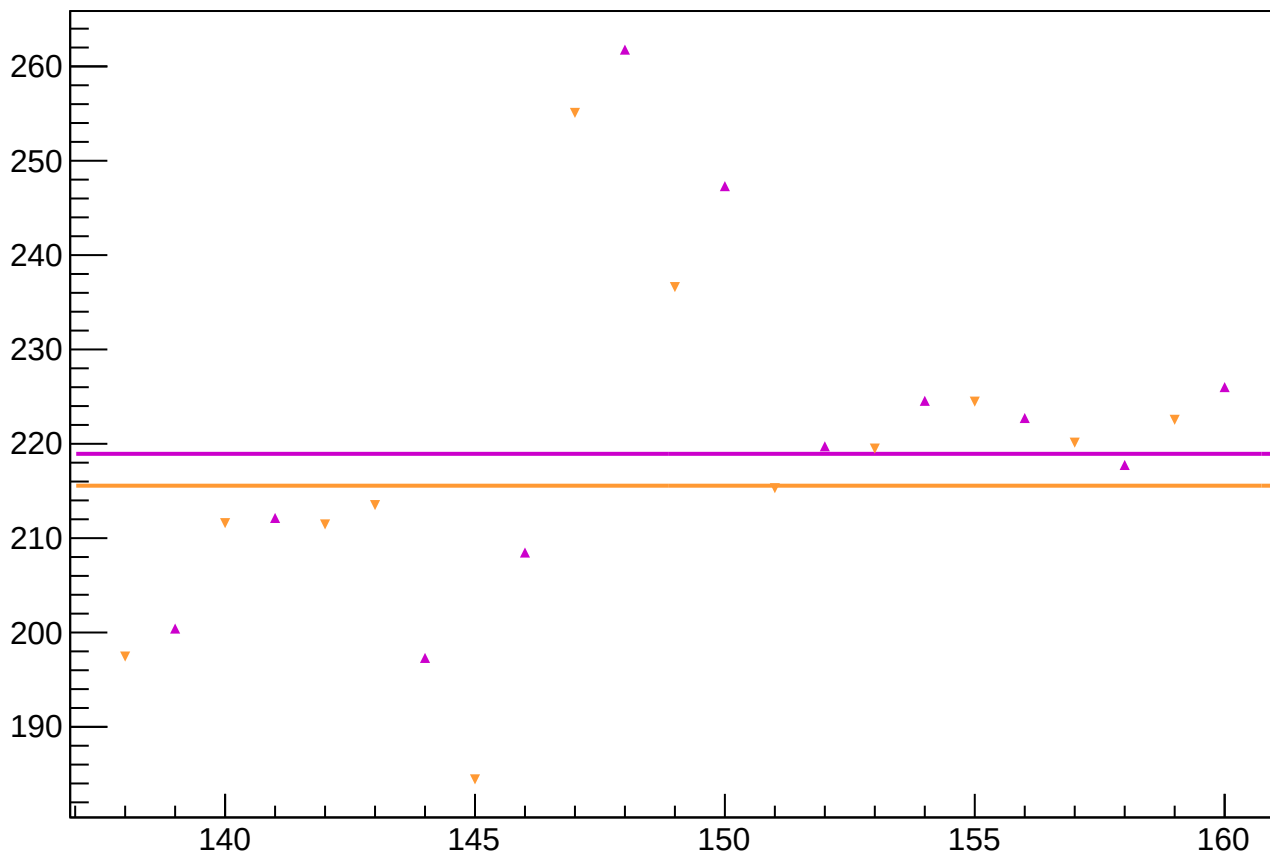
Left In: 290.265+/-72.968 χ^2/NDF : 5.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.391+/-51.395 χ^2/NDF : 46.4/22

- 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: 215.560+/-0.051 χ^2/NDF :111338.9/11

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

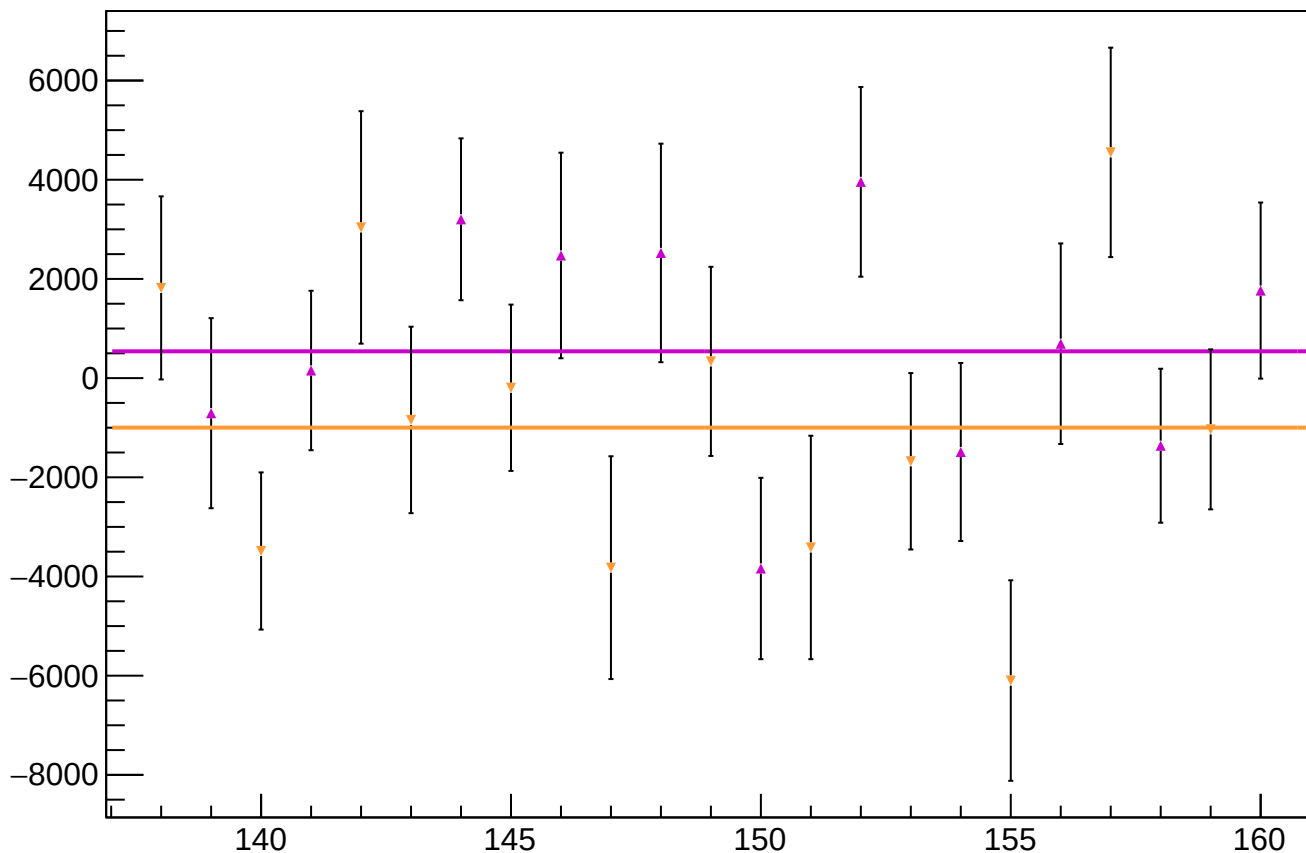
Left In: 218.938+/-0.052 χ^2/NDF :109266.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.236+/-0.036 χ^2/NDF : 222764.5/22

- 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: -997.839+/-546.164 χ^2/NDF : 24.6/11

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

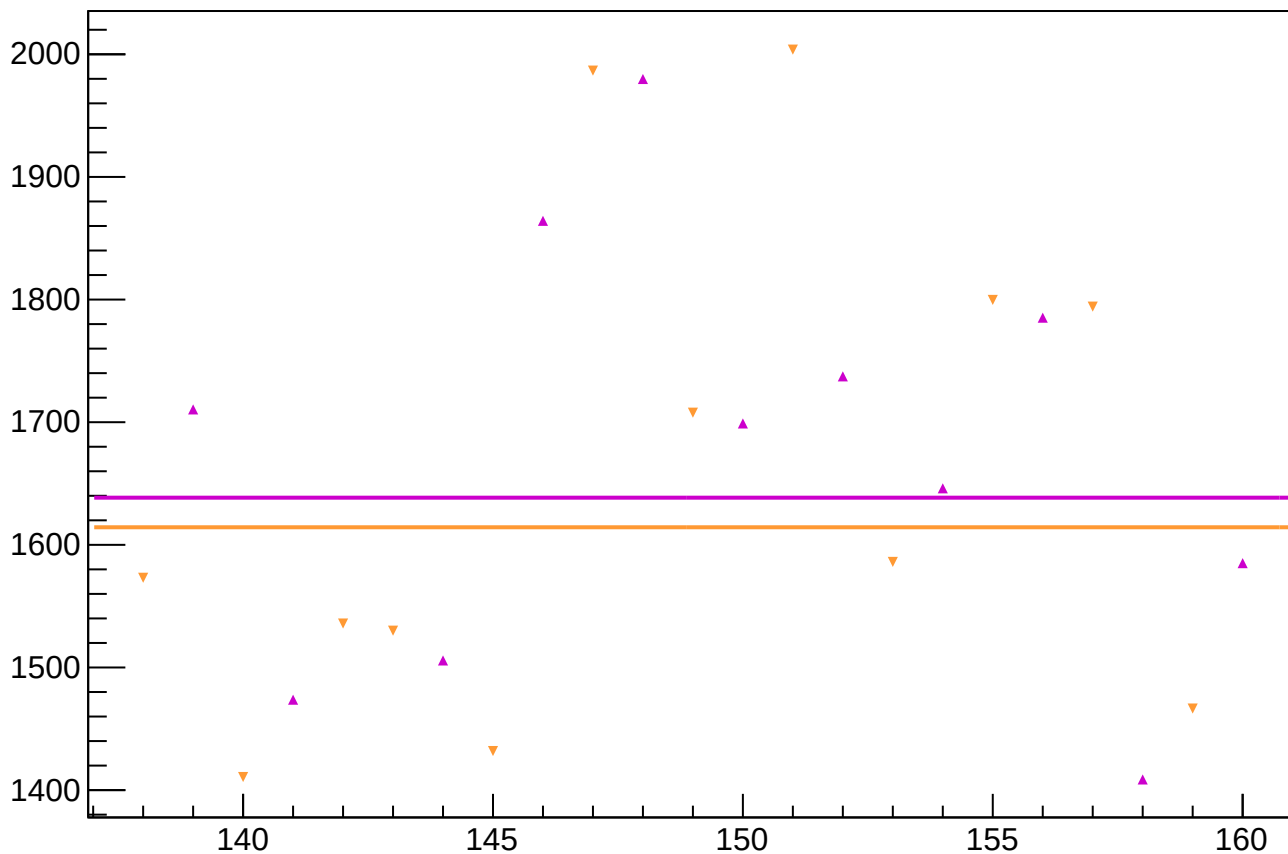
Left In: 540.068+/-547.687 χ^2/NDF : 17.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -231.026+/-386.734 χ^2/NDF : 45.6/22

- 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: 1614.327+/-0.386 χ^2/NDF :232155.8/11

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

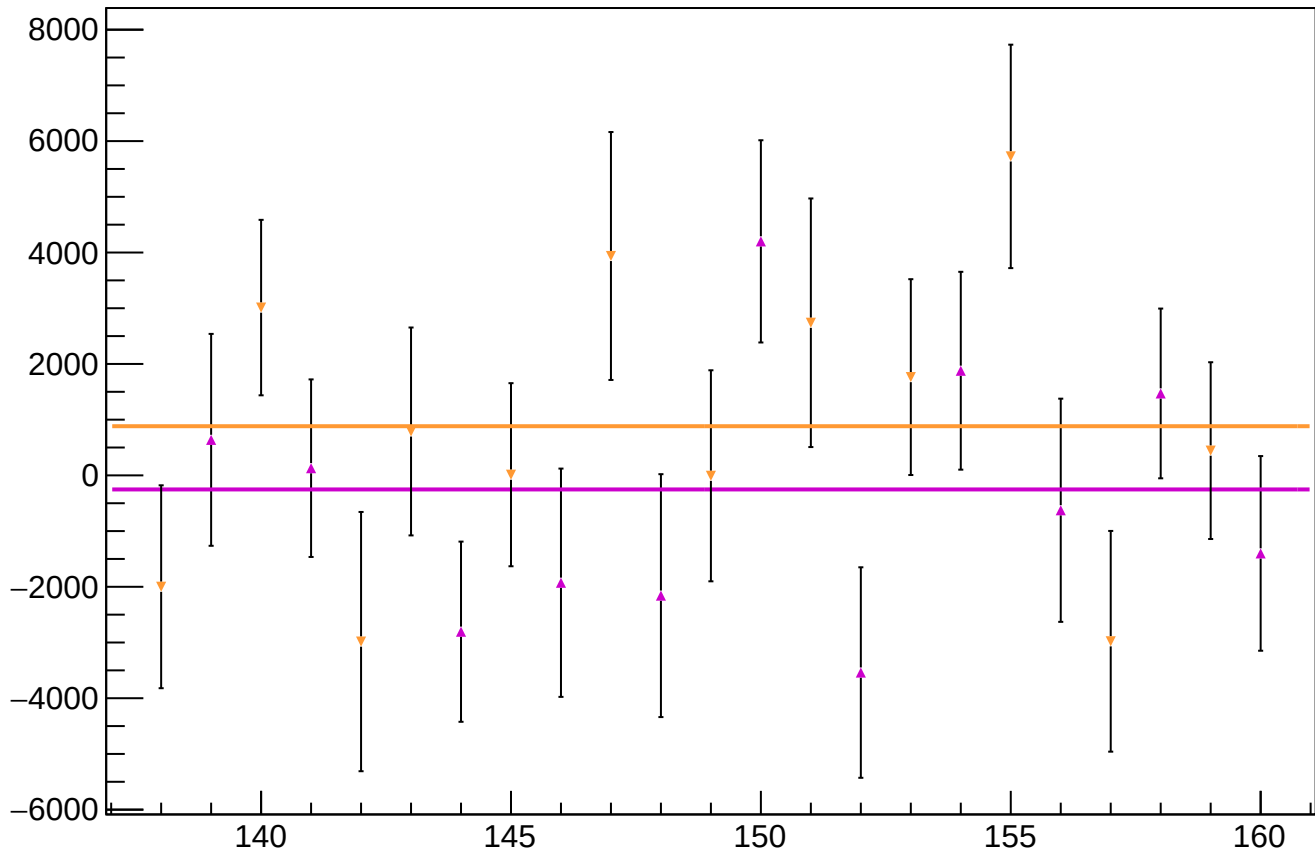
Left In: 1638.462+/-0.387 χ^2/NDF :172564.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.361+/-0.273 χ^2/NDF : 406667.4/22

- 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: 882.380+/-538.121 χ^2/NDF : 20.1/11

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

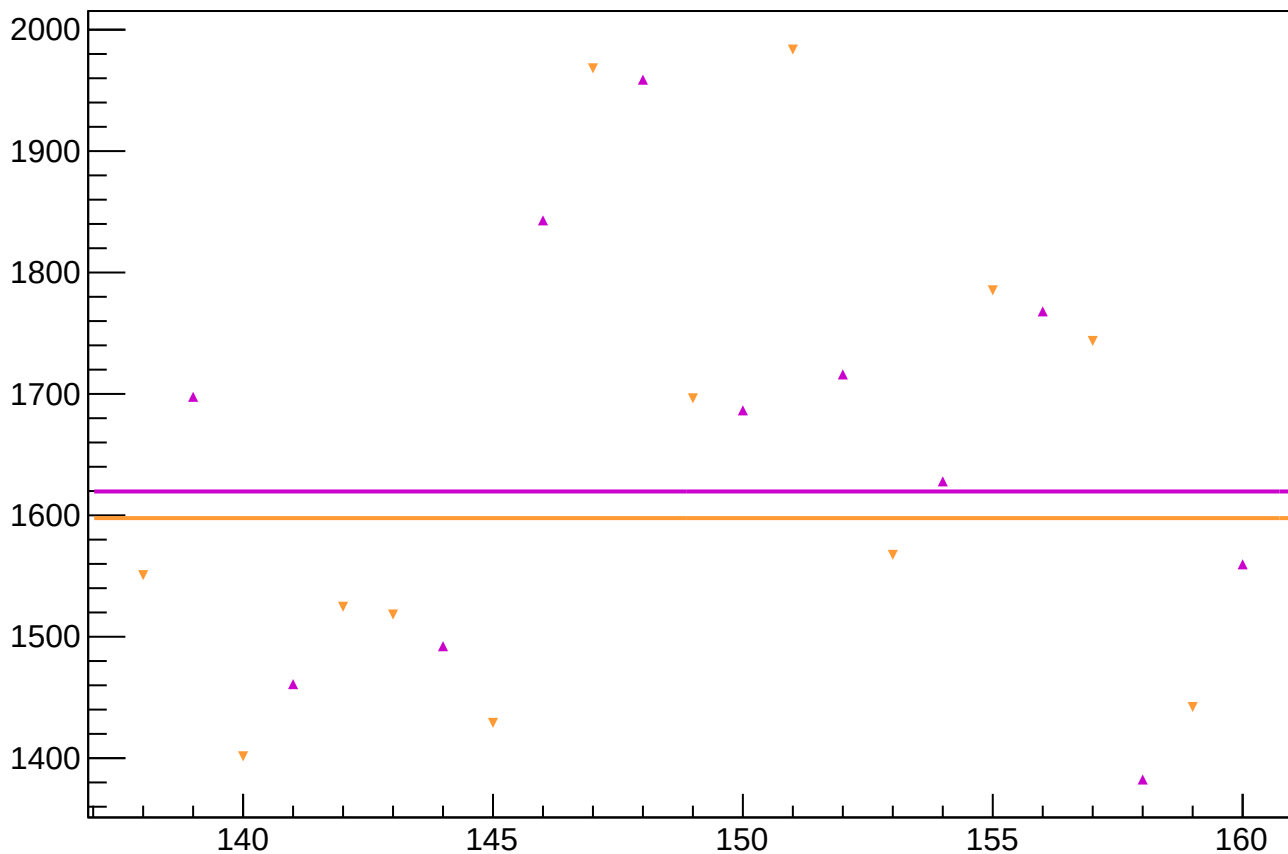
Left In: -252.523+/-541.530 χ^2/NDF : 16.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.513+/-381.709 χ^2/NDF : 38.8/22

- 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: 1597.718+/-0.381 χ^2/NDF :227924.8/11

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

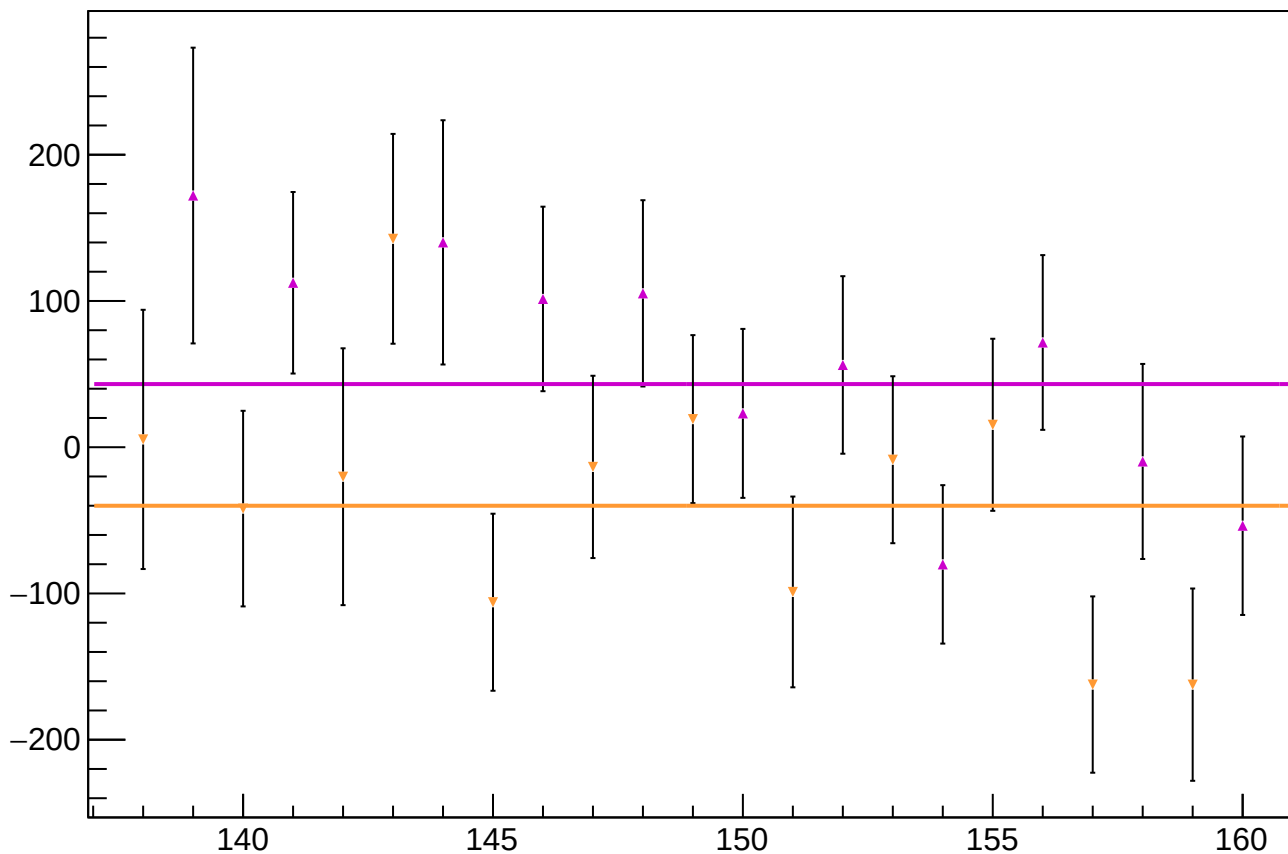
Left In: 1619.655+/-0.383 χ^2/NDF :177583.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.617+/-0.270 χ^2/NDF : 407159.8/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -40.019+/-18.745 χ^2/NDF : 18.8/11

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

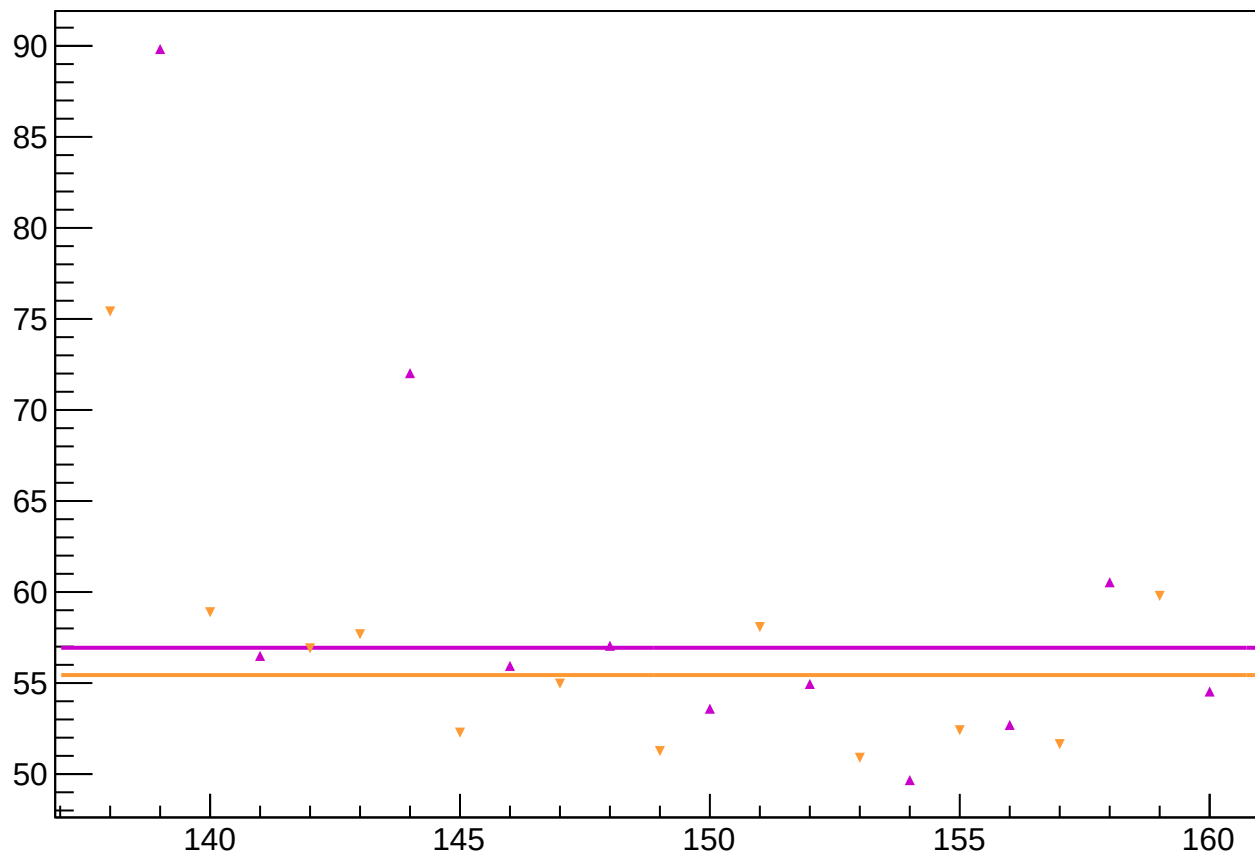
Left In: 43.174+/-19.301 χ^2/NDF : 14.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.361+/-13.447 χ^2/NDF : 43.1/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 55.439+/-0.013 χ^2/NDF :163475.3/11

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

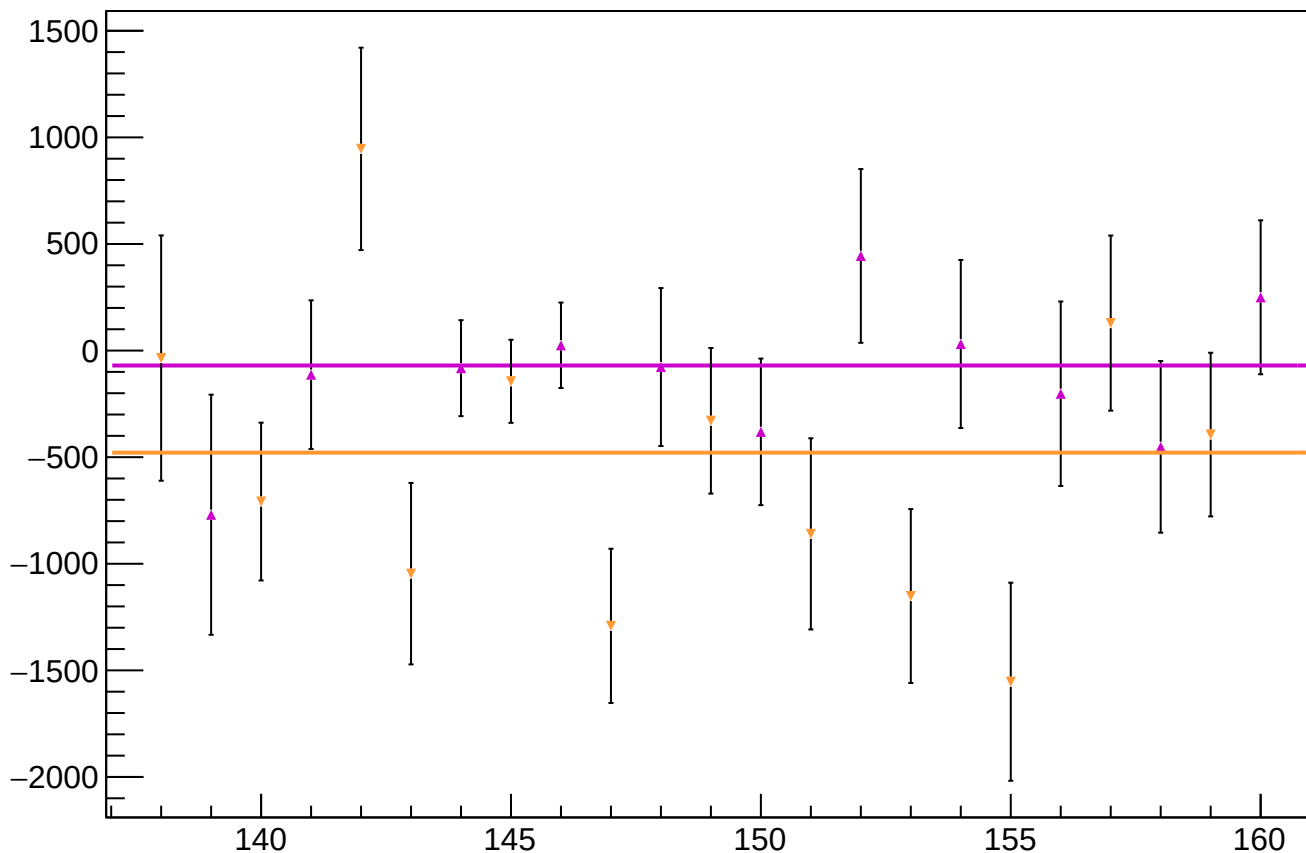
Left In: 56.938+/-0.014 χ^2/NDF :341344.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.167+/-0.010 χ^2/NDF : 511023.4/22

- 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: -478.723+/-104.736 χ^2/NDF : 31.0/11

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

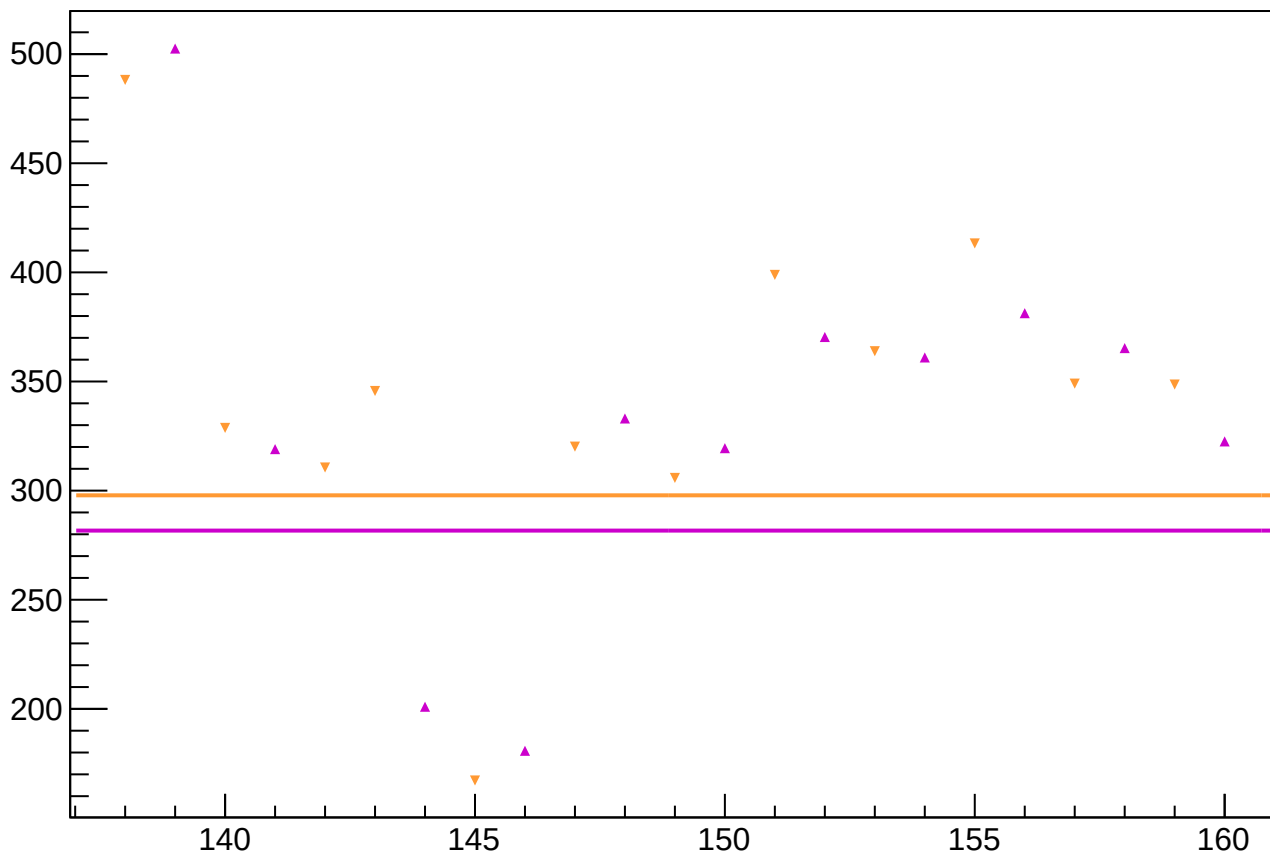
Left In: -69.966+/-98.351 χ^2/NDF : 6.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -261.506+/-71.696 χ^2/NDF : 45.1/22

- 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: 297.849+/-0.074 χ^2/NDF :1510753.8/11

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

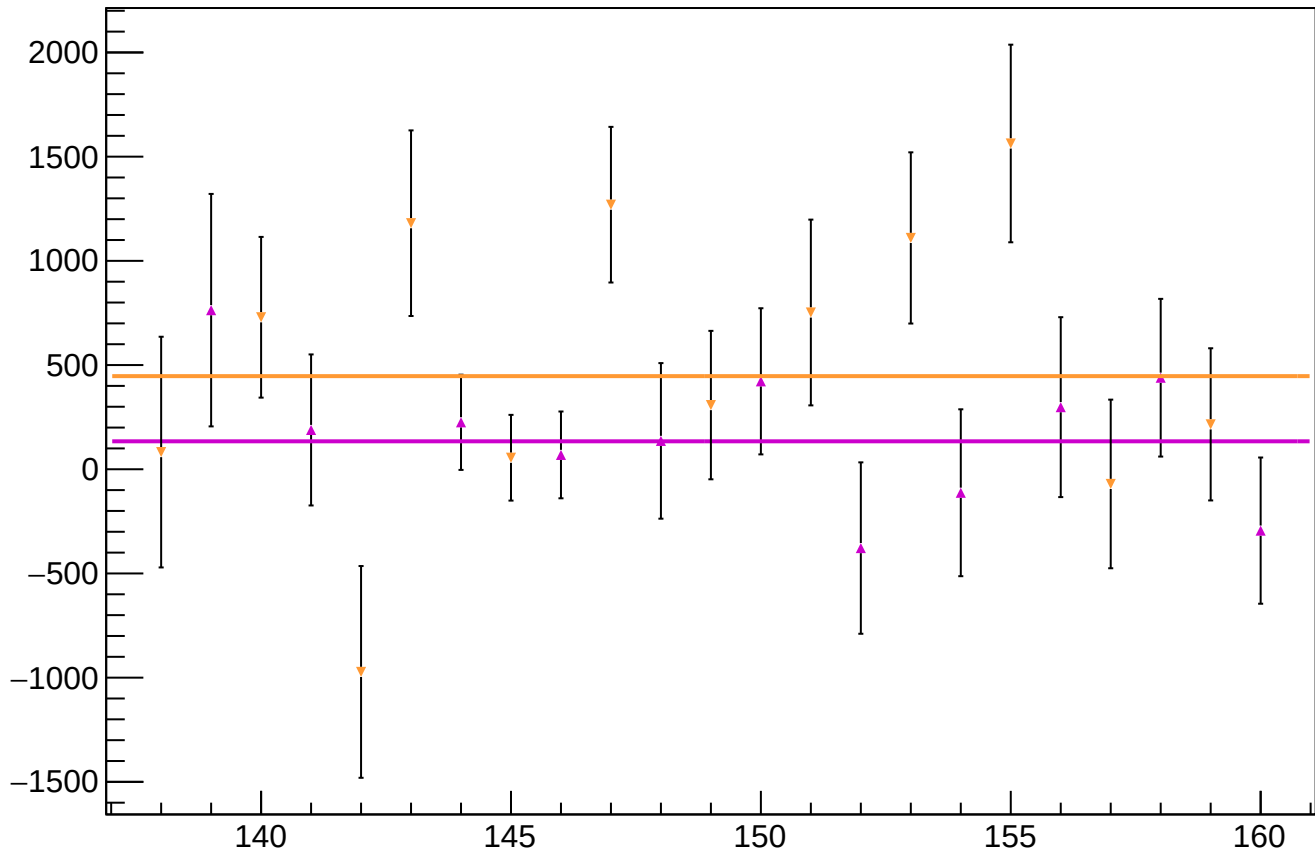
Left In: 281.689+/-0.070 χ^2/NDF :1550258.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.261+/-0.051 χ^2/NDF : 3086310.8/22

- 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: 446.818+/-107.445 χ^2/NDF : 30.8/11

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

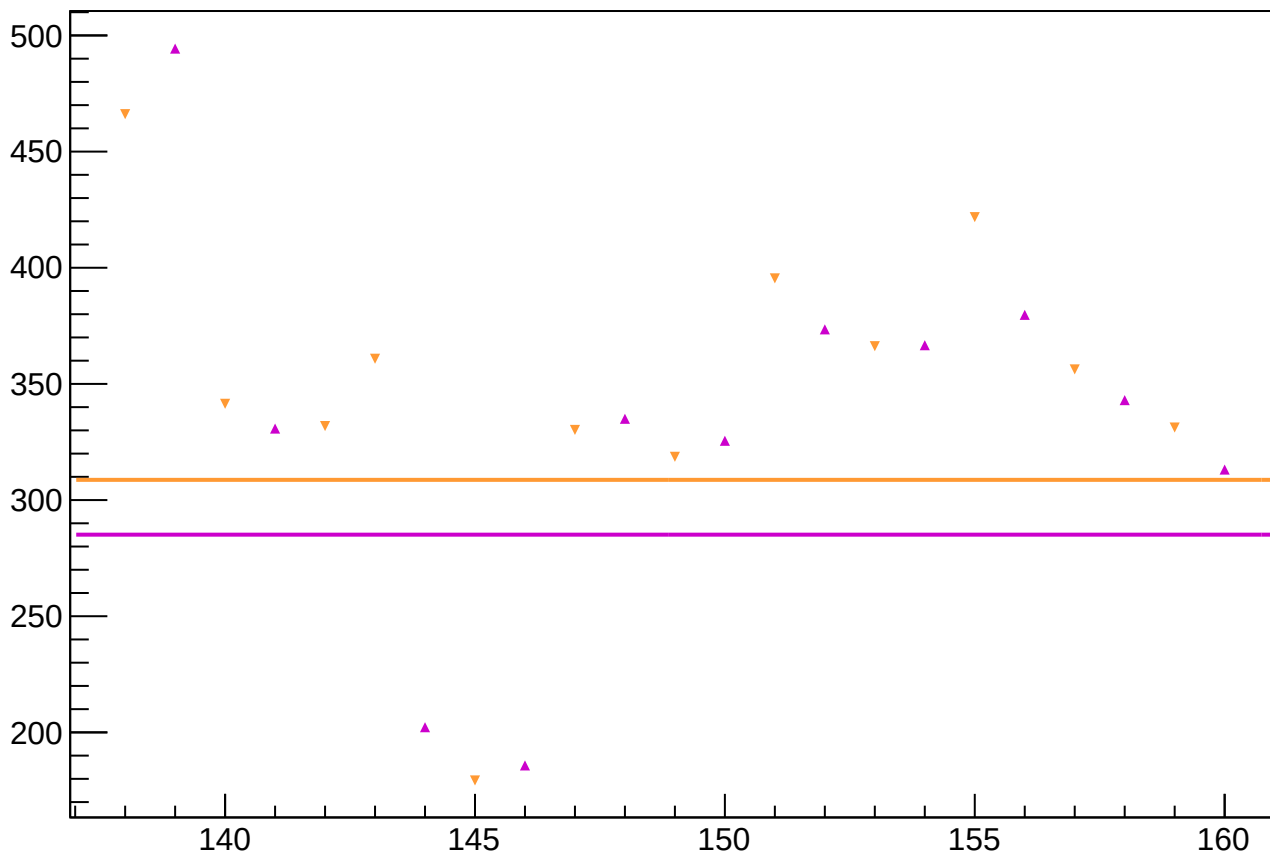
Left In: 134.079+/-99.511 χ^2/NDF : 6.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.477+/-73.009 χ^2/NDF : 41.8/22

- 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: 308.703+/-0.076 χ^2/NDF :1271450.2/11

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

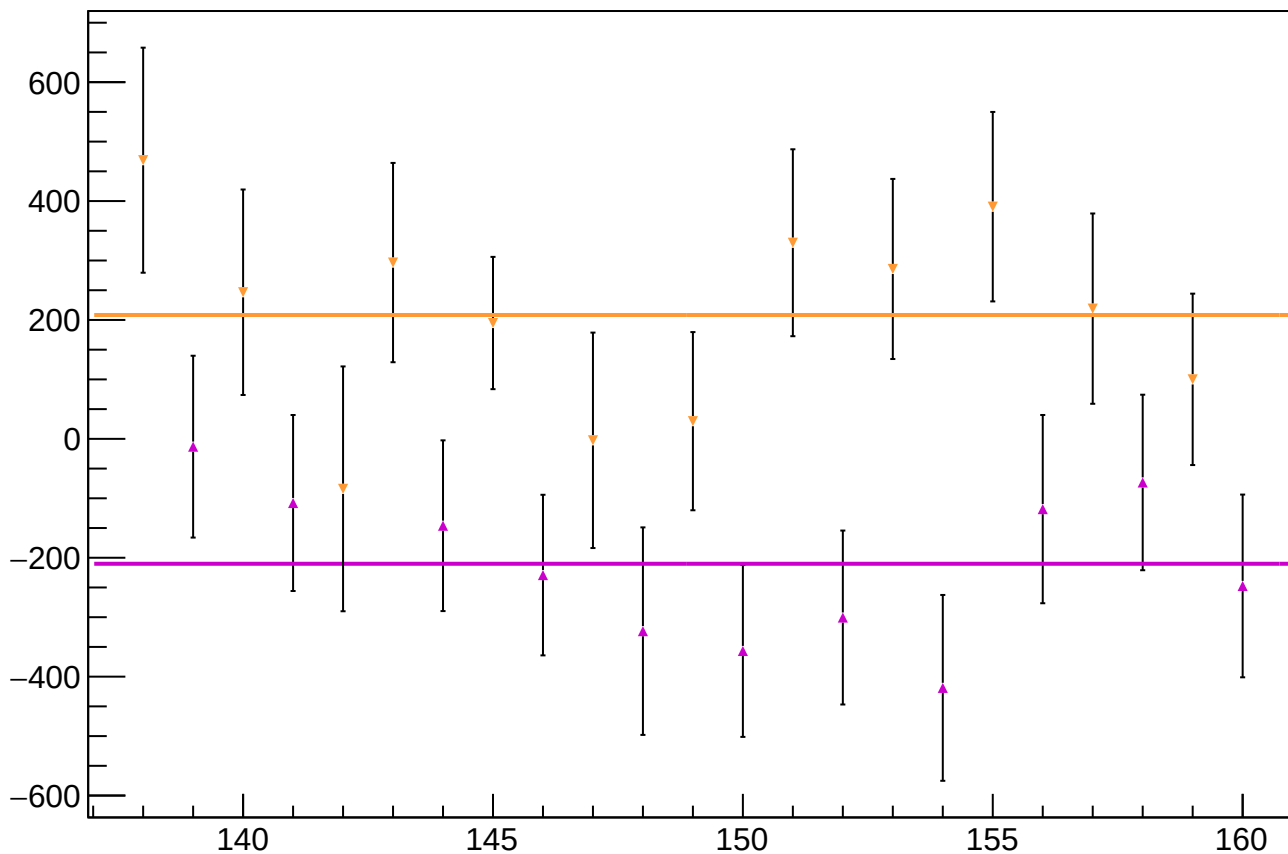
Left In: 285.110+/-0.070 χ^2/NDF :1424801.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.003+/-0.052 χ^2/NDF : 2748158.1/22

- 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: 208.345+/-45.318 χ^2/NDF : 9.8/11

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

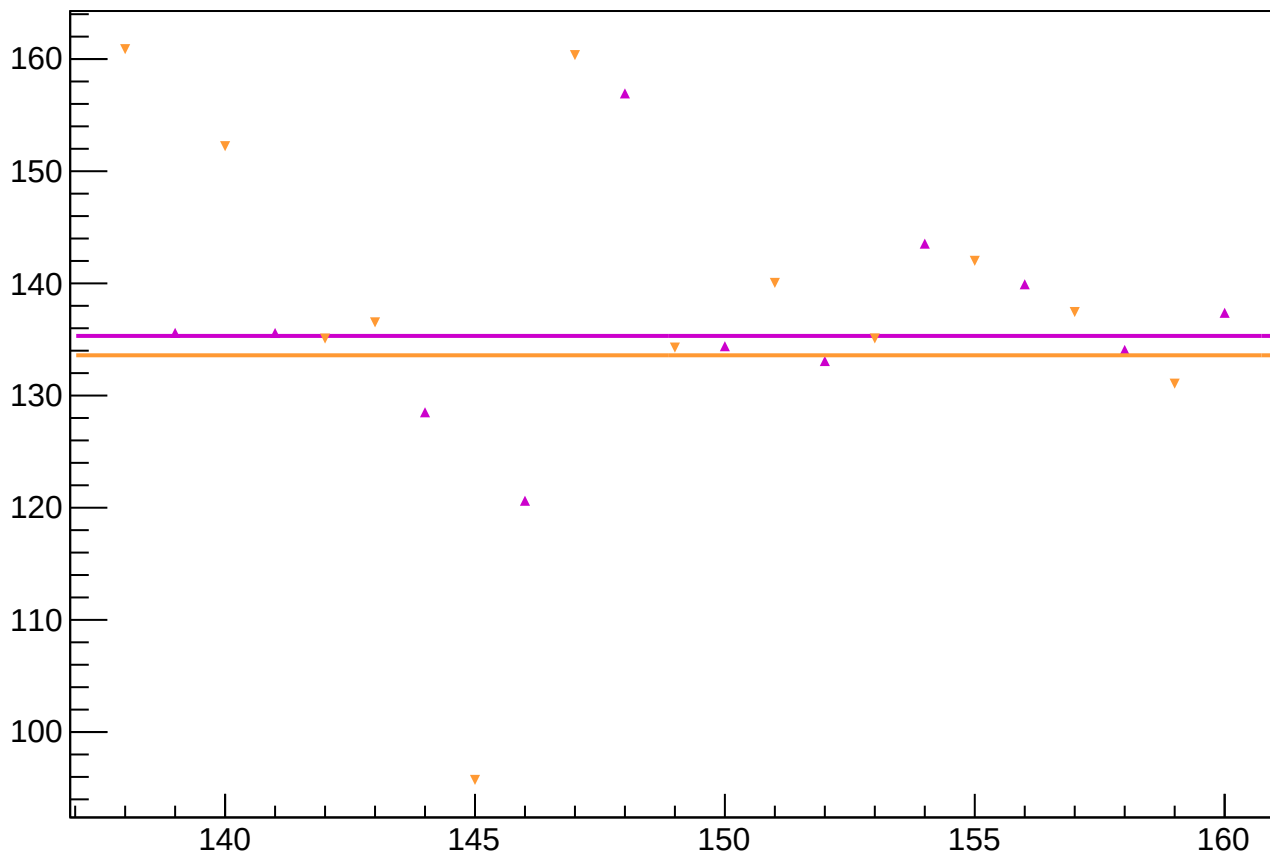
Left In: -210.128+/-45.262 χ^2/NDF : 7.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.154+/-32.025 χ^2/NDF : 59.7/22

- 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: 133.589+/-0.032 χ^2/NDF : 351717.6/11

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

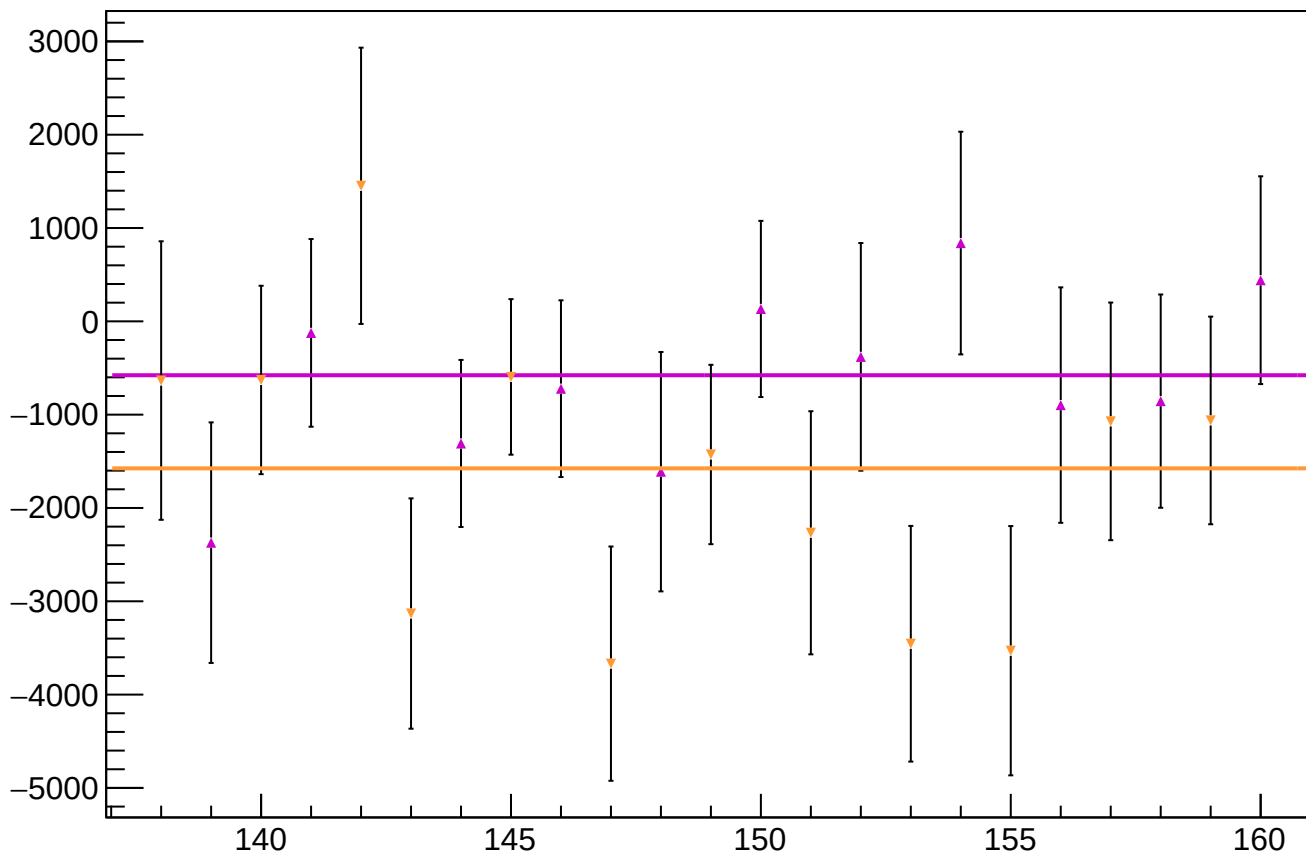
Left In: 135.317+/-0.032 χ^2/NDF : 67152.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.454+/-0.023 χ^2/NDF : 420325.9/22

- 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: -1575.501+/-335.161 χ^2/NDF : 16.2/11

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

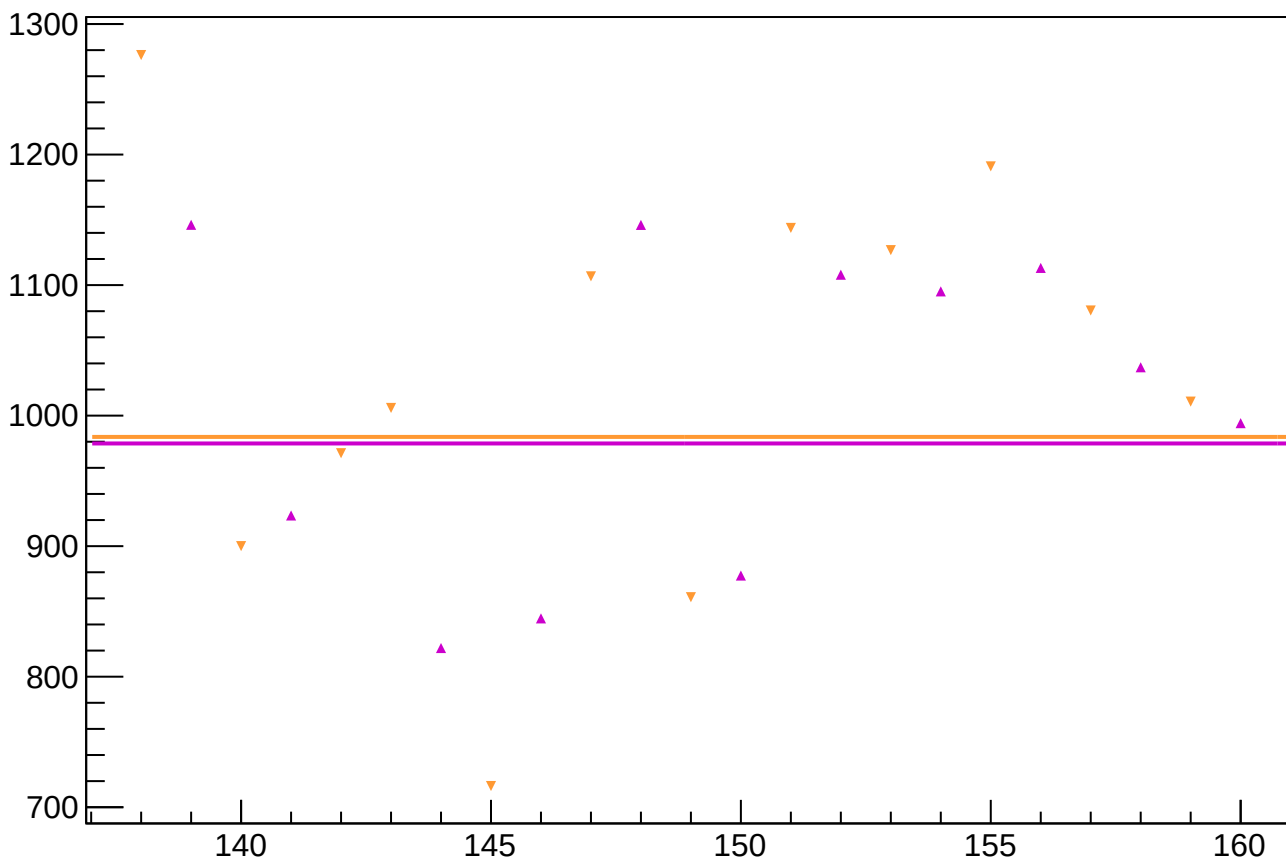
Left In: -577.636+/-328.620 χ^2/NDF : 6.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1066.738+/-234.648 χ^2/NDF : 27.2/22

- 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: 983.689+/-0.237 χ^2/NDF : 466016.5/11

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

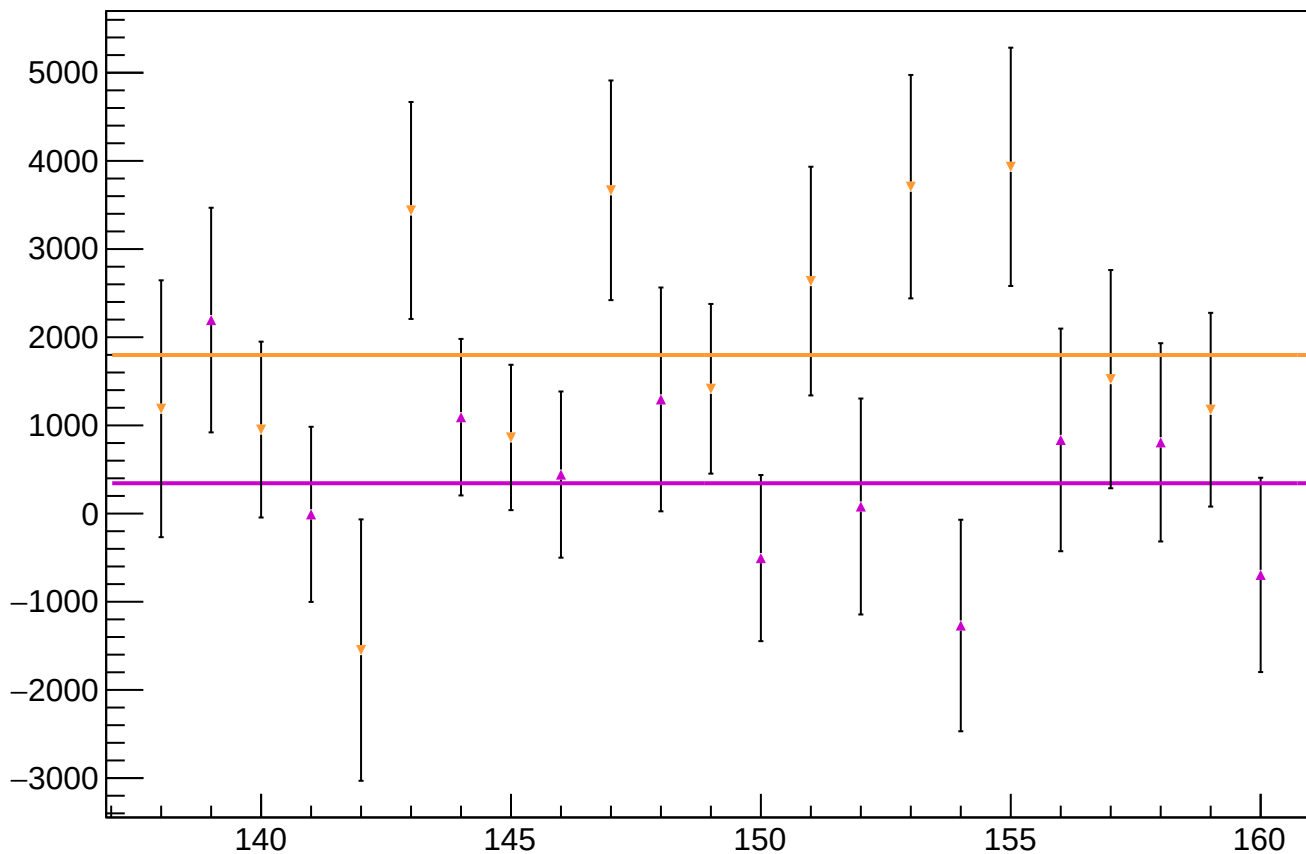
Left In: 978.671+/-0.232 χ^2/NDF : 268112.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.131+/-0.166 χ^2/NDF : 734357.1/22

- 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: 1798.355+/-332.684 χ^2/NDF : 17.0/11

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

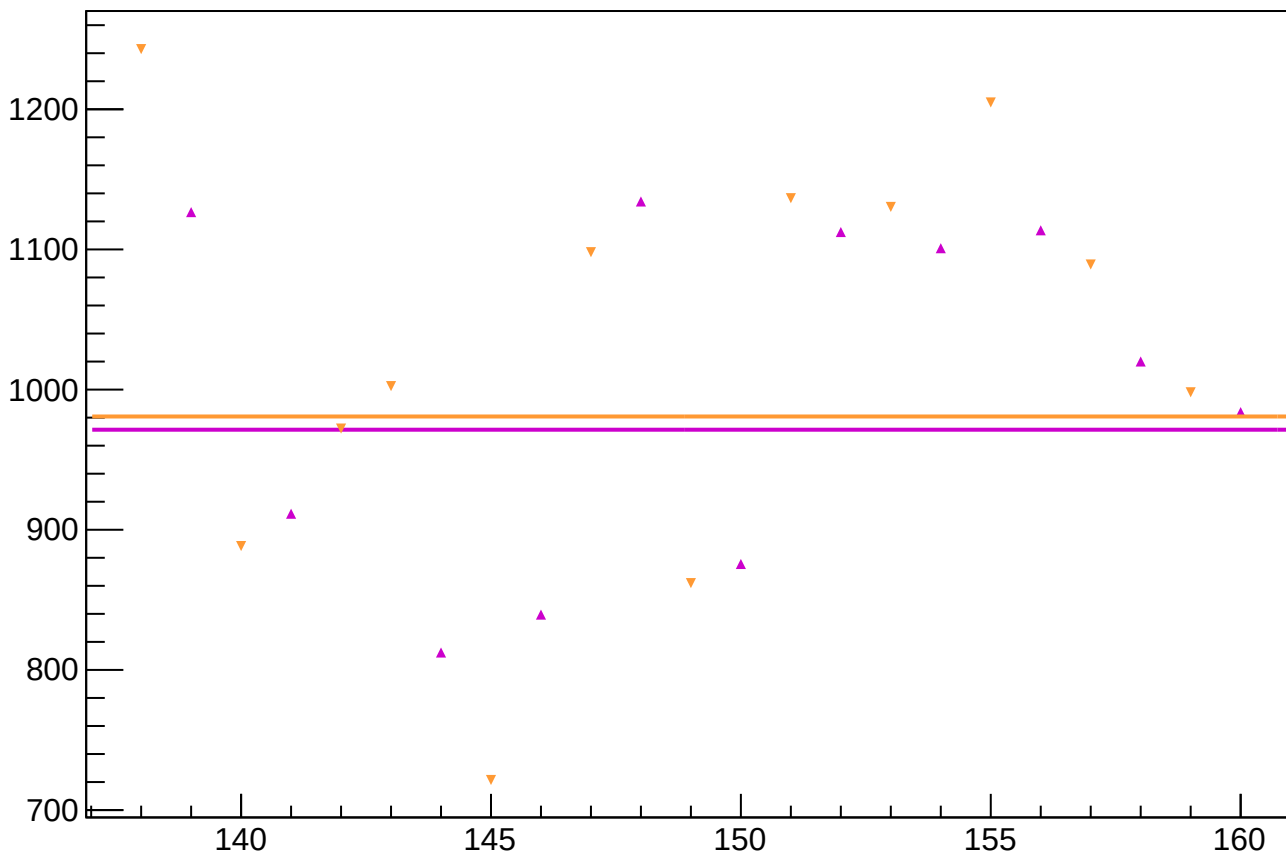
Left In: 344.005+/-326.575 χ^2/NDF : 7.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1057.704+/-233.053 χ^2/NDF : 34.1/22

- 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: 980.814+/-0.235 χ^2/NDF : 456360.5/11

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

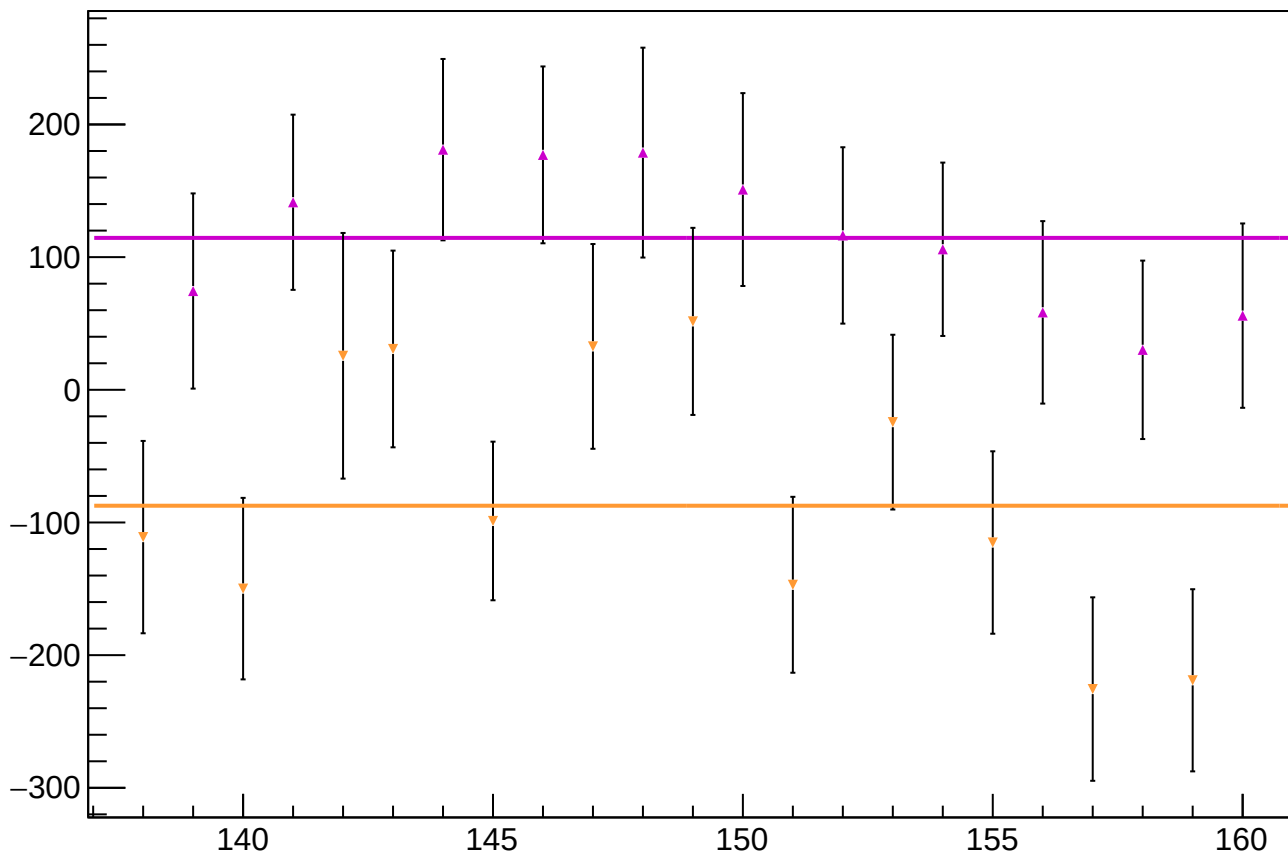
Left In: 971.379+/-0.231 χ^2/NDF : 273153.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 976.009+/-0.165 χ^2/NDF : 730333.4/22

- 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: -87.375 $\pm$ 20.234 χ^2 /NDF:20.9/11

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

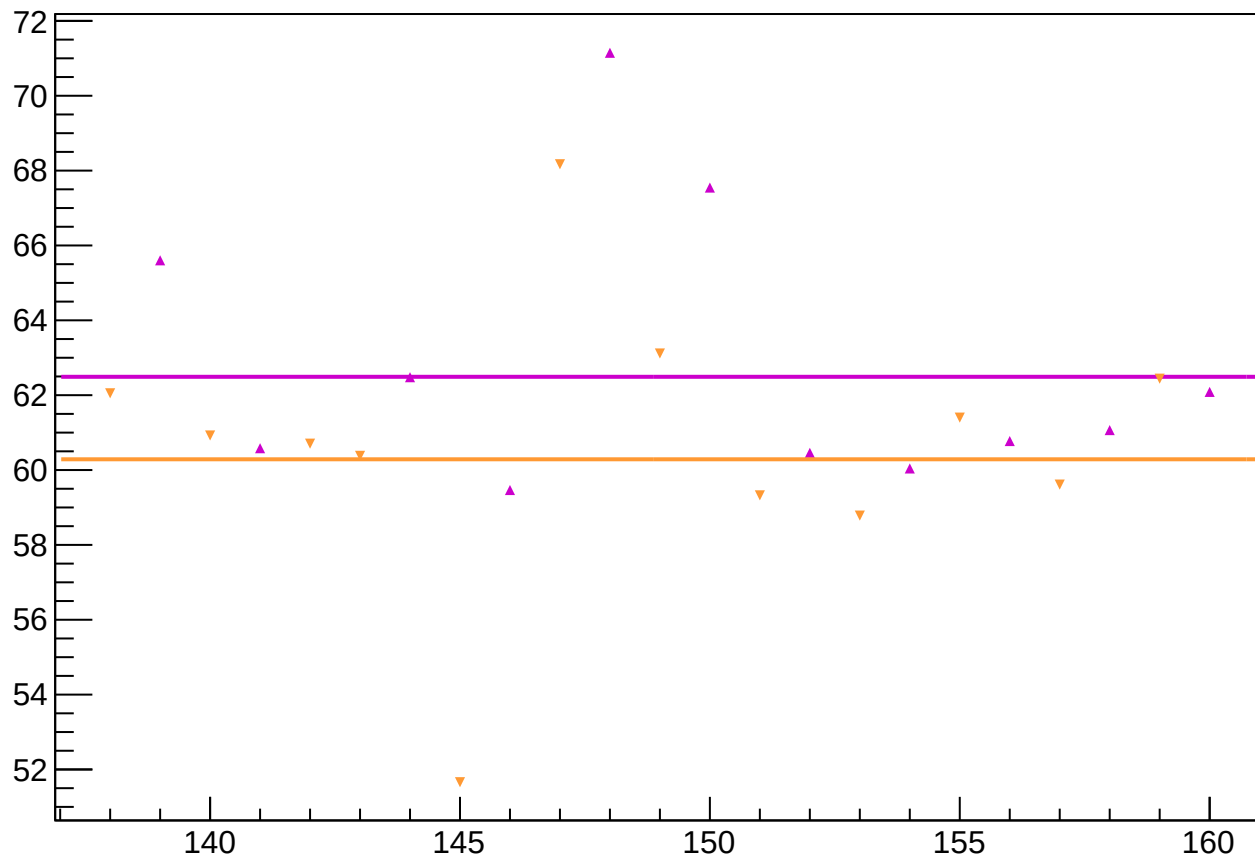
Left In: 114.502 $\pm$ 20.839 χ^2 /NDF:6.2/10

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

All: 10.593 $\pm$ 14.517 χ^2 /NDF: 75.3/22

- 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: 60.287+/-0.014 χ^2/NDF : 71295.8/11

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

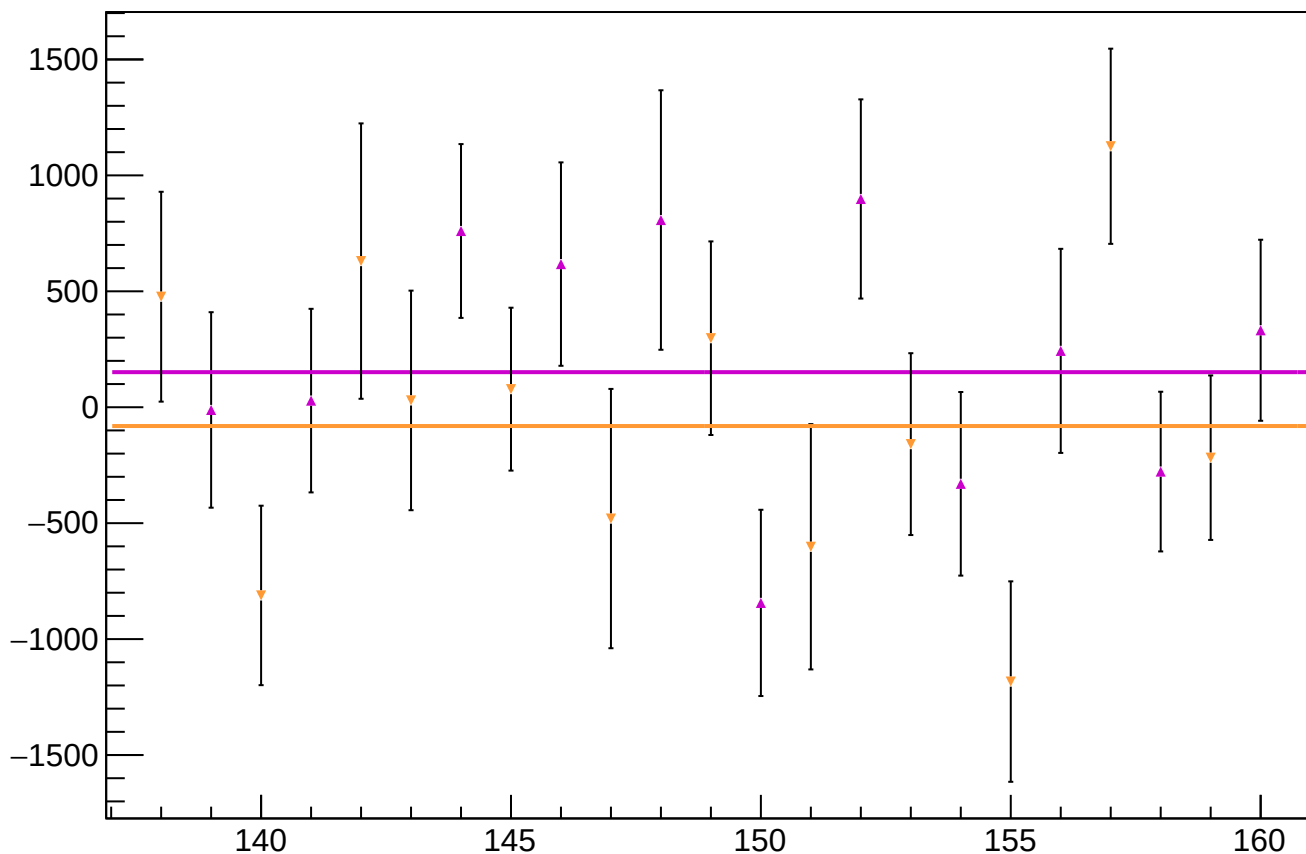
Left In: 62.491+/-0.015 χ^2/NDF : 49893.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.357+/-0.010 χ^2/NDF : 132706.9/22

- 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: -81.062+/-124.115 χ^2/NDF : 24.0/11

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

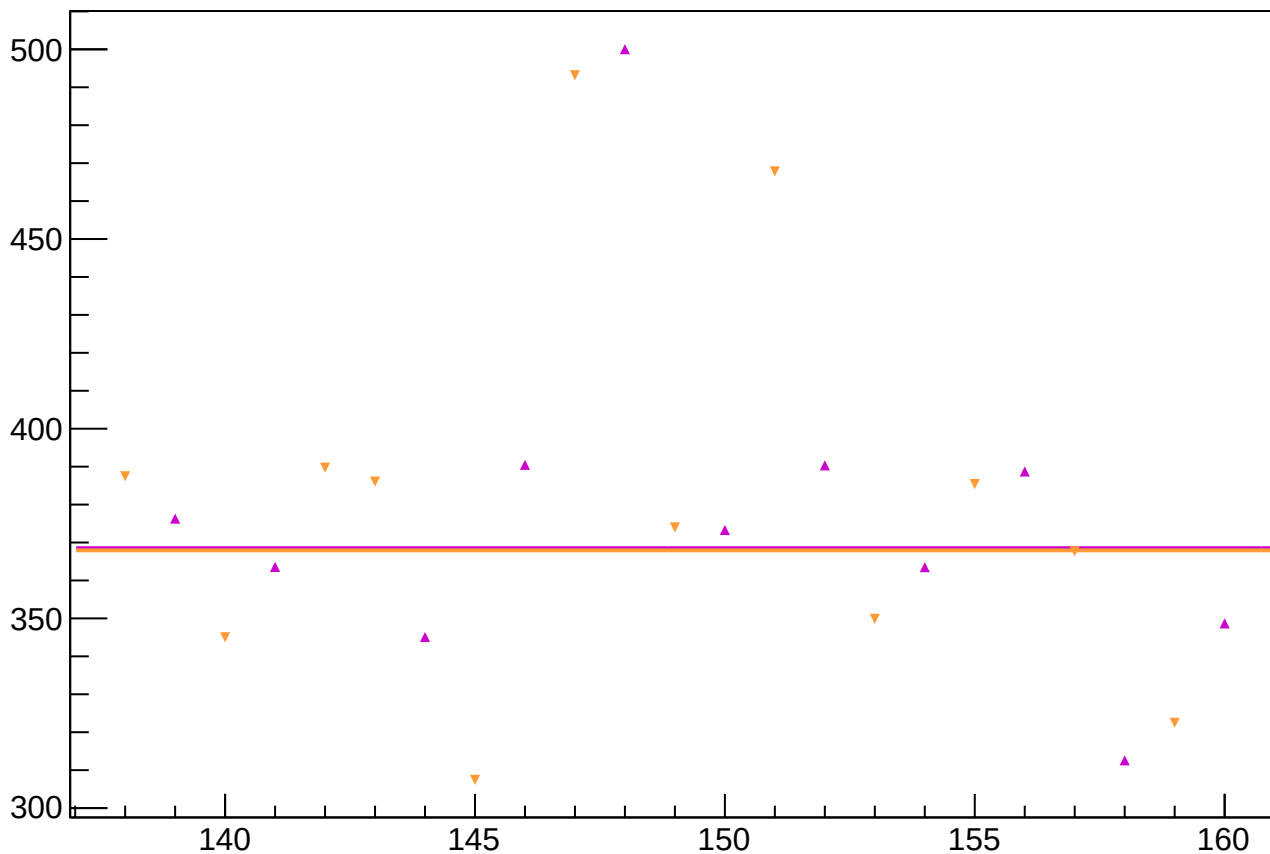
Left In: 151.311+/-123.400 χ^2/NDF : 17.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.795+/-87.509 χ^2/NDF : 43.6/22

- 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: 367.941+/-0.088 χ^2/NDF : 288077.5/11

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

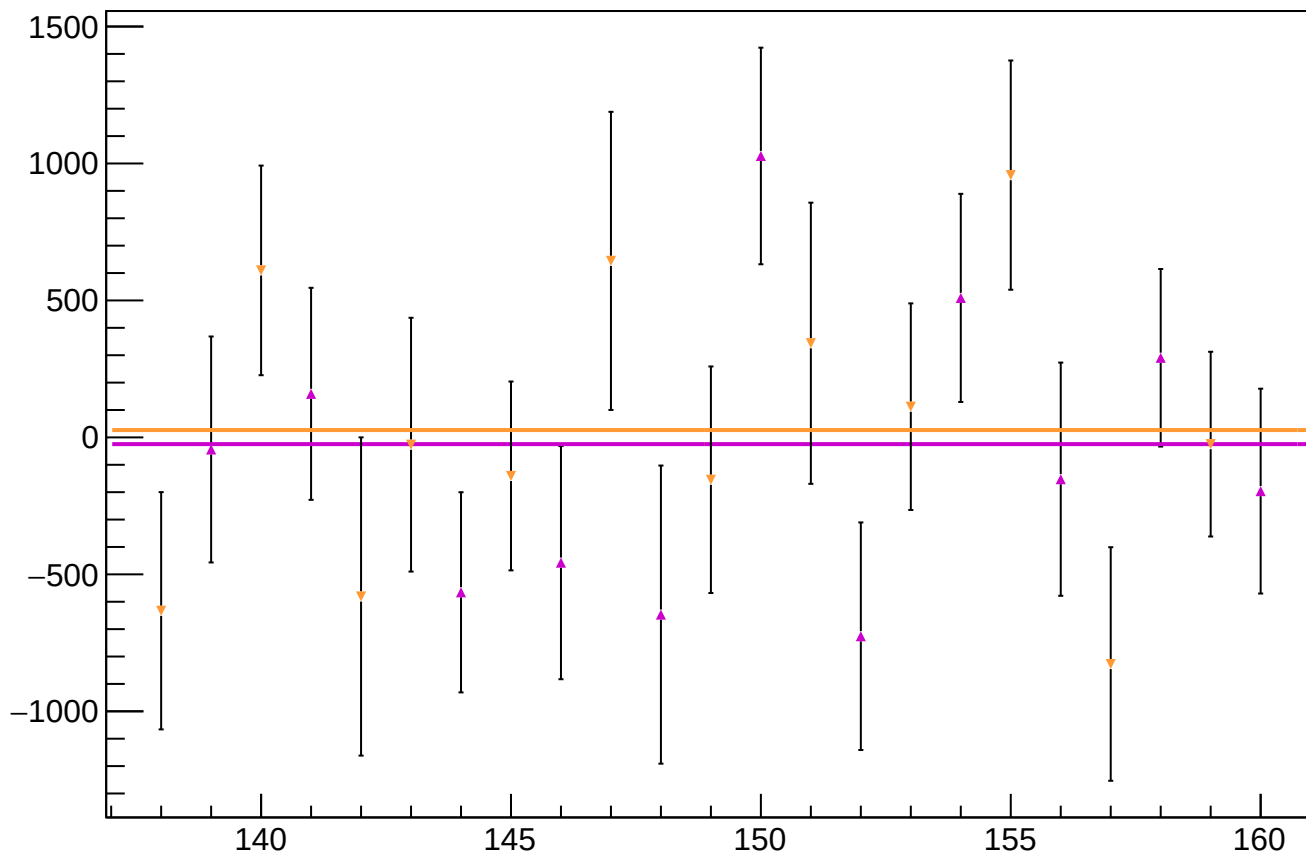
Left In: 368.489+/-0.087 χ^2/NDF : 192223.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.217+/-0.062 χ^2/NDF : 480320.4/22

- 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: 26.783+/-121.044 χ^2/NDF :16.9/11

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

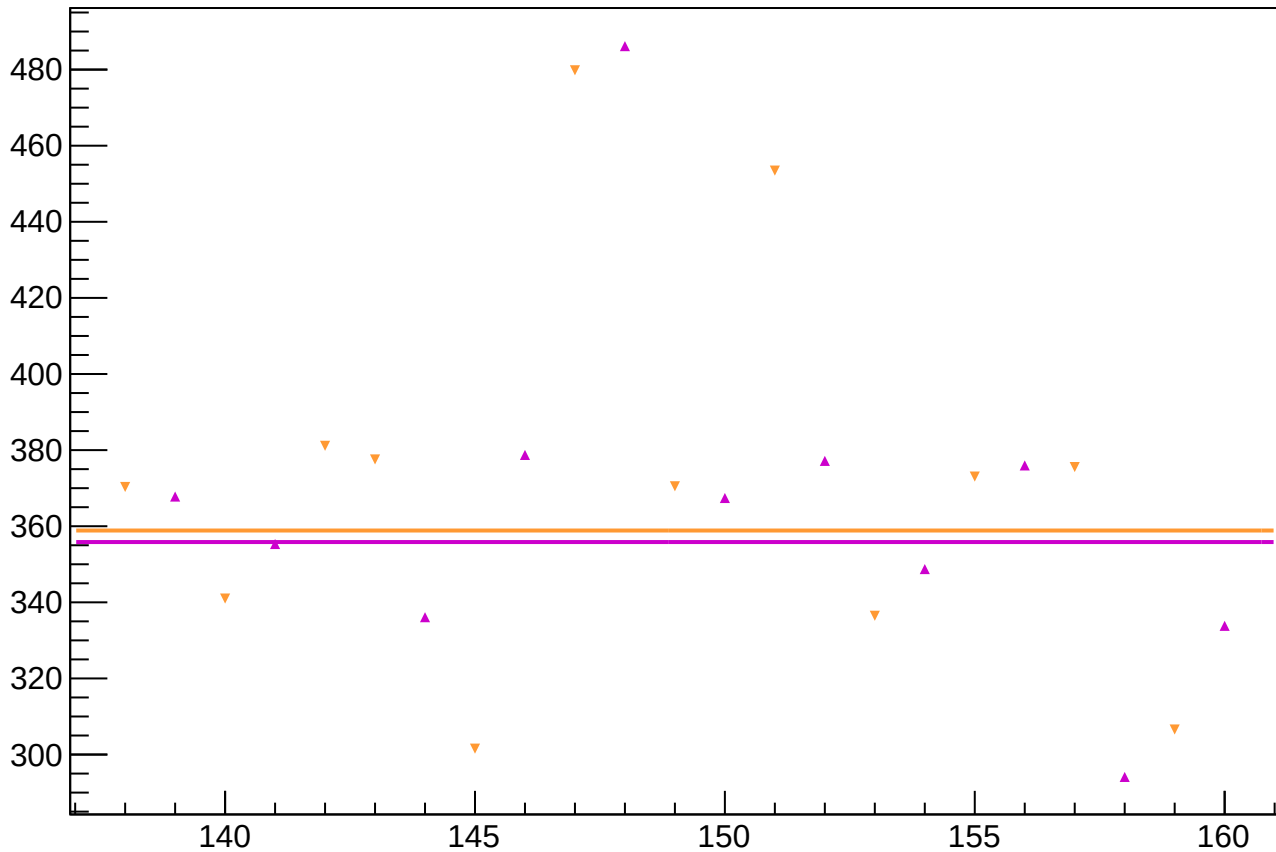
Left In: -24.570+/-119.306 χ^2/NDF :17.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.736+/-84.970 χ^2/NDF : 34.9/22

- 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: 358.873+/-0.086 χ^2/NDF :296018.9/11

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

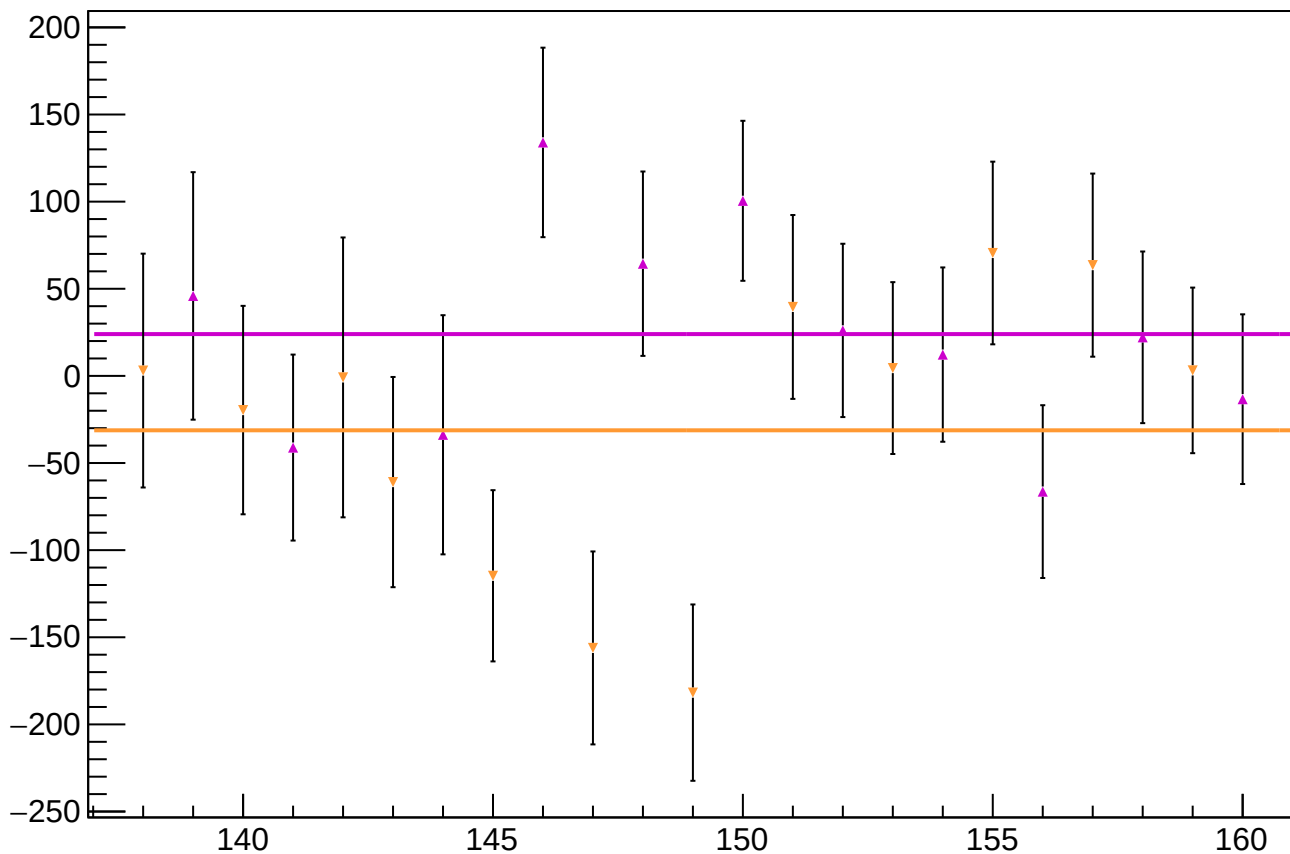
Left In: 355.841+/-0.084 χ^2/NDF :219651.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.335+/-0.060 χ^2/NDF : 516306.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -31.229 $\pm$ 15.807 χ^2 /NDF:27.4/11

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

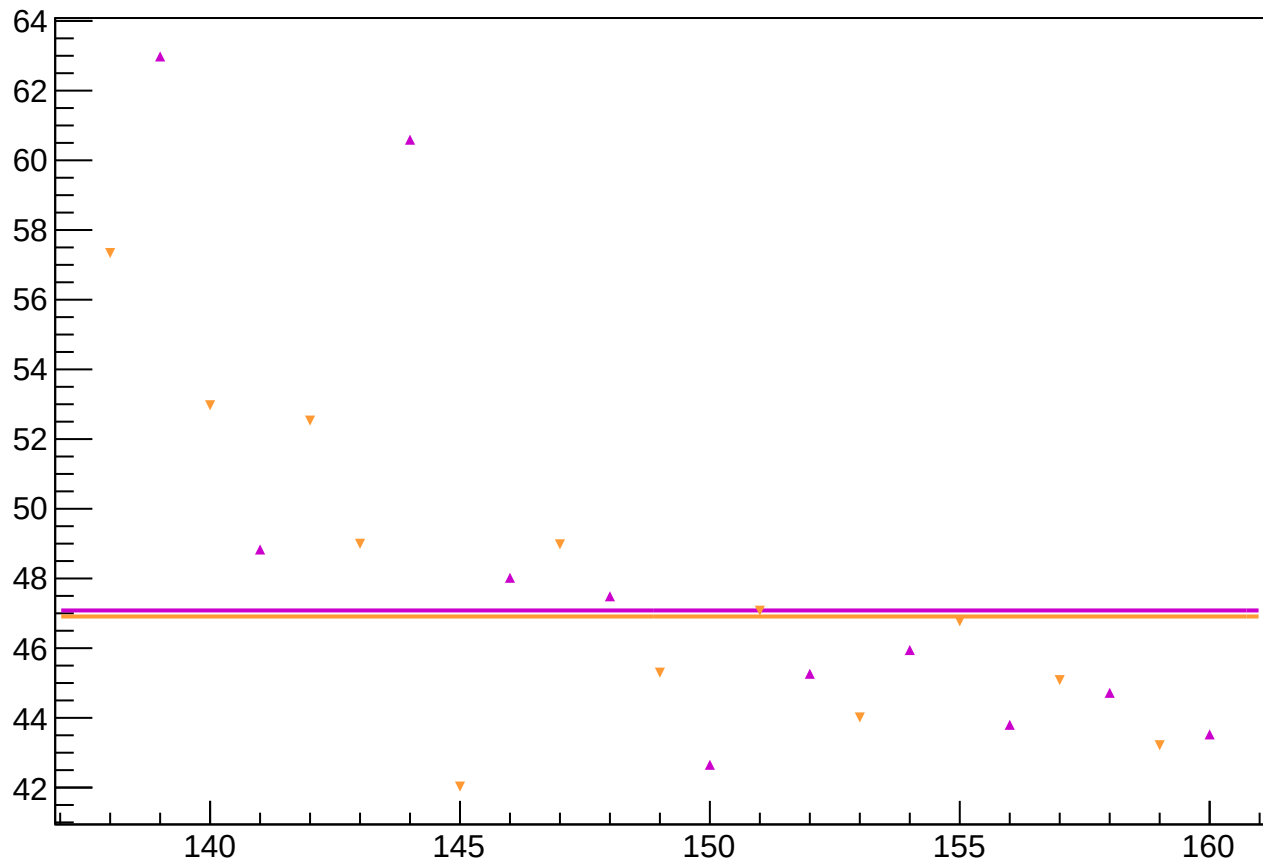
Left In: 23.986 $\pm$ 15.858 χ^2 /NDF:13.7/10

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

All: -3.710 $\pm$ 11.195 χ^2 /NDF: 47.2/22

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

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 46.908+/-0.011 χ^2/NDF :127074.0/11

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

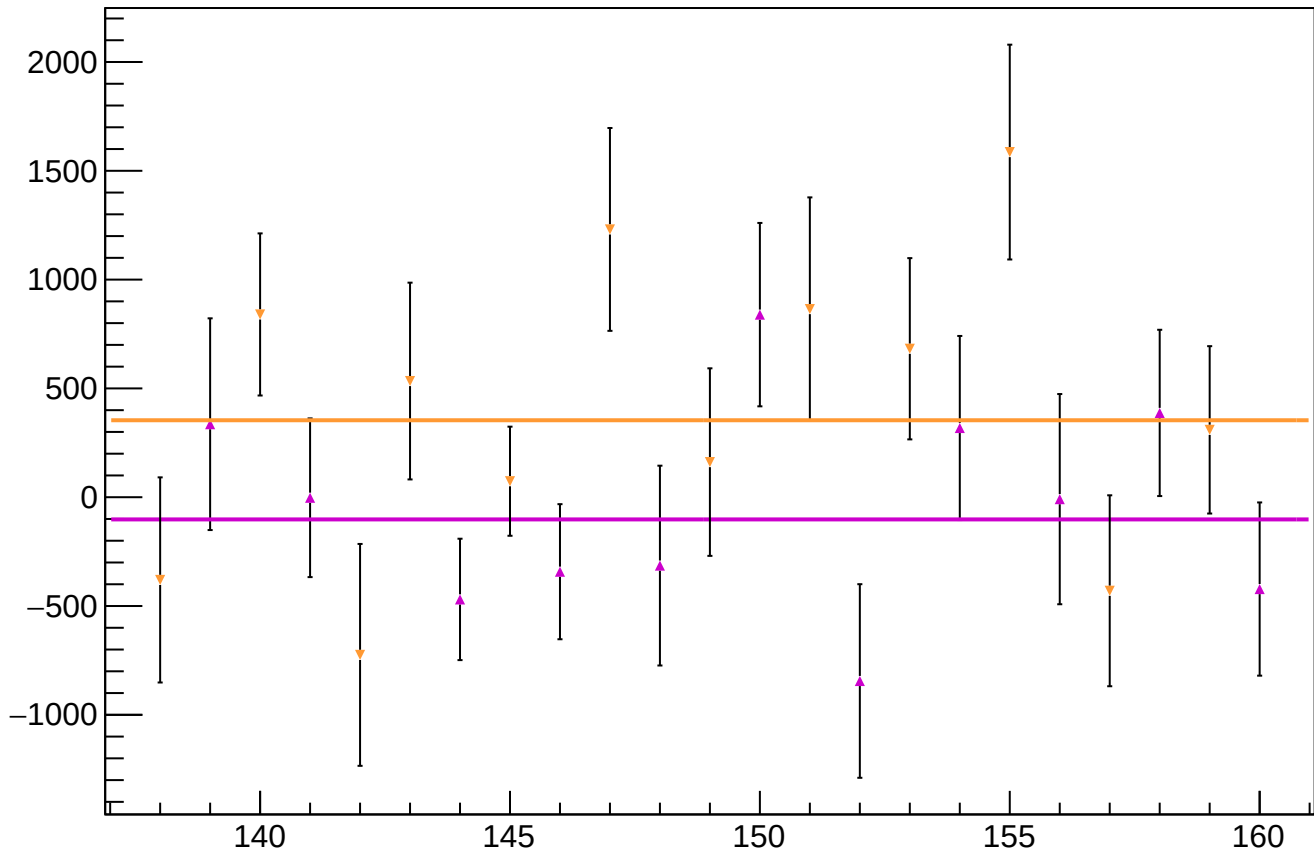
Left In: 47.083+/-0.011 χ^2/NDF :226960.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.995+/-0.008 χ^2/NDF : 354155.4/22

- 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: 353.662+/-117.878 χ^2/NDF : 24.8/11

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

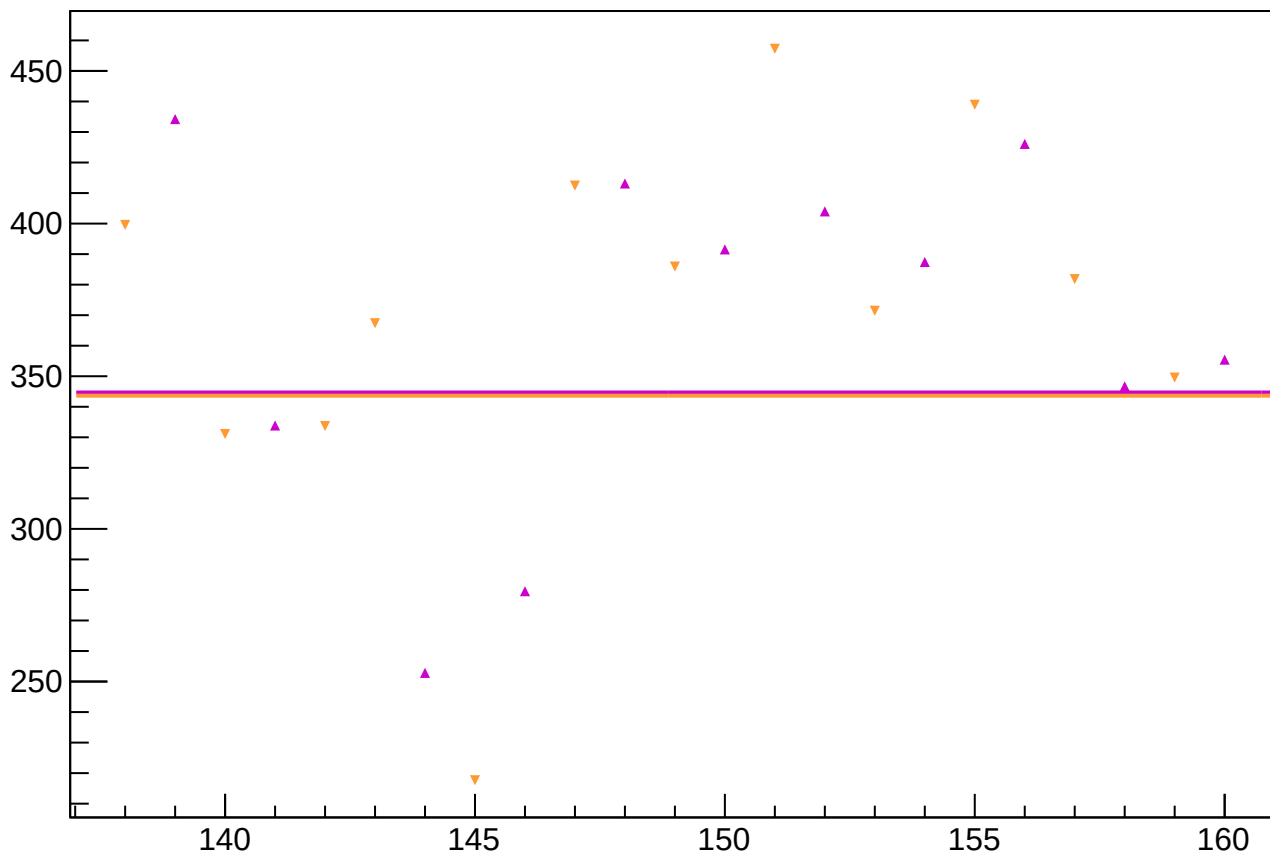
Left In: -102.031+/-116.685 χ^2/NDF : 14.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.498+/-82.927 χ^2/NDF : 46.9/22

- 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: 343.635+/-0.083 χ^2/NDF : 801556.6/11

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

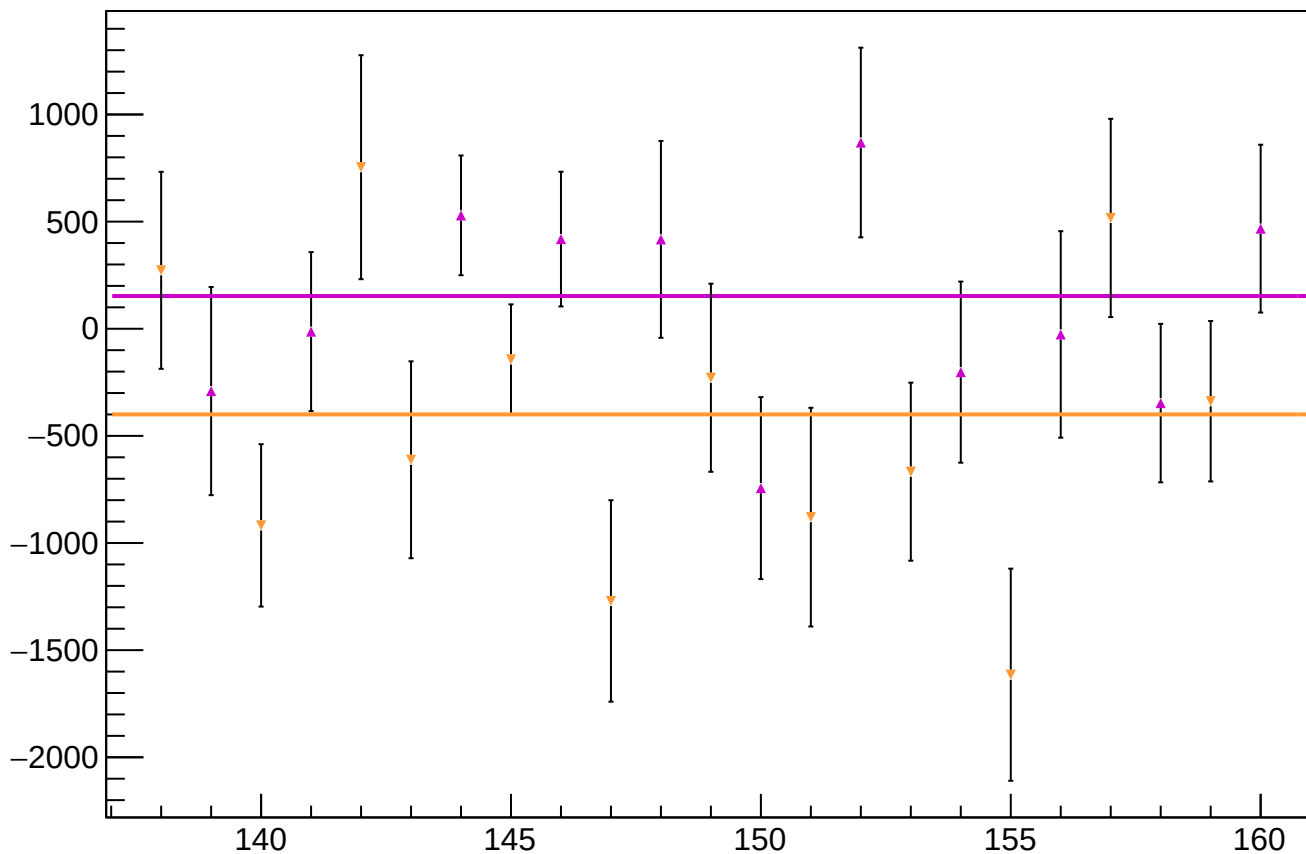
Left In: 344.671+/-0.083 χ^2/NDF : 557889.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.158+/-0.059 χ^2/NDF : 1359524.4/22

- 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: -399.660 $\pm$ 119.106 χ^2 /NDF:24.9/11

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

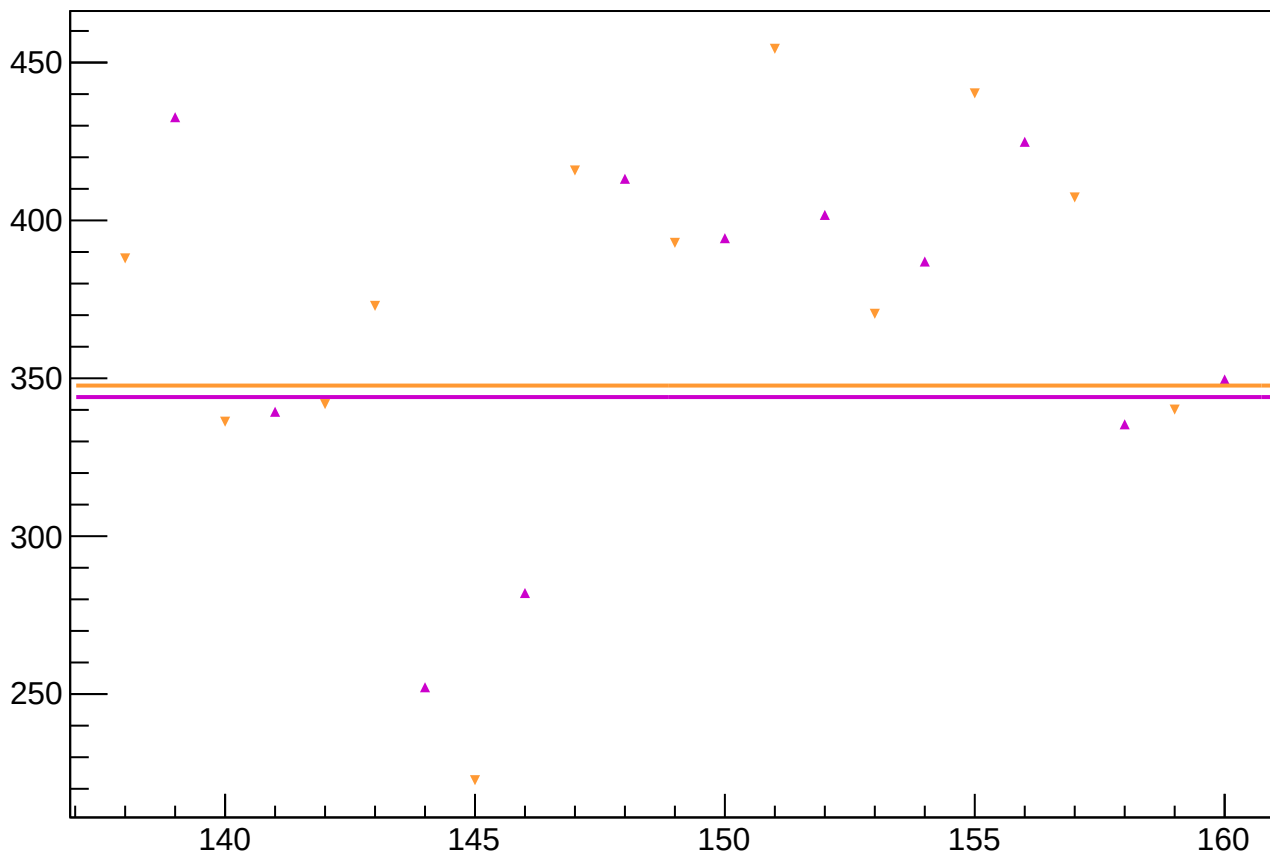
Left In: 152.713 $\pm$ 116.600 χ^2 /NDF:14.3/10

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

All: -117.601 $\pm$ 83.321 χ^2 /NDF: 50.2/22

- 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: 347.701+/-0.084 χ^2/NDF : 757320.7/11

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

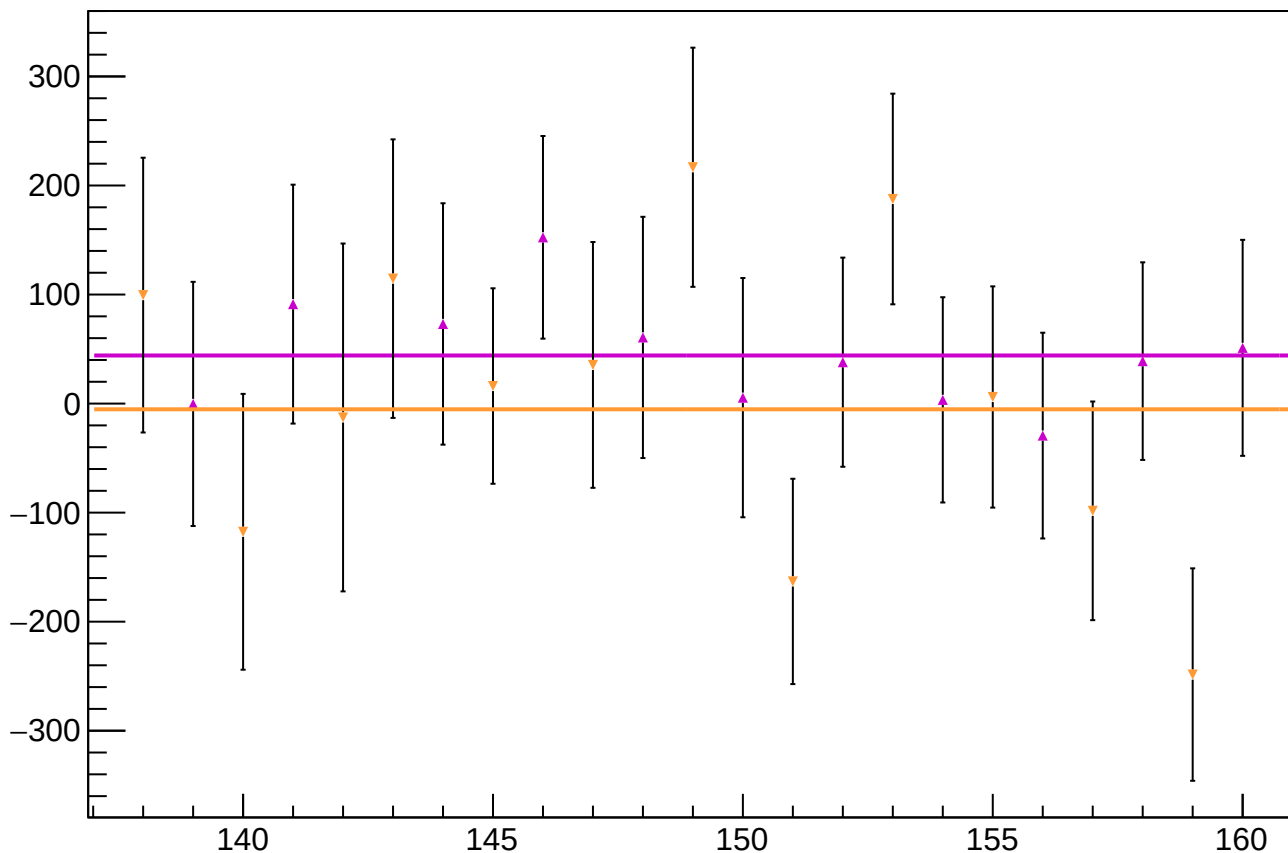
Left In: 344.059+/-0.082 χ^2/NDF : 546994.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.842+/-0.059 χ^2/NDF : 1305269.5/22

- 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: -5.240 $\pm$ 31.092 χ^2/NDF :20.6/11

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

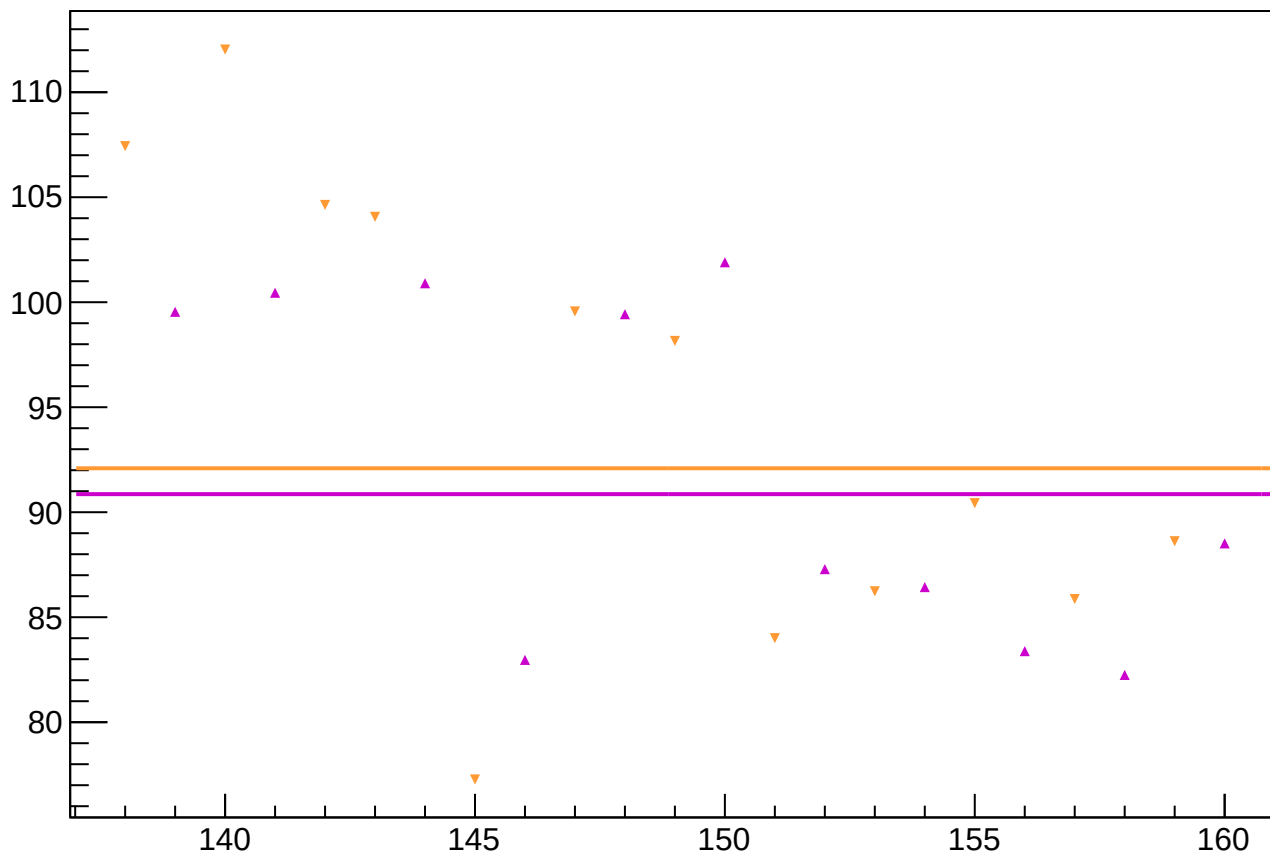
Left In: 44.112 $\pm$ 30.385 χ^2/NDF :2.7/10

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

All: 20.003 $\pm$ 21.731 χ^2/NDF : 24.6/22

- 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: 92.092+/-0.022 χ^2/NDF : 211781.8/11

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

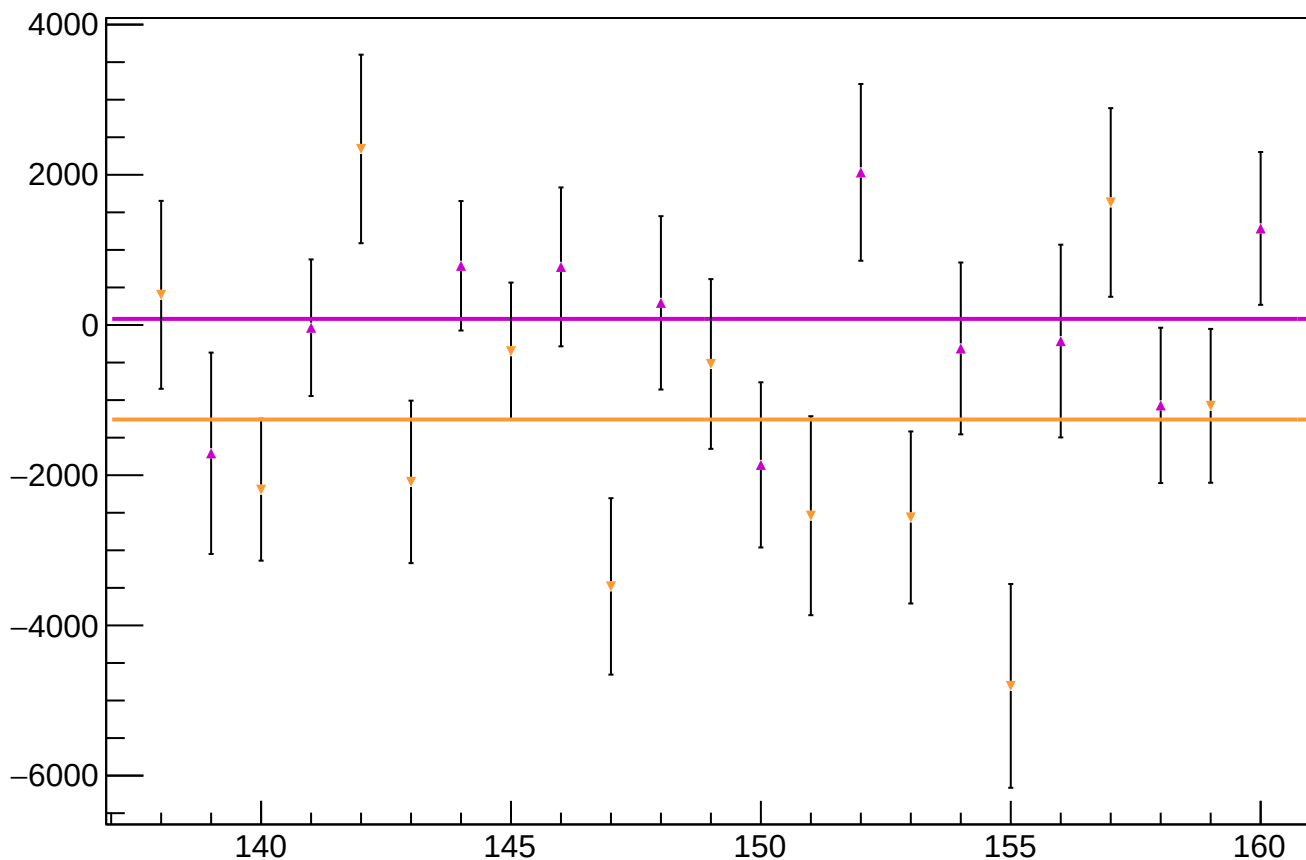
Left In: 90.861+/-0.021 χ^2/NDF : 129453.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.462+/-0.015 χ^2/NDF : 342840.6/22

- 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: -1258.364+/-325.931 χ^2/NDF : 31.0/11

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

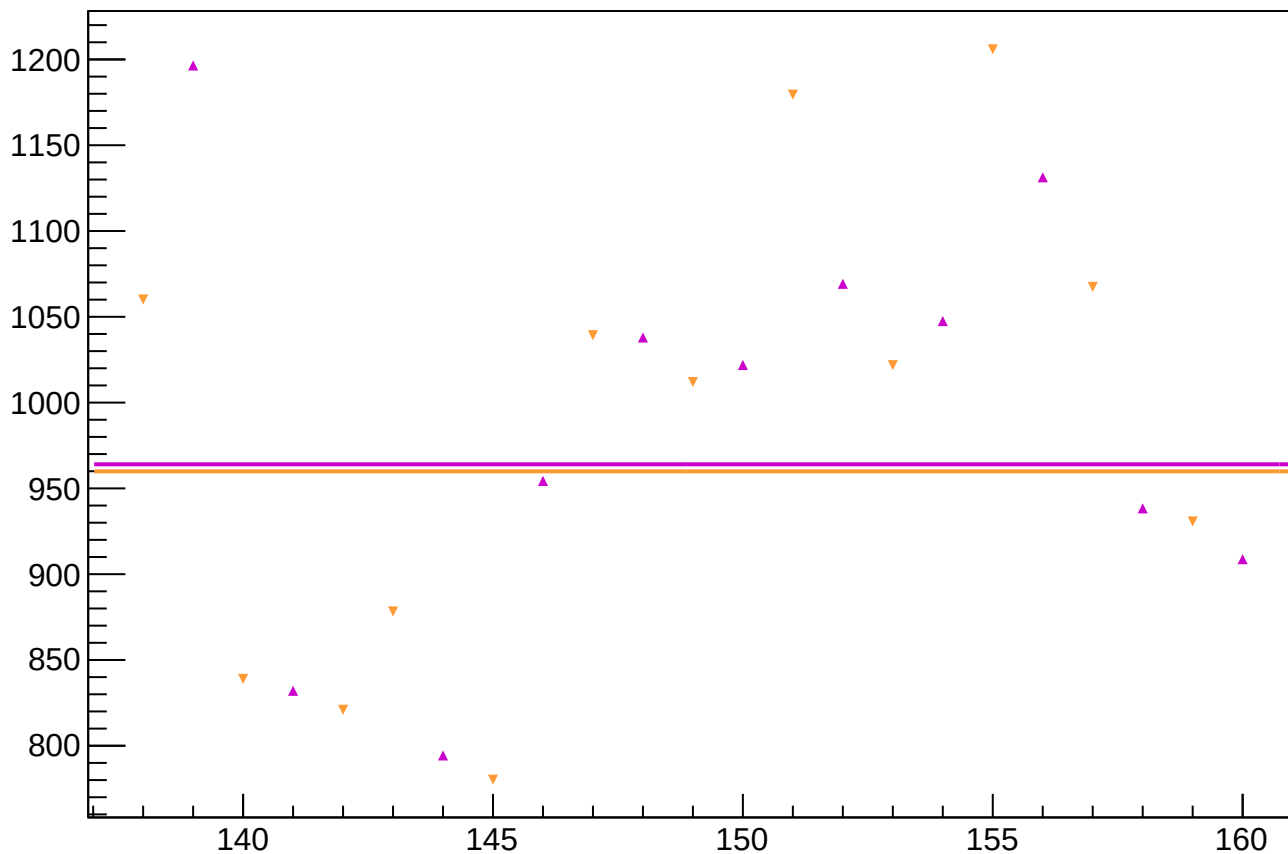
Left In: 81.519+/-323.145 χ^2/NDF : 11.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -582.672+/-229.476 χ^2/NDF : 51.1/22

- 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: 959.928+/-0.230 χ^2/NDF : 314877.9/11

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

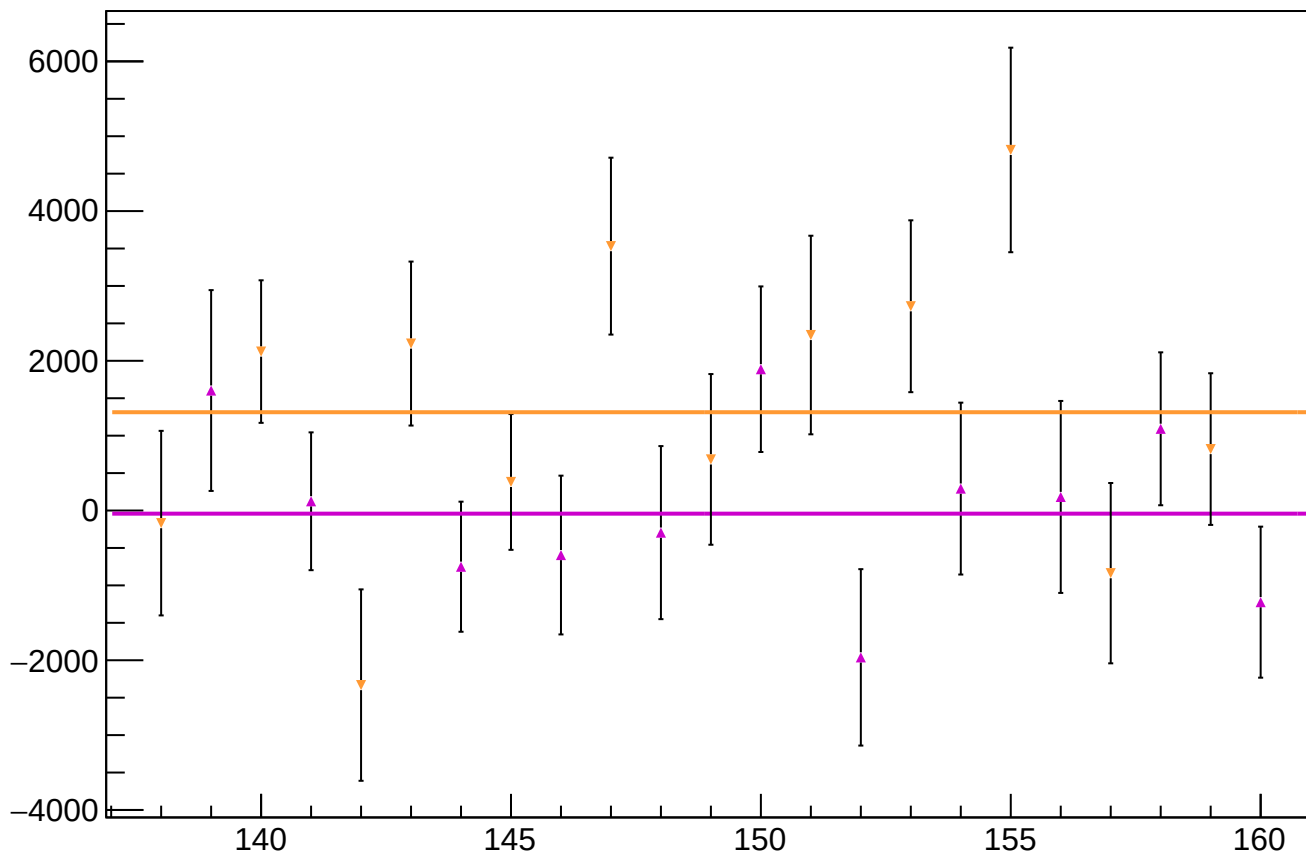
Left In: 964.044+/-0.228 χ^2/NDF : 261403.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.004+/-0.162 χ^2/NDF : 576442.3/22

- 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: 1313.280+/-325.556 χ^2/NDF : 28.0/11

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

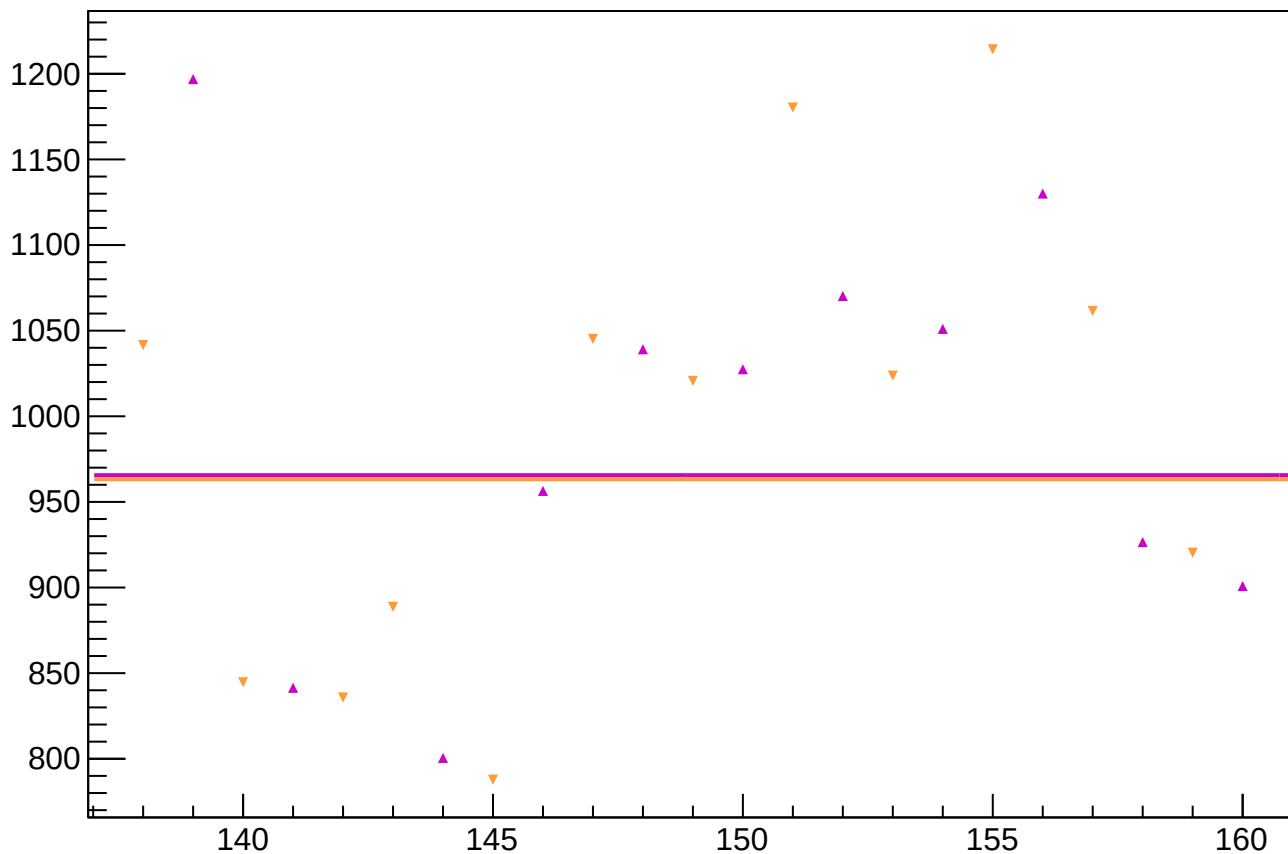
Left In: -41.848+/-323.685 χ^2/NDF : 10.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 631.810+/-229.539 χ^2/NDF : 47.7/22

- 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: 963.222+/-0.230 χ^2/NDF :301337.1/11

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

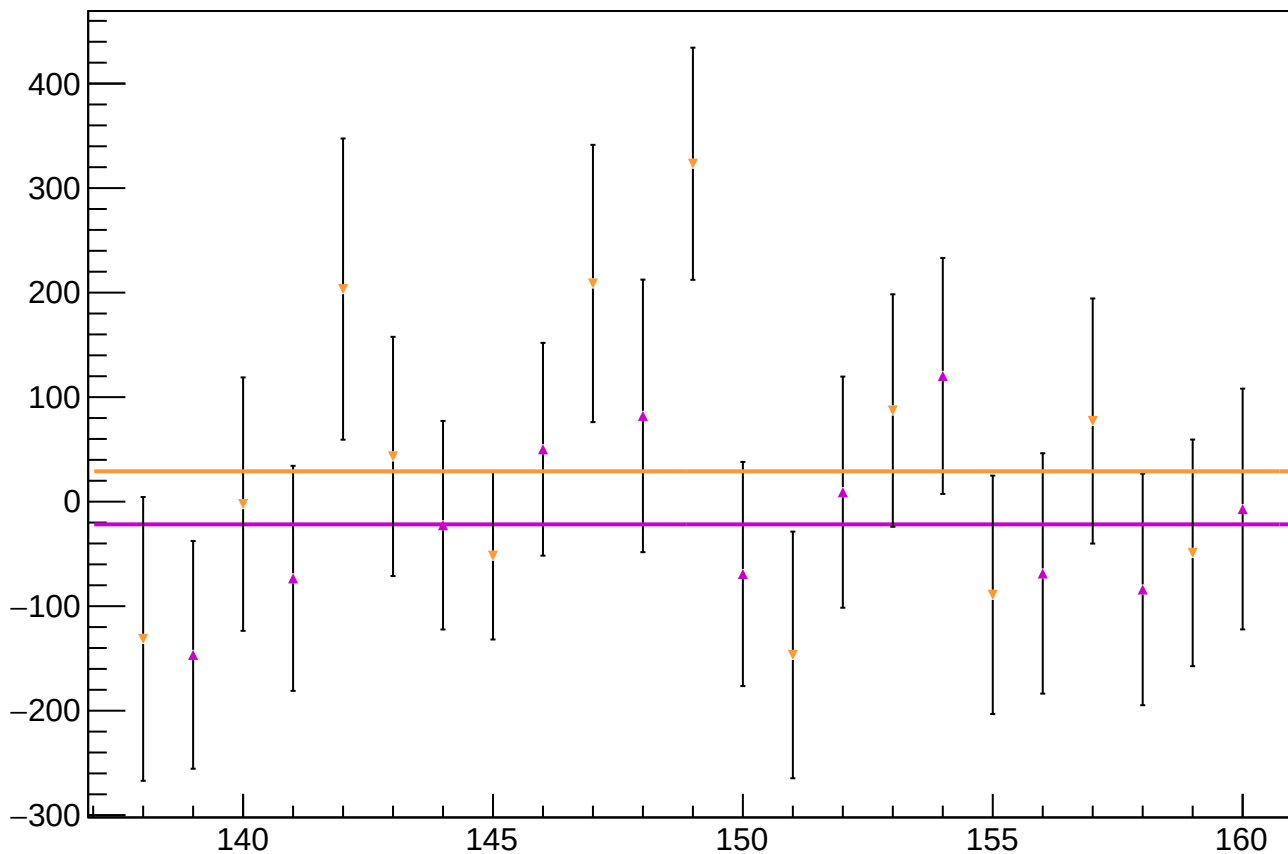
Left In: 965.607+/-0.229 χ^2/NDF :253476.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.422+/-0.162 χ^2/NDF : 554867.6/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: 29.044+/-32.829 χ^2/NDF :17.1/11

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

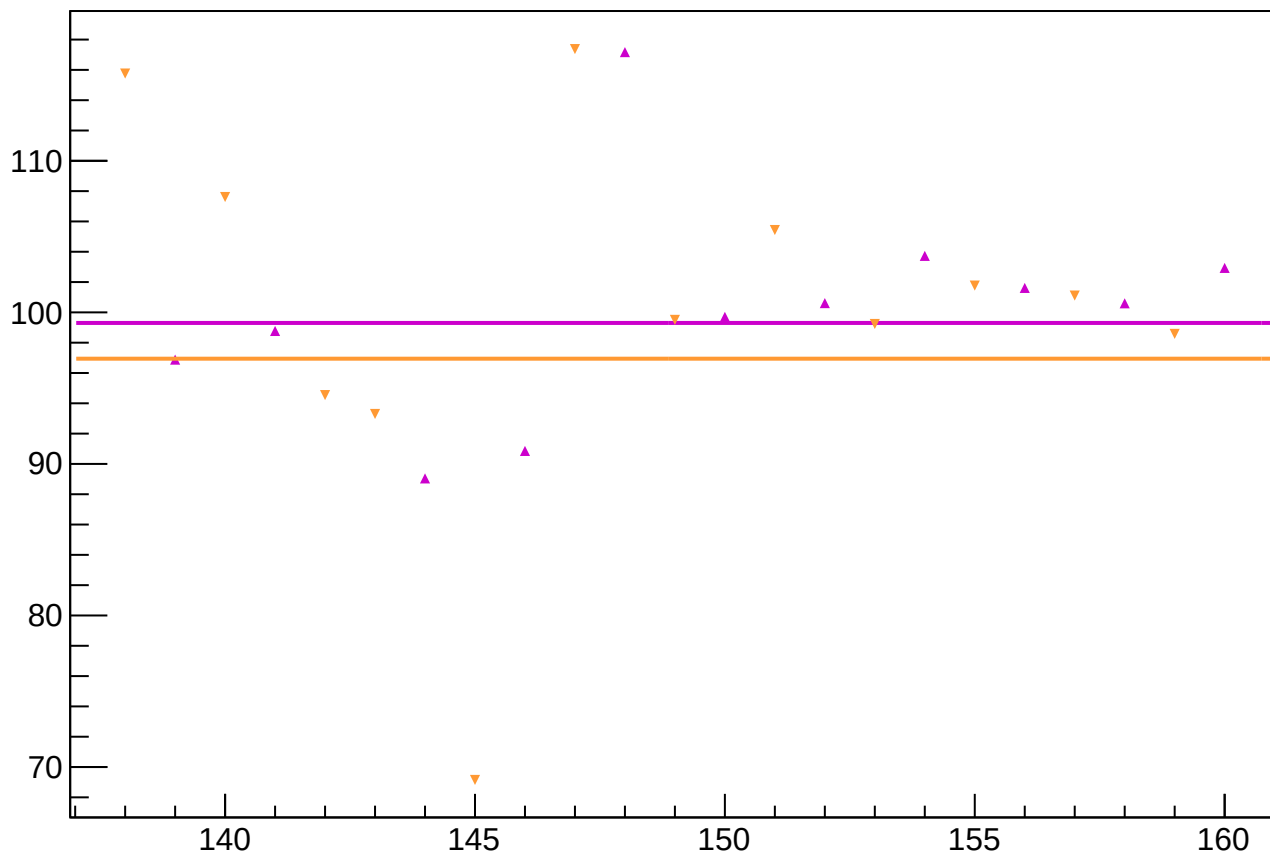
Left In: -21.731+/-33.220 χ^2/NDF :5.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.957+/-23.351 χ^2/NDF : 23.3/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 96.944+/-0.023 χ^2/NDF : 363403.1/11

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

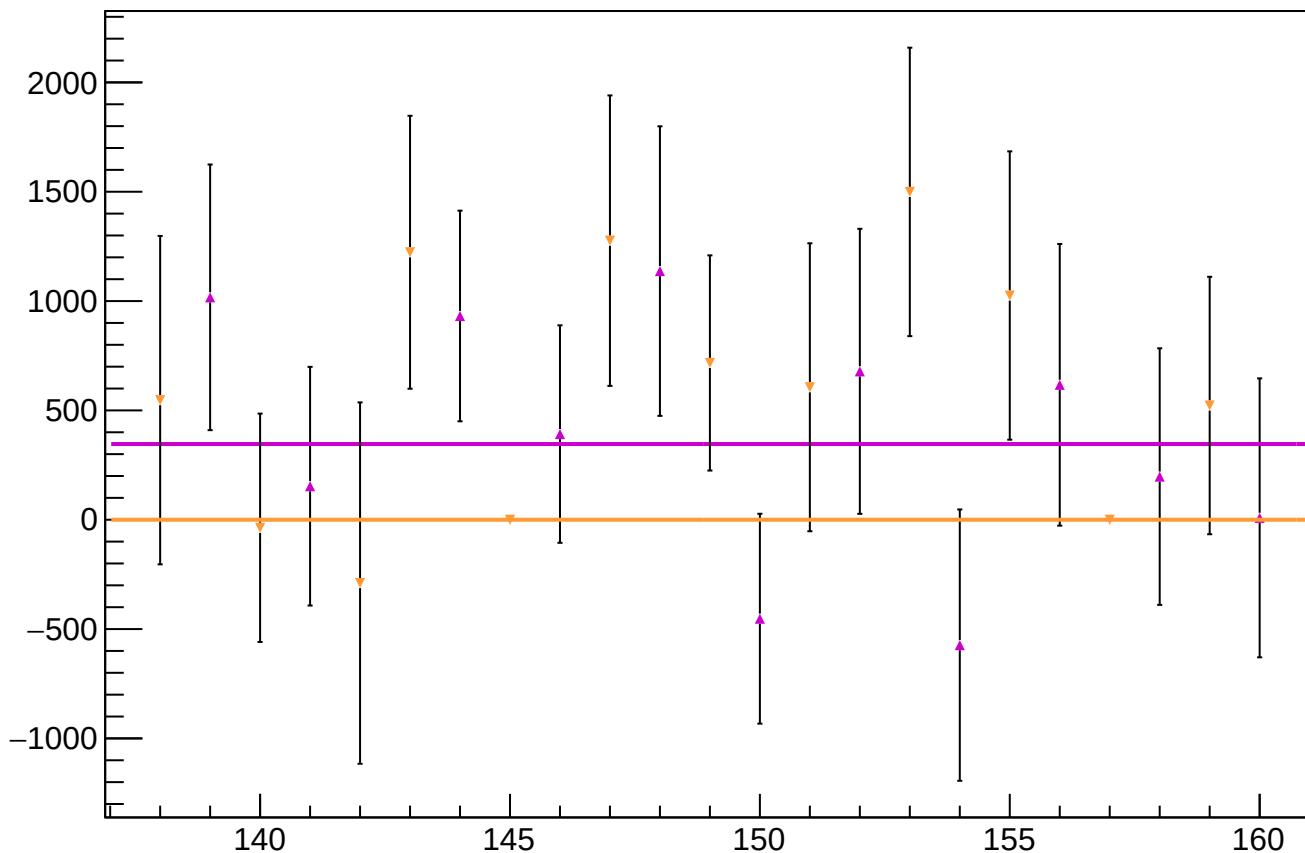
Left In: 99.303+/-0.023 χ^2/NDF : 79974.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.109+/-0.017 χ^2/NDF : 448478.7/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_mean vs Slug



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

Left Out: -0.000+/-0.000 χ^2/NDF : 19.8/11

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

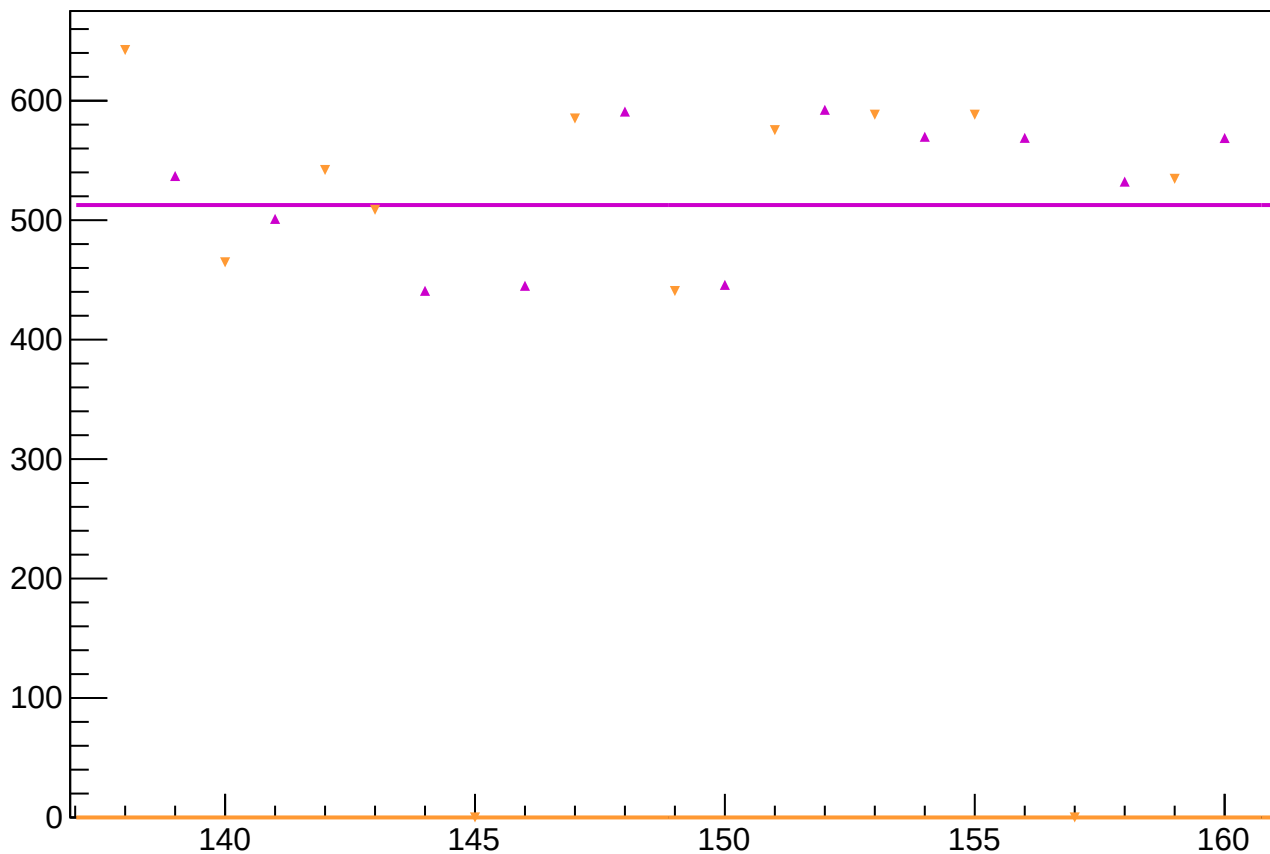
Left In: 346.204+/-172.087 χ^2/NDF : 10.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.9/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF :14752565.3/11

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

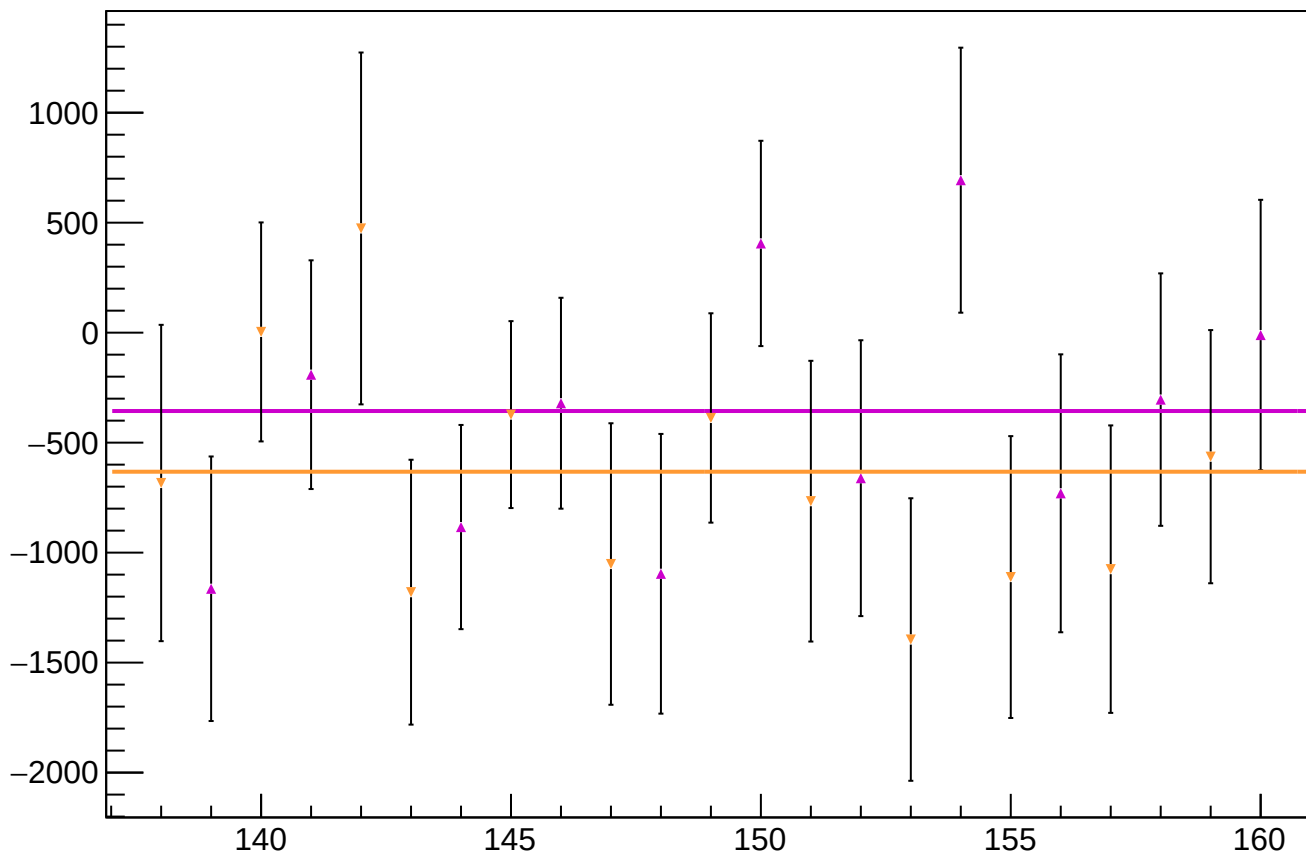
Left In: 512.669+/-0.122 χ^2/NDF :232102.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32735165.5/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -632.170+/-168.149 χ^2/NDF : 7.9/11

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

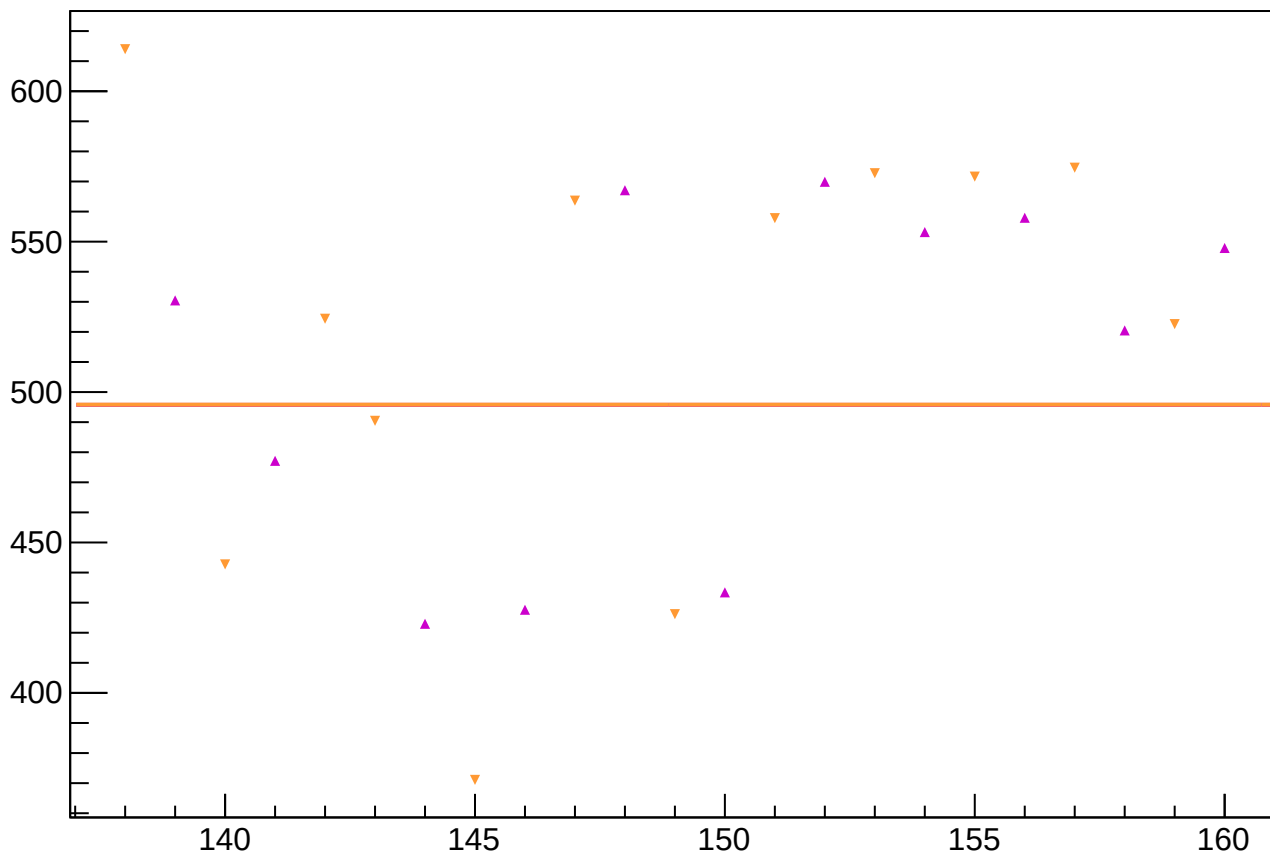
Left In: -356.220+/-166.639 χ^2/NDF : 11.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -492.950+/-118.362 χ^2/NDF : 20.5/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_rms vs Slug



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

Left Out: 495.812+/-0.119 χ^2/NDF : 426120.4/11

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

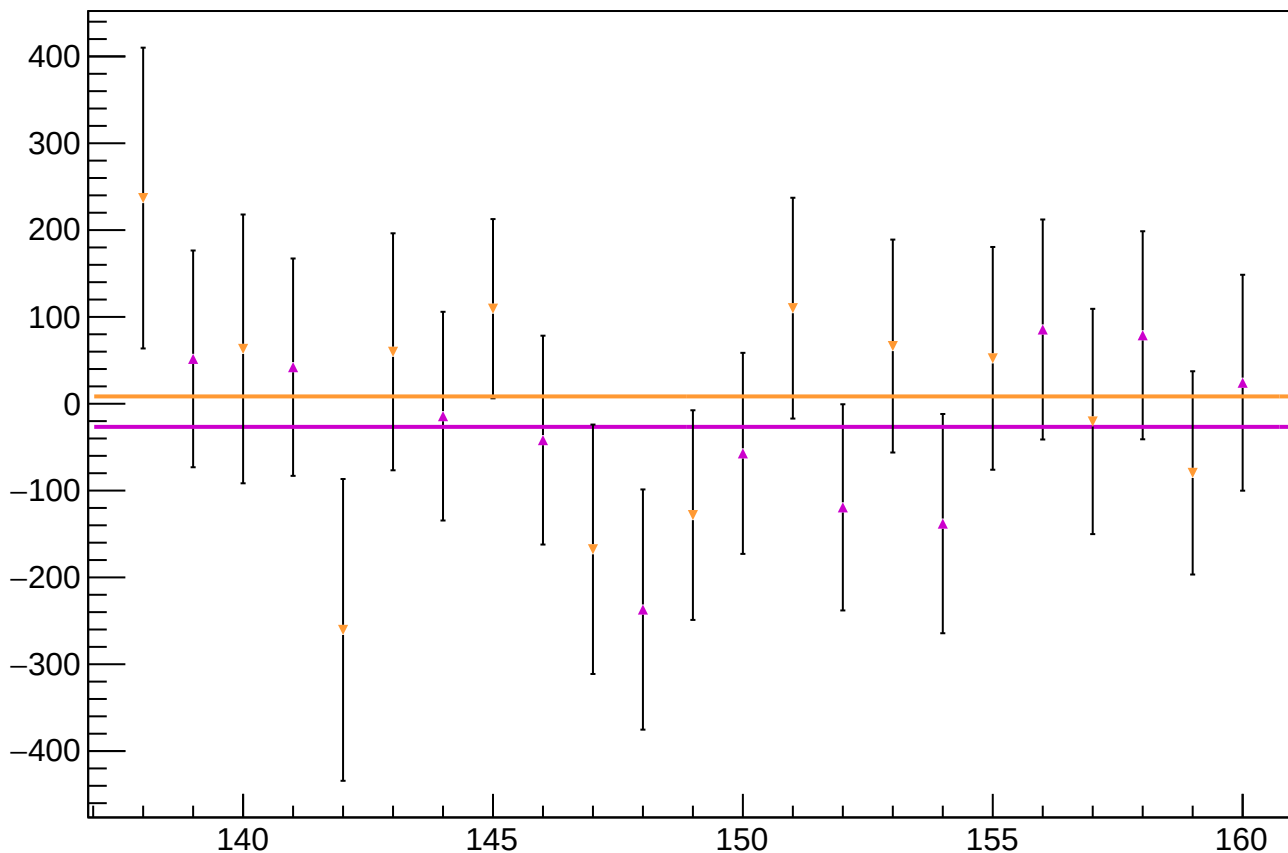
Left In: 495.733+/-0.118 χ^2/NDF : 243268.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.772+/-0.084 χ^2/NDF : 669389.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 8.433 $\pm$ 37.948 χ^2 /NDF:9.7/11

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

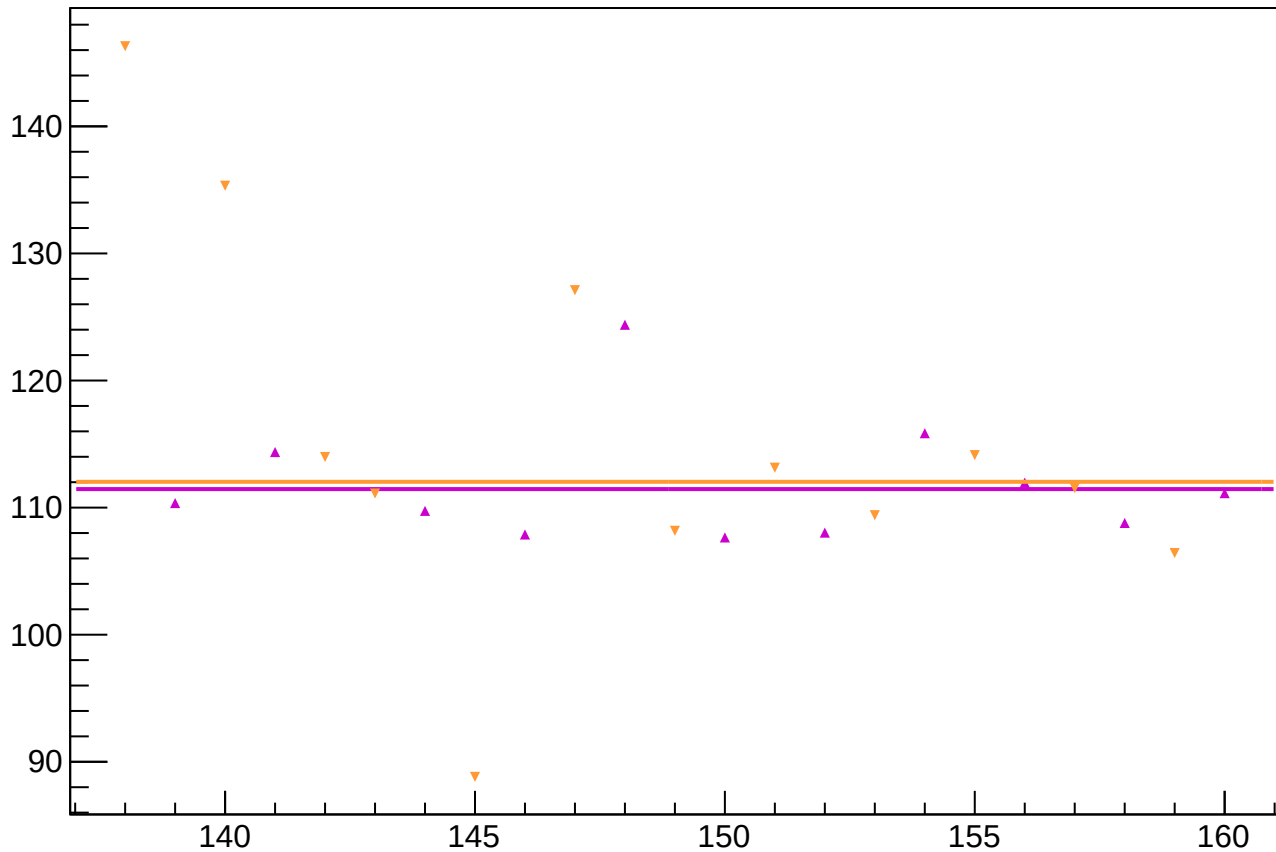
Left In: -26.623 $\pm$ 37.174 χ^2 /NDF:6.2/10

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

All: -9.456 $\pm$ 26.556 χ^2 /NDF: 16.4/22

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

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 112.030+/-0.027 χ^2/NDF :255481.1/11

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

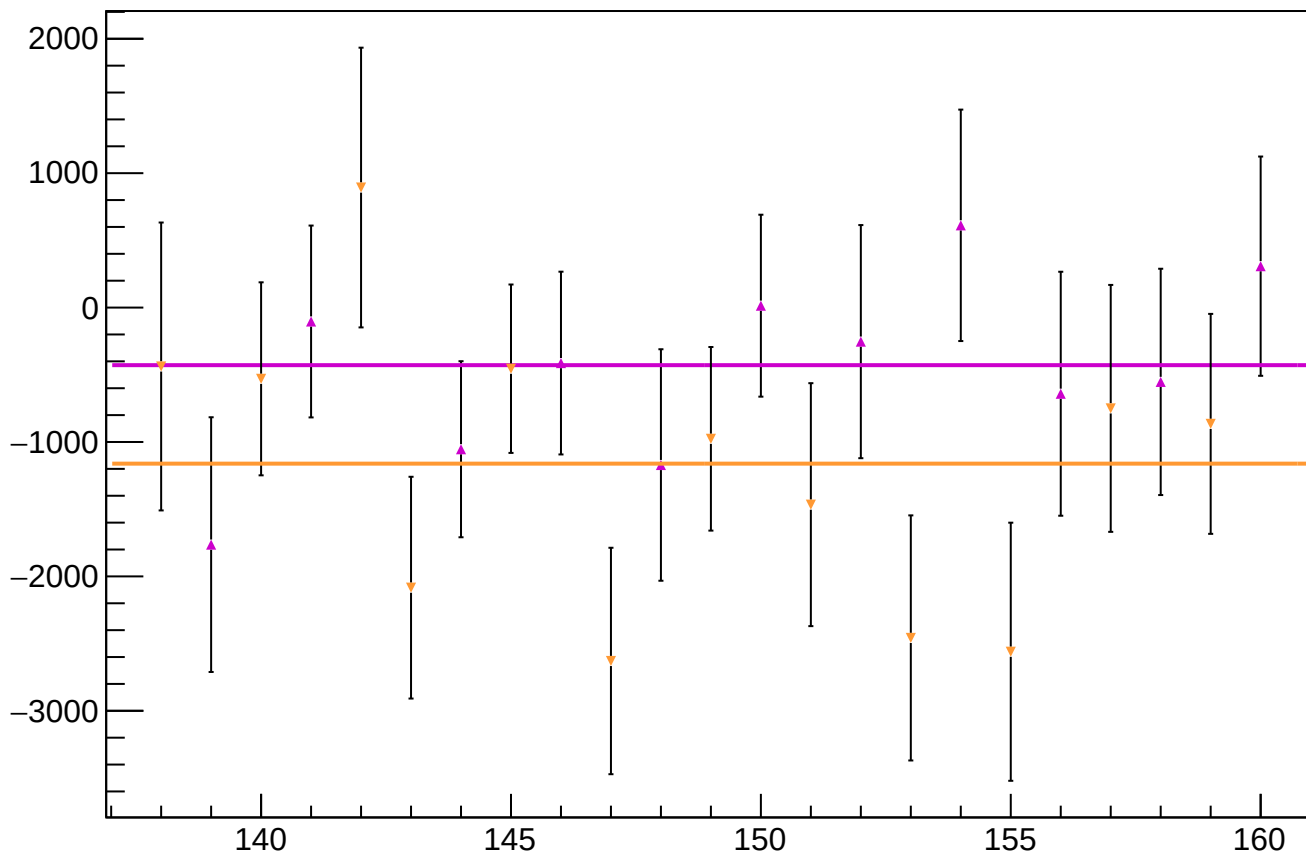
Left In: 111.458+/-0.026 χ^2/NDF :28174.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.738+/-0.019 χ^2/NDF : 283887.6/22

- 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: -1161.117+/-239.076 χ^2/NDF :15.4/11

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

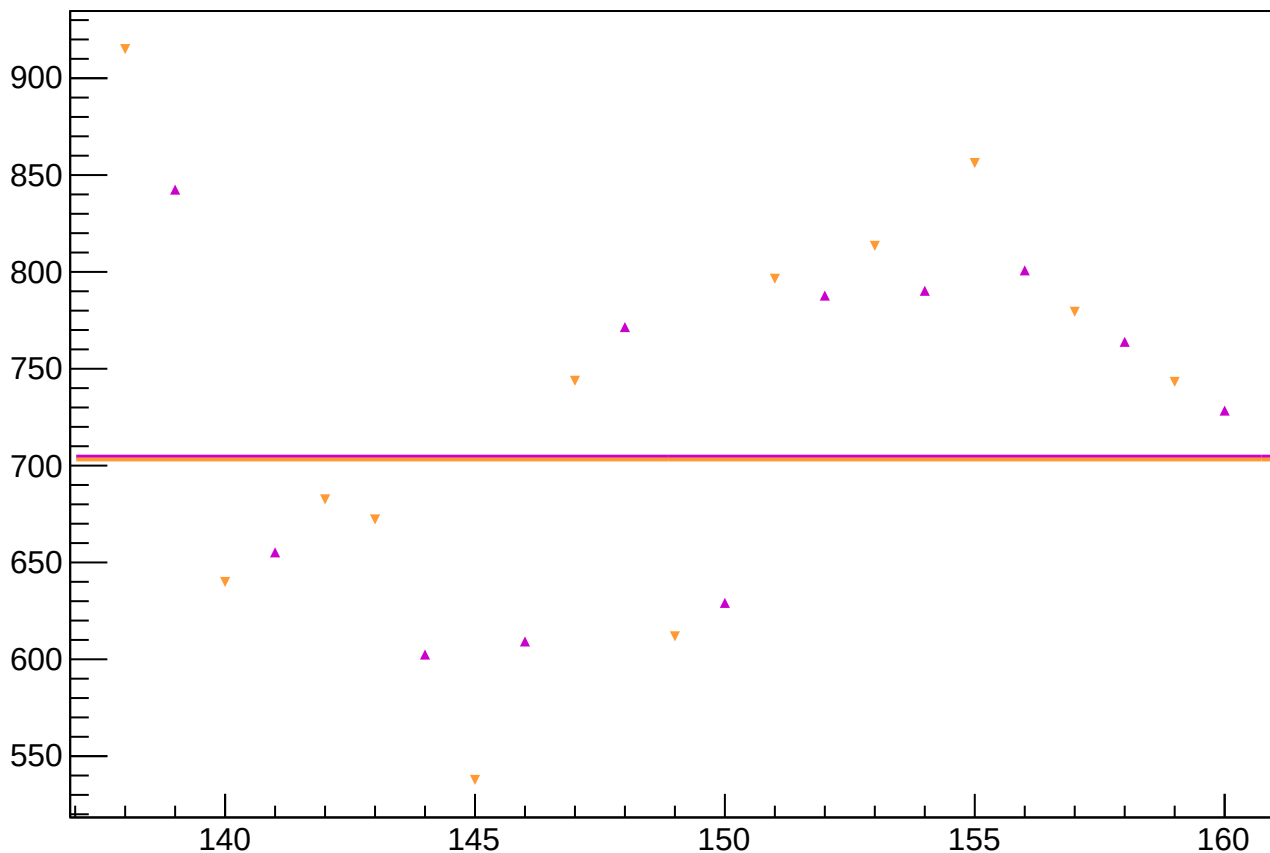
Left In: -428.387+/-236.300 χ^2/NDF :6.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -790.474+/-168.062 χ^2/NDF : 26.8/22

- 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: 703.192+/-0.169 χ^2/NDF : 397201.9/11

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

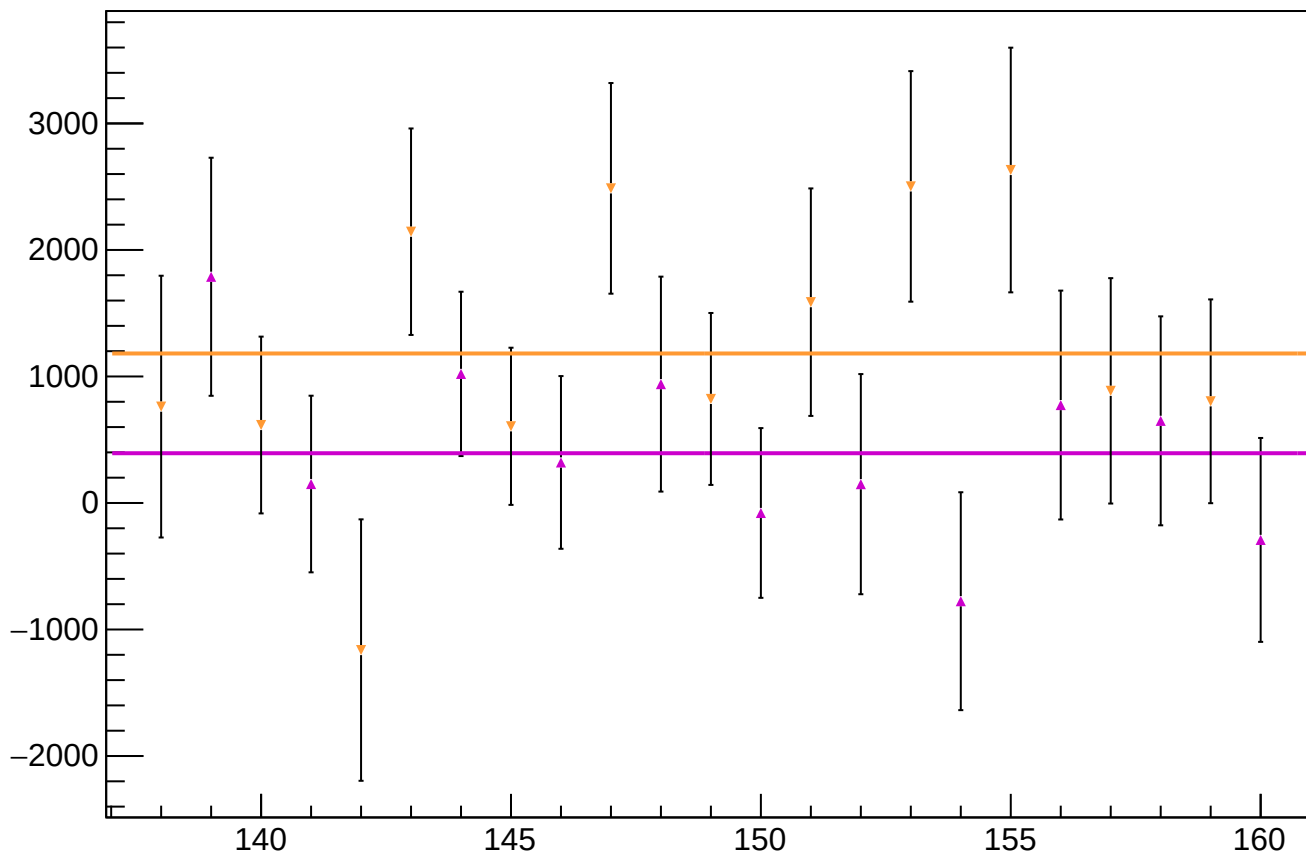
Left In: 704.609+/-0.167 χ^2/NDF : 249164.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.909+/-0.119 χ^2/NDF : 646401.9/22

- 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: 1181.729+/-236.134 χ^2/NDF :15.8/11

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

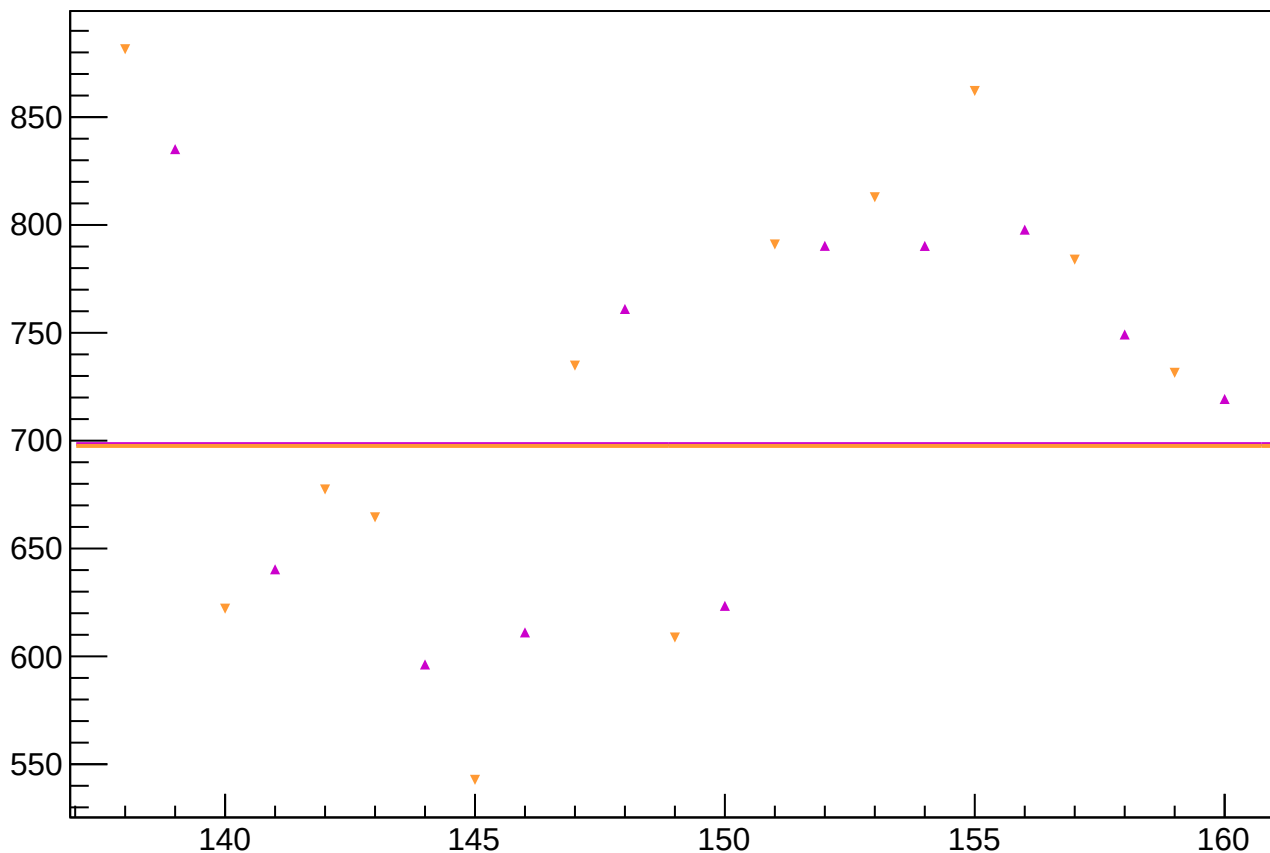
Left In: 393.312+/-234.374 χ^2/NDF :7.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.571+/-166.347 χ^2/NDF : 28.5/22

- 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: 697.569+/-0.167 χ^2/NDF : 386832.0/11

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

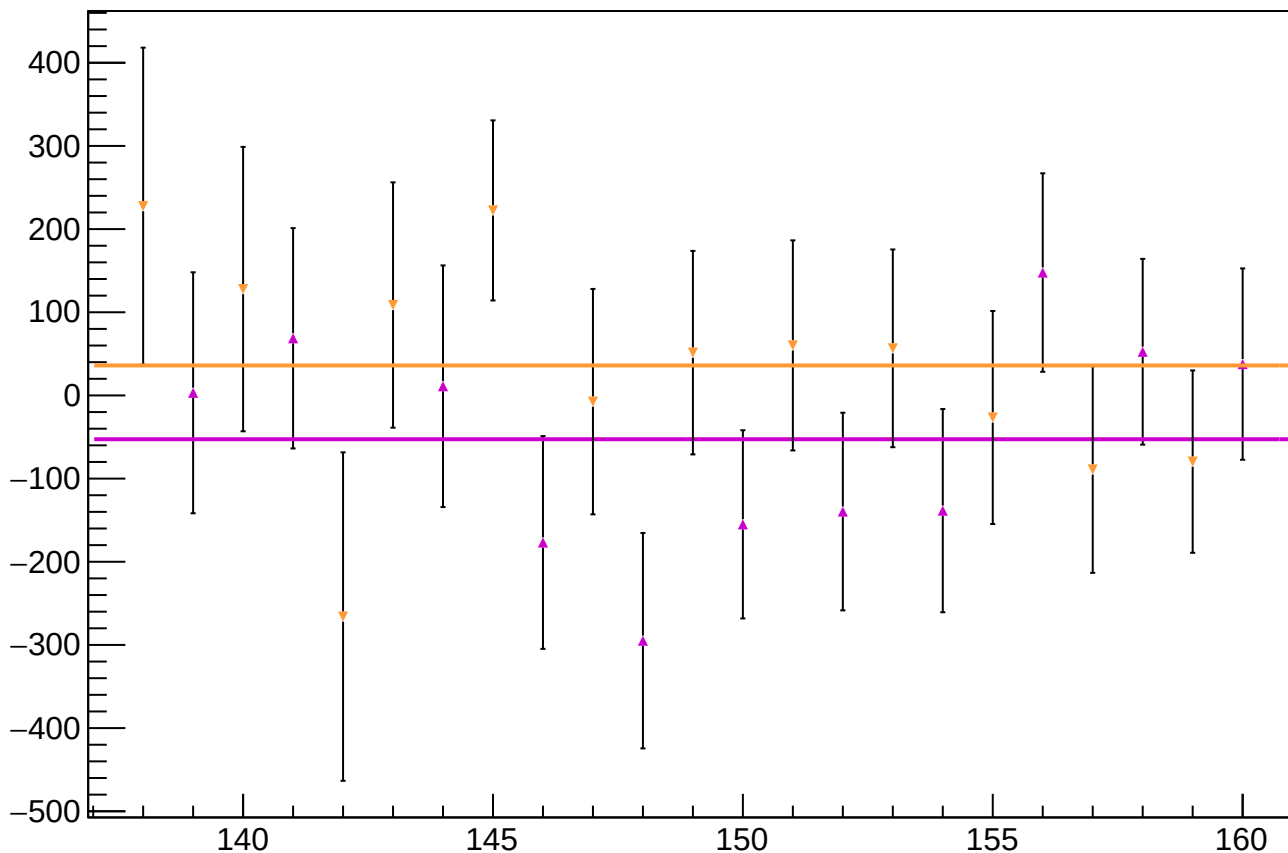
Left In: 698.393+/-0.166 χ^2/NDF : 252334.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 697.984+/-0.118 χ^2/NDF : 639178.5/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



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

Left Out: 36.061 $\pm$ 38.285 χ^2 /NDF:9.4/11

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

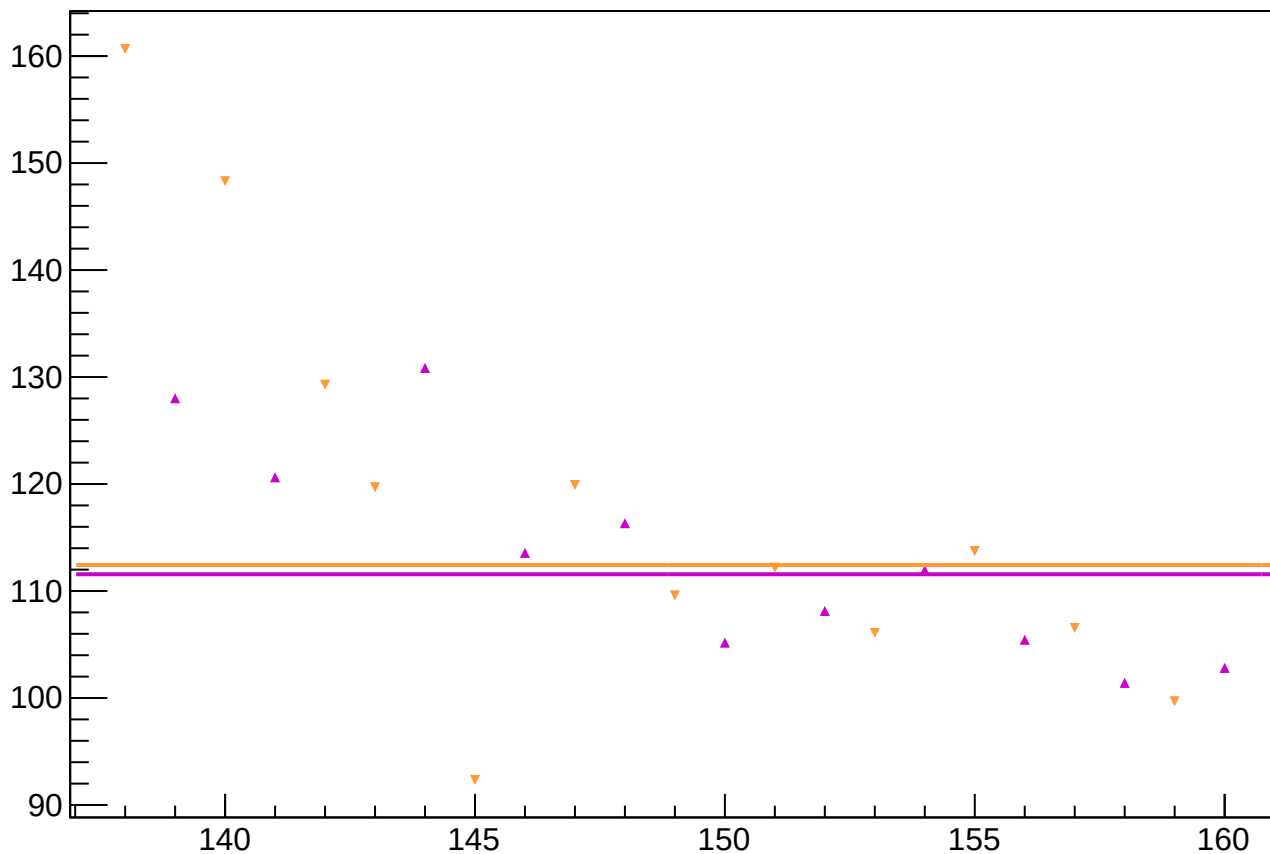
Left In: -52.663 $\pm$ 37.409 χ^2 /NDF:11.8/10

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

All: -9.328 $\pm$ 26.756 χ^2 /NDF: 23.9/22

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

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 112.428+/-0.027 χ^2/NDF : 348951.3/11

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

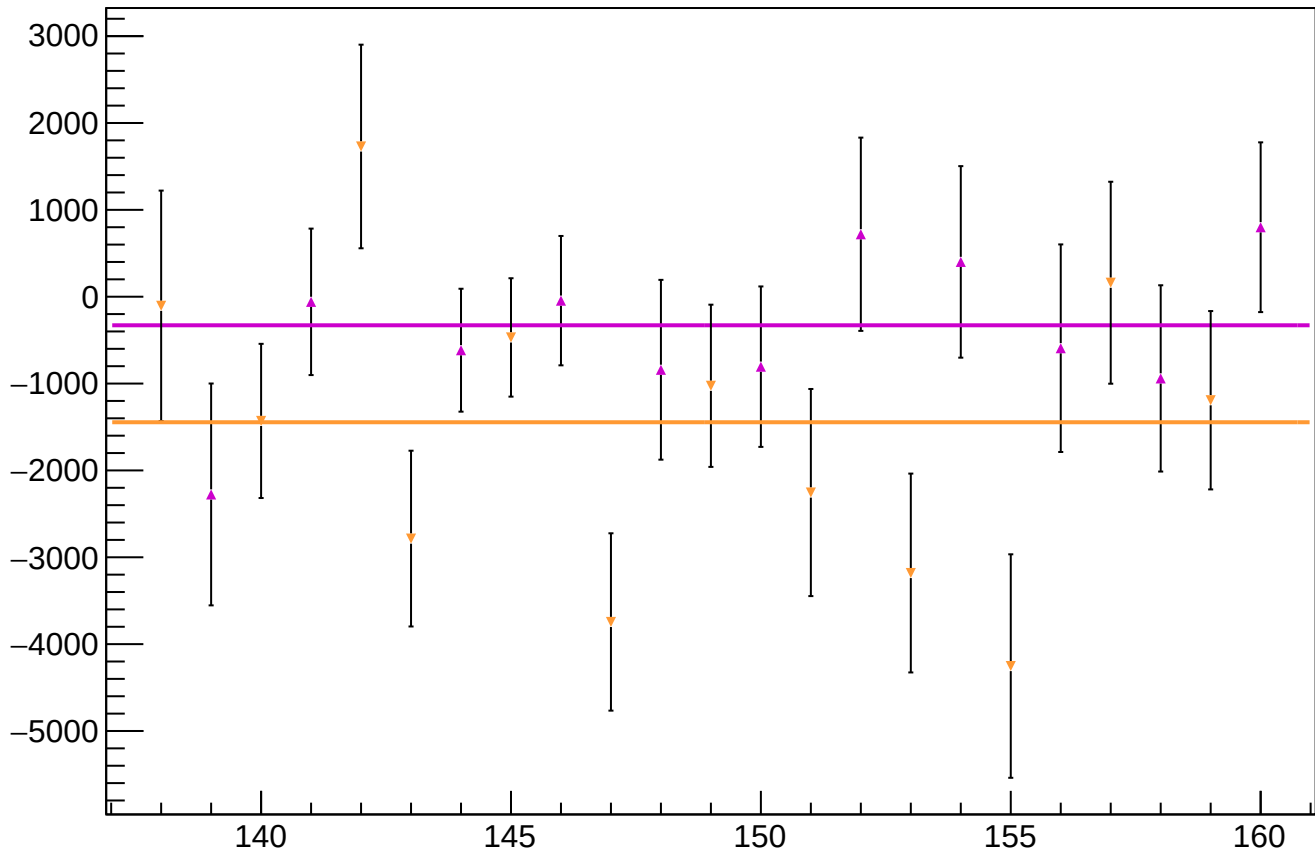
Left In: 111.567+/-0.026 χ^2/NDF : 115012.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.988+/-0.019 χ^2/NDF : 464481.0/22

- 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: -1445.325+/-294.111 χ^2/NDF : 26.9/11

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

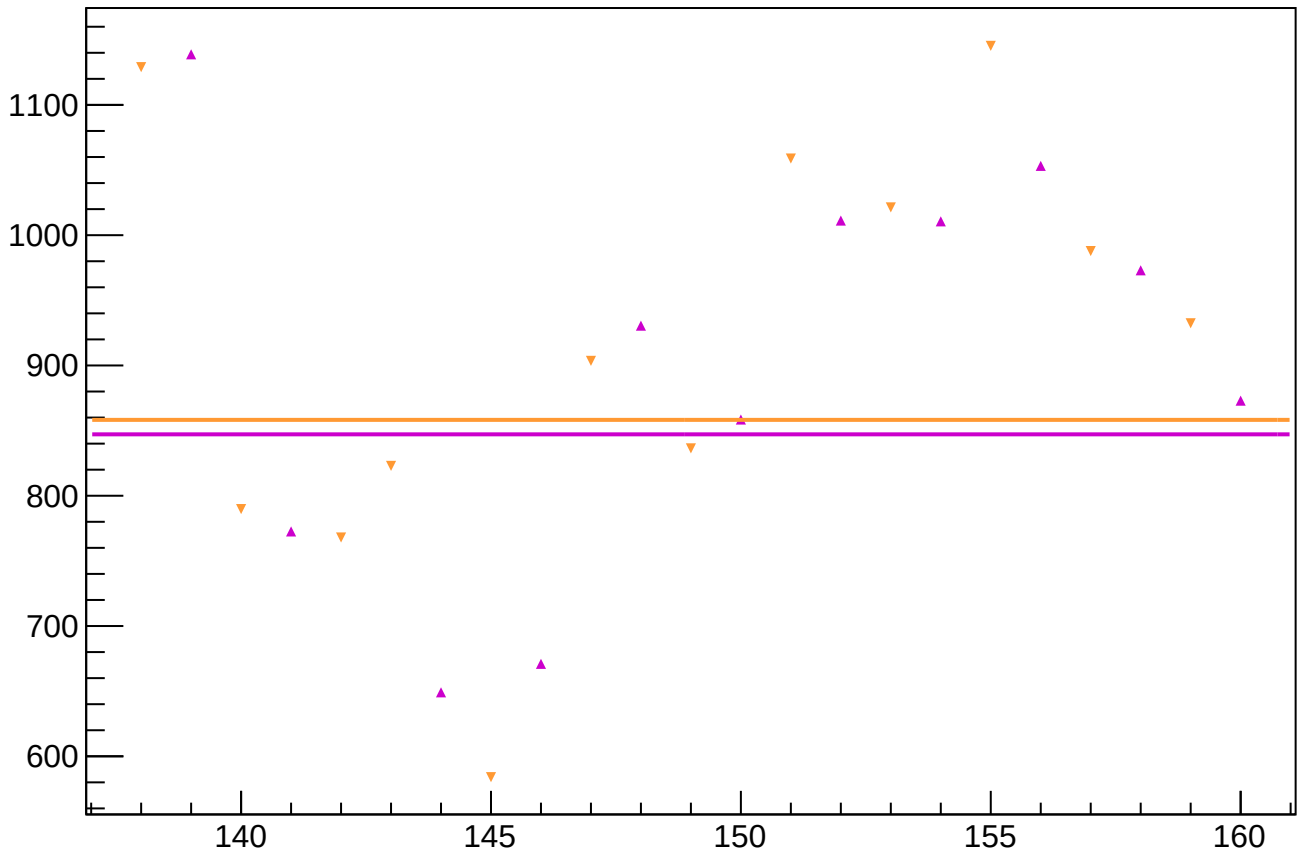
Left In: -329.008+/-286.607 χ^2/NDF : 6.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -872.745+/-205.264 χ^2/NDF : 40.6/22

- 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: 858.240+/-0.208 χ^2/NDF : 670463.6/11

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

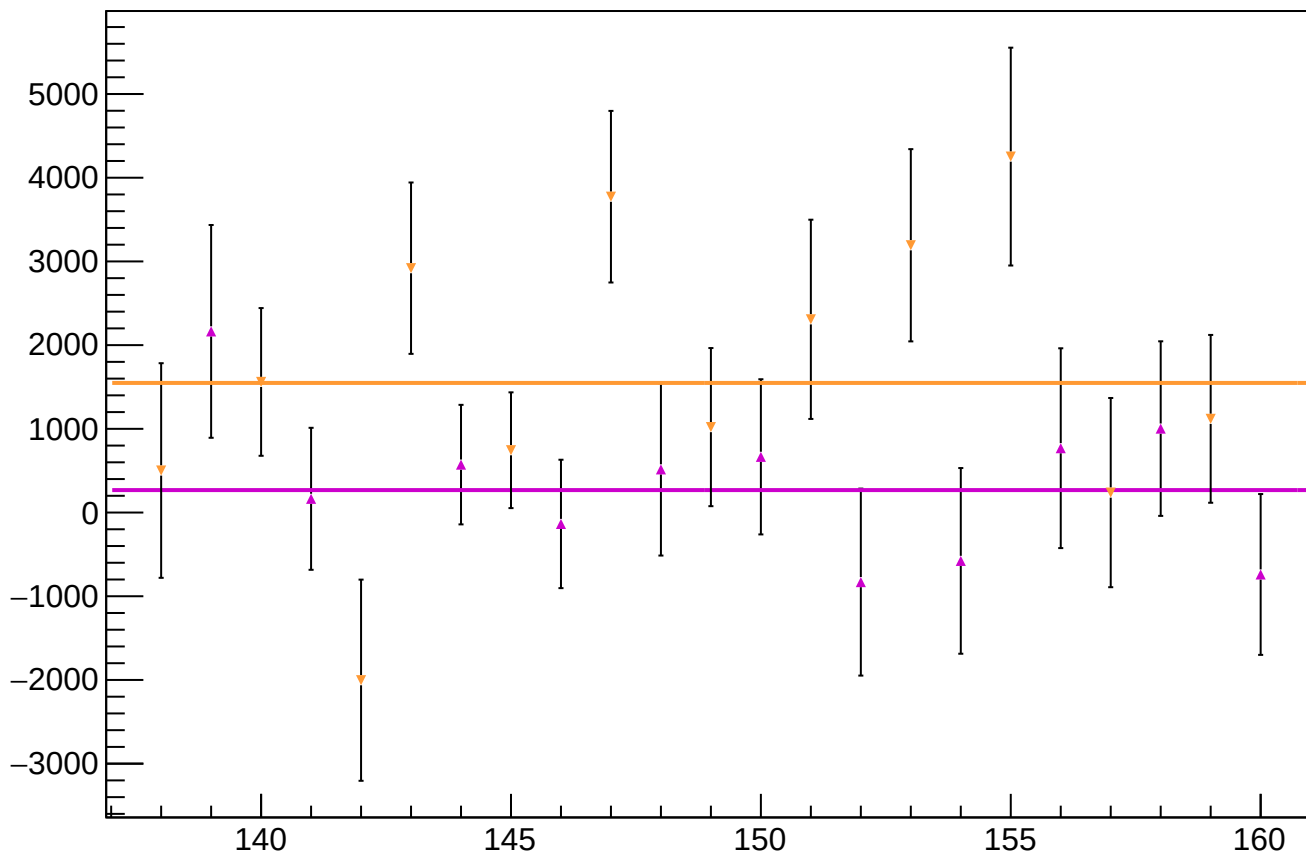
Left In: 847.135+/-0.203 χ^2/NDF : 577758.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 852.544+/-0.145 χ^2/NDF : 1249684.1/22

- 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: 1548.438+/-294.422 χ^2/NDF :25.9/11

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

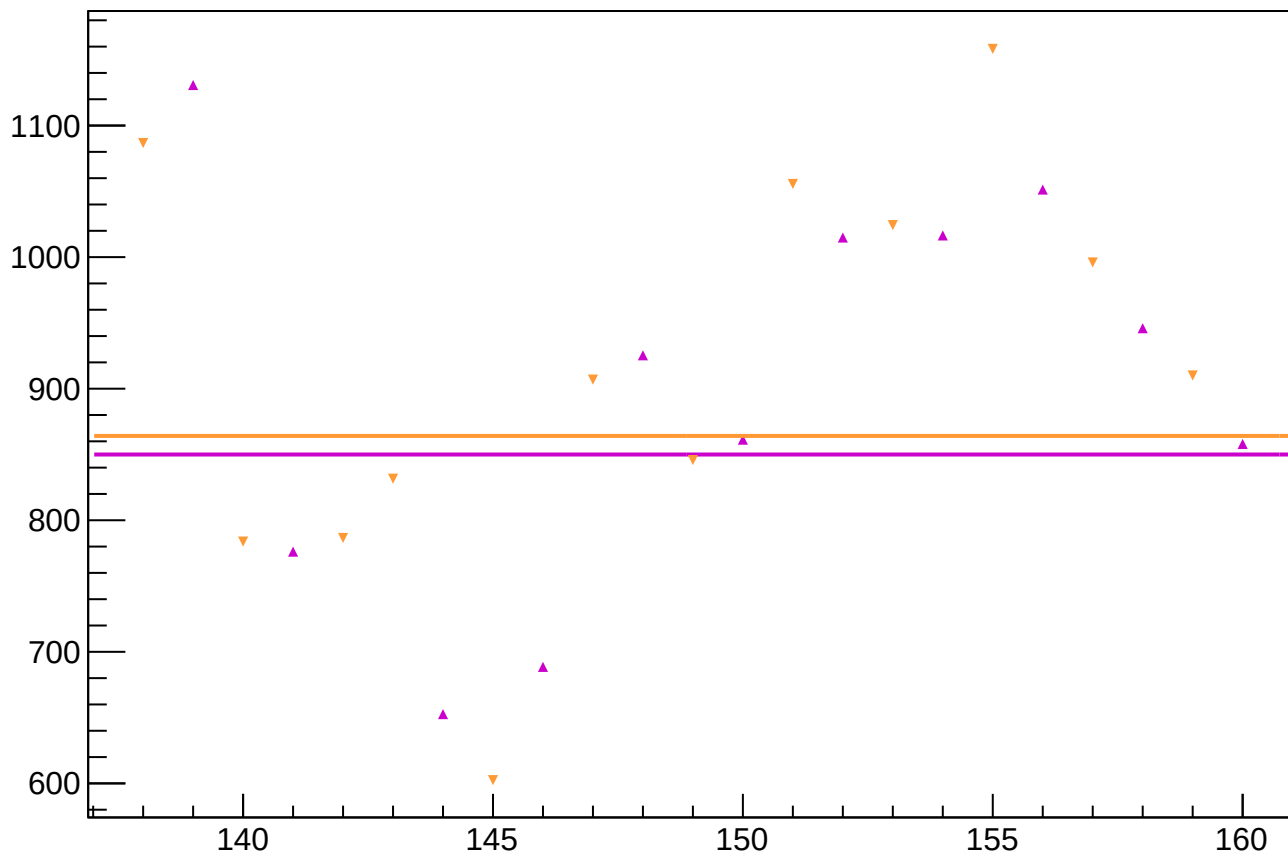
Left In: 268.210+/-287.518 χ^2/NDF :6.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.138+/-205.704 χ^2/NDF : 41.8/22

- 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: 864.098+/-0.208 χ^2/NDF : 602162.0/11

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

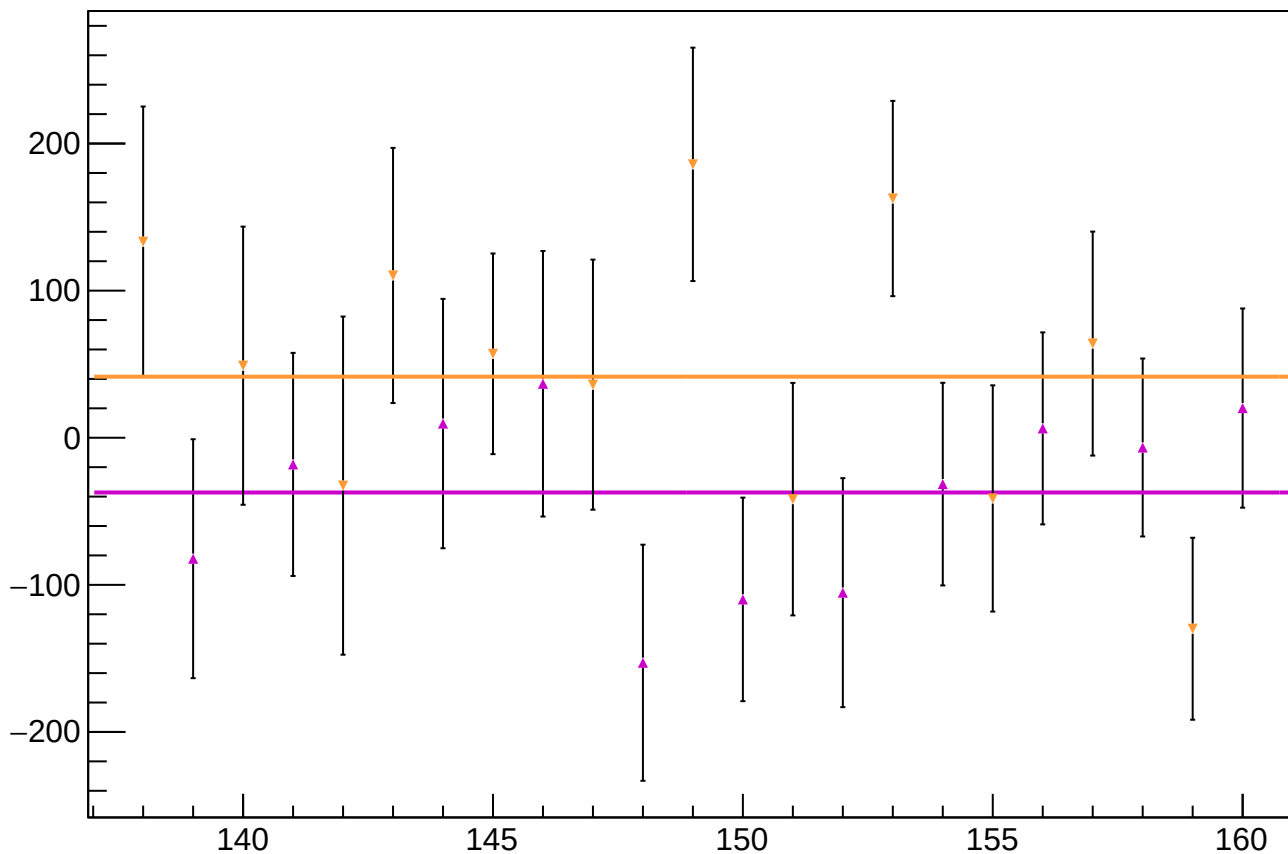
Left In: 849.972+/-0.203 χ^2/NDF : 527801.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.868+/-0.145 χ^2/NDF : 1132319.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 41.516+/-22.696 χ^2/NDF :18.8/11

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

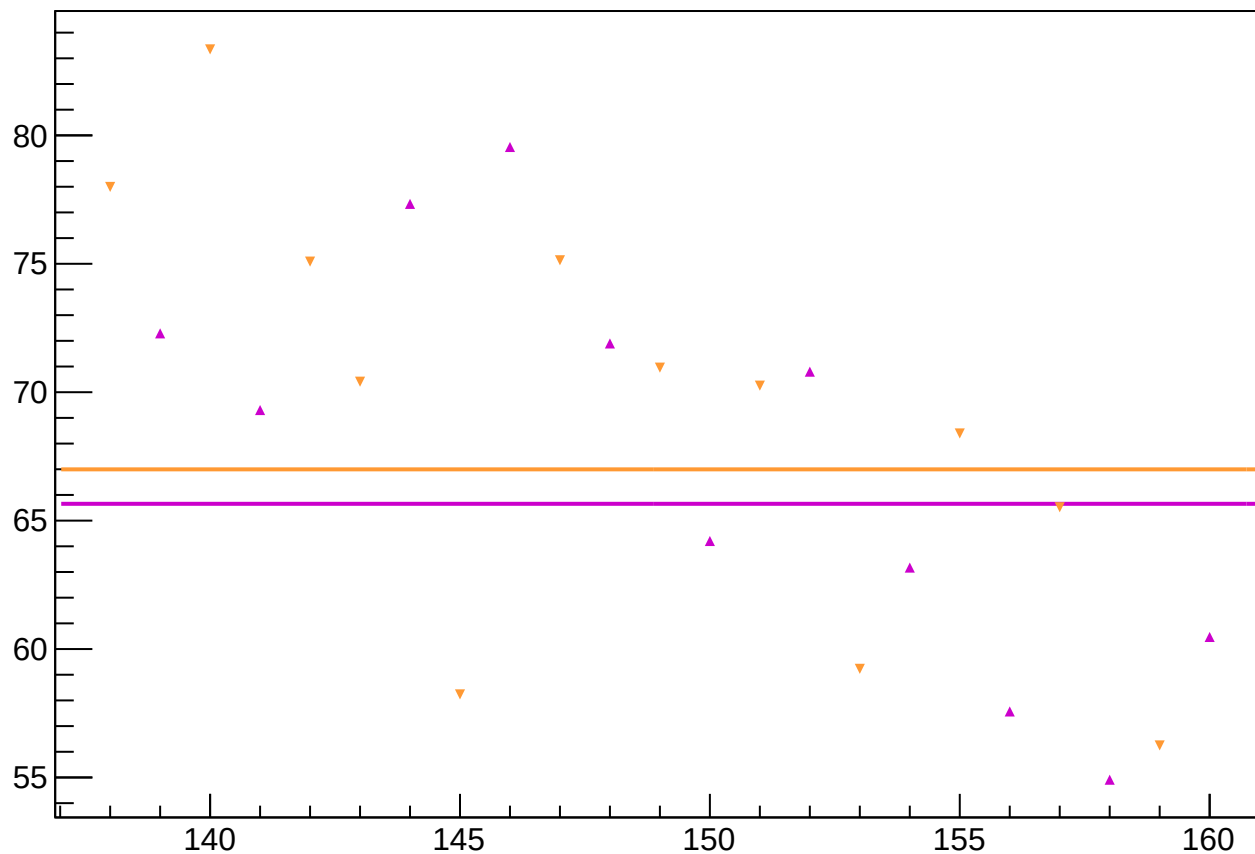
Left In: -37.211+/-22.065 χ^2/NDF :6.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.043+/-15.821 χ^2/NDF : 31.7/22

- sign 0.000+/-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: 66.996 $\pm$ 0.016 χ^2 /NDF:250371.5/11

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

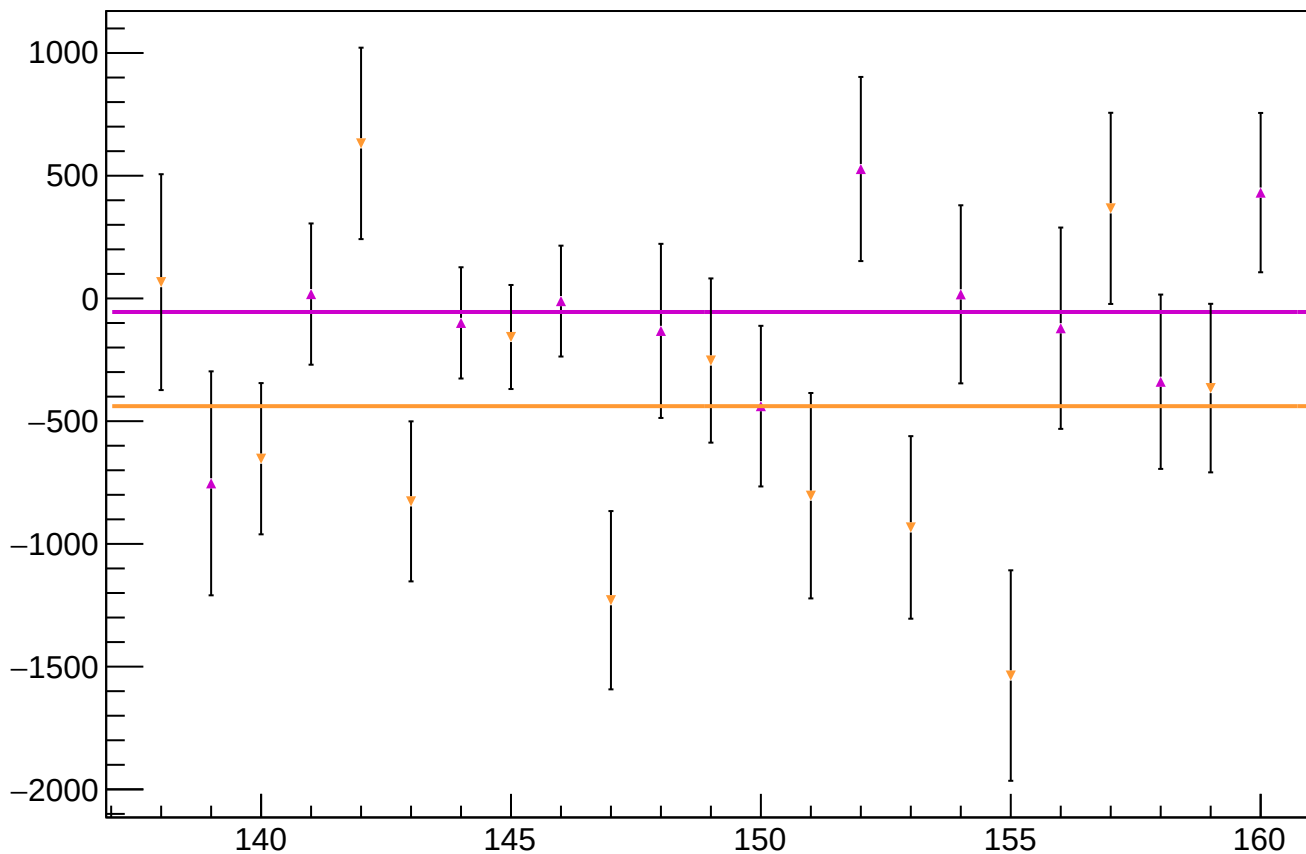
Left In: 65.655 $\pm$ 0.016 χ^2 /NDF:233153.0/10

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

All: 66.307 $\pm$ 0.011 χ^2 /NDF: 487116.2/22

- 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: -438.848 $\pm$ 98.093 χ^2 /NDF:31.0/11

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

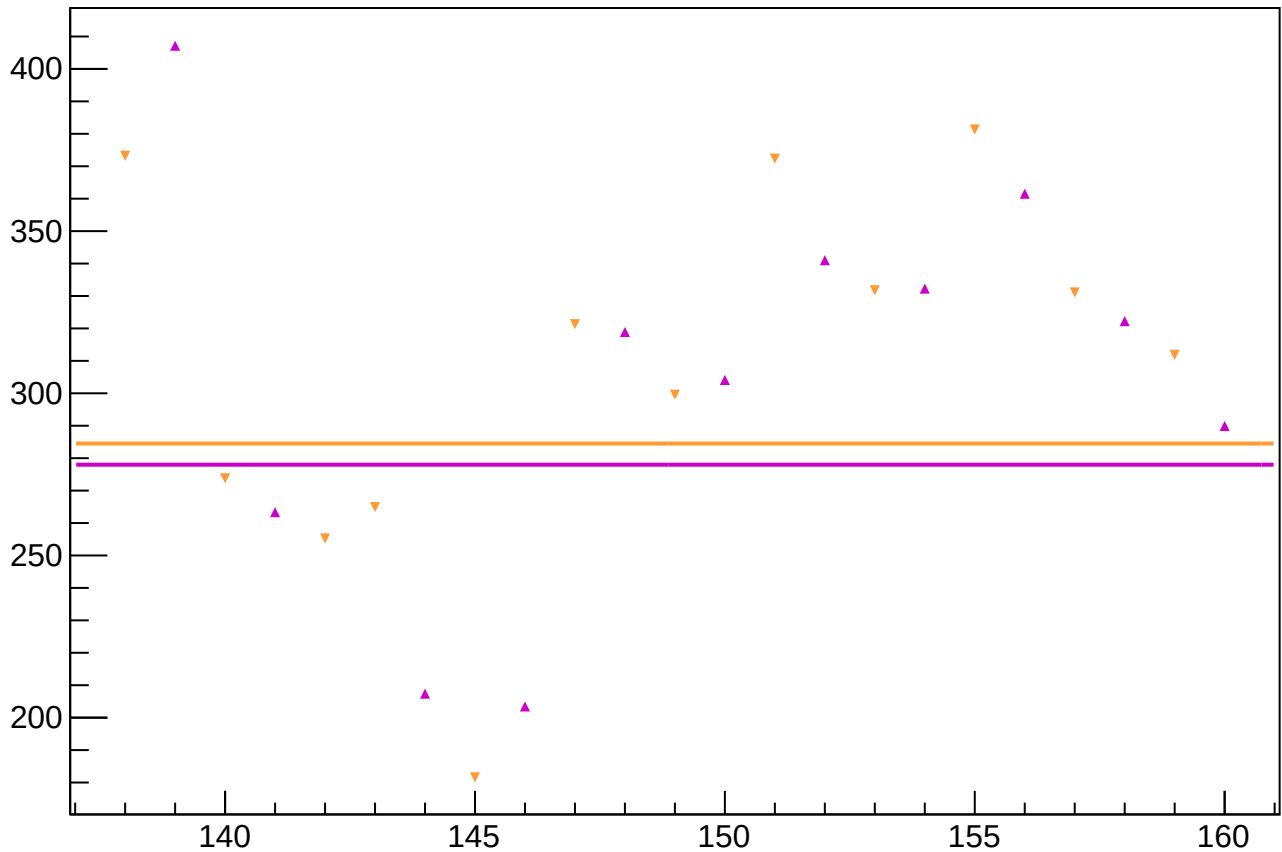
Left In: -55.203 $\pm$ 94.783 χ^2 /NDF:9.3/10

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

All: -240.443 $\pm$ 68.162 χ^2 /NDF: 48.2/22

- 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: 284.522+/-0.069 χ^2/NDF : 862024.4/11

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

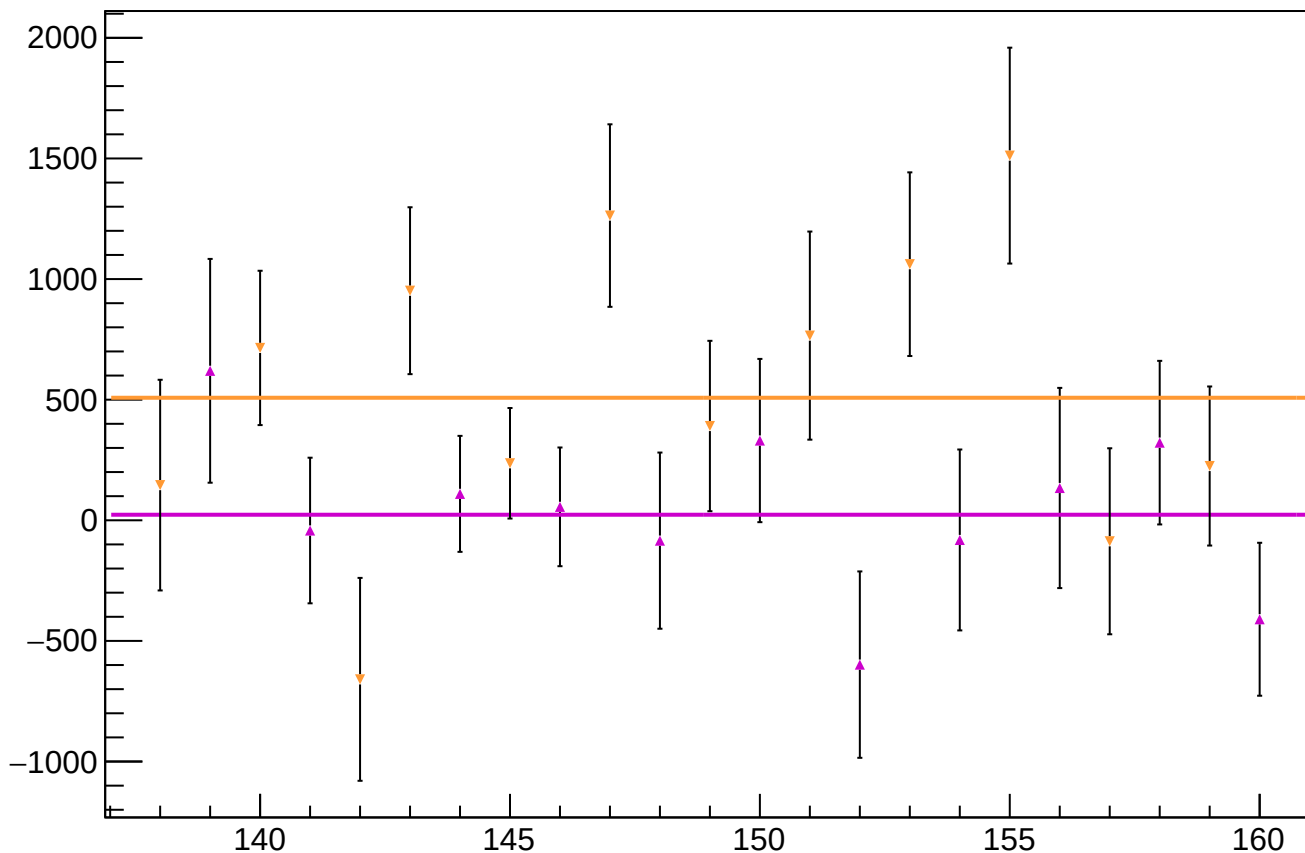
Left In: 277.986+/-0.067 χ^2/NDF : 834593.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.142+/-0.048 χ^2/NDF : 1701210.3/22

- 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: 508.015+/-101.912 χ^2/NDF : 26.6/11

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

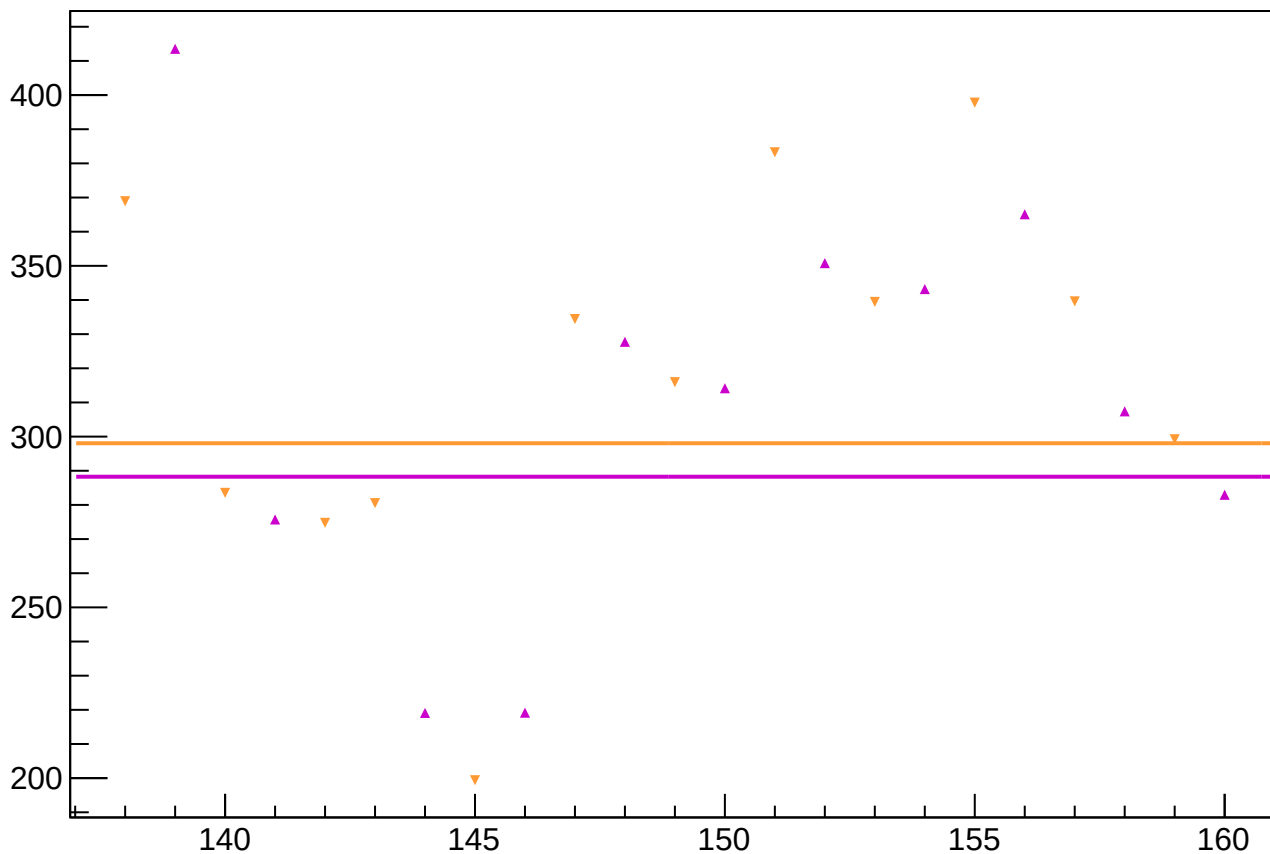
Left In: 23.055+/-98.085 χ^2/NDF : 8.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.257+/-70.671 χ^2/NDF : 46.5/22

- 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: 298.057+/-0.072 χ^2/NDF : 686917.1/11

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

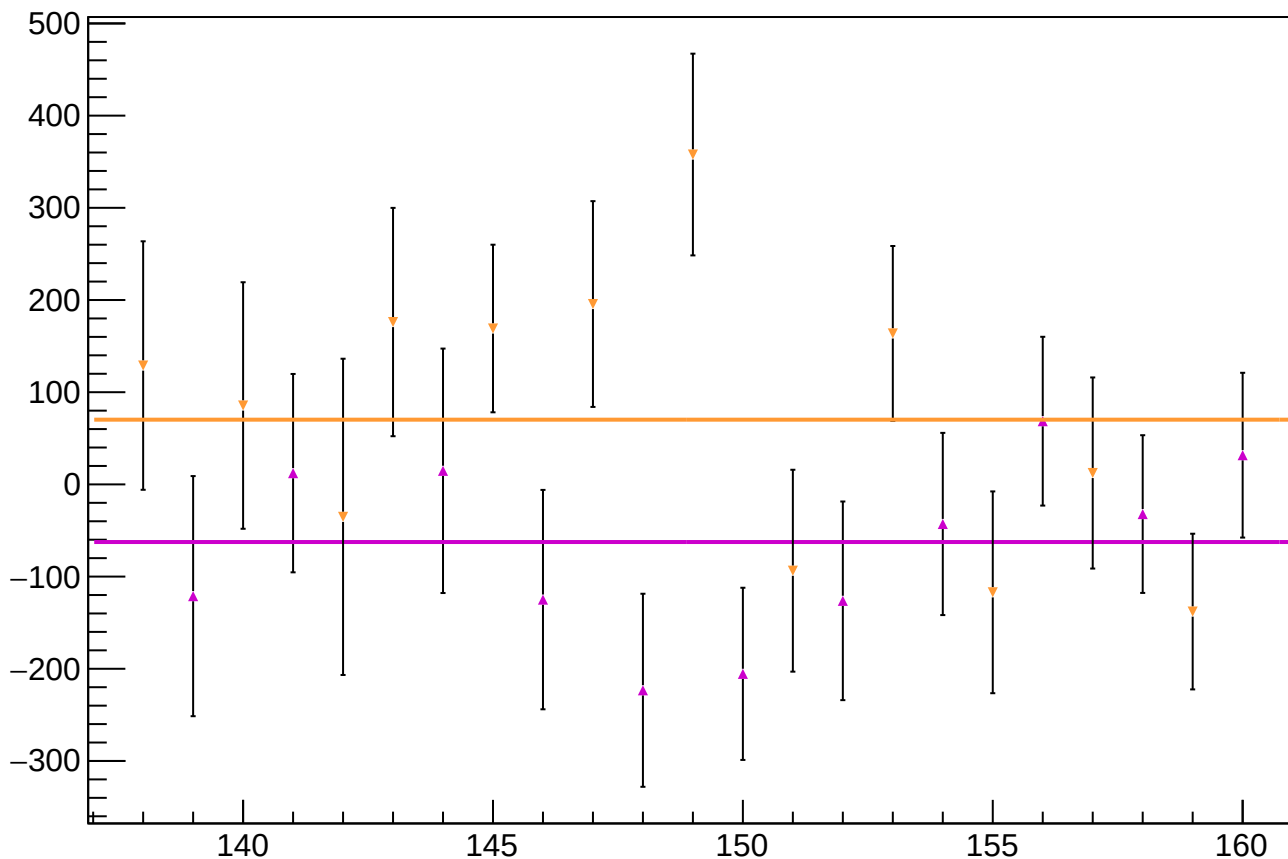
Left In: 288.254+/-0.069 χ^2/NDF : 678522.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.968+/-0.050 χ^2/NDF : 1375046.0/22

- 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: 70.204+/-31.521 χ^2/NDF : 23.2/11

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

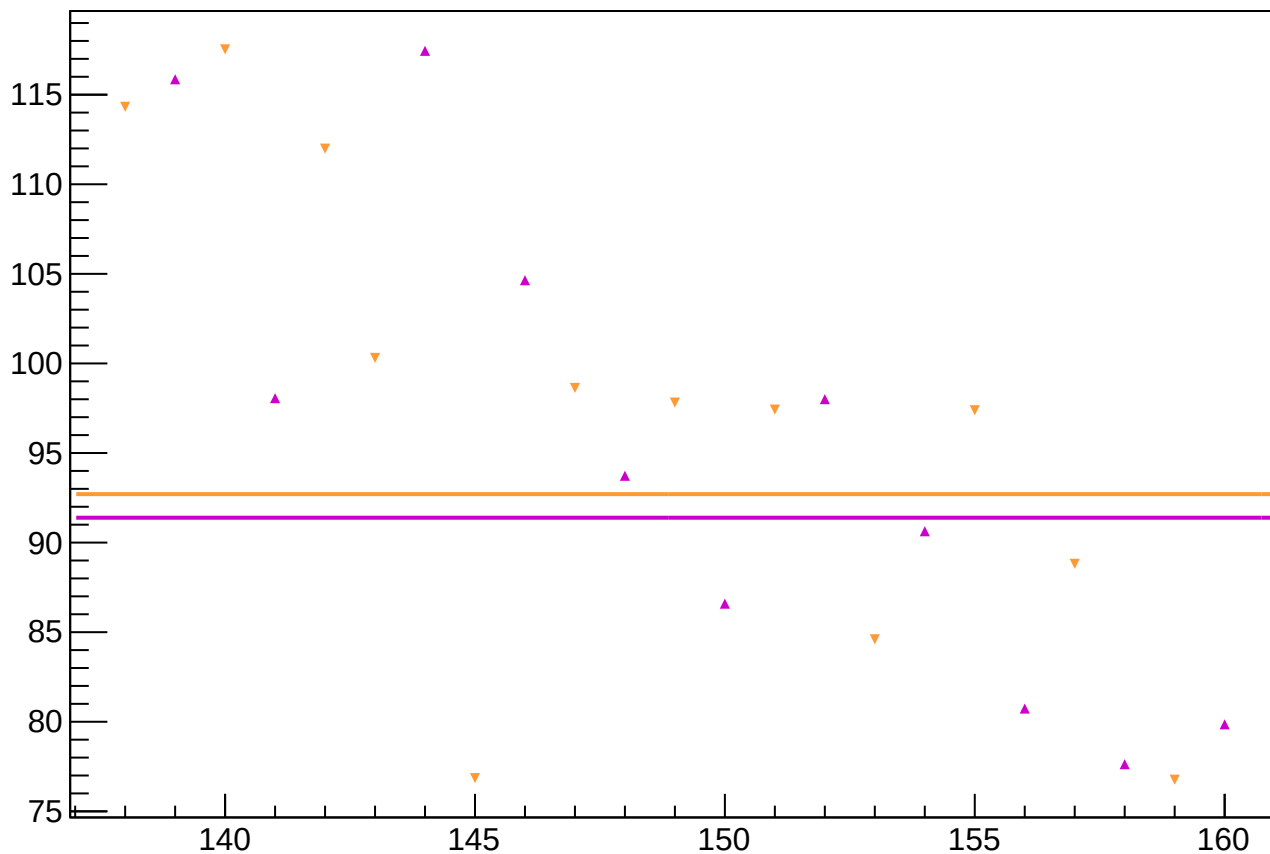
Left In: -62.512+/-30.882 χ^2/NDF : 9.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.488+/-22.059 χ^2/NDF : 41.9/22

- 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: 92.704+/-0.022 χ^2/NDF : 320154.5/11

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

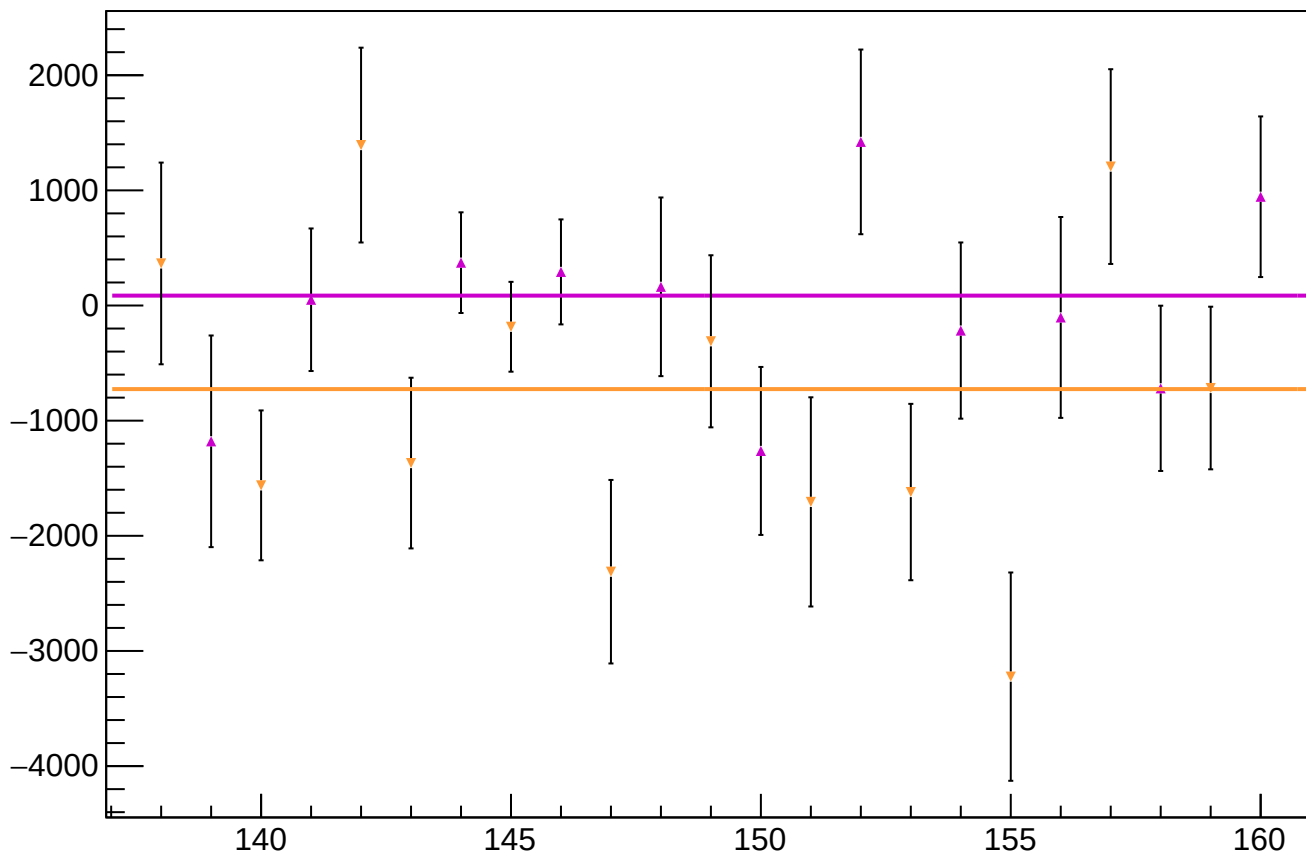
Left In: 91.389+/-0.022 χ^2/NDF : 306463.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.033+/-0.016 χ^2/NDF : 628394.8/22

- 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: -725.887+/-202.606 χ^2/NDF :31.8/11

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

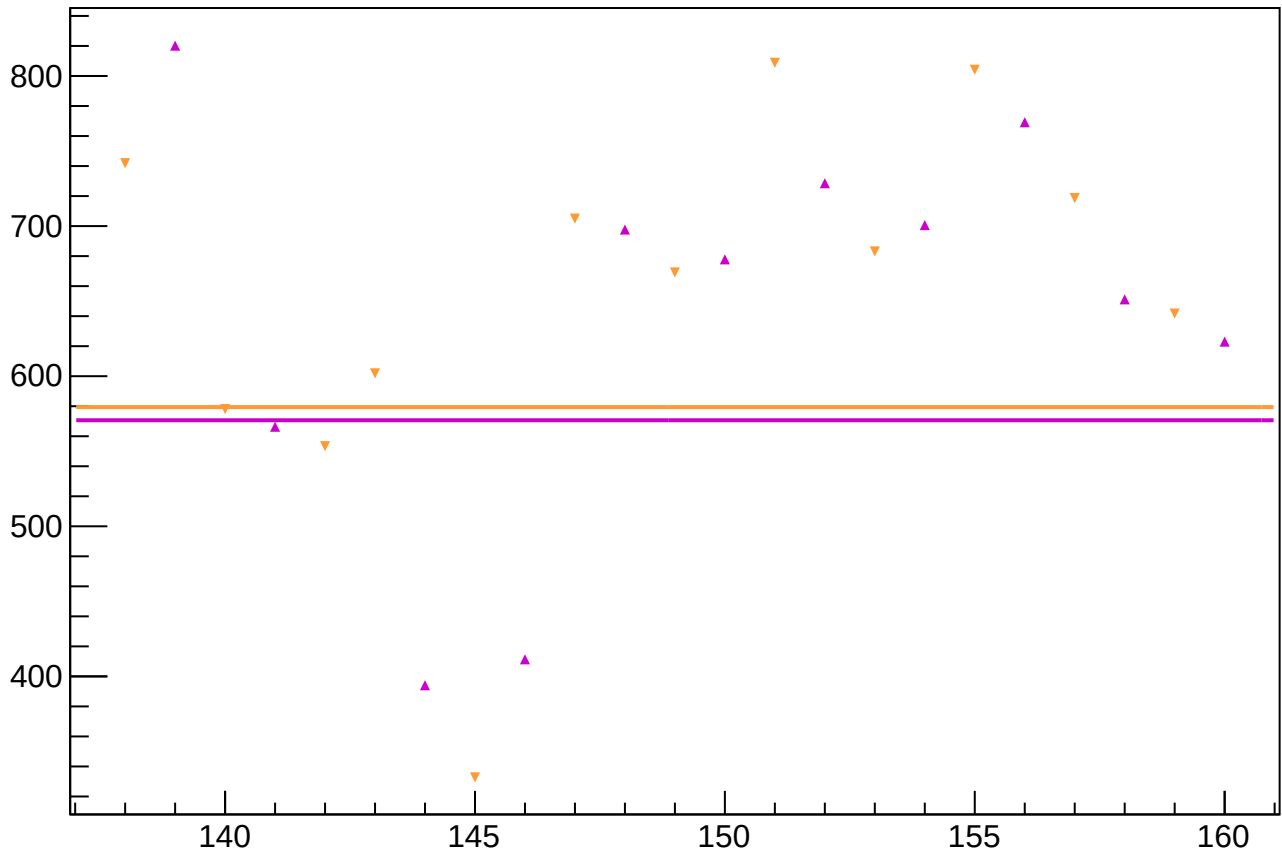
Left In: 85.889+/-196.300 χ^2/NDF :11.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -307.171+/-140.982 χ^2/NDF : 51.8/22

- 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: 579.401+/-0.143 χ^2/NDF :1308202.4/11

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

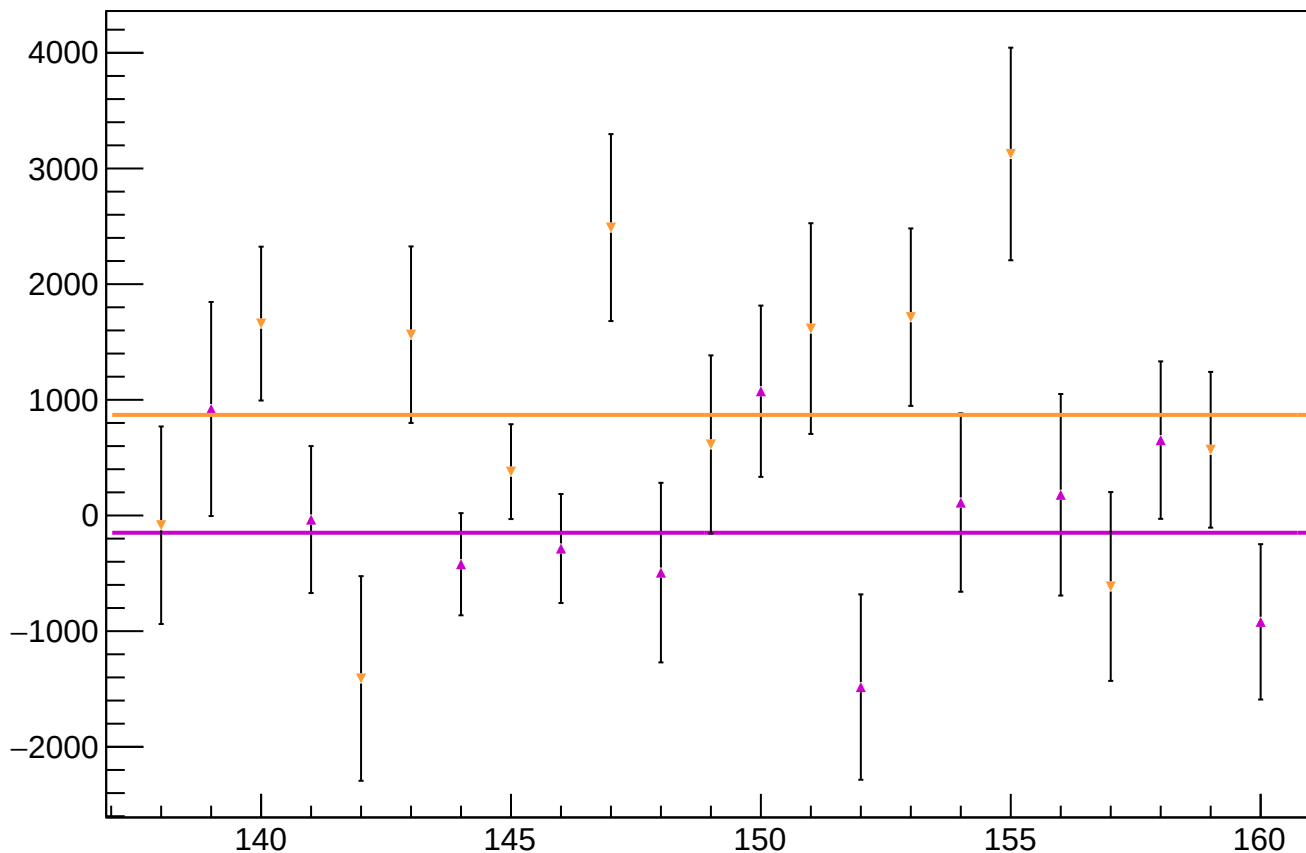
Left In: 570.647+/-0.139 χ^2/NDF :1089977.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.886+/-0.100 χ^2/NDF : 2400105.7/22

- 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: 869.766+/-205.901 χ^2/NDF : 27.1/11

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

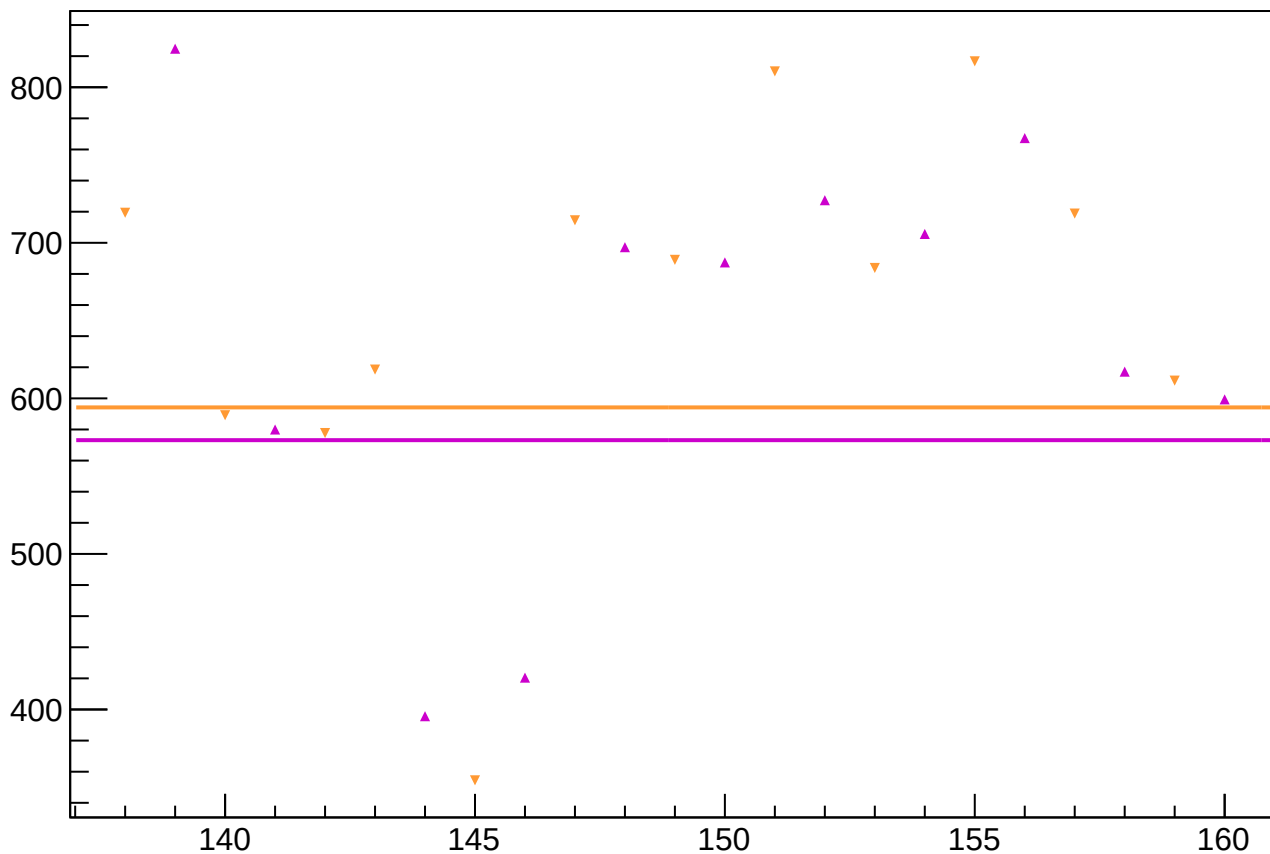
Left In: -149.274+/-197.287 χ^2/NDF : 10.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.485+/-142.451 χ^2/NDF : 50.3/22

- 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: 594.189+/-0.146 χ^2/NDF :1109100.5/11

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

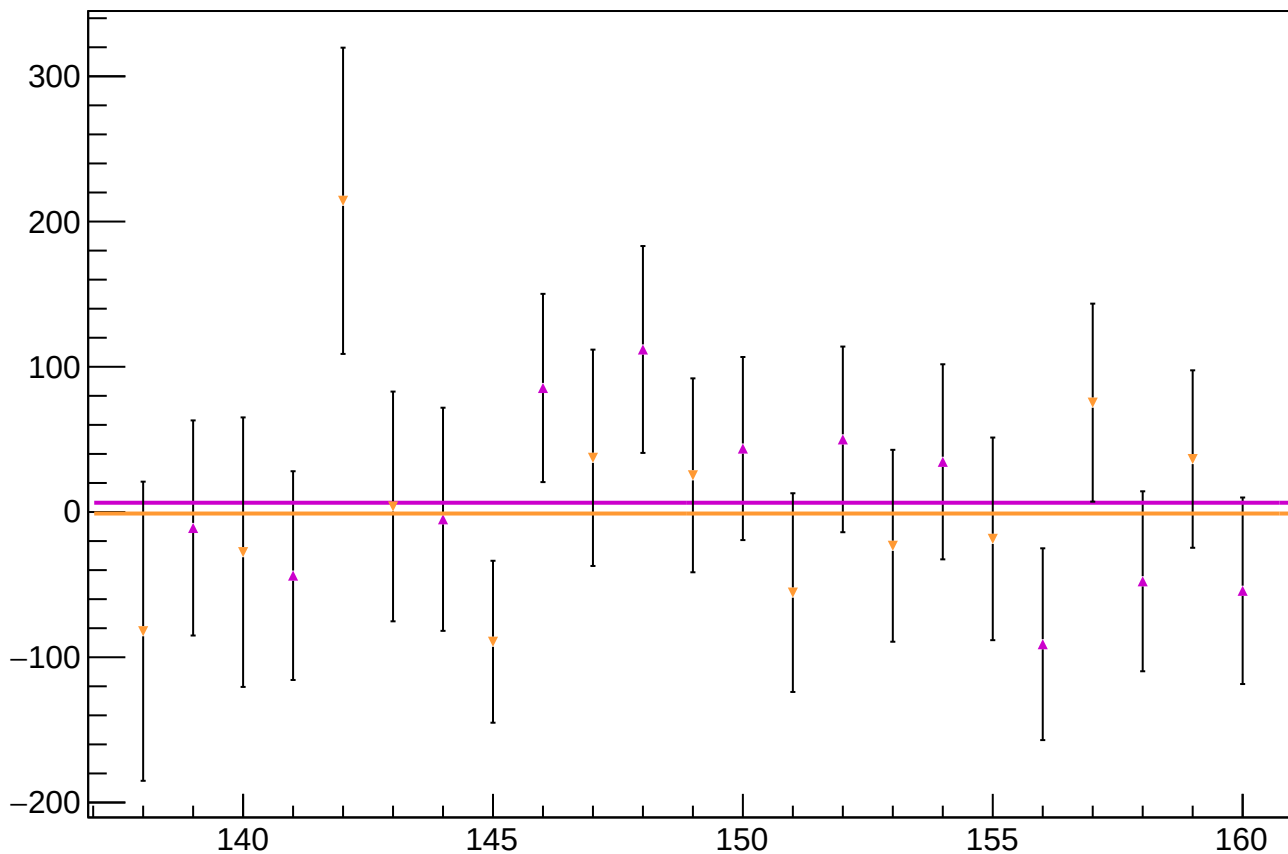
Left In: 573.132+/-0.140 χ^2/NDF :1023675.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.211+/-0.101 χ^2/NDF : 2143681.8/22

- 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: -1.036 $\pm$ 20.770 χ^2 /NDF:10.2/11

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

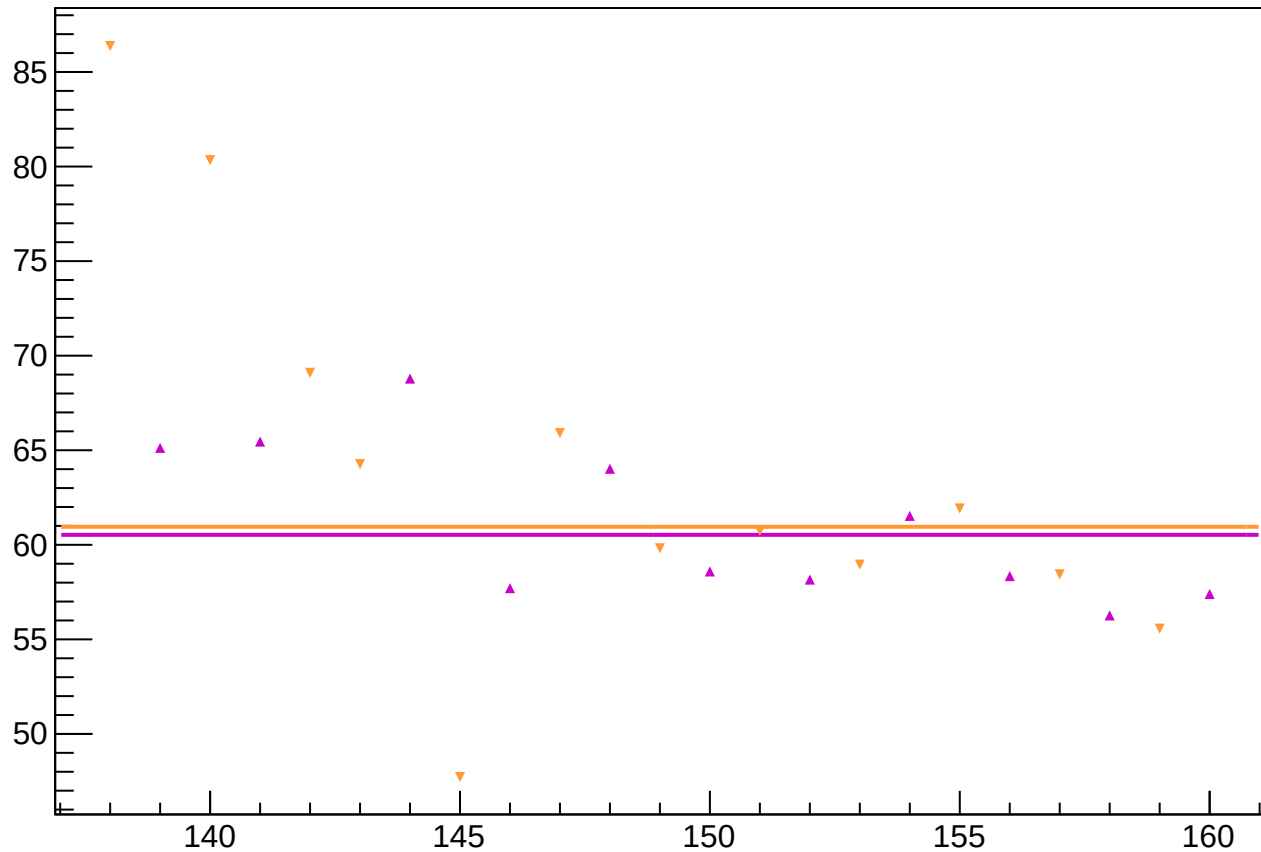
Left In: 6.390 $\pm$ 20.281 χ^2 /NDF:9.1/10

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

All: 2.766 $\pm$ 14.511 χ^2 /NDF: 19.4/22

- 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: 60.954+/-0.015 χ^2/NDF : 367203.6/11

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

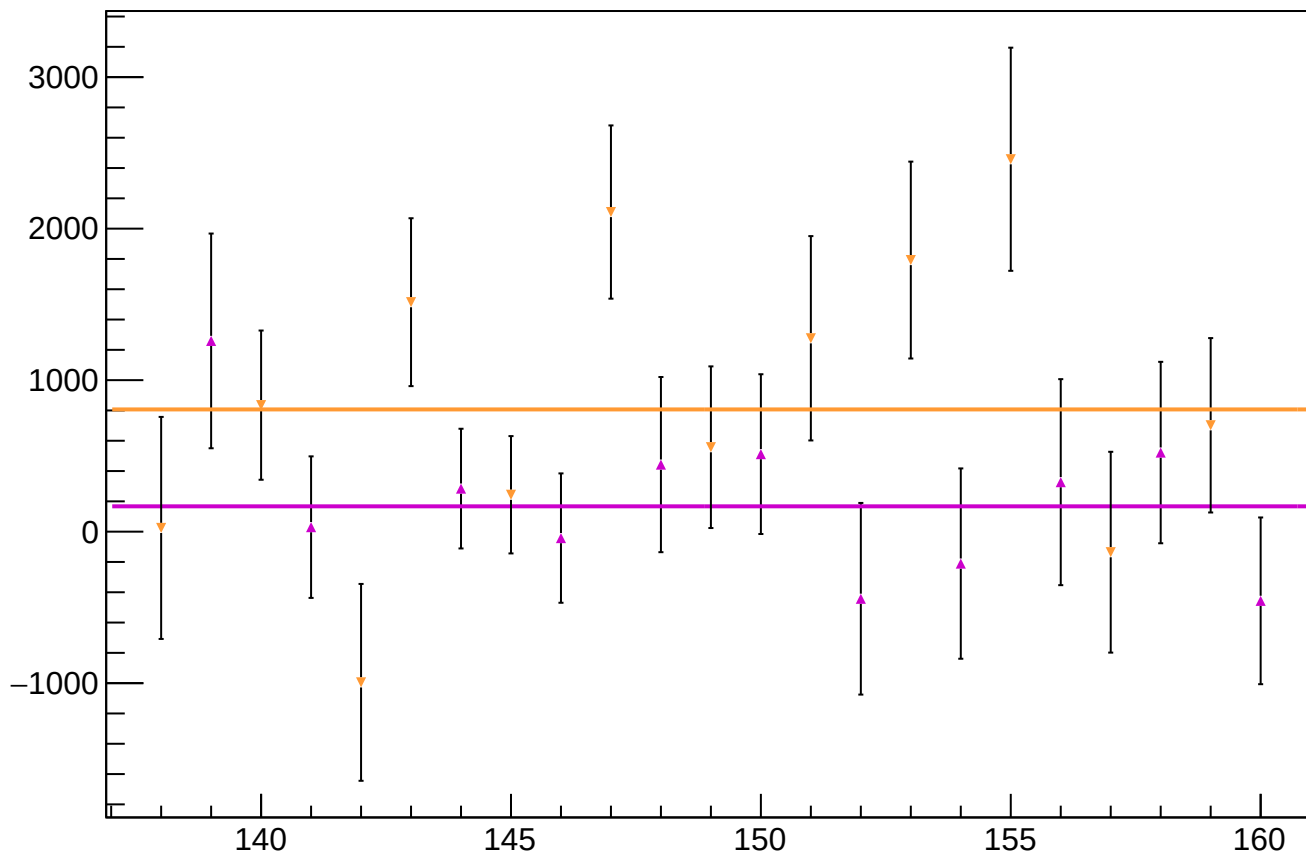
Left In: 60.527+/-0.014 χ^2/NDF : 70311.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.735+/-0.010 χ^2/NDF : 437945.8/22

- 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: 806.755+/-165.378 χ^2/NDF : 27.9/11

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

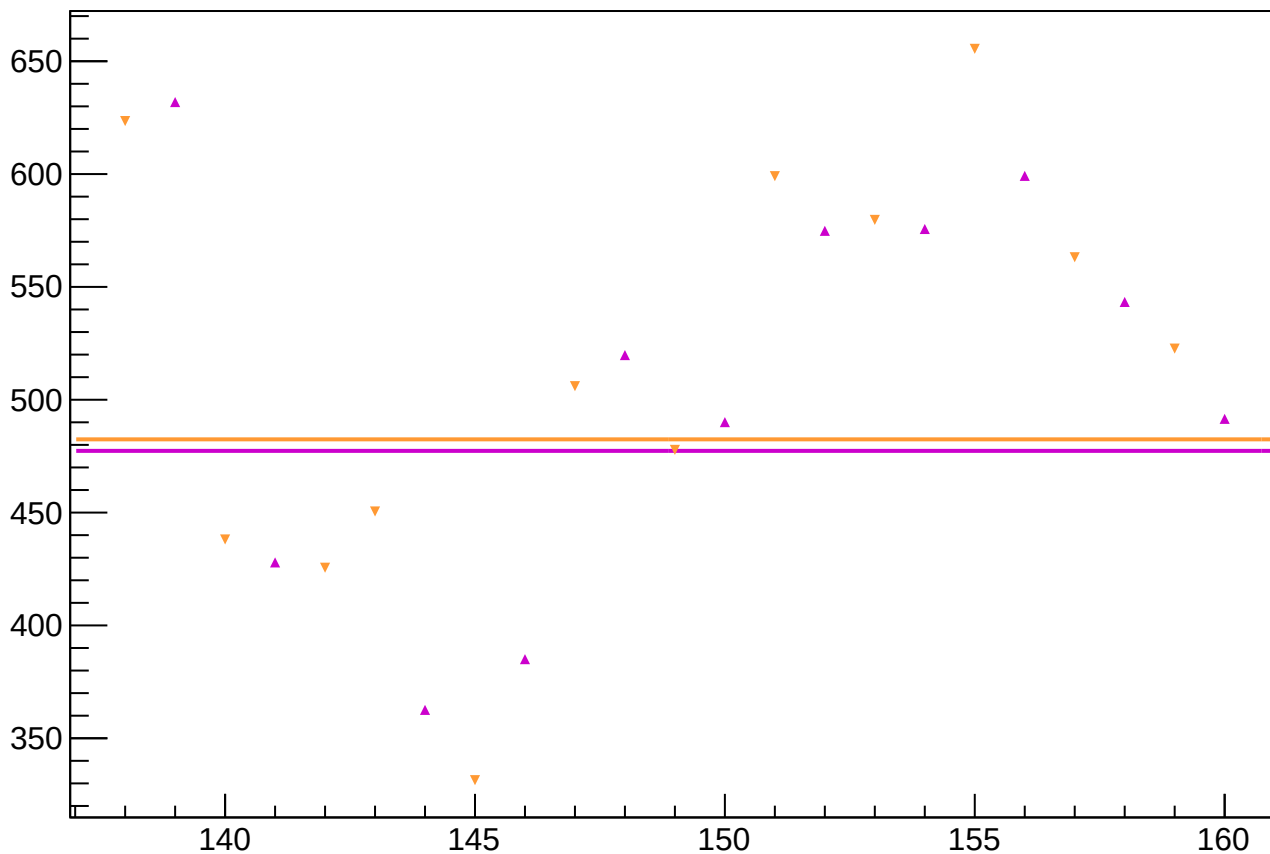
Left In: 167.168+/-161.482 χ^2/NDF : 6.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.338+/-115.538 χ^2/NDF : 41.9/22

- 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: 482.451+/-0.117 χ^2/NDF : 674561.3/11

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

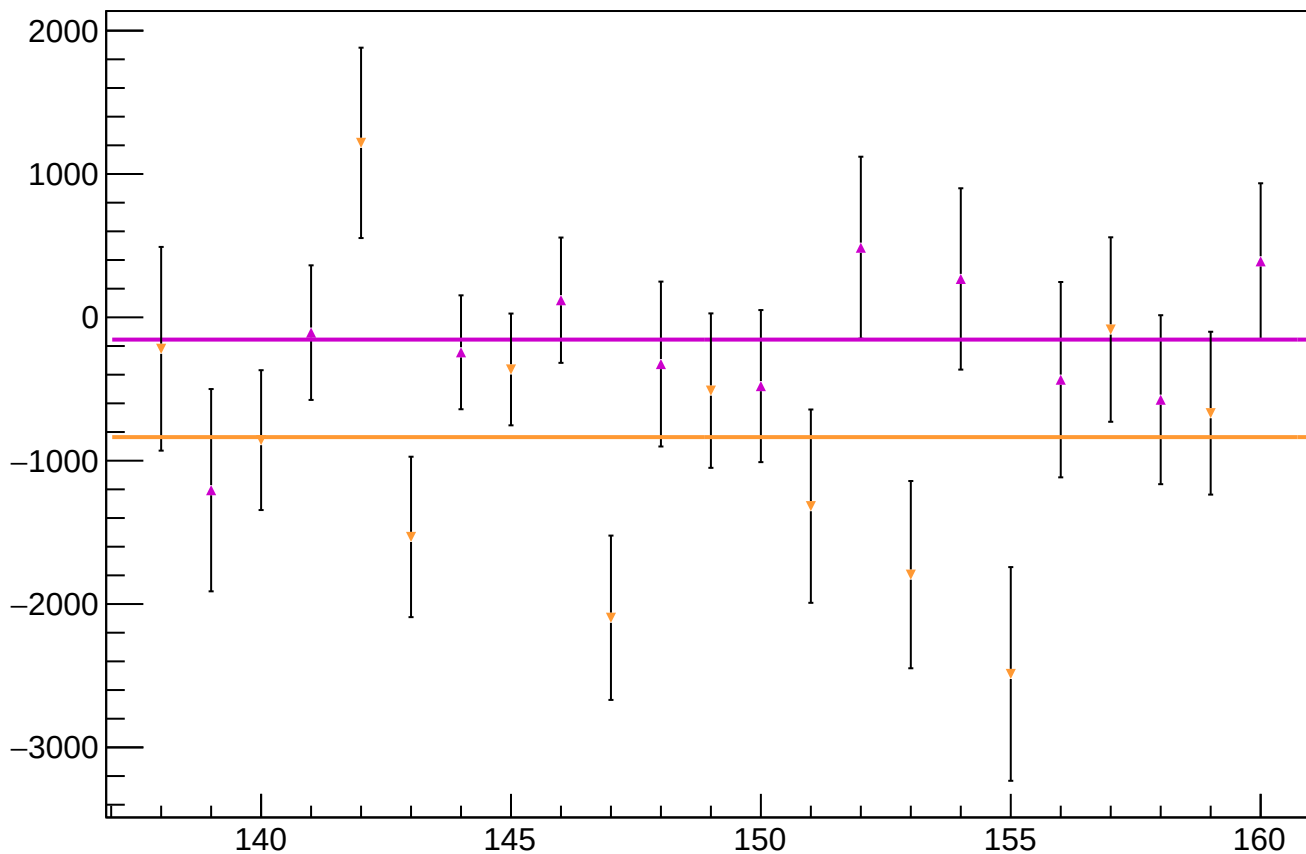
Left In: 477.345+/-0.114 χ^2/NDF : 578185.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.837+/-0.082 χ^2/NDF : 1253722.7/22

- 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: -835.561+/-165.366 χ^2/NDF : 27.5/11

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

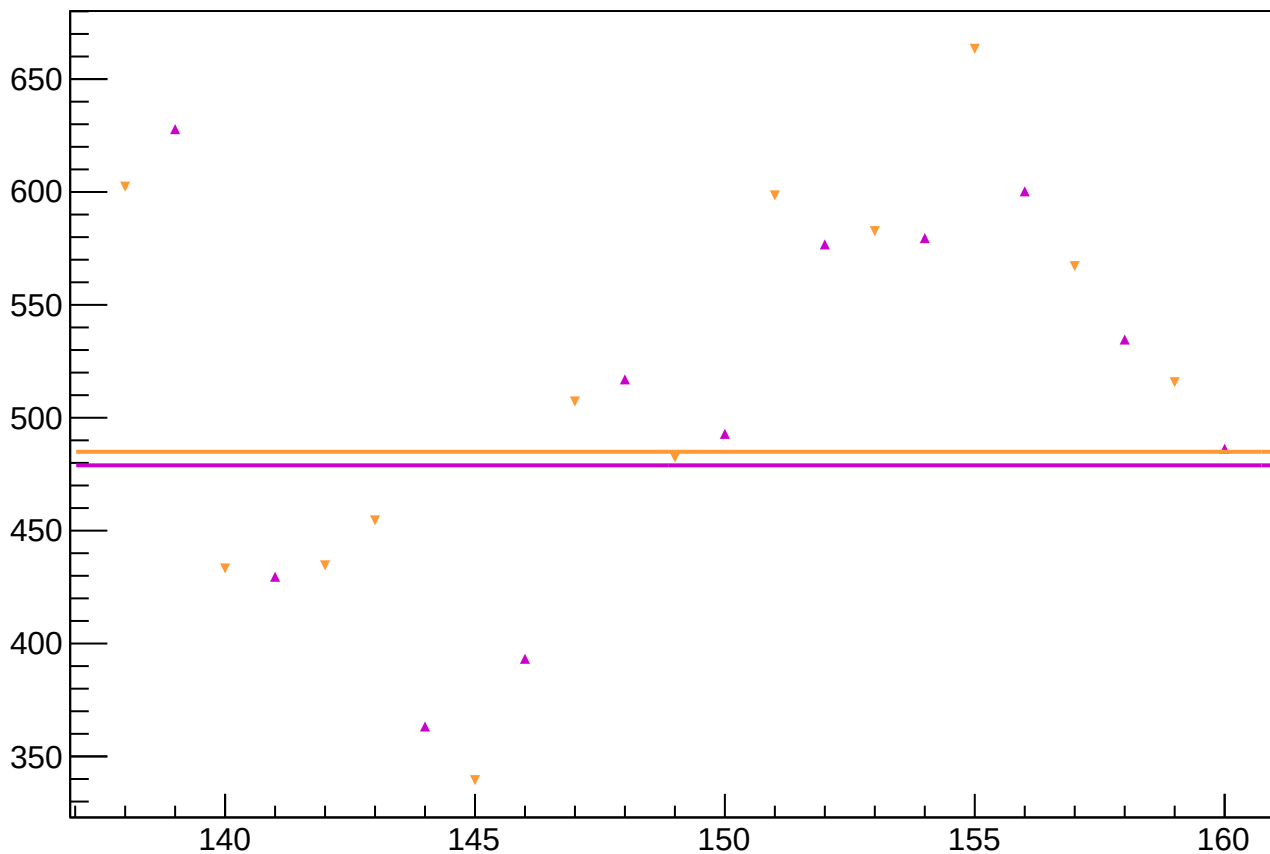
Left In: -155.212+/-162.056 χ^2/NDF : 6.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -488.510+/-115.744 χ^2/NDF : 42.5/22

- 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: 484.935+/-0.117 χ^2/NDF : 630477.8/11

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

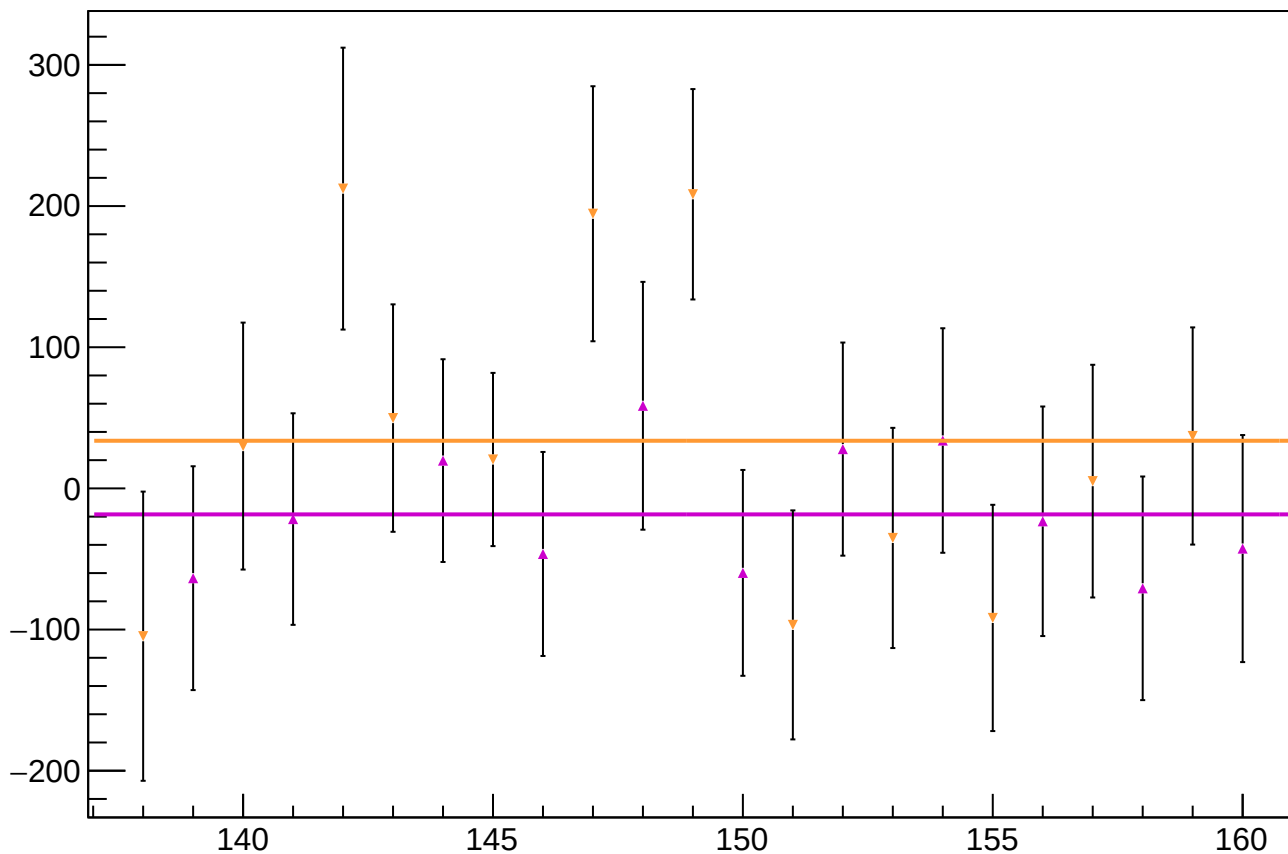
Left In: 478.923+/-0.115 χ^2/NDF : 547503.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.868+/-0.082 χ^2/NDF : 1179329.5/22

- 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: 33.748+/-23.333 χ^2/NDF :19.7/11

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

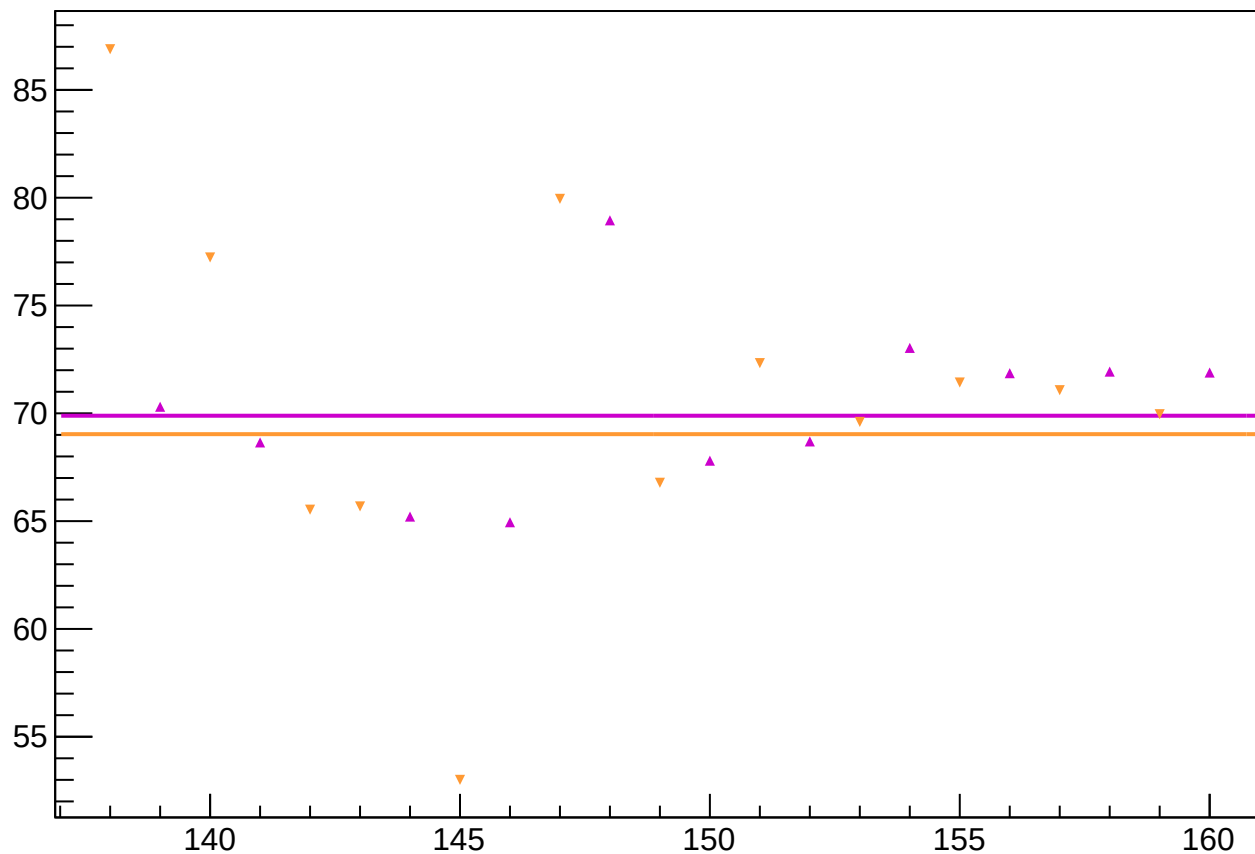
Left In: -18.414+/-23.317 χ^2/NDF :3.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.649+/-16.493 χ^2/NDF : 25.4/22

- 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: 69.034+/-0.016 χ^2/NDF : 258553.4/11

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

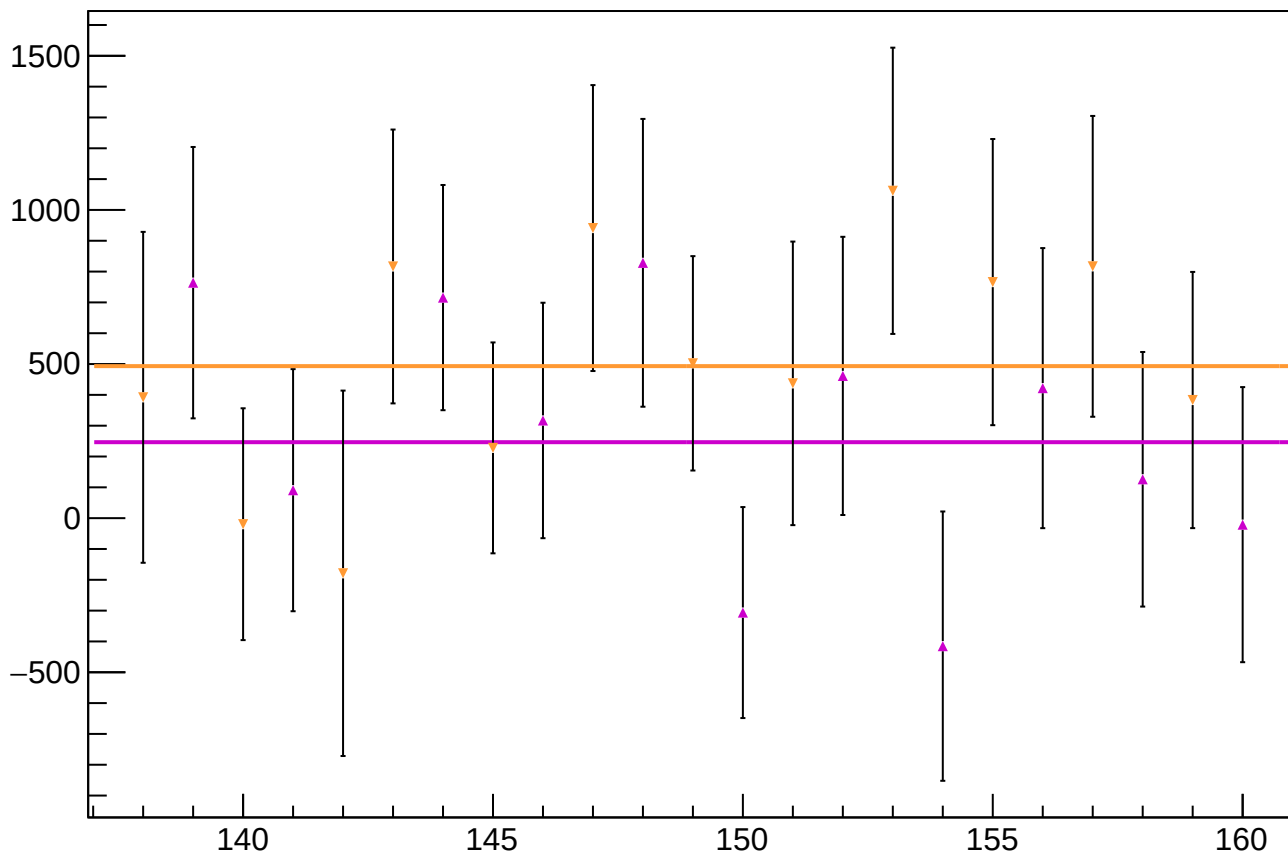
Left In: 69.889+/-0.016 χ^2/NDF : 48767.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.462+/-0.012 χ^2/NDF : 308664.7/22

- 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: 493.247+/-125.089 χ^2/NDF : 7.6/11

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

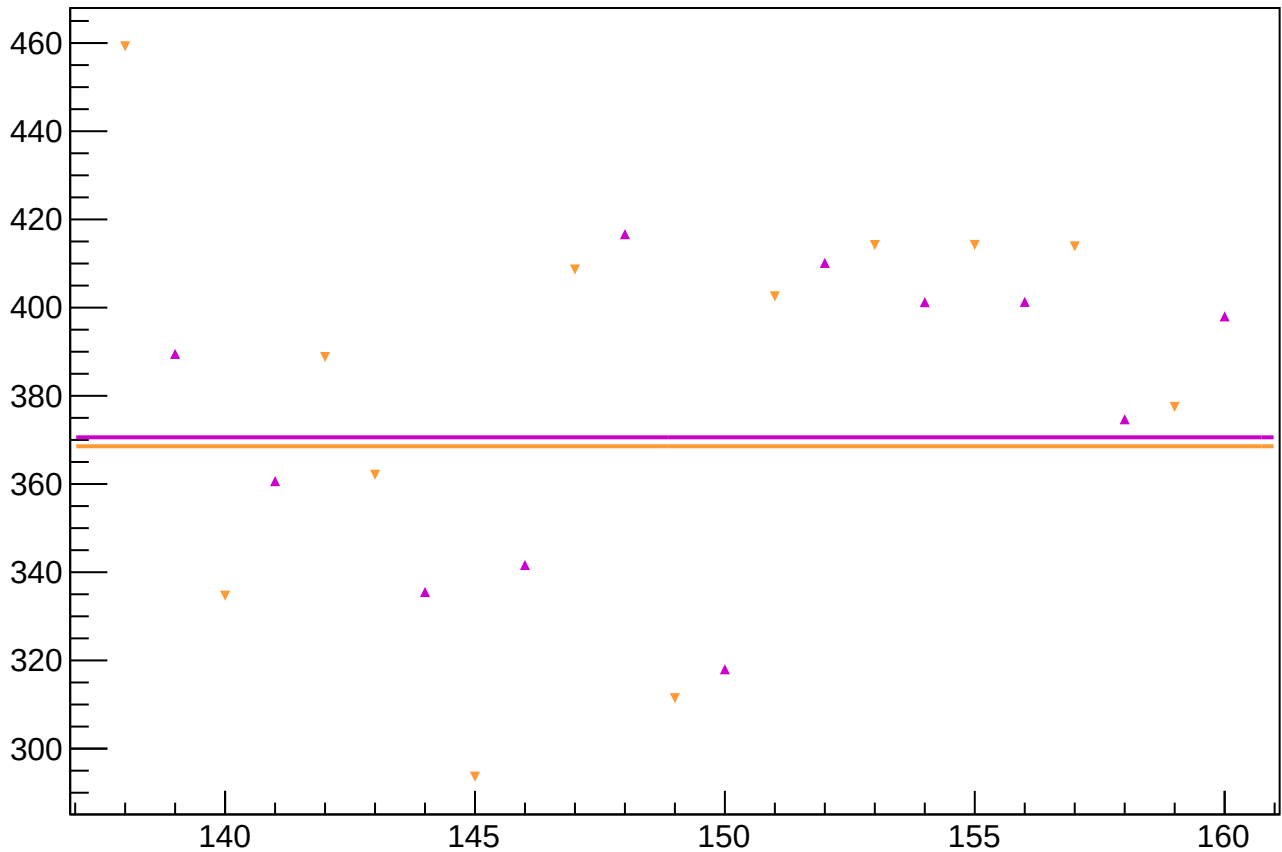
Left In: 246.482+/-124.042 χ^2/NDF : 10.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.827+/-88.079 χ^2/NDF : 20.1/22

- 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: 368.558+/-0.088 χ^2/NDF : 308669.5/11

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

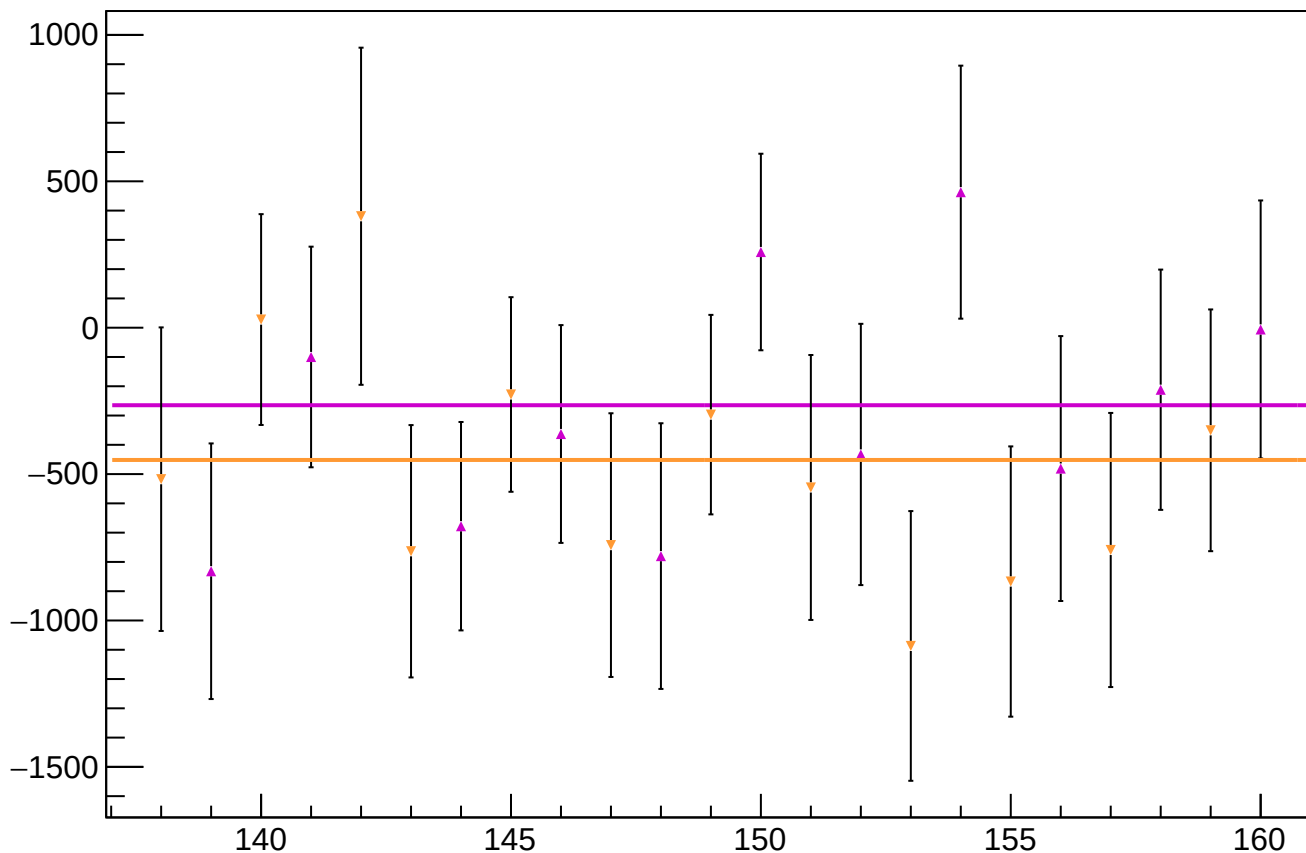
Left In: 370.590+/-0.088 χ^2/NDF : 143698.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.582+/-0.062 χ^2/NDF : 452633.6/22

- 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: -451.729+/-122.024 χ^2/NDF : 8.7/11

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

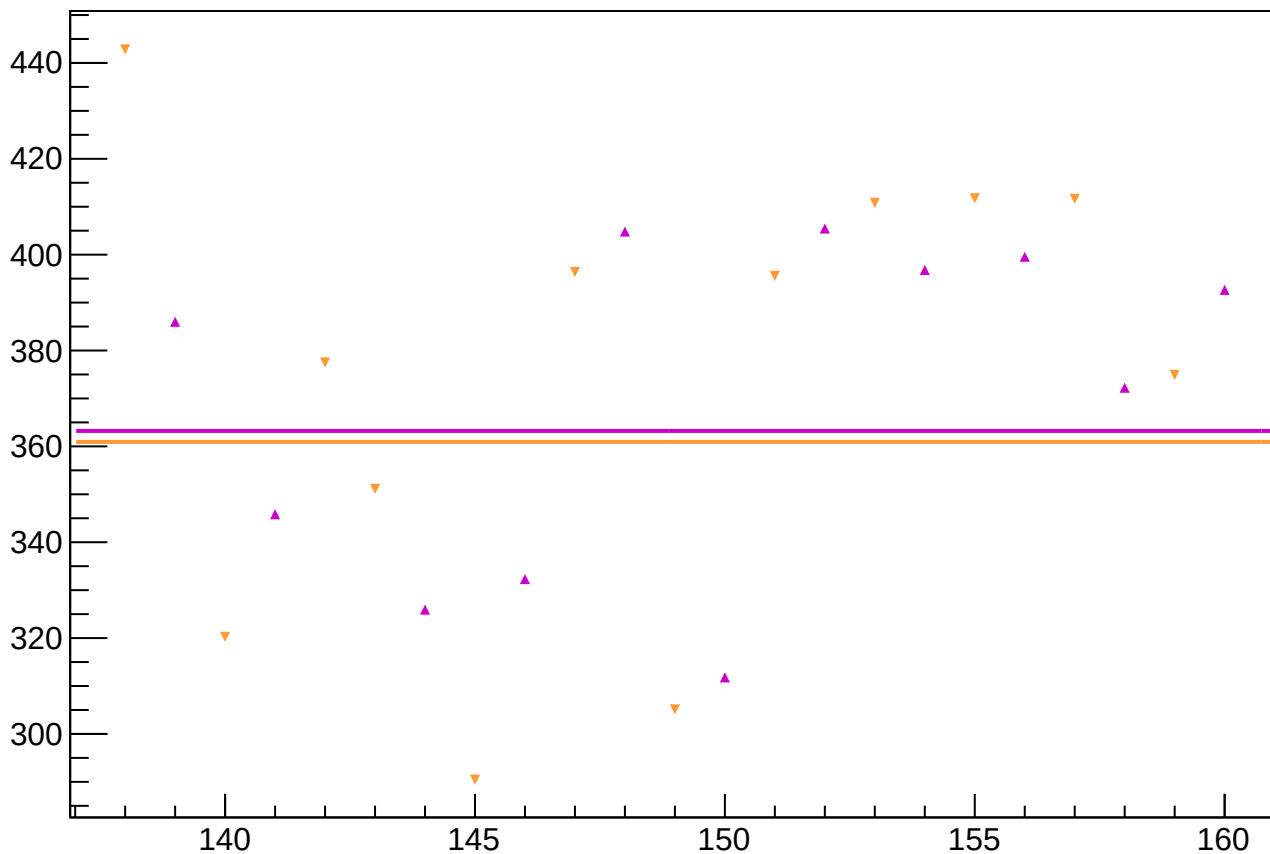
Left In: -264.786+/-121.712 χ^2/NDF : 10.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -358.019+/-86.174 χ^2/NDF : 20.5/22

- 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: 360.934+/-0.086 χ^2/NDF : 319334.4/11

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

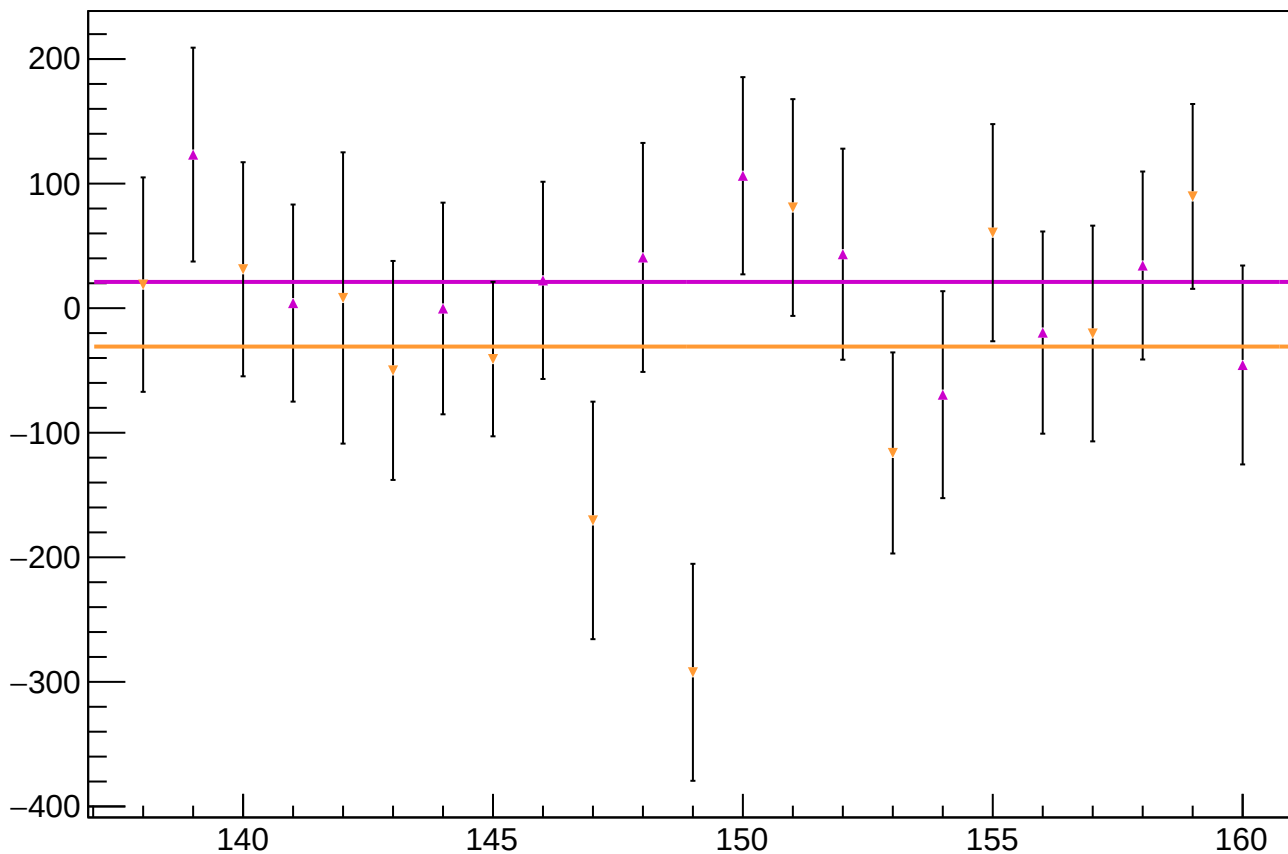
Left In: 363.224+/-0.086 χ^2/NDF : 162003.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.082+/-0.061 χ^2/NDF : 481691.0/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -30.823 $\pm$ 24.203 χ^2 /NDF:18.7/11

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

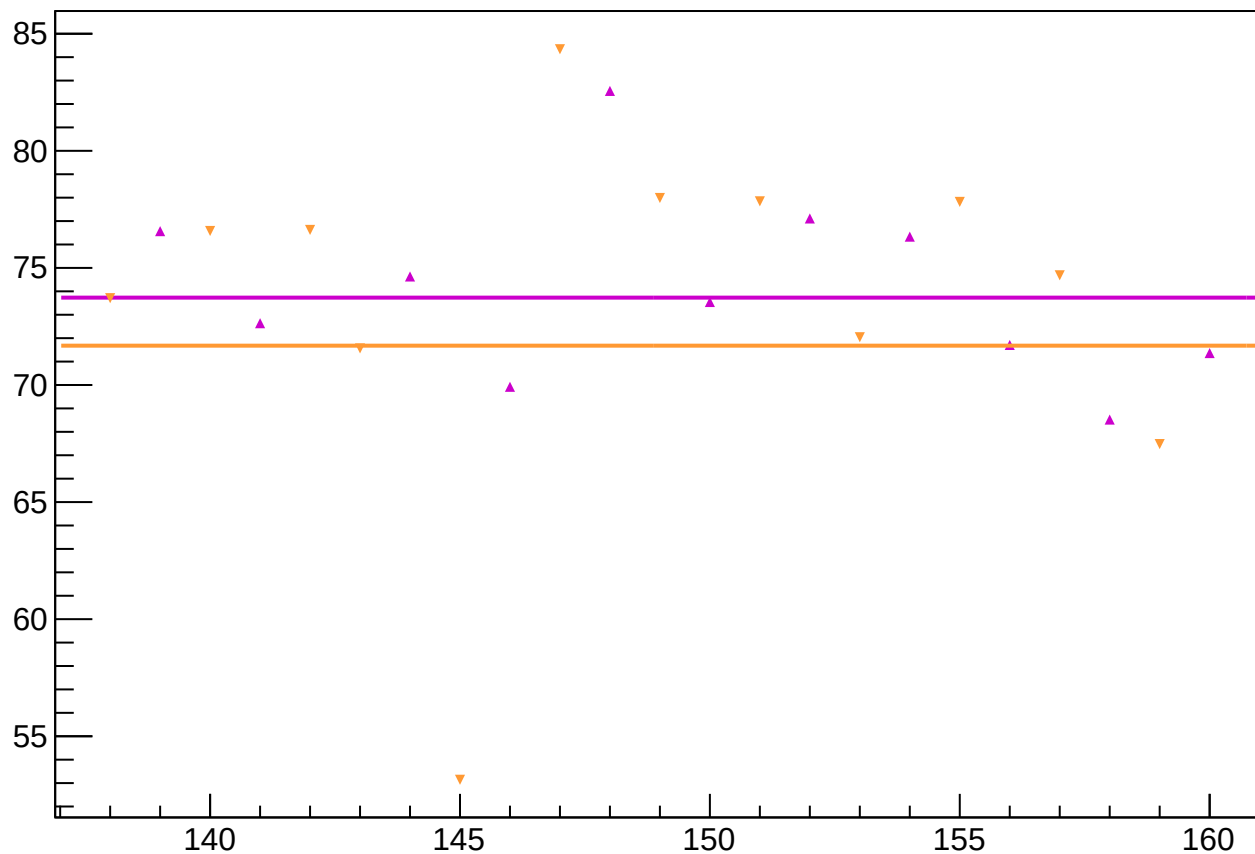
Left In: 21.070 $\pm$ 24.692 χ^2 /NDF:5.0/10

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

All: -5.397 $\pm$ 17.284 χ^2 /NDF: 25.9/22

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

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 71.680+/-0.017 χ^2/NDF :264545.6/11

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

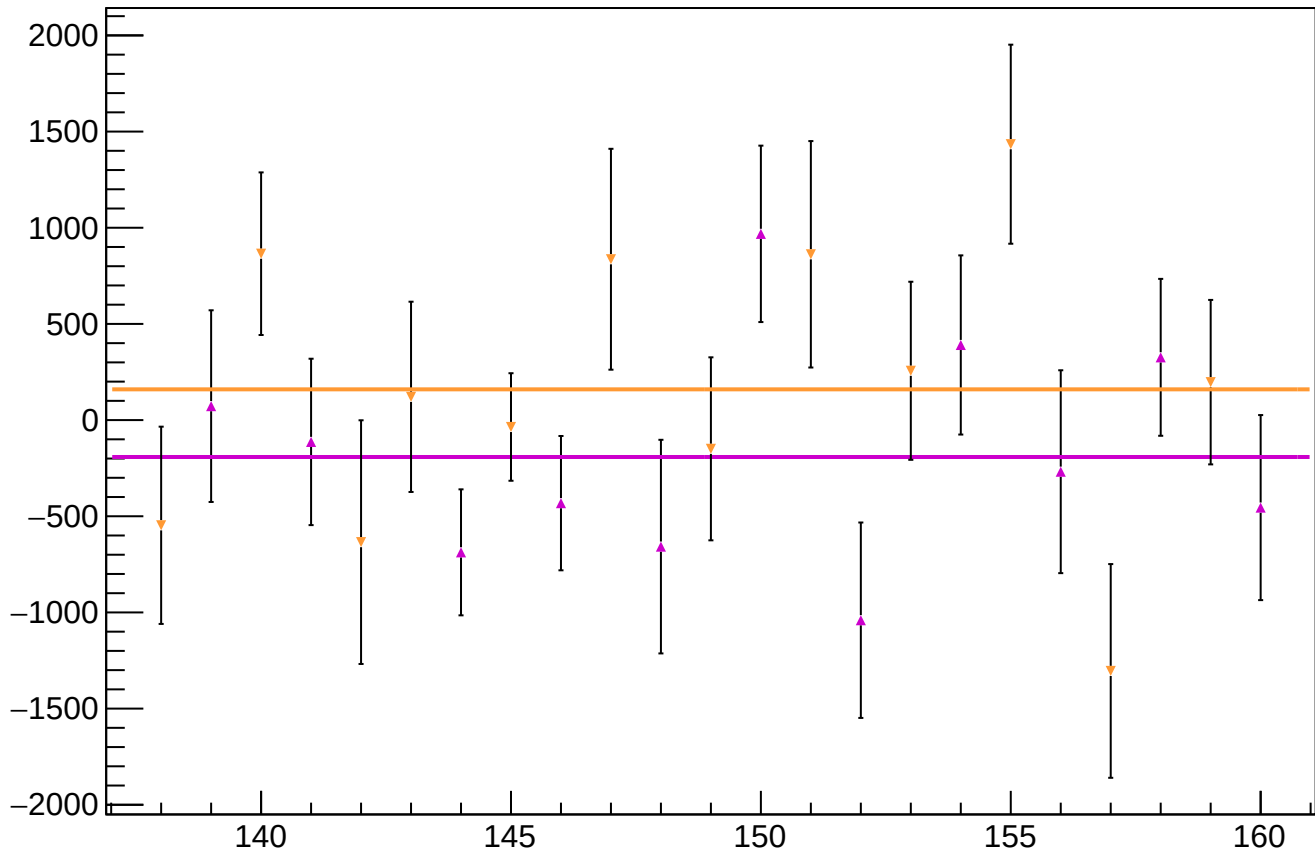
Left In: 73.731+/-0.017 χ^2/NDF :43556.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.685+/-0.012 χ^2/NDF : 315140.5/22

- 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: 159.831+/-133.361 χ^2/NDF : 23.0/11

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

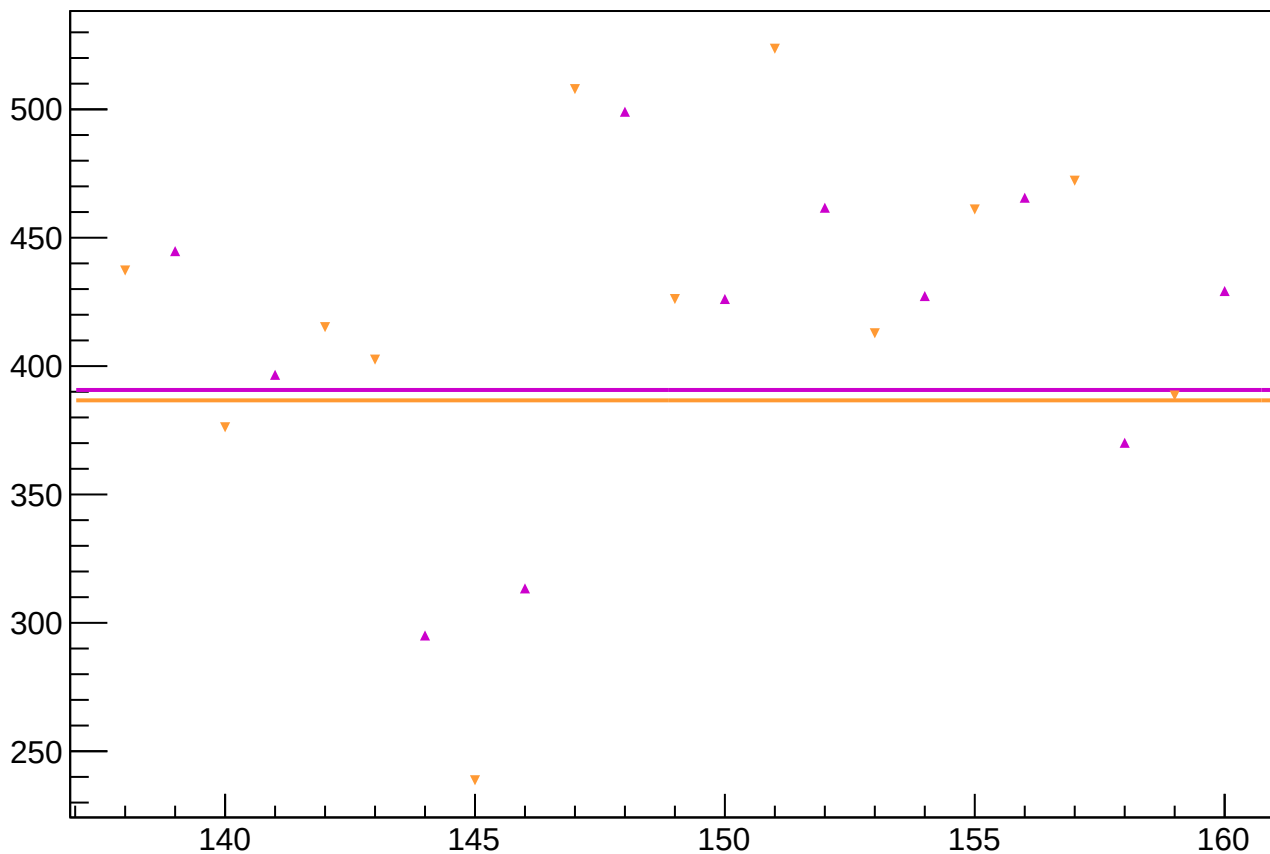
Left In: -191.908+/-132.097 χ^2/NDF : 16.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.713+/-93.850 χ^2/NDF : 43.0/22

- 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: 386.661+/-0.094 χ^2/NDF : 893491.0/11

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

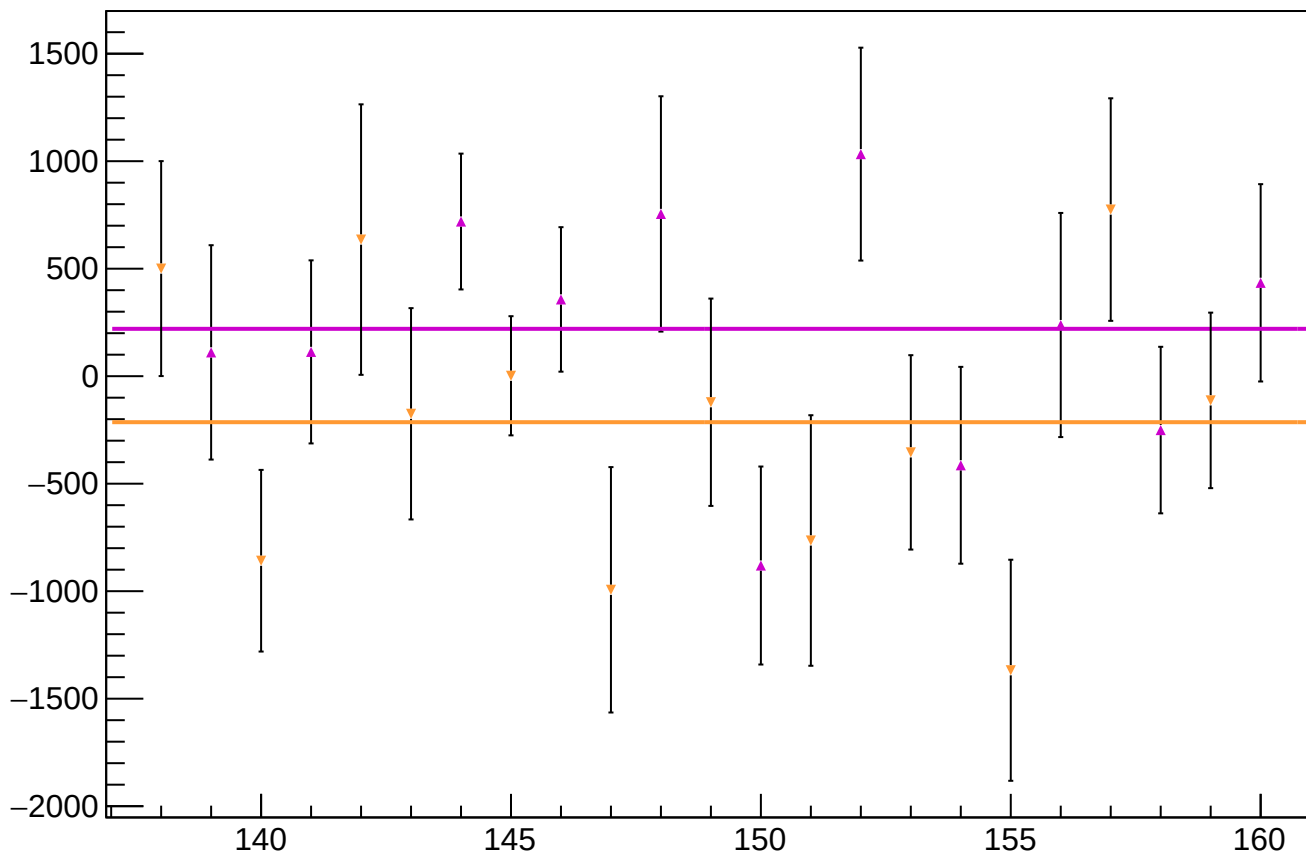
Left In: 390.705+/-0.093 χ^2/NDF : 490118.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.702+/-0.066 χ^2/NDF : 1384537.5/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -213.963+/-131.280 χ^2/NDF : 18.4/11

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

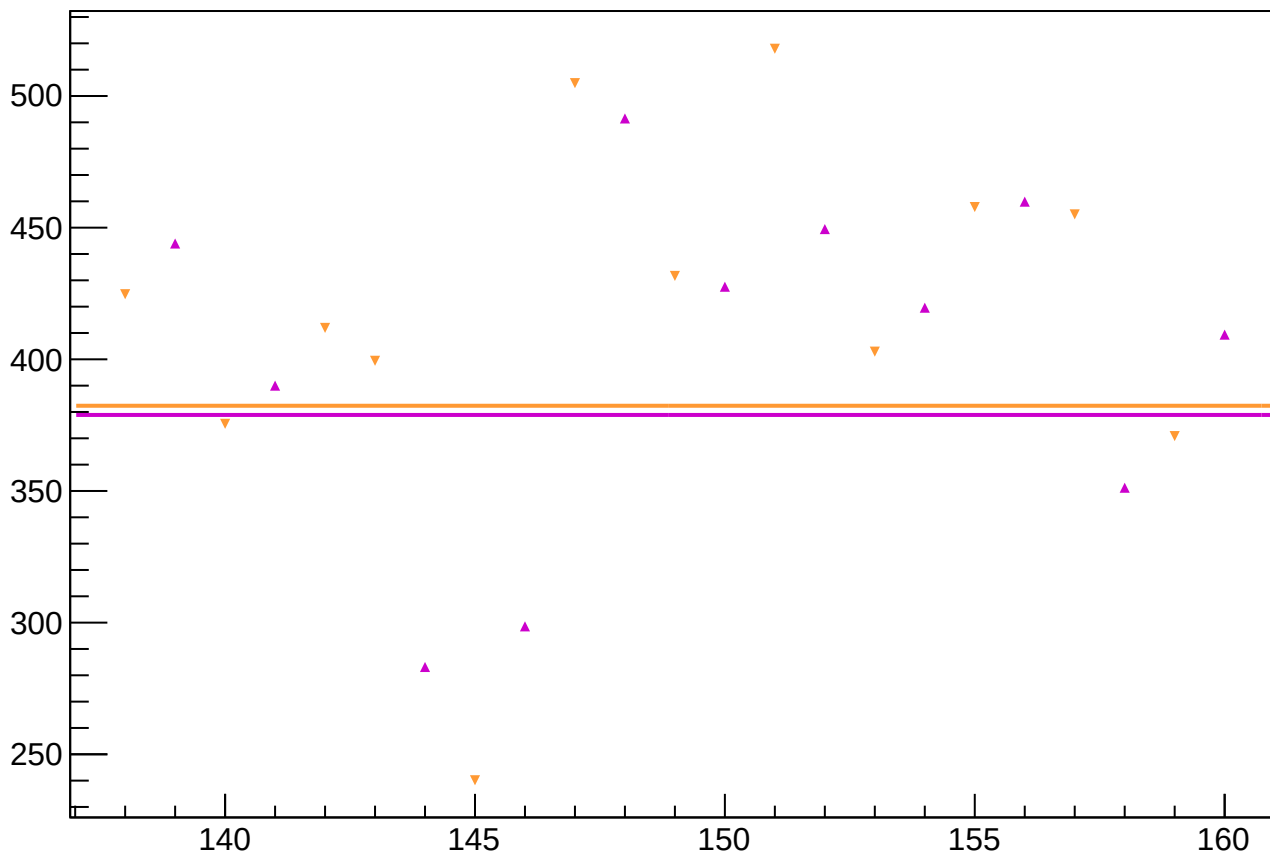
Left In: 220.295+/-128.650 χ^2/NDF : 15.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.559+/-91.885 χ^2/NDF : 39.8/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 382.366+/-0.093 χ^2/NDF :858208.6/11

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

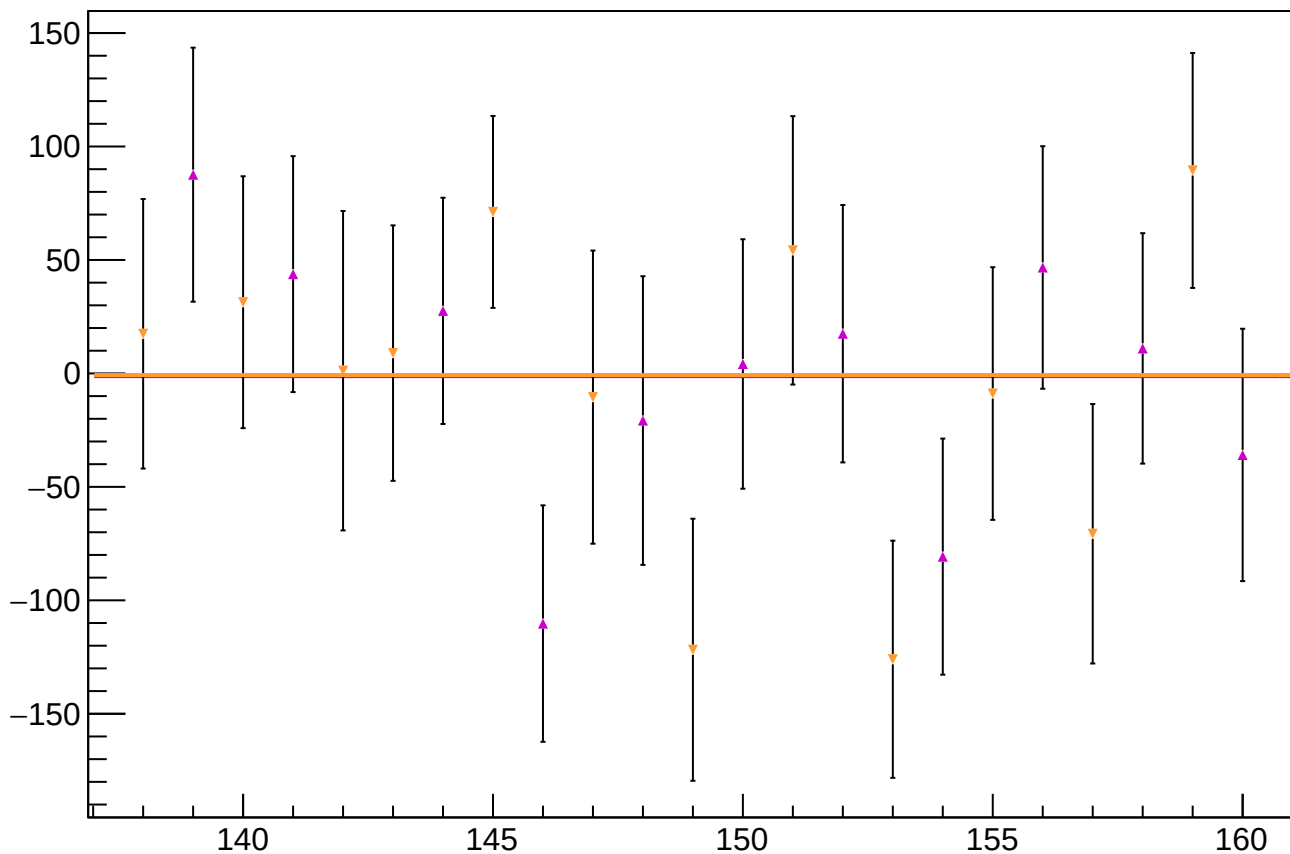
Left In: 378.874+/-0.091 χ^2/NDF :564133.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.584+/-0.065 χ^2/NDF : 1423063.7/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: -0.721+/-16.058 χ^2/NDF : 18.9/11

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

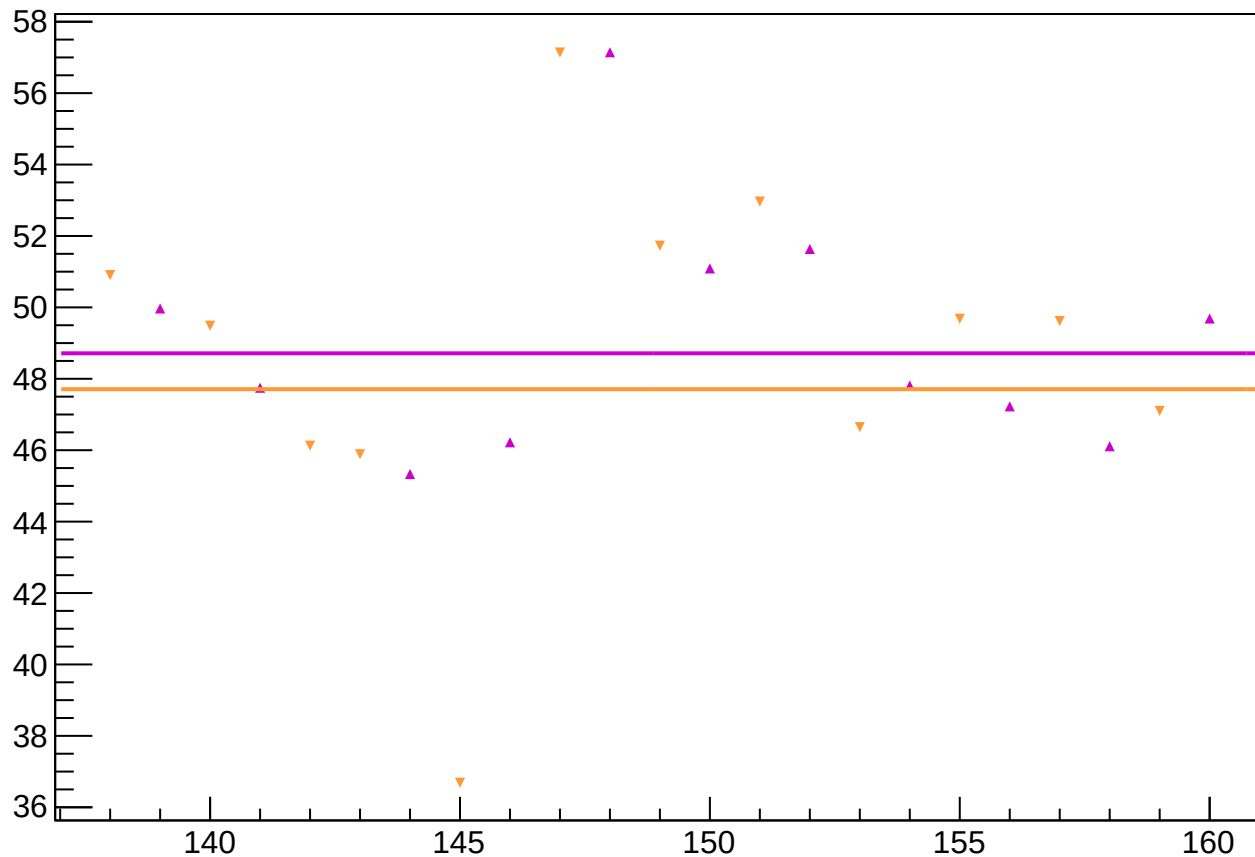
Left In: -1.196+/-16.266 χ^2/NDF : 11.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.955+/-11.428 χ^2/NDF : 30.7/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 47.709+/-0.011 χ^2/NDF : 220709.0/11

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

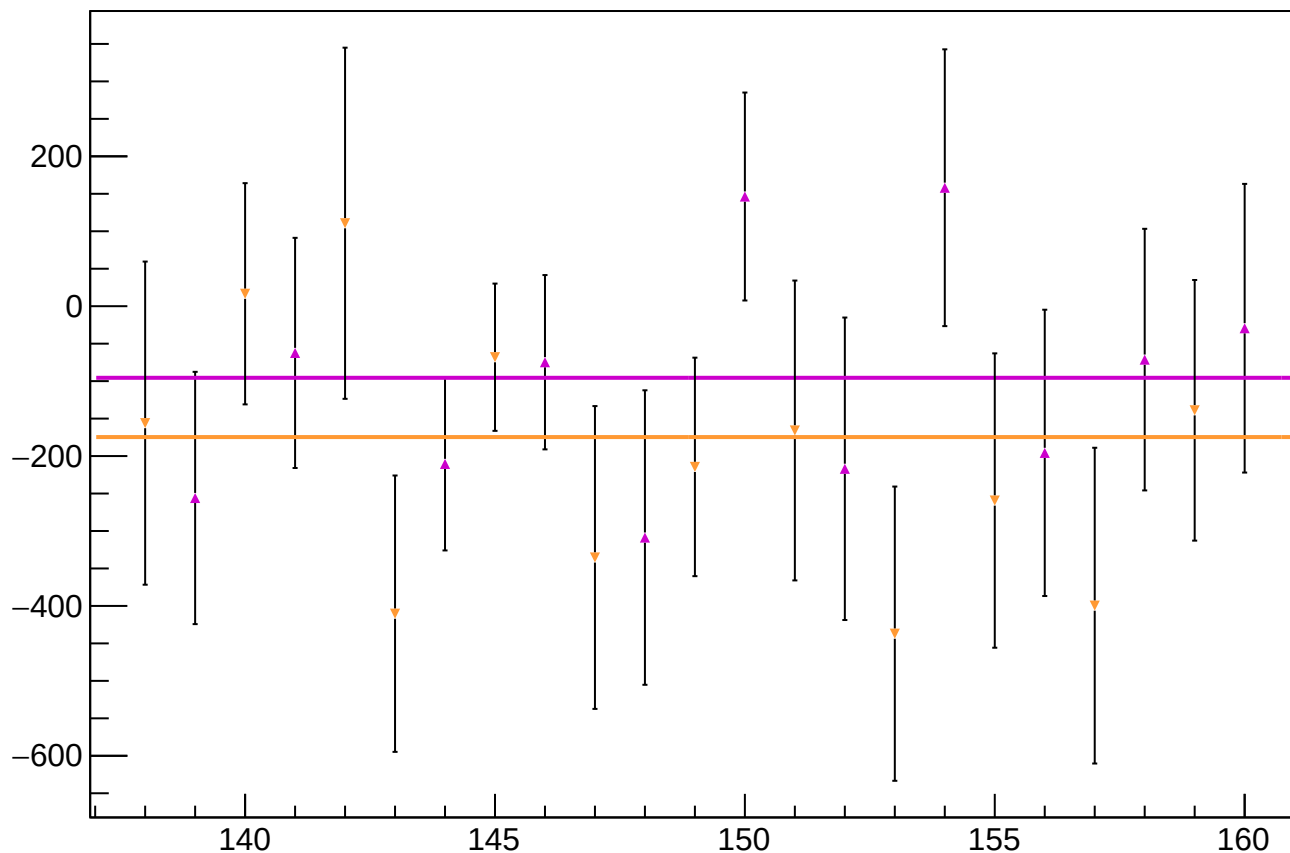
Left In: 48.713+/-0.012 χ^2/NDF : 67660.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.205+/-0.008 χ^2/NDF : 292231.1/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -174.658+/-48.646 χ^2/NDF : 9.8/11

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

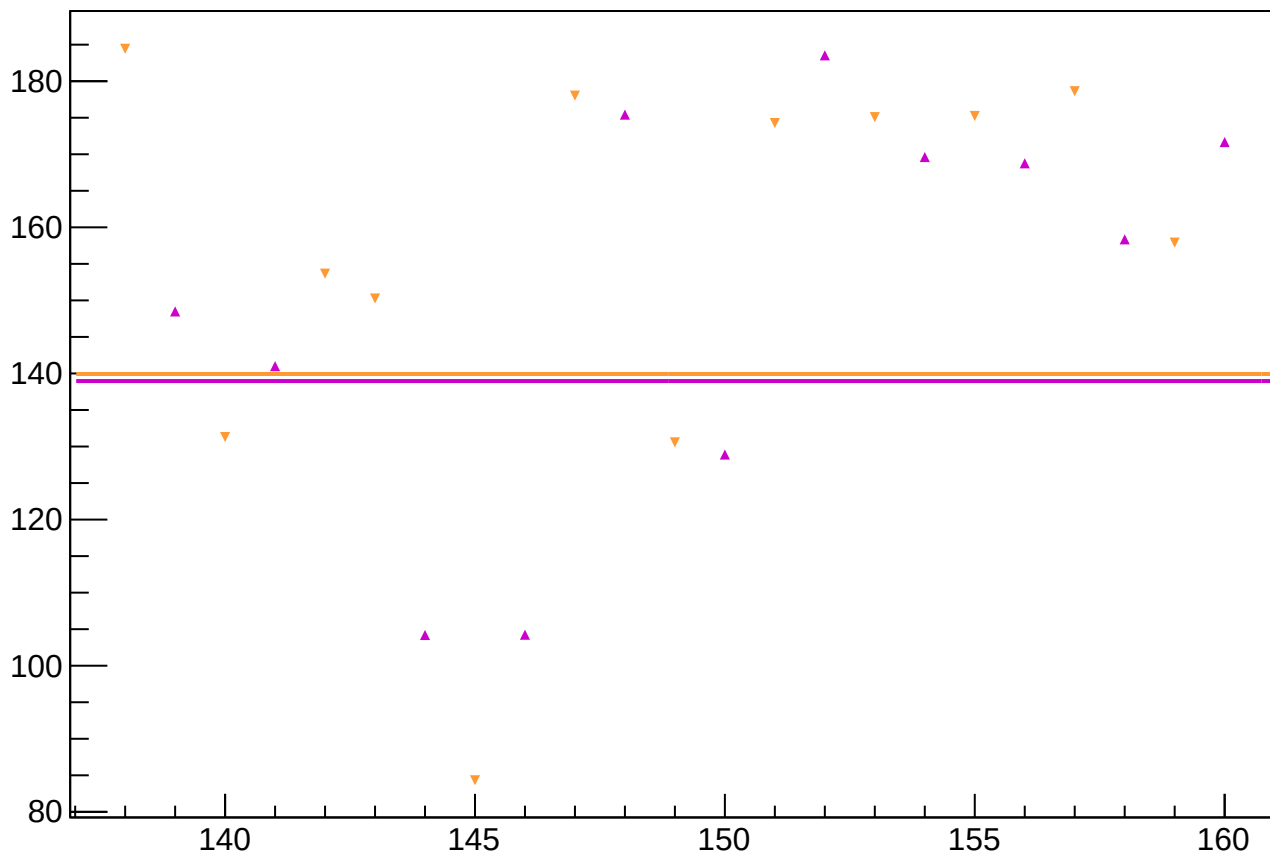
Left In: -95.550+/-47.380 χ^2/NDF : 8.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.061+/-33.942 χ^2/NDF : 20.1/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 139.928+/-0.034 χ^2/NDF : 1101694.6/11

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

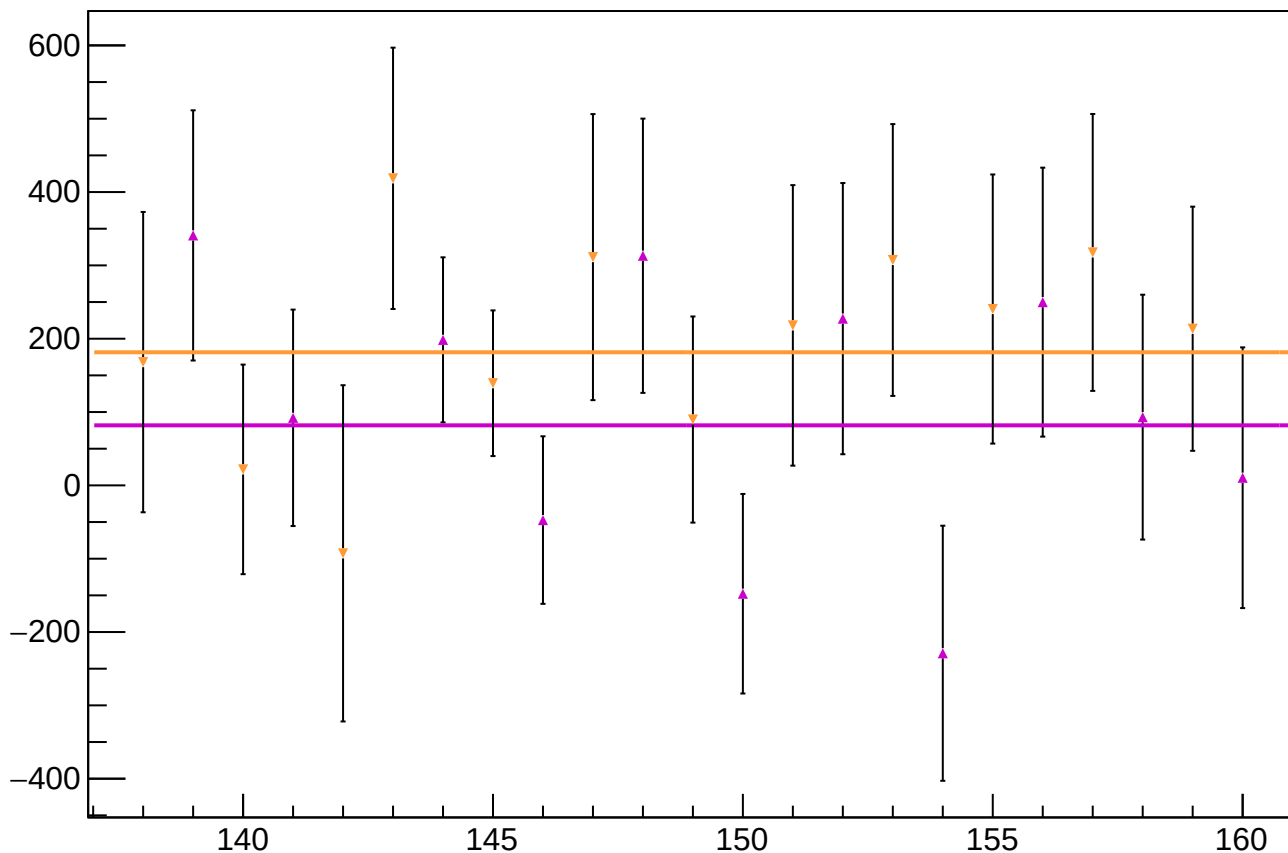
Left In: 138.963+/-0.034 χ^2/NDF : 729158.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.433+/-0.024 χ^2/NDF : 1831257.1/22

- 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: 181.498+/-47.043 χ^2/NDF : 6.7/11

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

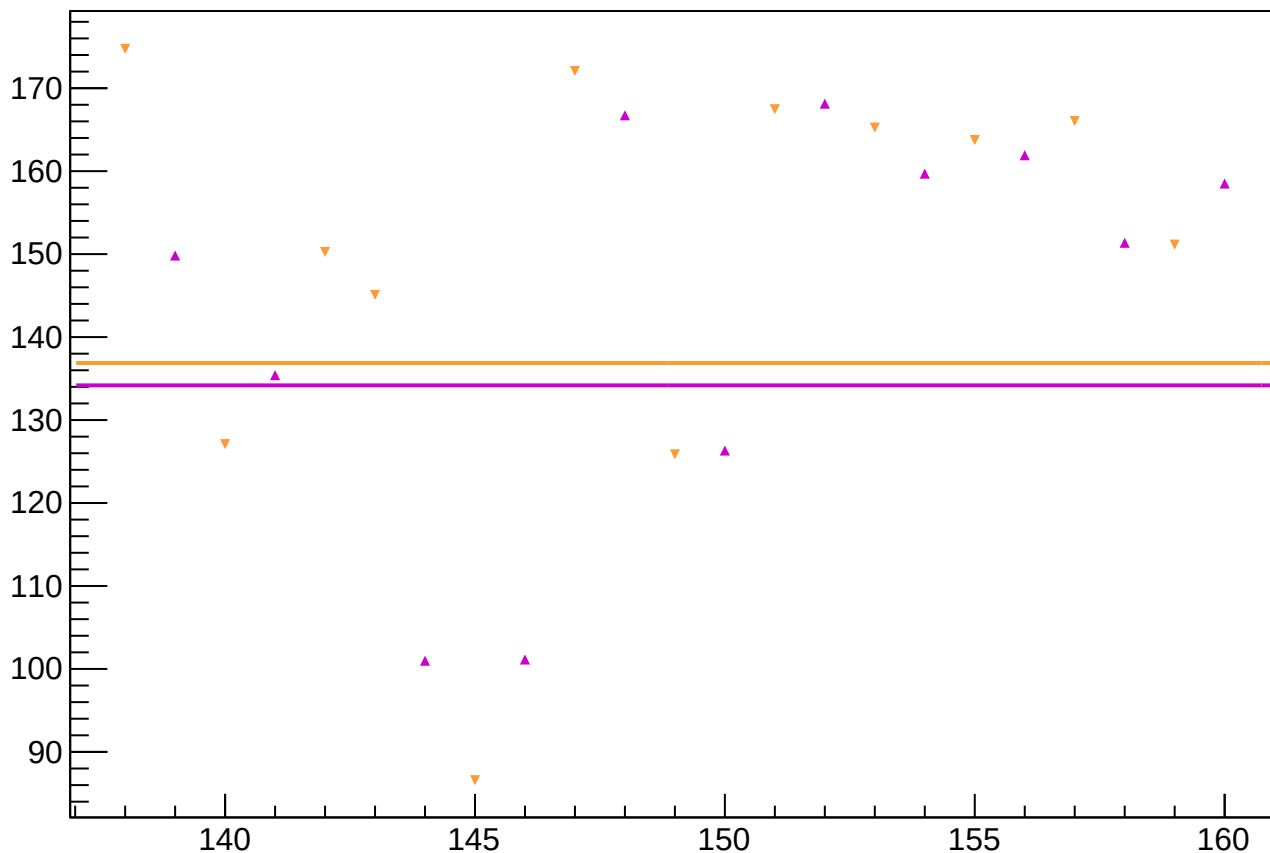
Left In: 81.872+/-45.740 χ^2/NDF : 13.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.287+/-32.794 χ^2/NDF : 22.8/22

- 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: 136.874+/-0.033 χ^2/NDF : 882081.0/11

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

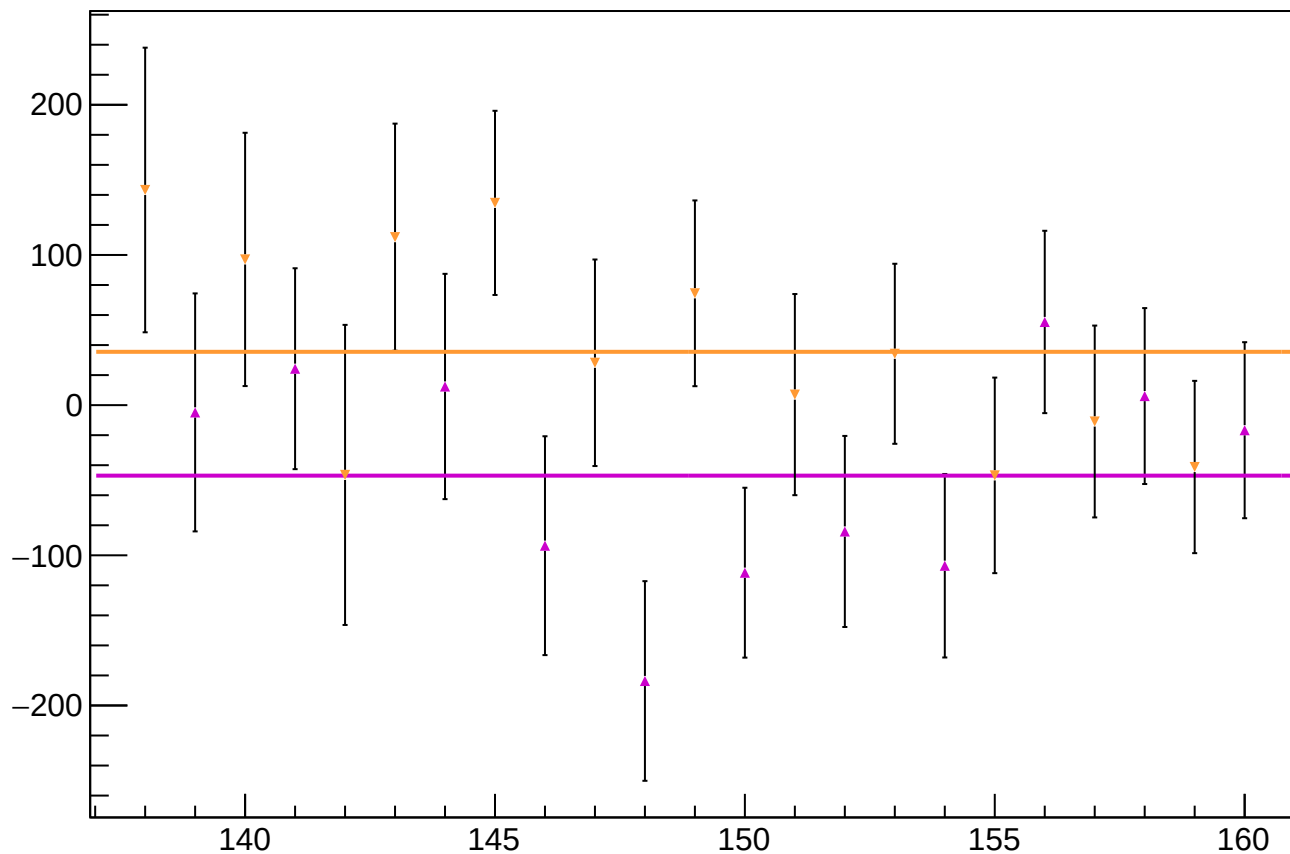
Left In: 134.177+/-0.032 χ^2/NDF : 640299.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.488+/-0.023 χ^2/NDF : 1525758.9/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 35.512 $\pm$ 19.796 χ^2 /NDF:10.6/11

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

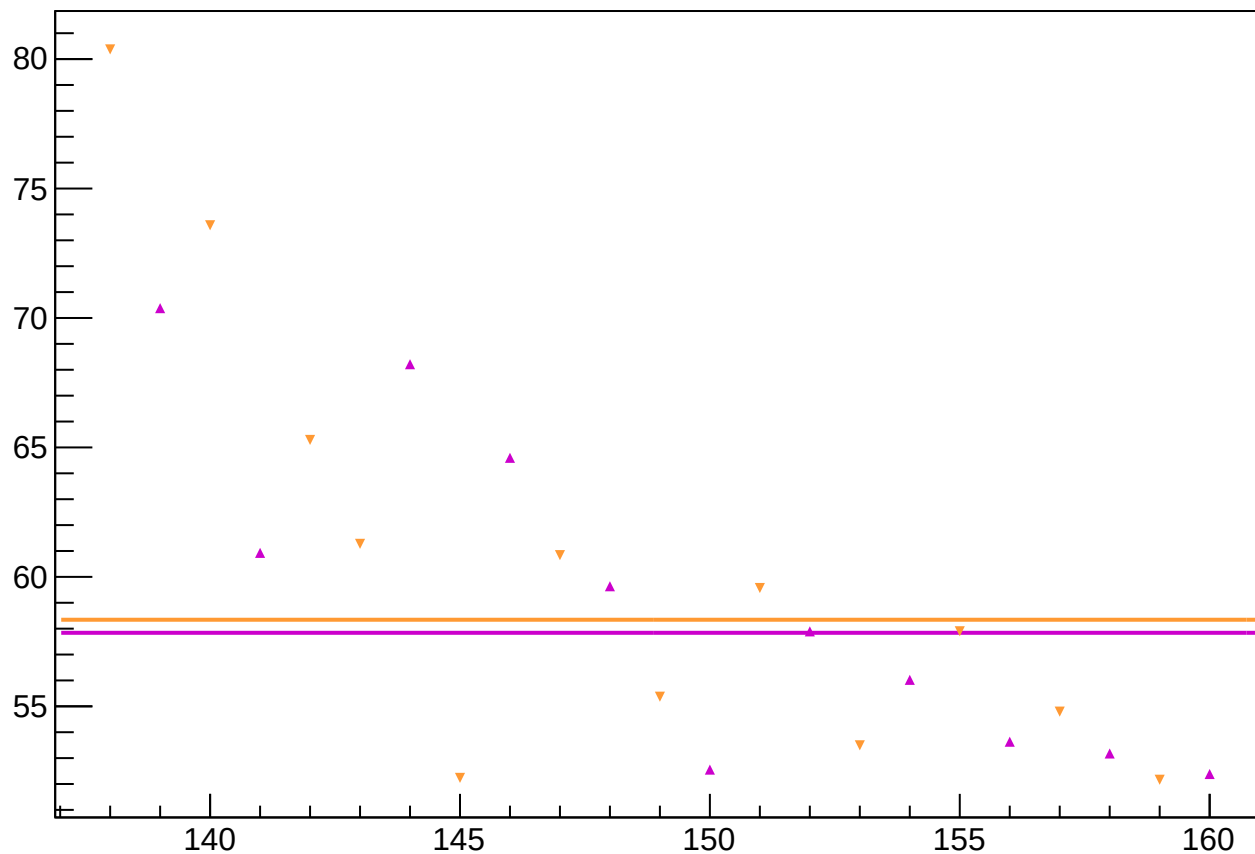
Left In: -46.946 $\pm$ 19.403 χ^2 /NDF:13.2/10

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

All: -6.544 $\pm$ 13.857 χ^2 /NDF: 32.7/22

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

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 58.344+/-0.014 χ^2/NDF : 256375.2/11

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

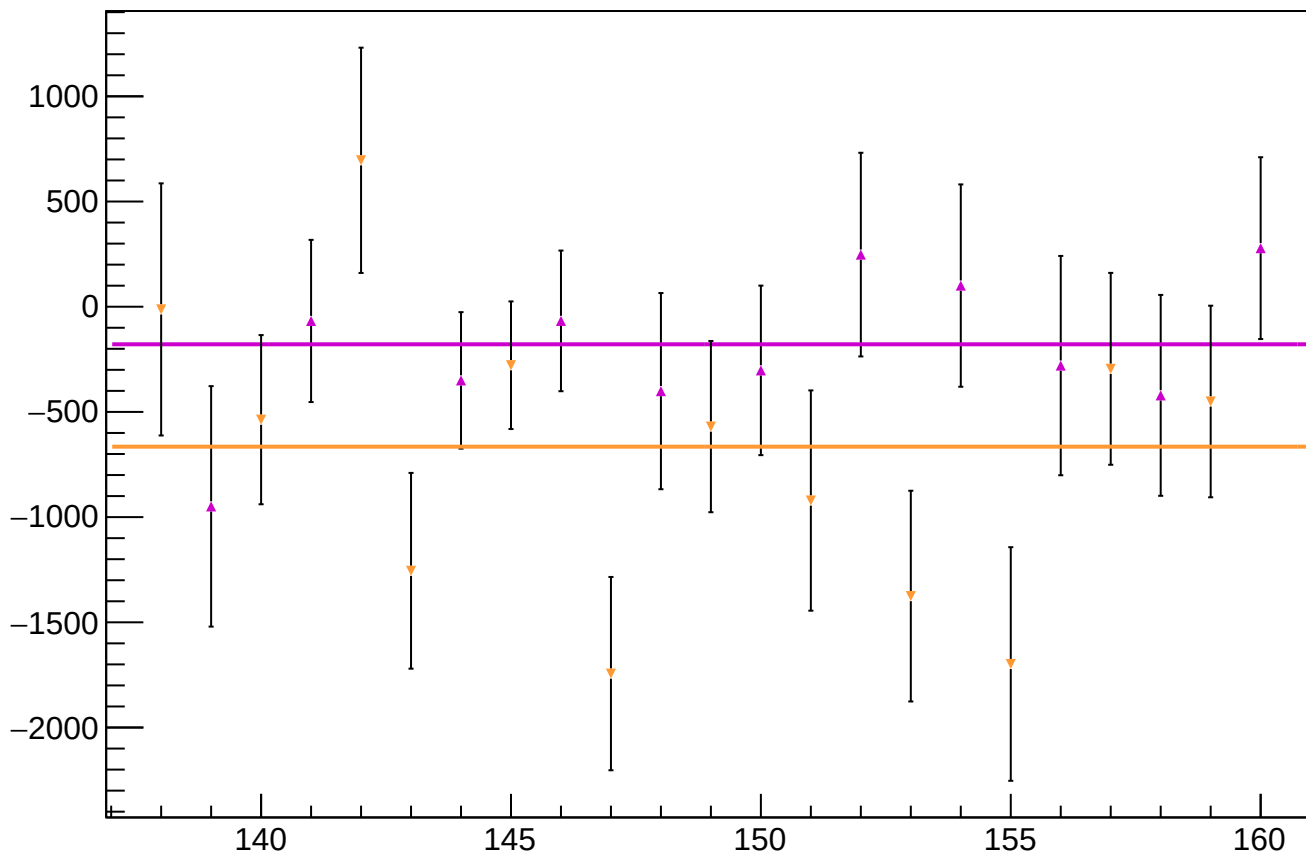
Left In: 57.840+/-0.014 χ^2/NDF : 170089.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.087+/-0.010 χ^2/NDF : 427127.3/22

- 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: -665.118 $\pm$ 129.922 χ^2 /NDF:23.1/11

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

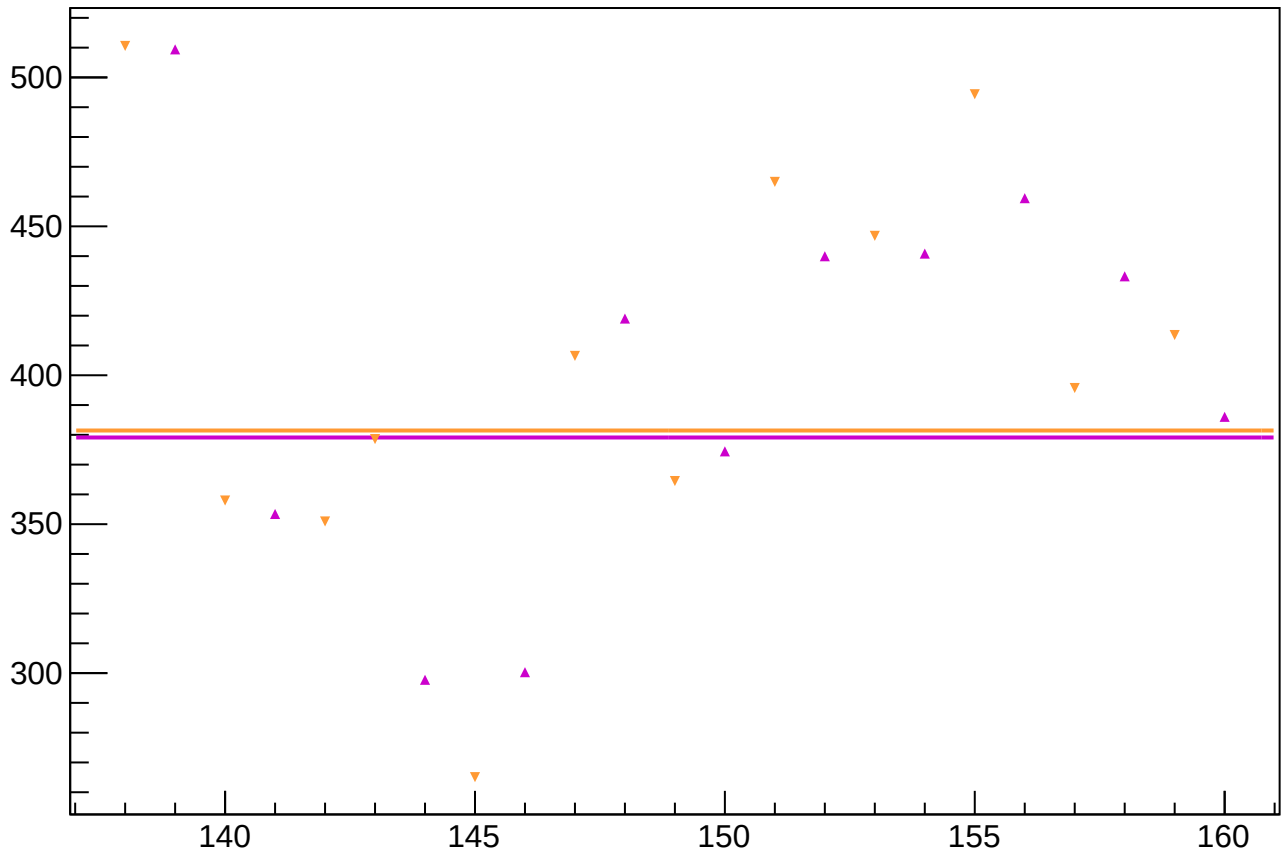
Left In: -178.572 $\pm$ 128.005 χ^2 /NDF:5.1/10

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

All: -418.229 $\pm$ 91.183 χ^2 /NDF: 35.4/22

- 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: 381.454+/-0.092 χ^2/NDF : 589748.4/11

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

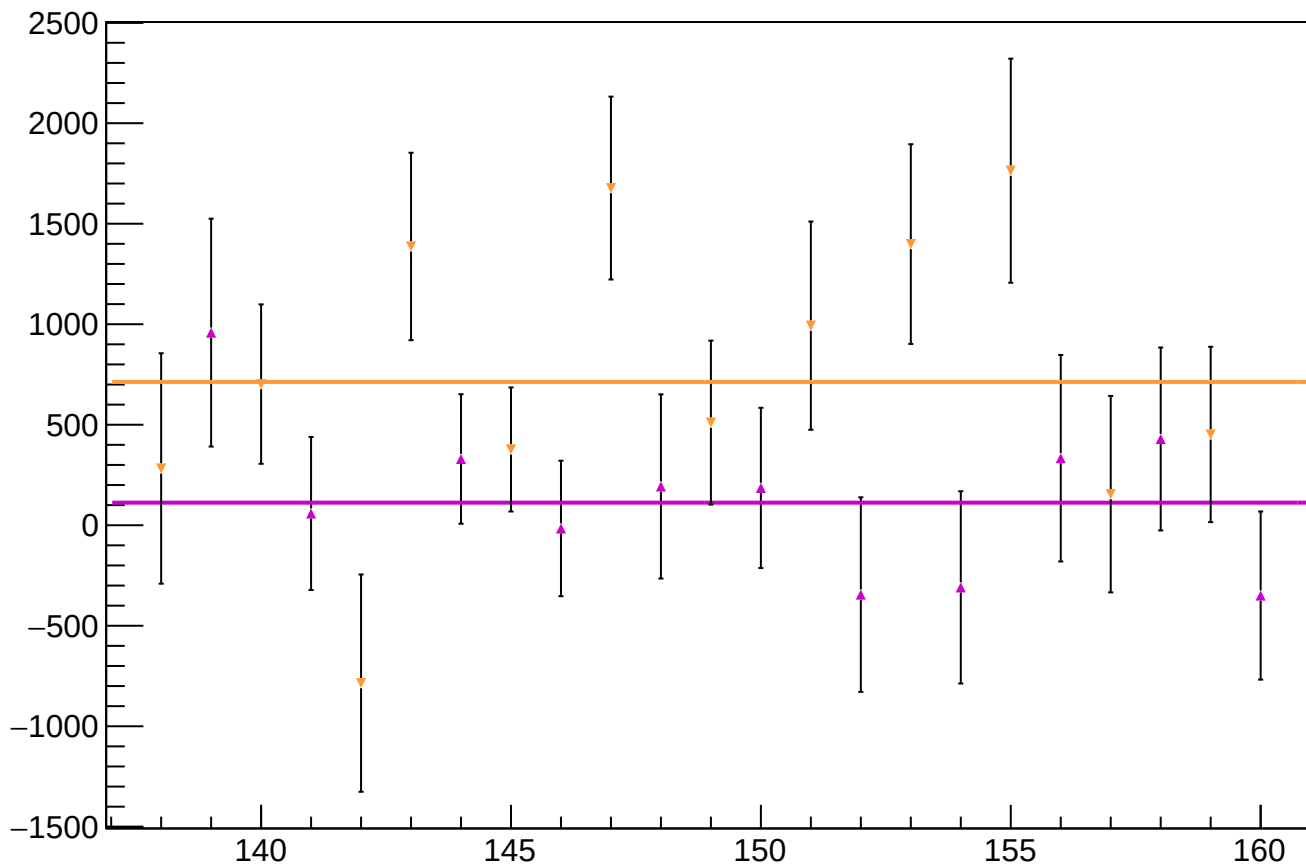
Left In: 379.107+/-0.091 χ^2/NDF : 503135.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.263+/-0.064 χ^2/NDF : 1093215.2/22

- 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: 713.006+/-129.945 χ^2/NDF : 23.7/11

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

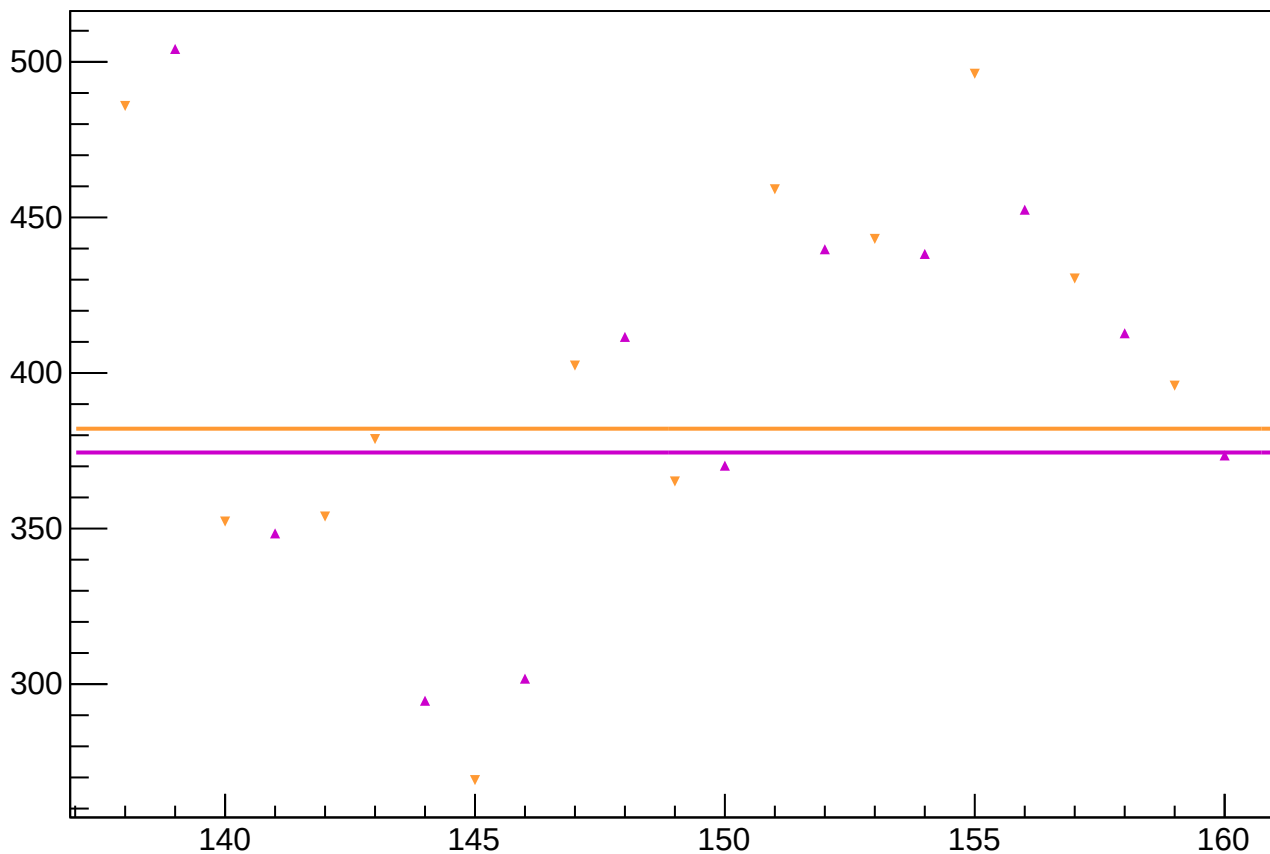
Left In: 112.391+/-126.502 χ^2/NDF : 6.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.635+/-90.643 χ^2/NDF : 41.1/22

- 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: 382.100+/-0.092 χ^2/NDF : 537465.7/11

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

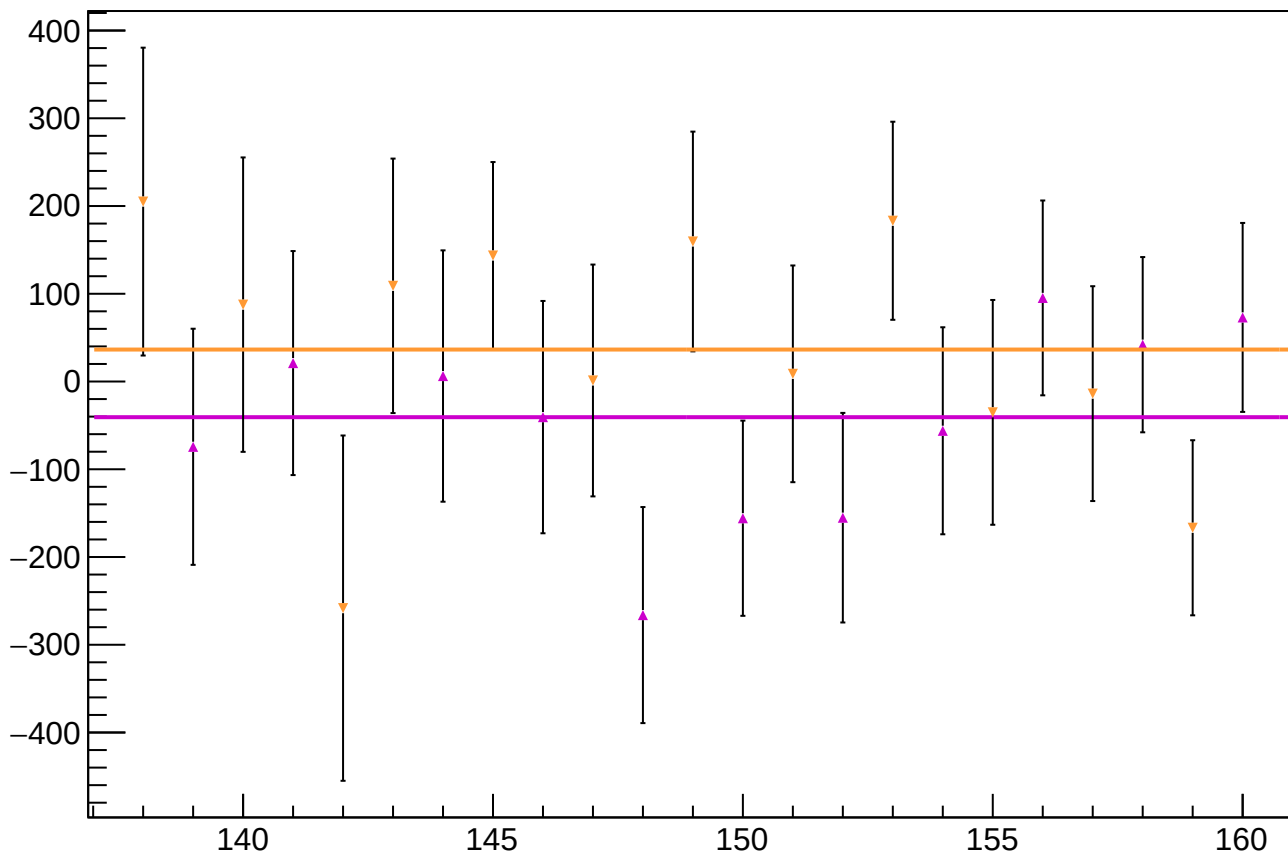
Left In: 374.446+/-0.089 χ^2/NDF : 475593.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.170+/-0.064 χ^2/NDF : 1016622.6/22

- 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: 36.431+/-37.196 χ^2/NDF : 11.9/11

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

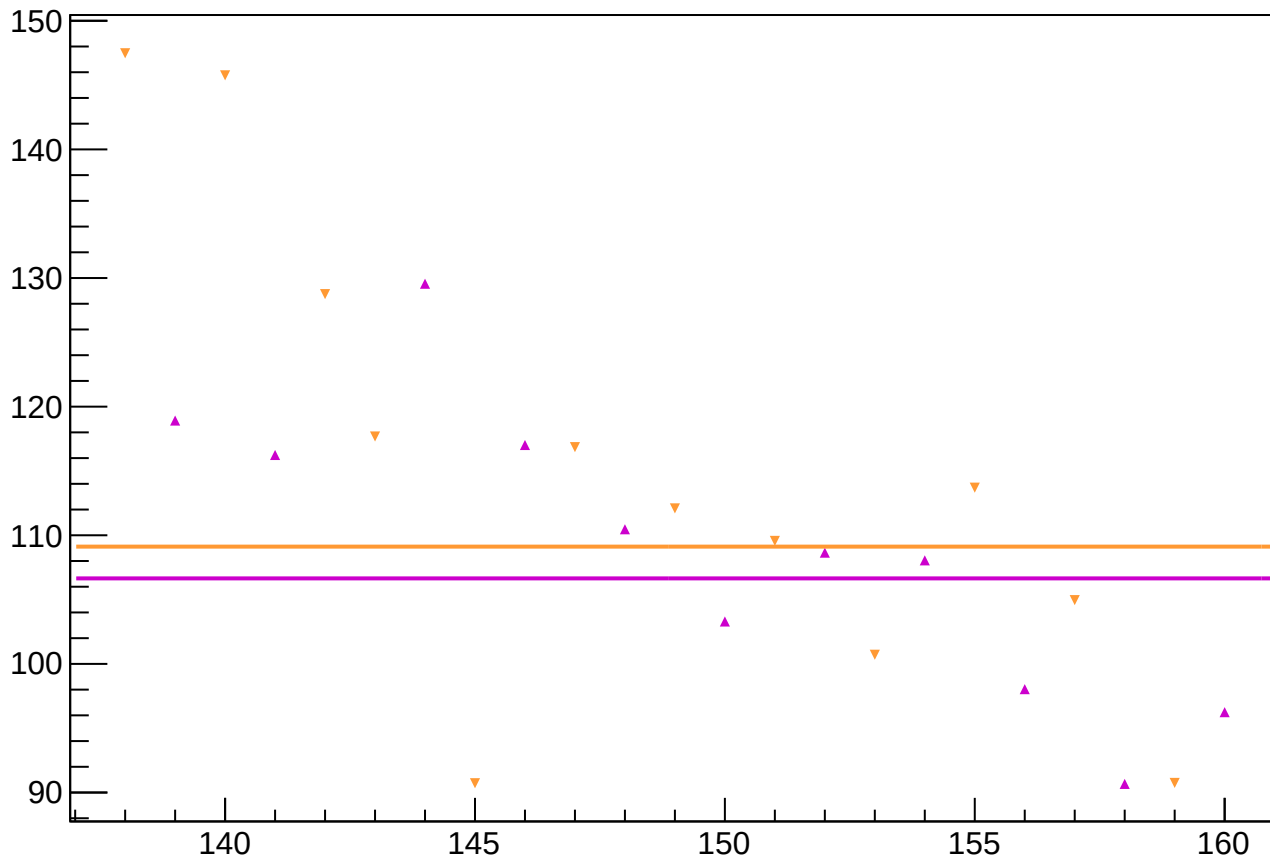
Left In: -40.648+/-35.832 χ^2/NDF : 9.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.547+/-25.806 χ^2/NDF : 23.2/22

- 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: 109.118+/-0.026 χ^2/NDF : 369315.7/11

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

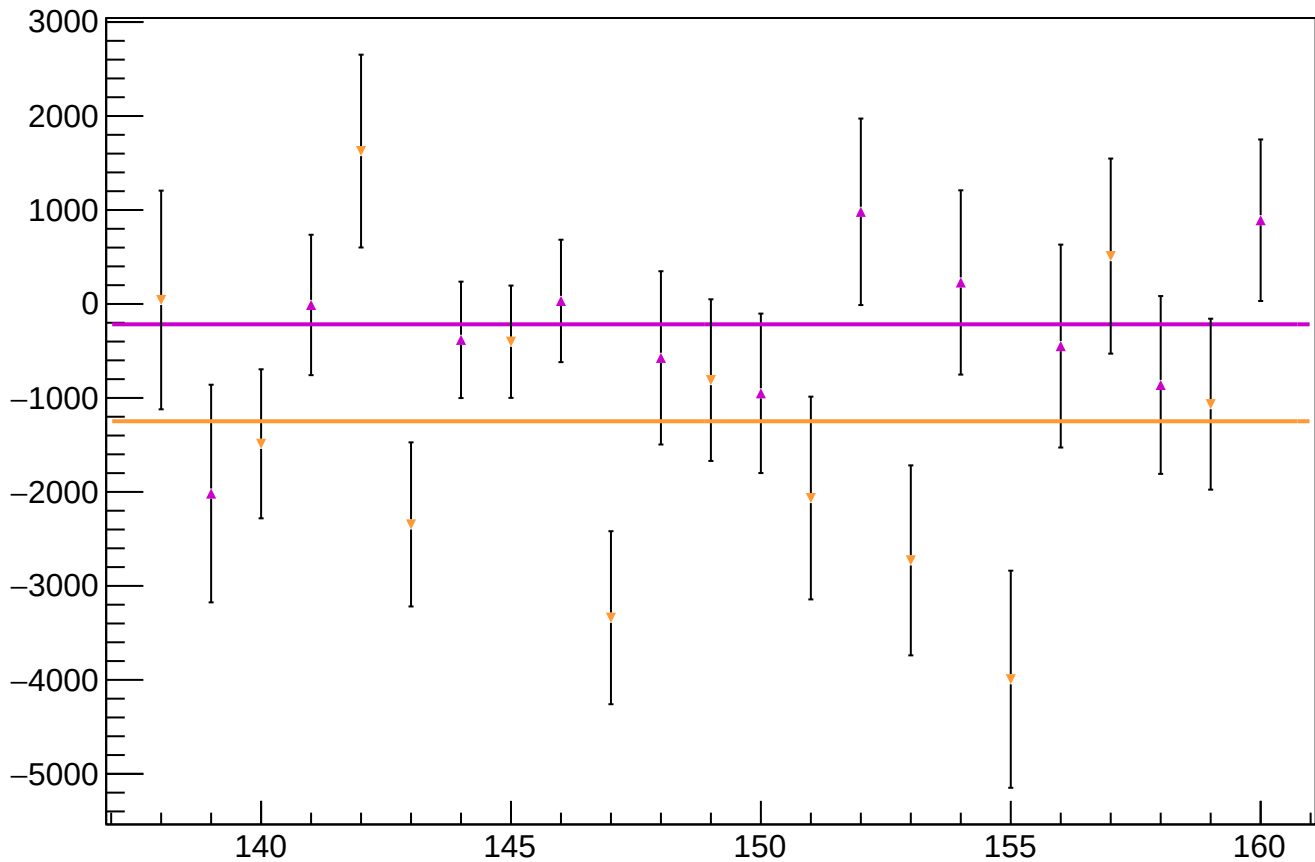
Left In: 106.648+/-0.025 χ^2/NDF : 177858.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.837+/-0.018 χ^2/NDF : 551748.5/22

- 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: -1247.866+/-261.275 χ^2/NDF : 29.4/11

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

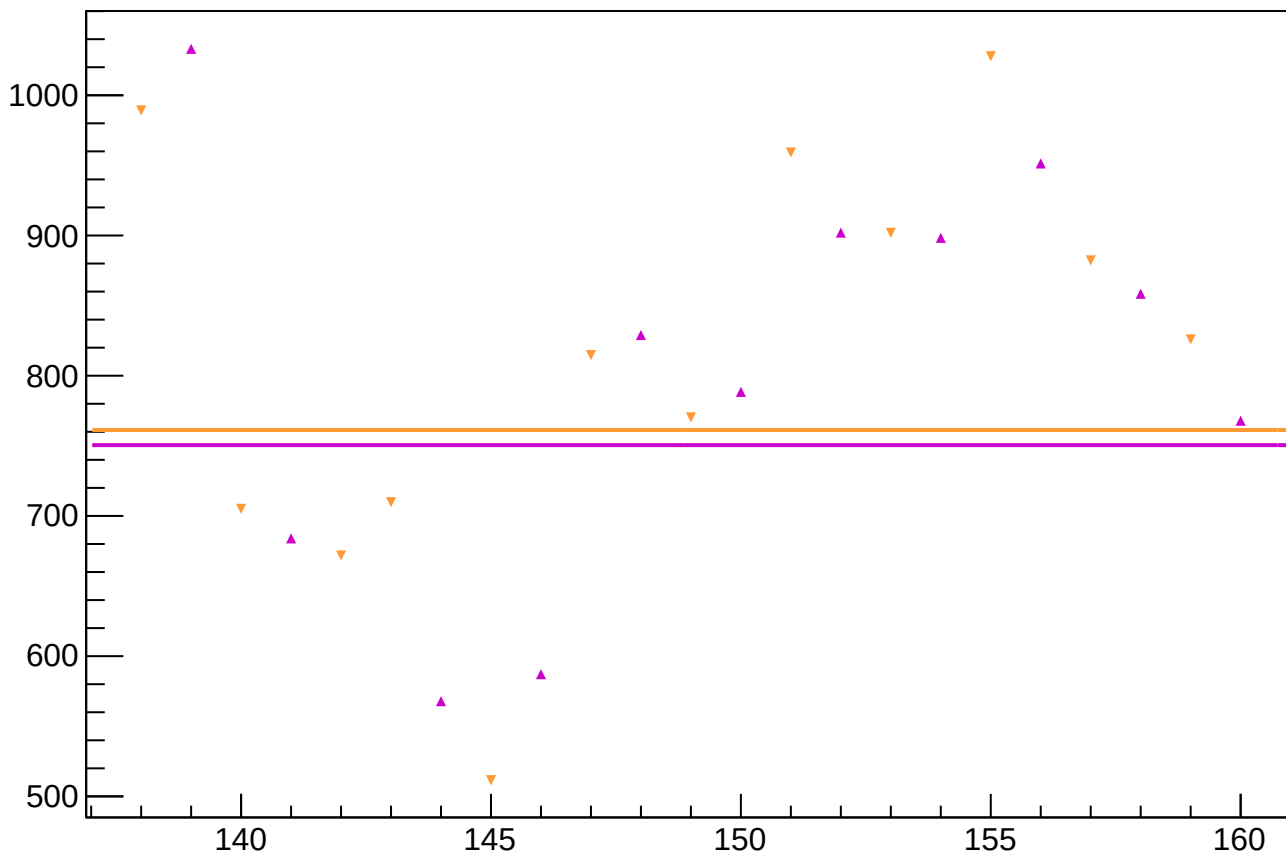
Left In: -216.508+/-254.379 χ^2/NDF : 7.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -718.397+/-182.262 χ^2/NDF : 44.9/22

- 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: 761.264+/-0.185 χ^2/NDF : 715161.2/11

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

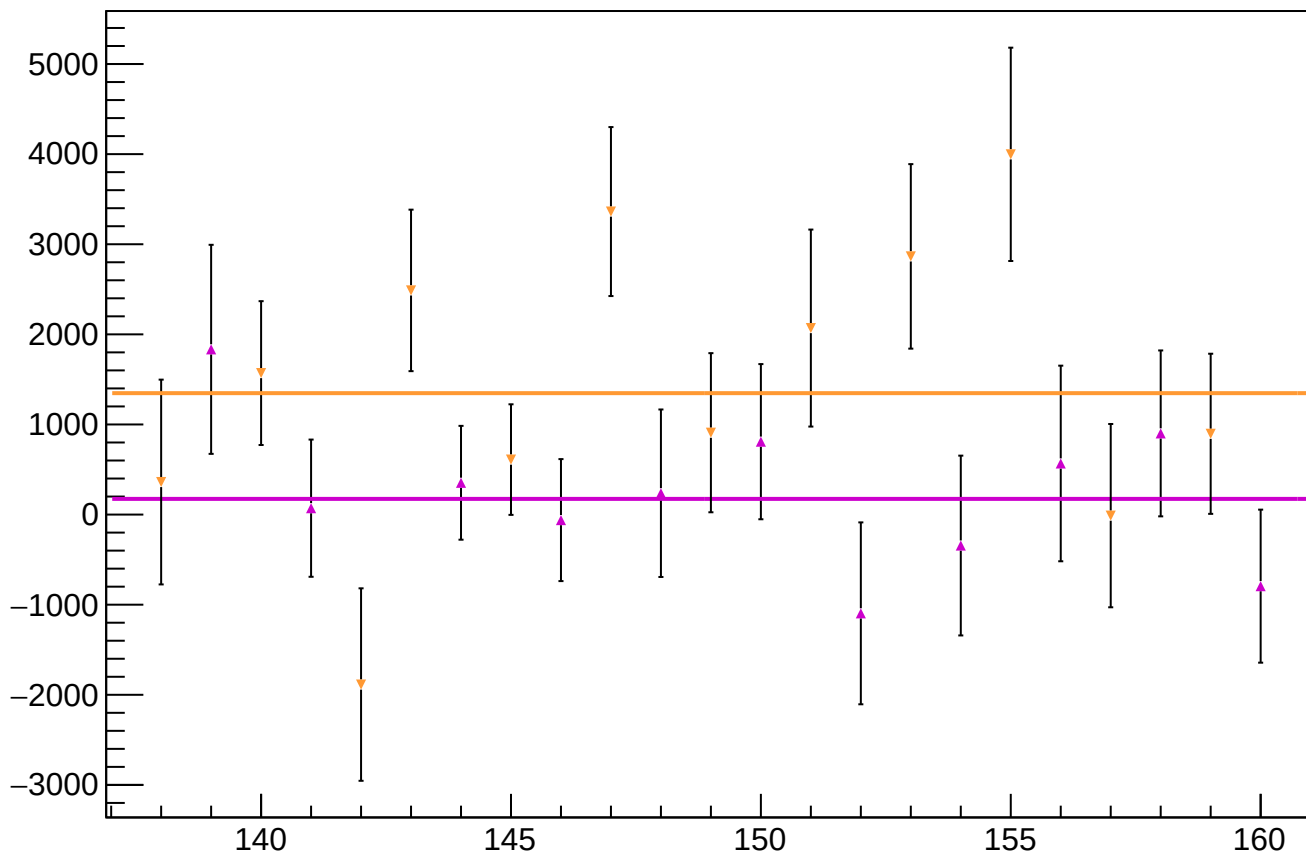
Left In: 750.484+/-0.180 χ^2/NDF : 641494.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.730+/-0.129 χ^2/NDF : 1358403.5/22

- 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: 1347.477+/-264.618 χ^2/NDF : 27.6/11

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

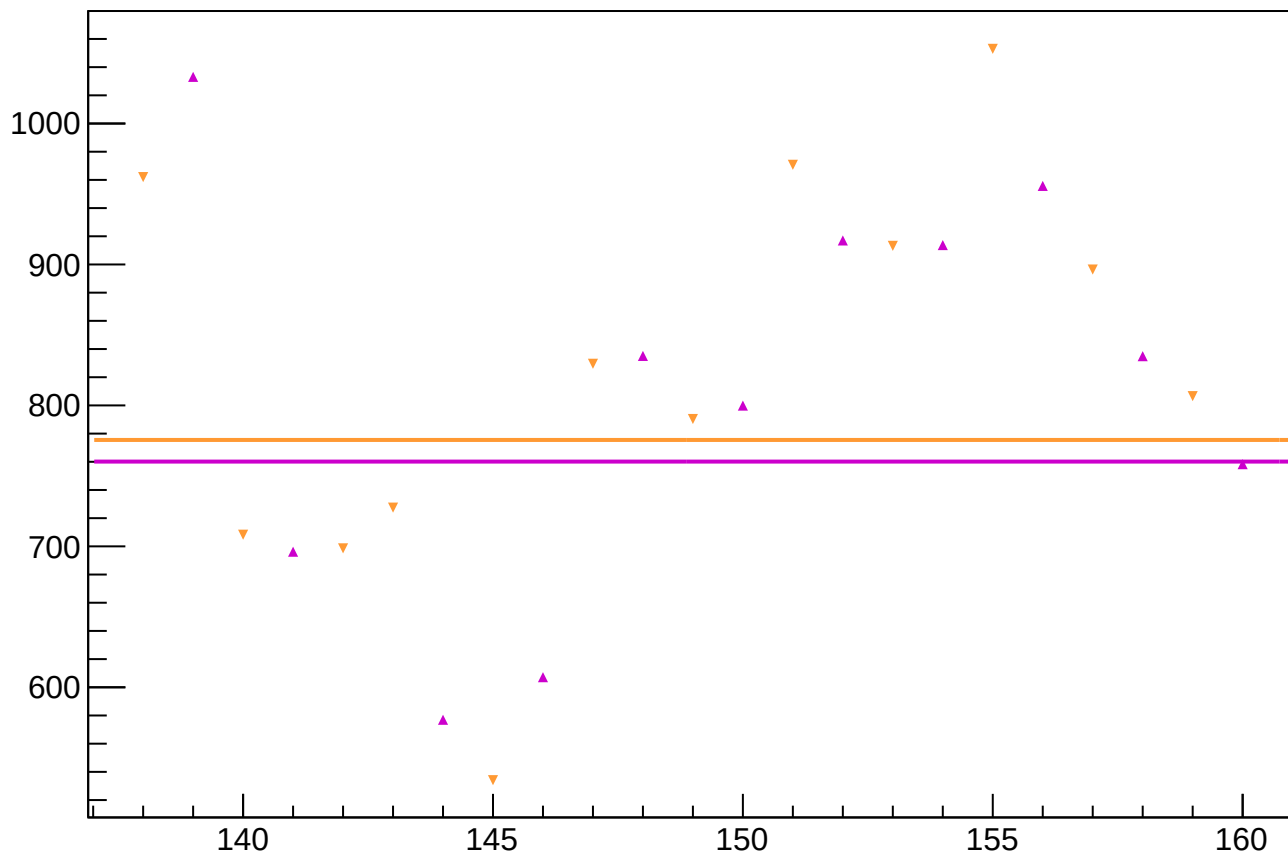
Left In: 174.121+/-257.626 χ^2/NDF : 6.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 745.093+/-184.592 χ^2/NDF : 44.4/22

- 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: 775.497+/-0.187 χ^2/NDF : 641555.3/11

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

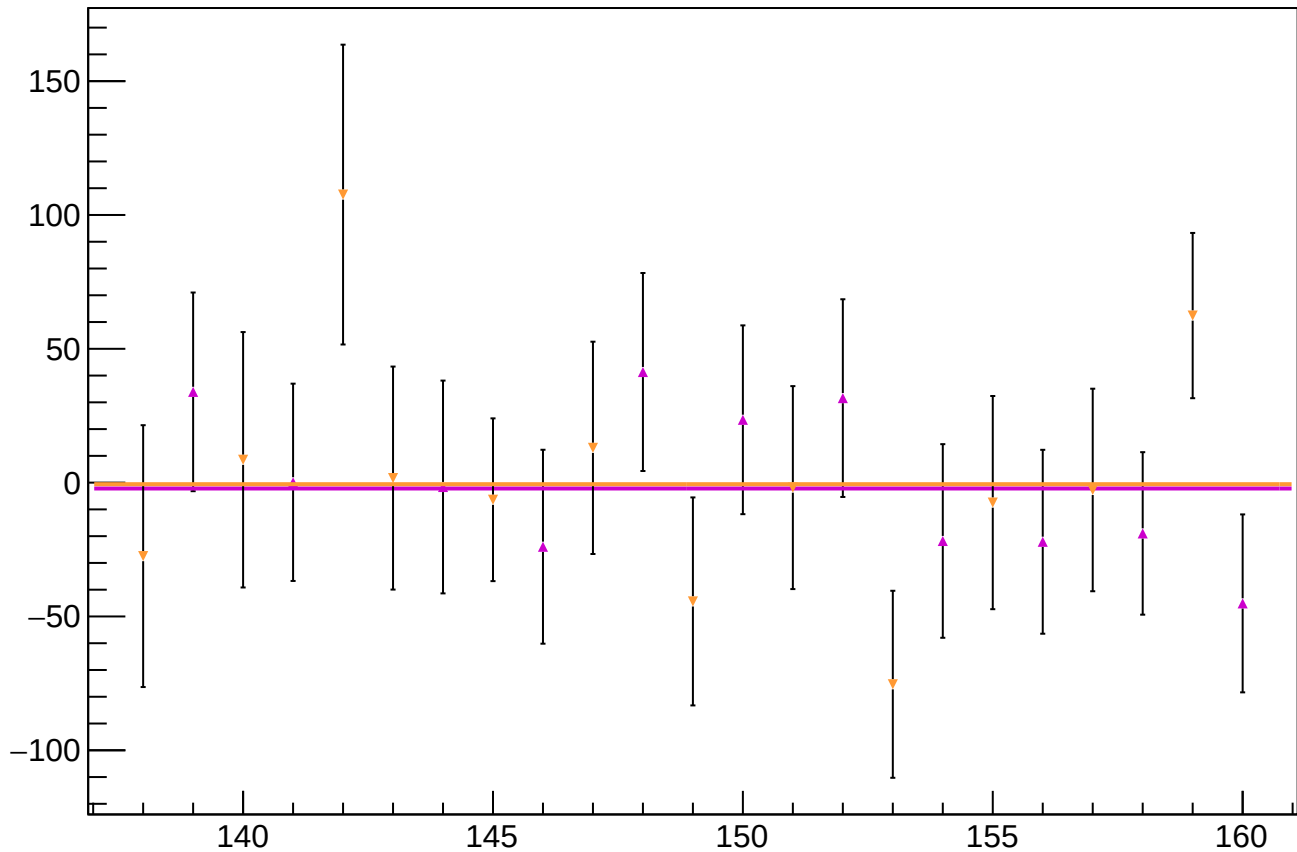
Left In: 760.145+/-0.182 χ^2/NDF : 586426.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.615+/-0.131 χ^2/NDF : 1231438.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -0.579+/-11.163 χ^2/NDF :14.3/11

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

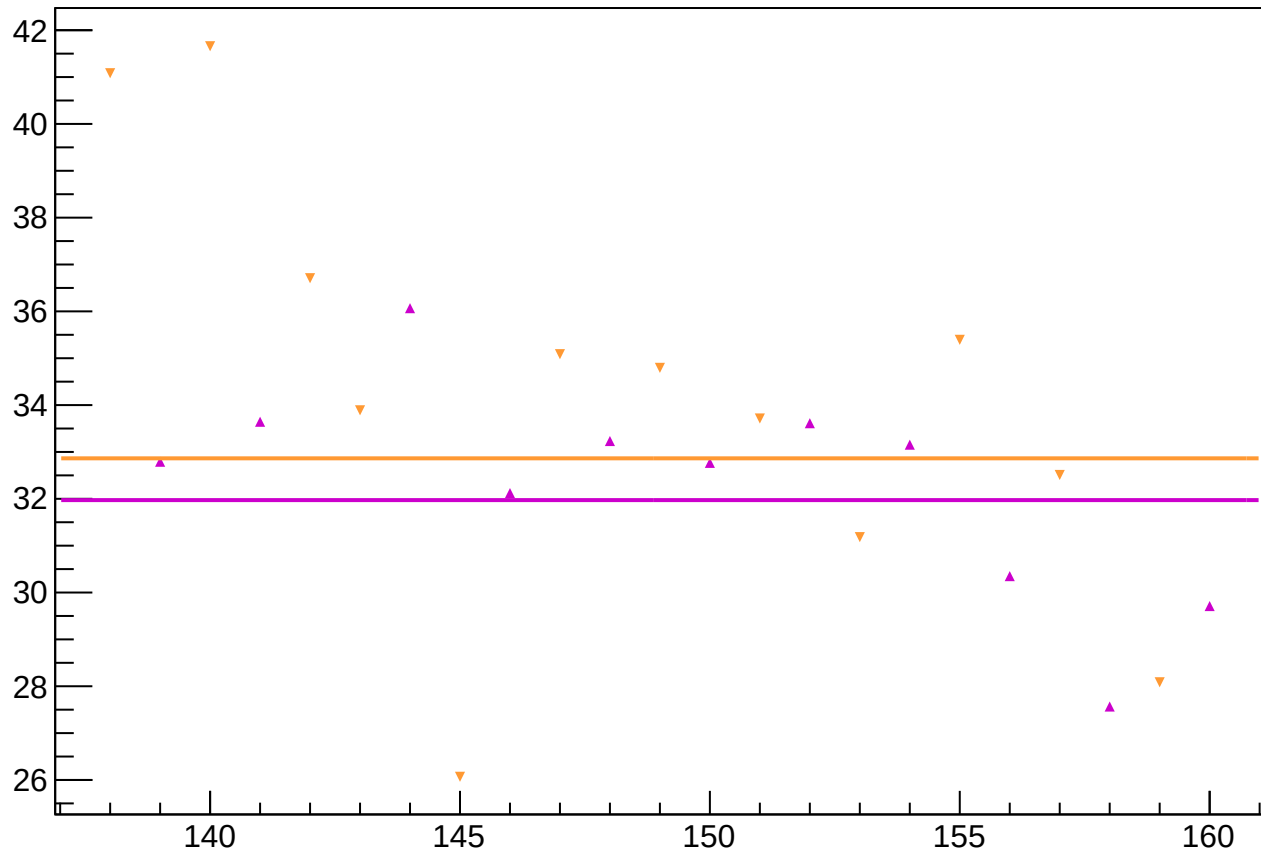
Left In: -2.192+/-10.705 χ^2/NDF :6.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.419+/-7.726 χ^2/NDF : 21.0/22

- 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: 32.864+/-0.008 χ^2/NDF : 307963.3/11

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

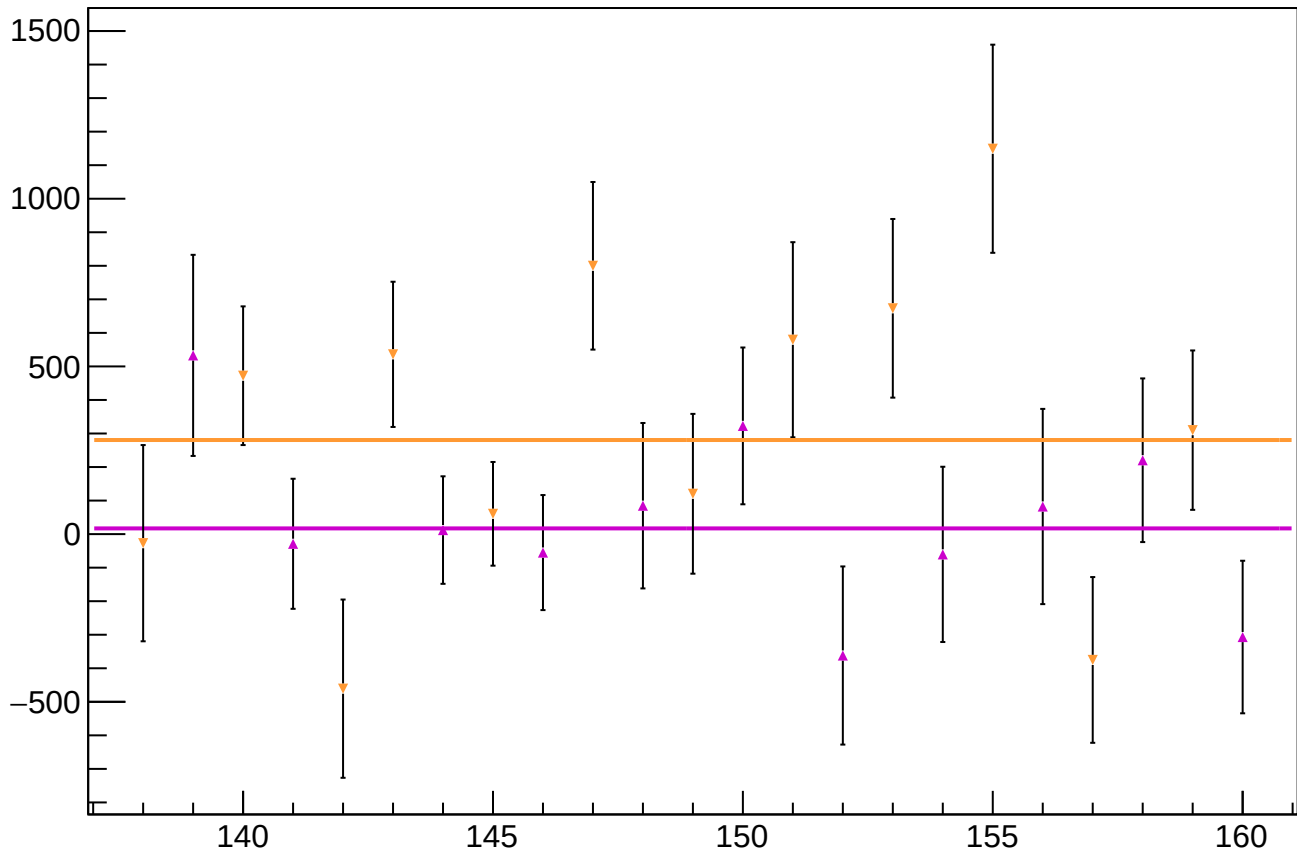
Left In: 31.972+/-0.008 χ^2/NDF : 91608.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.399+/-0.005 χ^2/NDF : 406215.5/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_mean vs Slug



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

Left Out: 280.561+/-67.969 χ^2/NDF : 36.1/11

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

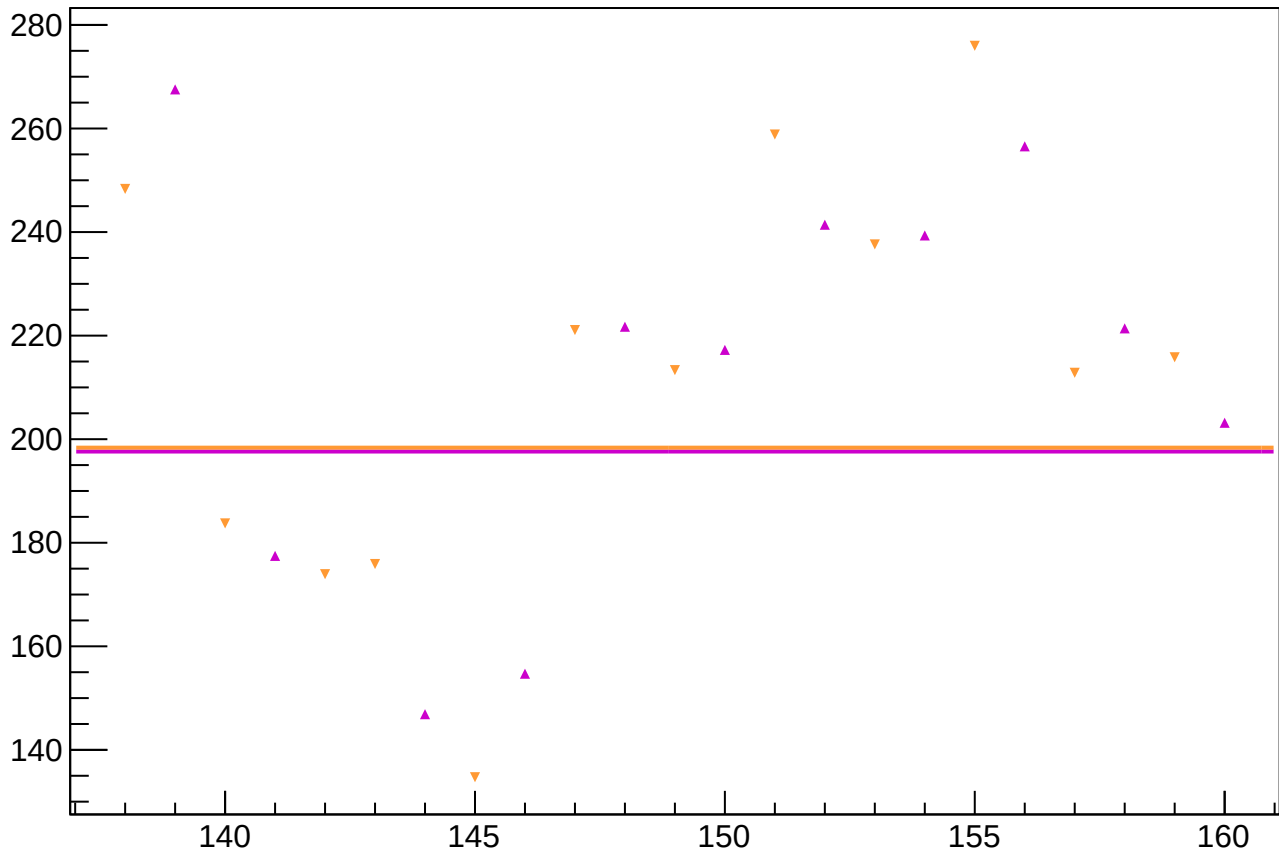
Left In: 17.022+/-67.094 χ^2/NDF : 9.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.084+/-47.749 χ^2/NDF : 53.6/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_rms vs Slug



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

Left Out: 198.365+/-0.048 χ^2/NDF : 742945.0/11

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

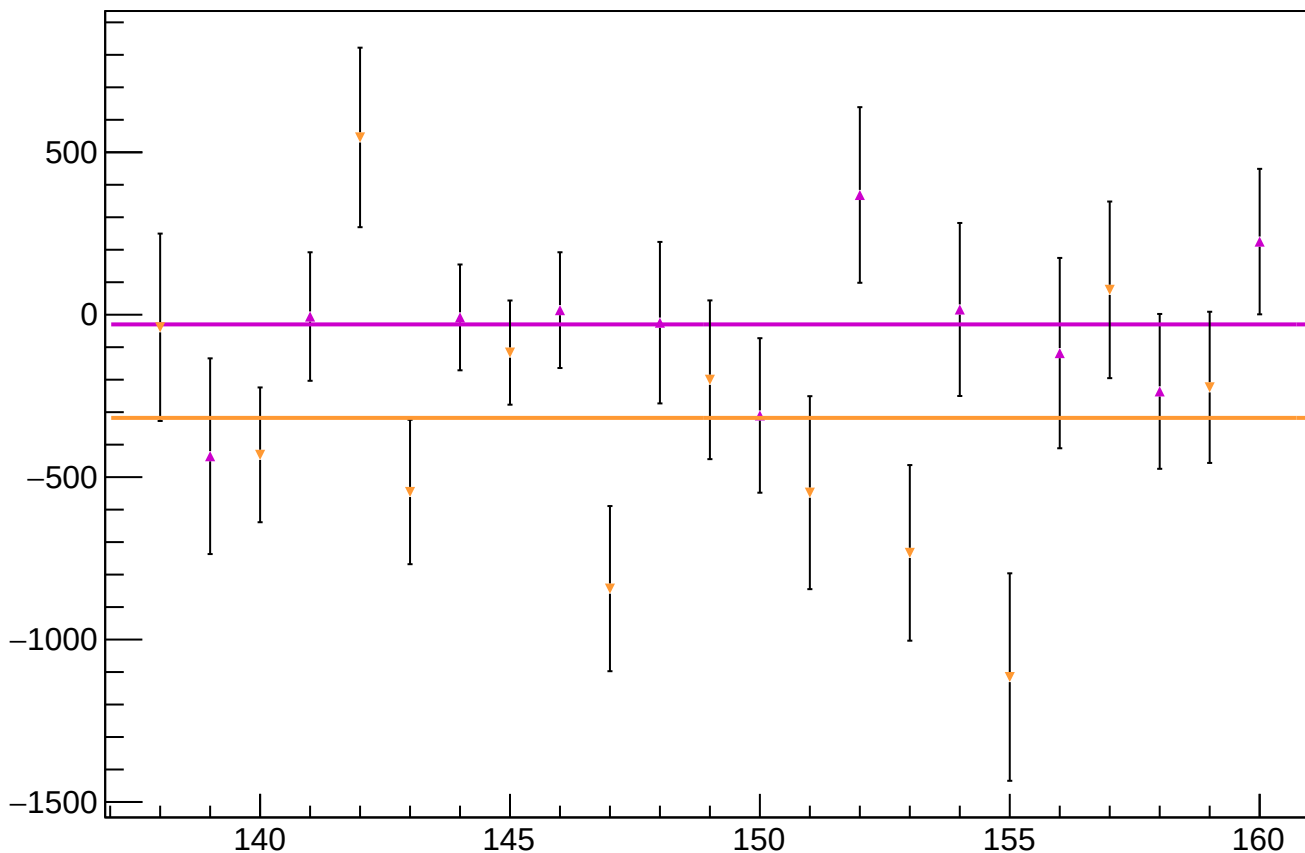
Left In: 197.618+/-0.047 χ^2/NDF : 696737.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.986+/-0.034 χ^2/NDF : 1439805.1/22

- 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: -317.607 $\pm$ 69.585 χ^2 /NDF:29.6/11

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

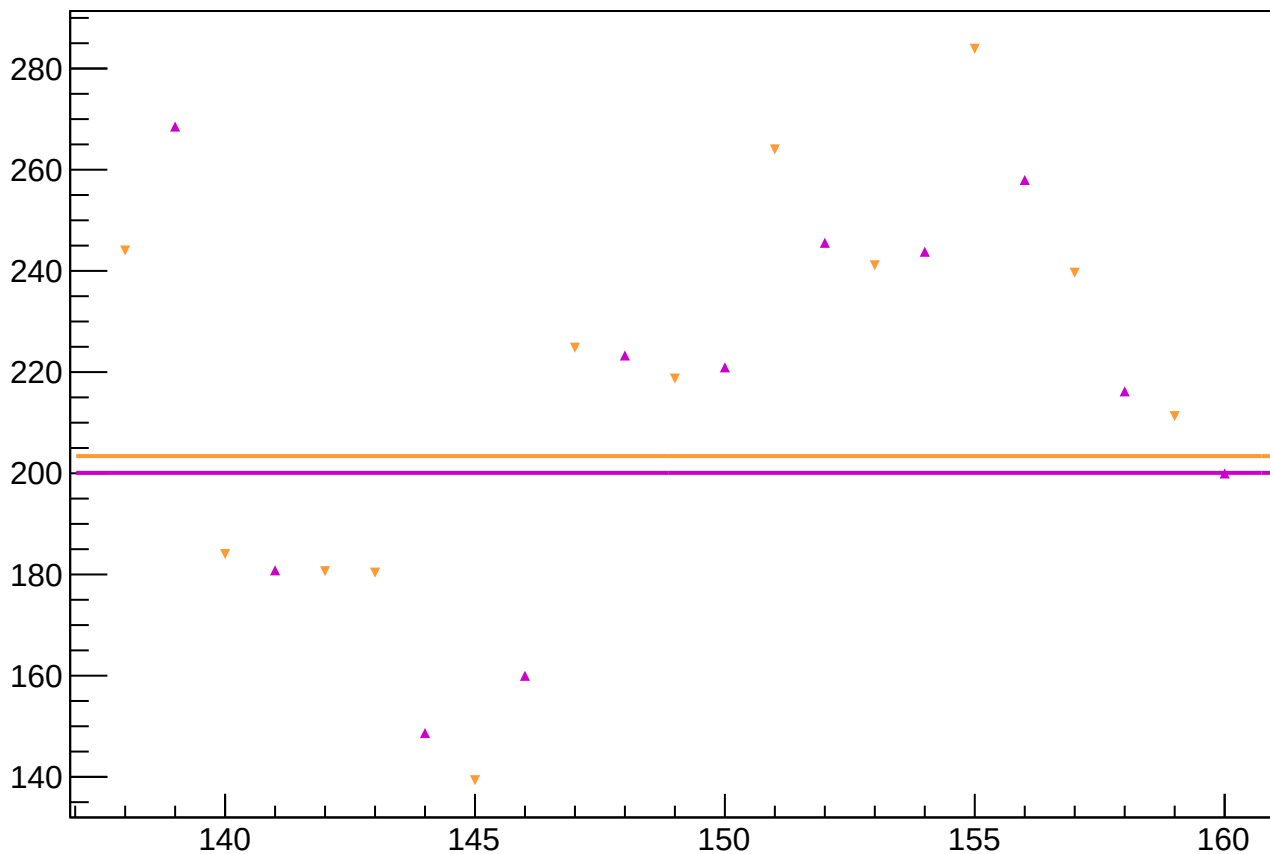
Left In: -29.827 $\pm$ 67.945 χ^2 /NDF:7.6/10

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

All: -170.287 $\pm$ 48.614 χ^2 /NDF: 46.0/22

- 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: 203.399+/-0.049 χ^2/NDF : 720489.7/11

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

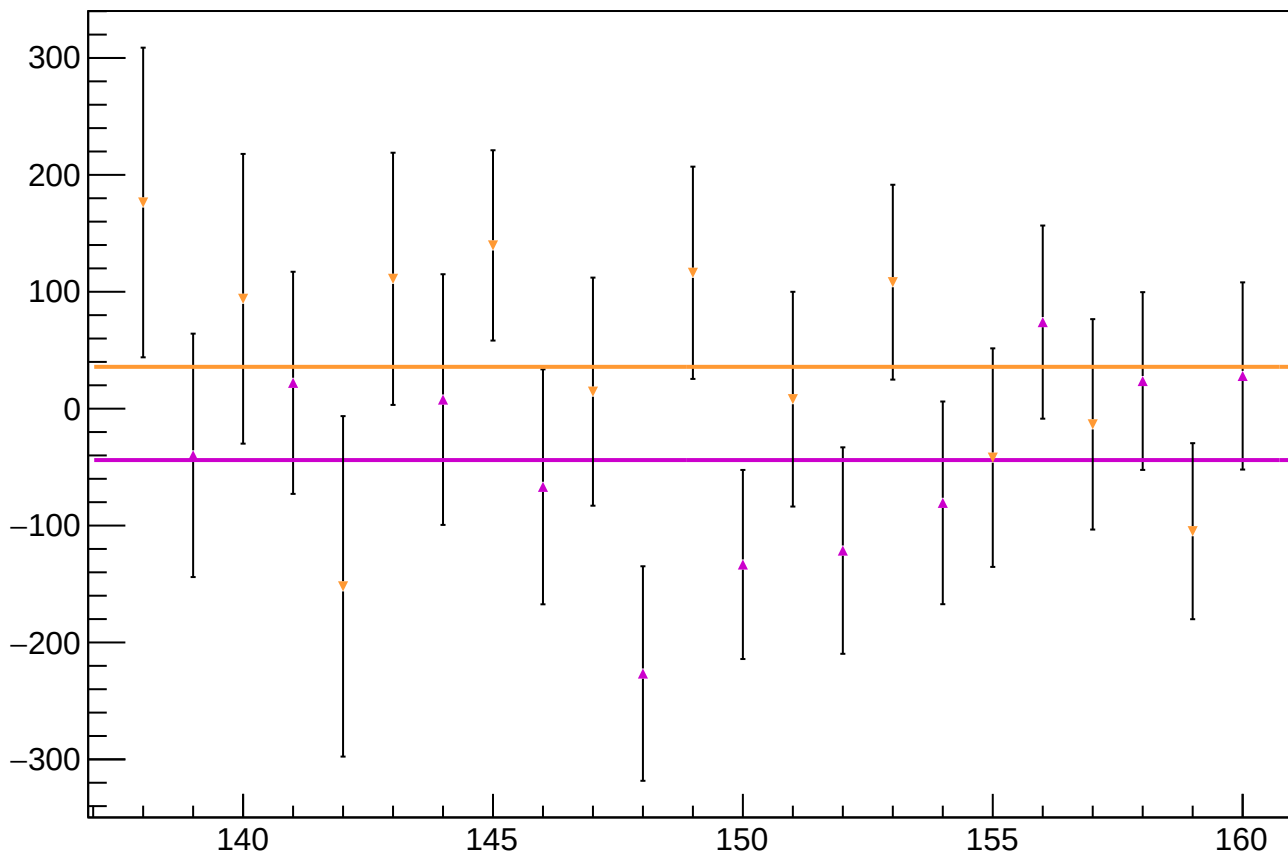
Left In: 200.082+/-0.048 χ^2/NDF : 653395.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.701+/-0.034 χ^2/NDF : 1376211.2/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 35.793+/-27.636 χ^2/NDF : 11.3/11

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

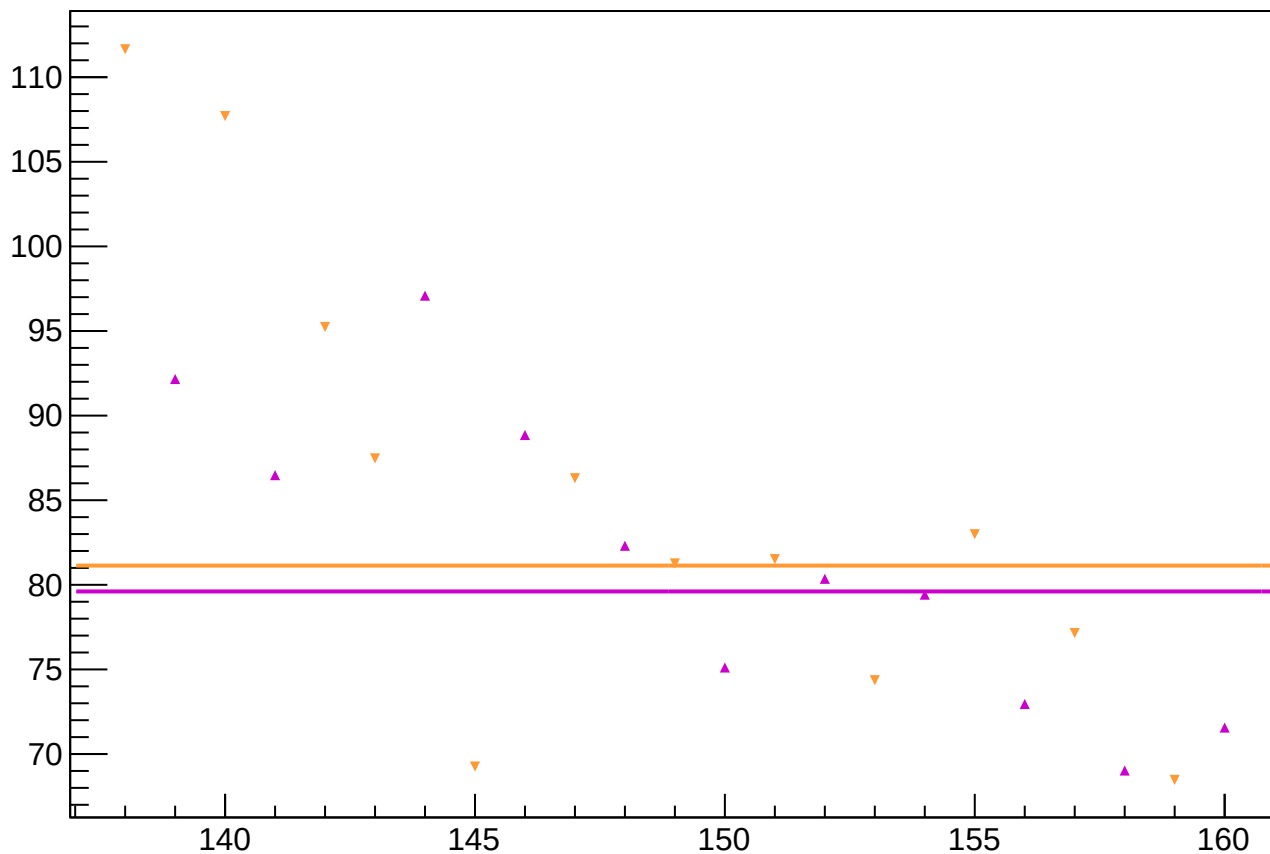
Left In: -43.969+/-26.750 χ^2/NDF : 10.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.387+/-19.221 χ^2/NDF : 26.1/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 81.137+/-0.020 χ^2/NDF : 346435.3/11

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

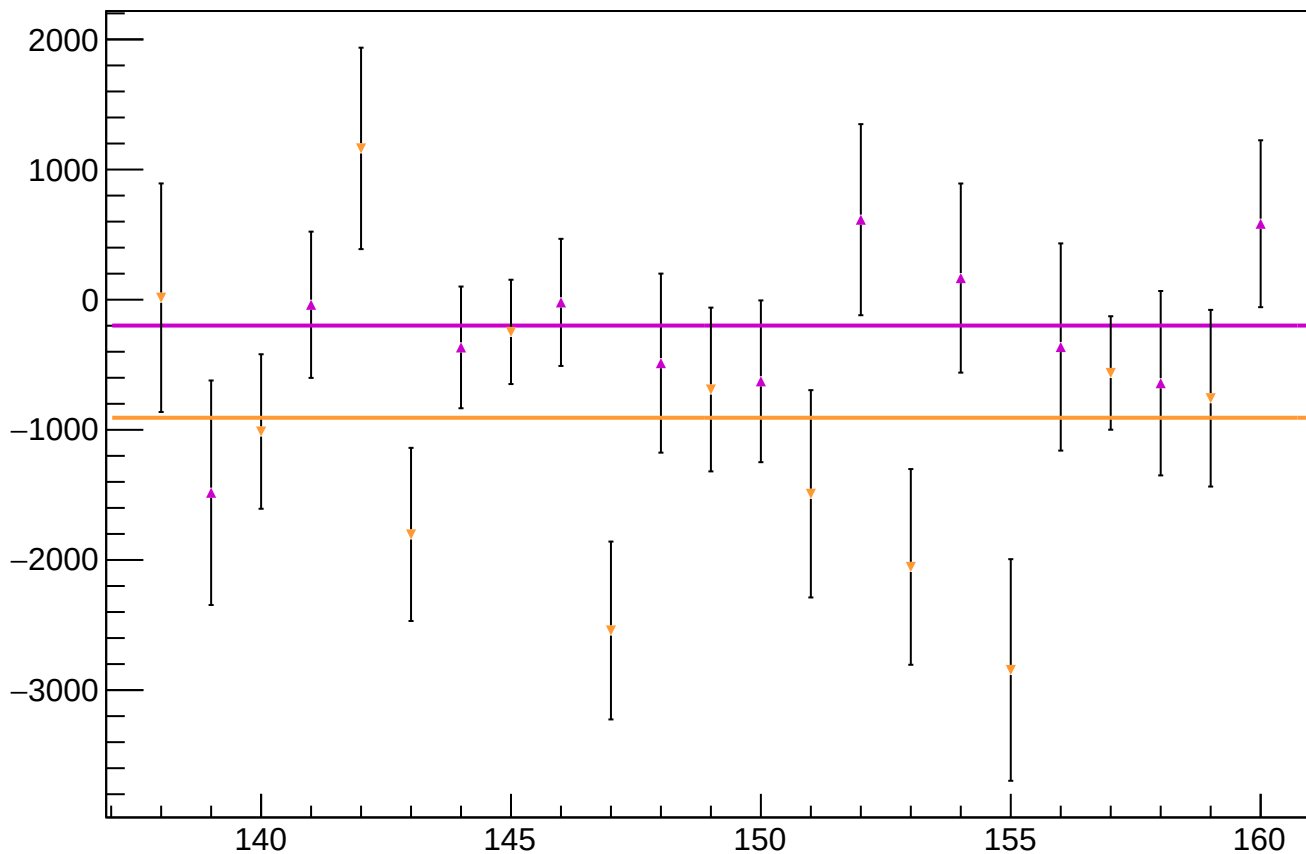
Left In: 79.609+/-0.019 χ^2/NDF : 189601.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.348+/-0.014 χ^2/NDF : 539196.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -907.323+/-179.280 χ^2/NDF : 27.4/11

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

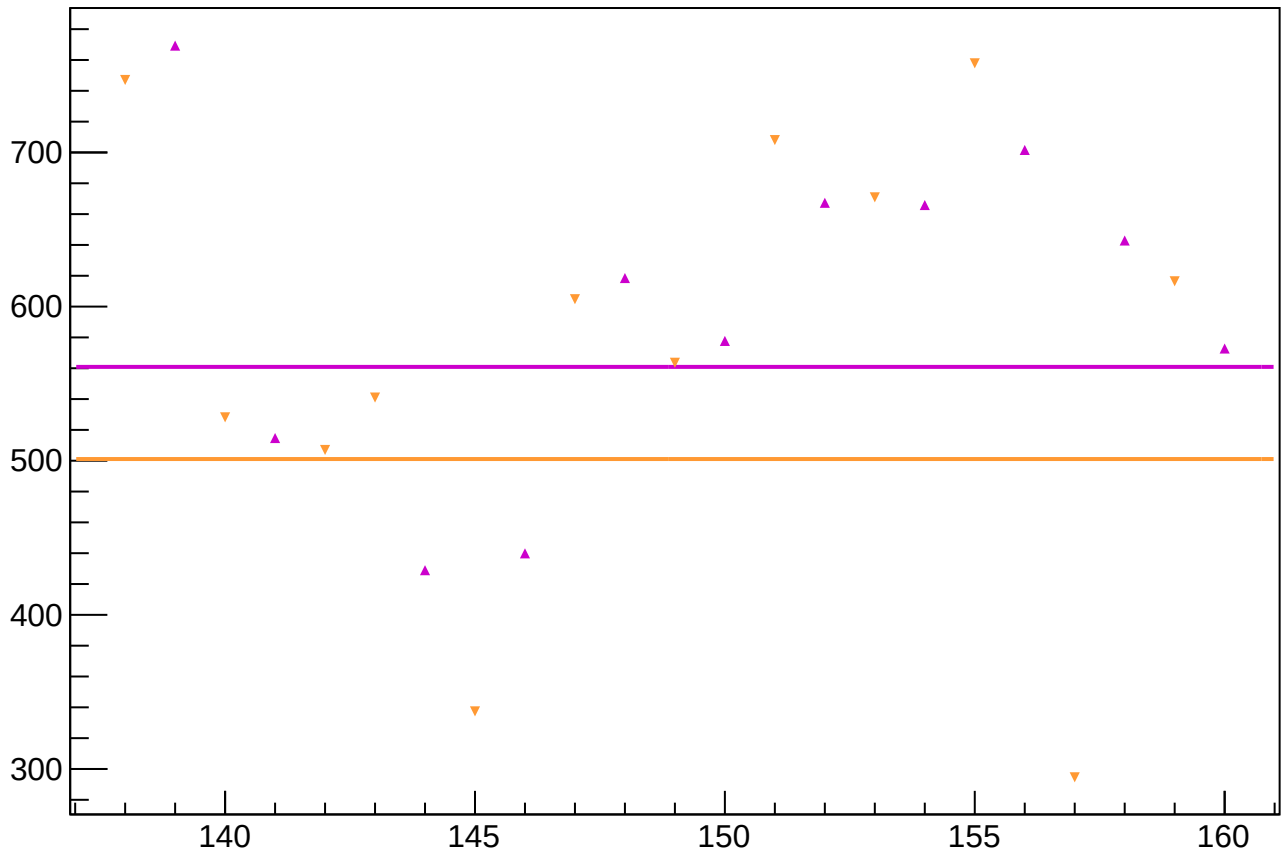
Left In: -198.746+/-189.897 χ^2/NDF : 6.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -573.395+/-130.362 χ^2/NDF : 41.3/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_rms vs Slug



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

Left Out: 501.096+/-0.127 χ^2/NDF :1493229.6/11

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

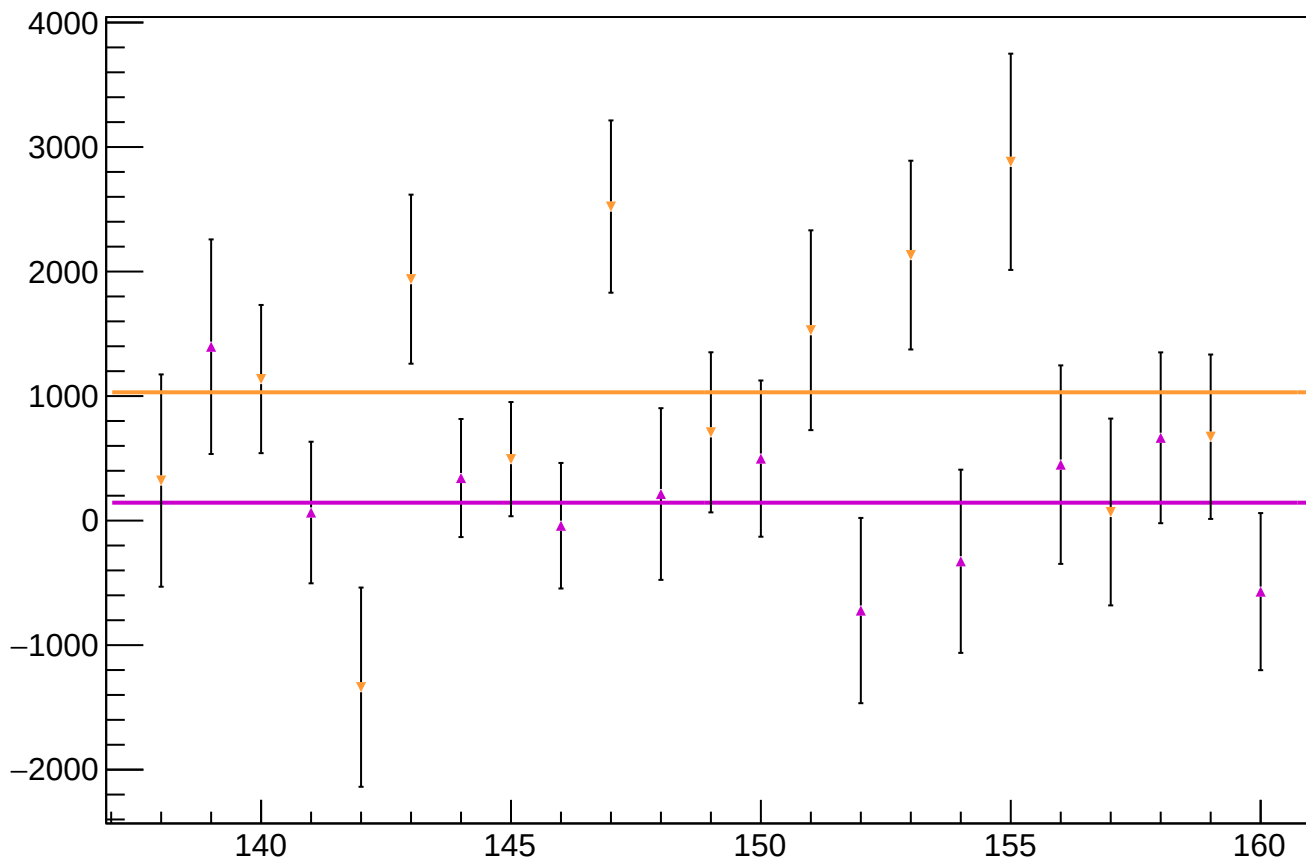
Left In: 560.883+/-0.134 χ^2/NDF :601520.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.271+/-0.092 χ^2/NDF : 2199572.1/22

- 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: 1030.450+/-196.514 χ^2/NDF : 26.5/11

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

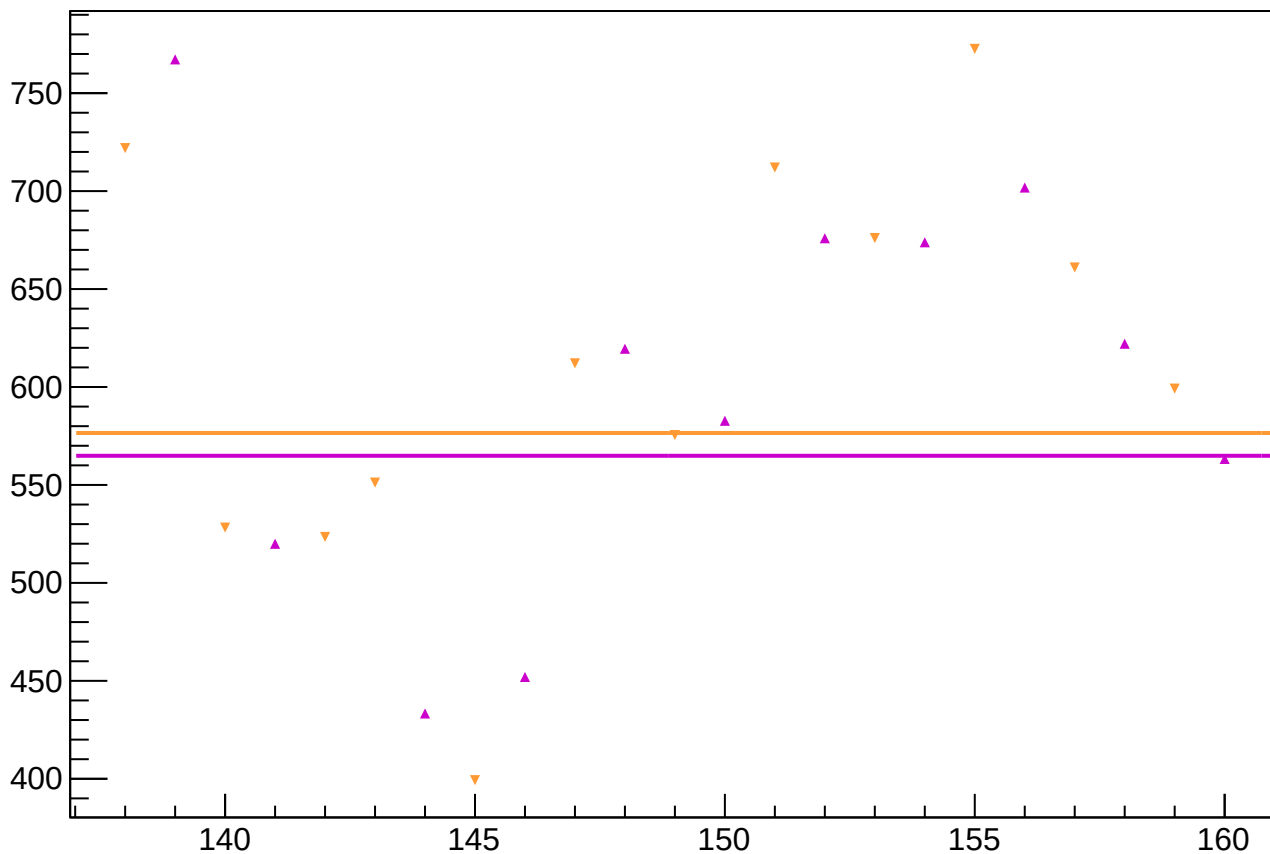
Left In: 143.896+/-191.262 χ^2/NDF : 6.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.168+/-137.062 χ^2/NDF : 43.5/22

- 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: 576.535+/-0.139 χ^2/NDF : 608427.7/11

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

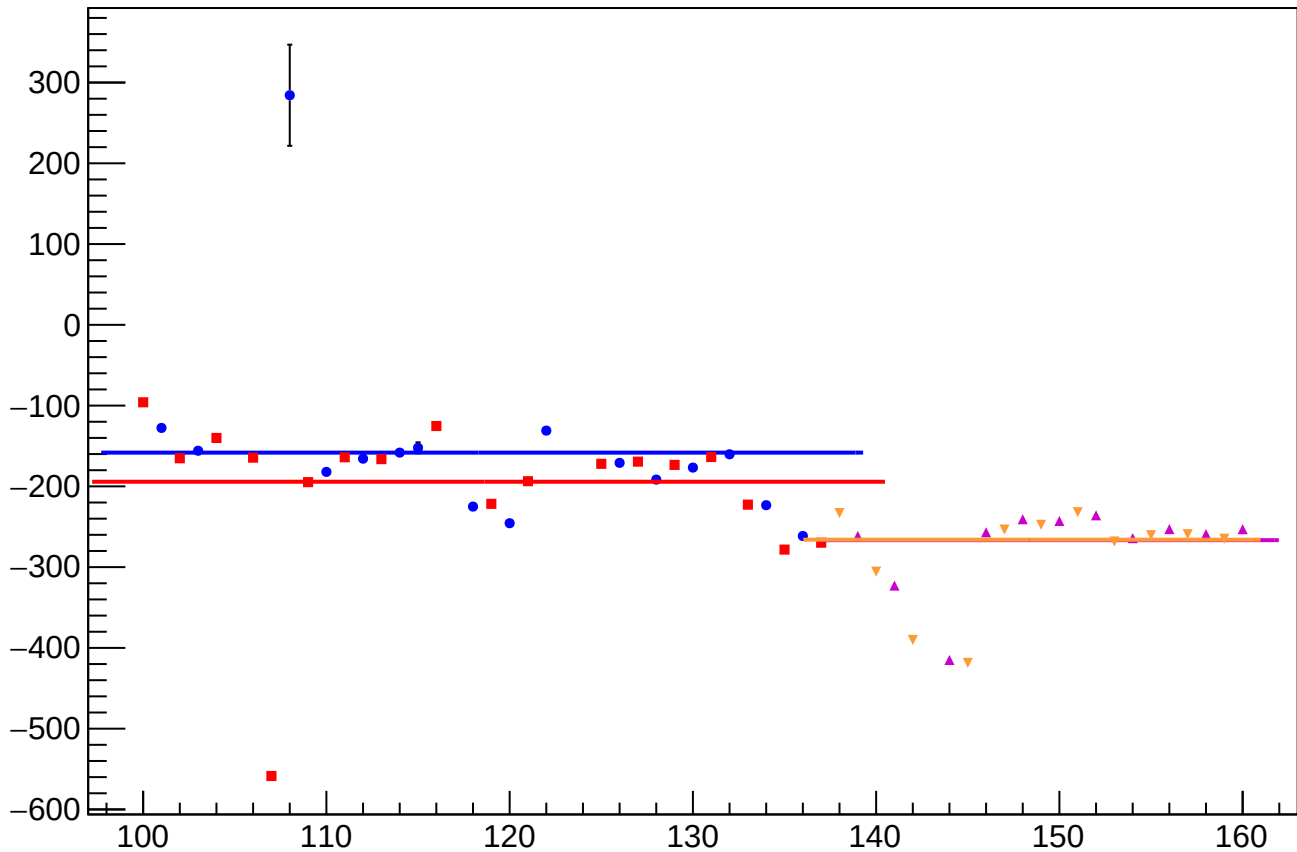
Left In: 564.892+/-0.135 χ^2/NDF : 552586.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.556+/-0.097 χ^2/NDF : 1164619.7/22

- 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: -265.996+/-0.177 χ^2 /NDF: 25255.5/10

Right Out: -194.268+/-0.165 χ^2 /NDF: 176560.4/17

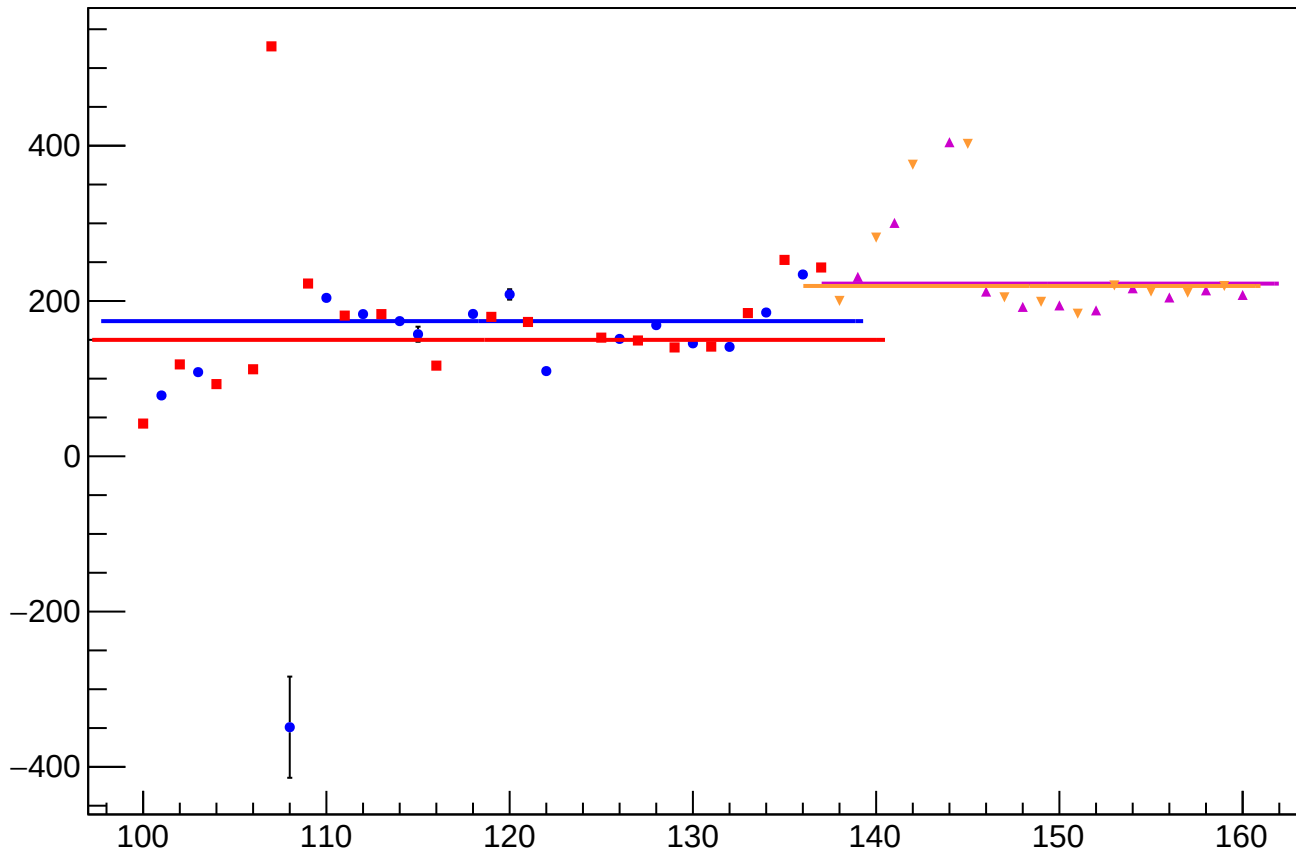
Left In: -266.611+/-0.180 χ^2 /NDF: 44095.7/10

+ sign -158.222+/-0.000 χ^2 /NDF: 511453.9/26

All: -158.222+/-0.000 χ^2 /NDF: 1144151.4/55

- sign -227.420+/-0.122 χ^2 /NDF: 308595.4/28

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 219.373+/-0.176 χ^2/NDF : 33227.2/10

Right Out: 149.948+/-0.196 χ^2/NDF : 167846.4/17

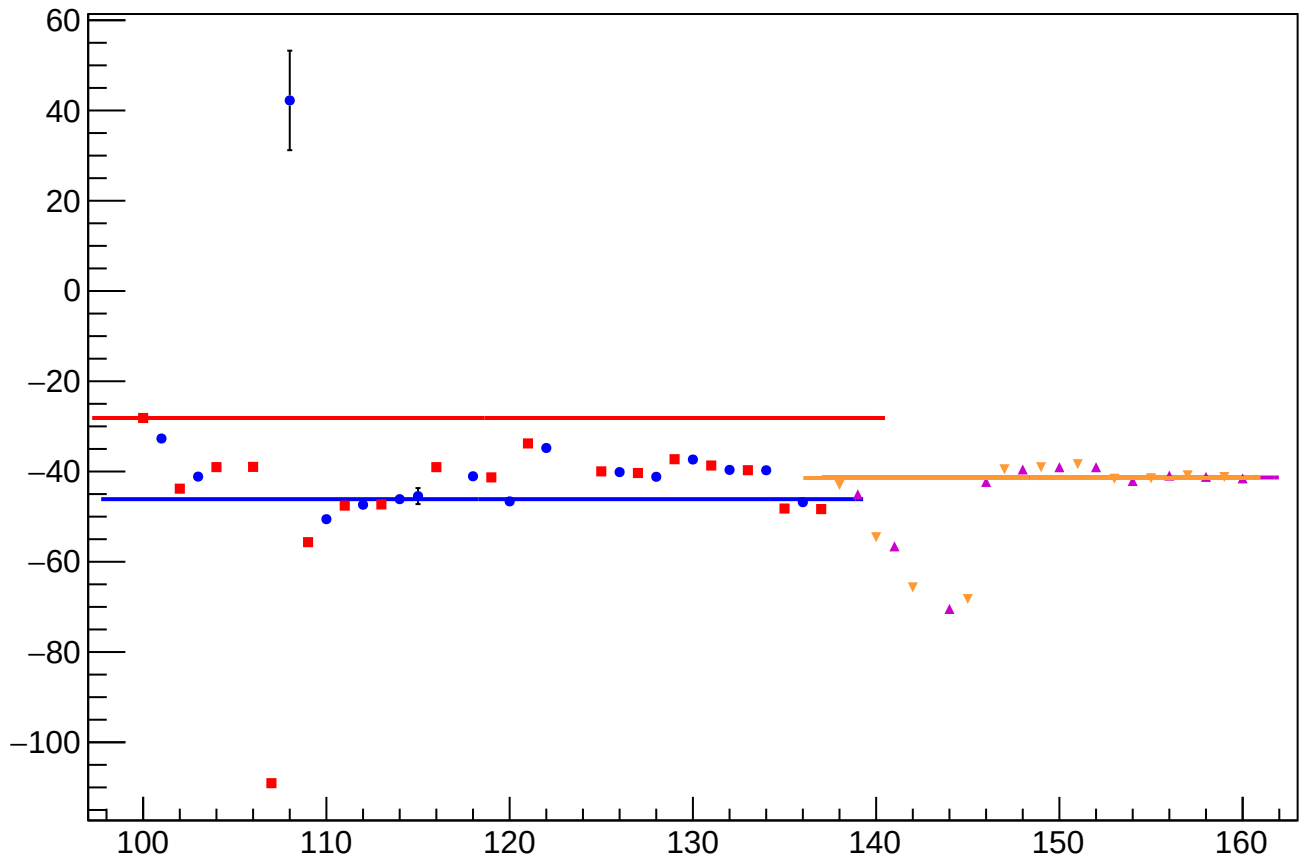
Left In: 222.383+/-0.181 χ^2/NDF : 62219.2/10

+ sign 174.085+/-0.000 χ^2/NDF : 152837.6/26

All: 174.085+/-0.000 χ^2/NDF : 469365.3/55

- sign 188.964+/-0.133 χ^2/NDF : 303977.8/28

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 $\chi^2/\text{NDF}: 201273.7/15$

Left Out: -41.439 ± 0.009 $\chi^2/\text{NDF}: 84258.0/10$

Right Out: -28.139 ± 0.000 $\chi^2/\text{NDF}: 746939.9/17$

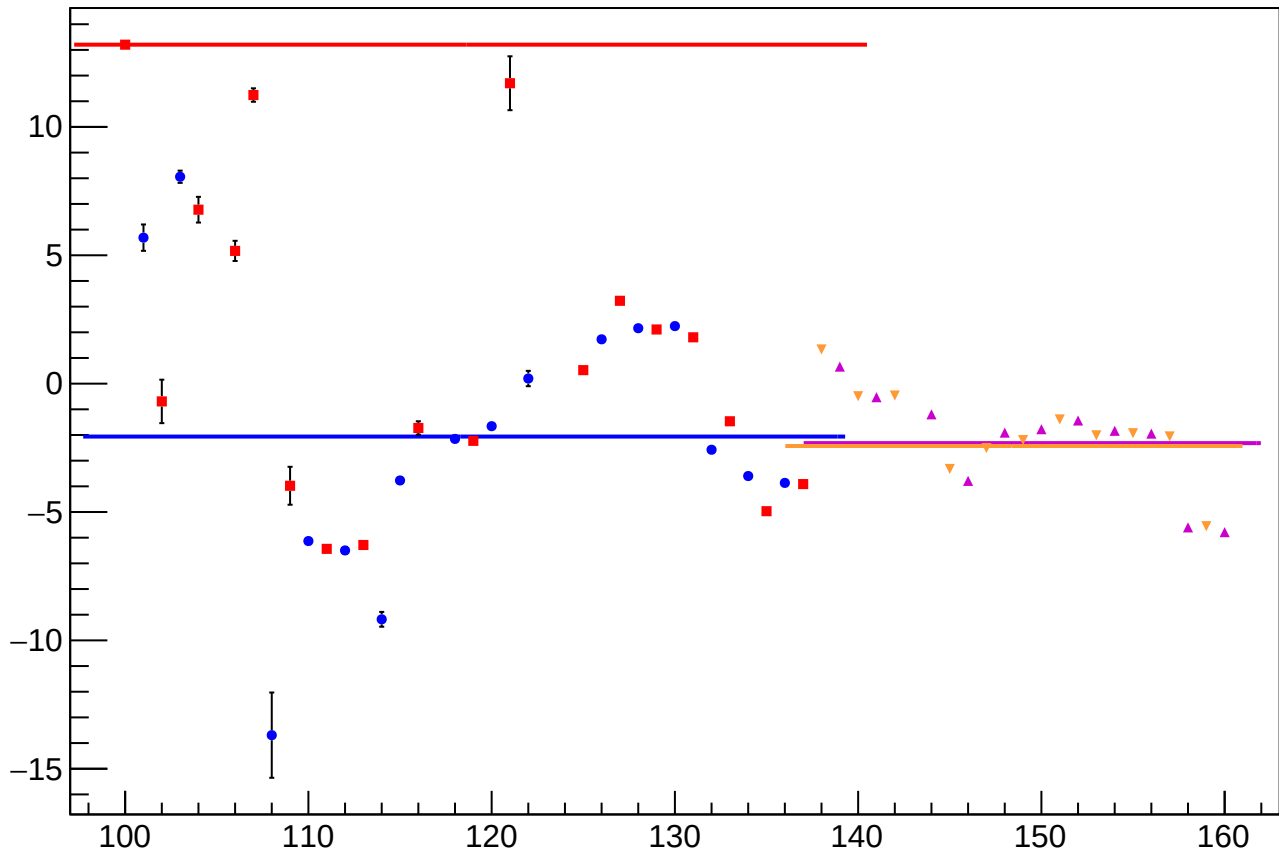
Left In: -41.326 ± 0.010 $\chi^2/\text{NDF}: 154793.4/10$

+ sign -46.126 ± 0.000 $\chi^2/\text{NDF}: 583751.2/26$

All: -39.778 ± 0.000 $\chi^2/\text{NDF}: 248795993231$

- sign -28.139 ± 0.000 $\chi^2/\text{NDF}: 2611447.4/28$

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 $\chi^2/\text{NDF}: 25665.1/15$

Left Out: -2.428 ± 0.010 $\chi^2/\text{NDF}: 29900.1/10$

Right Out: 13.204 ± 0.000 $\chi^2/\text{NDF}: 509721.0/17$

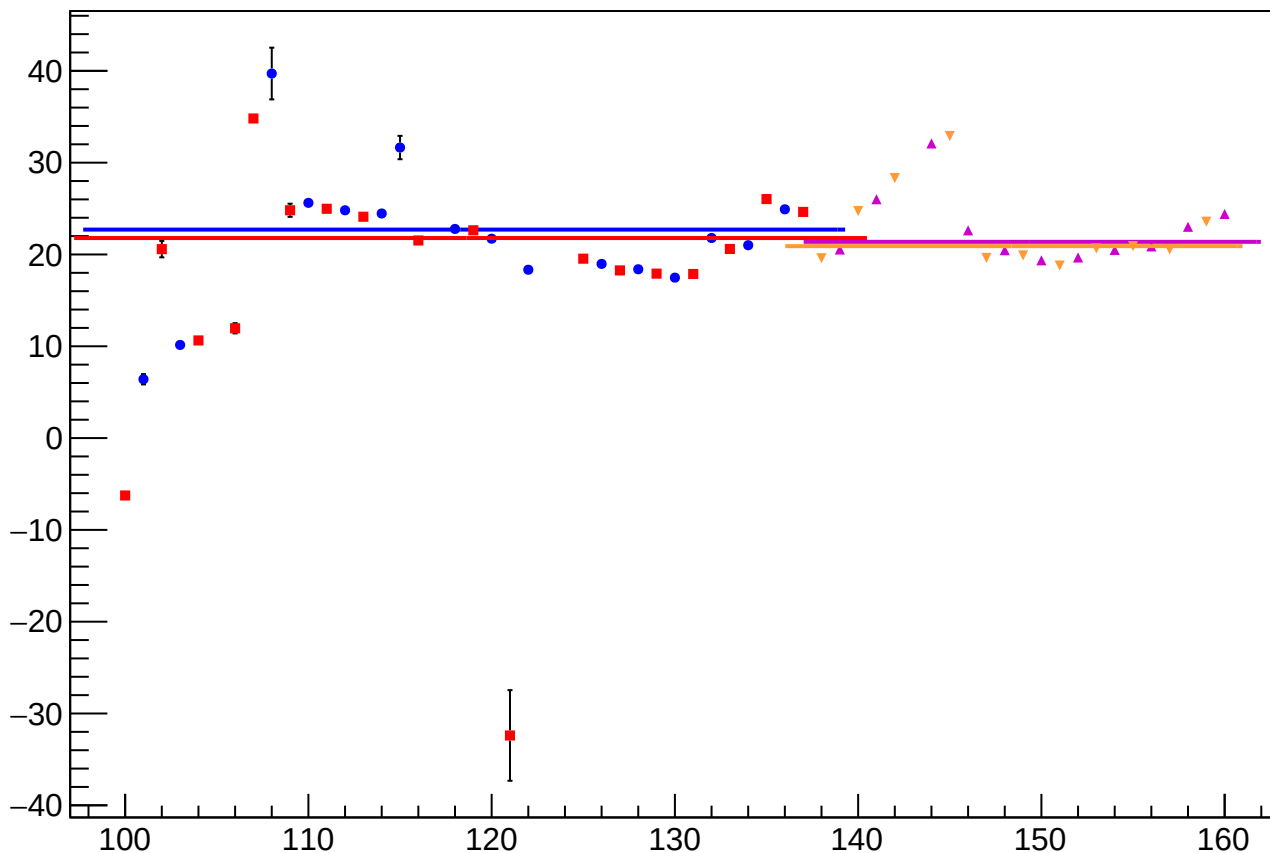
Left In: -2.316 ± 0.008 $\chi^2/\text{NDF}: 47355.9/10$

+ sign -2.347 ± 0.008 $\chi^2/\text{NDF}: 55895.3/26$

All: 13.204 ± 0.000 $\chi^2/\text{NDF}: 8274026.0/55$

- sign 13.204 ± 0.000 $\chi^2/\text{NDF}: 4797377.2/28$

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 20.906 $\pm$ 0.011 χ^2 /NDF: 21853.2/10

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

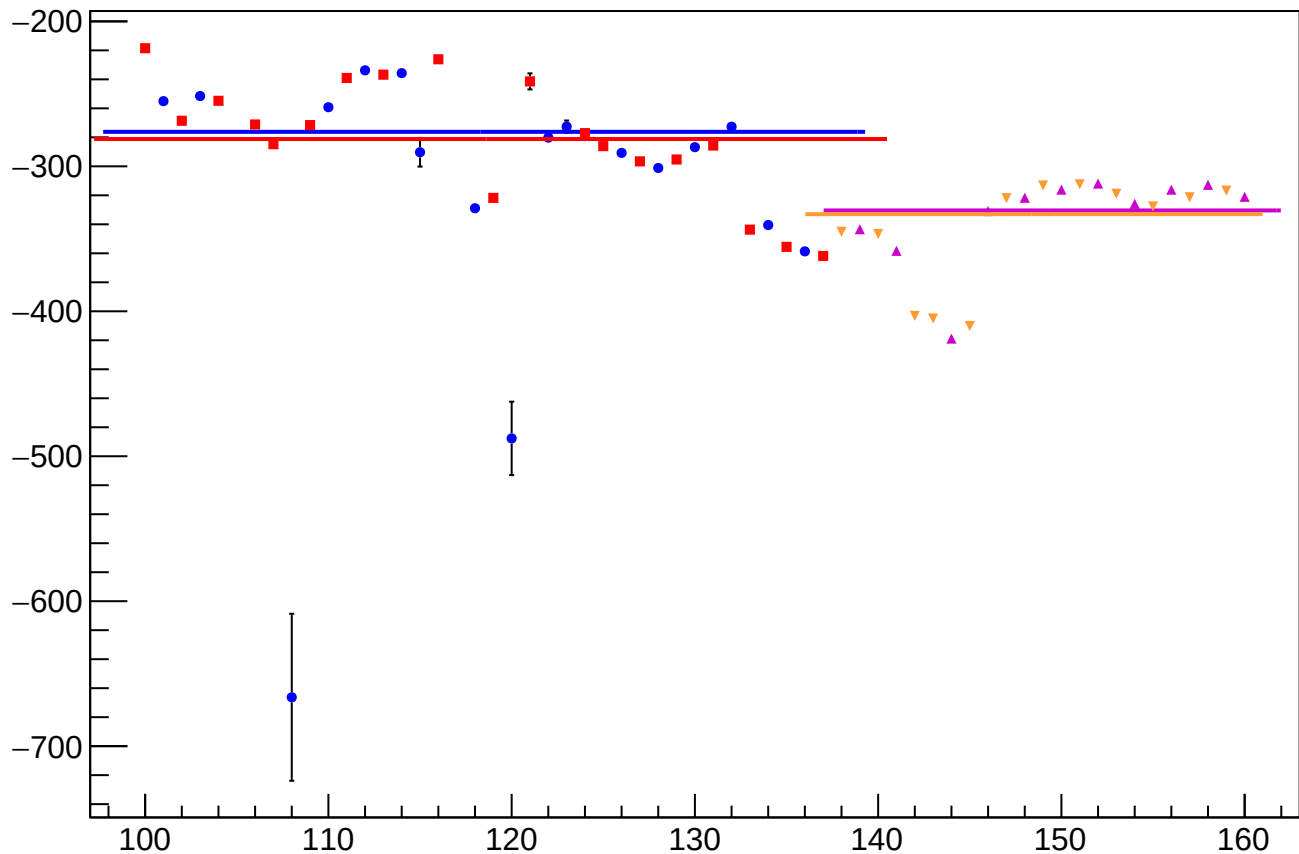
Left In: 21.378 $\pm$ 0.009 χ^2 /NDF: 52695.5/10

+ sign 21.392 $\pm$ 0.010 χ^2 /NDF: 51386.9/26

All: 21.419 $\pm$ 0.006 χ^2 /NDF: 131079.7/55

- 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: -333.020 ± 0.164 χ^2/NDF : 26318.1/11

Right Out: -281.150 ± 0.148 χ^2/NDF : 77611.5/18

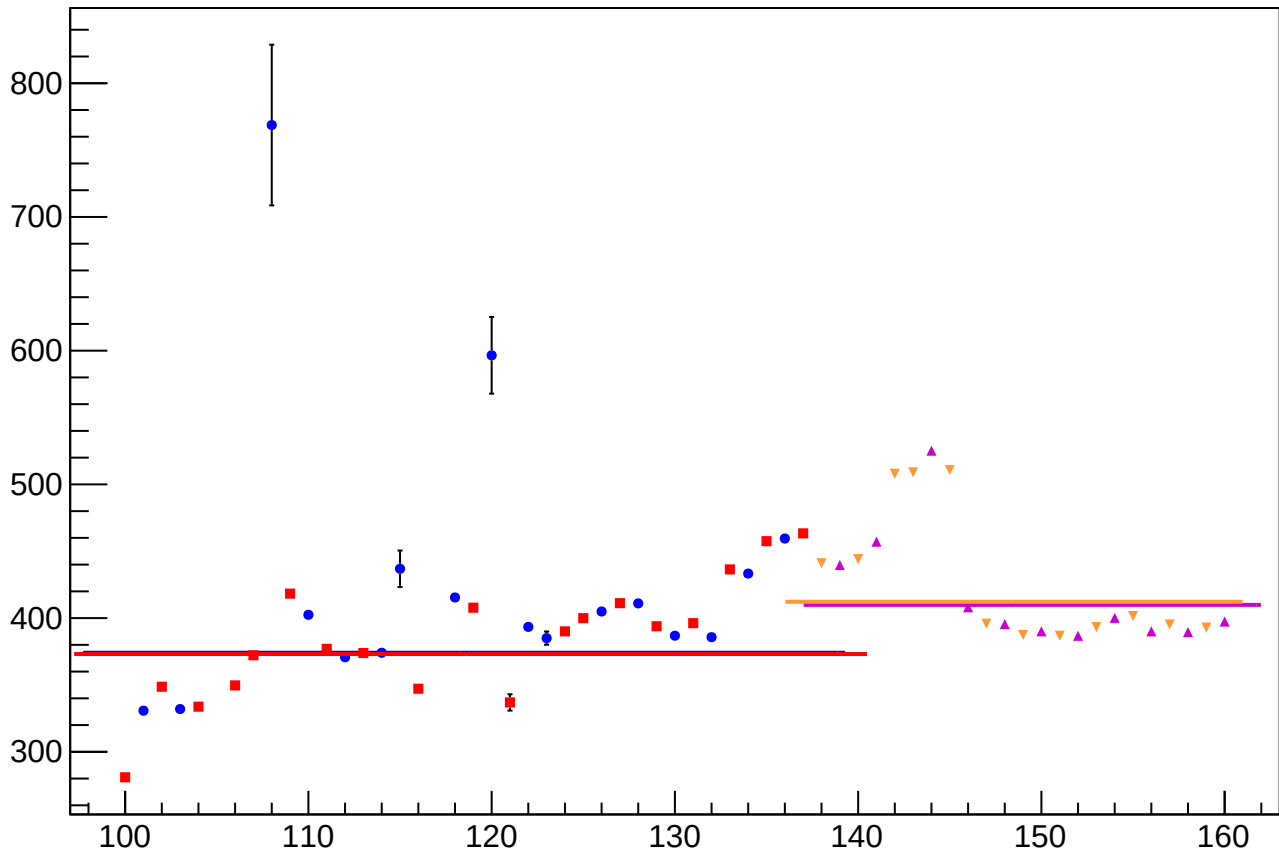
Left In: -330.429 ± 0.128 χ^2/NDF : 35079.6/10

+ sign -305.127 ± 0.117 χ^2/NDF : 143664.6/28

All: -307.541 ± 0.075 χ^2/NDF : 320574.6/58

- 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: 412.224 $\pm$ 0.163 χ^2 /NDF: 47993.6/11

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

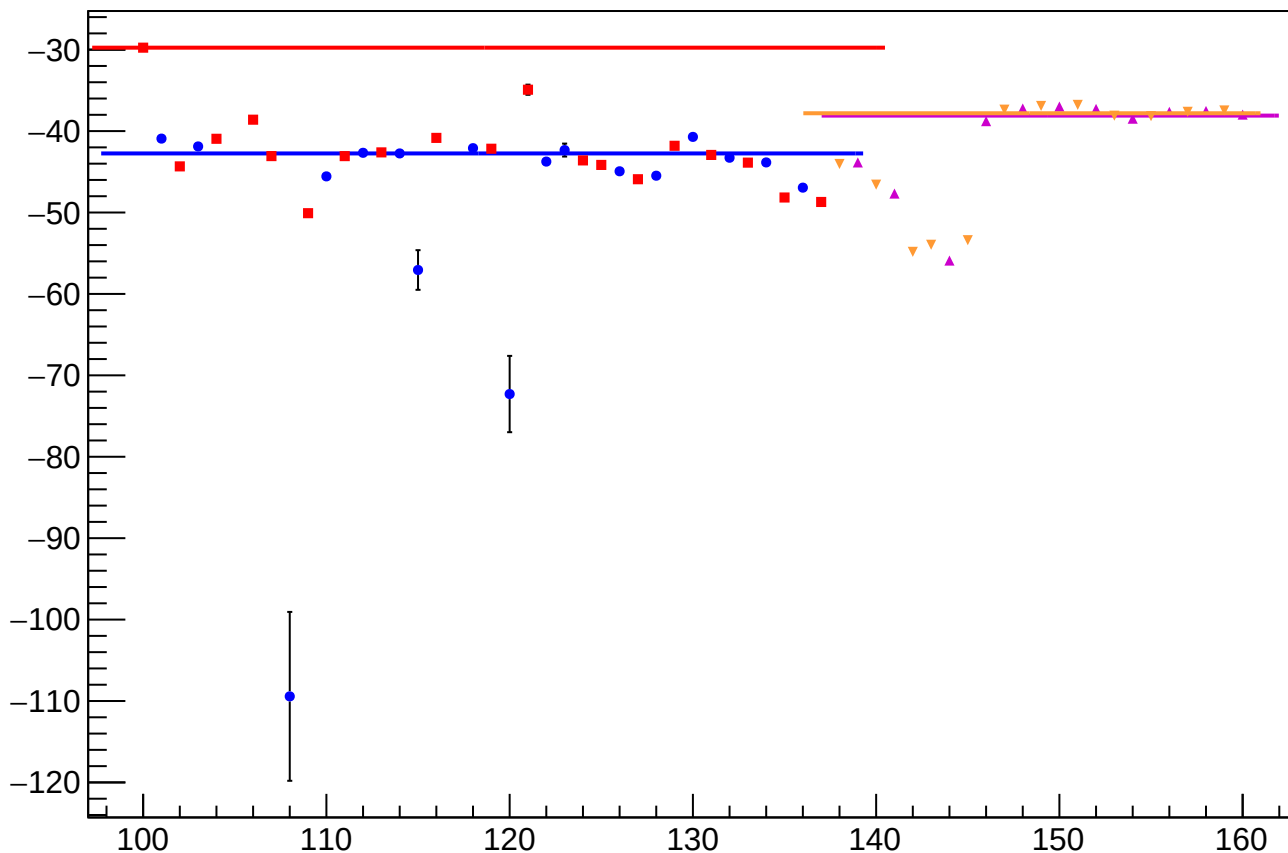
Left In: 409.887 $\pm$ 0.130 χ^2 /NDF: 59839.1/10

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 137460.4/28

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 381567.9/58

- sign 395.068 $\pm$ 0.100 χ^2 /NDF: 200371.8/29

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -37.809+/-0.005 χ^2/NDF : 249792.7/11

Right Out: -29.754+/-0.000 χ^2/NDF : 483930.3/18

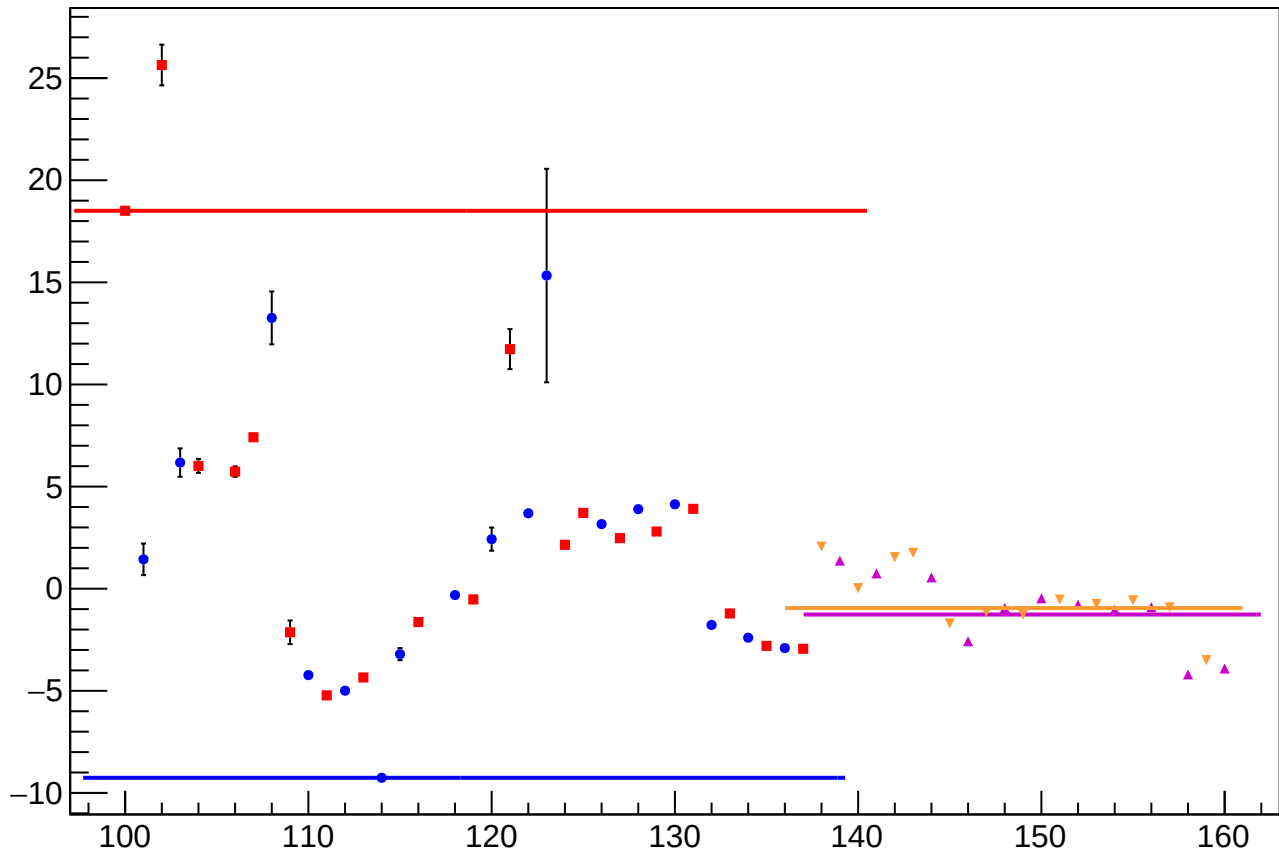
Left In: -38.098+/-0.005 χ^2/NDF : 144869.2/10

+ sign -42.744+/-0.000 χ^2/NDF : 1187020.9/28

All: -38.159+/-0.000 χ^2/NDF : 129765212680

- sign -29.754+/-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: -0.947 ± 0.008 χ^2/NDF : 29405.8/11

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

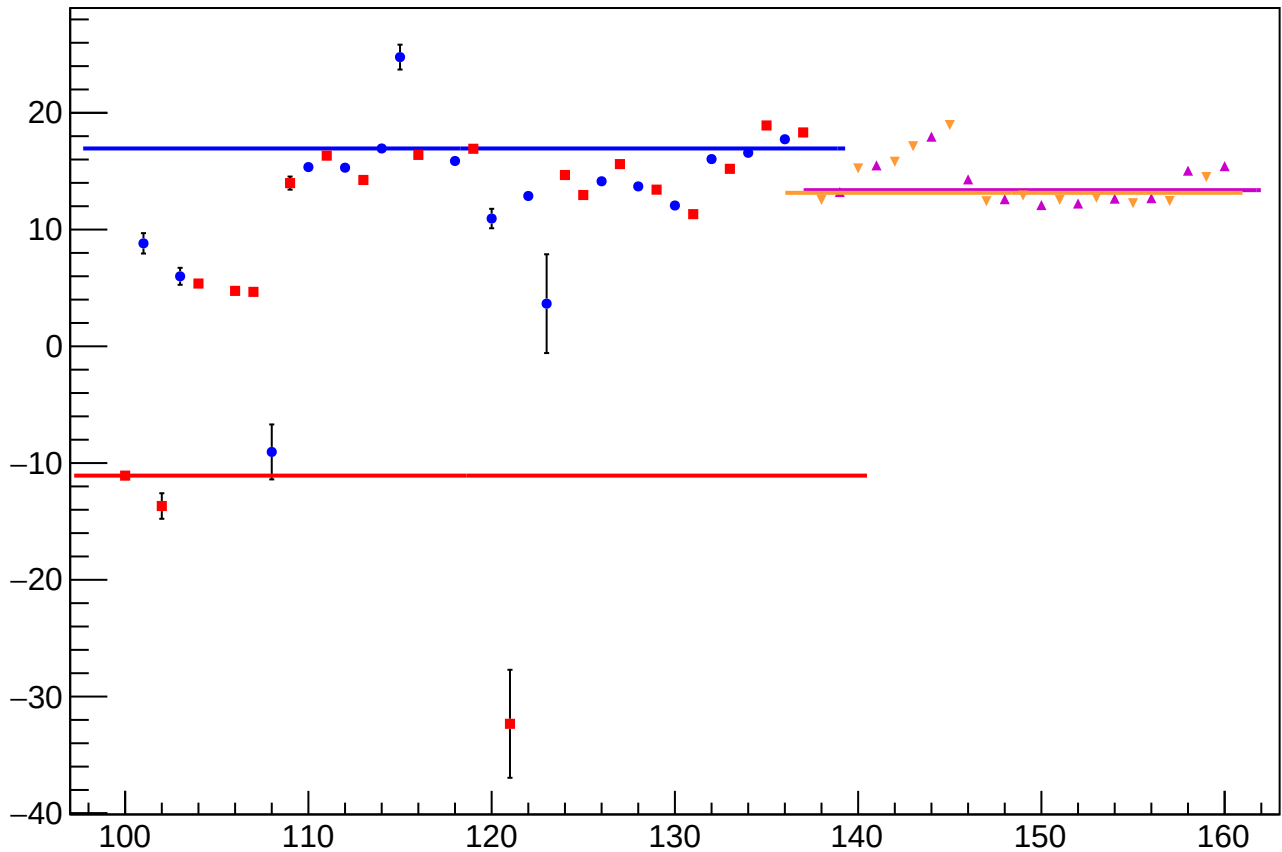
Left In: -1.264 ± 0.008 χ^2/NDF : 42089.3/10

+ sign -9.259 ± 0.000 χ^2/NDF : 1462660.6/28

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+/-0.000 χ^2 /NDF: 11231.8/16

Left Out: 13.148+/-0.010 χ^2 /NDF:15460.2/11

Right Out: -11.075+/-0.000 χ^2 /NDF: 2712010.0/18

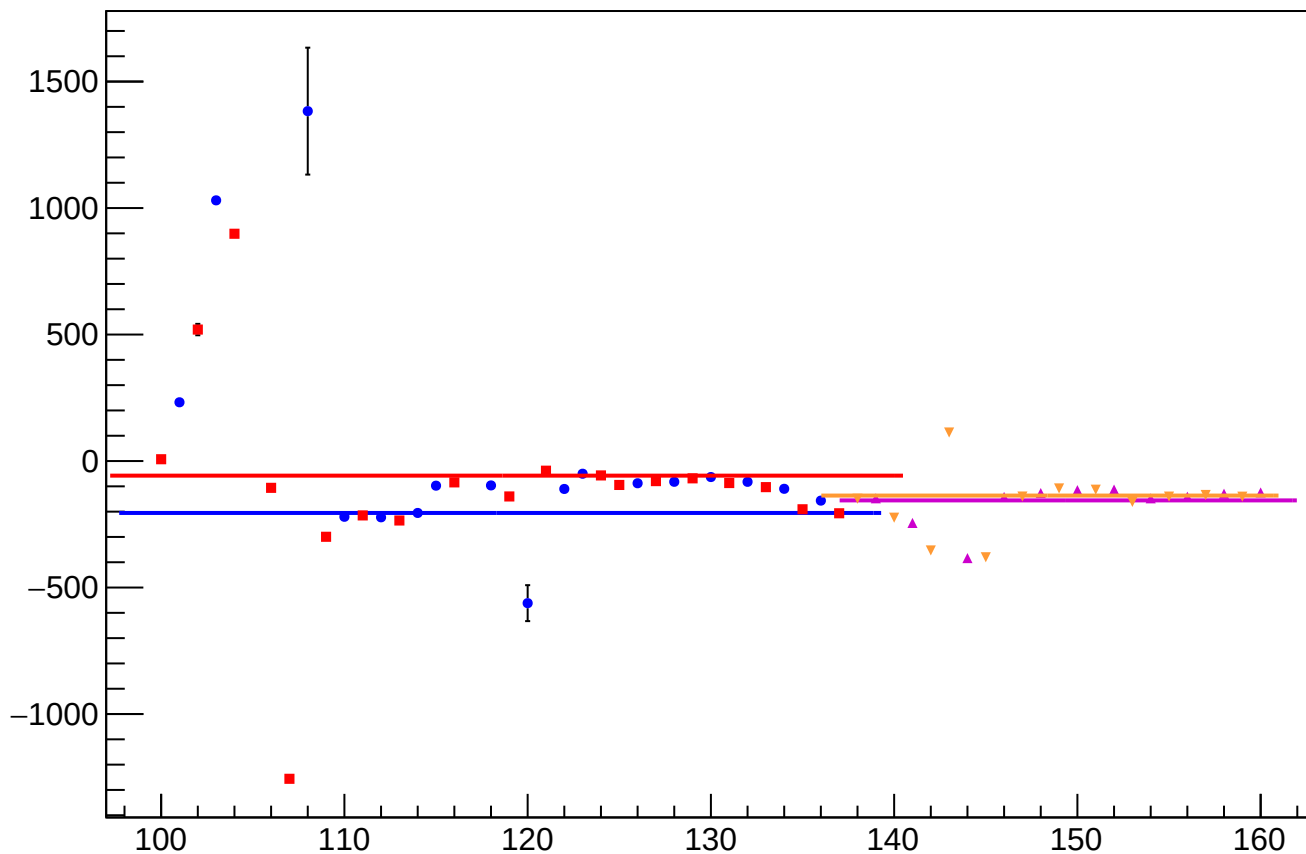
Left In: 13.375+/-0.011 χ^2 /NDF:16068.9/10

+ sign 16.947+/-0.000 χ^2 /NDF: 173863.0/28

All: -2.268+/-0.000 χ^2 /NDF: 4692527454635

- sign -11.075+/-0.000 χ^2 /NDF: 7709247.3/29

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 582775.6/16$

Left Out: -136.429 ± 0.285 $\chi^2/\text{NDF}: 43145.5/11$

Right Out: -57.684 ± 0.283 $\chi^2/\text{NDF}: 114854.9/18$

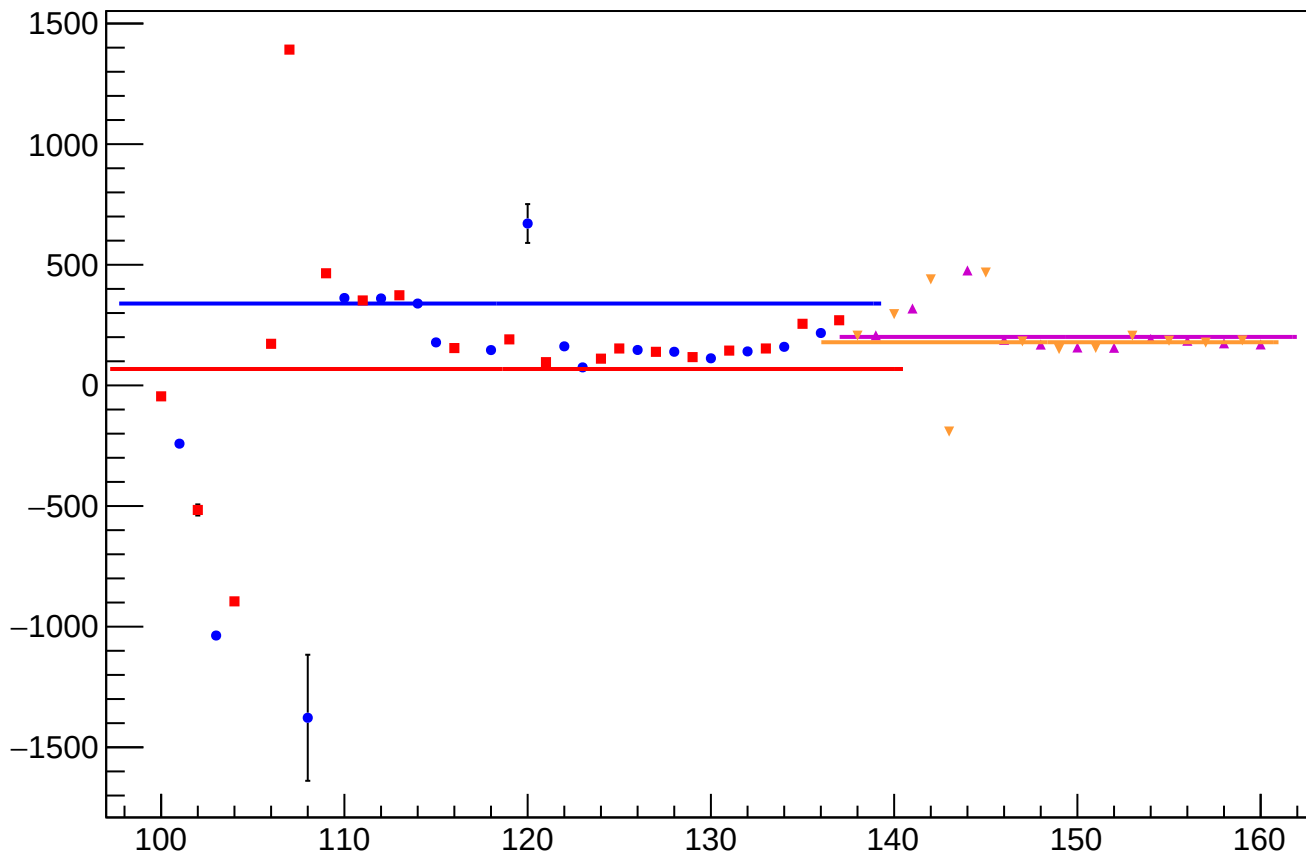
Left In: -155.557 ± 0.337 $\chi^2/\text{NDF}: 39848.0/10$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 683923.5/28$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1131235.1/58$

- sign -98.276 ± 0.217 $\chi^2/\text{NDF}: 204185.5/29$

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 178.928+/-0.285 χ^2/NDF : 79064.0/11

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

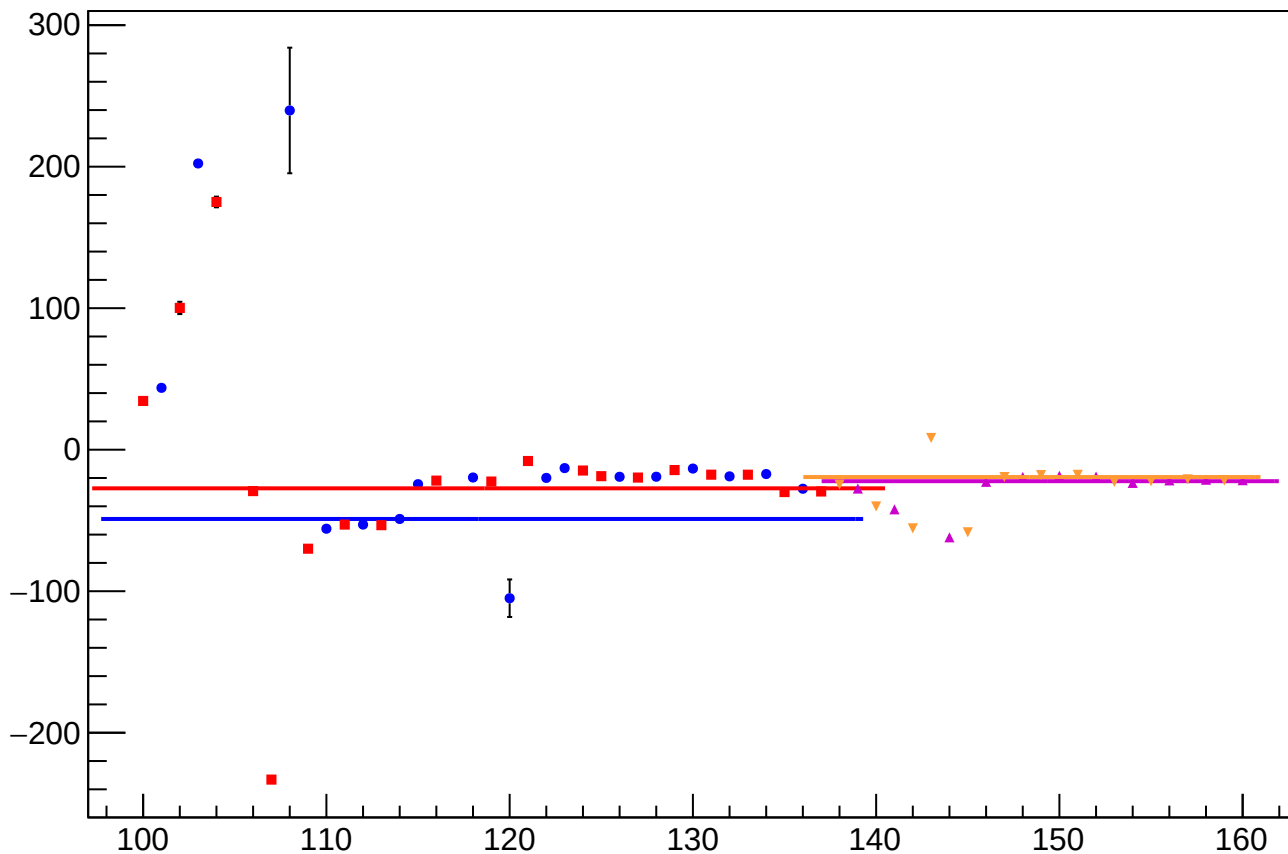
Left In: 201.003+/-0.341 χ^2/NDF : 46386.2/10

+ sign 339.325+/-0.000 χ^2/NDF : 1425785.7/28

All: 339.325+/-0.000 χ^2/NDF : 2808764.8/58

- sign 123.028+/-0.219 χ^2/NDF : 408090.3/29

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5408370.4/16$

Left Out: -19.330 ± 0.013 $\chi^2/\text{NDF}: 564337.0/11$

Right Out: -27.303 ± 0.052 $\chi^2/\text{NDF}: 167879.9/18$

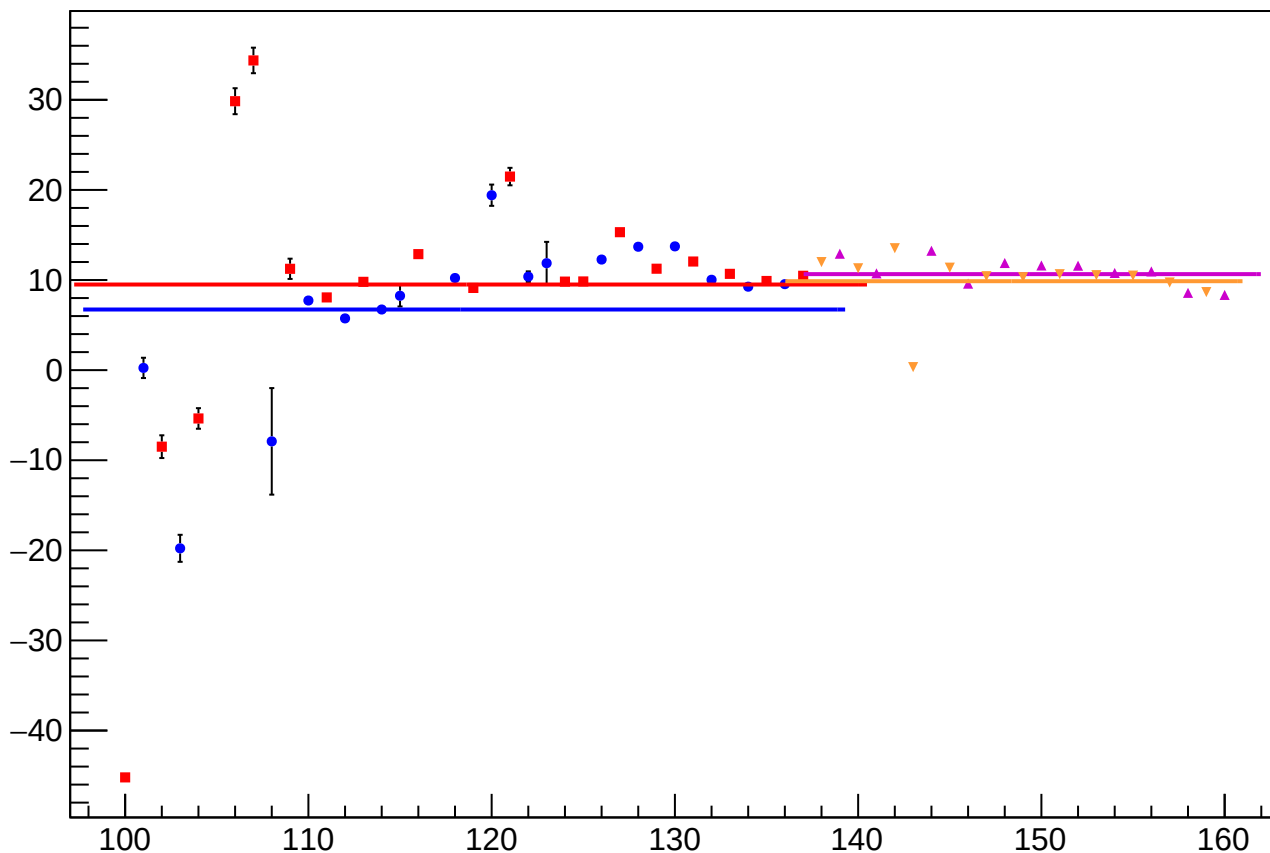
Left In: -22.249 ± 0.019 $\chi^2/\text{NDF}: 119780.0/10$

+ sign -48.945 ± 0.000 $\chi^2/\text{NDF}: 10822667.5/28$

All: -48.945 ± 0.000 $\chi^2/\text{NDF}: 13265786.0/58$

- sign -22.849 ± 0.018 $\chi^2/\text{NDF}: 296084.7/29$

dit_atl1_4aY_slope vs Slug



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 9.870 $\pm$ 0.020 χ^2 /NDF: 21480.4/11

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

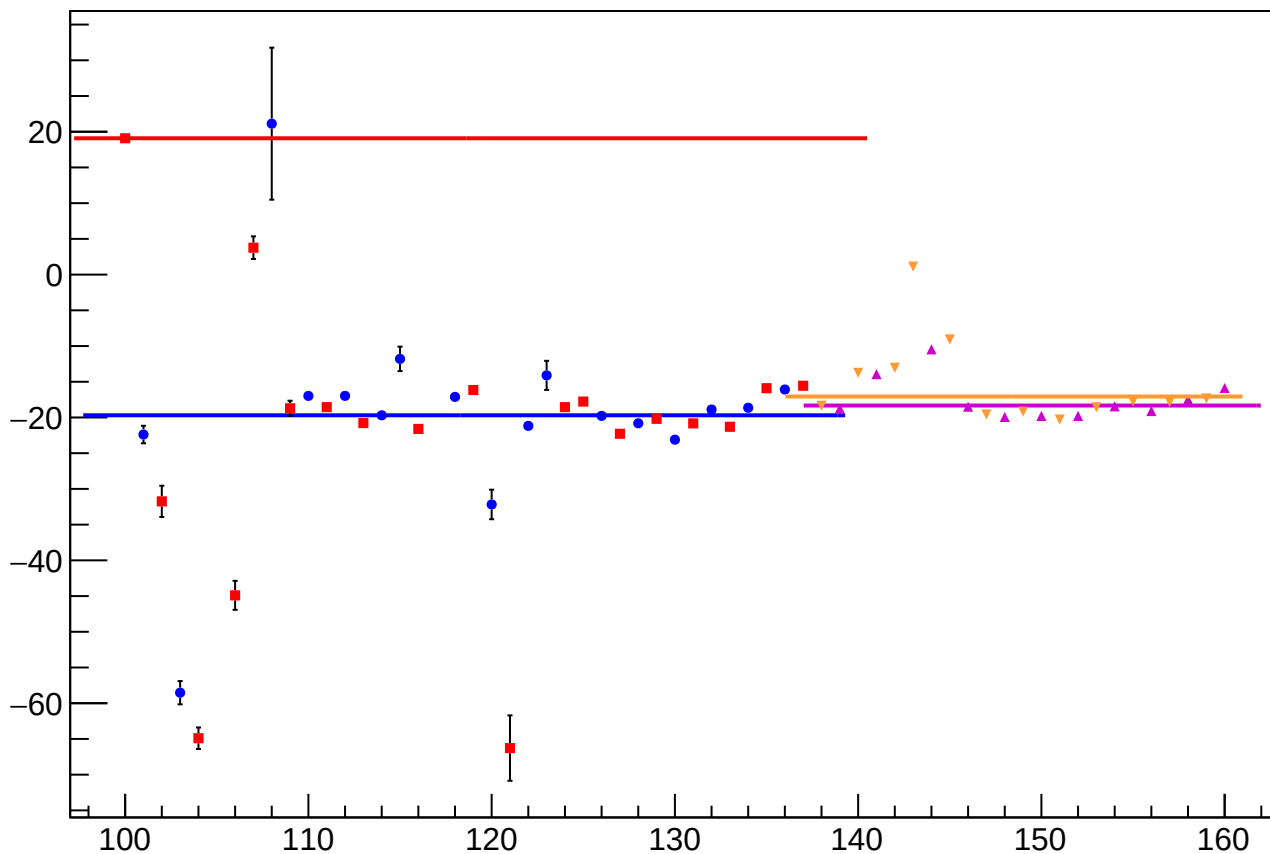
Left In: 10.656 $\pm$ 0.016 χ^2 /NDF: 7882.1/10

+ sign 6.728 $\pm$ 0.000 χ^2 /NDF: 60930.7/28

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 163763.8/58

- sign 10.467 $\pm$ 0.014 χ^2 /NDF: 35581.7/29

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -17.066 ± 0.022 χ^2/NDF : 36000.0/11

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

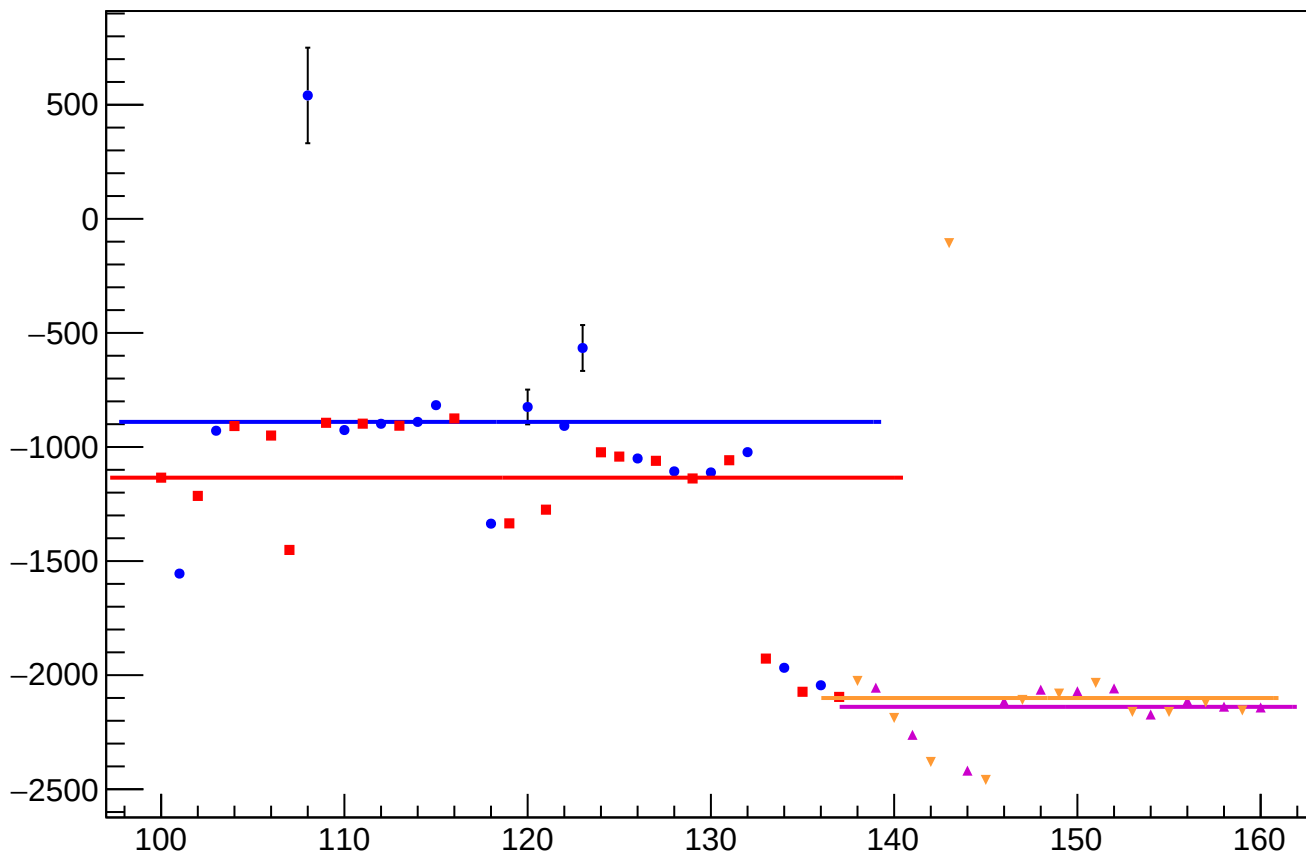
Left In: -18.326 ± 0.021 χ^2/NDF : 7186.4/10

+ sign -19.693 ± 0.000 χ^2/NDF : 57411.7/28

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- sign 19.086 ± 0.000 χ^2/NDF : 3912253.6/29

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2100.259+/-0.531 χ^2/NDF : 265007.4/11

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

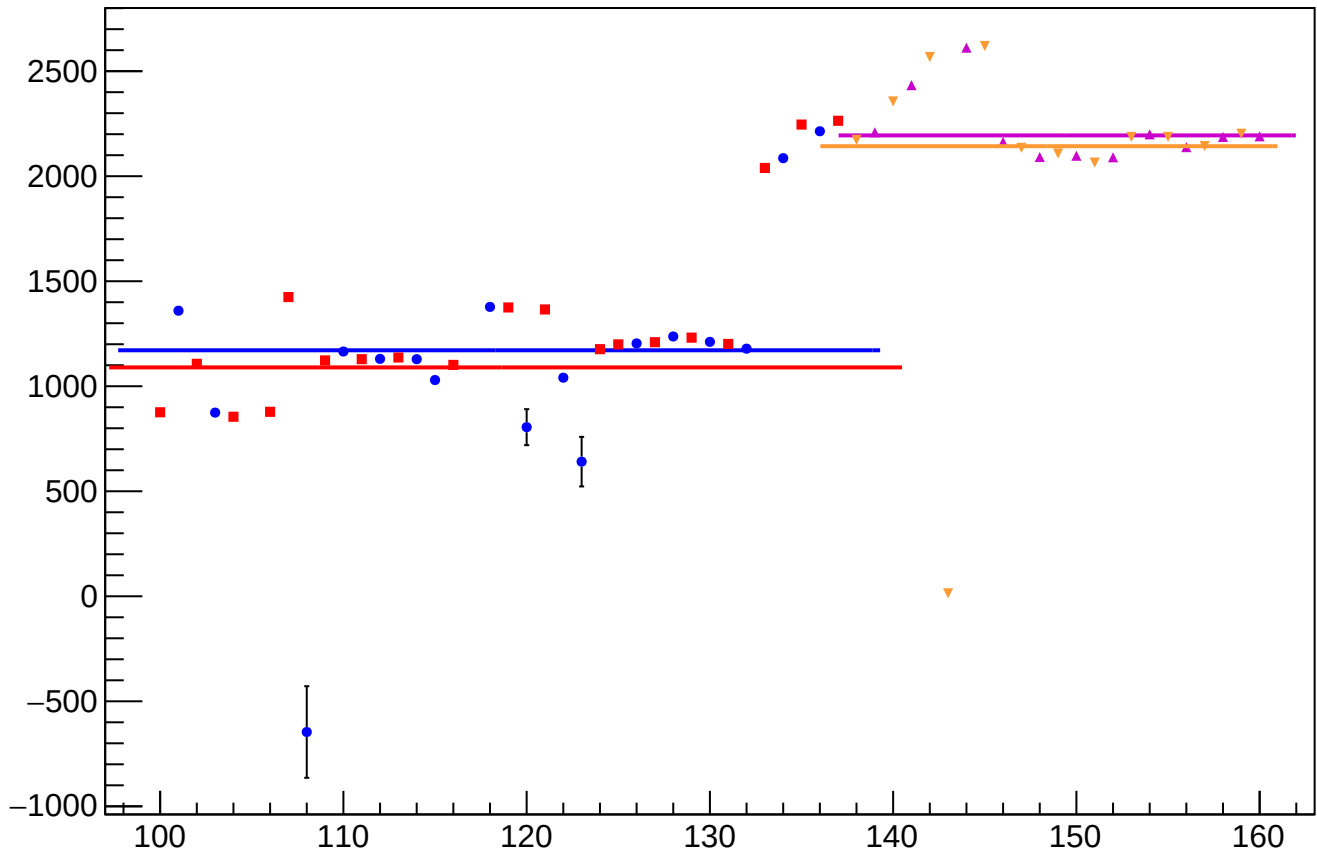
Left In: -2138.956+/-0.518 χ^2/NDF : 31648.9/10

+ sign -889.928+/-0.000 χ^2/NDF : 6240634.4/28

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: 2142.851 $\pm$ 0.525 χ^2 /NDF:303038.6/11

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

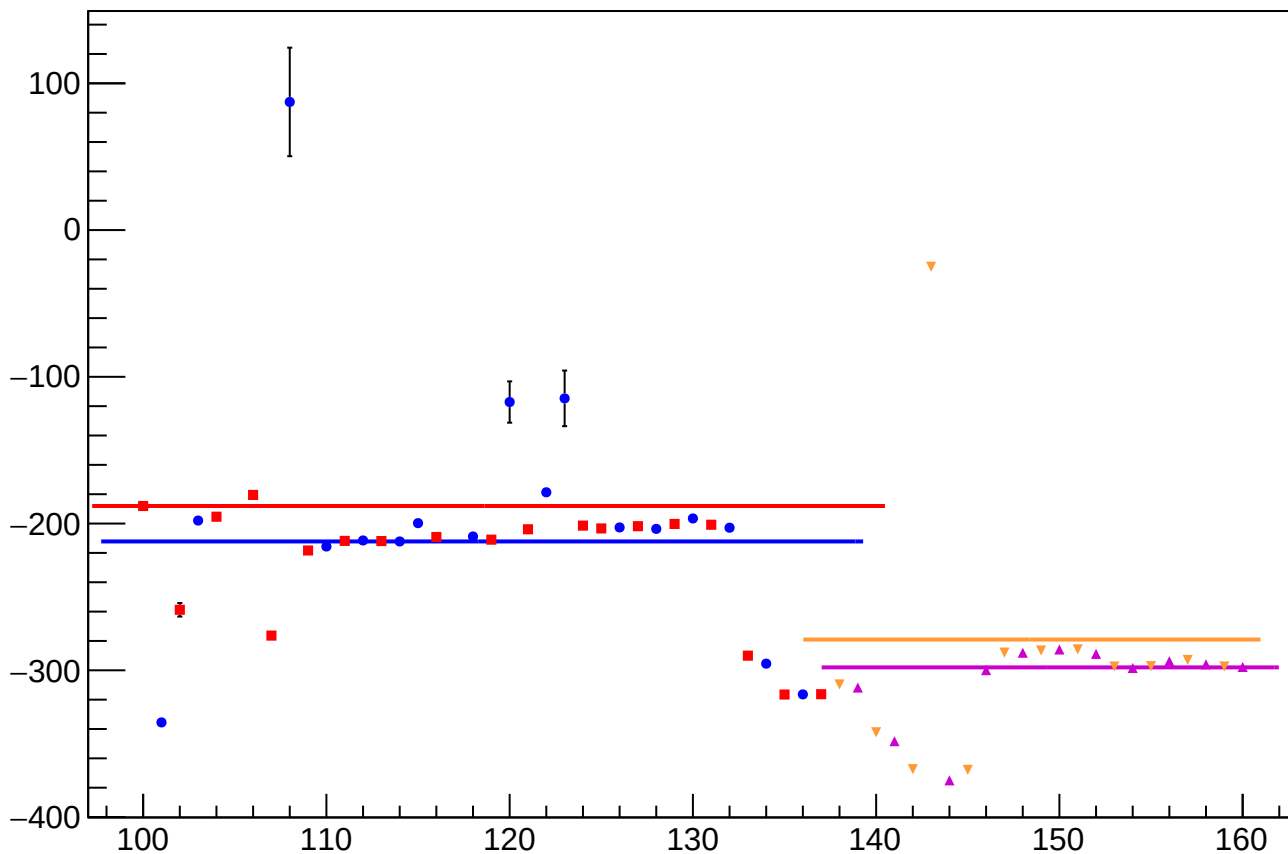
Left In: 2194.257 $\pm$ 0.524 χ^2 /NDF:55516.4/10

+ sign 1345.168 $\pm$ 0.222 χ^2 /NDF: 3619796.8/28

All: 1322.752 $\pm$ 0.159 χ^2 /NDF: 8397957.2/58

- sign 1299.144 $\pm$ 0.228 χ^2 /NDF: 4757287.3/29

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2 /NDF: 1149195.1/16

Left Out: -279.041+/-0.028 χ^2 /NDF: 5742439.7/11

Right Out: -188.033+/-0.000 χ^2 /NDF: 602264.3/18

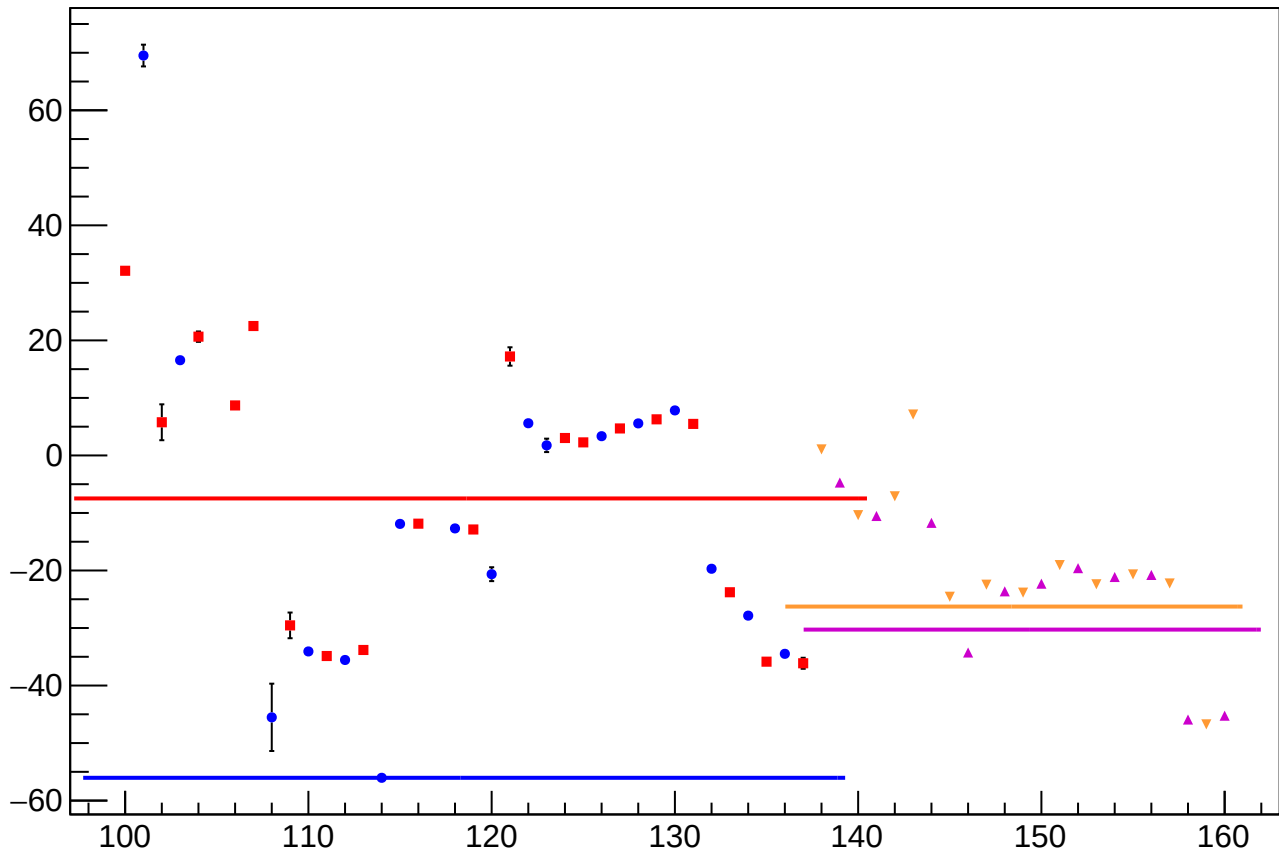
Left In: -298.012+/-0.028 χ^2 /NDF: 275688.0/10

+ sign -212.190+/-0.000 χ^2 /NDF: 12434813.3/28

All: -195.625+/-0.000 χ^2 /NDF: 13622303625

- sign -188.033+/-0.000 χ^2 /NDF: 16288610.4/29

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1585420.7/16

Left Out: -26.270 ± 0.028 χ^2/NDF : 204562.6/11

Right Out: -7.476 ± 0.042 χ^2/NDF : 173893.8/18

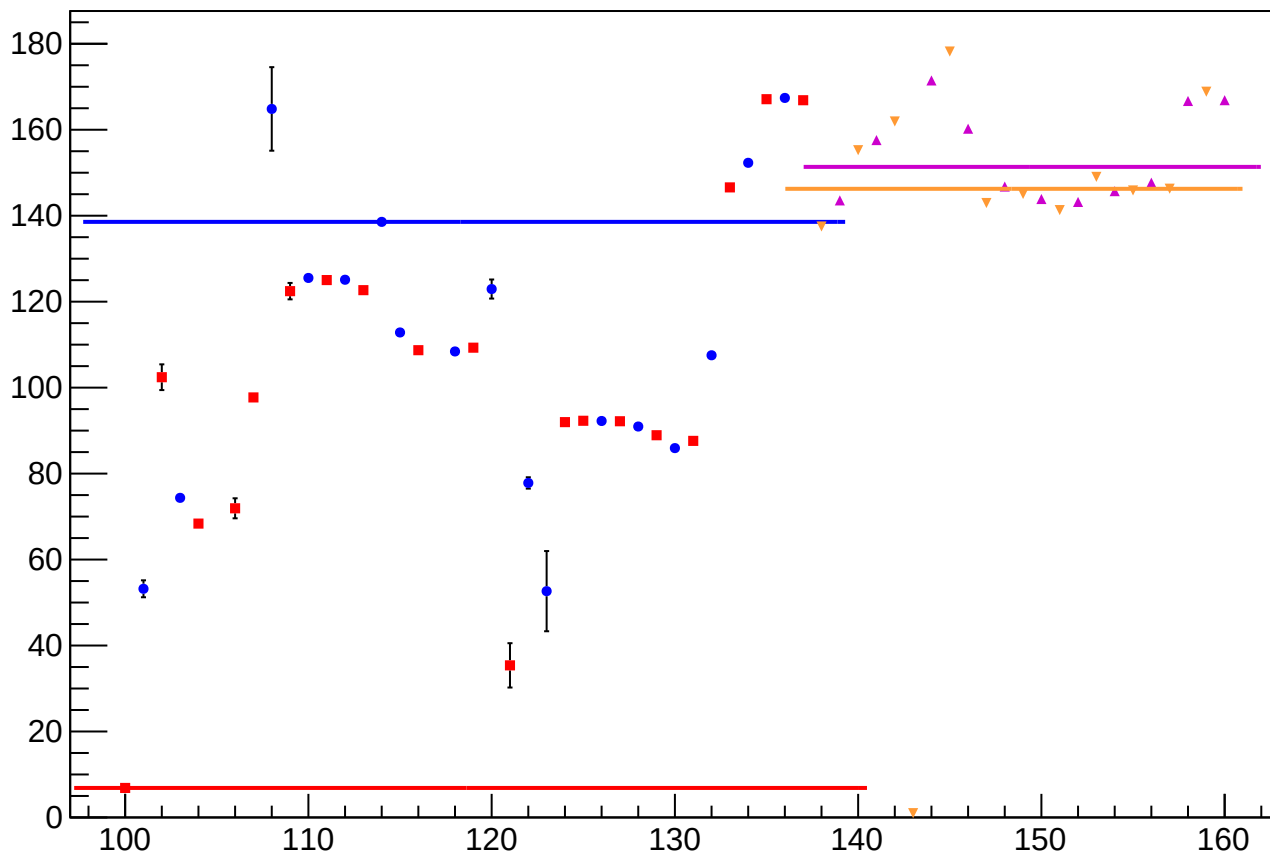
Left In: -30.275 ± 0.025 χ^2/NDF : 284182.4/10

+ sign -56.037 ± 0.000 χ^2/NDF : 2922945.6/28

All: -56.037 ± 0.000 χ^2/NDF : 5740892.0/58

- sign -24.232 ± 0.022 χ^2/NDF : 672815.8/29

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF : 901159.7/16

Left Out: 146.258+/-0.035 χ^2/NDF : 366015.1/11

Right Out: 6.866+/-0.000 χ^2/NDF : 8047391.7/18

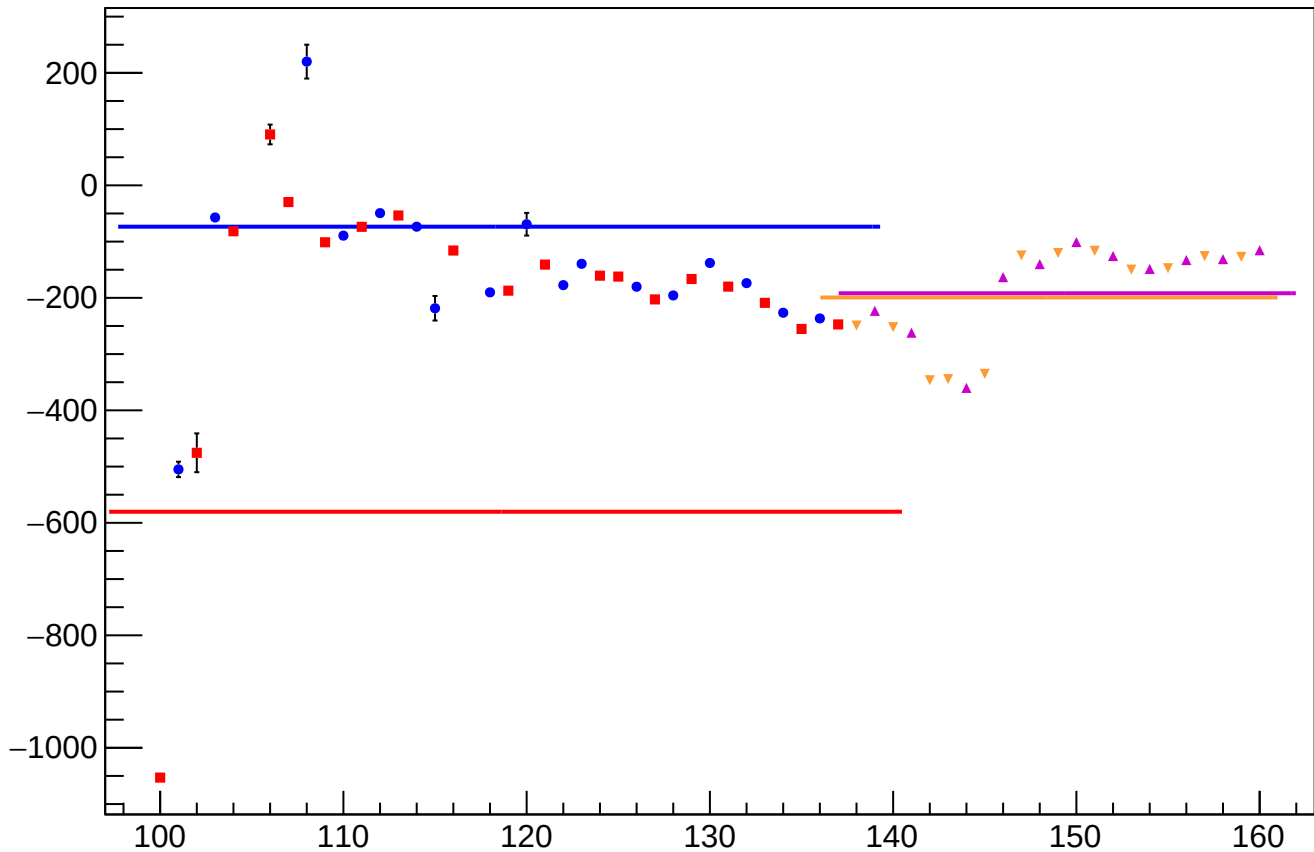
Left In: 151.359+/-0.035 χ^2/NDF : 69700.7/10

+ sign 138.565+/-0.000 χ^2/NDF : 1315514.2/28

All: 7.101+/-0.000 χ^2/NDF : 23576822681928

- sign 6.866+/-0.000 χ^2/NDF : 24875694.9/29

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -199.355 ± 0.332 $\chi^2/\text{NDF}: 60005.3/11$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

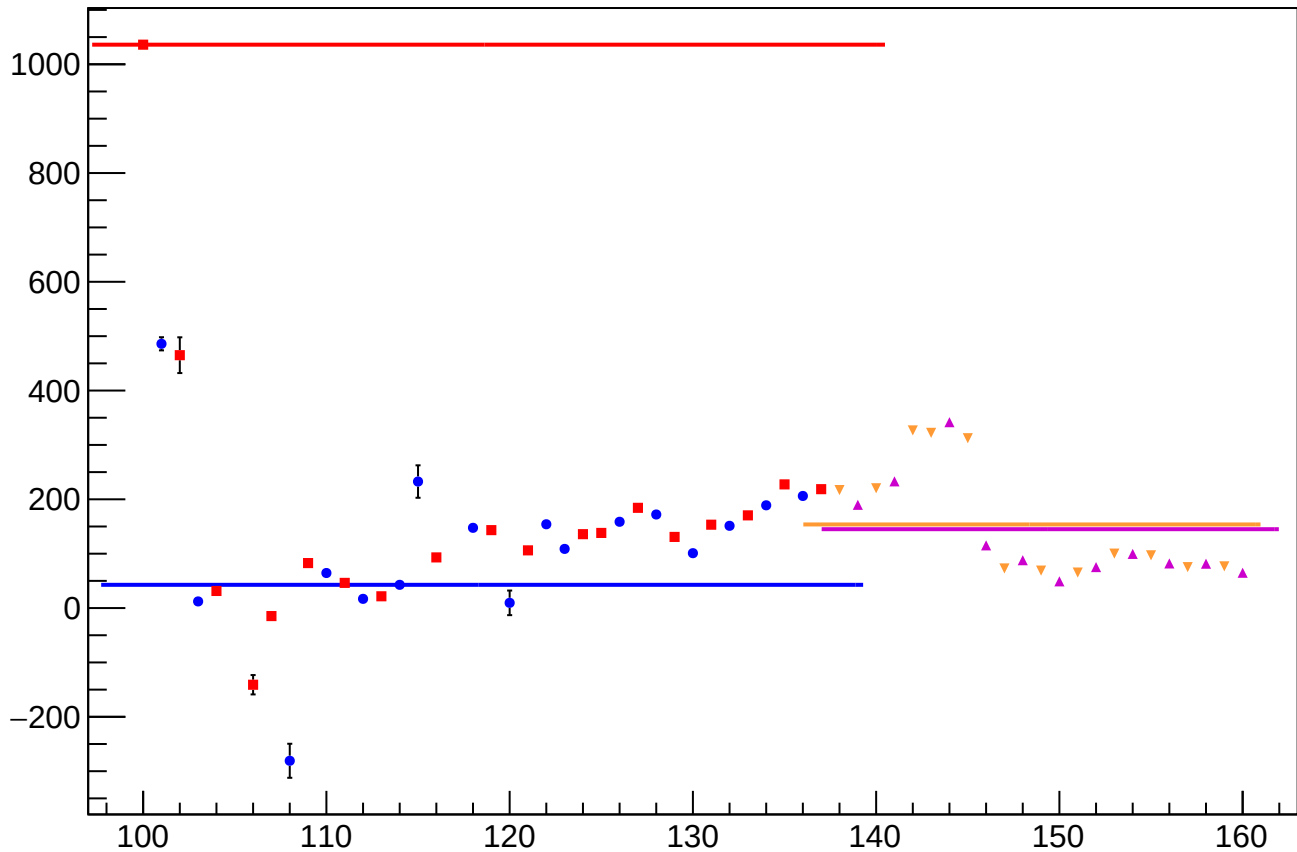
Left In: -191.826 ± 0.356 $\chi^2/\text{NDF}: 56005.8/10$

+ sign -73.485 ± 0.000 $\chi^2/\text{NDF}: 302506.4/28$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 7272481.3/58$

- sign -444.447 ± 0.210 $\chi^2/\text{NDF}: 3862403.2/29$

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 153.768+/-0.337 χ^2/NDF : 74151.8/11

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

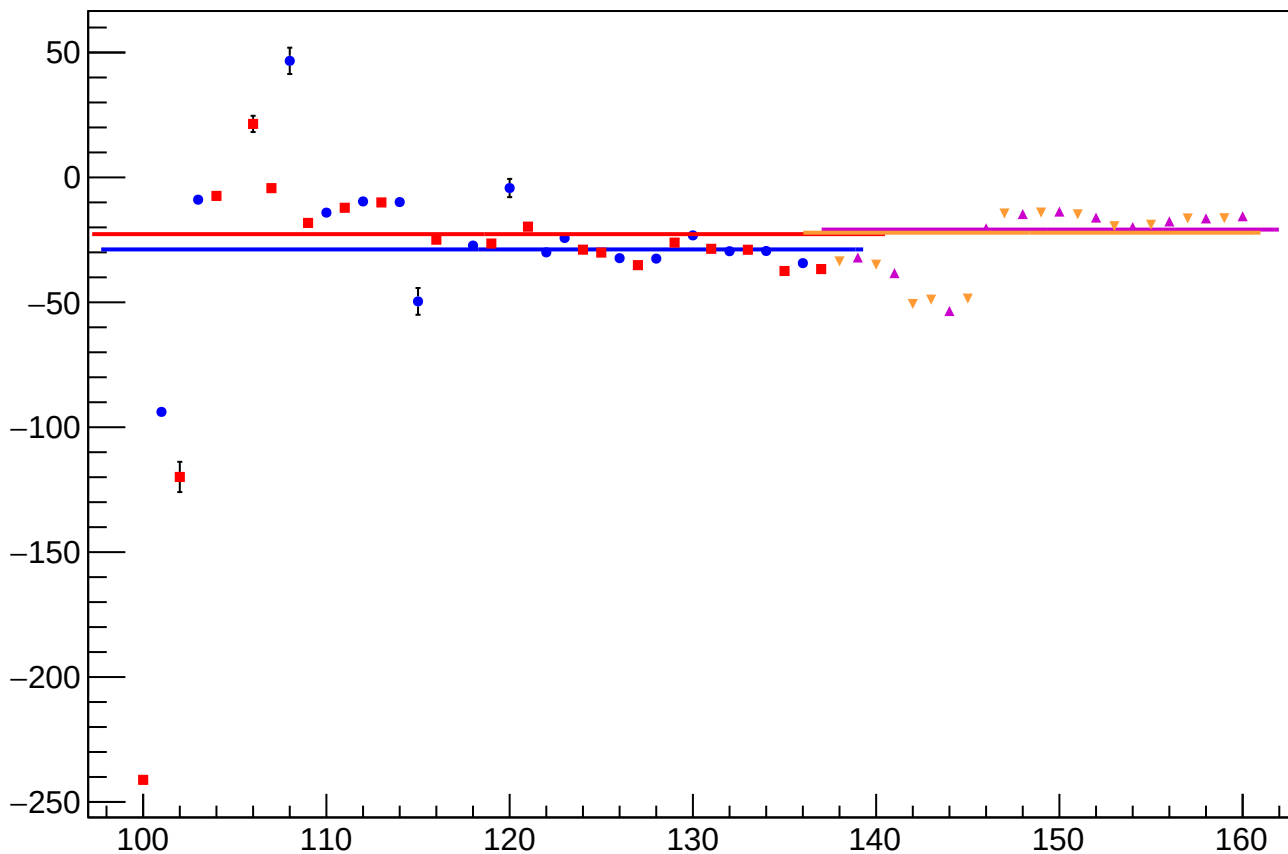
Left In: 145.032+/-0.364 χ^2/NDF : 65359.5/10

+ sign 42.743+/-0.000 χ^2/NDF : 267449.7/28

All: 43.272+/-0.000 χ^2/NDF : 114451749726

- sign 1036.068+/-0.000 χ^2/NDF : 10999465.1/29

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -22.131 ± 0.017 χ^2/NDF : 322060.4/11

Right Out: -22.707 ± 0.038 χ^2/NDF : 410174.9/18

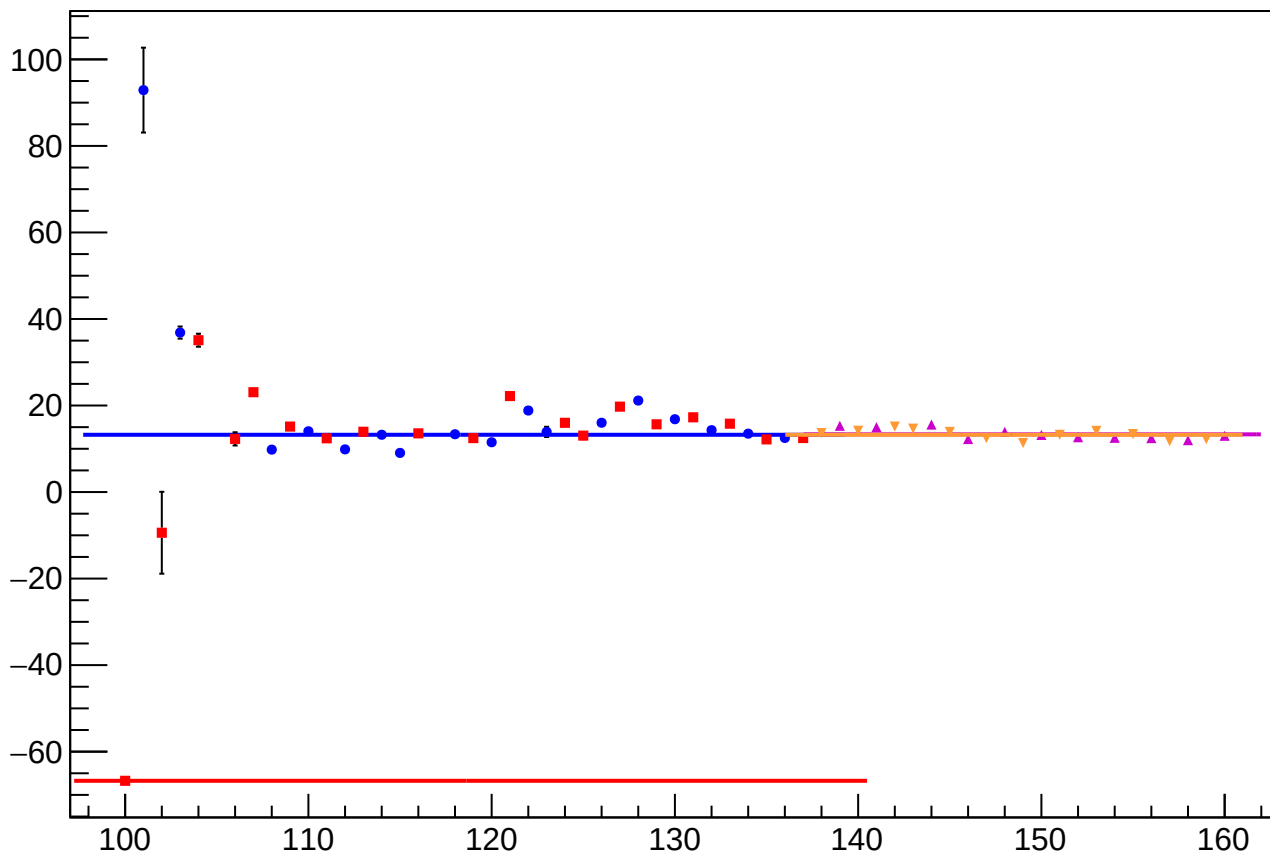
Left In: -20.881 ± 0.020 χ^2/NDF : 187232.8/10

+ sign -23.407 ± 0.015 χ^2/NDF : 401586.9/28

All: -22.523 ± 0.012 χ^2/NDF : 1008938.5/58

- sign -21.286 ± 0.018 χ^2/NDF : 599196.8/29

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 13.234+/-0.017 χ^2/NDF : 3654.4/11

Right Out: -66.739+/-0.000 χ^2/NDF : 3023648.4/18

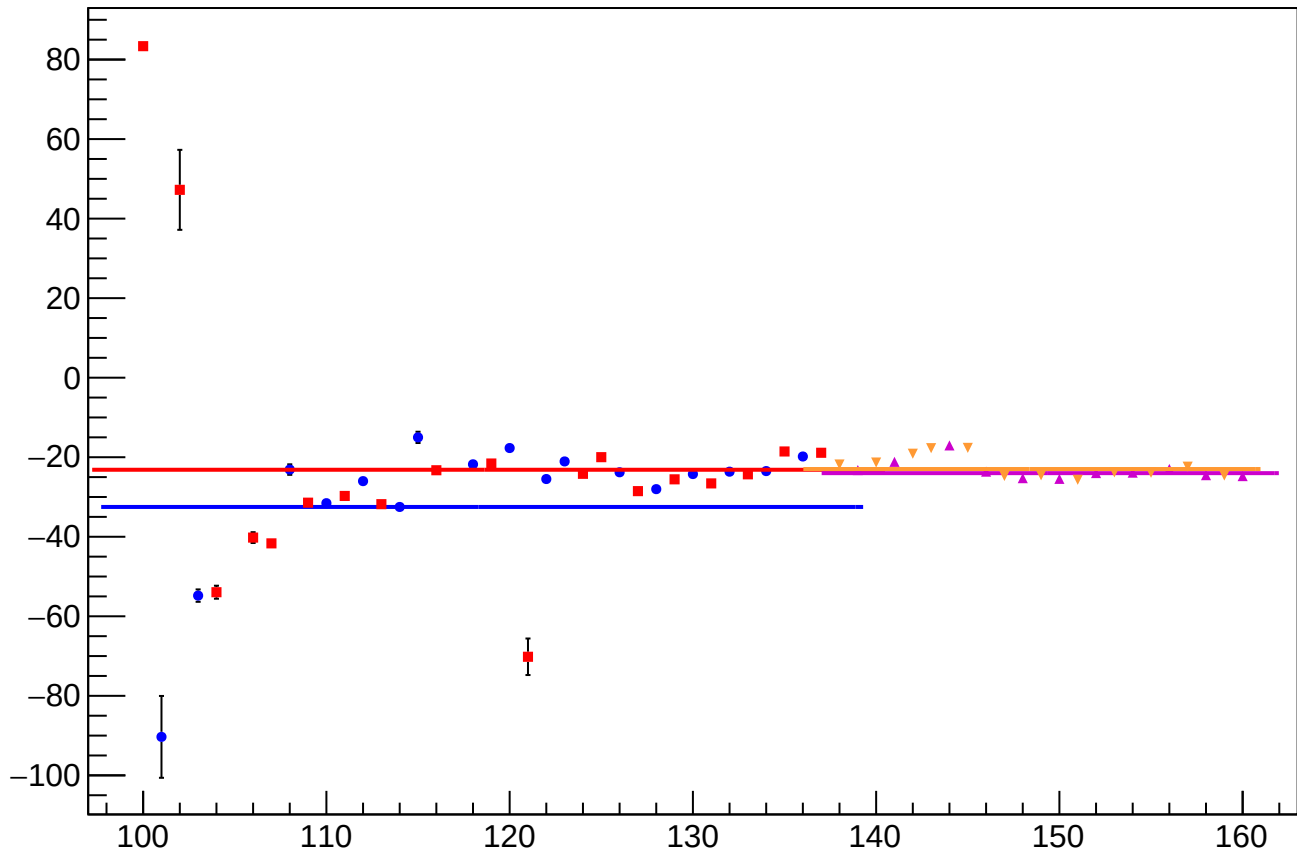
Left In: 13.336+/-0.017 χ^2/NDF : 4408.1/10

+ sign 13.238+/-0.000 χ^2/NDF : 9410.6/28

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: -22.965+/-0.023 χ^2/NDF : 11399.7/11

Right Out: -23.151+/-0.048 χ^2/NDF : 90749.4/18

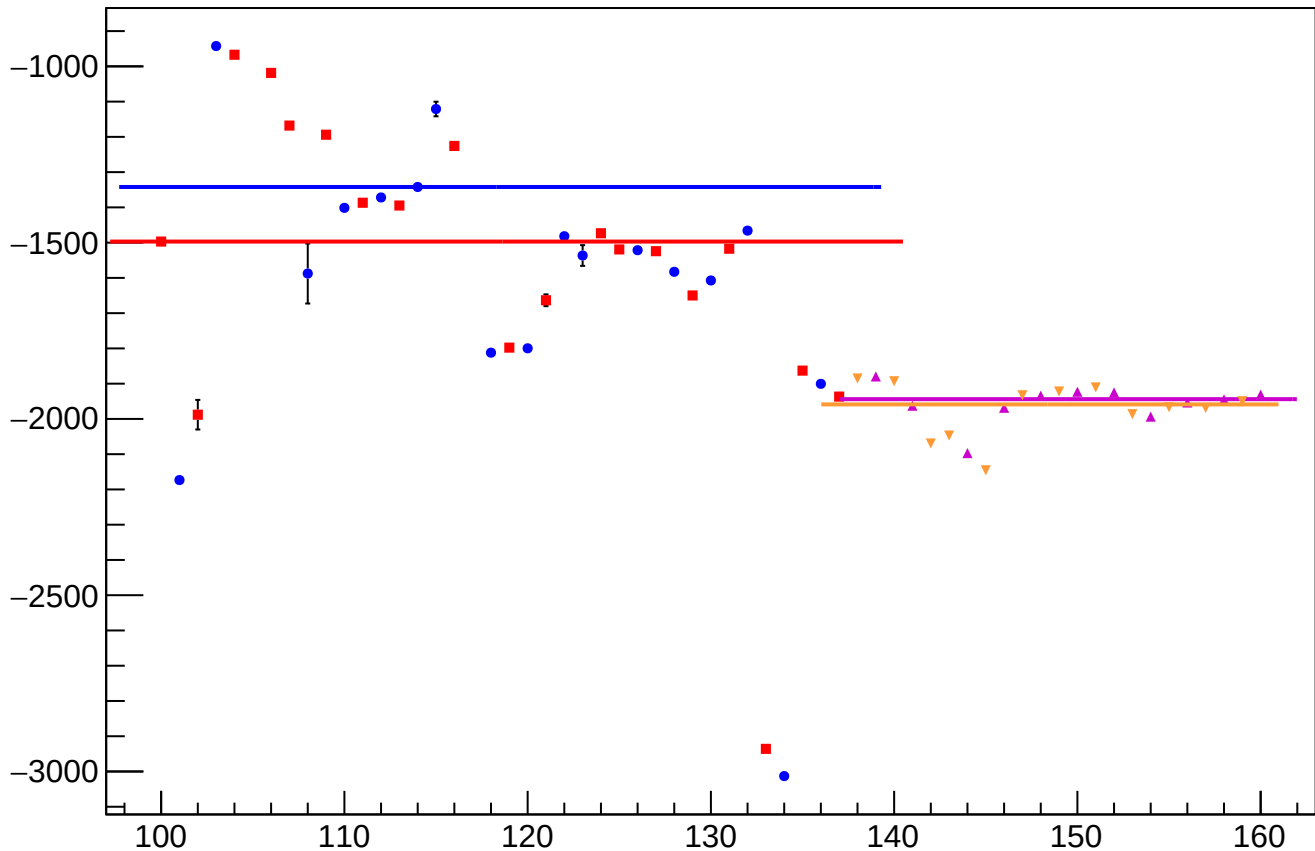
Left In: -24.005+/-0.020 χ^2/NDF : 6127.3/10

+ sign -32.504+/-0.000 χ^2/NDF : 254602.7/28

All: -32.504+/-0.000 χ^2/NDF : 571574.0/58

- sign -23.877+/-0.018 χ^2/NDF : 97150.0/29

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 ± 0.000 χ^2/NDF : 370901.4/16

Left Out: -1958.833 ± 0.452 χ^2/NDF : 14207.3/11

Right Out: -1496.932 ± 0.000 χ^2/NDF : 504712.5/18

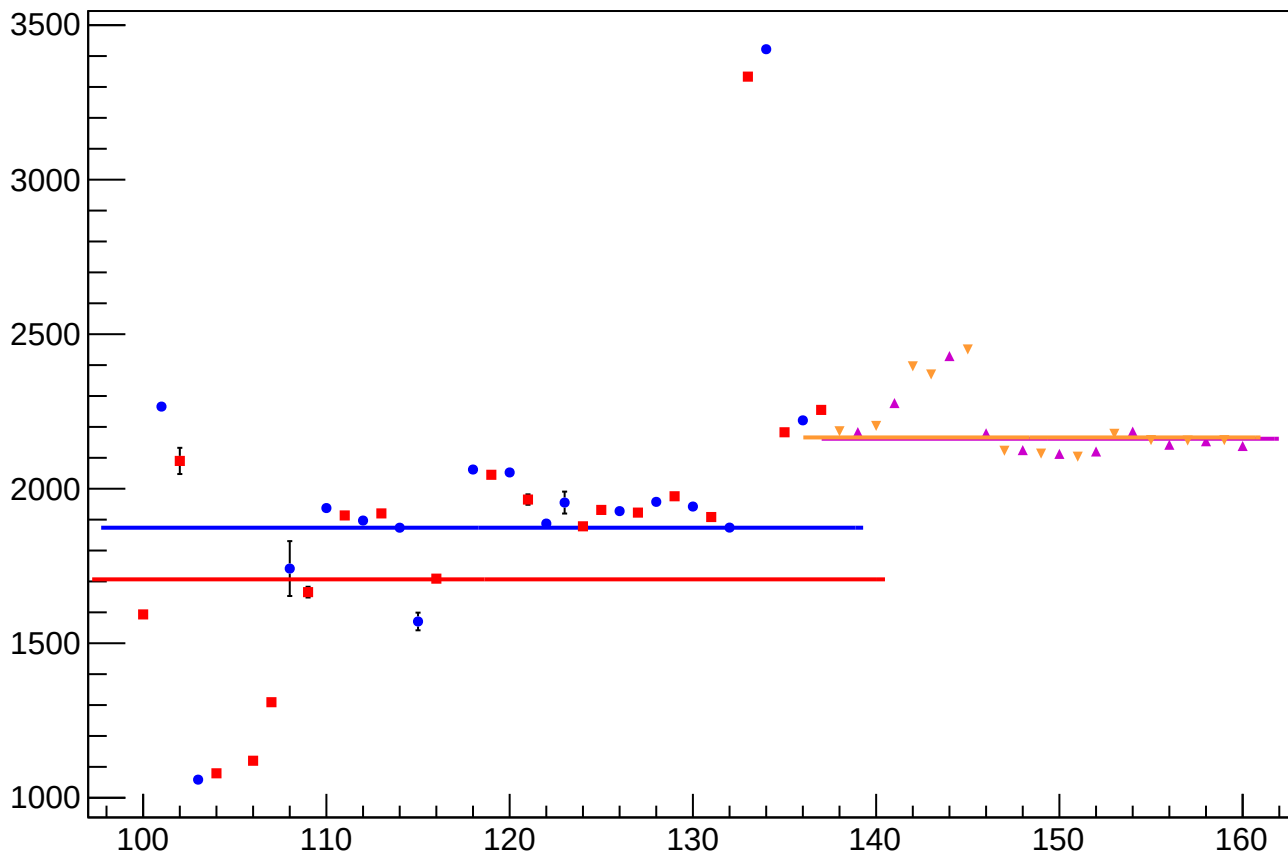
Left In: -1943.933 ± 0.353 χ^2/NDF : 15866.6/10

+ sign -1342.107 ± 0.000 χ^2/NDF : 2250644.7/28

All: -1396.751 ± 0.000 χ^2/NDF : 1800086126

- sign -1496.932 ± 0.000 χ^2/NDF : 2126414.5/29

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 201563.9/16

Left Out: 2165.944+/-0.455 χ^2/NDF : 27231.4/11

Right Out: 1706.739+/-0.302 χ^2/NDF : 837936.9/18

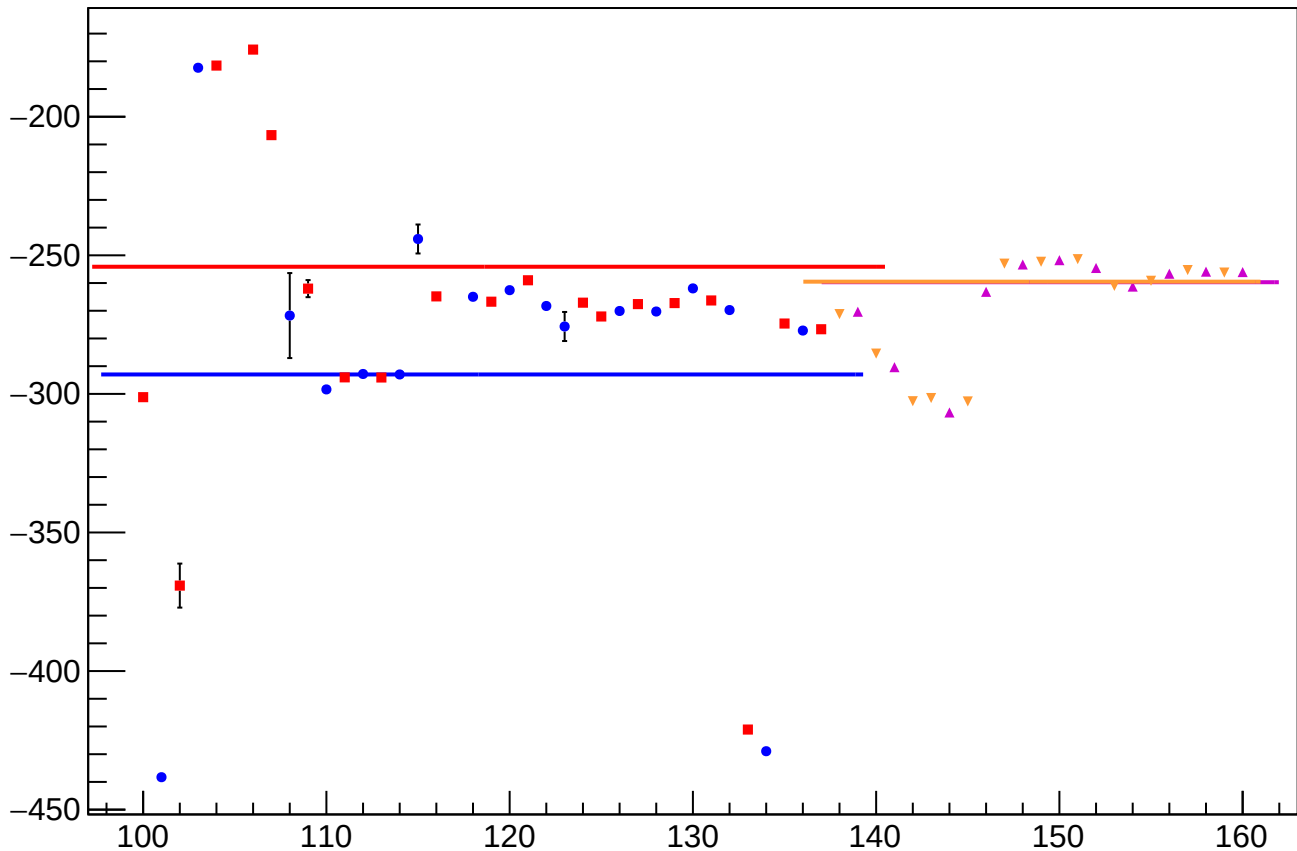
Left In: 2161.712+/-0.354 χ^2/NDF : 36554.6/10

+ sign 1873.852+/-0.000 χ^2/NDF : 641091.1/28

All: 1873.852+/-0.000 χ^2/NDF : 2483420.2/58

- sign 1898.874+/-0.230 χ^2/NDF : 1830476.5/29

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 χ^2/NDF : 1015592.4/16

Left Out: -259.506 ± 0.025 χ^2/NDF : 192891.0/11

Right Out: -254.119 ± 0.059 χ^2/NDF : 502658.5/18

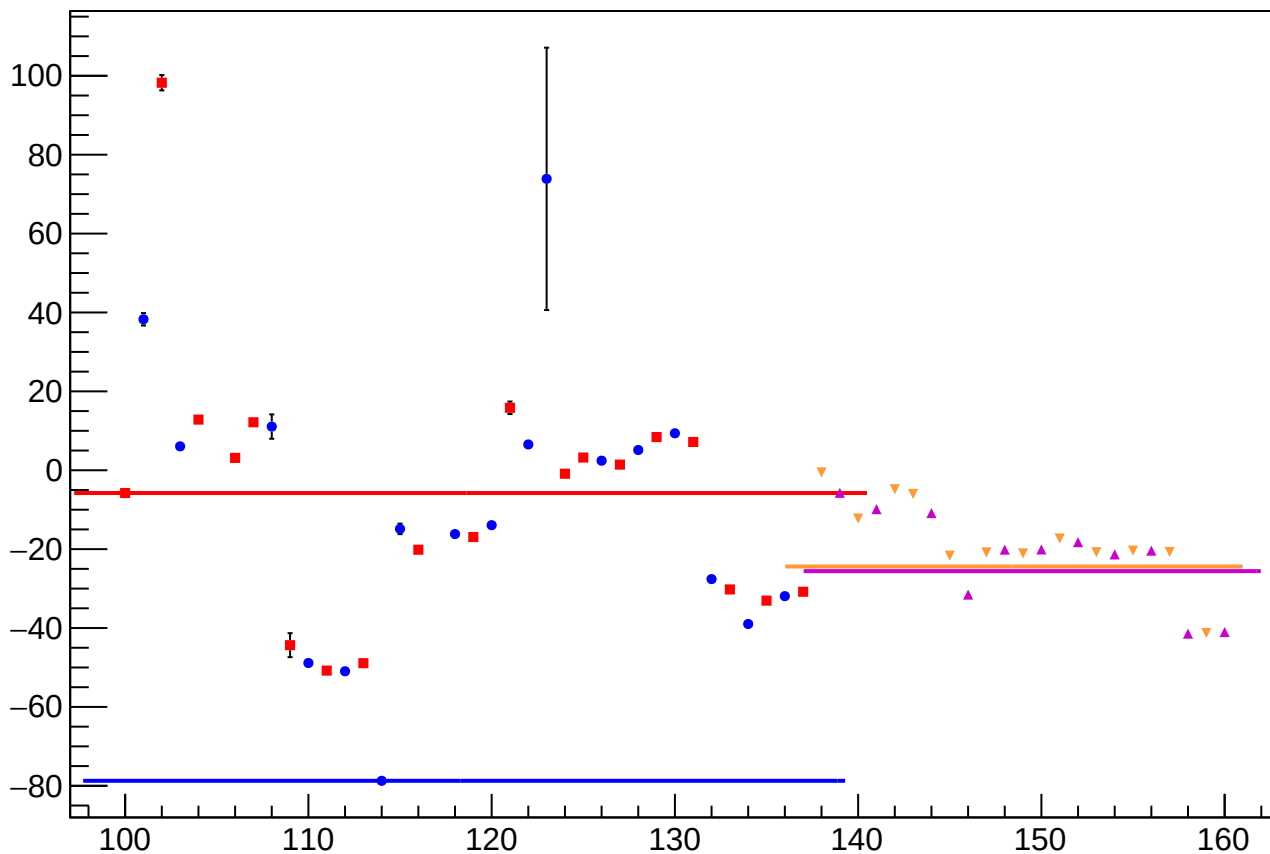
Left In: -259.703 ± 0.021 χ^2/NDF : 240310.3/10

+ sign -292.986 ± 0.000 χ^2/NDF : 2944257.4/28

All: -292.986 ± 0.000 χ^2/NDF : 6579759.3/58

- sign -259.063 ± 0.020 χ^2/NDF : 750902.1/29

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1399088.3/16$

Left Out: -24.405 ± 0.026 $\chi^2/\text{NDF}: 159201.8/11$

Right Out: -5.769 ± 0.000 $\chi^2/\text{NDF}: 111570.1/18$

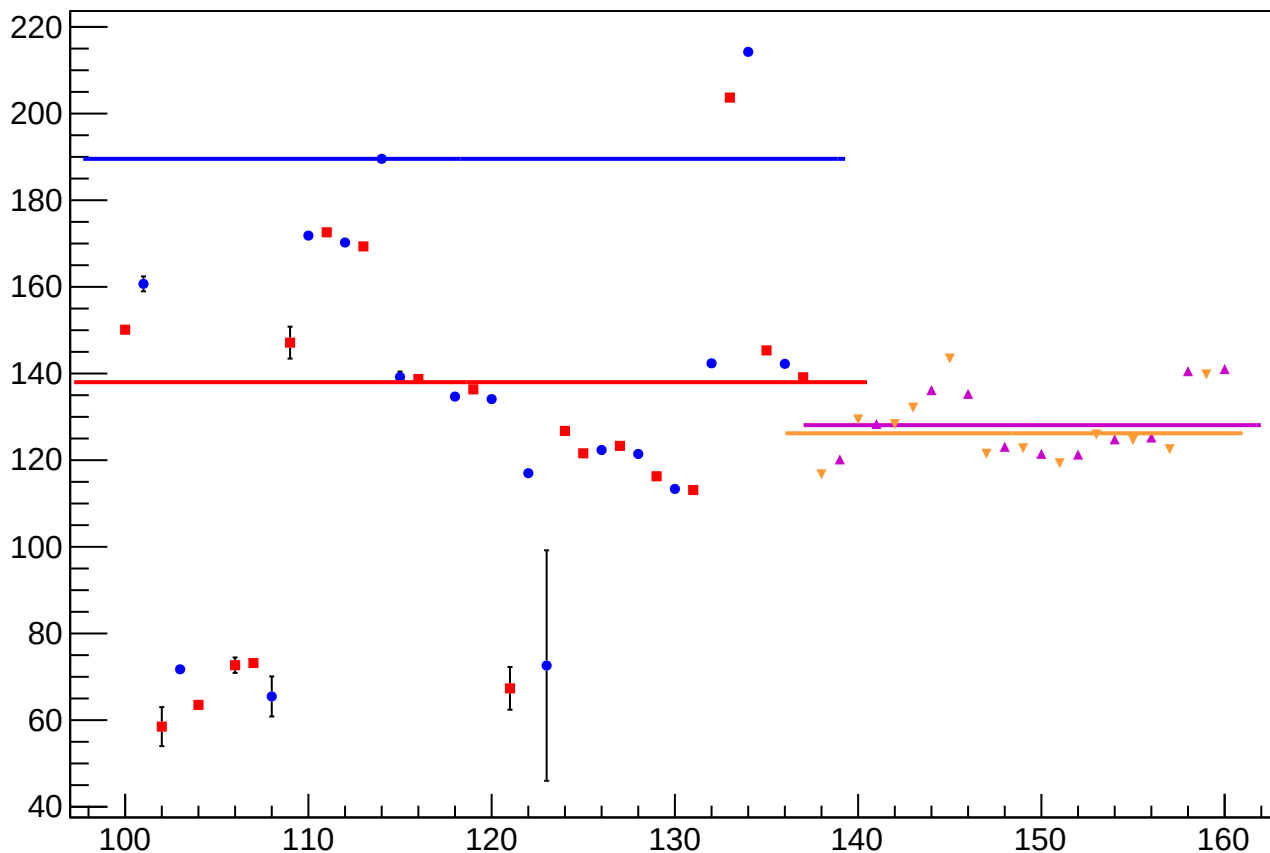
Left In: -25.571 ± 0.021 $\chi^2/\text{NDF}: 283864.9/10$

+ sign -78.728 ± 0.000 $\chi^2/\text{NDF}: 5835781.3/28$

All: -6.288 ± 0.000 $\chi^2/\text{NDF}: 2878797679293$

- sign -5.769 ± 0.000 $\chi^2/\text{NDF}: 1294438.5/29$

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 927391.8/16

Left Out: 126.206 $\pm$ 0.030 χ^2 /NDF: 46970.5/11

Right Out: 138.002 $\pm$ 0.059 χ^2 /NDF: 117357.8/18

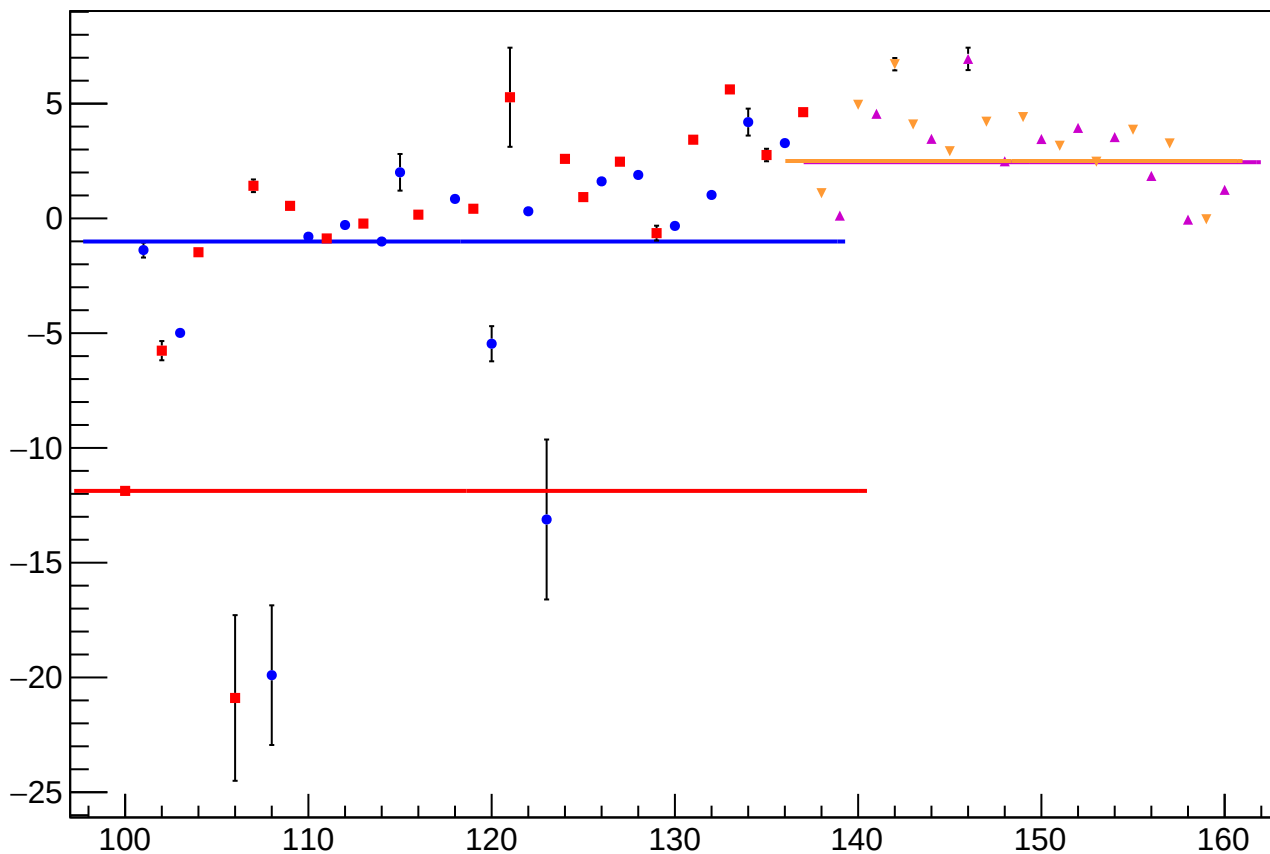
Left In: 128.089 $\pm$ 0.030 χ^2 /NDF: 67179.7/10

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 5341521.2/28

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 10354088.3/50

- 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: 2.500 ± 0.028 χ^2/NDF : 4720.6/11

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

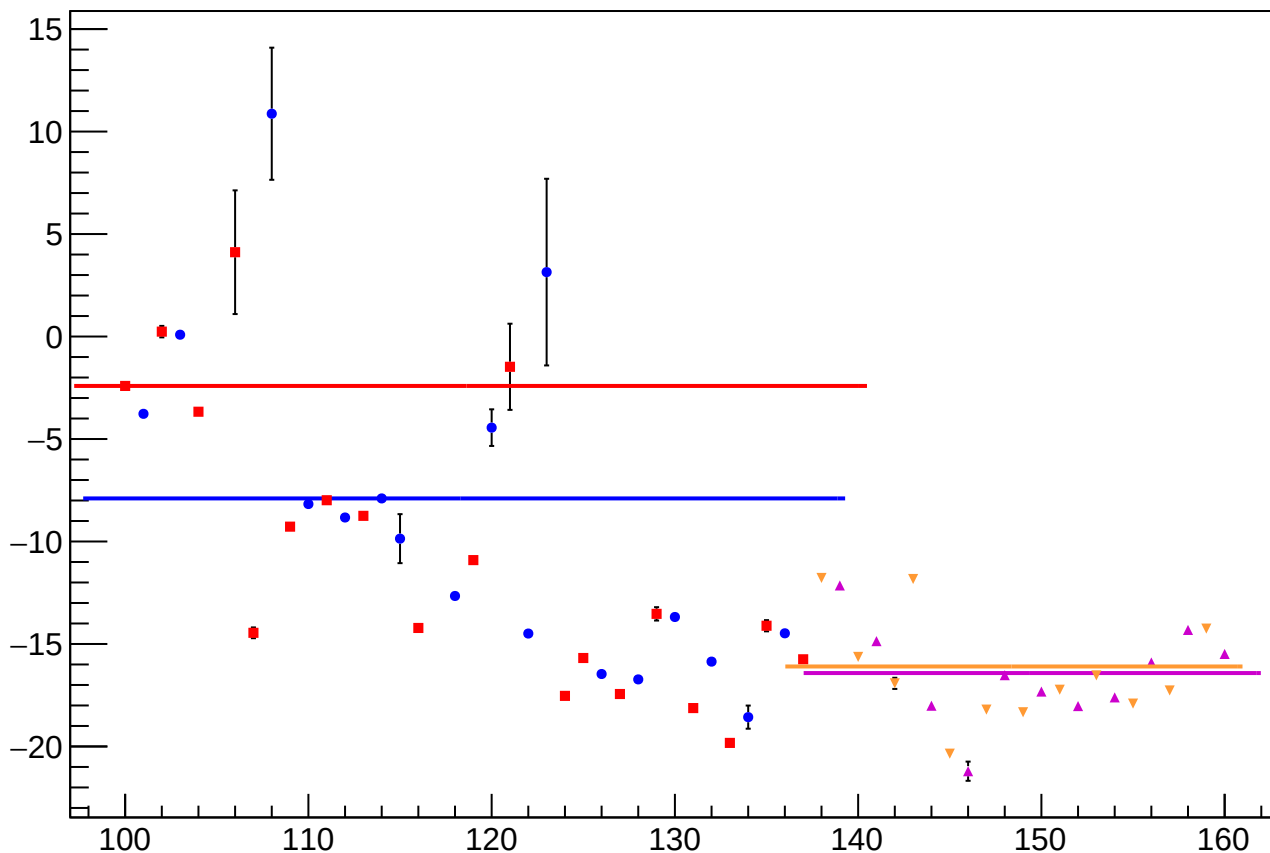
Left In: 2.448 ± 0.020 χ^2/NDF : 6145.9/10

+ sign -1.007 ± 0.000 χ^2/NDF : 27610.8/28

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: -16.098 ± 0.028 χ^2/NDF : 5971.7/11

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

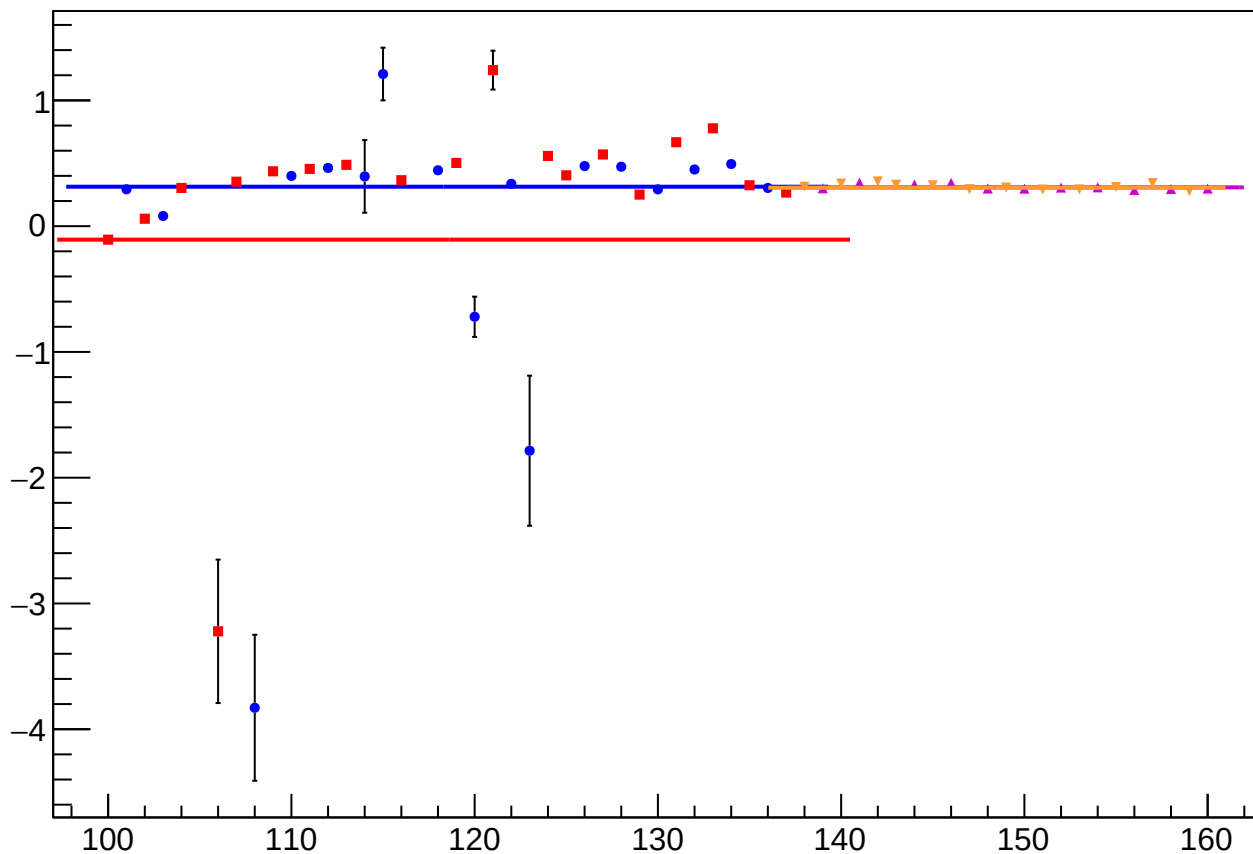
Left In: -16.418 ± 0.021 χ^2/NDF : 5069.8/10

+ sign -7.899 ± 0.000 χ^2/NDF : 133670.8/28

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 : 3025.9/11

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

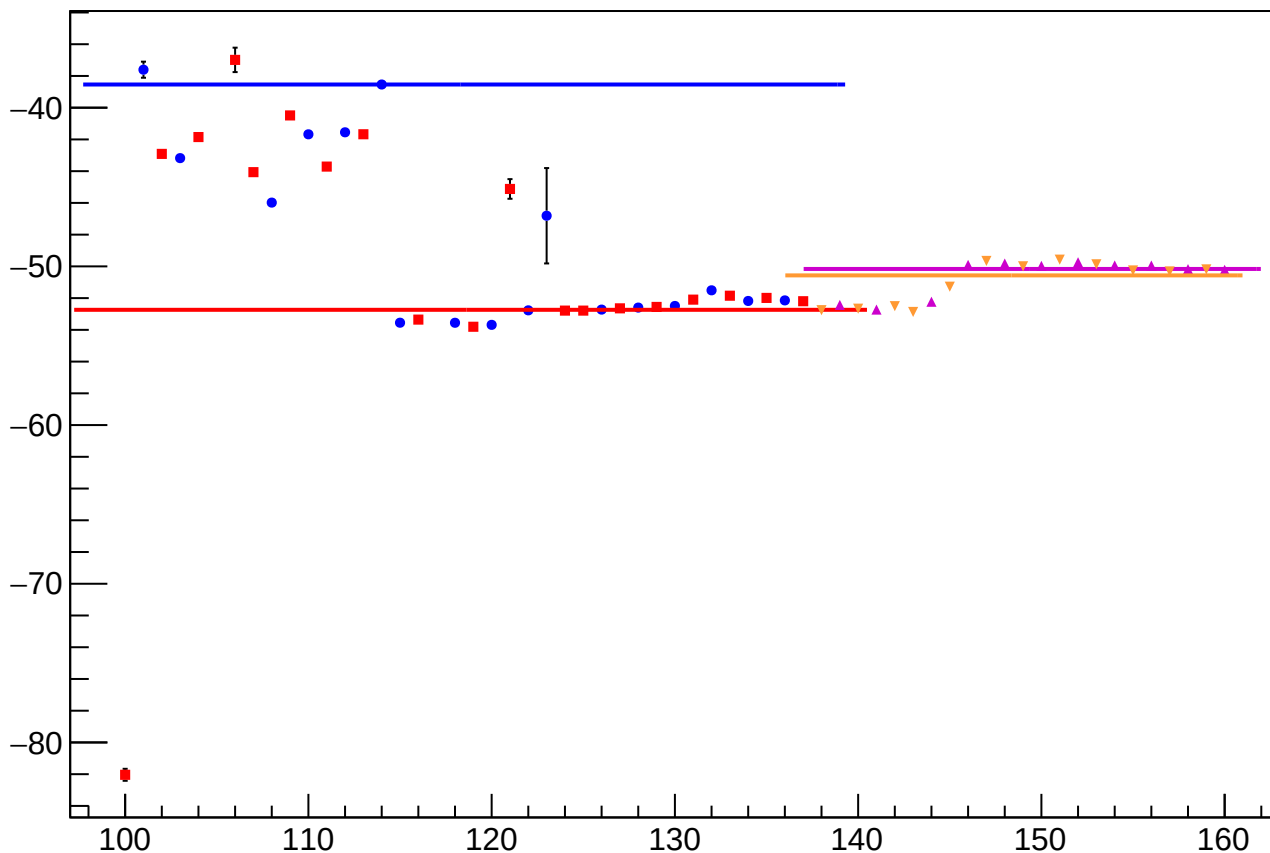
Left In: 0.309 ± 0.000 χ^2/NDF : 2078.9/10

+ sign 0.306 ± 0.000 χ^2/NDF : 5837.2/28

All: -0.107 ± 0.000 χ^2/NDF : 3394363.0/58

- 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: -50.568 ± 0.002 χ^2/NDF : 223601.0/11

Right Out: -52.737 ± 0.002 χ^2/NDF : 87430.2/18

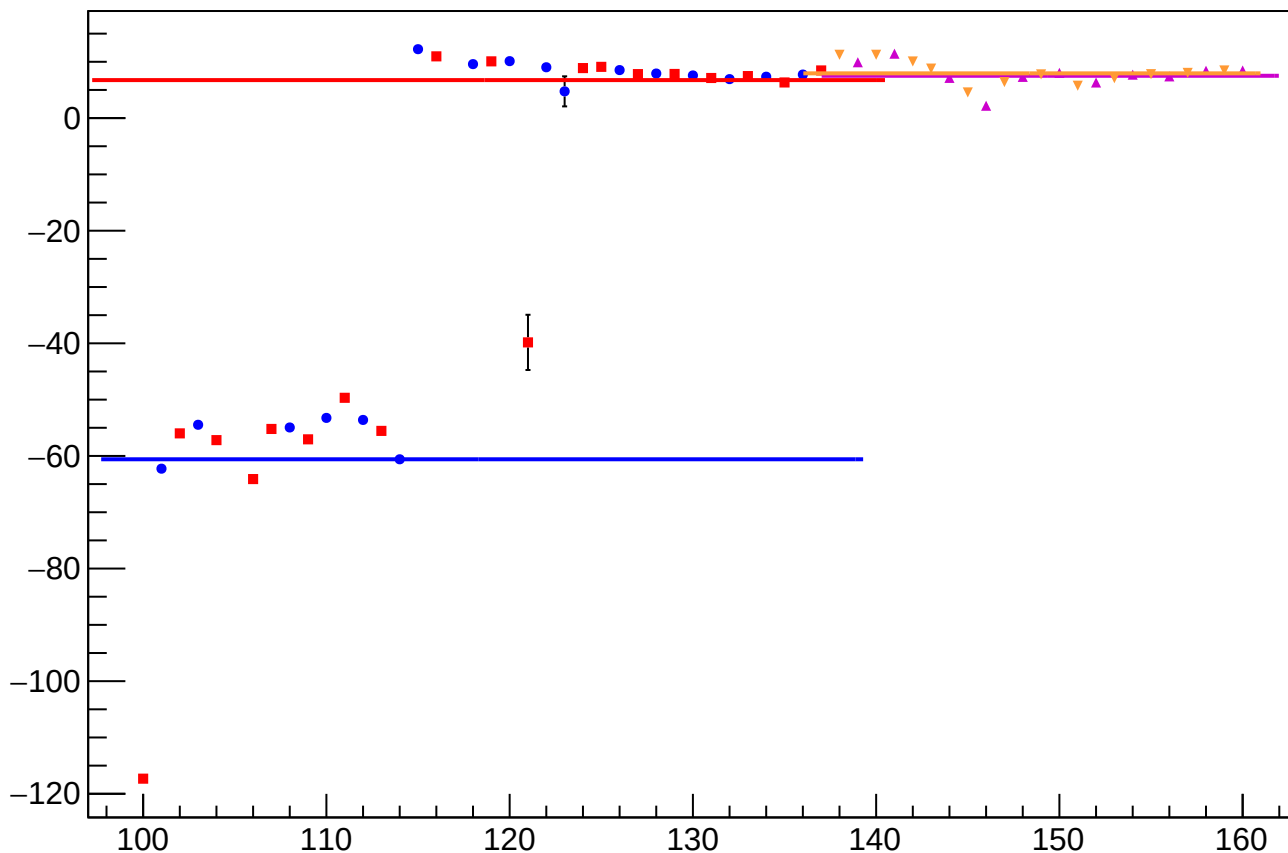
Left In: -50.162 ± 0.002 χ^2/NDF : 153739.7/10

+ sign -38.539 ± 0.000 χ^2/NDF : 39945195.7/28

All: -38.539 ± 0.000 χ^2/NDF : 145433592.4/5

- sign -51.301 ± 0.001 χ^2/NDF : 1287232.7/29

dit_sam1_4eY_slope vs Slug



Right In: -60.594 $\pm$ 0.000 χ^2 /NDF: 26122838.1/16

Left Out: 7.947 $\pm$ 0.005 χ^2 /NDF: 74042.2/11

Right Out: 6.748 $\pm$ 0.011 χ^2 /NDF: 1266598.3/18

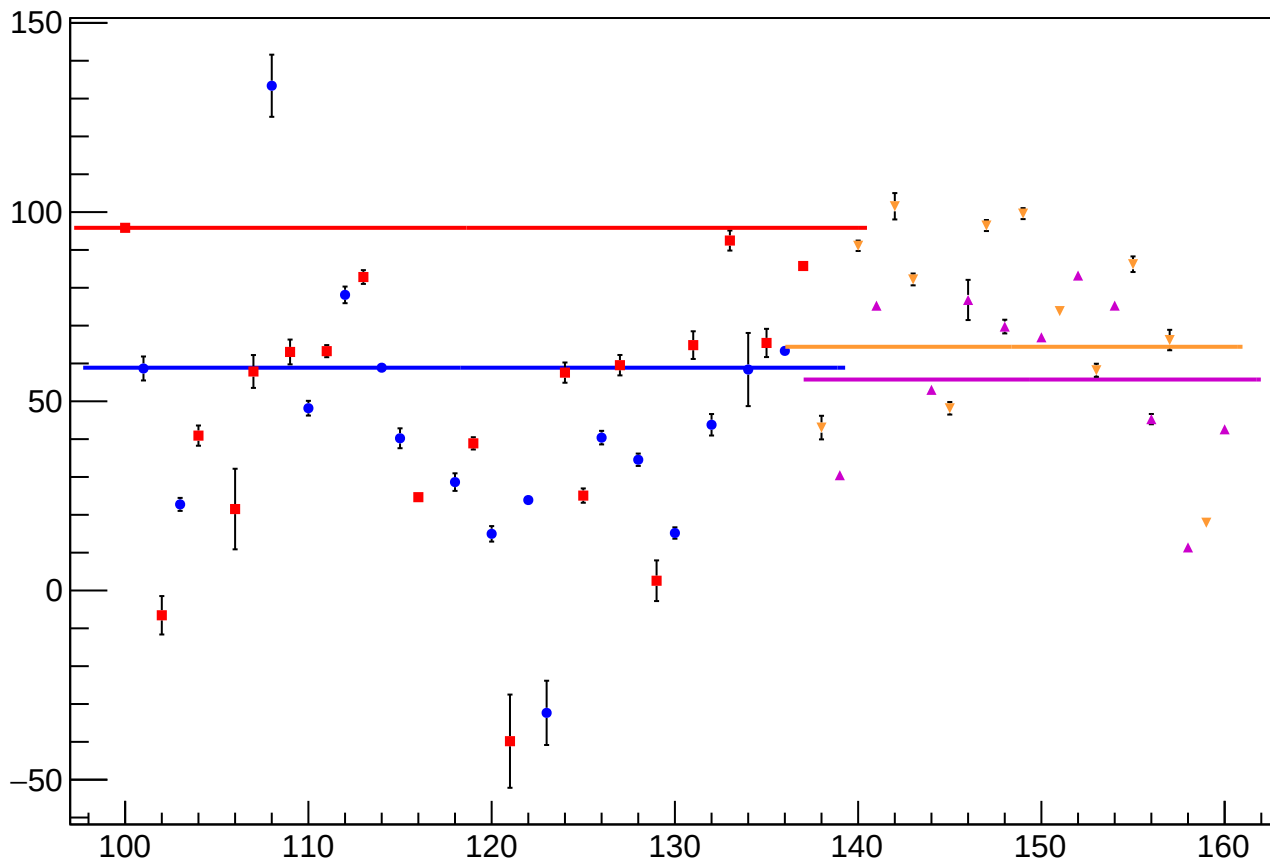
Left In: 7.517 $\pm$ 0.004 χ^2 /NDF: 114072.4/10

+ sign -60.594 $\pm$ 0.000 χ^2 /NDF: 238985690.0/28

All: -60.594 $\pm$ 0.000 χ^2 /NDF: 606393252.7/5

- sign 7.437 $\pm$ 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: 64.408+/-0.447 χ^2/NDF : 4683.4/11

Right Out: 95.846+/-0.000 χ^2/NDF : 39385.0/18

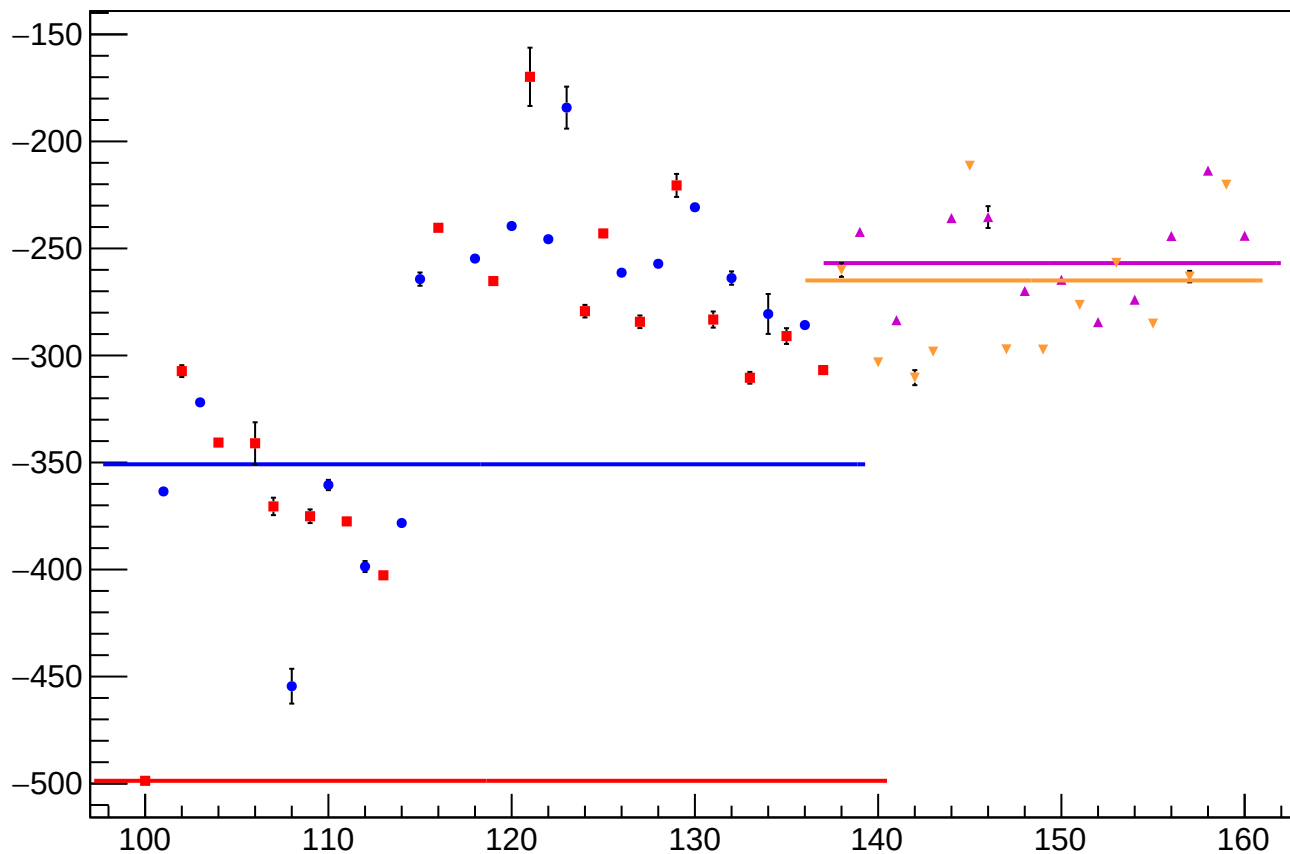
Left In: 55.753+/-0.326 χ^2/NDF : 4573.8/10

+ sign 58.880+/-0.000 χ^2/NDF : 8651.3/28

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: -264.952+/-0.439 χ^2 /NDF: 6300.2/11

Right Out: -498.692+/-0.000 χ^2 /NDF: 511870.8/18

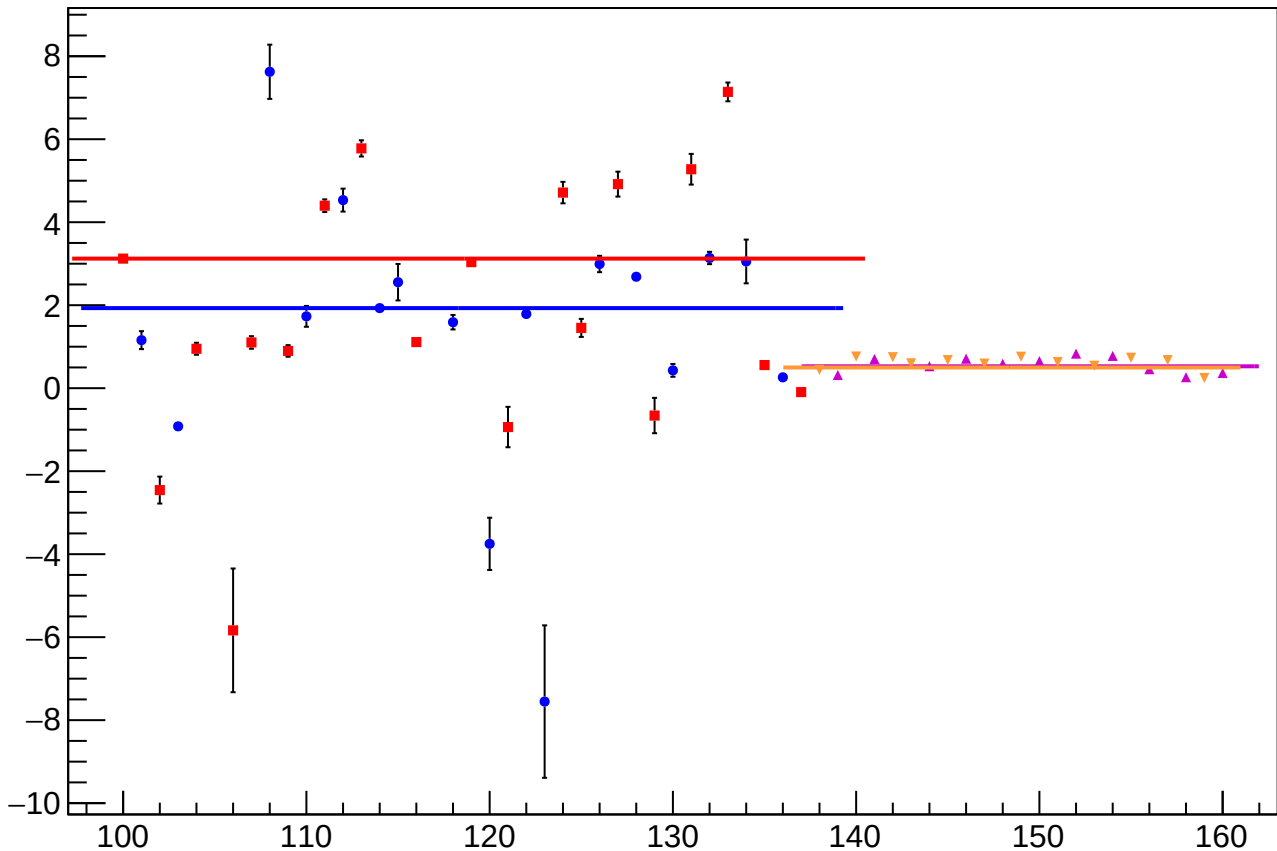
Left In: -256.841+/-0.329 χ^2 /NDF: 4178.6/10

+ sign -330.523+/-0.214 χ^2 /NDF: 76770.7/28

All: -498.692+/-0.000 χ^2 /NDF: 1751105.8/58

- 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: 0.499 ± 0.003 χ^2/NDF : 7214.0/11

Right Out: 3.123 ± 0.000 χ^2/NDF : 512565.5/18

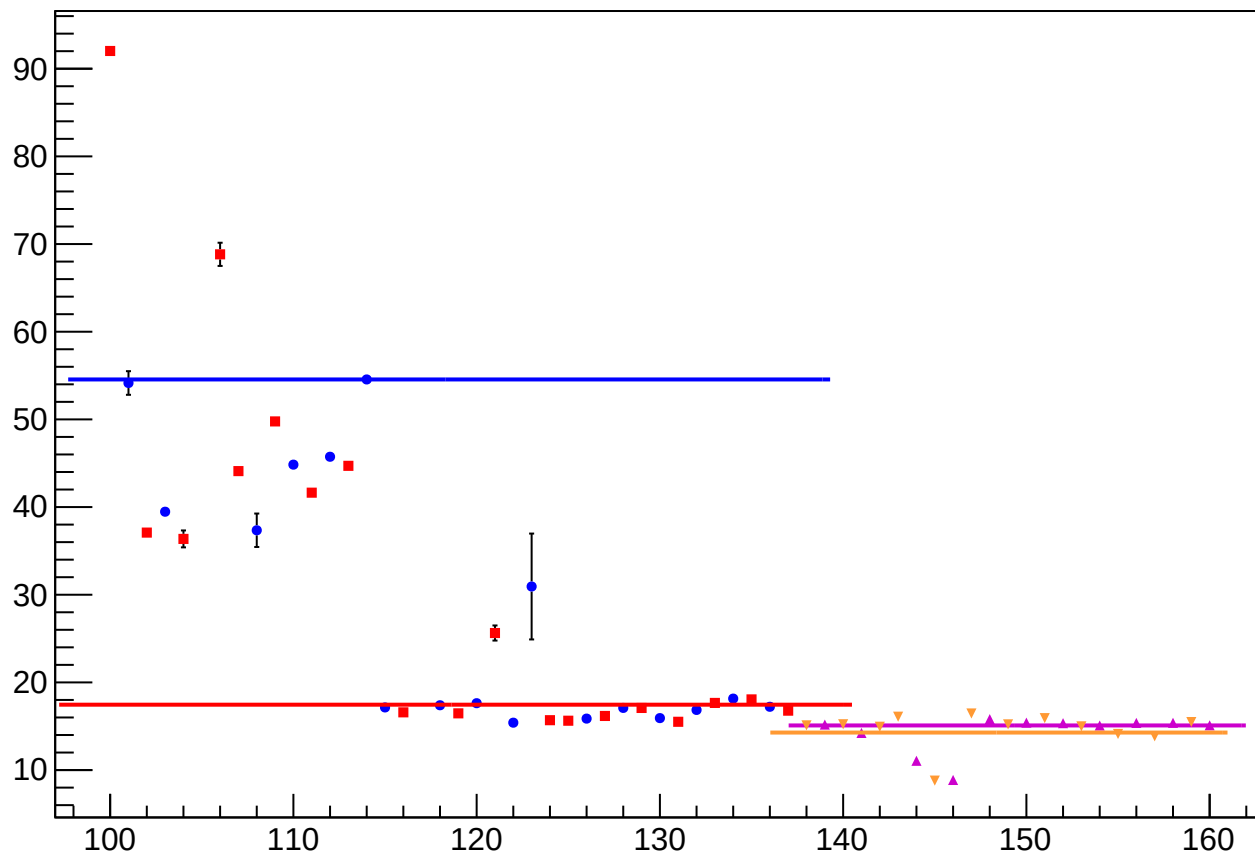
Left In: 0.527 ± 0.002 χ^2/NDF : 11454.1/10

+ sign 1.930 ± 0.000 χ^2/NDF : 389445.9/28

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 $\pm$ 0.000 χ^2 /NDF: 7238433.0/16

Left Out: 14.280 $\pm$ 0.009 χ^2 /NDF: 80827.8/11

Right Out: 17.458 $\pm$ 0.018 χ^2 /NDF: 99308.5/18

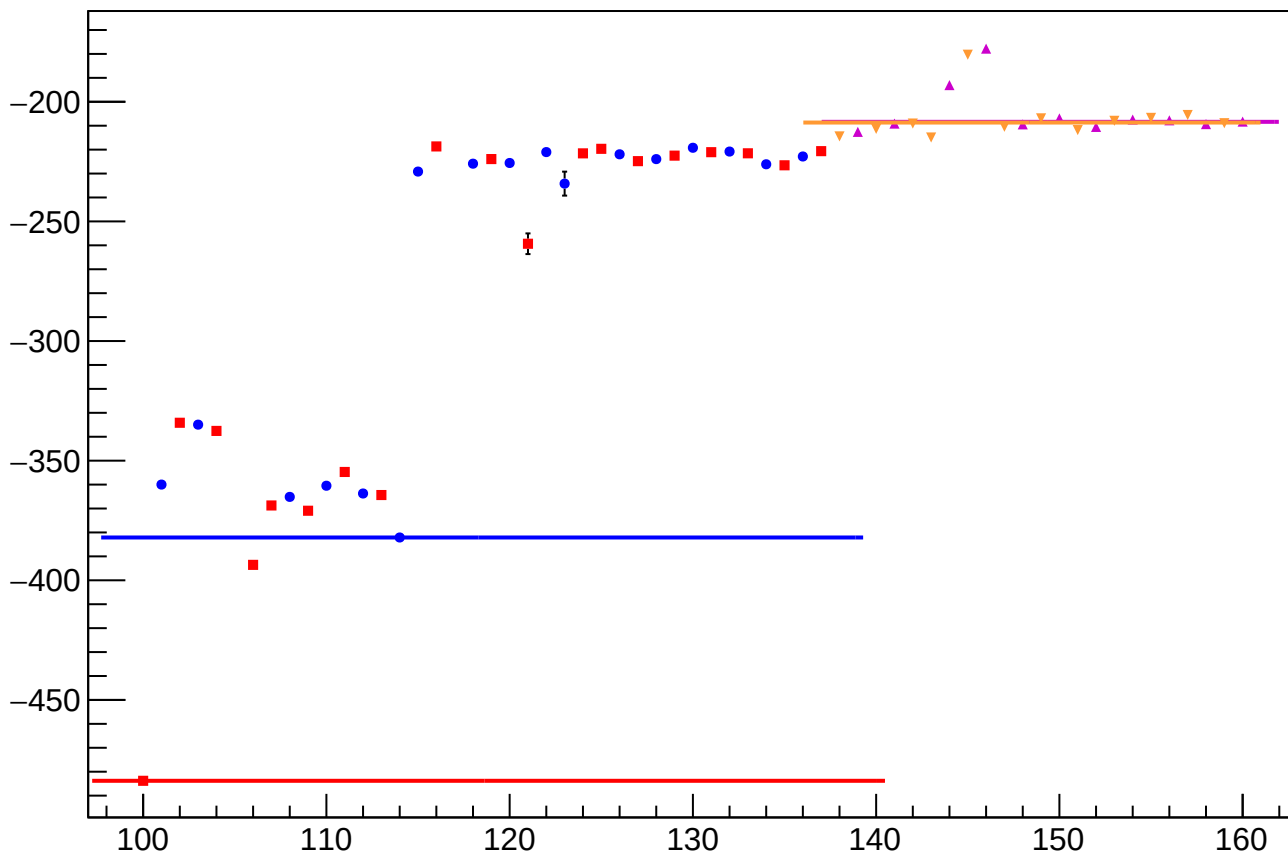
Left In: 15.091 $\pm$ 0.008 χ^2 /NDF: 7922.9/10

+ sign 54.556 $\pm$ 0.000 χ^2 /NDF: 27047886.2/28

All: 54.556 $\pm$ 0.000 χ^2 /NDF: 53510343.7/58

- sign 15.501 $\pm$ 0.008 χ^2 /NDF: 121088.7/29

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -208.677+/-0.020 χ^2/NDF : 59933.5/11

Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

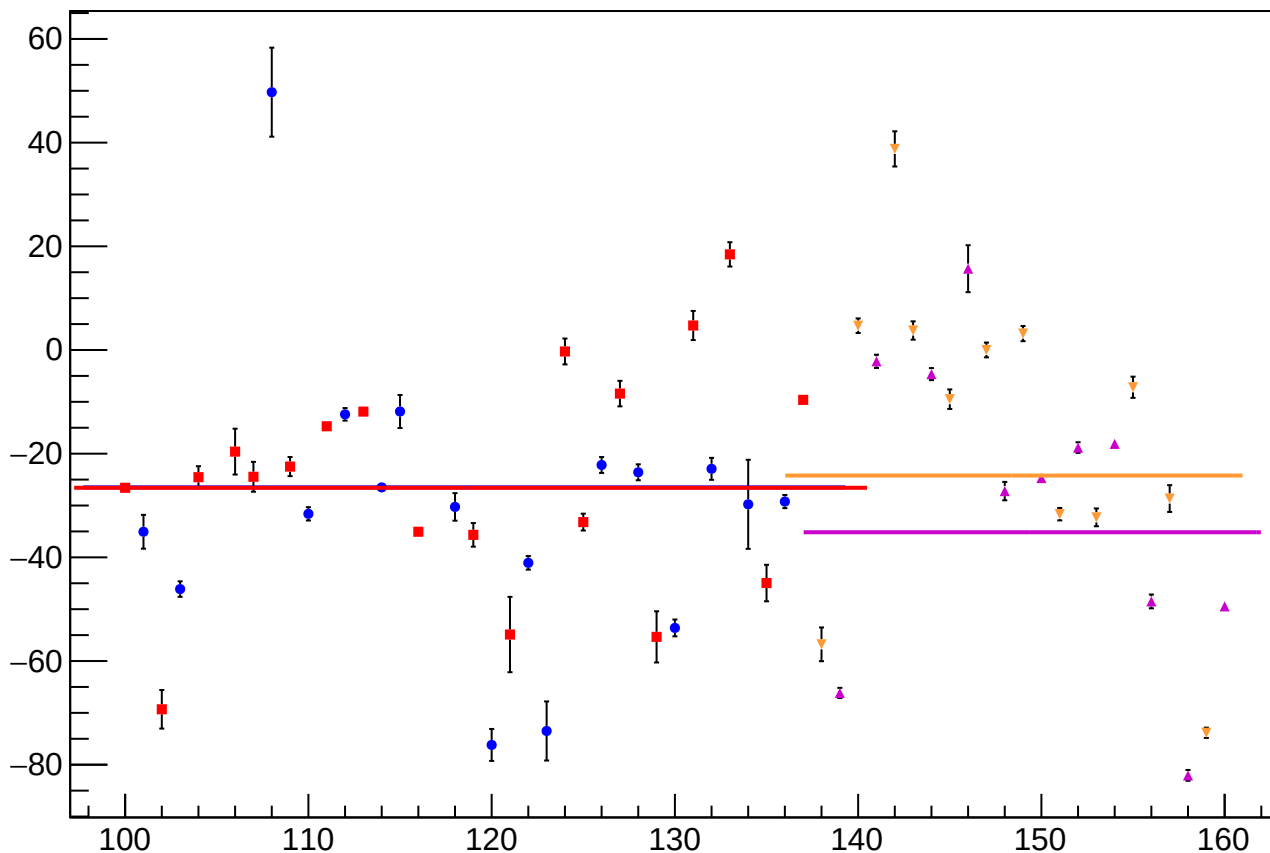
Left In: -208.383+/-0.019 χ^2/NDF : 13971.6/10

+ sign -382.108+/-0.000 χ^2/NDF : 93419891.7/28

All: -417.999+/-0.000 χ^2/NDF : 12425488813

- sign -483.800+/-0.000 χ^2/NDF : 243630656.7/29

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -24.217 ± 0.462 χ^2/NDF : 4449.0/11

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

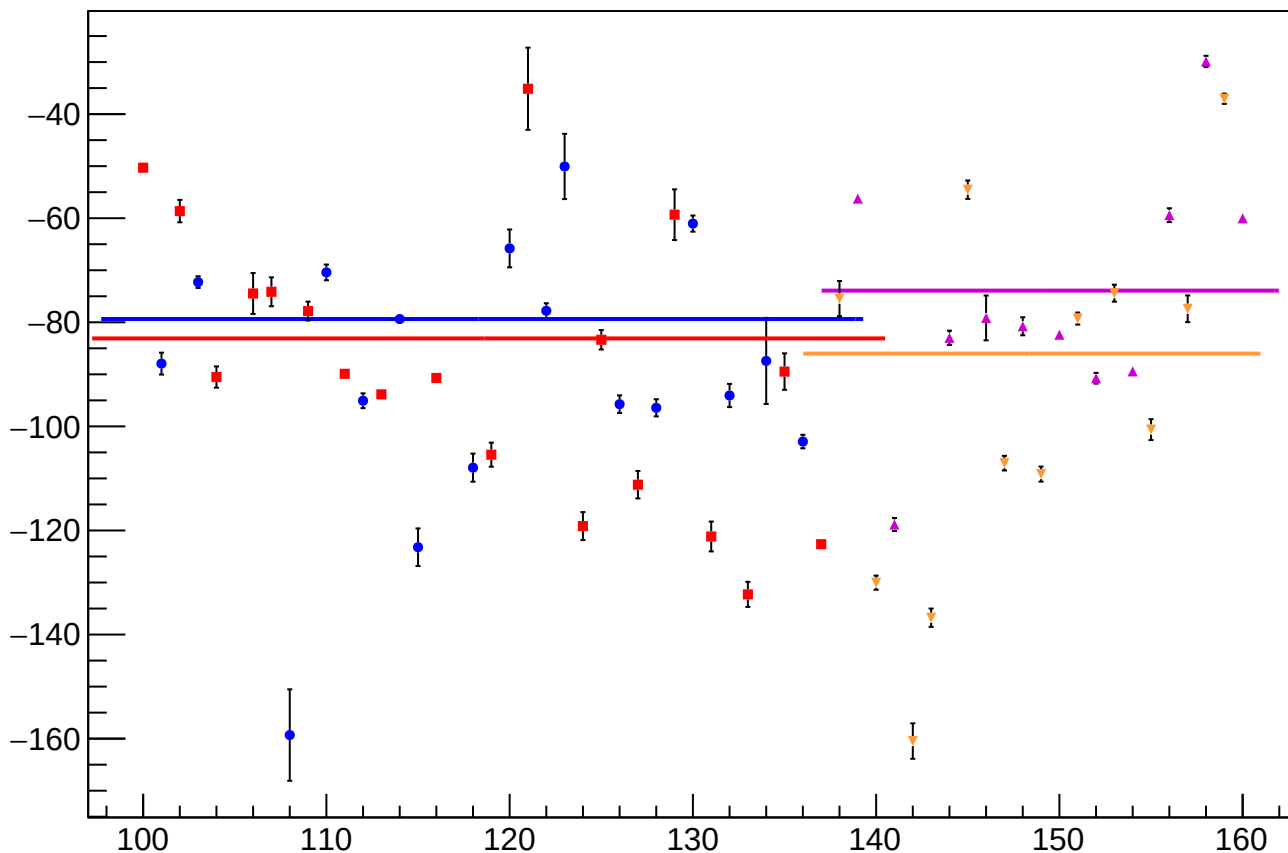
Left In: -35.159 ± 0.331 χ^2/NDF : 5616.0/10

+ sign -26.504 ± 0.000 χ^2/NDF : 5654.1/28

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: -86.017 ± 0.453 χ^2/NDF : 5772.0/11

Right Out: -83.099 ± 0.178 χ^2/NDF : 11915.8/18

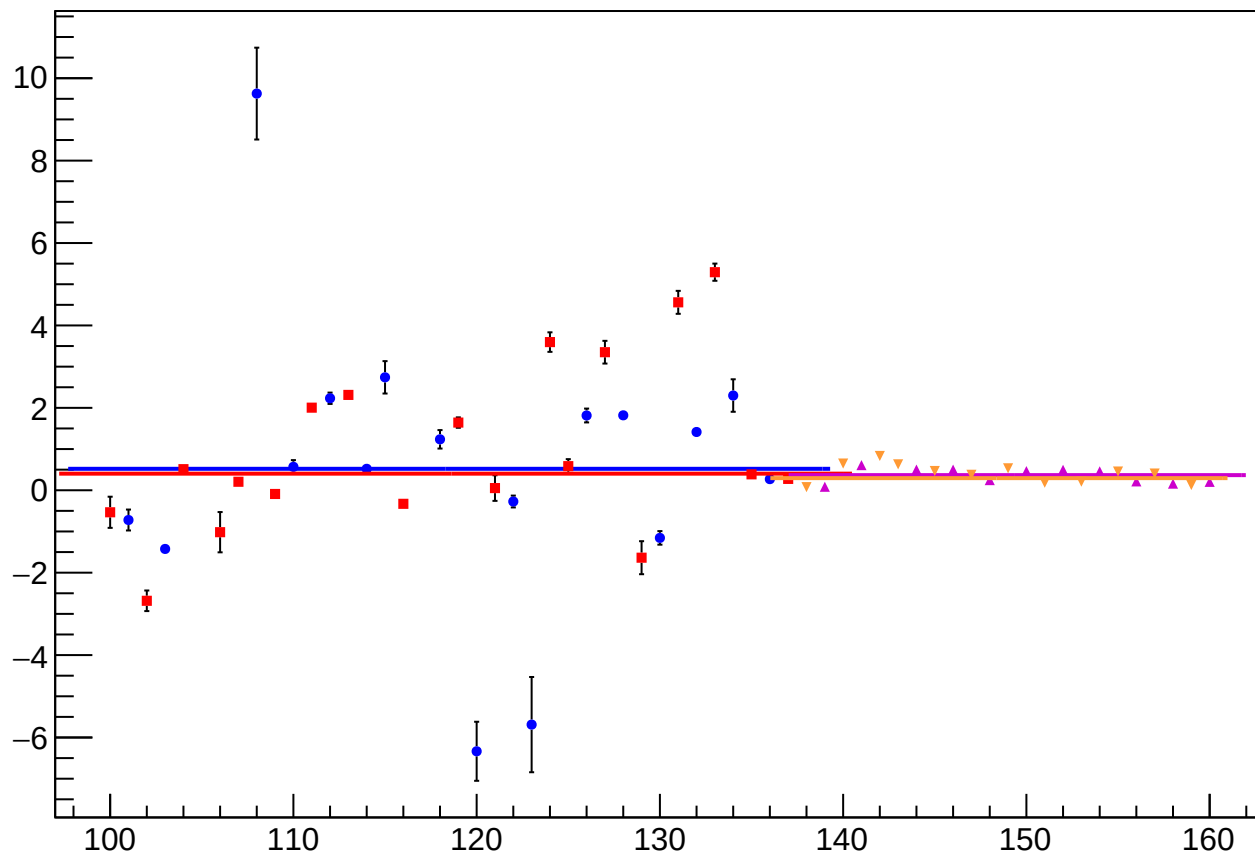
Left In: -73.910 ± 0.327 χ^2/NDF : 4413.0/10

+ sign -79.376 ± 0.000 χ^2/NDF : 7291.9/28

All: -79.376 ± 0.000 χ^2/NDF : 24336.1/58

- 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: 0.294+/-0.003 χ^2/NDF :5627.1/11

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

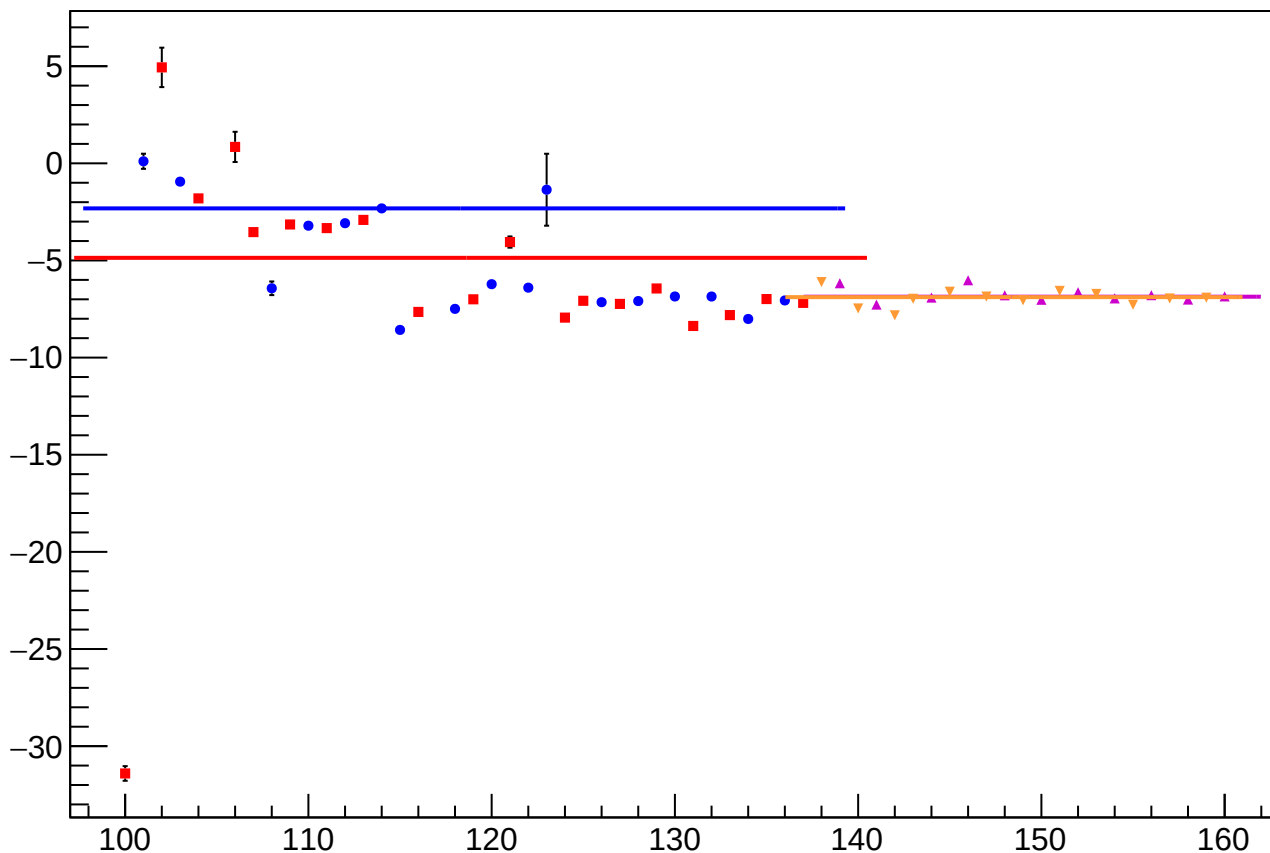
Left In: 0.367+/-0.002 χ^2/NDF :8292.4/10

+ sign 0.521+/-0.000 χ^2/NDF : 16247.5/28

All: 0.521+/-0.000 χ^2/NDF : 32922.9/58

- 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: -6.888 ± 0.003 χ^2/NDF : 2587.5/11

Right Out: -4.864 ± 0.010 χ^2/NDF : 49380.5/18

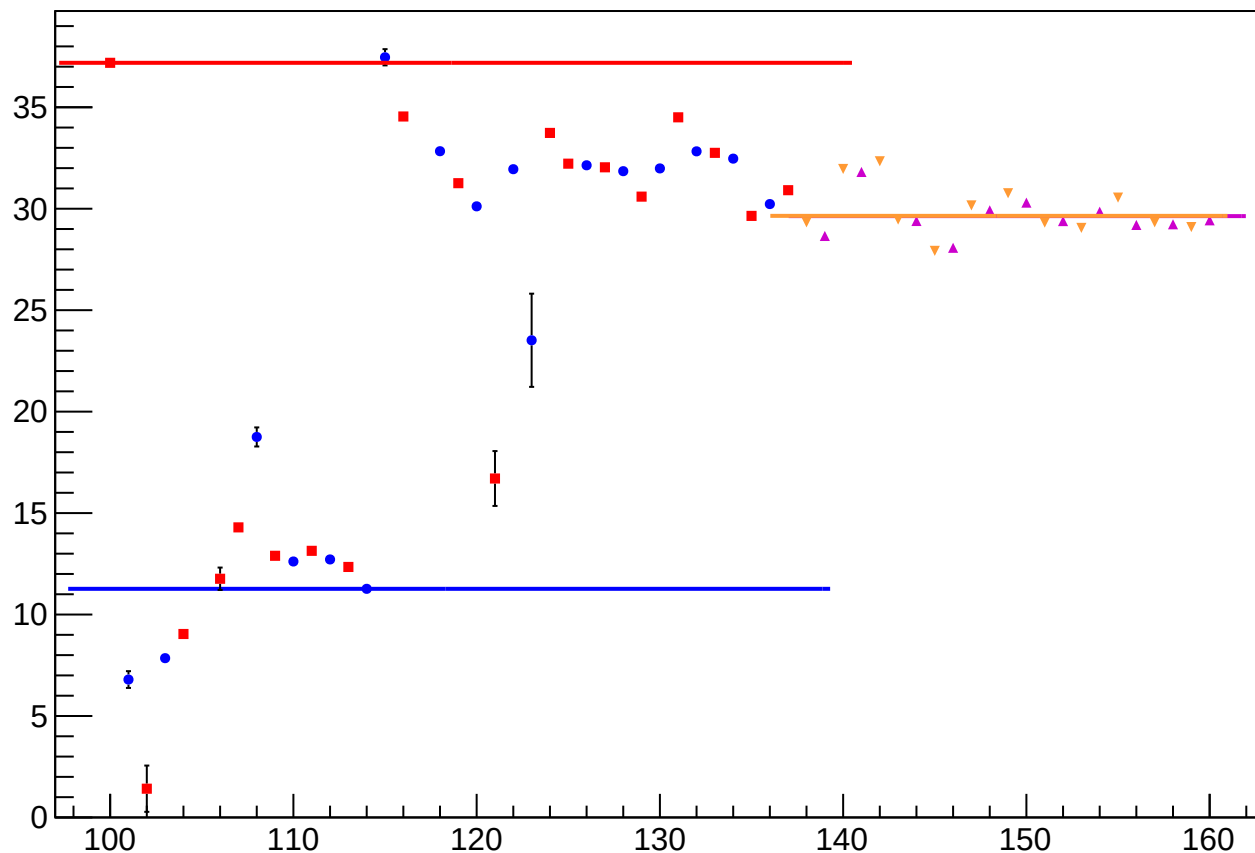
Left In: -6.865 ± 0.003 χ^2/NDF : 5101.9/10

+ sign -2.320 ± 0.000 χ^2/NDF : 2222009.7/28

All: -2.320 ± 0.000 χ^2/NDF : 4616353.5/58

- 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: 29.648 $\pm$ 0.013 χ^2 /NDF: 5688.8/11

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

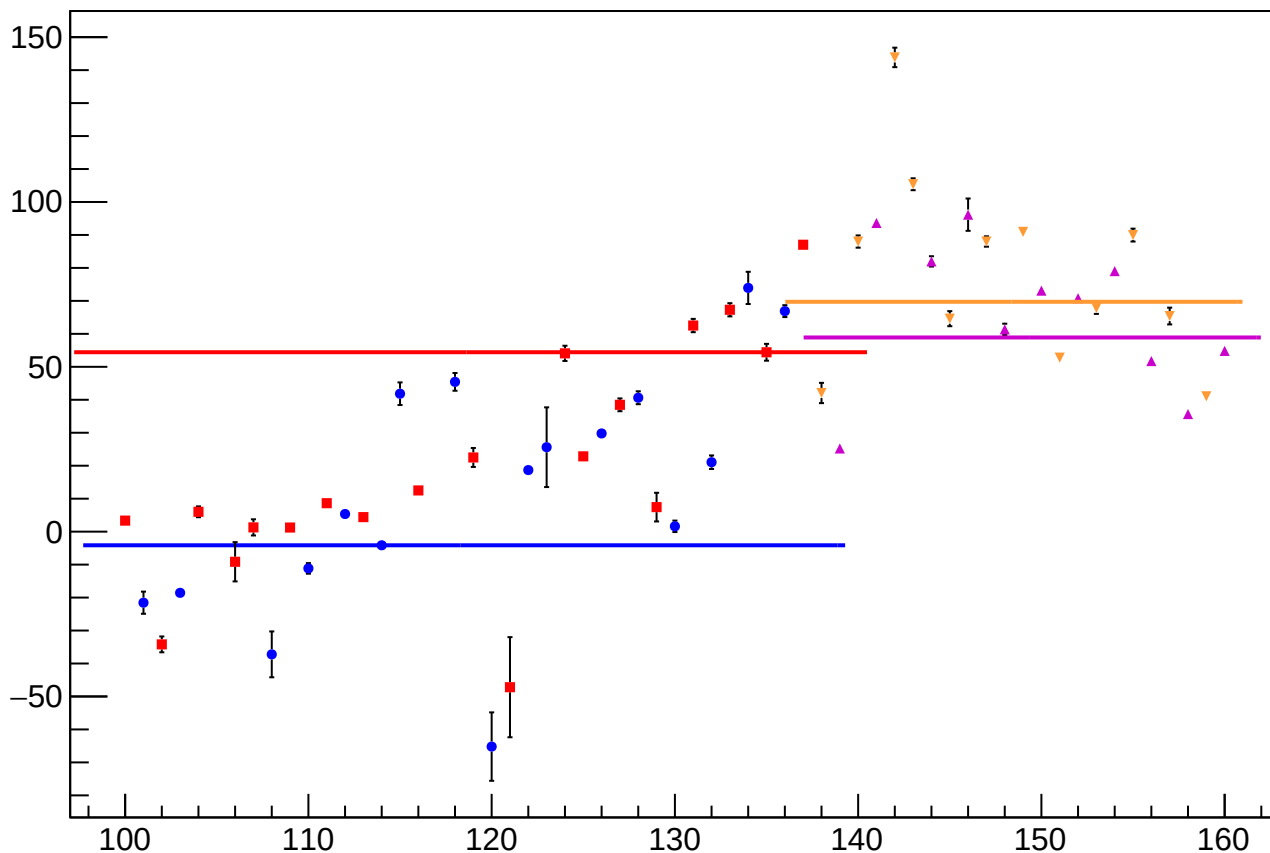
Left In: 29.636 $\pm$ 0.010 χ^2 /NDF: 3136.0/10

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 2923894.8/28

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: 69.726 ± 0.475 χ^2/NDF : 2736.6/11

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

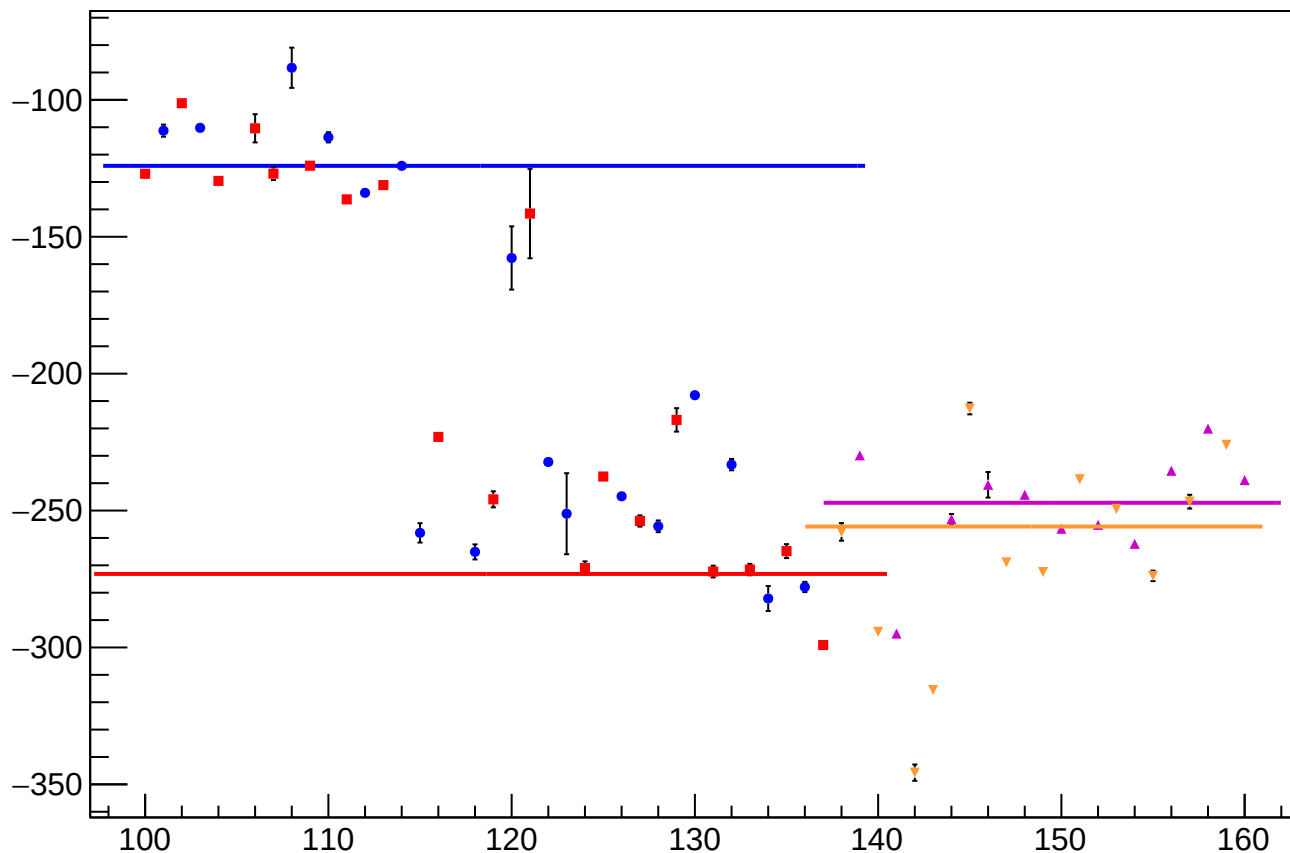
Left In: 58.901 ± 0.328 χ^2/NDF : 4417.2/10

+ sign -4.139 ± 0.000 χ^2/NDF : 31546.3/28

All: -4.139 ± 0.000 χ^2/NDF : 245283.4/58

- 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: -255.829+/-0.468 χ^2/NDF : 4356.7/11

Right Out: -273.143+/-0.113 χ^2/NDF : 280141.9/18

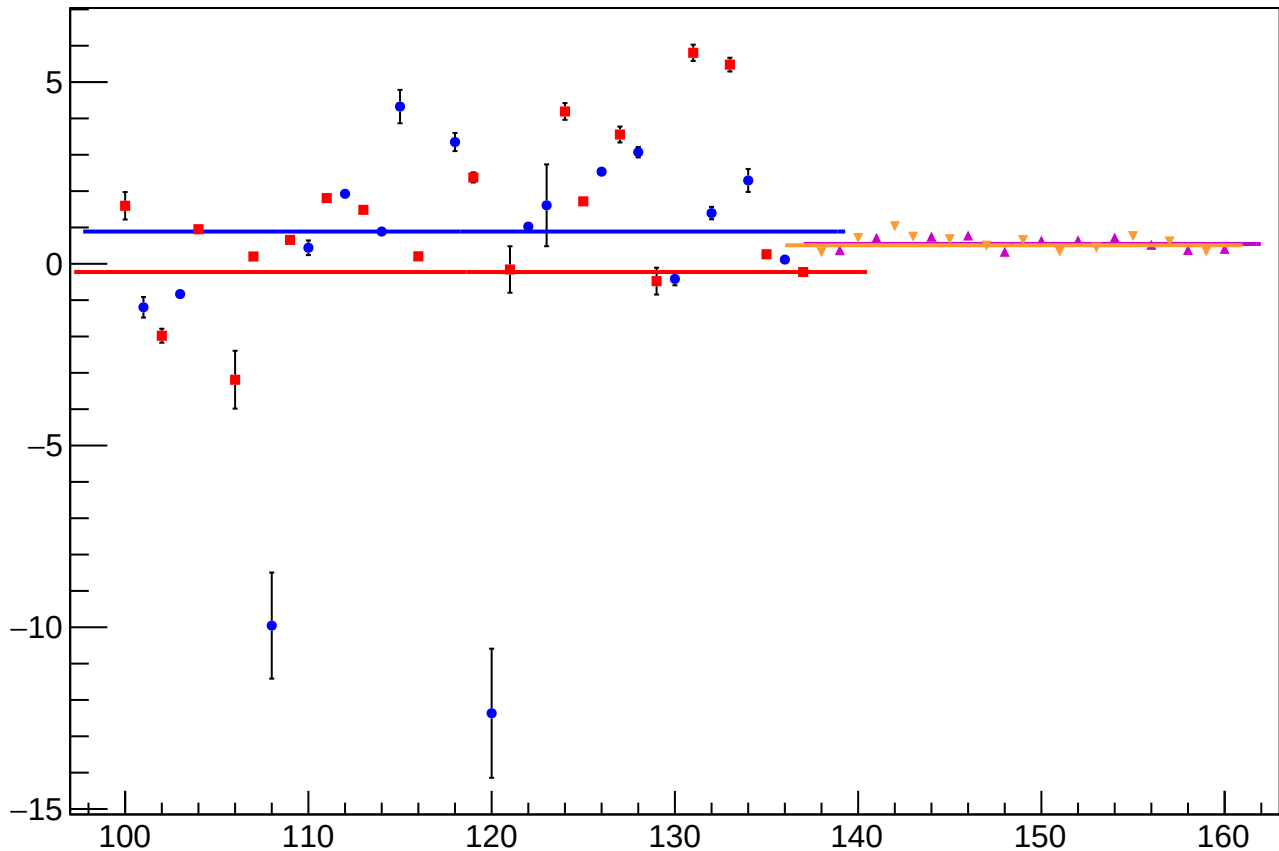
Left In: -247.162+/-0.322 χ^2/NDF : 3219.7/10

+ sign -124.095+/-0.000 χ^2/NDF : 121709.4/28

All: -124.095+/-0.000 χ^2/NDF : 2299657.2/58

- 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: 0.510 ± 0.003 χ^2/NDF : 3283.2/11

Right Out: -0.226 ± 0.000 χ^2/NDF : 5031.1/18

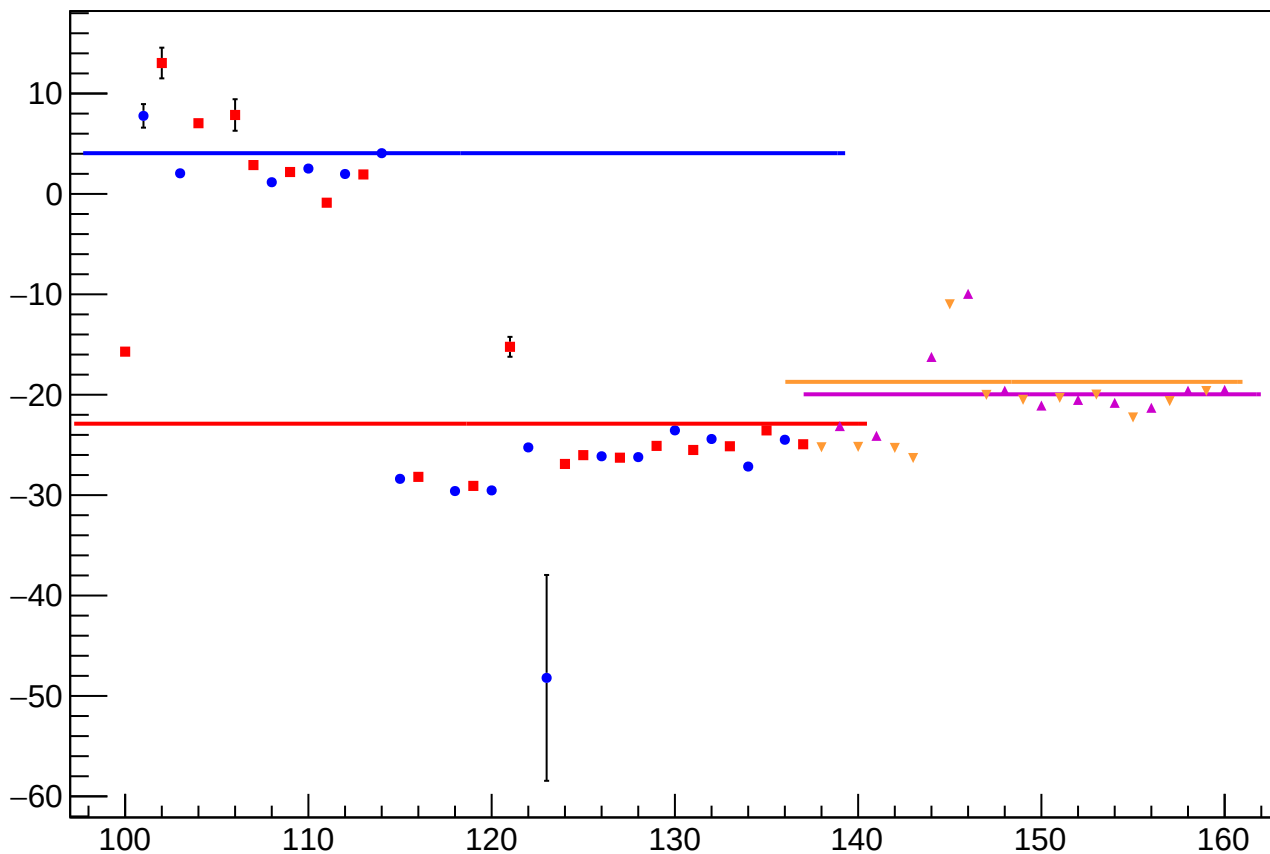
Left In: 0.546 ± 0.003 χ^2/NDF : 3451.6/10

+ sign 0.888 ± 0.000 χ^2/NDF : 25723.5/28

All: 0.888 ± 0.000 χ^2/NDF : 422258811.6/58

- sign -0.226 ± 0.000 χ^2/NDF : 99342.1/29

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -18.717+/-0.016 χ^2/NDF : 77347.9/11

Right Out: -22.885+/-0.026 χ^2/NDF : 116508.9/18

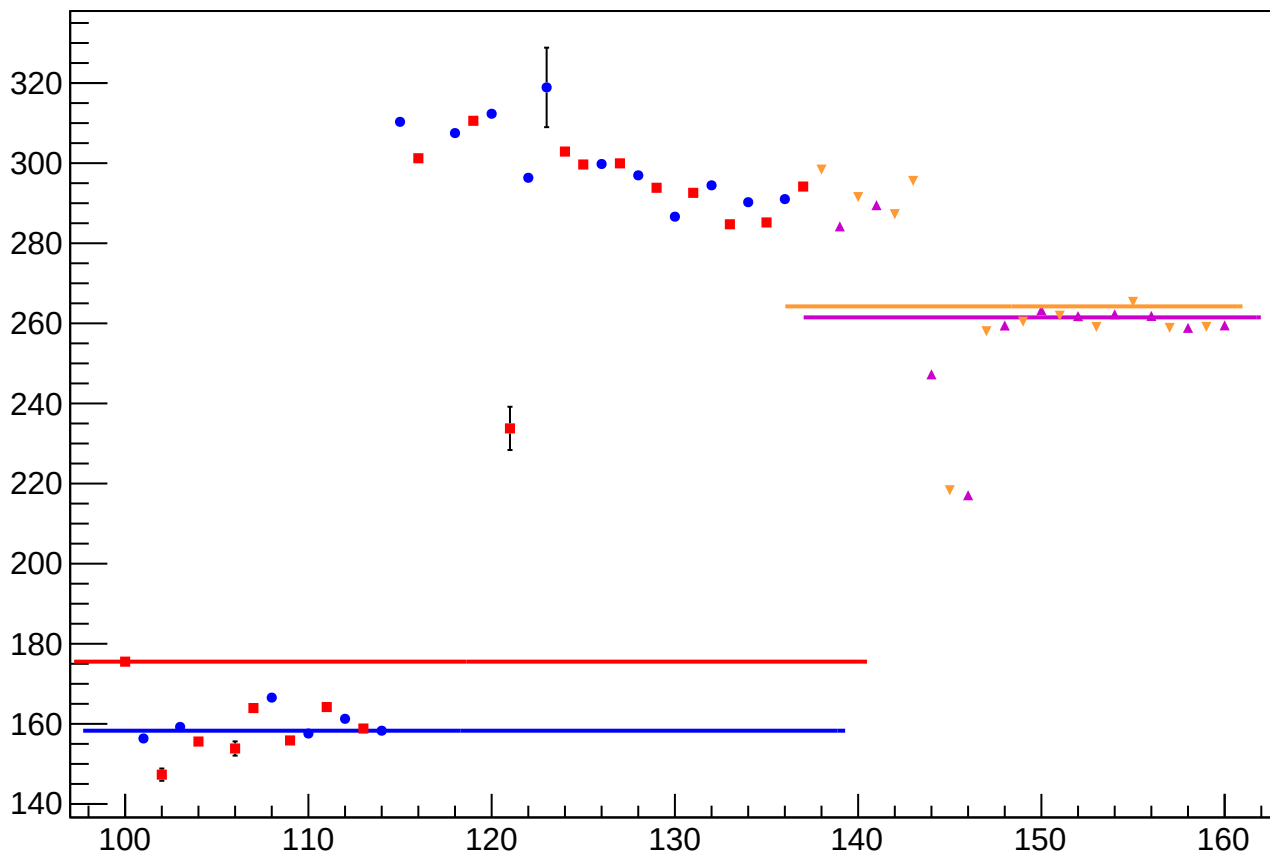
Left In: -19.957+/-0.012 χ^2/NDF : 19826.1/10

+ sign 4.057+/-0.000 χ^2/NDF : 3443450.6/28

All: 4.057+/-0.000 χ^2/NDF : 8513976.0/58

- sign -20.474+/-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: 264.235 $\pm$ 0.039 χ^2 /NDF:186732.1/11

Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2100196.2/18

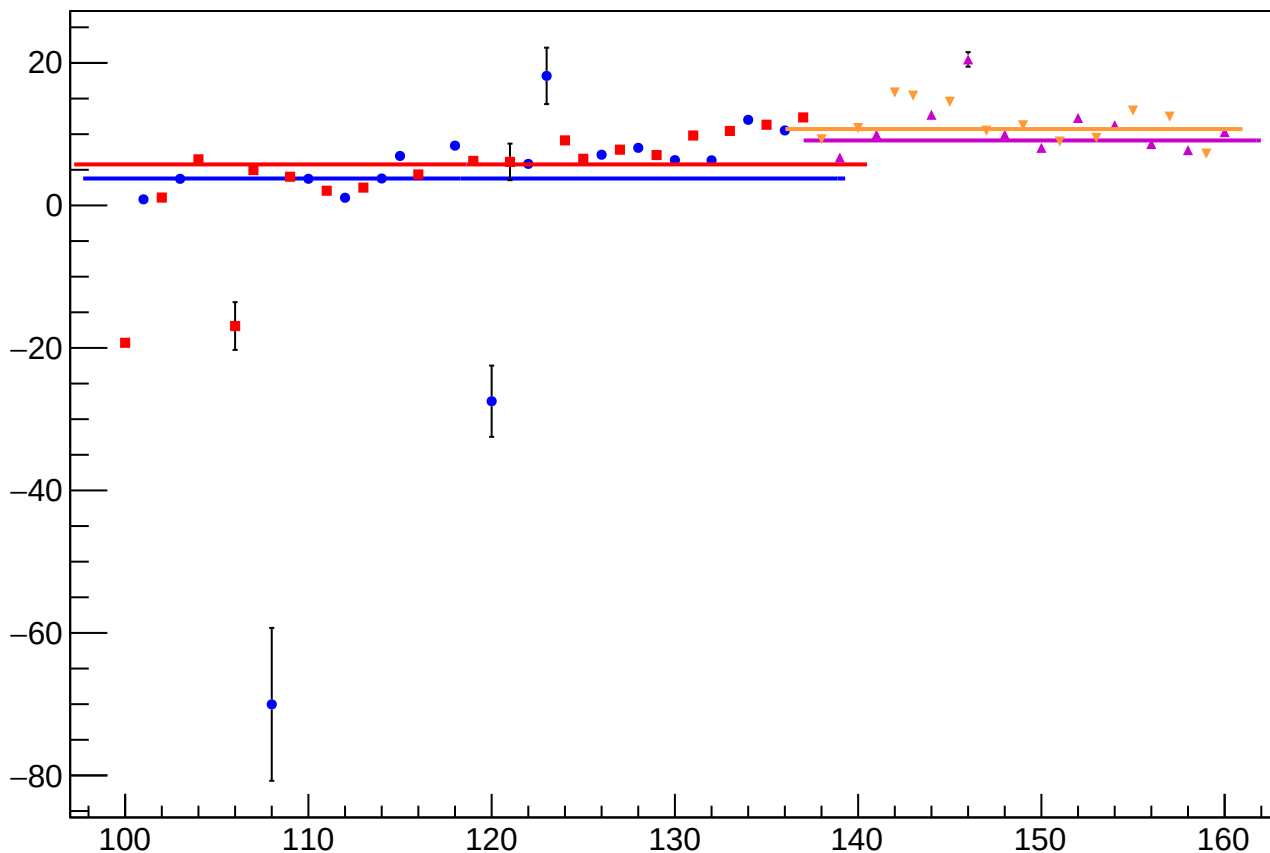
Left In: 261.492 $\pm$ 0.034 χ^2 /NDF:38392.6/10

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 9821539.3/28

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: 10.719 ± 0.039 χ^2/NDF : 2066.7/11

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

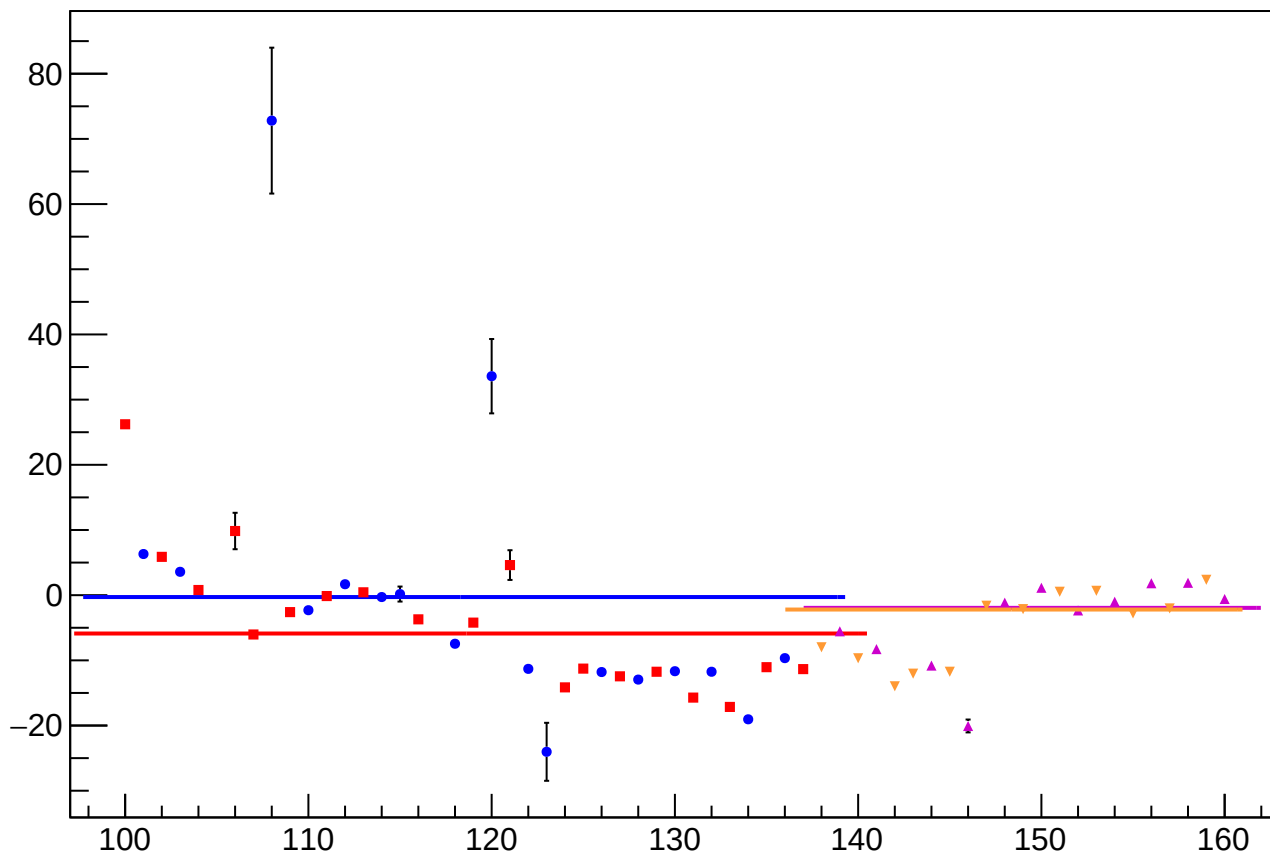
Left In: 9.119 ± 0.035 χ^2/NDF : 2507.5/10

+ sign 3.778 ± 0.000 χ^2/NDF : 41139.1/28

All: 3.778 ± 0.000 χ^2/NDF : 95063.5/58

- 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: -2.204 ± 0.038 χ^2/NDF : 8670.0/11

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

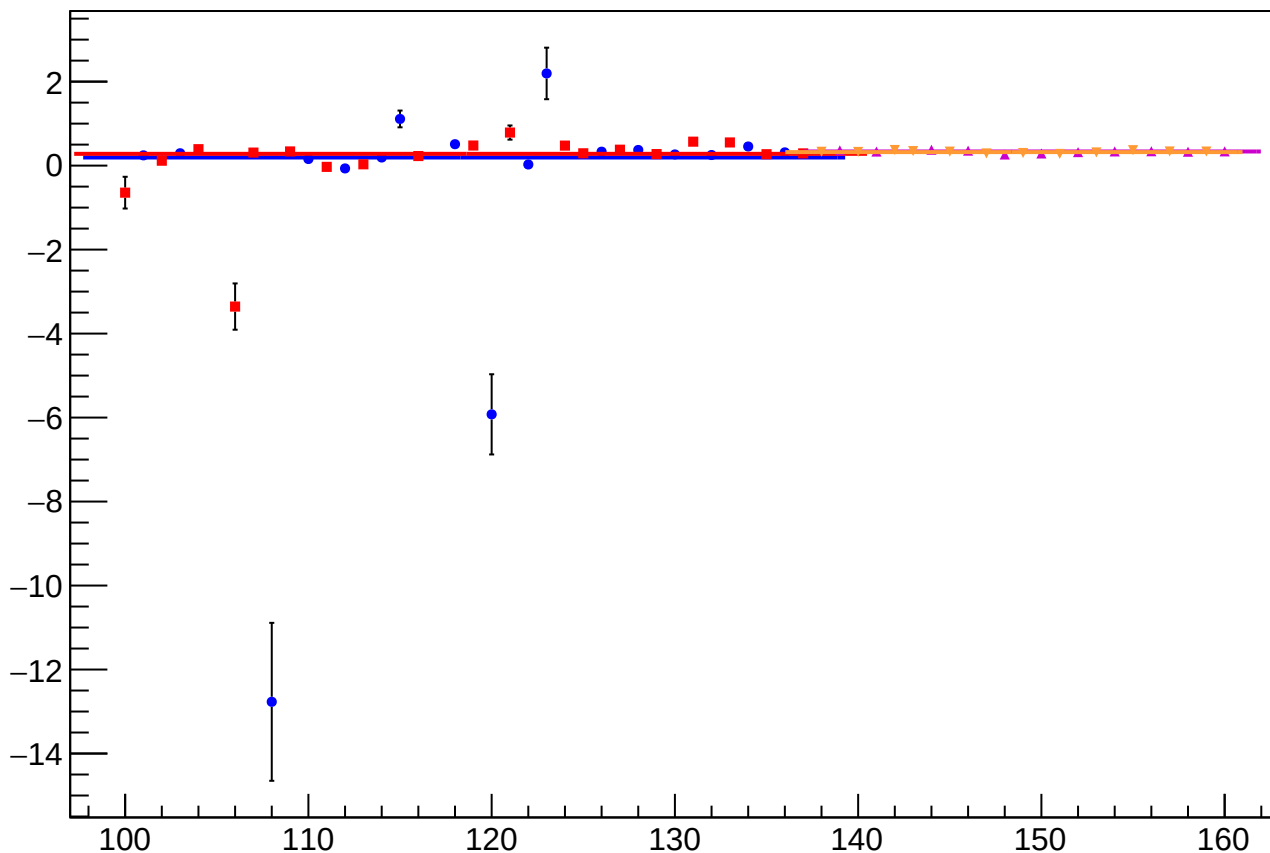
Left In: -1.946 ± 0.035 χ^2/NDF : 11649.3/10

+ sign -0.287 ± 0.000 χ^2/NDF : 55459.7/28

All: -0.287 ± 0.000 χ^2/NDF : 175107.0/58

- 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: 0.322+/-0.001 χ^2/NDF : 1190.5/11

Right Out: 0.280+/-0.001 χ^2/NDF : 6059.0/18

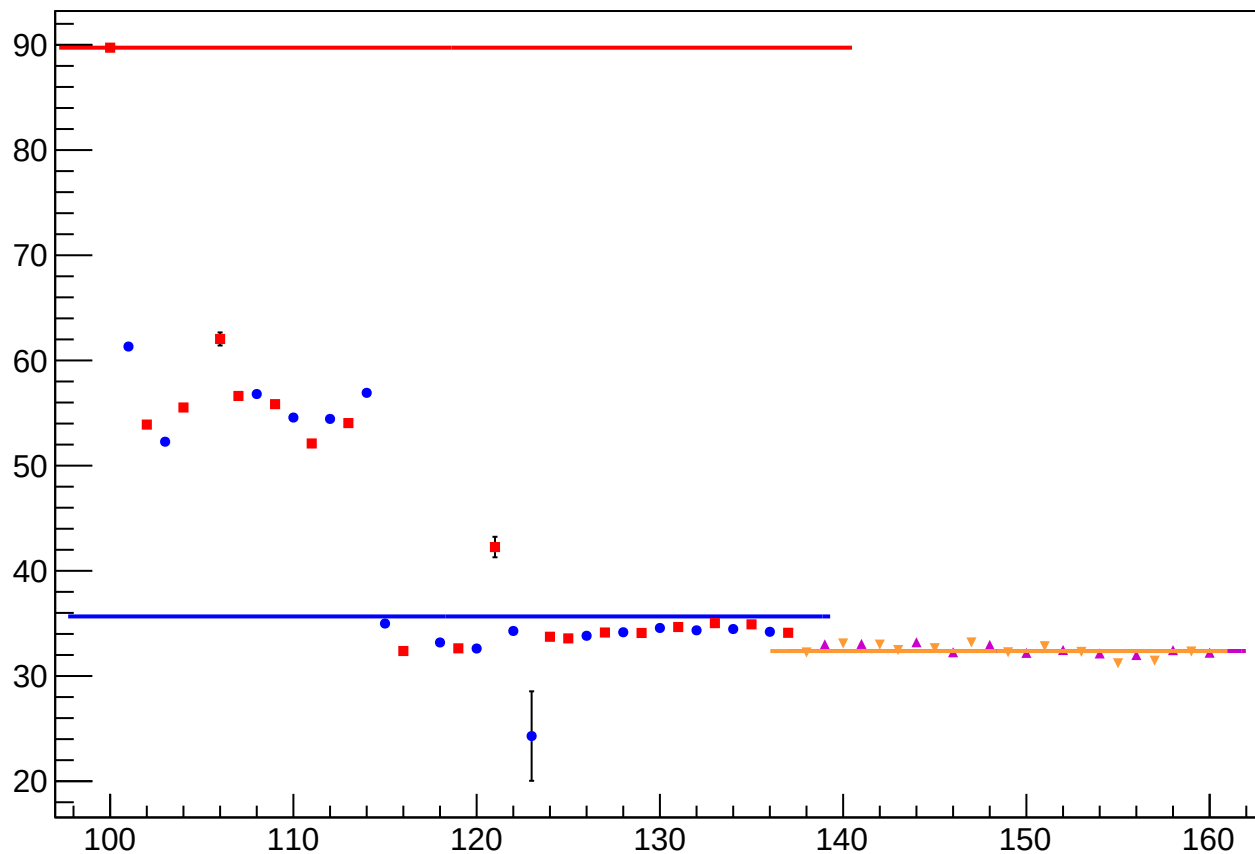
Left In: 0.336+/-0.001 χ^2/NDF : 2136.0/10

+ sign 0.193+/-0.000 χ^2/NDF : 46601.9/28

All: 0.193+/-0.000 χ^2/NDF : 101538.3/58

- sign 0.326+/-0.001 χ^2/NDF : 9369.0/29

dit_sam5_4aY_slope vs Slug



Right In: 35.664 ± 0.011 $\chi^2/\text{NDF}: 218662.5/16$

Left Out: 32.373 ± 0.005 $\chi^2/\text{NDF}: 2663.6/11$

Right Out: 89.735 ± 0.000 $\chi^2/\text{NDF}: 25801560.6/18$

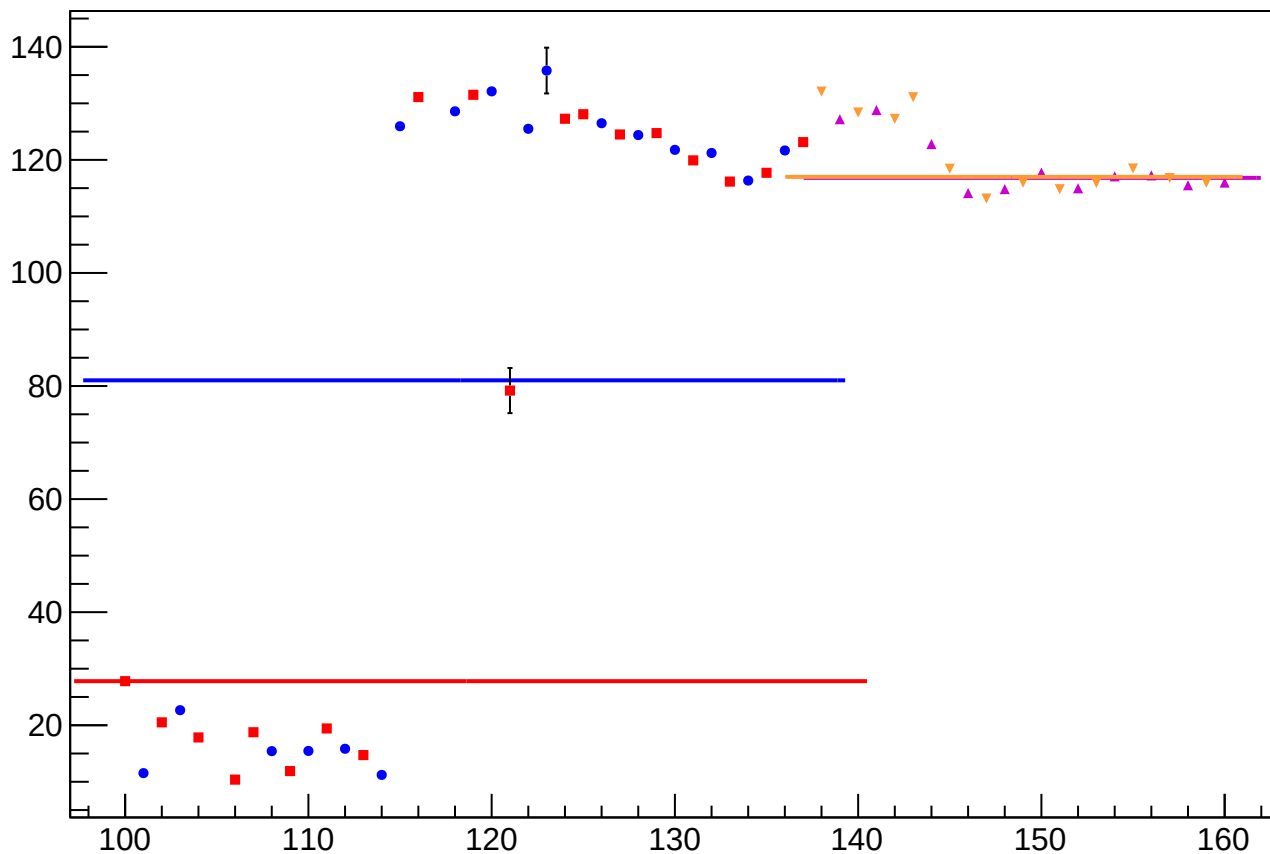
Left In: 32.378 ± 0.004 $\chi^2/\text{NDF}: 3903.4/10$

+ sign 32.929 ± 0.005 $\chi^2/\text{NDF}: 290994.0/28$

All: 89.735 ± 0.000 $\chi^2/\text{NDF}: 343347871.8/58$

- sign 89.735 ± 0.000 $\chi^2/\text{NDF}: 195053075.3/29$

dit_sam5_4eY_slope vs Slug



Right In: 81.005 ± 0.035 $\chi^2/\text{NDF}: 2228881.4/16$

Left Out: 116.996 ± 0.010 $\chi^2/\text{NDF}: 136480.0/11$

Right Out: 27.798 ± 0.000 $\chi^2/\text{NDF}: 9183707.8/18$

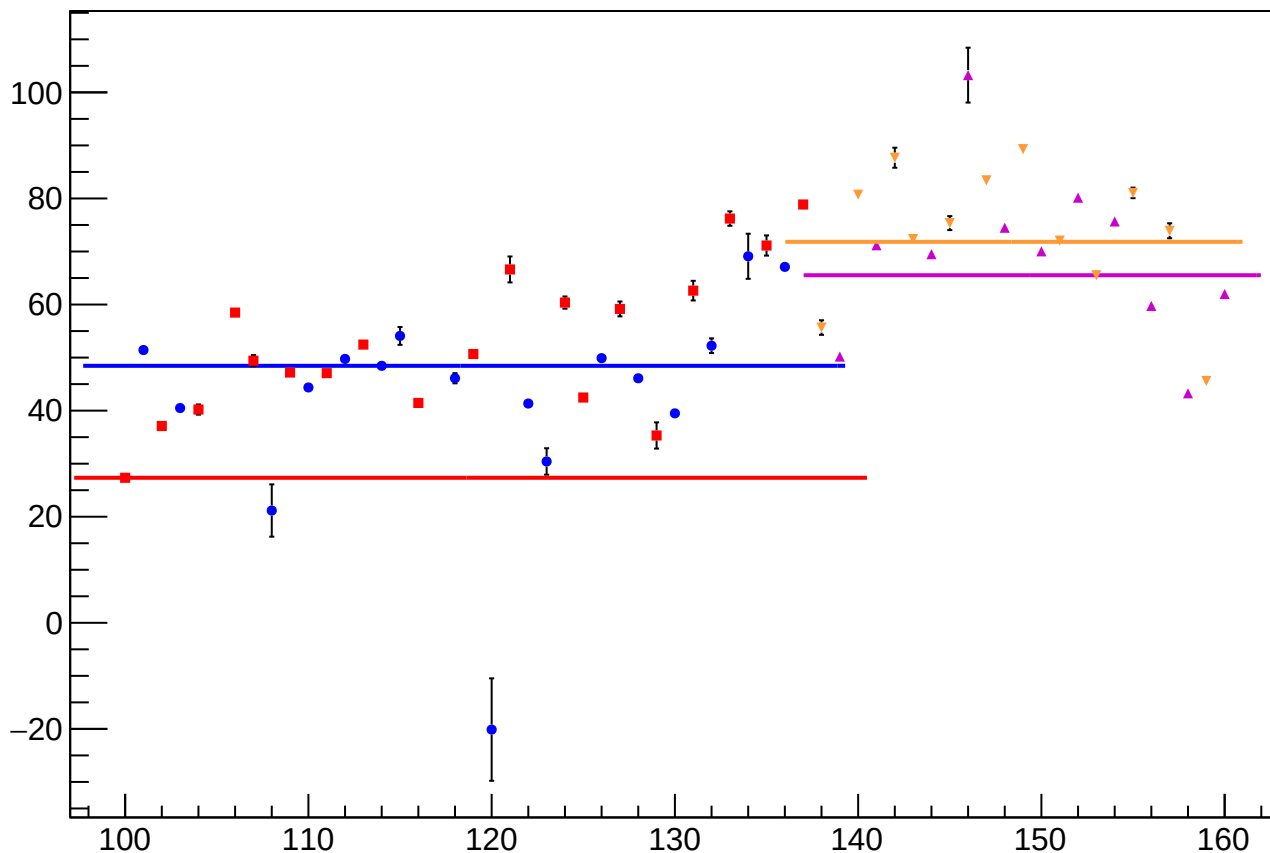
Left In: 116.819 ± 0.010 $\chi^2/\text{NDF}: 40662.5/10$

+ sign 114.103 ± 0.010 $\chi^2/\text{NDF}: 3364323.8/28$

All: 27.798 ± 0.000 $\chi^2/\text{NDF}: 173745702.8/58$

- sign 27.798 ± 0.000 $\chi^2/\text{NDF}: 92675424.0/29$

dit_sam6_4aX_slope vs Slug



Right In: 48.450 $\pm$ 0.000 χ^2 /NDF: 2751.4/16

Left Out: 71.824 $\pm$ 0.234 χ^2 /NDF: 3667.5/11

Right Out: 27.342 $\pm$ 0.000 χ^2 /NDF: 25810.4/18

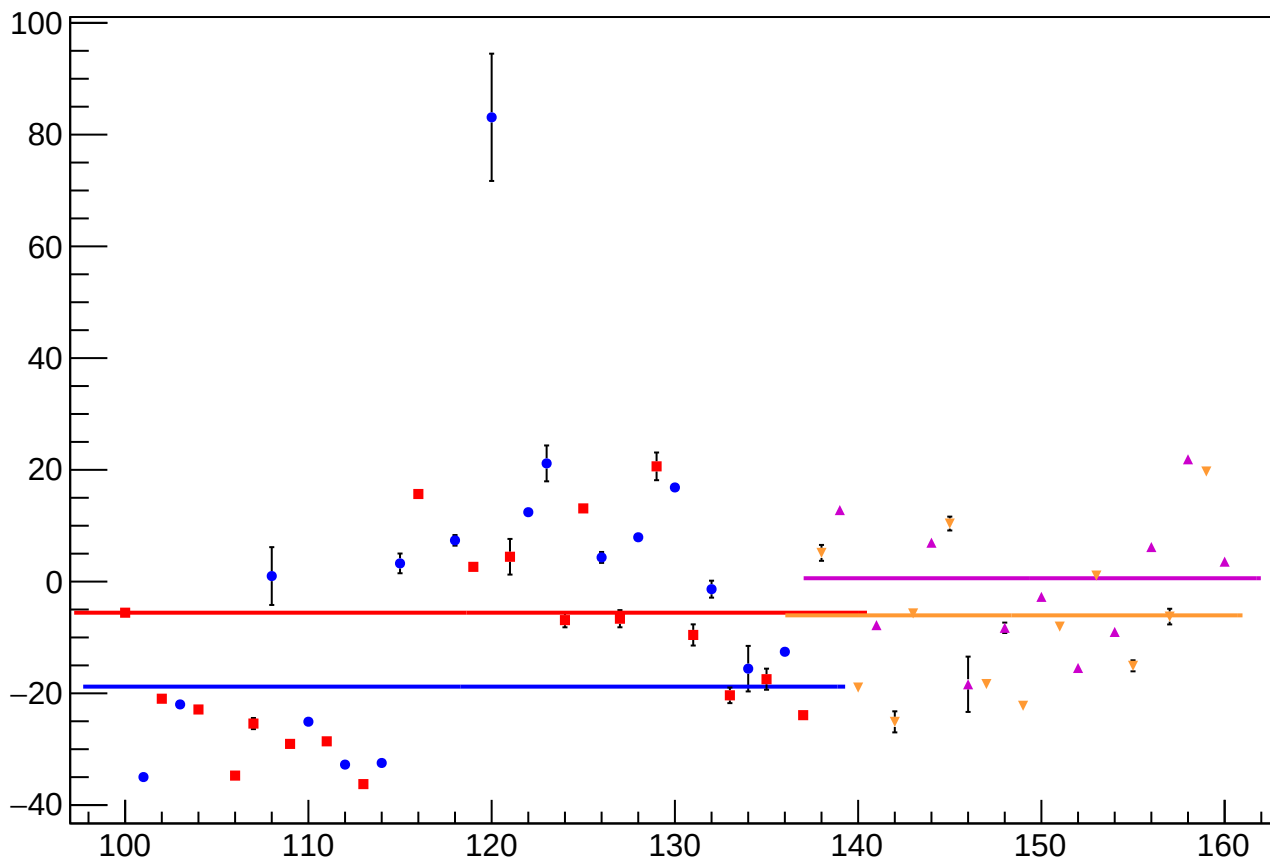
Left In: 65.528 $\pm$ 0.181 χ^2 /NDF: 3783.8/10

+ sign 48.450 $\pm$ 0.000 χ^2 /NDF: 16407.4/28

All: 28.365 $\pm$ 0.000 χ^2 /NDF: 102629010488

- sign 27.342 $\pm$ 0.000 χ^2 /NDF: 74154.0/29

dit_sam6_4eX_slope vs Slug



Right In: -18.800 $\pm$ 0.148 χ^2/NDF : 11764.7/16

Left Out: -6.044 $\pm$ 0.231 χ^2/NDF : 3937.1/11

Right Out: -5.568 $\pm$ 0.000 χ^2/NDF : 23097.3/18

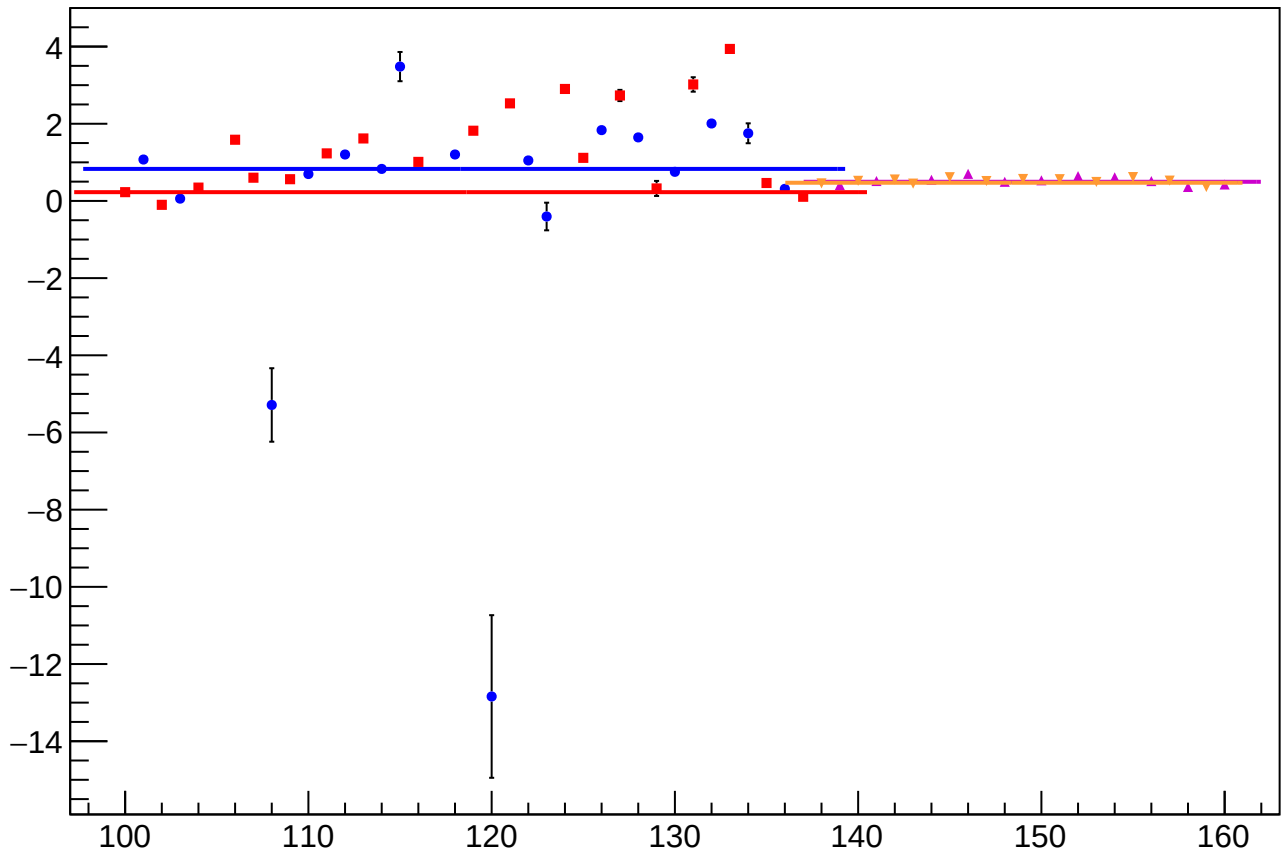
Left In: 0.600 $\pm$ 0.178 χ^2/NDF : 3402.2/10

+ sign -15.063 $\pm$ 0.125 χ^2/NDF : 17865.2/28

All: -5.568 $\pm$ 0.000 χ^2/NDF : 51352.6/58

- sign -5.568 $\pm$ 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: 0.471 ± 0.001 χ^2/NDF : 4670.4/11

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

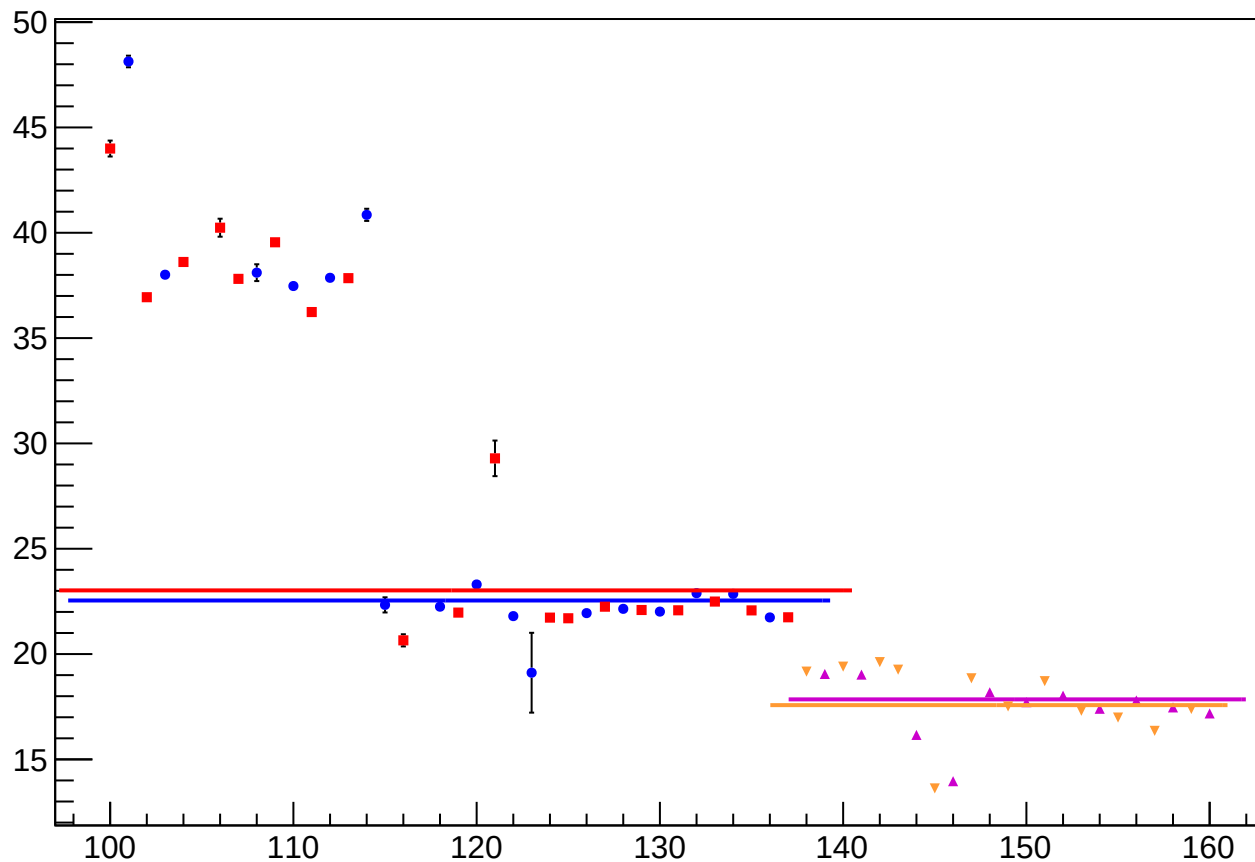
Left In: 0.496 ± 0.001 χ^2/NDF : 6280.4/10

+ sign 0.830 ± 0.000 χ^2/NDF : 92309.6/28

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 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 17.576 $\pm$ 0.007 χ^2 /NDF:69933.7/11

Right Out: 23.023 $\pm$ 0.009 χ^2 /NDF: 165838.0/18

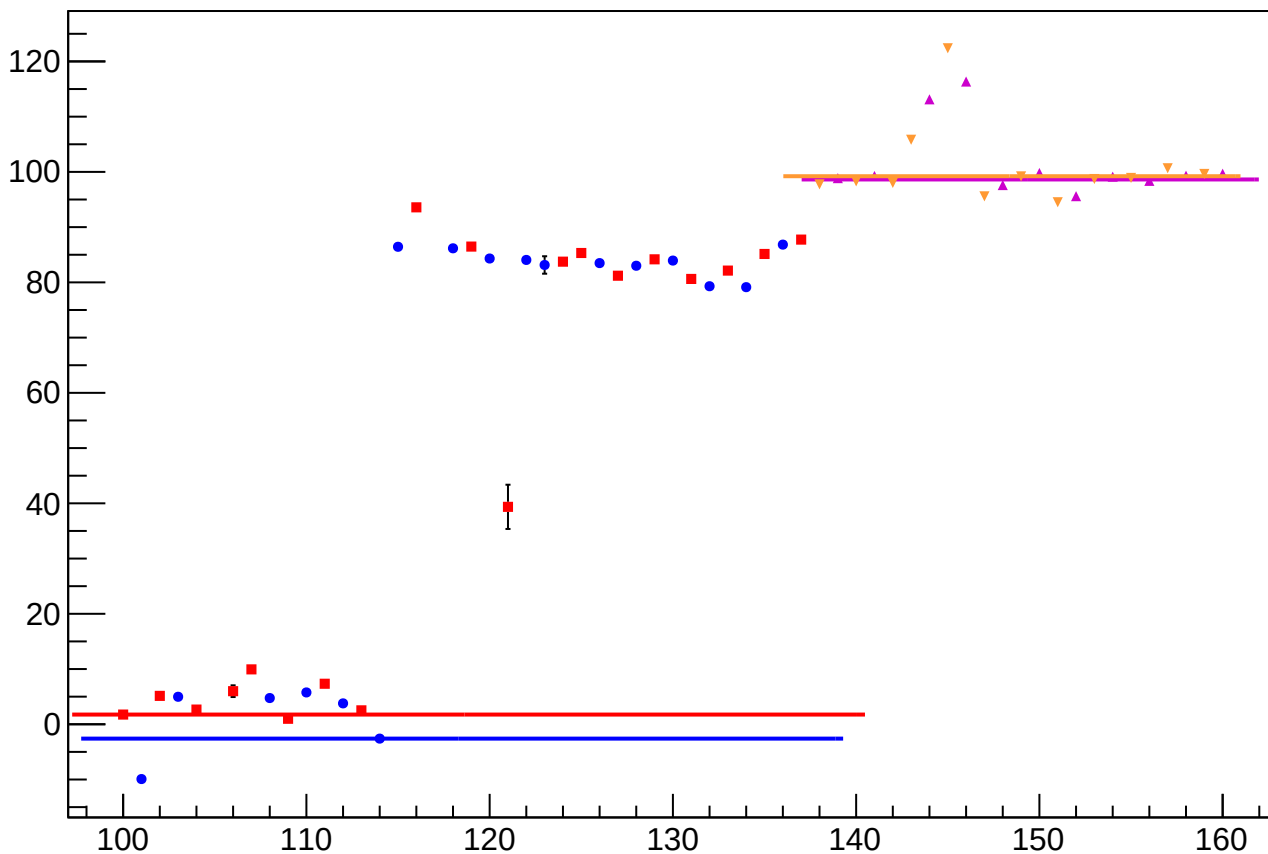
Left In: 17.849 $\pm$ 0.008 χ^2 /NDF:11608.2/10

+ sign 19.328 $\pm$ 0.006 χ^2 /NDF: 359651.2/28

All: 19.647 $\pm$ 0.004 χ^2 /NDF: 735026.0/58

- sign 20.004 $\pm$ 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: 99.217+/-0.014 χ^2 /NDF:68139.6/11

Right Out: 1.758+/-0.000 χ^2 /NDF: 4230949.4/18

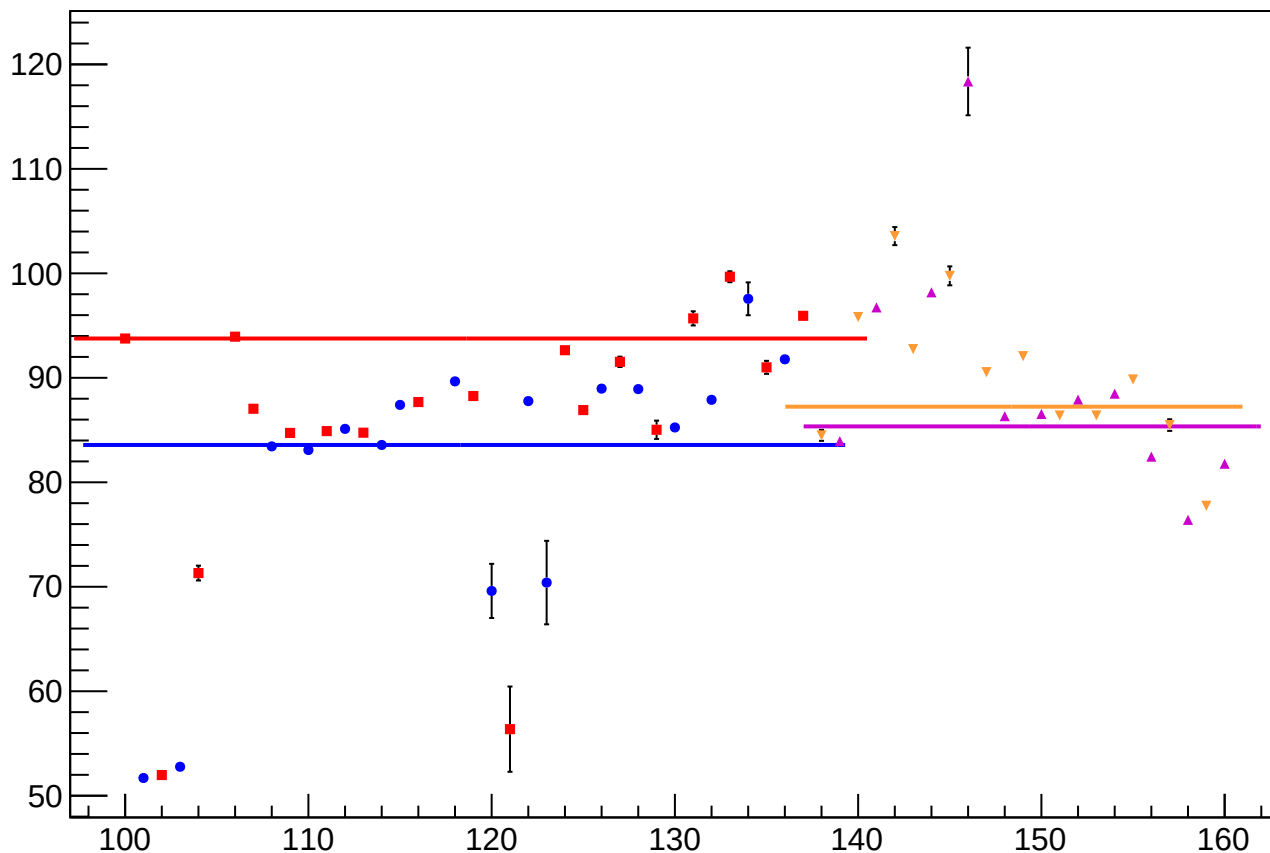
Left In: 98.629+/-0.014 χ^2 /NDF:16549.9/10

+ sign -2.596+/-0.000 χ^2 /NDF: 58409255.2/28

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: 87.237+/-0.089 χ^2/NDF : 5156.2/11

Right Out: 93.762+/-0.000 χ^2/NDF : 82848.8/18

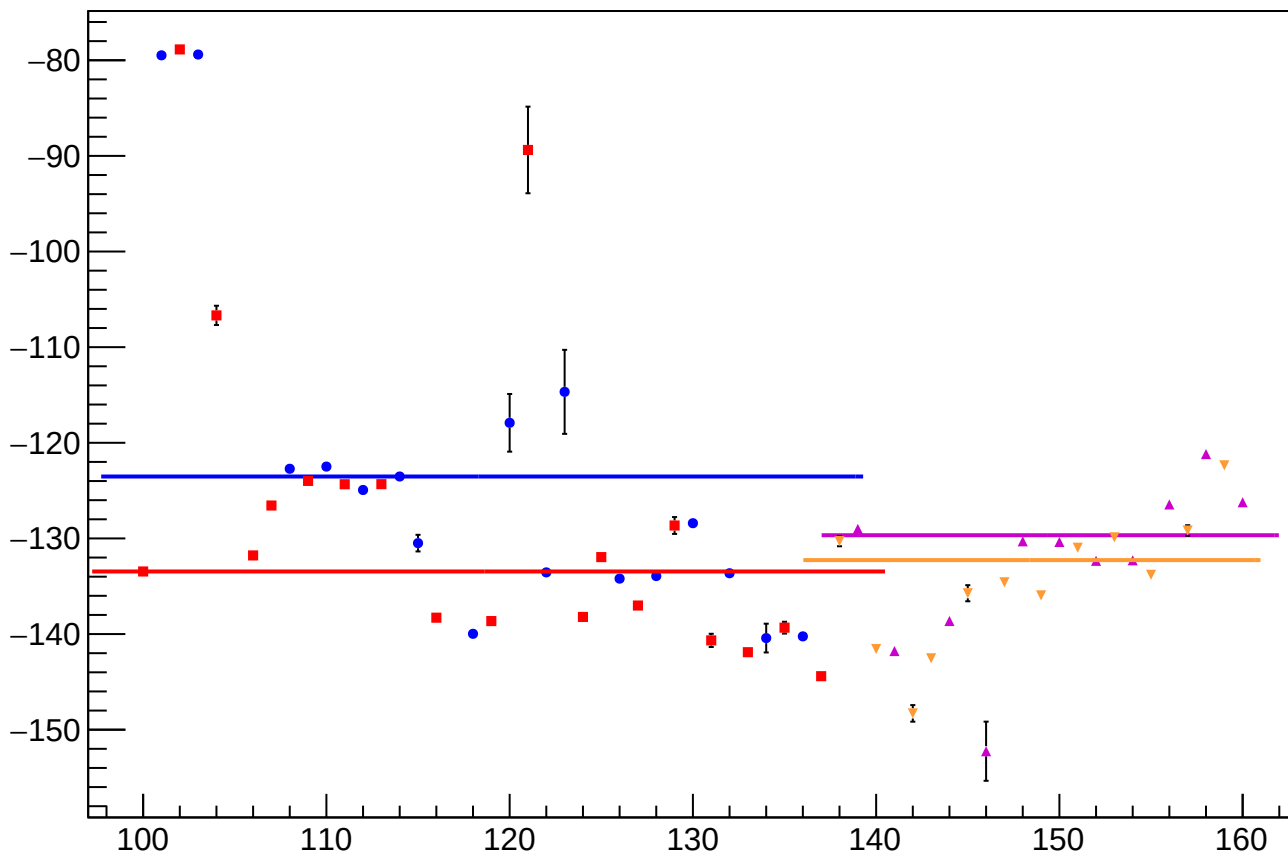
Left In: 85.349+/-0.066 χ^2/NDF : 5914.7/10

+ sign 83.573+/-0.000 χ^2/NDF : 56336.6/28

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 χ^2 /NDF: 160356.5/16

Left Out: -132.266+/-0.088 χ^2 /NDF: 6588.8/11

Right Out: -133.456+/-0.000 χ^2 /NDF: 394896.3/18

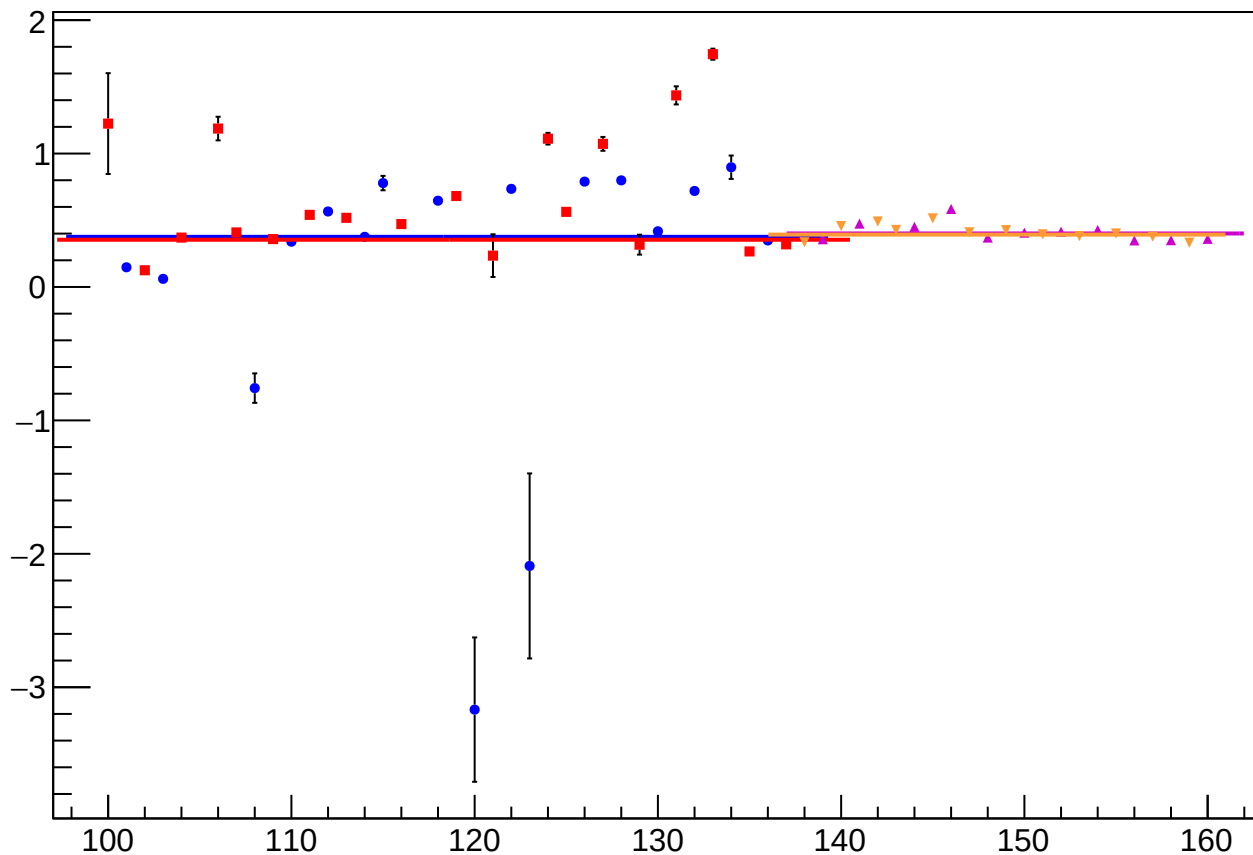
Left In: -129.665+/-0.065 χ^2 /NDF: 5103.7/10

+ sign -123.524+/-0.000 χ^2 /NDF: 176830.6/28

All: -124.716+/-0.000 χ^2 /NDF: 64467869901

- sign -133.456+/-0.000 χ^2 /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: 0.392 $\pm$ 0.001 χ^2 /NDF: 4156.7/11

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

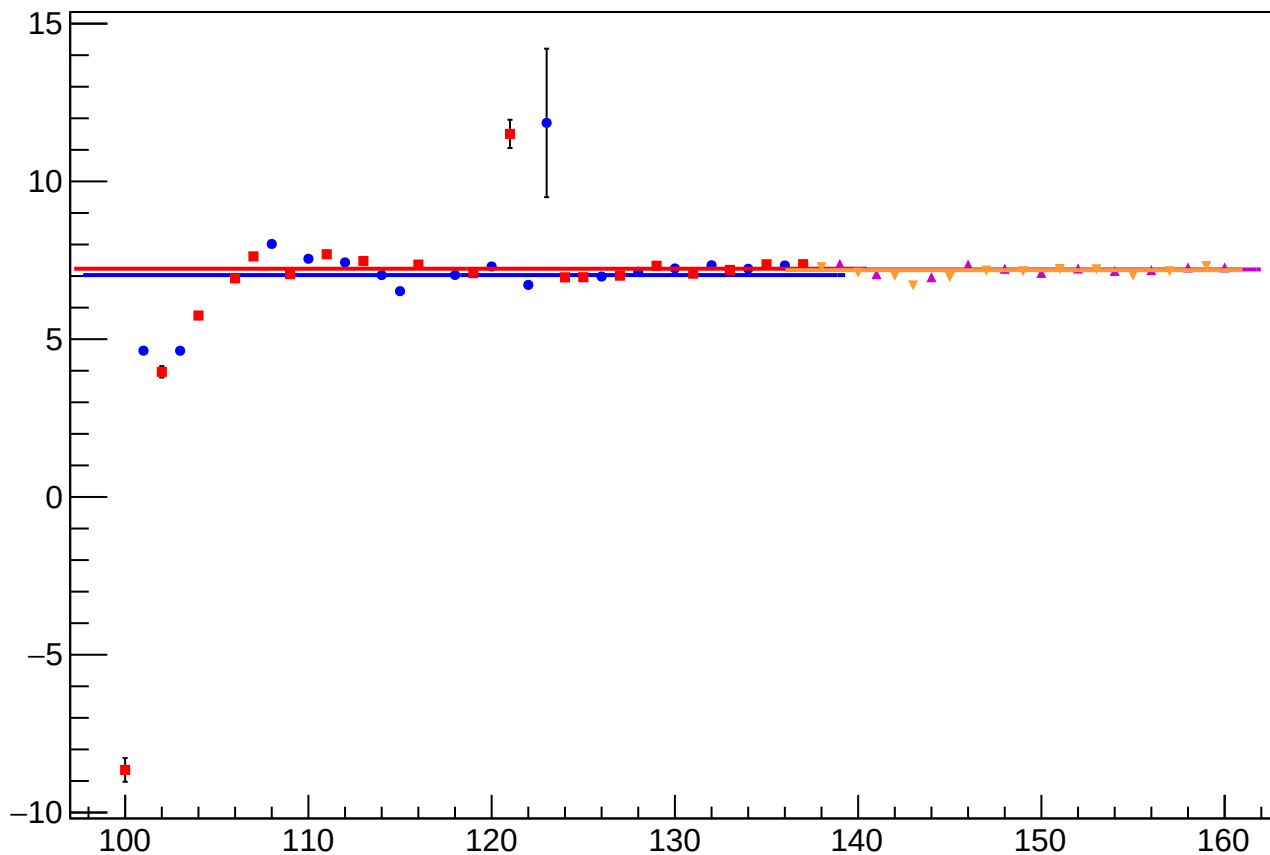
Left In: 0.401 $\pm$ 0.001 χ^2 /NDF: 5872.2/10

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 8771.5/28

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 21681.7/58

- 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: 7.187 $\pm$ 0.001 χ^2 /NDF: 21953.7/11

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

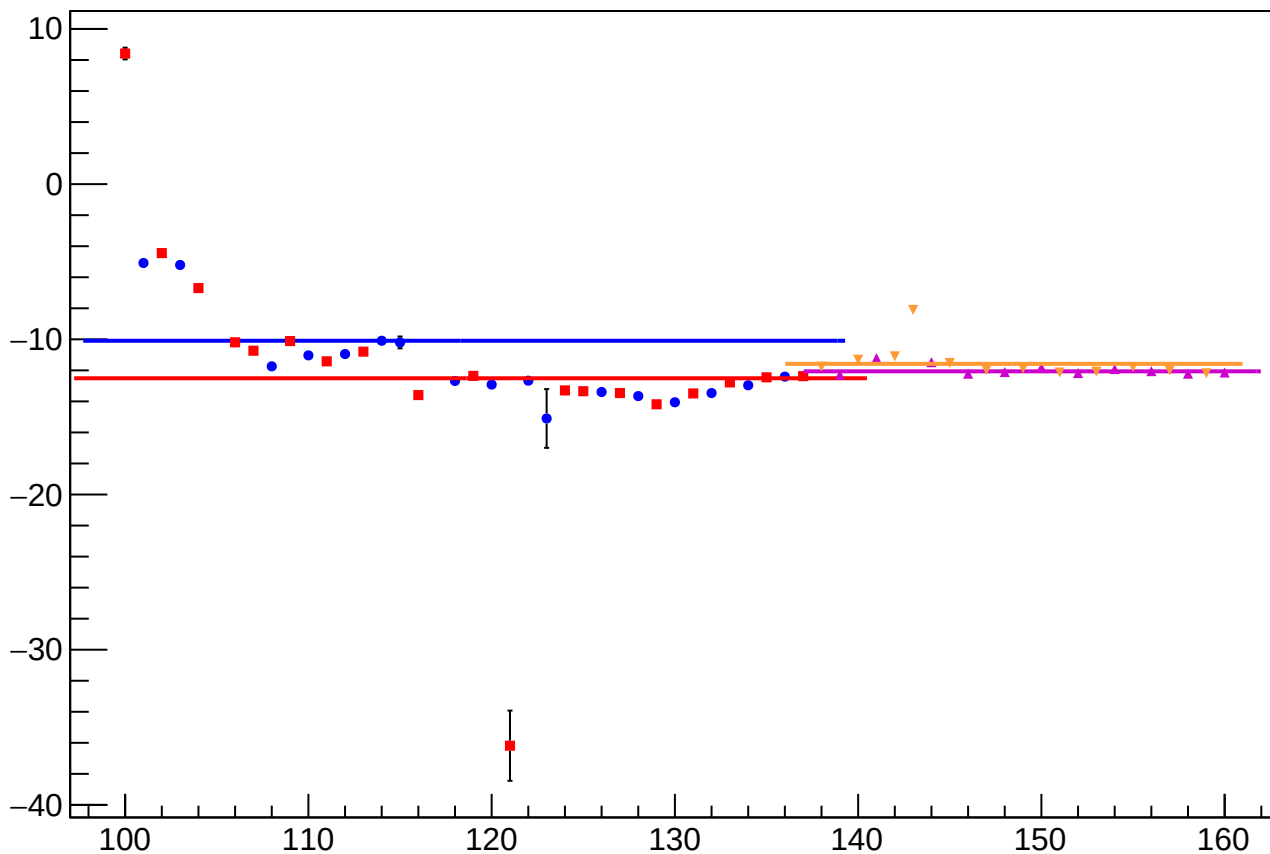
Left In: 7.210 $\pm$ 0.001 χ^2 /NDF: 9983.3/10

+ sign 7.032 $\pm$ 0.000 χ^2 /NDF: 63446.3/28

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 124515.5/58

- 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: -11.579 ± 0.002 χ^2/NDF : 389636.1/11

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

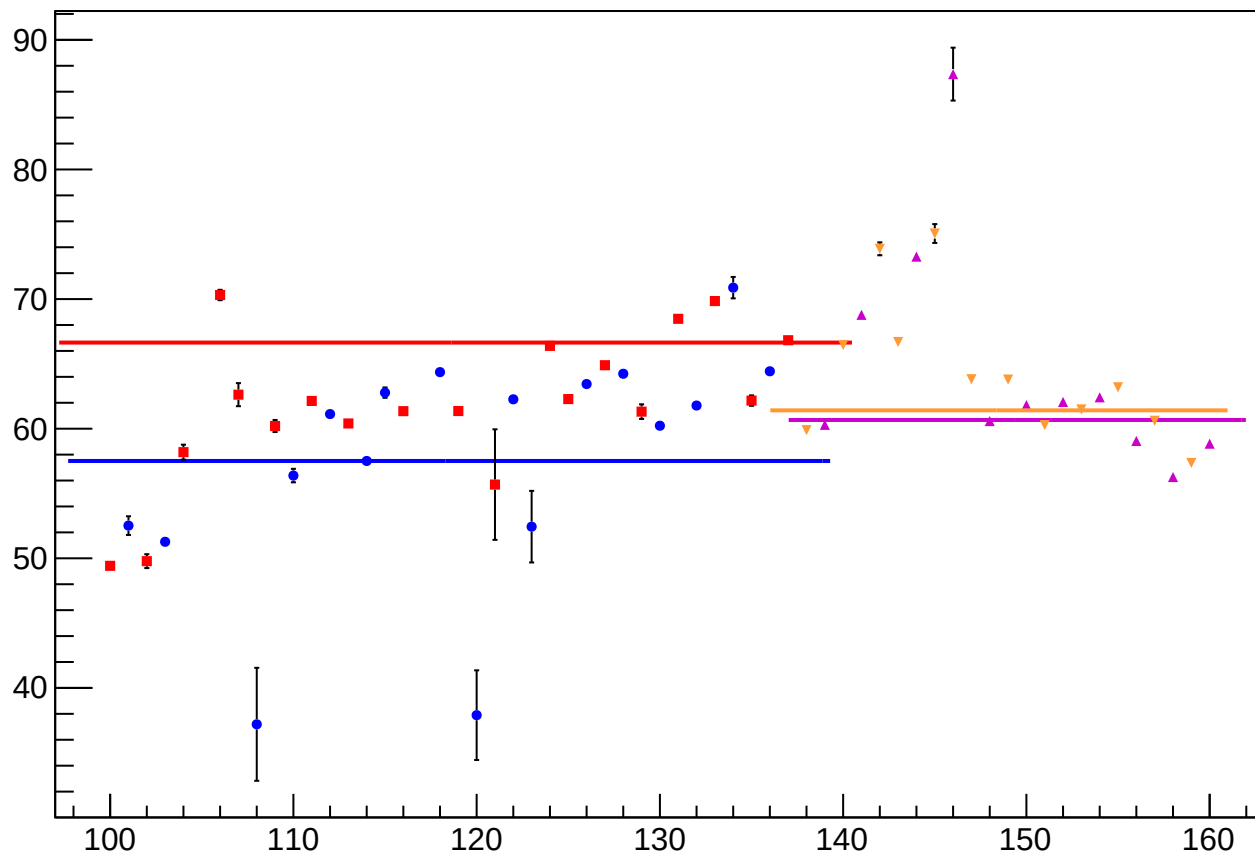
Left In: -12.063 ± 0.002 χ^2/NDF : 14762.4/10

+ sign -10.092 ± 0.000 χ^2/NDF : 1465014.1/28

All: -10.092 ± 0.000 χ^2/NDF : 3074150.6/58

- sign -12.154 ± 0.002 χ^2/NDF : 129507.5/29

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF : 8108.6/16

Left Out: 61.416+/-0.051 χ^2/NDF : 4743.2/11

Right Out: 66.645+/-0.013 χ^2/NDF : 8163.8/18

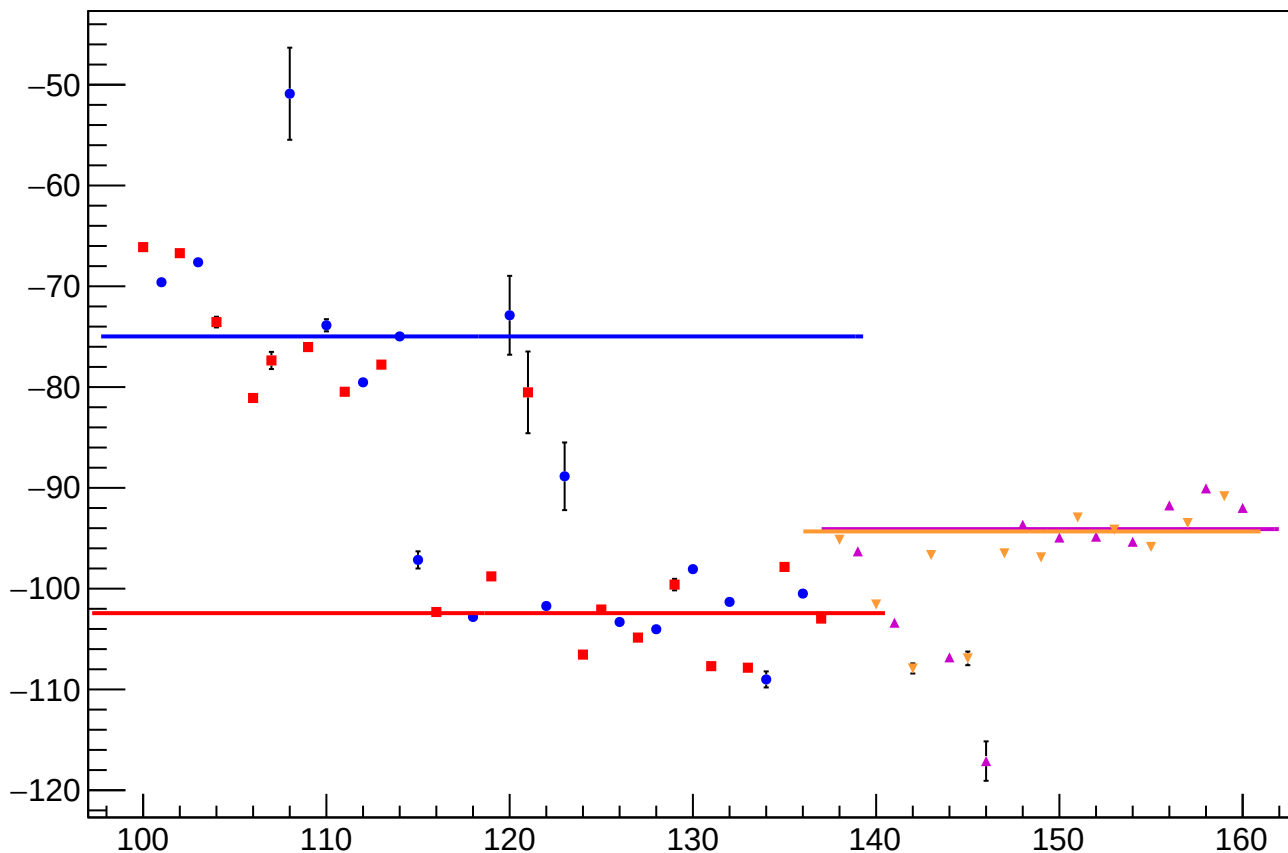
Left In: 60.673+/-0.038 χ^2/NDF : 5574.8/10

+ sign 57.510+/-0.000 χ^2/NDF : 18775.0/28

All: 57.510+/-0.000 χ^2/NDF : 527439.1/58

- sign 66.027+/-0.012 χ^2/NDF : 35333.8/29

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -94.322 ± 0.051 $\chi^2/\text{NDF}: 4199.2/11$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

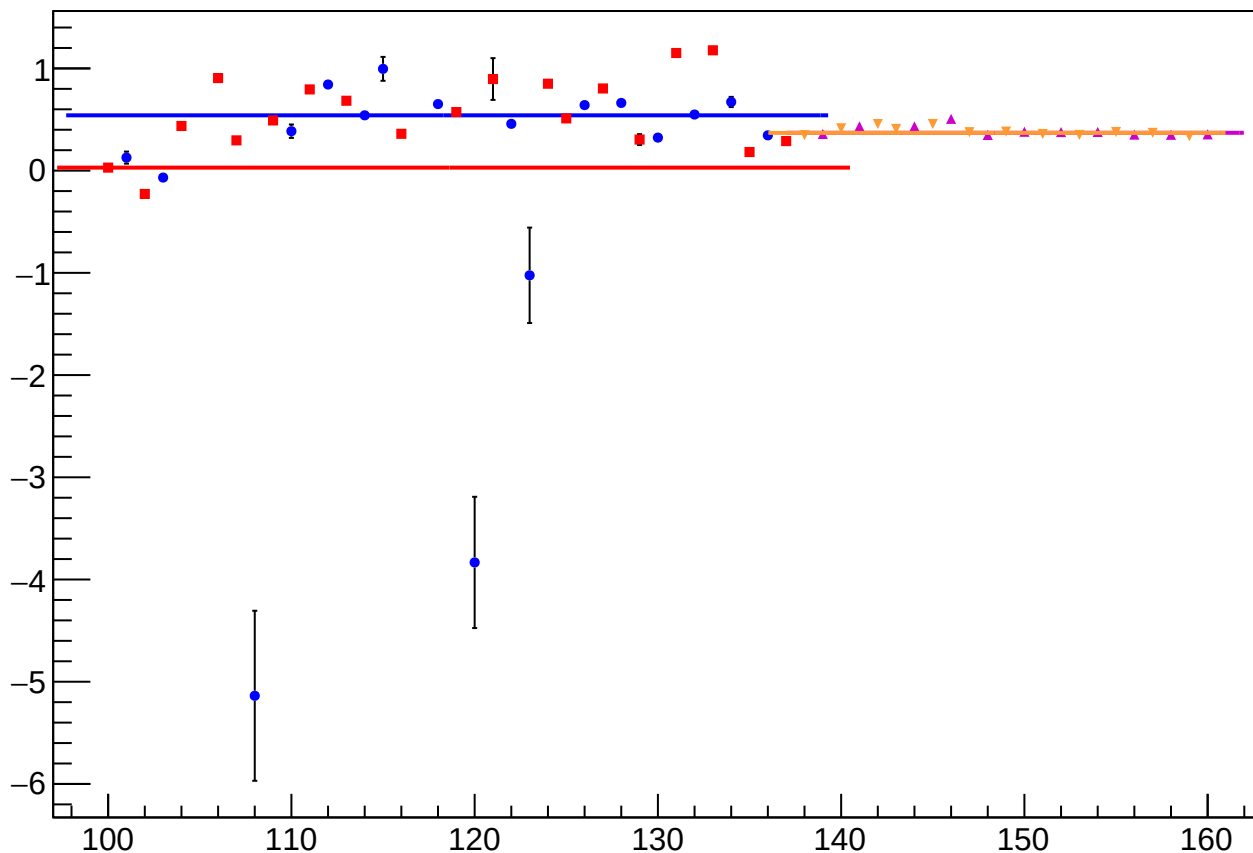
Left In: -94.091 ± 0.039 $\chi^2/\text{NDF}: 6139.0/10$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 279017.3/28$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2952343.7/58$

- sign -100.986 ± 0.016 $\chi^2/\text{NDF}: 94462.4/29$

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 ± 0.000 χ^2/NDF : 29180.5/16

Left Out: 0.369 ± 0.000 χ^2/NDF : 2697.1/11

Right Out: 0.030 ± 0.000 χ^2/NDF : 121659.5/18

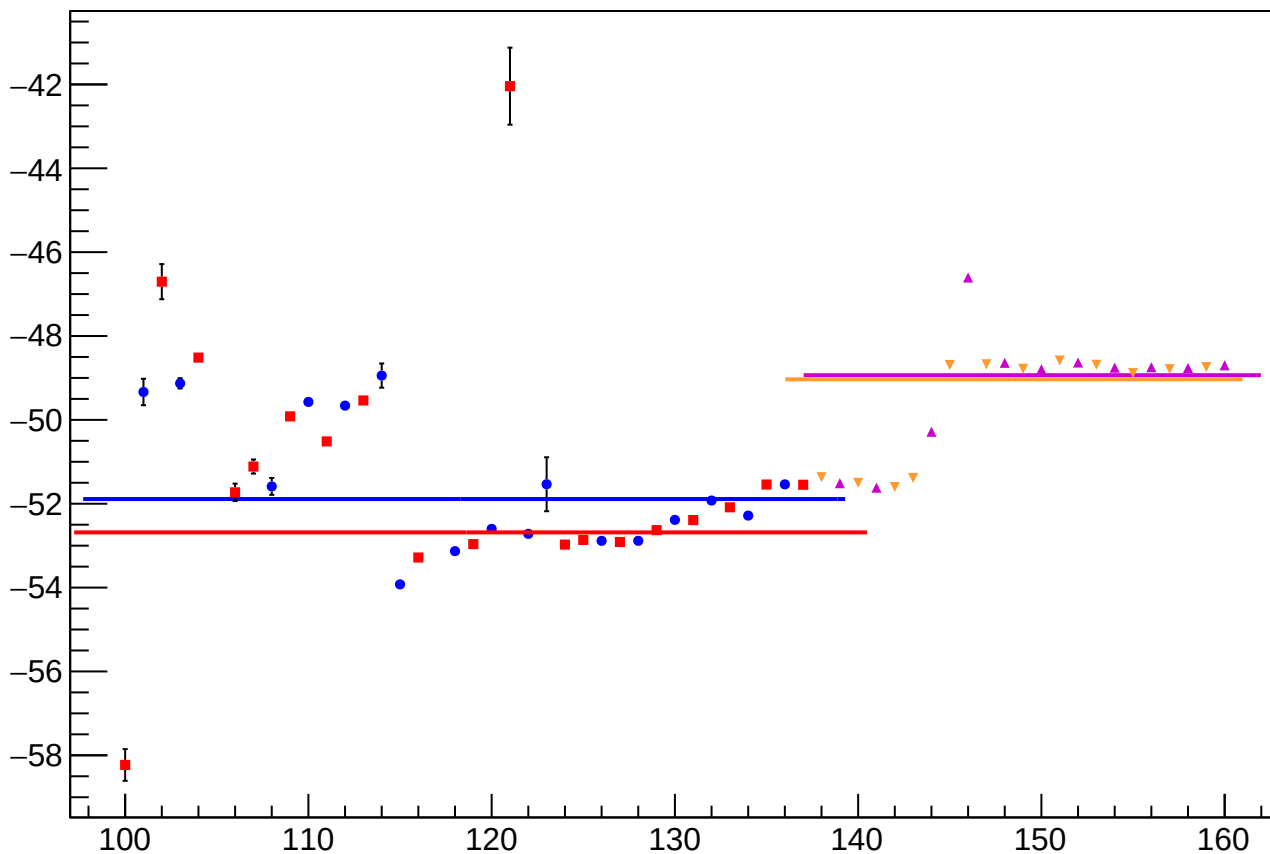
Left In: 0.370 ± 0.000 χ^2/NDF : 4868.0/10

+ sign 0.541 ± 0.000 χ^2/NDF : 155732.5/28

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: -49.033 ± 0.001 χ^2/NDF : 339382.2/11

Right Out: -52.684 ± 0.003 χ^2/NDF : 56125.8/18

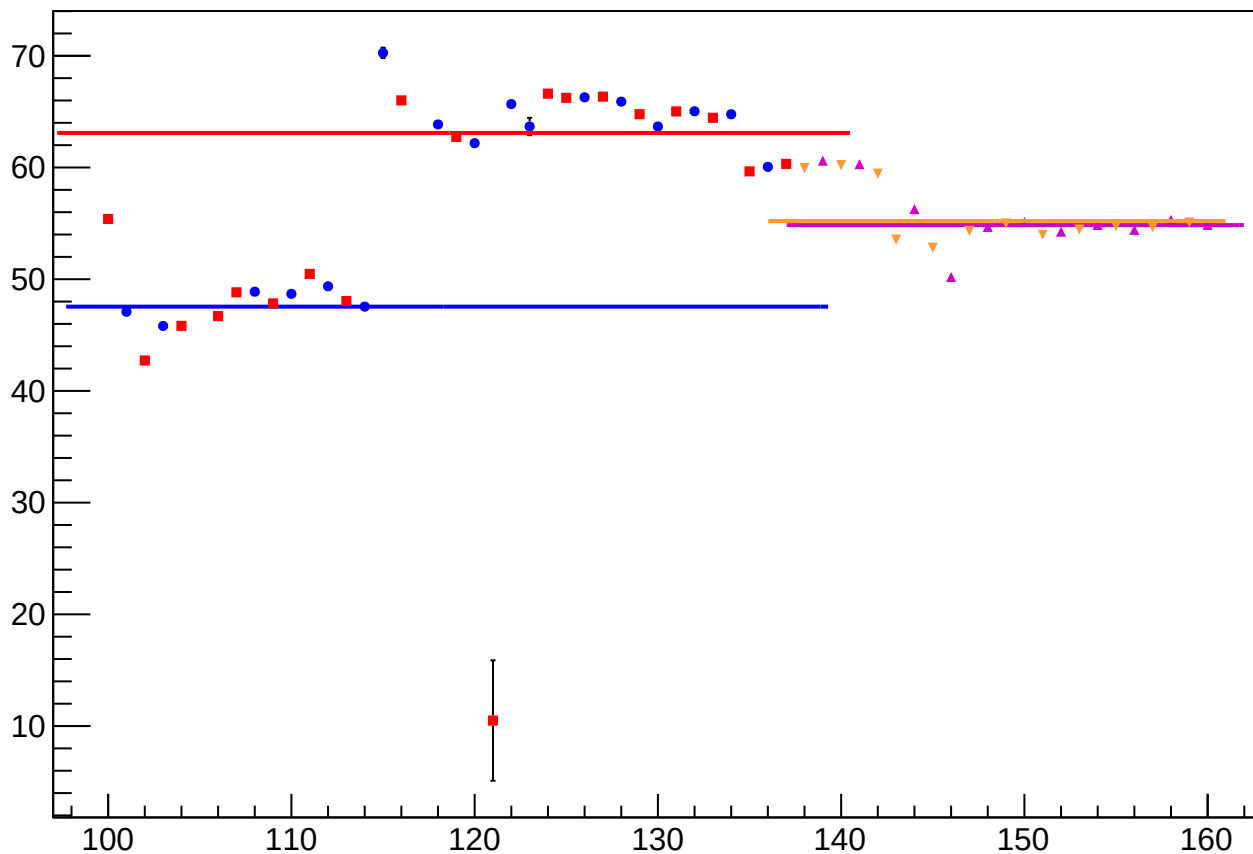
Left In: -48.934 ± 0.001 χ^2/NDF : 516571.0/10

+ sign -49.898 ± 0.001 χ^2/NDF : 1561557.1/28

All: -49.655 ± 0.001 χ^2/NDF : 4022904.4/58

- 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: 55.216 $\pm$ 0.004 χ^2 /NDF: 222970.9/11

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

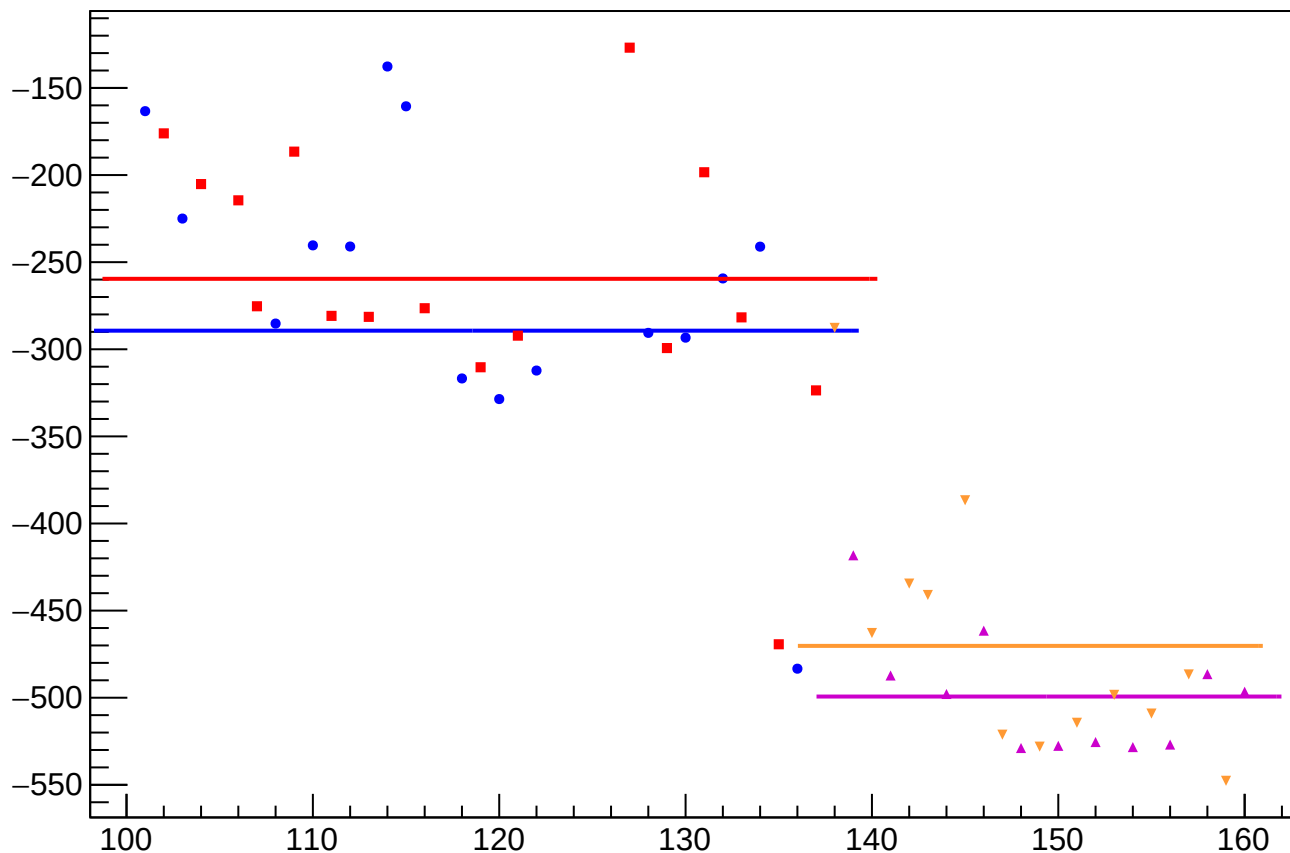
Left In: 54.845 $\pm$ 0.003 χ^2 /NDF: 80325.9/10

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 8418033.7/28

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 19931813.8/58

- sign 55.864 $\pm$ 0.003 χ^2 /NDF: 1482150.0/29

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -470.248+/-0.000 χ^2/NDF : 4607361900635133507336893174223208448.0/11

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

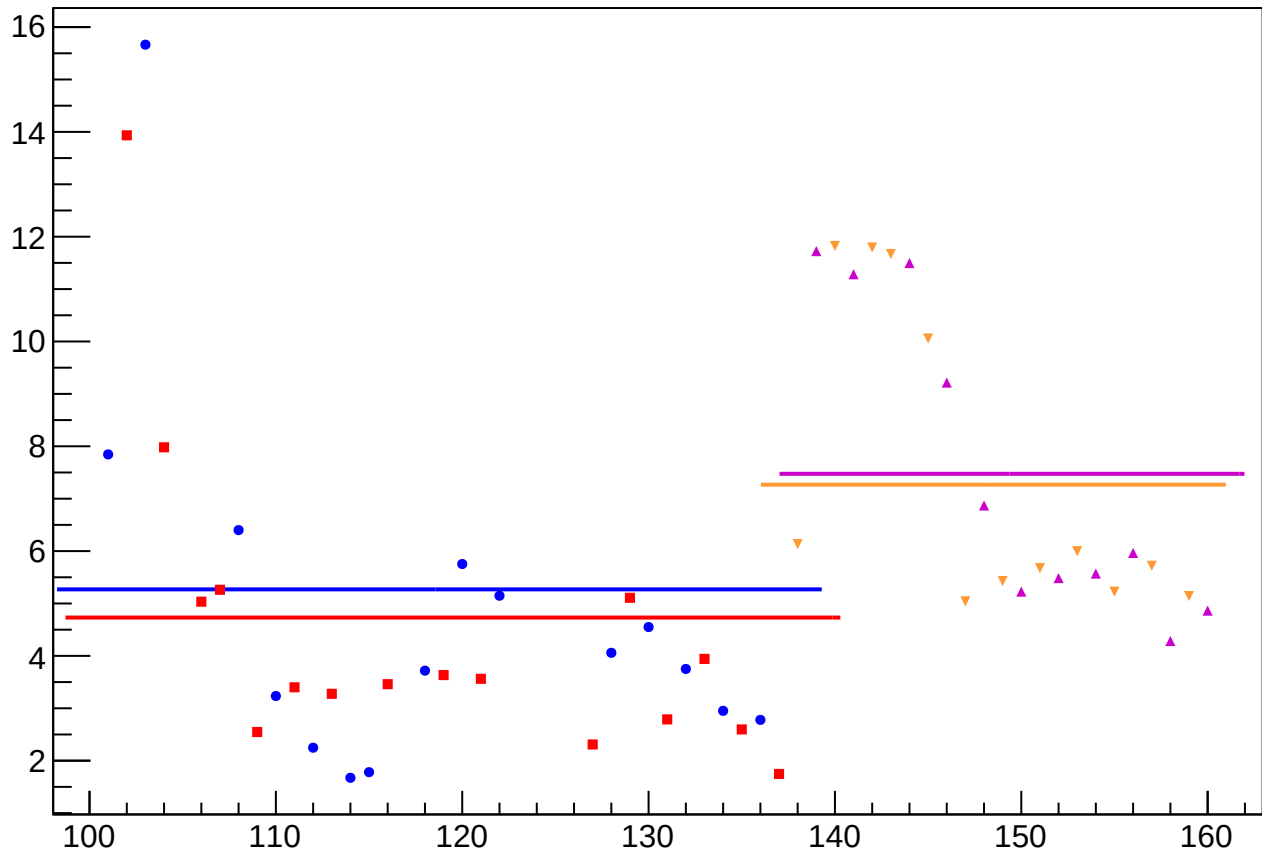
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -395.267+/-0.000 χ^2/NDF : 22417121738902

All: -397.050+/-0.000 χ^2/NDF : 50014681682

- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 7.267+/-0.000 χ^2/NDF : 6561845891361438099452945363894272.0/11

Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

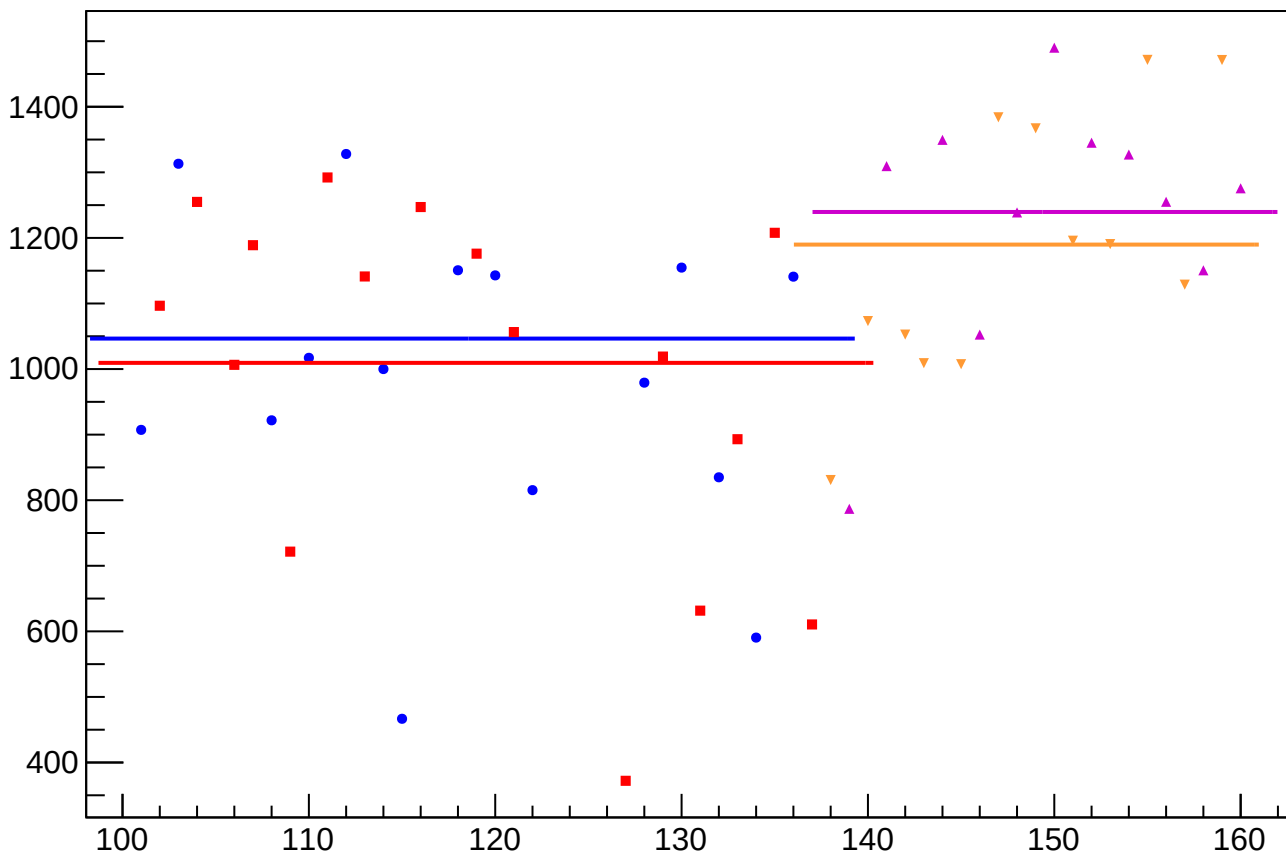
Left In: 7.475+/-0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

+ 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

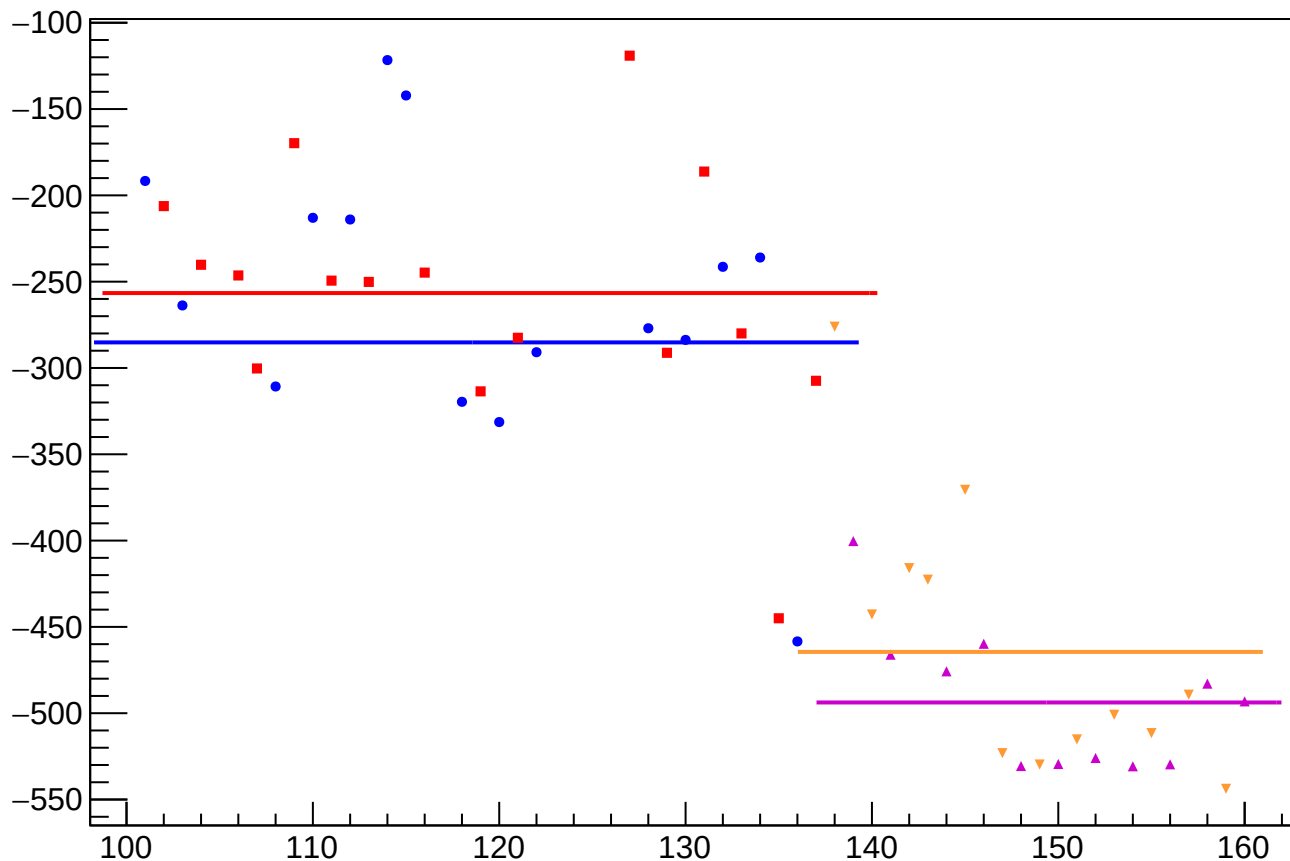
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

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

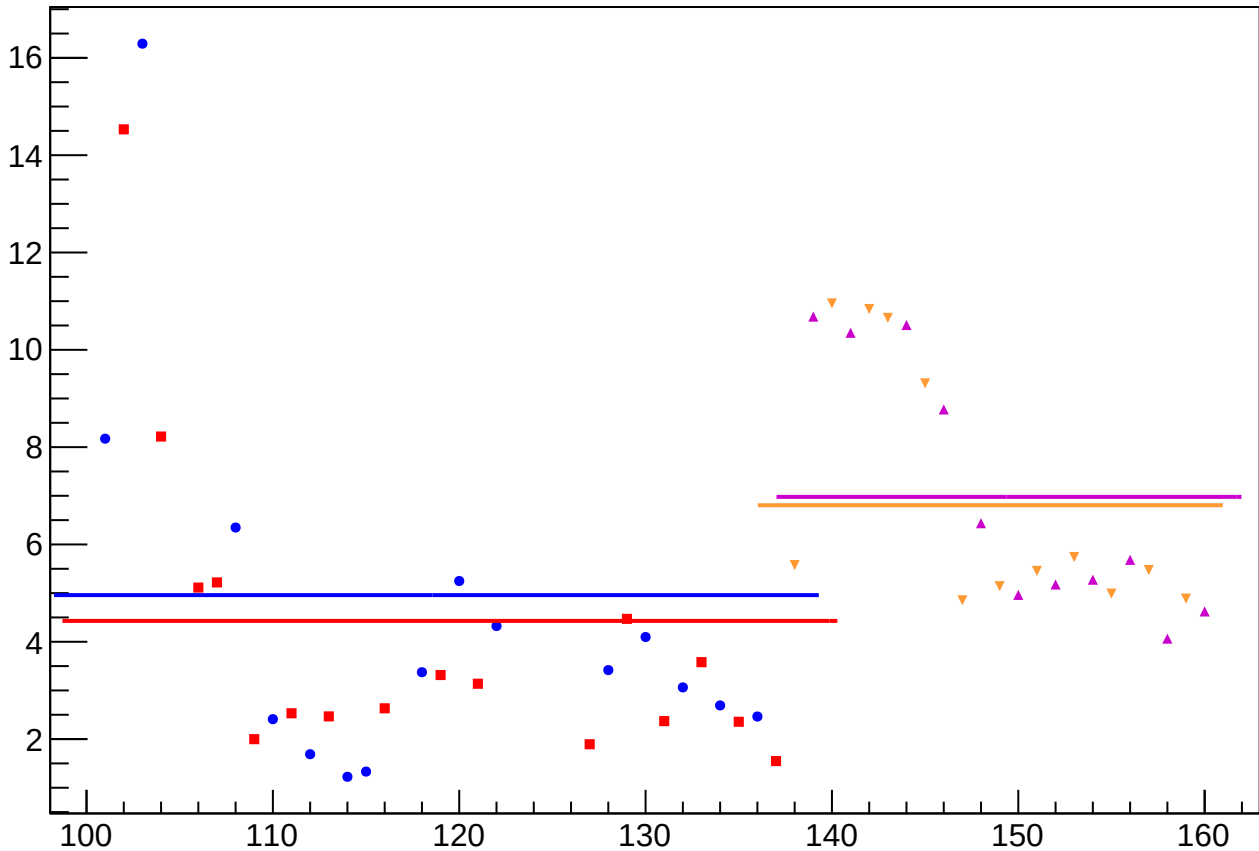
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ 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



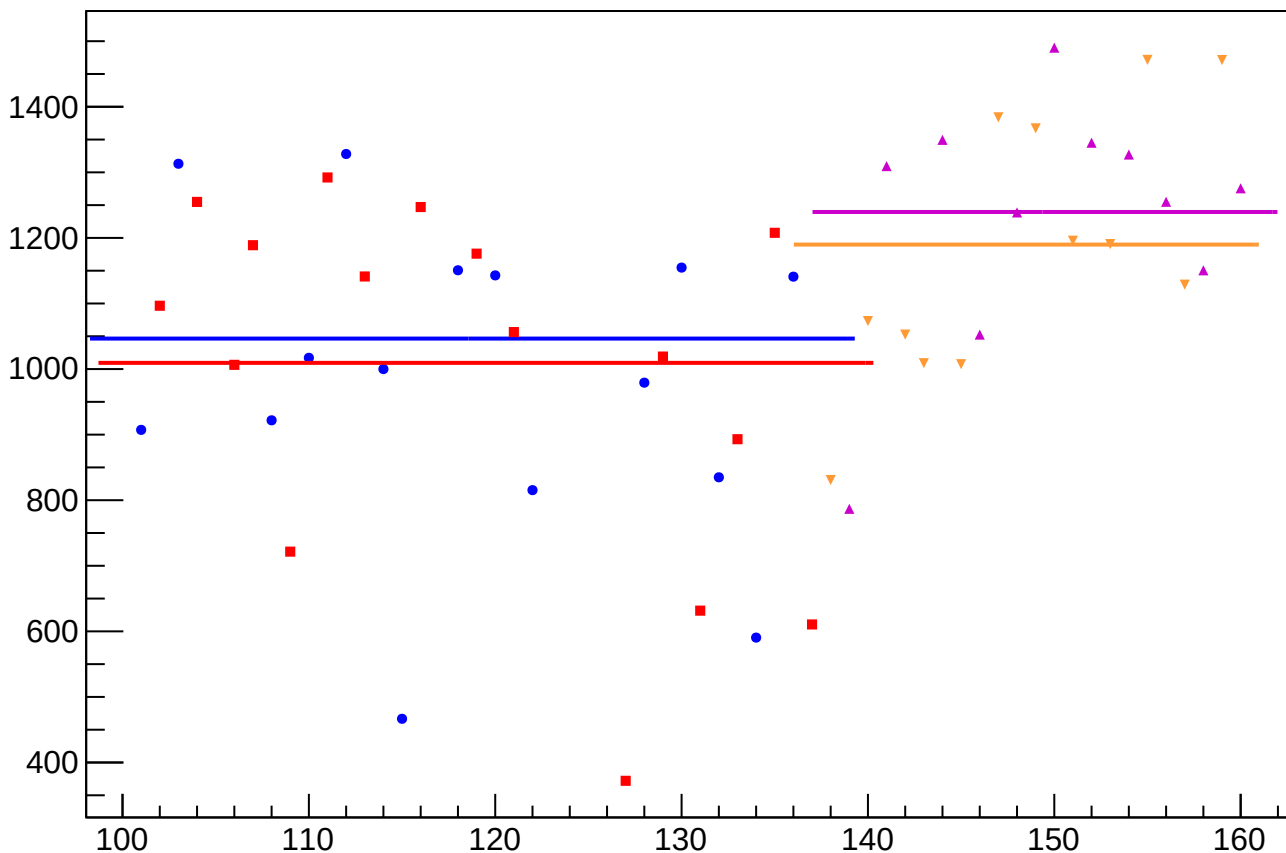
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

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

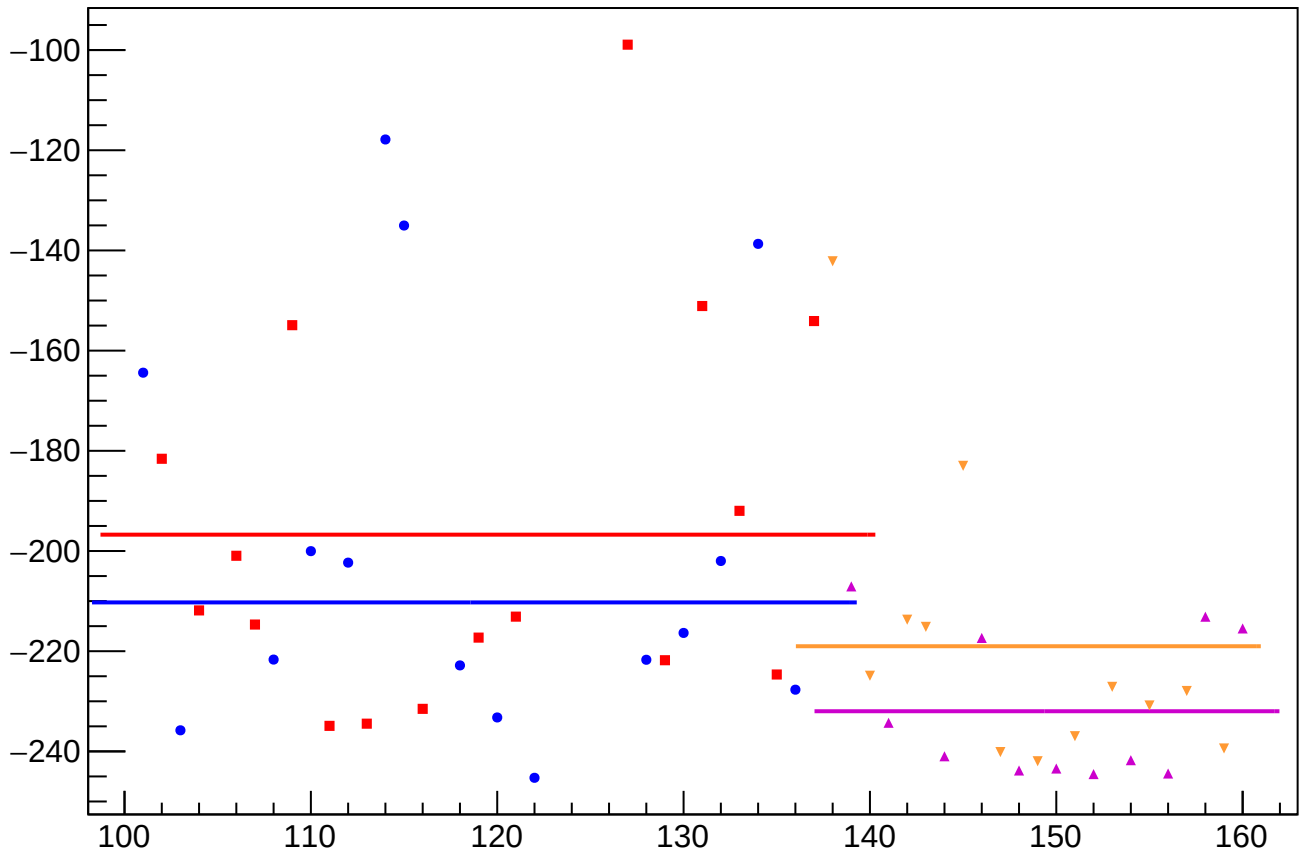
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

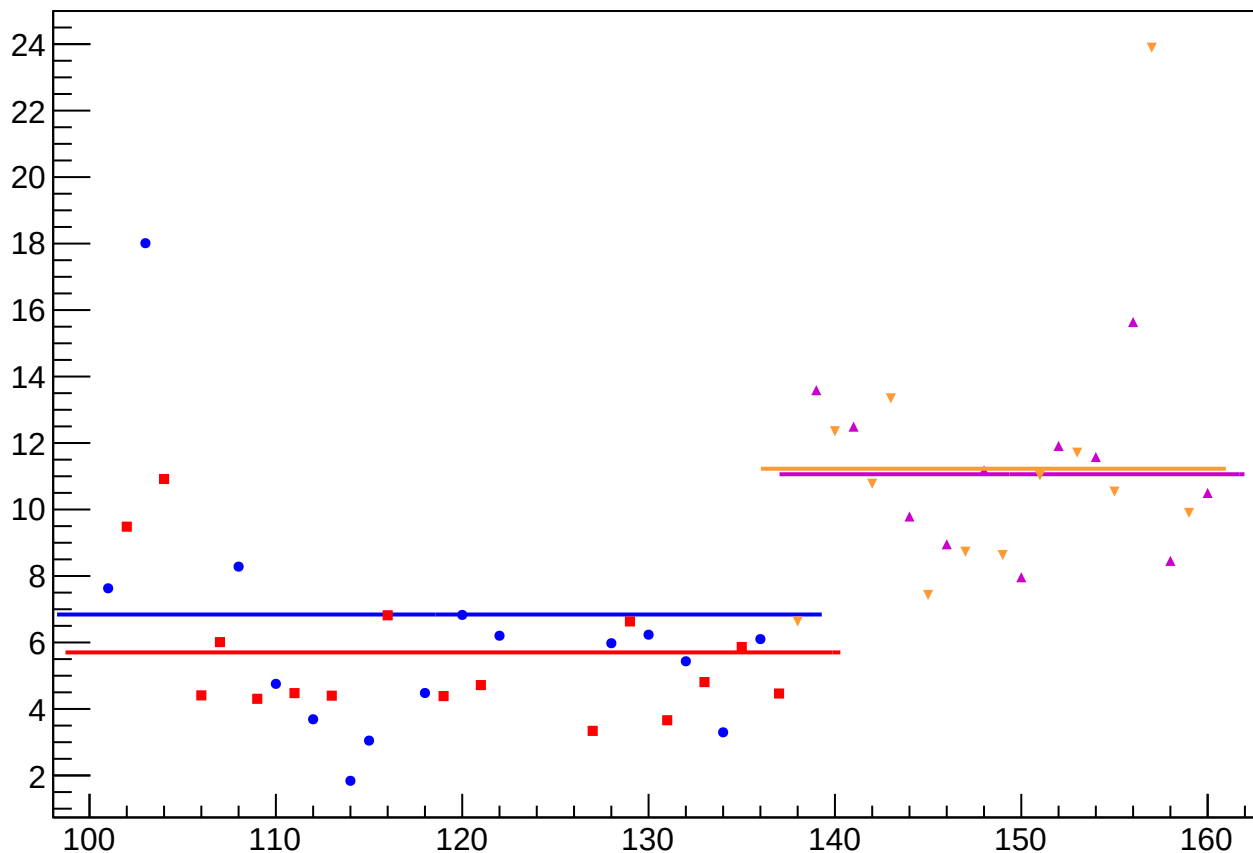
Left In: -231.985+/-0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ sign -215.384+/-0.000 χ^2/NDF : 13279306156099

All: -216.303+/-0.000 χ^2/NDF : 29044263069

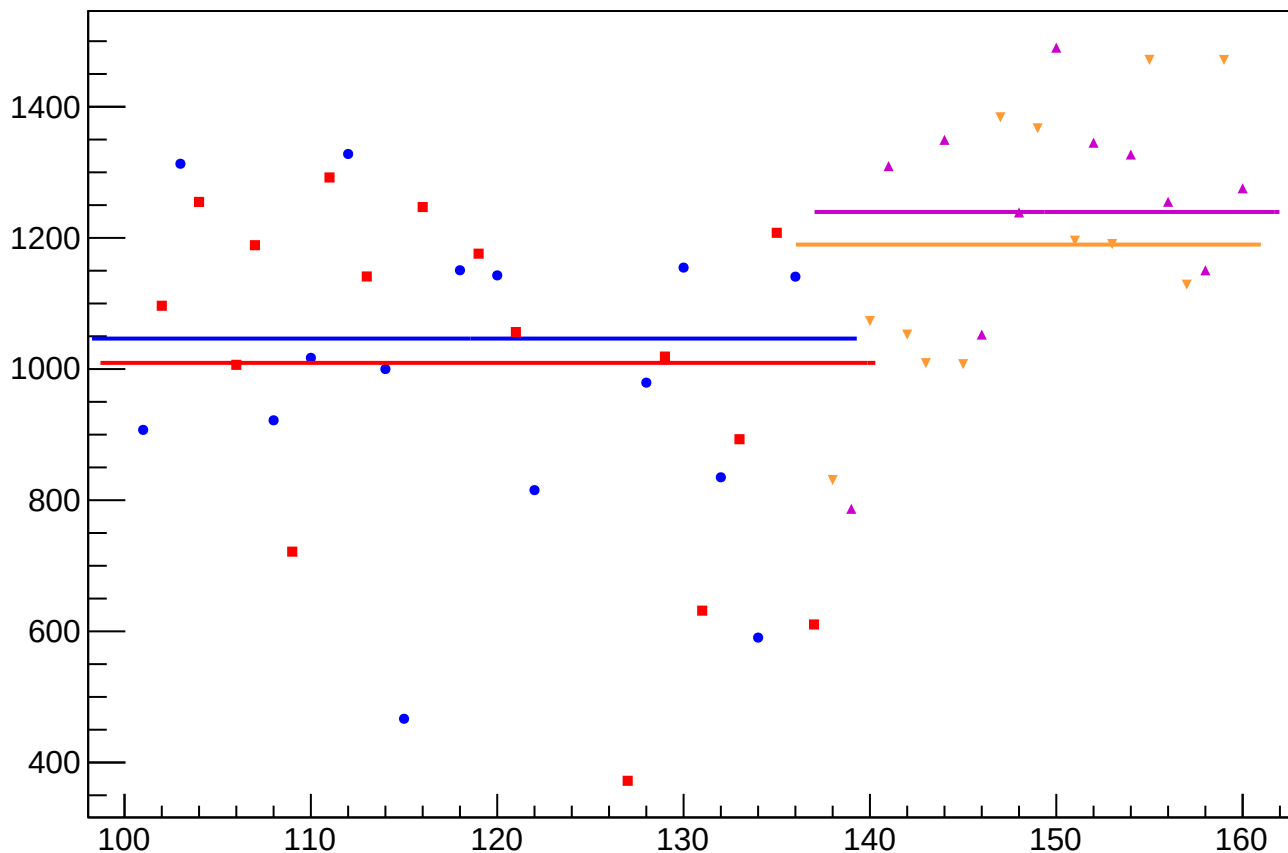
- sign -217.208+/-0.000 χ^2/NDF : 157387232918828

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000	χ^2/NDF : 9355934166823324467316647620771840.0/14	+ sign 9.409+/-0.000	χ^2/NDF : 33820545857638071
Left Out: 11.226+/-0.000	χ^2/NDF : 17157831728505810554543577208193024.0/11	All: 9.109+/-0.000	χ^2/NDF : 52820169055963
Right Out: 5.701+/-0.000	χ^2/NDF : 3174693398300953393137731791486976.0/15	- sign 8.814+/-0.000	χ^2/NDF : 18719955384548476
Left In: 11.061+/-0.000	χ^2/NDF : 4417559387784954400311933713514496.0/10		

dit_11X12X_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

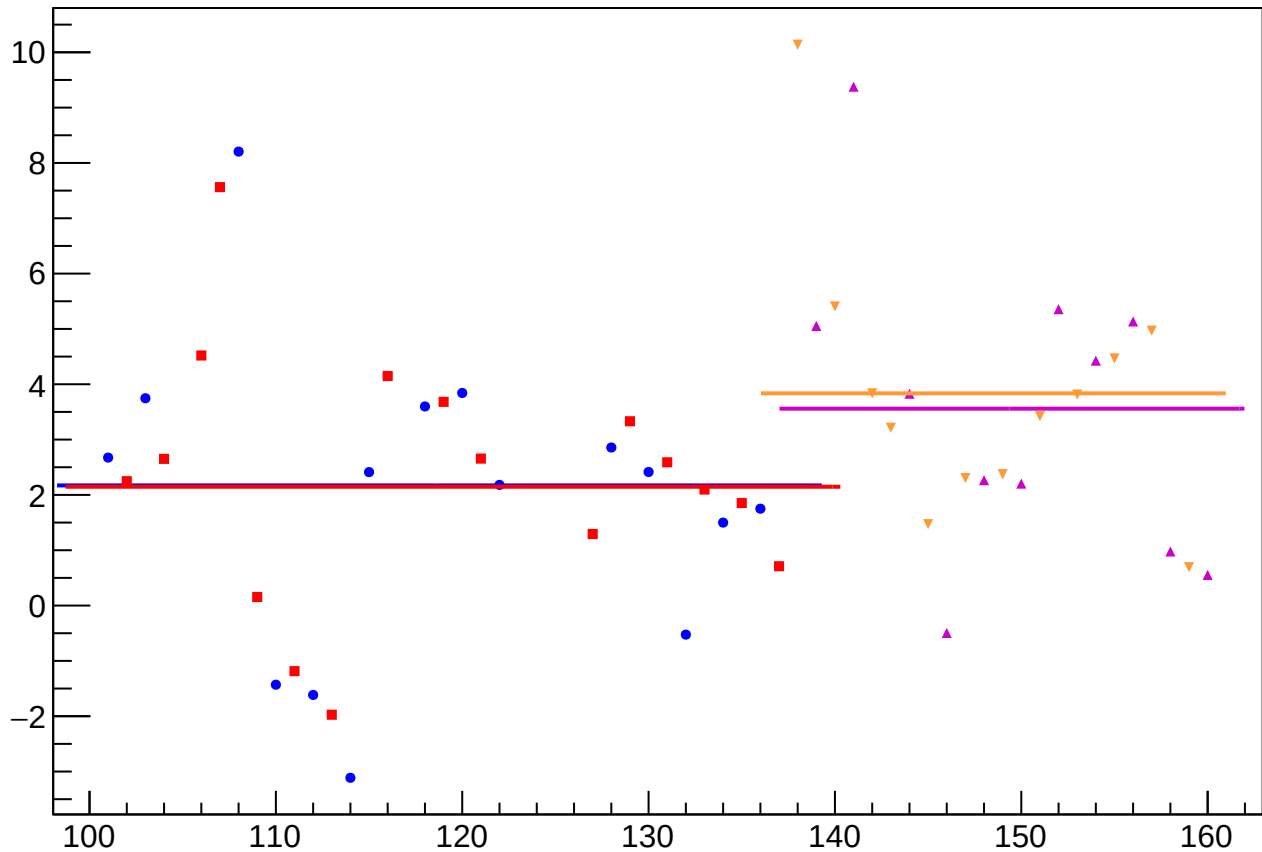
All: 1136.802+/-0.000 χ^2/NDF : 16251853607

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

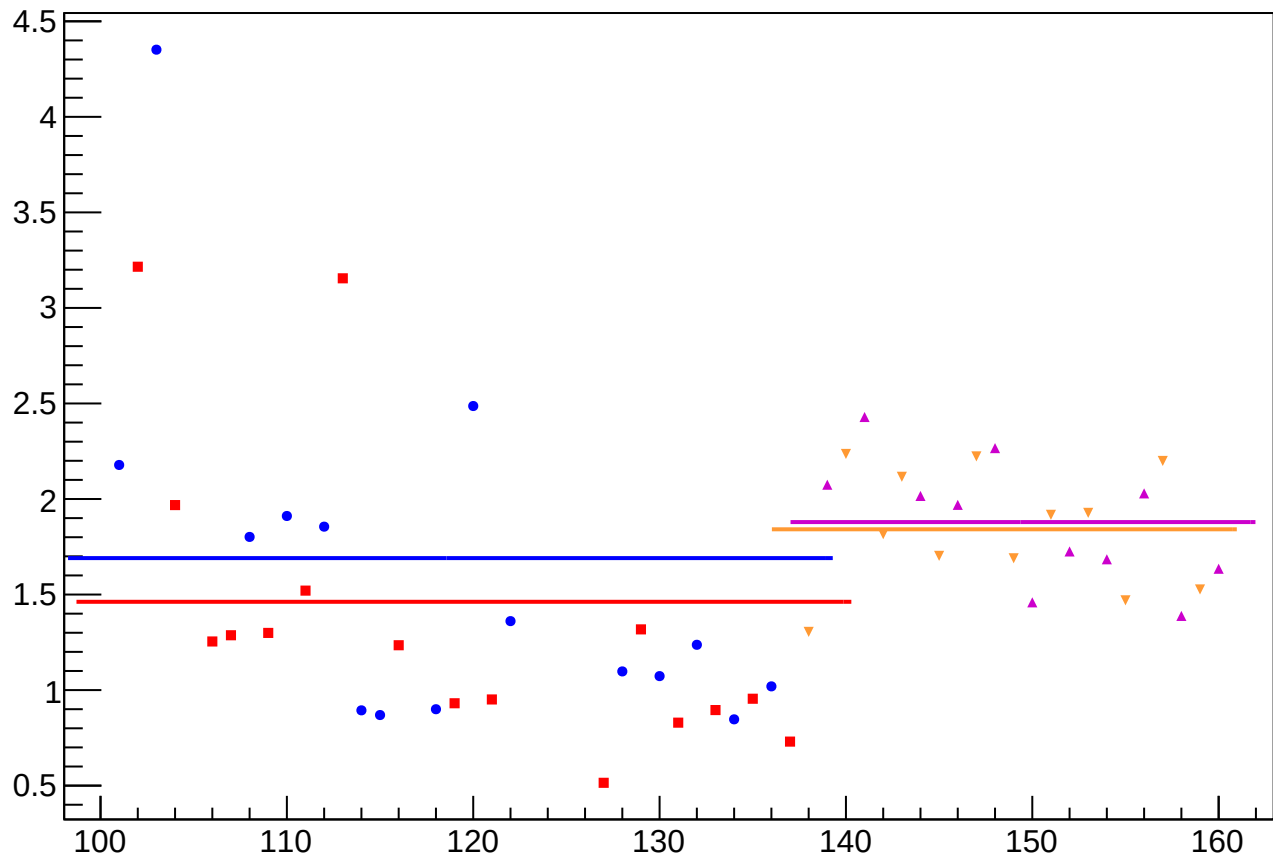
dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left Out: 3.836+/-0.000 χ^2/NDF : 5077142493205652960507998024761344.0/11
 Right Out: 2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Left In: 3.559+/-0.000 χ^2/NDF : 6492667345109962540652165758713856.0/10

+ sign 3.146+/-0.000 χ^2/NDF : 97297479279386296
 All: 3.056+/-0.000 χ^2/NDF : 2011291704236
 - sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

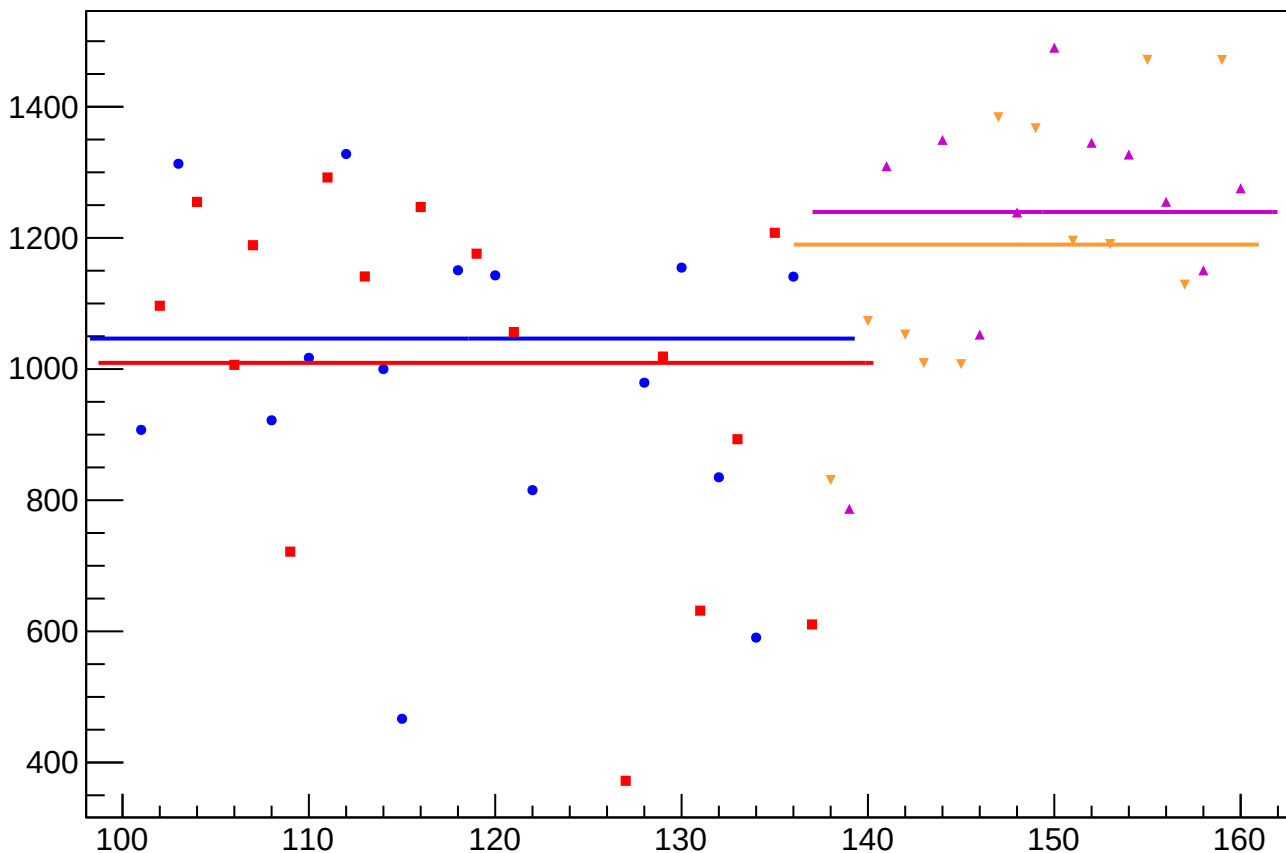
dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 612163393317609859674079412355072.0/14
 Left Out: 1.841 $\pm$ 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

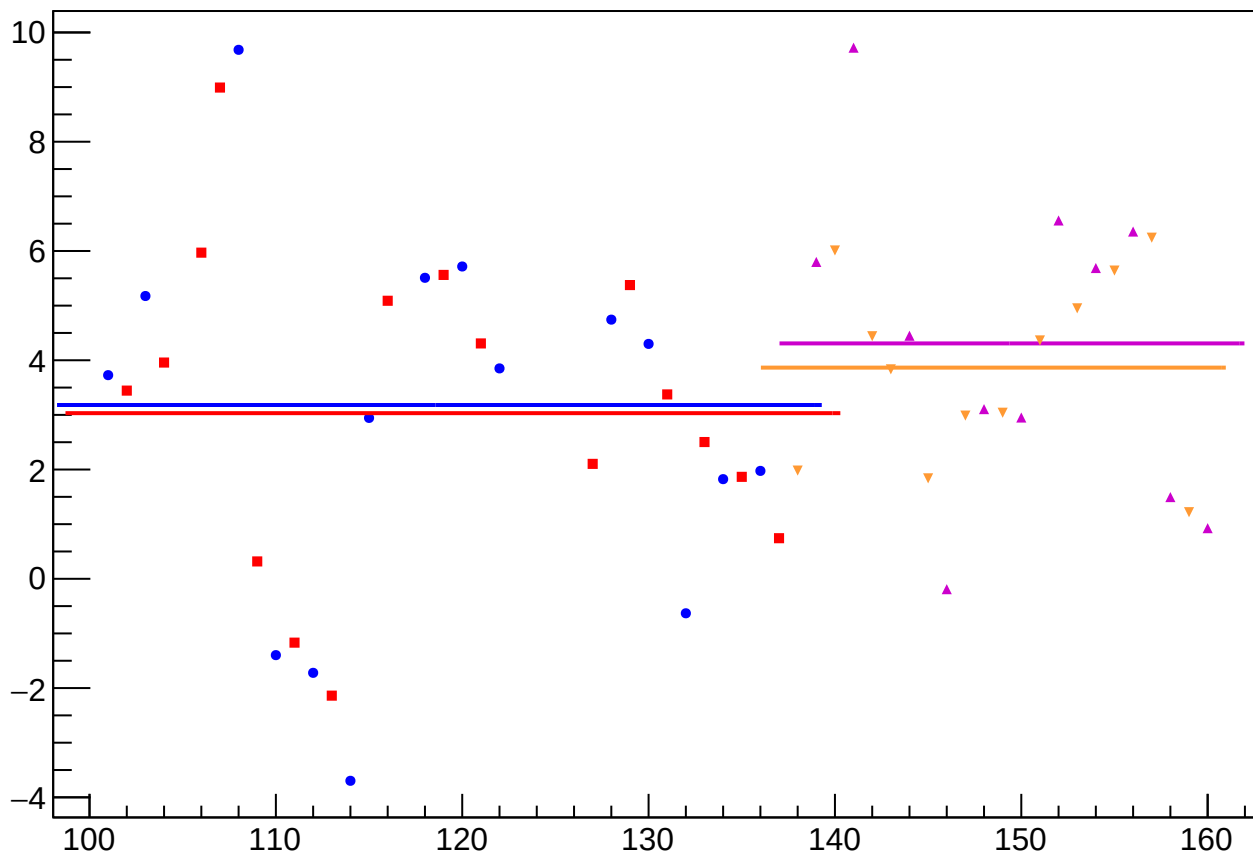
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

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 : 16251853607.0/40

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

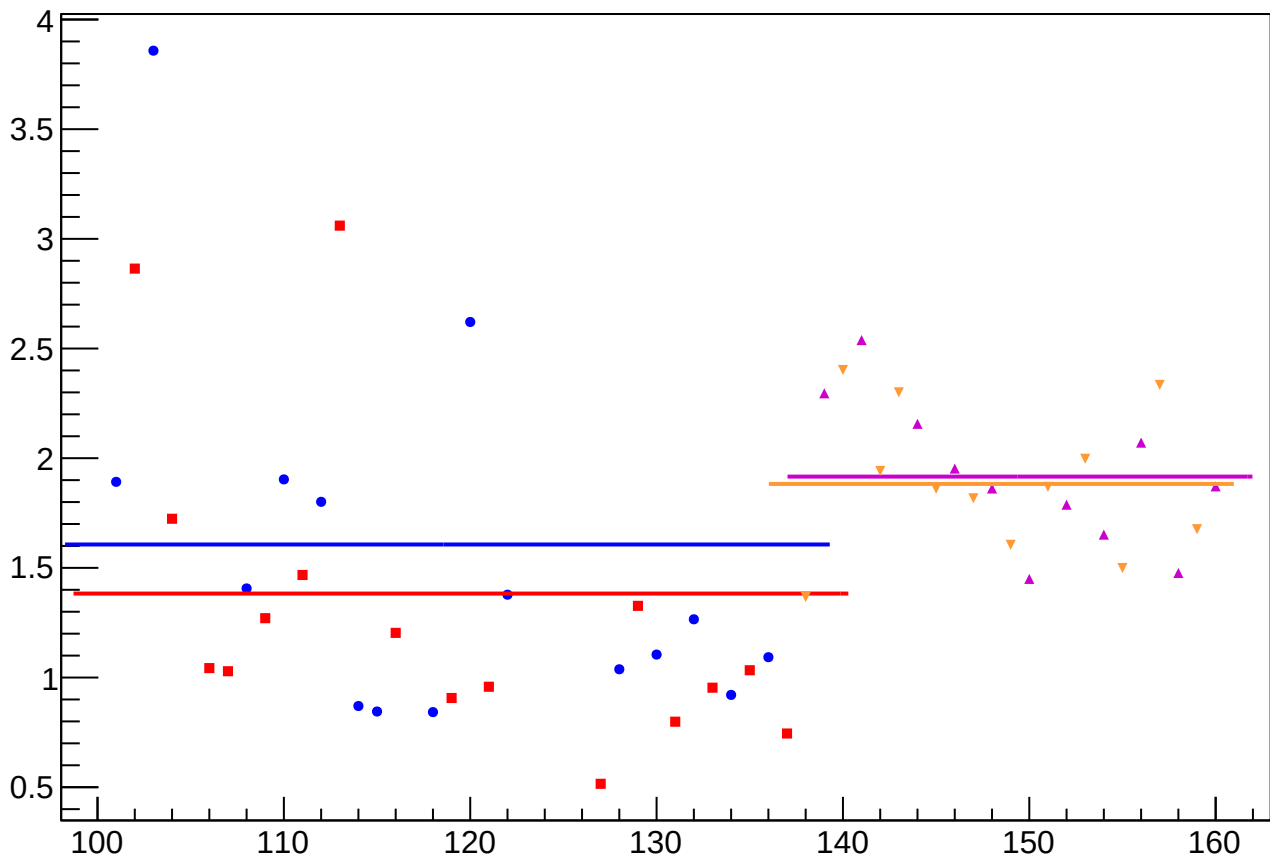
χ^2/NDF : 7073495667694280351803168107003904.0/10

+ 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

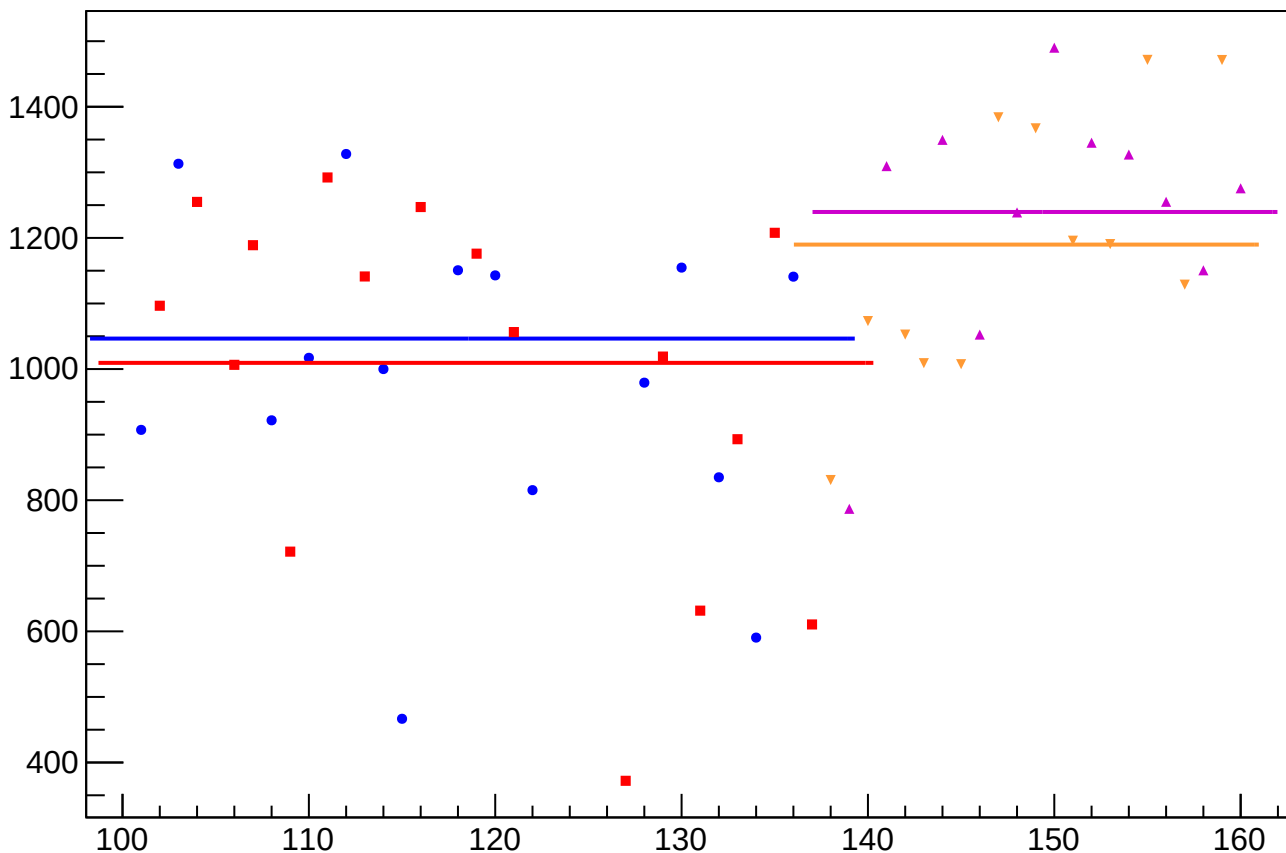
Left In: 1.916+/-0.000 χ^2/NDF : 95276515809016209875699691945984.0/10

+ 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



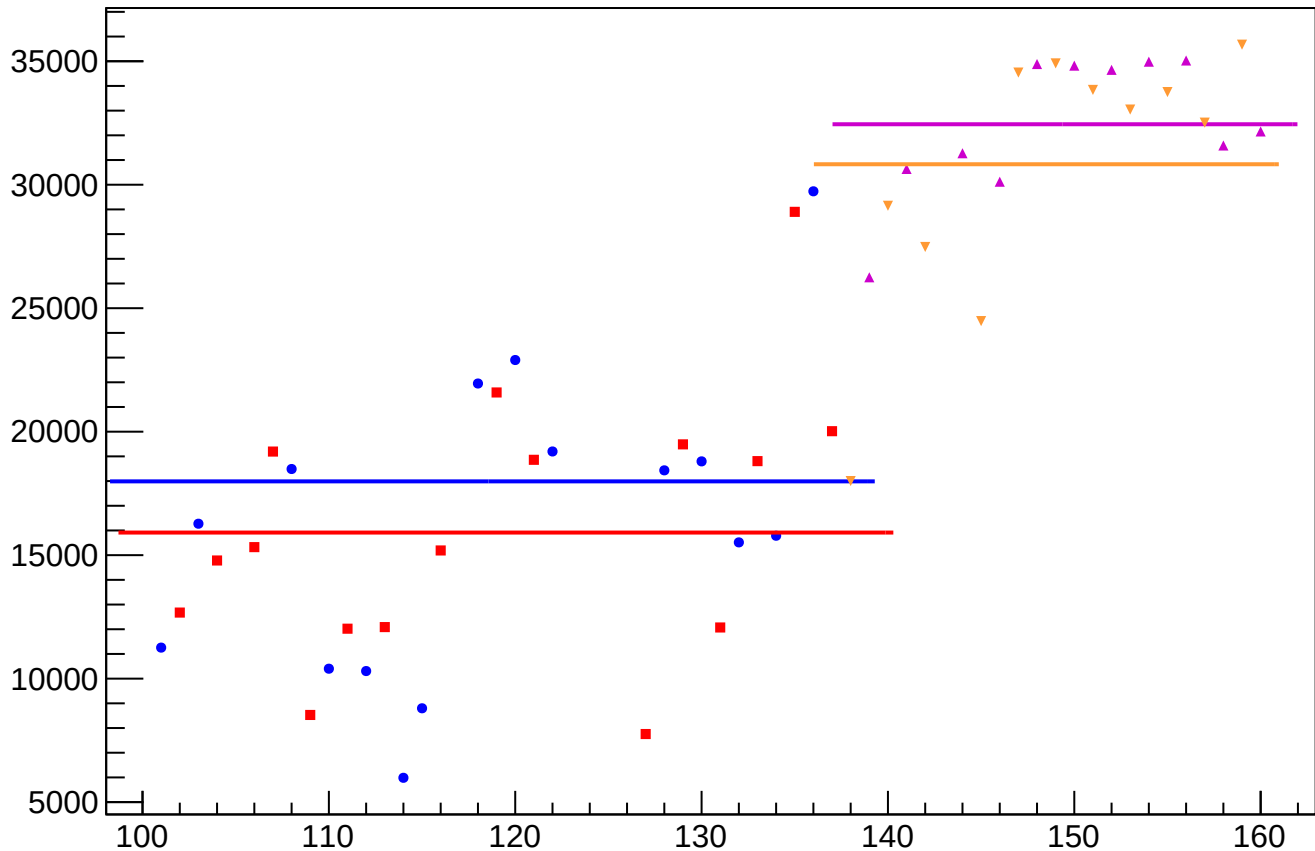
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

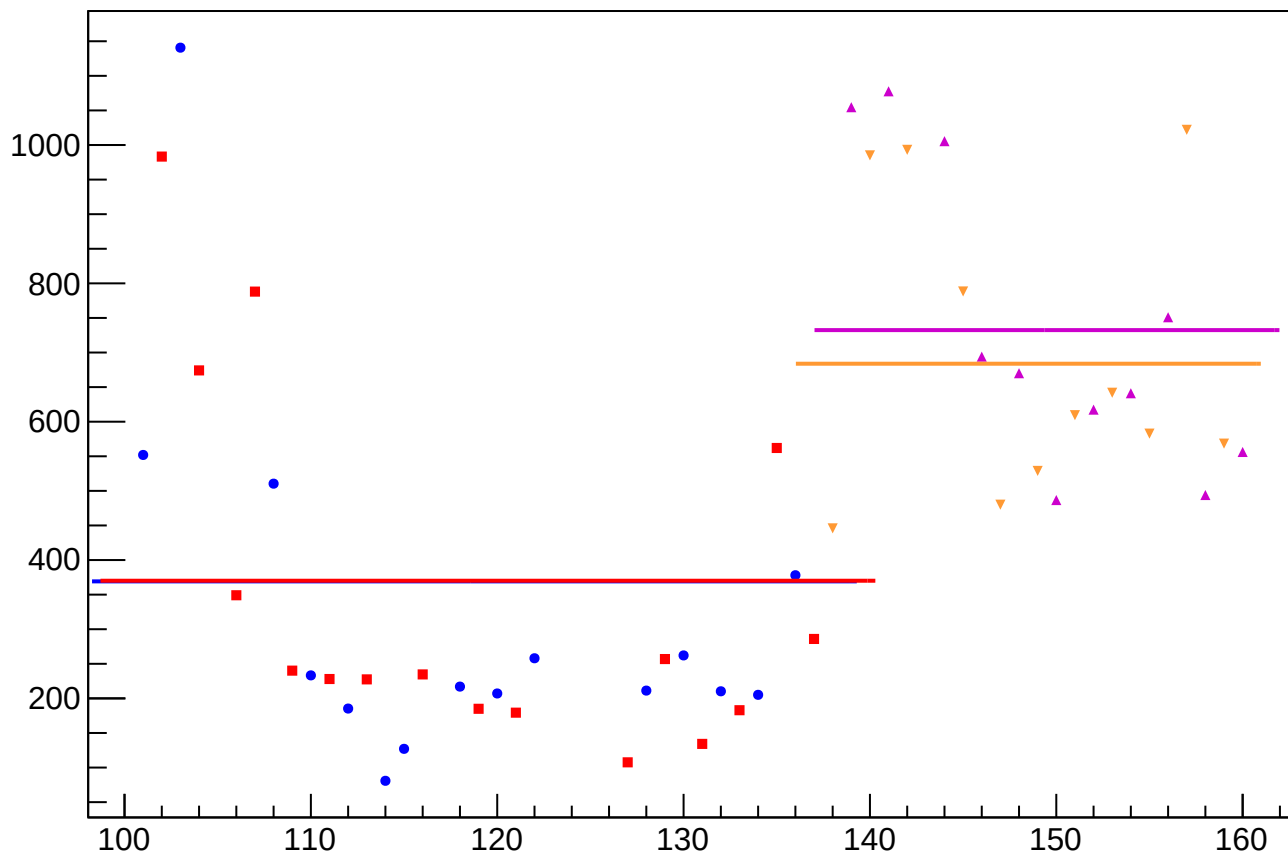
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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

+ sign 547.589+/-0.000 χ^2/NDF : 118377118288294

Left Out: 683.818+/-0.000 χ^2/NDF : 33889213327859325358647069977975193600.0/10

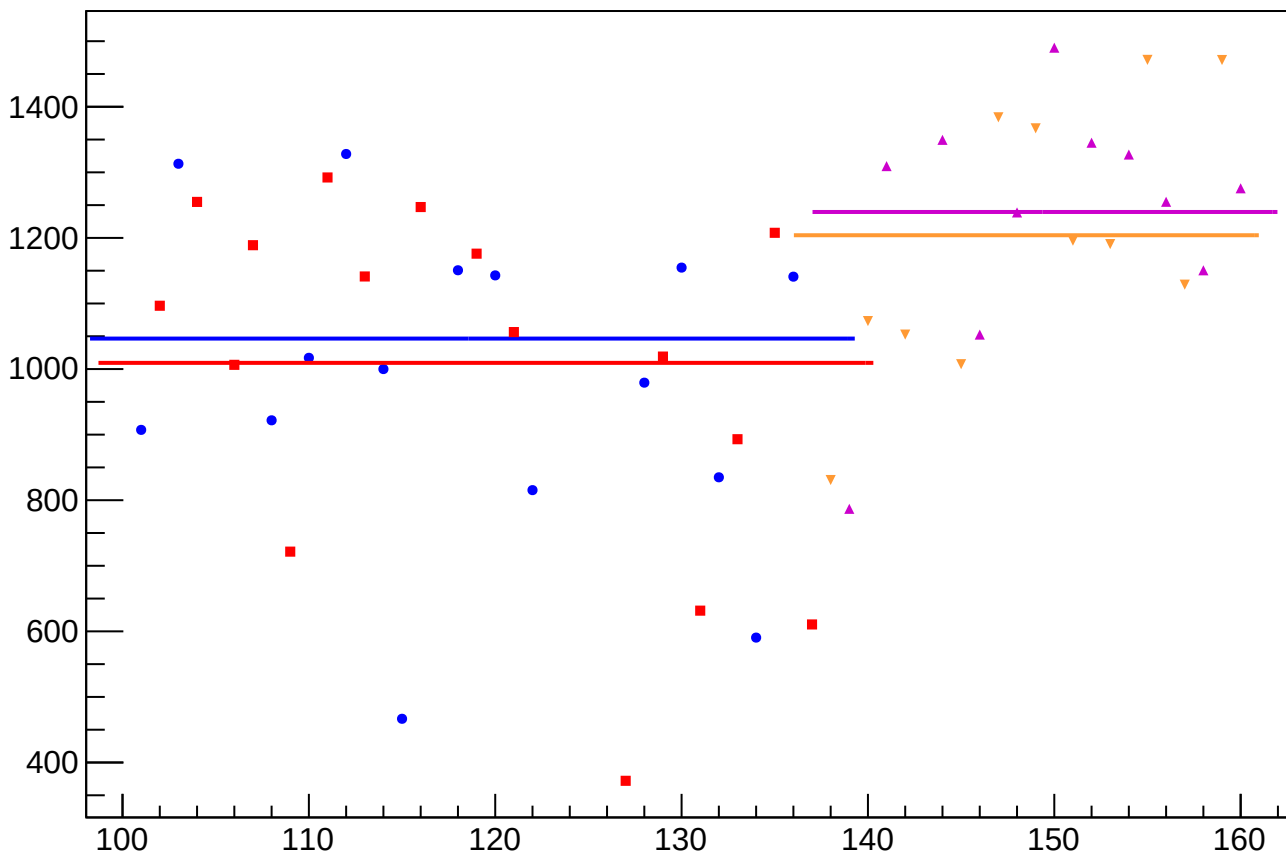
All: 564.543+/-0.000 χ^2/NDF : 258223641190

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 580.516+/-0.000 χ^2/NDF : 139009735968020

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



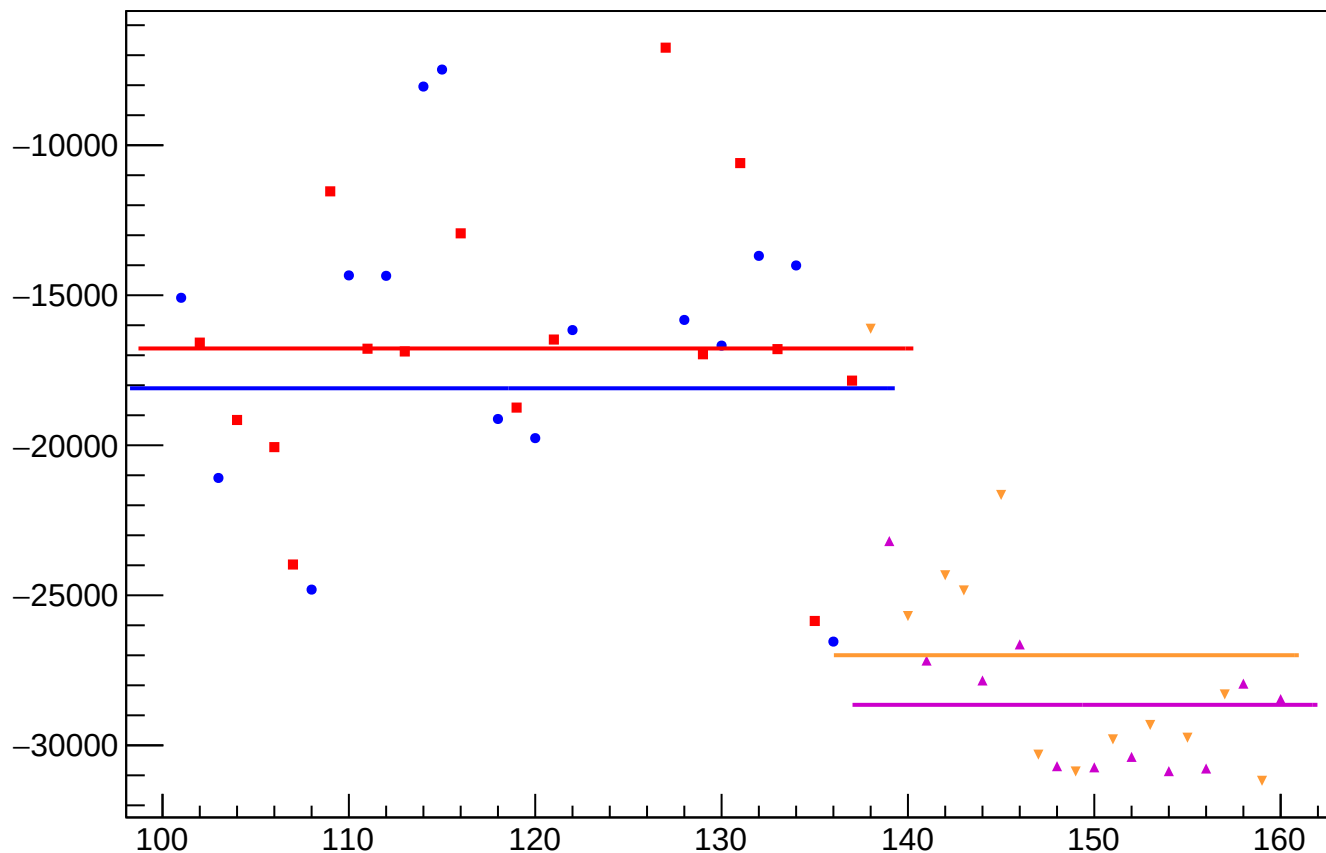
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1204.078+/-0.000 χ^2/NDF : 33123375714267646220347434218144399360.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

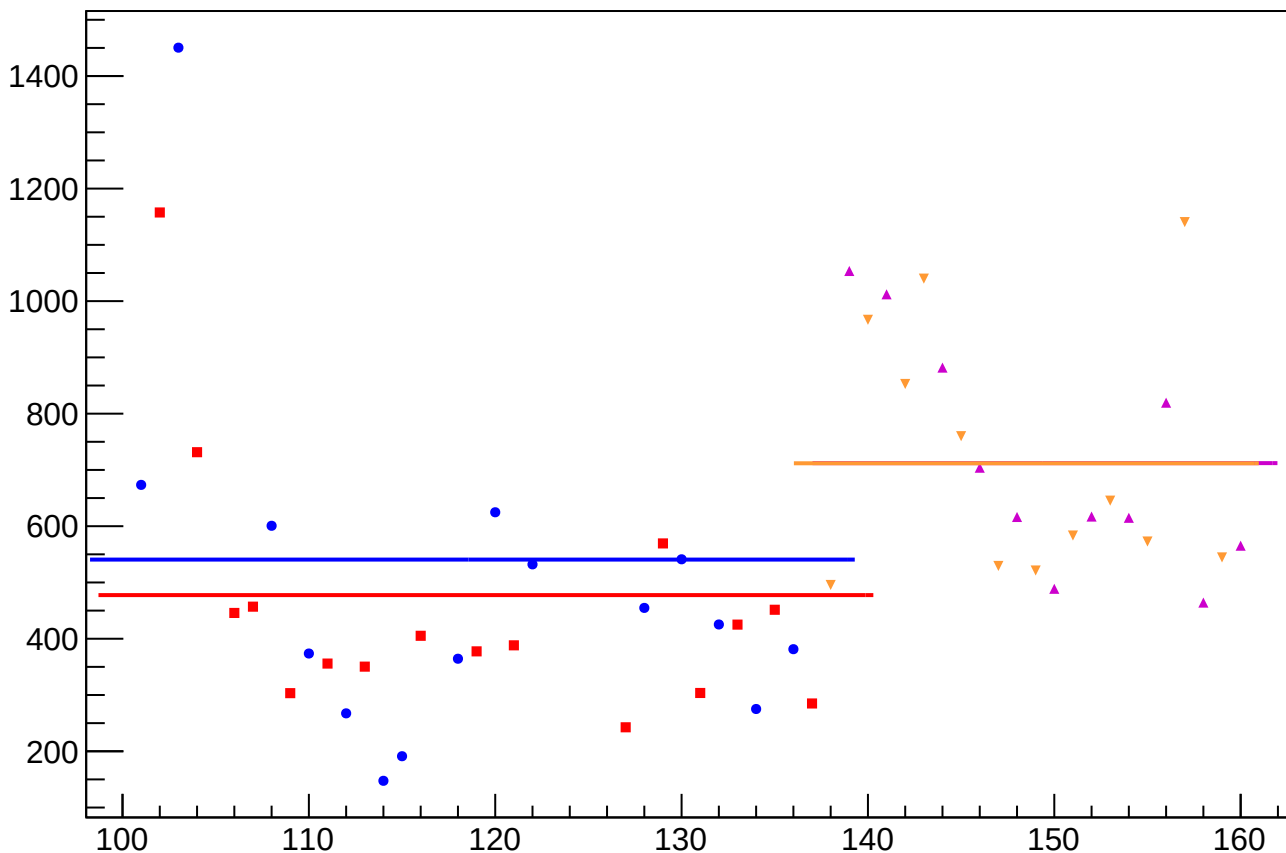
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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

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

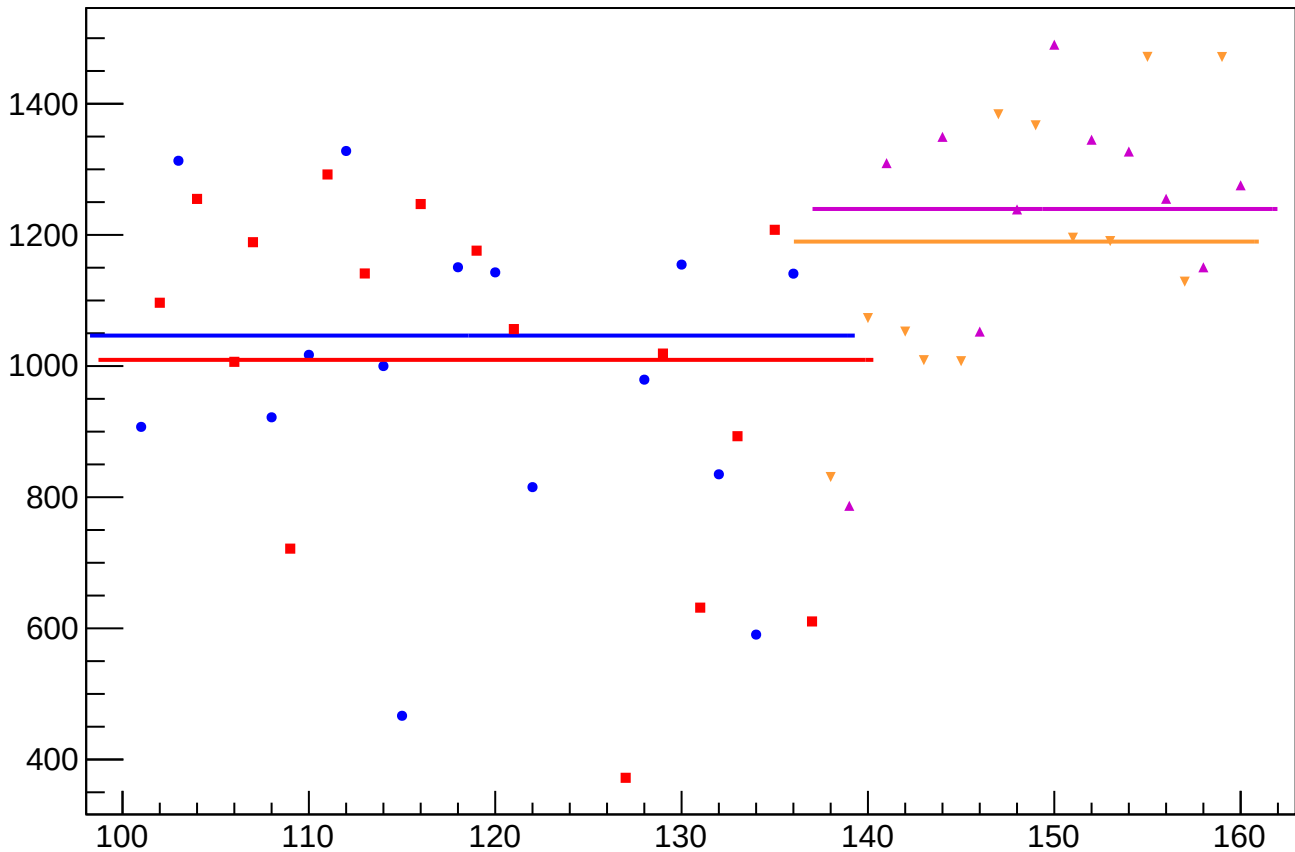
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 640.881+/-0.000 χ^2/NDF : 118565397303067

All: 627.215+/-0.000 χ^2/NDF : 213346191589

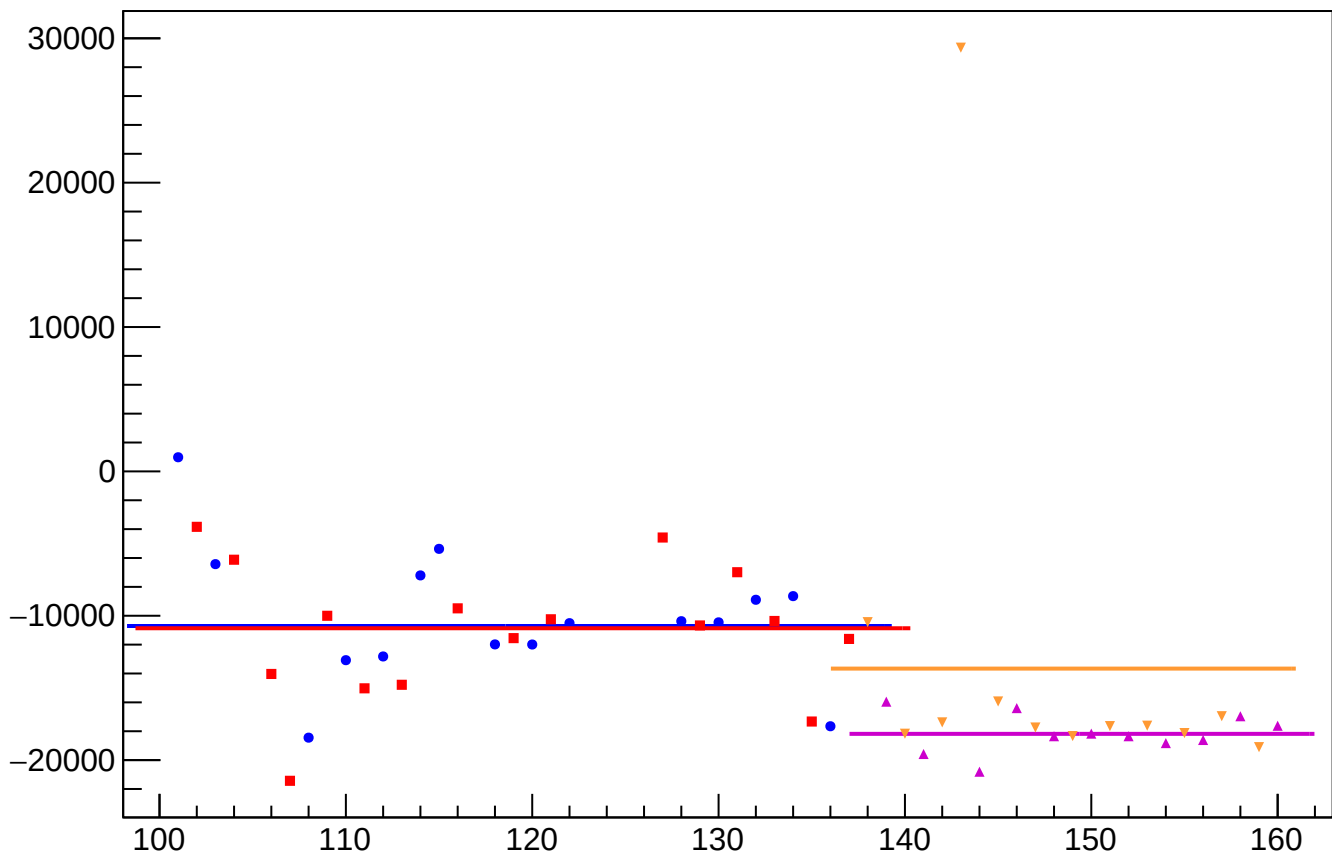
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 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

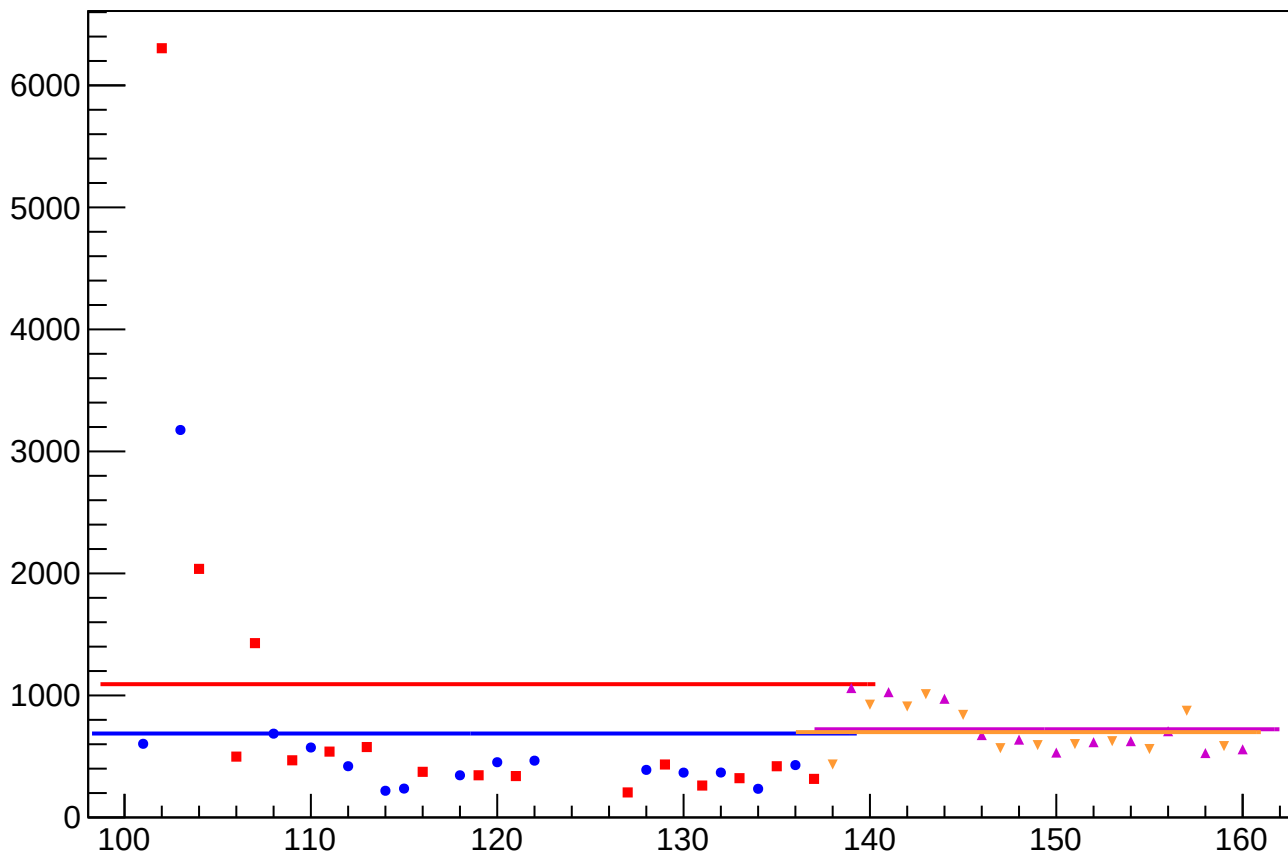
dit_atl1_coil1_mean vs Slug



Right In: -10710.292 ± 0.000 $\chi^2/\text{NDF}: 16945226152053511840482618402250170564608.0/14$
 Left Out: -13660.650 ± 0.000 $\chi^2/\text{NDF}: 137996899958511608921126321459037955162112.0/11$
 Right Out: -10866.264 ± 0.000 $\chi^2/\text{NDF}: 14234762838858382484525901644131626647552.0/15$
 Left In: -18181.504 ± 0.000 $\chi^2/\text{NDF}: 1643617183572647868818914289162838343680.0/10$

+ sign -12437.928 ± 0.000 $\chi^2/\text{NDF}: 158250171839$
 All: -13786.919 ± 0.000 $\chi^2/\text{NDF}: 200512620$
 - sign -15114.713 ± 0.000 $\chi^2/\text{NDF}: 3660768844081$

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

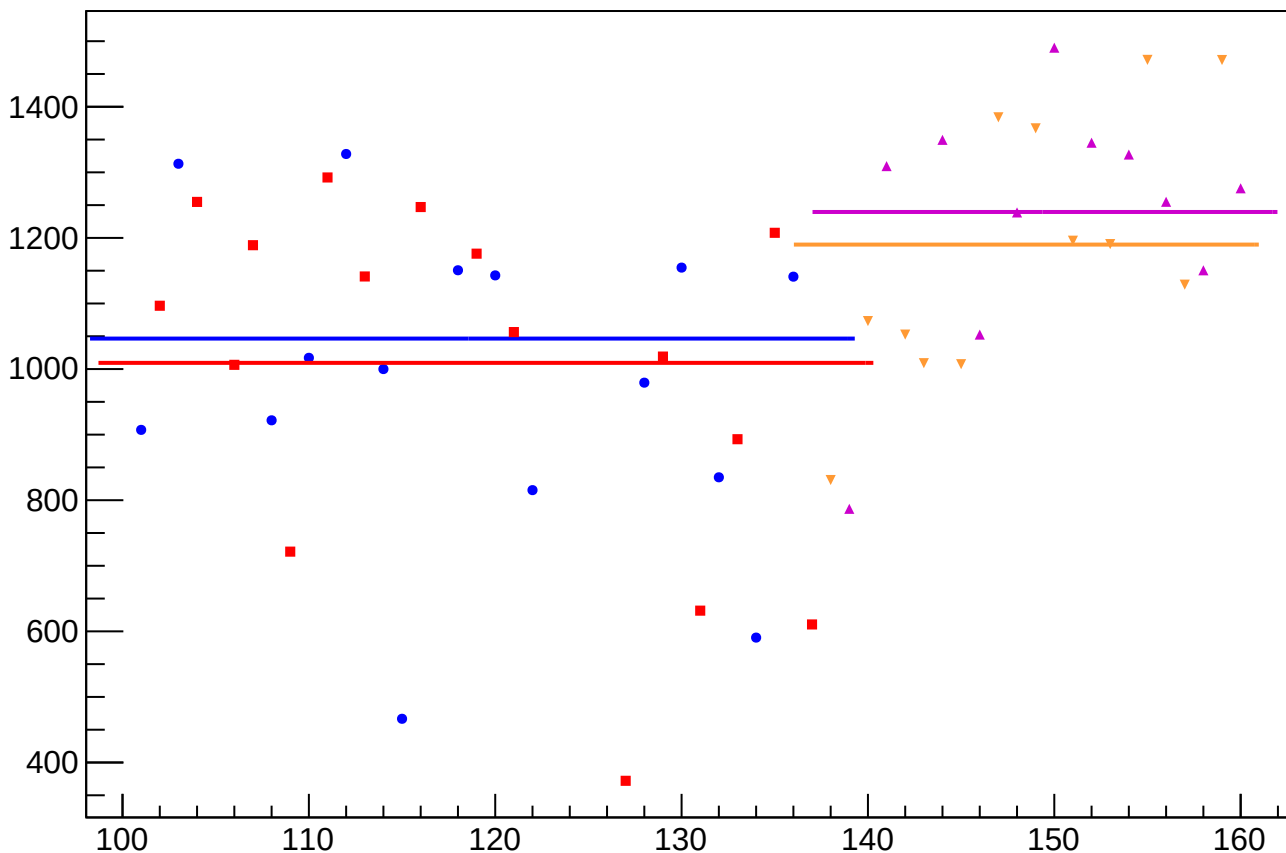
All: 786.917+/-0.000 χ^2/NDF : 243382664775

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

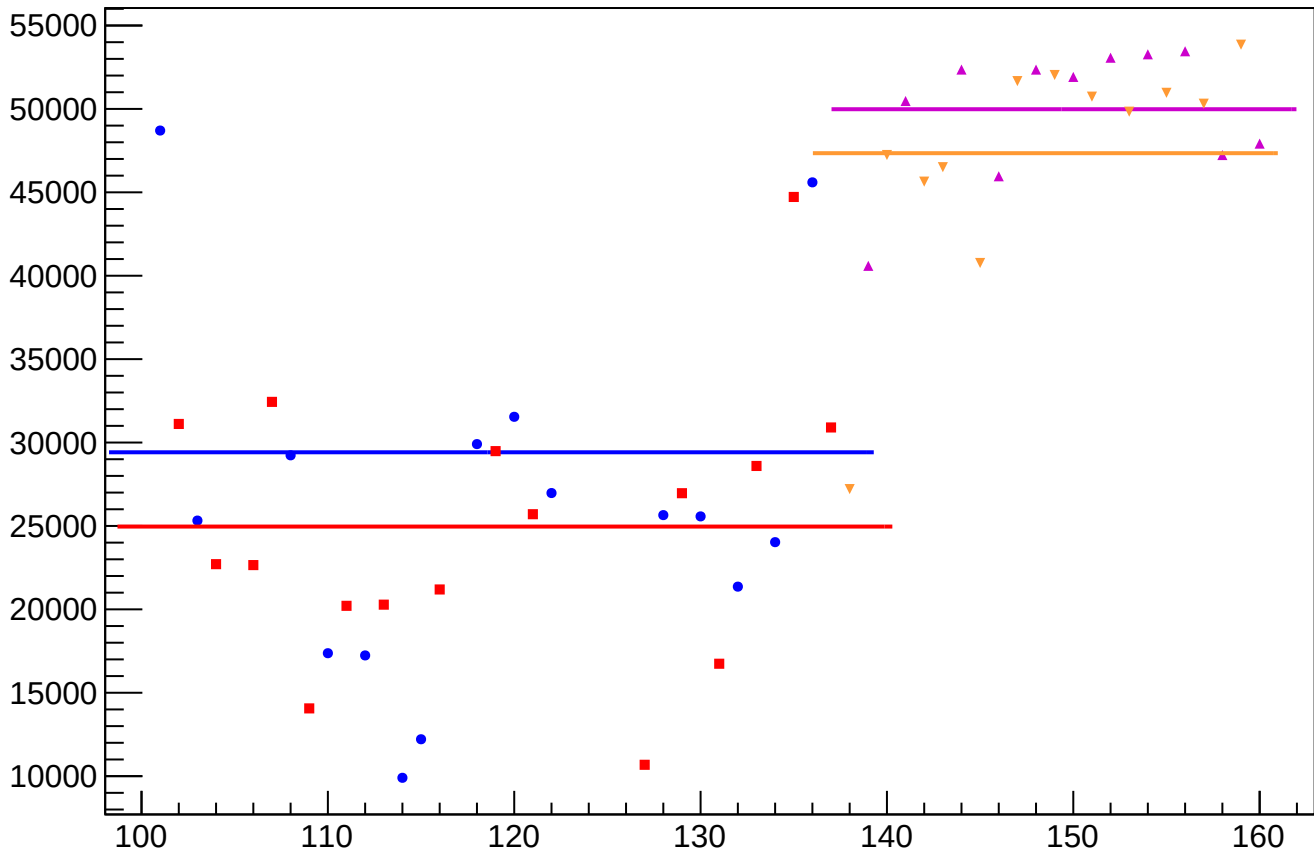
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

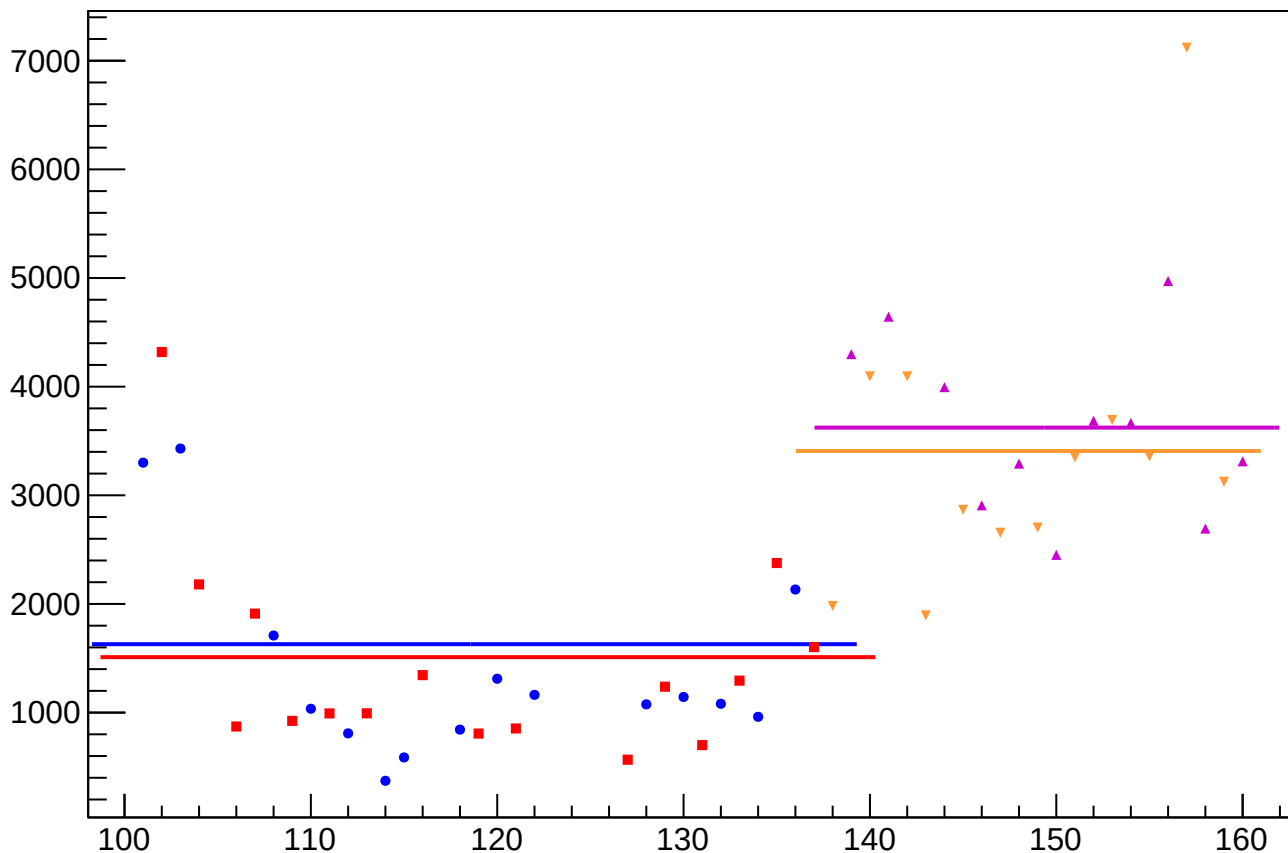
dit_atl2_coil1_mean vs Slug



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

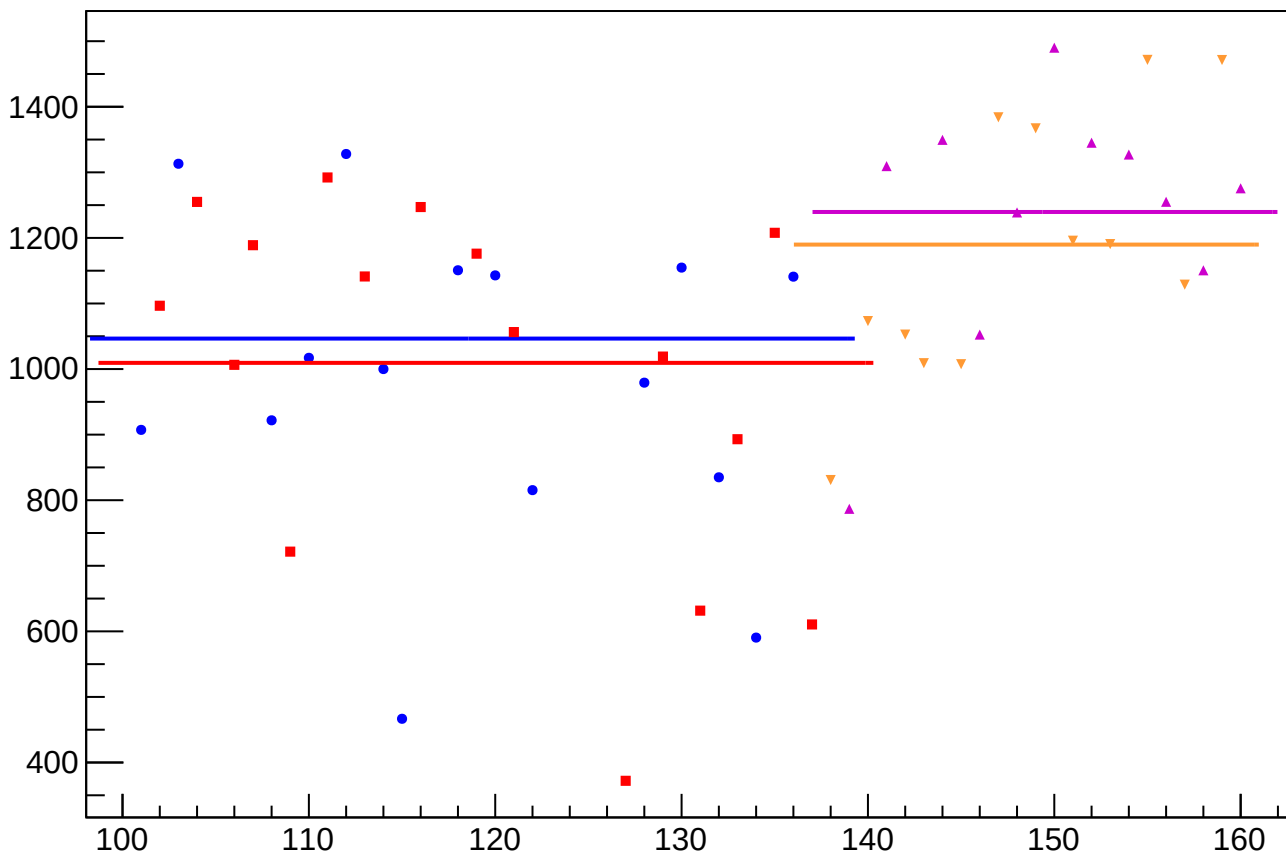
+ sign 39915.469+/-0.000 χ^2/NDF : 2391113044287
 All: 39702.686+/-0.000 χ^2/NDF : 5408657163
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542 $\pm$ 0.000 χ^2 /NDF: 551738555355028902194697896437152219136.0/14
 Left Out: 3407.741 $\pm$ 0.000 χ^2 /NDF: 1584870057929033939797166763050451075072.0/11
 Right Out: 1510.293 $\pm$ 0.000 χ^2 /NDF: 688231904046816211321774524619745656832.0/15
 Left In: 3623.095 $\pm$ 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

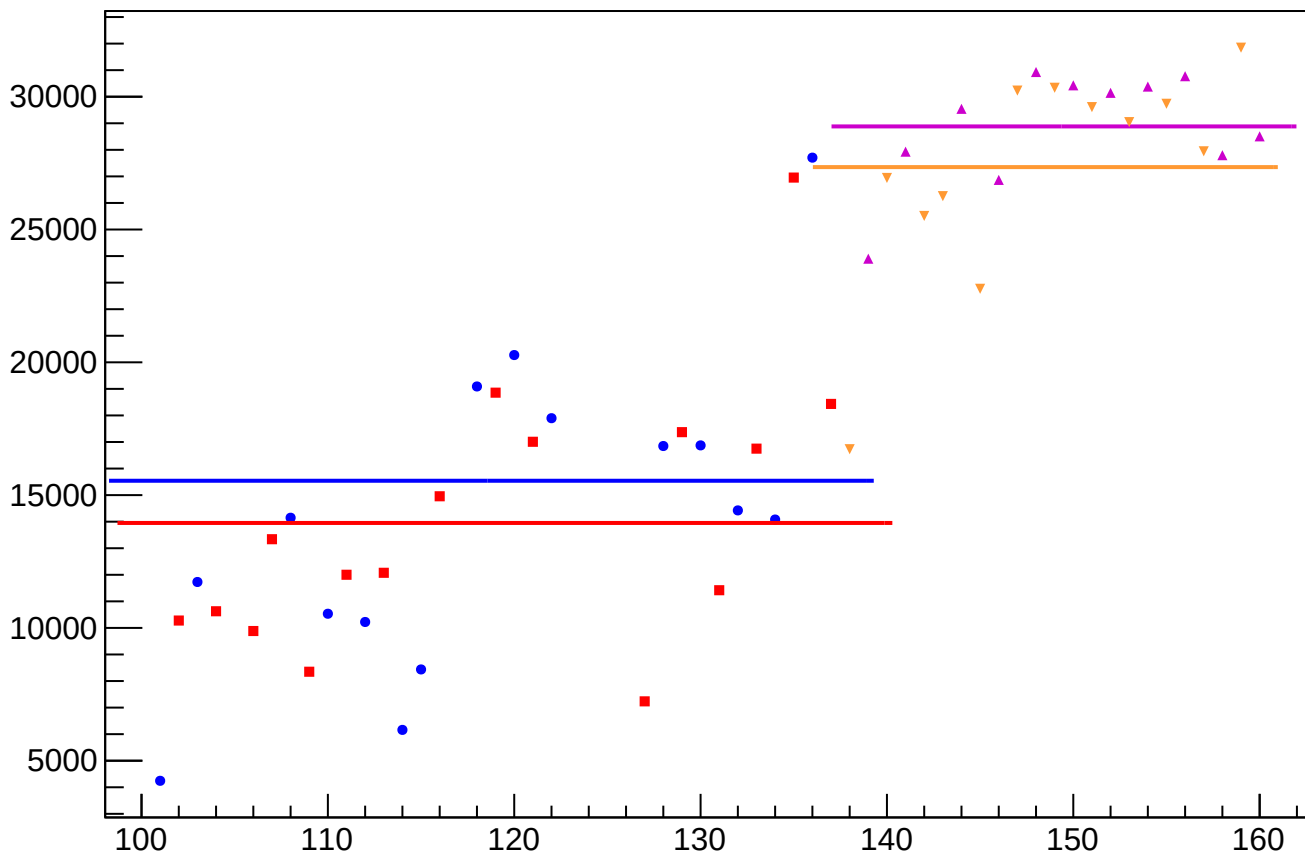
Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

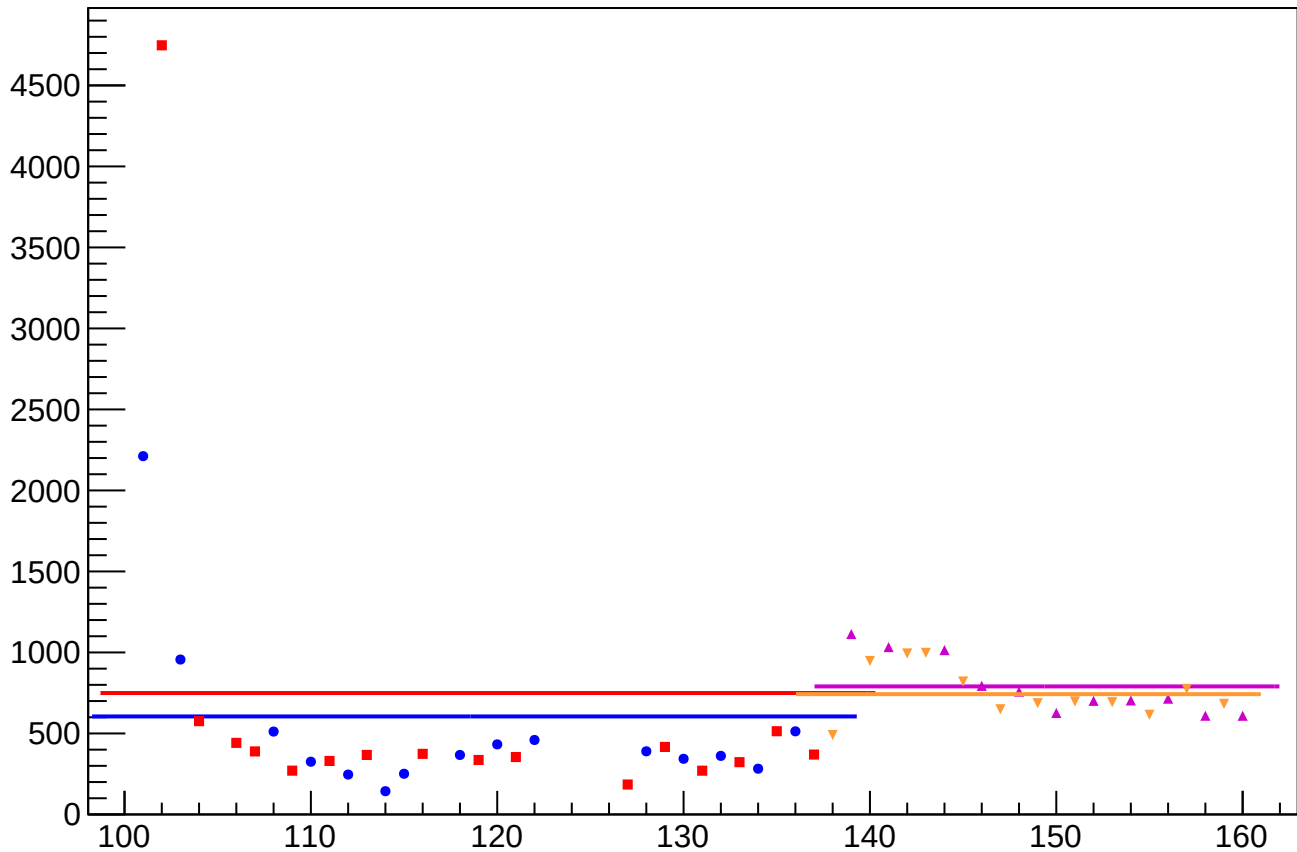
dit_atr1_coil1_mean vs Slug



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

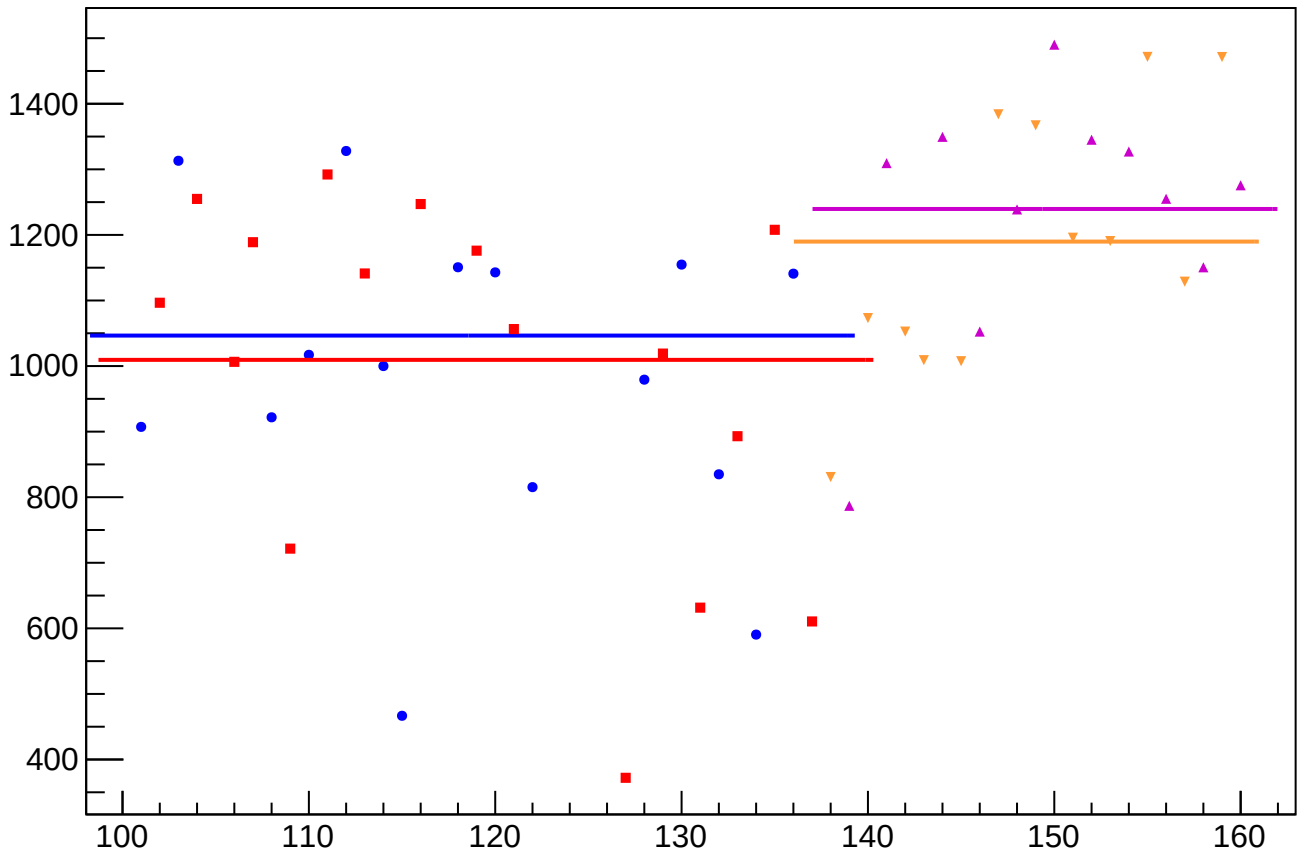
+ sign 22455.798+/-0.000 χ^2/NDF : 9526429400020
 All: 22539.875+/-0.000 χ^2/NDF : 2023487718
 - sign 22622.631+/-0.000 χ^2/NDF : 1070625118466

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	
All: 729.736+/-0.000 χ^2/NDF : 127116228852	
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496	

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

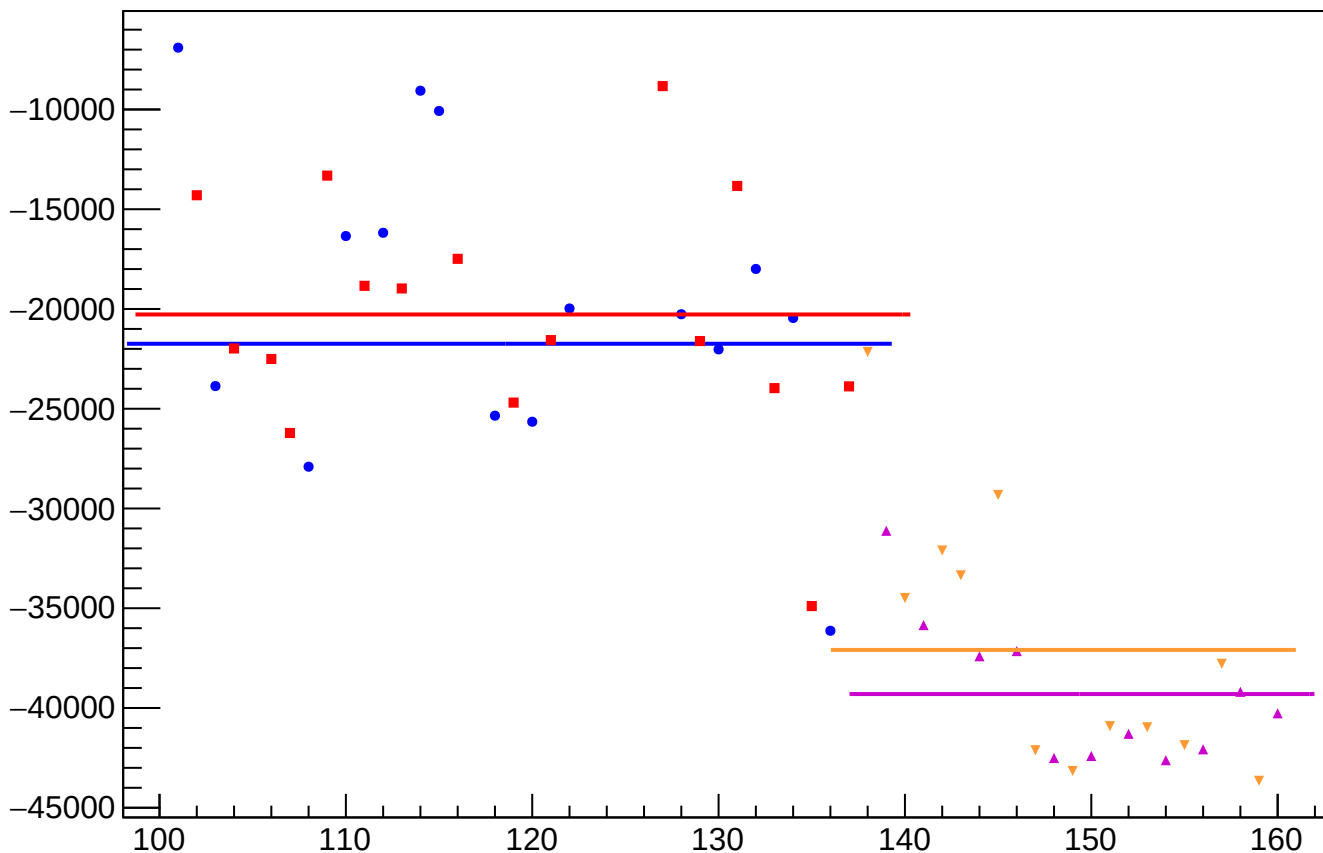
All: 1136.802+/-0.000 χ^2/NDF : 16251853607

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

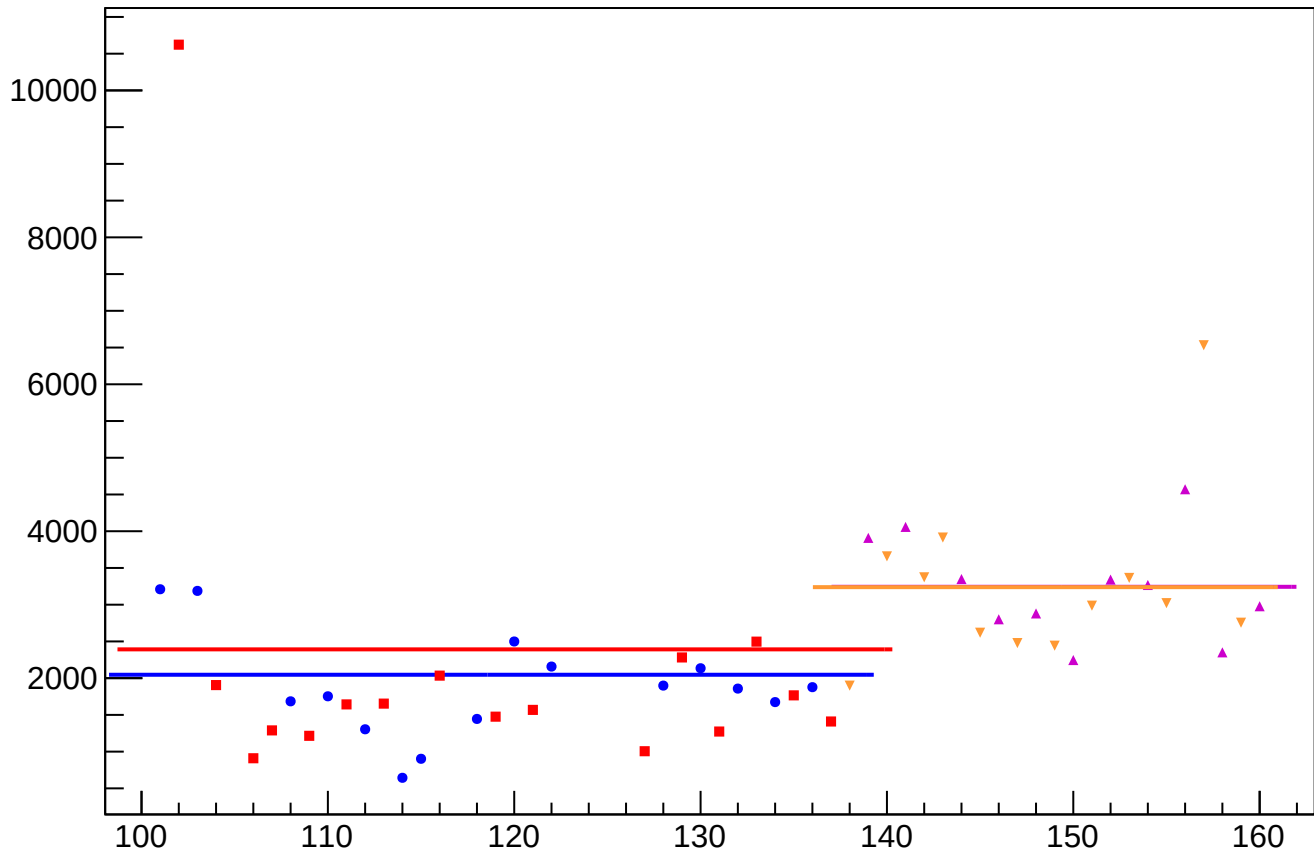
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



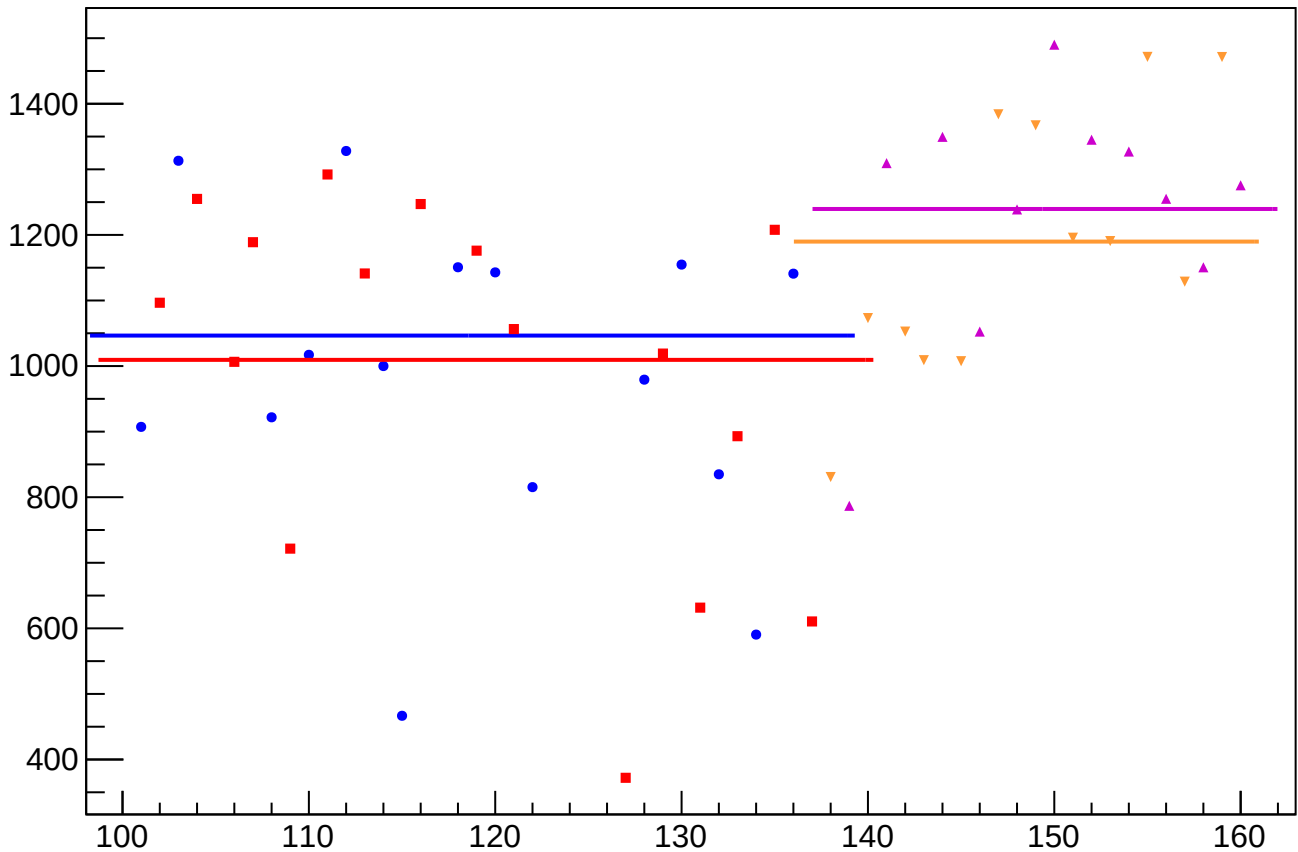
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37089.024+/-0.000 χ^2/NDF : 37696615174692315635920208068597564571648.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2744.544+/-0.000	χ^2/NDF : 20077660522649
Left Out: 3238.684+/-0.000	χ^2/NDF : 1200935390034847061403610621854649155584.0/11	All: 2816.077+/-0.000	χ^2/NDF : 71426046824
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2886.485+/-0.000	χ^2/NDF : 51189384320628
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10		

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

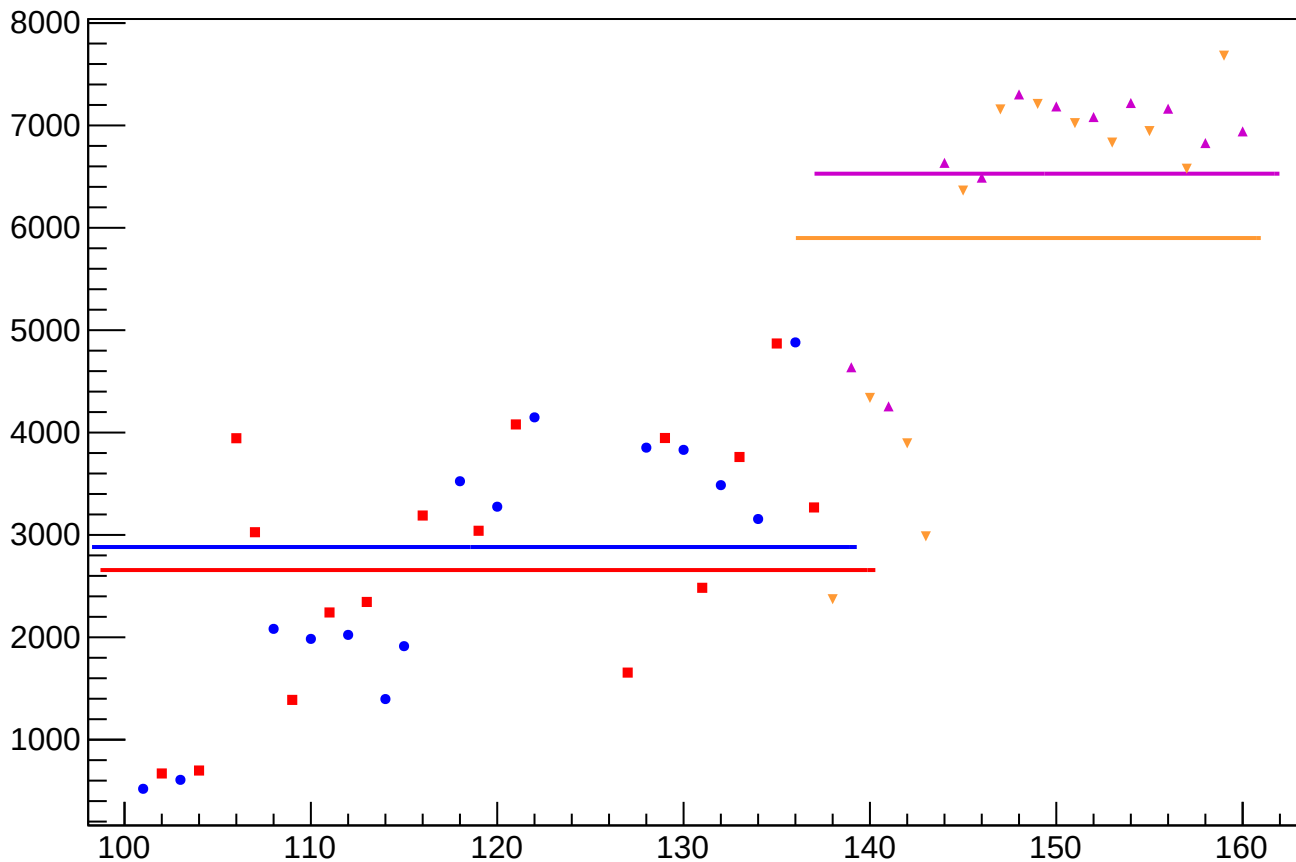
All: 1136.802+/-0.000 χ^2/NDF : 16251853607

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

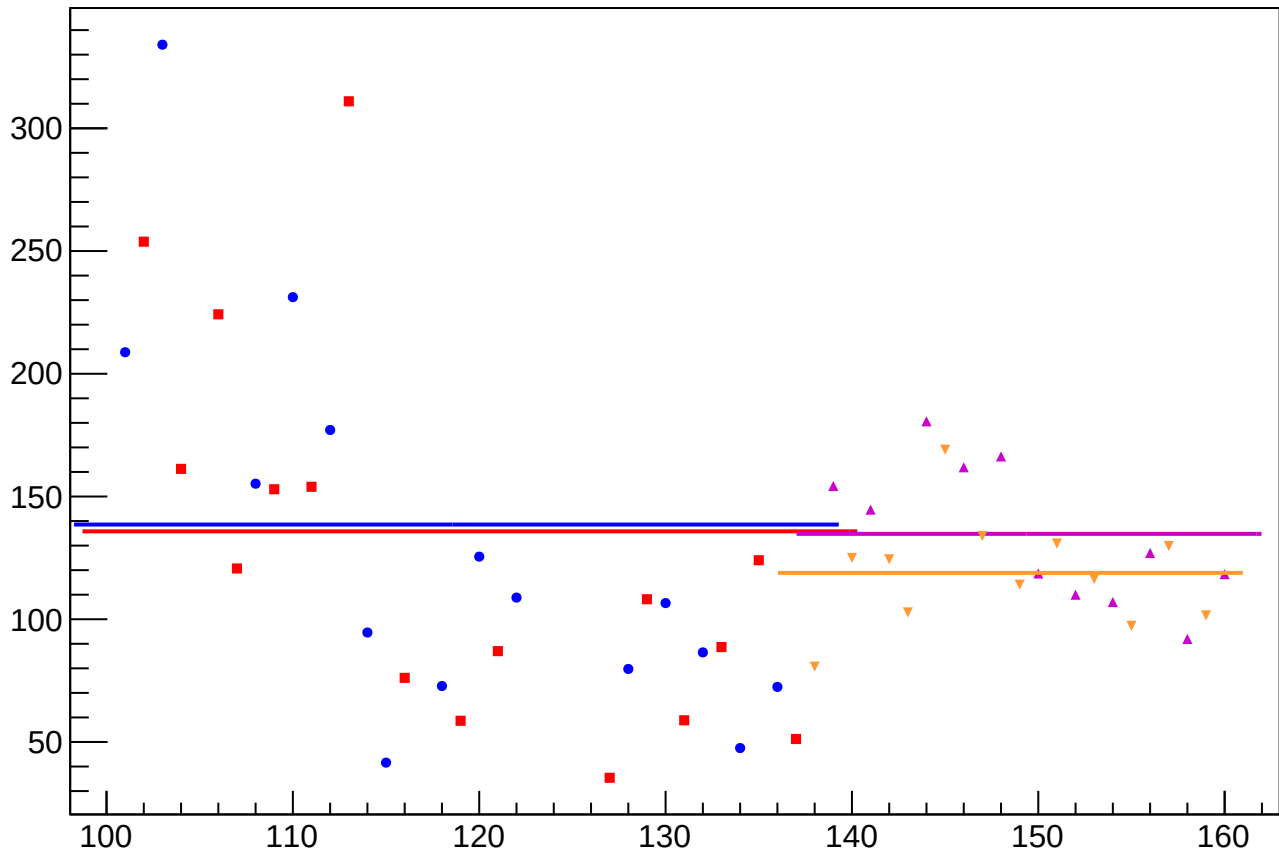
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



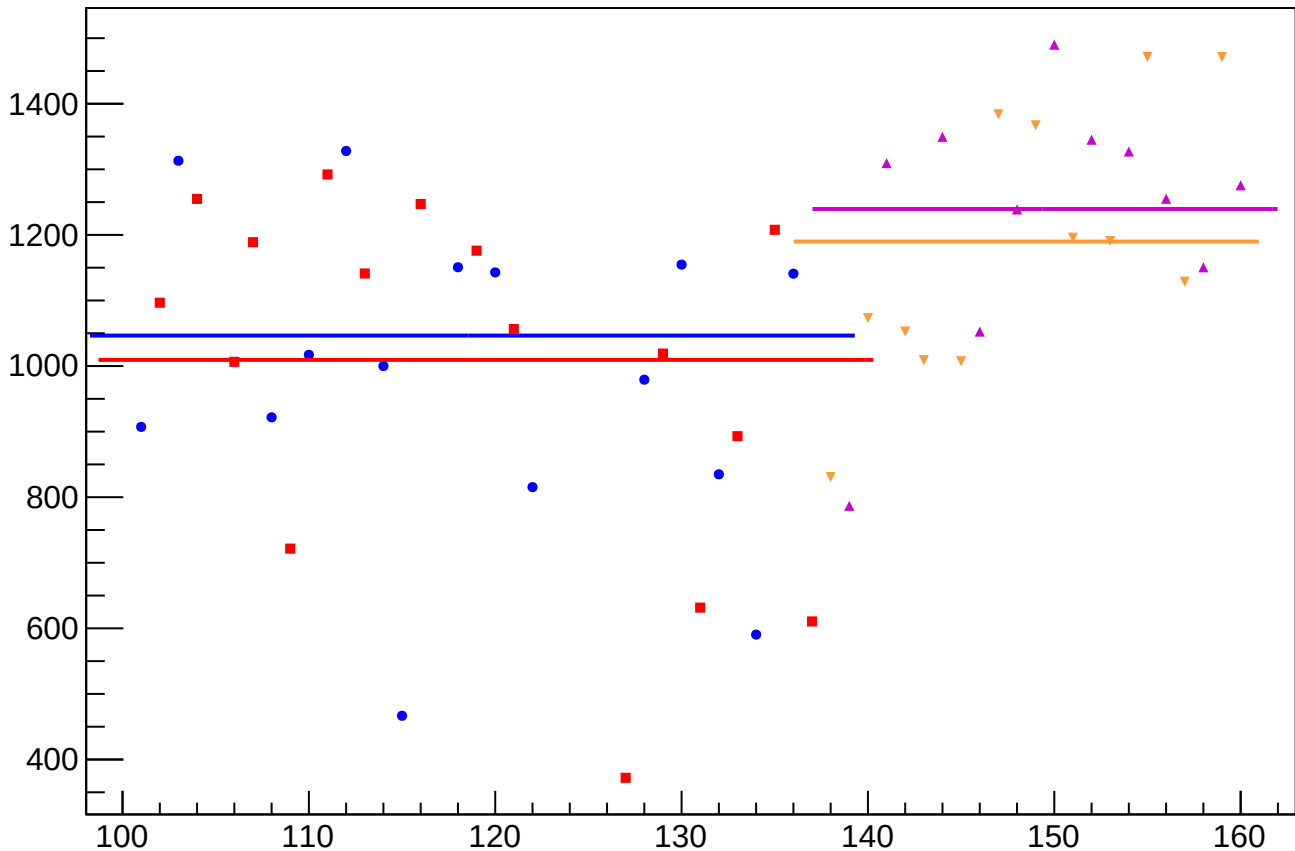
Right In: 2881.935+/-0.000	χ^2/NDF : 1320319391496525533692082365878834823168.0/14	+ sign 4649.303+/-0.000	χ^2/NDF : 75399616653013
Left Out: 5900.145+/-0.000	χ^2/NDF : 2757689906494435175416115853599080185856.0/11	All: 4778.421+/-0.000	χ^2/NDF : 15416993926
Right Out: 2656.918+/-0.000	χ^2/NDF : 1077696846216053561130716877125509447680.0/15	- 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

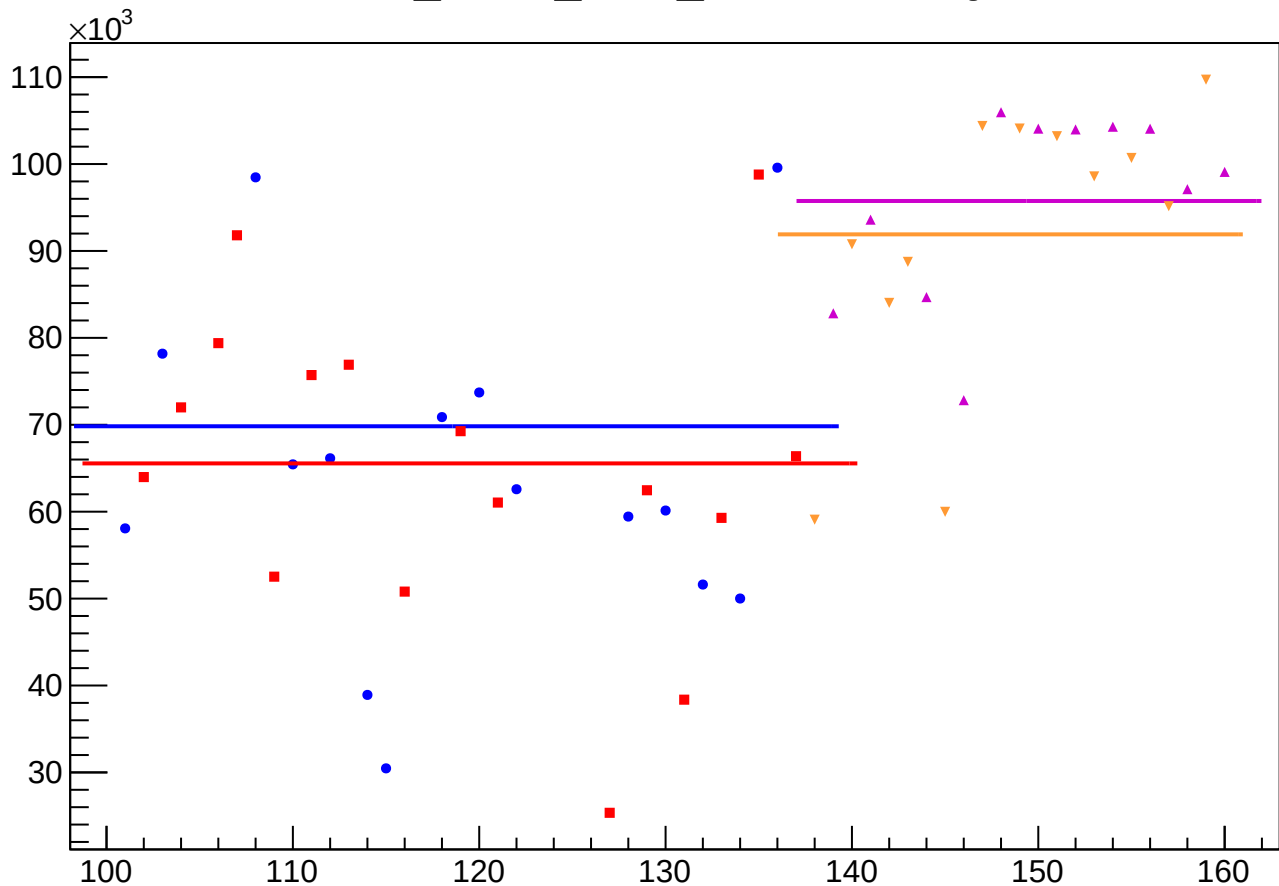
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

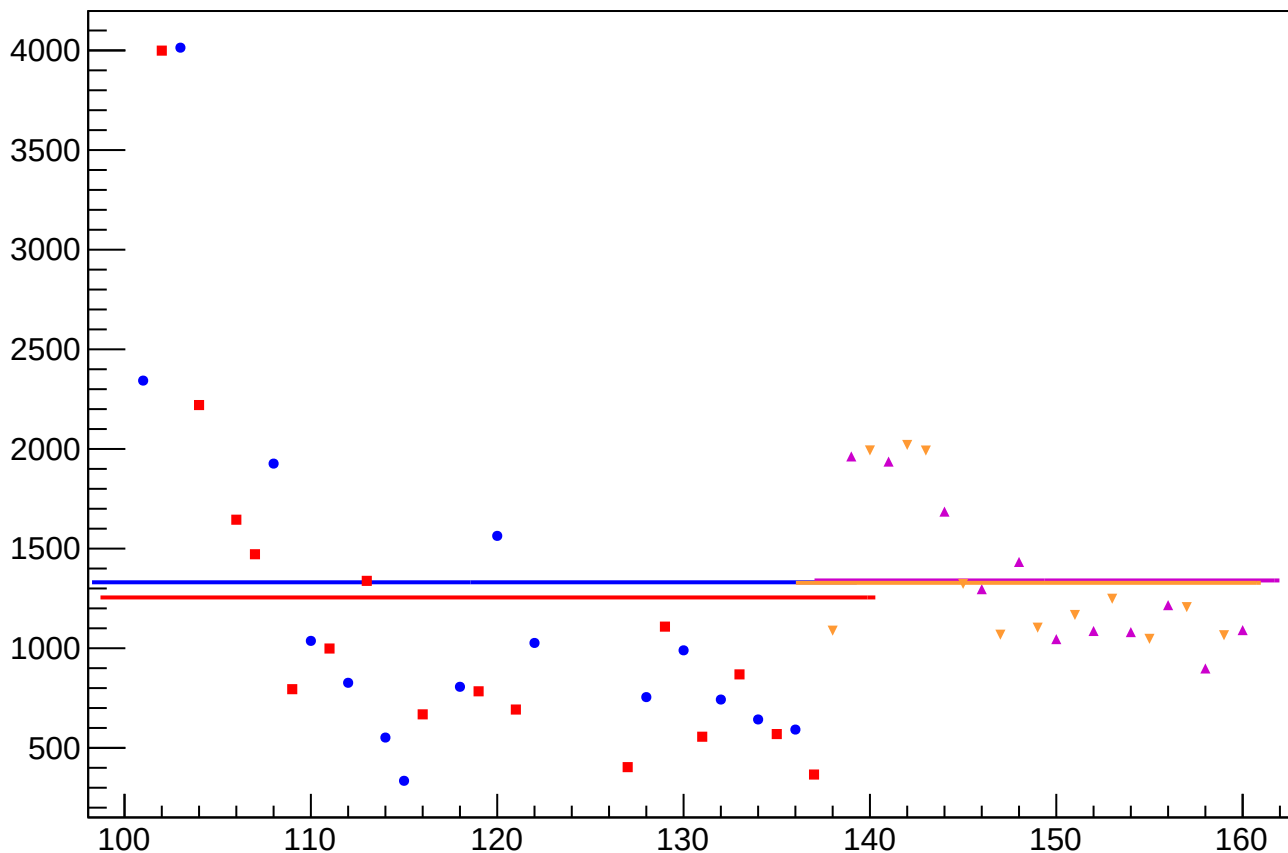
dit_sam2_coil1_mean vs Slug



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

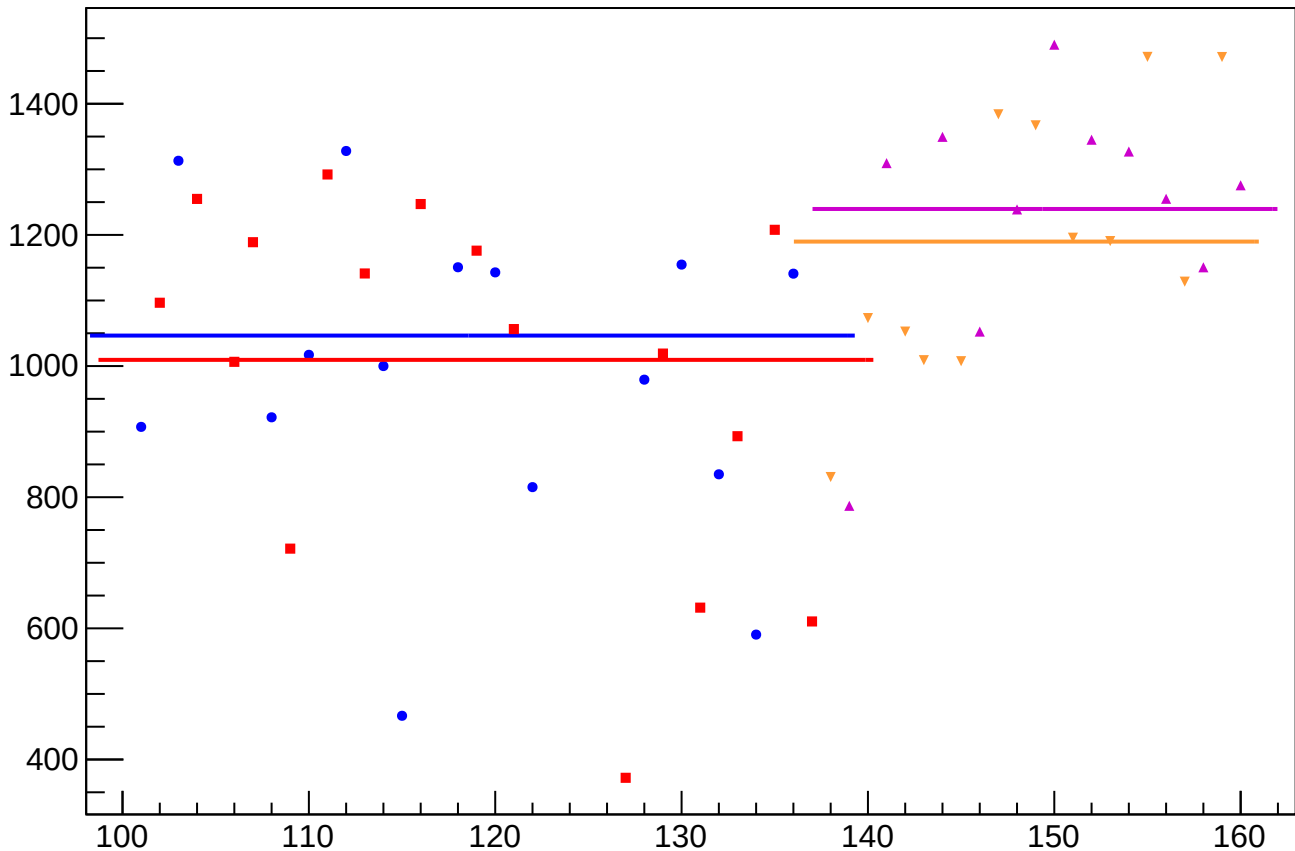
Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

+ sign 1329.406+/-0.000 χ^2/NDF : 76683021399339

All: 1316.814+/-0.000 χ^2/NDF : 15164874305

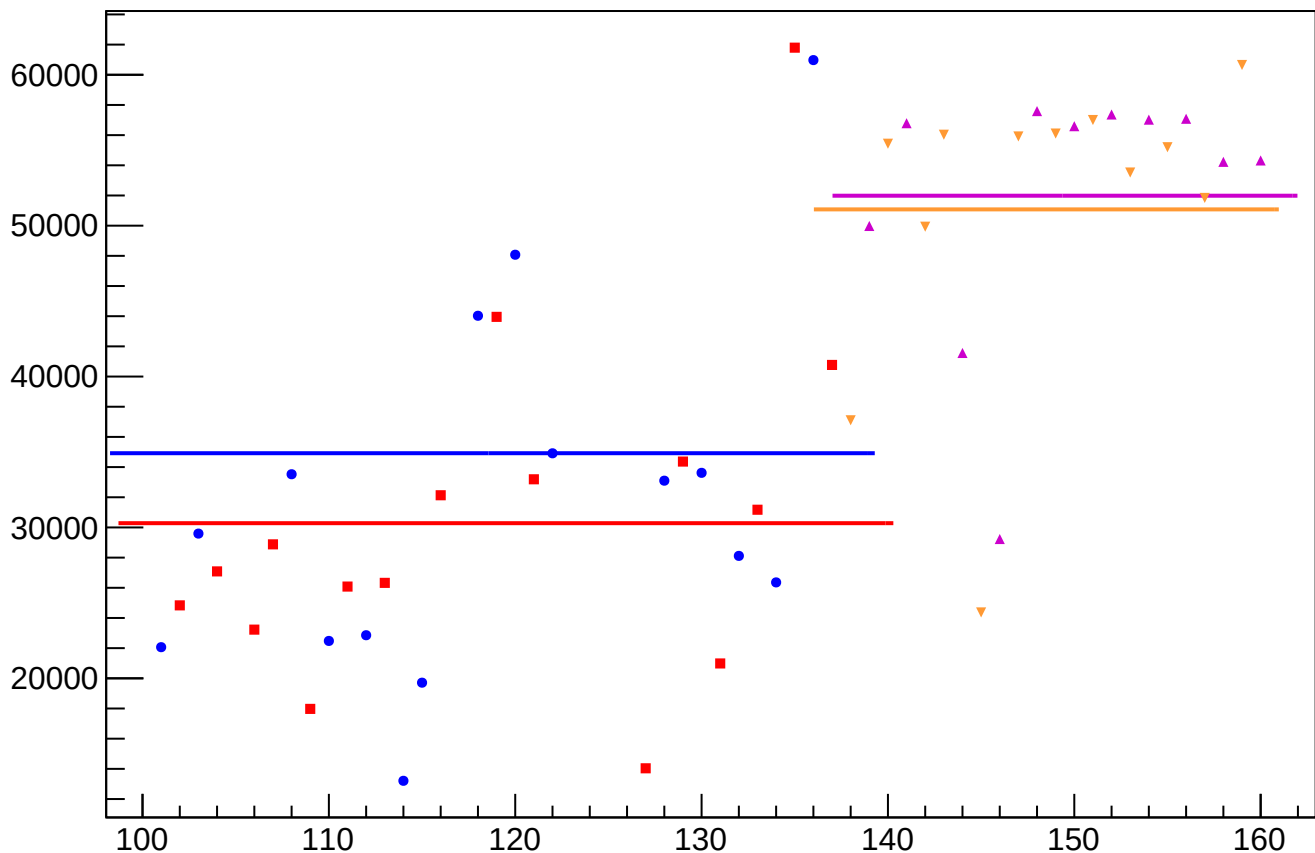
- sign 1304.419+/-0.000 χ^2/NDF : 74916446361161

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

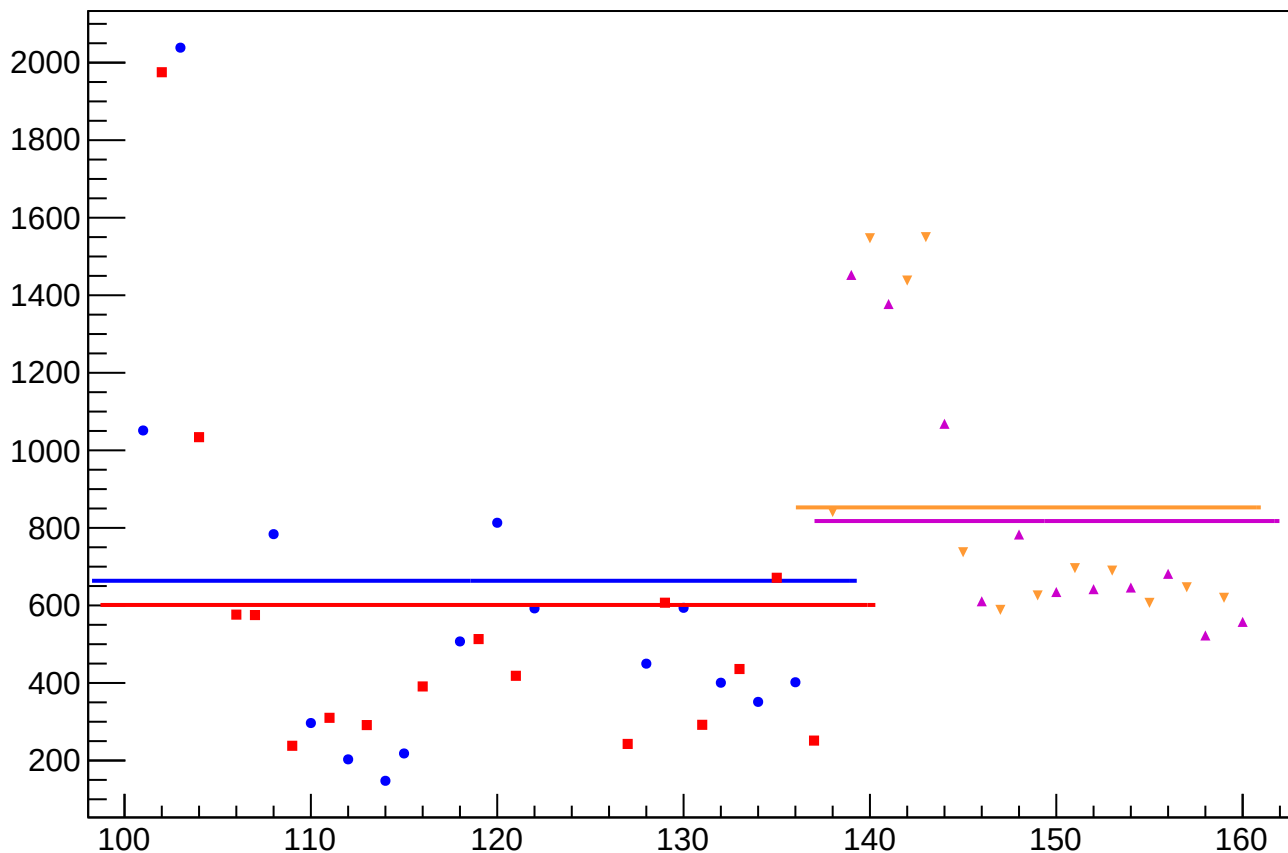
dit_sam3_coil1_mean vs Slug



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

+ sign 44382.030+/-0.000 χ^2/NDF : 2977932631162
 All: 43628.472+/-0.000 χ^2/NDF : 6375363516
 - sign 42886.756+/-0.000 χ^2/NDF : 3379785593938

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 852.828+/-0.000 χ^2/NDF : 115391521173207267272974066416613326848.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

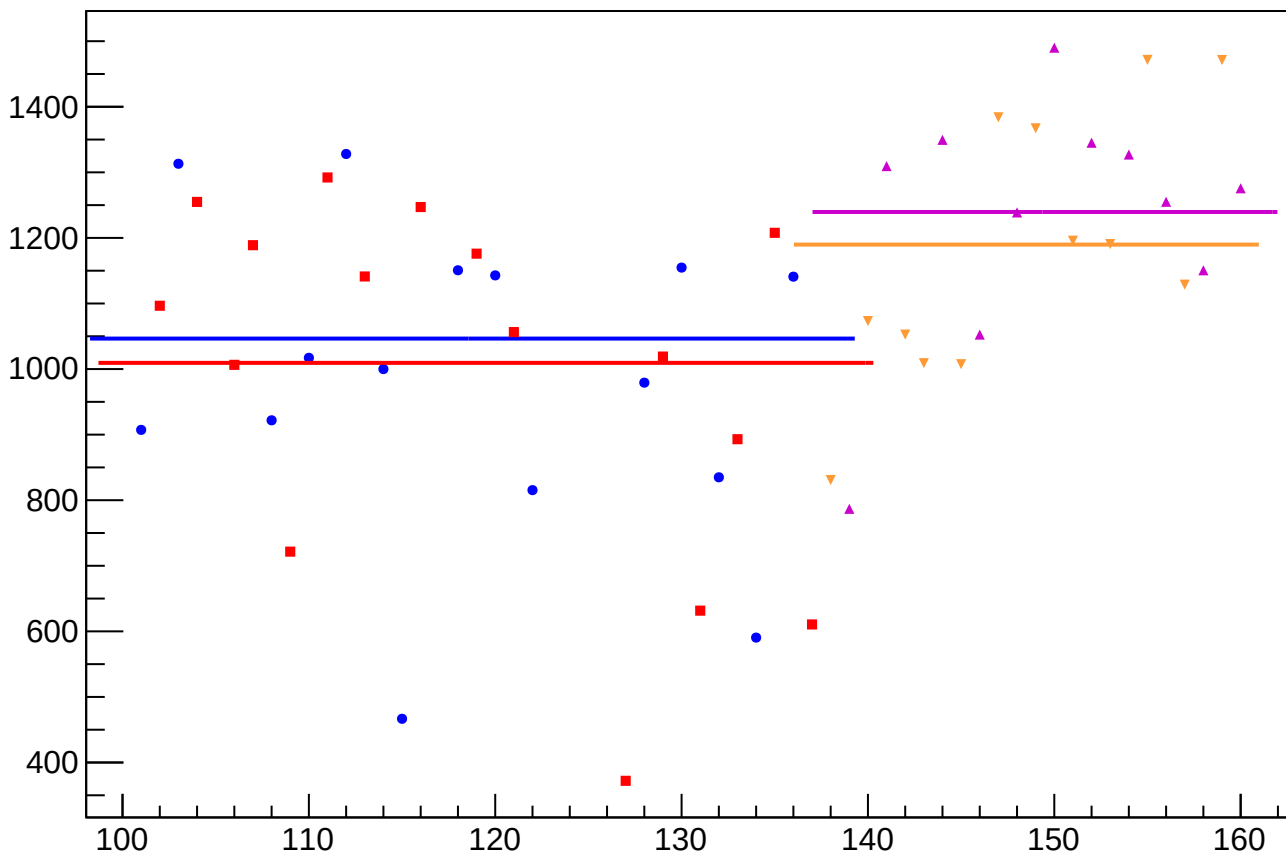
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ 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

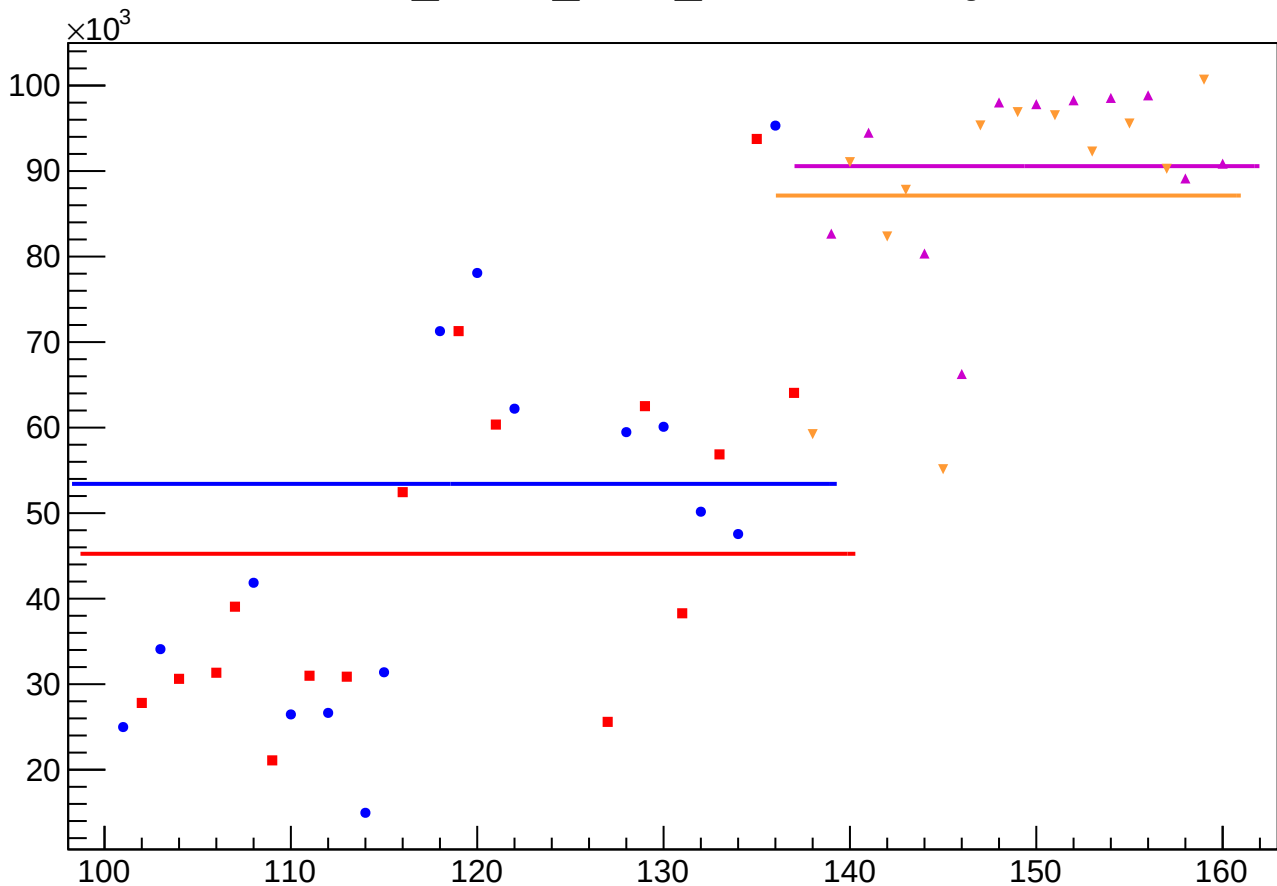
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

All: 1136.802+/-0.000 χ^2/NDF : 16251853607

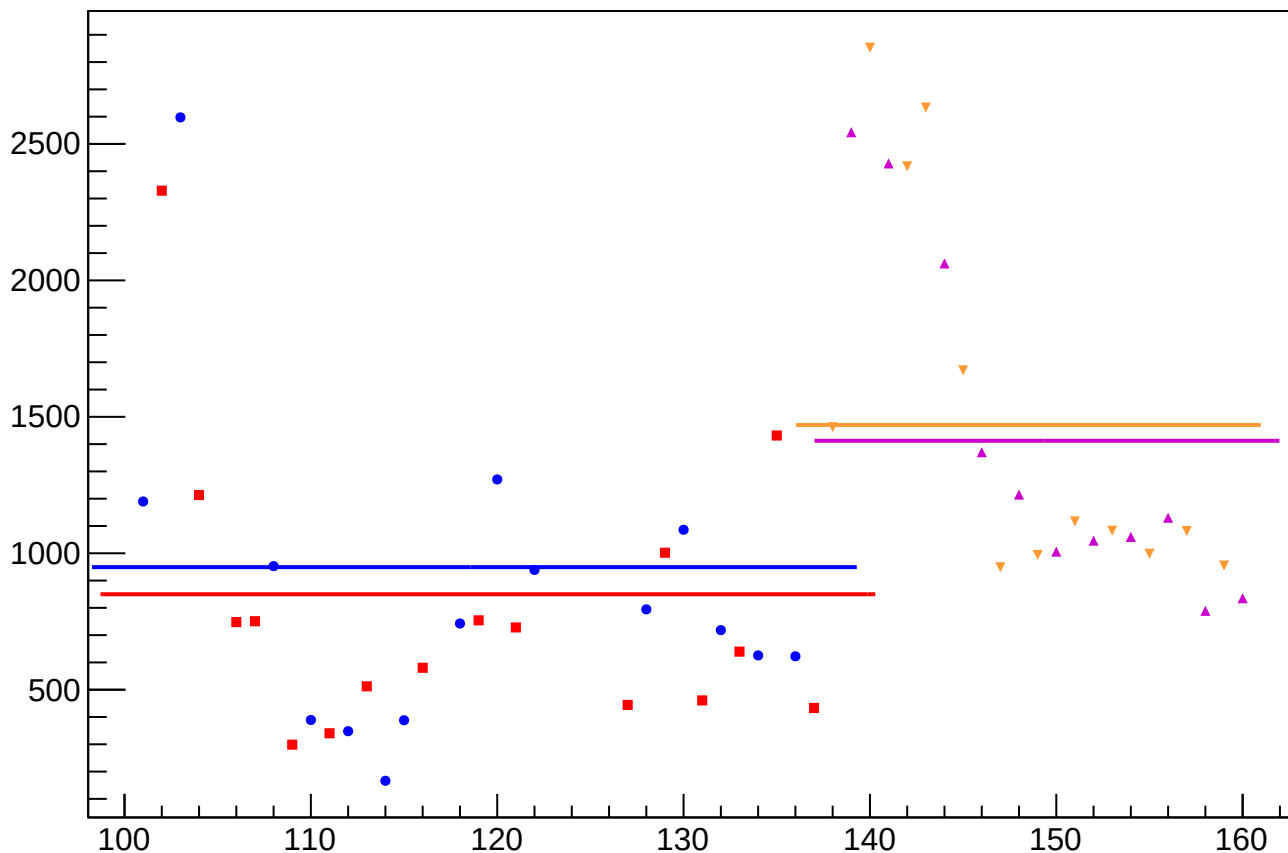
- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_sam4_coil1_mean vs Slug



Right In: 53422.452 $\pm$ 0.000 χ^2 /NDF: 360635757315133800133751123167777346551808.0/14
 Left Out: 87135.960 $\pm$ 0.000 χ^2 /NDF: 189391741344290721413233098775018944331776.0/11
 Right Out: 45247.617 $\pm$ 0.000 χ^2 /NDF: 286060196488034430215784613374055547928576.0/15
 Left In: 90573.760 $\pm$ 0.000 χ^2 /NDF: 90574081394354221593949262312406685581312.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1470.170+/-0.000 χ^2/NDF : 405590375156650172280507211961333710848.0/11

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

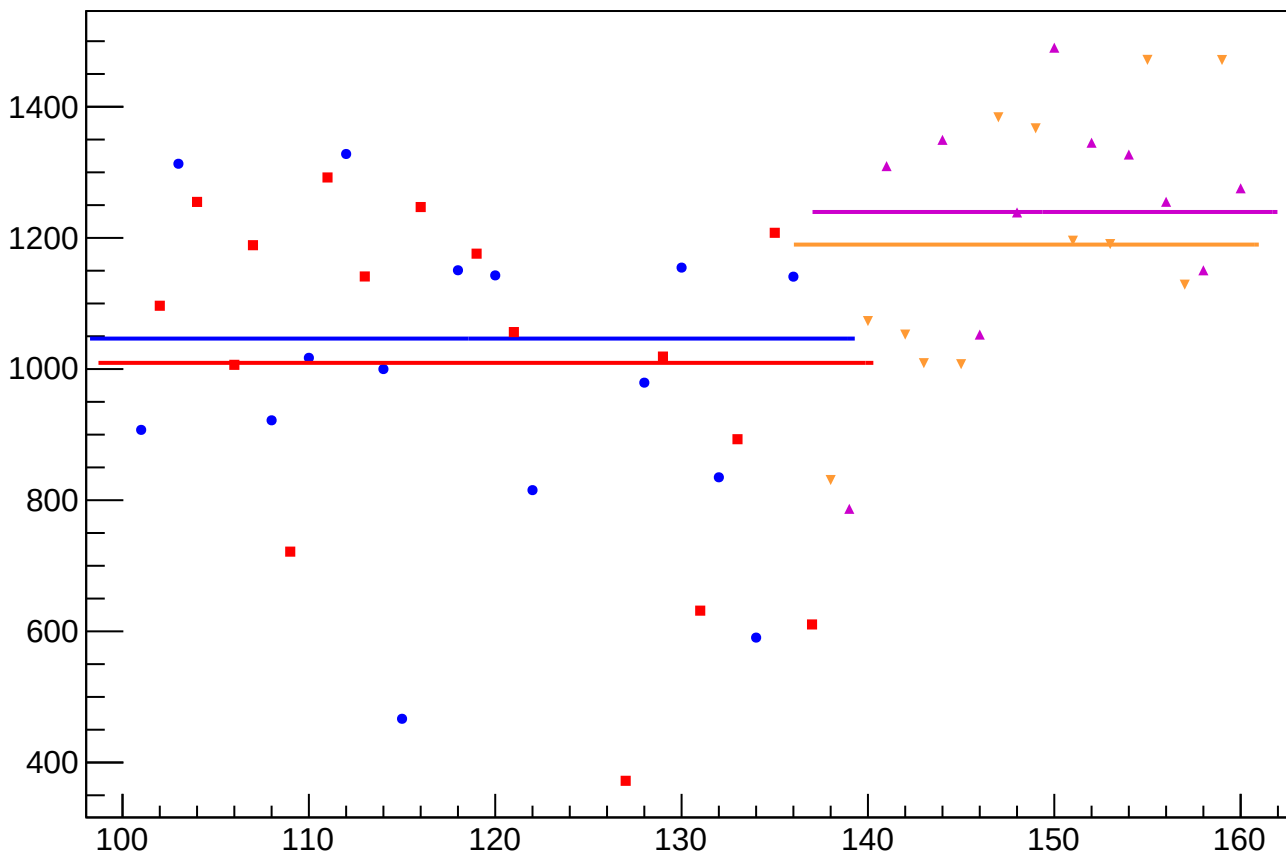
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1254.262+/-0.000 χ^2/NDF : 73442755176588

All: 1215.036+/-0.000 χ^2/NDF : 13988660809

- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

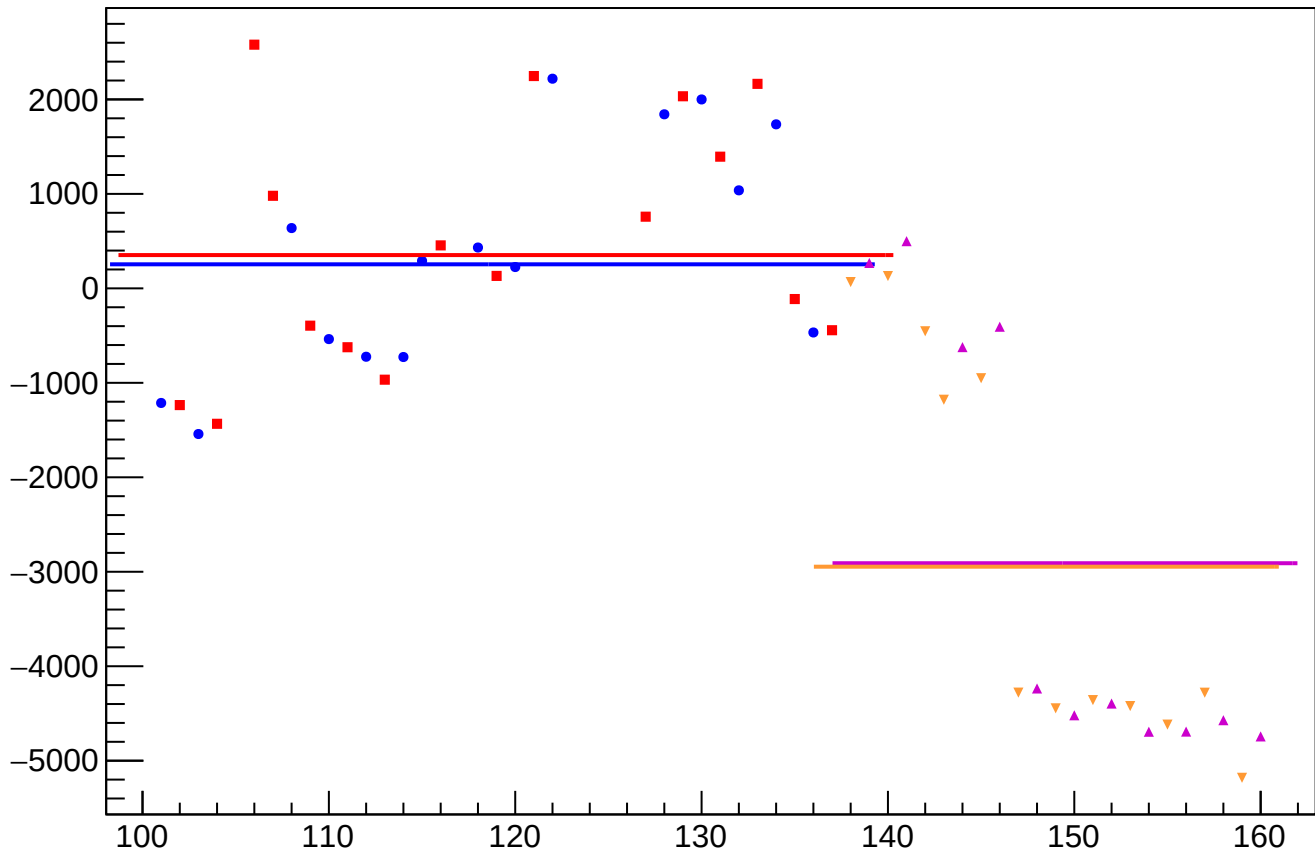
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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_sam5_coil1_mean vs Slug



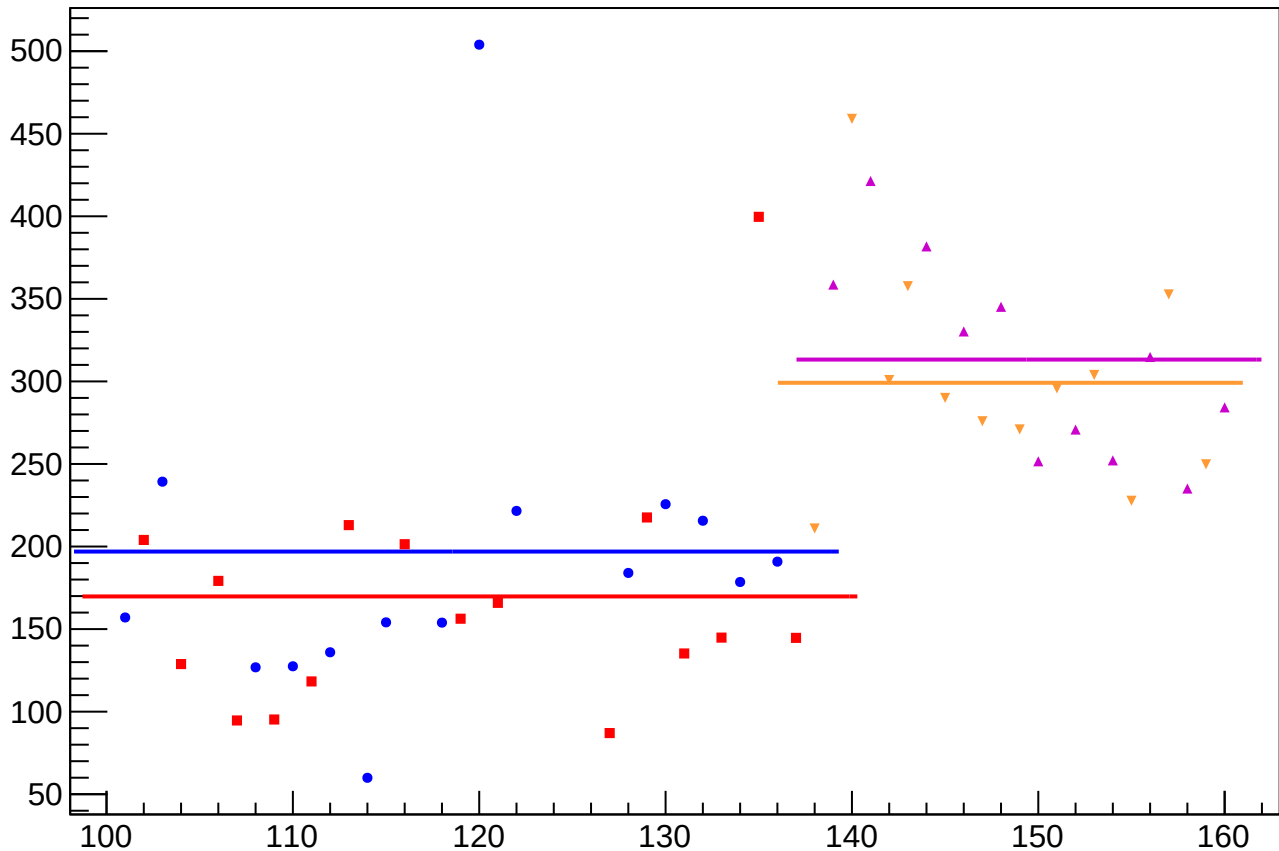
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: -2946.326+/-0.000 χ^2/NDF : 3731127313953628227585948865105357701120.0/11

Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

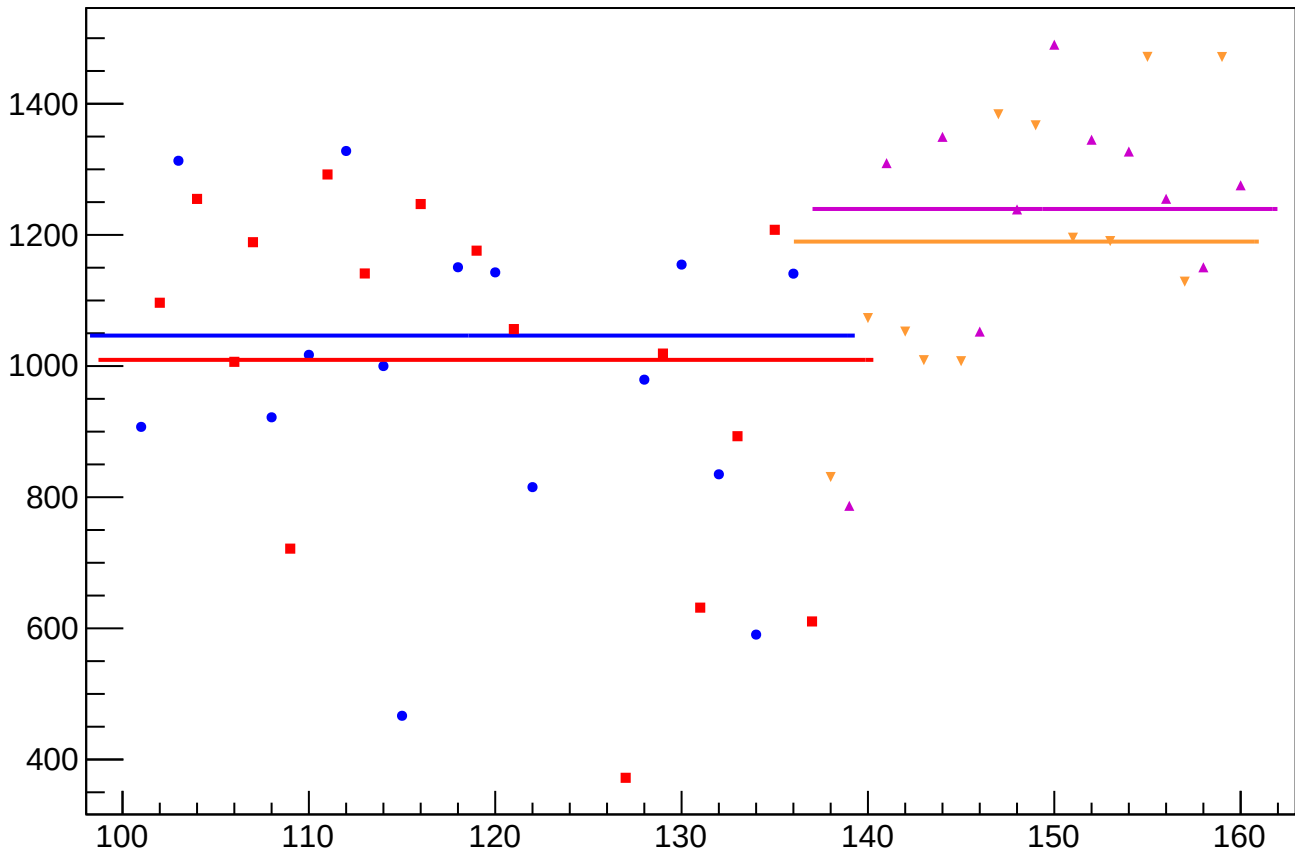
Left In: -2909.545+/-0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



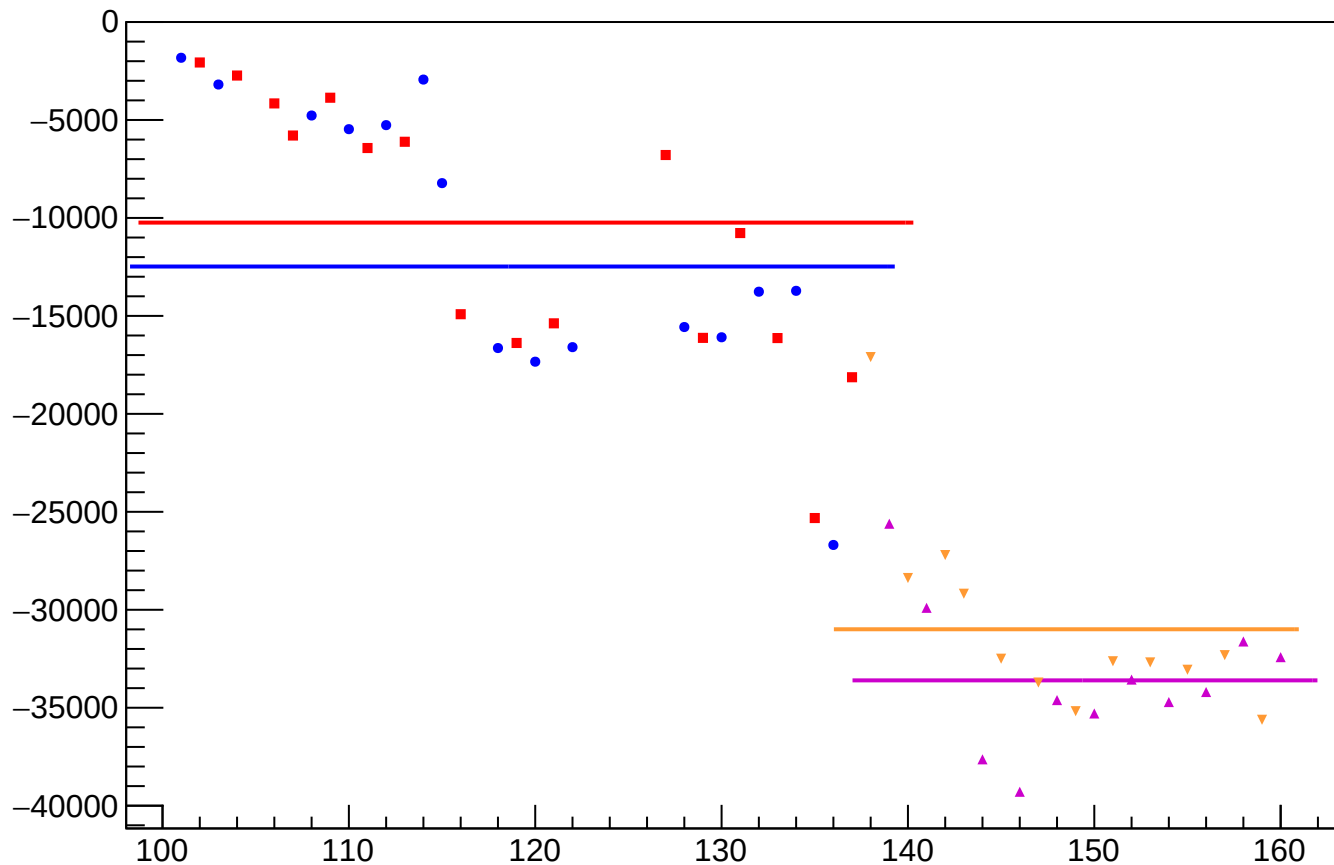
Right In: 196.955 +/- 0.000 χ^2/NDF : 4485245160329657914621372425838788608.0/14
 Left Out: 299.172 +/- 0.000 χ^2/NDF : 3880381264543200500455029030889979904.0/11
 Right Out: 169.778 +/- 0.000 χ^2/NDF : 3892609445494845784493558646385410048.0/15
 Left In: 313.228 +/- 0.000 χ^2/NDF : 3079061701843560714774529768142405632.0/10

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 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_sam6_coil1_mean vs Slug



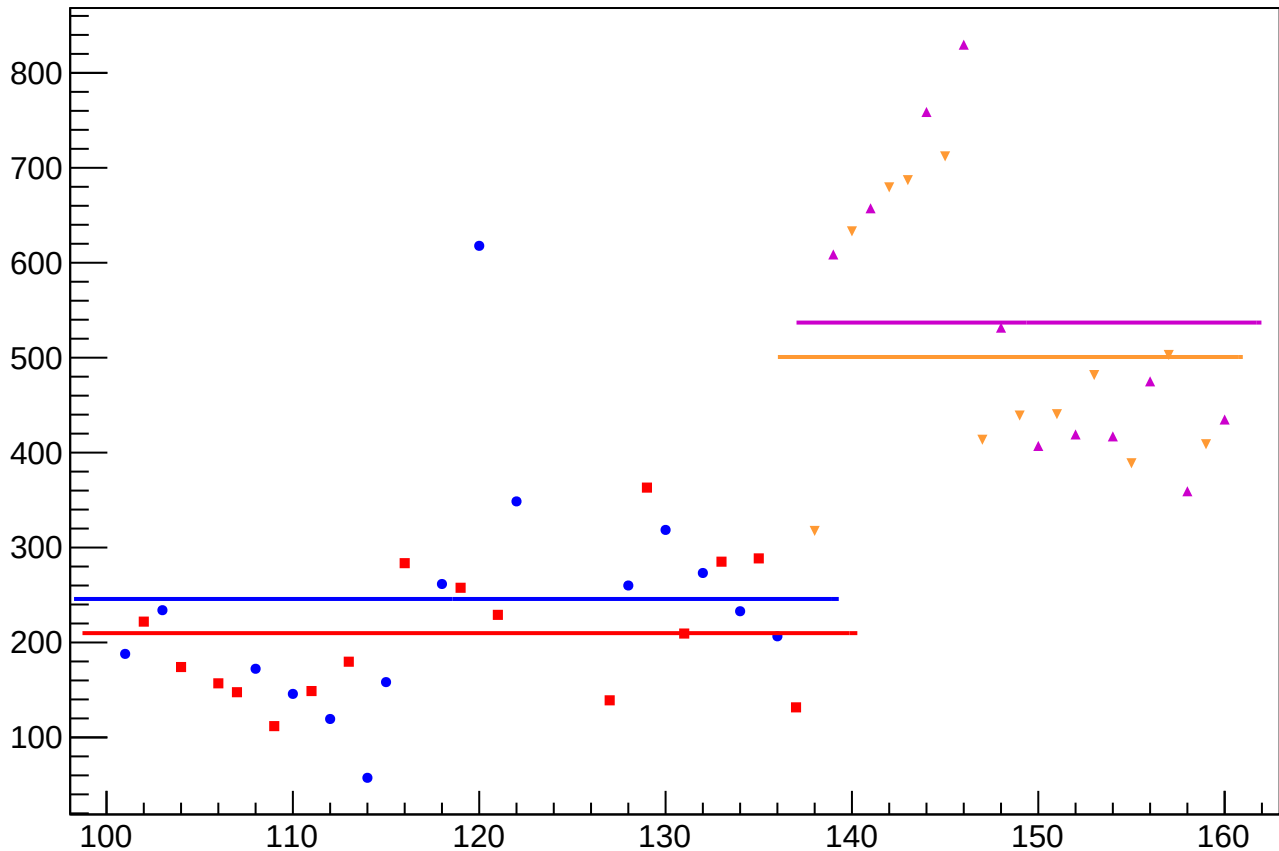
Right In: -12479.653+/-0.000	χ^2/NDF : 41178633231253805317353333973475271901184.0/14
Left Out: -30994.631+/-0.000	χ^2/NDF : 21360802405540775794048943647973709971456.0/11
Right Out: -10238.098+/-0.000	χ^2/NDF : 31227861126159534031961501923223718068224.0/15
Left In: -33603.125+/-0.000	χ^2/NDF : 11377877741280377988076632069746943066112.0/10

+ 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

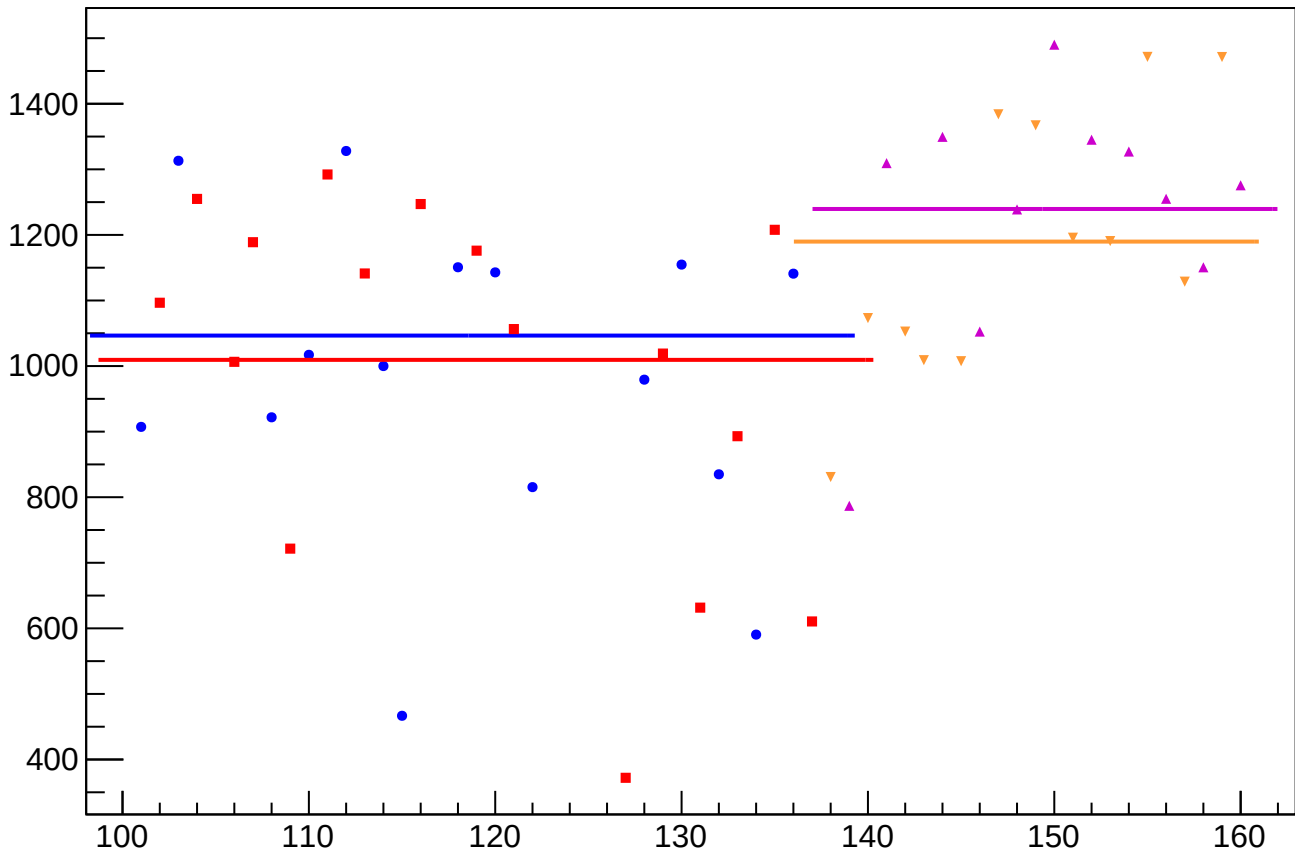
dit_sam6_coil1_err_mean vs Slug



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

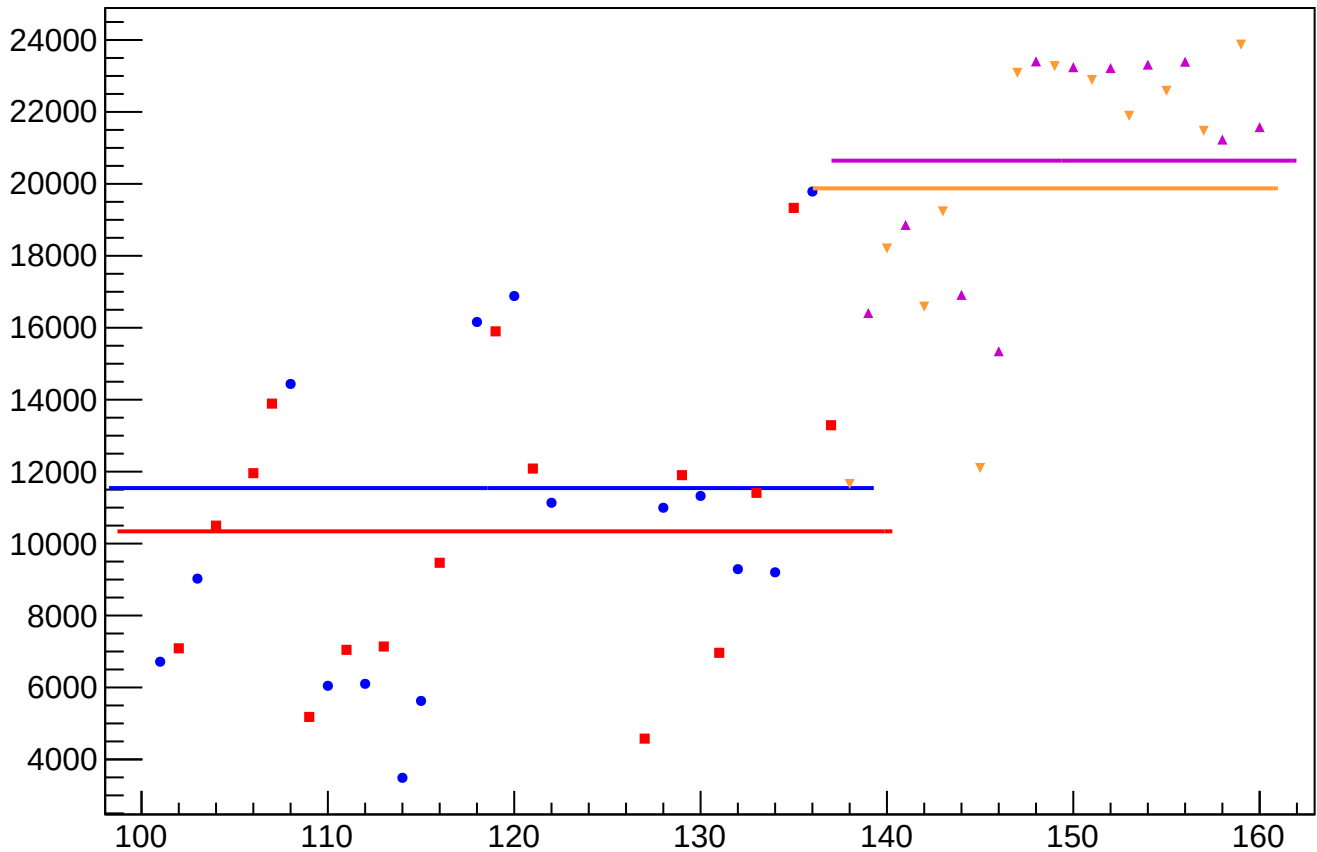
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

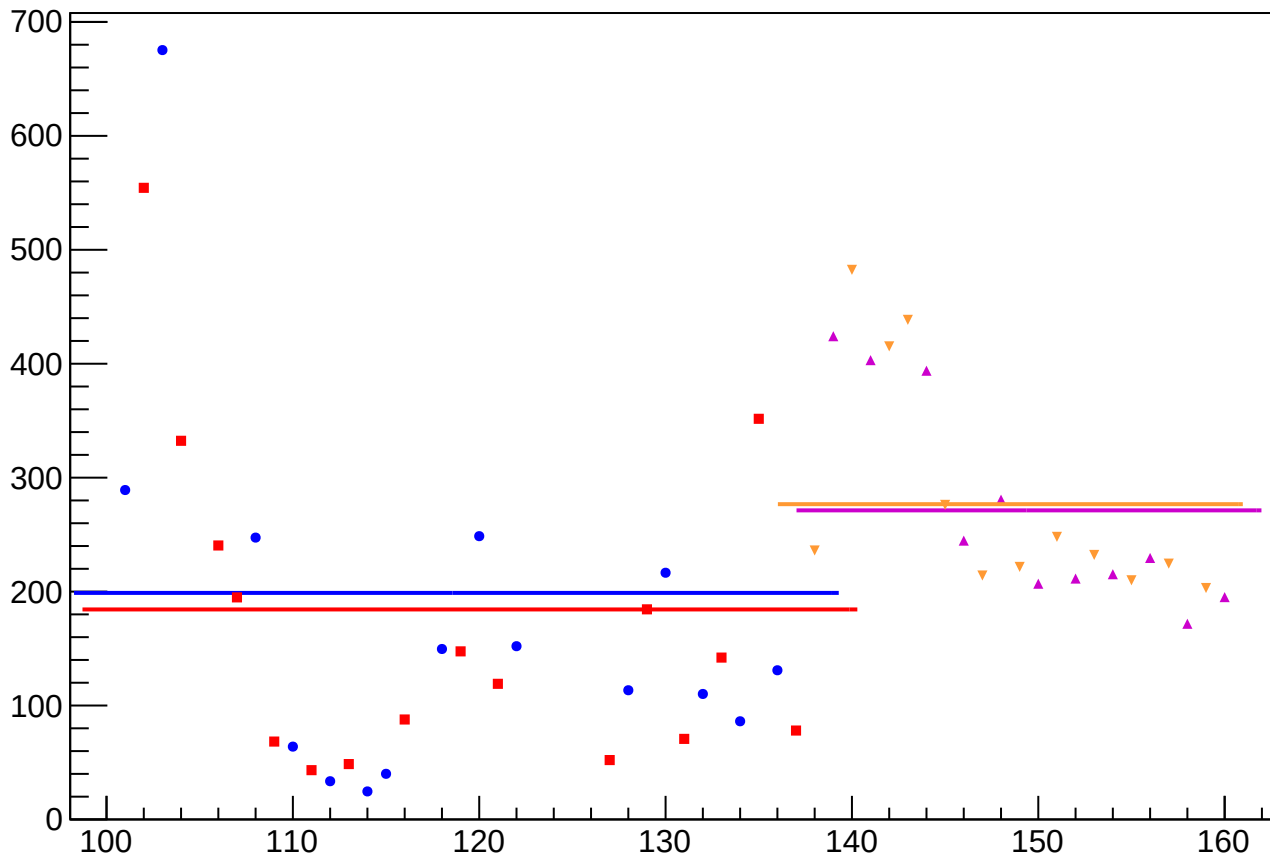
dit_sam7_coil1_mean vs Slug



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

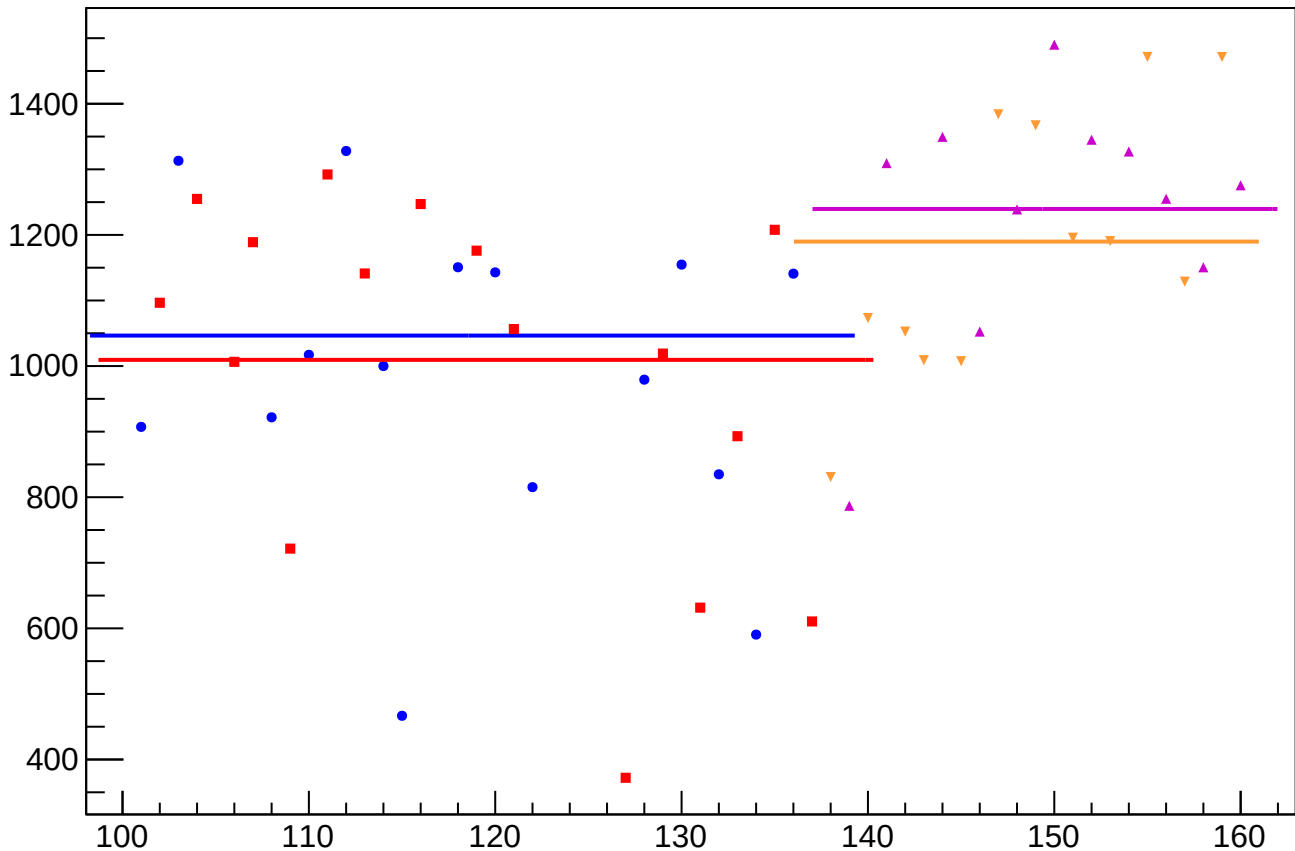
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

+ sign 244.454+/-0.000 χ^2/NDF : 286705297289177

All: 239.606+/-0.000 χ^2/NDF : 53712952906

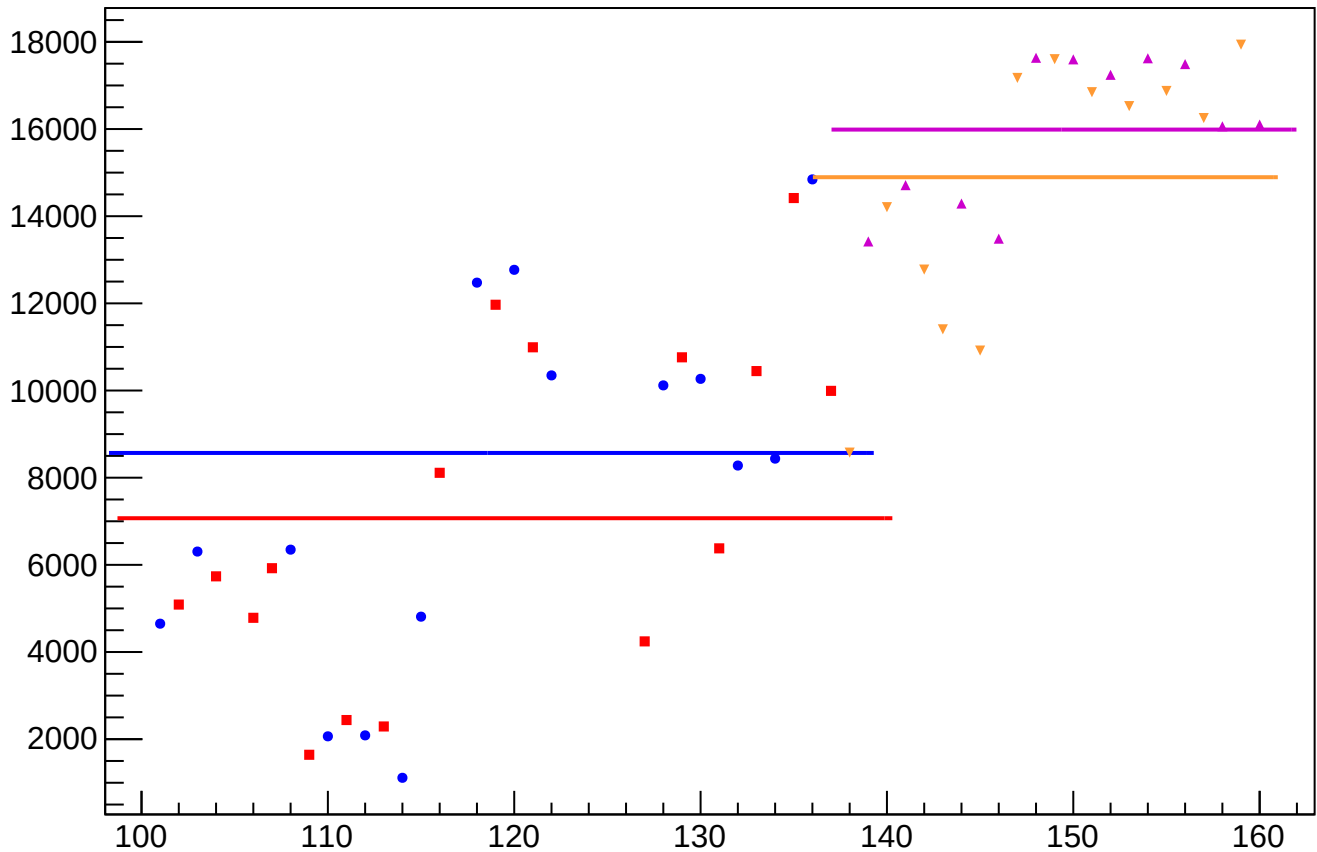
- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

dit_sam7_coil1_Ndata_mean vs Slug



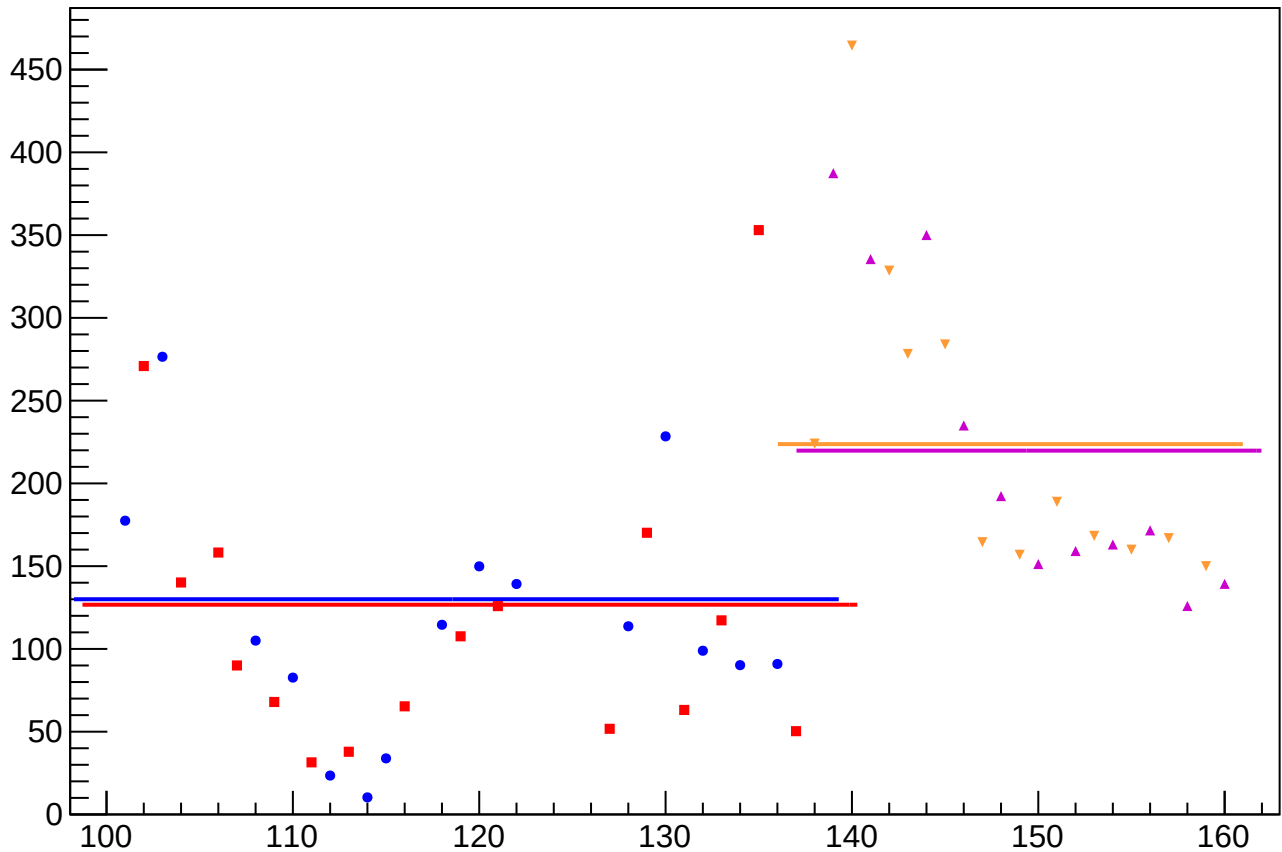
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



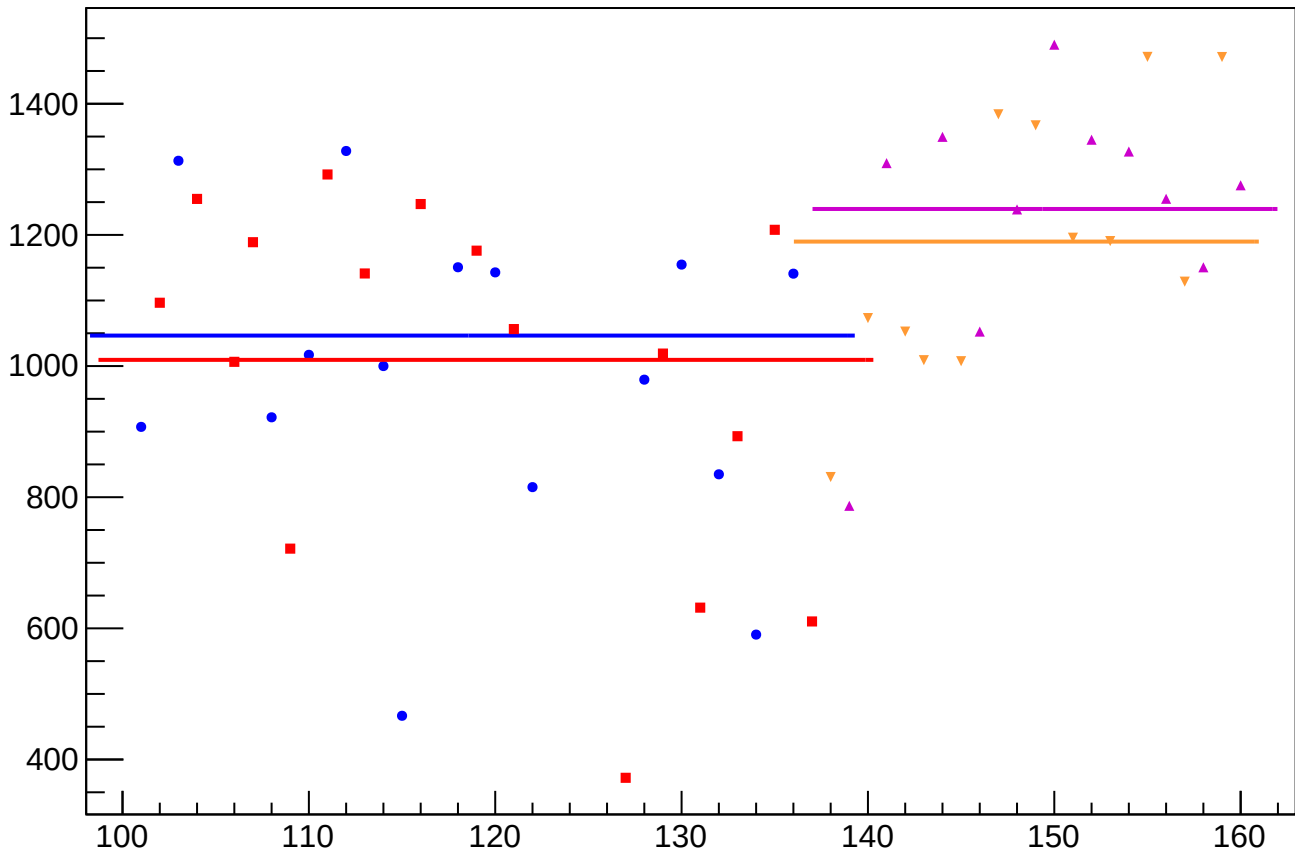
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14894.671+/-0.000 χ^2/NDF : 8196994251162162548782617513195066097664.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



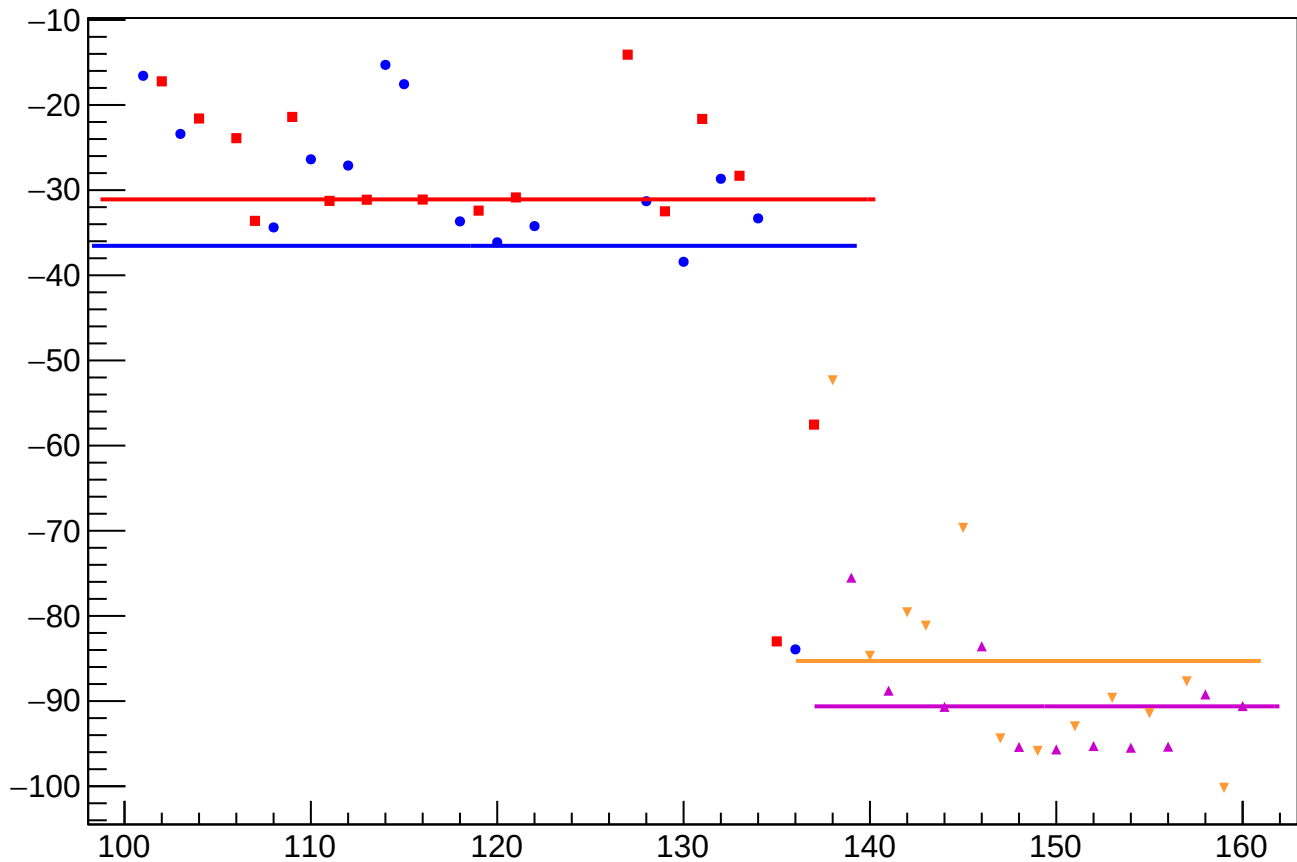
Right In: 130.021+/-0.000	χ^2/NDF : 3115259987552341725946418665378283520.0/14	+ sign 184.890+/-0.000	χ^2/NDF : 142219159421925
Left Out: 223.724+/-0.000	χ^2/NDF : 7769866101258790132911352573971136512.0/11	All: 182.811+/-0.000	χ^2/NDF : 30407074428
Right Out: 126.709+/-0.000	χ^2/NDF : 5397122581297664561308621600668516352.0/15	- 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



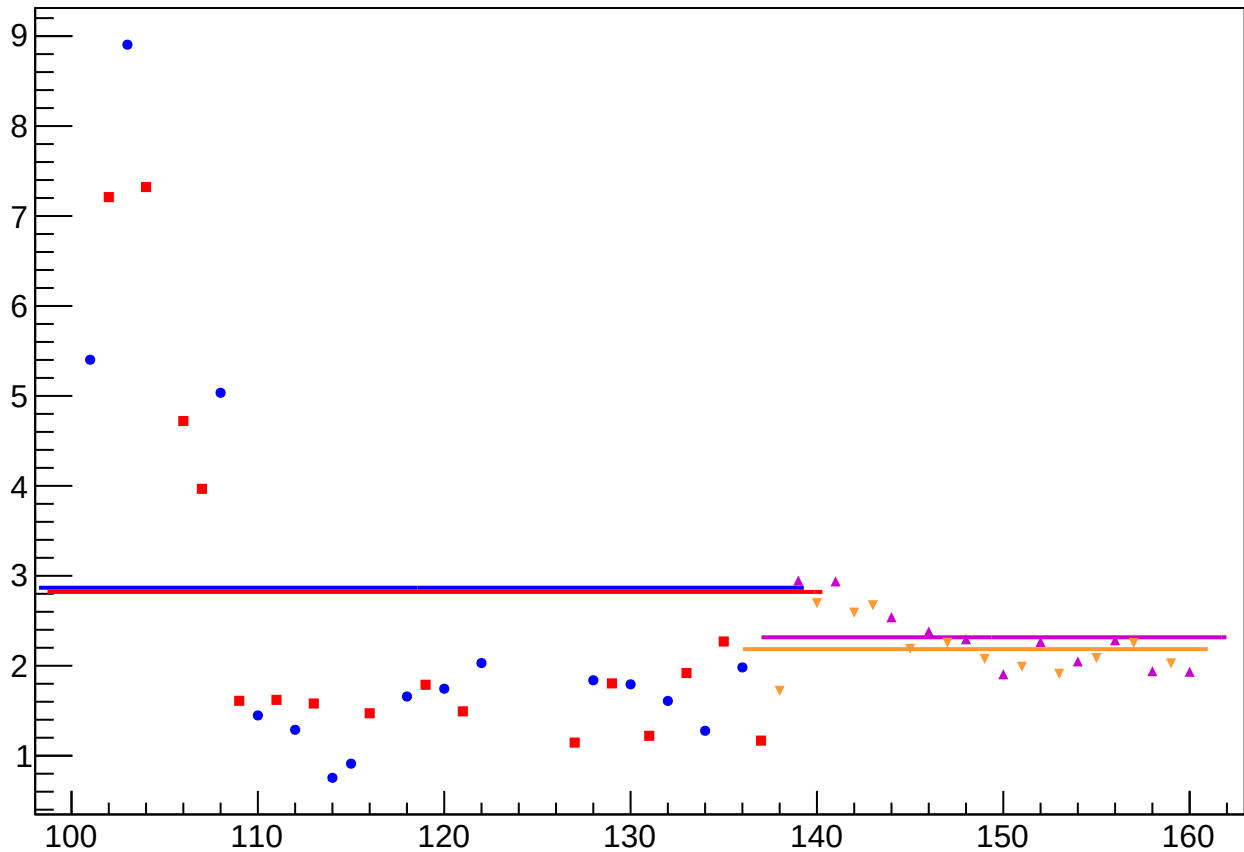
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aX_coil3_mean vs Slug



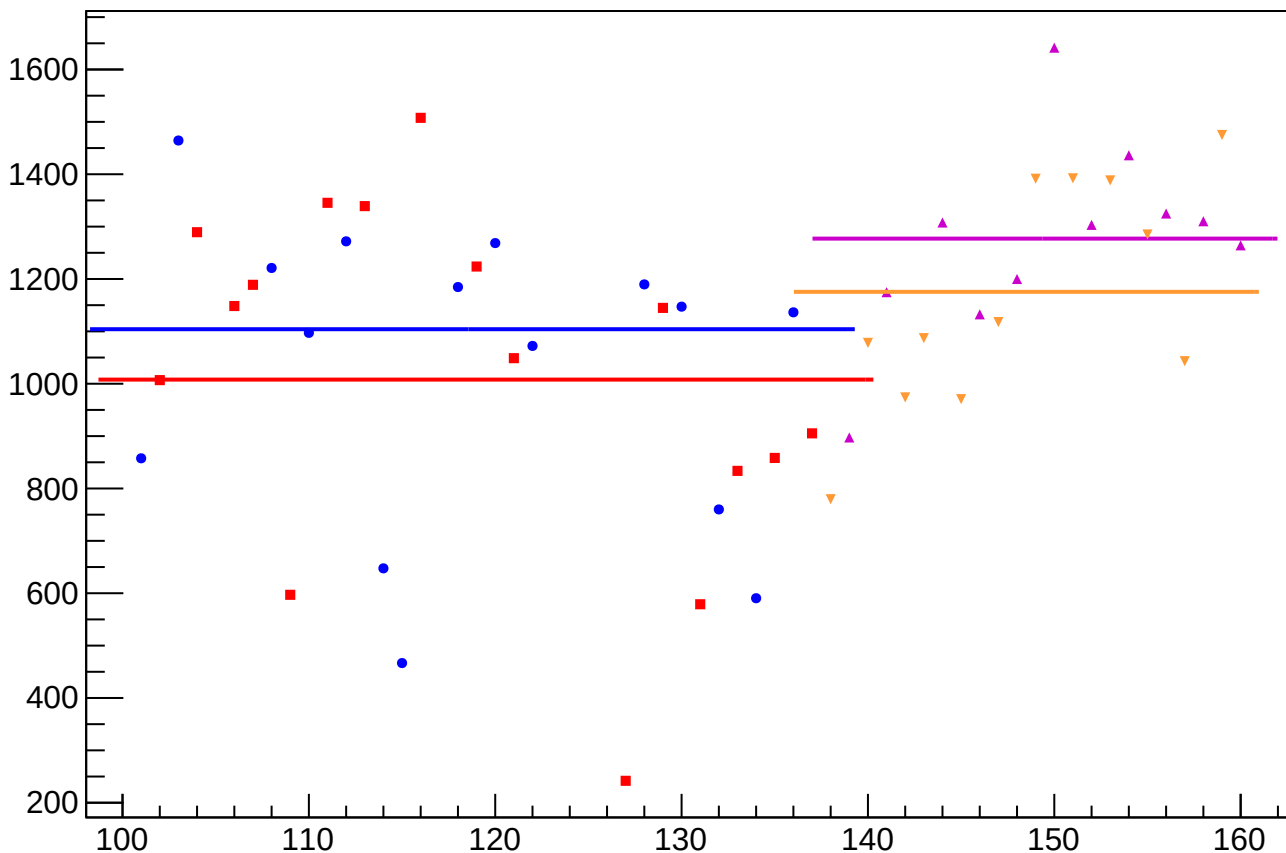
Right In: -36.540 ± 0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14
 Left Out: -85.291 ± 0.000 χ^2/NDF : 150335186575692047525398073172819968.0/11
 Right Out: -31.085 ± 0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15
 Left In: -90.618 ± 0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

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

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

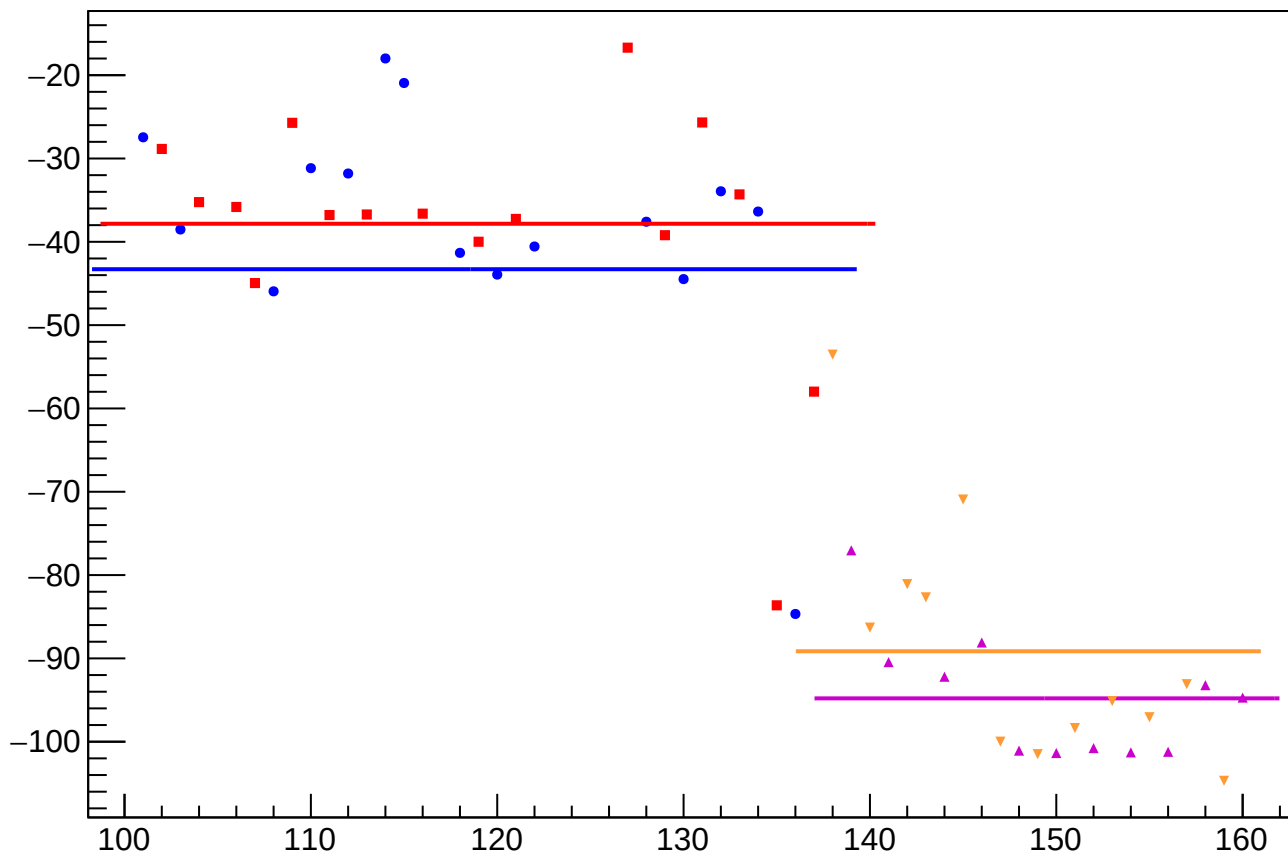
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

All: 1155.145+/-0.000 χ^2/NDF : 20163313284.0/44

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

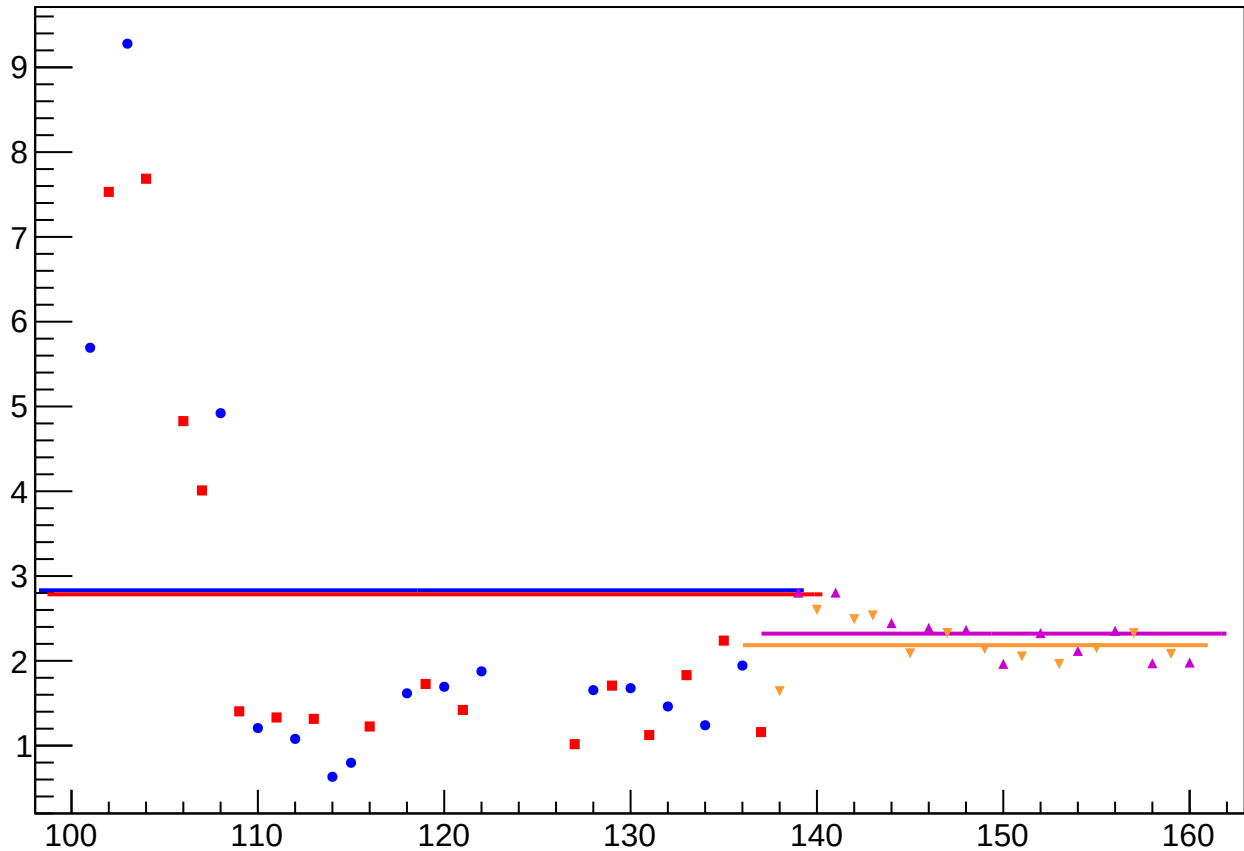
Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

+ sign -70.142+/-0.000 χ^2/NDF : 118785787774979

All: -70.532+/-0.000 χ^2/NDF : 264319706173

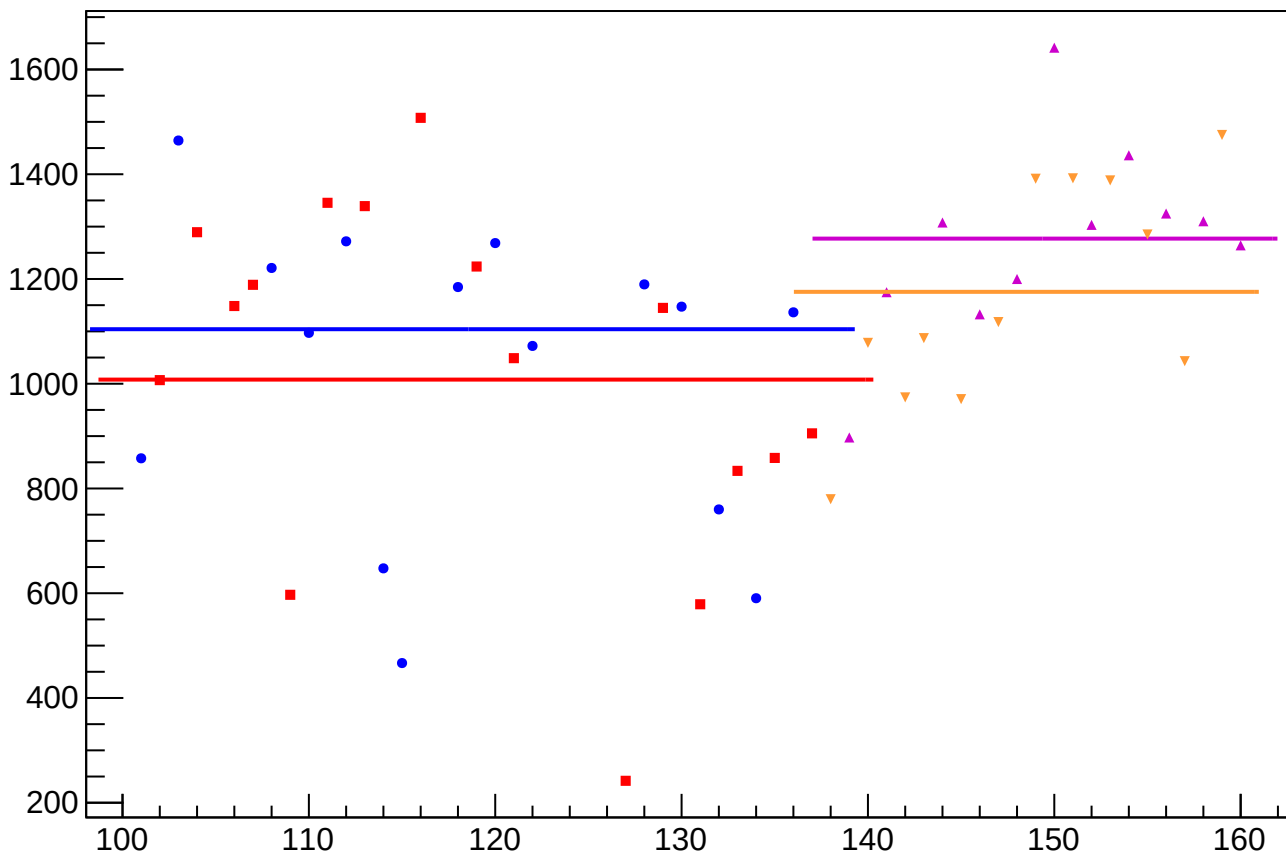
- sign -70.917+/-0.000 χ^2/NDF : 1454865139874700

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

dit_4eX_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

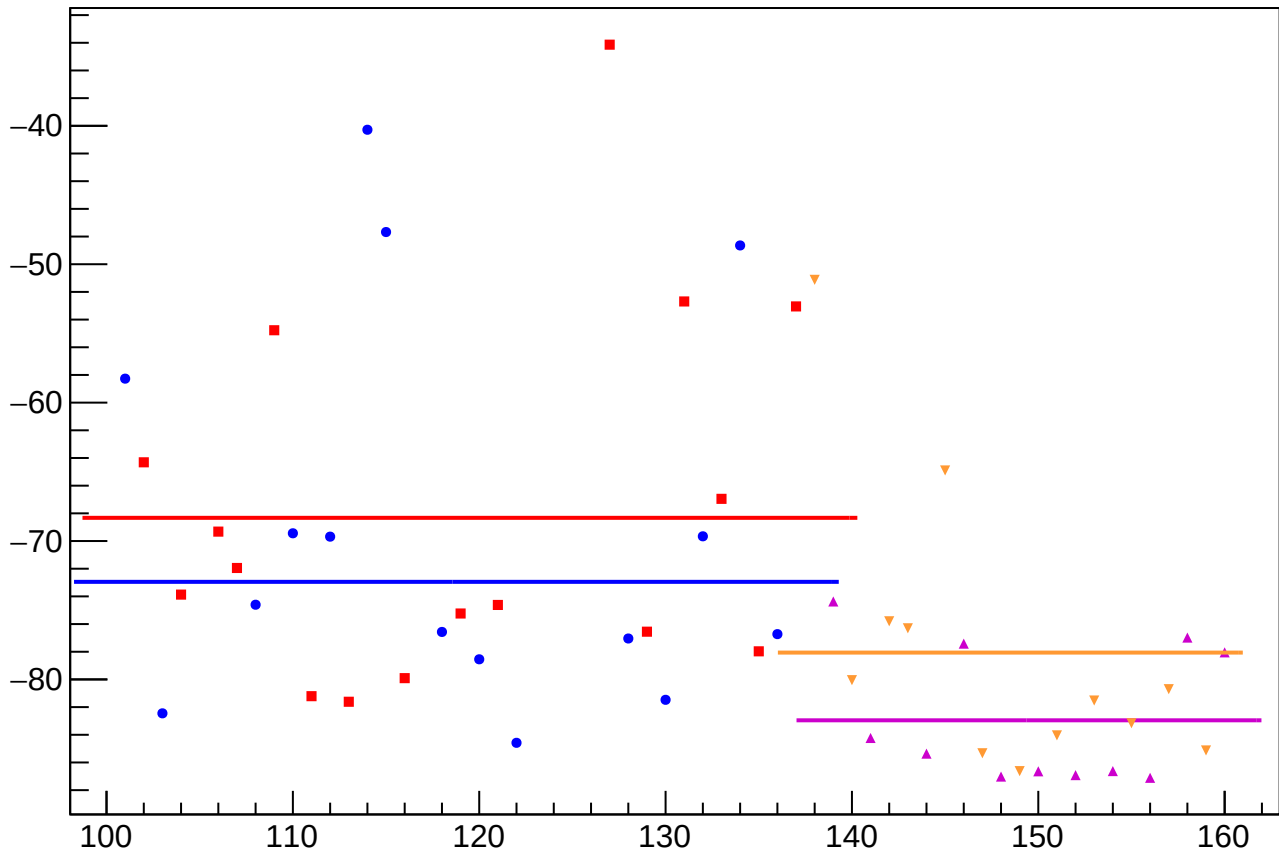
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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_11X12X_coil3_mean vs Slug



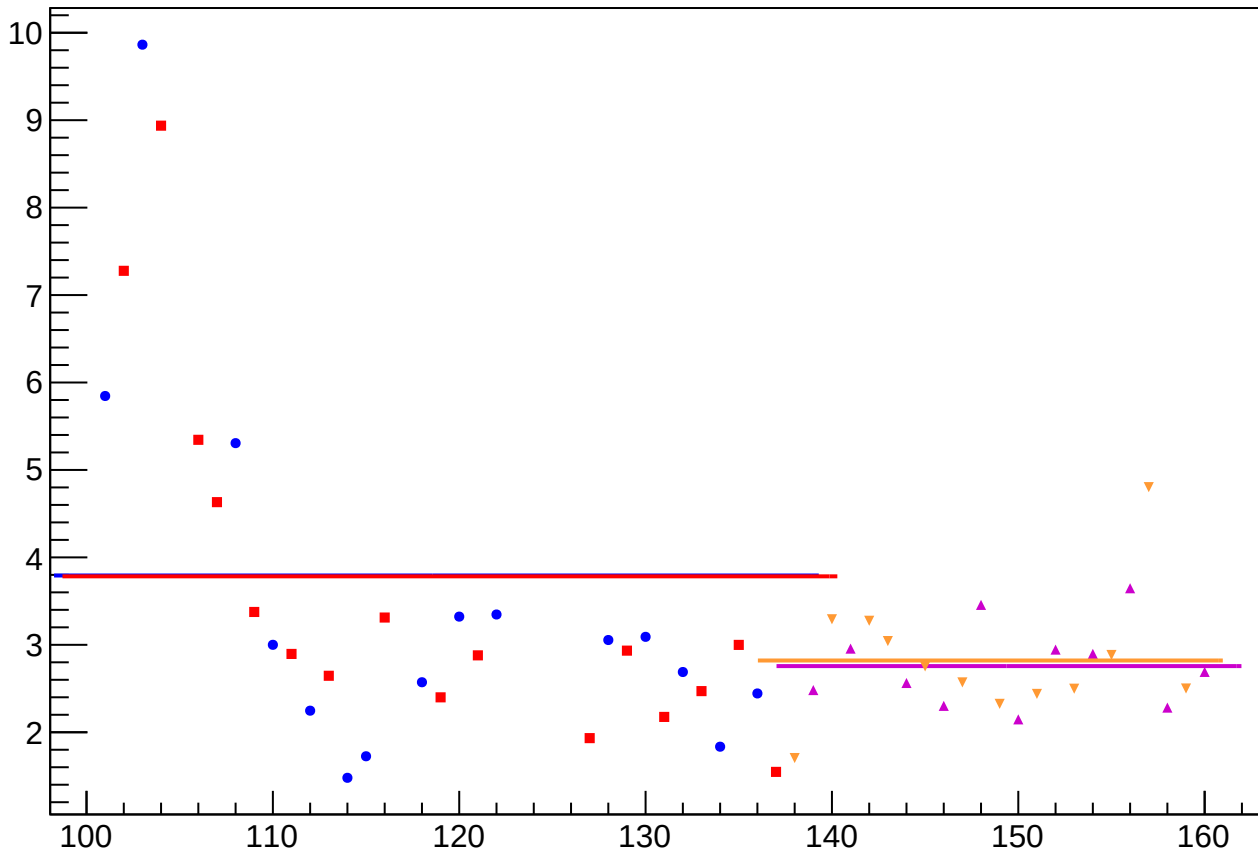
Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

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



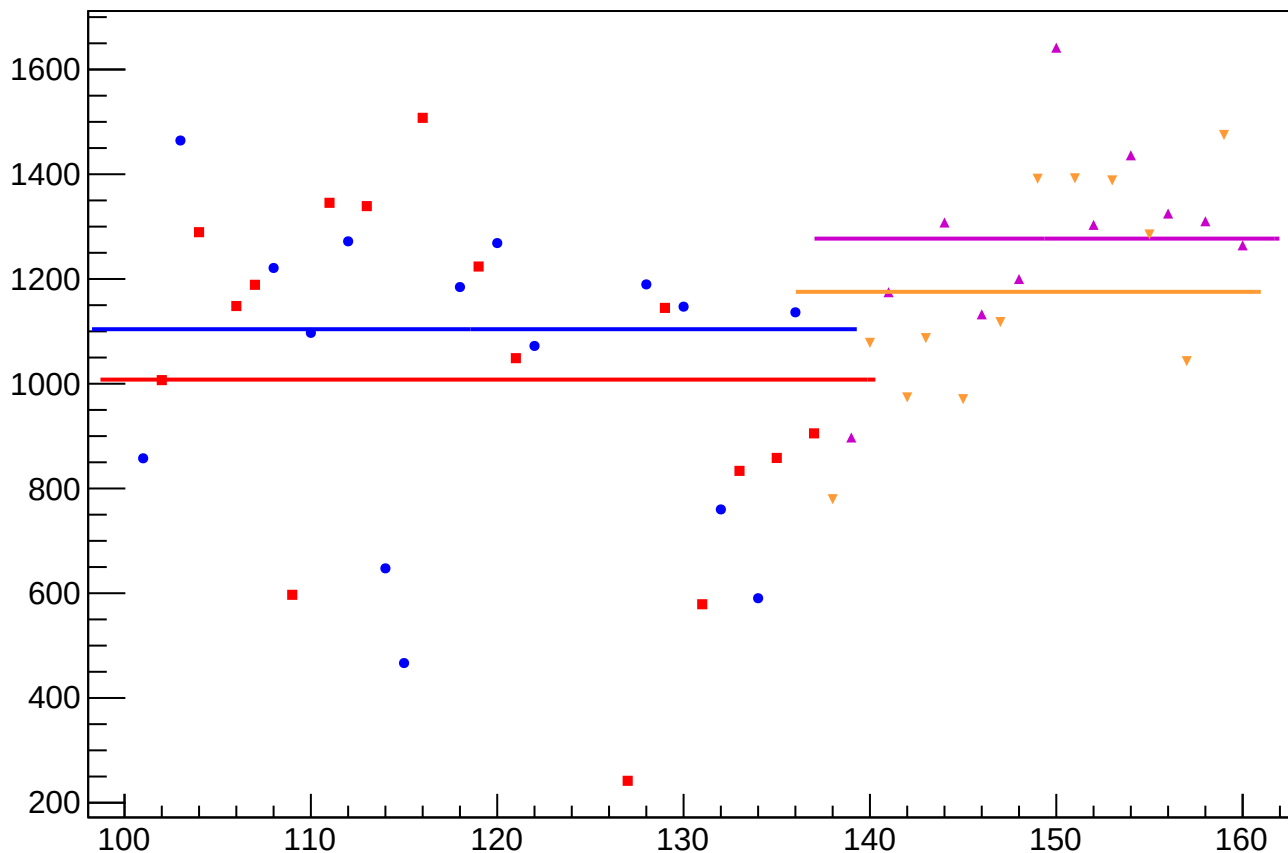
Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14

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

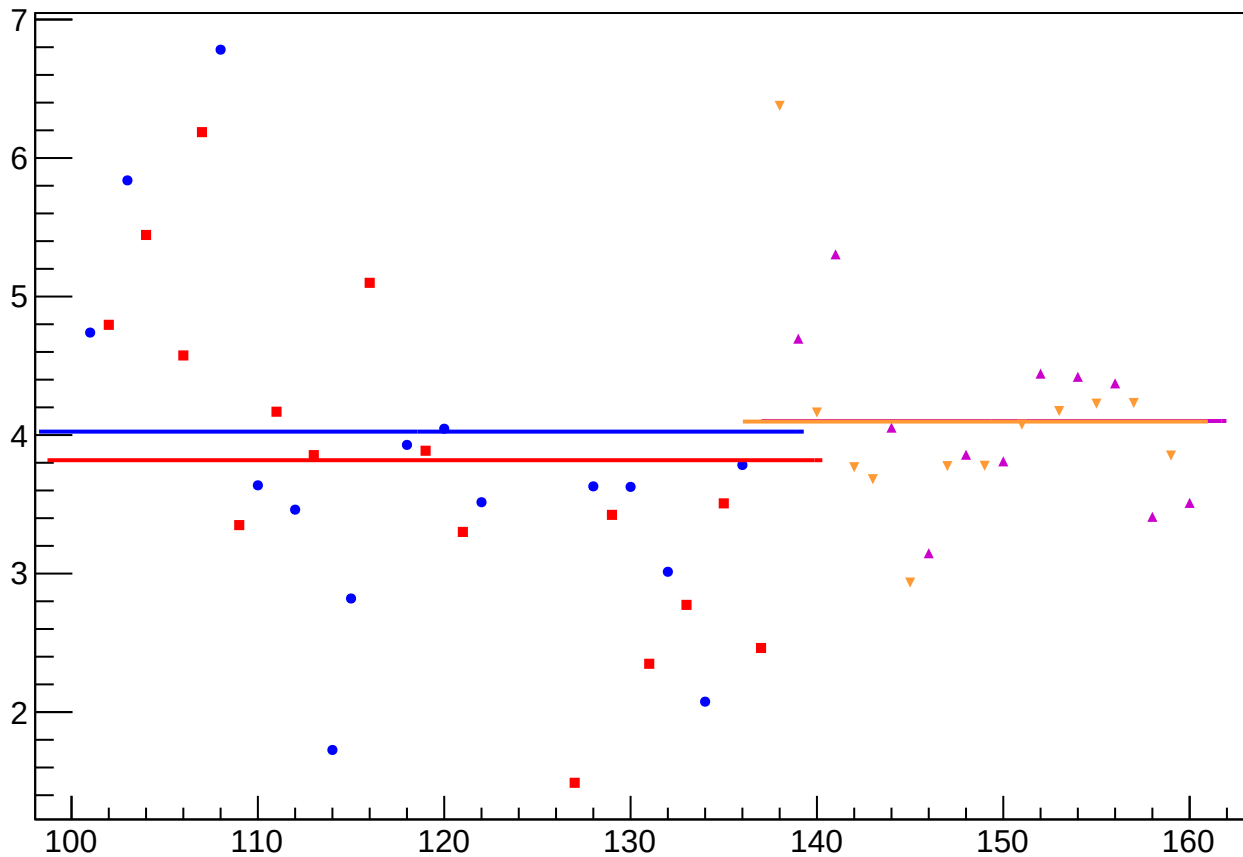
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

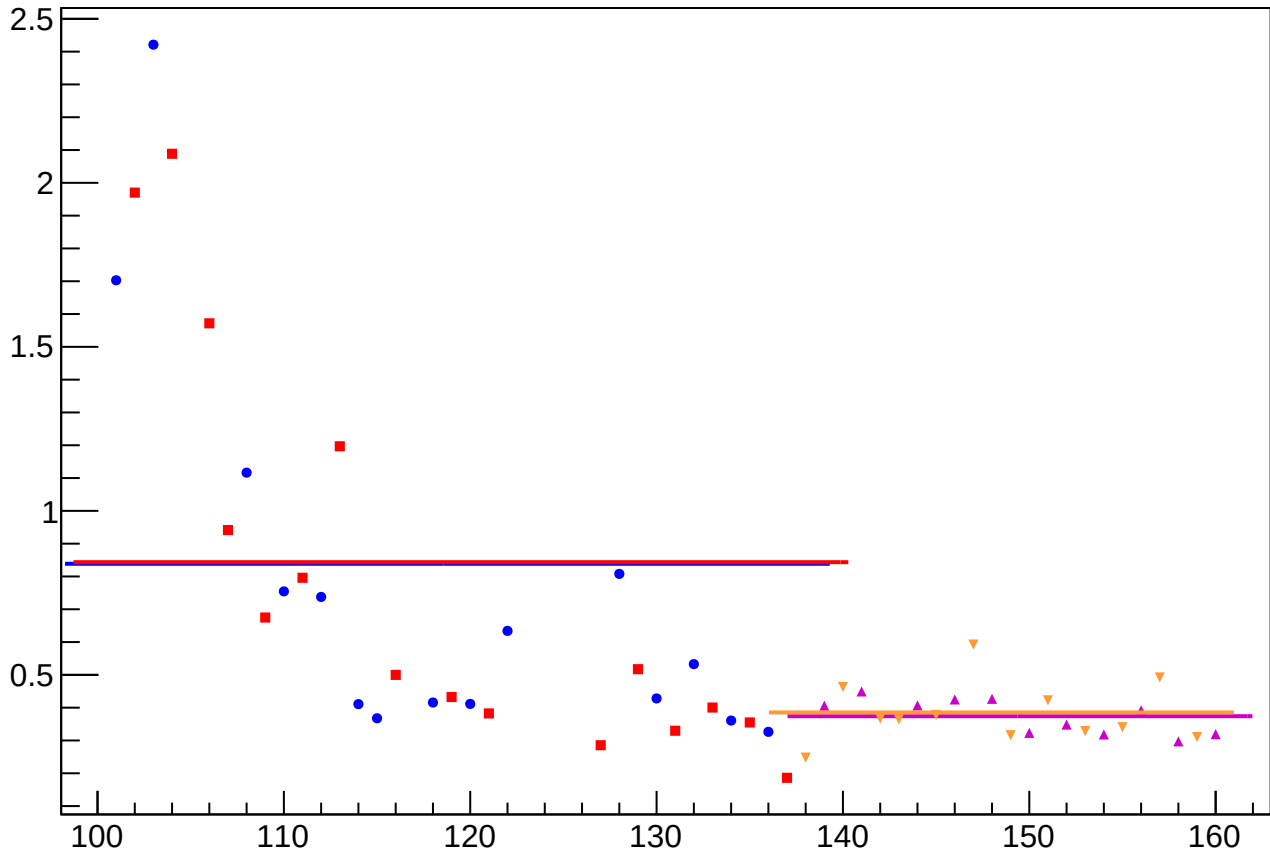
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ sign 4.067+/-0.000 χ^2/NDF : 13273278579594570

All: 4.025+/-0.000 χ^2/NDF : 25822220881669

- sign 3.983+/-0.000 χ^2/NDF : 12492685976346881

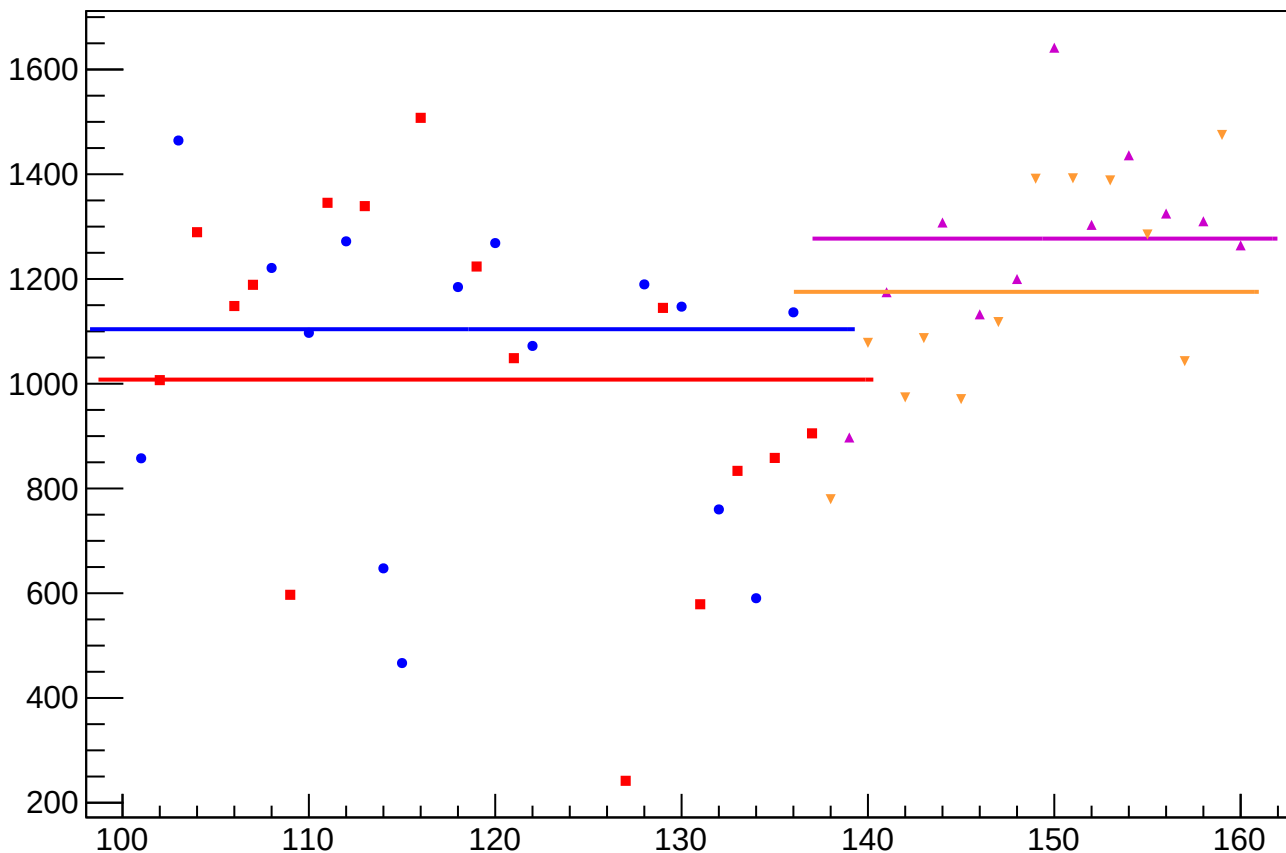
dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 $\pm$ 0.000 χ^2 /NDF: 258416025334615661521163083841536.0/14
 Left Out: 0.385 $\pm$ 0.000 χ^2 /NDF: 7658632015844553503510259302400.0/11
 Right Out: 0.844 $\pm$ 0.000 χ^2 /NDF: 252917509393432760240648918925312.0/15
 Left In: 0.374 $\pm$ 0.000 χ^2 /NDF: 2408191855928929204652403064832.0/10

+ sign 0.573 $\pm$ 0.000 χ^2 /NDF: 34415581101332189
 All: 0.572 $\pm$ 0.000 χ^2 /NDF: 6848875460456
 - sign 0.571 $\pm$ 0.000 χ^2 /NDF: 34072705828258961

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

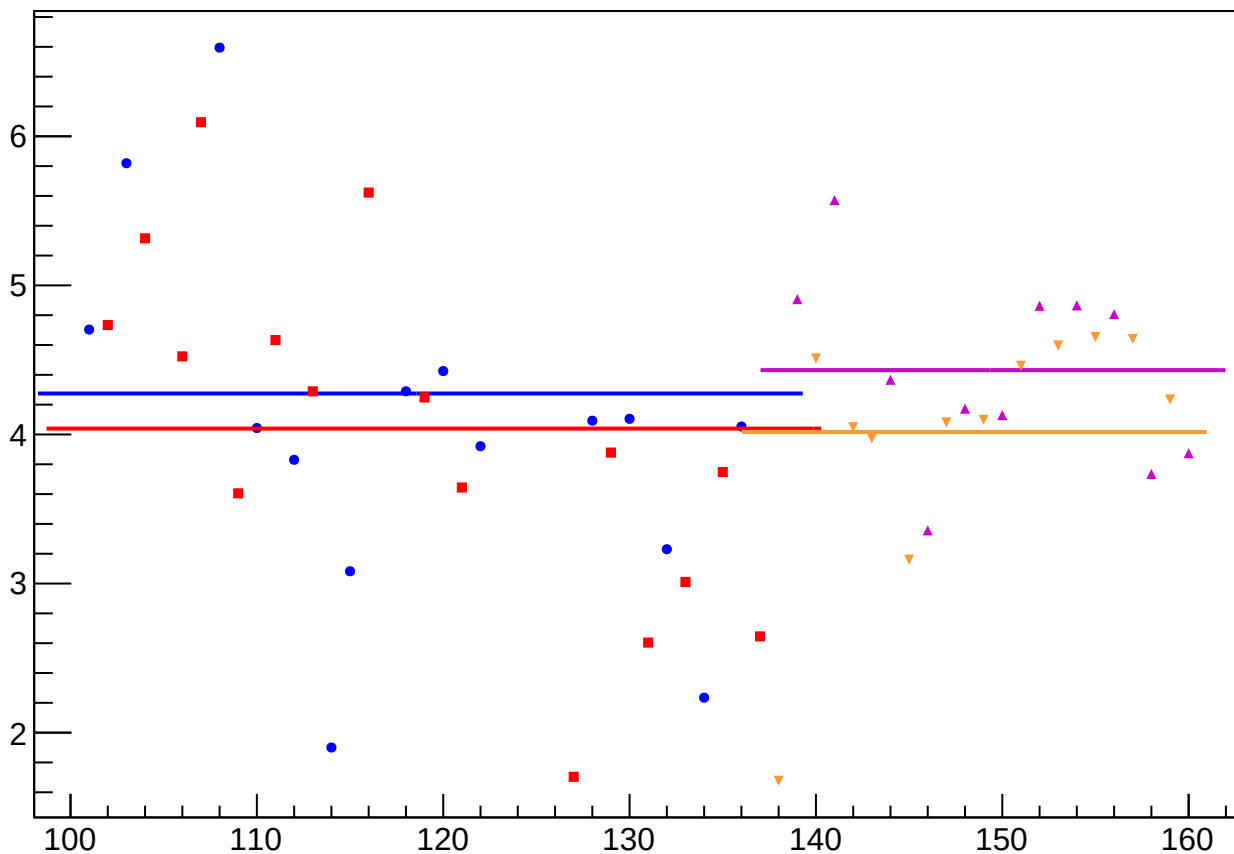
All: 1155.145+/-0.000 χ^2/NDF : 20163313284

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_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

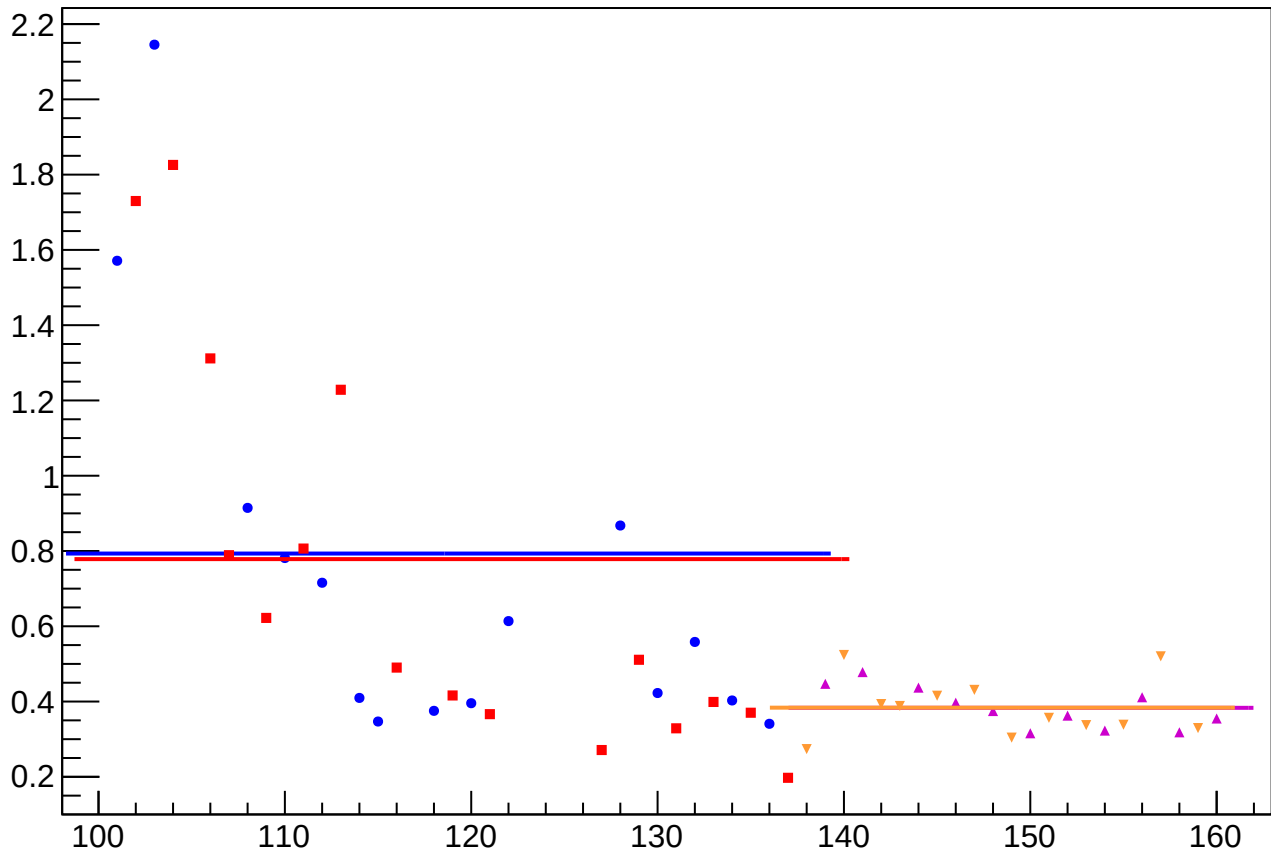
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ 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

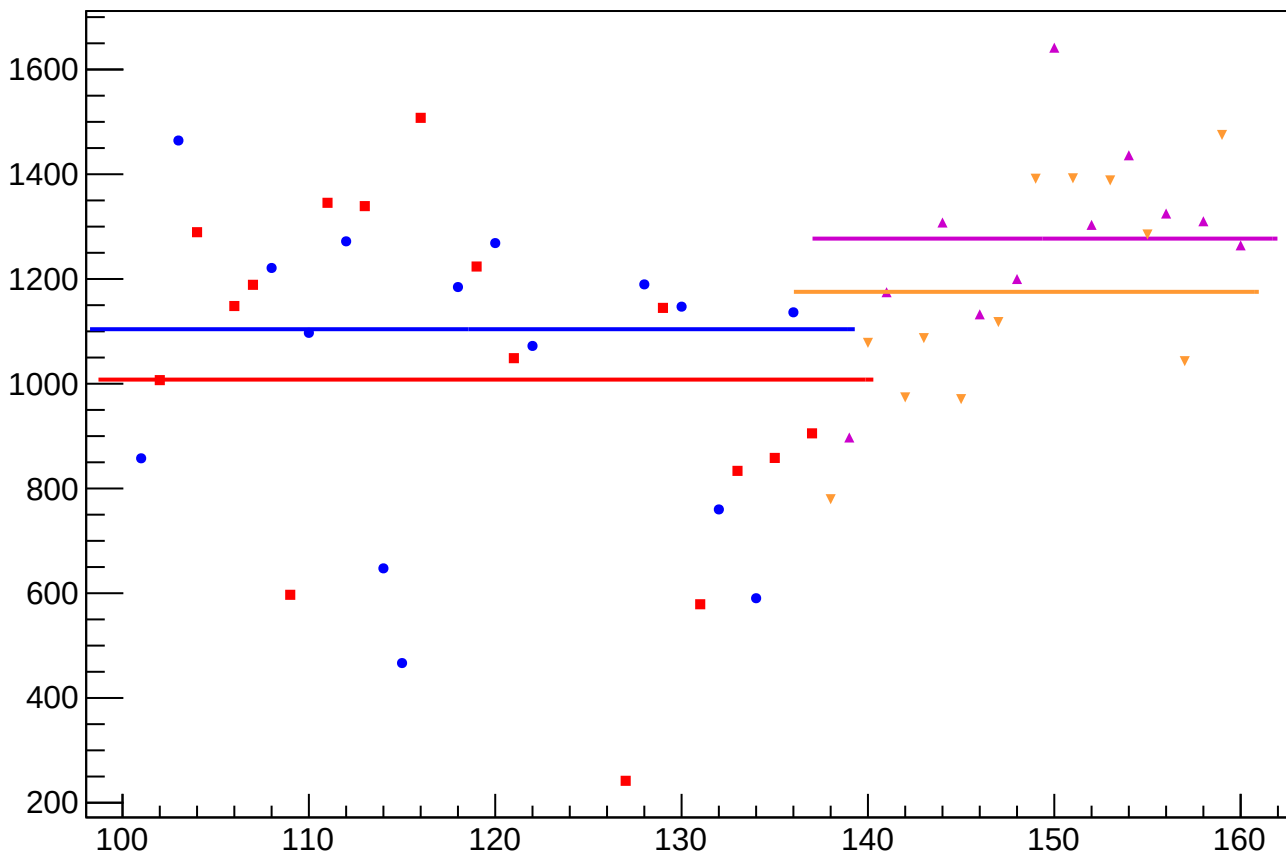
Left In: 0.383 $\pm$ 0.000 χ^2 /NDF: 2618375268437967875049691021312.0/10

+ 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

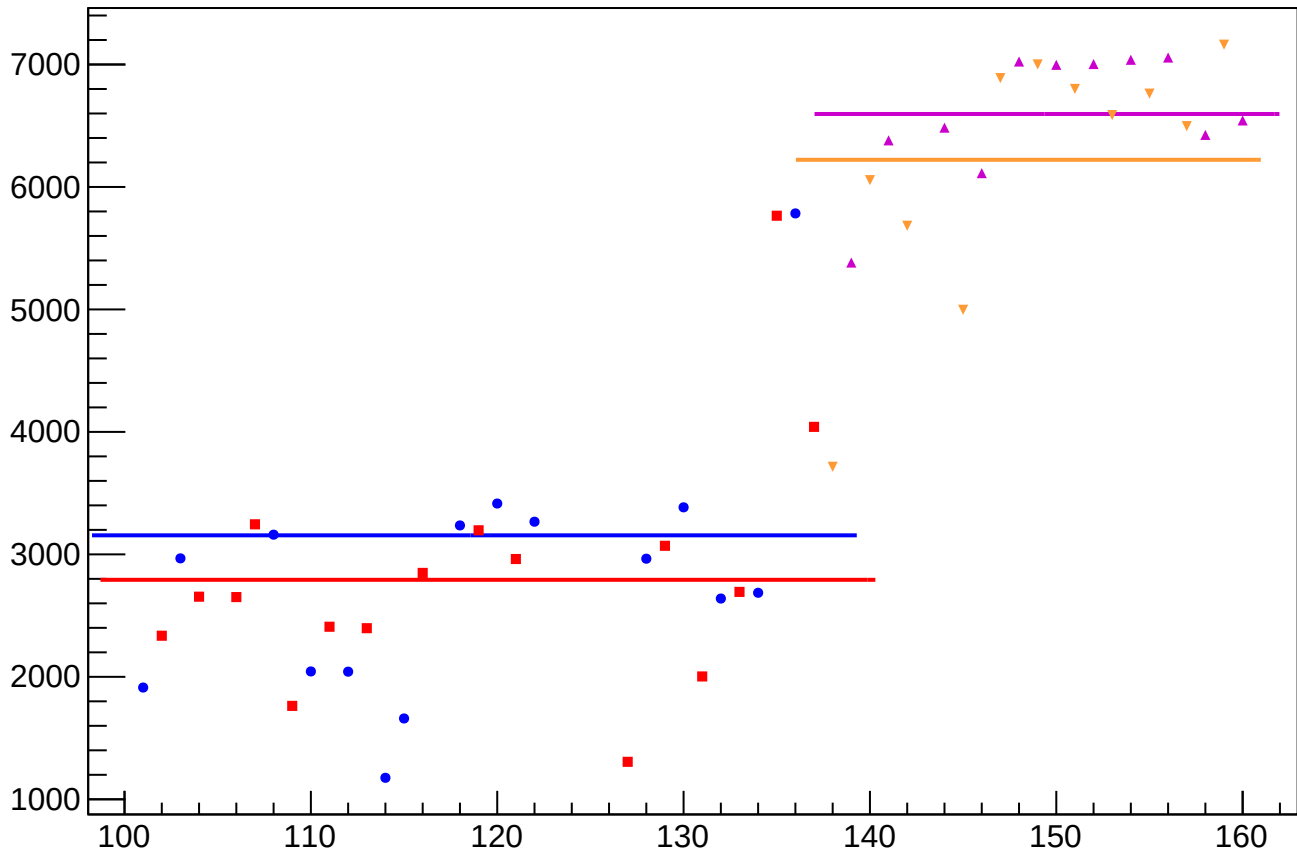
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

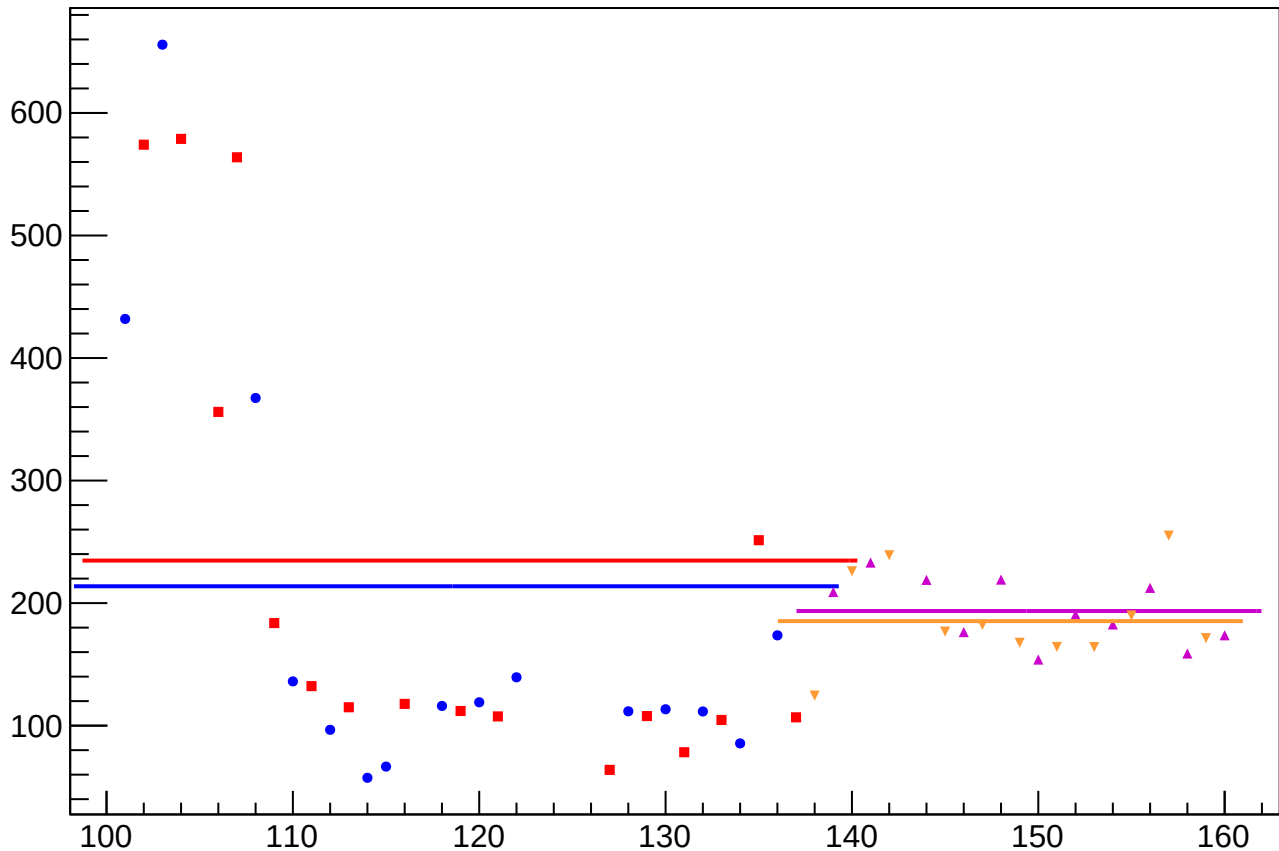
All: 1155.145+/-0.000 χ^2/NDF : 20163313284.0/30

dit_usl_coil3_mean vs Slug



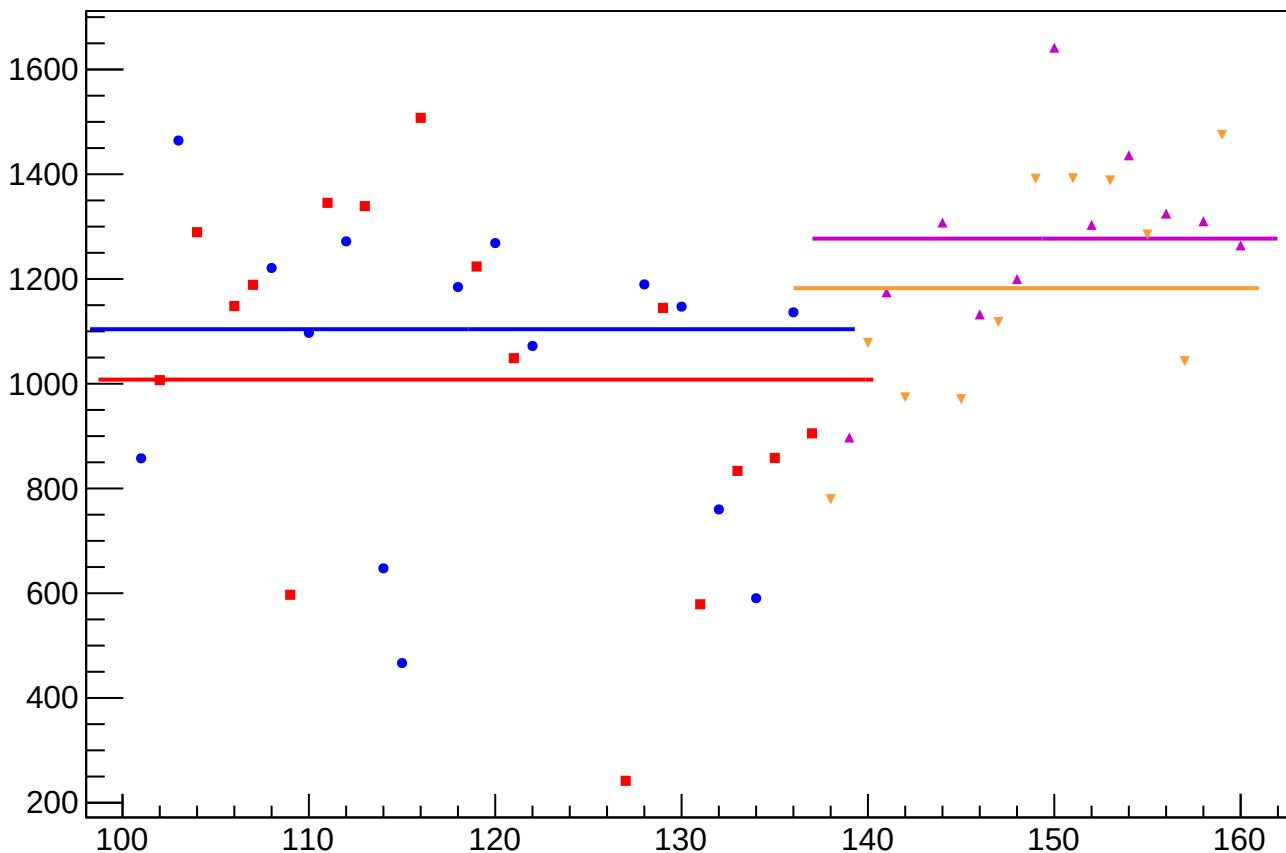
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6221.938+/-0.000 χ^2/NDF : 849977473152285312907595623686819807232.0/10
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6595.861+/-0.000 χ^2/NDF : 225164805715400368671043826745864093696.0/10

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

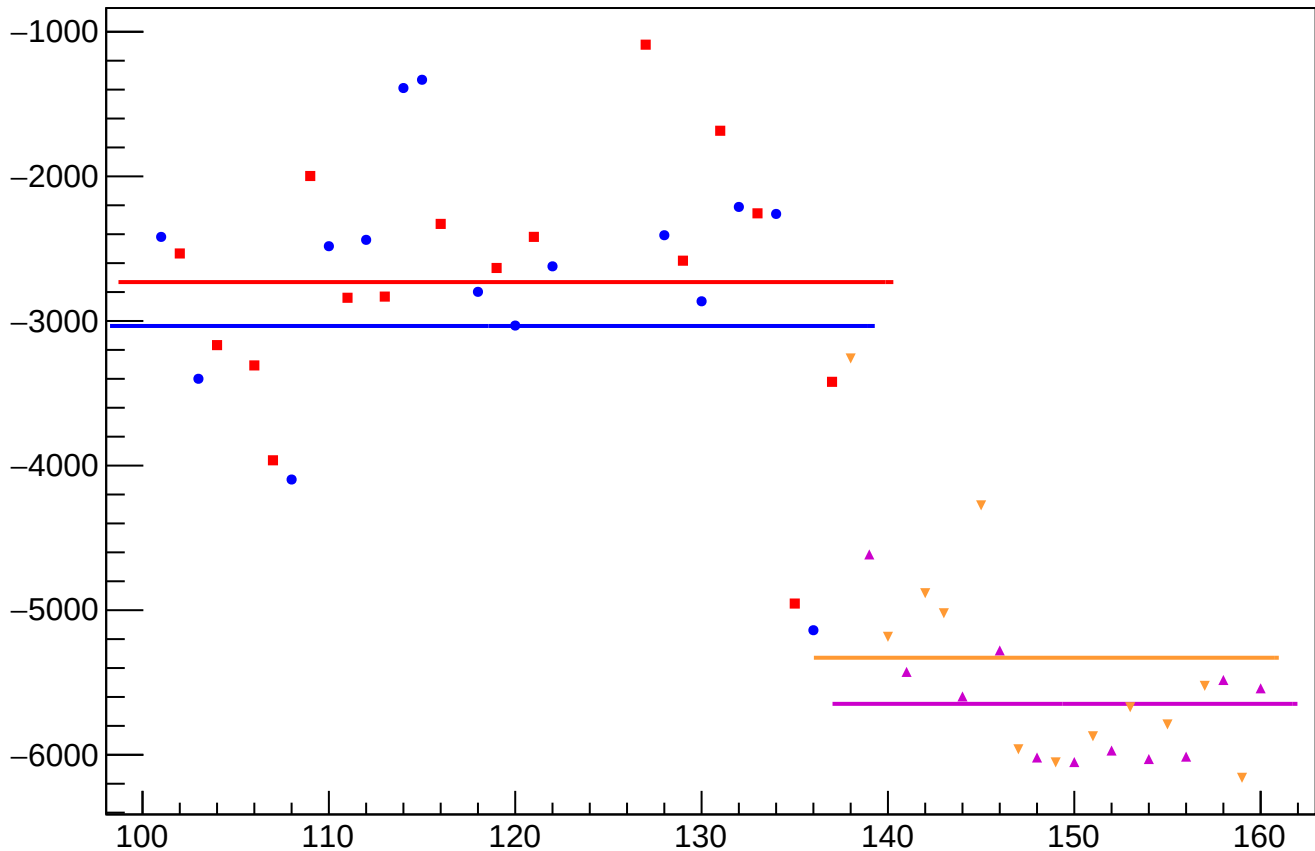
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.531+/-0.000 χ^2/NDF : 74398081441071

All: 1156.621+/-0.000 χ^2/NDF : 20131581499

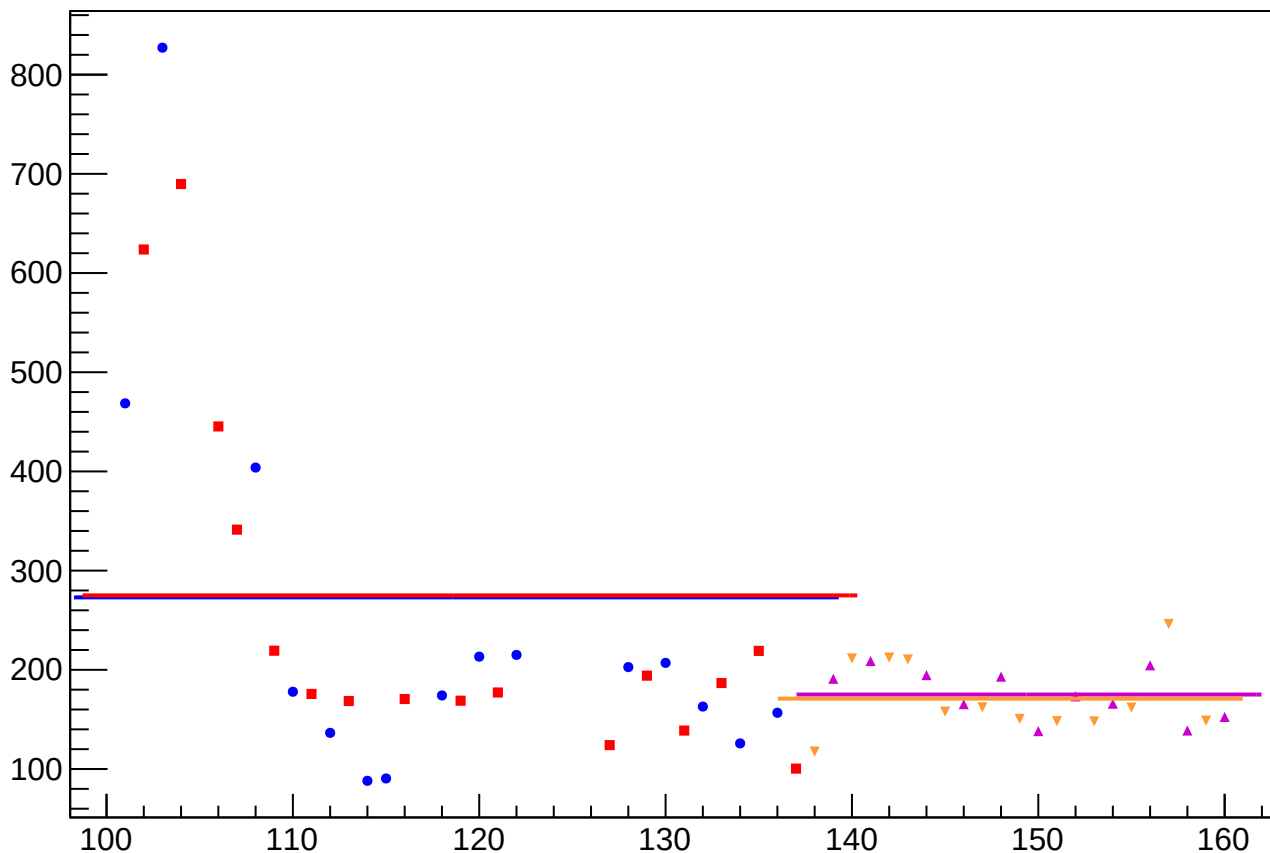
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

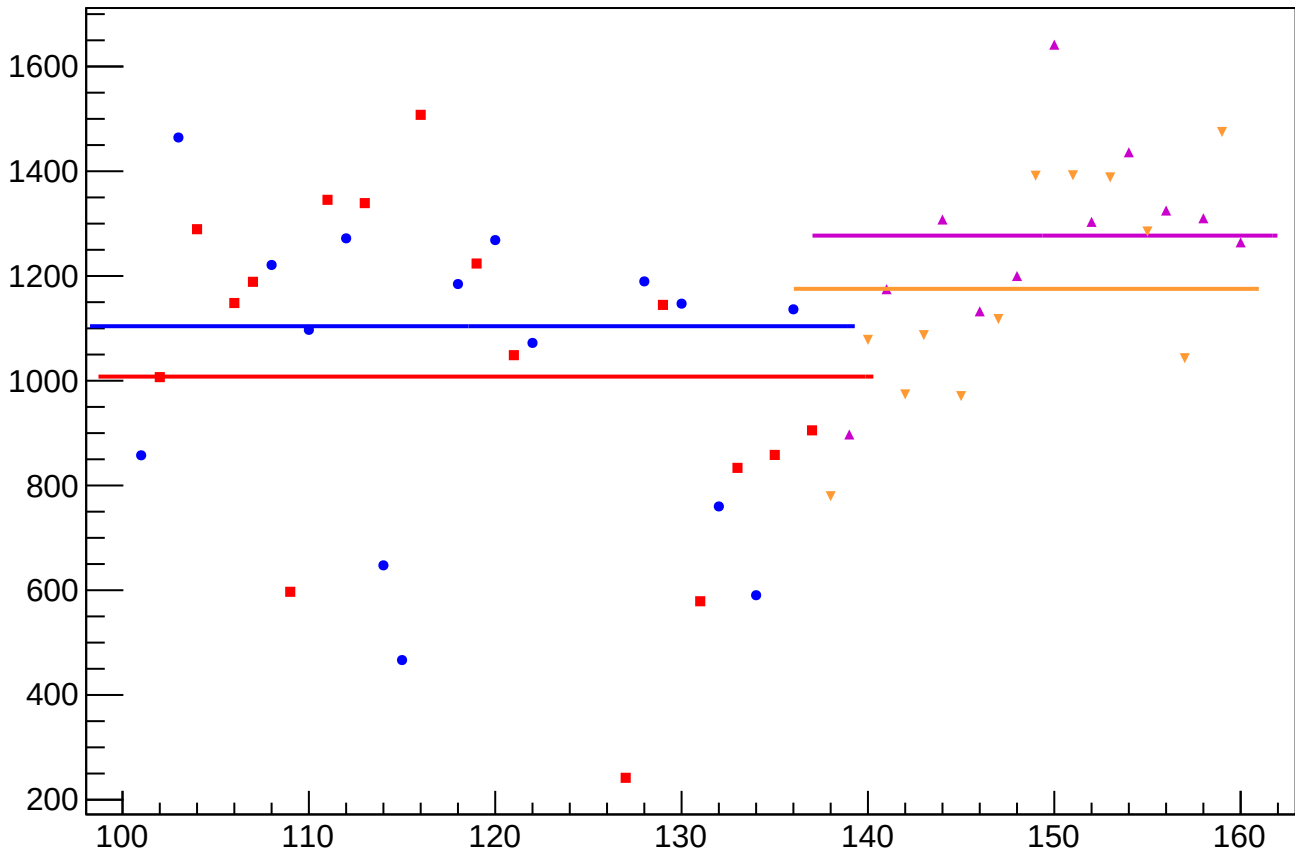
Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10

+ 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

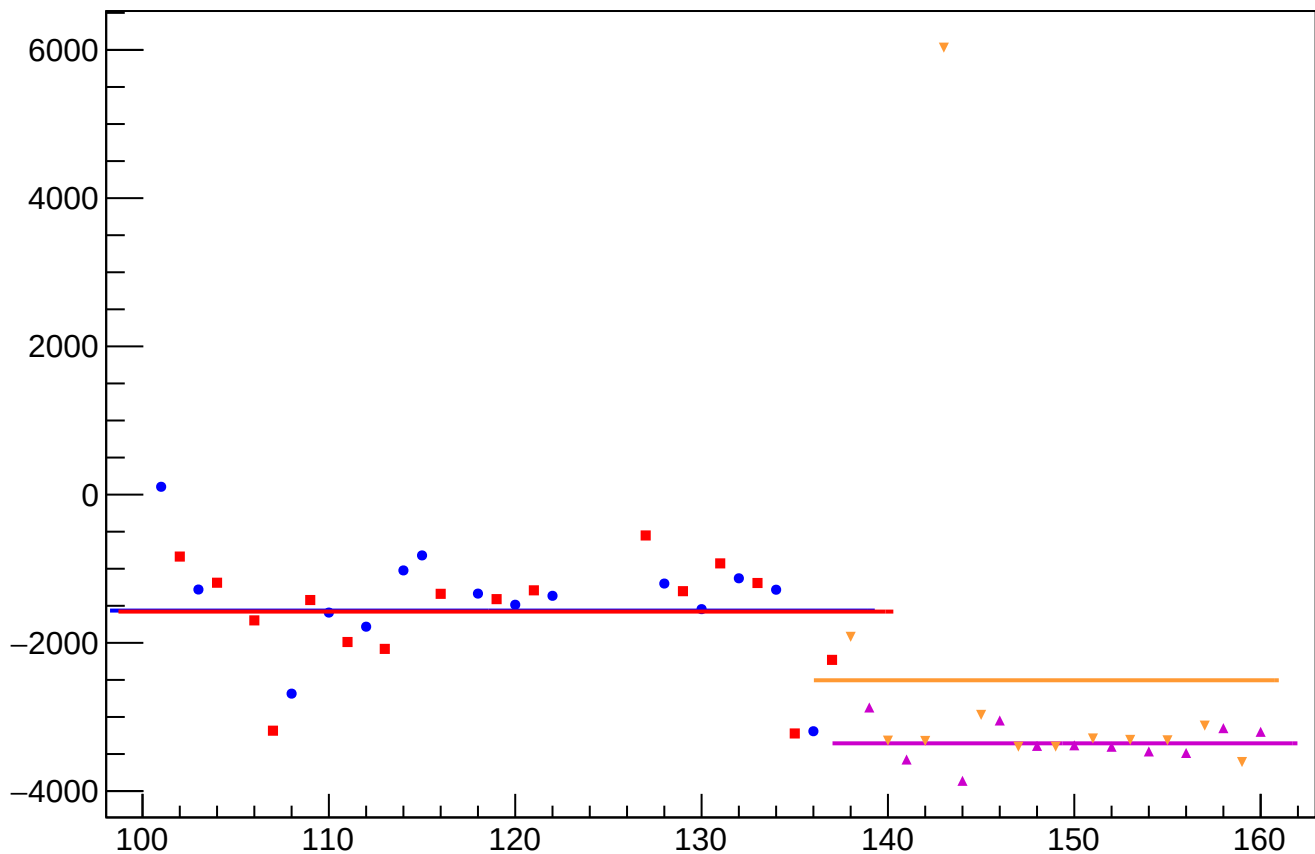
dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-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

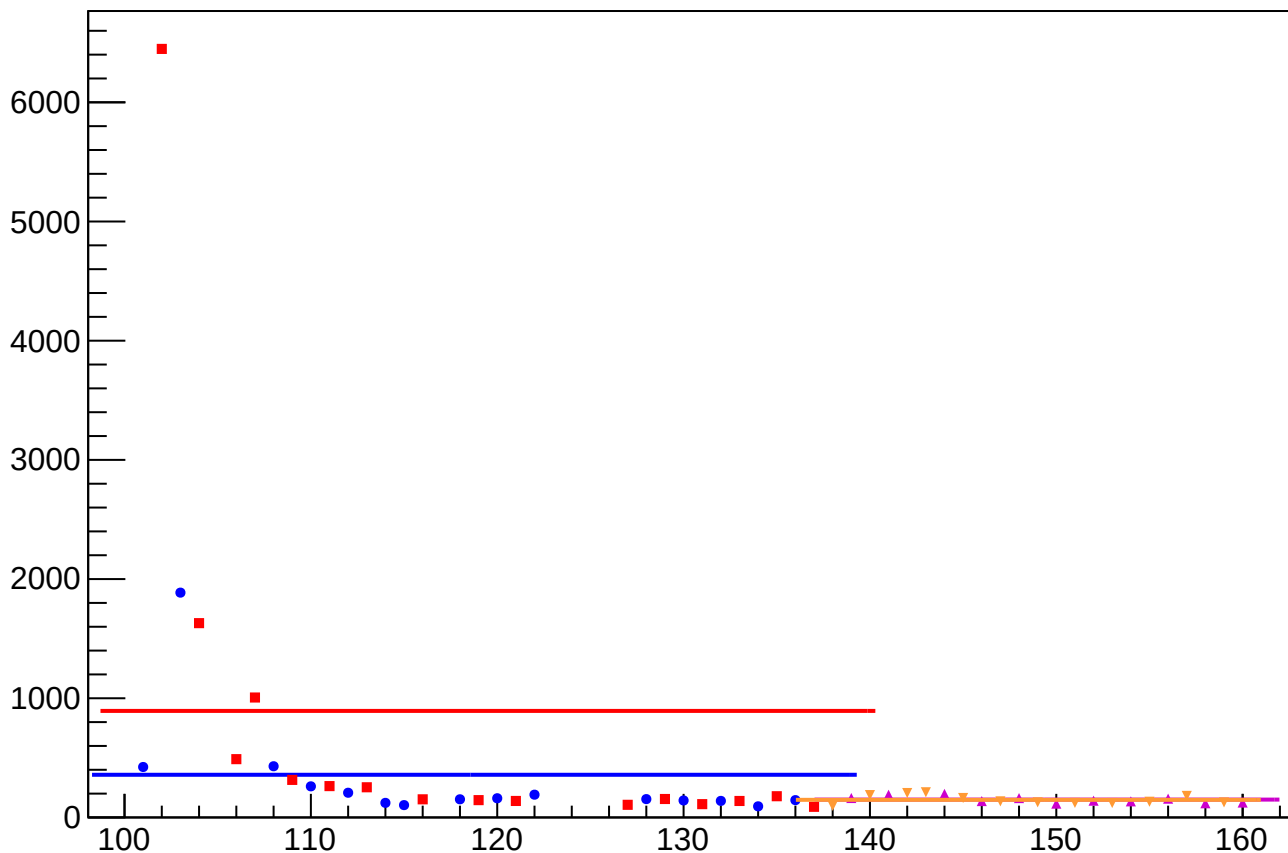
dit_atl1_coil3_mean vs Slug



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

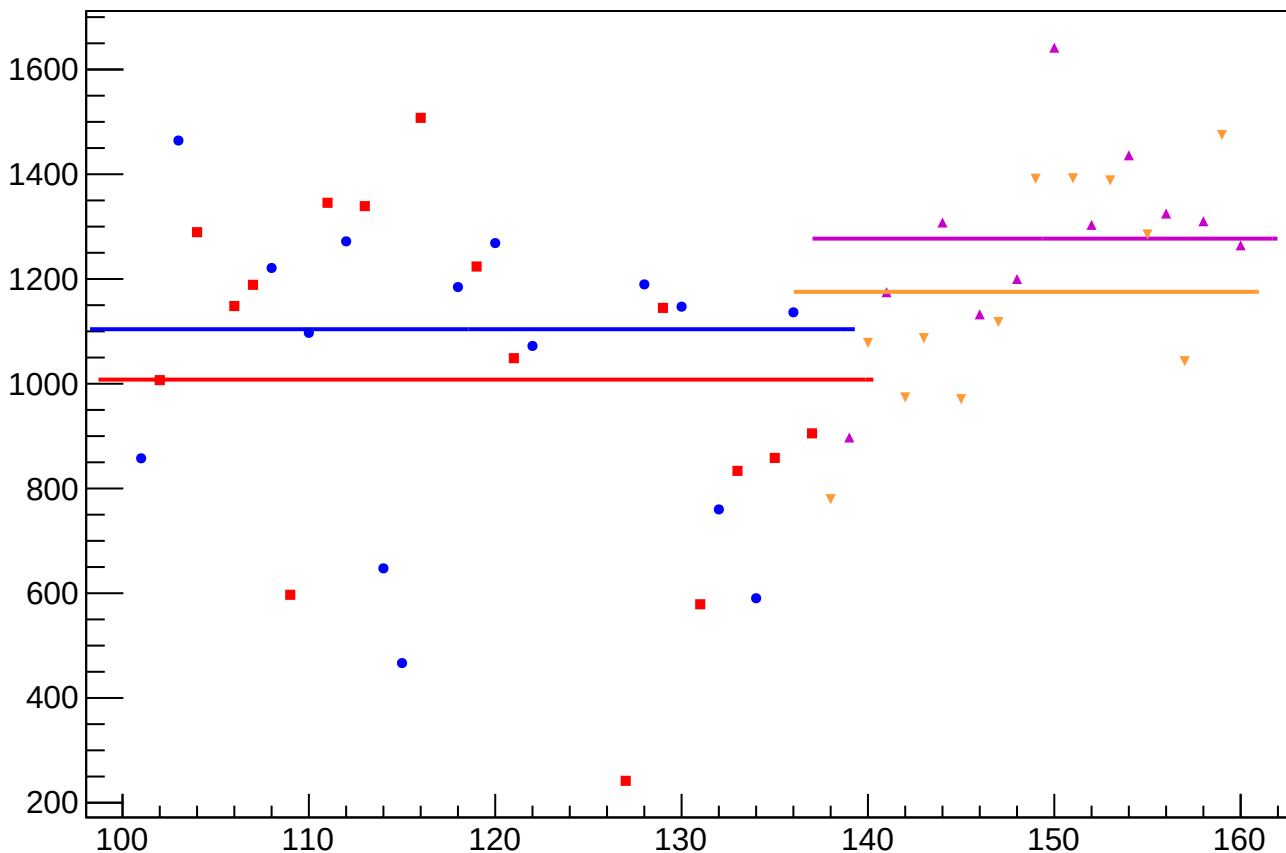
Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

+ 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

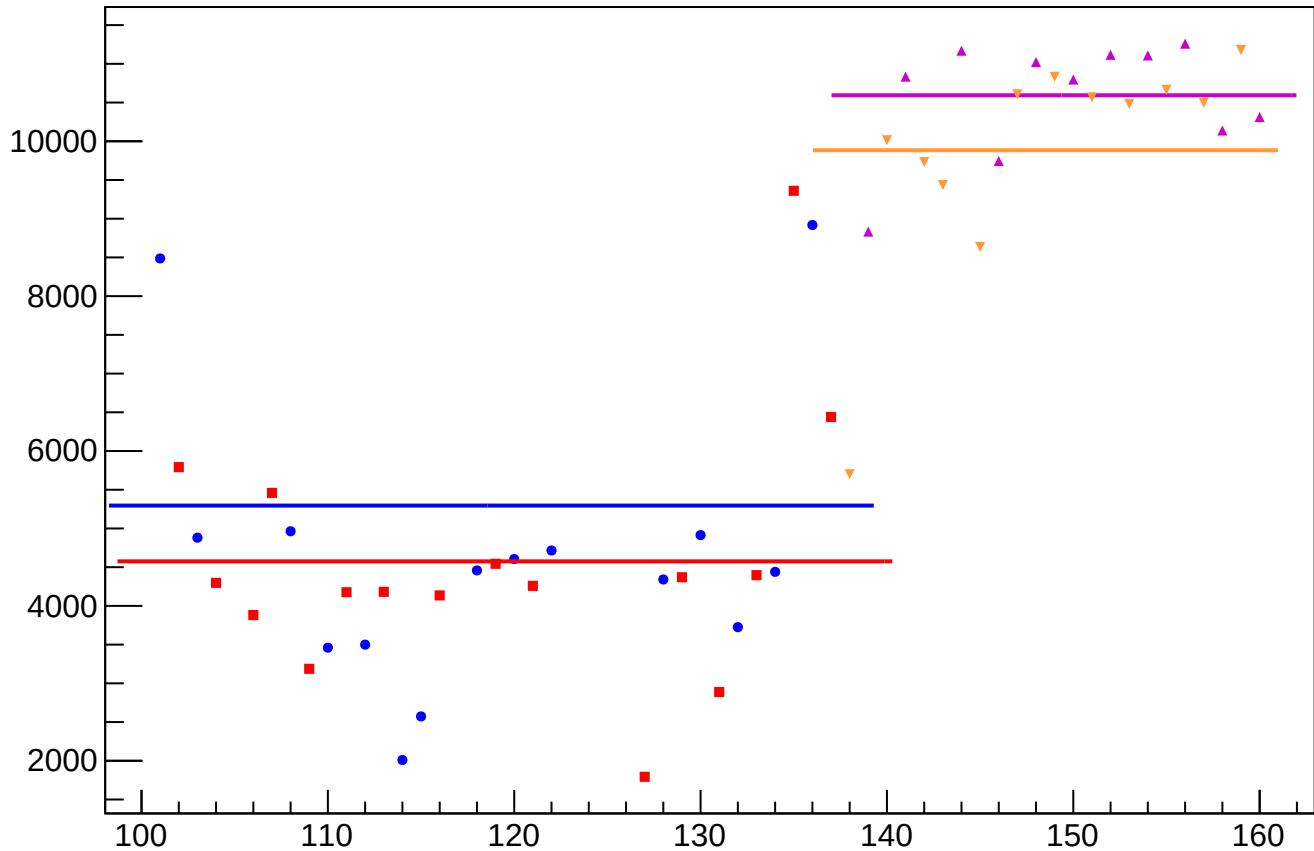
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

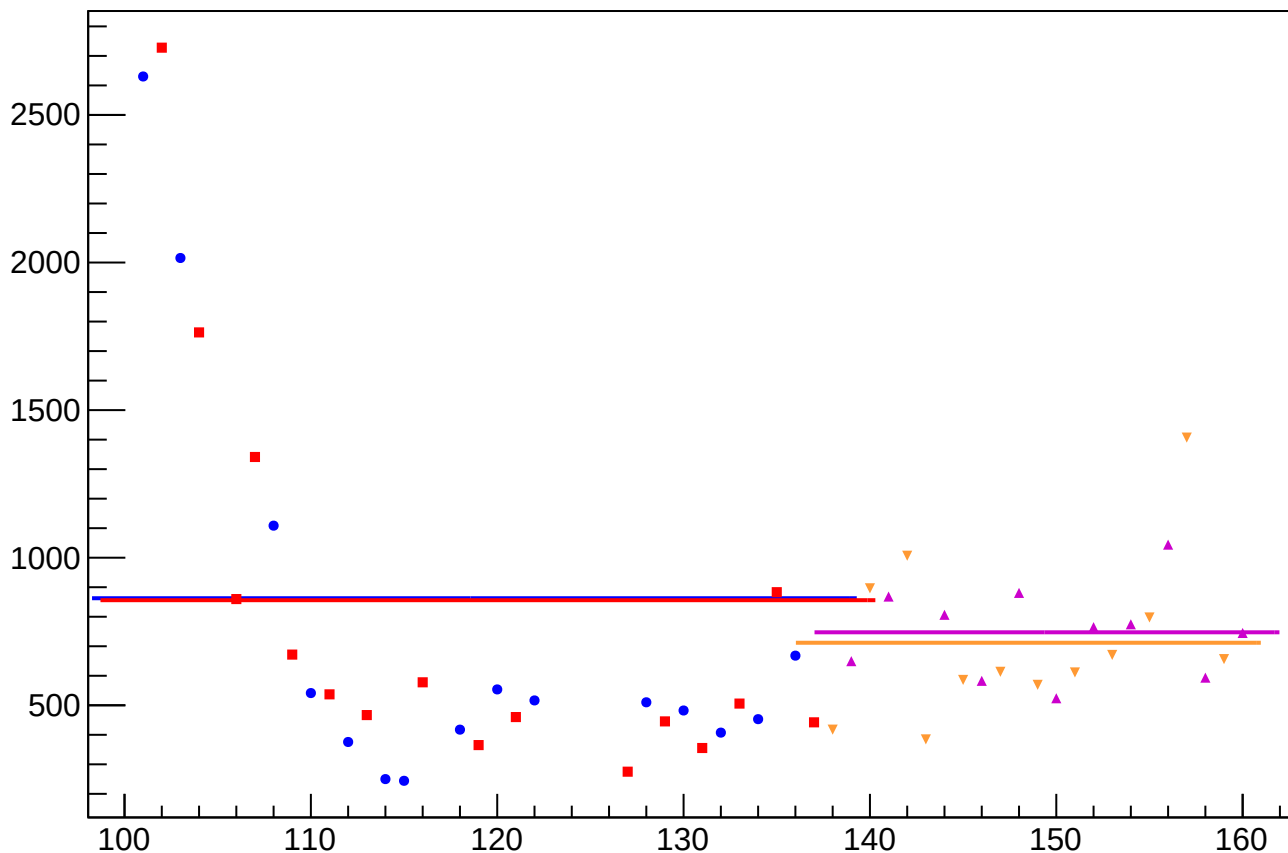
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

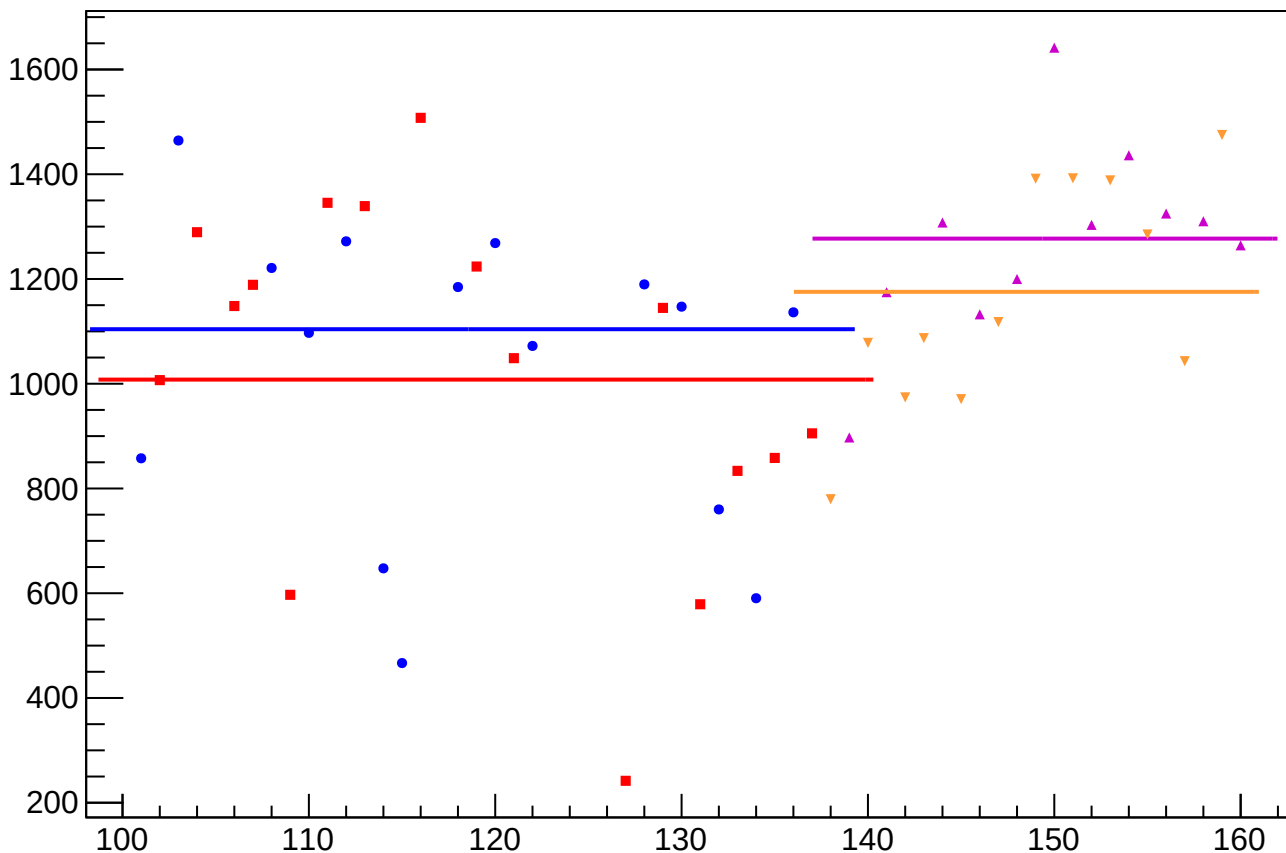
Left In: 747.275 ± 0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ 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

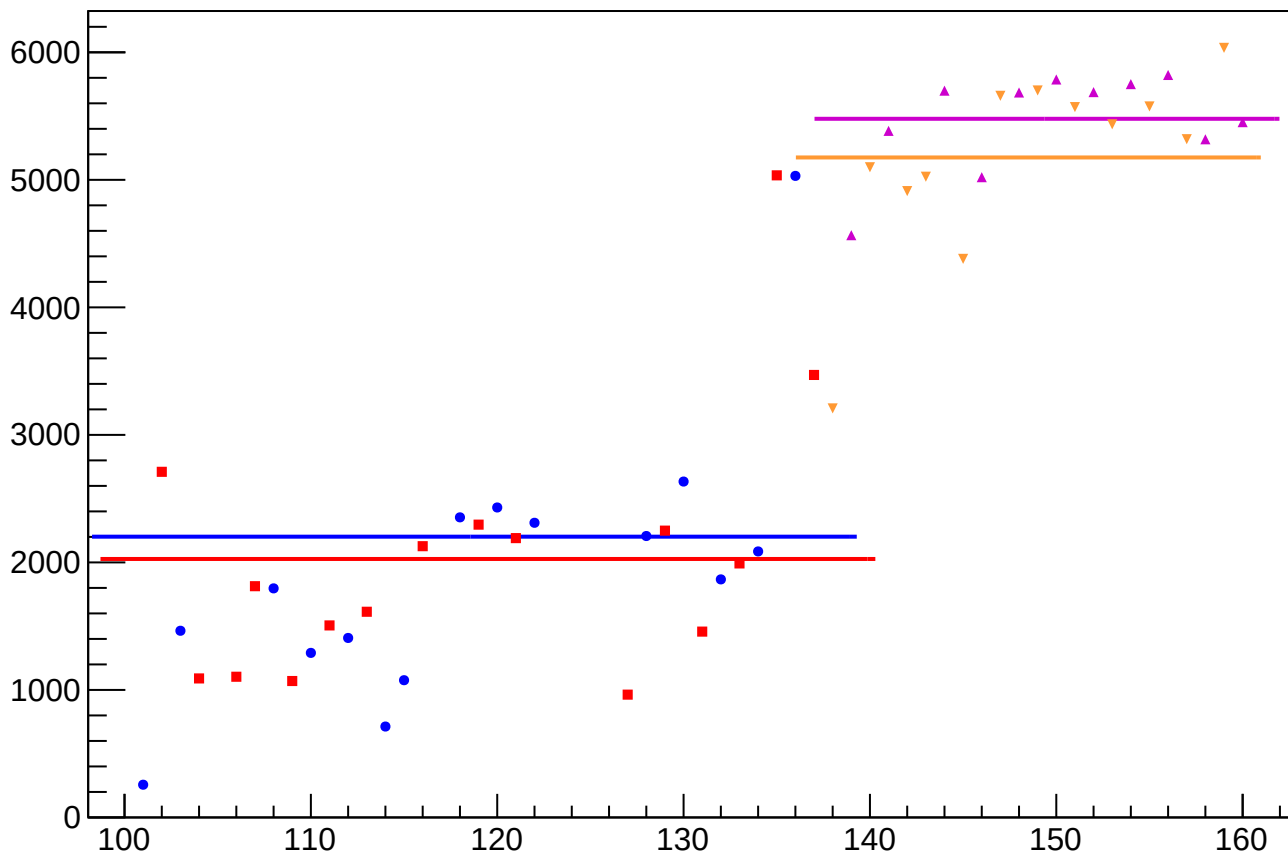
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

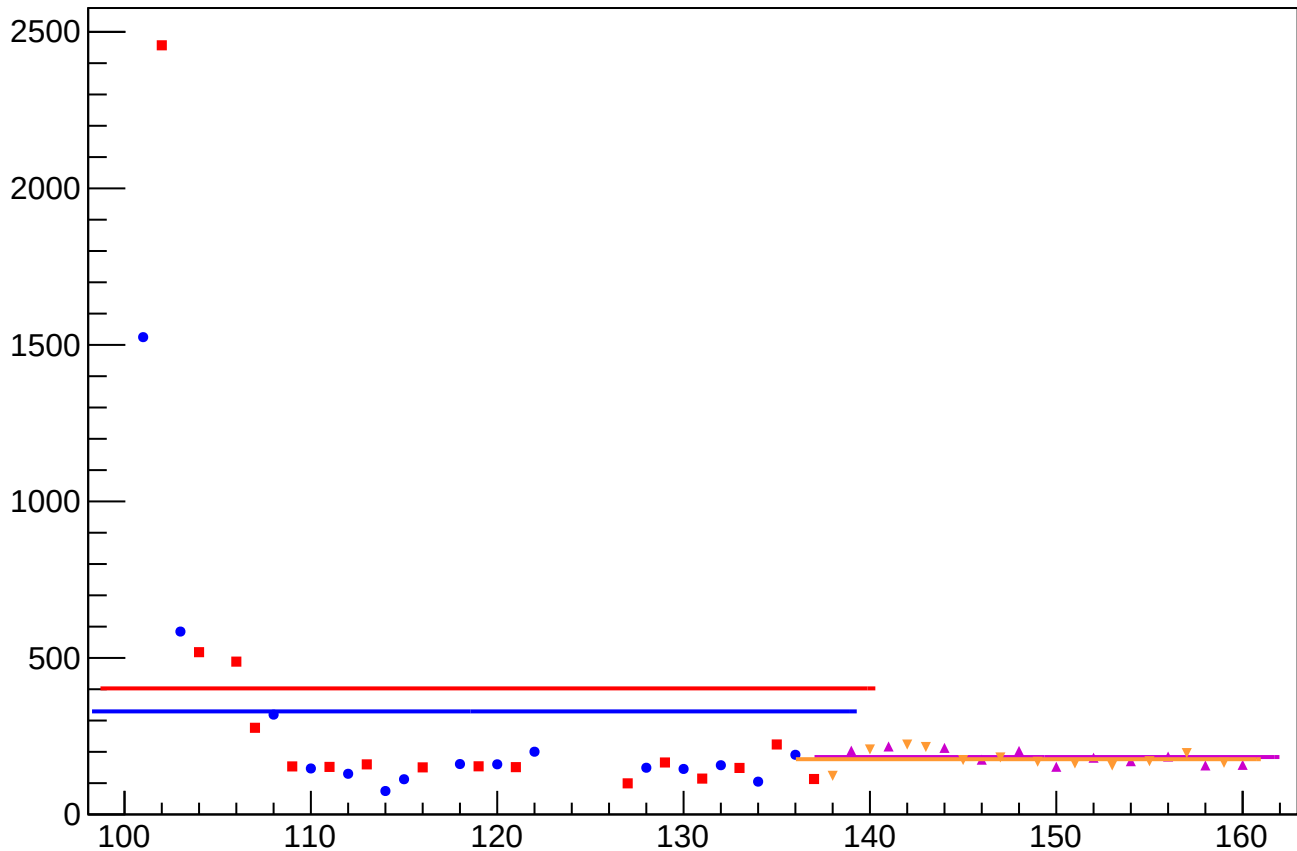
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

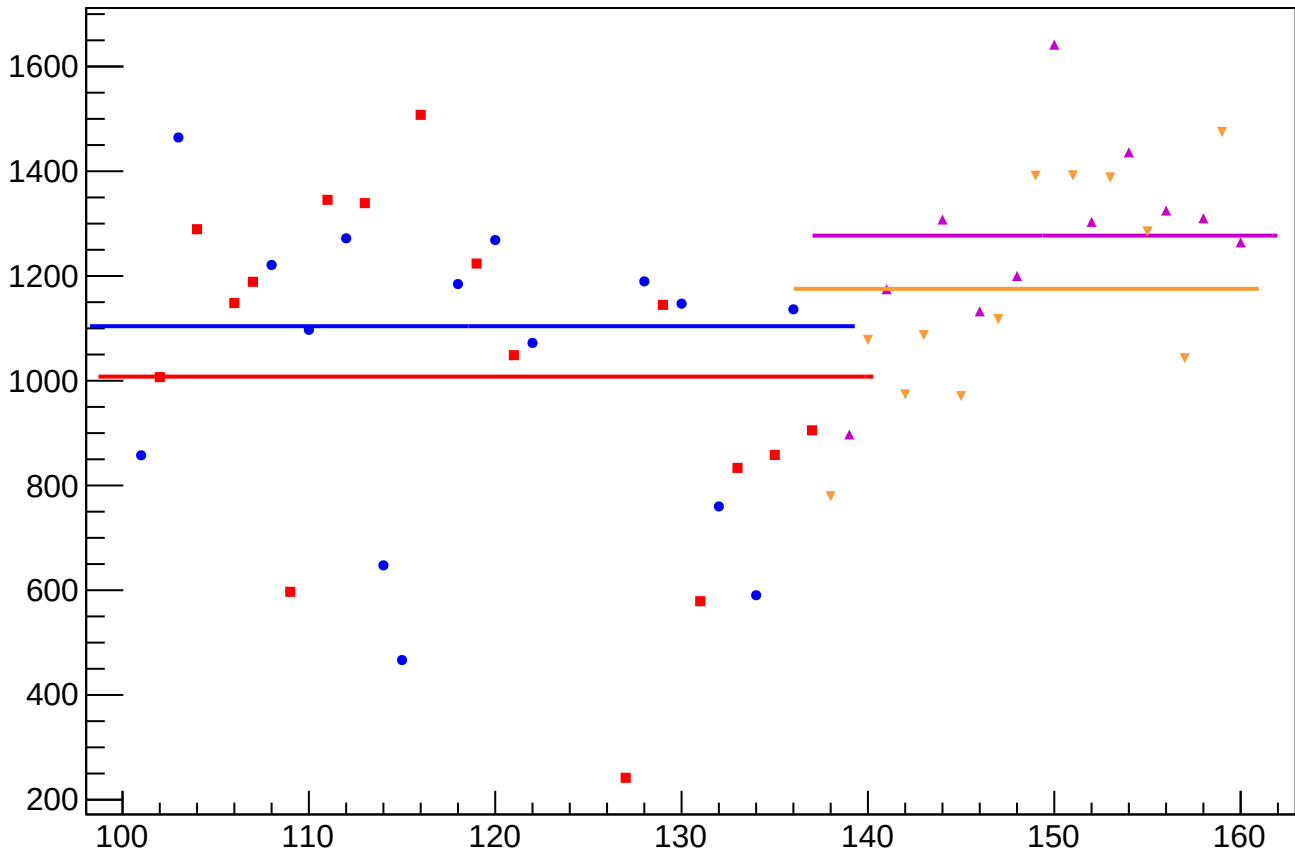
Left In: 183.411+/-0.000 χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 239.808+/-0.000 χ^2/NDF : 112751281695160

All: 257.715+/-0.000 χ^2/NDF : 410462625583

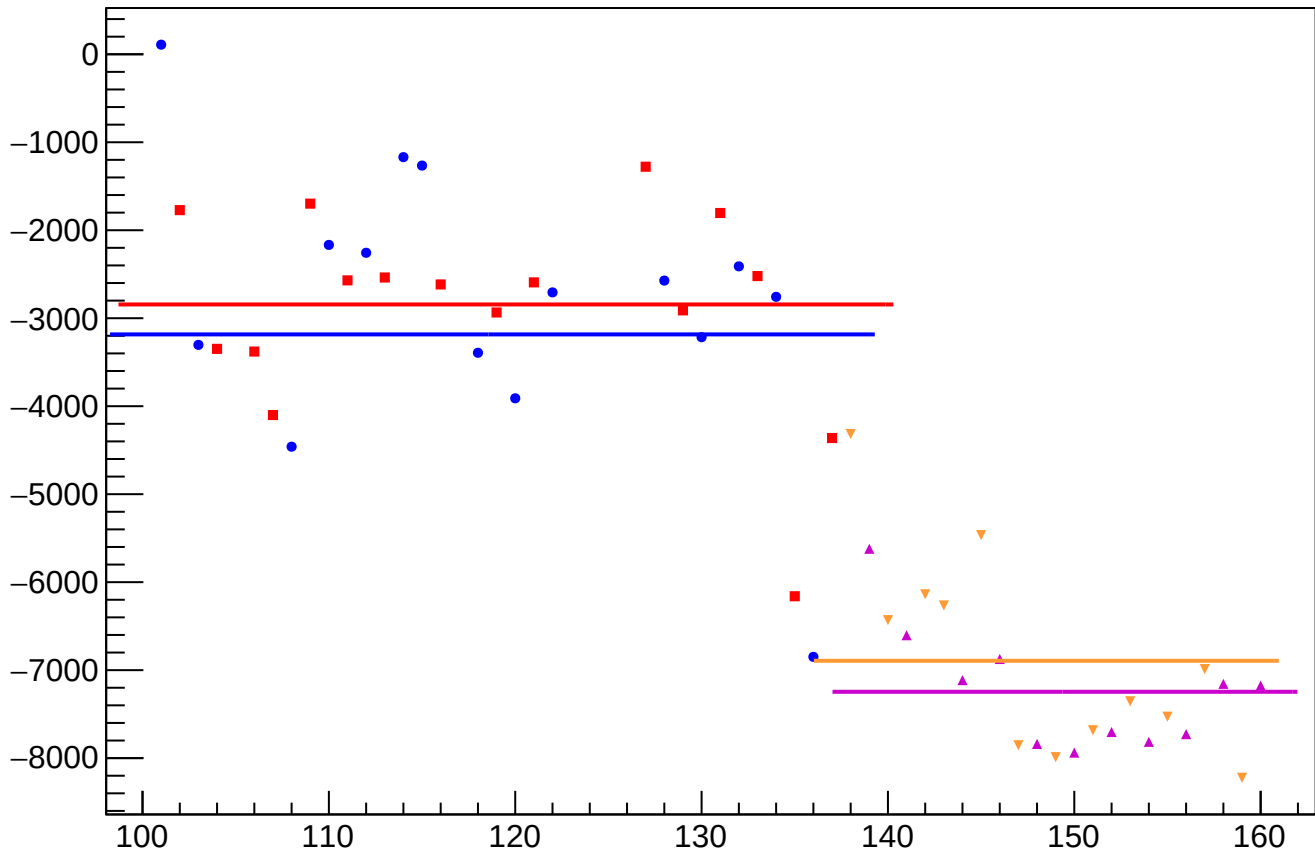
- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

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

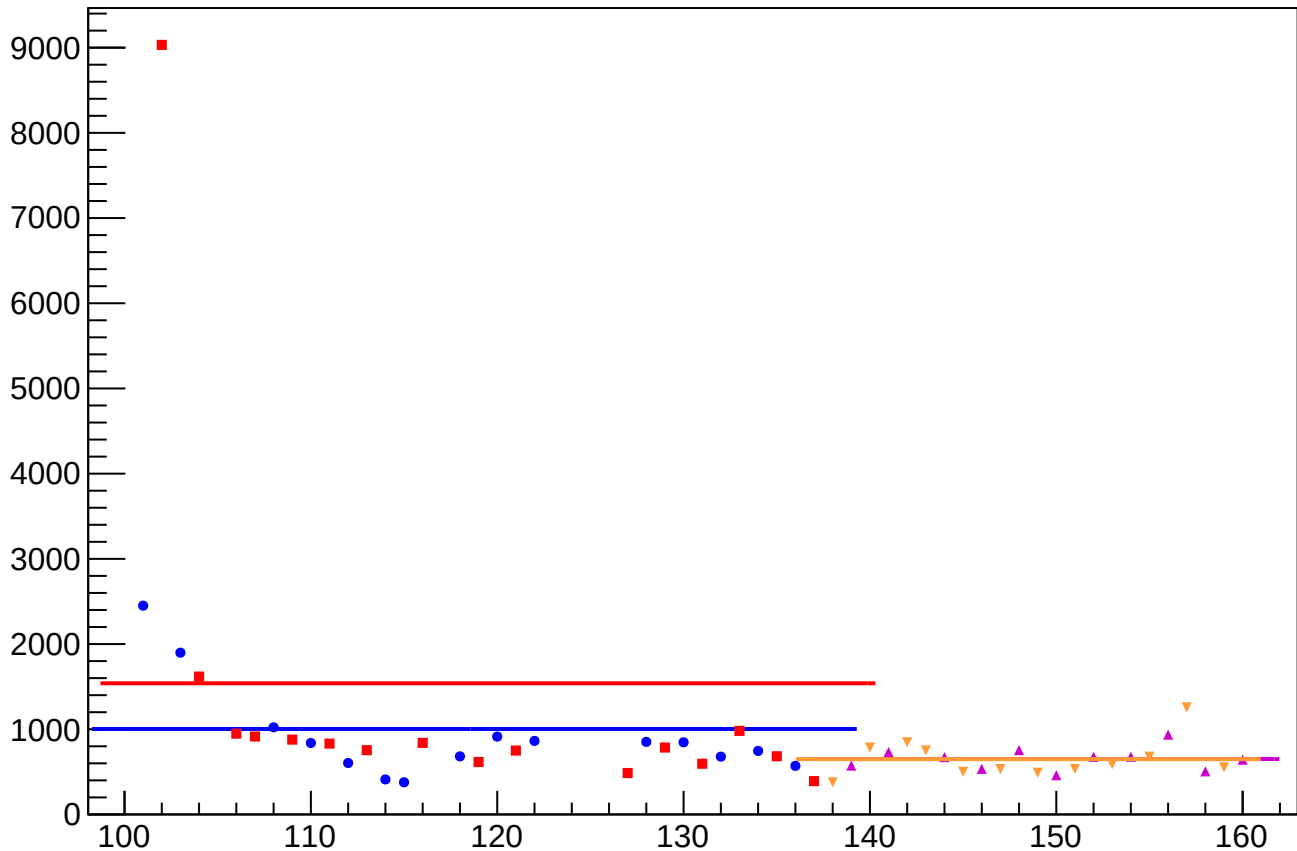
dit_atr2_coil3_mean vs Slug



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

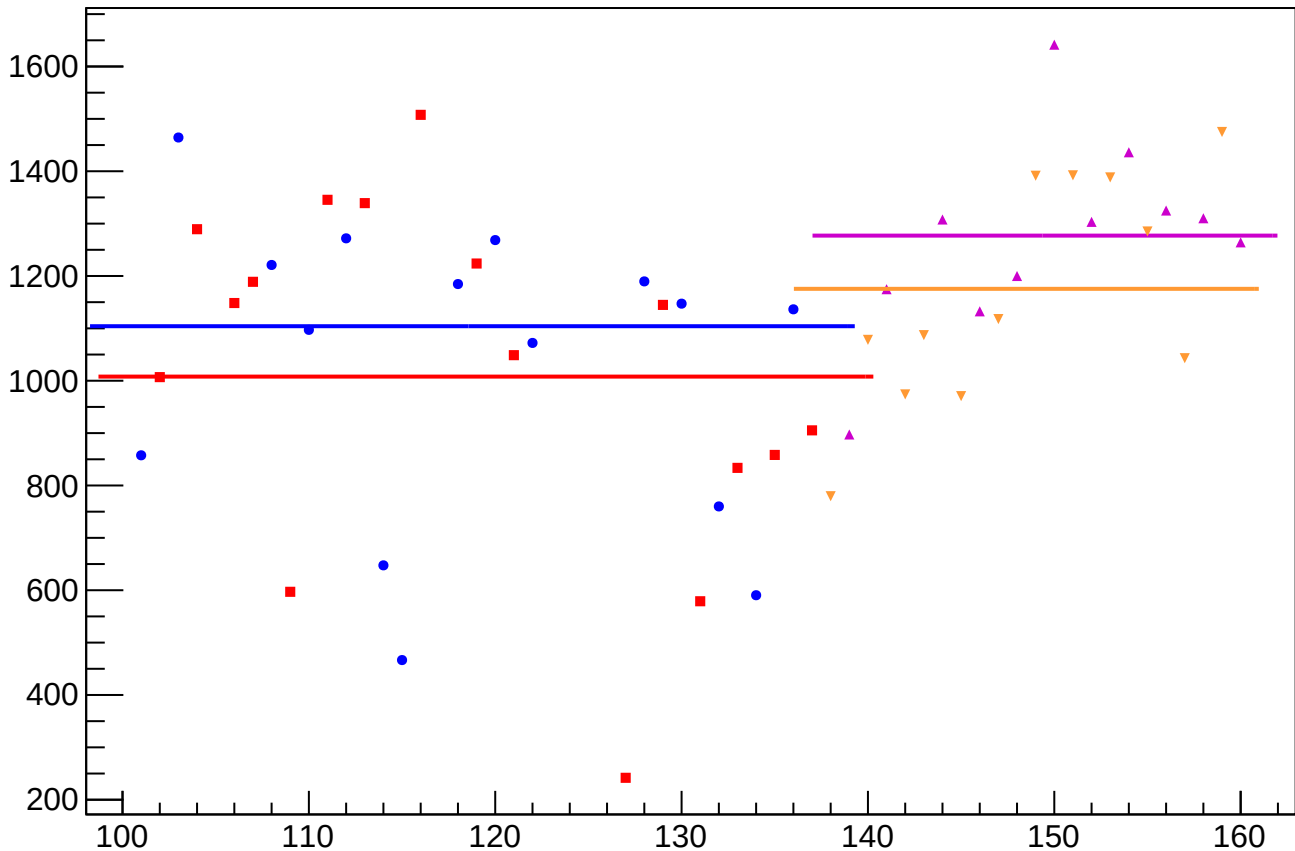
+ sign -5356.219+/-0.000 χ^2/NDF : 8531737355376
 All: -5378.444+/-0.000 χ^2/NDF : 1738954260
 - sign -5400.320+/-0.000 χ^2/NDF : 8856270344208

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

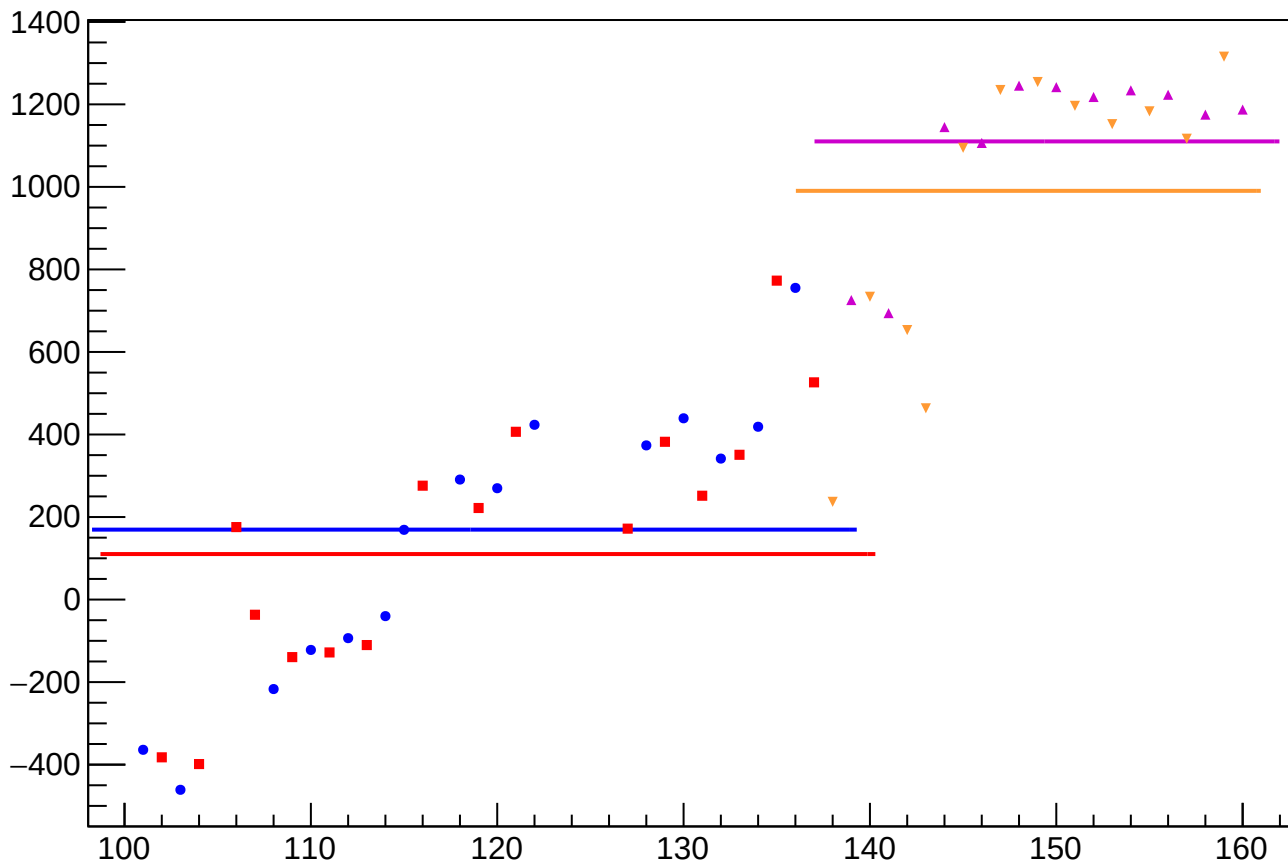
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ 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

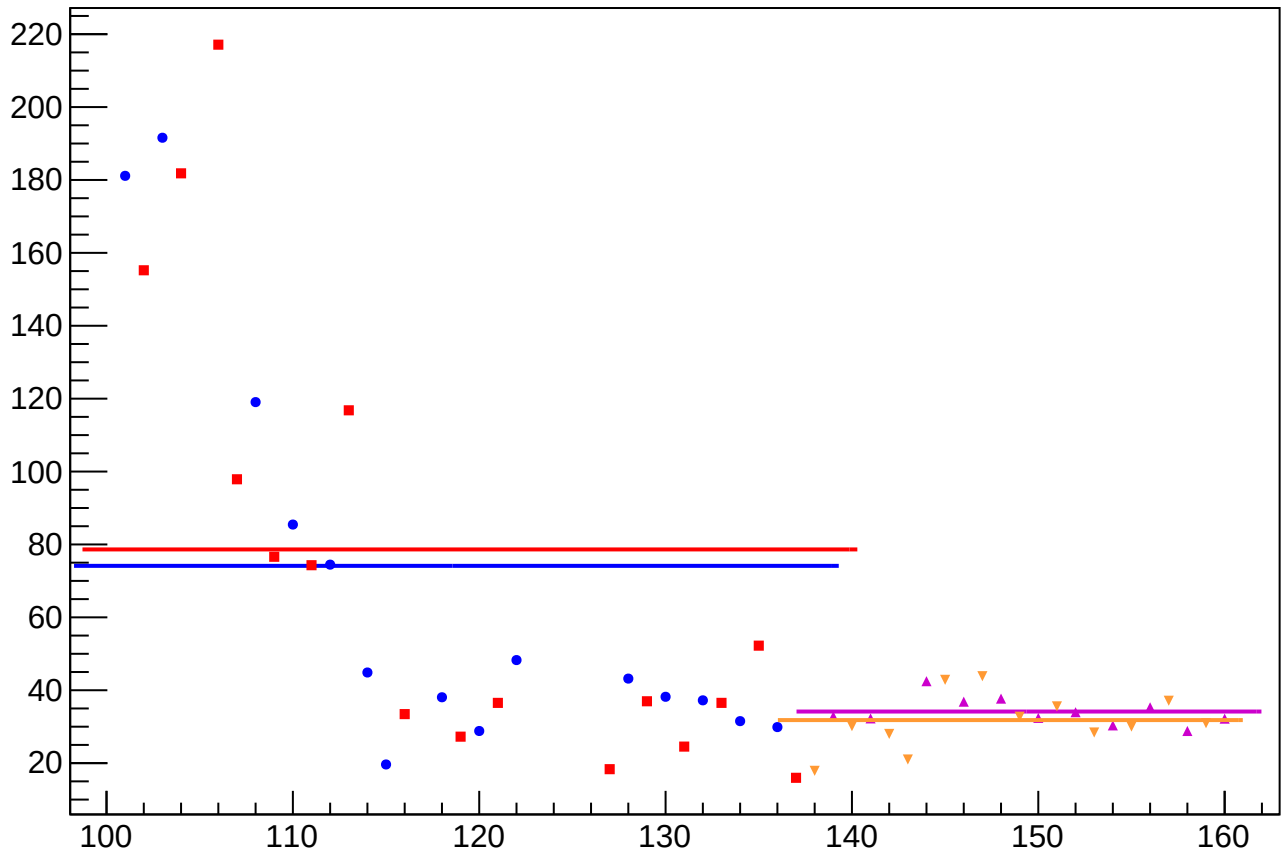
Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

+ 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

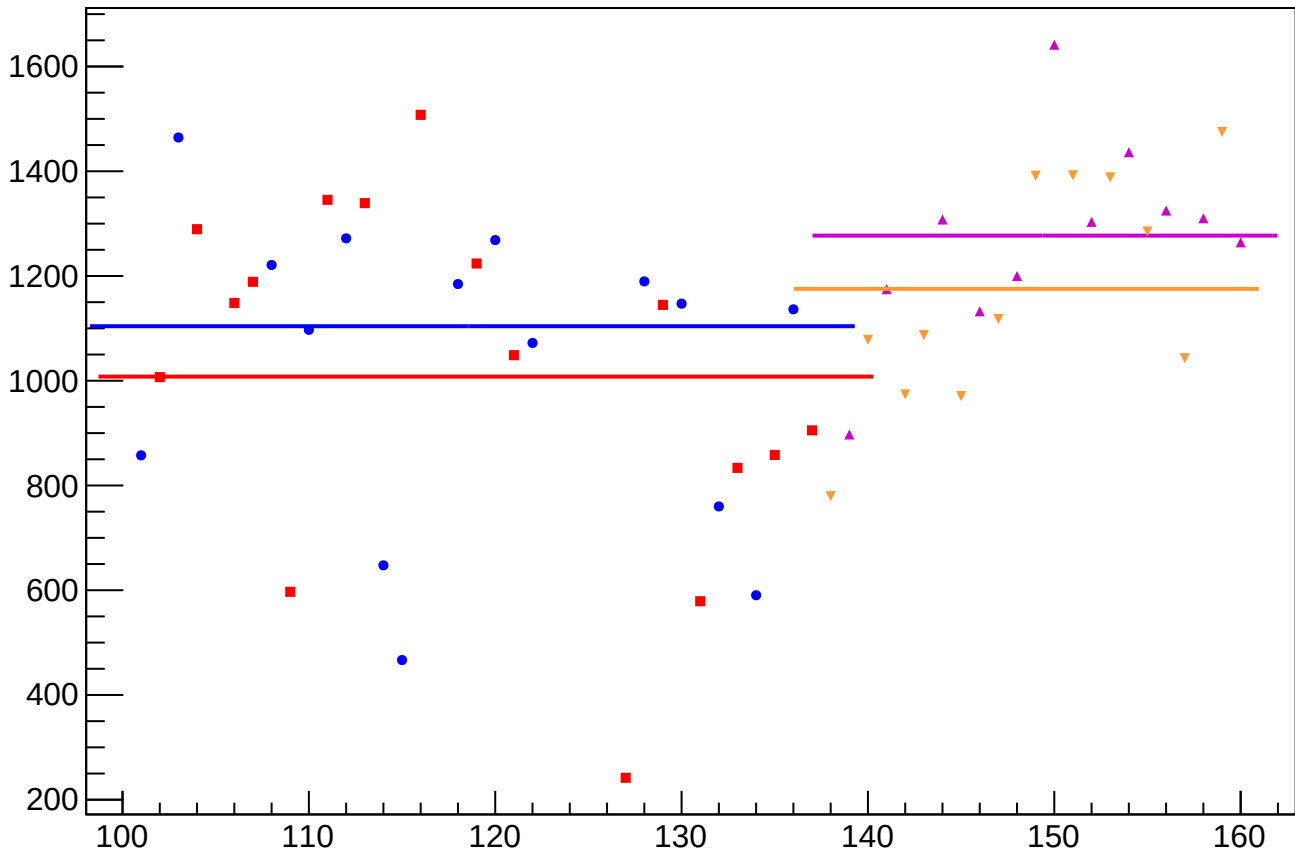
Left In: 34.158 ± 0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.349 ± 0.000 χ^2/NDF : 2898641022839379

All: 51.090 ± 0.000 χ^2/NDF : 6030042065717

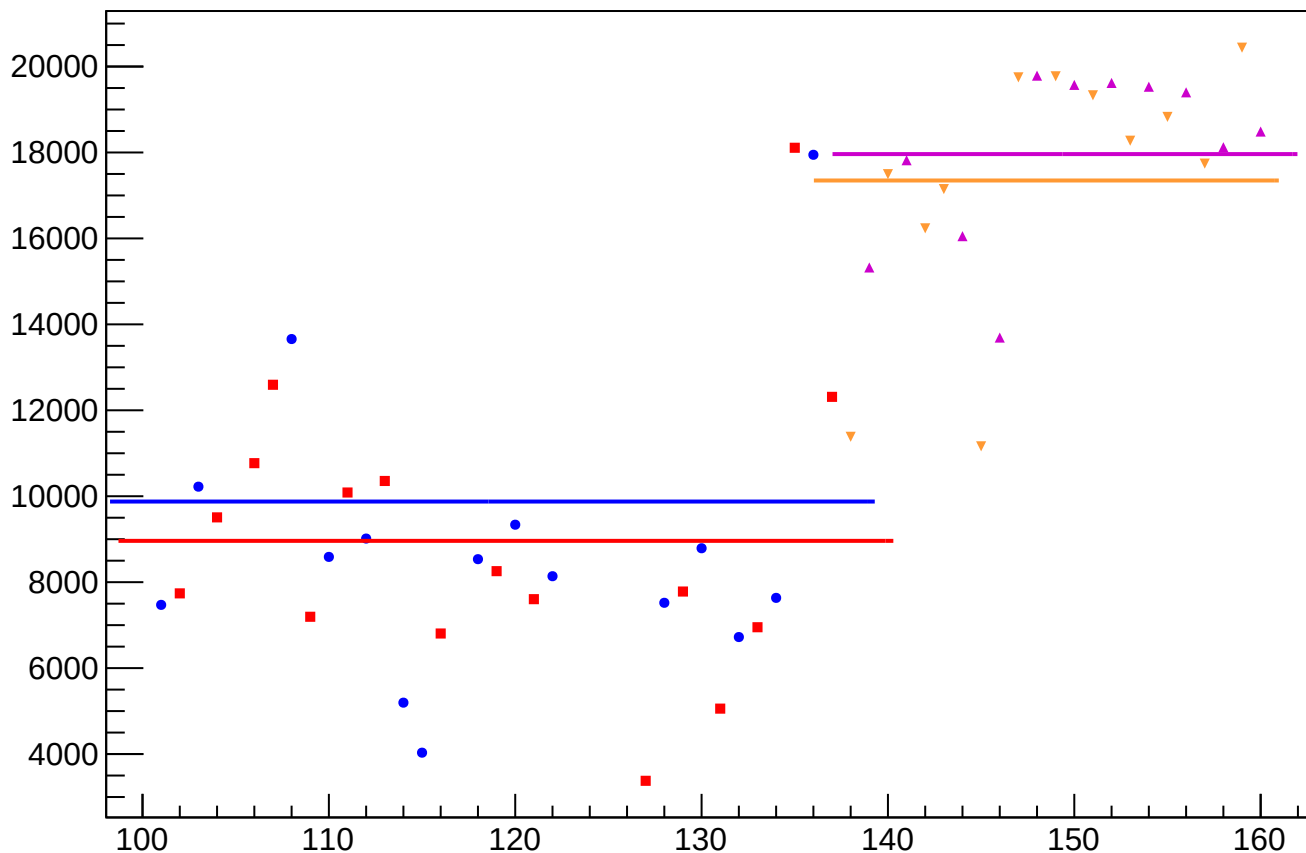
- sign 52.804 ± 0.000 χ^2/NDF : 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



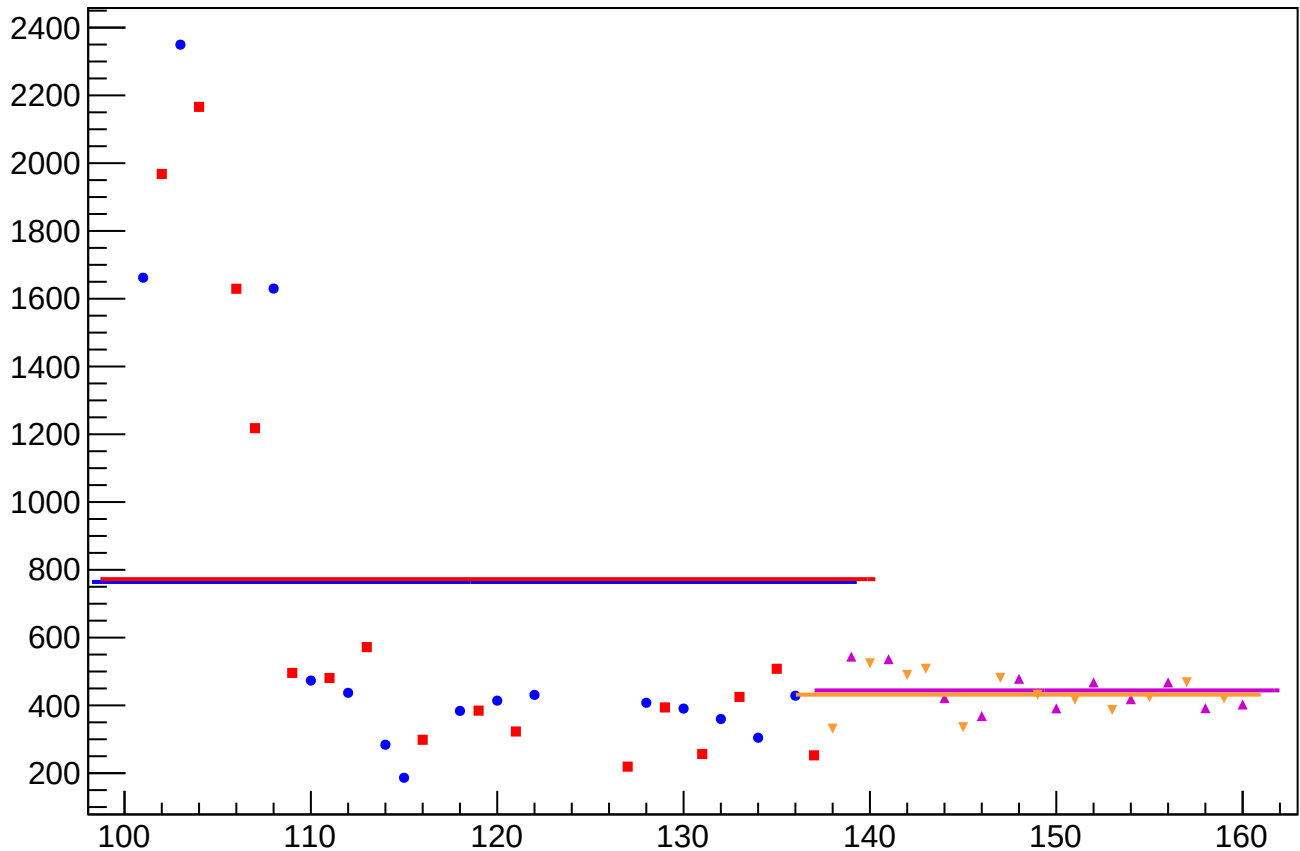
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_sam2_coil3_mean vs Slug



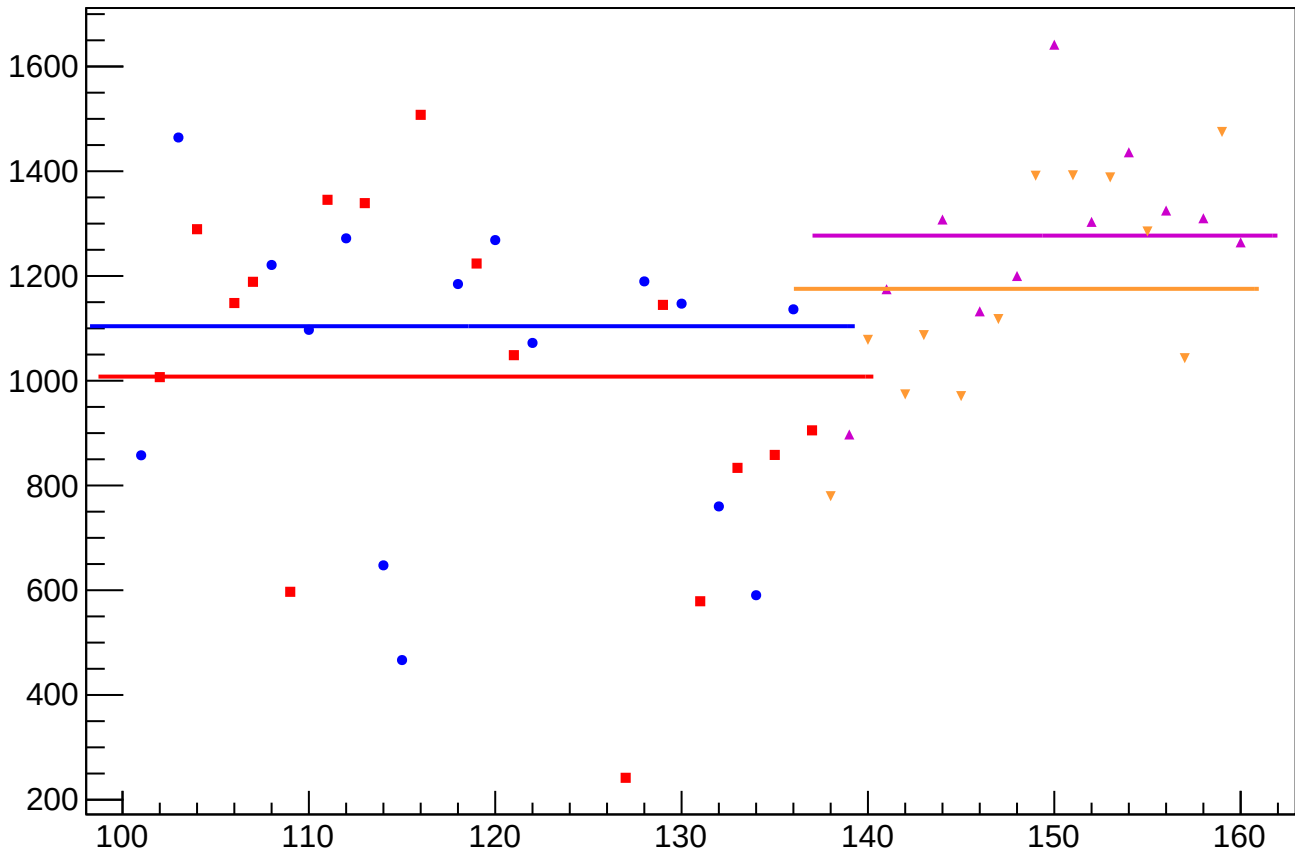
Right In: 9876.530 $\pm$ 0.000 χ^2 /NDF: 8483360287053054122301651905797133697024.0/14
 Left Out: 17348.108 $\pm$ 0.000 χ^2 /NDF: 8207548108596149921739030122495561695232.0/11
 Right Out: 8961.593 $\pm$ 0.000 χ^2 /NDF: 7583728644146461427304320888408335450112.0/15
 Left In: 17962.529 $\pm$ 0.000 χ^2 /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

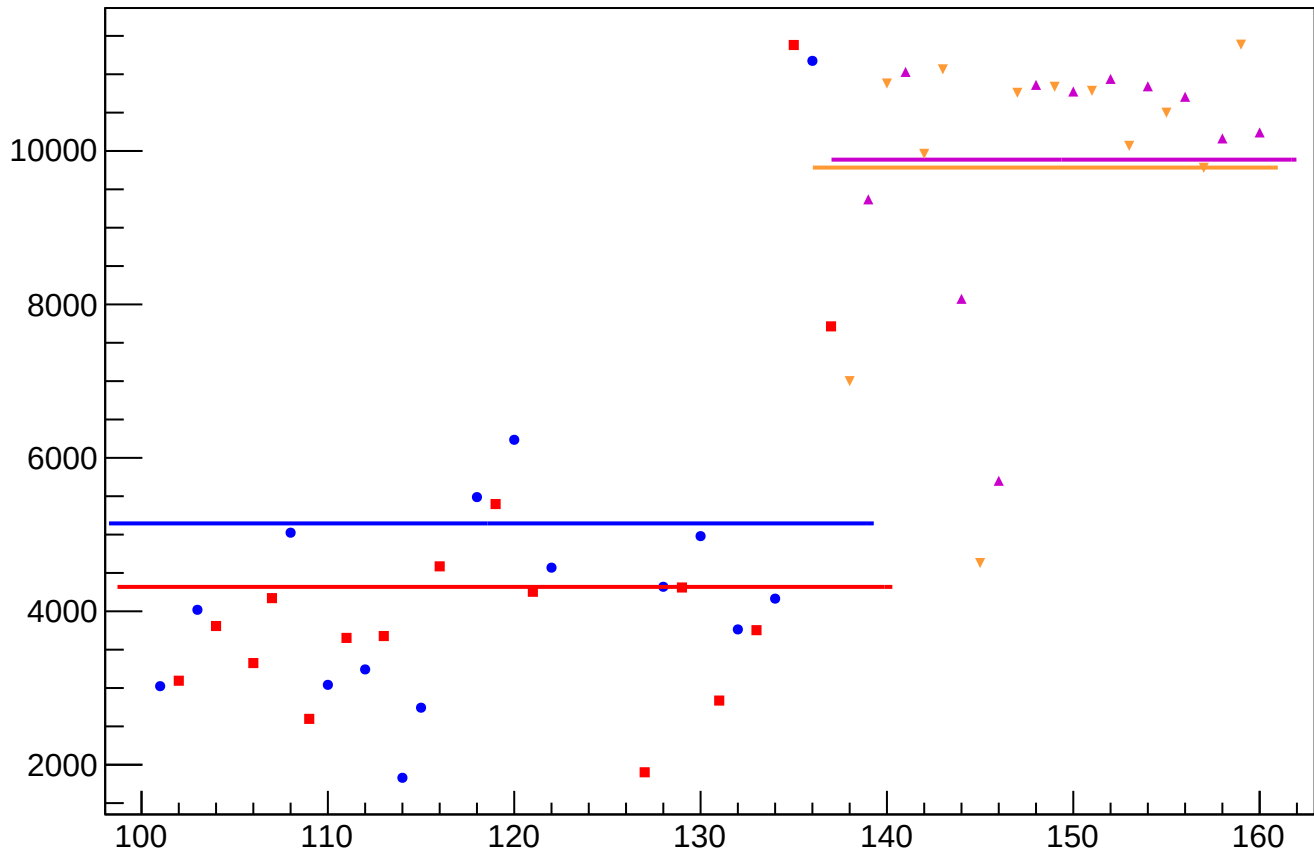
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

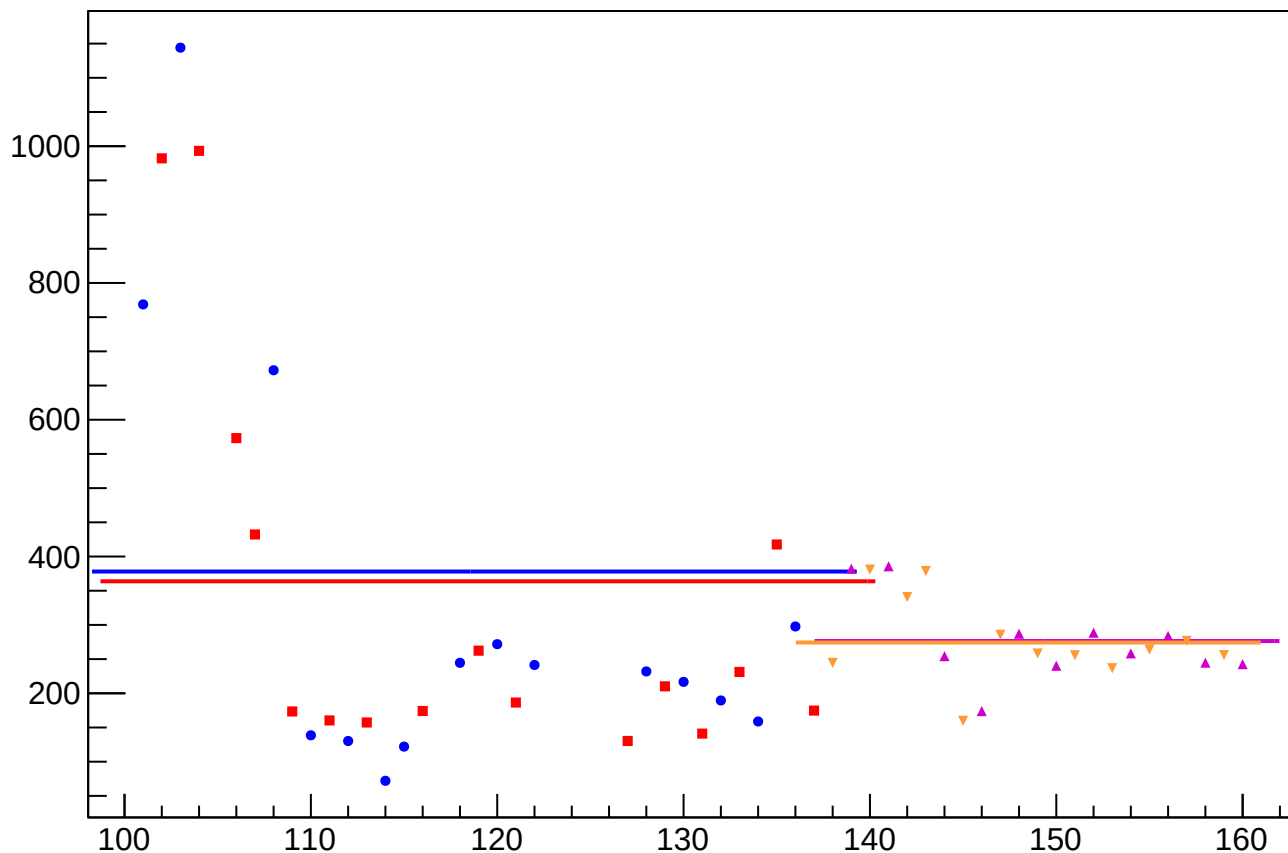
All: 1155.145+/-0.000 χ^2/NDF : 20163313284.0/44

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+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 274.281+/-0.000 χ^2/NDF : 3210866570321724501306846670770667520.0/11

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

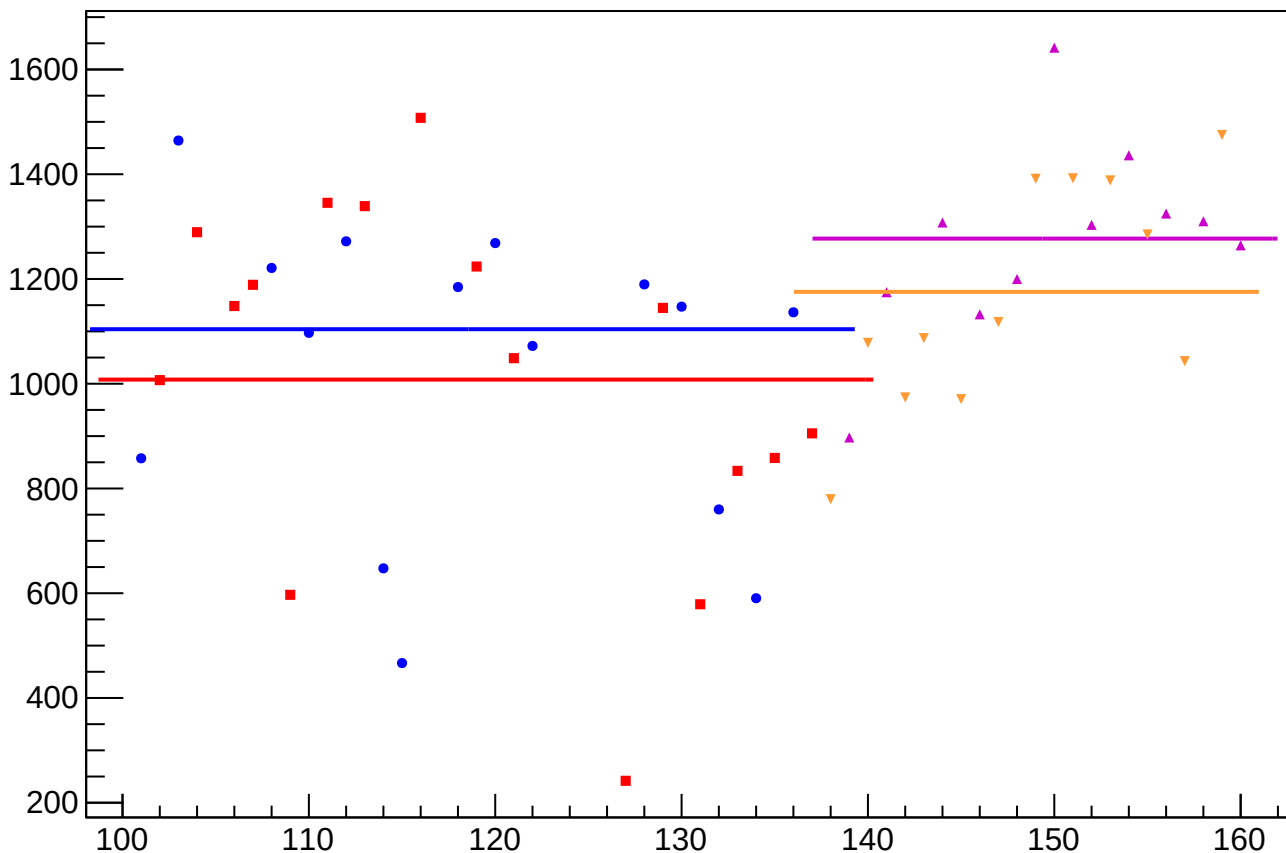
Left In: 276.429+/-0.000 χ^2/NDF : 3176476969276554988209041450490396672.0/10

+ sign 317.287+/-0.000 χ^2/NDF : 688198238811862

All: 315.150+/-0.000 χ^2/NDF : 133997003769

- sign 313.047+/-0.000 χ^2/NDF : 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

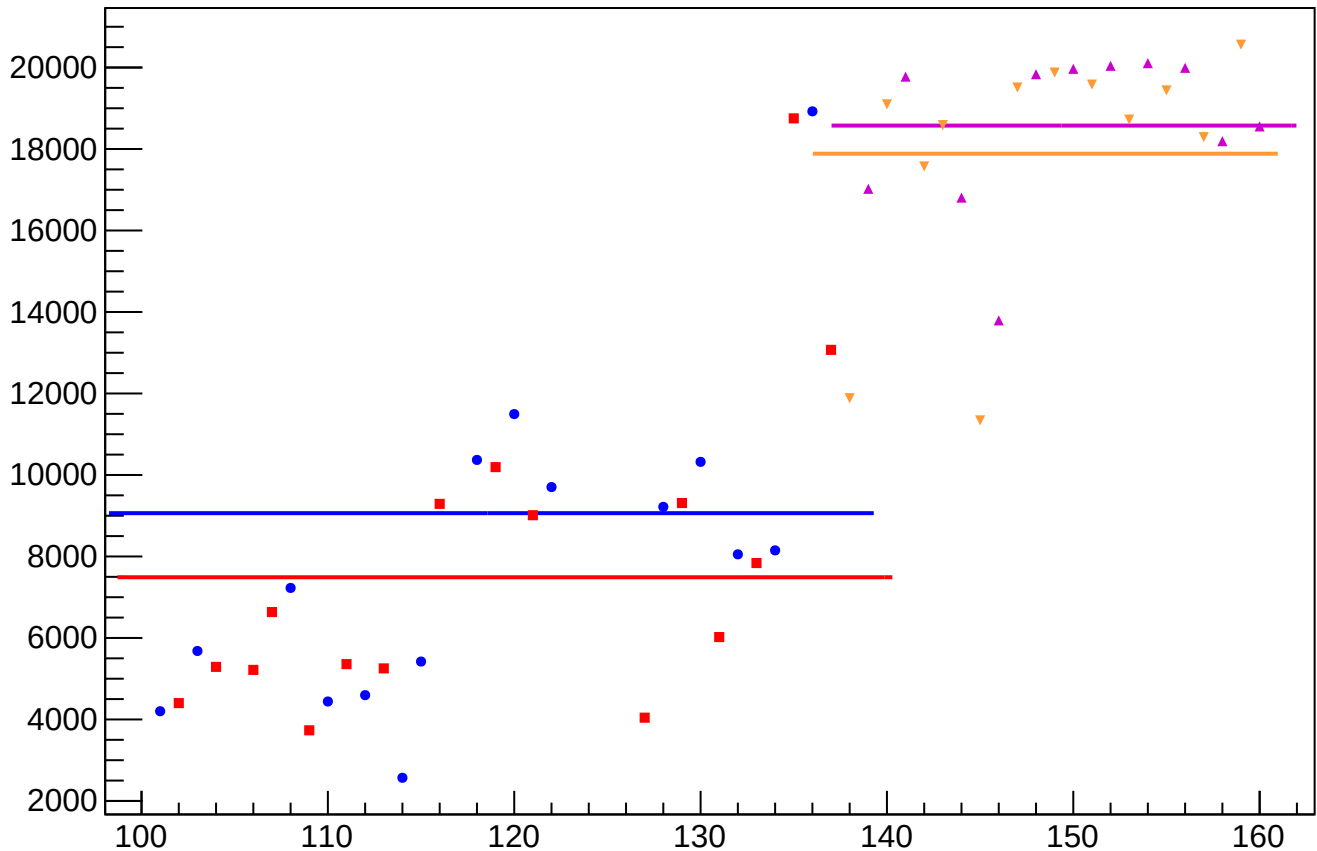
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

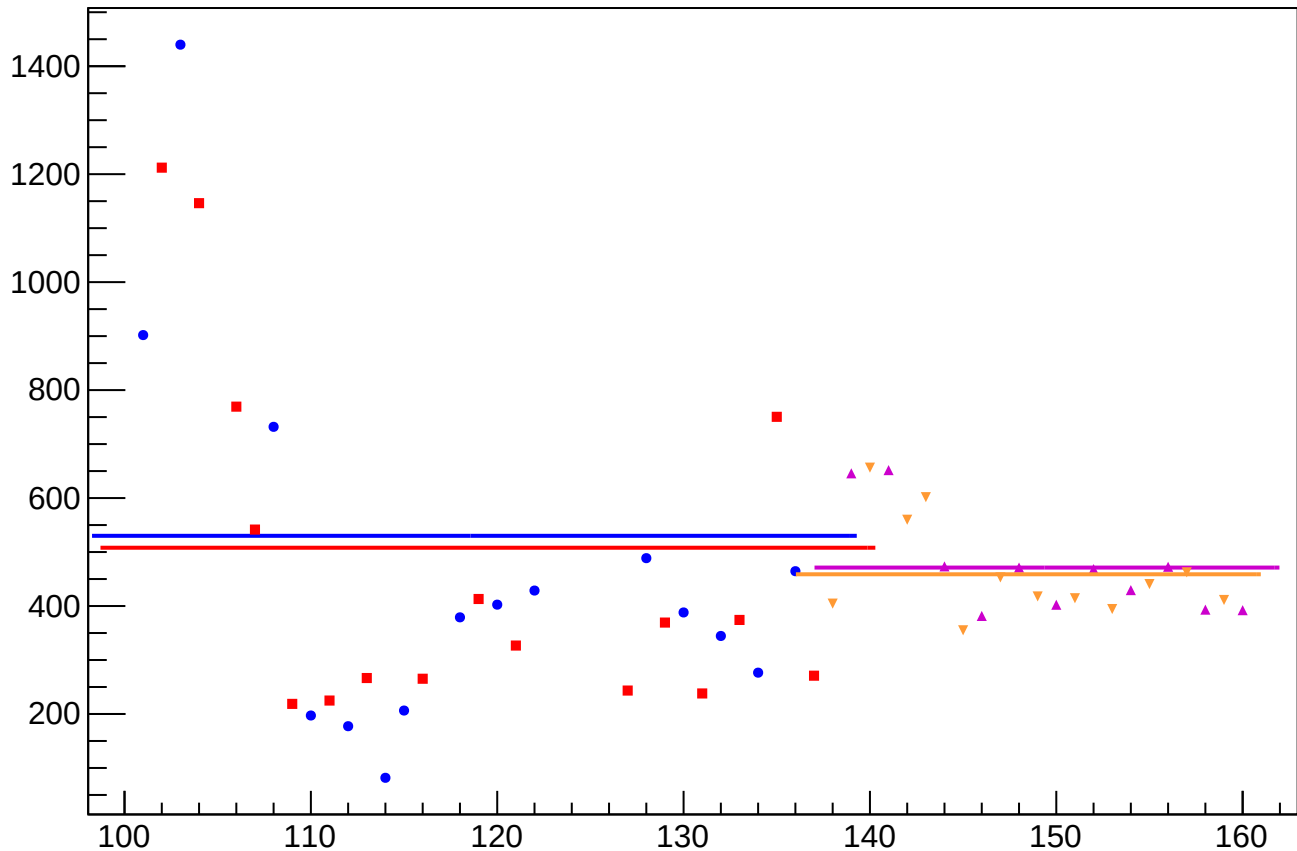
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_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



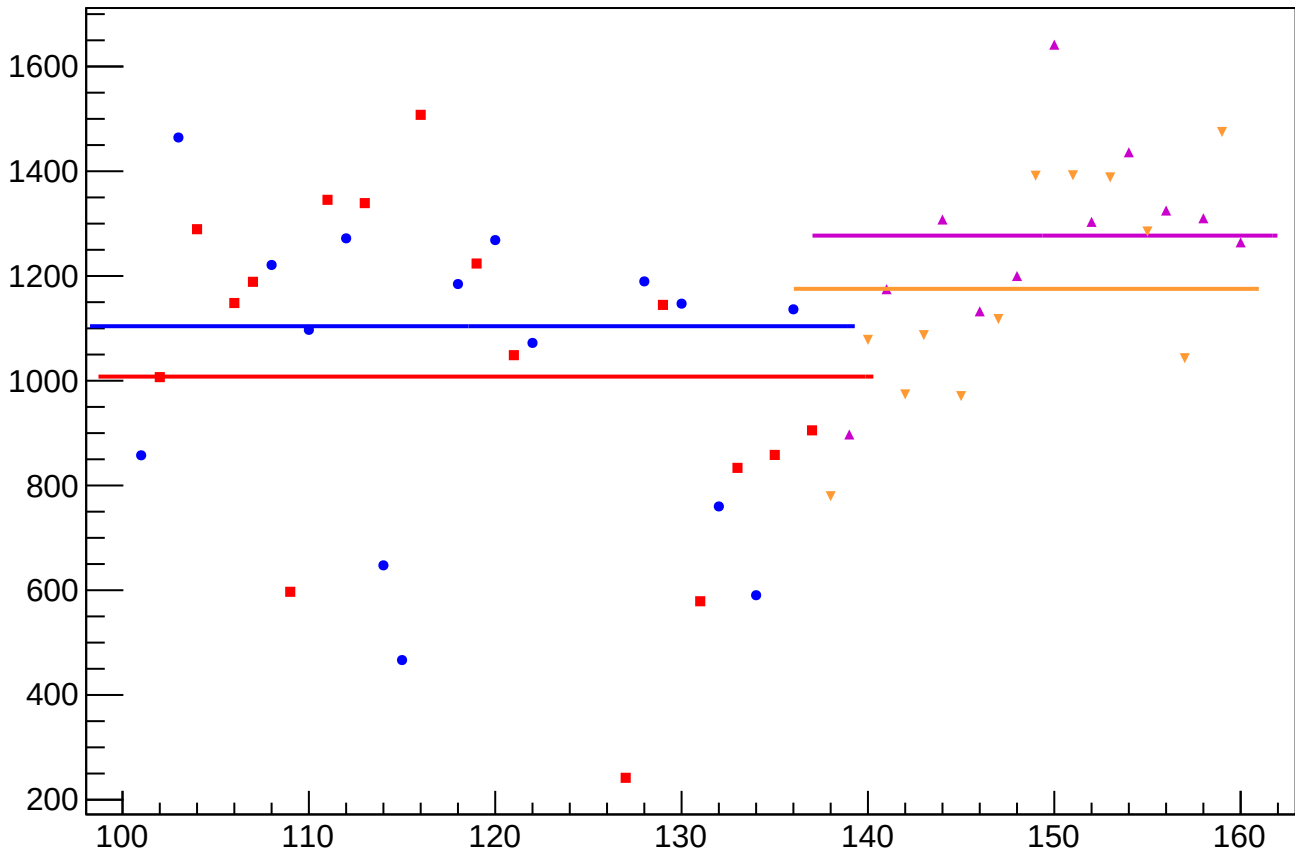
Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

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

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

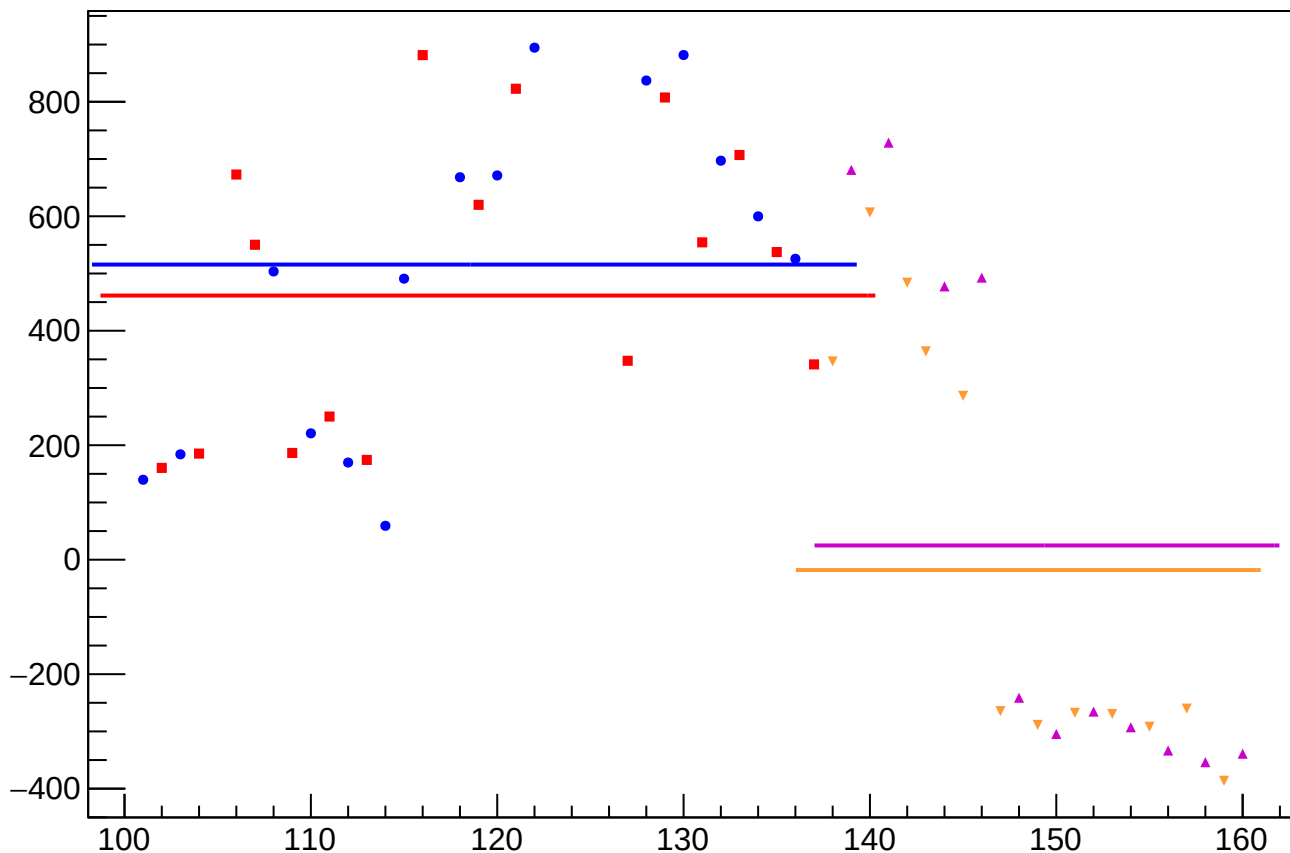
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

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

+ sign 203.105+/-0.000 χ^2/NDF : 270481717005925

Left Out: -18.086+/-0.000 χ^2/NDF : 113760261442063078265103594368341639168.0/11

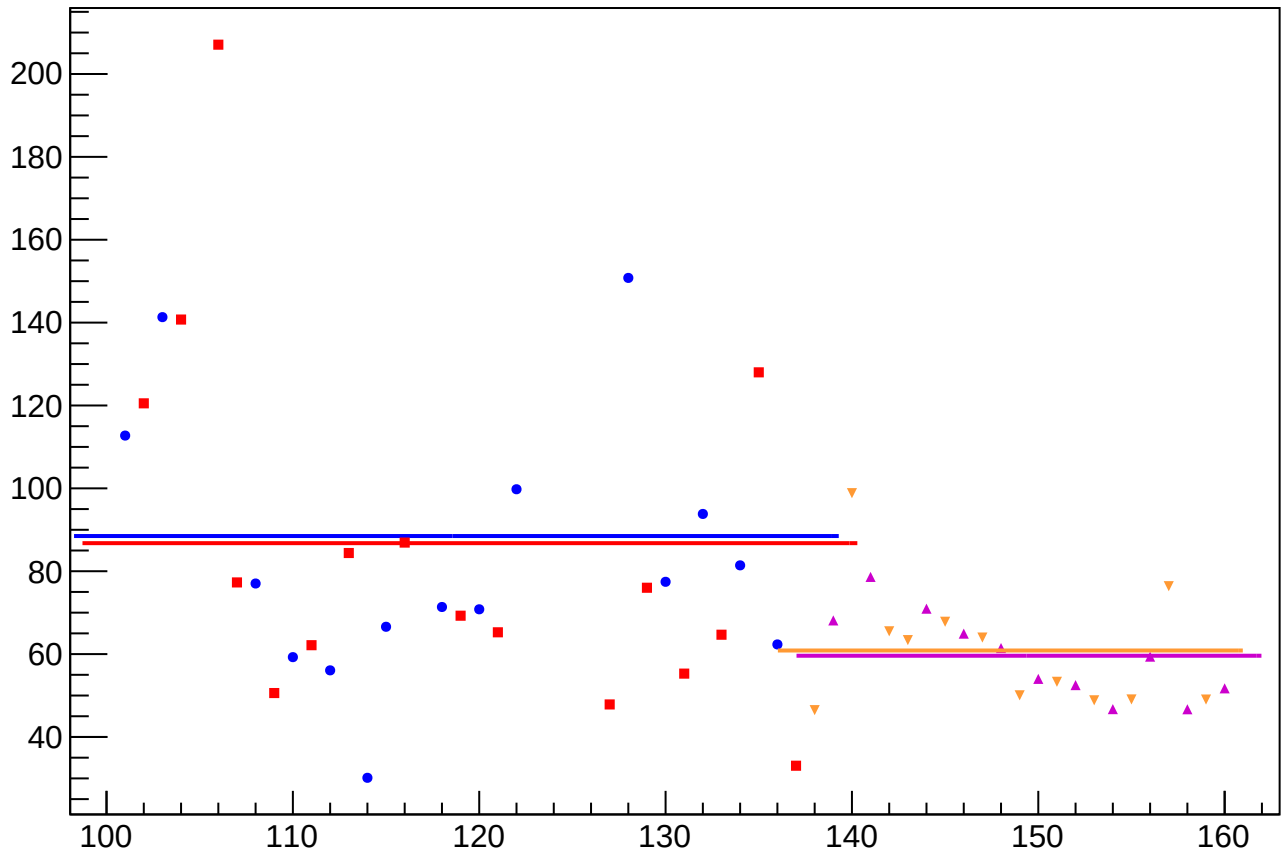
All: 205.539+/-0.000 χ^2/NDF : 561984373916

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

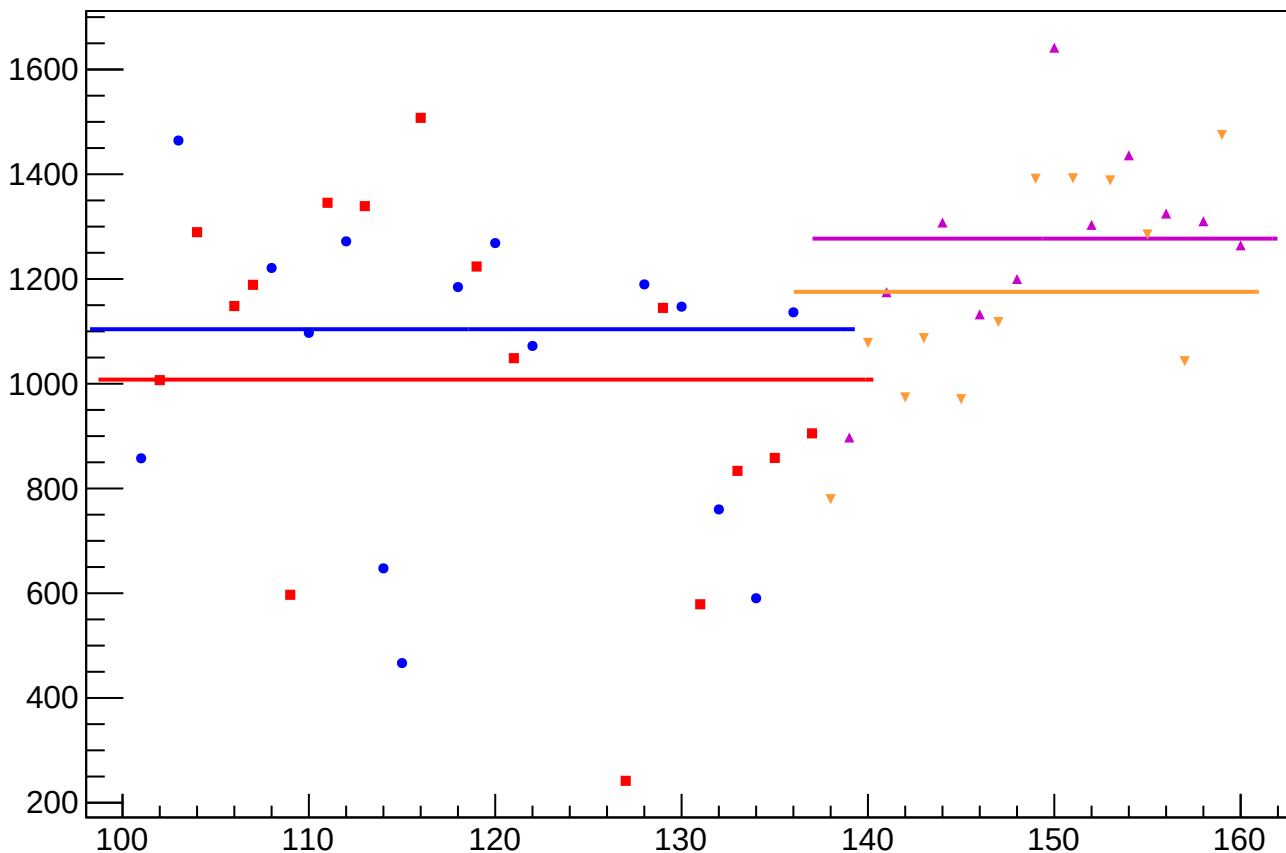
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493 ± 0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14
 Left Out: 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

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

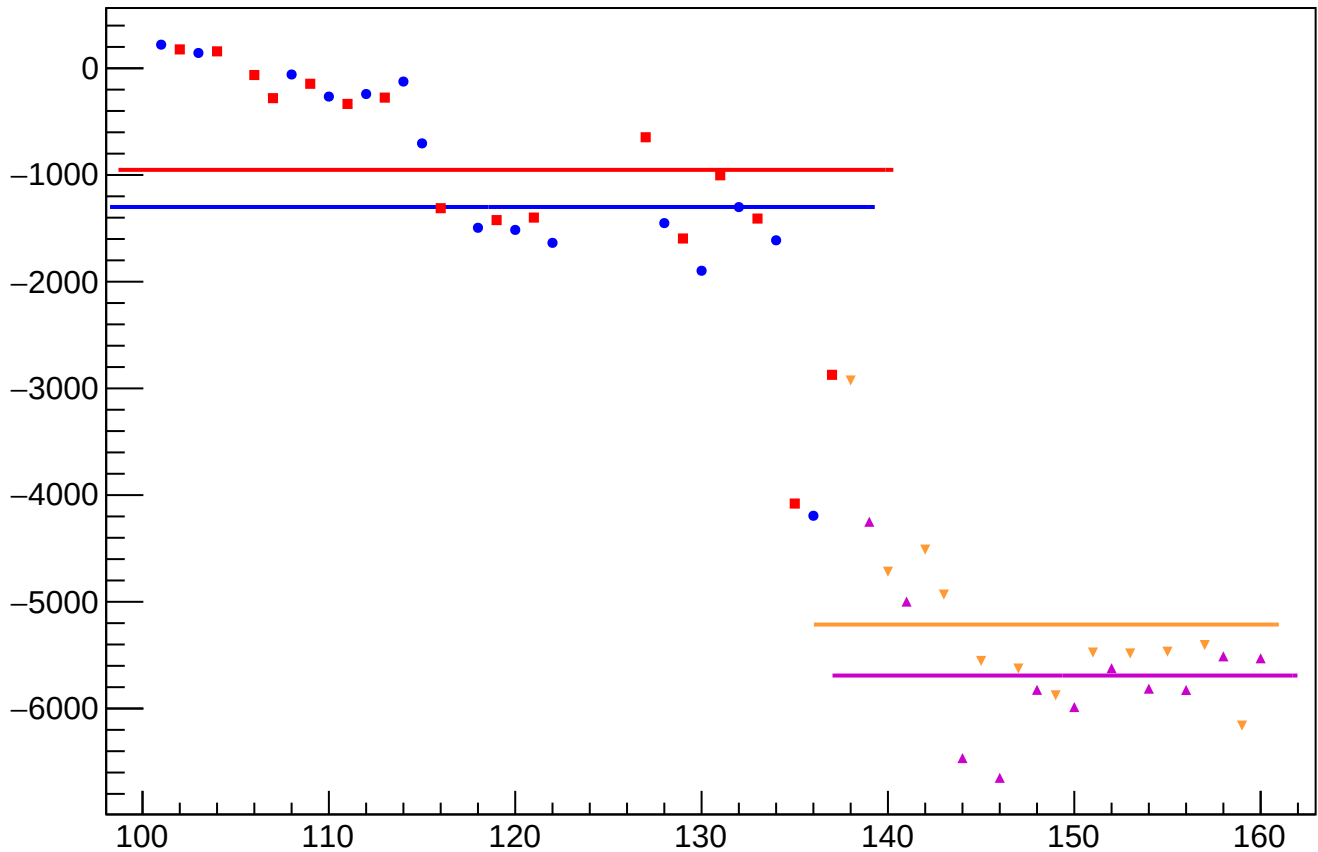
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

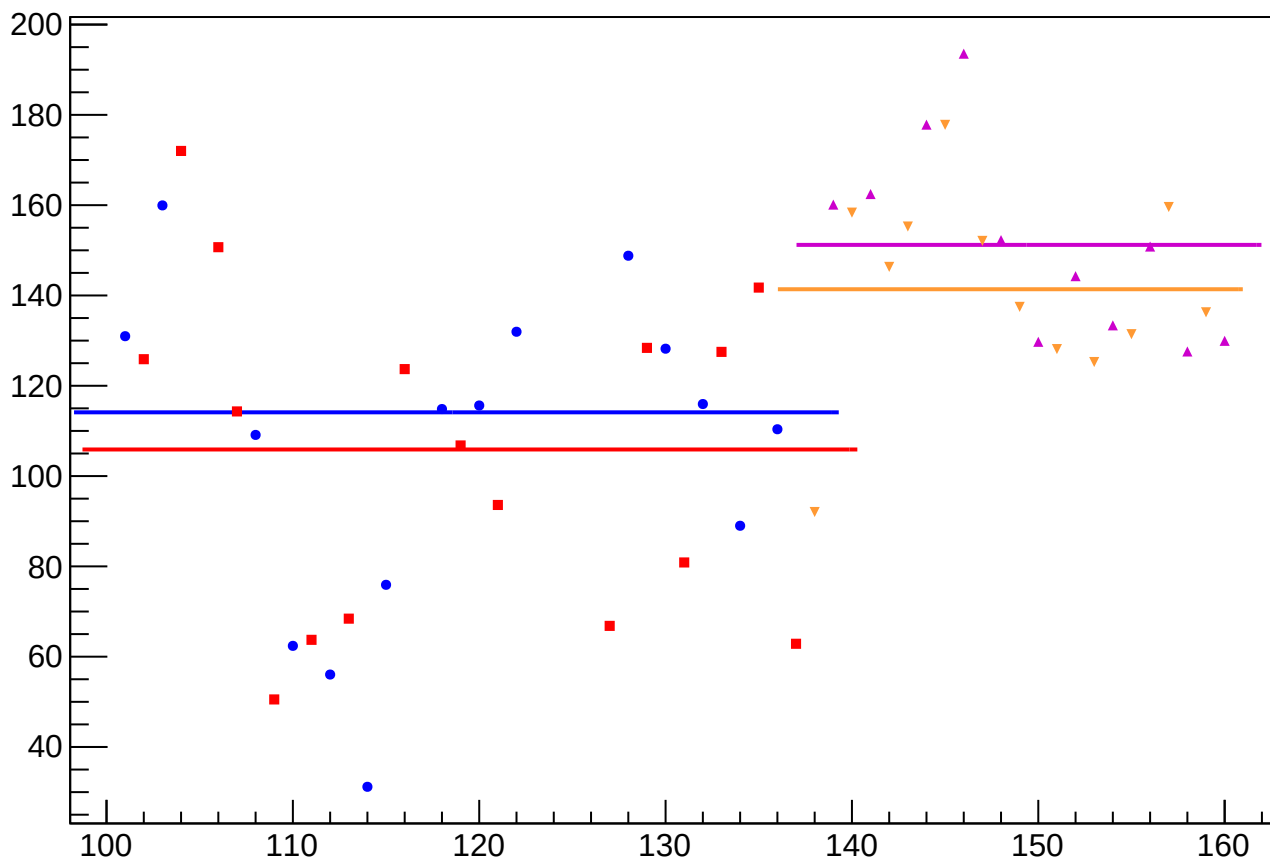
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

+ sign 130.082 $\pm$ 0.000 χ^2 /NDF: 130663489676661

Left Out: 141.380 $\pm$ 0.000 χ^2 /NDF: 416963026310292285514058989674954752.0/11

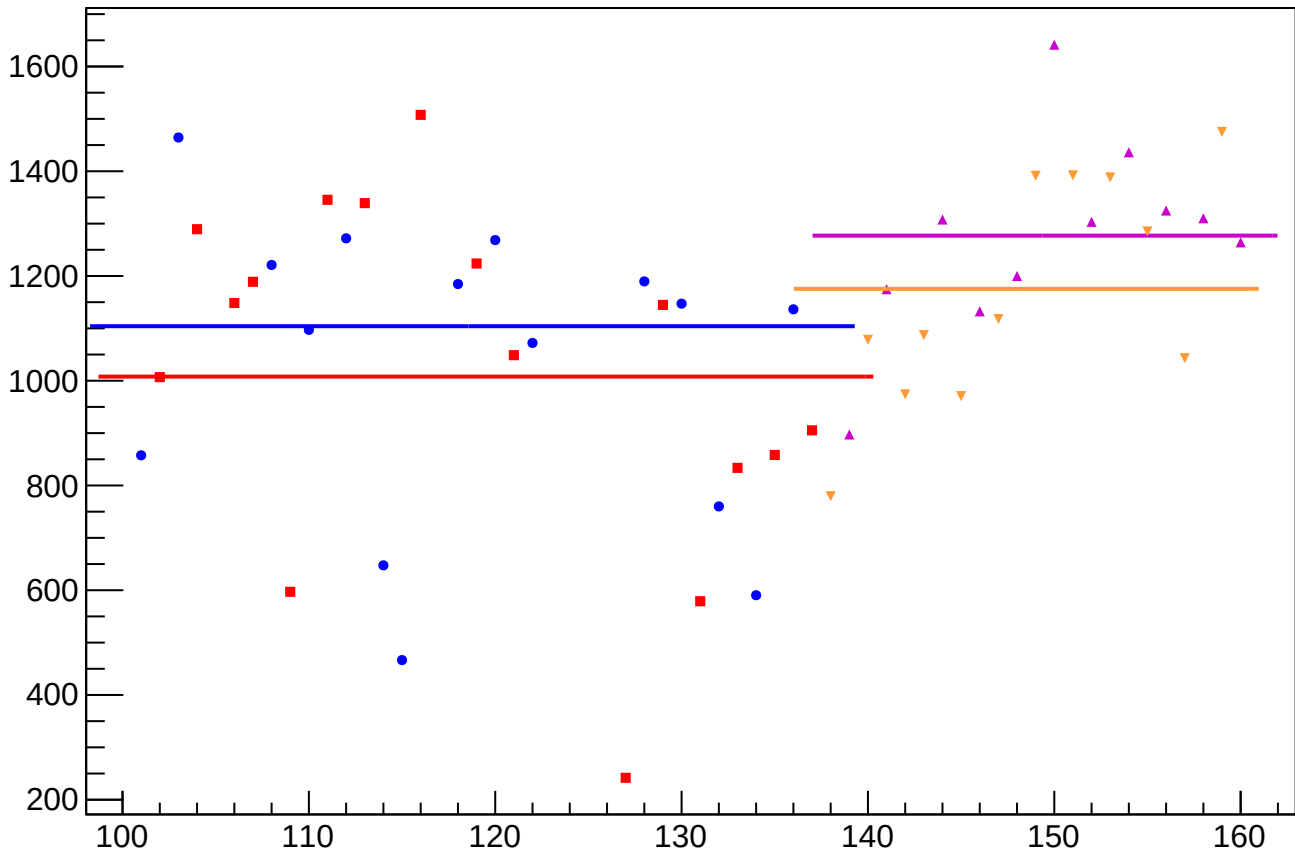
All: 131.152 $\pm$ 0.000 χ^2 /NDF: 333967931914

Right Out: 105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15

- sign 132.206 $\pm$ 0.000 χ^2 /NDF: 202948230636755

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

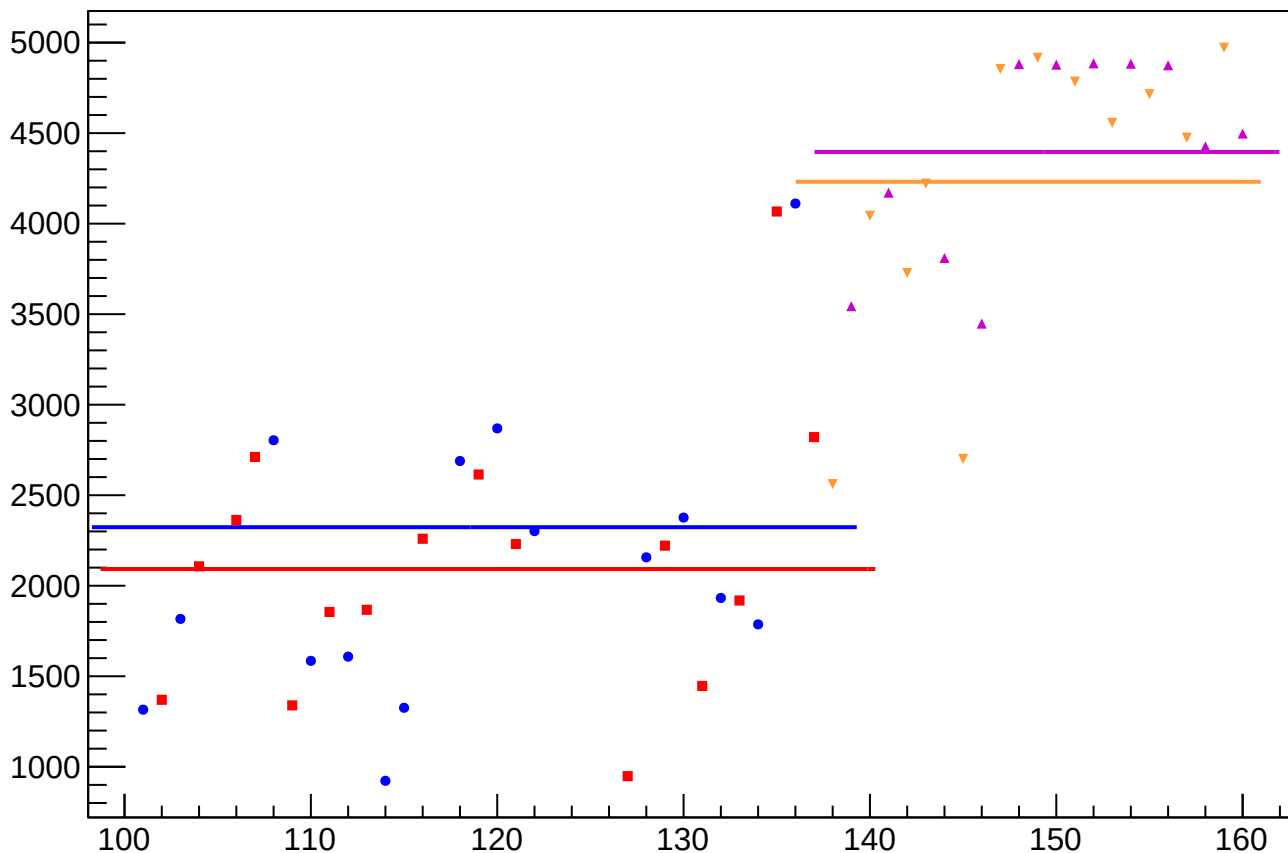
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

All: 1155.145+/-0.000 χ^2/NDF : 20163313284.0/44

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

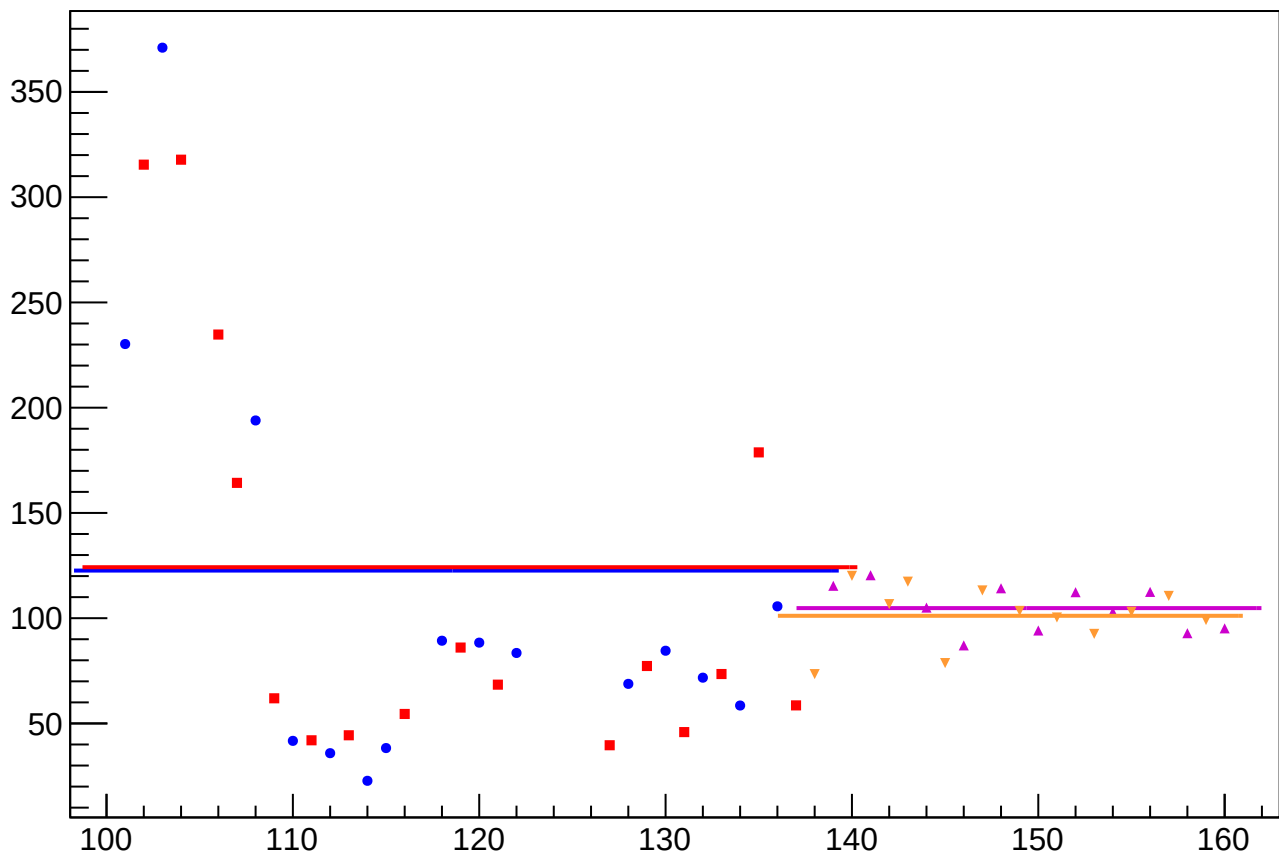
Left In: 4396.069+/-0.000 χ^2/NDF : 270326441631367265143713722564756897792.0/10

+ sign 3440.641+/-0.000 χ^2/NDF : 24511476216121

All: 3435.439+/-0.000 χ^2/NDF : 51443191328

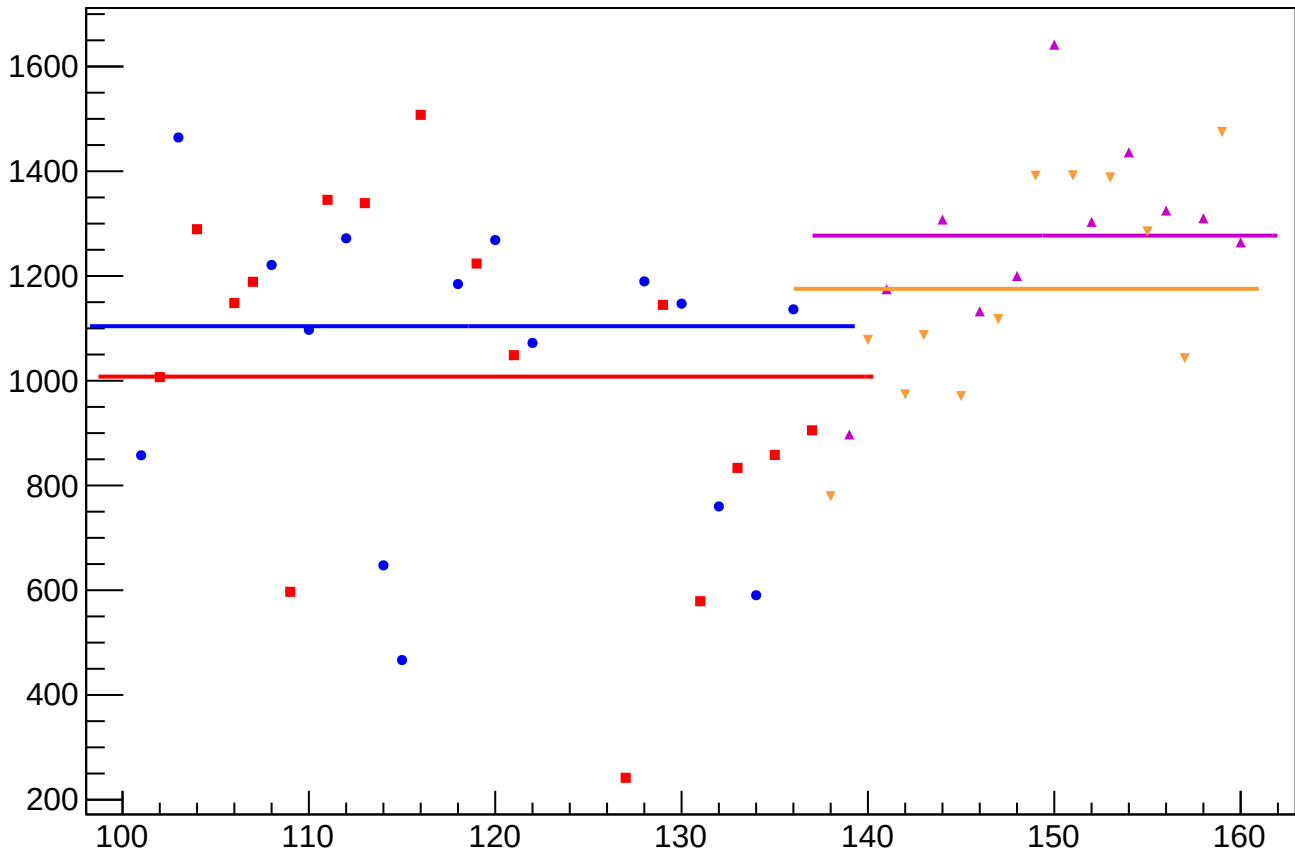
- sign 3430.319+/-0.000 χ^2/NDF : 26930874223674

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

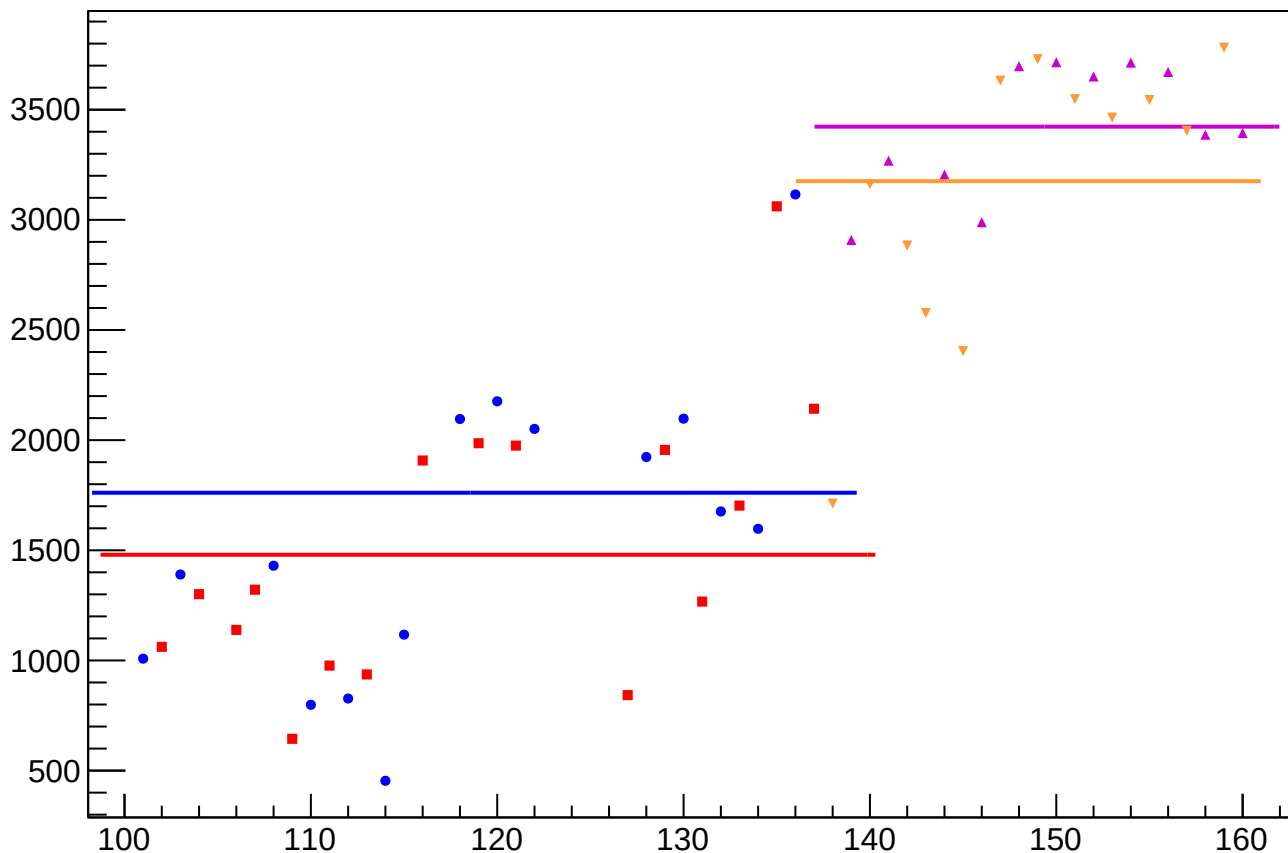
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

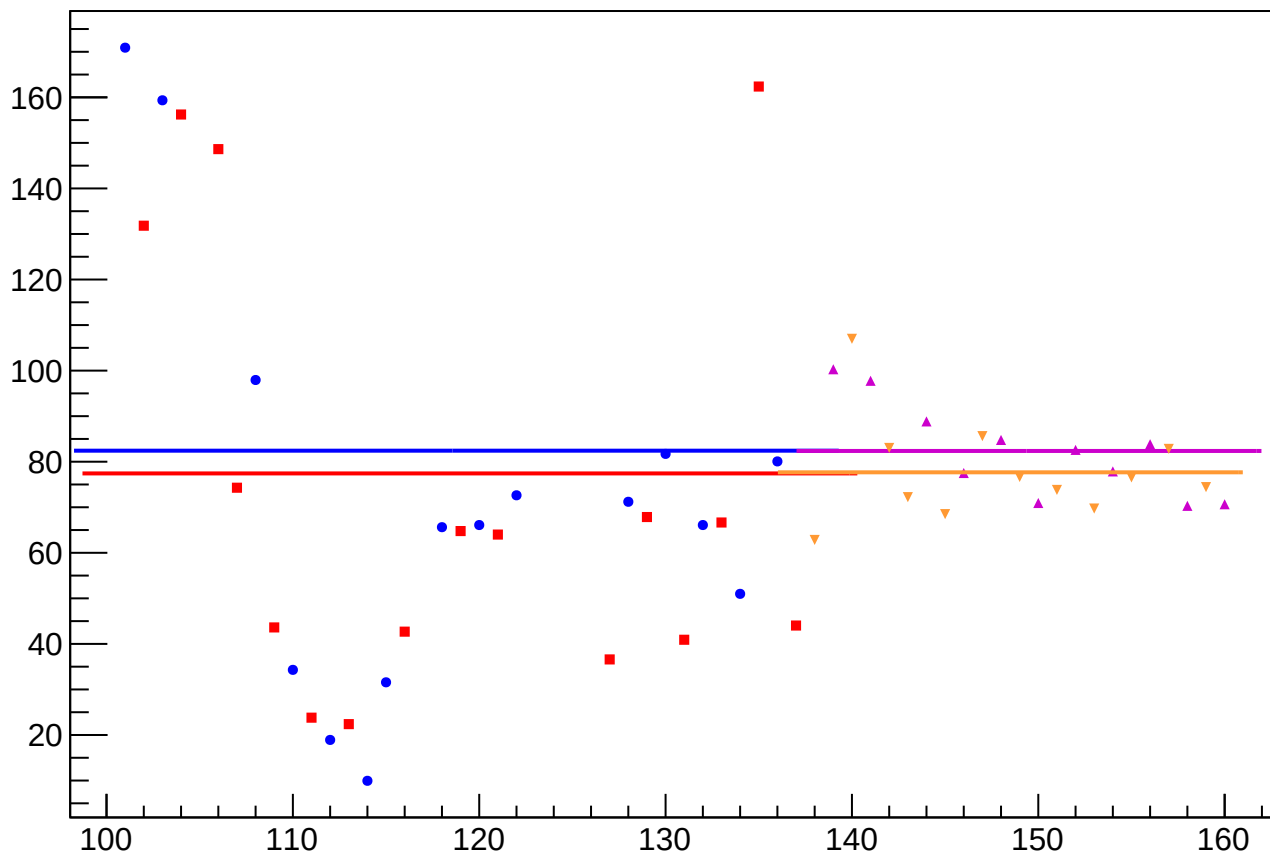
Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

+ 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



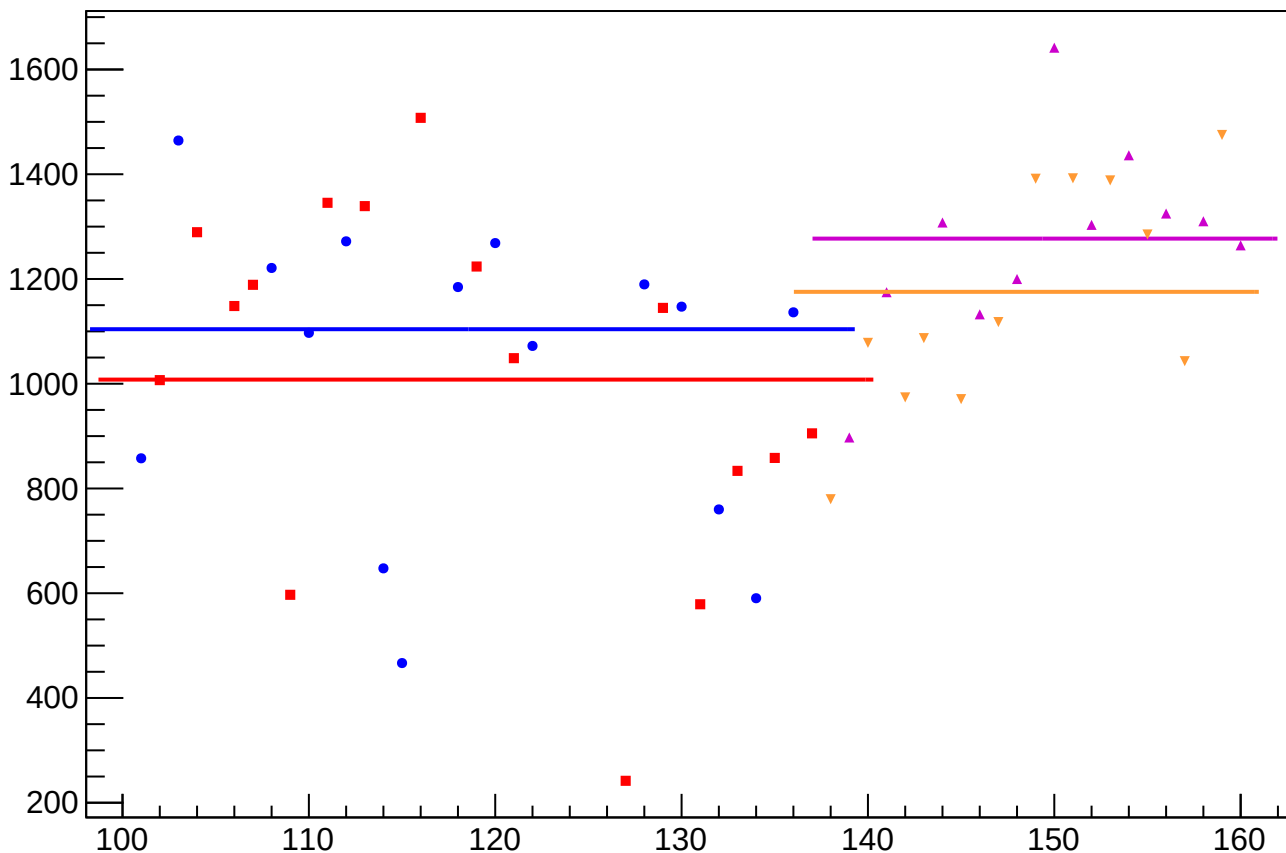
Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

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

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

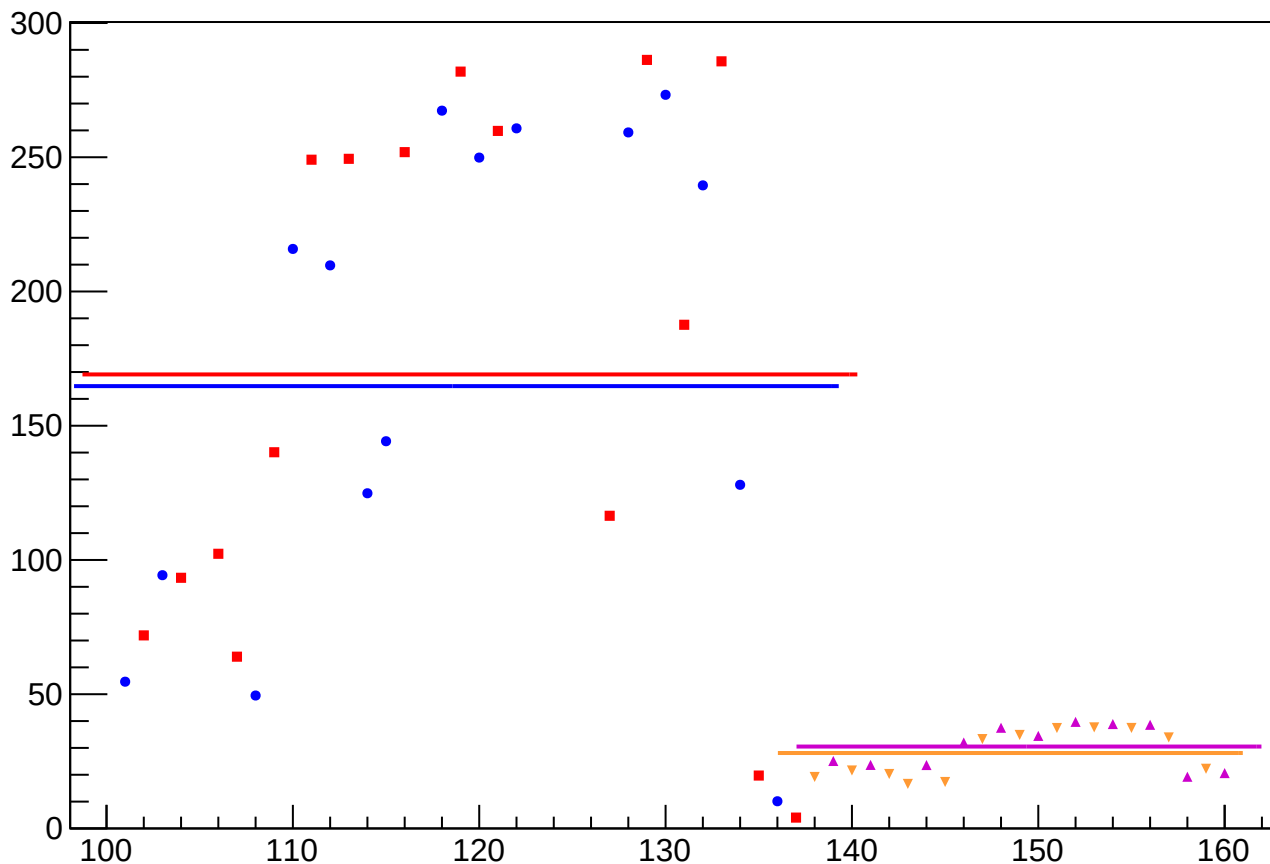
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

- 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

+ sign 84.733+/-0.000 χ^2/NDF : 1352997294954510

Left Out: 28.100+/-0.000 χ^2/NDF : 63517357309911090447070669792346112.0/11

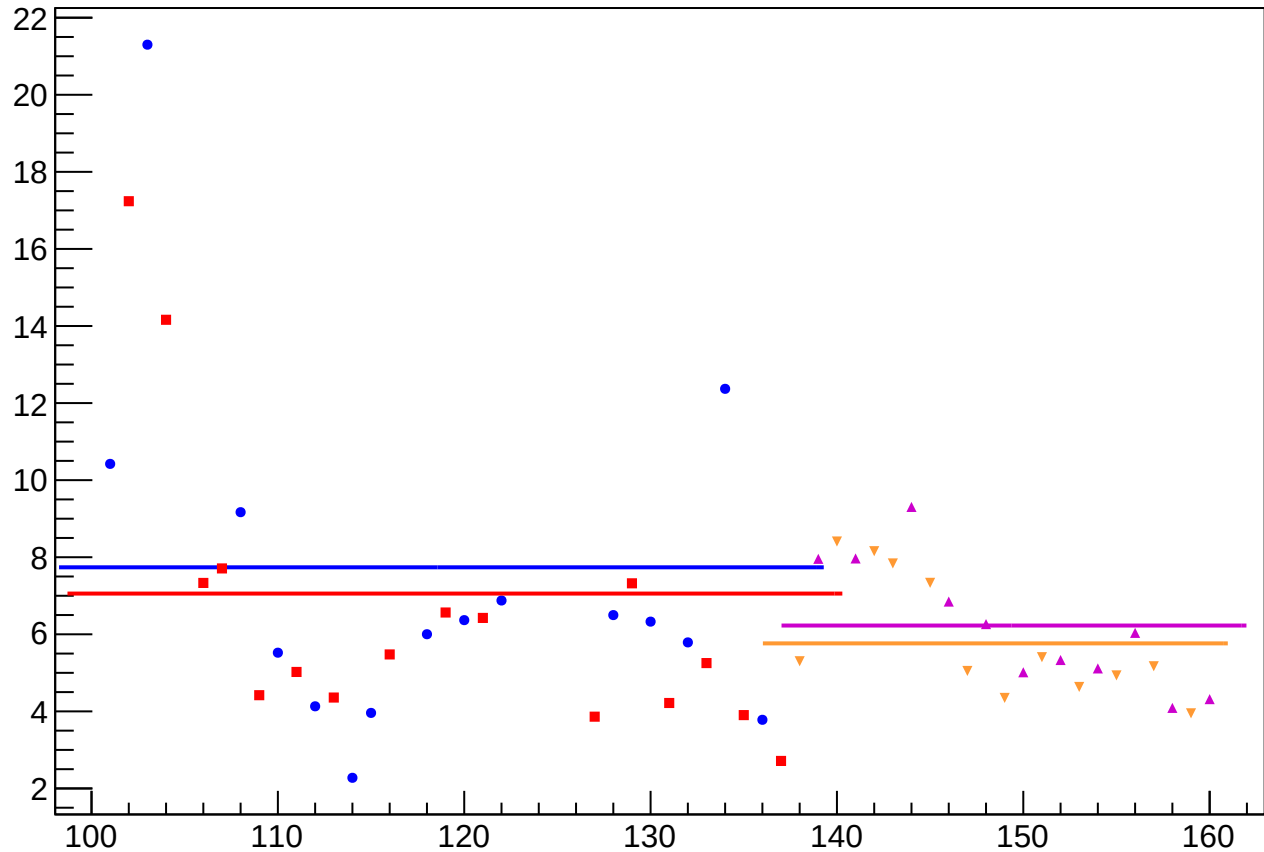
All: 86.688+/-0.000 χ^2/NDF : 2707660561203

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

- sign 88.613+/-0.000 χ^2/NDF : 1353475070284198

Left In: 30.507+/-0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738 $\pm$ 0.000 χ^2 /NDF: 15127215479234506007469492768079872.0/14

Left Out: 5.764 $\pm$ 0.000 χ^2 /NDF: 2014473932574383690261327211659264.0/11

Right Out: 7.057 $\pm$ 0.000 χ^2 /NDF: 11292441204139394792341242753581056.0/15

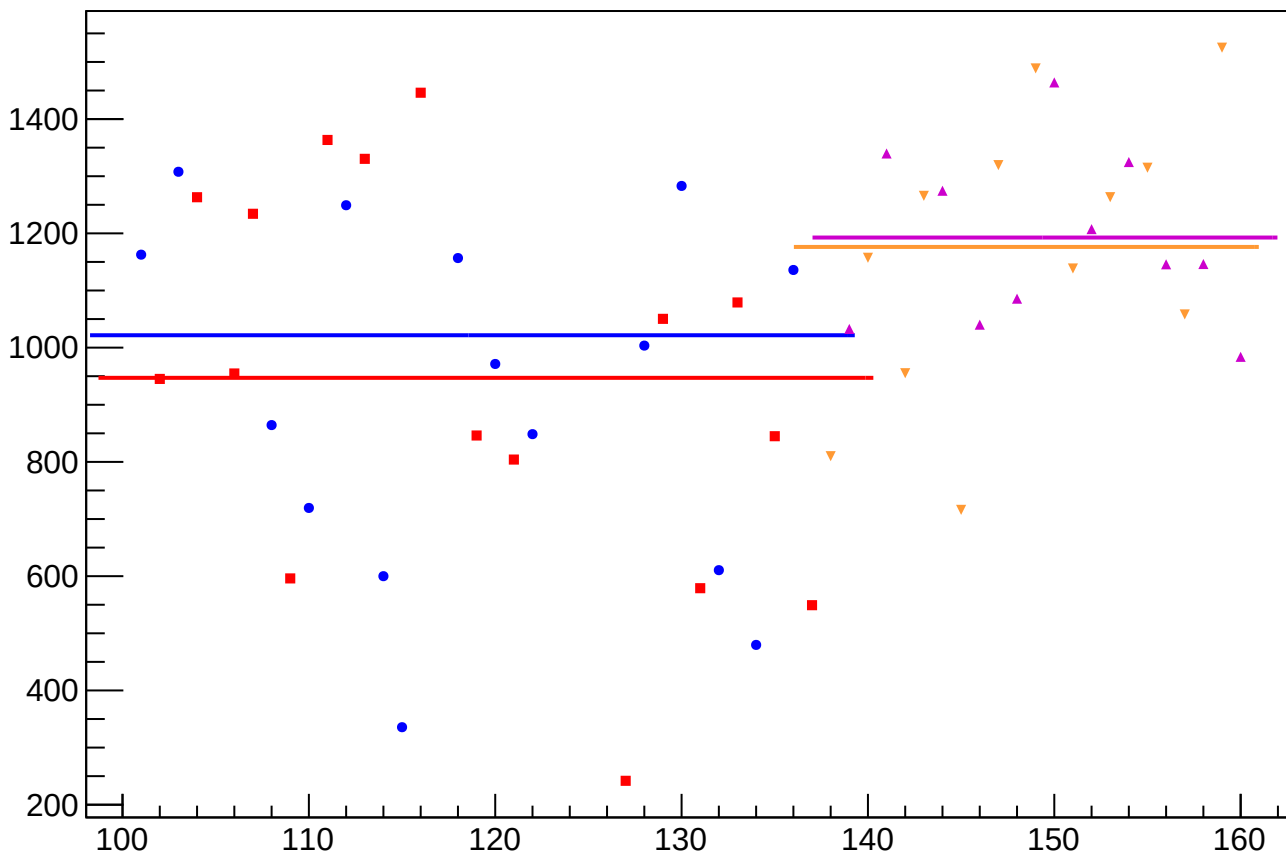
Left In: 6.228 $\pm$ 0.000 χ^2 /NDF: 2331911751655733809355489024147456.0/10

+ sign 6.582 $\pm$ 0.000 χ^2 /NDF: 18622625397186852

All: 6.579 $\pm$ 0.000 χ^2 /NDF: 32513446836345

- sign 6.575 $\pm$ 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

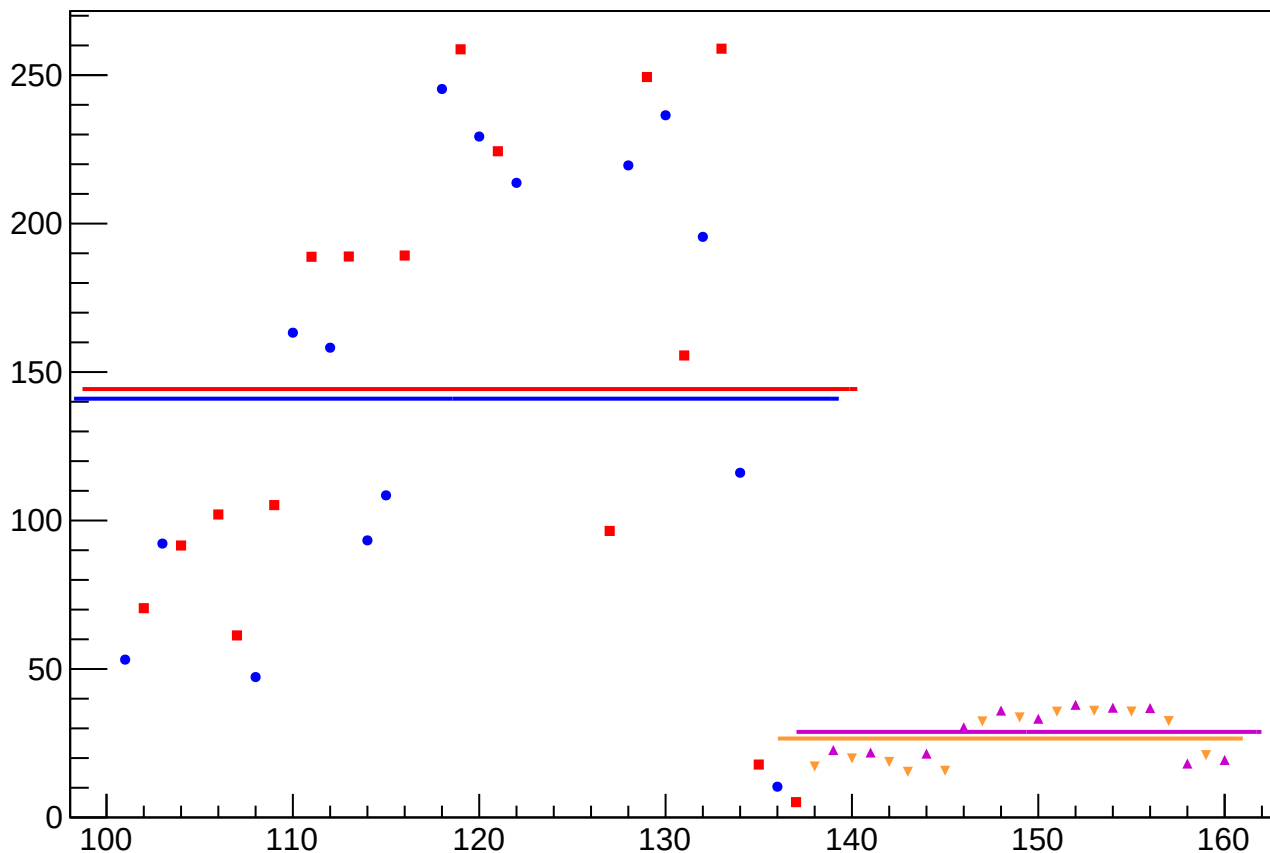
Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

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 : 2137192276
 - 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

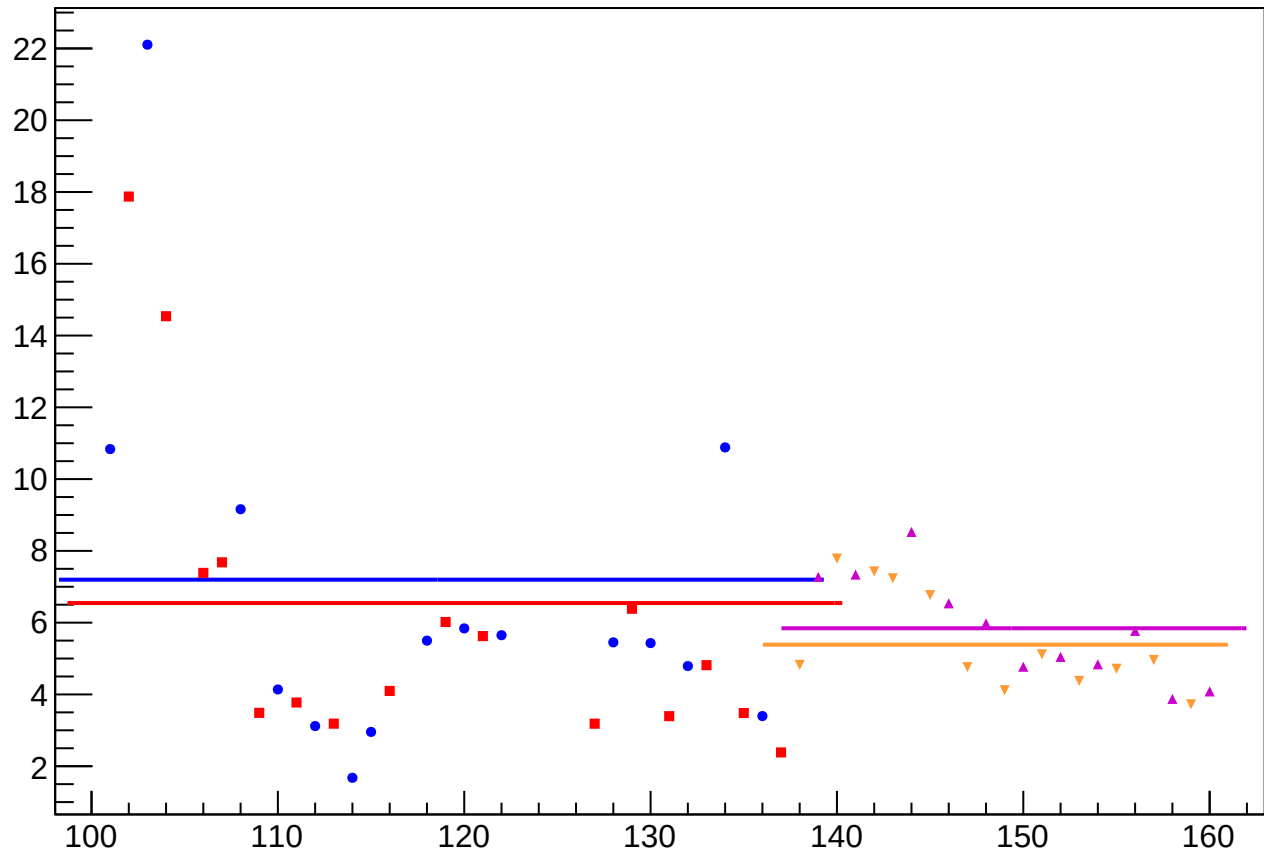
Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

All: 75.631+/-0.000 χ^2/NDF : 1904327225315

- sign 77.224+/-0.000 χ^2/NDF : 9485278065945565

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.387+/-0.000 χ^2/NDF : 1602138249882478814835943843823616.0/11

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

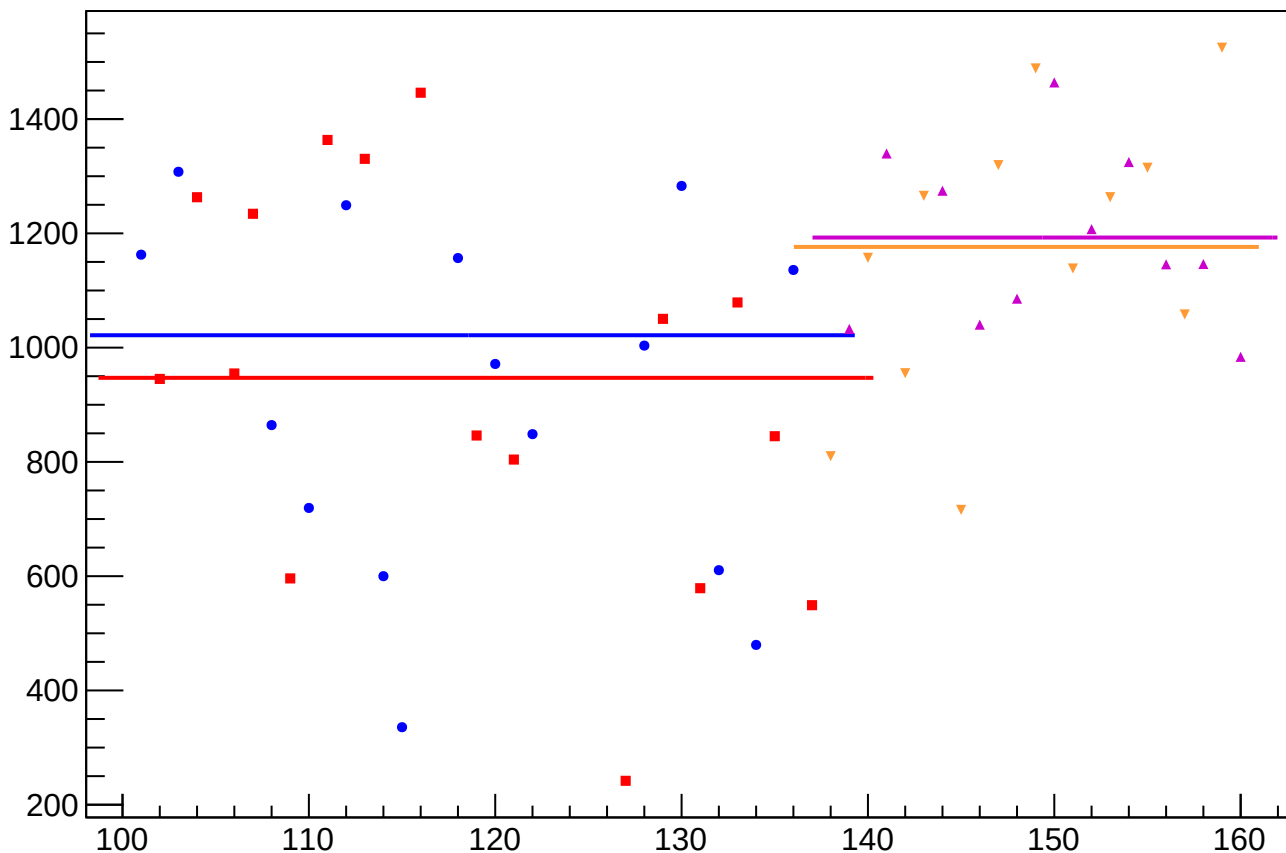
Left In: 5.843+/-0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

+ sign 6.137+/-0.000 χ^2/NDF : 21061601149894292

All: 6.138+/-0.000 χ^2/NDF : 37164899106556

- sign 6.138+/-0.000 χ^2/NDF : 16103297183746368

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

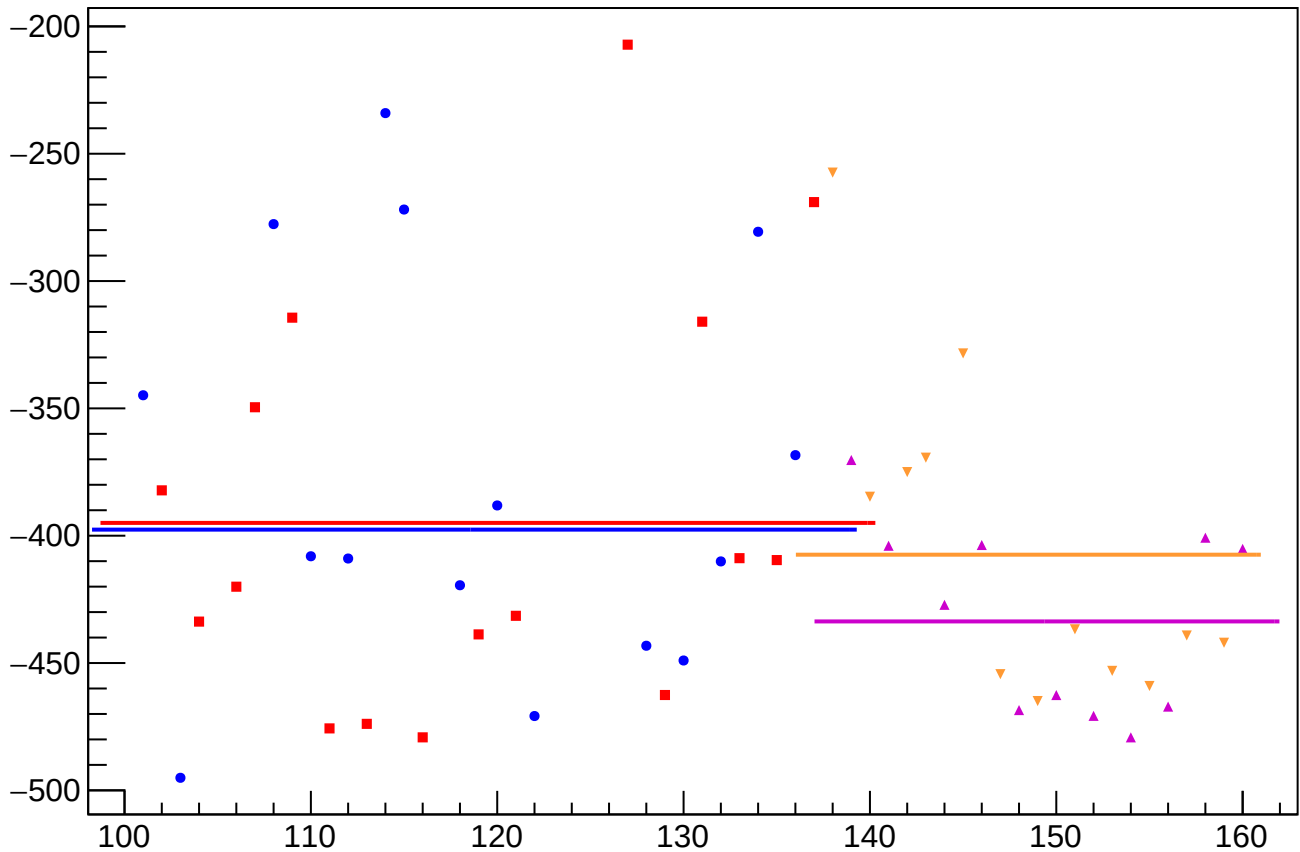
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

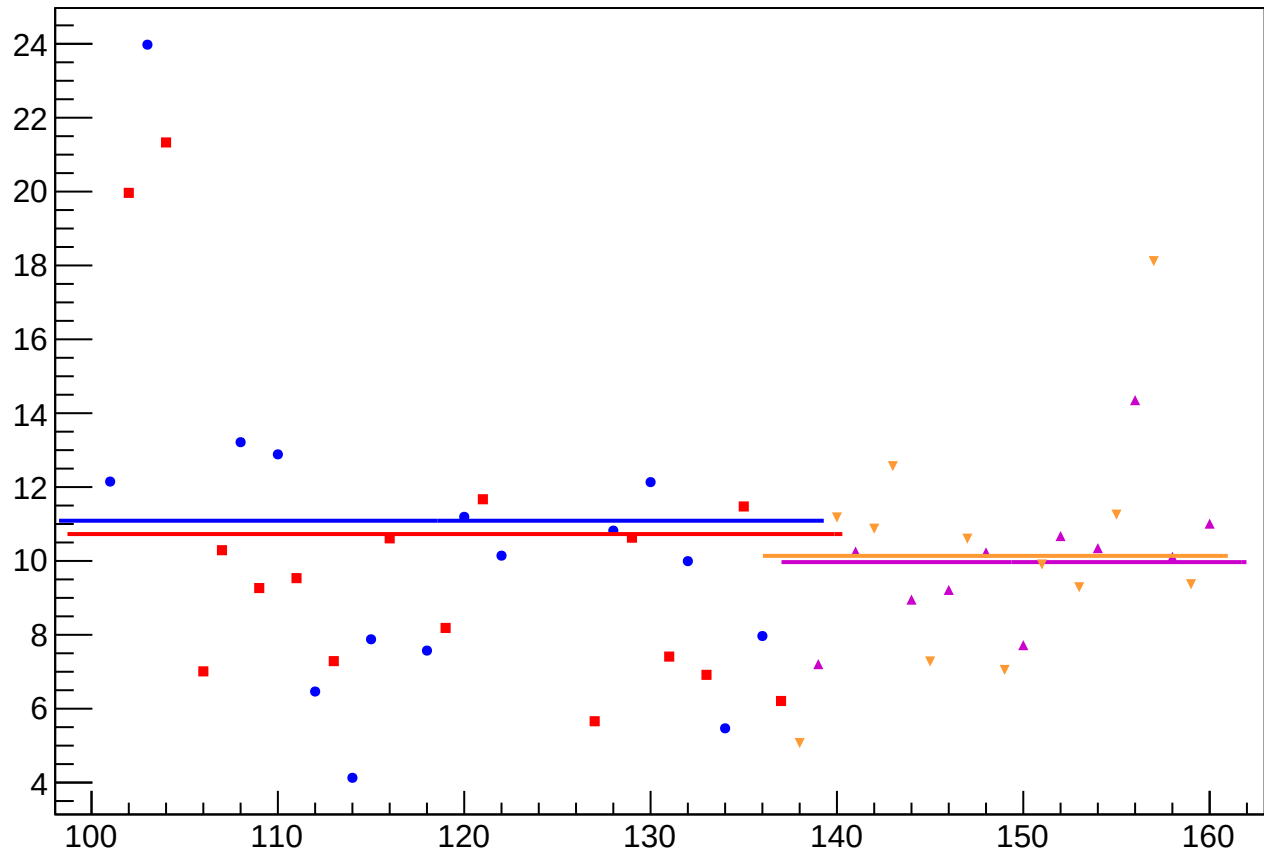
Left In: -433.664+/-0.000 χ^2/NDF : 1198237421385461104687495484599697408.0/10

+ 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

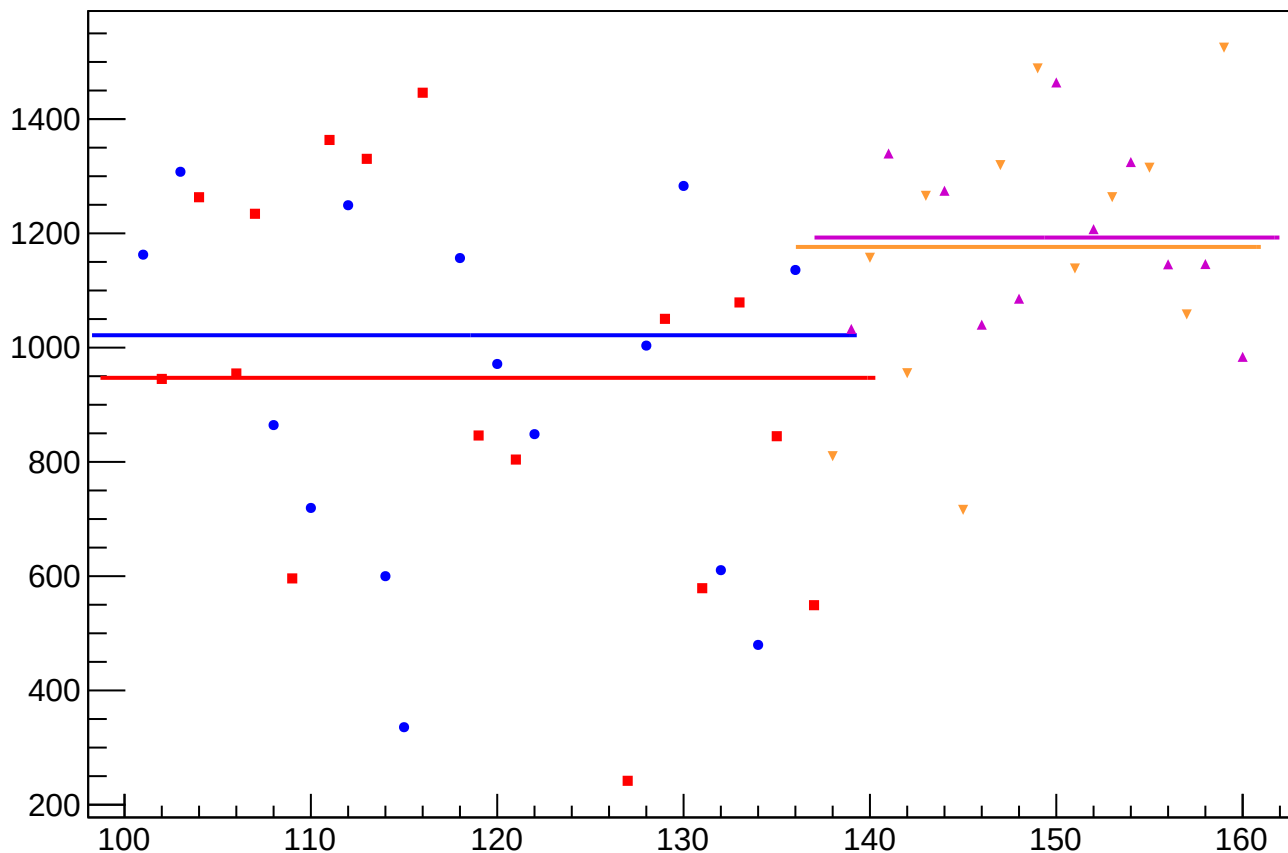
Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

All: 10.408 $\pm$ 0.000 χ^2 /NDF: 4175745912781

+ sign 10.532 $\pm$ 0.000 χ^2 /NDF: 2381392640071486

- sign 10.287 $\pm$ 0.000 χ^2 /NDF: 1789615499240610

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

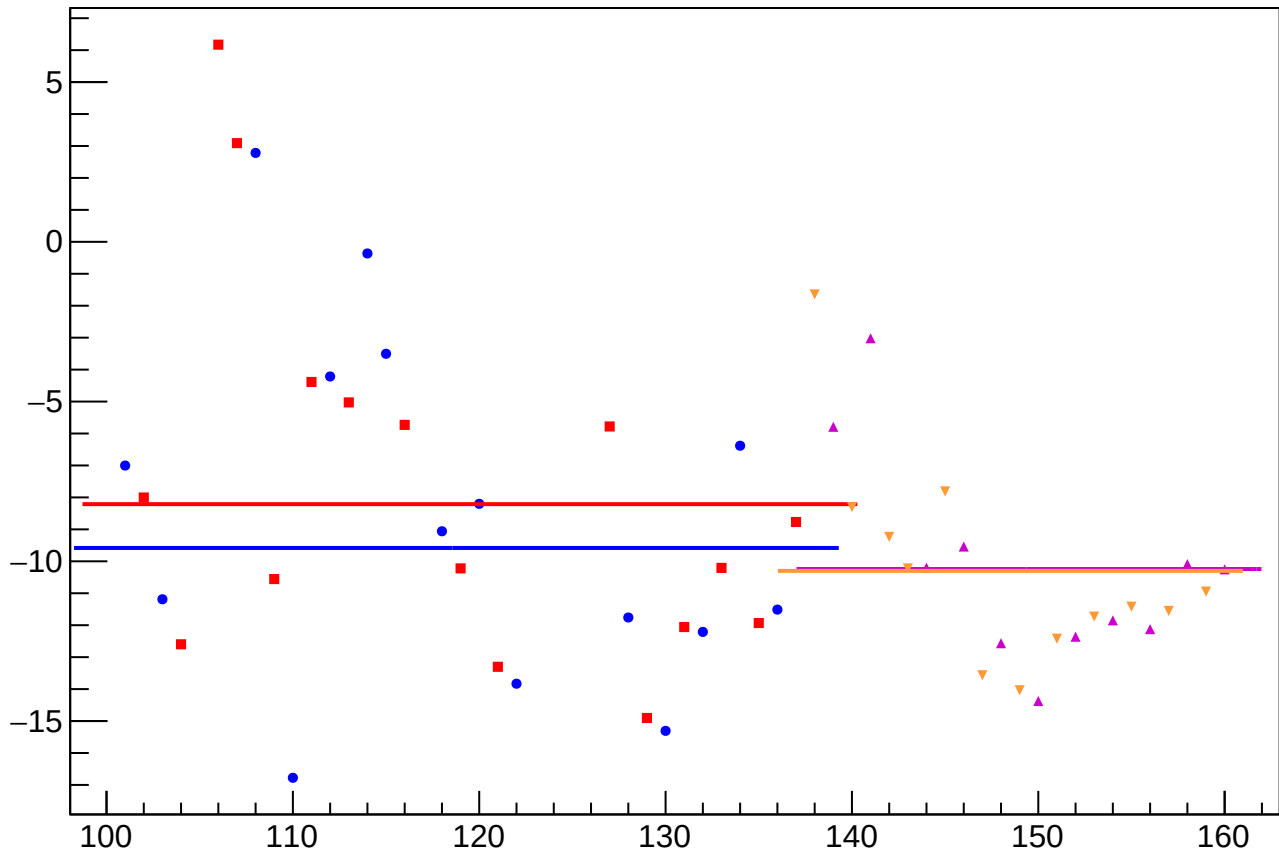
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ 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_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

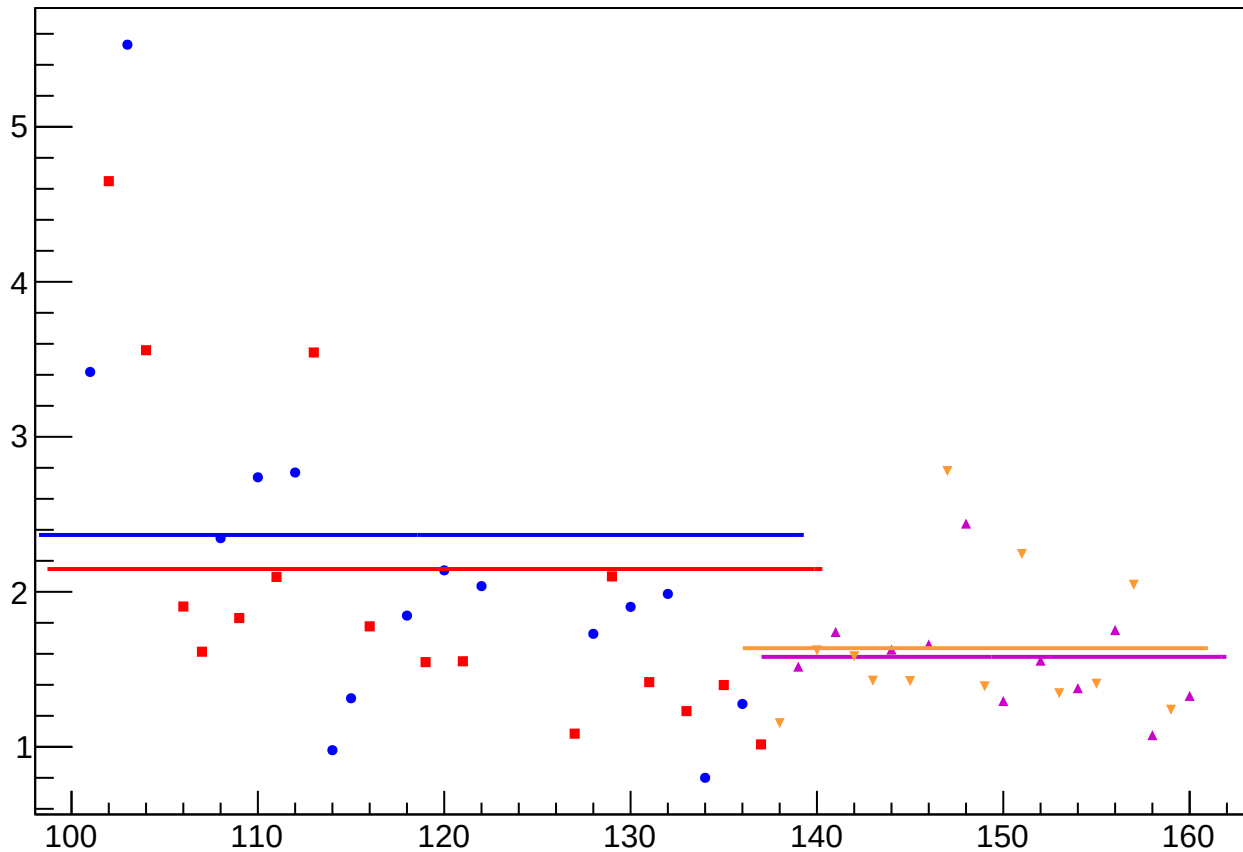
Left In: -10.241 ± 0.000 χ^2/NDF : 8992829088408430483485977772818432.0/10

+ sign -10.002 ± 0.000 χ^2/NDF : 244052394679521

All: -9.694 ± 0.000 χ^2/NDF : 5359465497028

- sign -9.390 ± 0.000 χ^2/NDF : 28893819596025267

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 ± 0.000 χ^2/NDF : 920633294546152876922066767446016.0/14

Left Out: 1.637 ± 0.000 χ^2/NDF : 197584846951597051944769289191424.0/11

Right Out: 2.147 ± 0.000 χ^2/NDF : 764171992480224478656127555338240.0/15

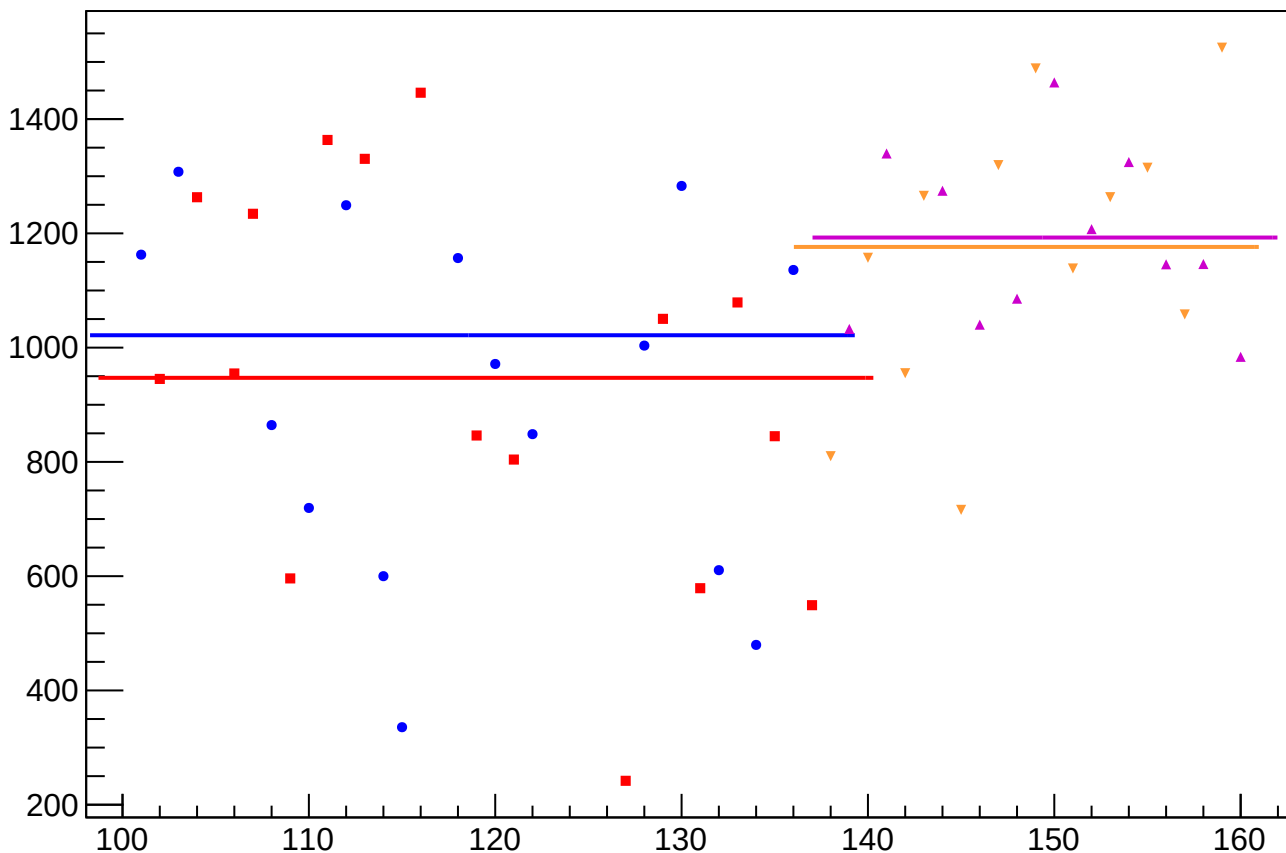
Left In: 1.580 ± 0.000 χ^2/NDF : 104159820106689813353171792166912.0/10

+ sign 1.939 ± 0.000 χ^2/NDF : 13209687633511576

All: 1.878 ± 0.000 χ^2/NDF : 23253033241293

- sign 1.818 ± 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

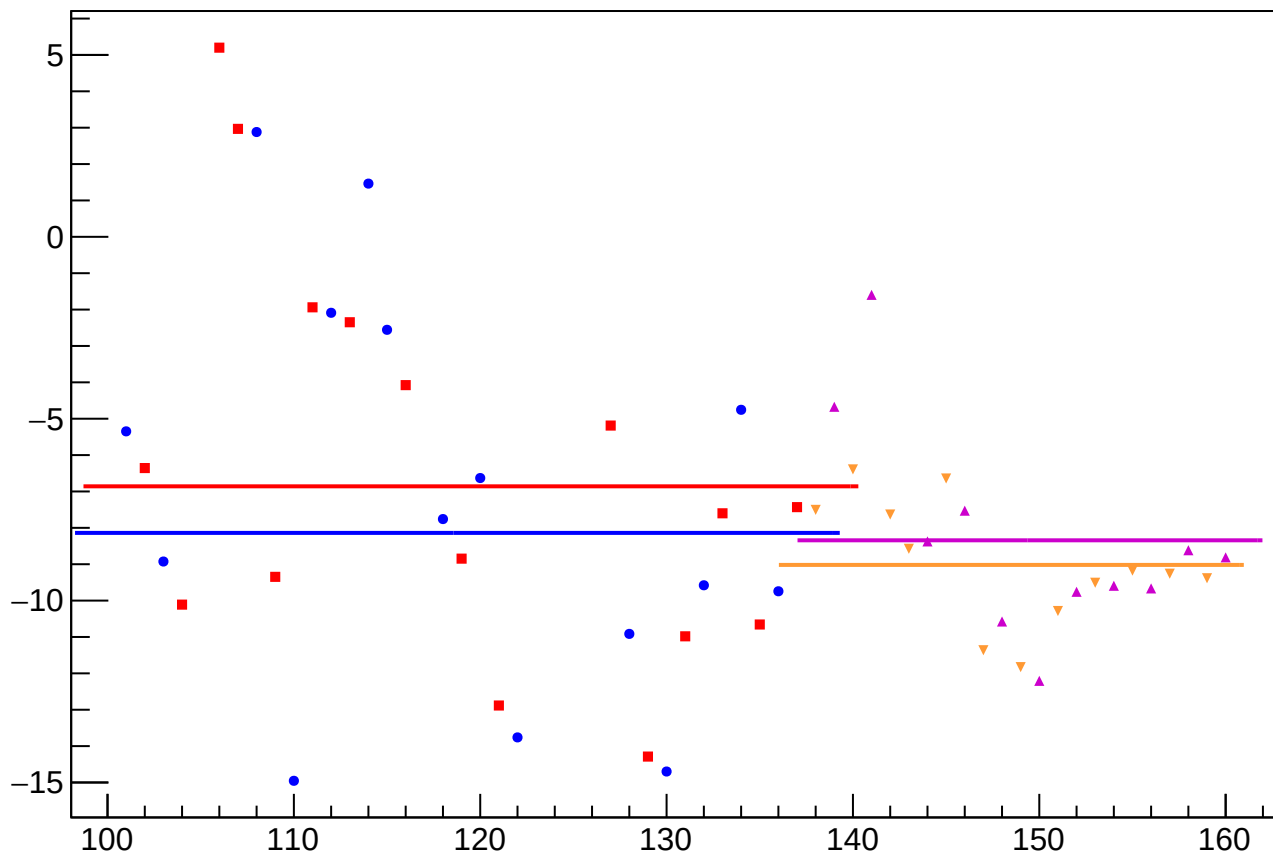
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

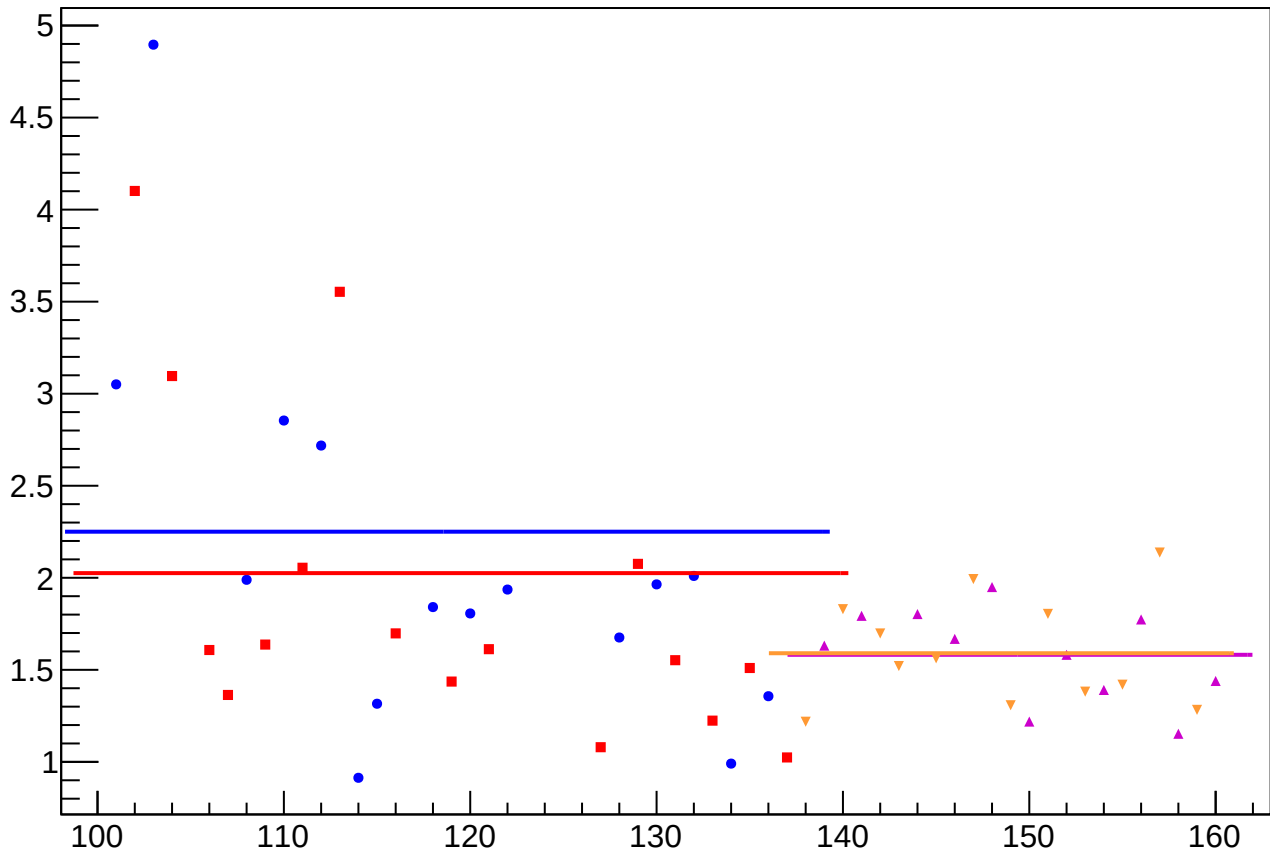
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.654 ± 0.000 χ^2/NDF : 1752717108252513

All: -8.184 ± 0.000 χ^2/NDF : 4282044438070

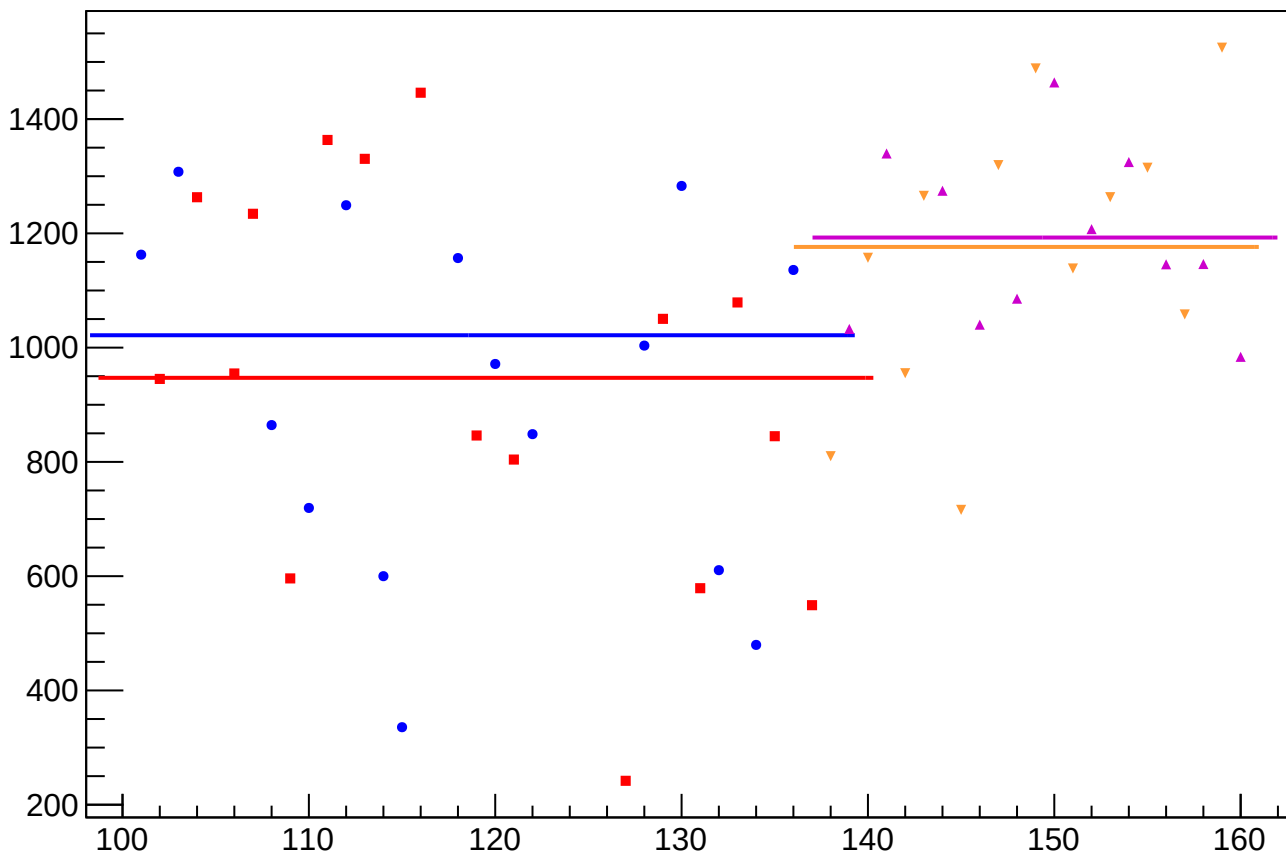
- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 $\pm$ 0.000 χ^2 /NDF: 656774588136274816295442701090816.0/14
 Left Out: 1.590 $\pm$ 0.000 χ^2 /NDF: 76554351114693669605218090745856.0/11
 Right Out: 2.025 $\pm$ 0.000 χ^2 /NDF: 578717441762956454616505599918080.0/15
 Left In: 1.582 $\pm$ 0.000 χ^2 /NDF: 54930988145763434904897999339520.0/10
 + sign 1.864 $\pm$ 0.000 χ^2 /NDF: 89900407422564290
 All: 1.815 $\pm$ 0.000 χ^2 /NDF: 16162226214289
 - sign 1.768 $\pm$ 0.000 χ^2 /NDF: 70992647799477177

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

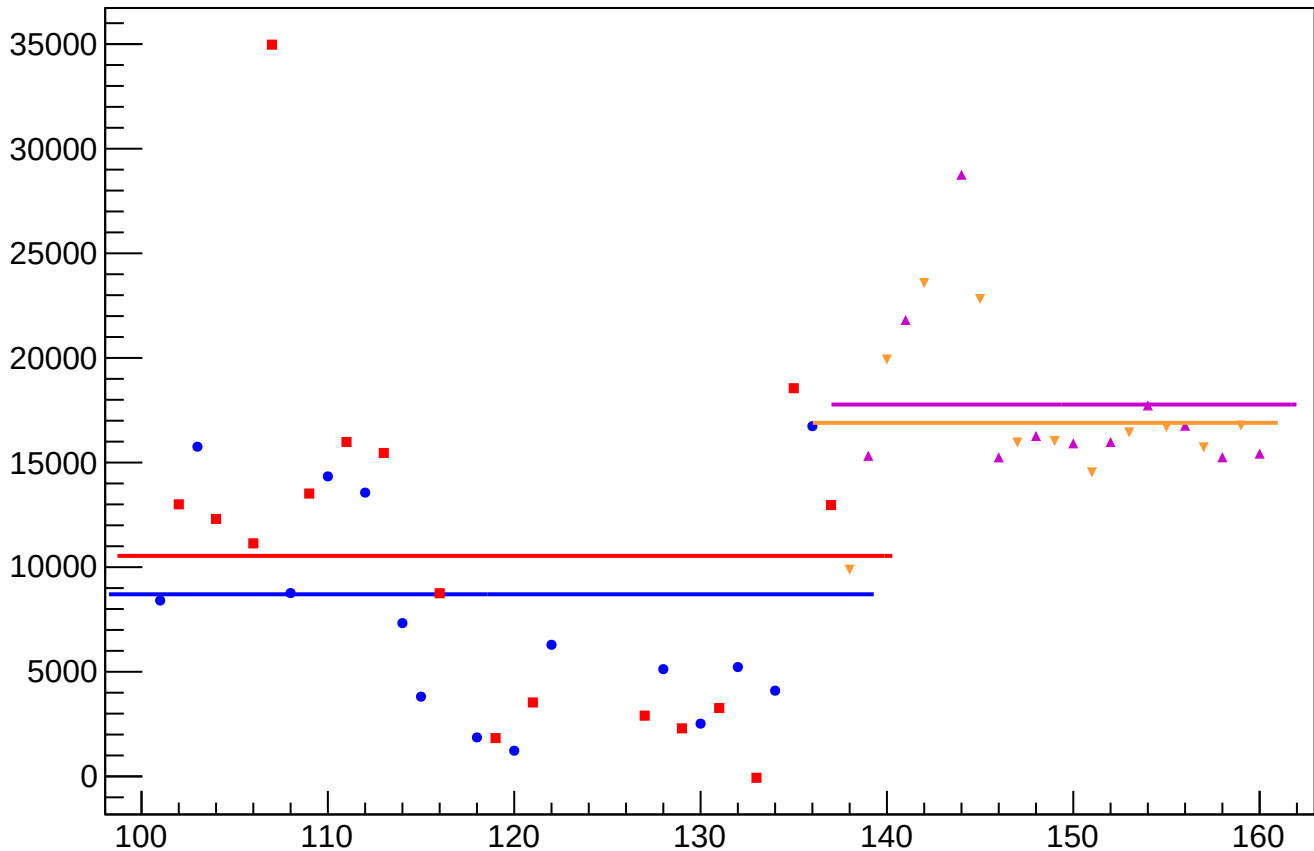
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

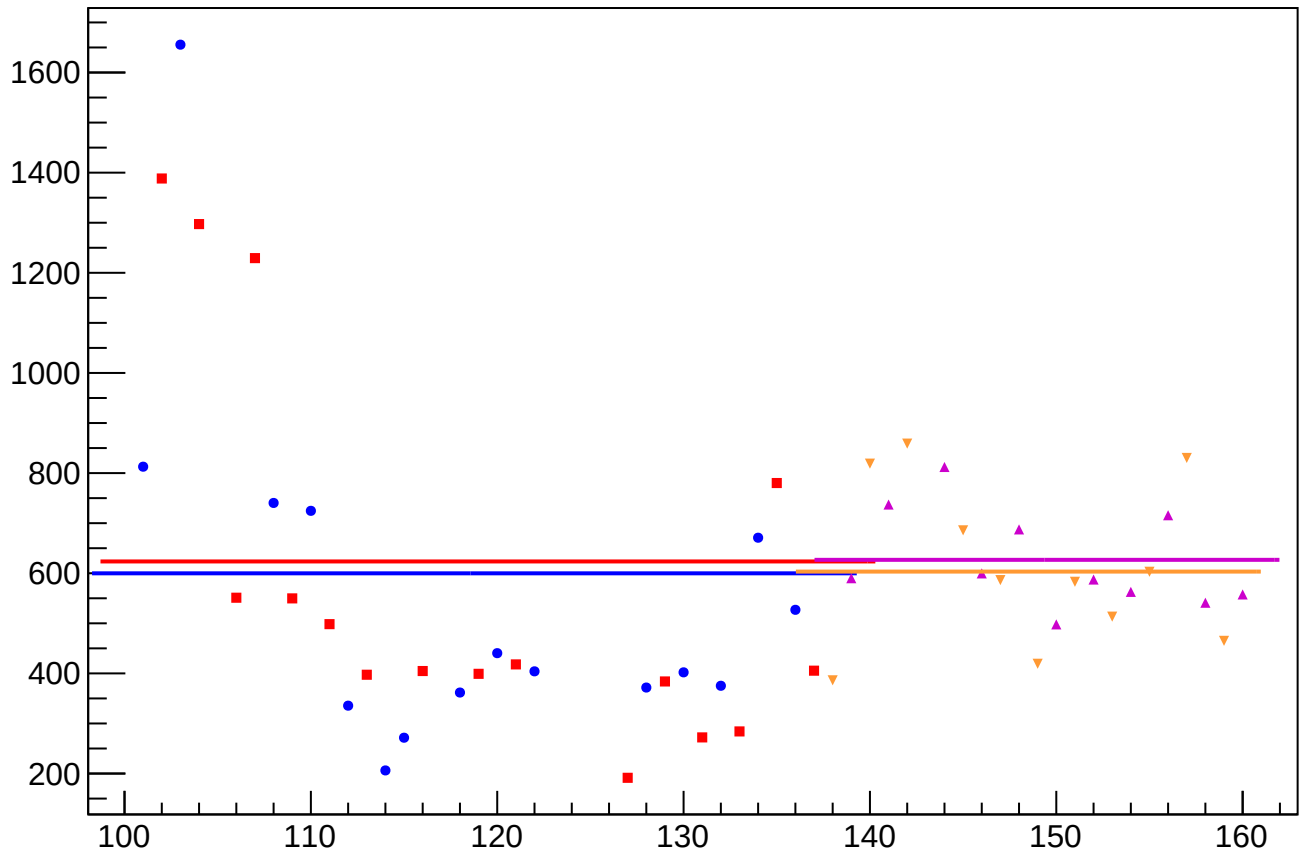
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_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



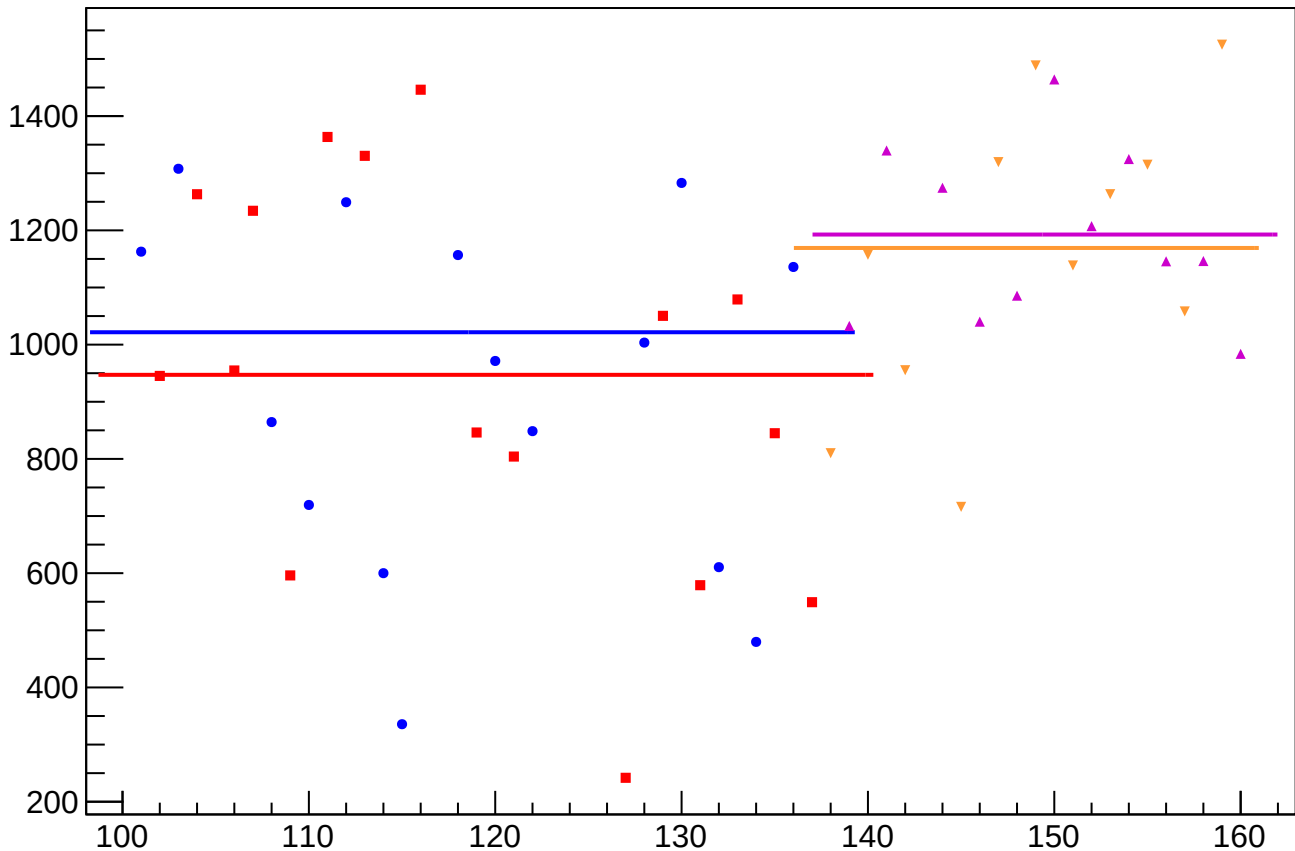
Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 603.317+/-0.000 χ^2/NDF : 20231084325408050976710009900855459840.0/10

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

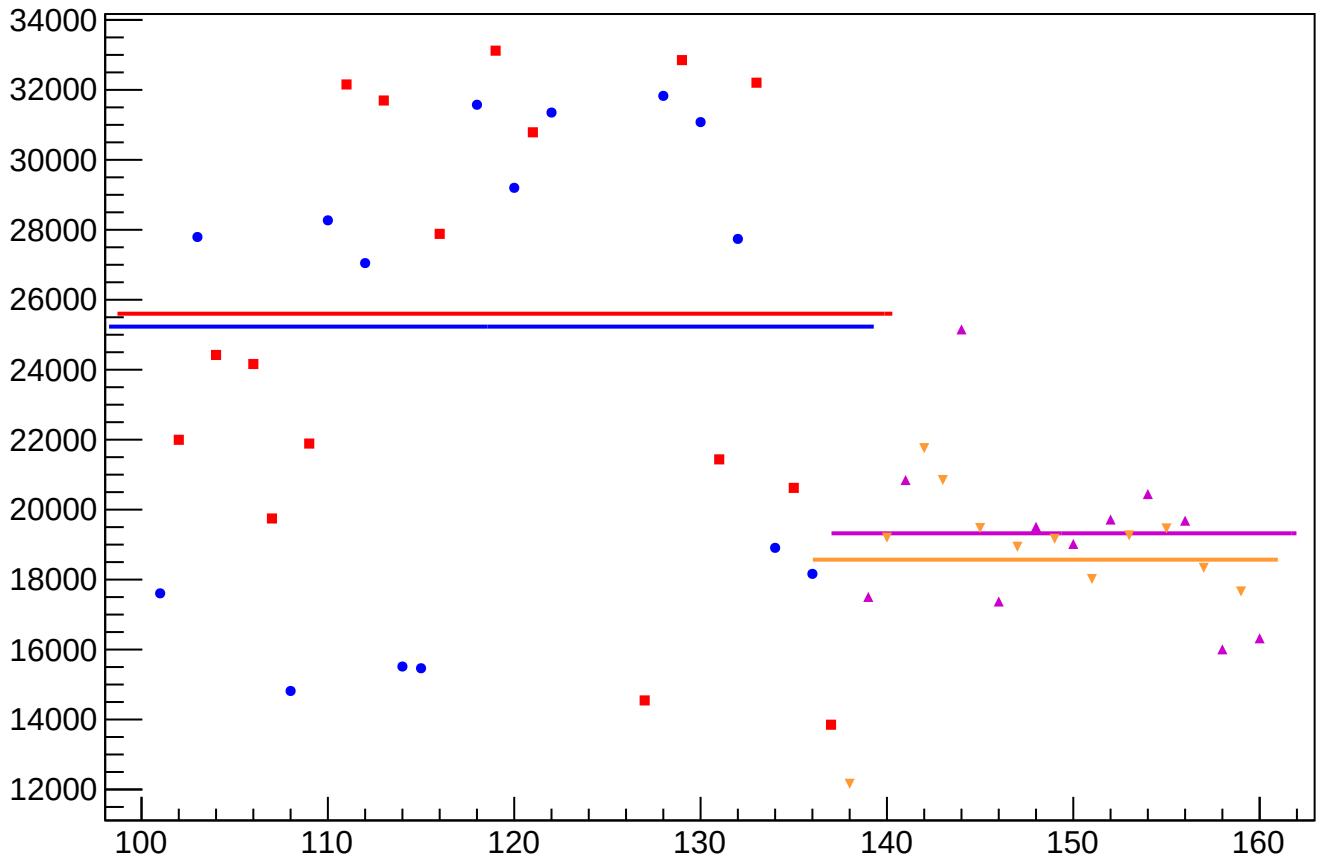
Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

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

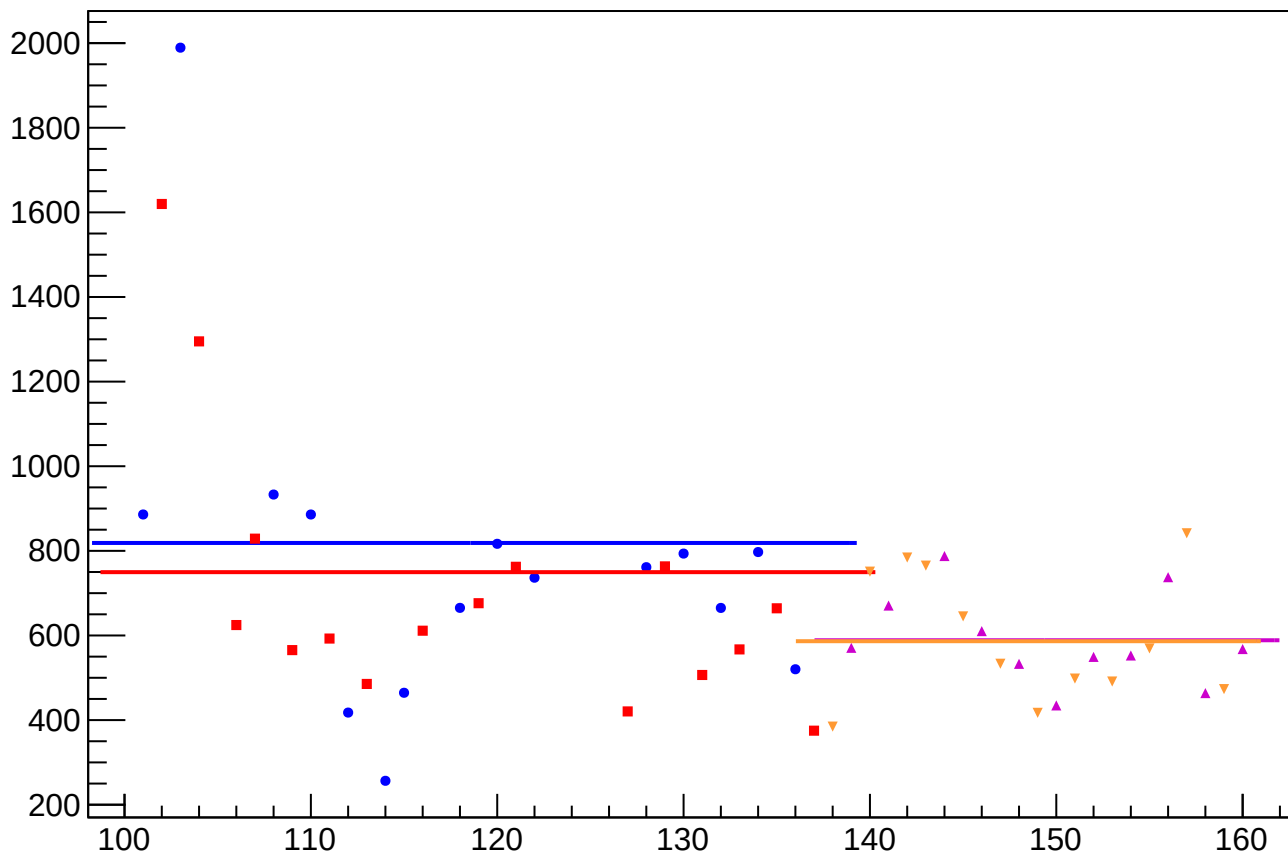
dit_usr_coil7_mean vs Slug



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 χ^2/NDF : 105606527096911974489496802318373355520.0/14

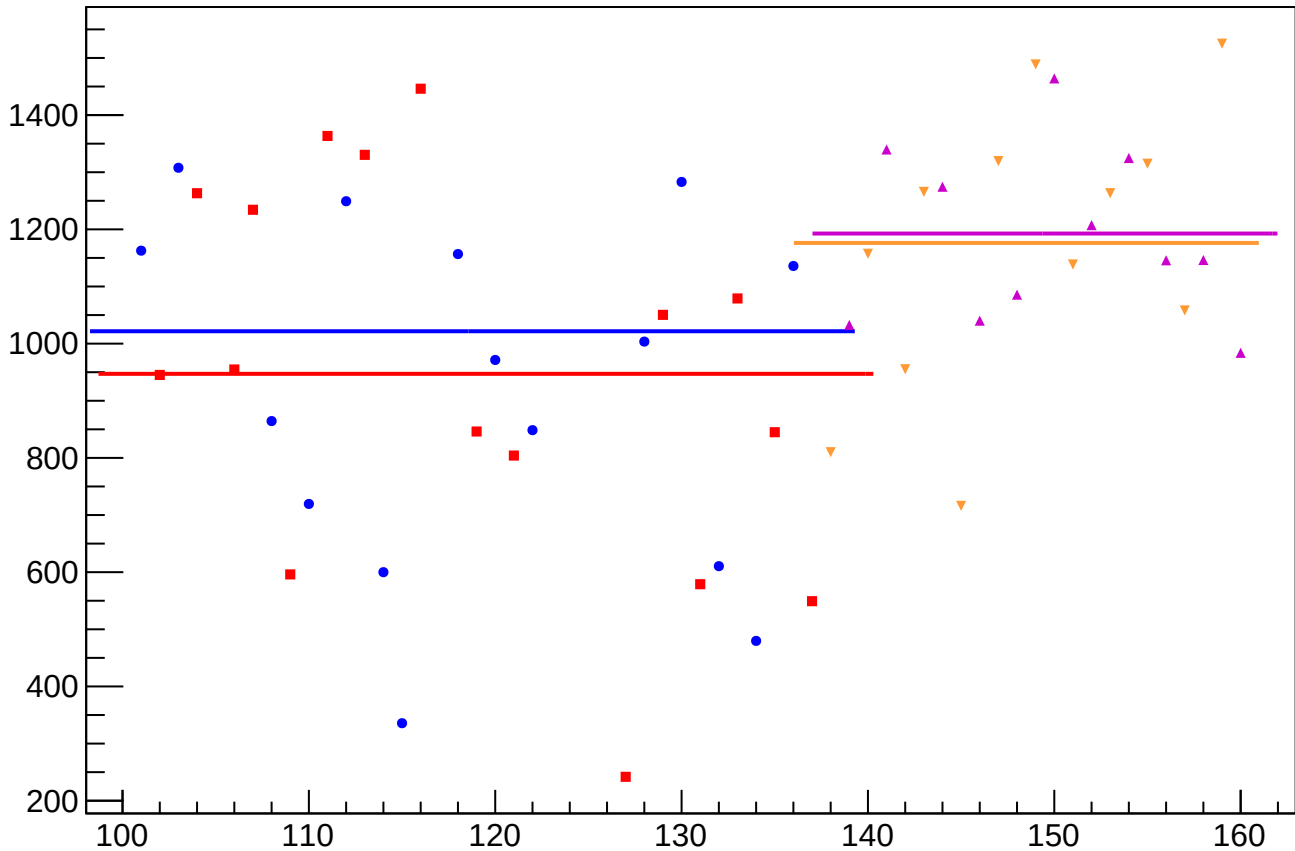
Left Out: 586.466+/-0.000 χ^2/NDF : 19798968336765265919175174287150546944.0/11

Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

Left In: 588.693+/-0.000 χ^2/NDF : 9904386894828699094725074481582178304.0/10

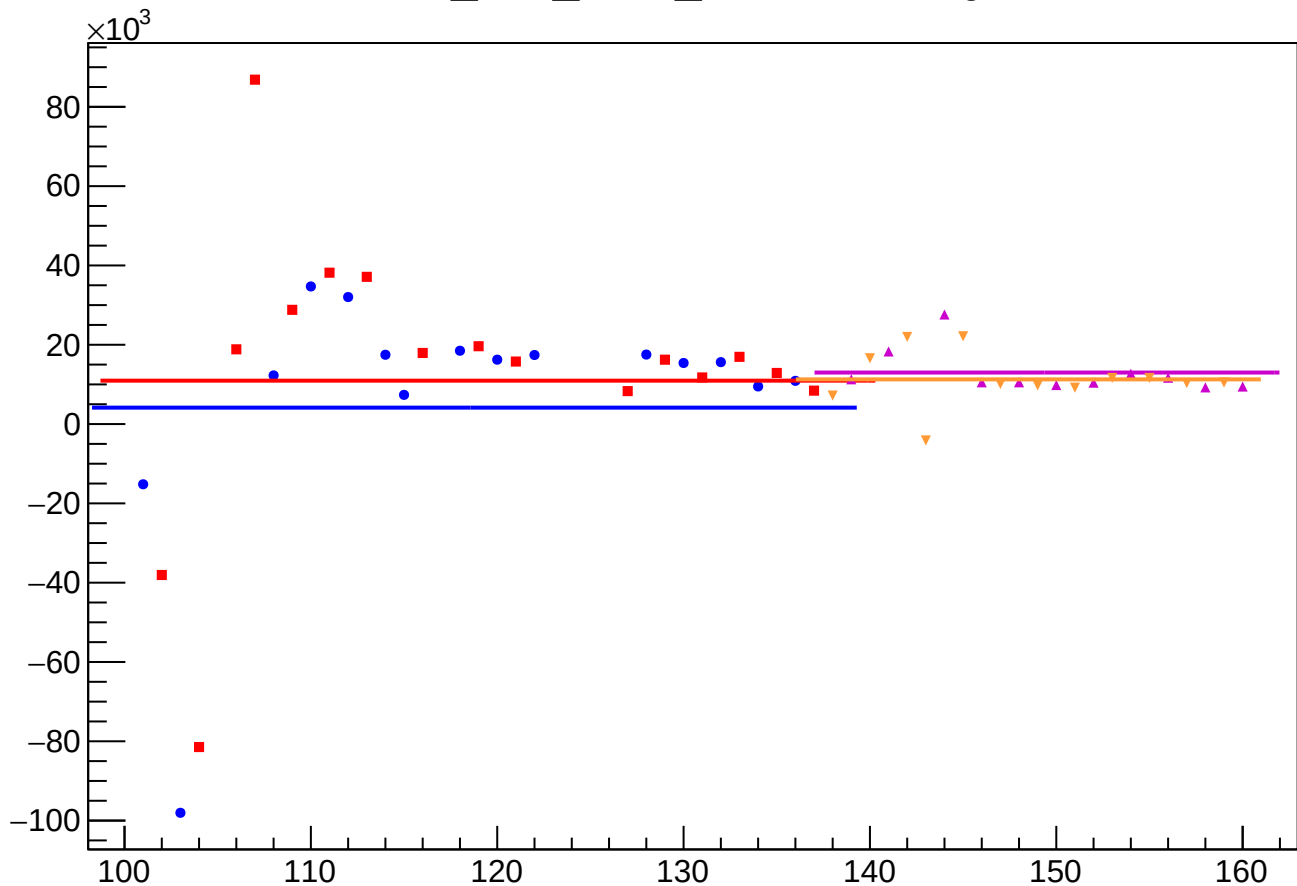
All: 669.332+/-0.000 χ^2/NDF : 24436536048

dit_usr_coil7_Ndata_mean vs Slug



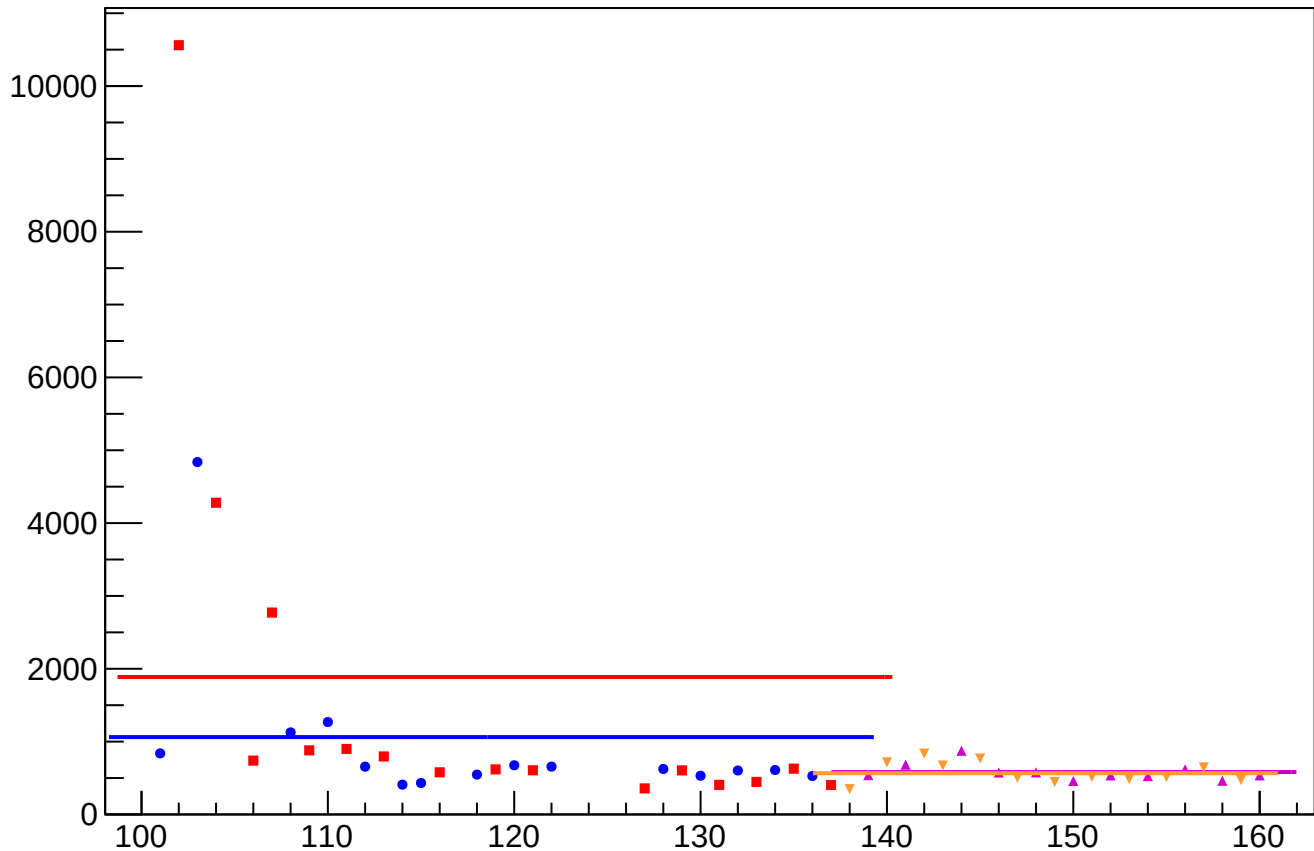
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_atl1_coil7_mean vs Slug



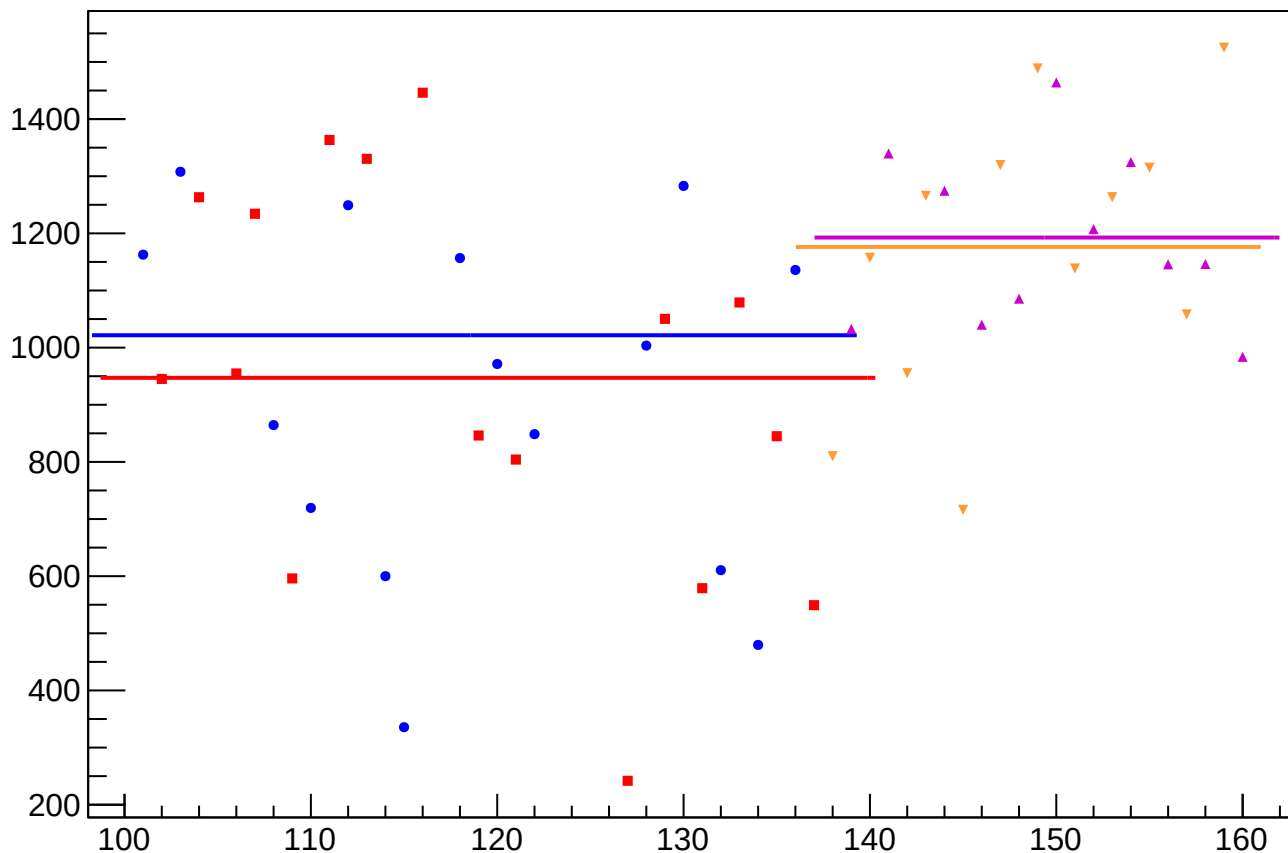
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11270.779 ± 0.000 χ^2/NDF : 35137043527033139065388759182682848493568.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141 $\pm$ 0.000 χ^2 /NDF: 952806231926530012715872184655778152448.0/14
 Left Out: 565.876 $\pm$ 0.000 χ^2 /NDF: 16647379125618292913647848878579384320.0/11
 Right Out: 1887.077 $\pm$ 0.000 χ^2 /NDF: 5525872718363845620366029387569058283520.0/15
 Left In: 582.413 $\pm$ 0.000 χ^2 /NDF: 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

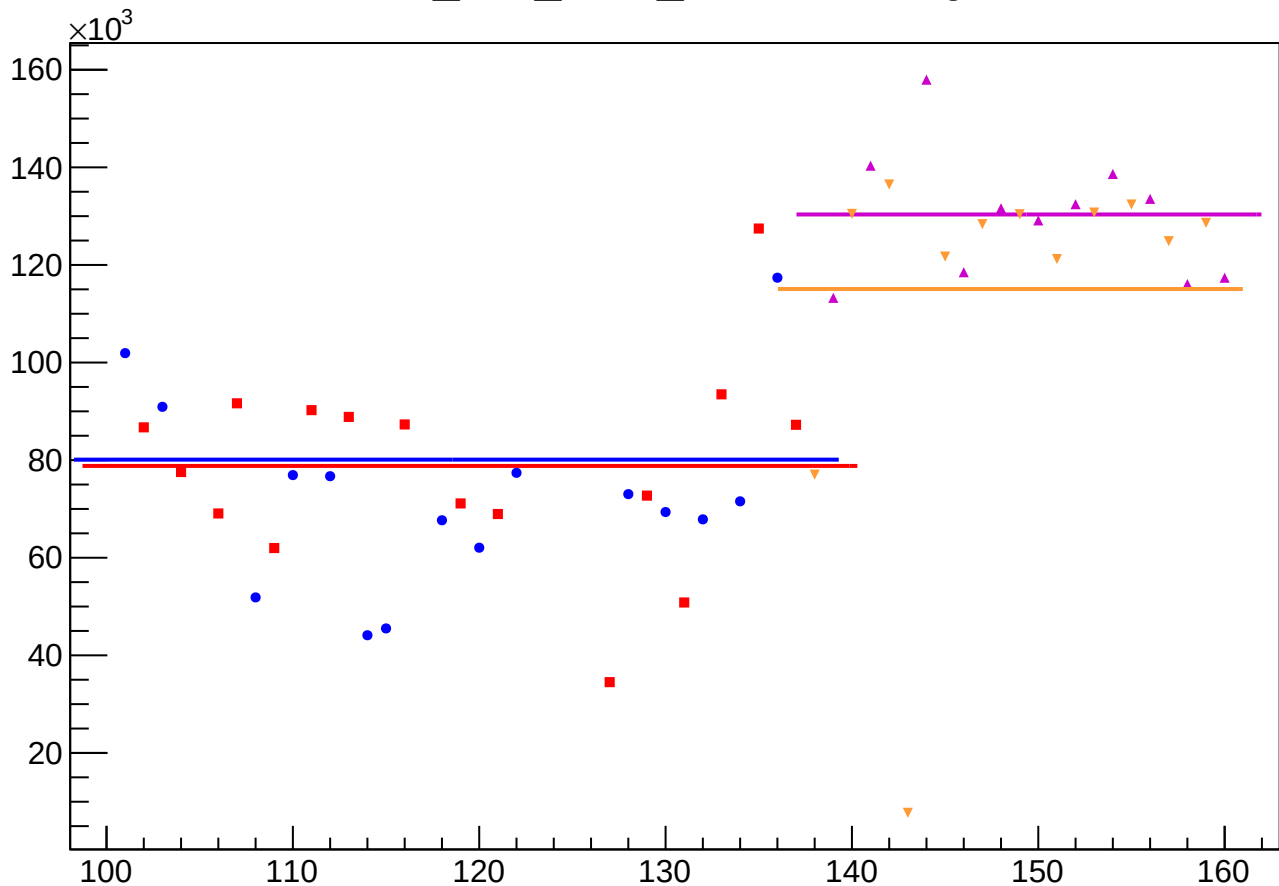
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

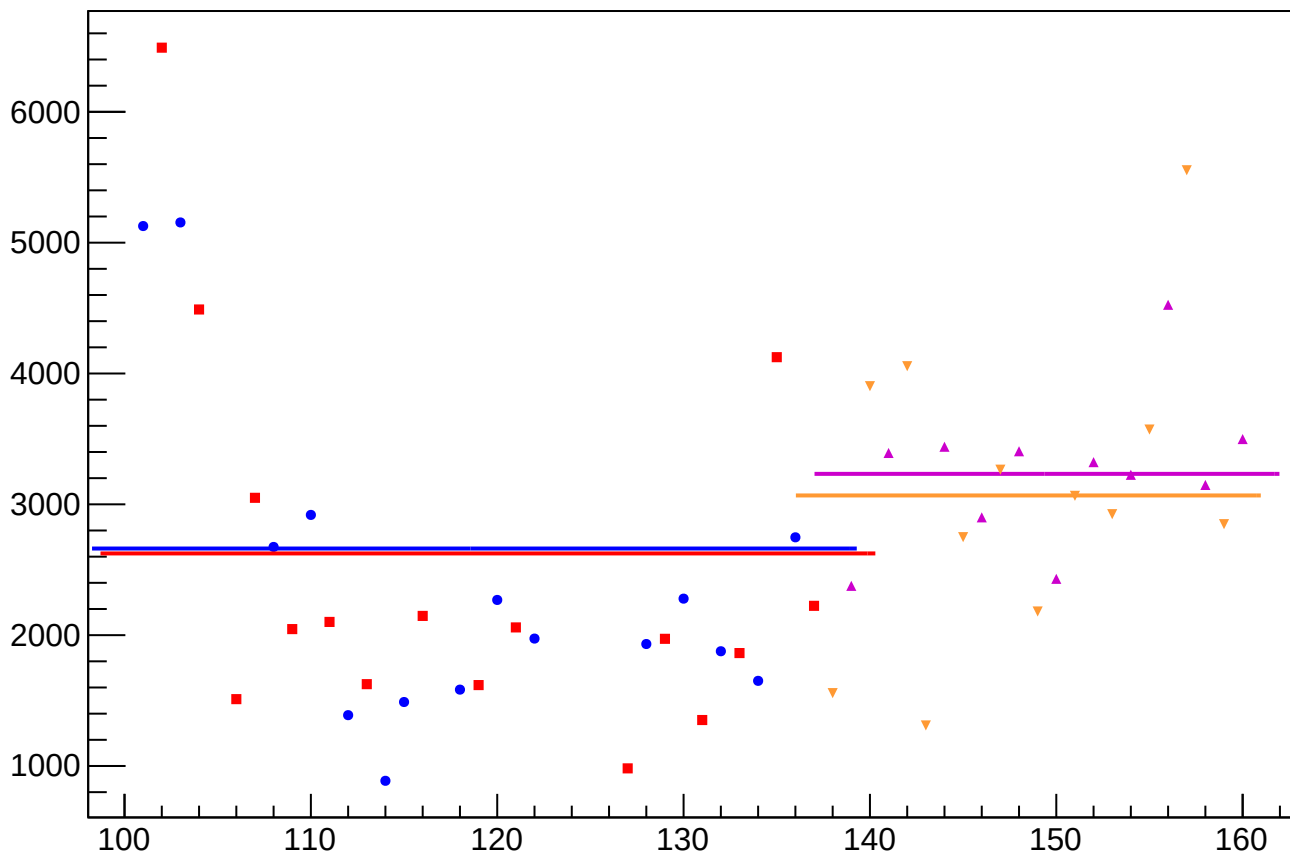
dit_atl2_coil7_mean vs Slug



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

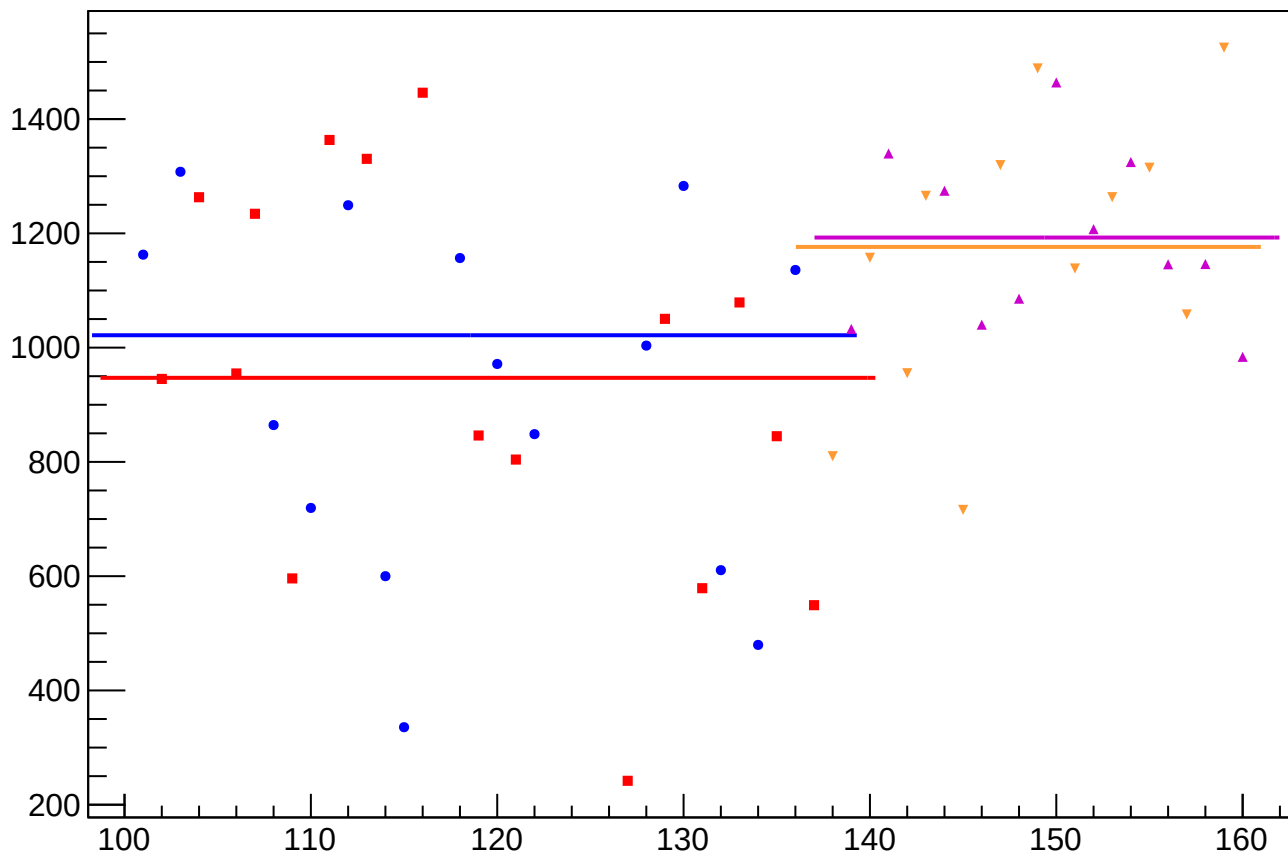
+ sign 100579.063+/-0.000 χ^2/NDF : 175173145968
 All: 104693.349+/-0.000 χ^2/NDF : 32672028
 - sign 108742.985+/-0.000 χ^2/NDF : 146287150012

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183 $\pm$ 0.000 χ^2 /NDF: 1031389230165640157864439705583367487488.0/14
 Left Out: 3067.875 $\pm$ 0.000 χ^2 /NDF: 1078495187687389019694818149822179049472.0/11
 Right Out: 2624.696 $\pm$ 0.000 χ^2 /NDF: 1566705216866534713590934835660406652928.0/15
 Left In: 3232.879 $\pm$ 0.000 χ^2 /NDF: 275721007613891276741007240283331493888.0/10
 + sign 2899.744 $\pm$ 0.000 χ^2 /NDF: 21724325951632
 All: 2939.136 $\pm$ 0.000 χ^2 /NDF: 41629642806
 - sign 2977.909 $\pm$ 0.000 χ^2 /NDF: 19857098184284

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

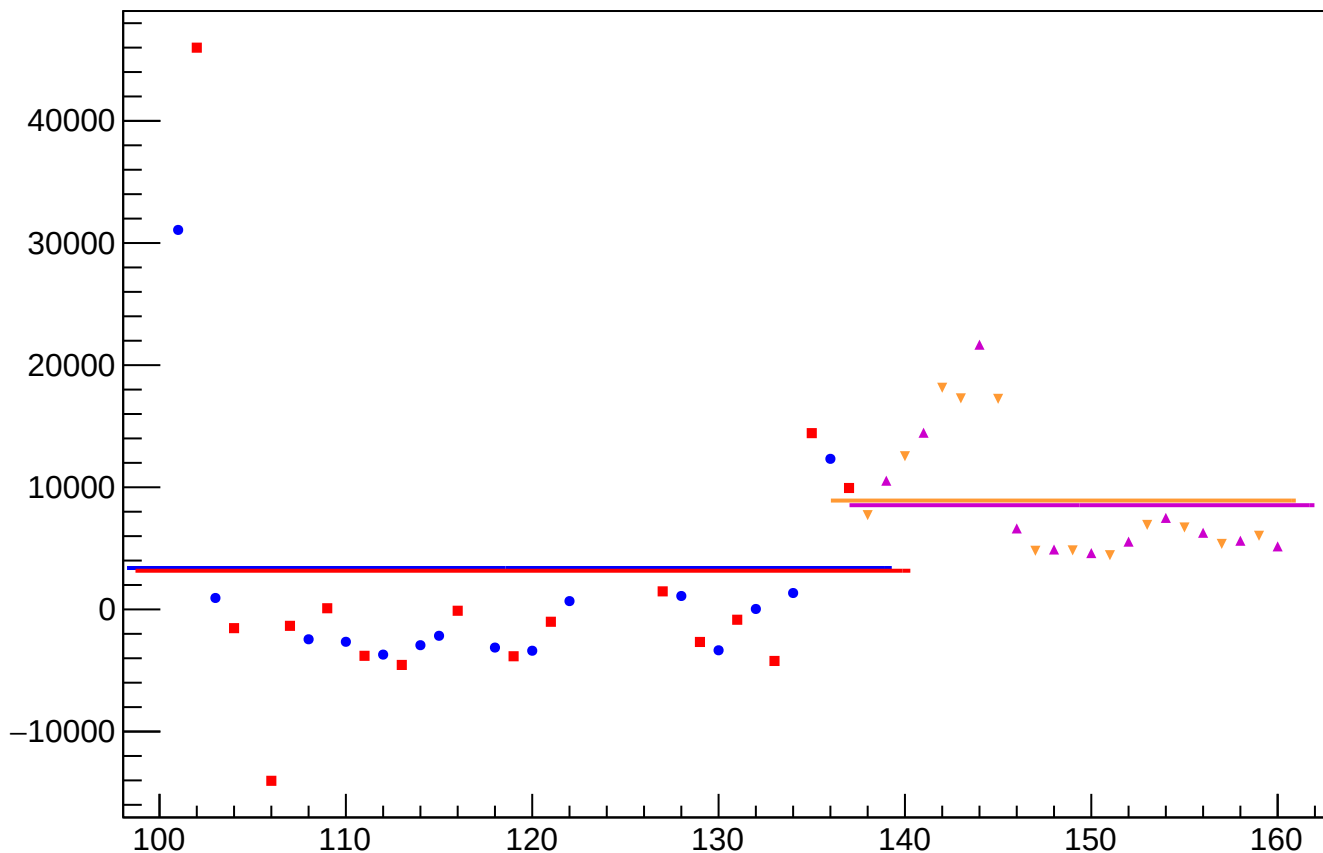
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

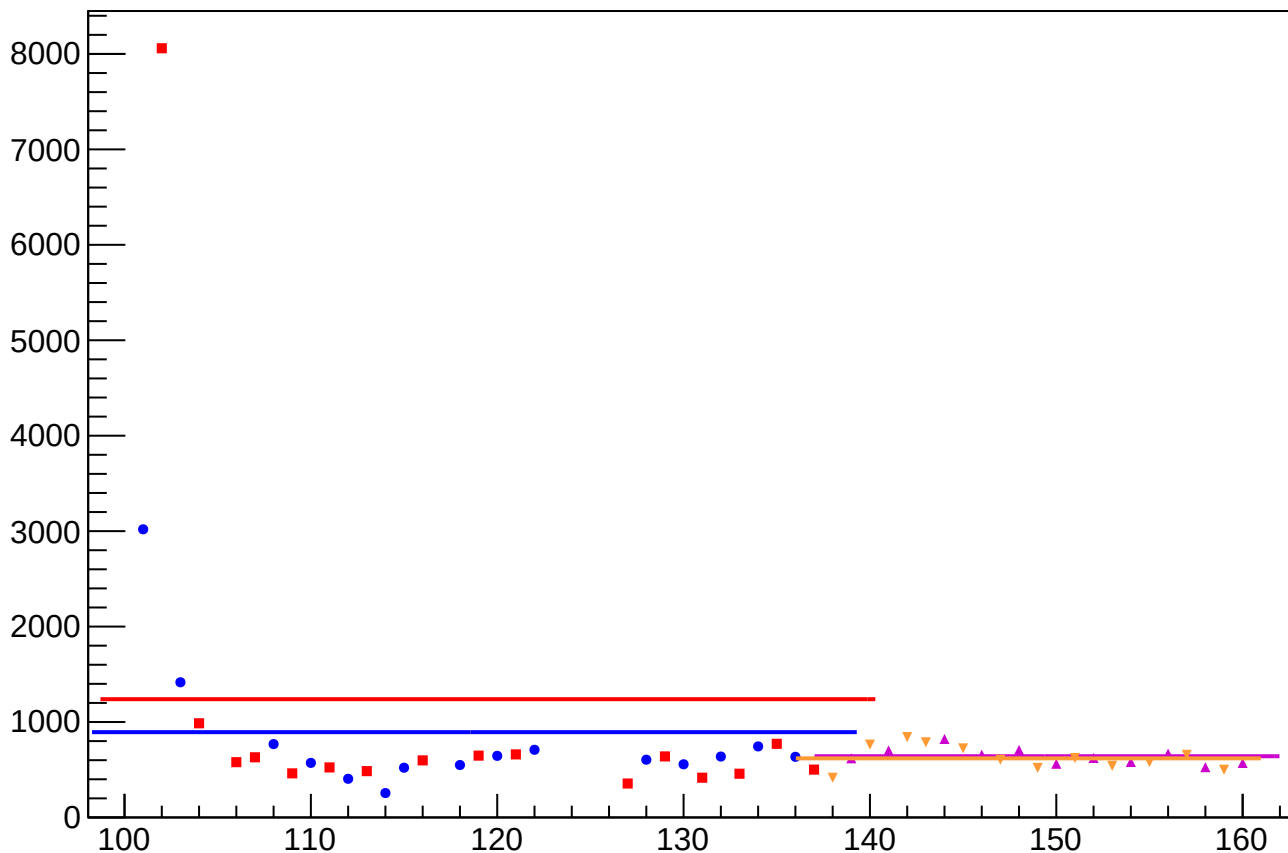
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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

+ sign 733.050+/-0.000 χ^2/NDF : 375925094146267

Left Out: 619.363+/-0.000 χ^2/NDF : 12743310597907802273598099300489887744.0/11

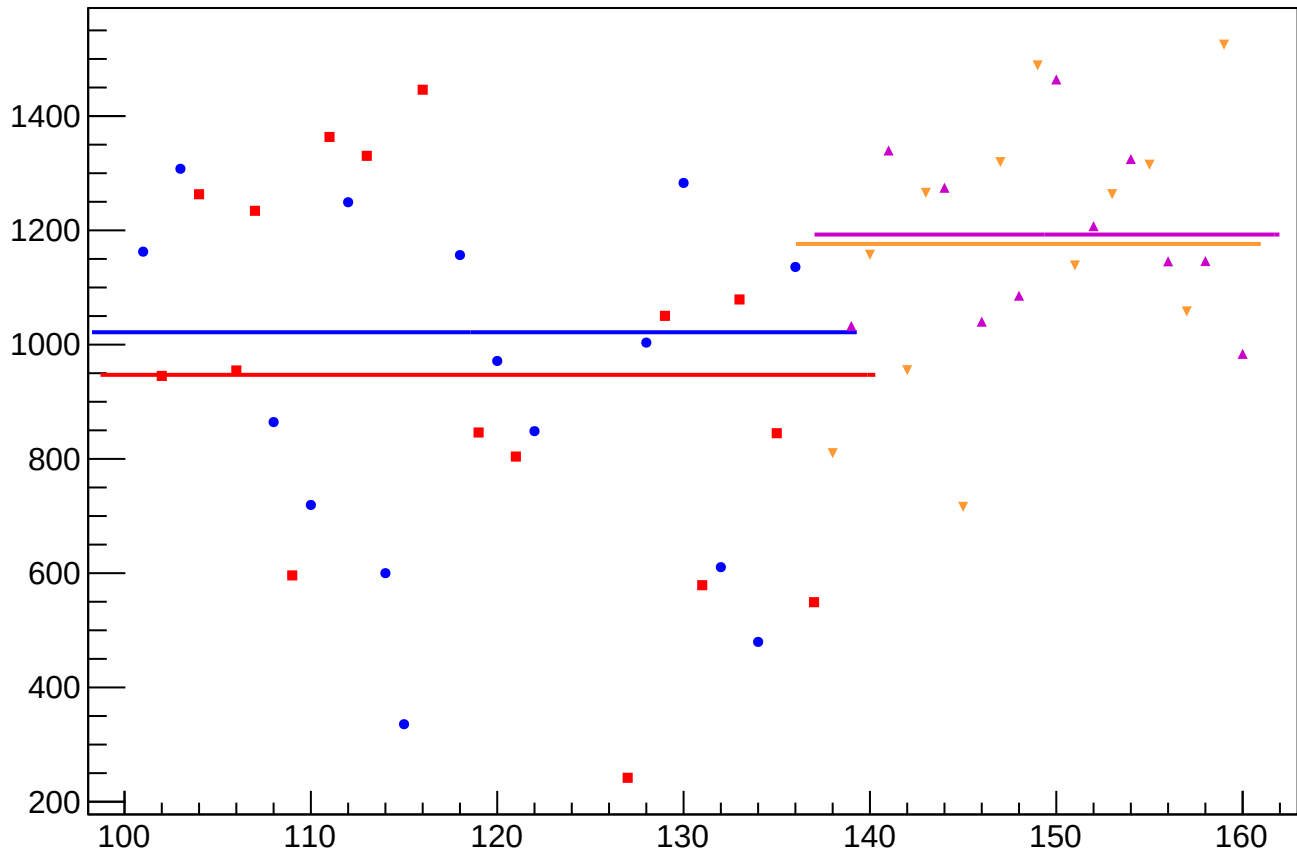
All: 813.210+/-0.000 χ^2/NDF : 351136718180

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

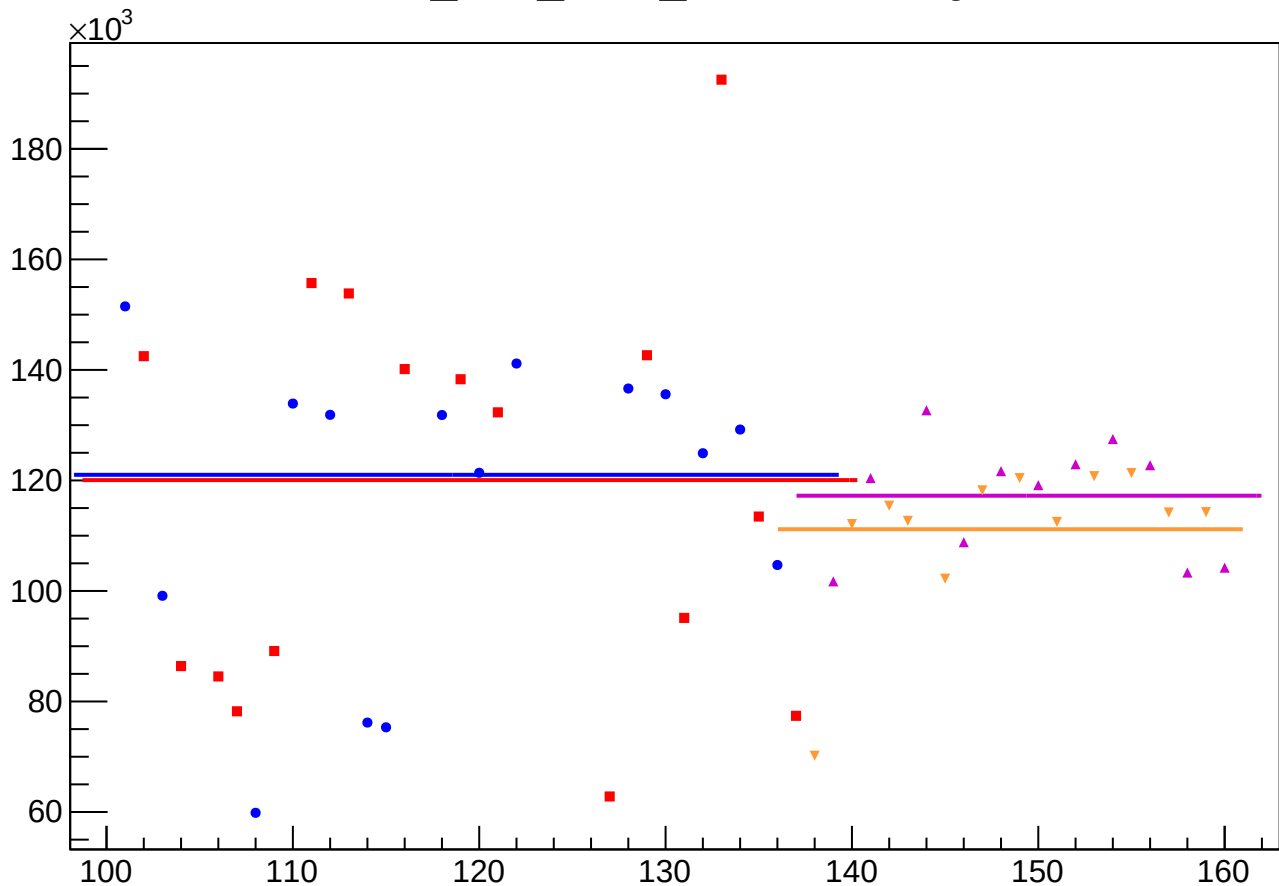
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

dit_atr1_coil7_Ndata_mean vs Slug



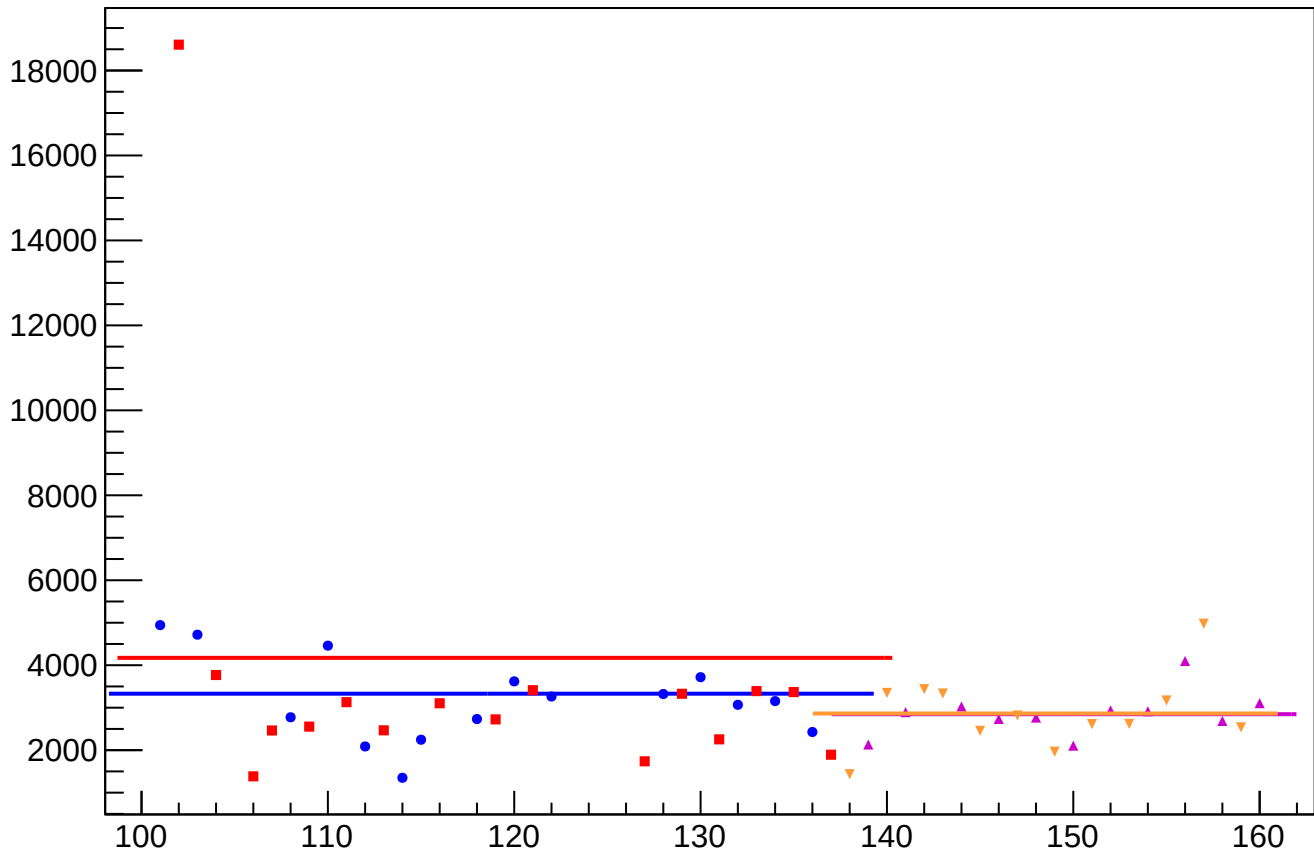
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1112.188+/-0.000	χ^2/NDF : 10292693819422
Left Out: 1176.242+/-0.000	χ^2/NDF : 53355525796592022882385023198883217408.0/11	All: 1100.879+/-0.000	χ^2/NDF : 21371922767
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- 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



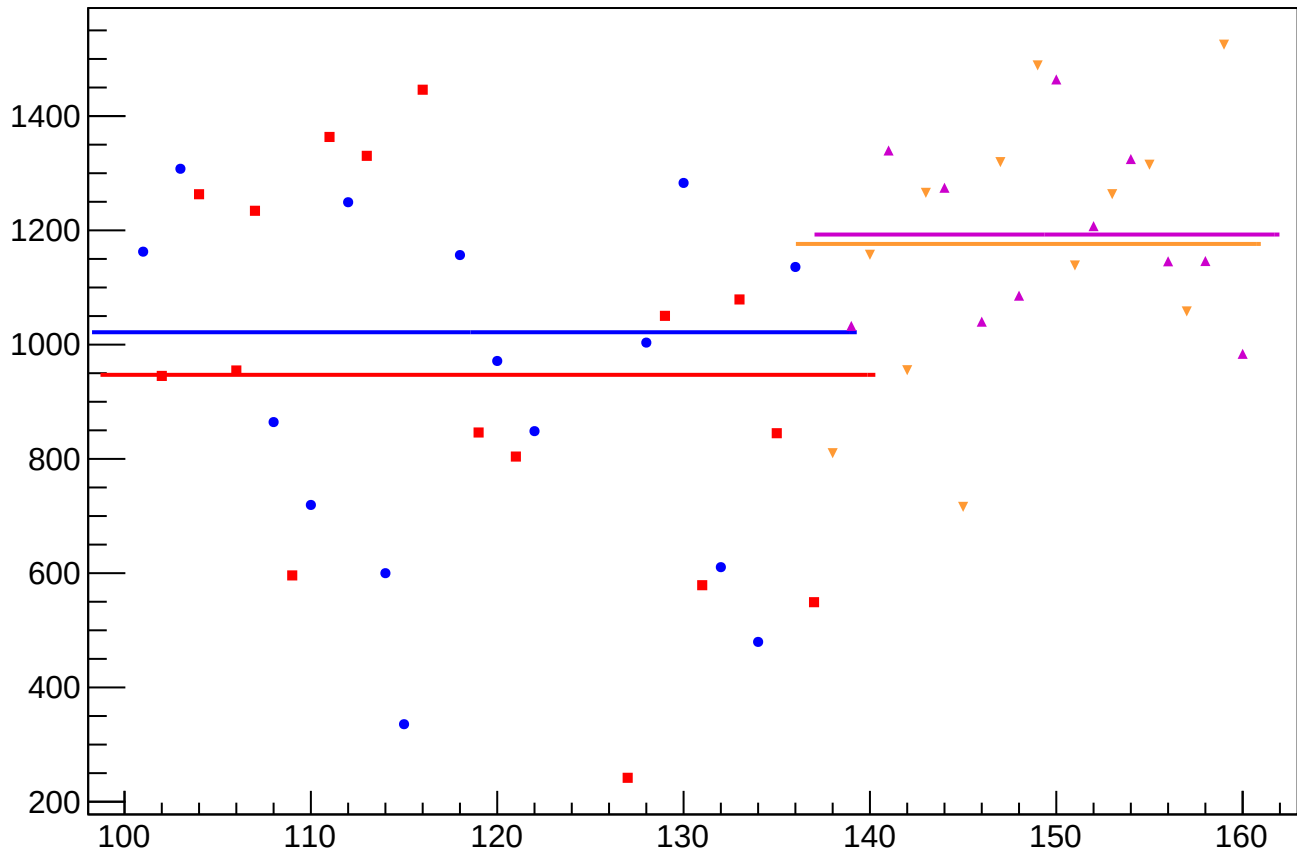
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 111166.801 $\pm$ 0.000 χ^2 /NDF: 167364192439388047212250461007969368670208.0/11
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 117237.465 $\pm$ 0.000 χ^2 /NDF: 92299527706158063096544434206678792011776.0/10

dit_atr2_coil7_err_mean vs Slug



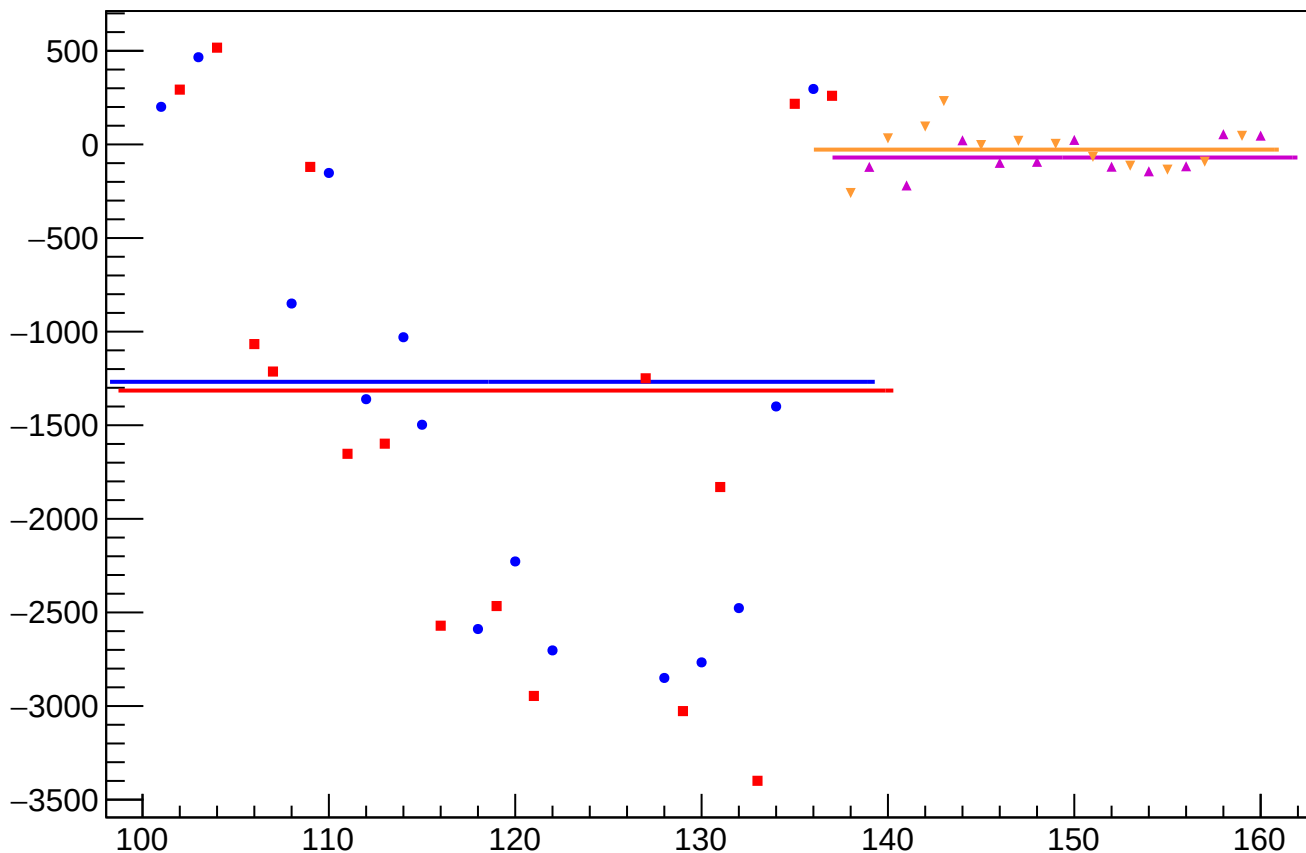
Right In: 3329.488 ± 0.000 $\chi^2/\text{NDF}: 567034774398456376227526824513721335808.0/14$
 Left Out: 2863.169 ± 0.000 $\chi^2/\text{NDF}: 668766817298044492245074854515224608768.0/11$
 Right Out: 4173.434 ± 0.000 $\chi^2/\text{NDF}: 13498246551537992400095003154682468106240.0/15$
 Left In: 2846.559 ± 0.000 $\chi^2/\text{NDF}: 229557109736682123603885764134616170496.0/10$

dit_atr2_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_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

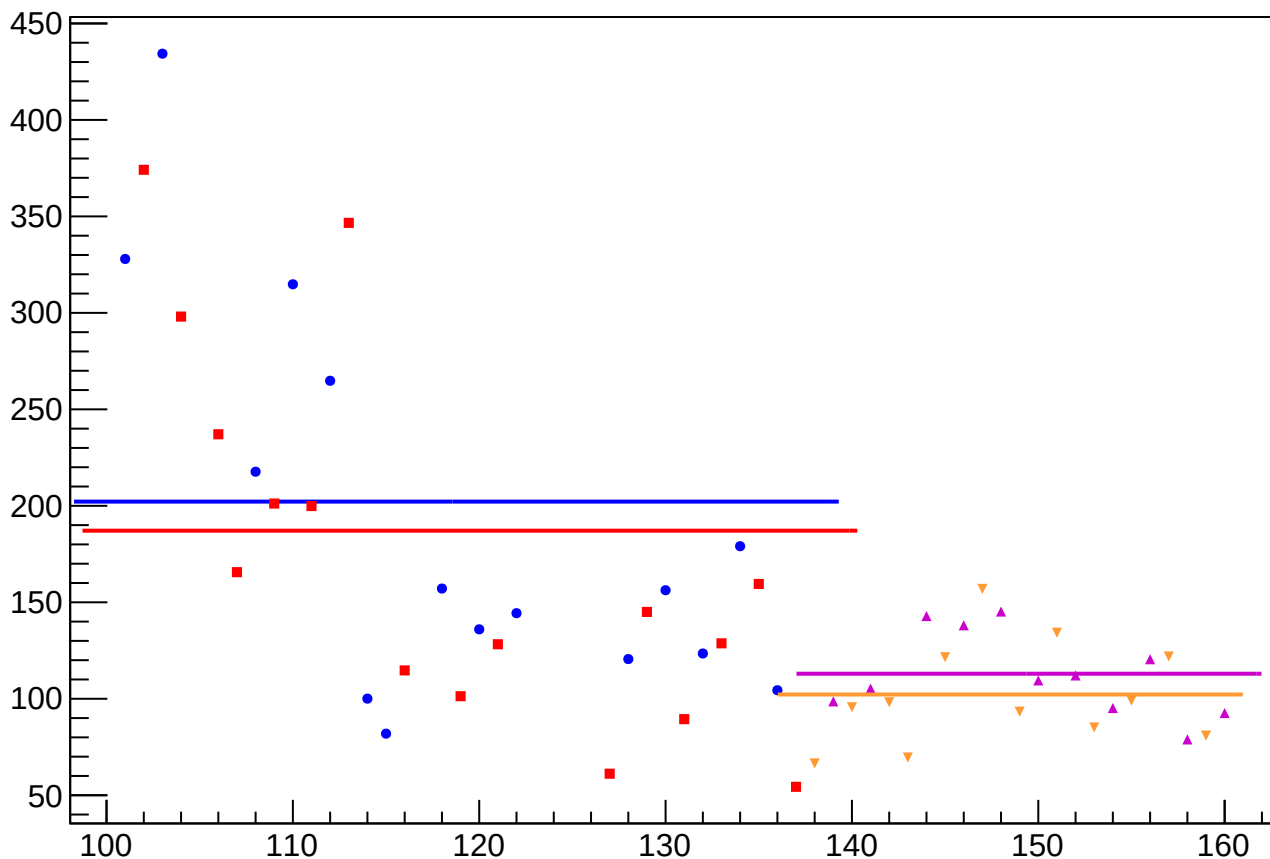
All: -566.948+/-0.000 χ^2/NDF : 33970738574

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

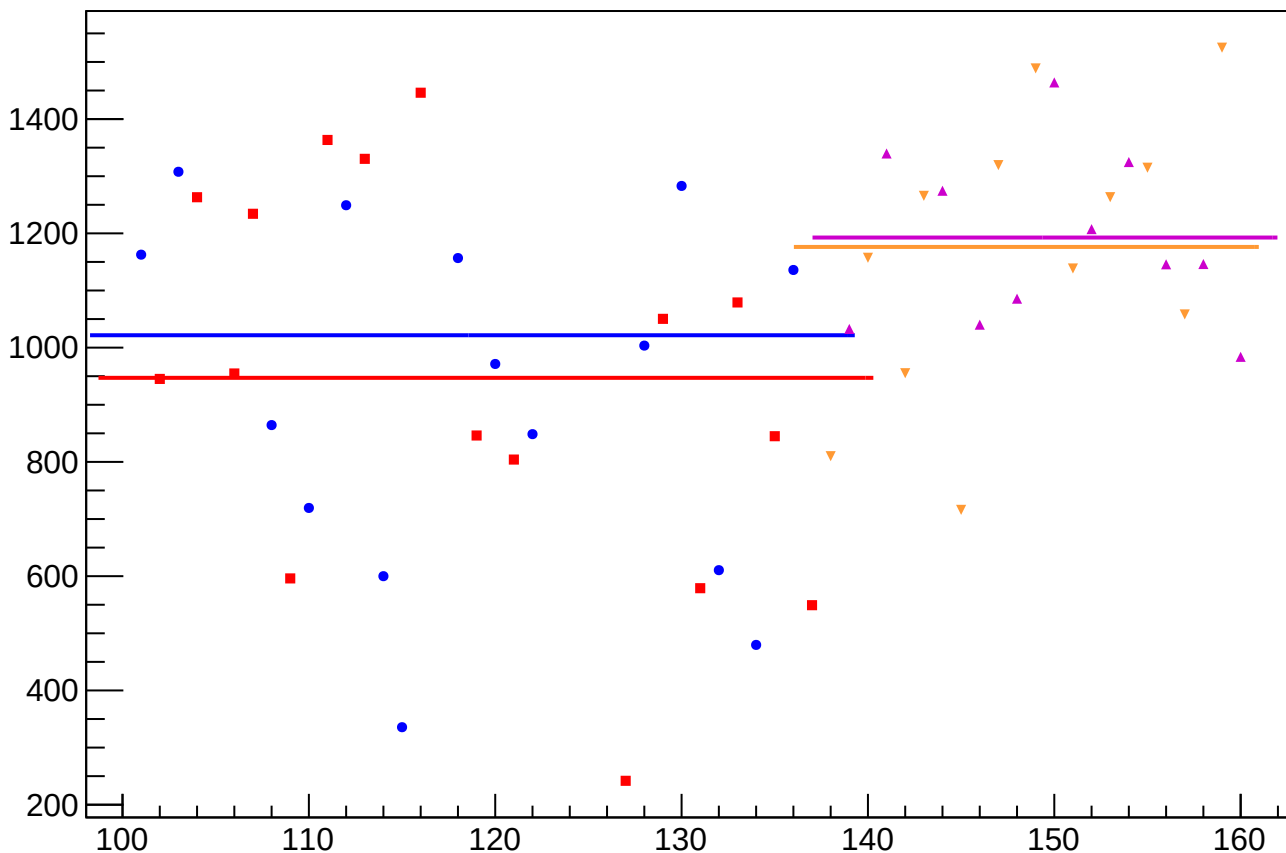
Left In: 112.981 $\pm$ 0.000 χ^2 /NDF: 399082569166702797505998561799569408.0/10

+ 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+/-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

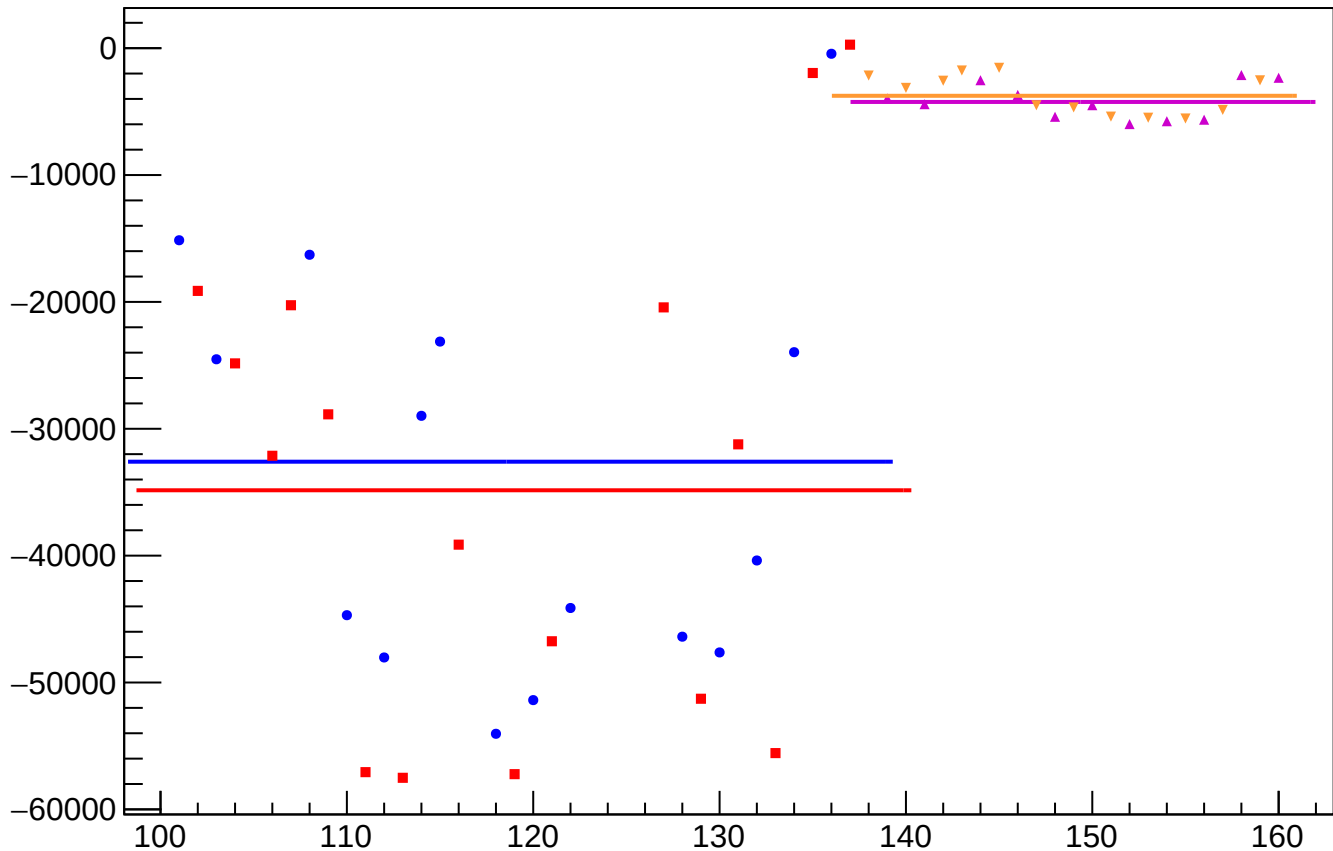
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

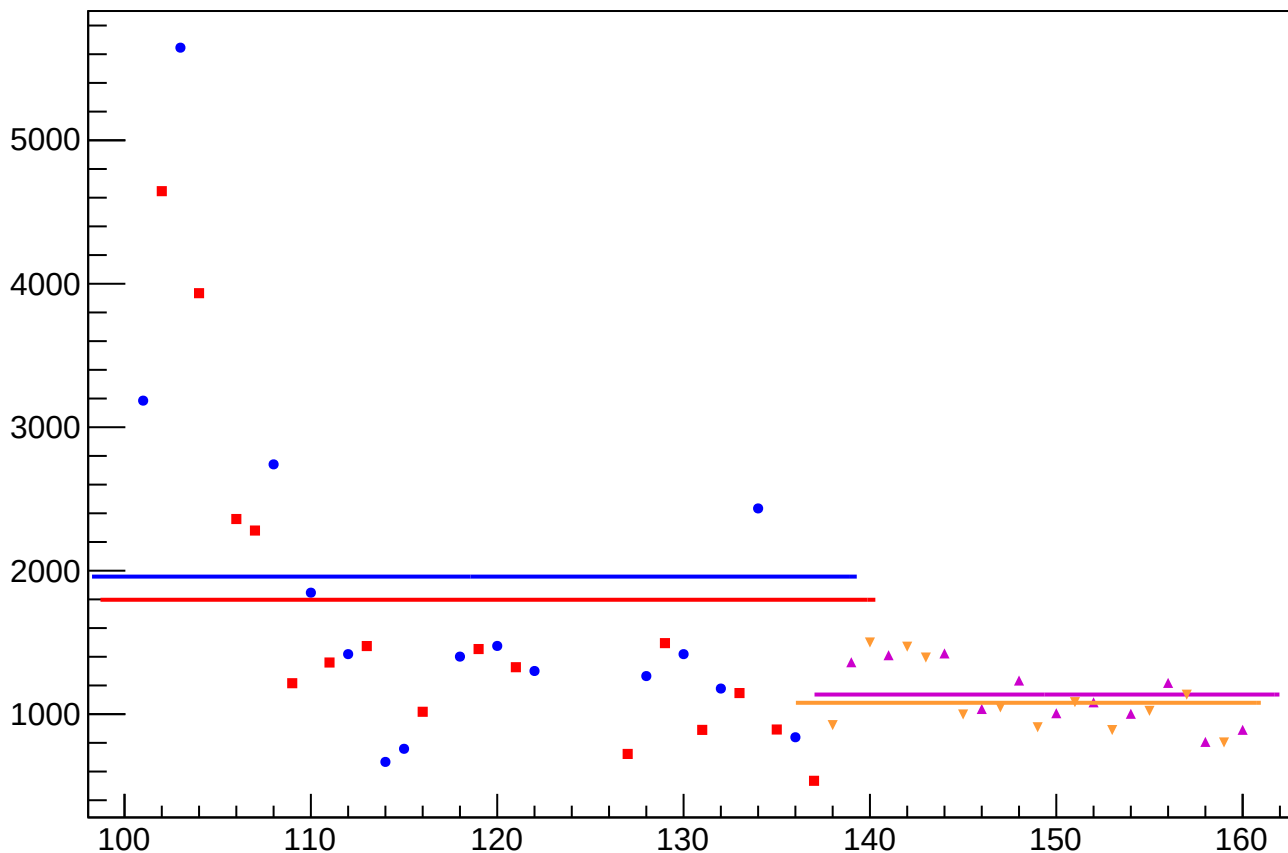
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam2_coil7_mean vs Slug



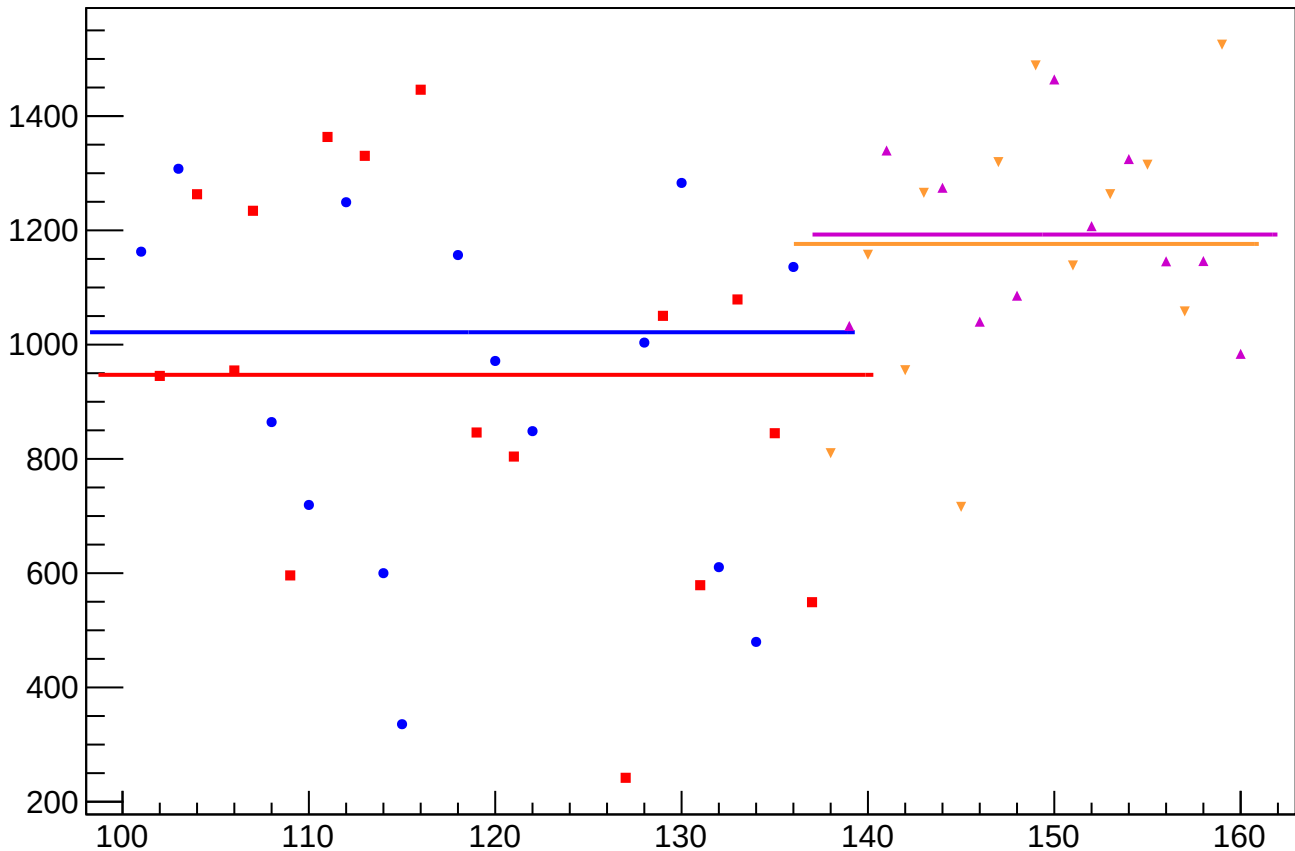
Right In: -32594.962 ± 0.000 $\chi^2/\text{NDF}: 209150369207000564489724529020922520141824.0/14$
 Left Out: -3752.448 ± 0.000 $\chi^2/\text{NDF}: 2004018922397864512506251751982968602624.0/11$
 Right Out: -34848.046 ± 0.000 $\chi^2/\text{NDF}: 221127702024811719232559434097324967591936.0/15$
 Left In: -4238.758 ± 0.000 $\chi^2/\text{NDF}: 1676258877466067471746283067125033598976.0/10$

dit_sam2_coil7_err_mean vs Slug



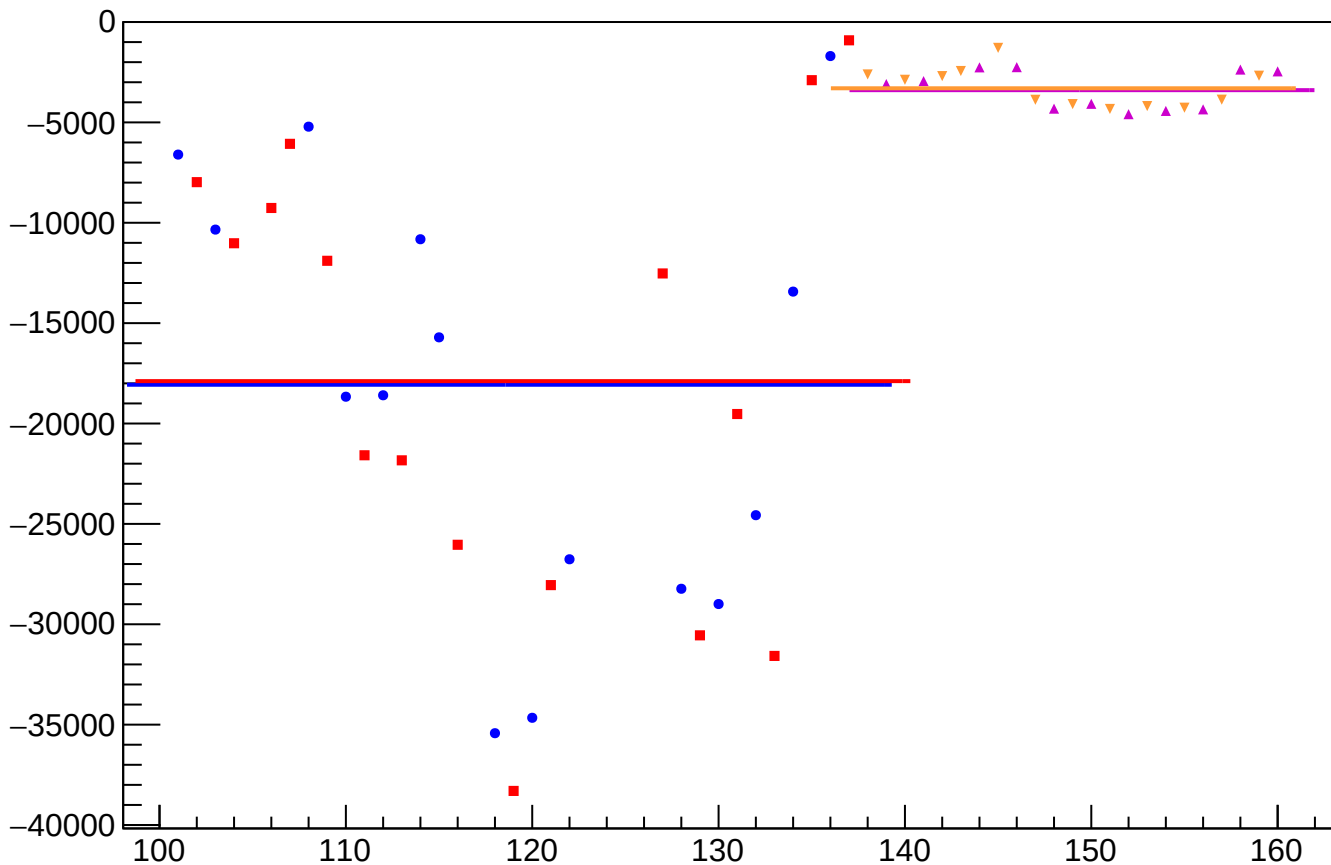
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1079.227+/-0.000 χ^2/NDF : 42839458661255724609894406058462412800.0/11
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10

dit_sam2_coil7_Ndata_mean vs Slug



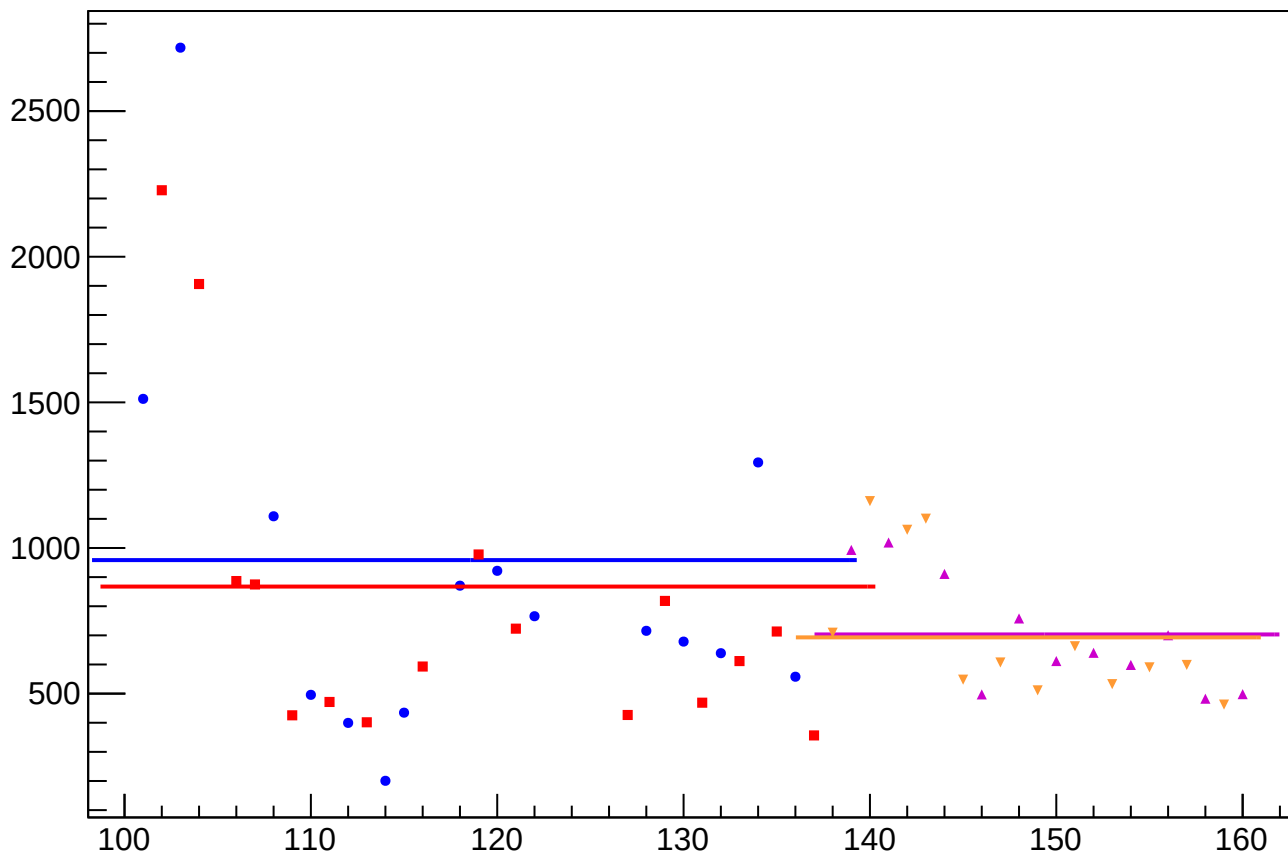
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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

Left Out: 693.081+/-0.000 χ^2/NDF : 48514734468503708126538641267241254912.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

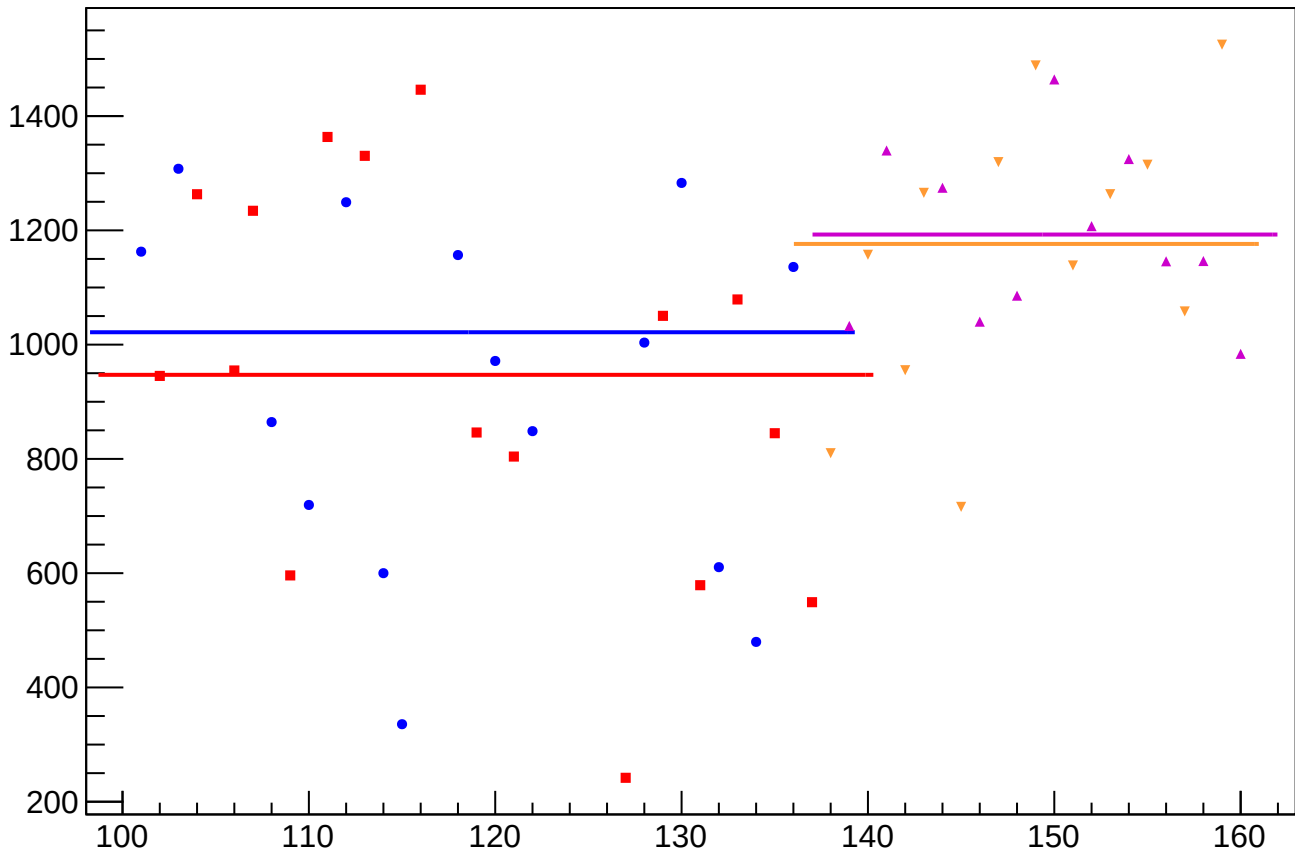
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ sign 803.042+/-0.000 χ^2/NDF : 340002051465398

All: 787.437+/-0.000 χ^2/NDF : 599394746254

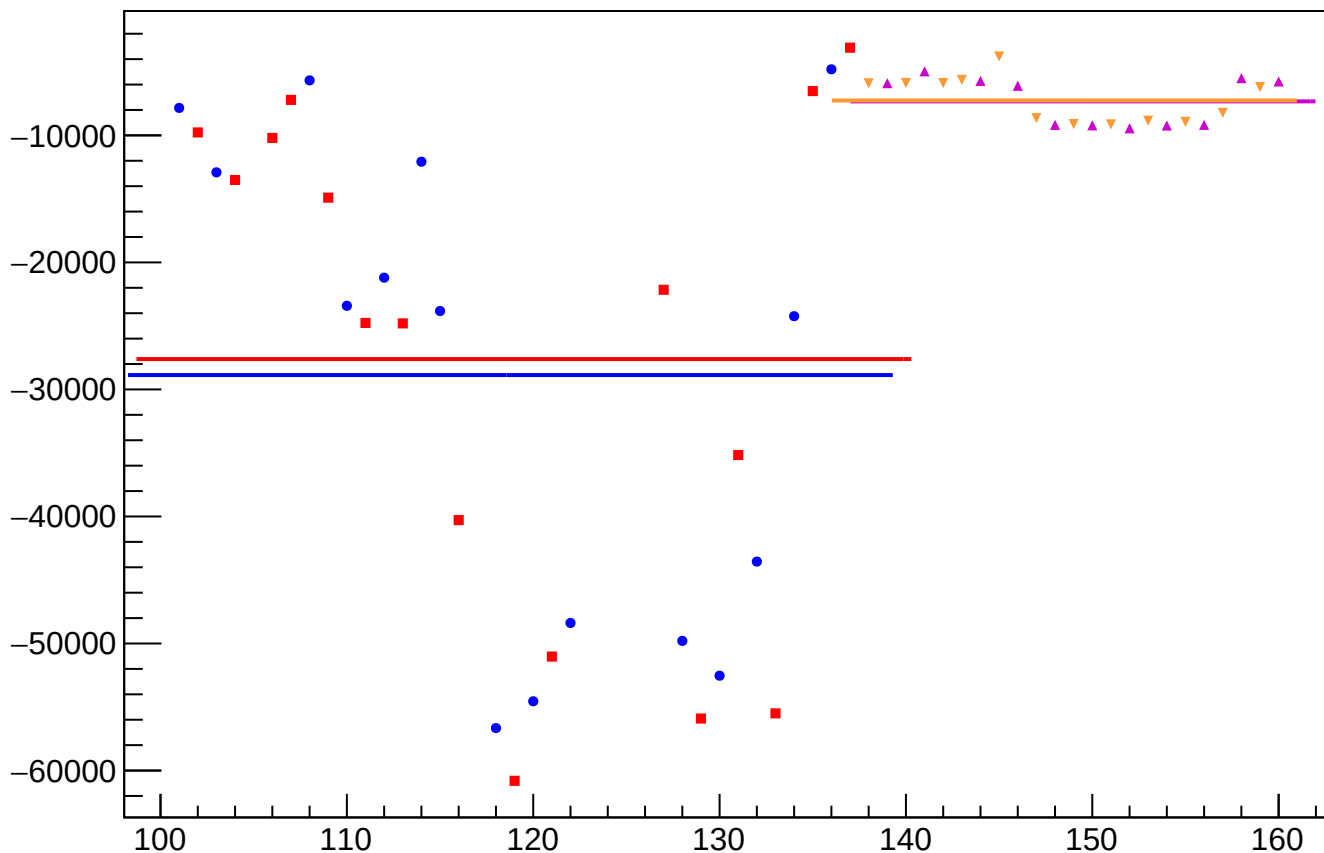
- sign 772.078+/-0.000 χ^2/NDF : 258636009193620

dit_sam3_coil7_Ndata_mean vs Slug



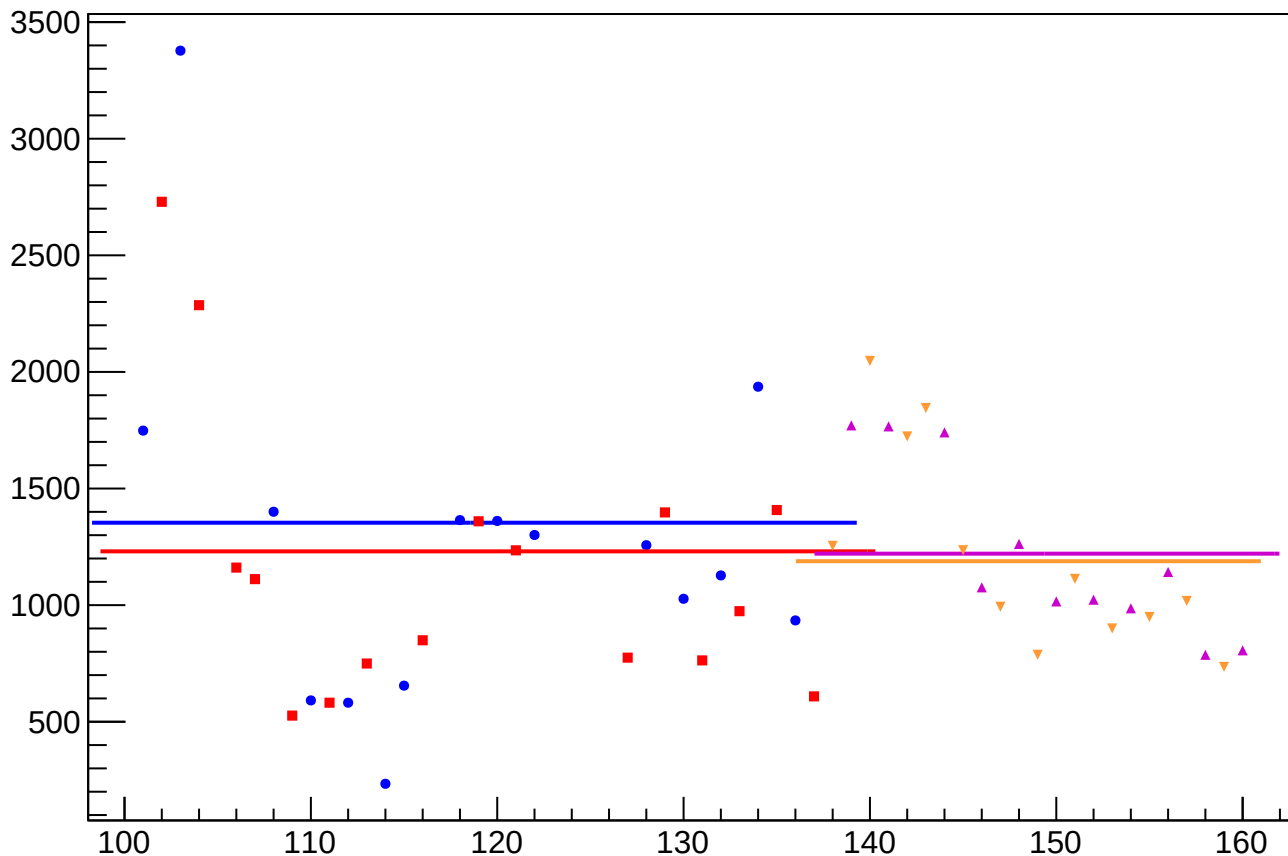
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_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

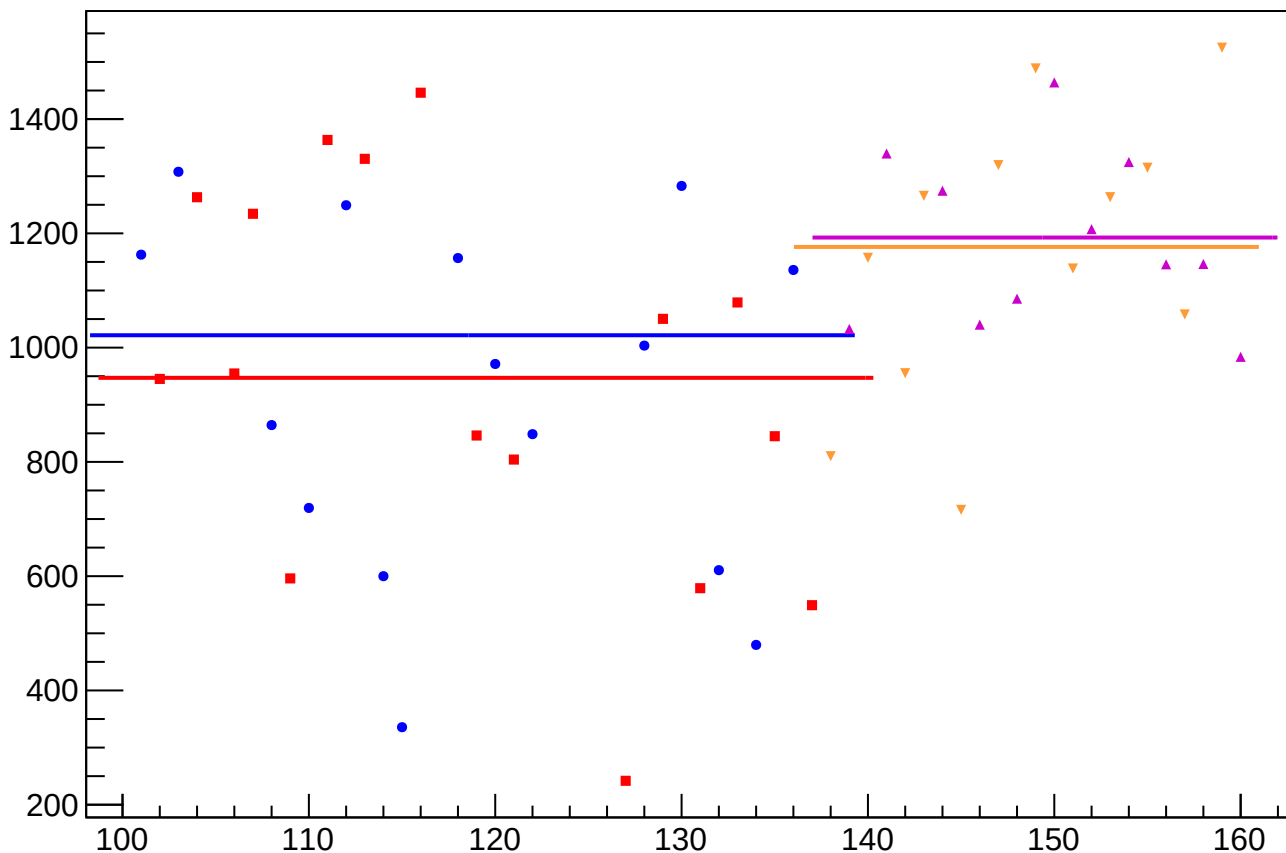
Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

+ 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

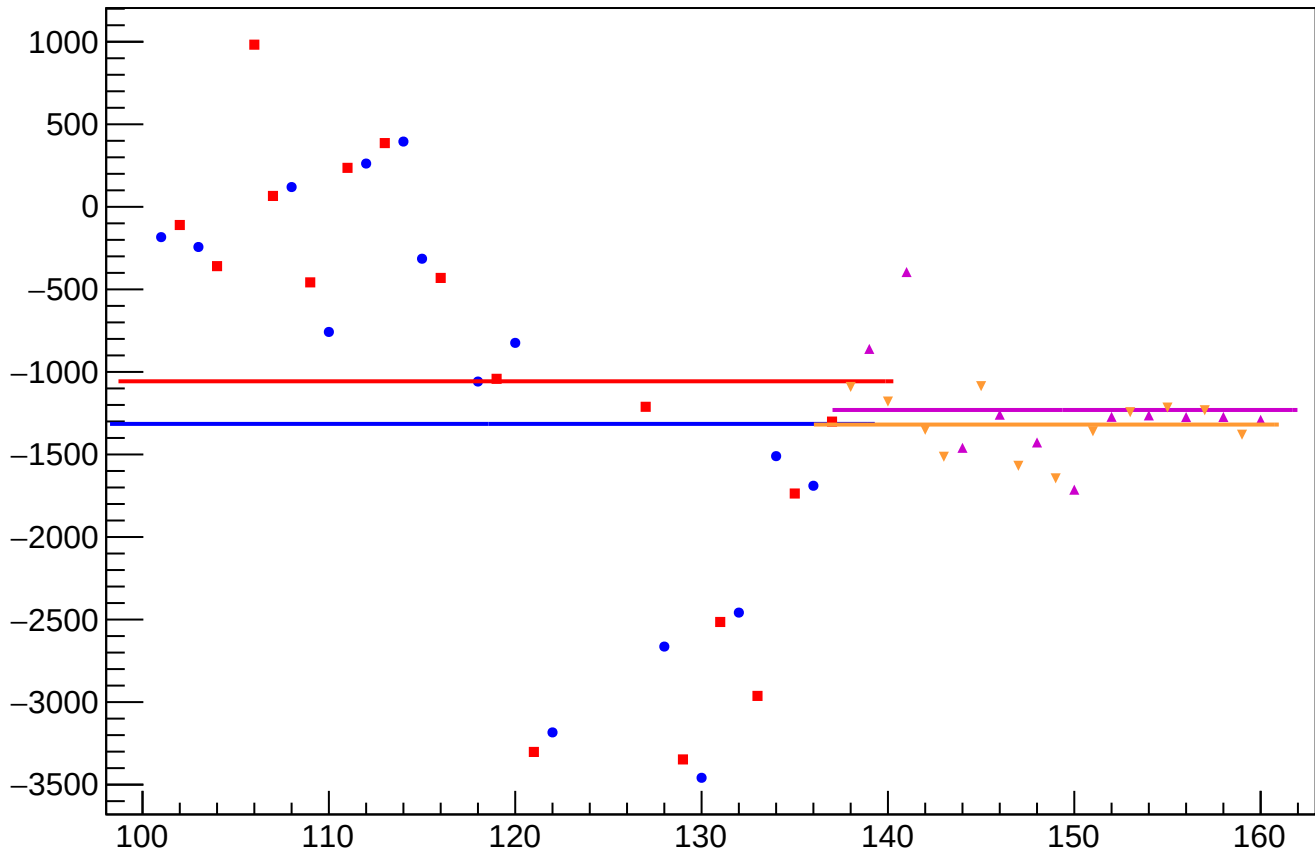
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1112.188 $\pm$ 0.000 χ^2 /NDF: 10292693819422

All: 1100.879 $\pm$ 0.000 χ^2 /NDF: 21371922767

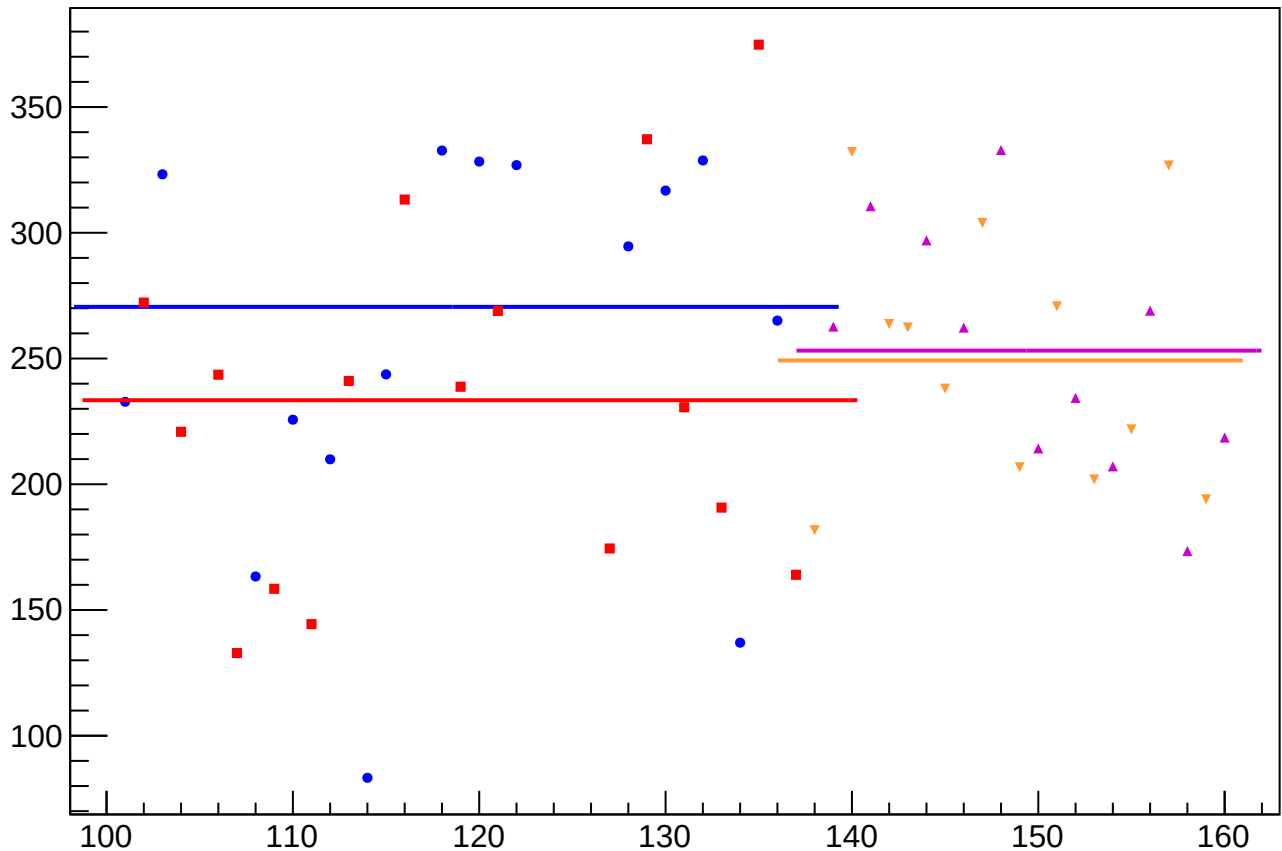
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_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 $\chi^2/\text{NDF}: 100431691068850056086409132460520505344.0/10$

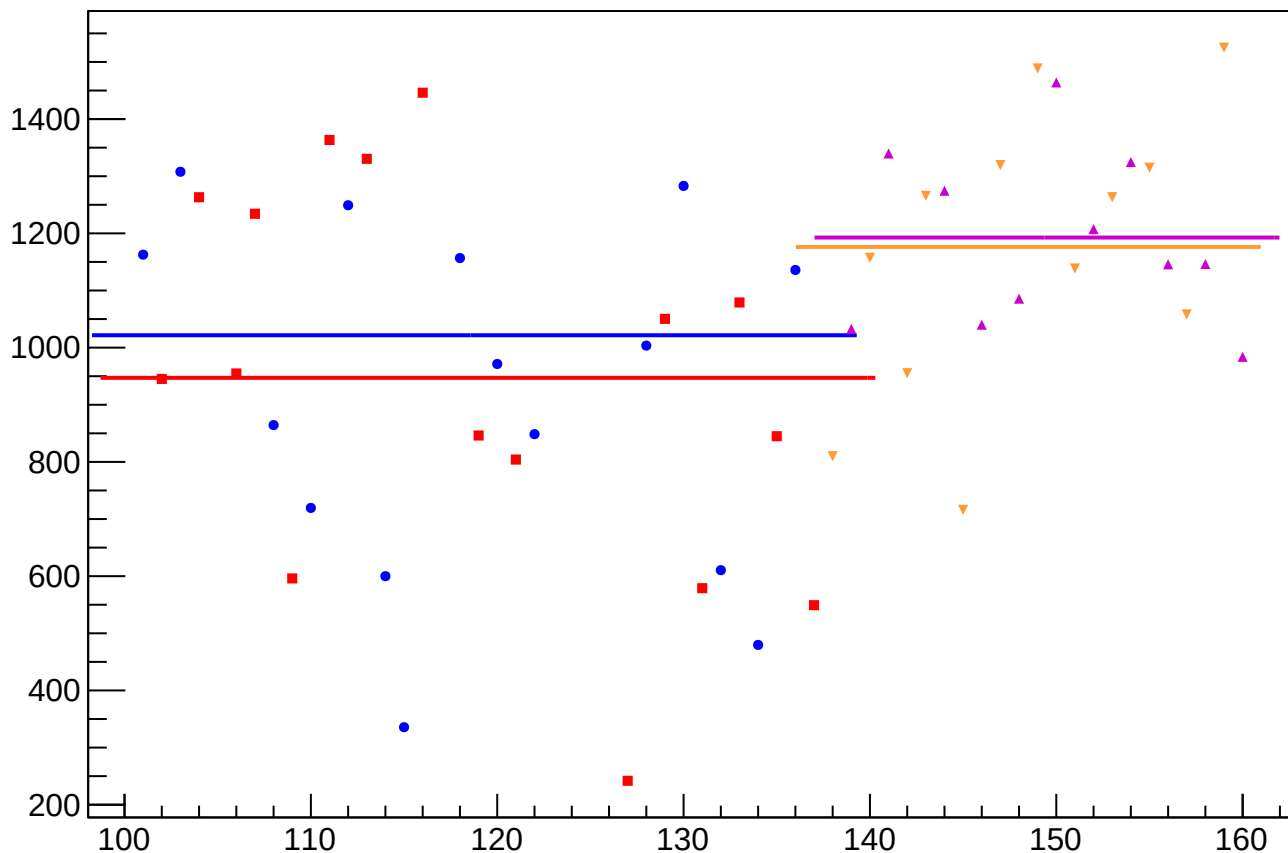
dit_sam5_coil7_err_mean vs Slug



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

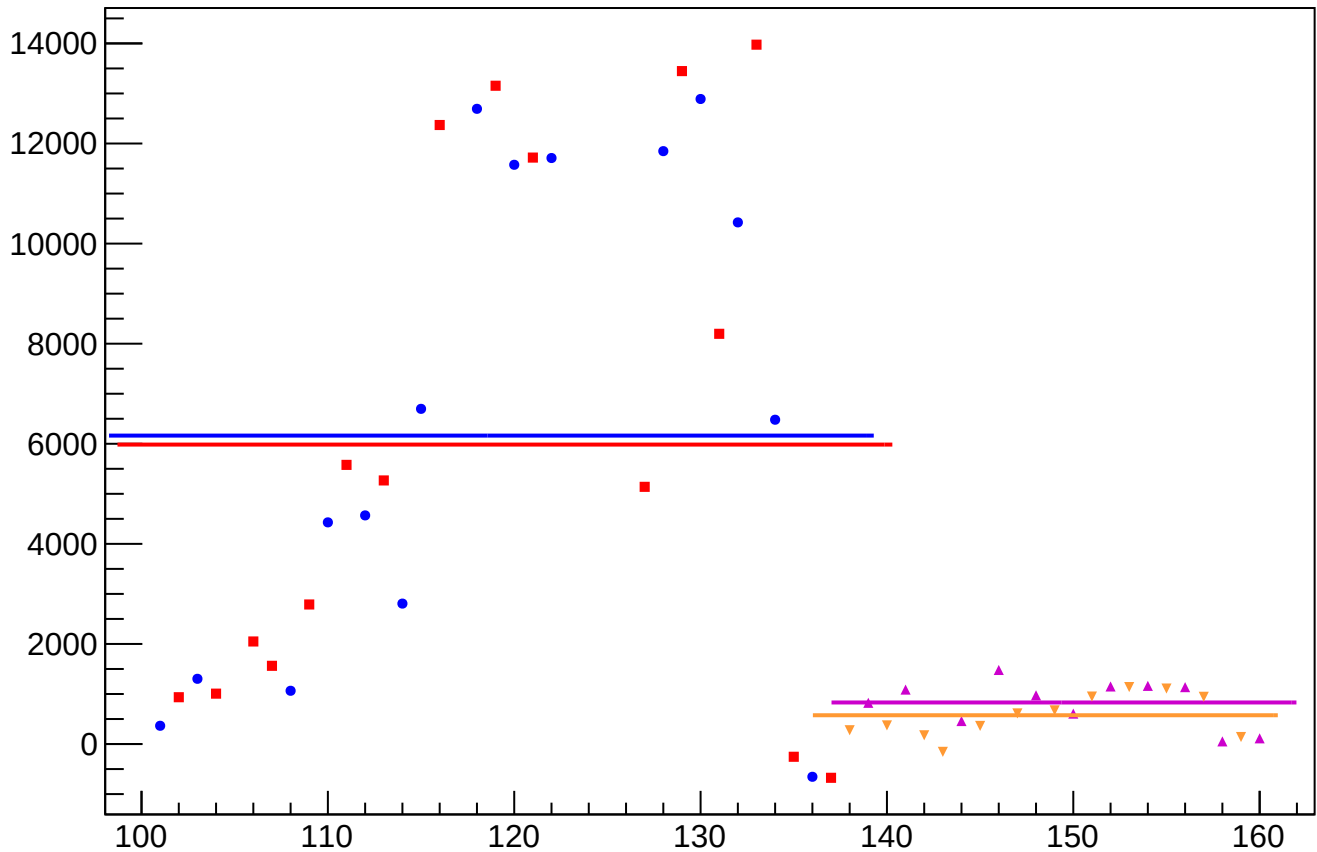
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1112.188 $\pm$ 0.000 χ^2 /NDF: 10292693819422

All: 1100.879 $\pm$ 0.000 χ^2 /NDF: 21371922767

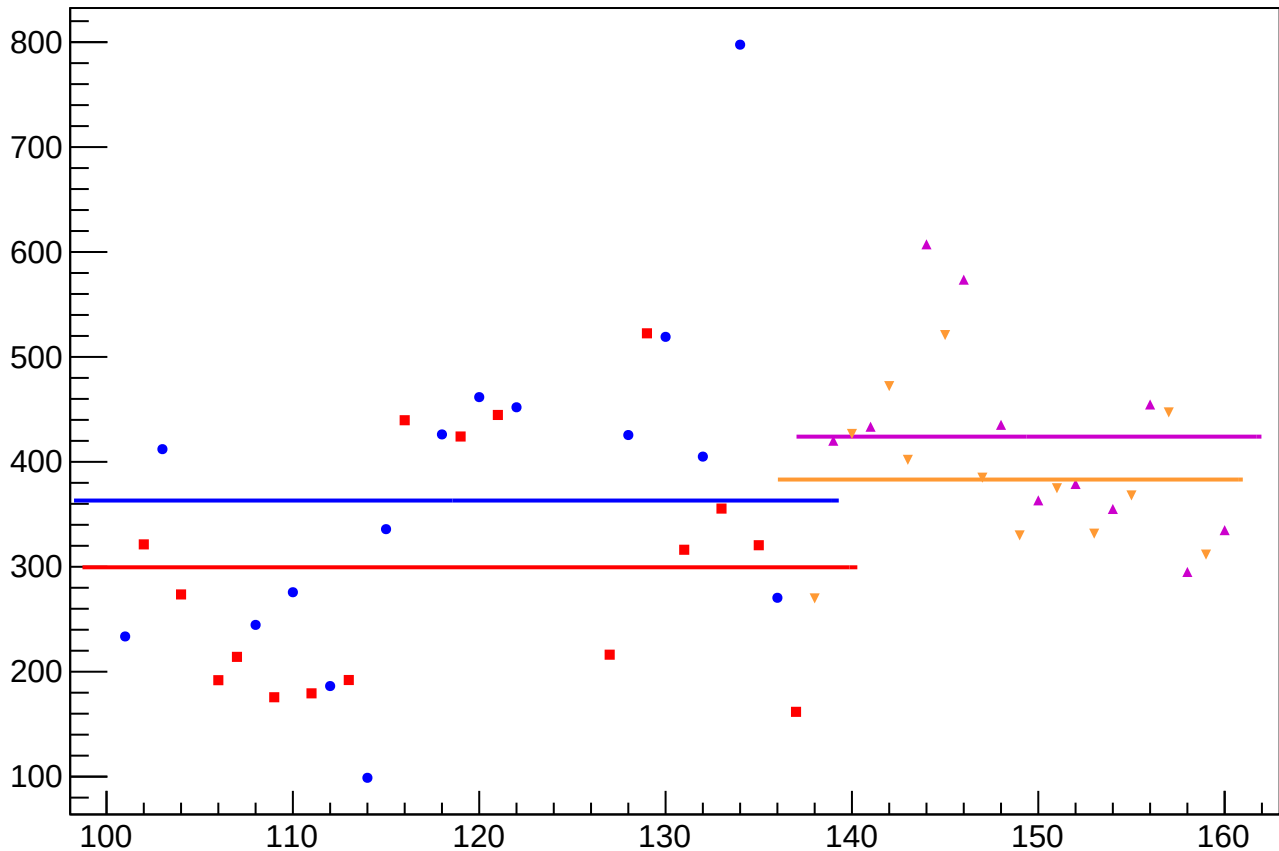
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_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

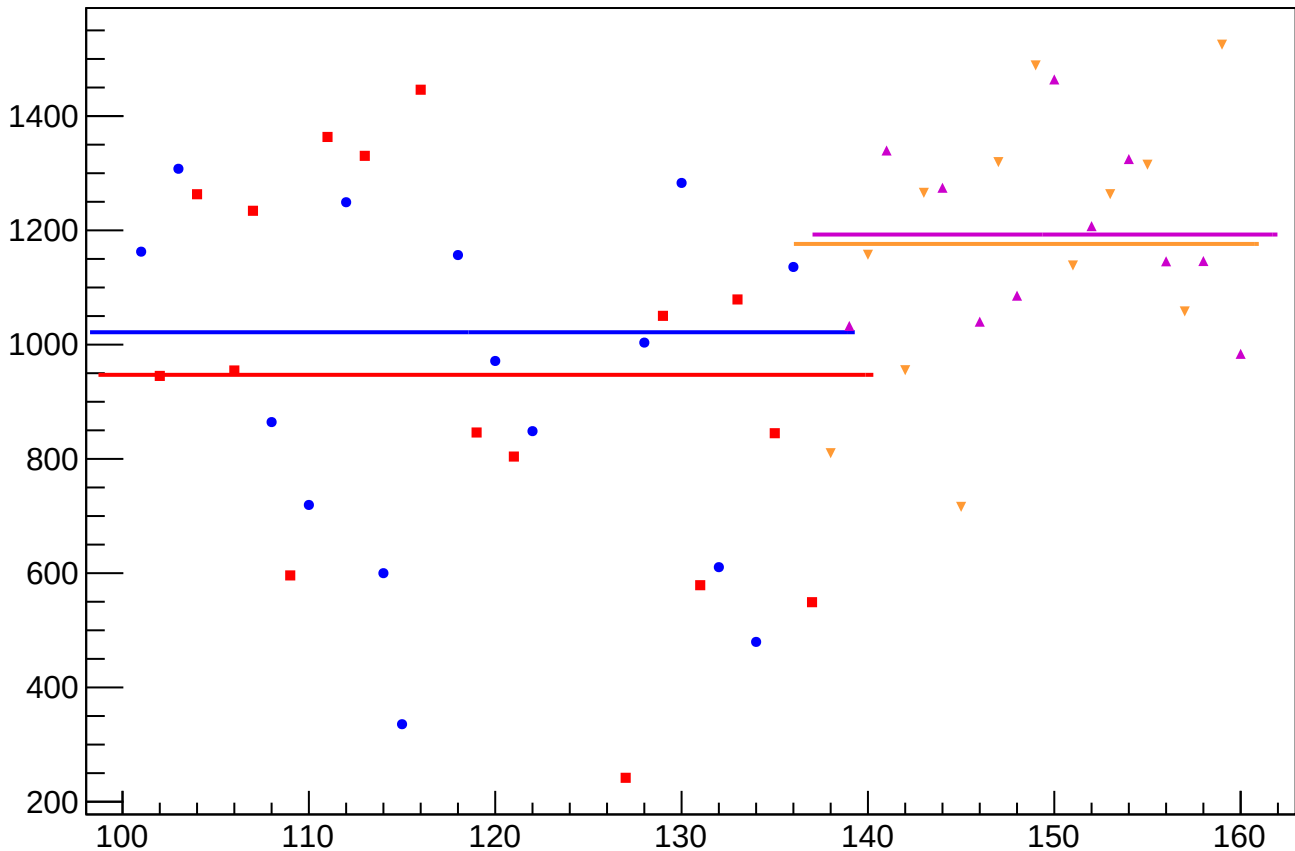
dit_sam6_coil7_err_mean vs Slug



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

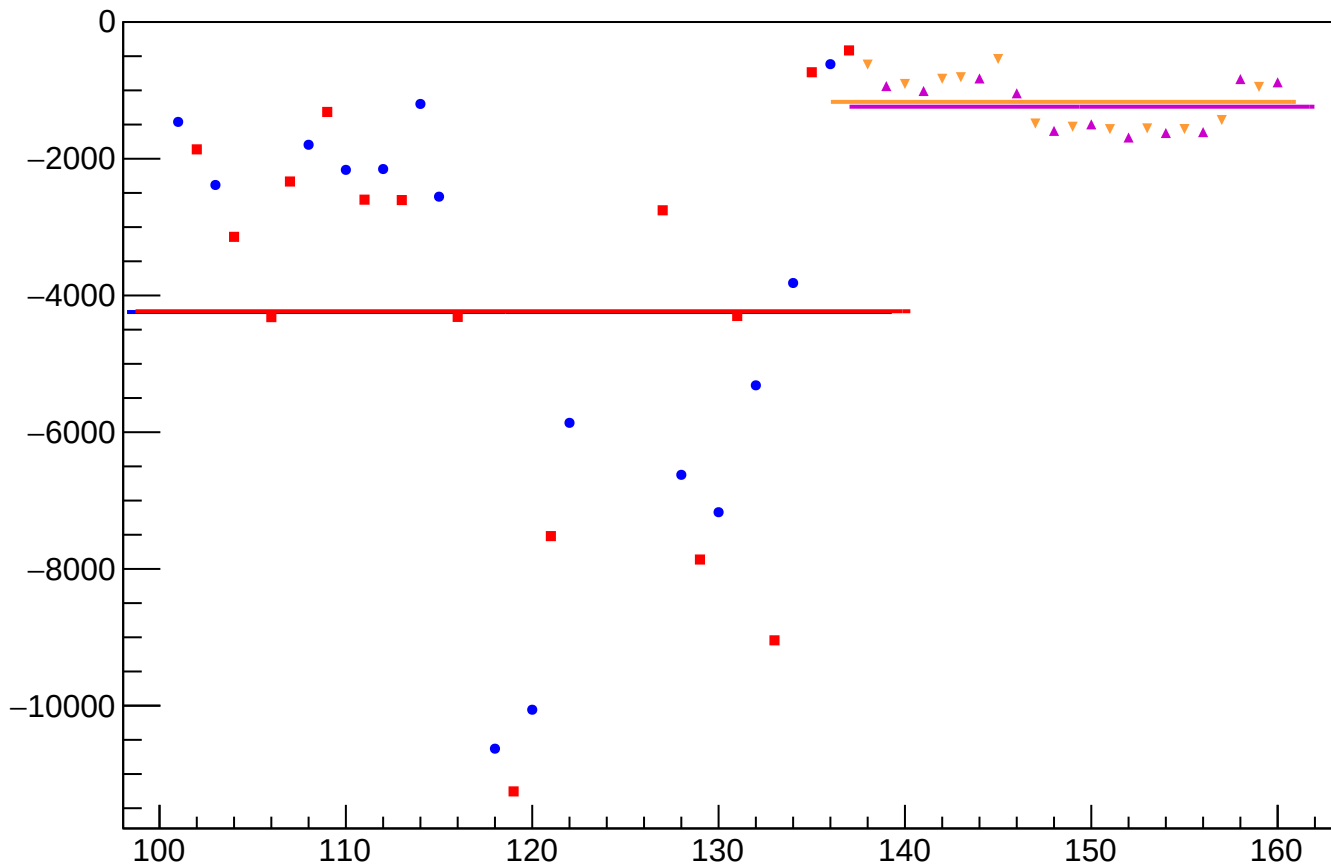
+ sign 374.848+/-0.000 χ^2/NDF : 159550066545425
 All: 373.328+/-0.000 χ^2/NDF : 374668009648
 - sign 371.831+/-0.000 χ^2/NDF : 215046104489711

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

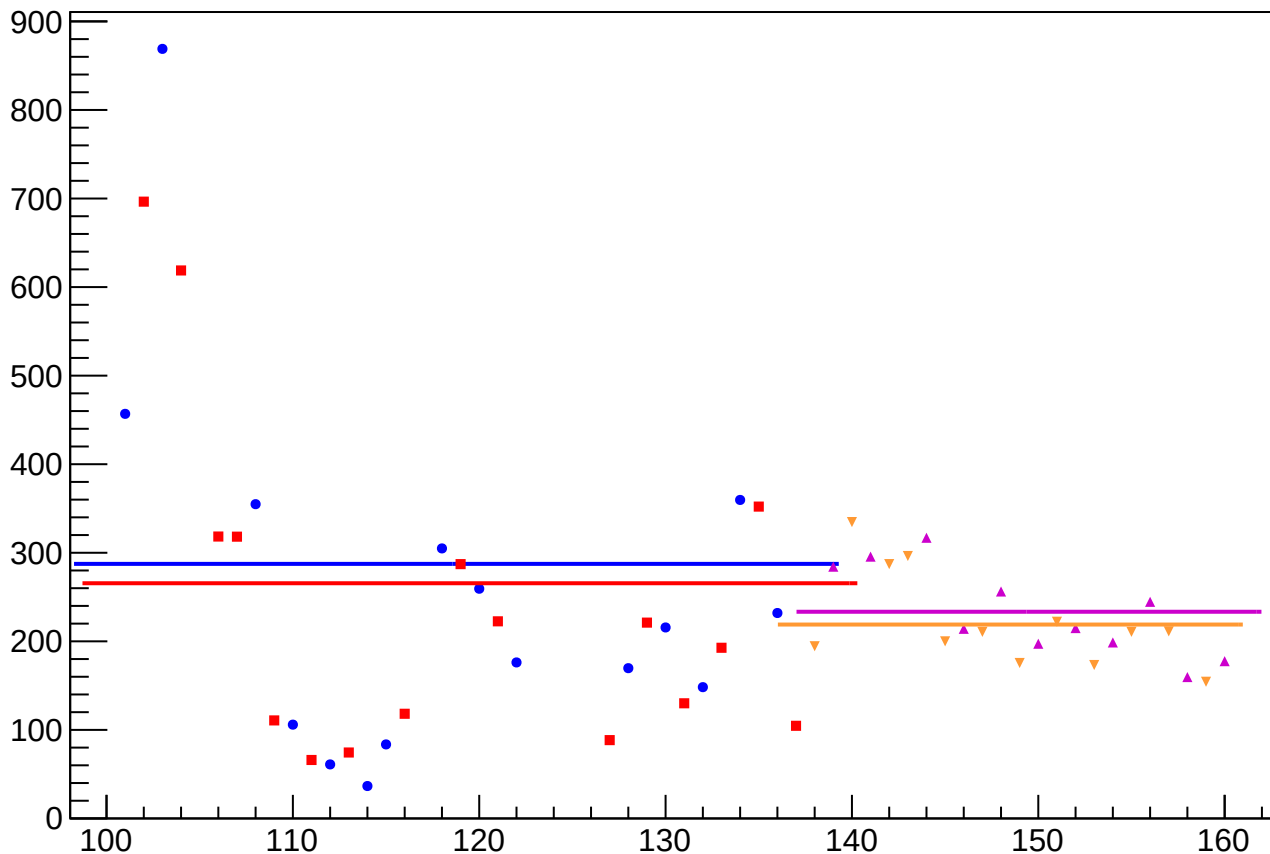
dit_sam7_coil7_mean vs Slug



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

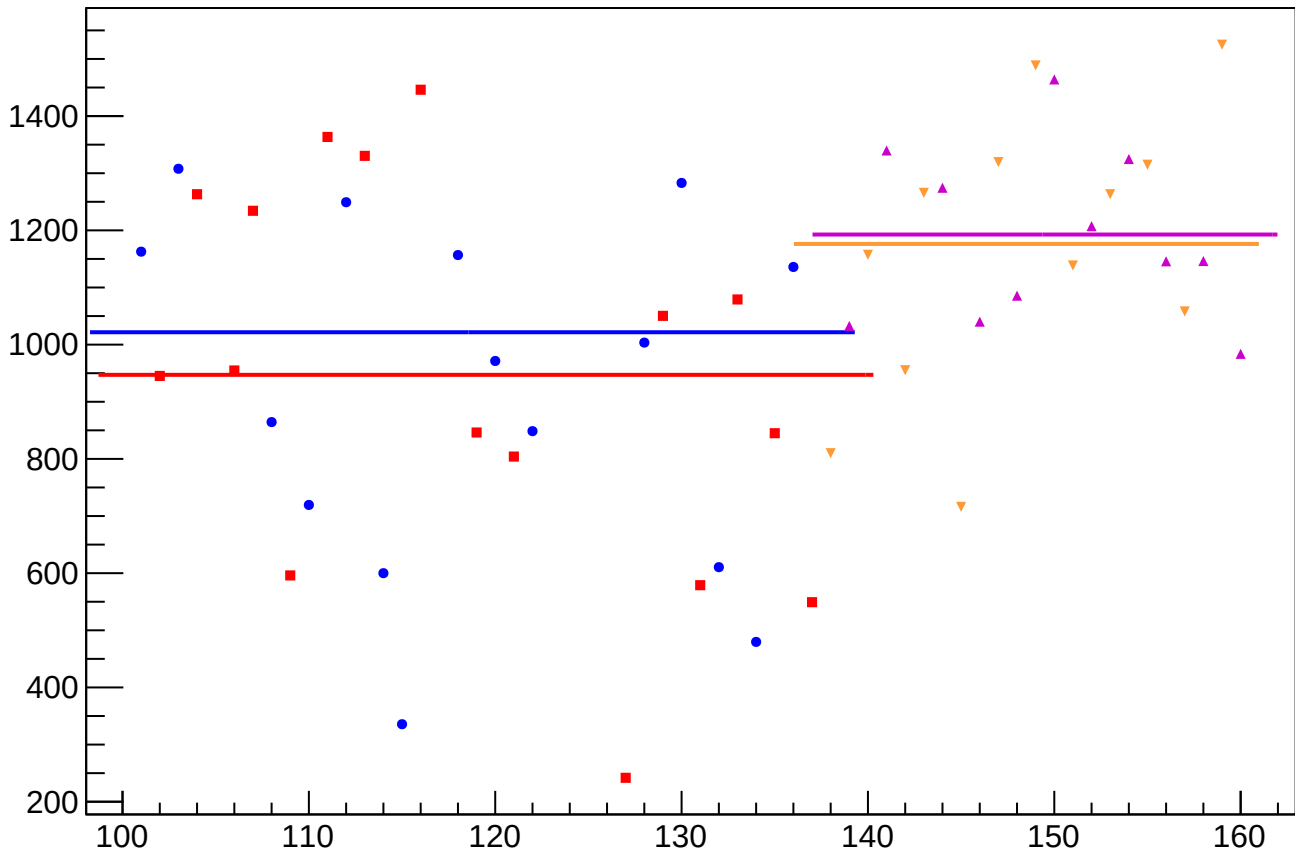
+ sign -2442.006+/-0.000 χ^2/NDF : 1051571012116
 All: -2467.809+/-0.000 χ^2/NDF : 2077977002
 - sign -2493.207+/-0.000 χ^2/NDF : 10261991032463

dit_sam7_coil7_err_mean vs Slug



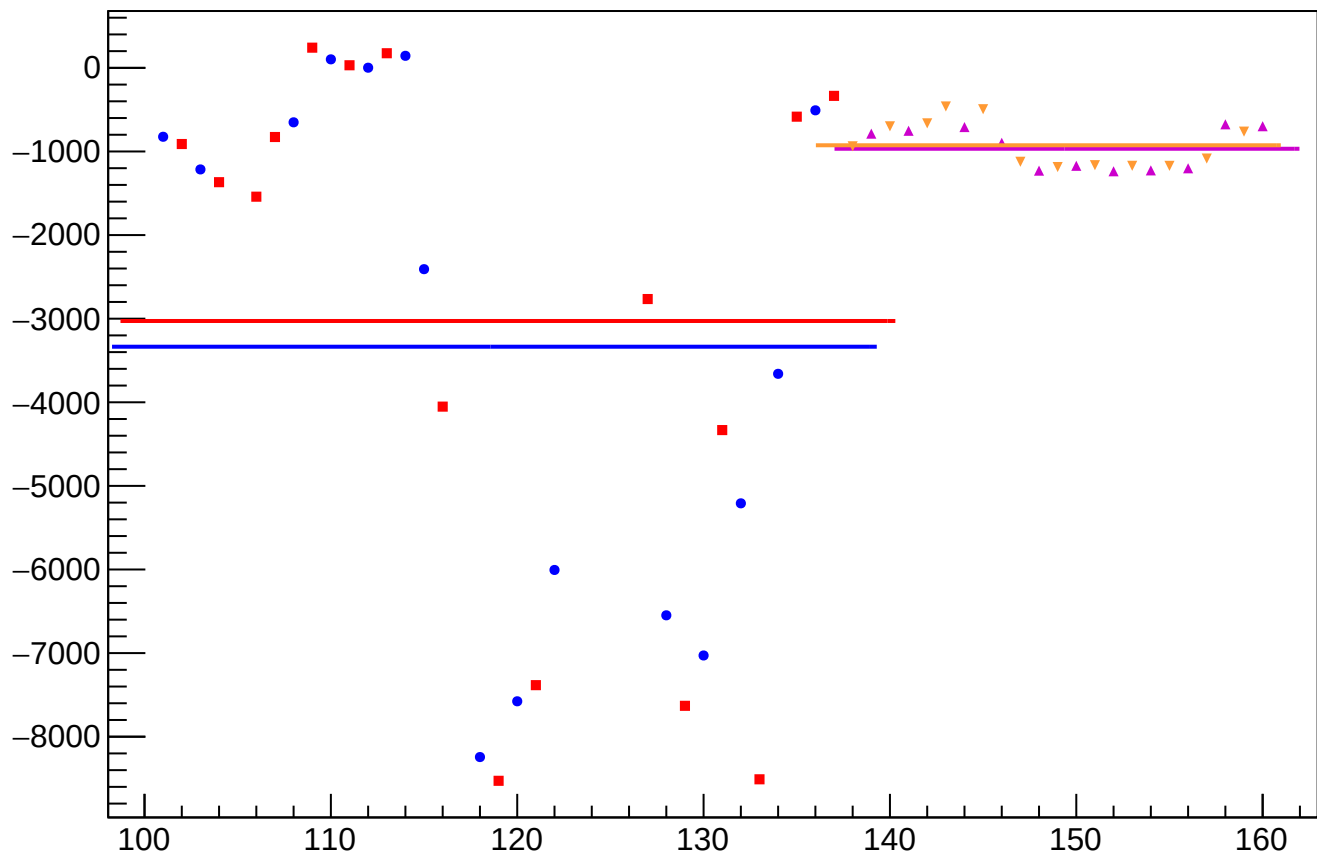
Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14
 Left Out: 218.953+/-0.000 χ^2/NDF : 2475213997163419950481199473566416896.0/11
 Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15
 Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

dit_sam7_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_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

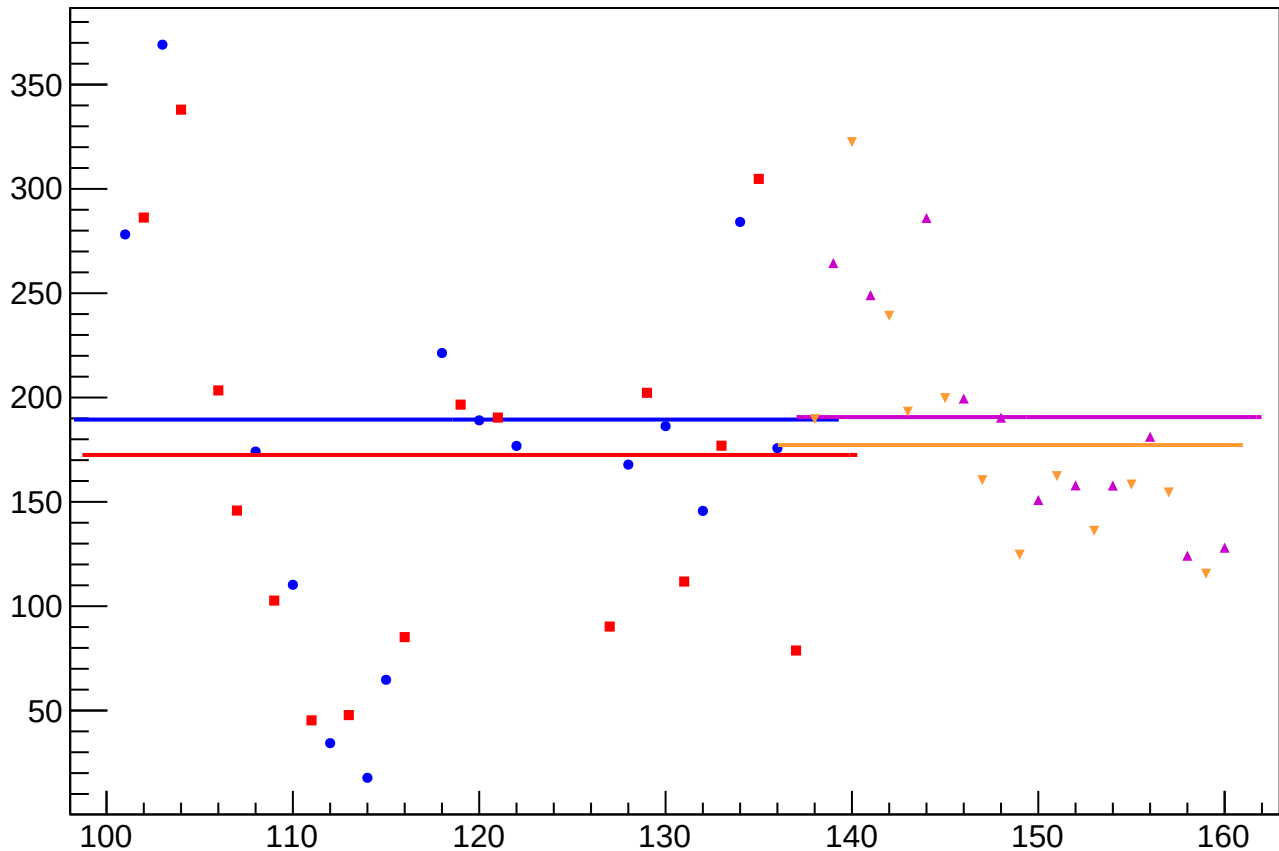
Right Out: -3027.603 ± 0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15

Left In: -967.568 ± 0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

All: -1877.420 ± 0.000 χ^2/NDF : 1739679600

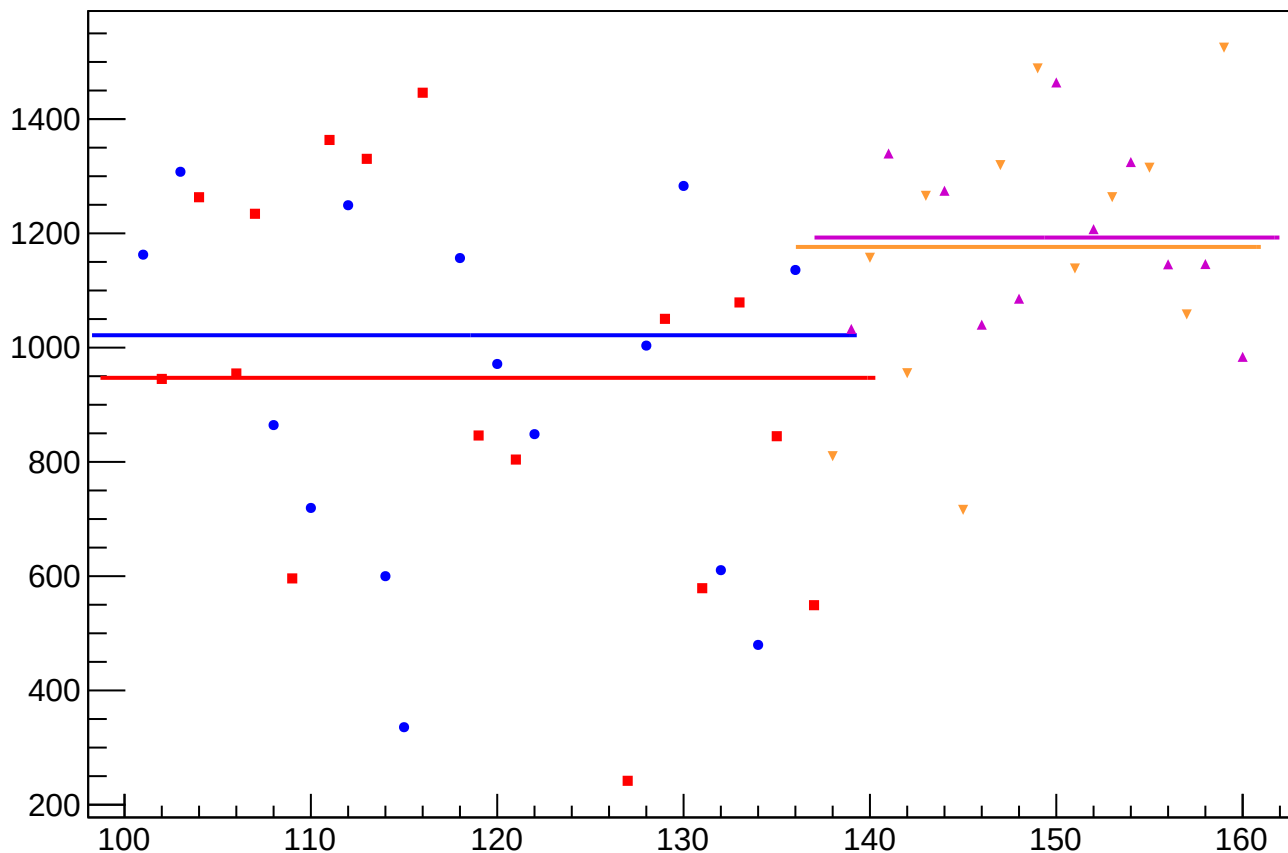
- sign -1831.203 ± 0.000 χ^2/NDF : 87815243922483

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442 $\pm$ 0.000	χ^2 /NDF: 4707234253929700721726064108794544128.0/14	+ sign 182.290 $\pm$ 0.000	χ^2 /NDF: 752760486130990
Left Out: 177.229 $\pm$ 0.000	χ^2 /NDF: 2763689981014700365307320120704499712.0/11	All: 182.663 $\pm$ 0.000	χ^2 /NDF: 157866193823
Right Out: 172.485 $\pm$ 0.000	χ^2 /NDF: 5594813408996728261938711470404534272.0/15	- sign 183.029 $\pm$ 0.000	χ^2 /NDF: 825858339211044
Left In: 190.641 $\pm$ 0.000	χ^2 /NDF: 2536070386684067132001548898091925504.0/10		

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-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

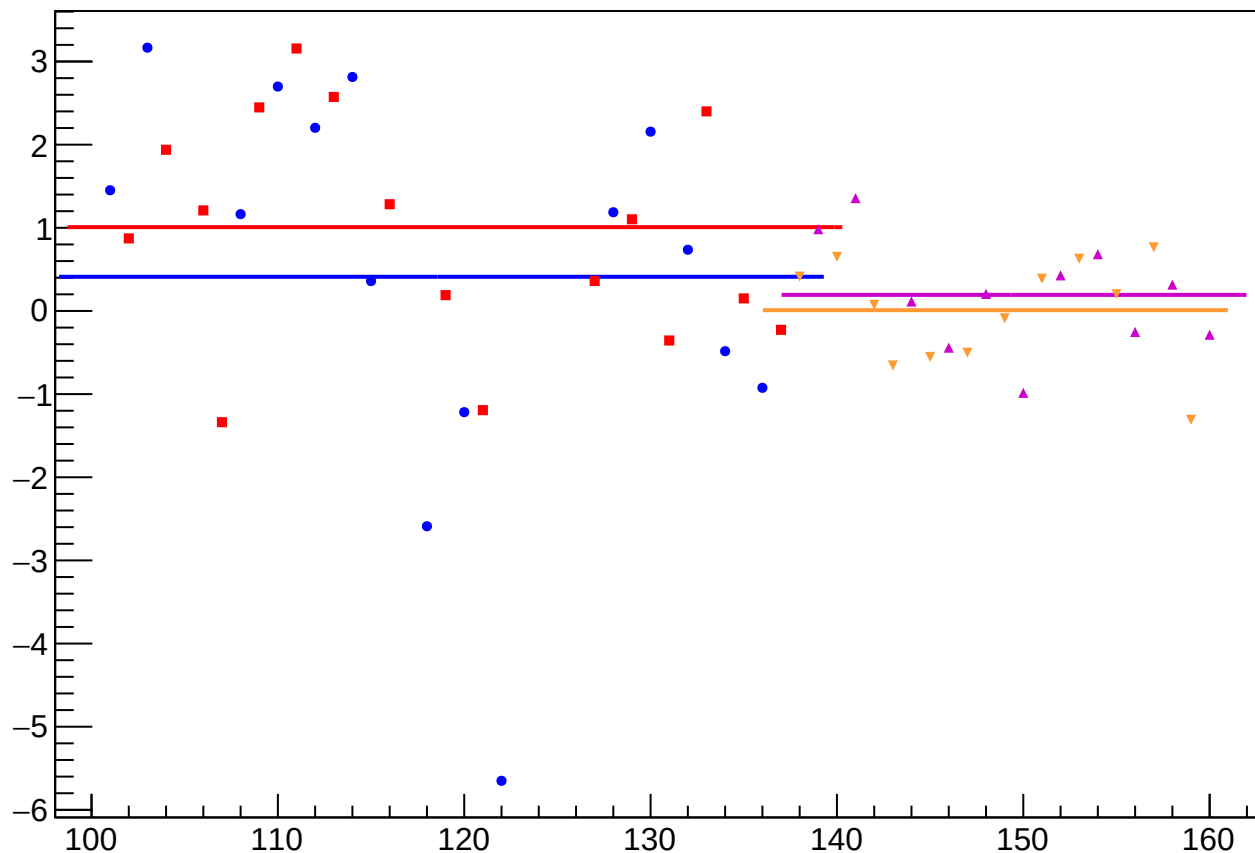
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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_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

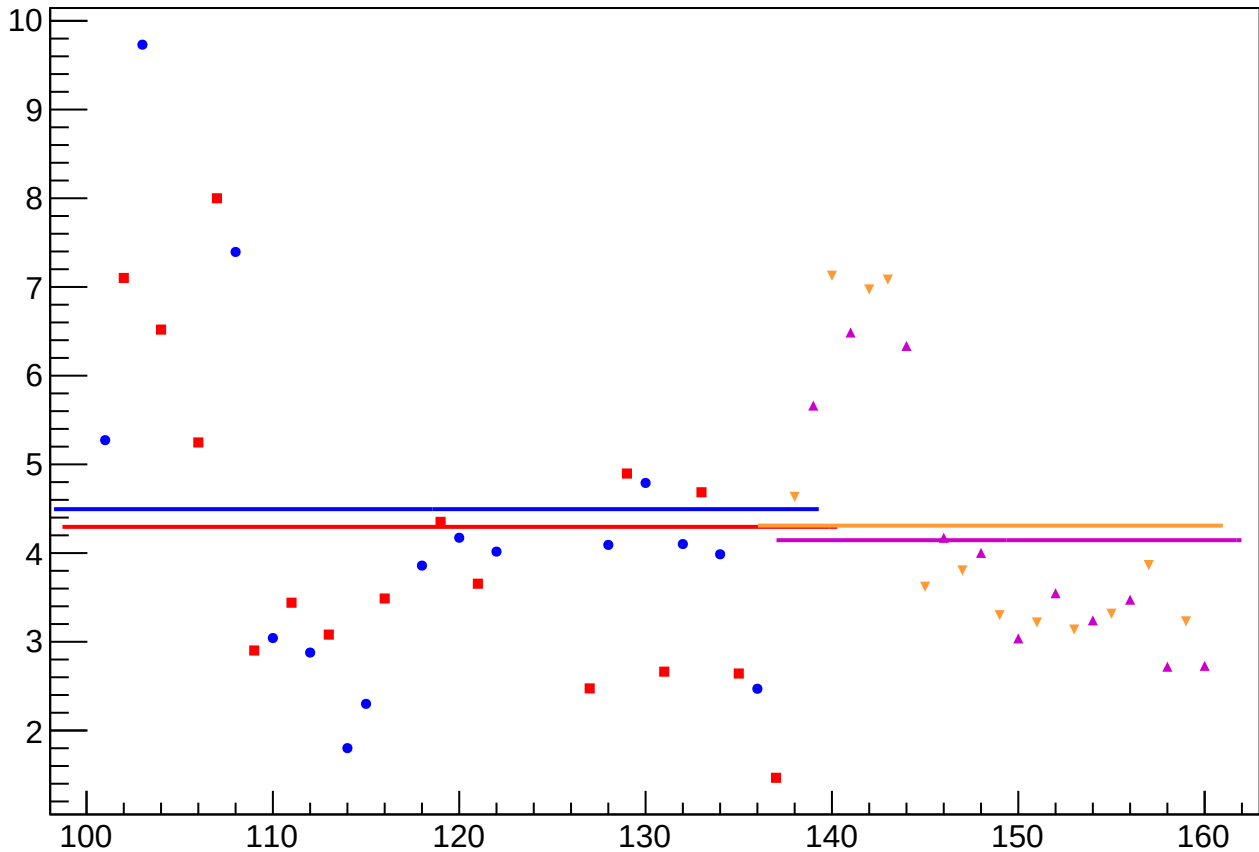
χ^2/NDF : 386133523330033860307880234713088.0/10

+ 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

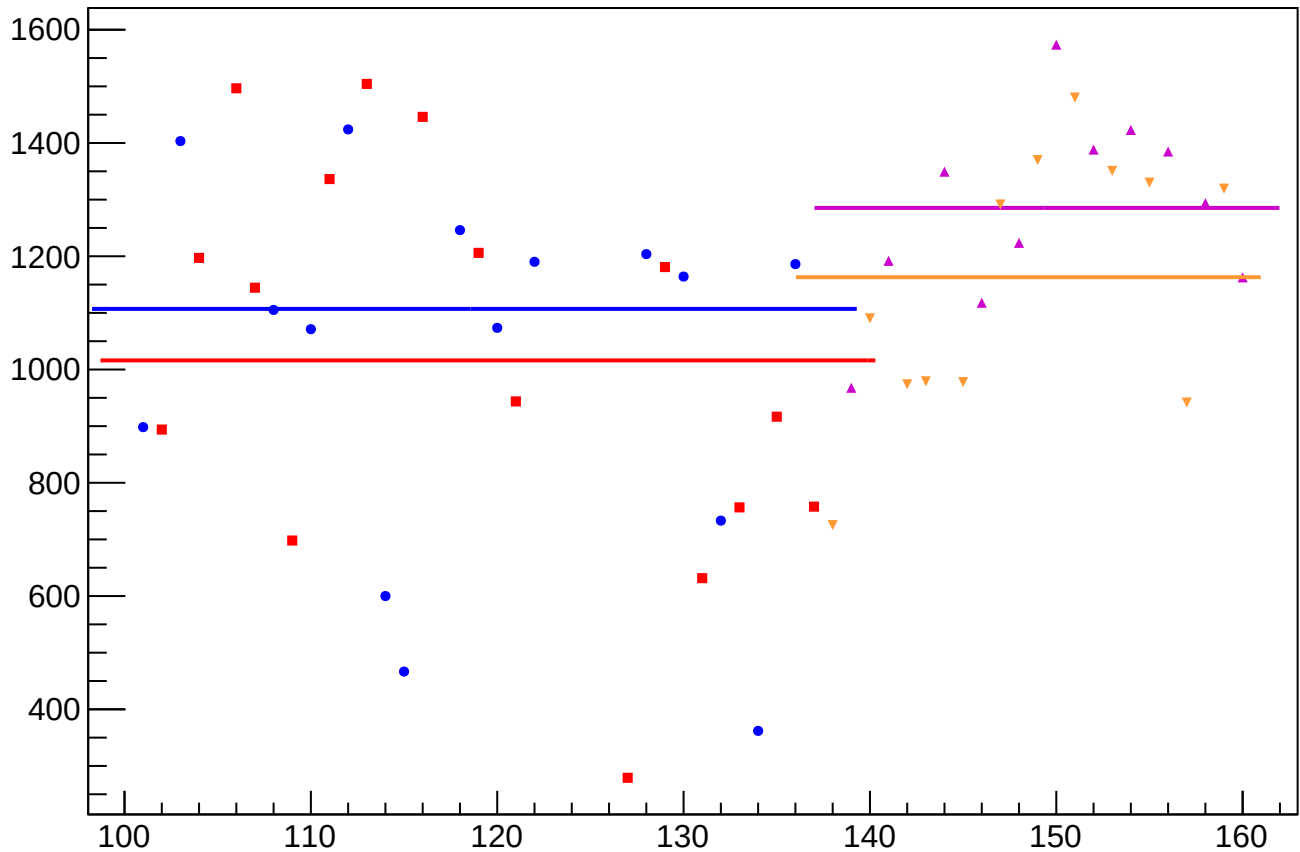
Left In: 4.145 $\pm$ 0.000 χ^2 /NDF: 1645942604303349608571849827942400.0/10

+ sign 4.387 $\pm$ 0.000 χ^2 /NDF: 47959123890212102

All: 4.297 $\pm$ 0.000 χ^2 /NDF: 84876041077728

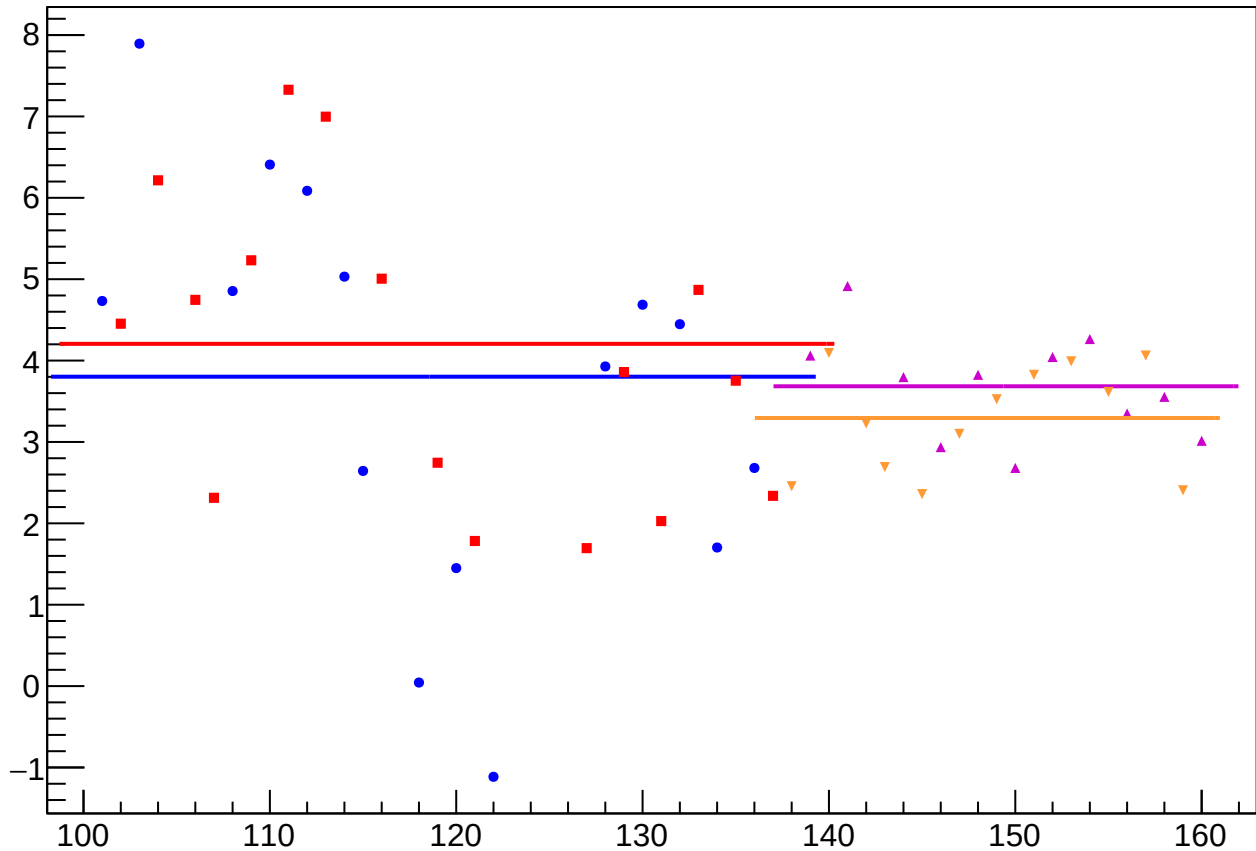
- sign 4.208 $\pm$ 0.000 χ^2 /NDF: 36666176911582785

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

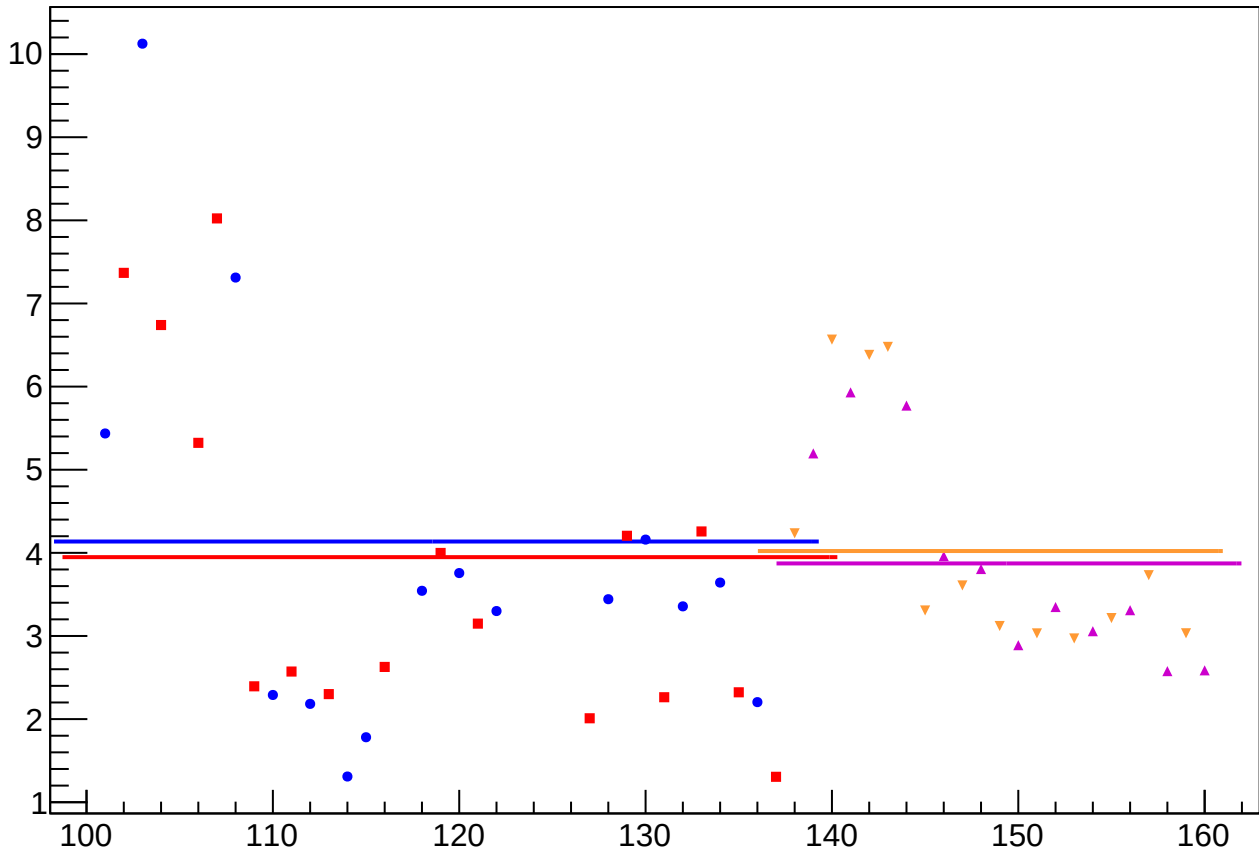
dit_4eX_coil4_mean vs Slug



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

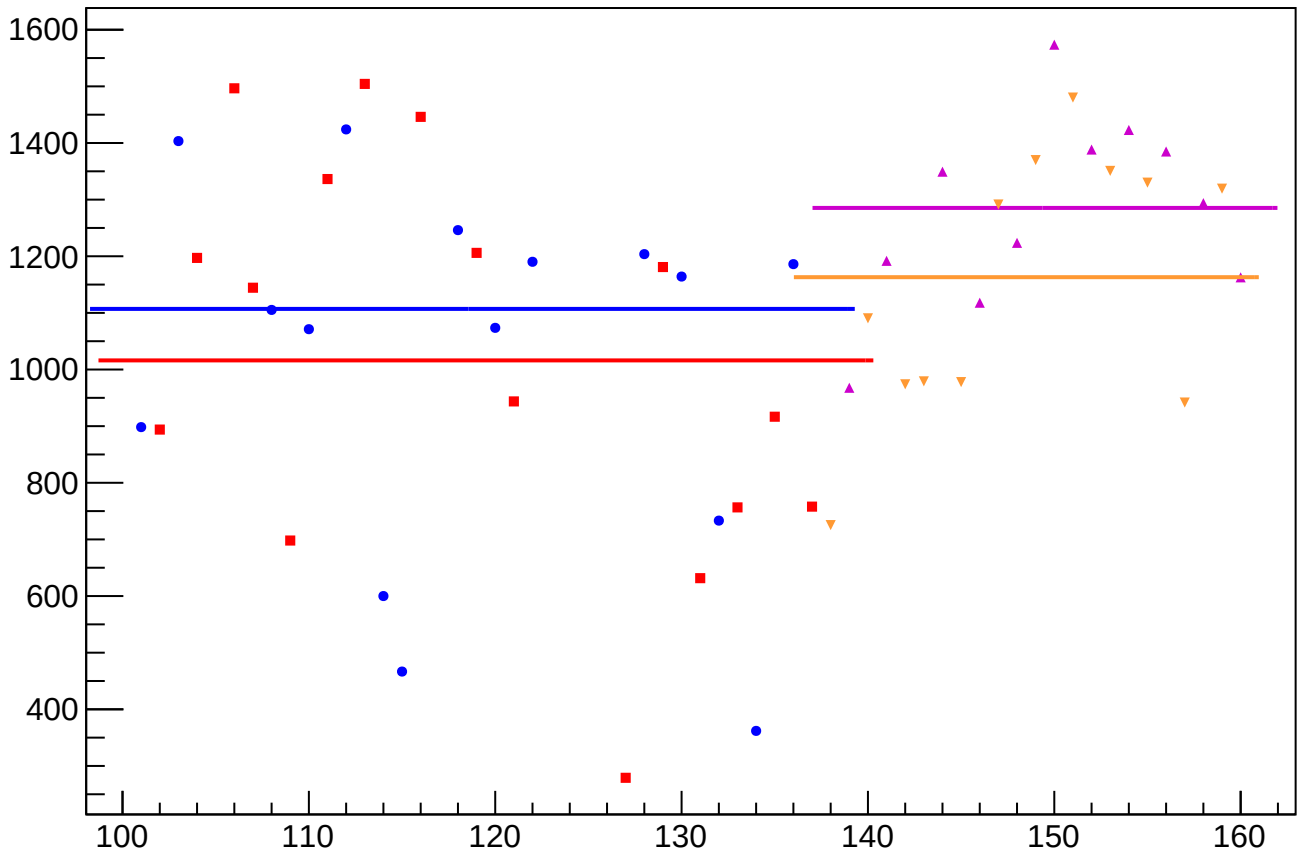
+ sign 3.505+/-0.000 χ^2/NDF : 42841263037328413
 All: 3.705+/-0.000 χ^2/NDF : 6976869183465
 - sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

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

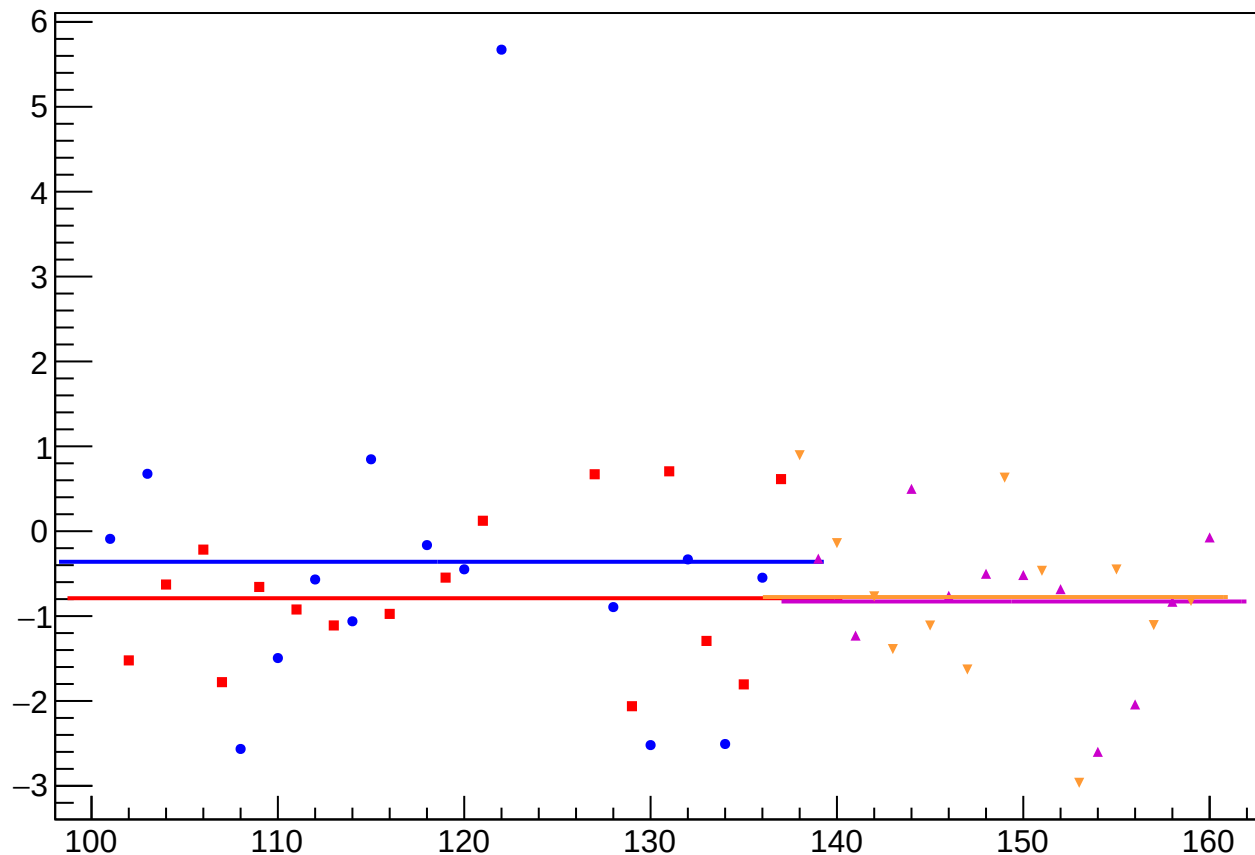
dit_4eX_coil4_Ndata_mean vs Slug



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

+ 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_11X12X_coil4_mean vs Slug



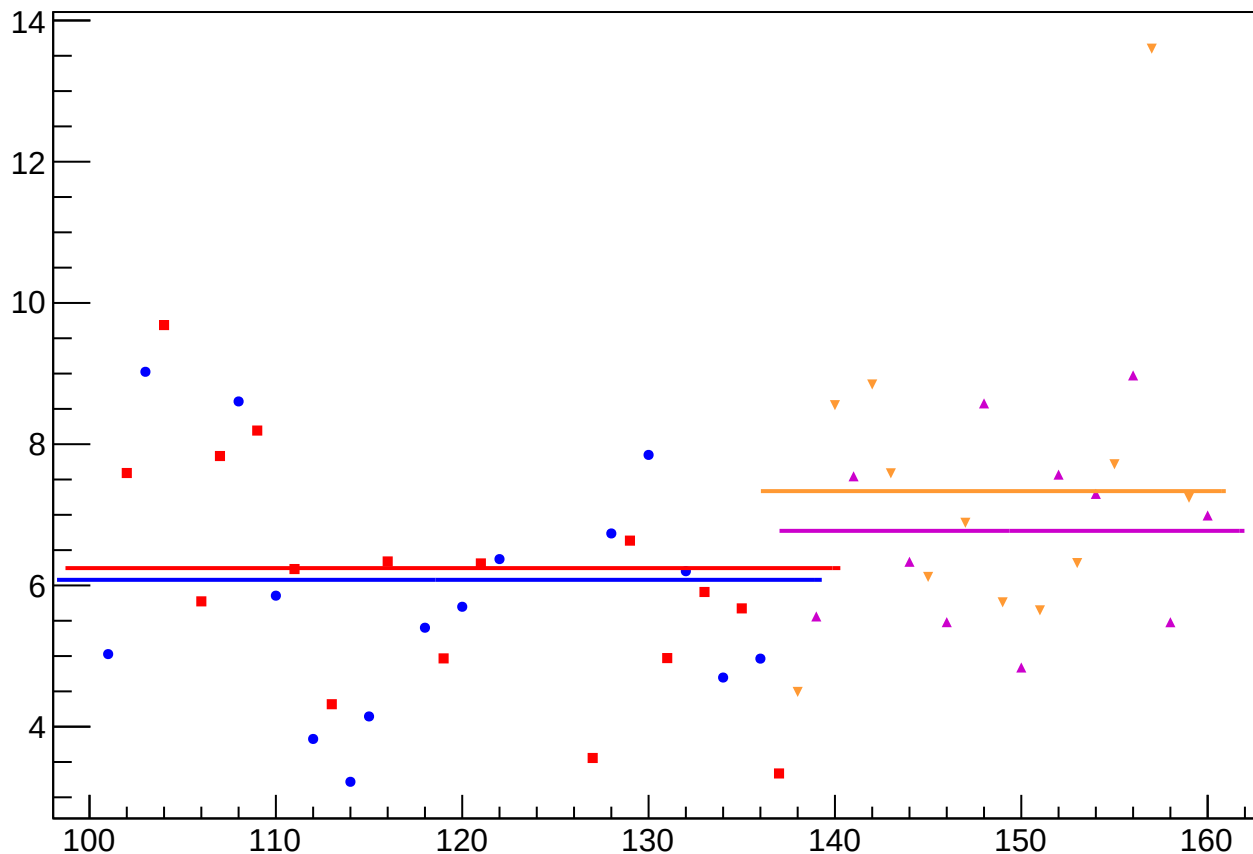
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

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

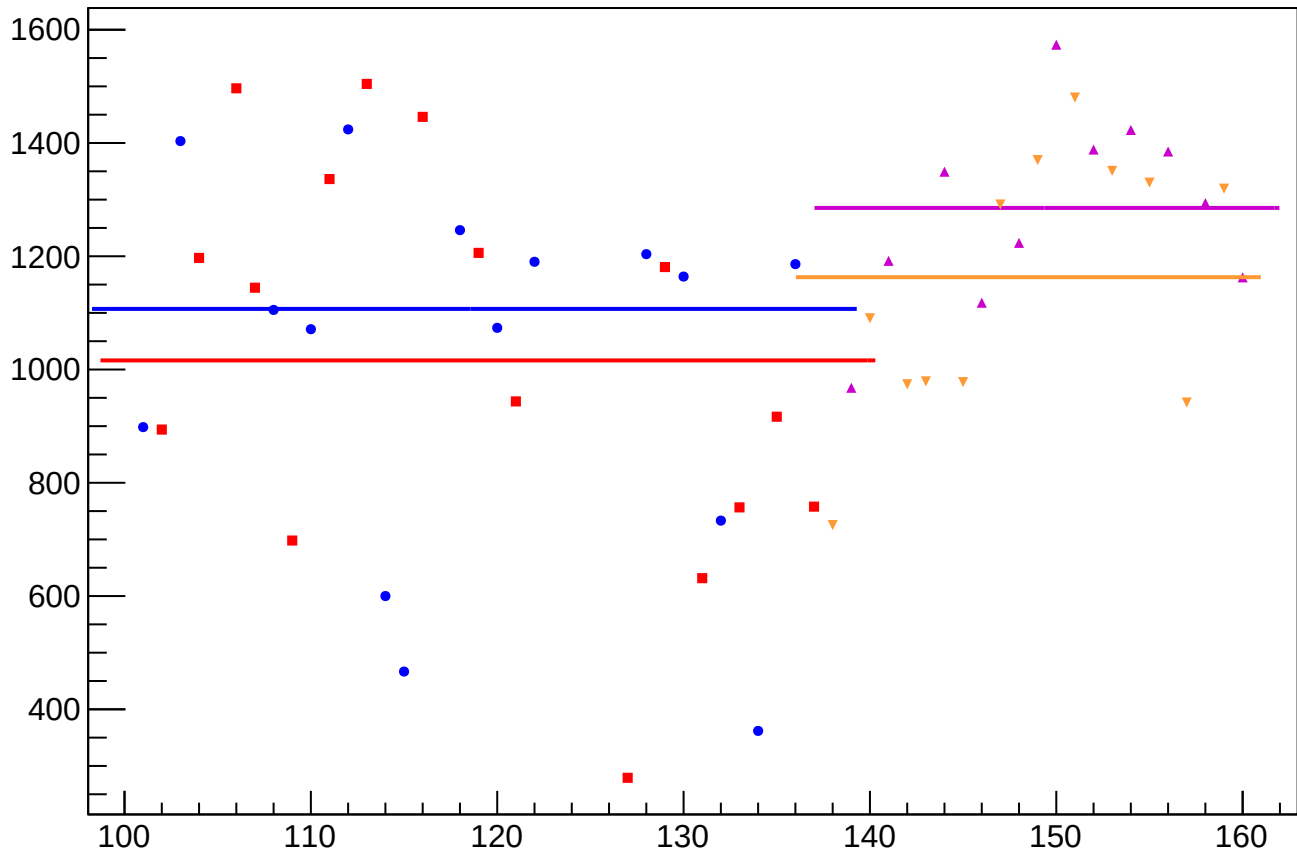
dit_11X12X_coil4_err_mean vs Slug



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

All: 6.682+/-0.000 χ^2/NDF : 10340427820903.0/11
 + sign 6.815+/-0.000 χ^2/NDF : 68155259084856645.0/11
 - sign 6.552+/-0.000 χ^2/NDF : 34702547921187787.0/11

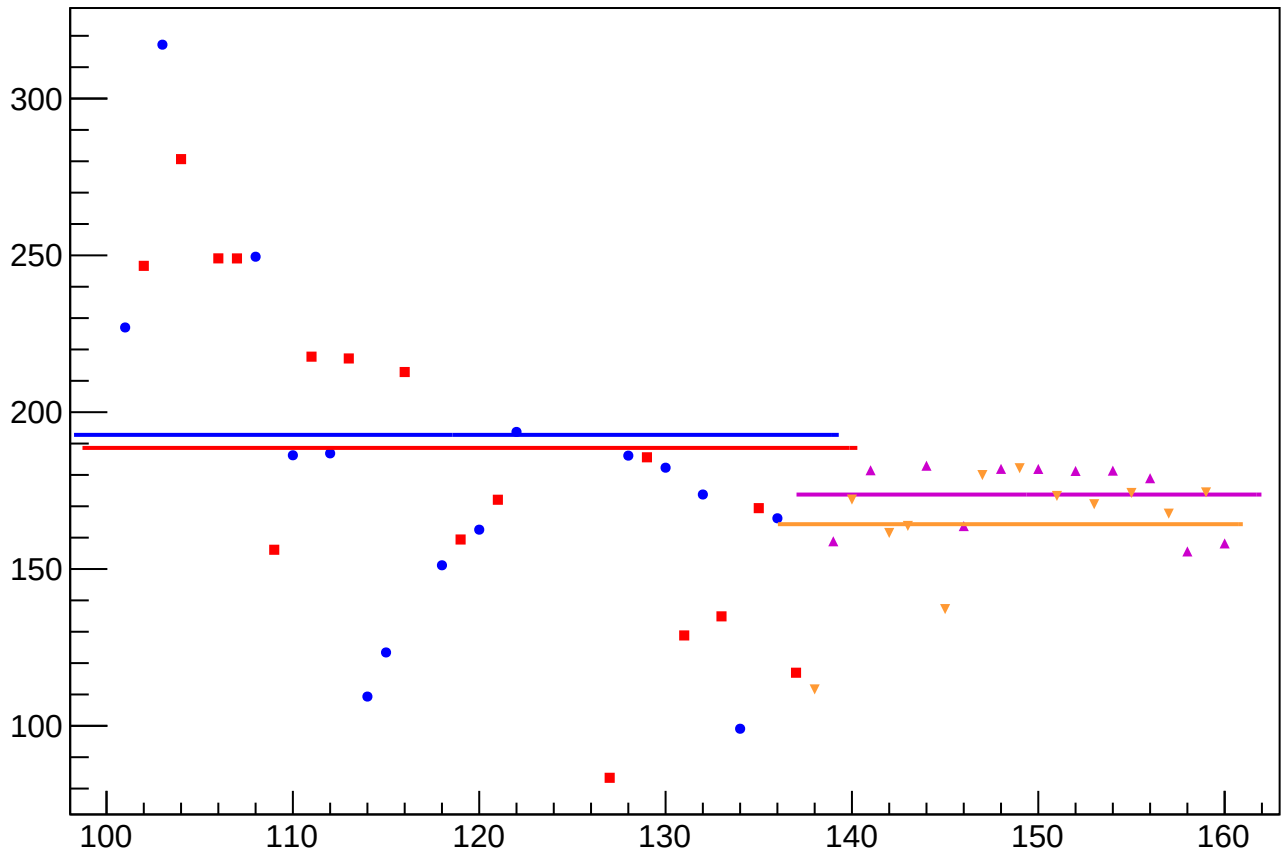
dit_11X12X_coil4_Ndata_mean vs Slug



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

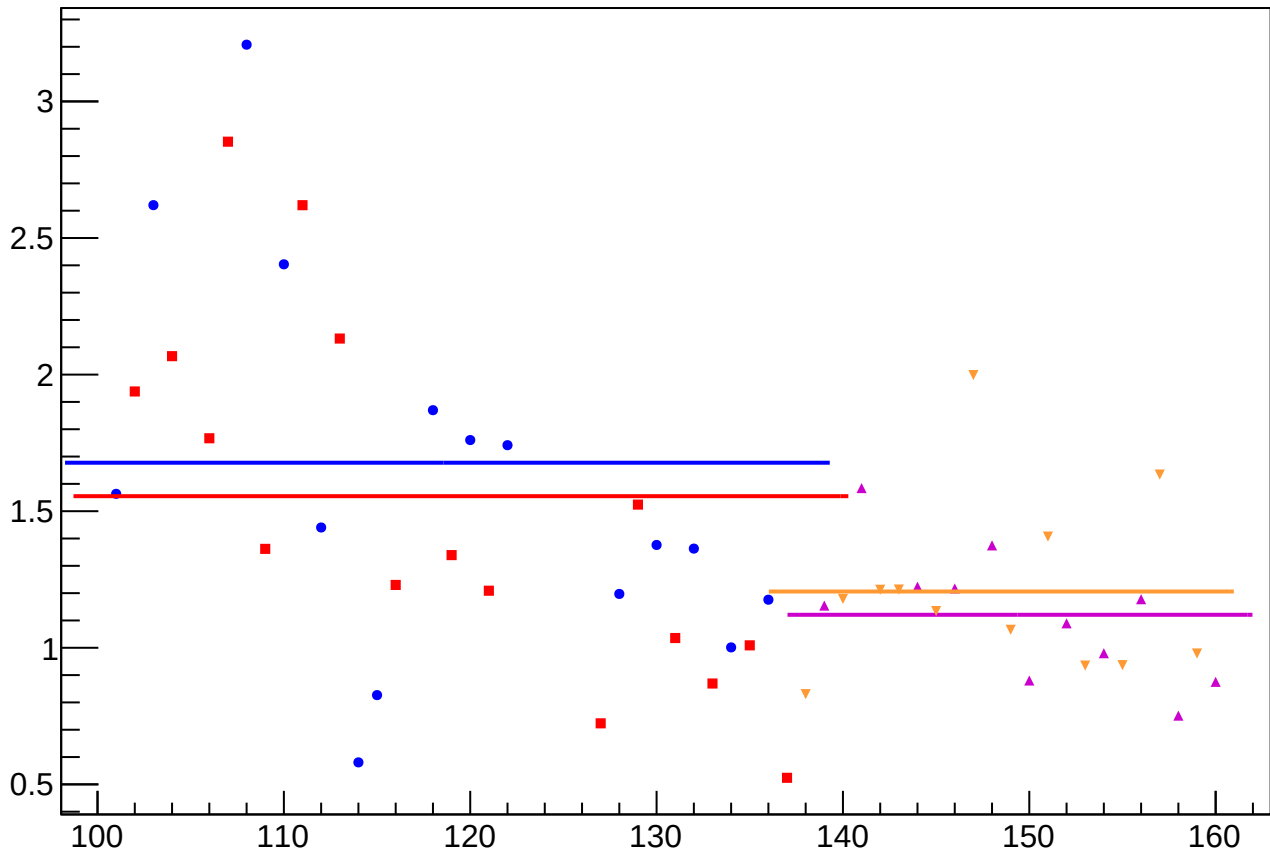
dit_4aY_coil4_mean vs Slug



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



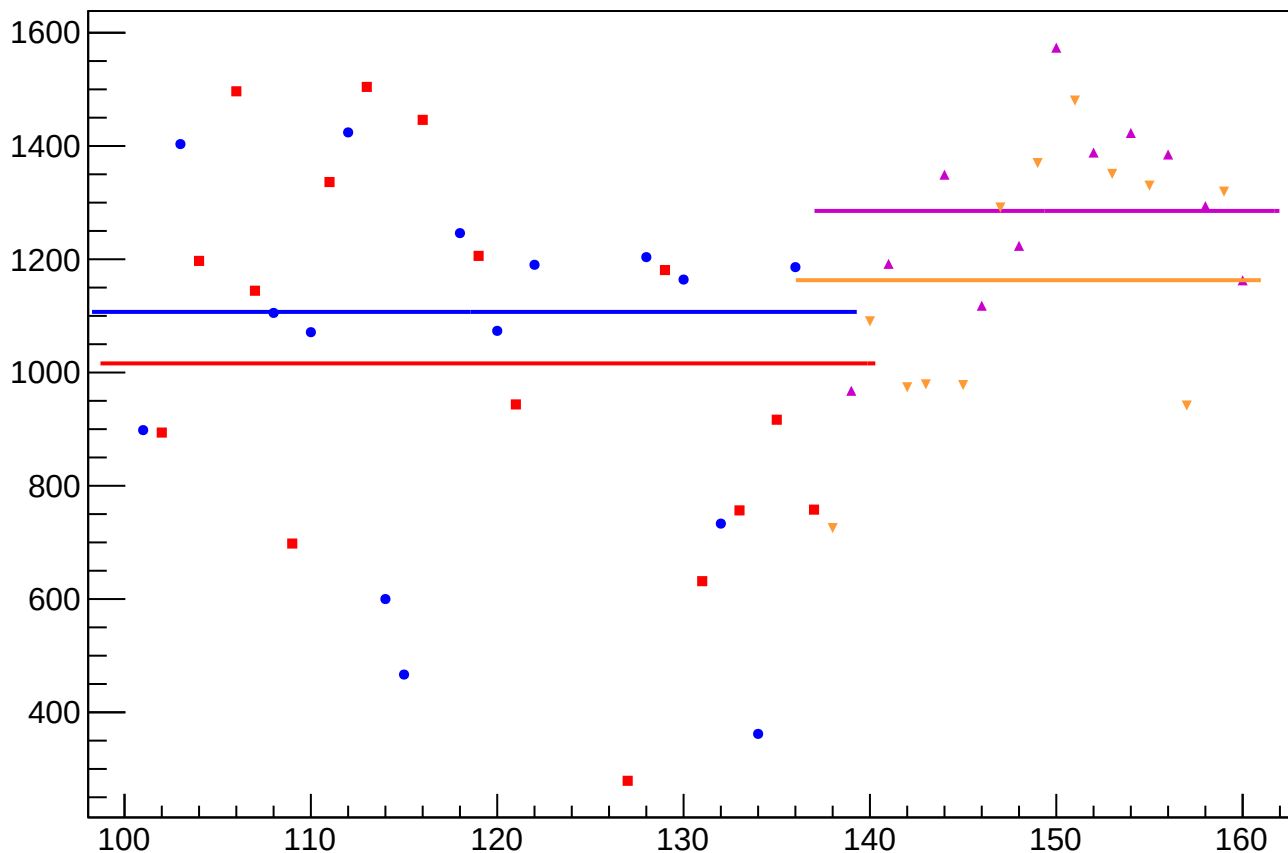
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

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 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

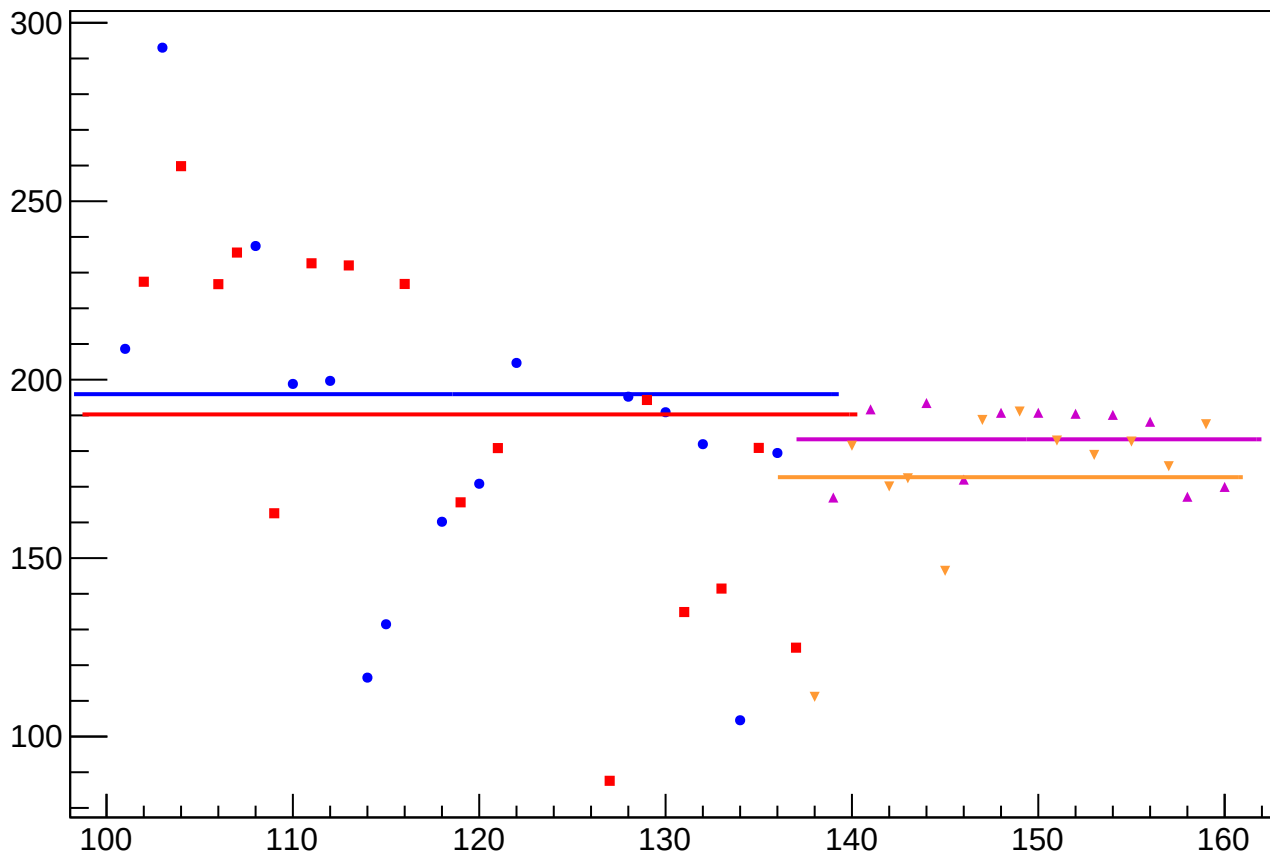
Left Out: 1163.051 $\pm$ 0.000 χ^2 /NDF: 45744768397049445452124121981603807232.0/11

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

+ sign 1139.844 $\pm$ 0.000 χ^2 /NDF: 87570338044863
All: 1156.292 $\pm$ 0.000 χ^2 /NDF: 21306550198
- sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

dit_4eY_coil4_mean vs Slug



Right In: 195.940 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14

Left Out: 172.678 $\pm$ 0.000 χ^2 /NDF: 444129154318784491704790528347340800.0/11

Right Out: 190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15

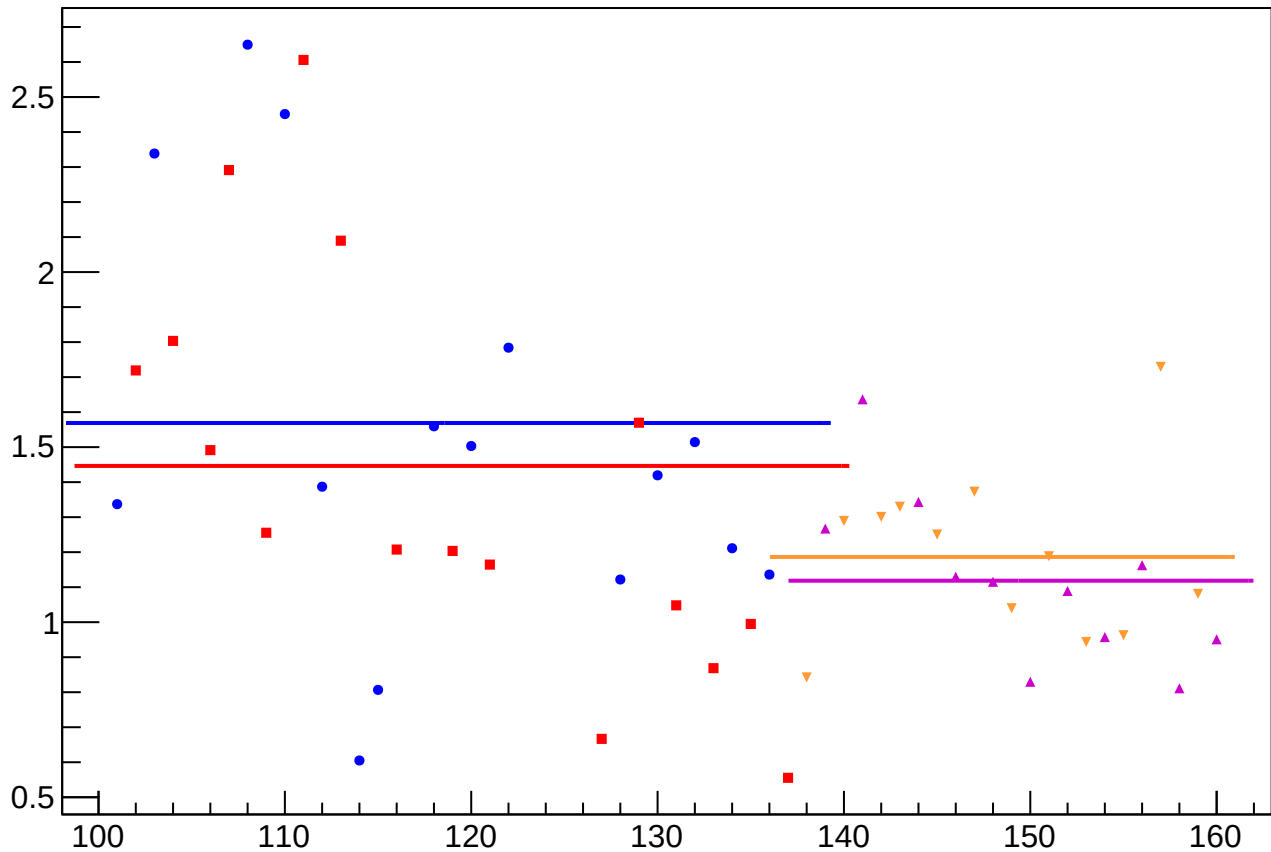
Left In: 183.290 $\pm$ 0.000 χ^2 /NDF: 101738841511111417821042611832487936.0/10

+ sign 182.319 $\pm$ 0.000 χ^2 /NDF: 170767185336738

All: 184.283 $\pm$ 0.000 χ^2 /NDF: 330872661752

- sign 186.216 $\pm$ 0.000 χ^2 /NDF: 158906987548328

dit_4eY_coil4_err_mean vs Slug



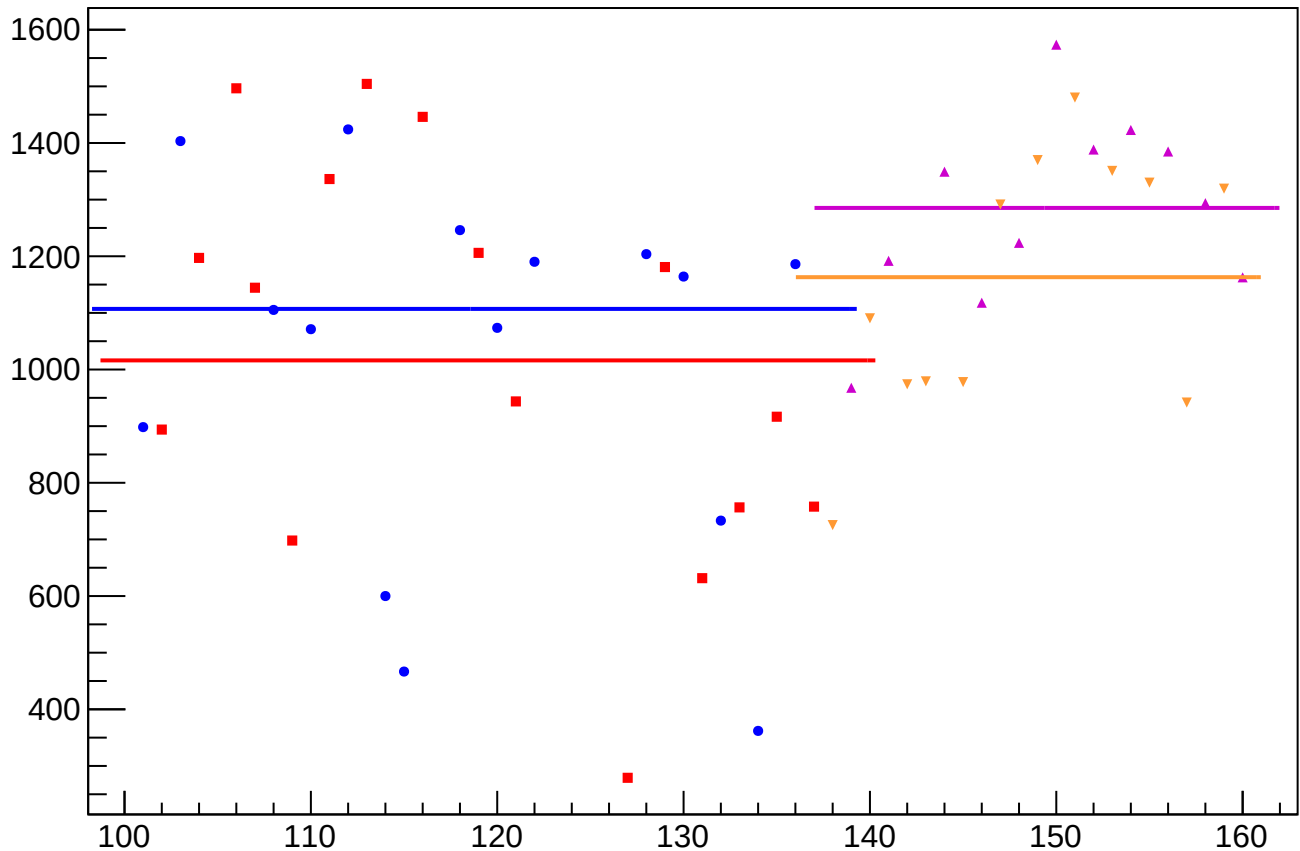
Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.186+/-0.000 χ^2/NDF : 50110649006733128269701442437120.0/11

Right Out: 1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

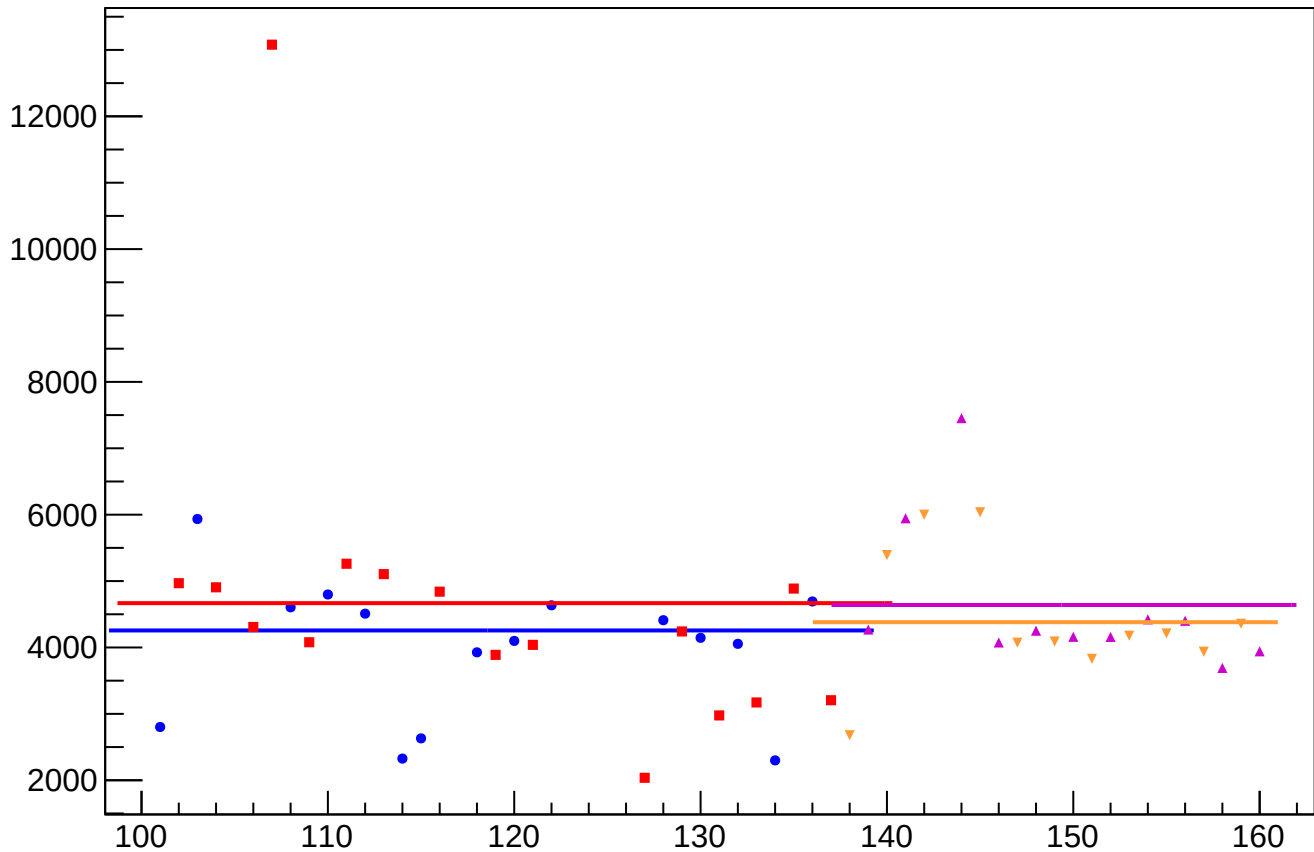
Left In: 1.118+/-0.000 χ^2/NDF : 48973496995723480911801365823488.0/10

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 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_usl_coil4_mean vs Slug



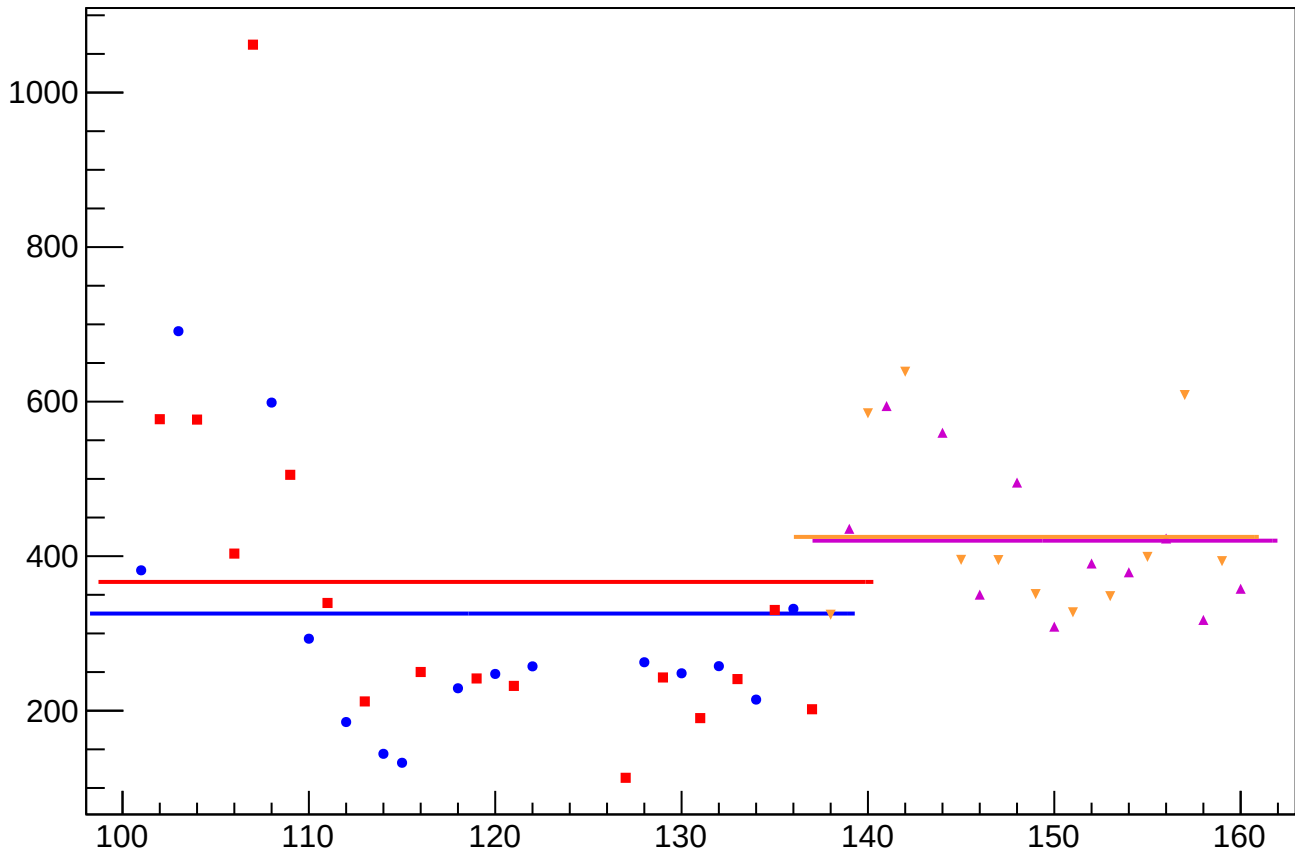
Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14
Left Out: 4380.887+/-0.000	χ^2/NDF : 711929350796242872356445332084336099328.0/10
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15
Left In: 4639.846+/-0.000	χ^2/NDF : 1058446303743243170530981239939506634752.0/10

+ 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



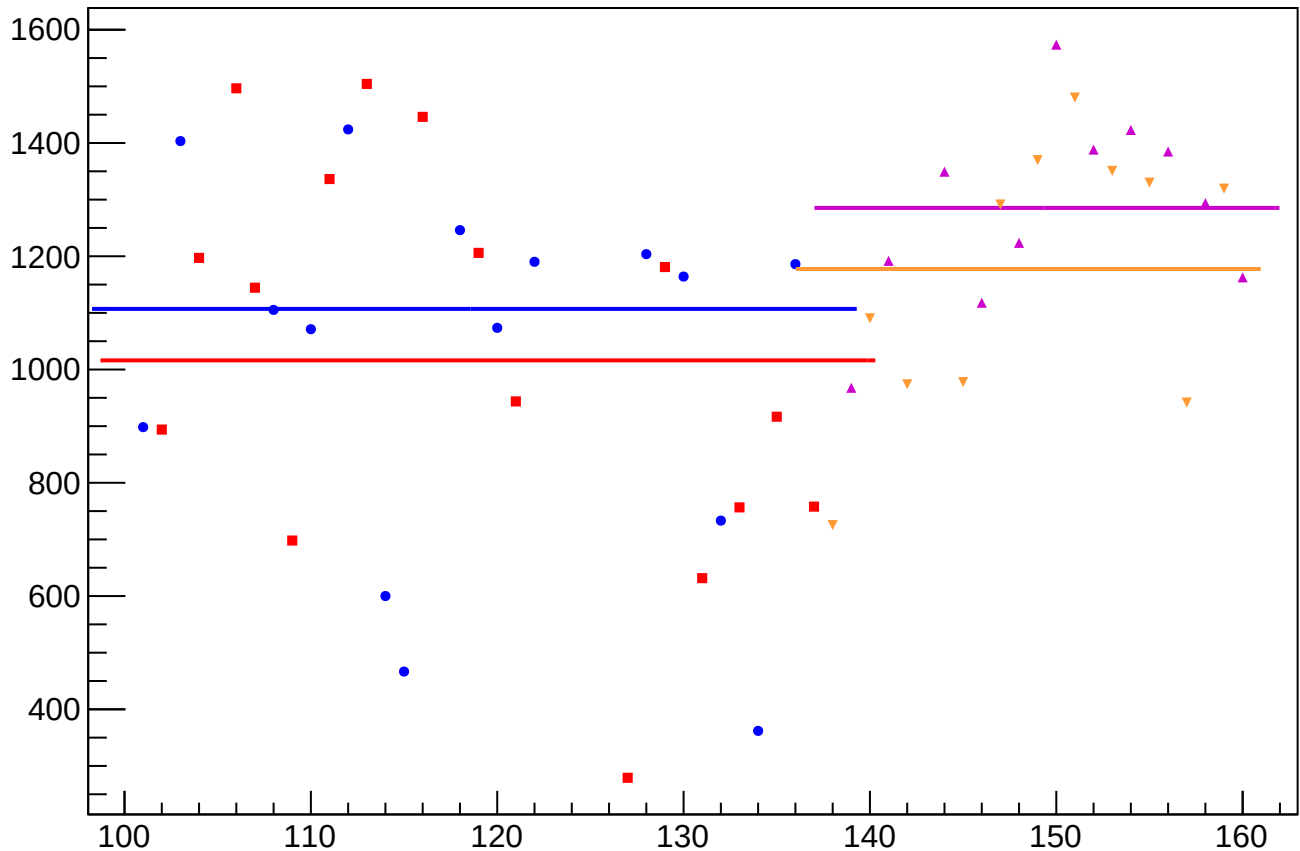
Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 424.941+/-0.000 χ^2/NDF : 9621828673272649813383773272468881408.0/10
 + sign 381.988+/-0.000 χ^2/NDF : 278772964276688

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15
 All: 390.069+/-0.000 χ^2/NDF : 689749872558

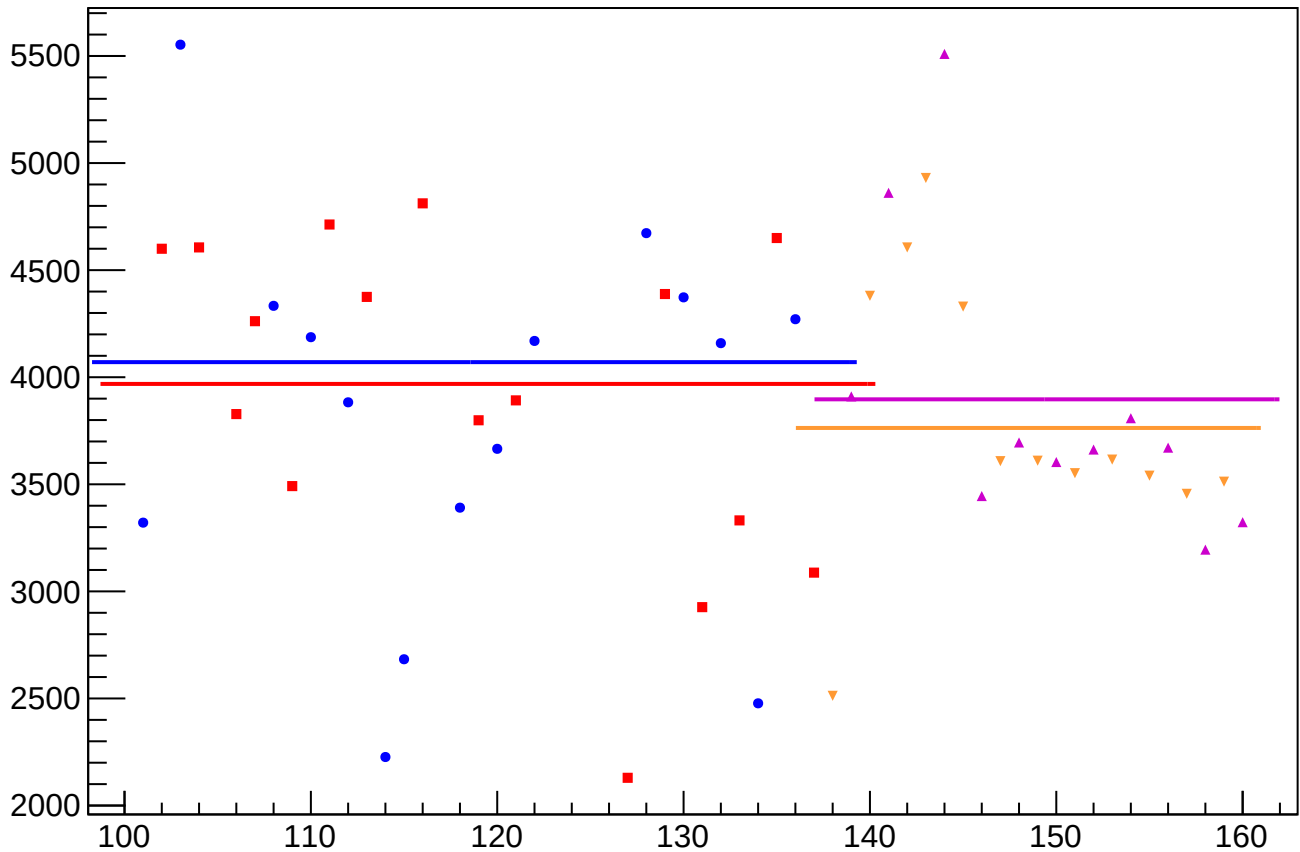
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10
 - sign 397.684+/-0.000 χ^2/NDF : 409075450012092

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1177.551 $\pm$ 0.000 χ^2 /NDF: 43299032399354290264123483303178141696.0/10
 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

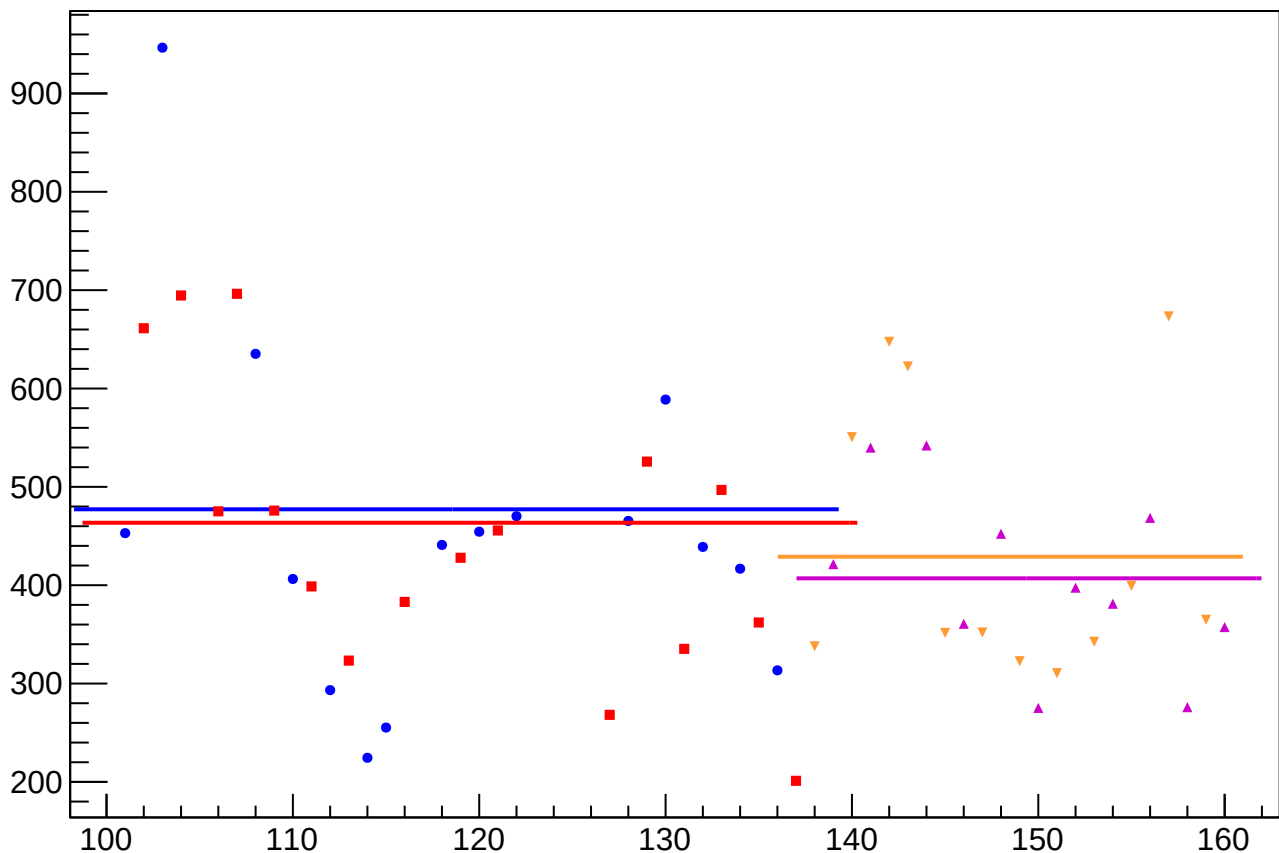
dit_usr_coil4_mean vs Slug



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

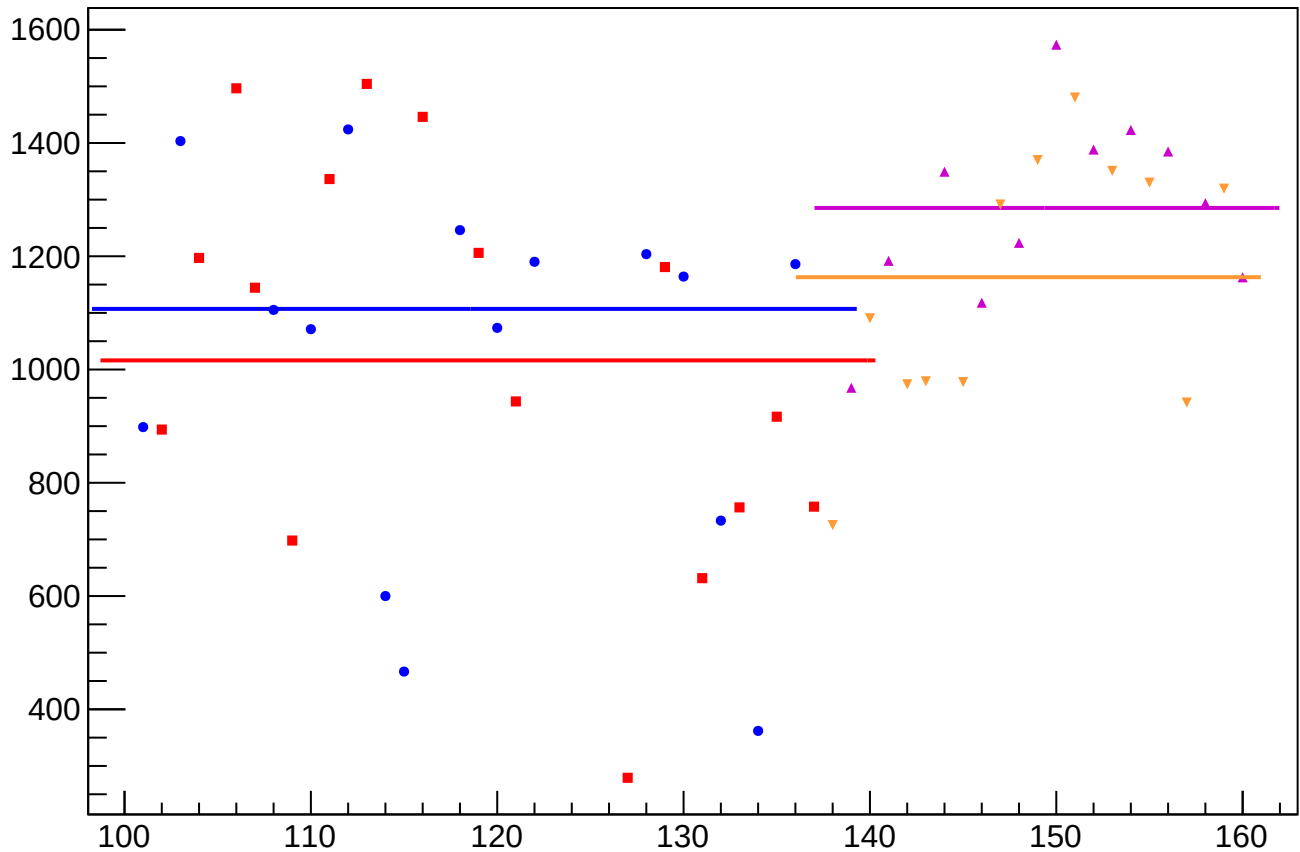
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 448.957+/-0.000 χ^2/NDF : 366327990822750

All: 439.749+/-0.000 χ^2/NDF : 577048219022

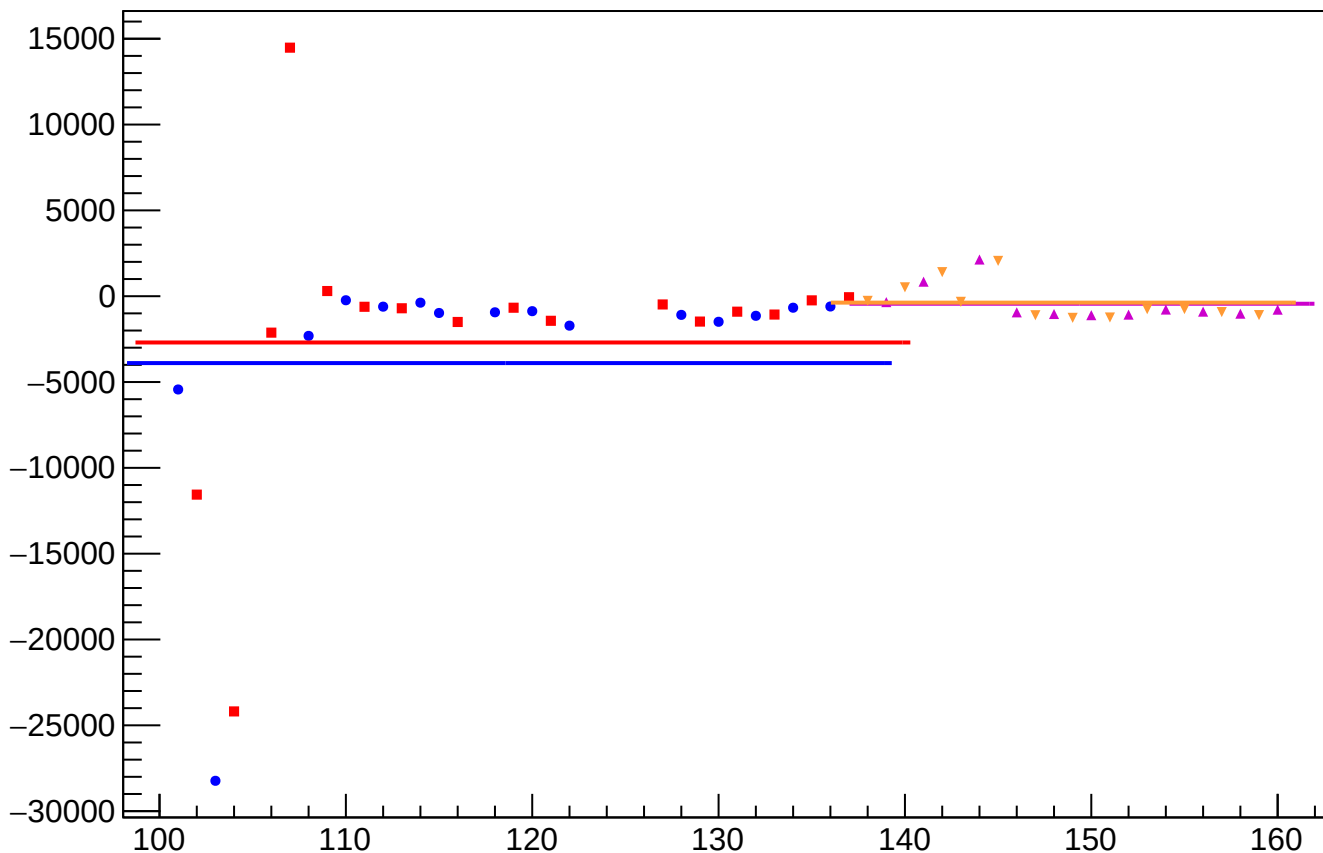
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



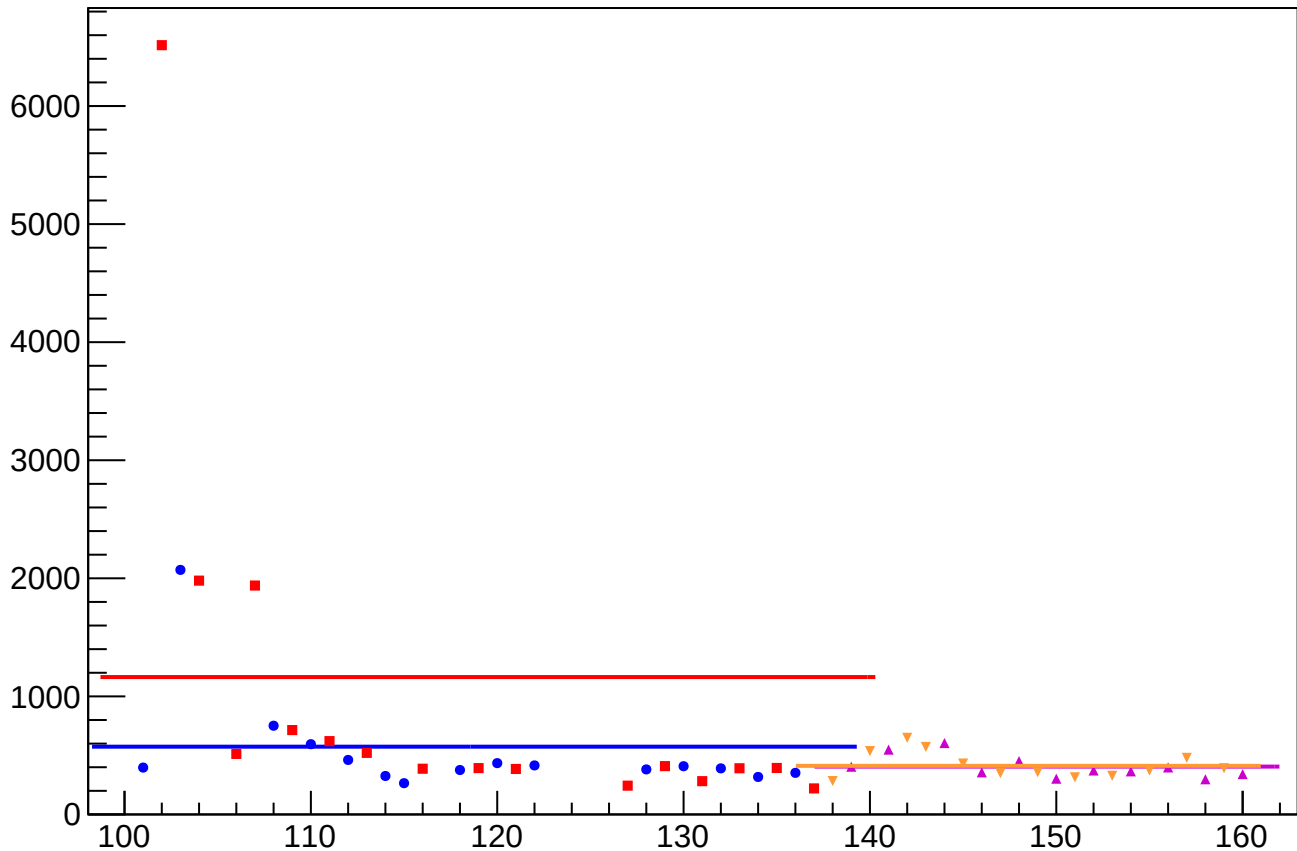
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1139.844+/-0.000	χ^2/NDF : 87570338044863
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	All: 1156.292+/-0.000	χ^2/NDF : 21306550198
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- 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

dit_atl1_coil4_err_mean vs Slug



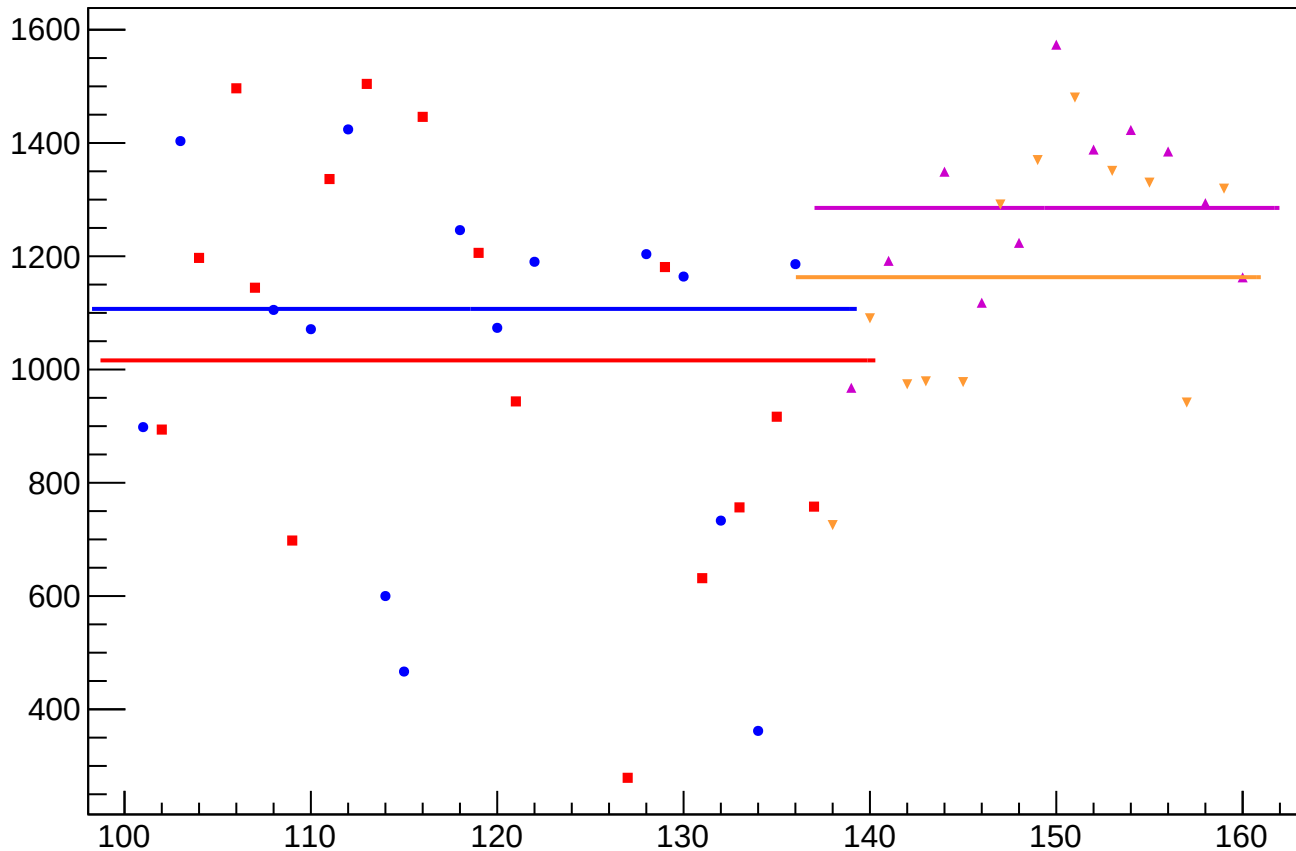
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

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

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

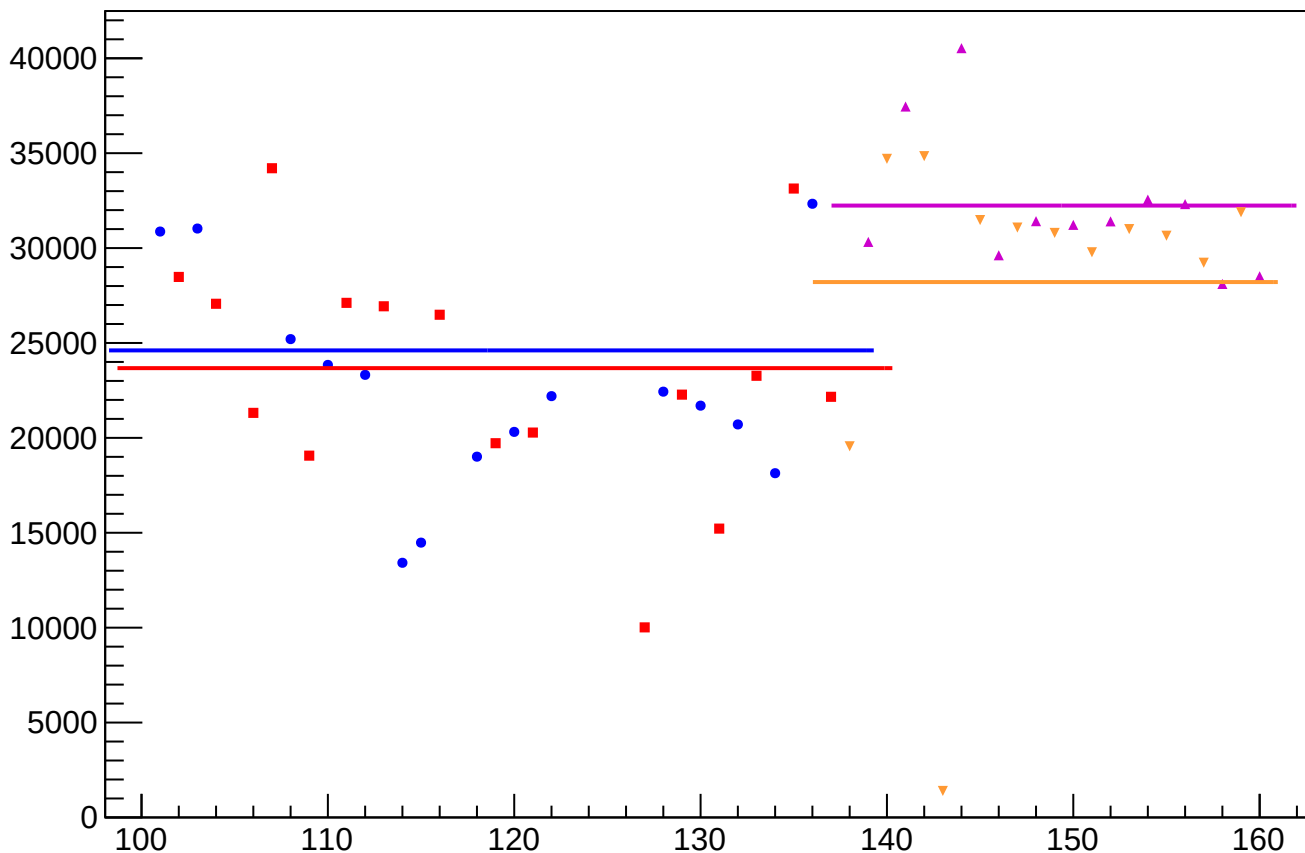
Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11

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

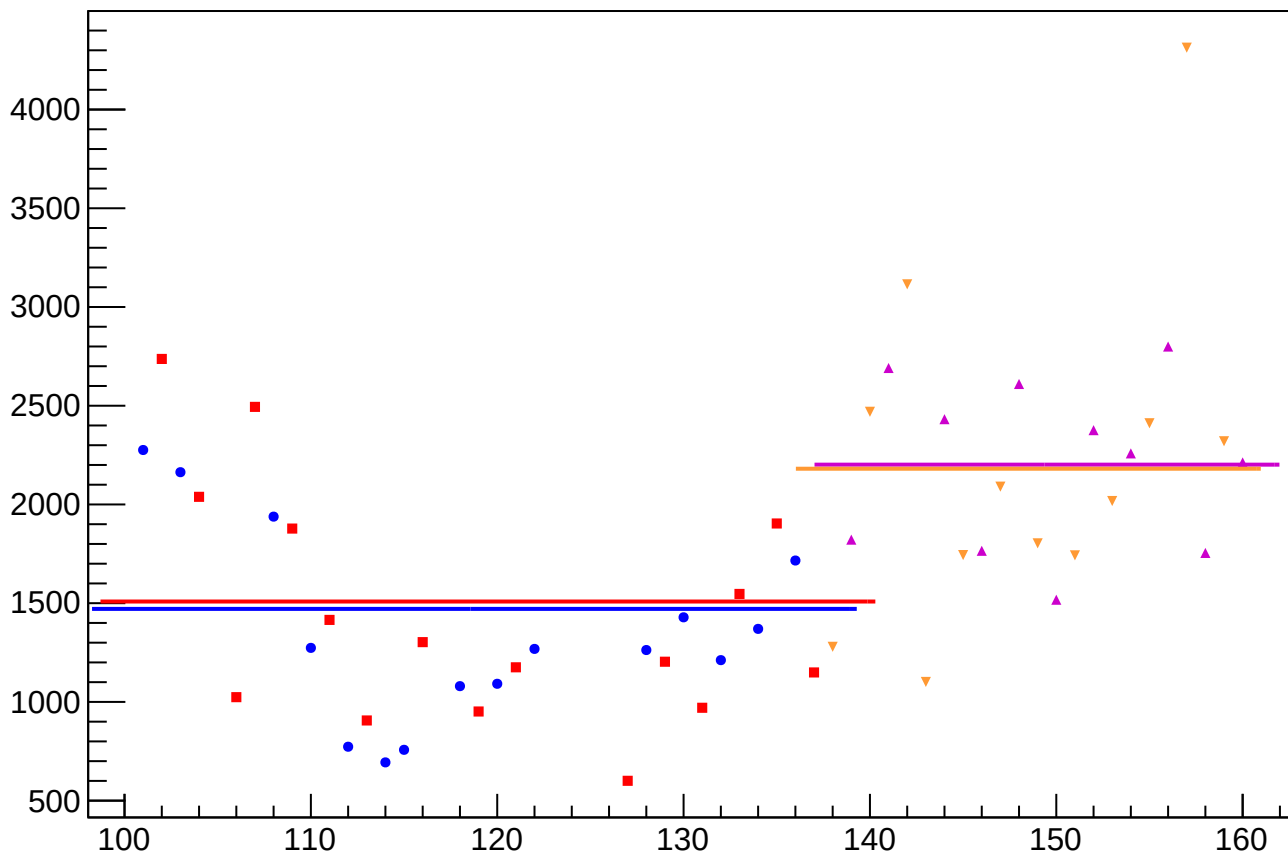
dit_atl2_coil4_mean vs Slug



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

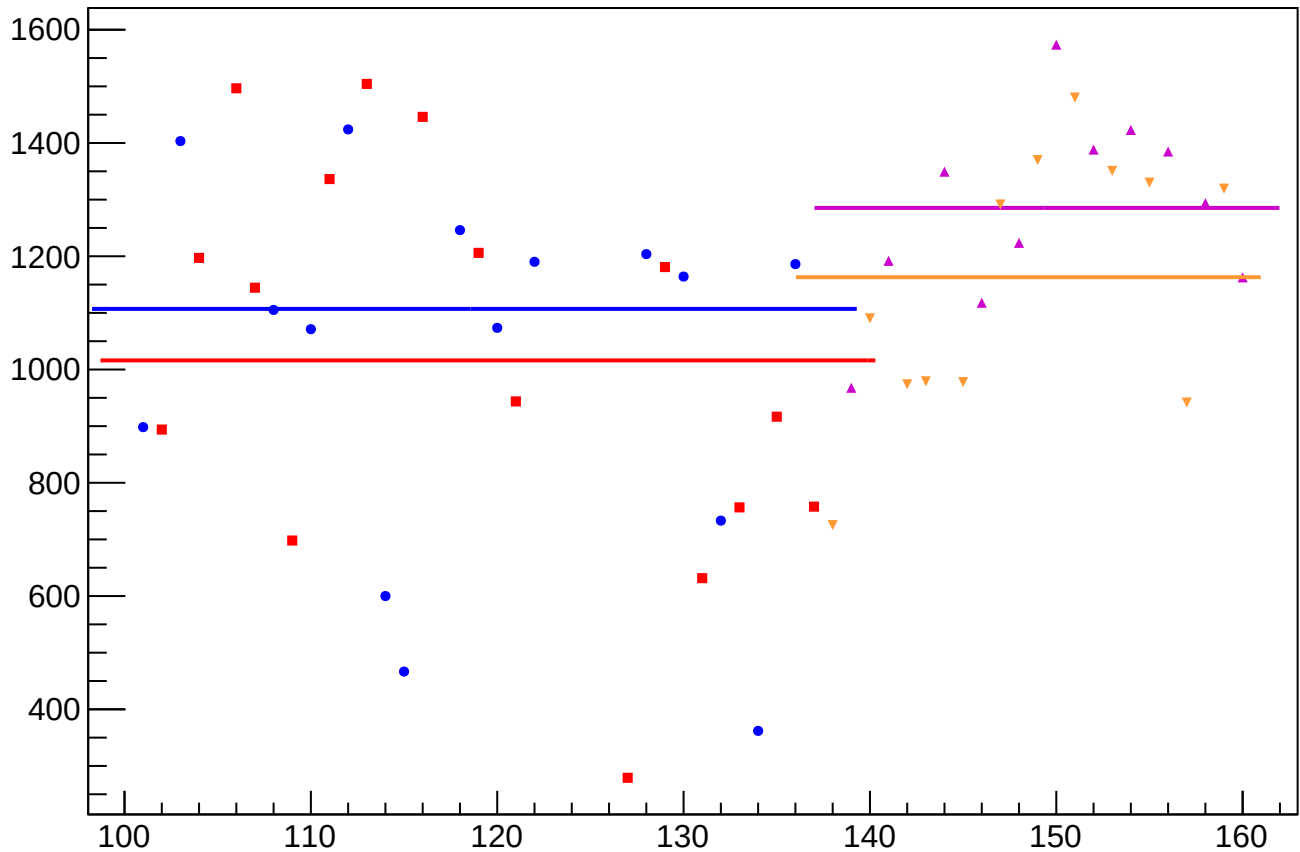
Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

+ sign 1886.776+/-0.000 χ^2/NDF : 92938717057142

All: 1898.980+/-0.000 χ^2/NDF : 15229636648

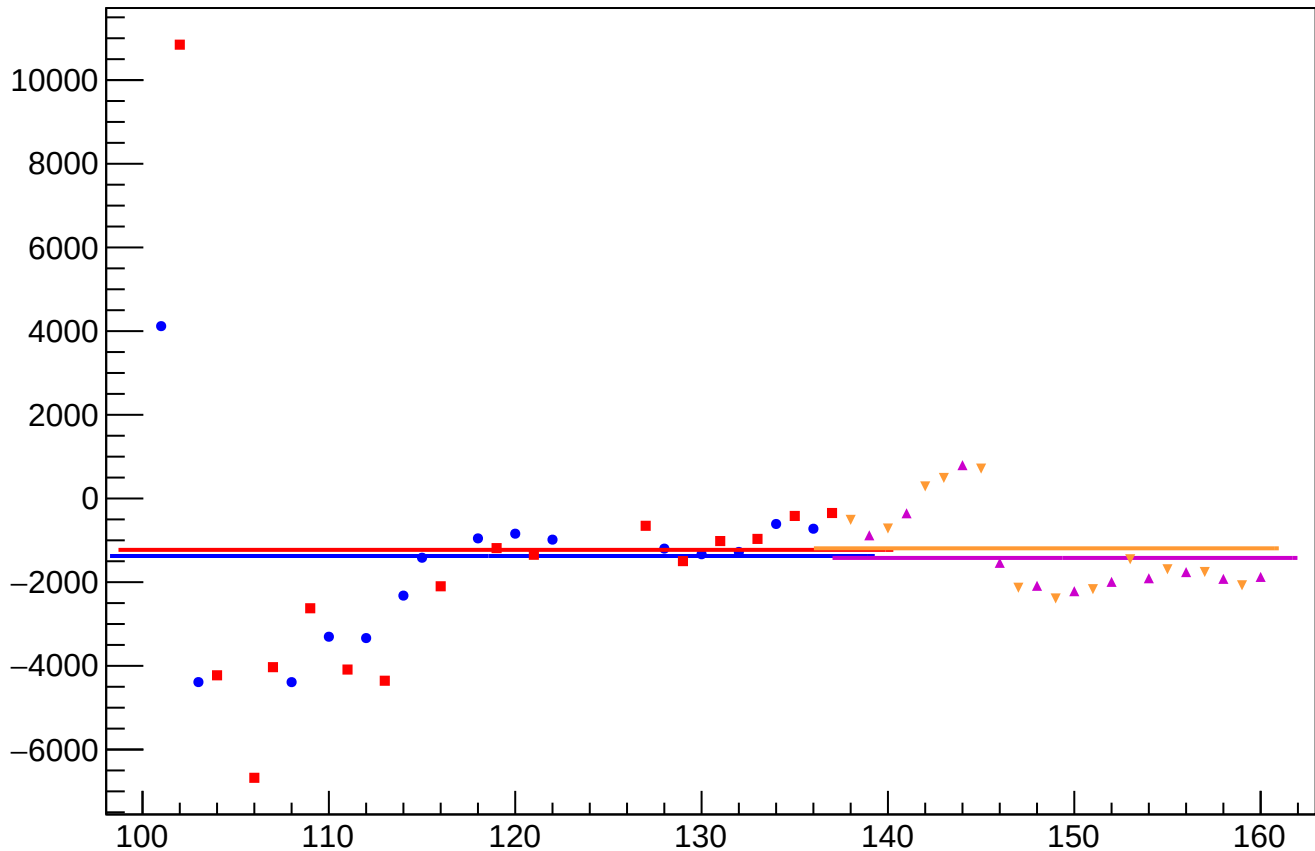
- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

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

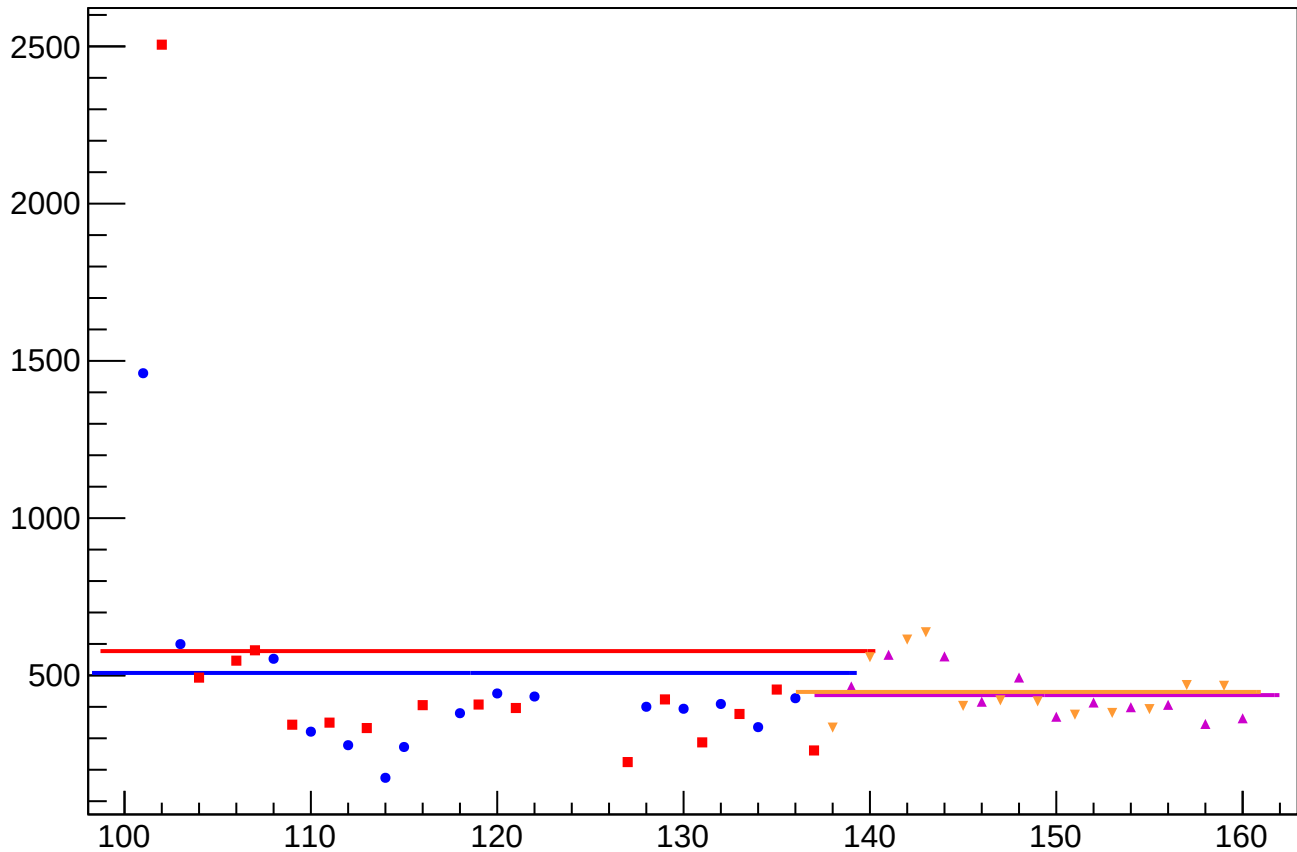
dit_atr1_coil4_mean vs Slug



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

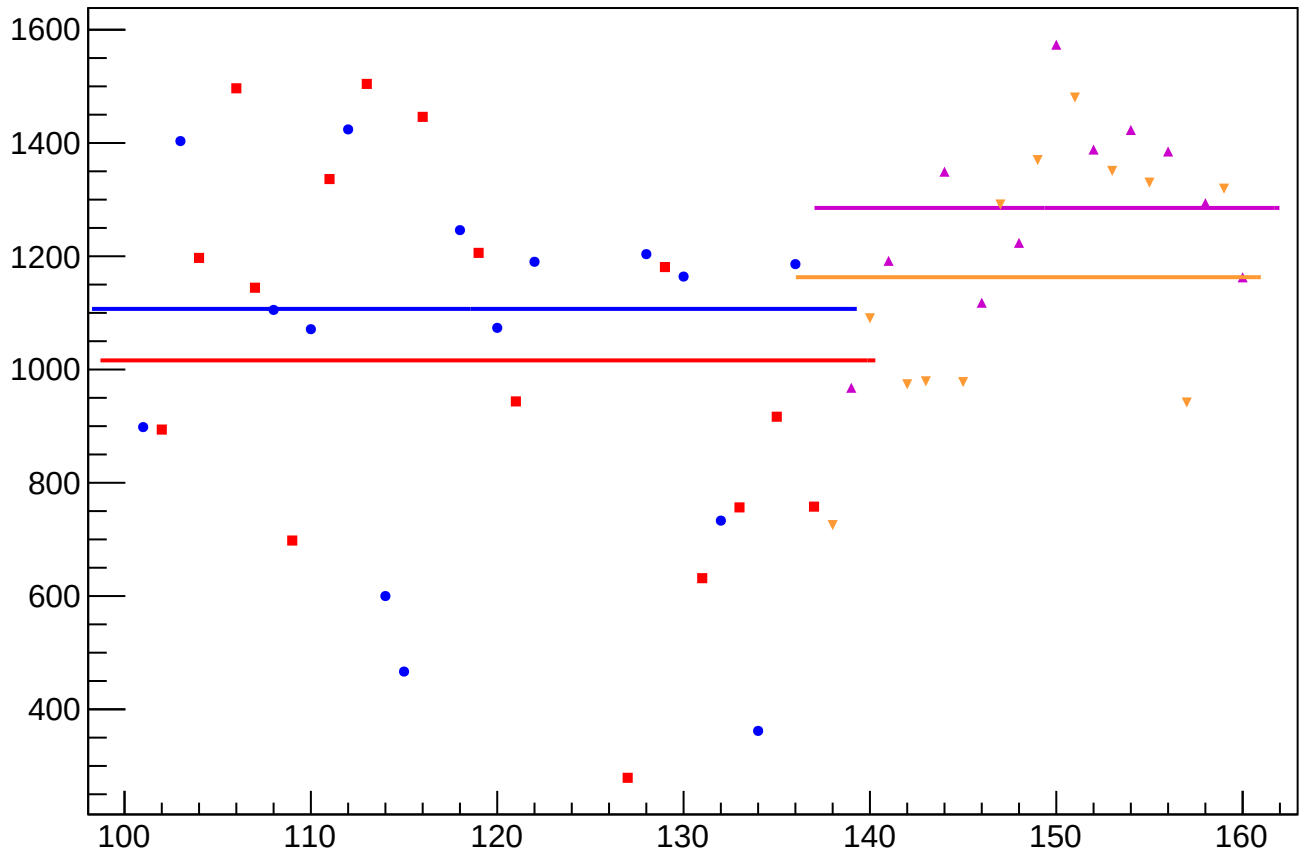
+ sign -1267.093+/-0.000 χ^2/NDF : 4101226272793
 All: -1303.797+/-0.000 χ^2/NDF : 1598313102
 - sign -1339.925+/-0.000 χ^2/NDF : 11877718404583

dit_atr1_coil4_err_mean vs Slug



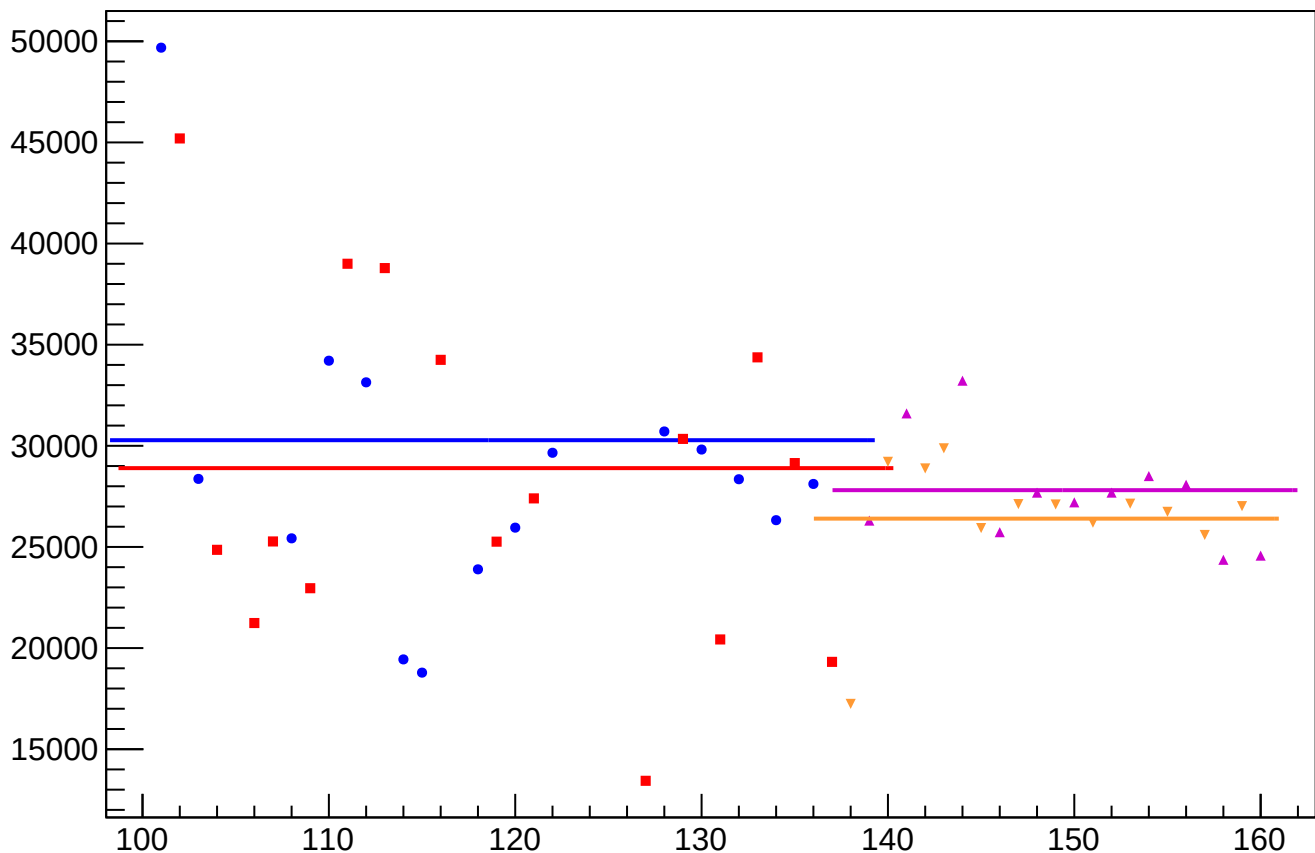
Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14
 Left Out: 447.436+/-0.000 χ^2/NDF : 7069072028969774638688985742751825920.0/11
 Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15
 Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

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

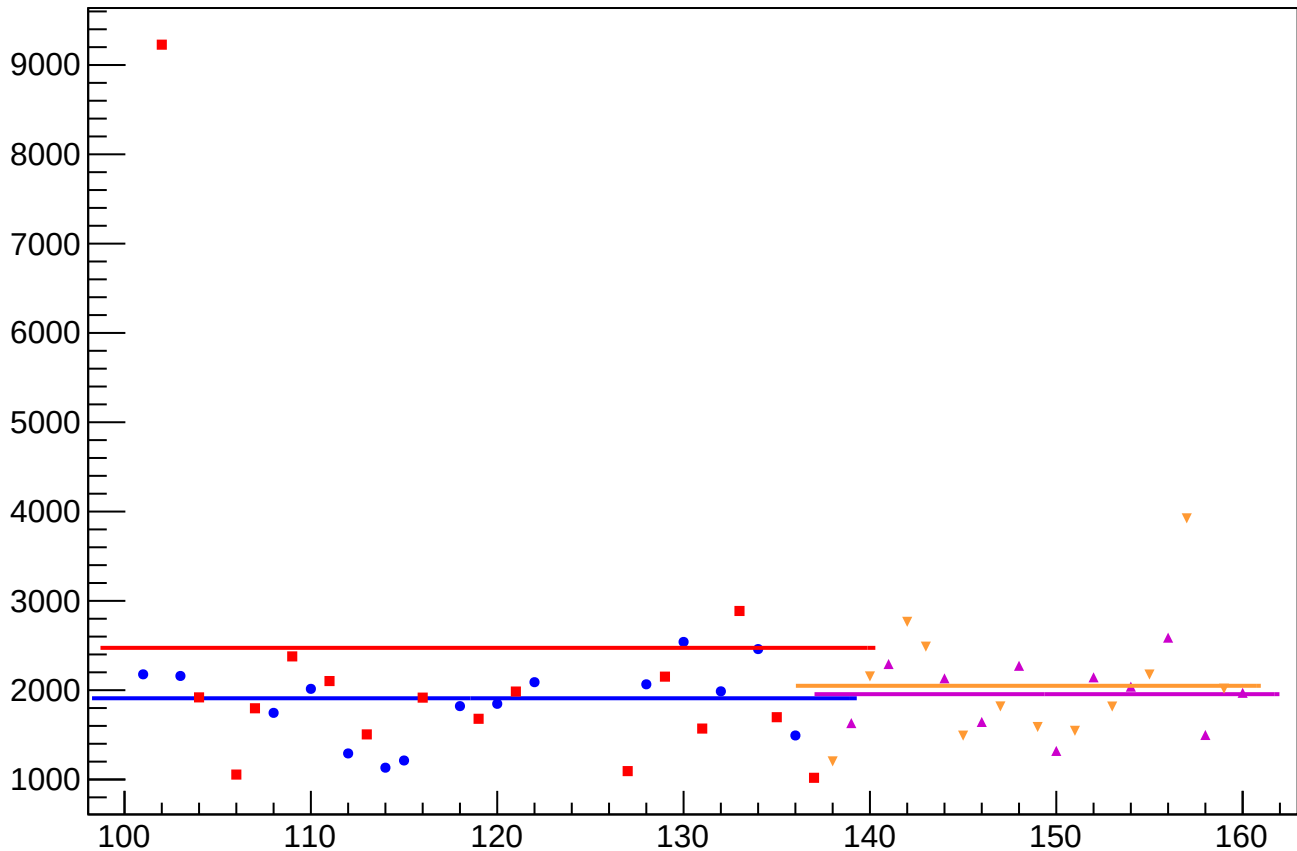
dit_atr2_coil4_mean vs Slug



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

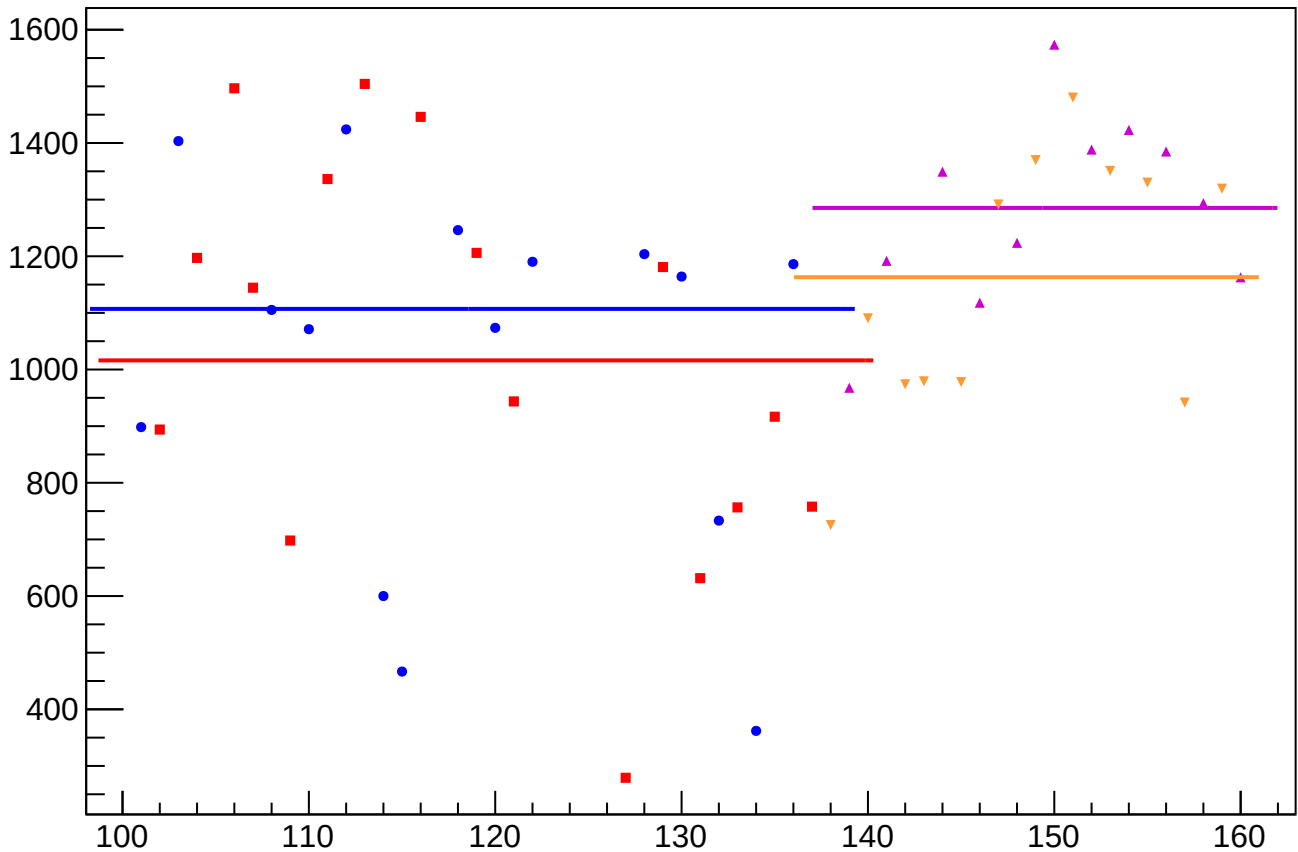
dit_atr2_coil4_err_mean vs Slug



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

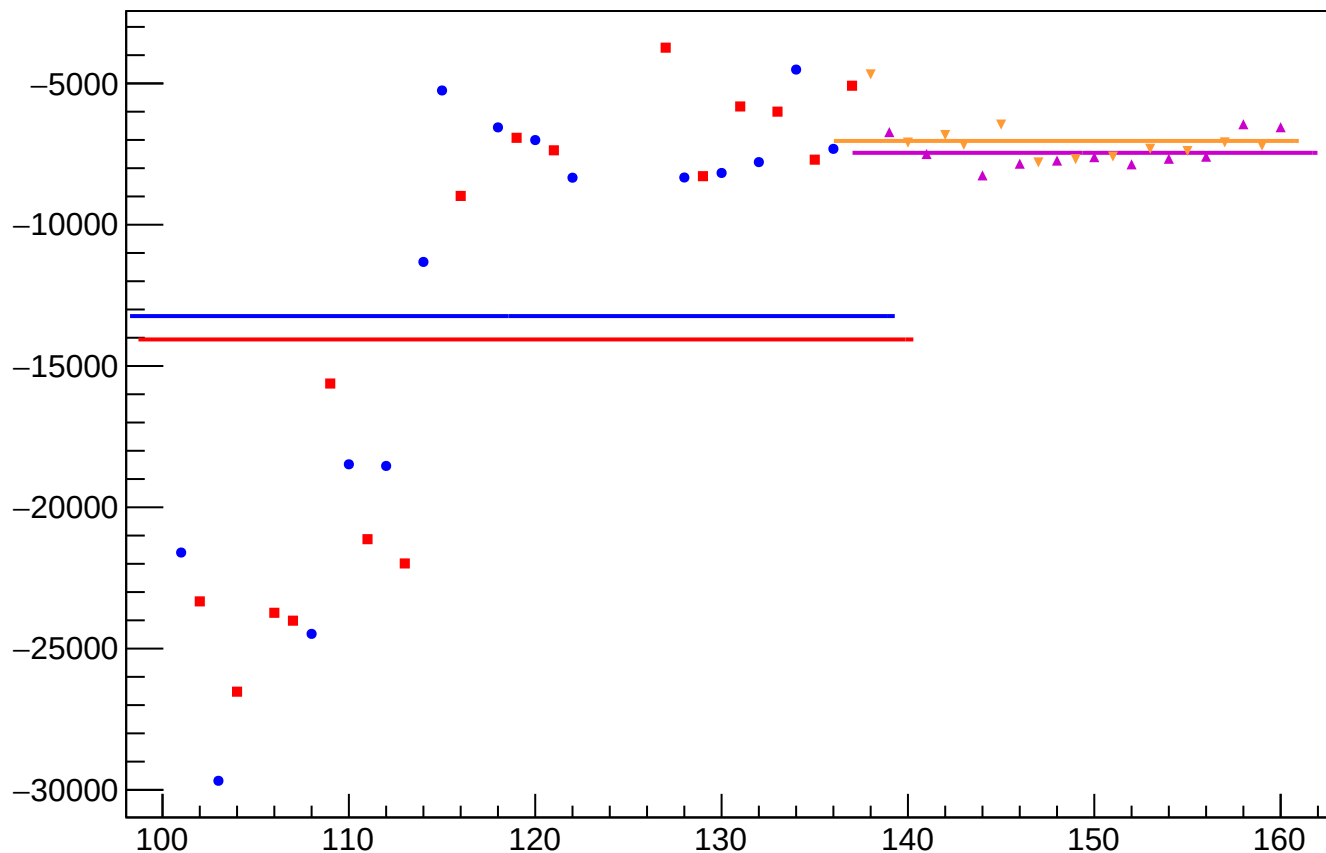
+ sign 1991.196+/-0.000 χ^2/NDF : 53876728825382
 All: 2082.694+/-0.000 χ^2/NDF : 38298070306
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 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_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

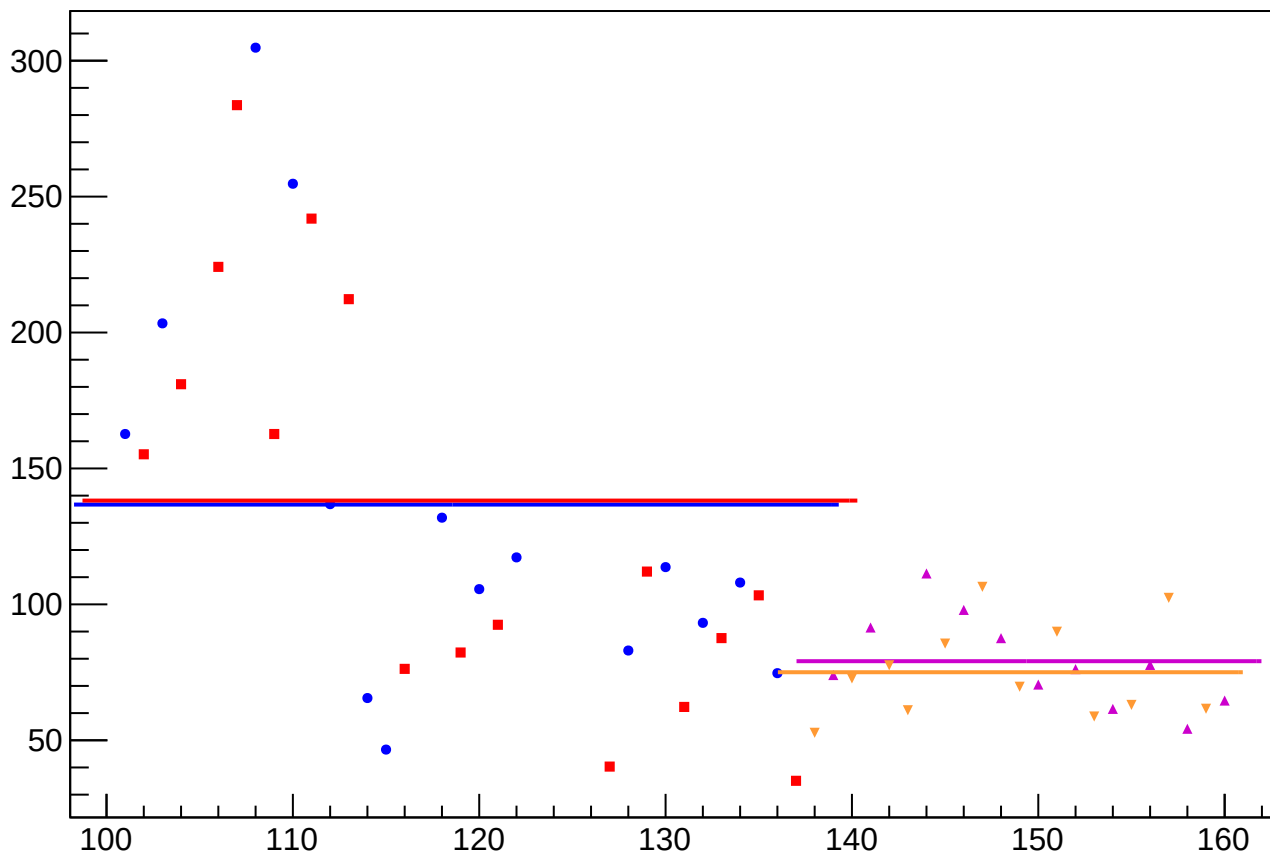
Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

All: -9916.555+/-0.000 χ^2/NDF : 1184206865

- sign -10224.731+/-0.000 χ^2/NDF : 6166940420799

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

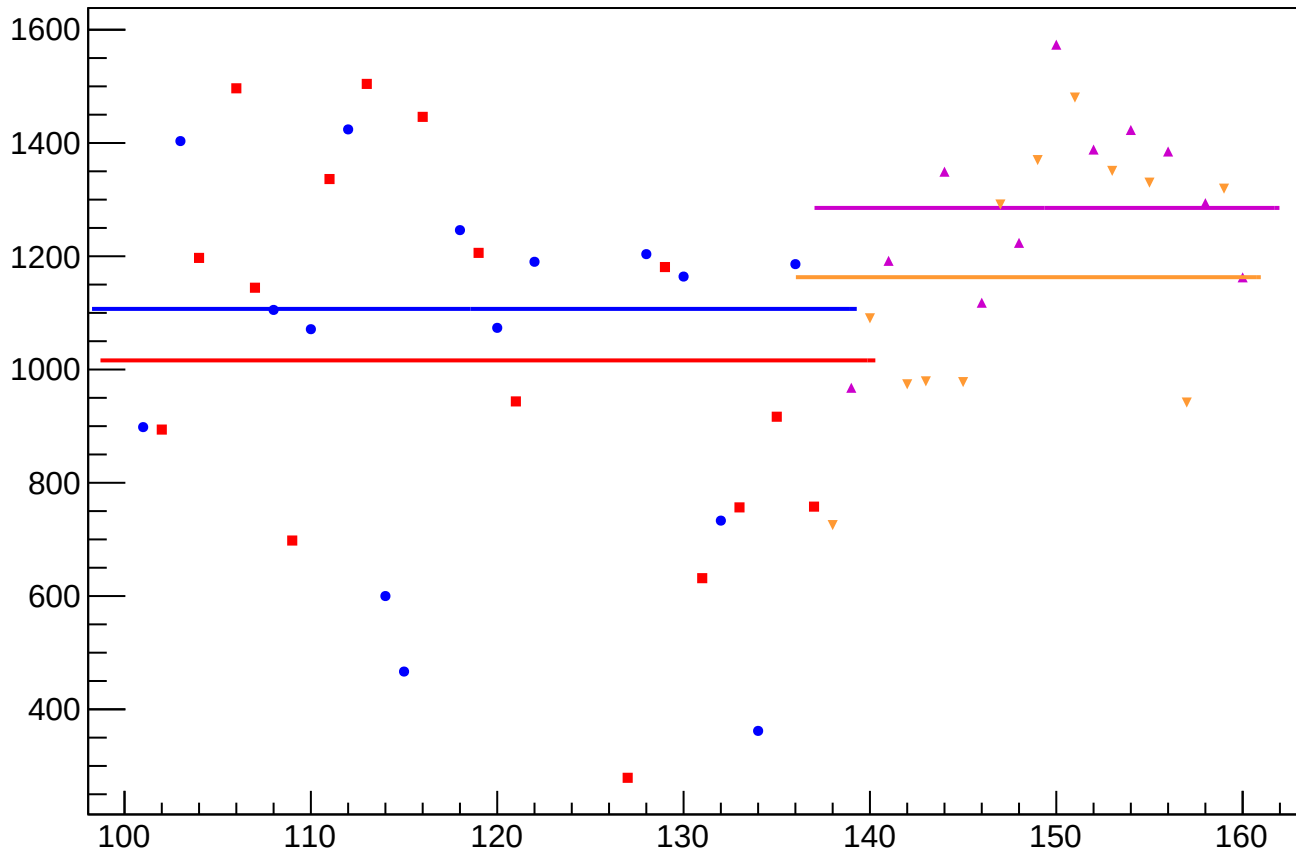
All: 102.243 $\pm$ 0.000 χ^2 /NDF: 923398239612

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

Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

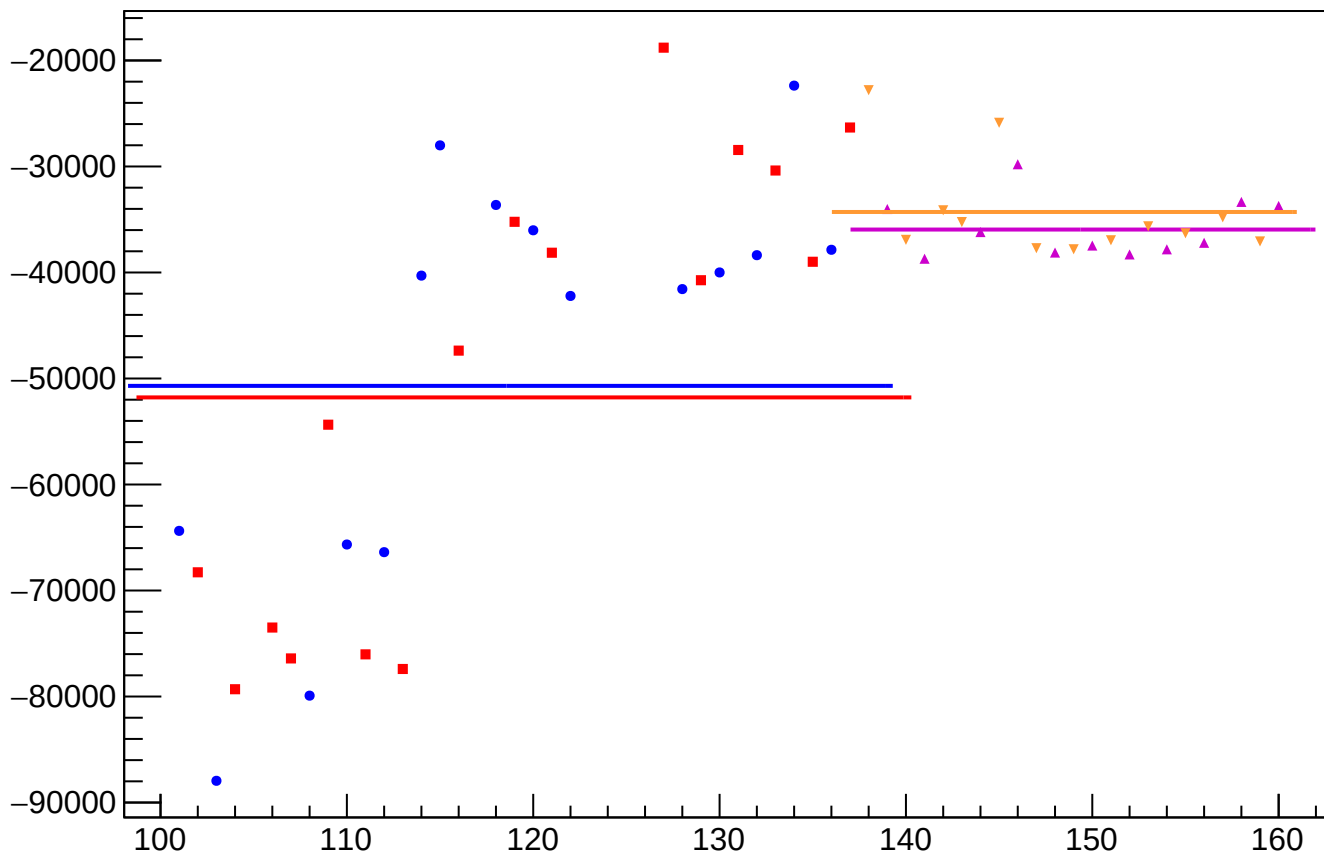
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1139.844+/-0.000 χ^2/NDF : 87570338044863

All: 1156.292+/-0.000 χ^2/NDF : 21306550198

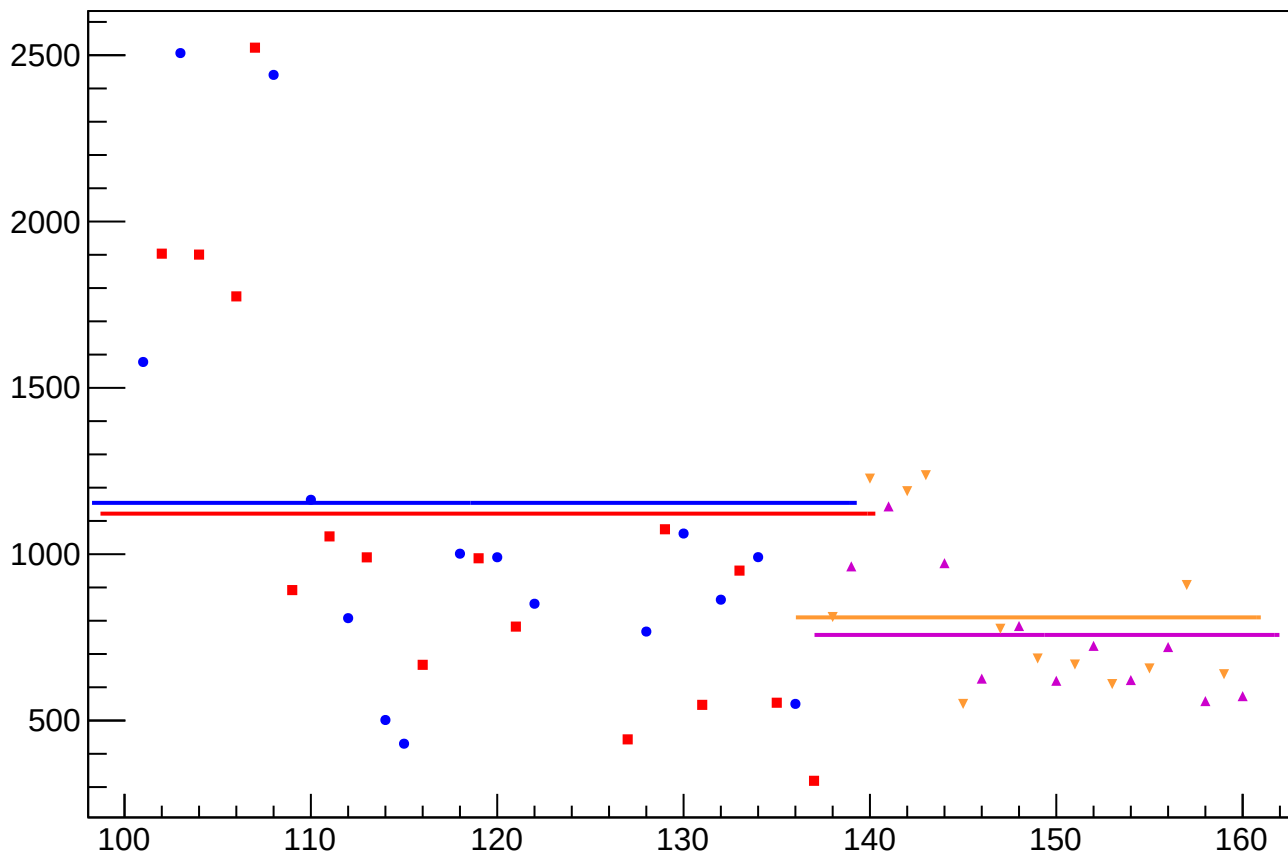
- sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_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

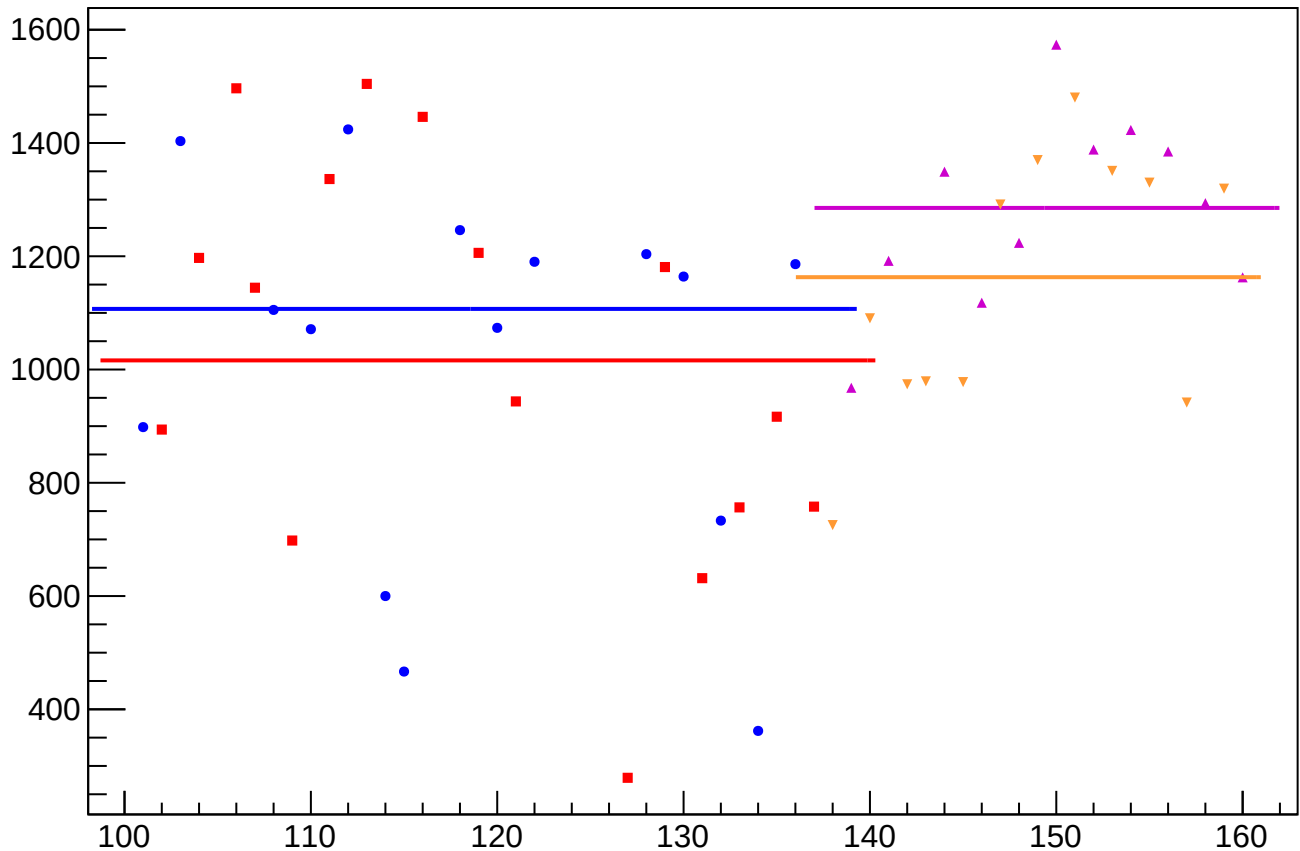
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 952.766+/-0.000 χ^2/NDF : 344202313283542

All: 931.312+/-0.000 χ^2/NDF : 654318684423

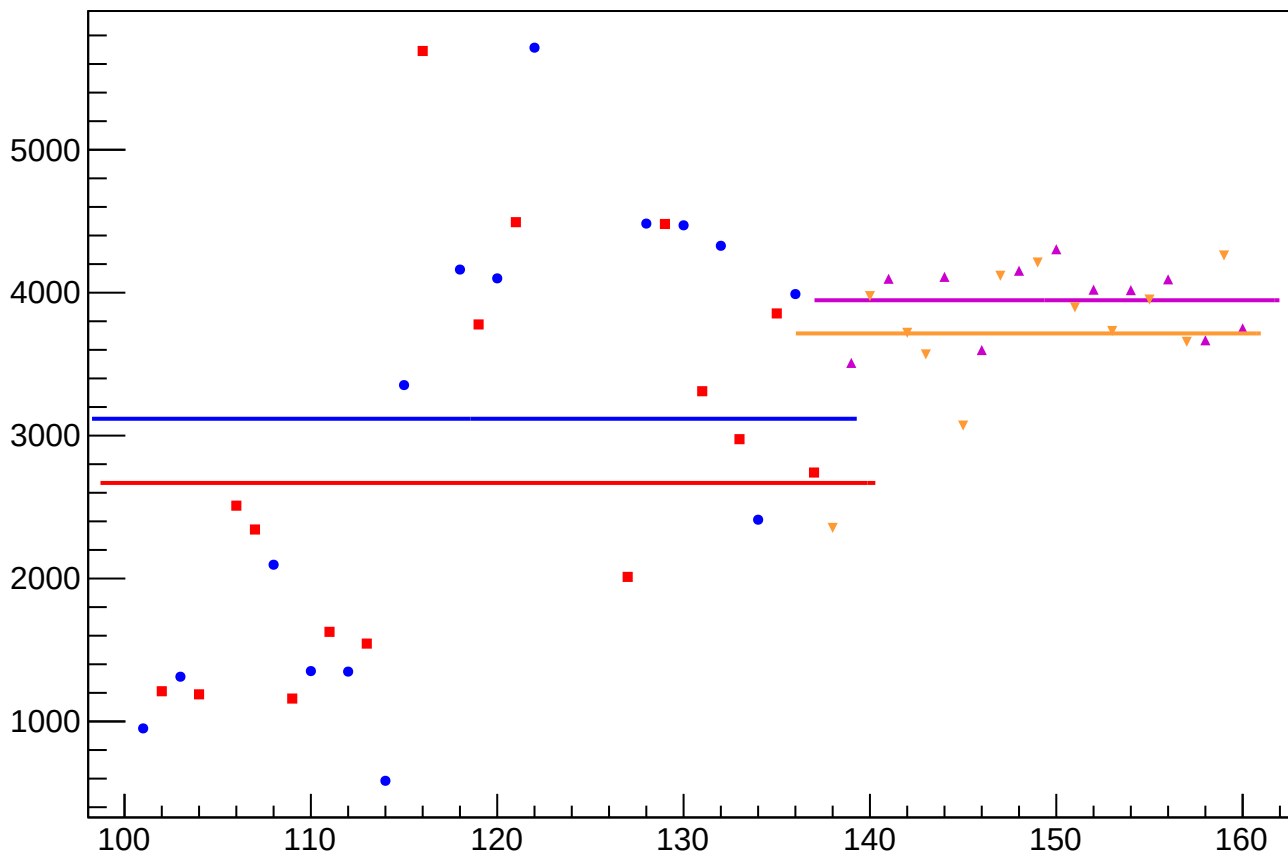
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



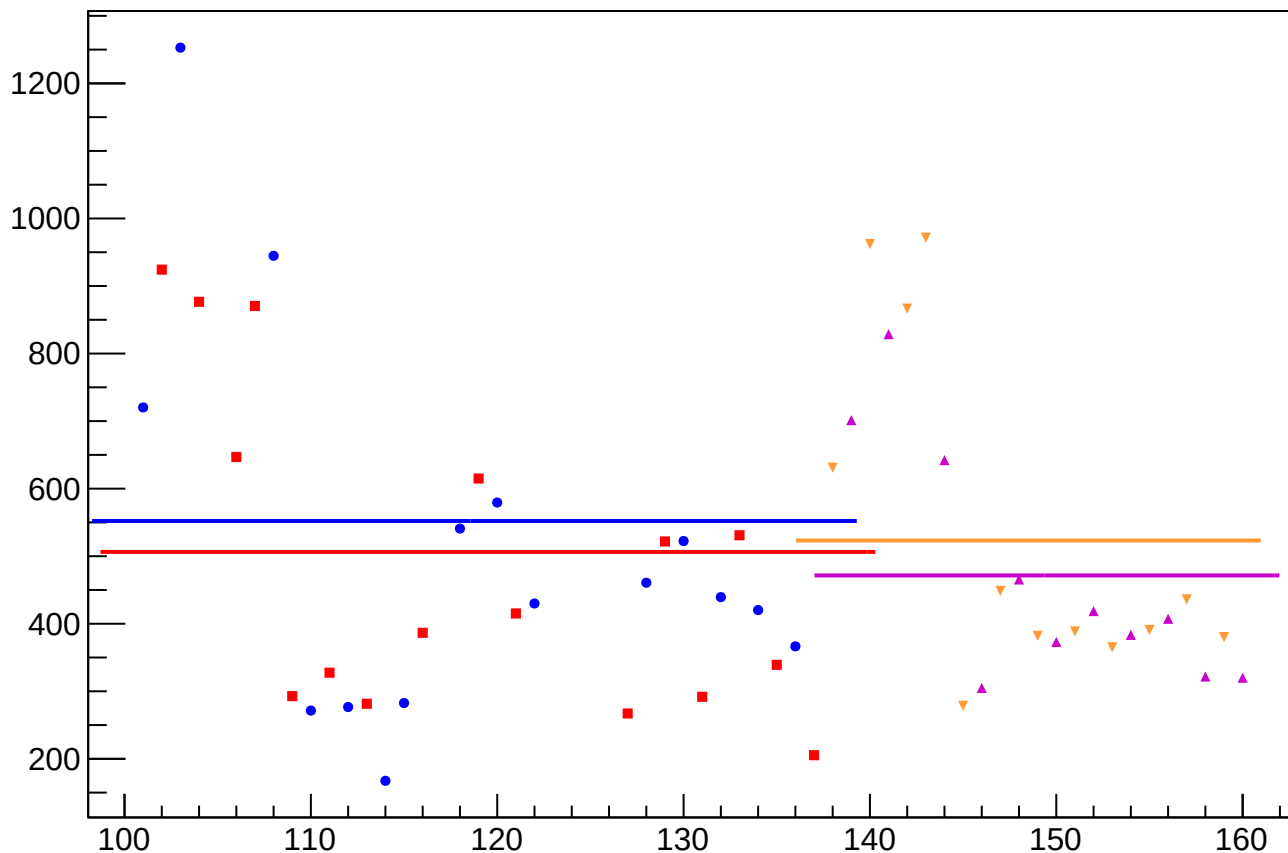
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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
 Left Out: 3714.902+/-0.000 χ^2/NDF : 249652403492940962475363372882127224832.0/11
 Right Out: 2668.794+/-0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: 3947.046+/-0.000 χ^2/NDF : 56963661018859057070812095134472077312.0/10

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

+ sign 535.220+/-0.000 χ^2/NDF : 100758027166631

Left Out: 523.267+/-0.000 χ^2/NDF : 49702866244992097410386834059494948864.0/11

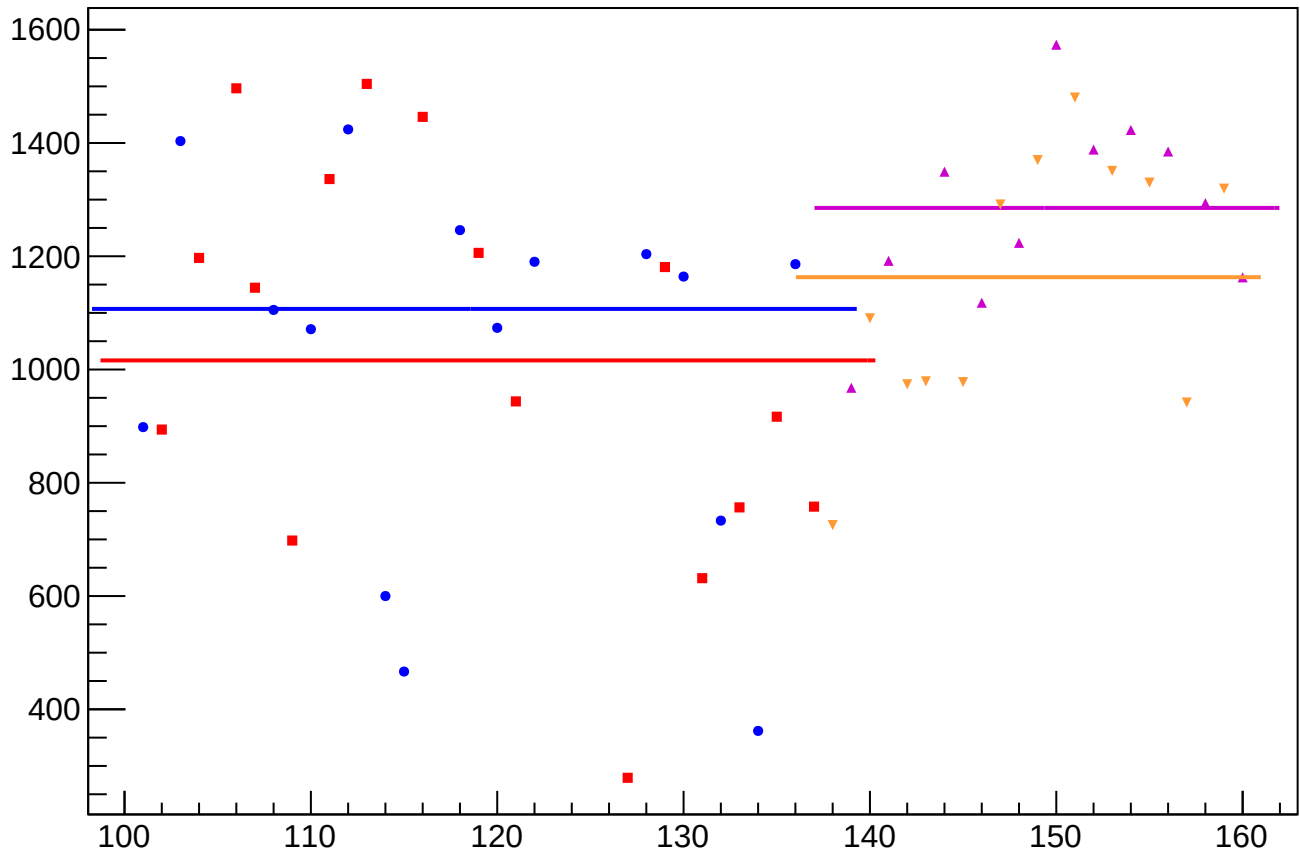
All: 510.481+/-0.000 χ^2/NDF : 165991542524

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

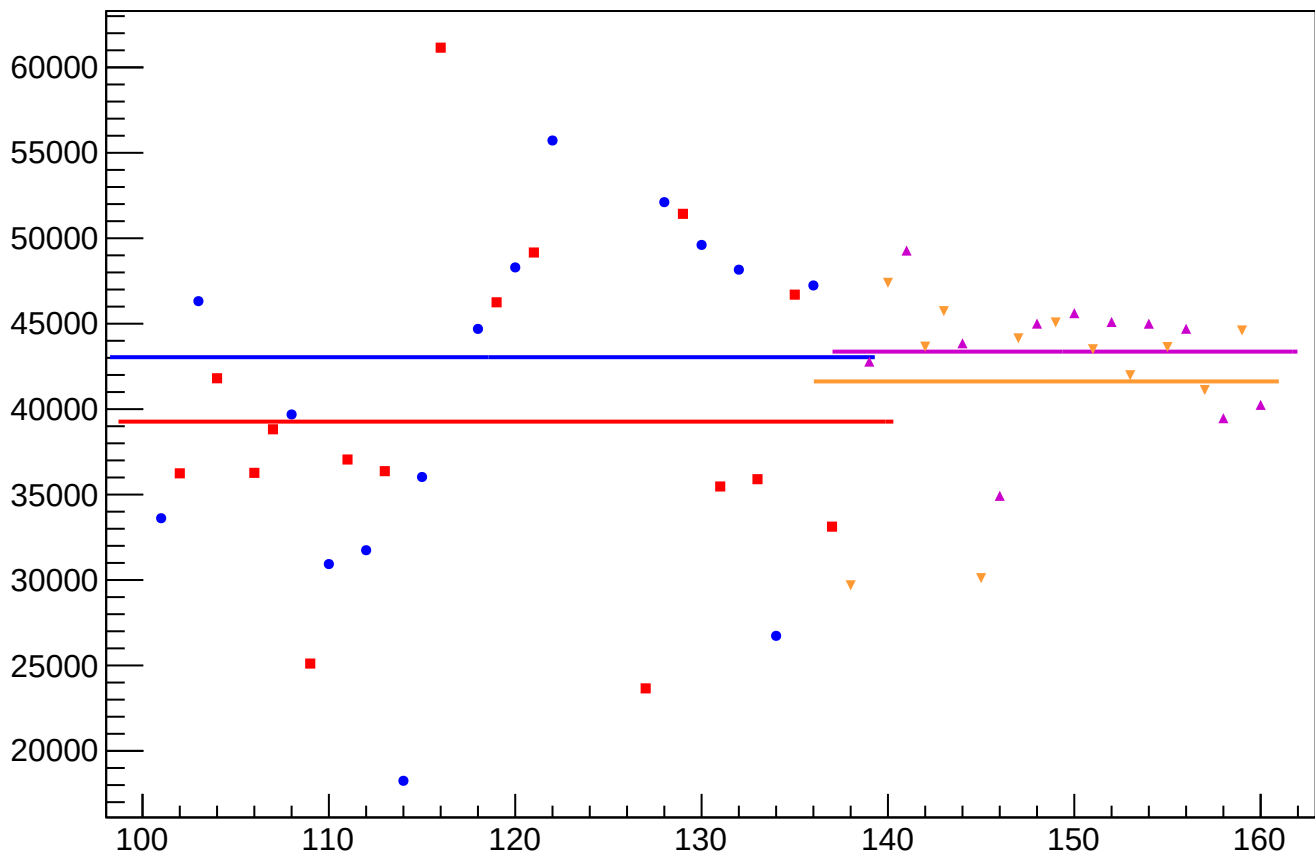
Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

dit_sam3_coil4_Ndata_mean vs Slug



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

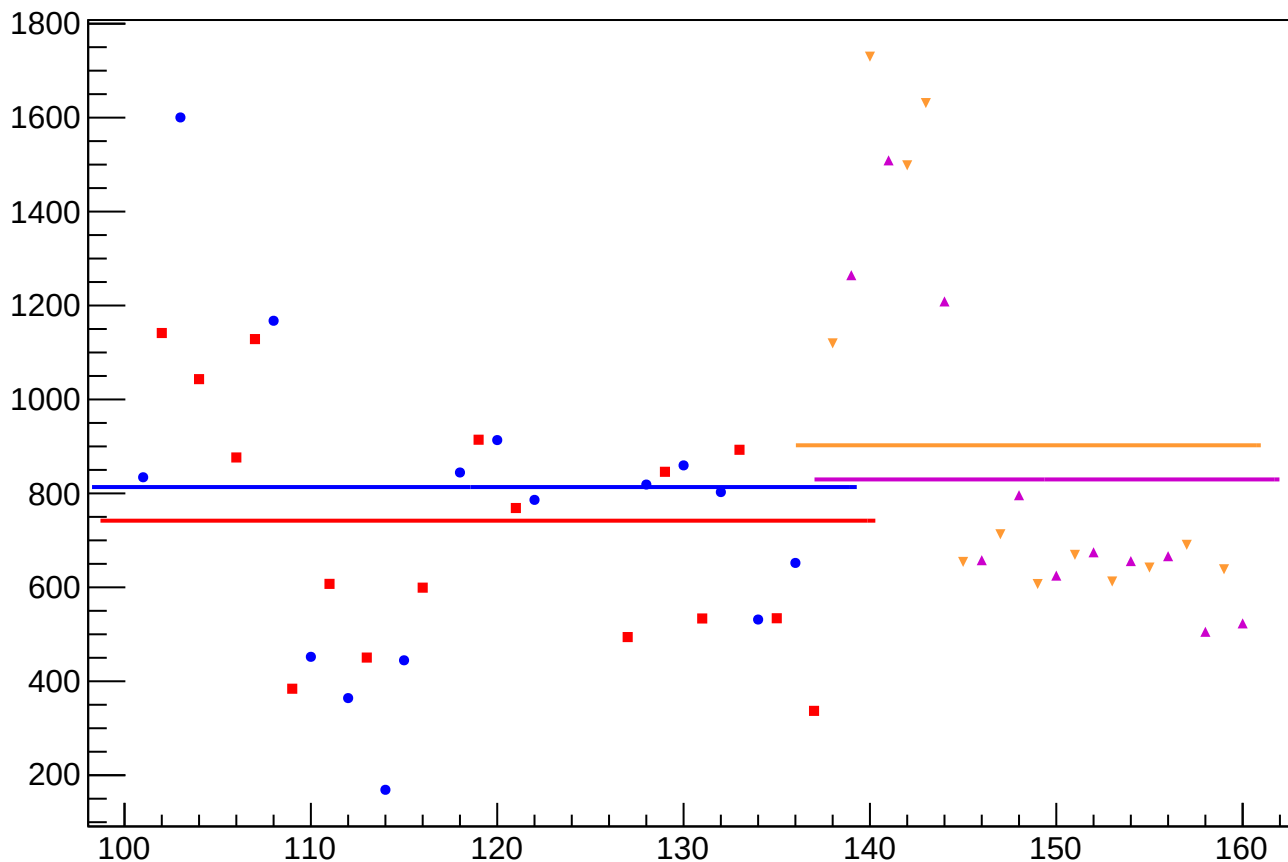
dit_sam4_coil4_mean vs Slug



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

+ sign 865.569 $\pm$ 0.000 χ^2 /NDF: 222844128220423

Left Out: 902.421 $\pm$ 0.000 χ^2 /NDF: 152718326074036425760692281422815166464.0/11

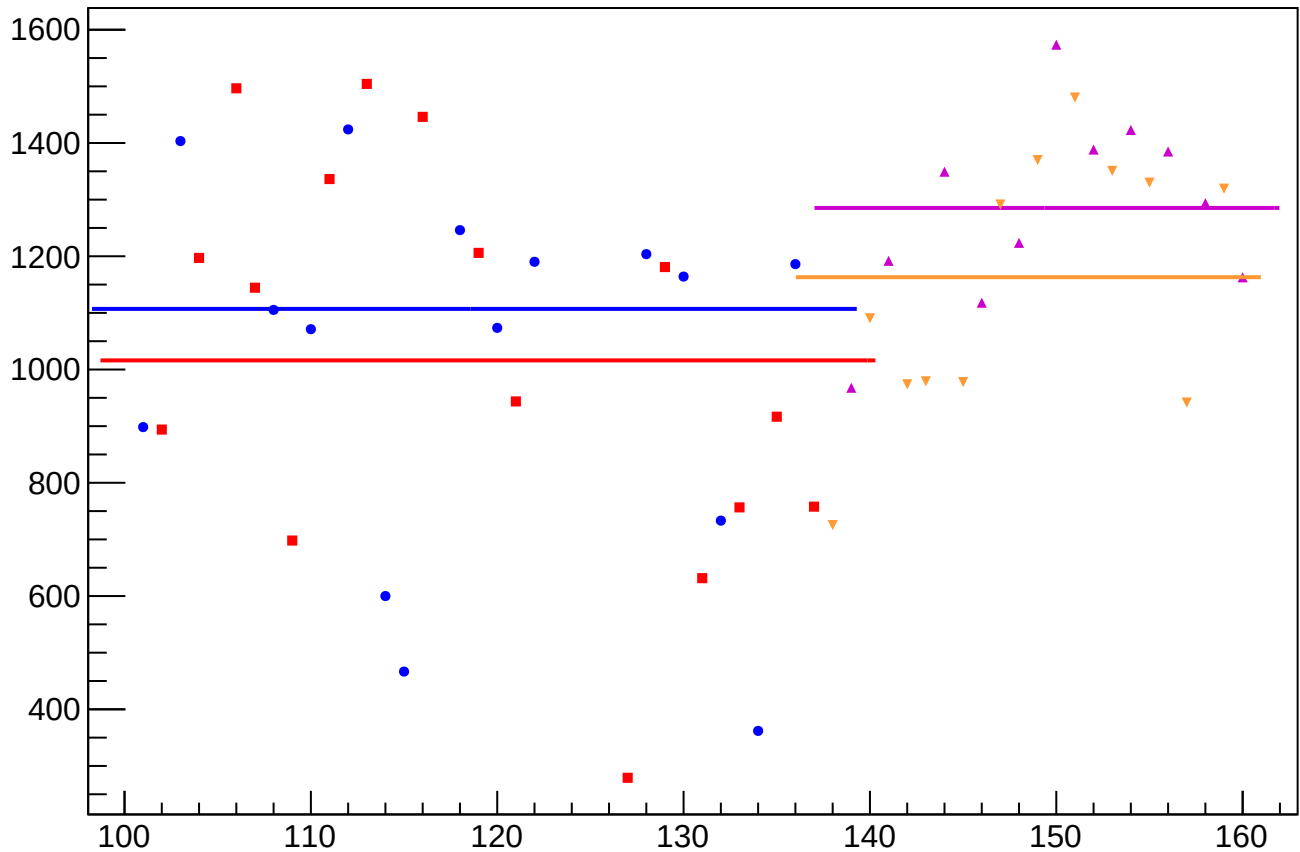
All: 828.949 $\pm$ 0.000 χ^2 /NDF: 37014966283

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

- sign 792.905 $\pm$ 0.000 χ^2 /NDF: 143138450835251

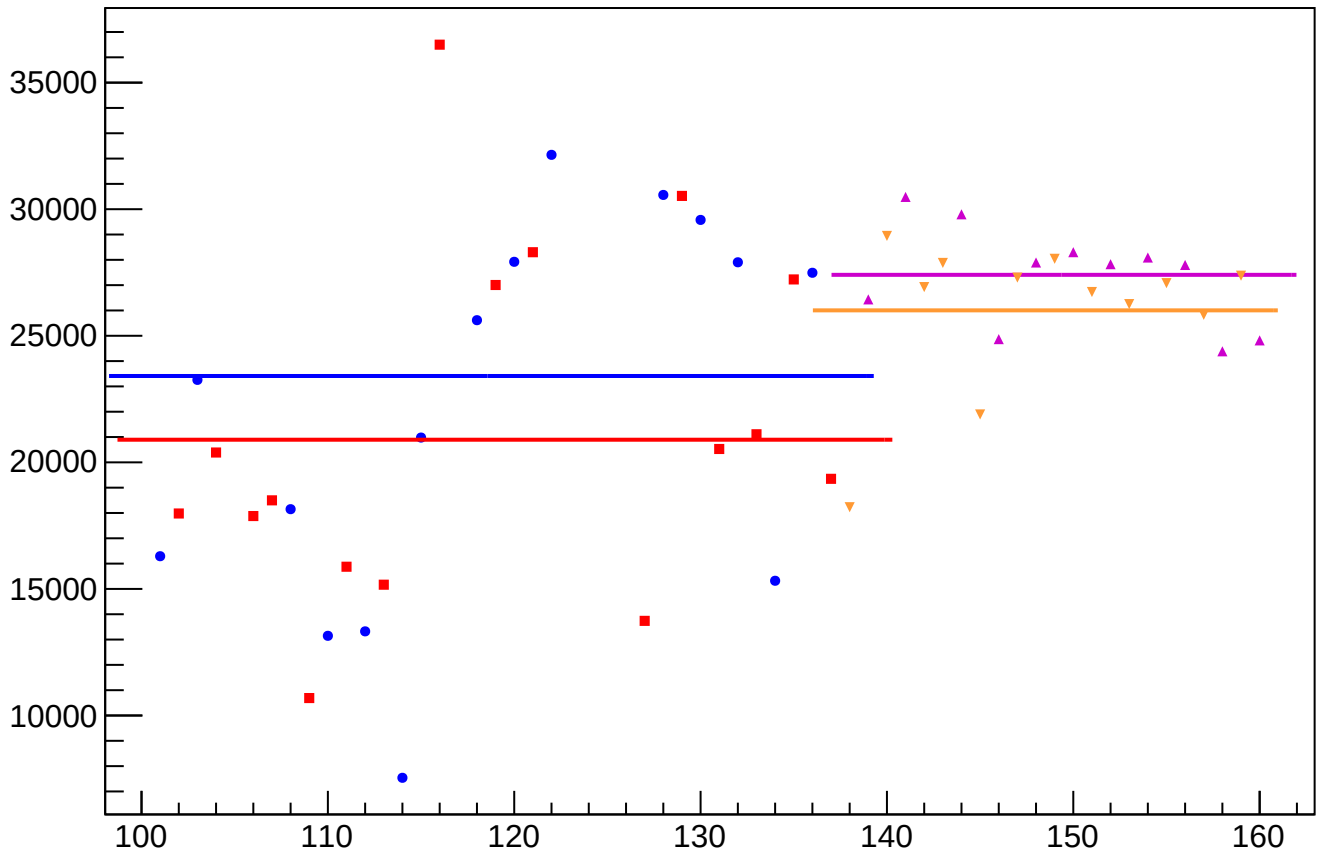
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ 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		

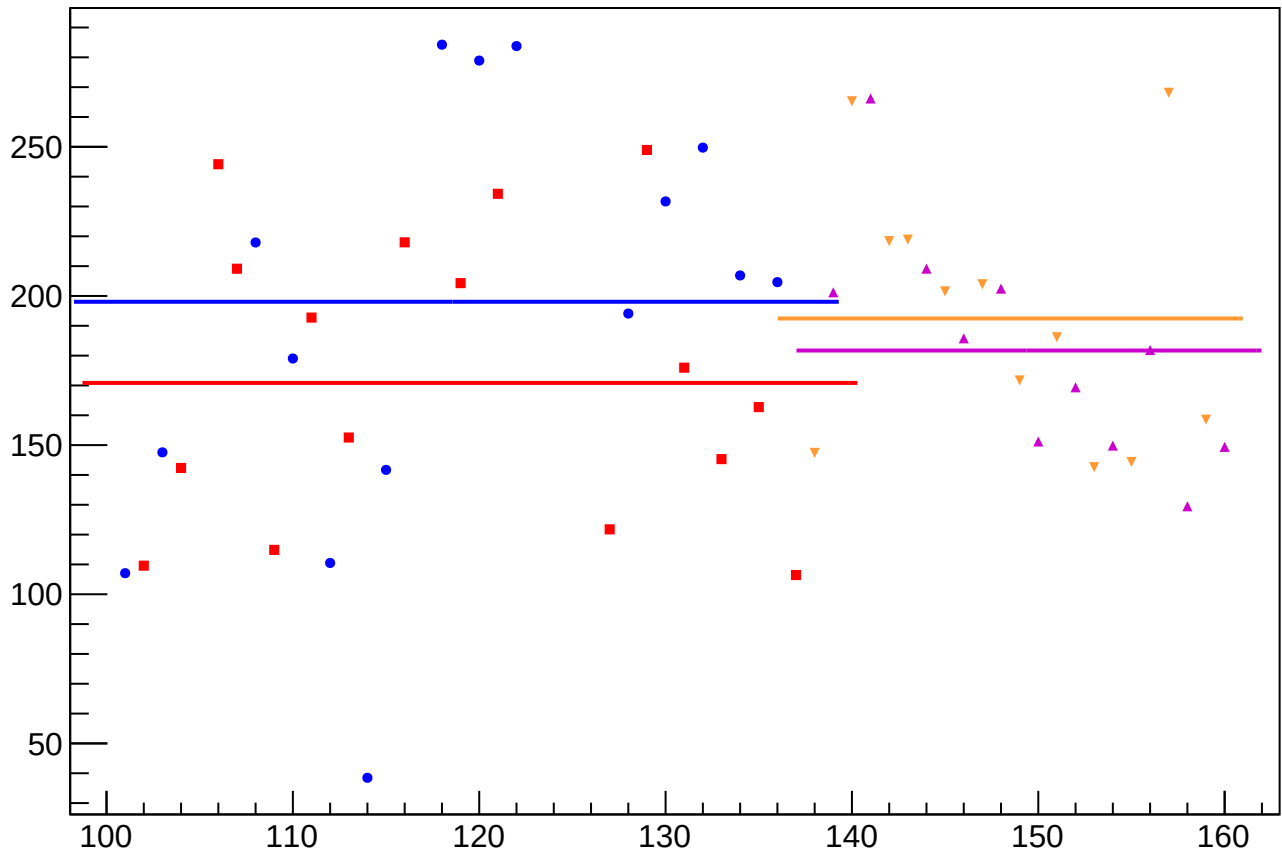
dit_sam5_coil4_mean vs Slug



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

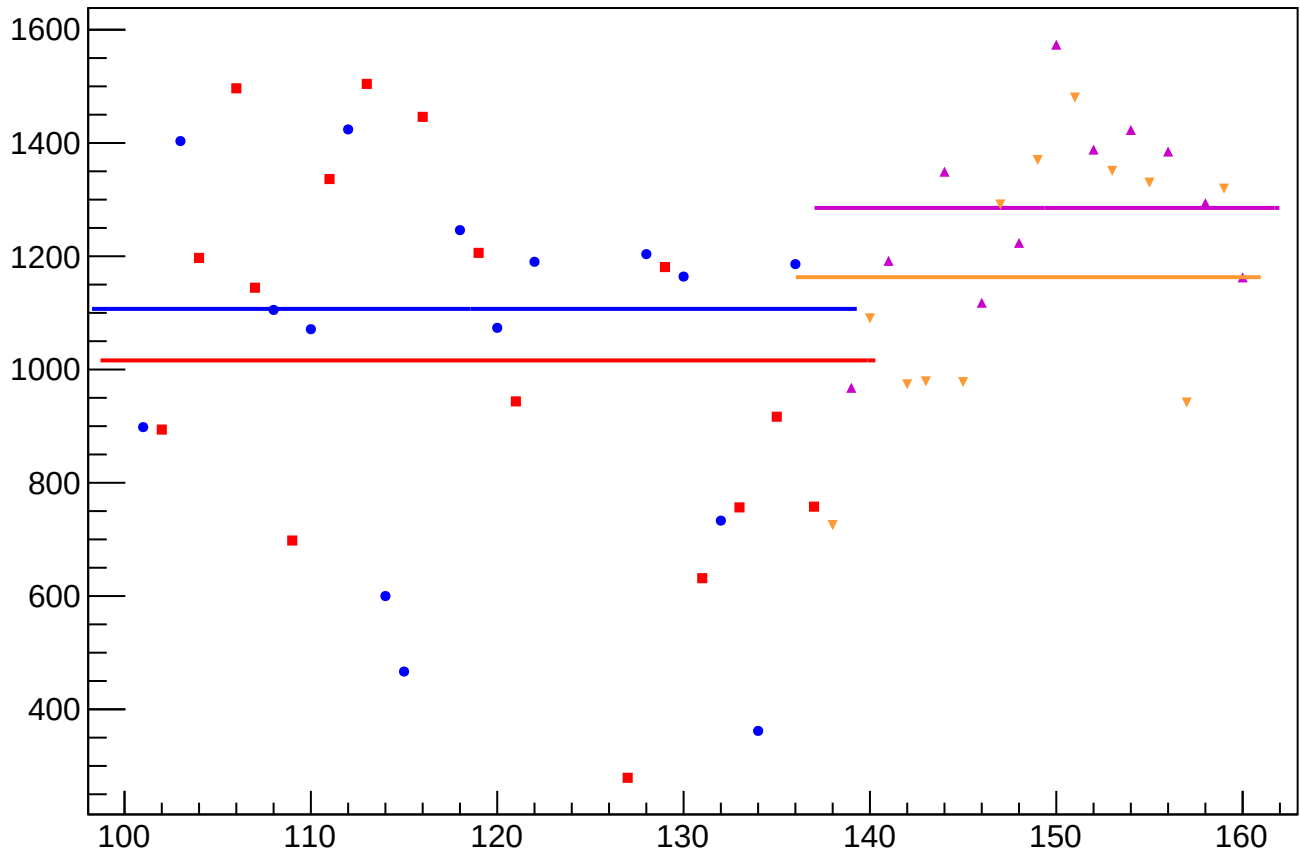
+ sign 24929.637+/-0.000 χ^2/NDF : 3882146204538
 All: 24802.184+/-0.000 χ^2/NDF : 8603621147
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

dit_sam5_coil4_err_mean vs Slug



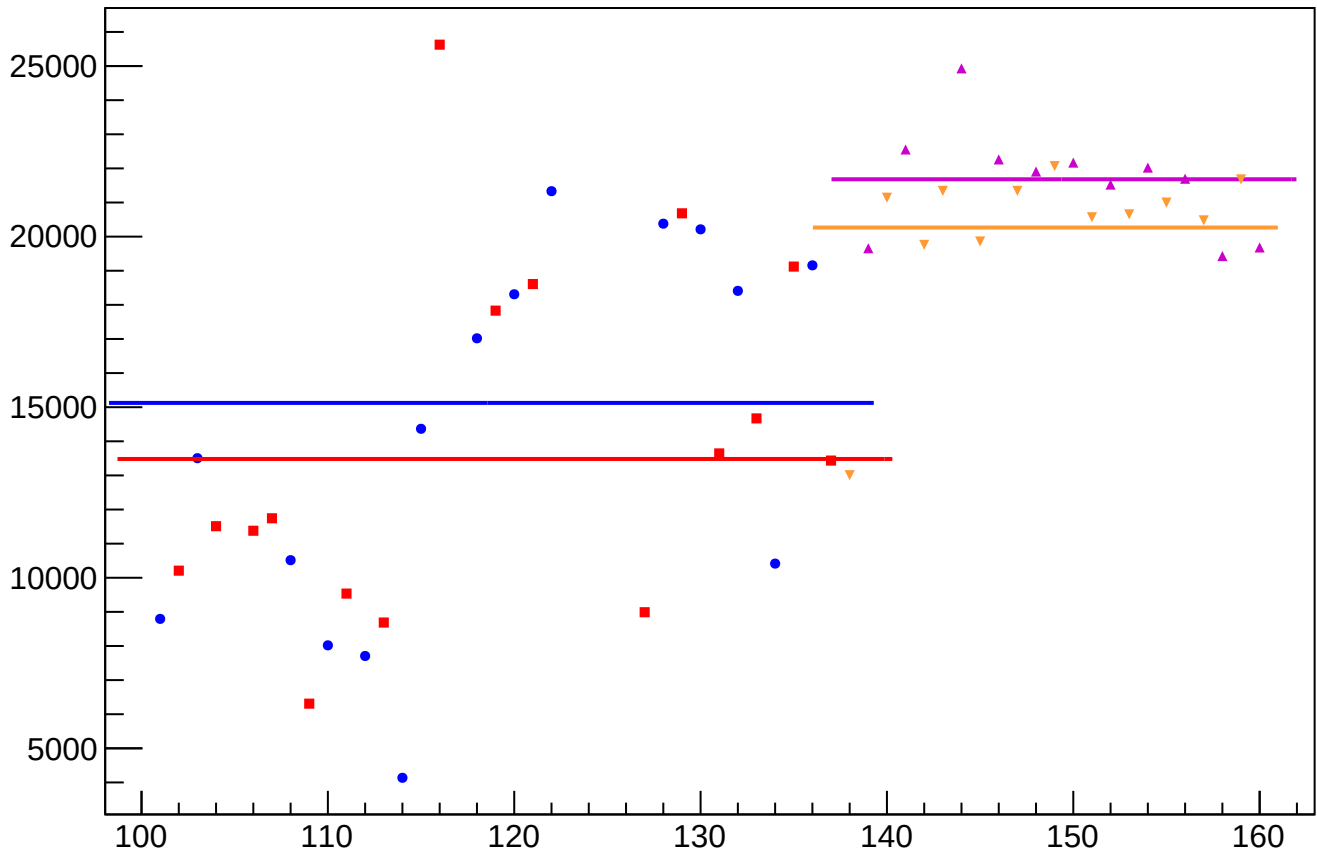
Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14
 Left Out: 192.452+/-0.000 χ^2/NDF : 1667687947841400069416399021327515648.0/11
 Right Out: 170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15
 Left In: 181.711+/-0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

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
 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

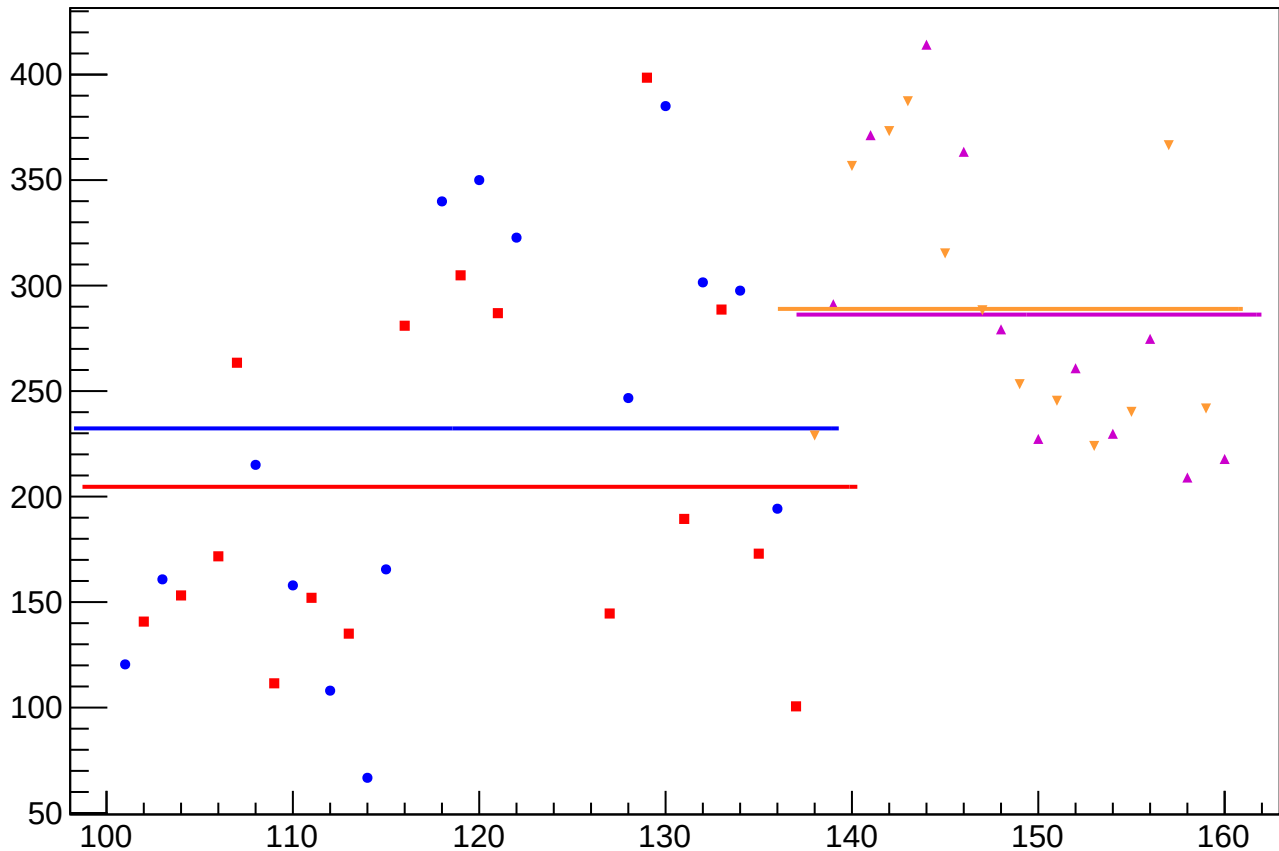
dit_sam6_coil4_mean vs Slug



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

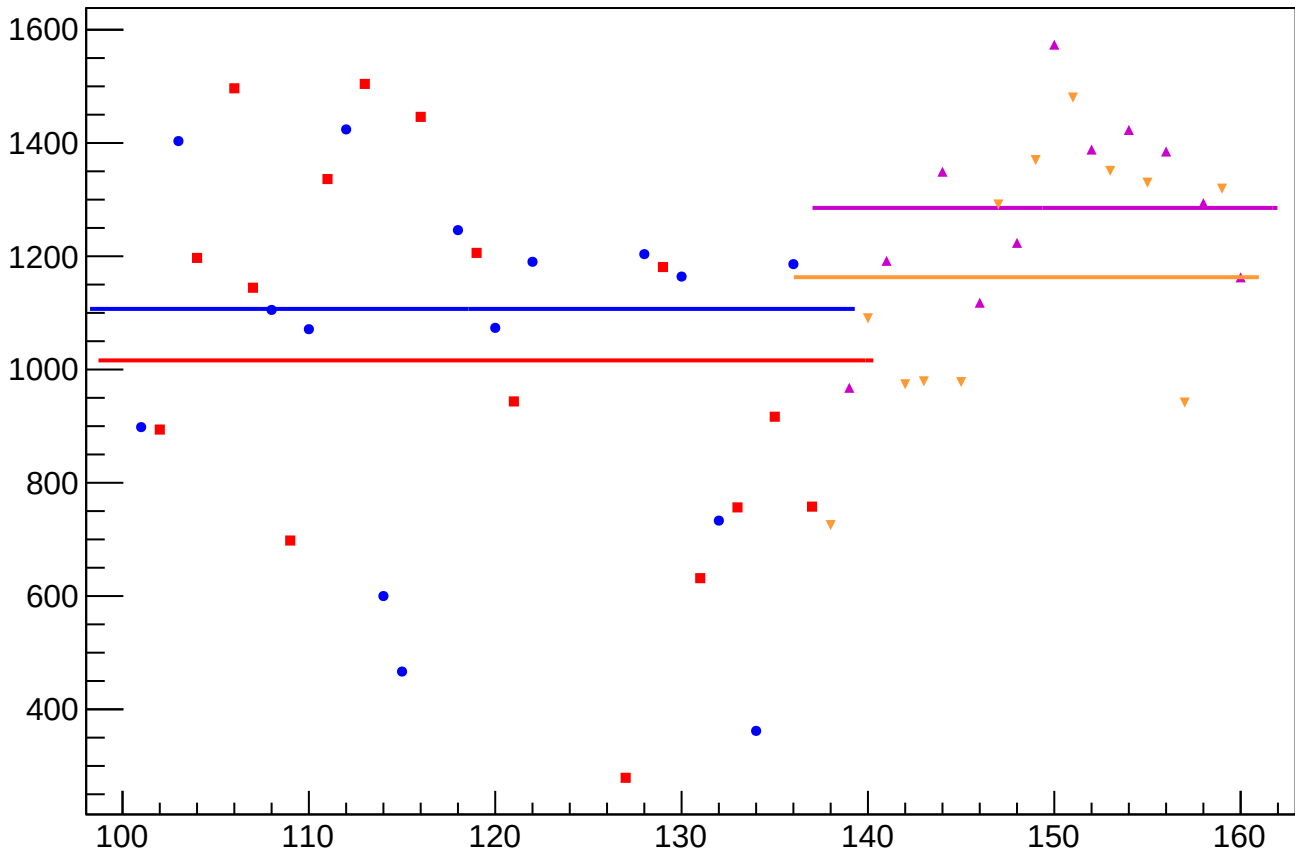
dit_sam6_coil4_err_mean vs Slug



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

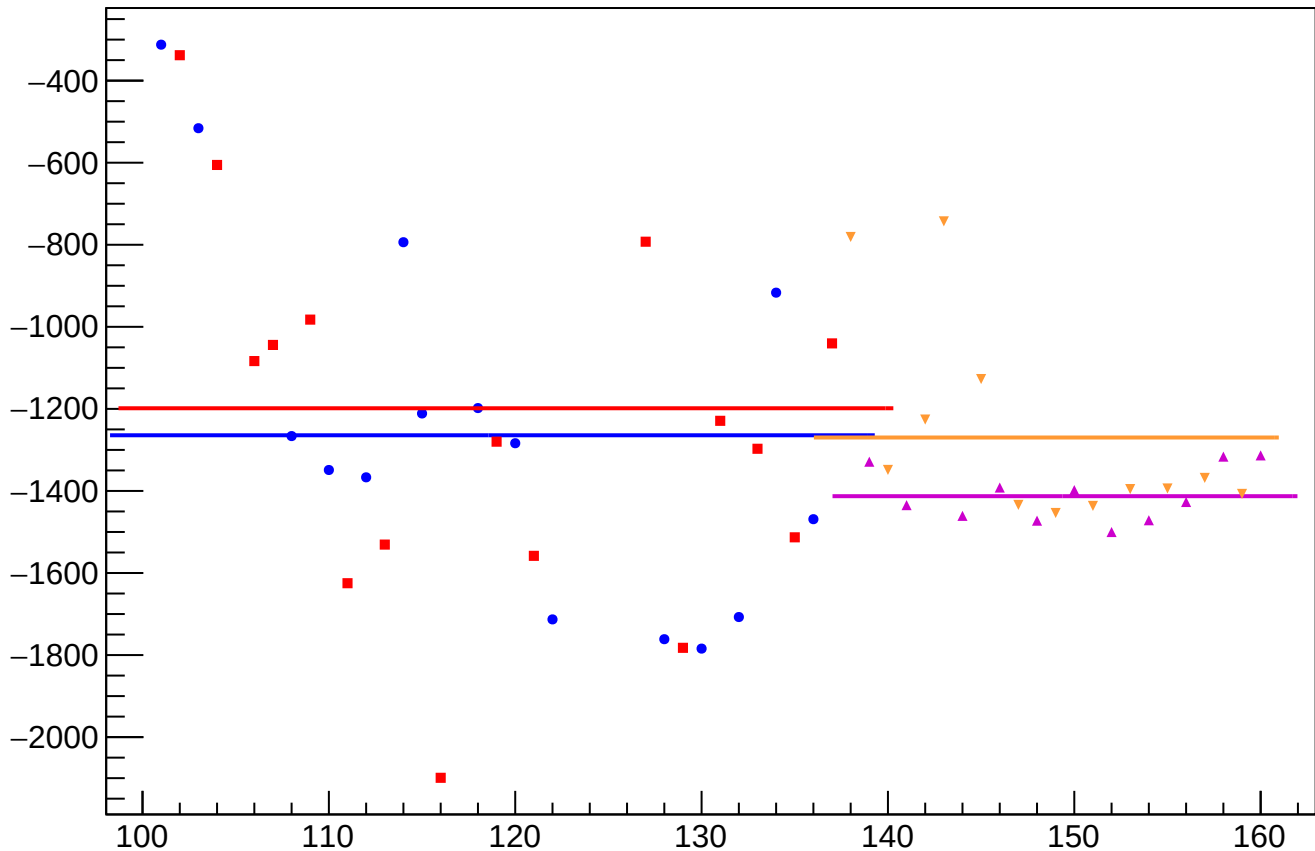
+ sign 265.477+/-0.000 χ^2/NDF : 984130462925206
 All: 258.702+/-0.000 χ^2/NDF : 21186037696
 - sign 252.033+/-0.000 χ^2/NDF : 112020972383493

dit_sam6_coil4_Ndata_mean vs Slug



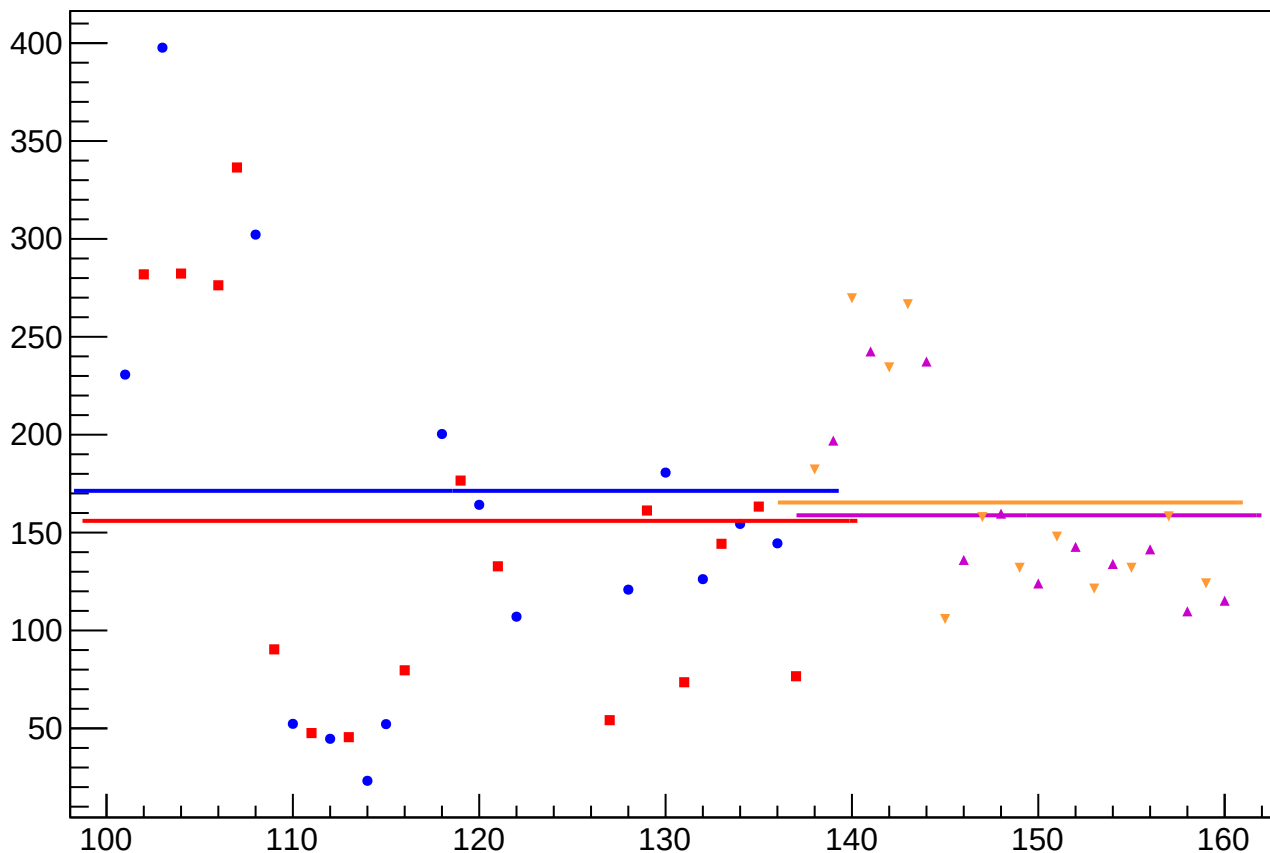
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_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

+ sign 167.840+/-0.000 χ^2/NDF : 875675526414248

Left Out: 165.375+/-0.000 χ^2/NDF : 2622335351174785803279271276281069568.0/11

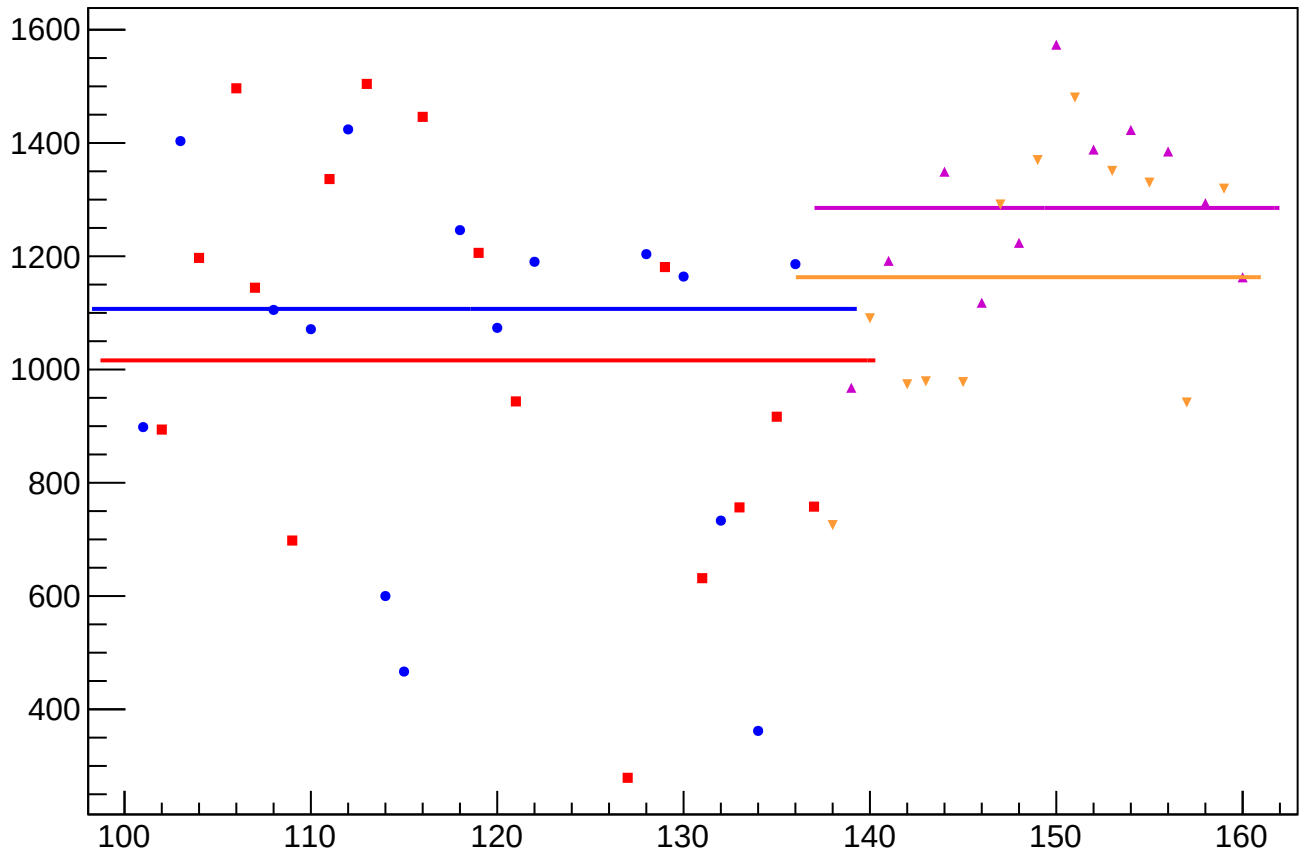
All: 162.701+/-0.000 χ^2/NDF : 16375906159

Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15

- sign 157.643+/-0.000 χ^2/NDF : 753709484799884

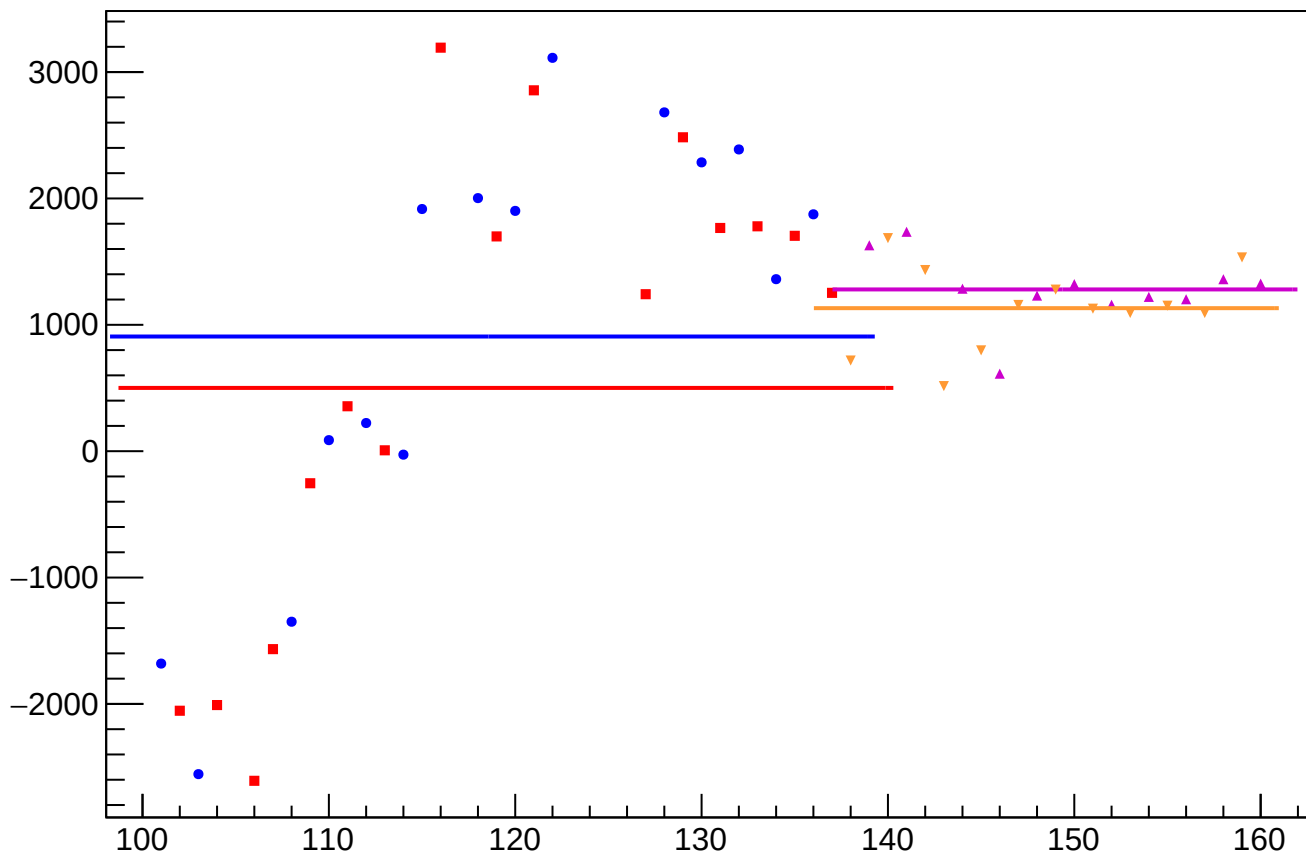
Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

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

+ sign 1038.815 $\pm$ 0.000 χ^2 /NDF: 22186941302741

Left Out: 1131.794 $\pm$ 0.000 χ^2 /NDF: 92327464318942529302079754204983853056.0/11

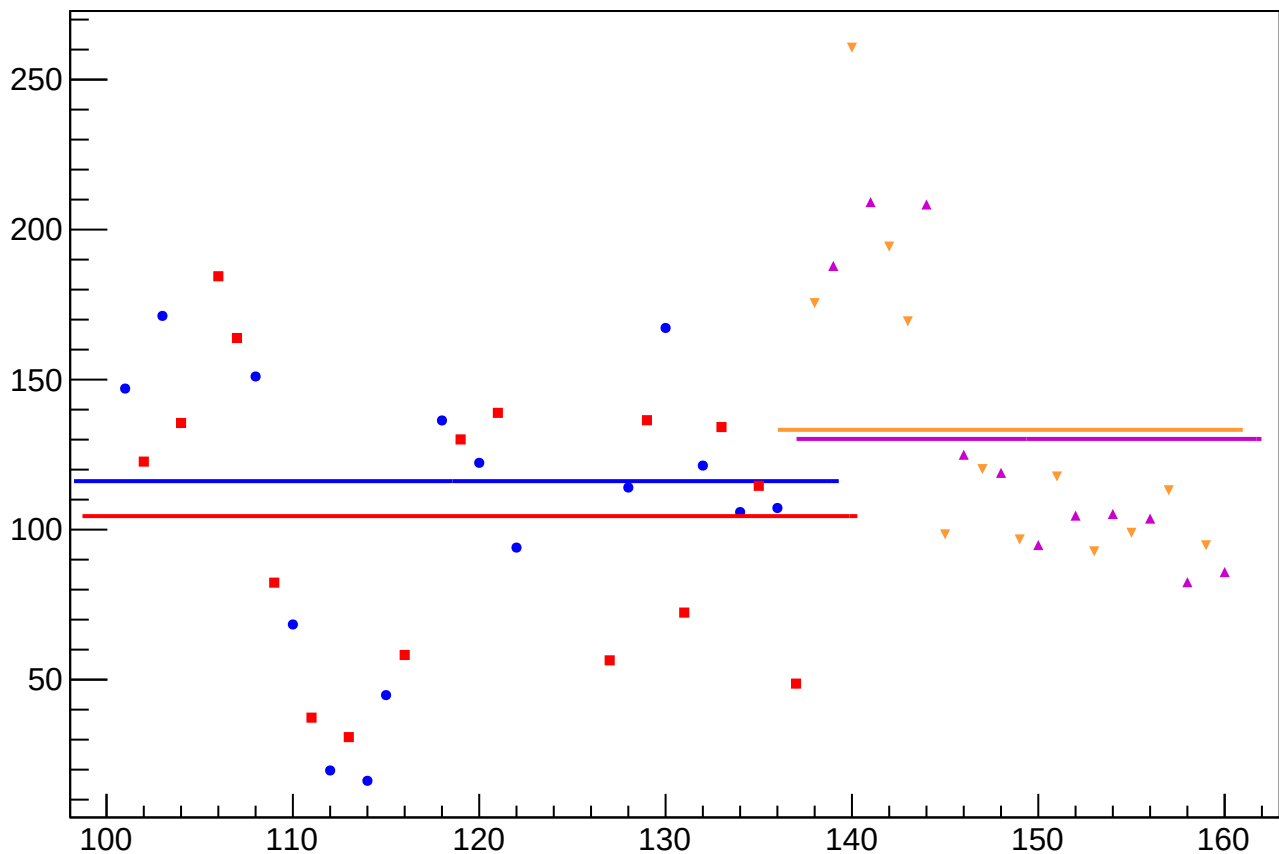
All: 995.711 $\pm$ 0.000 χ^2 /NDF: 46015505326

Right Out: 500.689 $\pm$ 0.000 χ^2 /NDF: 2074232918749953174436803426379074895872.0/15

- sign 953.284 $\pm$ 0.000 χ^2 /NDF: 237708288217536

Left In: 1279.995 $\pm$ 0.000 χ^2 /NDF: 67592304703884032028559239448782438400.0/10

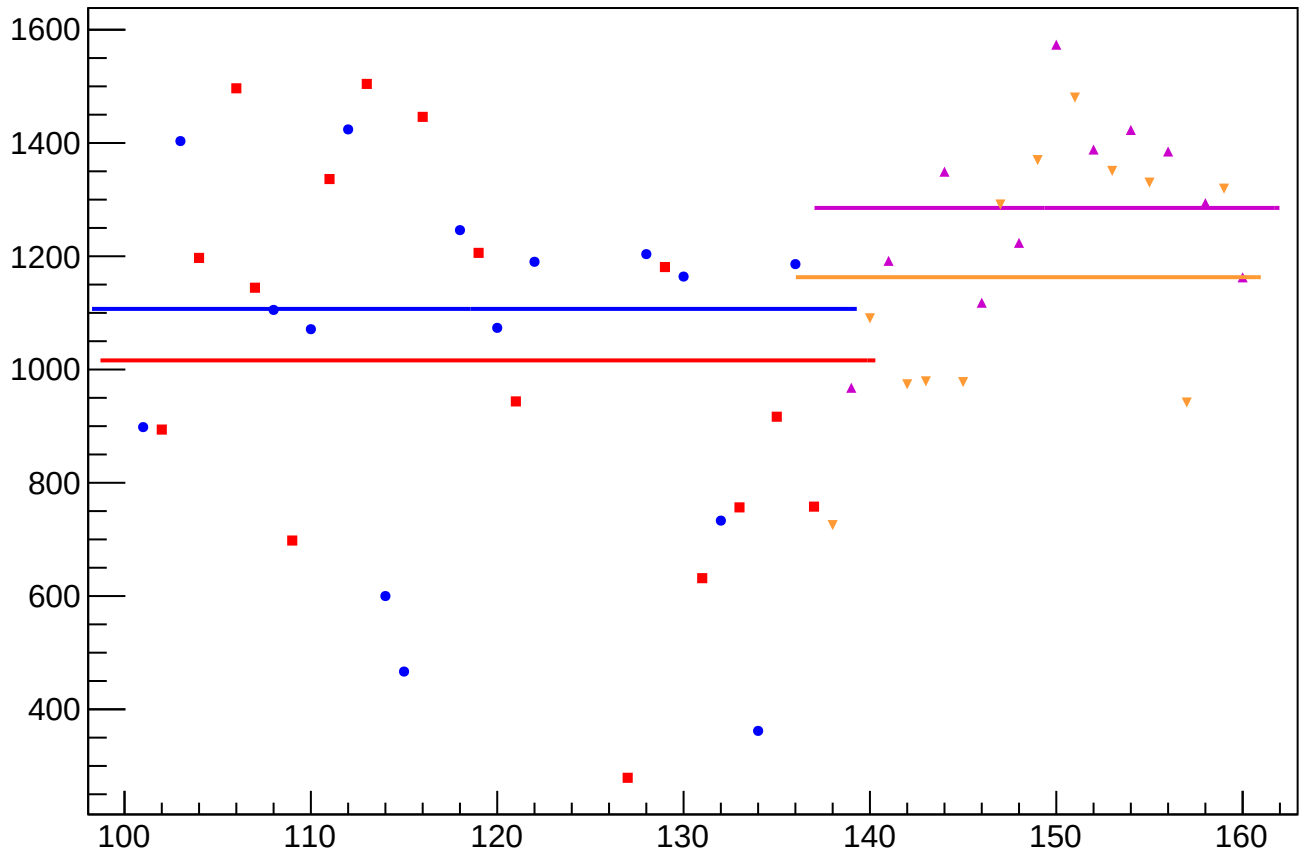
dit_sam8_coil4_err_mean vs Slug



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

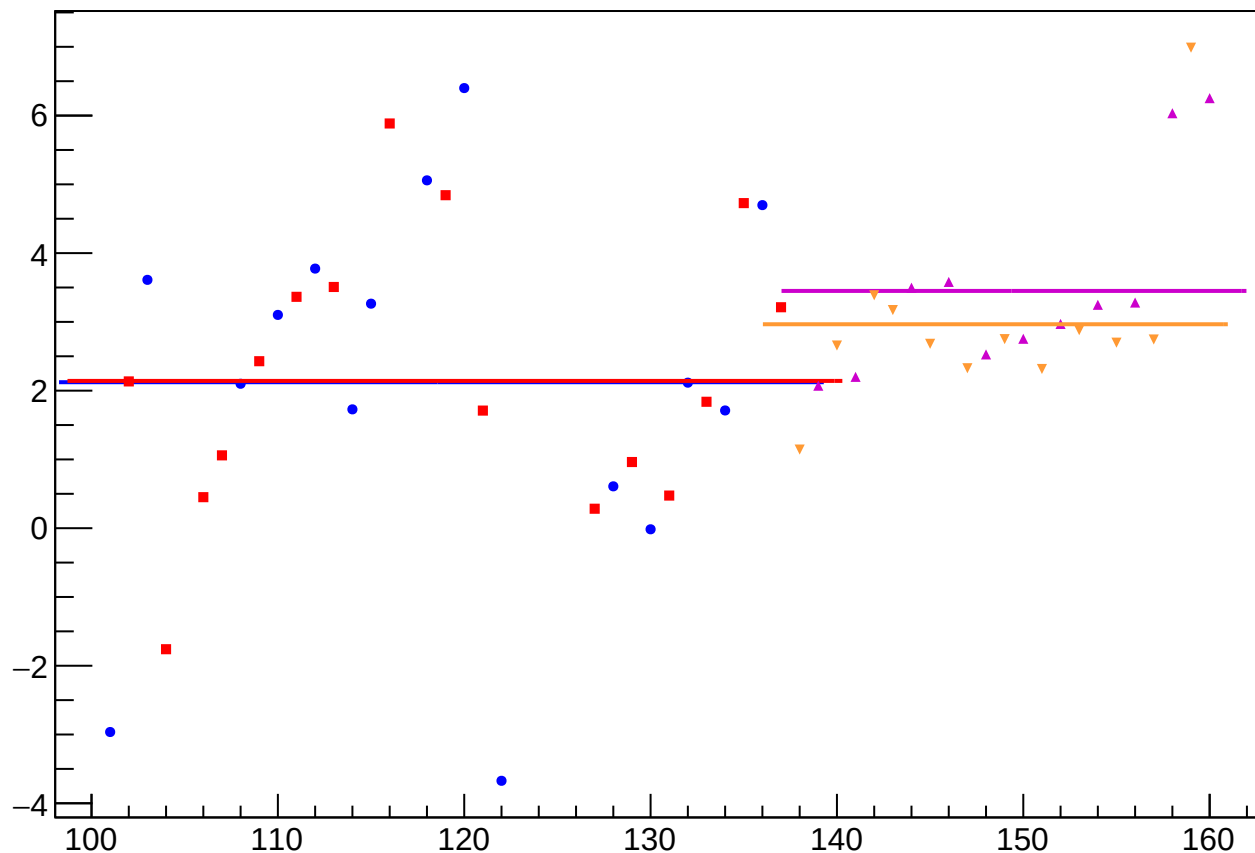
+ sign 126.172+/-0.000 χ^2/NDF : 366514873637822
 All: 122.783+/-0.000 χ^2/NDF : 721221097138
 - sign 119.447+/-0.000 χ^2/NDF : 351137486927292

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



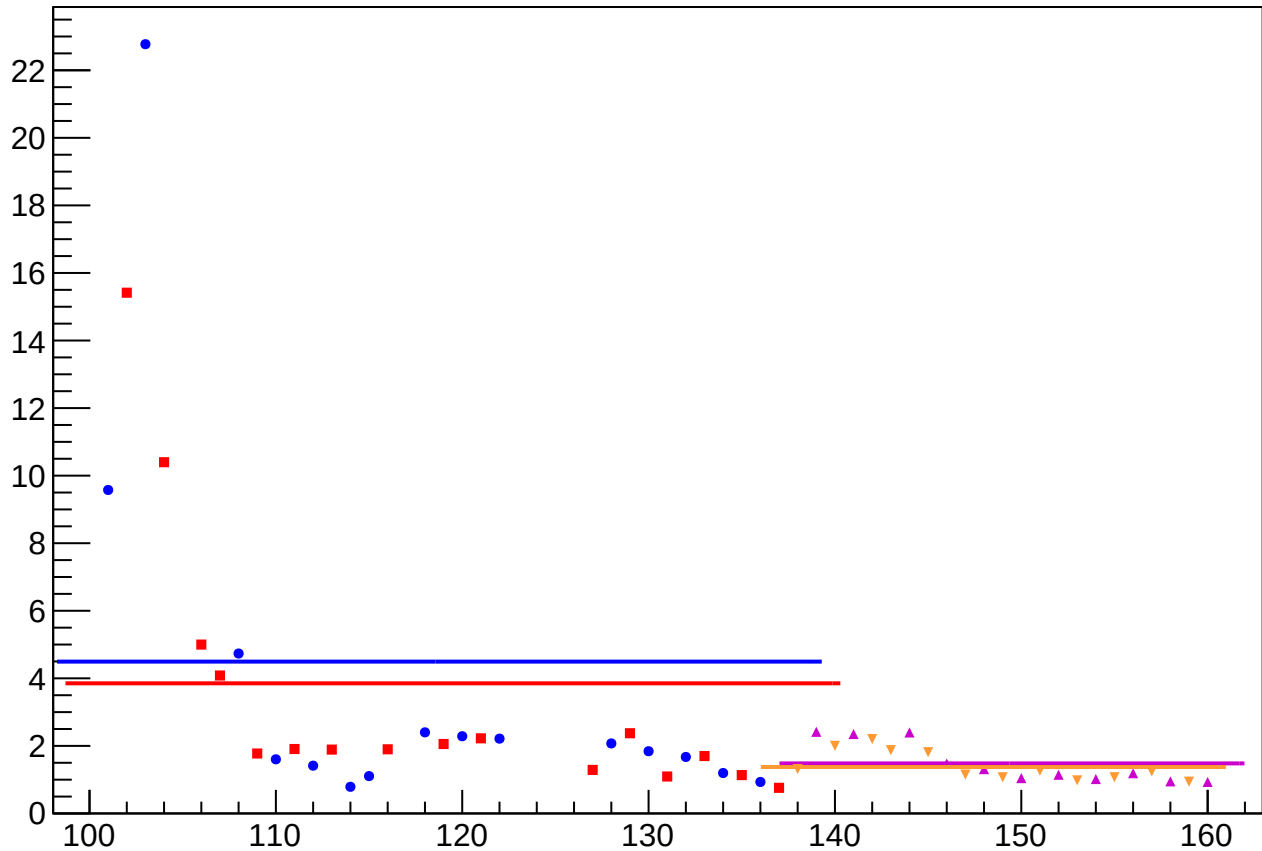
Right In: 2.123 ± 0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14

Left Out: 2.966 ± 0.000 χ^2/NDF : 1657147599544170270871306245242880.0/11

Right Out: 2.142 ± 0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15

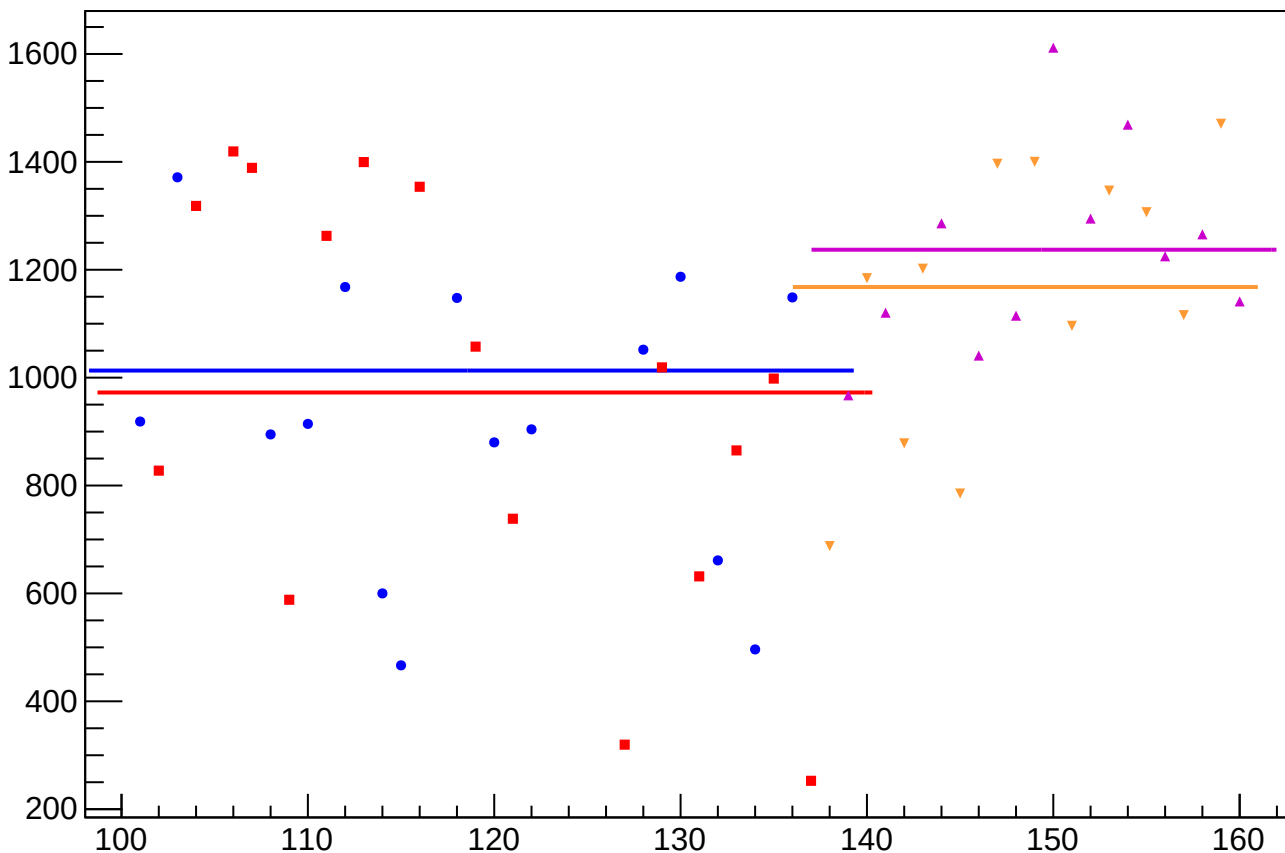
Left In: 3.450 ± 0.000 χ^2/NDF : 1551935058842125730993767819771904.0/10

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000	χ^2 /NDF: 25270242219816061532329198634401792.0/14
Left Out: 1.375 $\pm$ 0.000	χ^2 /NDF: 145824137057123098329032148647936.0/11
Right Out: 3.852 $\pm$ 0.000	χ^2 /NDF: 12314971476556806550518847638601728.0/15
Left In: 1.482 $\pm$ 0.000	χ^2 /NDF: 310337710475779495774509405831168.0/10
+ sign 2.668 $\pm$ 0.000	χ^2 /NDF: 29116582581776454
- sign 2.476 $\pm$ 0.000	χ^2 /NDF: 14802405912641910
All: 2.571 $\pm$ 0.000	χ^2 /NDF: 43948176556660

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

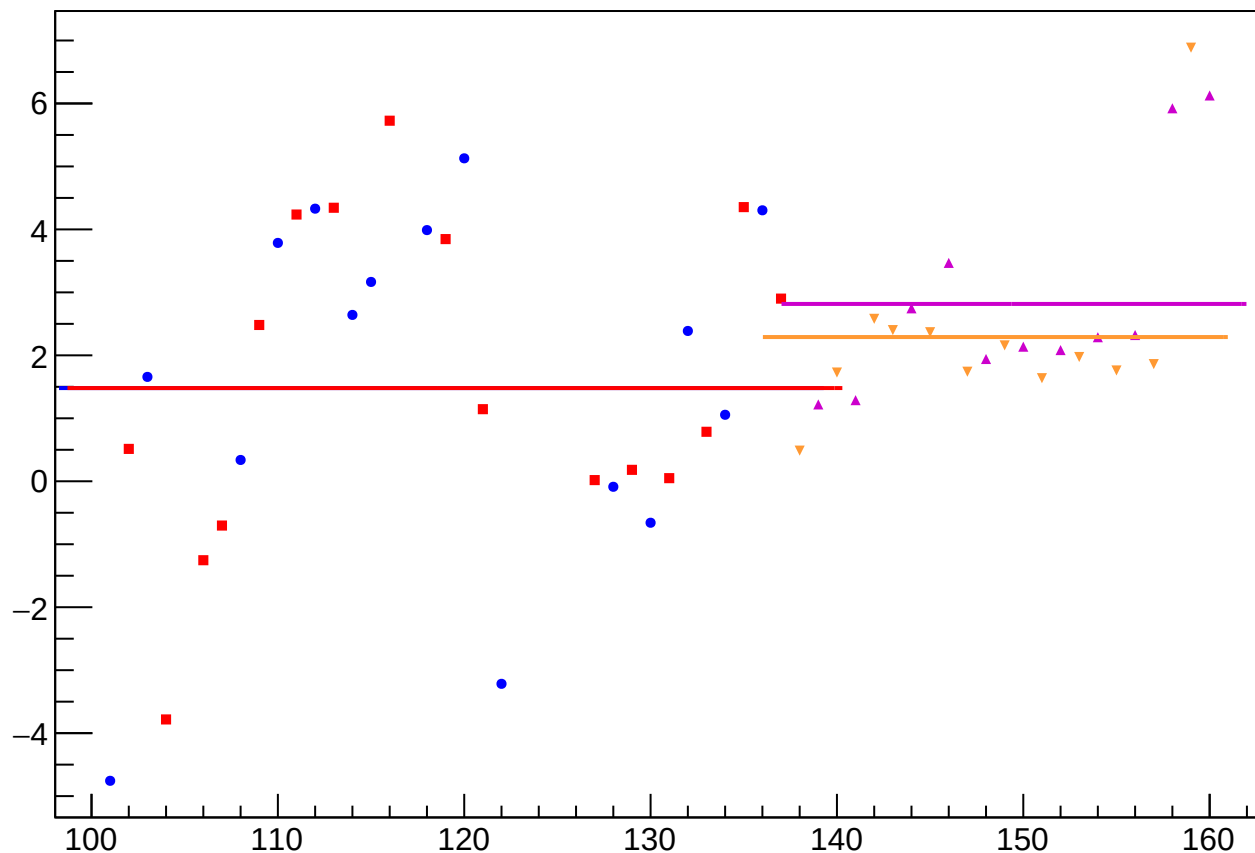
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

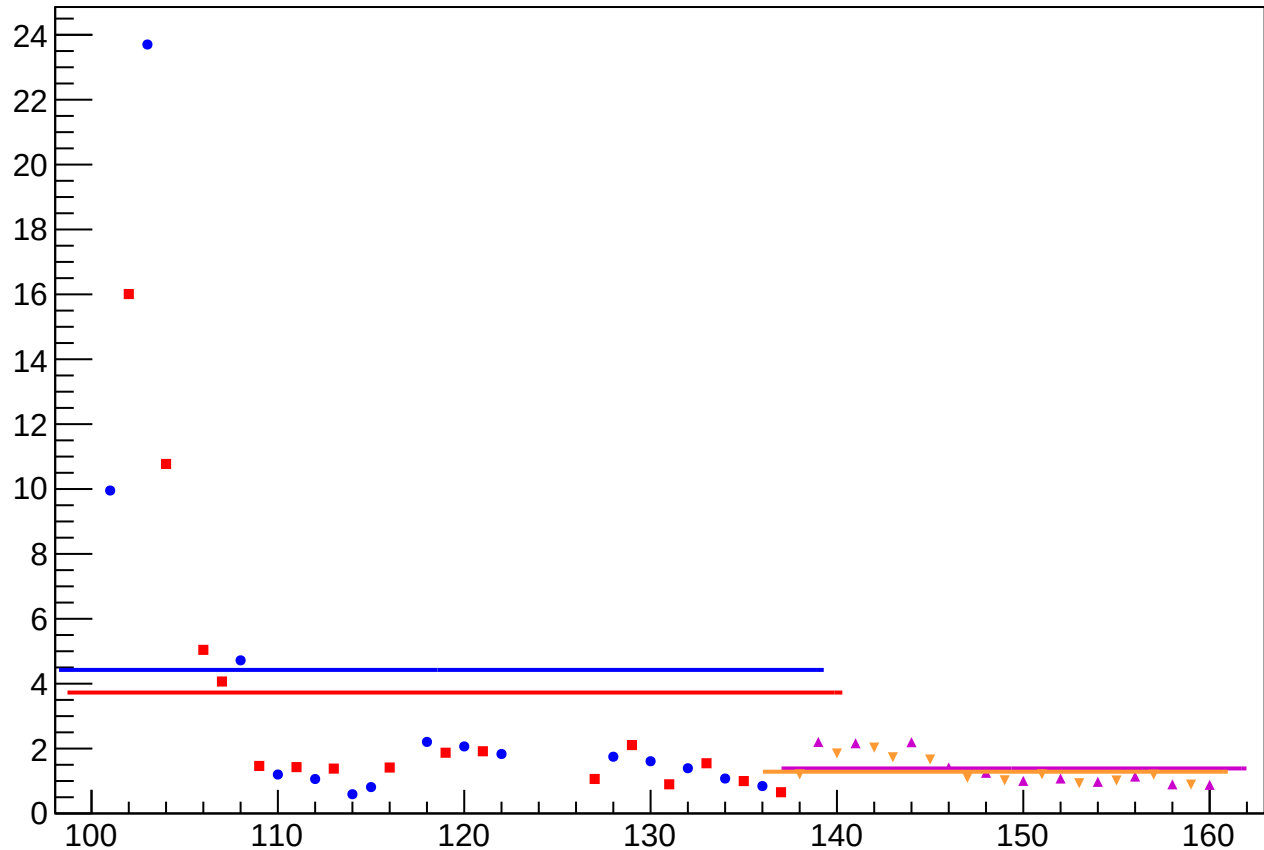
χ^2/NDF : 2230790234579581781884760219451392.0/10

+ 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

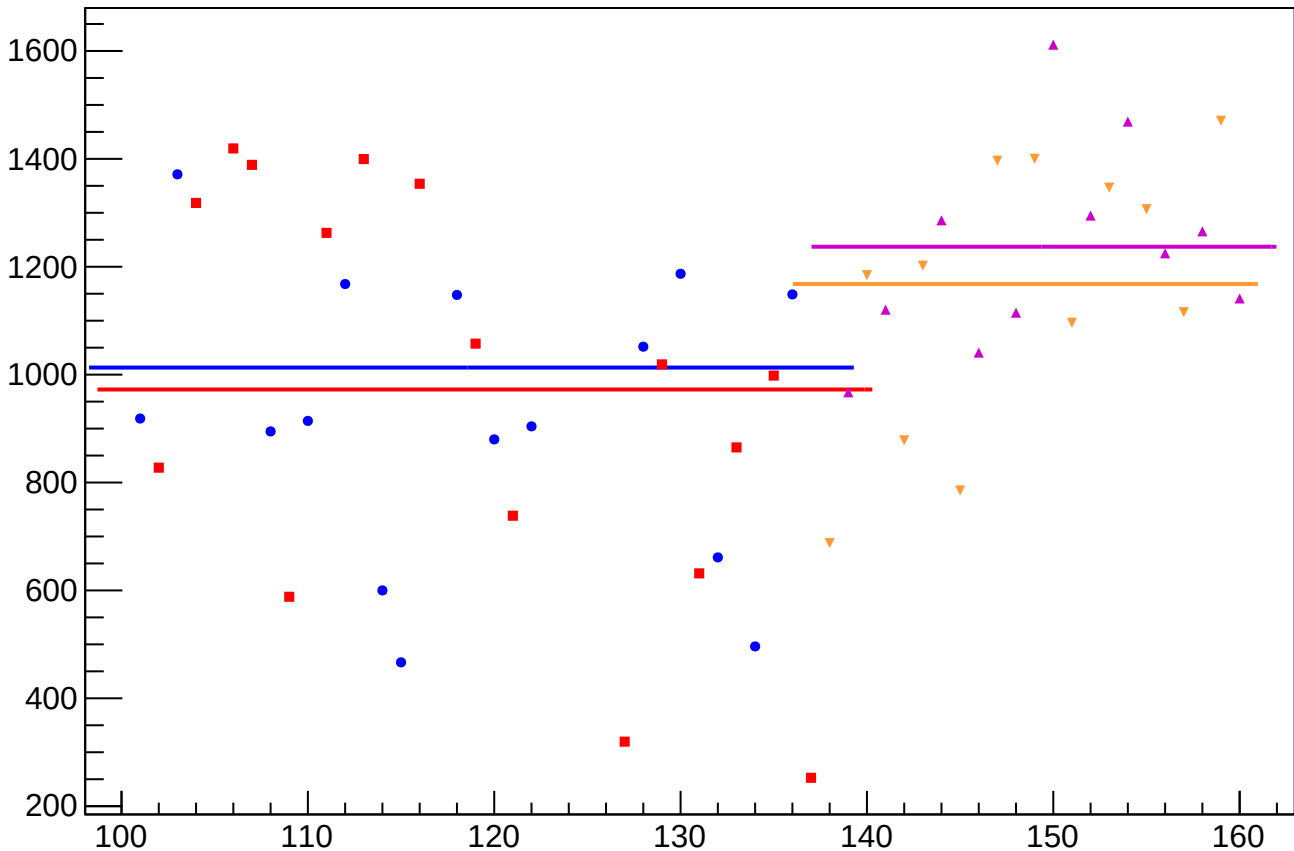
Left In: 1.387+/-0.000 χ^2/NDF : 245381205913734368947829561360384.0/10

+ sign 2.587+/-0.000 χ^2/NDF : 32115021501511057

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

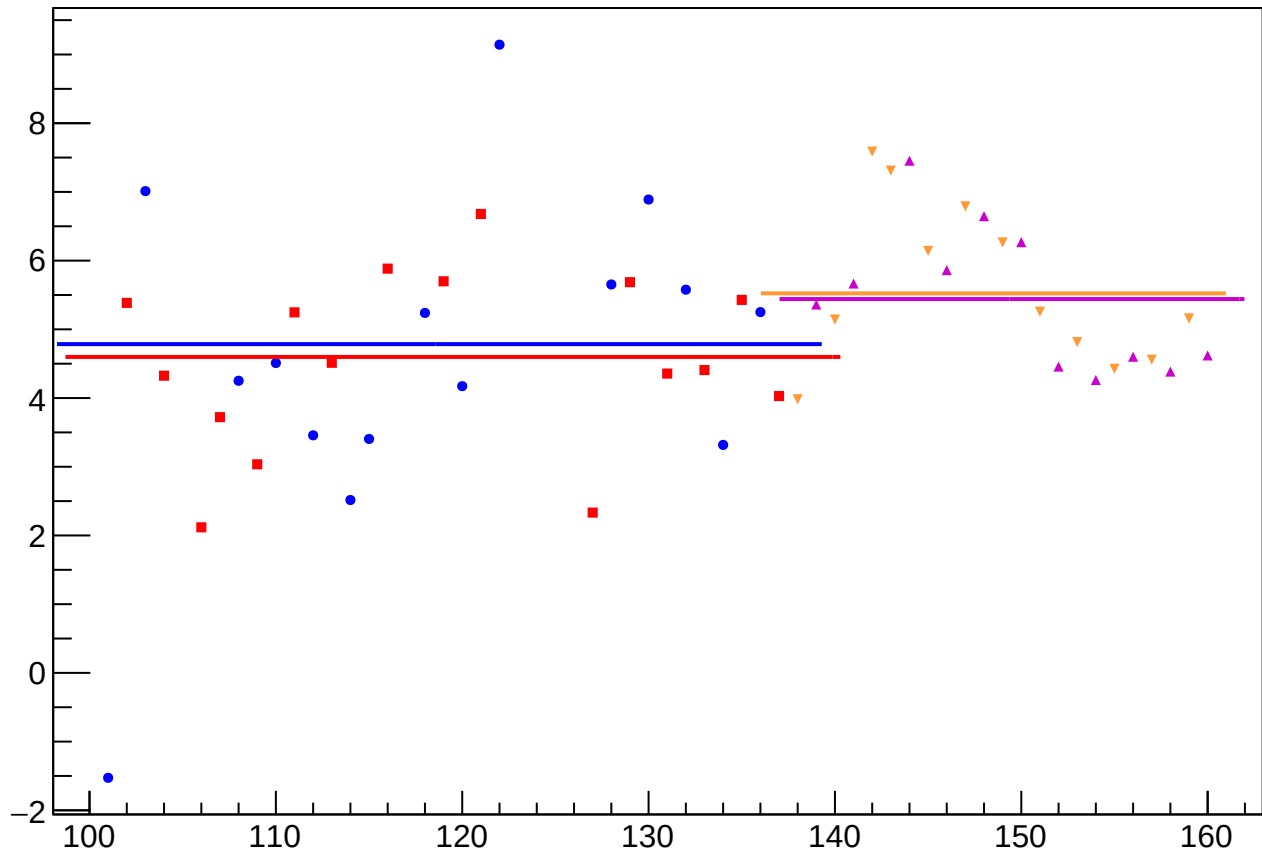
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

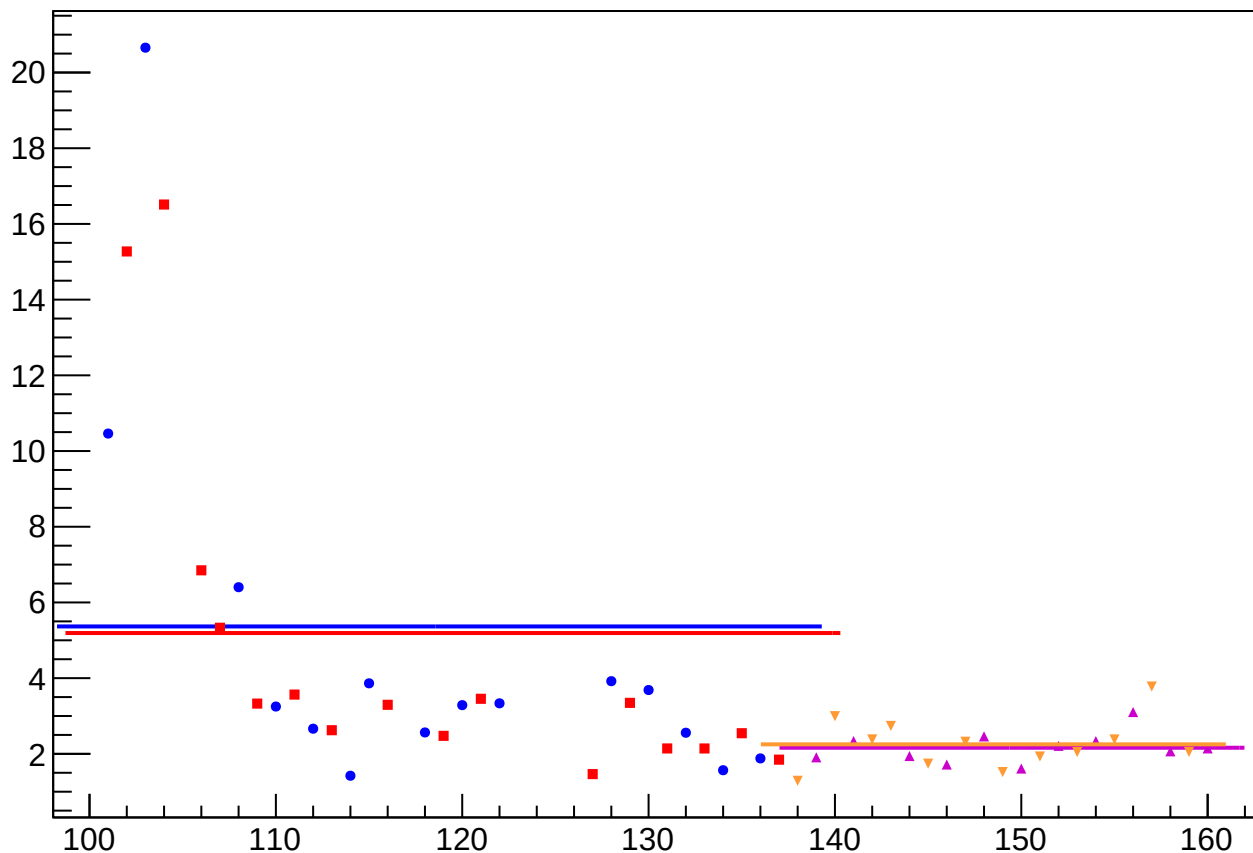
dit_11X12X_coil6_mean vs Slug



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

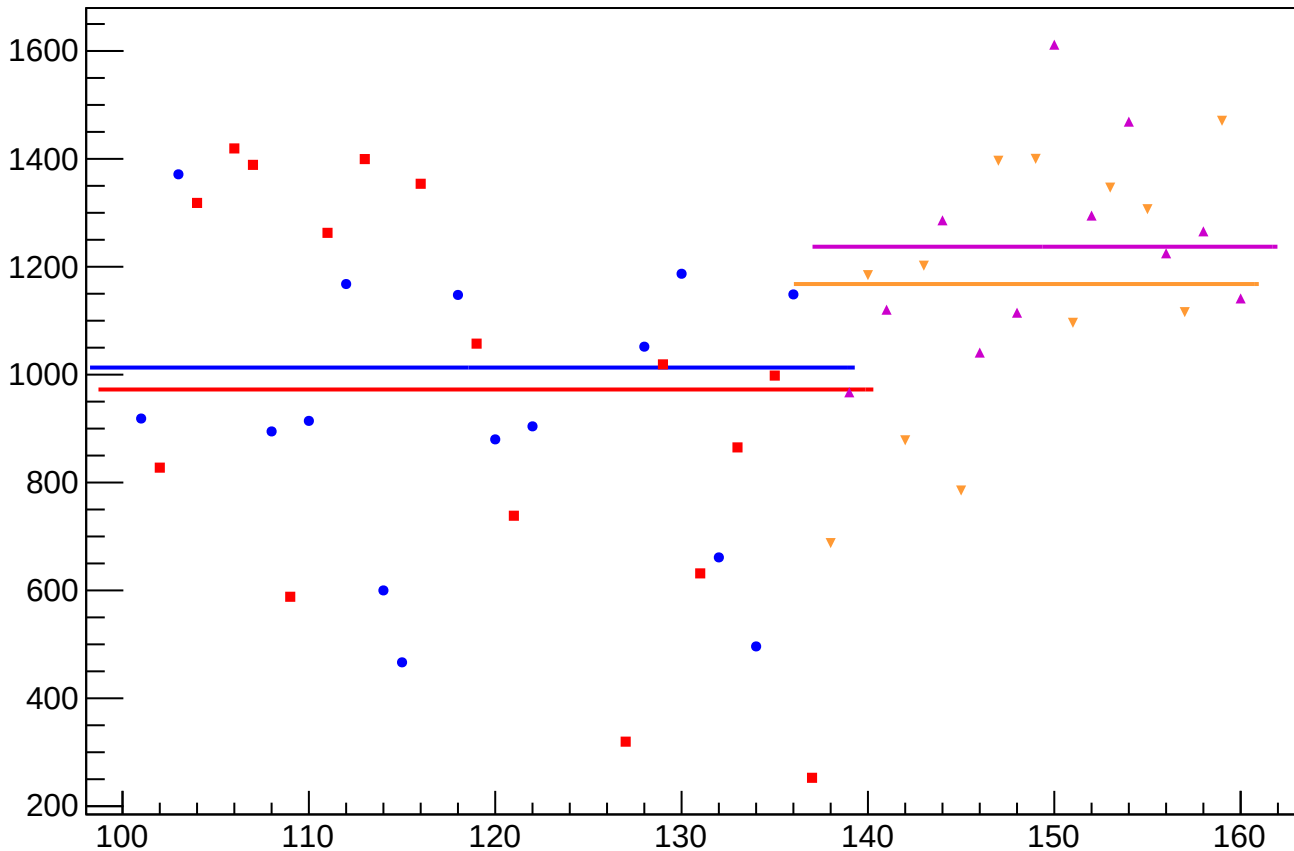
Left In: 2.162 $\pm$ 0.000 χ^2/NDF : 138367938839103248546751049629696.0/10

+ 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

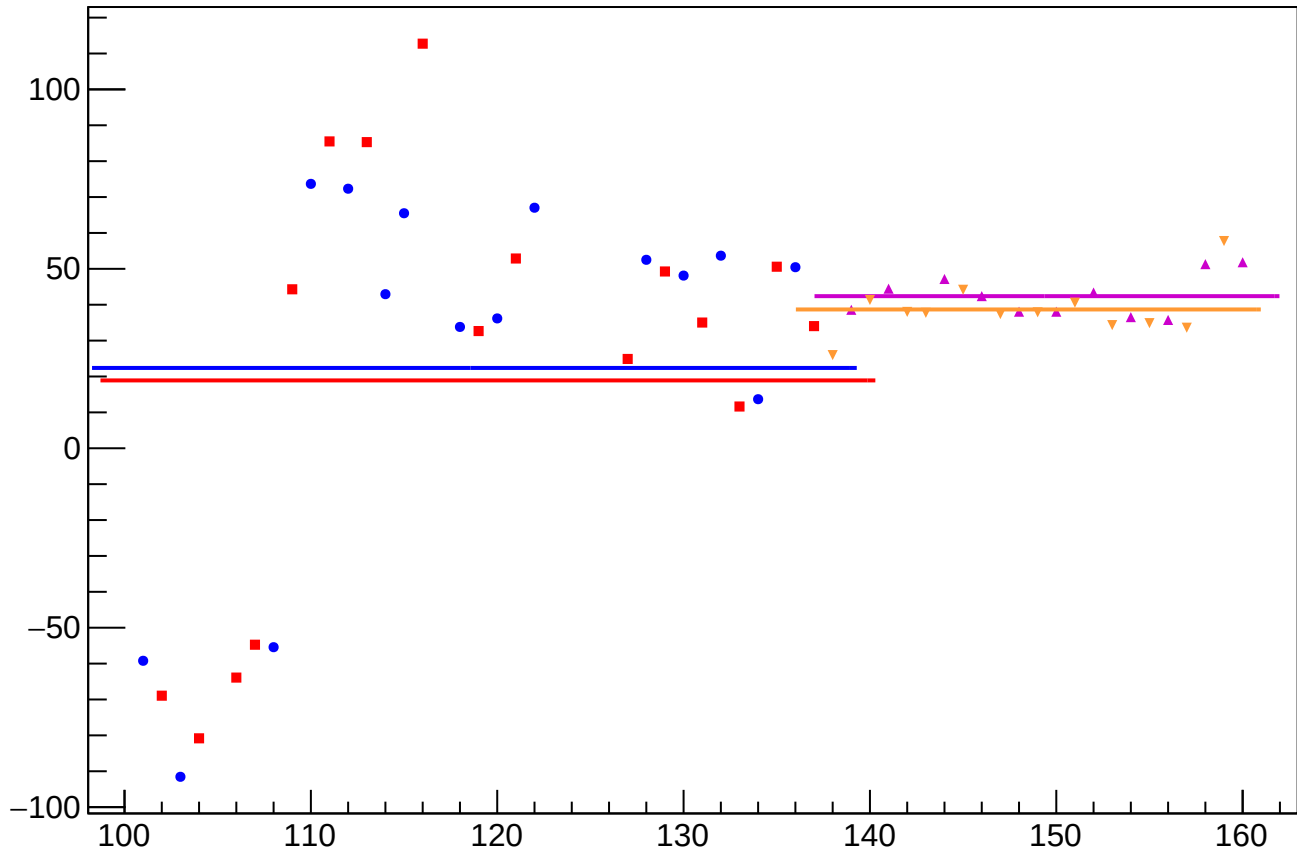
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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 ± 0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 38.679 ± 0.000 χ^2/NDF : 50075878897811273484787289537118208.0/11

Right Out: 18.907 ± 0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

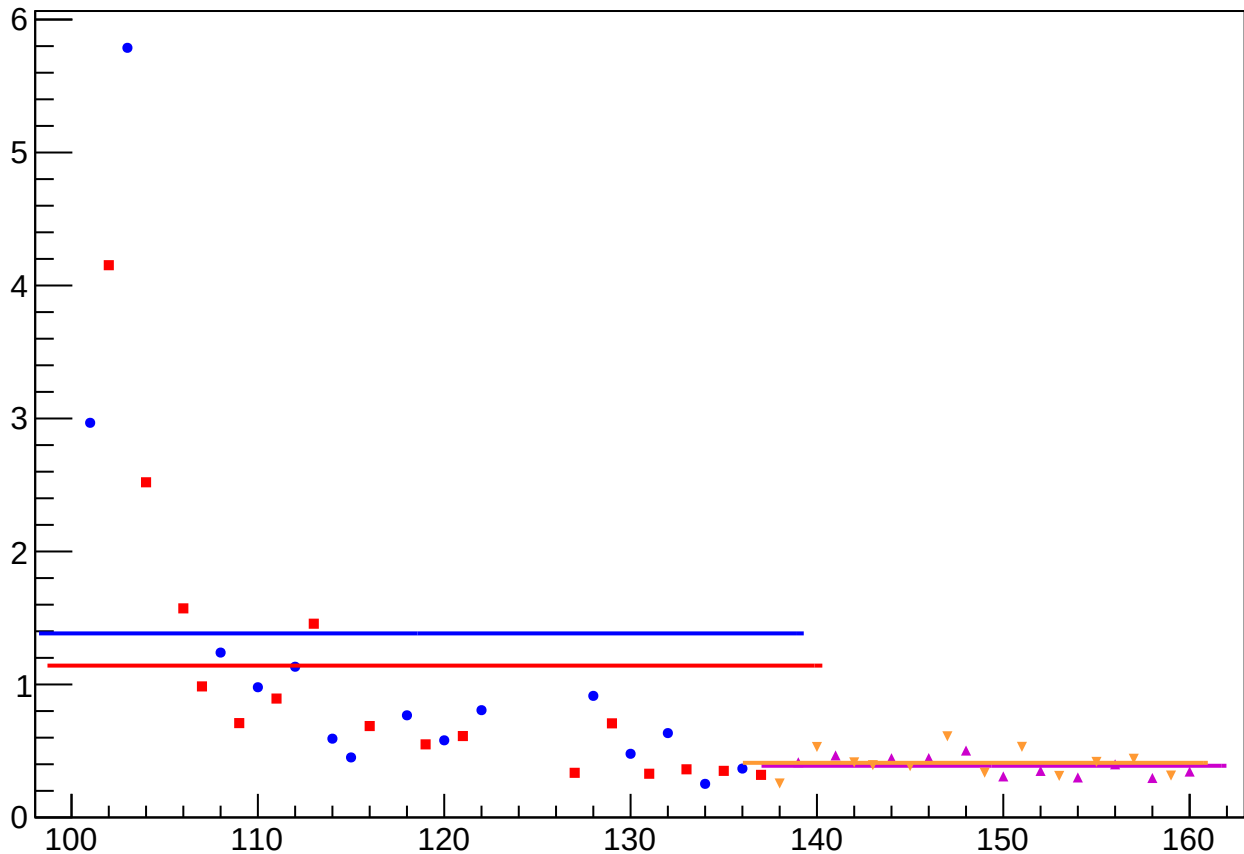
Left In: 42.386 ± 0.000 χ^2/NDF : 26555660128562986553016927486214144.0/10

+ sign 31.926 ± 0.000 χ^2/NDF : 2073238427380323

All: 32.237 ± 0.000 χ^2/NDF : 4495861950423

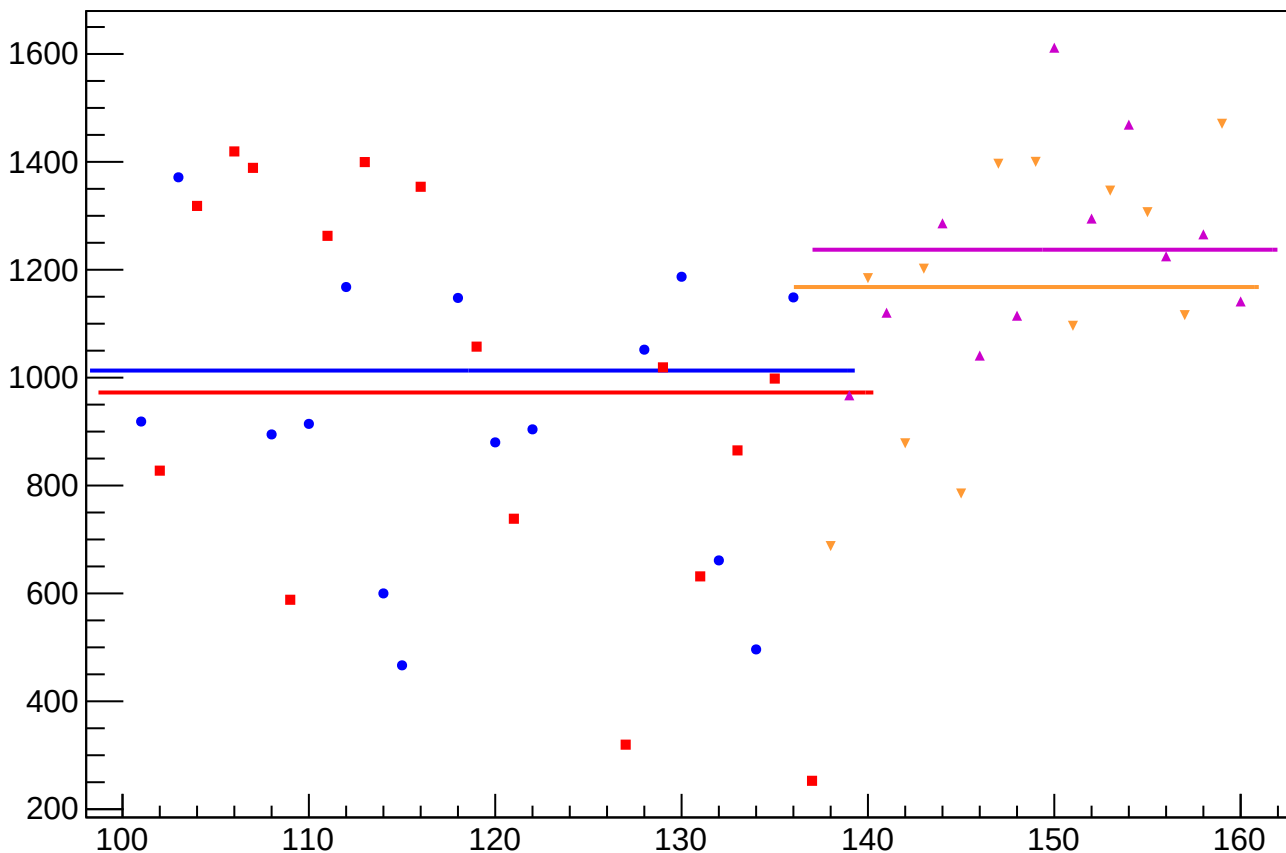
- sign 32.543 ± 0.000 χ^2/NDF : 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384 ± 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 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 : 19405199182887263.0/11
 - sign 0.704 ± 0.000 χ^2/NDF : 10348725978885865.0/11

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

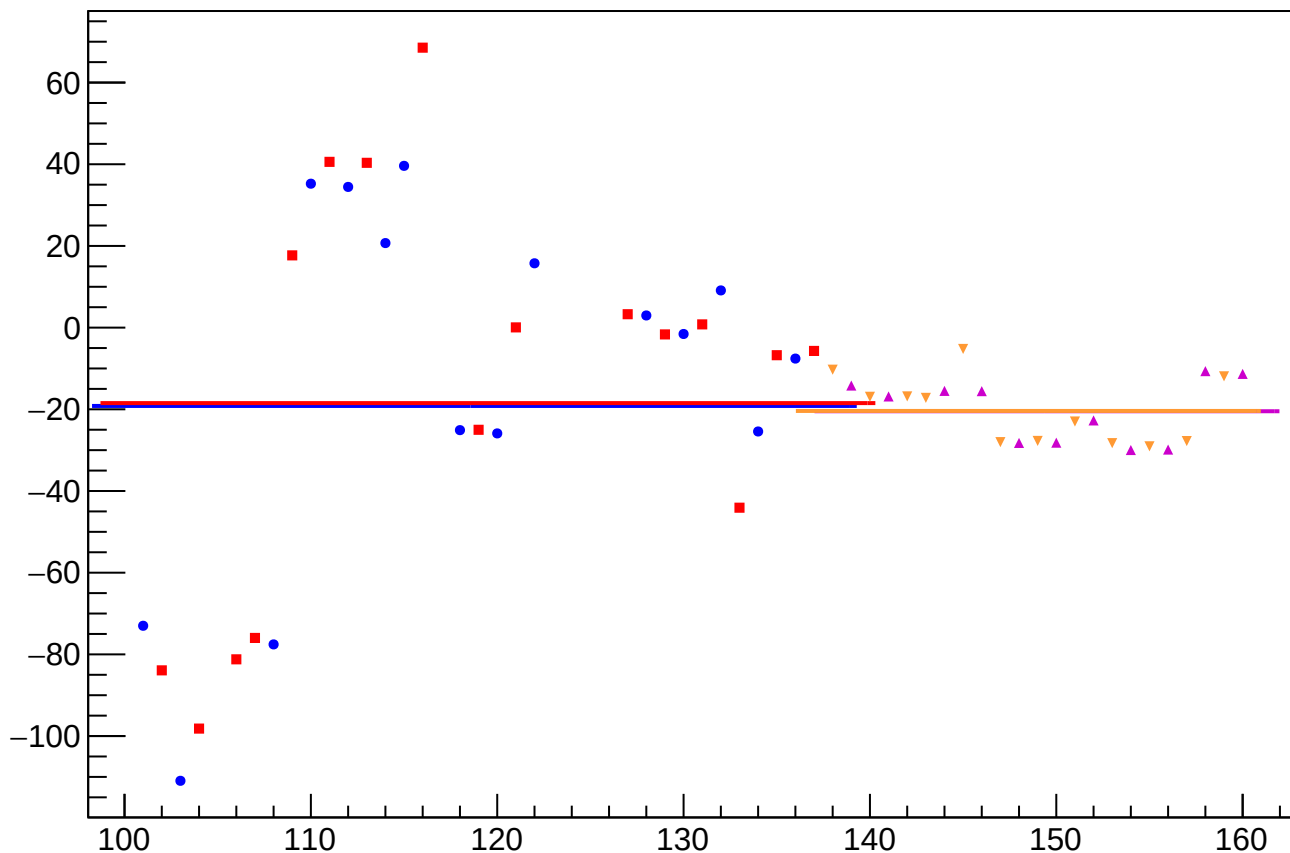
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

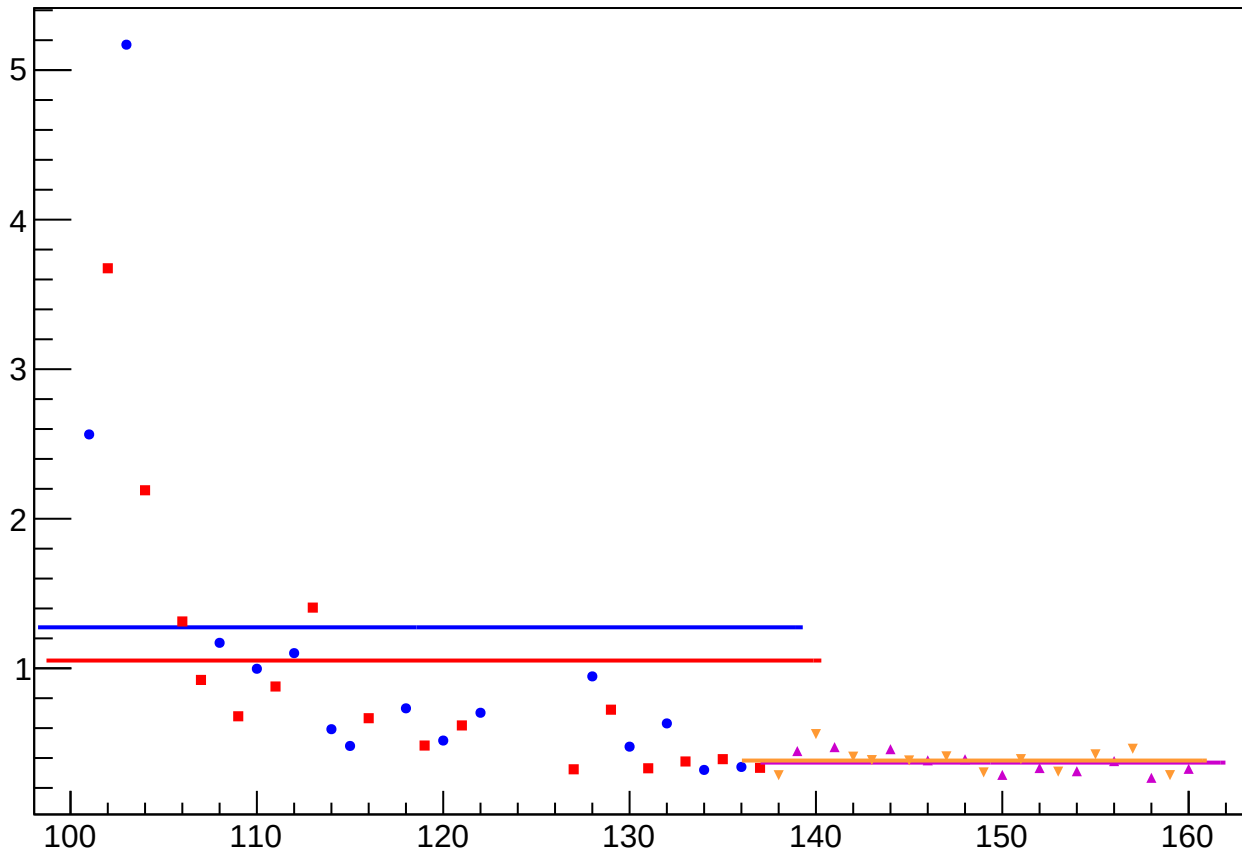
Left In: -20.473 ± 0.000 χ^2/NDF : 48484953363349820110348478937300992.0/10

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 ± 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14

Left Out: 0.383 ± 0.000 χ^2/NDF : 5804905550420528910426527760384.0/11

Right Out: 1.052 ± 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15

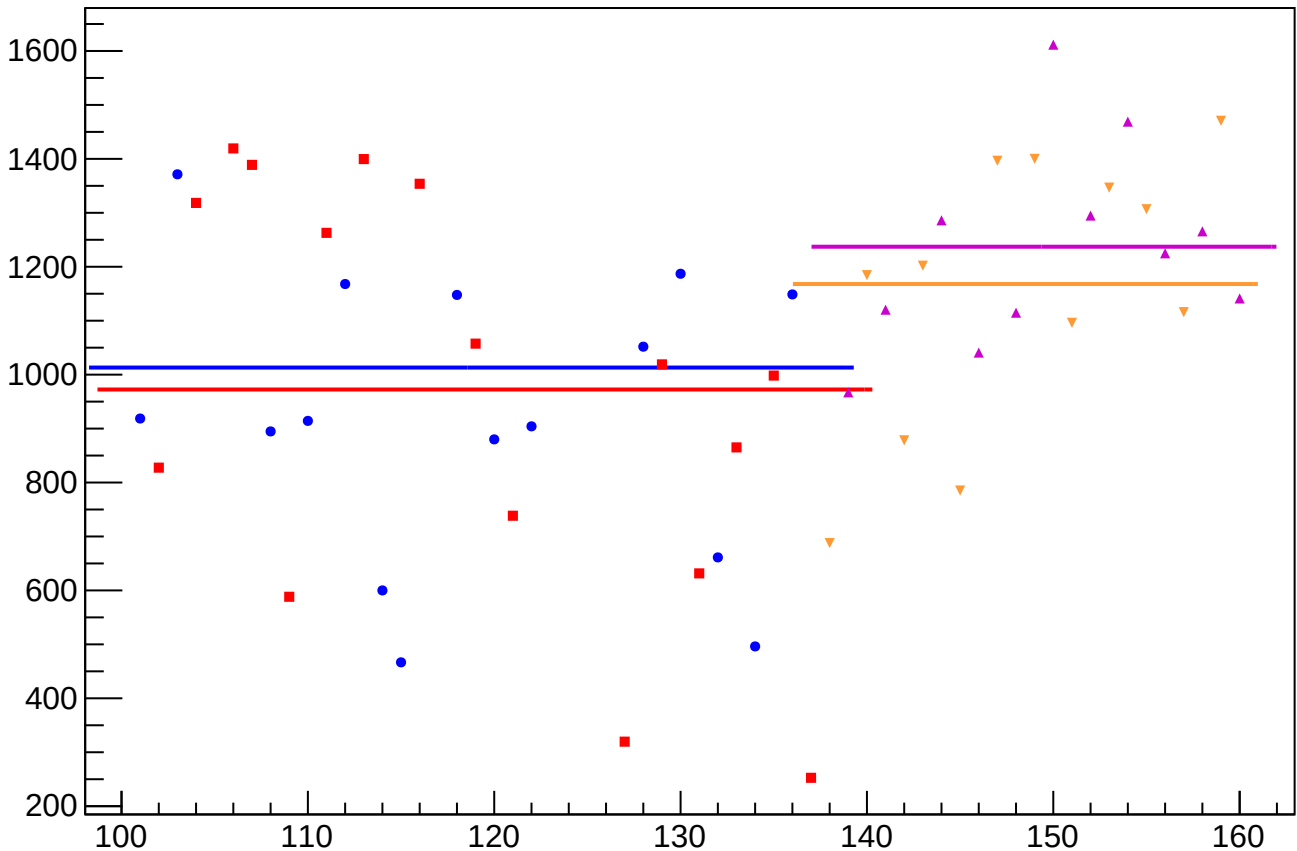
Left In: 0.369 ± 0.000 χ^2/NDF : 4166350638848138676707816112128.0/10

+ sign 0.752 ± 0.000 χ^2/NDF : 15194700956779479

All: 0.703 ± 0.000 χ^2/NDF : 2318813336124

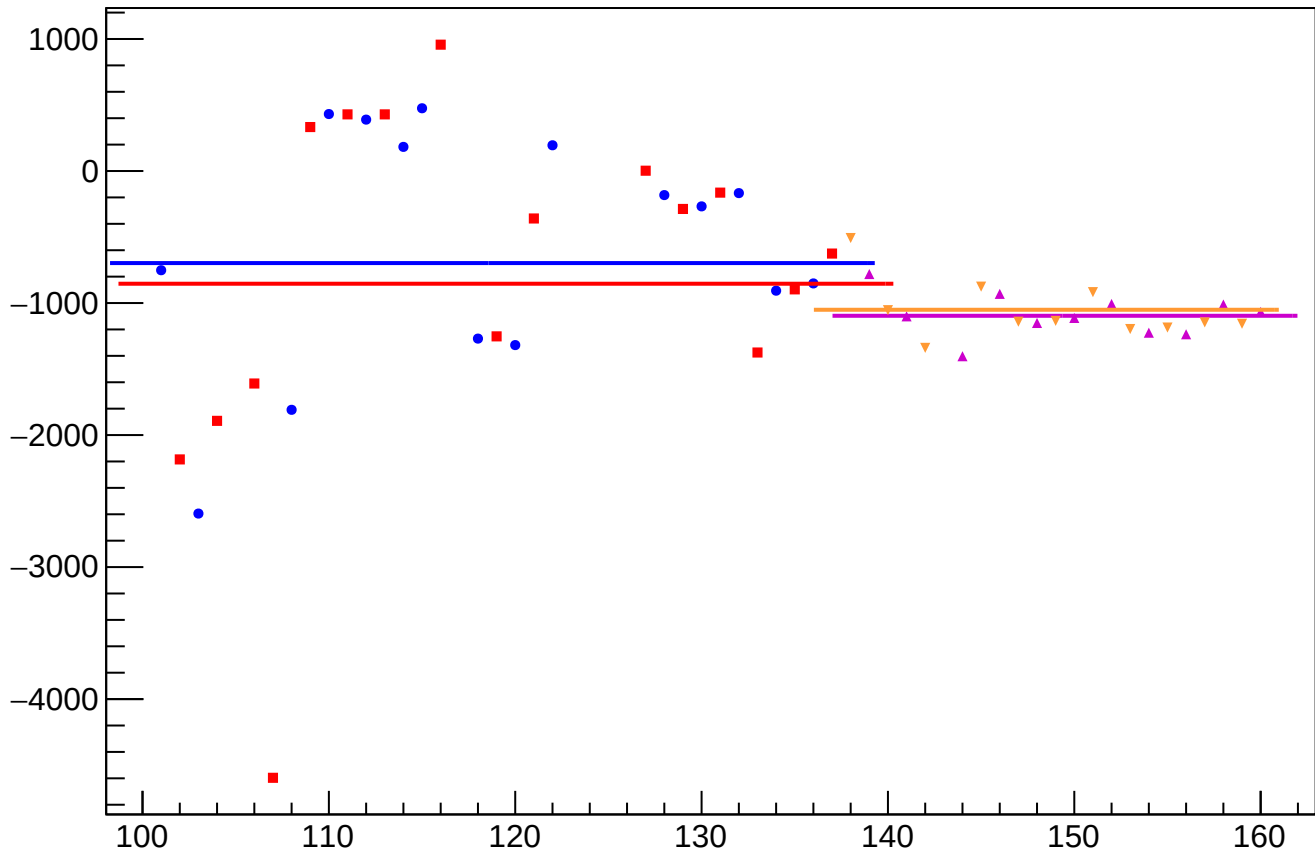
- sign 0.655 ± 0.000 χ^2/NDF : 79193916268828881

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ 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_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

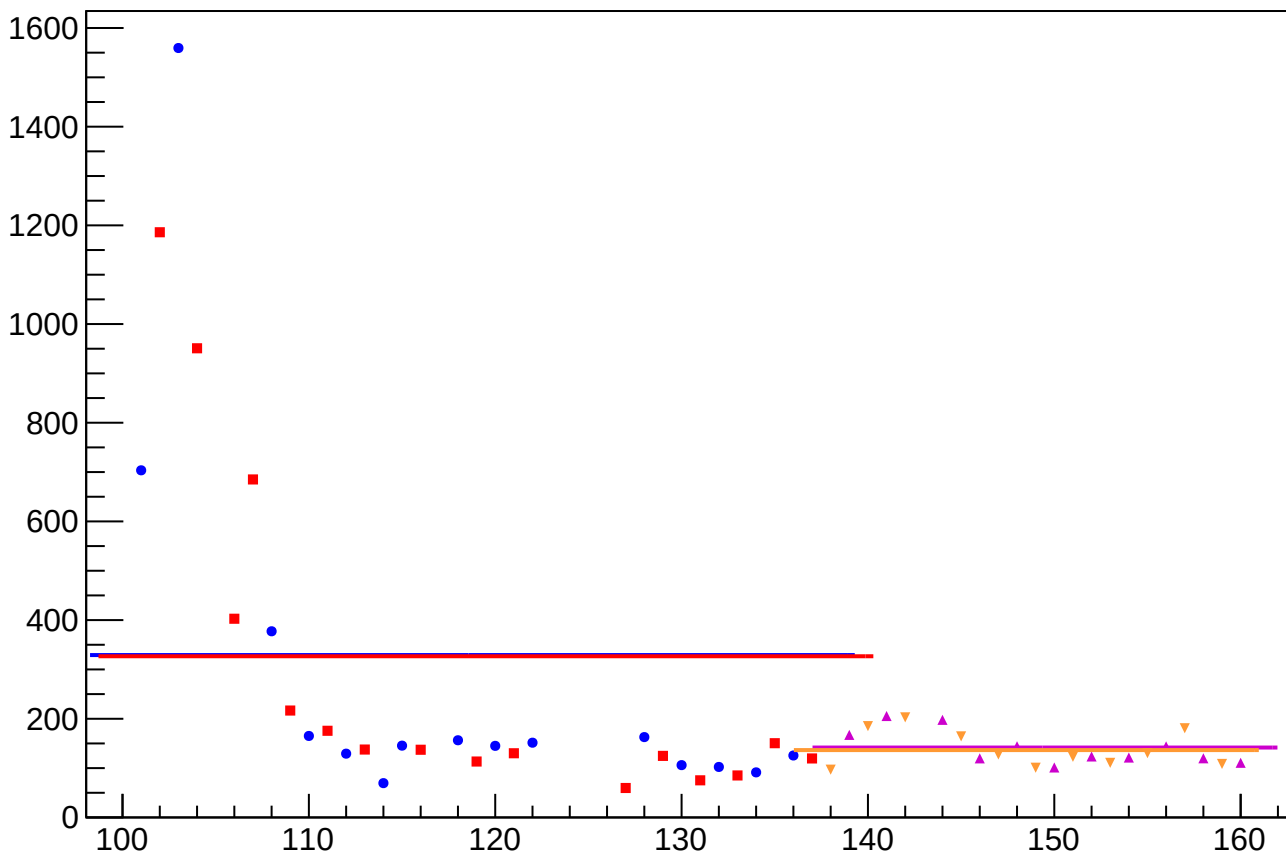
Left In: -1096.508+/-0.000 χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ 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

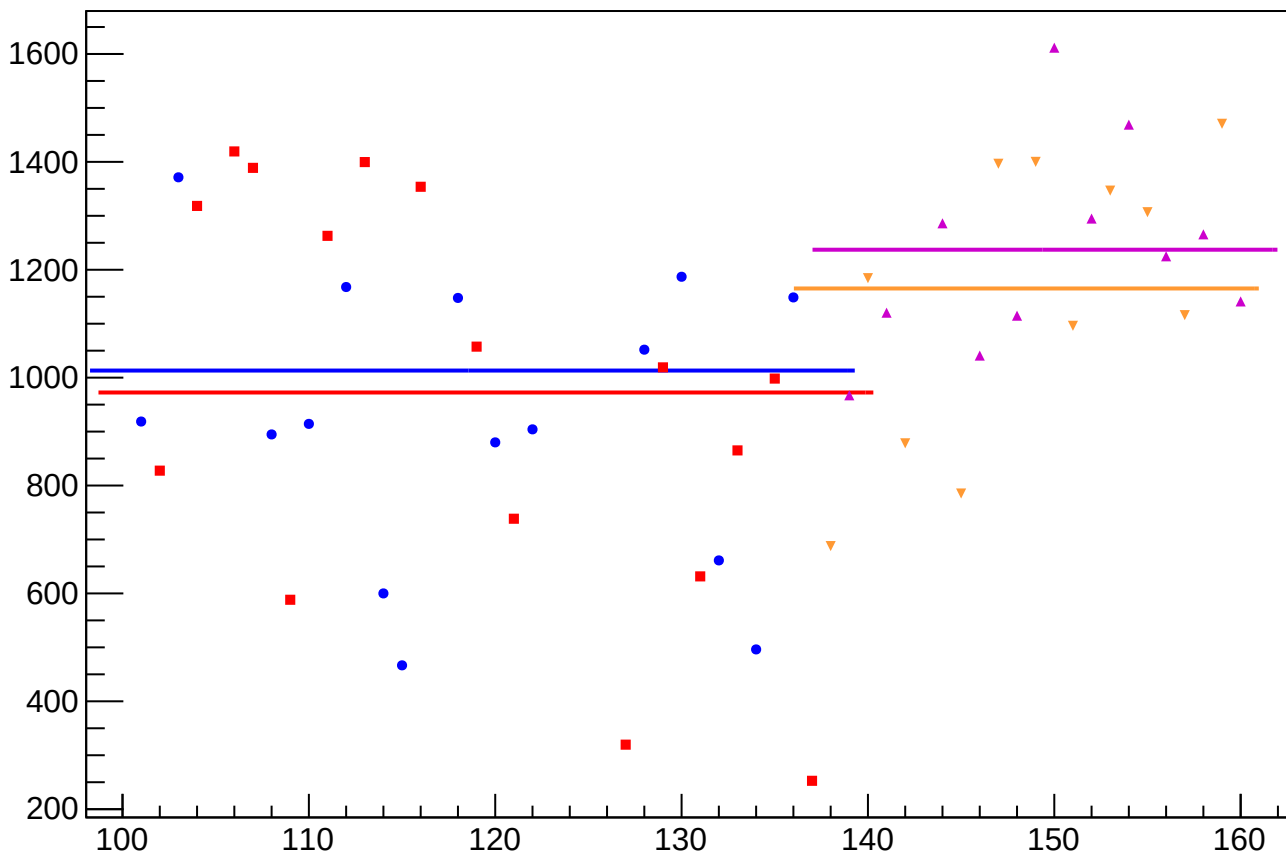
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ sign 219.907+/-0.000 χ^2/NDF : 131498546737370

All: 219.568+/-0.000 χ^2/NDF : 23337163505

- sign 219.249+/-0.000 χ^2/NDF : 101872754009430

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1165.293+/-0.000 χ^2/NDF : 54526526454727326957619493827495591936.0/10

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

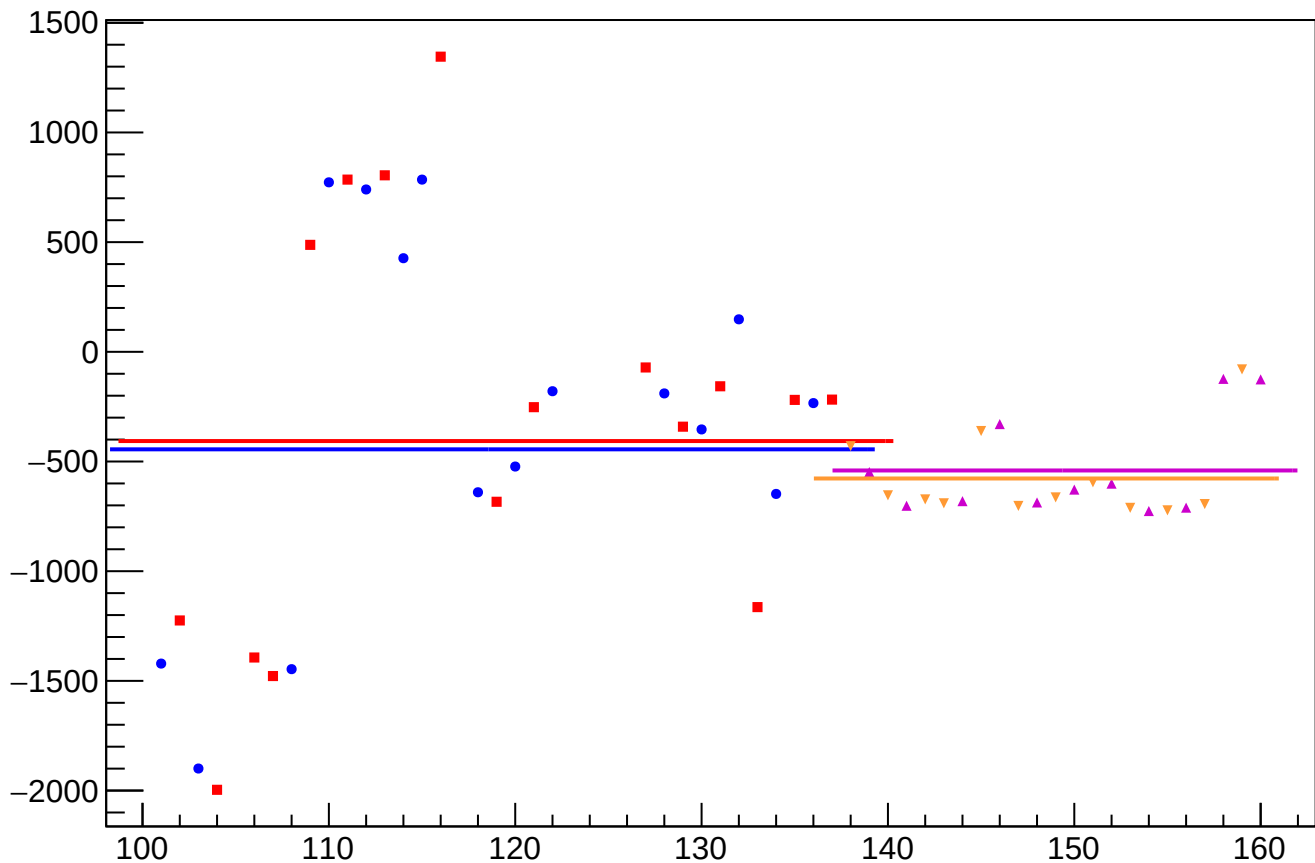
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1099.420+/-0.000 χ^2/NDF : 94766751436093

All: 1113.201+/-0.000 χ^2/NDF : 23166622604

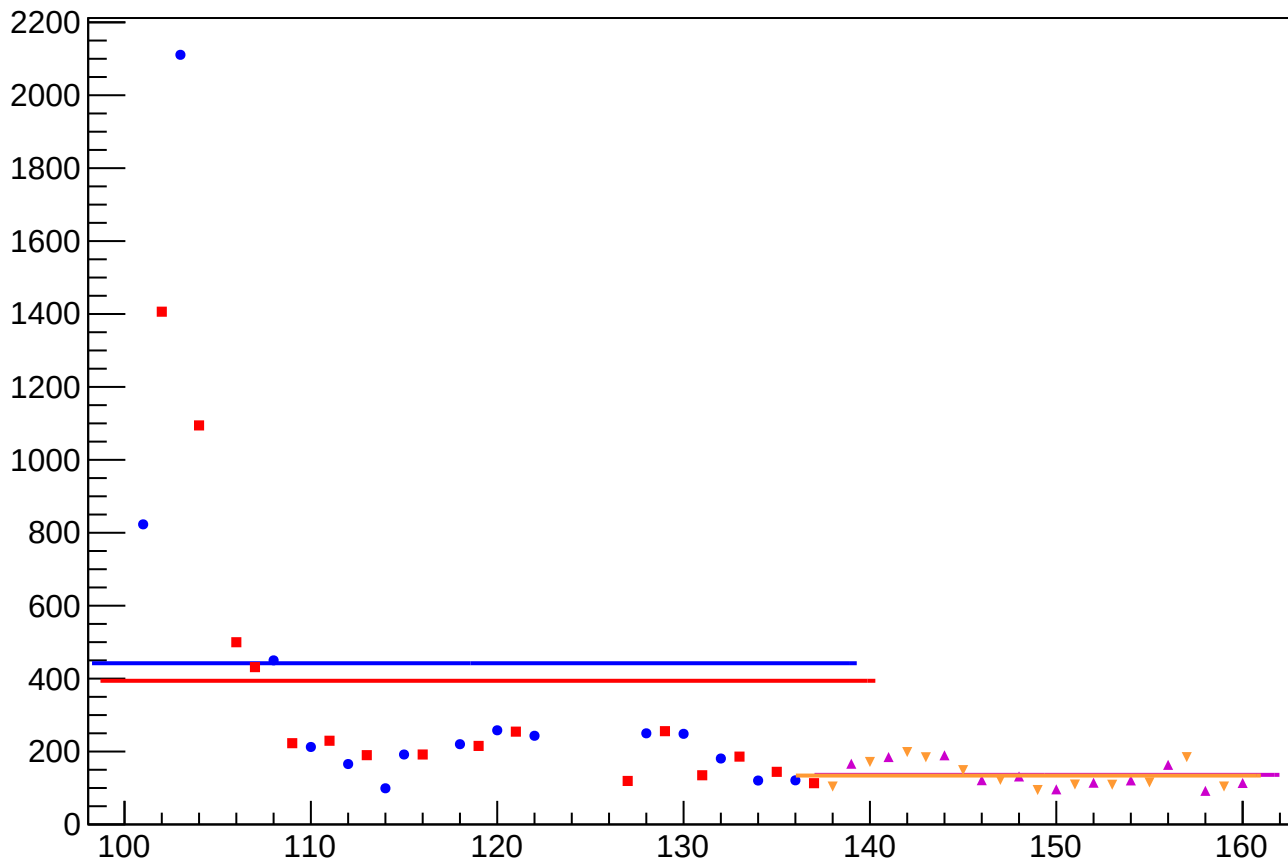
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_usr_coil6_mean vs Slug



Right In: -444.512 ± 0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14
 Left Out: -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

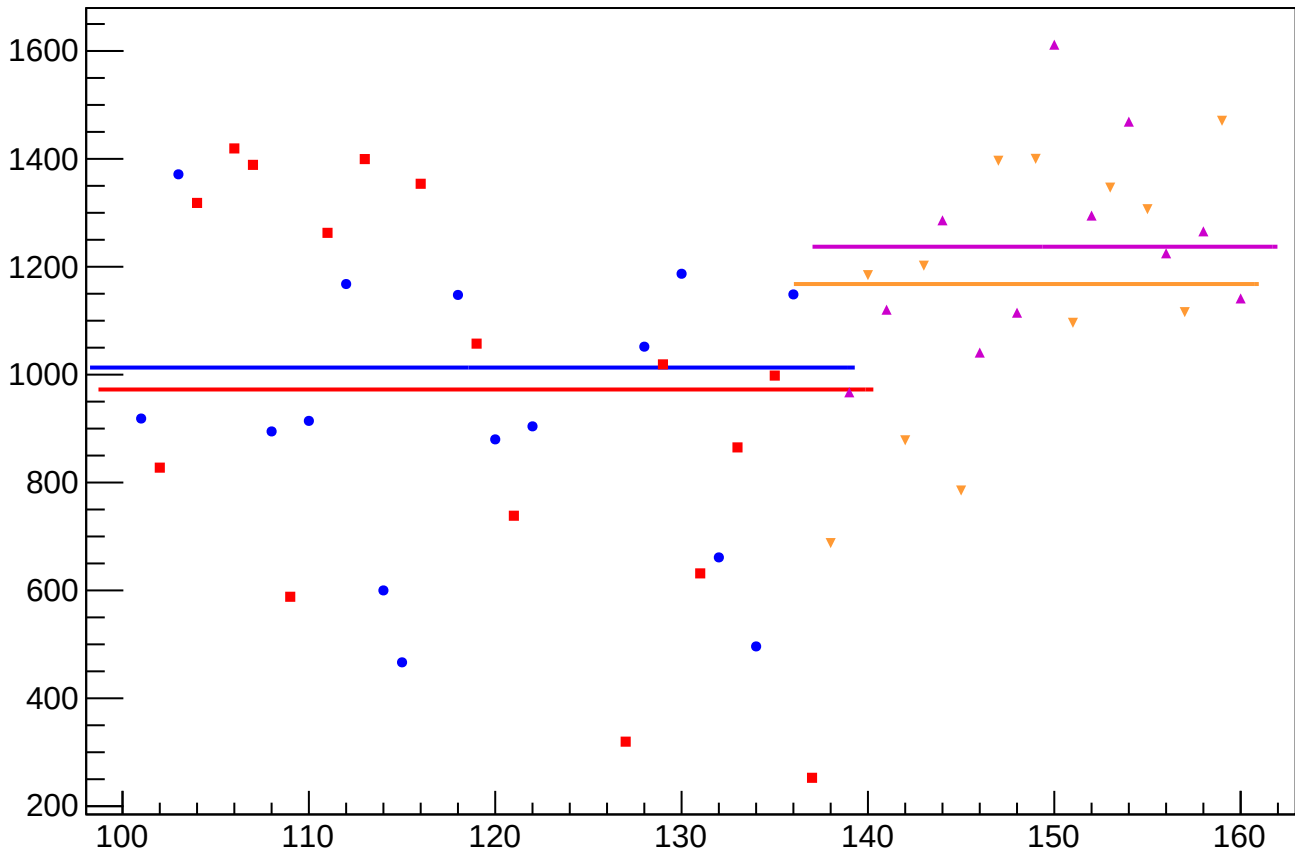
Left In: 136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

All: 252.922+/-0.000 χ^2/NDF : 374106508745

+ sign 261.784+/-0.000 χ^2/NDF : 241185059846512

- 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

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

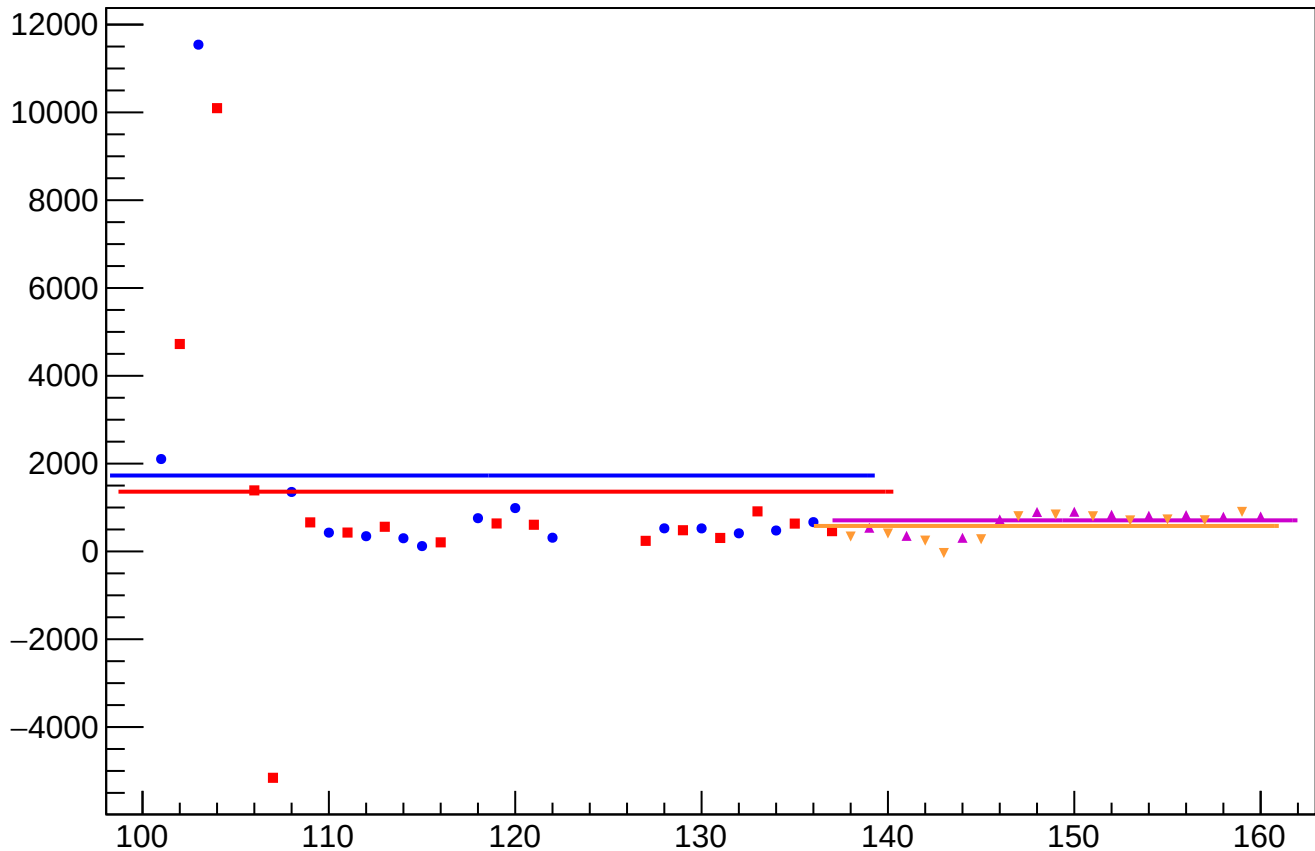
χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

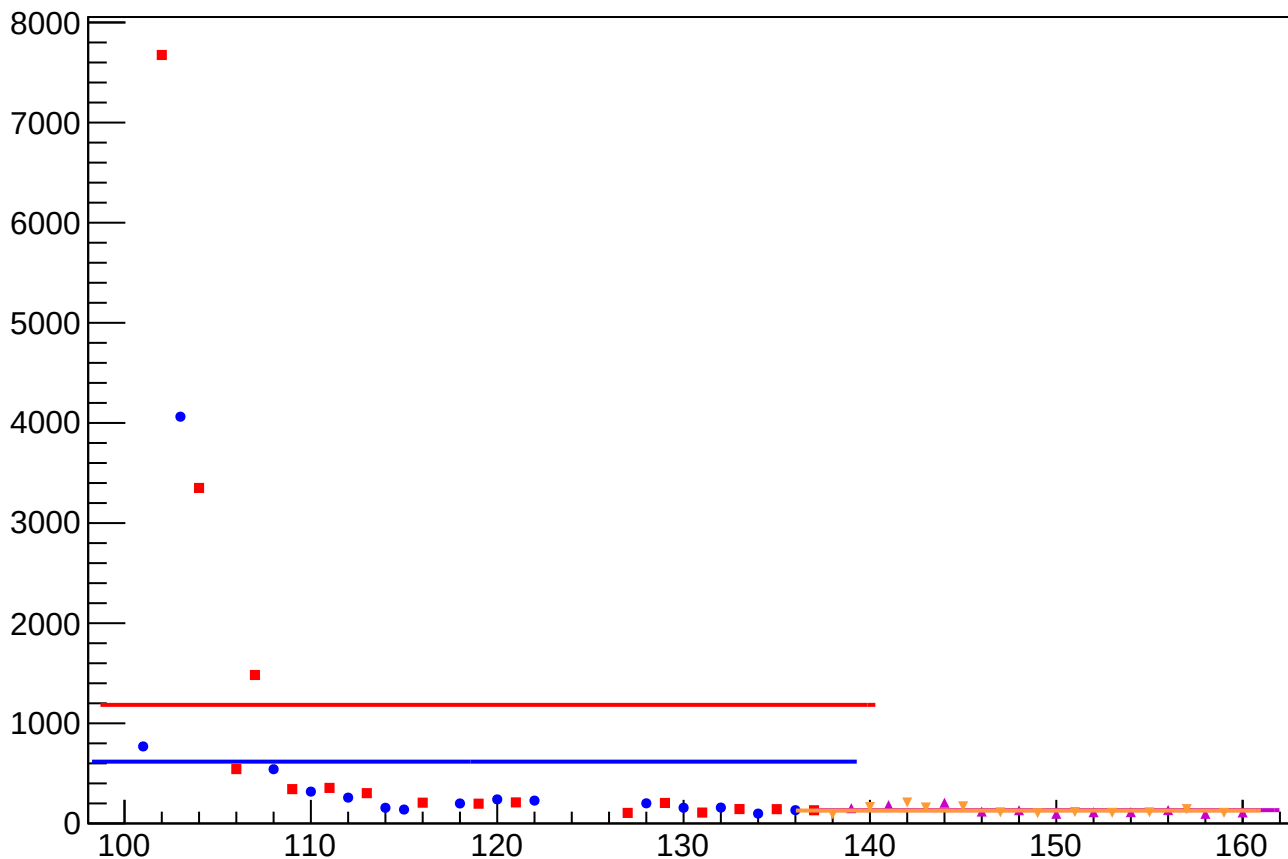
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_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
 All: 1018.700+/-0.000 χ^2/NDF : 13624809932
 + sign 1056.333+/-0.000 χ^2/NDF : 69854955946737
 - sign 981.659+/-0.000 χ^2/NDF : 663491357929352

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

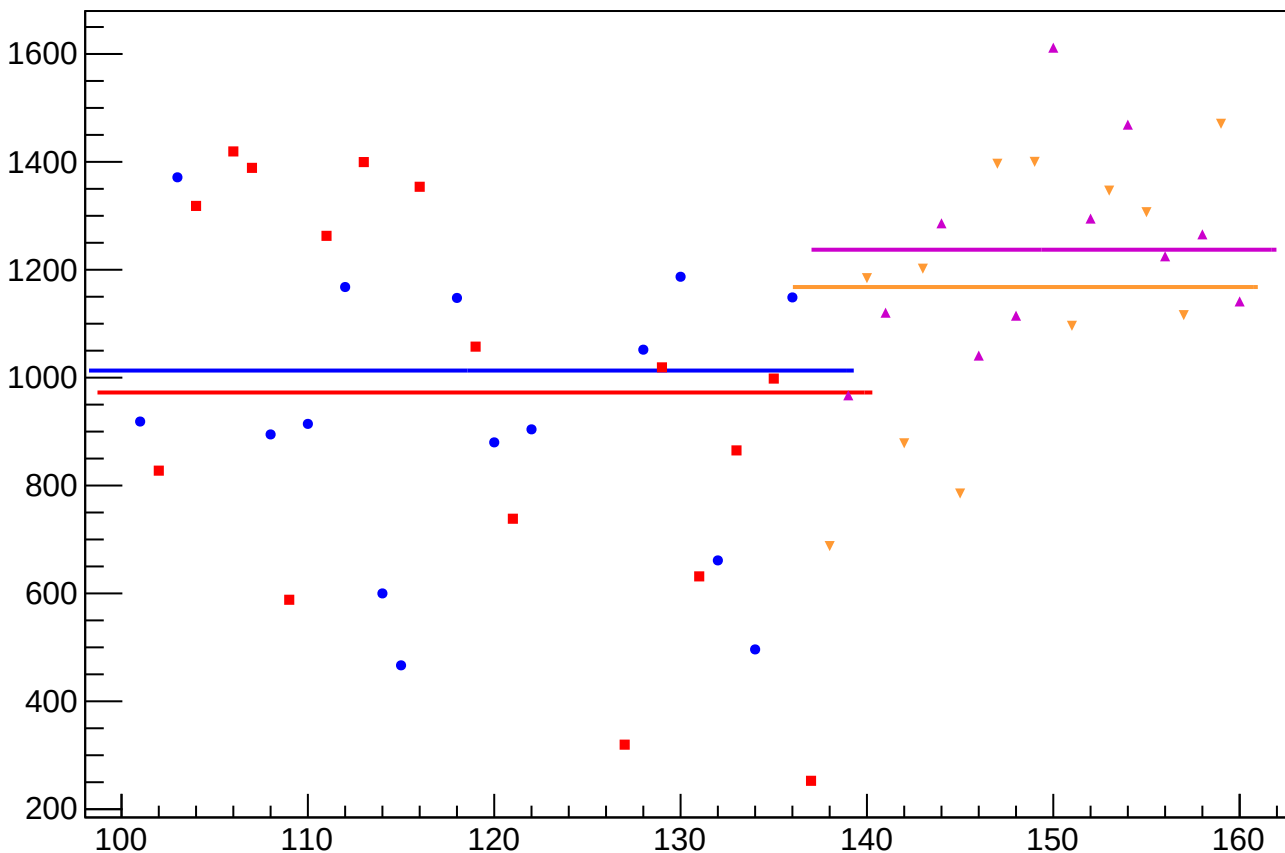
Left Out: 128.916+/-0.000 χ^2/NDF : 946446281889996410736335590619348992.0/11

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

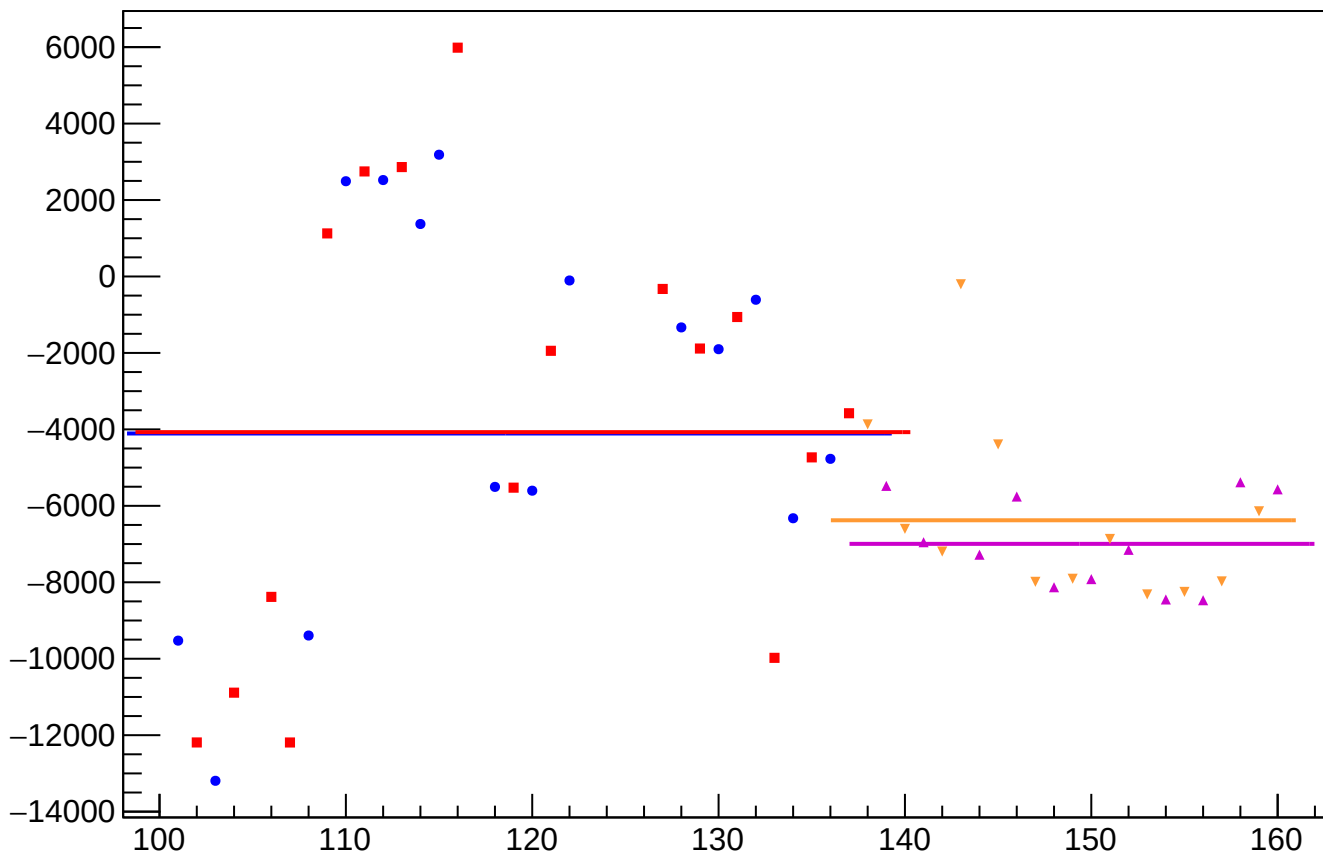
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

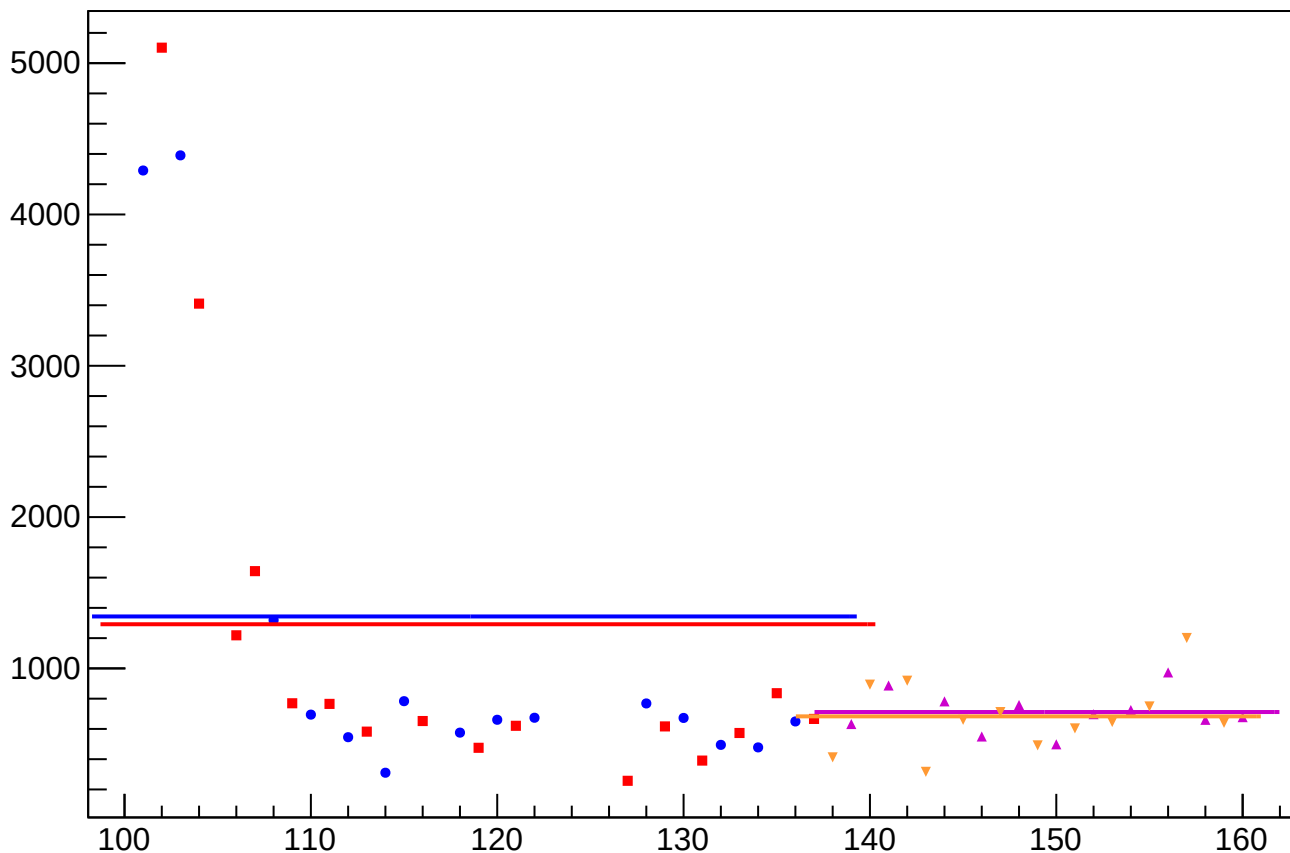
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atl2_coil6_mean vs Slug



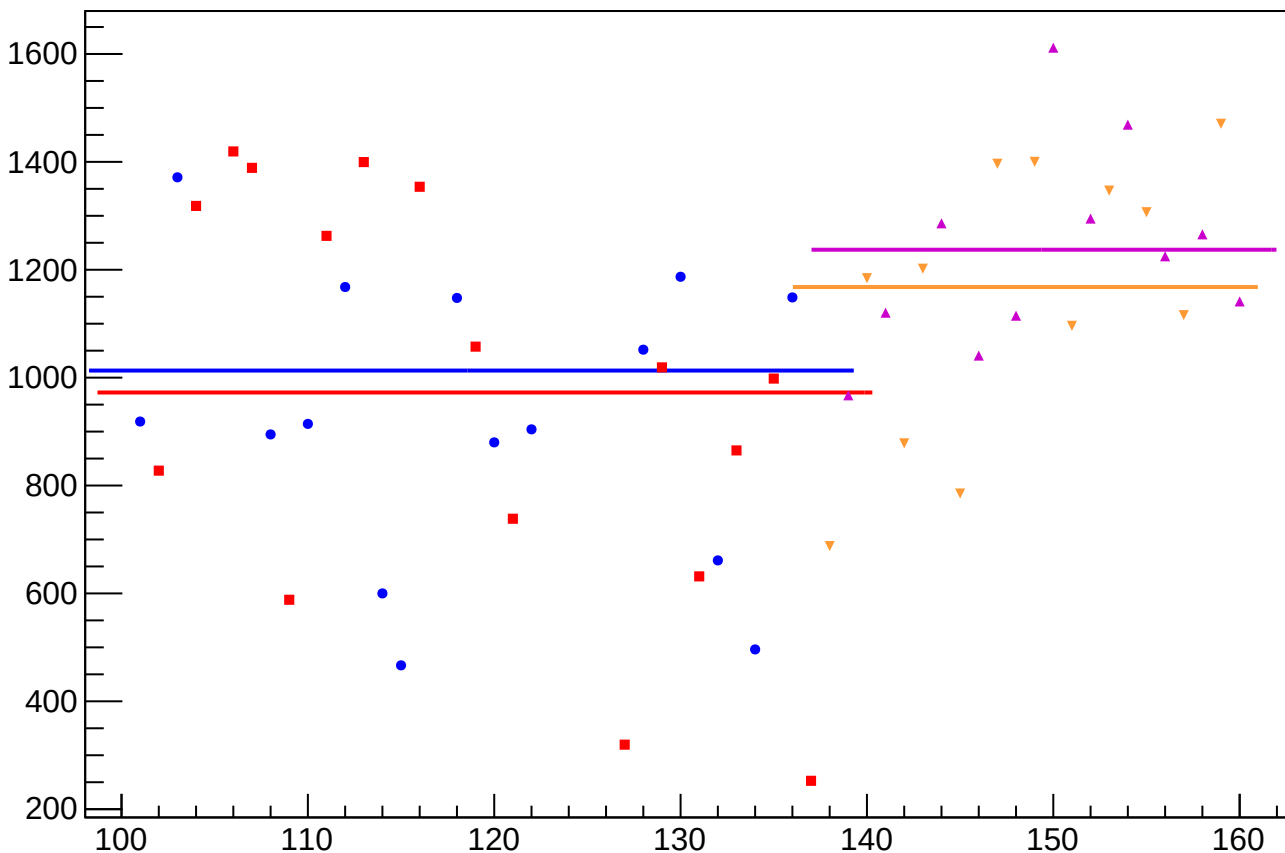
Right In: -4107.443 ± 0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -6377.972 ± 0.000 χ^2/NDF : 4622591154954588275207693526333594271744.0/11
 Right Out: -4072.120 ± 0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: -6994.812 ± 0.000 χ^2/NDF : 1231738289385705389055875270097690951680.0/10
 All: -5604.574 ± 0.000 χ^2/NDF : 4610437232
 + sign -5436.993 ± 0.000 χ^2/NDF : 2110921720753
 - 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

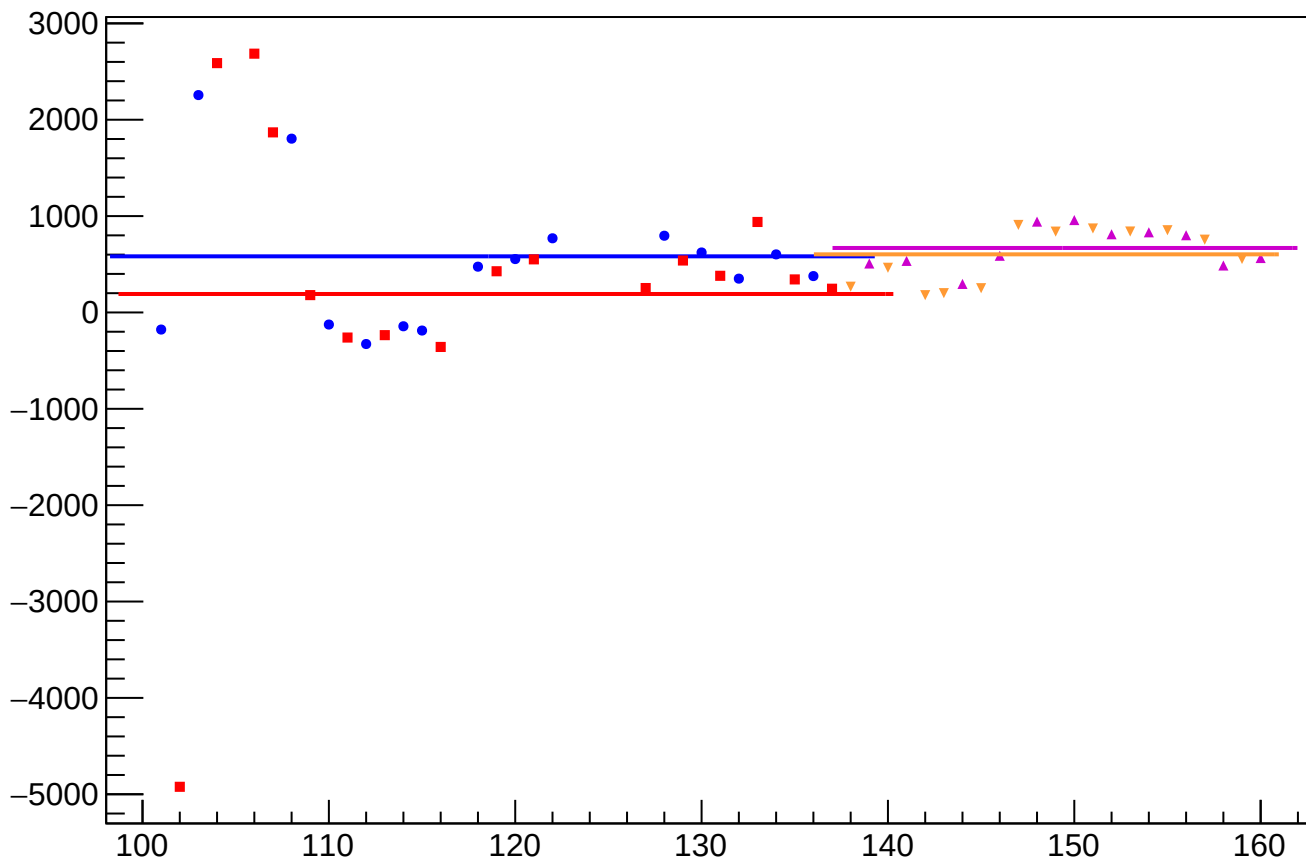
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

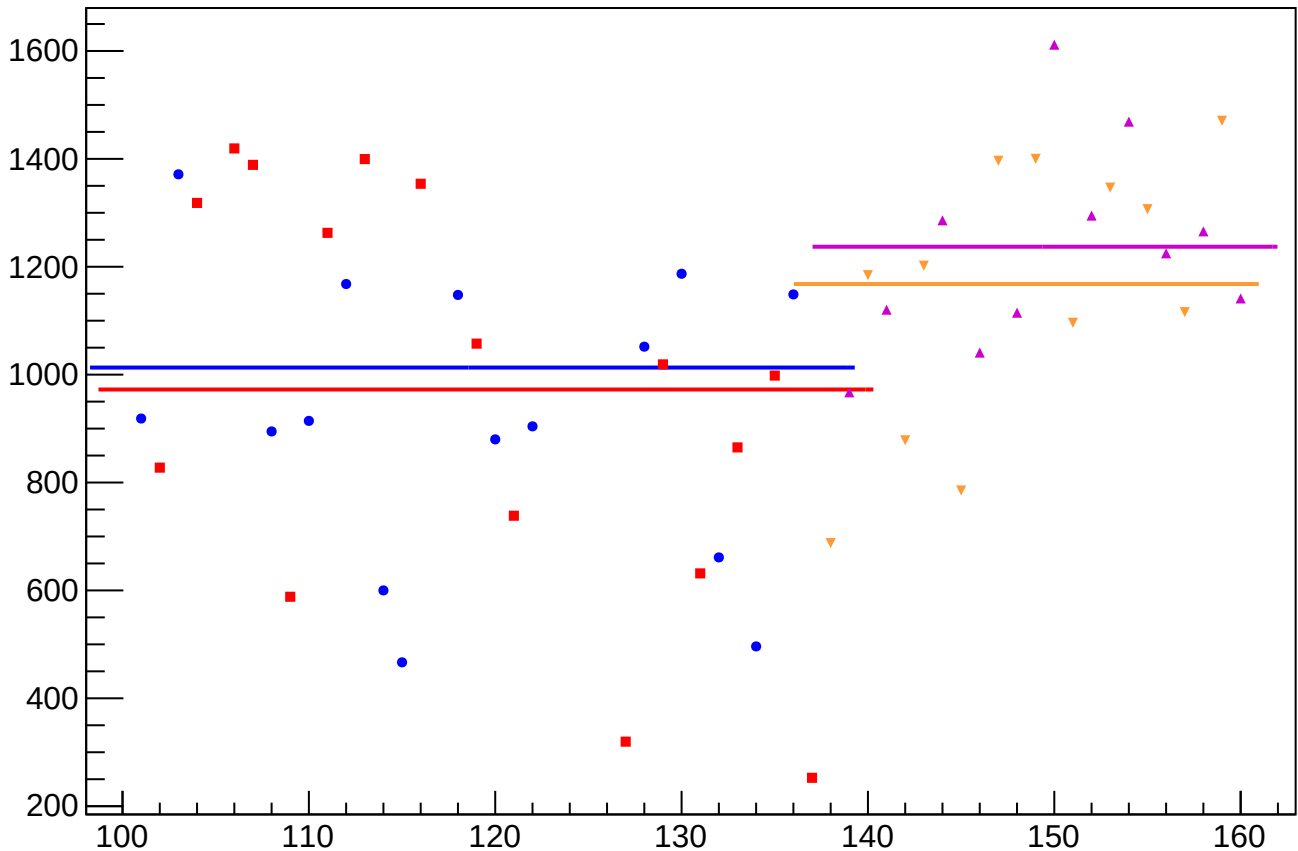
Left Out: 141.867+/-0.000 χ^2/NDF : 675701485078594006846282081211777024.0/11

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

All: 375.544+/-0.000 χ^2/NDF : 325911775332

dit_atr1_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

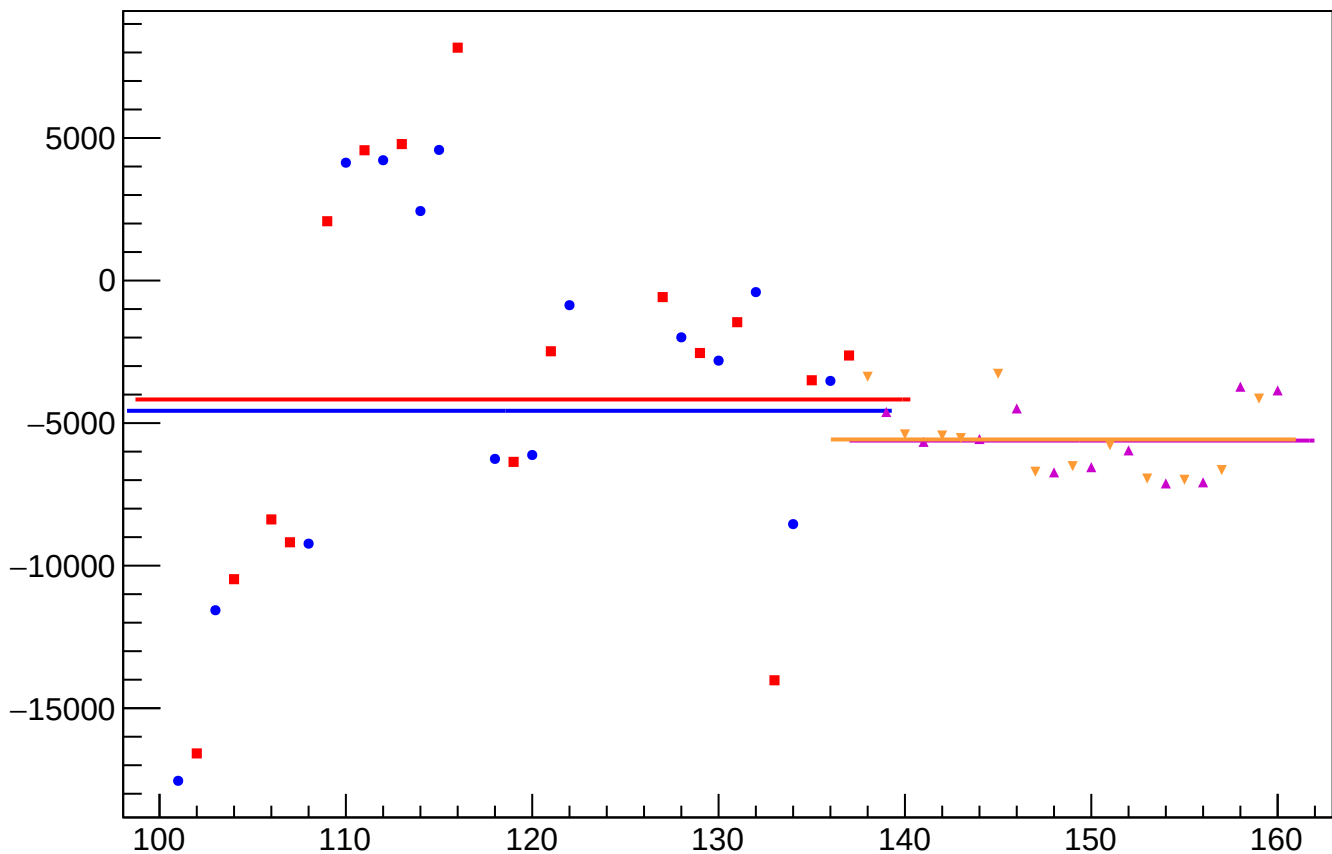
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

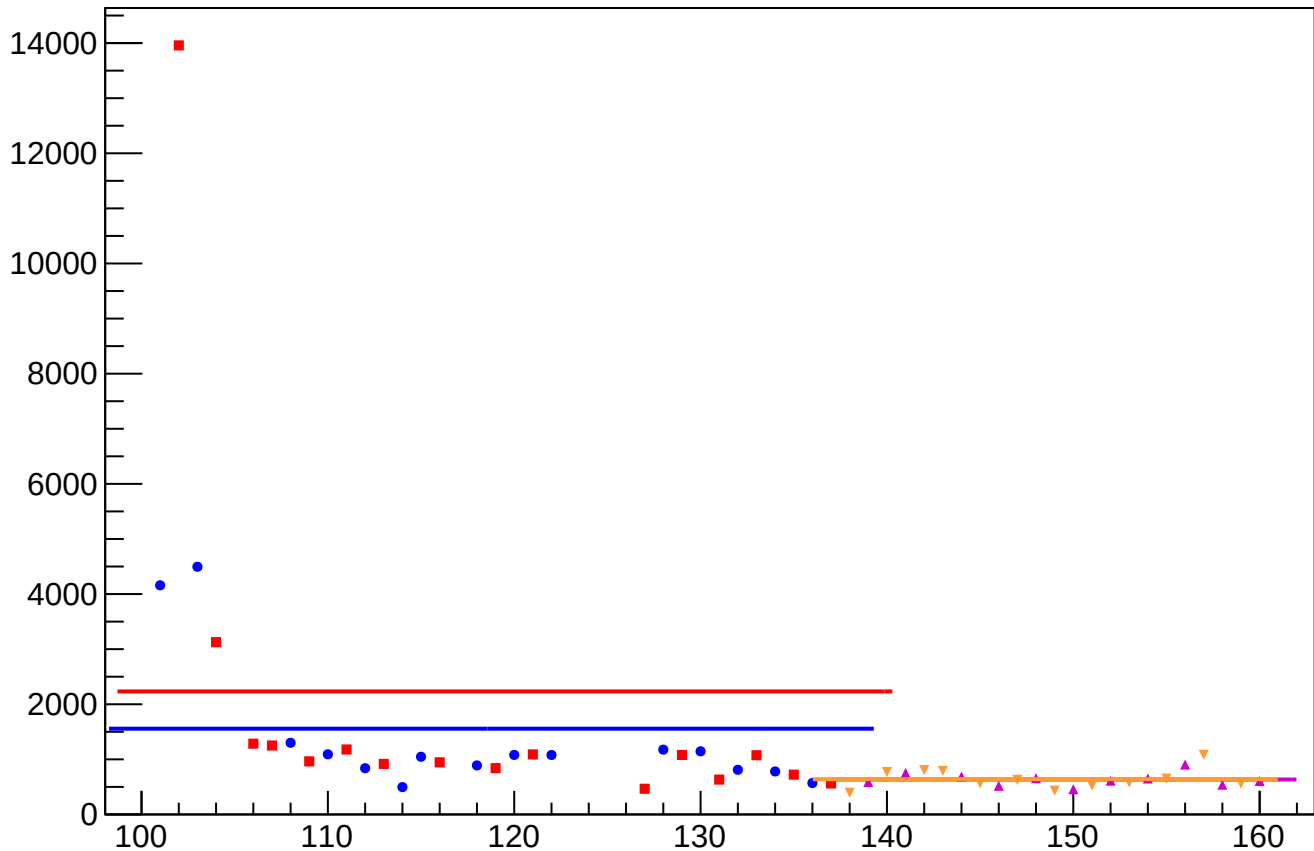
dit_atr2_coil6_mean vs Slug



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

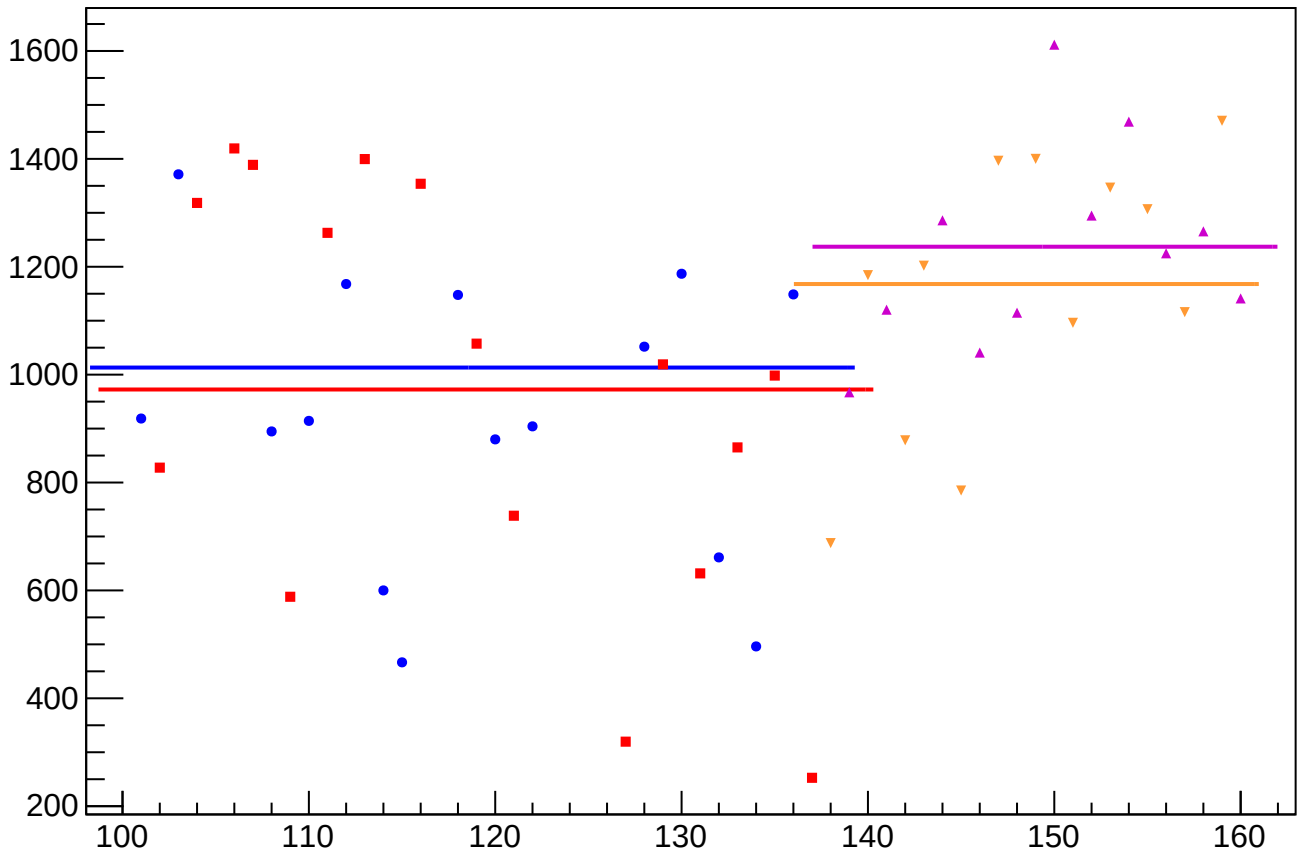
+ sign -5157.241+/-0.000 χ^2/NDF : 2614216939022
 All: -5082.223+/-0.000 χ^2/NDF : 5920488345
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

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

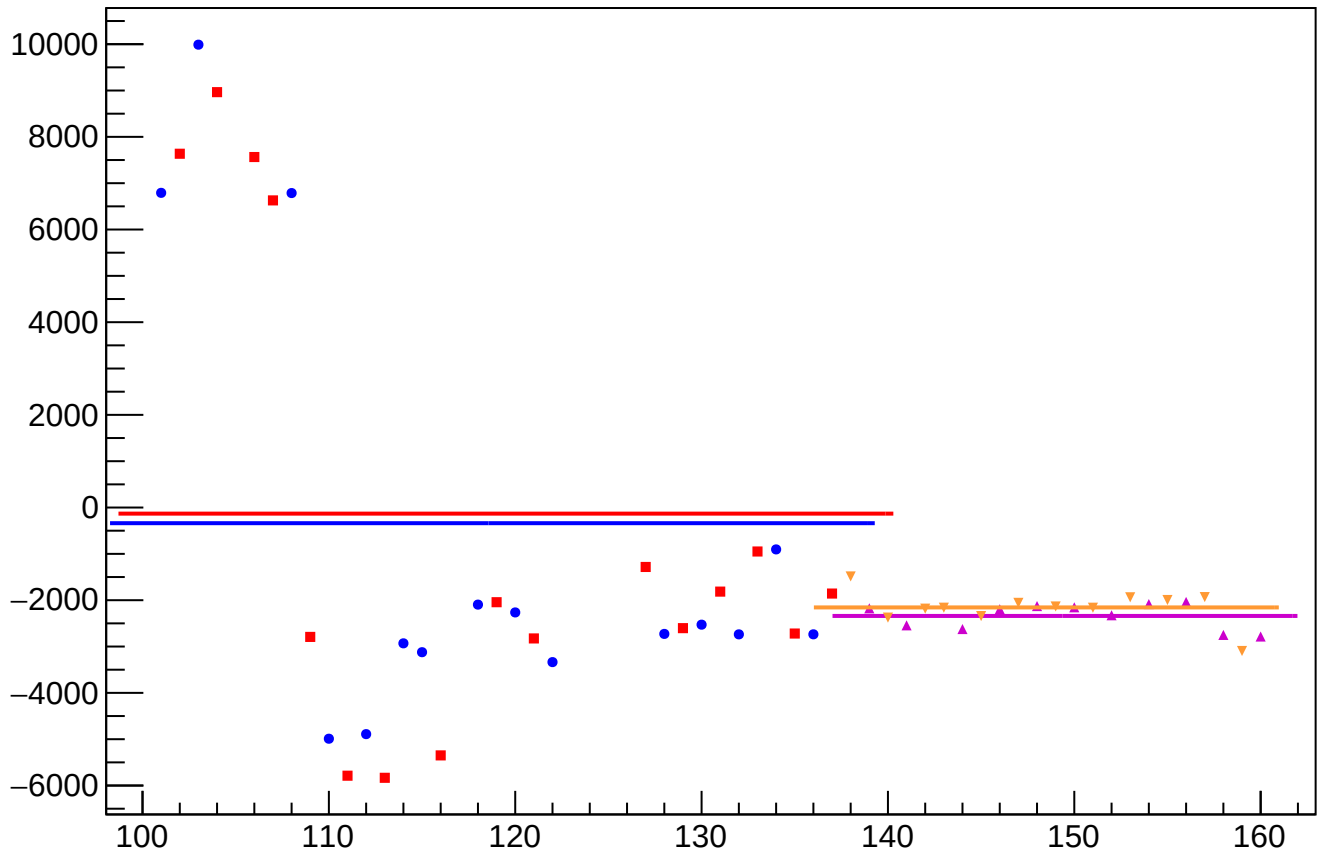
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

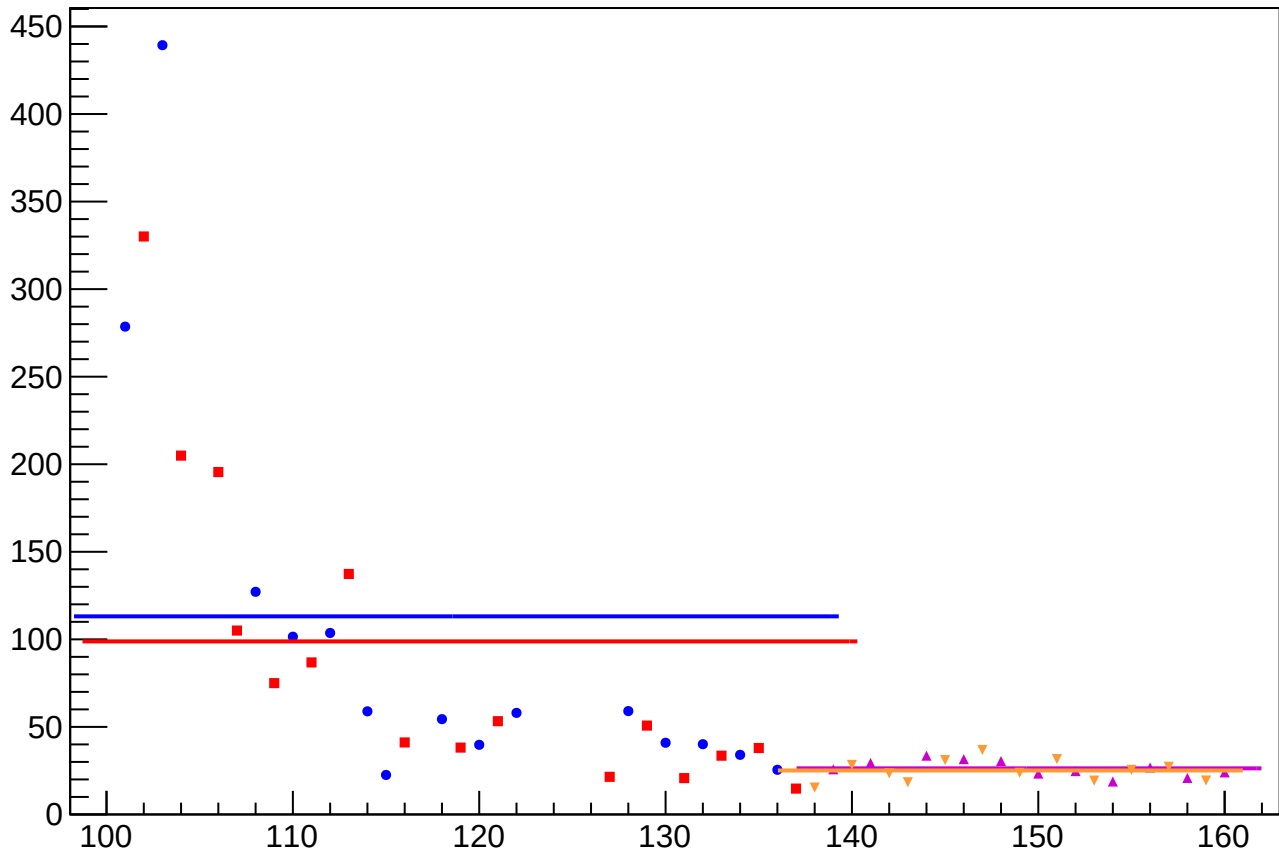
Left In: -2339.639+/-0.000 χ^2/NDF : 62860144247456957543810906284181422080.0/10

+ sign -1402.379+/-0.000 χ^2/NDF : 1653167827528

All: -1408.202+/-0.000 χ^2/NDF : 3495655876

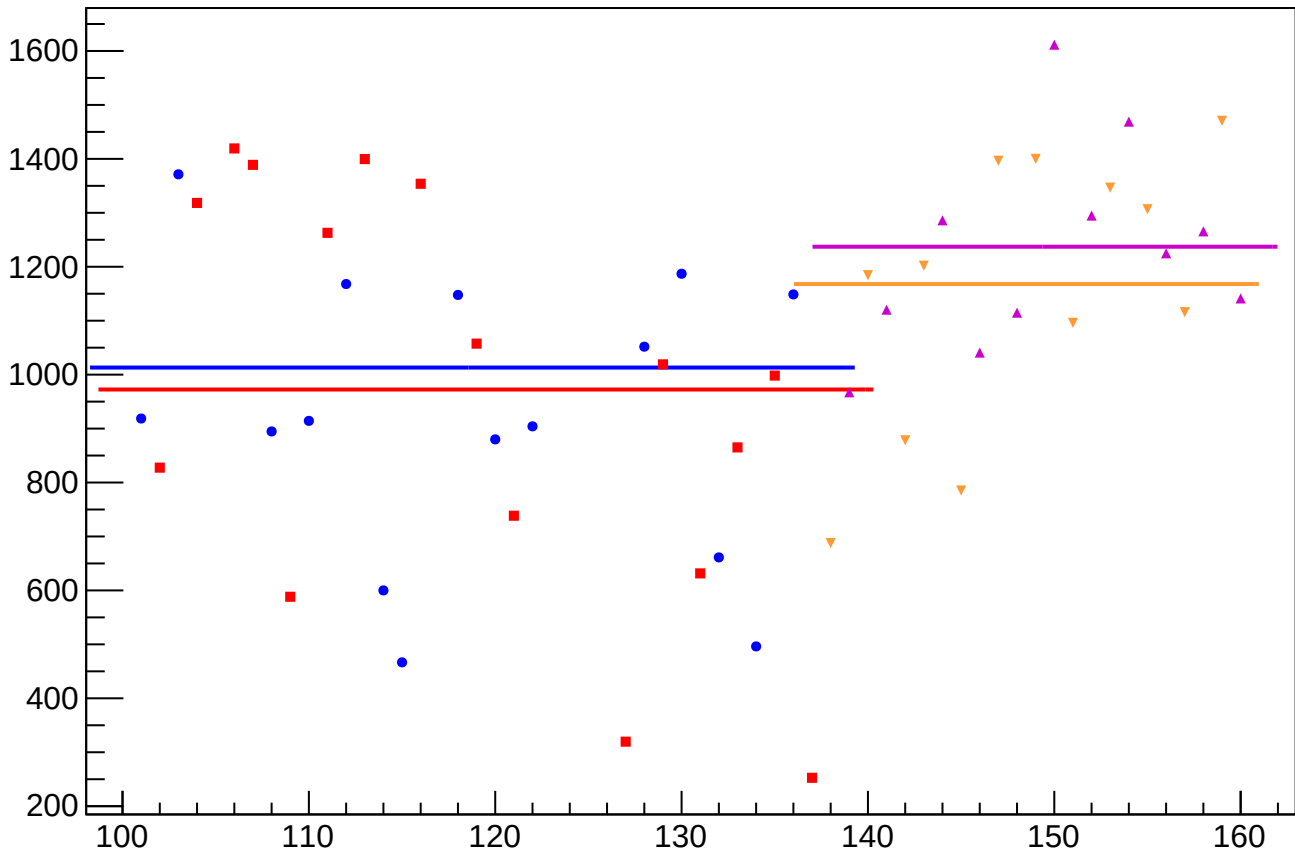
- sign -1413.933+/-0.000 χ^2/NDF : 18424775138160

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

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

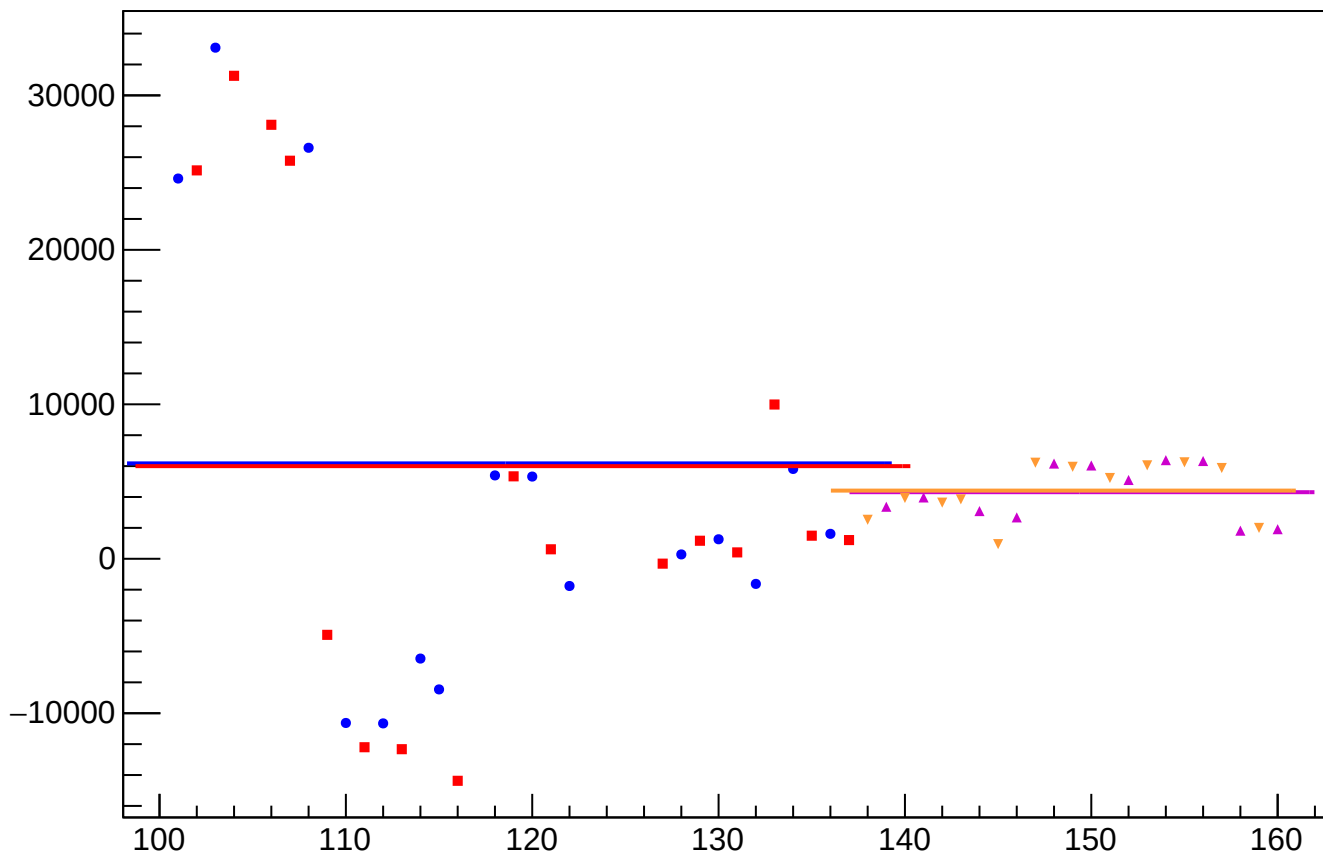
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

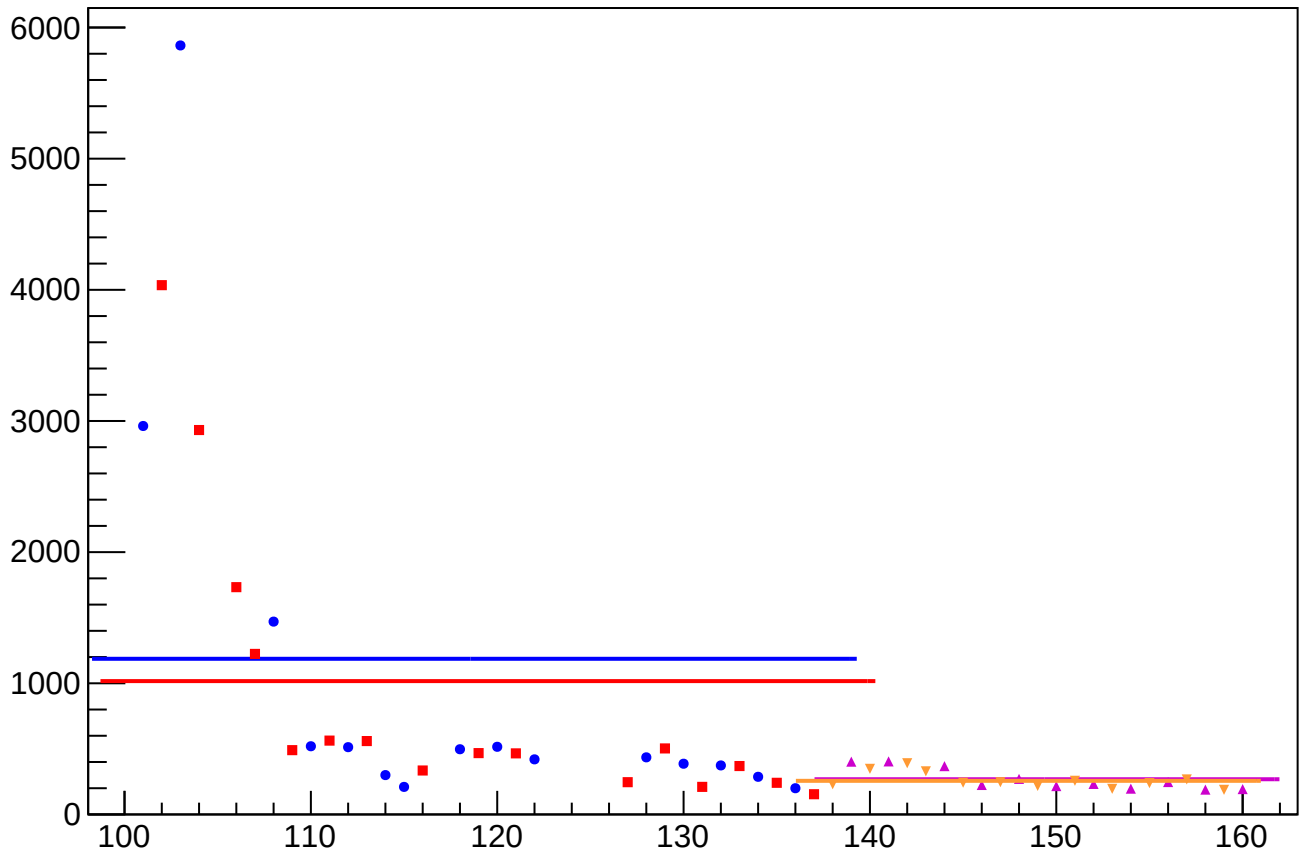
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam2_coil6_mean vs Slug



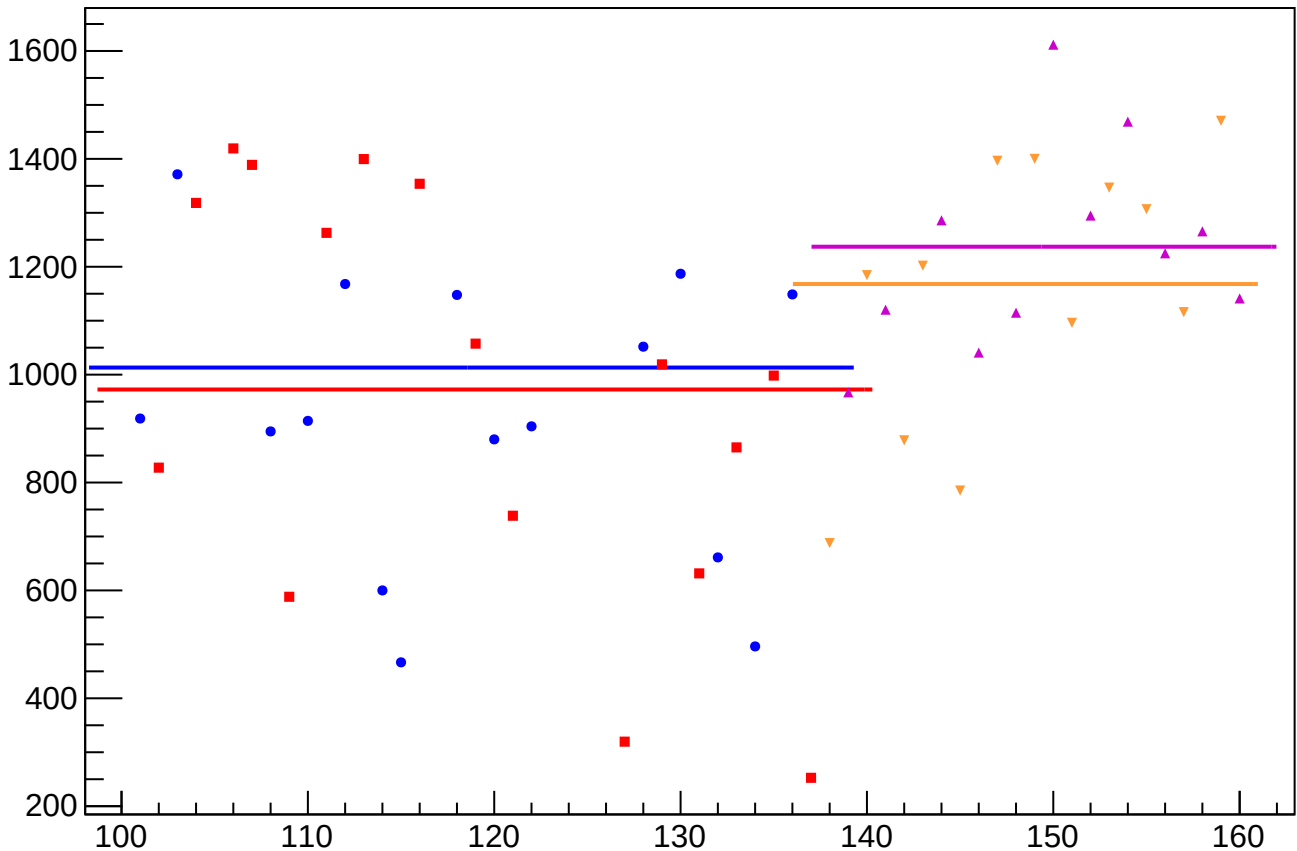
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4413.614+/-0.000 χ^2/NDF : 2955972864027480615108884679842756296704.0/11
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4310.541+/-0.000 χ^2/NDF : 2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 256.413+/-0.000 χ^2/NDF : 2796377992740210527233445839838904320.0/11
 Right Out: 1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: 268.493+/-0.000 χ^2/NDF : 5855734975706547823556607966386847744.0/10

dit_sam2_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

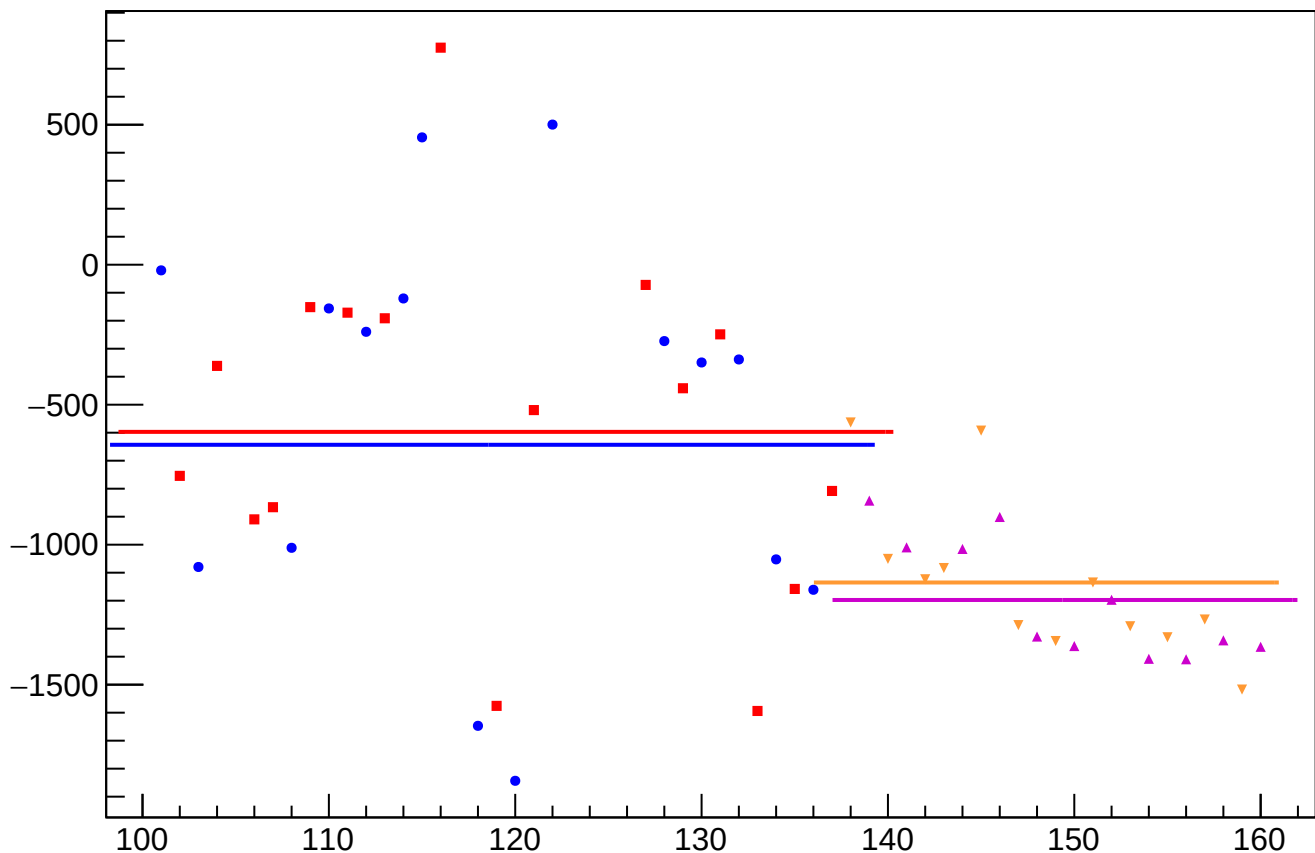
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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_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

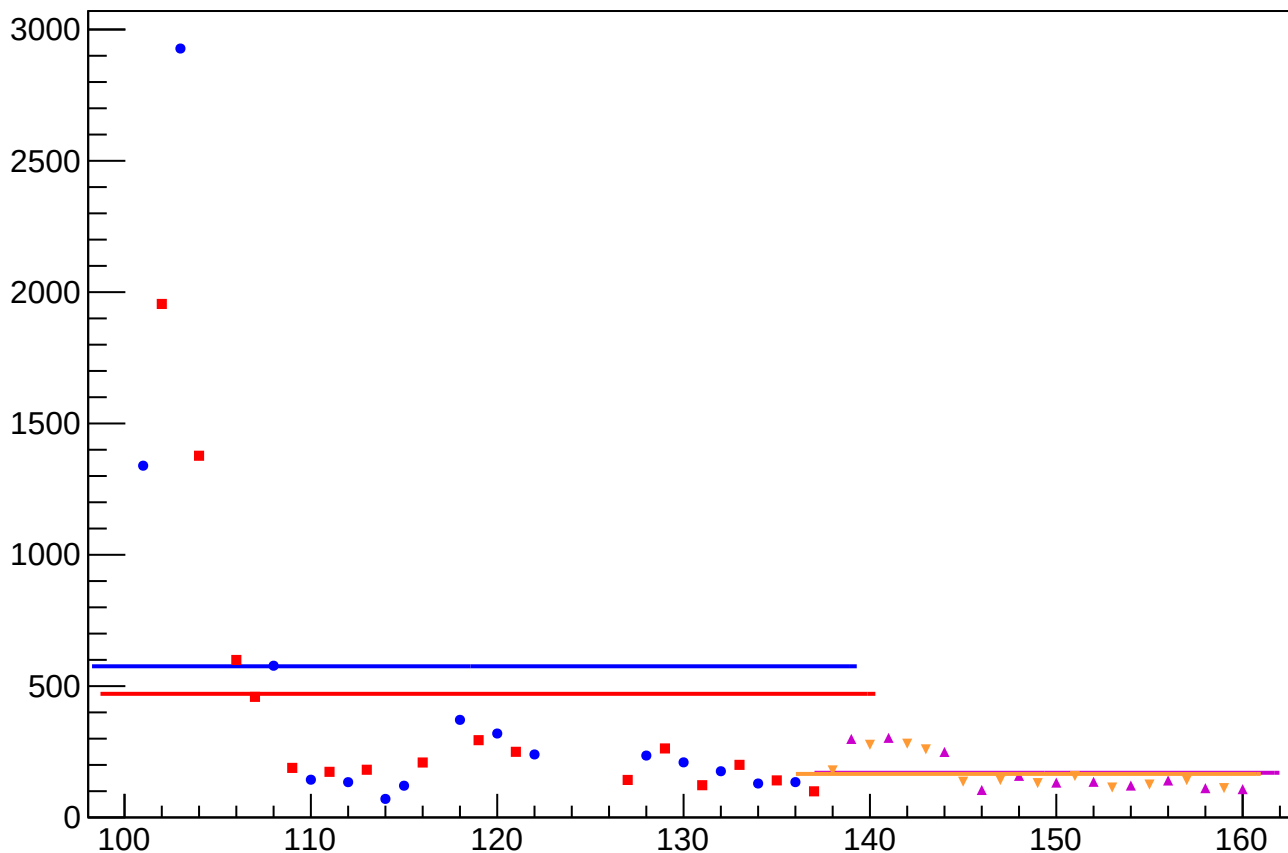
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ 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

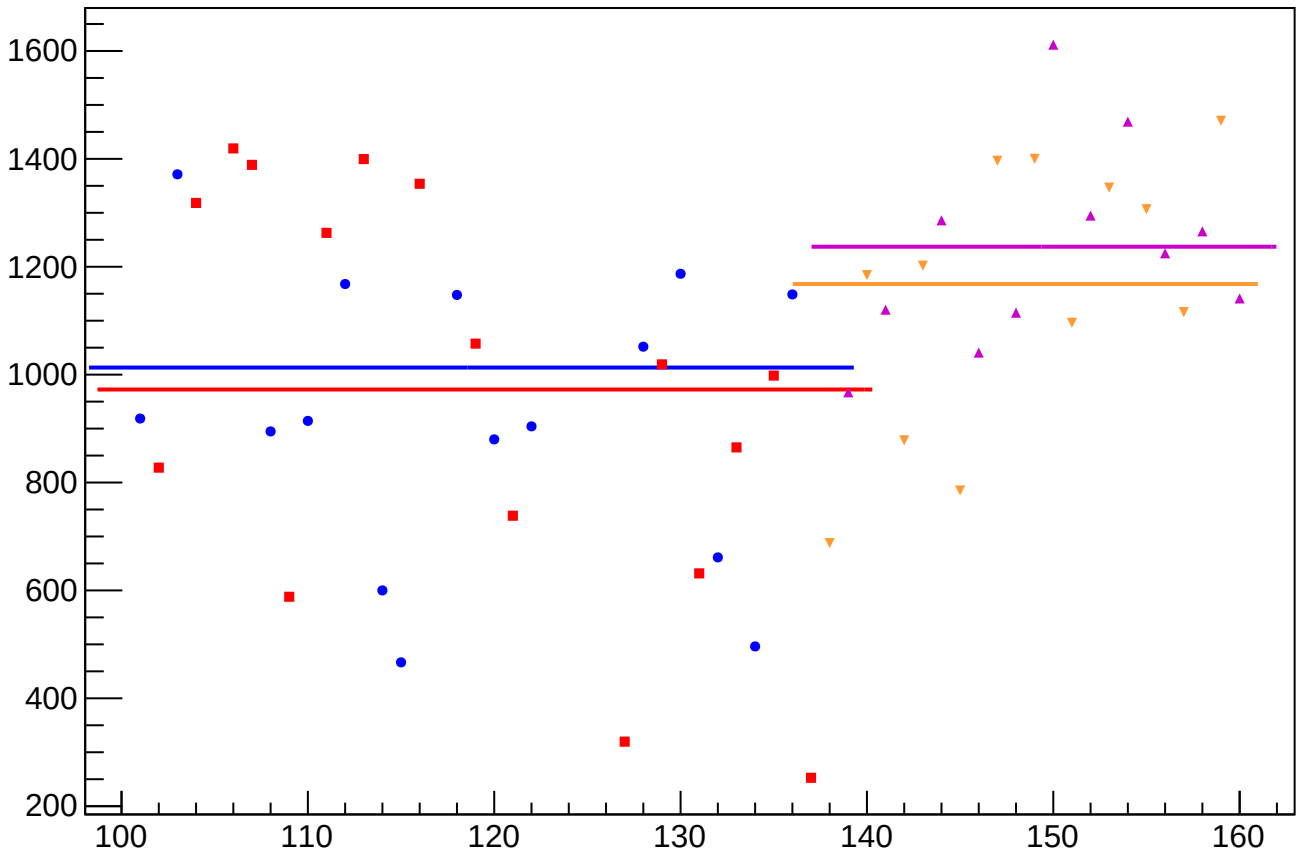
Left In: 170.082 ± 0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

+ sign 335.612 ± 0.000 χ^2/NDF : 499551292121539

All: 315.709 ± 0.000 χ^2/NDF : 74995493636

- 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

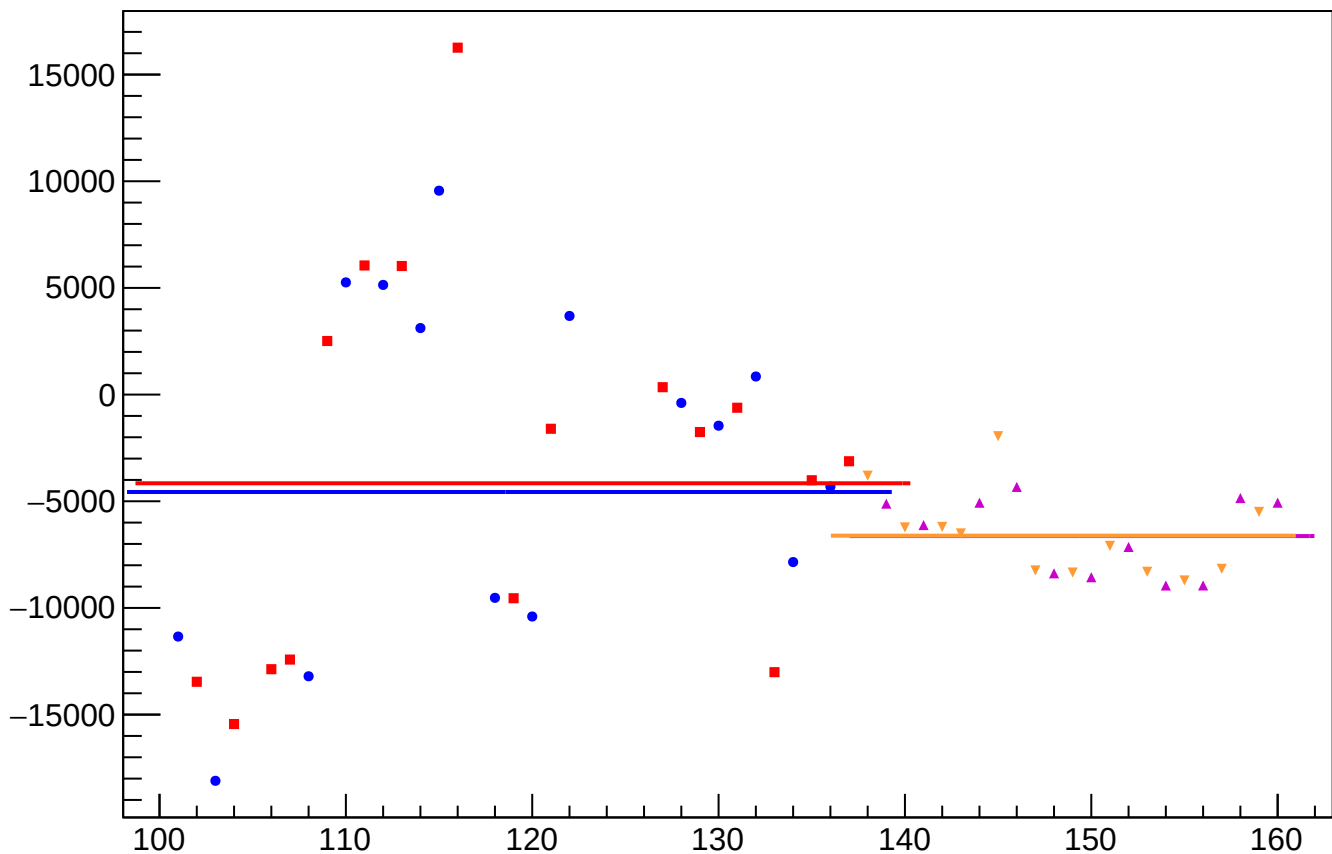
χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

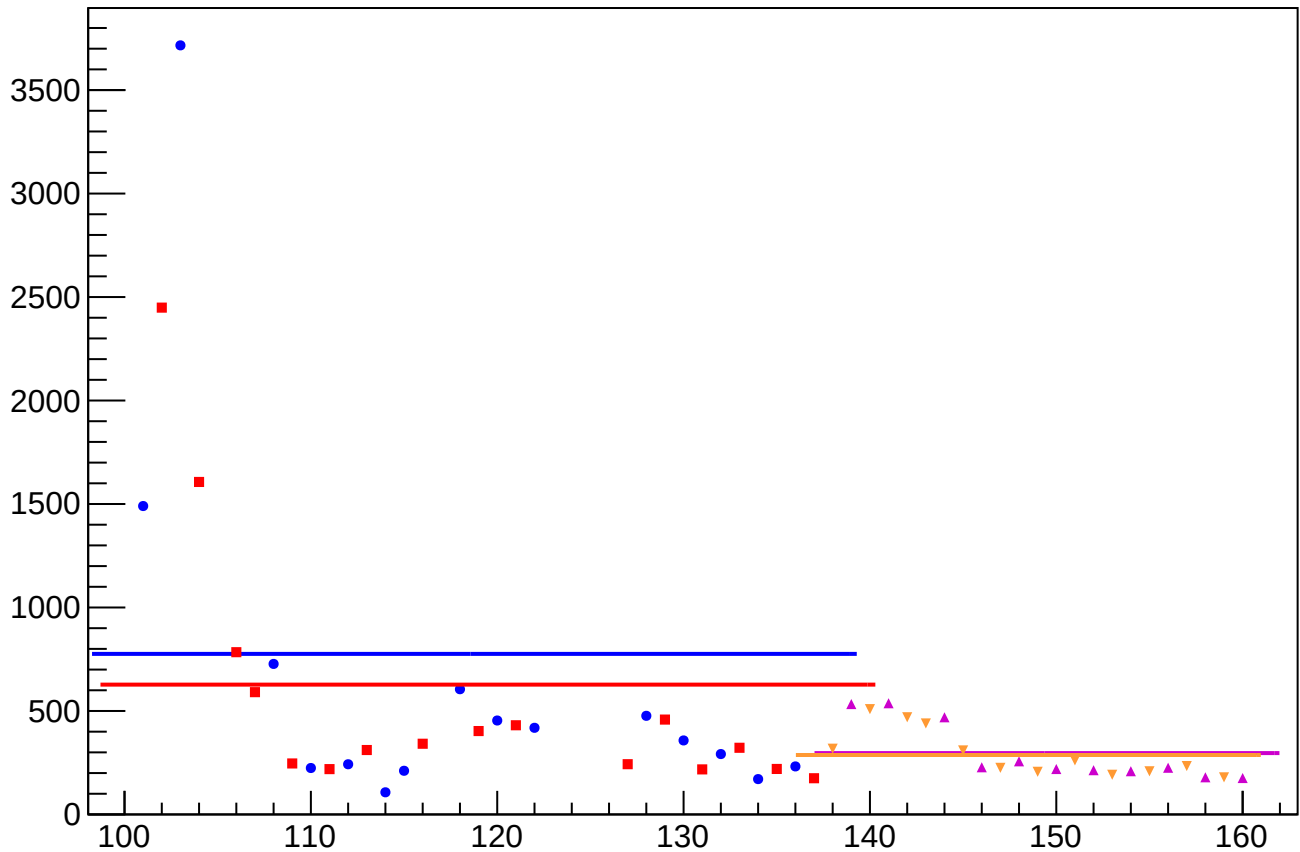
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam4_coil6_mean vs Slug



Right In: -4565.412 ± 0.000 $\chi^2/\text{NDF}: 35667768247432289984899042725155487875072.0/14$
 Left Out: -6612.752 ± 0.000 $\chi^2/\text{NDF}: 3759909720266492863199038301551573598208.0/11$
 Right Out: -4156.859 ± 0.000 $\chi^2/\text{NDF}: 45539455441659927157708443099930682195968.0/15$
 Left In: -6631.377 ± 0.000 $\chi^2/\text{NDF}: 2831140540306304869921468245145345327104.0/10$

dit_sam4_coil6_err_mean vs Slug



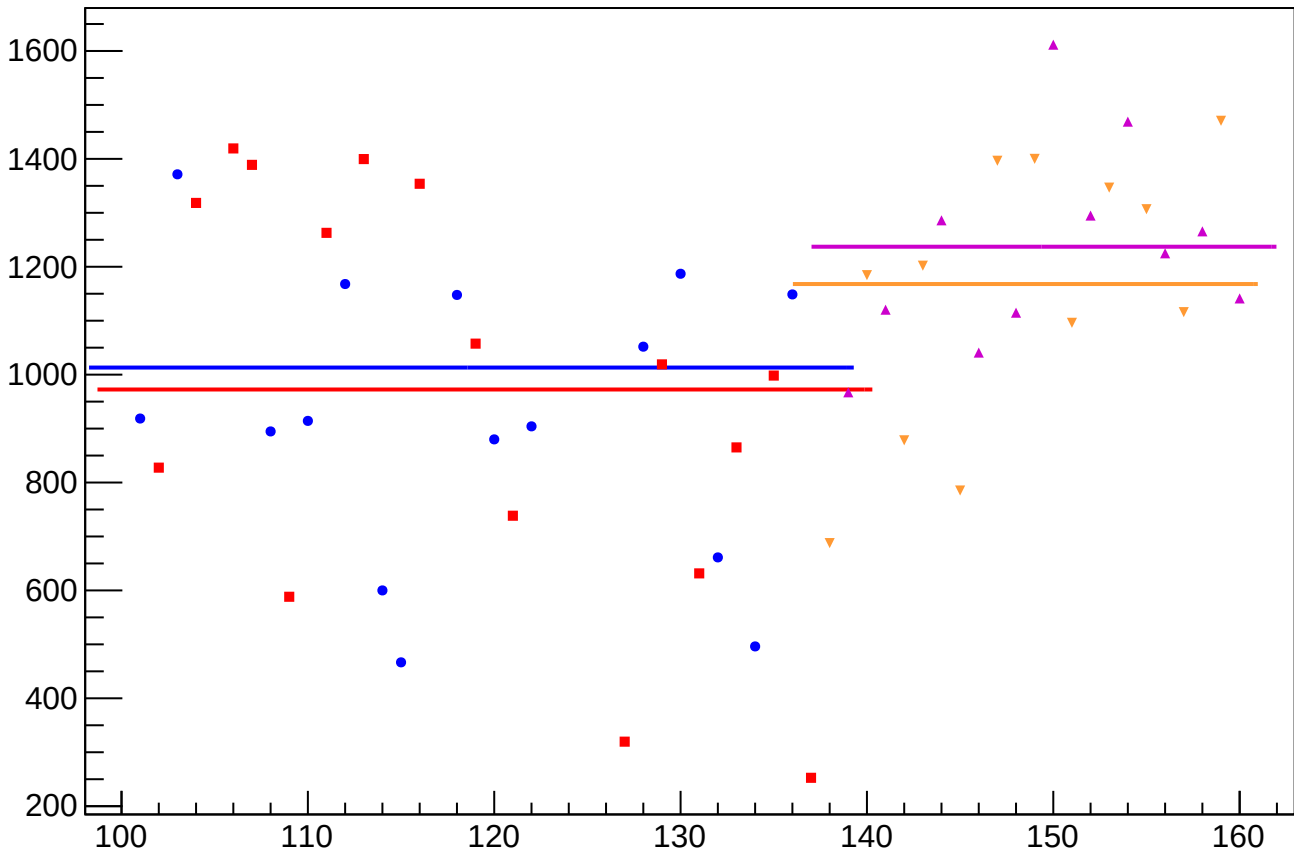
Right In: 775.824+/-0.000	χ^2/NDF : 641856726975740612716432458612629045248.0/14
Left Out: 287.283+/-0.000	χ^2/NDF : 10557467074341773559479069744616701952.0/11
Right Out: 627.315+/-0.000	χ^2/NDF : 297517676171111924966086193860621369344.0/15
Left In: 296.514+/-0.000	χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 489.750+/-0.000 χ^2/NDF : 743117991938911

All: 462.257+/-0.000 χ^2/NDF : 11024358808

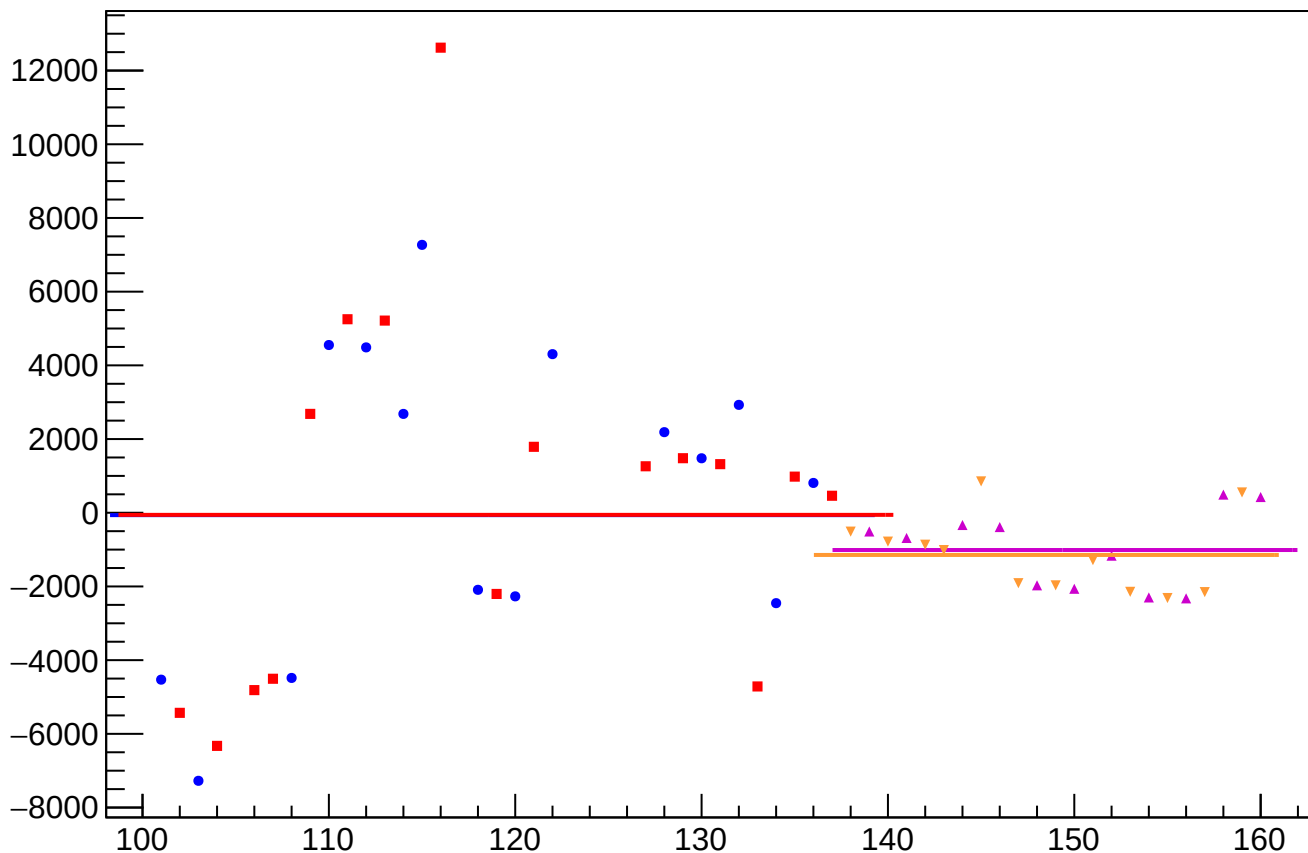
- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 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_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

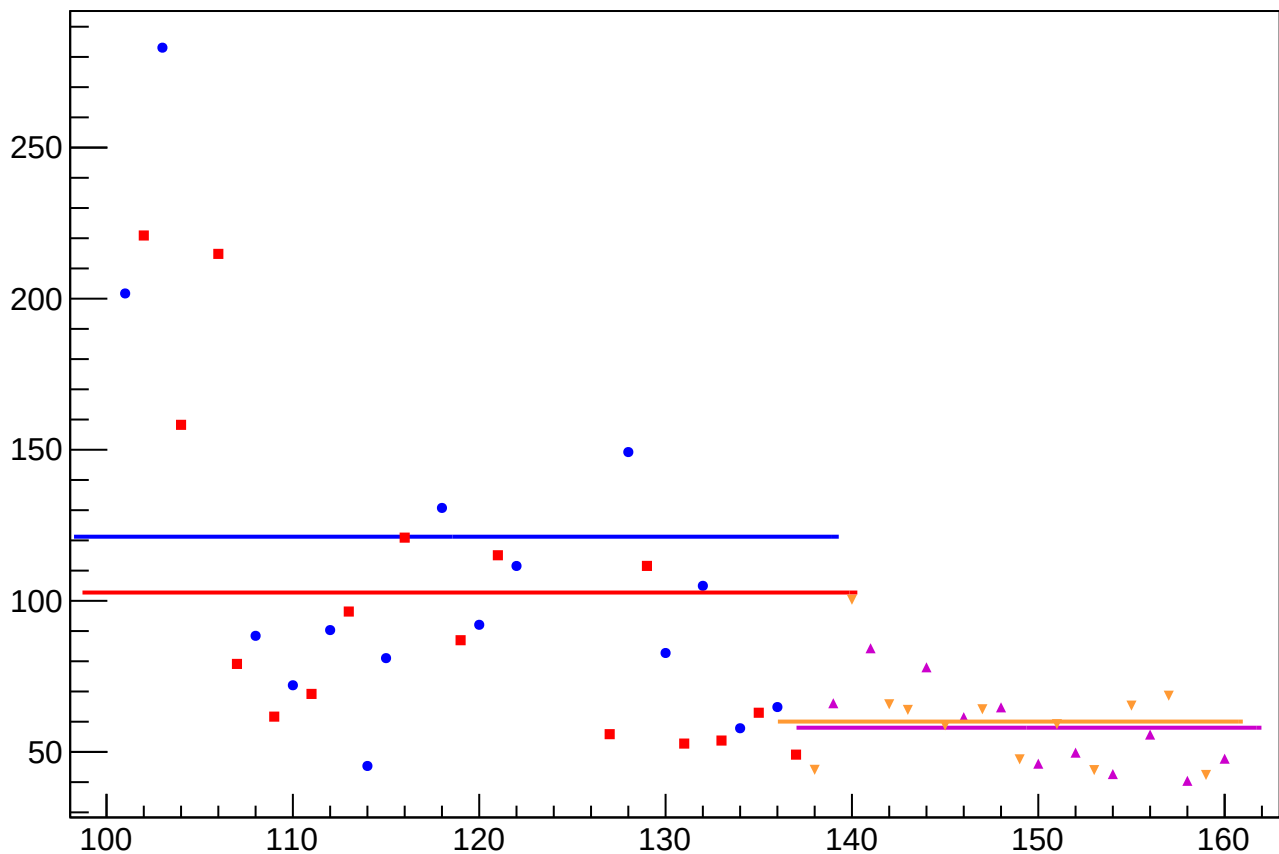
Left Out: -1145.277+/-0.000 χ^2/NDF : 979075596349520821974350897813840199680.0/11

Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: -1011.284+/-0.000 χ^2/NDF : 903909408421874171739001543159795679232.0/10

+ sign -697.473+/-0.000 χ^2/NDF : 11037002785957
 All: -654.052+/-0.000 χ^2/NDF : 26080323896
 - sign -611.312+/-0.000 χ^2/NDF : 150374623927280

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14

+ sign 85.399 $\pm$ 0.000 χ^2 /NDF: 4371083748180791

Left Out: 60.042 $\pm$ 0.000 χ^2 /NDF: 225194152627424805036116621962248192.0/11

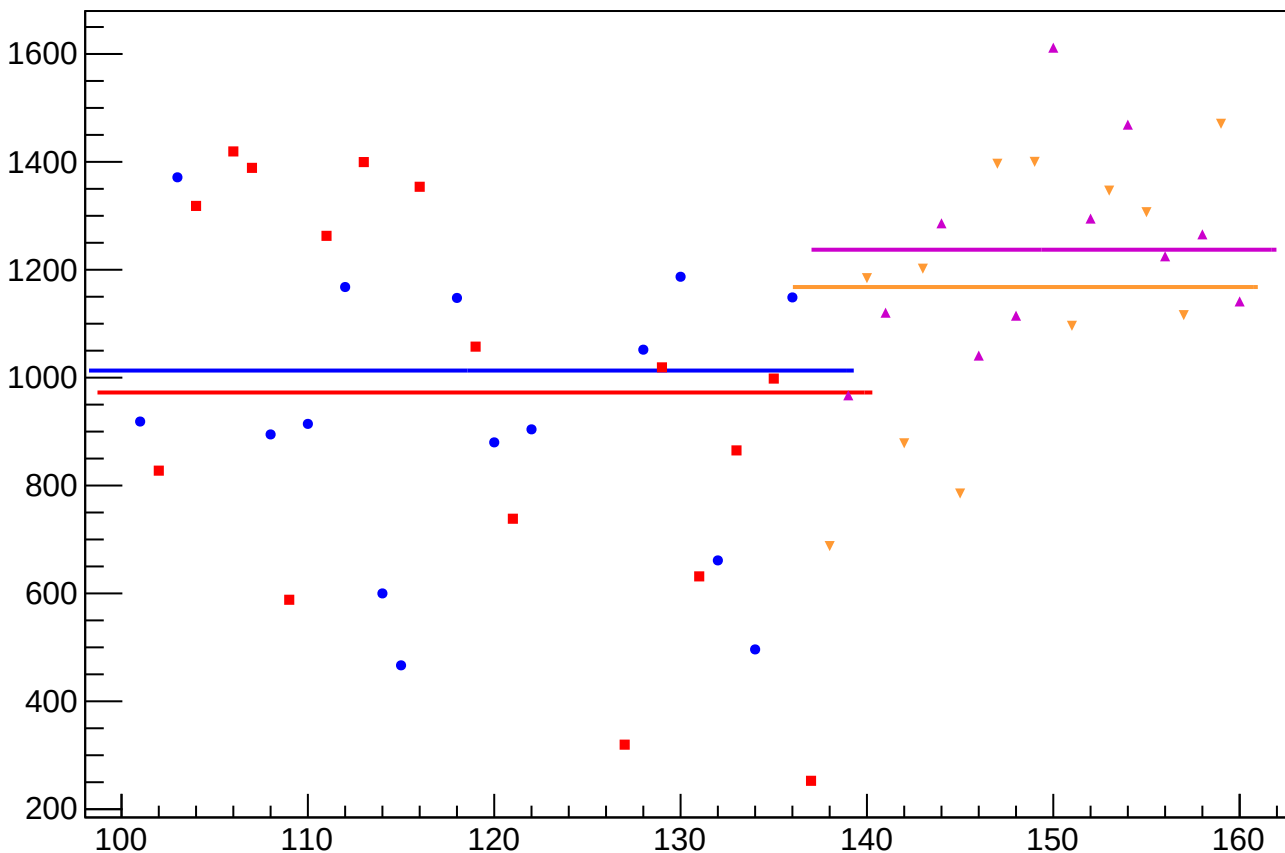
All: 81.049 $\pm$ 0.000 χ^2 /NDF: 7350332917808

Right Out: 102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15

- sign 76.766 $\pm$ 0.000 χ^2 /NDF: 2920429745013475

Left In: 58.011 $\pm$ 0.000 χ^2 /NDF: 177427701786540438757655027214450688.0/10

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

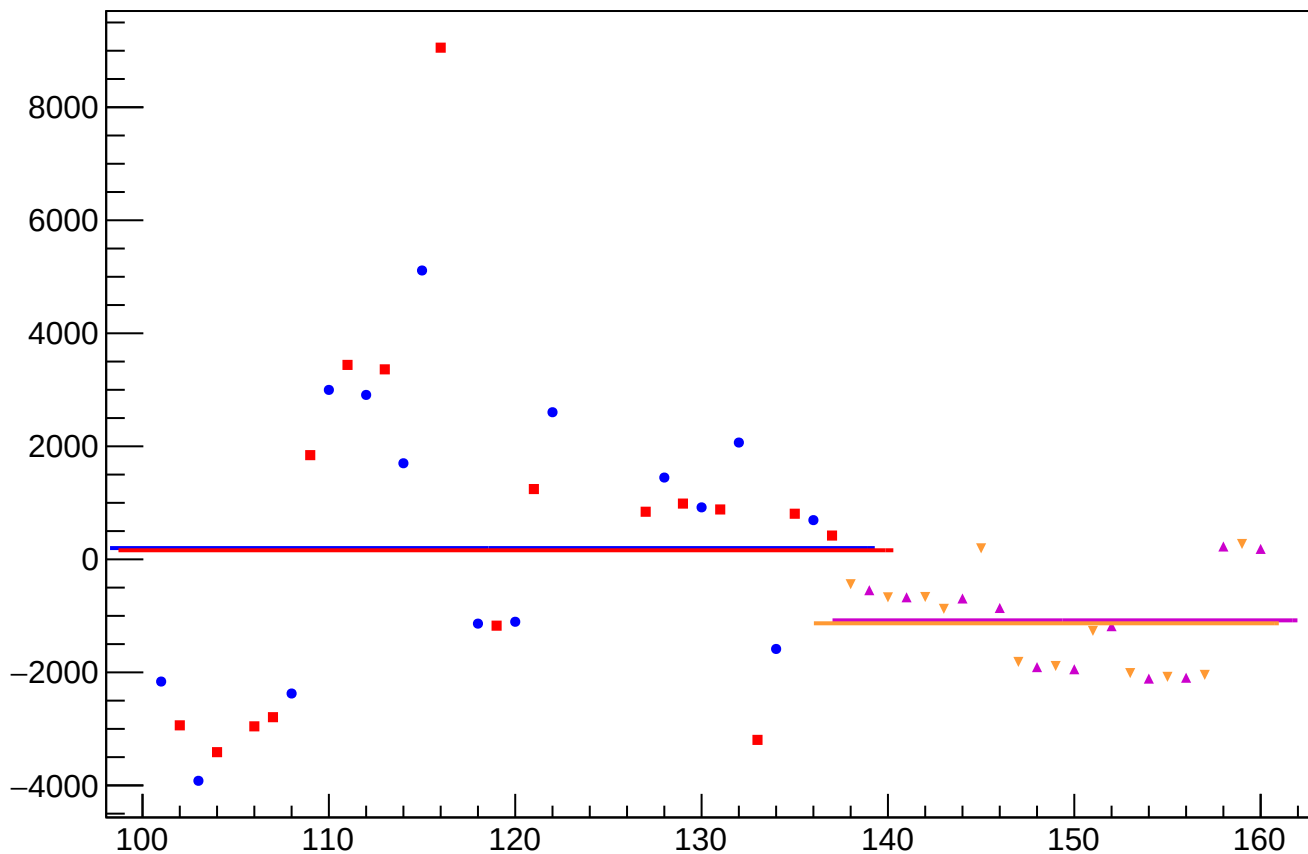
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

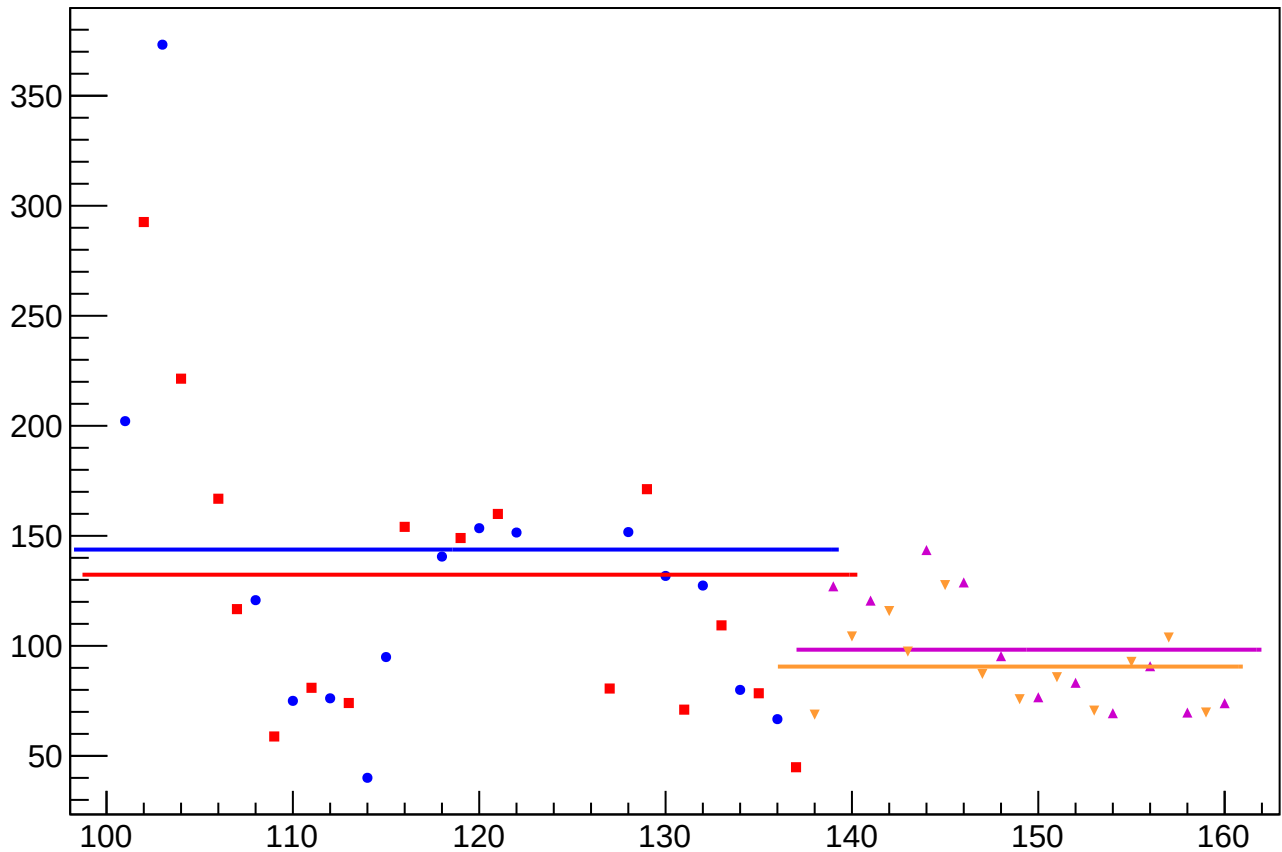
Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

All: -569.773+/-0.000 χ^2/NDF : 11491418228

- sign -559.678+/-0.000 χ^2/NDF : 689099774035240

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14

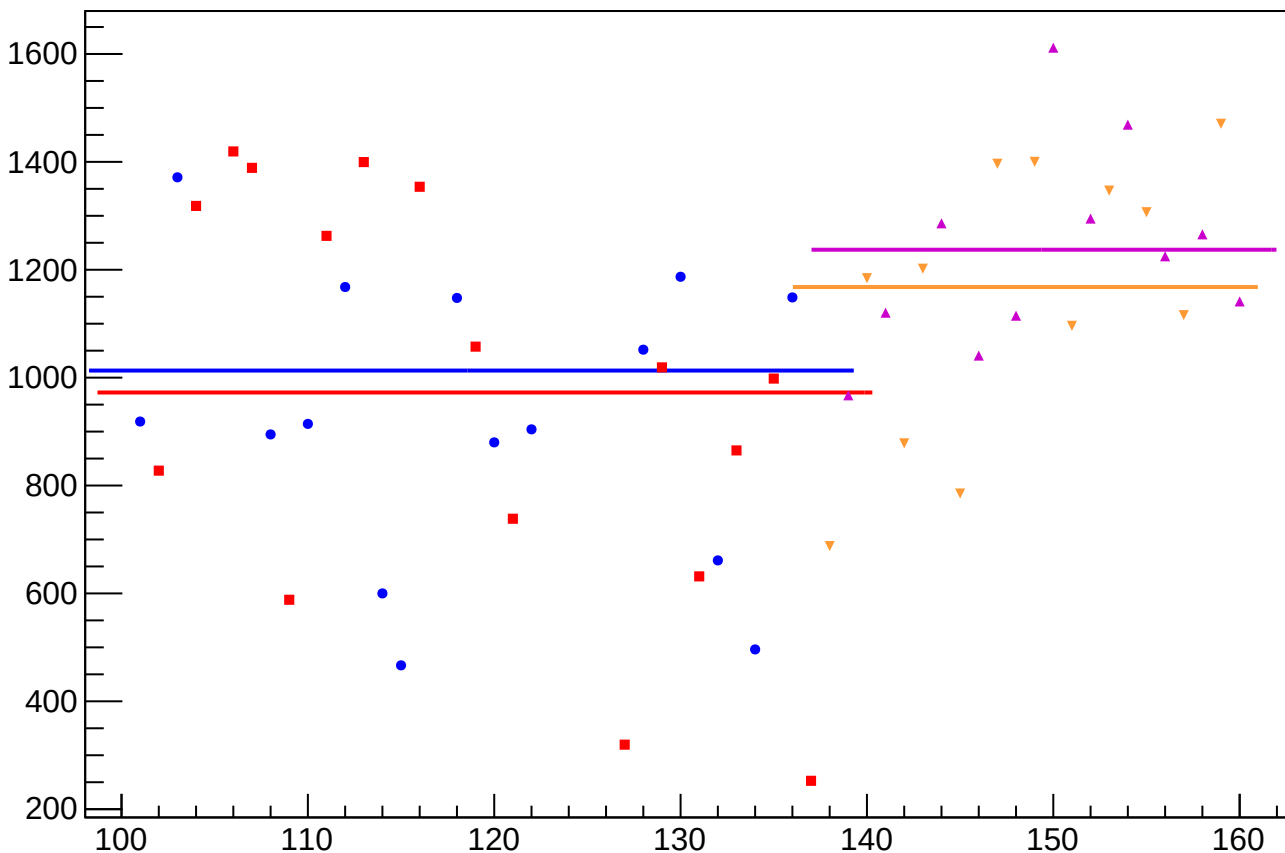
Left Out: 90.584 $\pm$ 0.000 χ^2 /NDF: 300208511037372941883923935499649024.0/11

Right Out: 132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15

Left In: 98.257 $\pm$ 0.000 χ^2 /NDF: 620993776773093393303369428470792192.0/10

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

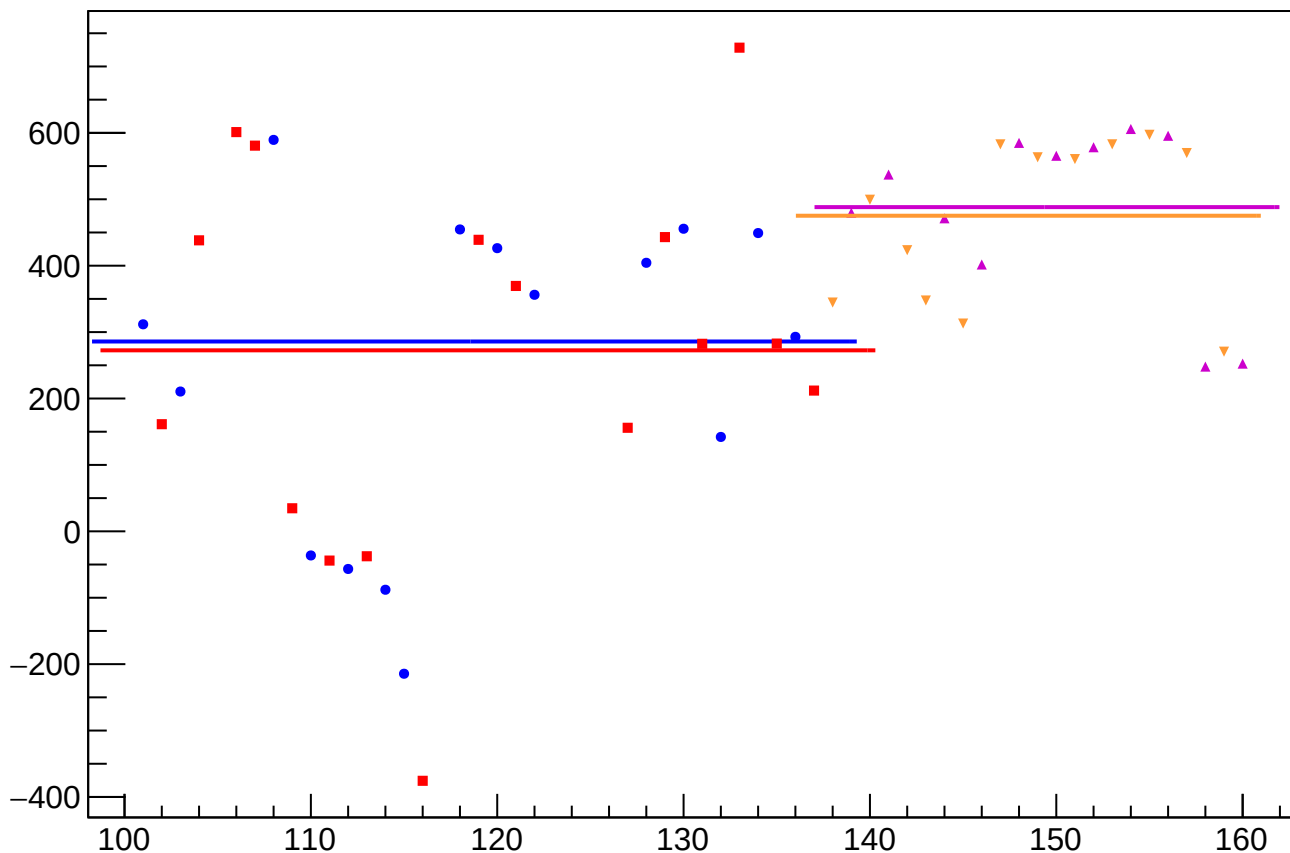
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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: 272.539+/-0.000 χ^2/NDF : 13070818687465126874075480521523068928.0/11

Right Out: 475.235+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

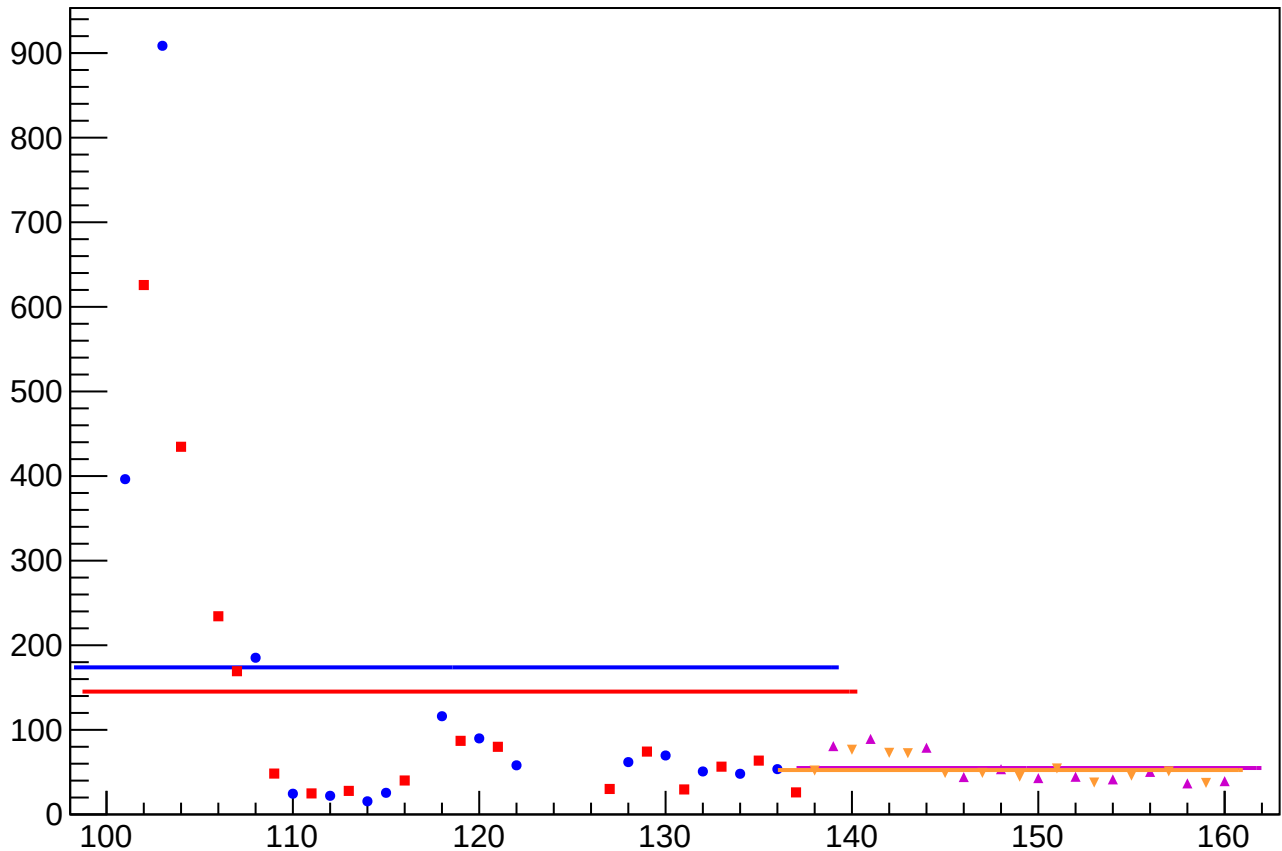
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ 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



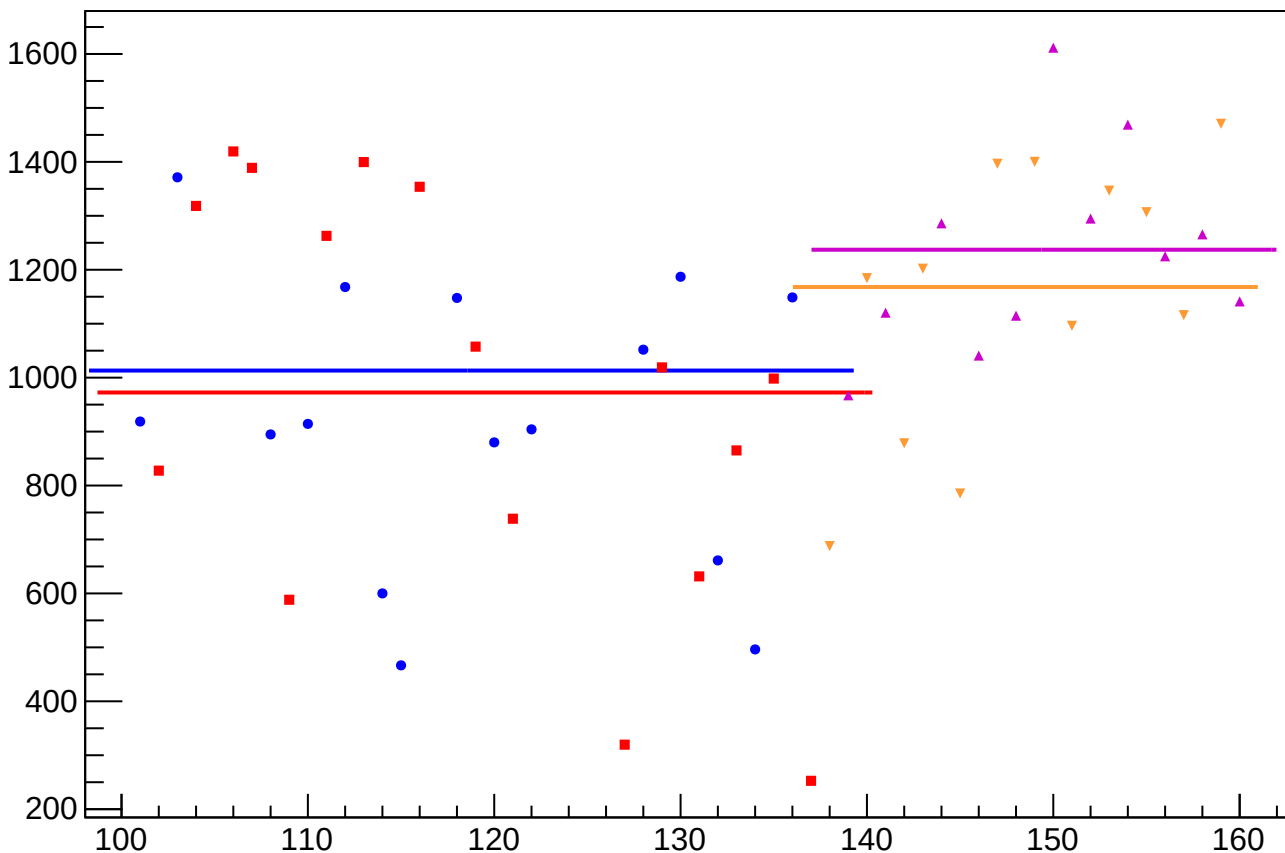
Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

Left Out: 52.484+/-0.000 χ^2/NDF : 140982522312355375266483802671677440.0/11

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

Left In: 54.891+/-0.000 χ^2/NDF : 300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

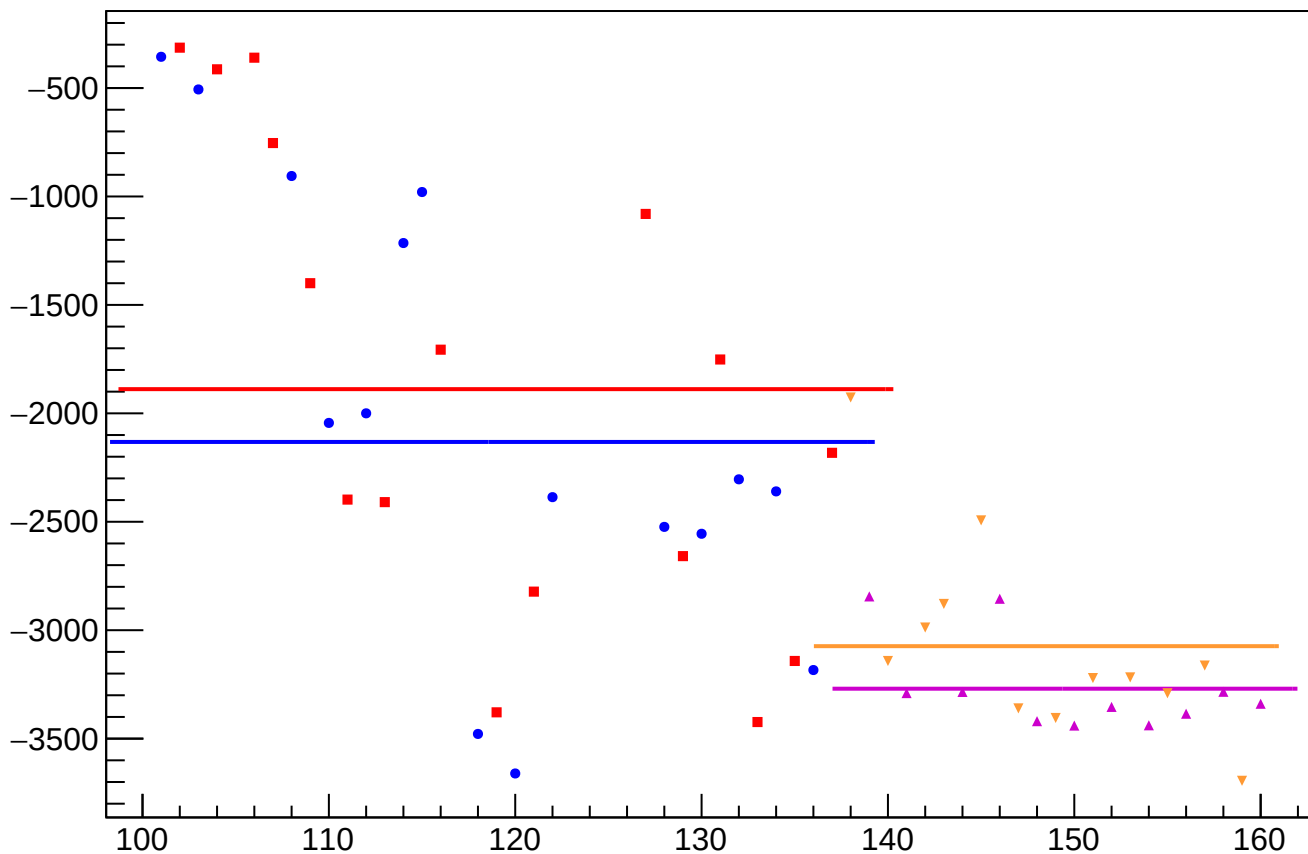
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

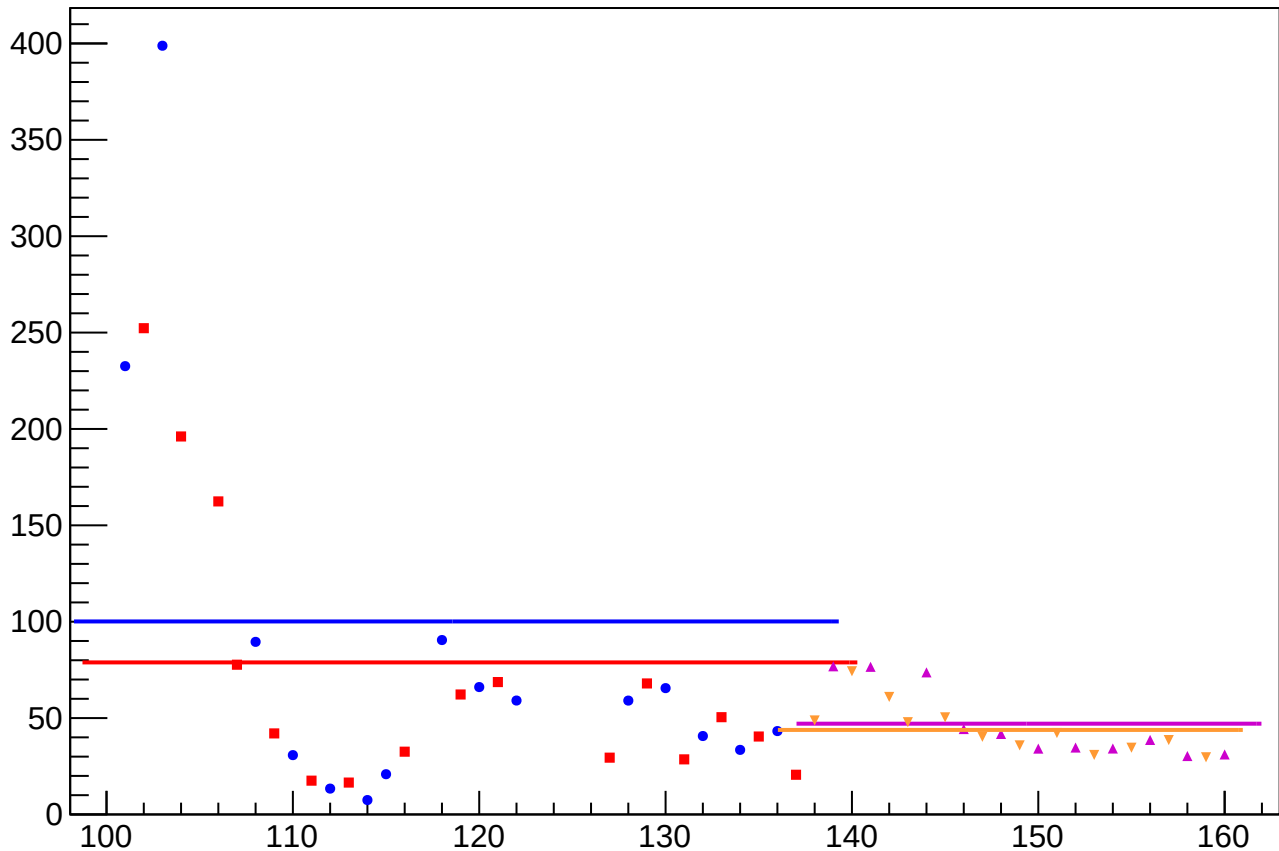
dit_sam8_coil6_mean vs Slug



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

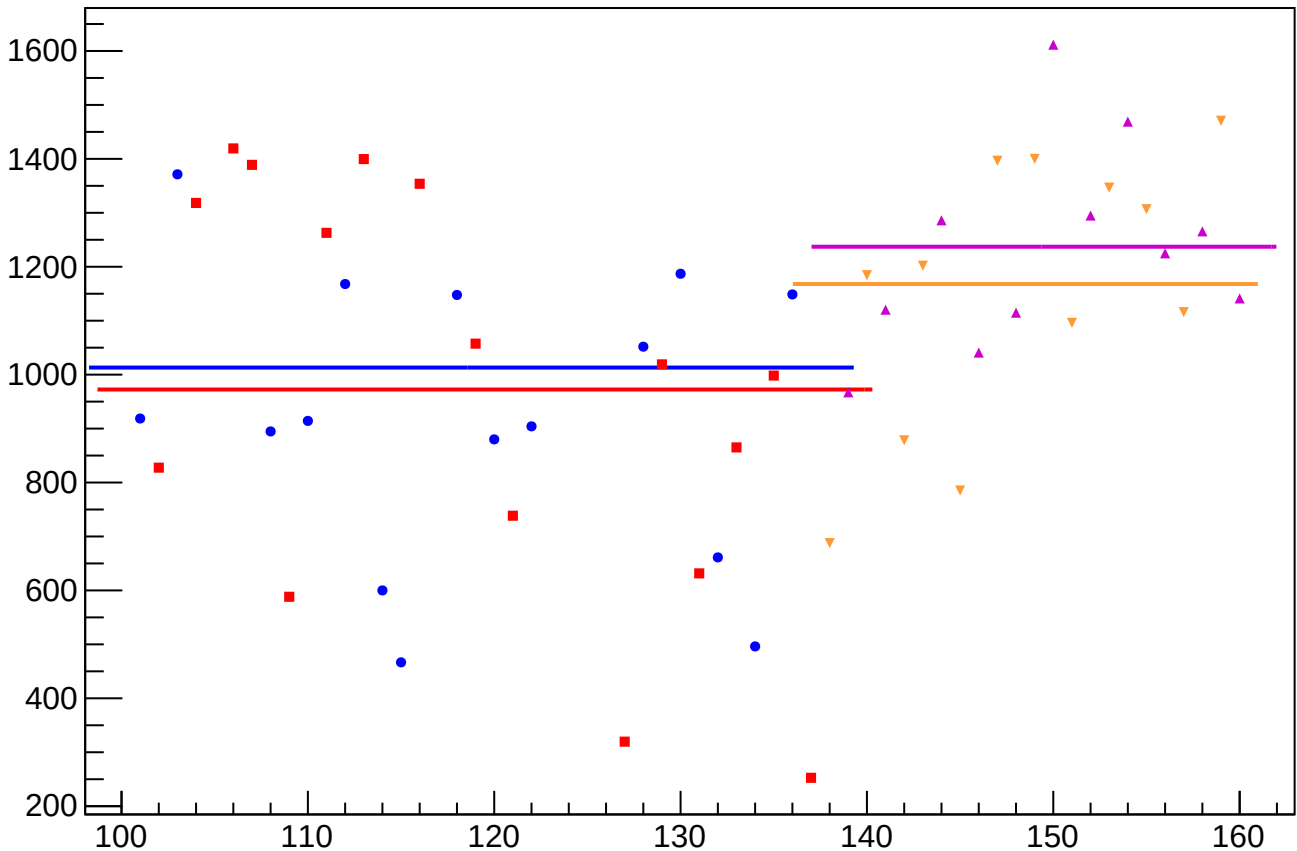
+ sign -2683.355+/-0.000 χ^2/NDF : 1246857732983
 All: -2687.039+/-0.000 χ^2/NDF : 2816093255
 - sign -2690.665+/-0.000 χ^2/NDF : 15691933486268

dit_sam8_coil6_err_mean vs Slug

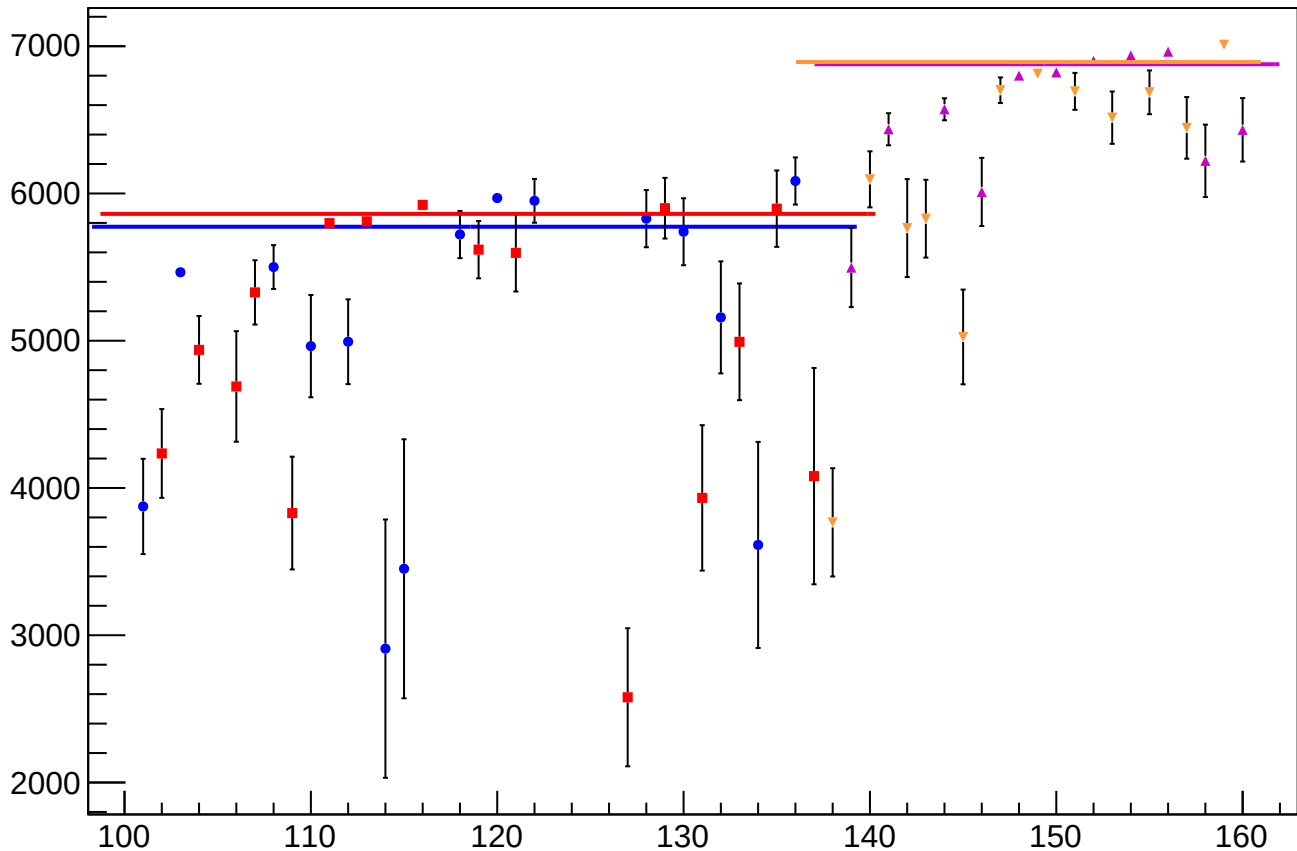


Right In: 100.135 $\pm$ 0.000 χ^2 /NDF: 7813910768784473081480373577053110272.0/14
 Left Out: 43.850 $\pm$ 0.000 χ^2 /NDF: 141916966921802590982612264966684672.0/11
 Right Out: 78.881 $\pm$ 0.000 χ^2 /NDF: 3525129078433901202304301512966275072.0/15
 Left In: 47.092 $\pm$ 0.000 χ^2 /NDF: 302550156086866534805447117402800128.0/10
 All: 63.771 $\pm$ 0.000 χ^2 /NDF: 1341493564216
 + sign 67.177 $\pm$ 0.000 χ^2 /NDF: 9159773877688145
 - sign 60.419 $\pm$ 0.000 χ^2 /NDF: 4219125097072467

dit_sam8_coil6_Ndata_mean vs Slug



dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6892.763 $\pm$ 0.240 χ^2 /NDF: 163987.5/11

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

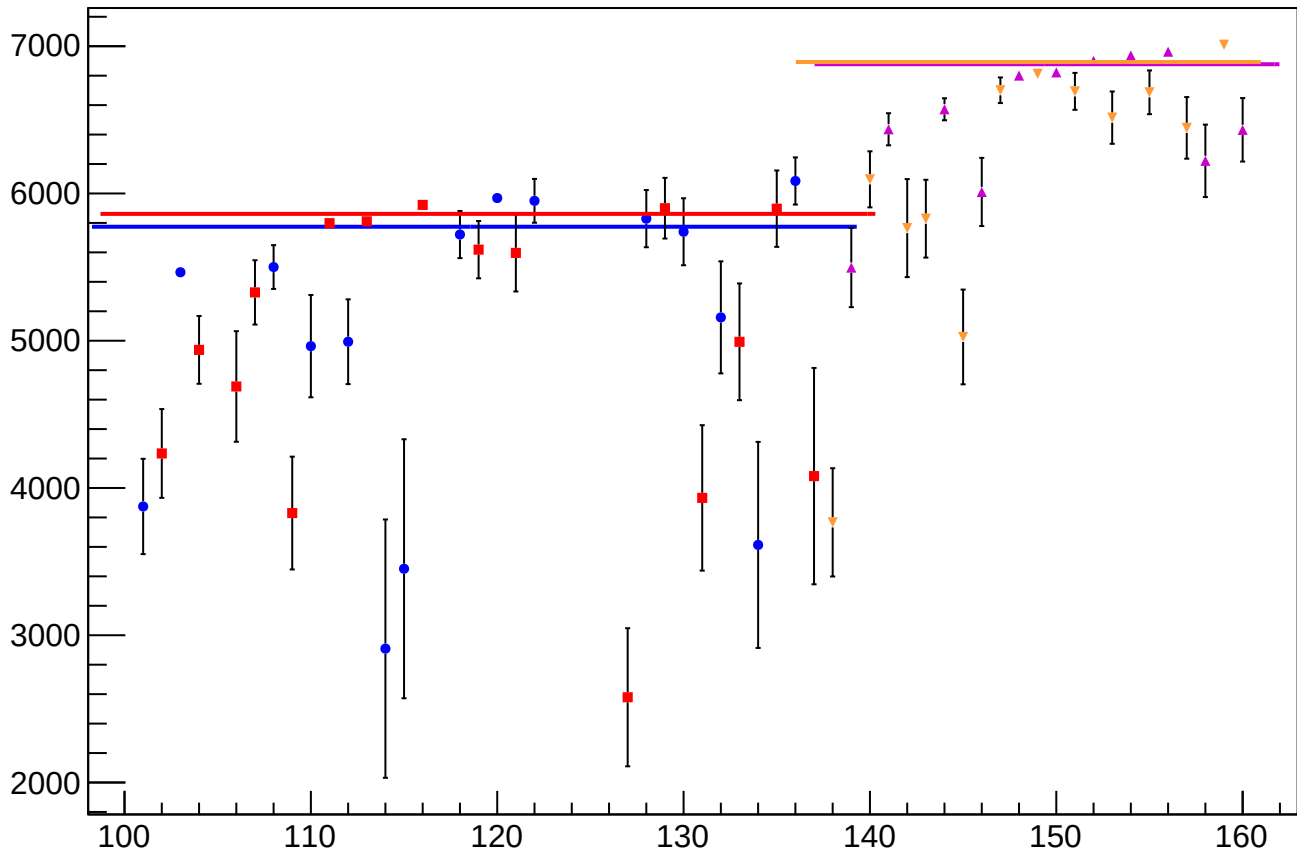
Left In: 6877.524 $\pm$ 0.173 χ^2 /NDF: 152471.6/10

+ sign 6181.879 $\pm$ 0.145 χ^2 /NDF: 15845993.1/26

All: 6233.797 $\pm$ 0.087 χ^2 /NDF: 37323963.6/5

- 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: 6892.763 $\pm$ 0.240 χ^2 /NDF: 163987.5/11

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

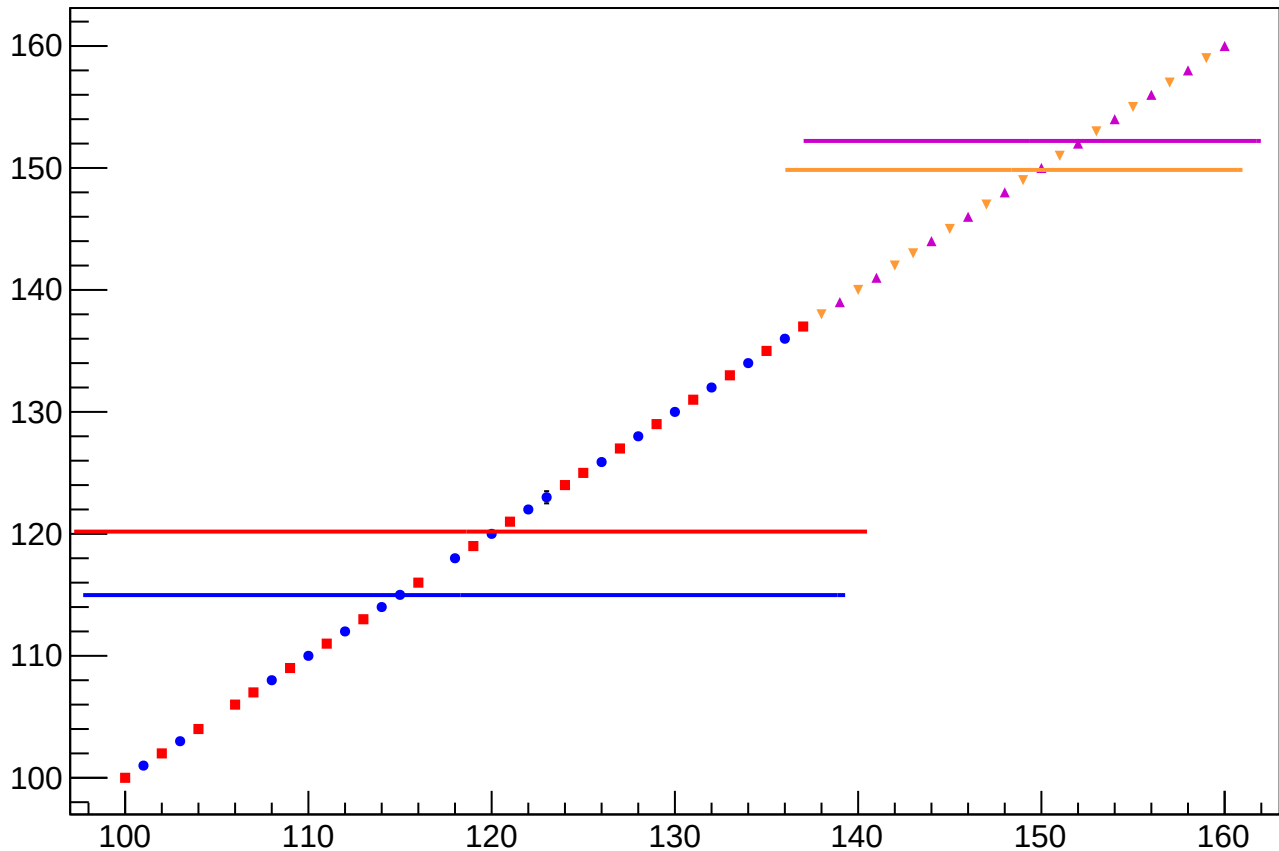
Left In: 6877.524 $\pm$ 0.173 χ^2 /NDF: 152471.6/10

+ sign 6181.879 $\pm$ 0.145 χ^2 /NDF: 15845993.1/26

All: 6233.797 $\pm$ 0.087 χ^2 /NDF: 37323963.6/5

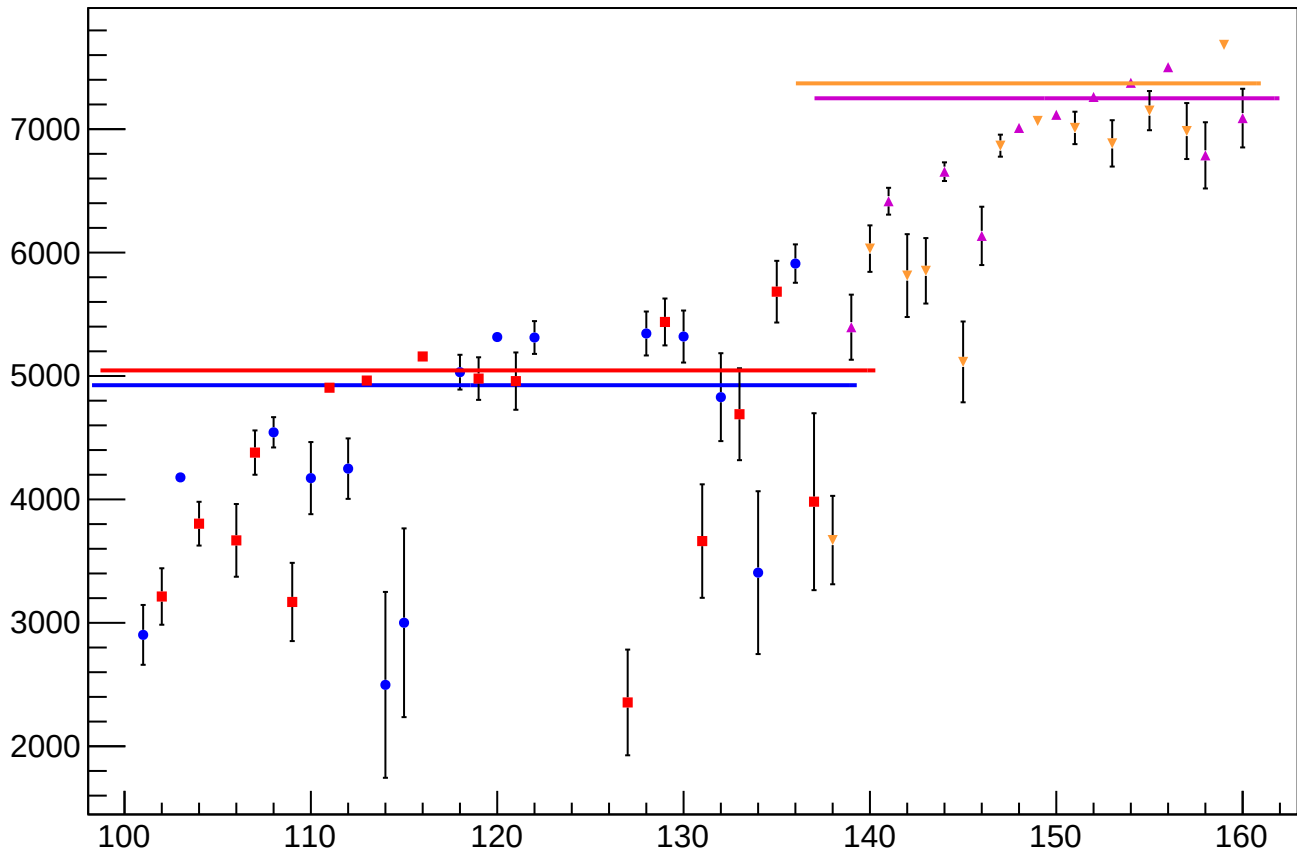
- sign 6263.030 $\pm$ 0.109 χ^2 /NDF: 21276617.9/26

dit_slug_slope vs Slug



Right In: 114.980 +/- 0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 149.841 +/- 0.000 χ^2/NDF : 19477827177483799819625103884288.0/11
 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: 7370.927+/-1.051 χ^2/NDF : 86199.2/11

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

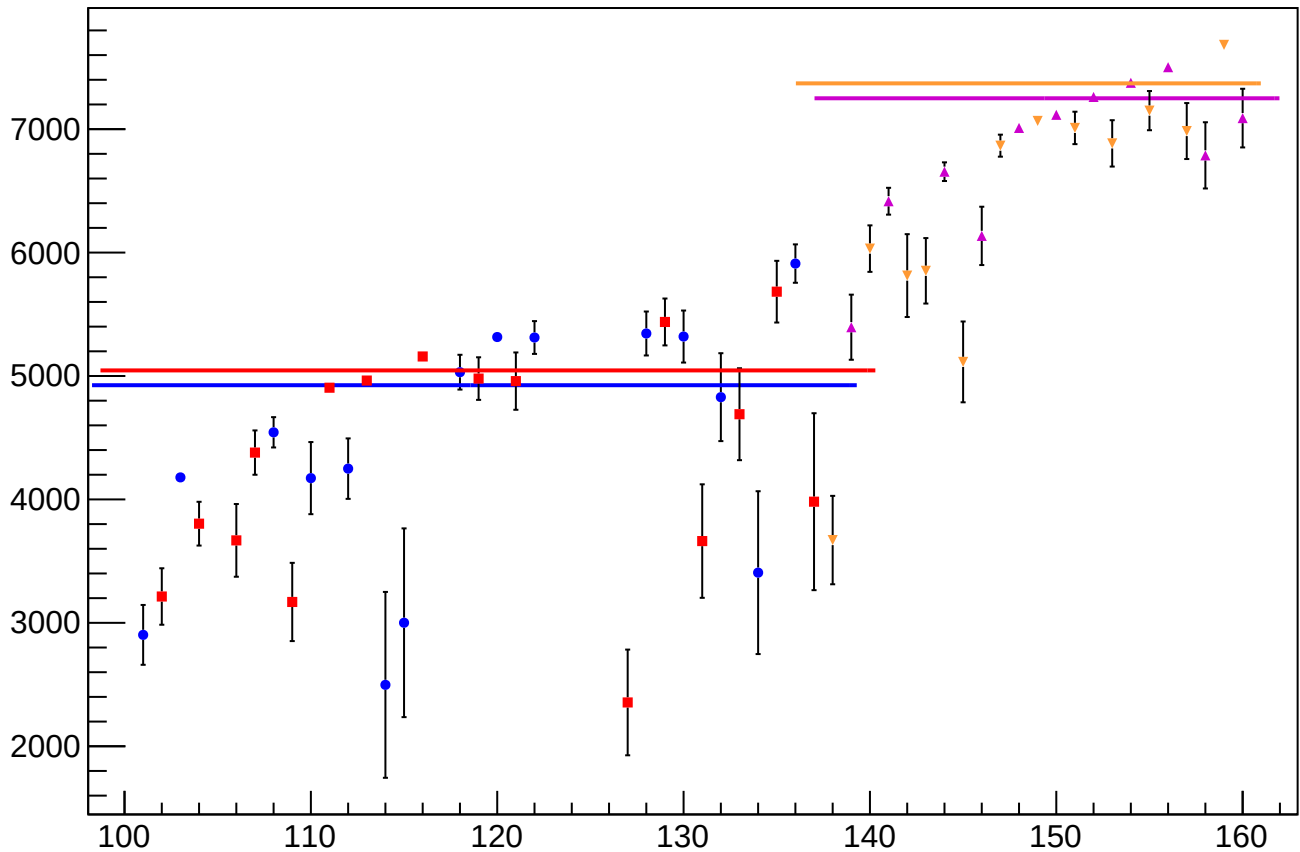
Left In: 7250.101+/-0.765 χ^2/NDF : 51706.6/10

+ sign 6010.378+/-0.700 χ^2/NDF : 3428780.2/26

All: 6002.303+/-0.409 χ^2/NDF : 8221650.0/53

- sign 5998.131+/-0.503 χ^2/NDF : 4792668.1/26

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 7370.927 ± 1.051 χ^2/NDF : 86199.2/11

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

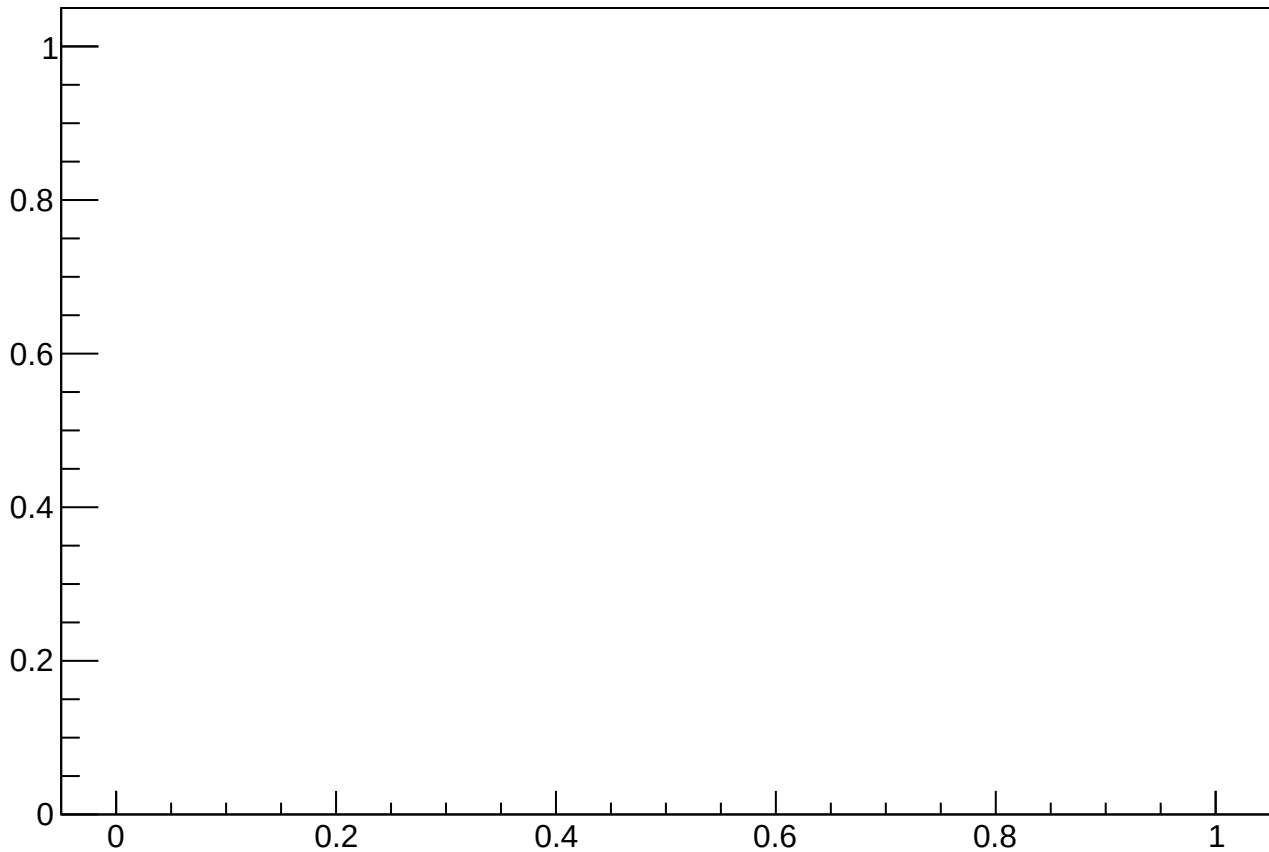
Left In: 7250.101 ± 0.765 χ^2/NDF : 51706.6/10

+ sign 6010.378 ± 0.700 χ^2/NDF : 3428780.2/26

All: 6002.303 ± 0.409 χ^2/NDF : 8221650.0/53

- sign 5998.131 ± 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

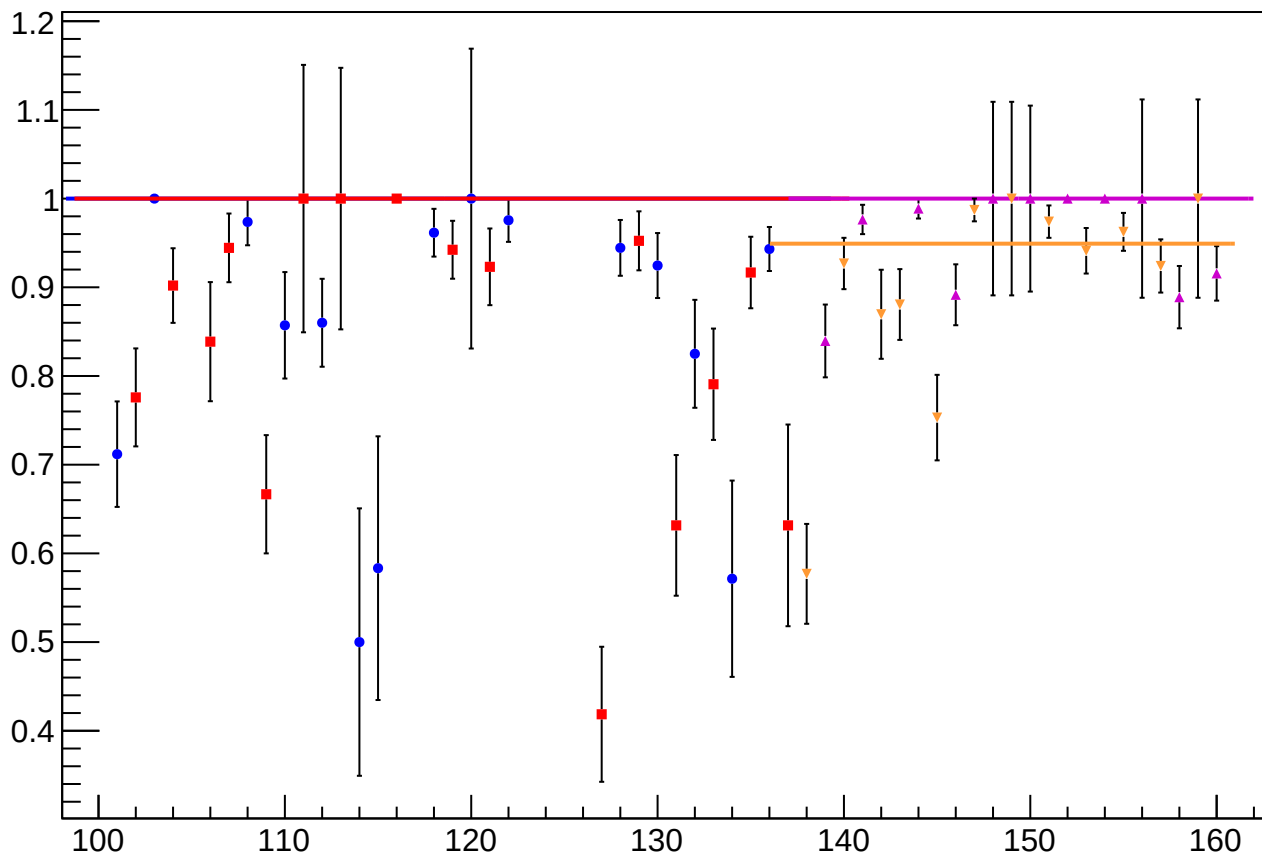
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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 : 78.6/11

Right Out: 1.000+/-0.000 χ^2/NDF : 168.9/15

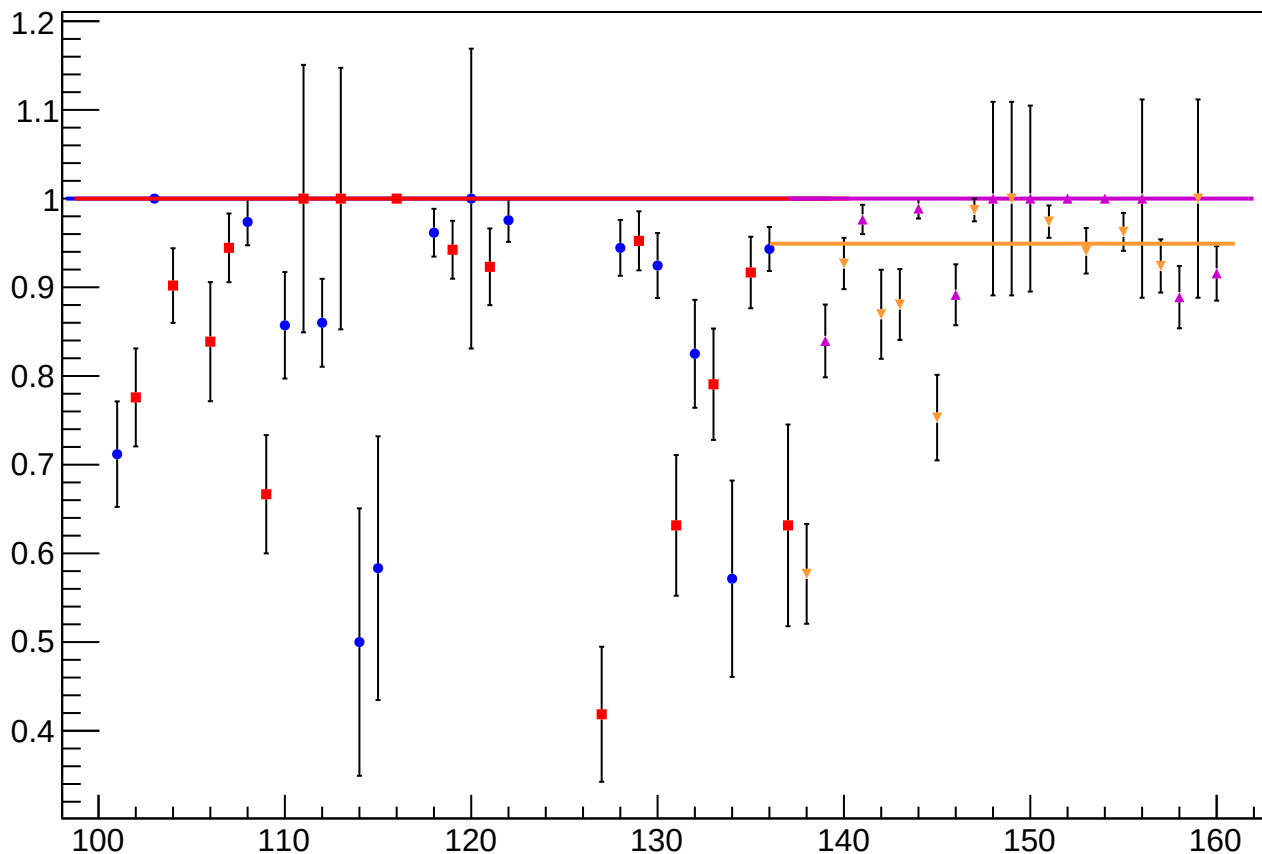
Left In: 1.000+/-0.000 χ^2/NDF : 389.8/10

+ sign 1.000+/-0.000 χ^2/NDF : 218.4/26

All: 1.000+/-0.000 χ^2/NDF : 777.2/53

- sign 1.000+/-0.000 χ^2/NDF : 558.7/26

dit_flag_rms vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 0.949 ± 0.008 χ^2/NDF : 78.6/11

Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

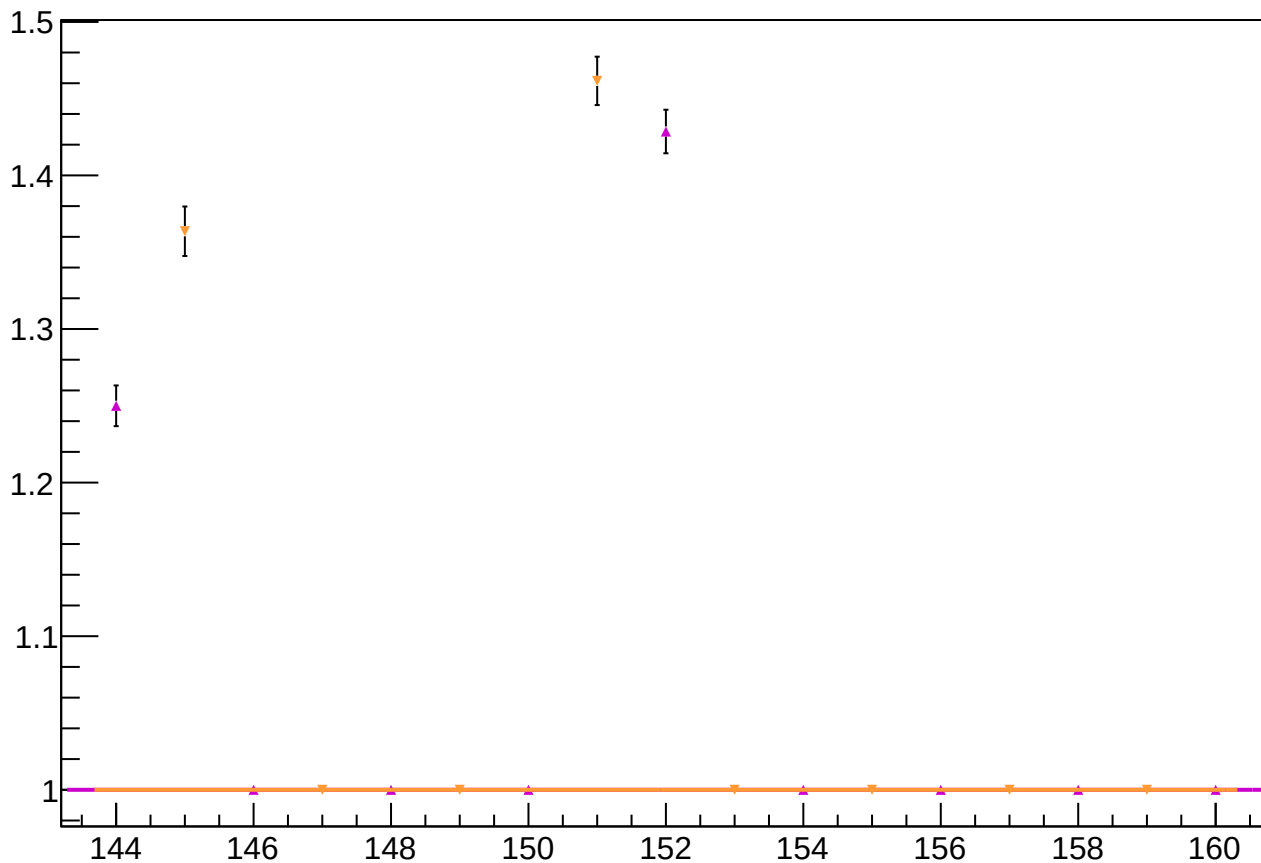
Left In: 1.000 ± 0.000 χ^2/NDF : 389.8/10

+ sign 1.000 ± 0.000 χ^2/NDF : 218.4/26

All: 1.000 ± 0.000 χ^2/NDF : 777.2/53

- sign 1.000 ± 0.000 χ^2/NDF : 558.7/26

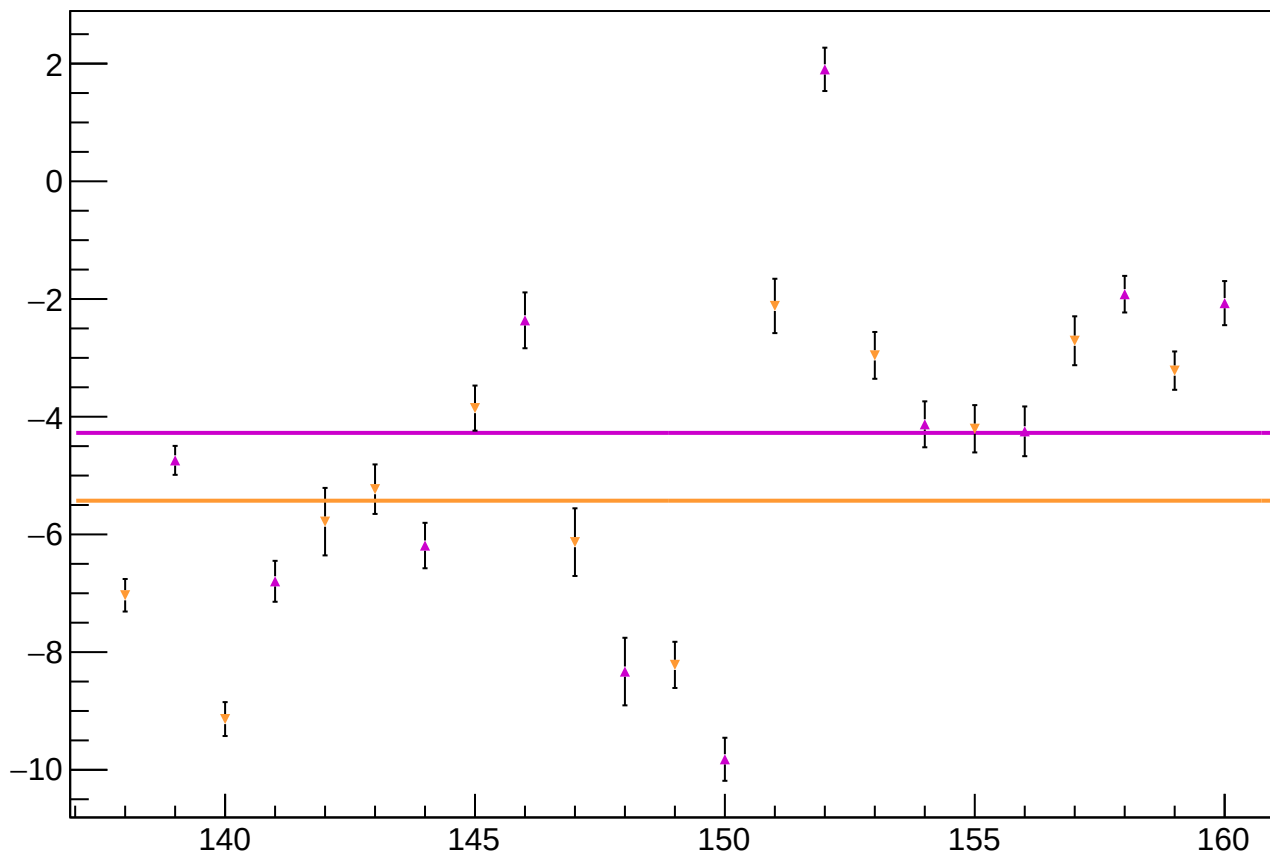
dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 1.000+/-0.000 χ^2 /NDF:2661.5/7
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: 5239.0/16
- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

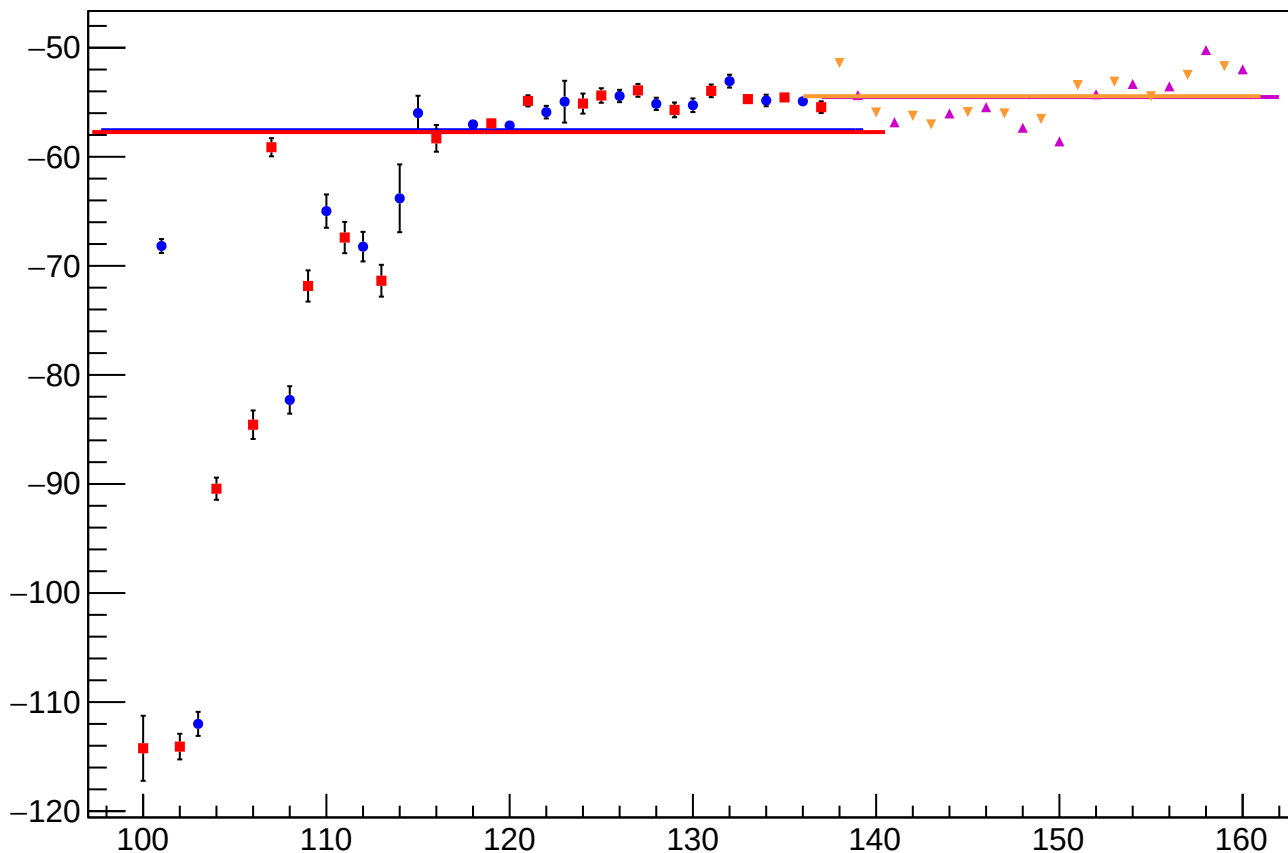
reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.427+/-0.110 χ^2/NDF : 457.1/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.275+/-0.109 χ^2/NDF : 750.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.848+/-0.078 χ^2/NDF : 1262.5/22
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -54.444 ± 0.081 χ^2/NDF : 578.5/11

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

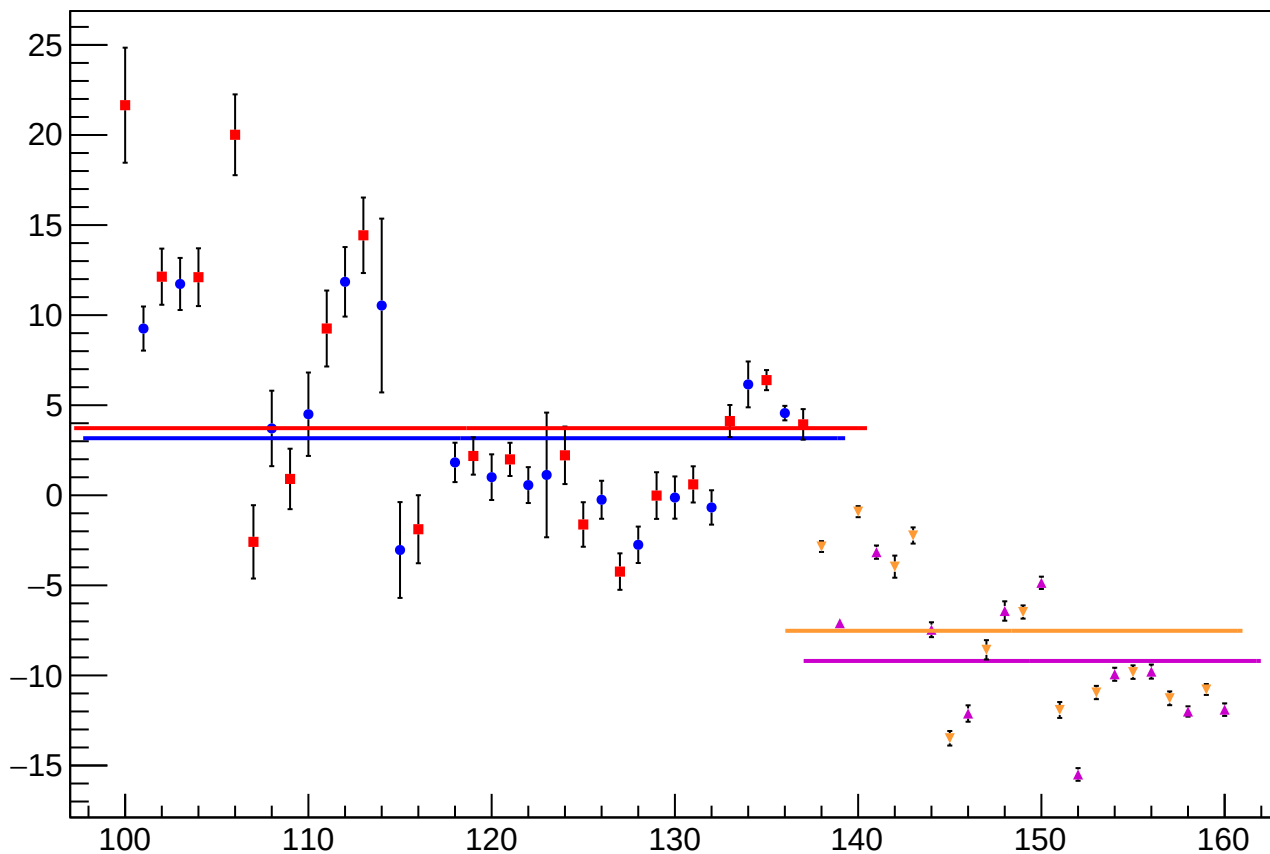
Left In: -54.522 ± 0.082 χ^2/NDF : 1021.4/10

+ sign -55.210 ± 0.070 χ^2/NDF : 4401.1/28

All: -55.263 ± 0.050 χ^2/NDF : 10502.1/58

- 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 $\chi^2/\text{NDF}: 186.2/16$

Left Out: -7.522 ± 0.109 $\chi^2/\text{NDF}: 1544.0/11$

Right Out: 3.726 ± 0.267 $\chi^2/\text{NDF}: 323.3/18$

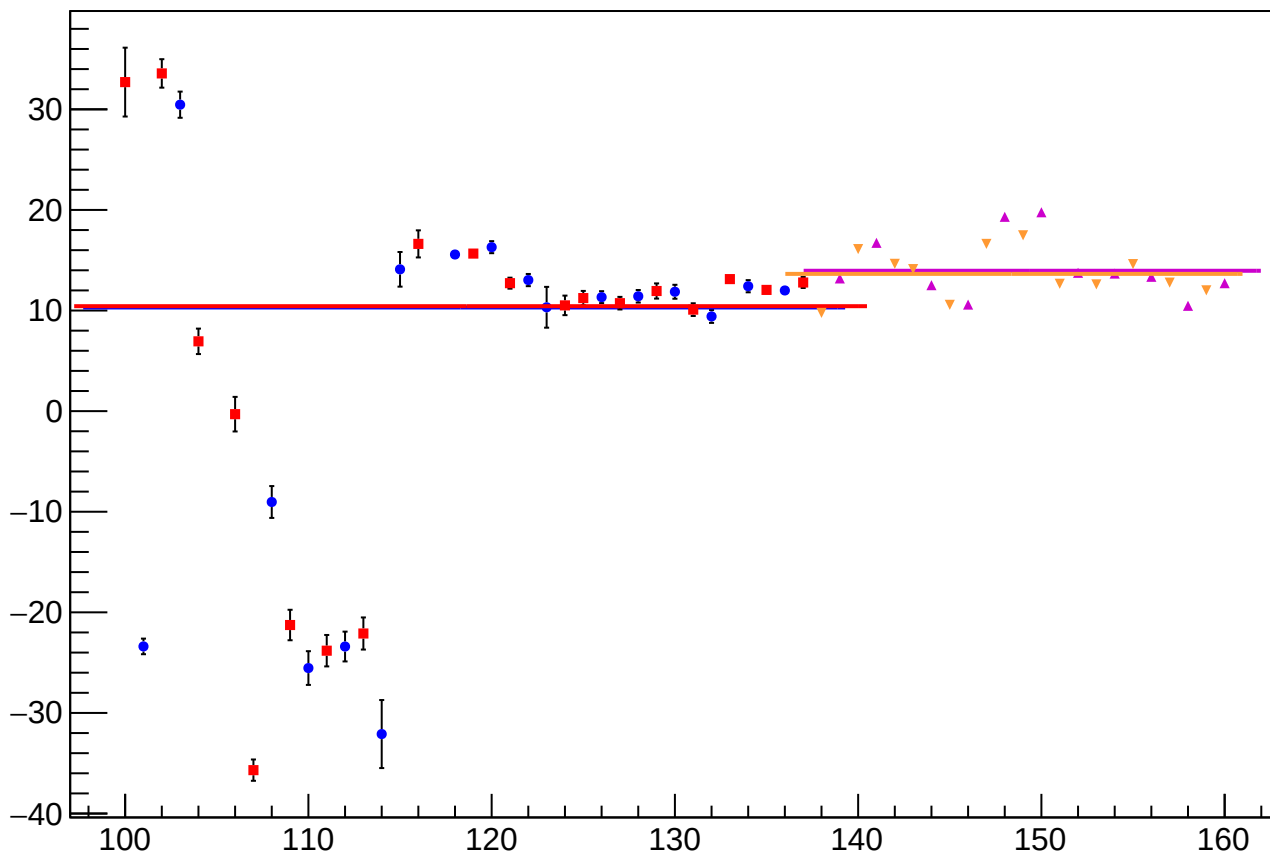
Left In: -9.196 ± 0.107 $\chi^2/\text{NDF}: 1056.3/10$

+ sign -5.892 ± 0.101 $\chi^2/\text{NDF}: 3188.4/28$

All: -6.651 ± 0.071 $\chi^2/\text{NDF}: 6695.5/58$

- sign -7.396 ± 0.100 $\chi^2/\text{NDF}: 3394.4/29$

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 ± 0.157 χ^2/NDF : 3712.3/16

Left Out: 13.644 ± 0.094 χ^2/NDF : 572.1/11

Right Out: 10.433 ± 0.160 χ^2/NDF : 3828.5/18

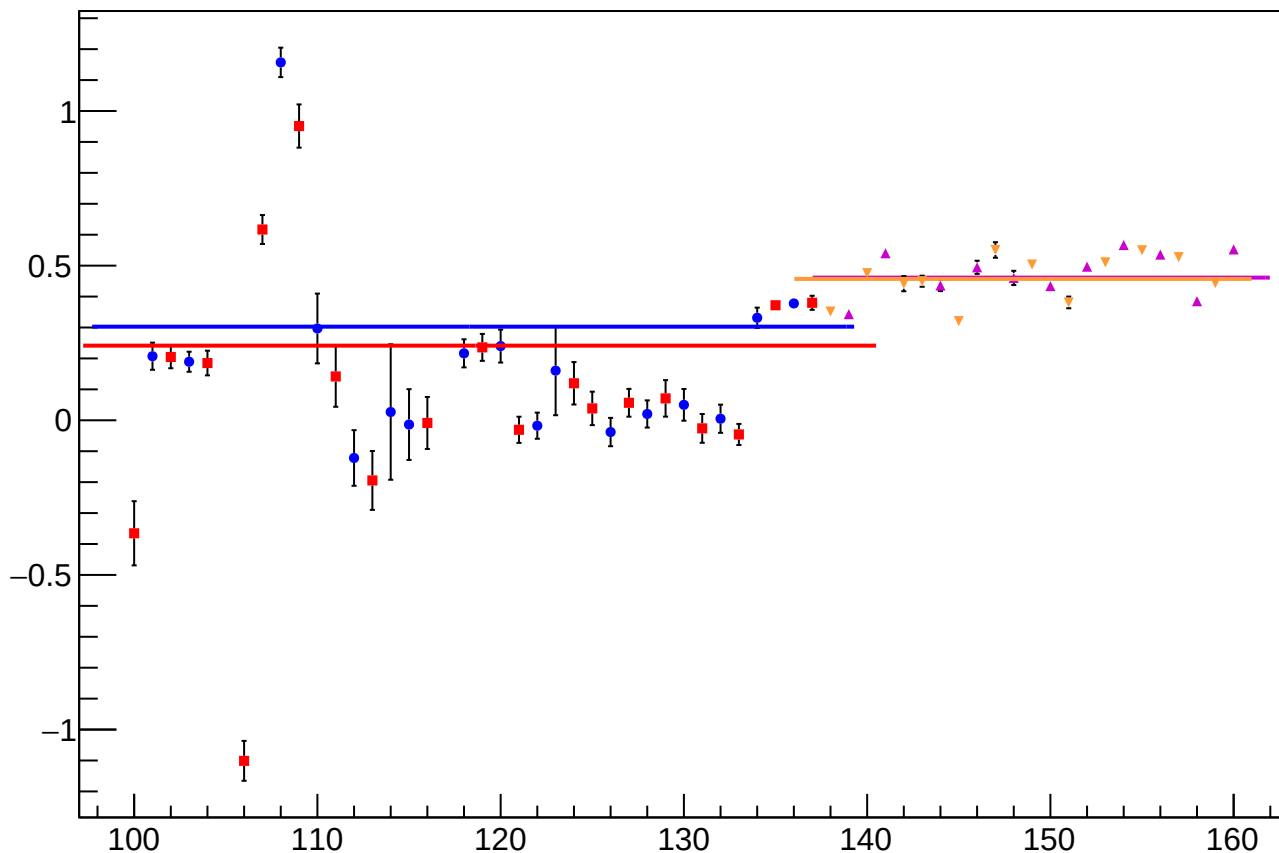
Left In: 13.953 ± 0.094 χ^2/NDF : 1040.5/10

+ sign 12.757 ± 0.081 χ^2/NDF : 4617.3/28

All: 12.903 ± 0.057 χ^2/NDF : 9853.0/58

- sign 13.049 ± 0.081 χ^2/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: 297.9/11

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

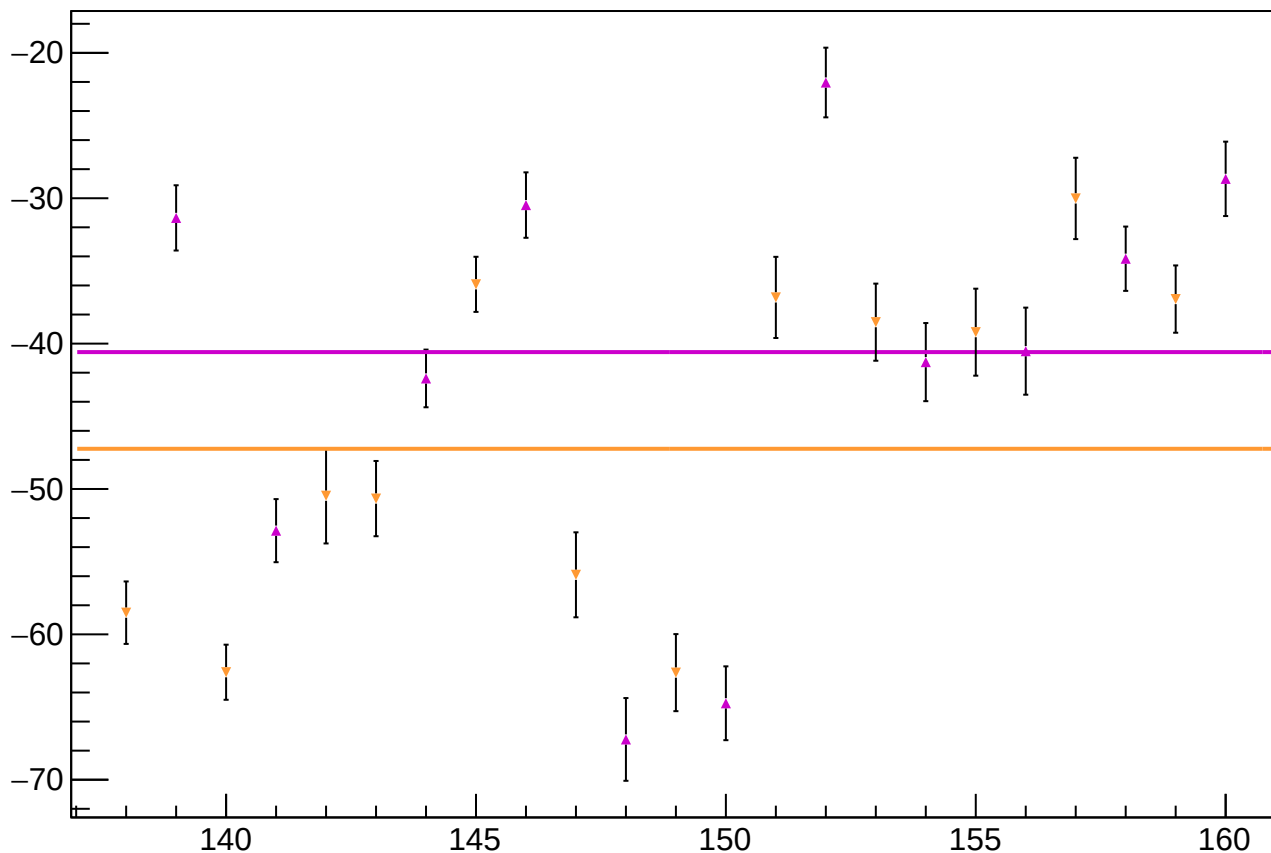
Left In: 0.461 $\pm$ 0.004 χ^2 /NDF: 408.5/10

+ sign 0.425 $\pm$ 0.004 χ^2 /NDF: 1225.6/28

All: 0.423 $\pm$ 0.003 χ^2 /NDF: 3167.7/58

- 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: -47.235+/-0.712 χ^2/NDF : 263.8/11

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

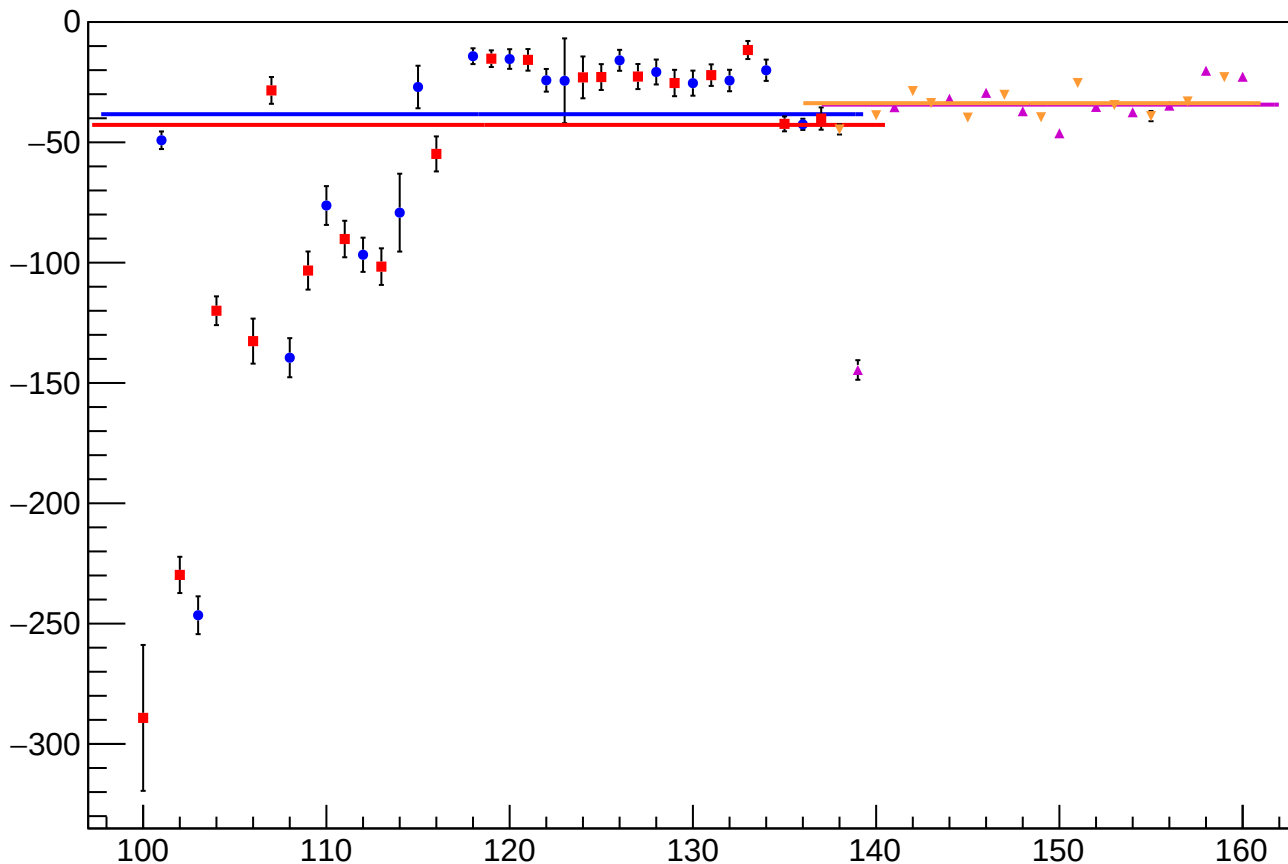
Left In: -40.584+/-0.721 χ^2/NDF : 338.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.951+/-0.507 χ^2/NDF : 645.0/22

- 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 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -33.738 ± 0.498 $\chi^2/\text{NDF}: 155.9/11$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

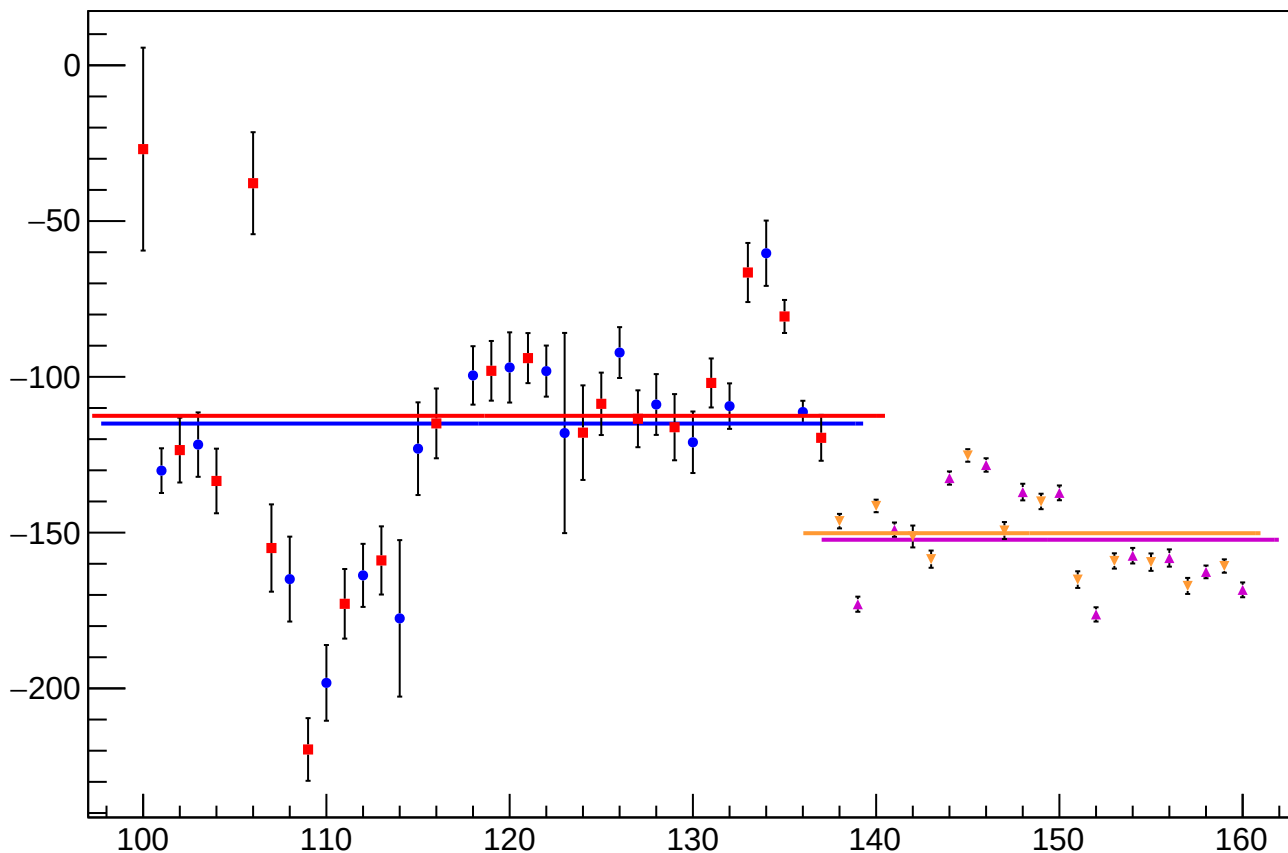
Left In: -34.331 ± 0.501 $\chi^2/\text{NDF}: 937.6/10$

+ sign -34.473 ± 0.456 $\chi^2/\text{NDF}: 1302.1/28$

All: -35.010 ± 0.325 $\chi^2/\text{NDF}: 3625.5/58$

- sign -35.563 ± 0.463 $\chi^2/\text{NDF}: 2320.6/29$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 χ^2/NDF : 141.8/16

Left Out: -150.187 ± 0.710 χ^2/NDF : 323.3/11

Right Out: -112.510 ± 2.207 χ^2/NDF : 273.1/18

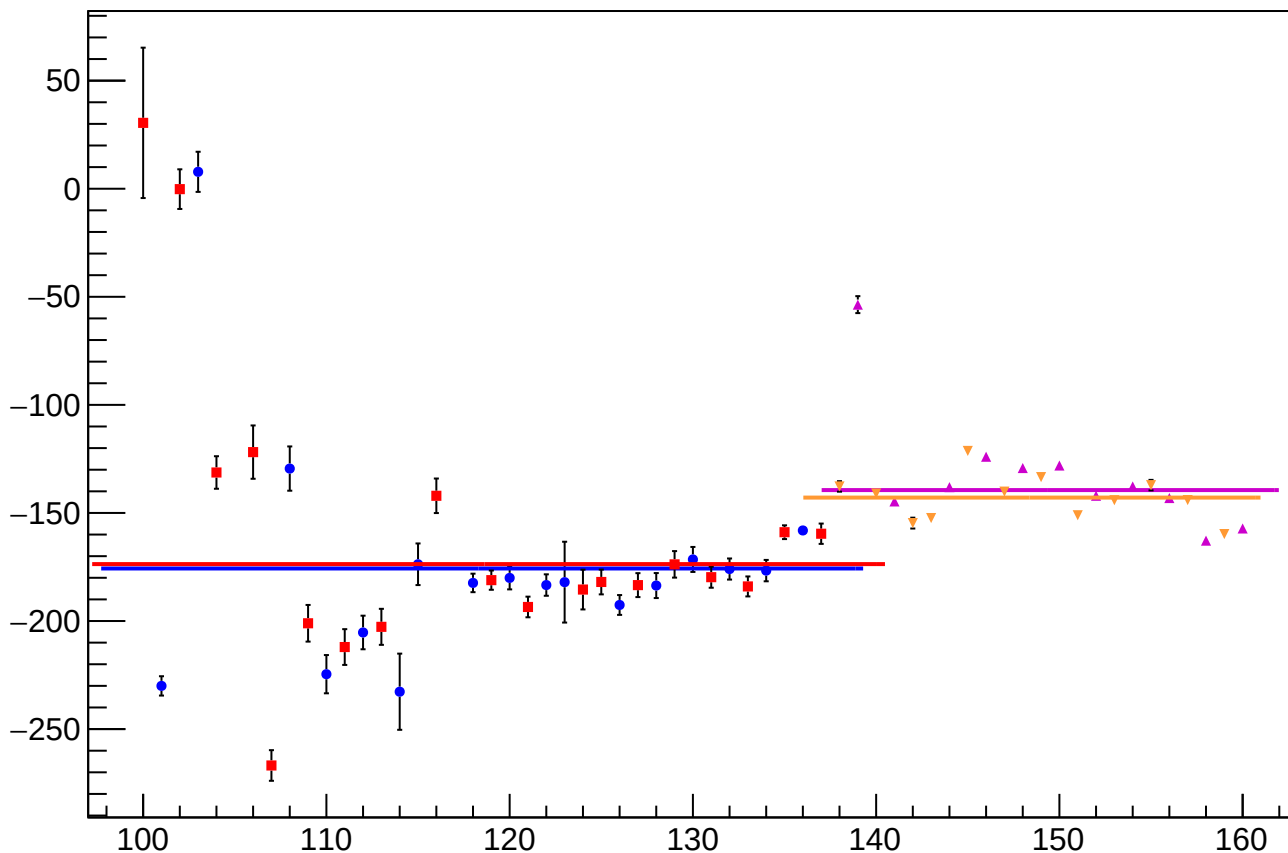
Left In: -152.288 ± 0.706 χ^2/NDF : 547.1/10

+ sign -146.494 ± 0.671 χ^2/NDF : 723.2/28

All: -147.544 ± 0.475 χ^2/NDF : 1843.1/58

- sign -148.597 ± 0.672 χ^2/NDF : 1115.0/29

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -142.895 ± 0.593 χ^2/NDF : 343.9/11

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

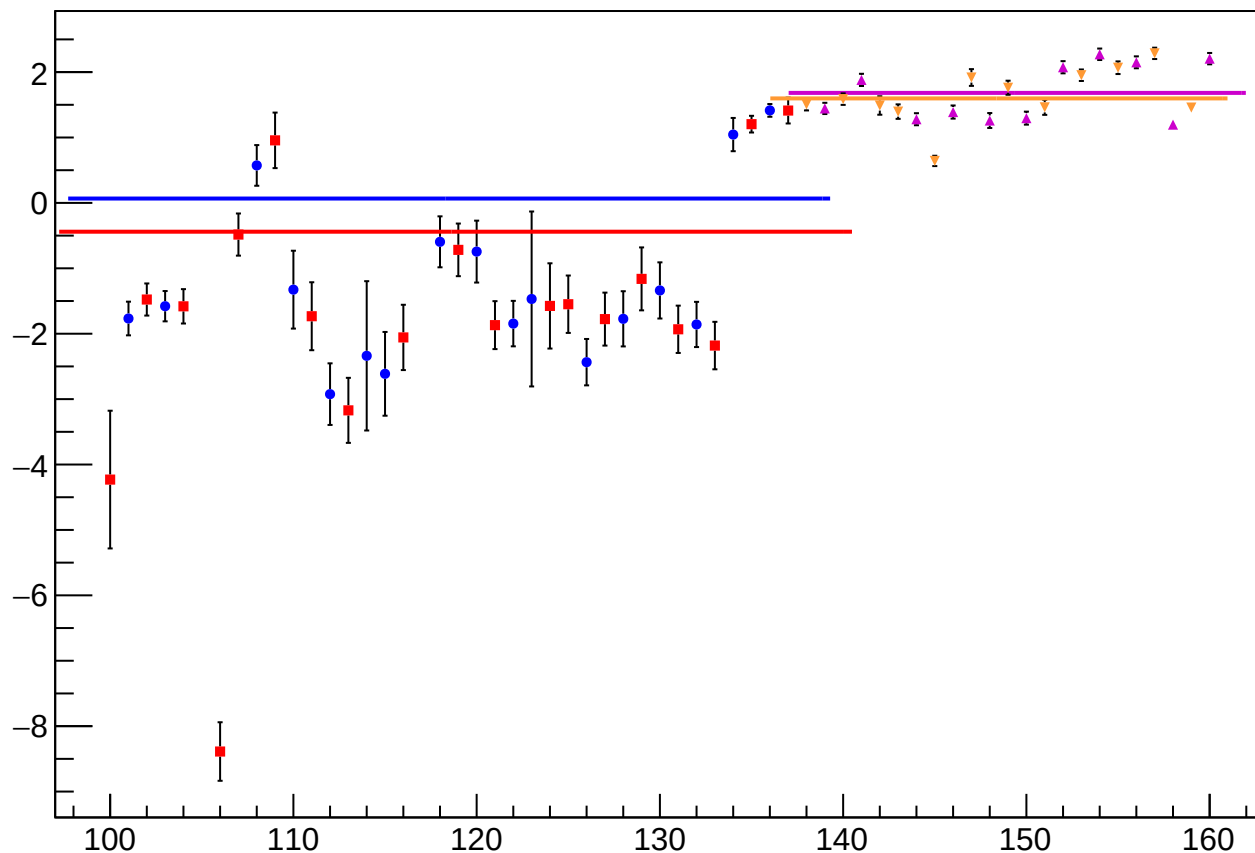
Left In: -139.422 ± 0.590 χ^2/NDF : 936.9/10

+ sign -148.784 ± 0.537 χ^2/NDF : 1586.2/28

All: -146.848 ± 0.381 χ^2/NDF : 3823.2/58

- sign -144.881 ± 0.541 χ^2/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: 1.598 ± 0.028 χ^2/NDF : 266.8/11

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

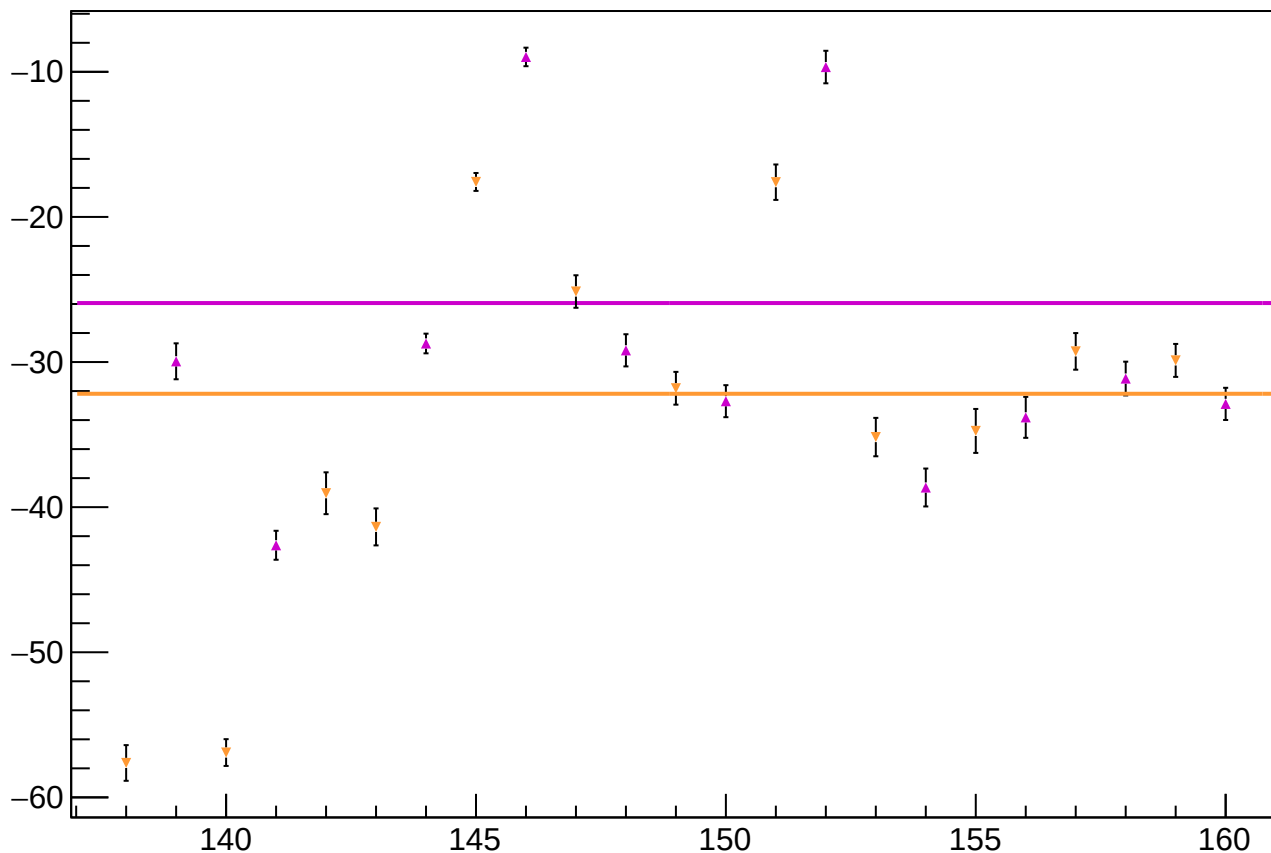
Left In: 1.682 ± 0.027 χ^2/NDF : 237.8/10

+ sign 1.373 ± 0.026 χ^2/NDF : 1238.9/28

All: 1.390 ± 0.018 χ^2/NDF : 3007.8/58

- 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: -32.187+/-0.313 χ^2/NDF :1980.0/11

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

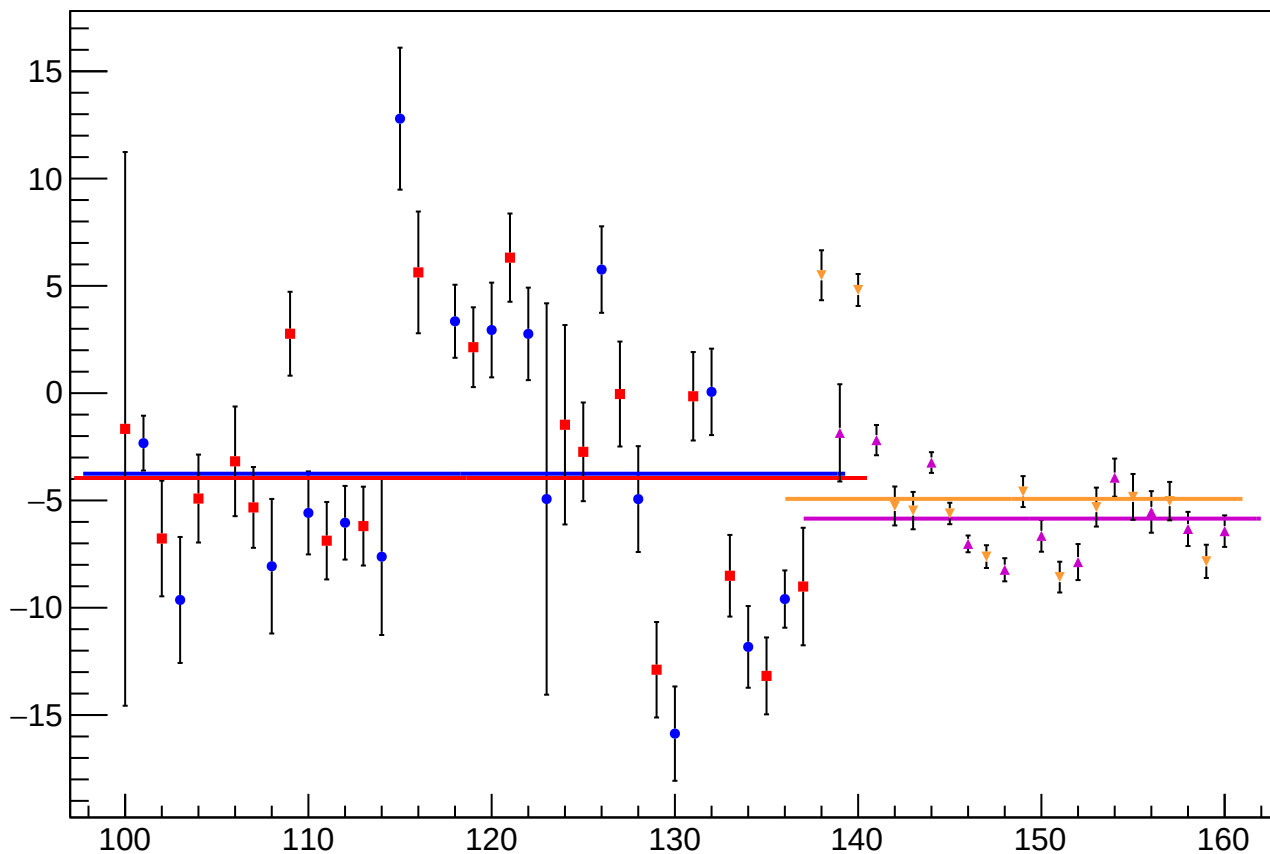
Left In: -25.935+/-0.297 χ^2/NDF :1454.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.896+/-0.215 χ^2/NDF : 3644.5/22

- 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: -4.927 ± 0.216 $\chi^2/\text{NDF}: 319.2/11$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

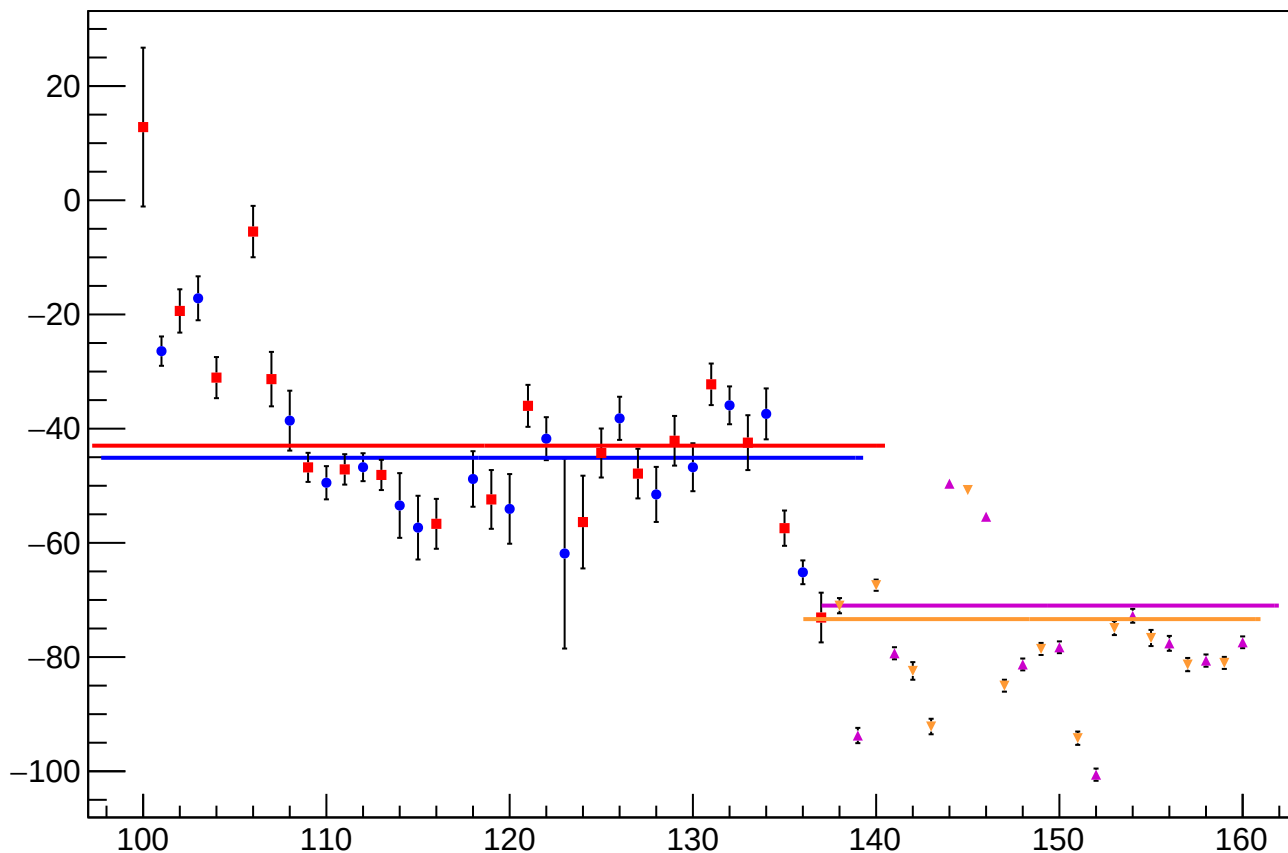
Left In: -5.847 ± 0.198 $\chi^2/\text{NDF}: 100.7/10$

+ sign -4.740 ± 0.198 $\chi^2/\text{NDF}: 489.2/28$

All: -5.198 ± 0.135 $\chi^2/\text{NDF}: 735.4/58$

- 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: -73.354 ± 0.313 χ^2/NDF : 2028.9/11

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

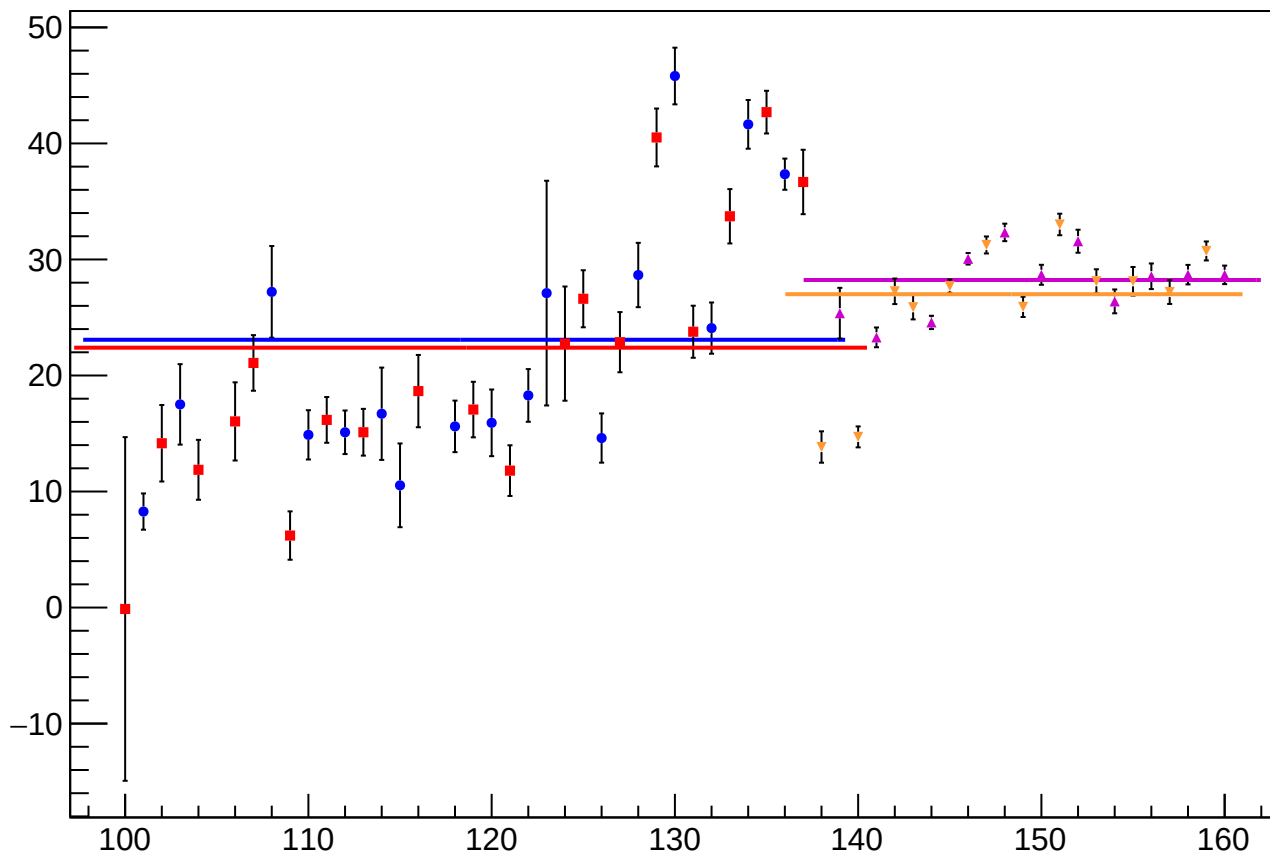
Left In: -70.985 ± 0.291 χ^2/NDF : 2915.2/10

+ sign -70.195 ± 0.295 χ^2/NDF : 3172.6/28

All: -69.138 ± 0.202 χ^2/NDF : 7278.8/58

- 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: 27.005 $\pm$ 0.259 χ^2 /NDF: 383.1/11

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

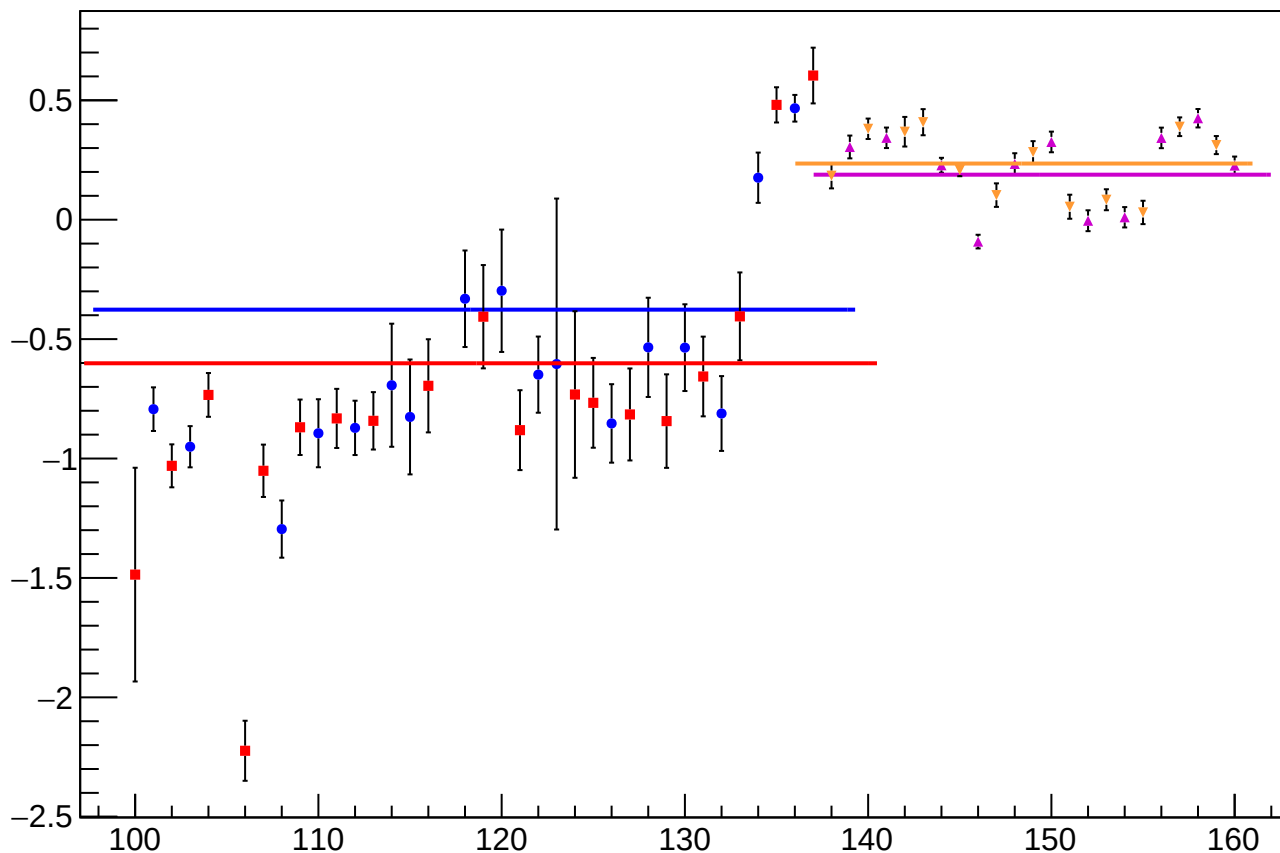
Left In: 28.229 $\pm$ 0.238 χ^2 /NDF: 134.9/10

+ sign 26.305 $\pm$ 0.235 χ^2 /NDF: 885.2/28

All: 26.870 $\pm$ 0.161 χ^2 /NDF: 1489.7/58

- 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 χ^2/NDF : 437.1/16

Left Out: 0.235 ± 0.012 χ^2/NDF : 98.6/11

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

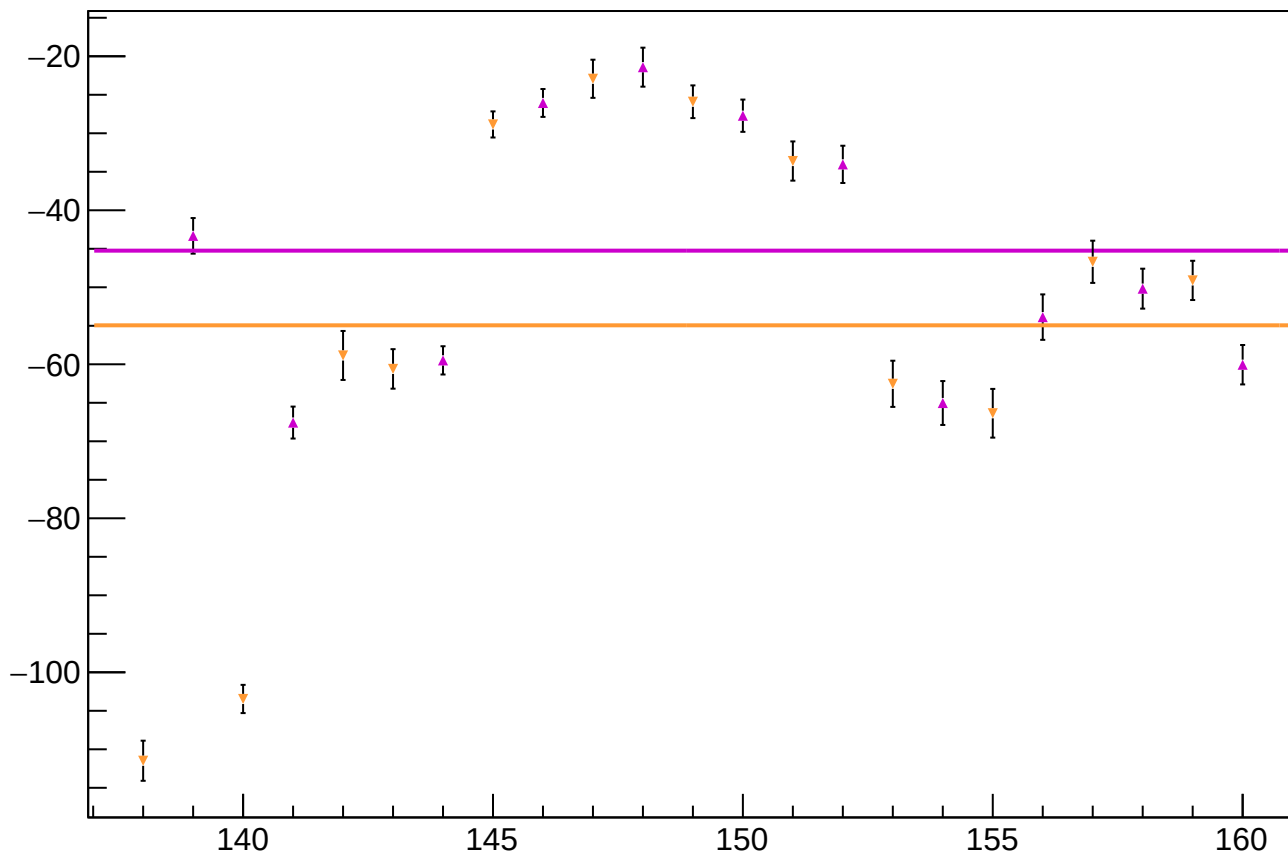
Left In: 0.188 ± 0.012 χ^2/NDF : 215.4/10

+ sign 0.147 ± 0.011 χ^2/NDF : 890.1/28

All: 0.115 ± 0.008 χ^2/NDF : 2271.5/58

- sign 0.085 ± 0.011 χ^2/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: -54.939+/-0.693 χ^2/NDF :1873.5/11

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

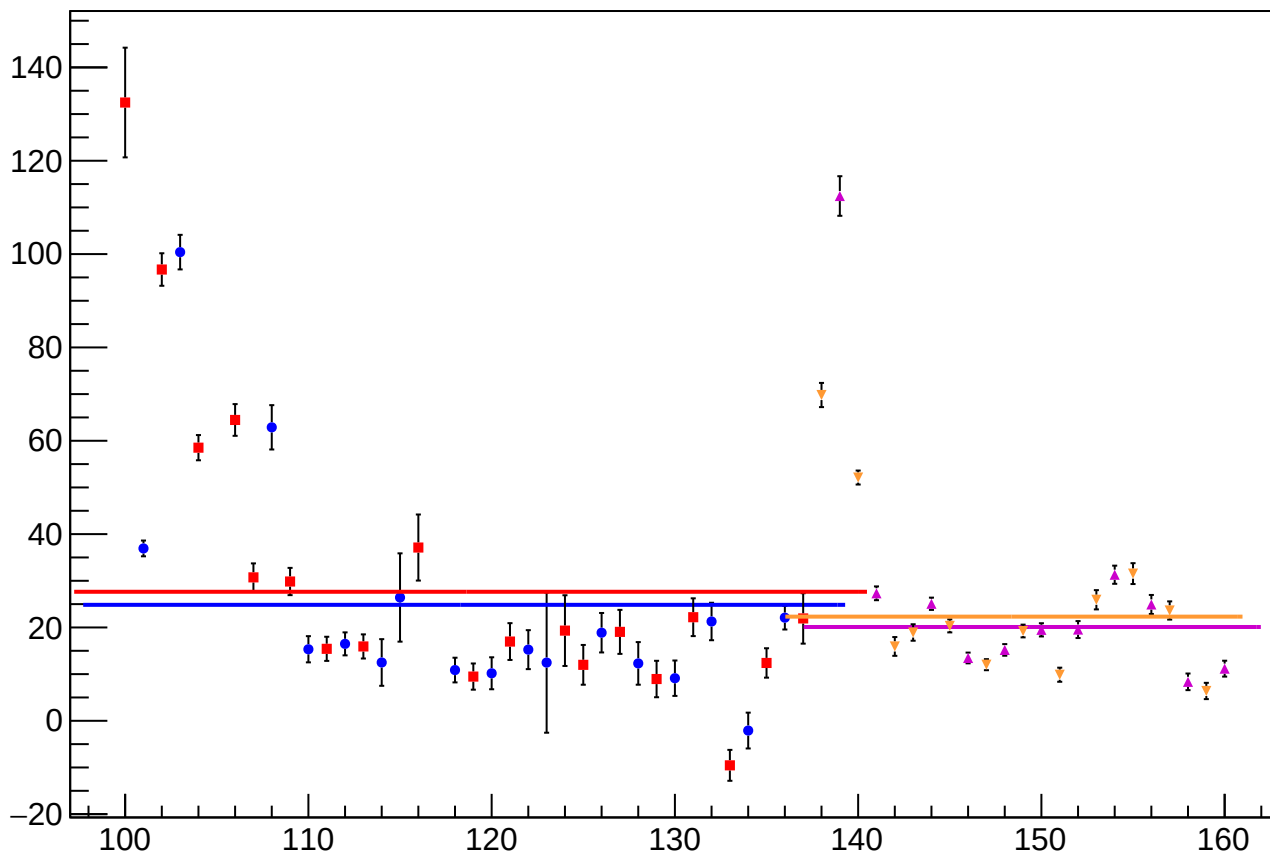
Left In: -45.243+/-0.688 χ^2/NDF :562.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.052+/-0.488 χ^2/NDF : 2535.1/22

- 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: 22.320 ± 0.477 χ^2/NDF : 998.8/11

Right Out: 27.648 ± 0.810 χ^2/NDF : 1009.2/18

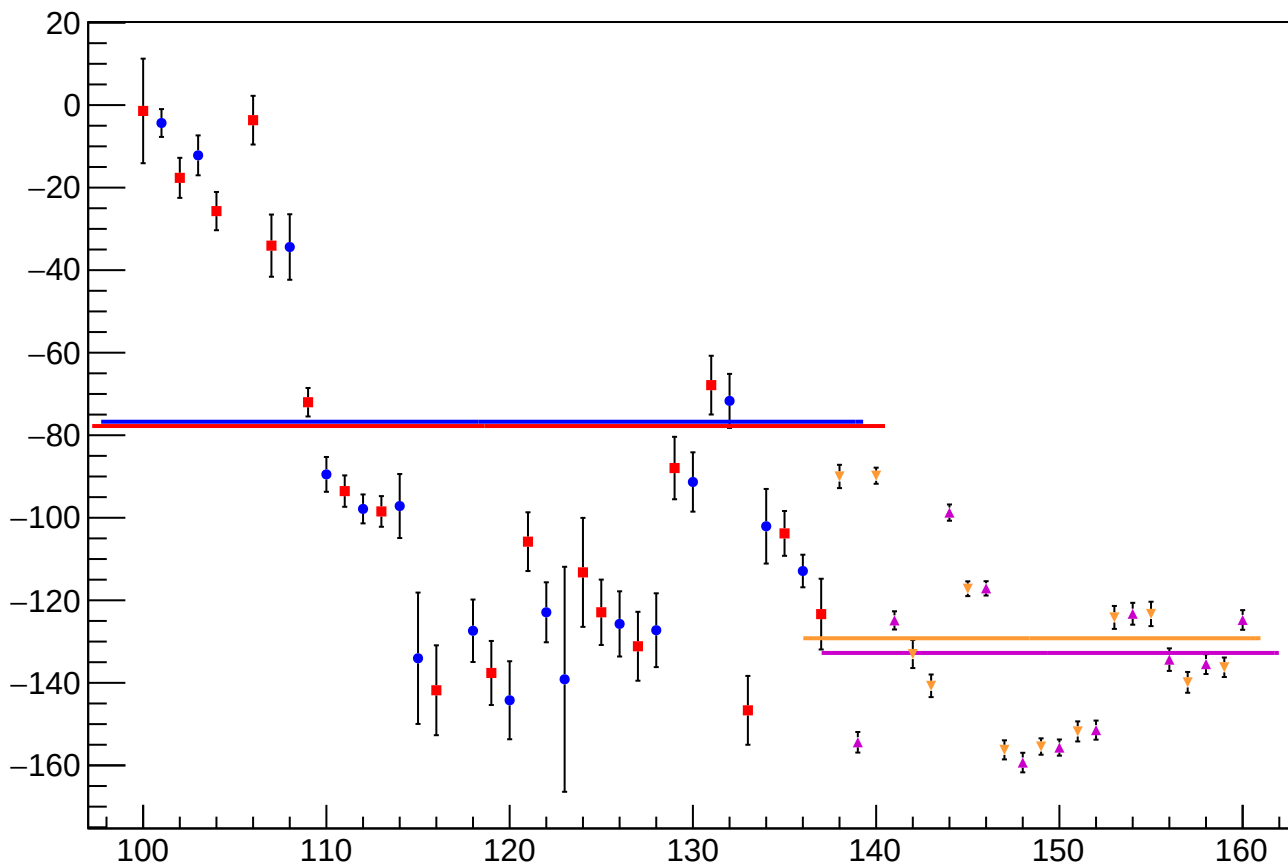
Left In: 20.100 ± 0.473 χ^2/NDF : 671.0/10

+ sign 22.983 ± 0.410 χ^2/NDF : 1696.9/28

All: 22.500 ± 0.289 χ^2/NDF : 3444.6/58

- 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 $\chi^2/\text{NDF}: 1042.0/16$

Left Out: -129.196 ± 0.689 $\chi^2/\text{NDF}: 1095.1/11$

Right Out: -77.773 ± 1.352 $\chi^2/\text{NDF}: 871.8/18$

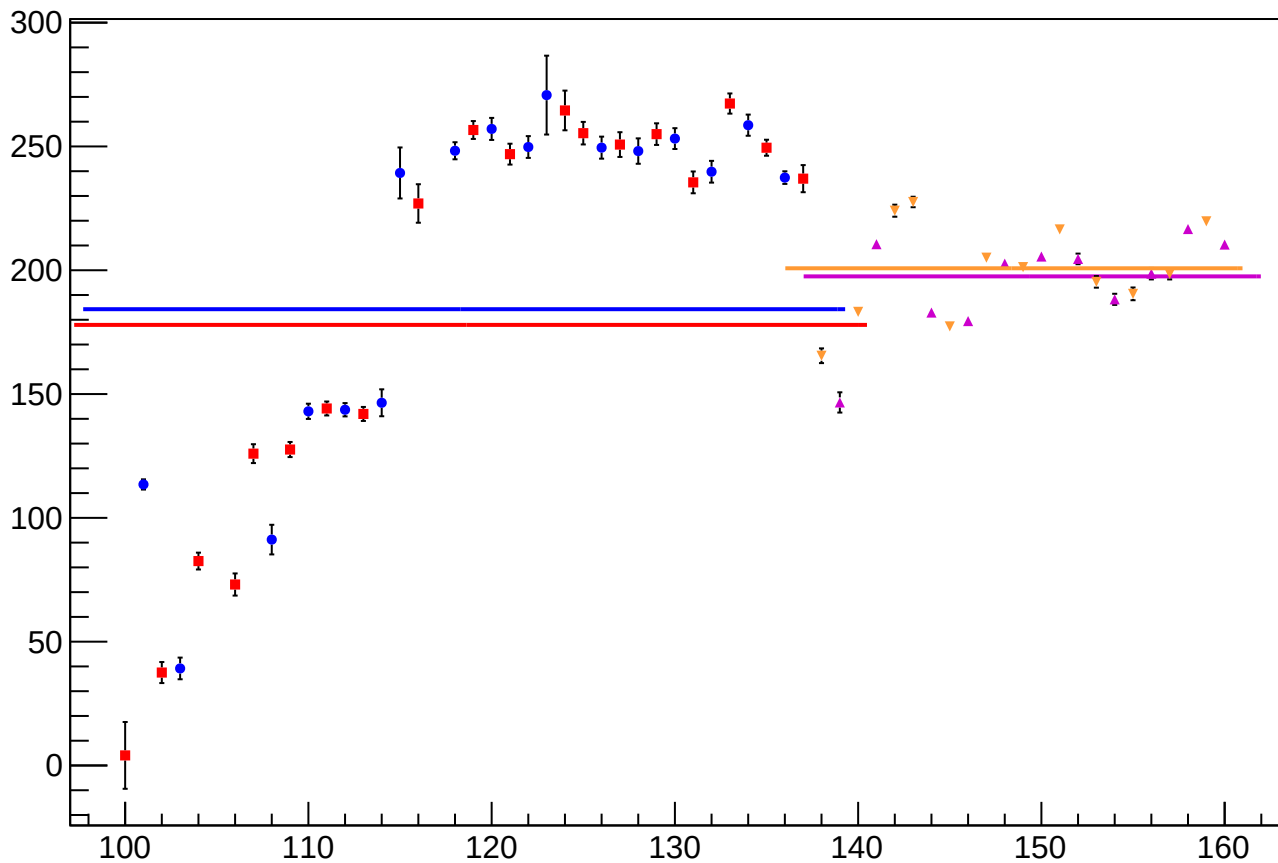
Left In: -132.753 ± 0.673 $\chi^2/\text{NDF}: 821.2/10$

+ sign -119.116 ± 0.619 $\chi^2/\text{NDF}: 3252.2/28$

All: -120.511 ± 0.432 $\chi^2/\text{NDF}: 6279.9/58$

- sign -121.834 ± 0.603 $\chi^2/\text{NDF}: 3017.7/29$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 200.791 $\pm$ 0.573 χ^2 /NDF:902.0/11

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

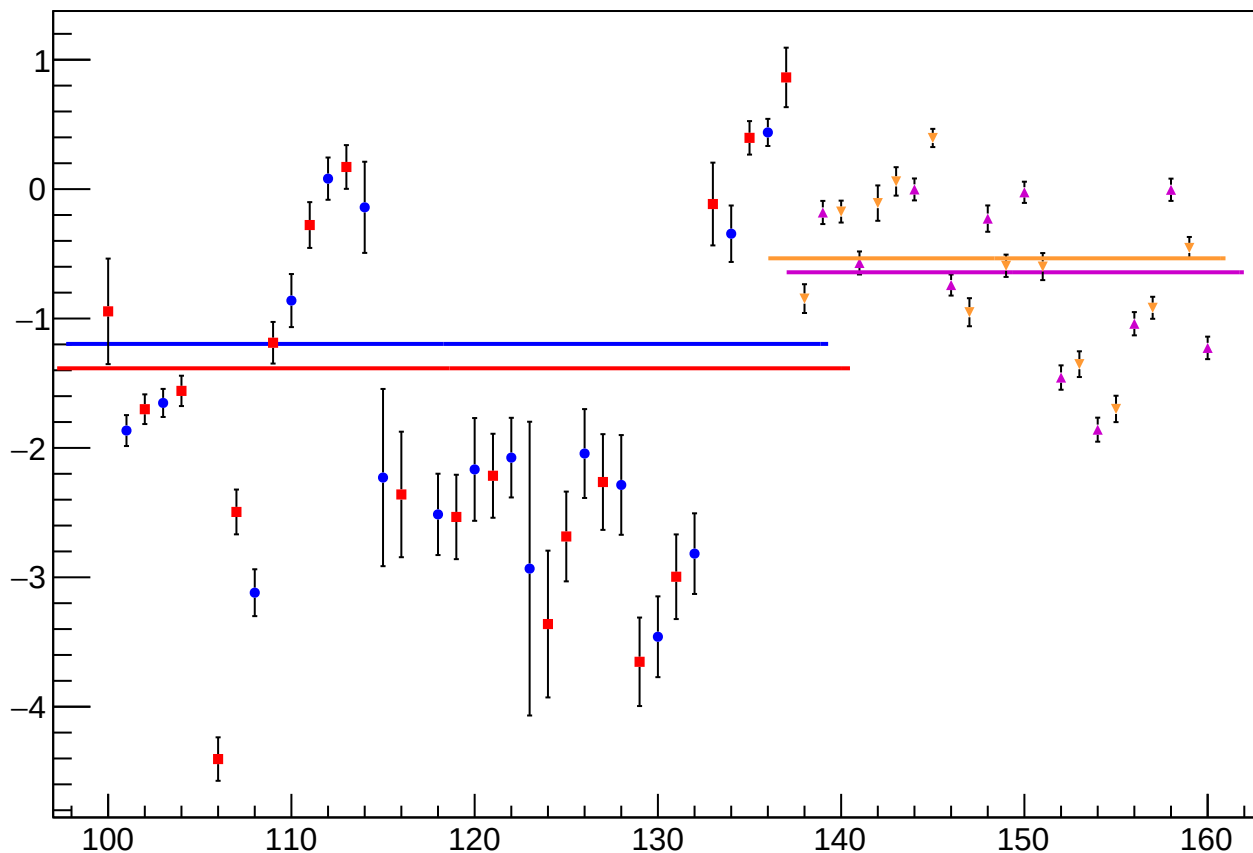
Left In: 197.523 $\pm$ 0.562 χ^2 /NDF:668.7/10

+ sign 196.123 $\pm$ 0.486 χ^2 /NDF: 6537.5/28

All: 194.154 $\pm$ 0.342 χ^2 /NDF: 13897.8/58

- 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: -0.535 ± 0.027 χ^2/NDF : 474.6/11

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

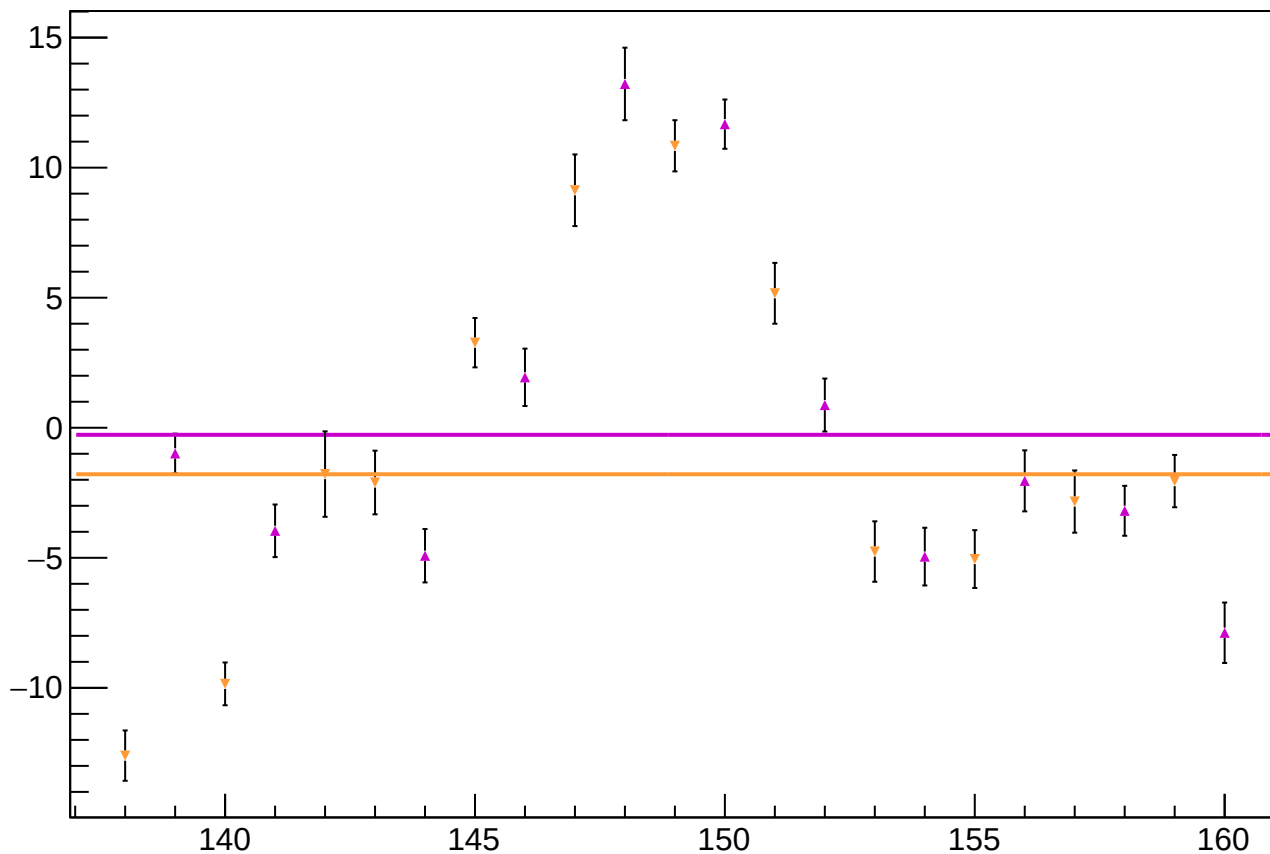
Left In: -0.643 ± 0.027 χ^2/NDF : 525.2/10

+ sign -0.696 ± 0.024 χ^2/NDF : 1240.8/28

All: -0.765 ± 0.017 χ^2/NDF : 2903.3/58

- 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: -1.788+/-0.313 χ^2/NDF : 528.2/11

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

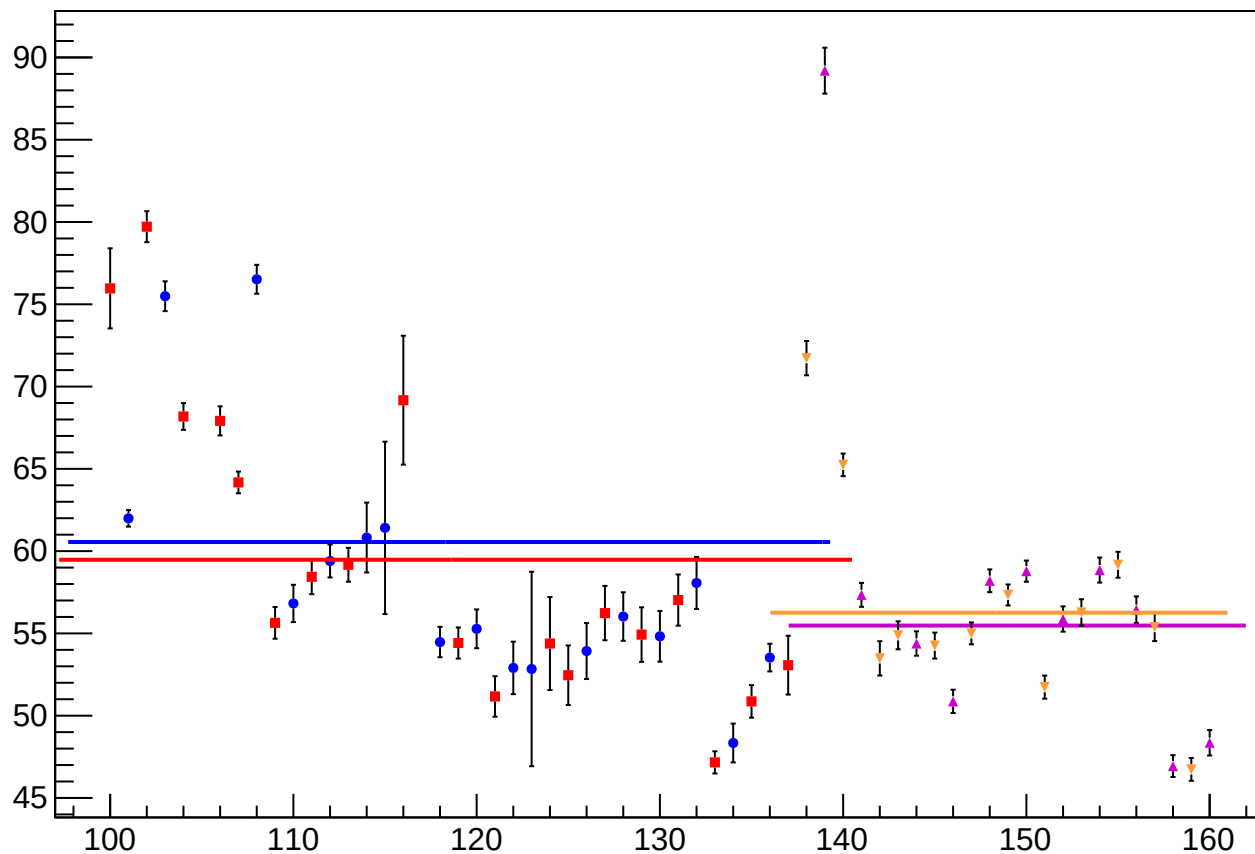
Left In: -0.272+/-0.309 χ^2/NDF : 364.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.021+/-0.220 χ^2/NDF : 904.9/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 56.259 $\pm$ 0.222 χ^2 /NDF: 659.3/11

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

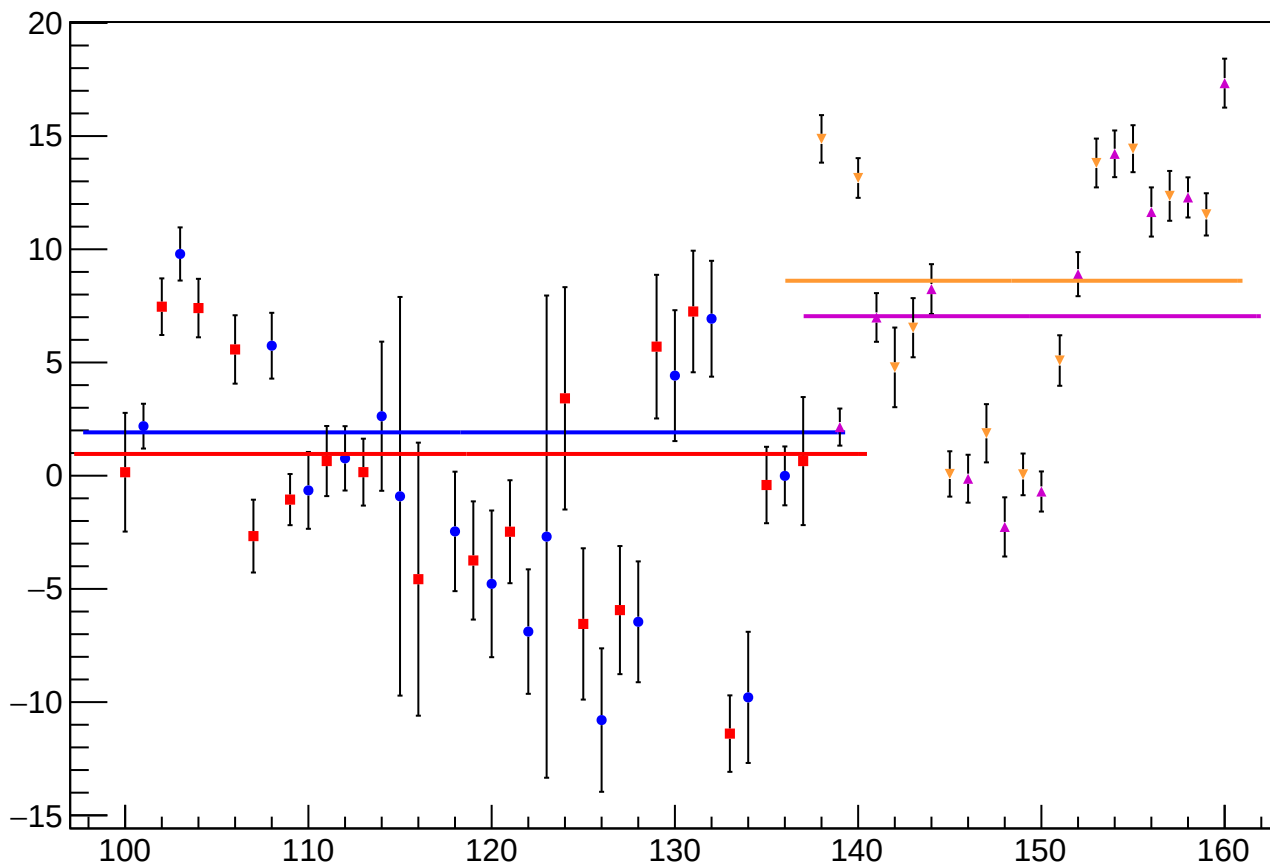
Left In: 55.476 $\pm$ 0.226 χ^2 /NDF: 948.0/10

+ sign 58.055 $\pm$ 0.169 χ^2 /NDF: 1746.9/28

All: 57.667 $\pm$ 0.119 χ^2 /NDF: 4164.7/58

- sign 57.290 $\pm$ 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: 8.610 ± 0.309 χ^2/NDF : 342.3/11

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

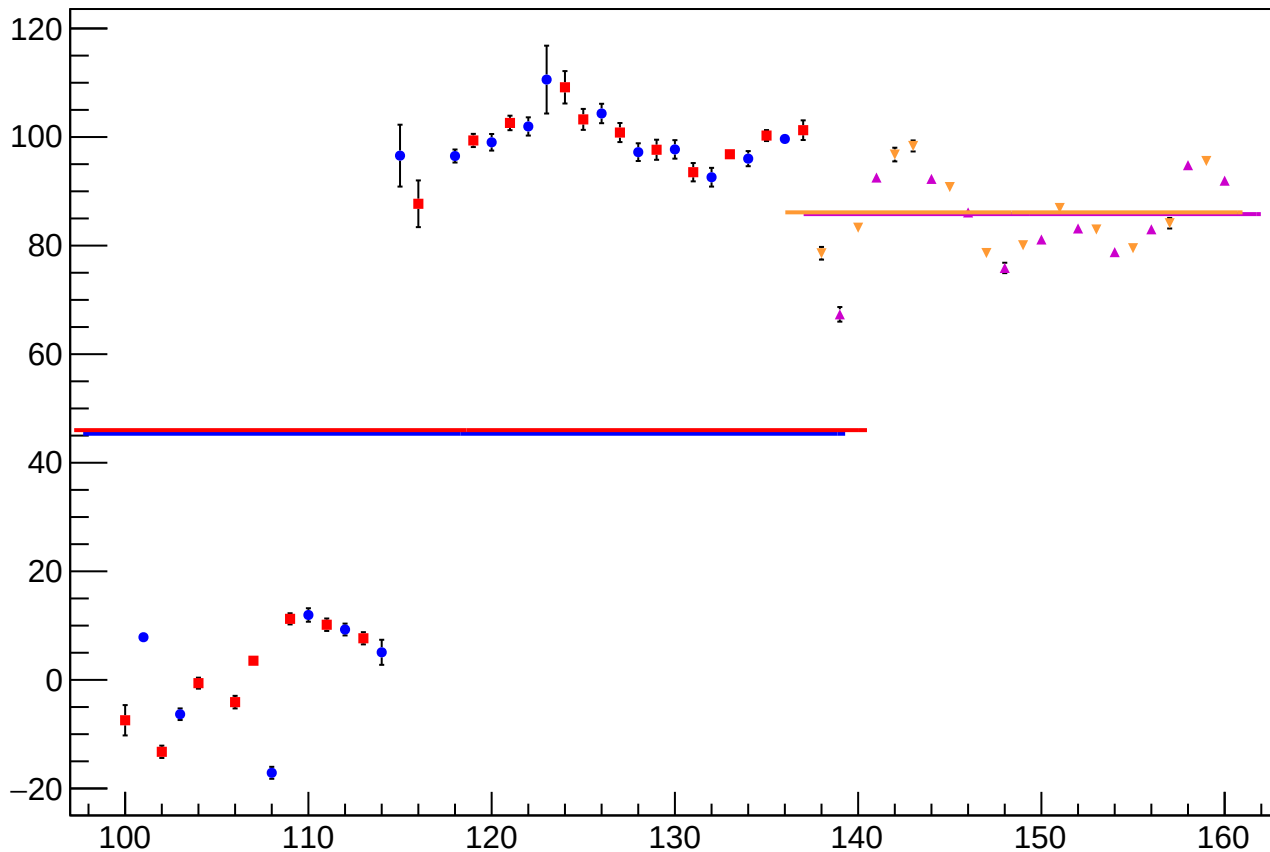
Left In: 7.045 ± 0.303 χ^2/NDF : 405.7/10

+ sign 6.513 ± 0.256 χ^2/NDF : 610.9/28

All: 5.723 ± 0.178 χ^2/NDF : 1320.6/58

- 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: 86.126 $\pm$ 0.262 χ^2 /NDF: 665.7/11

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

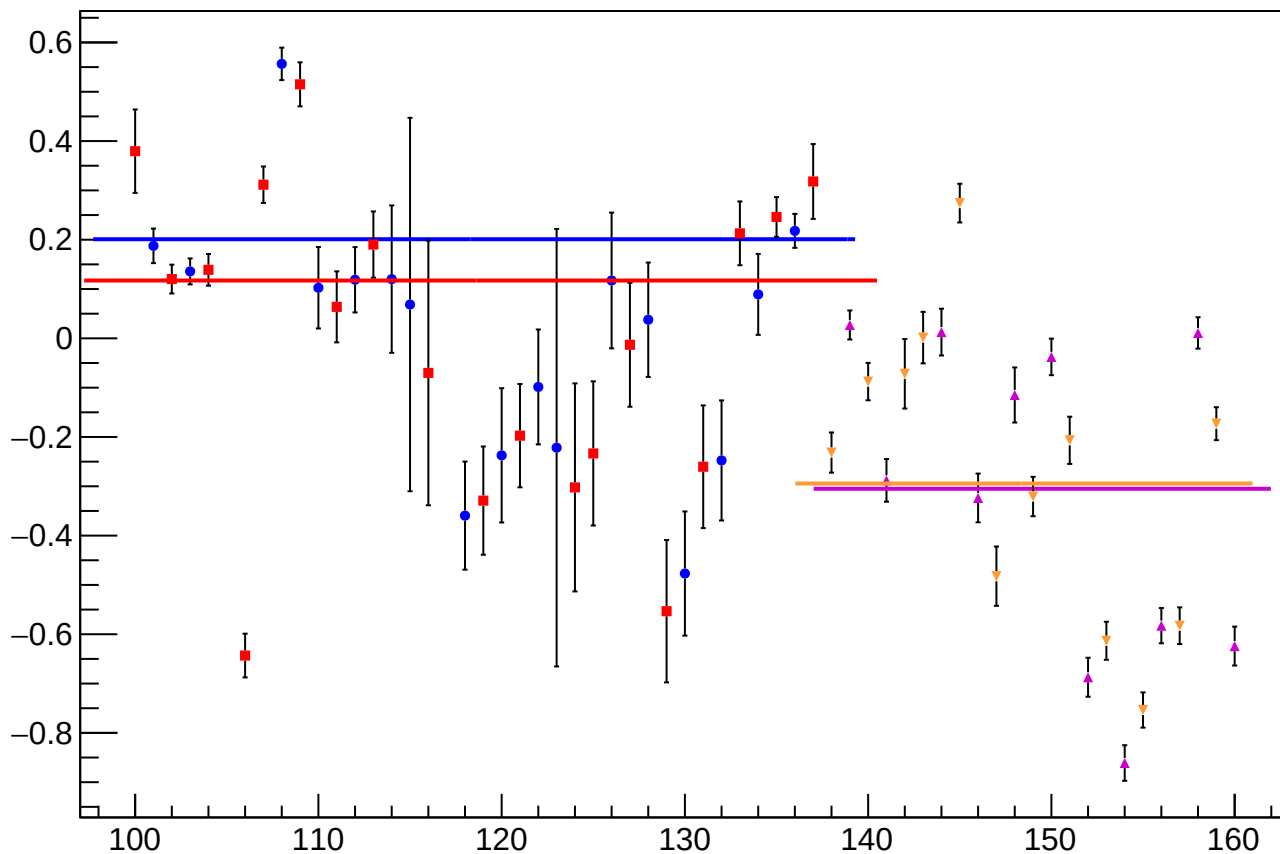
Left In: 85.801 $\pm$ 0.262 χ^2 /NDF: 752.1/10

+ sign 68.691 $\pm$ 0.198 χ^2 /NDF: 36091.3/28

All: 68.274 $\pm$ 0.139 χ^2 /NDF: 75457.6/58

- 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: -0.294 ± 0.012 χ^2/NDF : 604.5/11

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

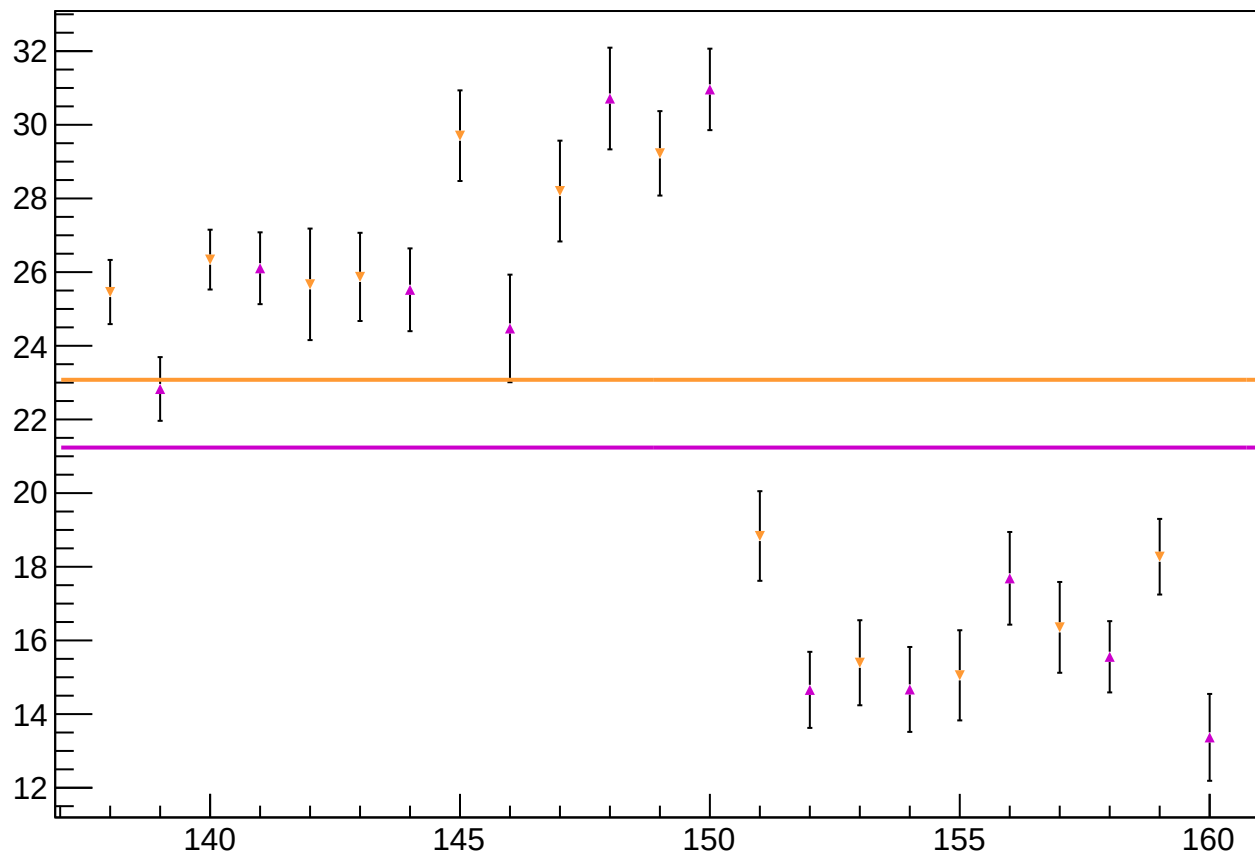
Left In: -0.305 ± 0.012 χ^2/NDF : 791.3/10

+ sign -0.085 ± 0.009 χ^2/NDF : 1541.4/28

All: -0.102 ± 0.006 χ^2/NDF : 3425.7/58

- 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: 23.077+/-0.322 χ^2/NDF :254.8/11

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

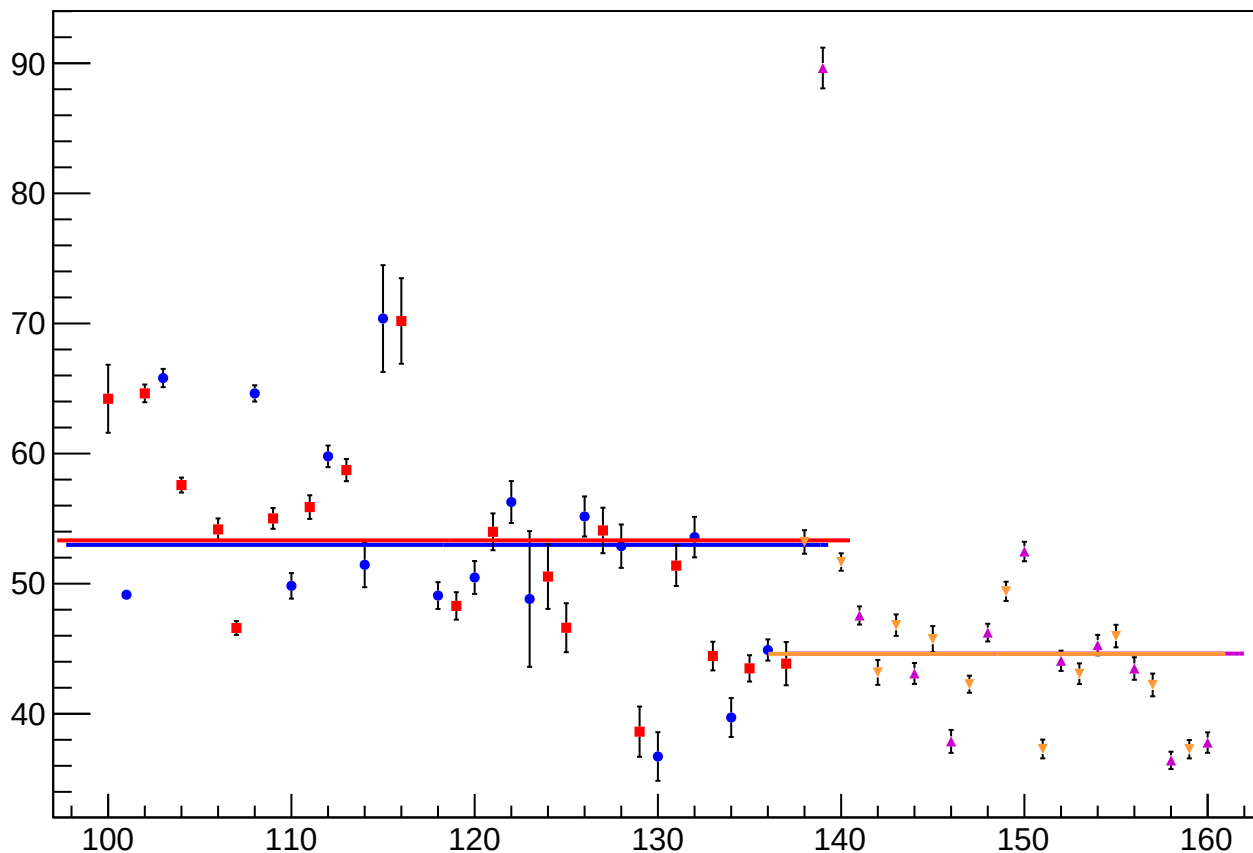
Left In: 21.237+/-0.331 χ^2/NDF :332.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.182+/-0.231 χ^2/NDF : 602.8/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 ± 0.210 $\chi^2/\text{NDF}: 1197.8/16$

Left Out: 44.607 ± 0.228 $\chi^2/\text{NDF}: 490.9/11$

Right Out: 53.328 ± 0.227 $\chi^2/\text{NDF}: 872.7/18$

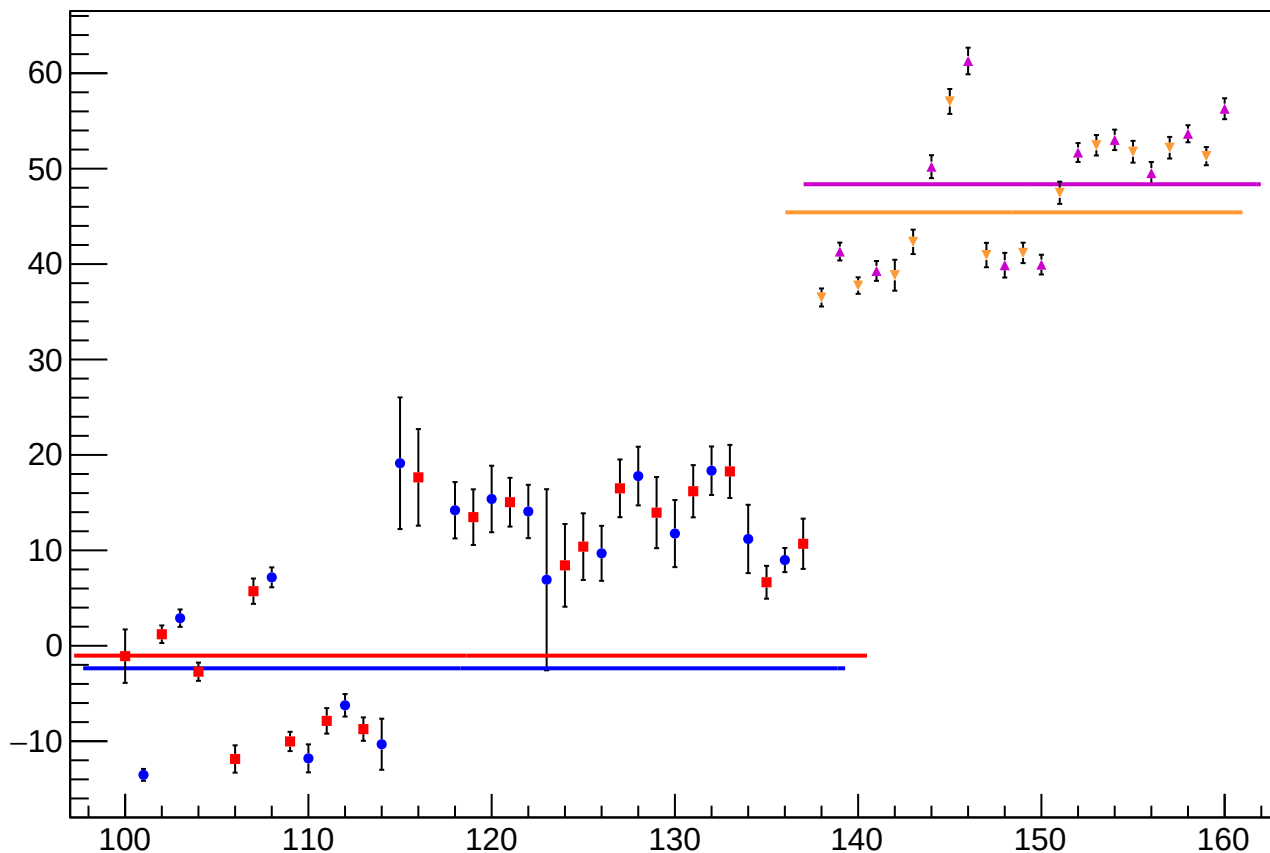
Left In: 44.626 ± 0.238 $\chi^2/\text{NDF}: 1254.3/10$

+ sign 49.128 ± 0.154 $\chi^2/\text{NDF}: 2419.2/28$

All: 49.152 ± 0.112 $\chi^2/\text{NDF}: 5248.6/58$

- sign 49.180 ± 0.164 $\chi^2/\text{NDF}: 2829.4/29$

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 45.420 ± 0.320 χ^2/NDF : 448.5/11

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

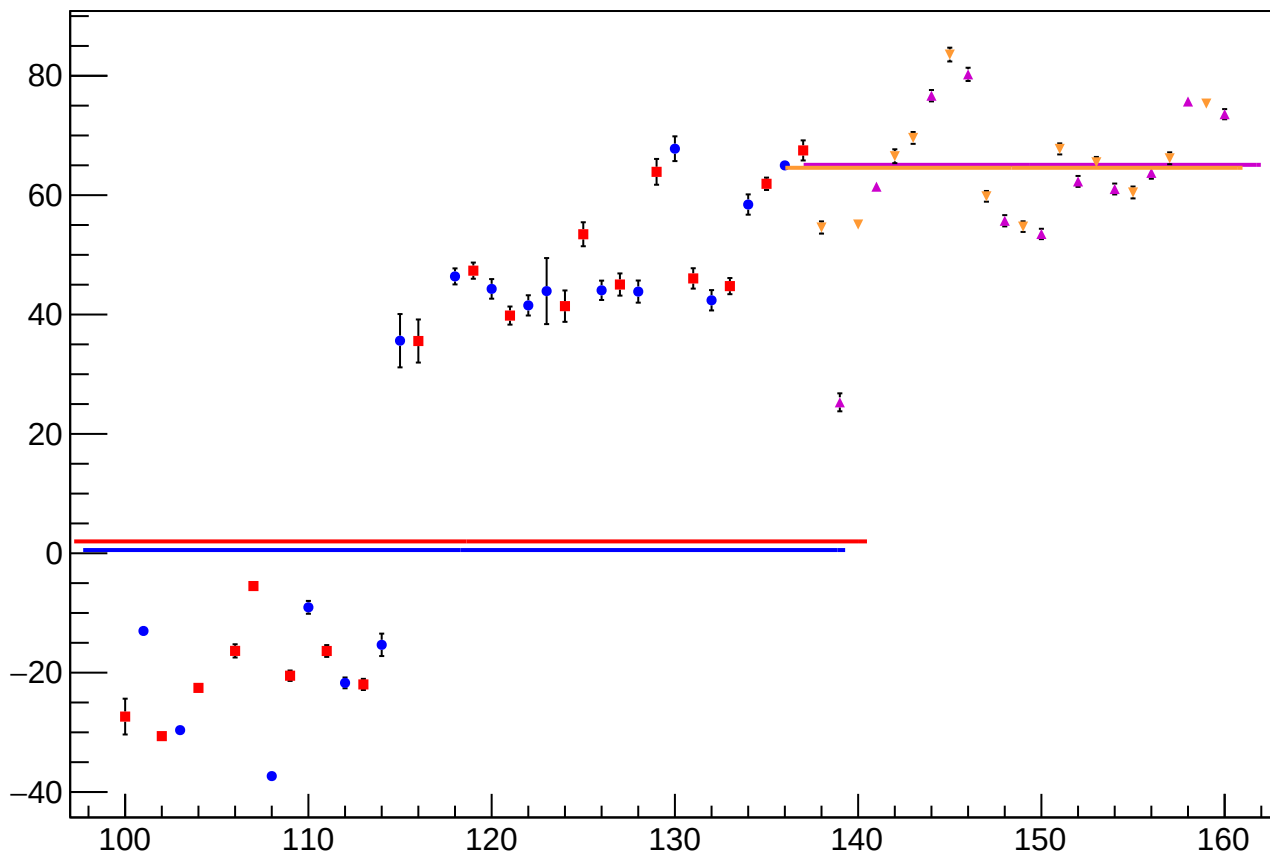
Left In: 48.365 ± 0.324 χ^2/NDF : 449.1/10

+ sign 24.589 ± 0.240 χ^2/NDF : 11017.8/28

All: 25.948 ± 0.172 χ^2/NDF : 21917.7/58

- sign 27.370 ± 0.246 χ^2/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: 64.585+/-0.270 χ^2/NDF : 924.5/11

Right Out: 1.990+/-0.267 χ^2/NDF : 15476.7/18

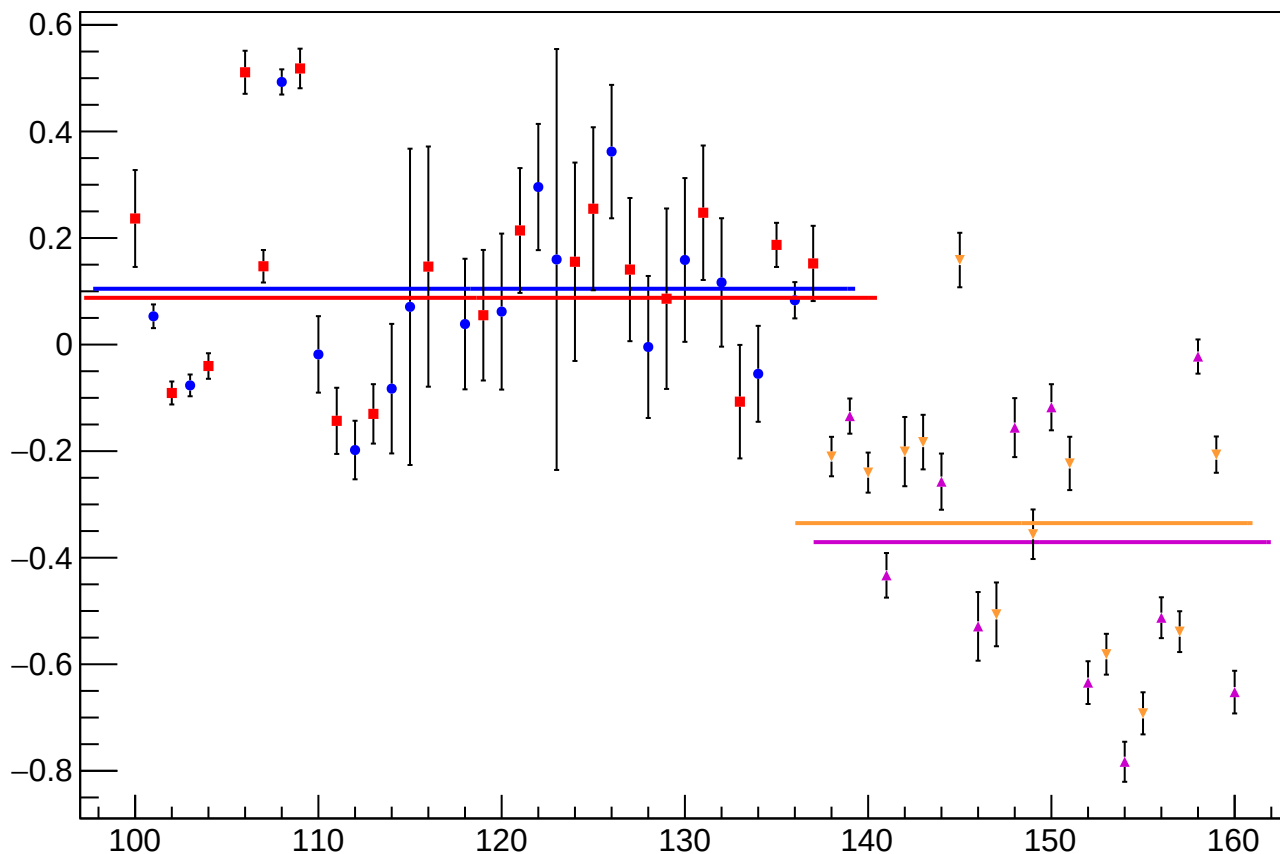
Left In: 65.081+/-0.277 χ^2/NDF : 1687.8/10

+ sign 29.665+/-0.182 χ^2/NDF : 49994.2/28

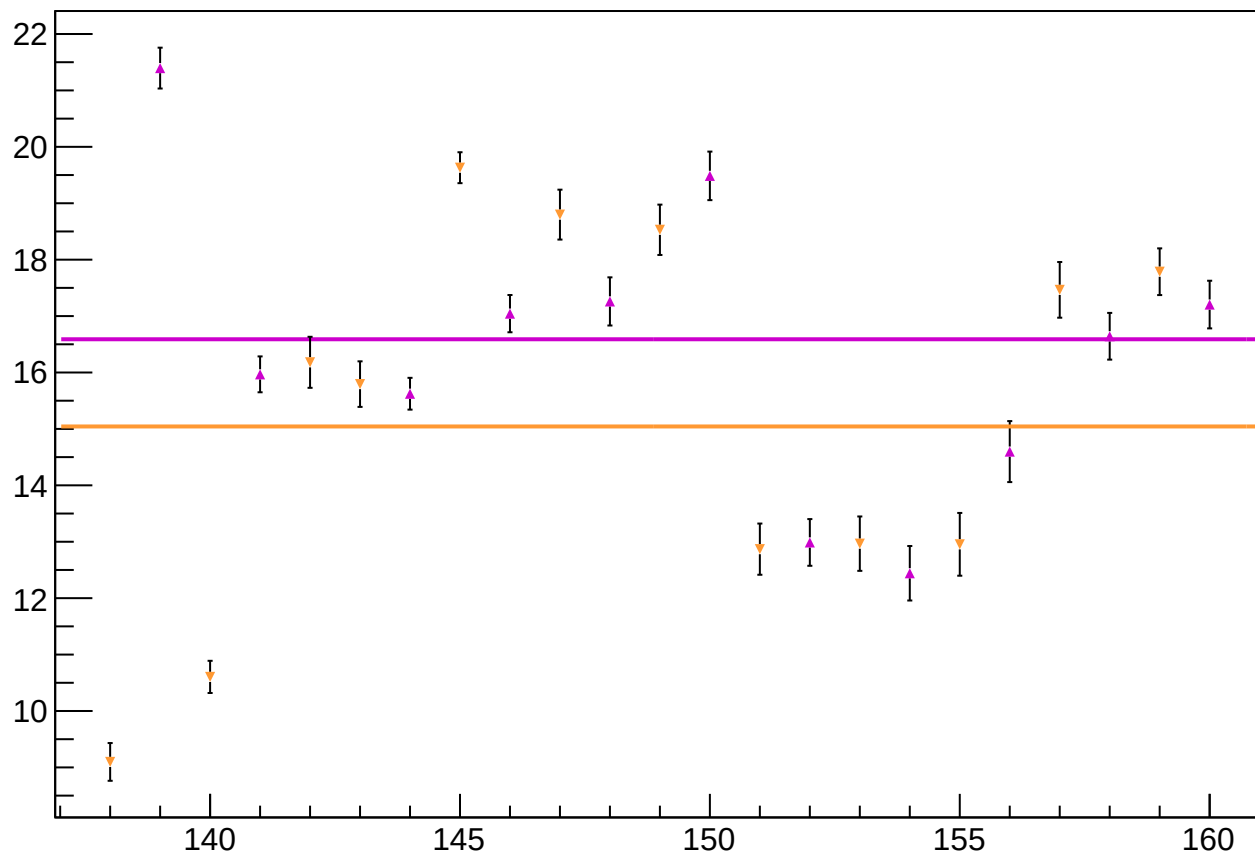
All: 30.943+/-0.132 χ^2/NDF : 94238.7/58

- sign 32.361+/-0.192 χ^2/NDF : 44140.7/29

reg_asym_sam6_diff_bpm12X_slope vs Slug



reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 15.043+/-0.113 χ^2/NDF :1104.4/11

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

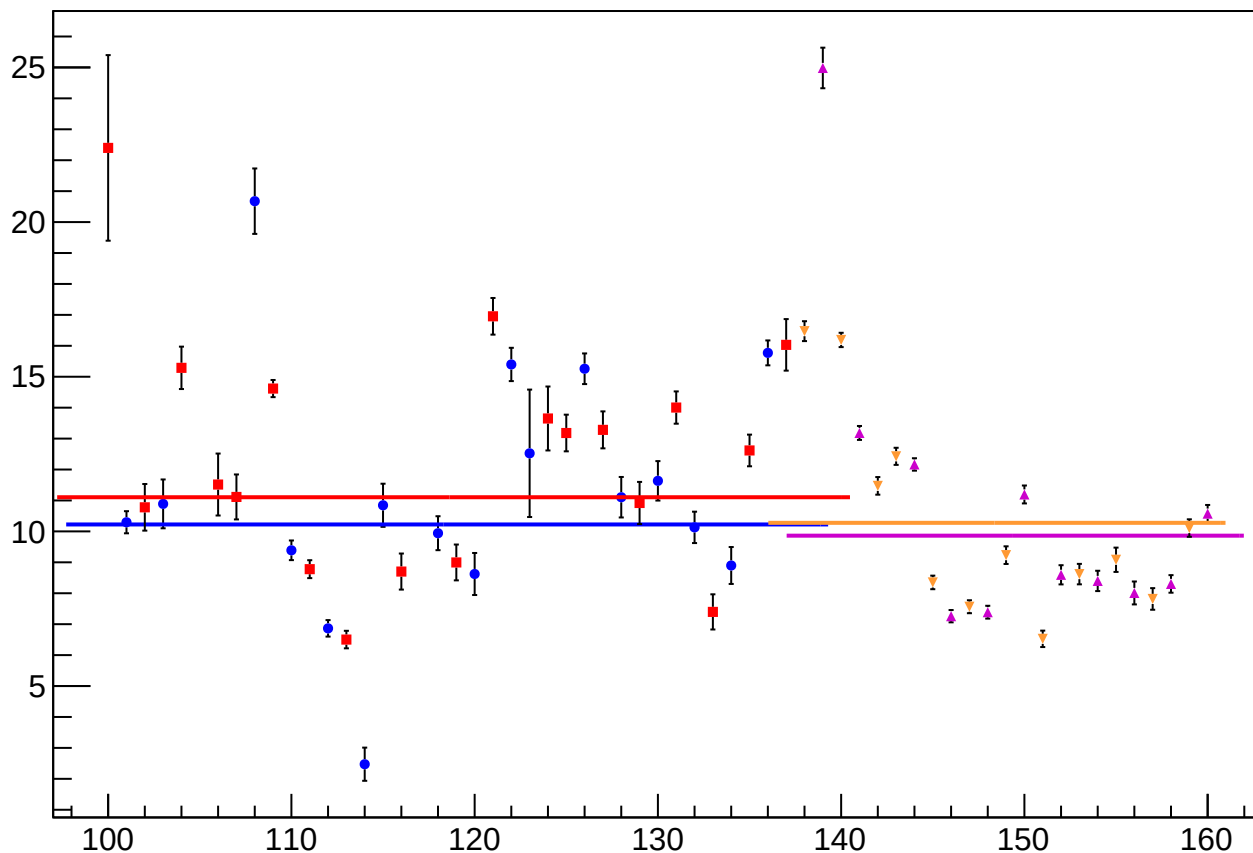
Left In: 16.589+/-0.115 χ^2/NDF :406.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.802+/-0.081 χ^2/NDF : 1602.5/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 $\pm$ 0.119 χ^2/NDF : 877.6/16

Left Out: 10.277 $\pm$ 0.079 χ^2/NDF : 1644.0/11

Right Out: 11.104 $\pm$ 0.116 χ^2/NDF : 817.2/18

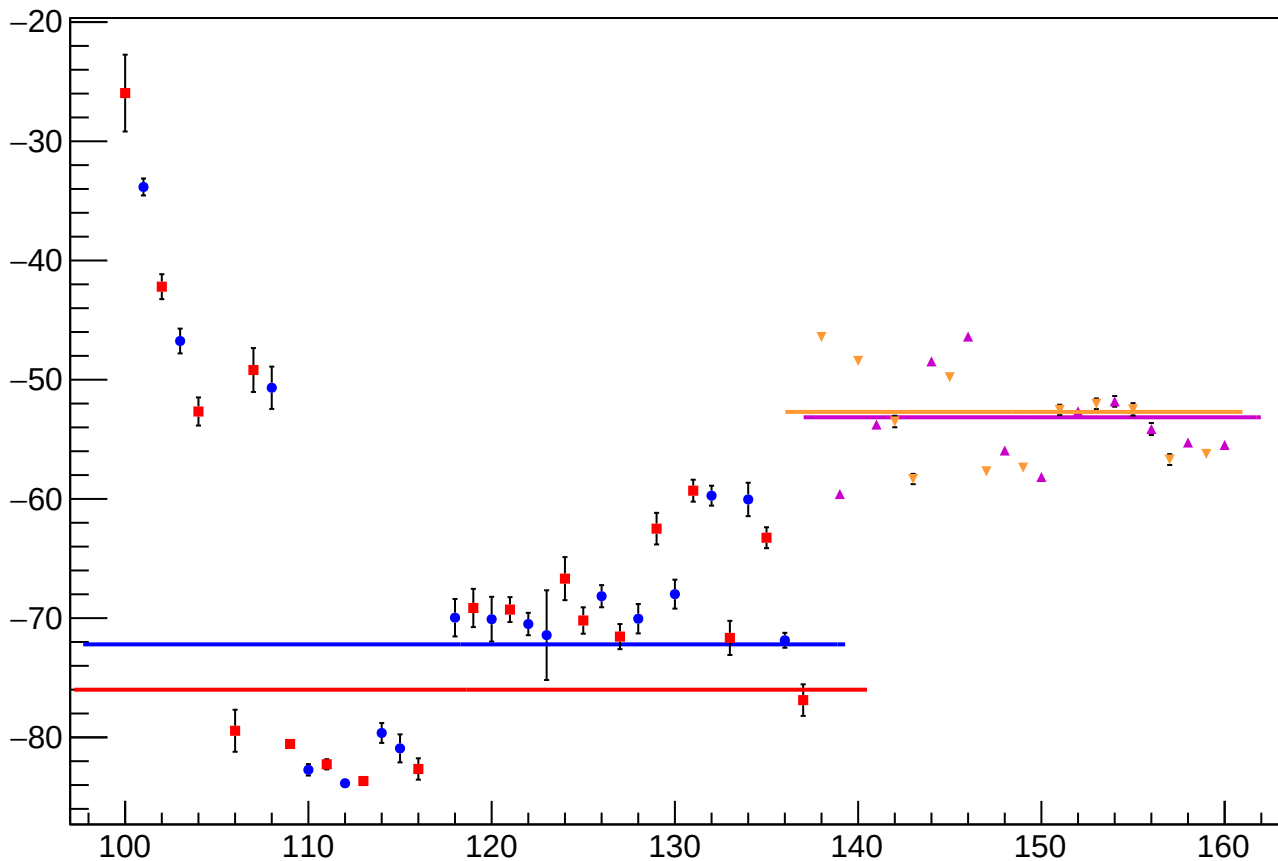
Left In: 9.862 $\pm$ 0.079 χ^2/NDF : 1312.9/10

+ sign 10.261 $\pm$ 0.066 χ^2/NDF : 2521.7/28

All: 10.258 $\pm$ 0.046 χ^2/NDF : 4729.7/58

- sign 10.255 $\pm$ 0.065 χ^2/NDF : 2208.0/29

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 $\chi^2/\text{NDF}: 5566.9/16$

Left Out: -52.701 ± 0.114 $\chi^2/\text{NDF}: 1206.7/11$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.4/18$

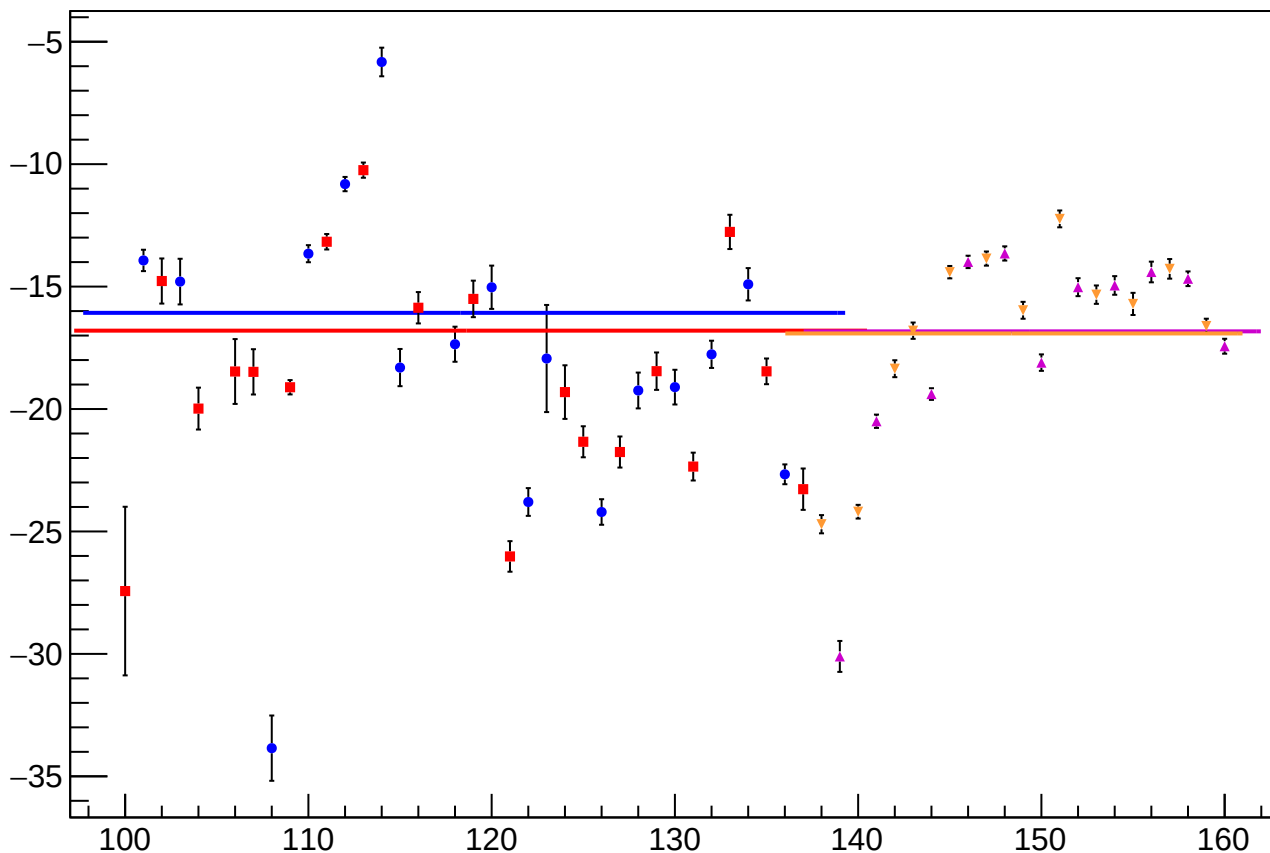
Left In: -53.153 ± 0.114 $\chi^2/\text{NDF}: 1255.4/10$

+ sign -57.563 ± 0.099 $\chi^2/\text{NDF}: 14077.0/28$

All: -58.620 ± 0.069 $\chi^2/\text{NDF}: 30452.2/58$

- sign -59.626 ± 0.096 $\chi^2/\text{NDF}: 16151.6/29$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -16.914 ± 0.095 $\chi^2/\text{NDF}: 1602.4/11$

Right Out: -16.799 ± 0.128 $\chi^2/\text{NDF}: 1215.8/18$

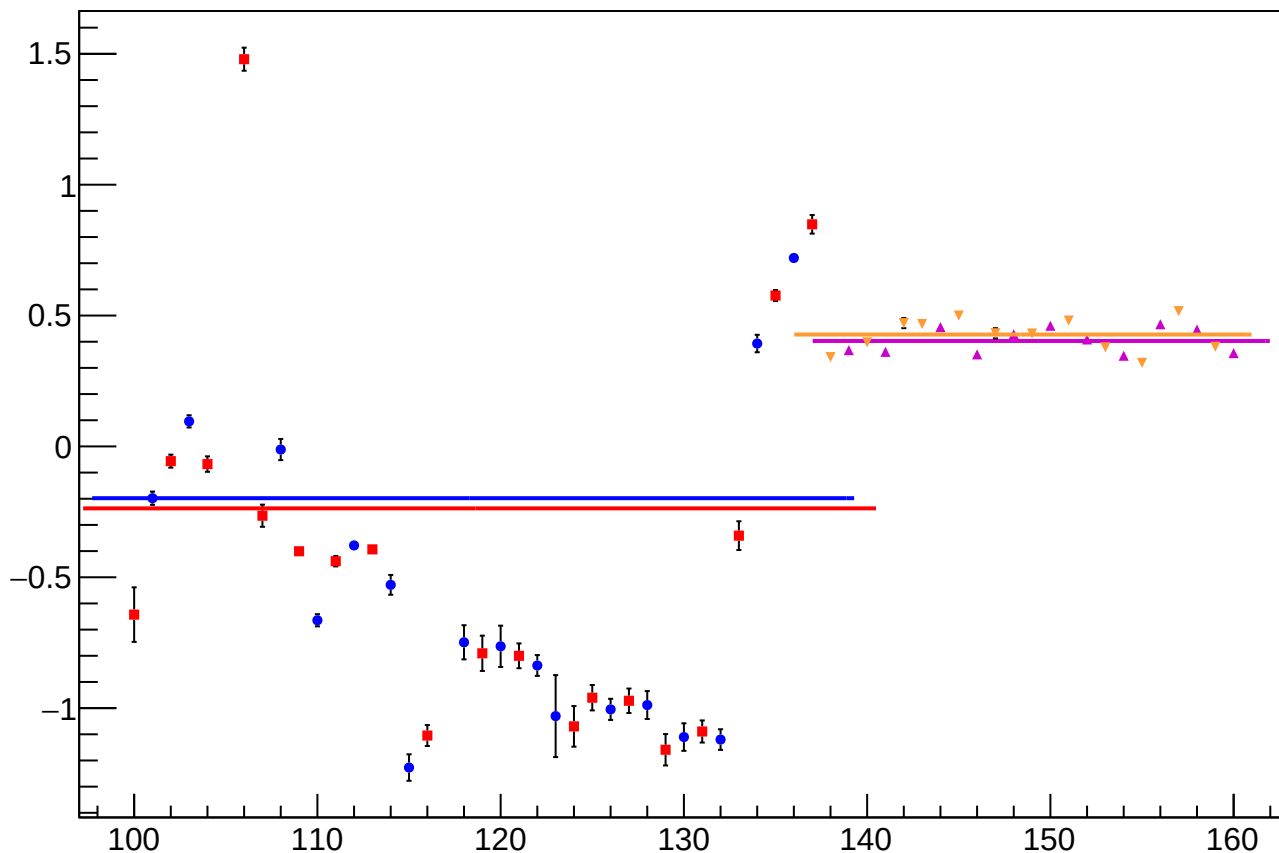
Left In: -16.828 ± 0.095 $\chi^2/\text{NDF}: 1136.4/10$

+ sign -16.628 ± 0.077 $\chi^2/\text{NDF}: 3270.1/28$

All: -16.724 ± 0.054 $\chi^2/\text{NDF}: 5625.4/58$

- 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: 0.427 ± 0.005 χ^2/NDF : 190.7/11

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

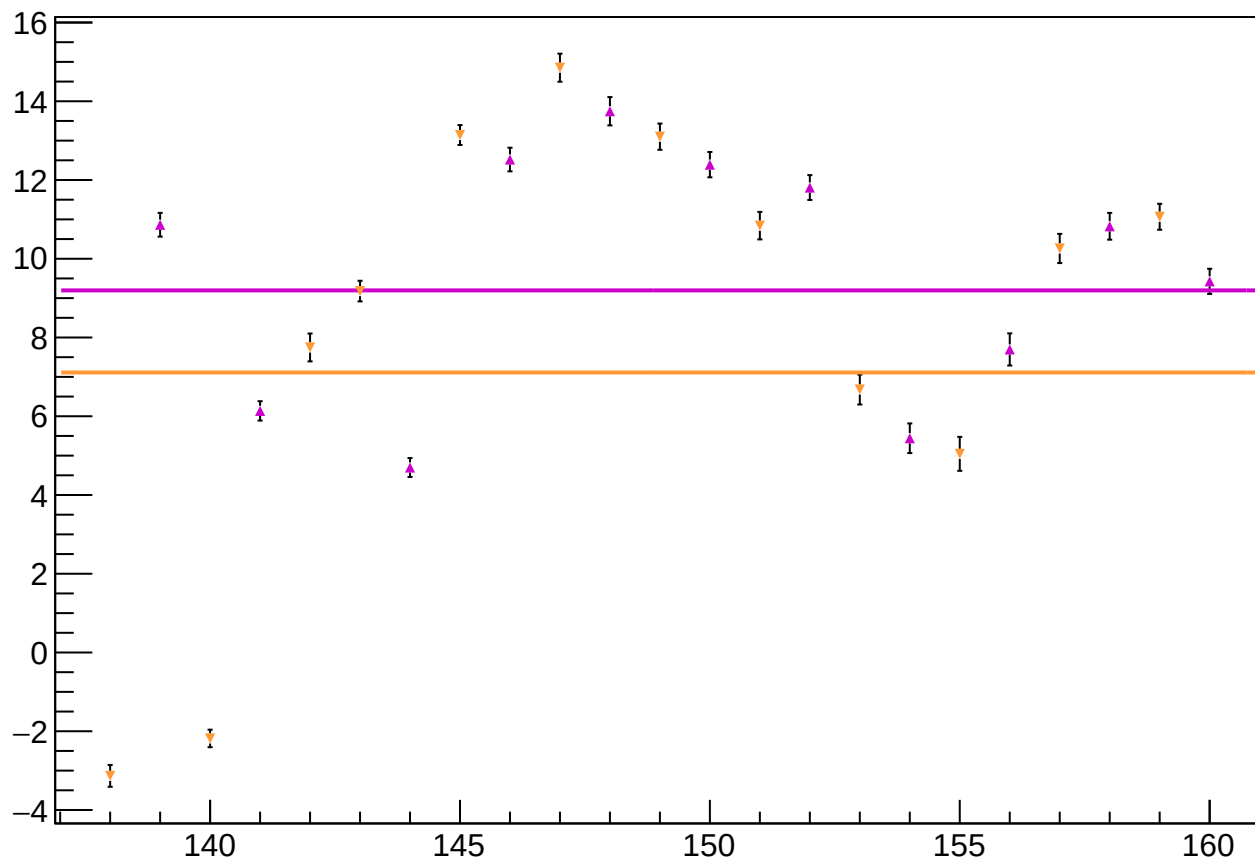
Left In: 0.403 ± 0.004 χ^2/NDF : 106.9/10

+ sign 0.263 ± 0.004 χ^2/NDF : 11599.5/28

All: 0.242 ± 0.003 χ^2/NDF : 23697.6/58

- sign 0.223 ± 0.004 χ^2/NDF : 12044.4/29

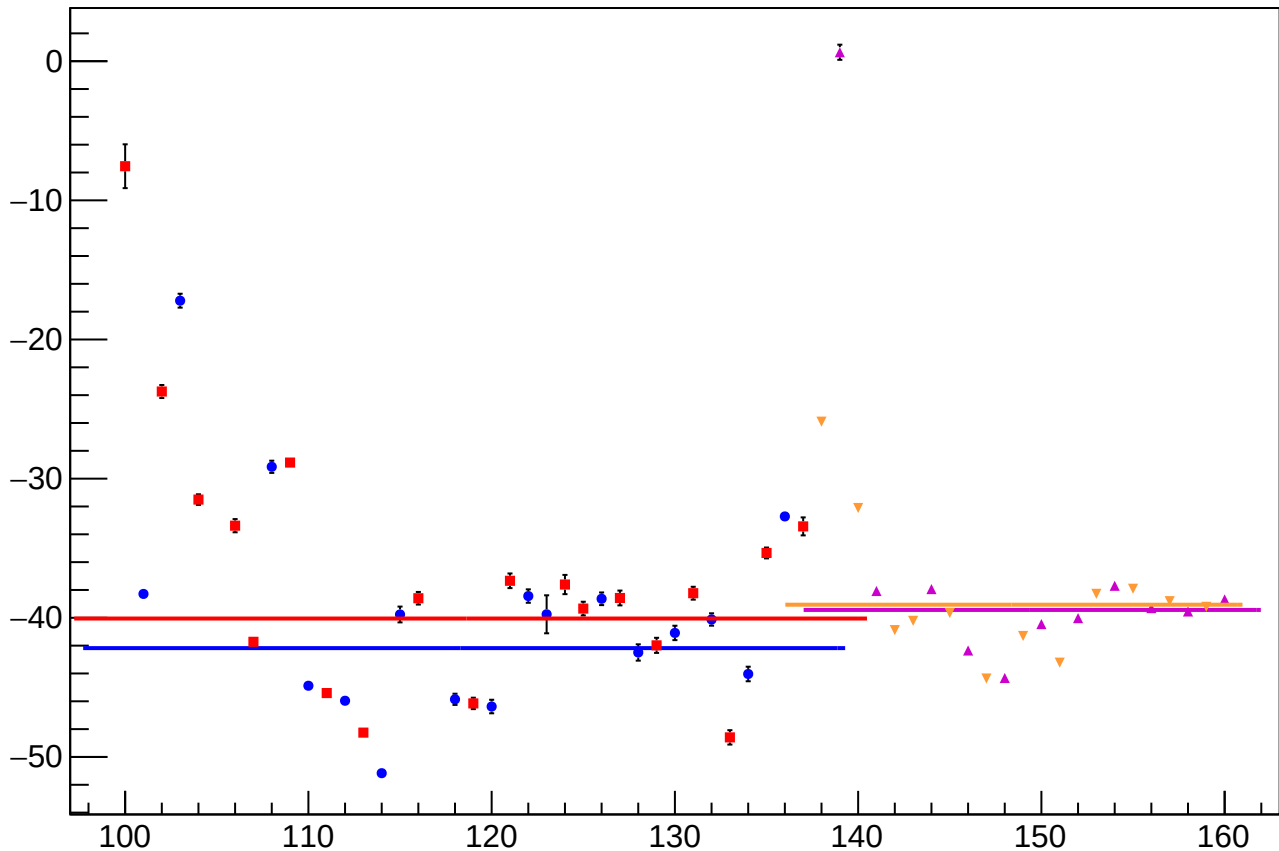
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.111+/-0.089 χ^2/NDF : 4888.8/11
 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: 8.109+/-0.065 χ^2/NDF : 6271.2/22
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 ± 0.078 χ^2/NDF : 6573.8/16

Left Out: -39.058 ± 0.062 χ^2/NDF : 5497.9/11

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

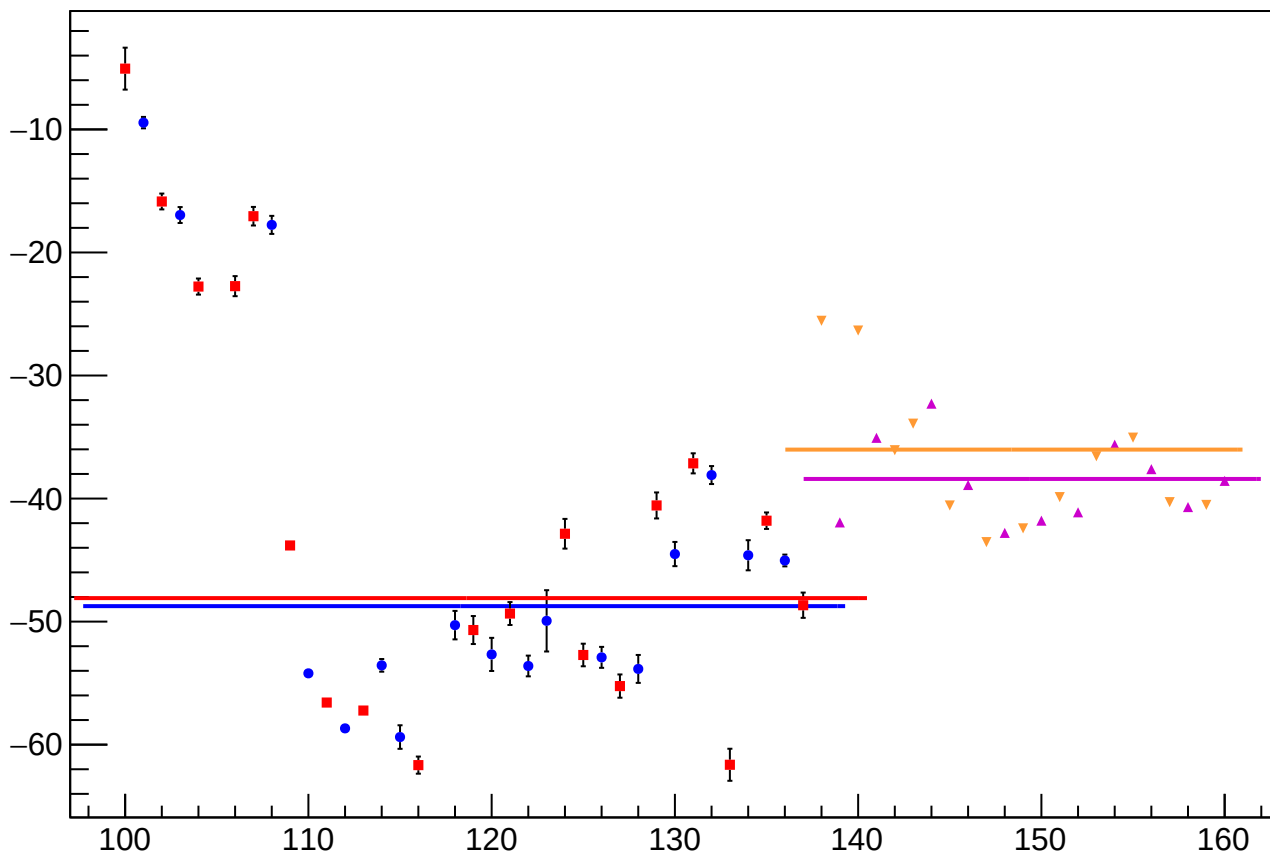
Left In: -39.435 ± 0.065 χ^2/NDF : 6657.5/10

+ sign -40.275 ± 0.049 χ^2/NDF : 13053.9/28

All: -39.990 ± 0.034 χ^2/NDF : 31133.6/58

- sign -39.707 ± 0.048 χ^2/NDF : 18011.2/29

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Left Out: -36.021 ± 0.090 χ^2/NDF : 4665.1/11

Right Out: -48.091 ± 0.107 χ^2/NDF : 11731.5/18

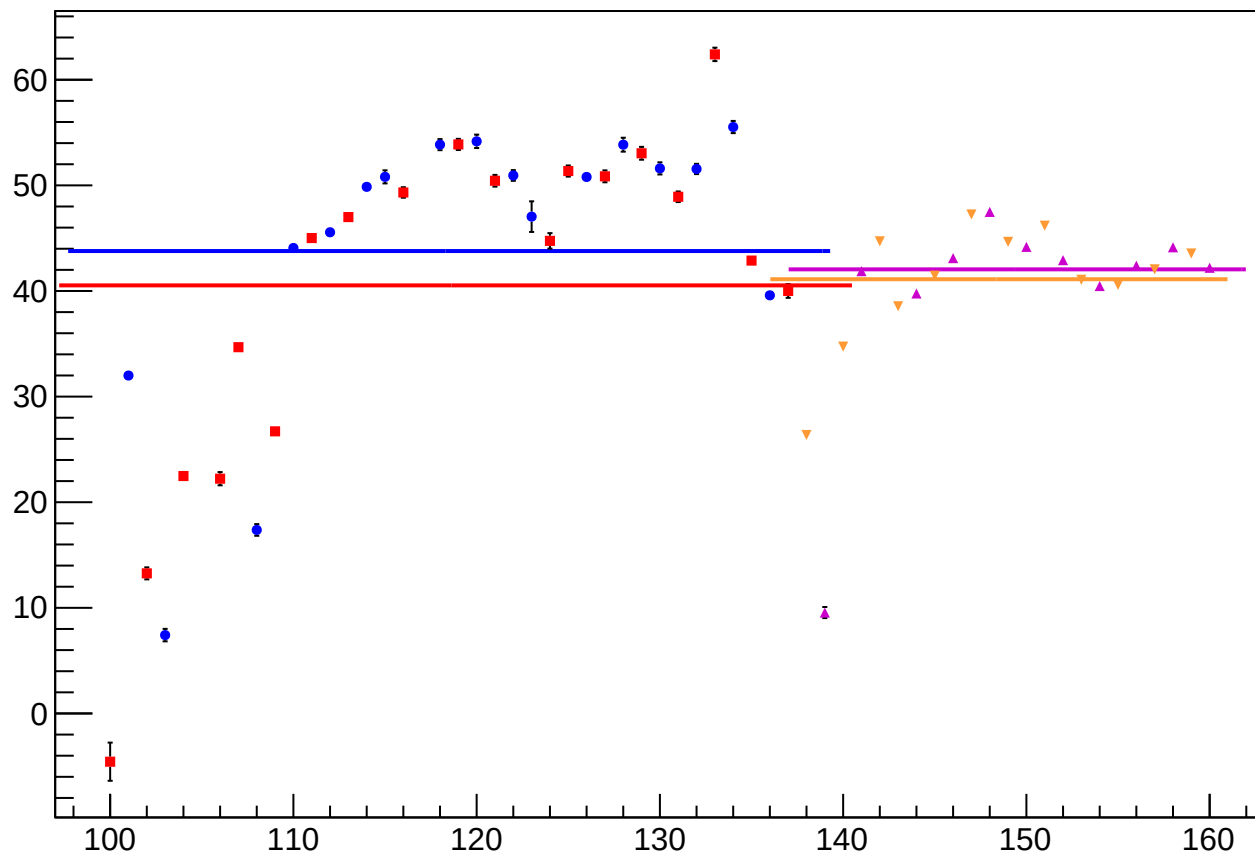
Left In: -38.406 ± 0.092 χ^2/NDF : 1346.5/10

+ sign -40.373 ± 0.073 χ^2/NDF : 26200.9/28

All: -41.484 ± 0.050 χ^2/NDF : 44432.6/58

- sign -42.503 ± 0.070 χ^2/NDF : 17785.3/29

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 41.115 $\pm$ 0.075 χ^2 /NDF: 4780.3/11

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

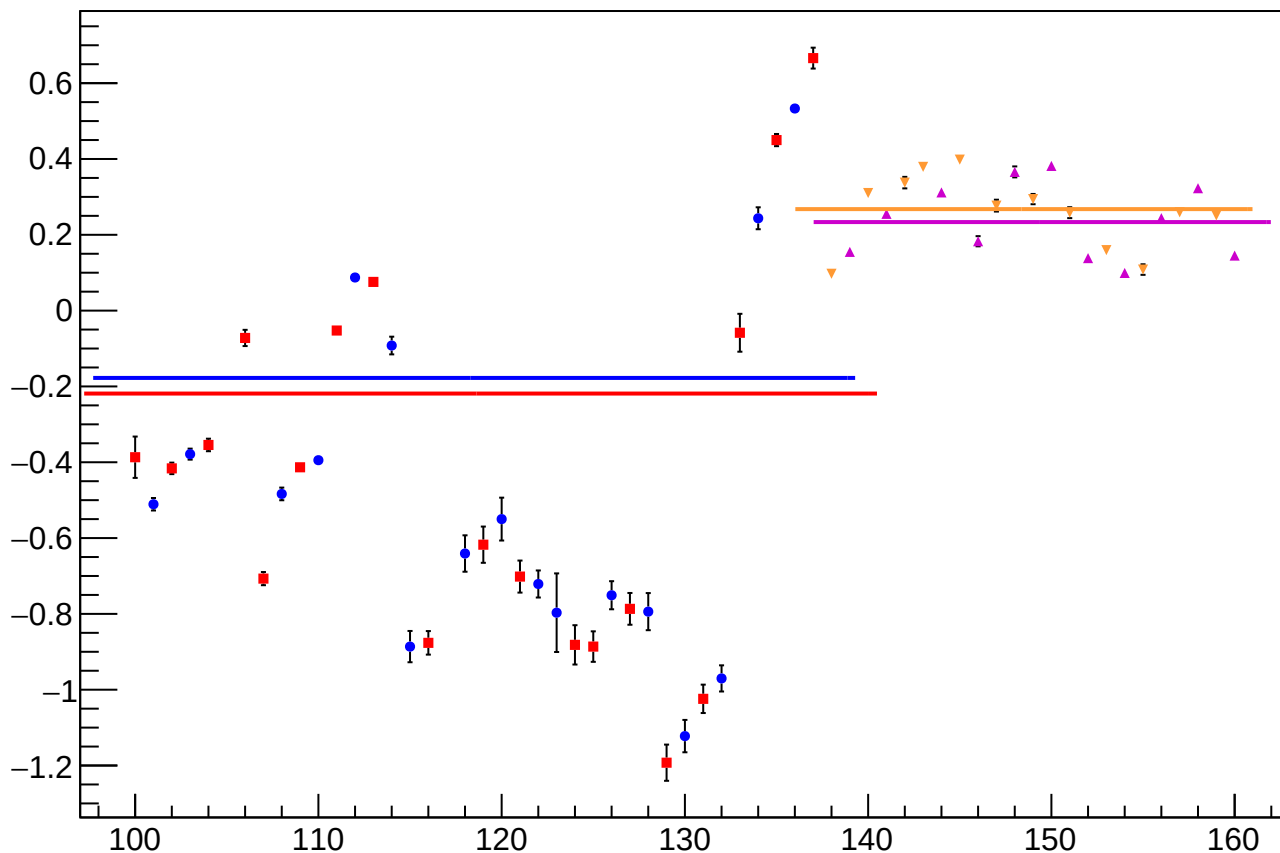
Left In: 42.048 $\pm$ 0.077 χ^2 /NDF: 4665.4/10

+ sign 42.250 $\pm$ 0.057 χ^2 /NDF: 15963.8/28

All: 41.778 $\pm$ 0.040 χ^2 /NDF: 38534.1/58

- sign 41.324 $\pm$ 0.055 χ^2 /NDF: 22433.5/29

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 $\chi^2/\text{NDF}: 7375.8/16$

Left Out: 0.268 ± 0.004 $\chi^2/\text{NDF}: 706.7/11$

Right Out: -0.219 ± 0.004 $\chi^2/\text{NDF}: 7470.0/18$

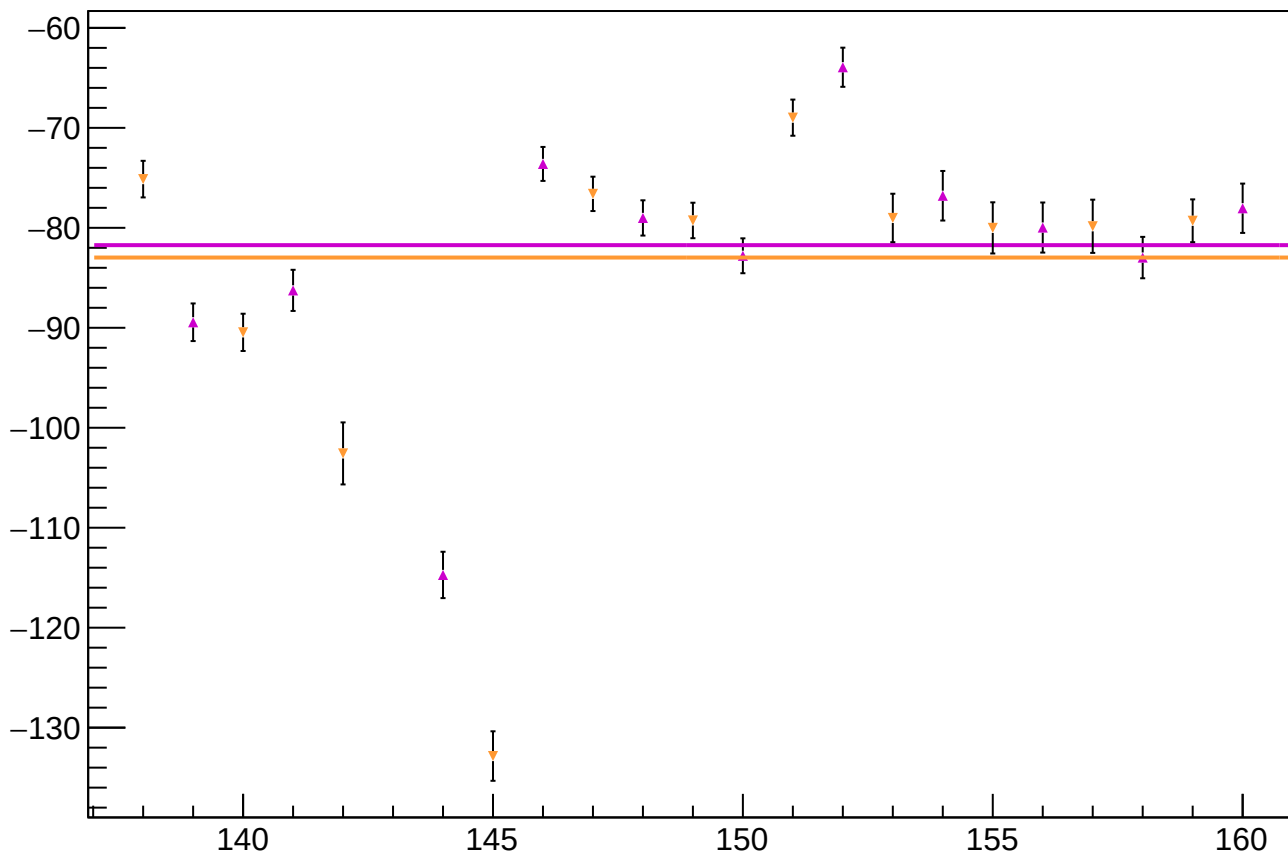
Left In: 0.234 ± 0.004 $\chi^2/\text{NDF}: 644.9/10$

+ sign 0.112 ± 0.003 $\chi^2/\text{NDF}: 13594.2/28$

All: 0.078 ± 0.002 $\chi^2/\text{NDF}: 28480.2/58$

- sign 0.047 ± 0.003 $\chi^2/\text{NDF}: 14621.8/29$

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -82.973+/-0.633 χ^2/NDF : 566.4/10

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

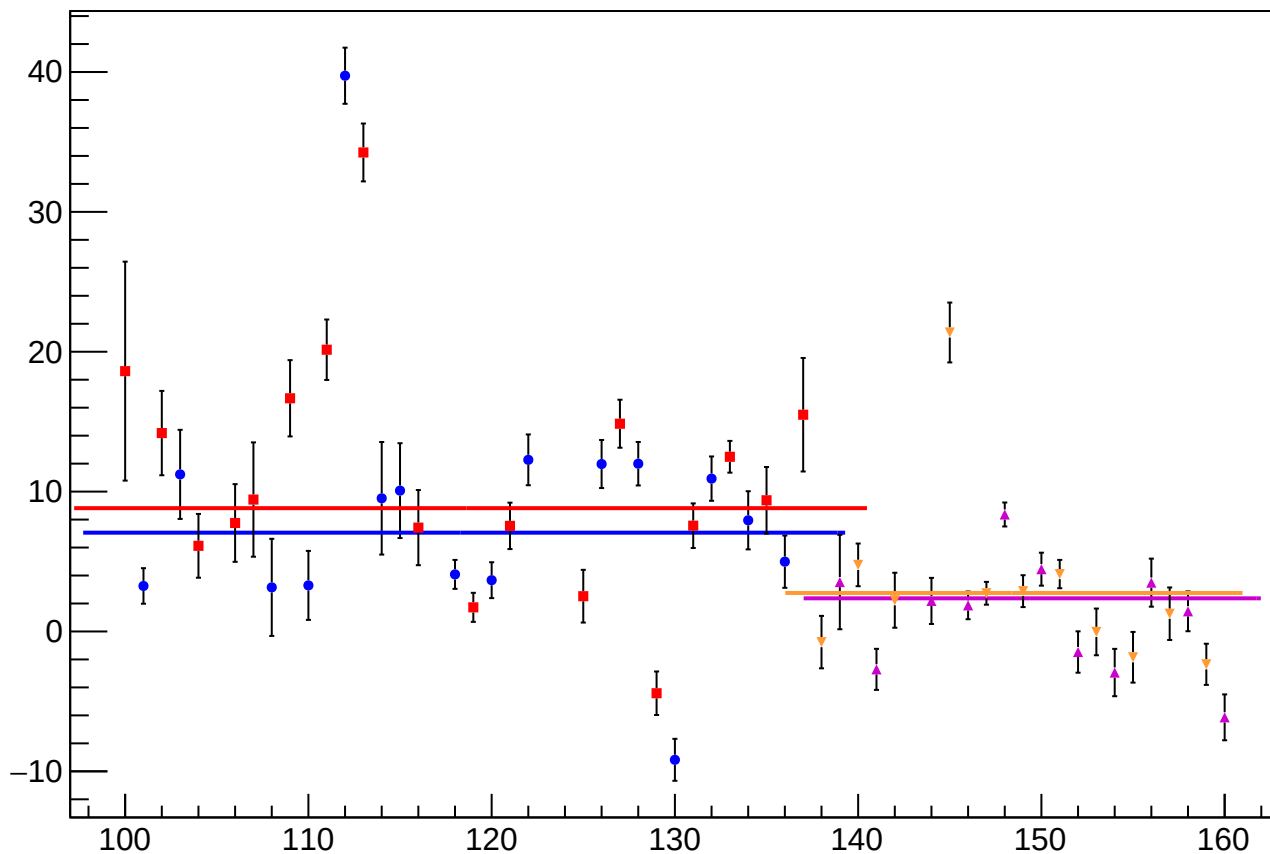
Left In: -81.734+/-0.611 χ^2/NDF : 339.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.332+/-0.439 χ^2/NDF : 908.0/21

- 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 $\chi^2/\text{NDF}: 446.9/15$

Left Out: 2.753 ± 0.413 $\chi^2/\text{NDF}: 104.7/10$

Right Out: 8.816 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

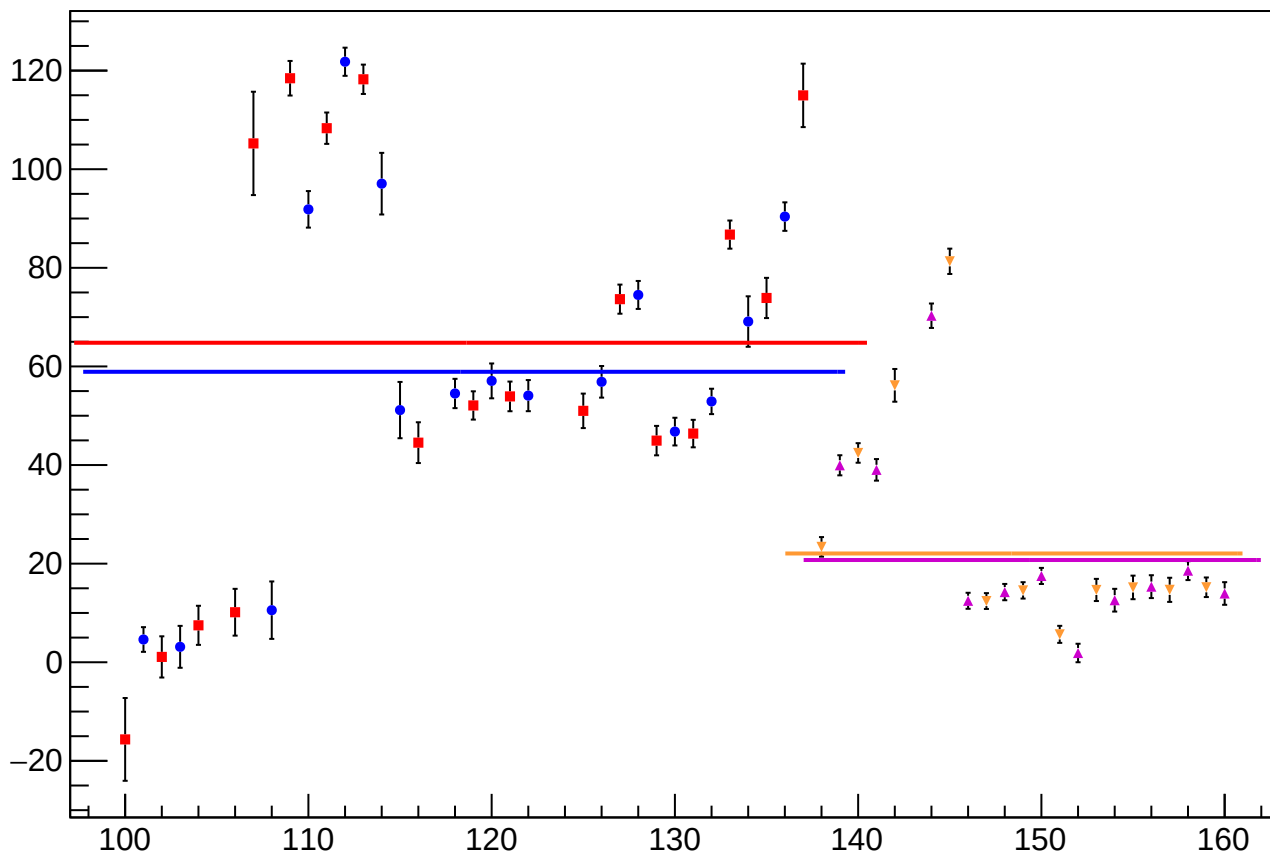
Left In: 2.369 ± 0.407 $\chi^2/\text{NDF}: 108.8/10$

+ sign 4.806 ± 0.299 $\chi^2/\text{NDF}: 603.3/26$

All: 5.040 ± 0.212 $\chi^2/\text{NDF}: 1176.9/55$

- sign 5.279 ± 0.302 $\chi^2/\text{NDF}: 572.3/28$

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 22.061 $\pm$ 0.617 χ^2 /NDF: 930.3/10

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

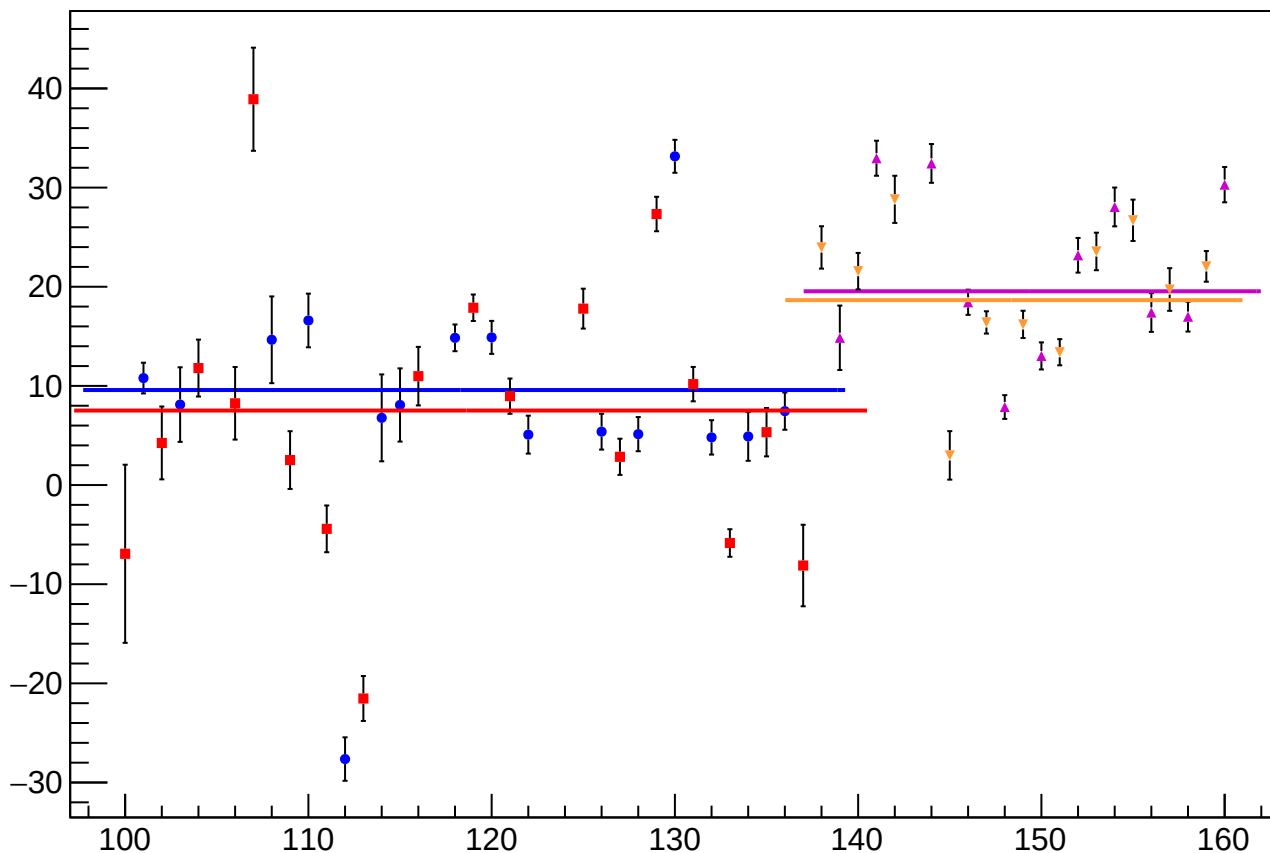
Left In: 20.738 $\pm$ 0.592 χ^2 /NDF: 732.8/10

+ sign 35.138 $\pm$ 0.495 χ^2 /NDF: 3694.6/26

All: 35.247 $\pm$ 0.346 χ^2 /NDF: 7983.8/55

- sign 35.352 $\pm$ 0.484 χ^2 /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: 18.649 ± 0.507 χ^2/NDF : 117.7/10

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

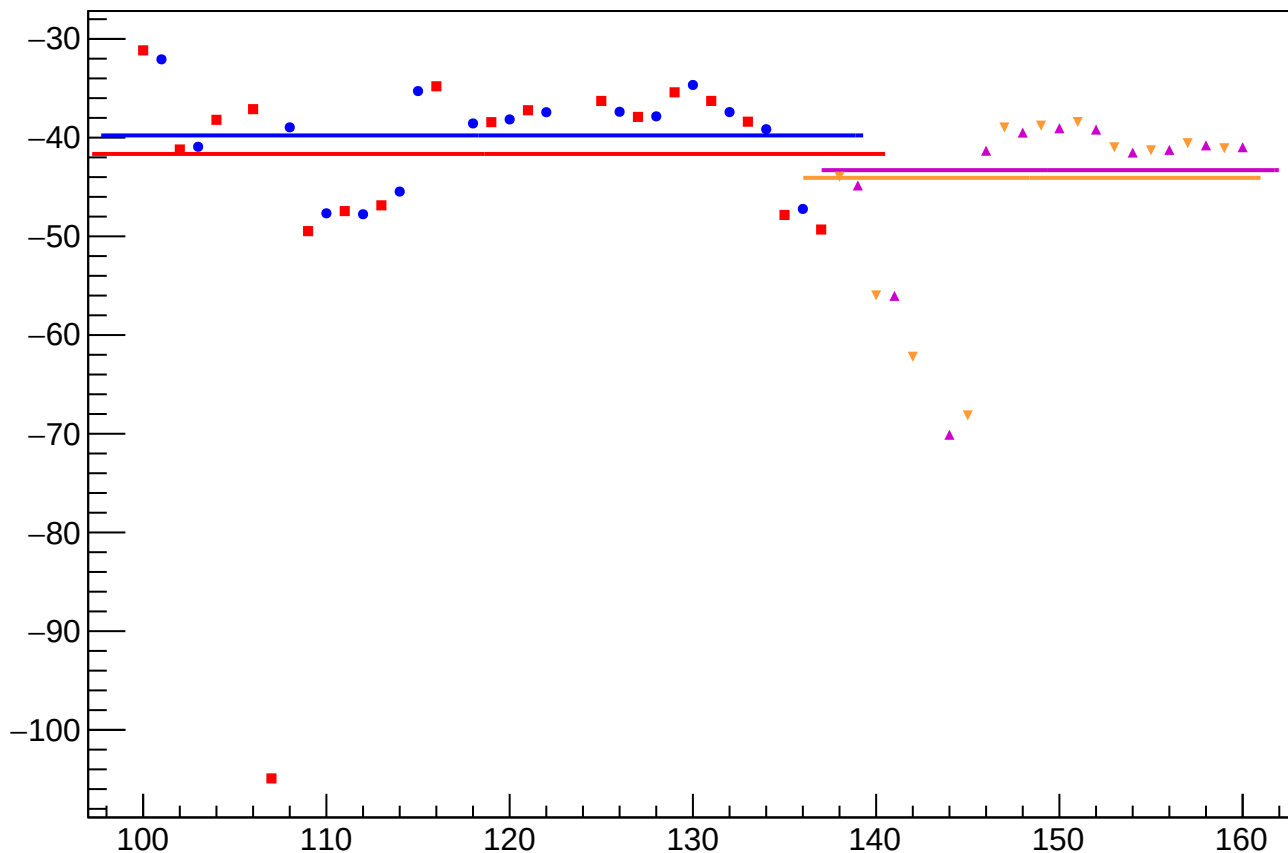
Left In: 19.544 ± 0.491 χ^2/NDF : 285.8/10

+ sign 14.067 ± 0.356 χ^2/NDF : 834.0/26

All: 13.943 ± 0.252 χ^2/NDF : 1975.0/55

- 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: -44.072 ± 0.025 χ^2/NDF : 115207.5/10

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

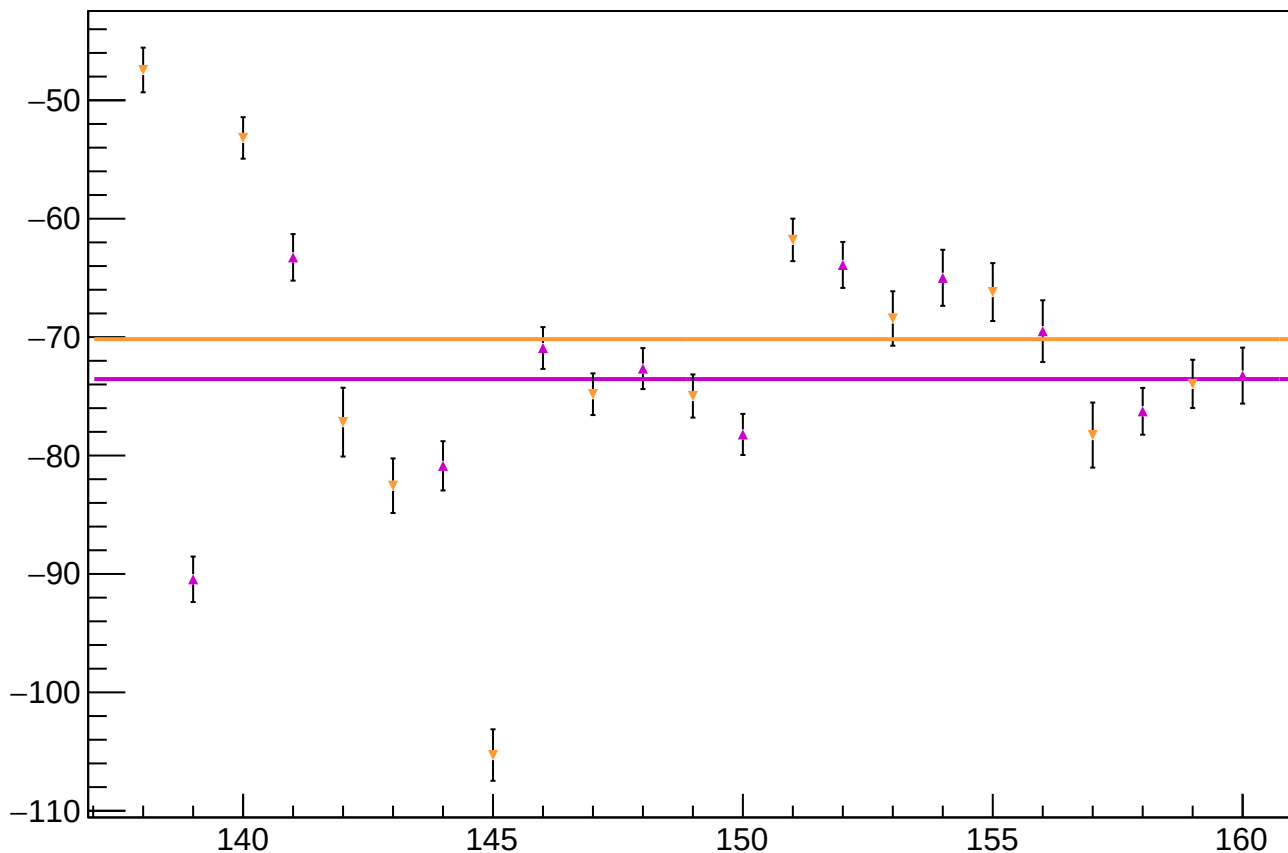
Left In: -43.294 ± 0.023 χ^2/NDF : 95564.9/10

+ sign -42.410 ± 0.019 χ^2/NDF : 153086.8/26

All: -42.564 ± 0.013 χ^2/NDF : 345013.0/55

- sign -42.706 ± 0.019 χ^2/NDF : 191804.8/28

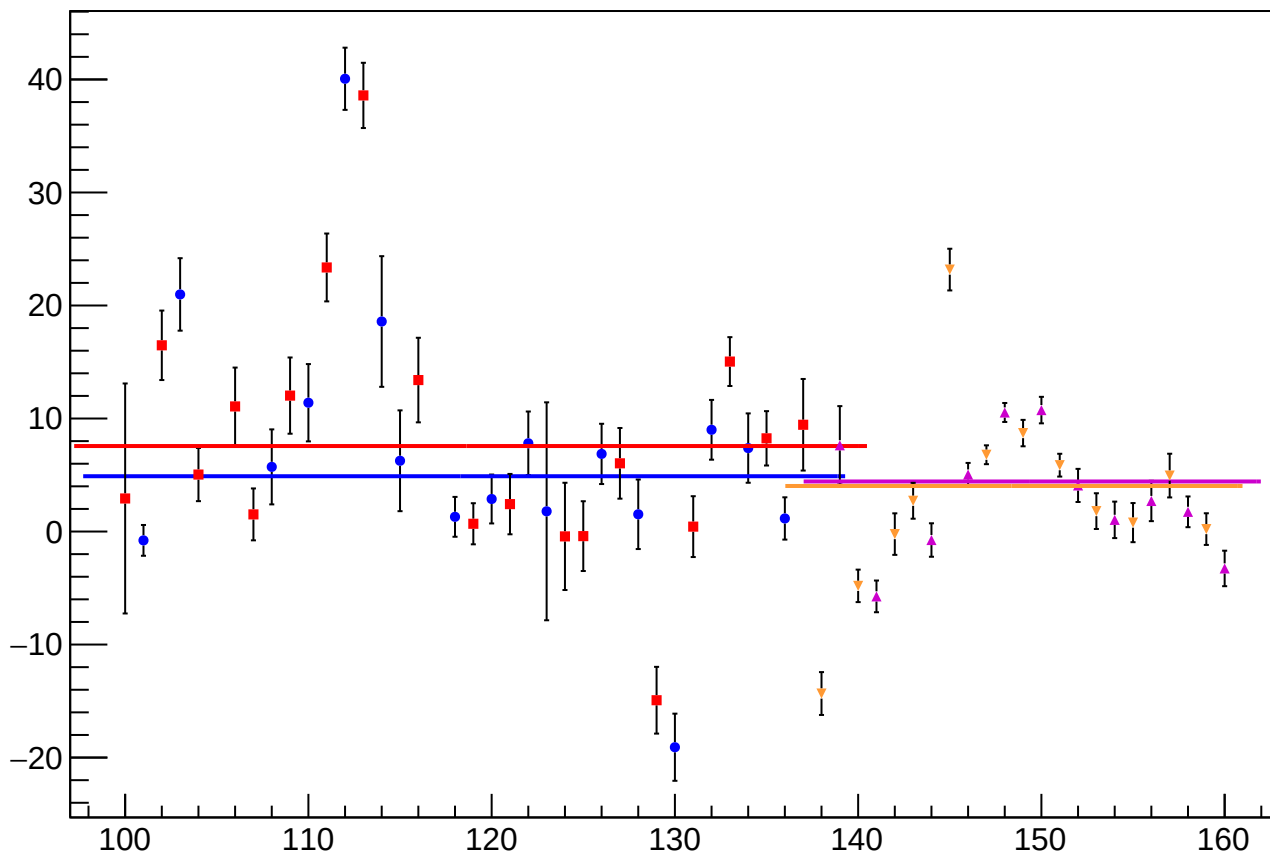
reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -70.171+/-0.599 χ^2/NDF : 586.3/11
 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: -71.852+/-0.424 χ^2/NDF : 771.1/22
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 4.030 ± 0.395 χ^2/NDF : 288.9/11

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

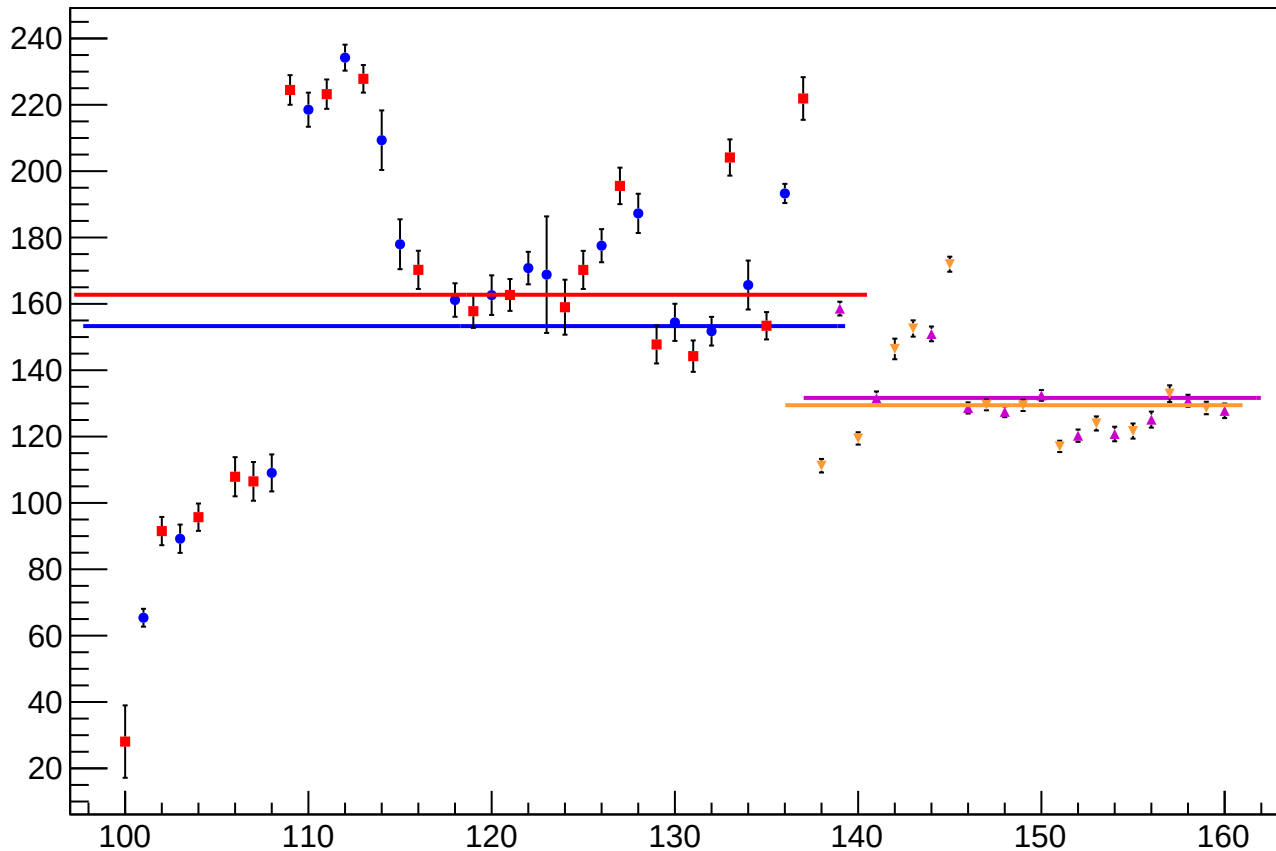
Left In: 4.430 ± 0.400 χ^2/NDF : 181.2/10

+ sign 4.279 ± 0.333 χ^2/NDF : 585.6/28

All: 4.772 ± 0.238 χ^2/NDF : 1058.3/58

- 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: 129.452 $\pm$ 0.588 χ^2 /NDF: 650.0/11

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

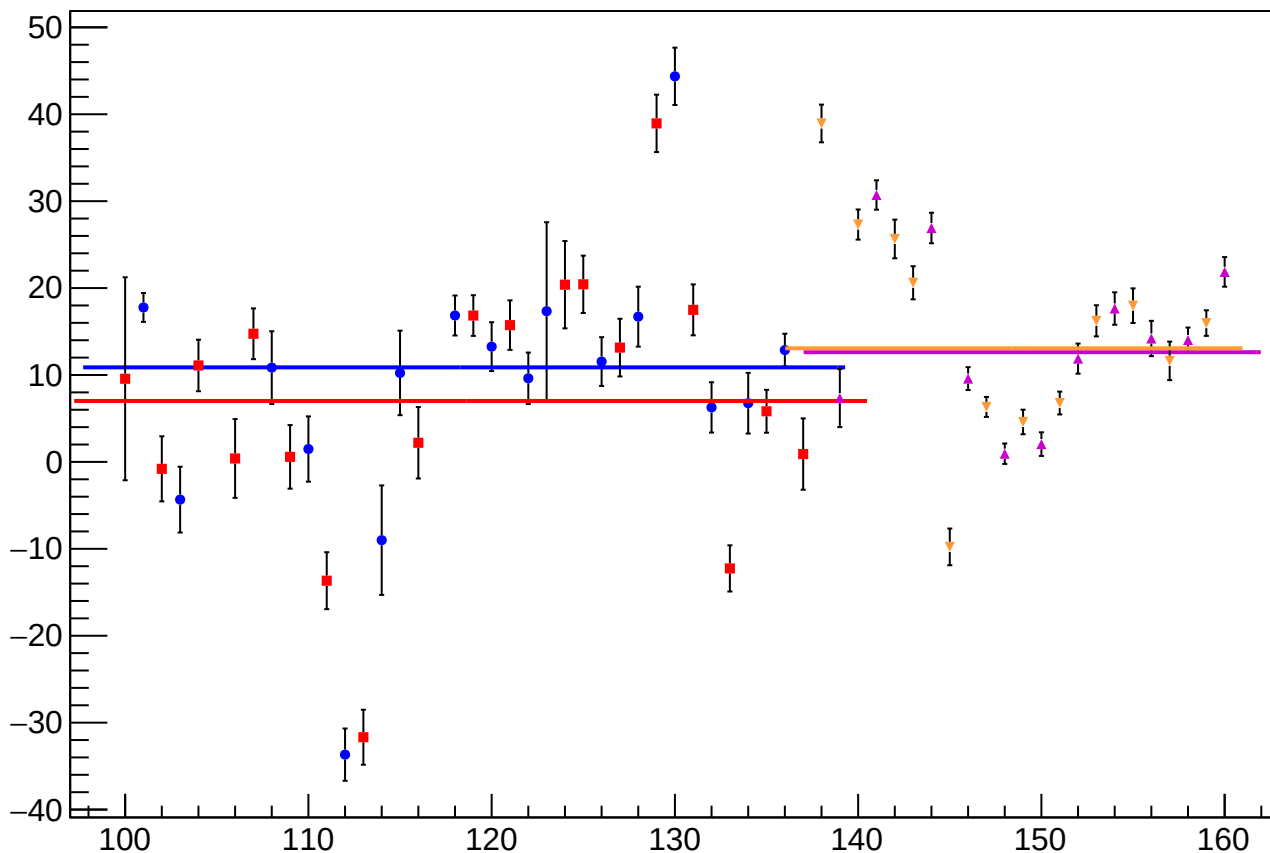
Left In: 131.653 $\pm$ 0.583 χ^2 /NDF: 325.5/10

+ sign 134.430 $\pm$ 0.523 χ^2 /NDF: 3260.1/28

All: 136.105 $\pm$ 0.369 χ^2 /NDF: 5875.7/58

- sign 137.774 $\pm$ 0.522 χ^2 /NDF: 2595.1/29

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 13.068 $\pm$ 0.482 χ^2 /NDF: 481.0/11

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

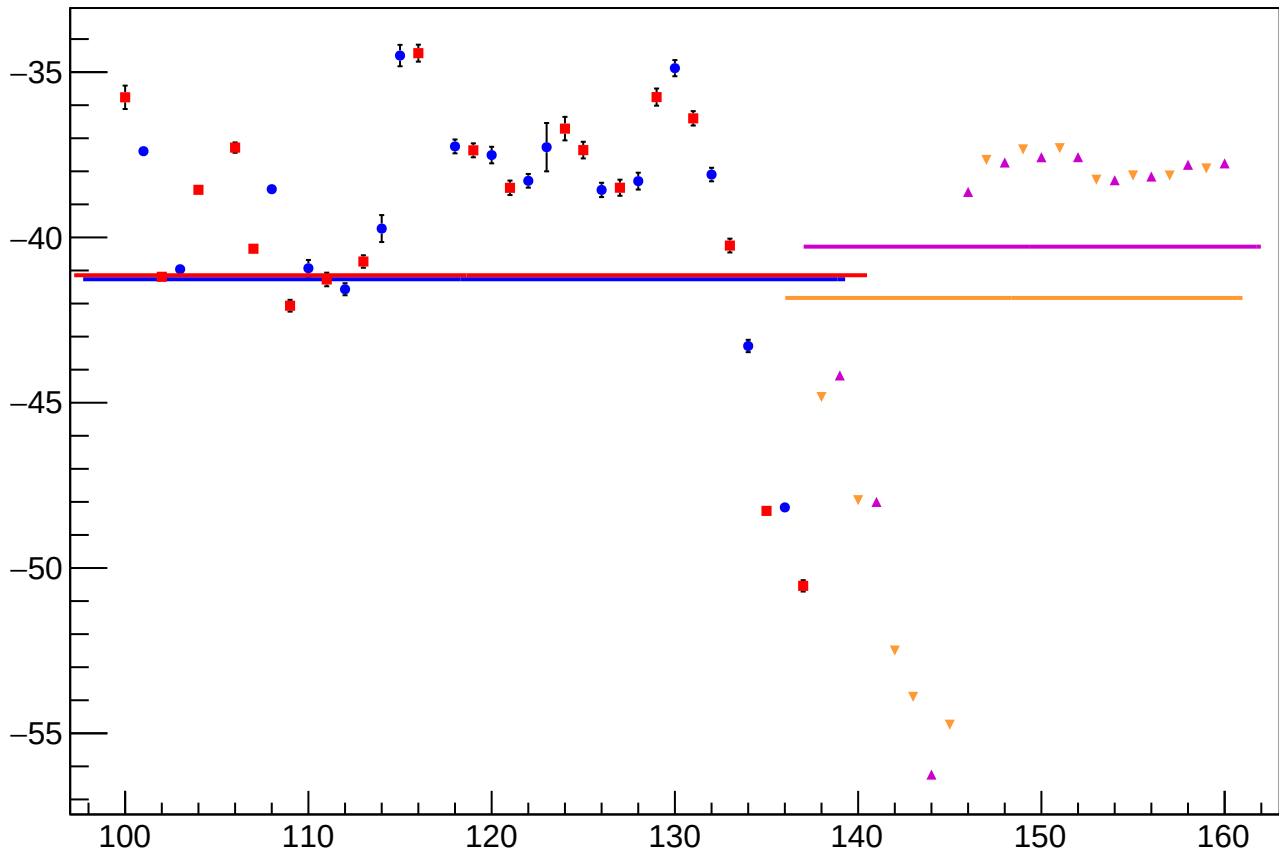
Left In: 12.625 $\pm$ 0.482 χ^2 /NDF: 386.6/10

+ sign 12.383 $\pm$ 0.399 χ^2 /NDF: 875.6/28

All: 11.691 $\pm$ 0.284 χ^2 /NDF: 1732.5/58

- sign 10.978 $\pm$ 0.405 χ^2 /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: -41.830 ± 0.023 χ^2/NDF : 69929.4/11

Right Out: -41.144 ± 0.039 χ^2/NDF : 12218.7/18

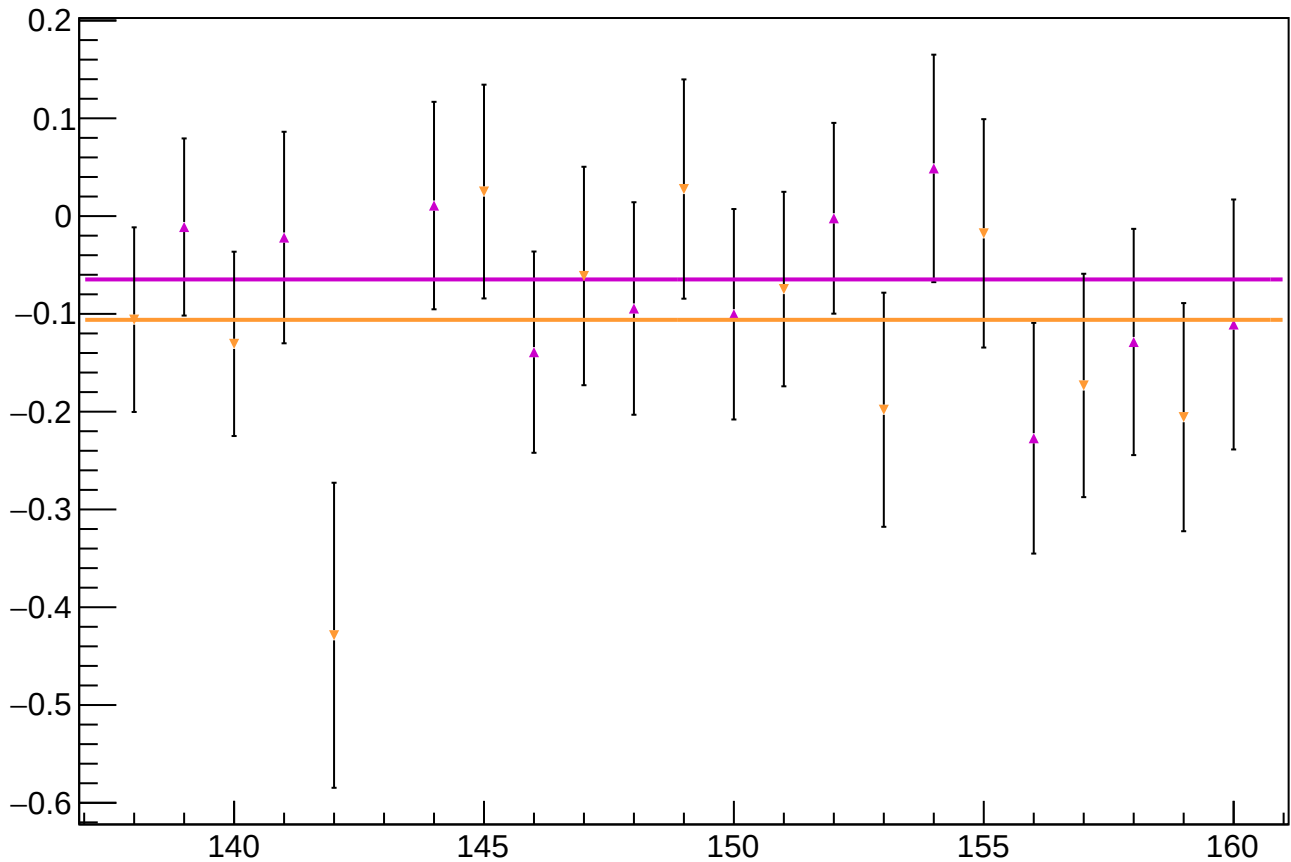
Left In: -40.279 ± 0.023 χ^2/NDF : 46519.9/10

+ sign -41.677 ± 0.020 χ^2/NDF : 82656.5/28

All: -41.080 ± 0.014 χ^2/NDF : 143507.8/58

- sign -40.504 ± 0.020 χ^2/NDF : 59109.6/29

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.106 $\pm$ 0.033 χ^2 /NDF: 9.7/10

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

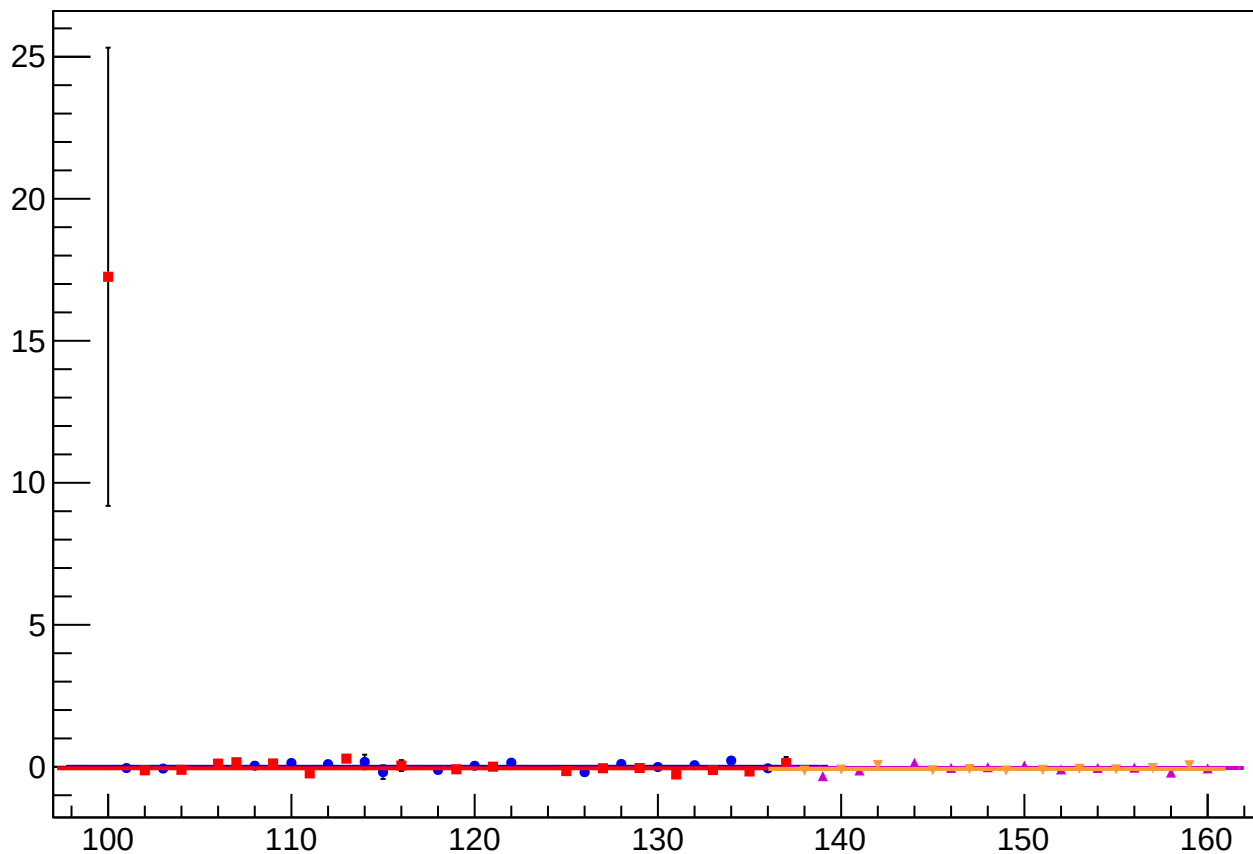
Left In: -0.065 $\pm$ 0.032 χ^2 /NDF: 5.4/10

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

All: -0.085 $\pm$ 0.023 χ^2 /NDF: 15.9/21

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.074 ± 0.023 χ^2/NDF : 6.4/10

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

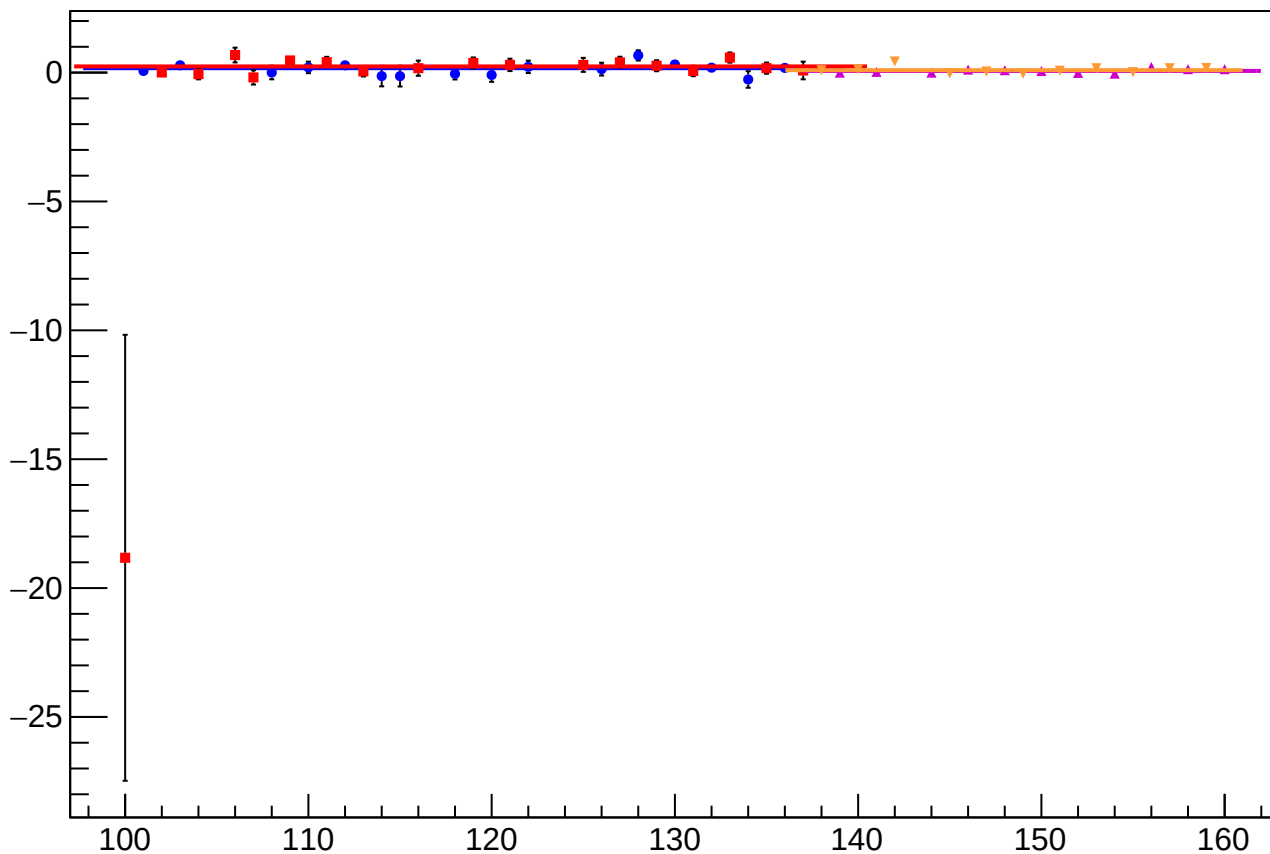
Left In: -0.040 ± 0.022 χ^2/NDF : 16.5/10

+ sign -0.044 ± 0.018 χ^2/NDF : 23.3/26

All: -0.044 ± 0.013 χ^2/NDF : 65.7/55

- sign -0.044 ± 0.018 χ^2/NDF : 42.4/28

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.093 $\pm$ 0.033 χ^2 /NDF: 9.4/10

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

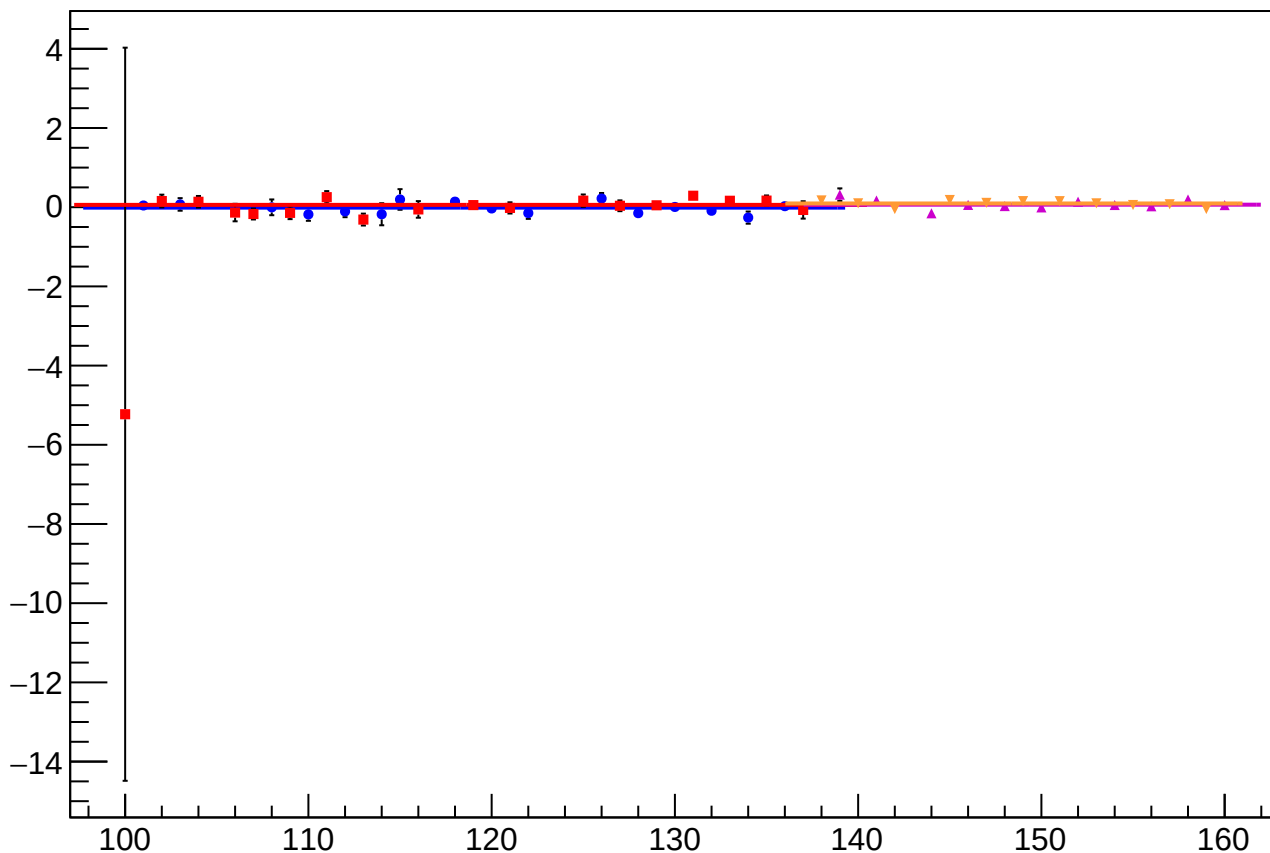
Left In: 0.064 $\pm$ 0.032 χ^2 /NDF: 5.6/10

+ sign 0.115 $\pm$ 0.028 χ^2 /NDF: 24.7/26

All: 0.112 $\pm$ 0.019 χ^2 /NDF: 59.9/55

- sign 0.109 $\pm$ 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: 0.094 ± 0.027 χ^2/NDF : 6.6/10

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

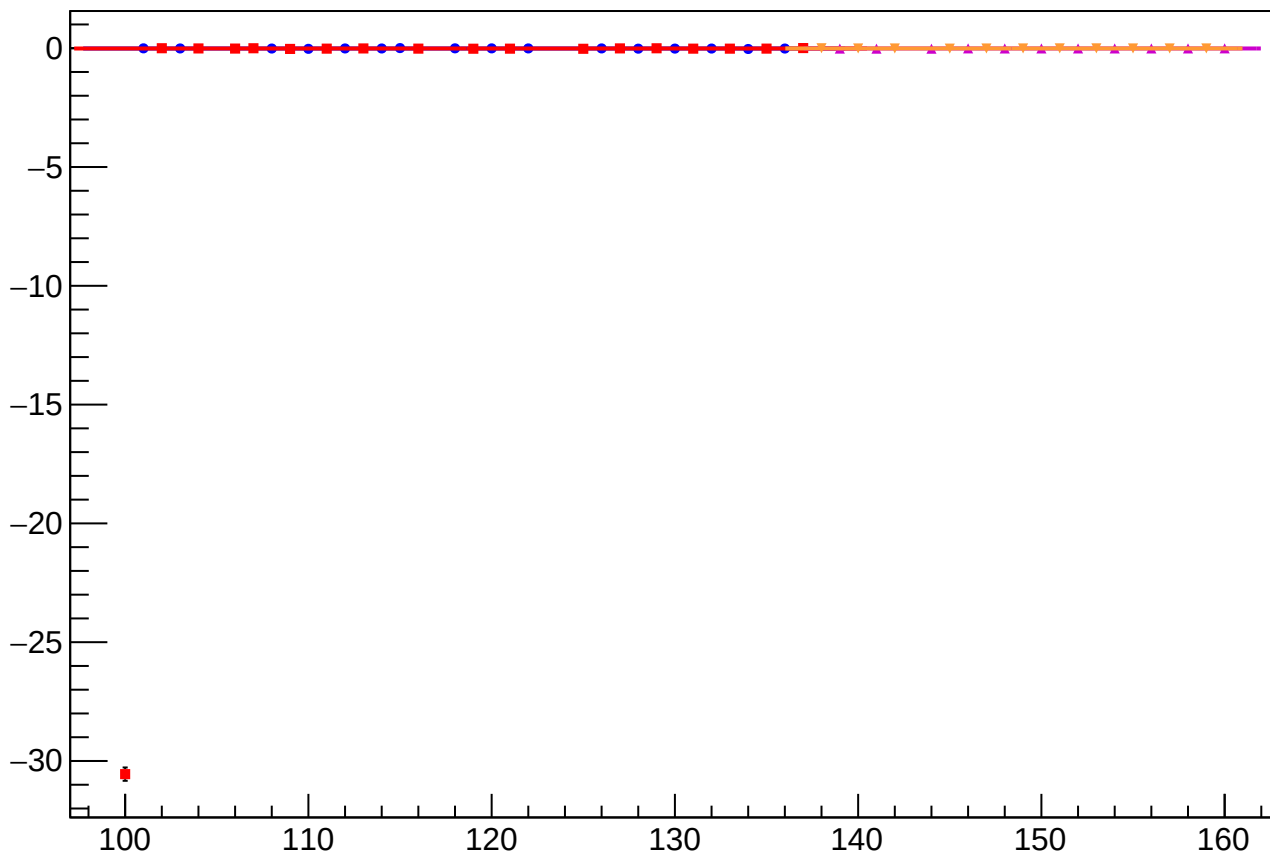
Left In: 0.063 ± 0.027 χ^2/NDF : 14.0/10

+ sign 0.051 ± 0.021 χ^2/NDF : 26.5/26

All: 0.056 ± 0.015 χ^2/NDF : 61.3/55

- 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: -0.009 $\pm$ 0.001 χ^2 /NDF:8.2/10

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

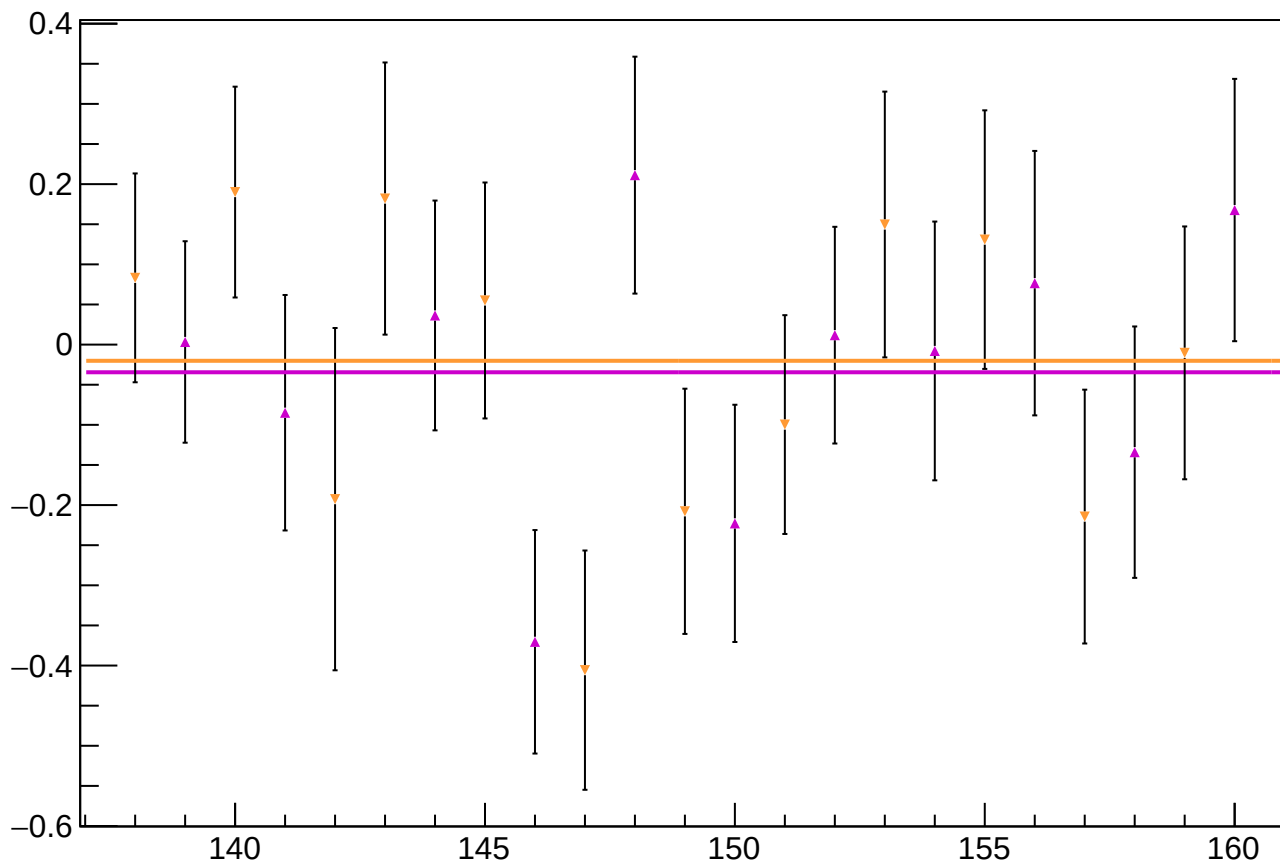
Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:11.2/10

+ sign -0.010 $\pm$ 0.001 χ^2 /NDF: 23.0/26

All: -0.011 $\pm$ 0.001 χ^2 /NDF: 11927.0/55

- sign -0.011 $\pm$ 0.001 χ^2 /NDF: 11903.1/28

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.020+/-0.044 χ^2/NDF : 17.5/11

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

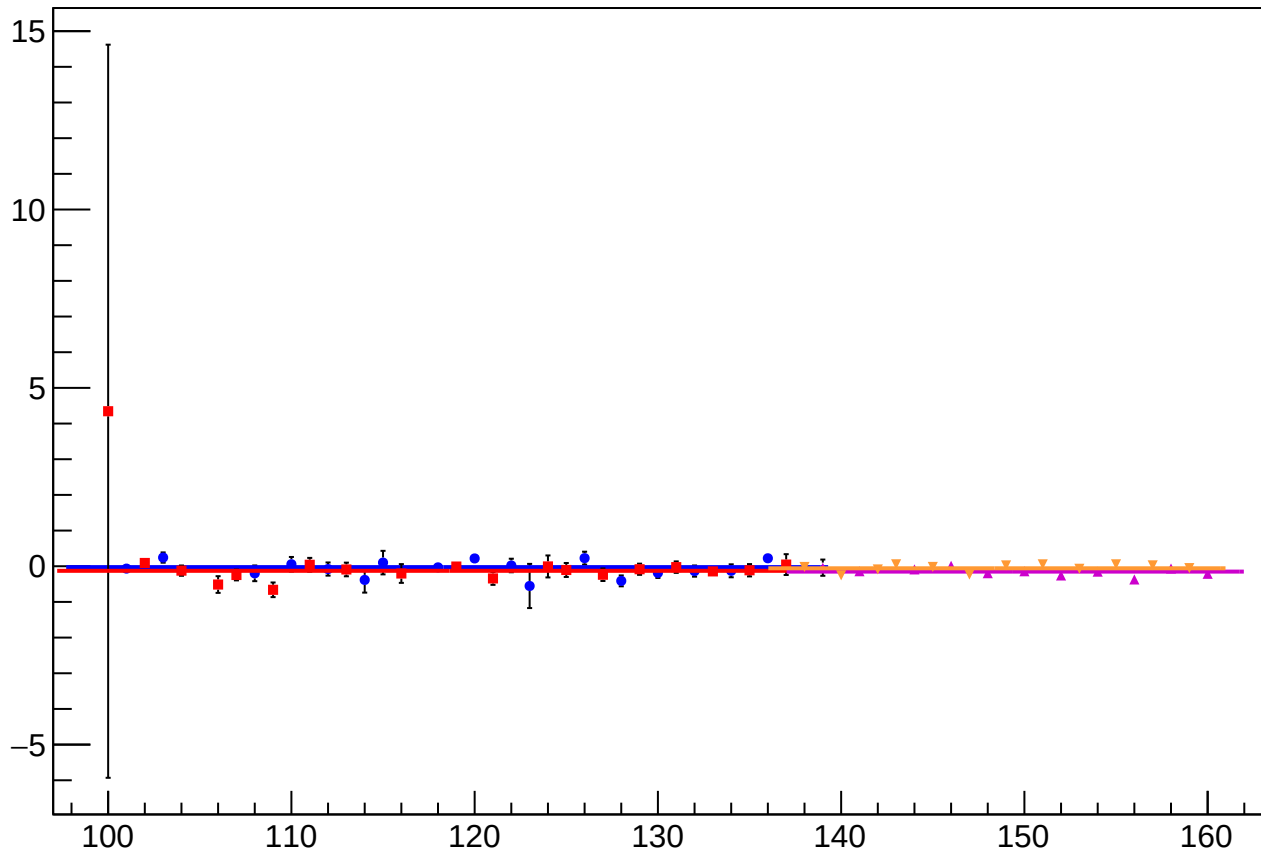
Left In: -0.034+/-0.044 χ^2/NDF : 13.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.031 χ^2/NDF : 30.7/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.057 ± 0.030 χ^2/NDF : 14.7/11

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

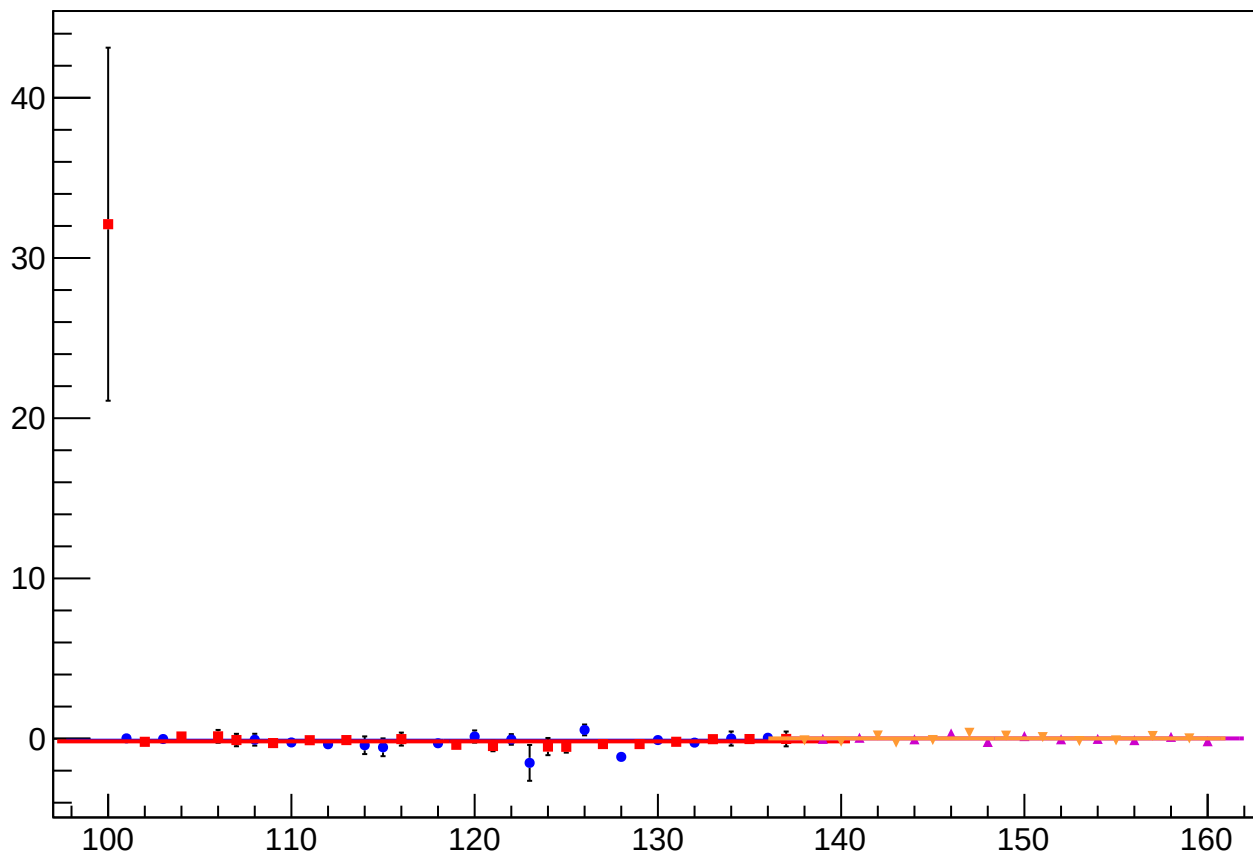
Left In: -0.150 ± 0.031 χ^2/NDF : 10.7/10

+ sign -0.044 ± 0.023 χ^2/NDF : 38.6/28

All: -0.091 ± 0.017 χ^2/NDF : 75.6/58

- 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: 0.013 ± 0.043 χ^2/NDF : 17.2/11

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

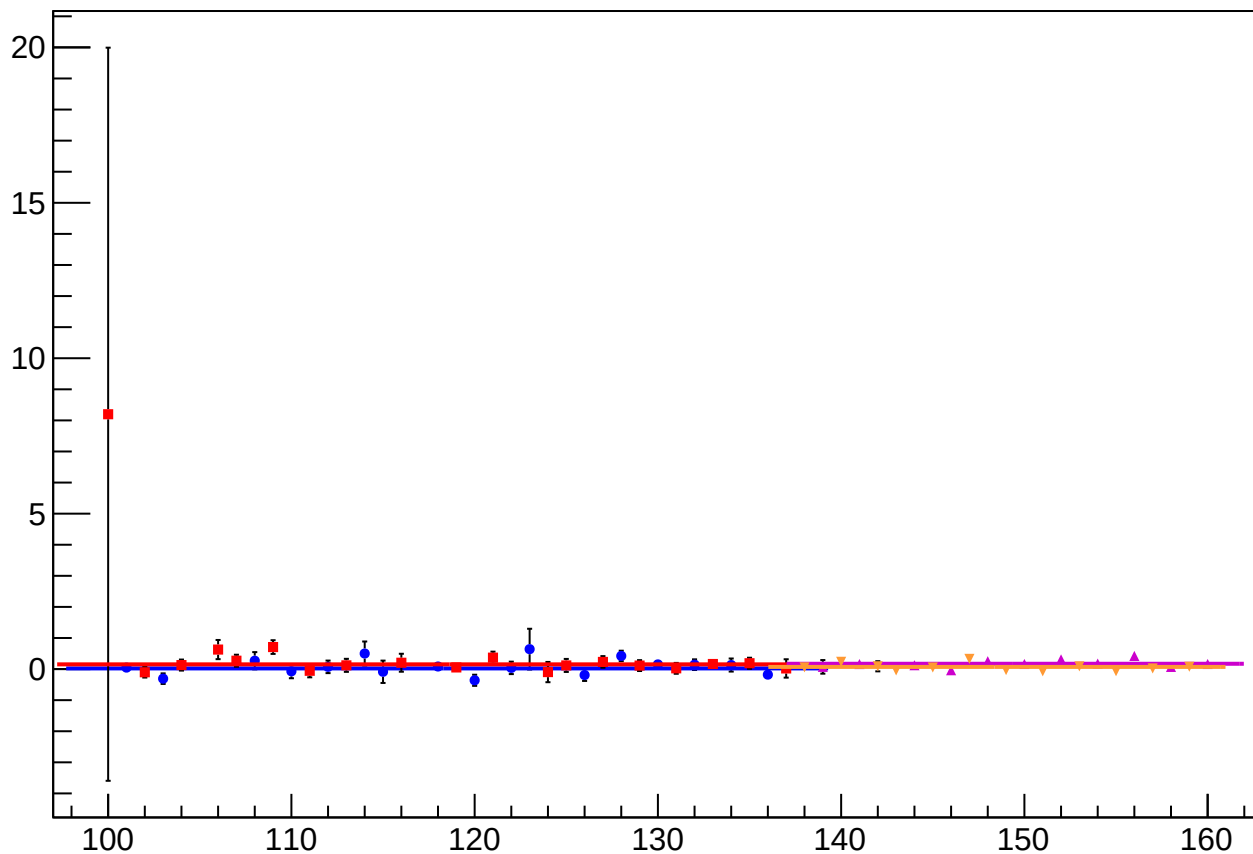
Left In: 0.012 ± 0.043 χ^2/NDF : 11.8/10

+ sign -0.029 ± 0.036 χ^2/NDF : 44.1/28

All: -0.033 ± 0.026 χ^2/NDF : 75.9/58

- 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: 0.070 ± 0.036 χ^2/NDF : 13.3/11

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

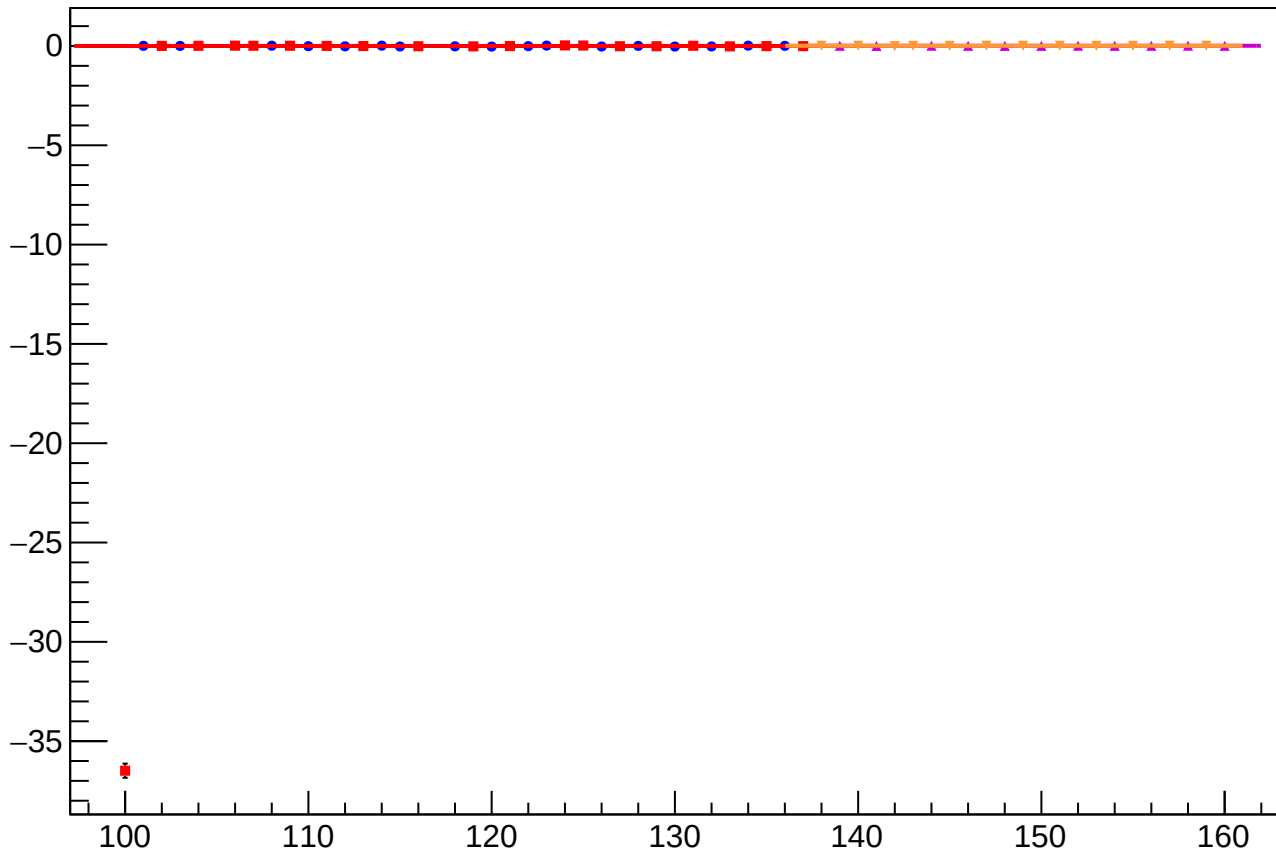
Left In: 0.171 ± 0.036 χ^2/NDF : 10.9/10

+ sign 0.049 ± 0.027 χ^2/NDF : 36.5/28

All: 0.104 ± 0.020 χ^2/NDF : 72.2/58

- sign 0.163 ± 0.028 χ^2/NDF : 27.3/29

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.5/11

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

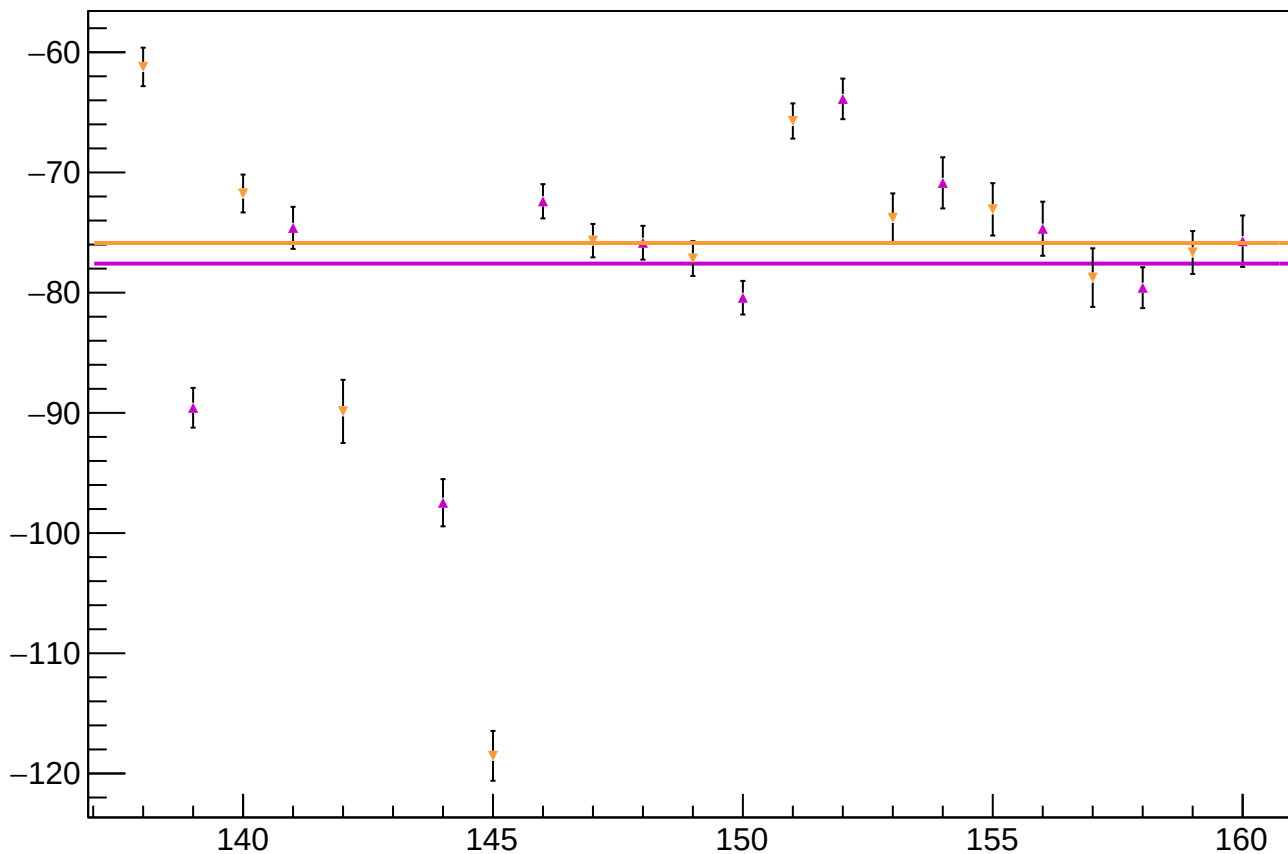
Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 4.9/10

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 49.8/28

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10516.9/58

- sign 0.008 $\pm$ 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: -75.868+/-0.530 χ^2/NDF : 594.6/10

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

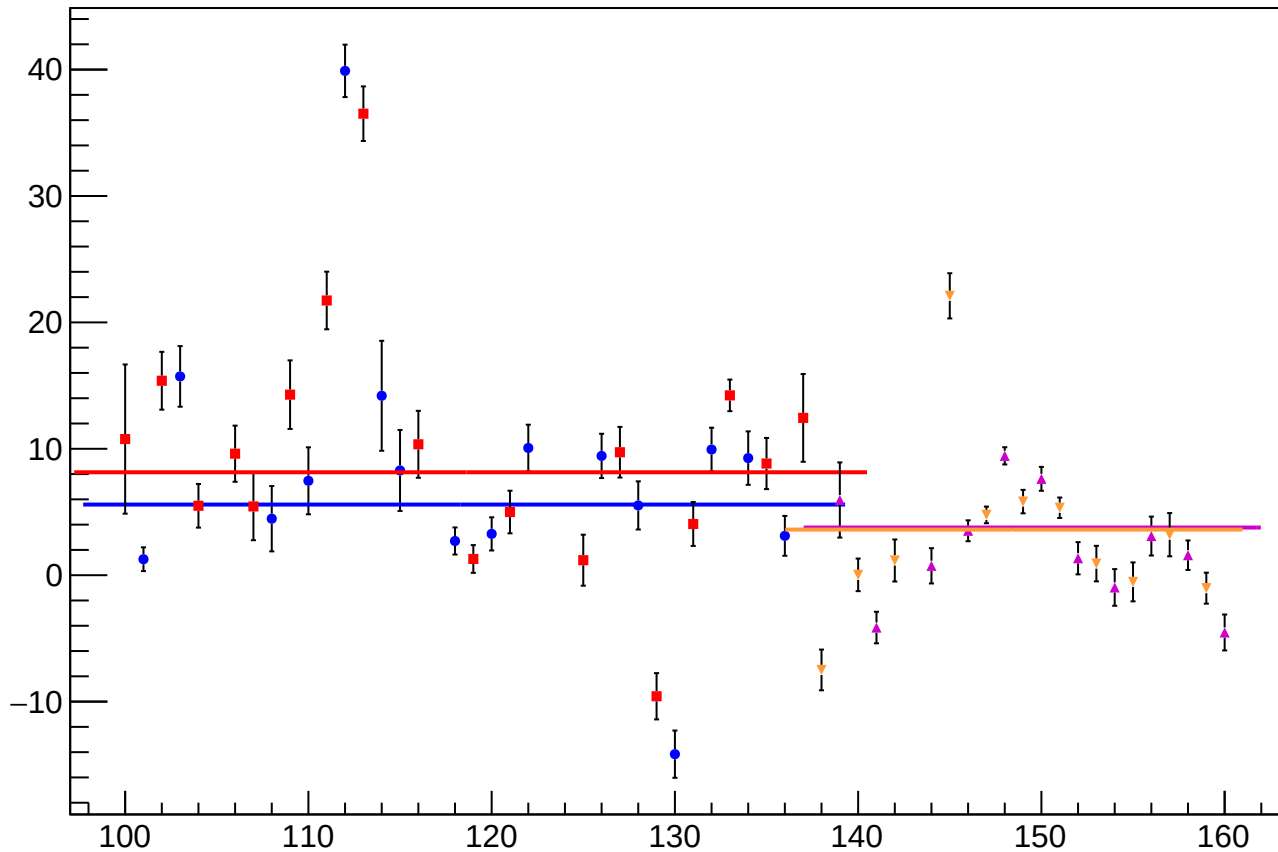
Left In: -77.583+/-0.513 χ^2/NDF : 256.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.752+/-0.369 χ^2/NDF : 856.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 ± 0.424 χ^2/NDF : 462.8/15

Left Out: 3.609 ± 0.341 χ^2/NDF : 202.9/10

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

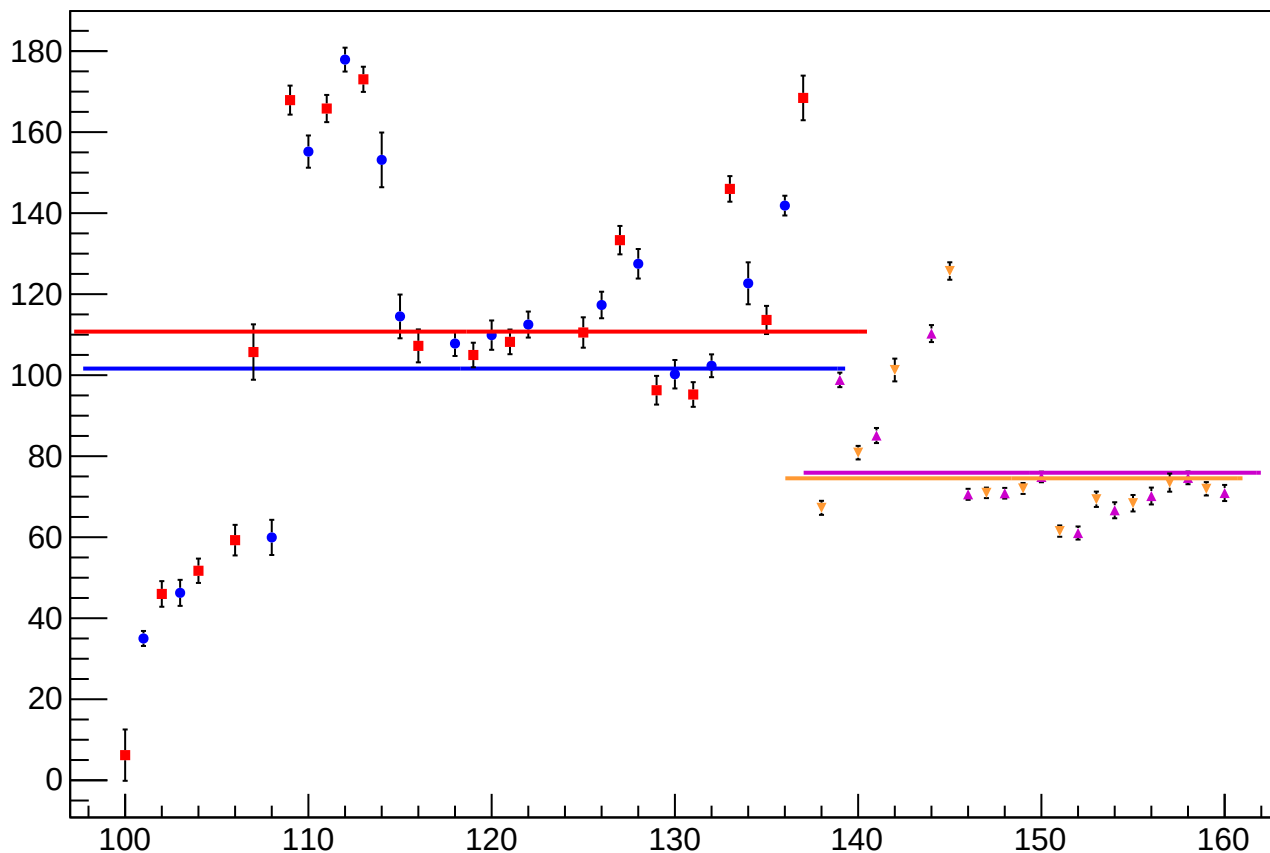
Left In: 3.771 ± 0.338 χ^2/NDF : 183.4/10

+ sign 4.389 ± 0.266 χ^2/NDF : 678.9/26

All: 4.851 ± 0.190 χ^2/NDF : 1336.0/55

- sign 5.332 ± 0.271 χ^2/NDF : 650.9/28

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 ± 0.807 χ^2/NDF : 2978.9/15

Left Out: 74.539 ± 0.515 χ^2/NDF : 803.9/10

Right Out: 110.756 ± 0.836 χ^2/NDF : 2513.0/17

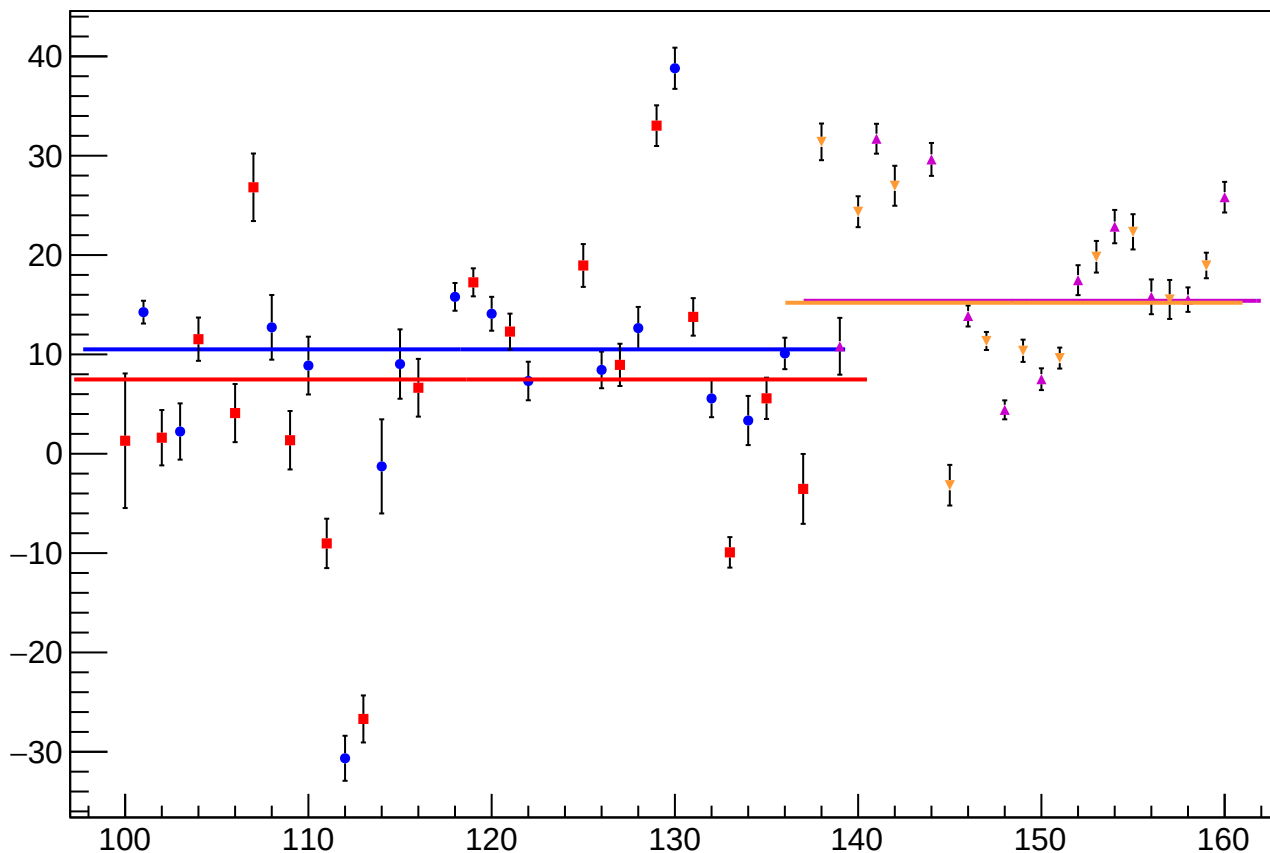
Left In: 75.920 ± 0.497 χ^2/NDF : 607.3/10

+ sign 82.385 ± 0.434 χ^2/NDF : 4583.5/26

All: 83.716 ± 0.304 χ^2/NDF : 9005.3/55

- sign 85.004 ± 0.427 χ^2/NDF : 4403.3/28

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 ± 0.492 $\chi^2/\text{NDF}: 581.5/15$

Left Out: 15.200 ± 0.420 $\chi^2/\text{NDF}: 324.1/10$

Right Out: 7.477 ± 0.524 $\chi^2/\text{NDF}: 689.3/17$

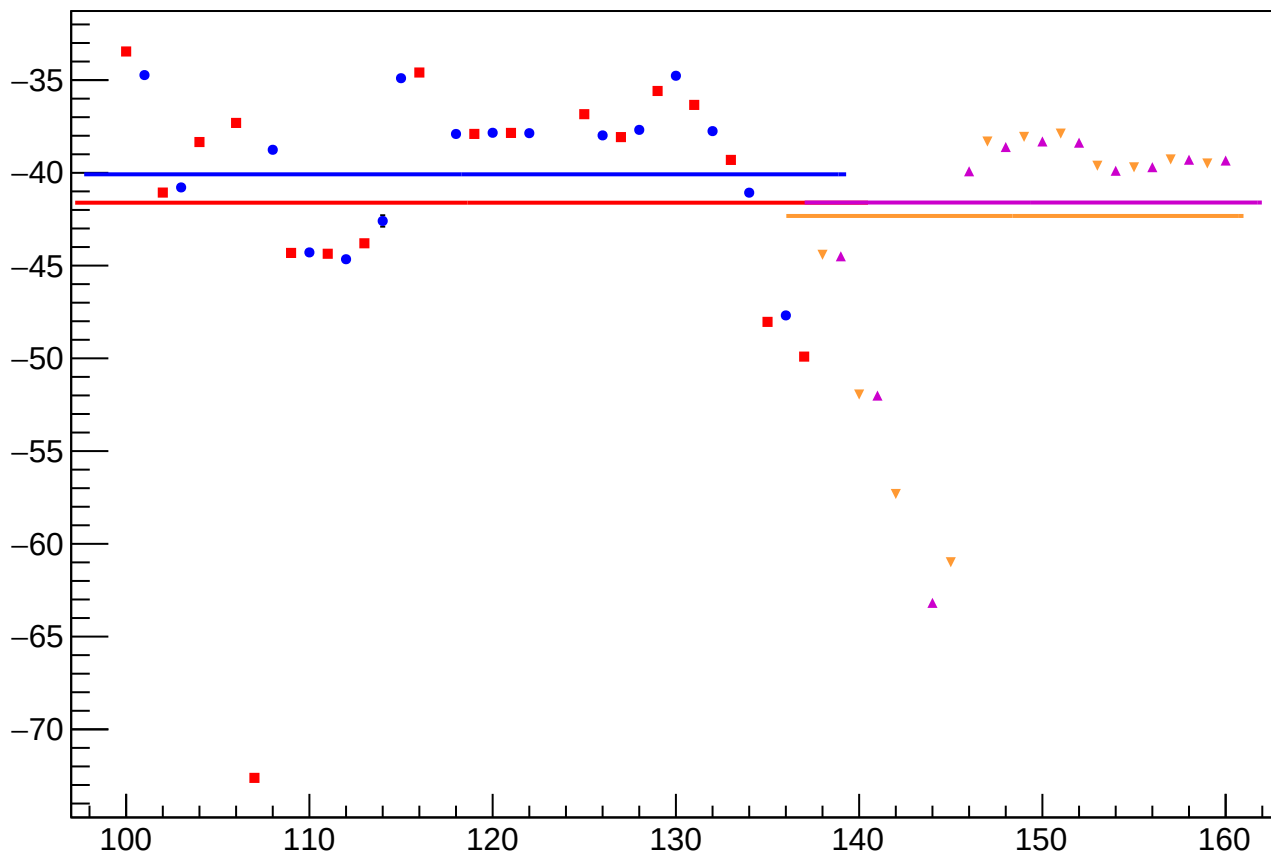
Left In: 15.396 ± 0.410 $\chi^2/\text{NDF}: 448.2/10$

+ sign 13.223 ± 0.319 $\chi^2/\text{NDF}: 958.2/26$

All: 12.812 ± 0.227 $\chi^2/\text{NDF}: 2240.9/55$

- sign 12.392 ± 0.323 $\chi^2/\text{NDF}: 1279.4/28$

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080±/0.028 χ^2/NDF : 25123.9/15

Left Out: -42.324±/0.021 χ^2/NDF : 105460.2/10

Right Out: -41.609±/0.029 χ^2/NDF : 61784.6/17

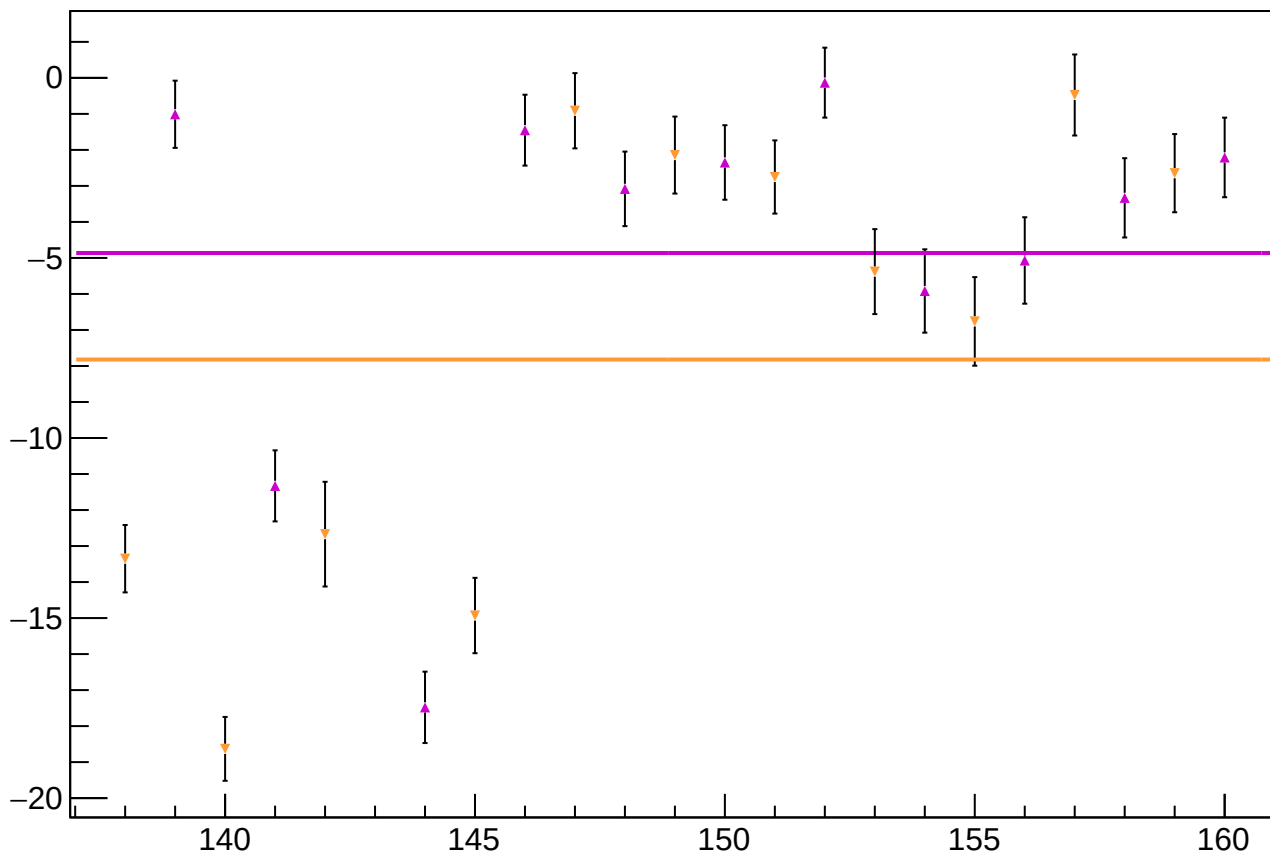
Left In: -41.601±/0.020 χ^2/NDF : 89649.0/10

+ sign -41.536±/0.017 χ^2/NDF : 134695.3/26

All: -41.571±/0.012 χ^2/NDF : 286137.4/55

- sign -41.603±/0.016 χ^2/NDF : 151433.7/28

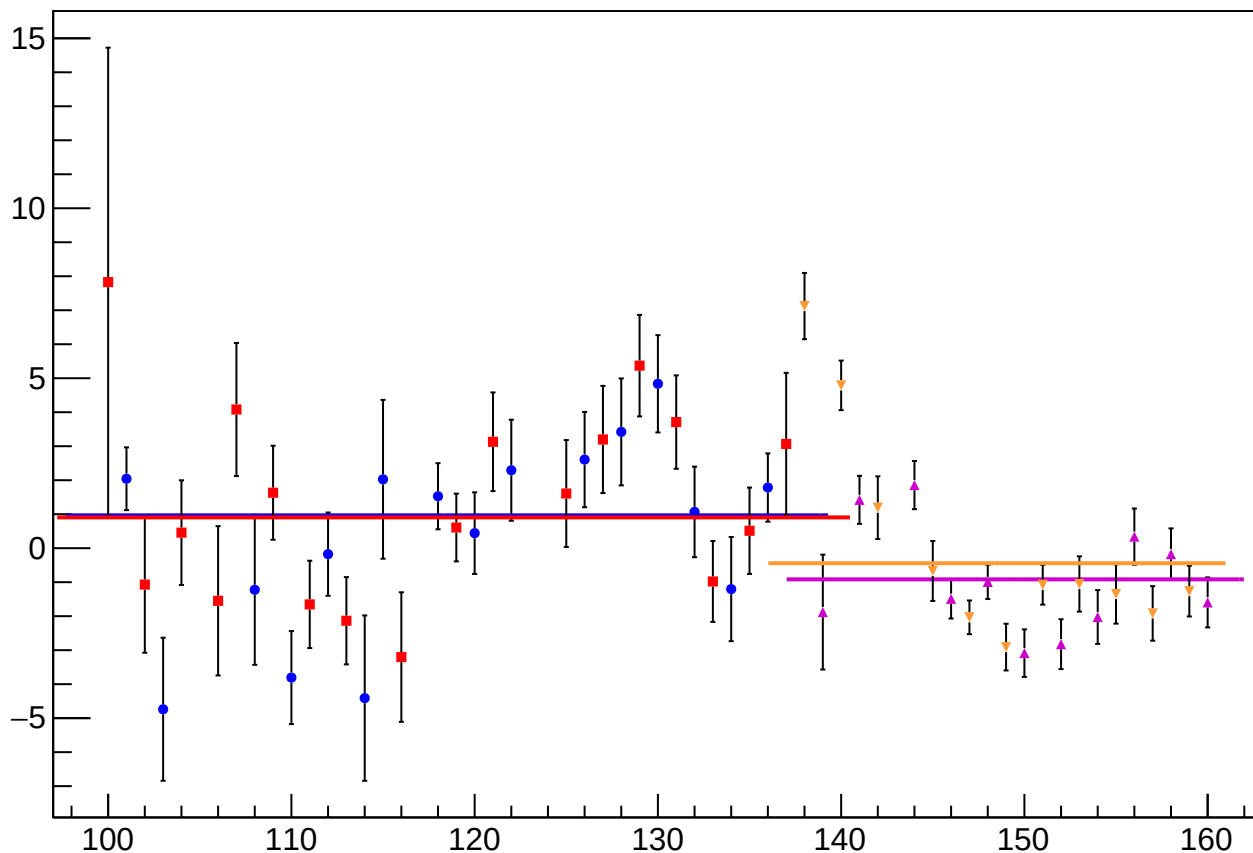
reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.821+/-0.323 χ^2/NDF : 408.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.863+/-0.312 χ^2/NDF : 275.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.293+/-0.225 χ^2/NDF : 726.6/21
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: -0.442 ± 0.220 χ^2/NDF : 145.6/10

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

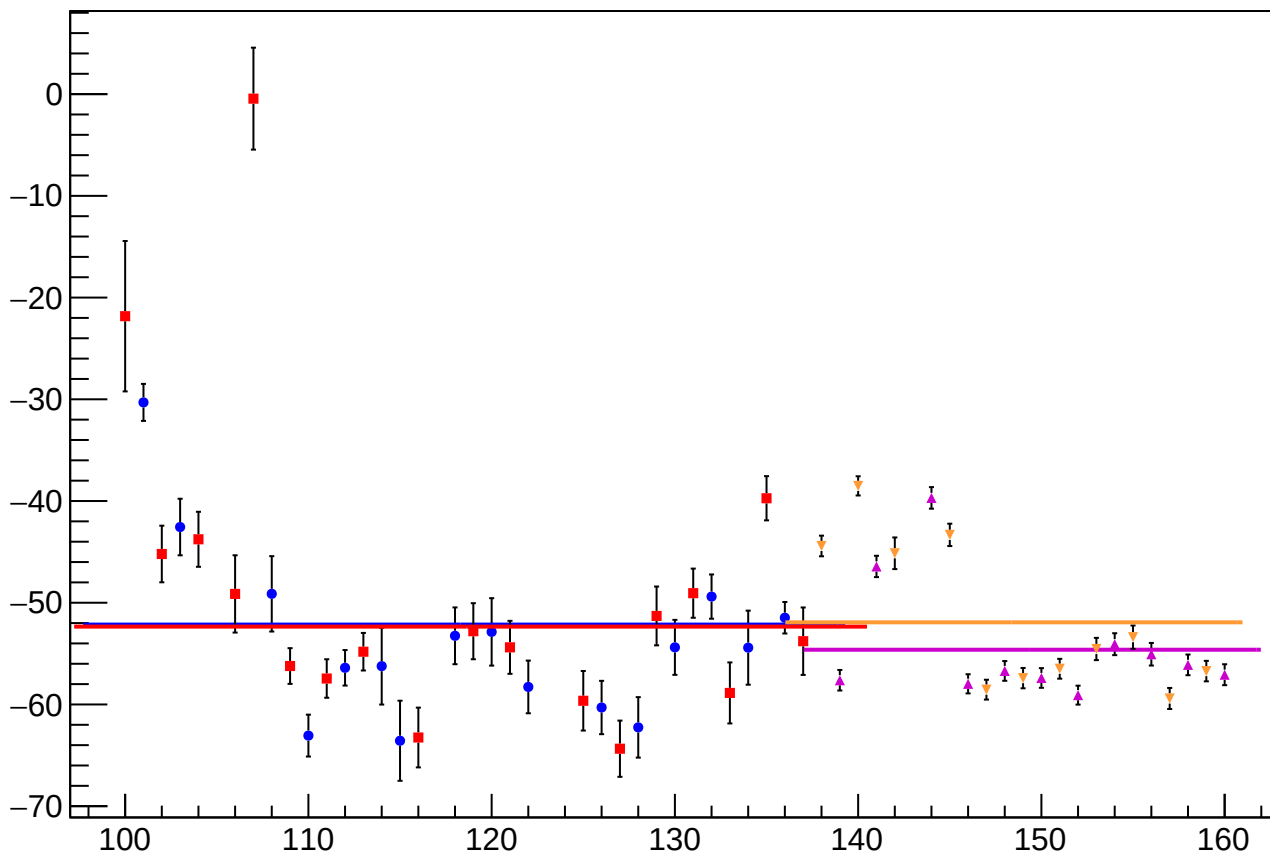
Left In: -0.917 ± 0.214 χ^2/NDF : 50.1/10

+ sign -0.024 ± 0.184 χ^2/NDF : 200.8/26

All: -0.227 ± 0.130 χ^2/NDF : 314.7/55

- sign -0.428 ± 0.183 χ^2/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: -51.926 ± 0.317 χ^2/NDF : 517.1/10

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

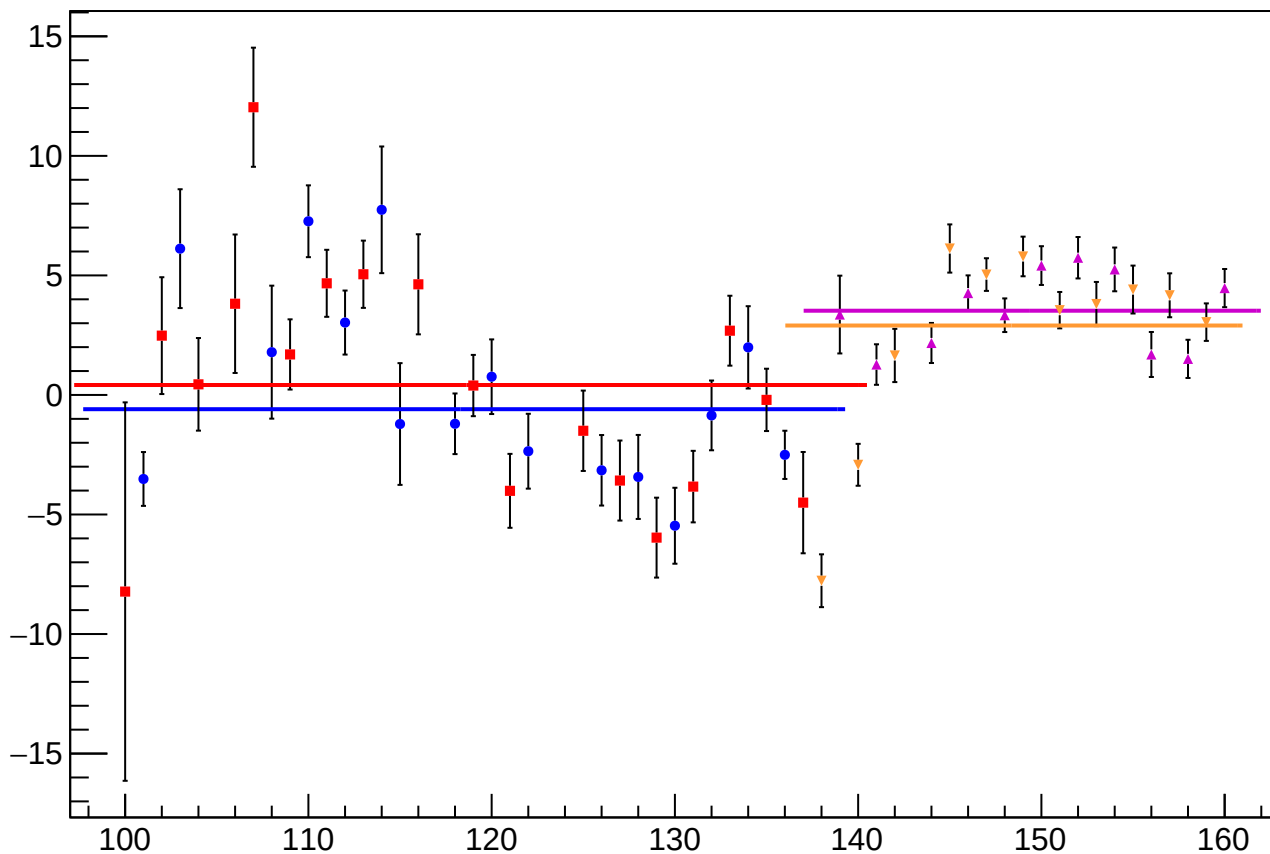
Left In: -54.619 ± 0.305 χ^2/NDF : 324.8/10

+ sign -51.973 ± 0.281 χ^2/NDF : 747.4/26

All: -53.107 ± 0.196 χ^2/NDF : 1350.3/55

- 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: 2.904 ± 0.265 χ^2/NDF : 176.7/10

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

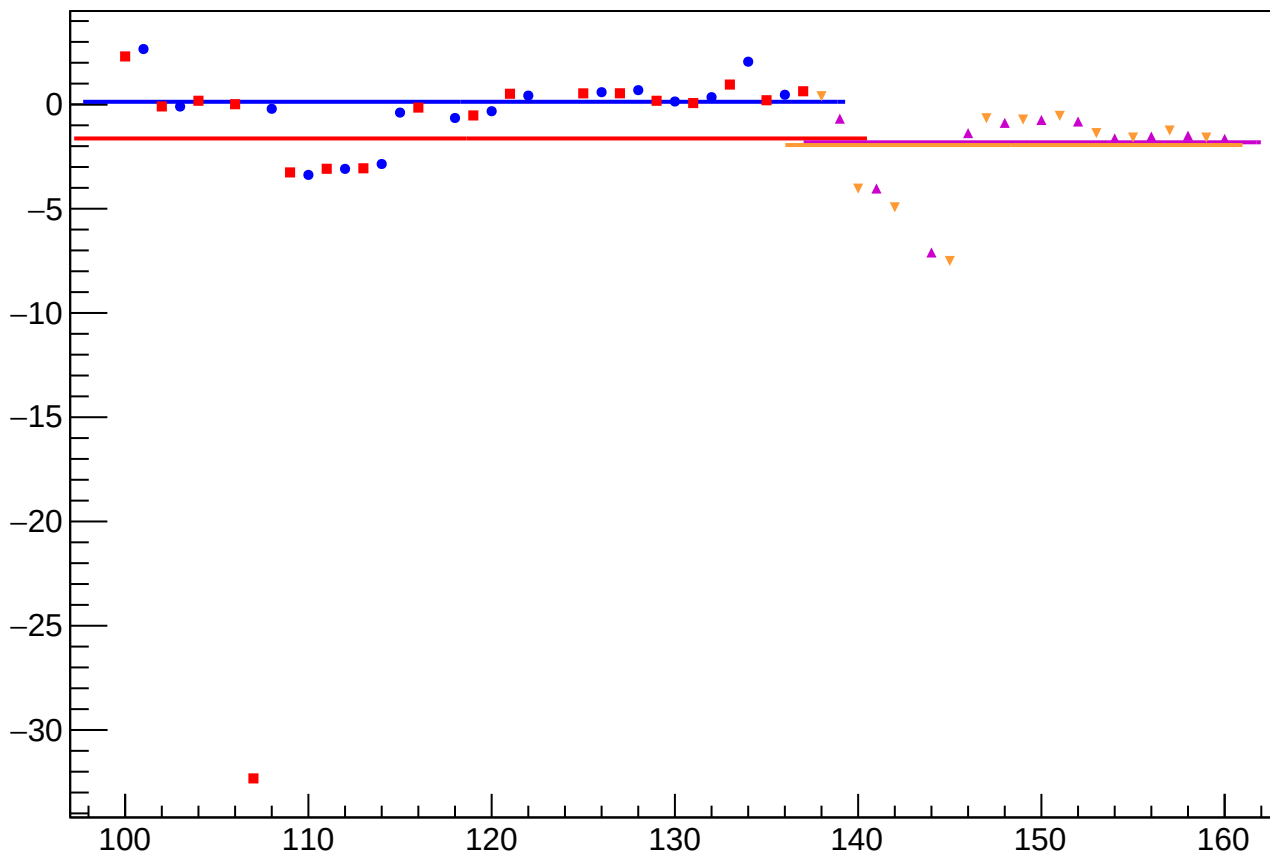
Left In: 3.523 ± 0.255 χ^2/NDF : 37.8/10

+ sign 1.773 ± 0.218 χ^2/NDF : 315.6/26

All: 2.204 ± 0.153 χ^2/NDF : 499.8/55

- sign 2.623 ± 0.215 χ^2/NDF : 176.5/28

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -1.946 ± 0.012 $\chi^2/\text{NDF}: 28421.6/10$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

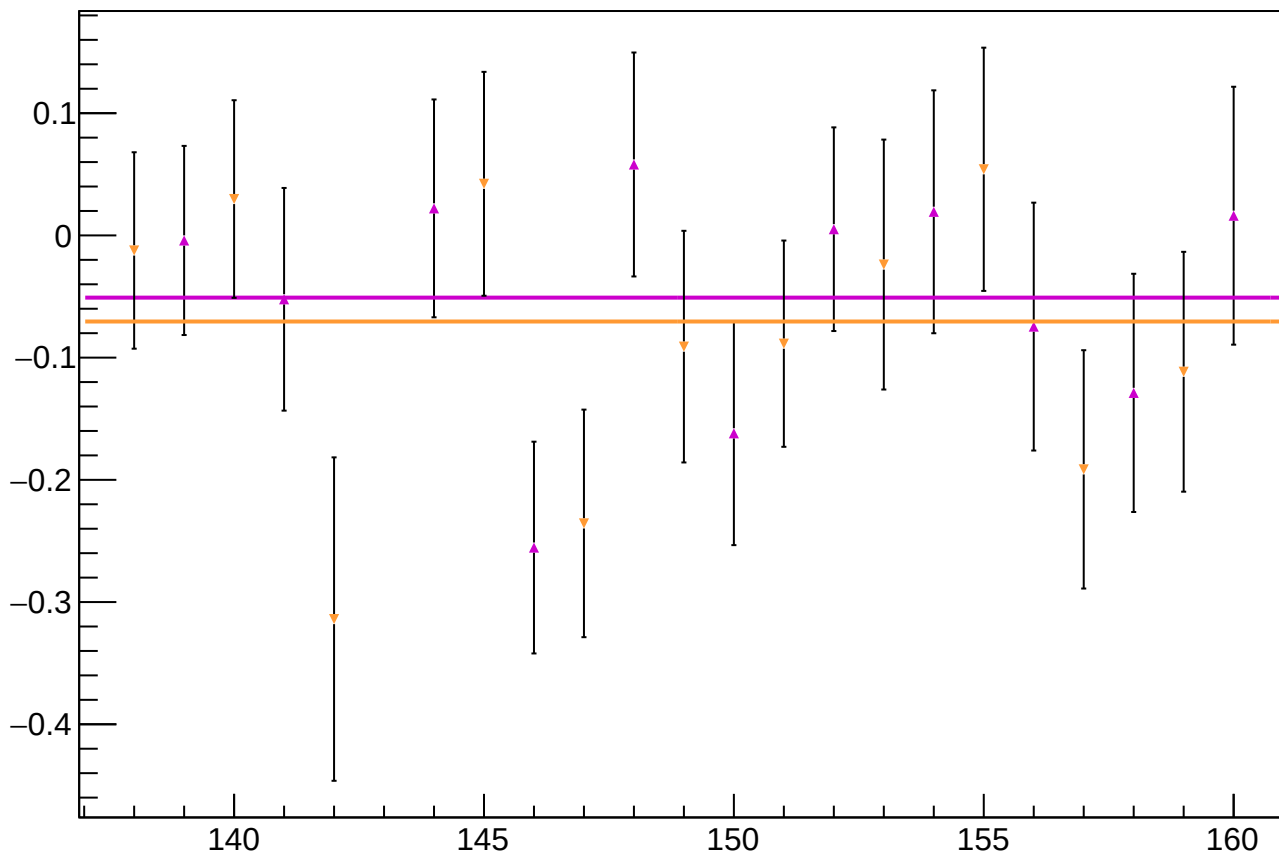
Left In: -1.815 ± 0.012 $\chi^2/\text{NDF}: 18937.3/10$

+ sign -1.427 ± 0.011 $\chi^2/\text{NDF}: 40653.8/26$

All: -1.606 ± 0.007 $\chi^2/\text{NDF}: 138061.0/55$

- sign -1.773 ± 0.010 $\chi^2/\text{NDF}: 96870.8/28$

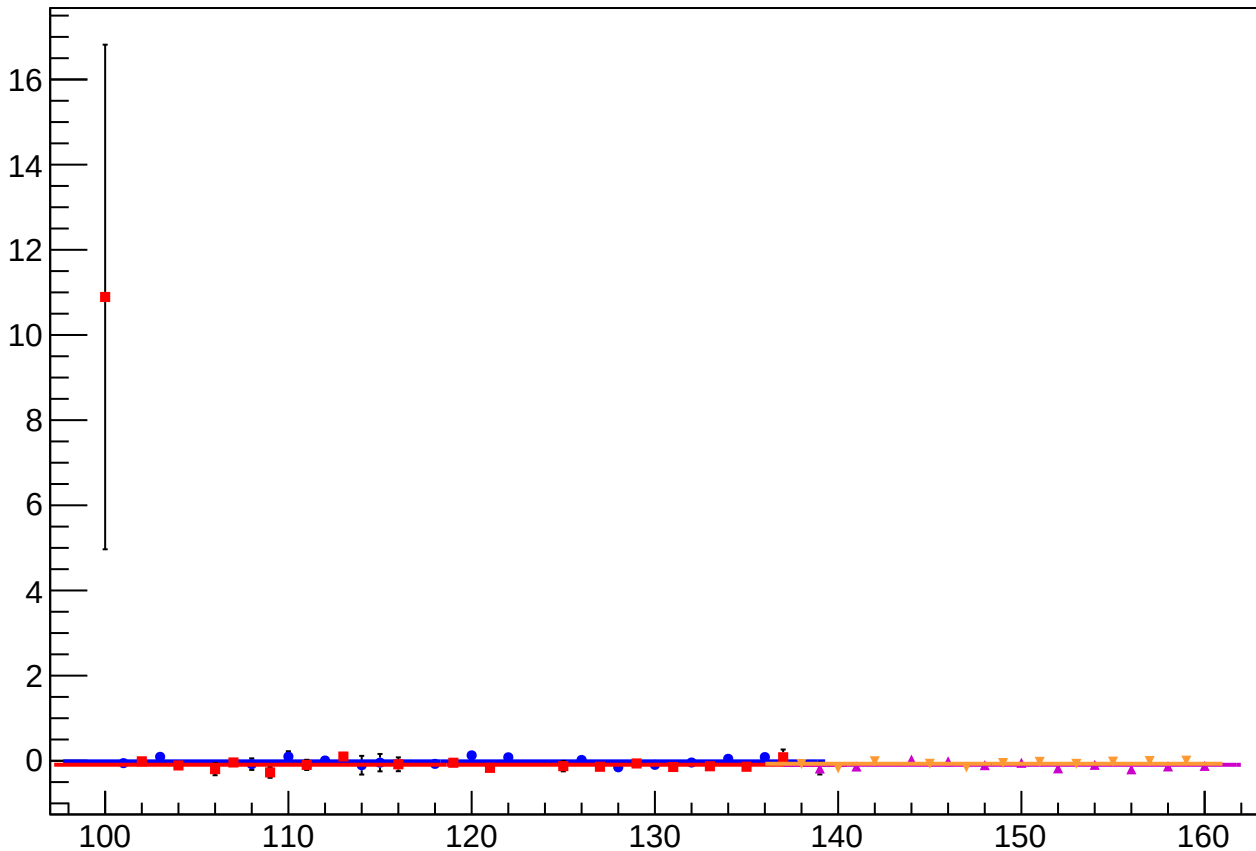
reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.070+/-0.028 χ^2/NDF : 13.7/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.051+/-0.027 χ^2/NDF : 11.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.060+/-0.020 χ^2/NDF : 25.5/21
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 $\pm$ 0.023 χ^2 /NDF: 12.2/15

Left Out: -0.069 $\pm$ 0.019 χ^2 /NDF: 10.2/10

Right Out: -0.092 $\pm$ 0.025 χ^2 /NDF: 12.7/17

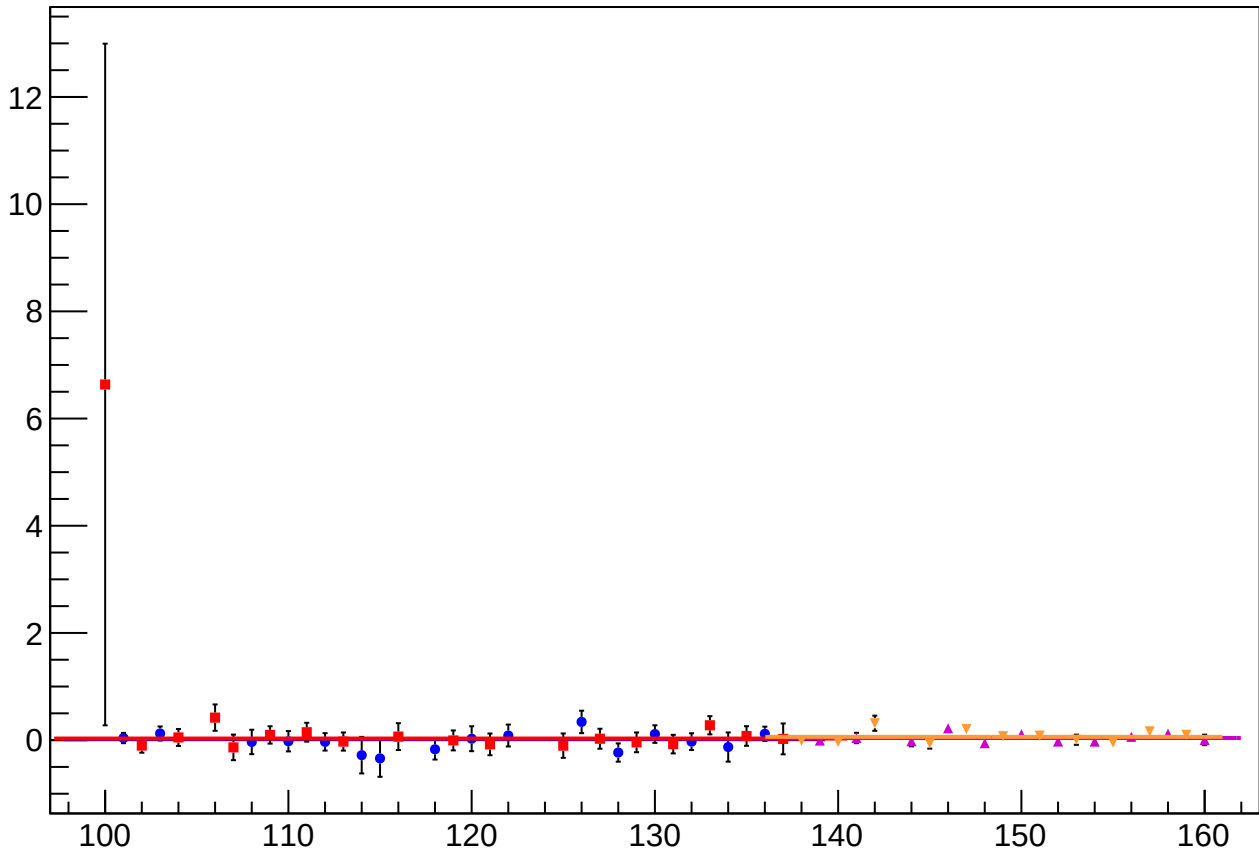
Left In: -0.094 $\pm$ 0.019 χ^2 /NDF: 12.1/10

+ sign -0.046 $\pm$ 0.015 χ^2 /NDF: 25.9/26

All: -0.069 $\pm$ 0.011 χ^2 /NDF: 55.6/55

- sign -0.093 $\pm$ 0.015 χ^2 /NDF: 24.8/28

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.061 $\pm$ 0.028 χ^2 /NDF:12.7/10

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

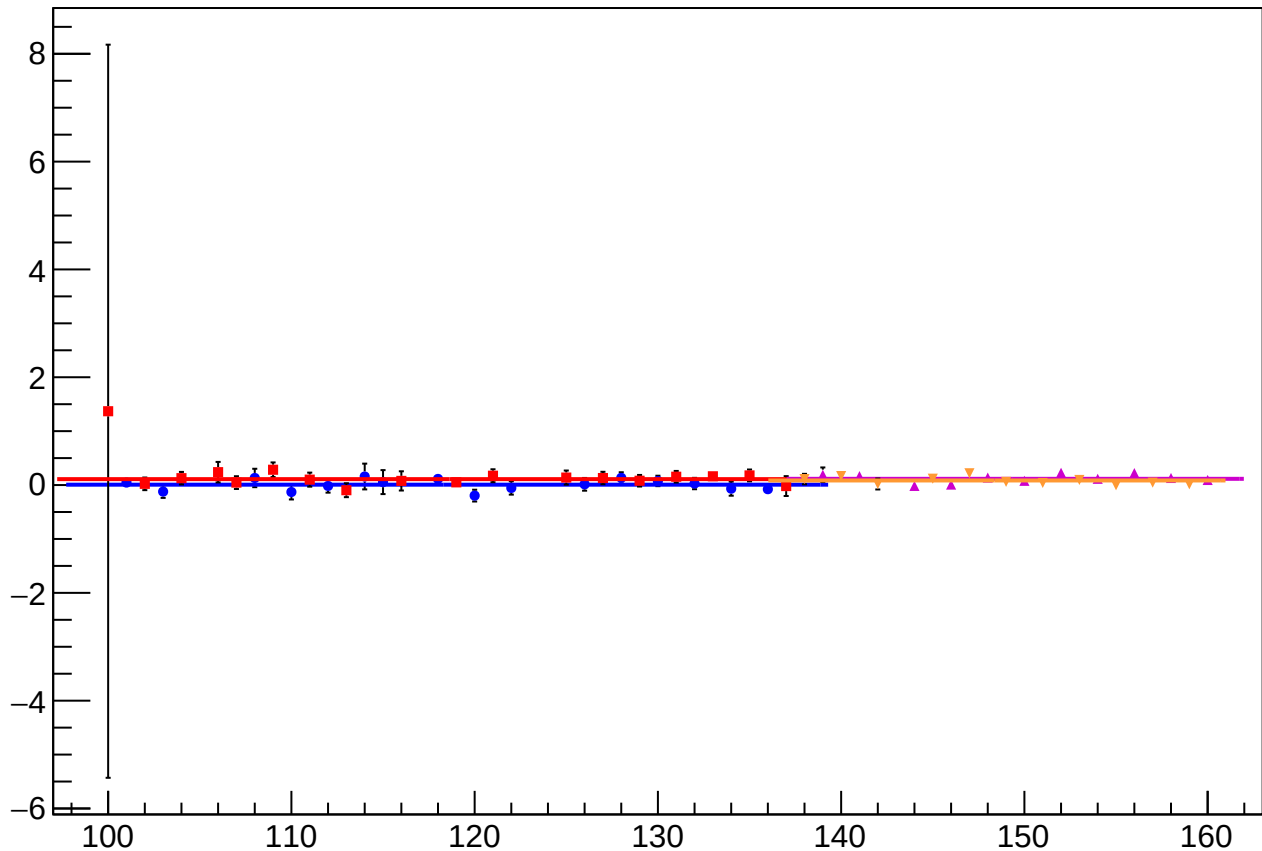
Left In: 0.040 $\pm$ 0.027 χ^2 /NDF:9.6/10

+ sign 0.048 $\pm$ 0.023 χ^2 /NDF: 23.1/26

All: 0.043 $\pm$ 0.016 χ^2 /NDF: 42.1/55

- sign 0.037 $\pm$ 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: 0.085 ± 0.023 χ^2/NDF : 9.6/10

Right Out: 0.110 ± 0.029 χ^2/NDF : 8.0/17

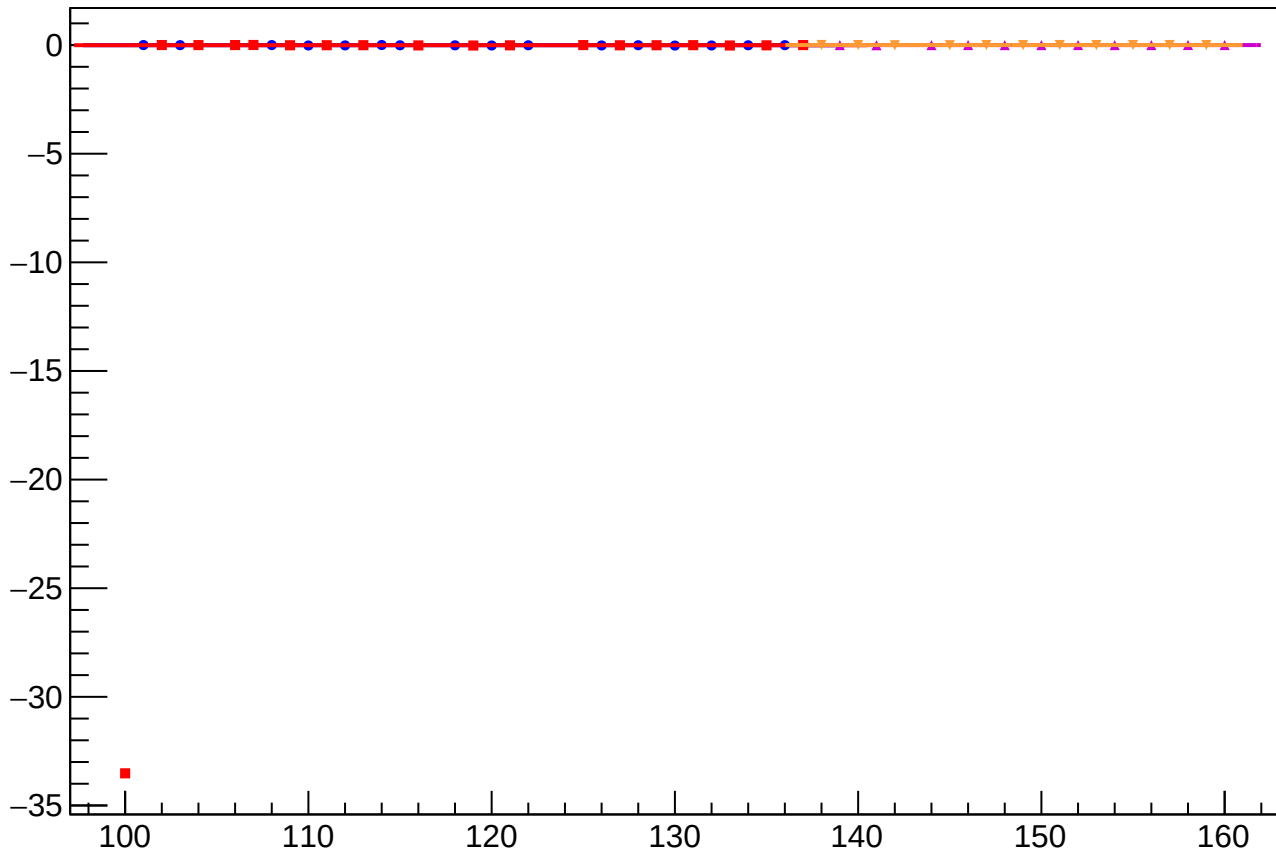
Left In: 0.116 ± 0.023 χ^2/NDF : 11.0/10

+ sign 0.052 ± 0.018 χ^2/NDF : 26.6/26

All: 0.082 ± 0.012 χ^2/NDF : 51.6/55

- 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: 7.1/10

Right Out: -0.006+/-0.001 χ^2 /NDF: 26508.9/17

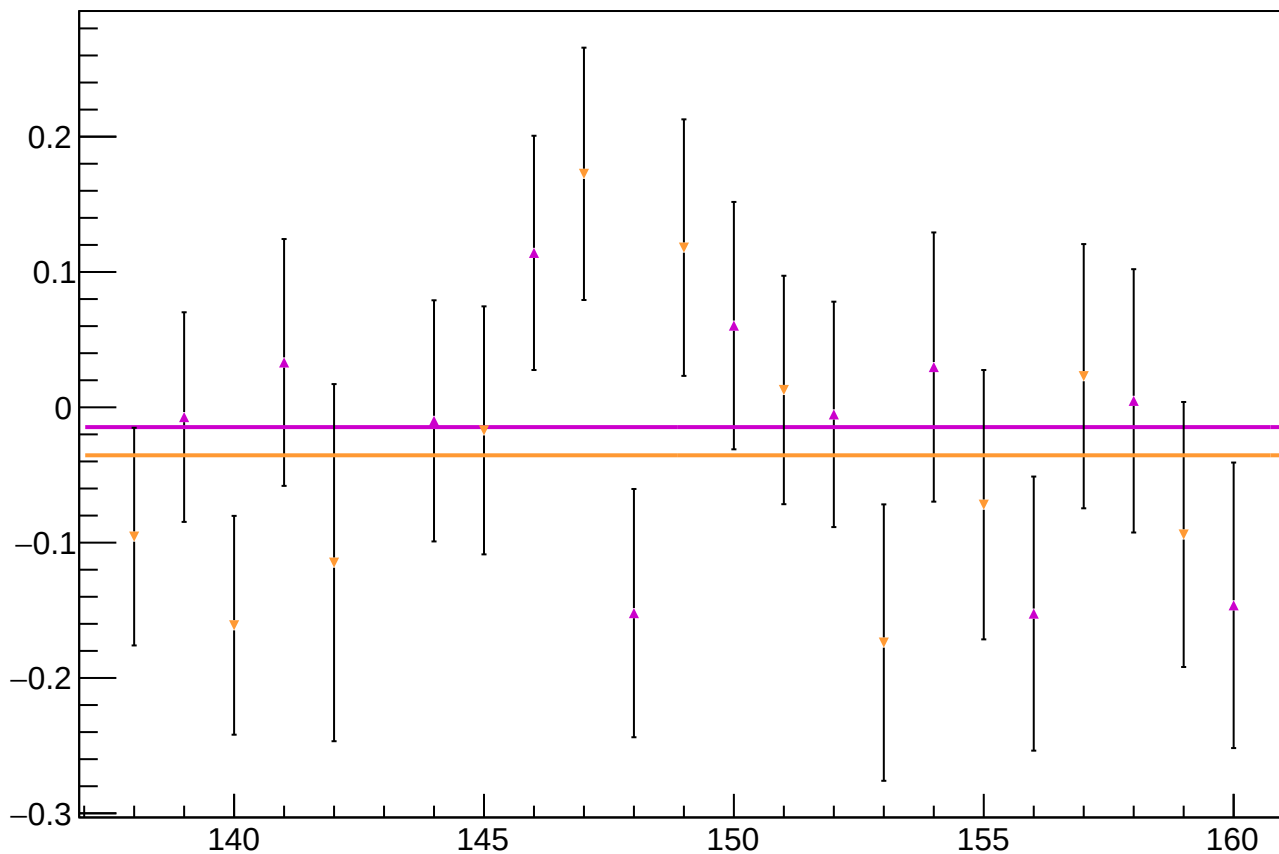
Left In: 0.000+/-0.001 χ^2 /NDF: 7.4/10

+ sign -0.001+/-0.001 χ^2 /NDF: 42.6/26

All: -0.002+/-0.001 χ^2 /NDF: 26570.6/55

- 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: -0.035 $\pm$ 0.028 χ^2 /NDF: 14.0/10

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

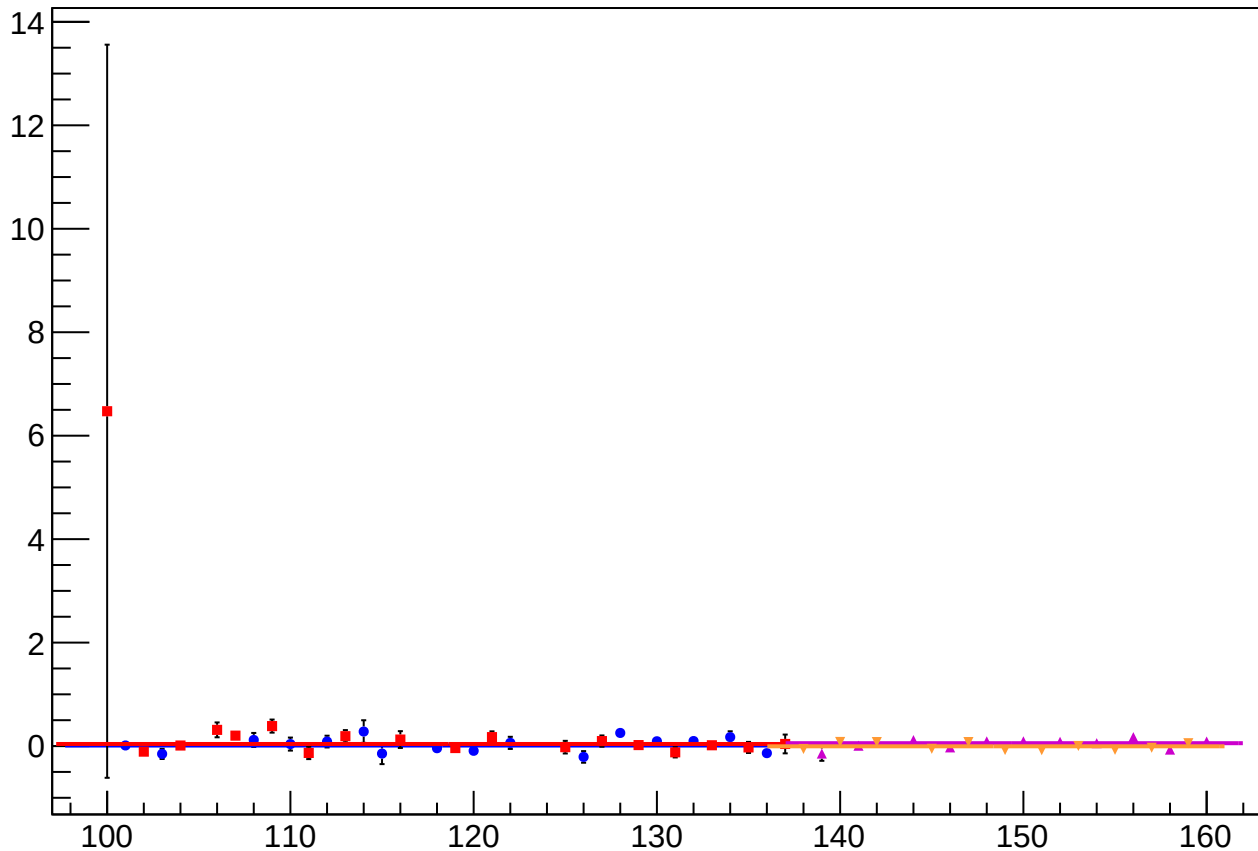
Left In: -0.015 $\pm$ 0.027 χ^2 /NDF: 9.1/10

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

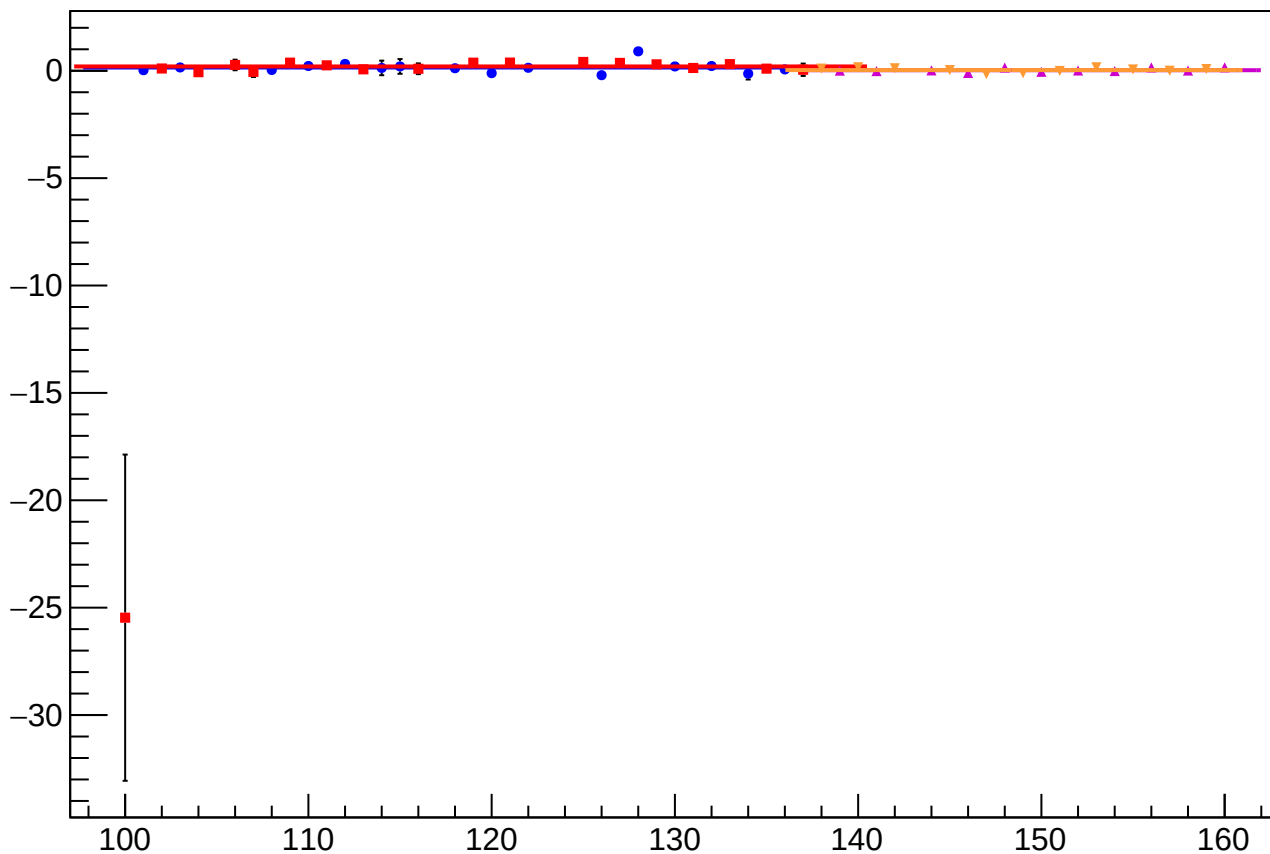
All: -0.025 $\pm$ 0.020 χ^2 /NDF: 23.3/21

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

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.032 ± 0.028 χ^2/NDF : 13.4/10

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

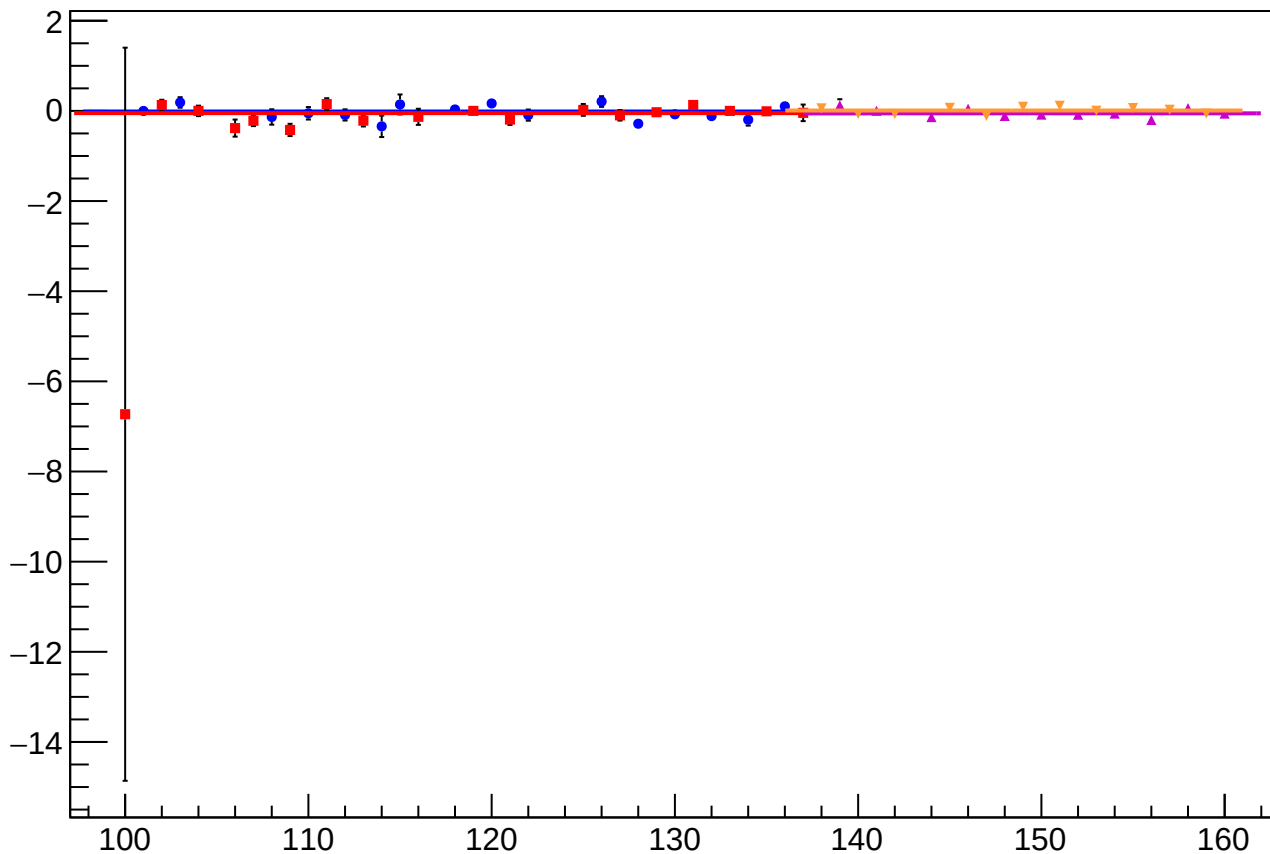
Left In: 0.026 ± 0.027 χ^2/NDF : 9.4/10

+ sign 0.067 ± 0.023 χ^2/NDF : 47.7/26

All: 0.069 ± 0.016 χ^2/NDF : 91.1/55

- 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: 0.009 ± 0.023 χ^2/NDF : 11.6/10

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

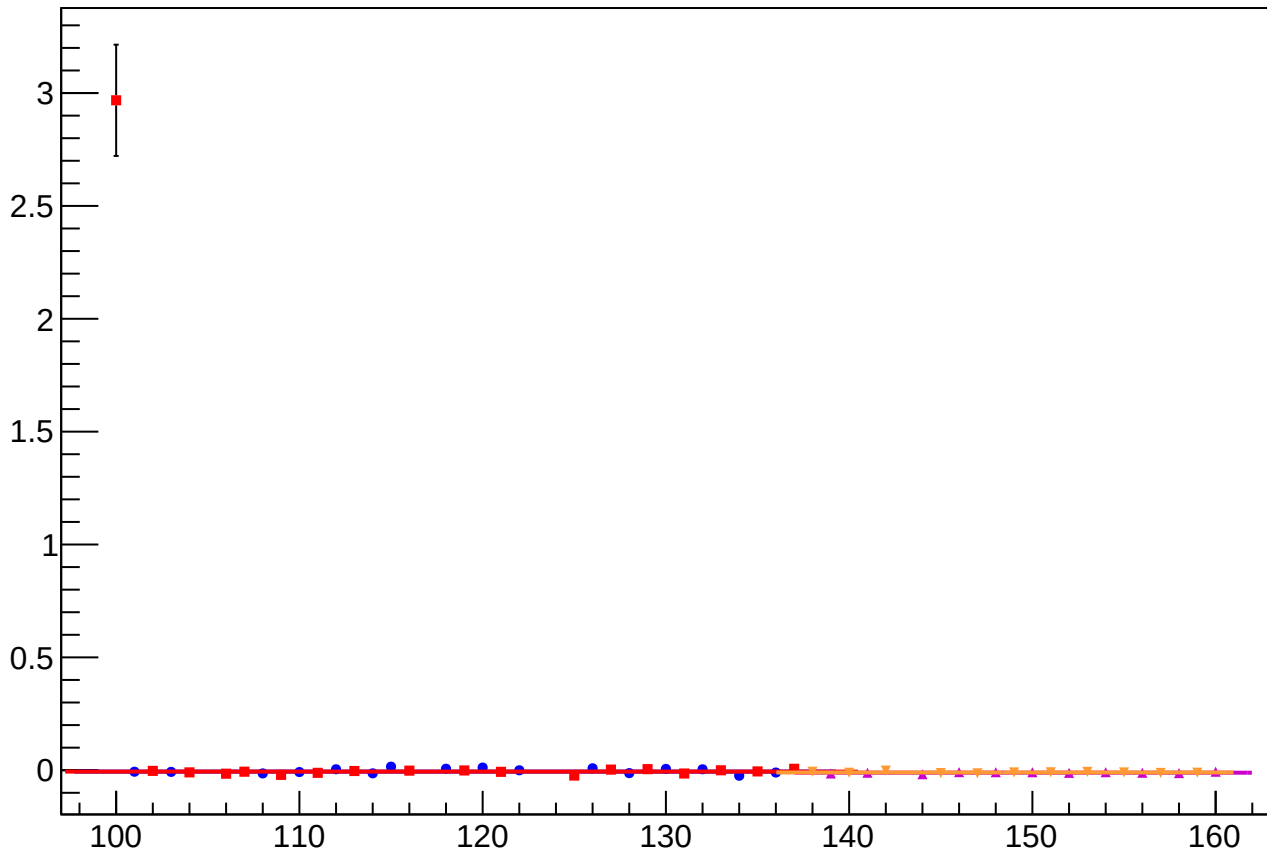
Left In: -0.054 ± 0.023 χ^2/NDF : 13.3/10

+ sign -0.001 ± 0.018 χ^2/NDF : 37.1/26

All: -0.026 ± 0.012 χ^2/NDF : 80.4/55

- 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: -0.010 ± 0.001 χ^2/NDF : 5.7/10

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

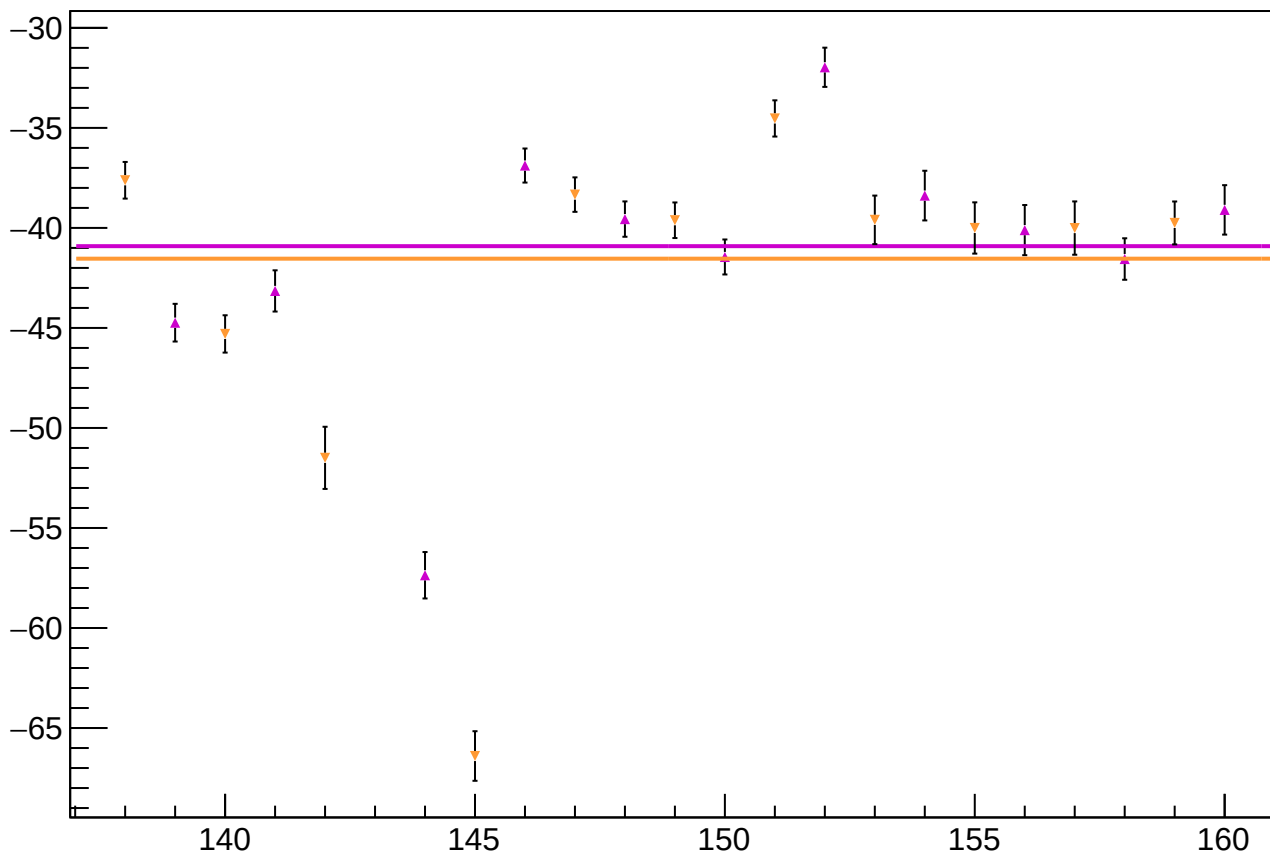
Left In: -0.011 ± 0.001 χ^2/NDF : 7.4/10

+ sign -0.008 ± 0.001 χ^2/NDF : 39.2/26

All: -0.009 ± 0.001 χ^2/NDF : 220.2/55

- 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: -41.538+/-0.317 χ^2/NDF : 564.4/10

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

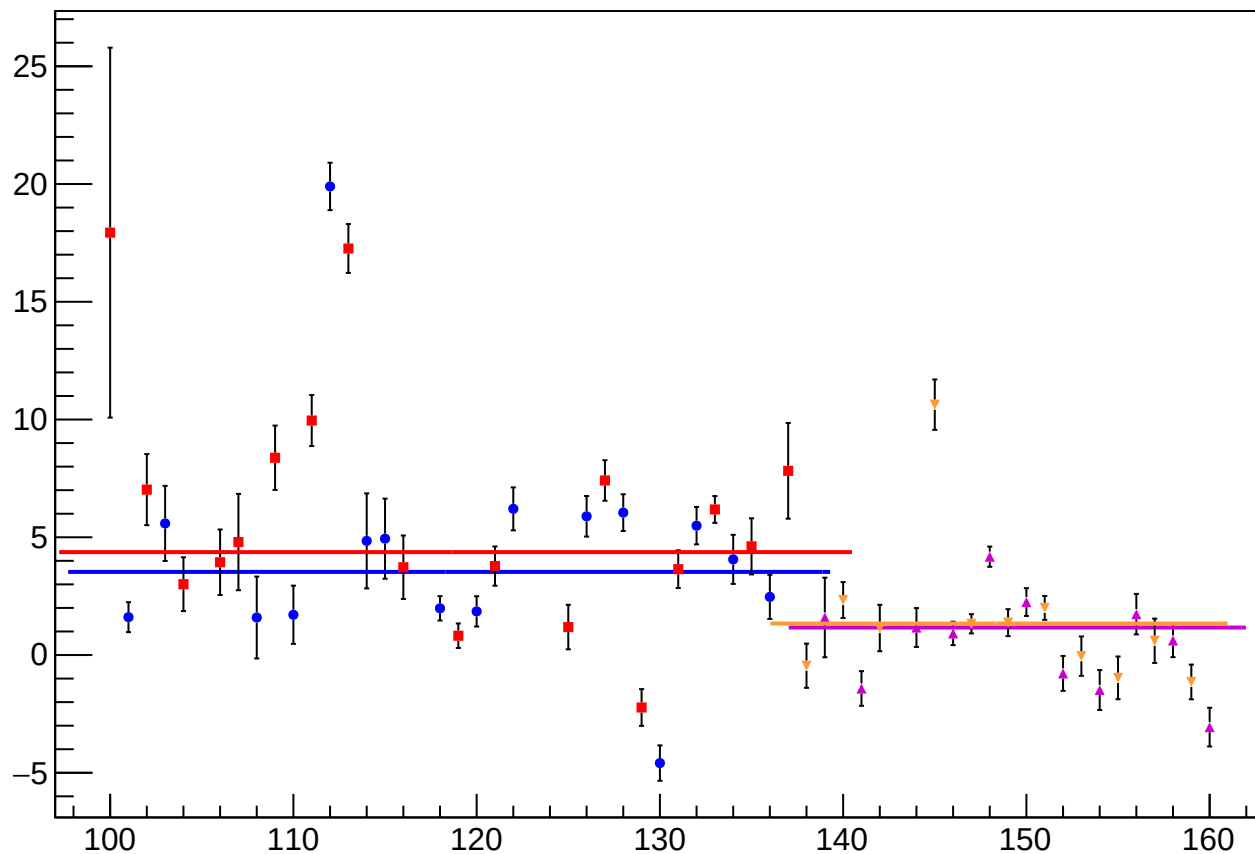
Left In: -40.912+/-0.306 χ^2/NDF : 337.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.214+/-0.220 χ^2/NDF : 904.0/21

- 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: 1.338 ± 0.207 χ^2/NDF : 103.5/10

Right Out: 4.370 ± 0.225 χ^2/NDF : 353.8/17

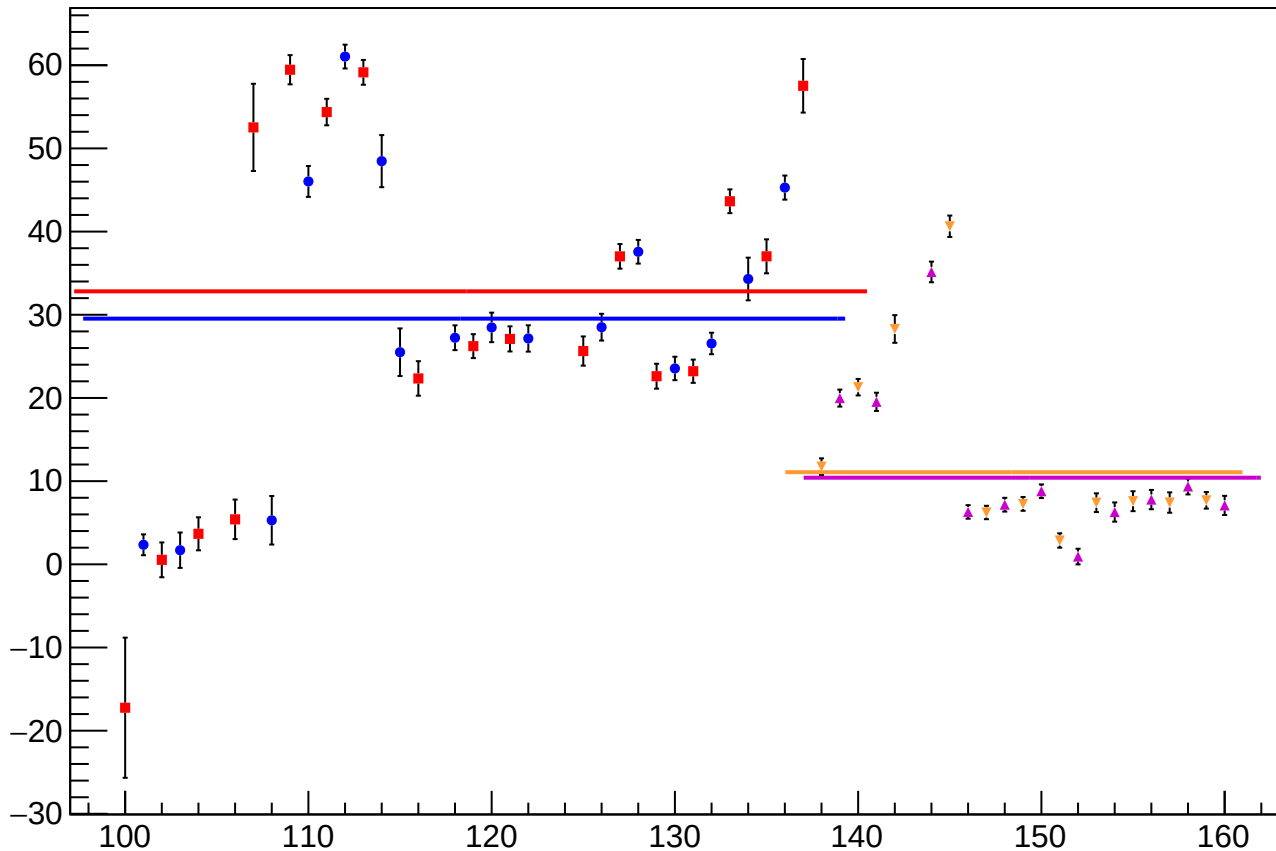
Left In: 1.167 ± 0.204 χ^2/NDF : 109.5/10

+ sign 2.381 ± 0.150 χ^2/NDF : 603.4/26

All: 2.494 ± 0.106 χ^2/NDF : 1178.7/55

- 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: 11.075 $\pm$ 0.309 χ^2 /NDF: 928.5/10

Right Out: 32.816 $\pm$ 0.423 χ^2 /NDF: 1659.3/17

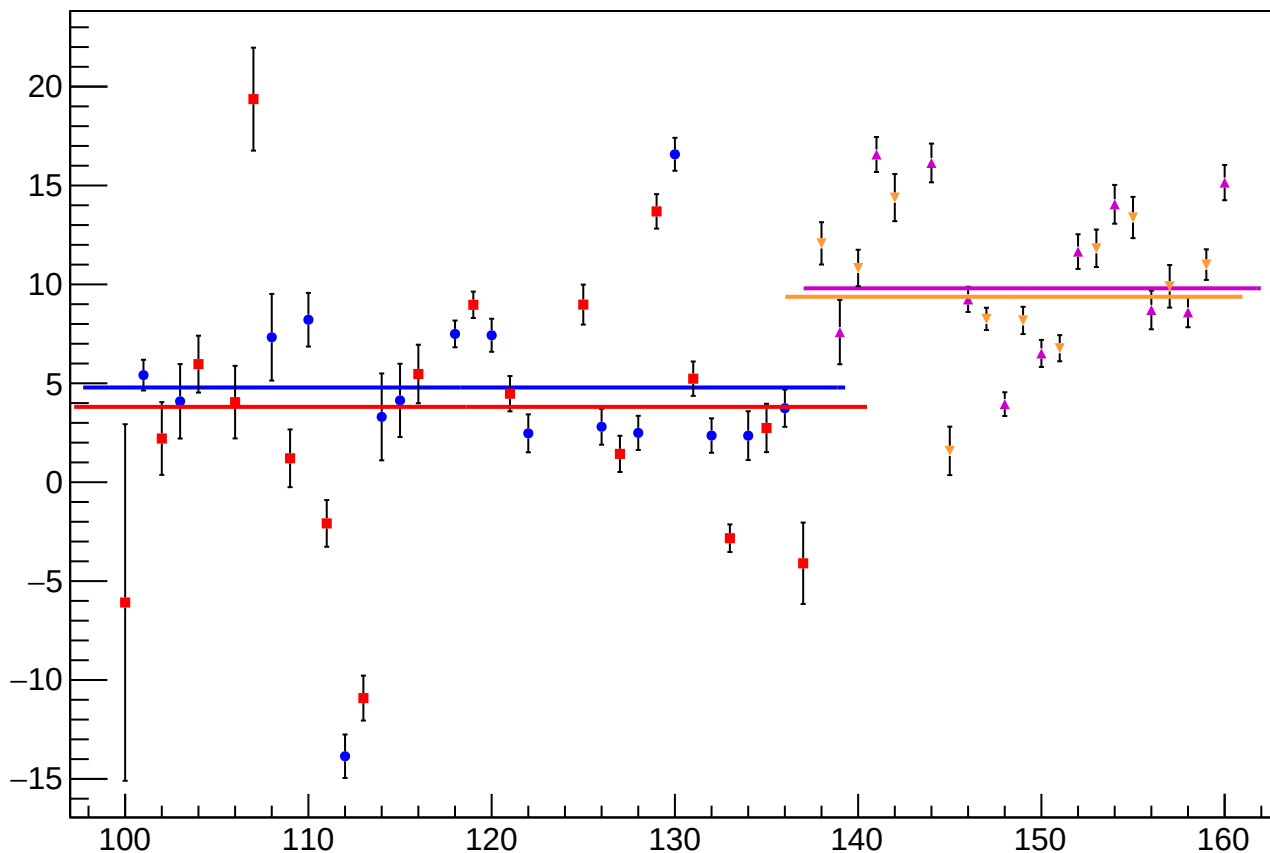
Left In: 10.414 $\pm$ 0.296 χ^2 /NDF: 728.8/10

+ sign 17.620 $\pm$ 0.248 χ^2 /NDF: 3689.8/26

All: 17.711 $\pm$ 0.174 χ^2 /NDF: 7959.8/55

- 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 χ^2/NDF : 553.9/15

Left Out: 9.374 ± 0.254 χ^2/NDF : 115.6/10

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

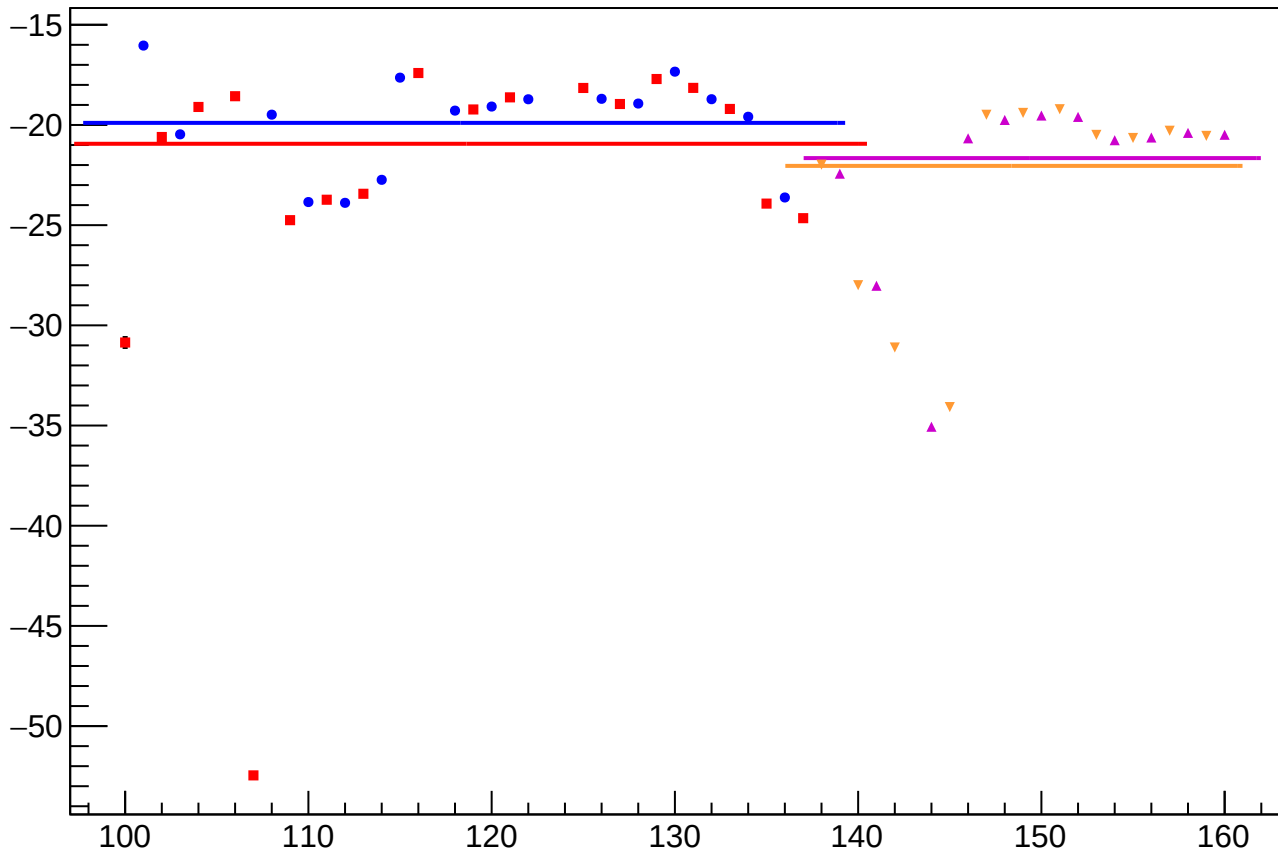
Left In: 9.803 ± 0.246 χ^2/NDF : 284.5/10

+ sign 7.058 ± 0.179 χ^2/NDF : 834.4/26

All: 7.007 ± 0.126 χ^2/NDF : 1968.1/55

- sign 6.956 ± 0.178 χ^2/NDF : 1133.6/28

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -22.042 ± 0.012 χ^2/NDF : 114910.2/10

Right Out: -20.938 ± 0.016 χ^2/NDF : 94065.2/17

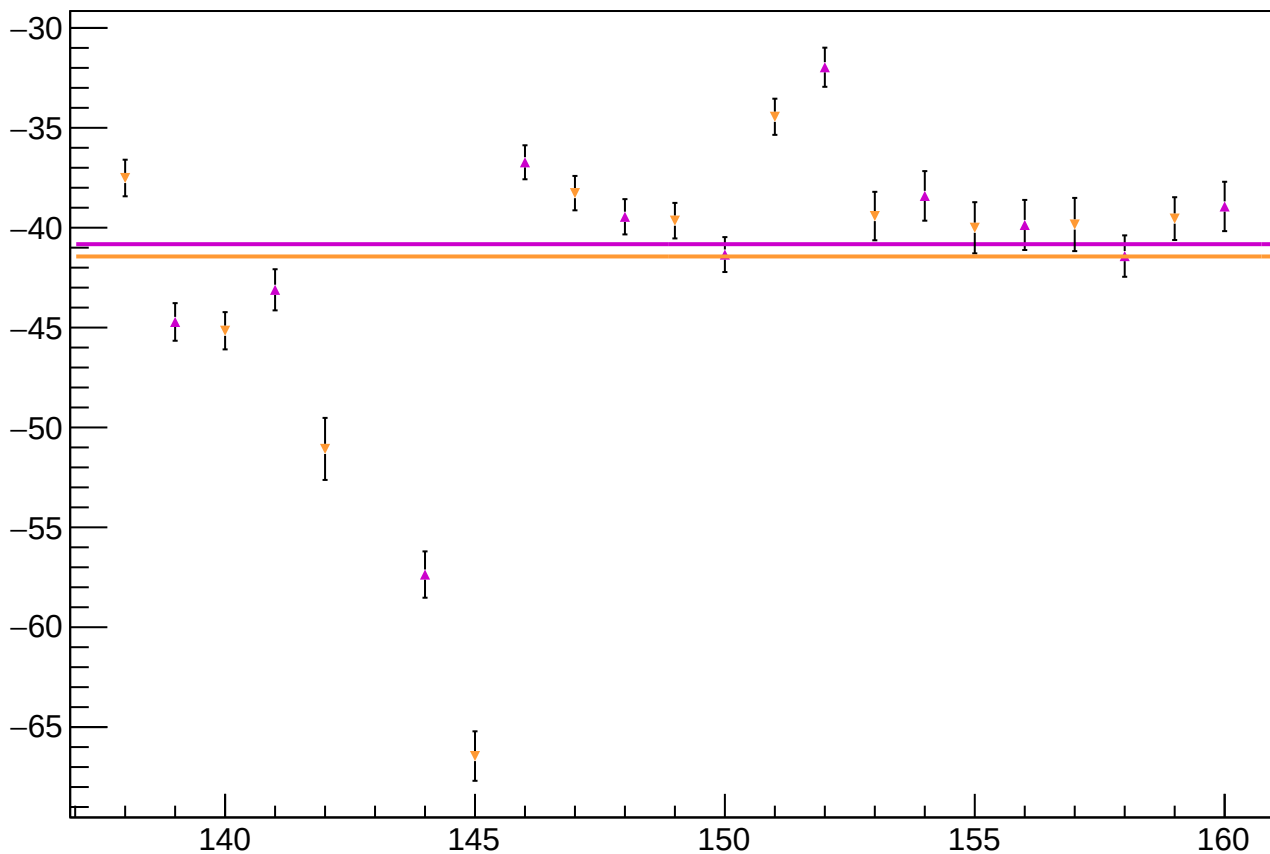
Left In: -21.653 ± 0.012 χ^2/NDF : 95367.7/10

+ sign -21.212 ± 0.010 χ^2/NDF : 152646.2/26

All: -21.309 ± 0.007 χ^2/NDF : 343608.0/55

- sign -21.399 ± 0.009 χ^2/NDF : 190767.8/28

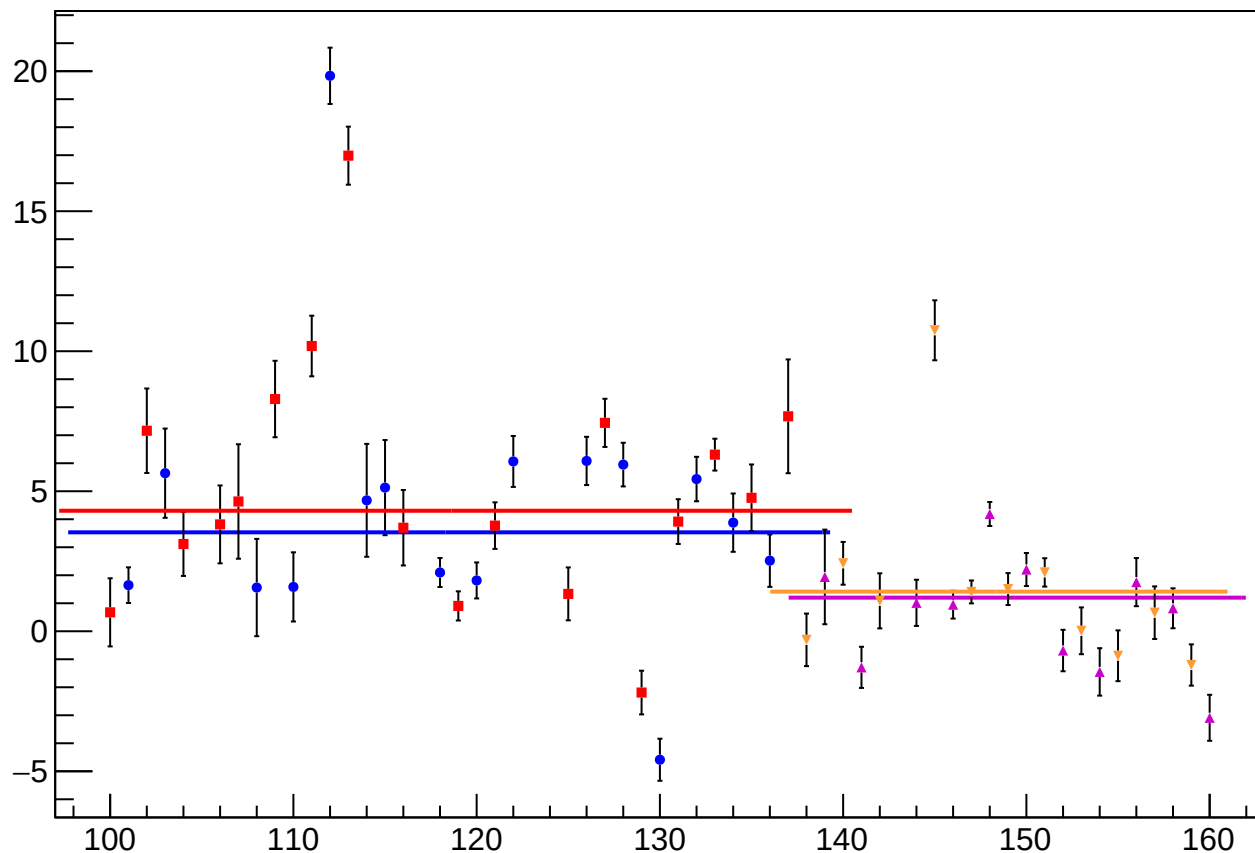
reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.441+/-0.317 χ^2/NDF : 566.3/10
 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: -41.122+/-0.220 χ^2/NDF : 908.4/21
 - 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: 1.415 ± 0.207 $\chi^2/\text{NDF}: 105.6/10$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

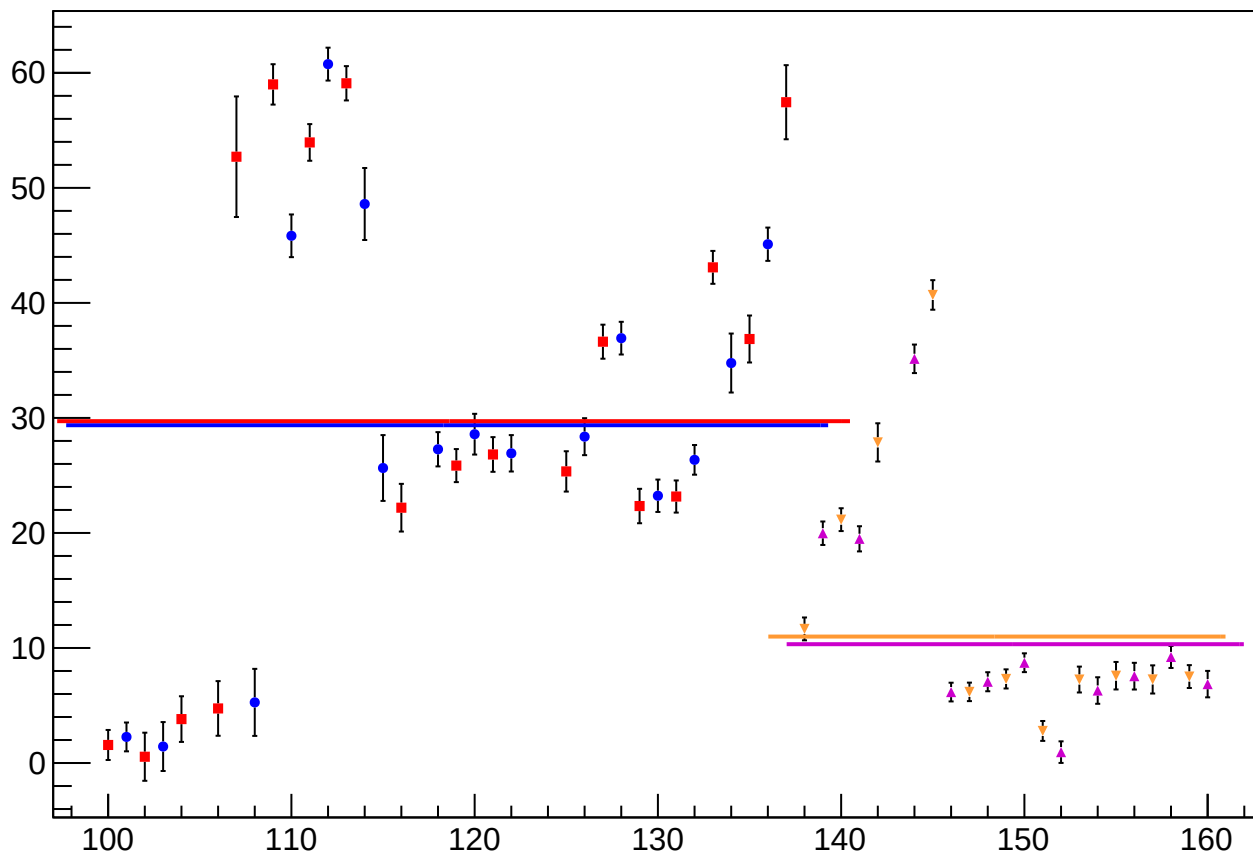
Left In: 1.200 ± 0.204 $\chi^2/\text{NDF}: 107.7/10$

+ sign 2.423 ± 0.150 $\chi^2/\text{NDF}: 598.6/26$

All: 2.523 ± 0.106 $\chi^2/\text{NDF}: 1166.2/55$

- 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 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 10.992 $\pm$ 0.309 χ^2 /NDF: 928.2/10

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

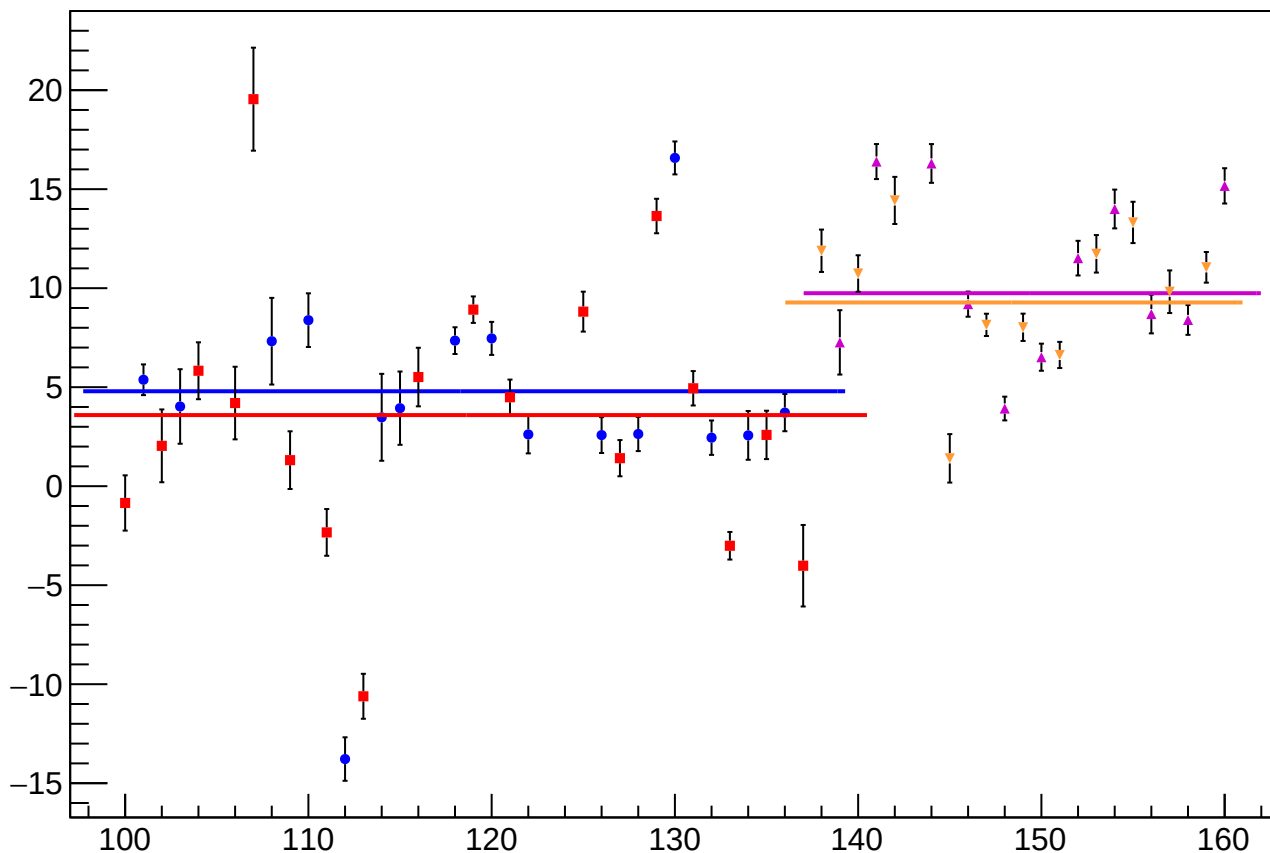
Left In: 10.329 $\pm$ 0.296 χ^2 /NDF: 733.6/10

+ sign 17.507 $\pm$ 0.248 χ^2 /NDF: 3673.3/26

All: 17.319 $\pm$ 0.172 χ^2 /NDF: 8042.7/55

- sign 17.145 $\pm$ 0.239 χ^2 /NDF: 4368.4/28

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 9.277 ± 0.254 $\chi^2/\text{NDF}: 119.3/10$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

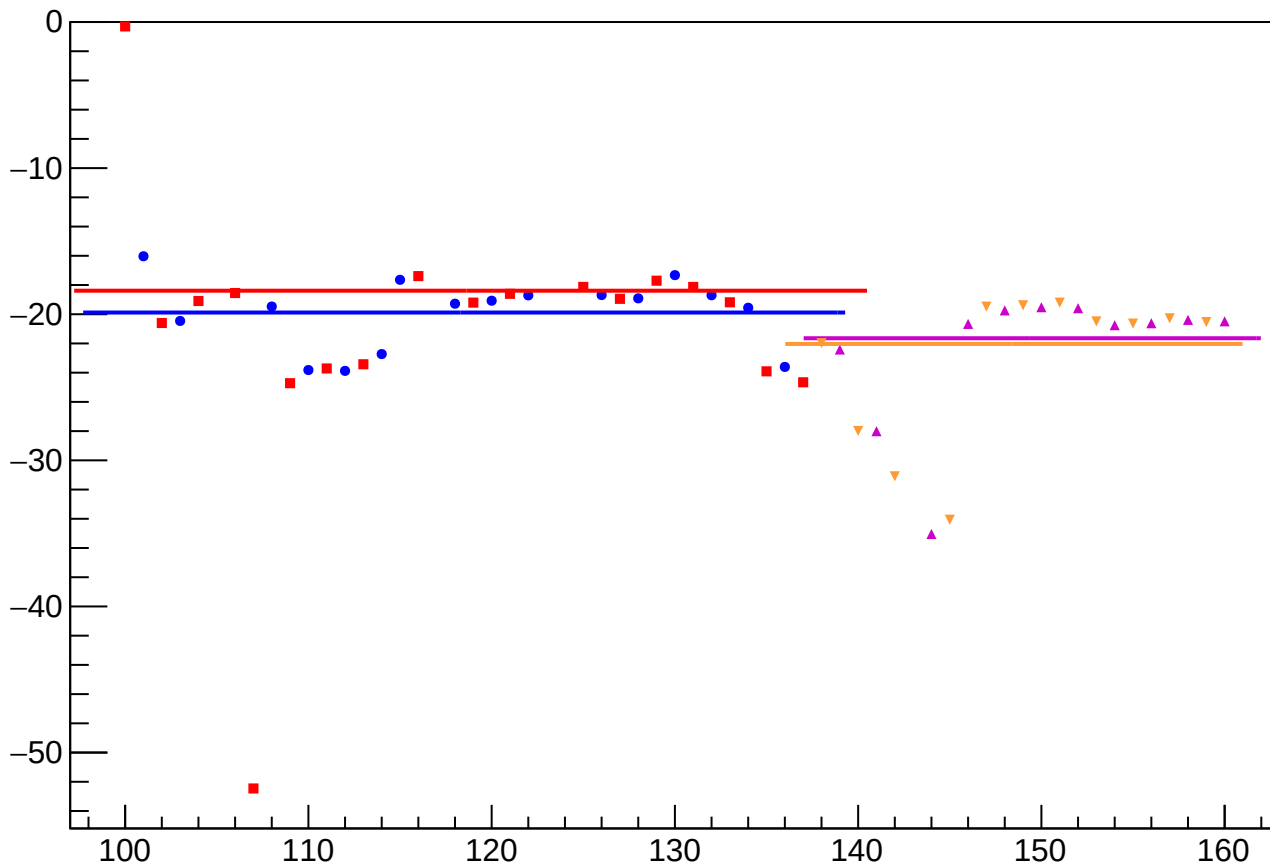
Left In: 9.746 ± 0.246 $\chi^2/\text{NDF}: 285.6/10$

+ sign 7.013 ± 0.178 $\chi^2/\text{NDF}: 827.1/26$

All: 6.891 ± 0.126 $\chi^2/\text{NDF}: 1989.3/55$

- sign 6.772 ± 0.177 $\chi^2/\text{NDF}: 1161.3/28$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 χ^2/NDF : 26063.5/15

Left Out: -22.033 ± 0.012 χ^2/NDF : 114985.7/10

Right Out: -18.390 ± 0.015 χ^2/NDF : 301247.7/17

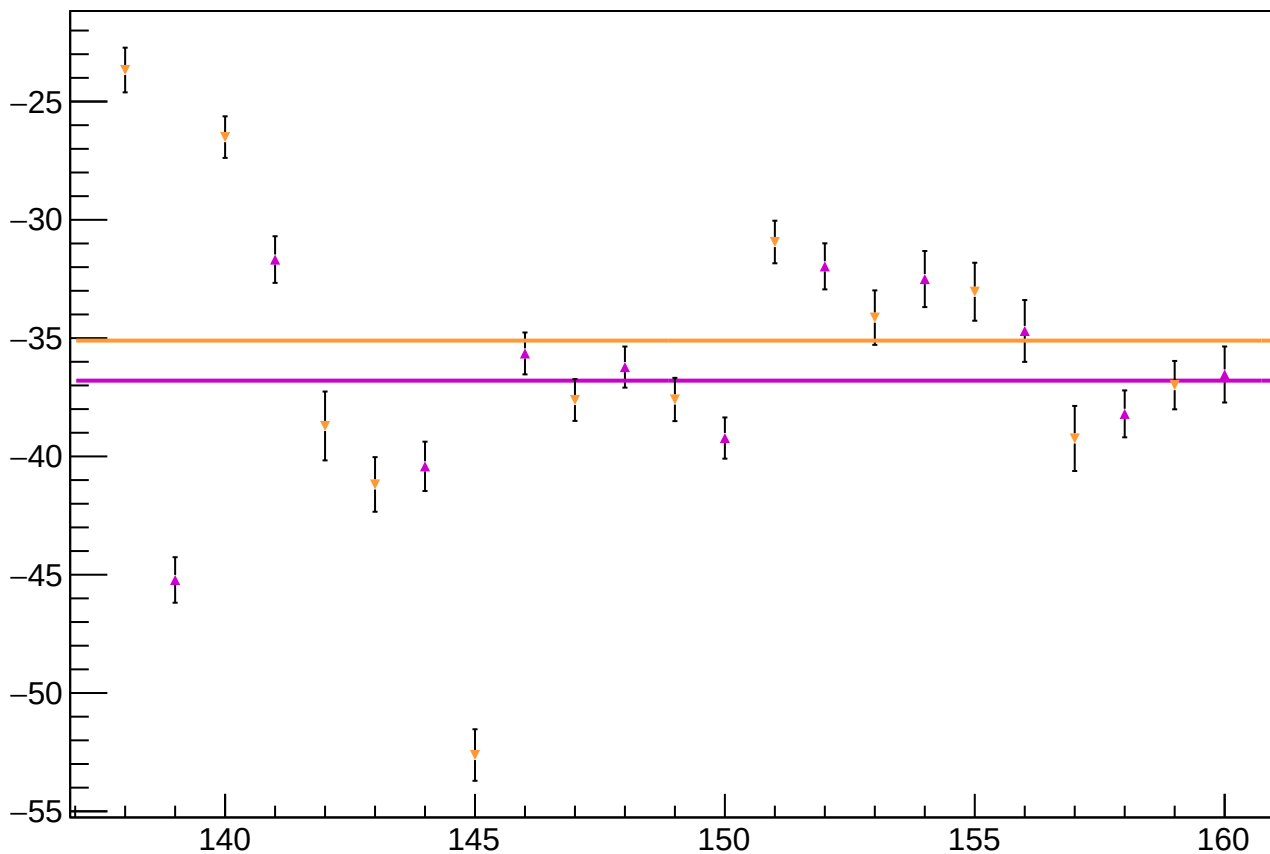
Left In: -21.643 ± 0.012 χ^2/NDF : 95303.7/10

+ sign -21.202 ± 0.010 χ^2/NDF : 152763.5/26

All: -20.774 ± 0.007 χ^2/NDF : 583007.4/55

- sign -20.392 ± 0.009 χ^2/NDF : 426541.6/28

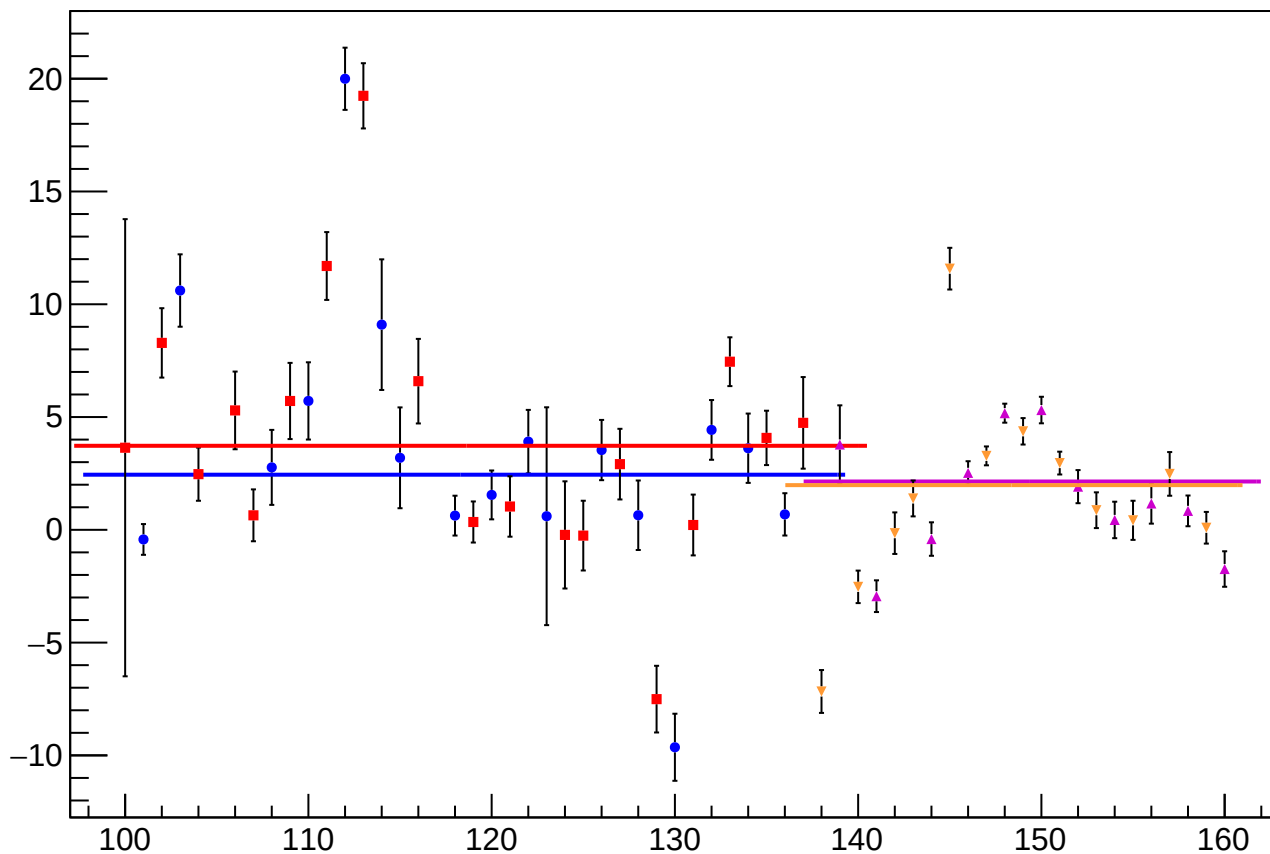
reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -35.104 $\pm$ 0.300 χ^2 /NDF:588.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -36.797 $\pm$ 0.301 χ^2 /NDF:168.0/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -35.948 $\pm$ 0.213 χ^2 /NDF: 771.9/22
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 $\pm$ 0.311 χ^2/NDF : 295.3/16

Left Out: 1.981 $\pm$ 0.198 χ^2/NDF : 288.1/11

Right Out: 3.726 $\pm$ 0.327 χ^2/NDF : 269.1/18

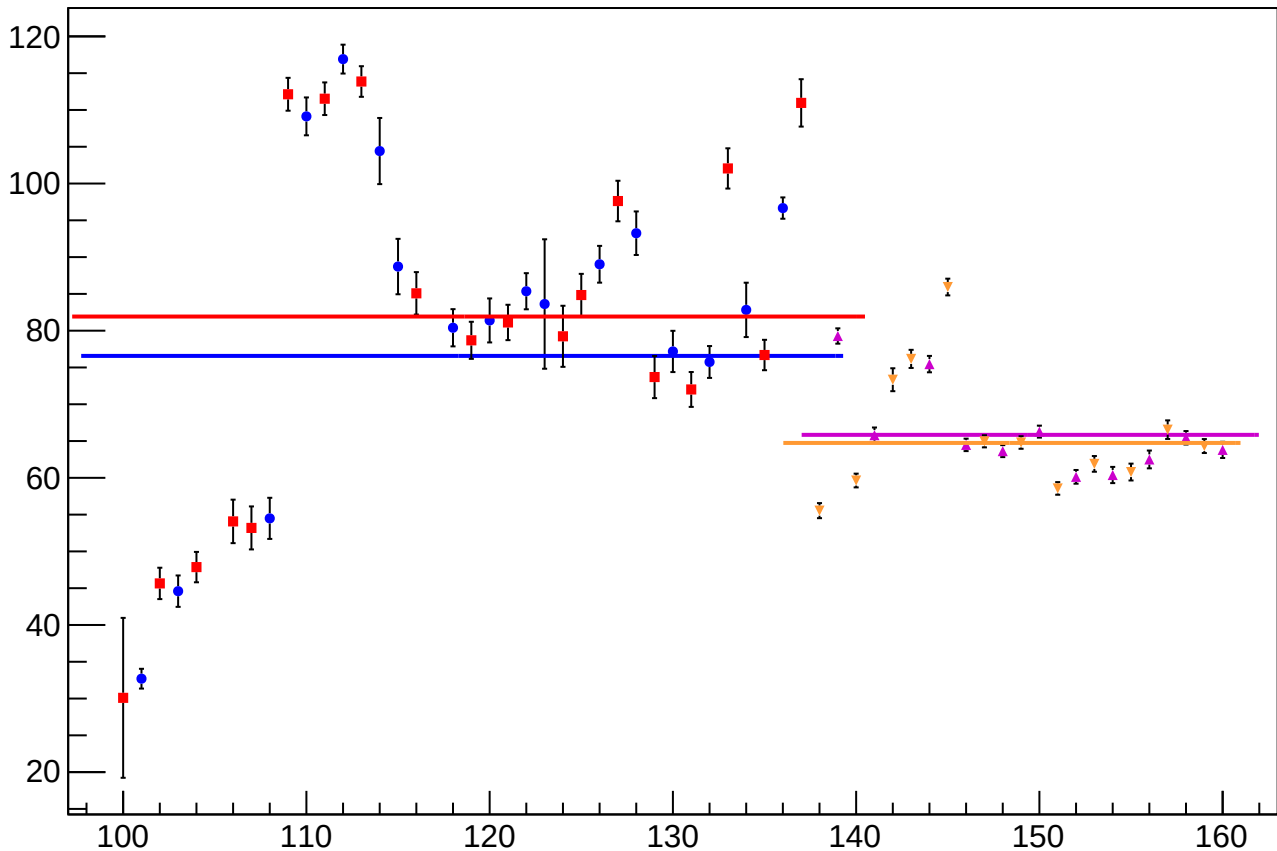
Left In: 2.142 $\pm$ 0.201 χ^2/NDF : 179.9/10

+ sign 2.115 $\pm$ 0.167 χ^2/NDF : 585.0/28

All: 2.340 $\pm$ 0.119 χ^2/NDF : 1054.8/58

- sign 2.575 $\pm$ 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: 64.743 $\pm$ 0.295 χ^2/NDF : 647.2/11

Right Out: 81.923 $\pm$ 0.592 χ^2/NDF : 1570.6/18

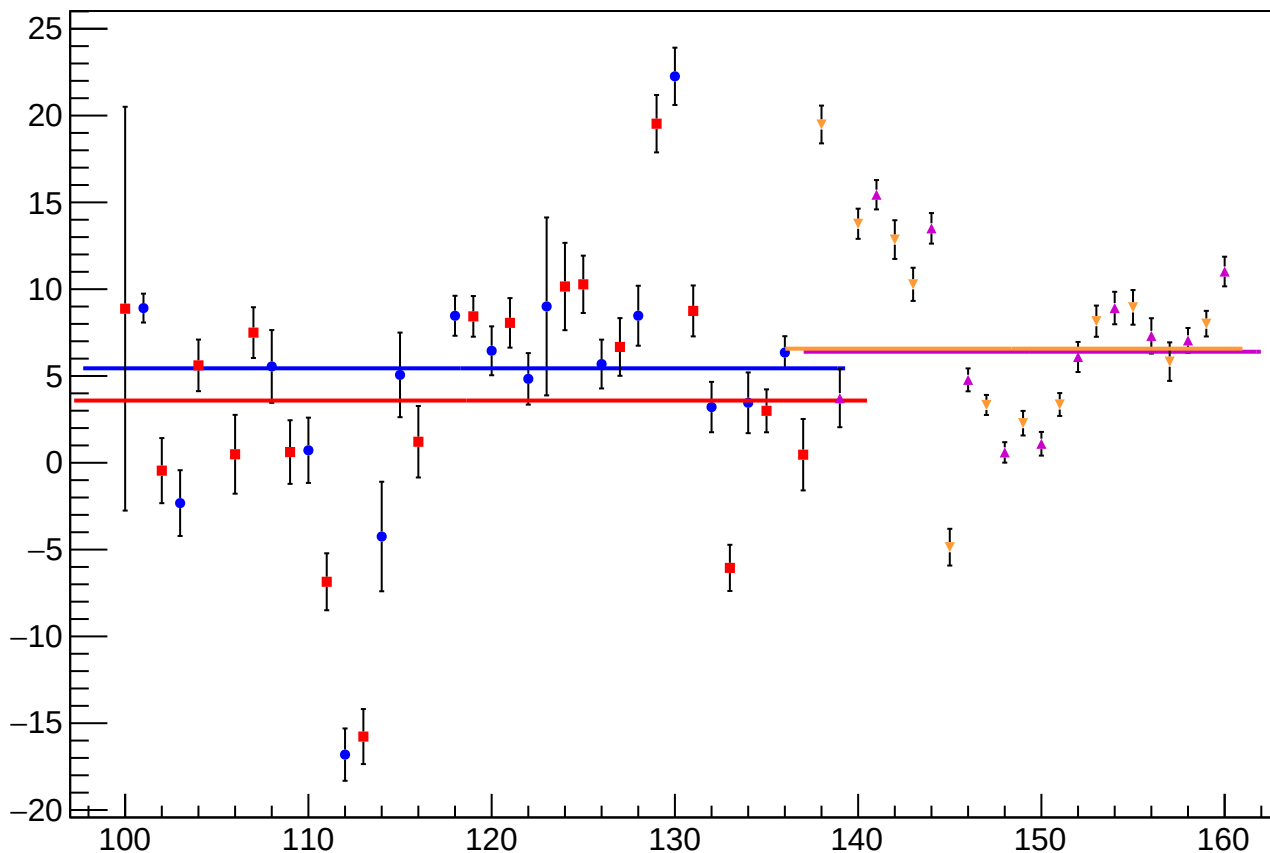
Left In: 65.842 $\pm$ 0.292 χ^2/NDF : 324.4/10

+ sign 67.216 $\pm$ 0.262 χ^2/NDF : 3237.6/28

All: 68.103 $\pm$ 0.185 χ^2/NDF : 5749.1/58

- 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: 6.575 ± 0.241 $\chi^2/\text{NDF}: 478.2/11$

Right Out: 3.585 ± 0.375 $\chi^2/\text{NDF}: 423.2/18$

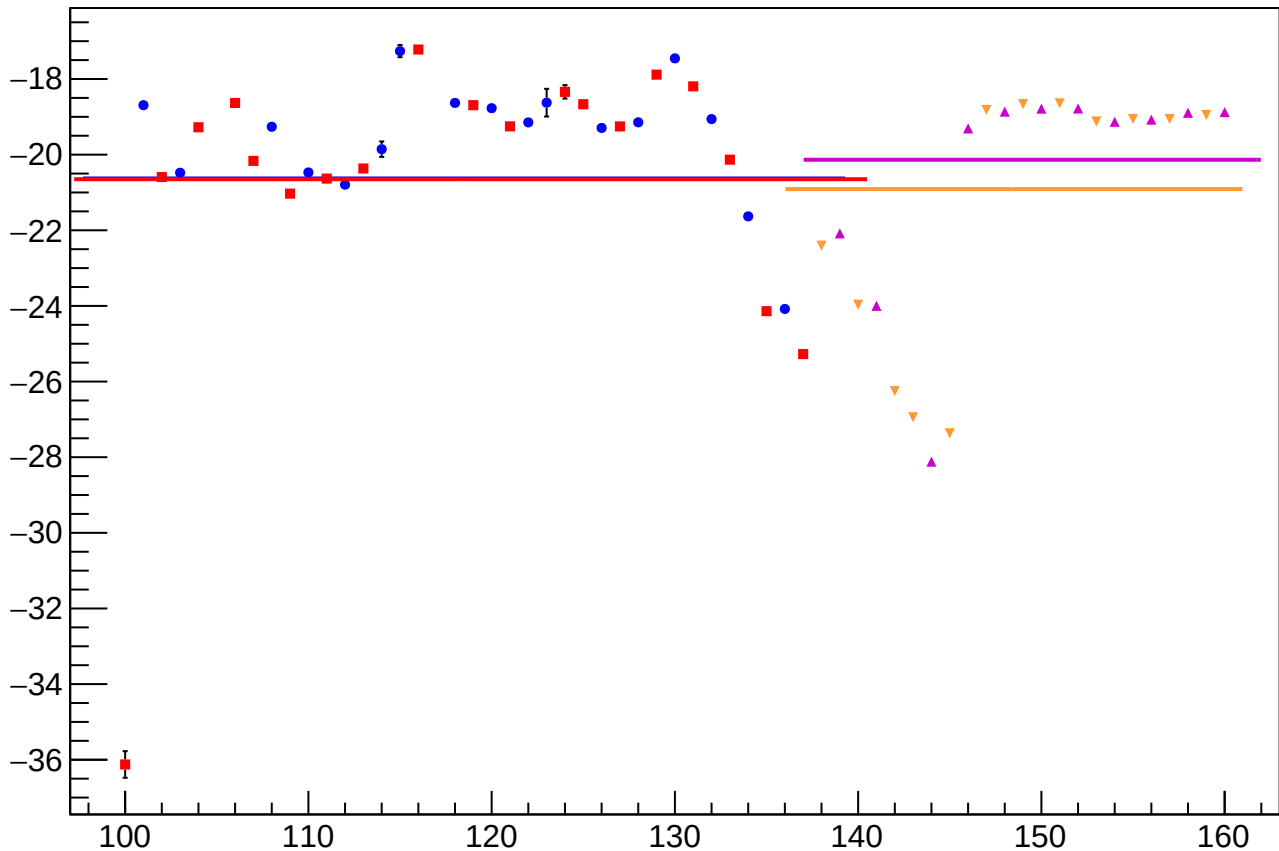
Left In: 6.396 ± 0.242 $\chi^2/\text{NDF}: 383.6/10$

+ sign 6.220 ± 0.200 $\chi^2/\text{NDF}: 872.5/28$

All: 5.901 ± 0.143 $\chi^2/\text{NDF}: 1724.2/58$

- 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: -20.911 ± 0.012 $\chi^2/\text{NDF}: 69650.5/11$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

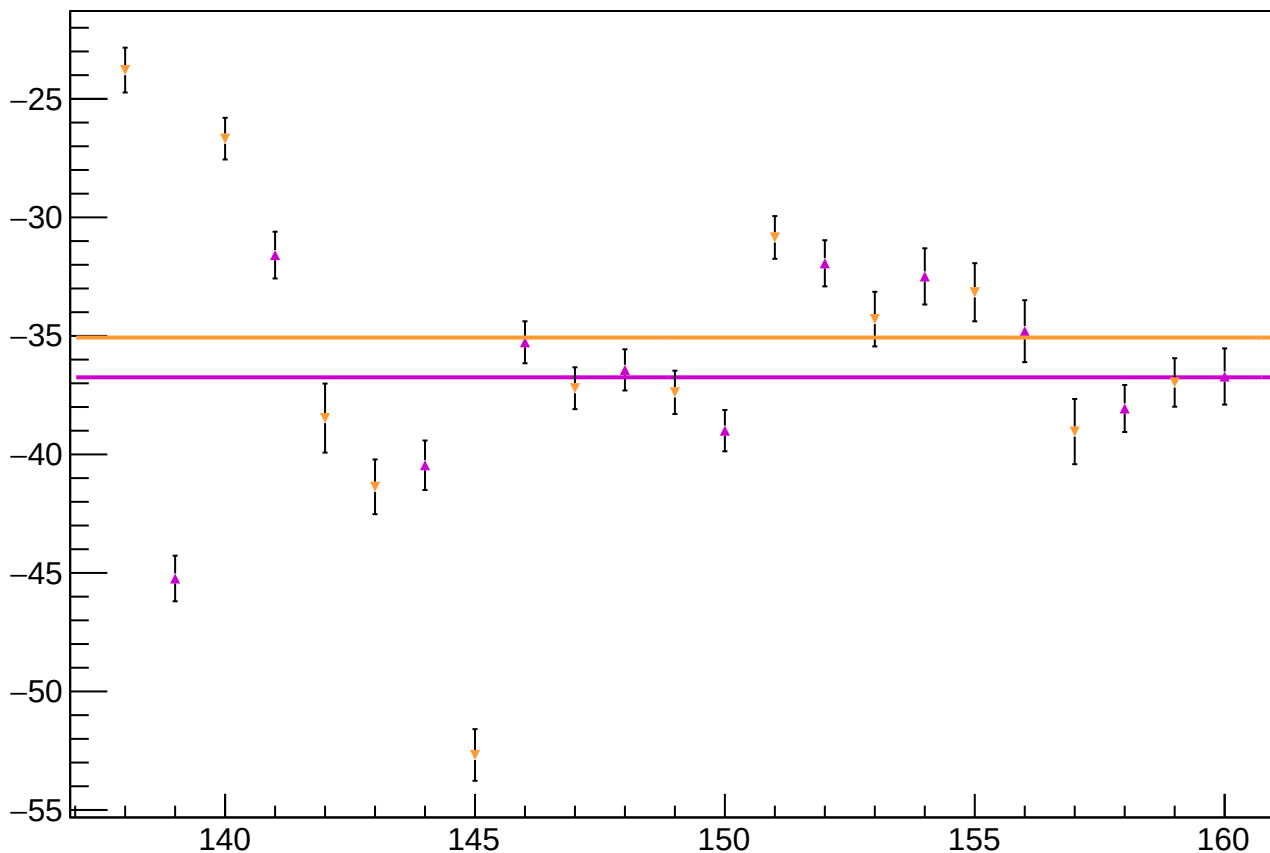
Left In: -20.135 ± 0.011 $\chi^2/\text{NDF}: 46319.3/10$

+ sign -20.835 ± 0.010 $\chi^2/\text{NDF}: 82295.1/28$

All: -20.547 ± 0.007 $\chi^2/\text{NDF}: 144636.4/58$

- 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: -35.070+/-0.300 χ^2/NDF : 578.9/11

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

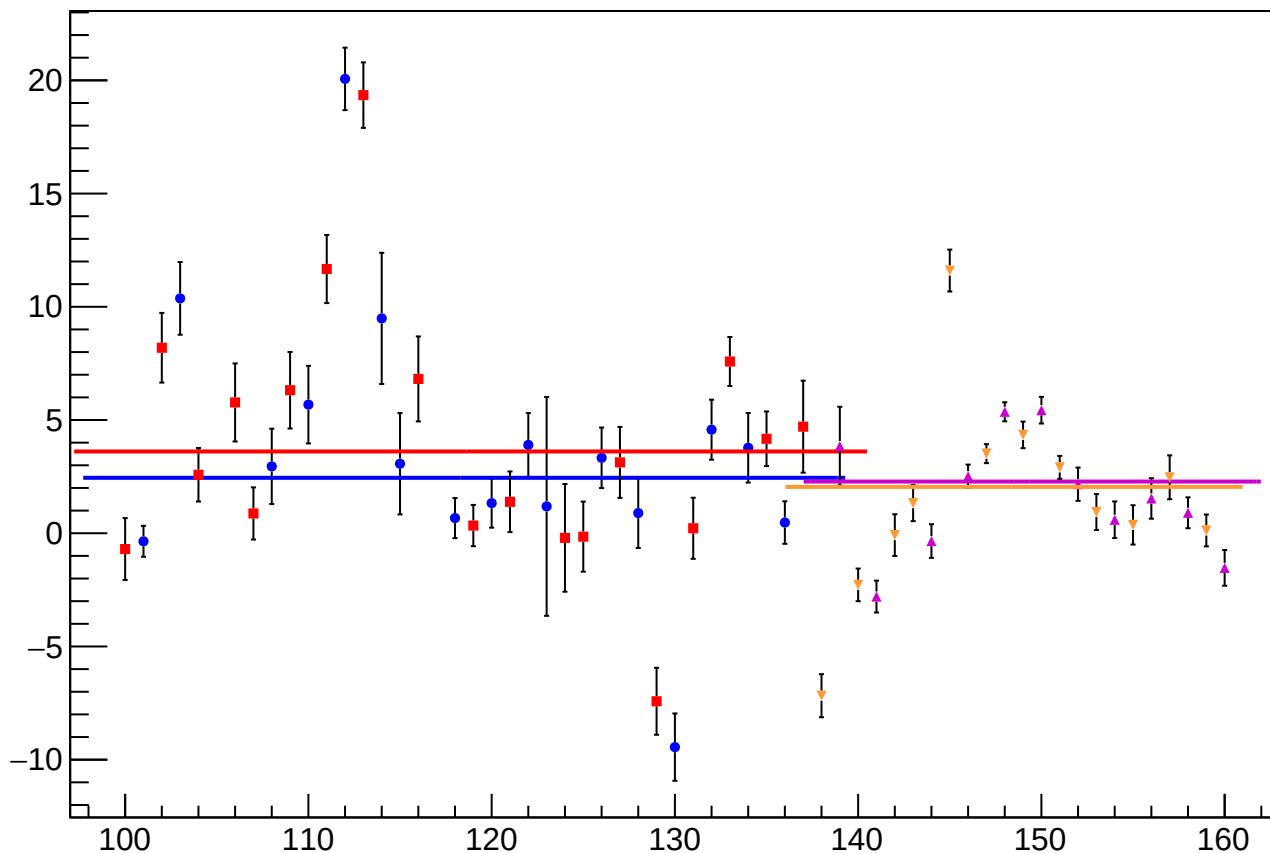
Left In: -36.748+/-0.301 χ^2/NDF : 168.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.906+/-0.213 χ^2/NDF : 763.0/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 2.046 ± 0.198 χ^2/NDF : 286.8/11

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

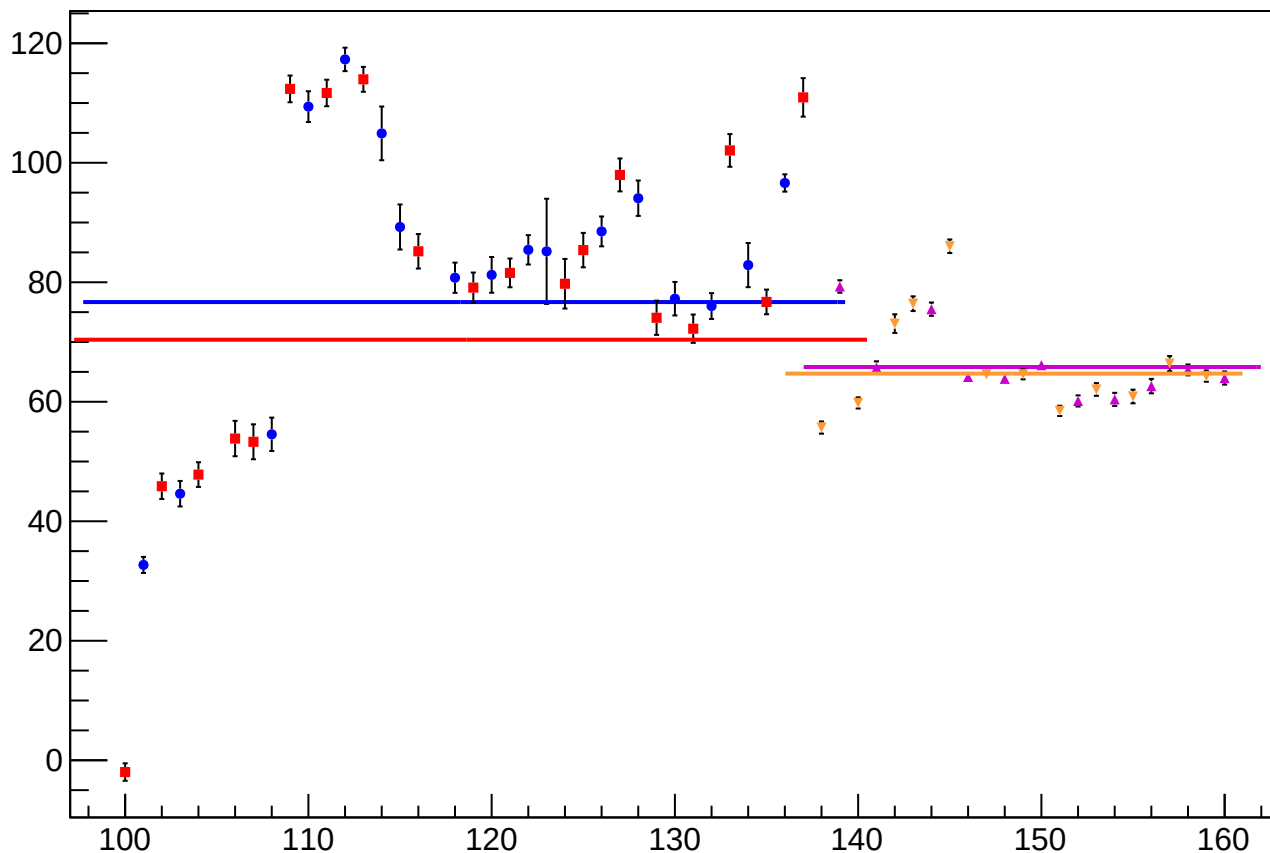
Left In: 2.282 ± 0.201 χ^2/NDF : 180.3/10

+ sign 2.162 ± 0.167 χ^2/NDF : 581.4/28

All: 2.407 ± 0.119 χ^2/NDF : 1057.9/58

- 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: 64.714 $\pm$ 0.295 χ^2/NDF : 646.7/11

Right Out: 70.386 $\pm$ 0.550 χ^2/NDF : 4391.1/18

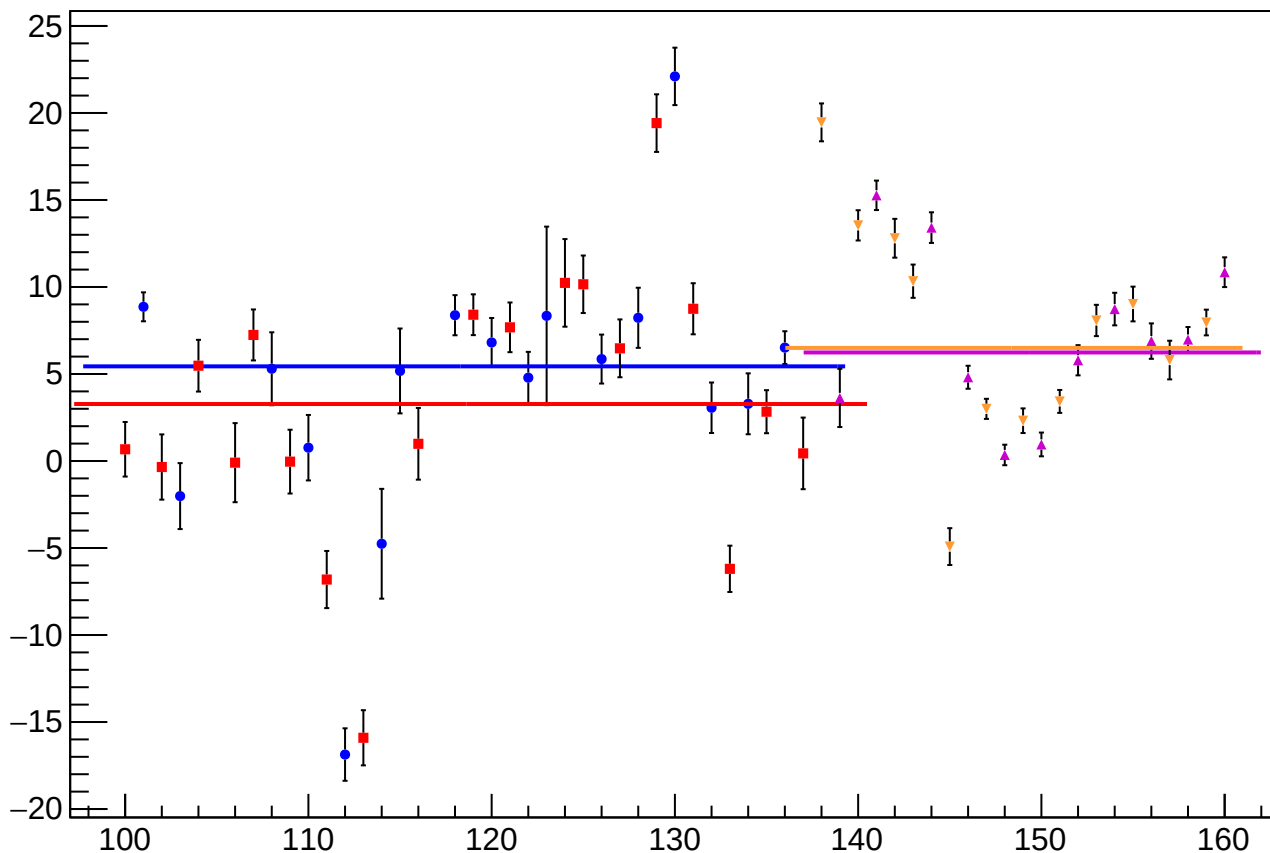
Left In: 65.816 $\pm$ 0.292 χ^2/NDF : 324.0/10

+ sign 67.217 $\pm$ 0.262 χ^2/NDF : 3256.4/28

All: 67.016 $\pm$ 0.184 χ^2/NDF : 8026.5/58

- 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 $\pm$ 0.357 χ^2/NDF : 385.9/16

Left Out: 6.498 $\pm$ 0.242 χ^2/NDF : 478.8/11

Right Out: 3.275 $\pm$ 0.365 χ^2/NDF : 425.8/18

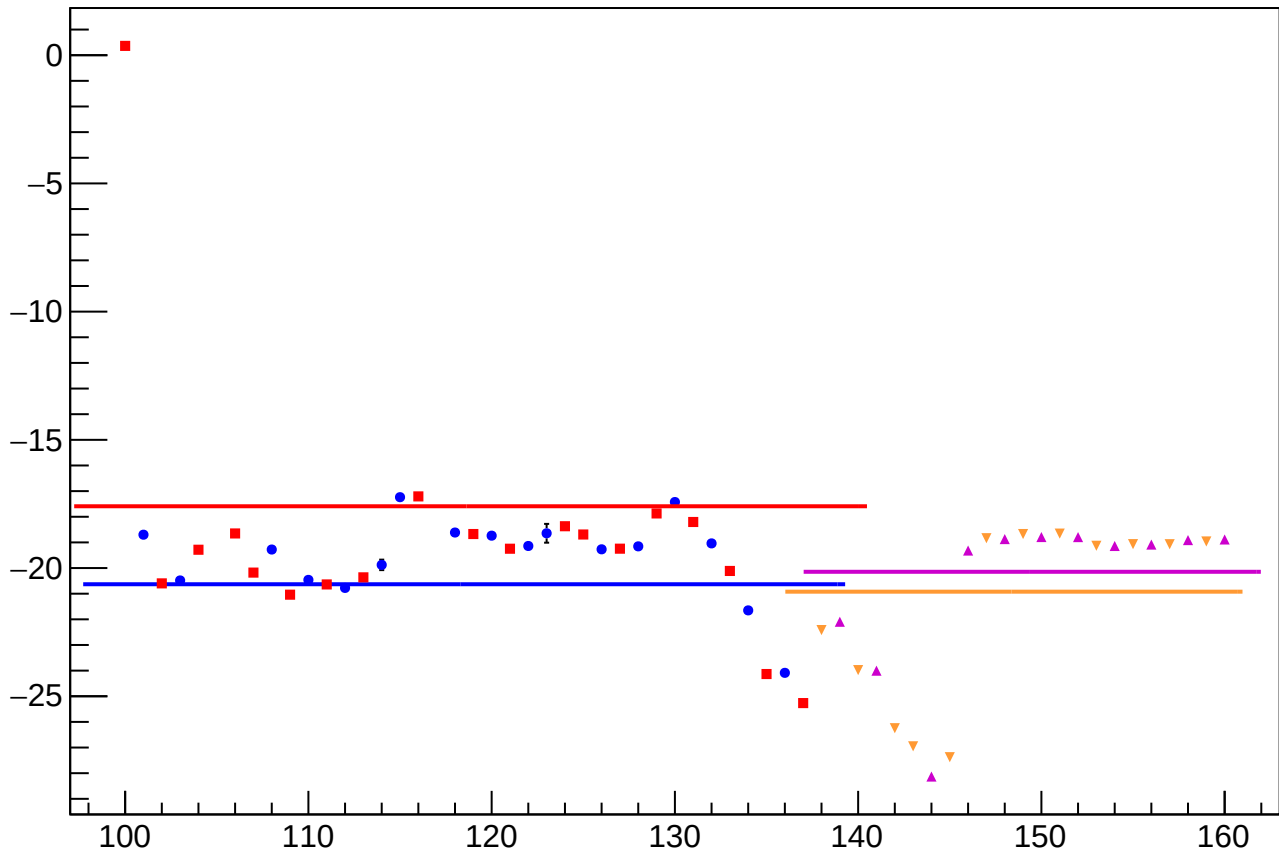
Left In: 6.237 $\pm$ 0.242 χ^2/NDF : 385.0/10

+ sign 6.166 $\pm$ 0.200 χ^2/NDF : 870.8/28

All: 5.754 $\pm$ 0.142 χ^2/NDF : 1735.9/58

- sign 5.334 $\pm$ 0.202 χ^2/NDF : 856.5/29

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -20.921 ± 0.012 $\chi^2/\text{NDF}: 69484.0/11$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

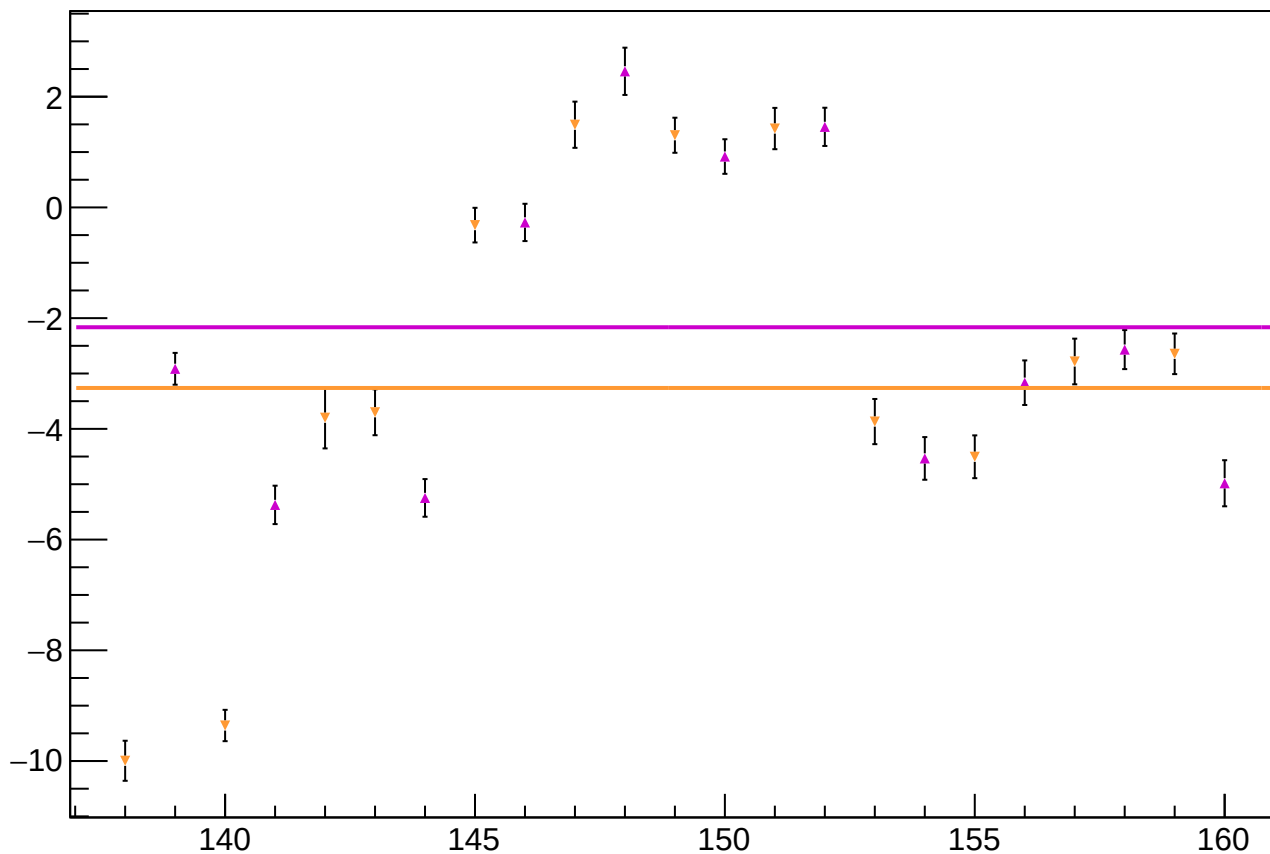
Left In: -20.146 ± 0.011 $\chi^2/\text{NDF}: 46248.9/10$

+ sign -20.843 ± 0.010 $\chi^2/\text{NDF}: 82179.3/28$

All: -20.098 ± 0.007 $\chi^2/\text{NDF}: 331986.0/58$

- sign -19.407 ± 0.010 $\chi^2/\text{NDF}: 239231.4/29$

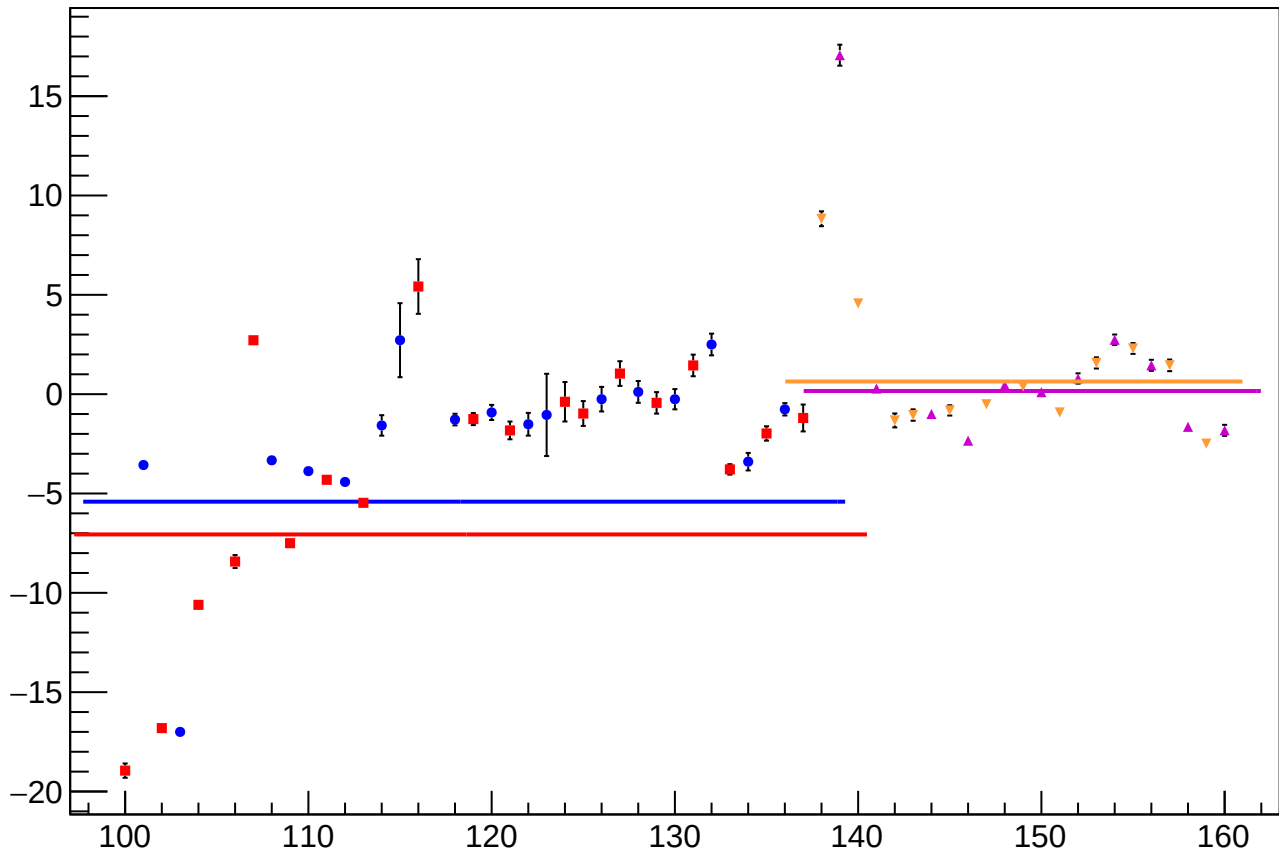
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.261+/-0.106 χ^2/NDF : 1413.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.165+/-0.106 χ^2/NDF : 621.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.712+/-0.075 χ^2/NDF : 2088.4/22
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411 ± 0.055 χ^2/NDF : 9261.2/16

Left Out: 0.637 ± 0.074 χ^2/NDF : 1147.8/11

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

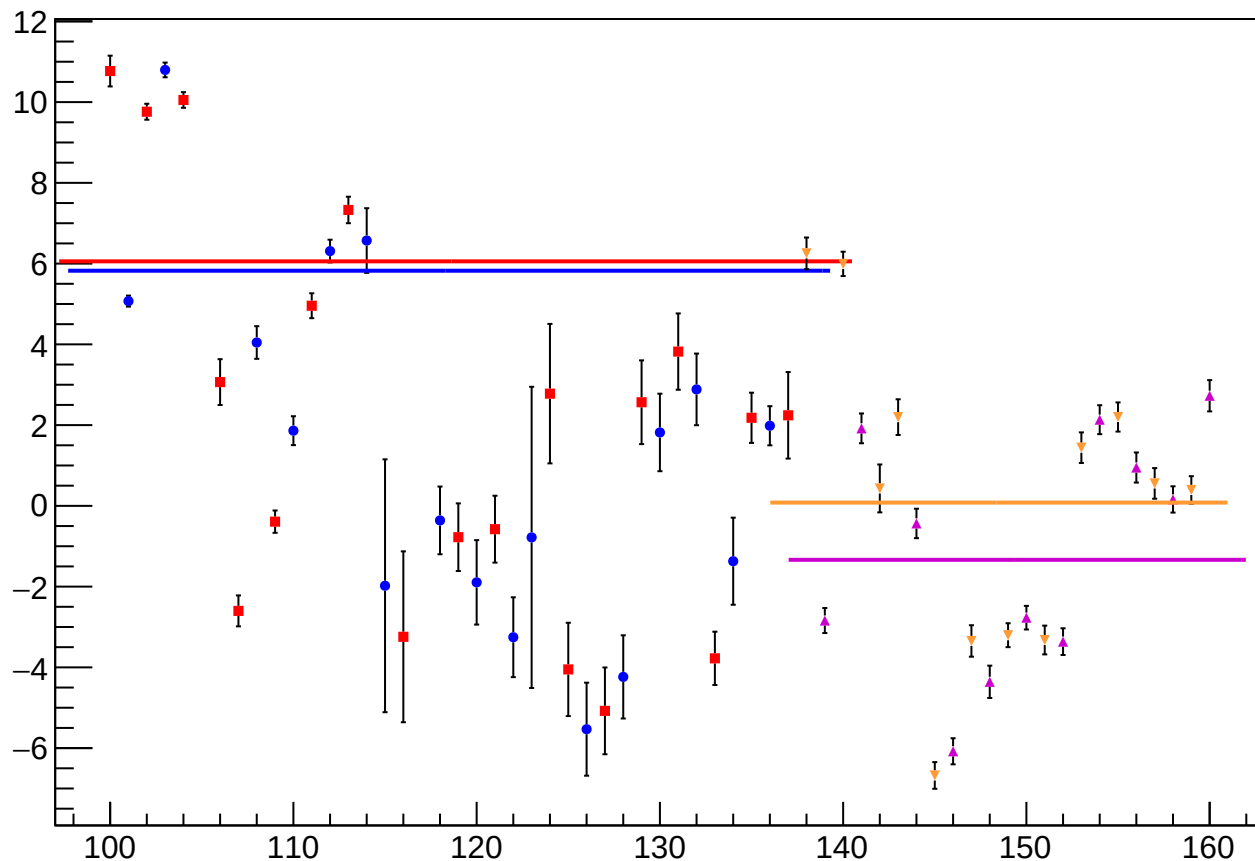
Left In: 0.159 ± 0.076 χ^2/NDF : 1412.0/10

+ sign -3.273 ± 0.044 χ^2/NDF : 14725.0/28

All: -3.769 ± 0.032 χ^2/NDF : 34404.4/58

- sign -4.323 ± 0.047 χ^2/NDF : 19410.6/29

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 ± 0.090 $\chi^2/\text{NDF}: 1452.6/16$

Left Out: 0.081 ± 0.105 $\chi^2/\text{NDF}: 1414.8/11$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

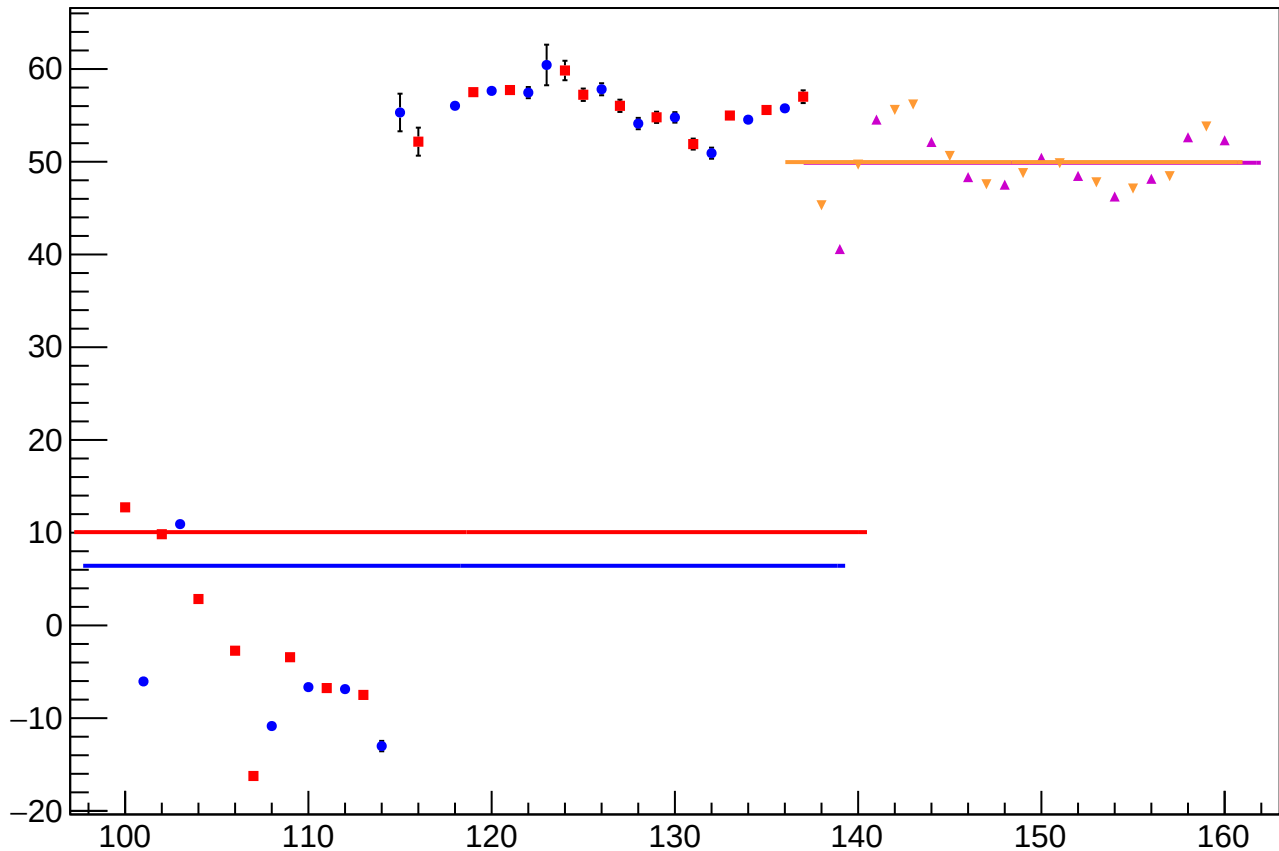
Left In: -1.336 ± 0.104 $\chi^2/\text{NDF}: 704.5/10$

+ sign 3.405 ± 0.068 $\chi^2/\text{NDF}: 4598.4/28$

All: 3.081 ± 0.049 $\chi^2/\text{NDF}: 10827.2/58$

- sign 2.747 ± 0.069 $\chi^2/\text{NDF}: 6183.0/29$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 49.963 ± 0.088 χ^2/NDF : 1086.0/11

Right Out: 10.060 ± 0.070 χ^2/NDF : 121816.0/18

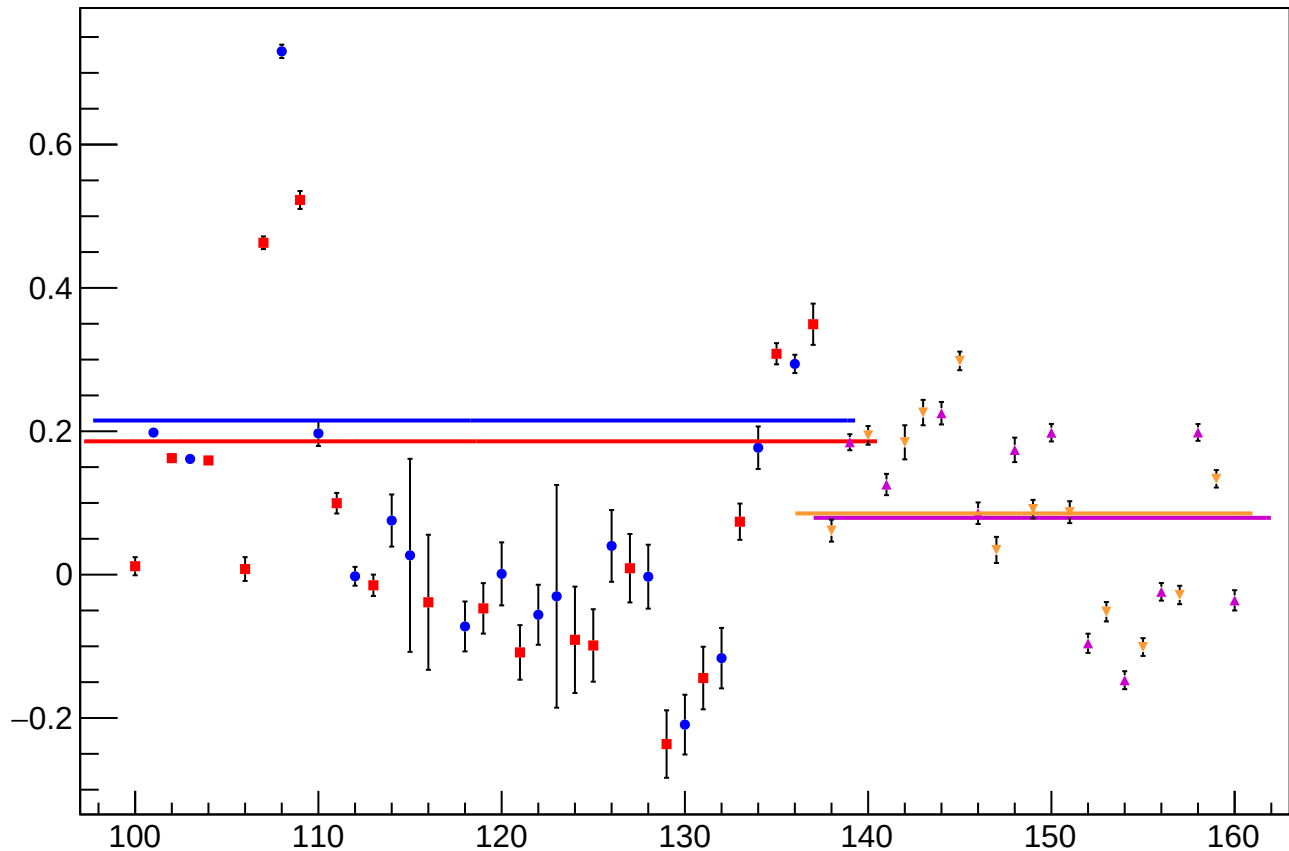
Left In: 49.890 ± 0.089 χ^2/NDF : 1114.6/10

+ sign 21.656 ± 0.052 χ^2/NDF : 282891.8/28

All: 23.389 ± 0.038 χ^2/NDF : 532939.2/58

- 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 $\pm$ 0.003 χ^2 /NDF: 3930.1/16

Left Out: 0.085 $\pm$ 0.004 χ^2 /NDF:852.6/11

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

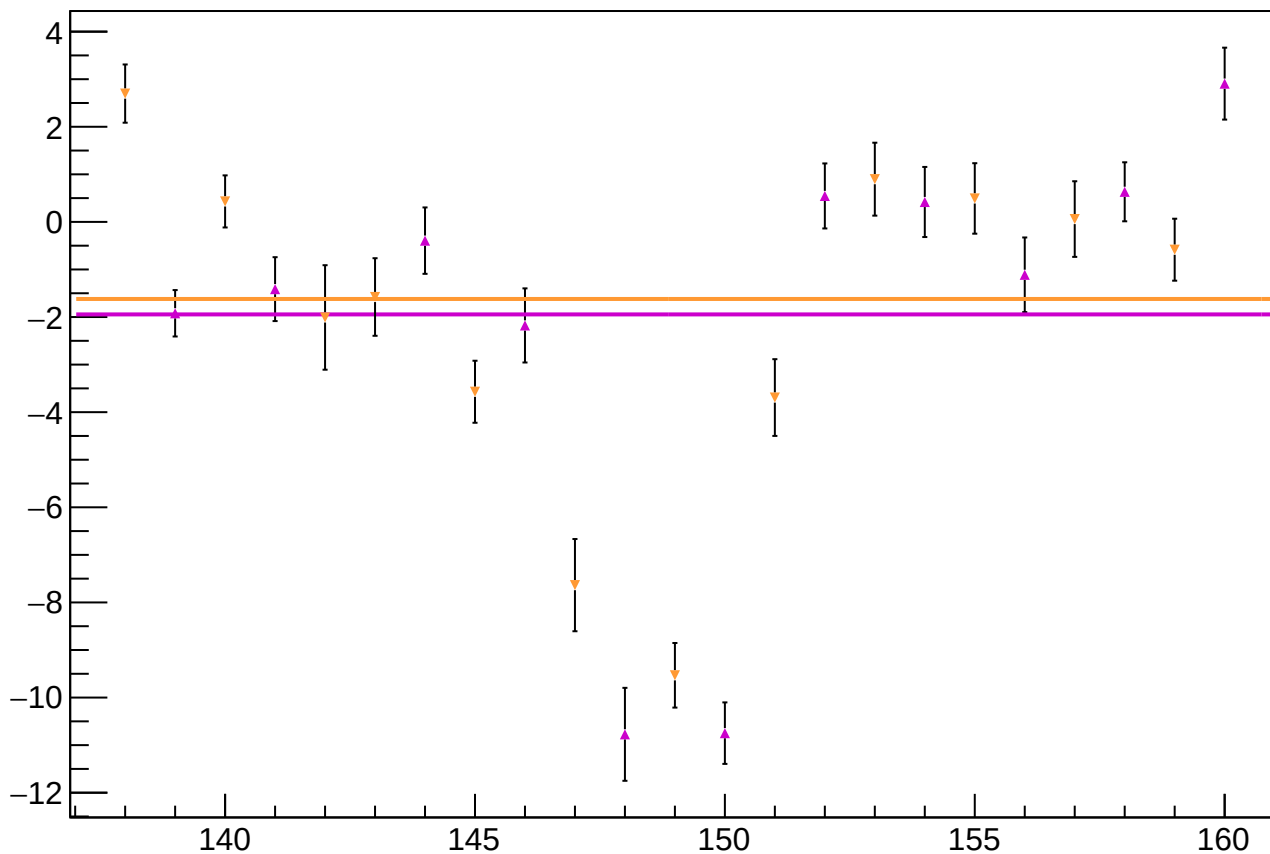
Left In: 0.079 $\pm$ 0.004 χ^2 /NDF:1048.7/10

+ sign 0.175 $\pm$ 0.002 χ^2 /NDF: 5466.7/28

All: 0.163 $\pm$ 0.002 χ^2 /NDF: 9769.9/58

- sign 0.153 $\pm$ 0.002 χ^2 /NDF: 4257.5/29

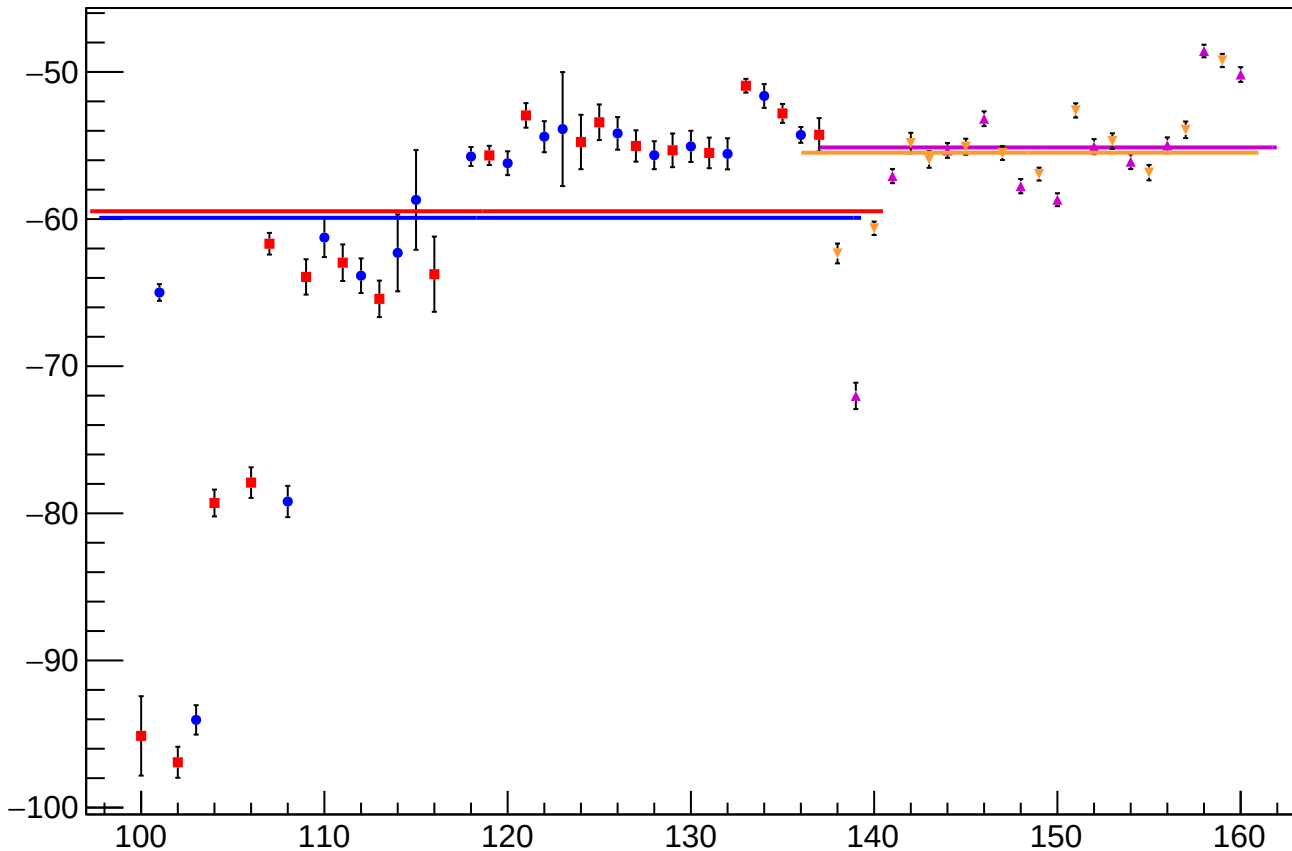
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.620+/-0.209 χ^2/NDF : 279.7/11
 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: -1.785+/-0.147 χ^2/NDF : 636.7/22
 - 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: -55.489 ± 0.149 χ^2/NDF : 488.5/11

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

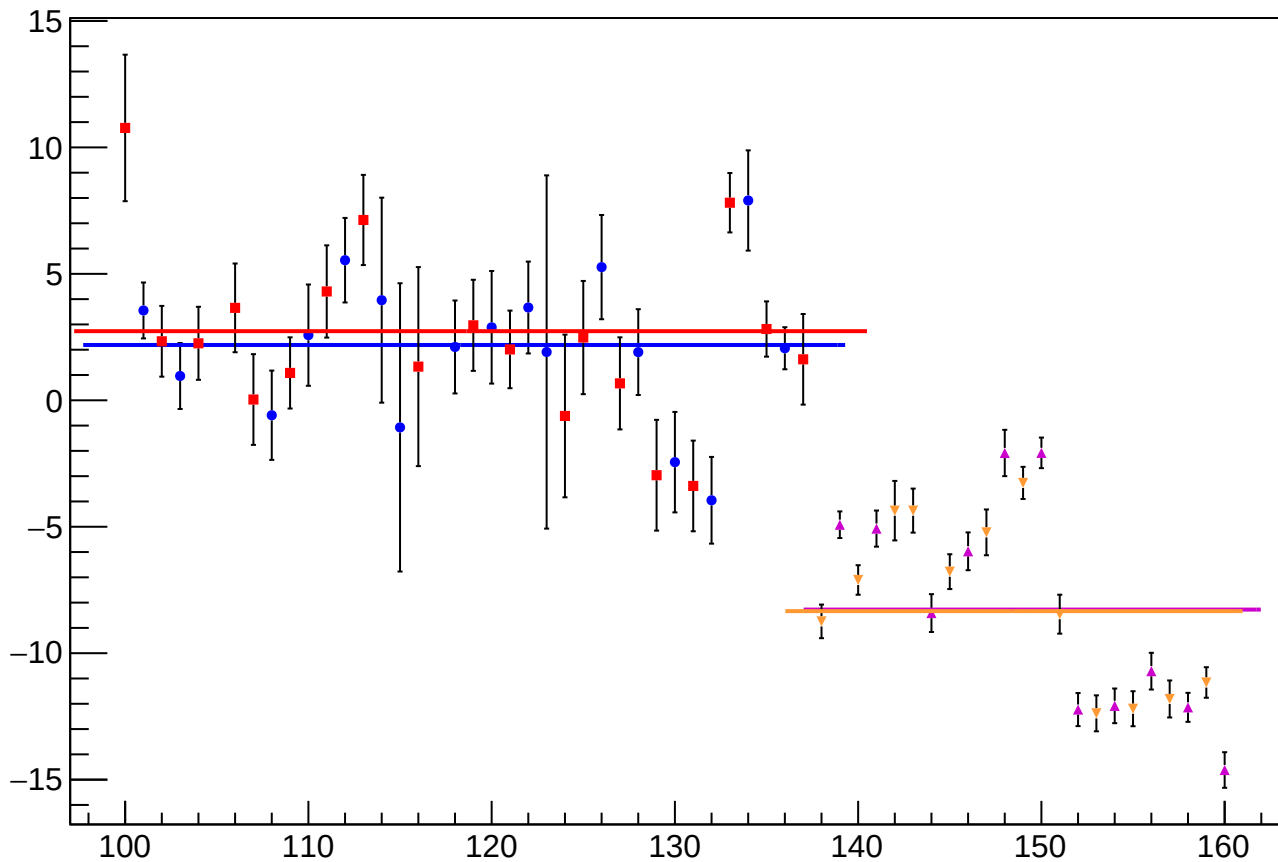
Left In: -55.131 ± 0.152 χ^2/NDF : 815.7/10

+ sign -56.861 ± 0.124 χ^2/NDF : 2739.7/28

All: -56.731 ± 0.088 χ^2/NDF : 6746.6/58

- 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 χ^2/NDF : 39.1/16

Left Out: -8.337 ± 0.207 χ^2/NDF : 225.6/11

Right Out: 2.733 ± 0.388 χ^2/NDF : 58.9/18

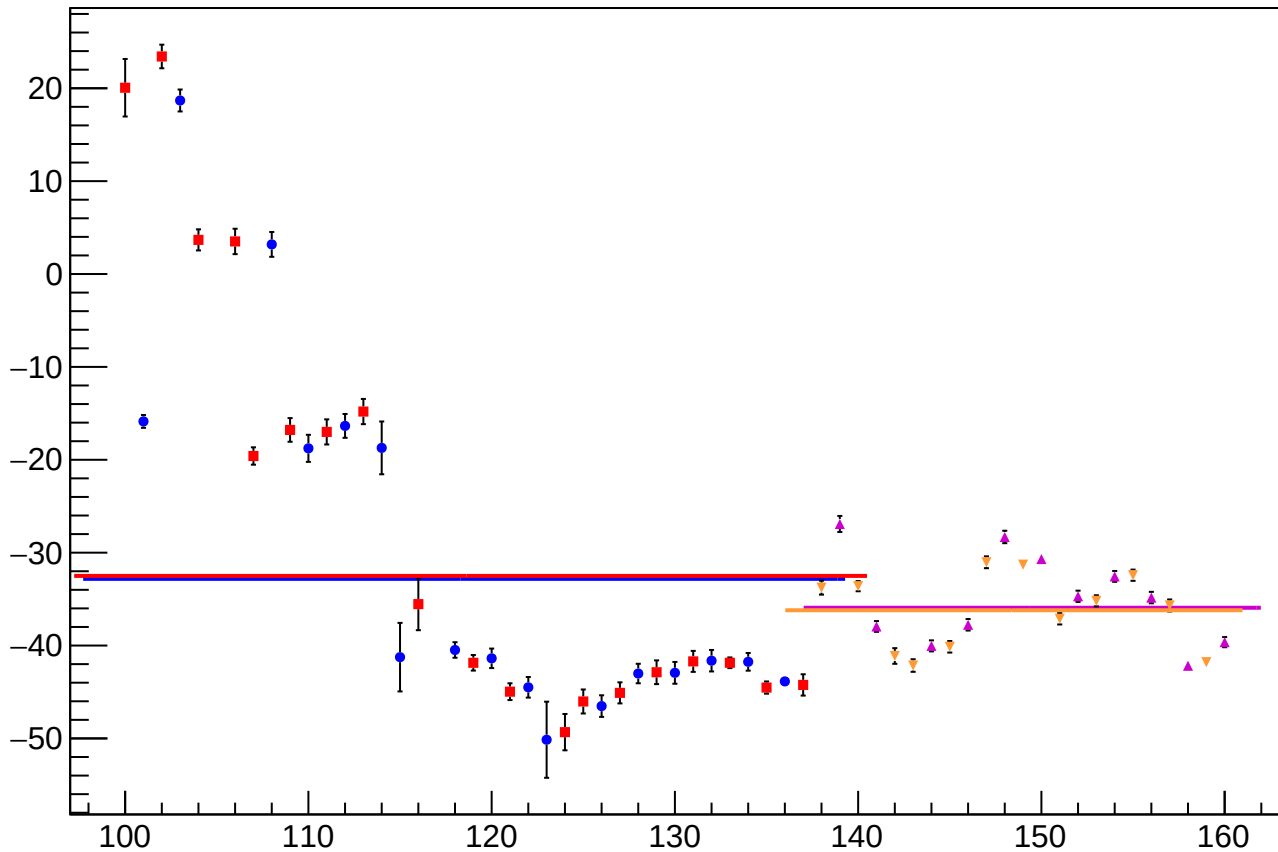
Left In: -8.275 ± 0.202 χ^2/NDF : 426.5/10

+ sign -6.155 ± 0.184 χ^2/NDF : 802.4/28

All: -6.036 ± 0.128 χ^2/NDF : 1922.8/58

- sign -5.924 ± 0.179 χ^2/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: -36.200 ± 0.176 $\chi^2/\text{NDF}: 520.4/11$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

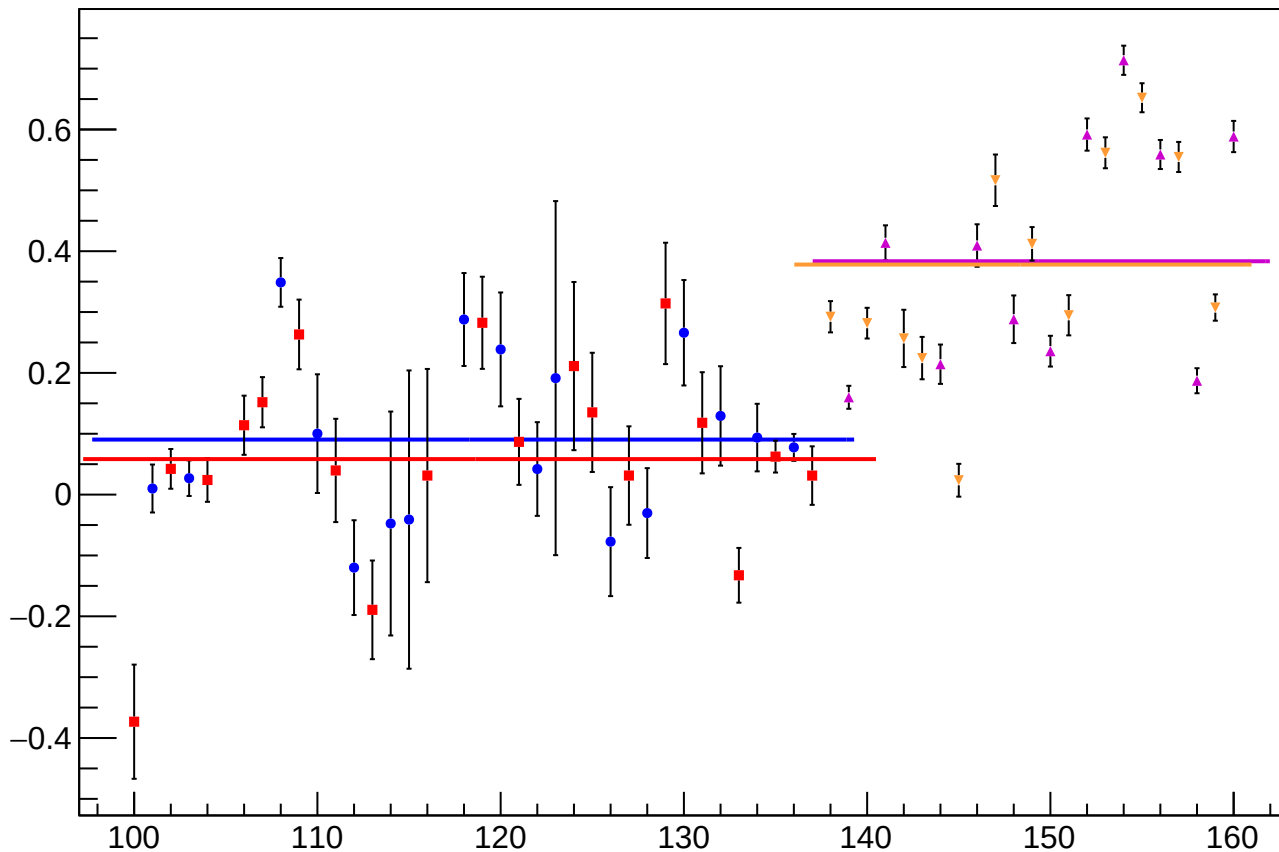
Left In: -35.930 ± 0.176 $\chi^2/\text{NDF}: 691.5/10$

+ sign -35.103 ± 0.145 $\chi^2/\text{NDF}: 5306.9/28$

All: -34.929 ± 0.102 $\chi^2/\text{NDF}: 12169.2/58$

- 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 $\pm$ 0.013 χ^2 /NDF: 79.2/16

Left Out: 0.378 $\pm$ 0.008 χ^2 /NDF: 489.4/11

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.3/18

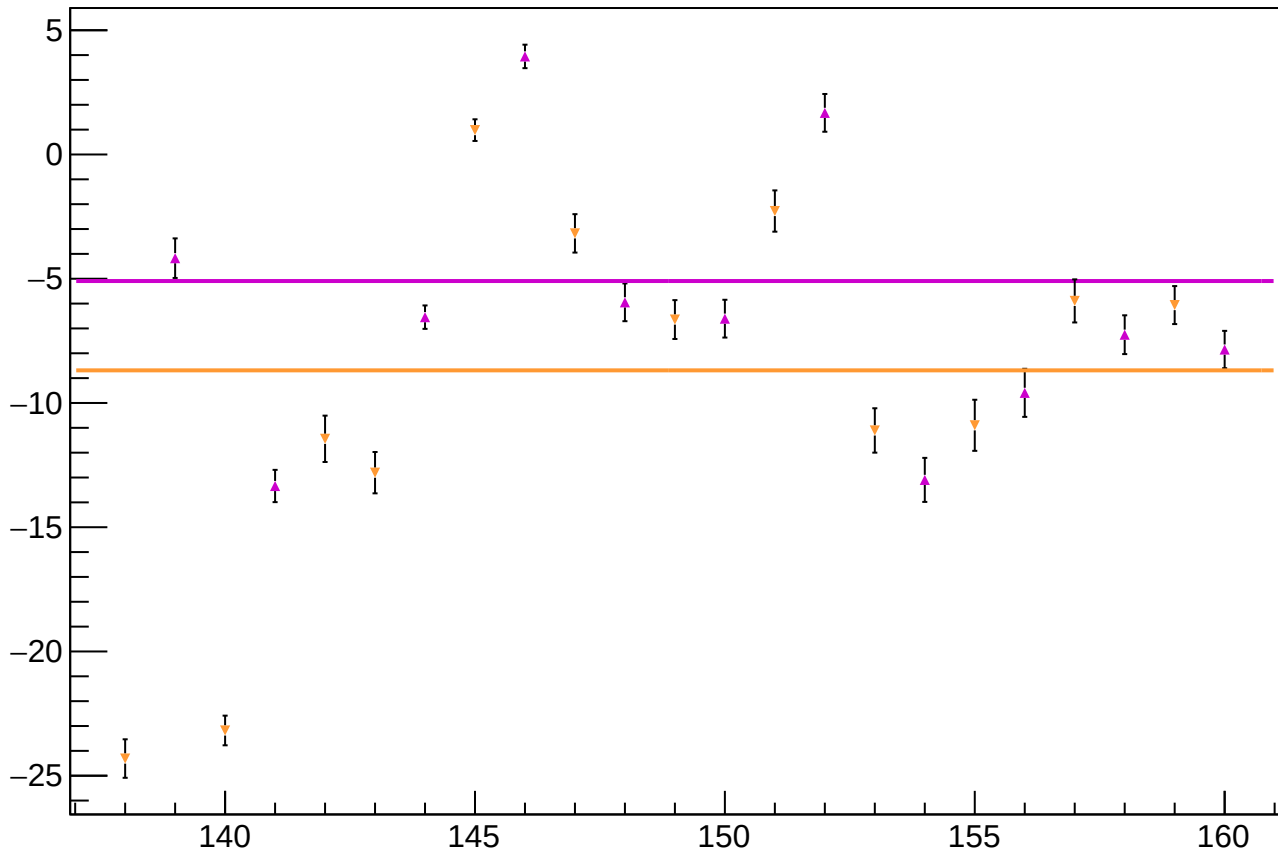
Left In: 0.383 $\pm$ 0.008 χ^2 /NDF: 669.6/10

+ sign 0.296 $\pm$ 0.007 χ^2 /NDF: 935.0/28

All: 0.293 $\pm$ 0.005 χ^2 /NDF: 2203.2/58

- sign 0.290 $\pm$ 0.007 χ^2 /NDF: 1267.7/29

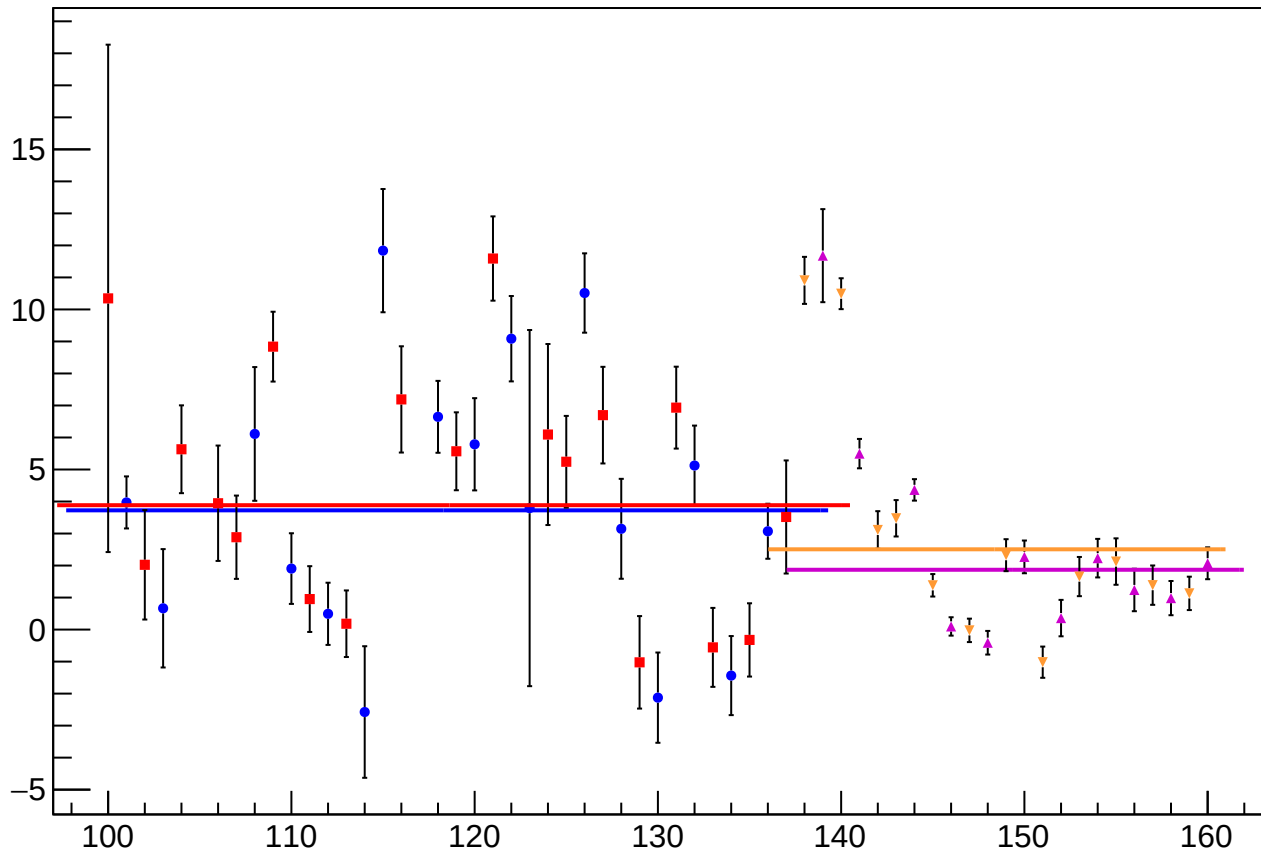
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.687 $\pm$ 0.212 χ^2 /NDF:1672.8/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.093 $\pm$ 0.205 χ^2 /NDF:747.1/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.830 $\pm$ 0.147 χ^2 /NDF: 2569.0/22
 - sign 0.000 $\pm$ 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: 2.507 ± 0.146 χ^2/NDF : 531.7/11

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

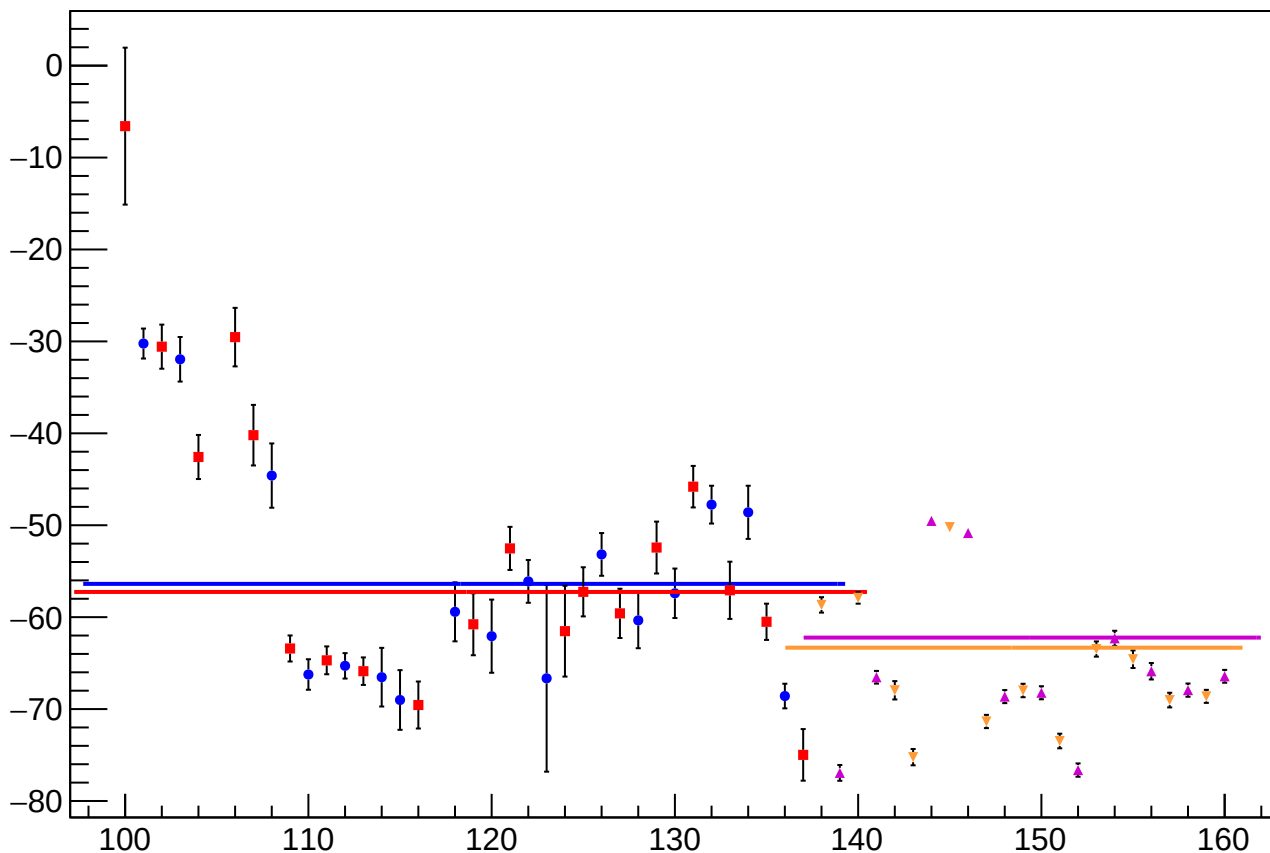
Left In: 1.868 ± 0.137 χ^2/NDF : 251.5/10

+ sign 2.730 ± 0.132 χ^2/NDF : 681.1/28

All: 2.446 ± 0.091 χ^2/NDF : 1110.0/58

- 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: -63.321 ± 0.212 χ^2/NDF : 1540.4/11

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

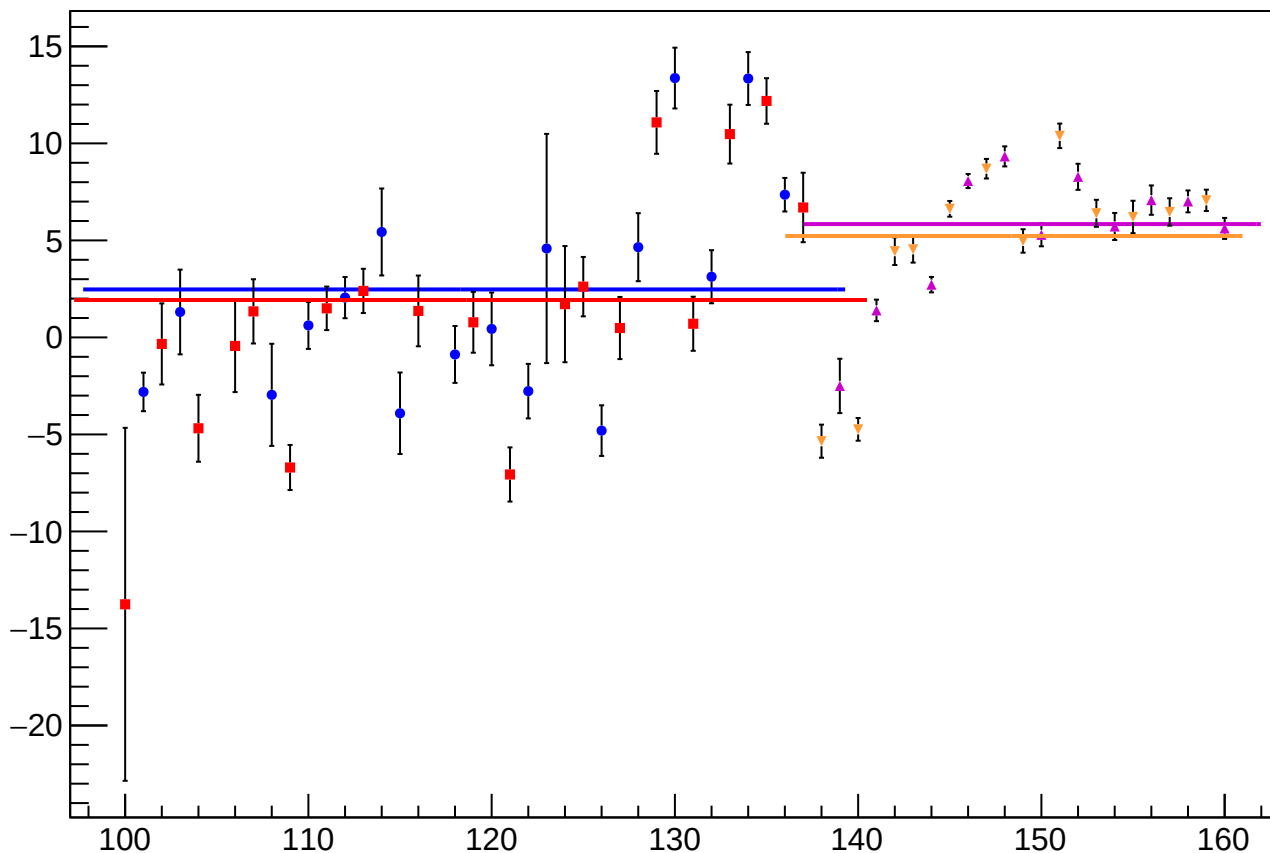
Left In: -62.224 ± 0.201 χ^2/NDF : 2254.0/10

+ sign -62.401 ± 0.197 χ^2/NDF : 2270.1/28

All: -61.987 ± 0.136 χ^2/NDF : 5083.8/58

- 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: 5.227 ± 0.175 χ^2/NDF : 591.6/11

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

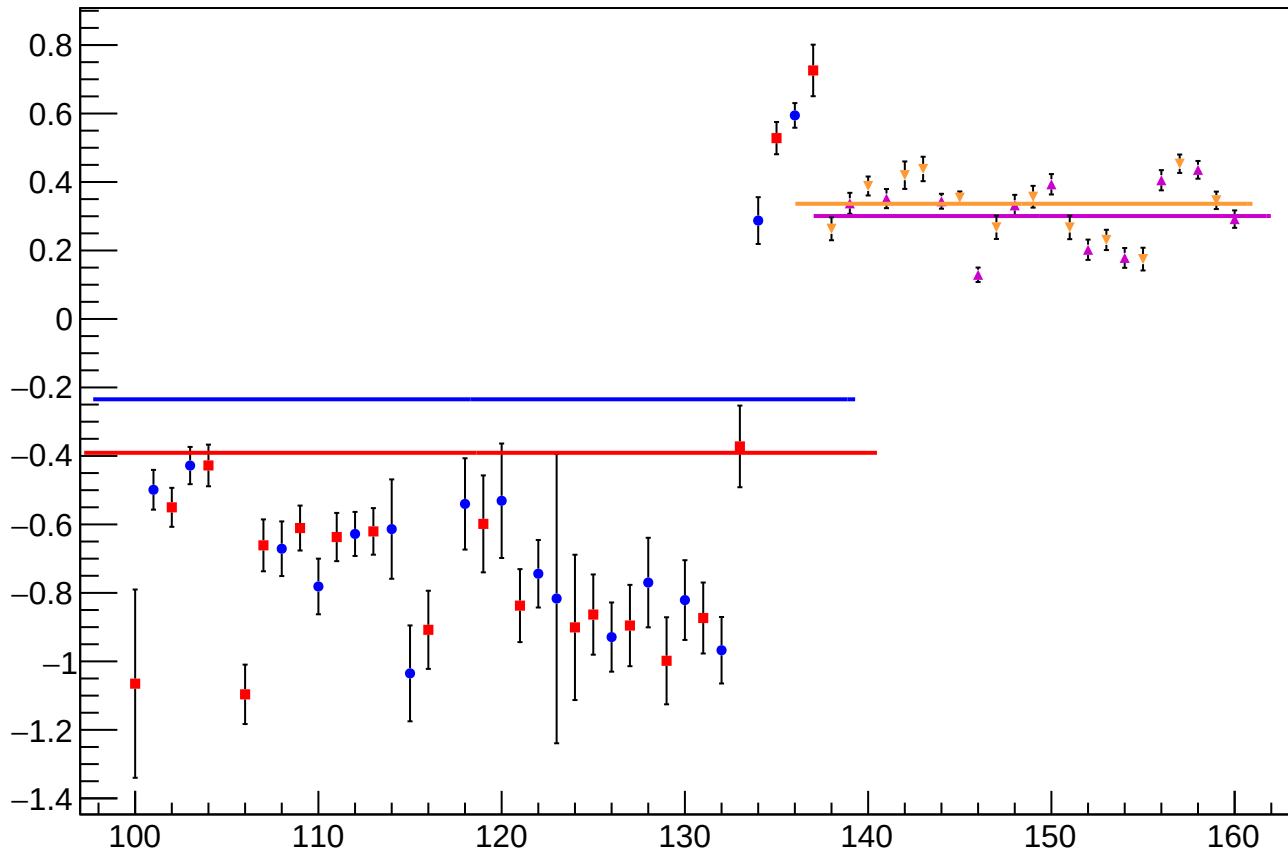
Left In: 5.840 ± 0.165 χ^2/NDF : 265.2/10

+ sign 4.662 ± 0.156 χ^2/NDF : 885.7/28

All: 4.914 ± 0.108 χ^2/NDF : 1522.5/58

- 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: 0.336 ± 0.008 χ^2/NDF : 85.7/11

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

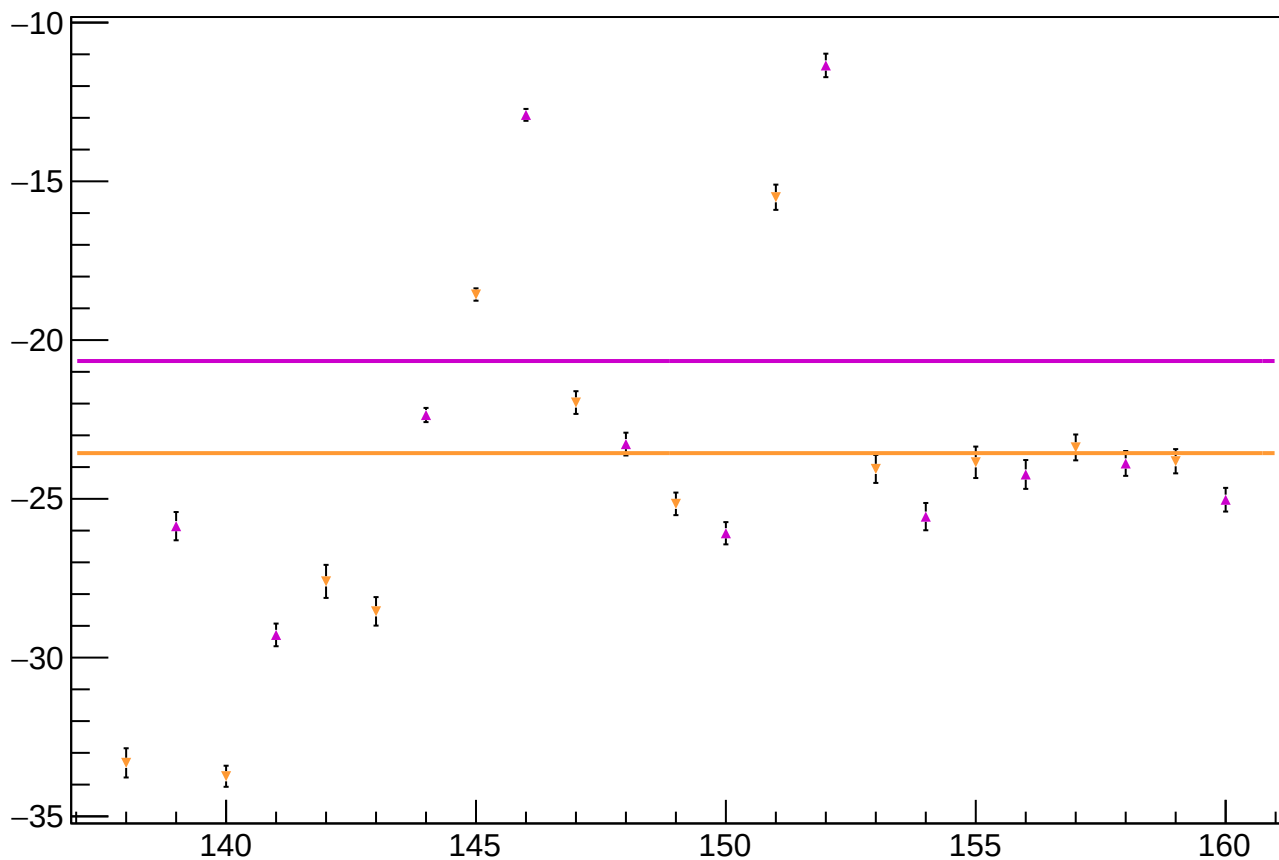
Left In: 0.301 ± 0.008 χ^2/NDF : 154.0/10

+ sign 0.243 ± 0.008 χ^2/NDF : 1809.4/28

All: 0.218 ± 0.005 χ^2/NDF : 3963.9/58

- 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: -23.560+/-0.104 χ^2/NDF : 2683.5/11

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

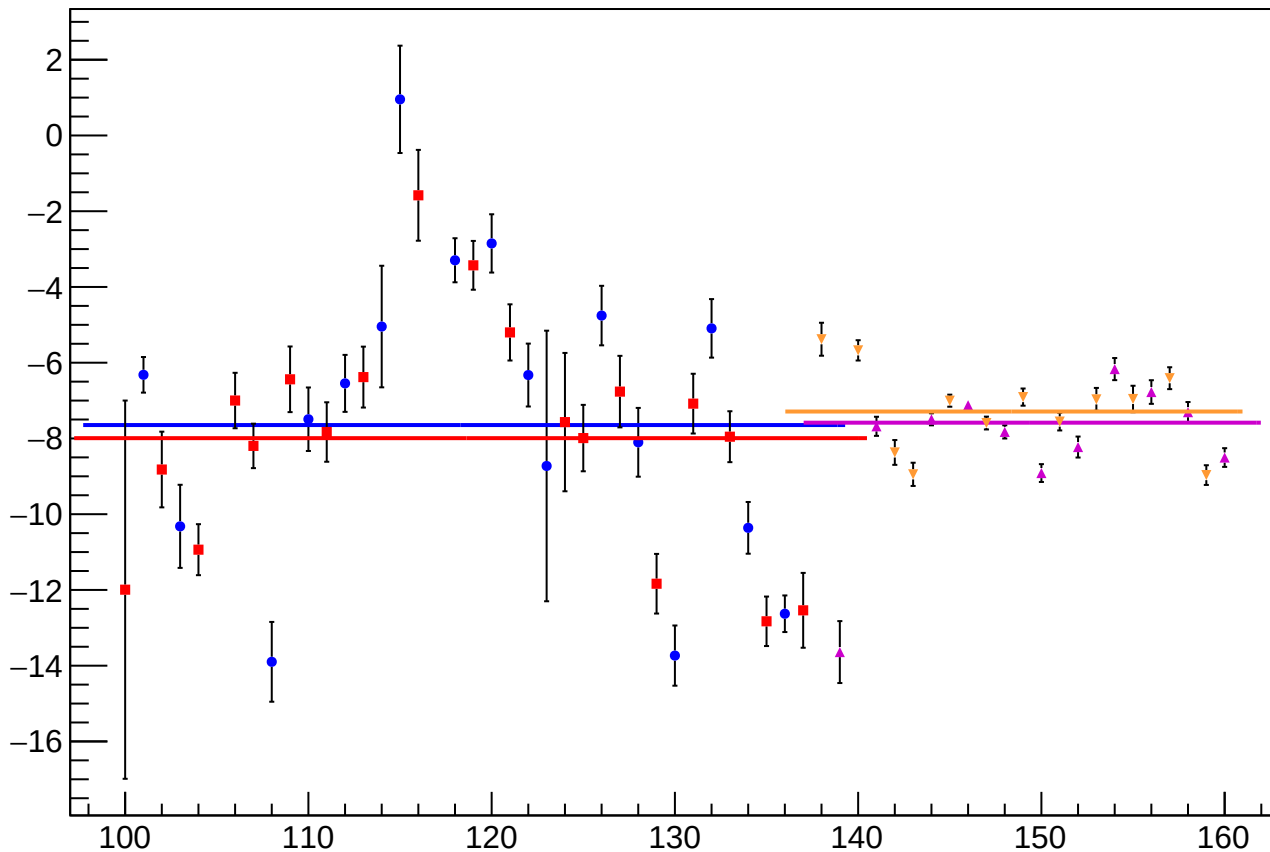
Left In: -20.659+/-0.096 χ^2/NDF : 3812.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.997+/-0.070 χ^2/NDF : 6917.8/22

- 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: -7.289 ± 0.071 χ^2/NDF : 159.2/11

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

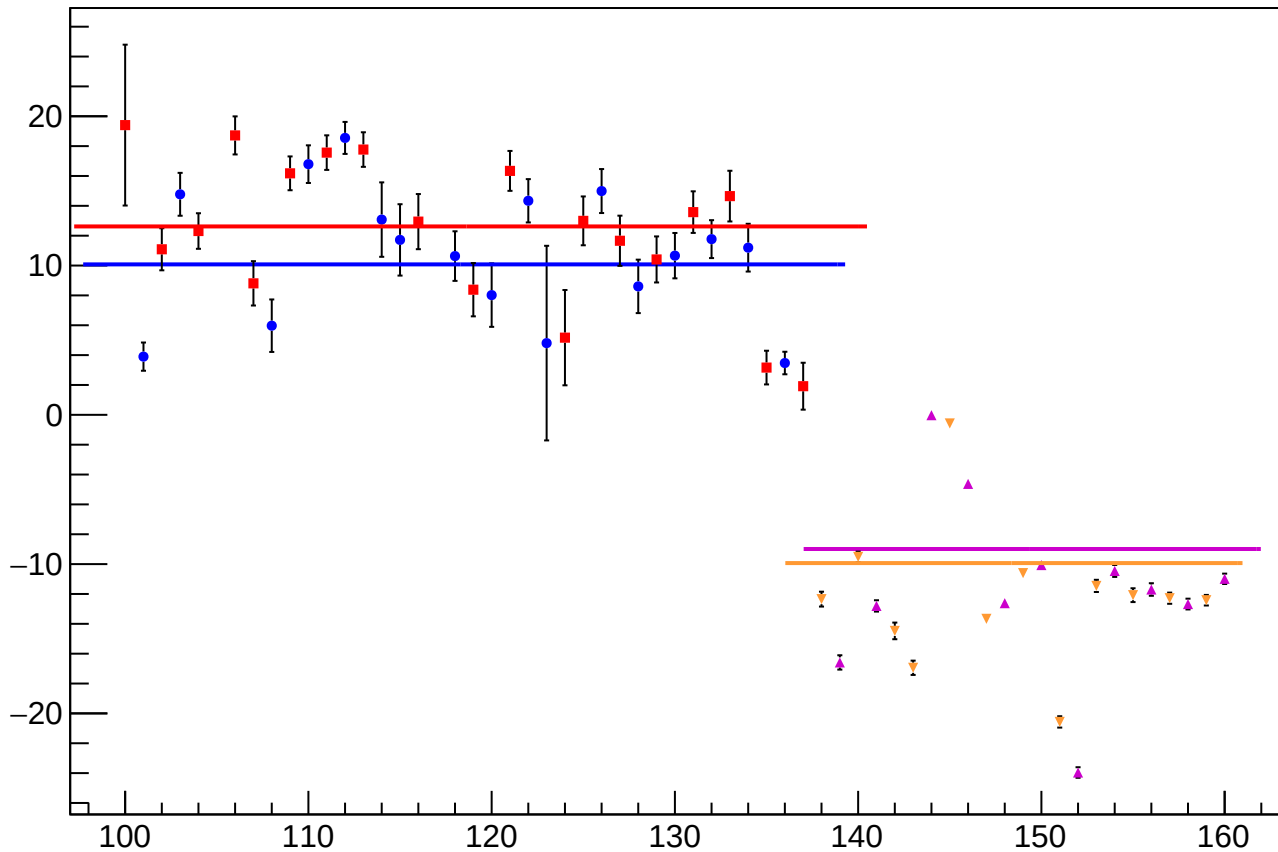
Left In: -7.584 ± 0.064 χ^2/NDF : 155.3/10

+ sign -7.335 ± 0.067 χ^2/NDF : 556.0/28

All: -7.495 ± 0.045 χ^2/NDF : 951.6/58

- 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 $\chi^2/\text{NDF}: 252.8/16$

Left Out: -9.931 ± 0.103 $\chi^2/\text{NDF}: 3401.9/11$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

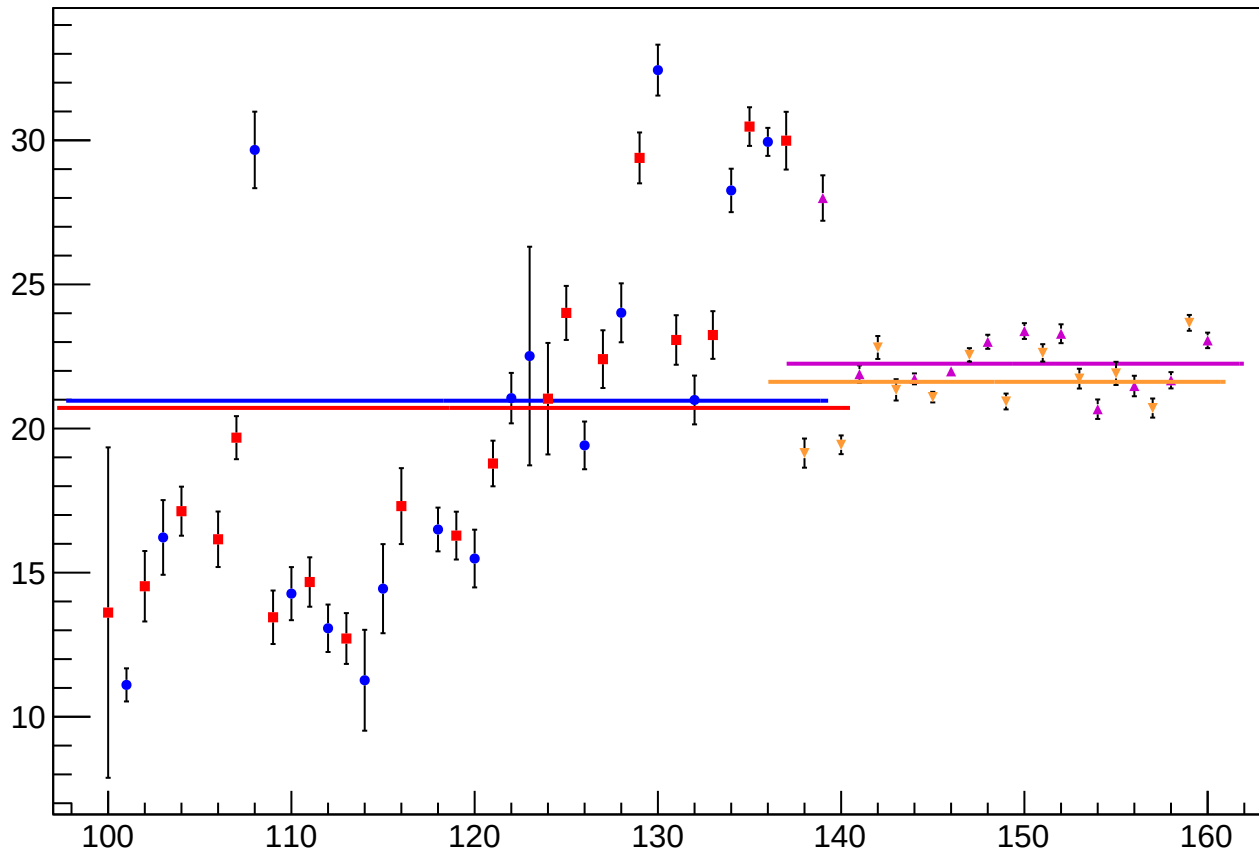
Left In: -8.987 ± 0.094 $\chi^2/\text{NDF}: 4446.1/10$

+ sign -8.213 ± 0.099 $\chi^2/\text{NDF}: 6881.2/28$

All: -7.766 ± 0.067 $\chi^2/\text{NDF}: 15497.6/58$

- sign -7.392 ± 0.090 $\chi^2/\text{NDF}: 8578.8/29$

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: 21.620 $\pm$ 0.086 χ^2 /NDF: 184.0/11

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

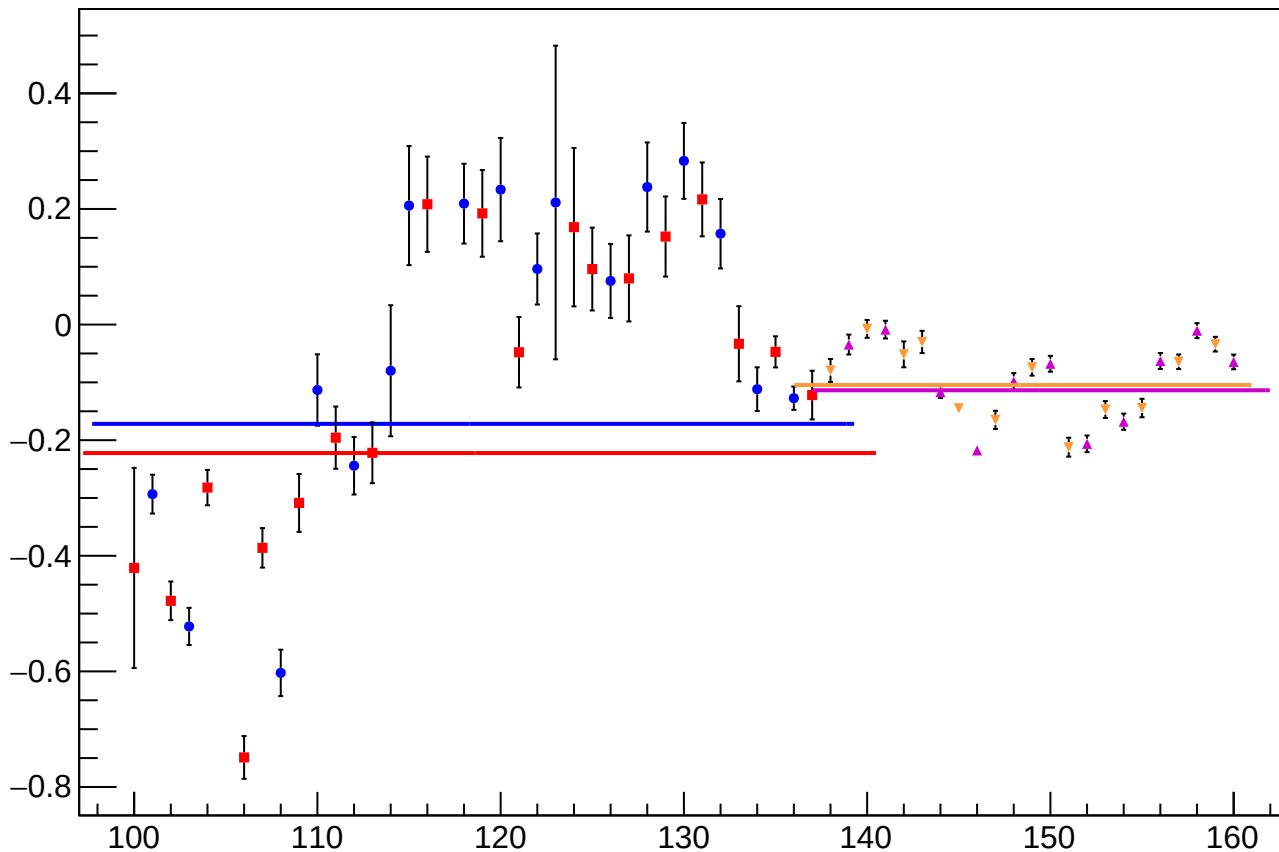
Left In: 22.249 $\pm$ 0.077 χ^2 /NDF: 142.2/10

+ sign 21.526 $\pm$ 0.079 χ^2 /NDF: 1417.8/28

All: 21.824 $\pm$ 0.053 χ^2 /NDF: 2361.8/58

- 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: -0.105 ± 0.004 χ^2/NDF : 204.5/11

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

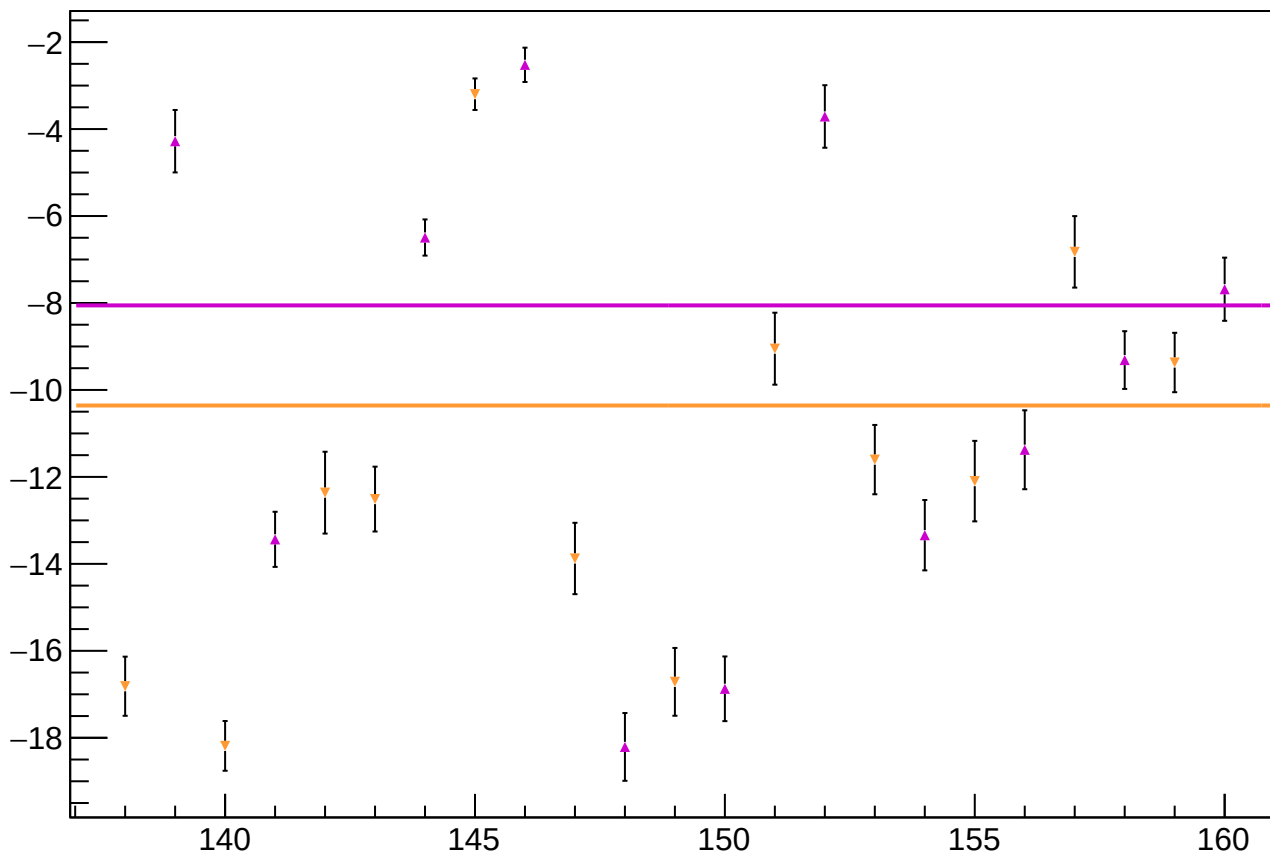
Left In: -0.114 ± 0.004 χ^2/NDF : 380.0/10

+ sign -0.112 ± 0.004 χ^2/NDF : 700.6/28

All: -0.119 ± 0.003 χ^2/NDF : 1710.6/58

- 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: -10.358+/-0.194 χ^2/NDF : 793.8/11

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

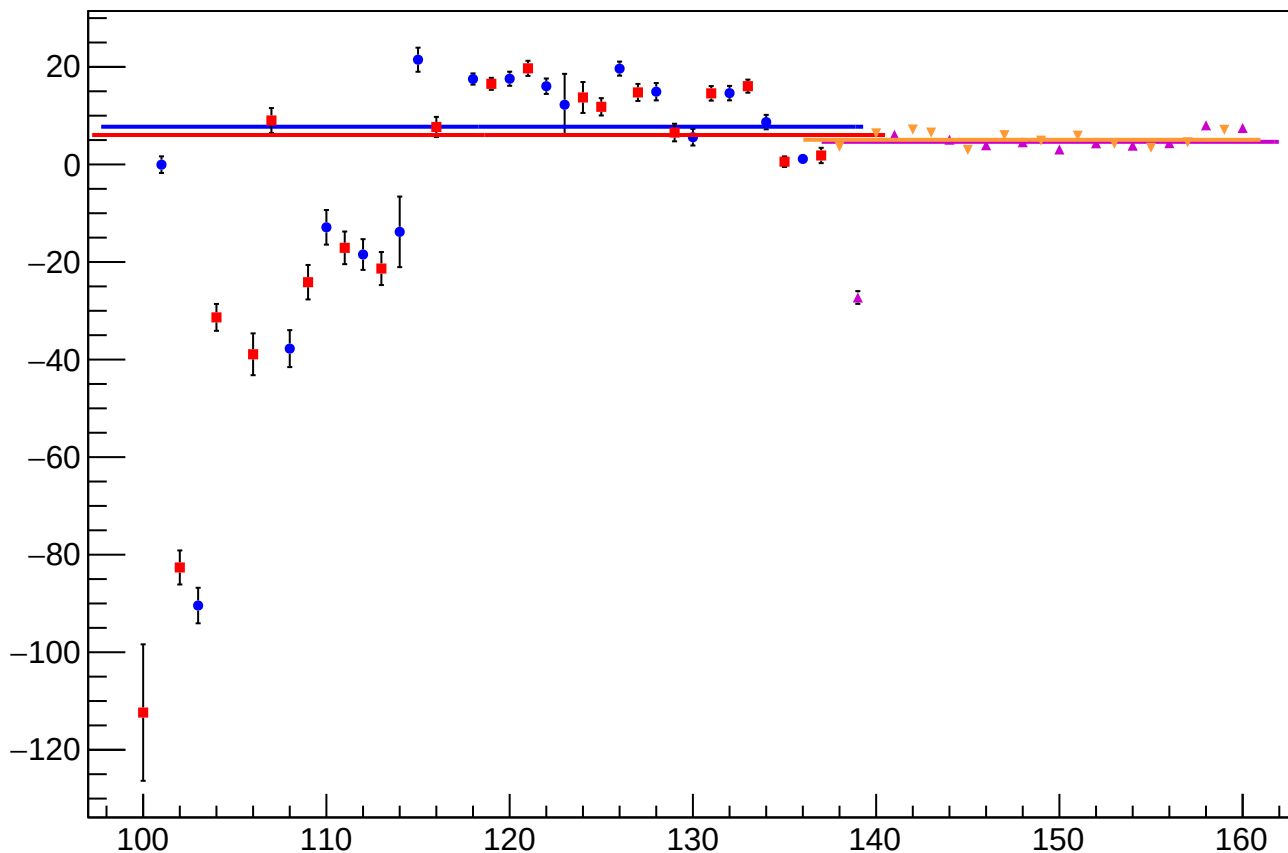
Left In: -8.056+/-0.186 χ^2/NDF : 717.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.160+/-0.134 χ^2/NDF : 1584.7/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 5.057 ± 0.136 χ^2/NDF : 122.7/11

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

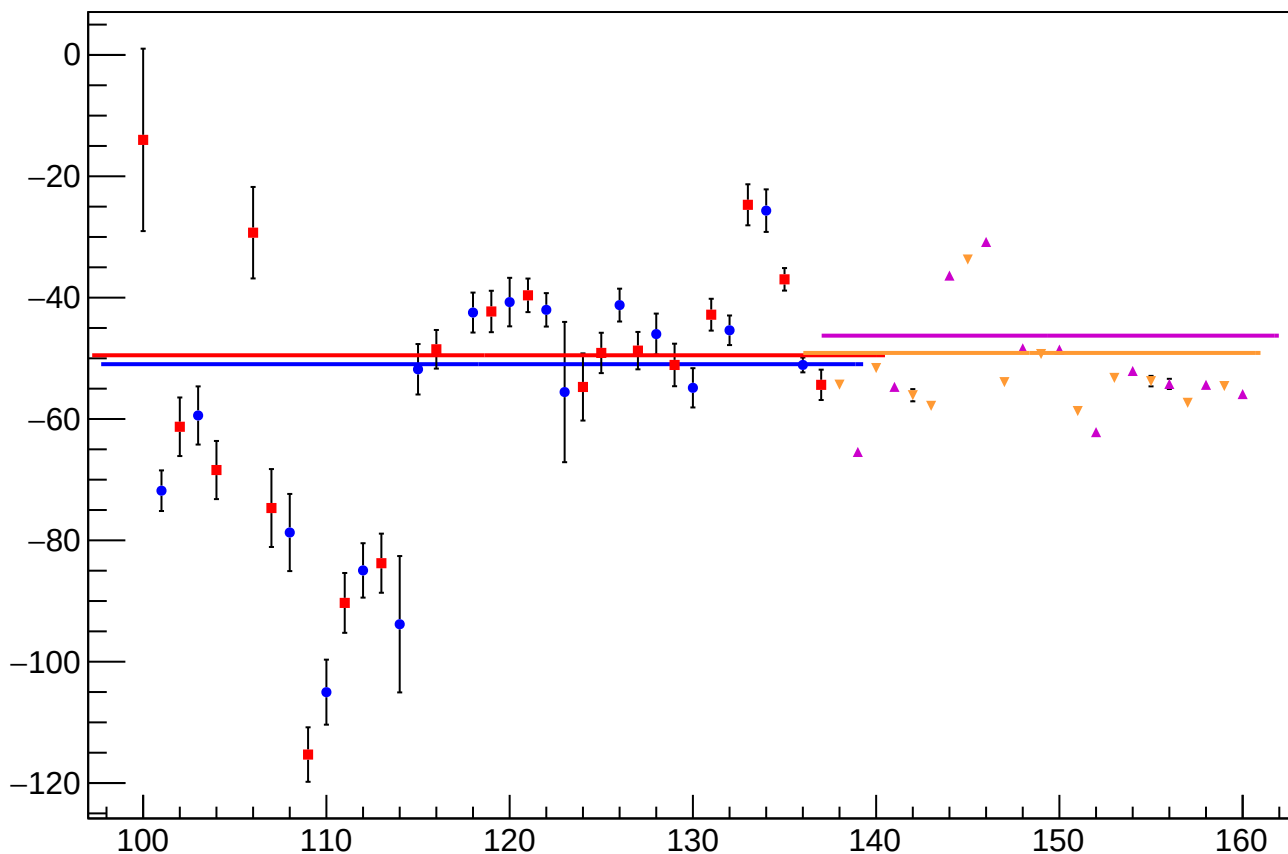
Left In: 4.639 ± 0.127 χ^2/NDF : 718.9/10

+ sign 5.332 ± 0.129 χ^2/NDF : 1520.8/28

All: 5.024 ± 0.089 χ^2/NDF : 3772.2/58

- sign 4.749 ± 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: -49.112 ± 0.195 χ^2/NDF : 2250.8/11

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

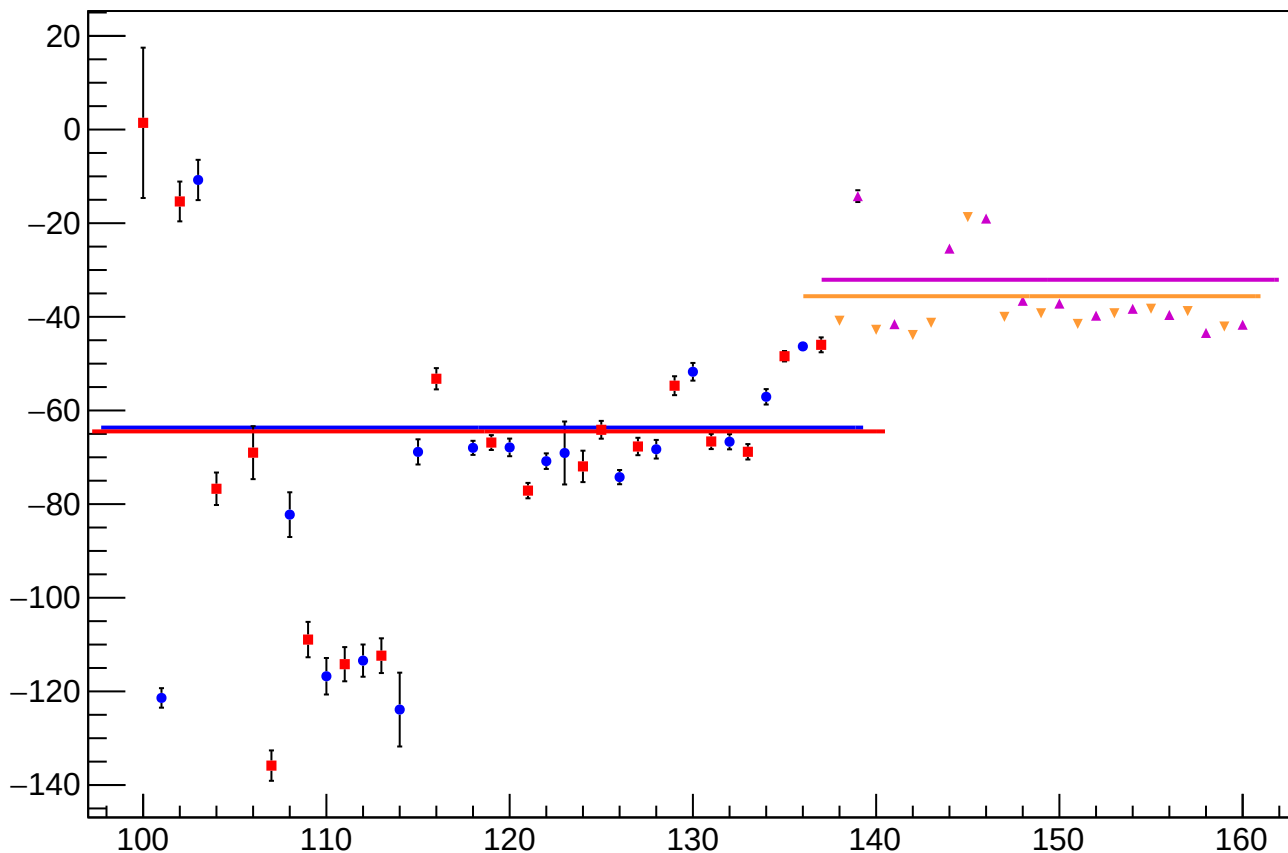
Left In: -46.264 ± 0.183 χ^2/NDF : 3992.1/10

+ sign -49.232 ± 0.188 χ^2/NDF : 2589.4/28

All: -47.751 ± 0.129 χ^2/NDF : 7224.6/58

- 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: -35.598 ± 0.162 χ^2/NDF : 3425.9/11

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

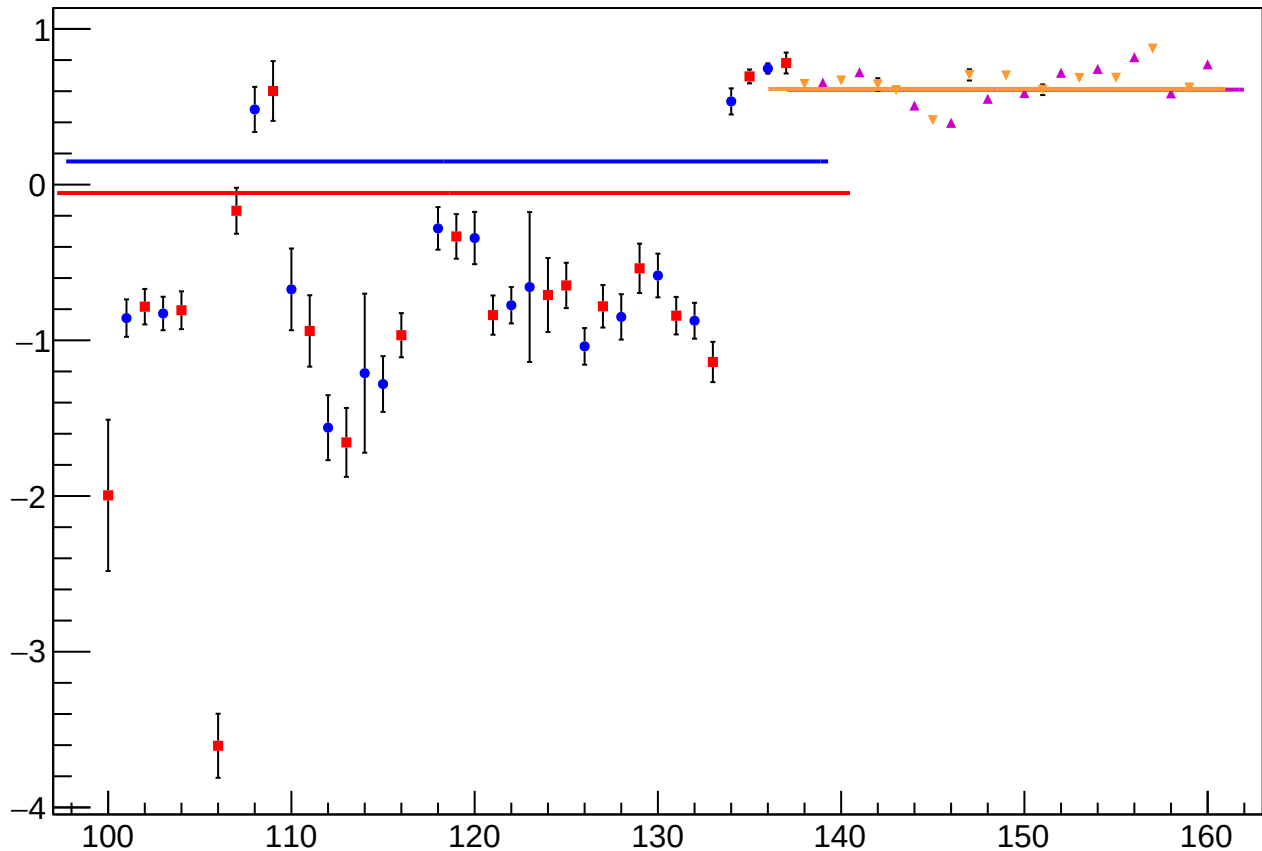
Left In: -32.081 ± 0.151 χ^2/NDF : 3988.7/10

+ sign -38.884 ± 0.152 χ^2/NDF : 8944.9/28

All: -36.828 ± 0.105 χ^2/NDF : 18988.0/58

- 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: 0.615 $\pm$ 0.008 χ^2 /NDF:310.5/11

Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18

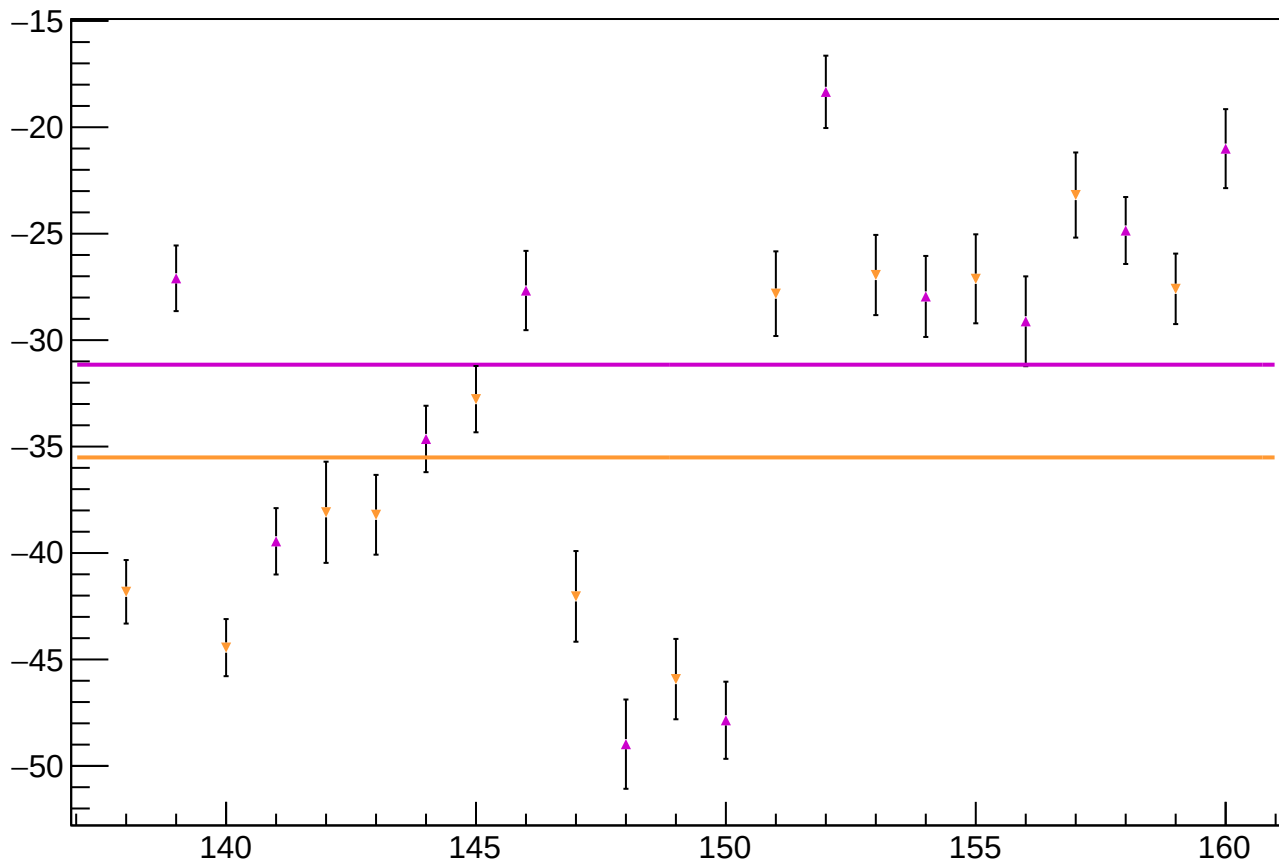
Left In: 0.610 $\pm$ 0.007 χ^2 /NDF:336.3/10

+ sign 0.572 $\pm$ 0.007 χ^2 /NDF: 1642.9/28

All: 0.566 $\pm$ 0.005 χ^2 /NDF: 3743.6/58

- 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 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -35.510 ± 0.516 χ^2/NDF : 221.0/11

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

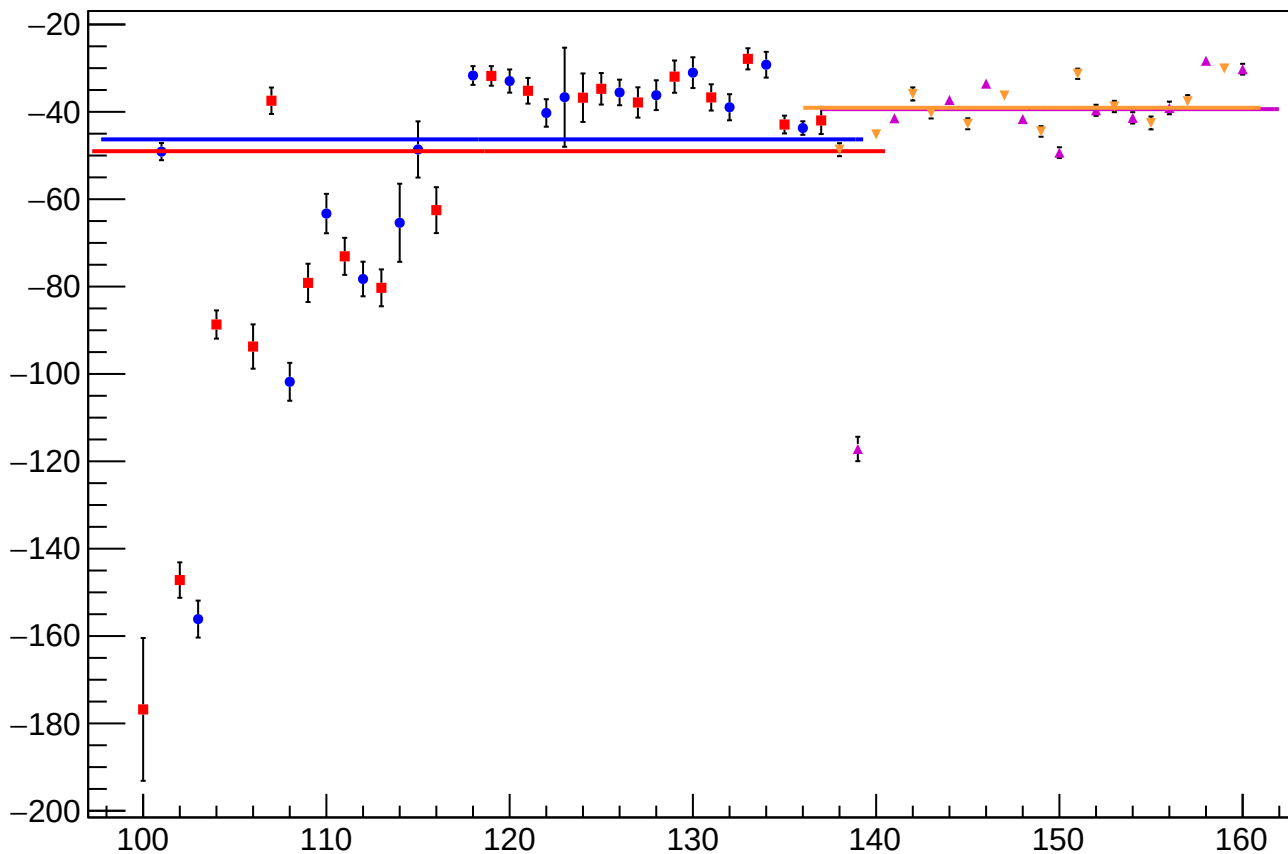
Left In: -31.153 ± 0.527 χ^2/NDF : 307.6/10

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

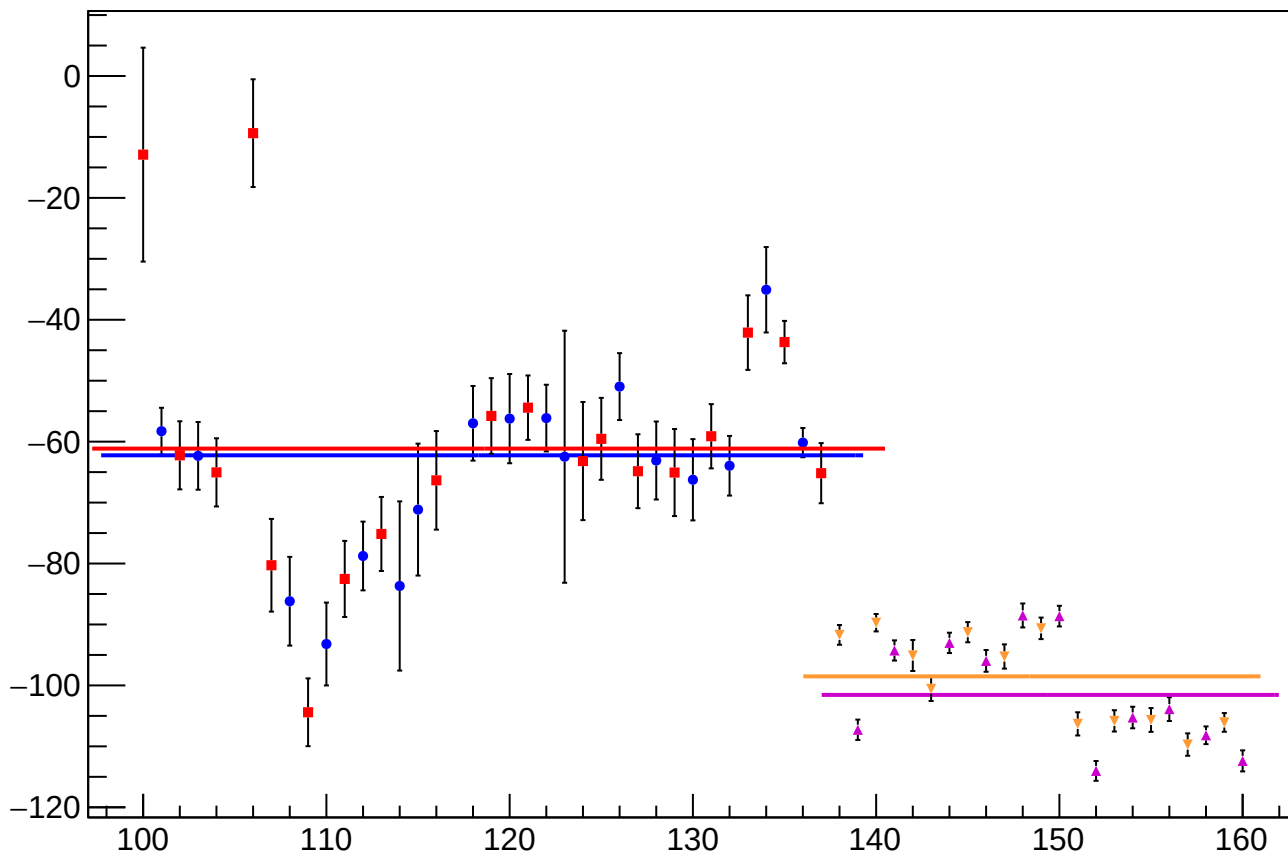
All: -33.377 ± 0.368 χ^2/NDF : 563.6/22

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -98.515 ± 0.513 χ^2/NDF : 209.3/11

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

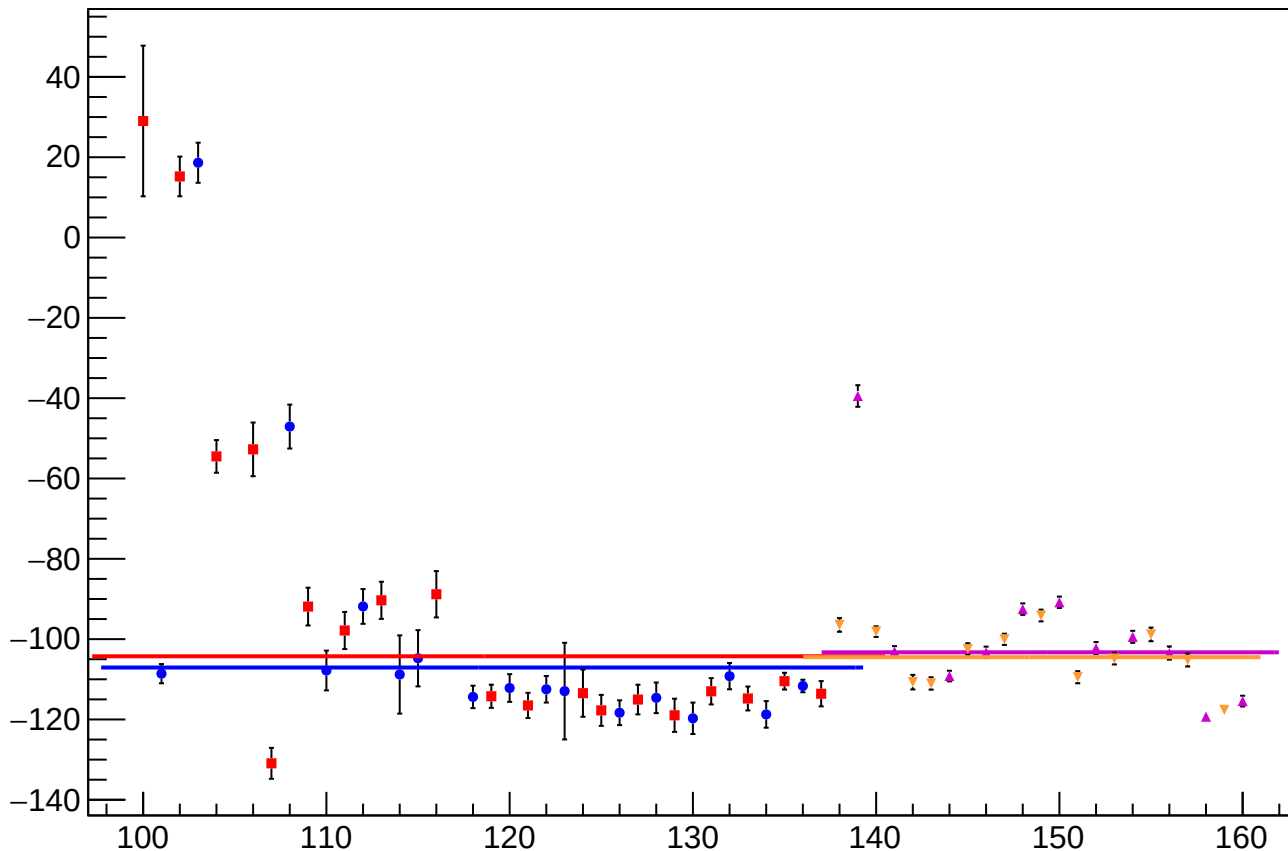
Left In: -101.556 ± 0.515 χ^2/NDF : 294.0/10

+ sign -93.695 ± 0.478 χ^2/NDF : 941.4/28

All: -95.141 ± 0.339 χ^2/NDF : 2172.9/58

- 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: -104.488 ± 0.430 χ^2/NDF : 280.3/11

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

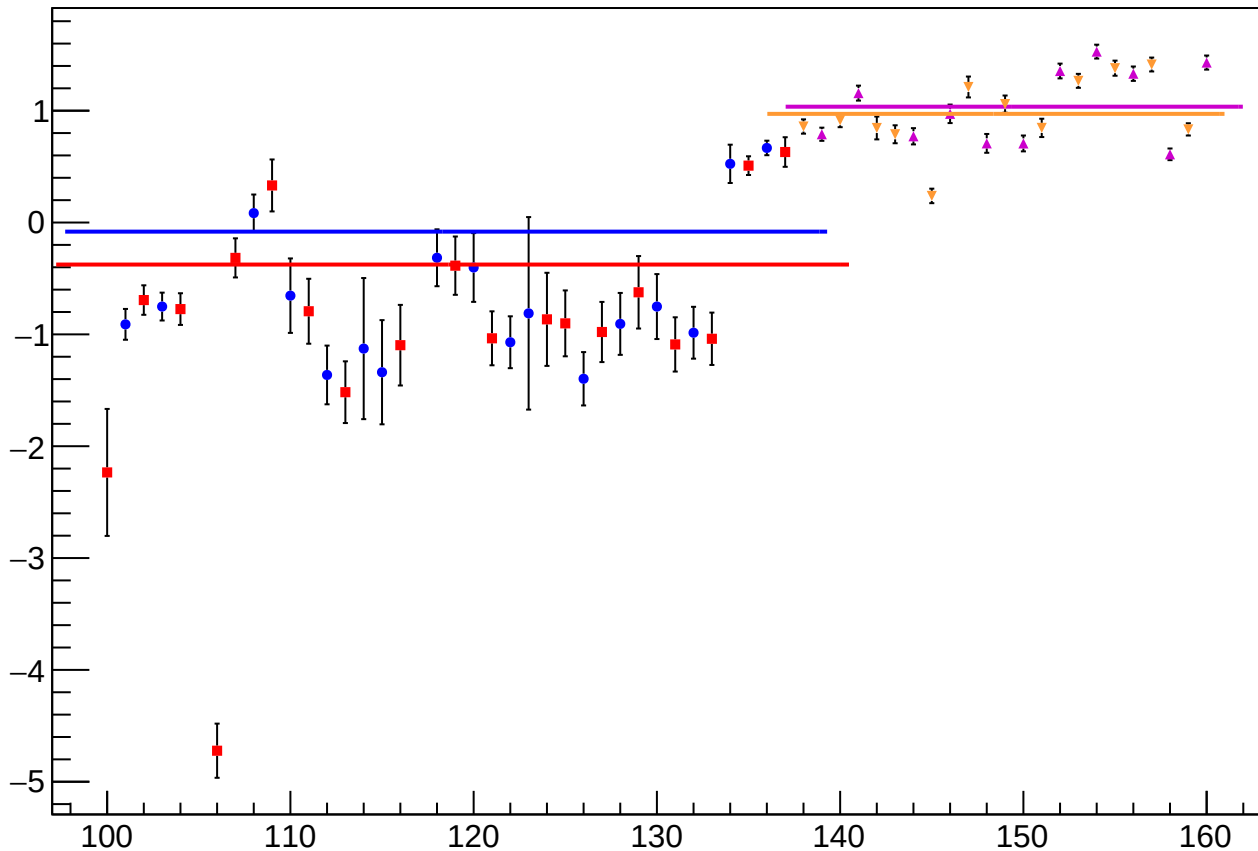
Left In: -103.282 ± 0.433 χ^2/NDF : 1004.2/10

+ sign -105.053 ± 0.380 χ^2/NDF : 1116.6/28

All: -104.282 ± 0.271 χ^2/NDF : 3148.9/58

- 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: 0.972 ± 0.020 χ^2/NDF : 264.7/11

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

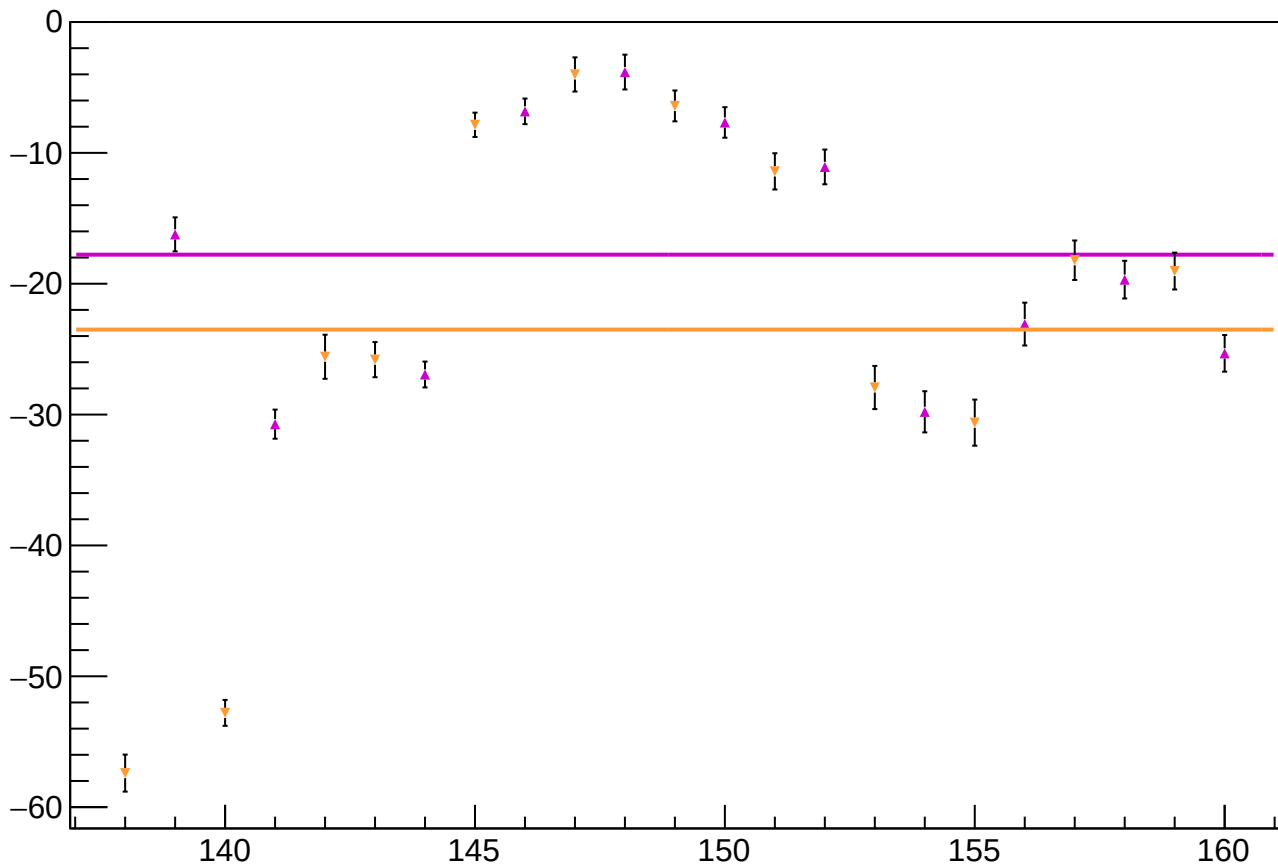
Left In: 1.036 ± 0.020 χ^2/NDF : 284.4/10

+ sign 0.778 ± 0.018 χ^2/NDF : 1102.4/28

All: 0.787 ± 0.013 χ^2/NDF : 2828.8/58

- 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: -23.505+/-0.377 χ^2/NDF : 2292.1/11

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

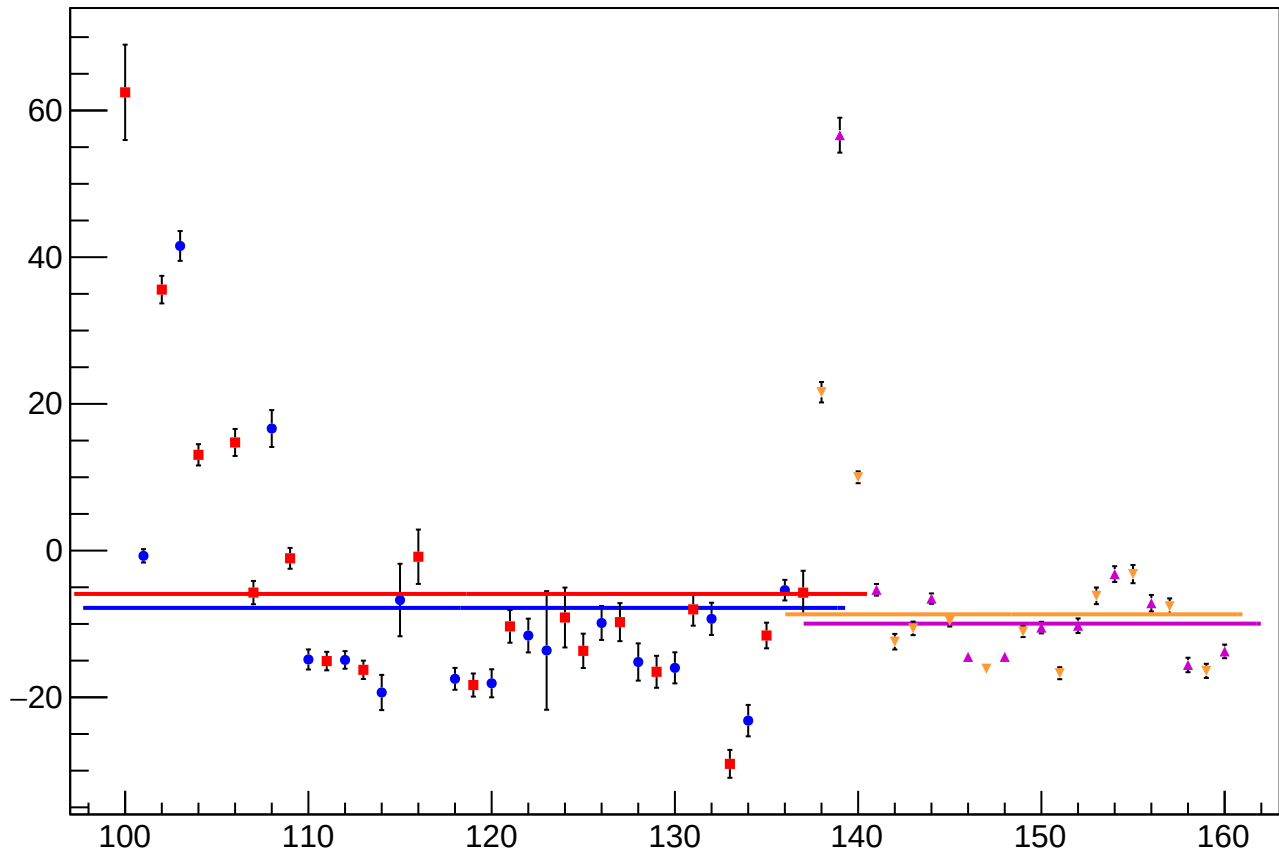
Left In: -17.780+/-0.375 χ^2/NDF : 658.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.630+/-0.266 χ^2/NDF : 3066.1/22

- 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: -8.685 ± 0.258 χ^2/NDF : 1361.4/11

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

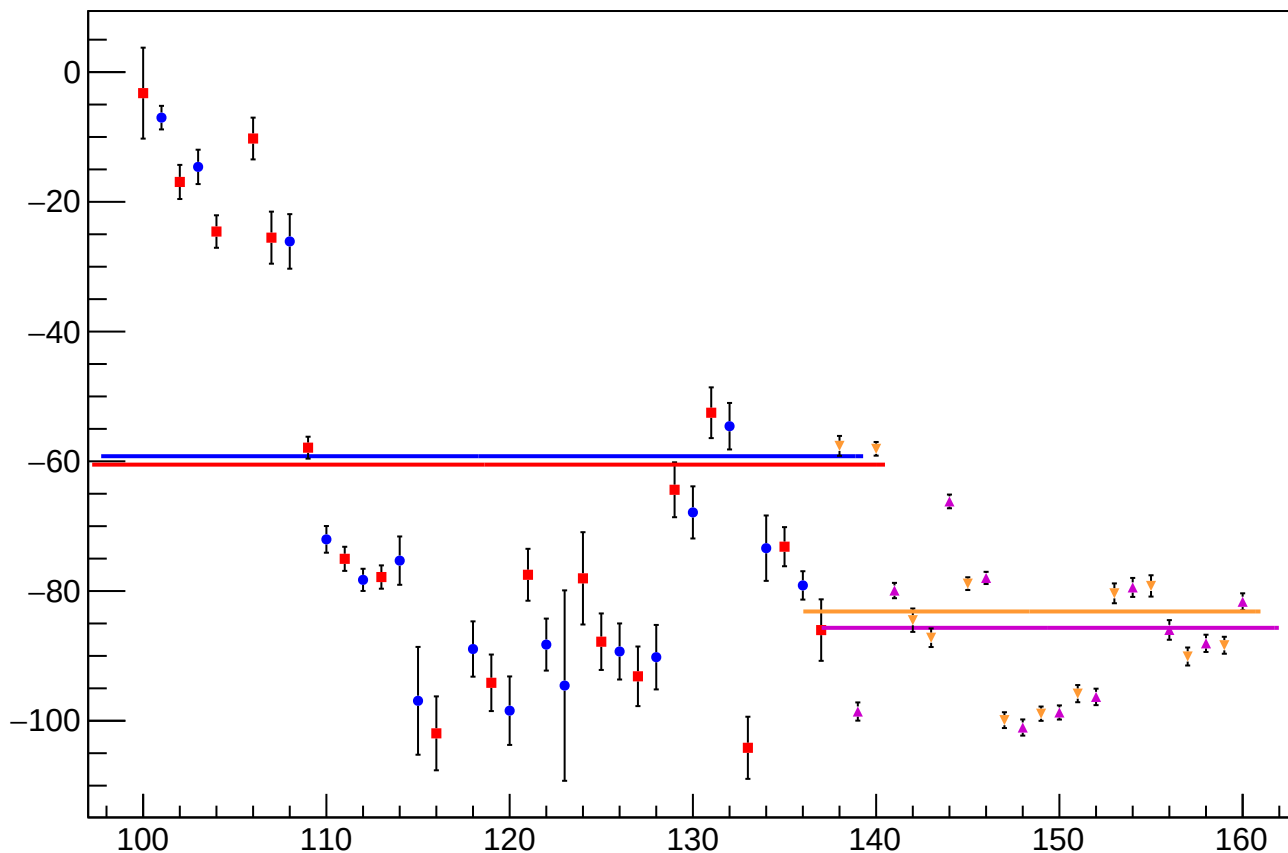
Left In: -9.956 ± 0.256 χ^2/NDF : 1038.2/10

+ sign -8.451 ± 0.221 χ^2/NDF : 2347.2/28

All: -8.673 ± 0.156 χ^2/NDF : 4746.1/58

- 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: -83.150 ± 0.375 χ^2/NDF : 1404.5/11

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

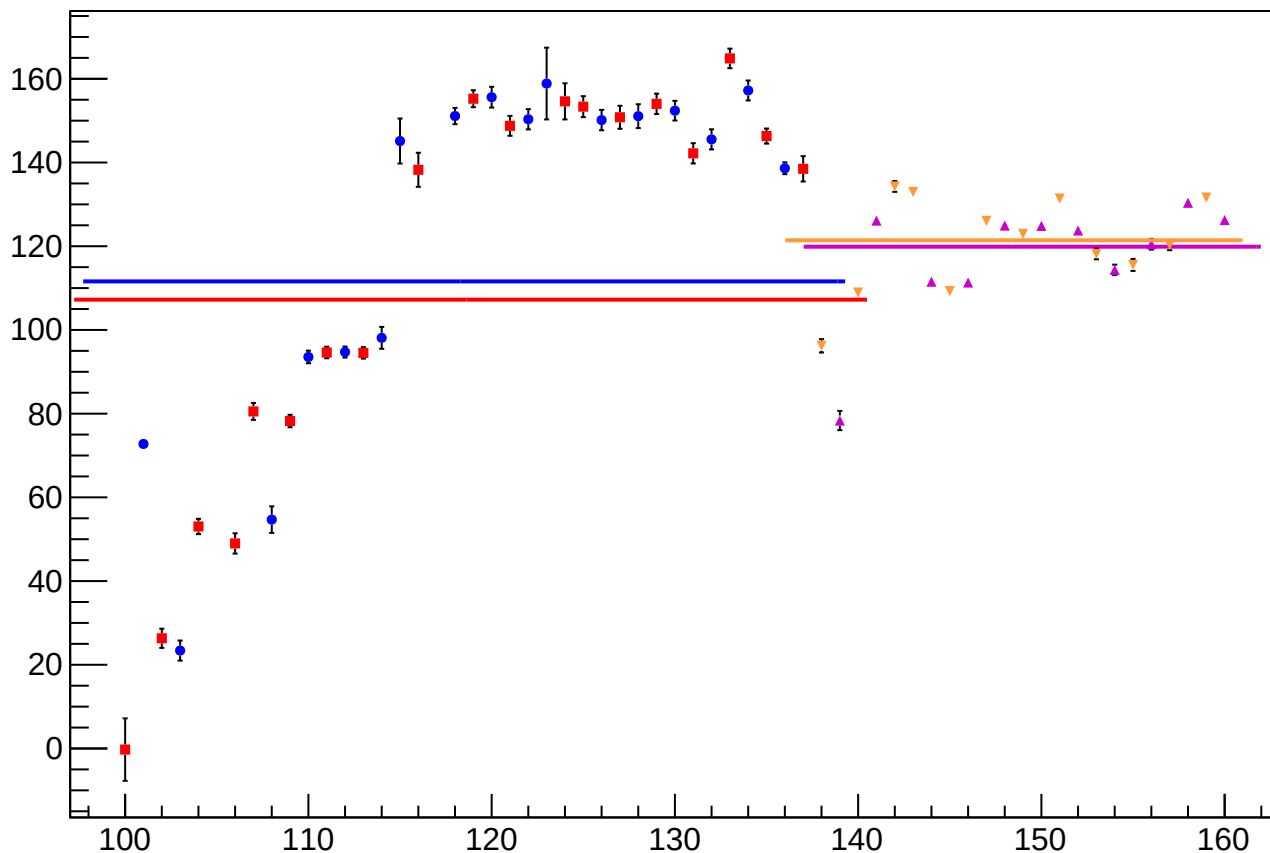
Left In: -85.673 ± 0.367 χ^2/NDF : 910.7/10

+ sign -78.303 ± 0.335 χ^2/NDF : 3950.9/28

All: -79.323 ± 0.233 χ^2/NDF : 7267.0/58

- 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 $\pm$ 0.487 χ^2 /NDF: 5959.5/16

Left Out: 121.414 $\pm$ 0.311 χ^2 /NDF:1058.4/11

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

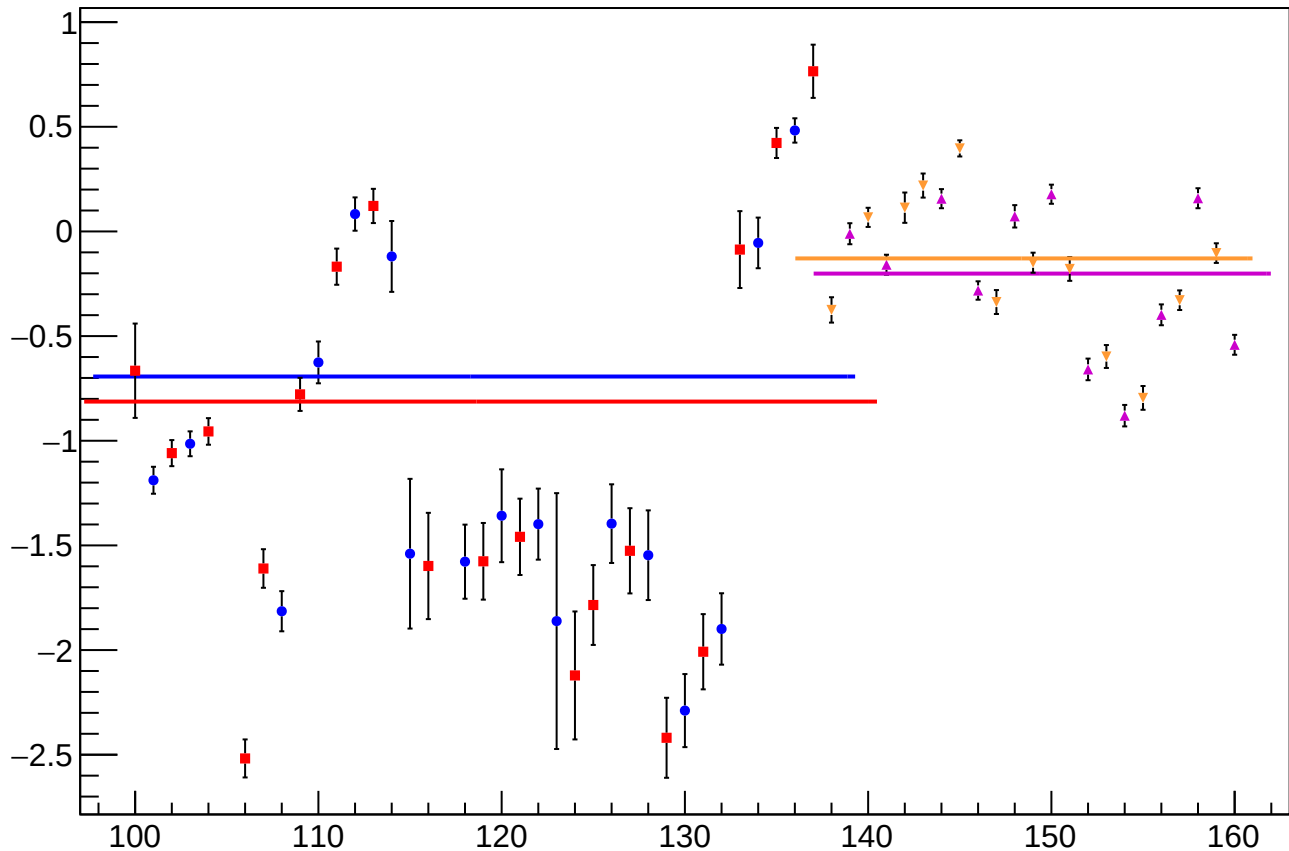
Left In: 119.894 $\pm$ 0.306 χ^2 /NDF:827.6/10

+ sign 118.568 $\pm$ 0.262 χ^2 /NDF: 7306.9/28

All: 117.435 $\pm$ 0.184 χ^2 /NDF: 15692.6/58

- sign 116.328 $\pm$ 0.259 χ^2 /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: -0.129 ± 0.015 χ^2/NDF : 511.7/11

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

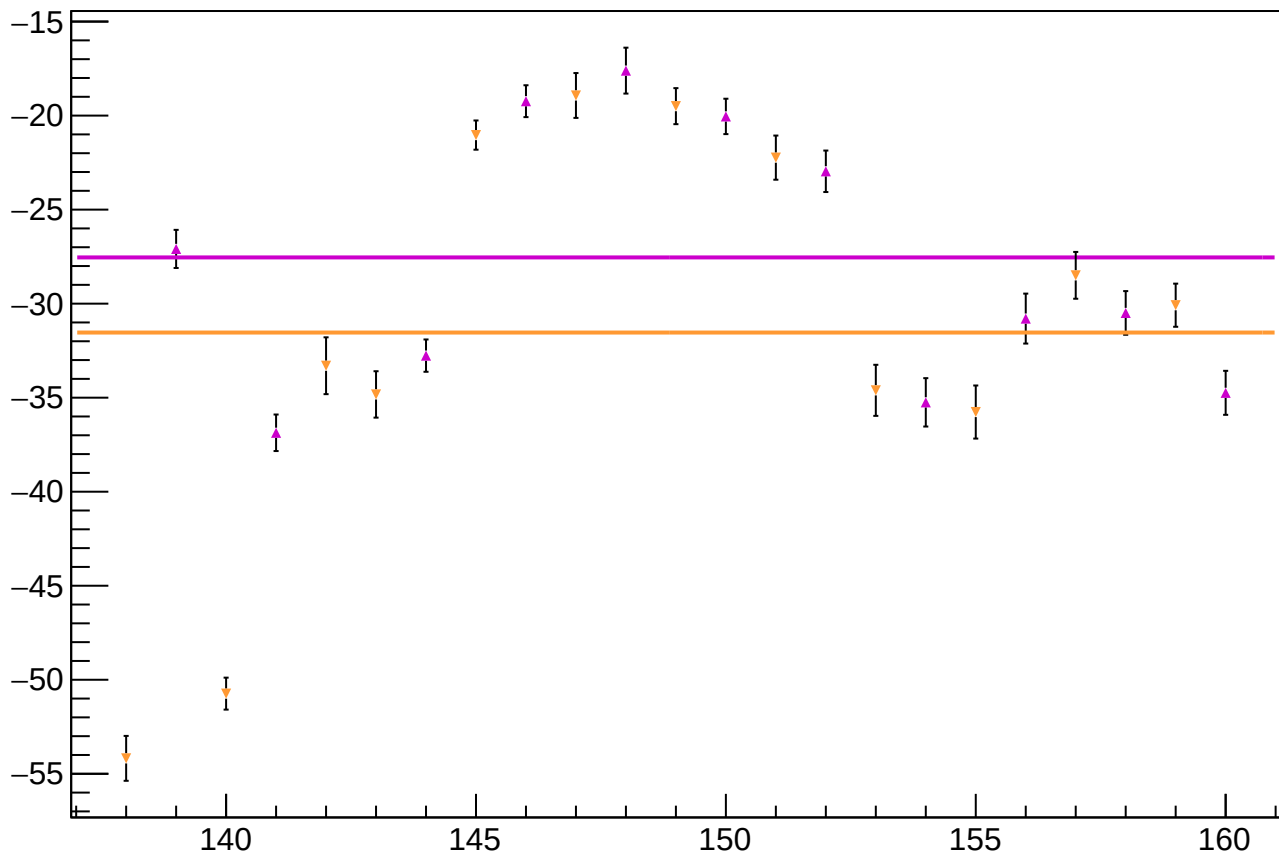
Left In: -0.201 ± 0.015 χ^2/NDF : 552.4/10

+ sign -0.270 ± 0.013 χ^2/NDF : 1864.2/28

All: -0.318 ± 0.009 χ^2/NDF : 4218.4/58

- 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: -31.536+/-0.319 χ^2/NDF : 1415.6/11

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

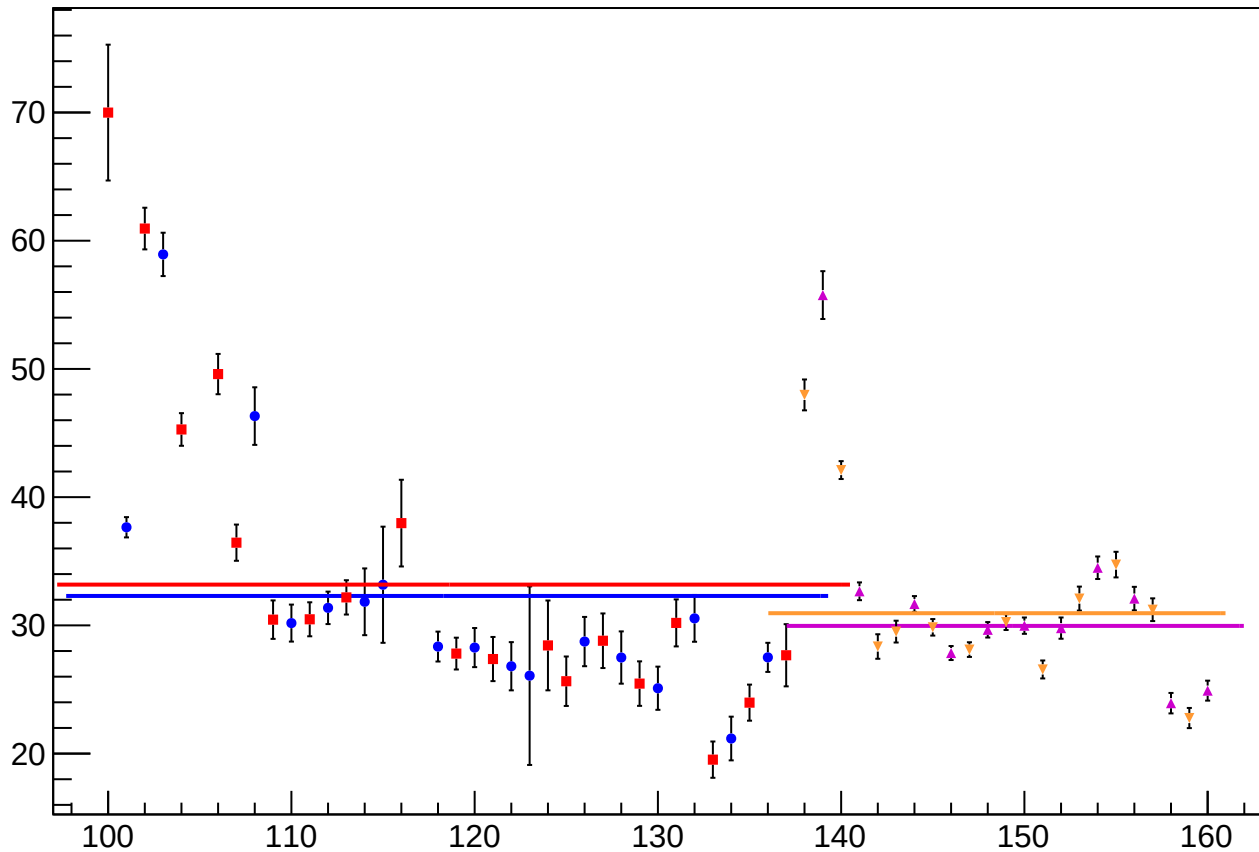
Left In: -27.542+/-0.315 χ^2/NDF : 458.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.515+/-0.224 χ^2/NDF : 1953.6/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295 ± 0.373 $\chi^2/\text{NDF}: 452.2/16$

Left Out: 30.949 ± 0.221 $\chi^2/\text{NDF}: 658.4/11$

Right Out: 33.180 ± 0.379 $\chi^2/\text{NDF}: 770.3/18$

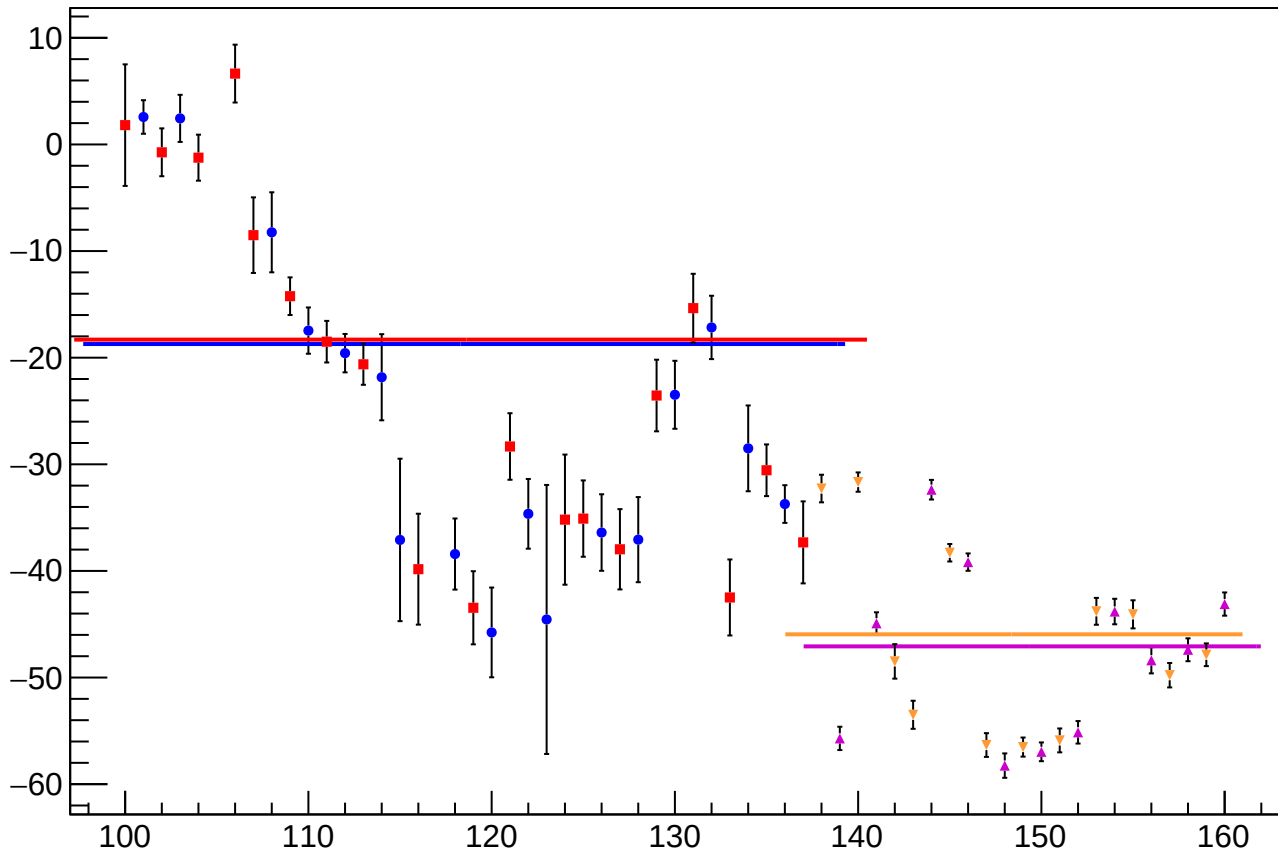
Left In: 29.959 ± 0.220 $\chi^2/\text{NDF}: 360.7/10$

+ sign 31.300 ± 0.190 $\chi^2/\text{NDF}: 1120.3/28$

All: 31.034 ± 0.134 $\chi^2/\text{NDF}: 2309.2/58$

- sign 30.768 ± 0.190 $\chi^2/\text{NDF}: 1185.0/29$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -45.947 ± 0.317 χ^2/NDF : 807.2/11

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

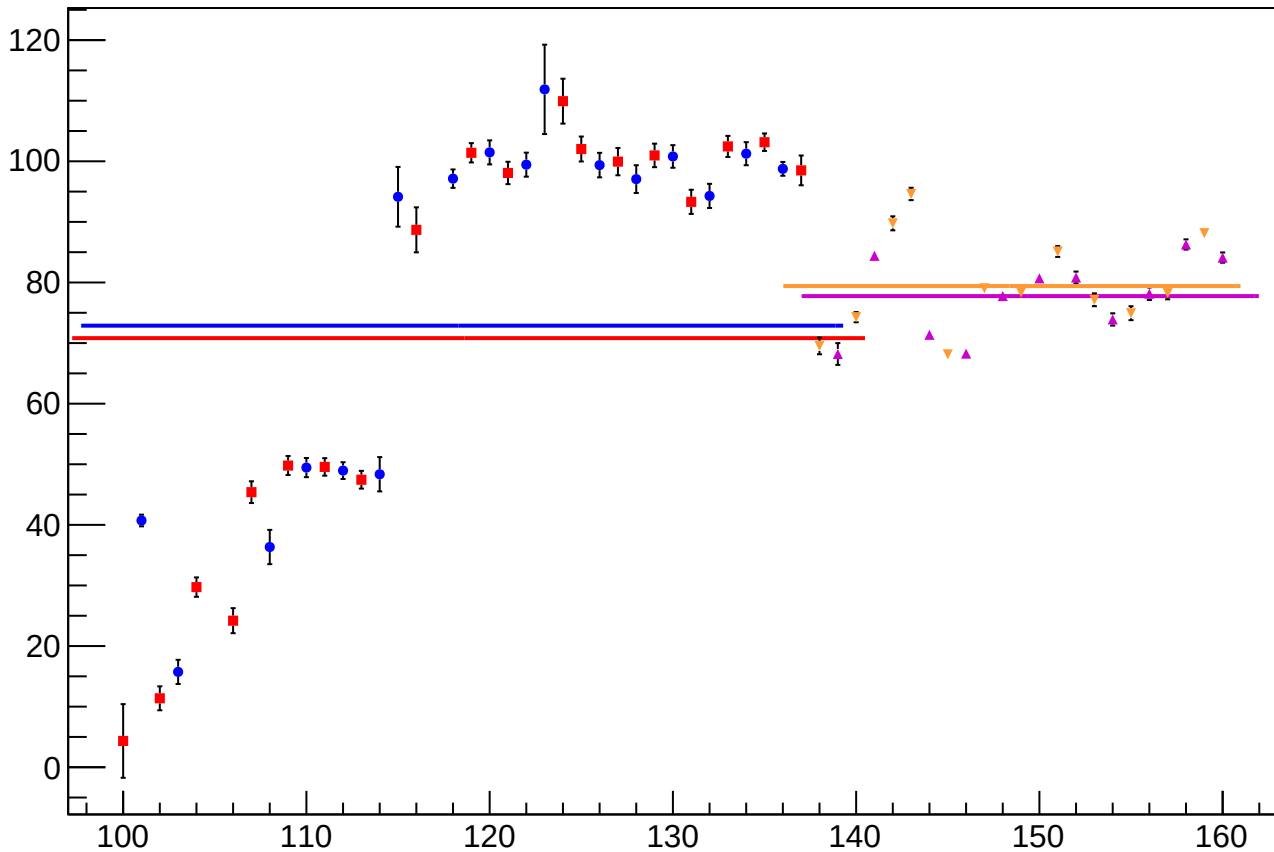
Left In: -47.077 ± 0.309 χ^2/NDF : 717.6/10

+ sign -40.916 ± 0.286 χ^2/NDF : 2691.7/28

All: -41.315 ± 0.199 χ^2/NDF : 5510.5/58

- 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 $\pm$ 0.426 χ^2 /NDF: 4737.9/16

Left Out: 79.412 $\pm$ 0.265 χ^2 /NDF: 798.5/11

Right Out: 70.815 $\pm$ 0.433 χ^2 /NDF: 5489.3/18

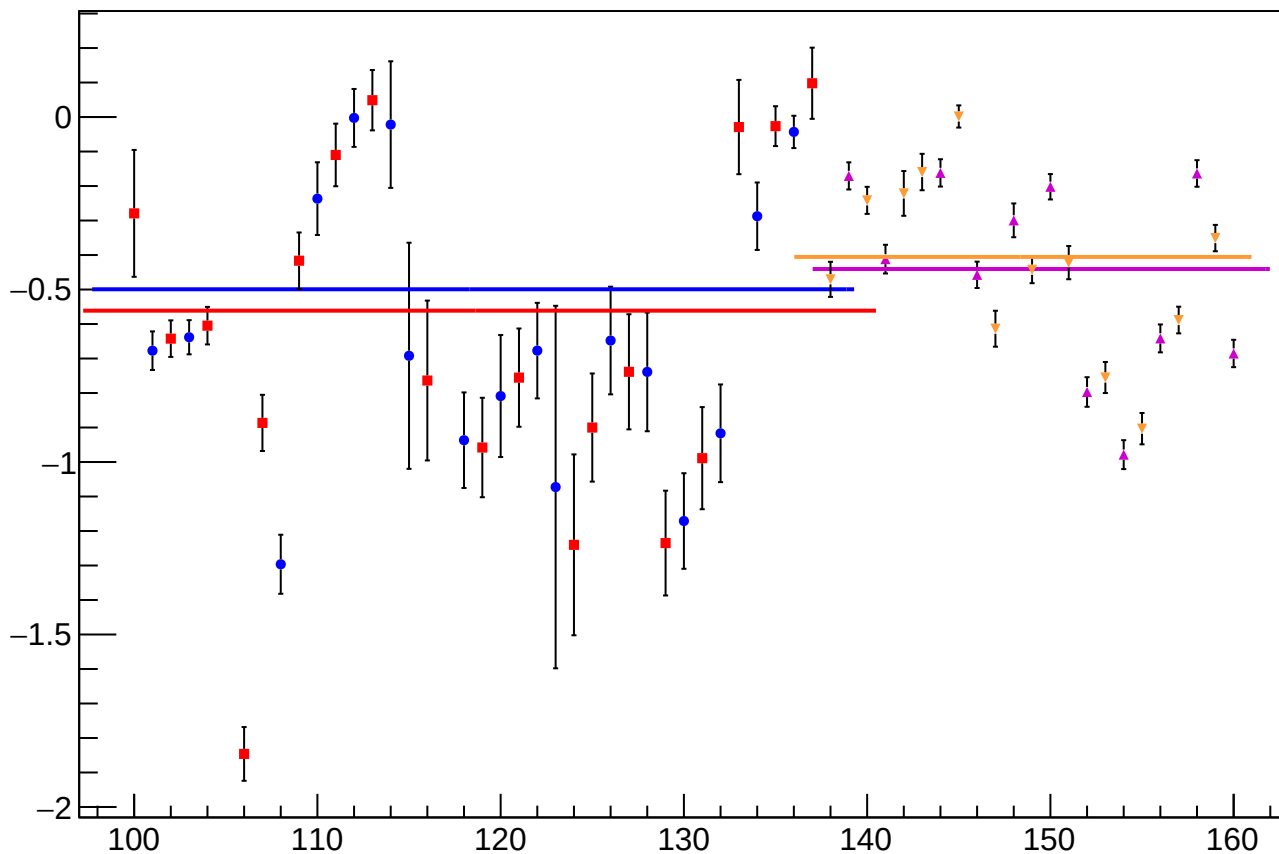
Left In: 77.754 $\pm$ 0.260 χ^2 /NDF: 565.5/10

+ sign 77.587 $\pm$ 0.225 χ^2 /NDF: 5706.4/28

All: 76.745 $\pm$ 0.158 χ^2 /NDF: 11977.6/58

- sign 75.921 $\pm$ 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: -0.405±0.013 χ^2/NDF : 430.5/11

Right Out: -0.561±0.021 χ^2/NDF : 562.3/18

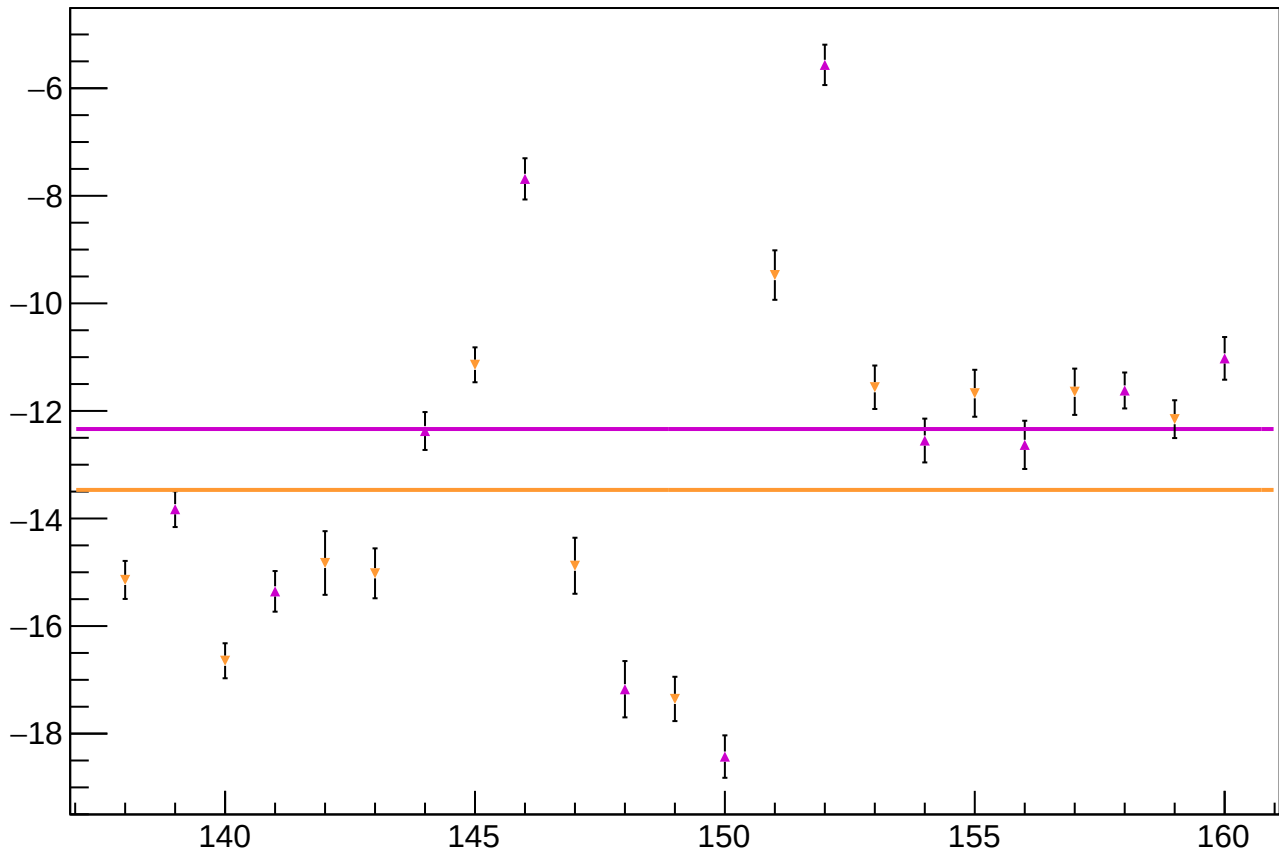
Left In: -0.441±0.012 χ^2/NDF : 495.9/10

+ sign -0.428±0.011 χ^2/NDF : 747.5/28

All: -0.450±0.008 χ^2/NDF : 1837.5/58

- 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: -13.469+/-0.117 χ^2/NDF : 428.5/11

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

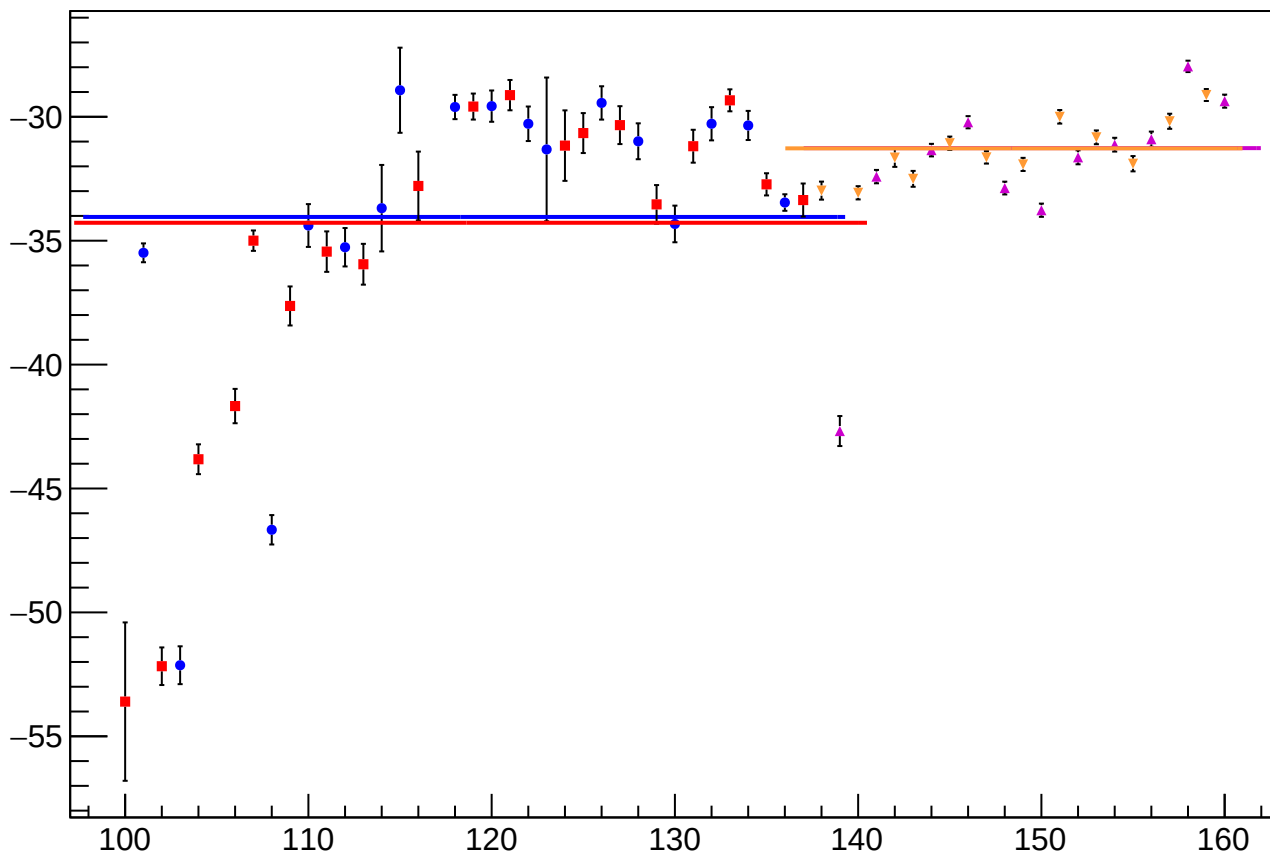
Left In: -12.336+/-0.116 χ^2/NDF : 896.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.900+/-0.082 χ^2/NDF : 1372.2/22

- 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: -31.273 ± 0.082 χ^2/NDF : 211.6/11

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

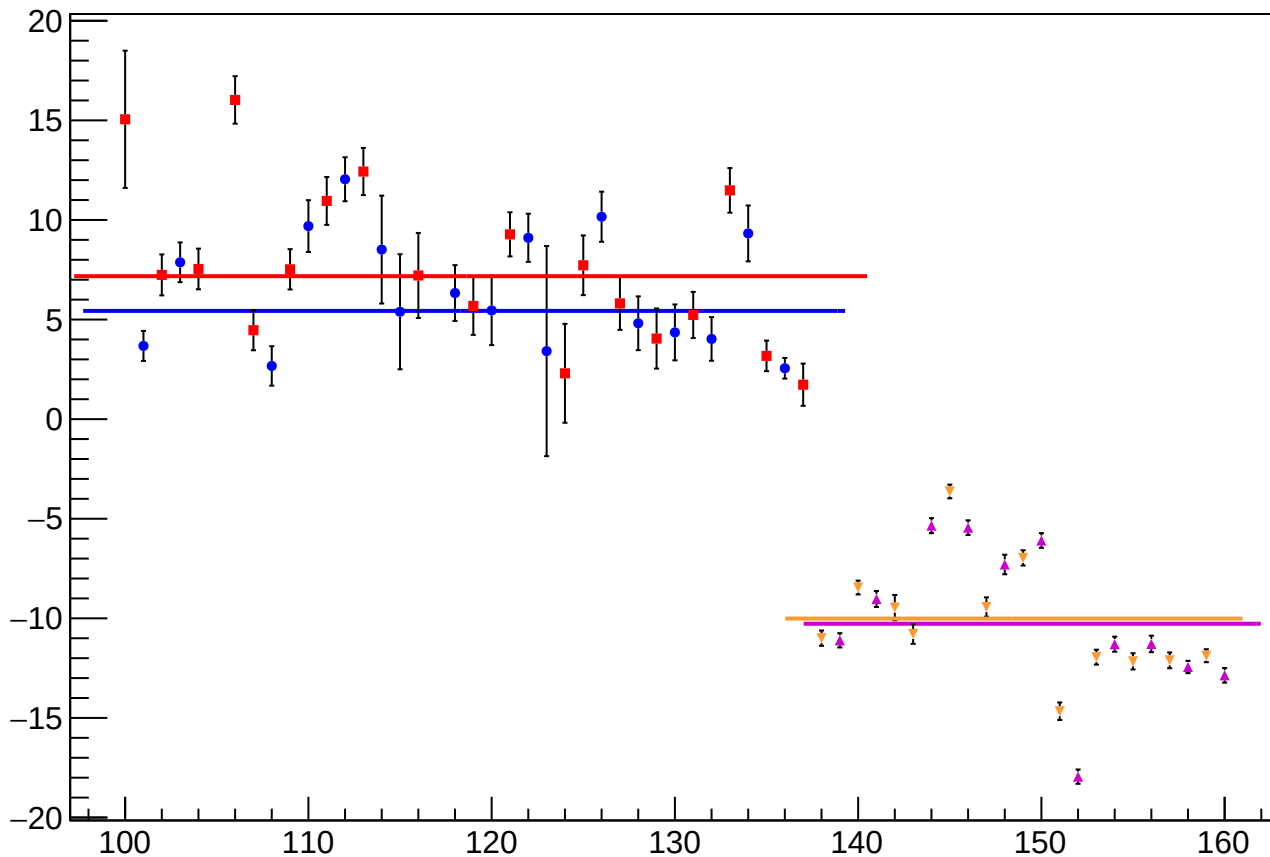
Left In: -31.265 ± 0.083 χ^2/NDF : 778.8/10

+ sign -31.912 ± 0.072 χ^2/NDF : 1812.0/28

All: -31.935 ± 0.051 χ^2/NDF : 4247.4/58

- 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: -10.011 ± 0.115 $\chi^2/\text{NDF}: 666.8/11$

Right Out: 7.177 ± 0.274 $\chi^2/\text{NDF}: 182.6/18$

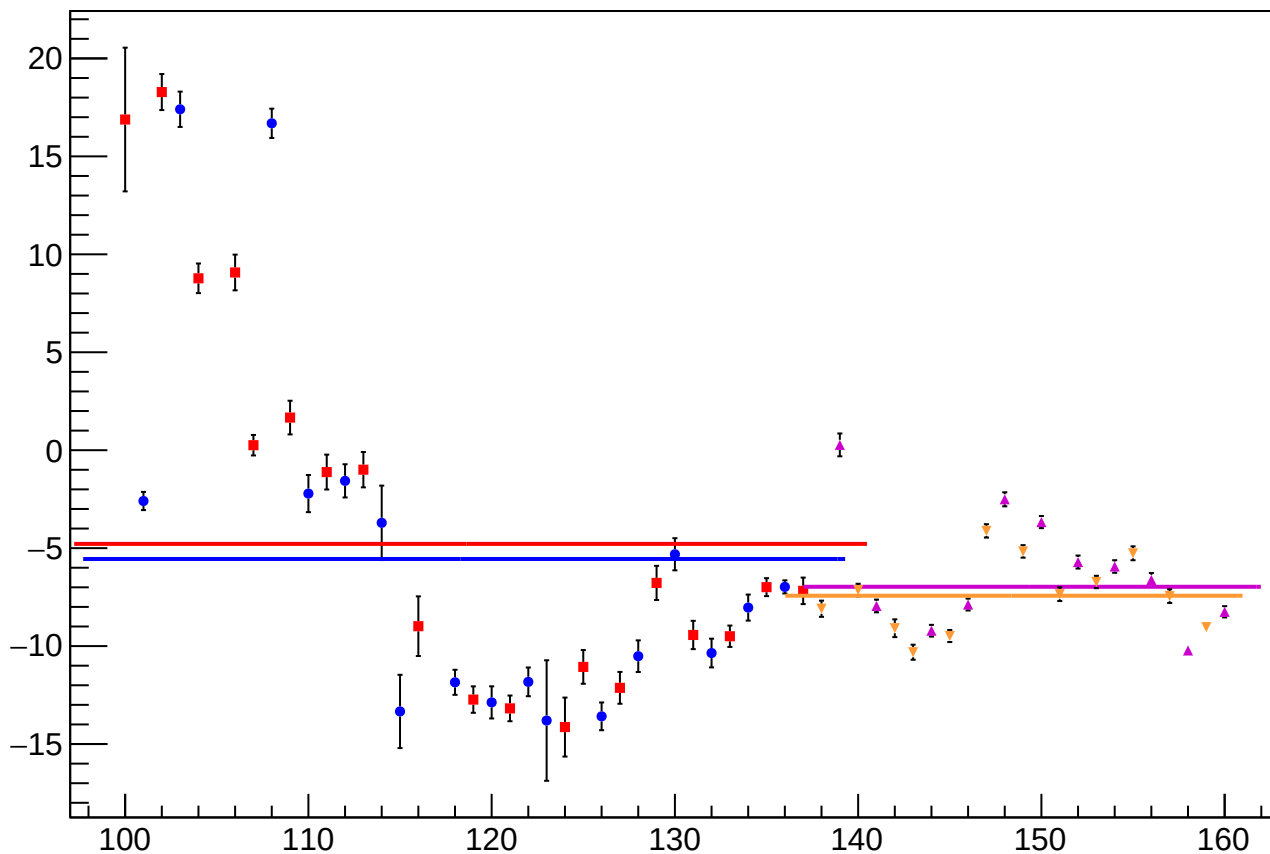
Left In: -10.271 ± 0.113 $\chi^2/\text{NDF}: 1090.8/10$

+ sign -7.623 ± 0.106 $\chi^2/\text{NDF}: 3574.5/28$

All: -7.679 ± 0.074 $\chi^2/\text{NDF}: 8309.6/58$

- 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 χ^2/NDF : 2125.3/16

Left Out: -7.429 ± 0.097 χ^2/NDF : 343.2/11

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

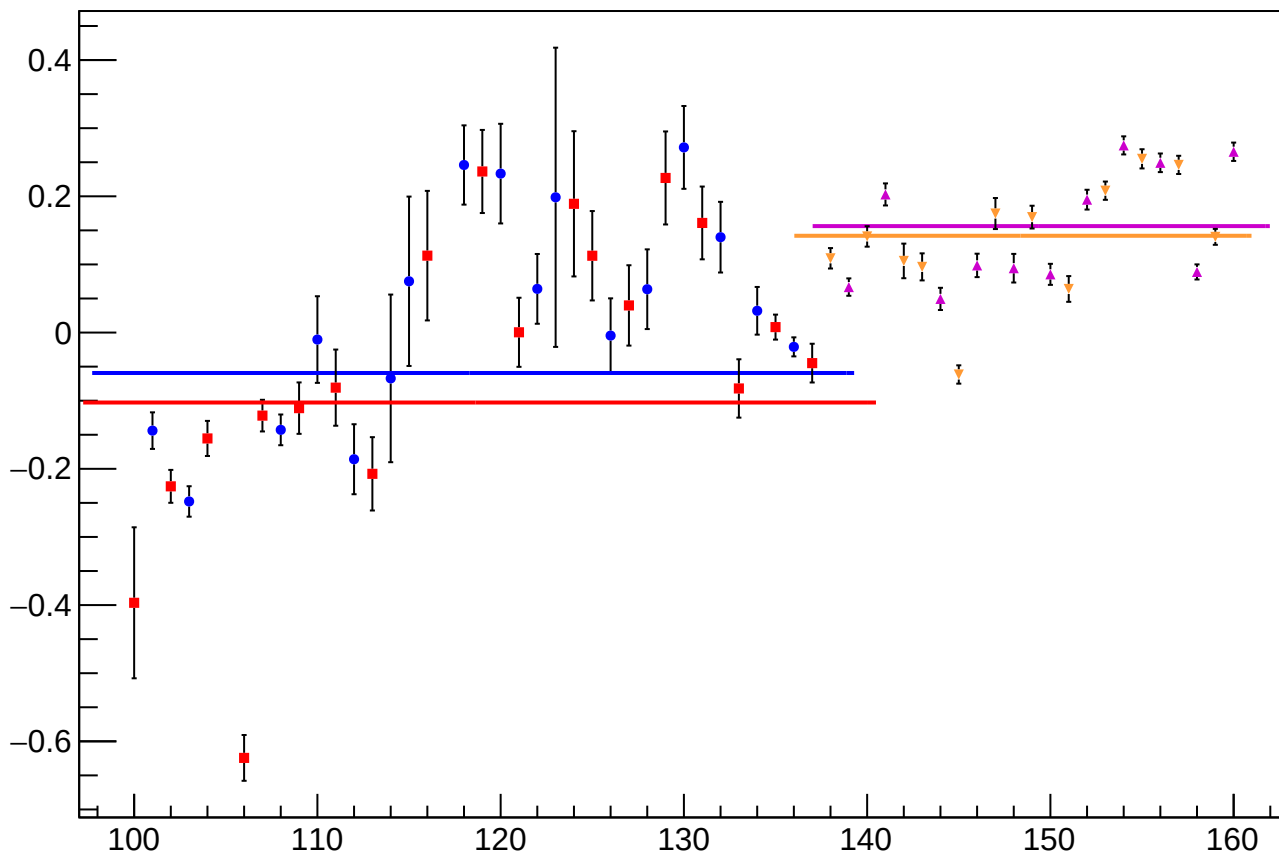
Left In: -6.972 ± 0.096 χ^2/NDF : 723.2/10

+ sign -6.966 ± 0.084 χ^2/NDF : 2560.4/28

All: -6.709 ± 0.059 χ^2/NDF : 5465.1/58

- sign -6.456 ± 0.084 χ^2/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: 0.142 ± 0.004 χ^2/NDF : 412.7/11

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

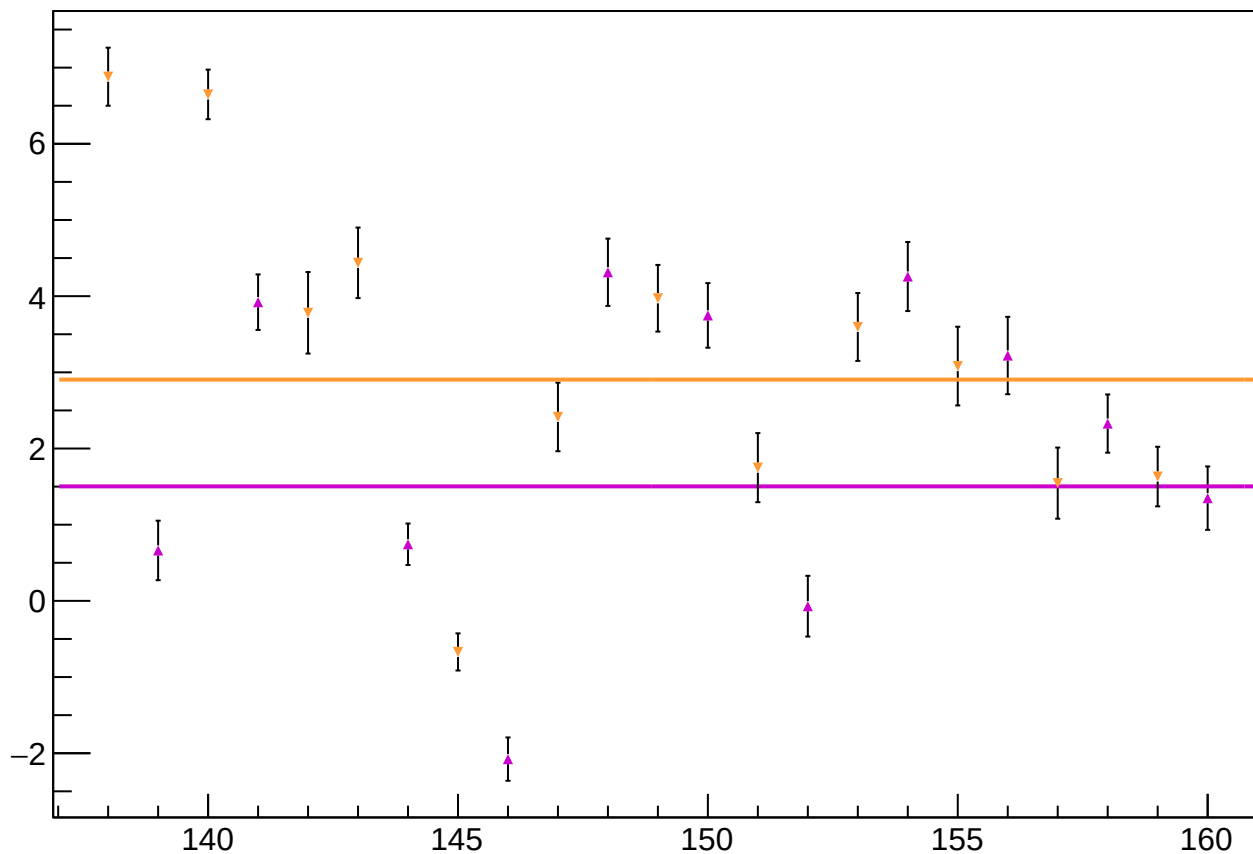
Left In: 0.156 ± 0.004 χ^2/NDF : 376.9/10

+ sign 0.098 ± 0.004 χ^2/NDF : 1079.8/28

All: 0.100 ± 0.003 χ^2/NDF : 2639.8/58

- sign 0.102 ± 0.004 χ^2/NDF : 1559.4/29

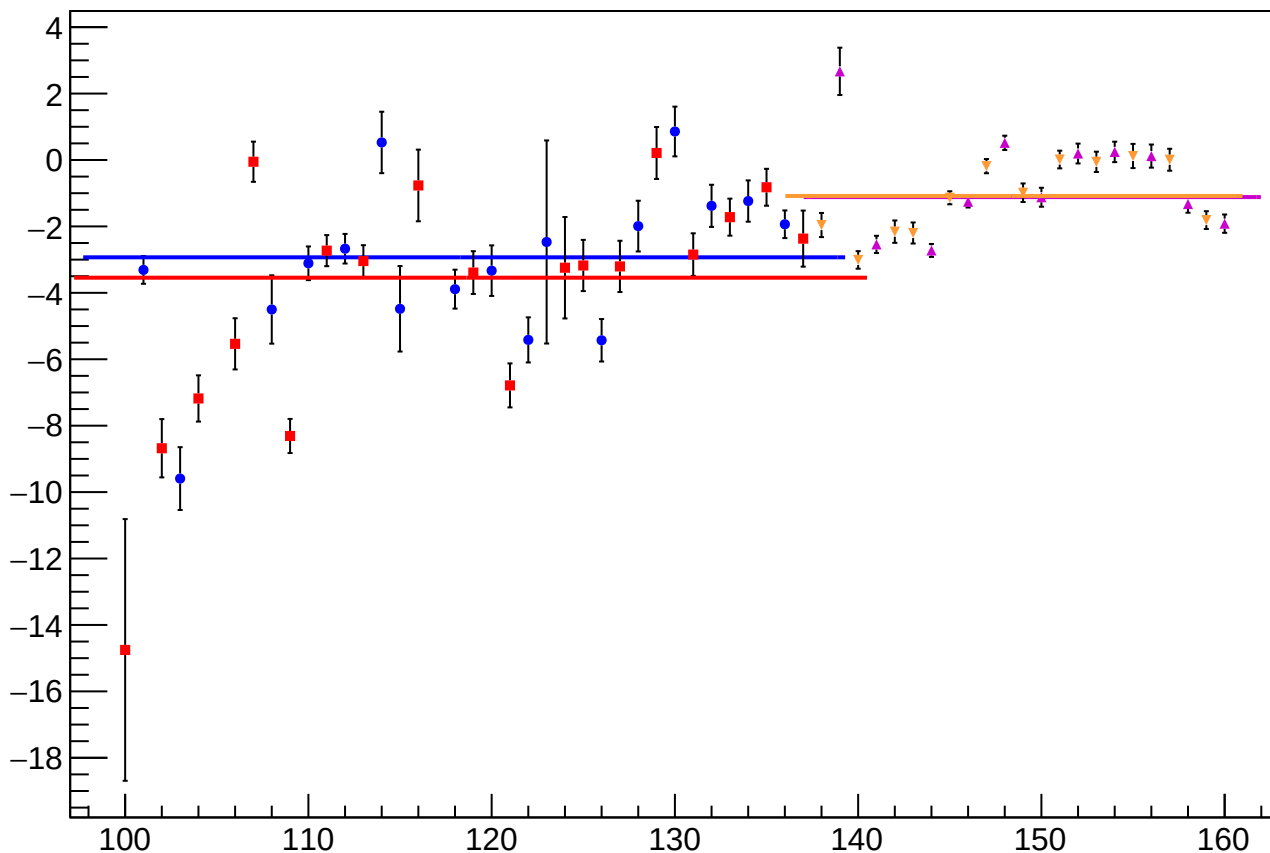
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.905 $\pm$ 0.115 χ^2 /NDF:505.1/11
 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: 2.195 $\pm$ 0.080 χ^2 /NDF: 933.0/22
 - 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: -1.083 ± 0.080 χ^2/NDF : 156.9/11

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

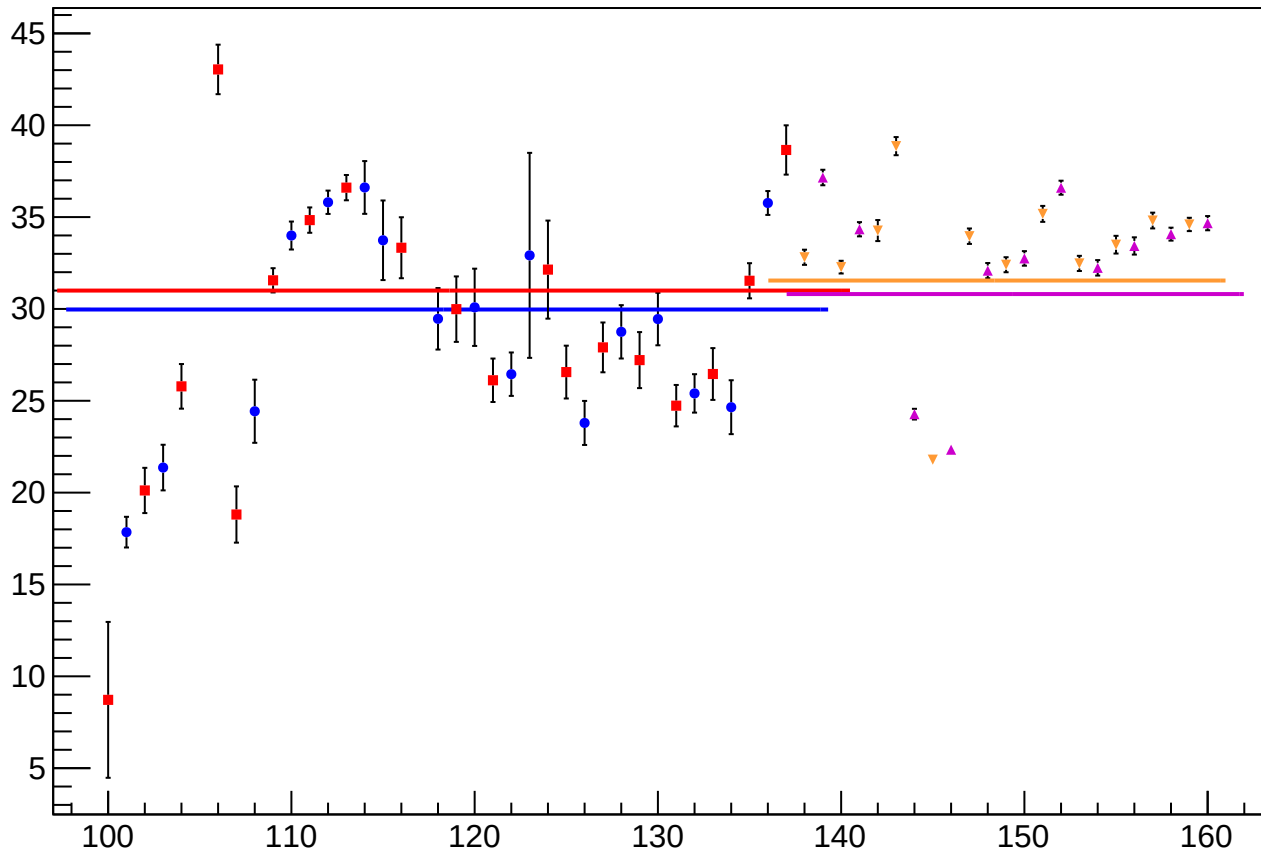
Left In: -1.117 ± 0.077 χ^2/NDF : 245.4/10

+ sign -1.475 ± 0.071 χ^2/NDF : 416.9/28

All: -1.540 ± 0.049 χ^2/NDF : 1152.9/58

- 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 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

Left Out: 31.546 ± 0.114 $\chi^2/\text{NDF}: 1923.3/11$

Right Out: 31.000 ± 0.260 $\chi^2/\text{NDF}: 479.5/18$

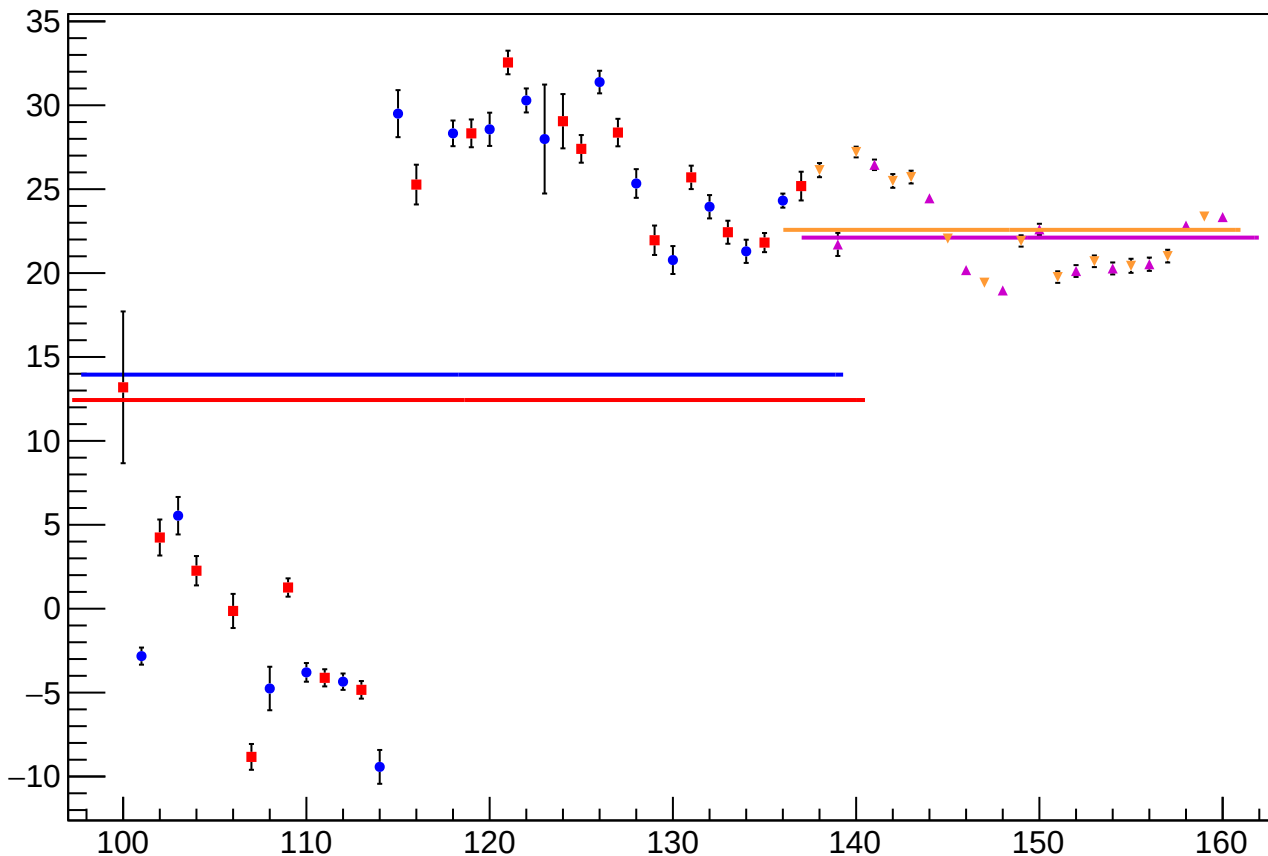
Left In: 30.810 ± 0.111 $\chi^2/\text{NDF}: 2265.3/10$

+ sign 31.300 ± 0.105 $\chi^2/\text{NDF}: 2507.1/28$

All: 31.062 ± 0.073 $\chi^2/\text{NDF}: 5262.3/58$

- sign 30.839 ± 0.102 $\chi^2/\text{NDF}: 2745.3/29$

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: 22.576 $\pm$ 0.095 χ^2 /NDF: 671.0/11

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

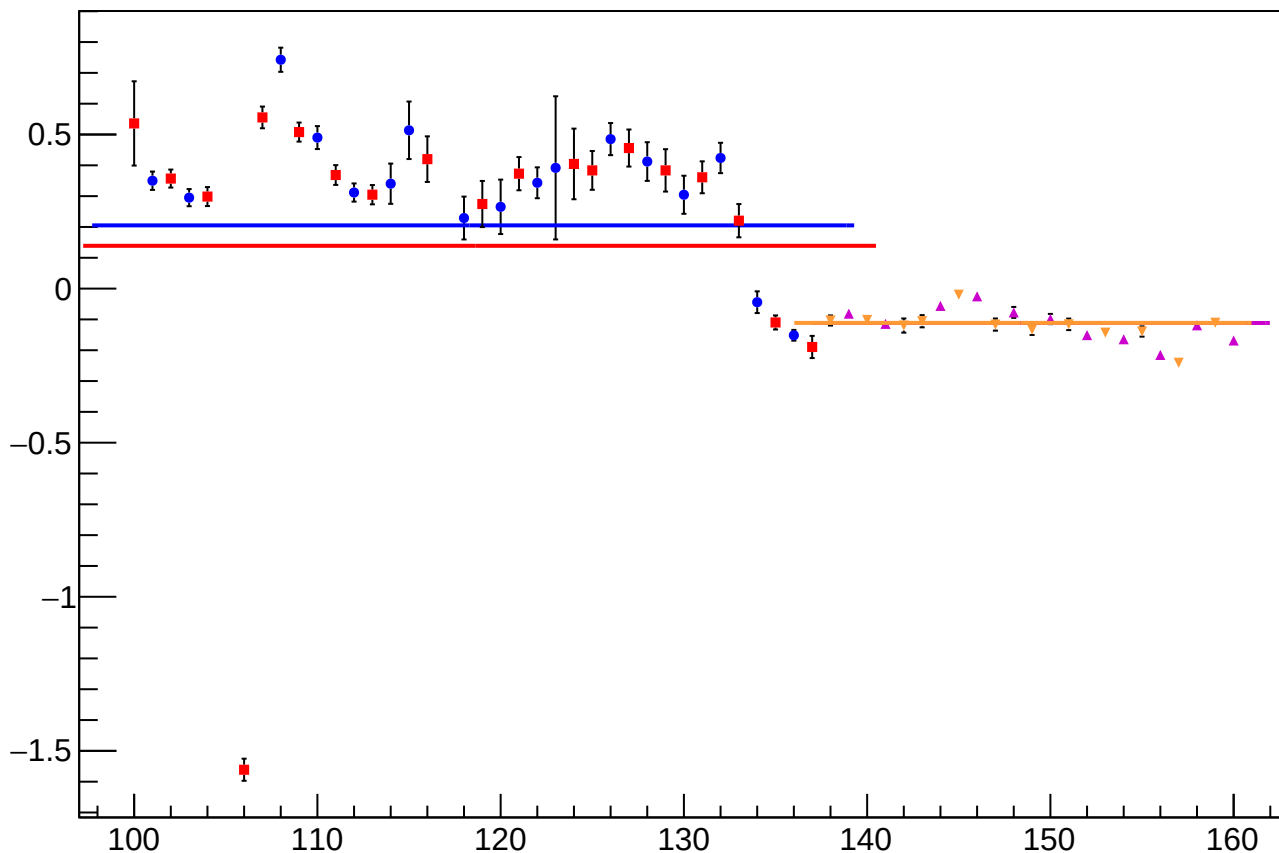
Left In: 22.114 $\pm$ 0.092 χ^2 /NDF: 584.2/10

+ sign 20.547 $\pm$ 0.083 χ^2 /NDF: 9988.3/28

All: 20.265 $\pm$ 0.058 χ^2 /NDF: 19984.4/58

- 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 ± 0.009 χ^2/NDF : 846.2/16

Left Out: -0.111 ± 0.004 χ^2/NDF : 170.4/11

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.8/18

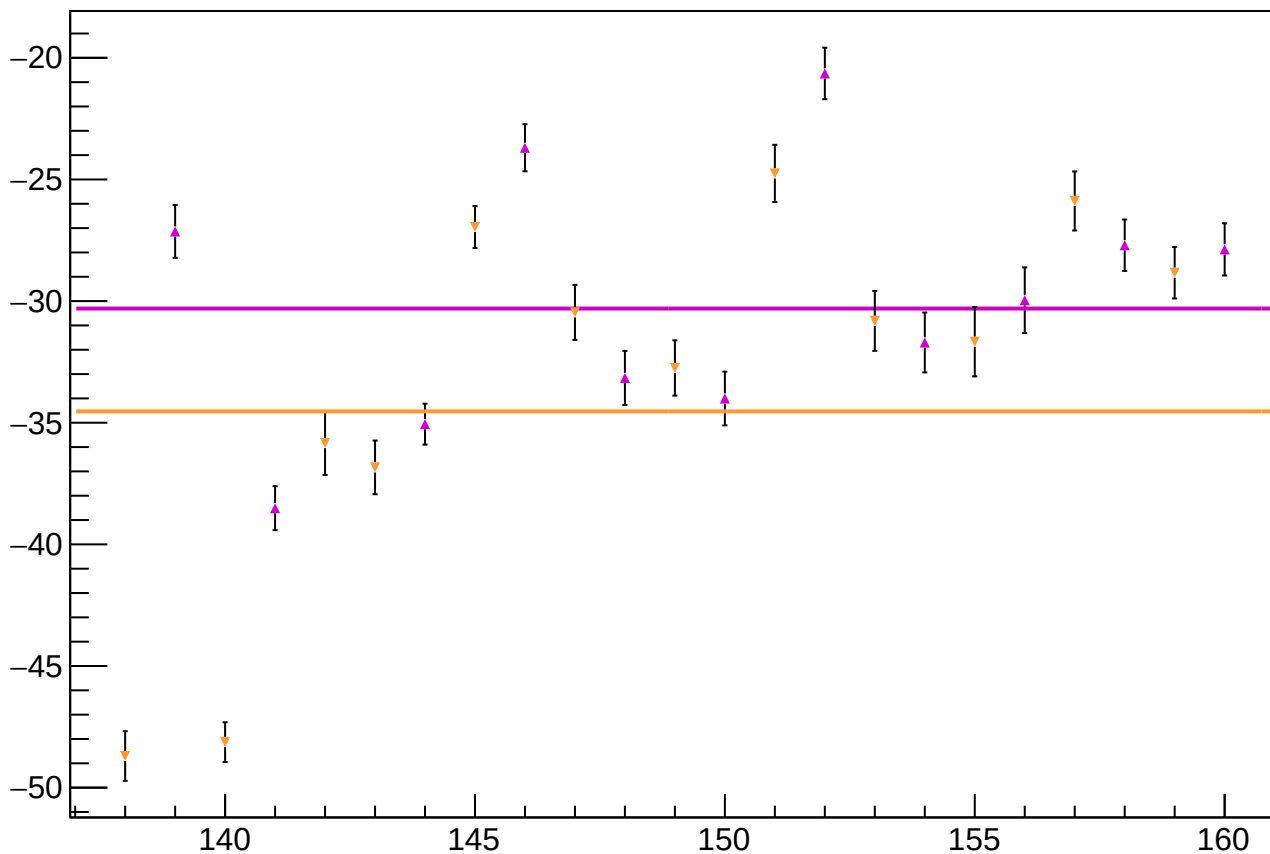
Left In: -0.112 ± 0.004 χ^2/NDF : 155.0/10

+ sign -0.052 ± 0.004 χ^2/NDF : 1945.9/28

All: -0.059 ± 0.003 χ^2/NDF : 5727.2/58

- sign -0.065 ± 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: -34.533+/-0.313 χ^2/NDF : 730.8/11

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

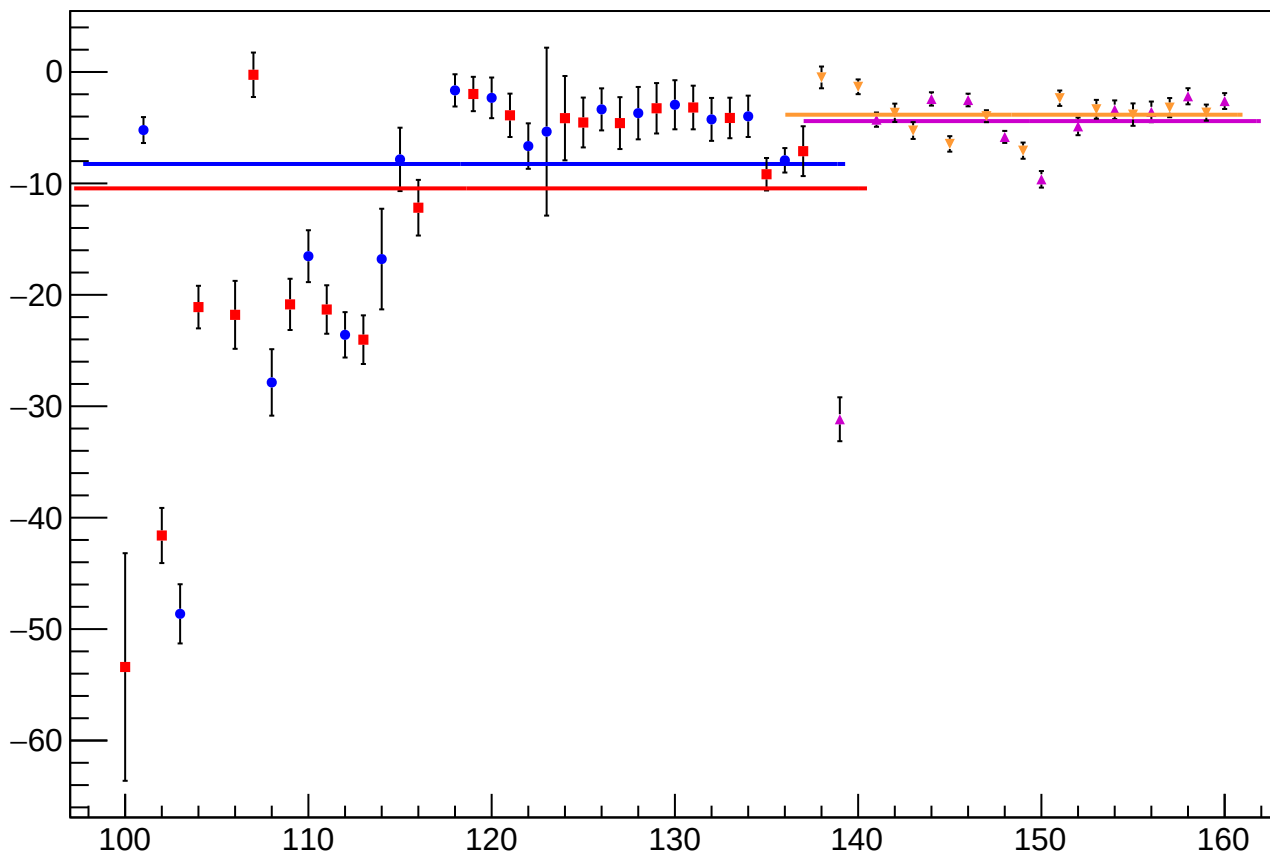
Left In: -30.306+/-0.315 χ^2/NDF : 283.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.437+/-0.222 χ^2/NDF : 1104.5/22

- 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: -3.834 ± 0.214 χ^2/NDF : 69.2/11

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

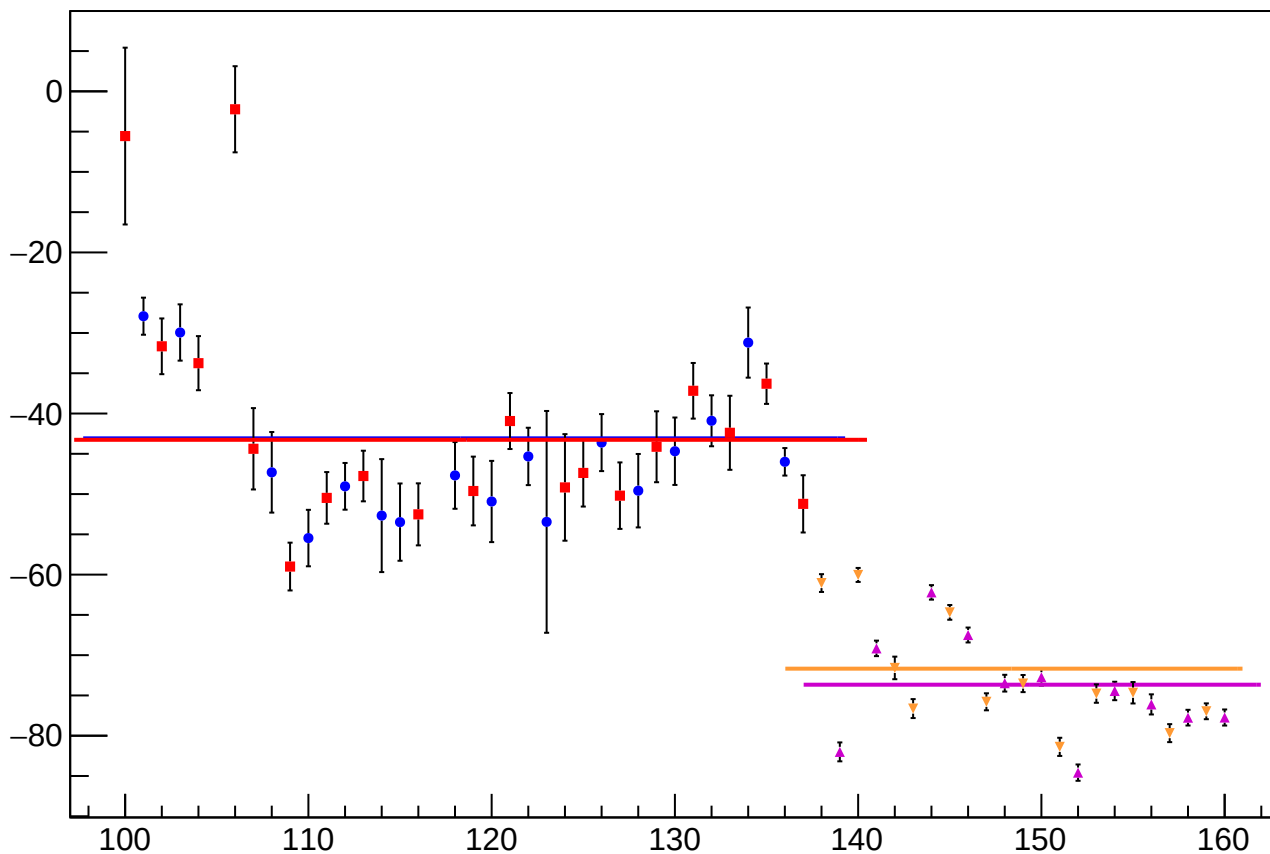
Left In: -4.407 ± 0.214 χ^2/NDF : 281.5/10

+ sign -4.618 ± 0.195 χ^2/NDF : 556.6/28

All: -4.990 ± 0.138 χ^2/NDF : 1401.0/58

- 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: -71.675 ± 0.311 χ^2/NDF : 533.0/11

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

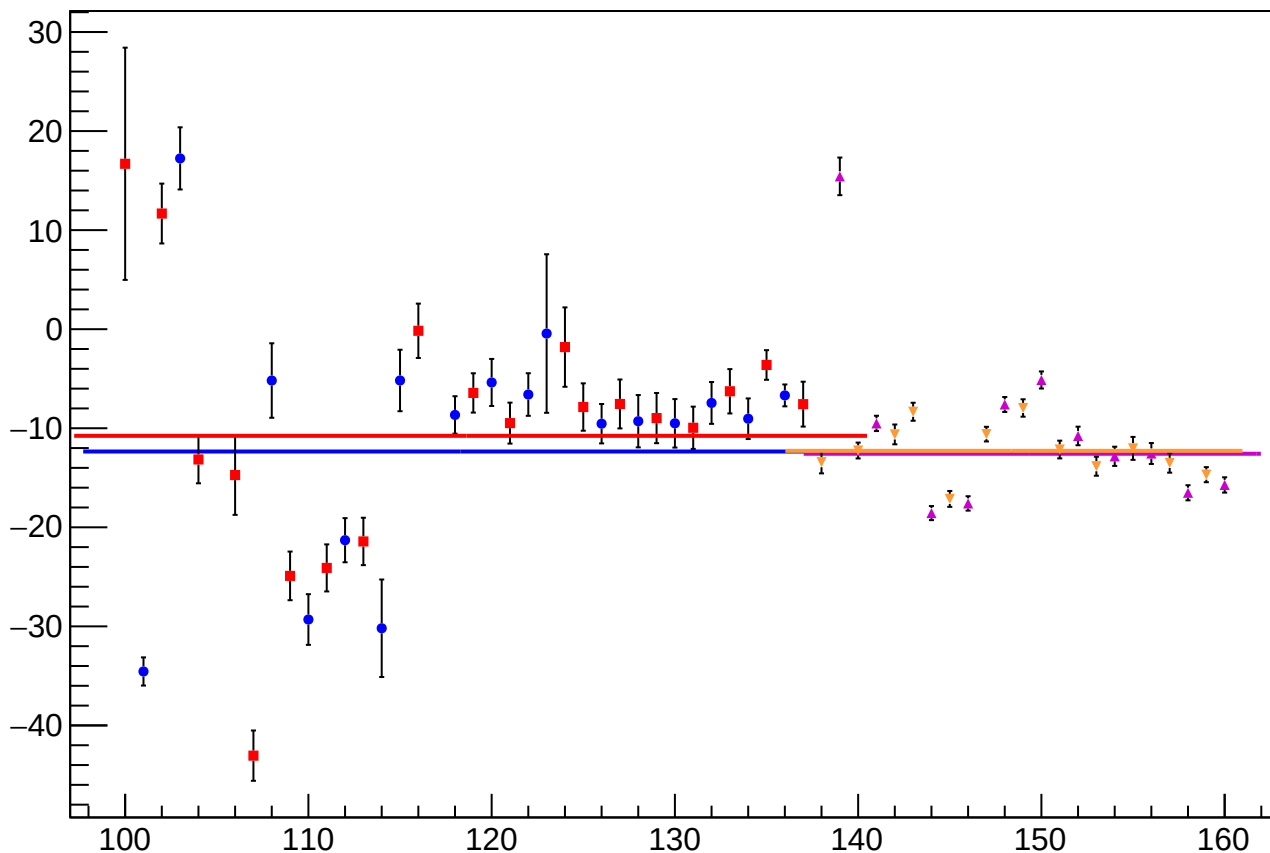
Left In: -73.667 ± 0.309 χ^2/NDF : 434.4/10

+ sign -68.178 ± 0.292 χ^2/NDF : 1663.3/28

All: -69.215 ± 0.206 χ^2/NDF : 3369.9/58

- 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: -12.280 ± 0.258 χ^2/NDF : 102.8/11

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

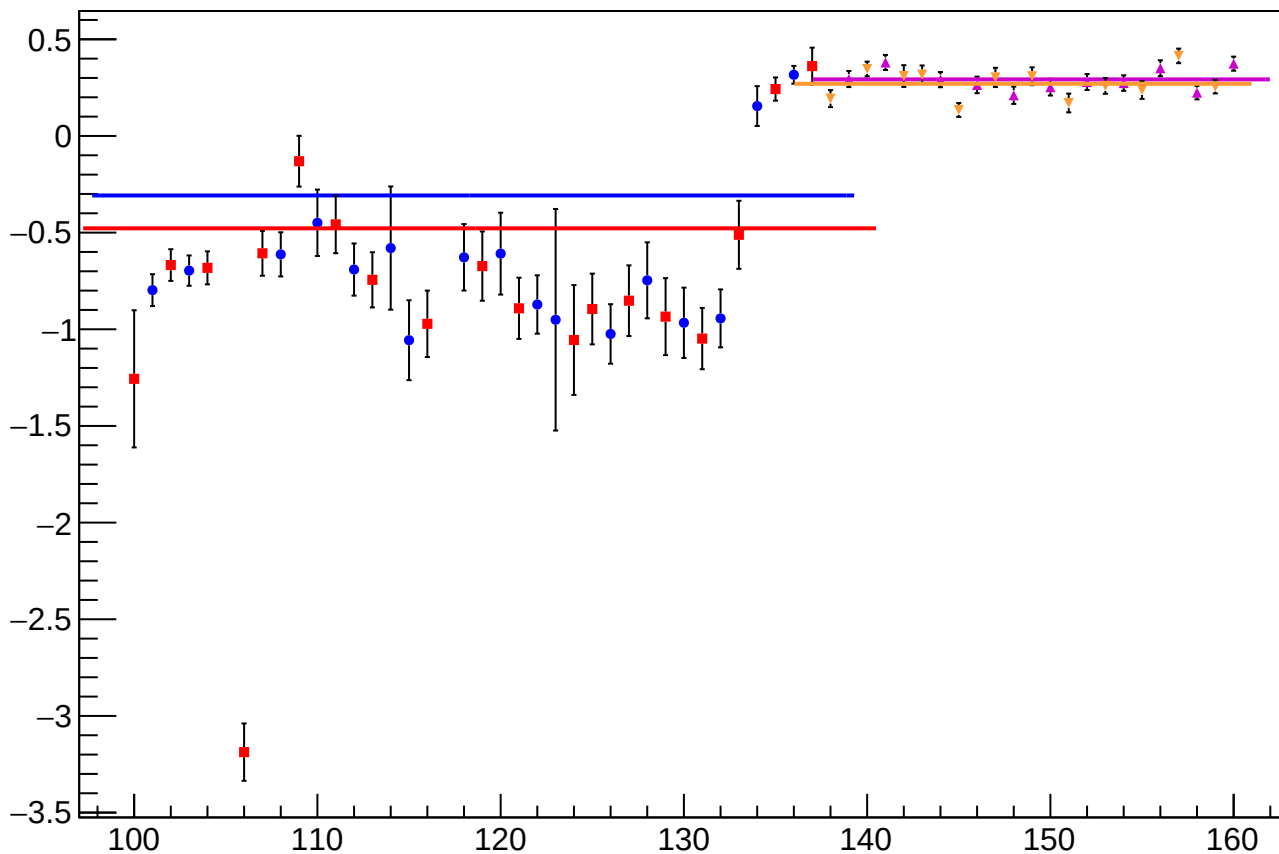
Left In: -12.574 ± 0.255 χ^2/NDF : 516.8/10

+ sign -12.293 ± 0.231 χ^2/NDF : 578.7/28

All: -12.276 ± 0.163 χ^2/NDF : 1471.0/58

- 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: 0.270 ± 0.012 χ^2/NDF : 43.6/11

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

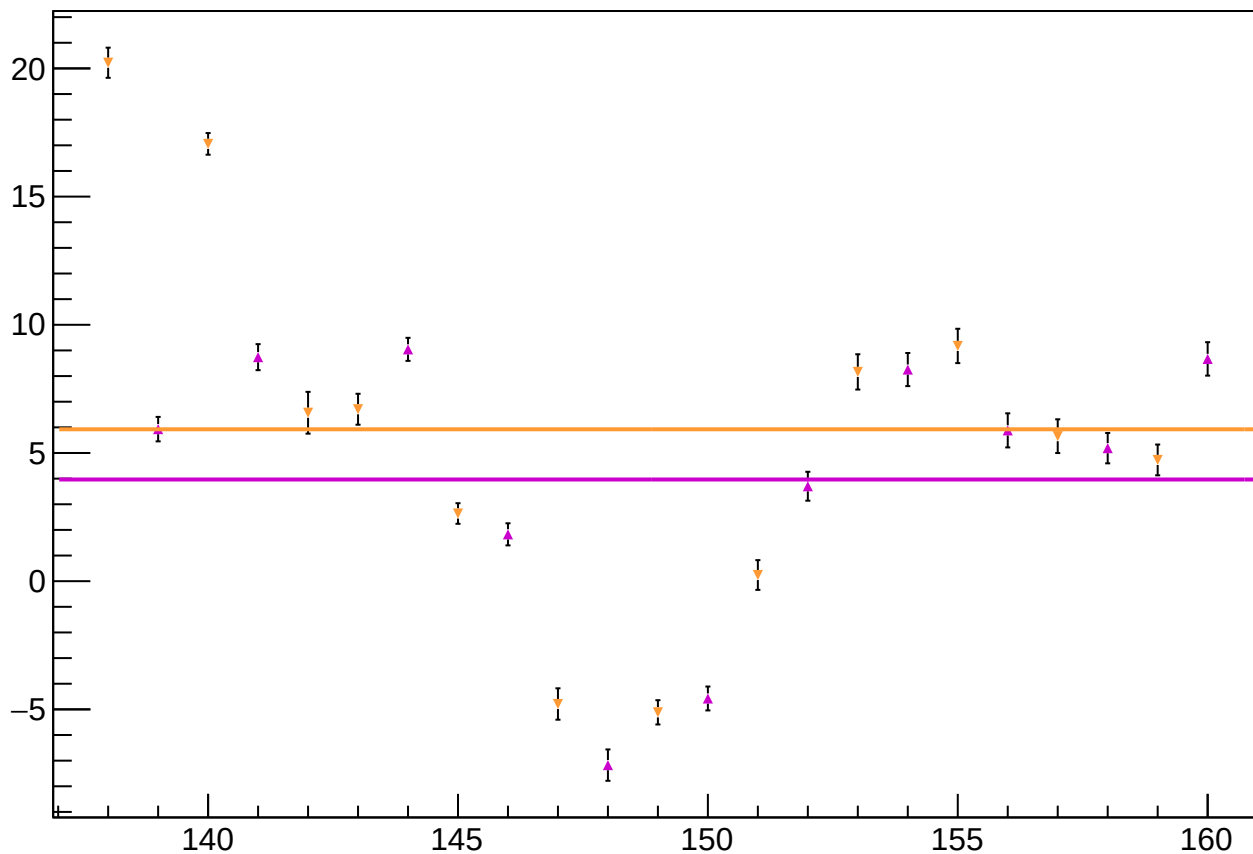
Left In: 0.293 ± 0.012 χ^2/NDF : 20.9/10

+ sign 0.174 ± 0.011 χ^2/NDF : 783.6/28

All: 0.175 ± 0.008 χ^2/NDF : 2053.8/58

- sign 0.175 ± 0.011 χ^2/NDF : 1270.1/29

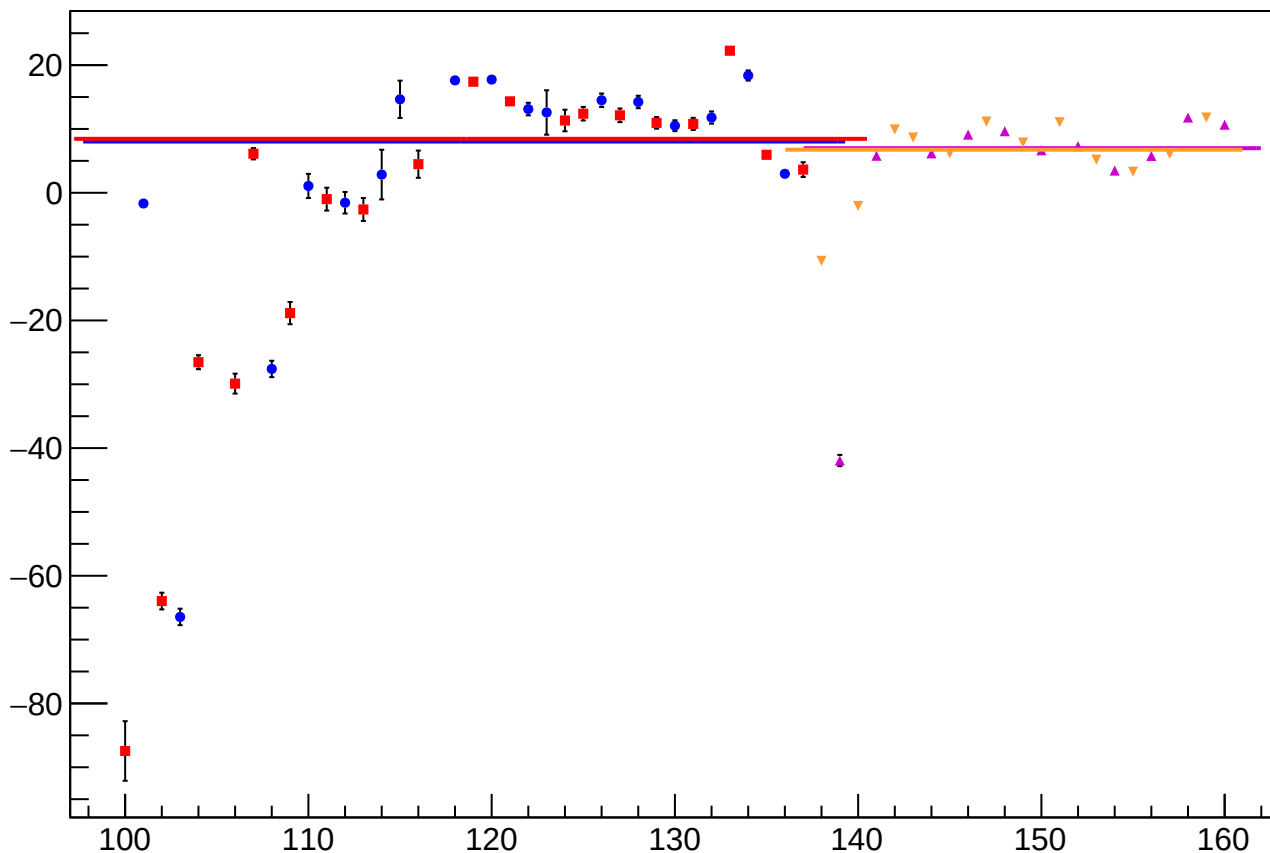
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 5.924 ± 0.161 $\chi^2/\text{NDF}: 2340.0/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 3.966 ± 0.160 $\chi^2/\text{NDF}: 1033.7/10$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 4.940 ± 0.114 $\chi^2/\text{NDF}: 3447.9/22$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 6.751 ± 0.112 χ^2/NDF : 2158.5/11

Right Out: 8.454 ± 0.213 χ^2/NDF : 6704.4/18

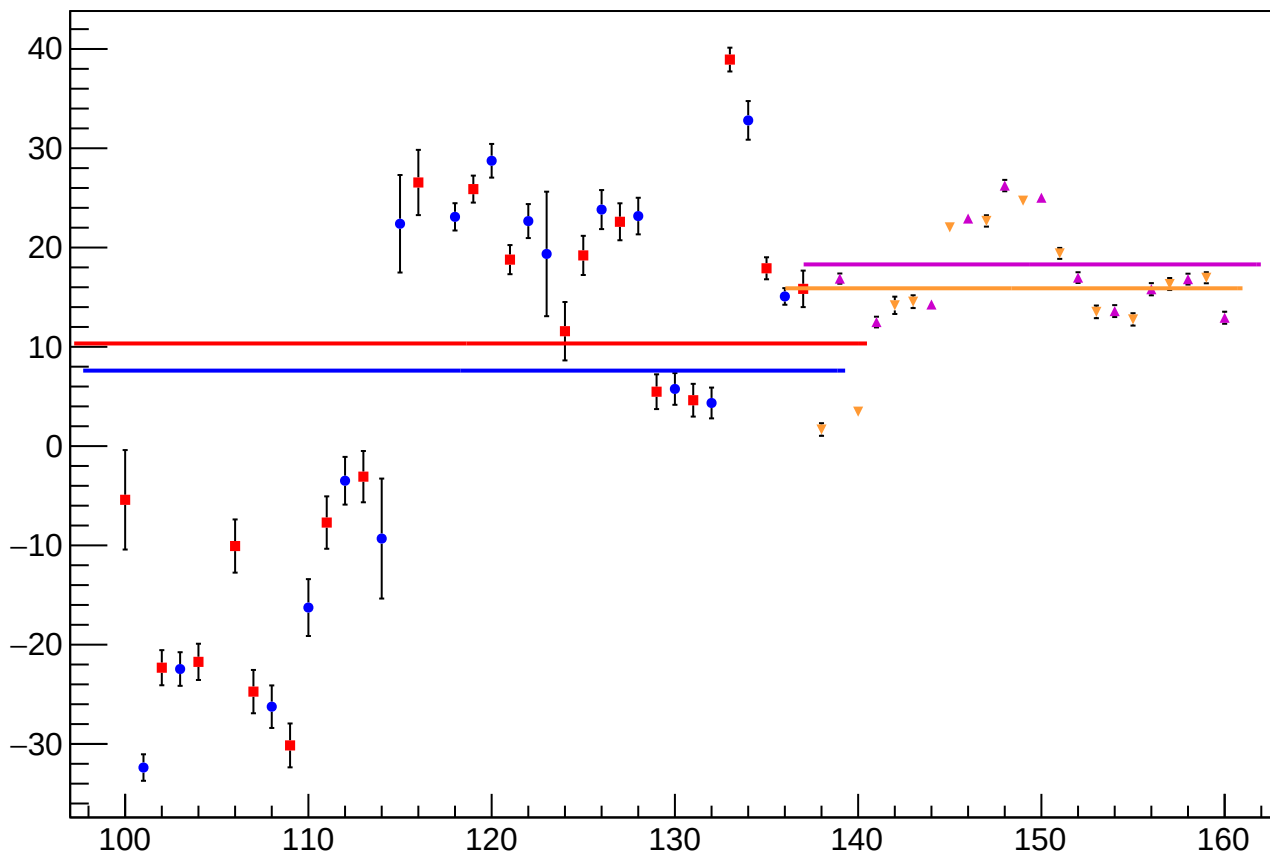
Left In: 6.988 ± 0.112 χ^2/NDF : 3531.2/10

+ sign 7.025 ± 0.099 χ^2/NDF : 7556.0/28

All: 7.166 ± 0.070 χ^2/NDF : 17832.5/58

- 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 $\chi^2/\text{NDF}: 2325.0/16$

Left Out: 15.895 ± 0.160 $\chi^2/\text{NDF}: 2100.0/11$

Right Out: 10.337 ± 0.416 $\chi^2/\text{NDF}: 2281.8/18$

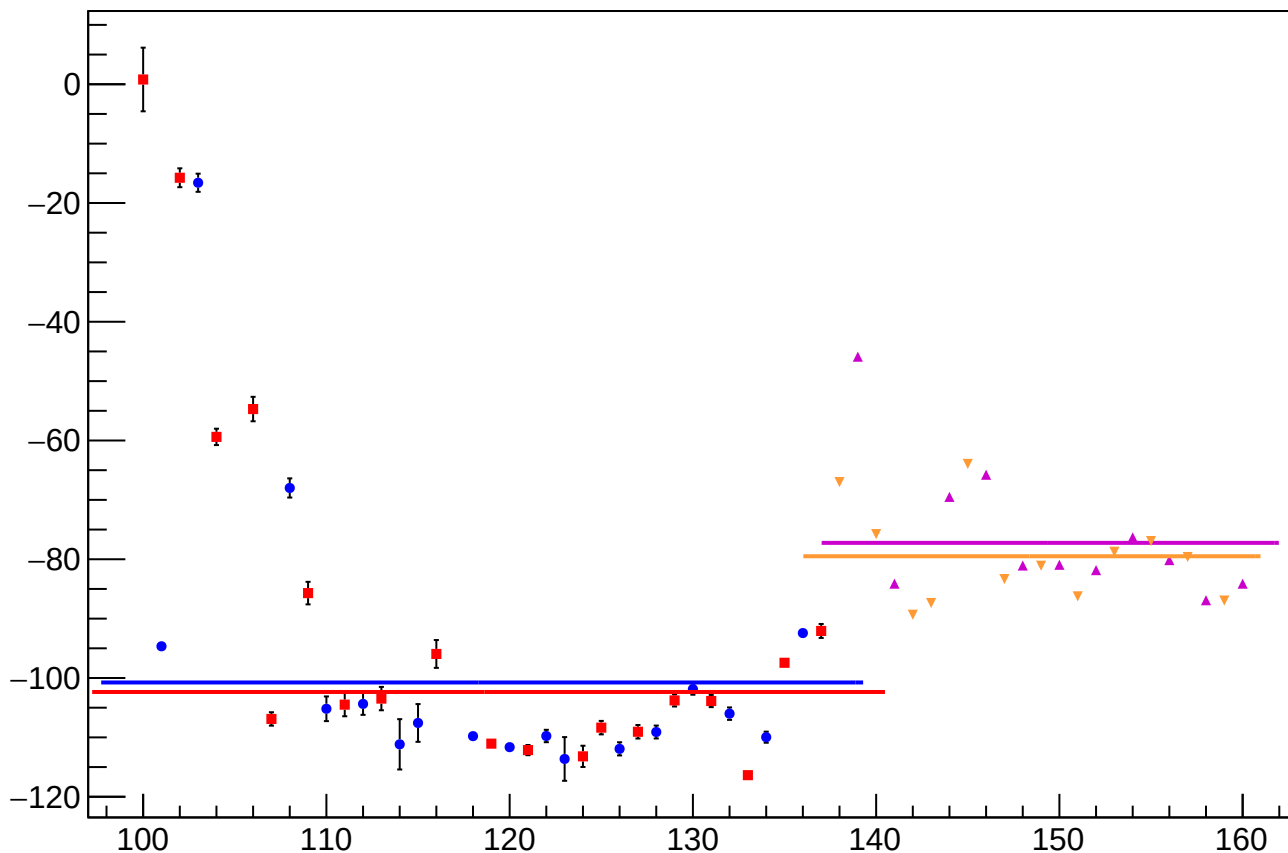
Left In: 18.300 ± 0.157 $\chi^2/\text{NDF}: 916.7/10$

+ sign 14.826 ± 0.149 $\chi^2/\text{NDF}: 4771.4/28$

All: 16.087 ± 0.105 $\chi^2/\text{NDF}: 8430.5/58$

- sign 17.309 ± 0.147 $\chi^2/\text{NDF}: 3518.6/29$

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: -79.496+/-0.134 χ^2/NDF : 3262.3/11

Right Out: -102.354+/-0.246 χ^2/NDF : 6078.9/18

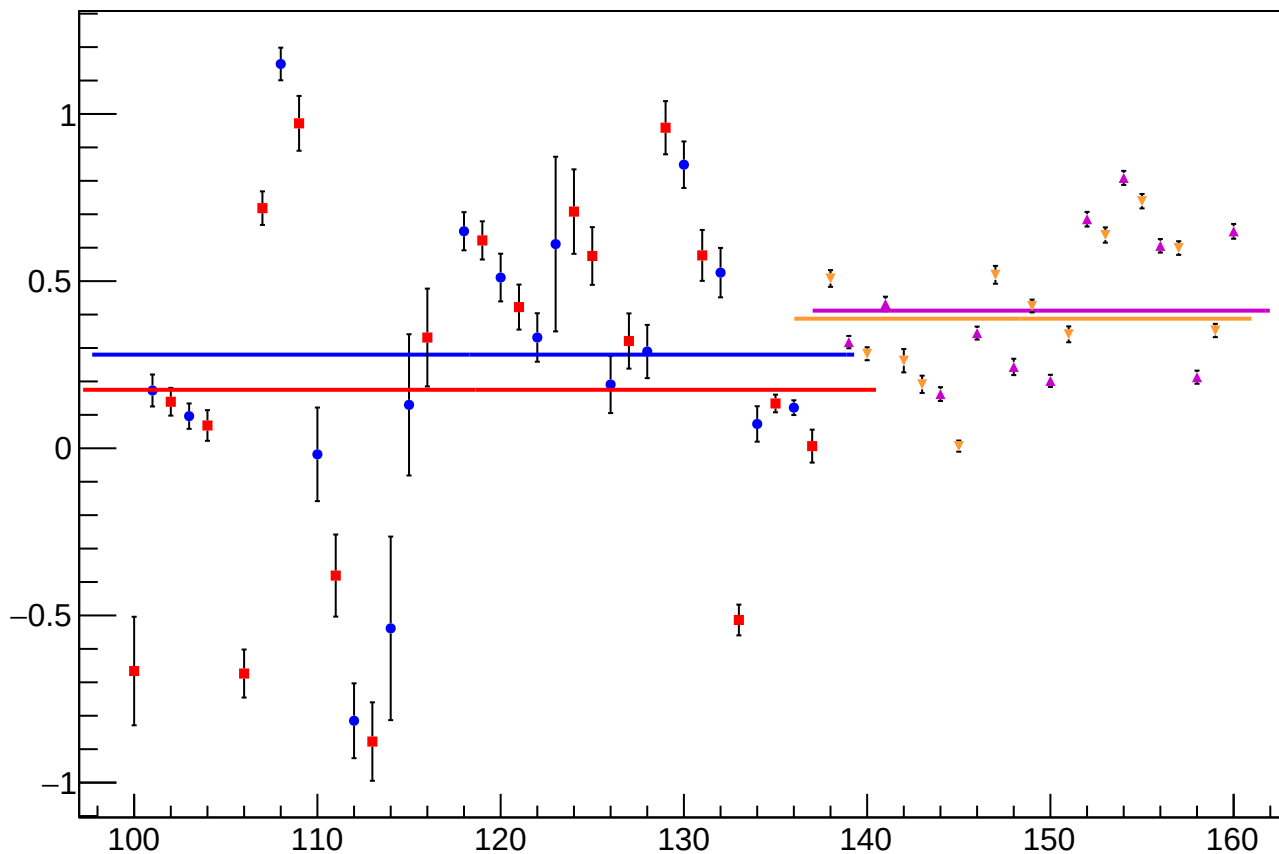
Left In: -77.238+/-0.133 χ^2/NDF : 4167.6/10

+ sign -84.301+/-0.118 χ^2/NDF : 13470.5/28

All: -83.597+/-0.083 χ^2/NDF : 31845.3/58

- 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: 0.388 ± 0.006 χ^2/NDF : 1173.9/11

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

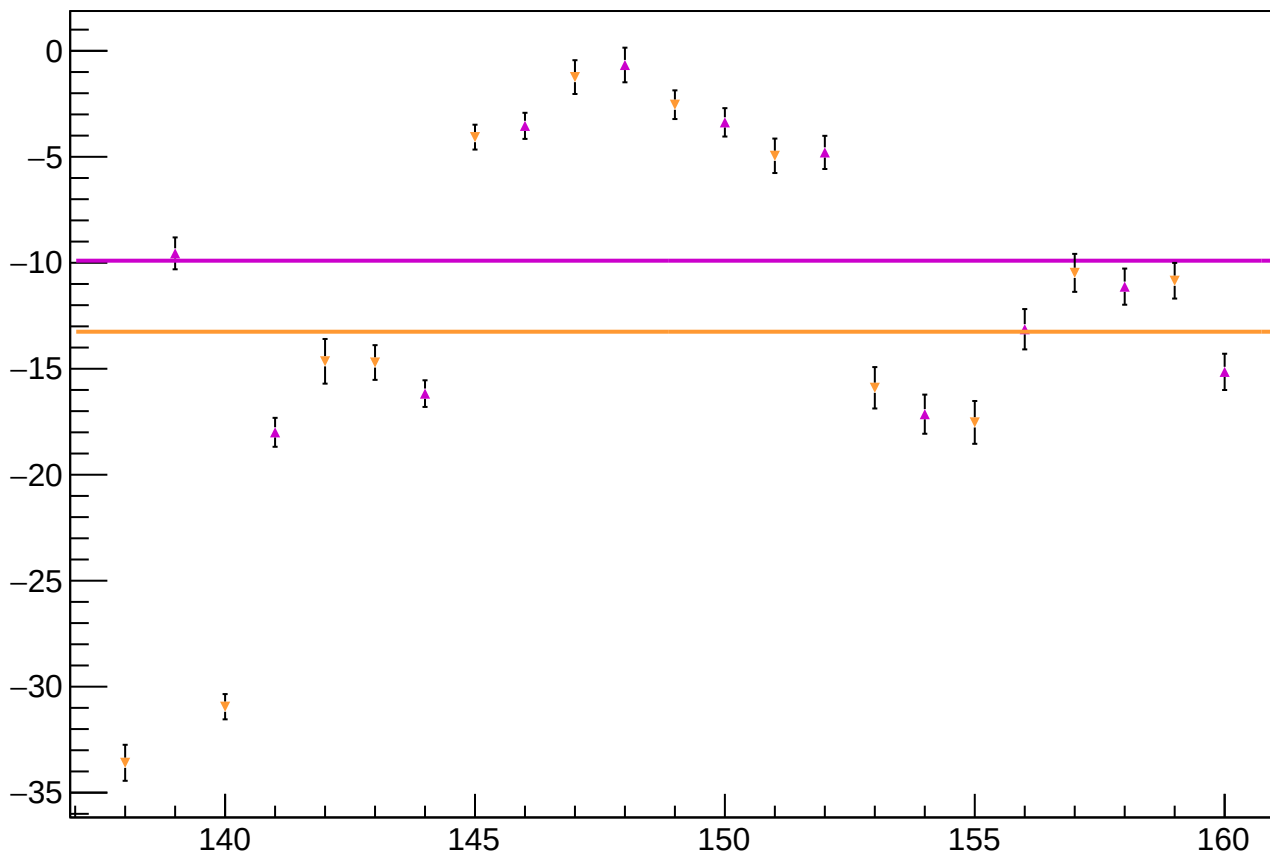
Left In: 0.412 ± 0.006 χ^2/NDF : 1184.0/10

+ sign 0.368 ± 0.006 χ^2/NDF : 1882.2/28

All: 0.369 ± 0.004 χ^2/NDF : 4288.9/58

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -13.252 $\pm$ 0.227 χ^2 /NDF:2329.4/11

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

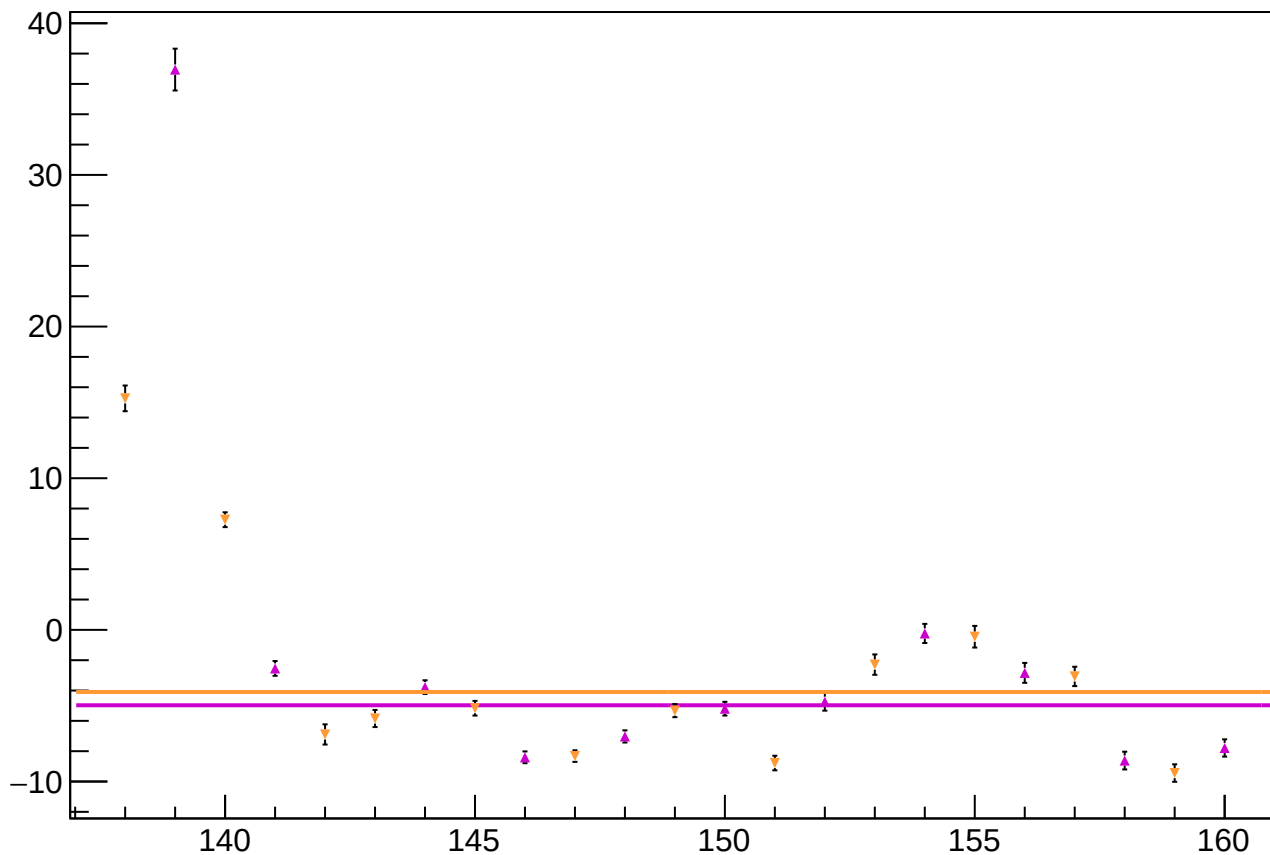
Left In: -9.901 $\pm$ 0.227 χ^2 /NDF:725.1/10

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

All: -11.577 $\pm$ 0.160 χ^2 /NDF: 3163.7/22

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

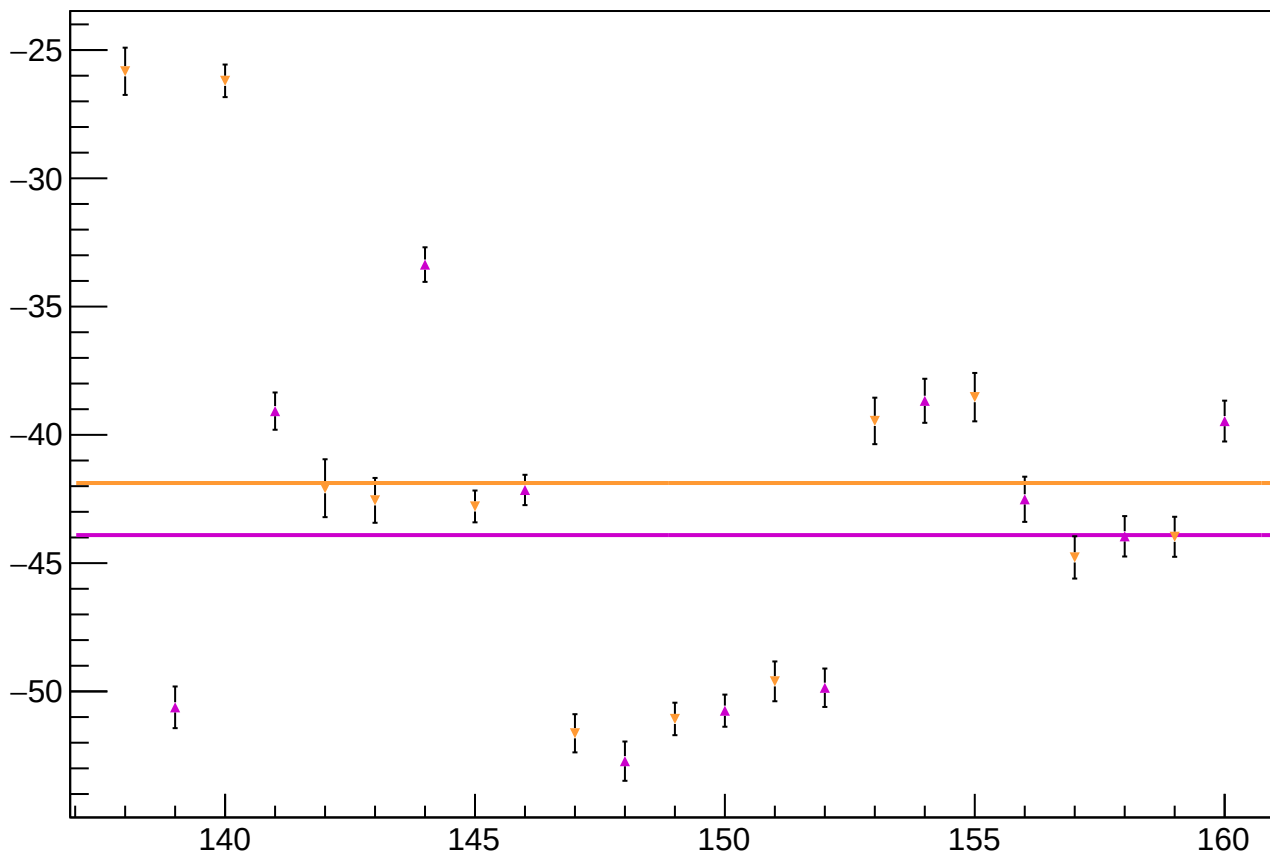
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.095+/-0.155 χ^2/NDF :1442.1/11
 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: -4.532+/-0.110 χ^2/NDF : 2648.4/22
 - 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: -41.877+/-0.225 χ^2/NDF : 1437.6/11

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

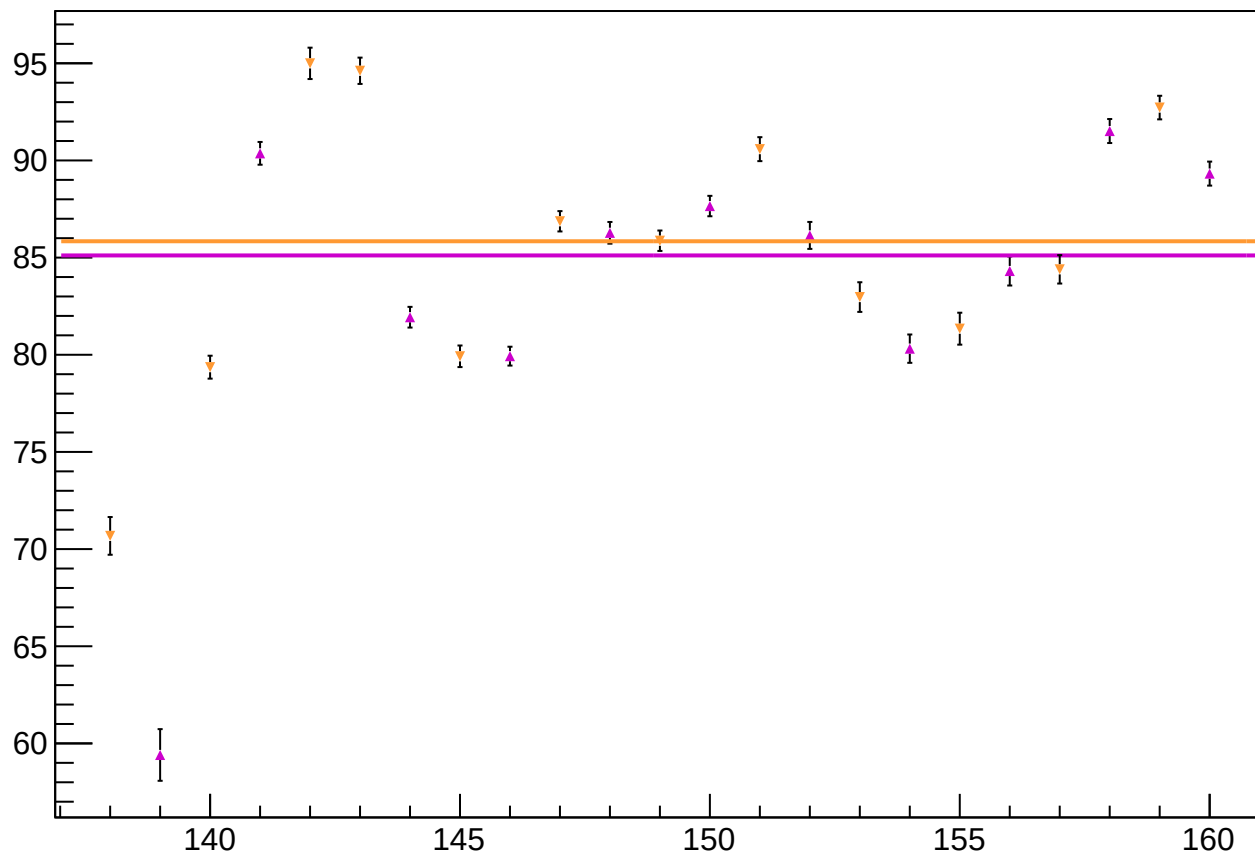
Left In: -43.907+/-0.222 χ^2/NDF : 752.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.906+/-0.158 χ^2/NDF : 2230.9/22

- 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: 85.841+/-0.187 χ^2/NDF :1014.3/11

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

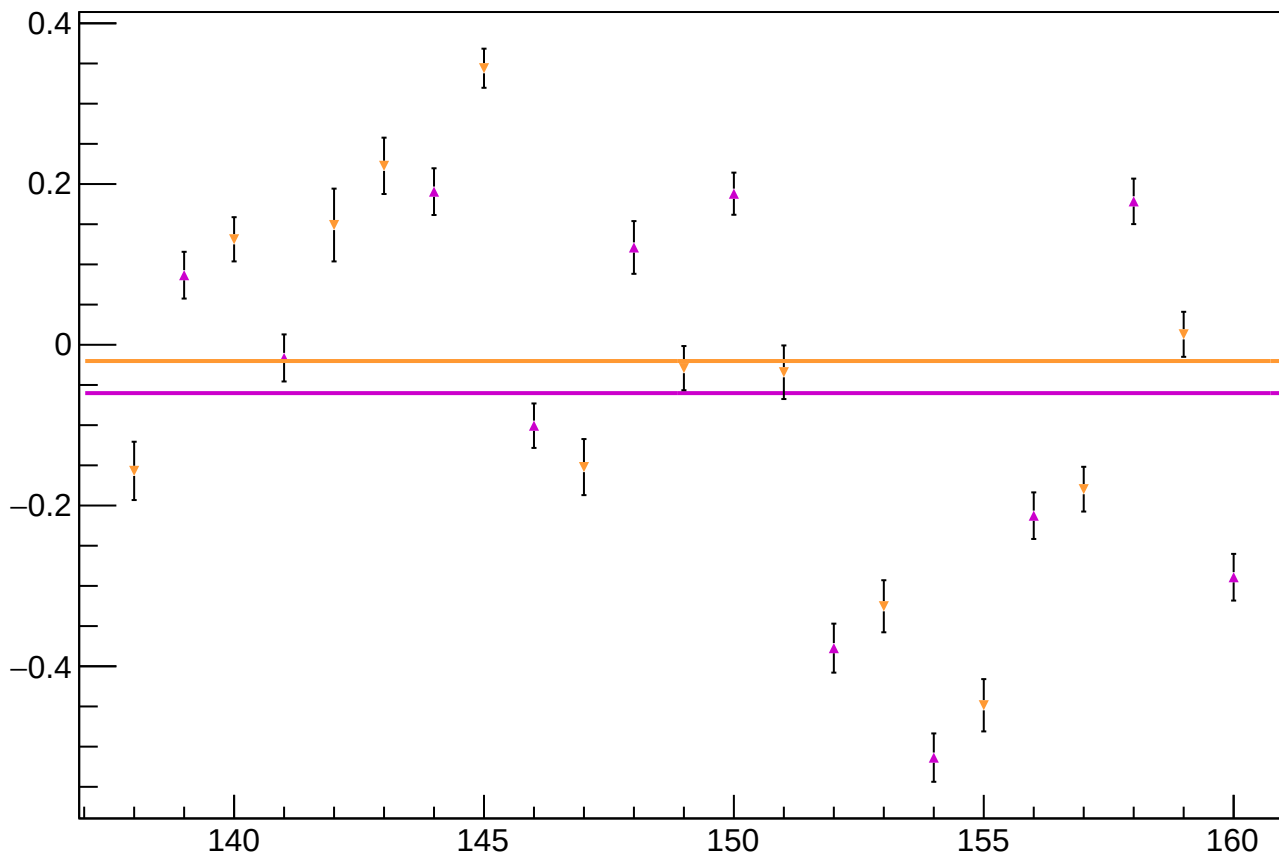
Left In: 85.112+/-0.185 χ^2/NDF :832.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.473+/-0.132 χ^2/NDF : 1854.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.020+/-0.009 χ^2/NDF : 641.2/11

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

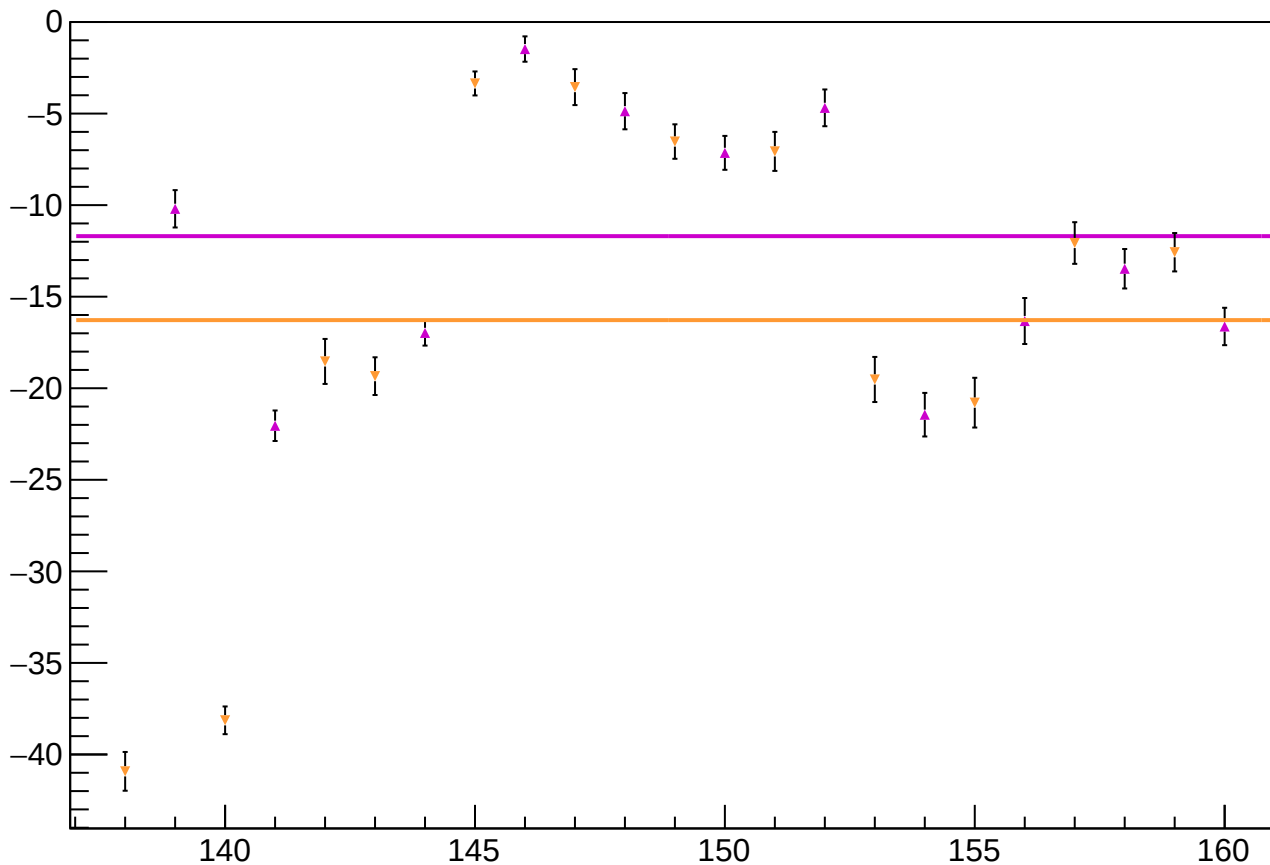
Left In: -0.060+/-0.009 χ^2/NDF : 720.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.041+/-0.006 χ^2/NDF : 1372.2/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.280 $\pm$ 0.283 χ^2 /NDF: 2171.7/11

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

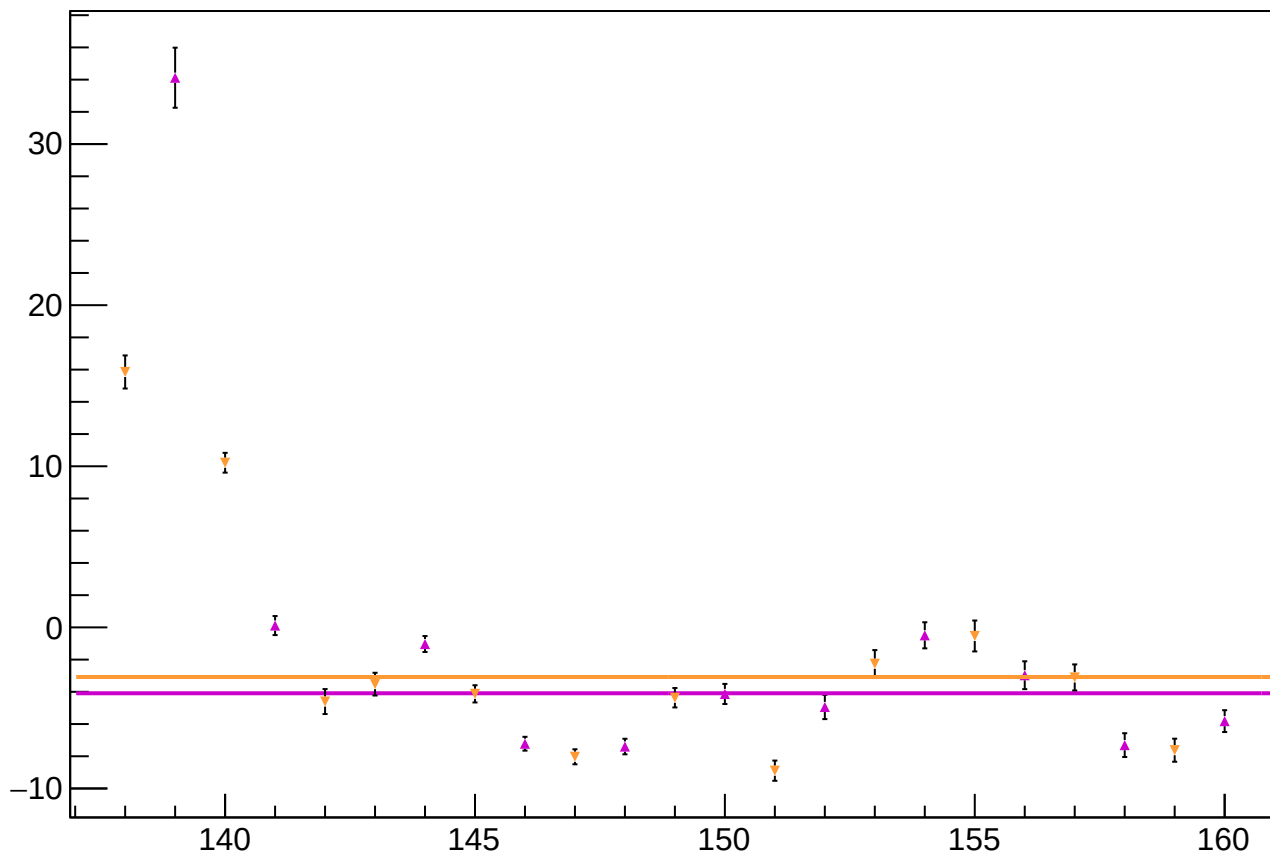
Left In: -11.694 $\pm$ 0.278 χ^2 /NDF: 659.7/10

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

All: -13.951 $\pm$ 0.198 χ^2 /NDF: 2965.0/22

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

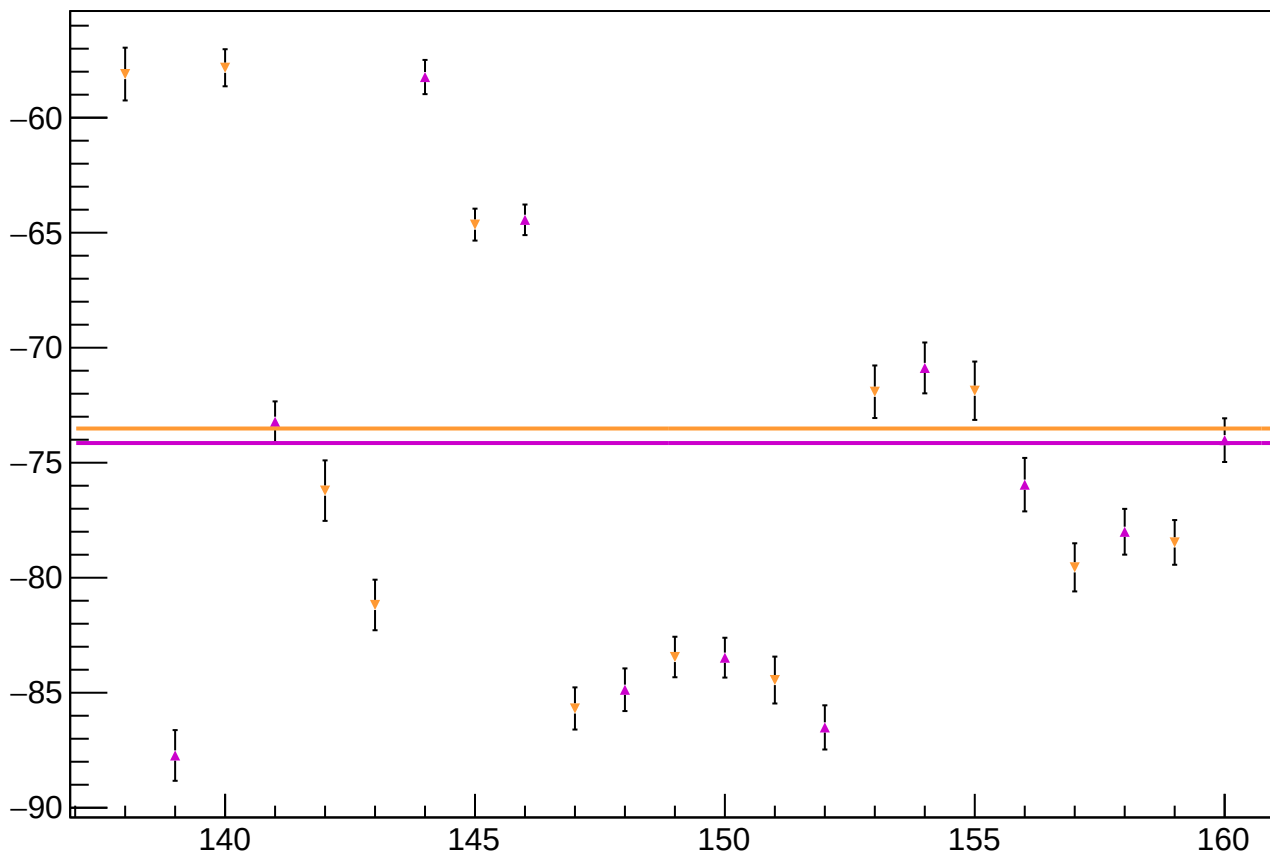
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.080 $\pm$ 0.194 χ^2 /NDF:1067.8/11
 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: -3.599 $\pm$ 0.135 χ^2 /NDF: 1738.7/22
 - 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: -73.513+/-0.282 χ^2/NDF :1256.7/11

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

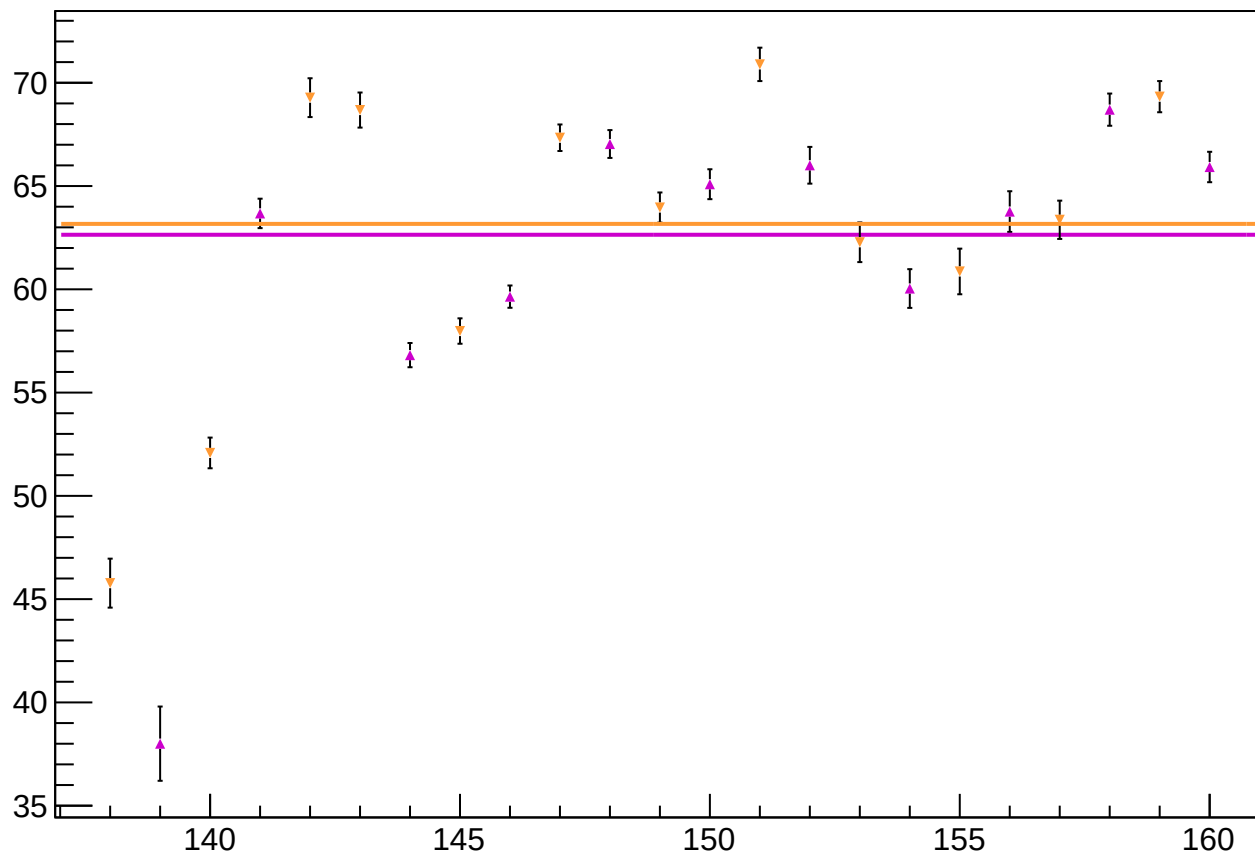
Left In: -74.145+/-0.273 χ^2/NDF :1265.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.839+/-0.196 χ^2/NDF : 2524.9/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

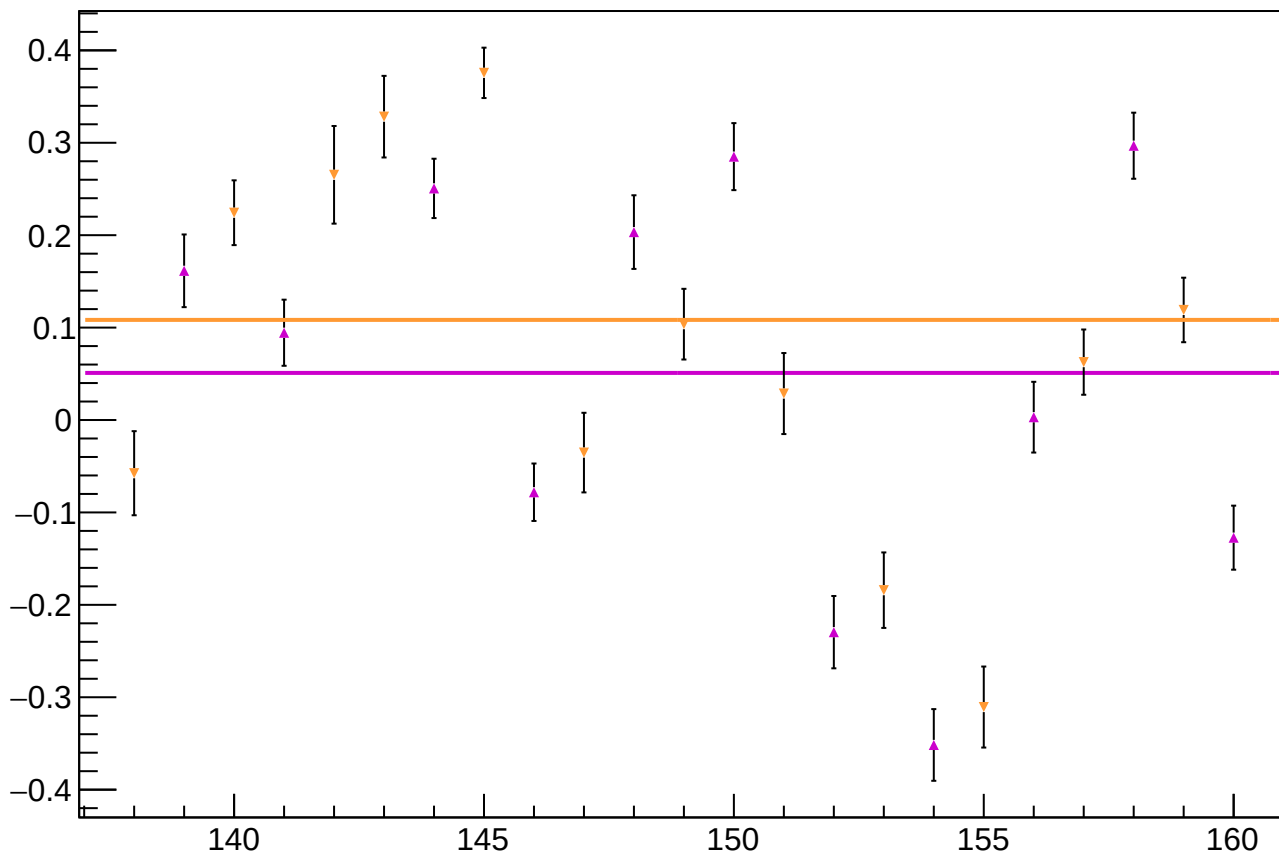
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 63.167+/-0.233 χ^2/NDF : 800.0/11
 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: 62.895+/-0.162 χ^2/NDF : 1279.6/22
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

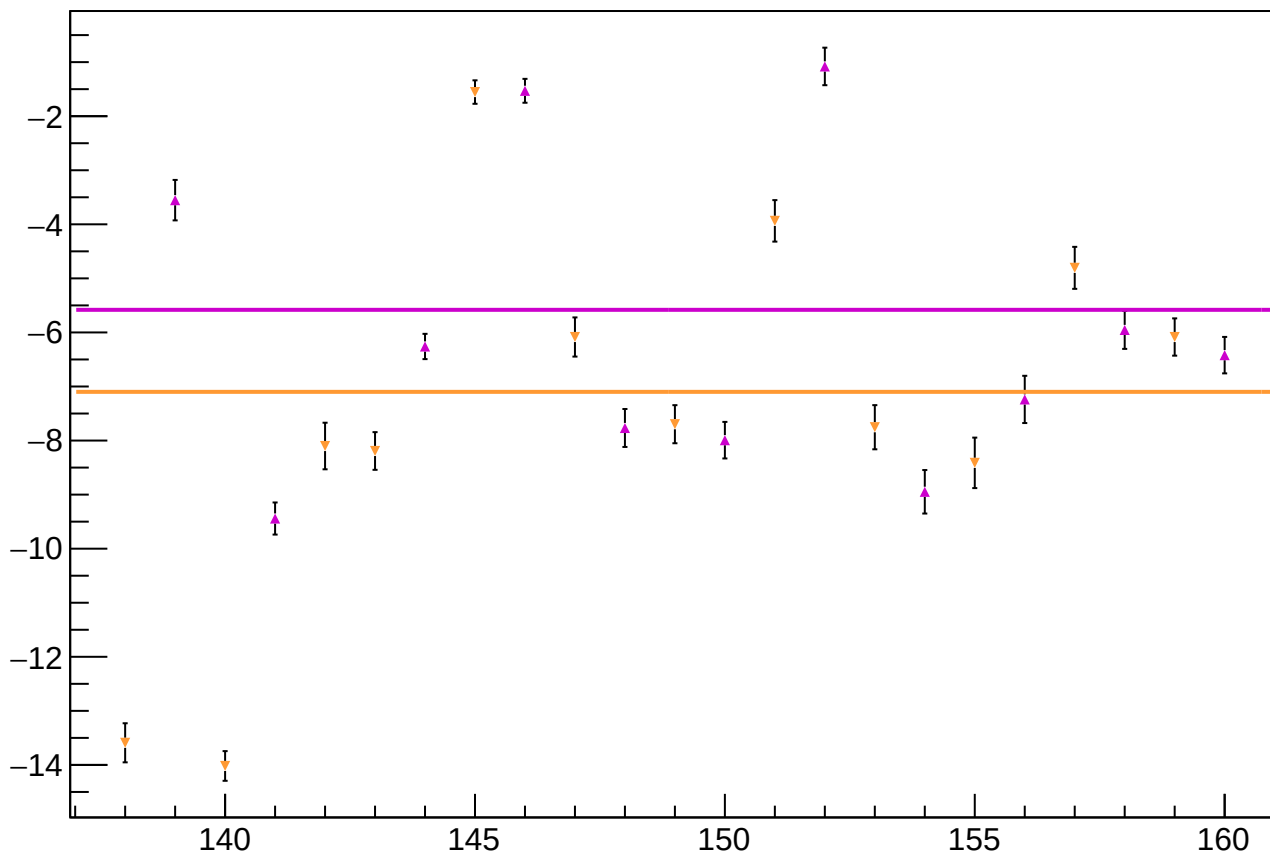
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.108 $\pm$ 0.011 χ^2 /NDF:312.9/11
 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: 0.079 $\pm$ 0.008 χ^2 /NDF: 682.5/22
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

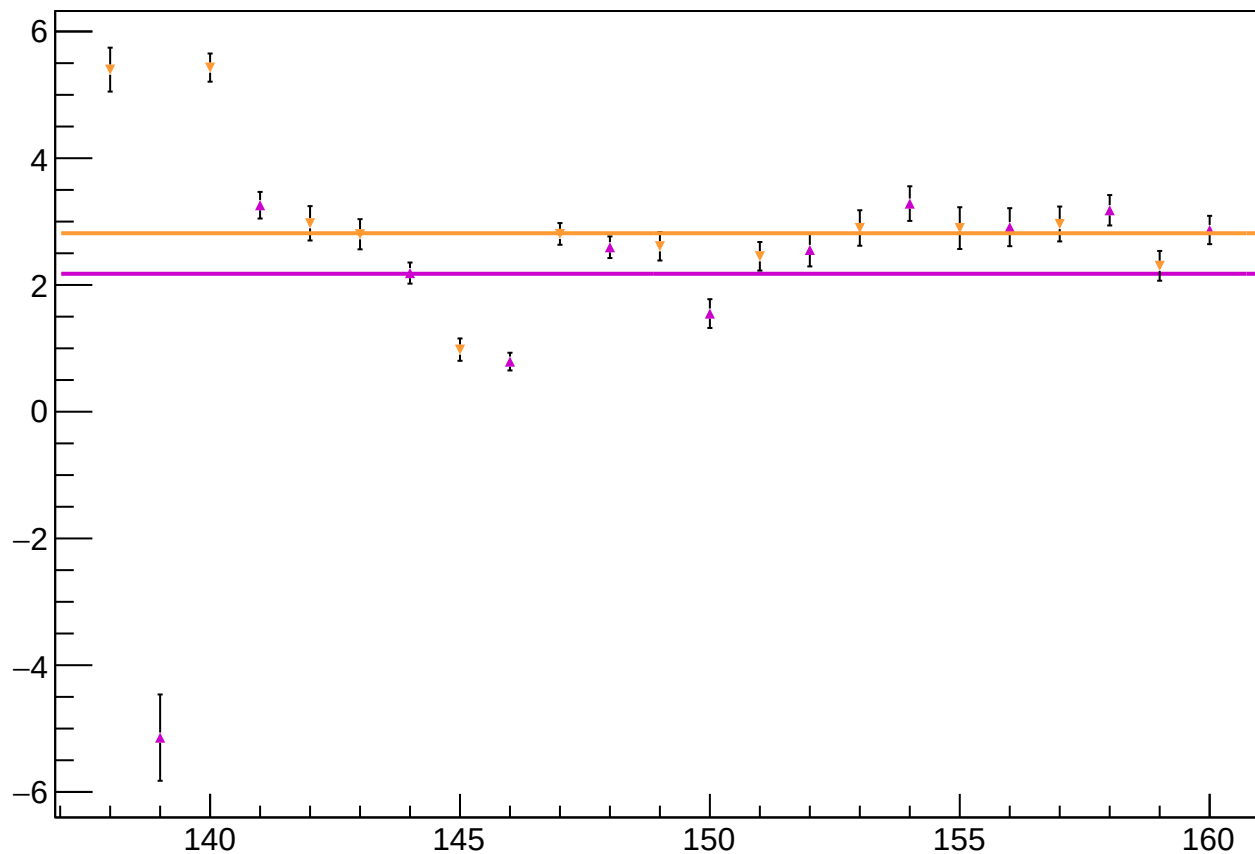
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.099+/-0.098 χ^2/NDF : 1758.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.582+/-0.095 χ^2/NDF : 892.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.316+/-0.068 χ^2/NDF : 2774.6/22
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

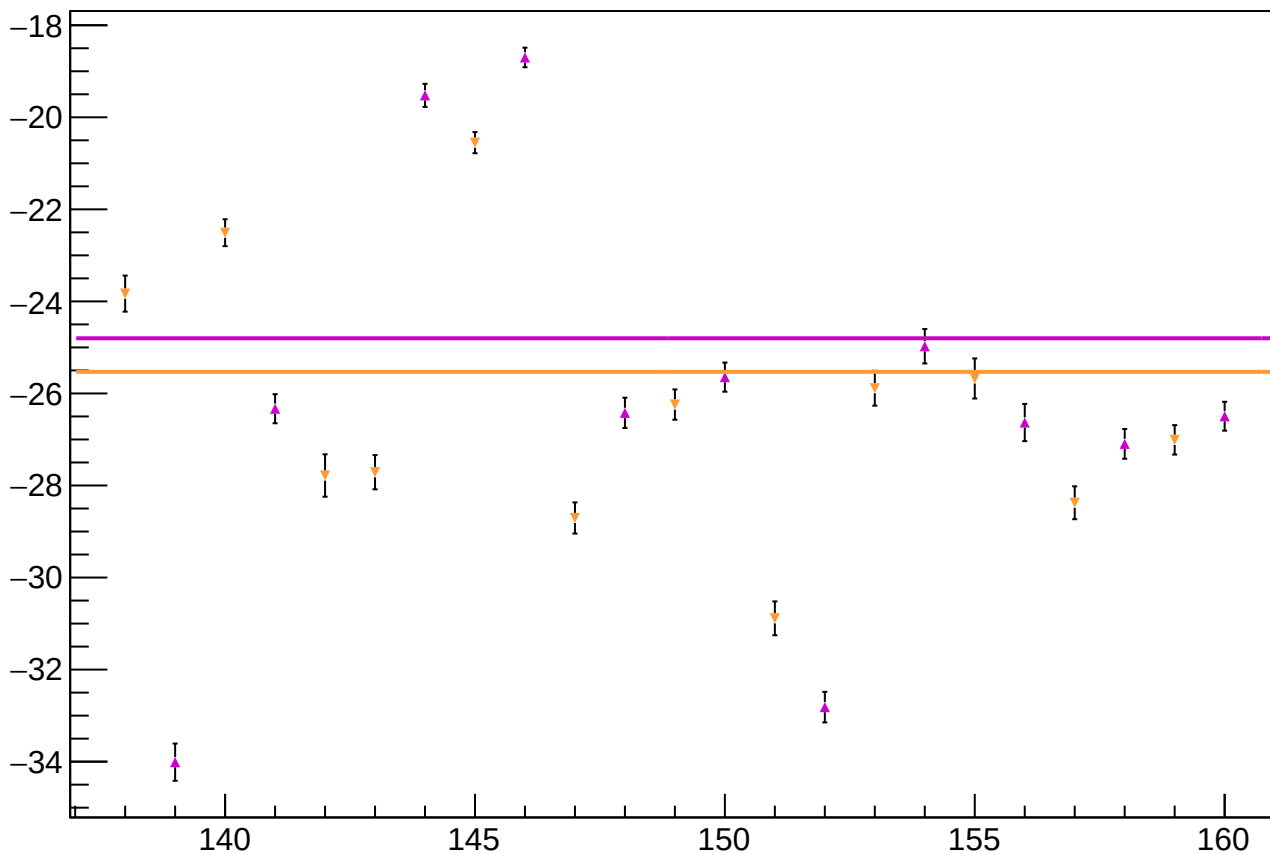
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.816 $\pm$ 0.068 χ^2 /NDF:311.2/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.177 $\pm$ 0.064 χ^2 /NDF:305.7/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.480 $\pm$ 0.047 χ^2 /NDF: 664.0/22
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -25.530+/-0.098 χ^2/NDF :1042.1/11

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

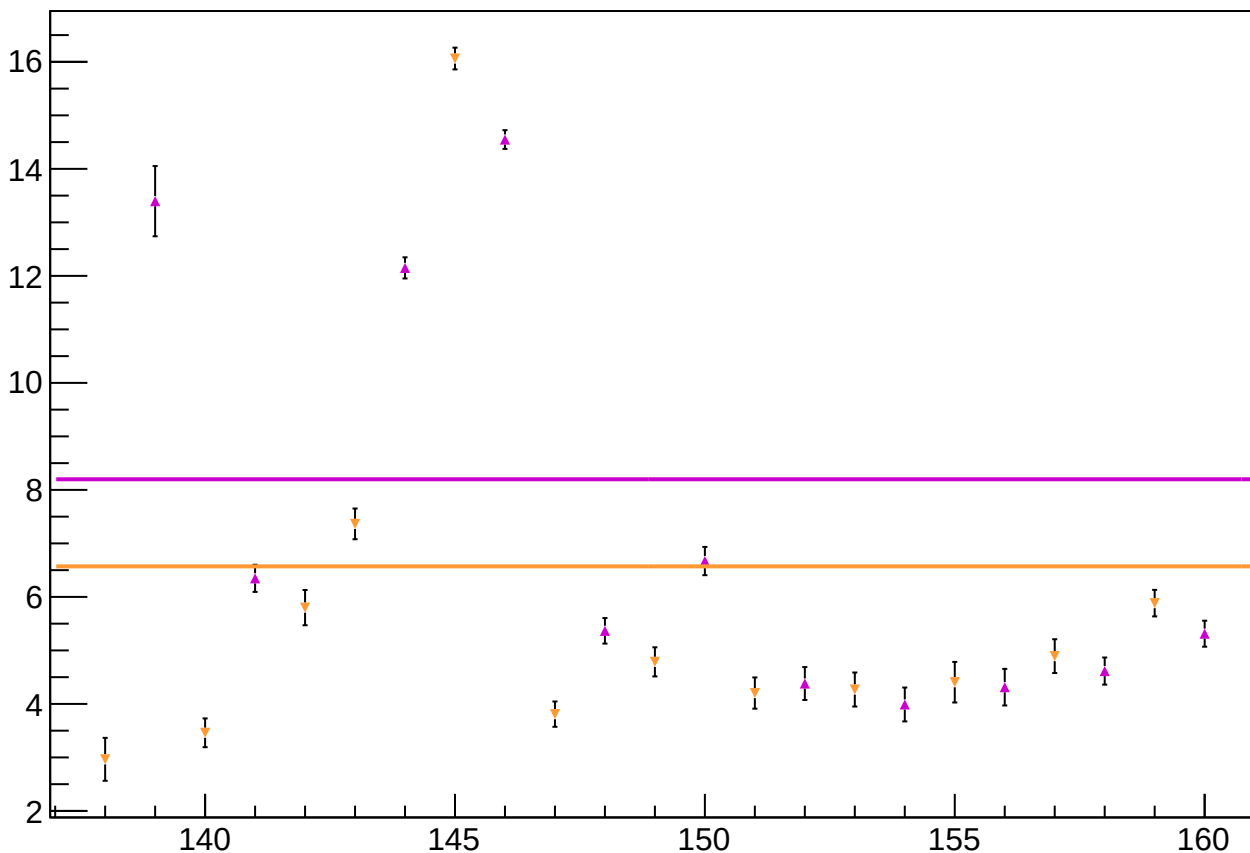
Left In: -24.802+/-0.093 χ^2/NDF :2523.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.147+/-0.067 χ^2/NDF : 3595.0/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

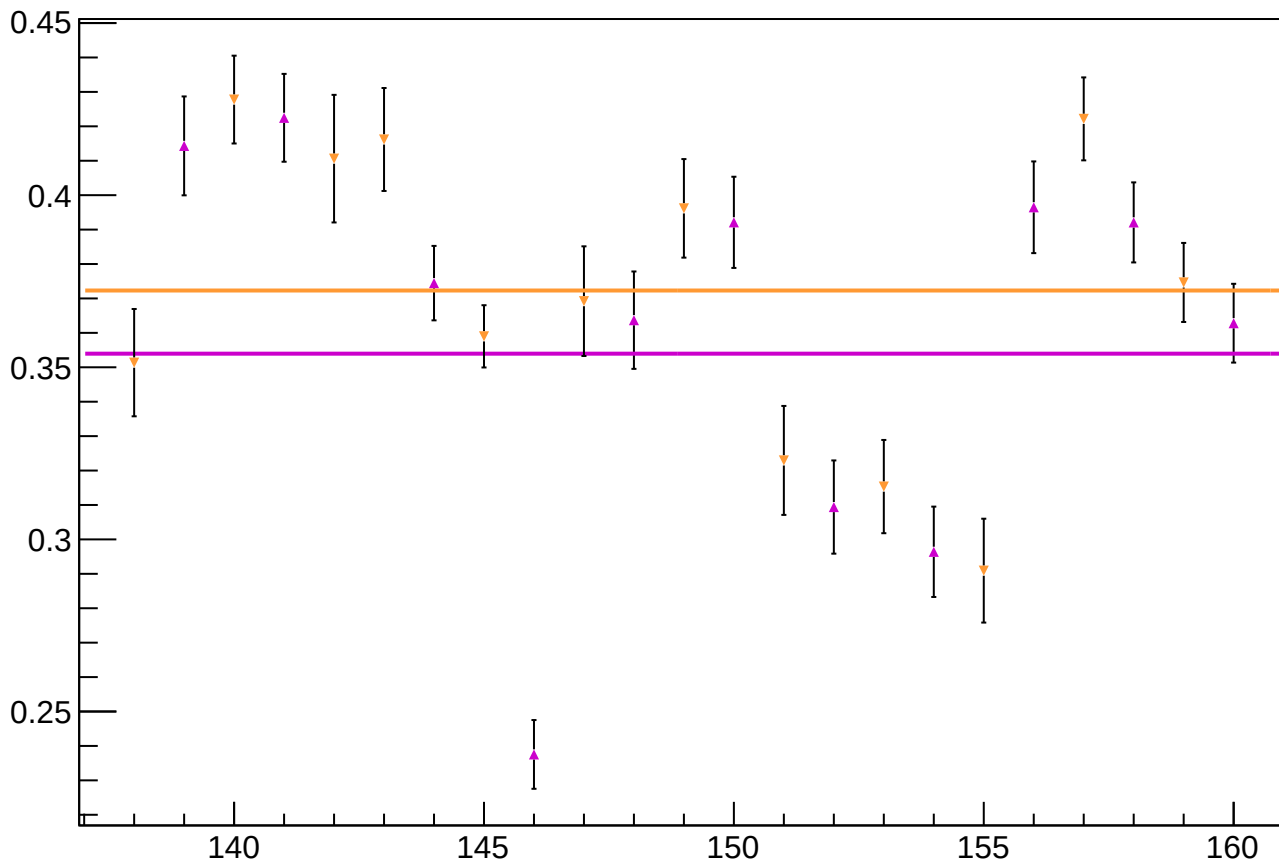
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.571+/-0.081 χ^2/NDF : 2774.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.199+/-0.077 χ^2/NDF : 2809.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.430+/-0.056 χ^2/NDF : 5796.7/22
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

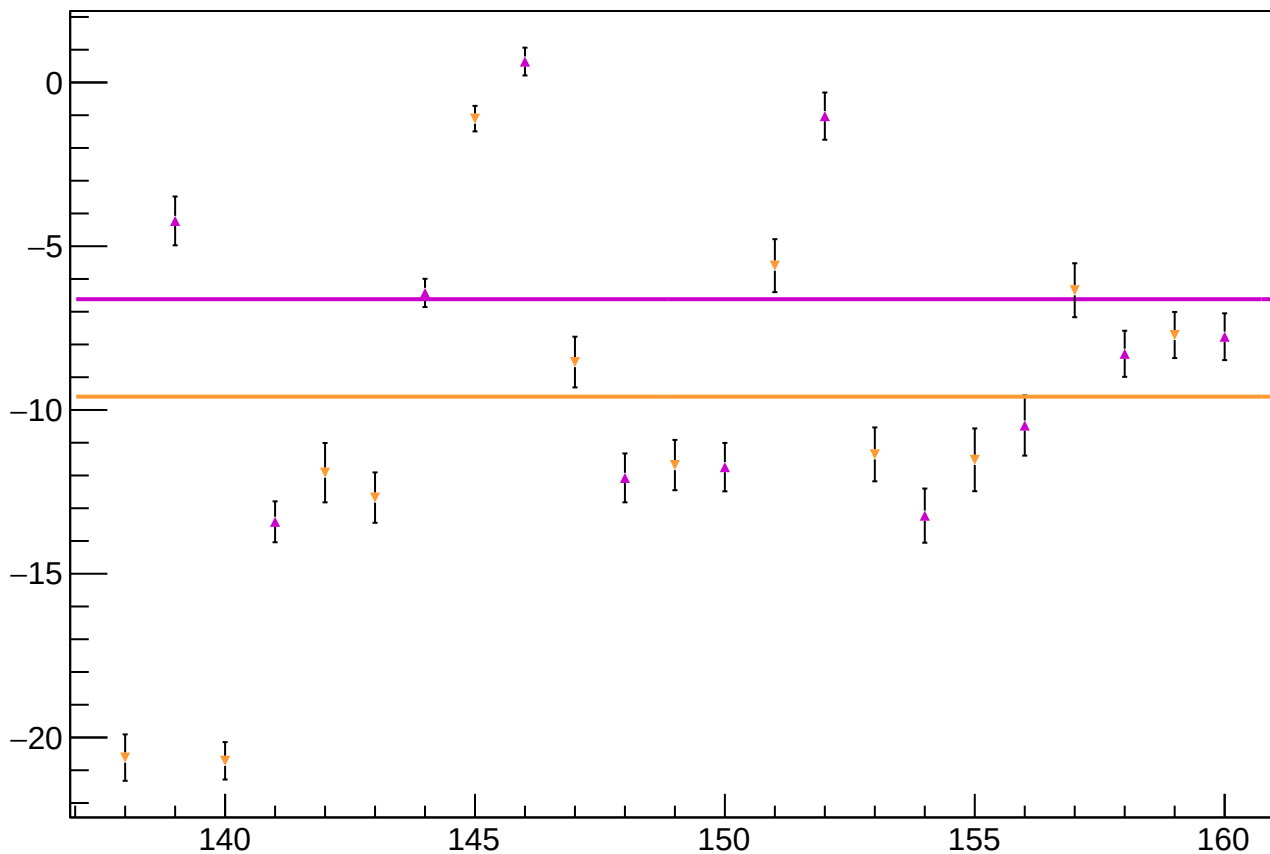
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.372 $\pm$ 0.004 χ^2 /NDF:112.3/11
 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: 0.363 $\pm$ 0.003 χ^2 /NDF: 370.3/22
 - 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: -9.593+/-0.198 χ^2/NDF : 1181.8/11

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

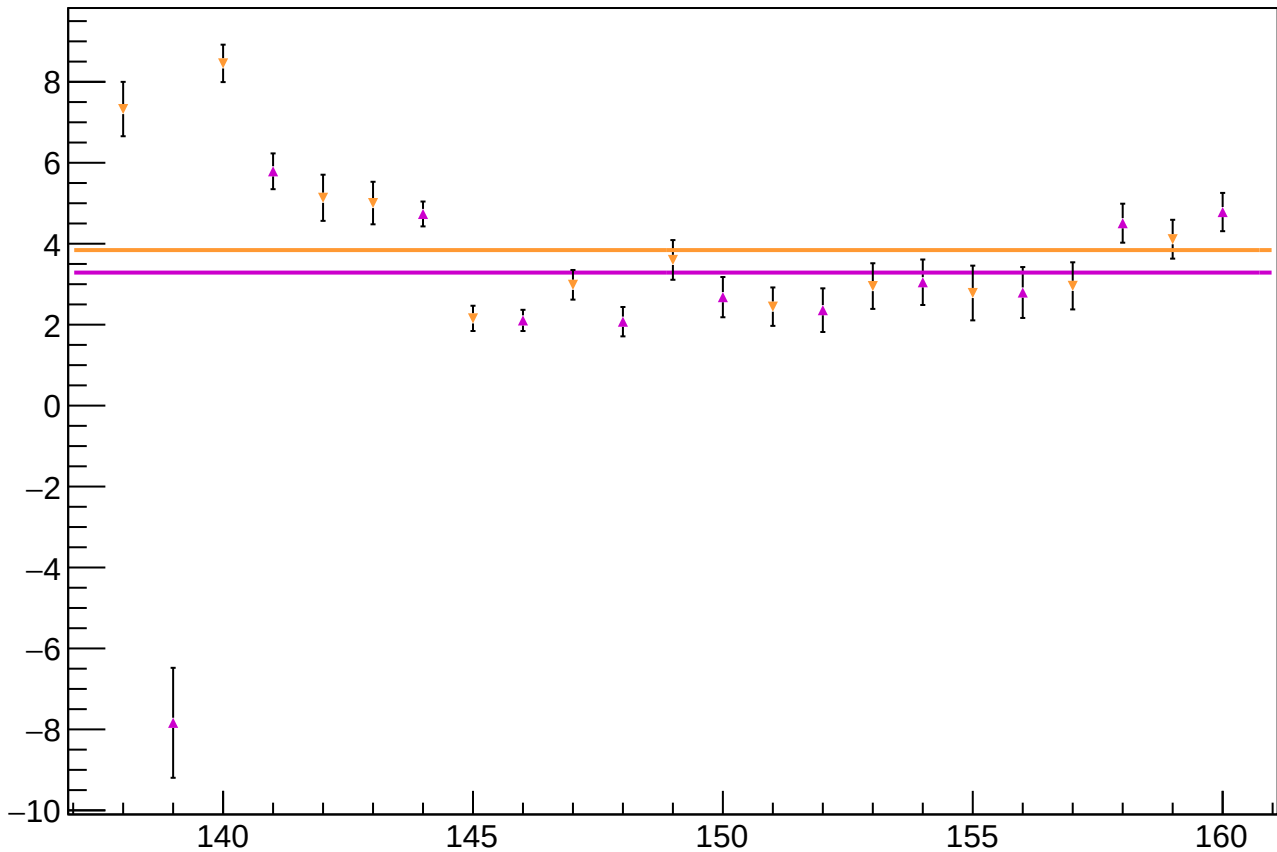
Left In: -6.618+/-0.191 χ^2/NDF : 672.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.050+/-0.137 χ^2/NDF : 1971.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

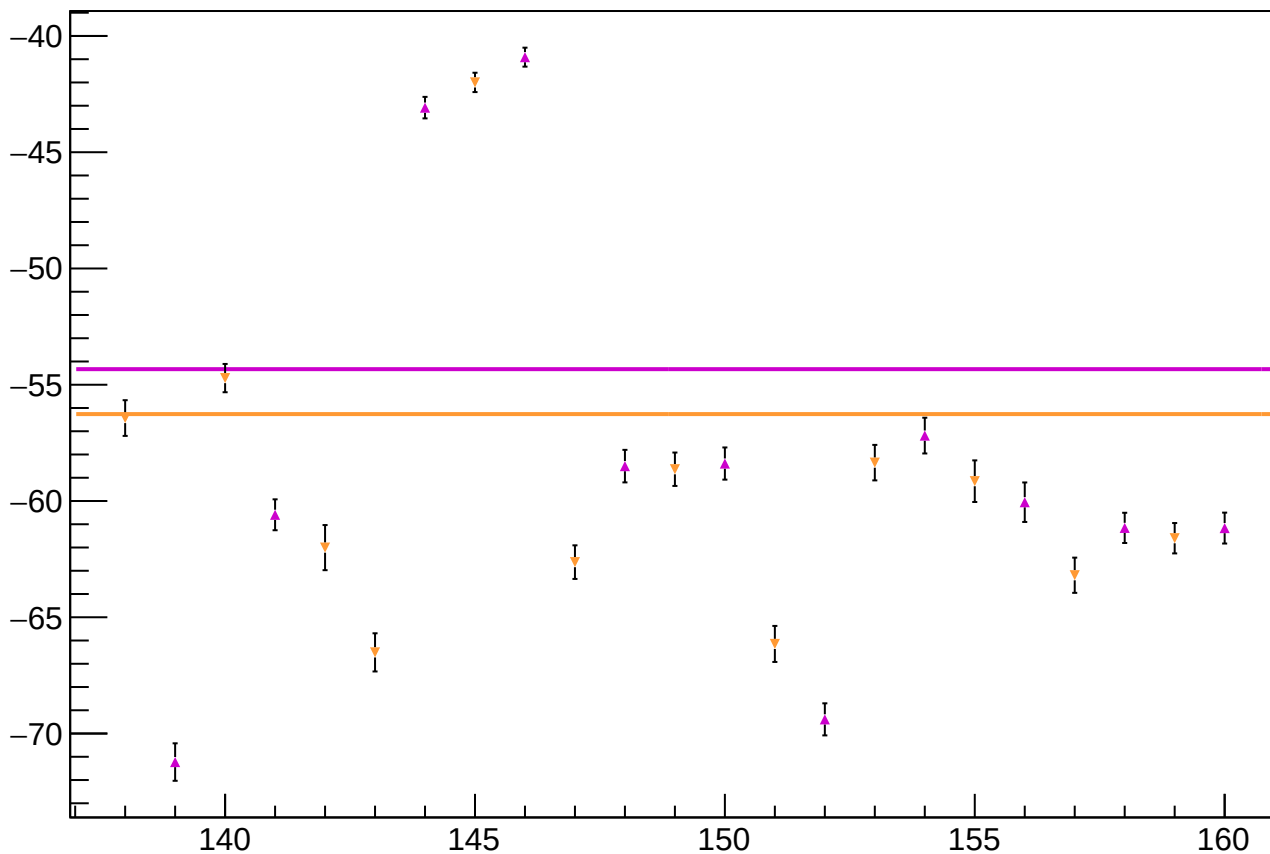
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.843 $\pm$ 0.138 χ^2 /NDF:187.7/11
 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: 3.545 $\pm$ 0.094 χ^2 /NDF: 370.9/22
 - 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: -56.262+/-0.199 χ^2/NDF :1793.6/11

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

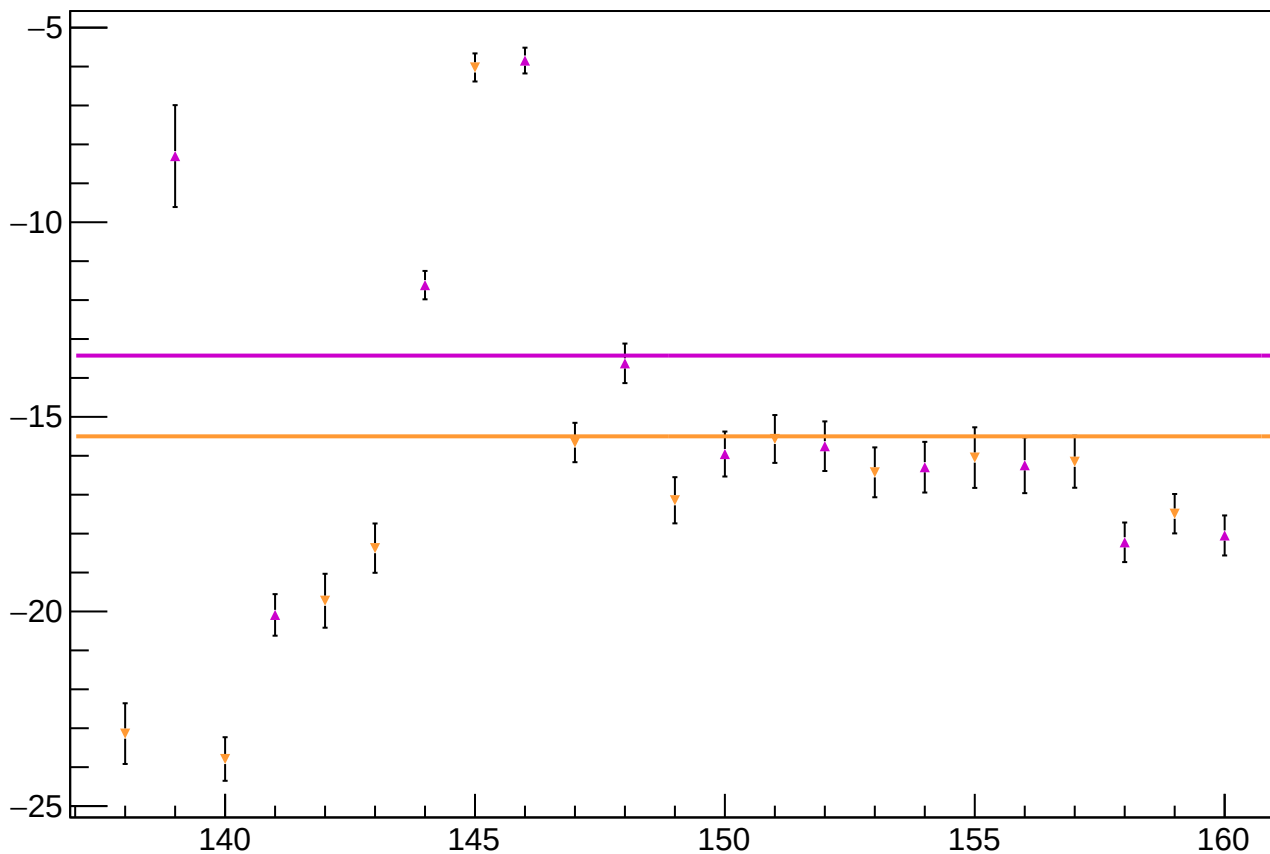
Left In: -54.330+/-0.188 χ^2/NDF :3024.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.240+/-0.136 χ^2/NDF : 4868.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.501+/-0.165 χ^2/NDF : 1089.3/11

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

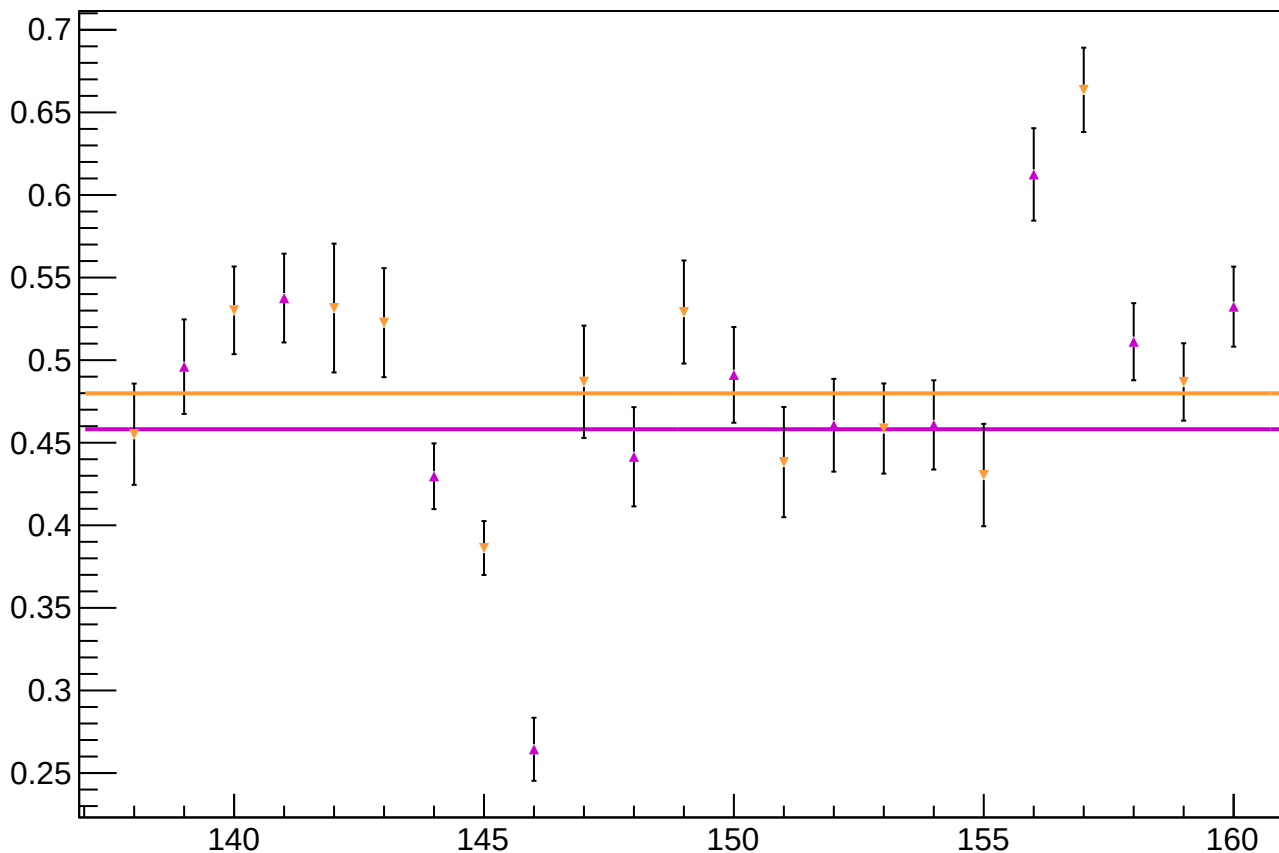
Left In: -13.426+/-0.154 χ^2/NDF : 956.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.393+/-0.113 χ^2/NDF : 2130.6/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

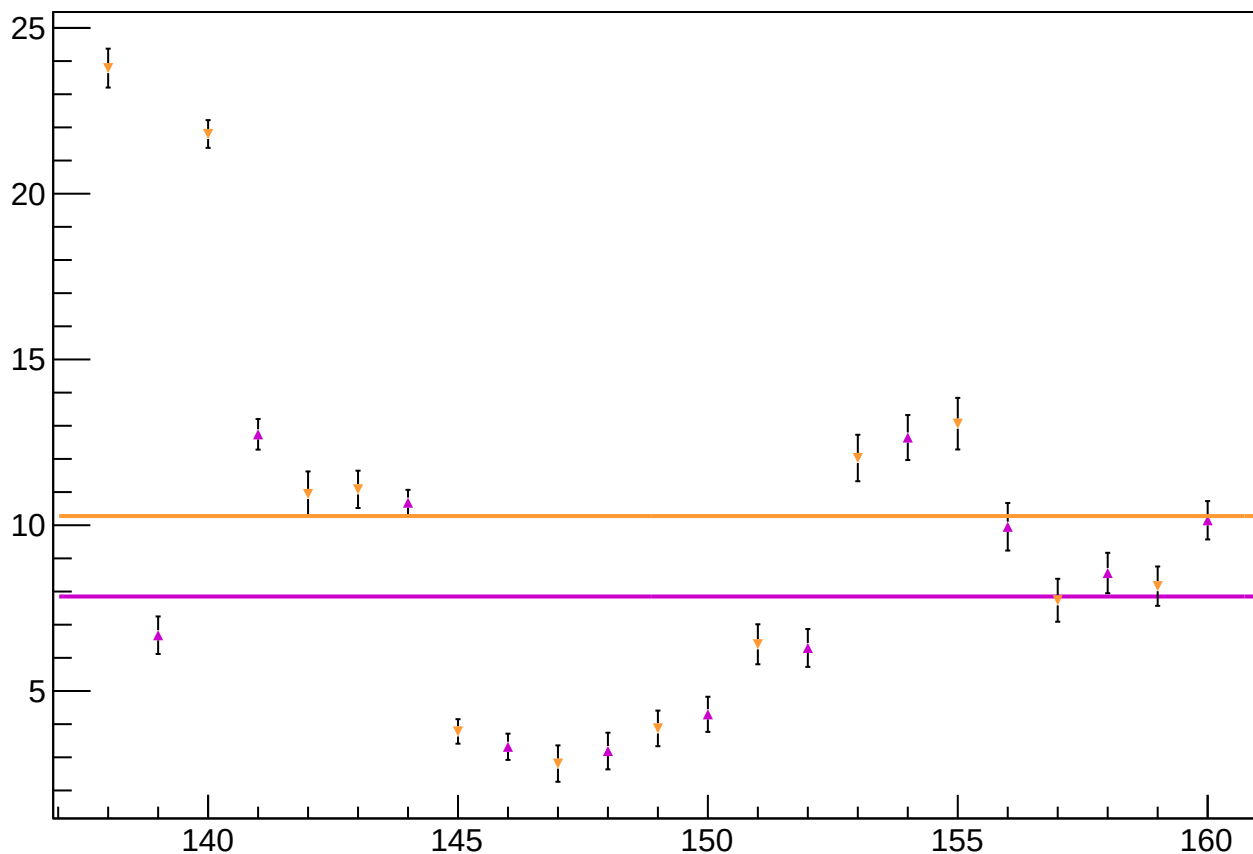
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.480 $\pm$ 0.008 χ^2 /NDF:99.8/11
 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: 0.469 $\pm$ 0.005 χ^2 /NDF: 265.9/22
 - 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: 10.277+/-0.159 χ^2/NDF : 2017.0/11

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

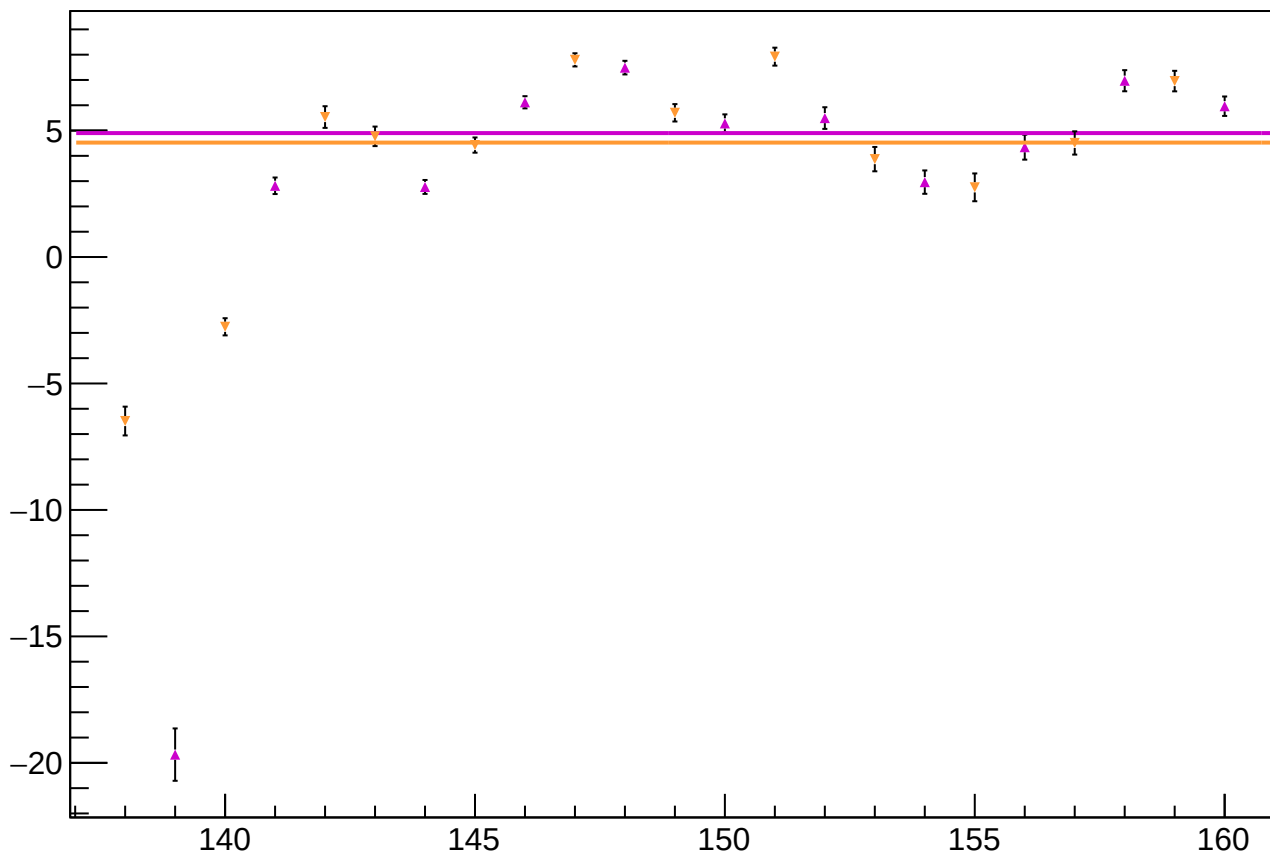
Left In: 7.850+/-0.157 χ^2/NDF : 500.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.050+/-0.112 χ^2/NDF : 2636.2/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

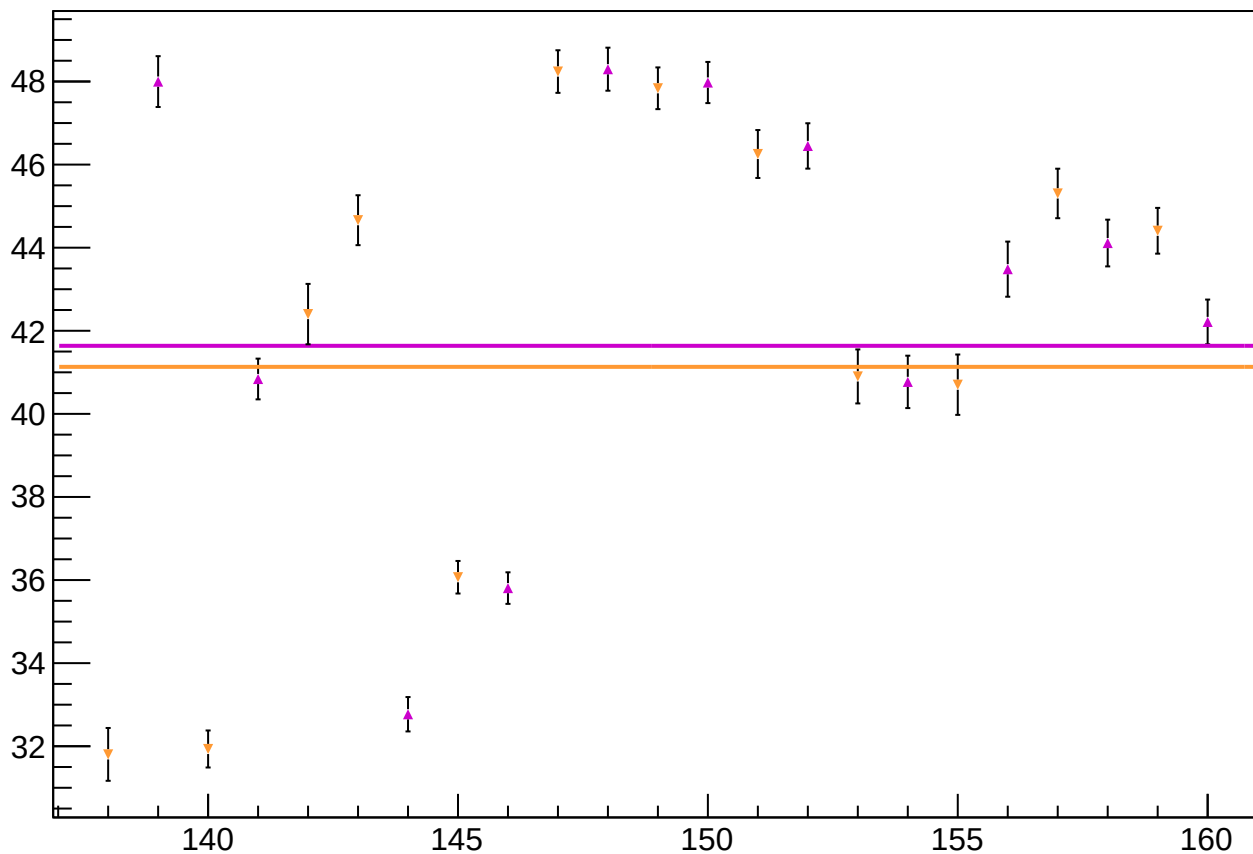
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.524 $\pm$ 0.109 χ^2 /NDF:1149.2/11
 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: 4.717 $\pm$ 0.076 χ^2 /NDF: 1991.0/22
 - 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: 41.132+/-0.158 χ^2/NDF :1380.6/11

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

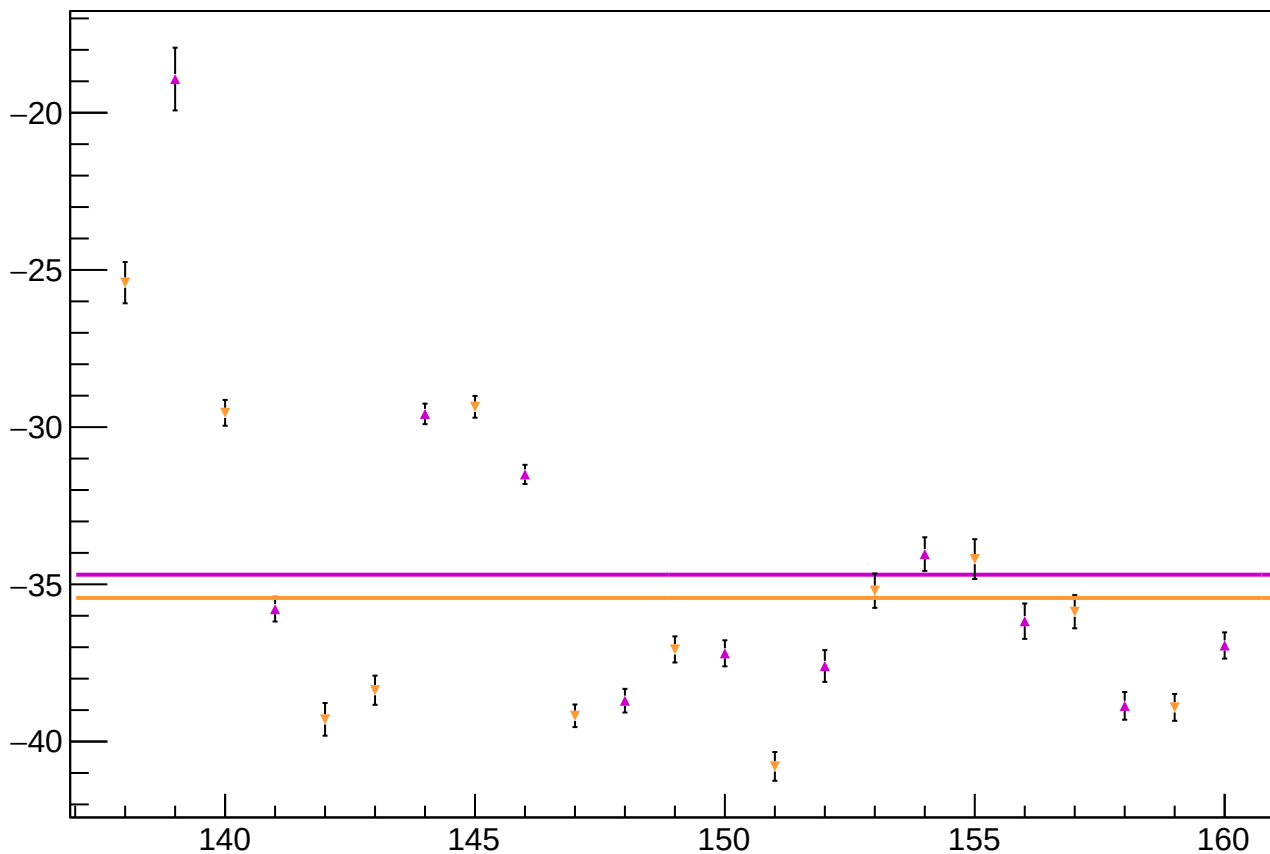
Left In: 41.638+/-0.154 χ^2/NDF :1242.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.392+/-0.110 χ^2/NDF : 2628.3/22

- 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: -35.433 ± 0.131 χ^2/NDF : 1174.4/11

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

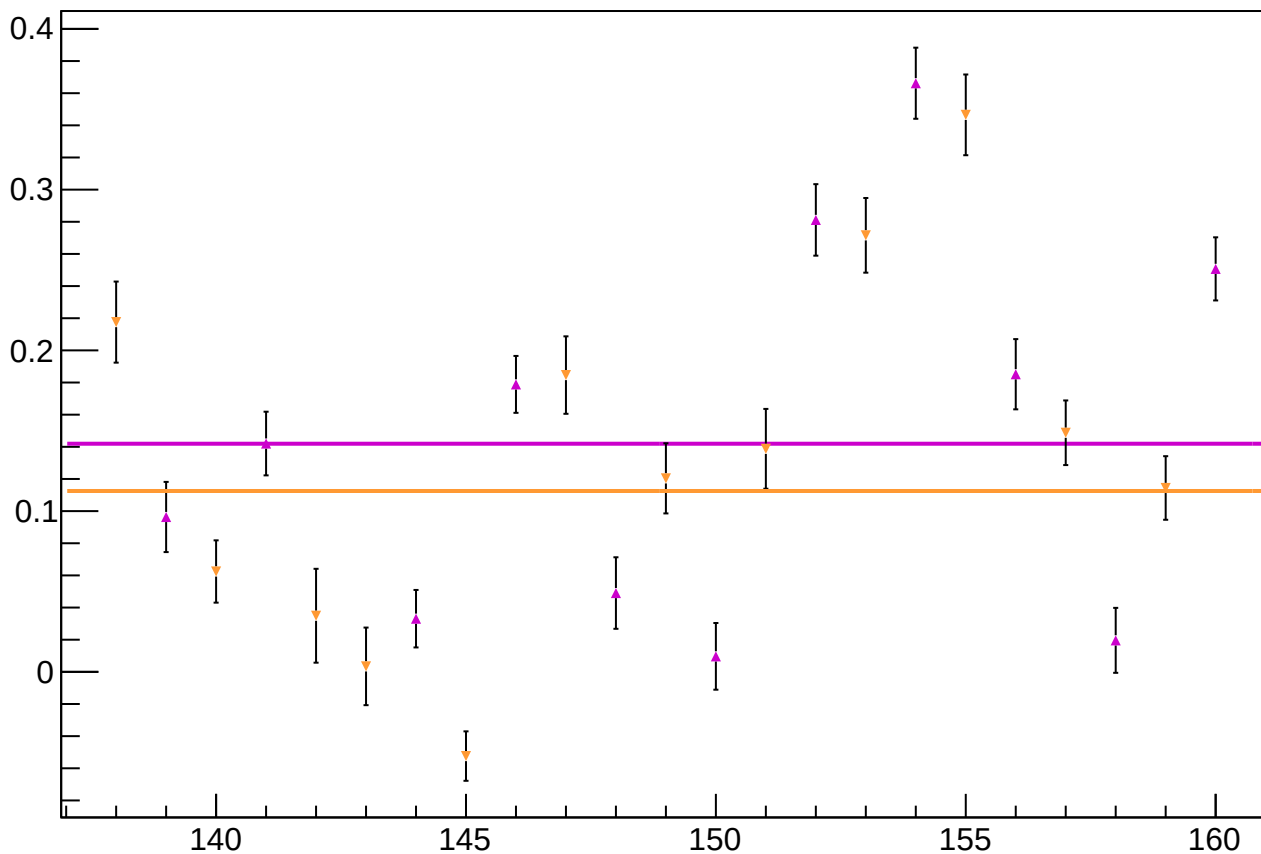
Left In: -34.693 ± 0.127 χ^2/NDF : 922.2/10

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.052 ± 0.091 χ^2/NDF : 2113.0/22

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

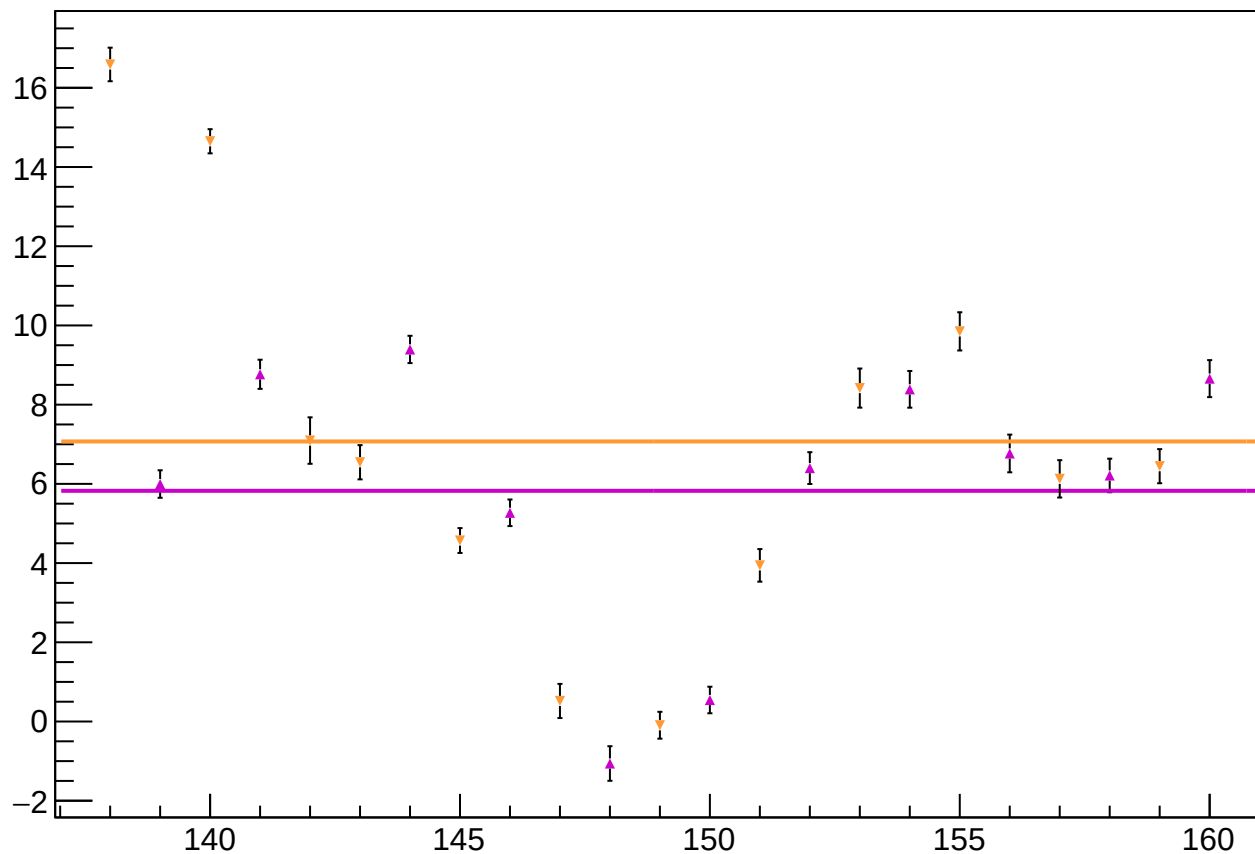
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.113 $\pm$ 0.006 χ^2 /NDF:313.7/11
 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: 0.128 $\pm$ 0.004 χ^2 /NDF: 642.0/22
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

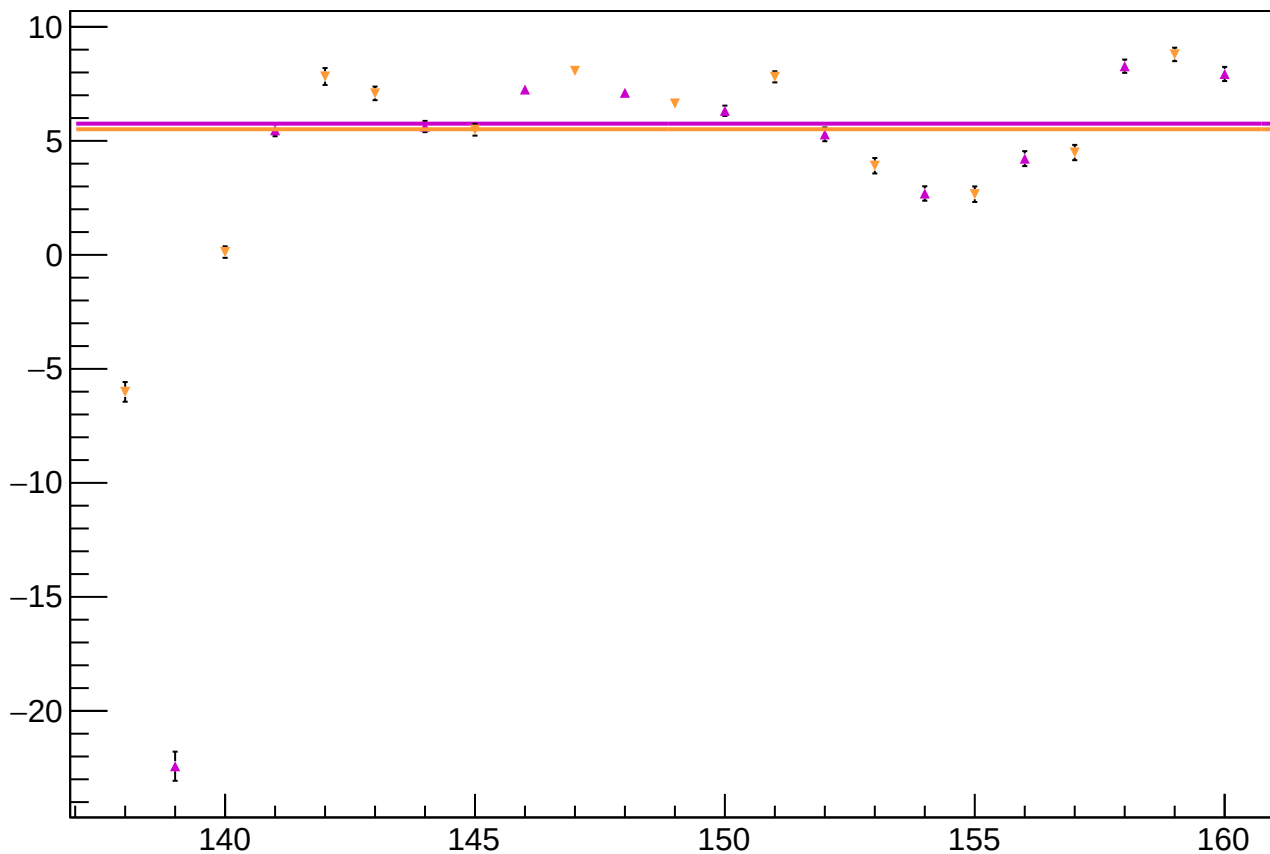
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.071 $\pm$ 0.117 χ^2 /NDF:1968.3/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.825 $\pm$ 0.117 χ^2 /NDF:745.6/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 6.450 $\pm$ 0.083 χ^2 /NDF: 2770.4/22
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 5.509 $\pm$ 0.081 χ^2 /NDF:1725.7/11

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

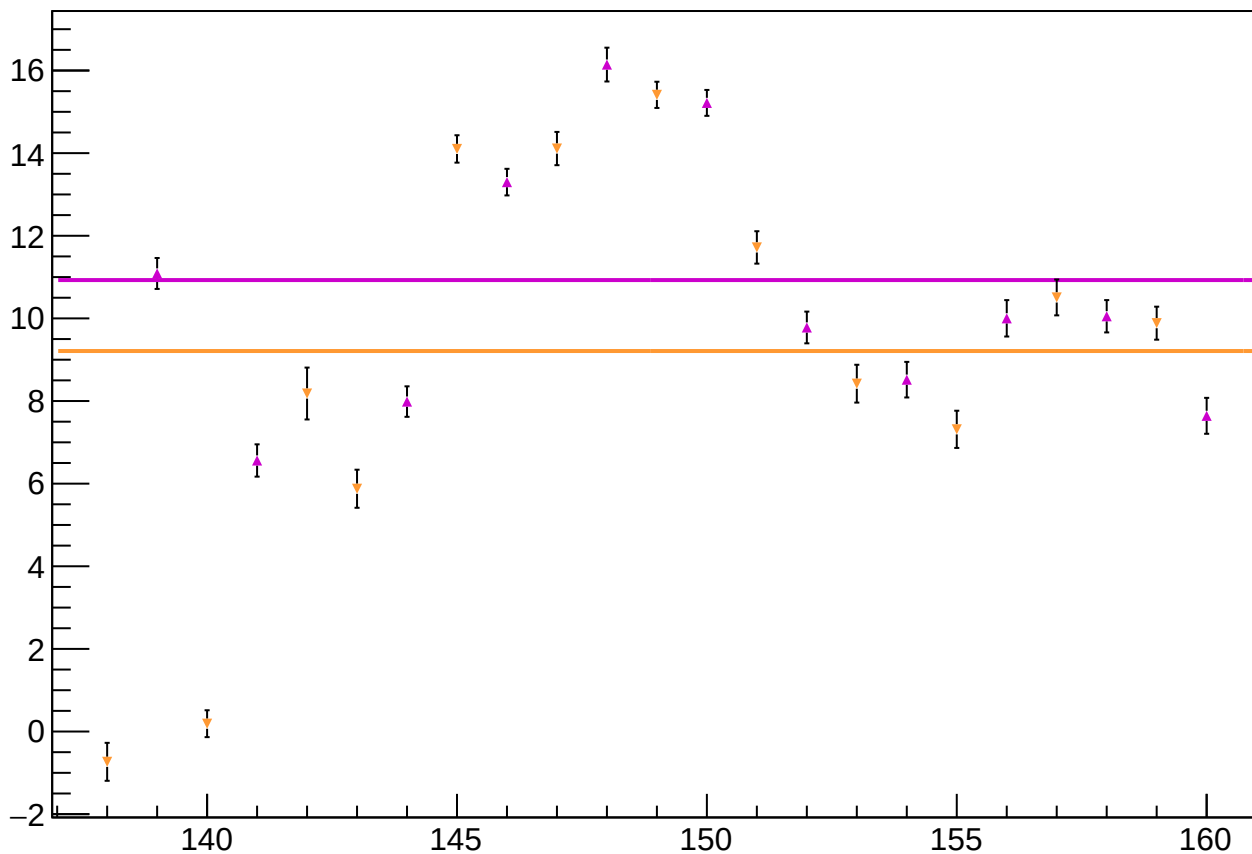
Left In: 5.755 $\pm$ 0.082 χ^2 /NDF:2283.3/10

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

All: 5.630 $\pm$ 0.058 χ^2 /NDF: 4013.5/22

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

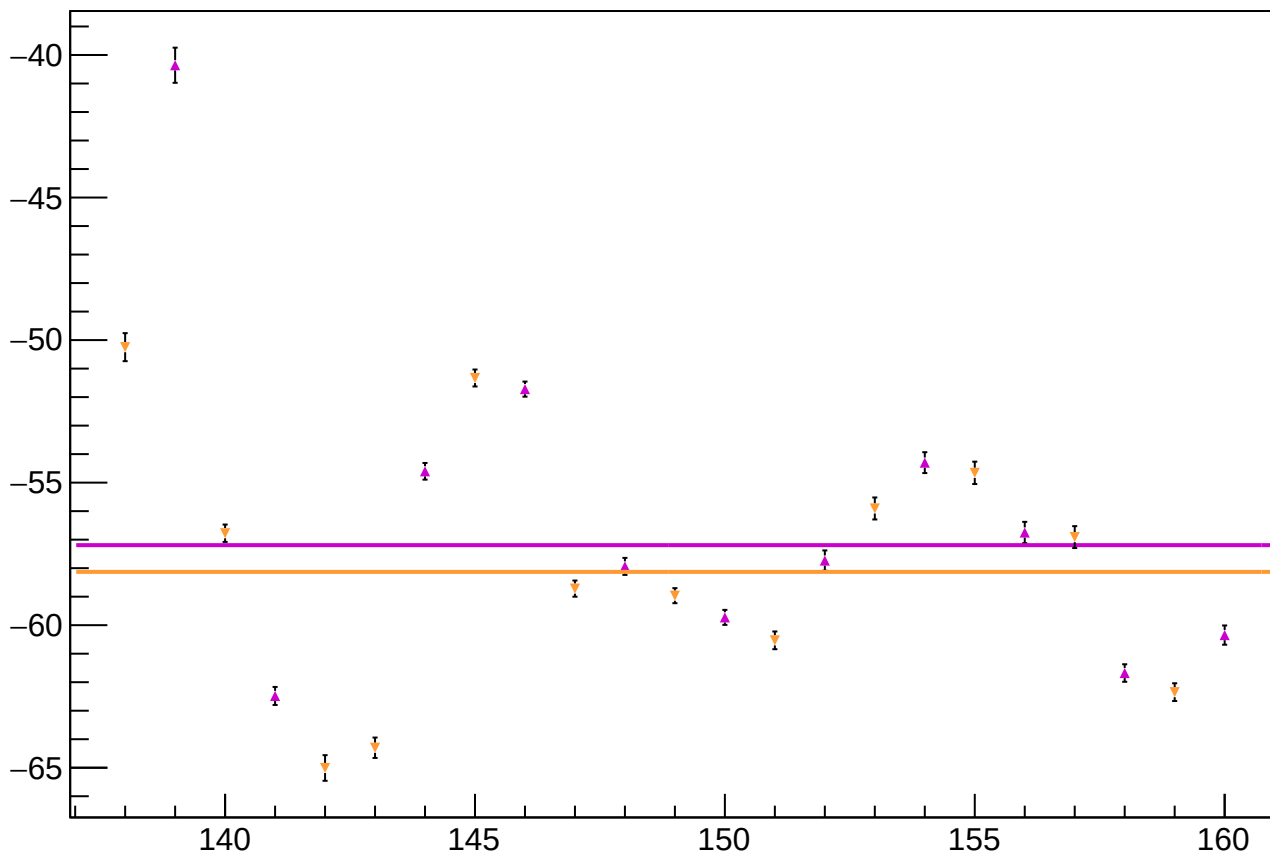
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.210+/-0.116 χ^2/NDF : 2113.8/11
 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: 10.078+/-0.082 χ^2/NDF : 2923.6/22
 - 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: -58.130+/-0.097 χ^2/NDF :1711.3/11

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

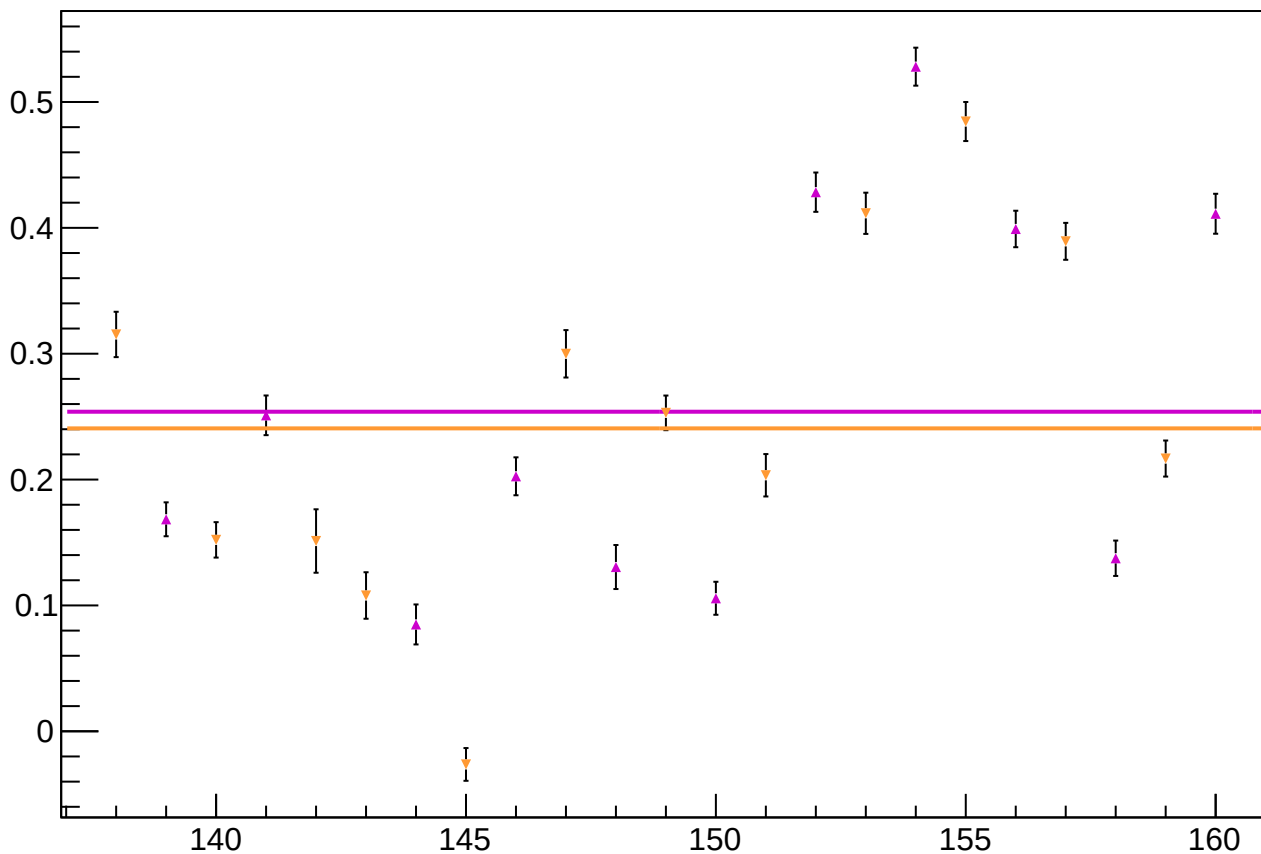
Left In: -57.193+/-0.097 χ^2/NDF :1997.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.662+/-0.069 χ^2/NDF : 3755.3/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

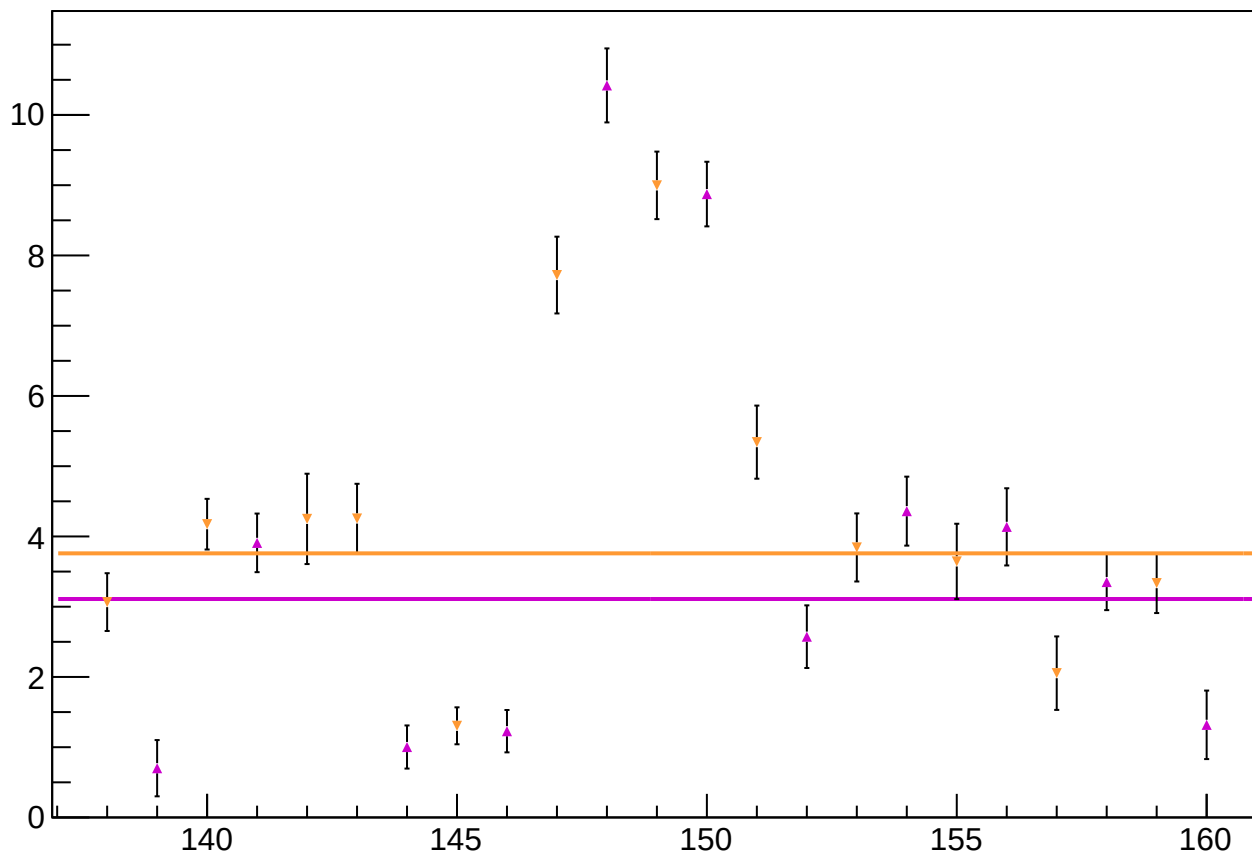
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.241 $\pm$ 0.005 χ^2 /NDF:1019.0/11
 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: 0.247 $\pm$ 0.003 χ^2 /NDF: 2087.9/22
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

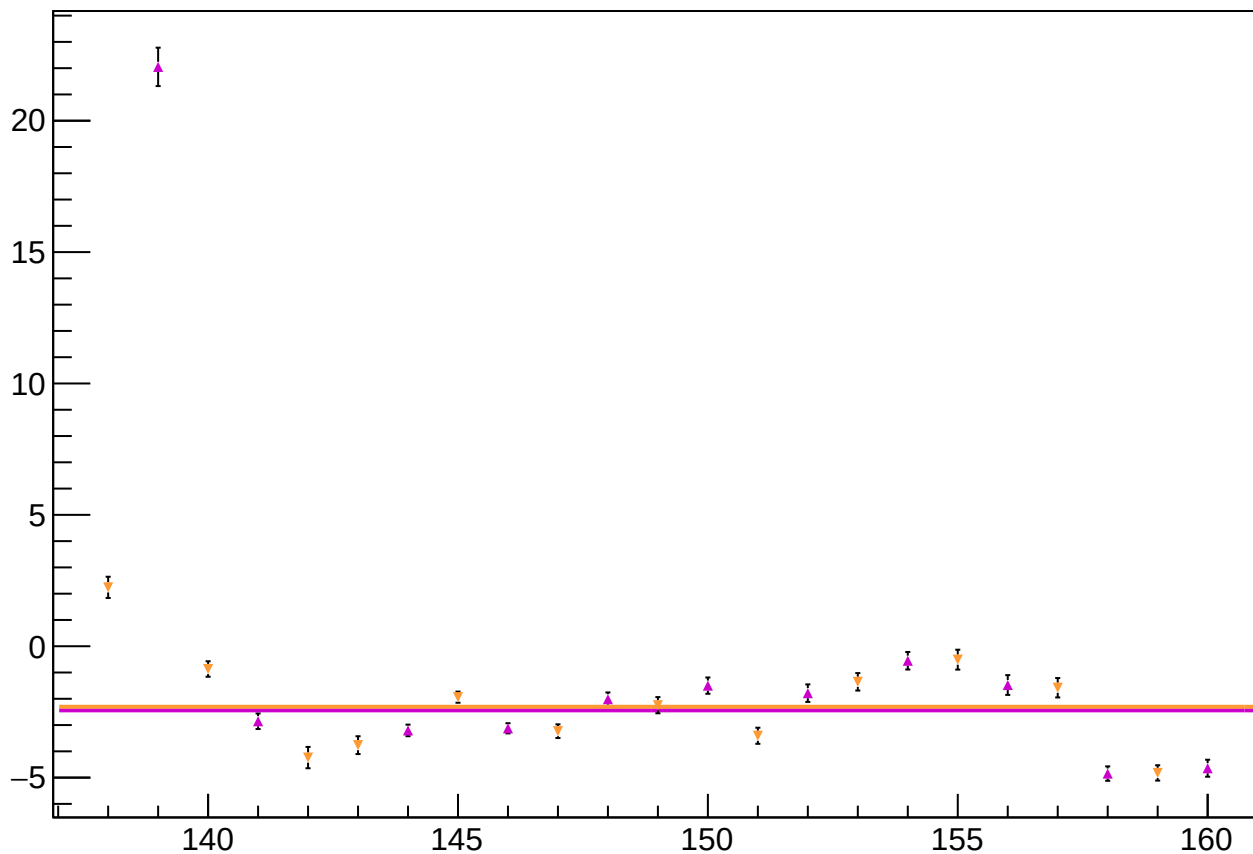
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.759 $\pm$ 0.126 χ^2 /NDF:285.2/11
 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: 3.429 $\pm$ 0.088 χ^2 /NDF: 799.6/22
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

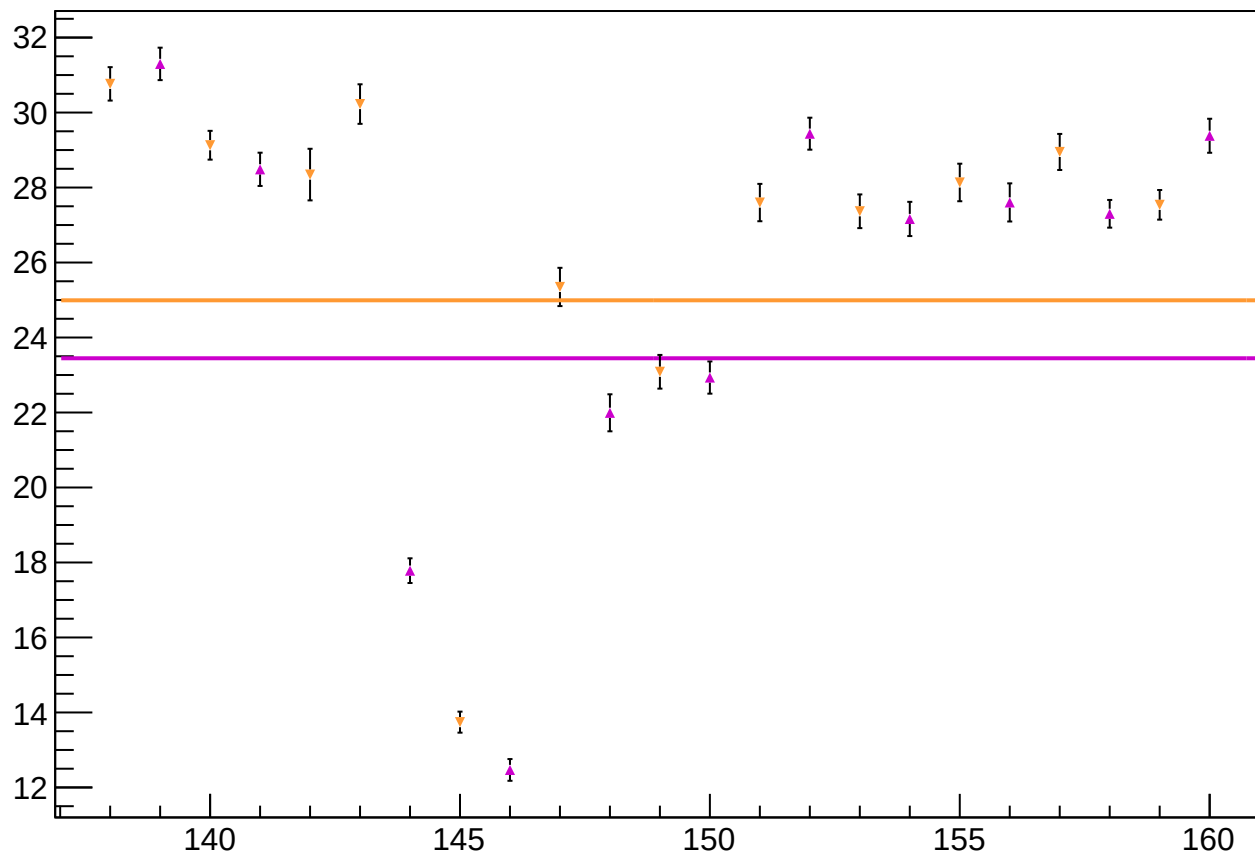
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.304 $\pm$ 0.089 χ^2 /NDF:329.1/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.440 $\pm$ 0.086 χ^2 /NDF:1326.1/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.374 $\pm$ 0.062 χ^2 /NDF: 1656.5/22
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 24.992+/-0.126 χ^2/NDF :2238.8/11

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

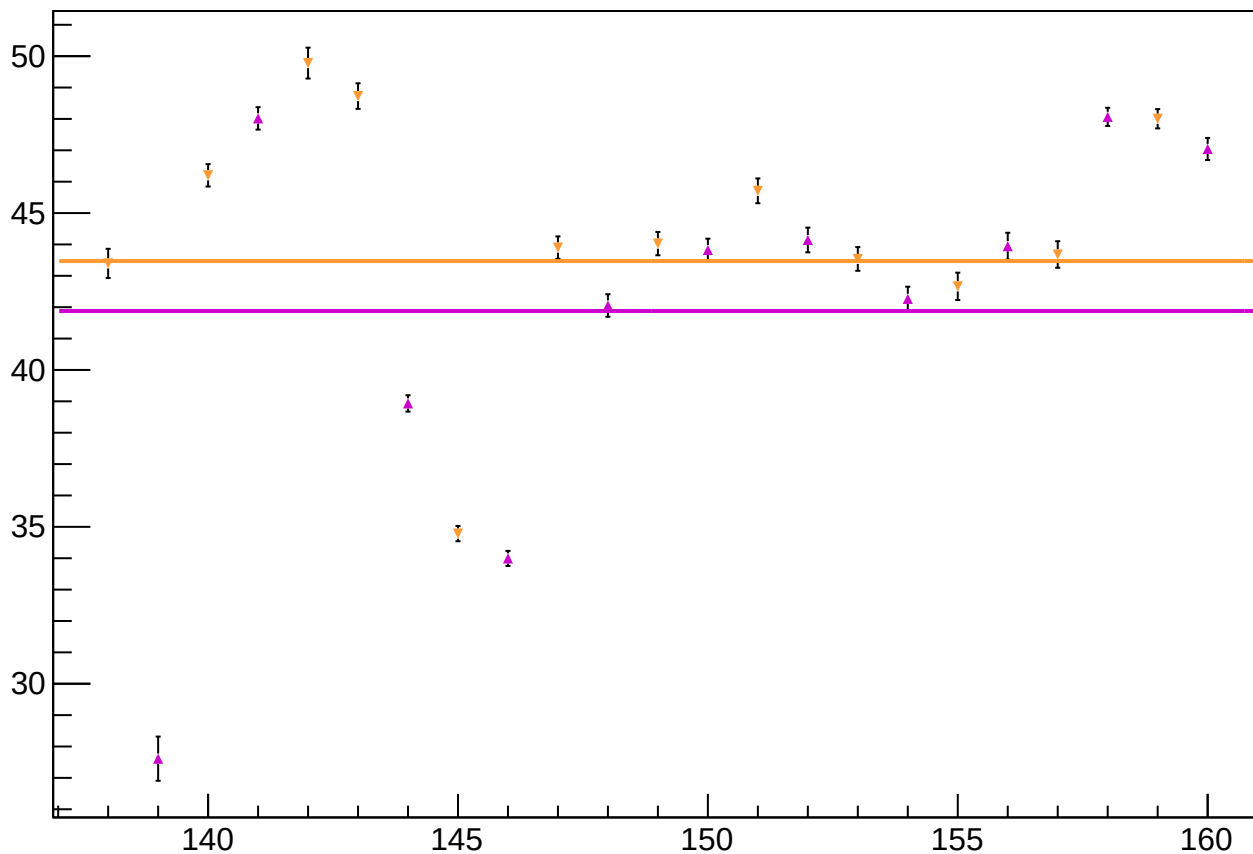
Left In: 23.446+/-0.122 χ^2/NDF :2807.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.192+/-0.088 χ^2/NDF : 5123.7/22

- 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: 43.471+/-0.106 χ^2/NDF :1914.5/11

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

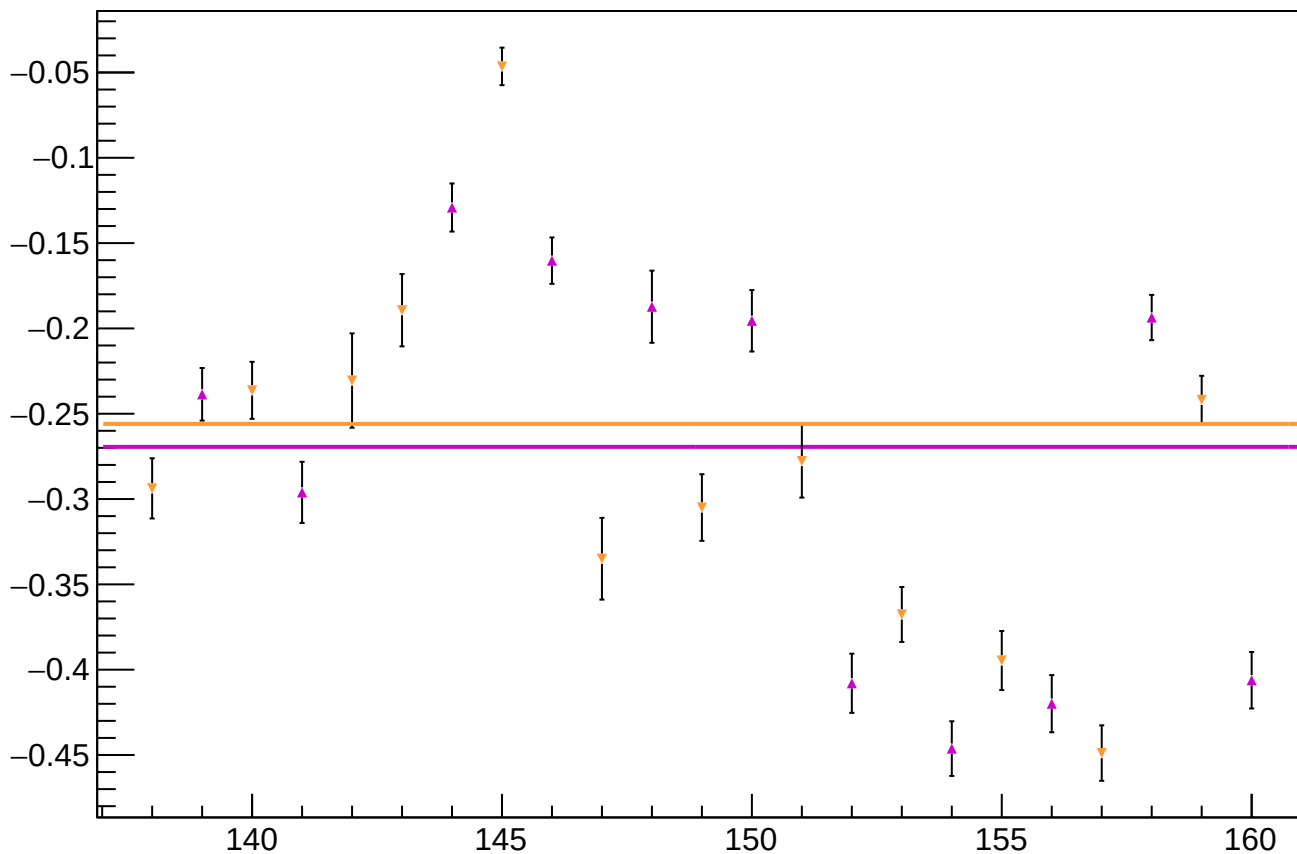
Left In: 41.879+/-0.102 χ^2/NDF :2666.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.647+/-0.073 χ^2/NDF : 4697.7/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

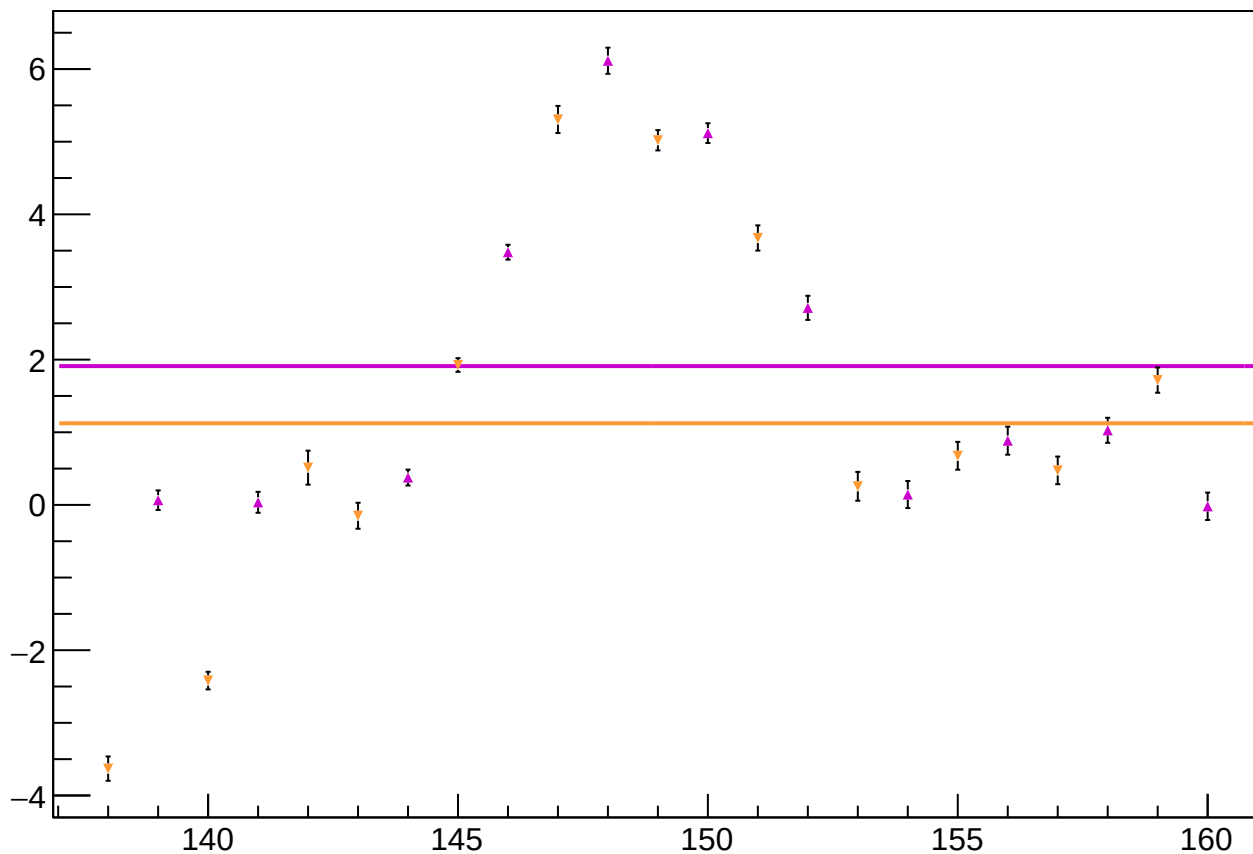
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.256+/-0.005 χ^2/NDF : 653.0/11
 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: -0.263+/-0.003 χ^2/NDF : 1225.8/22
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

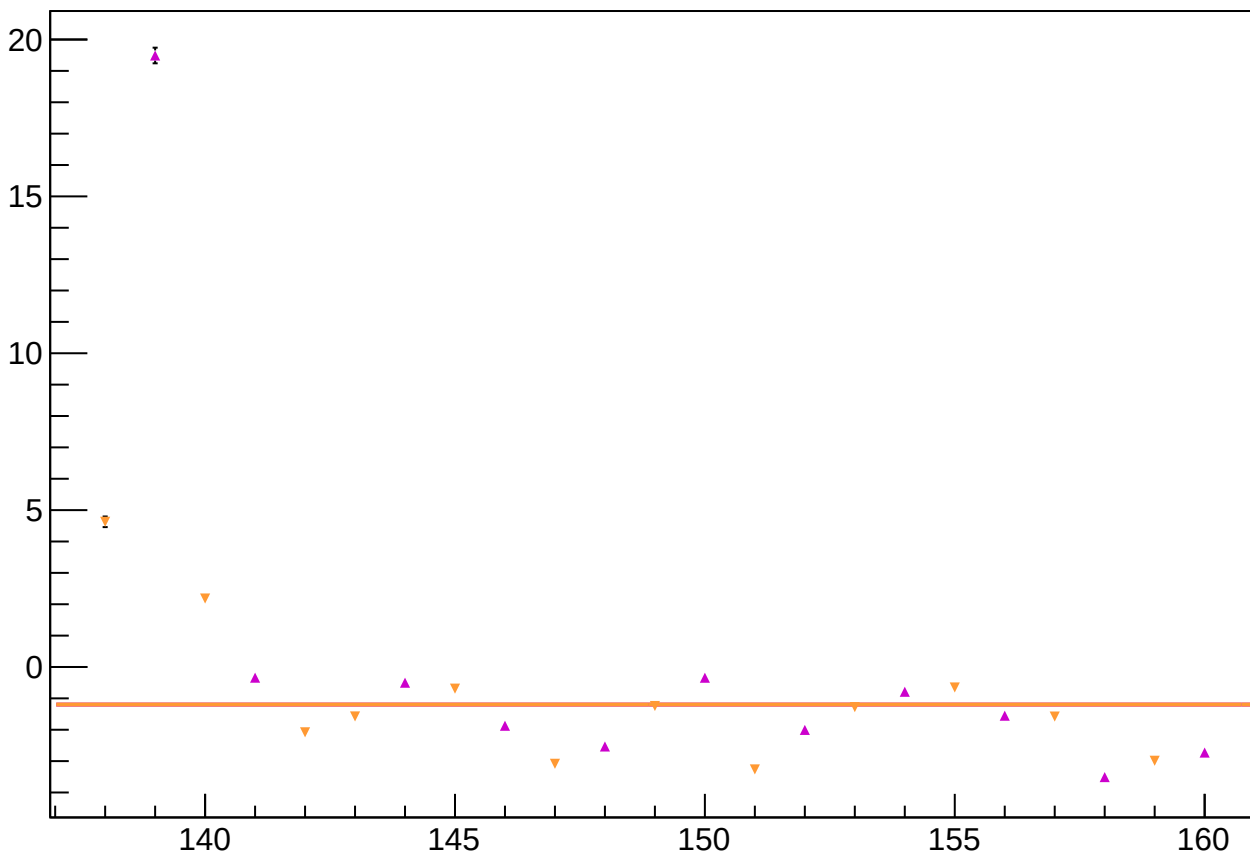
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.124+/-0.045 χ^2/NDF : 3331.6/11
 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: 1.528+/-0.031 χ^2/NDF : 5651.5/22
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

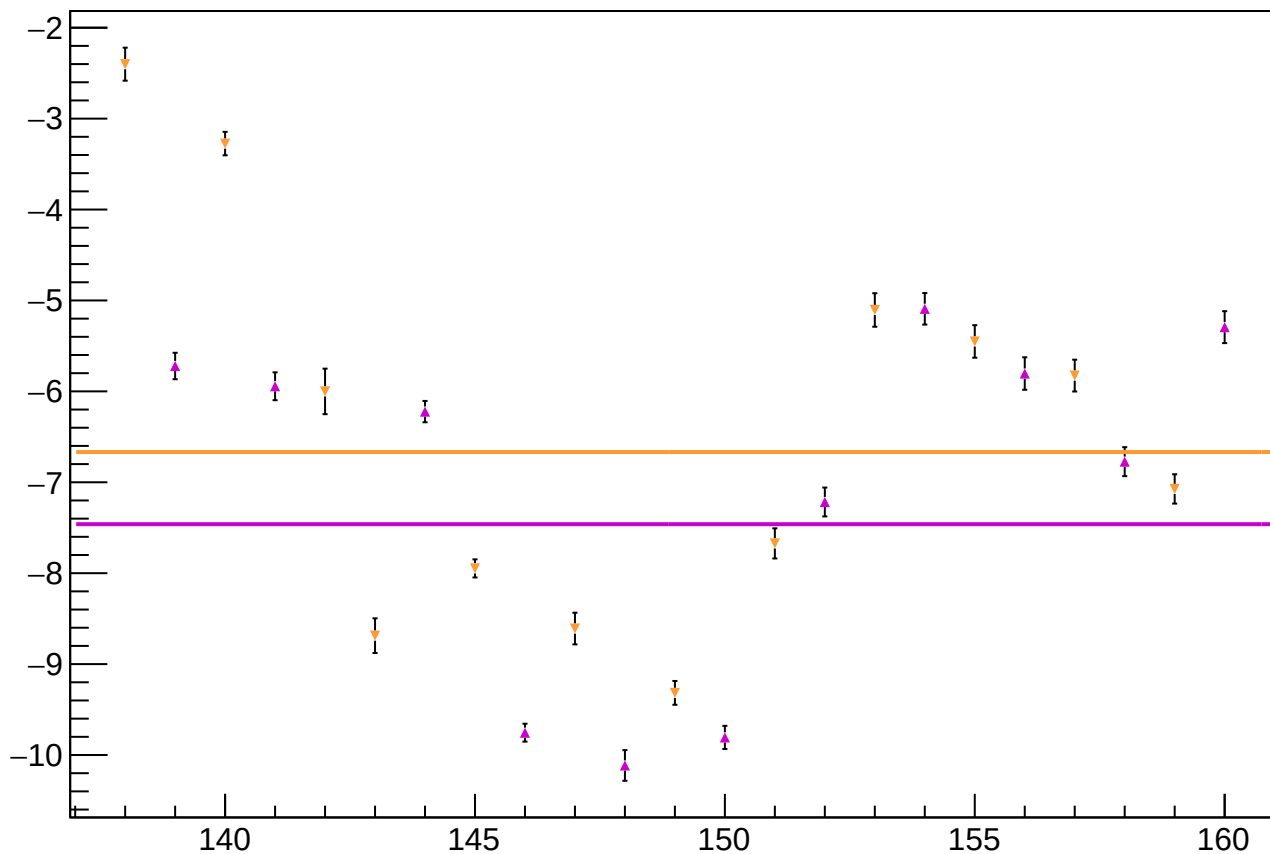
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.196+/-0.032 χ^2/NDF : 3515.2/11
 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: -1.197+/-0.022 χ^2/NDF : 11559.4/22
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

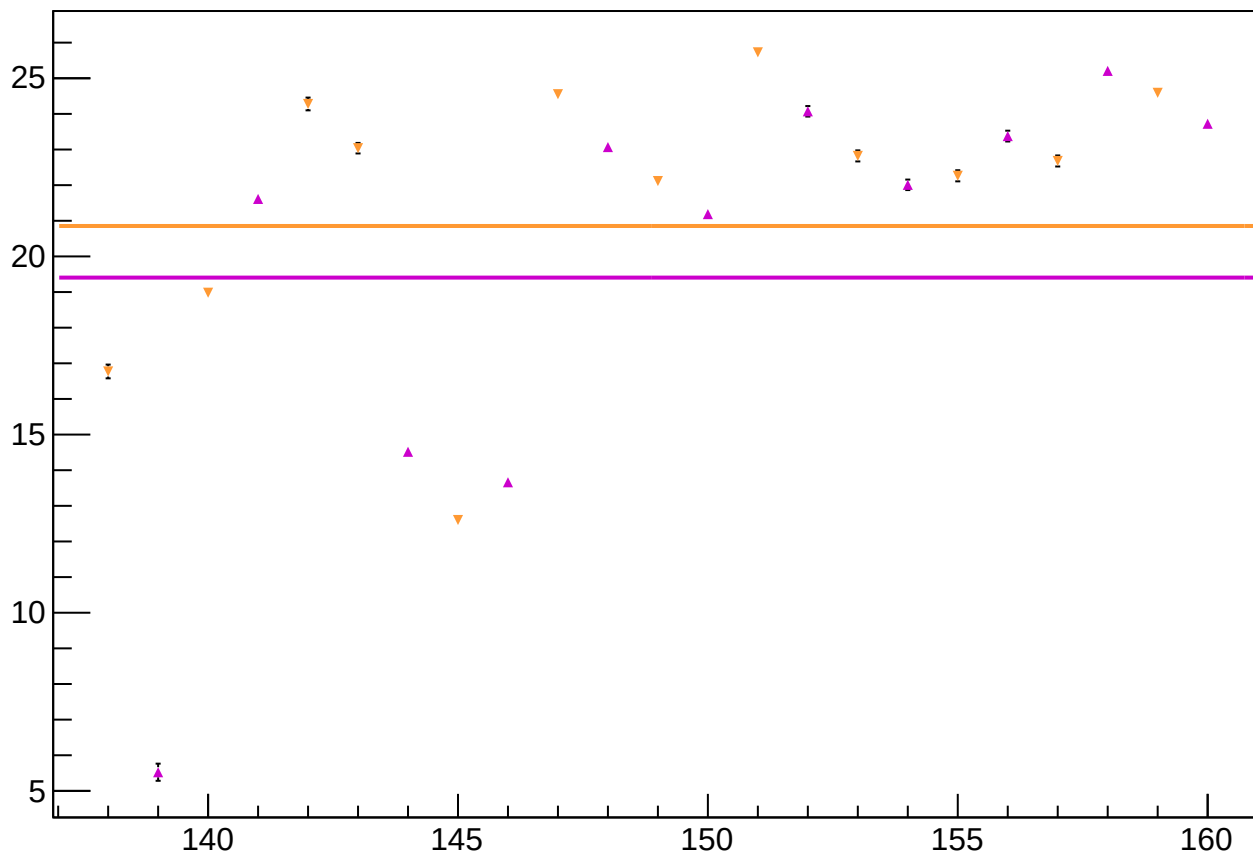
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.667 $\pm$ 0.045 χ^2 /NDF:2245.5/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.461 $\pm$ 0.043 χ^2 /NDF:1928.9/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -7.081 $\pm$ 0.031 χ^2 /NDF: 4336.8/22
 - sign 0.000 $\pm$ 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: 20.854 $\pm$ 0.038 χ^2/NDF :13702.2/11

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

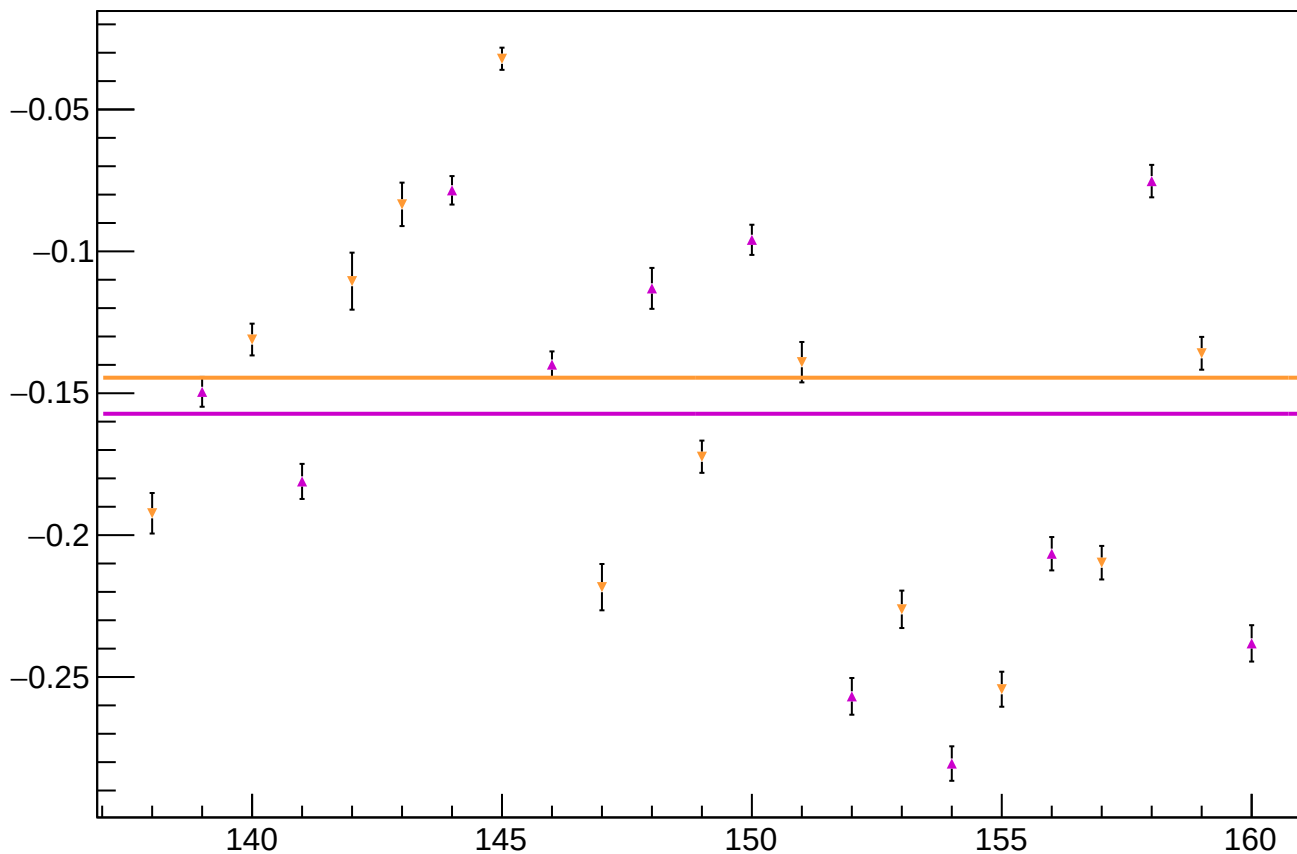
Left In: 19.405 $\pm$ 0.036 χ^2/NDF :17615.2/10

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

All: 20.102 $\pm$ 0.026 χ^2/NDF : 32077.6/22

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

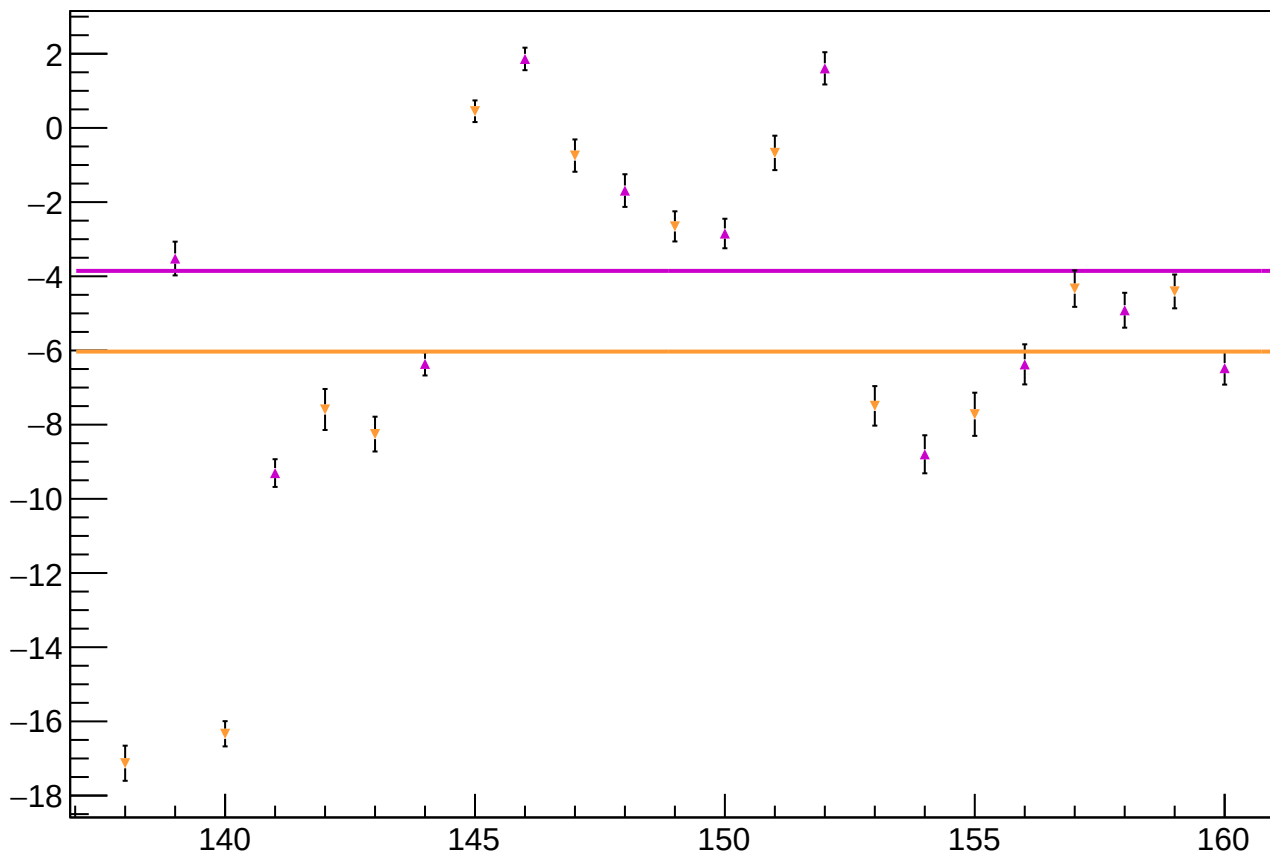
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.145 $\pm$ 0.002 χ^2 /NDF:1653.1/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.157 $\pm$ 0.002 χ^2 /NDF:1530.6/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.151 $\pm$ 0.001 χ^2 /NDF: 3210.2/22
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

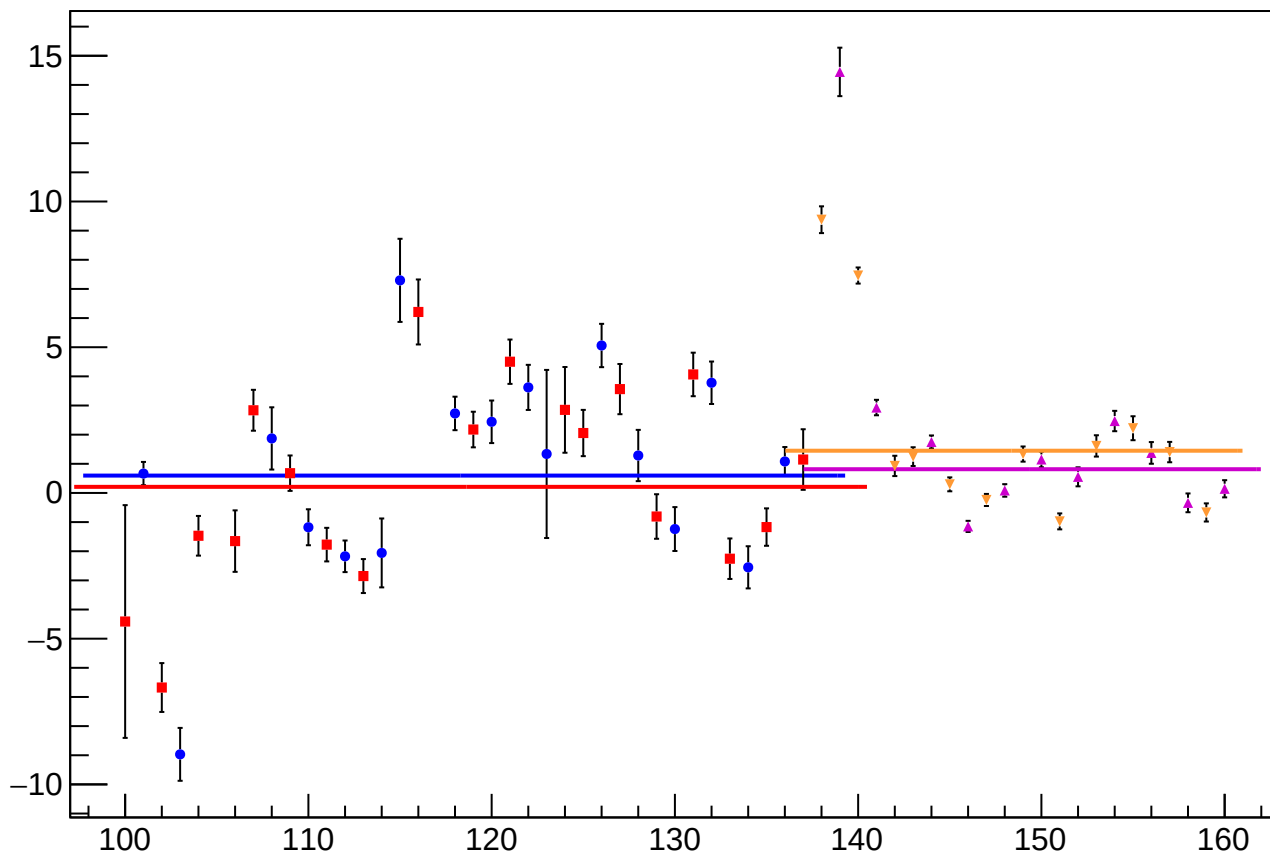
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.030+/-0.125 χ^2/NDF : 2380.6/11
 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: -4.921+/-0.087 χ^2/NDF : 3509.8/22
 - 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: 1.449 ± 0.086 χ^2/NDF : 992.2/11

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

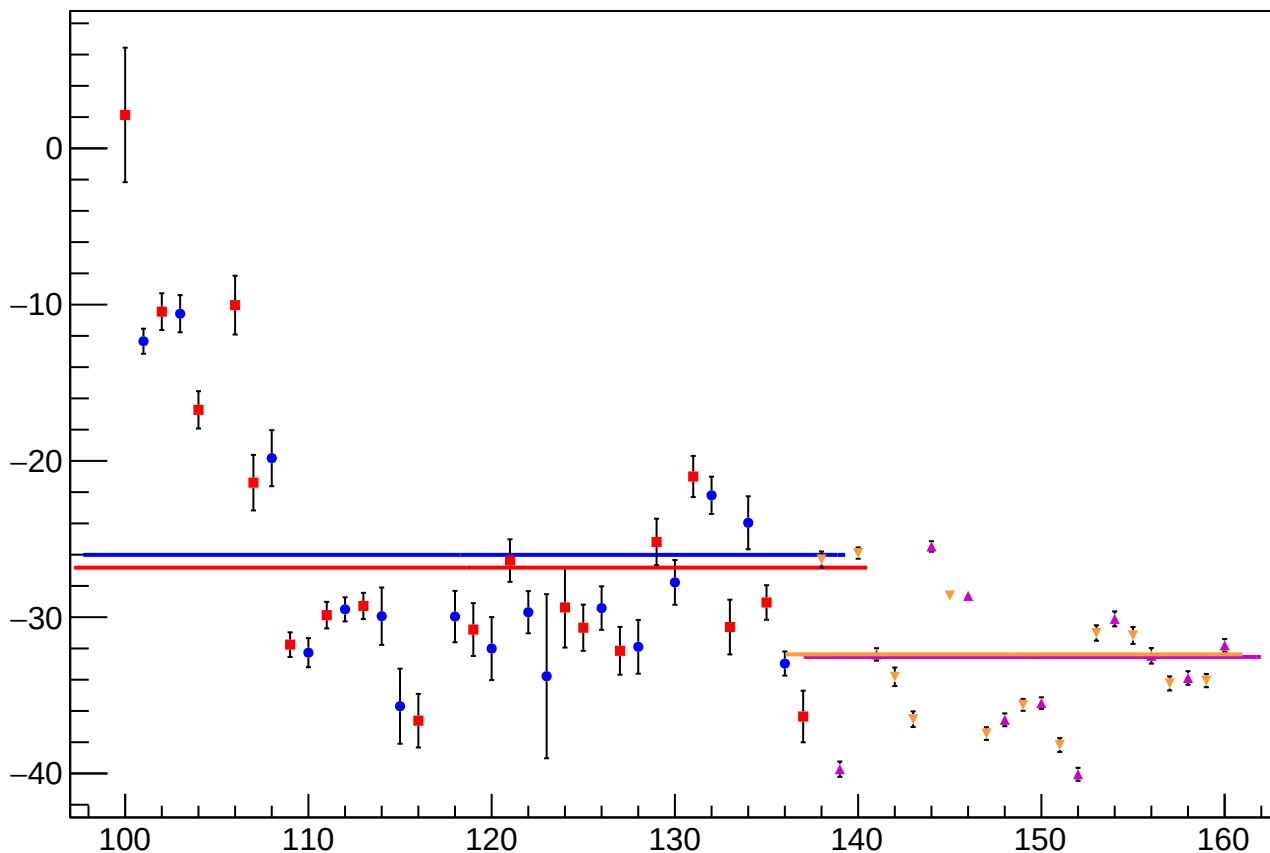
Left In: 0.814 ± 0.083 χ^2/NDF : 511.8/10

+ sign 1.275 ± 0.076 χ^2/NDF : 1303.6/28

All: 0.984 ± 0.054 χ^2/NDF : 2127.3/58

- 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: -32.378 ± 0.124 χ^2/NDF : 1126.8/11

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

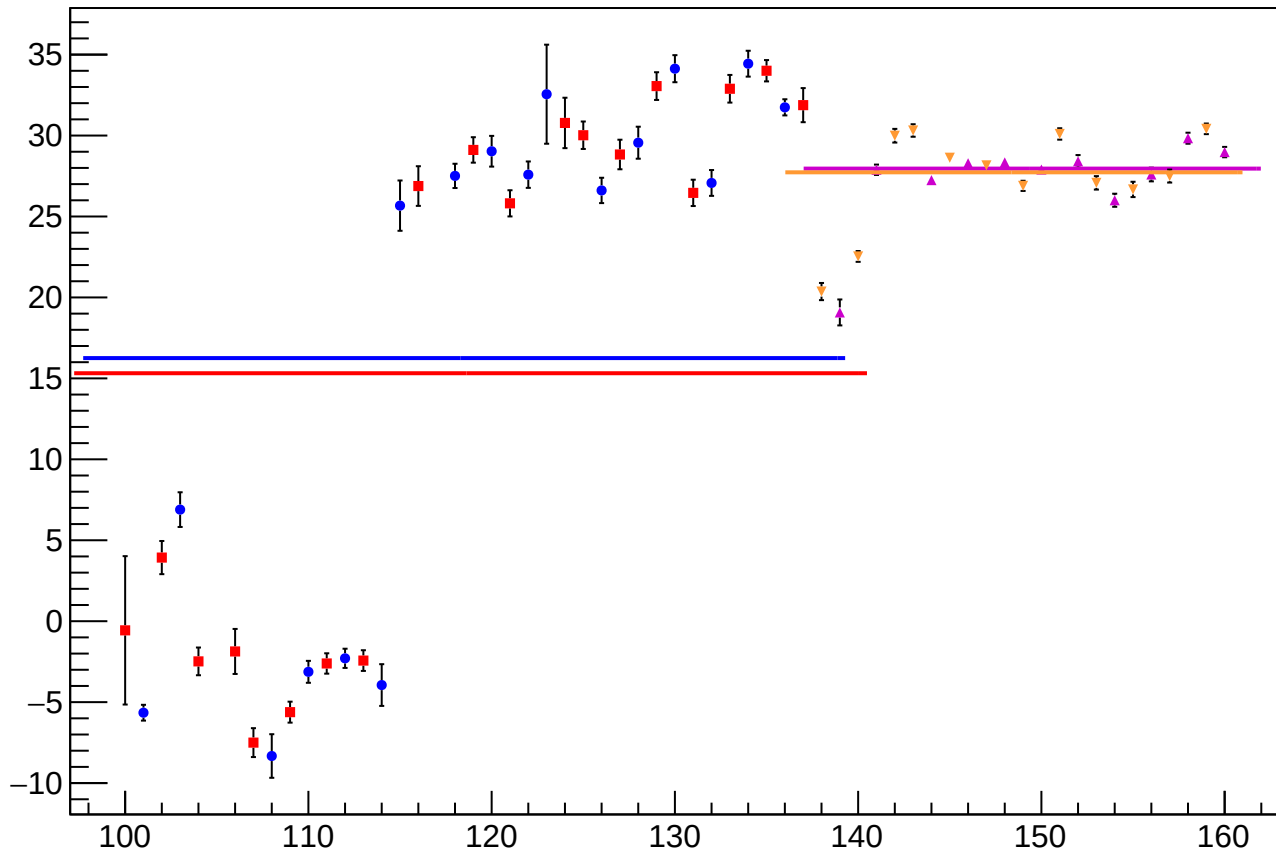
Left In: -32.543 ± 0.120 χ^2/NDF : 1360.1/10

+ sign -31.443 ± 0.115 χ^2/NDF : 2205.0/28

All: -31.598 ± 0.080 χ^2/NDF : 4467.6/58

- 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: 27.729 $\pm$ 0.103 χ^2 /NDF:648.2/11

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

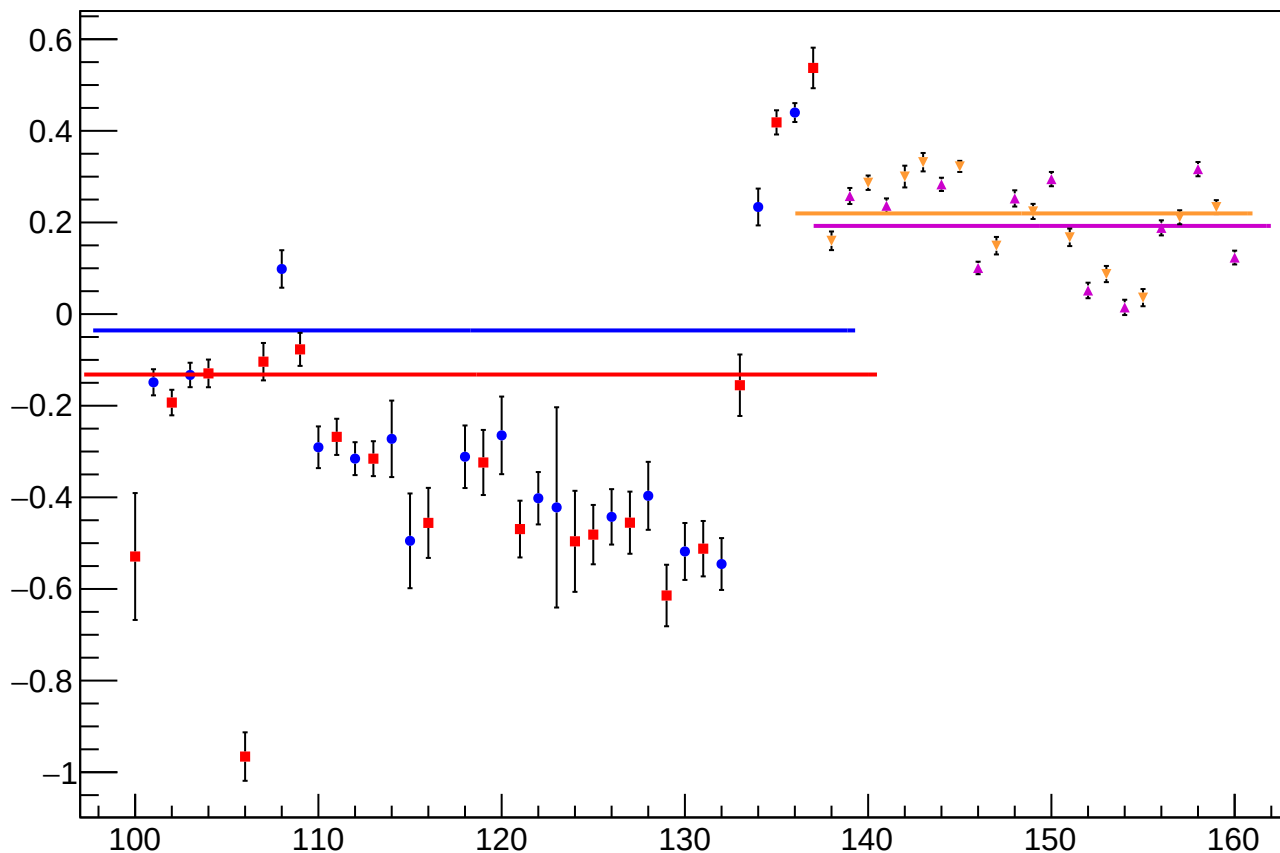
Left In: 27.958 $\pm$ 0.099 χ^2 /NDF:199.9/10

+ sign 25.144 $\pm$ 0.091 χ^2 /NDF: 11055.5/28

All: 25.273 $\pm$ 0.063 χ^2 /NDF: 21822.0/58

- 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: 0.220 ± 0.005 χ^2/NDF : 314.9/11

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

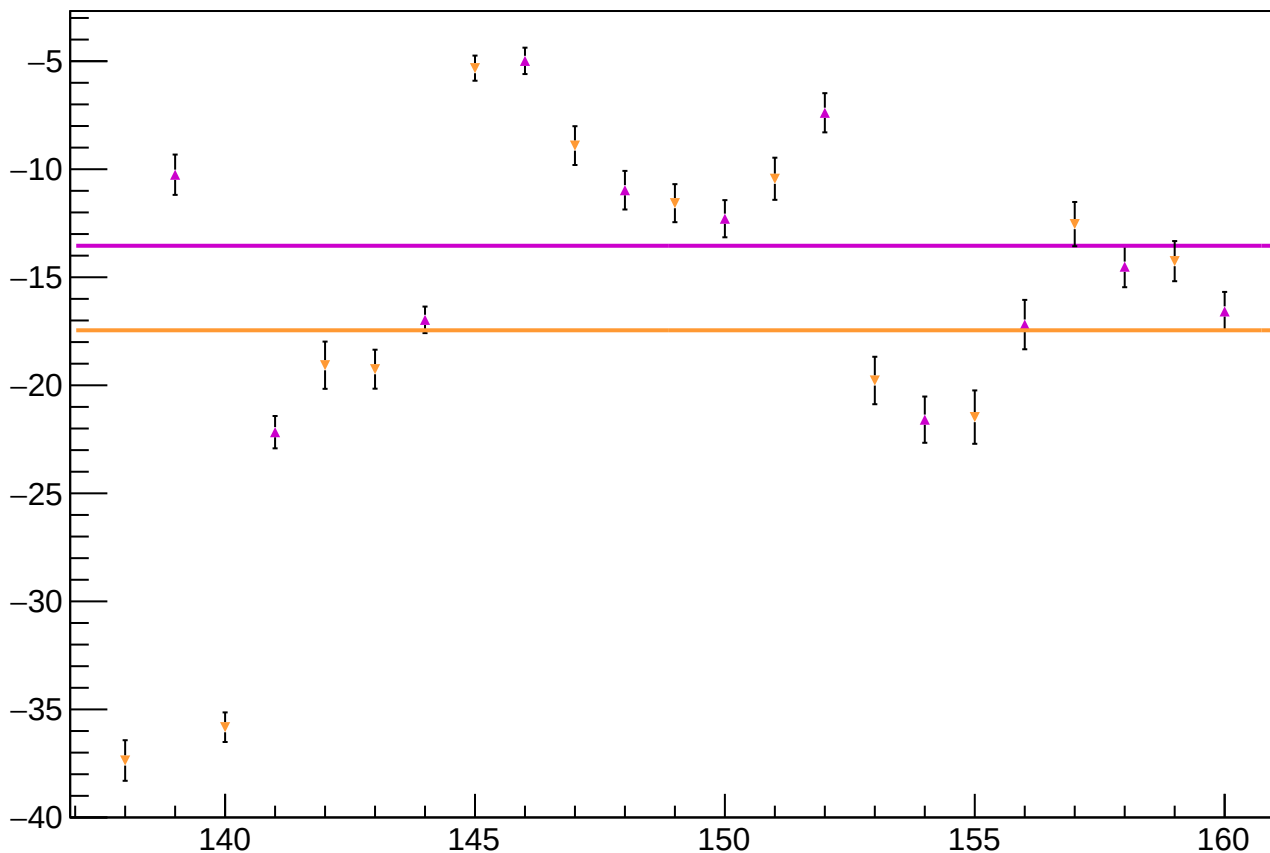
Left In: 0.193 ± 0.005 χ^2/NDF : 426.5/10

+ sign 0.172 ± 0.004 χ^2/NDF : 1829.1/28

All: 0.154 ± 0.003 χ^2/NDF : 4270.7/58

- sign 0.136 ± 0.004 χ^2/NDF : 2406.5/29

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.454+/-0.254 χ^2/NDF :1847.2/11

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

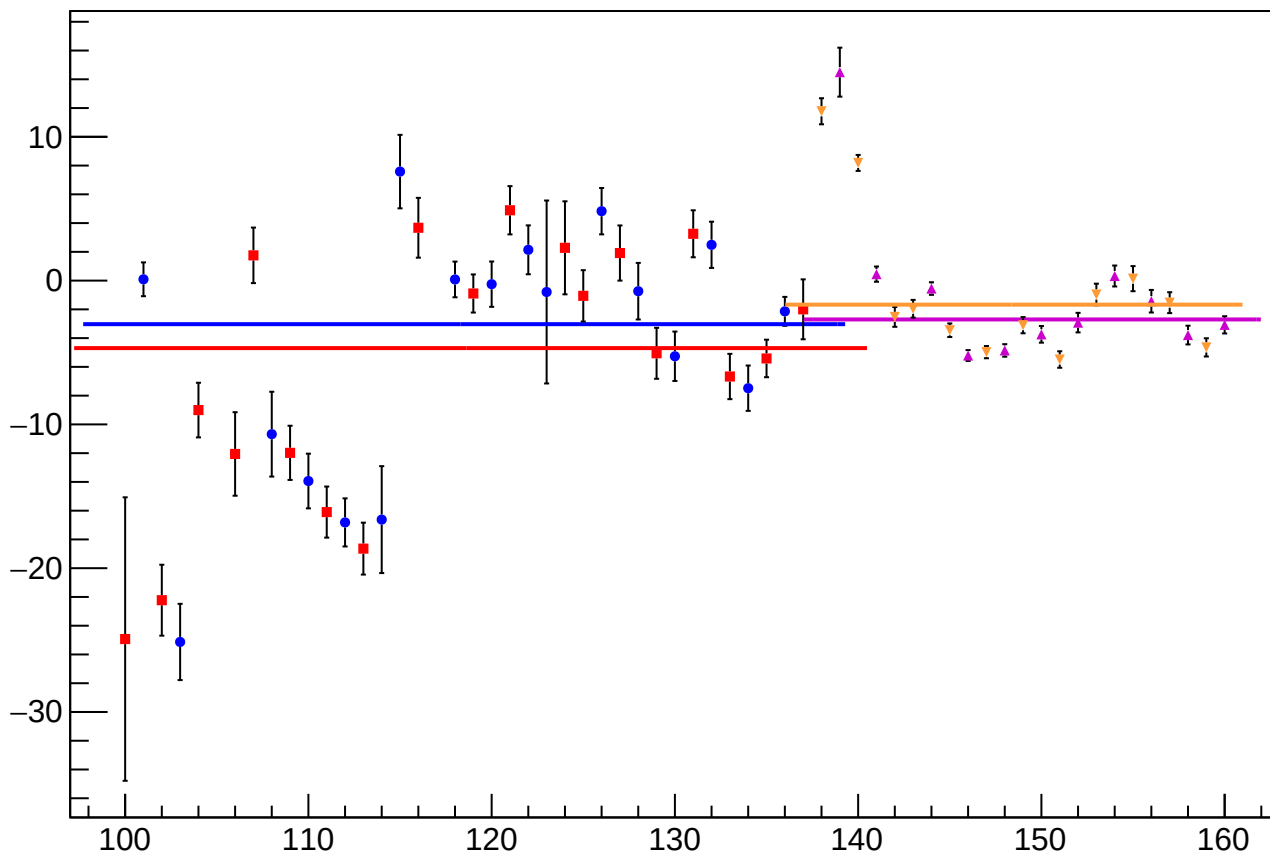
Left In: -13.542+/-0.250 χ^2/NDF :508.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.461+/-0.178 χ^2/NDF : 2476.3/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030 ± 0.408 $\chi^2/\text{NDF}: 280.8/16$

Left Out: -1.672 ± 0.175 $\chi^2/\text{NDF}: 689.1/11$

Right Out: -4.694 ± 0.427 $\chi^2/\text{NDF}: 298.3/18$

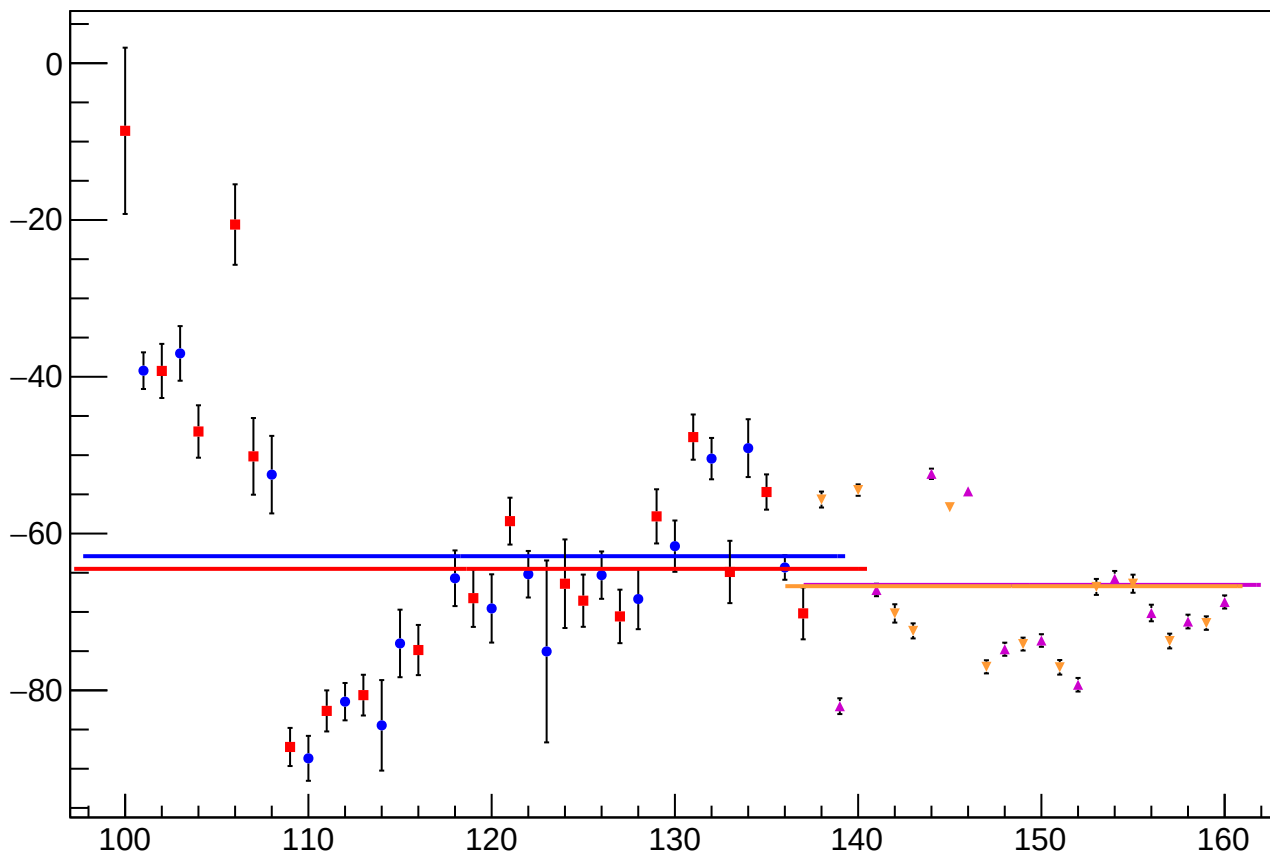
Left In: -2.702 ± 0.168 $\chi^2/\text{NDF}: 256.5/10$

+ sign -1.883 ± 0.160 $\chi^2/\text{NDF}: 979.3/28$

All: -2.440 ± 0.112 $\chi^2/\text{NDF}: 1576.4/58$

- 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: -66.713 ± 0.254 χ^2/NDF : 1150.1/11

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

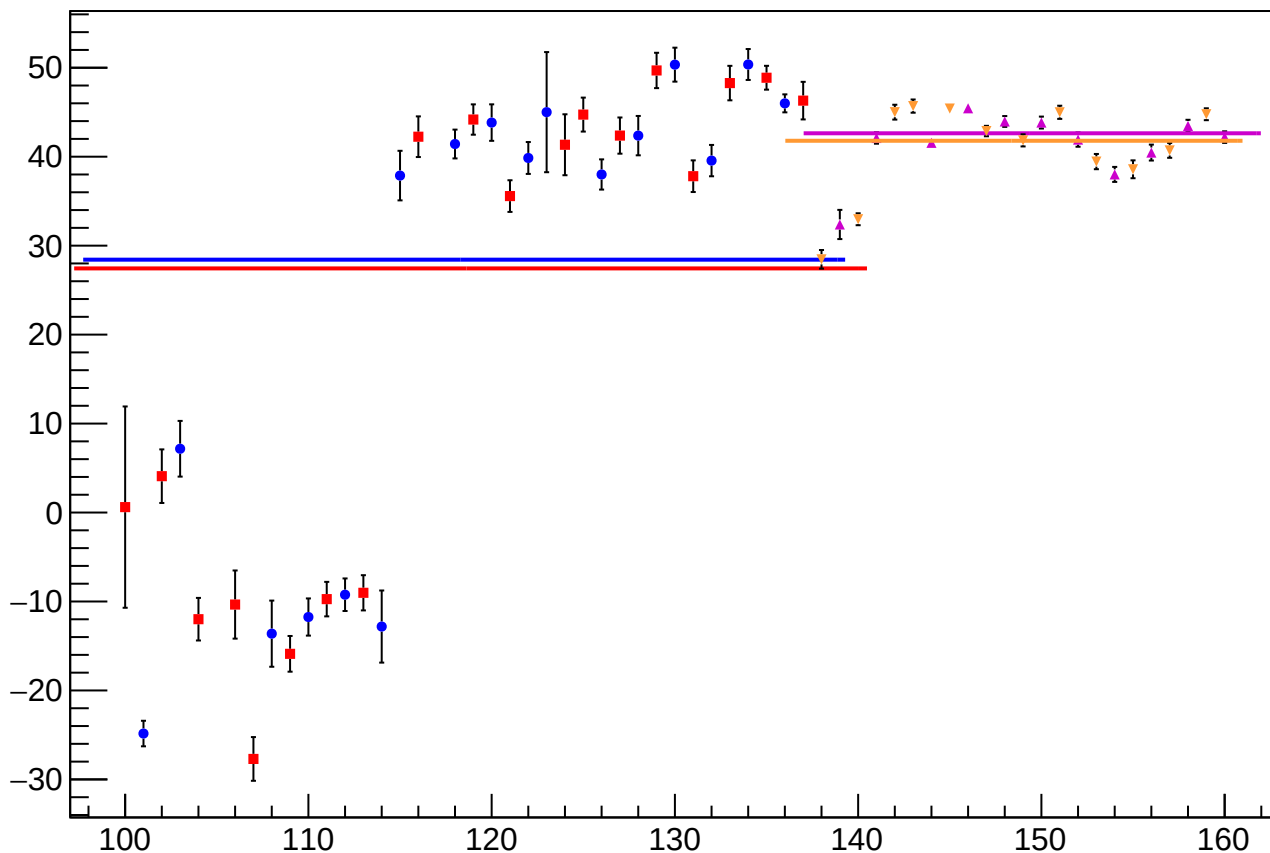
Left In: -66.547 ± 0.245 χ^2/NDF : 1550.2/10

+ sign -66.308 ± 0.240 χ^2/NDF : 1542.9/28

All: -66.330 ± 0.167 χ^2/NDF : 3543.8/58

- 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 ± 0.457 χ^2/NDF : 3330.3/16

Left Out: 41.790 ± 0.210 χ^2/NDF : 482.1/11

Right Out: 27.441 ± 0.479 χ^2/NDF : 3033.0/18

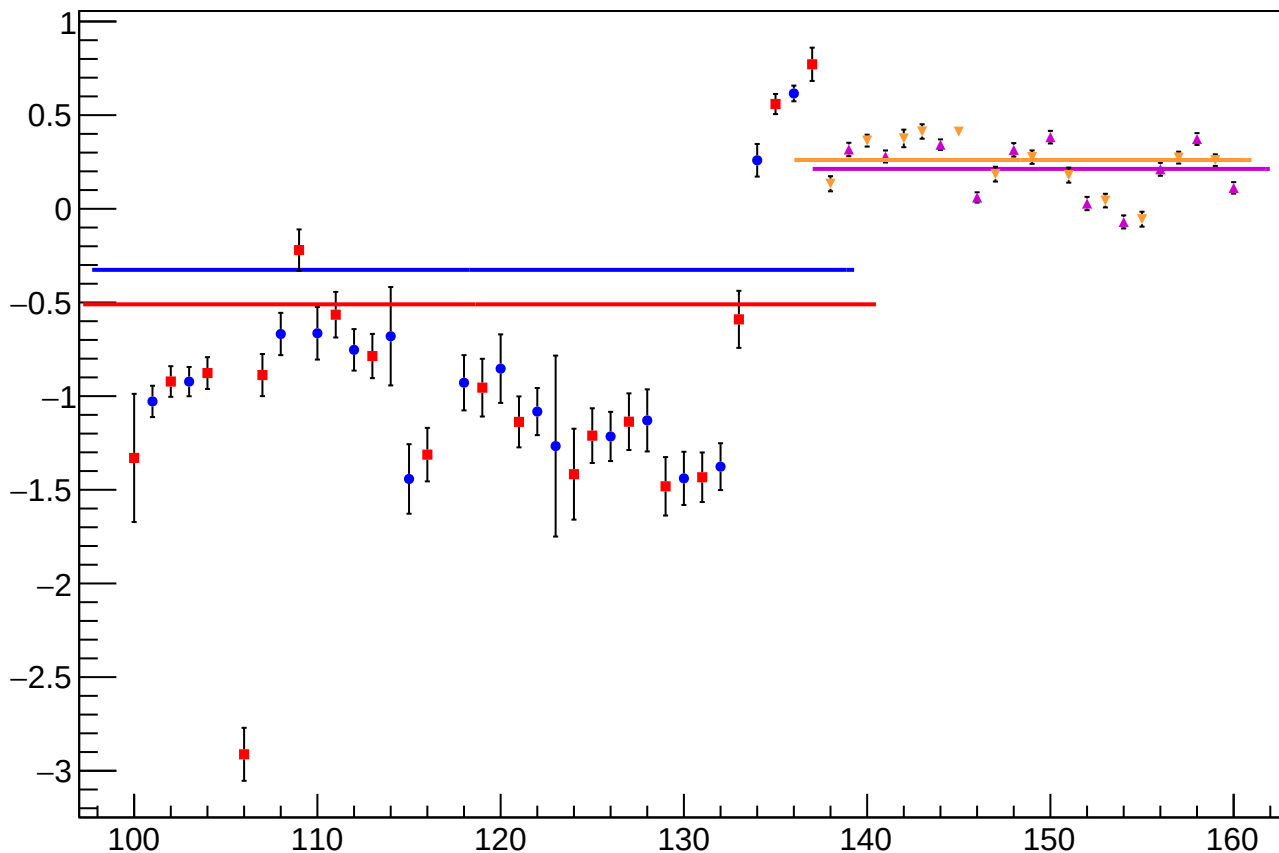
Left In: 42.631 ± 0.202 χ^2/NDF : 125.4/10

+ sign 39.459 ± 0.191 χ^2/NDF : 4518.2/28

All: 39.910 ± 0.133 χ^2/NDF : 8542.7/58

- sign 40.338 ± 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: 0.261 ± 0.010 χ^2/NDF : 187.1/11

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

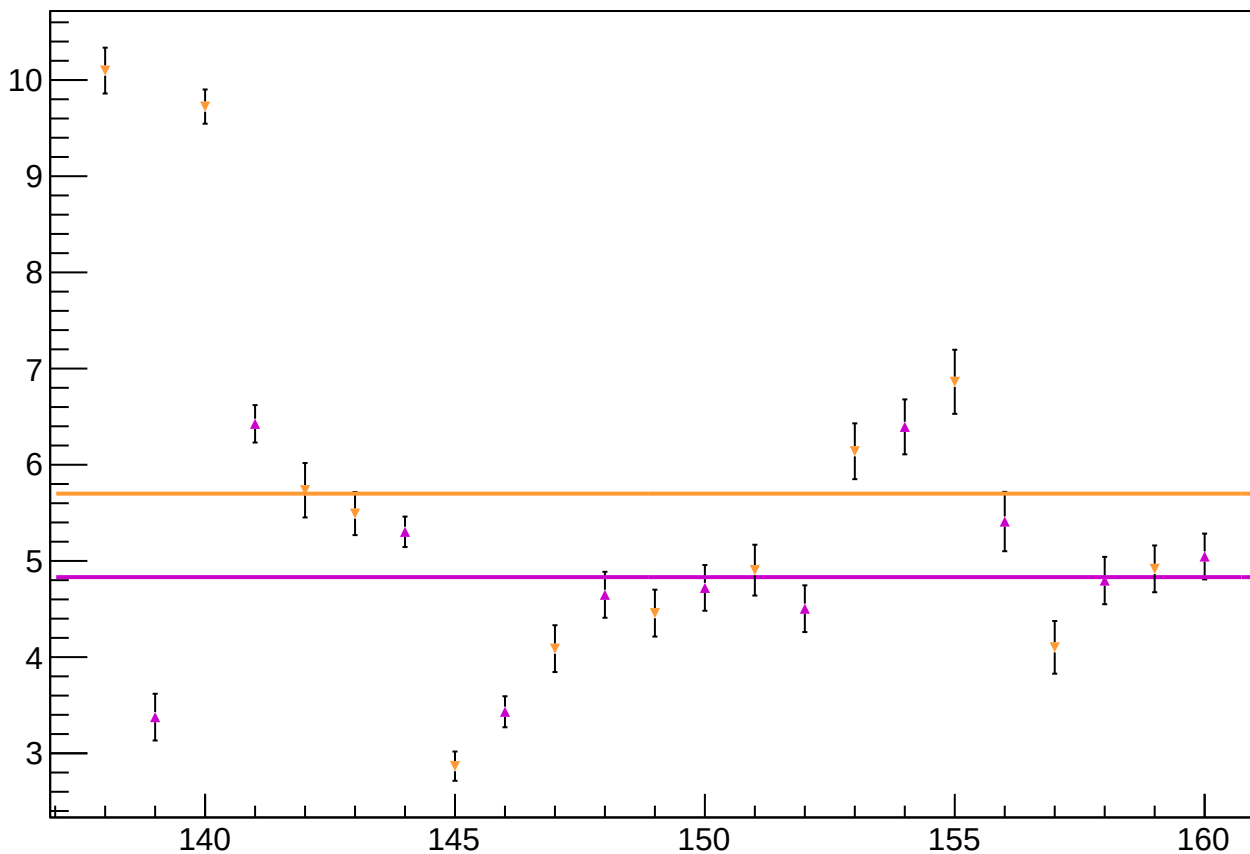
Left In: 0.213 ± 0.010 χ^2/NDF : 226.9/10

+ sign 0.178 ± 0.009 χ^2/NDF : 1677.0/28

All: 0.149 ± 0.007 χ^2/NDF : 3783.6/58

- 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: 5.700+/-0.067 χ^2/NDF :1337.0/11

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

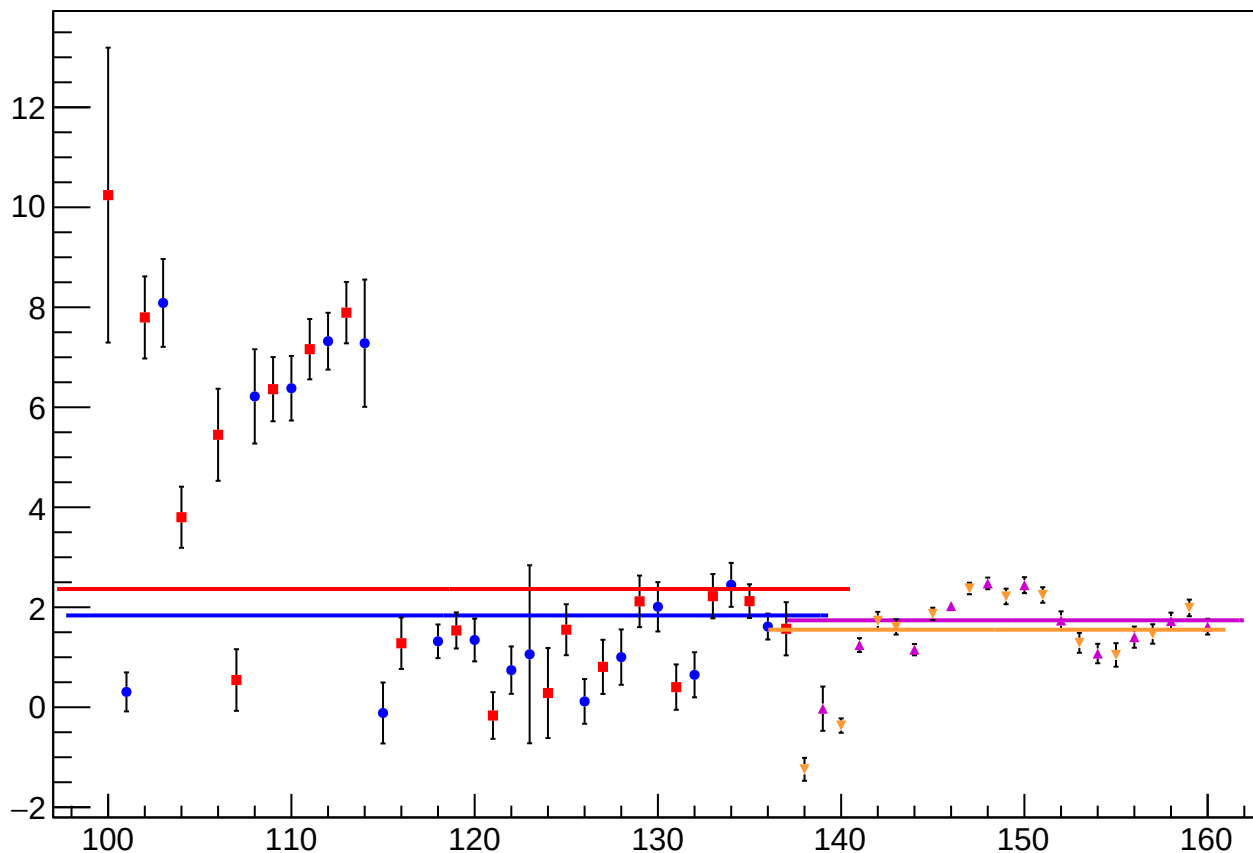
Left In: 4.832+/-0.066 χ^2/NDF :224.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.259+/-0.047 χ^2/NDF : 1647.0/22

- 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: 1.551 ± 0.046 χ^2/NDF : 435.2/11

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

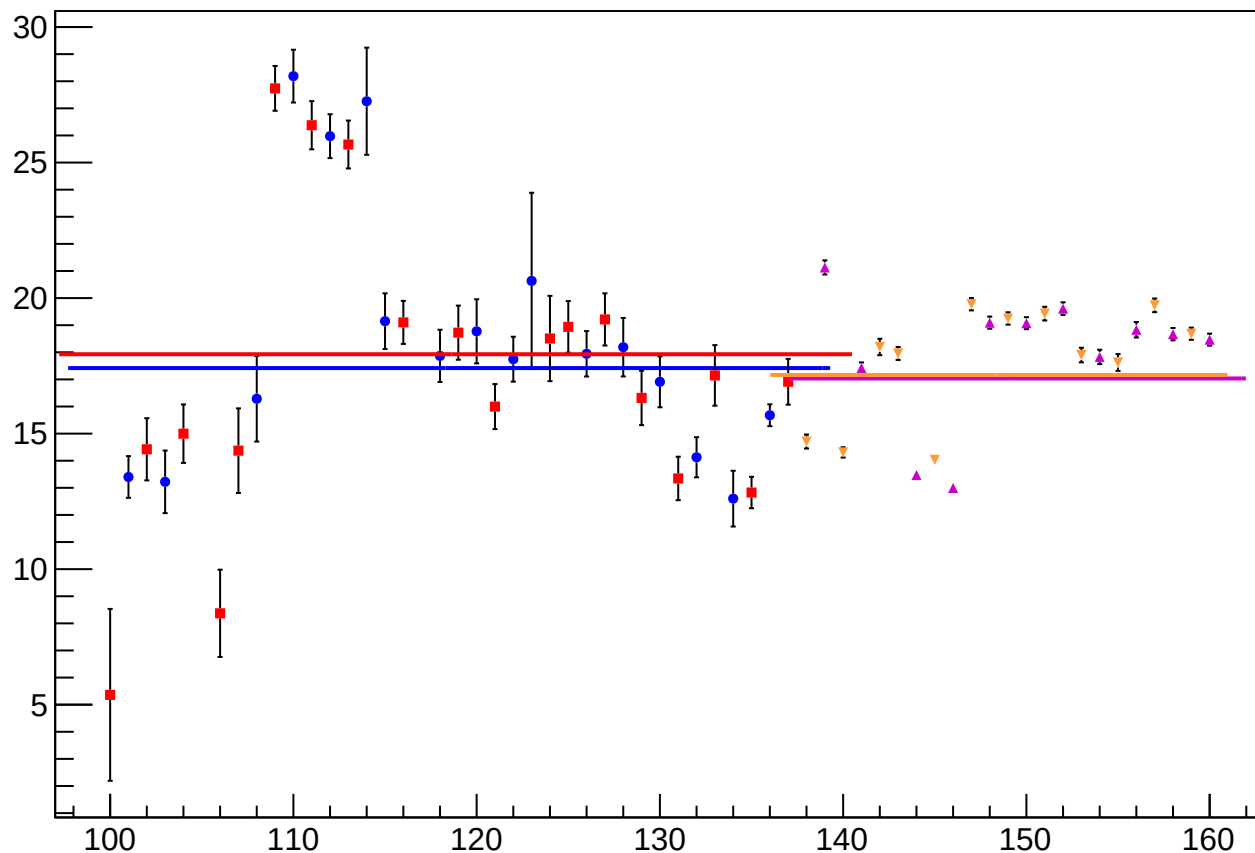
Left In: 1.739 ± 0.044 χ^2/NDF : 139.1/10

+ sign 1.590 ± 0.043 χ^2/NDF : 735.3/28

All: 1.703 ± 0.030 χ^2/NDF : 1247.6/58

- 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: 17.165 ± 0.067 χ^2/NDF : 1170.2/11

Right Out: 17.929 ± 0.219 χ^2/NDF : 506.3/18

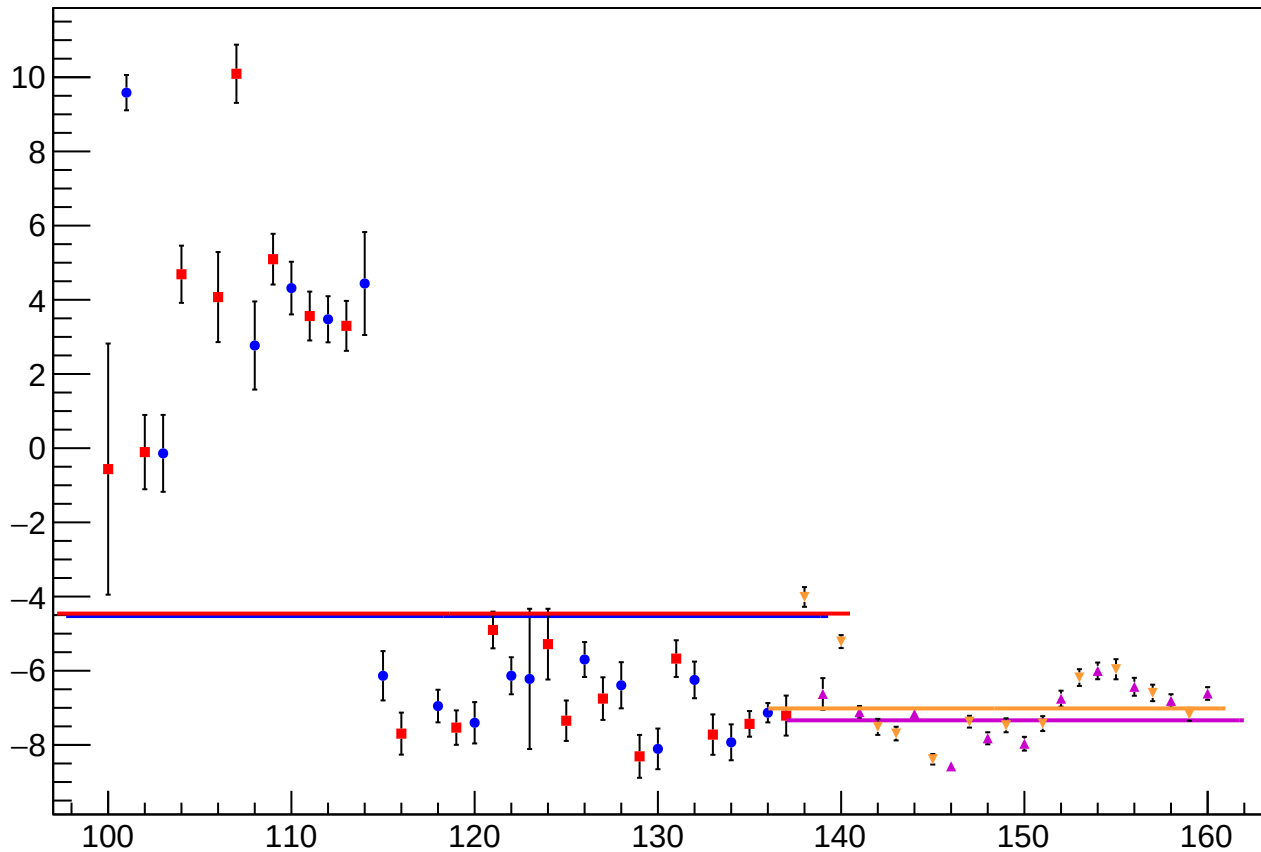
Left In: 17.035 ± 0.065 χ^2/NDF : 1803.9/10

+ sign 17.188 ± 0.064 χ^2/NDF : 1538.3/28

All: 17.146 ± 0.044 χ^2/NDF : 3864.7/58

- 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: -7.016 ± 0.055 χ^2/NDF : 394.7/11

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

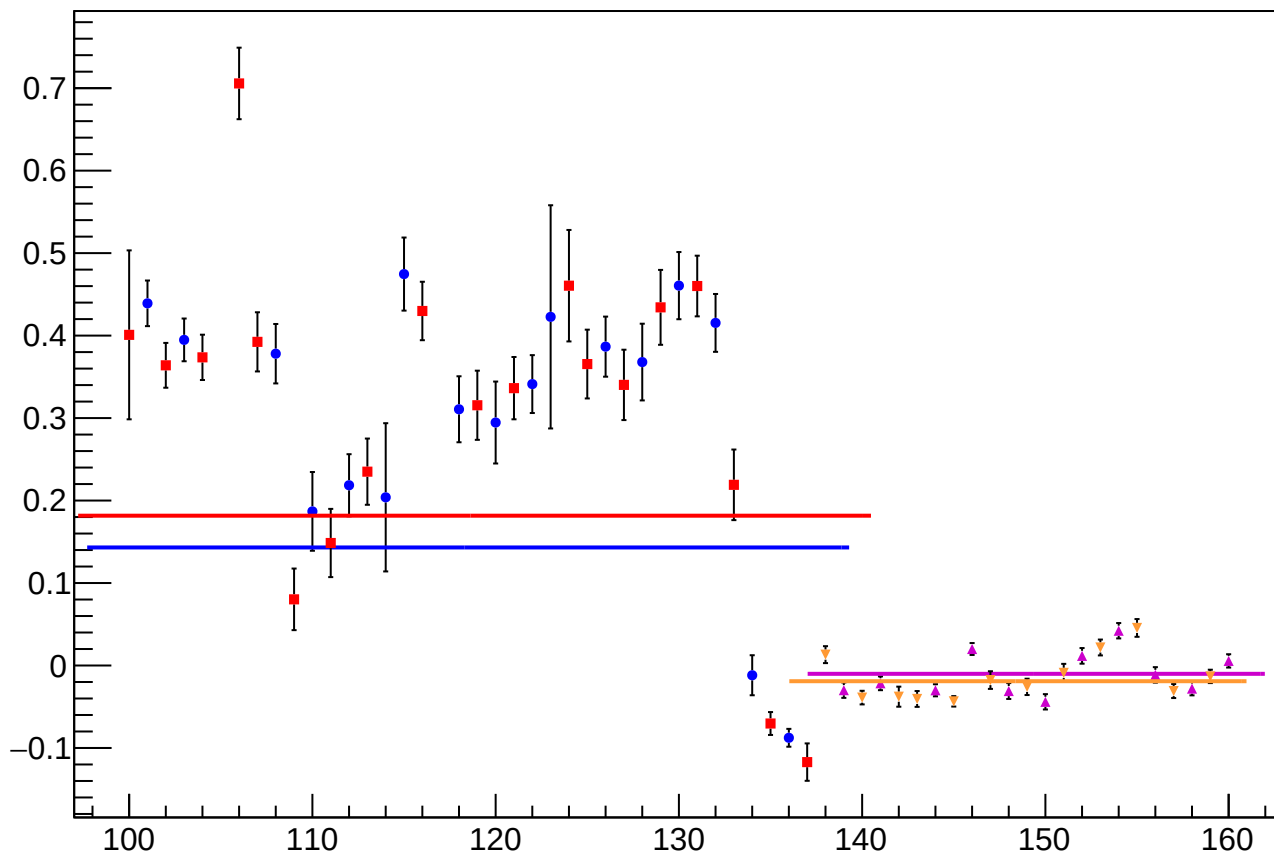
Left In: -7.337 ± 0.053 χ^2/NDF : 209.3/10

+ sign -6.631 ± 0.051 χ^2/NDF : 2297.3/28

All: -6.799 ± 0.036 χ^2/NDF : 4250.5/58

- 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 $\chi^2/\text{NDF}: 1060.4/16$

Left Out: -0.019 ± 0.003 $\chi^2/\text{NDF}: 95.7/11$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

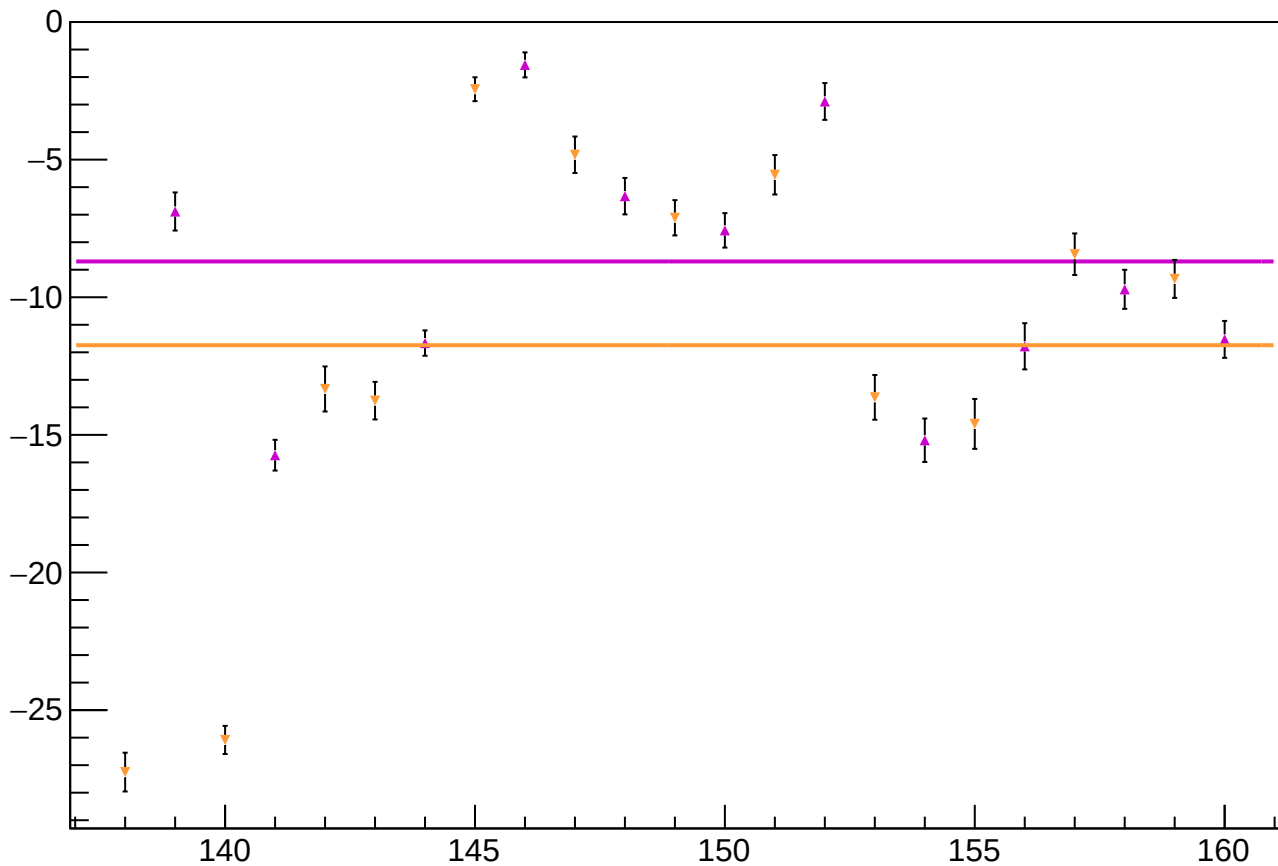
Left In: -0.010 ± 0.003 $\chi^2/\text{NDF}: 94.5/10$

+ sign 0.001 ± 0.002 $\chi^2/\text{NDF}: 1619.7/28$

All: 0.006 ± 0.002 $\chi^2/\text{NDF}: 3330.3/58$

- sign 0.011 ± 0.002 $\chi^2/\text{NDF}: 1702.8/29$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -11.742+/-0.189 χ^2/NDF : 2027.5/11

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

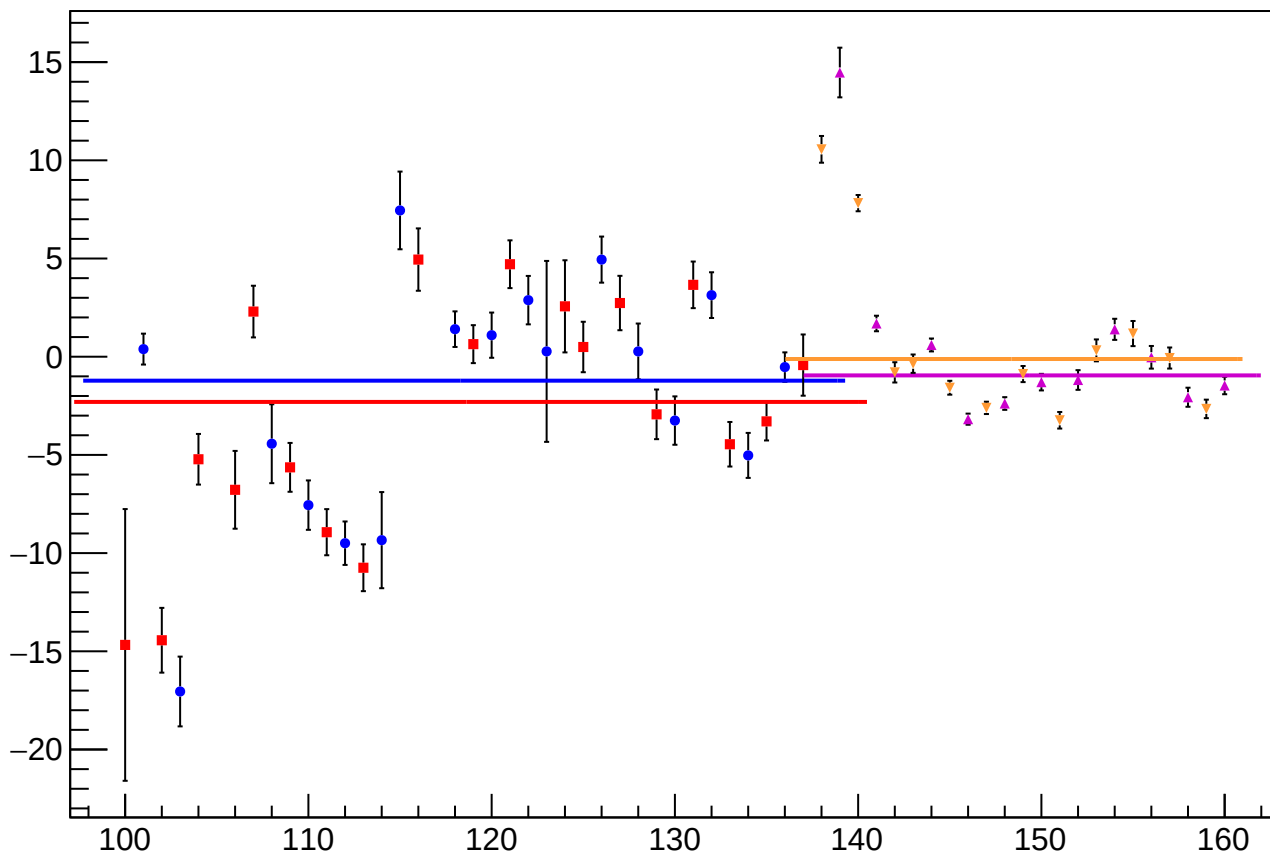
Left In: -8.699+/-0.185 χ^2/NDF : 646.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.191+/-0.132 χ^2/NDF : 2806.7/22

- 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: -0.117 ± 0.130 χ^2/NDF : 786.7/11

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

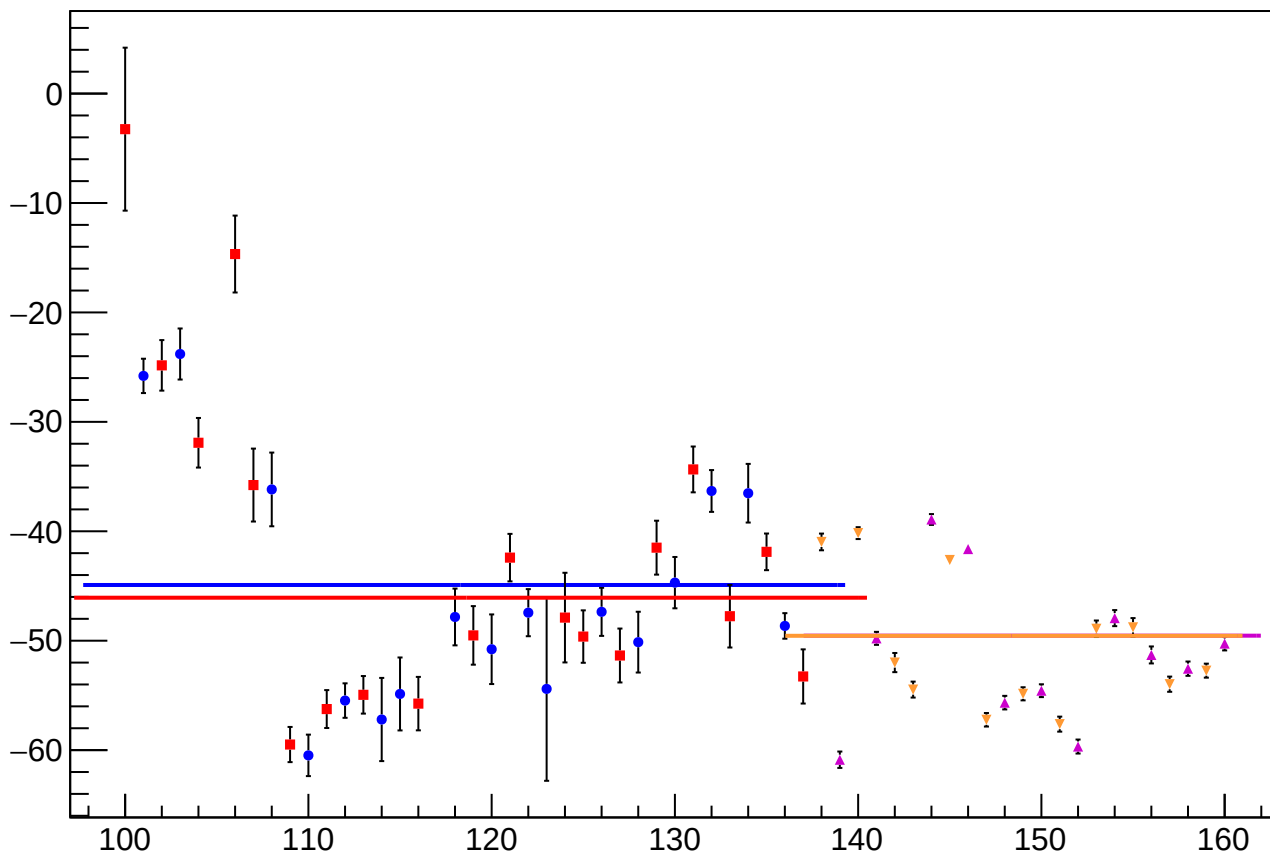
Left In: -0.952 ± 0.125 χ^2/NDF : 326.4/10

+ sign -0.300 ± 0.118 χ^2/NDF : 1077.4/28

All: -0.734 ± 0.083 χ^2/NDF : 1733.3/58

- 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: -49.552 ± 0.188 χ^2/NDF : 1141.5/11

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

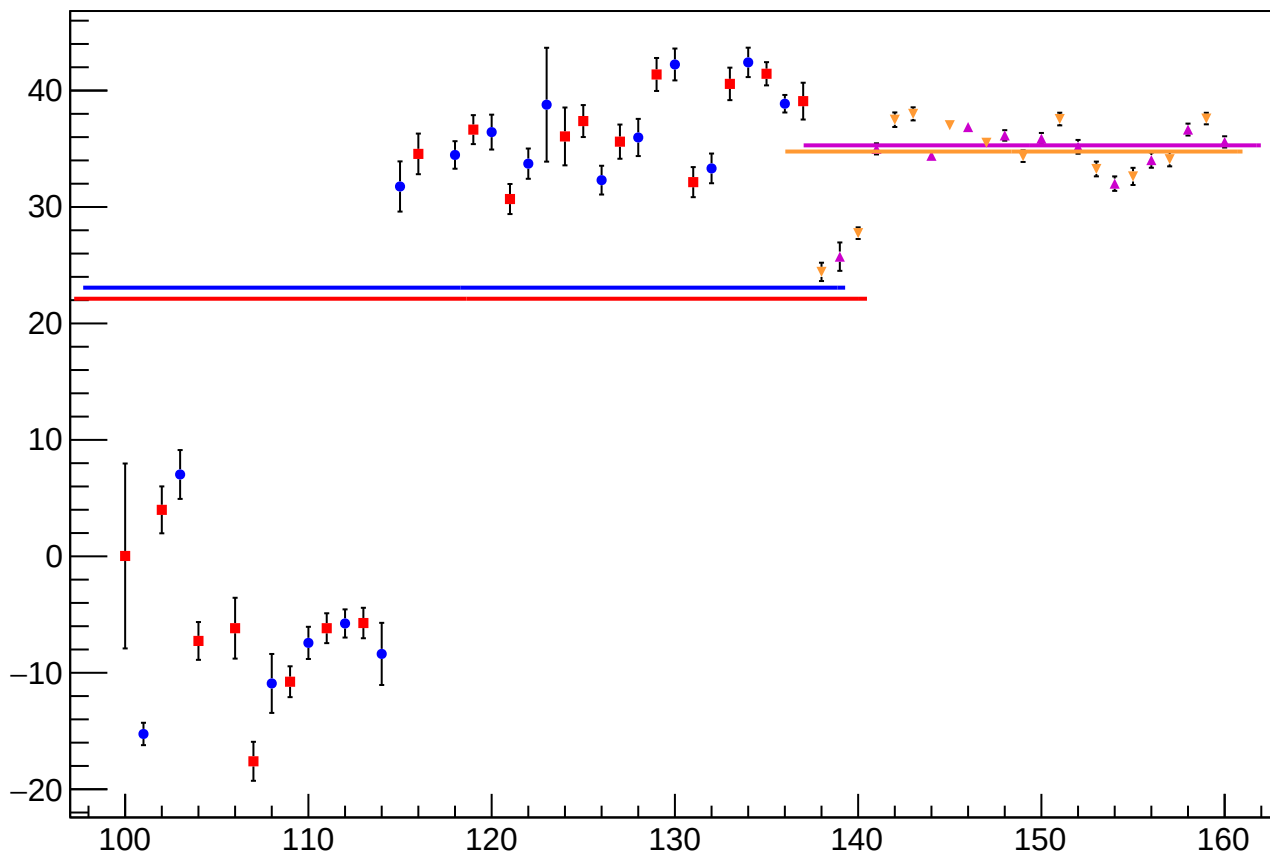
Left In: -49.540 ± 0.182 χ^2/NDF : 1474.6/10

+ sign -49.018 ± 0.177 χ^2/NDF : 1632.6/28

All: -49.098 ± 0.123 χ^2/NDF : 3600.1/58

- 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: 34.763 $\pm$ 0.156 χ^2 /NDF: 528.7/11

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

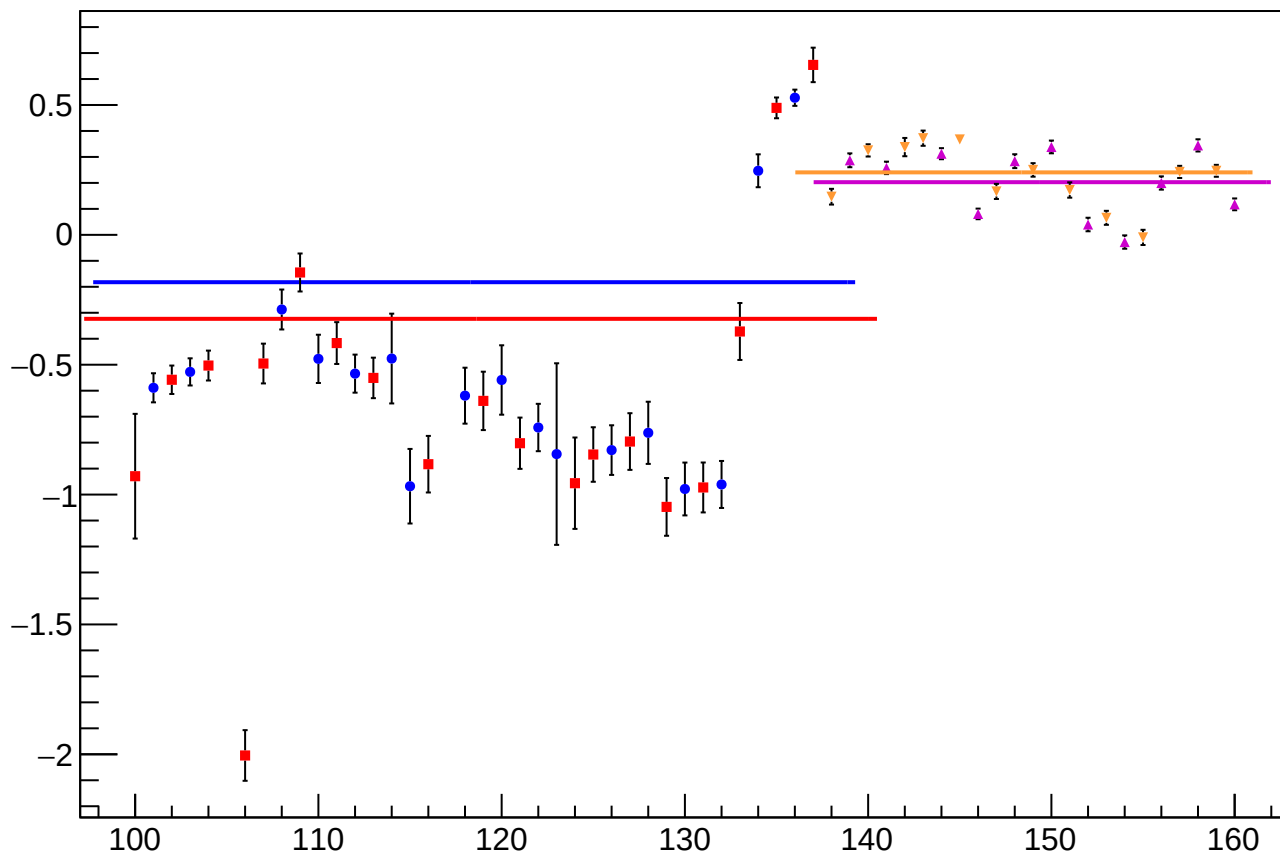
Left In: 35.293 $\pm$ 0.150 χ^2 /NDF: 130.7/10

+ sign 32.587 $\pm$ 0.141 χ^2 /NDF: 5921.2/28

All: 32.874 $\pm$ 0.098 χ^2 /NDF: 11351.5/58

- 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: 0.241 ± 0.007 χ^2/NDF : 226.7/11

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

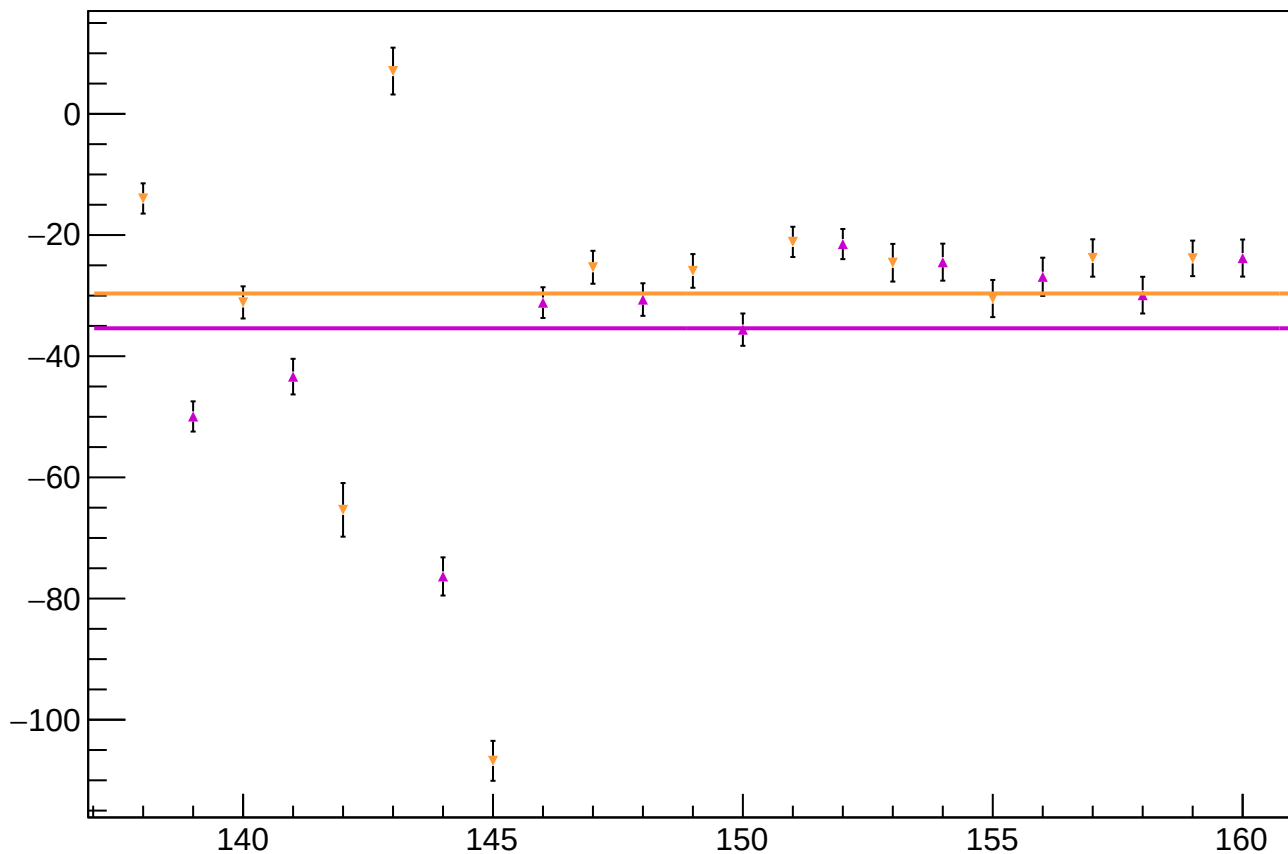
Left In: 0.203 ± 0.007 χ^2/NDF : 287.0/10

+ sign 0.177 ± 0.007 χ^2/NDF : 1708.2/28

All: 0.153 ± 0.005 χ^2/NDF : 3926.9/58

- 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: -29.648+/-0.855 χ^2/NDF : 768.8/11

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

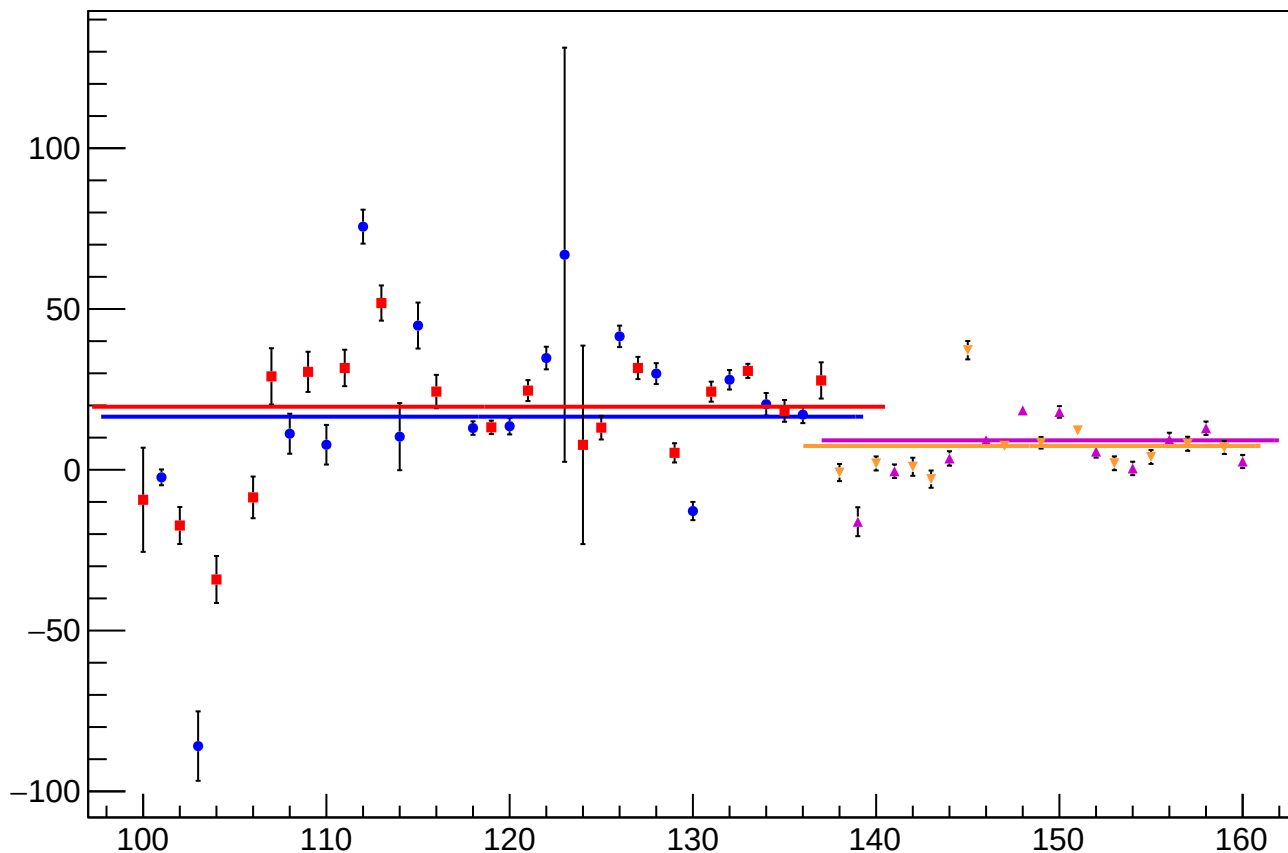
Left In: -35.391+/-0.846 χ^2/NDF : 285.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.549+/-0.601 χ^2/NDF : 1076.6/22

- 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 $\chi^2/\text{NDF}: 519.6/16$

Left Out: 7.404 ± 0.575 $\chi^2/\text{NDF}: 165.2/11$

Right Out: 19.604 ± 0.898 $\chi^2/\text{NDF}: 242.0/18$

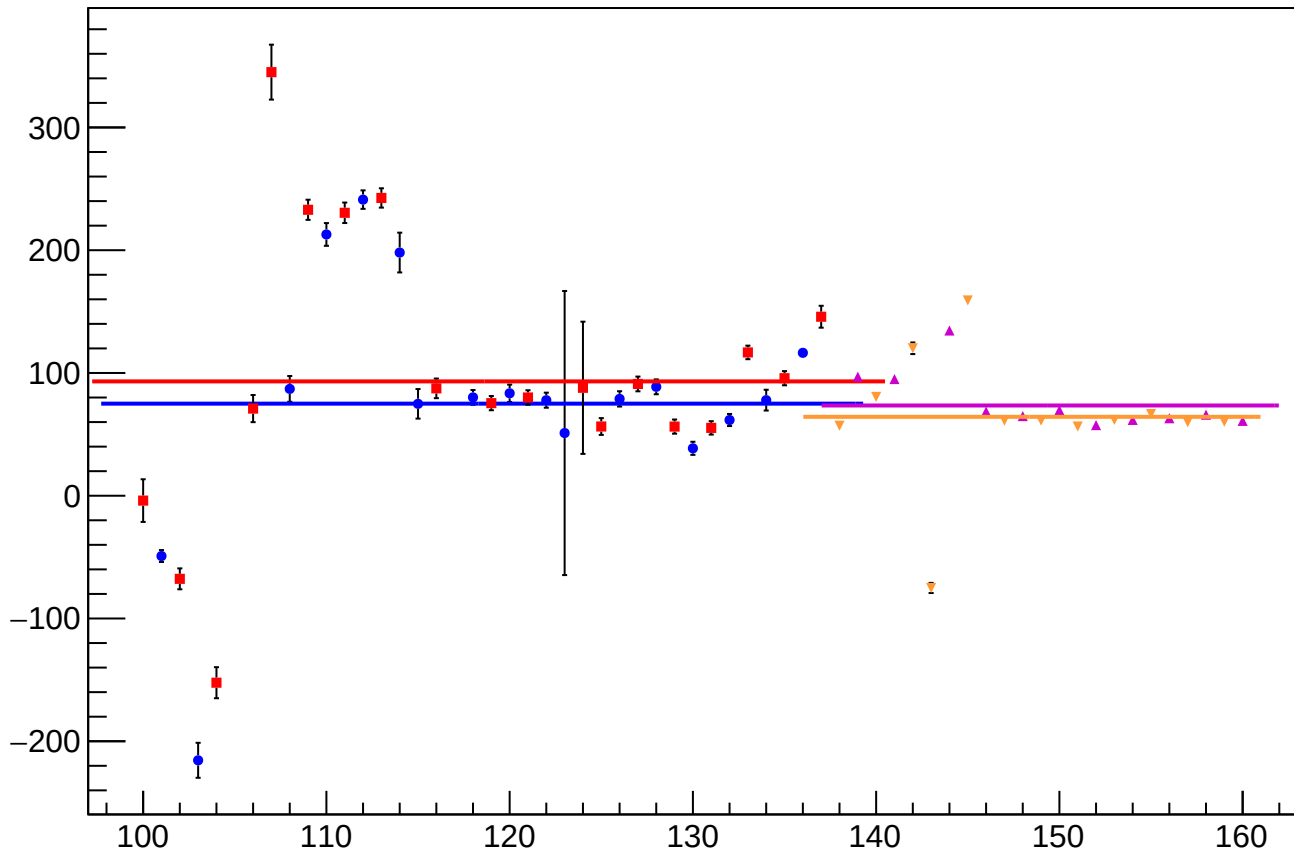
Left In: 9.156 ± 0.576 $\chi^2/\text{NDF}: 168.0/10$

+ sign 10.272 ± 0.476 $\chi^2/\text{NDF}: 764.0/28$

All: 11.218 ± 0.340 $\chi^2/\text{NDF}: 1277.9/58$

- sign 12.202 ± 0.485 $\chi^2/\text{NDF}: 505.8/29$

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 64.280 $\pm$ 0.836 χ^2 /NDF: 2107.6/11

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

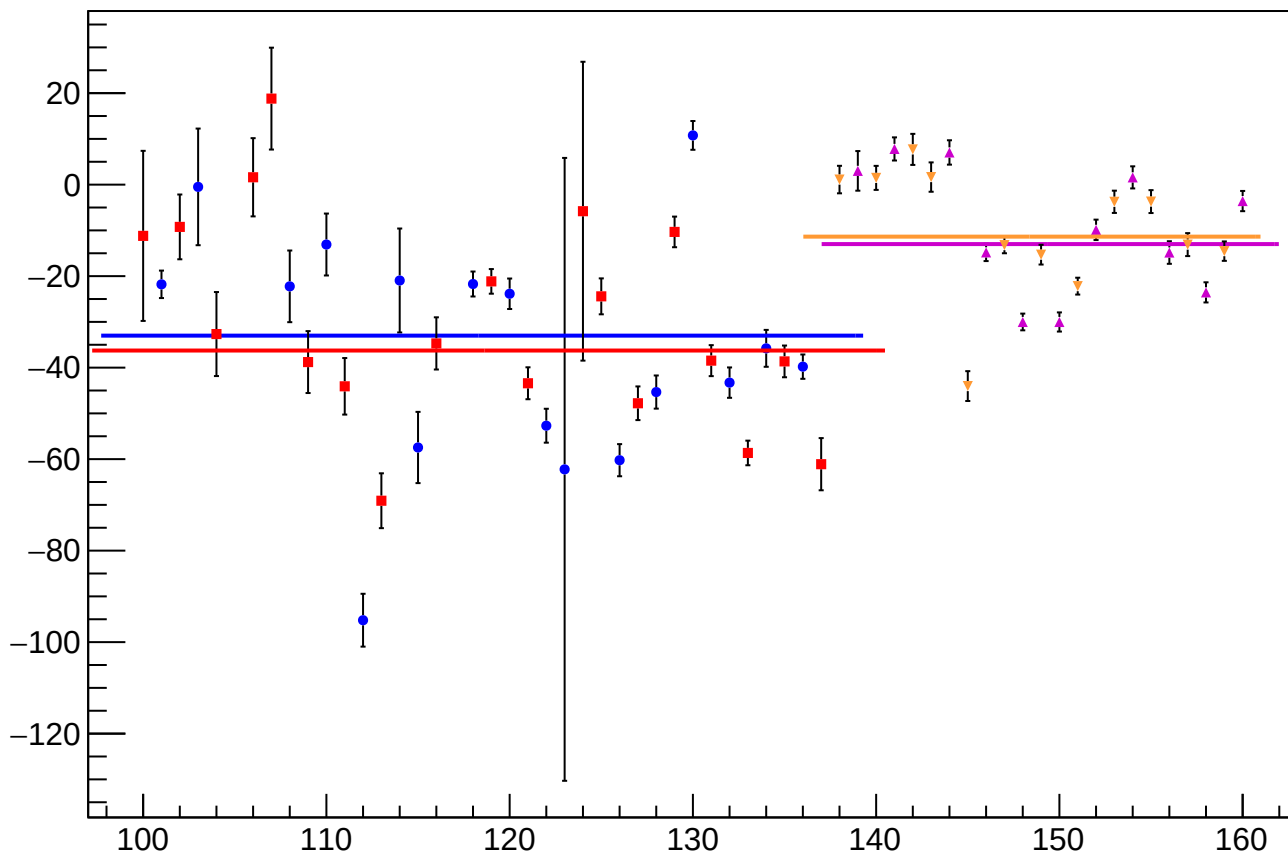
Left In: 73.516 $\pm$ 0.821 χ^2 /NDF: 570.7/10

+ sign 66.504 $\pm$ 0.745 χ^2 /NDF: 4141.0/28

All: 71.879 $\pm$ 0.525 χ^2 /NDF: 6924.5/58

- 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: -11.365 ± 0.695 χ^2/NDF : 250.3/11

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

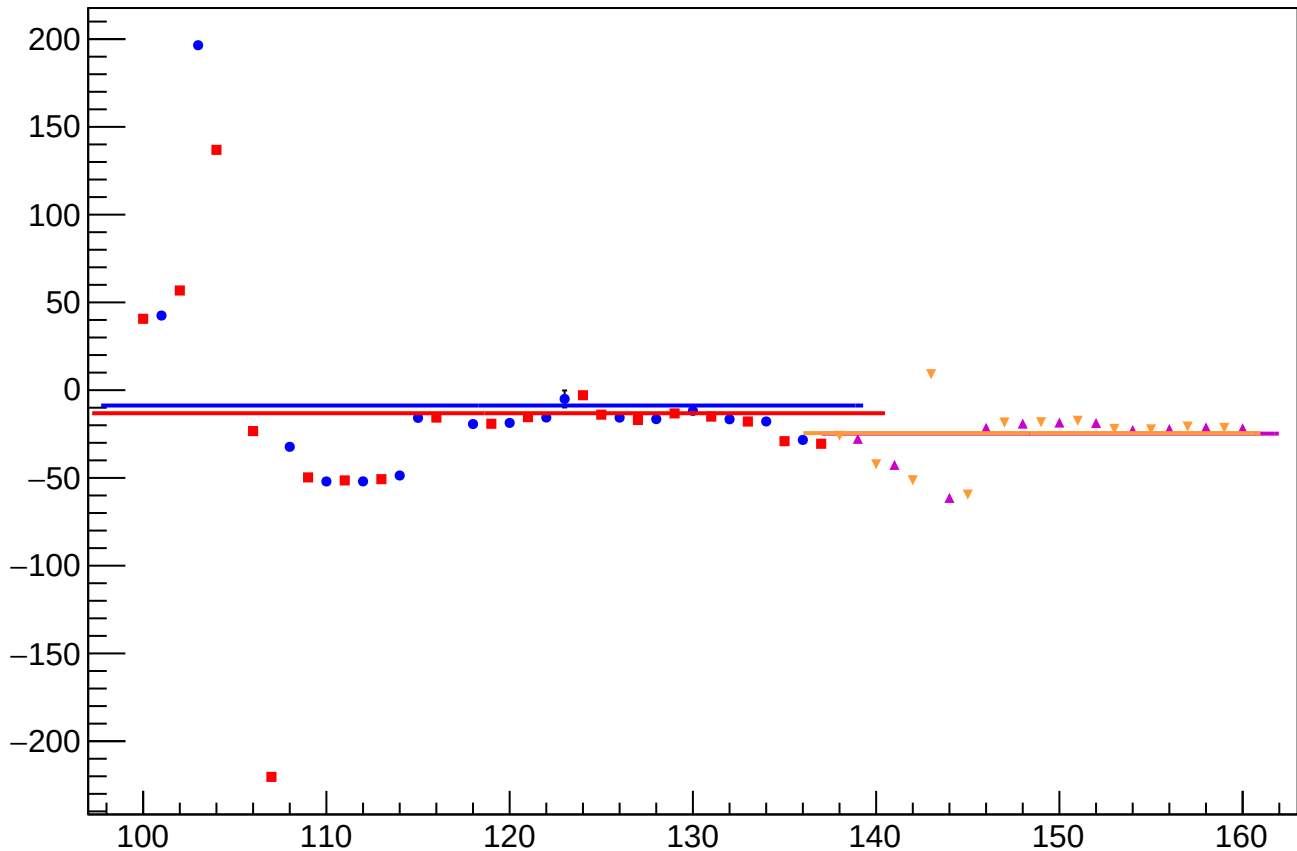
Left In: -12.993 ± 0.690 χ^2/NDF : 371.8/10

+ sign -18.694 ± 0.566 χ^2/NDF : 1071.3/28

All: -19.457 ± 0.402 χ^2/NDF : 2098.4/58

- 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: -24.483 ± 0.033 $\chi^2/\text{NDF}: 163190.3/11$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

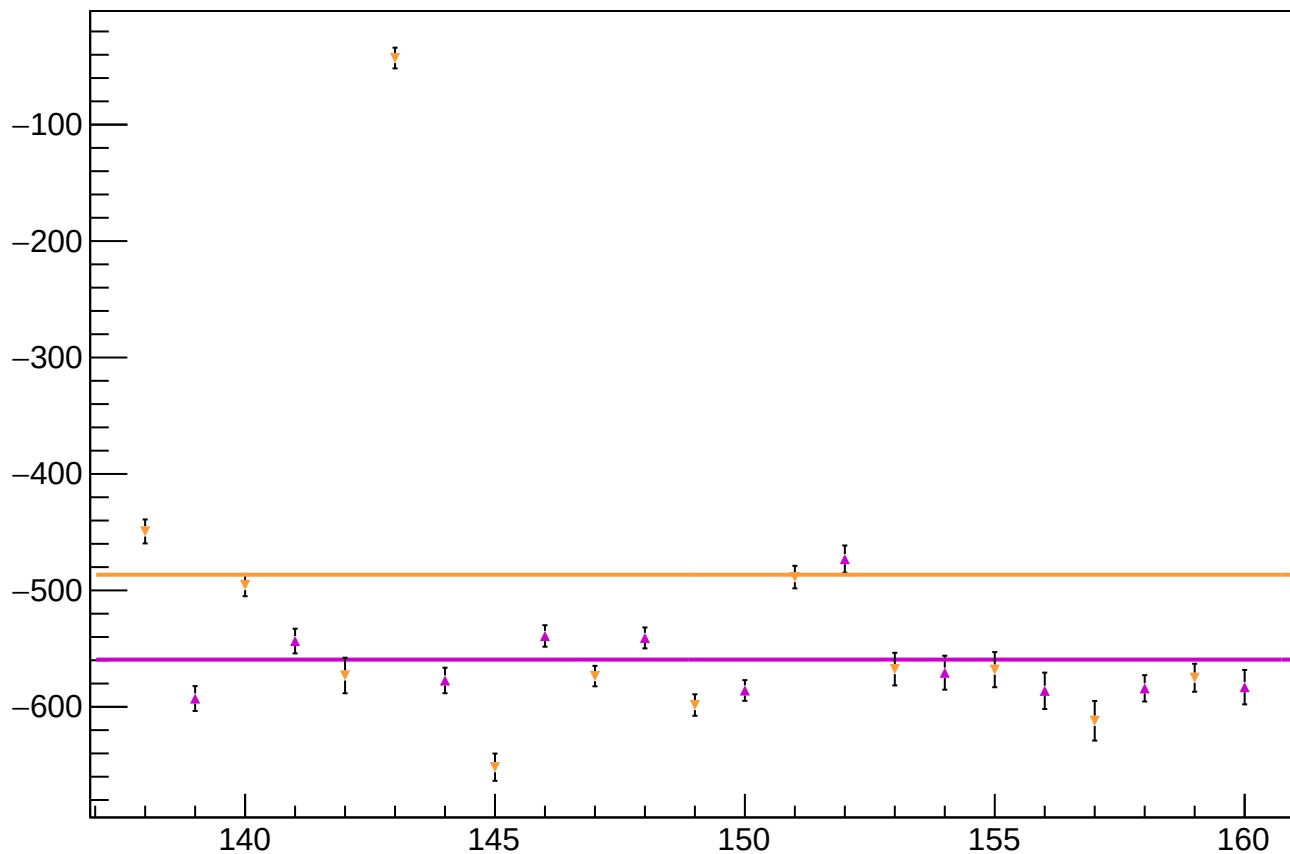
Left In: -24.771 ± 0.032 $\chi^2/\text{NDF}: 96936.6/10$

+ sign -20.750 ± 0.029 $\chi^2/\text{NDF}: 793788.0/28$

All: -21.545 ± 0.020 $\chi^2/\text{NDF}: 1478886.1/58$

- 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: -486.538+/-3.167 χ^2/NDF : 3148.0/11

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

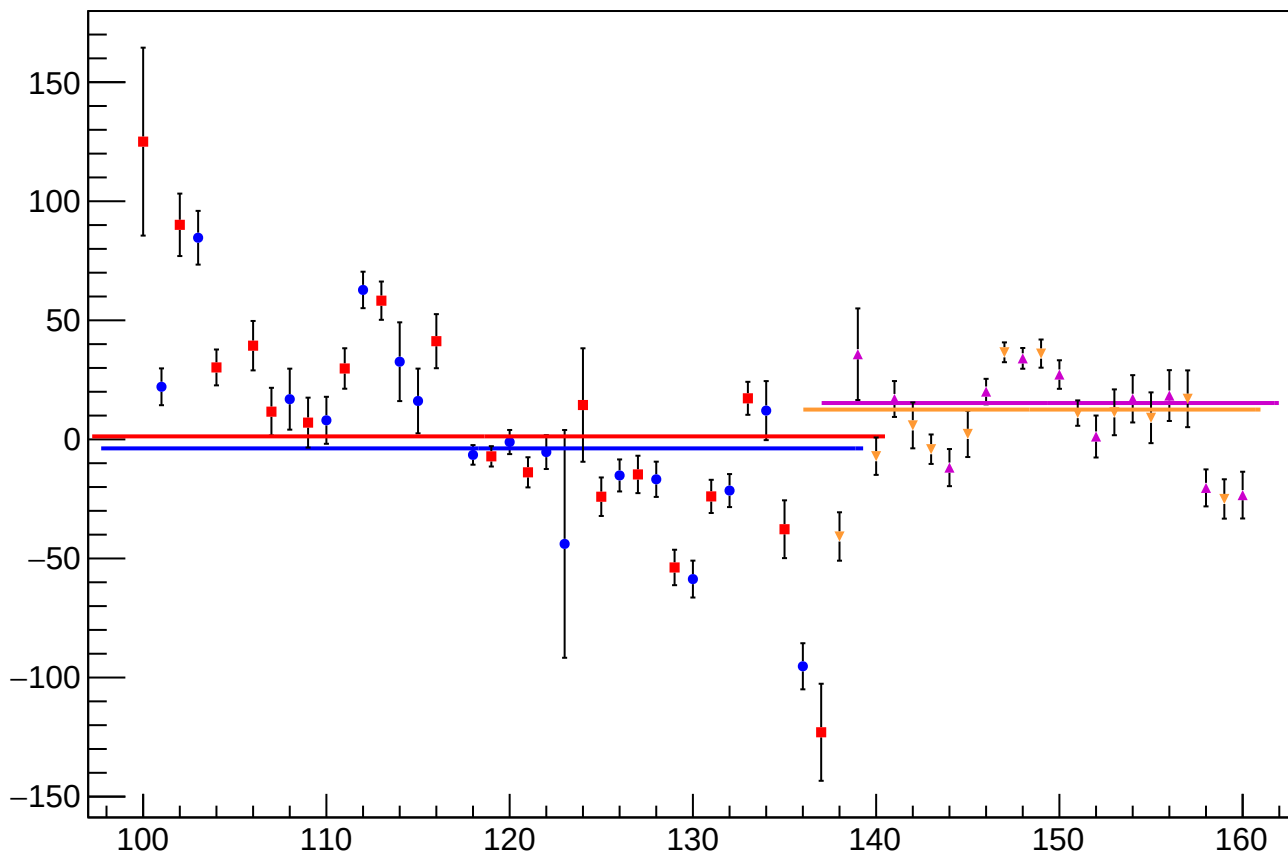
Left In: -559.418+/-3.309 χ^2/NDF : 98.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.379+/-2.288 χ^2/NDF : 3499.4/22

- 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: 12.523 ± 2.058 χ^2/NDF : 112.7/11

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

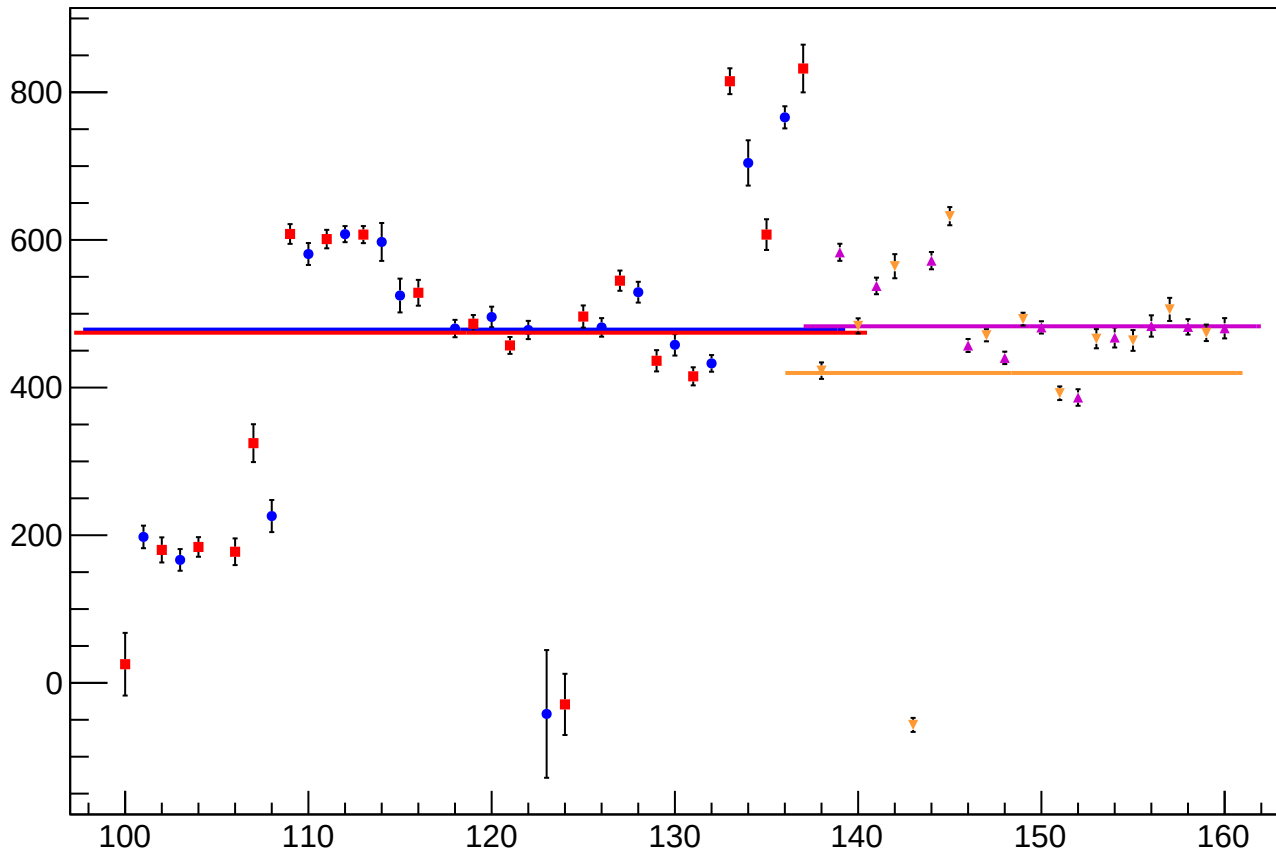
Left In: 15.275 ± 2.177 χ^2/NDF : 75.8/10

+ sign 3.677 ± 1.391 χ^2/NDF : 461.1/28

All: 5.472 ± 1.001 χ^2/NDF : 867.4/58

- sign 7.394 ± 1.440 χ^2/NDF : 402.9/29

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2 /NDF: 1629.0/16

Left Out: 419.787 $\pm$ 3.129 χ^2 /NDF:3129.1/11

Right Out: 474.328 $\pm$ 3.533 χ^2 /NDF: 2287.1/18

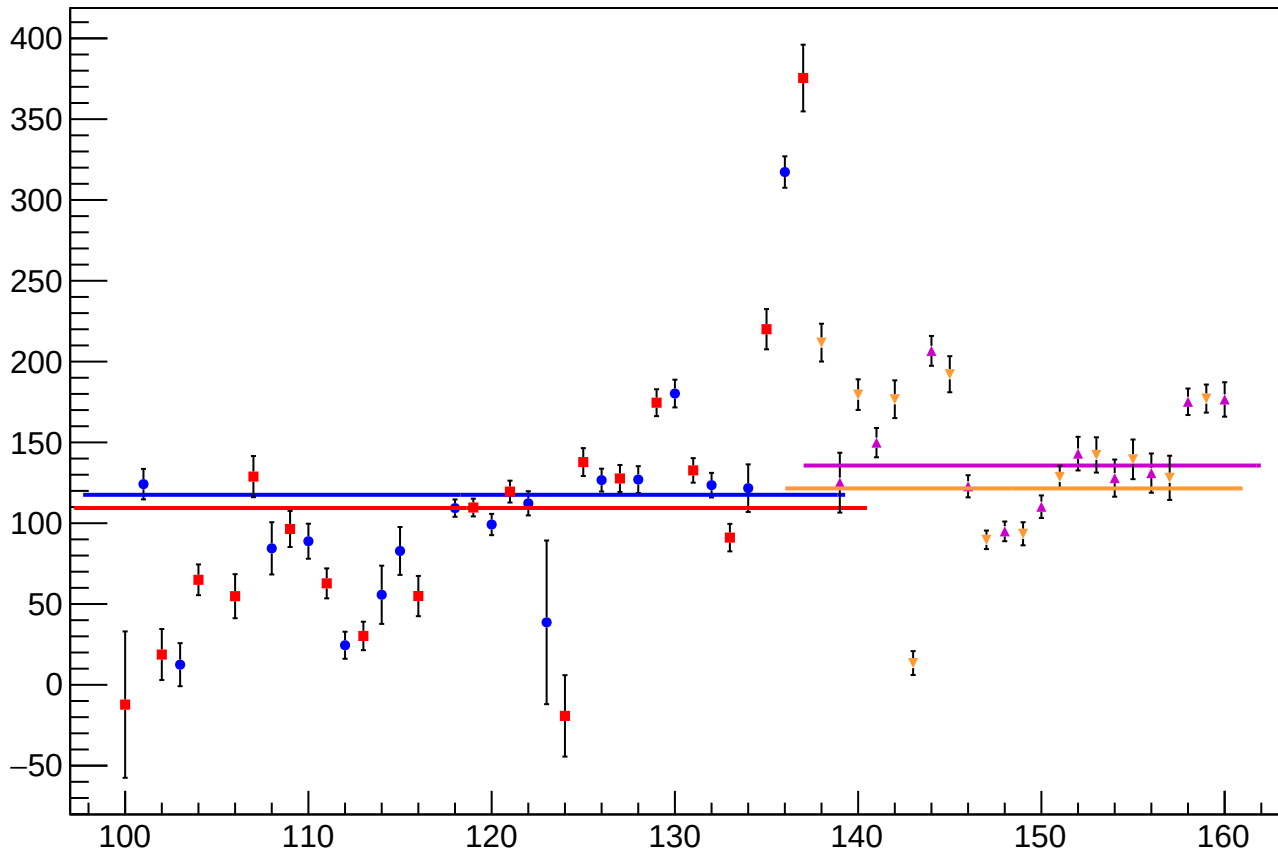
Left In: 483.005 $\pm$ 3.215 χ^2 /NDF:266.3/10

+ sign 444.823 $\pm$ 2.370 χ^2 /NDF: 4908.3/28

All: 461.893 $\pm$ 1.679 χ^2 /NDF: 7569.2/58

- sign 479.074 $\pm$ 2.378 χ^2 /NDF: 2556.7/29

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 121.529 ± 2.529 $\chi^2/\text{NDF}: 467.0/11$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

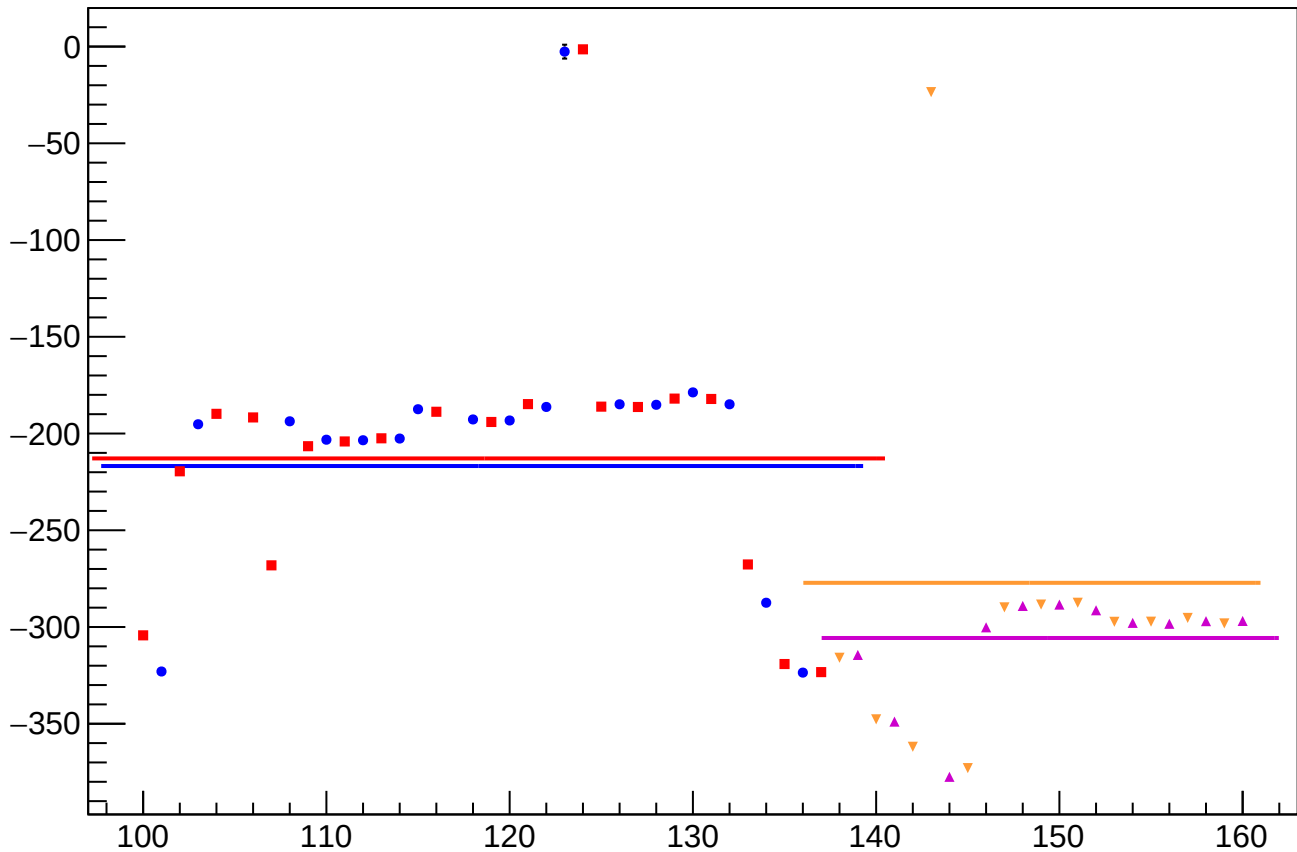
Left In: 135.689 ± 2.645 $\chi^2/\text{NDF}: 162.2/10$

+ sign 119.278 ± 1.657 $\chi^2/\text{NDF}: 1175.2/28$

All: 119.730 ± 1.185 $\chi^2/\text{NDF}: 1967.0/58$

- sign 120.204 ± 1.696 $\chi^2/\text{NDF}: 791.6/29$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 χ^2/NDF : 146976.1/16

Left Out: -277.158 ± 0.127 χ^2/NDF : 543359.2/11

Right Out: -212.869 ± 0.130 χ^2/NDF : 116393.6/18

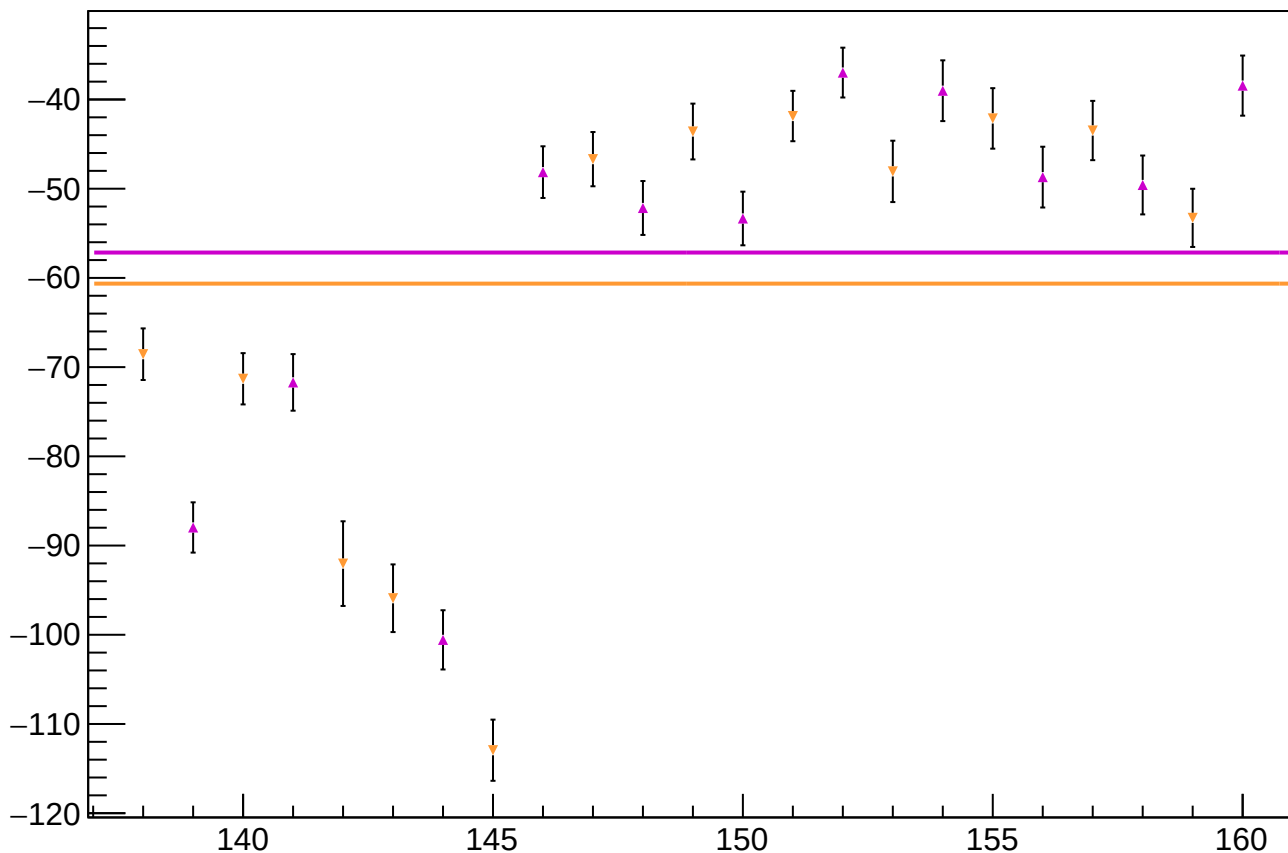
Left In: -305.675 ± 0.128 χ^2/NDF : 36126.8/10

+ sign -249.024 ± 0.093 χ^2/NDF : 796051.9/28

All: -254.655 ± 0.065 χ^2/NDF : 1214705.0/58

- sign -260.115 ± 0.091 χ^2/NDF : 411370.0/29

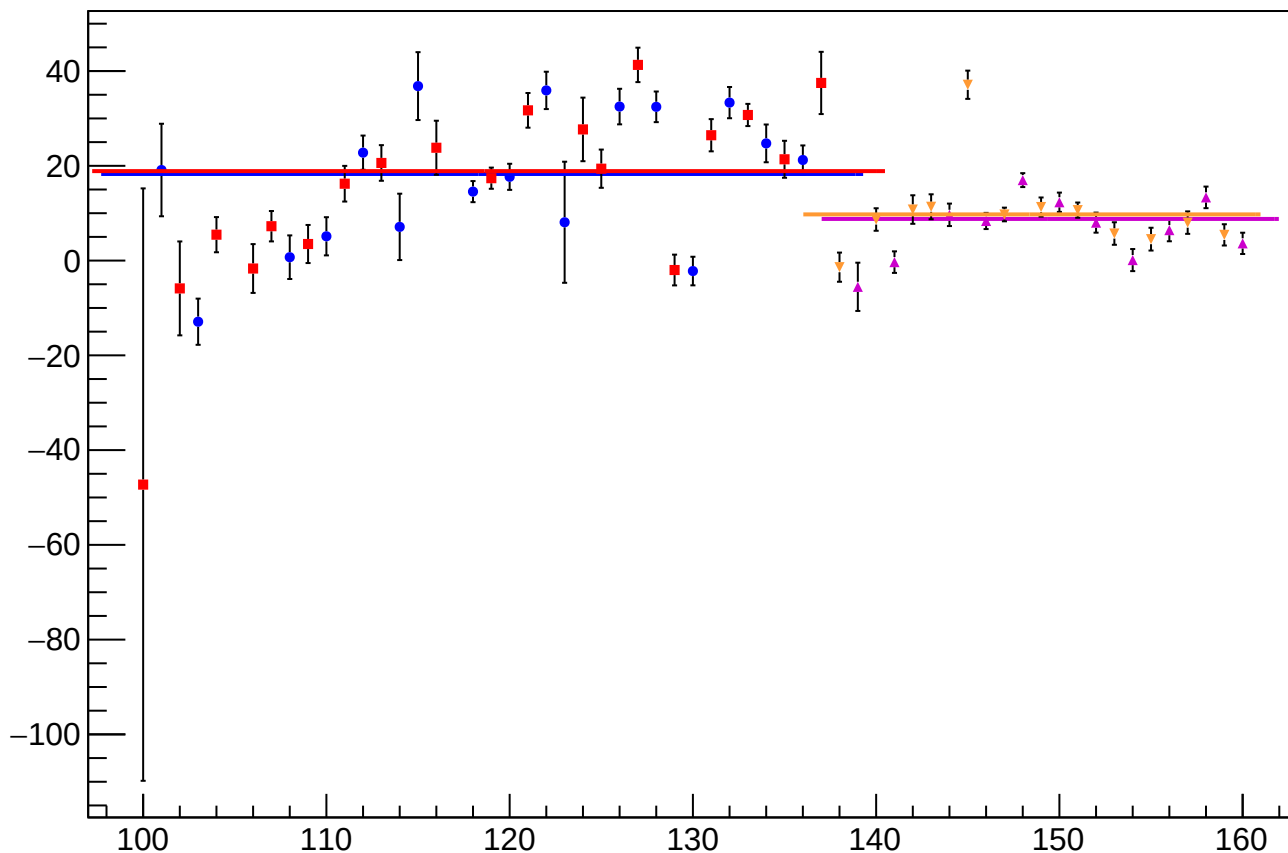
reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -60.640+/-0.940 χ^2/NDF : 554.2/11
 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: -58.895+/-0.664 χ^2/NDF : 1009.6/22
 - 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: 9.748 $\pm$ 0.633 χ^2 /NDF: 110.8/11

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

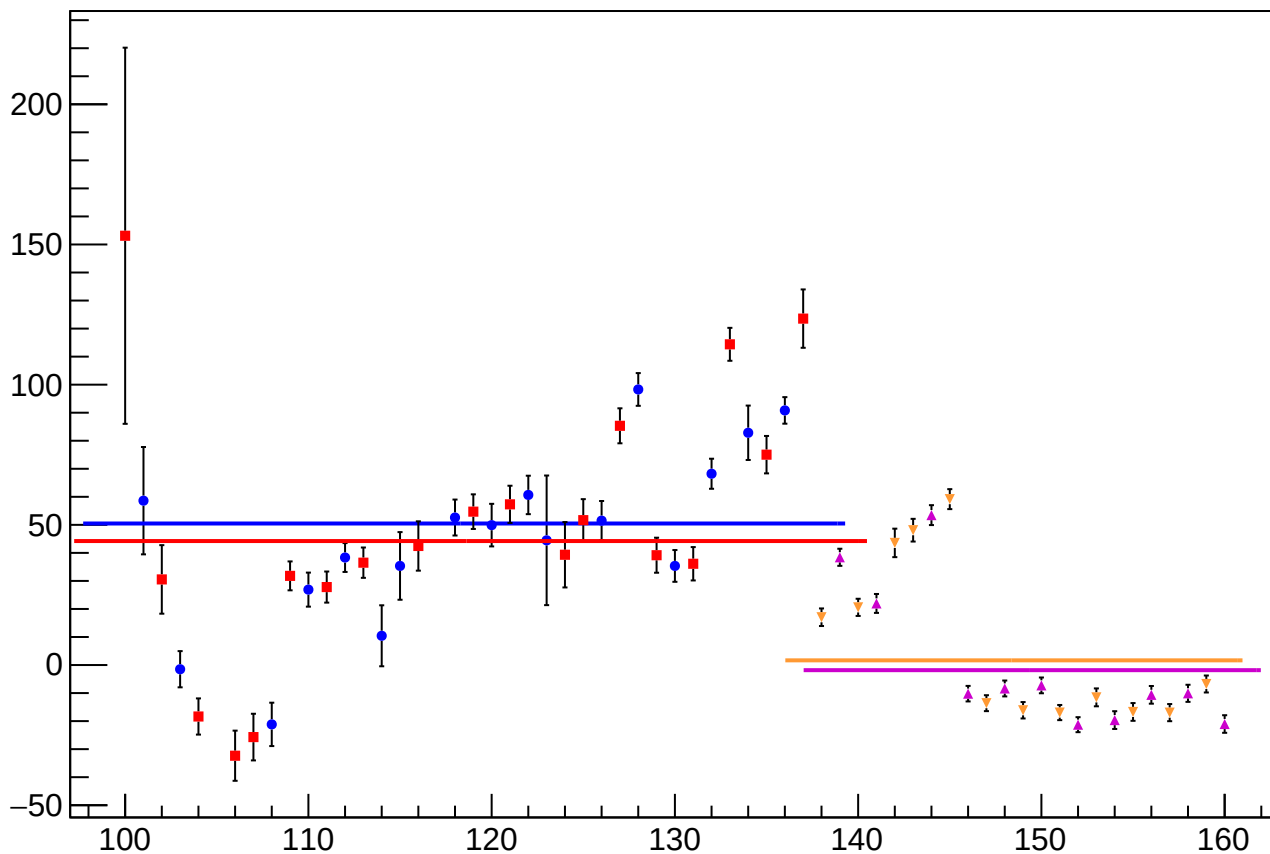
Left In: 8.788 $\pm$ 0.641 χ^2 /NDF: 82.5/10

+ sign 12.551 $\pm$ 0.519 χ^2 /NDF: 374.9/28

All: 12.458 $\pm$ 0.365 χ^2 /NDF: 744.0/58

- sign 12.367 $\pm$ 0.515 χ^2 /NDF: 369.0/29

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 ± 1.668 $\chi^2/\text{NDF}: 357.9/16$

Left Out: 1.672 ± 0.921 $\chi^2/\text{NDF}: 731.8/11$

Right Out: 44.222 ± 1.602 $\chi^2/\text{NDF}: 534.4/18$

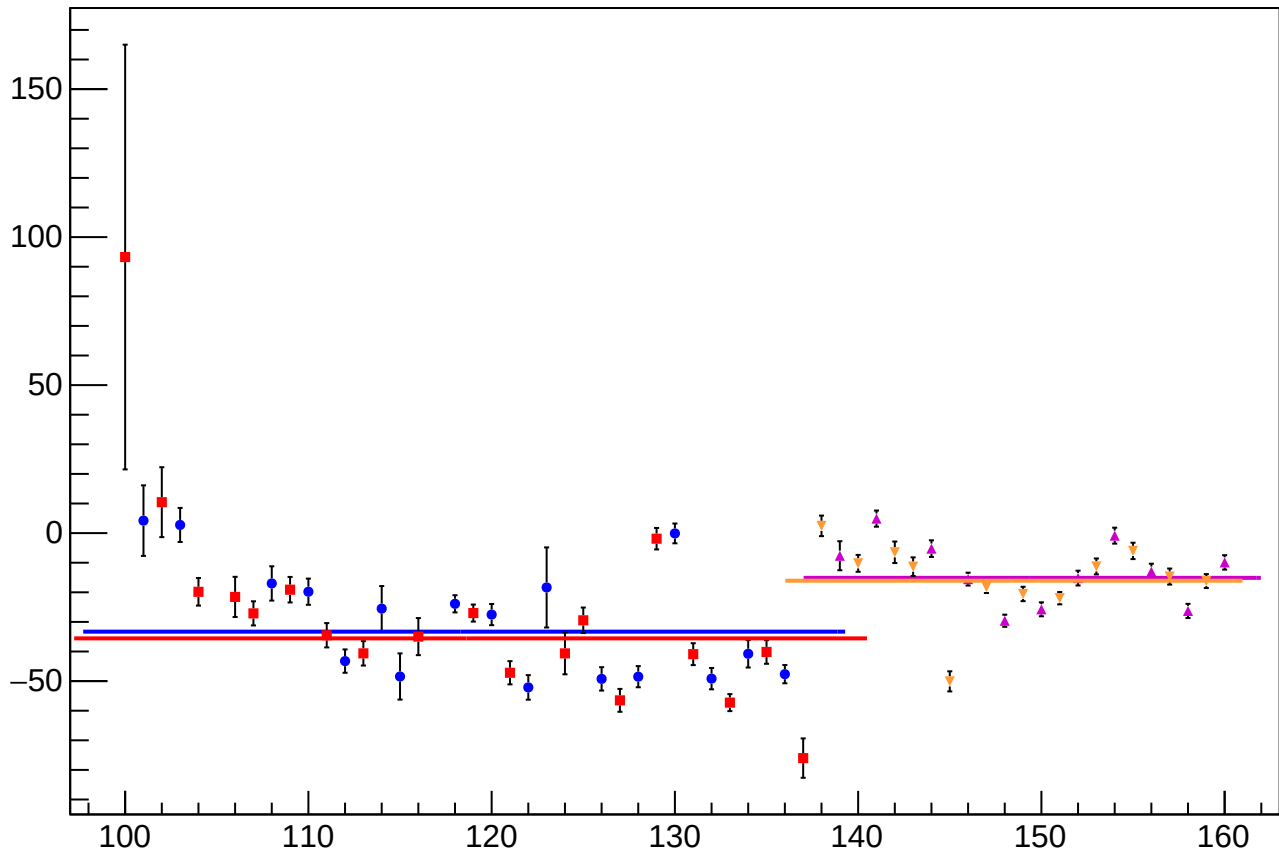
Left In: -1.831 ± 0.911 $\chi^2/\text{NDF}: 621.9/10$

+ sign 13.076 ± 0.806 $\chi^2/\text{NDF}: 1745.9/28$

All: 11.212 ± 0.565 $\chi^2/\text{NDF}: 3537.0/58$

- sign 9.414 ± 0.792 $\chi^2/\text{NDF}: 1780.5/29$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.081 ± 0.766 χ^2/NDF : 171.5/11

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

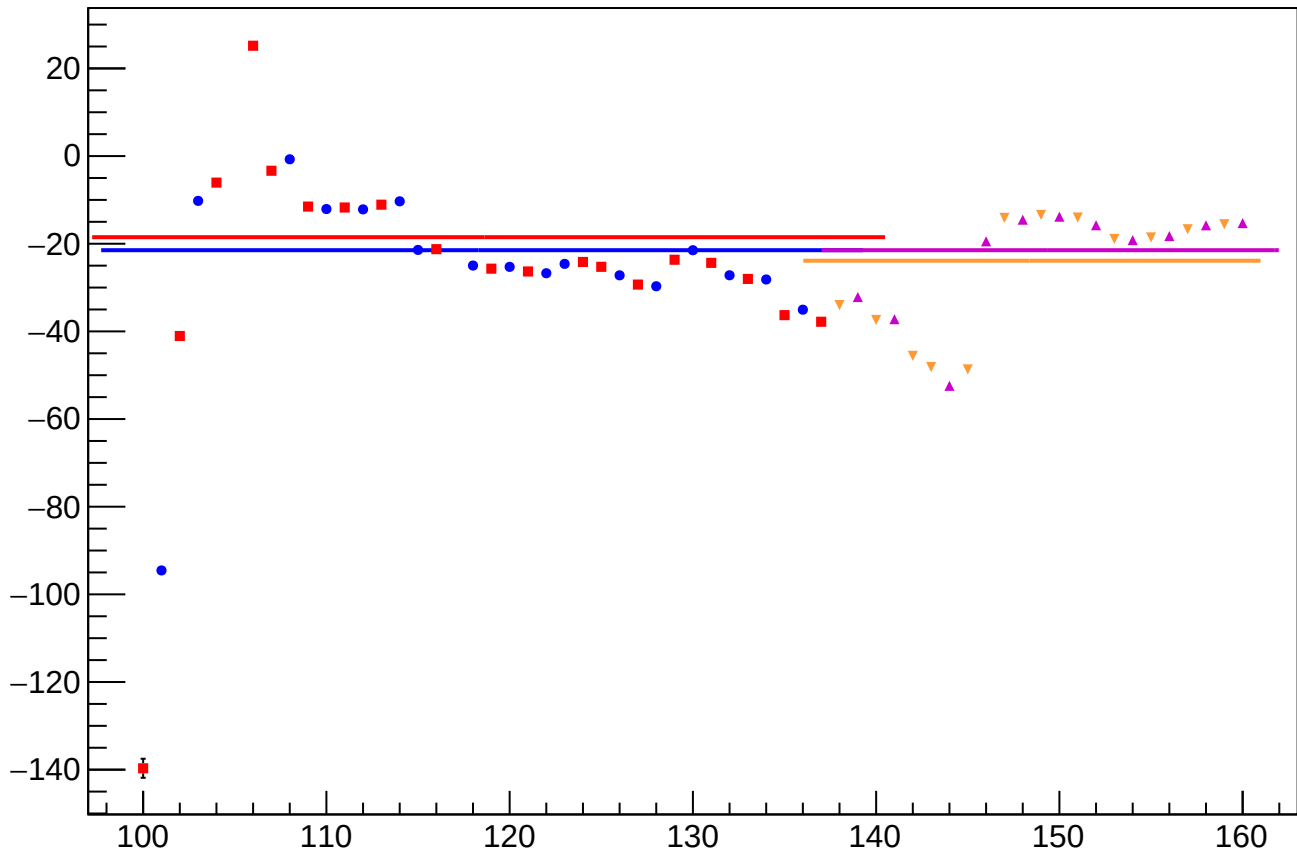
Left In: -15.114 ± 0.765 χ^2/NDF : 193.6/10

+ sign -22.184 ± 0.615 χ^2/NDF : 639.8/28

All: -22.463 ± 0.432 χ^2/NDF : 1387.8/58

- 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 χ^2/NDF : 49009.8/16

Left Out: -23.875 ± 0.036 χ^2/NDF : 116399.1/11

Right Out: -18.506 ± 0.057 χ^2/NDF : 80734.5/18

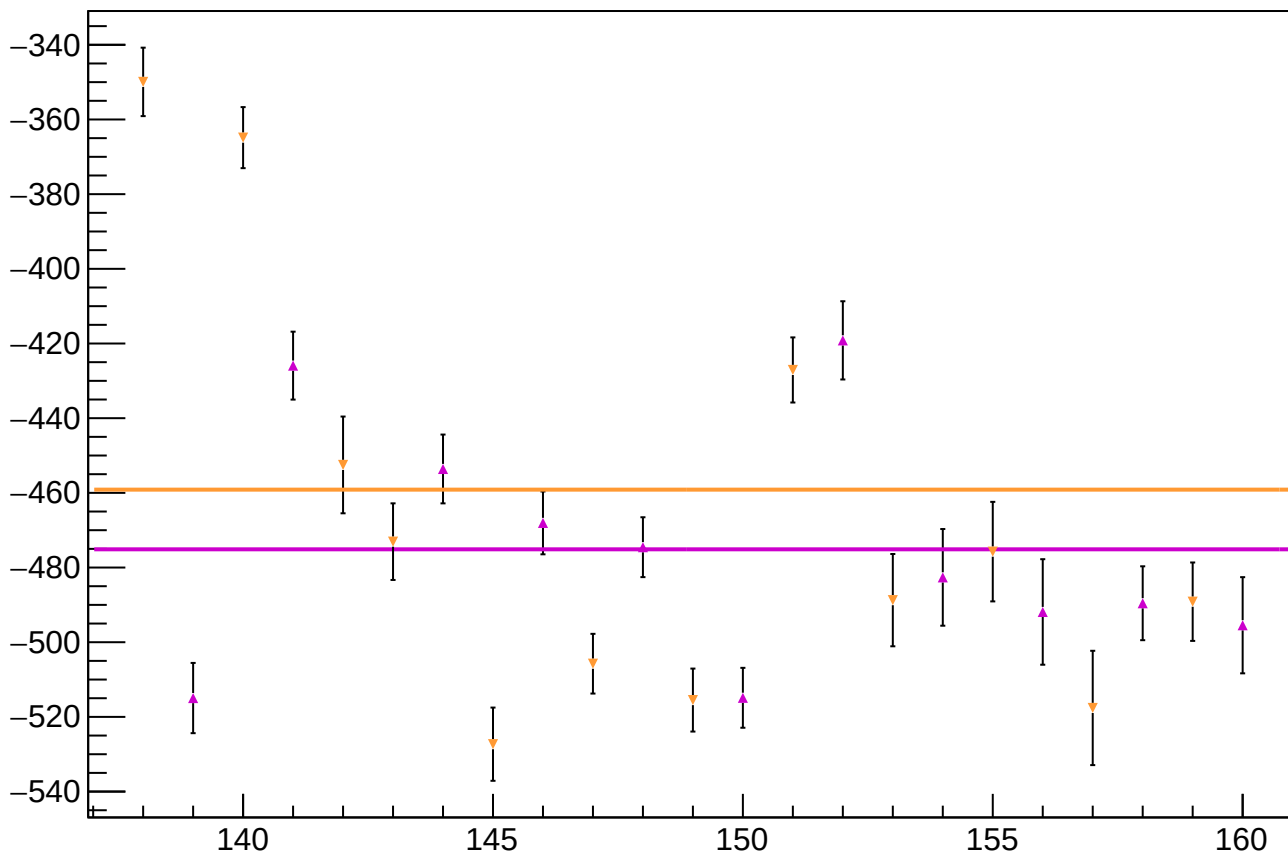
Left In: -21.474 ± 0.035 χ^2/NDF : 80482.5/10

+ sign -23.217 ± 0.031 χ^2/NDF : 166622.1/28

All: -21.910 ± 0.021 χ^2/NDF : 333324.0/58

- sign -20.657 ± 0.030 χ^2/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: -459.136+/-2.874 χ^2/NDF : 447.6/11

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

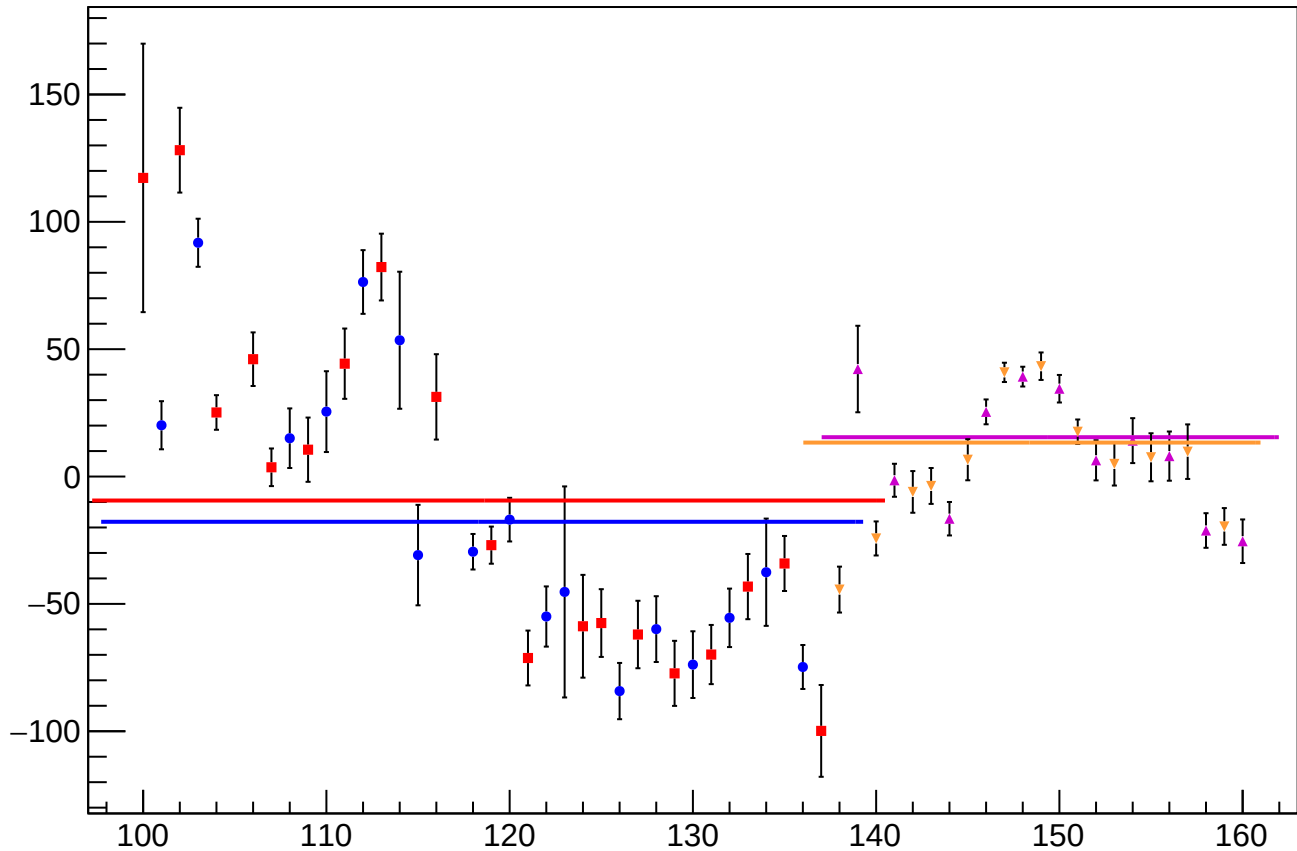
Left In: -475.120+/-2.927 χ^2/NDF : 112.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -466.981+/-2.051 χ^2/NDF : 575.6/22

- 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 $\chi^2/\text{NDF}: 363.9/16$

Left Out: 13.337 ± 1.872 $\chi^2/\text{NDF}: 191.8/11$

Right Out: -9.417 ± 2.613 $\chi^2/\text{NDF}: 369.6/18$

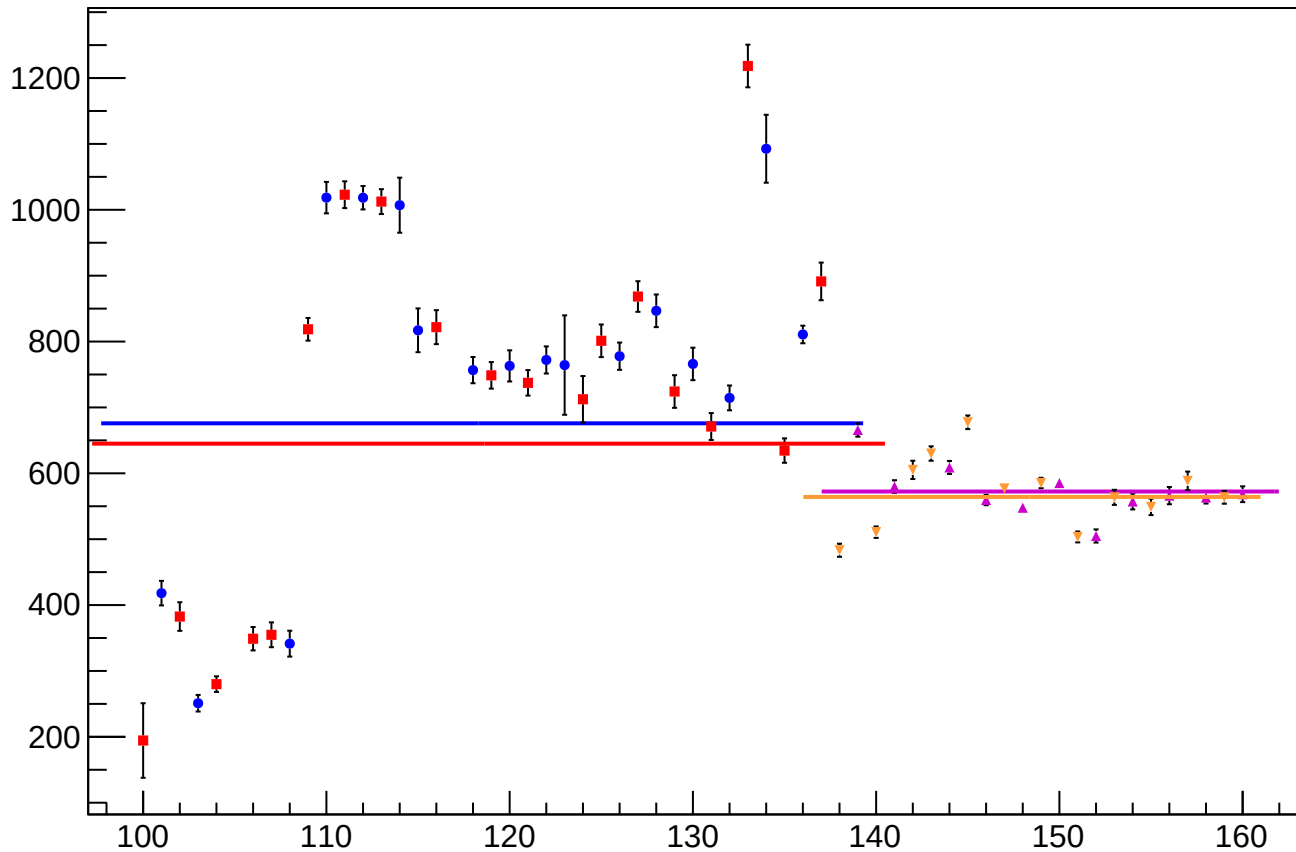
Left In: 15.444 ± 1.932 $\chi^2/\text{NDF}: 140.9/10$

+ sign 3.641 ± 1.553 $\chi^2/\text{NDF}: 641.7/28$

All: 5.150 ± 1.098 $\chi^2/\text{NDF}: 1212.6/58$

- sign 6.659 ± 1.554 $\chi^2/\text{NDF}: 569.0/29$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 ± 5.037 $\chi^2/\text{NDF}: 2586.4/16$

Left Out: 564.167 ± 2.835 $\chi^2/\text{NDF}: 337.1/11$

Right Out: 645.014 ± 4.761 $\chi^2/\text{NDF}: 3123.3/18$

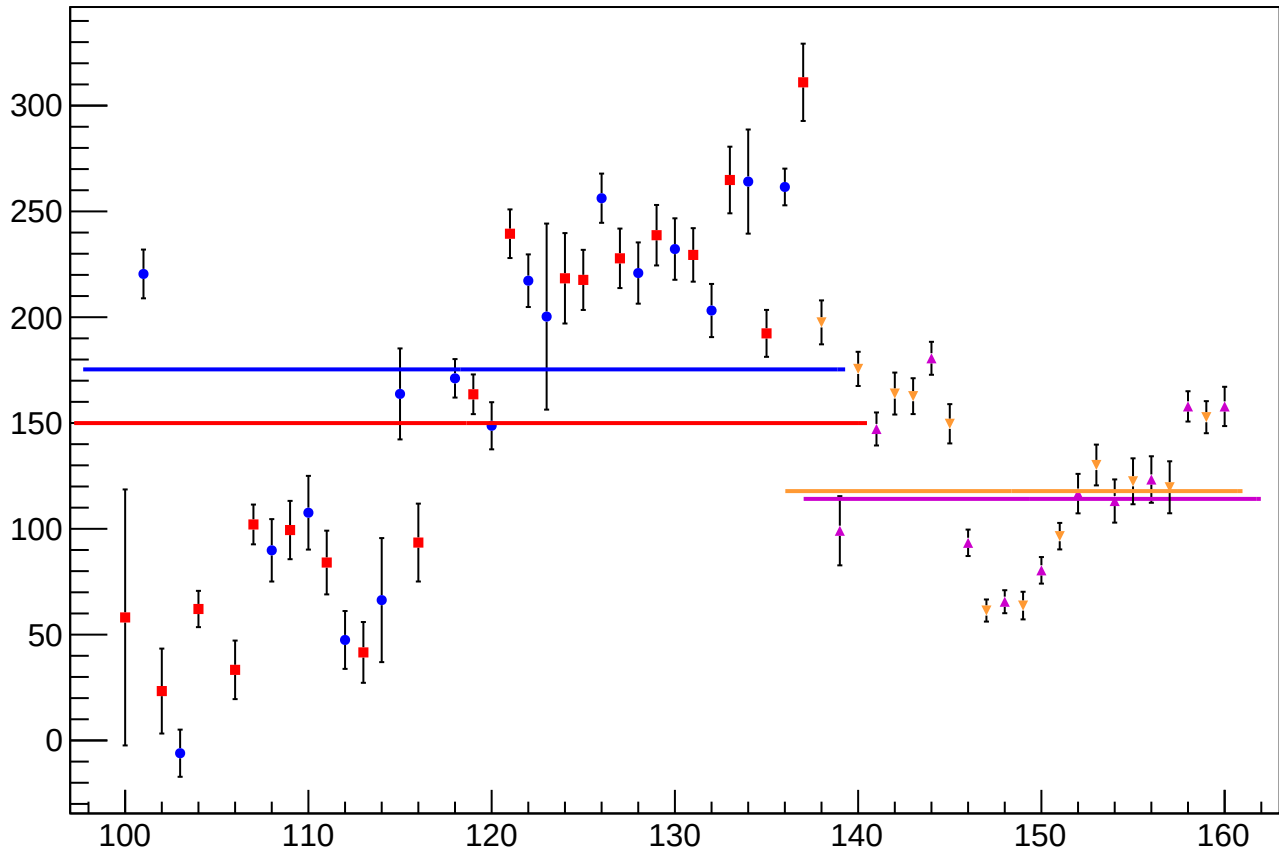
Left In: 572.378 ± 2.849 $\chi^2/\text{NDF}: 162.9/10$

+ sign 591.044 ± 2.471 $\chi^2/\text{NDF}: 3297.0/28$

All: 591.289 ± 1.738 $\chi^2/\text{NDF}: 6754.6/58$

- 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: 117.824 $\pm$ 2.299 χ^2/NDF : 391.5/11

Right Out: 149.966 $\pm$ 3.045 χ^2/NDF : 693.2/18

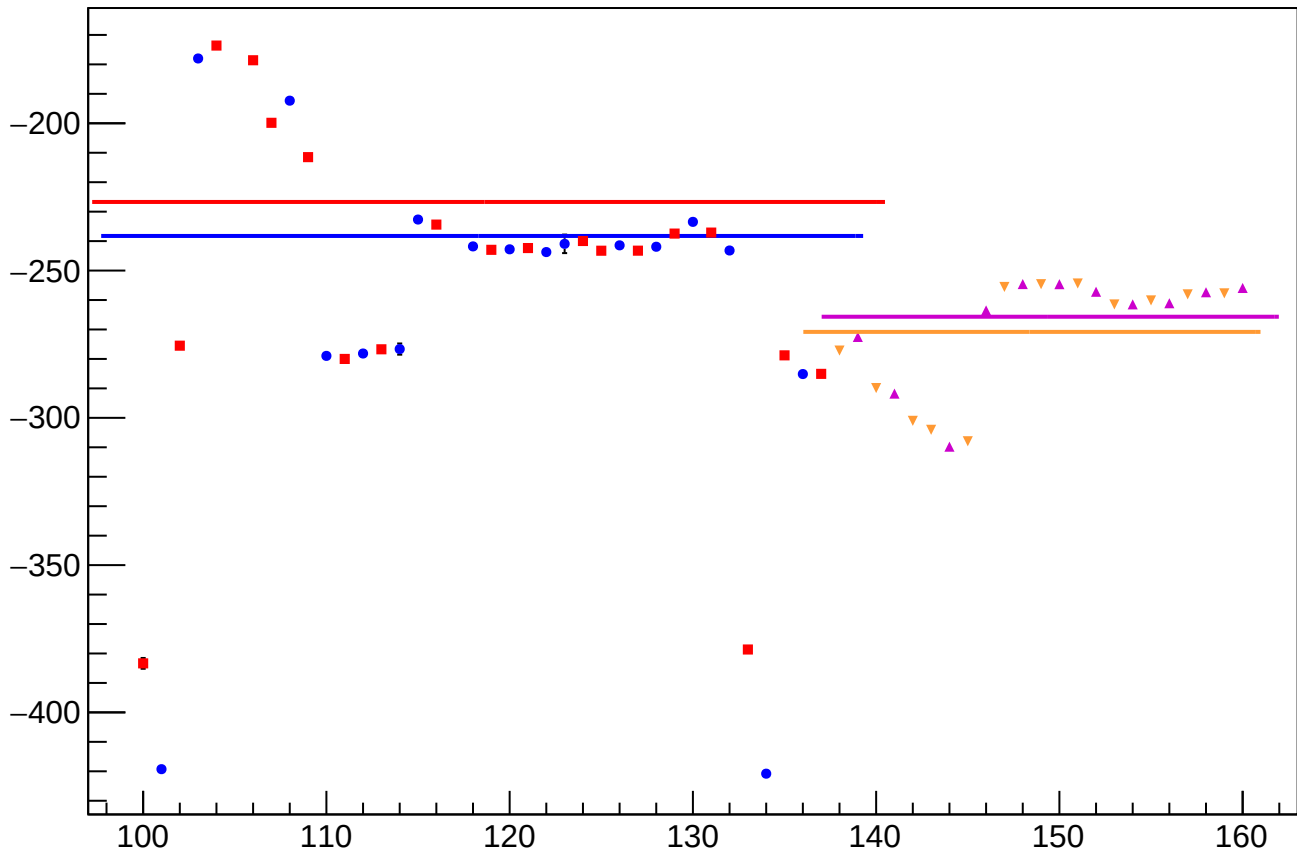
Left In: 114.144 $\pm$ 2.344 χ^2/NDF : 271.6/10

+ sign 137.382 $\pm$ 1.868 χ^2/NDF : 1242.8/28

All: 132.401 $\pm$ 1.317 χ^2/NDF : 2308.6/58

- 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: -270.818+/-0.115 χ^2/NDF : 29131.2/11

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

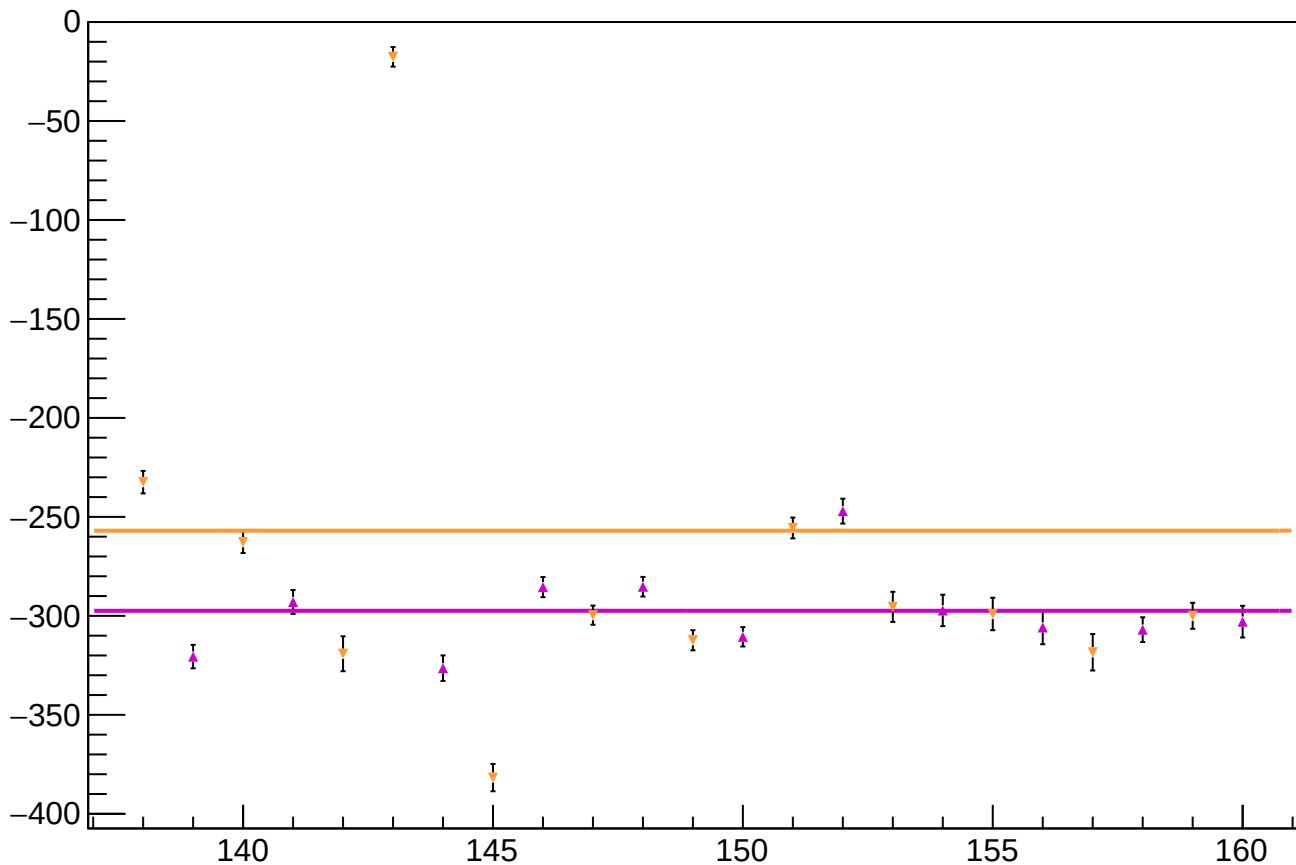
Left In: -265.672+/-0.113 χ^2/NDF : 19518.3/10

+ sign -259.742+/-0.093 χ^2/NDF : 223630.3/28

All: -255.586+/-0.065 χ^2/NDF : 392437.0/58

- 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: -256.980+/-1.758 χ^2/NDF : 3074.8/11

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

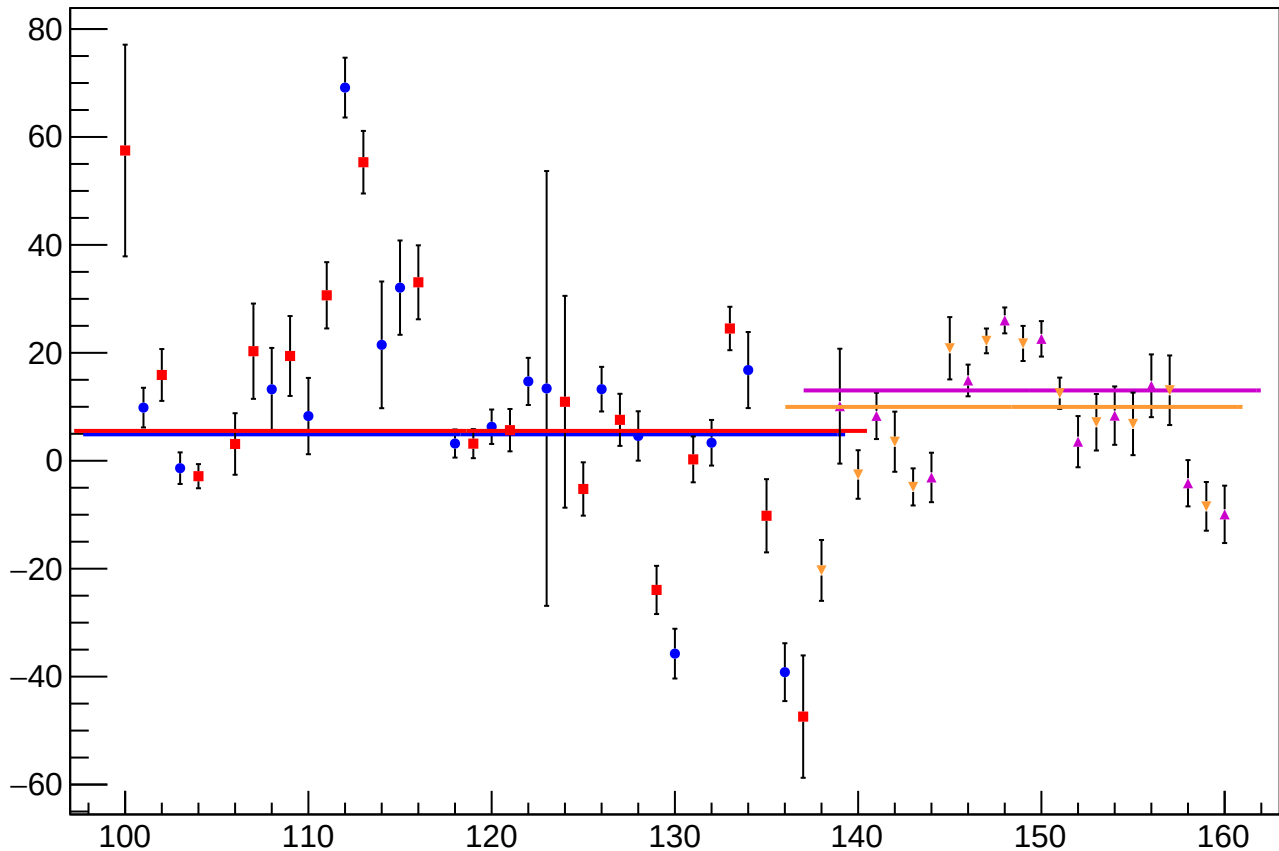
Left In: -297.447+/-1.832 χ^2/NDF : 122.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -276.376+/-1.268 χ^2/NDF : 3451.6/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Left Out: 9.978 ± 1.139 χ^2/NDF : 119.8/11

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

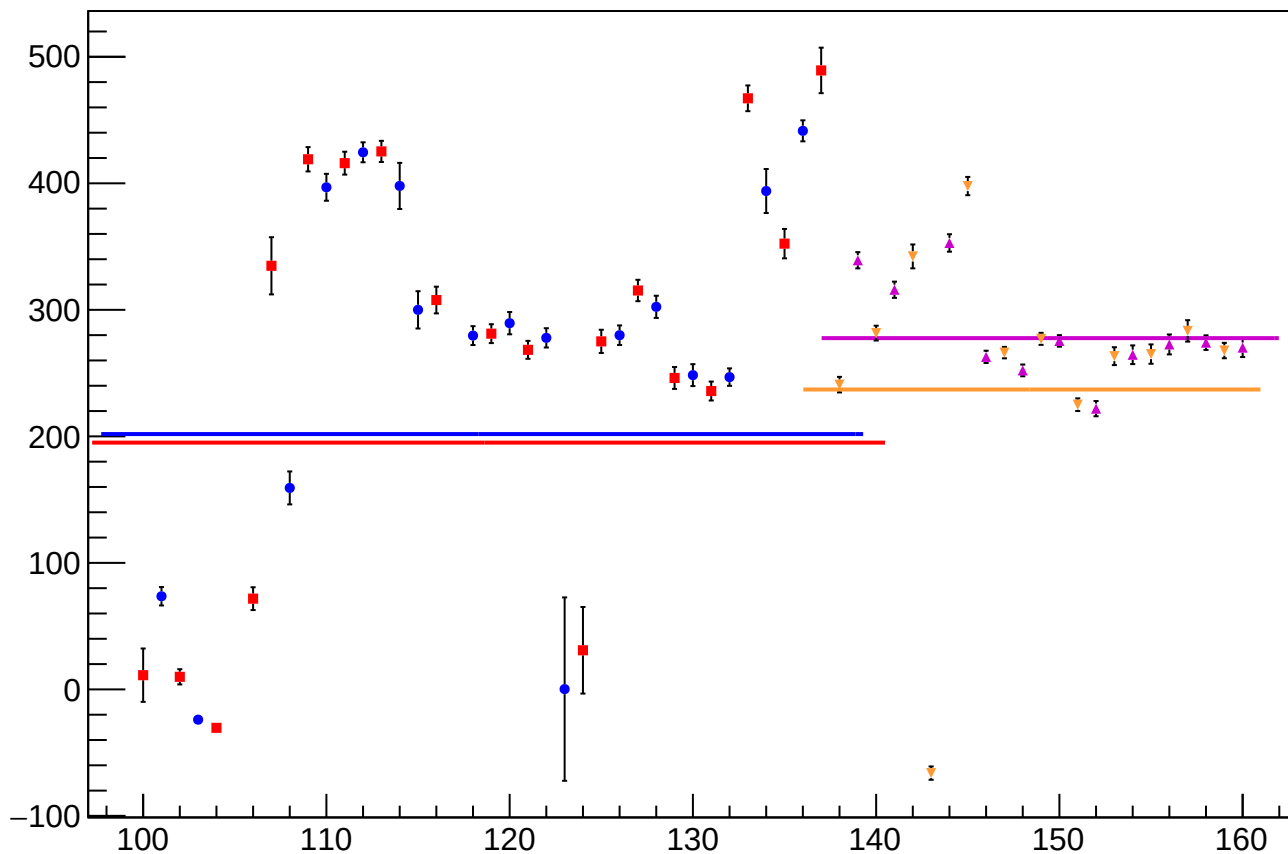
Left In: 13.031 ± 1.203 χ^2/NDF : 91.2/10

+ sign 7.323 ± 0.787 χ^2/NDF : 442.1/28

All: 8.074 ± 0.561 χ^2/NDF : 796.0/58

- sign 8.849 ± 0.800 χ^2/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: 237.039 $\pm$ 1.733 χ^2 /NDF: 4176.5/11

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

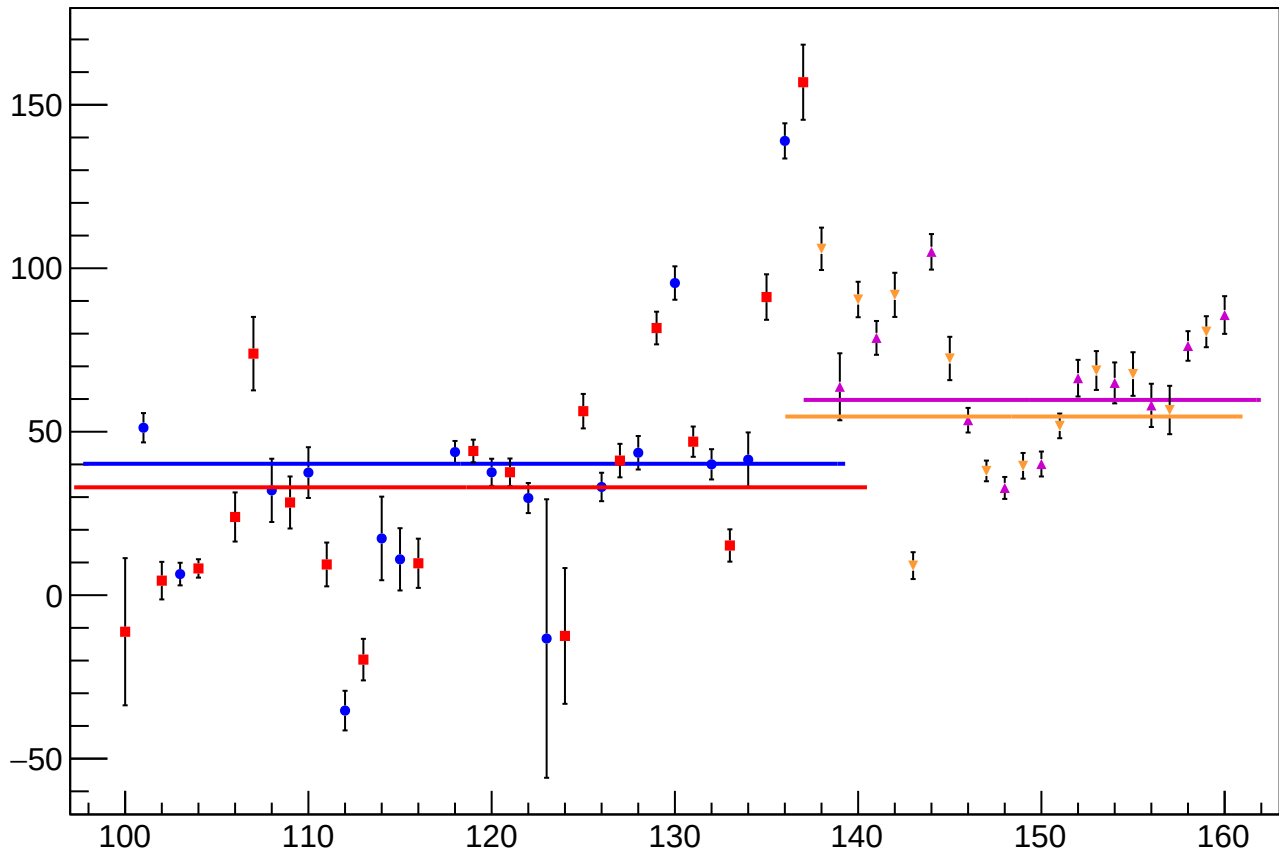
Left In: 277.634 $\pm$ 1.777 χ^2 /NDF: 377.4/10

+ sign 221.674 $\pm$ 1.301 χ^2 /NDF: 11111.0/28

All: 230.627 $\pm$ 0.922 χ^2 /NDF: 20834.6/58

- 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: 54.647 $\pm$ 1.400 χ^2 /NDF:349.3/11

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

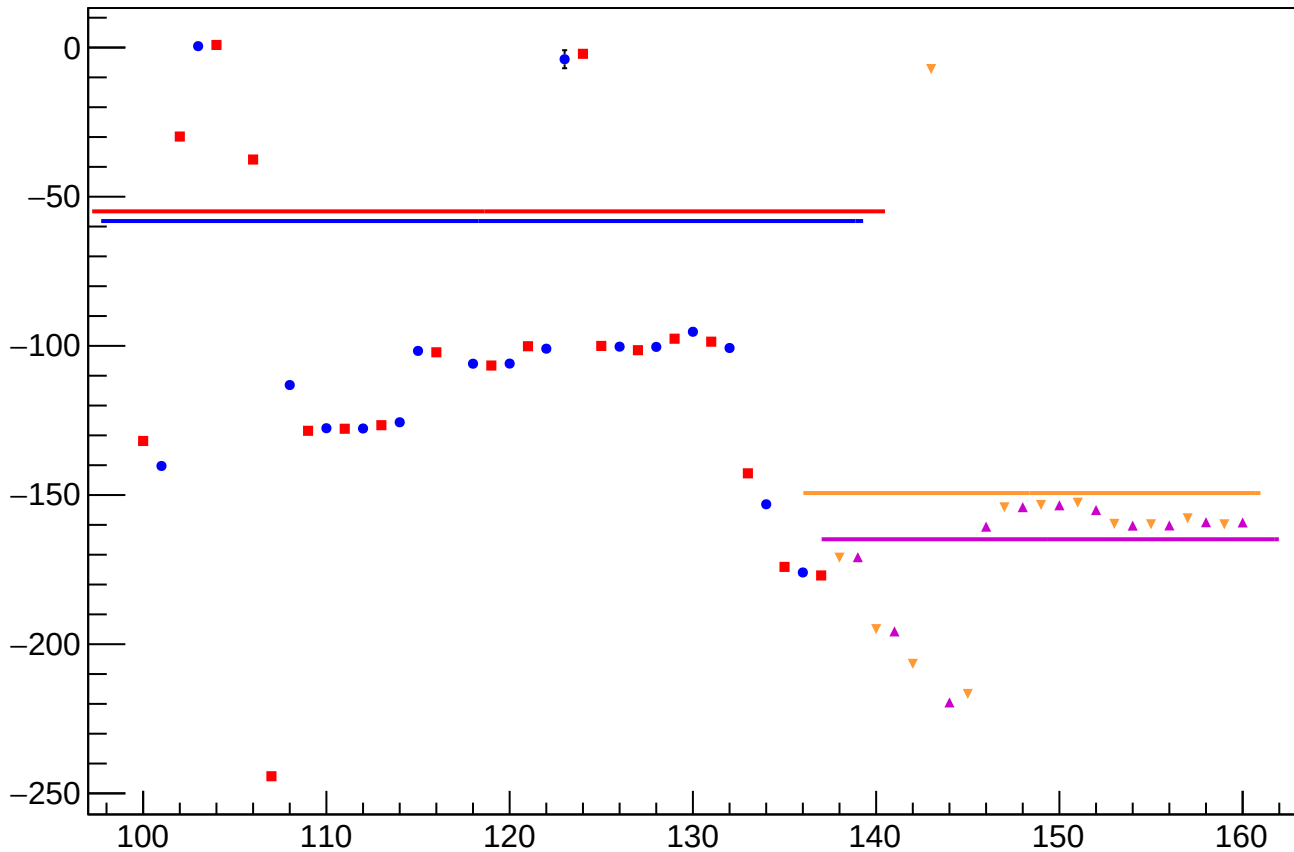
Left In: 59.729 $\pm$ 1.462 χ^2 /NDF:212.1/10

+ sign 46.705 $\pm$ 0.940 χ^2 /NDF: 1142.8/28

All: 45.523 $\pm$ 0.669 χ^2 /NDF: 2104.9/58

- 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 ± 0.062 χ^2/NDF : 1105509.3/16

Left Out: -149.337 ± 0.070 χ^2/NDF : 578573.0/11

Right Out: -54.914 ± 0.060 χ^2/NDF : 1003885.5/18

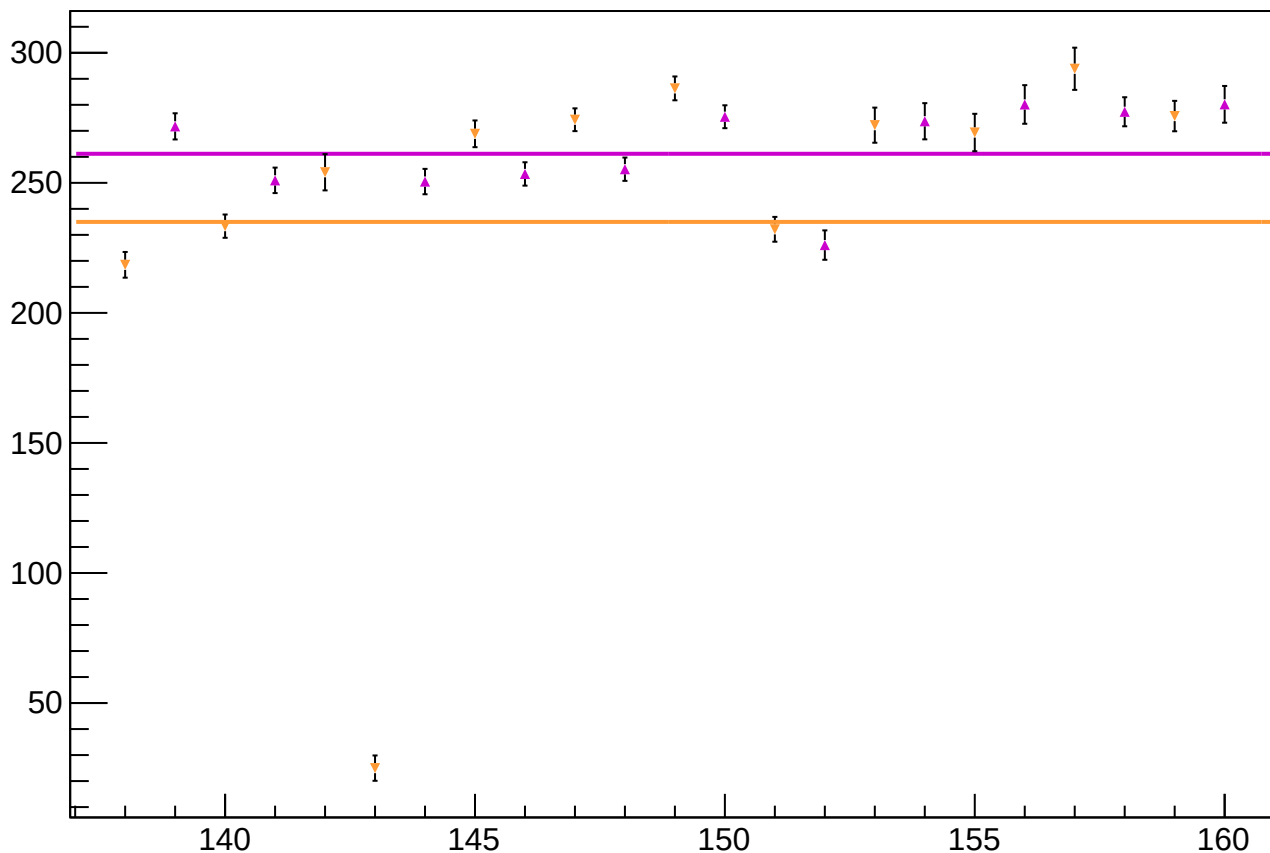
Left In: -164.824 ± 0.071 χ^2/NDF : 57908.5/10

+ sign -97.861 ± 0.046 χ^2/NDF : 2639035.4/28

All: -99.575 ± 0.033 χ^2/NDF : 5108002.8/58

- sign -101.255 ± 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: 234.983+/-1.541 χ^2/NDF : 2282.3/11

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

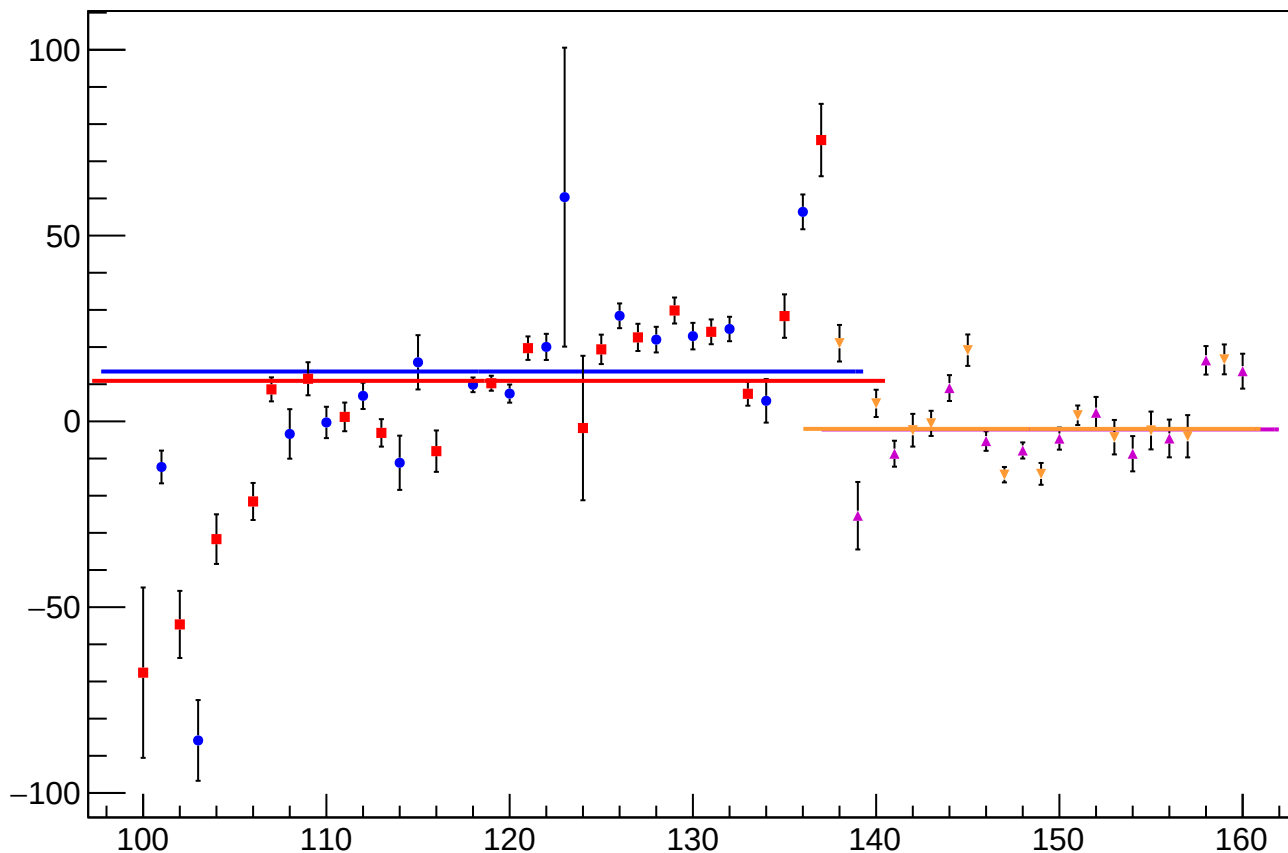
Left In: 261.177+/-1.589 χ^2/NDF : 92.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.686+/-1.106 χ^2/NDF : 2515.0/22

- 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: -2.020+/-1.010 χ^2/NDF : 126.9/11

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

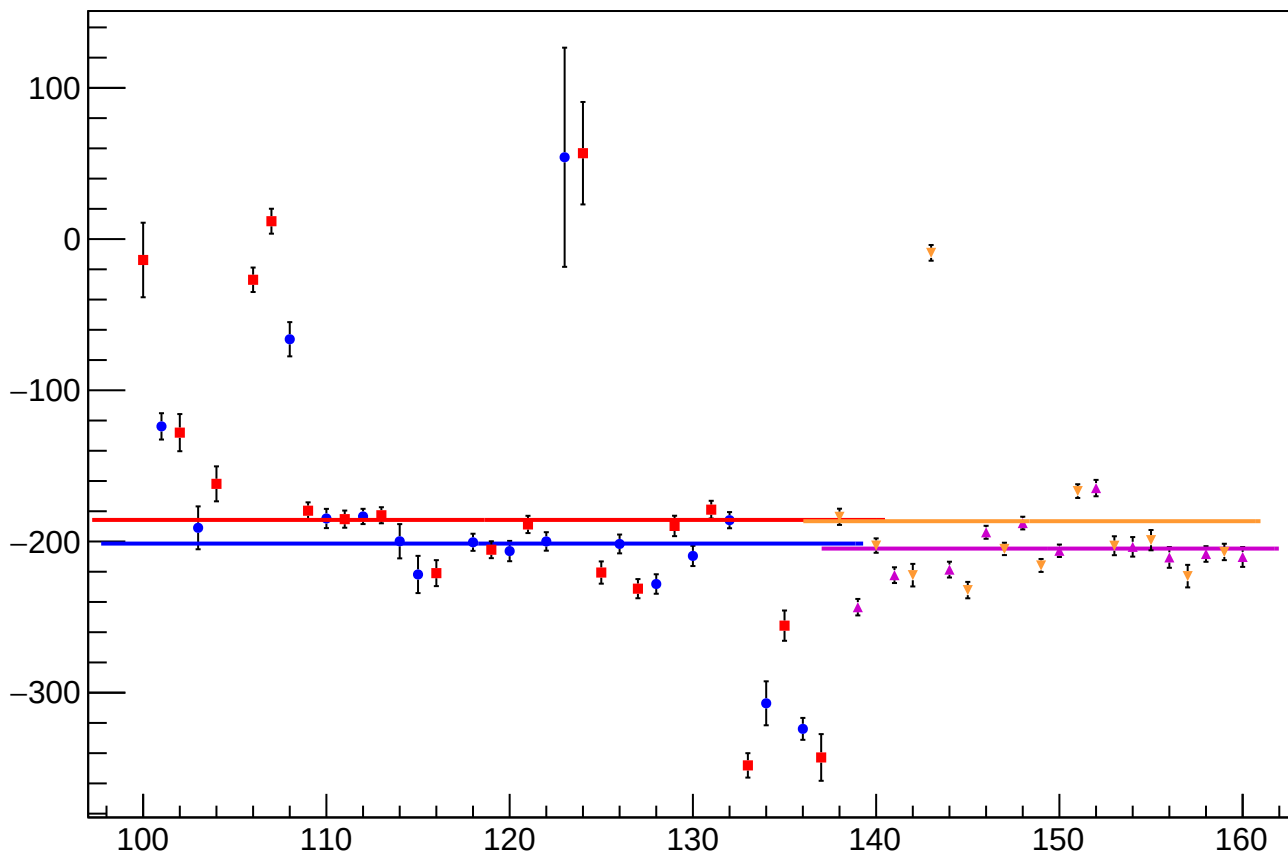
Left In: -2.166+/-1.055 χ^2/NDF : 67.1/10

+ sign 6.424+/-0.680 χ^2/NDF : 549.9/28

All: 5.864+/-0.485 χ^2/NDF : 1008.6/58

- 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: -186.578 ± 1.525 χ^2/NDF : 1404.4/11

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

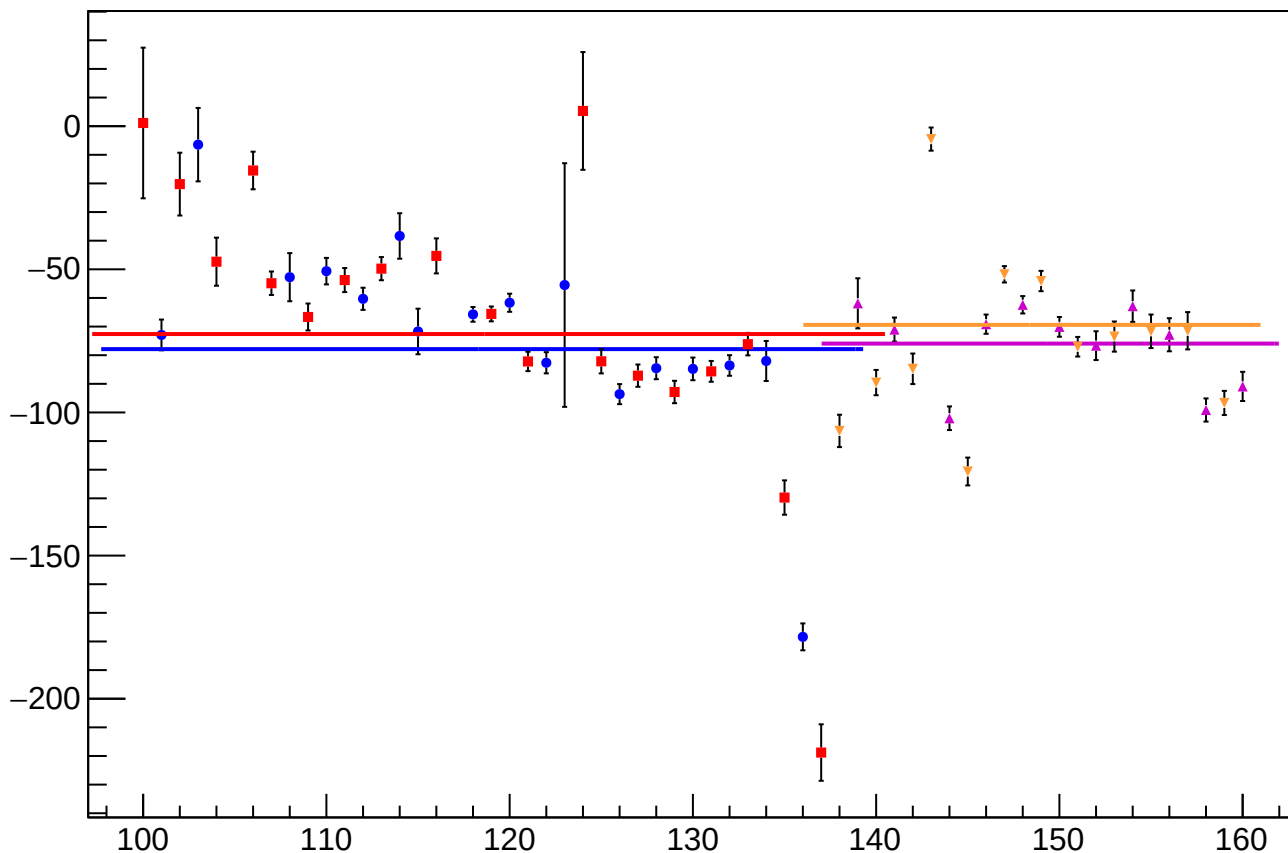
Left In: -204.691 ± 1.548 χ^2/NDF : 148.2/10

+ sign -192.846 ± 1.158 χ^2/NDF : 2067.8/28

All: -194.491 ± 0.814 χ^2/NDF : 4037.2/58

- sign -196.098 ± 1.145 χ^2/NDF : 1965.5/29

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -69.405 ± 1.238 χ^2/NDF : 544.5/11

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

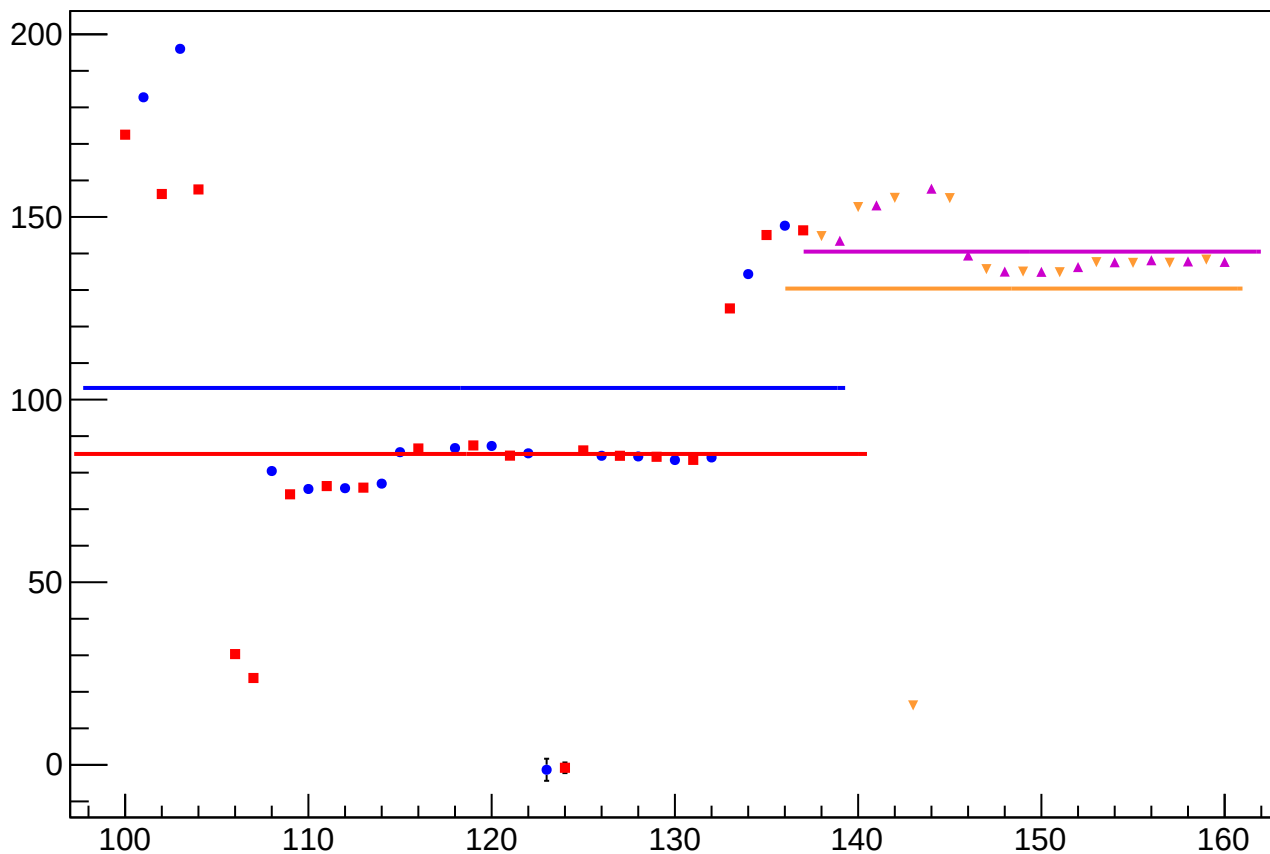
Left In: -75.948 ± 1.278 χ^2/NDF : 118.2/10

+ sign -74.272 ± 0.808 χ^2/NDF : 1229.6/28

All: -74.118 ± 0.573 χ^2/NDF : 1958.7/58

- sign -73.962 ± 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: 130.396 $\pm$ 0.062 χ^2 /NDF: 343889.9/11

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

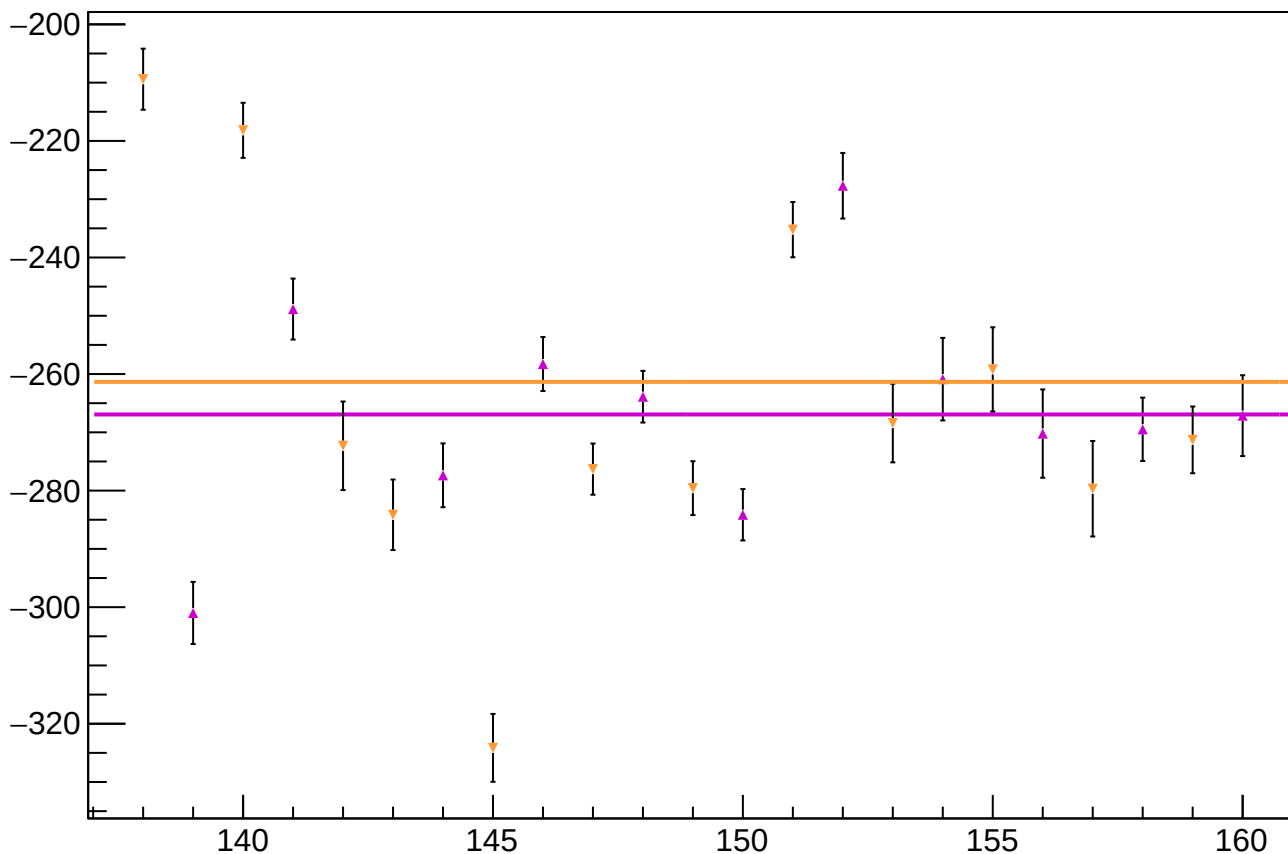
Left In: 140.509 $\pm$ 0.061 χ^2 /NDF: 12511.2/10

+ sign 118.586 $\pm$ 0.046 χ^2 /NDF: 702164.7/28

All: 116.082 $\pm$ 0.032 χ^2 /NDF: 1534920.6/58

- 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: -261.345+/-1.611 χ^2/NDF : 381.0/11

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

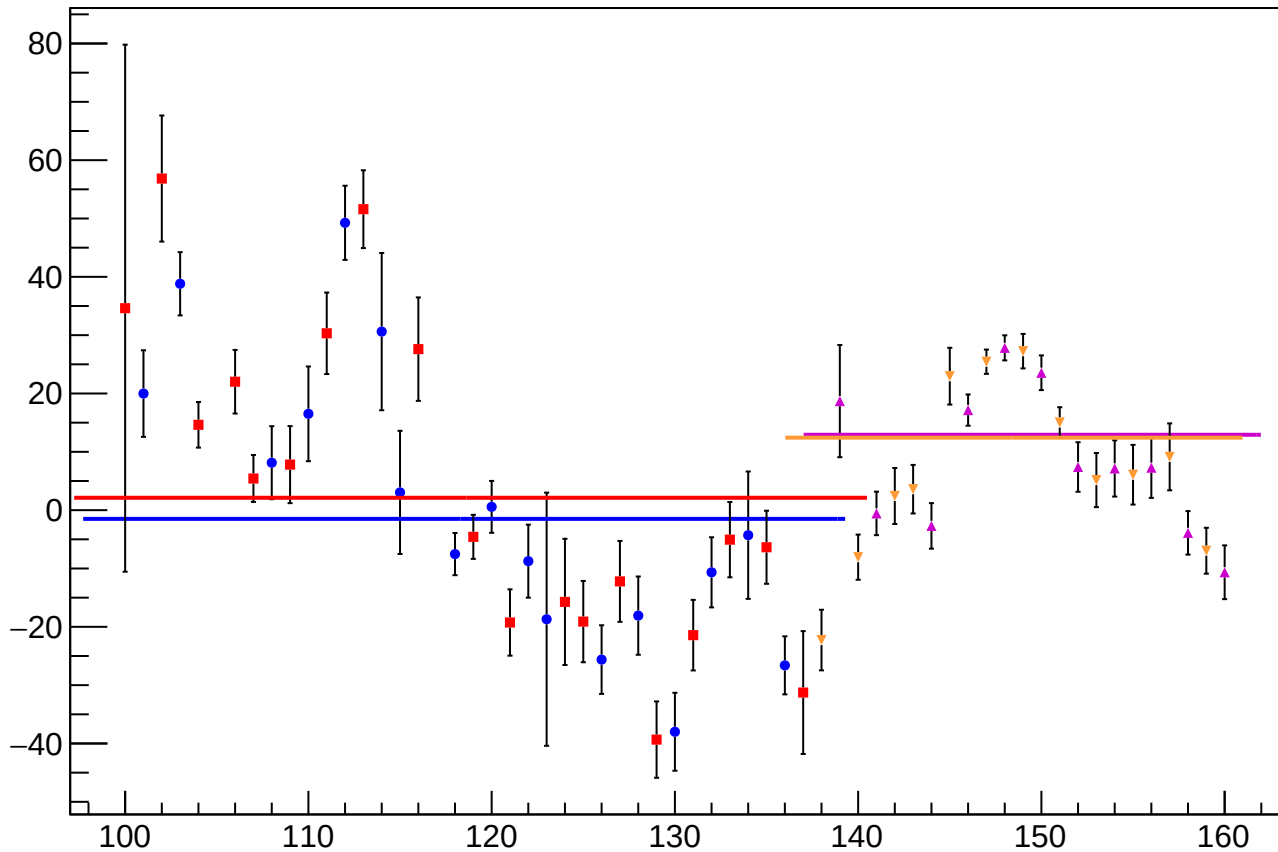
Left In: -266.933+/-1.627 χ^2/NDF : 125.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.111+/-1.145 χ^2/NDF : 512.3/22

- 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: 12.429 ± 1.043 χ^2/NDF : 180.0/11

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

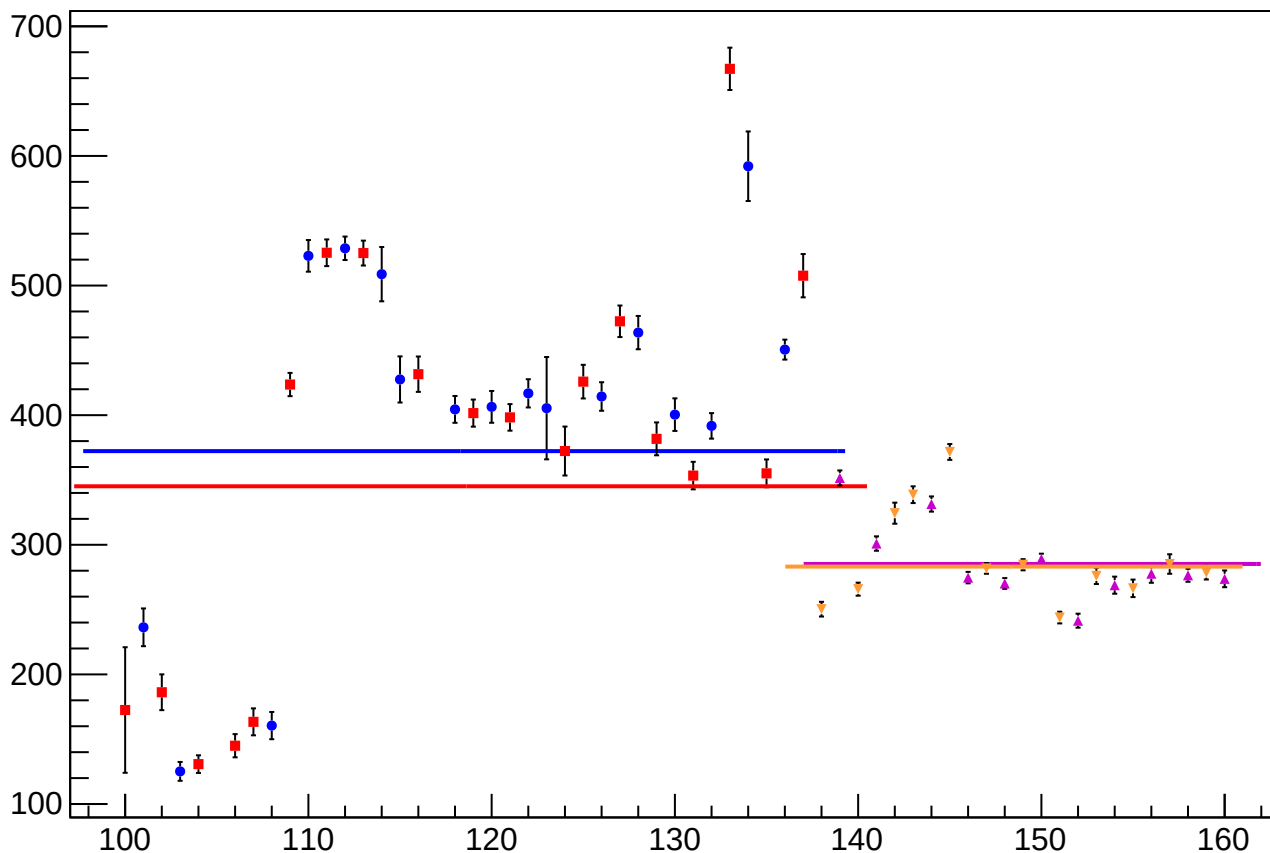
Left In: 12.924 ± 1.071 χ^2/NDF : 143.6/10

+ sign 7.943 ± 0.859 χ^2/NDF : 463.5/28

All: 8.450 ± 0.605 χ^2/NDF : 877.8/58

- 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: 283.178 $\pm$ 1.583 χ^2/NDF : 438.8/11

Right Out: 345.135 $\pm$ 2.562 χ^2/NDF : 3416.5/18

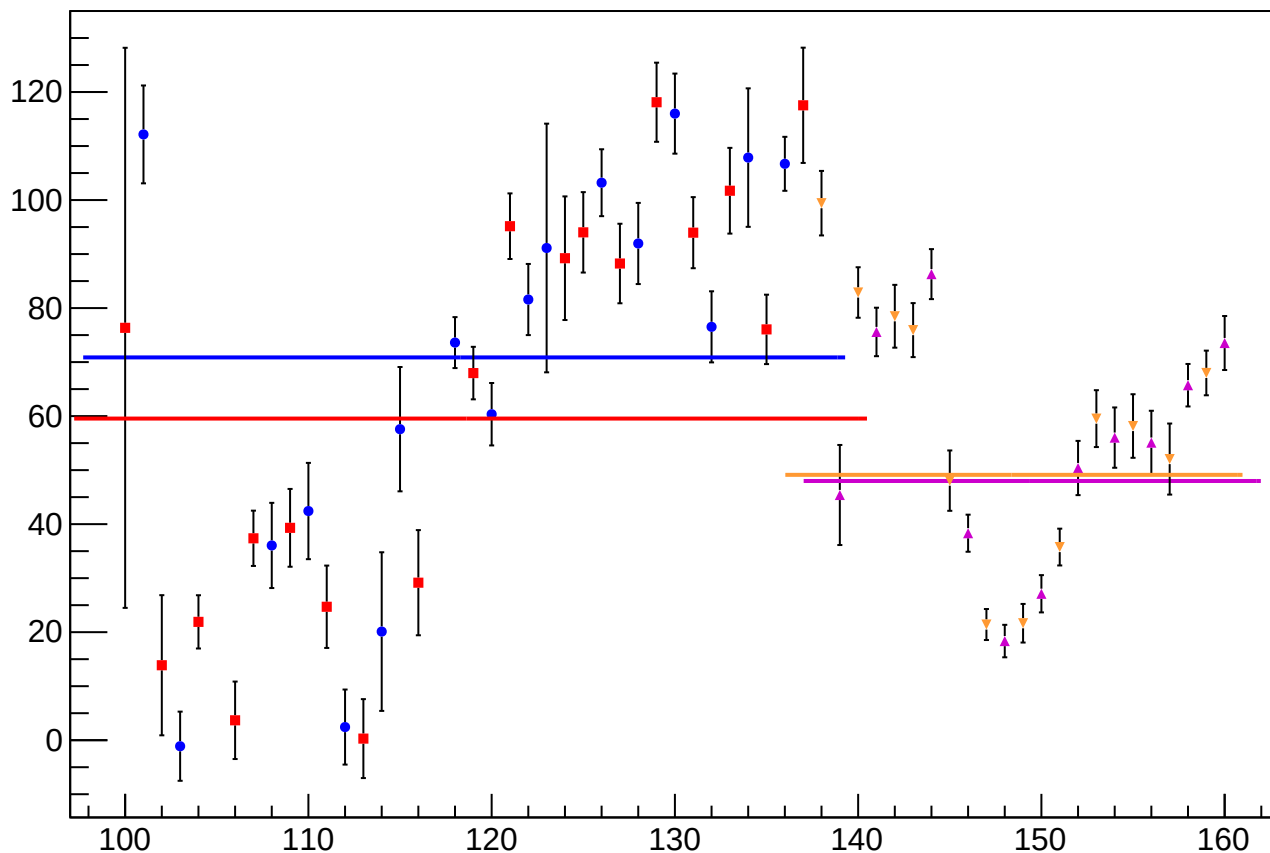
Left In: 285.211 $\pm$ 1.579 χ^2/NDF : 301.4/10

+ sign 305.236 $\pm$ 1.373 χ^2/NDF : 3656.0/28

All: 303.437 $\pm$ 0.961 χ^2/NDF : 7773.7/58

- 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: 49.127 $\pm$ 1.283 χ^2 /NDF:372.3/11

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

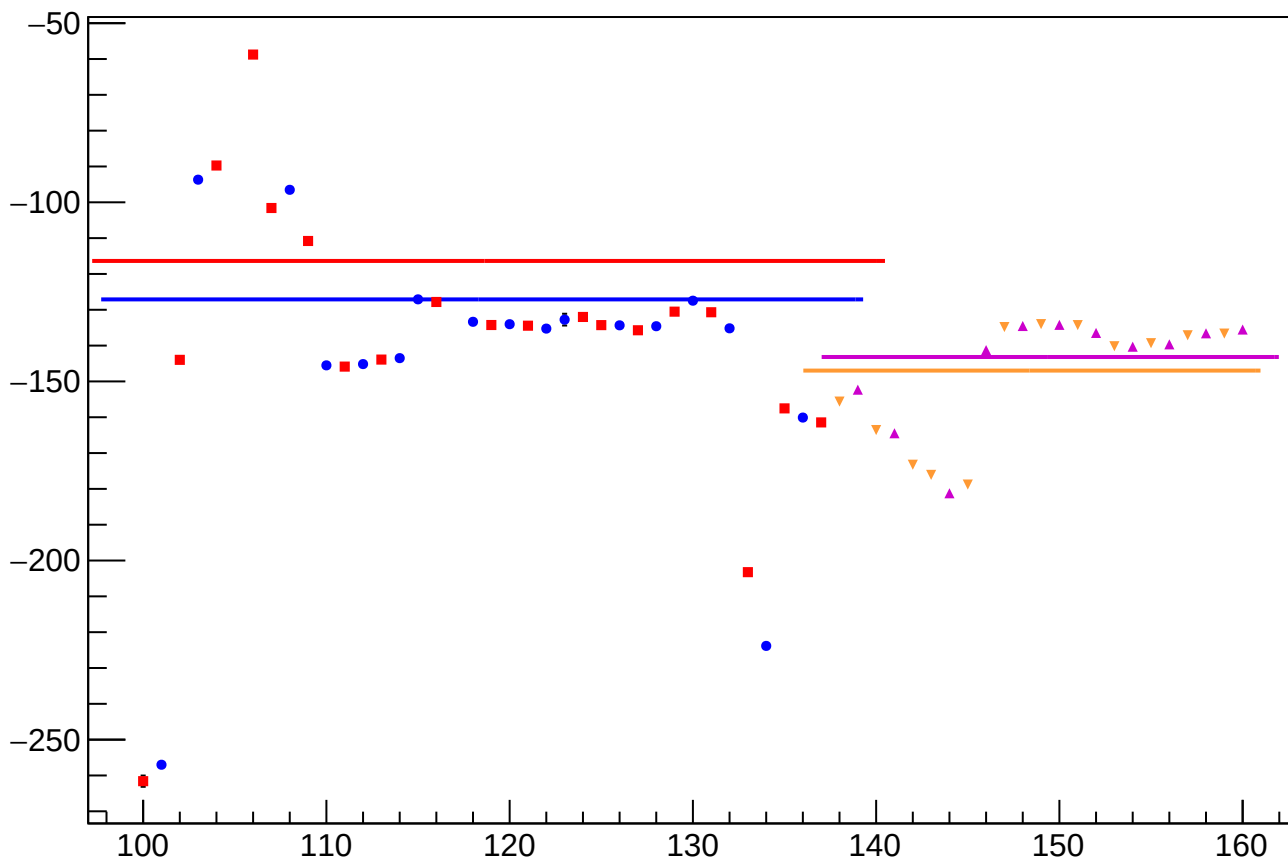
Left In: 47.989 $\pm$ 1.299 χ^2 /NDF:298.2/10

+ sign 56.765 $\pm$ 1.033 χ^2 /NDF: 900.2/28

All: 54.582 $\pm$ 0.725 χ^2 /NDF: 1728.7/58

- 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: -146.976 $\pm$ 0.064 χ^2 /NDF: 62950.3/11

Right Out: -116.369 $\pm$ 0.083 χ^2 /NDF: 167595.6/18

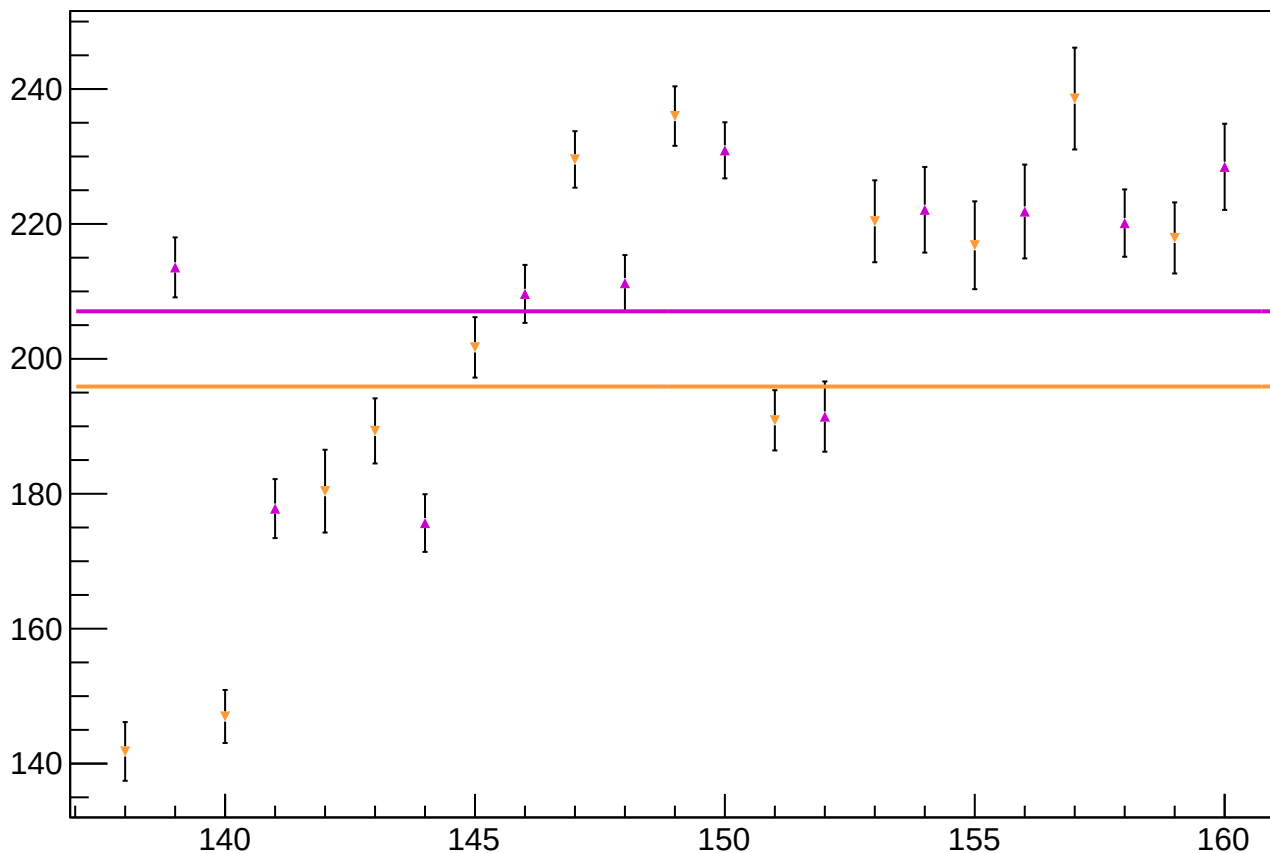
Left In: -143.181 $\pm$ 0.063 χ^2 /NDF: 41800.9/10

+ sign -140.245 $\pm$ 0.052 χ^2 /NDF: 262660.3/28

All: -136.703 $\pm$ 0.036 χ^2 /NDF: 547505.5/58

- 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: 195.899+/-1.415 χ^2/NDF : 543.8/11

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

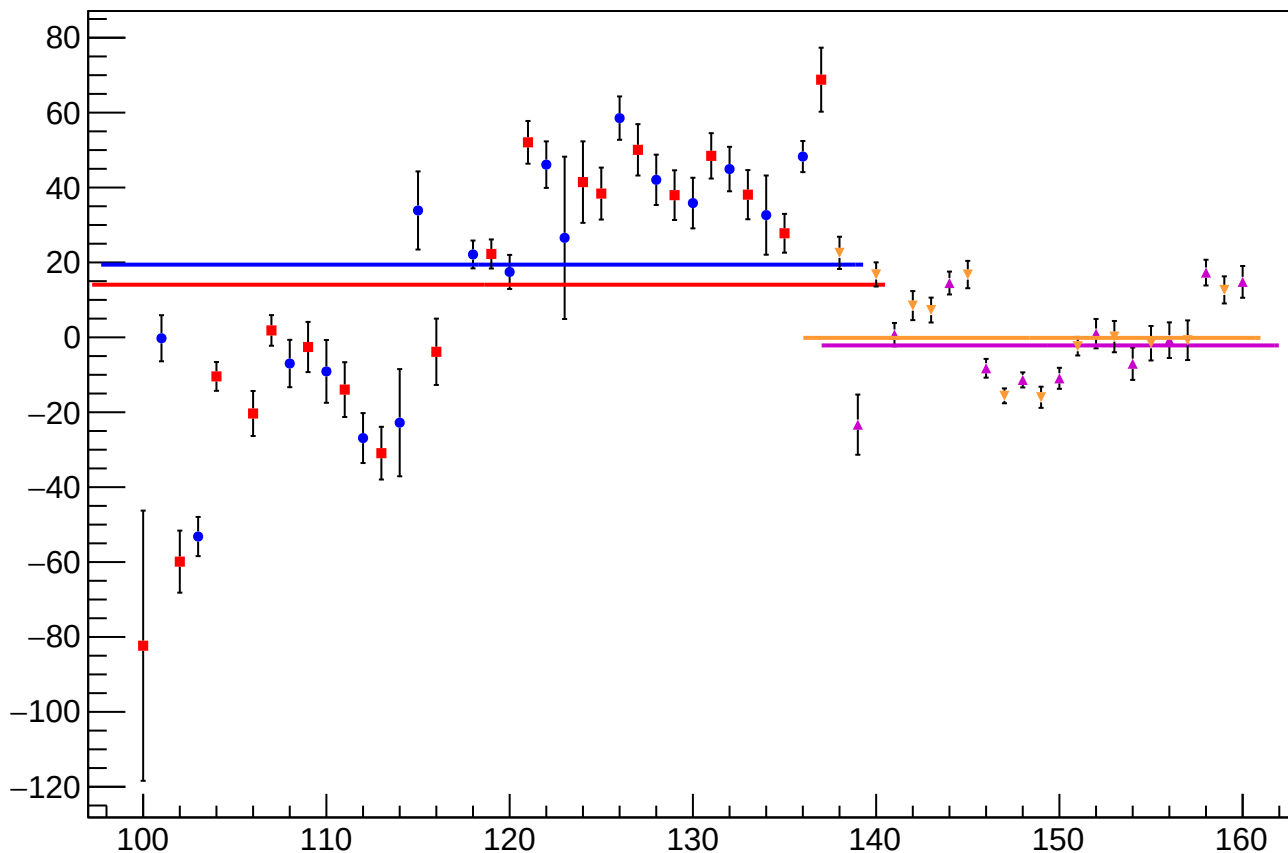
Left In: 207.047+/-1.452 χ^2/NDF : 172.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.329+/-1.013 χ^2/NDF : 746.4/22

- 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: -0.141 ± 0.936 χ^2/NDF : 192.6/11

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

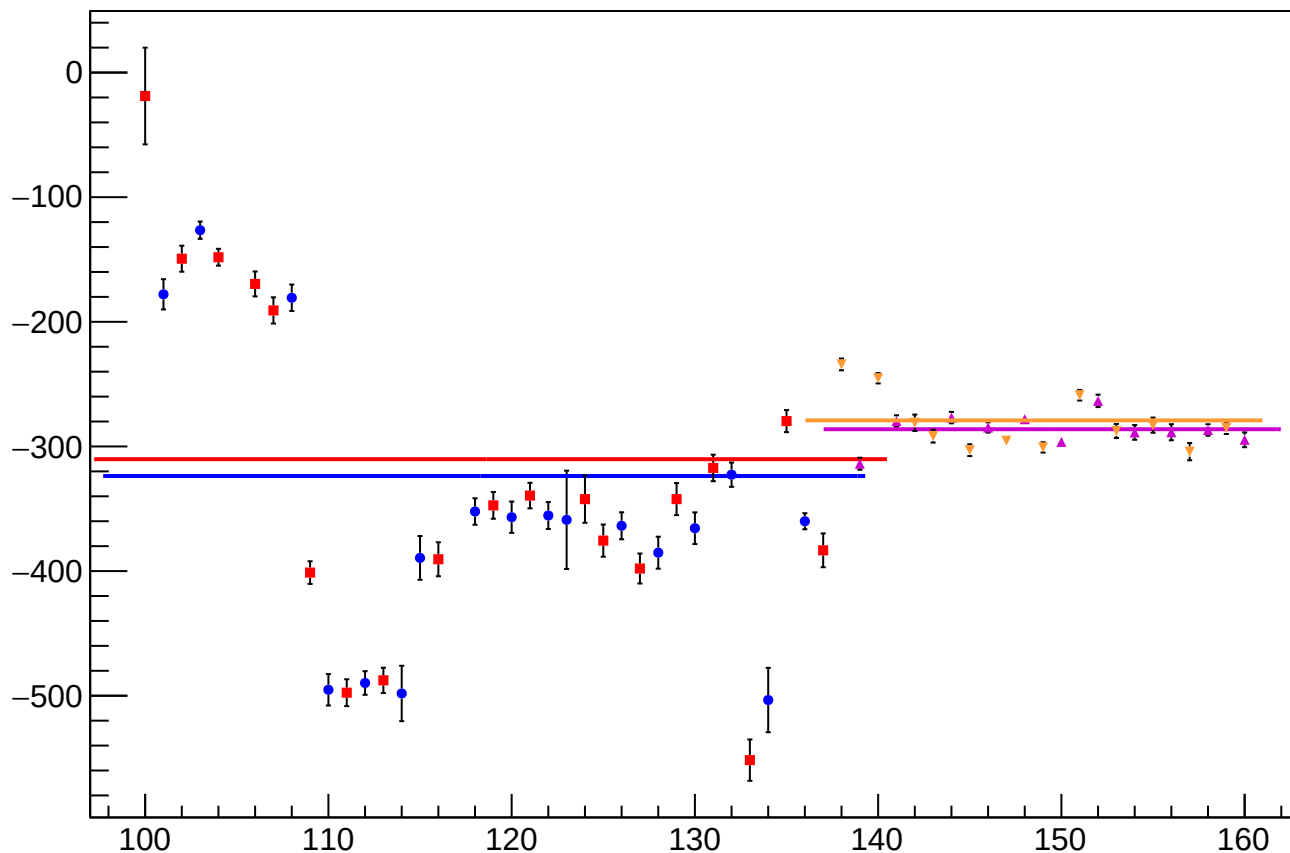
Left In: -2.156 ± 0.971 χ^2/NDF : 124.2/10

+ sign 5.449 ± 0.791 χ^2/NDF : 758.4/28

All: 4.306 ± 0.561 χ^2/NDF : 1414.6/58

- 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: -279.092 ± 1.403 χ^2/NDF : 272.3/11

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

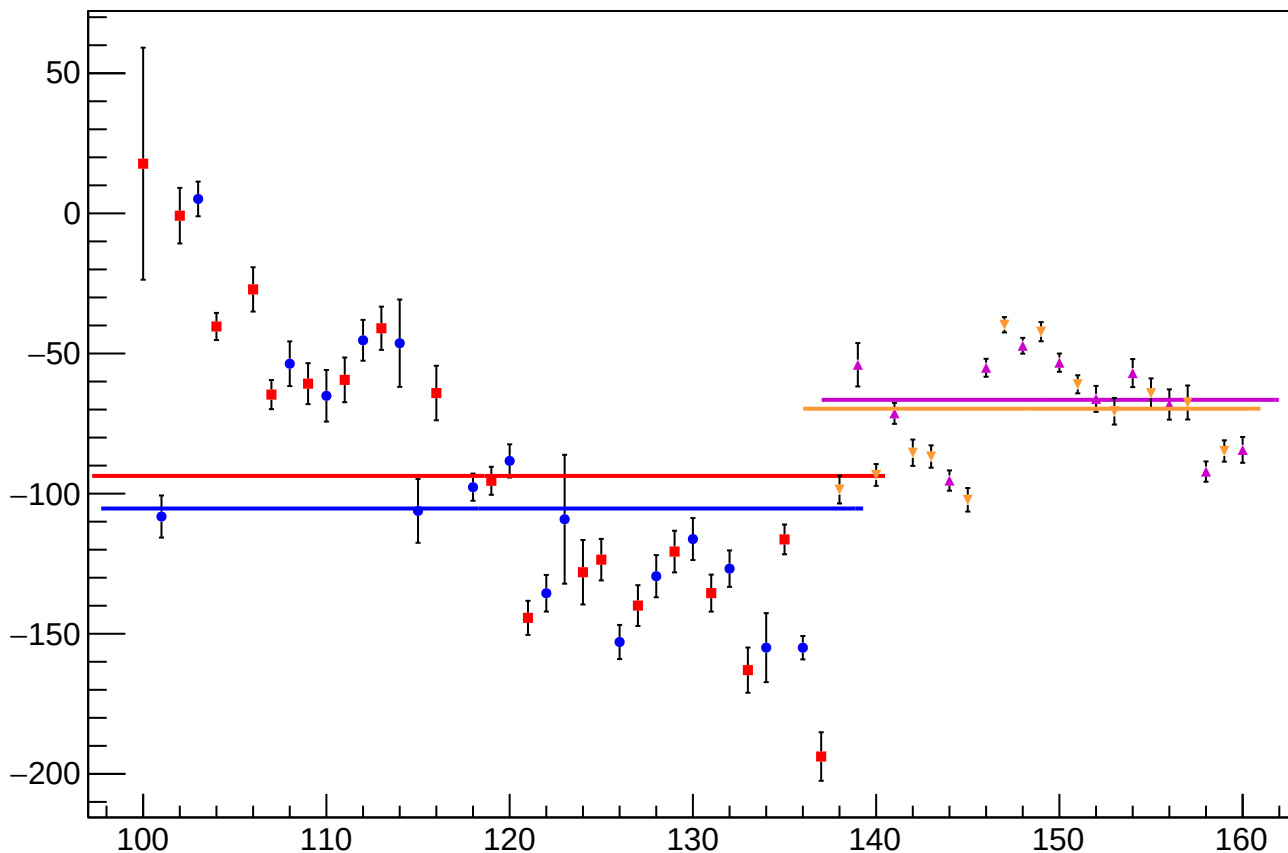
Left In: -286.166 ± 1.419 χ^2/NDF : 73.7/10

+ sign -288.762 ± 1.242 χ^2/NDF : 2342.3/28

All: -290.361 ± 0.876 χ^2/NDF : 4788.3/58

- 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: -69.697 ± 1.144 χ^2/NDF : 369.0/11

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

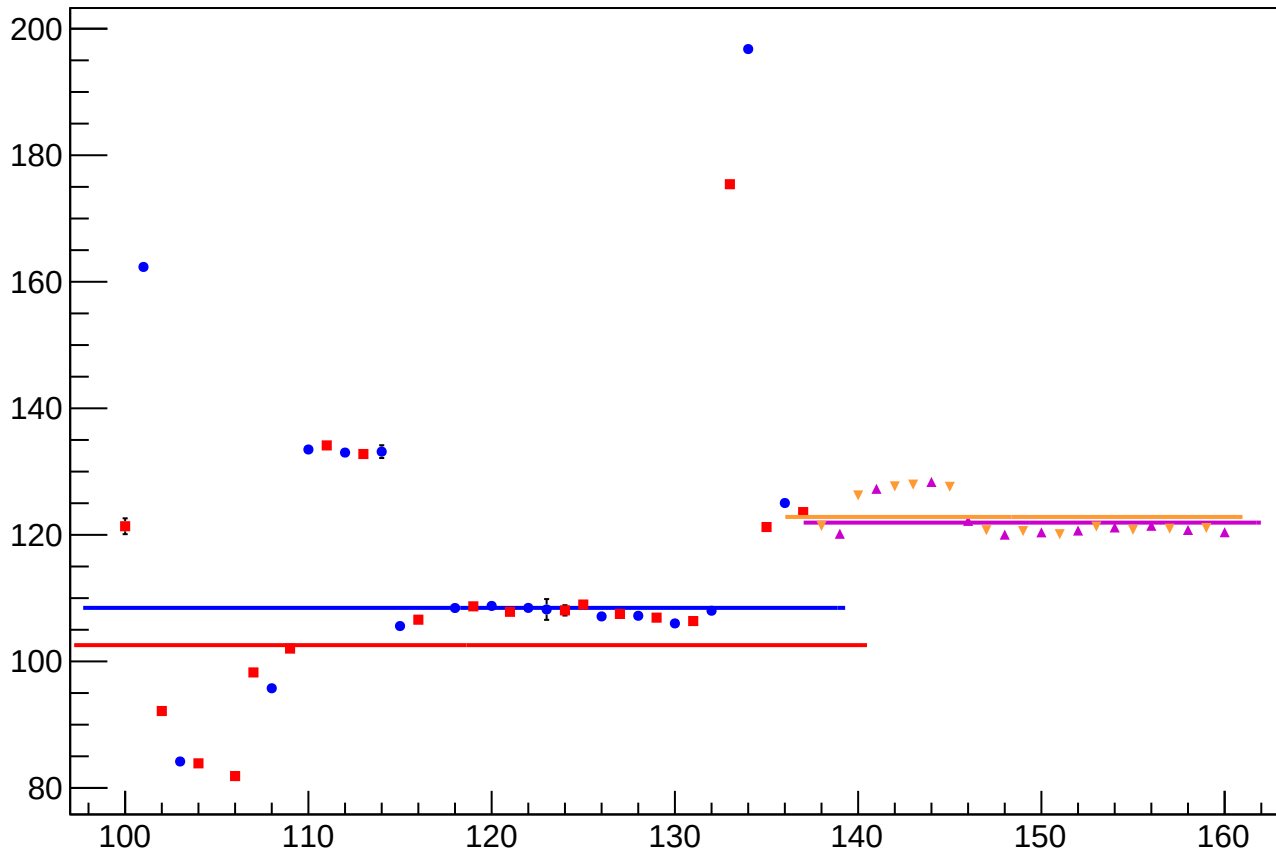
Left In: -66.531 ± 1.174 χ^2/NDF : 212.6/10

+ sign -80.862 ± 0.948 χ^2/NDF : 1410.1/28

All: -78.403 ± 0.671 χ^2/NDF : 2648.1/58

- 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: 122.835 $\pm$ 0.057 χ^2 /NDF: 2814.7/11

Right Out: 102.570 $\pm$ 0.079 χ^2 /NDF: 53143.8/18

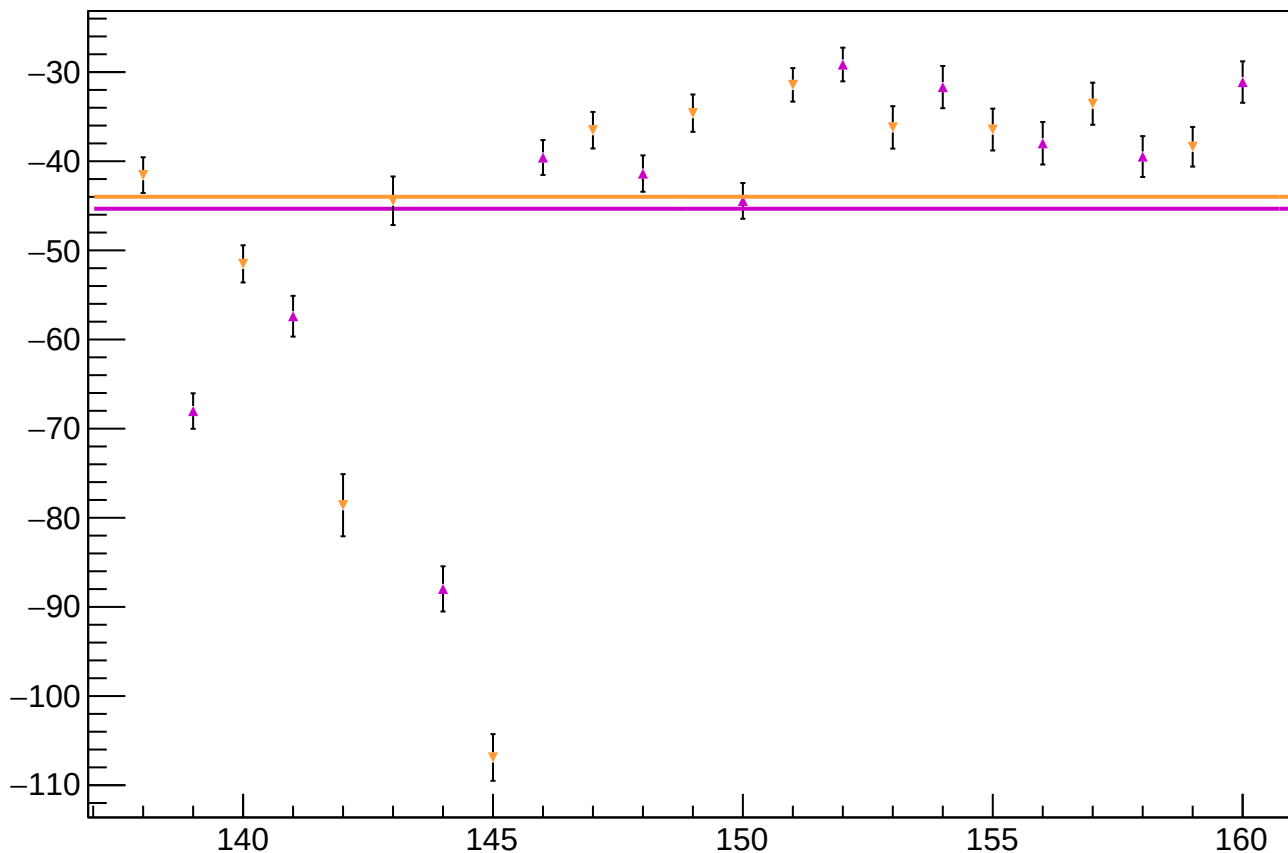
Left In: 121.935 $\pm$ 0.056 χ^2 /NDF: 2326.1/10

+ sign 118.403 $\pm$ 0.047 χ^2 /NDF: 96027.8/28

All: 116.903 $\pm$ 0.033 χ^2 /NDF: 193065.7/58

- 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: -43.986+/-0.655 χ^2/NDF : 814.6/11

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

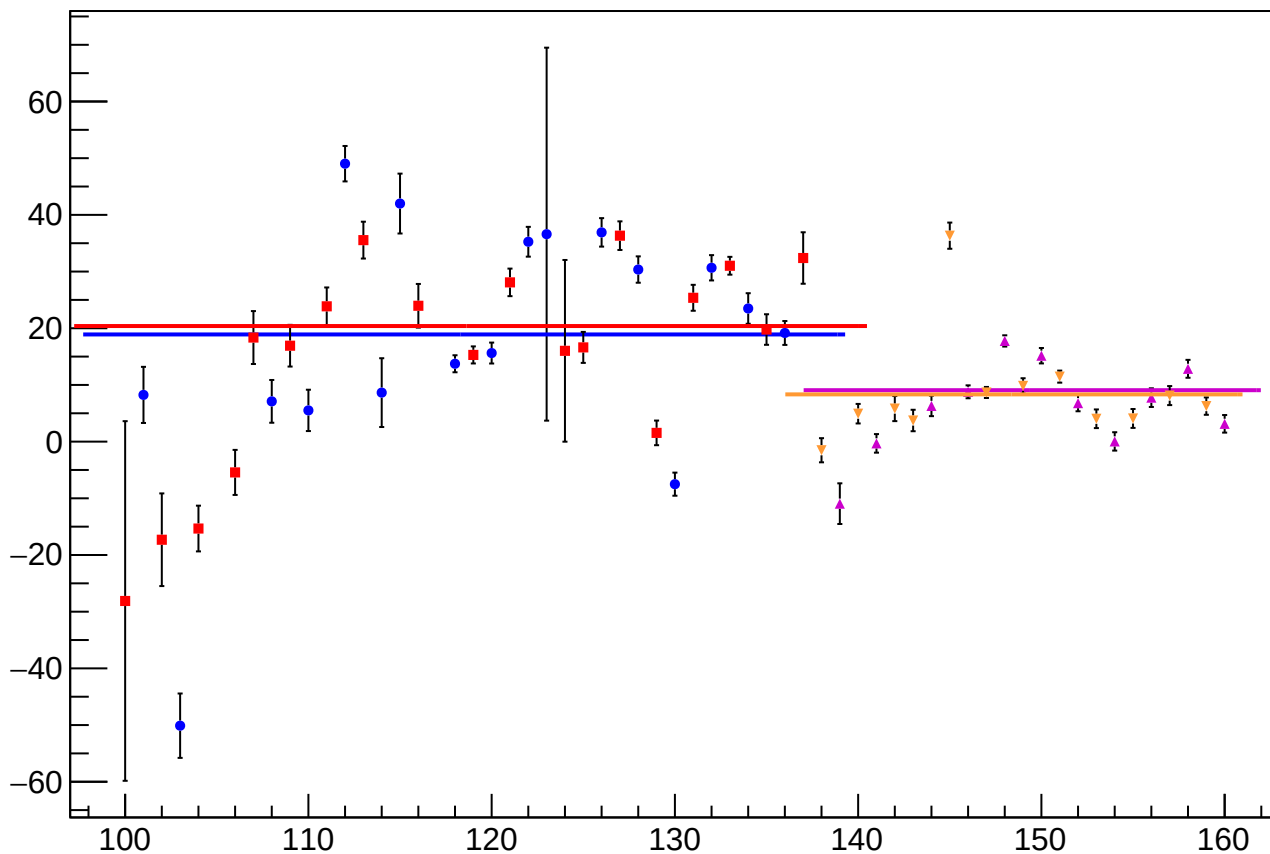
Left In: -45.331+/-0.651 χ^2/NDF : 613.2/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.662+/-0.462 χ^2/NDF : 1429.8/22

- 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: 8.334 ± 0.437 χ^2/NDF : 204.5/11

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

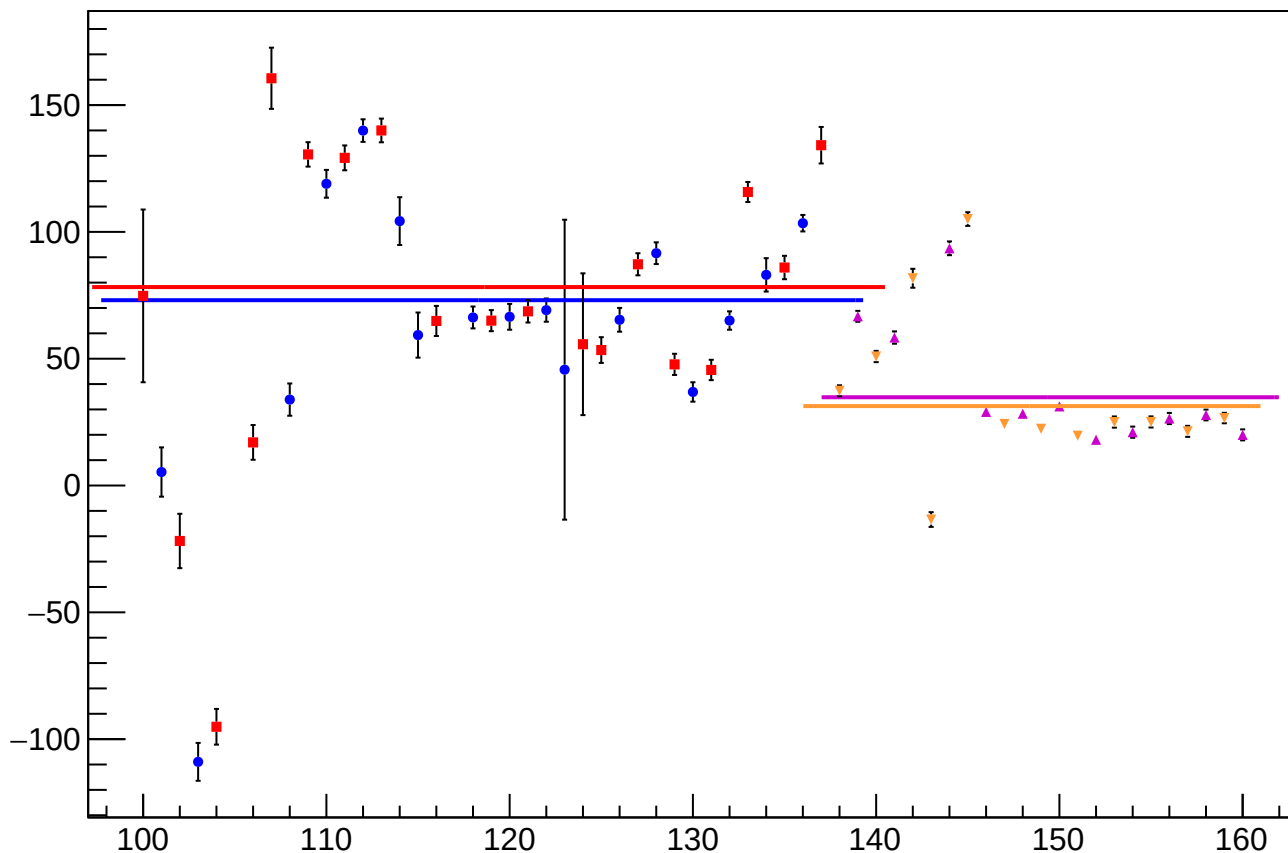
Left In: 9.072 ± 0.441 χ^2/NDF : 217.6/10

+ sign 11.675 ± 0.362 χ^2/NDF : 1008.1/28

All: 12.179 ± 0.257 χ^2/NDF : 1805.1/58

- 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: 31.319 $\pm$ 0.640 χ^2 /NDF:1366.9/11

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

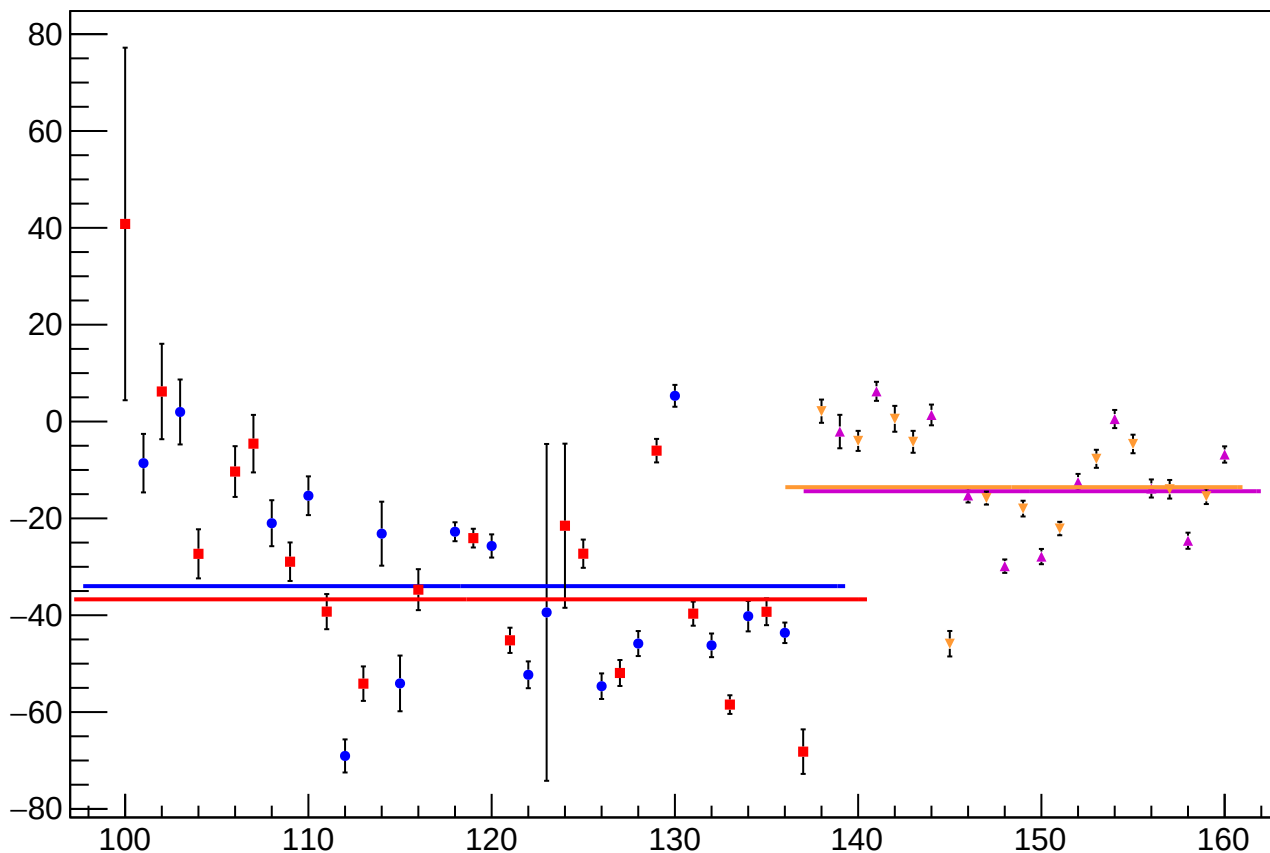
Left In: 34.802 $\pm$ 0.630 χ^2 /NDF:1004.0/10

+ sign 40.237 $\pm$ 0.567 χ^2 /NDF: 3476.2/28

All: 42.105 $\pm$ 0.399 χ^2 /NDF: 7041.6/58

- 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: -13.554 ± 0.530 χ^2/NDF : 341.3/11

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

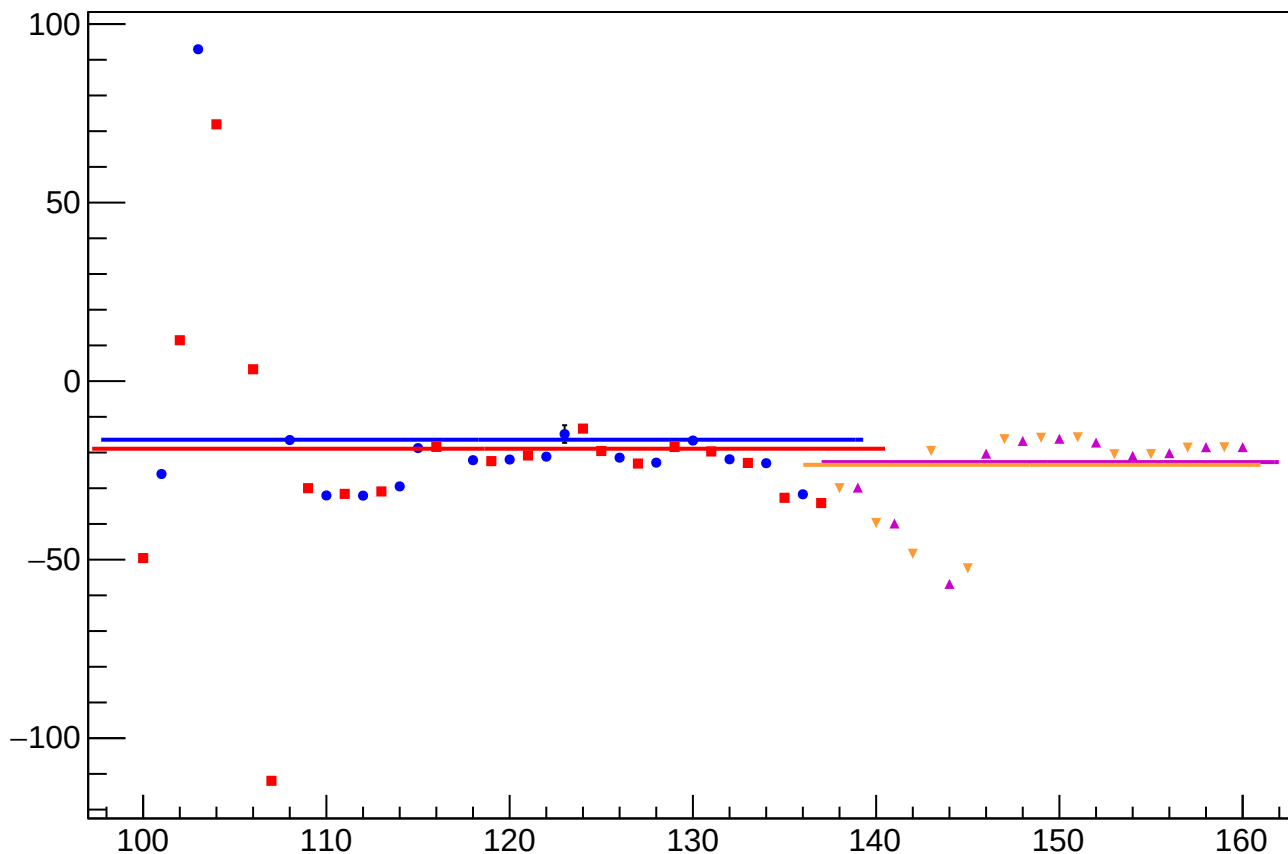
Left In: -14.392 ± 0.528 χ^2/NDF : 497.7/10

+ sign -20.533 ± 0.430 χ^2/NDF : 1568.5/28

All: -21.252 ± 0.304 χ^2/NDF : 3221.4/58

- 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: -23.436 ± 0.025 $\chi^2/\text{NDF}: 172217.9/11$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

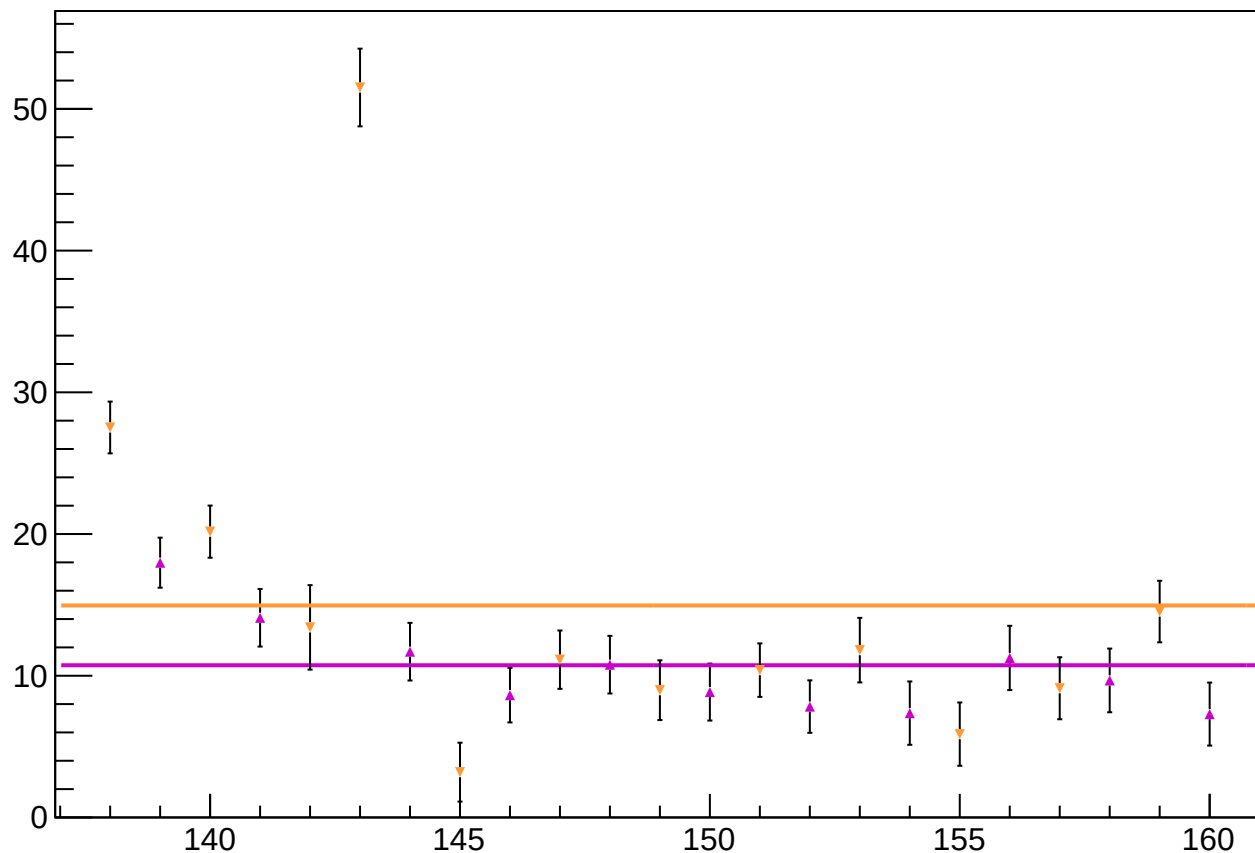
Left In: -22.680 ± 0.024 $\chi^2/\text{NDF}: 147790.0/10$

+ sign -21.733 ± 0.022 $\chi^2/\text{NDF}: 665551.6/28$

All: -21.783 ± 0.015 $\chi^2/\text{NDF}: 1252805.6/58$

- 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: 14.959+/-0.617 χ^2/NDF : 308.3/11

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

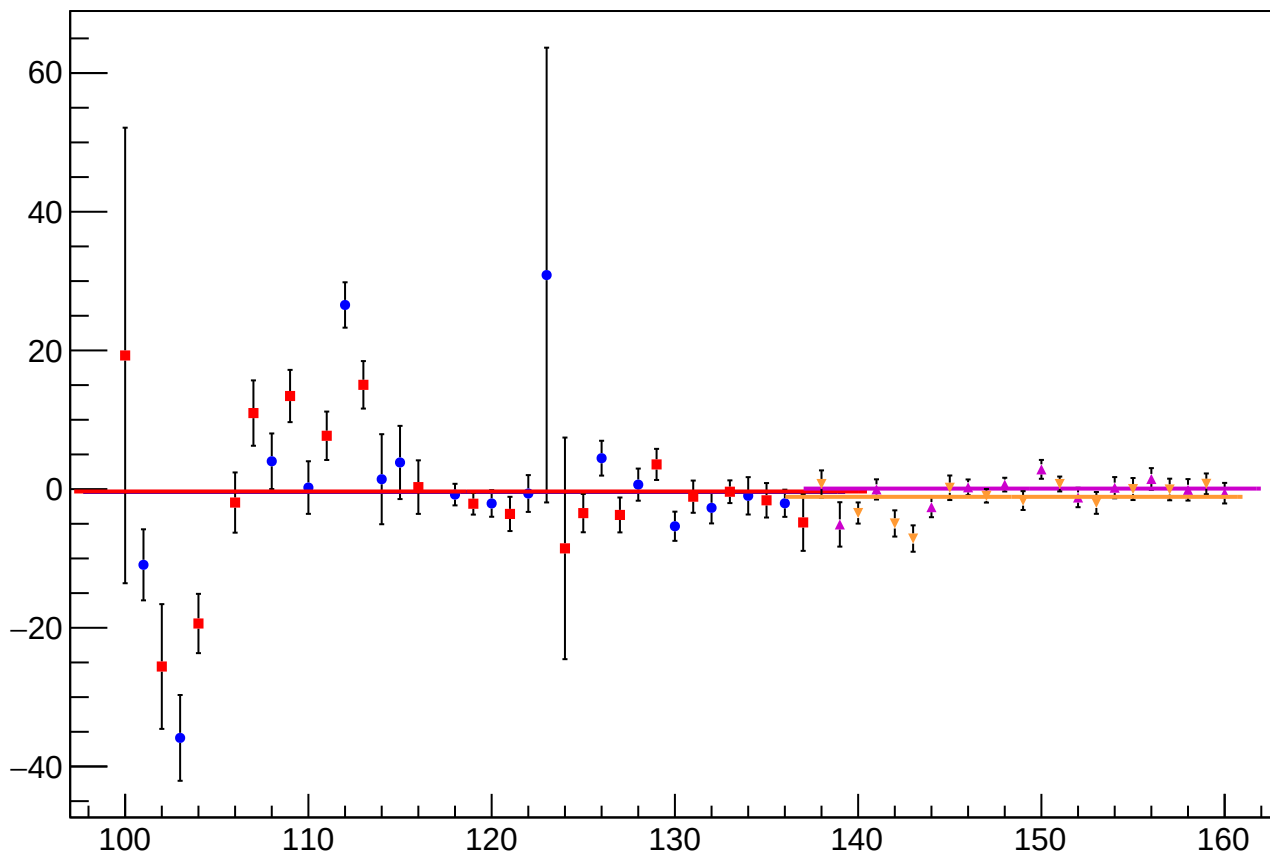
Left In: 10.740+/-0.614 χ^2/NDF : 29.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.840+/-0.435 χ^2/NDF : 361.0/22

- 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: -1.114 ± 0.419 χ^2/NDF : 23.9/11

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

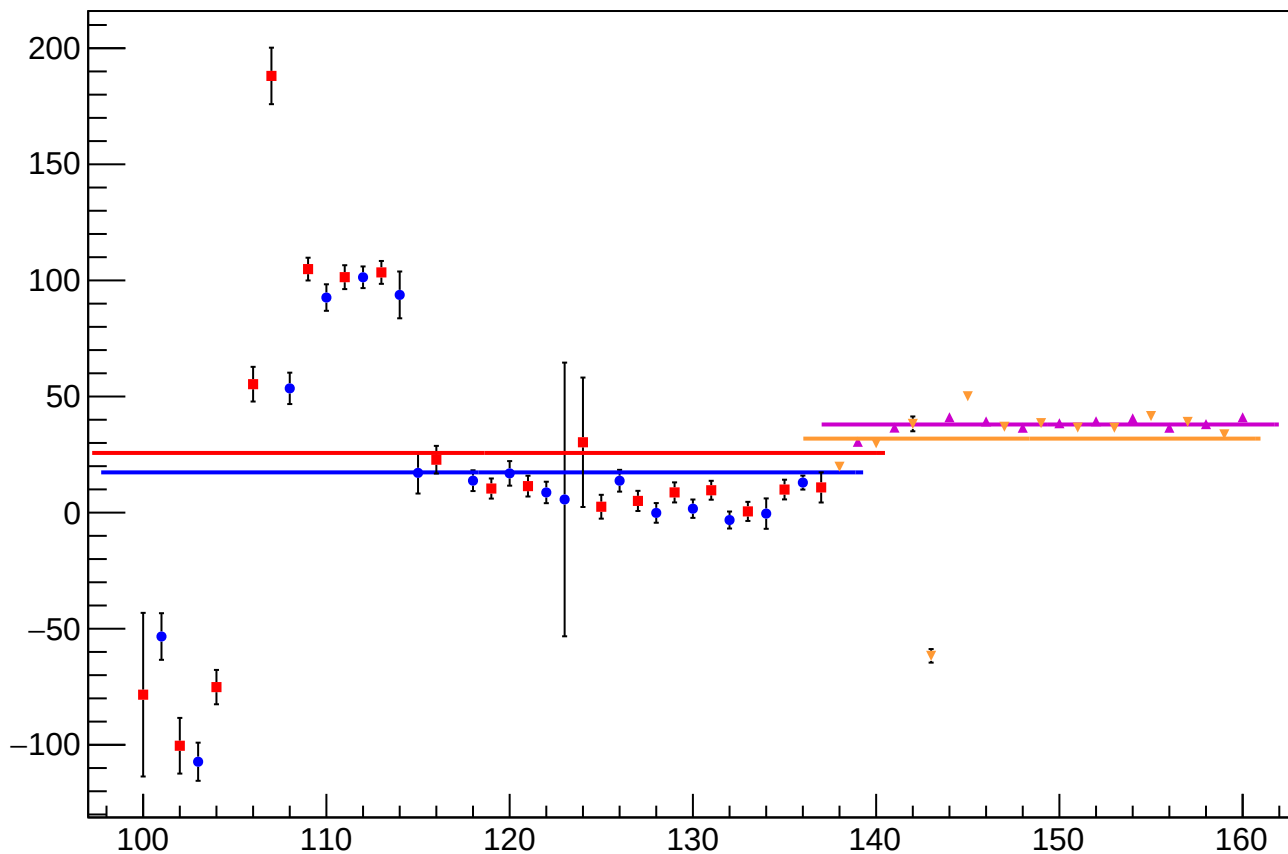
Left In: 0.075 ± 0.423 χ^2/NDF : 12.3/10

+ sign -0.910 ± 0.353 χ^2/NDF : 144.6/28

All: -0.481 ± 0.250 χ^2/NDF : 243.9/58

- 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: 31.872+/-0.606 χ^2/NDF : 1200.0/11

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

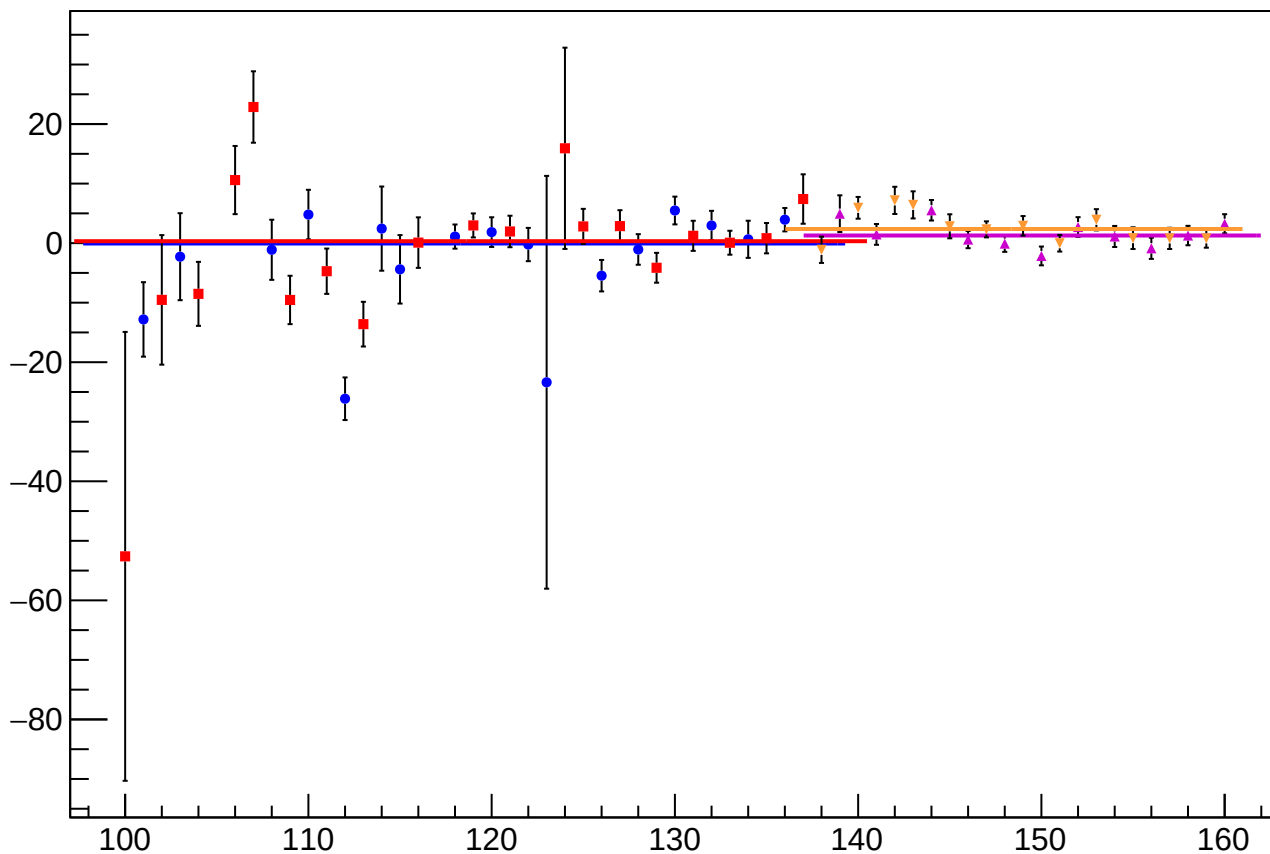
Left In: 37.956+/-0.598 χ^2/NDF : 23.7/10

+ sign 29.063+/-0.544 χ^2/NDF : 2254.3/28

All: 32.390+/-0.383 χ^2/NDF : 3810.0/58

- 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: 2.375 ± 0.506 χ^2/NDF : 20.2/11

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

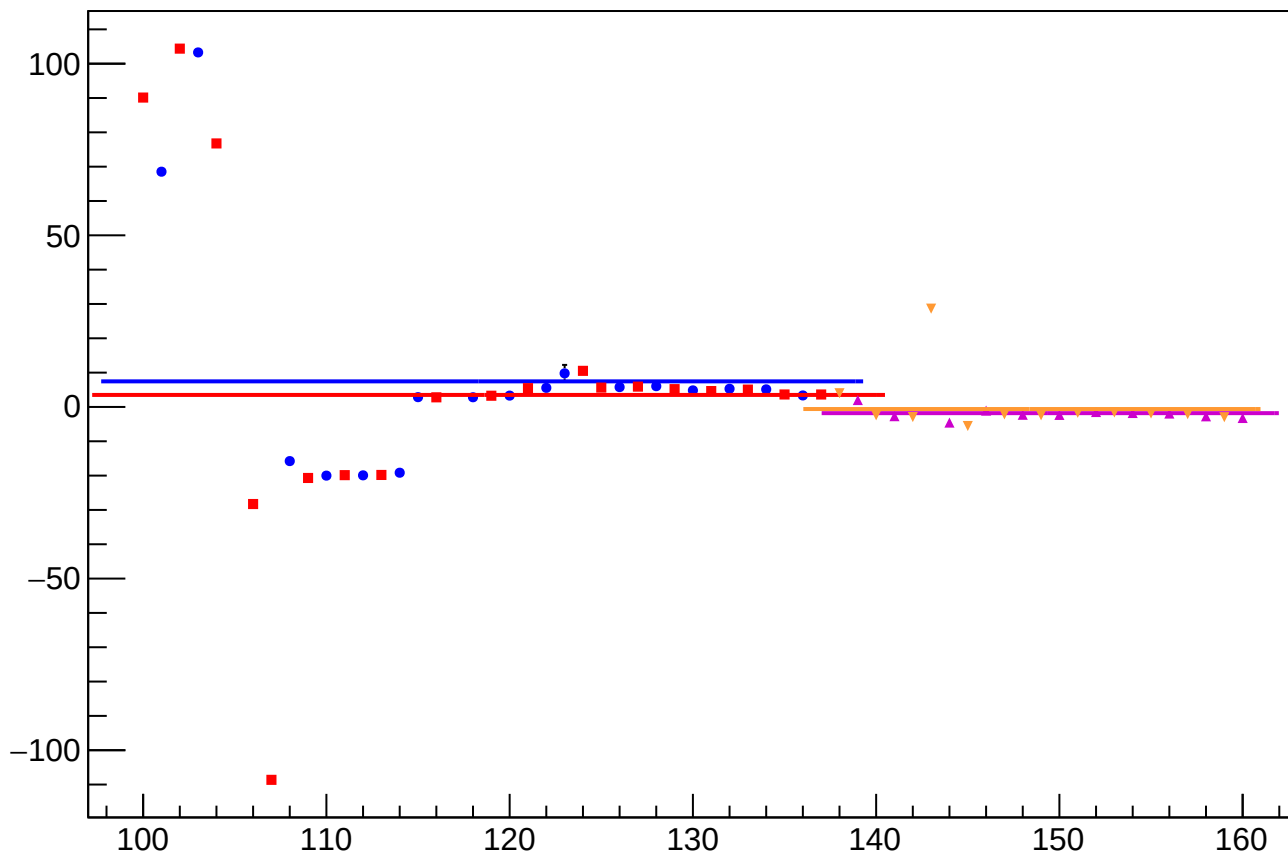
Left In: 1.283 ± 0.504 χ^2/NDF : 17.1/10

+ sign 1.604 ± 0.418 χ^2/NDF : 104.1/28

All: 1.294 ± 0.296 χ^2/NDF : 178.6/58

- 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 $\chi^2/\text{NDF}: 356053.3/16$

Left Out: -0.605 ± 0.024 $\chi^2/\text{NDF}: 73108.6/11$

Right Out: 3.502 ± 0.046 $\chi^2/\text{NDF}: 510579.7/18$

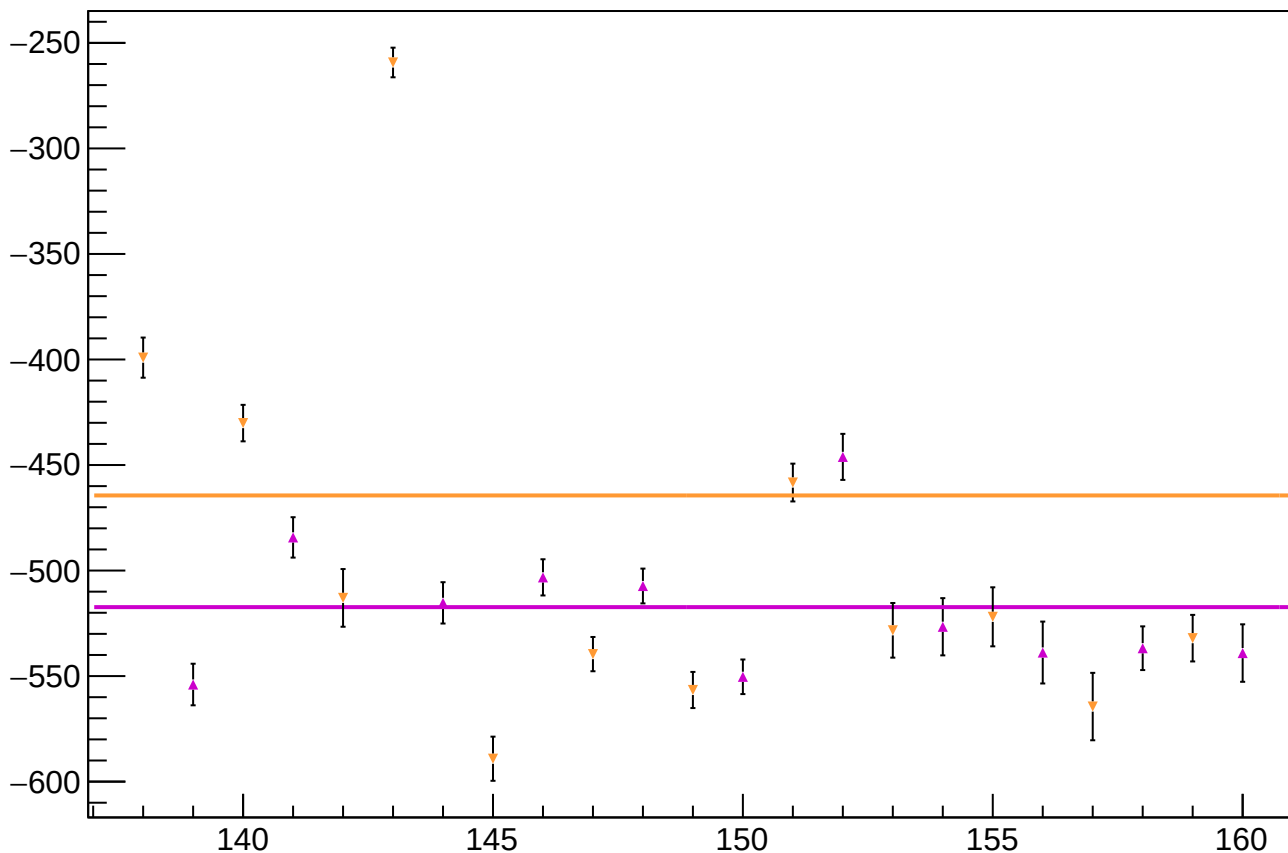
Left In: -1.807 ± 0.023 $\chi^2/\text{NDF}: 4801.1/10$

+ sign 1.181 ± 0.021 $\chi^2/\text{NDF}: 454783.8/28$

All: 0.223 ± 0.015 $\chi^2/\text{NDF}: 985098.7/58$

- sign -0.713 ± 0.021 $\chi^2/\text{NDF}: 526167.3/29$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -464.414+/-2.843 χ^2/NDF :1392.2/11

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

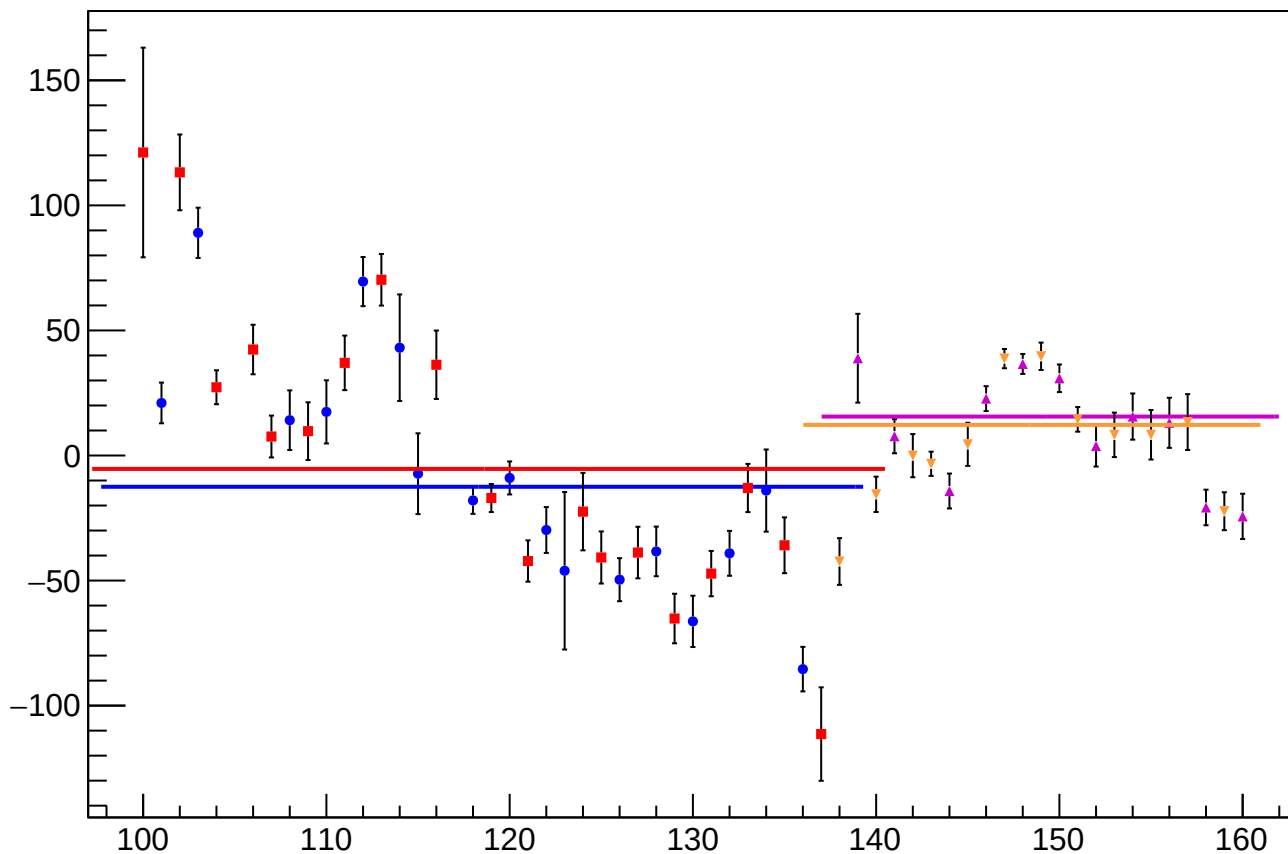
Left In: -517.328+/-3.041 χ^2/NDF :97.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -489.086+/-2.077 χ^2/NDF : 1651.3/22

- 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: 12.237 ± 1.852 χ^2/NDF : 156.7/11

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

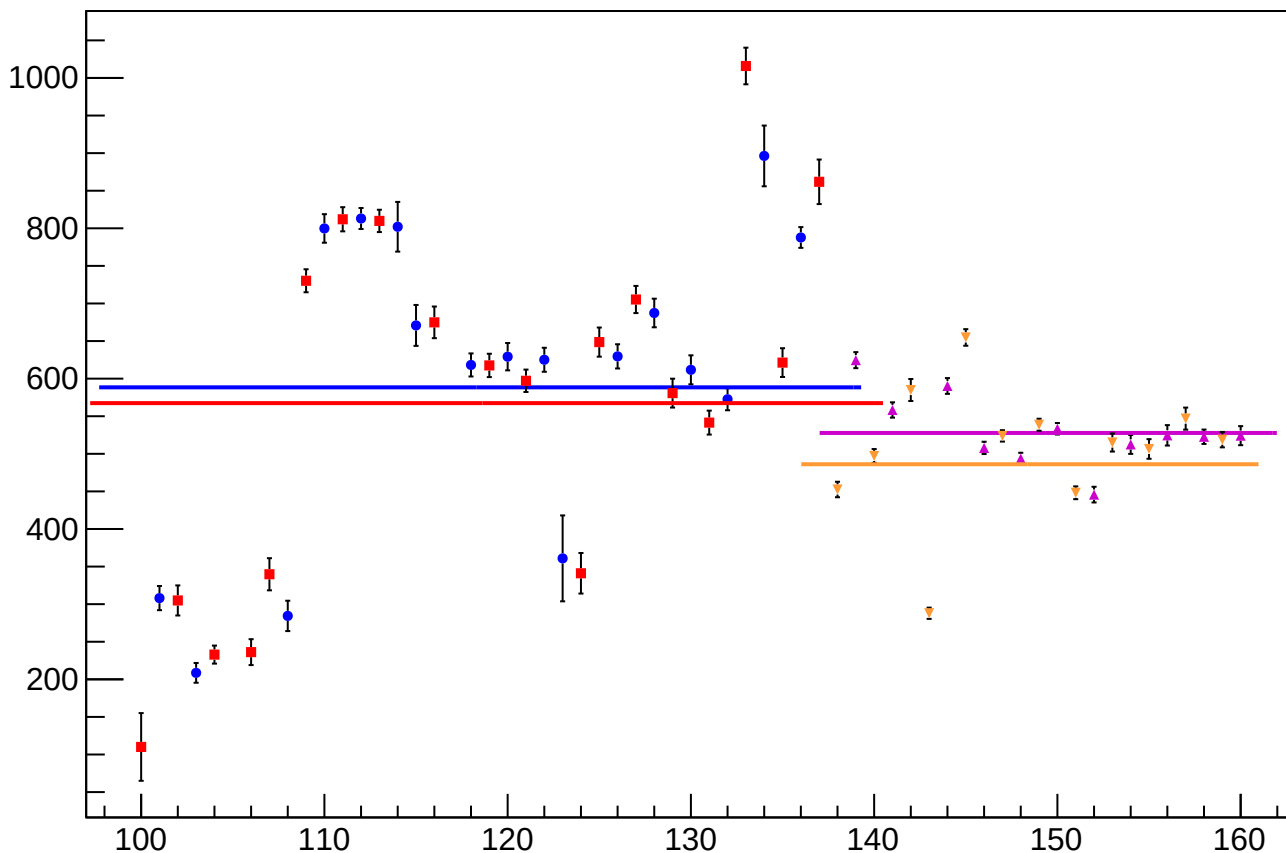
Left In: 15.567 ± 2.001 χ^2/NDF : 106.5/10

+ sign 2.561 ± 1.445 χ^2/NDF : 567.5/28

All: 4.405 ± 1.041 χ^2/NDF : 1070.0/58

- 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: 486.125 $\pm$ 2.821 χ^2/NDF : 1115.5/11

Right Out: 567.451 $\pm$ 4.137 χ^2/NDF : 2784.8/18

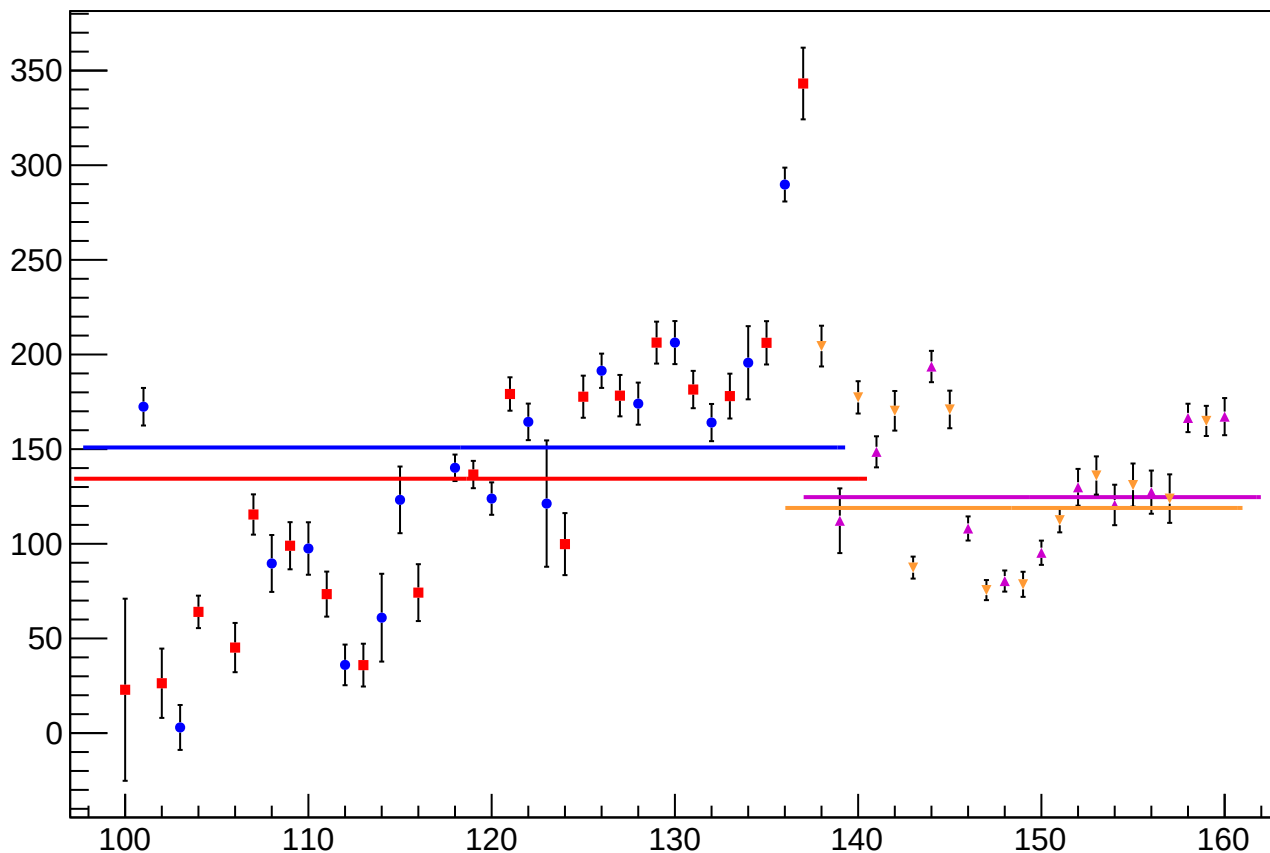
Left In: 527.761 $\pm$ 2.958 χ^2/NDF : 216.6/10

+ sign 516.695 $\pm$ 2.362 χ^2/NDF : 3638.7/28

All: 528.714 $\pm$ 1.685 χ^2/NDF : 6753.8/58

- 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 ± 2.674 $\chi^2/\text{NDF}: 634.8/16$

Left Out: 118.937 ± 2.274 $\chi^2/\text{NDF}: 333.4/11$

Right Out: 134.381 ± 2.620 $\chi^2/\text{NDF}: 584.9/18$

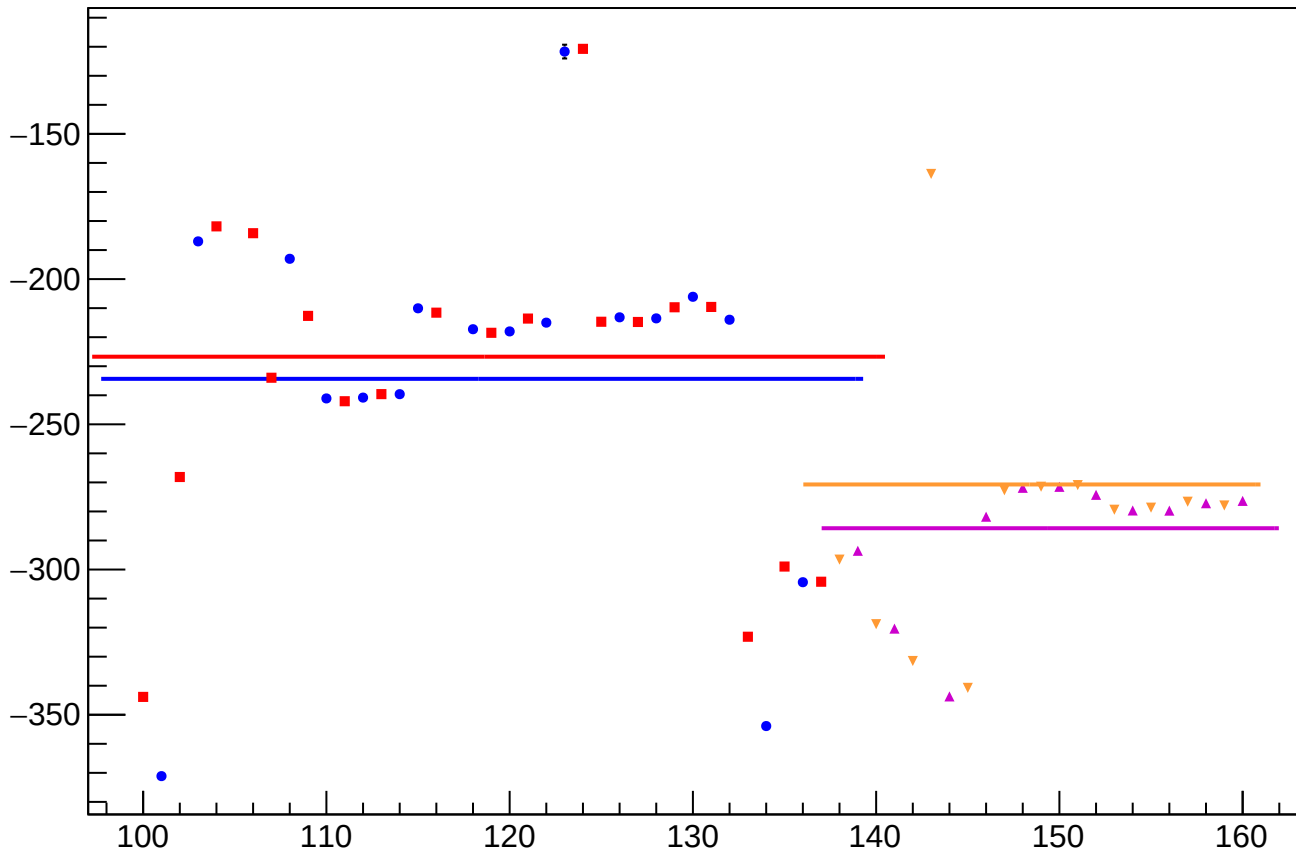
Left In: 124.658 ± 2.431 $\chi^2/\text{NDF}: 219.8/10$

+ sign 132.352 ± 1.732 $\chi^2/\text{NDF}: 1051.1/28$

All: 130.800 ± 1.242 $\chi^2/\text{NDF}: 1864.8/58$

- sign 129.157 ± 1.782 $\chi^2/\text{NDF}: 812.1/29$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341 $\pm$ 0.148 χ^2 /NDF: 145165.1/16

Left Out: -270.705 $\pm$ 0.114 χ^2 /NDF: 182670.2/11

Right Out: -226.716 $\pm$ 0.141 χ^2 /NDF: 99440.4/18

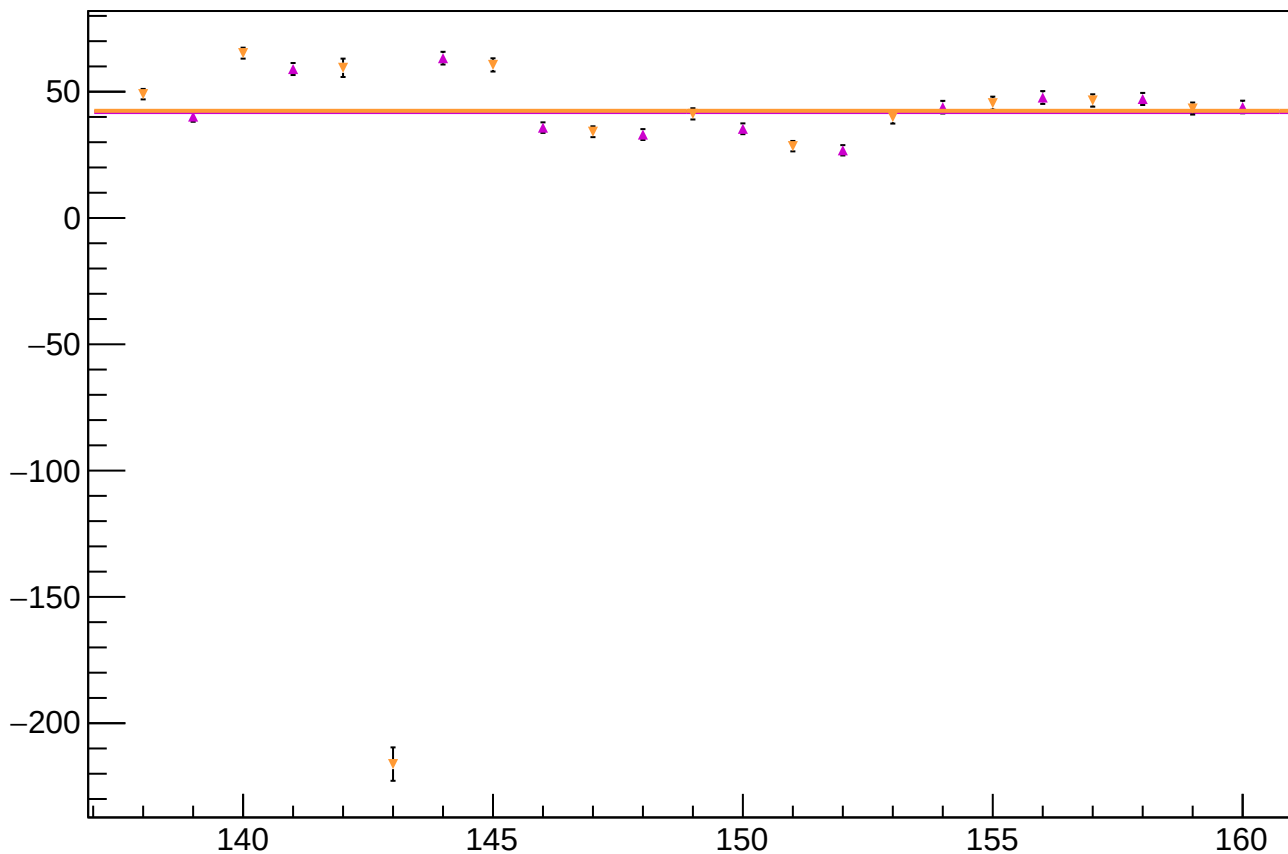
Left In: -285.776 $\pm$ 0.118 χ^2 /NDF: 29416.3/10

+ sign -257.151 $\pm$ 0.091 χ^2 /NDF: 365546.7/28

All: -259.376 $\pm$ 0.064 χ^2 /NDF: 598749.2/58

- sign -261.596 $\pm$ 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: 42.434+/-0.709 χ^2/NDF :1786.7/11

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

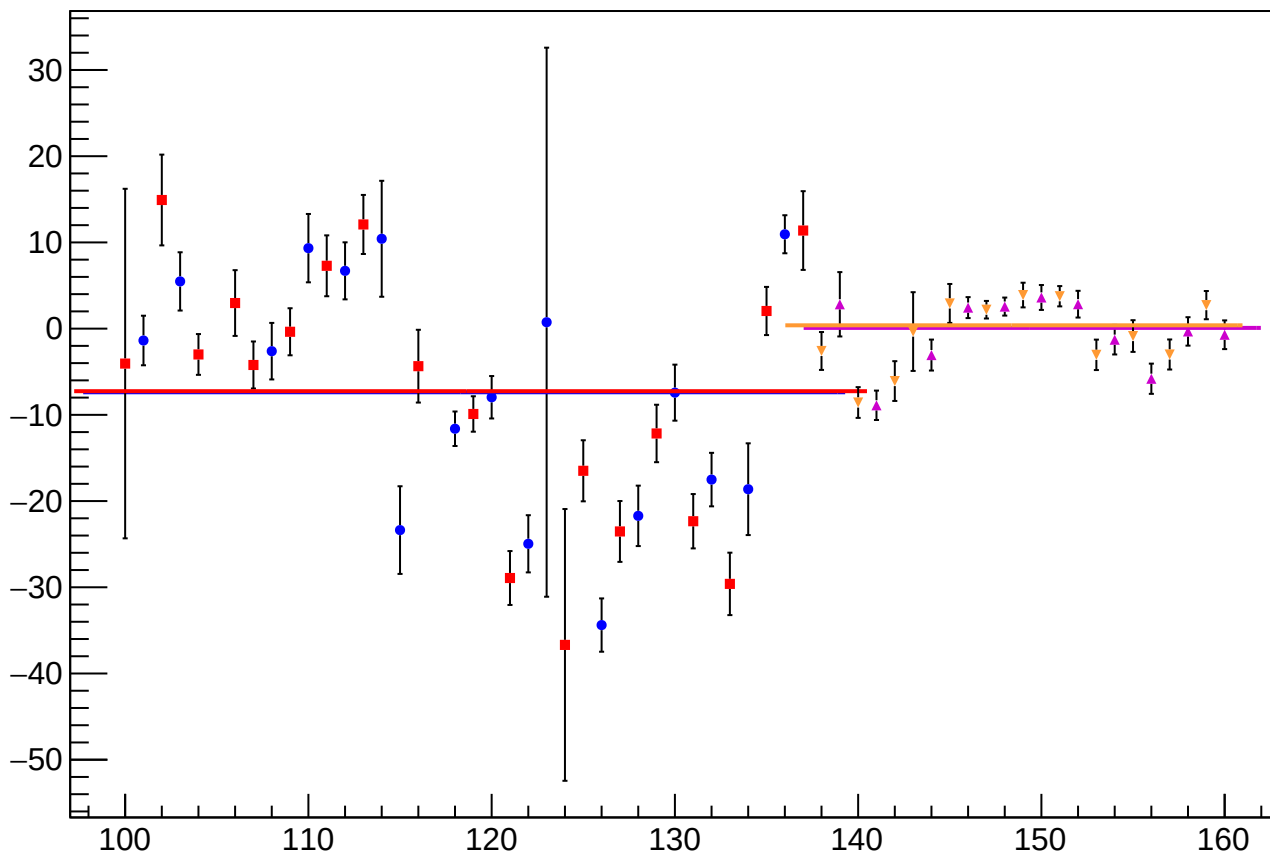
Left In: 41.931+/-0.686 χ^2/NDF :225.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.174+/-0.493 χ^2/NDF : 2012.3/22

- 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: 0.385 ± 0.474 χ^2/NDF : 63.6/11

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

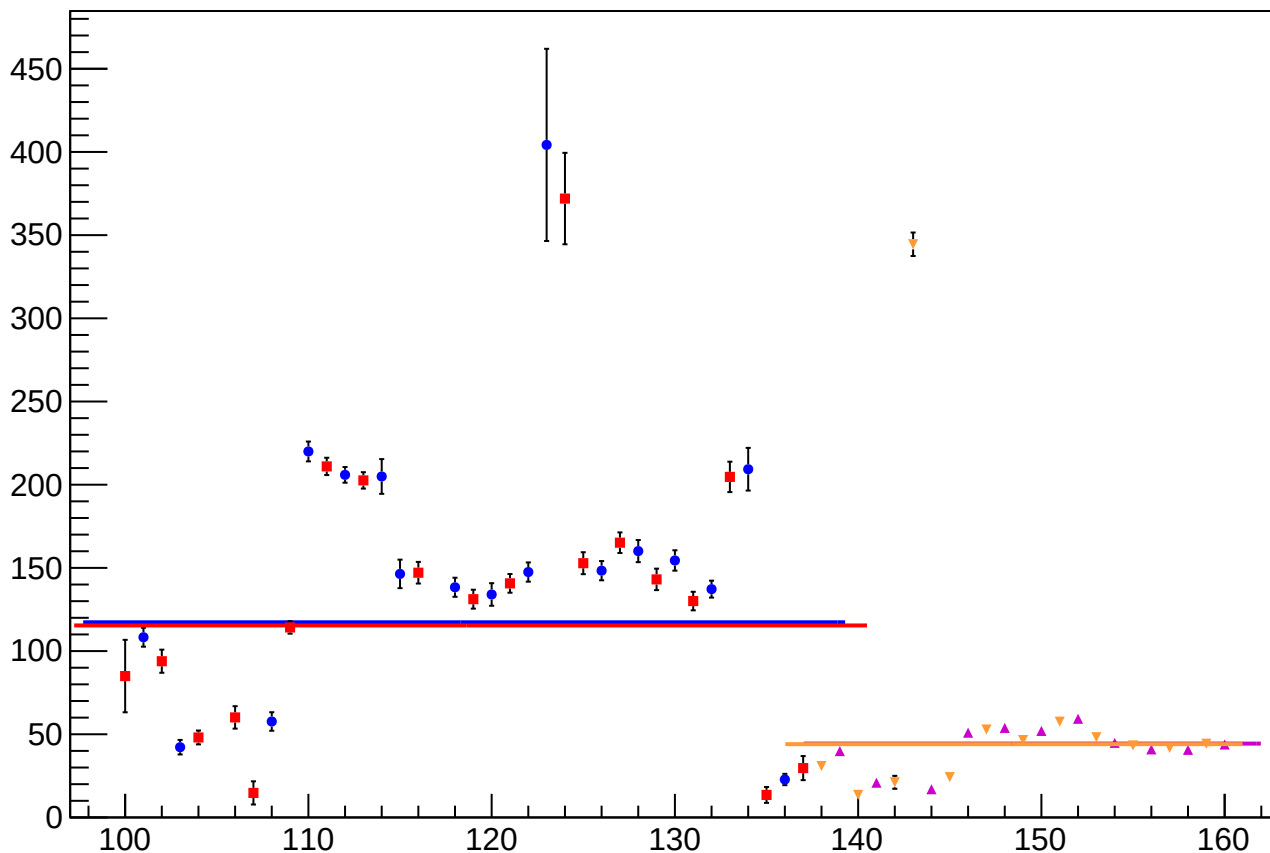
Left In: 0.086 ± 0.466 χ^2/NDF : 62.0/10

+ sign -1.717 ± 0.405 χ^2/NDF : 419.7/28

All: -1.817 ± 0.284 χ^2/NDF : 806.8/58

- 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: 44.041 $\pm$ 0.691 χ^2 /NDF:2179.8/11

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

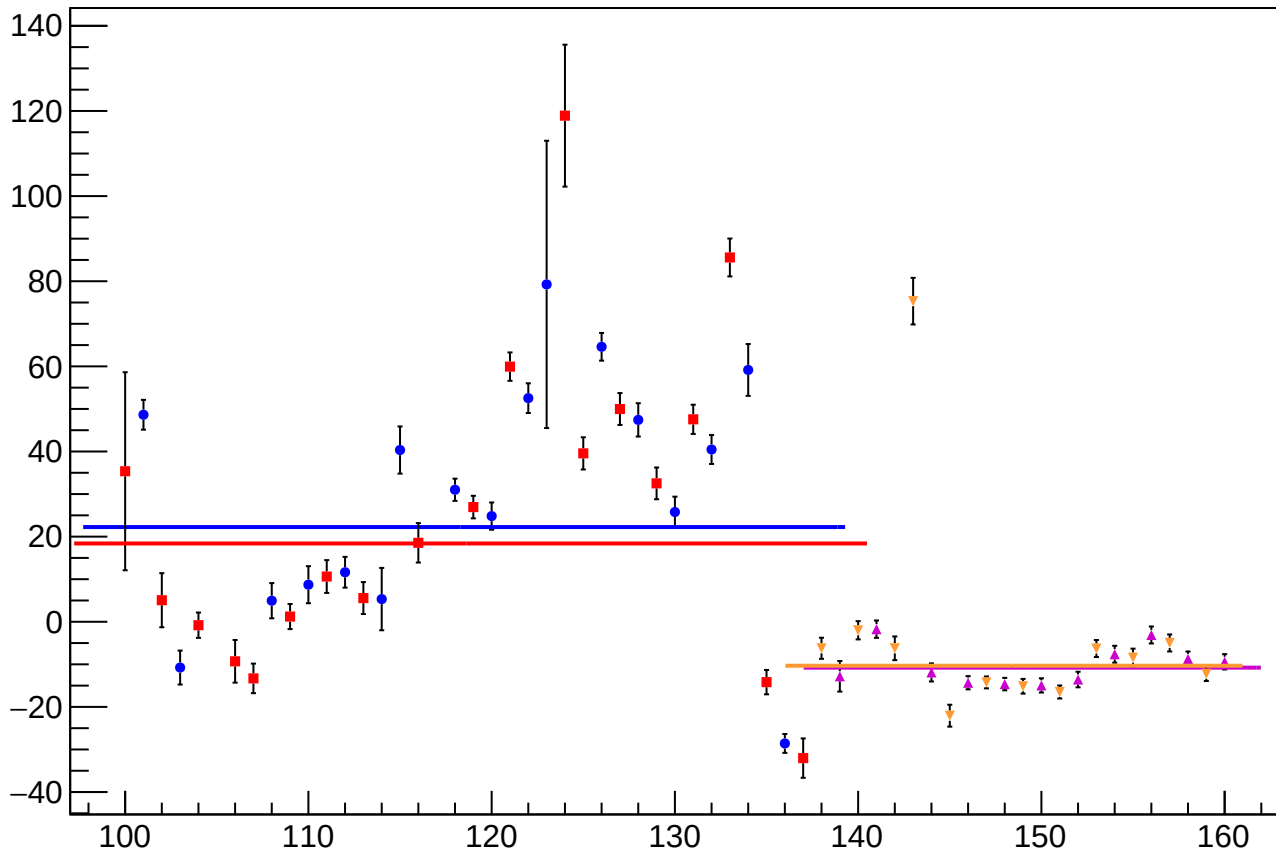
Left In: 44.394 $\pm$ 0.665 χ^2 /NDF:304.8/10

+ sign 58.264 $\pm$ 0.621 χ^2 /NDF: 6521.0/28

All: 58.180 $\pm$ 0.431 χ^2 /NDF: 11174.4/58

- 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: -10.328 $\pm$ 0.575 χ^2/NDF : 330.5/11

Right Out: 18.395 $\pm$ 0.872 χ^2/NDF : 1077.1/18

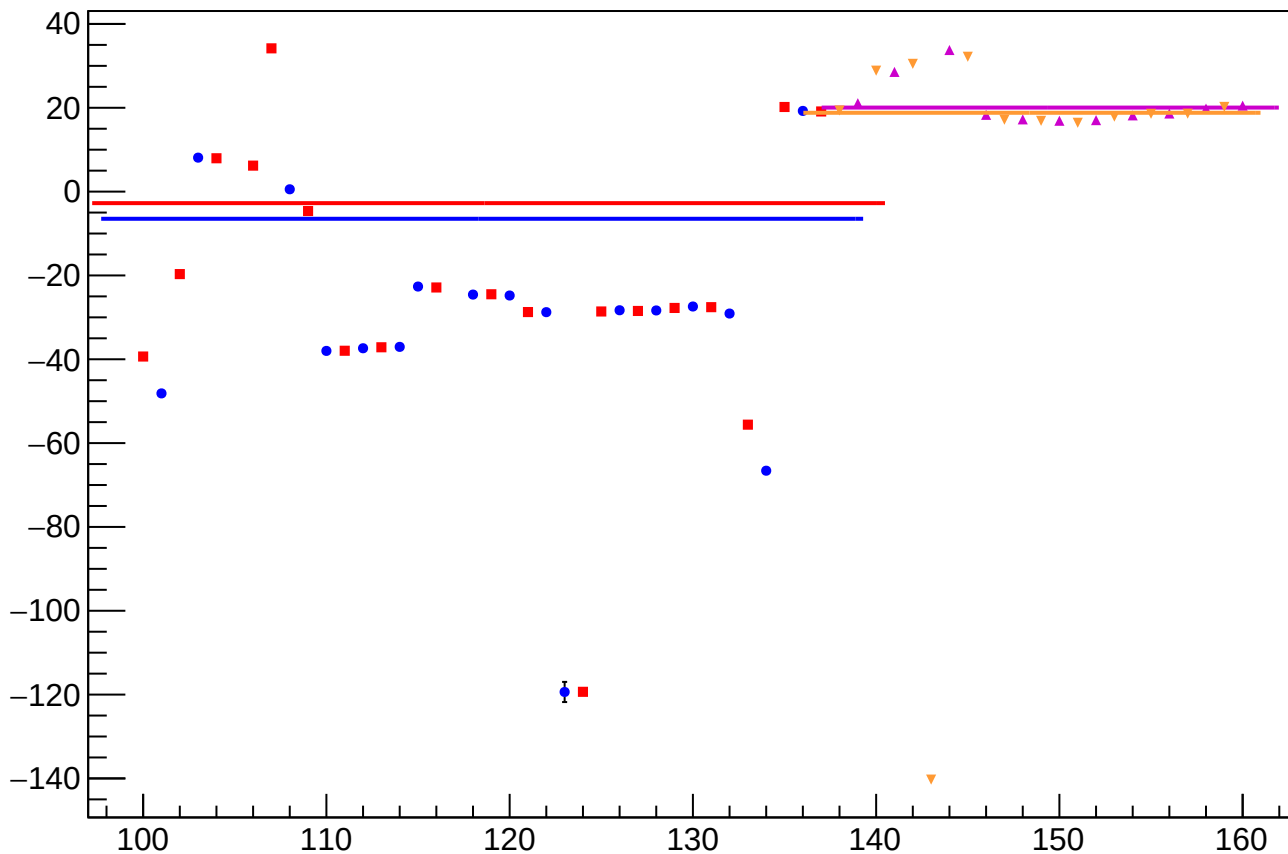
Left In: -10.776 $\pm$ 0.558 χ^2/NDF : 60.2/10

+ sign -0.720 $\pm$ 0.483 χ^2/NDF : 2348.5/28

All: -1.537 $\pm$ 0.337 χ^2/NDF : 4286.0/58

- 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: 18.806 ± 0.027 χ^2/NDF : 348909.7/11

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

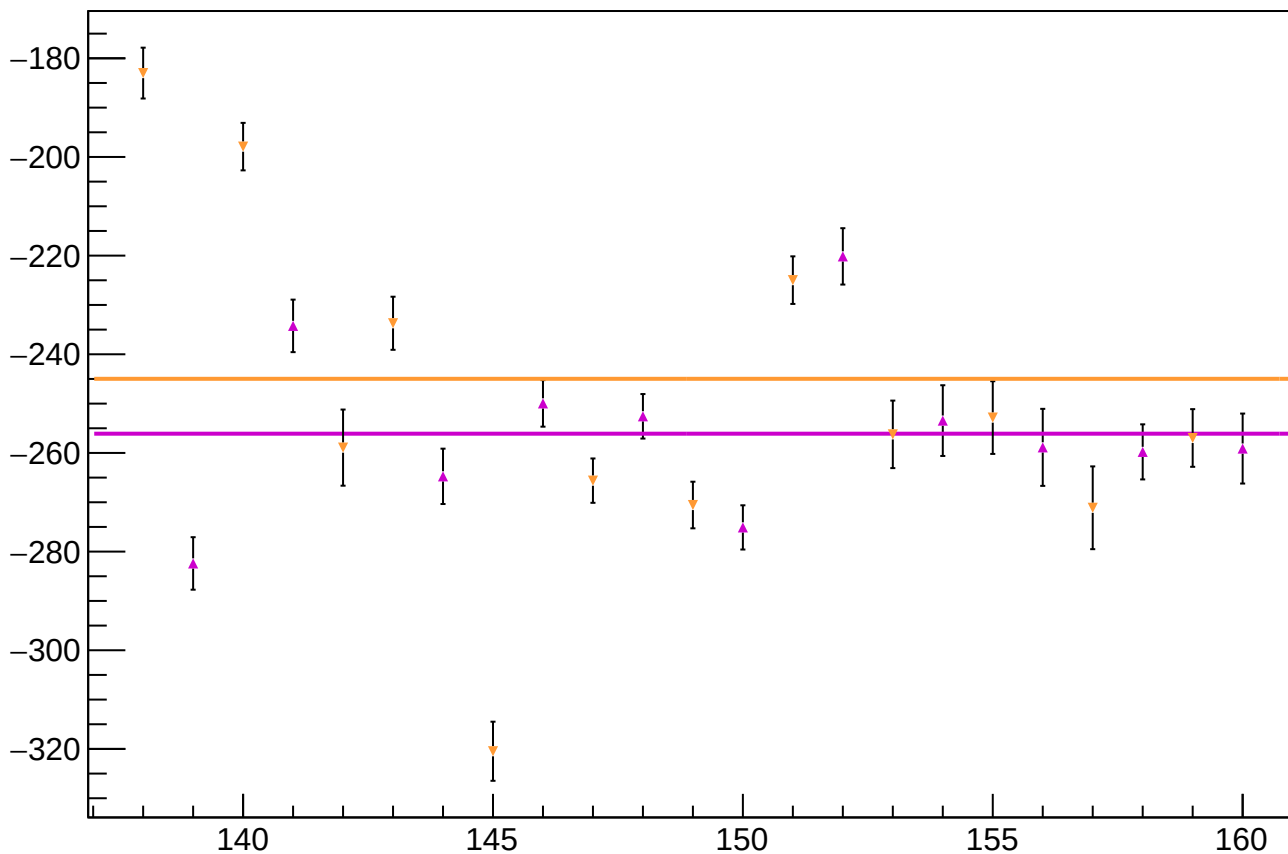
Left In: 20.046 ± 0.026 χ^2/NDF : 25893.5/10

+ sign 12.315 ± 0.023 χ^2/NDF : 837770.6/28

All: 13.456 ± 0.016 χ^2/NDF : 1323167.9/58

- 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: -244.972+/-1.621 χ^2/NDF : 492.1/11

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

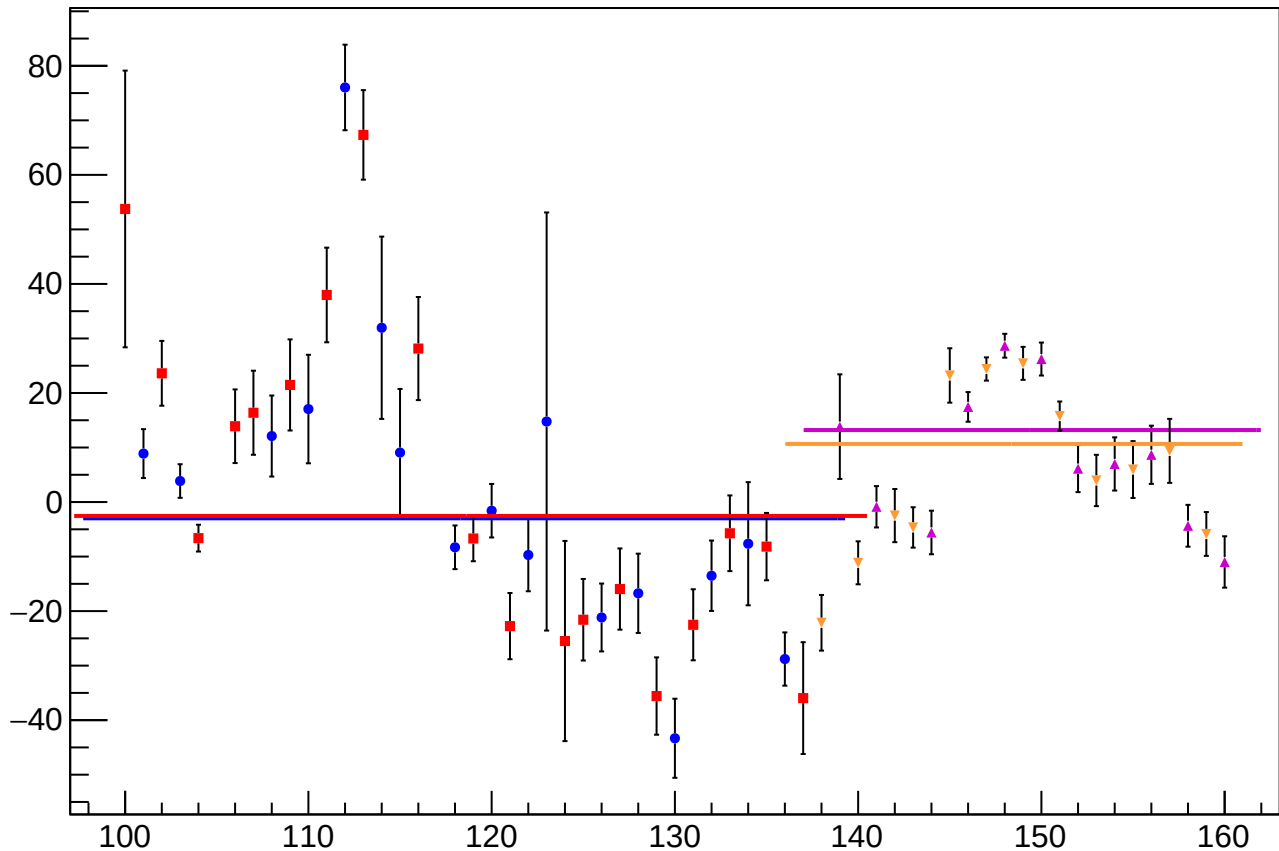
Left In: -256.098+/-1.656 χ^2/NDF : 104.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.417+/-1.158 χ^2/NDF : 619.5/22

- 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 $\chi^2/\text{NDF}: 203.9/16$

Left Out: 10.658 ± 1.053 $\chi^2/\text{NDF}: 191.6/11$

Right Out: -2.548 ± 1.399 $\chi^2/\text{NDF}: 218.1/18$

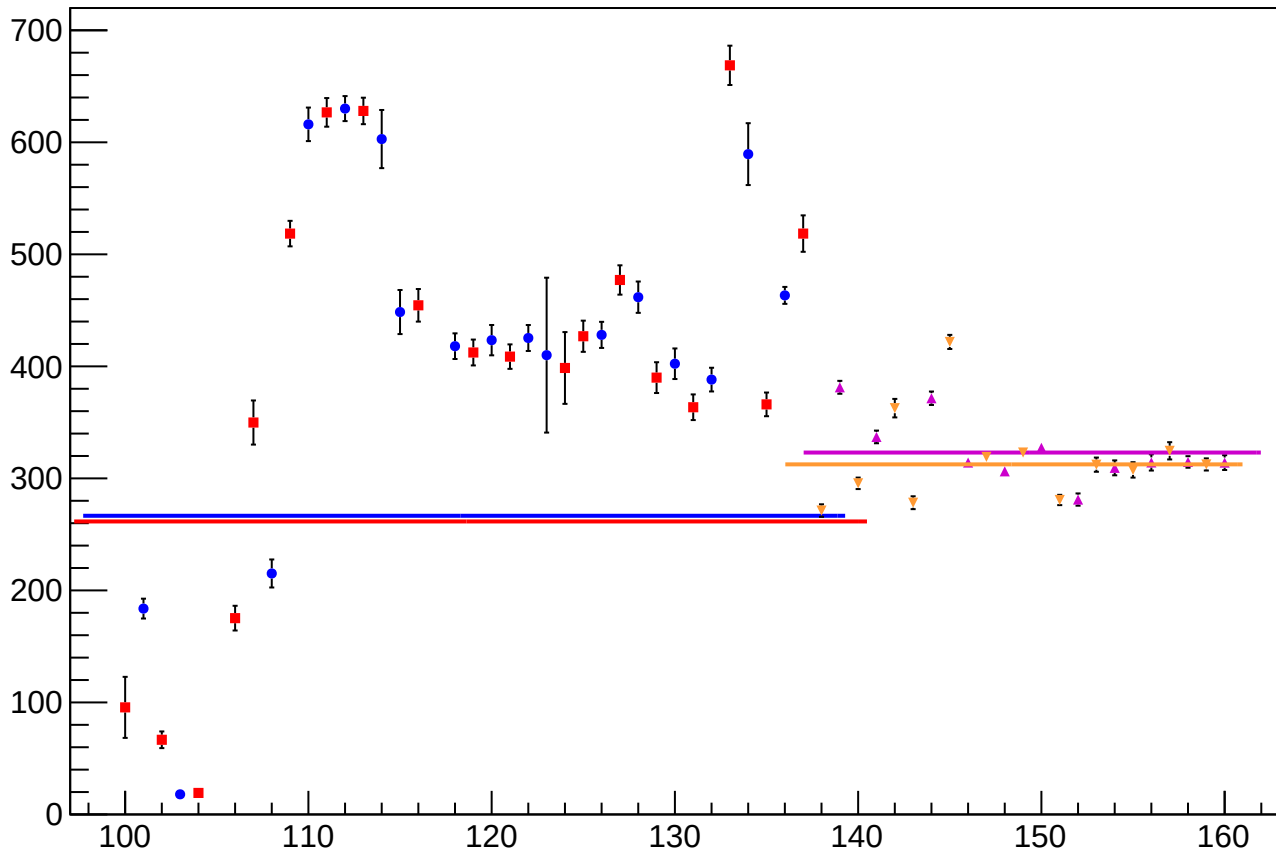
Left In: 13.205 ± 1.091 $\chi^2/\text{NDF}: 159.2/10$

+ sign 5.948 ± 0.852 $\chi^2/\text{NDF}: 453.4/28$

All: 6.593 ± 0.605 $\chi^2/\text{NDF}: 910.8/58$

- sign 7.249 ± 0.860 $\chi^2/\text{NDF}: 456.2/29$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 312.510 $\pm$ 1.596 χ^2 /NDF: 498.5/11

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

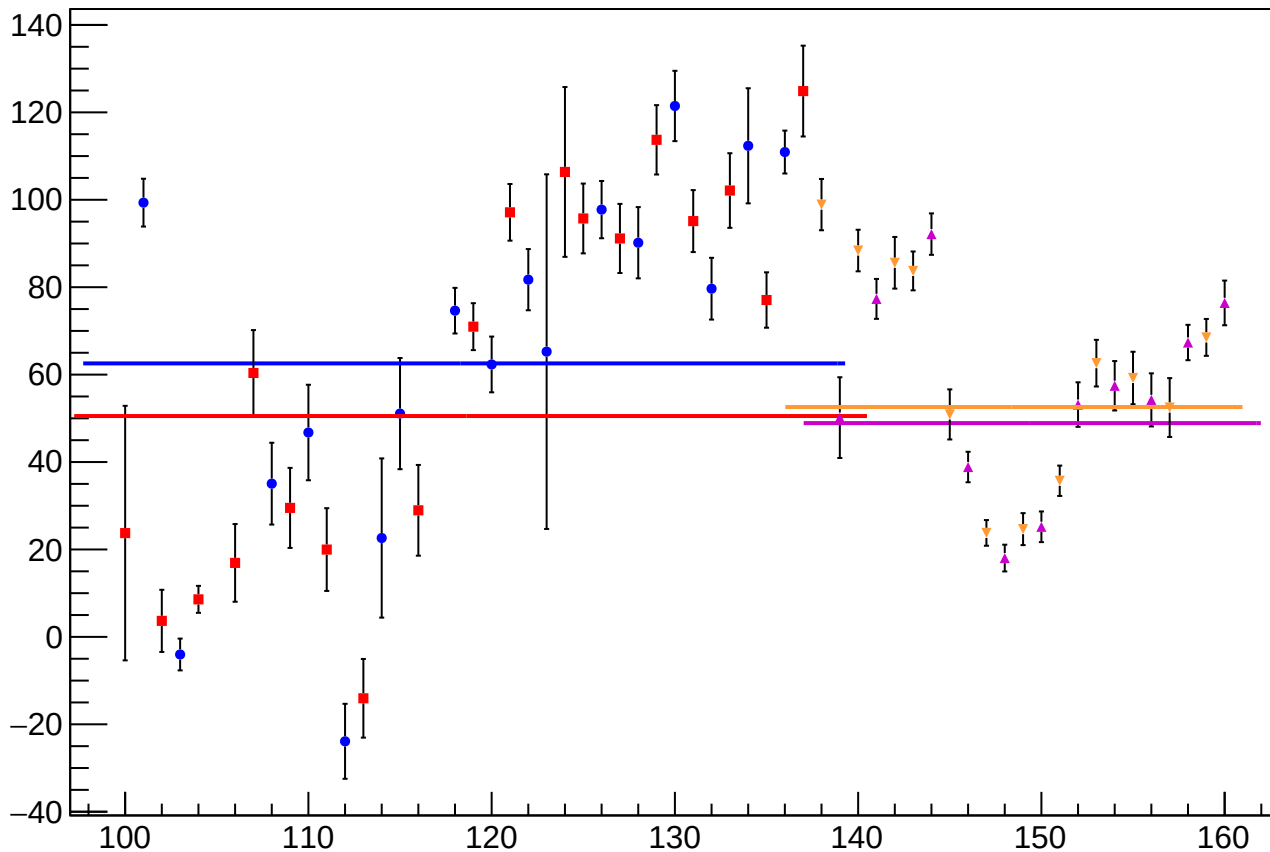
Left In: 323.063 $\pm$ 1.608 χ^2 /NDF: 263.2/10

+ sign 299.047 $\pm$ 1.342 χ^2 /NDF: 8403.6/28

All: 301.829 $\pm$ 0.950 χ^2 /NDF: 17322.3/58

- 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 $\pm$ 1.678 χ^2 /NDF: 722.4/16

Left Out: 52.585 $\pm$ 1.294 χ^2 /NDF: 396.3/11

Right Out: 50.526 $\pm$ 1.643 χ^2 /NDF: 657.0/18

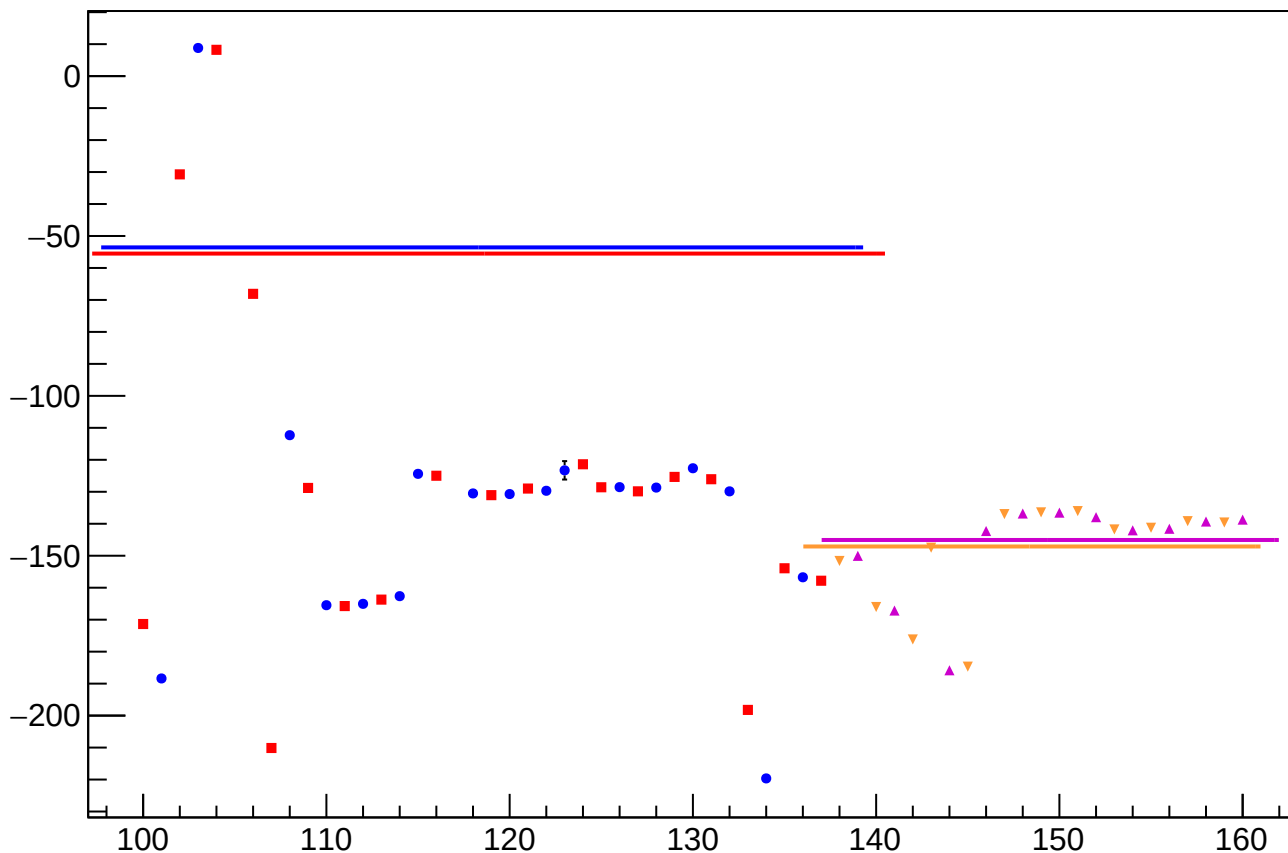
Left In: 48.910 $\pm$ 1.324 χ^2 /NDF: 331.2/10

+ sign 56.306 $\pm$ 1.025 χ^2 /NDF: 1140.9/28

All: 52.947 $\pm$ 0.727 χ^2 /NDF: 2151.4/58

- sign 49.546 $\pm$ 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: -147.107 ± 0.065 χ^2/NDF : 50444.0/11

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

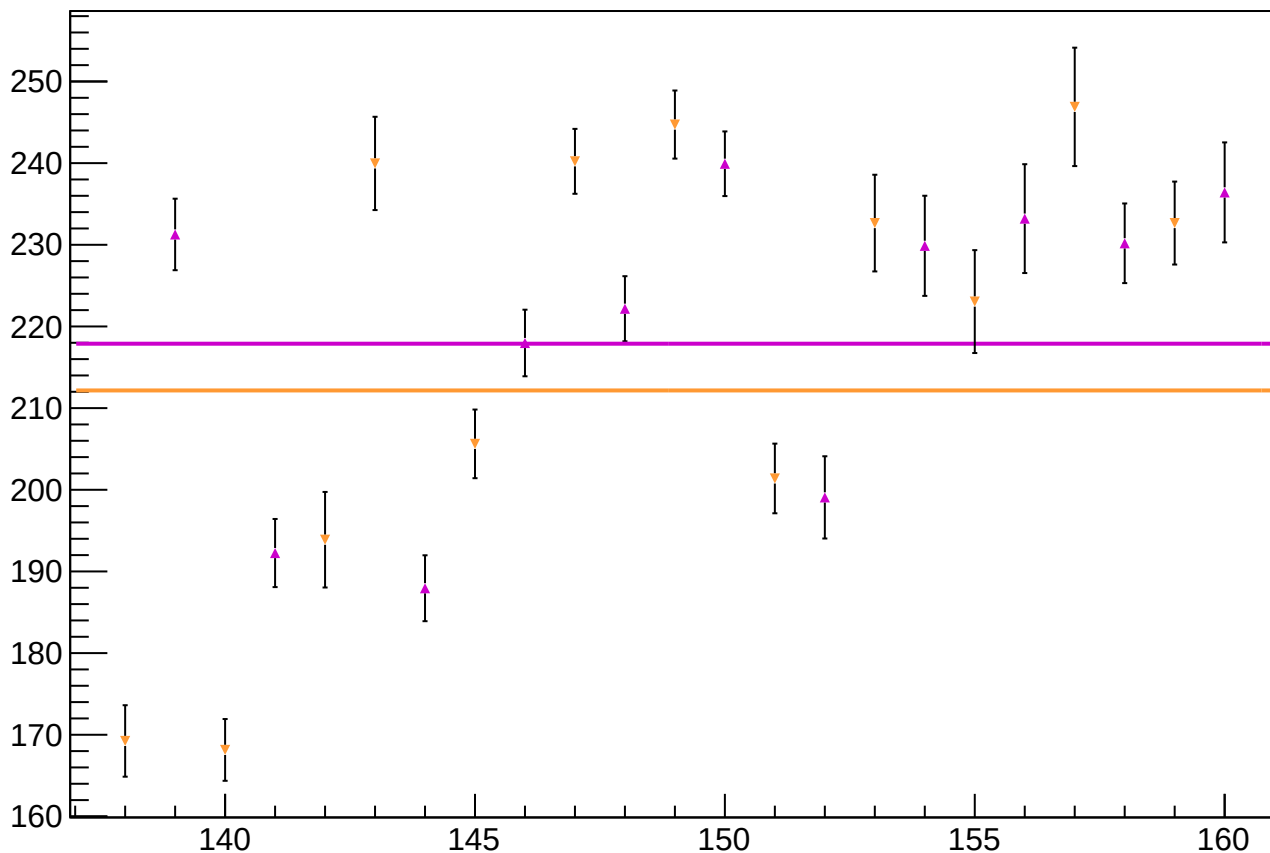
Left In: -145.073 ± 0.064 χ^2/NDF : 41607.8/10

+ sign -104.327 ± 0.048 χ^2/NDF : 2242146.7/28

All: -104.979 ± 0.034 χ^2/NDF : 4122255.6/58

- 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: 212.164+/-1.379 χ^2/NDF : 438.9/11

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

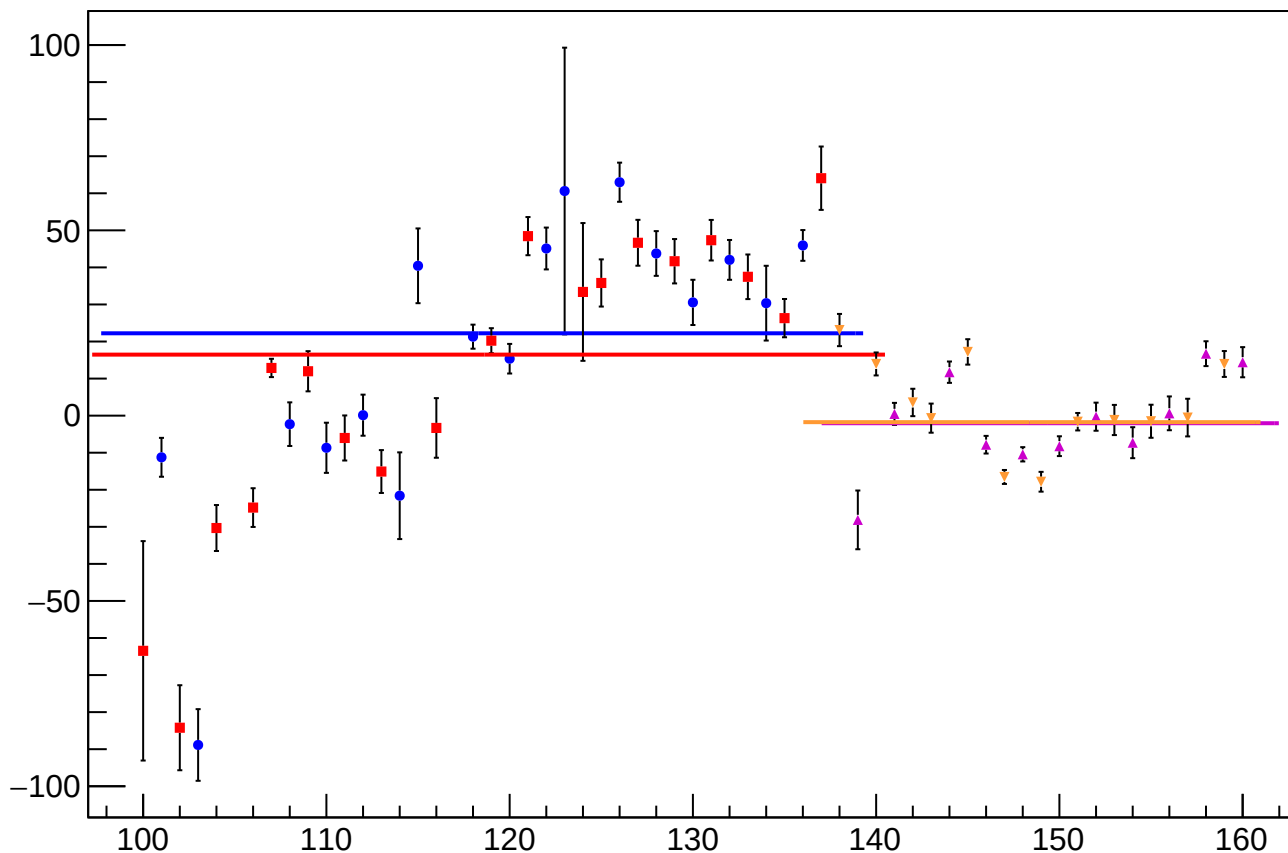
Left In: 217.888+/-1.393 χ^2/NDF : 172.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.997+/-0.980 χ^2/NDF : 620.4/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 $\pm$ 1.374 χ^2 /NDF: 385.6/16

Left Out: -1.754 $\pm$ 0.908 χ^2 /NDF: 209.2/11

Right Out: 16.466 $\pm$ 1.230 χ^2 /NDF: 425.9/18

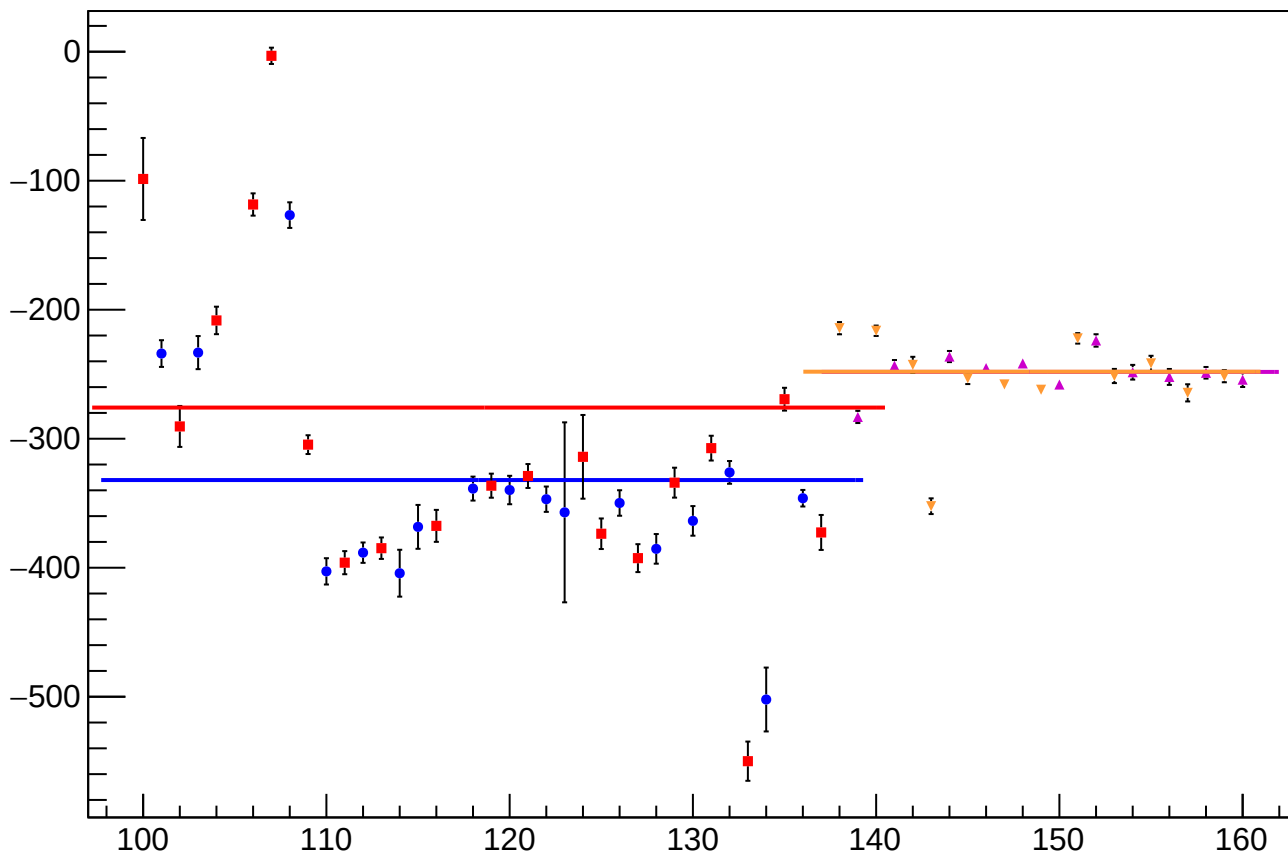
Left In: -2.045 $\pm$ 0.929 χ^2 /NDF: 114.4/10

+ sign 5.533 $\pm$ 0.757 χ^2 /NDF: 806.8/28

All: 5.098 $\pm$ 0.530 χ^2 /NDF: 1492.0/58

- sign 4.682 $\pm$ 0.741 χ^2 /NDF: 684.6/29

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 $\pm$ 2.562 χ^2 /NDF: 784.9/16

Left Out: -248.041 $\pm$ 1.364 χ^2 /NDF: 475.7/11

Right Out: -275.853 $\pm$ 2.324 χ^2 /NDF: 3362.8/18

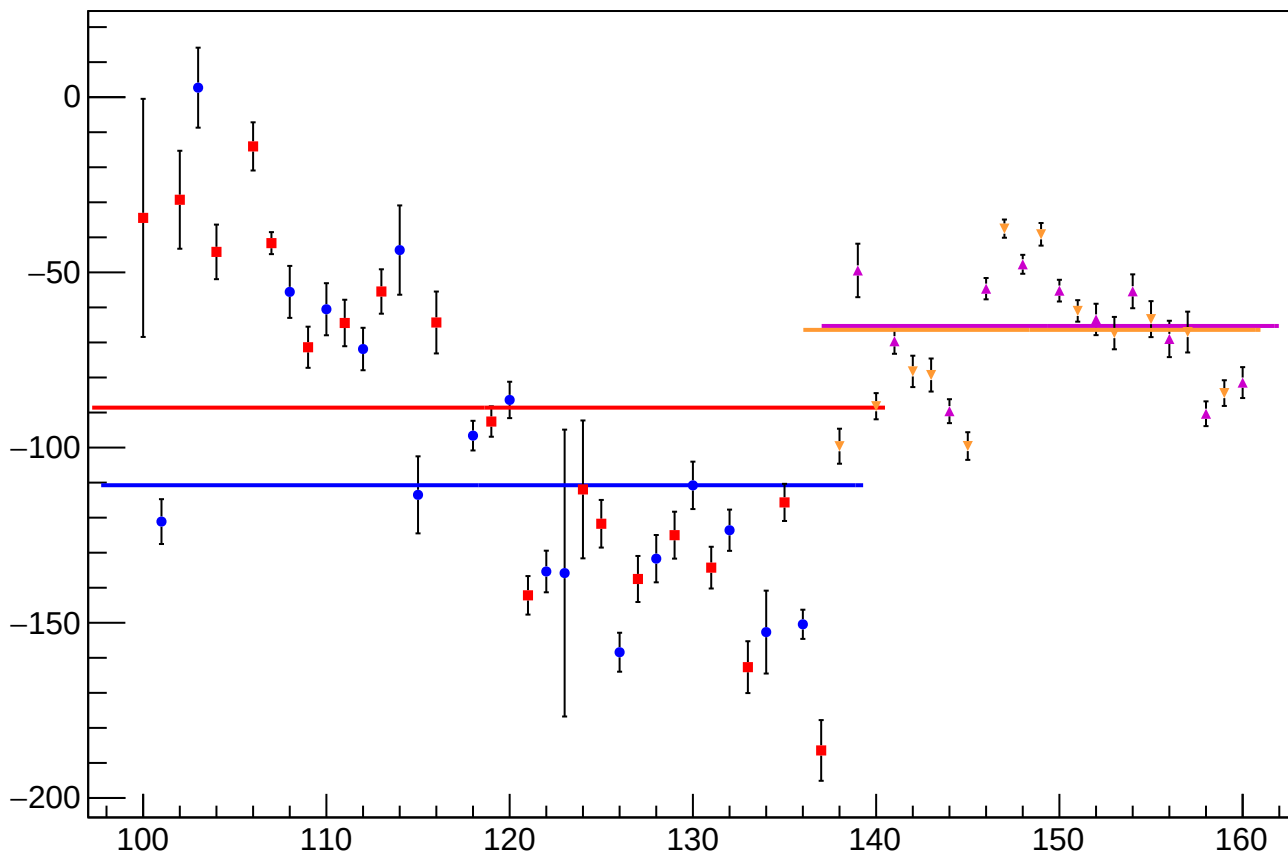
Left In: -248.215 $\pm$ 1.361 χ^2 /NDF: 100.8/10

+ sign -266.591 $\pm$ 1.204 χ^2 /NDF: 2098.1/28

All: -260.792 $\pm$ 0.841 χ^2 /NDF: 5712.3/58

- sign -255.273 $\pm$ 1.175 χ^2 /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: -66.409 ± 1.111 χ^2/NDF : 386.0/11

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

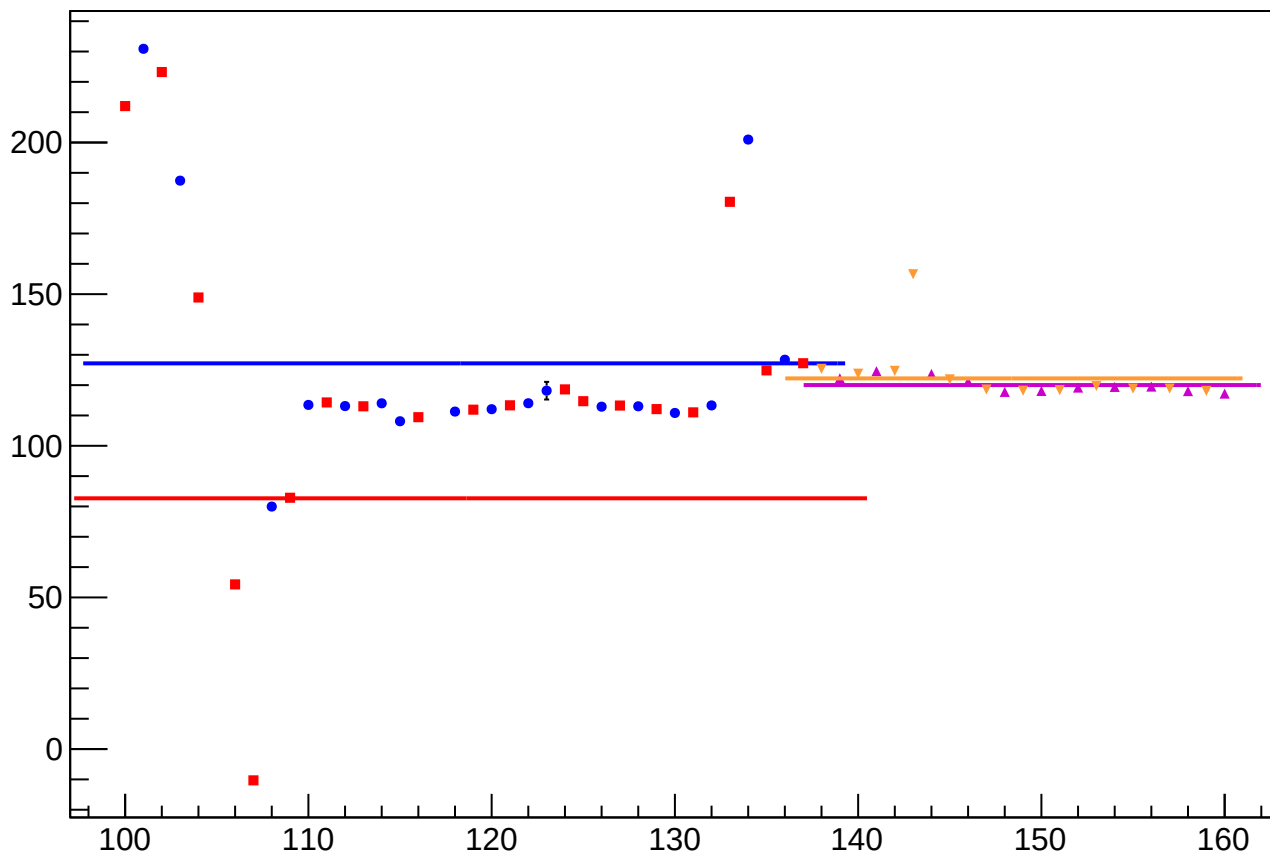
Left In: -65.292 ± 1.124 χ^2/NDF : 190.3/10

+ sign -81.113 ± 0.909 χ^2/NDF : 1427.3/28

All: -77.544 ± 0.634 χ^2/NDF : 2780.9/58

- 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: 122.220 $\pm$ 0.055 χ^2 /NDF: 22876.9/11

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

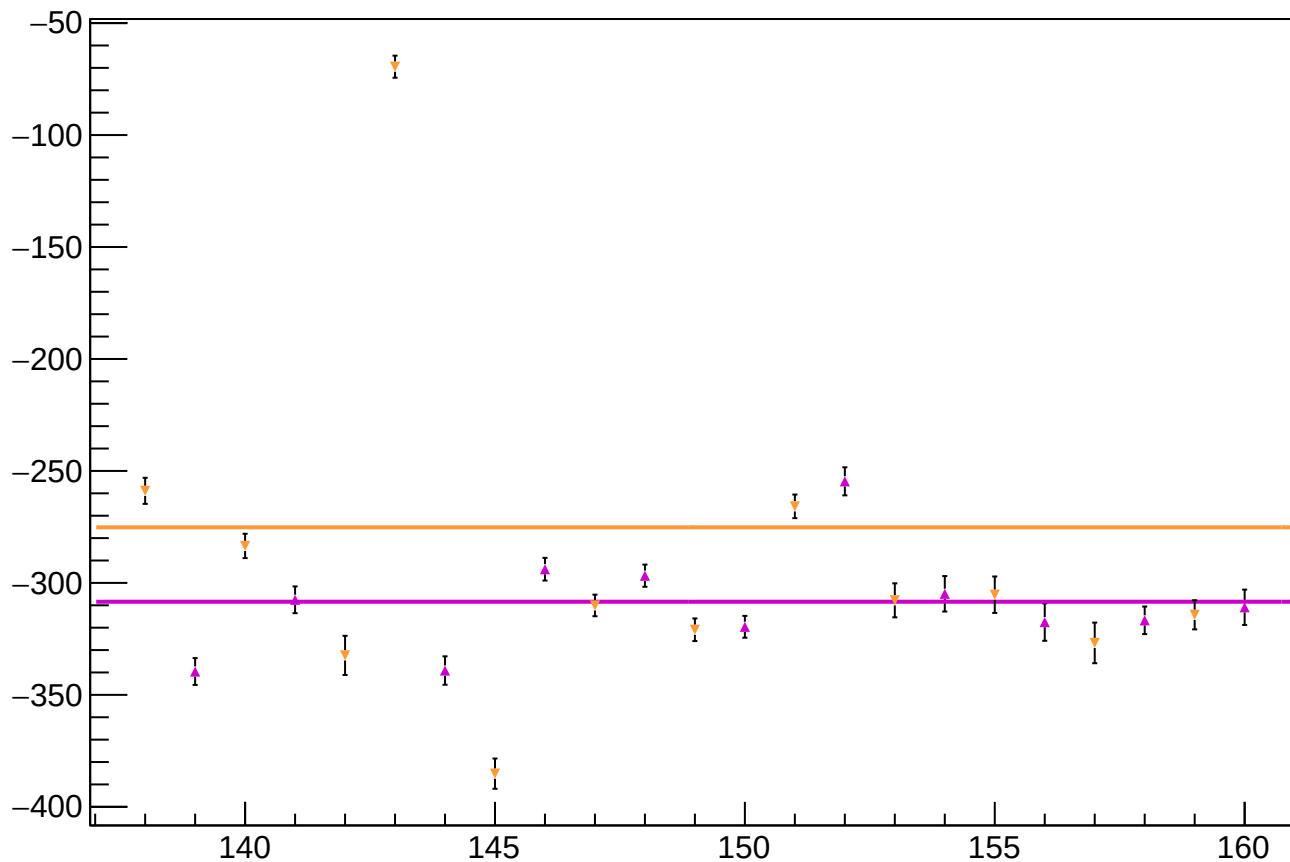
Left In: 120.027 $\pm$ 0.054 χ^2 /NDF: 1965.1/10

+ sign 123.591 $\pm$ 0.047 χ^2 /NDF: 213172.8/28

All: 114.941 $\pm$ 0.032 χ^2 /NDF: 1207368.7/58

- 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: -275.175+/-1.751 χ^2/NDF : 2301.2/11

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

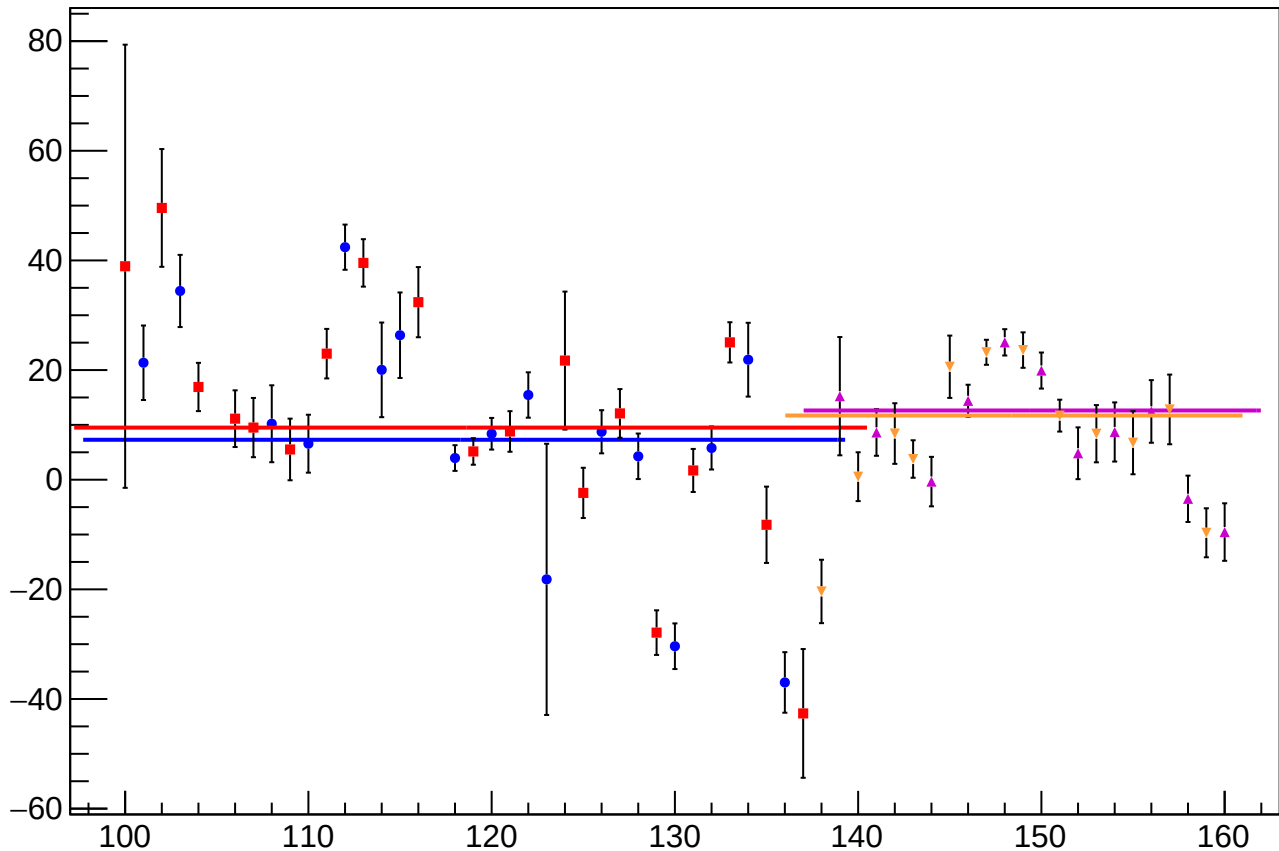
Left In: -308.411+/-1.823 χ^2/NDF : 146.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -291.123+/-1.263 χ^2/NDF : 2620.6/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284 ± 1.084 χ^2/NDF : 261.0/16

Left Out: 11.710 ± 1.135 χ^2/NDF : 108.5/11

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

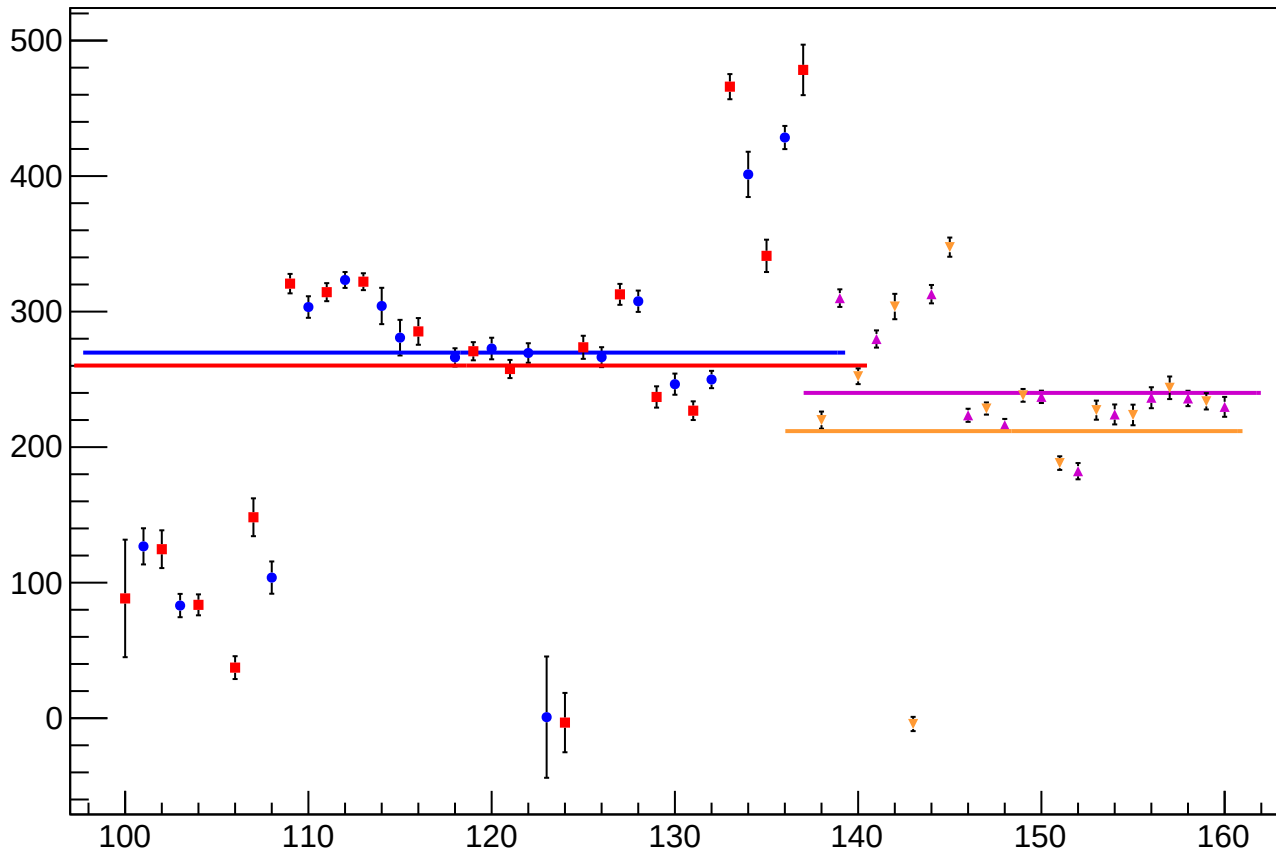
Left In: 12.628 ± 1.198 χ^2/NDF : 76.9/10

+ sign 9.395 ± 0.784 χ^2/NDF : 377.5/28

All: 10.131 ± 0.560 χ^2/NDF : 691.5/58

- sign 10.897 ± 0.800 χ^2/NDF : 312.2/29

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 +/- 2.071 χ^2/NDF : 1374.1/16

Left Out: 211.820 +/- 1.726 χ^2/NDF : 2307.1/11

Right Out: 260.206 +/- 1.978 χ^2/NDF : 2541.6/18

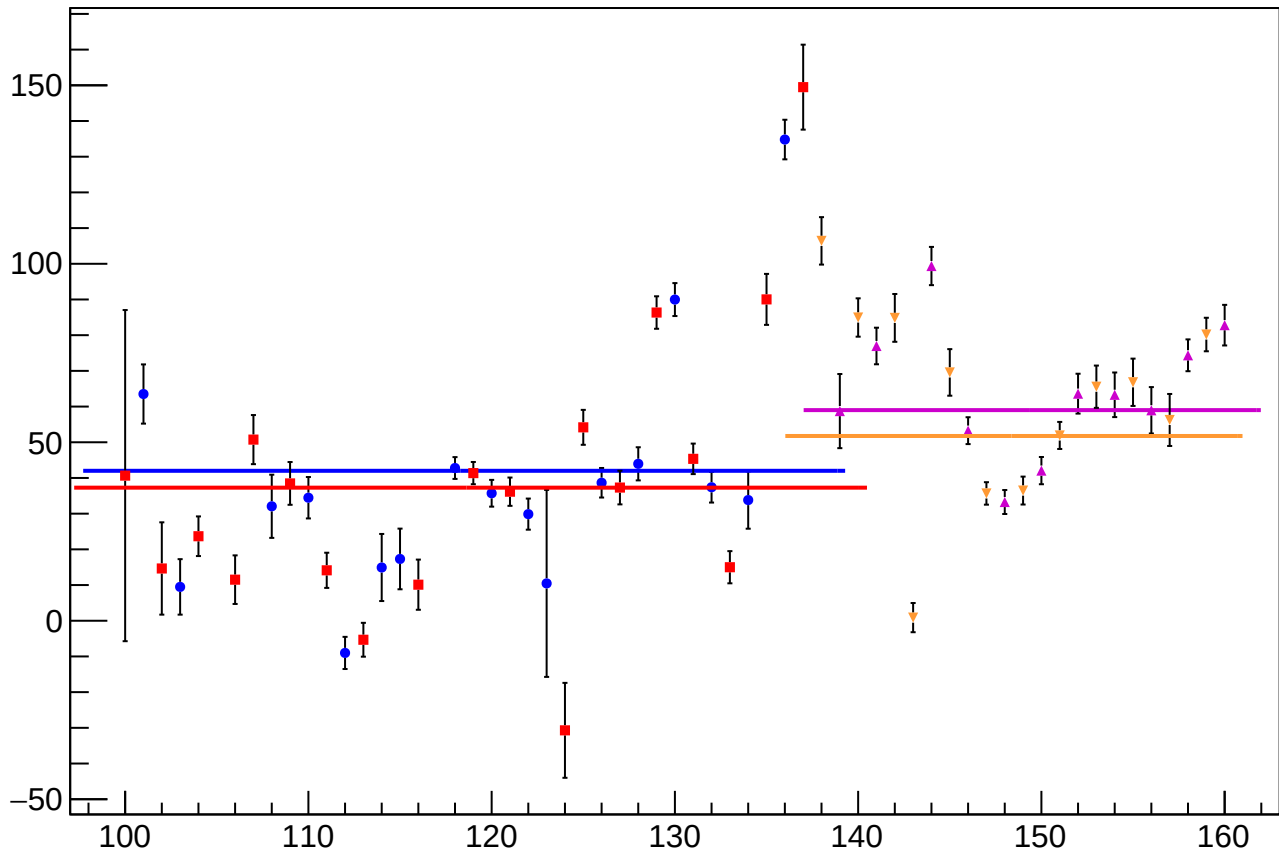
Left In: 240.019 +/- 1.768 χ^2/NDF : 409.1/10

+ sign 235.558 +/- 1.326 χ^2/NDF : 4142.8/28

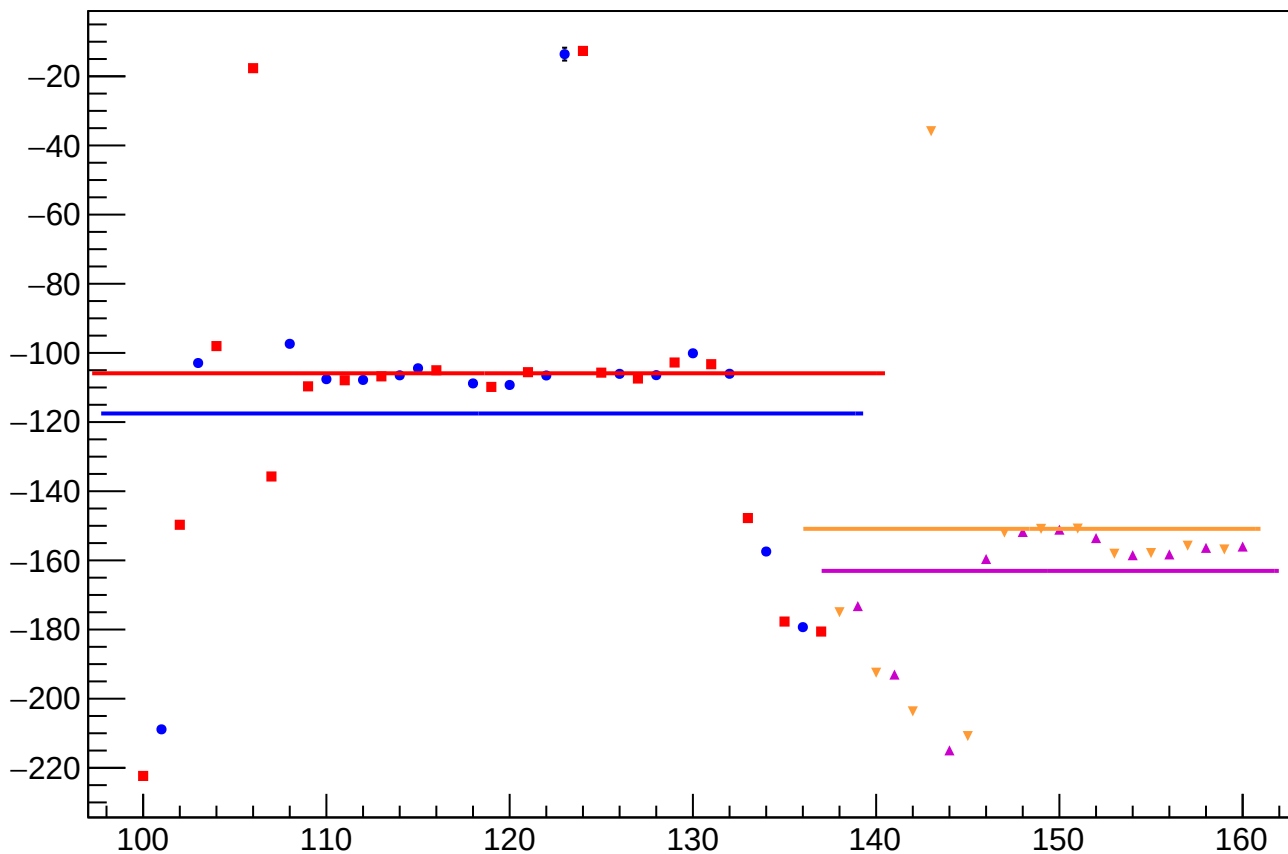
All: 242.311 +/- 0.935 χ^2/NDF : 7203.0/58

- sign 248.985 +/- 1.318 χ^2/NDF : 3008.6/29

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516 ± 0.078 $\chi^2/\text{NDF}: 142016.6/16$

Left Out: -150.875 ± 0.070 $\chi^2/\text{NDF}: 403223.4/11$

Right Out: -105.892 ± 0.073 $\chi^2/\text{NDF}: 324304.4/18$

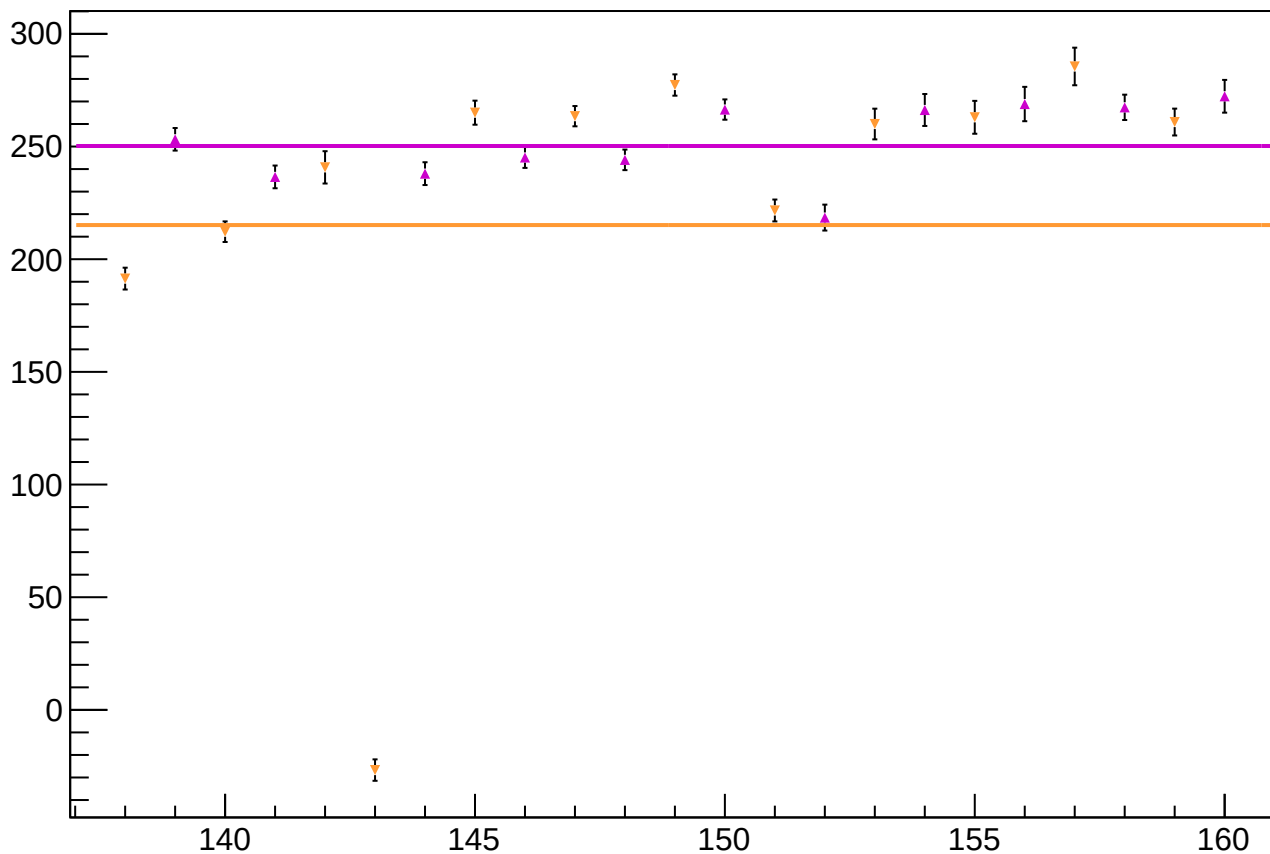
Left In: -163.039 ± 0.070 $\chi^2/\text{NDF}: 57330.1/10$

+ sign -136.036 ± 0.052 $\chi^2/\text{NDF}: 646784.4/28$

All: -135.768 ± 0.036 $\chi^2/\text{NDF}: 1347885.2/58$

- 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: 215.155+/-1.564 χ^2/NDF : 3218.5/11

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

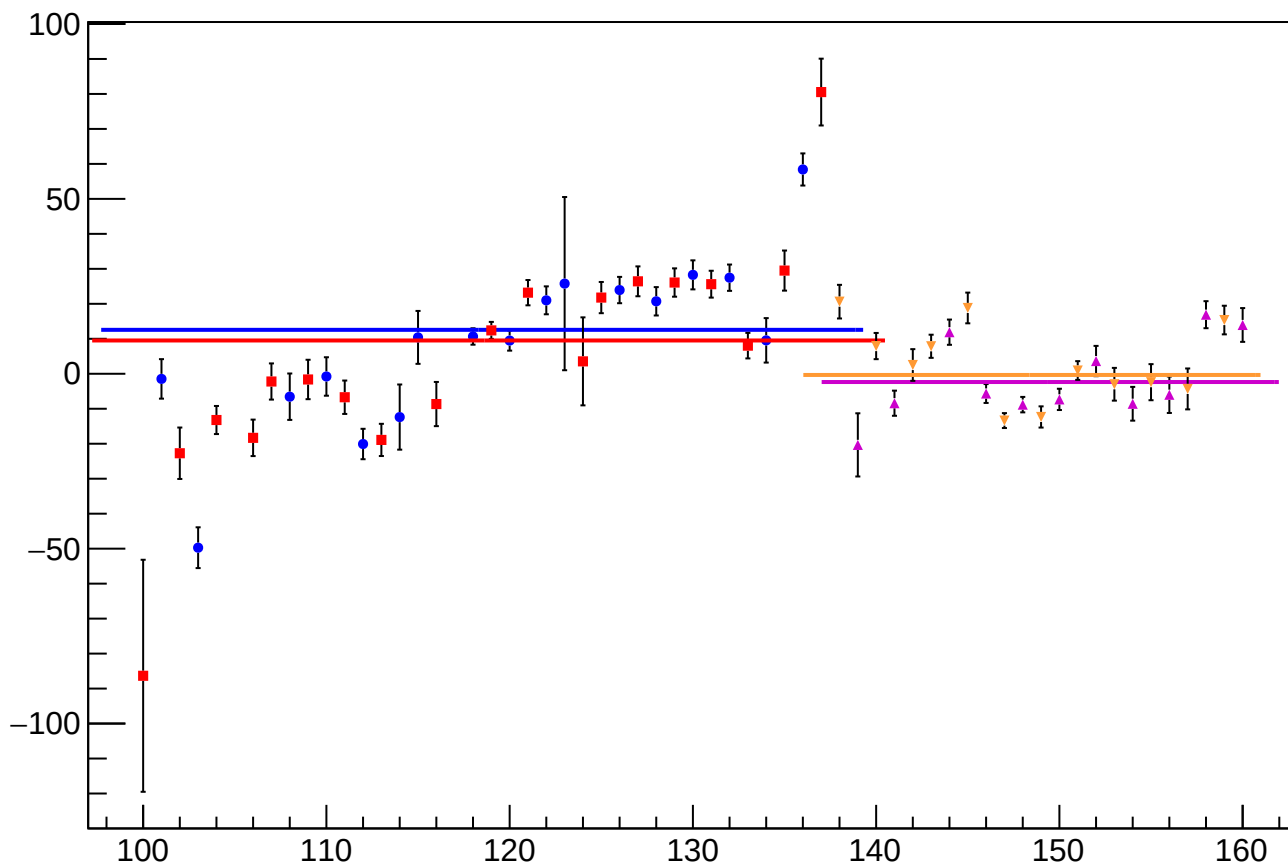
Left In: 250.241+/-1.622 χ^2/NDF : 89.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 232.066+/-1.126 χ^2/NDF : 3550.7/22

- 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: -0.339 ± 1.028 χ^2/NDF : 118.4/11

Right Out: 9.519 ± 1.051 χ^2/NDF : 296.2/18

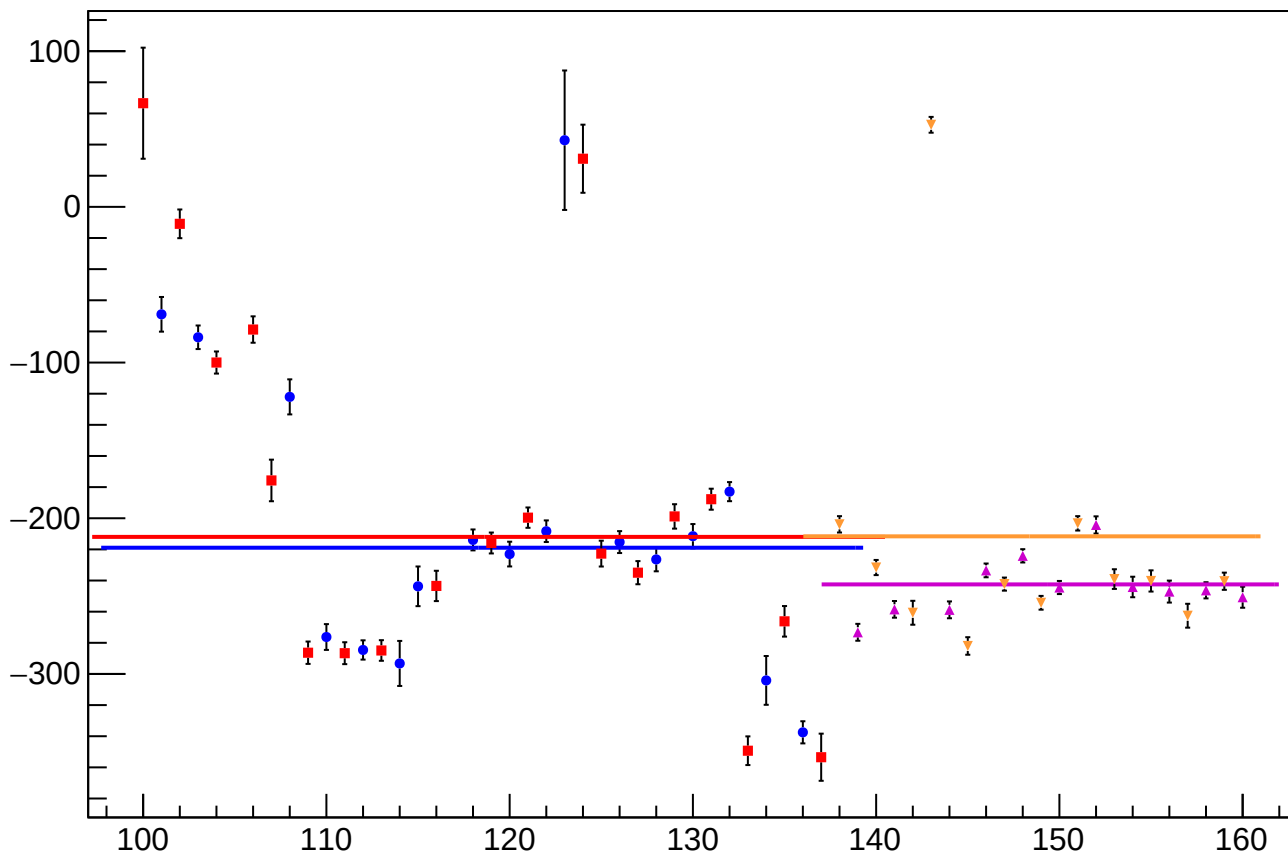
Left In: -2.359 ± 1.078 χ^2/NDF : 75.4/10

+ sign 5.937 ± 0.736 χ^2/NDF : 542.8/28

All: 4.861 ± 0.526 χ^2/NDF : 981.1/58

- 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 χ^2/NDF : 1146.6/16

Left Out: -211.618 ± 1.549 χ^2/NDF : 3186.0/11

Right Out: -211.968 ± 1.924 χ^2/NDF : 1886.2/18

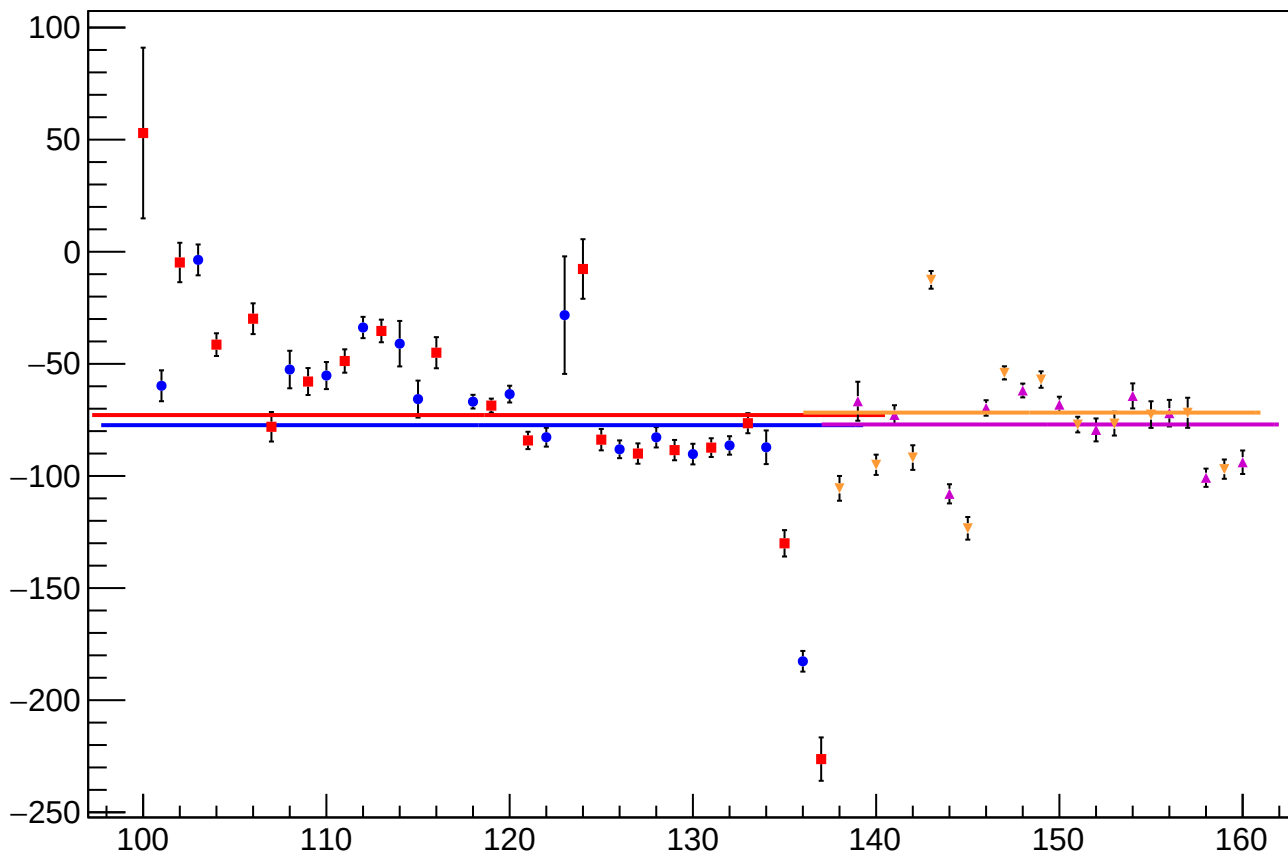
Left In: -242.486 ± 1.581 χ^2/NDF : 123.6/10

+ sign -214.348 ± 1.226 χ^2/NDF : 4341.0/28

All: -222.300 ± 0.865 χ^2/NDF : 6584.8/58

- sign -230.191 ± 1.221 χ^2/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: -71.738 ± 1.259 χ^2/NDF : 496.3/11

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

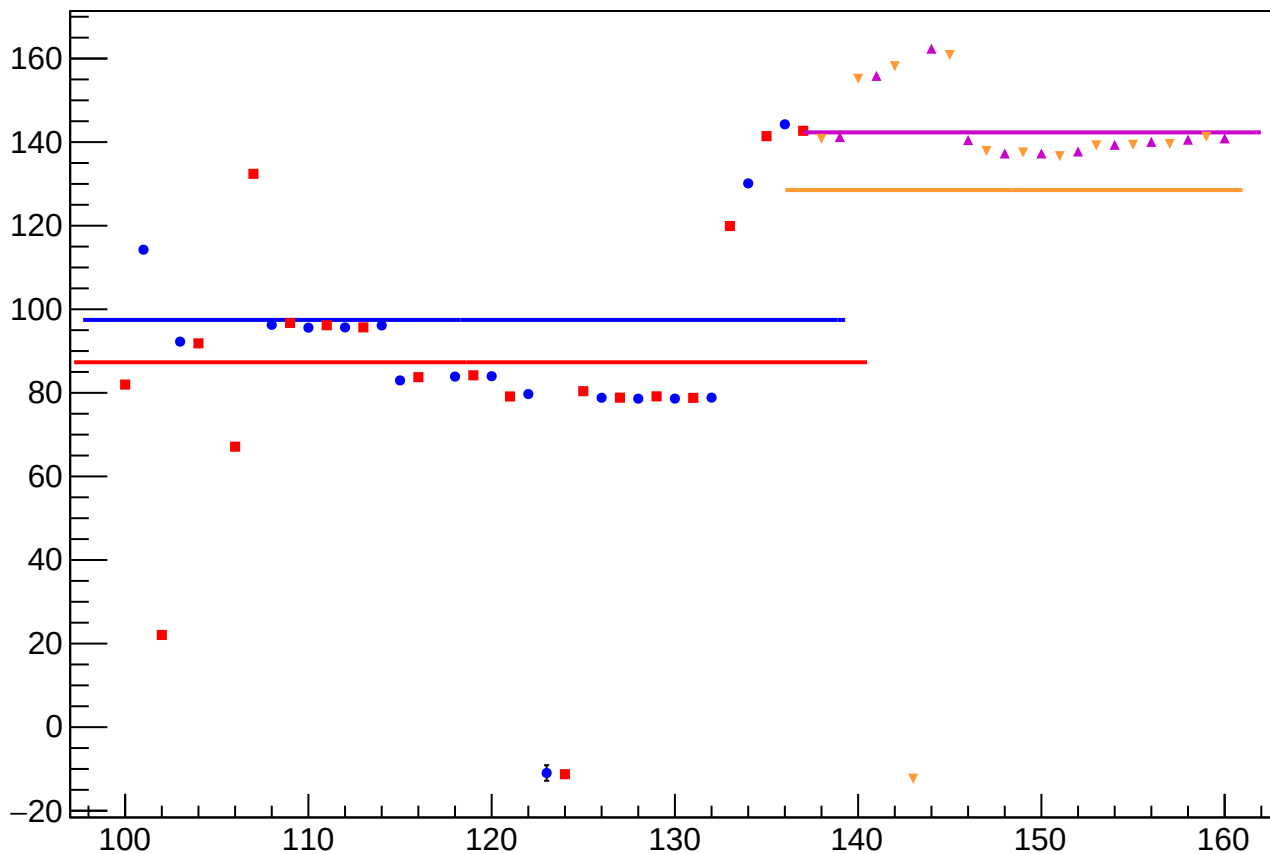
Left In: -77.028 ± 1.307 χ^2/NDF : 140.1/10

+ sign -74.630 ± 0.876 χ^2/NDF : 1323.7/28

All: -74.698 ± 0.623 χ^2/NDF : 2142.3/58

- sign -74.768 ± 0.887 χ^2/NDF : 818.5/29

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 ± 0.073 $\chi^2/\text{NDF}: 94476.4/16$

Left Out: 128.524 ± 0.063 $\chi^2/\text{NDF}: 547016.2/11$

Right Out: 87.315 ± 0.068 $\chi^2/\text{NDF}: 221837.7/18$

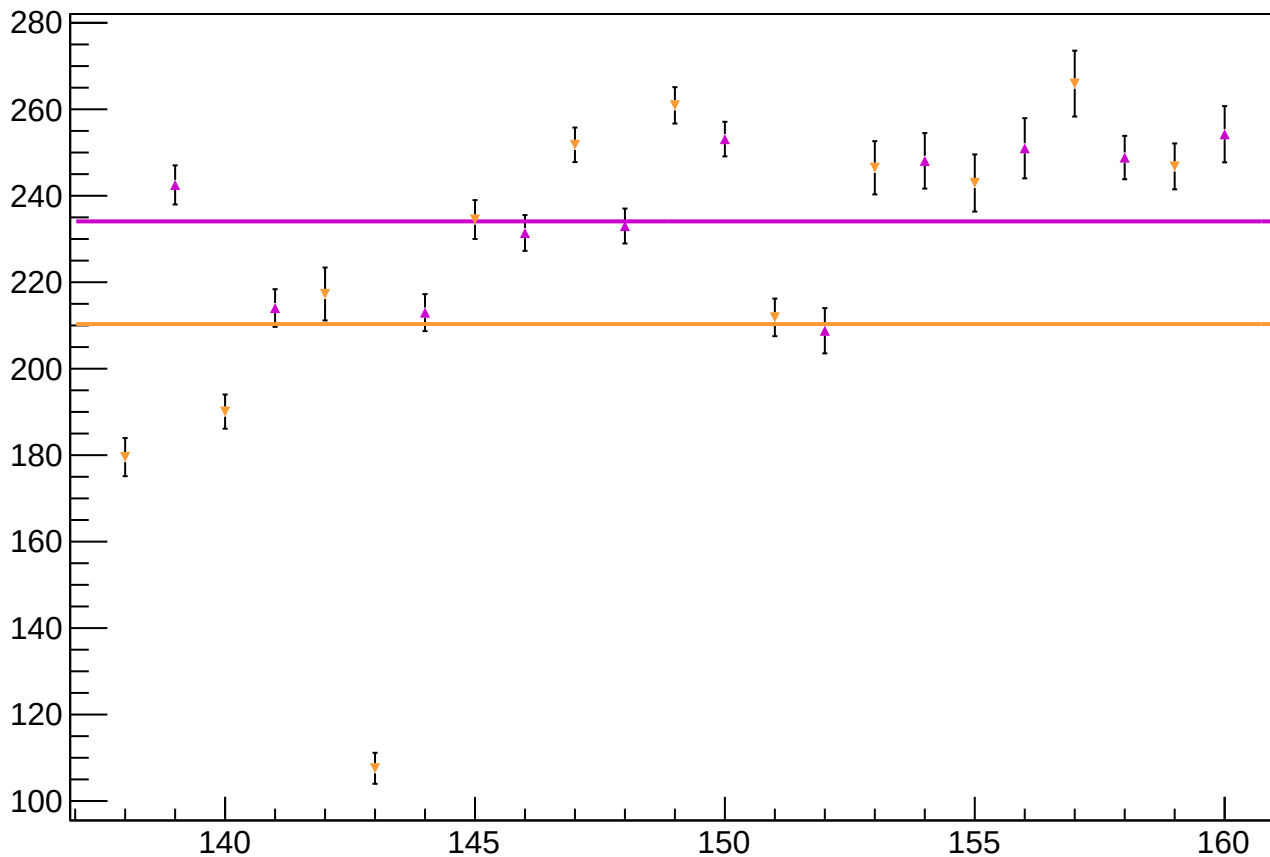
Left In: 142.328 ± 0.063 $\chi^2/\text{NDF}: 13537.9/10$

+ sign 115.423 ± 0.048 $\chi^2/\text{NDF}: 745518.6/28$

All: 116.309 ± 0.033 $\chi^2/\text{NDF}: 1333959.1/58$

- sign 117.144 ± 0.046 $\chi^2/\text{NDF}: 587765.9/29$

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: 210.319+/-1.357 χ^2/NDF :1338.0/11

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

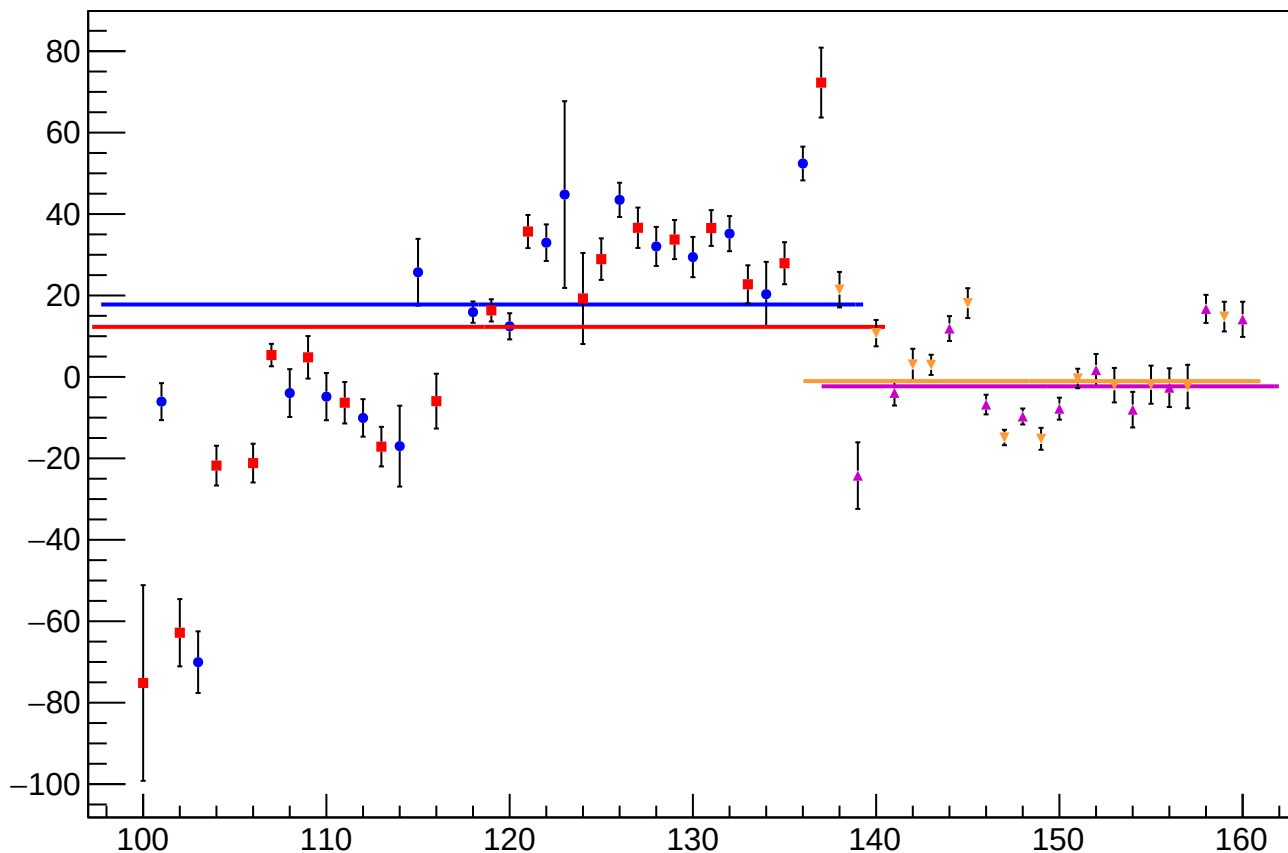
Left In: 234.075+/-1.439 χ^2/NDF :124.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.501+/-0.987 χ^2/NDF : 1606.6/22

- 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: -1.021 $\pm$ 0.893 χ^2 /NDF: 171.1/11

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

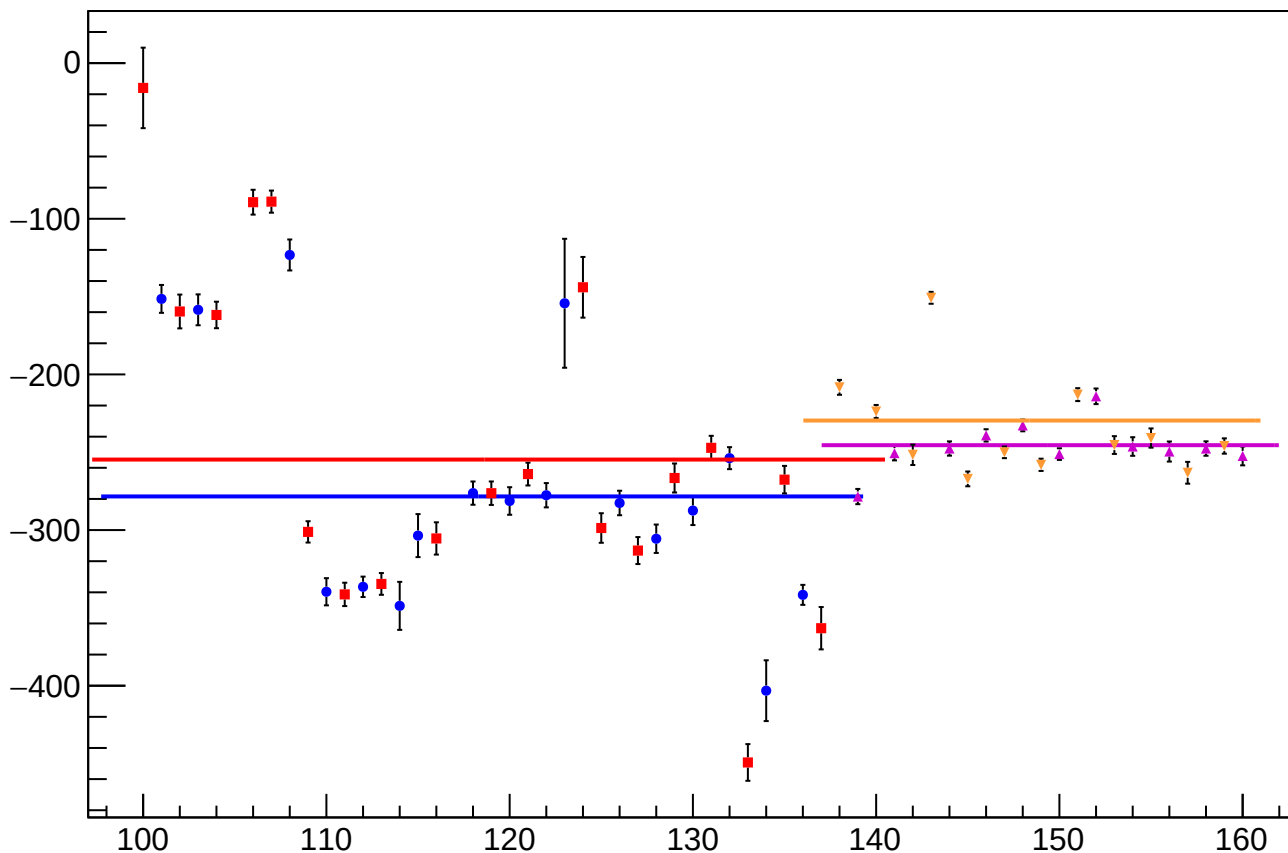
Left In: -2.308 $\pm$ 0.956 χ^2 /NDF: 98.7/10

+ sign 6.078 $\pm$ 0.704 χ^2 /NDF: 733.7/28

All: 5.090 $\pm$ 0.503 χ^2 /NDF: 1382.1/58

- 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: -229.626 $\pm$ 1.350 χ^2/NDF : 663.0/11

Right Out: -254.703 $\pm$ 2.020 χ^2/NDF : 2038.5/18

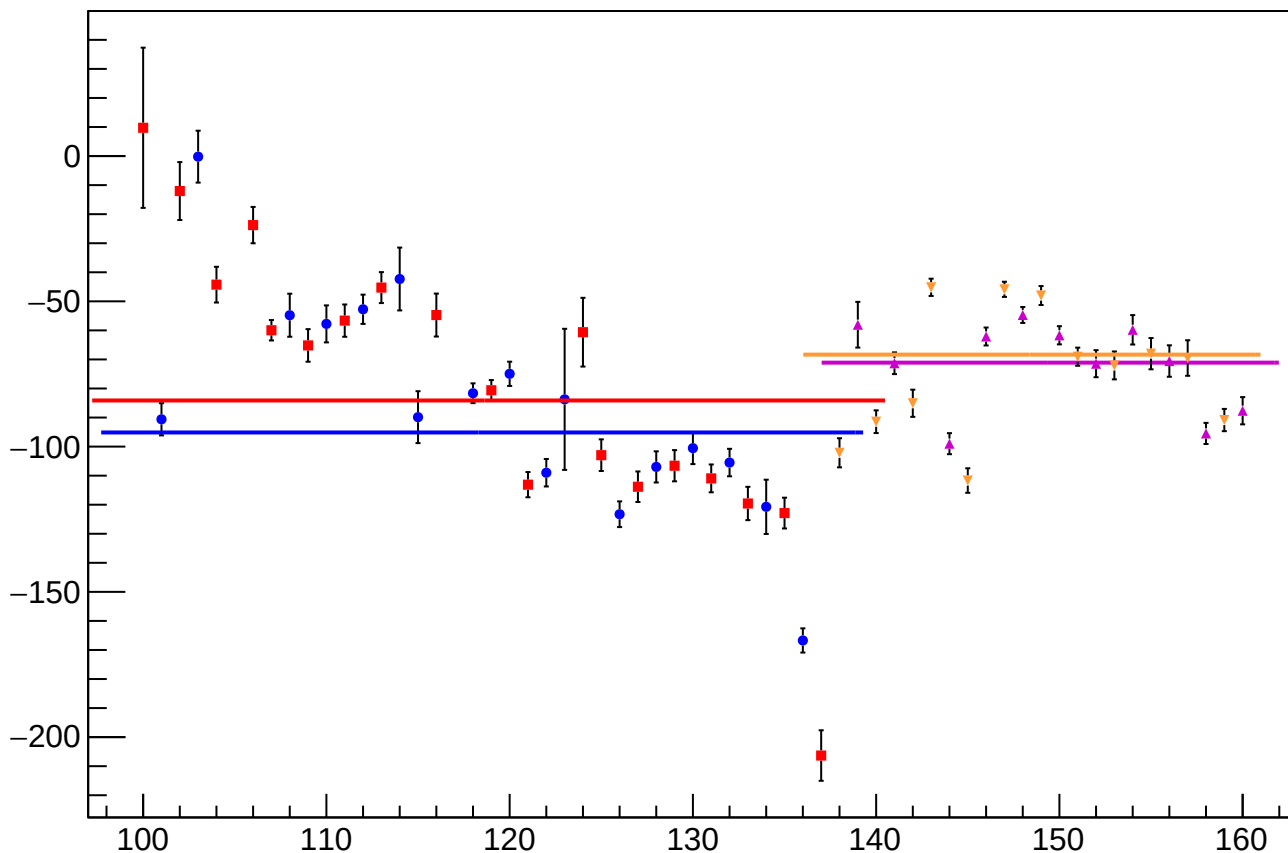
Left In: -245.465 $\pm$ 1.405 χ^2/NDF : 104.1/10

+ sign -243.251 $\pm$ 1.146 χ^2/NDF : 1938.3/28

All: -245.846 $\pm$ 0.813 χ^2/NDF : 4105.3/58

- 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: -68.340 ± 1.093 χ^2/NDF : 407.7/11

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

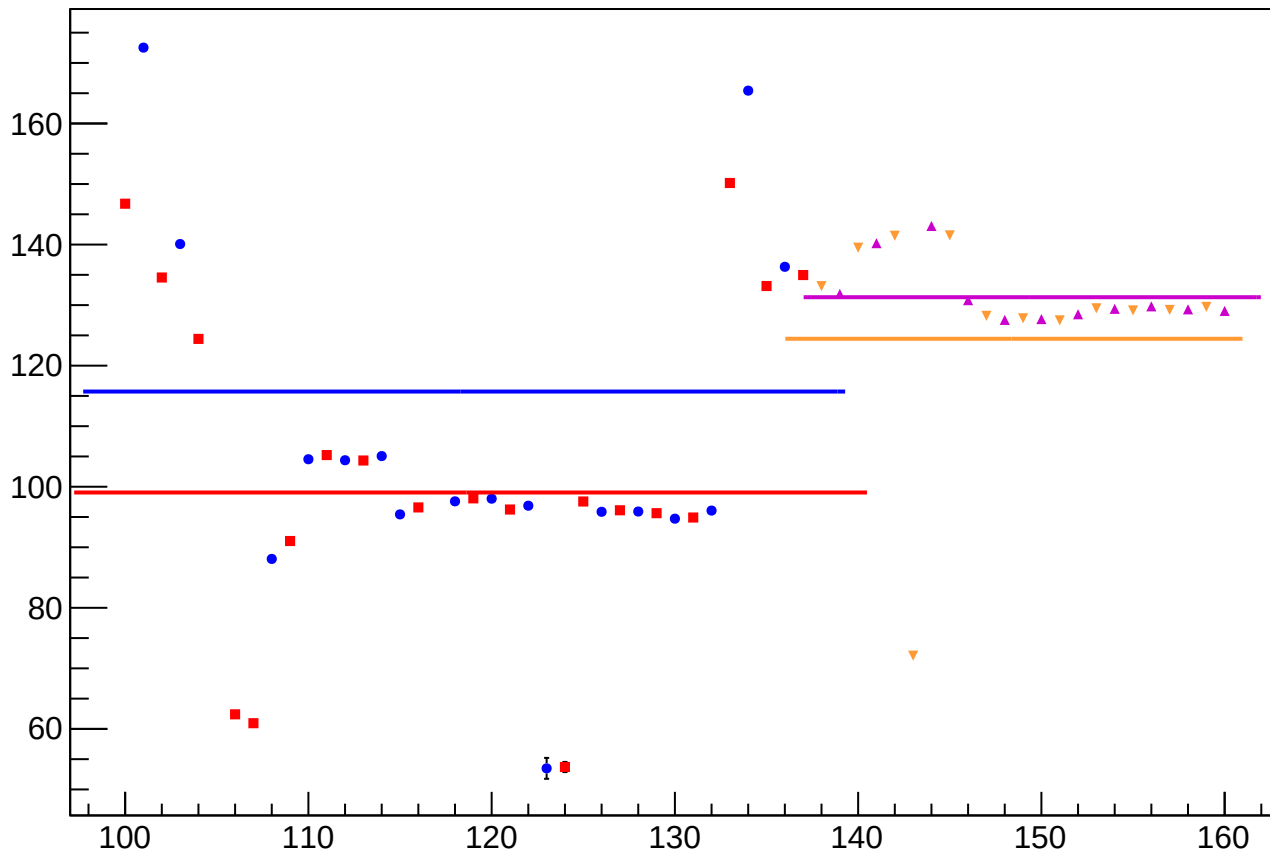
Left In: -71.100 ± 1.159 χ^2/NDF : 178.0/10

+ sign -79.217 ± 0.843 χ^2/NDF : 1326.5/28

All: -78.158 ± 0.599 χ^2/NDF : 2348.5/58

- 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: 124.440 $\pm$ 0.055 χ^2/NDF : 141235.1/11

Right Out: 99.049 $\pm$ 0.069 χ^2/NDF : 173463.3/18

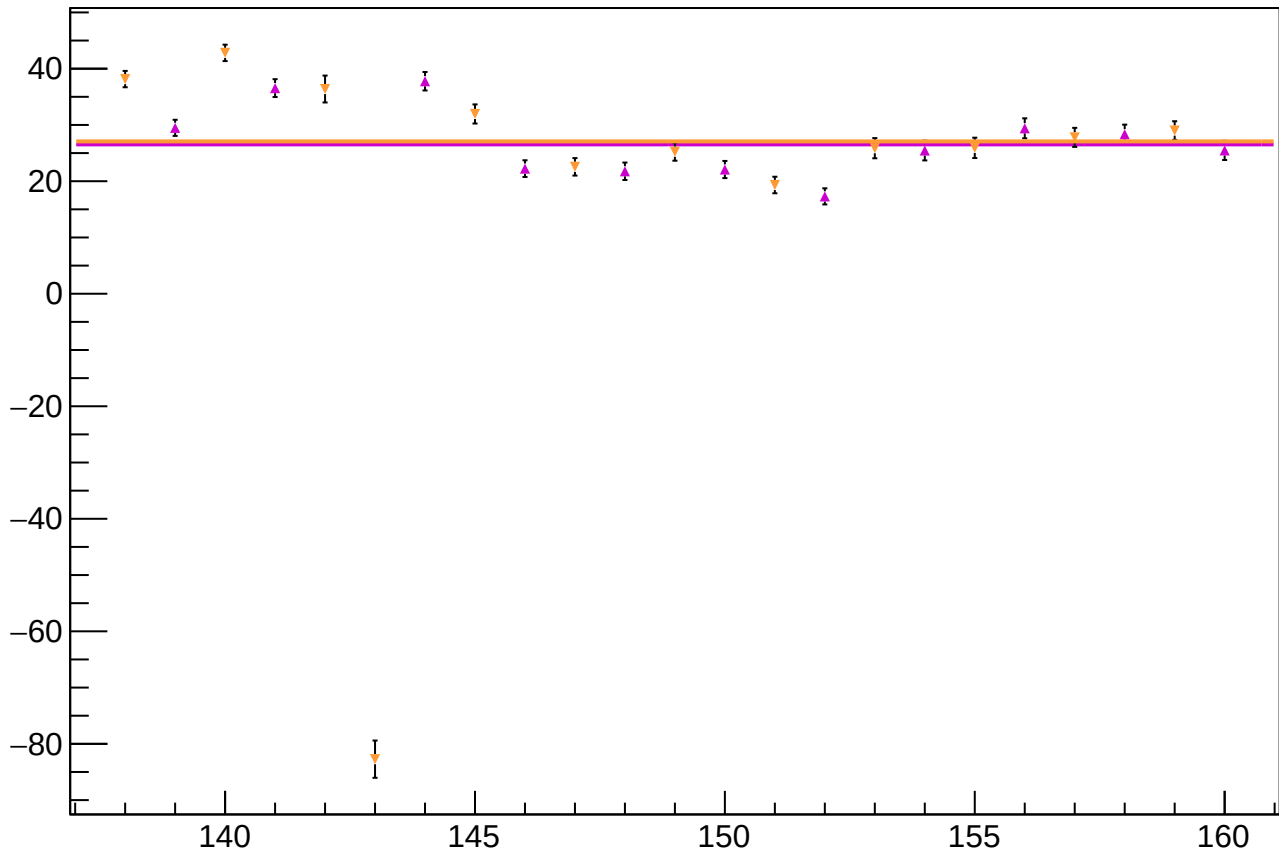
Left In: 131.305 $\pm$ 0.056 χ^2/NDF : 7384.0/10

+ sign 121.574 $\pm$ 0.045 χ^2/NDF : 256008.8/28

All: 119.949 $\pm$ 0.031 χ^2/NDF : 572609.4/58

- 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±/0.000 χ^2/NDF : 0.0/0

Left Out: 27.076±/0.491 χ^2/NDF :1337.9/11

Right Out: 0.000±/0.000 χ^2/NDF : 0.0/0

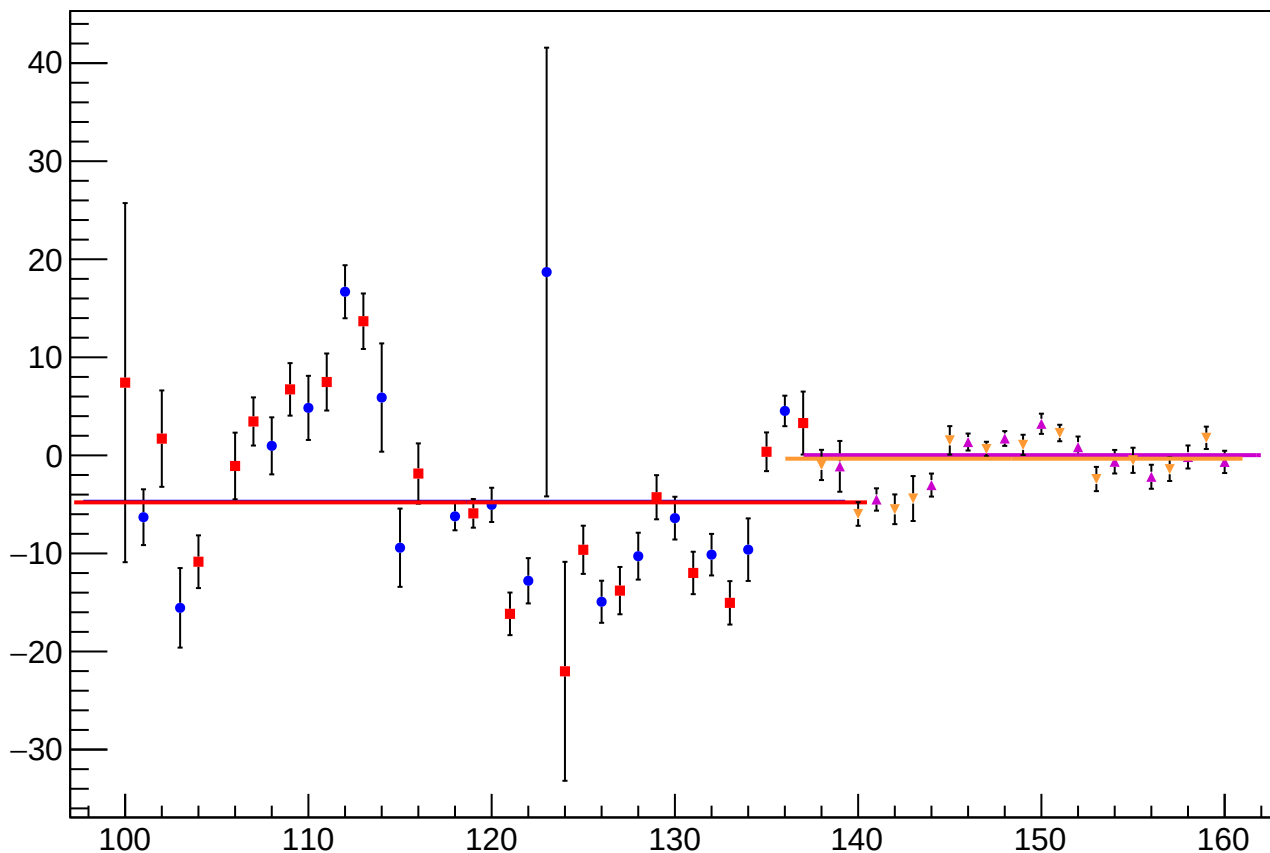
Left In: 26.550±/0.478 χ^2/NDF :163.0/10

+ sign 0.000±/0.000 χ^2/NDF : 0.0/0

All: 26.806±/0.342 χ^2/NDF : 1501.5/22

- sign 0.000±/0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -0.339 ± 0.331 χ^2/NDF : 58.9/11

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

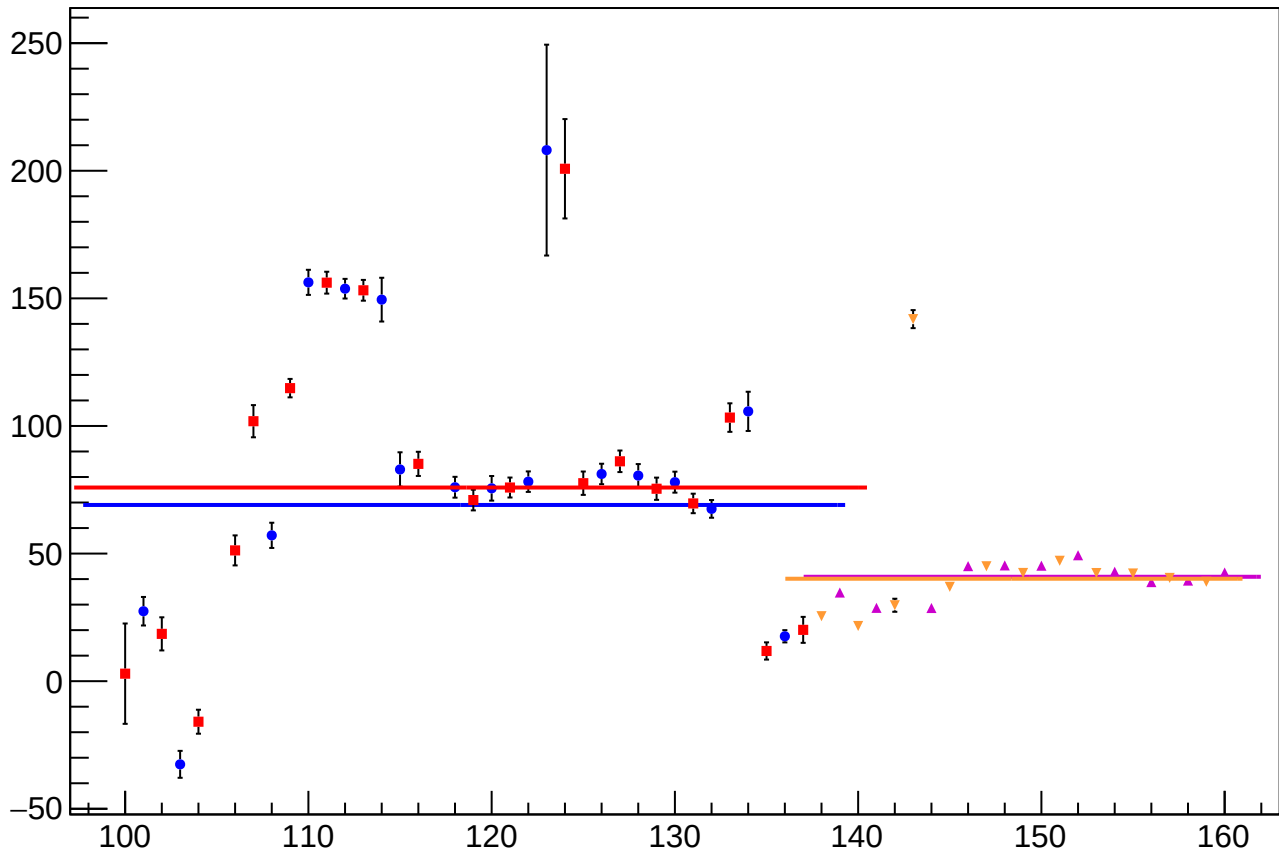
Left In: 0.023 ± 0.326 χ^2/NDF : 44.3/10

+ sign -1.419 ± 0.287 χ^2/NDF : 277.1/28

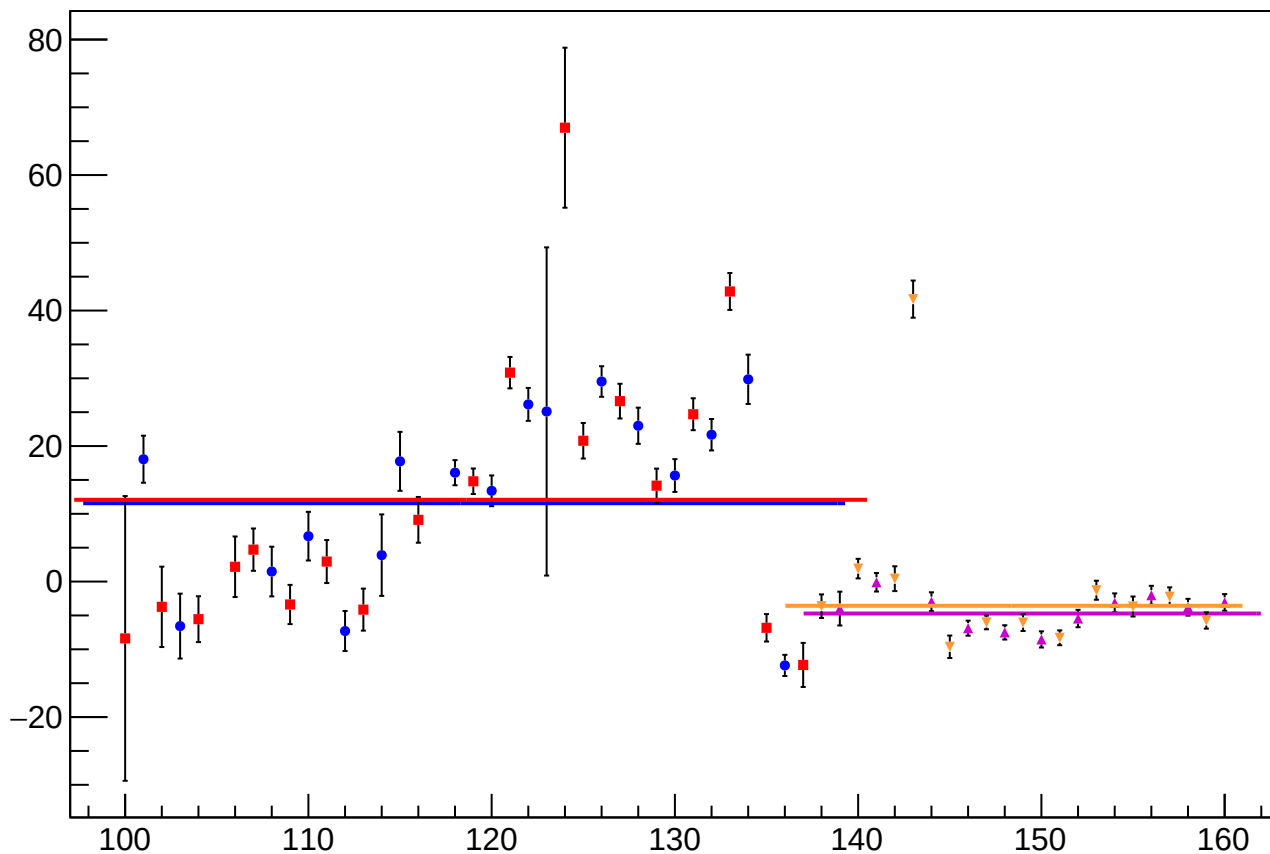
All: -1.268 ± 0.202 χ^2/NDF : 567.0/58

- sign -1.119 ± 0.285 χ^2/NDF : 289.4/29

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -3.575 $\pm$ 0.400 χ^2 /NDF: 340.2/11

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

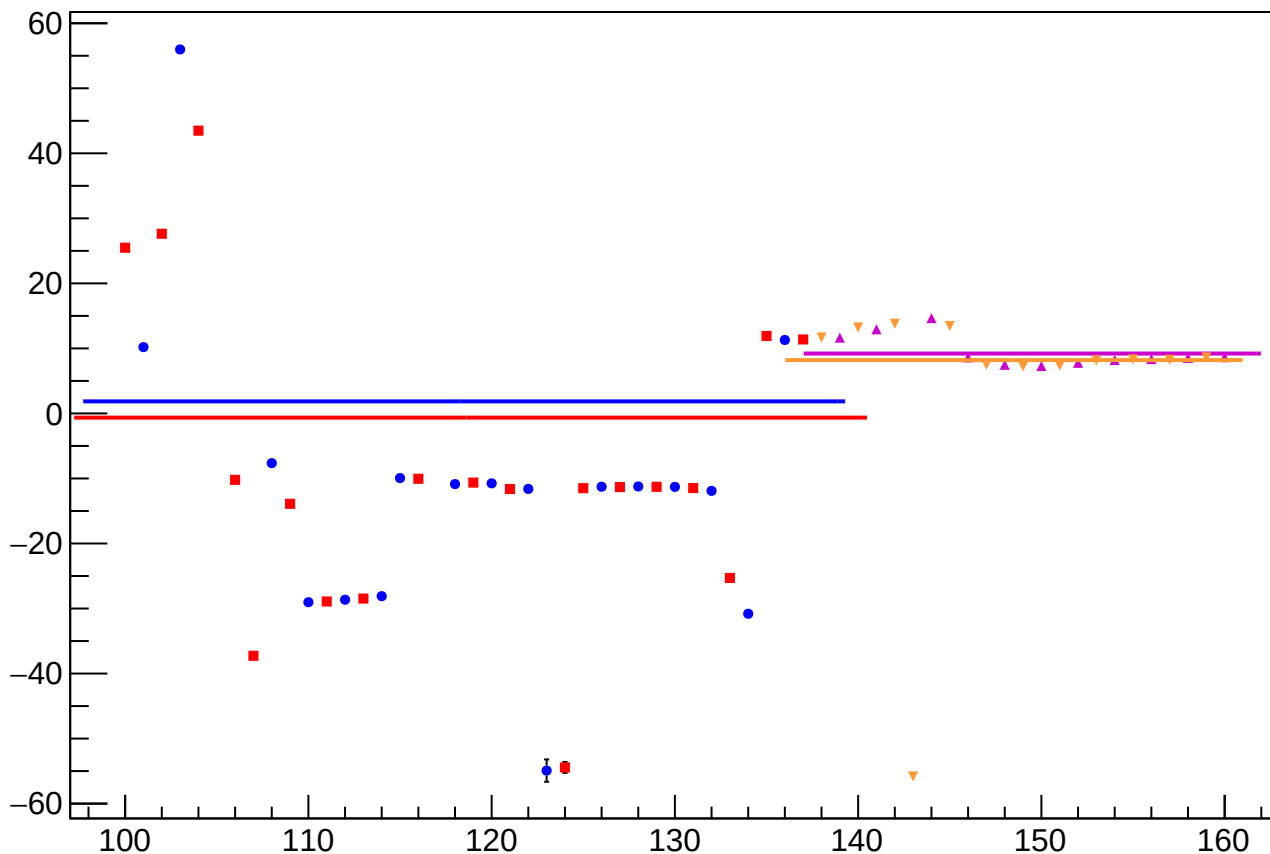
Left In: -4.716 $\pm$ 0.390 χ^2 /NDF: 41.8/10

+ sign 0.510 $\pm$ 0.342 χ^2 /NDF: 1204.7/28

All: 0.039 $\pm$ 0.240 χ^2 /NDF: 2268.2/58

- sign -0.417 $\pm$ 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: 8.202 ± 0.019 $\chi^2/\text{NDF}: 222503.9/11$

Right Out: -0.644 ± 0.037 $\chi^2/\text{NDF}: 361625.7/18$

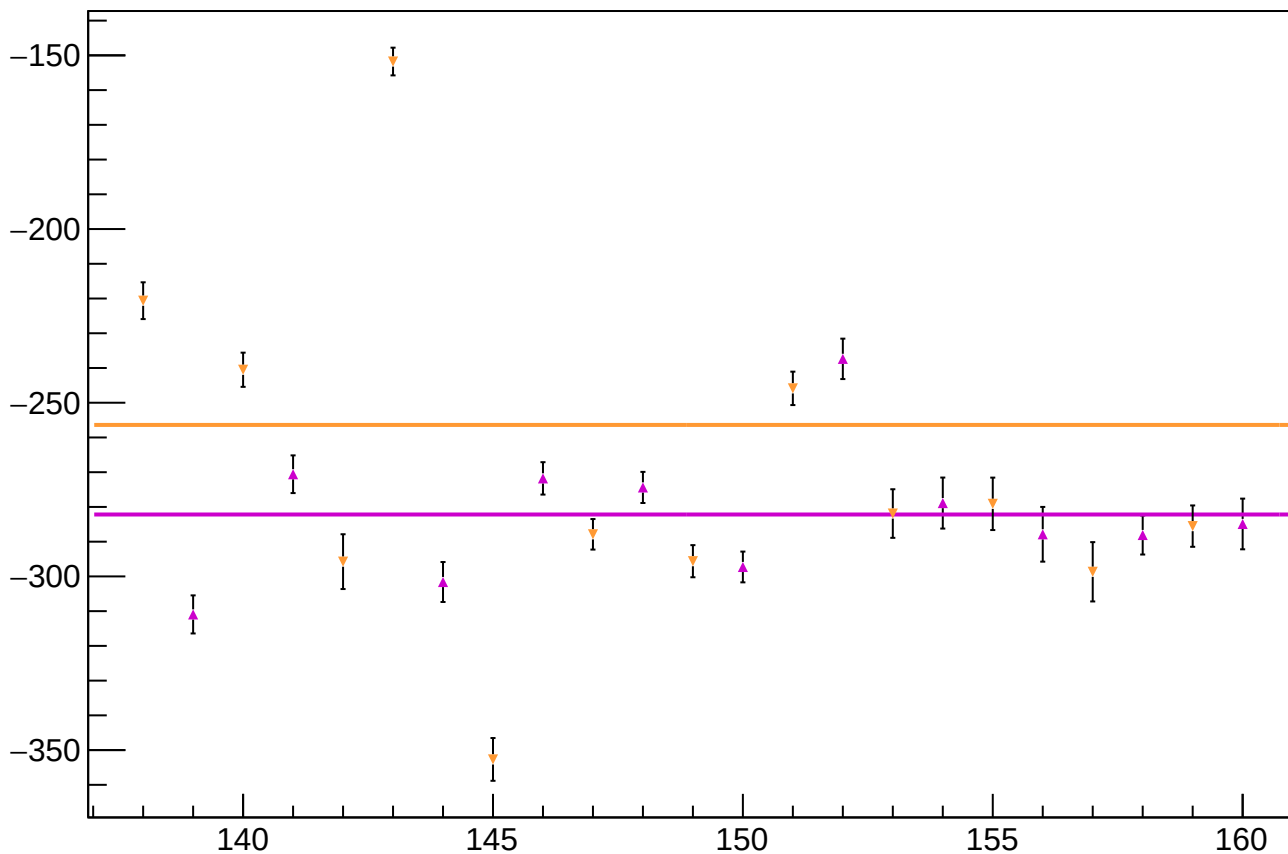
Left In: 9.211 ± 0.018 $\chi^2/\text{NDF}: 13347.5/10$

+ sign 6.900 ± 0.017 $\chi^2/\text{NDF}: 605307.6/28$

All: 7.117 ± 0.012 $\chi^2/\text{NDF}: 1037784.6/58$

- 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: -256.390+/-1.573 χ^2/NDF :1212.2/11

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

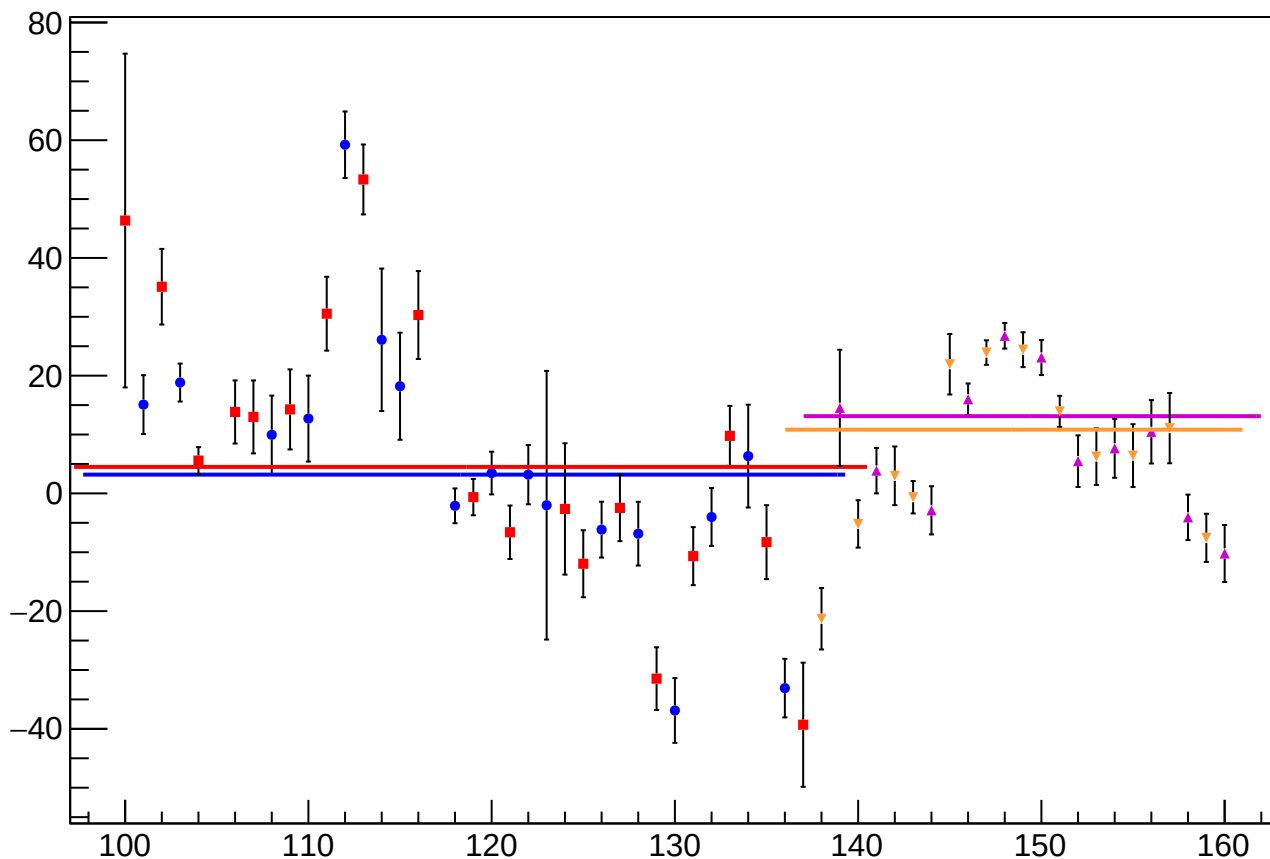
Left In: -282.177+/-1.669 χ^2/NDF :124.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -268.522+/-1.145 χ^2/NDF : 1463.1/22

- 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: 10.824 ± 1.019 χ^2/NDF : 161.9/11

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

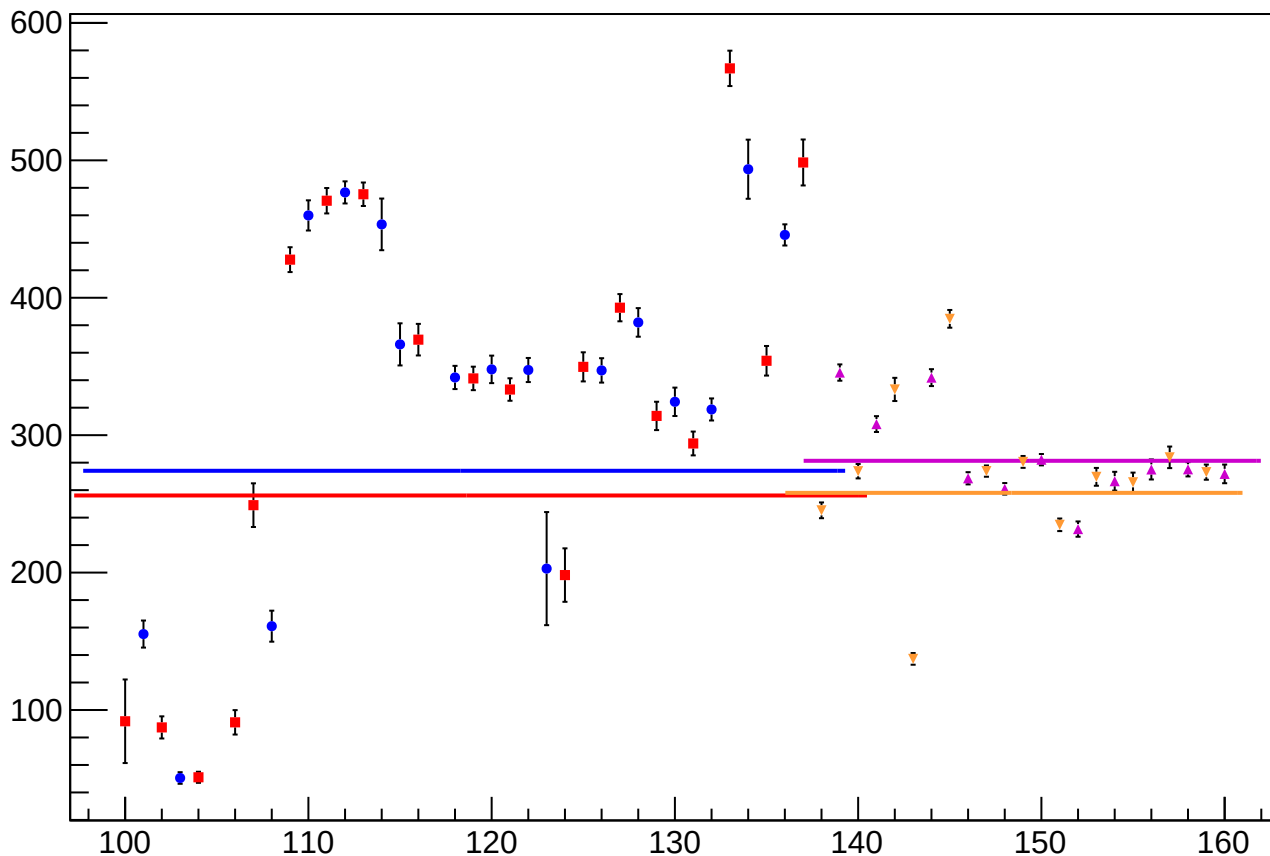
Left In: 13.117 ± 1.094 χ^2/NDF : 120.3/10

+ sign 7.700 ± 0.784 χ^2/NDF : 440.5/28

All: 8.369 ± 0.558 χ^2/NDF : 817.0/58

- 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 $\pm$ 2.191 χ^2 /NDF: 5112.0/16

Left Out: 258.022 $\pm$ 1.555 χ^2 /NDF:1373.7/11

Right Out: 256.109 $\pm$ 2.080 χ^2 /NDF: 6444.1/18

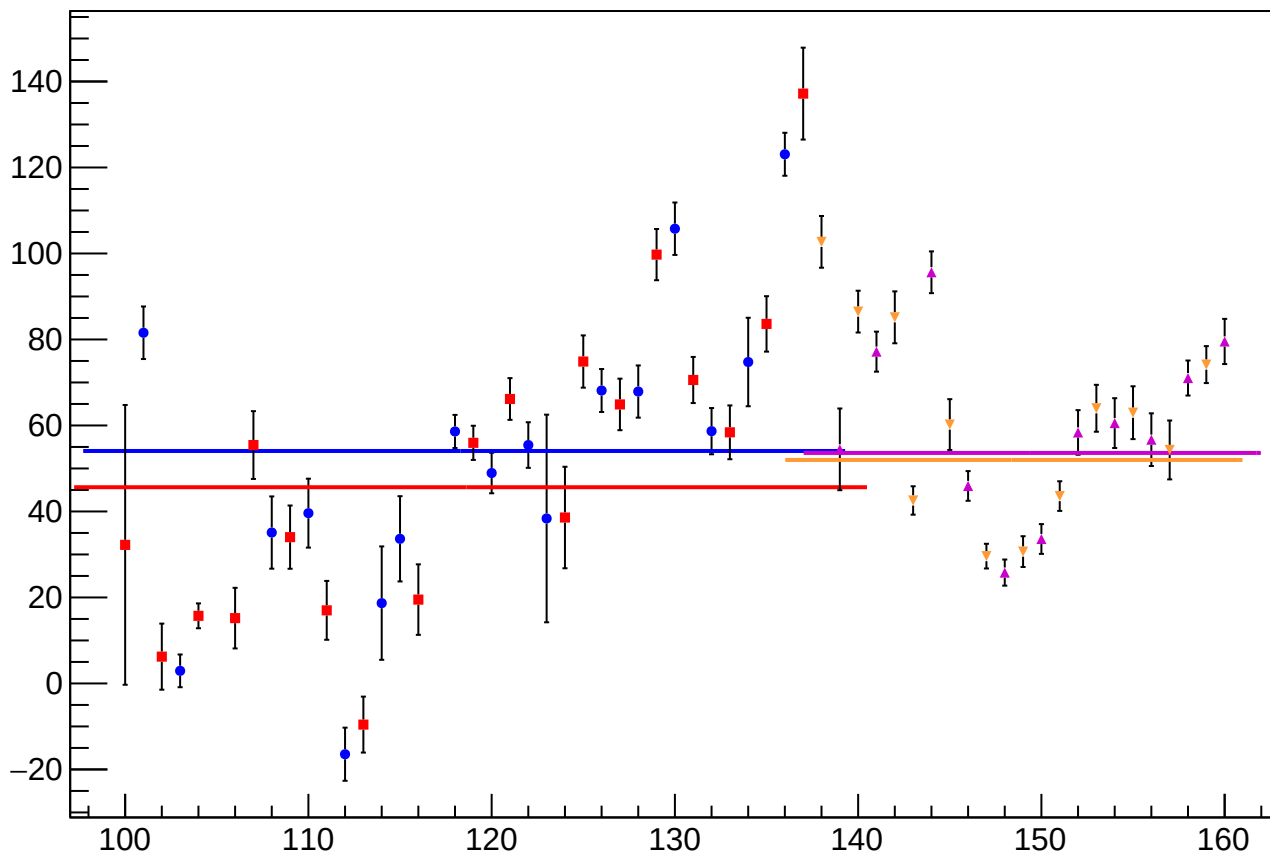
Left In: 281.348 $\pm$ 1.619 χ^2 /NDF:355.5/10

+ sign 263.402 $\pm$ 1.268 χ^2 /NDF: 6521.3/28

All: 267.584 $\pm$ 0.900 χ^2 /NDF: 13434.5/58

- sign 271.828 $\pm$ 1.278 χ^2 /NDF: 6891.2/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 51.984 $\pm$ 1.253 χ^2 /NDF:298.6/11

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

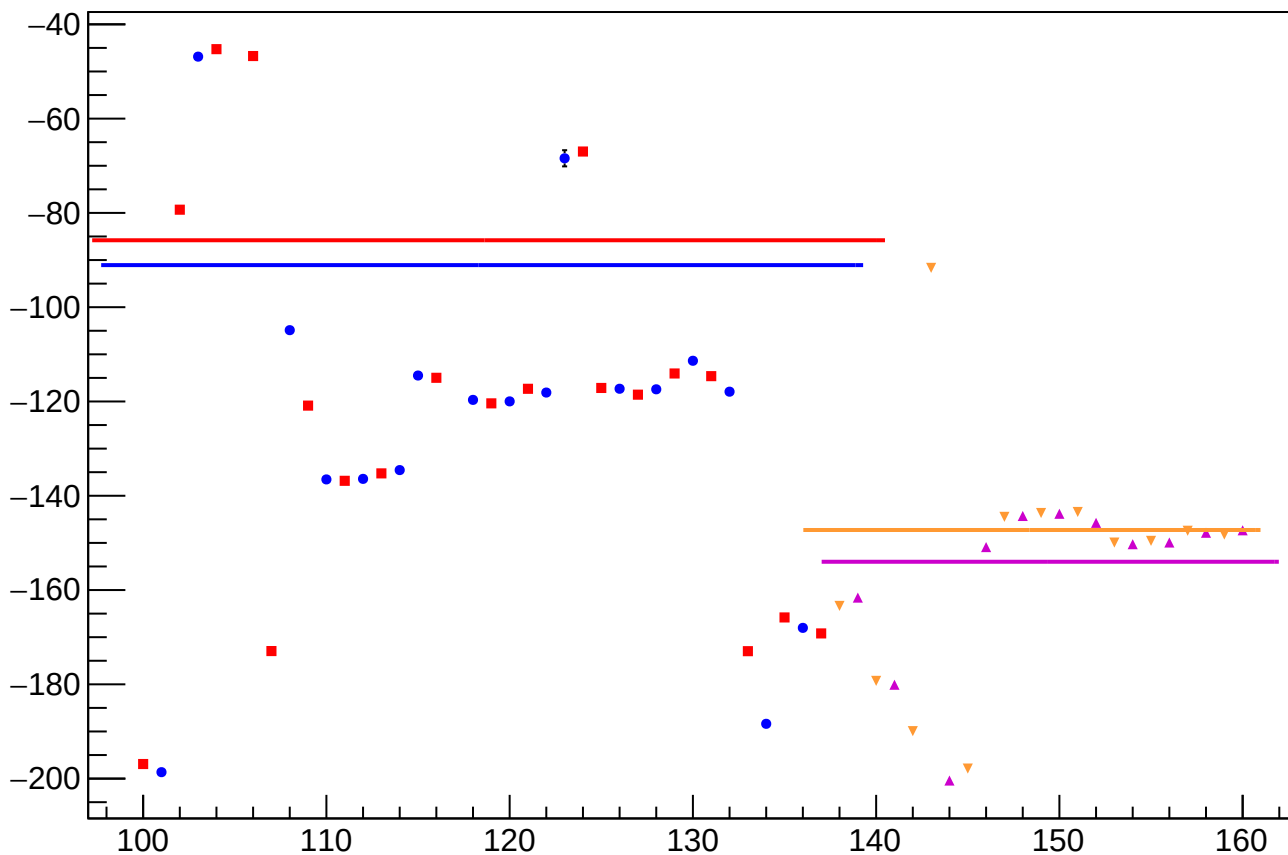
Left In: 53.612 $\pm$ 1.330 χ^2 /NDF:267.9/10

+ sign 52.895 $\pm$ 0.940 χ^2 /NDF: 934.2/28

All: 51.321 $\pm$ 0.668 χ^2 /NDF: 1756.2/58

- sign 49.711 $\pm$ 0.950 χ^2 /NDF: 816.3/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074+/-0.068 χ^2/NDF : 534647.5/16

Left Out: -147.262+/-0.063 χ^2/NDF : 186798.1/11

Right Out: -85.803+/-0.065 χ^2/NDF : 495895.1/18

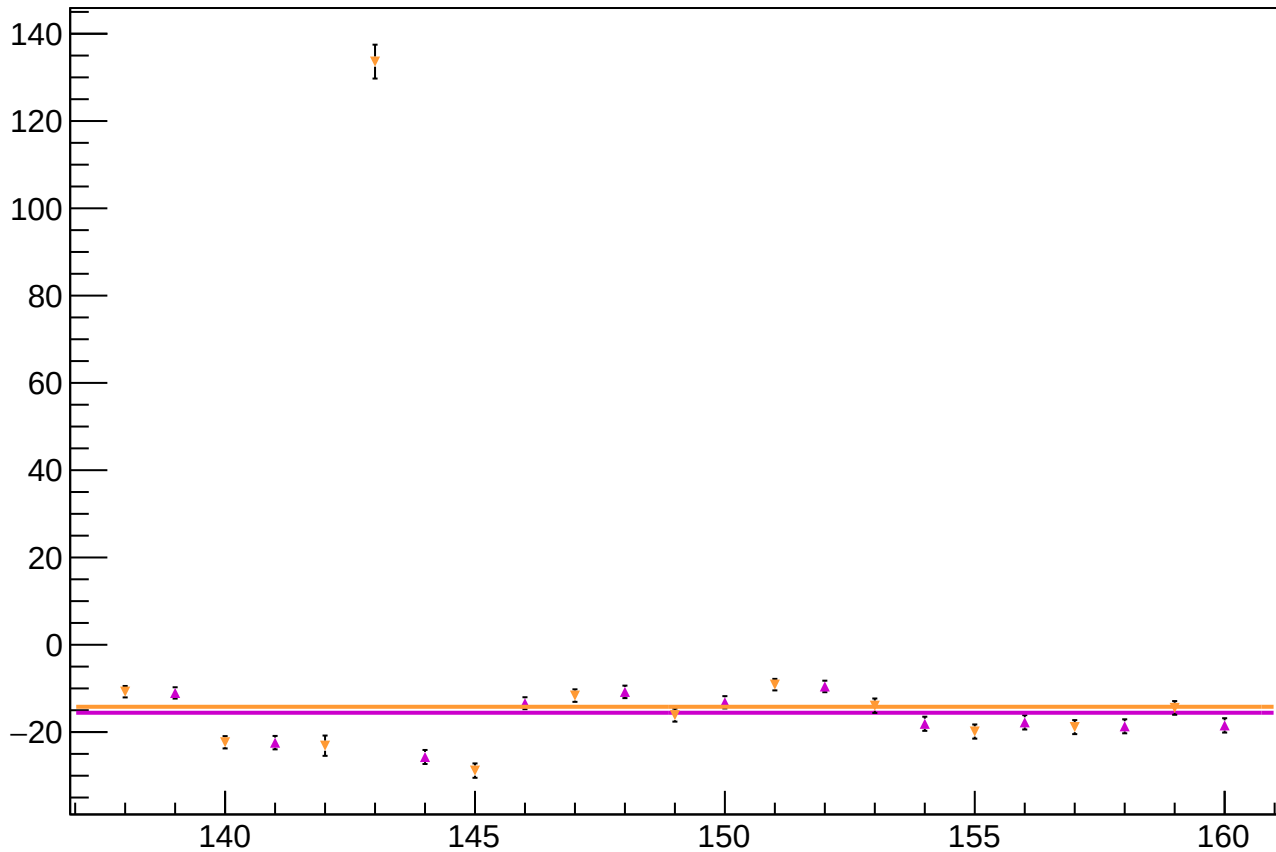
Left In: -154.000+/-0.064 χ^2/NDF : 53661.8/10

+ sign -121.114+/-0.046 χ^2/NDF : 1091585.1/28

All: -120.690+/-0.032 χ^2/NDF : 2196963.6/58

- sign -120.271+/-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: -14.205 +/- 0.459 χ^2/NDF : 1624.5/11

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

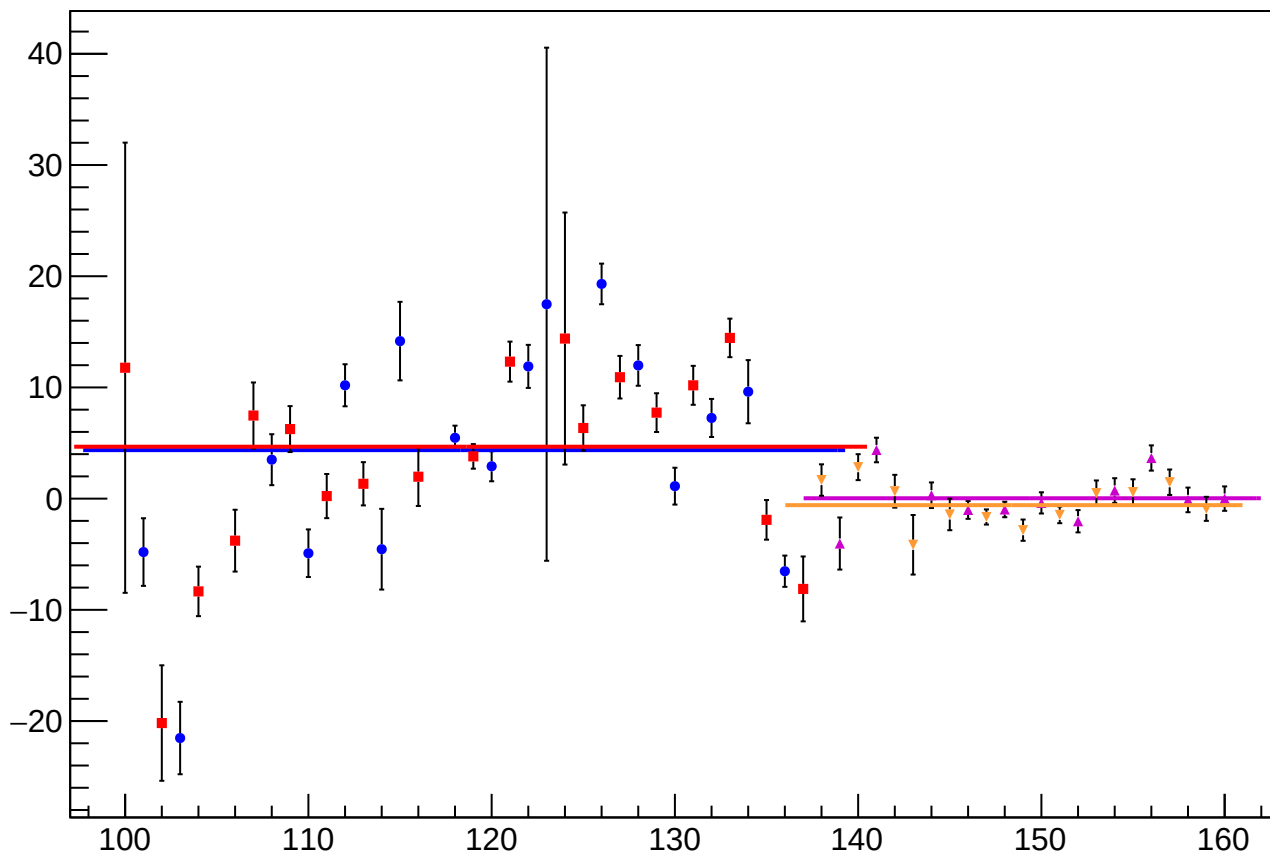
Left In: -15.574 +/- 0.447 χ^2/NDF : 120.3/10

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -14.908 +/- 0.320 χ^2/NDF : 1749.4/22

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361 ± 0.464 χ^2/NDF : 286.5/16

Left Out: -0.586 ± 0.309 χ^2/NDF : 28.6/11

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

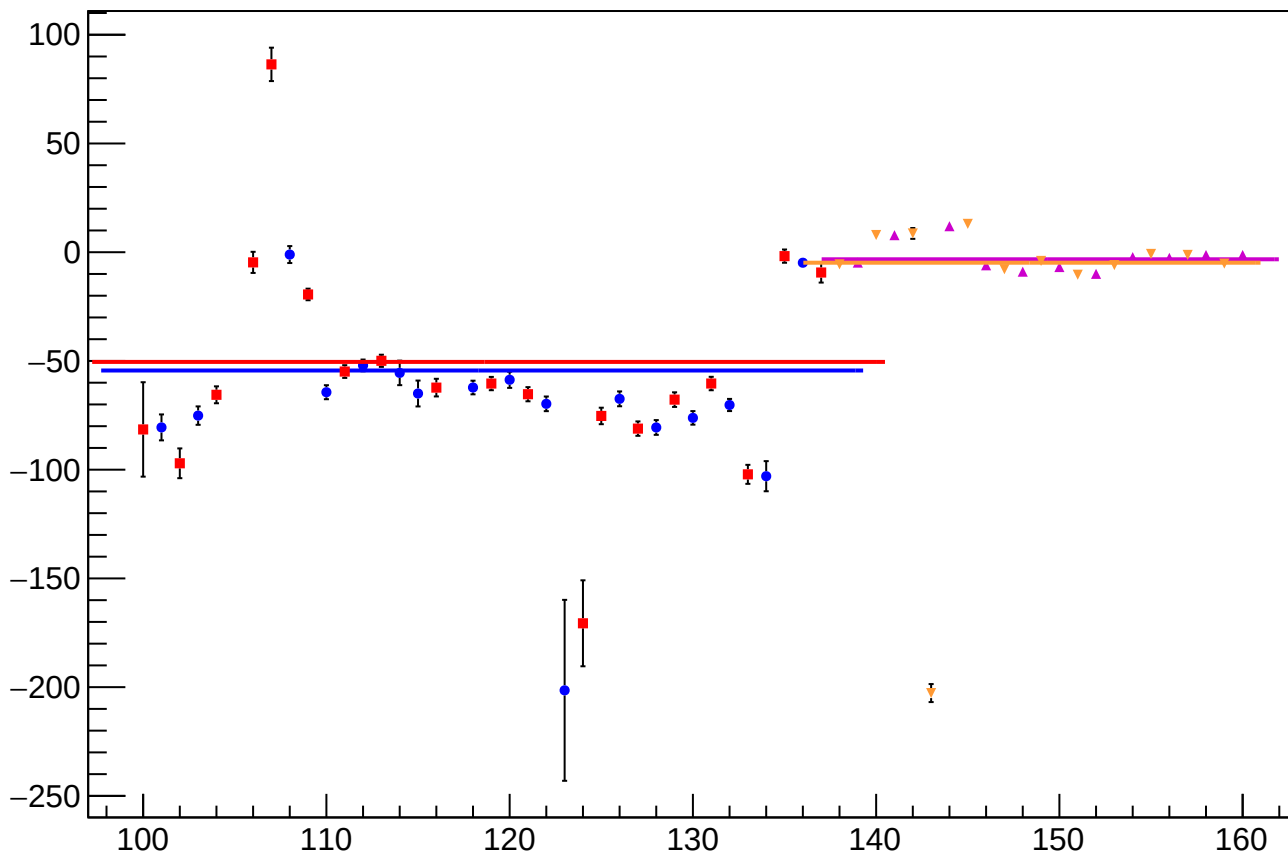
Left In: 0.034 ± 0.305 χ^2/NDF : 37.4/10

+ sign 0.929 ± 0.257 χ^2/NDF : 393.8/28

All: 1.162 ± 0.182 χ^2/NDF : 685.7/58

- sign 1.394 ± 0.257 χ^2/NDF : 290.3/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392 ± 0.863 χ^2/NDF : 1013.4/16

Left Out: -4.823 ± 0.448 χ^2/NDF : 2529.8/11

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

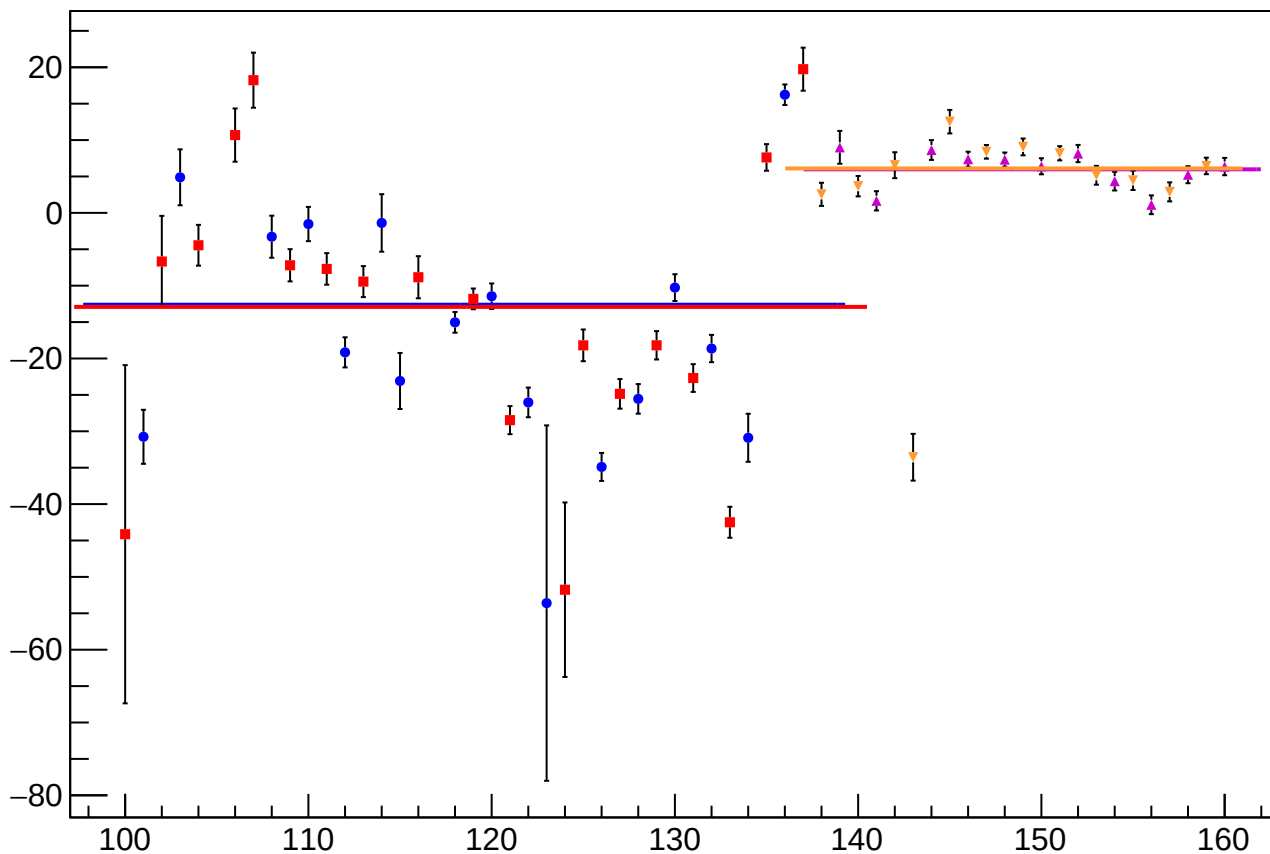
Left In: -3.252 ± 0.434 χ^2/NDF : 187.2/10

+ sign -15.354 ± 0.398 χ^2/NDF : 6144.3/28

All: -14.080 ± 0.277 χ^2/NDF : 10087.8/58

- sign -12.873 ± 0.387 χ^2/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: 6.103 ± 0.374 χ^2/NDF : 201.7/11

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

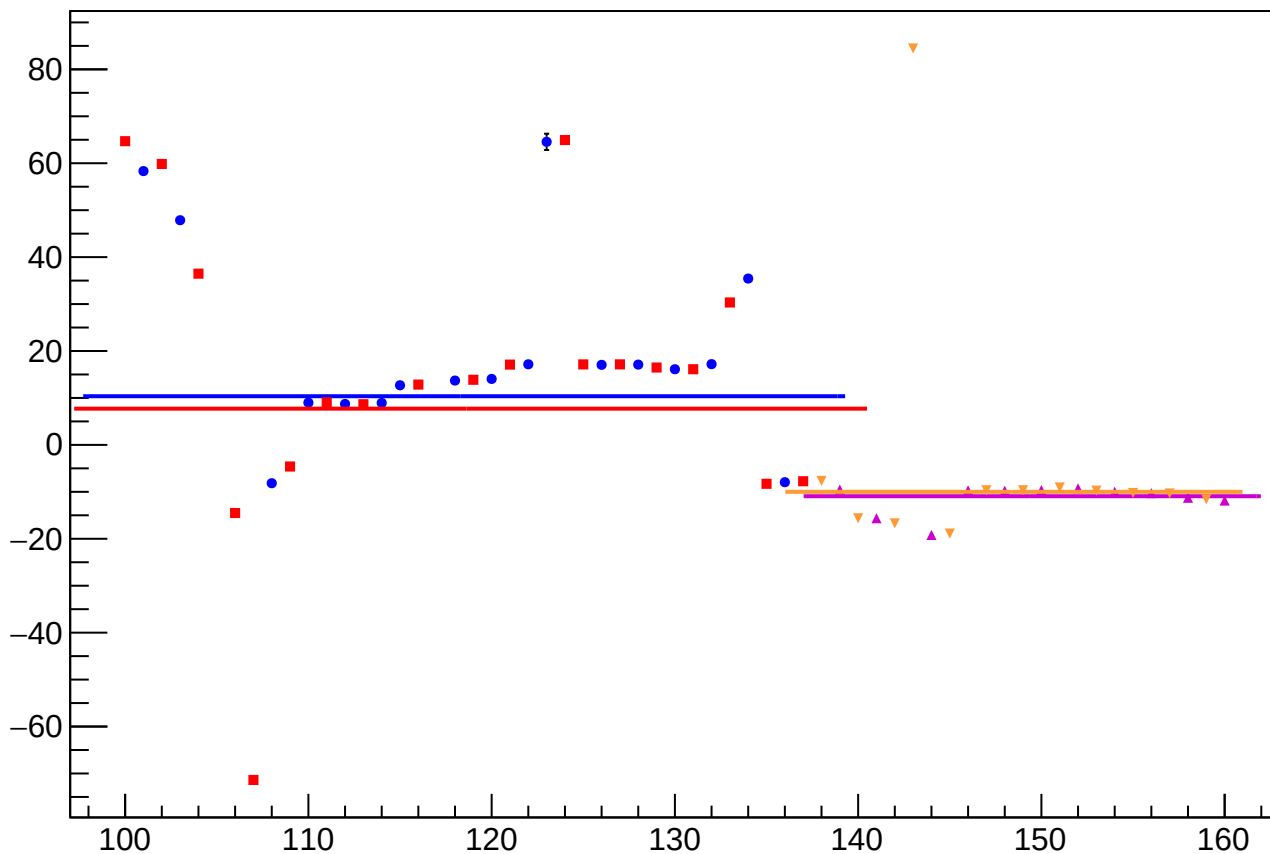
Left In: 5.981 ± 0.365 χ^2/NDF : 39.8/10

+ sign -0.108 ± 0.305 χ^2/NDF : 1822.9/28

All: -0.040 ± 0.215 χ^2/NDF : 3436.9/58

- 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: -9.999 $\pm$ 0.018 χ^2 /NDF: 355763.0/11

Right Out: 7.719 $\pm$ 0.031 χ^2 /NDF: 545085.7/18

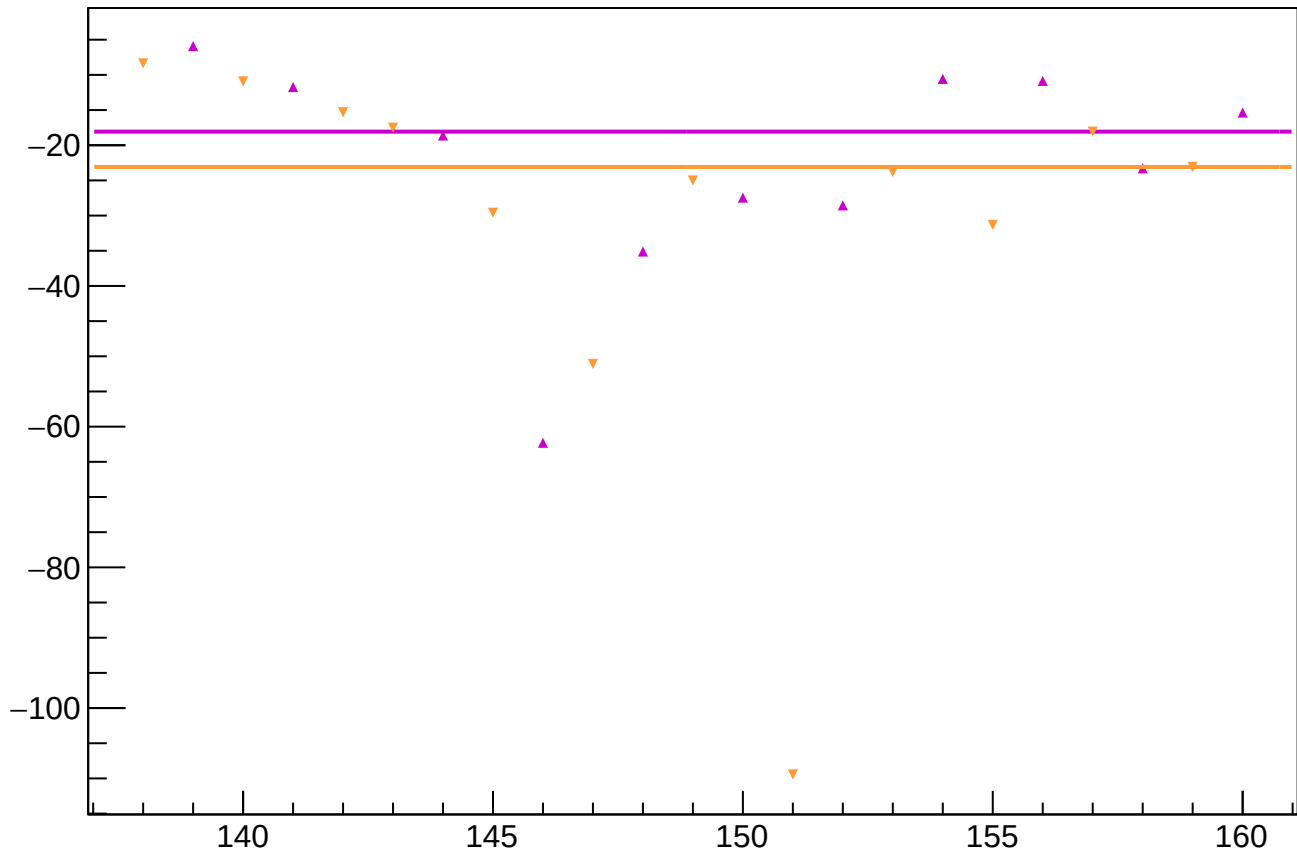
Left In: -10.937 $\pm$ 0.017 χ^2 /NDF: 21196.2/10

+ sign -4.948 $\pm$ 0.015 χ^2 /NDF: 1071225.7/28

All: -5.868 $\pm$ 0.011 χ^2 /NDF: 1920797.2/58

- 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: -23.088+/-0.076 χ^2/NDF : 50366.3/11

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

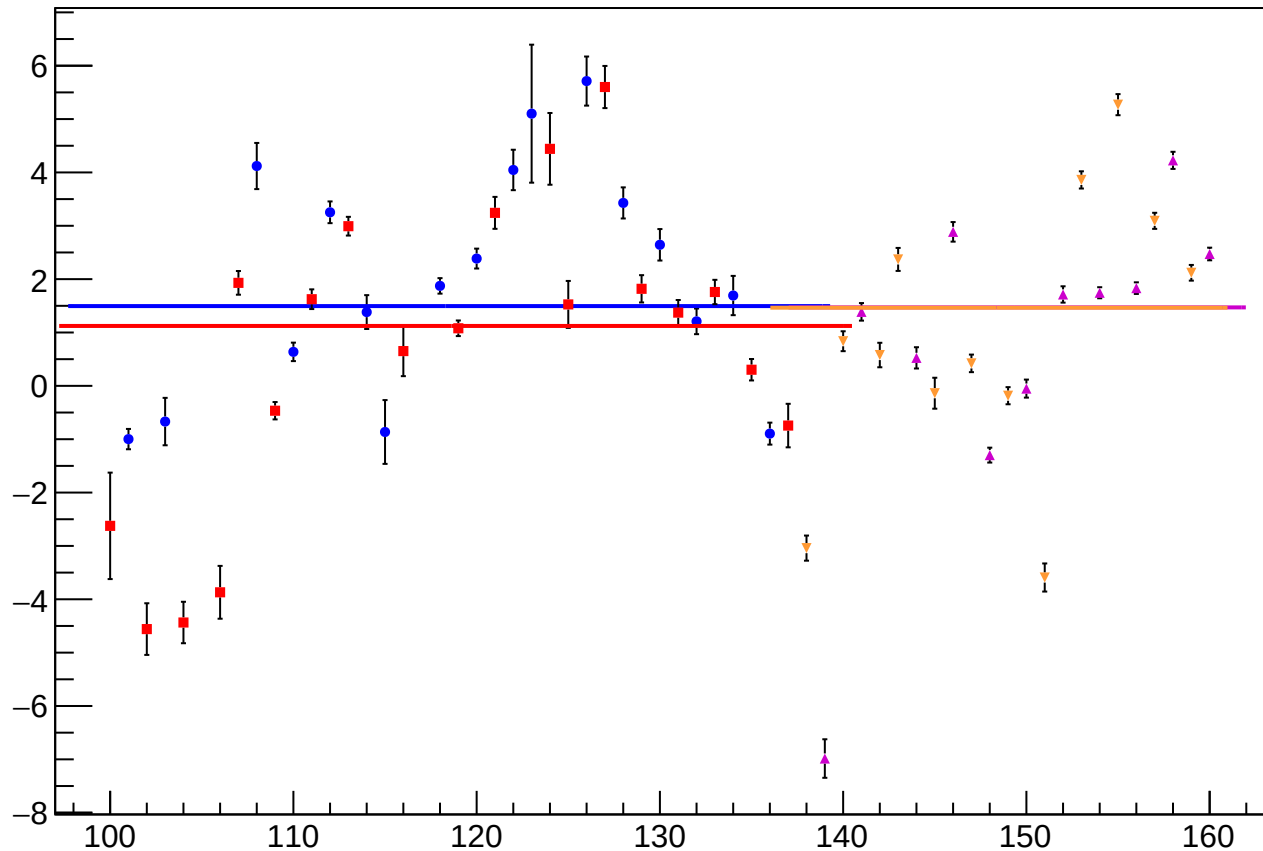
Left In: -18.069+/-0.063 χ^2/NDF : 36787.7/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.137+/-0.049 χ^2/NDF : 89729.4/22

- 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: 1.465 ± 0.054 χ^2/NDF : 1682.7/11

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

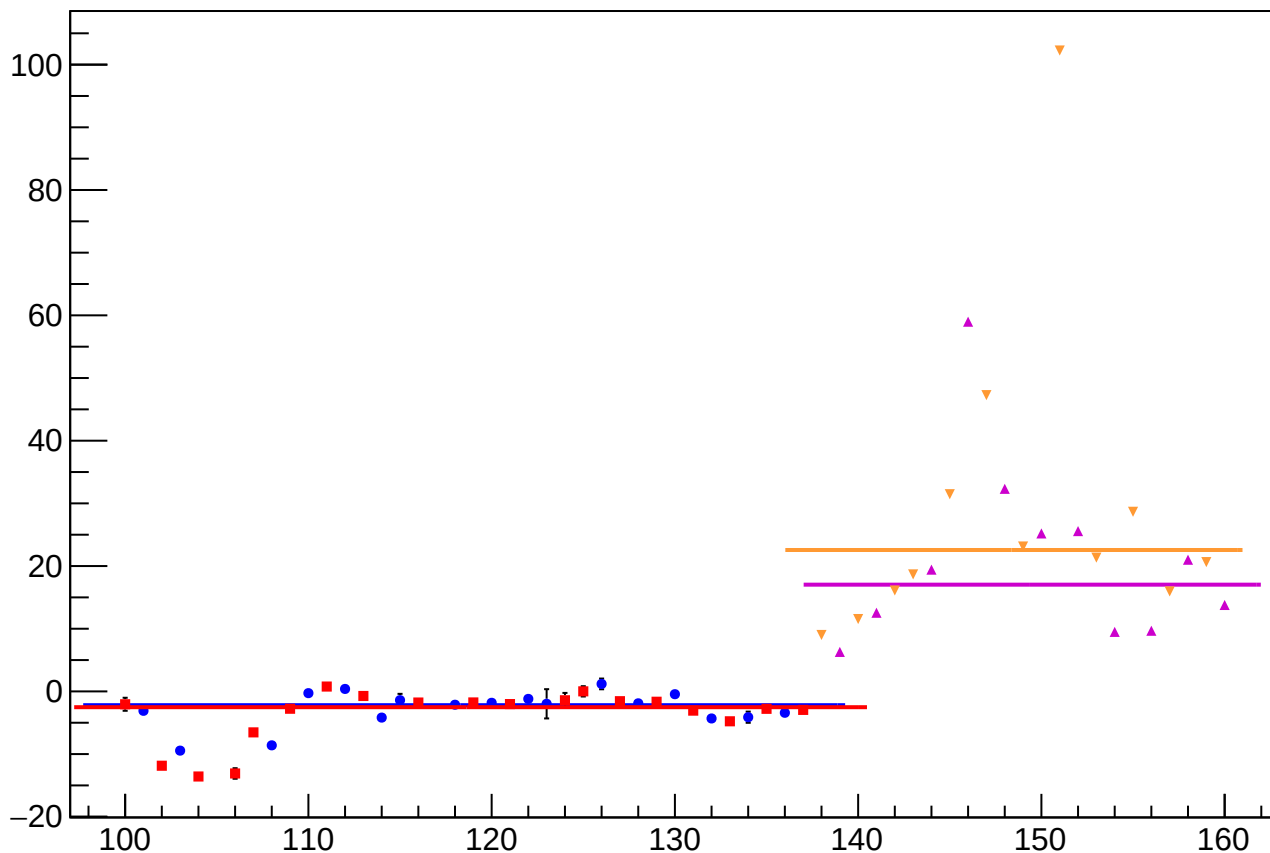
Left In: 1.470 ± 0.044 χ^2/NDF : 1491.7/10

+ sign 1.478 ± 0.040 χ^2/NDF : 2391.7/28

All: 1.402 ± 0.027 χ^2/NDF : 4858.8/58

- sign 1.344 ± 0.035 χ^2/NDF : 2460.9/29

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 $\chi^2/\text{NDF}: 461.0/16$

Left Out: 22.561 ± 0.074 $\chi^2/\text{NDF}: 45582.2/11$

Right Out: -2.520 ± 0.099 $\chi^2/\text{NDF}: 903.3/18$

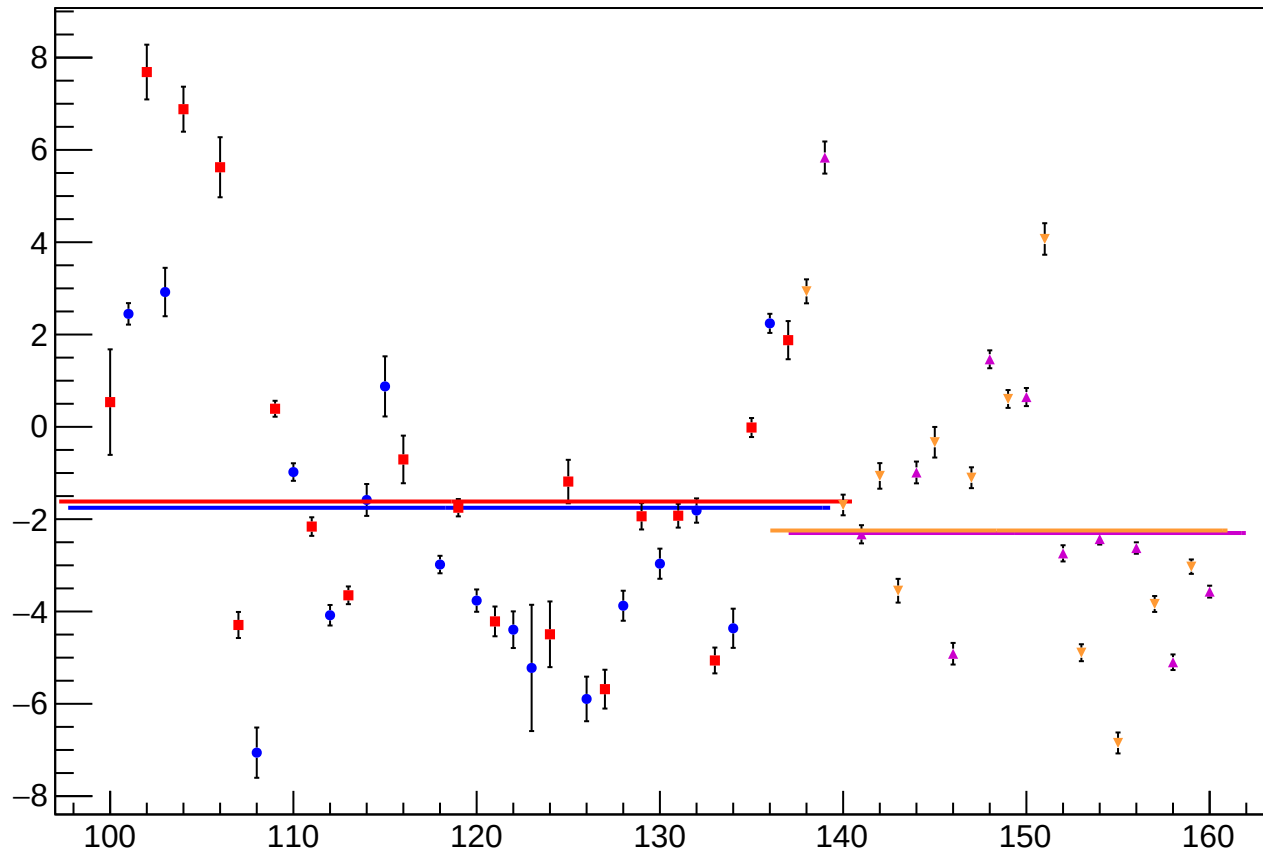
Left In: 17.029 ± 0.061 $\chi^2/\text{NDF}: 34730.1/10$

+ sign 14.859 ± 0.062 $\chi^2/\text{NDF}: 80582.5/28$

All: 12.988 ± 0.040 $\chi^2/\text{NDF}: 146111.4/58$

- sign 11.667 ± 0.052 $\chi^2/\text{NDF}: 63958.9/29$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -2.246 ± 0.063 χ^2/NDF : 1795.6/11

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

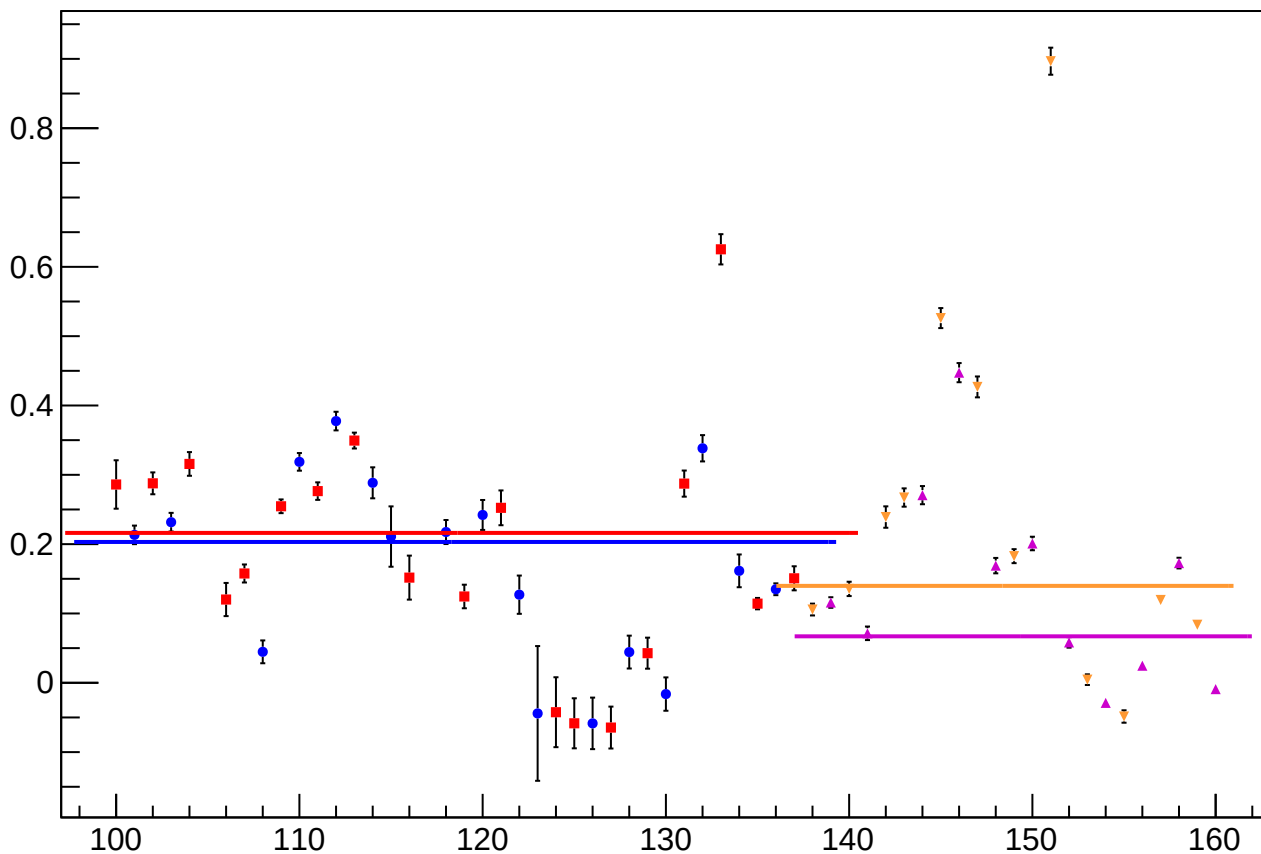
Left In: -2.300 ± 0.051 χ^2/NDF : 1691.9/10

+ sign -2.026 ± 0.047 χ^2/NDF : 3167.8/28

All: -2.036 ± 0.031 χ^2/NDF : 6414.7/58

- sign -2.044 ± 0.040 χ^2/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: 0.140 ± 0.003 χ^2/NDF : 3568.6/11

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

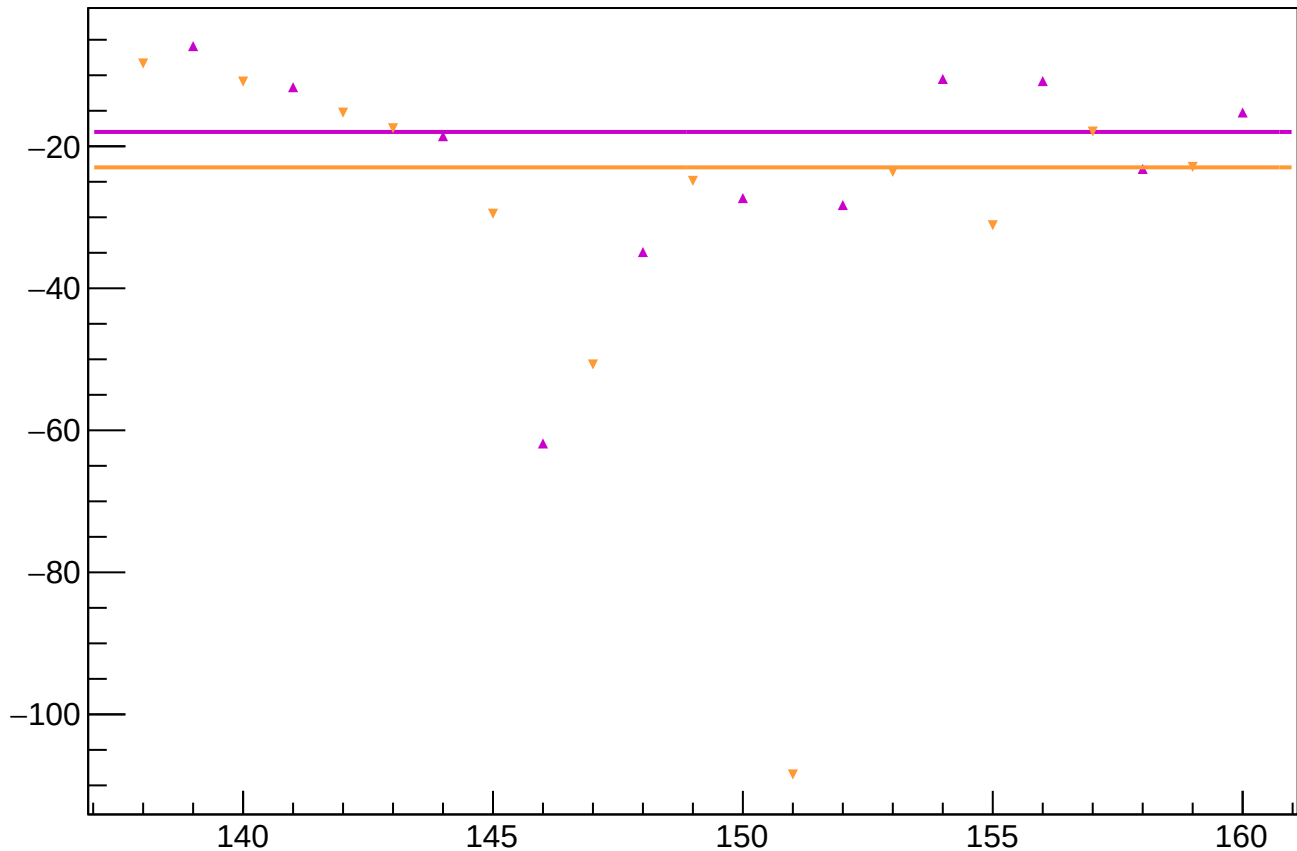
Left In: 0.067 ± 0.002 χ^2/NDF : 2119.0/10

+ sign 0.160 ± 0.002 χ^2/NDF : 4406.3/28

All: 0.128 ± 0.001 χ^2/NDF : 9109.7/58

- 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: -22.970+/-0.075 χ^2/NDF : 50256.9/11

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

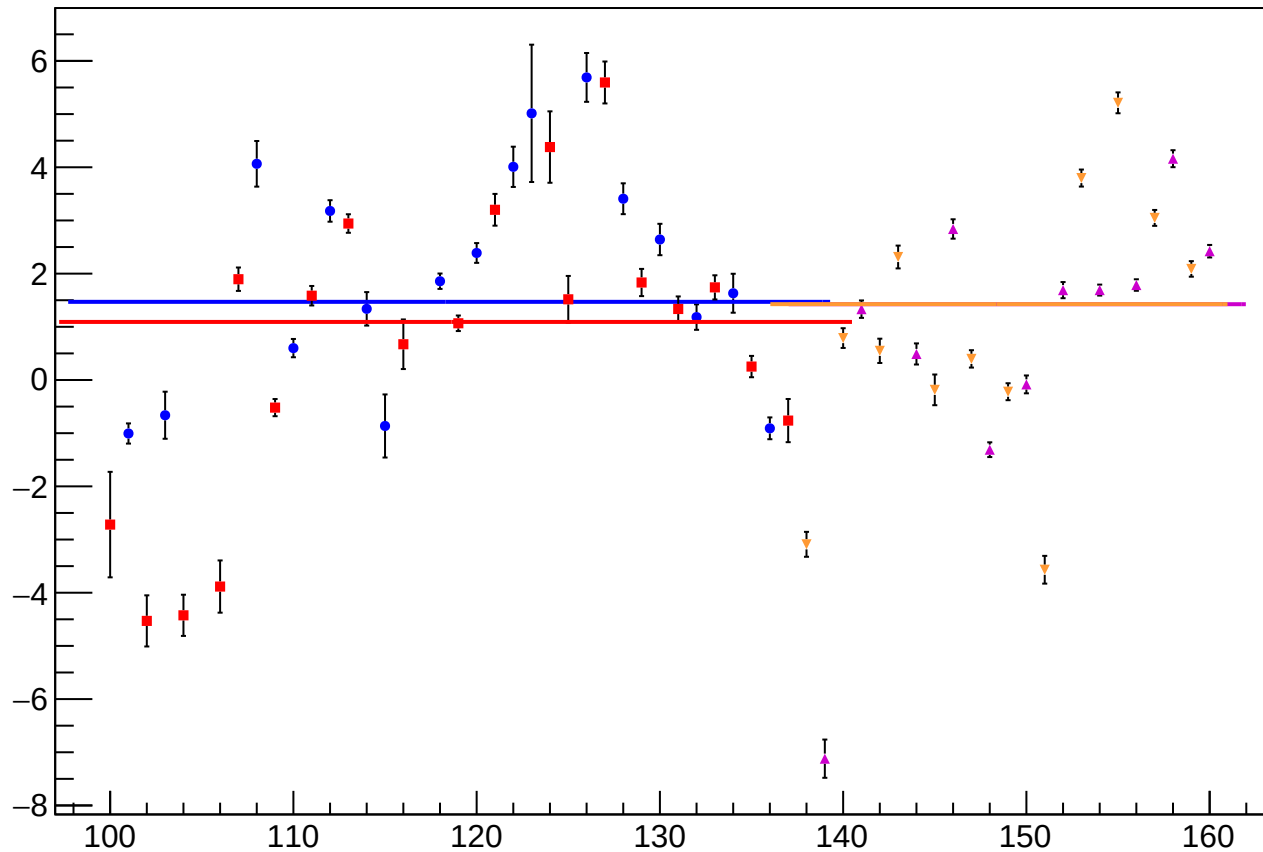
Left In: -17.982+/-0.063 χ^2/NDF : 36723.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.037+/-0.048 χ^2/NDF : 89555.9/22

- 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: 1.426 $\pm$ 0.054 χ^2/NDF : 1688.3/11

Right Out: 1.092 $\pm$ 0.058 χ^2/NDF : 952.1/18

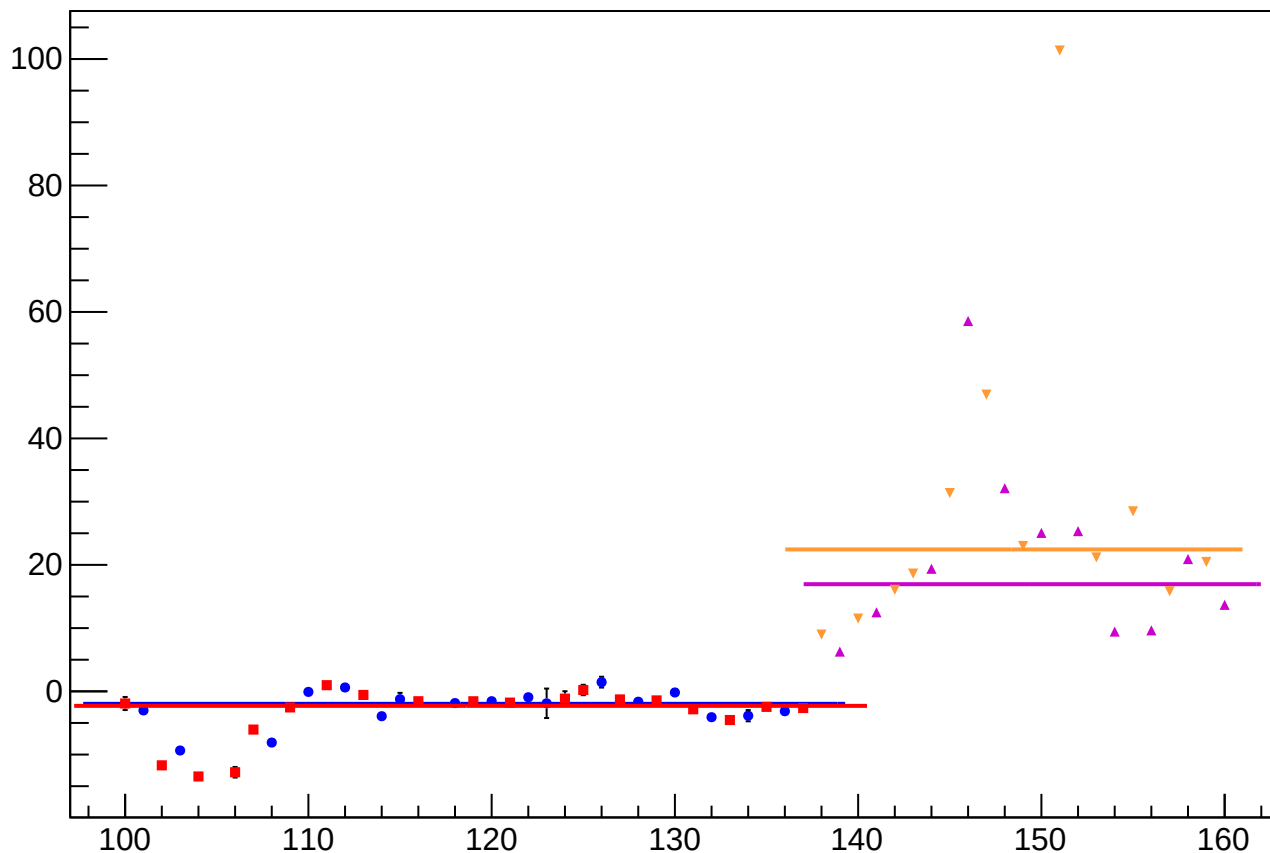
Left In: 1.425 $\pm$ 0.044 χ^2/NDF : 1503.9/10

+ sign 1.445 $\pm$ 0.040 χ^2/NDF : 2396.4/28

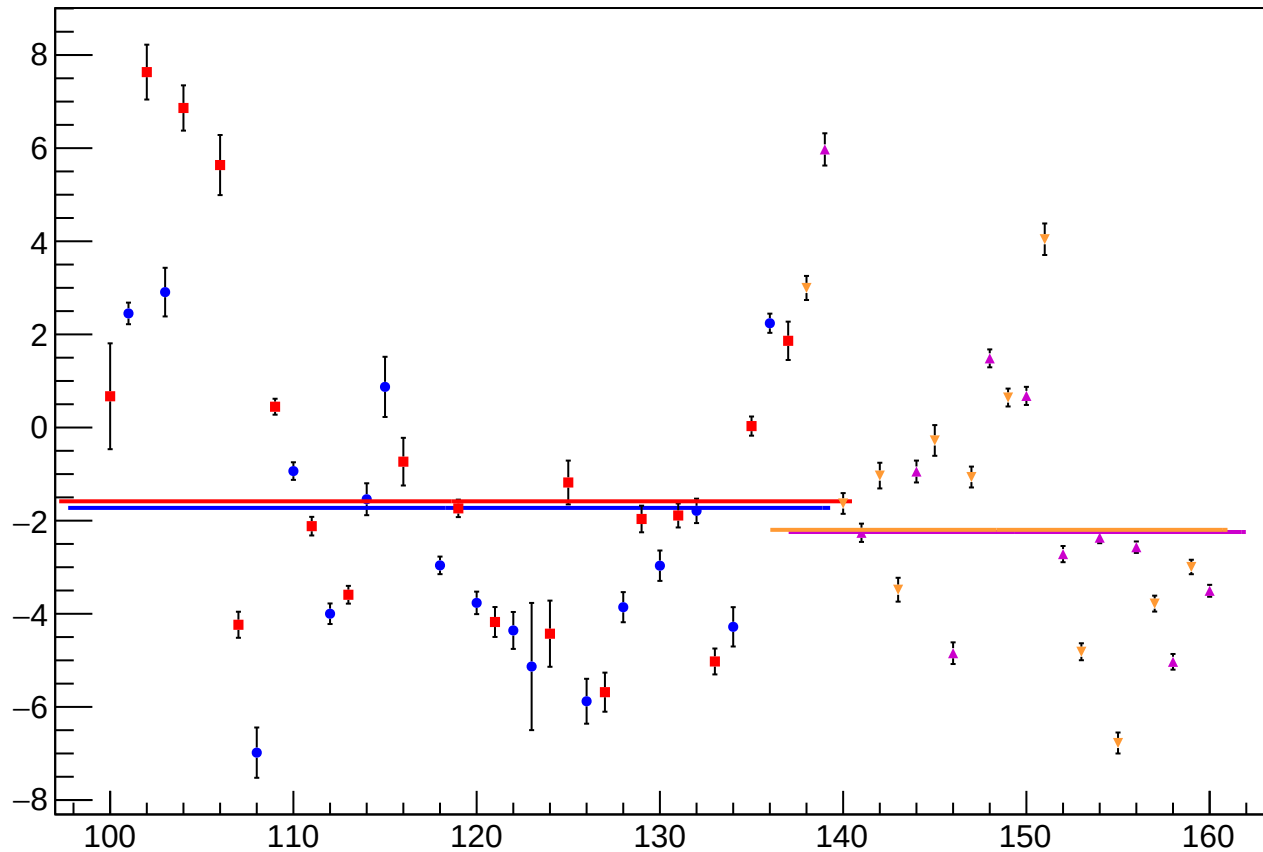
All: 1.365 $\pm$ 0.026 χ^2/NDF : 4880.5/58

- sign 1.304 $\pm$ 0.035 χ^2/NDF : 2477.0/29

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 $\pm$ 0.070 χ^2/NDF : 1341.5/16

Left Out: -2.197 $\pm$ 0.063 χ^2/NDF : 1802.9/11

Right Out: -1.584 $\pm$ 0.065 χ^2/NDF : 1492.8/18

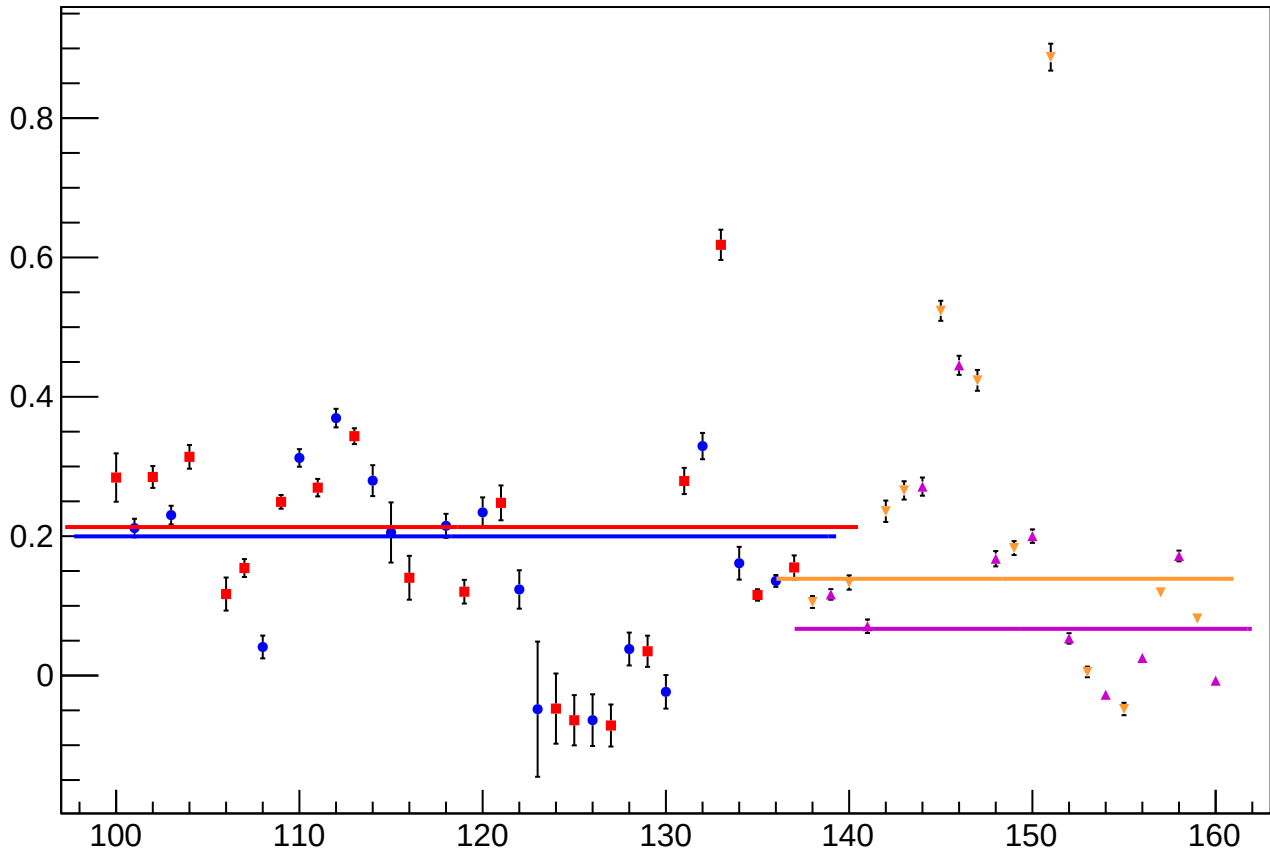
Left In: -2.244 $\pm$ 0.051 χ^2/NDF : 1707.7/10

+ sign -1.987 $\pm$ 0.047 χ^2/NDF : 3169.5/28

All: -1.993 $\pm$ 0.030 χ^2/NDF : 6433.7/58

- sign -1.997 $\pm$ 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: 0.139 $\pm$ 0.003 χ^2 /NDF:3562.1/11

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1050.9/18

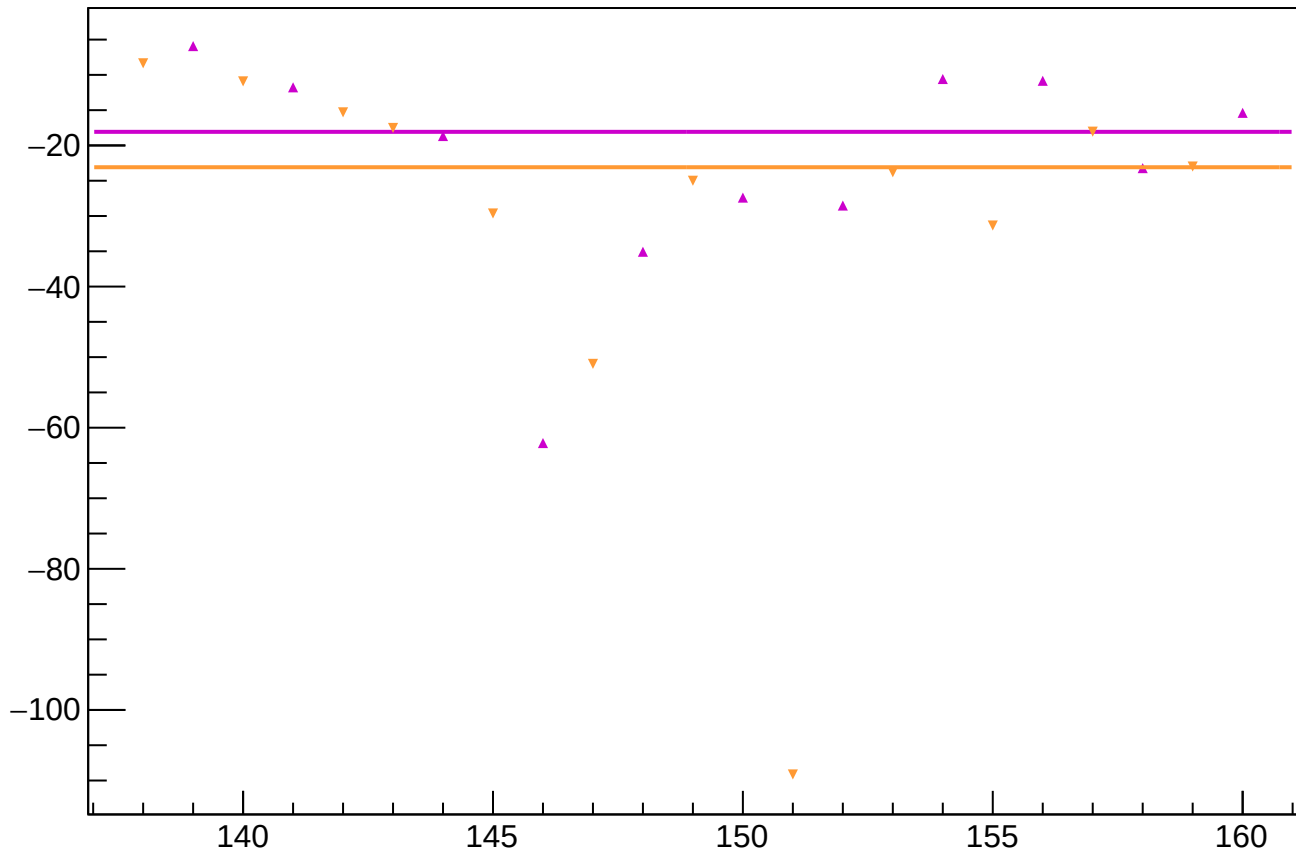
Left In: 0.067 $\pm$ 0.002 χ^2 /NDF:2112.4/10

+ sign 0.158 $\pm$ 0.002 χ^2 /NDF: 4374.5/28

All: 0.127 $\pm$ 0.001 χ^2 /NDF: 9011.2/58

- 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: -23.088+/-0.076 χ^2/NDF : 50367.5/11

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

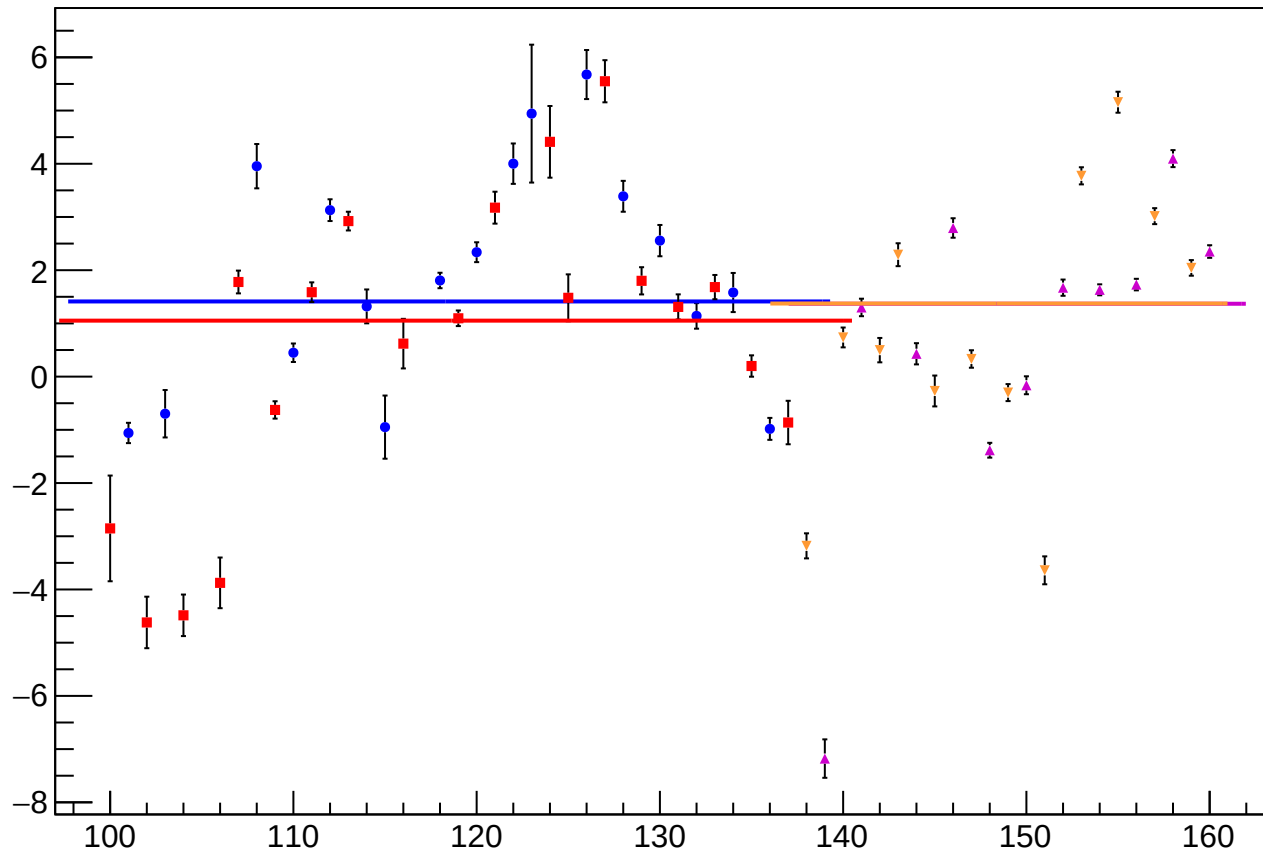
Left In: -18.072+/-0.063 χ^2/NDF : 36790.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.137+/-0.049 χ^2/NDF : 89741.3/22

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 ± 0.061 χ^2/NDF : 713.9/16

Left Out: 1.373 ± 0.054 χ^2/NDF : 1696.2/11

Right Out: 1.052 ± 0.058 χ^2/NDF : 963.3/18

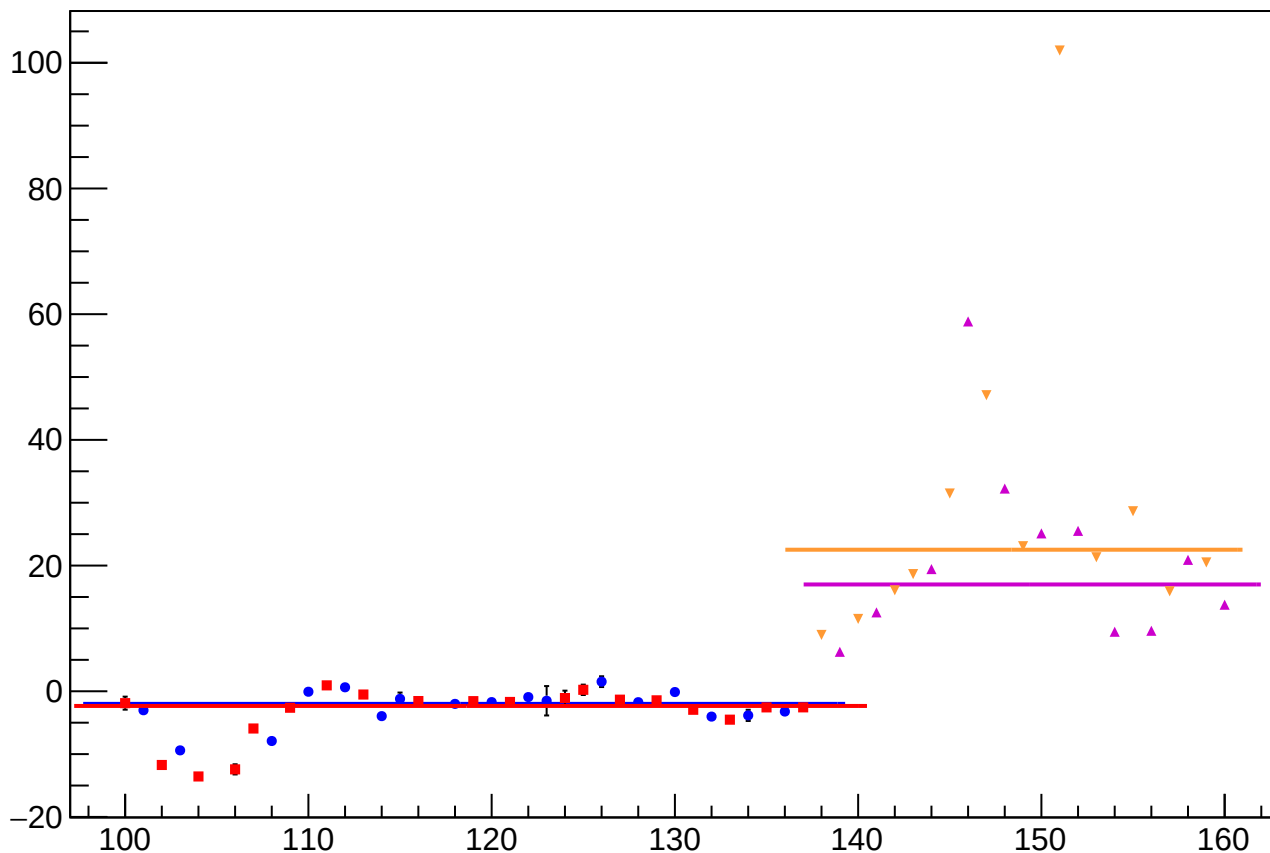
Left In: 1.369 ± 0.044 χ^2/NDF : 1497.8/10

+ sign 1.391 ± 0.040 χ^2/NDF : 2410.3/28

All: 1.313 ± 0.026 χ^2/NDF : 4896.9/58

- sign 1.254 ± 0.035 χ^2/NDF : 2480.1/29

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 22.522 ± 0.074 χ^2/NDF : 45599.4/11

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

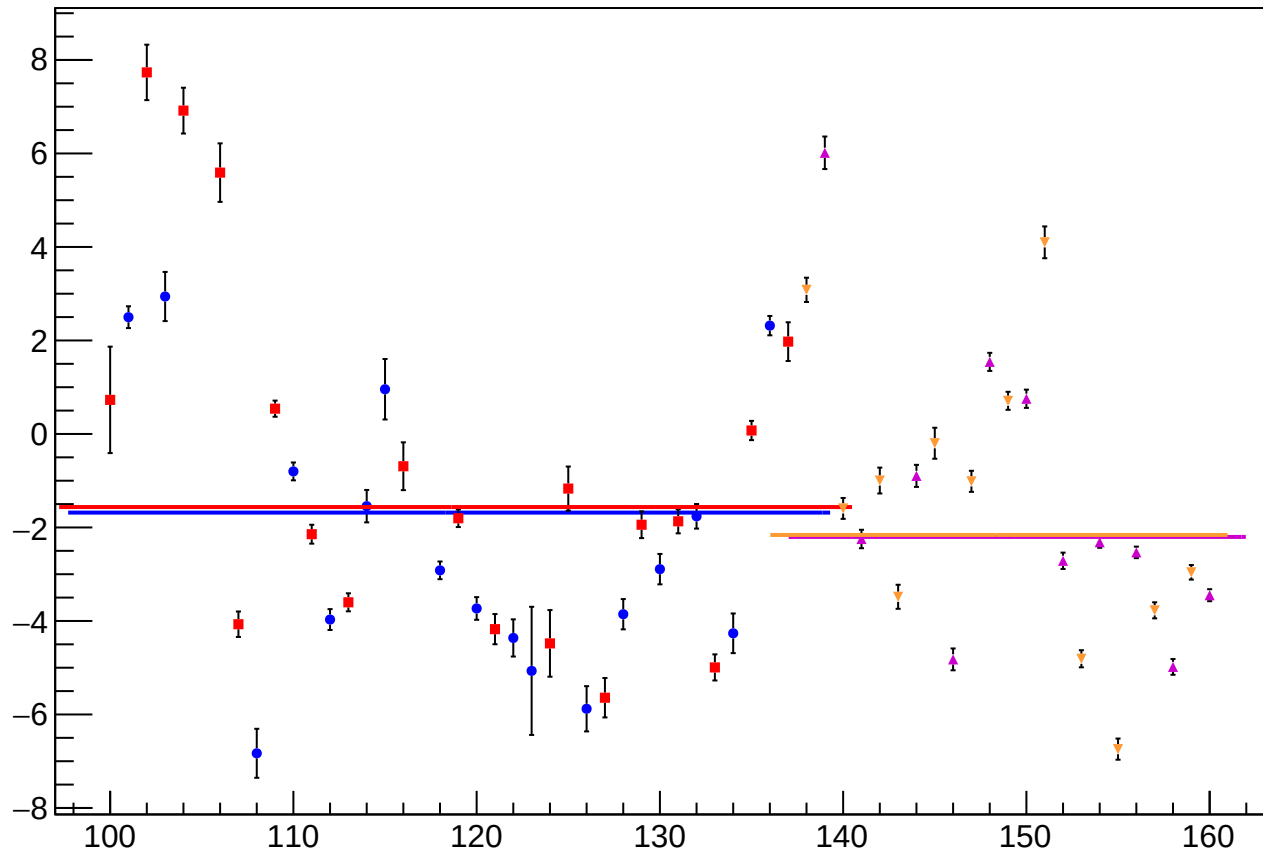
Left In: 16.994 ± 0.061 χ^2/NDF : 34753.4/10

+ sign 14.916 ± 0.062 χ^2/NDF : 79981.8/28

All: 13.034 ± 0.040 χ^2/NDF : 144972.8/58

- sign 11.706 ± 0.052 χ^2/NDF : 63398.5/29

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.160 ± 0.063 χ^2/NDF : 1811.7/11

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

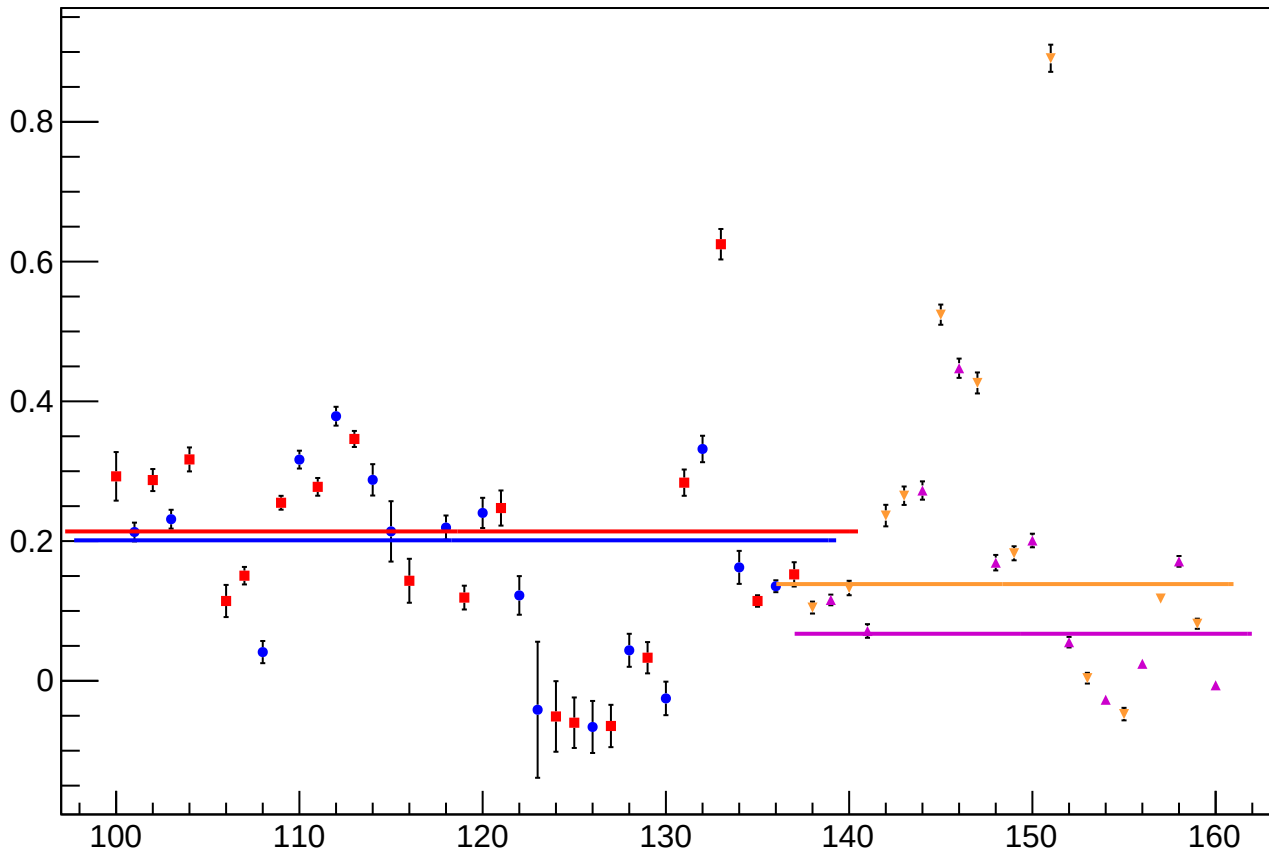
Left In: -2.202 ± 0.051 χ^2/NDF : 1702.0/10

+ sign -1.947 ± 0.047 χ^2/NDF : 3185.2/28

All: -1.956 ± 0.031 χ^2/NDF : 6451.3/58

- 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: 0.138 ± 0.003 χ^2/NDF : 3555.4/11

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

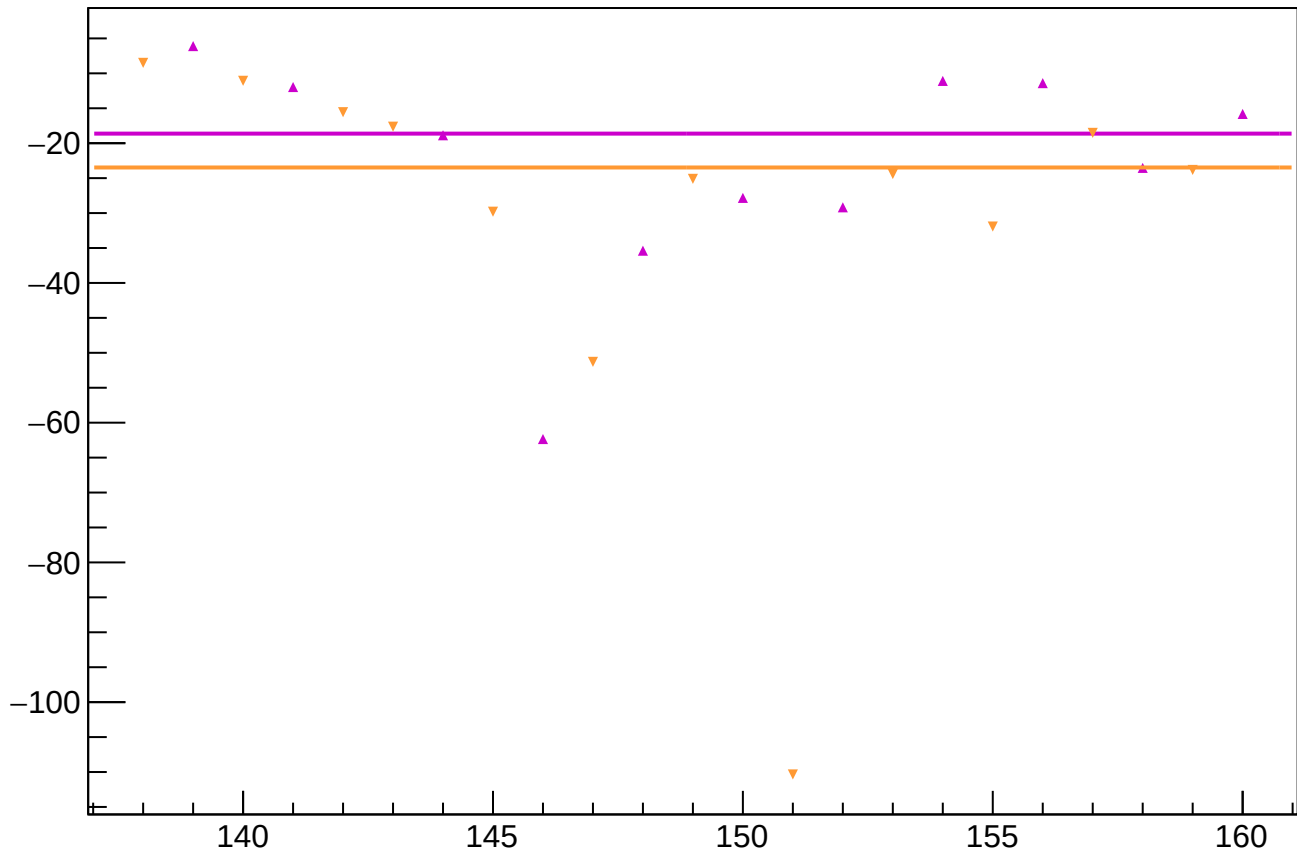
Left In: 0.067 ± 0.002 χ^2/NDF : 2103.3/10

+ sign 0.158 ± 0.002 χ^2/NDF : 4404.1/28

All: 0.127 ± 0.001 χ^2/NDF : 9057.6/58

- 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: -23.475+/-0.077 χ^2/NDF :50225.4/11

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

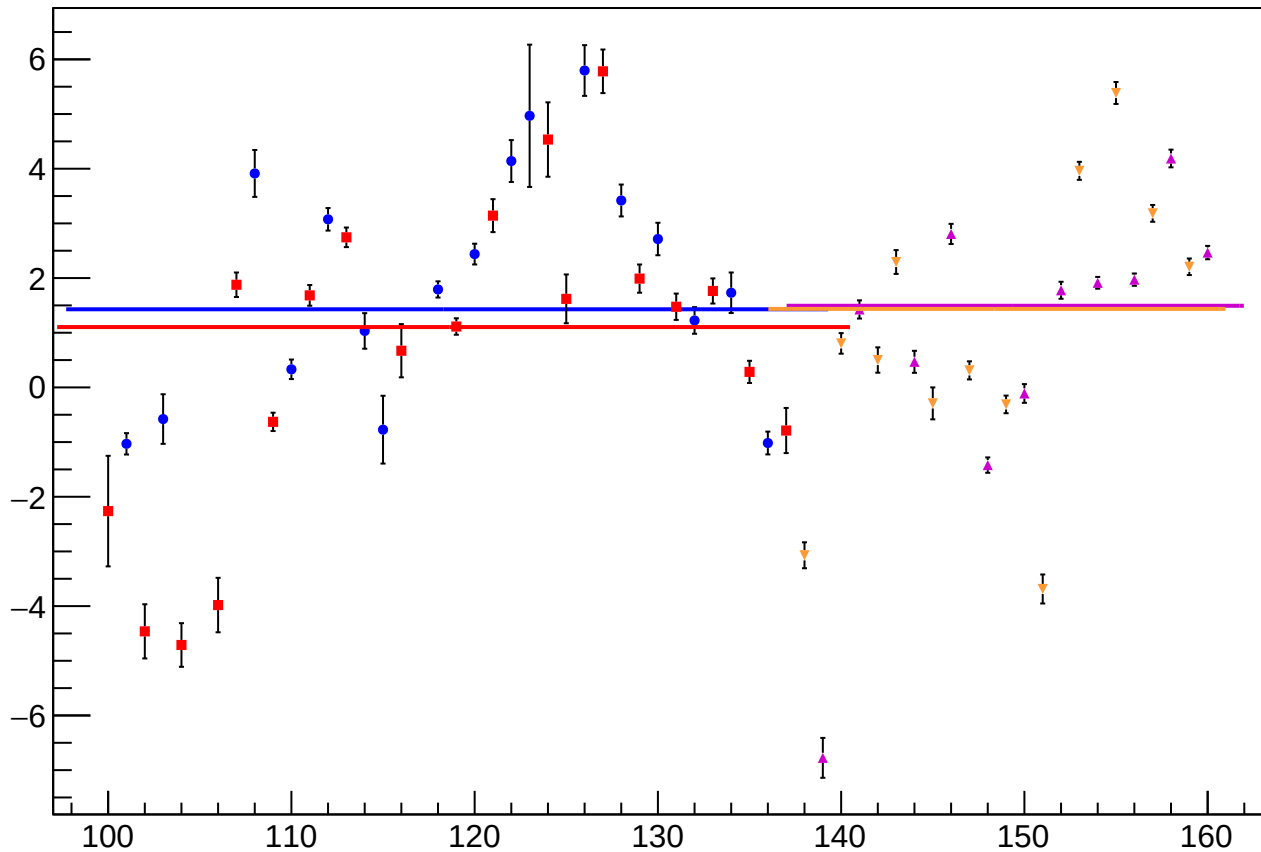
Left In: -18.628+/-0.065 χ^2/NDF :35753.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.644+/-0.050 χ^2/NDF : 88298.9/22

- 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: 1.436 ± 0.055 χ^2/NDF : 1750.9/11

Right Out: 1.104 ± 0.059 χ^2/NDF : 936.5/18

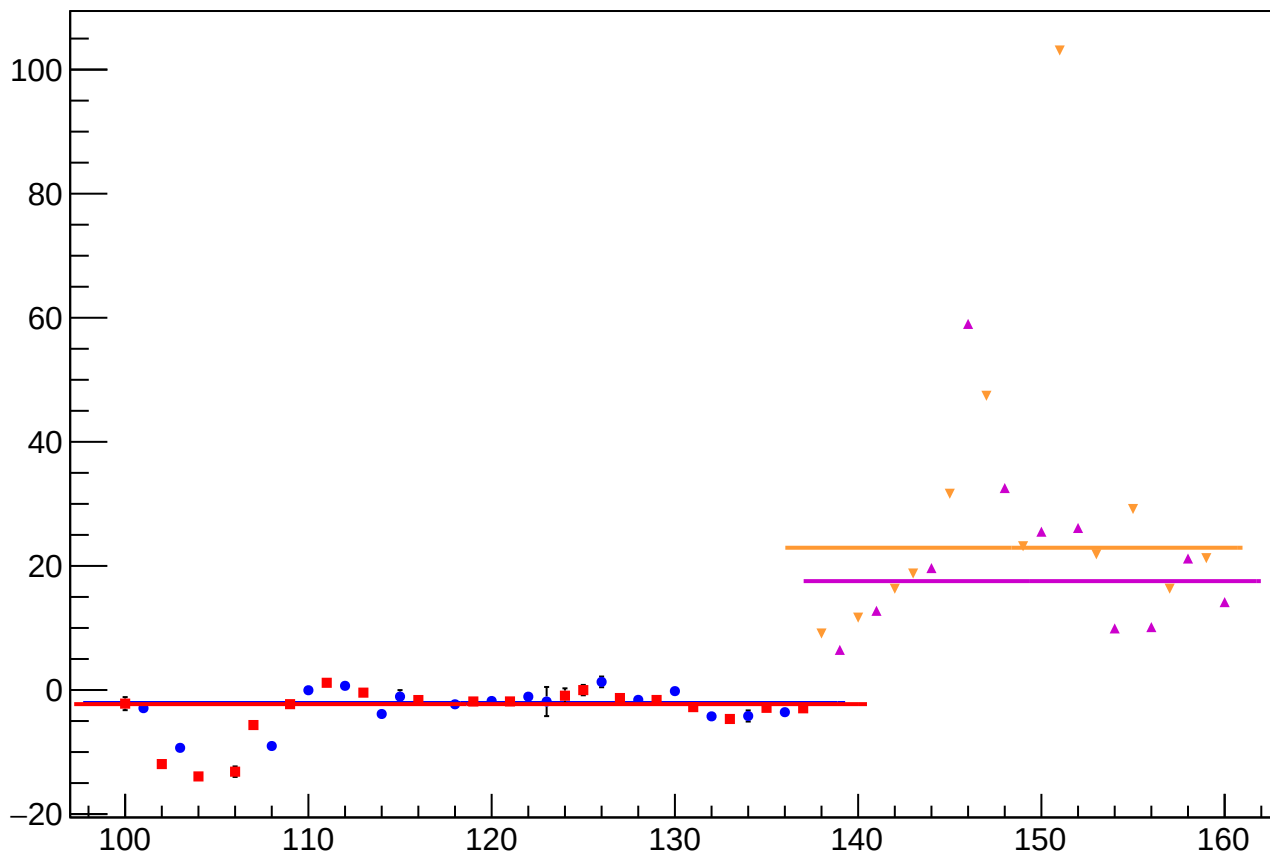
Left In: 1.493 ± 0.045 χ^2/NDF : 1484.1/10

+ sign 1.433 ± 0.041 χ^2/NDF : 2462.3/28

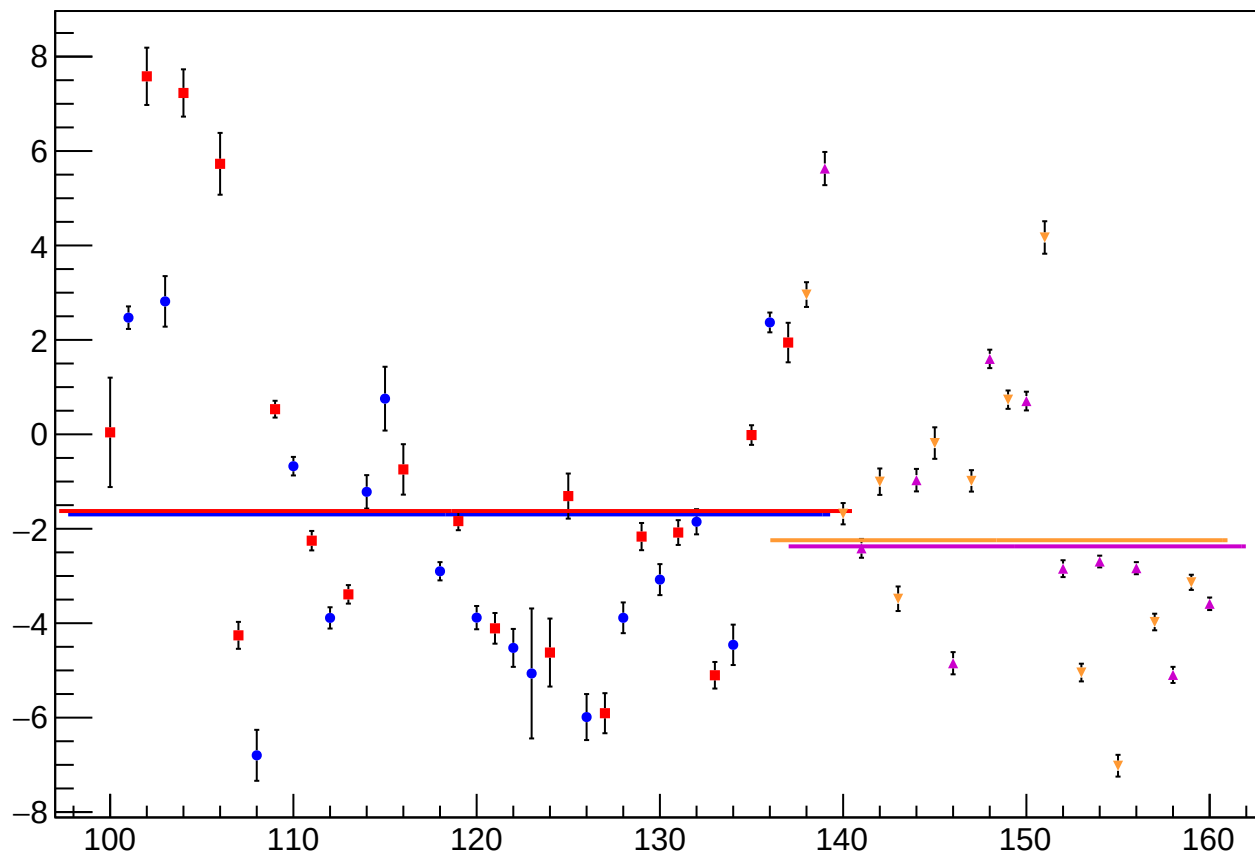
All: 1.386 ± 0.027 χ^2/NDF : 4912.7/58

- sign 1.351 ± 0.036 χ^2/NDF : 2448.1/29

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -2.243 ± 0.064 χ^2/NDF : 1873.2/11

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

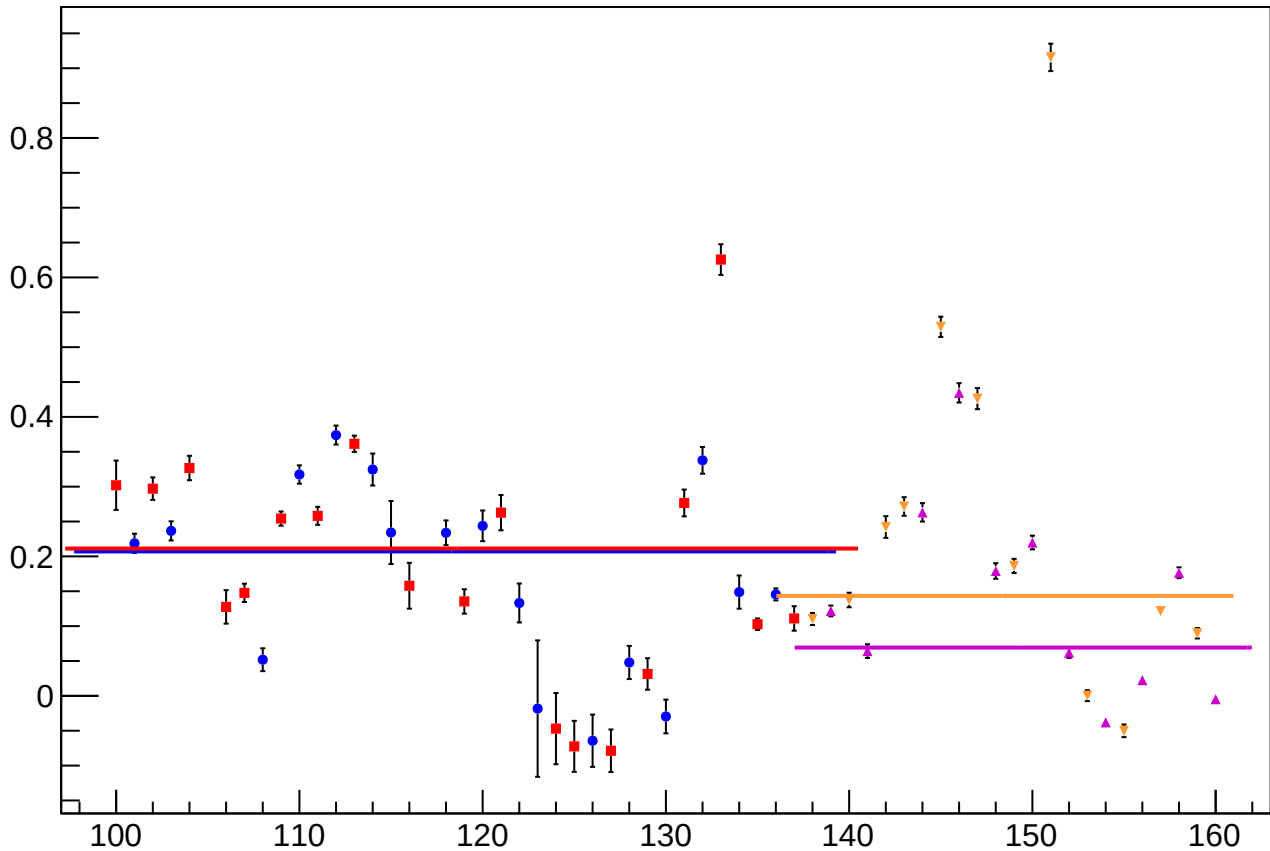
Left In: -2.373 ± 0.052 χ^2/NDF : 1683.5/10

+ sign -1.999 ± 0.048 χ^2/NDF : 3238.9/28

All: -2.052 ± 0.031 χ^2/NDF : 6469.6/58

- sign -2.091 ± 0.041 χ^2/NDF : 3228.6/29

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 χ^2/NDF : 656.3/16

Left Out: 0.143 ± 0.003 χ^2/NDF : 3603.1/11

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/18

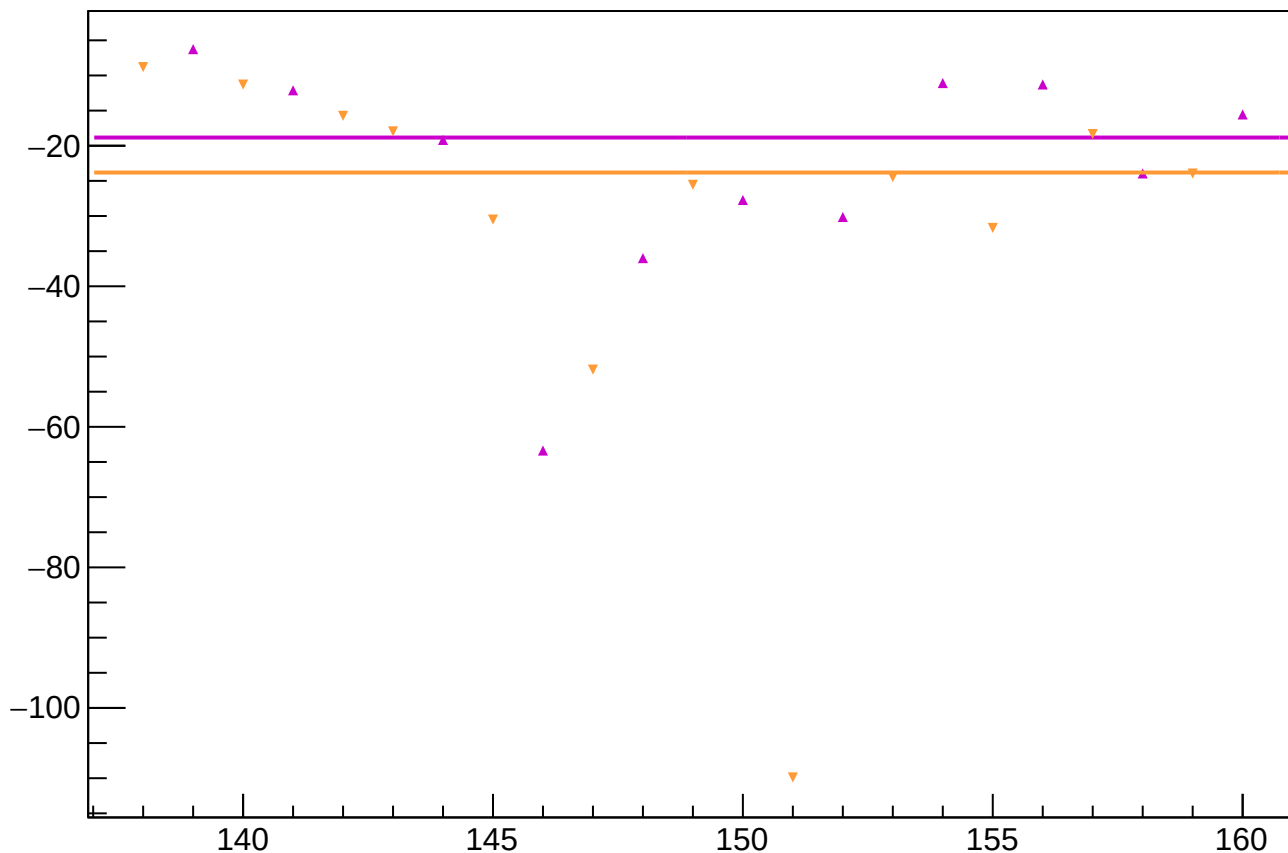
Left In: 0.069 ± 0.002 χ^2/NDF : 2142.8/10

+ sign 0.164 ± 0.002 χ^2/NDF : 4416.7/28

All: 0.130 ± 0.002 χ^2/NDF : 9091.9/58

- sign 0.107 ± 0.002 χ^2/NDF : 4335.3/29

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.810+/-0.078 χ^2/NDF : 49518.0/11

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

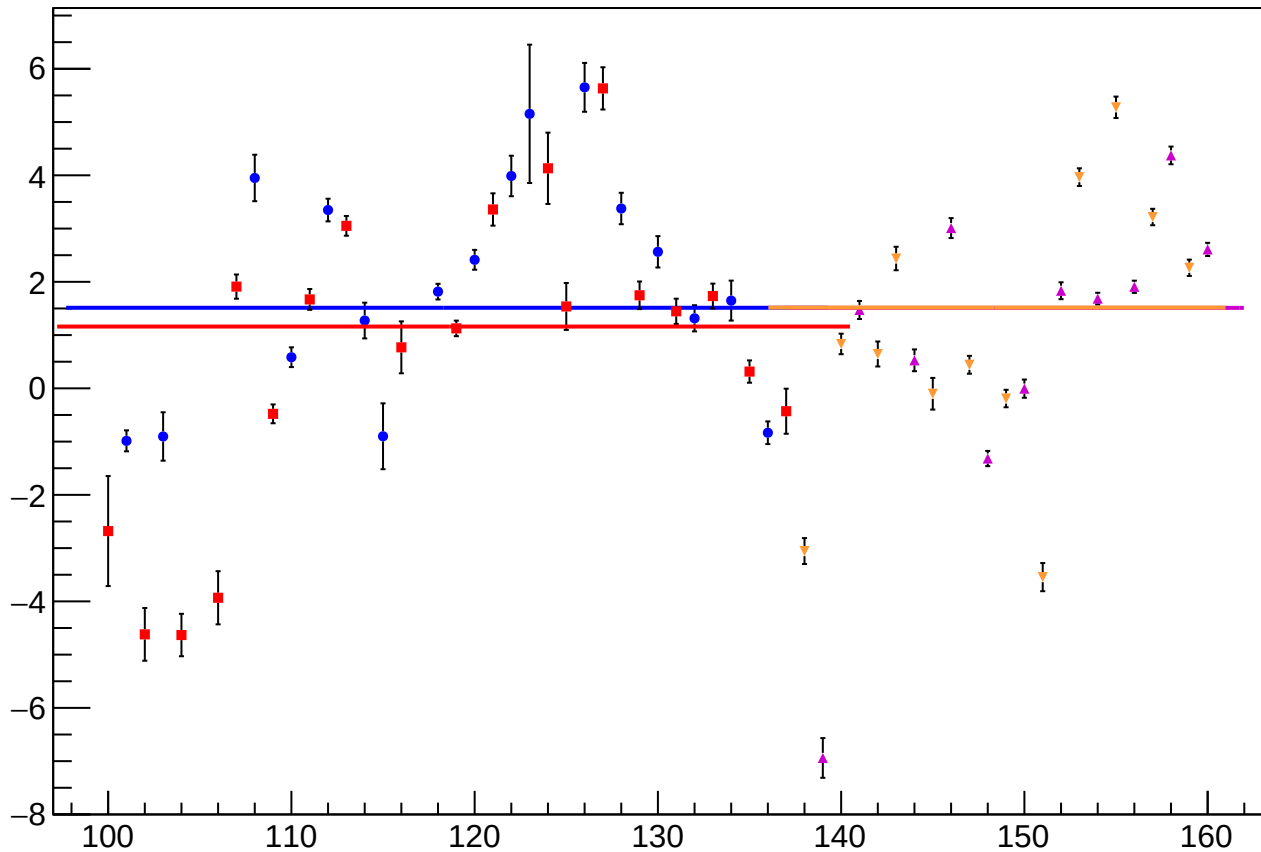
Left In: -18.833+/-0.066 χ^2/NDF : 36127.1/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.911+/-0.050 χ^2/NDF : 88019.0/22

- 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: 1.517 ± 0.055 χ^2/NDF : 1653.9/11

Right Out: 1.160 ± 0.060 χ^2/NDF : 917.0/18

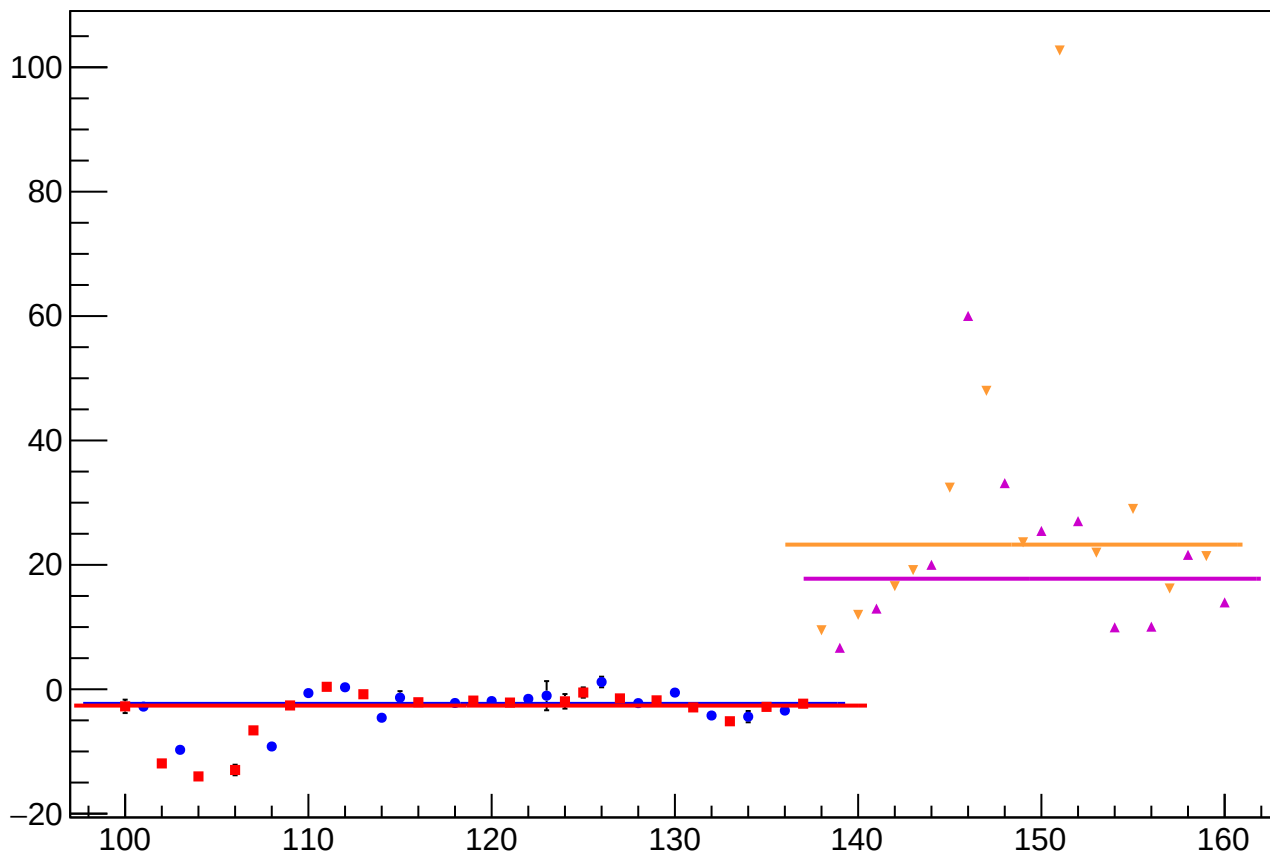
Left In: 1.511 ± 0.046 χ^2/NDF : 1465.6/10

+ sign 1.515 ± 0.041 χ^2/NDF : 2323.6/28

All: 1.440 ± 0.027 χ^2/NDF : 4733.7/58

- 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: 23.257 ± 0.076 χ^2/NDF : 44822.7/11

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

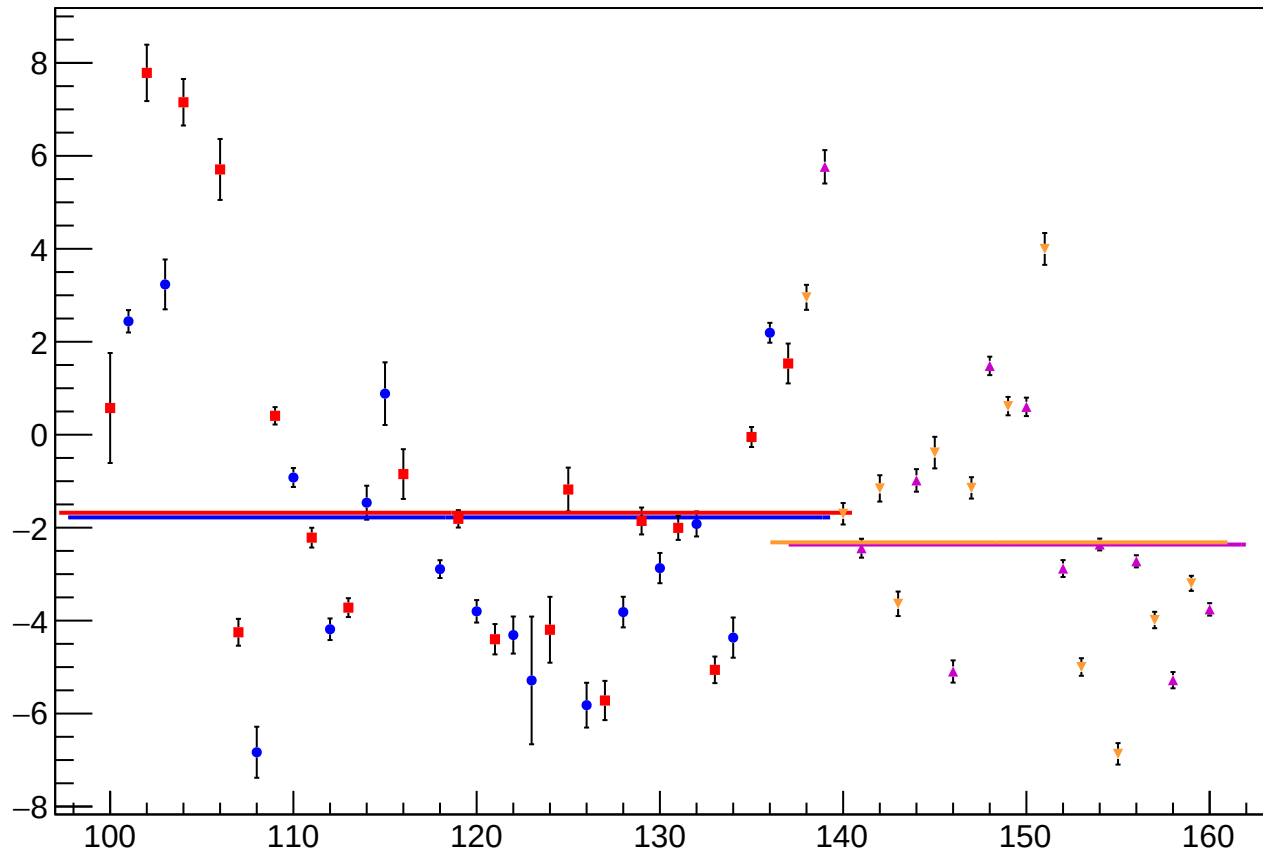
Left In: 17.774 ± 0.063 χ^2/NDF : 34034.9/10

+ sign 15.355 ± 0.063 χ^2/NDF : 79964.4/28

All: 13.523 ± 0.041 χ^2/NDF : 144647.0/58

- 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: -2.316 ± 0.065 χ^2/NDF : 1759.1/11

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

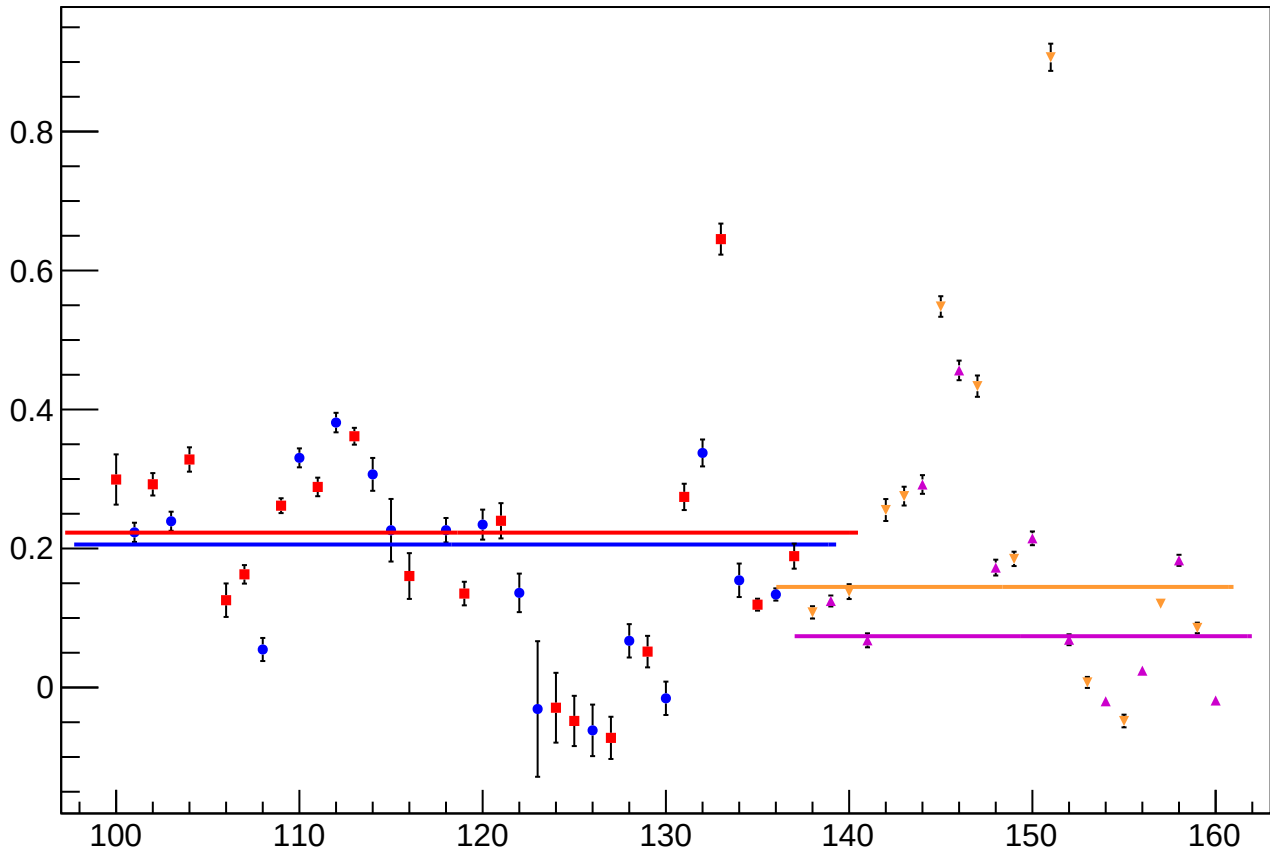
Left In: -2.363 ± 0.053 χ^2/NDF : 1675.7/10

+ sign -2.077 ± 0.048 χ^2/NDF : 3061.8/28

All: -2.093 ± 0.032 χ^2/NDF : 6230.2/58

- 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: 0.145 $\pm$ 0.003 χ^2 /NDF:3609.5/11

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 0.164 $\pm$ 0.002 χ^2 /NDF: 4401.9/28

All: 0.134 $\pm$ 0.002 χ^2 /NDF: 8959.0/58

- sign 0.113 $\pm$ 0.002 χ^2 /NDF: 4291.9/29