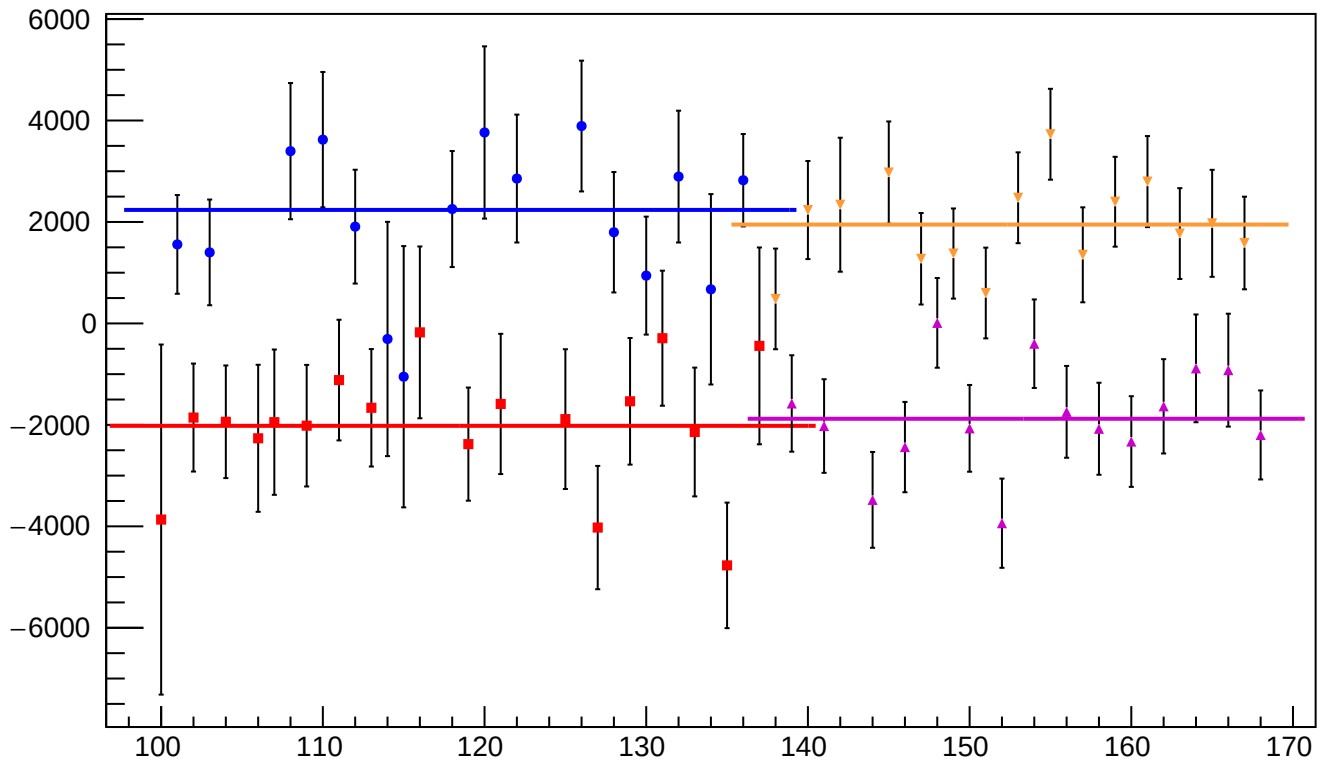


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

$\chi^2/\text{NDF}: 11.3/15$

+ sign 2057.002+/-192.491

$\chi^2/\text{NDF}: 24.5/30$

Left Out: 1948.782+/-243.343

$\chi^2/\text{NDF}: 12.7/14$

All: 16.609+/-134.522

$\chi^2/\text{NDF}: 275.4/63$

Right Out: -2018.625+/-308.362

$\chi^2/\text{NDF}: 12.6/17$

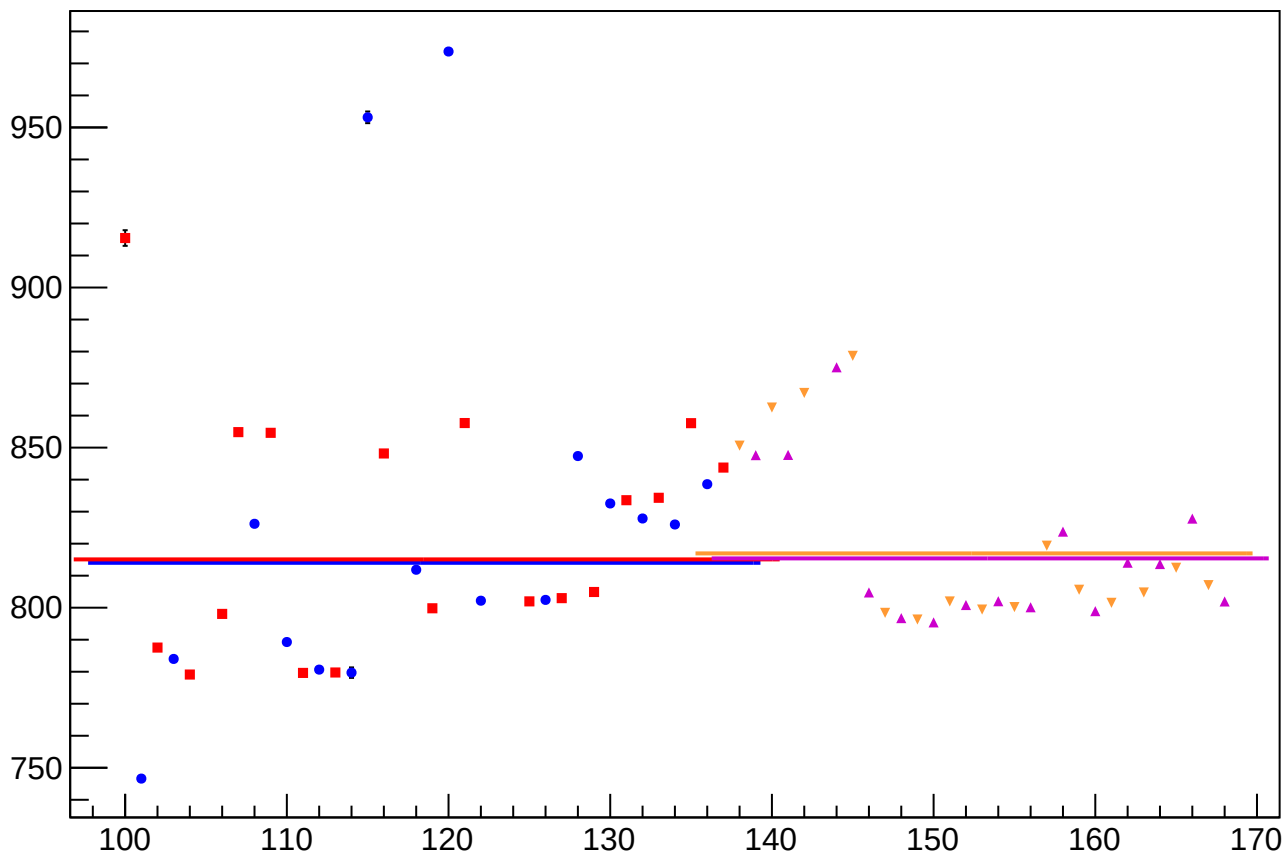
- sign -1931.169+/-188.072

$\chi^2/\text{NDF}: 31.2/32$

Left In: -1879.367+/-237.322

$\chi^2/\text{NDF}: 18.5/14$

dit_asym_us_avg_rms vs Slug



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

Left Out: 816.955 $\pm$ 0.172 χ^2 /NDF:22665.1/14

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

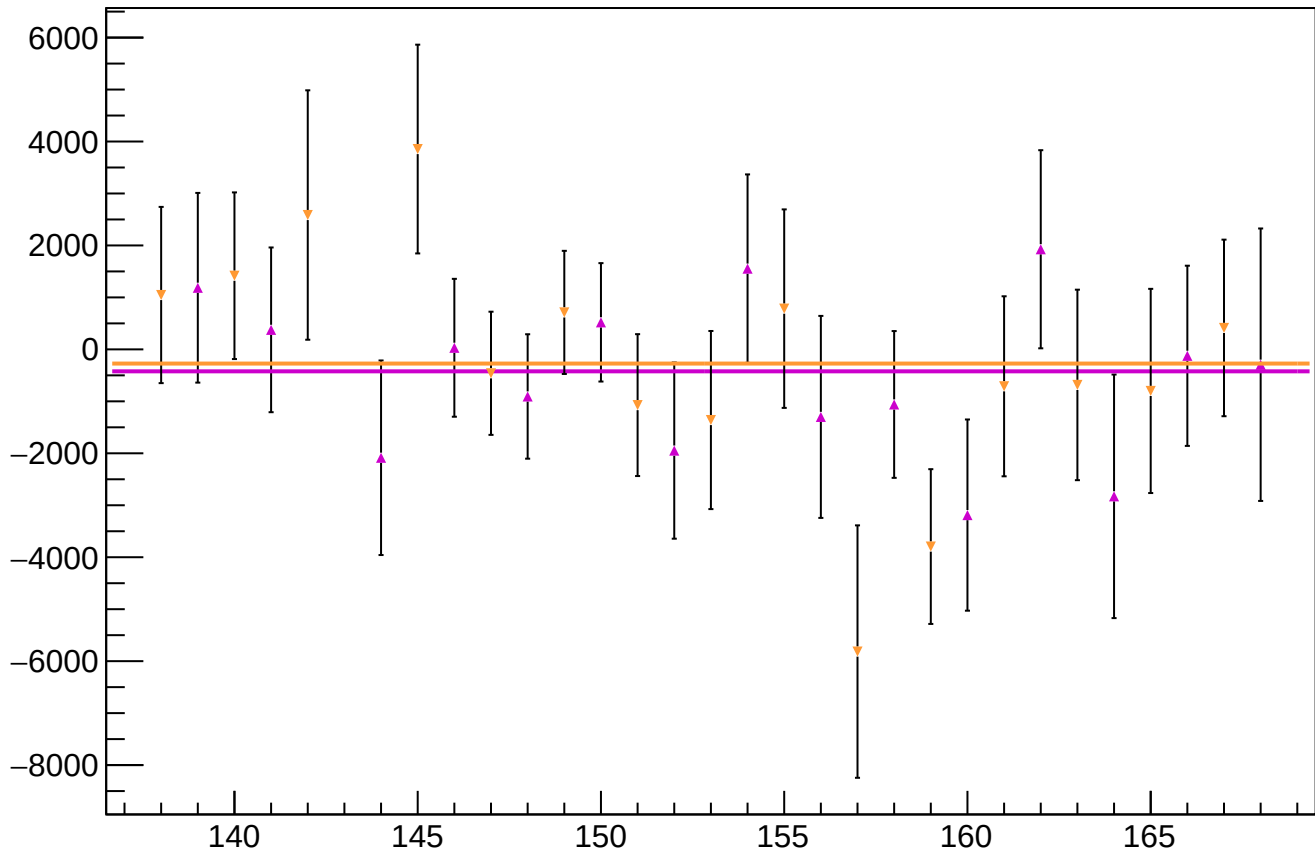
Left In: 815.394 $\pm$ 0.168 χ^2 /NDF:18178.3/14

+ sign 815.857 $\pm$ 0.136 χ^2 /NDF: 64815.6/30

All: 815.561 $\pm$ 0.095 χ^2 /NDF: 102963.7/63

- sign 815.279 $\pm$ 0.133 χ^2 /NDF: 38138.9/32

asym_us_avg_correction_mean vs Slug



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

Left Out: -273.133 $\pm$ 422.930 χ^2 /NDF:20.3/14

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

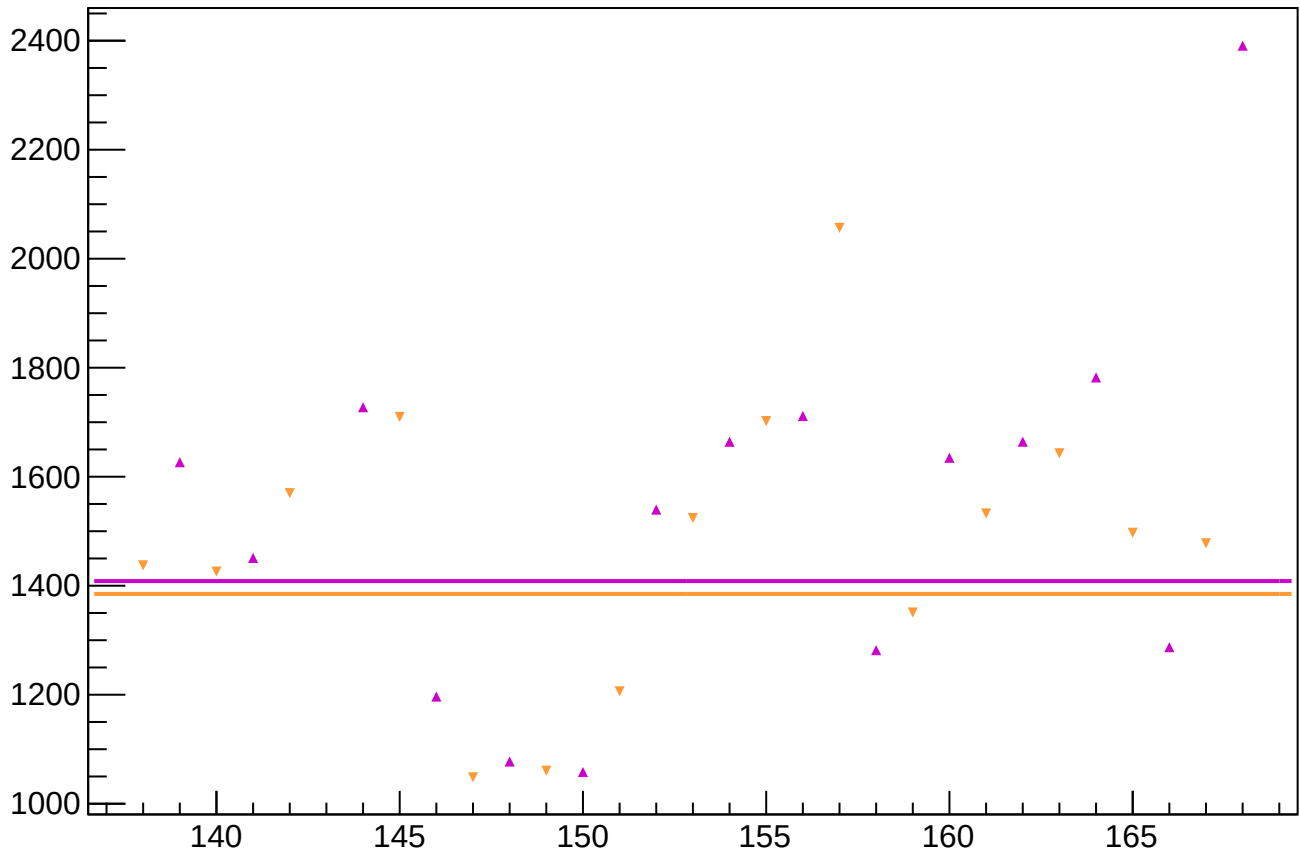
Left In: -422.636 $\pm$ 420.014 χ^2 /NDF:10.1/14

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

All: -348.402 $\pm$ 298.020 χ^2 /NDF: 30.4/29

- sign 0.000 $\pm$ 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: 1384.971+/-0.299 χ^2/NDF : 701716.0/14

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

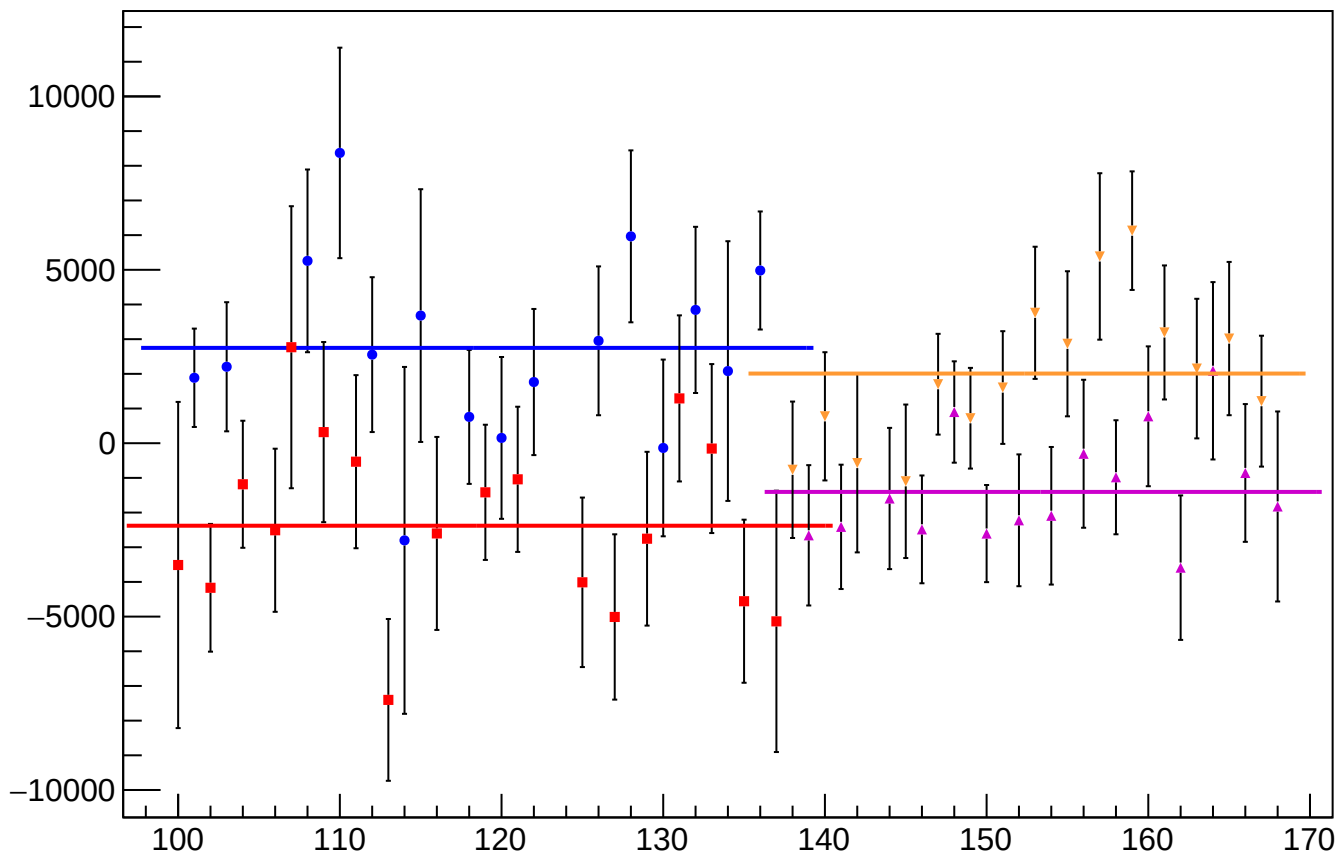
Left In: 1408.535+/-0.297 χ^2/NDF : 1005200.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.835+/-0.211 χ^2/NDF : 1710042.2/29

- 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: 2008.416 $\pm$ 484.937 χ^2 /NDF: 15.9/14

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

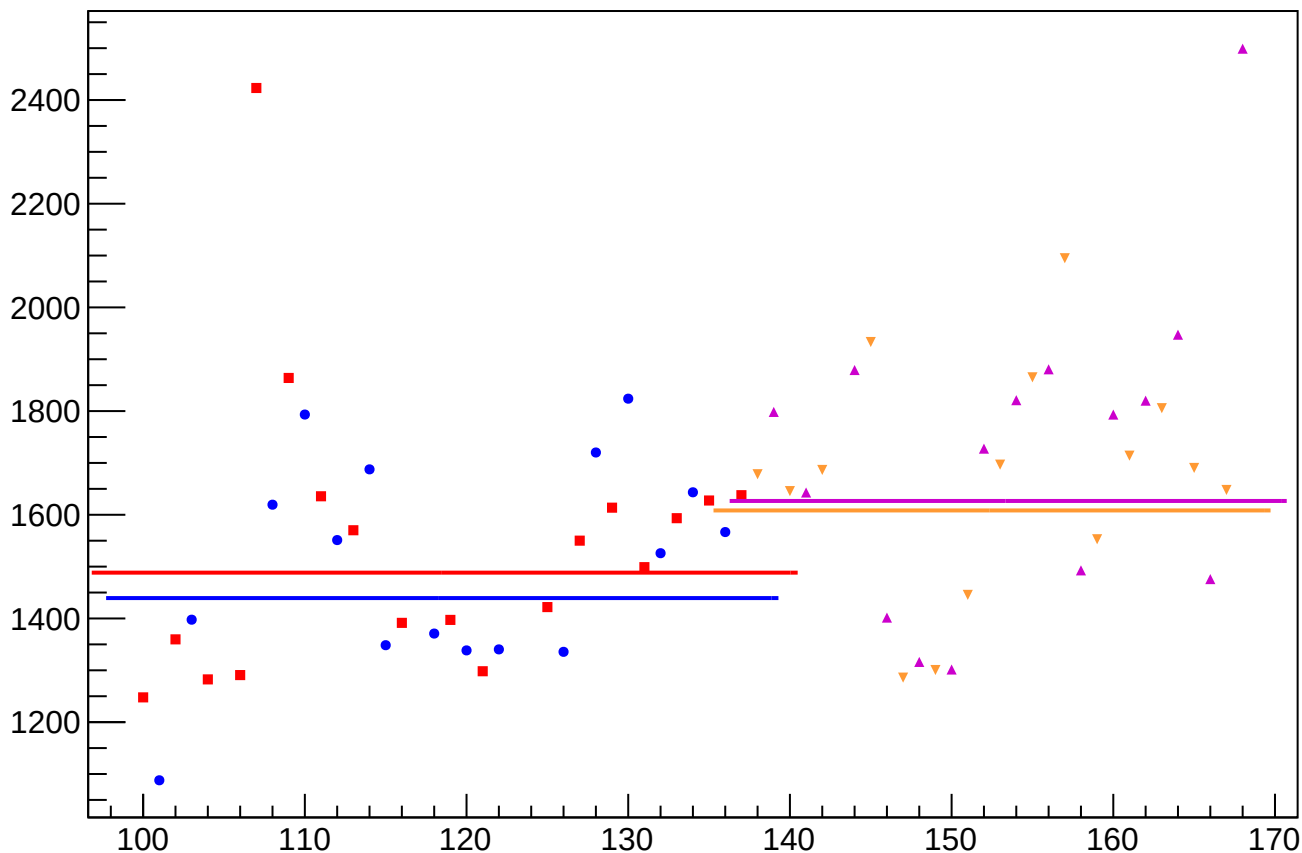
Left In: -1404.464 $\pm$ 480.863 χ^2 /NDF: 9.3/14

+ sign 2323.786 $\pm$ 367.412 χ^2 /NDF: 30.4/30

All: 255.717 $\pm$ 259.748 χ^2 /NDF: 121.0/63

- sign -1810.706 $\pm$ 367.266 χ^2 /NDF: 27.2/32

asym_us_avg_rms vs Slug



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

Left Out: 1608.360 $\pm$ 0.343 χ^2 /NDF: 404272.4/14

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

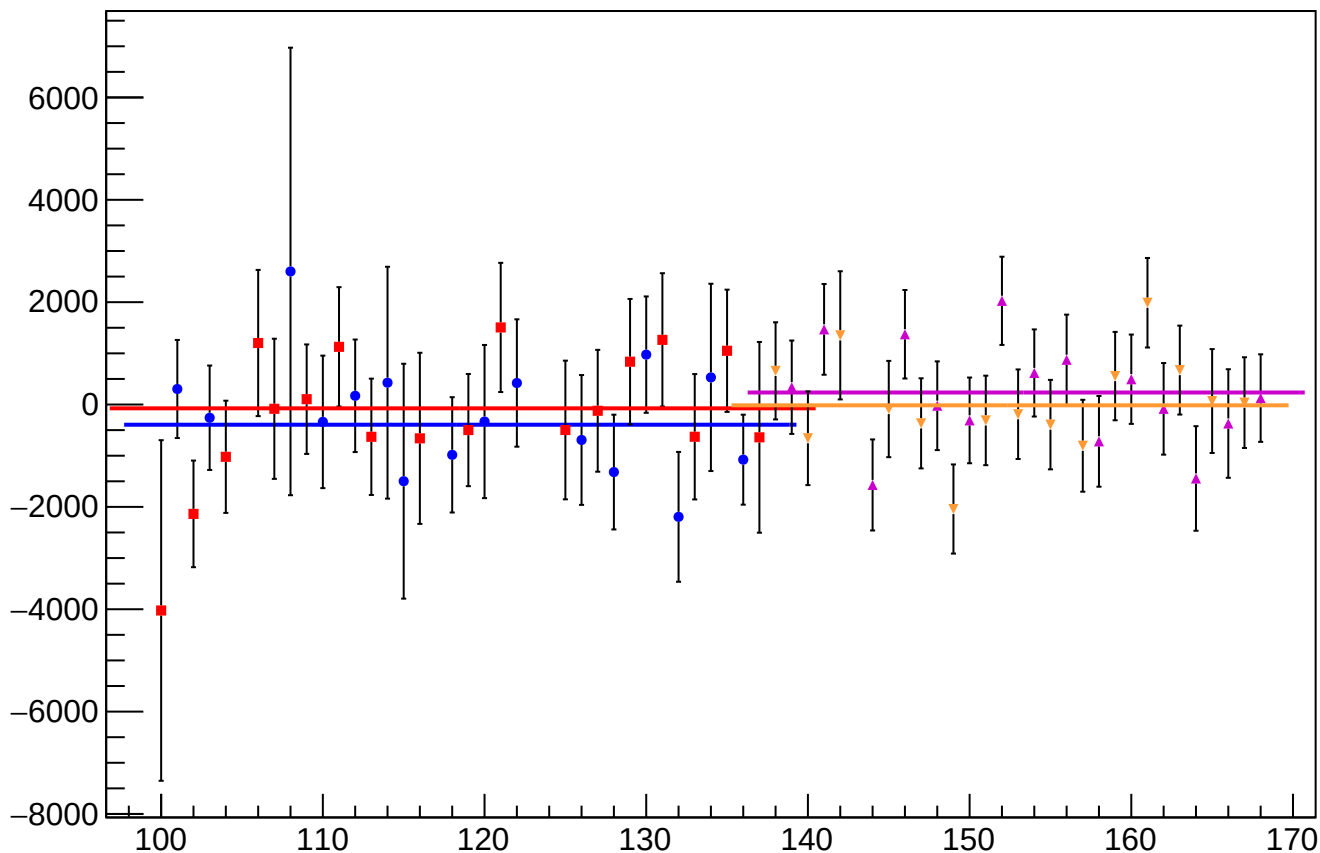
Left In: 1626.642 $\pm$ 0.340 χ^2 /NDF: 628295.9/14

+ sign 1536.359 $\pm$ 0.260 χ^2 /NDF: 785636.4/30

All: 1552.703 $\pm$ 0.184 χ^2 /NDF: 1747058.8/63

- sign 1569.034 $\pm$ 0.260 χ^2 /NDF: 953510.2/32

dit_asym_us_dd_mean vs Slug



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

Left Out: -15.323 ± 235.321 χ^2/NDF : 15.2/14

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

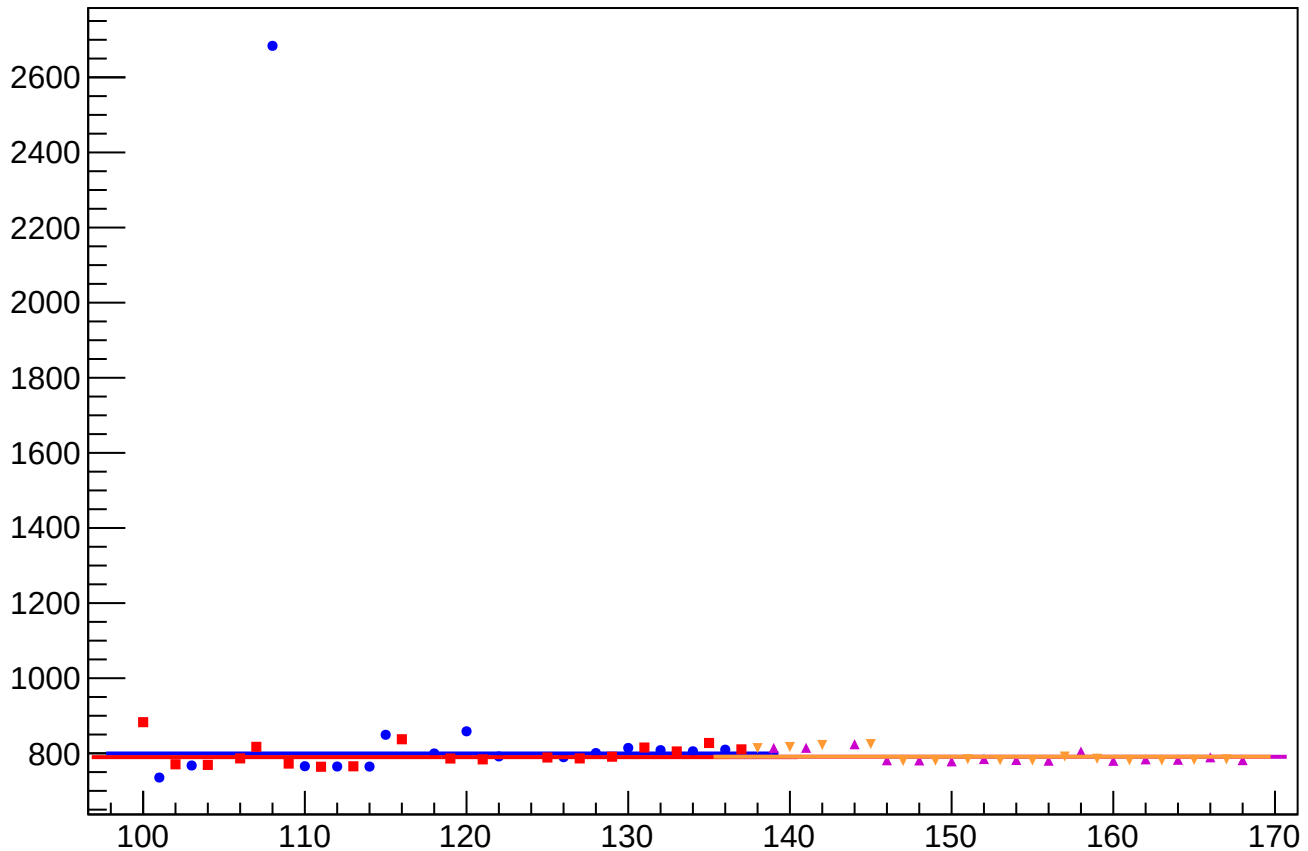
Left In: 235.090 ± 230.068 χ^2/NDF : 17.8/14

+ sign -152.105 ± 188.130 χ^2/NDF : 23.6/30

All: -11.829 ± 130.881 χ^2/NDF : 56.0/63

- sign 119.745 ± 182.201 χ^2/NDF : 31.4/32

dit_asym_us_dd_rms vs Slug



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

Left Out: 791.014 $\pm$ 0.166 χ^2 /NDF: 8695.8/14

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

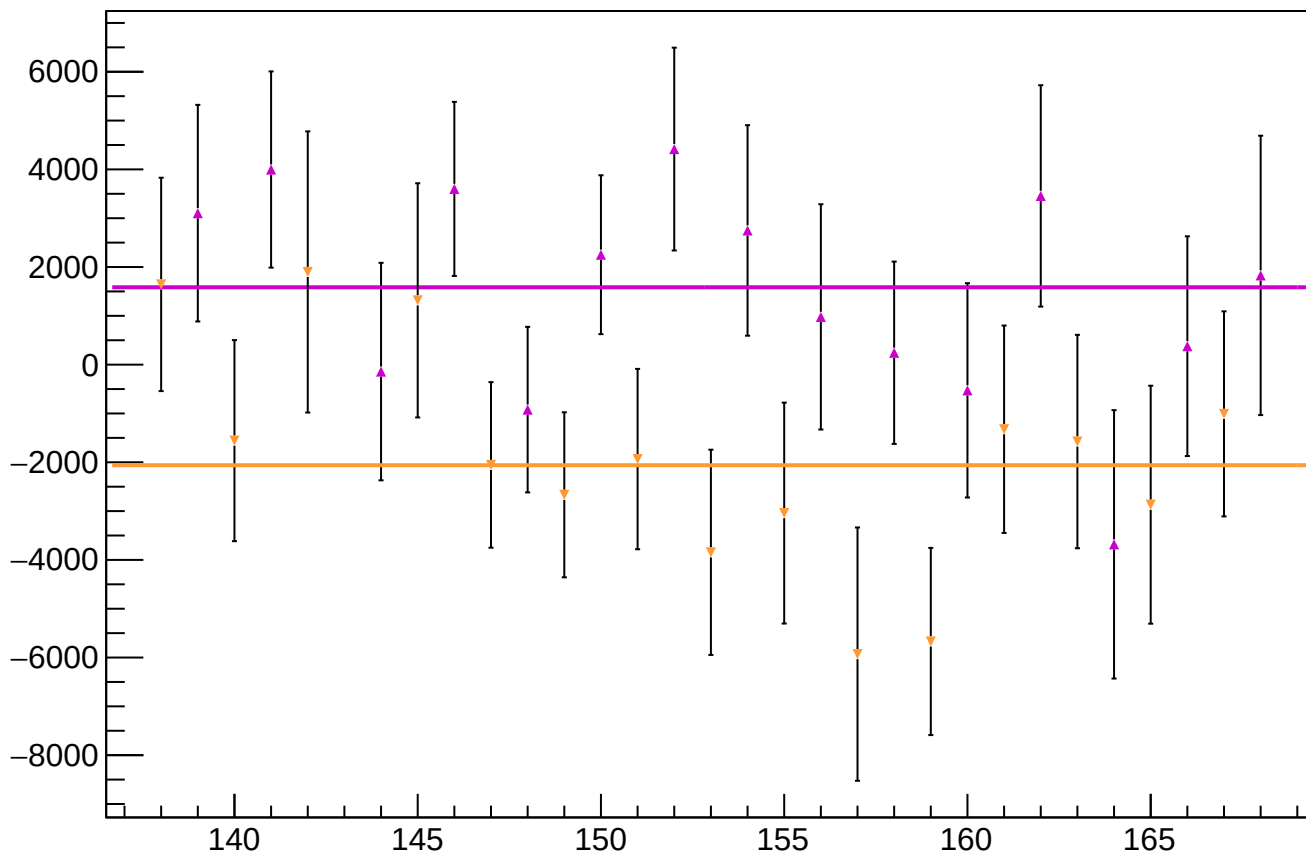
Left In: 790.763 $\pm$ 0.163 χ^2 /NDF: 8364.6/14

+ sign 794.090 $\pm$ 0.133 χ^2 /NDF: 400828.5/30

All: 792.187 $\pm$ 0.093 χ^2 /NDF: 420777.9/63

- sign 790.402 $\pm$ 0.129 χ^2 /NDF: 19552.8/32

asym_us_dd_correction_mean vs Slug



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

Left Out: -2060.048+/-542.484 χ^2/NDF : 14.1/14

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

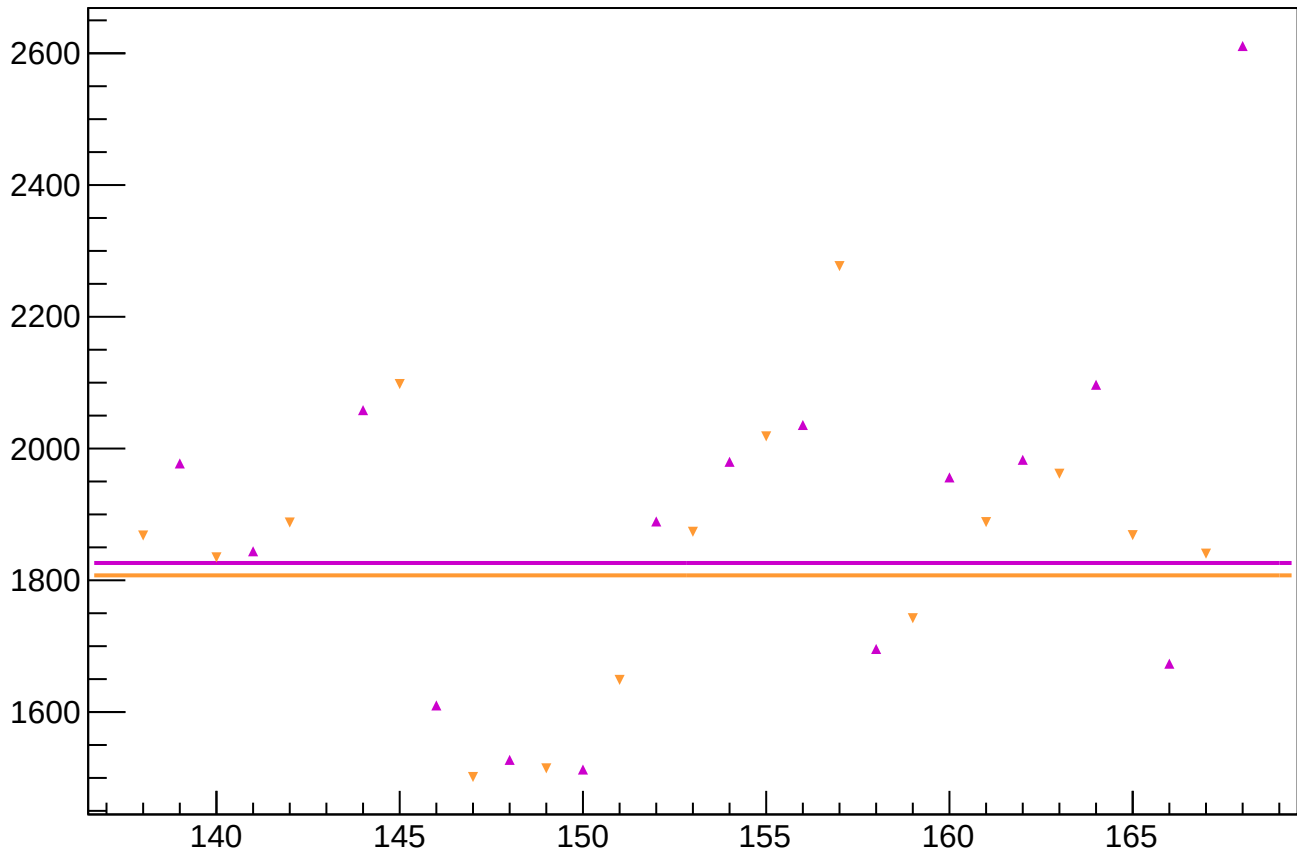
Left In: 1585.150+/-537.049 χ^2/NDF : 14.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.096+/-381.658 χ^2/NDF : 51.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_correction_rms vs Slug



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

Left Out: 1807.498+/-0.384 χ^2/NDF : 274432.4/14

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

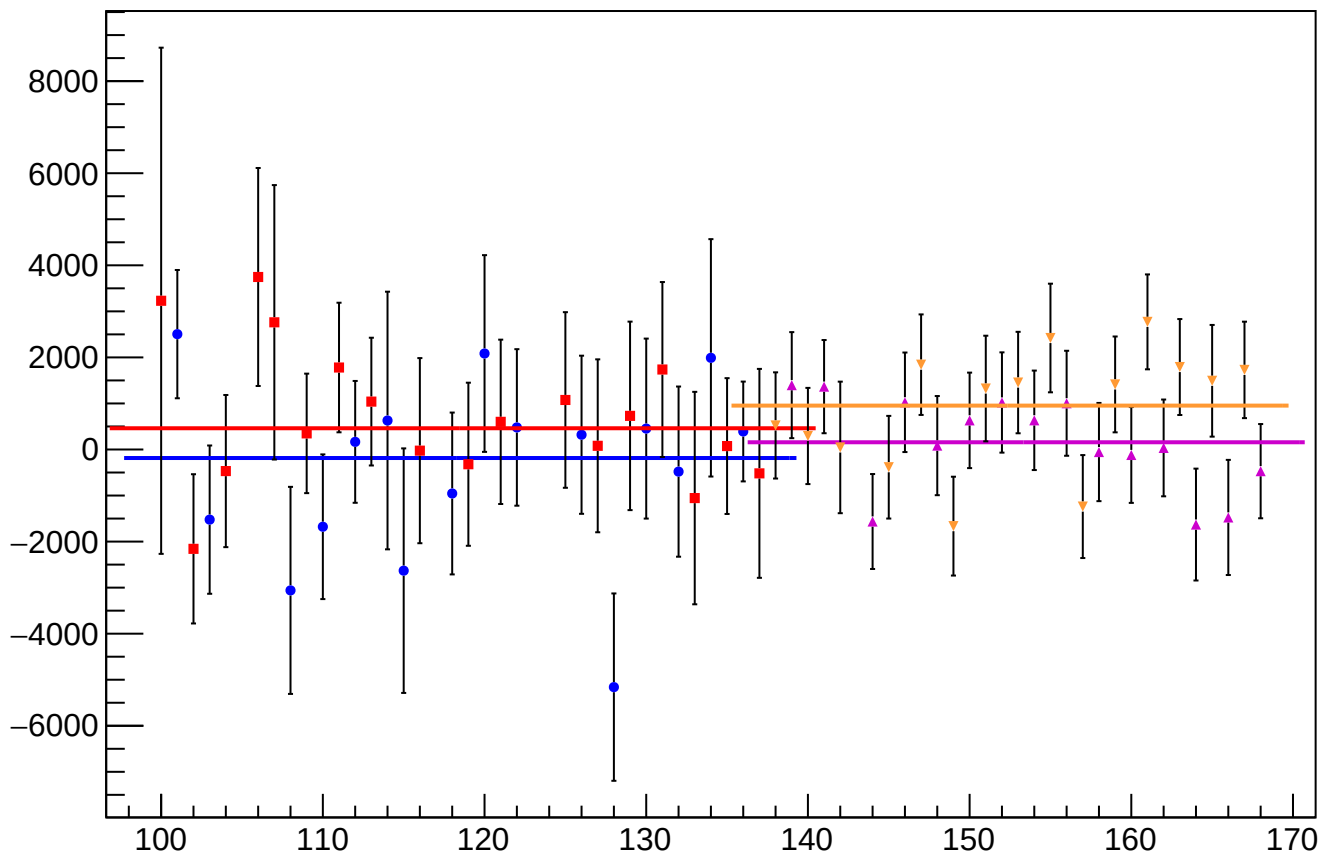
Left In: 1826.289+/-0.380 χ^2/NDF : 430699.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1816.988+/-0.270 χ^2/NDF : 706343.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_mean vs Slug



Right In: -185.054 ± 431.495 $\chi^2/\text{NDF}: 16.6/15$

Left Out: 953.235 ± 286.885 $\chi^2/\text{NDF}: 19.4/14$

Right Out: 461.253 ± 426.921 $\chi^2/\text{NDF}: 8.3/17$

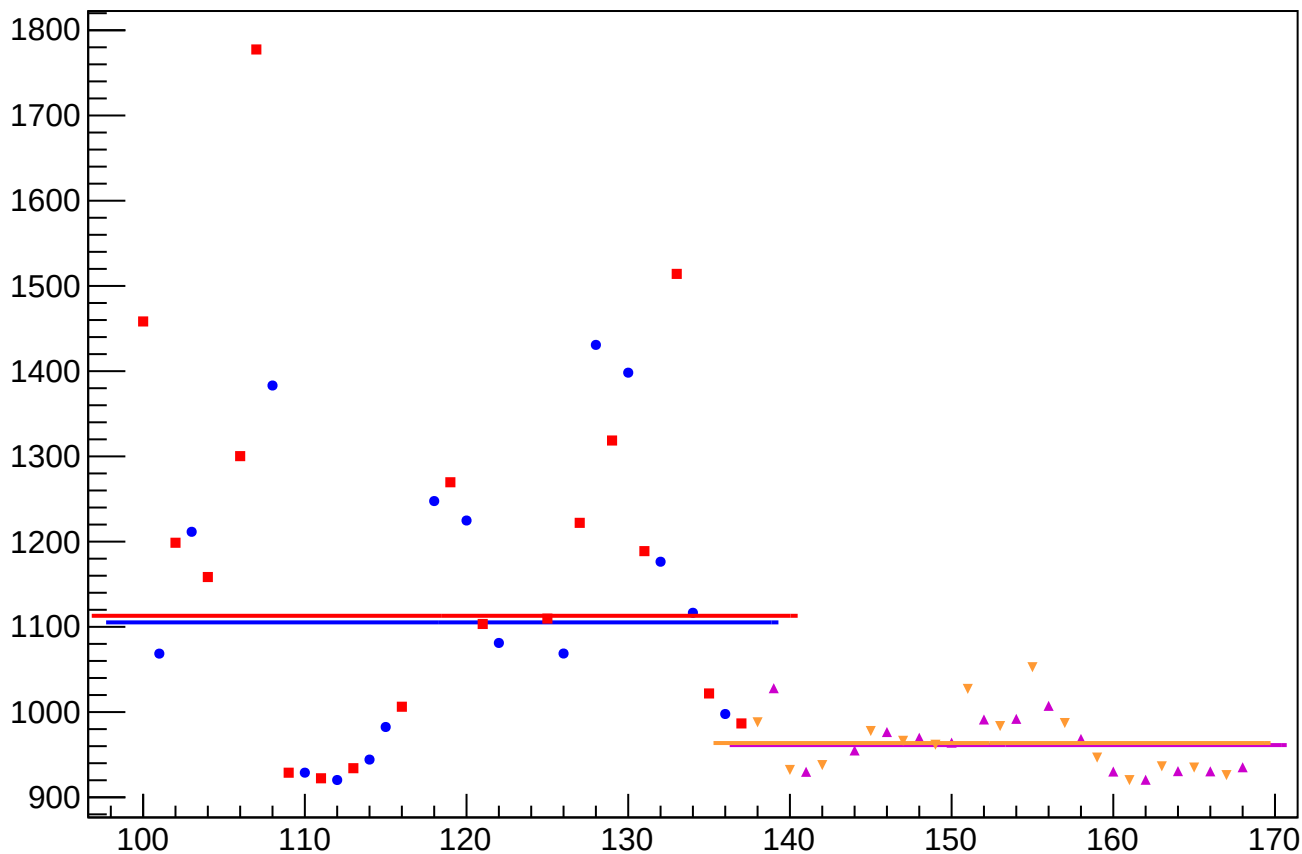
Left In: 156.992 ± 279.831 $\chi^2/\text{NDF}: 12.0/14$

+ sign 604.305 ± 238.901 $\chi^2/\text{NDF}: 40.9/30$

All: 422.706 ± 167.182 $\chi^2/\text{NDF}: 62.6/63$

- sign 248.428 ± 234.036 $\chi^2/\text{NDF}: 20.7/32$

asym_us_dd_rms vs Slug



Right In: 1105.236 ± 0.305 $\chi^2/\text{NDF}: 255366.2/15$

Left Out: 963.670 ± 0.203 $\chi^2/\text{NDF}: 31938.1/14$

Right Out: 1112.974 ± 0.302 $\chi^2/\text{NDF}: 362995.4/17$

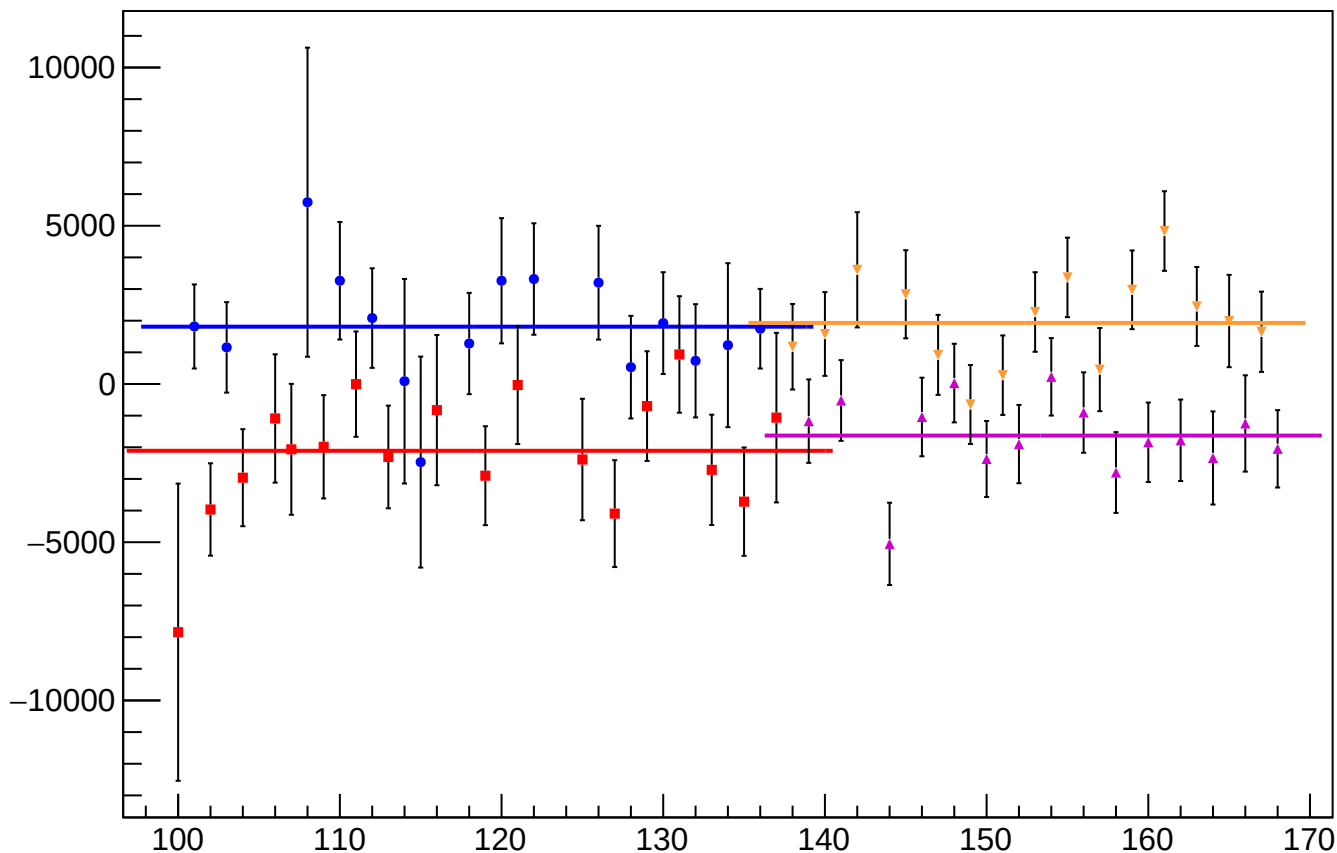
Left In: 961.267 ± 0.198 $\chi^2/\text{NDF}: 24302.5/14$

+ sign 1007.065 ± 0.169 $\chi^2/\text{NDF}: 436589.7/30$

All: 1006.959 ± 0.118 $\chi^2/\text{NDF}: 1000541.8/63$

- sign 1006.858 ± 0.165 $\chi^2/\text{NDF}: 563951.3/32$

dit_asym_usl_mean vs Slug



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

Left Out: 1930.240+/-339.086 χ^2/NDF : 17.2/14

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

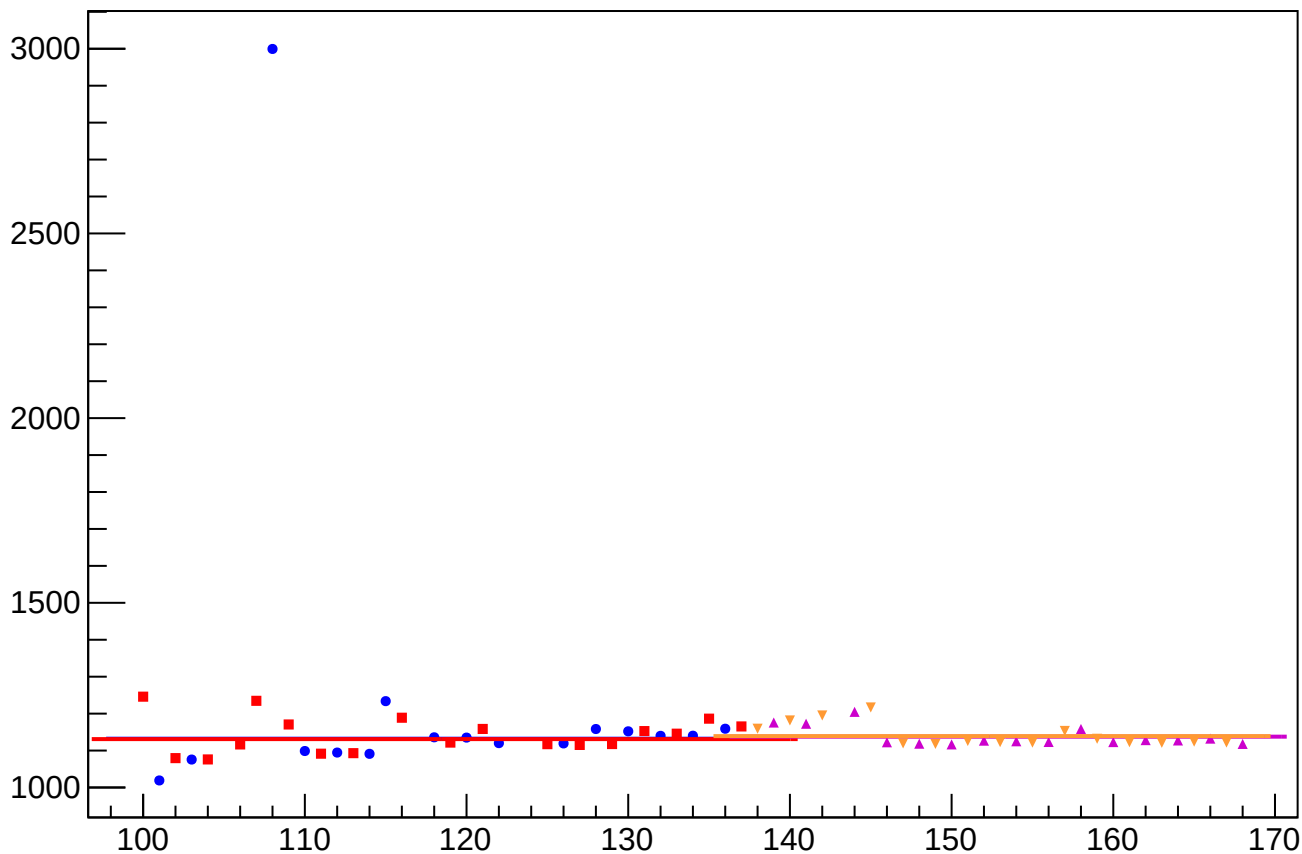
Left In: -1630.536+/-331.042 χ^2/NDF : 14.2/14

+ sign 1886.100+/-269.068 χ^2/NDF : 23.7/30

All: -12.961+/-187.631 χ^2/NDF : 148.6/63

- sign -1810.552+/-261.781 χ^2/NDF : 28.0/32

dit_asym_usl_rms vs Slug



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

Left Out: 1139.083 $\pm$ 0.240 χ^2 /NDF: 14247.2/14

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

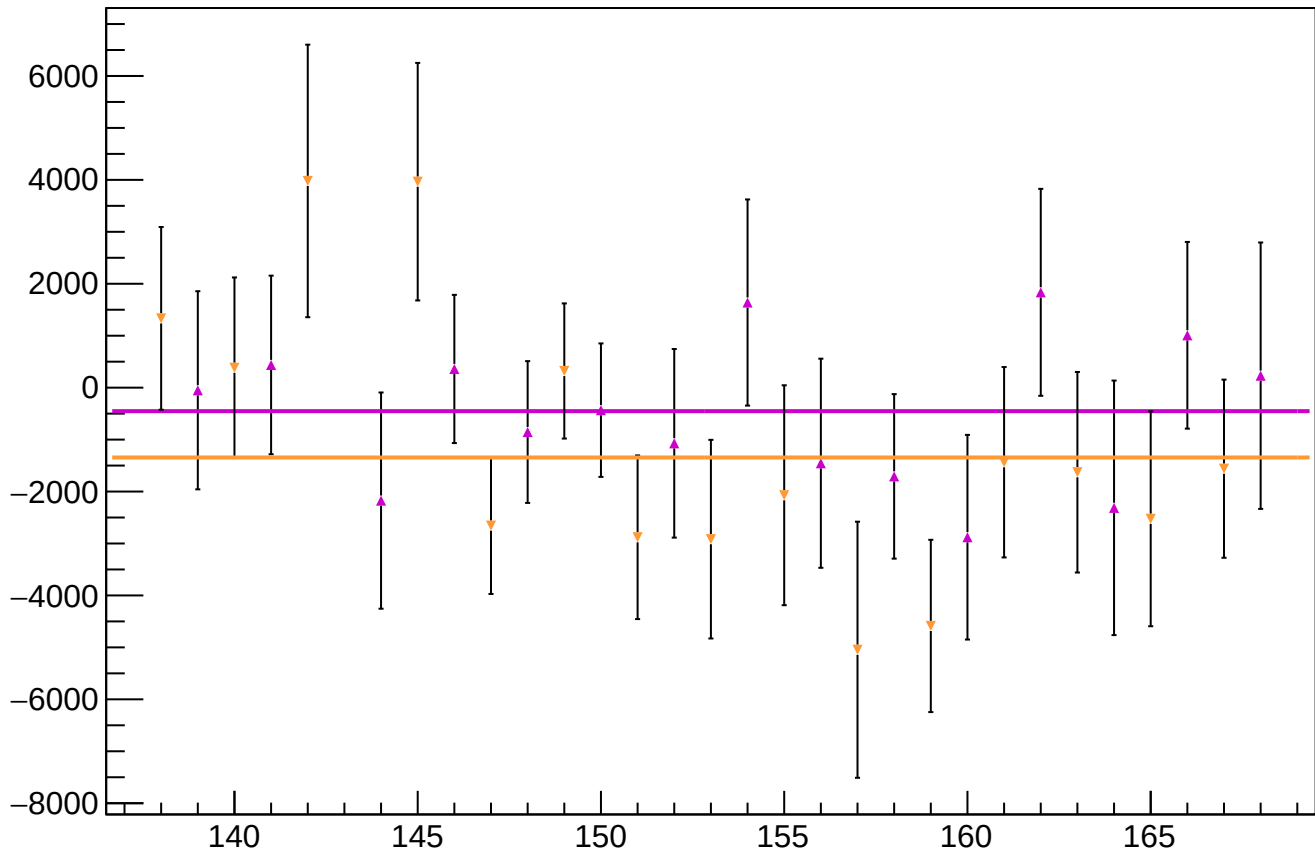
Left In: 1137.642 $\pm$ 0.234 χ^2 /NDF: 12064.6/14

+ sign 1136.488 $\pm$ 0.190 χ^2 /NDF: 330589.9/30

All: 1135.805 $\pm$ 0.133 χ^2 /NDF: 362698.9/63

- sign 1135.160 $\pm$ 0.185 χ^2 /NDF: 32083.9/32

asym_usl_correction_mean vs Slug



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

Left Out: -1344.129+/-459.951 χ^2/NDF : 23.6/14

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

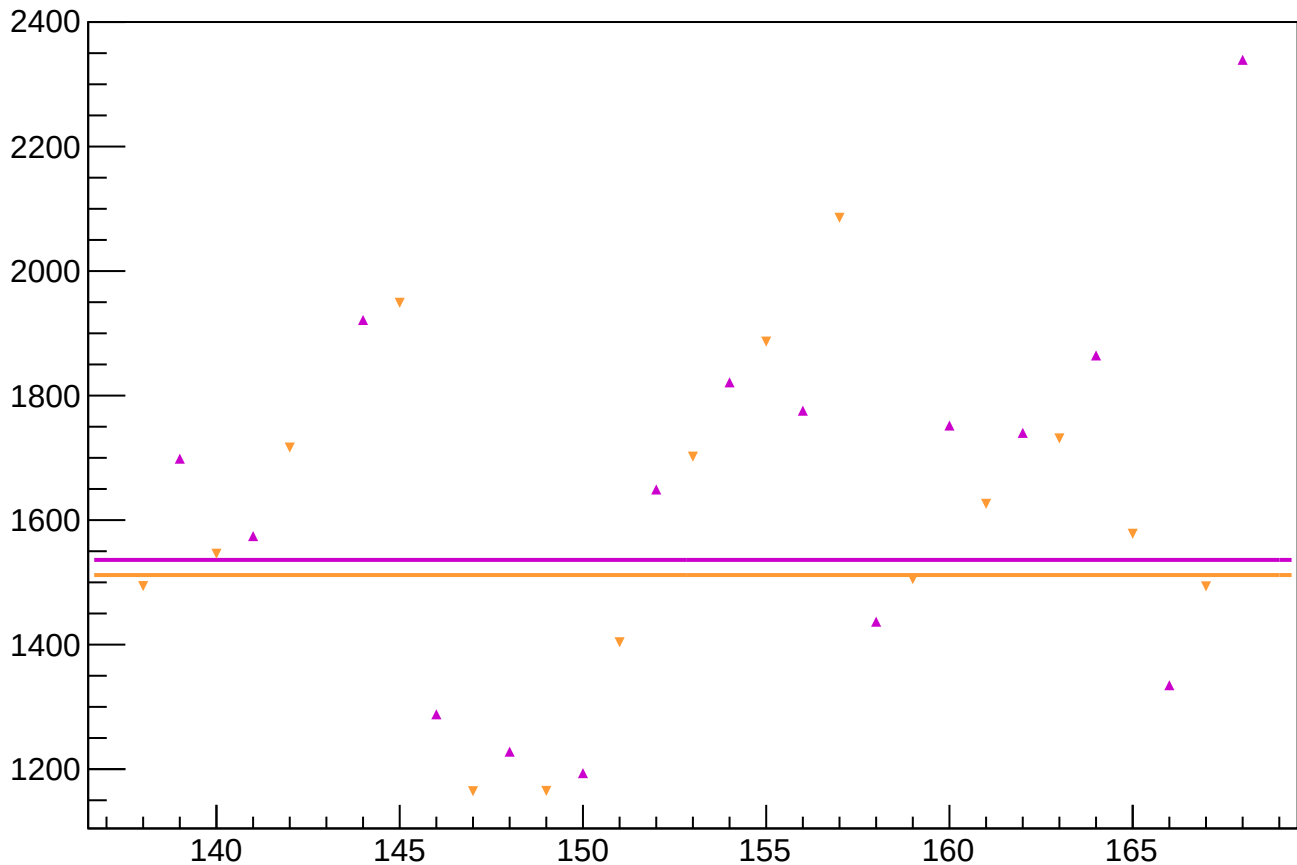
Left In: -452.248+/-455.533 χ^2/NDF : 7.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -893.885+/-323.661 χ^2/NDF : 33.2/29

- 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: 1511.749+/-0.325 χ^2/NDF : 603859.4/14

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

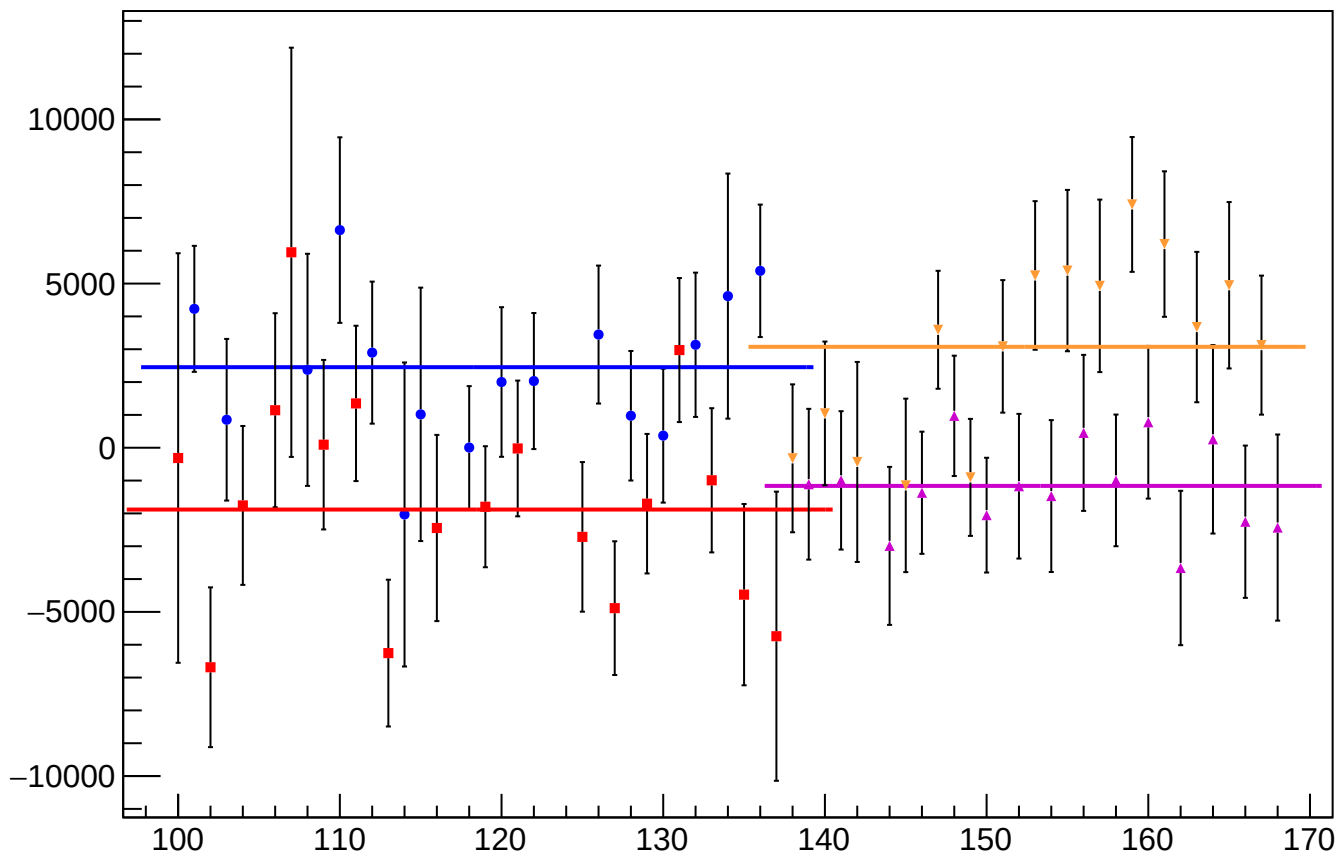
Left In: 1536.074+/-0.322 χ^2/NDF : 776057.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1524.029+/-0.229 χ^2/NDF : 1382740.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



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

Left Out: 3073.333 ± 573.230 χ^2/NDF : 21.5/14

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

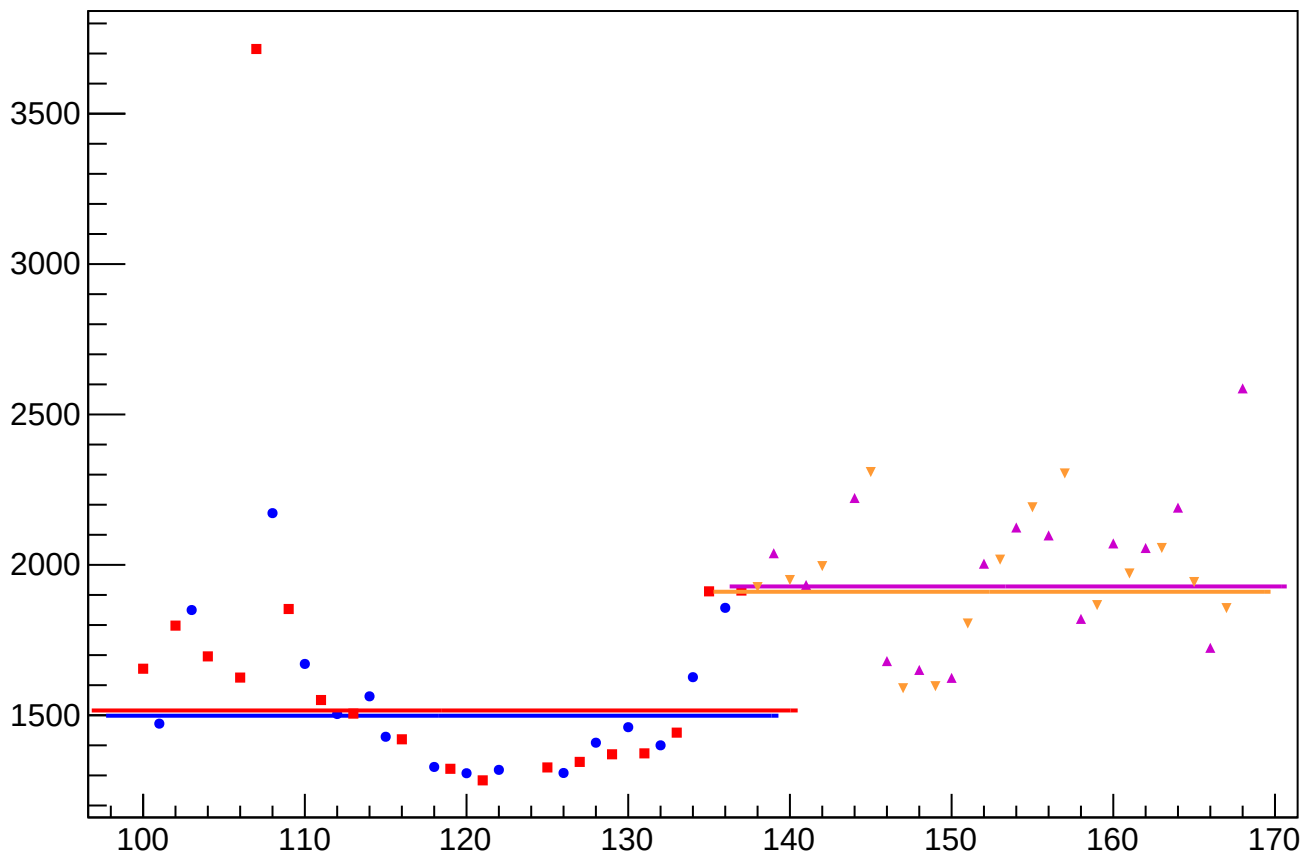
Left In: -1162.300 ± 566.341 χ^2/NDF : 5.2/14

+ sign 2769.431 ± 409.195 χ^2/NDF : 32.8/30

All: 613.473 ± 288.312 χ^2/NDF : 116.6/63

- sign -1511.971 ± 406.289 χ^2/NDF : 28.7/32

asym_usl_rms vs Slug



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

Left Out: 1910.622+/-0.405 χ^2/NDF : 266588.2/14

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

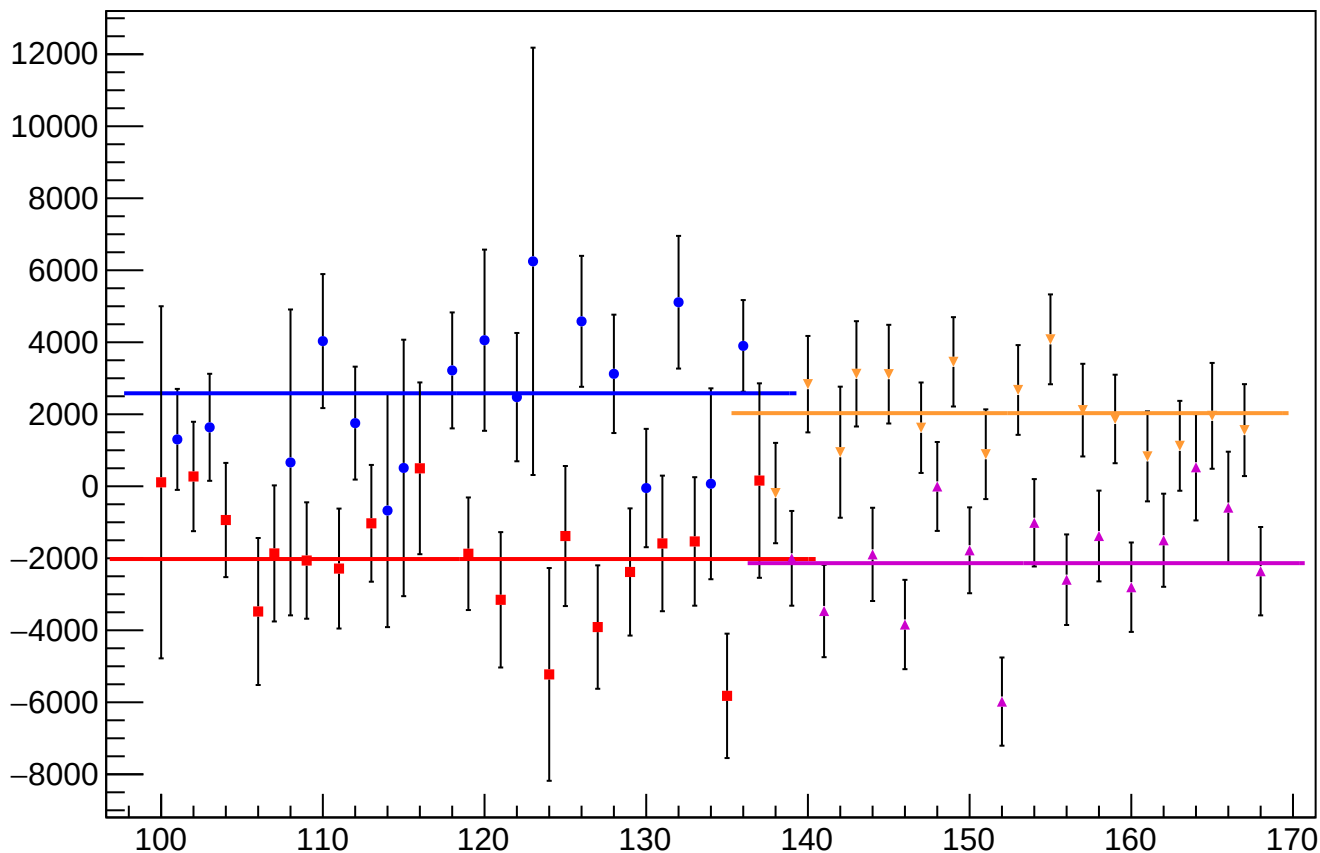
Left In: 1928.259+/-0.400 χ^2/NDF : 362689.1/14

+ sign 1708.497+/-0.289 χ^2/NDF : 1032425.8/30

All: 1718.391+/-0.204 χ^2/NDF : 2392467.7/63

- sign 1728.145+/-0.287 χ^2/NDF : 1357719.7/32

dit_asym_usr_mean vs Slug



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

Left Out: 2031.316 $\pm$ 329.512 χ^2 /NDF: 11.3/15

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

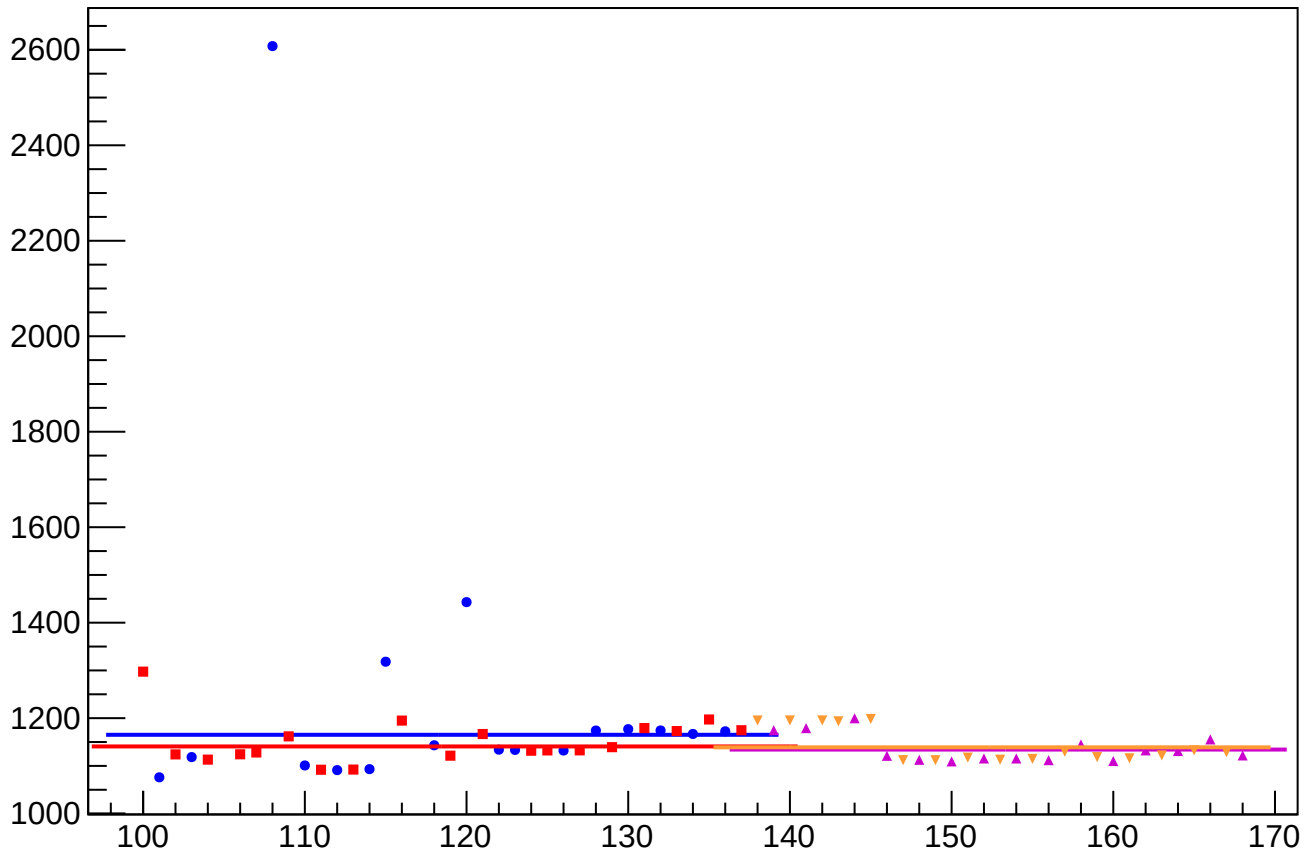
Left In: -2135.431 $\pm$ 330.065 χ^2 /NDF: 22.1/14

+ sign 2222.102 $\pm$ 266.512 χ^2 /NDF: 24.5/32

All: 20.445 $\pm$ 186.505 χ^2 /NDF: 193.9/66

- sign -2092.501 $\pm$ 261.087 χ^2 /NDF: 35.6/33

dit_asym_usr_rms vs Slug



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

Left Out: 1138.911 $\pm$ 0.233 χ^2/NDF : 21172.4/15

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

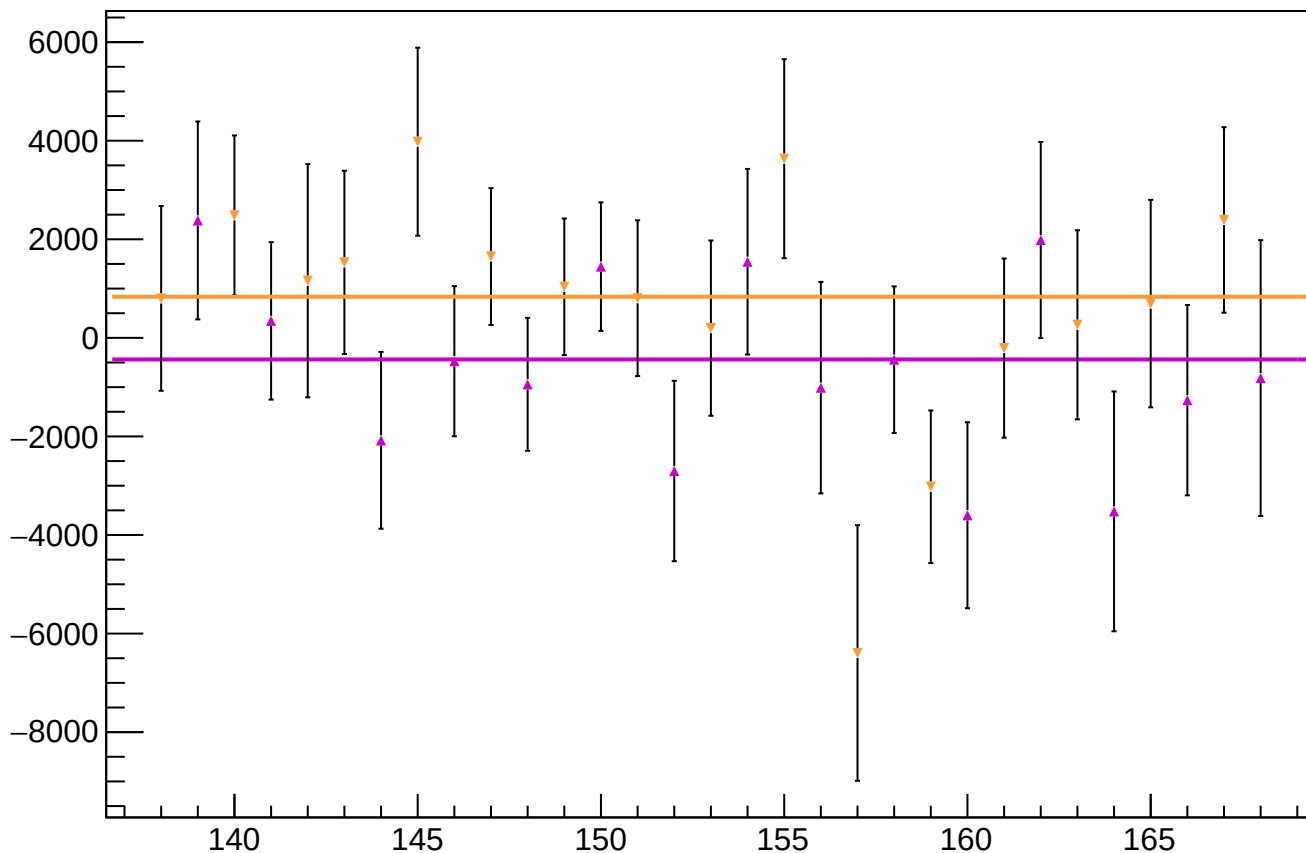
Left In: 1134.234 $\pm$ 0.233 χ^2/NDF : 14189.0/14

+ sign 1147.984 $\pm$ 0.188 χ^2/NDF : 304126.9/32

All: 1142.213 $\pm$ 0.132 χ^2/NDF : 333163.6/66

- sign 1136.674 $\pm$ 0.185 χ^2/NDF : 27198.5/33

asym_usr_correction_mean vs Slug



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

Left Out: 834.055 $\pm$ 444.671 χ^2 /NDF:21.4/15

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

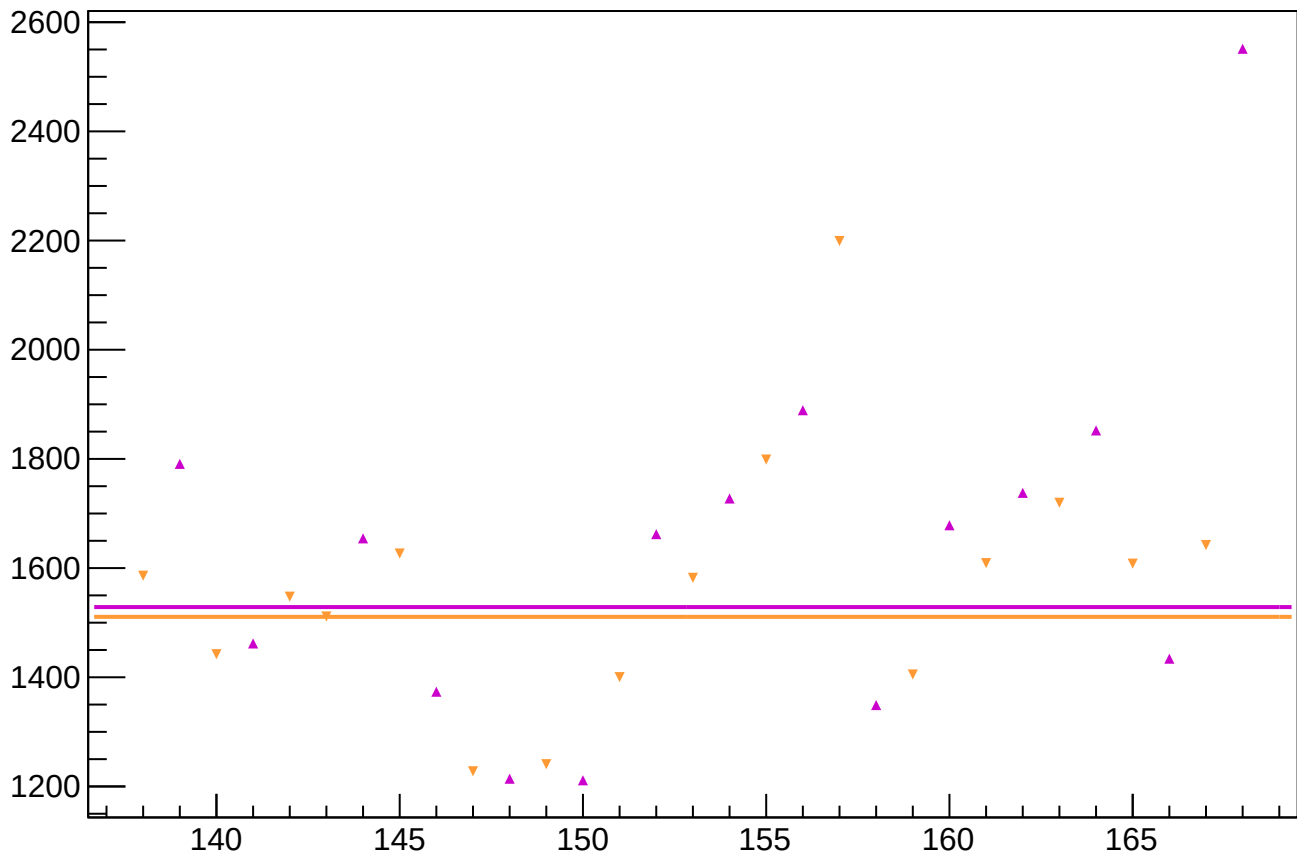
Left In: -437.706 $\pm$ 453.214 χ^2 /NDF:14.1/14

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

All: 210.273 $\pm$ 317.407 χ^2 /NDF: 39.5/30

- sign 0.000 $\pm$ 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: 1510.692+/-0.314 χ^2/NDF : 421232.7/15

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

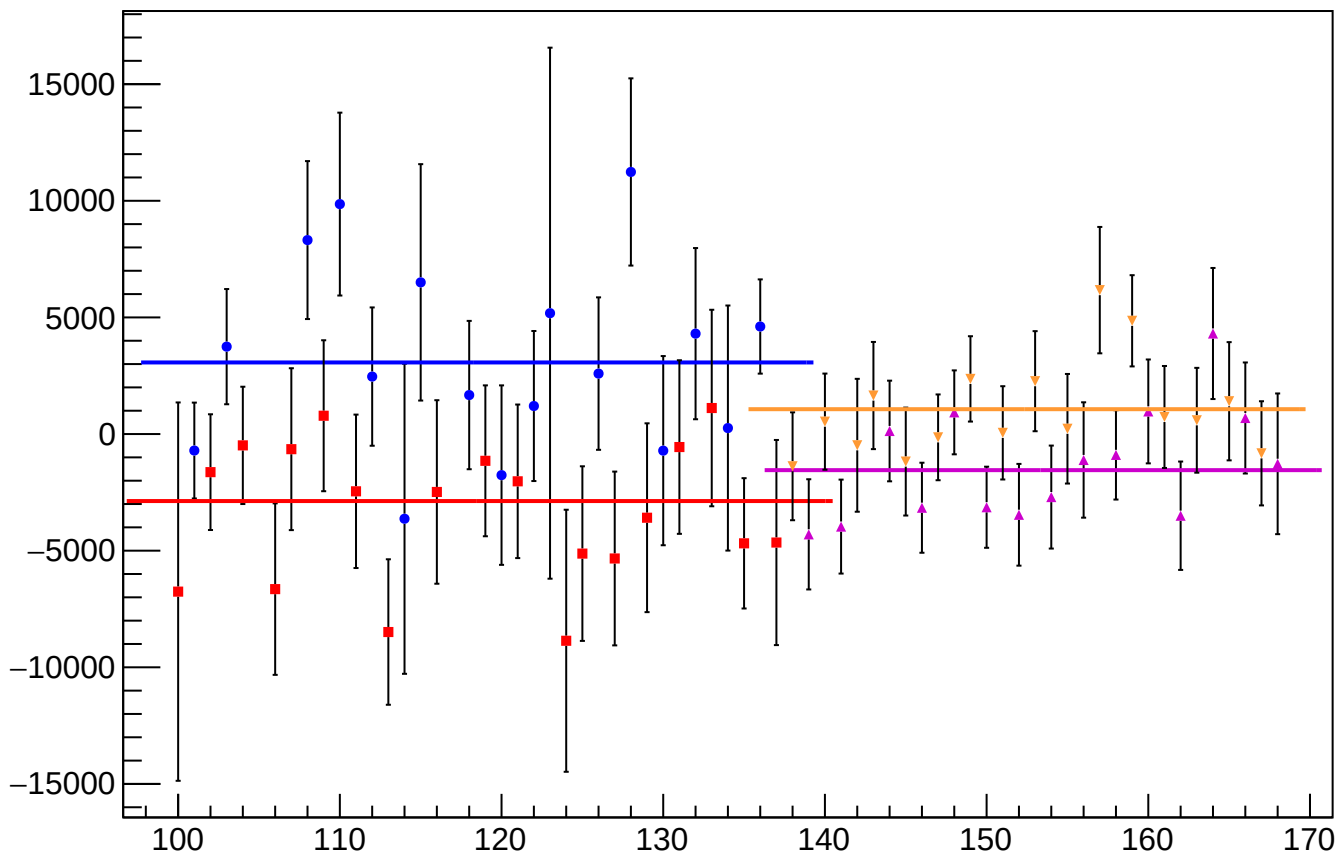
Left In: 1528.585+/-0.320 χ^2/NDF : 756142.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1519.468+/-0.224 χ^2/NDF : 1178963.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



Right In: 3069.484 ± 797.741 χ^2/NDF : 18.5/16

Left Out: 1065.660 ± 548.286 χ^2/NDF : 12.2/15

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

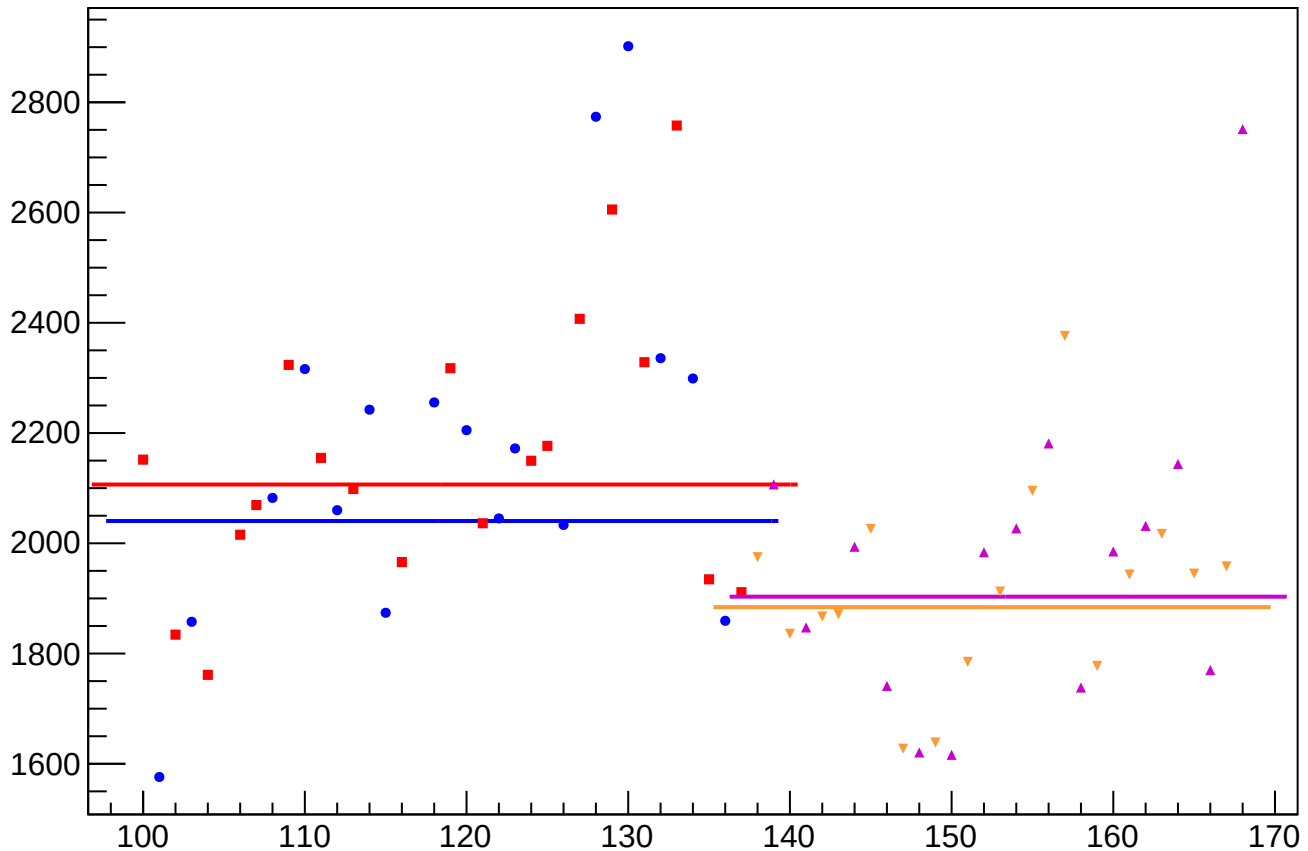
Left In: -1547.627 ± 558.967 χ^2/NDF : 15.3/14

+ sign 1708.542 ± 451.853 χ^2/NDF : 35.0/32

All: -116.351 ± 321.425 χ^2/NDF : 96.7/66

- sign -1985.692 ± 457.323 χ^2/NDF : 28.7/33

asym_usr_rms vs Slug



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

Left Out: 1884.157+/-0.388 χ^2/NDF : 192001.5/15

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

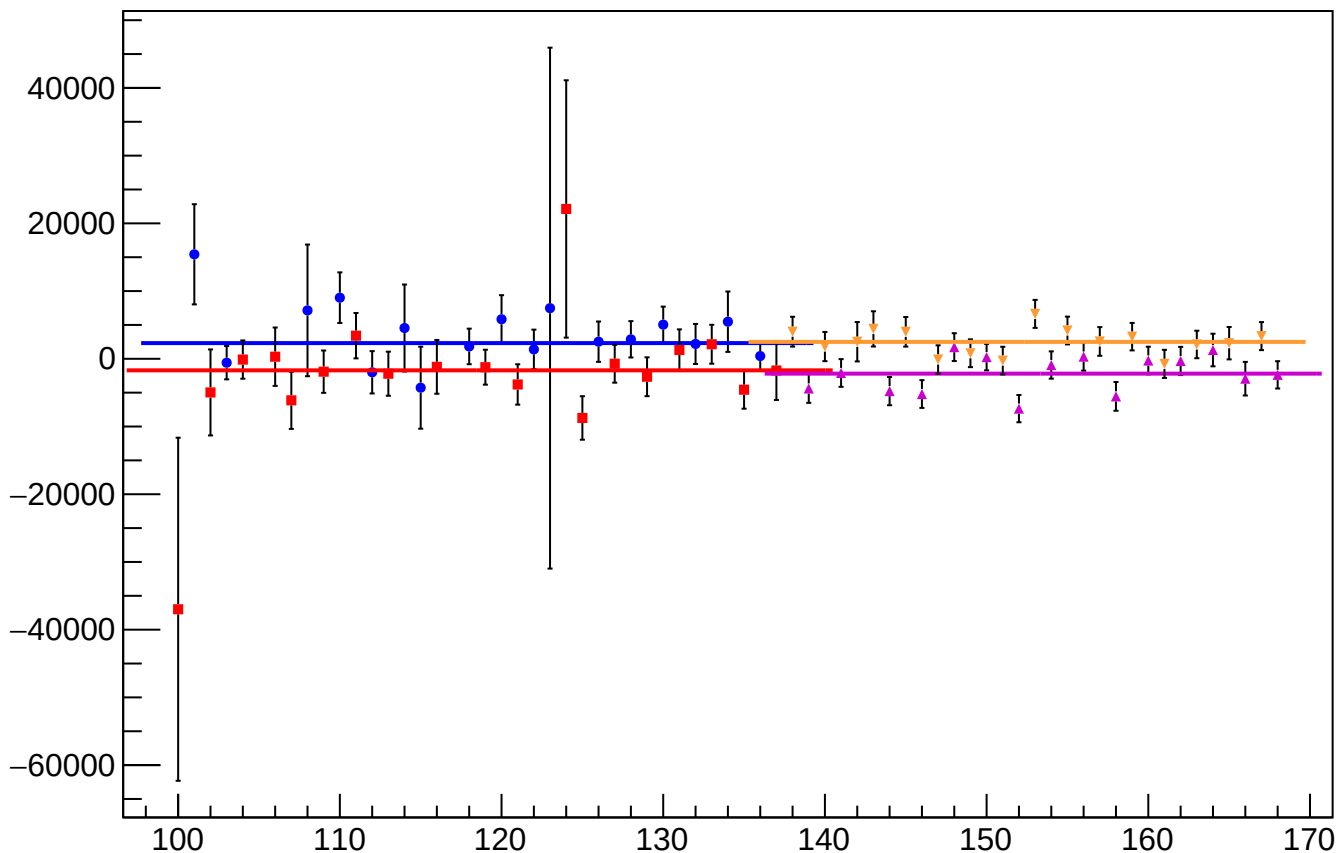
Left In: 1903.159+/-0.395 χ^2/NDF : 374911.9/14

+ sign 1934.295+/-0.320 χ^2/NDF : 575469.7/32

All: 1952.144+/-0.227 χ^2/NDF : 1239726.3/60

- sign 1970.428+/-0.323 χ^2/NDF : 657938.9/33

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2495.367 $\pm$ 540.425 χ^2 /NDF:13.1/15

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

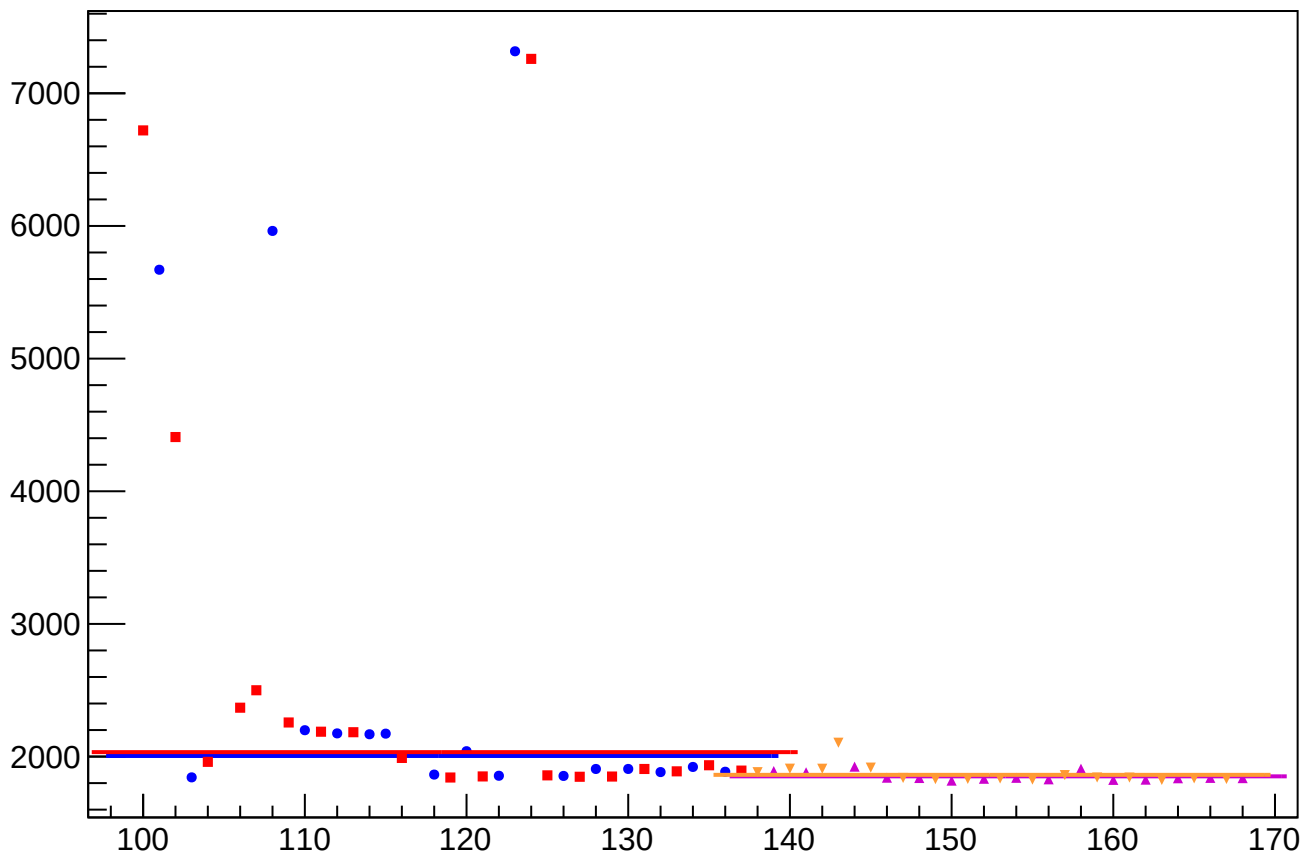
Left In: -2191.014 $\pm$ 540.409 χ^2 /NDF:24.8/14

+ sign 2440.251 $\pm$ 448.072 χ^2 /NDF: 27.9/32

All: 186.239 $\pm$ 315.648 χ^2 /NDF: 120.4/66

- sign -2034.324 $\pm$ 444.735 χ^2 /NDF: 42.2/33

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1862.266+/-0.382 χ^2/NDF : 24159.3/15

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

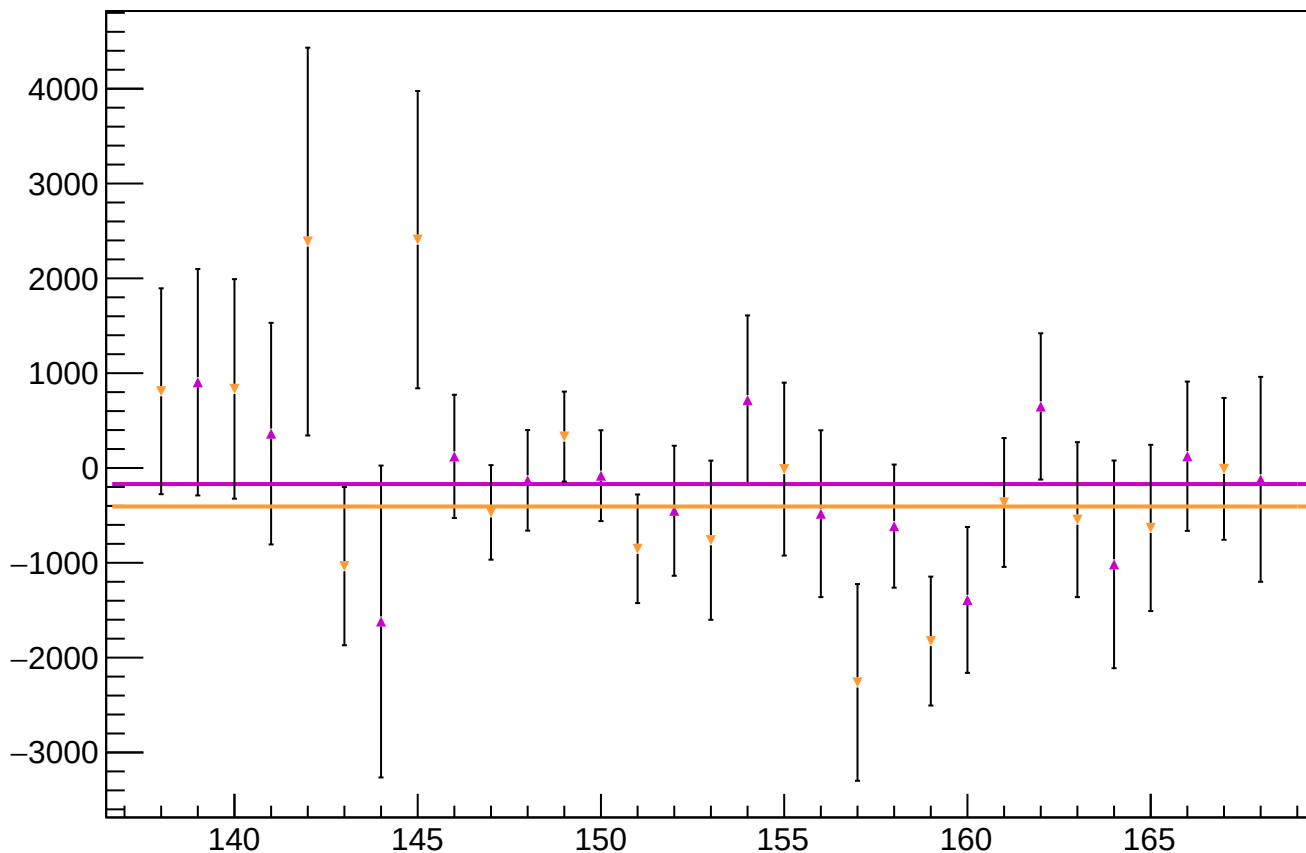
Left In: 1850.979+/-0.382 χ^2/NDF : 7008.7/14

+ sign 1906.740+/-0.317 χ^2/NDF : 983507.0/32

All: 1908.323+/-0.223 χ^2/NDF : 1675198.1/60

- sign 1909.882+/-0.314 χ^2/NDF : 691641.6/33

asym_at1_avg_correction_mean vs Slug



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

Left Out: -406.019 $\pm$ 190.158 χ^2 /NDF:19.4/15

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

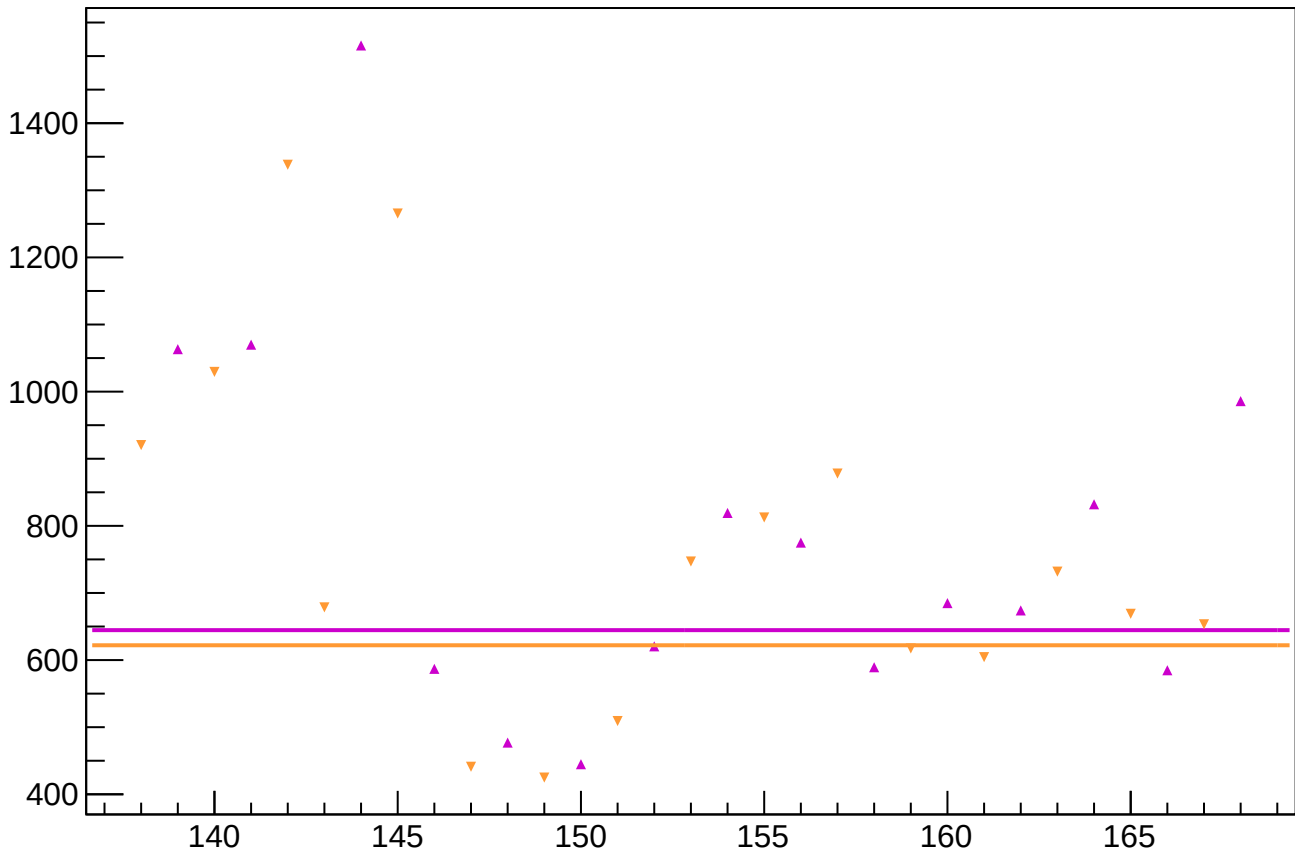
Left In: -169.468 $\pm$ 196.881 χ^2 /NDF:8.2/14

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

All: -291.852 $\pm$ 136.777 χ^2 /NDF: 28.3/30

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

asym_at1_avg_correction_rms vs Slug



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

Left Out: 622.066 $\pm$ 0.134 χ^2/NDF :1976130.3/15

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

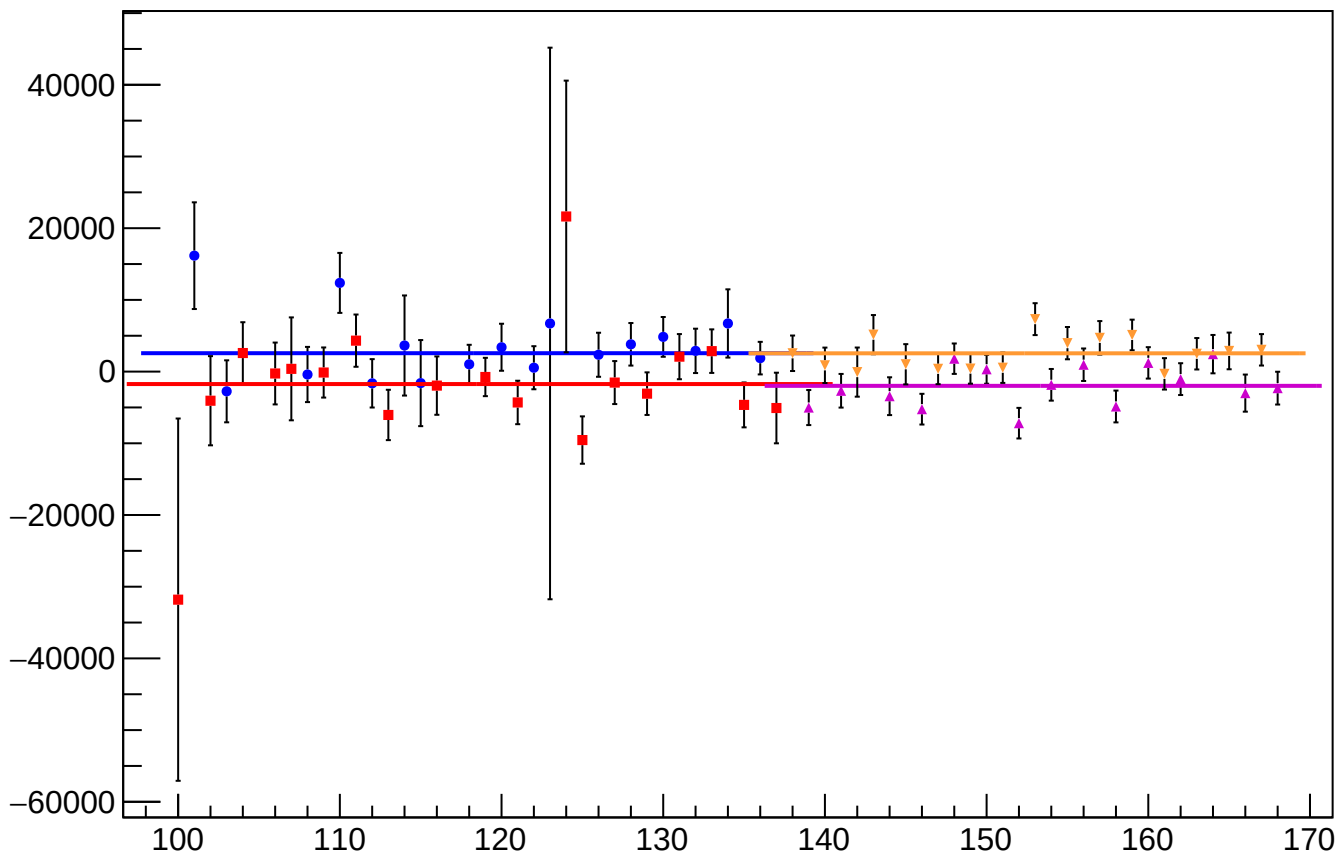
Left In: 644.603 $\pm$ 0.139 χ^2/NDF :2050597.3/14

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

All: 632.943 $\pm$ 0.097 χ^2/NDF : 4040285.2/30

- sign 0.000 $\pm$ 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: 2550.420 $\pm$ 585.399 χ^2 /NDF:14.2/15

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

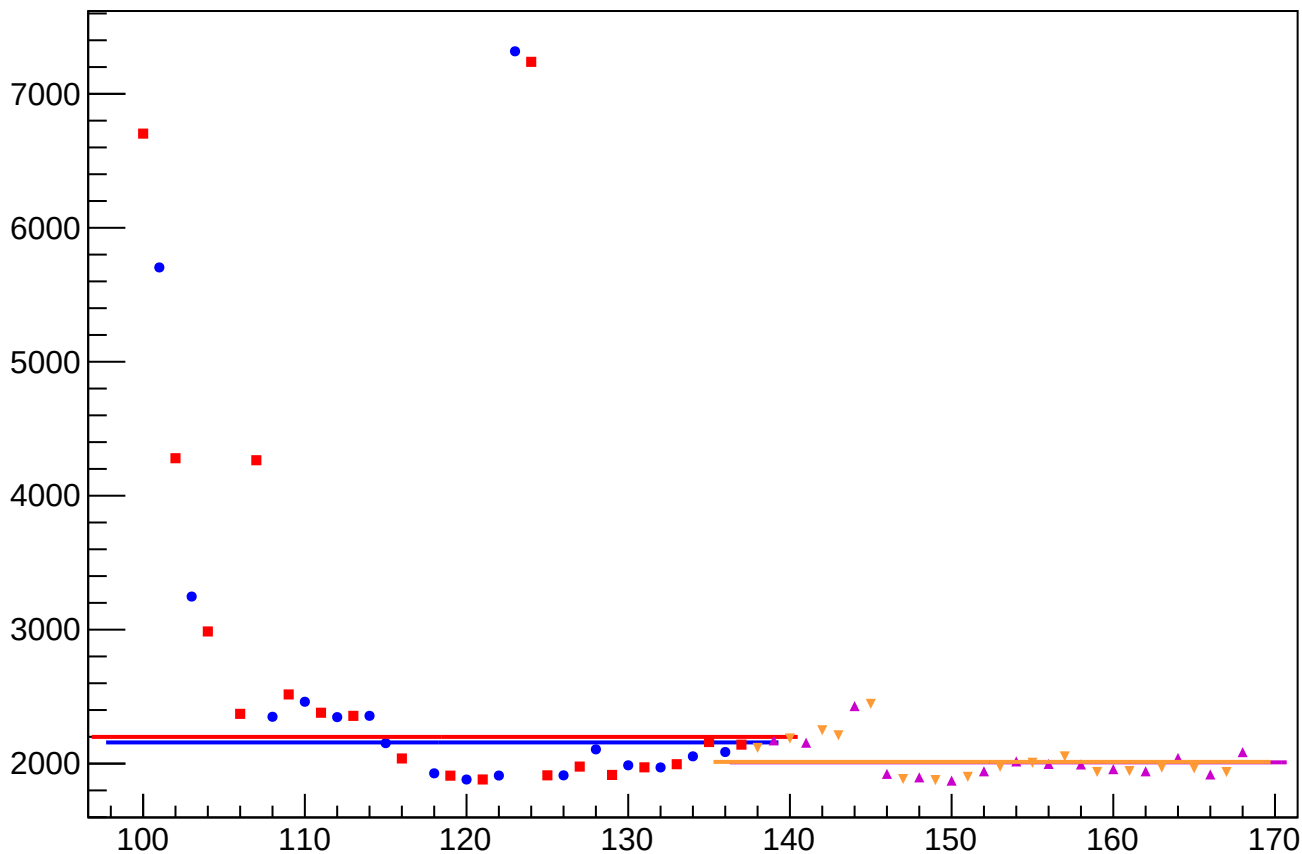
Left In: -1986.910 $\pm$ 587.828 χ^2 /NDF:23.3/14

+ sign 2555.638 $\pm$ 483.225 χ^2 /NDF: 29.8/32

All: 328.325 $\pm$ 341.986 χ^2 /NDF: 116.2/66

- sign -1906.685 $\pm$ 484.059 χ^2 /NDF: 43.8/33

asym_at1_avg_rms vs Slug



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

Left Out: 2012.862 ± 0.414 χ^2/NDF : 111809.3/15

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

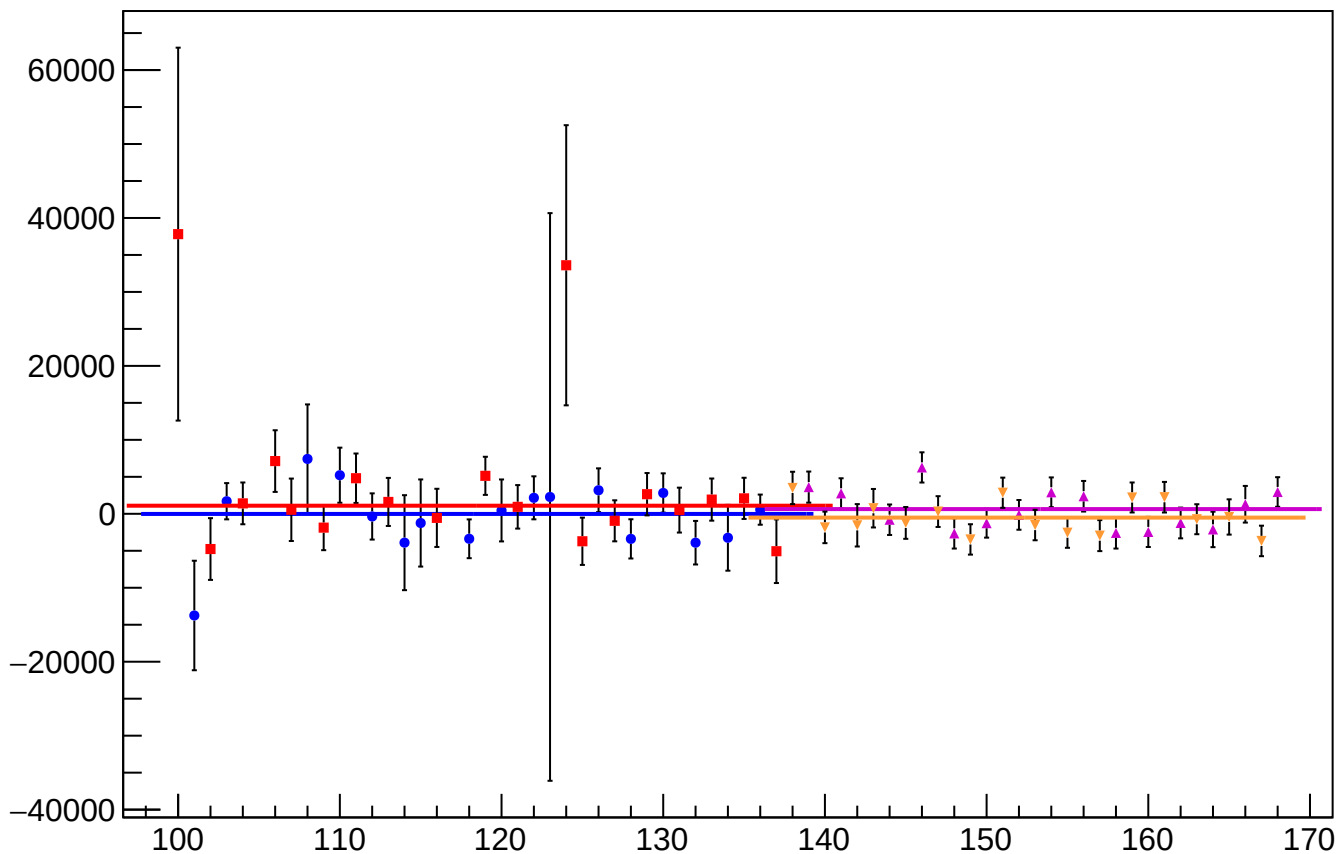
Left In: 2009.439 ± 0.416 χ^2/NDF : 95507.9/14

+ sign 2059.152 ± 0.342 χ^2/NDF : 864921.1/32

All: 2064.850 ± 0.242 χ^2/NDF : 1831199.8/60

- sign 2070.568 ± 0.342 χ^2/NDF : 965721.5/33

dit_asym_at1_dd_mean vs Slug



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

Left Out: -515.059 ± 537.894 χ^2/NDF : 17.7/15

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

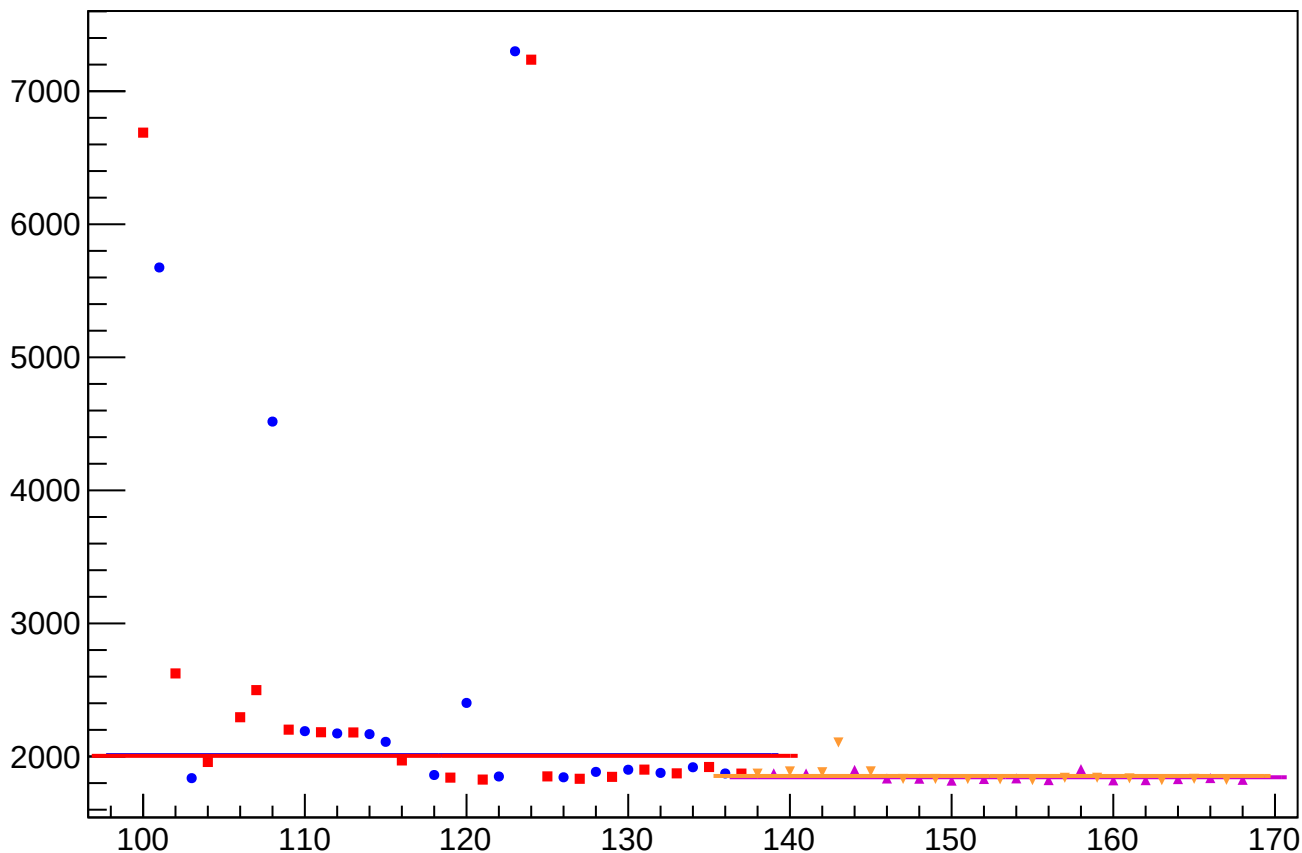
Left In: 638.030 ± 538.301 χ^2/NDF : 25.0/14

+ sign -360.768 ± 446.620 χ^2/NDF : 33.8/32

All: 220.854 ± 313.849 χ^2/NDF : 81.7/66

- sign 788.262 ± 441.129 χ^2/NDF : 44.6/33

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1853.663 $\pm$ 0.380 χ^2 /NDF: 22962.3/15

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

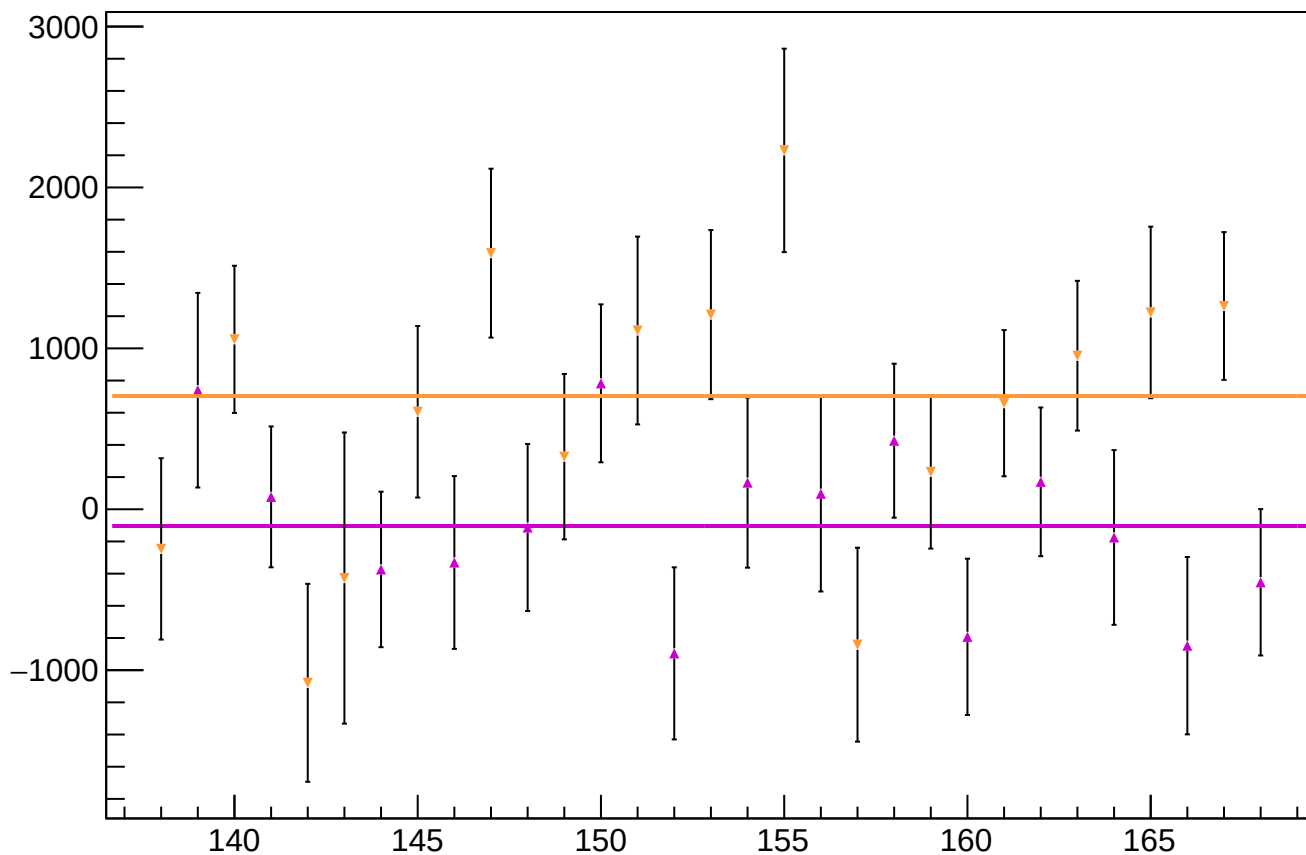
Left In: 1843.847 $\pm$ 0.381 χ^2 /NDF: 5390.8/14

+ sign 1902.302 $\pm$ 0.316 χ^2 /NDF: 915365.0/32

All: 1899.486 $\pm$ 0.222 χ^2 /NDF: 1347213.6/60

- sign 1896.739 $\pm$ 0.312 χ^2 /NDF: 431691.5/33

asym_at1_dd_correction_mean vs Slug



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

Left Out: 703.778+/-132.853 χ^2/NDF : 34.4/15

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

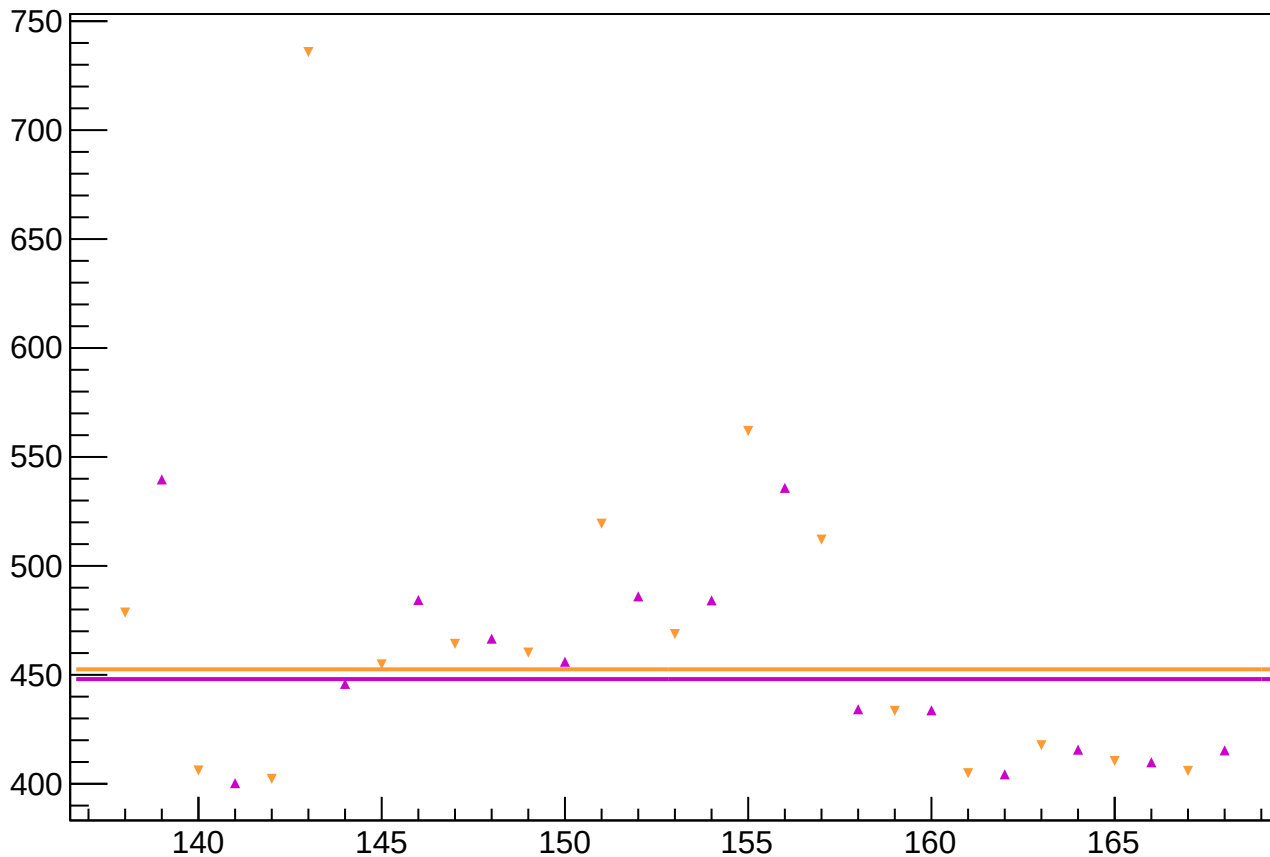
Left In: -104.016+/-131.125 χ^2/NDF : 14.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.593+/-93.324 χ^2/NDF : 67.5/30

- 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: 452.544+/-0.094 χ^2/NDF : 412865.3/15

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

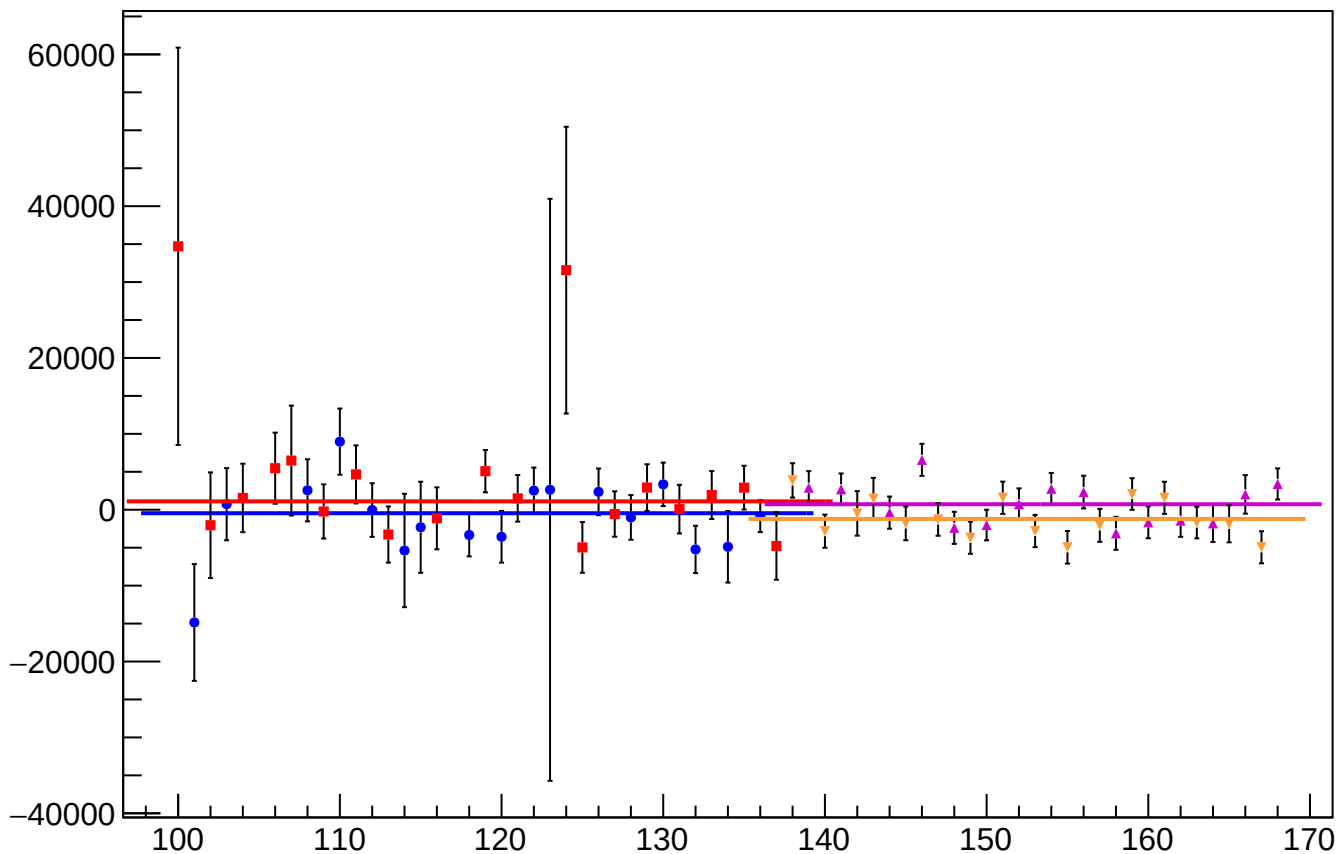
Left In: 448.058+/-0.093 χ^2/NDF : 191504.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.272+/-0.066 χ^2/NDF : 605524.1/30

- 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: -1212.470+/-555.239 χ^2/NDF : 20.9/15

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

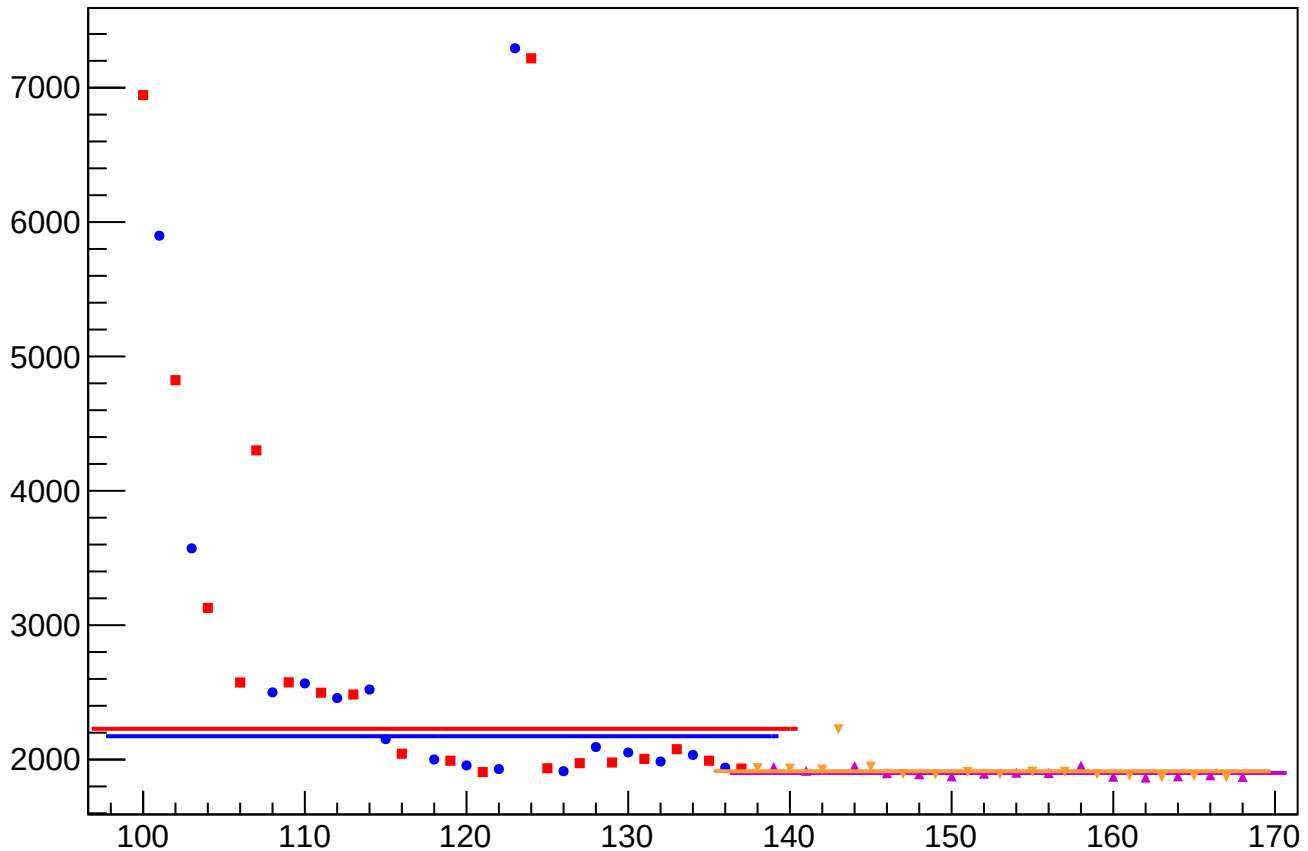
Left In: 727.136+/-554.660 χ^2/NDF : 23.8/14

+ sign -992.462+/-467.283 χ^2/NDF : 39.5/32

All: -77.849+/-330.408 χ^2/NDF : 88.0/66

- sign 836.645+/-467.253 χ^2/NDF : 40.8/33

asym_at1_dd_rms vs Slug



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

Left Out: 1913.382 $\pm$ 0.393 χ^2 /NDF: 30224.0/15

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

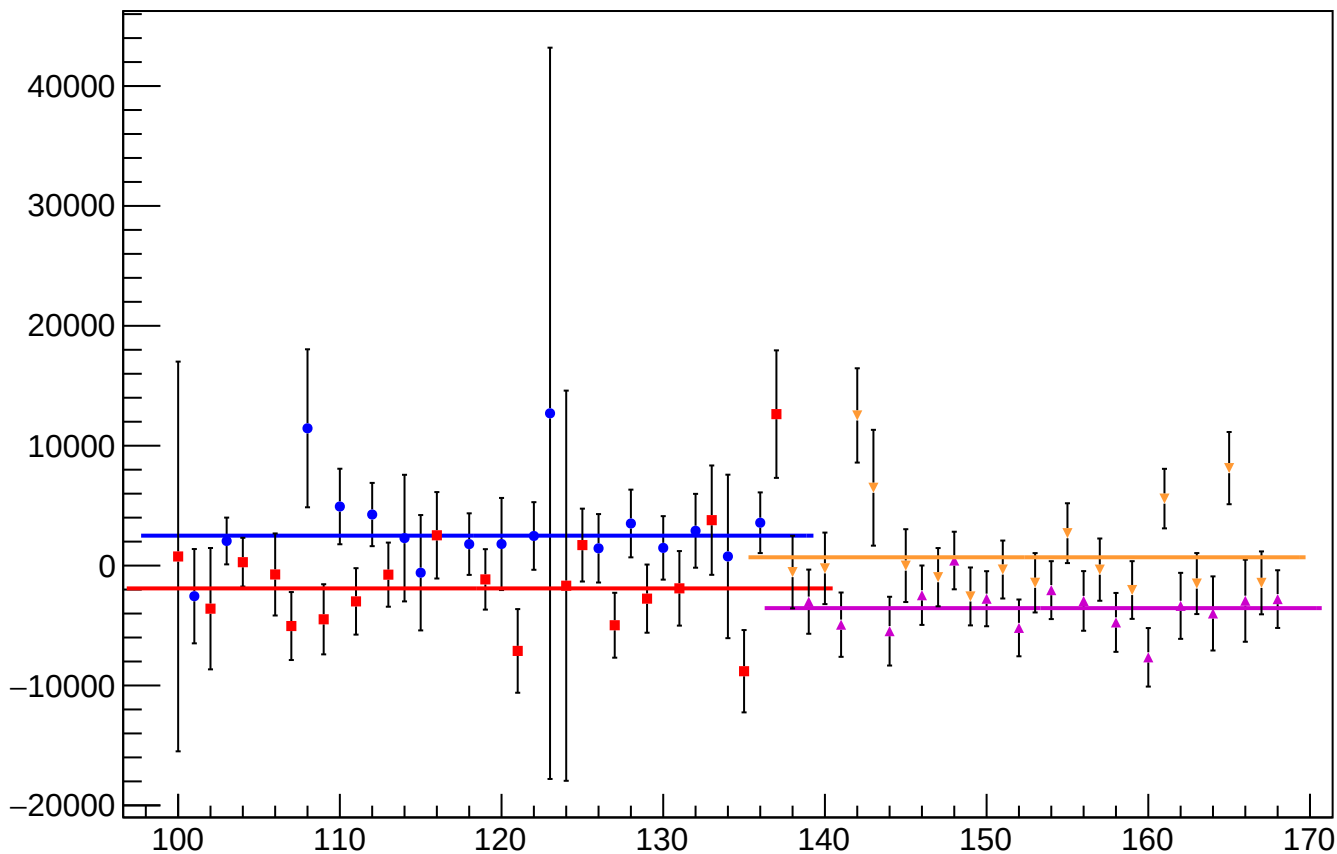
Left In: 1900.060 $\pm$ 0.392 χ^2 /NDF: 5422.8/14

+ sign 1989.274 $\pm$ 0.330 χ^2 /NDF: 963664.9/32

All: 1992.404 $\pm$ 0.234 χ^2 /NDF: 2069226.6/60

- sign 1995.533 $\pm$ 0.330 χ^2 /NDF: 1105382.2/33

dit_asym_at2_avg_mean vs Slug



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

Left Out: 693.080 $\pm$ 679.466 χ^2 /NDF: 27.5/15

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

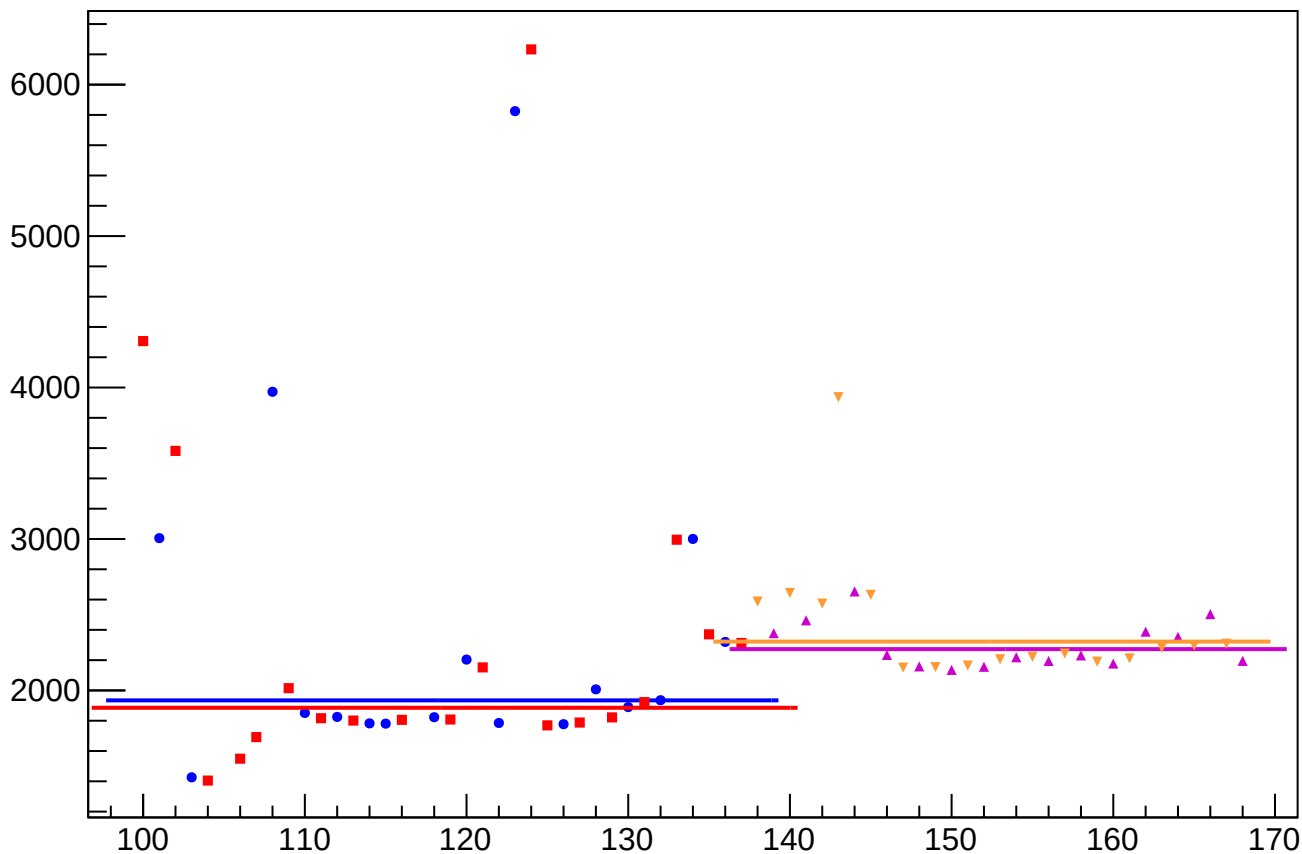
Left In: -3548.535 $\pm$ 664.385 χ^2 /NDF: 7.9/14

+ sign 1484.602 $\pm$ 508.977 χ^2 /NDF: 36.5/32

All: -729.666 $\pm$ 354.269 χ^2 /NDF: 107.3/66

- sign -2810.563 $\pm$ 493.410 χ^2 /NDF: 34.1/33

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2322.430+/-0.480 χ^2/NDF : 339082.2/15

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

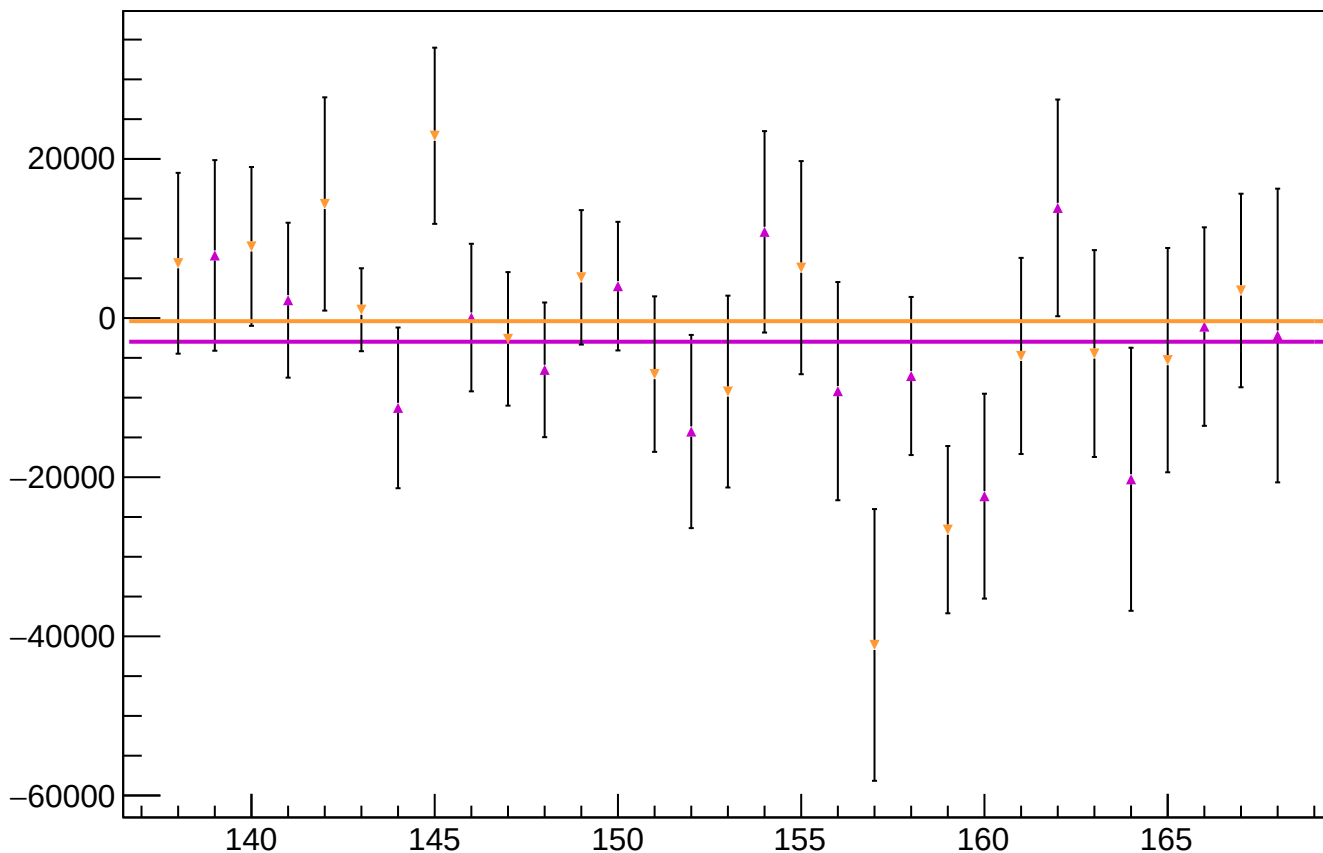
Left In: 2272.823+/-0.470 χ^2/NDF : 88113.1/14

+ sign 2152.135+/-0.360 χ^2/NDF : 1264259.4/32

All: 2124.797+/-0.250 χ^2/NDF : 2420477.2/60

- sign 2099.110+/-0.349 χ^2/NDF : 1145026.4/33

asym_at2_avg_correction_mean vs Slug



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

Left Out: -389.035+/-2529.985 χ^2/NDF :21.1/15

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

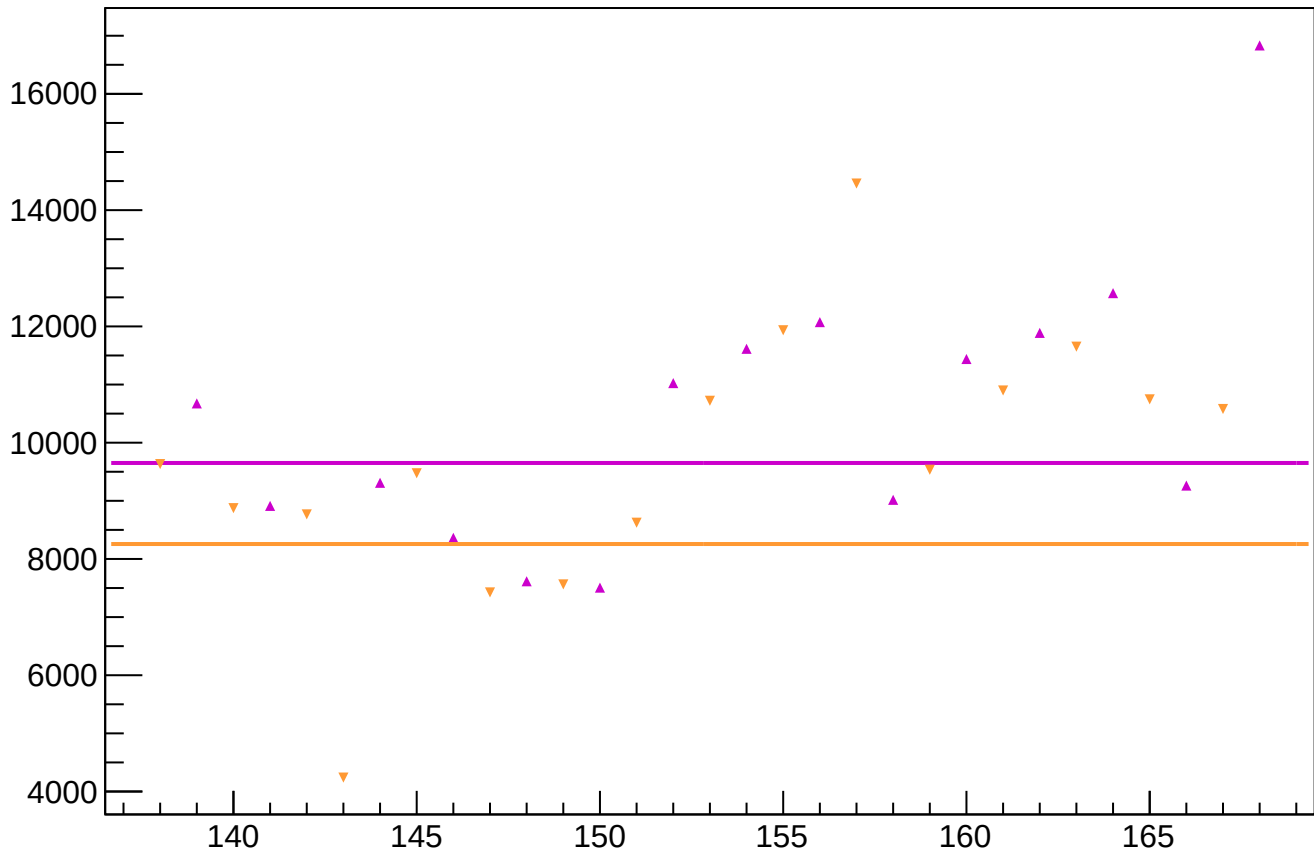
Left In: -2973.000+/-2873.185 χ^2/NDF :10.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1517.548+/-1898.775 χ^2/NDF : 31.7/30

- 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: 8256.984+/-1.789 χ^2/NDF : 2179278.8/15

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

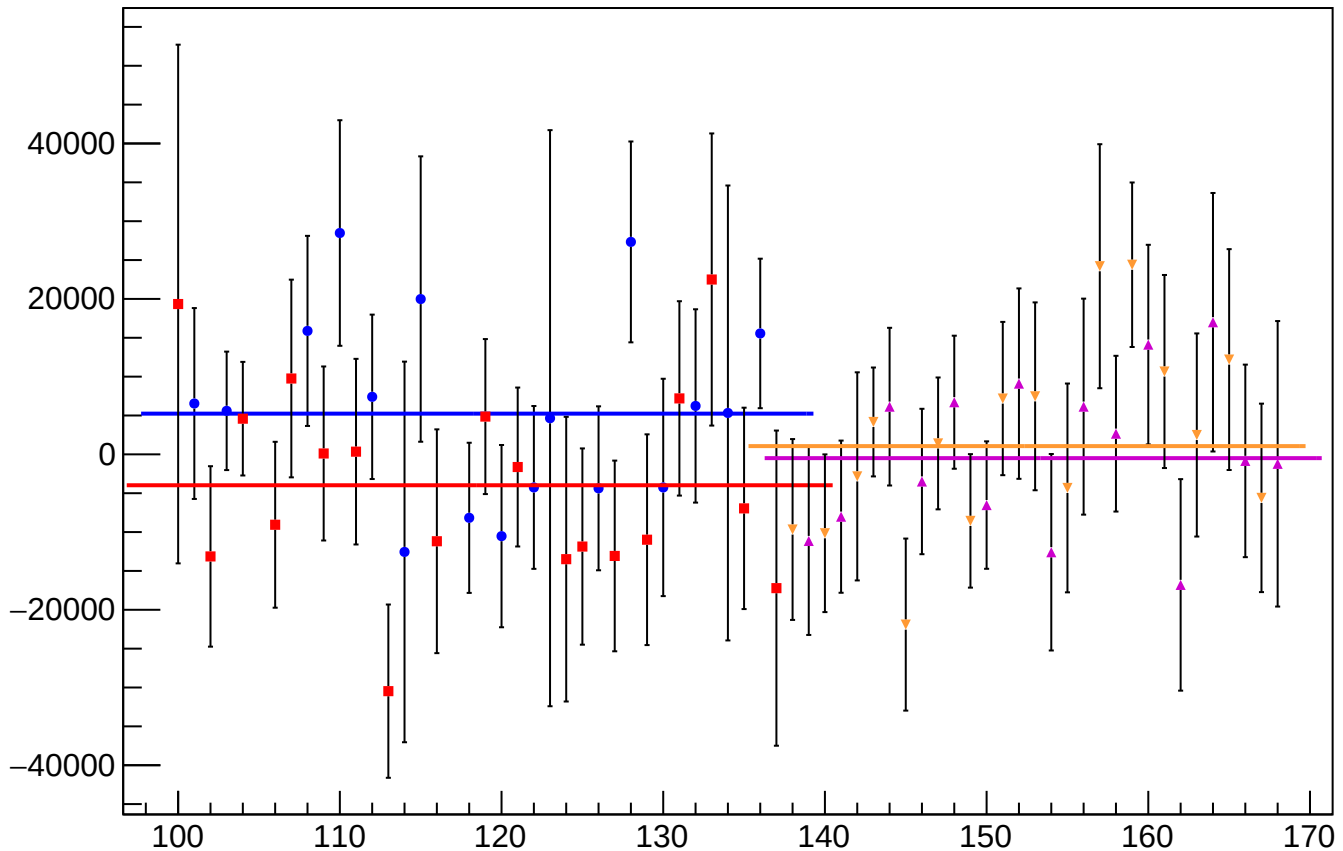
Left In: 9651.148+/-2.032 χ^2/NDF : 927449.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8865.867+/-1.343 χ^2/NDF : 3371970.4/30

- 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: 1060.405 $\pm$ 2687.925 χ^2 /NDF: 17.3/15

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

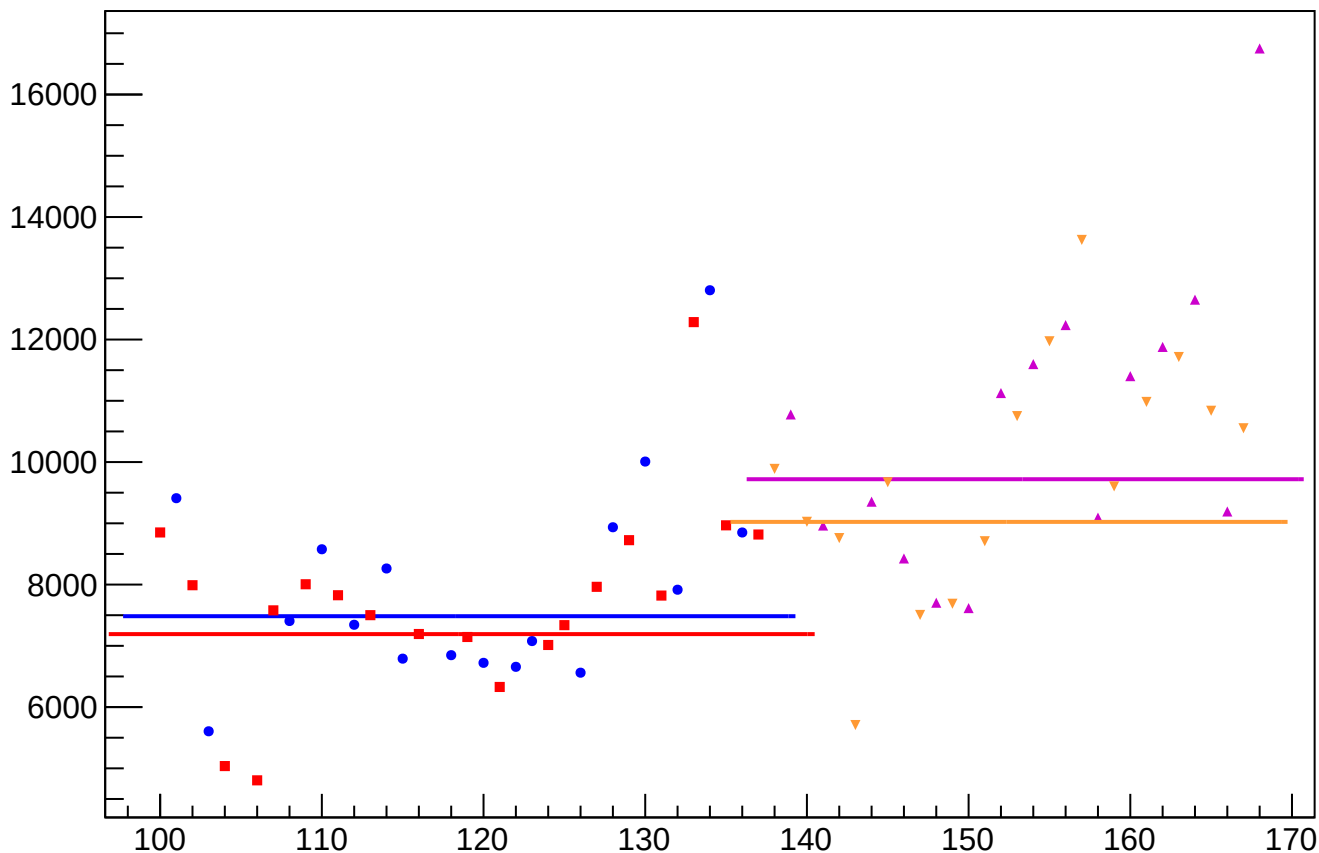
Left In: -487.469 $\pm$ 2892.171 χ^2 /NDF: 8.8/14

+ sign 2958.375 $\pm$ 1985.682 χ^2 /NDF: 32.9/32

All: 361.610 $\pm$ 1411.960 χ^2 /NDF: 61.5/66

- sign -2294.210 $\pm$ 2008.134 χ^2 /NDF: 25.2/33

asym_at2_avg_rms vs Slug



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

Left Out: 9023.437 ± 1.901 χ^2/NDF : 1095419.1/15

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

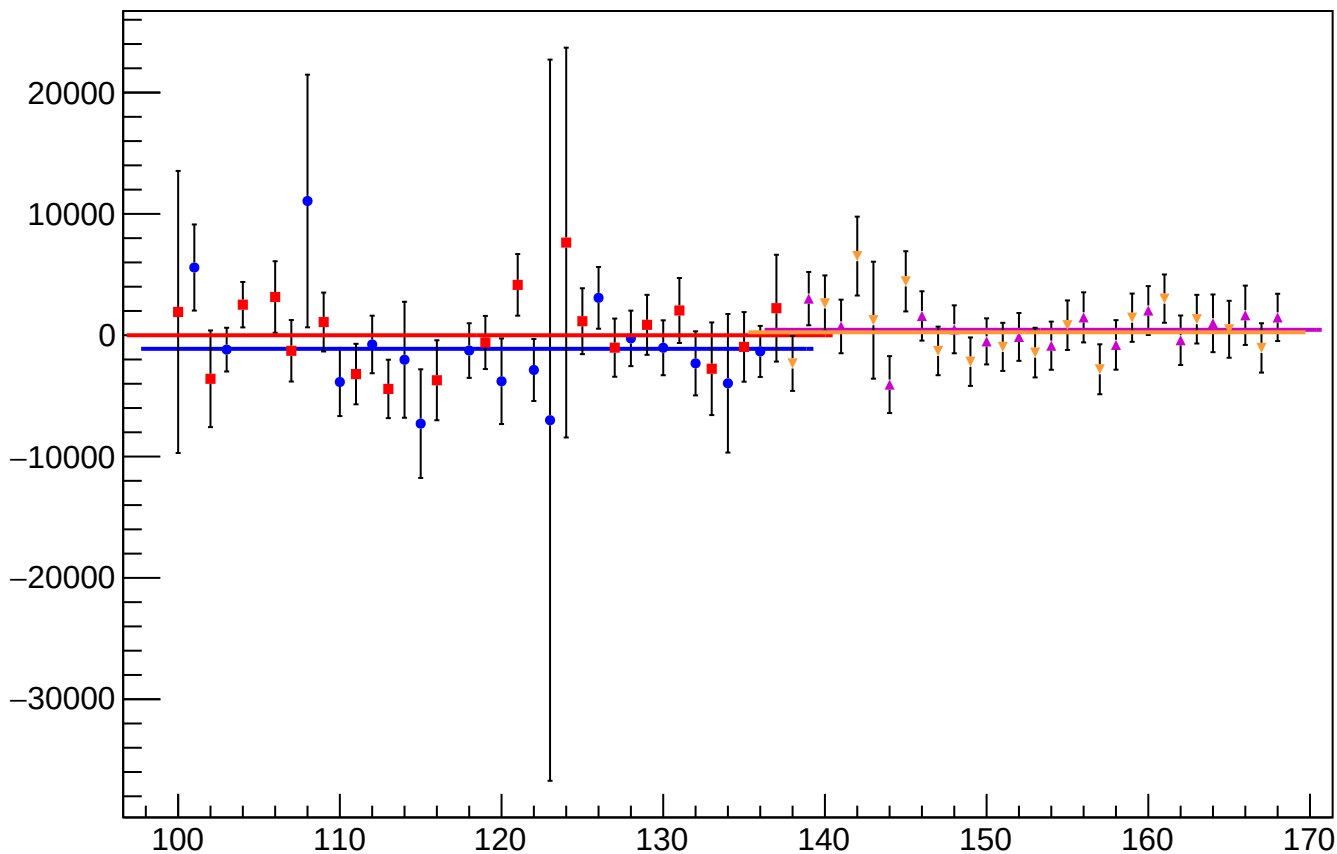
Left In: 9719.885 ± 2.045 χ^2/NDF : 898189.9/14

+ sign 8324.014 ± 1.404 χ^2/NDF : 1825322.9/32

All: 8366.649 ± 0.998 χ^2/NDF : 4075874.5/60

- sign 8410.248 ± 1.420 χ^2/NDF : 2248686.7/33

dit_asym_at2_dd_mean vs Slug



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

Left Out: 241.928 $\pm$ 547.866 χ^2 /NDF: 17.4/15

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

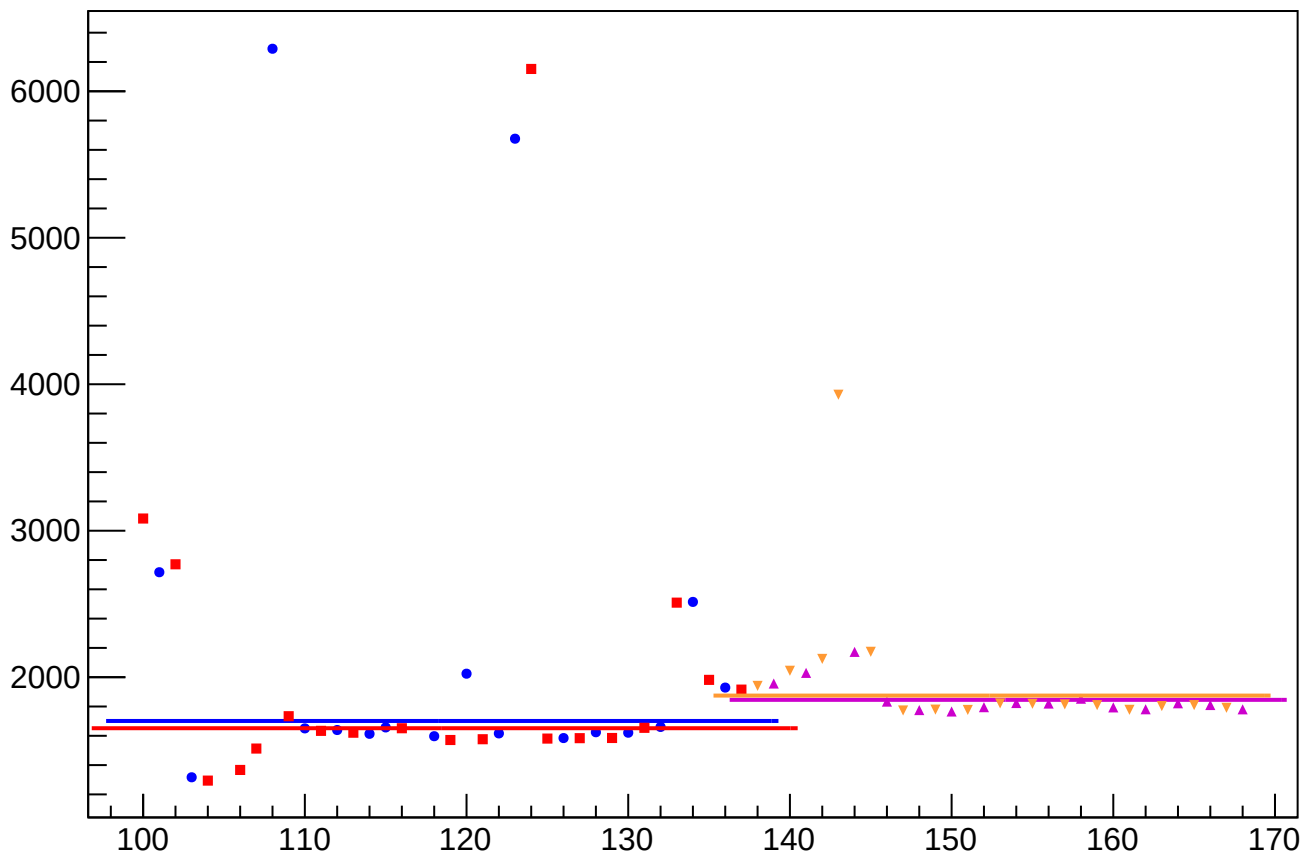
Left In: 446.184 $\pm$ 538.358 χ^2 /NDF: 8.2/14

+ sign -295.151 $\pm$ 426.418 χ^2 /NDF: 32.1/32

All: -7.888 $\pm$ 296.256 χ^2 /NDF: 56.9/66

- sign 260.143 $\pm$ 411.897 χ^2 /NDF: 23.9/33

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1874.572 ± 0.387 χ^2/NDF : 450102.6/15

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

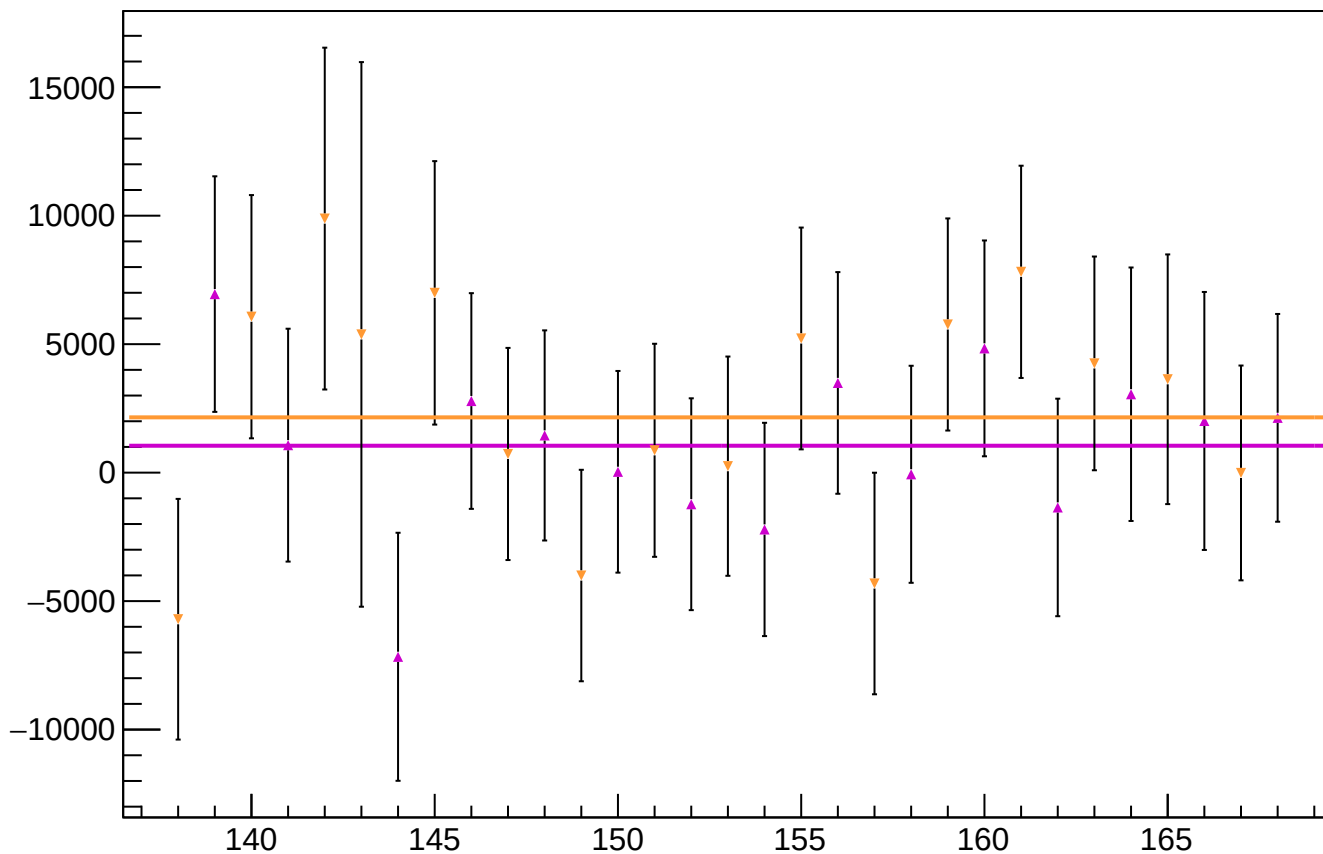
Left In: 1845.421 ± 0.381 χ^2/NDF : 72077.0/14

+ sign 1806.260 ± 0.302 χ^2/NDF : 1307698.6/32

All: 1784.974 ± 0.209 χ^2/NDF : 2085587.0/60

- sign 1765.114 ± 0.291 χ^2/NDF : 768255.3/33

asym_at2_dd_correction_mean vs Slug



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

Left Out: 2151.372+/-1137.539 χ^2/NDF :14.5/15

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

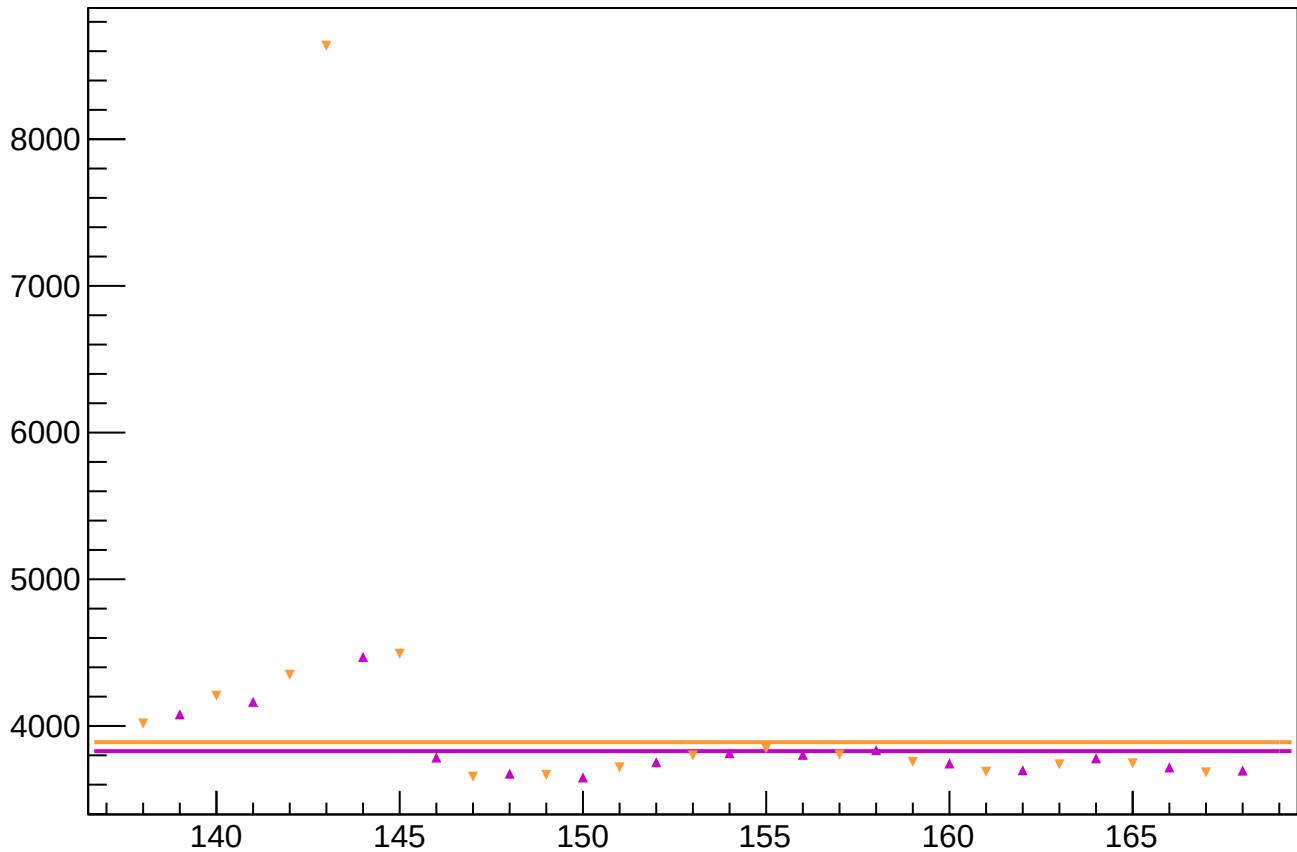
Left In: 1046.948+/-1116.726 χ^2/NDF :7.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.964+/-796.901 χ^2/NDF : 22.5/30

- 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: 3889.776+/-0.804 χ^2/NDF : 482708.7/15

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

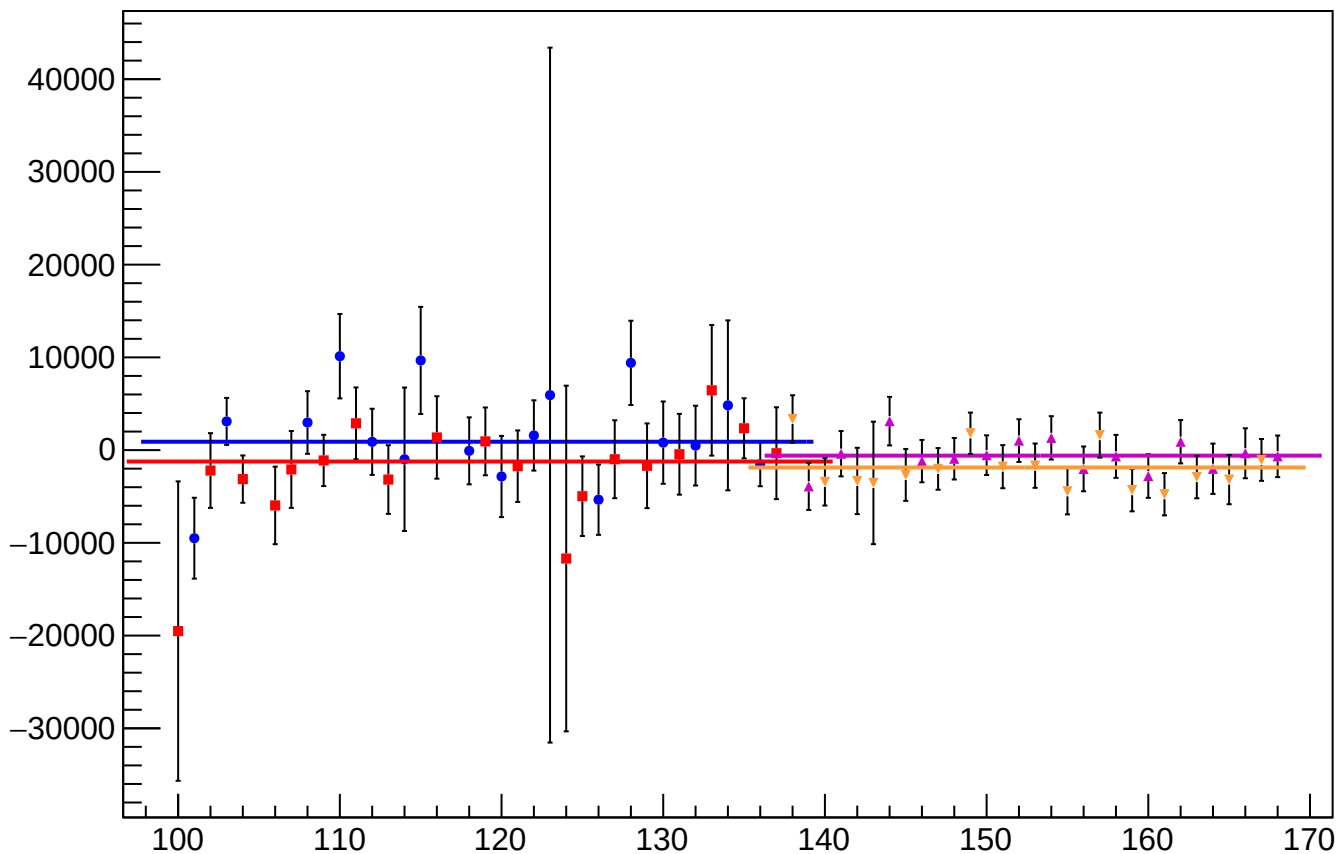
Left In: 3828.520+/-0.790 χ^2/NDF : 66402.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3858.583+/-0.563 χ^2/NDF : 552064.6/30

- 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: -1874.693 ± 627.747 χ^2/NDF : 14.0/15

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

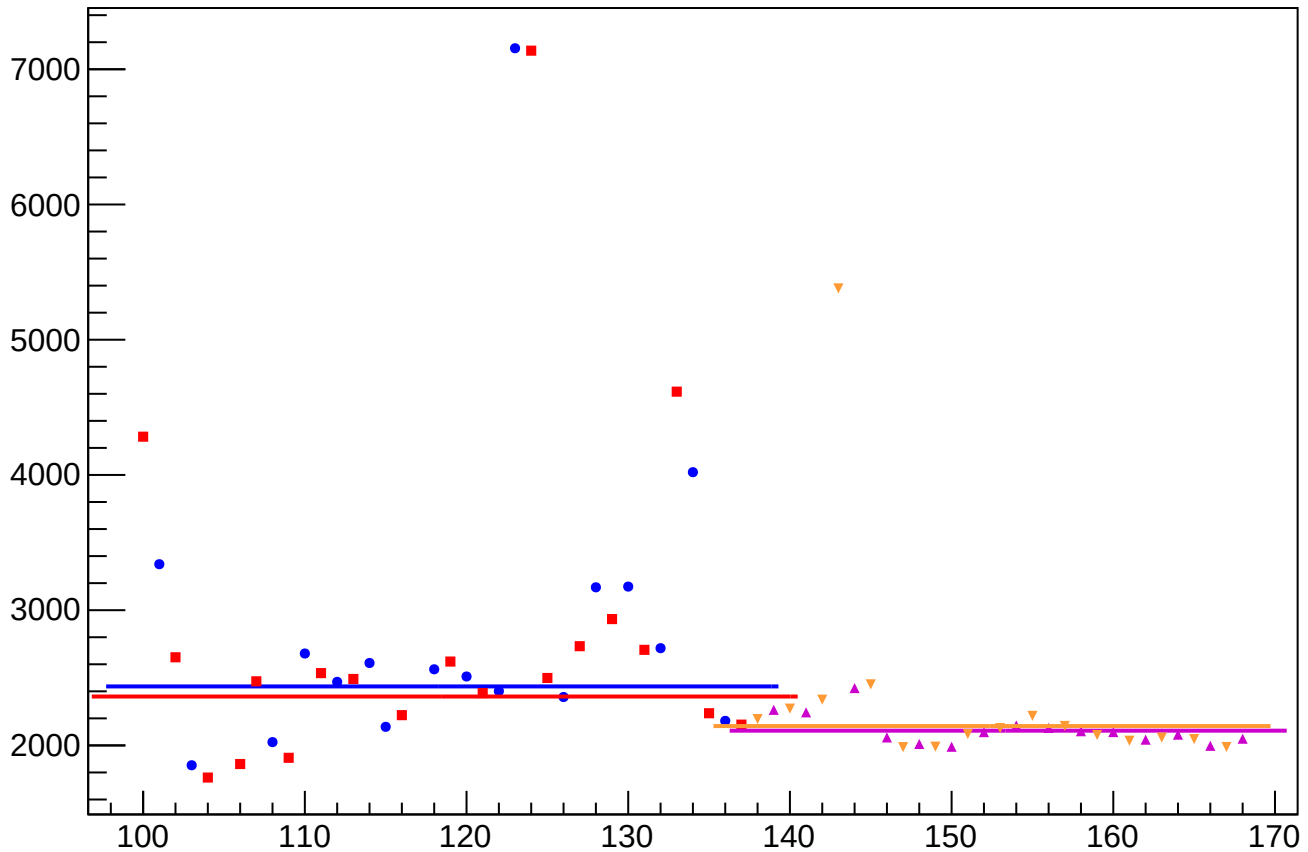
Left In: -596.368 ± 615.085 χ^2/NDF : 6.9/14

+ sign -1044.965 ± 525.705 χ^2/NDF : 41.5/32

All: -914.646 ± 366.858 χ^2/NDF : 57.7/66

- sign -790.942 ± 512.191 χ^2/NDF : 16.1/33

asym_at2_dd_rms vs Slug



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

Left Out: 2143.119+/-0.444 χ^2/NDF : 559731.3/15

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

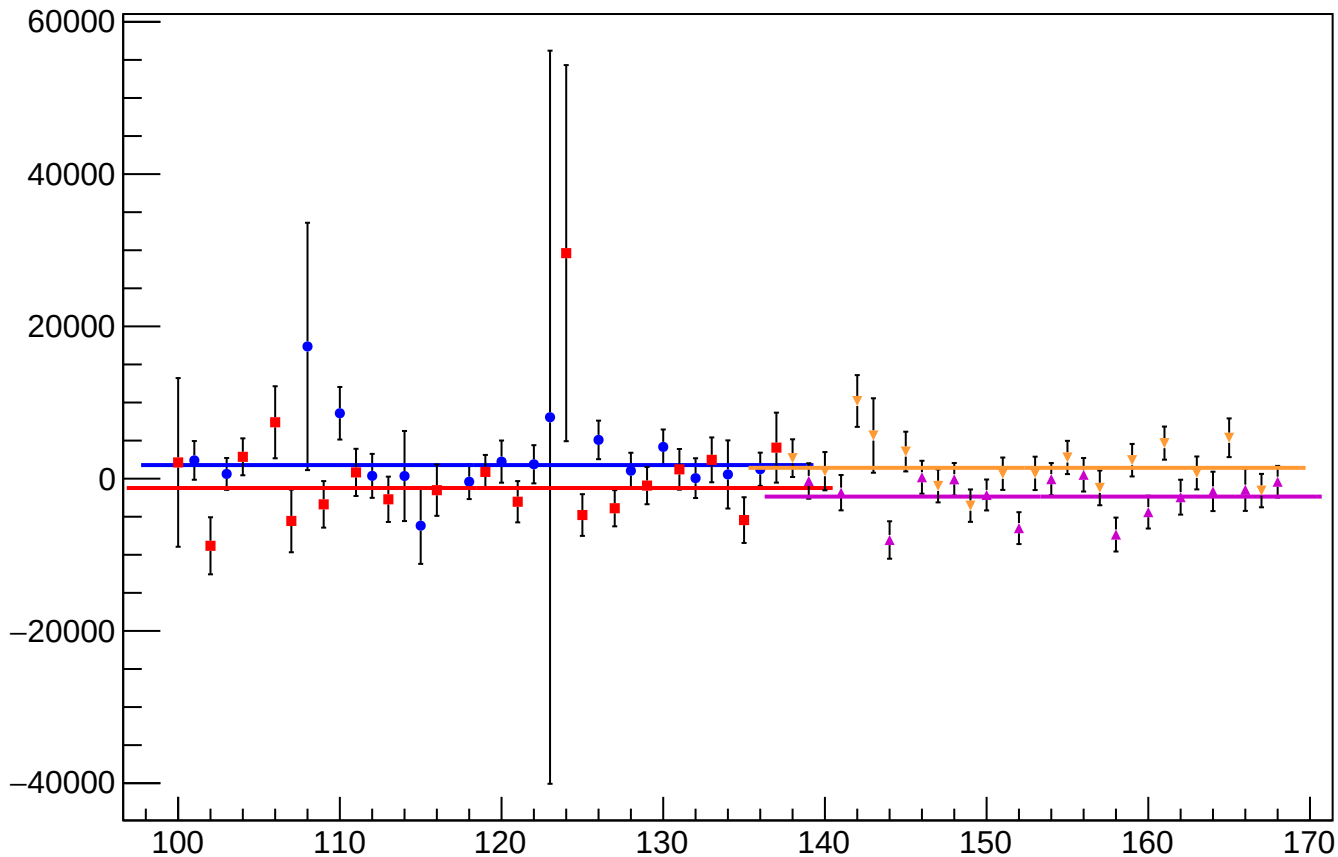
Left In: 2108.996+/-0.435 χ^2/NDF : 60912.0/14

+ sign 2230.674+/-0.372 χ^2/NDF : 1158543.8/32

All: 2207.975+/-0.259 χ^2/NDF : 1985953.4/60

- sign 2186.429+/-0.362 χ^2/NDF : 820141.4/33

dit_asym_atl_avg_mean vs Slug



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

Left Out: 1420.951 $\pm$ 590.487 χ^2 /NDF:23.8/15

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

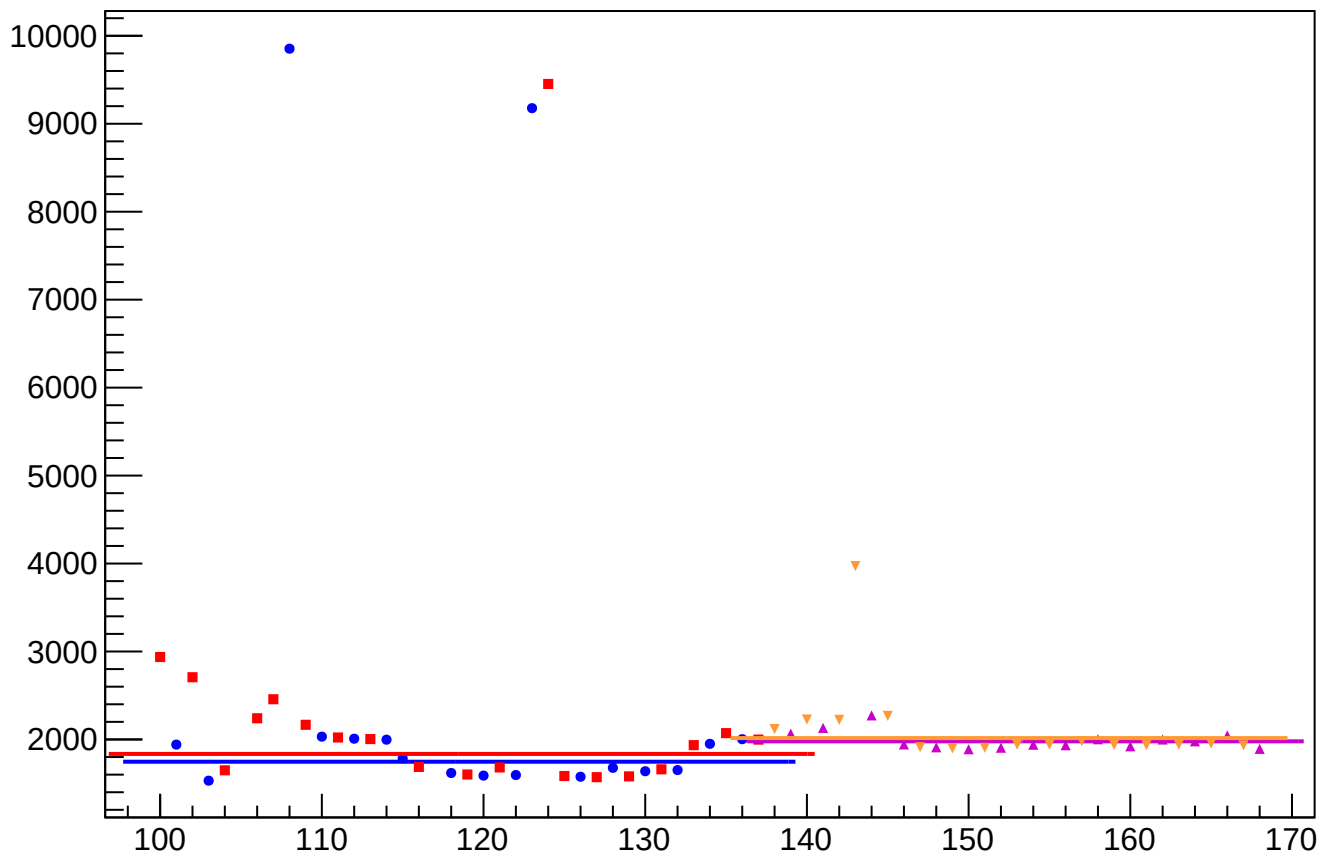
Left In: -2357.570 $\pm$ 578.637 χ^2 /NDF:22.5/14

+ sign 1573.097 $\pm$ 449.837 χ^2 /NDF: 36.4/32

All: -173.209 $\pm$ 317.458 χ^2 /NDF: 114.6/66

- sign -1905.848 $\pm$ 448.074 χ^2 /NDF: 48.2/33

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2015.642+/-0.418 χ^2/NDF : 396614.1/15

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

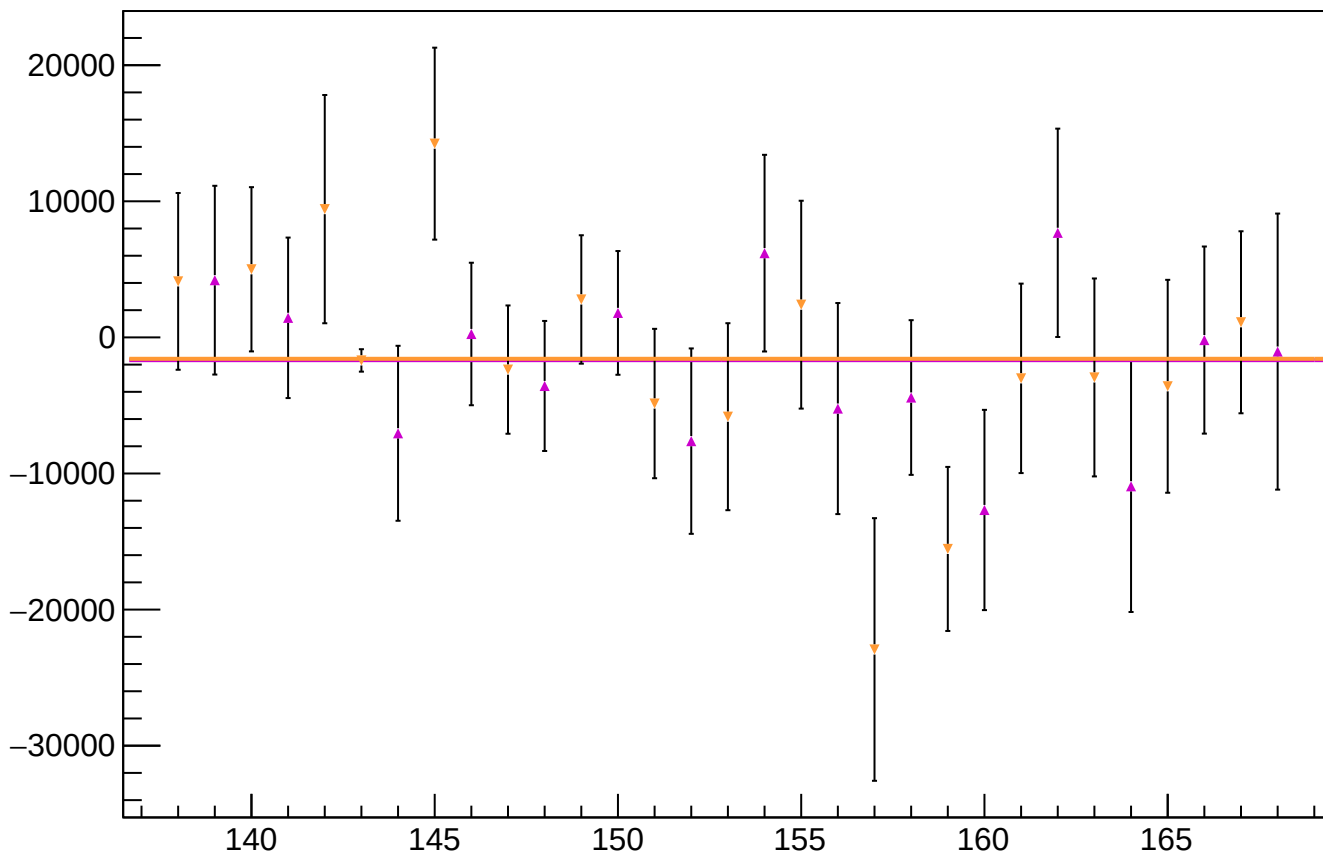
Left In: 1978.872+/-0.409 χ^2/NDF : 56935.5/14

+ sign 1902.837+/-0.318 χ^2/NDF : 1253028.0/32

All: 1912.136+/-0.224 χ^2/NDF : 1911357.4/60

- sign 1921.354+/-0.317 χ^2/NDF : 656627.6/33

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1572.776+/-738.172 χ^2/NDF :21.2/15

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

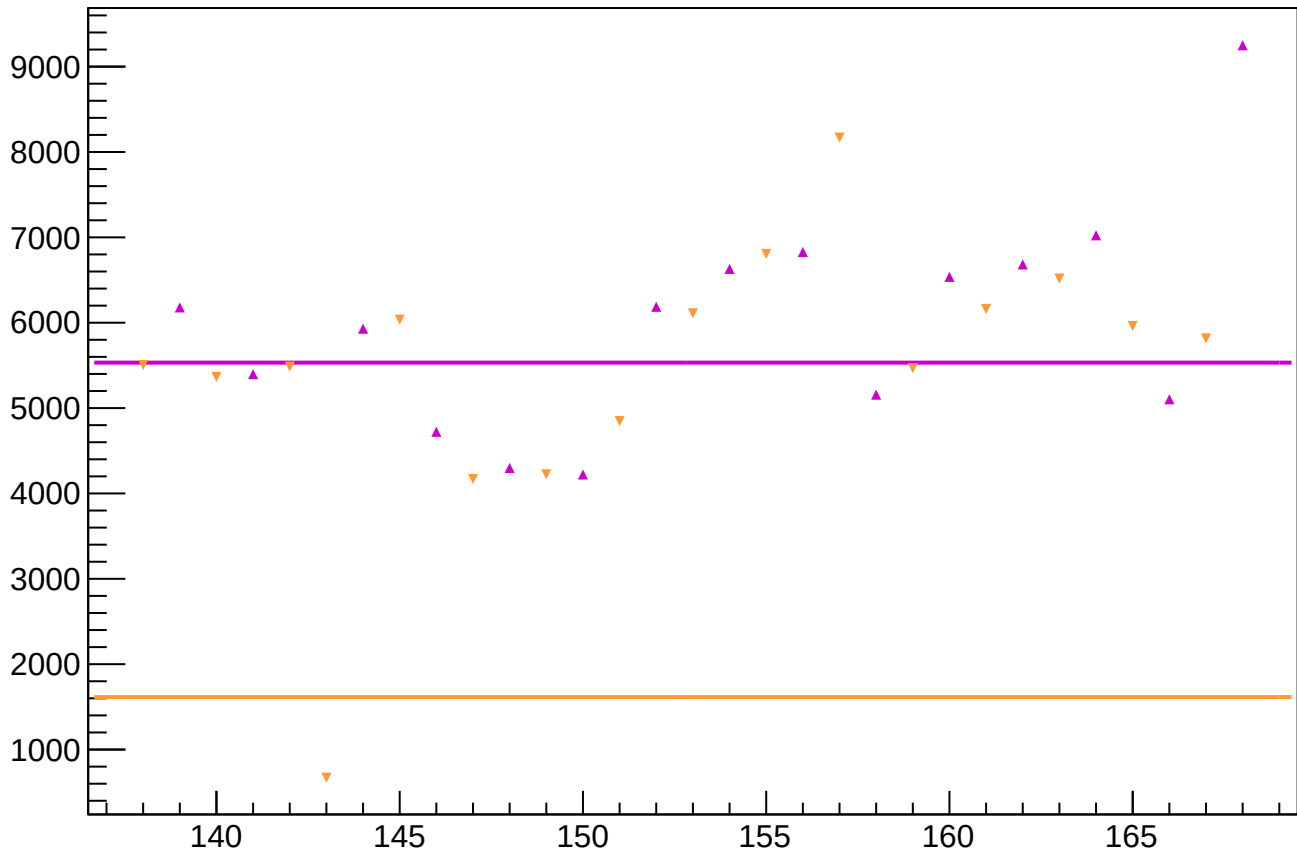
Left In: -1672.788+/-1646.431 χ^2/NDF :9.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1589.515+/-673.571 χ^2/NDF : 30.9/30

- 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: 1614.893+/-0.522 χ^2/NDF :13914624.9/15

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

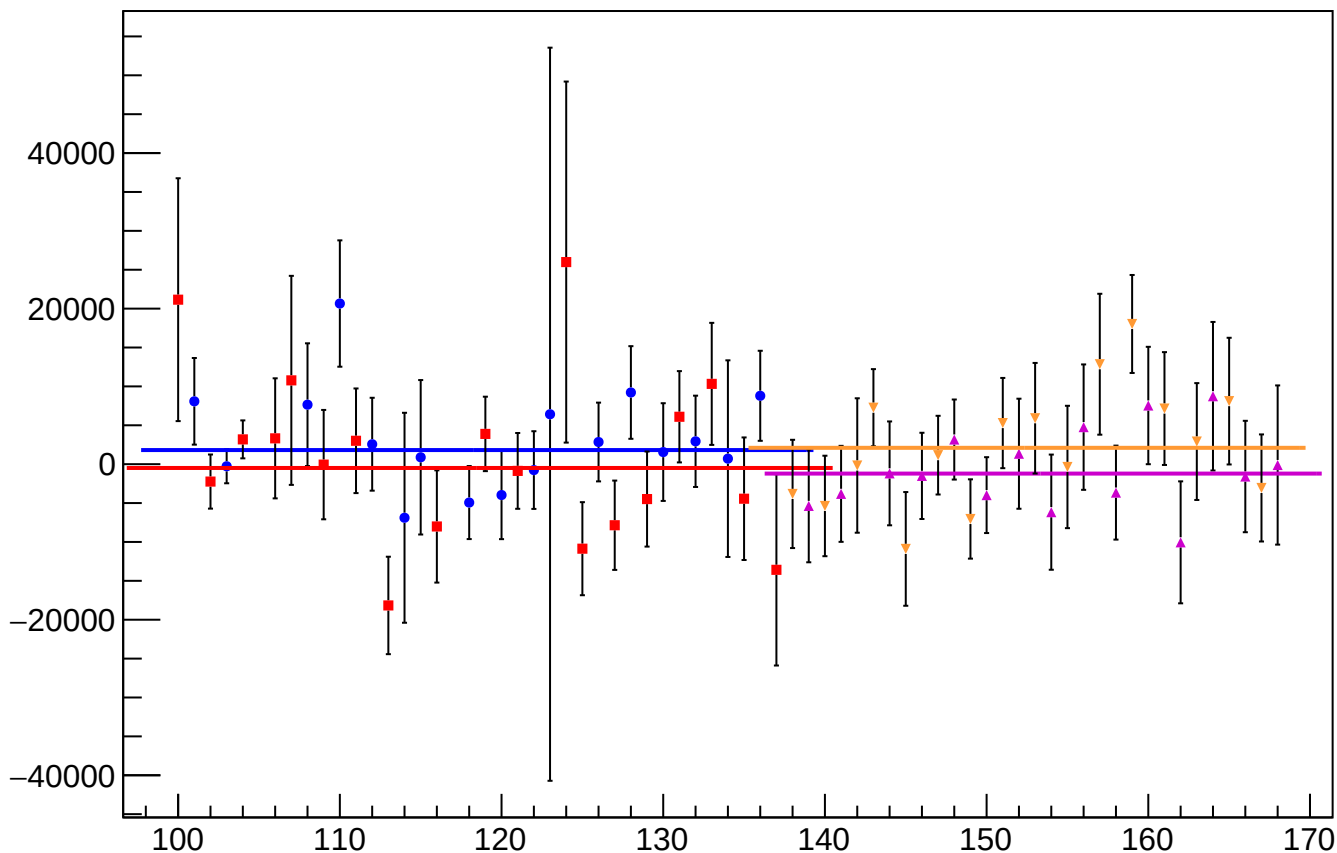
Left In: 5532.554+/-1.164 χ^2/NDF :913771.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2270.595+/-0.476 χ^2/NDF : 24257016.7/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: 2102.280+/-1642.199 χ^2/NDF : 19.7/15

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

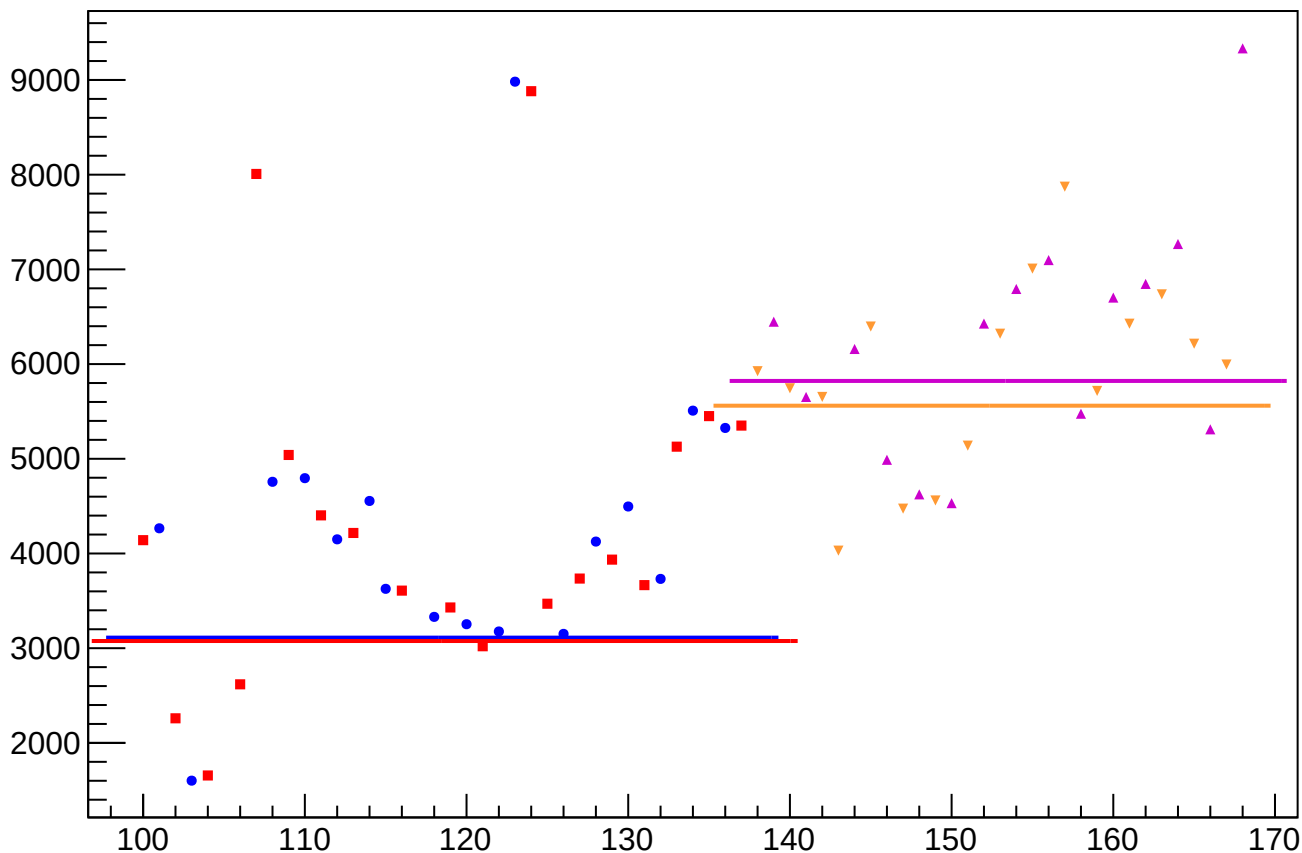
Left In: -1210.300+/-1728.100 χ^2/NDF : 6.6/14

+ sign 1925.360+/-1019.914 χ^2/NDF : 34.7/32

All: 605.204+/-725.325 χ^2/NDF : 71.3/66

- sign -745.687+/-1031.718 χ^2/NDF : 33.2/33

asym_atl_avg_rms vs Slug



Right In: 3111.560 $\pm$ 0.920 χ^2 /NDF: 1878991.5/16

Left Out: 5560.607 $\pm$ 1.161 χ^2 /NDF: 724338.7/15

Right Out: 3075.800 $\pm$ 0.896 χ^2 /NDF: 2009557.4/18

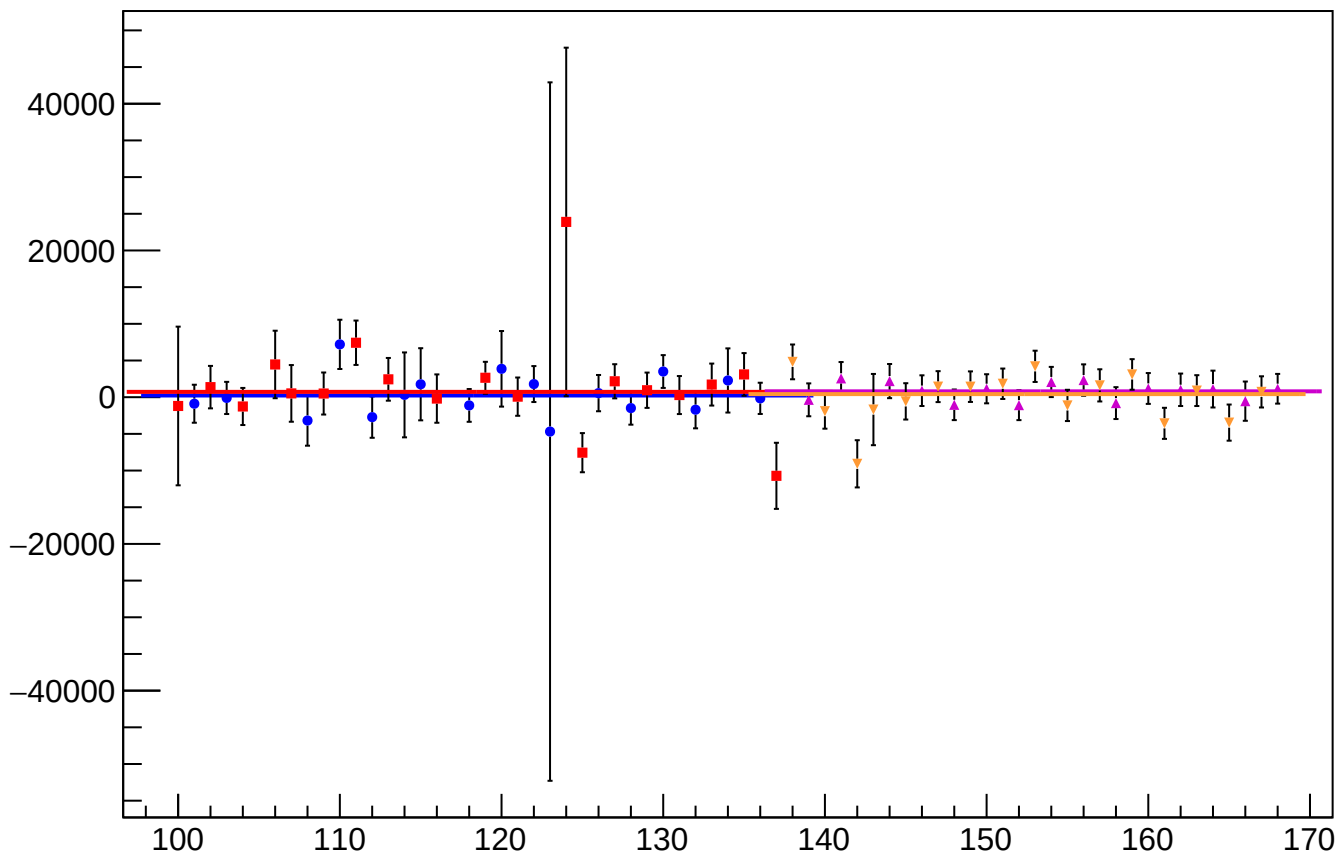
Left In: 5822.004 $\pm$ 1.222 χ^2 /NDF: 773547.7/14

+ sign 4056.208 $\pm$ 0.721 χ^2 /NDF: 5335695.7/32

All: 4046.305 $\pm$ 0.510 χ^2 /NDF: 11403304.5/6

- sign 4036.361 $\pm$ 0.723 χ^2 /NDF: 6067230.9/33

dit_asym_atl_dd_mean vs Slug



Right In: 232.323 $\pm$ 686.786 χ^2 /NDF: 11.5/16

Left Out: 420.718 $\pm$ 571.830 χ^2 /NDF: 26.1/15

Right Out: 726.169 $\pm$ 684.175 χ^2 /NDF: 25.8/18

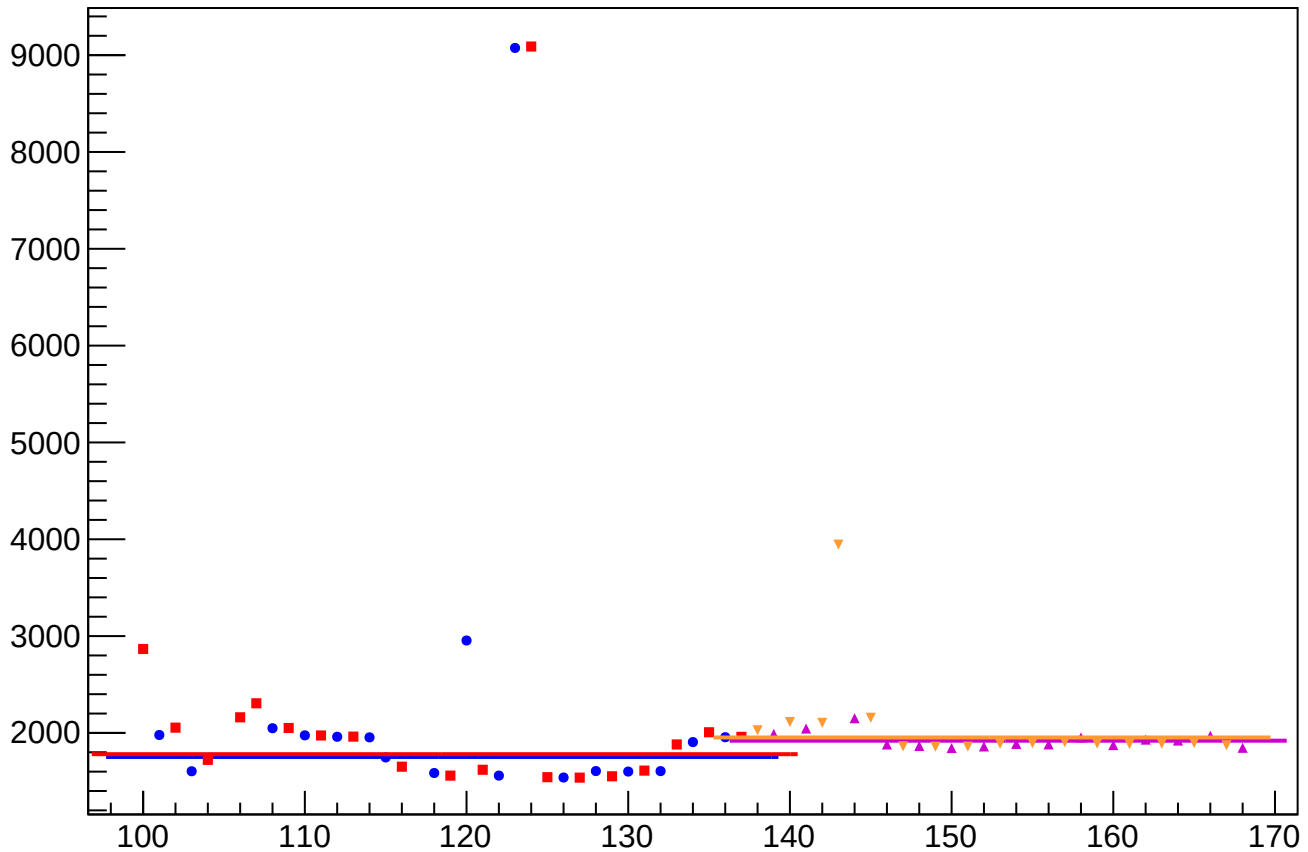
Left In: 797.885 $\pm$ 561.033 χ^2 /NDF: 4.7/14

+ sign 343.585 $\pm$ 439.446 χ^2 /NDF: 37.7/32

All: 559.056 $\pm$ 308.729 χ^2 /NDF: 68.7/66

- sign 769.050 $\pm$ 433.826 χ^2 /NDF: 30.5/33

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1952.748+/-0.404 χ^2/NDF : 391633.9/15

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

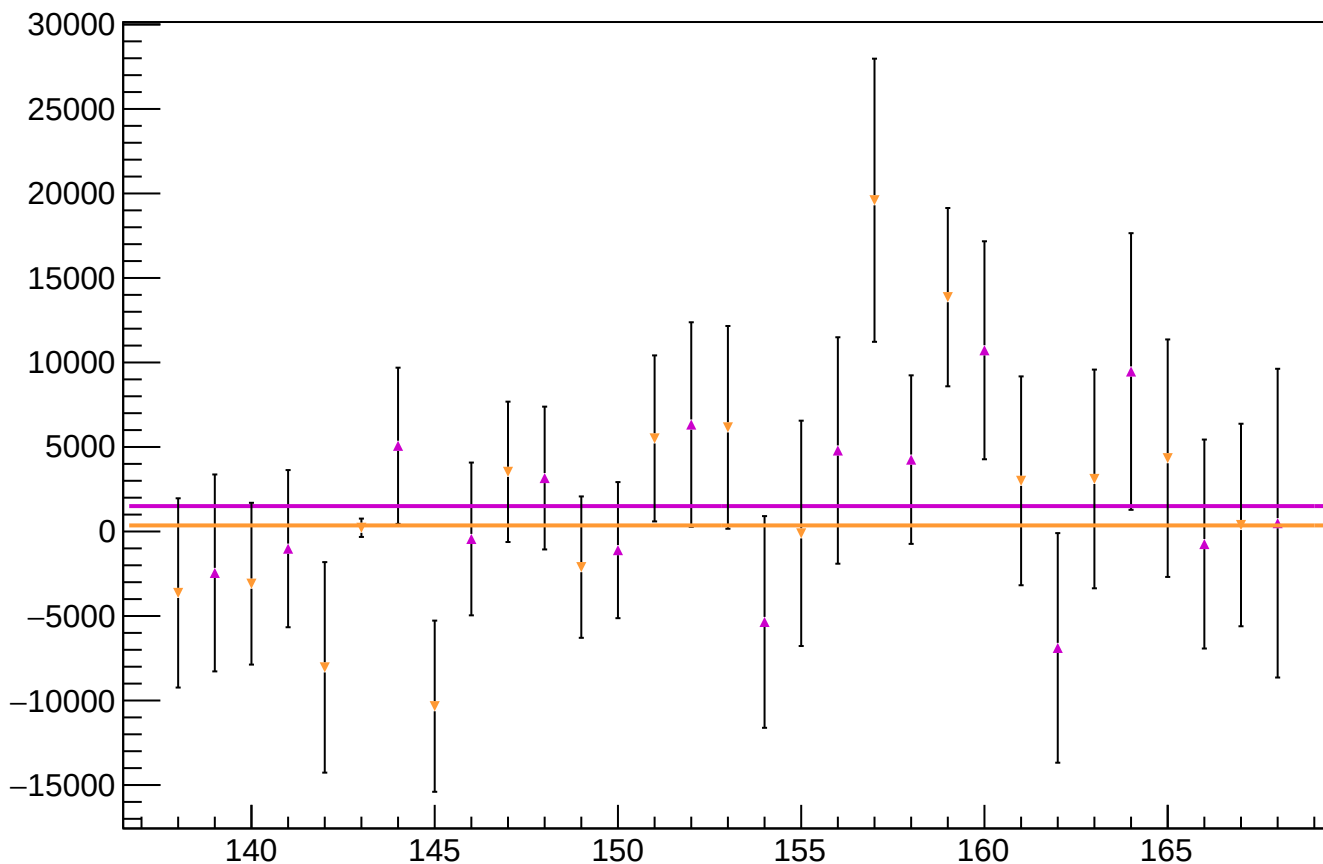
Left In: 1919.670+/-0.397 χ^2/NDF : 40764.3/14

+ sign 1870.496+/-0.311 χ^2/NDF : 793600.4/32

All: 1866.946+/-0.218 χ^2/NDF : 1312732.3/60

- sign 1863.491+/-0.307 χ^2/NDF : 518874.4/33

asym_atl_dd_correction_mean vs Slug



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

Left Out: 359.231+/-507.142 χ^2/NDF : 22.9/15

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

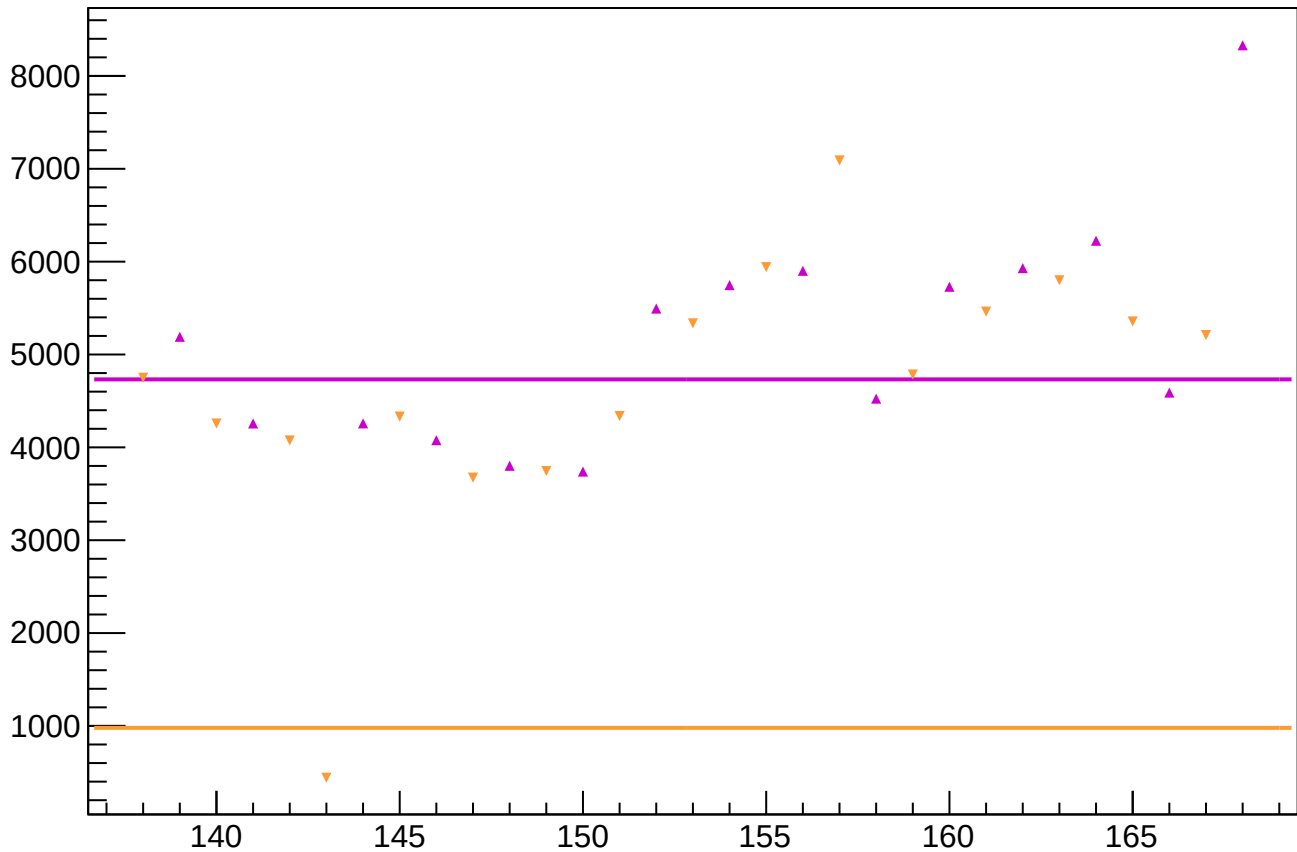
Left In: 1502.533+/-1409.553 χ^2/NDF : 9.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.267+/-477.196 χ^2/NDF : 32.6/30

- 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: 979.081+/-0.359 χ^2/NDF :16030080.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

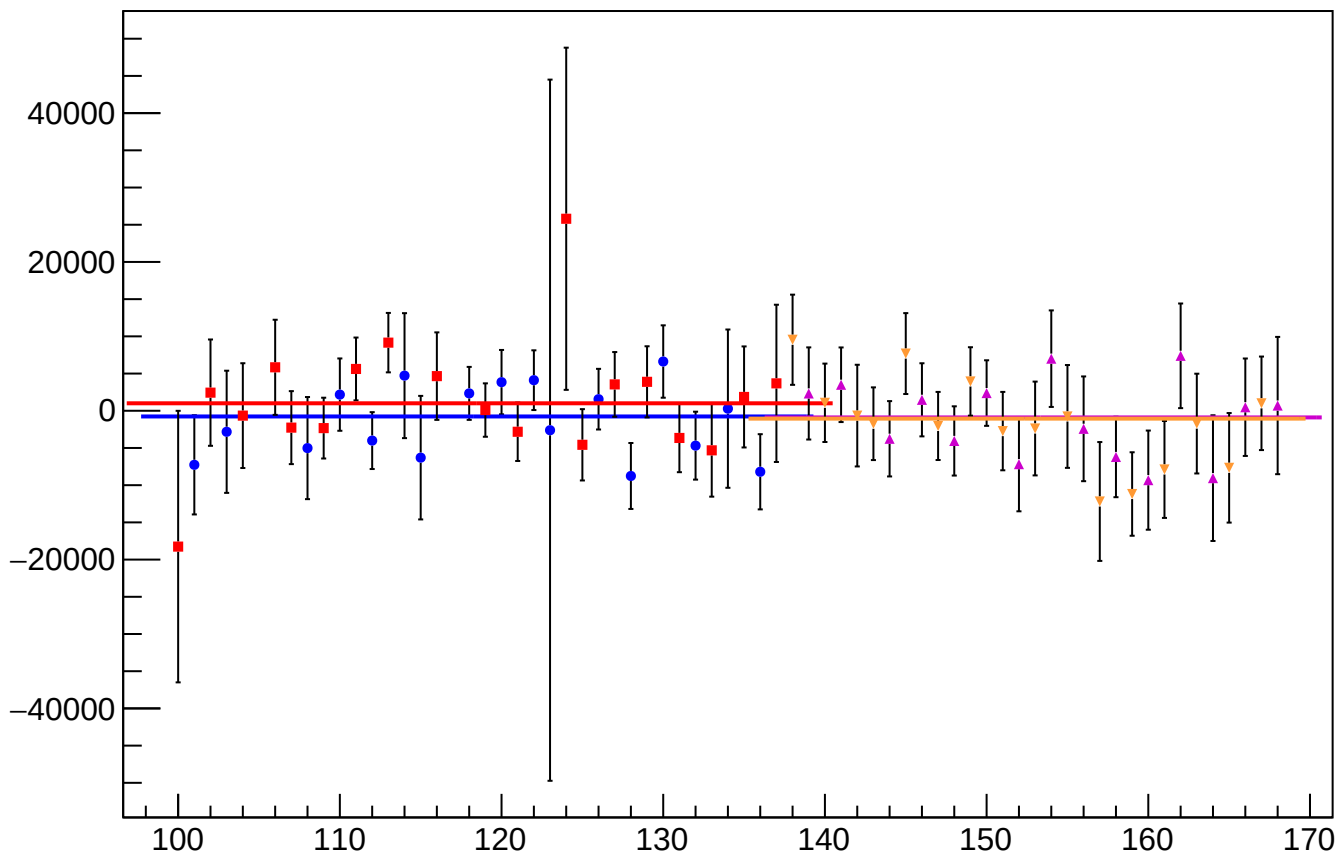
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1409.240+/-0.337 χ^2/NDF : 29536188.0/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4732.249+/-0.997 χ^2/NDF :951680.7/14

asym_atl_dd_mean vs Slug



Right In: -765.107 ± 1247.704 $\chi^2/\text{NDF}: 15.5/16$

Left Out: -1055.251 ± 1451.382 $\chi^2/\text{NDF}: 14.4/15$

Right Out: 1004.792 ± 1191.116 $\chi^2/\text{NDF}: 15.0/18$

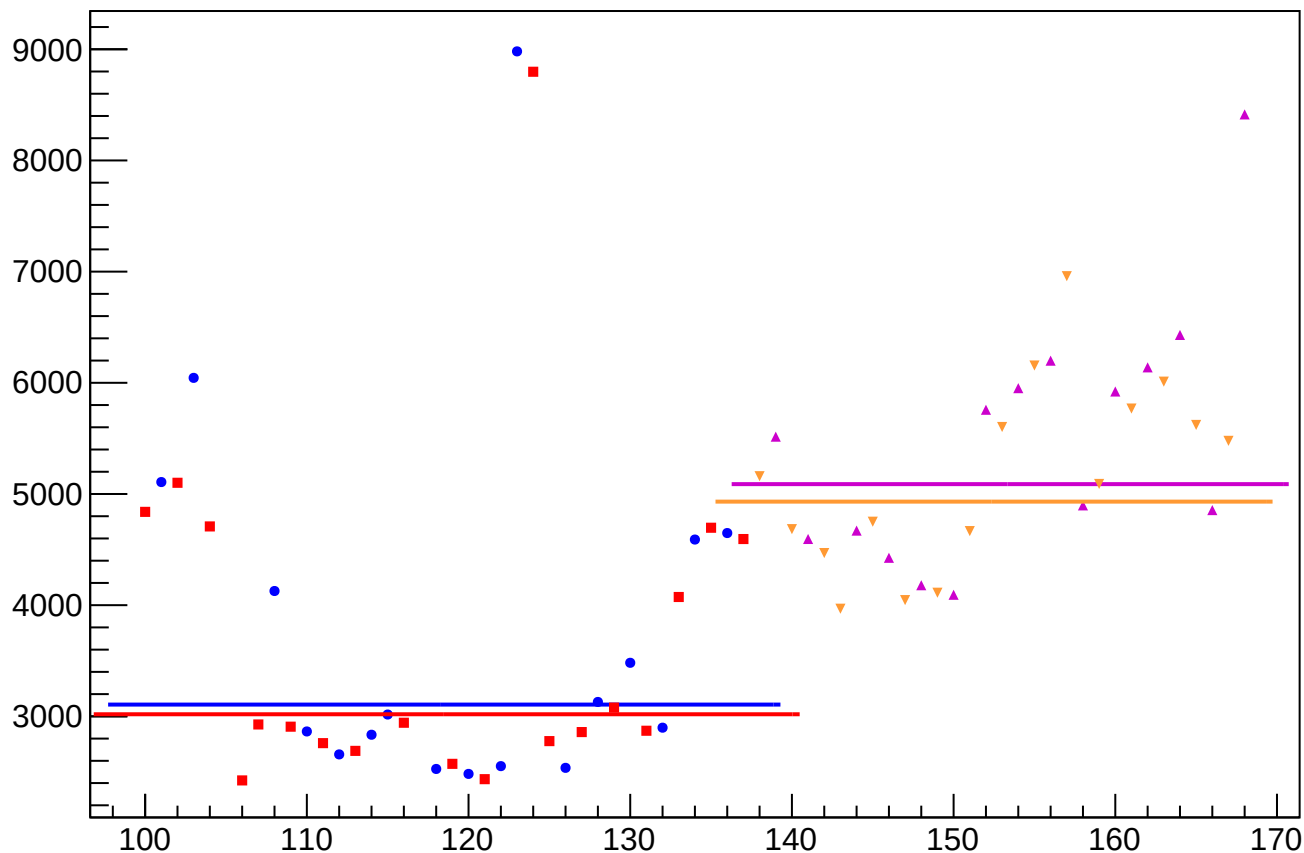
Left In: -894.298 ± 1509.341 $\chi^2/\text{NDF}: 10.1/14$

+ sign -888.408 ± 946.147 $\chi^2/\text{NDF}: 30.0/32$

All: -299.336 ± 665.061 $\chi^2/\text{NDF}: 56.8/66$

- sign 275.972 ± 935.028 $\chi^2/\text{NDF}: 26.1/33$

asym_atl_dd_rms vs Slug



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

Left Out: 4931.368+/-1.026 χ^2/NDF : 573470.0/15

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

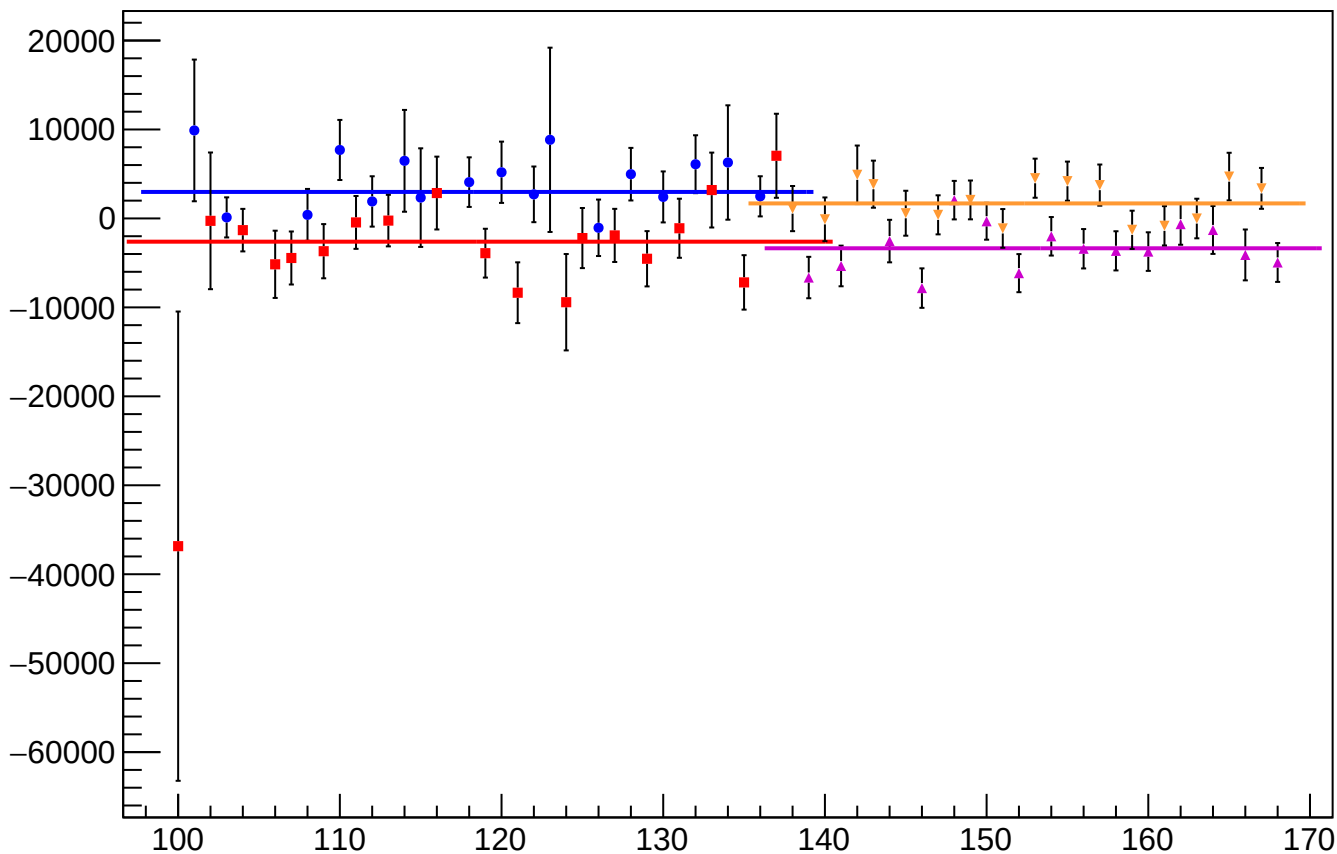
Left In: 5088.686+/-1.067 χ^2/NDF : 756128.3/14

+ sign 3881.627+/-0.669 χ^2/NDF : 3352723.7/32

All: 3840.484+/-0.468 χ^2/NDF : 7250688.3/60

- sign 3800.921+/-0.656 χ^2/NDF : 3890546.1/33

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1687.749 $\pm$ 587.871 χ^2 /NDF:13.8/15

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

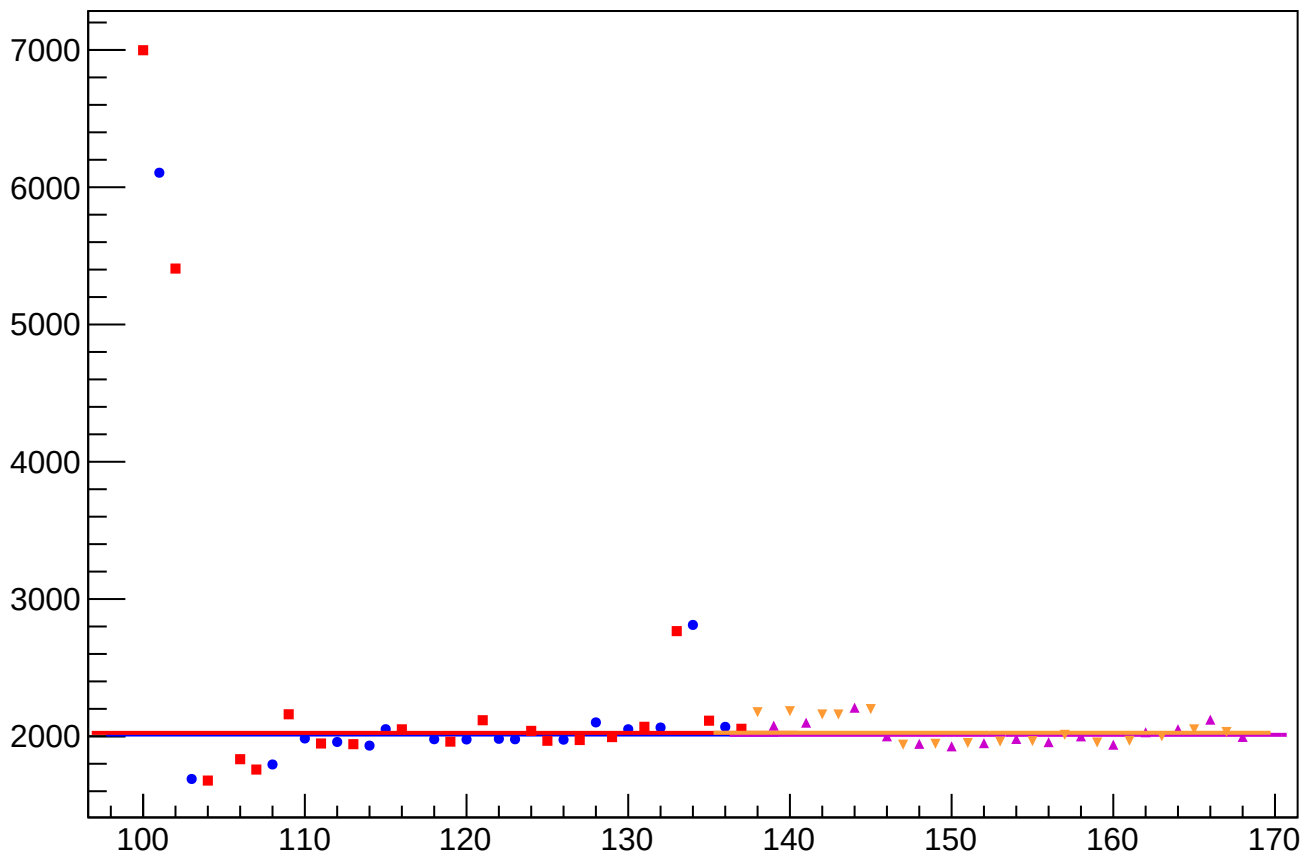
Left In: -3356.423 $\pm$ 586.173 χ^2 /NDF:20.0/14

+ sign 2143.721 $\pm$ 472.761 χ^2 /NDF: 25.4/32

All: -492.300 $\pm$ 333.061 χ^2 /NDF: 127.3/66

- sign -3089.835 $\pm$ 469.297 χ^2 /NDF: 40.2/33

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2025.900+/-0.416 χ^2/NDF : 48364.5/15

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

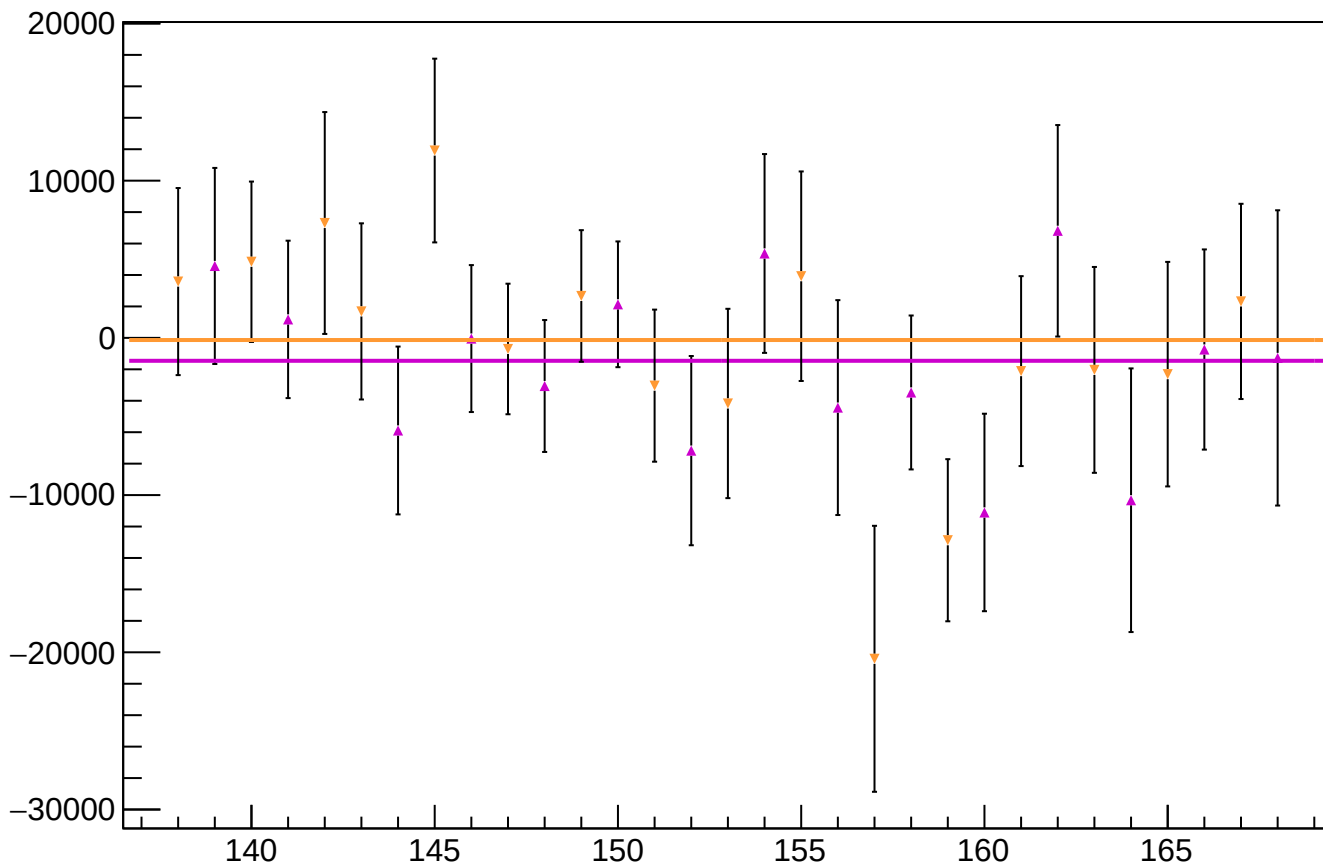
Left In: 2010.779+/-0.414 χ^2/NDF : 32552.9/14

+ sign 2021.323+/-0.334 χ^2/NDF : 666415.1/32

All: 2018.597+/-0.235 χ^2/NDF : 1296949.4/60

- sign 2015.912+/-0.332 χ^2/NDF : 630402.4/33

asym_atr_avg_correction_mean vs Slug



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

Left Out: -136.694 $\pm$ 1409.033 χ^2 /NDF:20.7/15

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

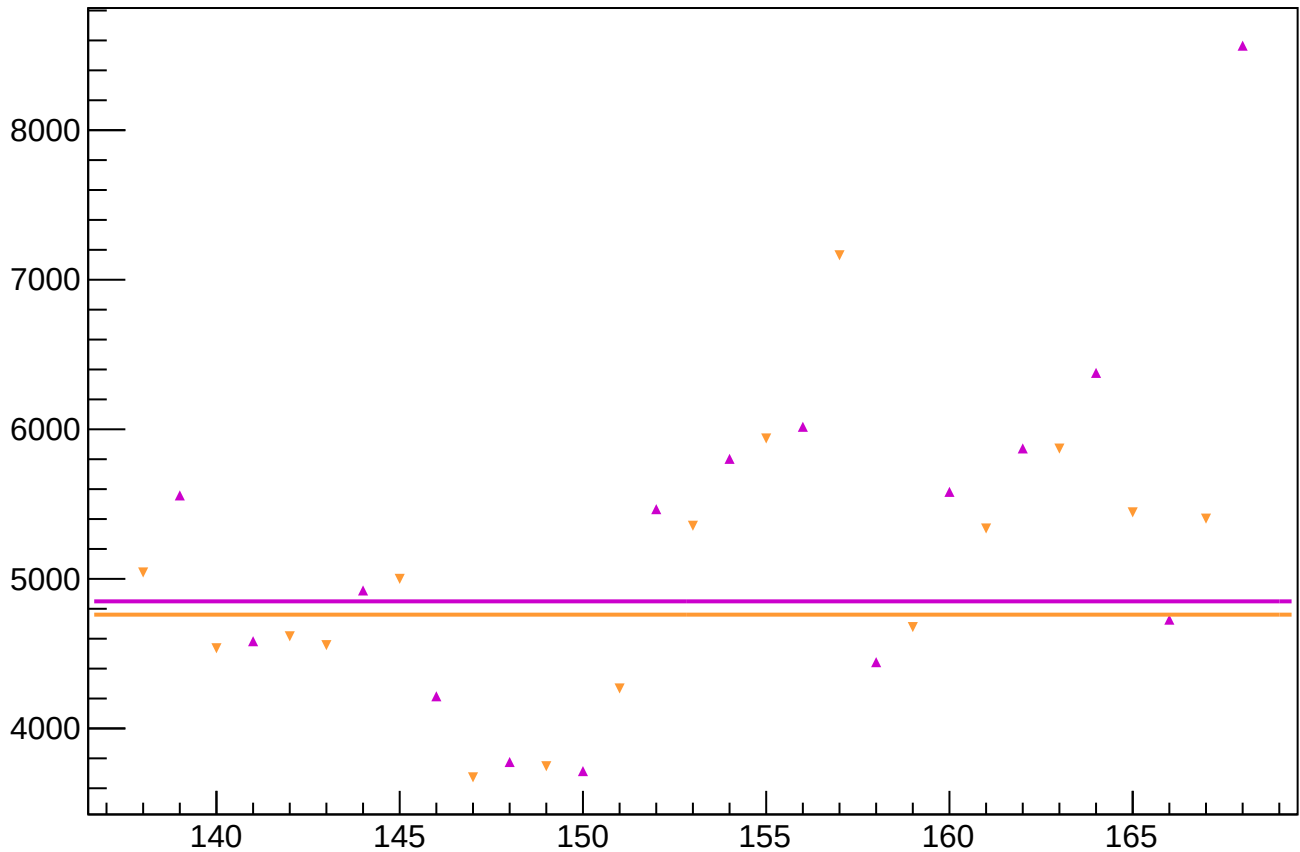
Left In: -1458.027 $\pm$ 1444.507 χ^2 /NDF:10.4/14

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

All: -780.937 $\pm$ 1008.645 χ^2 /NDF: 31.6/30

- sign 0.000 $\pm$ 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: 4760.796+/-0.996 χ^2/NDF : 649843.2/15

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

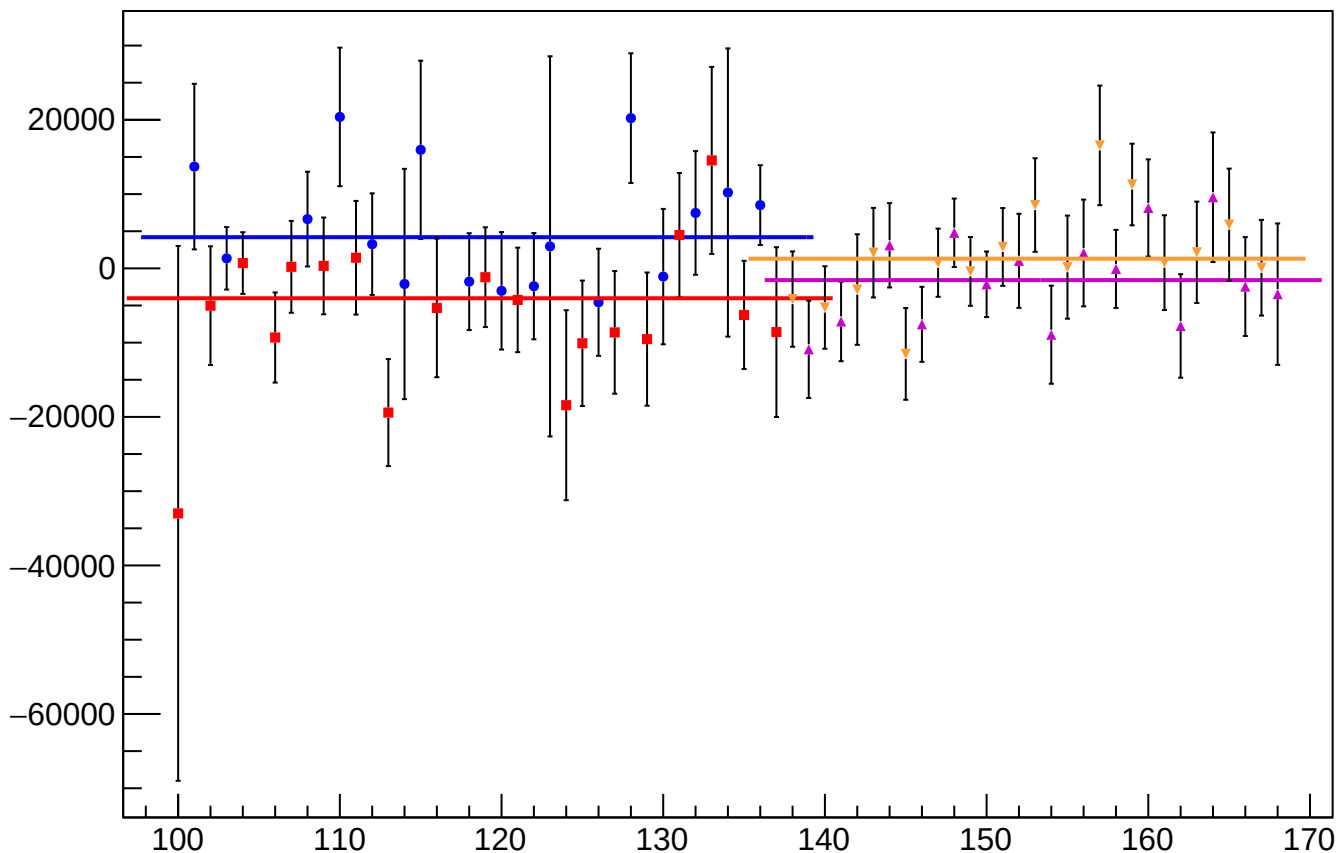
Left In: 4849.675+/-1.021 χ^2/NDF : 952951.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4804.131+/-0.713 χ^2/NDF : 1606674.5/30

- 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: 1302.126+/-1505.564 χ^2/NDF : 15.7/15

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

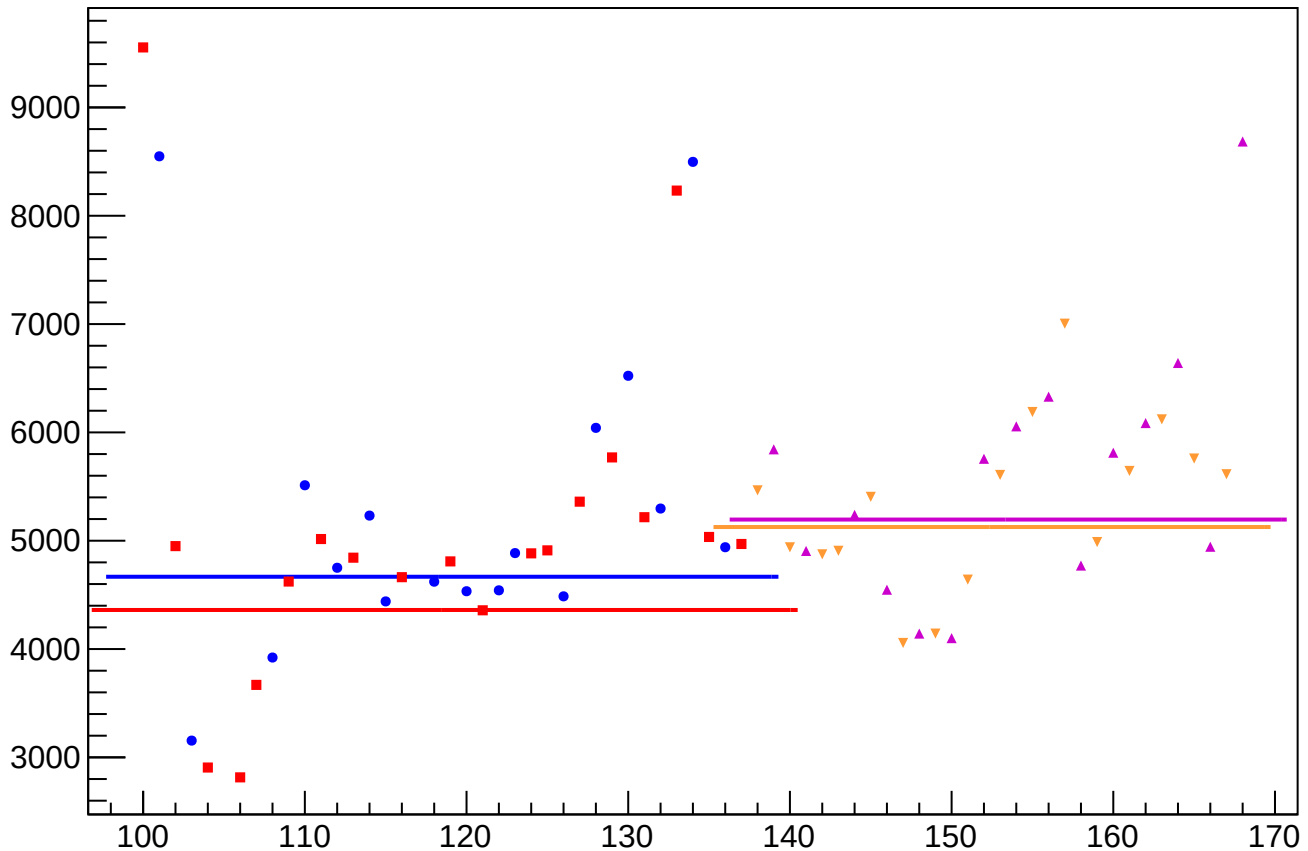
Left In: -1581.282+/-1541.270 χ^2/NDF : 13.5/14

+ sign 2450.380+/-1169.691 χ^2/NDF : 31.2/32

All: -152.297+/-819.823 χ^2/NDF : 70.5/66

- sign -2665.398+/-1149.386 χ^2/NDF : 29.5/33

asym_atr_avg_rms vs Slug



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

Left Out: 5126.331+/-1.065 χ^2/NDF : 482547.3/15

+ sign 4944.435+/-0.827 χ^2/NDF : 1334049.0/32

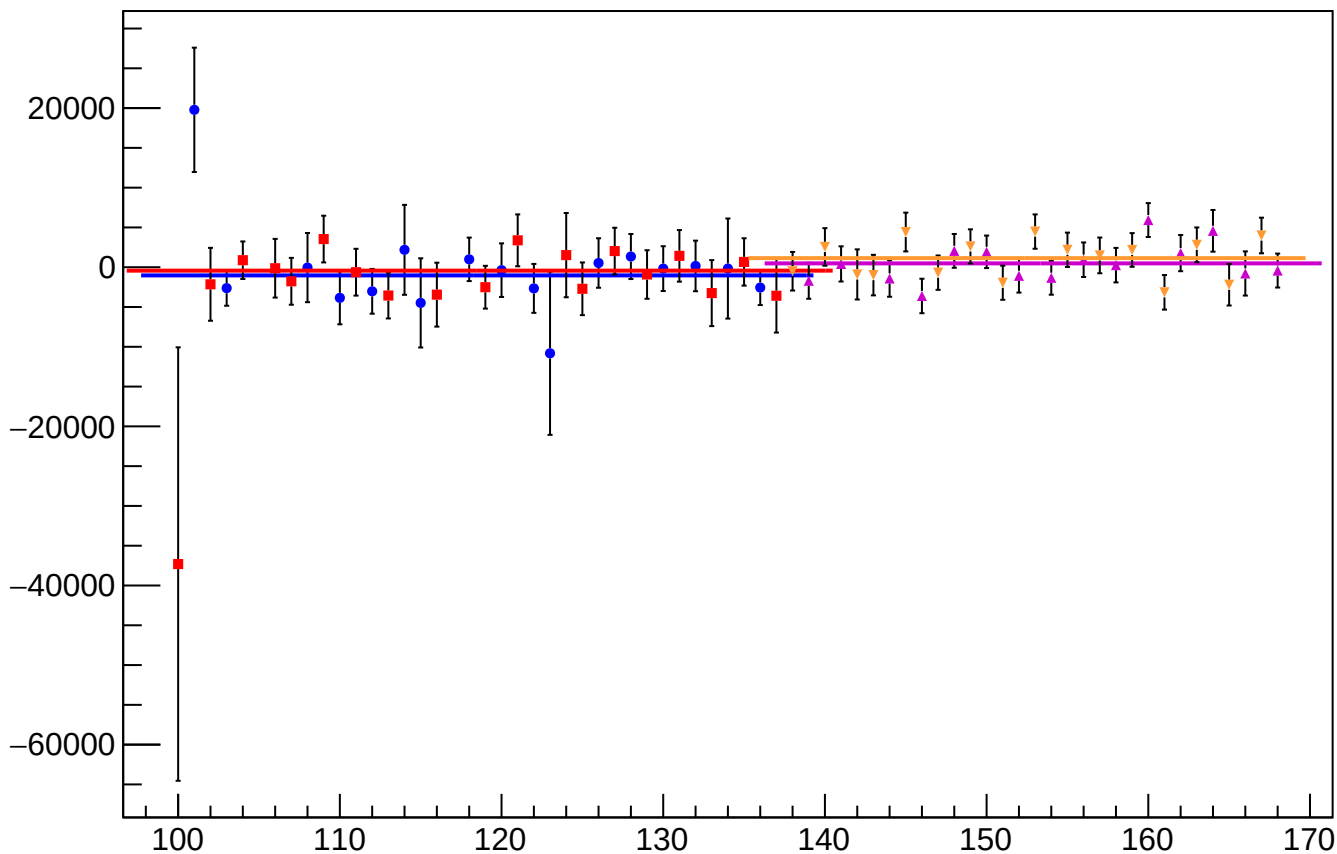
Right Out: 4360.582+/-1.213 χ^2/NDF : 832745.2/18

All: 4882.212+/-0.579 χ^2/NDF : 3215368.4/60

- sign 4822.440+/-0.811 χ^2/NDF : 1870223.0/33

Left In: 5195.366+/-1.090 χ^2/NDF : 775376.3/14

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1144.026 ± 573.455 χ^2/NDF : 17.7/15

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

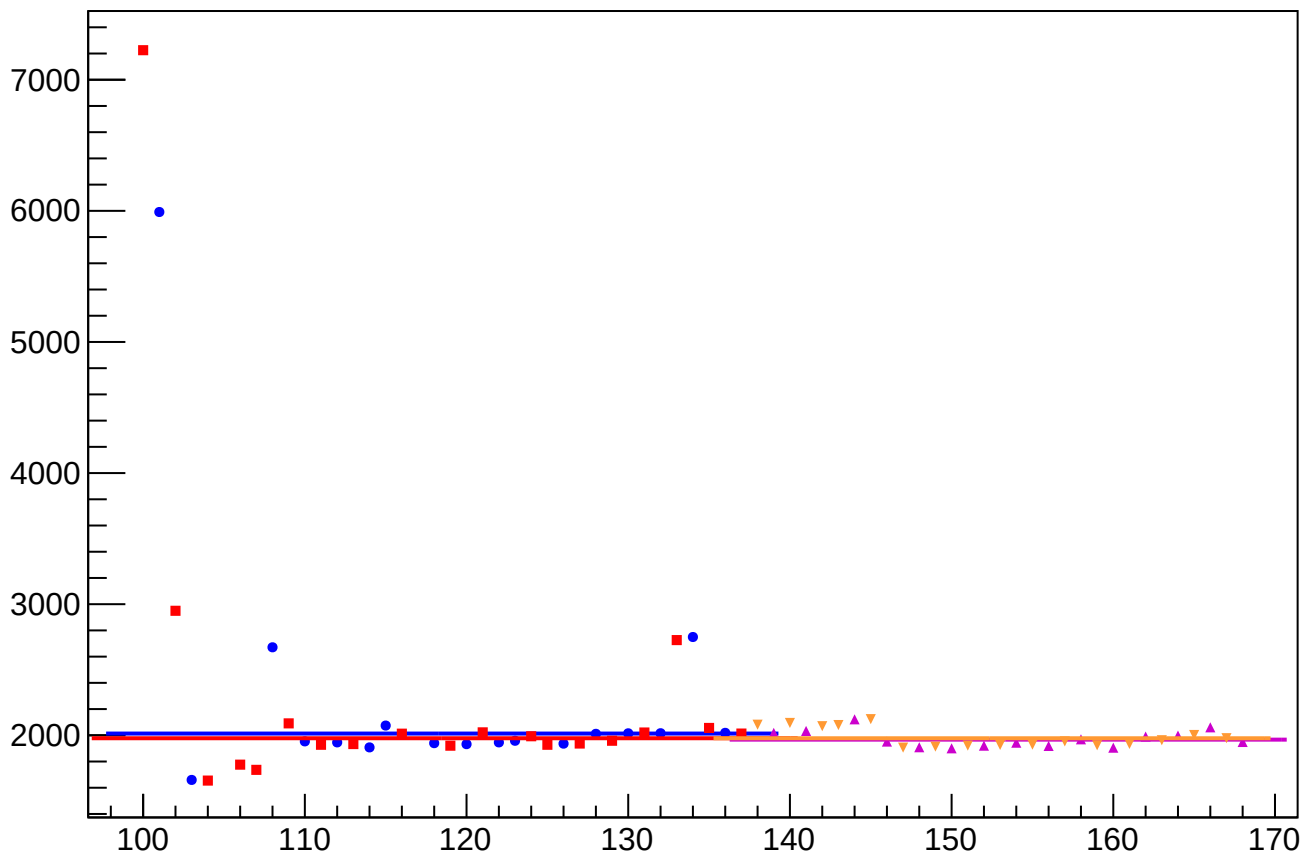
Left In: 483.612 ± 573.181 χ^2/NDF : 17.3/14

+ sign 402.955 ± 465.405 χ^2/NDF : 35.6/32

All: 276.105 ± 326.370 χ^2/NDF : 64.7/66

- sign 153.366 ± 457.802 χ^2/NDF : 28.9/33

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1977.383+/-0.405 χ^2/NDF : 30546.7/15

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

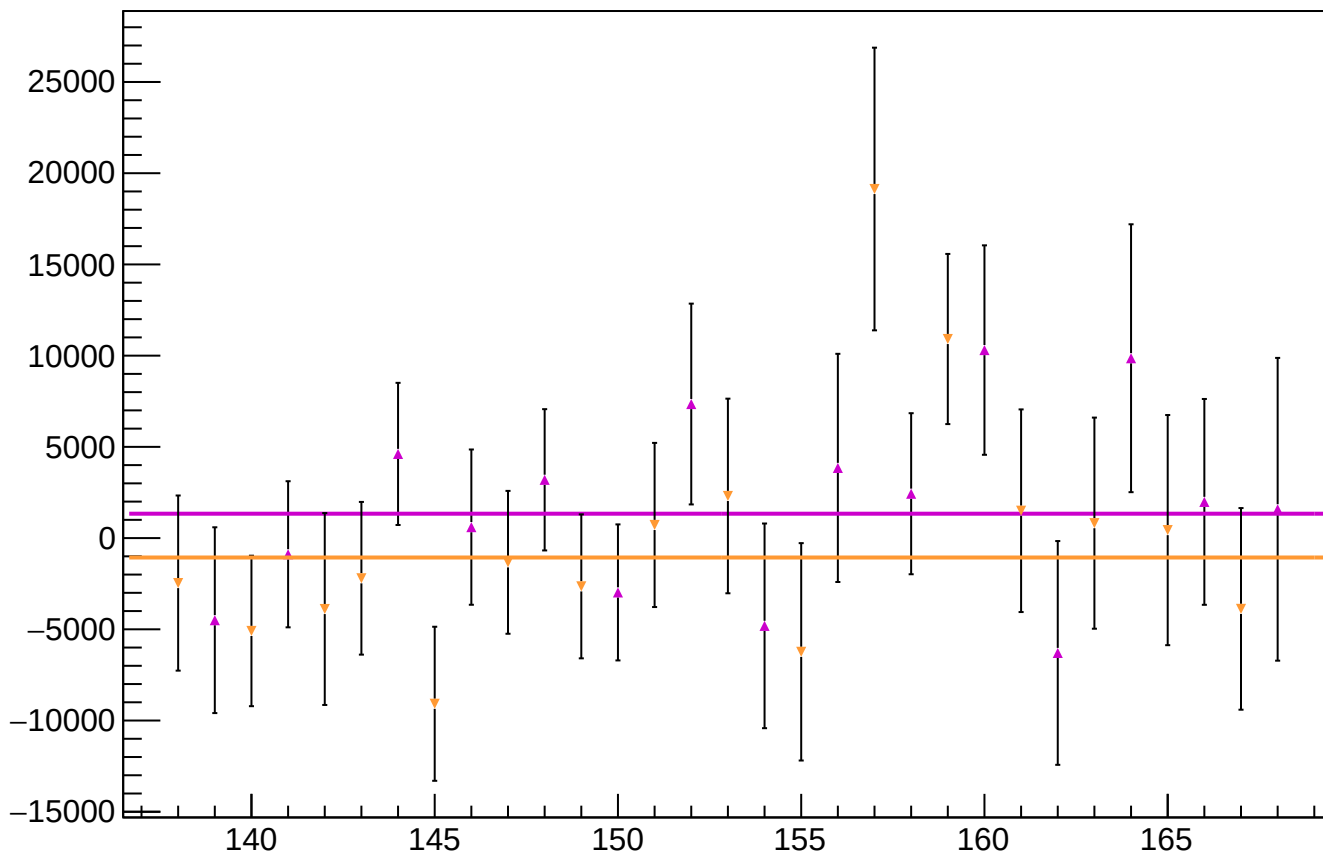
Left In: 1966.878+/-0.405 χ^2/NDF : 22383.1/14

+ sign 1989.632+/-0.329 χ^2/NDF : 683268.9/32

All: 1980.030+/-0.231 χ^2/NDF : 1002477.0/66

- sign 1970.746+/-0.324 χ^2/NDF : 317533.4/33

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1064.044+/-1215.770 χ^2/NDF : 20.5/15

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

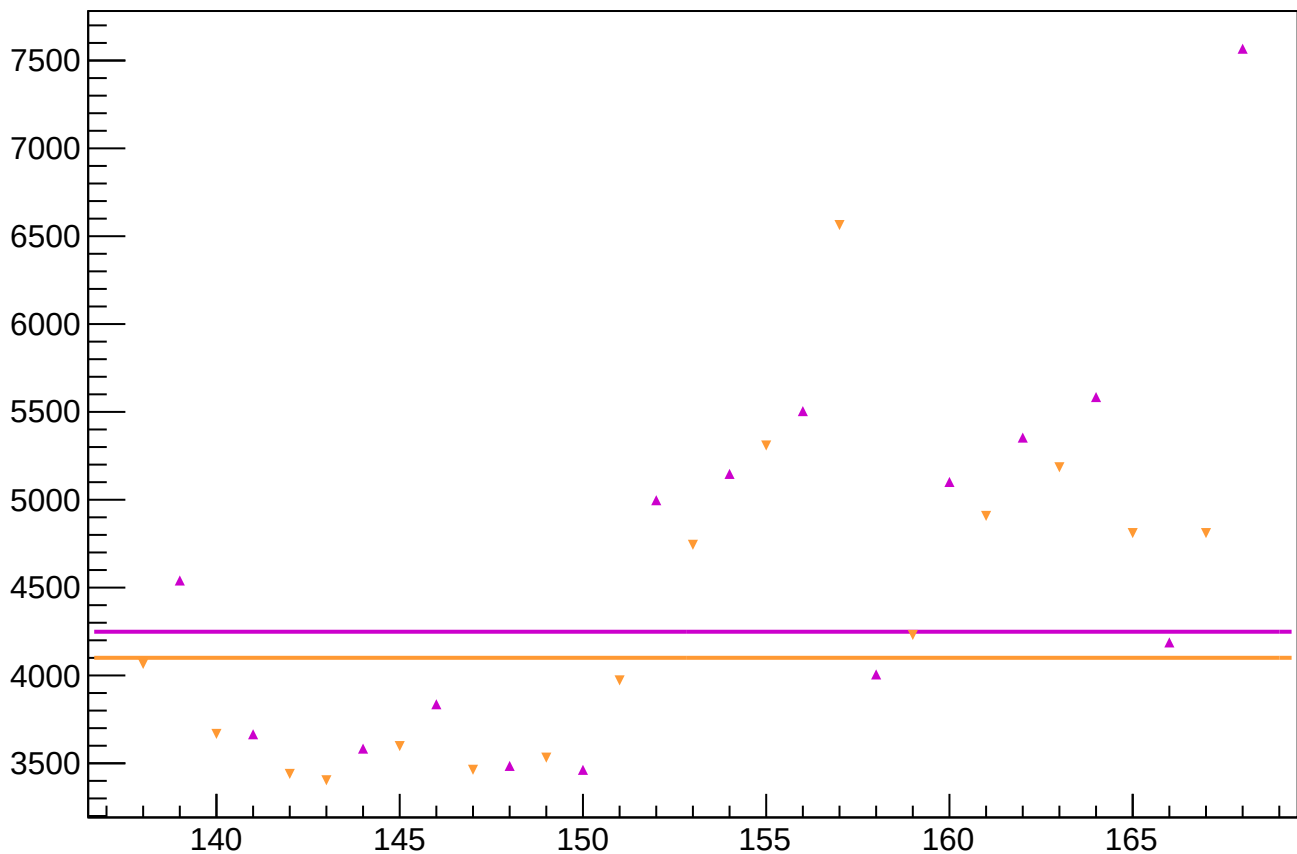
Left In: 1336.535+/-1266.091 χ^2/NDF : 11.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

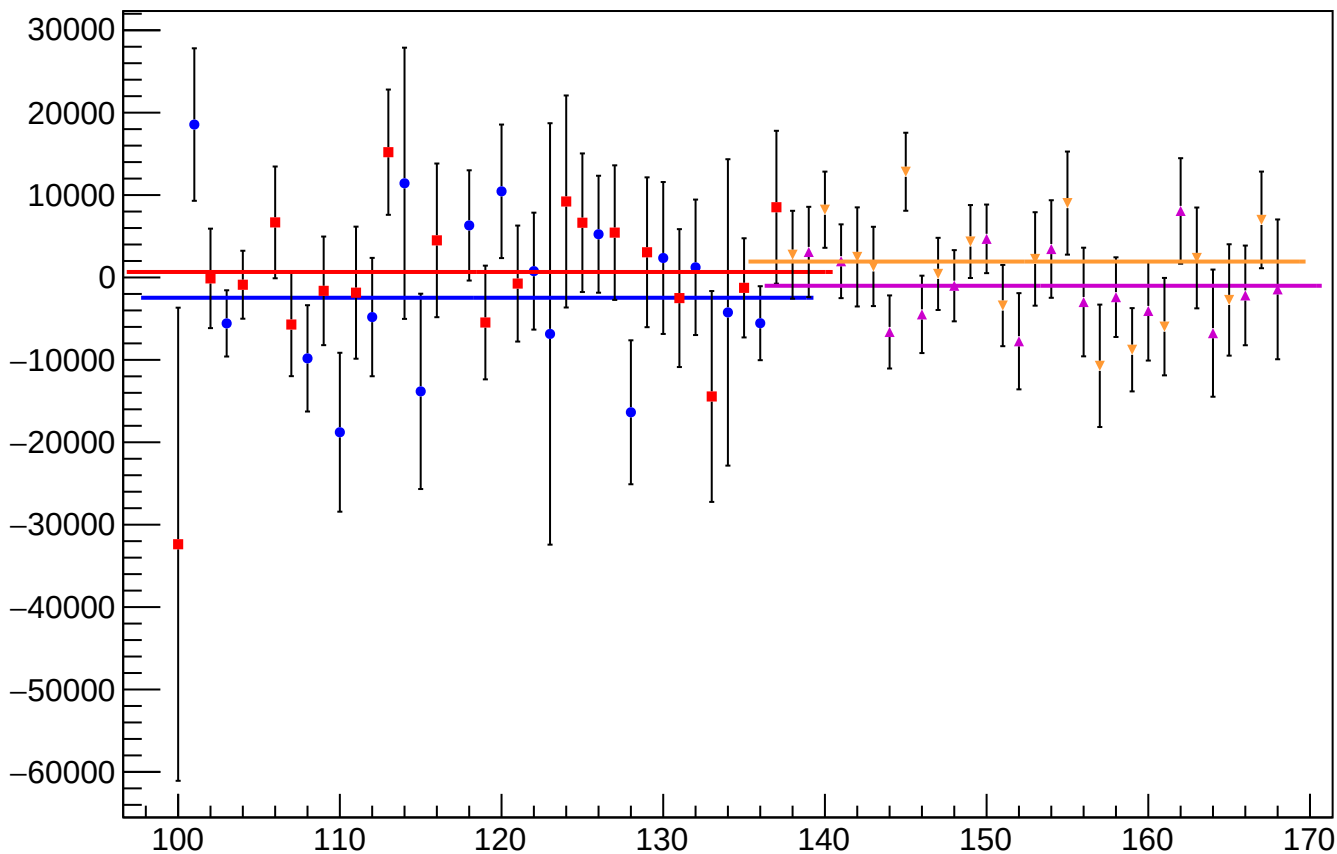
All: 87.593+/-876.929 χ^2/NDF : 34.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_correction_rms vs Slug



asym_atr_dd_mean vs Slug



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

Left Out: 1930.422 ± 1333.890 χ^2/NDF : 20.5/15

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

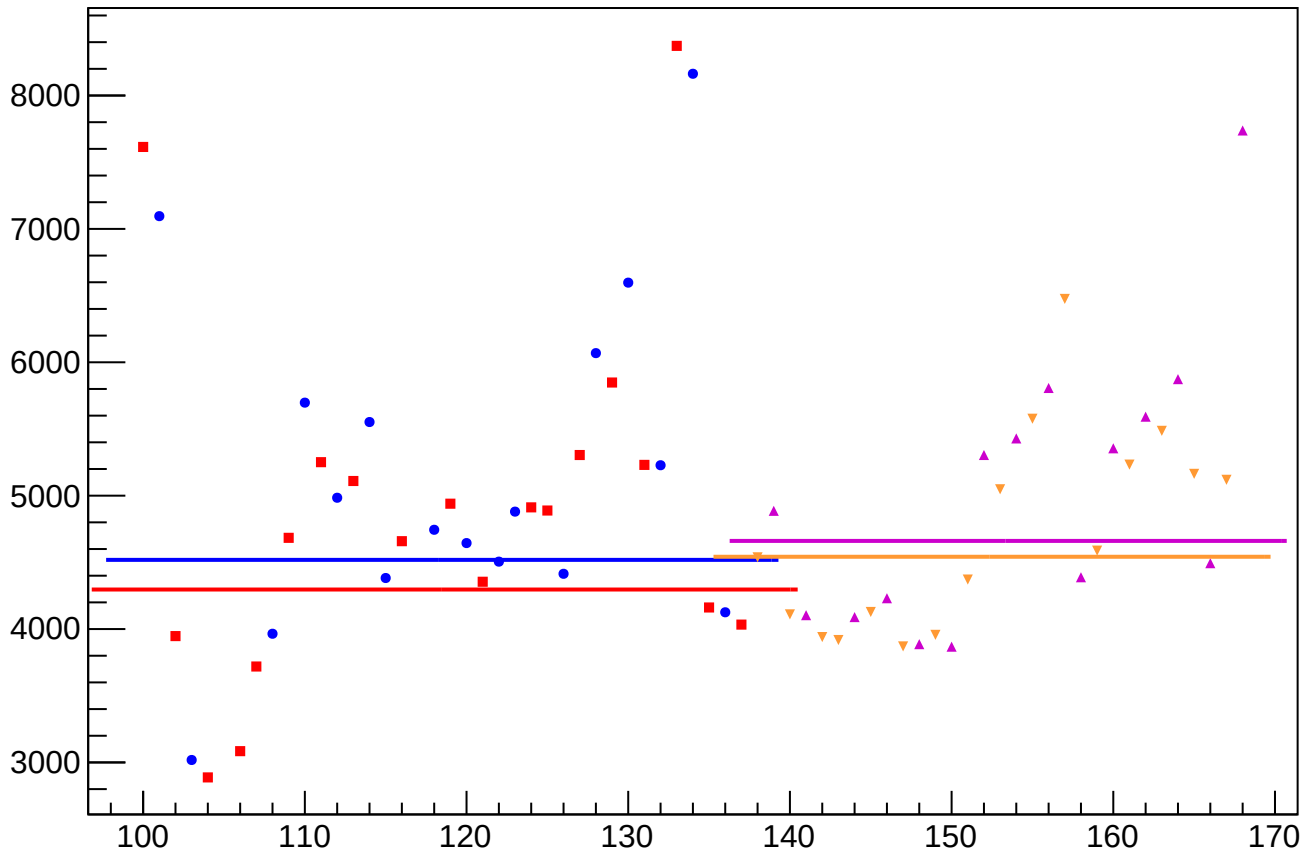
Left In: -1008.070 ± 1380.888 χ^2/NDF : 10.0/14

+ sign 370.249 ± 1071.126 χ^2/NDF : 45.2/32

All: 15.663 ± 756.744 χ^2/NDF : 67.8/66

- sign -337.697 ± 1069.271 χ^2/NDF : 22.4/33

asym_atr_dd_rms vs Slug



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

Left Out: 4542.012+/-0.943 χ^2/NDF : 488496.2/15

+ sign 4533.726+/-0.757 χ^2/NDF : 1258940.3/32

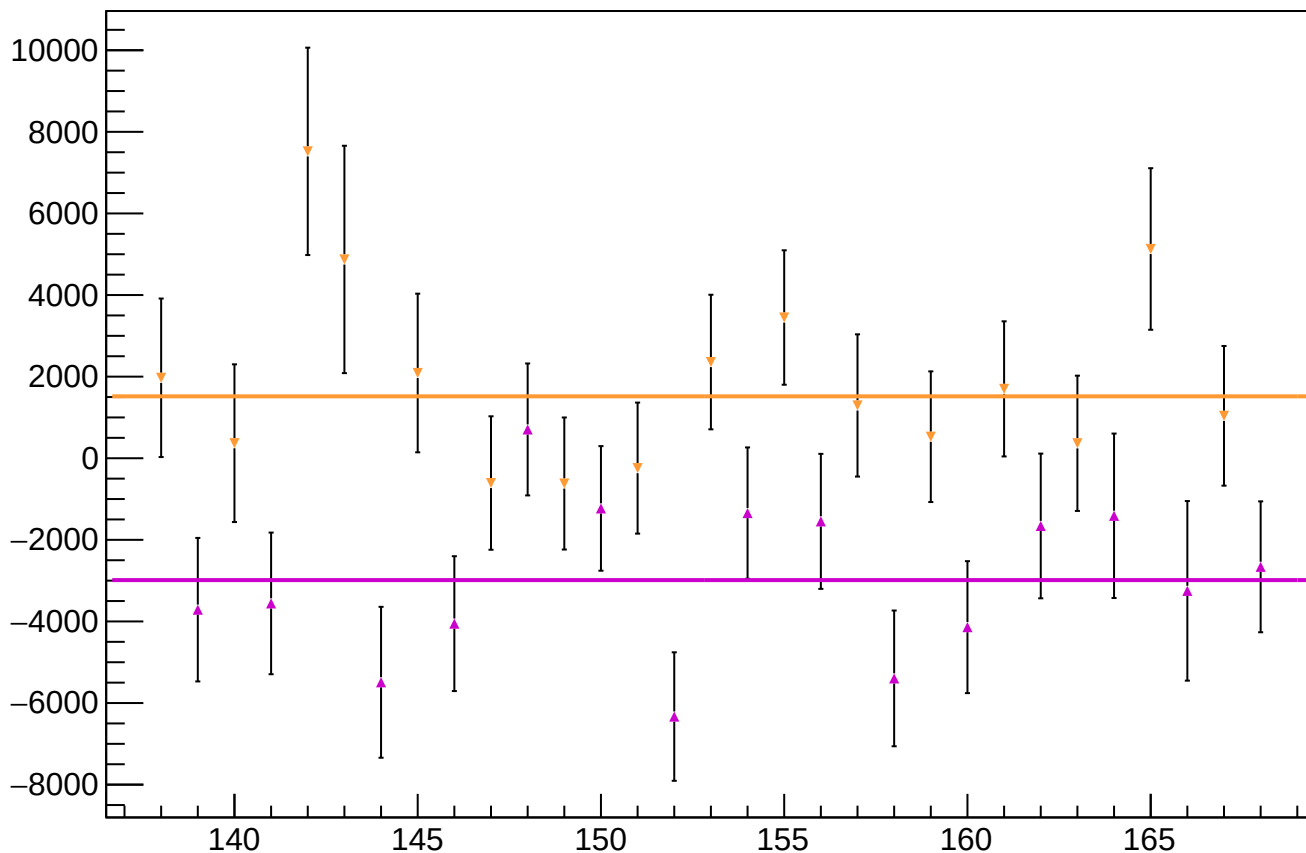
Right Out: 4296.379+/-1.188 χ^2/NDF : 771702.5/18

All: 4523.783+/-0.534 χ^2/NDF : 2816108.7/60

- sign 4513.918+/-0.754 χ^2/NDF : 1556825.1/33

Left In: 4660.813+/-0.976 χ^2/NDF : 728974.0/14

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1517.394+/-447.018 χ^2/NDF : 18.1/15

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

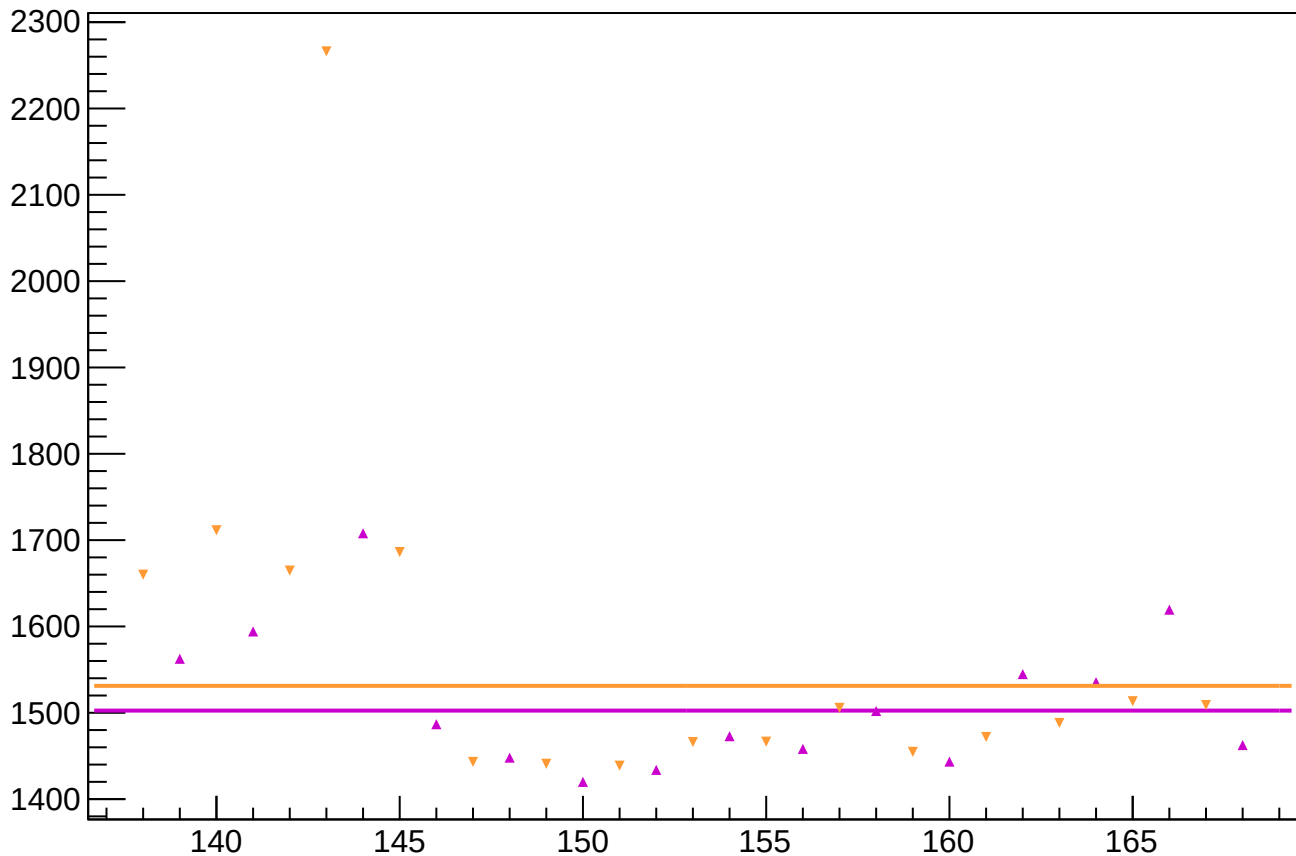
Left In: -2986.768+/-439.265 χ^2/NDF : 19.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -774.085+/-313.312 χ^2/NDF : 89.0/30

- 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: 1531.208+/-0.316 χ^2/NDF :217786.1/15

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

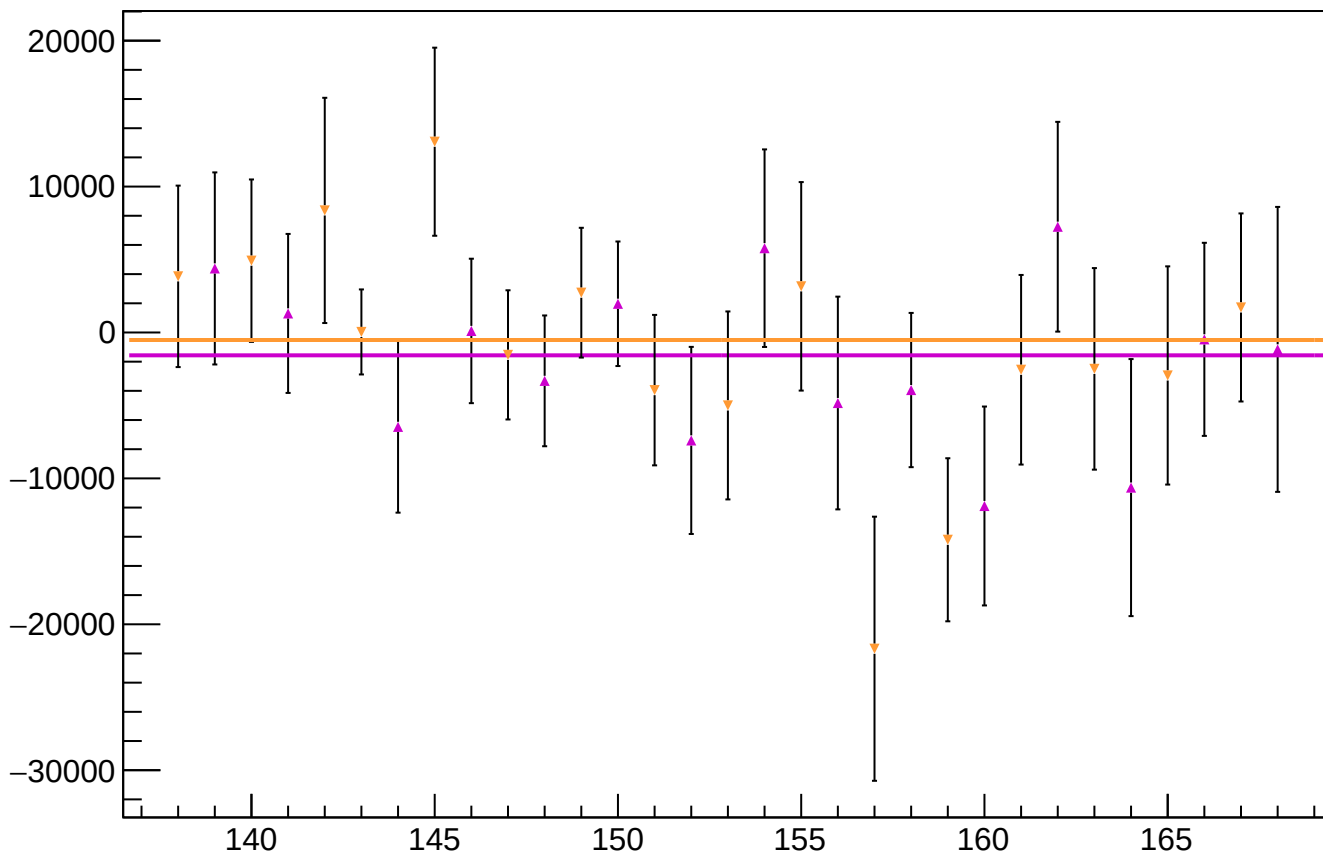
Left In: 1502.529+/-0.311 χ^2/NDF :58024.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.618+/-0.222 χ^2/NDF : 279998.9/30

- 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: -515.308+/-1372.999 χ^2/NDF :20.9/15

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

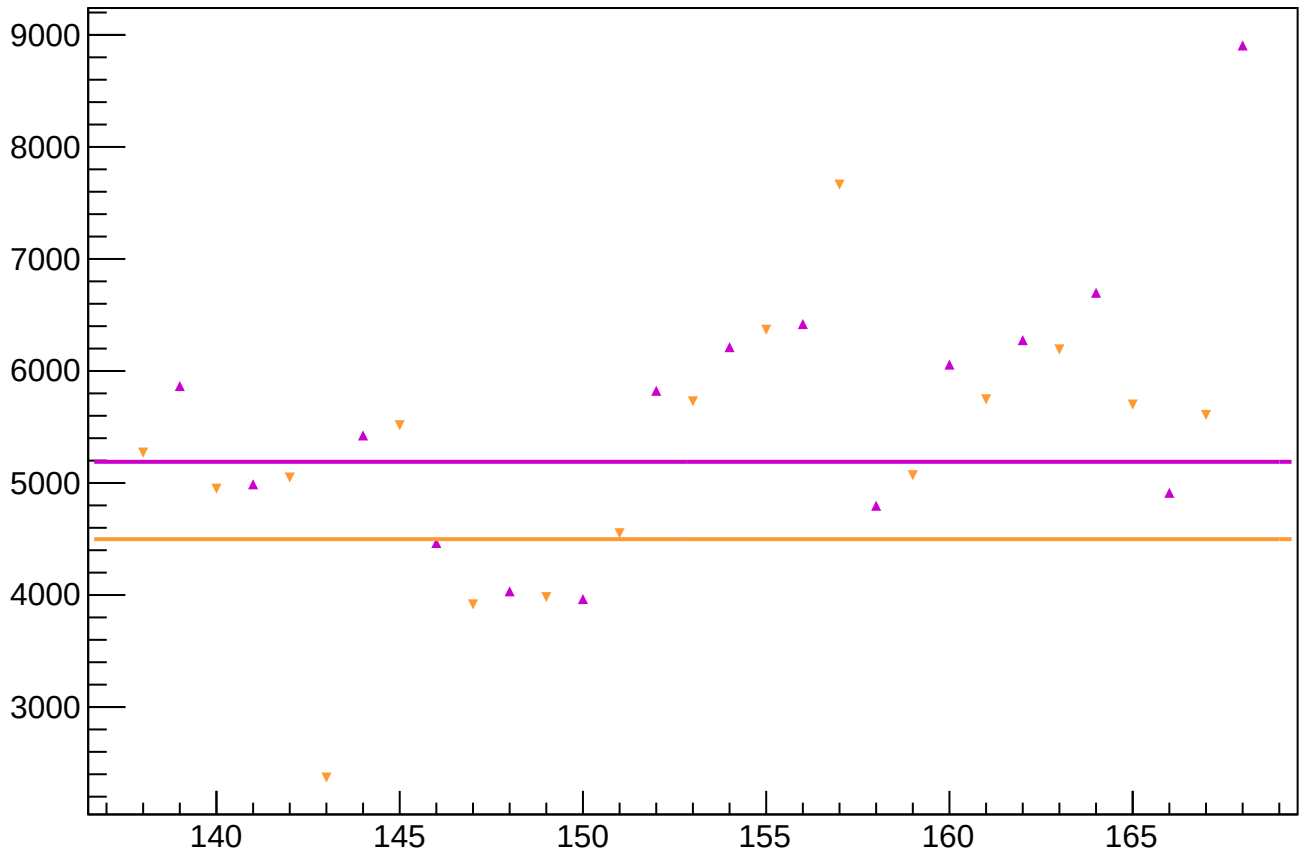
Left In: -1565.761+/-1544.851 χ^2/NDF :10.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -978.880+/-1026.259 χ^2/NDF : 31.2/30

- 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: 4498.909+/-0.971 χ^2/NDF : 2012516.5/15

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

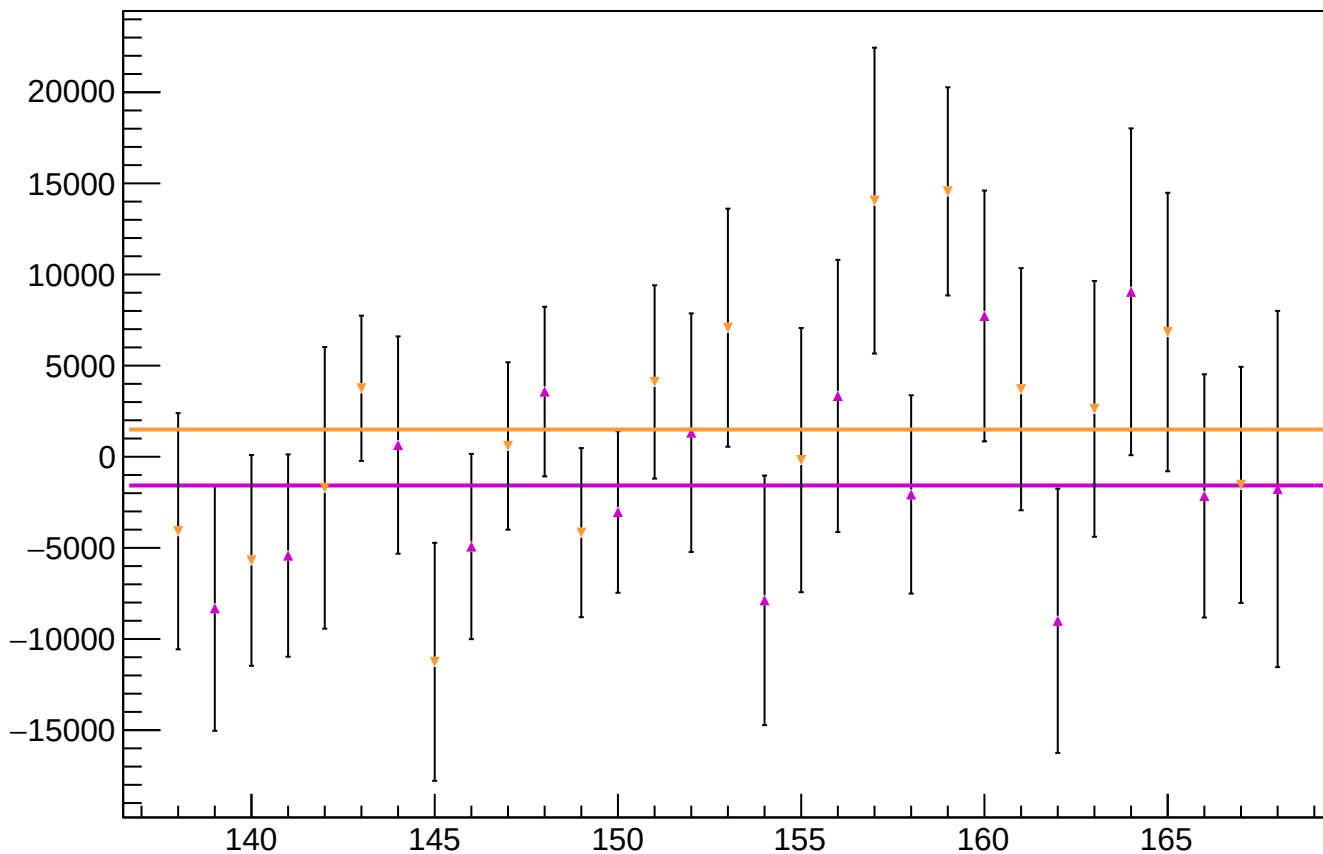
Left In: 5189.152+/-1.092 χ^2/NDF : 931027.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4803.518+/-0.726 χ^2/NDF : 3166610.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1493.819+/-1478.249 χ^2/NDF :17.5/15

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

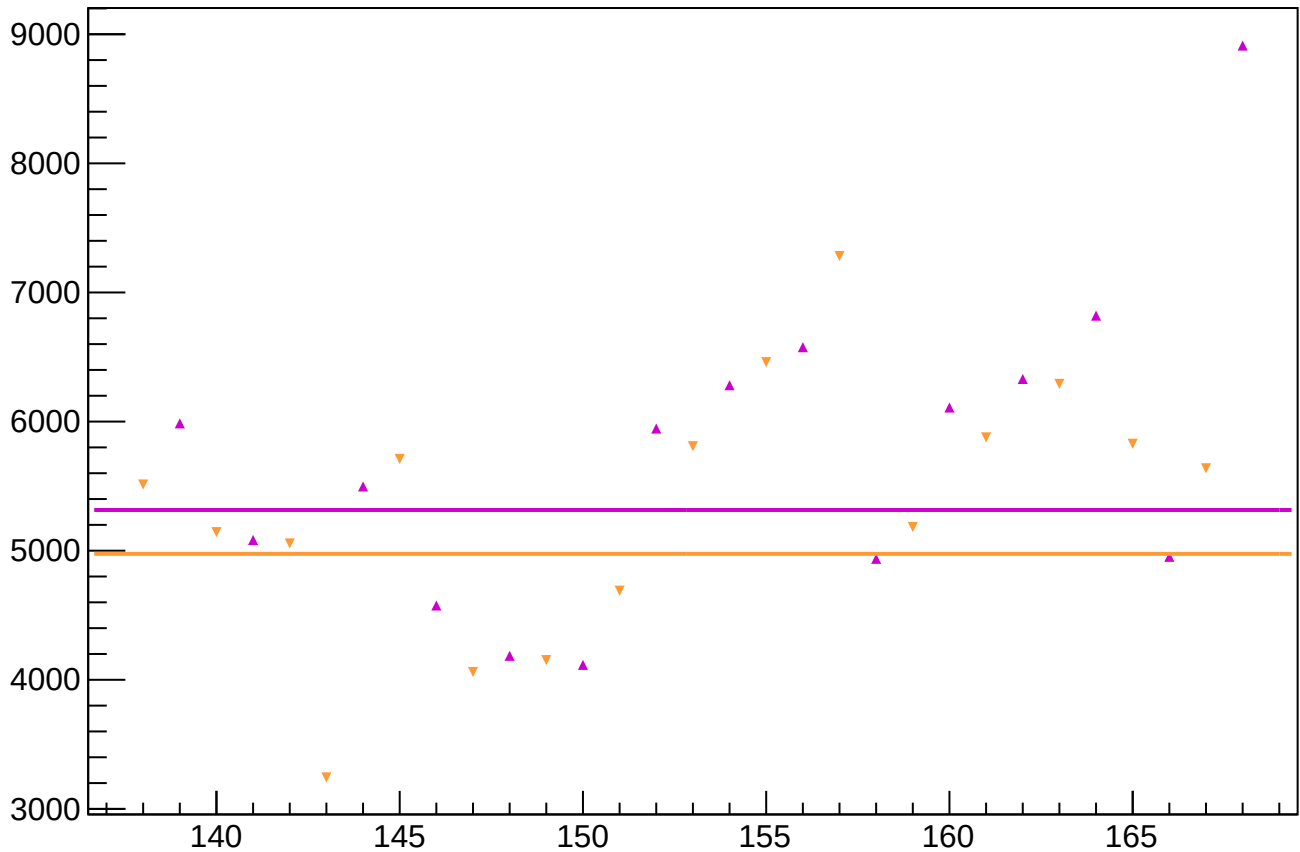
Left In: -1576.027+/-1580.218 χ^2/NDF :9.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.130+/-1079.530 χ^2/NDF : 28.6/30

- 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: 4975.635+/-1.045 χ^2/NDF :990255.8/15

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

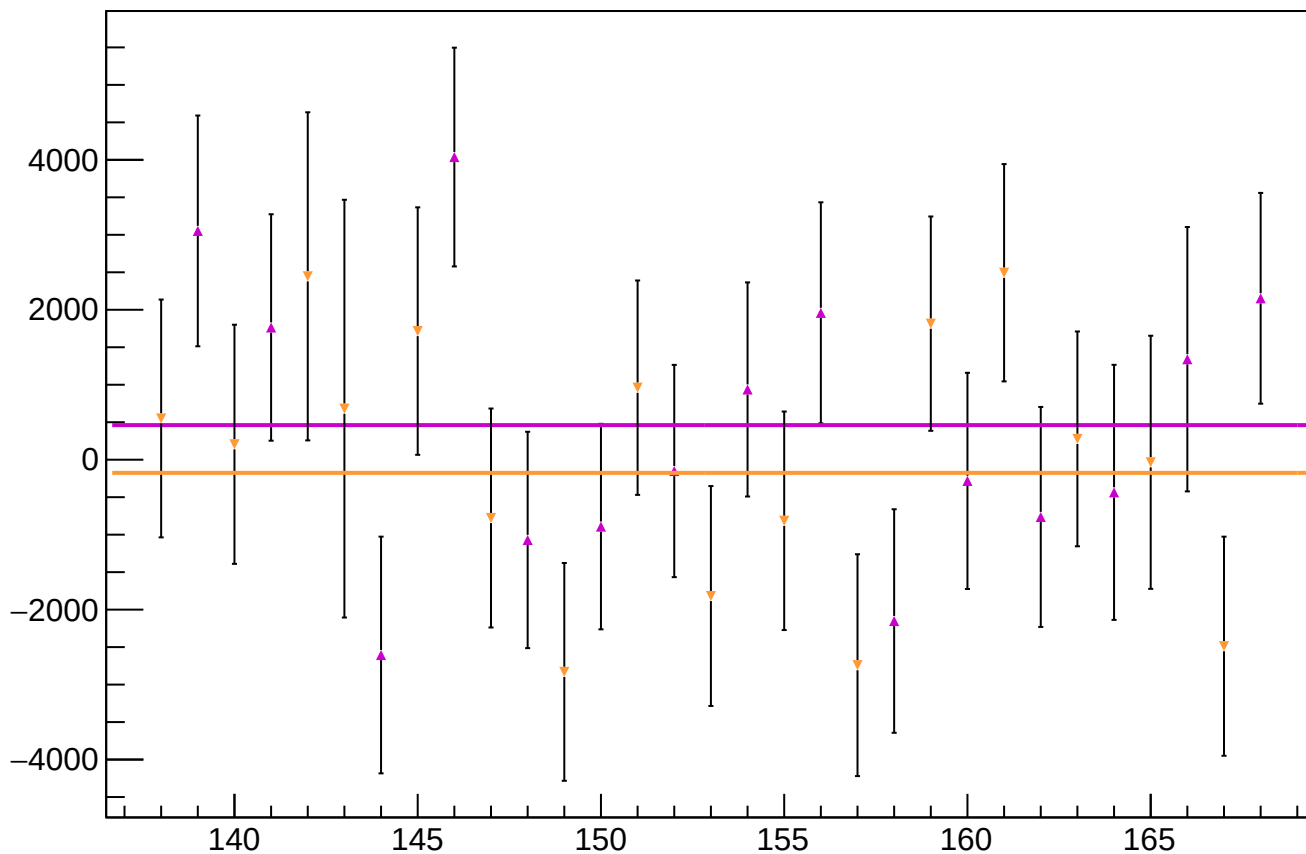
Left In: 5315.329+/-1.117 χ^2/NDF :856235.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5134.170+/-0.763 χ^2/NDF : 1895780.1/30

- 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: -175.266+/-389.519 χ^2/NDF : 19.6/15

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

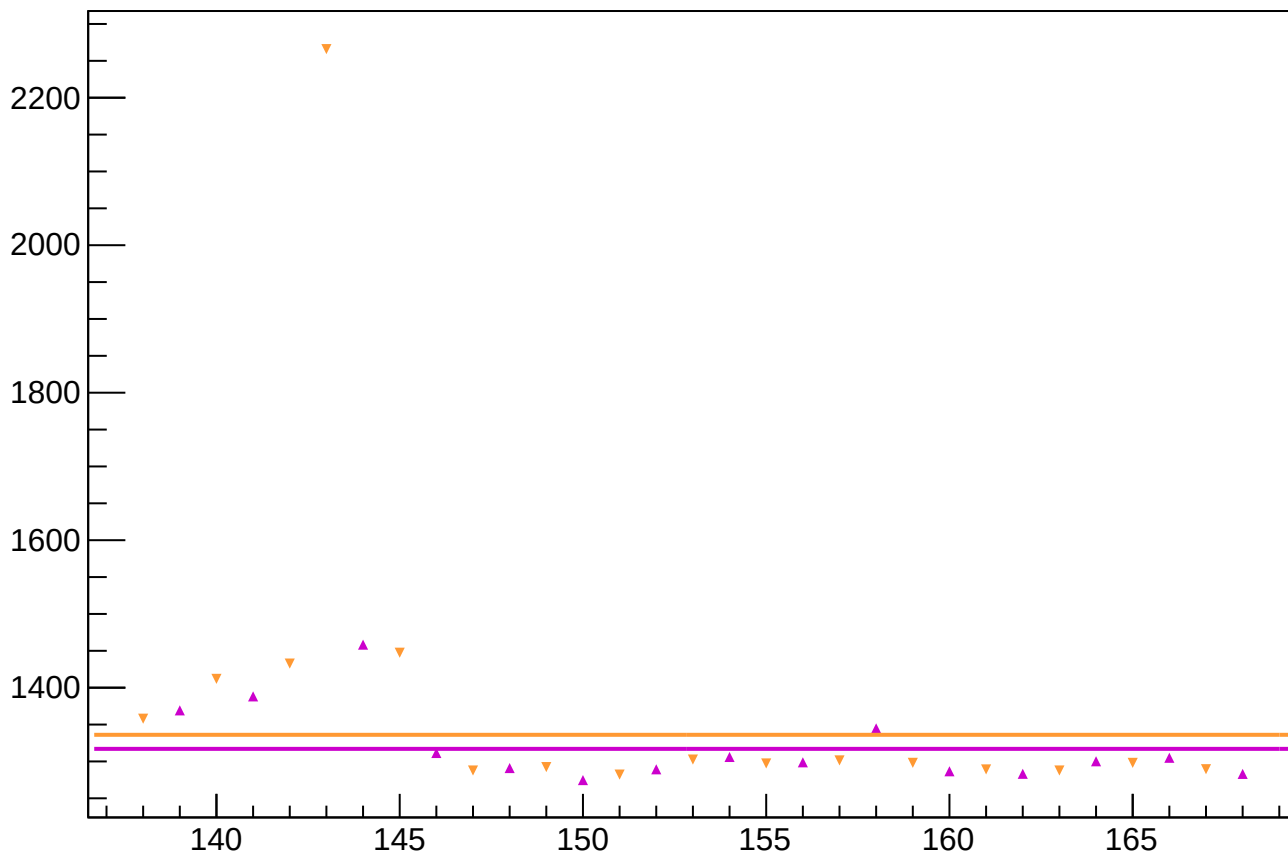
Left In: 461.466+/-384.580 χ^2/NDF : 22.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.162+/-273.669 χ^2/NDF : 43.8/30

- 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: 1336.112+/-0.275 χ^2/NDF : 259866.2/15

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

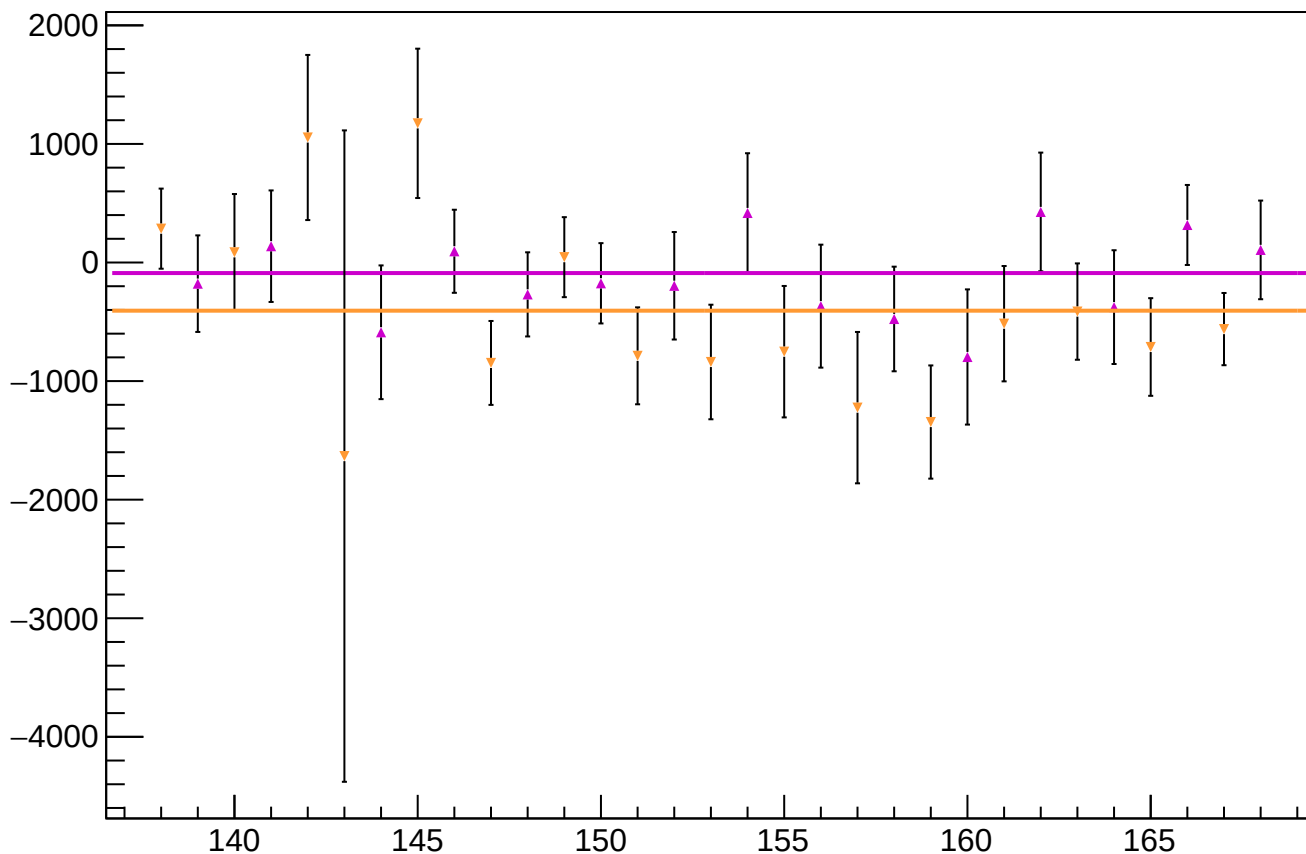
Left In: 1317.052+/-0.272 χ^2/NDF : 30644.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.460+/-0.194 χ^2/NDF : 292935.4/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

Left Out: -406.253 $\pm$ 110.617 χ^2 /NDF:27.9/15

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

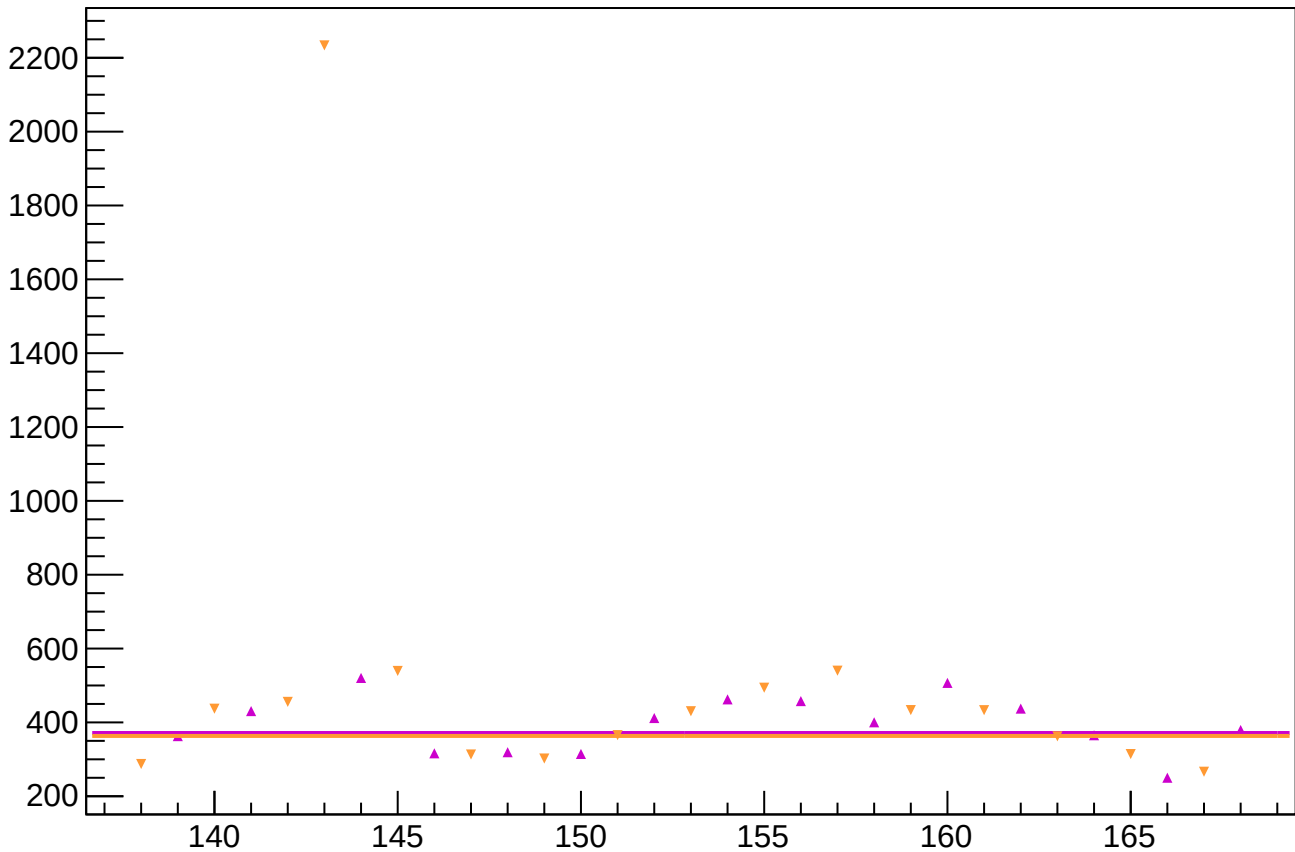
Left In: -88.974 $\pm$ 110.327 χ^2 /NDF:8.4/14

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

All: -247.196 $\pm$ 78.115 χ^2 /NDF: 40.4/30

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

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 363.356+/-0.078 χ^2/NDF : 1989114.8/15

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

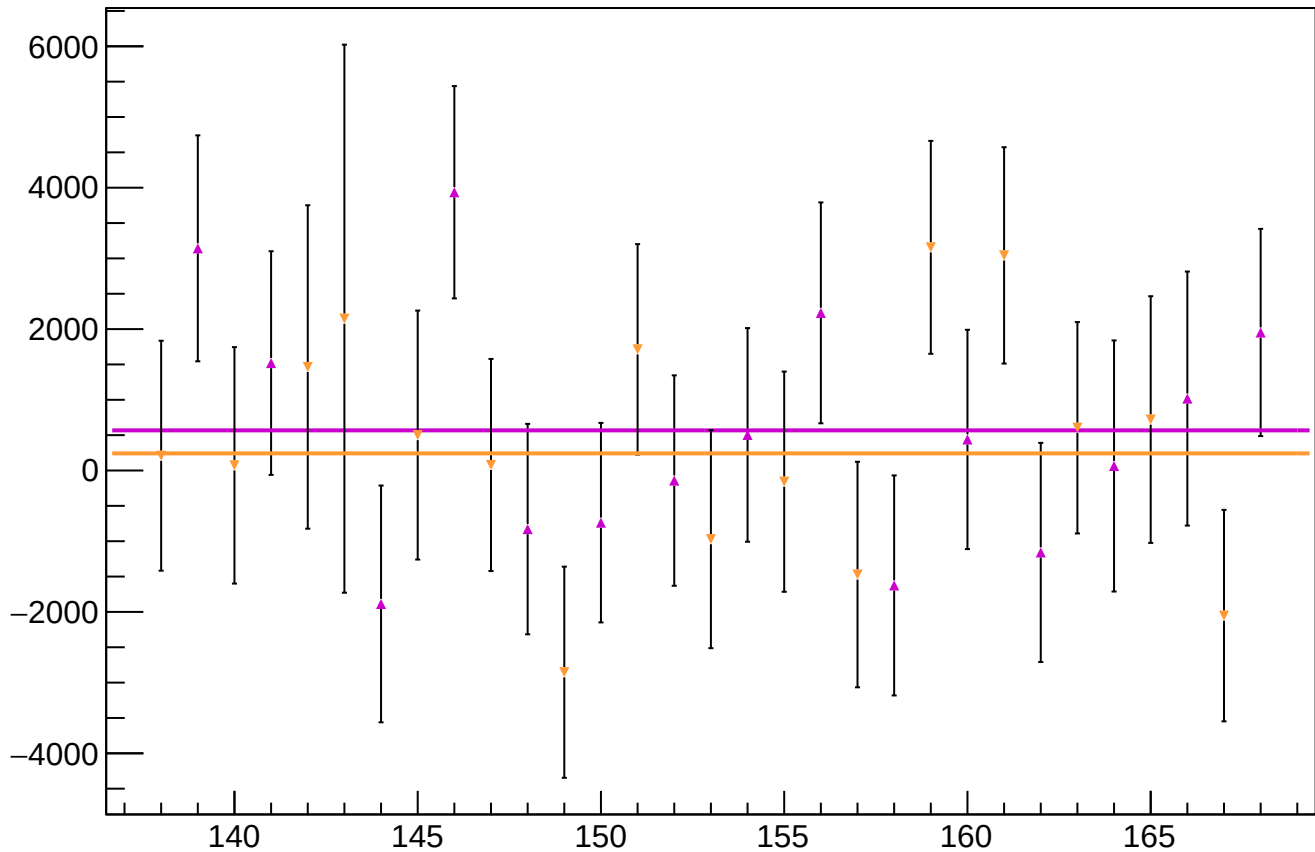
Left In: 371.252+/-0.078 χ^2/NDF : 873723.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.315+/-0.055 χ^2/NDF : 2867947.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: 242.369 $\pm$ 409.018 χ^2 /NDF:17.3/15

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

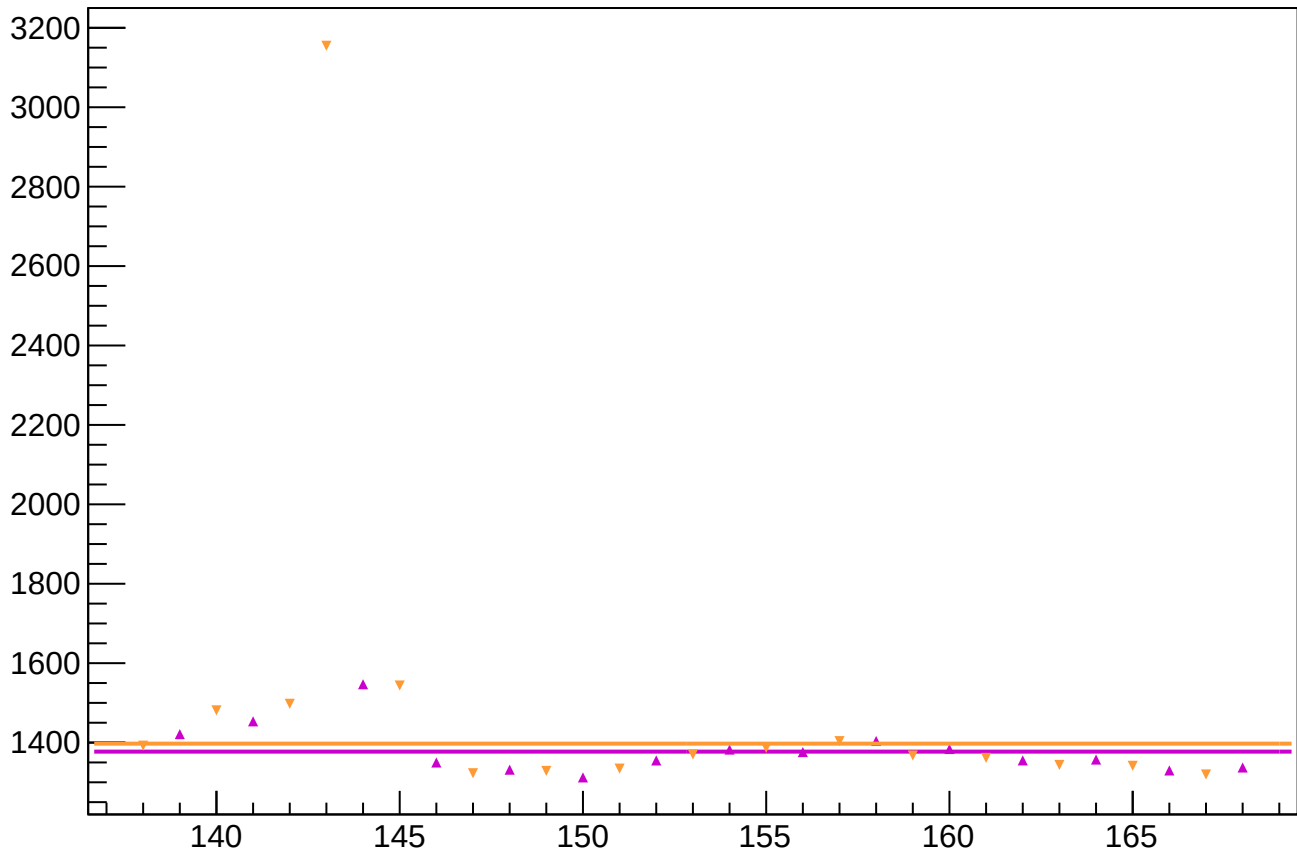
Left In: 567.782 $\pm$ 402.166 χ^2 /NDF:17.5/14

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

All: 407.824 $\pm$ 286.766 χ^2 /NDF: 35.1/30

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

asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1397.361+/-0.289 χ^2/NDF : 459397.1/15

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

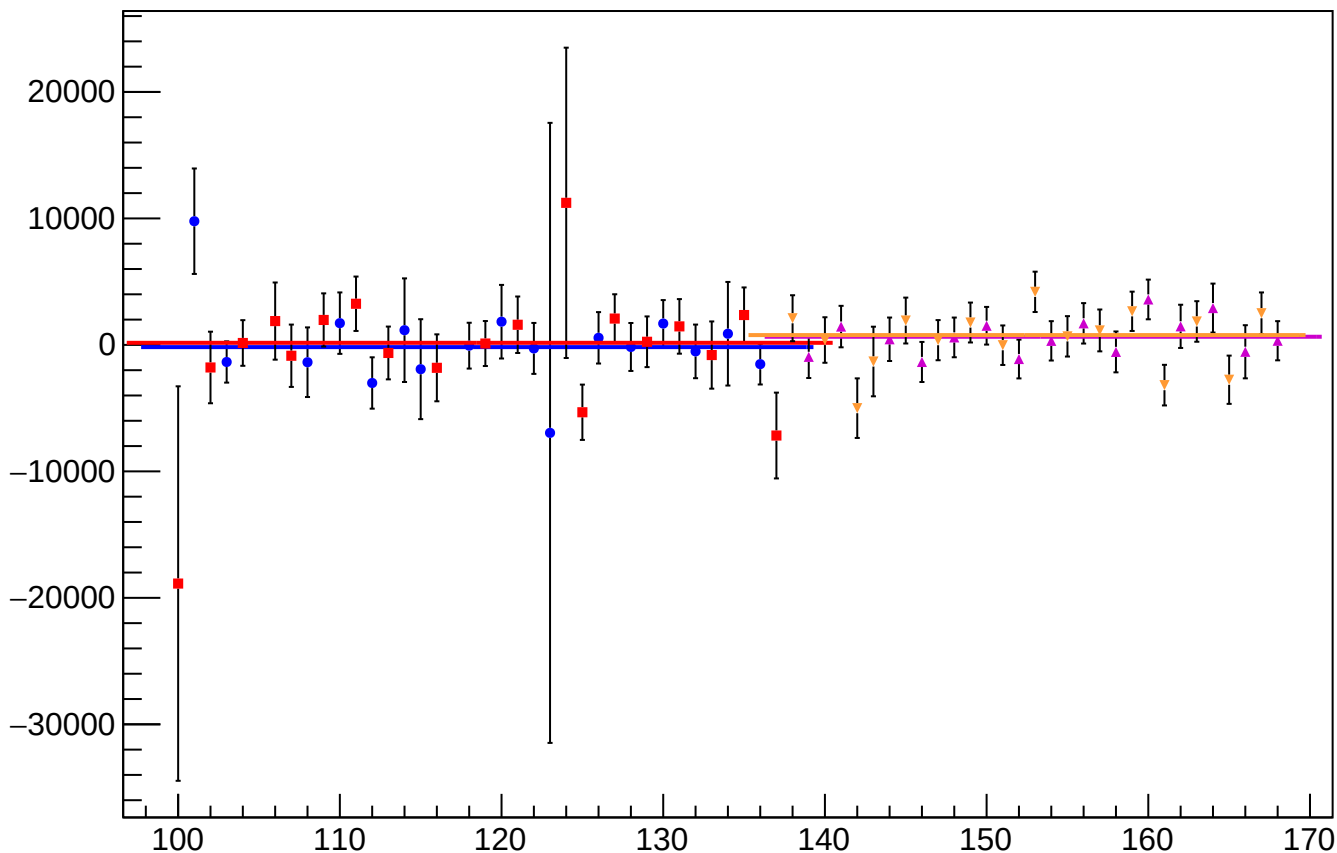
Left In: 1377.236+/-0.284 χ^2/NDF : 38116.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.129+/-0.203 χ^2/NDF : 499975.4/30

- 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: 775.902 ± 429.441 χ^2/NDF : 25.5/15

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

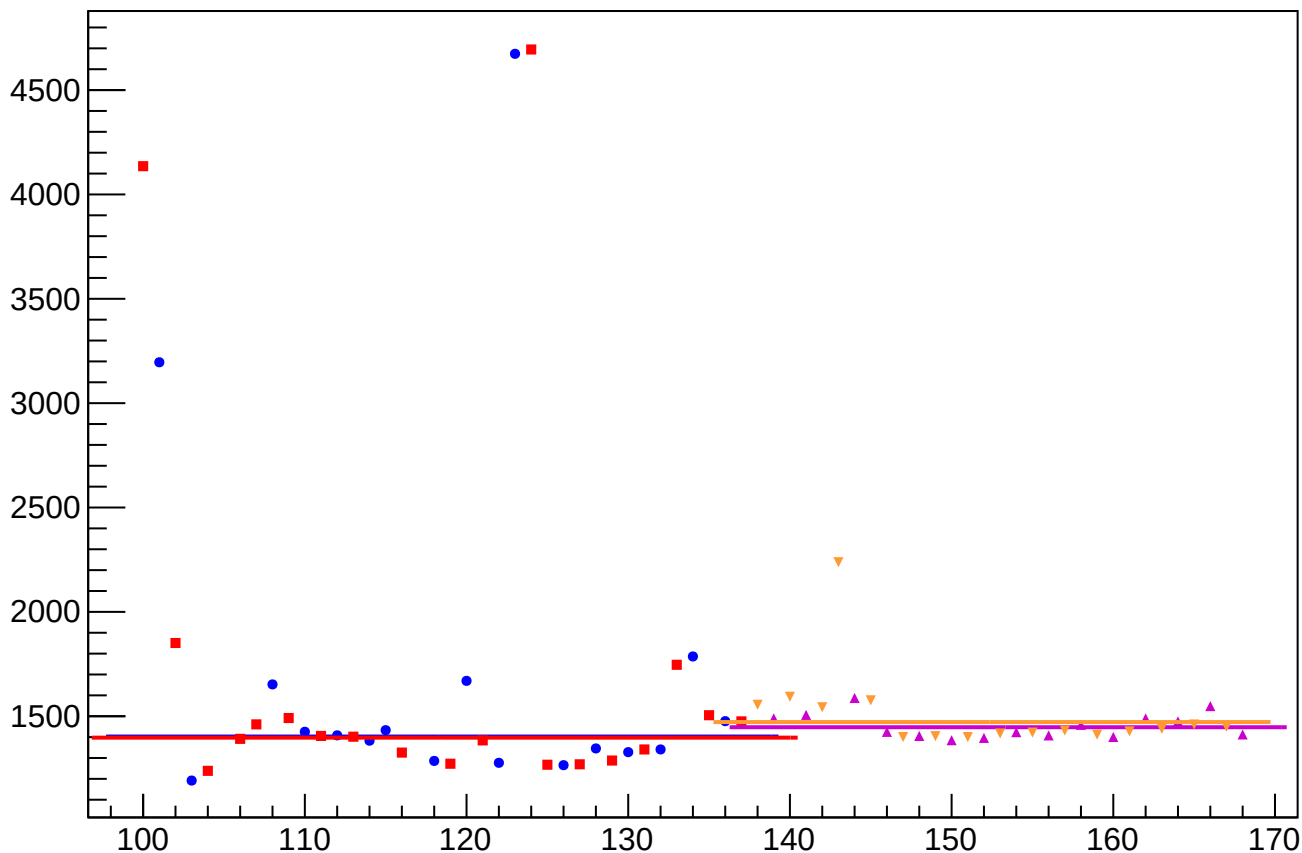
Left In: 644.558 ± 422.798 χ^2/NDF : 10.9/14

+ sign 419.576 ± 339.561 χ^2/NDF : 39.1/32

All: 441.371 ± 237.724 χ^2/NDF : 71.2/66

- sign 462.322 ± 332.923 χ^2/NDF : 32.1/33

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1472.119+/-0.304 χ^2/NDF : 199824.6/15

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

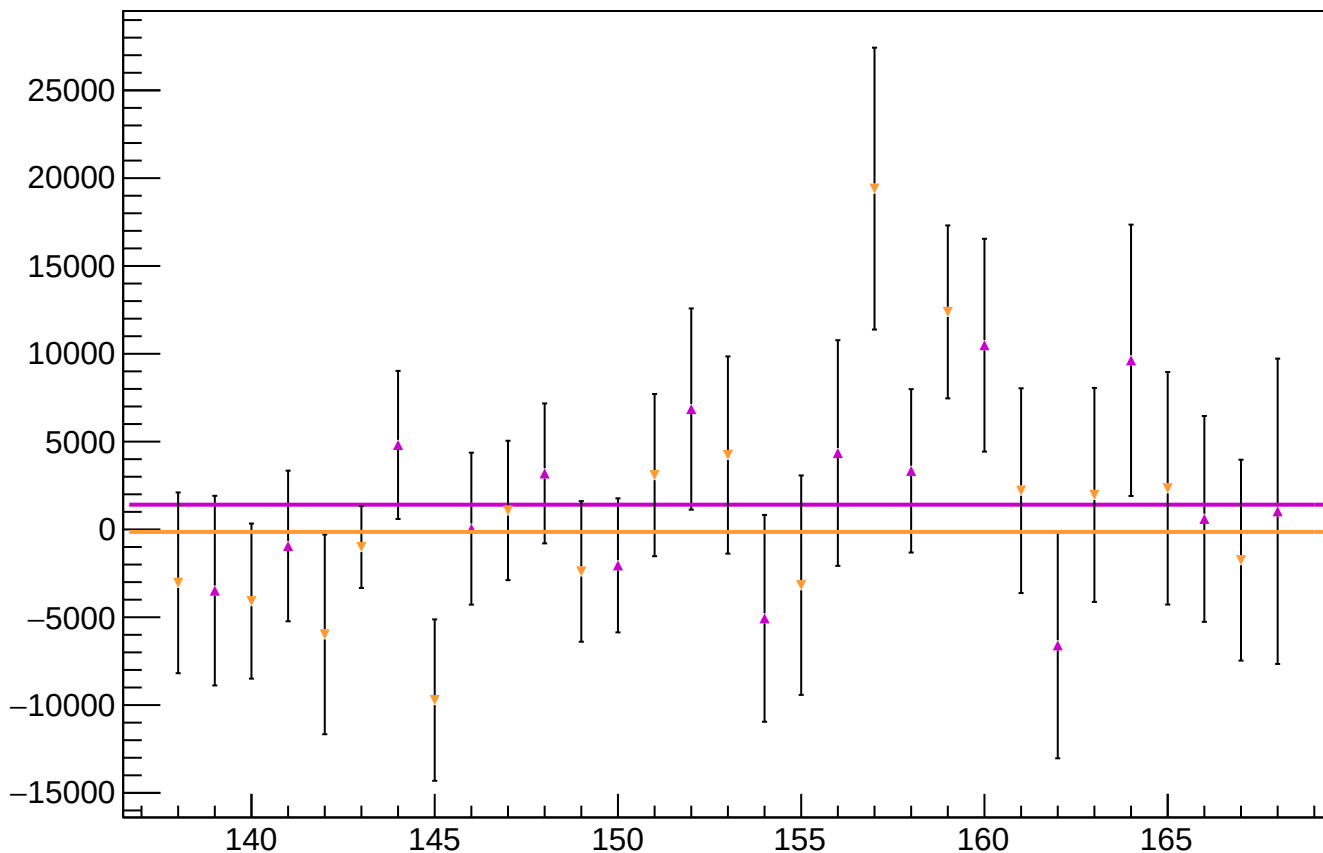
Left In: 1447.322+/-0.299 χ^2/NDF : 35519.5/14

+ sign 1446.105+/-0.240 χ^2/NDF : 745733.0/32

All: 1437.054+/-0.168 χ^2/NDF : 1147988.8/60

- sign 1428.356+/-0.235 χ^2/NDF : 399469.2/33

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -141.066+/-1156.316 χ^2/NDF : 21.3/15

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

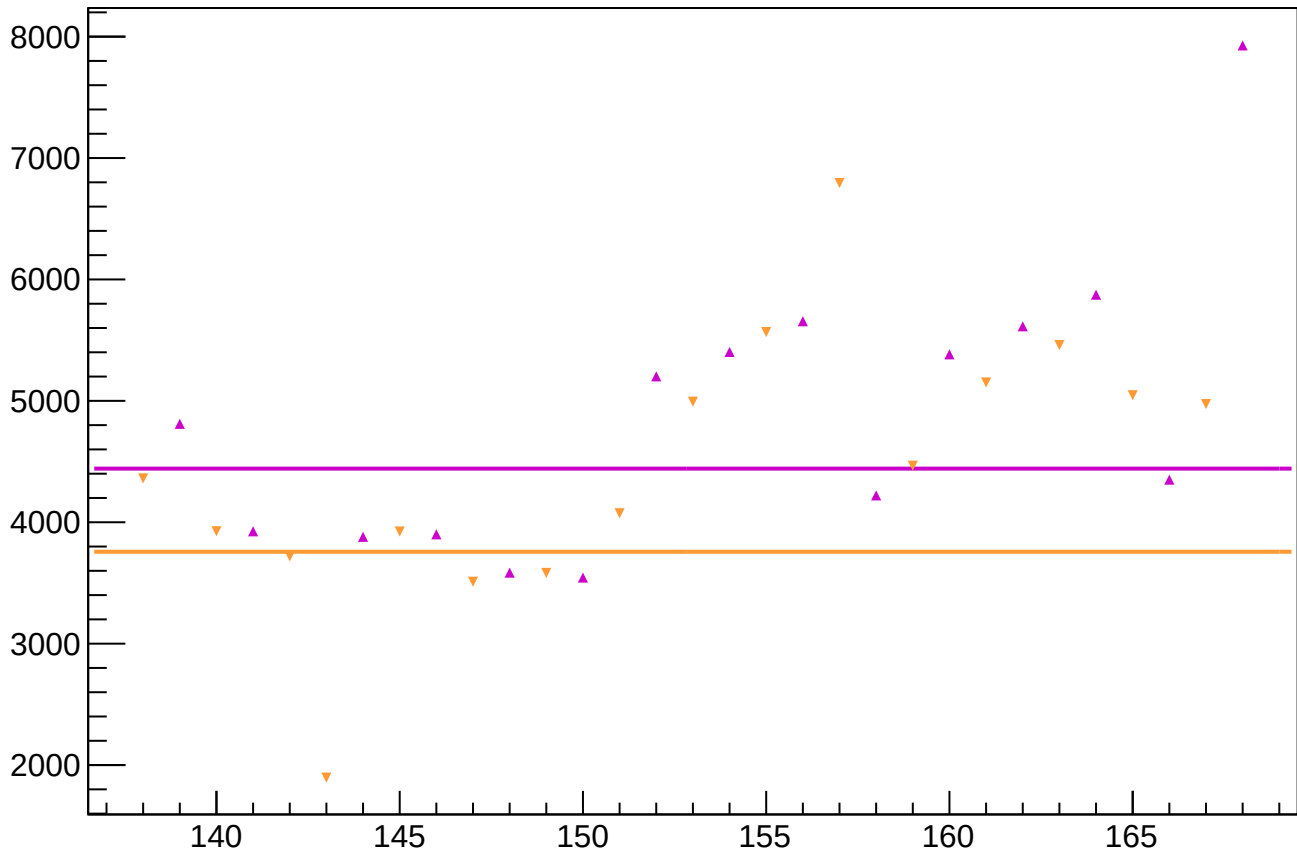
Left In: 1409.396+/-1324.020 χ^2/NDF : 10.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.810+/-870.934 χ^2/NDF : 32.4/30

- 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: 3757.134+/-0.818 χ^2/NDF : 2356266.1/15

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

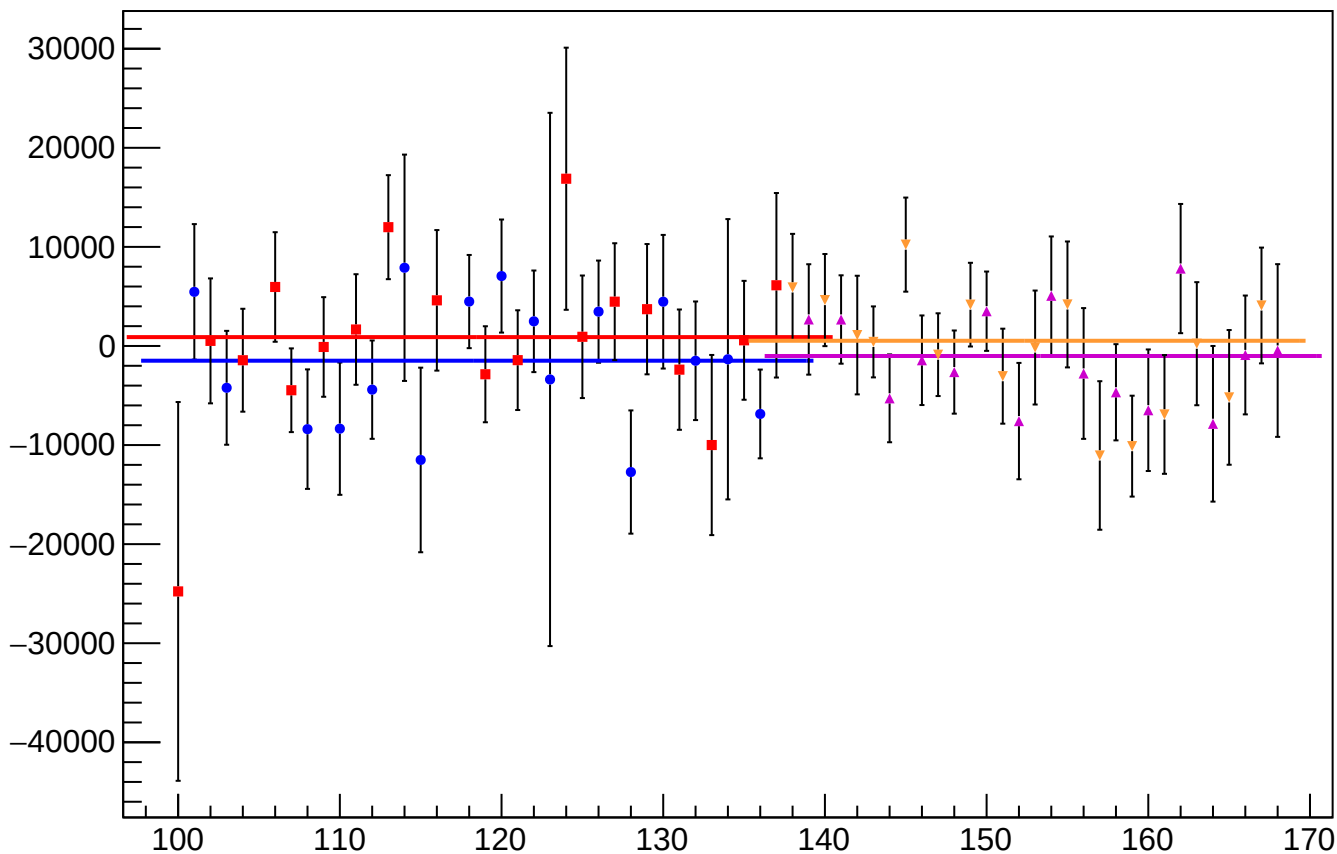
Left In: 4441.869+/-0.936 χ^2/NDF : 978362.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4053.415+/-0.616 χ^2/NDF : 3638090.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1487.038+/-1499.116 χ^2/NDF : 16.7/16

Left Out: 525.515+/-1287.124 χ^2/NDF : 17.1/15

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

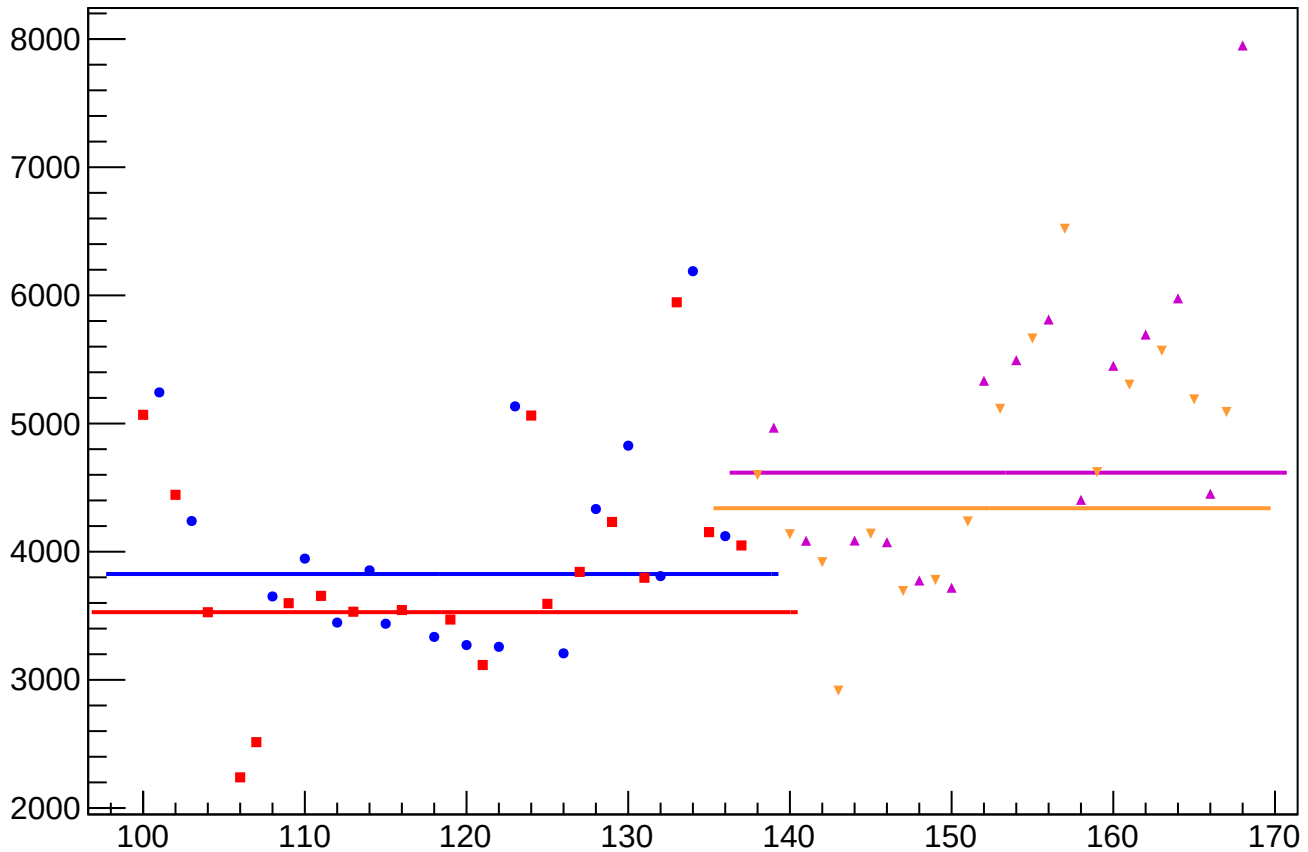
Left In: -1011.481+/-1372.278 χ^2/NDF : 9.8/14

+ sign -328.517+/-976.559 χ^2/NDF : 34.8/32

All: -195.358+/-689.157 χ^2/NDF : 59.7/66

- sign -63.254+/-972.683 χ^2/NDF : 24.9/33

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4339.336 ± 0.910 χ^2/NDF : 914192.0/15

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

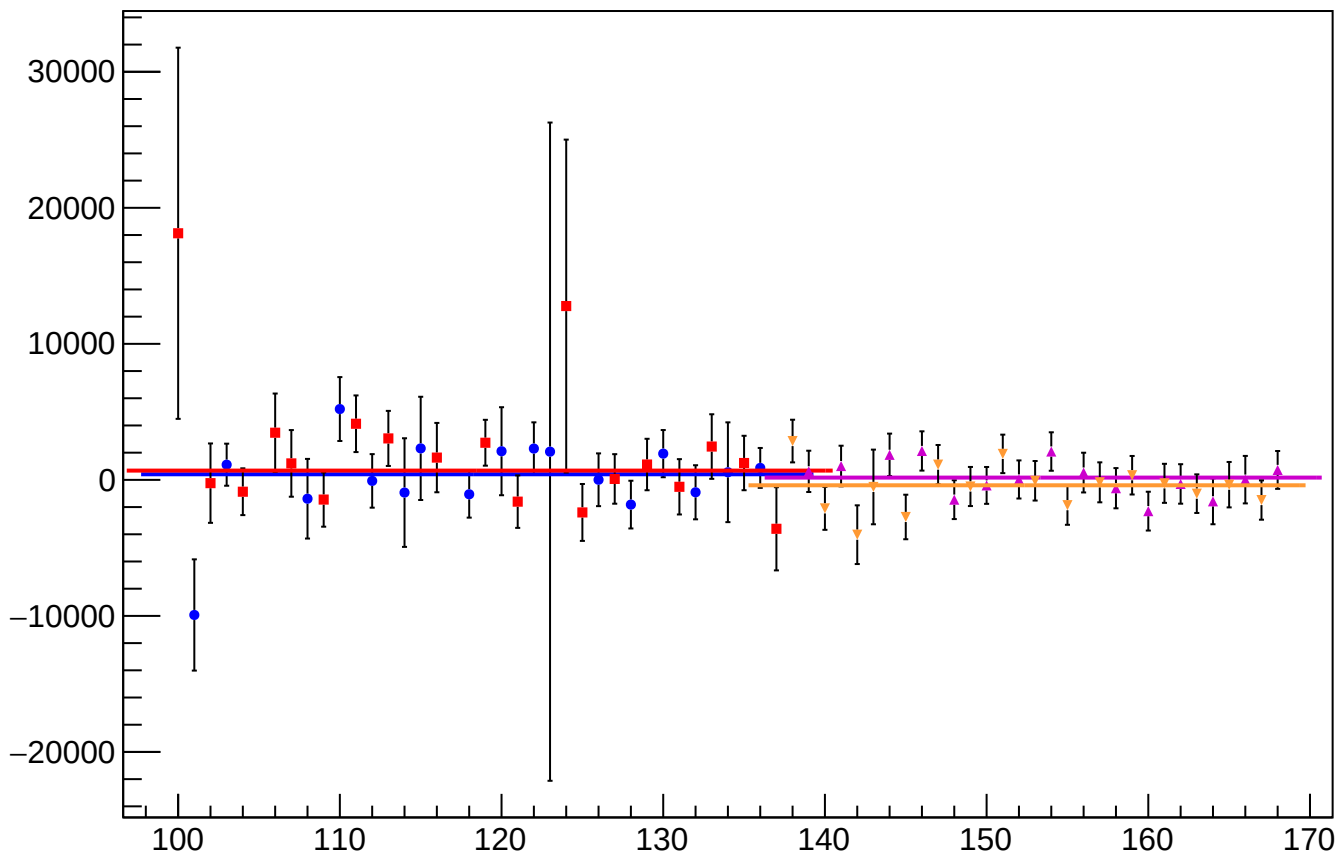
Left In: 4616.627 ± 0.970 χ^2/NDF : 862375.6/14

+ sign 4121.428 ± 0.691 χ^2/NDF : 1383678.3/32

All: 4095.551 ± 0.486 χ^2/NDF : 3435952.8/60

- sign 4070.113 ± 0.685 χ^2/NDF : 2049489.7/33

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -397.891 ± 385.518 χ^2/NDF : 16.2/15

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

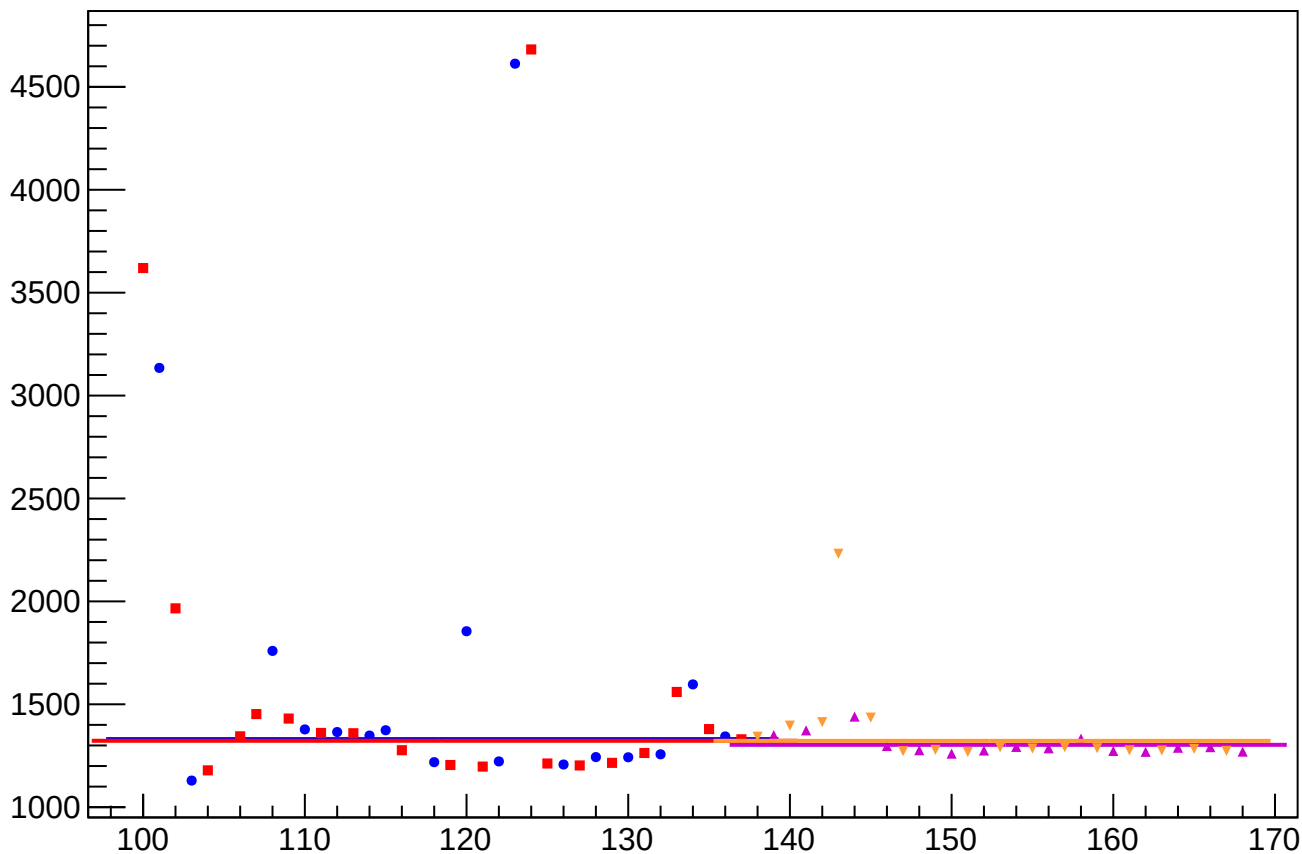
Left In: 167.526 ± 380.490 χ^2/NDF : 11.4/14

+ sign -116.453 ± 311.352 χ^2/NDF : 34.3/32

All: 122.318 ± 217.882 χ^2/NDF : 65.5/66

- sign 351.462 ± 305.010 χ^2/NDF : 30.1/33

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1322.340 $\pm$ 0.273 χ^2 /NDF: 256491.1/15

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

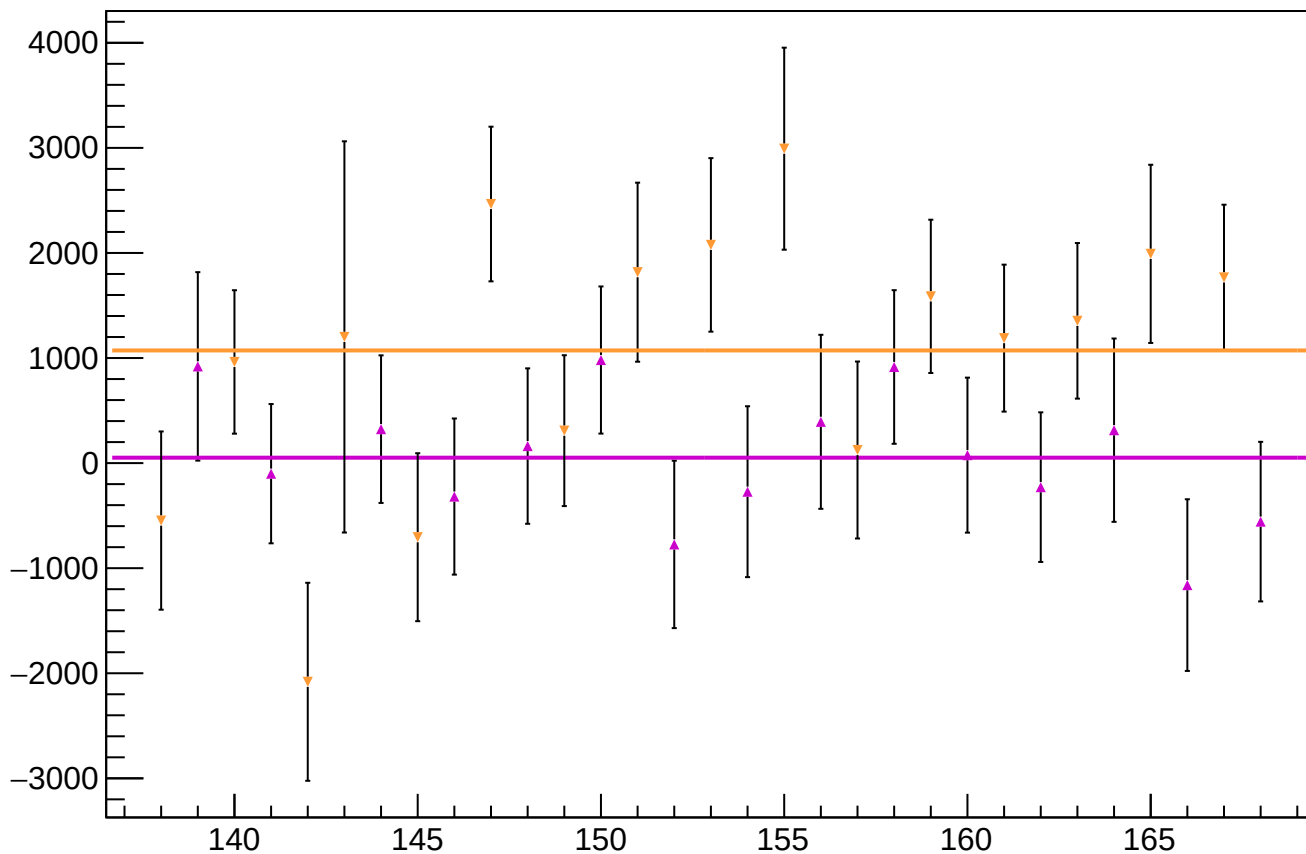
Left In: 1303.034 $\pm$ 0.269 χ^2 /NDF: 29865.7/14

+ sign 1325.313 $\pm$ 0.220 χ^2 /NDF: 860307.6/32

All: 1317.532 $\pm$ 0.154 χ^2 /NDF: 1288945.6/60

- sign 1310.064 $\pm$ 0.216 χ^2 /NDF: 426190.1/33

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 1072.173+/-200.535 χ^2/NDF : 34.9/15

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

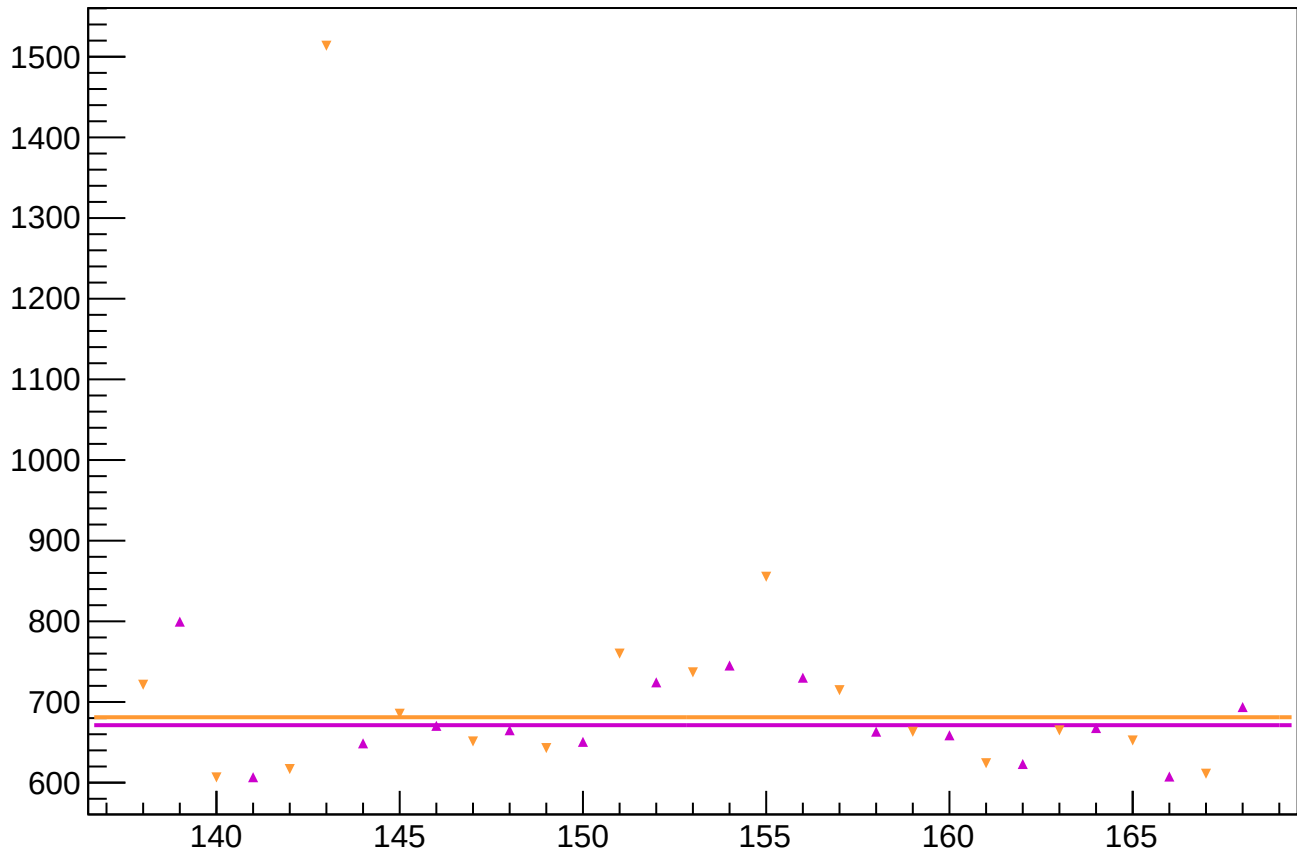
Left In: 51.608+/-196.101 χ^2/NDF : 9.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.483+/-140.206 χ^2/NDF : 57.2/30

- 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: 681.103+/-0.142 χ^2/NDF : 580149.7/15

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

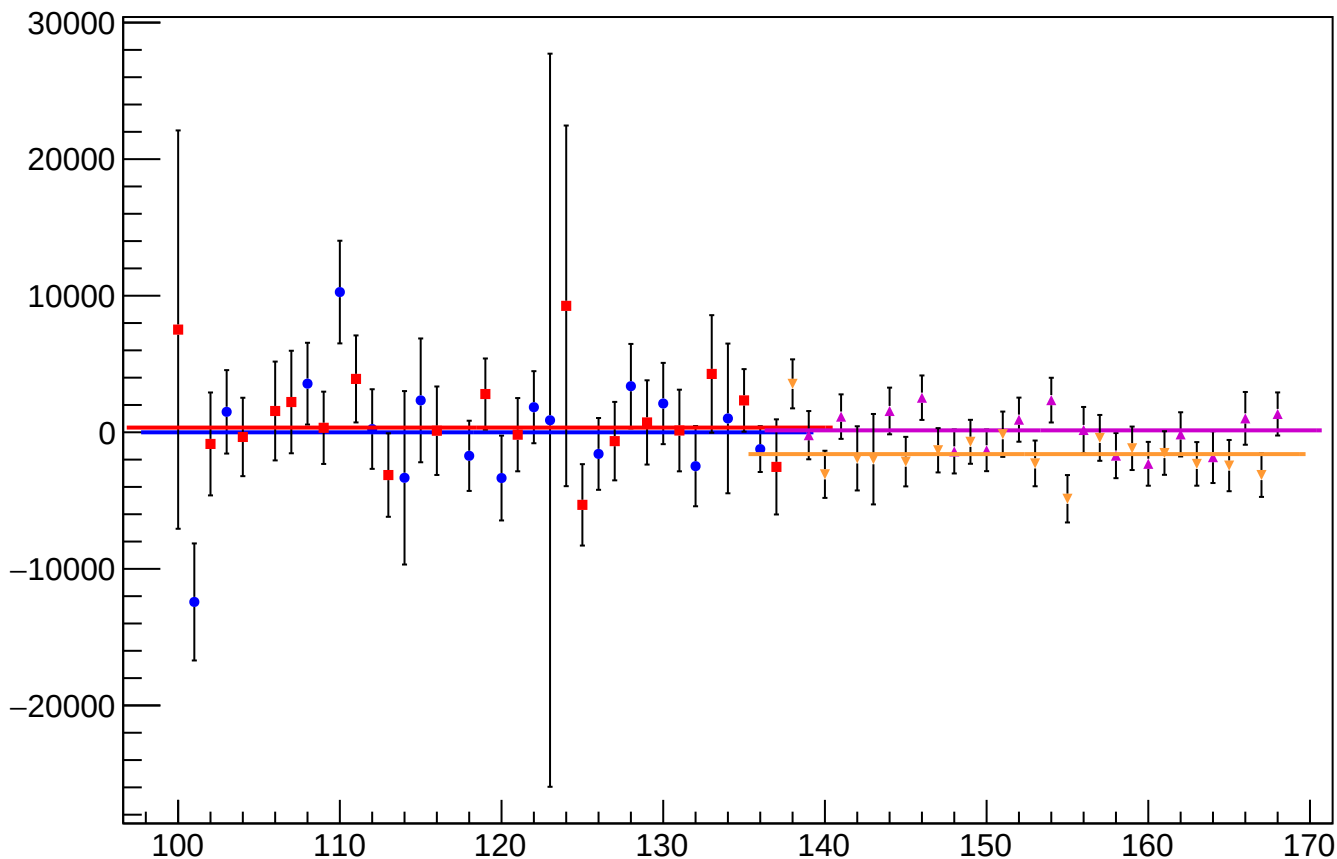
Left In: 671.240+/-0.139 χ^2/NDF : 123343.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.061+/-0.099 χ^2/NDF : 705966.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -2.204 $\pm$ 745.061 χ^2/NDF : 23.5/16

Left Out: -1597.134 $\pm$ 436.440 χ^2/NDF :15.8/15

Right Out: 345.148 $\pm$ 733.723 χ^2/NDF : 10.7/18

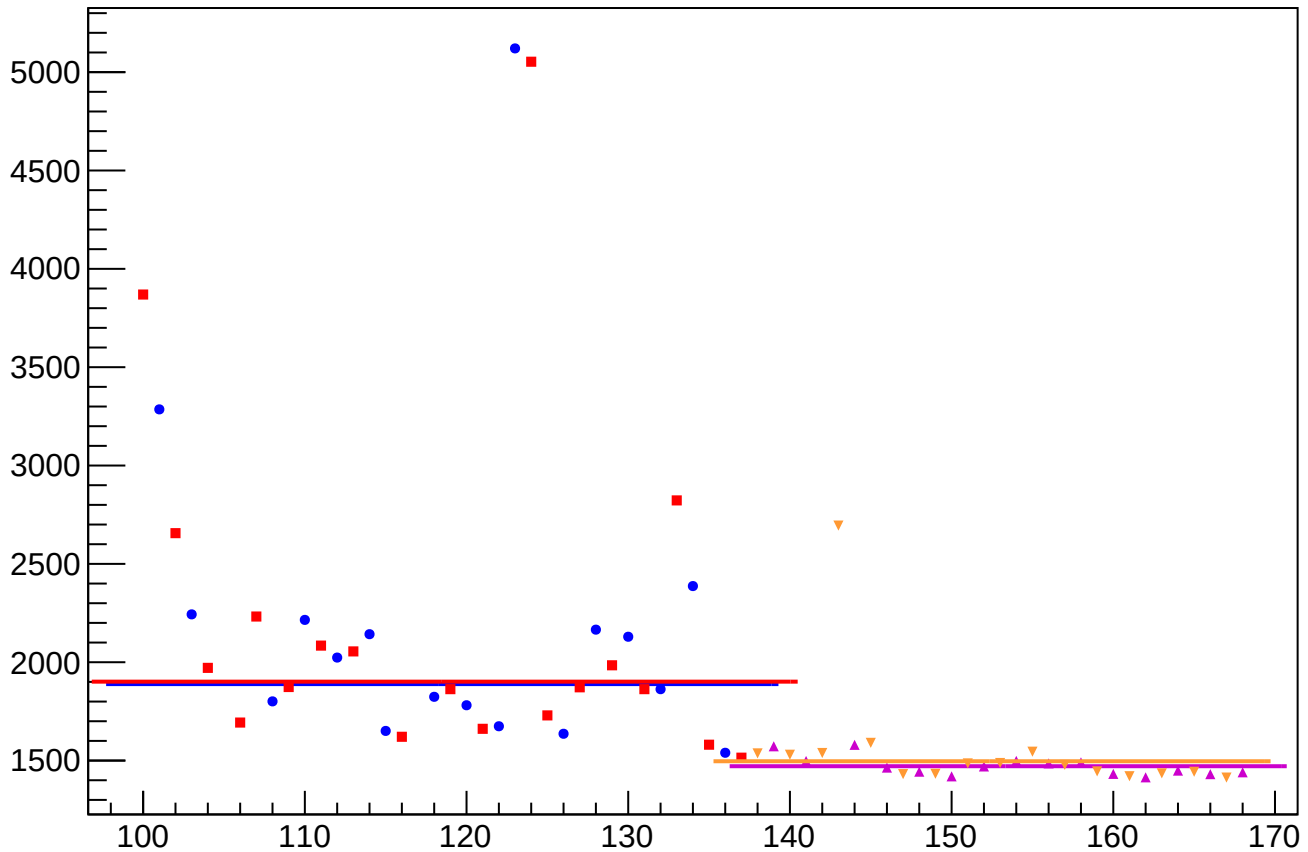
Left In: 141.492 $\pm$ 429.393 χ^2/NDF :12.6/14

+ sign -1189.672 $\pm$ 376.586 χ^2/NDF : 42.7/32

All: -487.022 $\pm$ 264.143 χ^2/NDF : 73.0/66

- sign 193.448 $\pm$ 370.595 χ^2/NDF : 23.4/33

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1496.560 $\pm$ 0.309 χ^2 /NDF: 294525.7/15

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

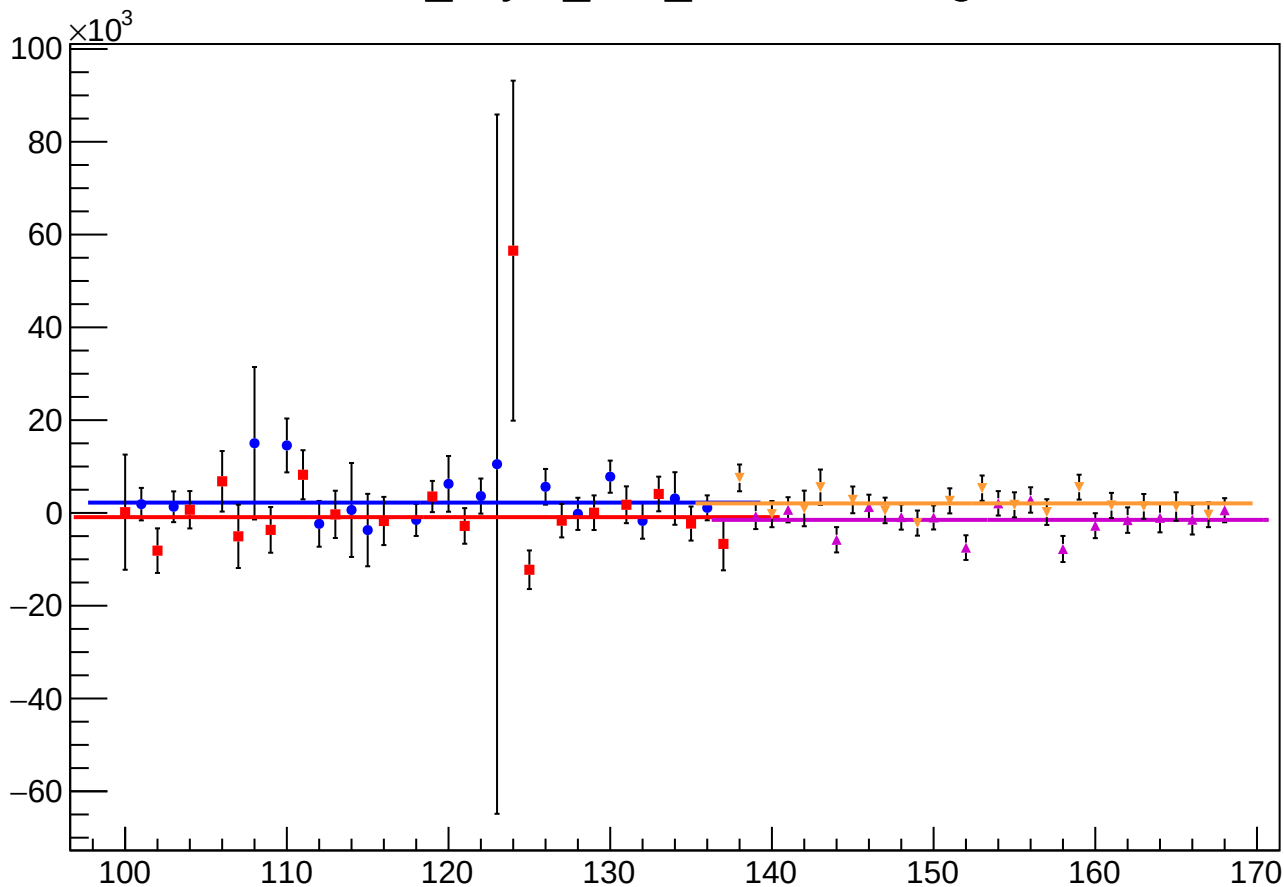
Left In: 1471.297 $\pm$ 0.304 χ^2 /NDF: 24603.1/14

+ sign 1596.770 $\pm$ 0.266 χ^2 /NDF: 1173091.1/32

All: 1588.752 $\pm$ 0.187 χ^2 /NDF: 2172470.3/60

- sign 1580.986 $\pm$ 0.262 χ^2 /NDF: 997594.4/33

dit_asym_atl1_mean vs Slug



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

Left Out: 2055.853 $\pm$ 712.595 χ^2 /NDF: 12.7/15

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

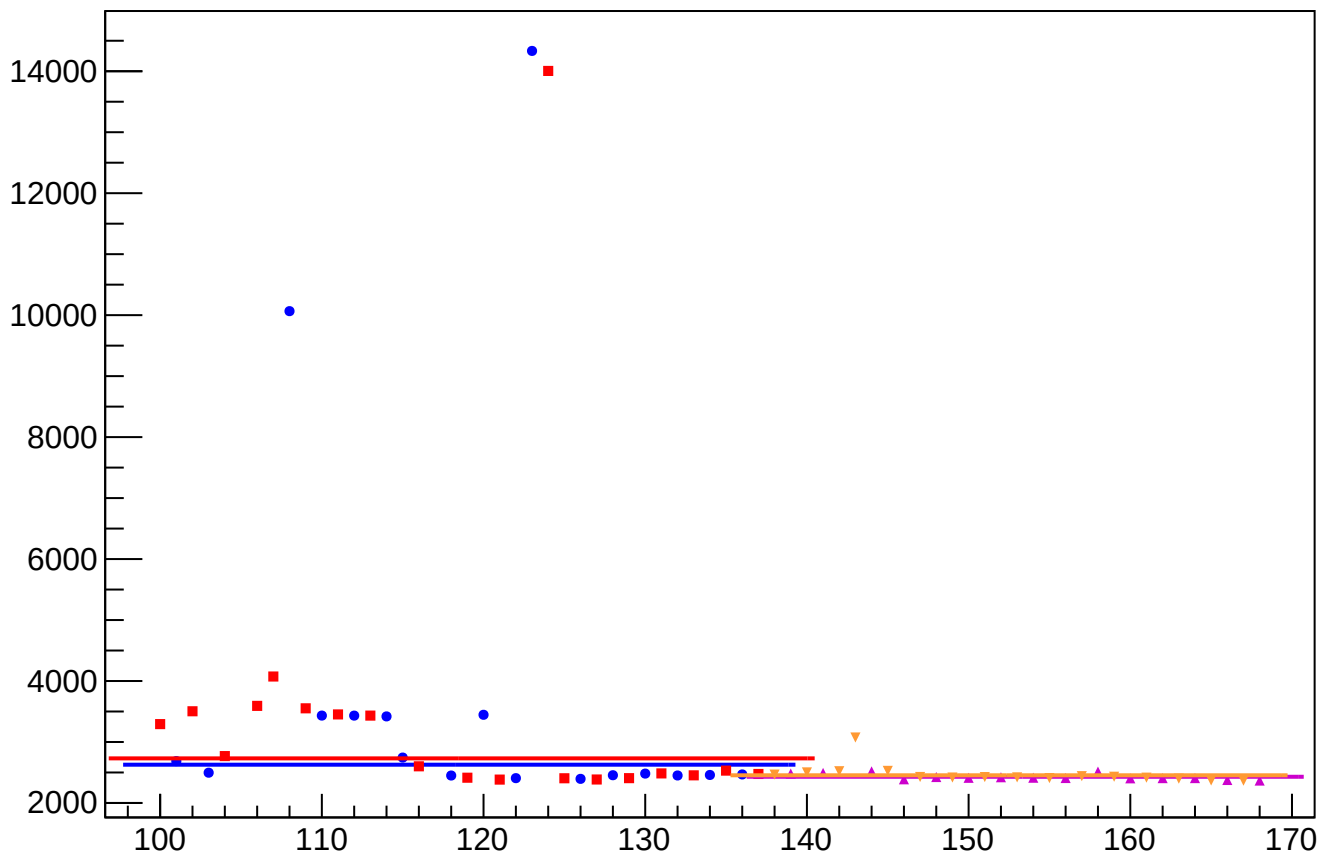
Left In: -1494.649 $\pm$ 709.241 χ^2 /NDF: 19.6/14

+ sign 2110.749 $\pm$ 587.713 χ^2 /NDF: 26.3/32

All: 398.791 $\pm$ 415.386 χ^2 /NDF: 85.9/66

- sign -1310.043 $\pm$ 587.177 χ^2 /NDF: 42.7/33

dit_asym_atl1_rms vs Slug



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

Left Out: 2454.018 ± 0.504 χ^2/NDF : 62197.2/15

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

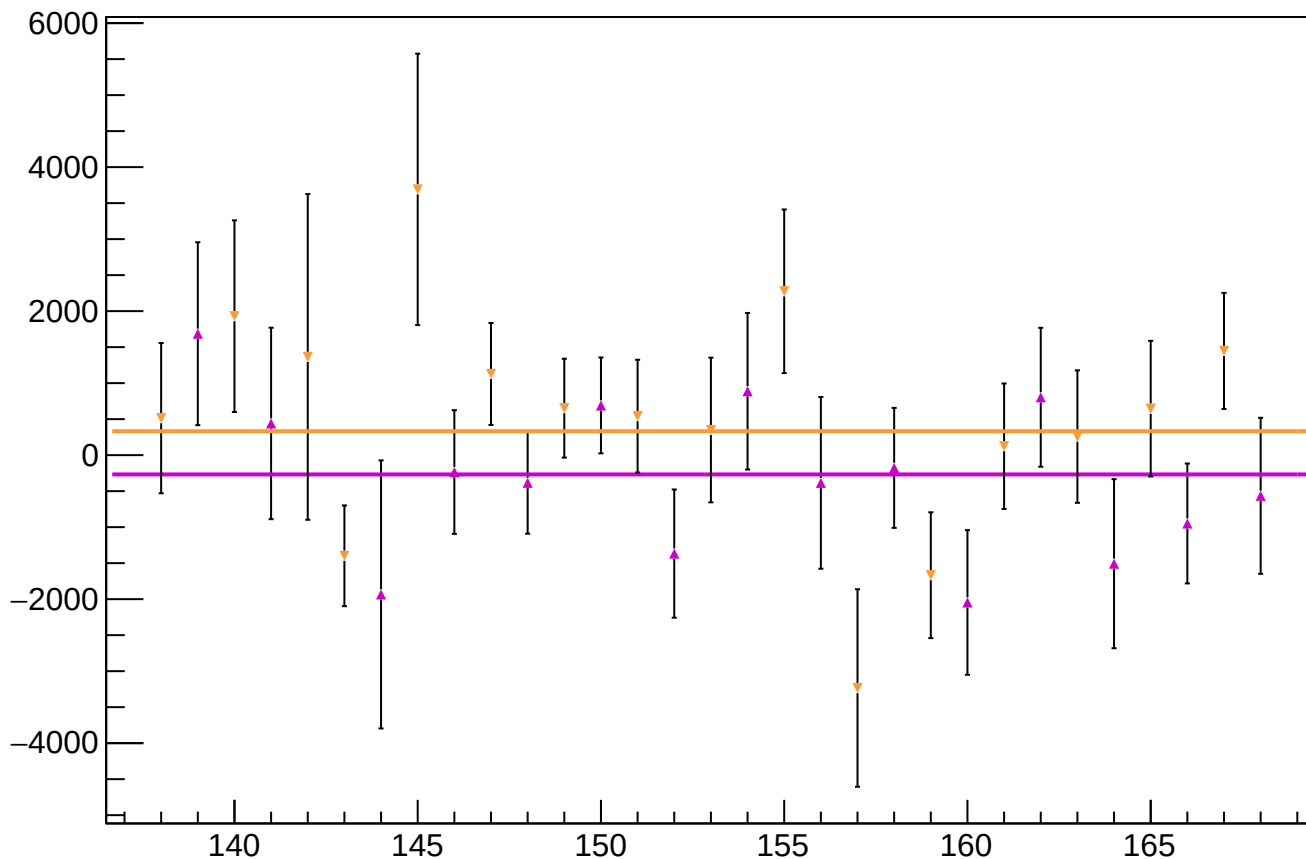
Left In: 2429.700 ± 0.502 χ^2/NDF : 8590.5/14

+ sign 2509.517 ± 0.416 χ^2/NDF : 744531.1/32

All: 2517.051 ± 0.294 χ^2/NDF : 1465739.9/60

- sign 2524.571 ± 0.415 χ^2/NDF : 720552.2/33

asym_atl1_correction_mean vs Slug



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

Left Out: 332.420 $\pm$ 232.338 χ^2 /NDF:29.5/15

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

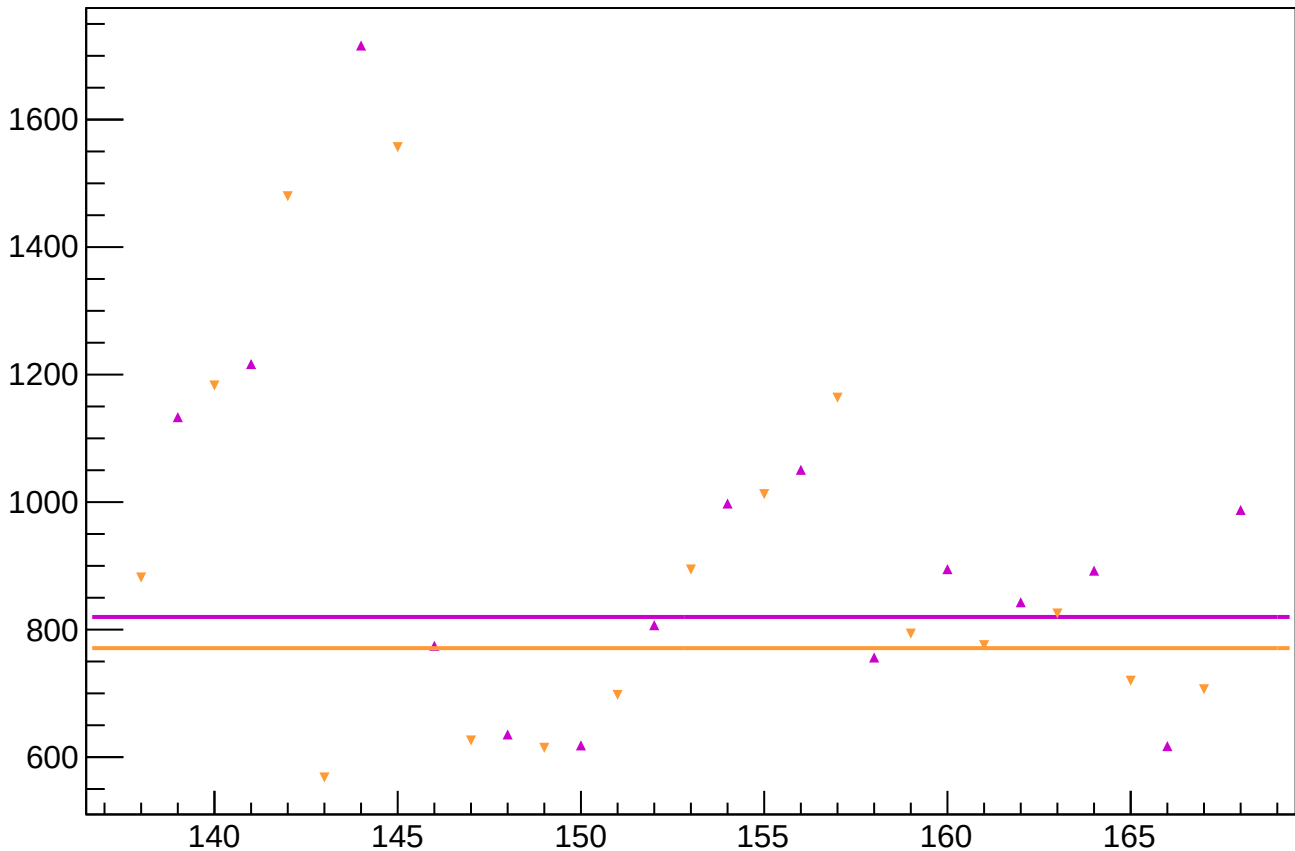
Left In: -267.919 $\pm$ 246.723 χ^2 /NDF:14.5/14

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

All: 50.260 $\pm$ 169.145 χ^2 /NDF: 47.1/30

- sign 0.000 $\pm$ 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: 770.957+/-0.164 χ^2/NDF :1443041.9/15

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

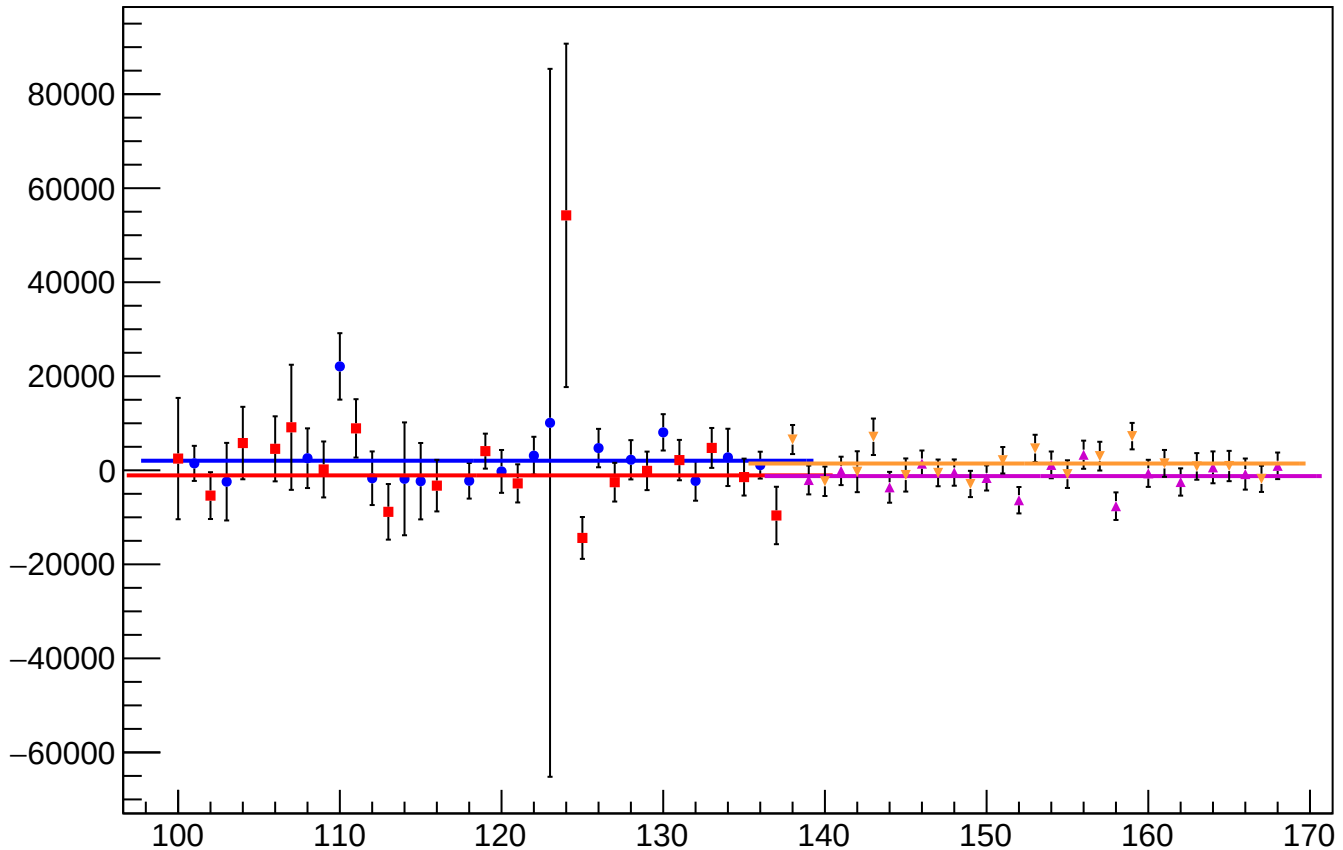
Left In: 819.861+/-0.174 χ^2/NDF :1415123.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.942+/-0.120 χ^2/NDF : 2899811.8/30

- 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: 1443.364+/-761.582 χ^2/NDF : 17.7/15

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

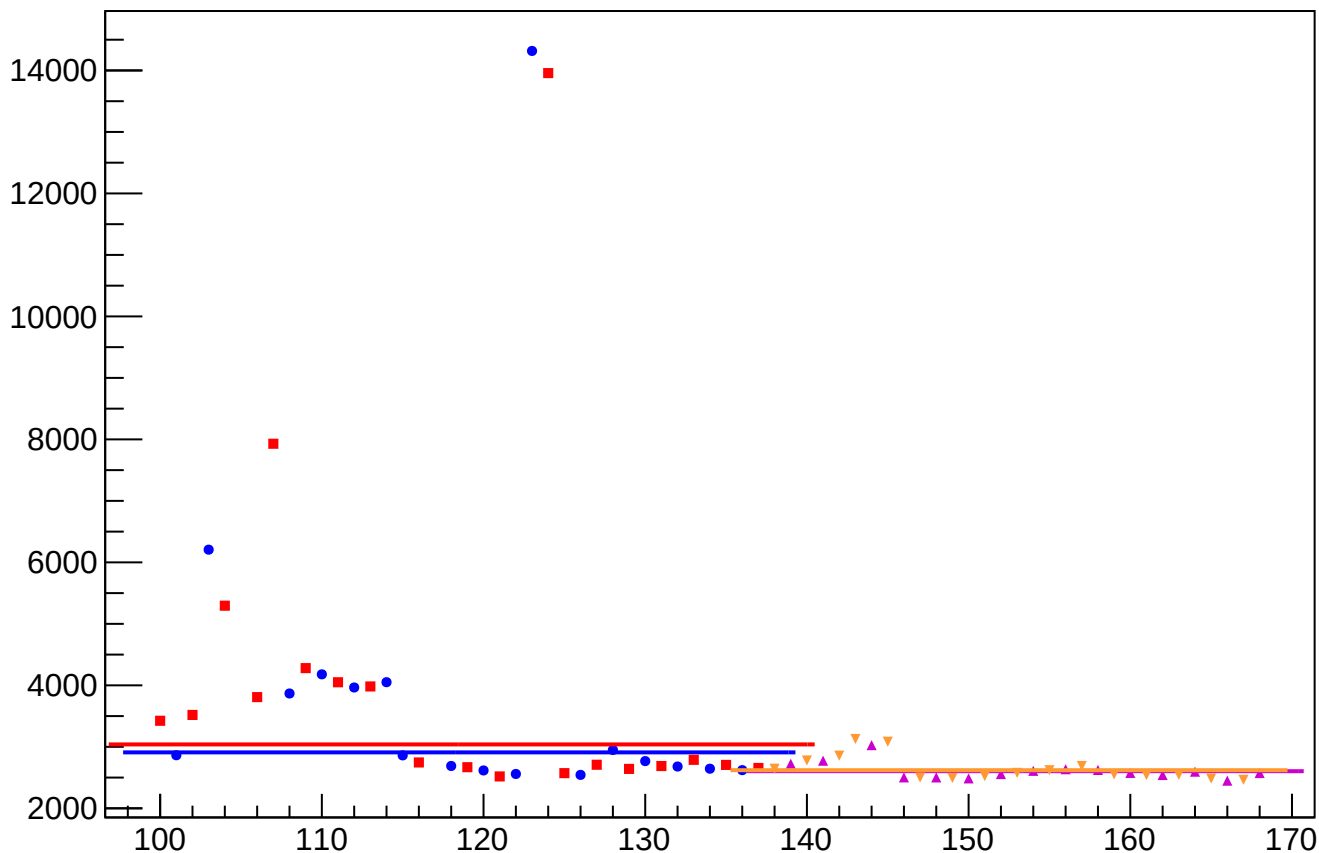
Left In: -1231.433+/-760.992 χ^2/NDF : 14.0/14

+ sign 1624.277+/-635.206 χ^2/NDF : 32.8/32

All: 230.328+/-451.049 χ^2/NDF : 81.8/66

- sign -1187.341+/-640.587 χ^2/NDF : 39.3/33

asym_atl1_rms vs Slug



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

Left Out: 2619.993+/-0.539 χ^2/NDF : 105416.2/15

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

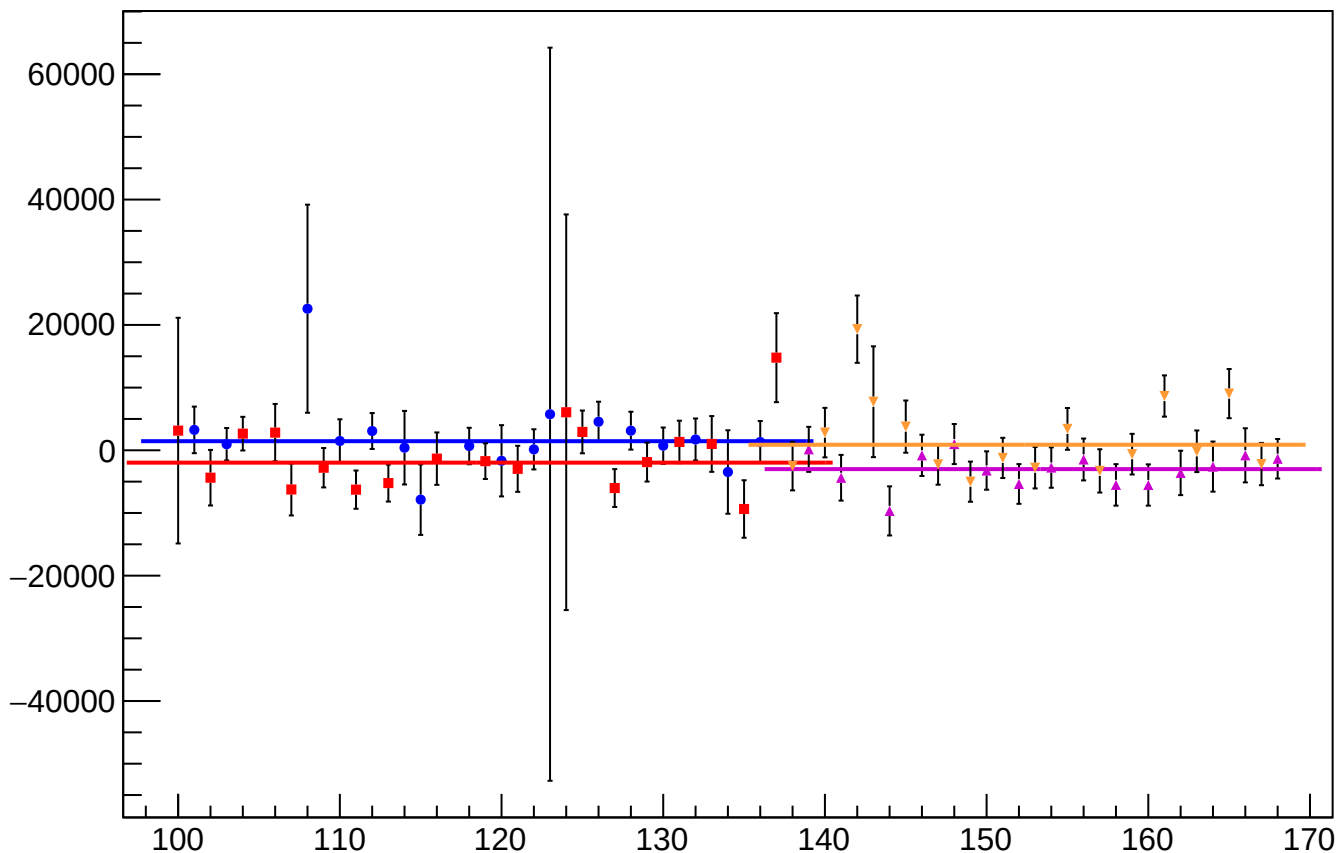
Left In: 2603.937+/-0.538 χ^2/NDF : 58513.3/14

+ sign 2708.173+/-0.449 χ^2/NDF : 835410.2/32

All: 2719.367+/-0.319 χ^2/NDF : 2097076.8/60

- sign 2730.752+/-0.453 χ^2/NDF : 1260413.7/33

dit_asym_atl2_mean vs Slug



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

Left Out: 881.901 $\pm$ 904.687 χ^2 /NDF:32.9/15

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

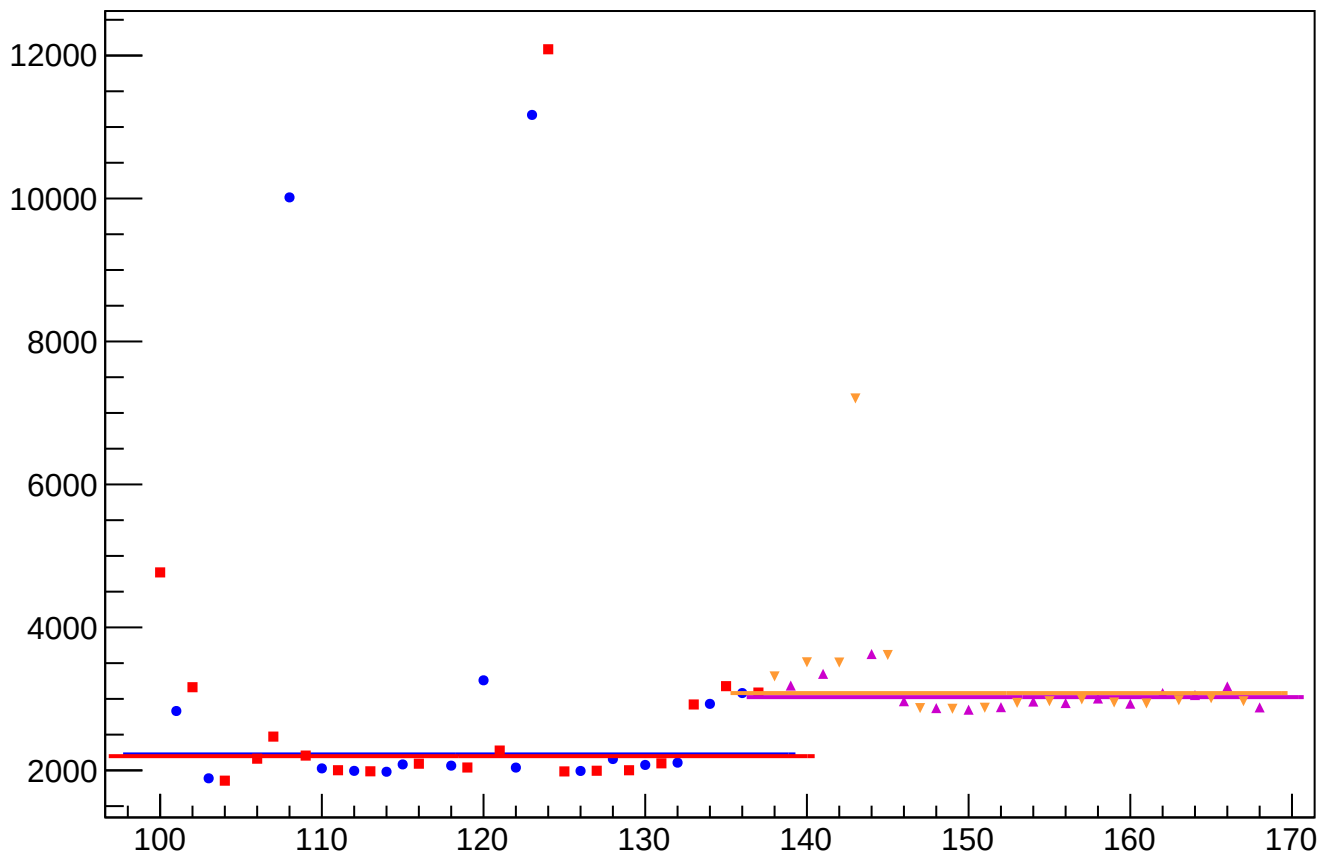
Left In: -3002.591 $\pm$ 883.767 χ^2 /NDF:8.4/14

+ sign 1171.923 $\pm$ 634.095 χ^2 /NDF: 40.5/32

All: -709.141 $\pm$ 440.656 χ^2 /NDF: 89.0/66

- sign -2466.065 $\pm$ 612.814 χ^2 /NDF: 31.4/33

dit_asym_atl2_rms vs Slug



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

Left Out: 3081.199+/-0.640 χ^2/NDF :556213.8/15

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

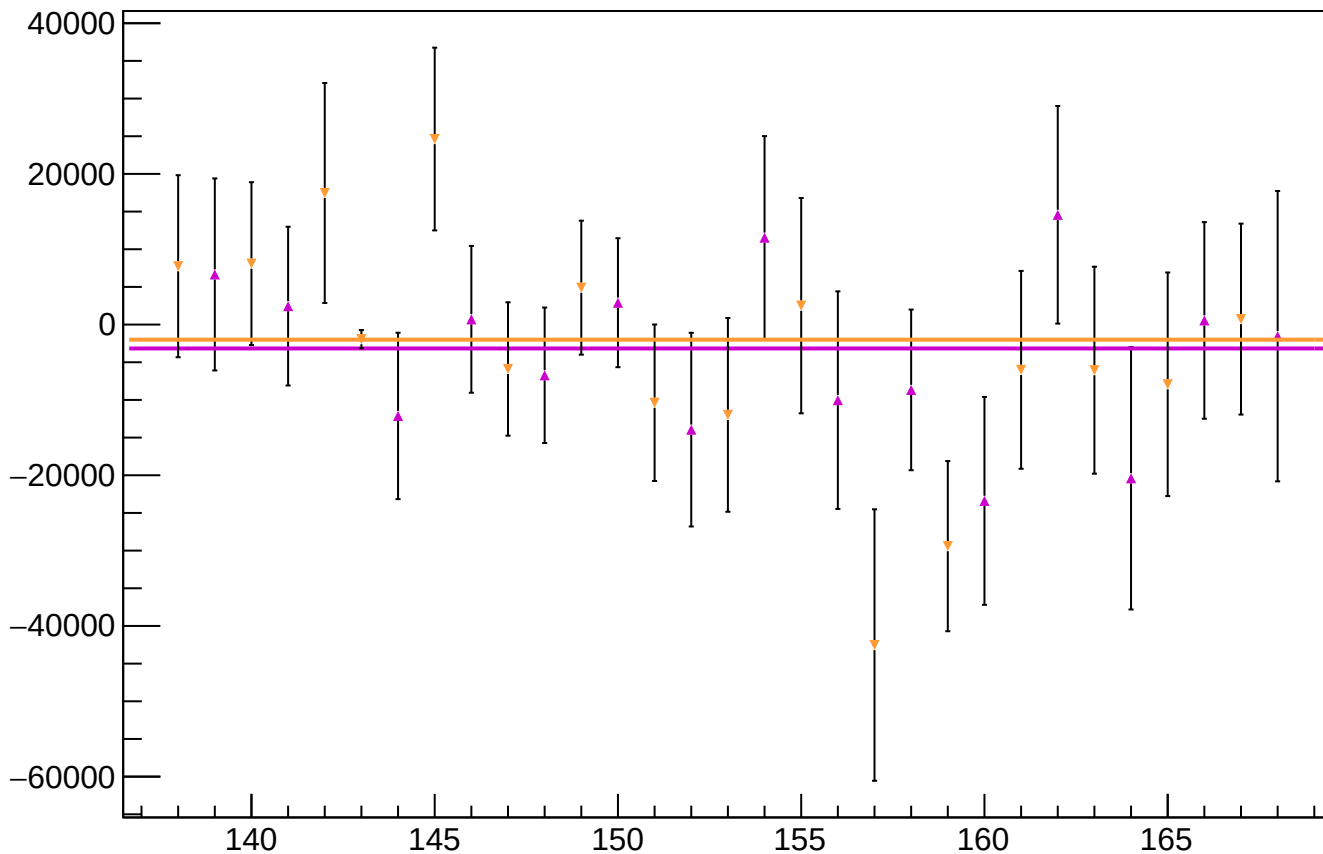
Left In: 3024.627+/-0.625 χ^2/NDF :93883.4/14

+ sign 2644.665+/-0.448 χ^2/NDF : 2321822.1/32

All: 2619.262+/-0.312 χ^2/NDF : 3931722.1/60

- sign 2595.553+/-0.433 χ^2/NDF : 1603694.3/33

asym_atl2_correction_mean vs Slug



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

Left Out: -2001.130+/-1125.207 χ^2/NDF :21.6/15

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

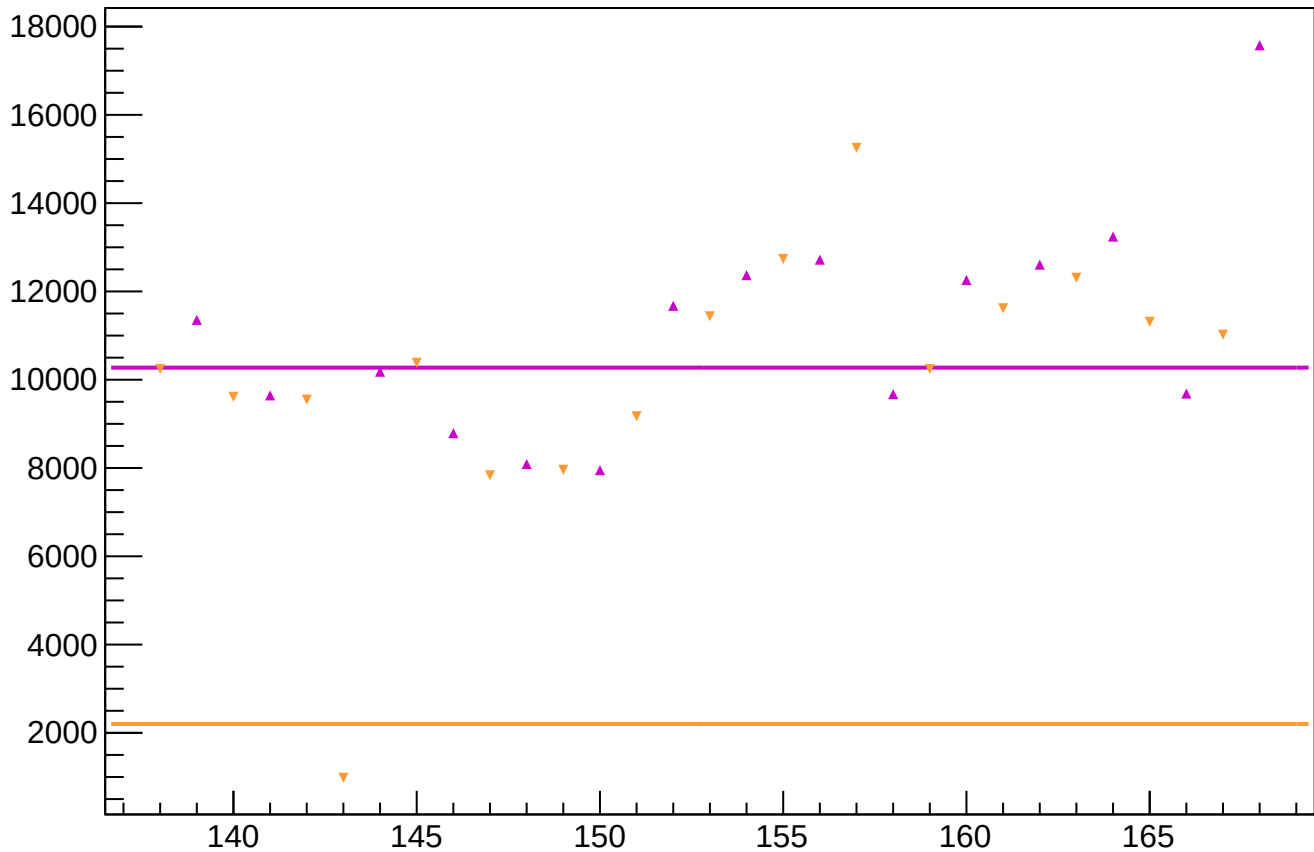
Left In: -3170.166+/-3057.436 χ^2/NDF :9.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2140.579+/-1055.967 χ^2/NDF : 31.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_correction_rms vs Slug



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

Left Out: 2200.119+/-0.796 χ^2/NDF :15841389.4/15

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

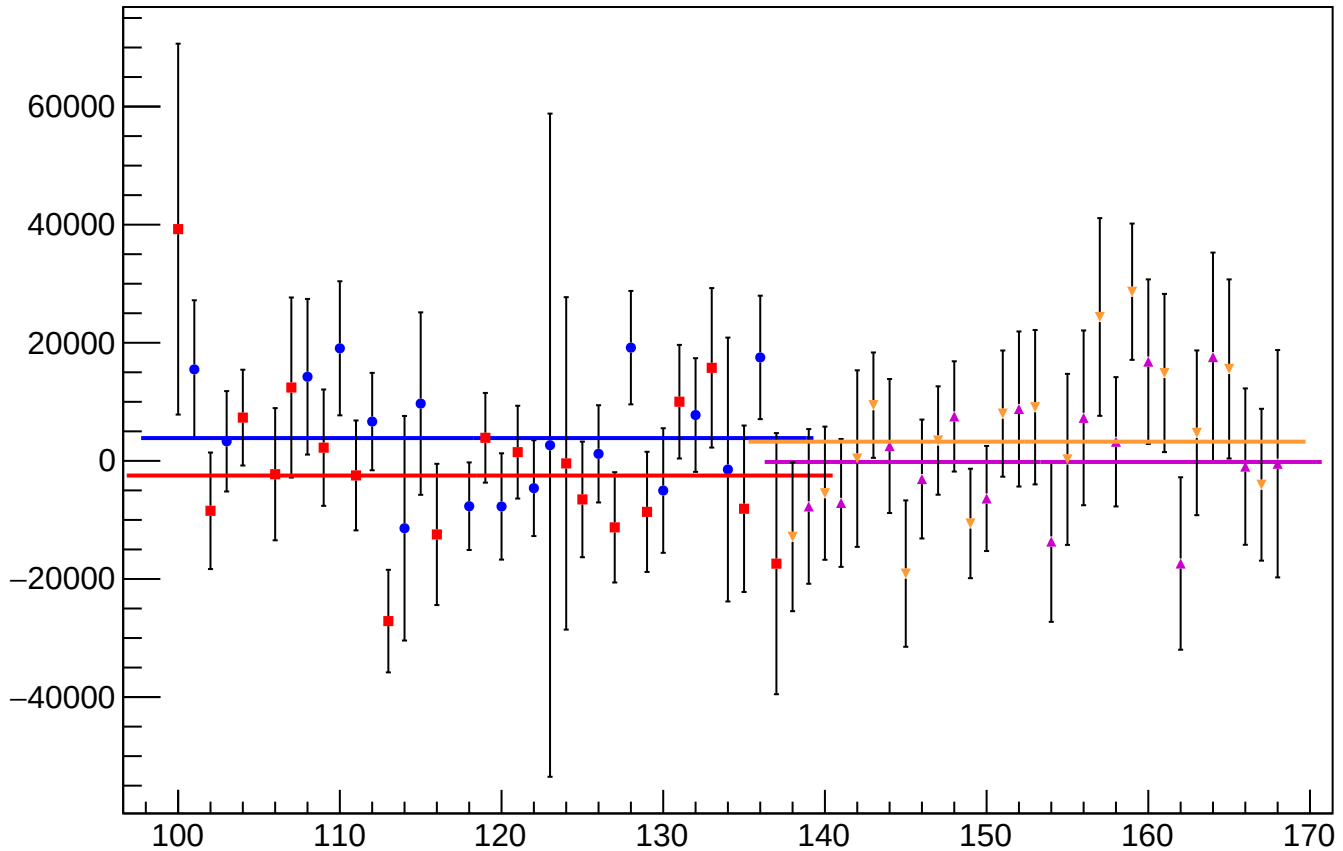
Left In: 10274.196+/-2.162 χ^2/NDF :911938.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3163.235+/-0.747 χ^2/NDF : 29037236.0/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



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

Left Out: 3250.287+/-2977.552 χ^2/NDF : 16.9/15

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

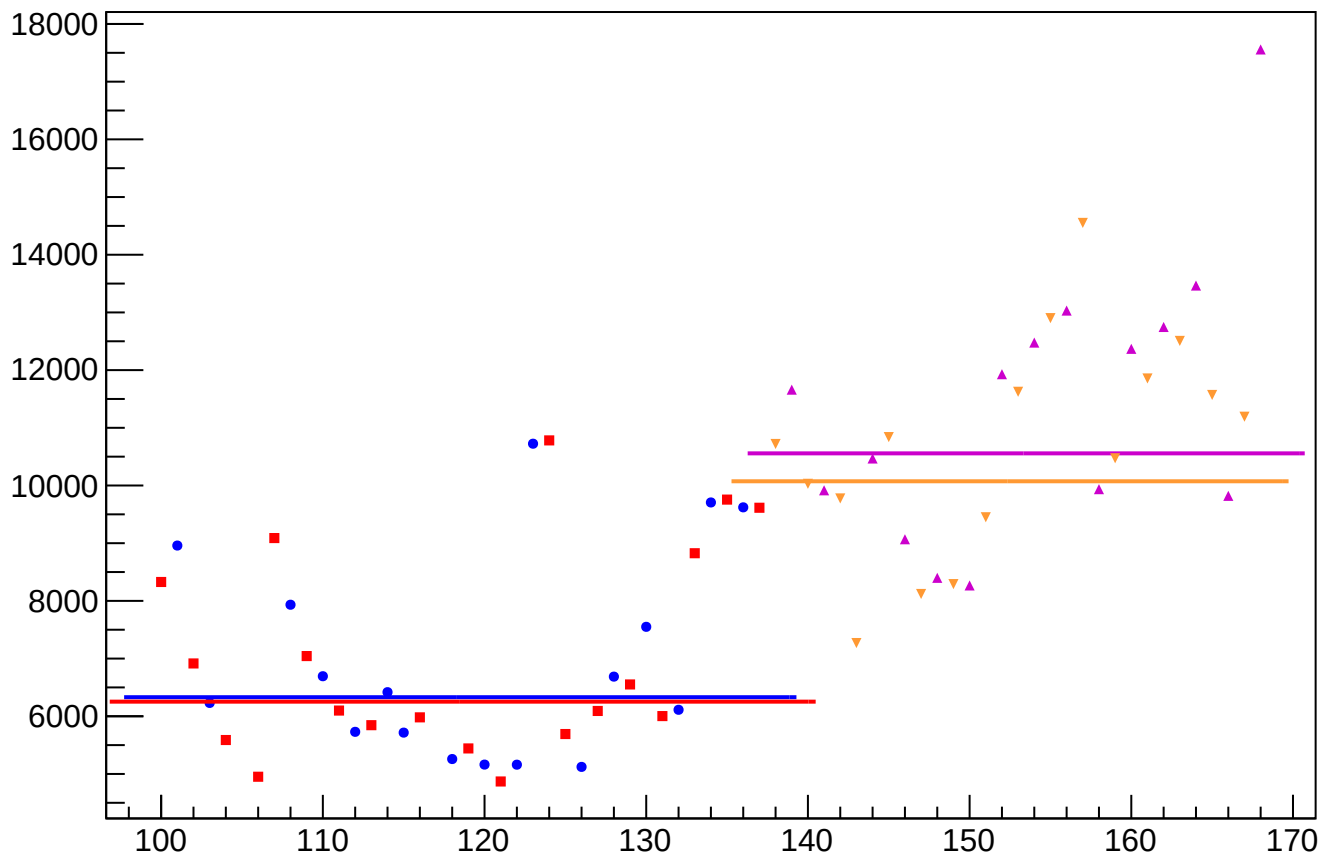
Left In: -186.038+/-3136.695 χ^2/NDF : 7.7/14

+ sign 3606.783+/-1918.561 χ^2/NDF : 31.6/32

All: 988.182+/-1355.964 χ^2/NDF : 63.5/66

- sign -1625.302+/-1916.685 χ^2/NDF : 28.1/33

asym_atl2_rms vs Slug



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

Left Out: 10073.153+/-2.105 χ^2/NDF : 763523.6/15

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

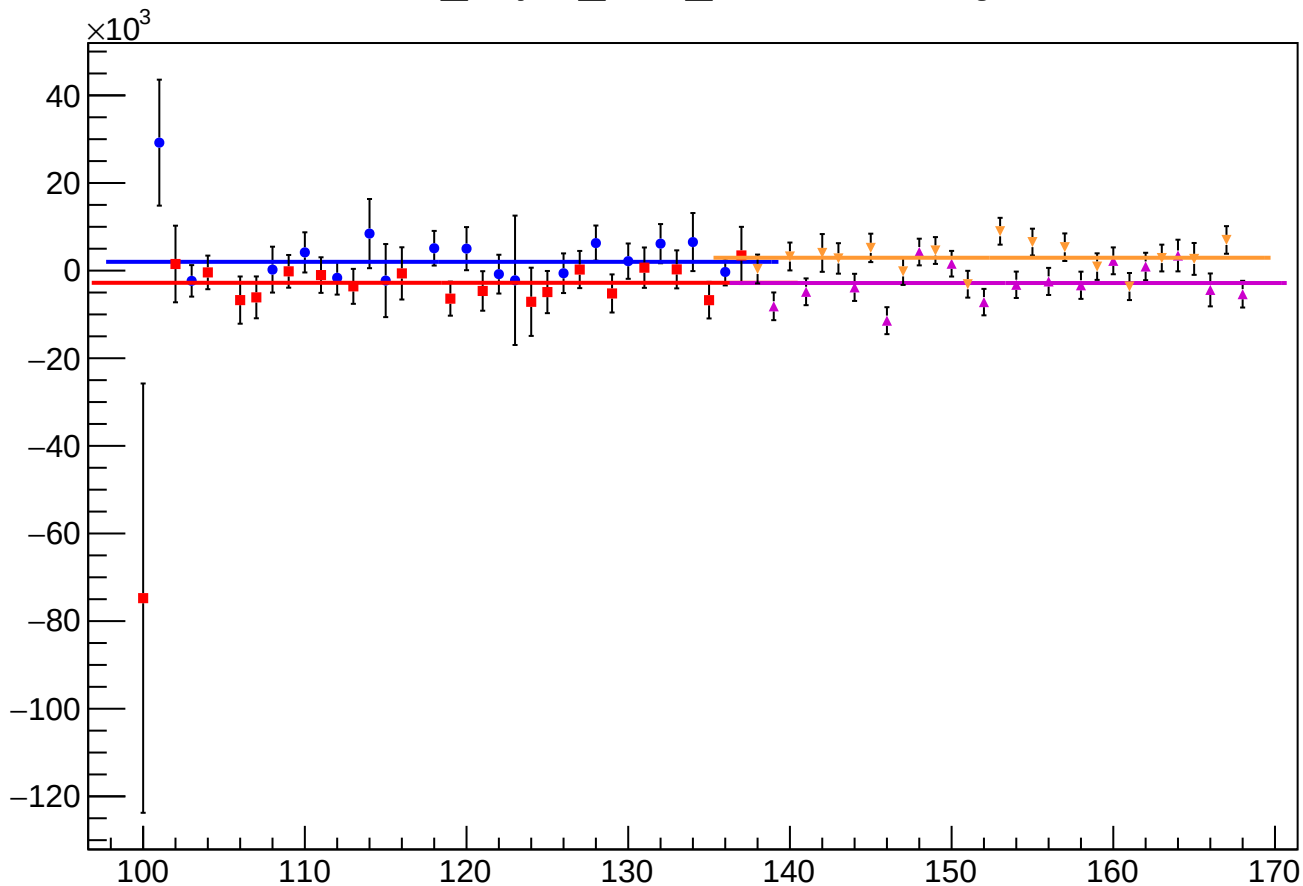
Left In: 10557.165+/-2.218 χ^2/NDF : 831853.0/14

+ sign 7884.229+/-1.357 χ^2/NDF : 3205105.1/32

All: 7872.215+/-0.959 χ^2/NDF : 6931928.6/60

- sign 7860.225+/-1.355 χ^2/NDF : 3726666.8/33

dit_asym_atr1_mean vs Slug



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

Left Out: 2938.313 $\pm$ 802.600 χ^2/NDF : 18.8/15

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

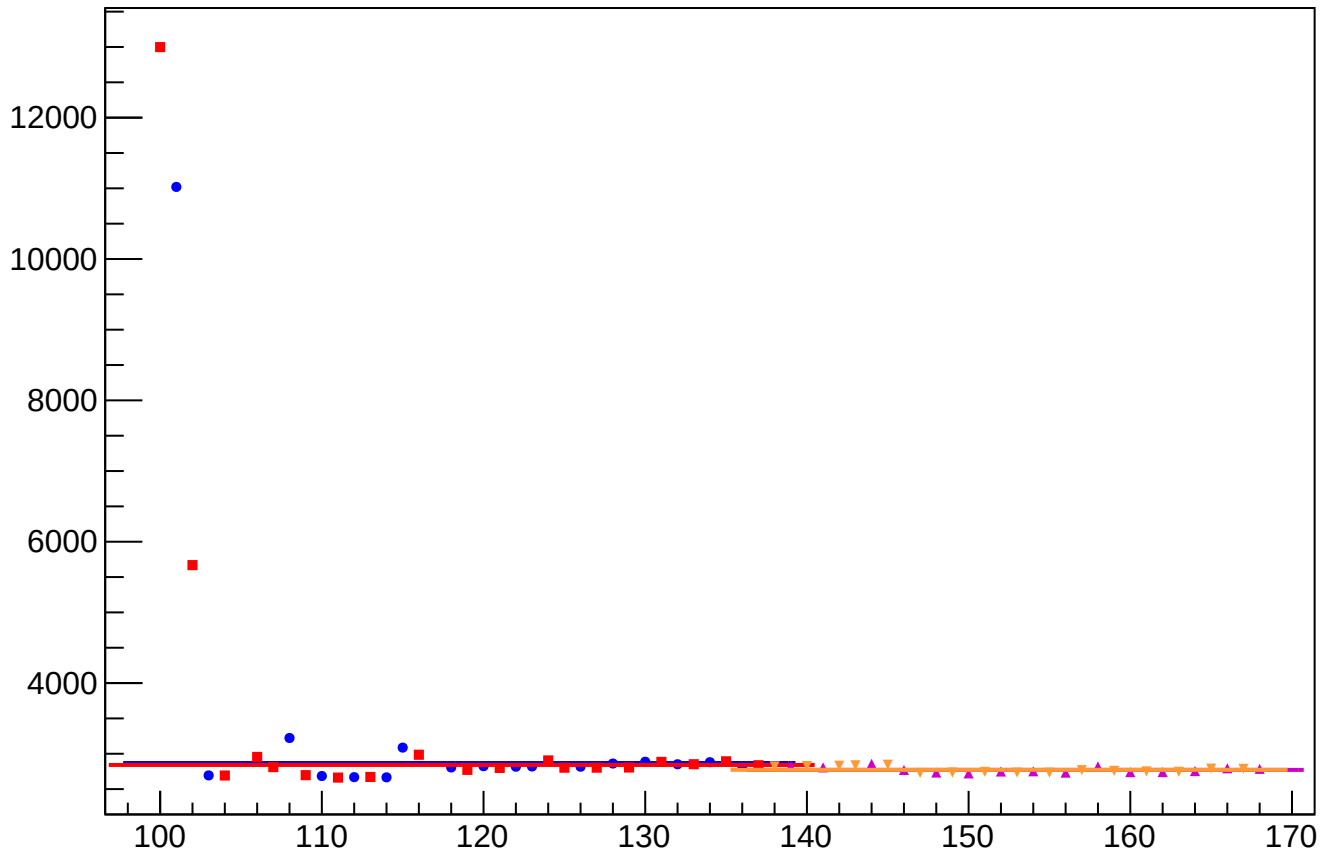
Left In: -2829.718 $\pm$ 807.499 χ^2/NDF : 29.0/14

+ sign 2627.041 $\pm$ 655.165 χ^2/NDF : 31.3/32

All: -122.430 $\pm$ 460.730 χ^2/NDF : 105.1/66

- sign -2812.378 $\pm$ 648.034 χ^2/NDF : 38.9/33

dit_asym_atr1_rms vs Slug



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

Left Out: 2772.930 $\pm$ 0.568 χ^2 /NDF: 4993.2/15

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

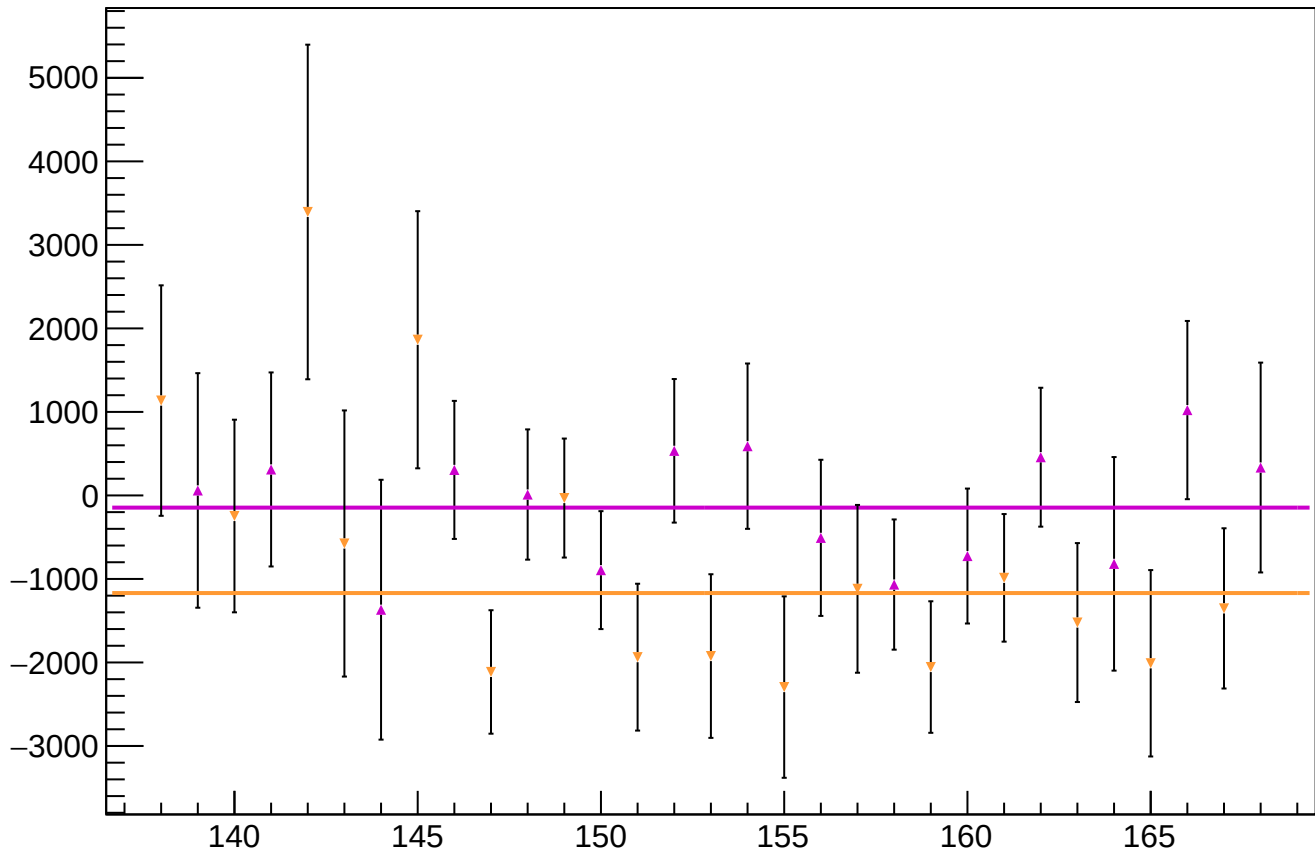
Left In: 2771.655 $\pm$ 0.571 χ^2 /NDF: 4815.1/14

+ sign 2805.049 $\pm$ 0.463 χ^2 /NDF: 684493.8/32

All: 2800.748 $\pm$ 0.326 χ^2 /NDF: 1007337.9/60

- sign 2796.539 $\pm$ 0.458 χ^2 /NDF: 322673.5/33

asym_atr1_correction_mean vs Slug



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

Left Out: -1168.879 $\pm$ 245.174 χ^2 /NDF:21.3/15

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

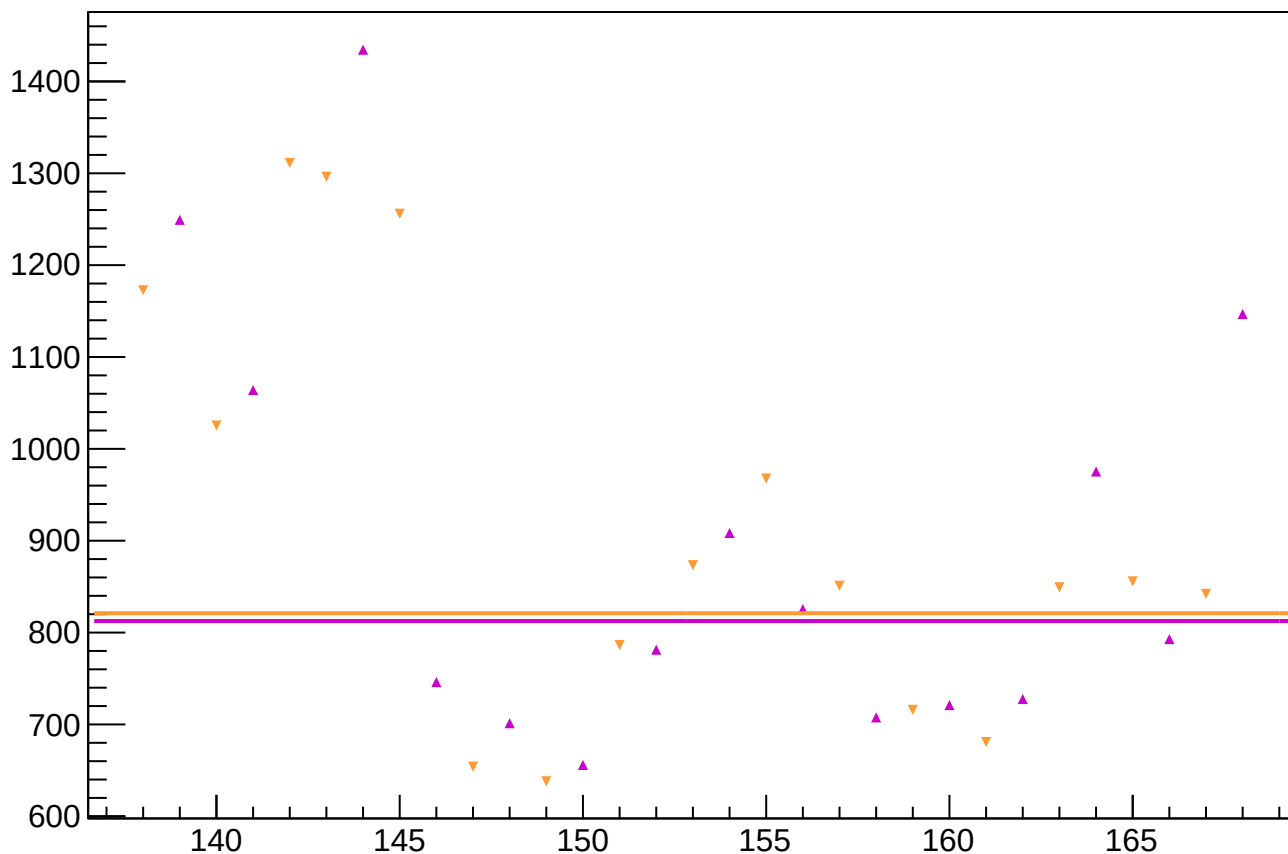
Left In: -145.999 $\pm$ 242.245 χ^2 /NDF:7.6/14

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

All: -651.292 $\pm$ 172.320 χ^2 /NDF: 37.8/30

- 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: 821.088+/-0.173 χ^2/NDF :1038676.9/15

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

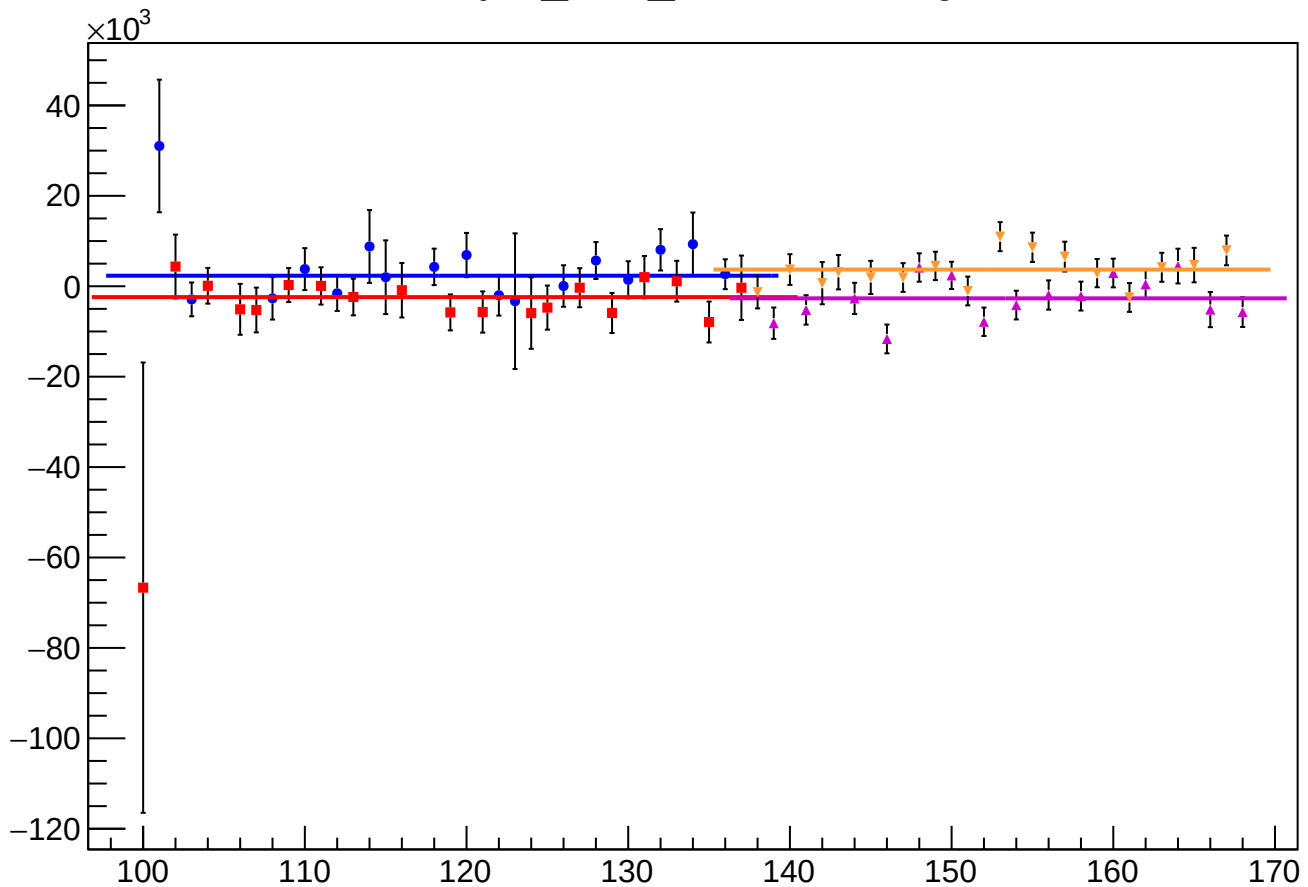
Left In: 812.549+/-0.171 χ^2/NDF :1038171.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.768+/-0.122 χ^2/NDF : 2078075.9/30

- 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: 3690.148 $\pm$ 846.295 χ^2 /NDF:19.0/15

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

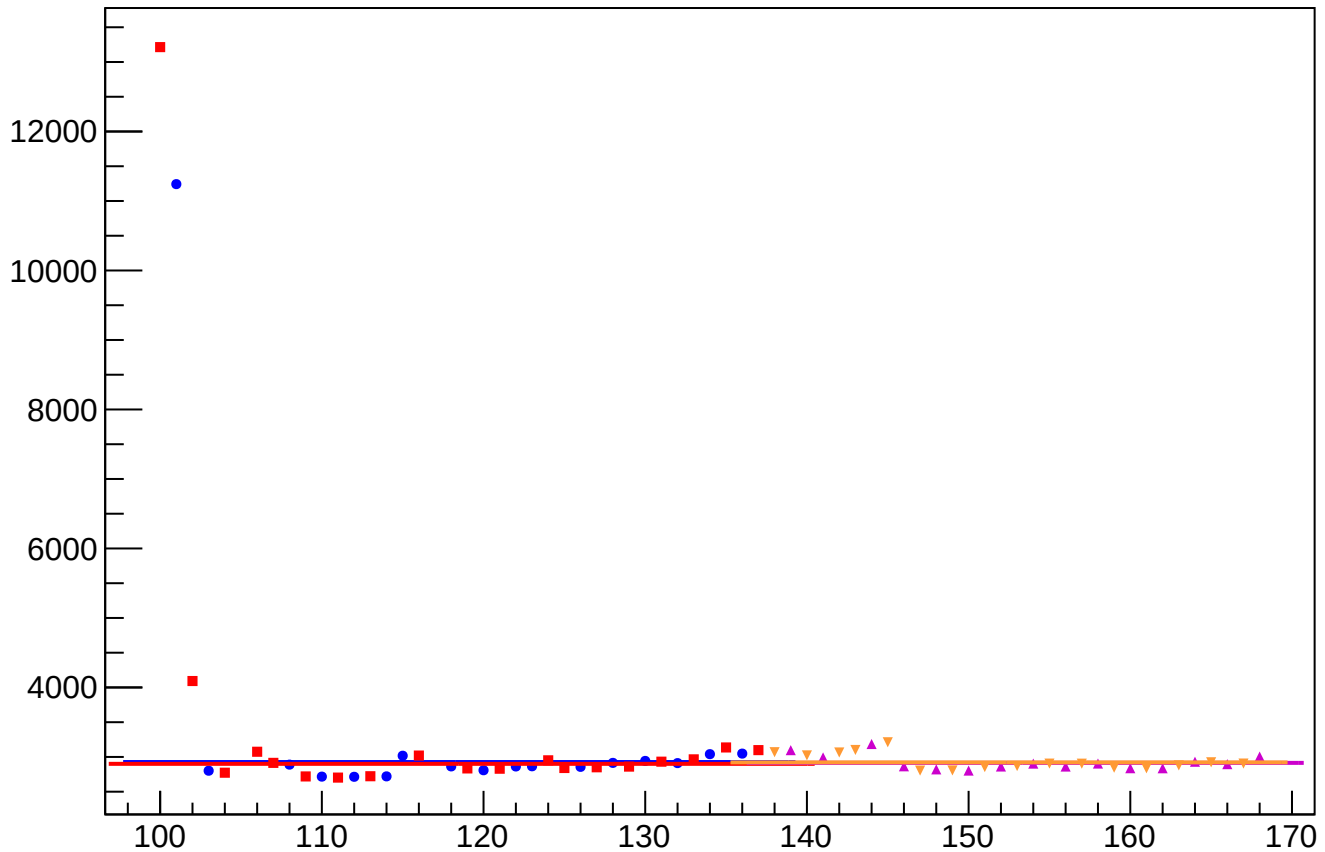
Left In: -2672.824 $\pm$ 849.618 χ^2 /NDF:30.4/14

+ sign 3215.882 $\pm$ 682.976 χ^2 /NDF: 34.2/32

All: 285.888 $\pm$ 479.980 χ^2 /NDF: 111.1/66

- sign -2573.430 $\pm$ 674.688 χ^2 /NDF: 40.5/33

asym_atr1_rms vs Slug



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

Left Out: 2921.714+/-0.598 χ^2/NDF : 33946.7/15

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

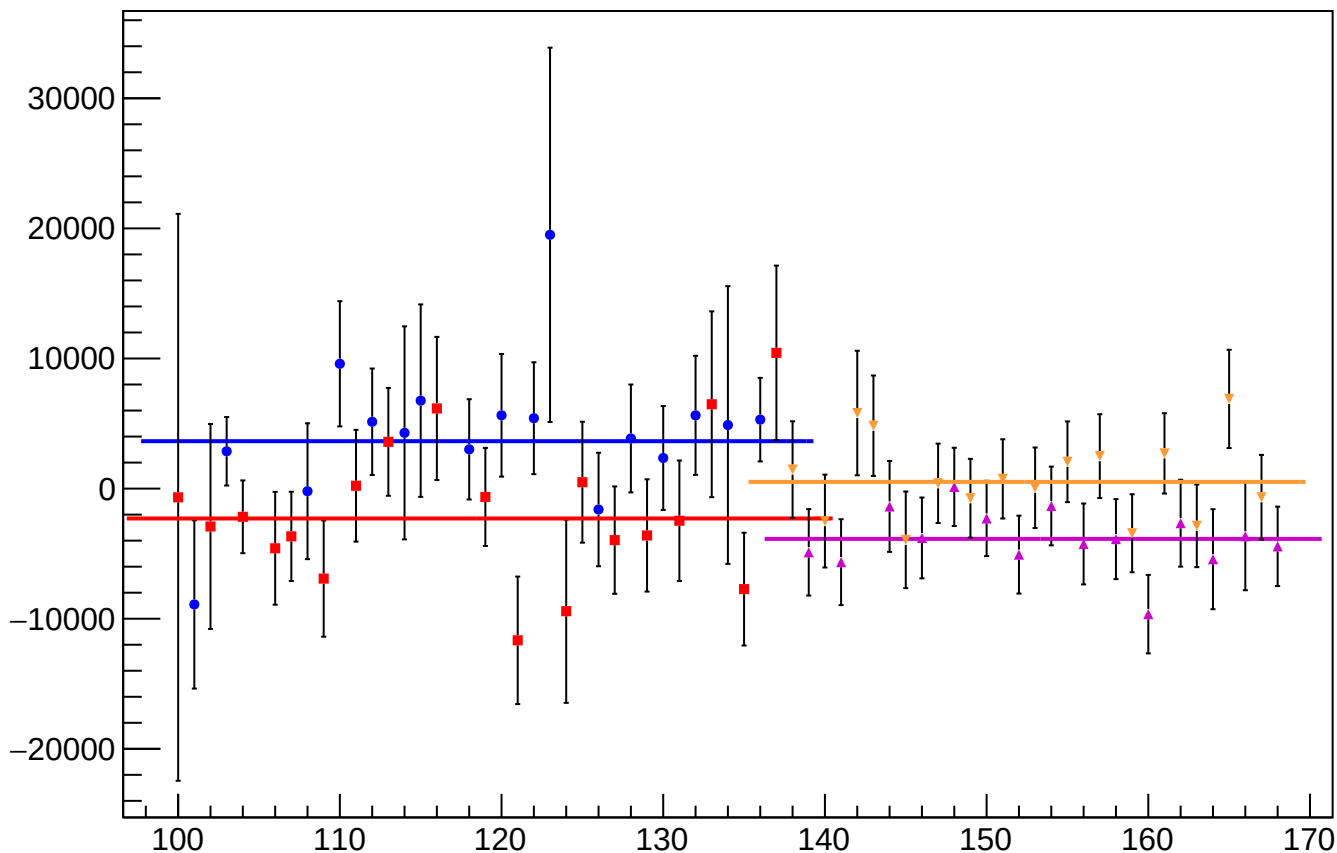
Left In: 2914.637+/-0.601 χ^2/NDF : 29067.7/14

+ sign 2923.422+/-0.483 χ^2/NDF : 696764.5/32

All: 2916.394+/-0.339 χ^2/NDF : 896312.4/66

- sign 2909.536+/-0.477 χ^2/NDF : 199129.5/33

dit_asym_atr2_mean vs Slug



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

Left Out: 518.058 $\pm$ 832.435 χ^2 /NDF:11.9/15

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

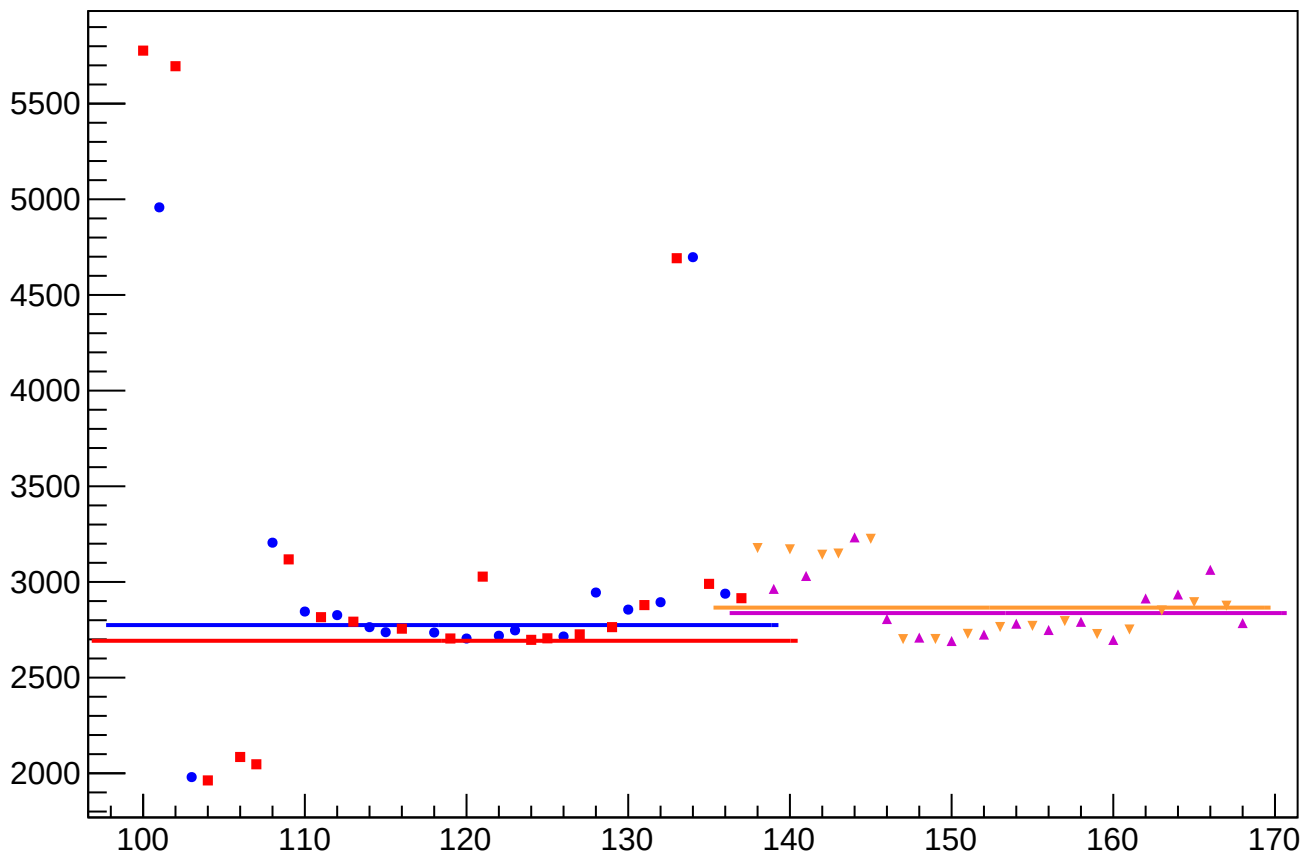
Left In: -3864.729 $\pm$ 827.319 χ^2 /NDF:7.8/14

+ sign 1668.090 $\pm$ 661.904 χ^2 /NDF: 26.9/32

All: -844.911 $\pm$ 463.441 χ^2 /NDF: 82.8/66

- sign -3261.581 $\pm$ 649.093 χ^2 /NDF: 27.7/33

dit_asym_atr2_rms vs Slug



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

Left Out: 2865.888+/-0.589 χ^2/NDF : 92706.2/15

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

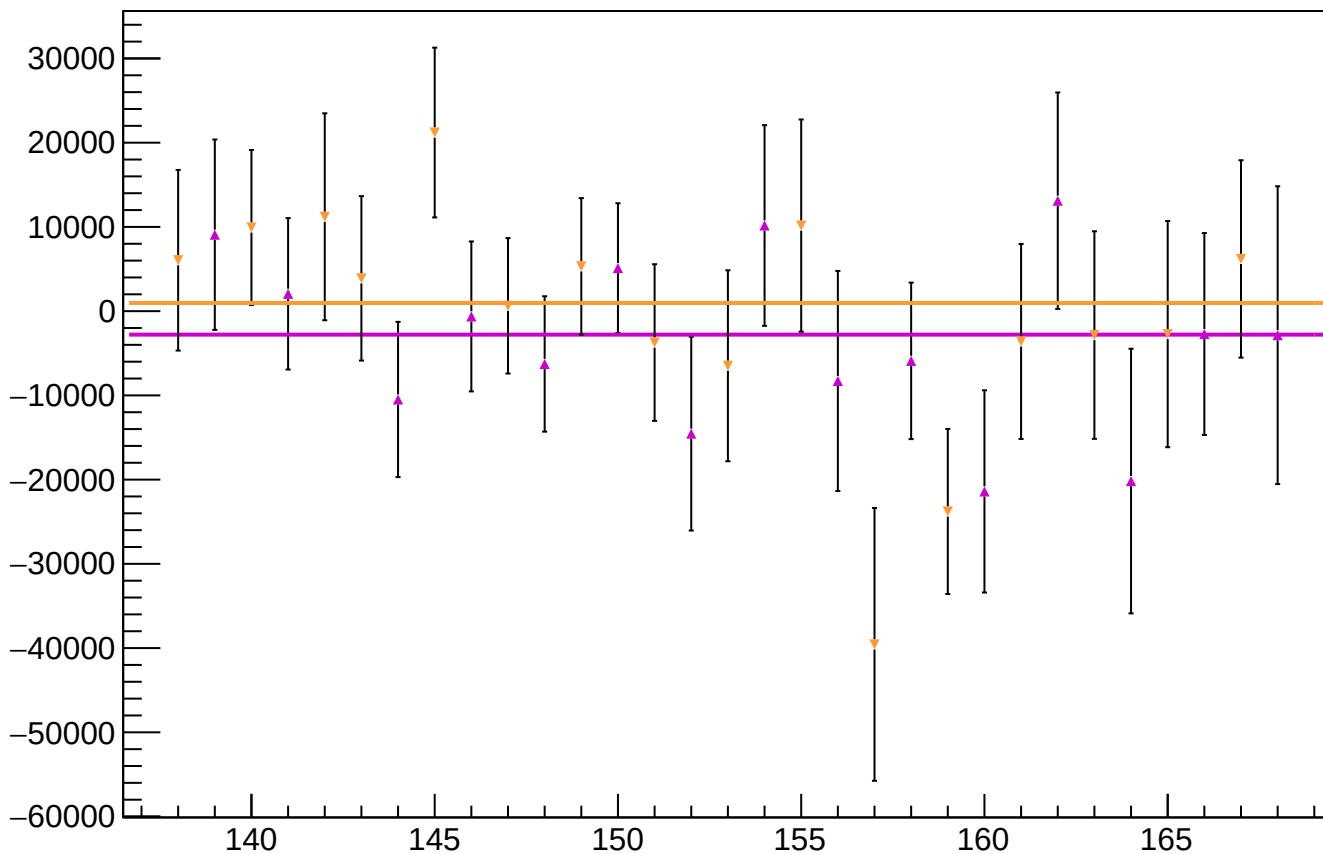
Left In: 2837.306+/-0.585 χ^2/NDF : 63152.8/14

+ sign 2832.323+/-0.468 χ^2/NDF : 603228.3/32

All: 2806.472+/-0.328 χ^2/NDF : 1476194.0/60

- sign 2781.617+/-0.459 χ^2/NDF : 866981.7/33

asym_atr2_correction_mean vs Slug



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

Left Out: 970.657 $\pm$ 2626.694 χ^2 /NDF:20.7/15

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

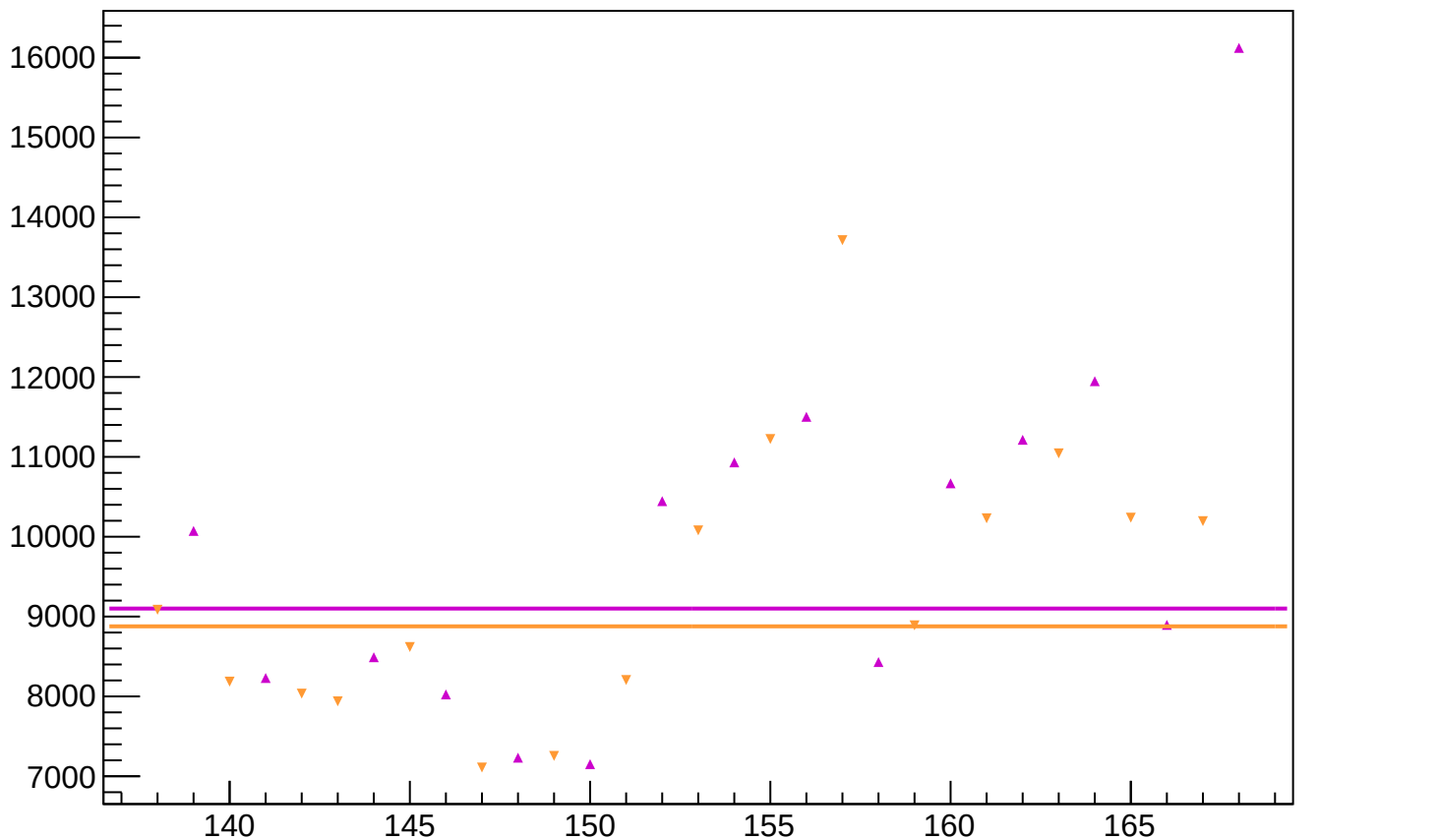
Left In: -2786.788 $\pm$ 2709.462 χ^2 /NDF:11.1/14

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

All: -849.798 $\pm$ 1885.935 χ^2 /NDF: 32.7/30

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

asym_atr2_correction_rms vs Slug



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

Left Out: 8877.517+/-1.857 χ^2/NDF : 634147.1/15

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

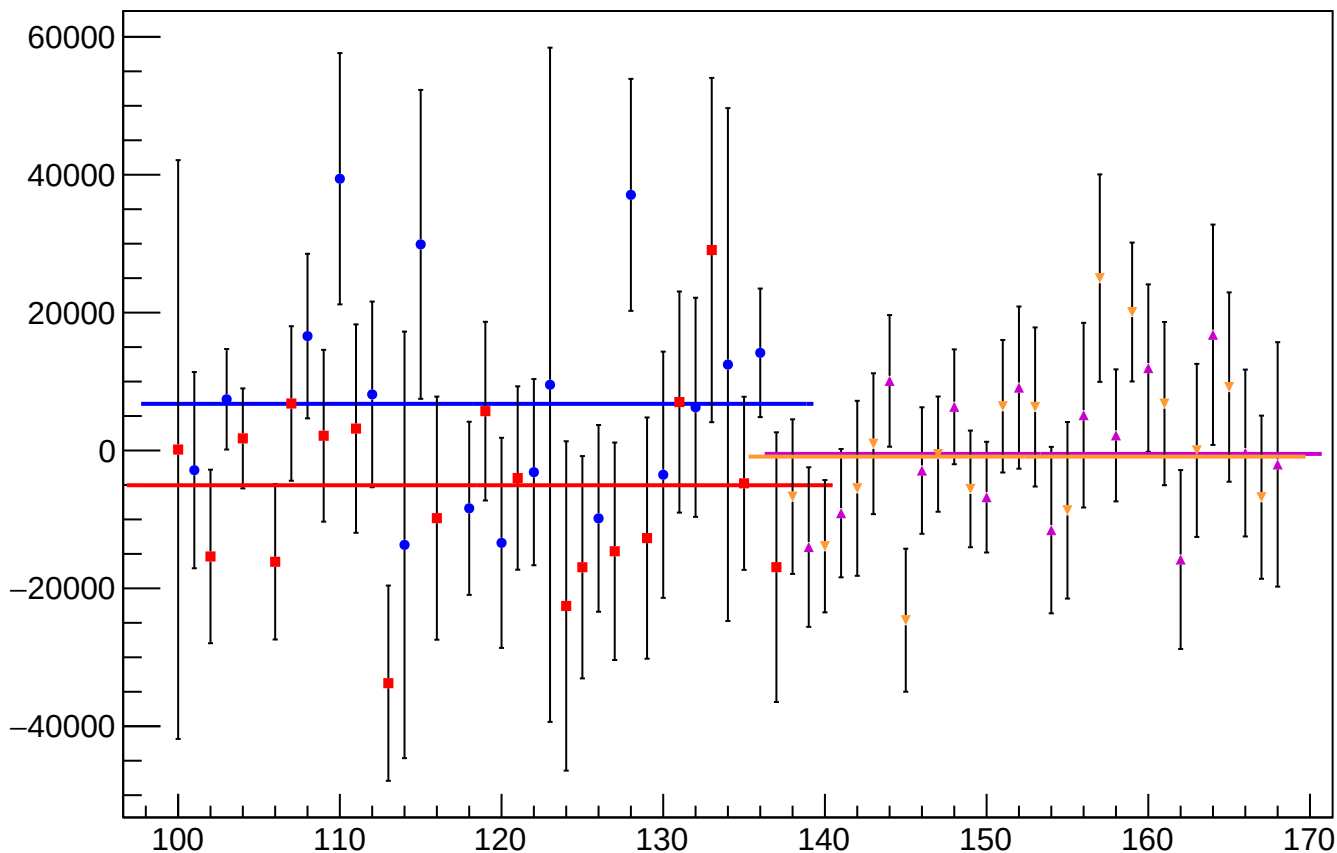
Left In: 9100.332+/-1.916 χ^2/NDF : 930288.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8985.469+/-1.334 χ^2/NDF : 1571407.9/30

- 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: -889.436 $\pm$ 2703.659 χ^2 /NDF:17.7/15

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

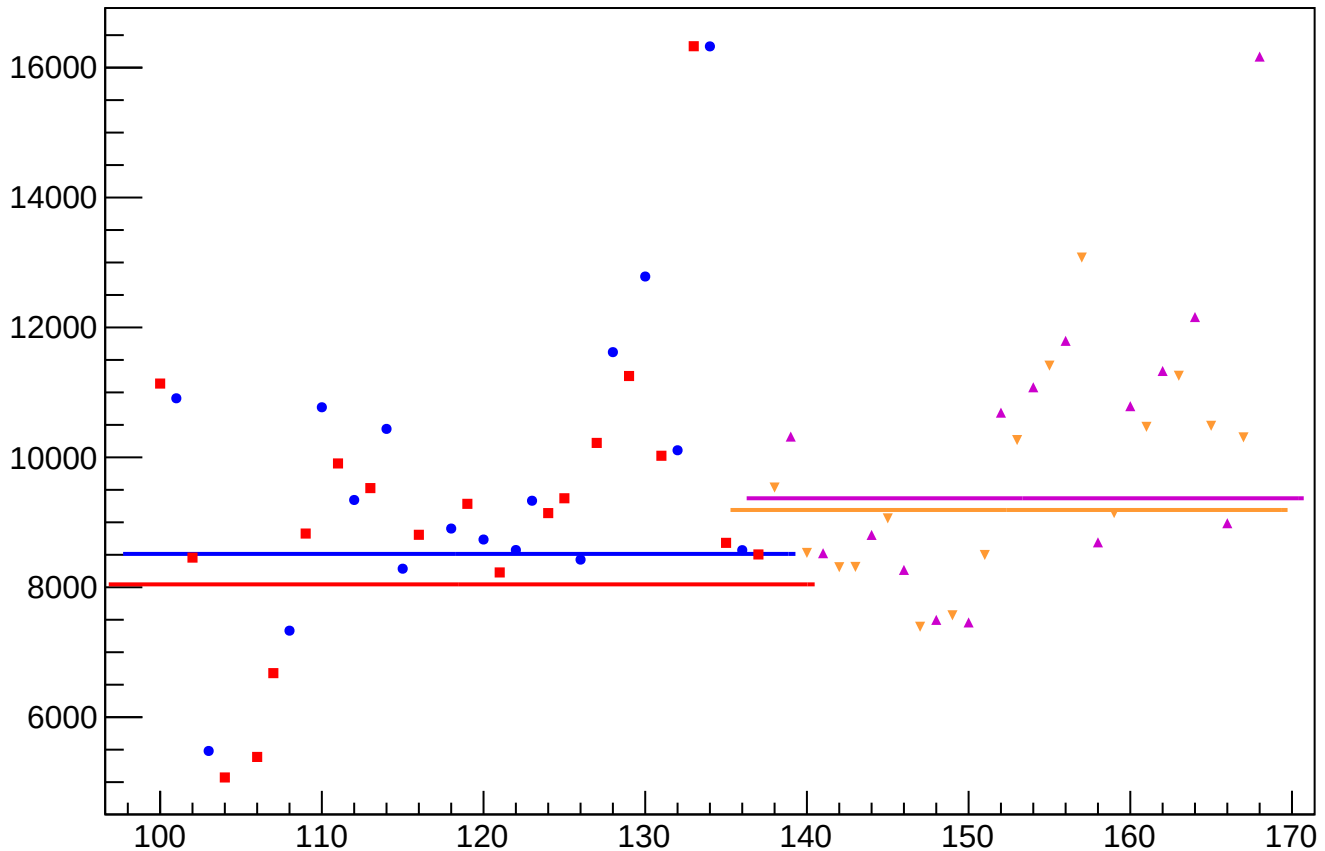
Left In: -495.391 $\pm$ 2784.413 χ^2 /NDF:10.2/14

+ sign 2090.454 $\pm$ 2113.044 χ^2 /NDF: 36.1/32

All: -216.855 $\pm$ 1486.403 χ^2 /NDF: 63.4/66

- sign -2476.940 $\pm$ 2091.308 χ^2 /NDF: 24.9/33

asym_atr2_rms vs Slug



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

Left Out: 9190.003+/-1.912 χ^2/NDF : 536697.7/15

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

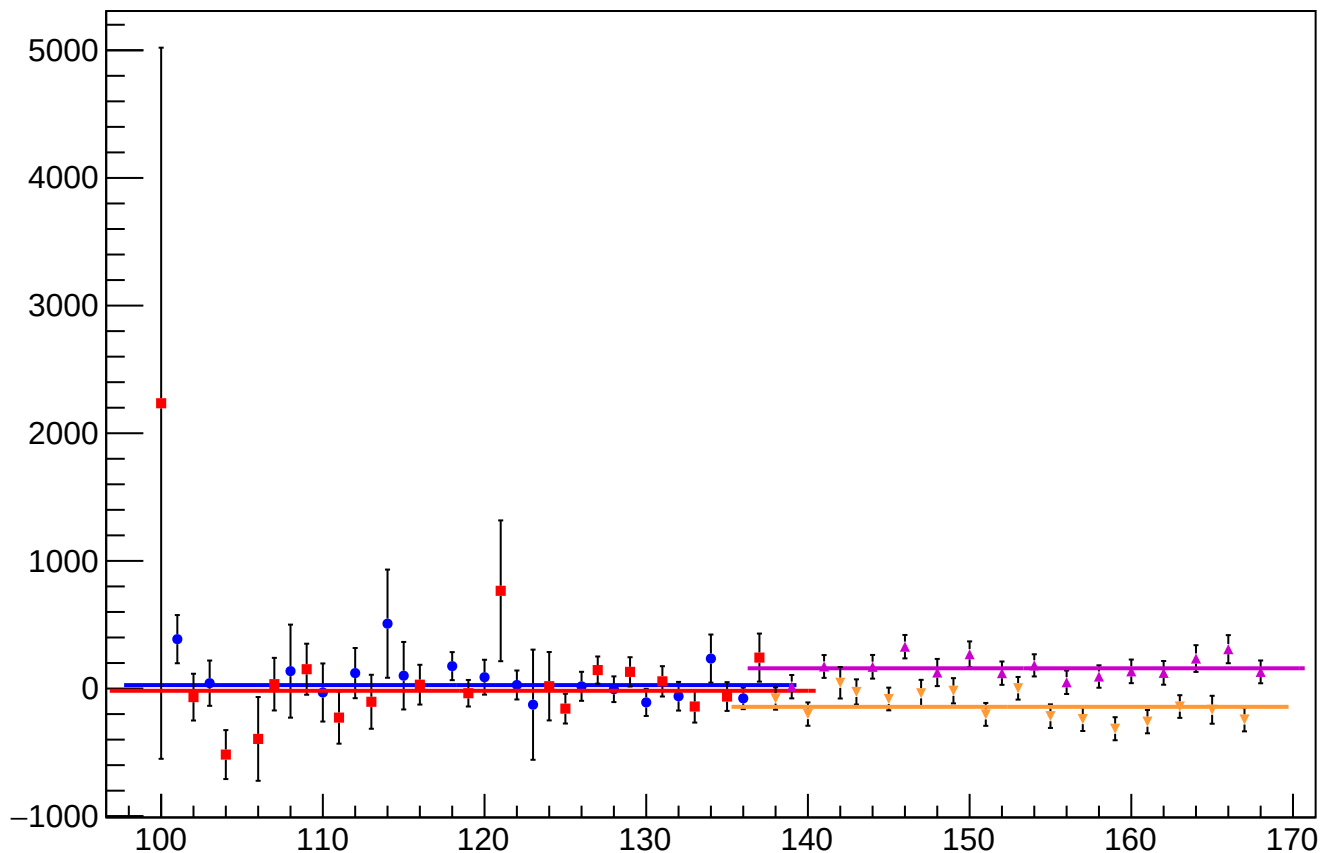
Left In: 9370.006+/-1.969 χ^2/NDF : 850974.4/14

+ sign 8926.786+/-1.494 χ^2/NDF : 1348020.6/32

All: 8858.857+/-1.051 χ^2/NDF : 3352892.6/66

- sign 8792.320+/-1.479 χ^2/NDF : 2000780.6/33

dit_asym_sam1_mean vs Slug



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

Left Out: -143.251+/-23.638 χ^2/NDF :19.0/15

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

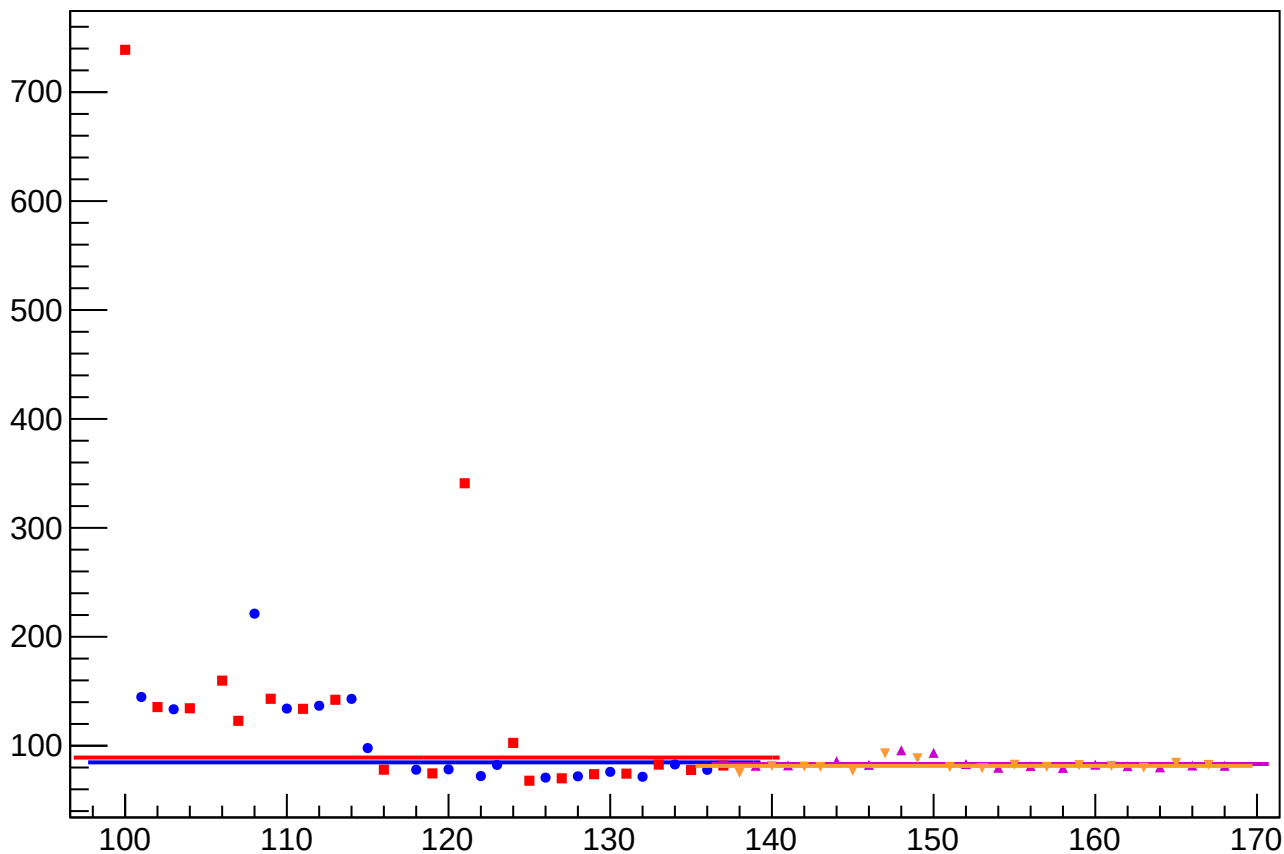
Left In: 158.759+/-24.266 χ^2/NDF :12.1/14

+ sign -87.861+/-19.413 χ^2/NDF : 48.5/32

All: 4.423+/-13.944 χ^2/NDF : 145.9/66

- sign 102.775+/-20.041 χ^2/NDF : 50.7/33

dit_asym_sam1_rms vs Slug



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

Left Out: 81.477+/-0.017 χ^2/NDF : 54298.1/15

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

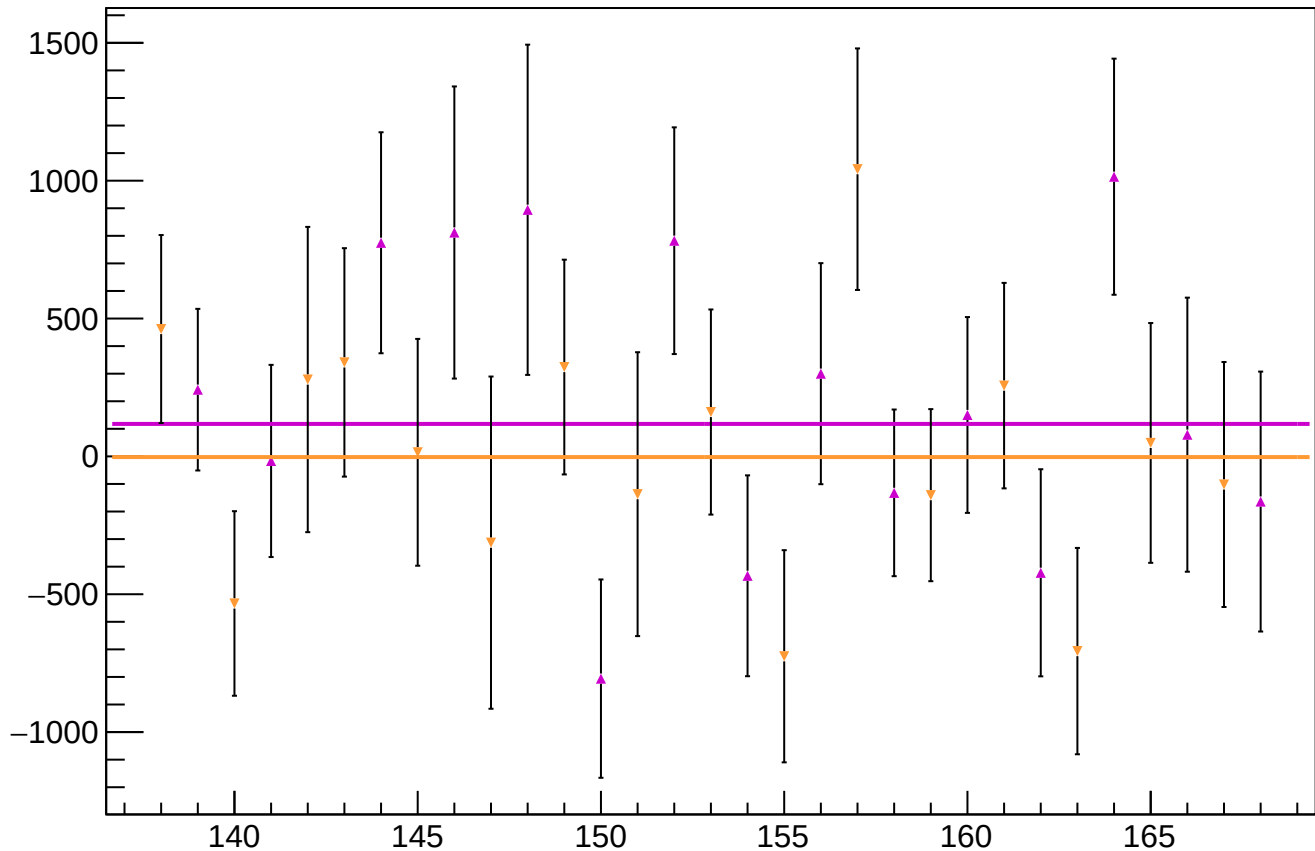
Left In: 83.209+/-0.017 χ^2/NDF : 62271.9/14

+ sign 82.538+/-0.014 χ^2/NDF : 1131099.1/32

All: 83.776+/-0.010 χ^2/NDF : 2807455.3/66

- sign 85.095+/-0.014 χ^2/NDF : 1659558.8/33

asym_sam1_correction_mean vs Slug



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

Left Out: -2.506 $\pm$ 100.100 χ^2 /NDF:20.0/15

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

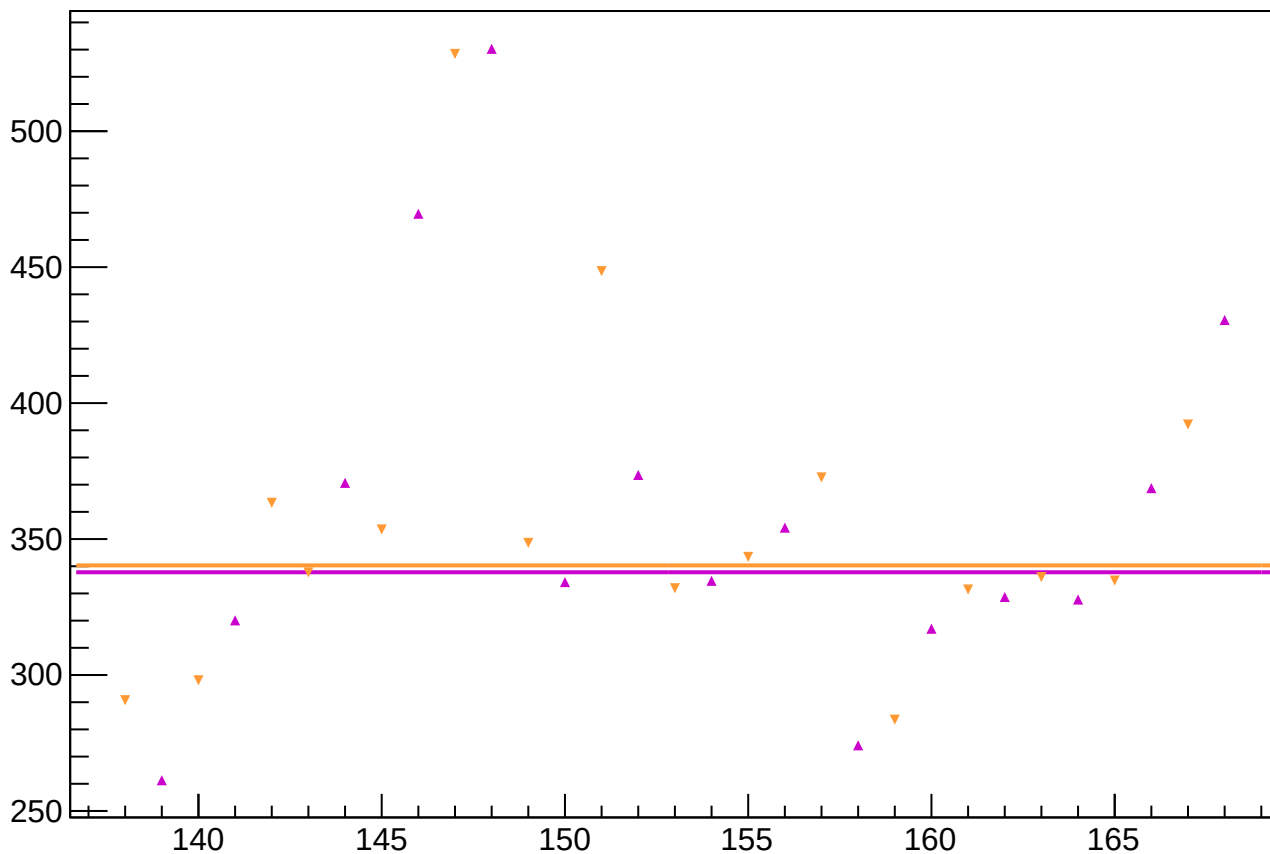
Left In: 117.763 $\pm$ 100.092 χ^2 /NDF:25.6/14

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

All: 57.634 $\pm$ 70.779 χ^2 /NDF: 46.4/30

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

asym_sam1_correction_rms vs Slug



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

Left Out: 340.315+/-0.071 χ^2/NDF : 471088.2/15

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

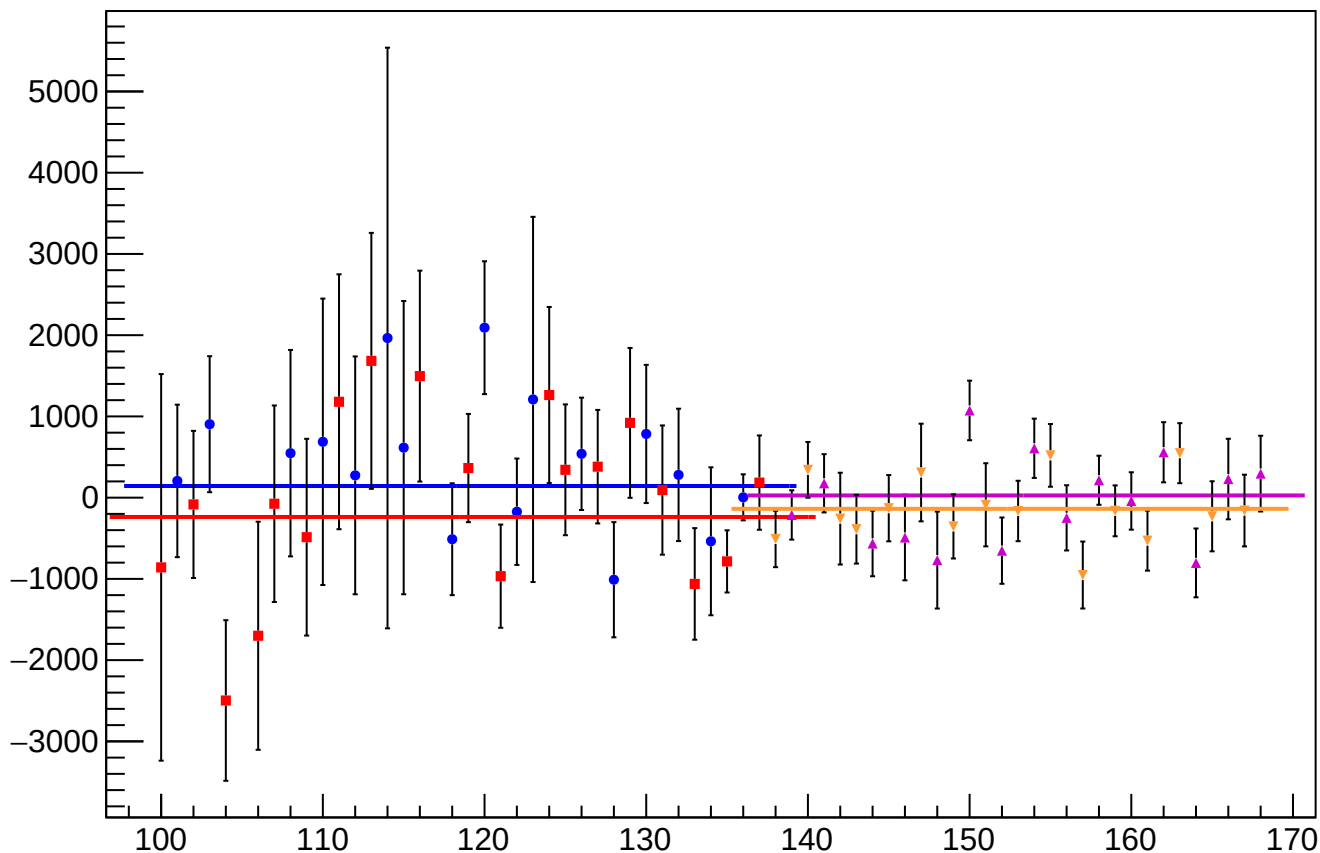
Left In: 337.790+/-0.071 χ^2/NDF : 687090.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.052+/-0.050 χ^2/NDF : 1158815.6/30

- 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: -137.487 ± 100.135 χ^2/NDF : 15.8/15

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

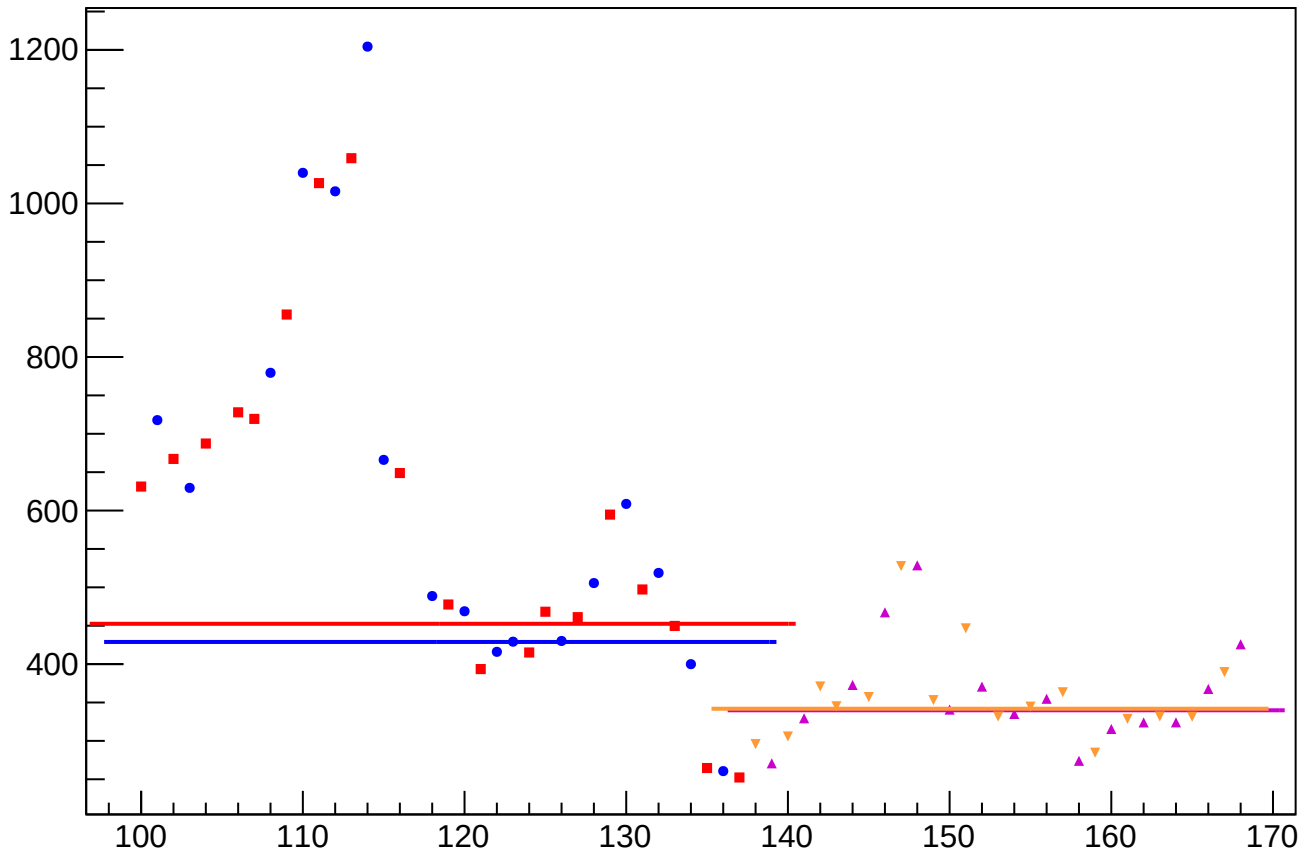
Left In: 27.183 ± 100.599 χ^2/NDF : 26.4/14

+ sign -70.651 ± 87.418 χ^2/NDF : 30.4/32

All: -52.406 ± 62.112 χ^2/NDF : 80.2/66

- sign -33.805 ± 88.267 χ^2/NDF : 49.7/33

asym_sam1_rms vs Slug



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

Left Out: 341.883+/-0.071 χ^2/NDF : 444402.9/15

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

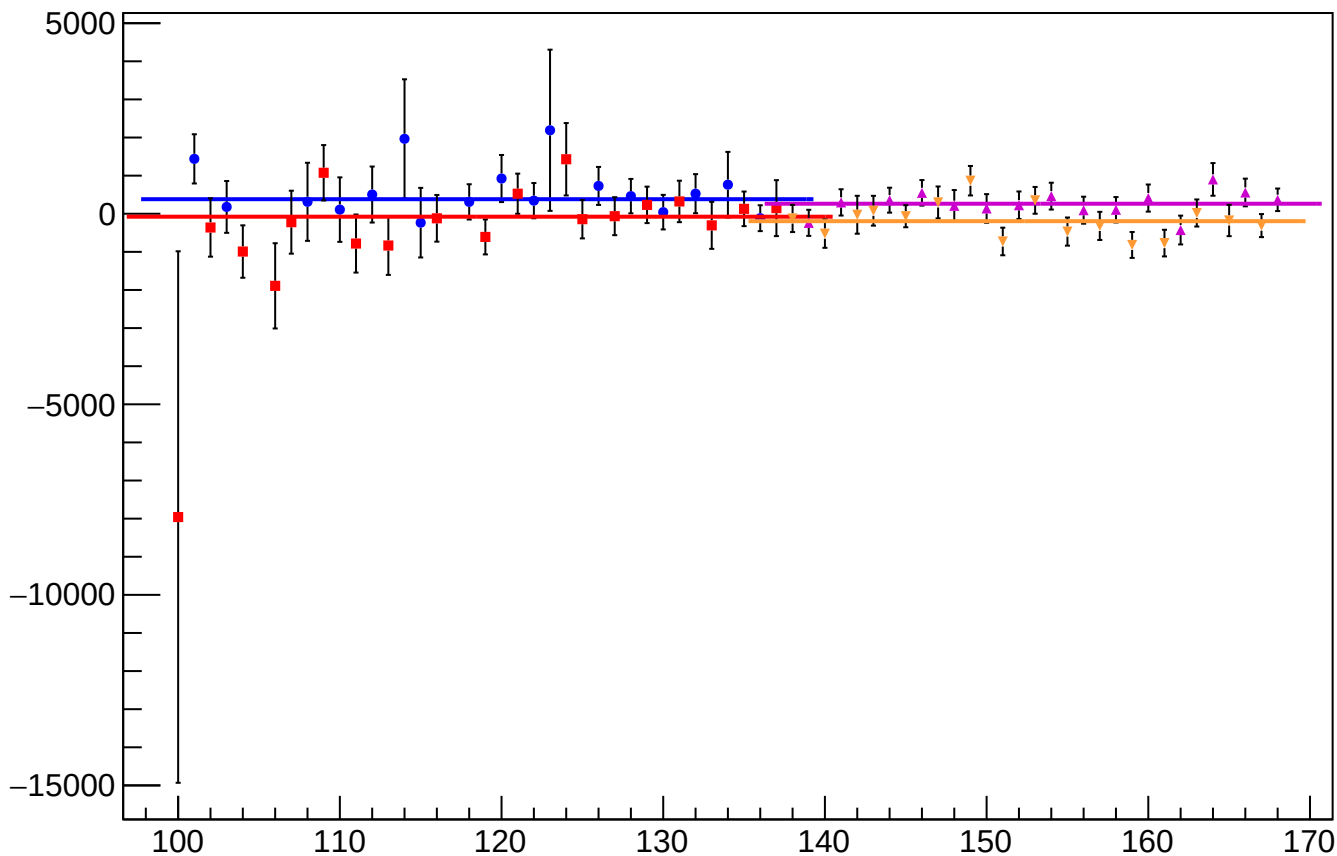
Left In: 339.853+/-0.071 χ^2/NDF : 635559.0/14

+ sign 362.571+/-0.062 χ^2/NDF : 2815632.9/32

All: 364.161+/-0.044 χ^2/NDF : 6069072.7/66

- sign 365.781+/-0.062 χ^2/NDF : 3252104.5/33

dit_asym_sam2_mean vs Slug



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

Left Out: -194.596 ± 90.538 χ^2/NDF : 22.4/15

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

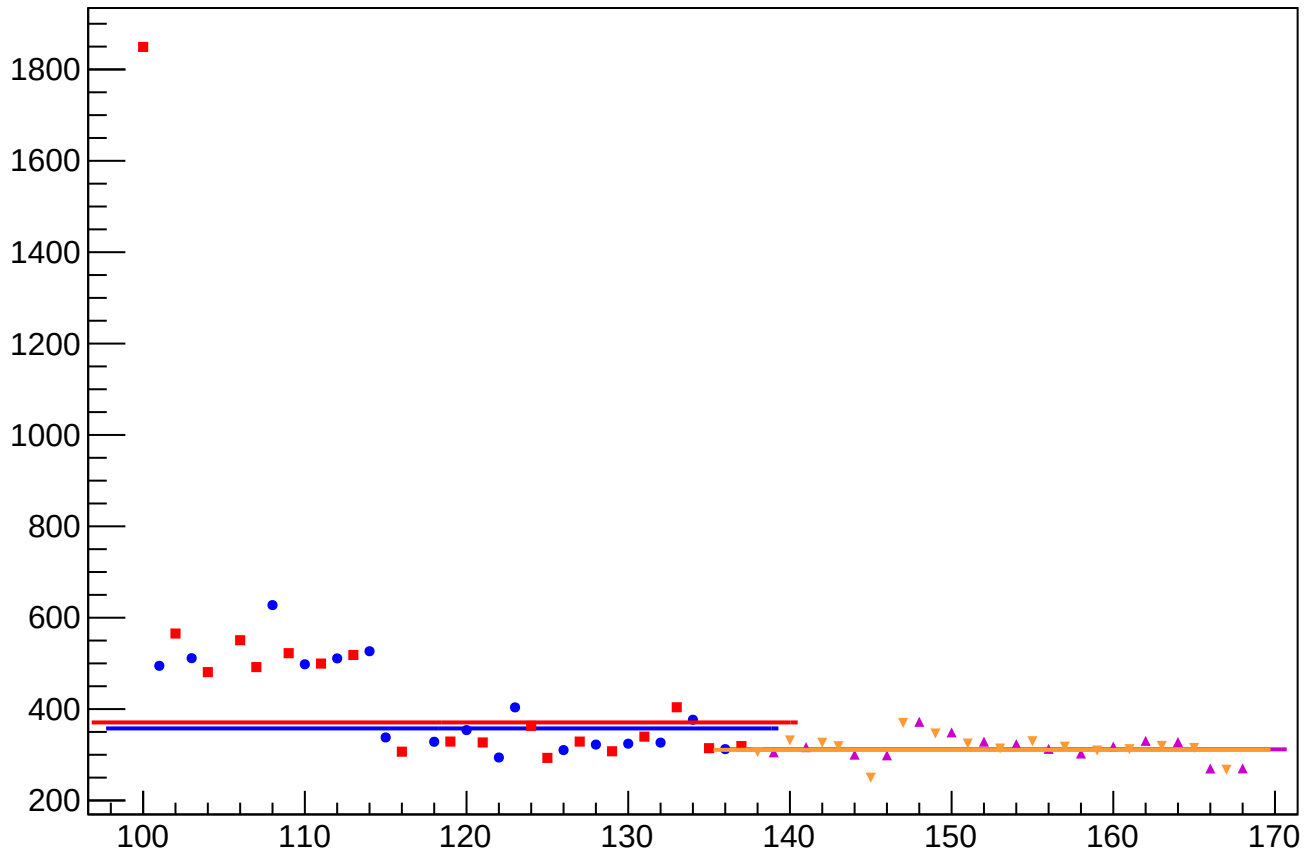
Left In: 262.934 ± 91.196 χ^2/NDF : 10.4/14

+ sign -26.620 ± 76.215 χ^2/NDF : 43.6/32

All: 68.237 ± 54.155 χ^2/NDF : 77.9/66

- sign 164.968 ± 76.964 χ^2/NDF : 31.2/33

dit_asym_sam2_rms vs Slug



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

Left Out: 310.818 $\pm$ 0.064 χ^2 /NDF: 206601.4/15

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

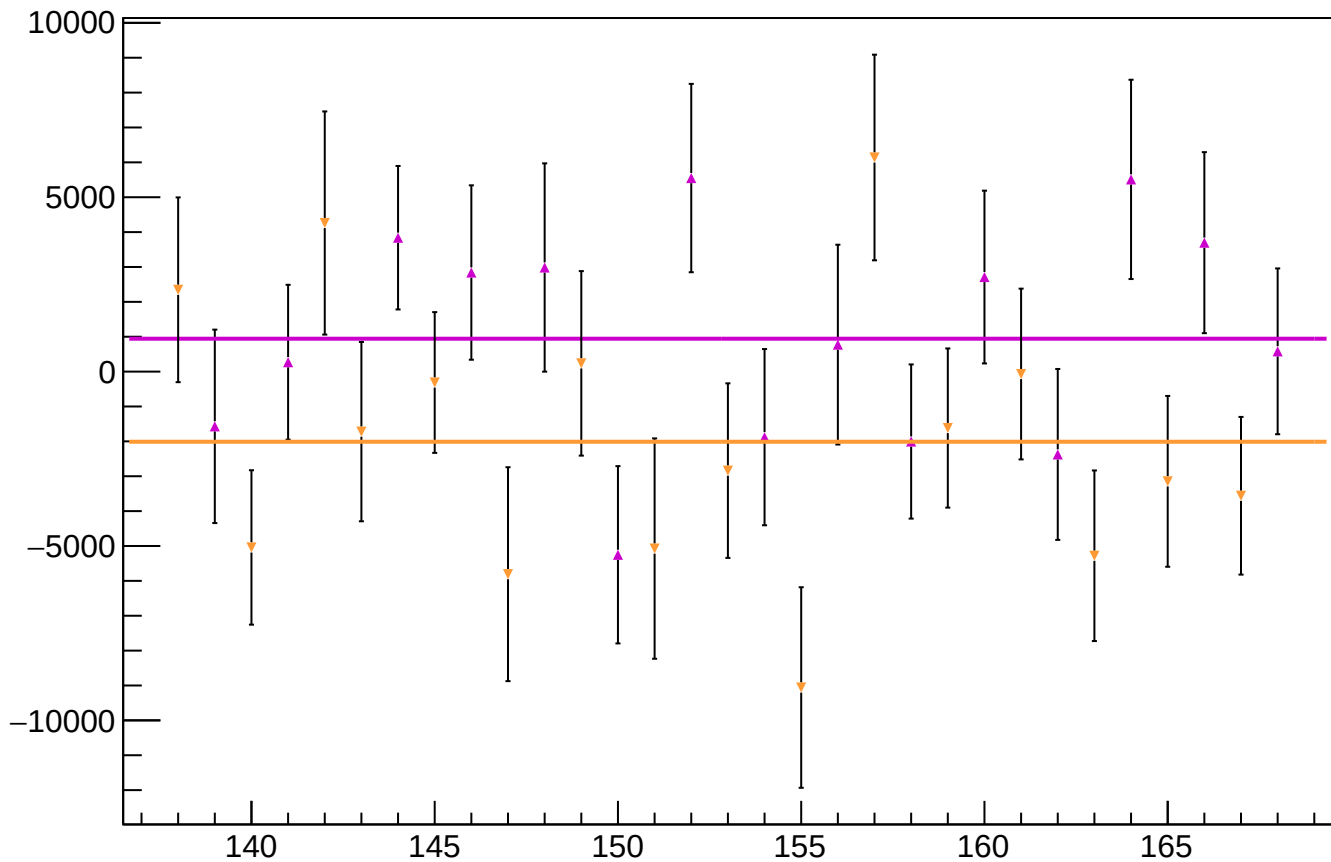
Left In: 311.886 $\pm$ 0.064 χ^2 /NDF: 151159.1/14

+ sign 324.468 $\pm$ 0.054 χ^2 /NDF: 992287.2/32

All: 326.632 $\pm$ 0.038 χ^2 /NDF: 2171632.5/66

- sign 328.839 $\pm$ 0.054 χ^2 /NDF: 1176089.2/33

asym_sam2_correction_mean vs Slug



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

Left Out: -2010.810 $\pm$ 635.686 χ^2 /NDF:29.2/15

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

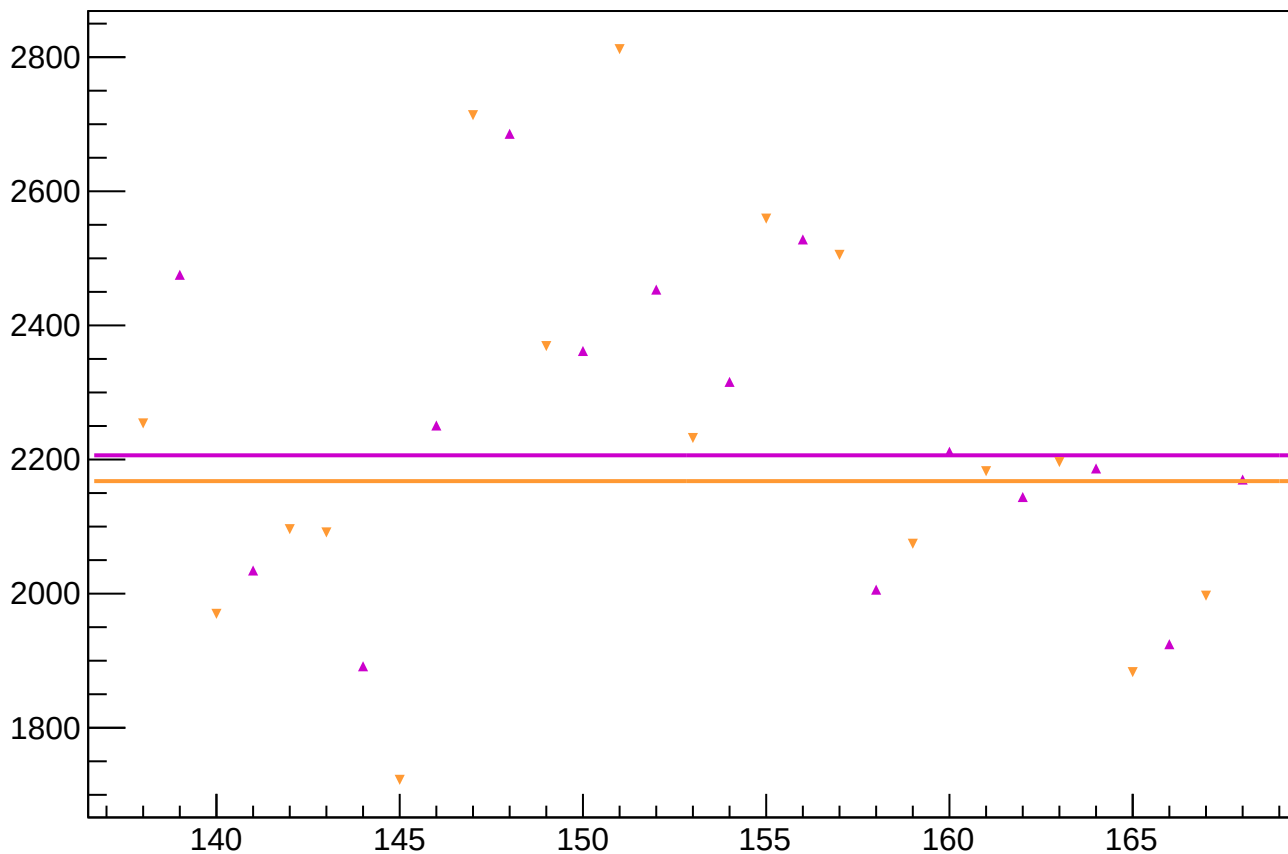
Left In: 943.232 $\pm$ 646.304 χ^2 /NDF:21.9/14

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

All: -558.256 $\pm$ 453.205 χ^2 /NDF: 61.7/30

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

asym_sam2_correction_rms vs Slug



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

Left Out: 2167.798+/-0.449 χ^2/NDF : 383118.3/15

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

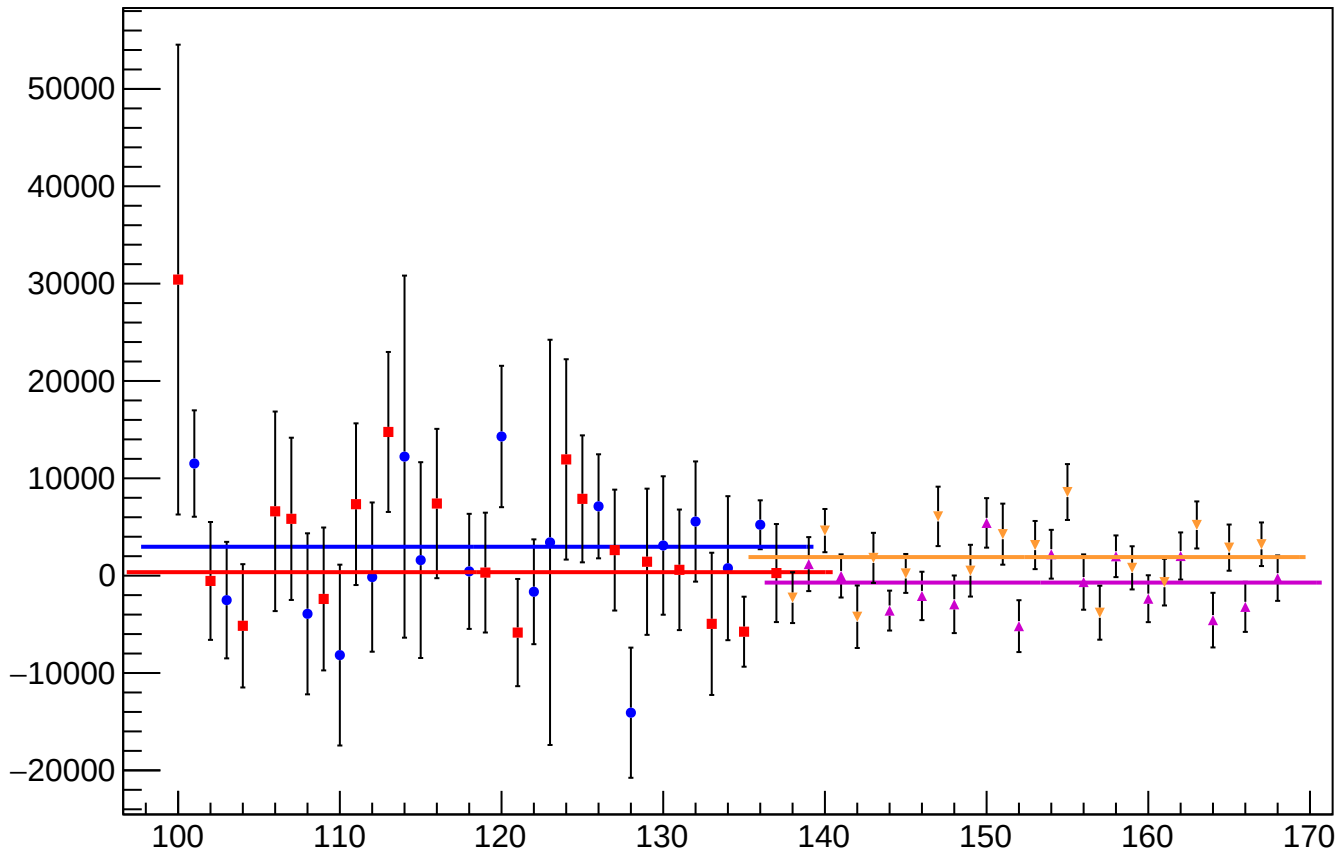
Left In: 2206.287+/-0.457 χ^2/NDF : 224864.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2186.723+/-0.320 χ^2/NDF : 611587.7/30

- 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: 1908.679 $\pm$ 627.638 χ^2 /NDF: 24.8/15

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

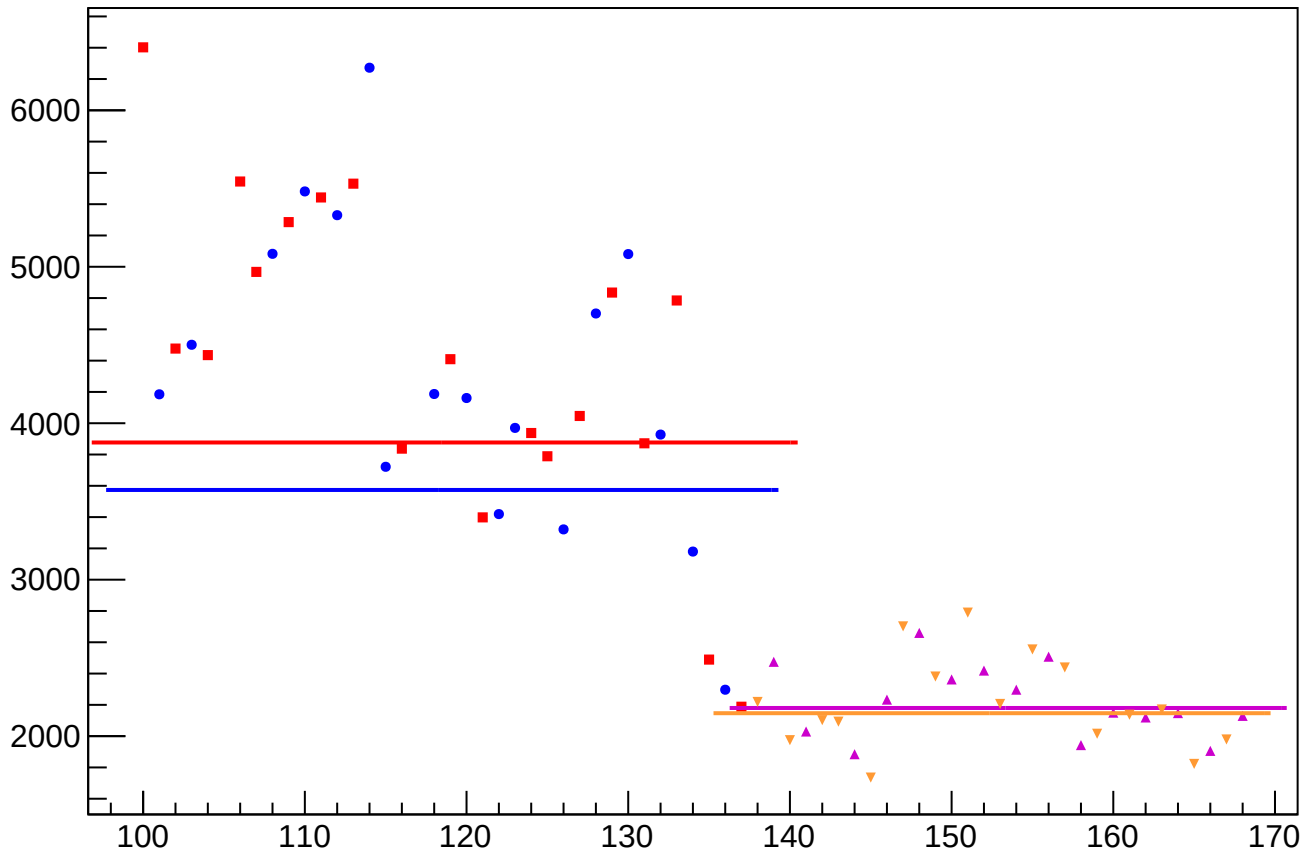
Left In: -711.876 $\pm$ 639.012 χ^2 /NDF: 19.6/14

+ sign 2077.877 $\pm$ 575.392 χ^2 /NDF: 42.6/32

All: 793.728 $\pm$ 411.355 χ^2 /NDF: 88.2/66

- sign -548.735 $\pm$ 588.312 χ^2 /NDF: 35.4/33

asym_sam2_rms vs Slug



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

Left Out: 2146.635+/-0.444 χ^2/NDF : 384822.1/15

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

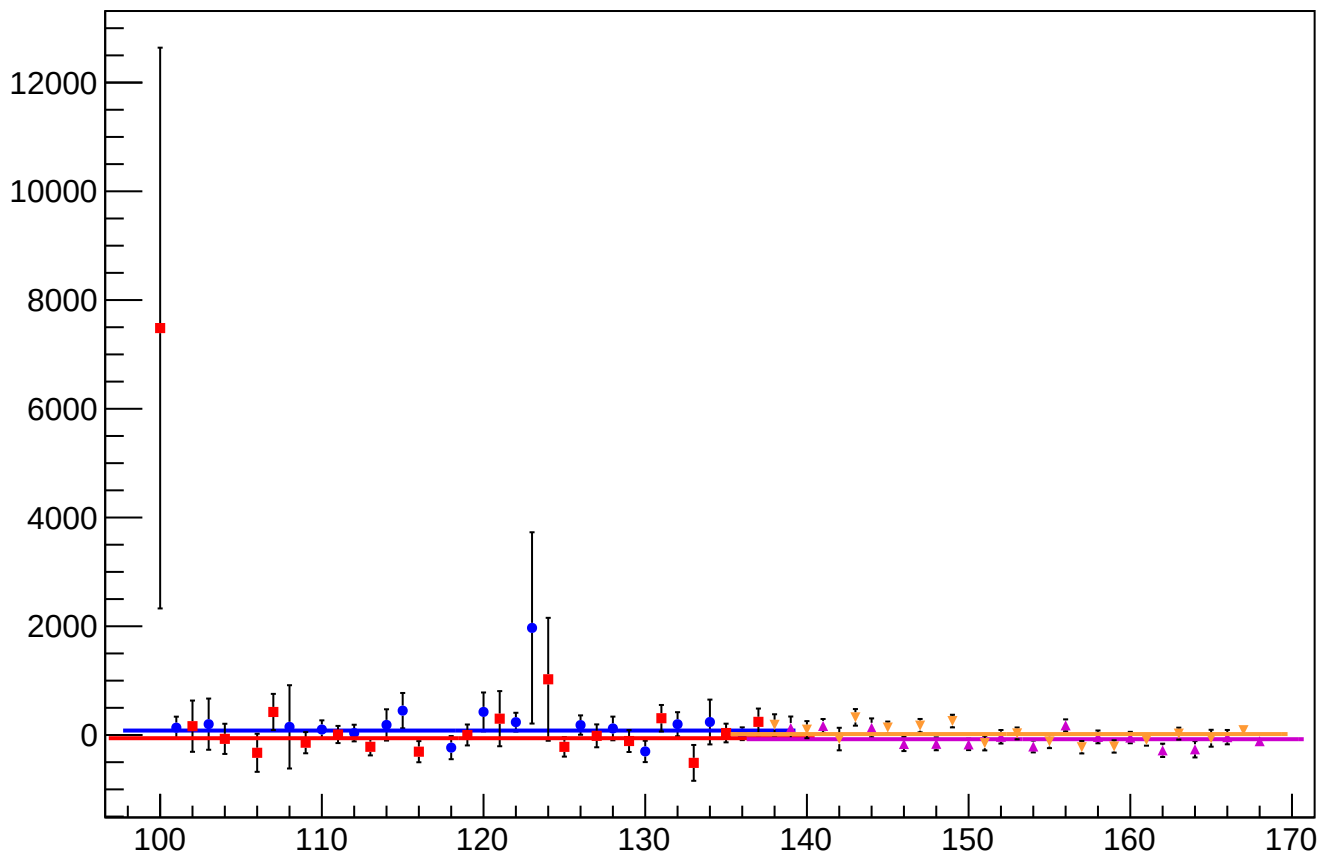
Left In: 2180.022+/-0.452 χ^2/NDF : 234324.6/14

+ sign 2374.292+/-0.407 χ^2/NDF : 3122730.1/32

All: 2405.736+/-0.291 χ^2/NDF : 6506856.9/66

- sign 2438.608+/-0.416 χ^2/NDF : 3371910.1/33

dit_asym_sam3_mean vs Slug



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

Left Out: 17.263+/-30.706 χ^2/NDF : 25.6/15

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

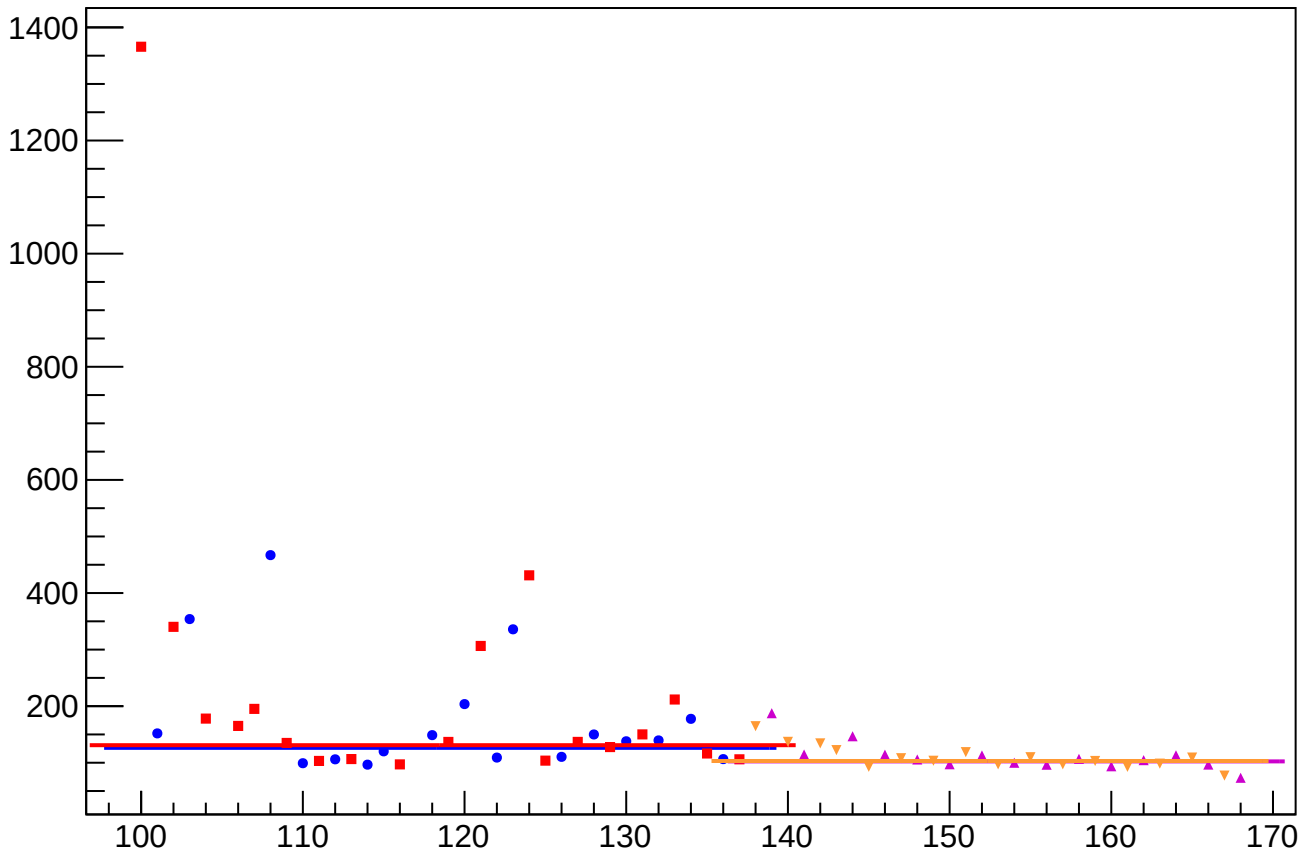
Left In: -77.087+/-30.803 χ^2/NDF : 19.7/14

+ sign 34.006+/-26.428 χ^2/NDF : 38.2/32

All: -18.819+/-18.766 χ^2/NDF : 82.5/66

- sign -72.543+/-26.653 χ^2/NDF : 36.3/33

dit_asym_sam3_rms vs Slug



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

Left Out: 103.074+/-0.022 χ^2/NDF : 633730.1/15

+ sign 109.105+/-0.019 χ^2/NDF : 2241946.5/32

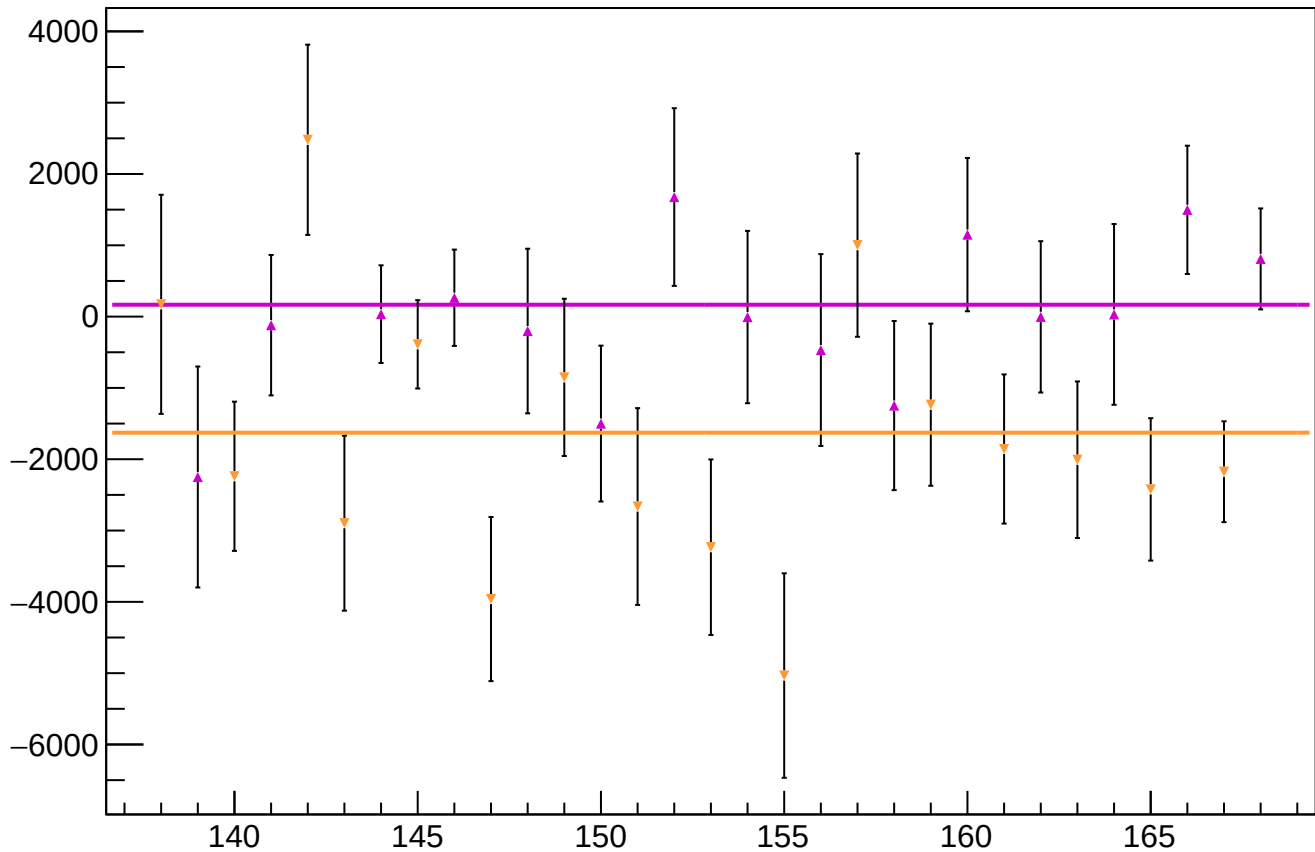
Right Out: 131.007+/-0.038 χ^2/NDF : 1429260.8/18

All: 109.335+/-0.013 χ^2/NDF : 4912650.5/66

Left In: 102.372+/-0.022 χ^2/NDF : 806757.3/14

- sign 109.568+/-0.019 χ^2/NDF : 2670399.0/33

asym_sam3_correction_mean vs Slug



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

Left Out: -1627.784+/-262.185 χ^2/NDF :34.5/15

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

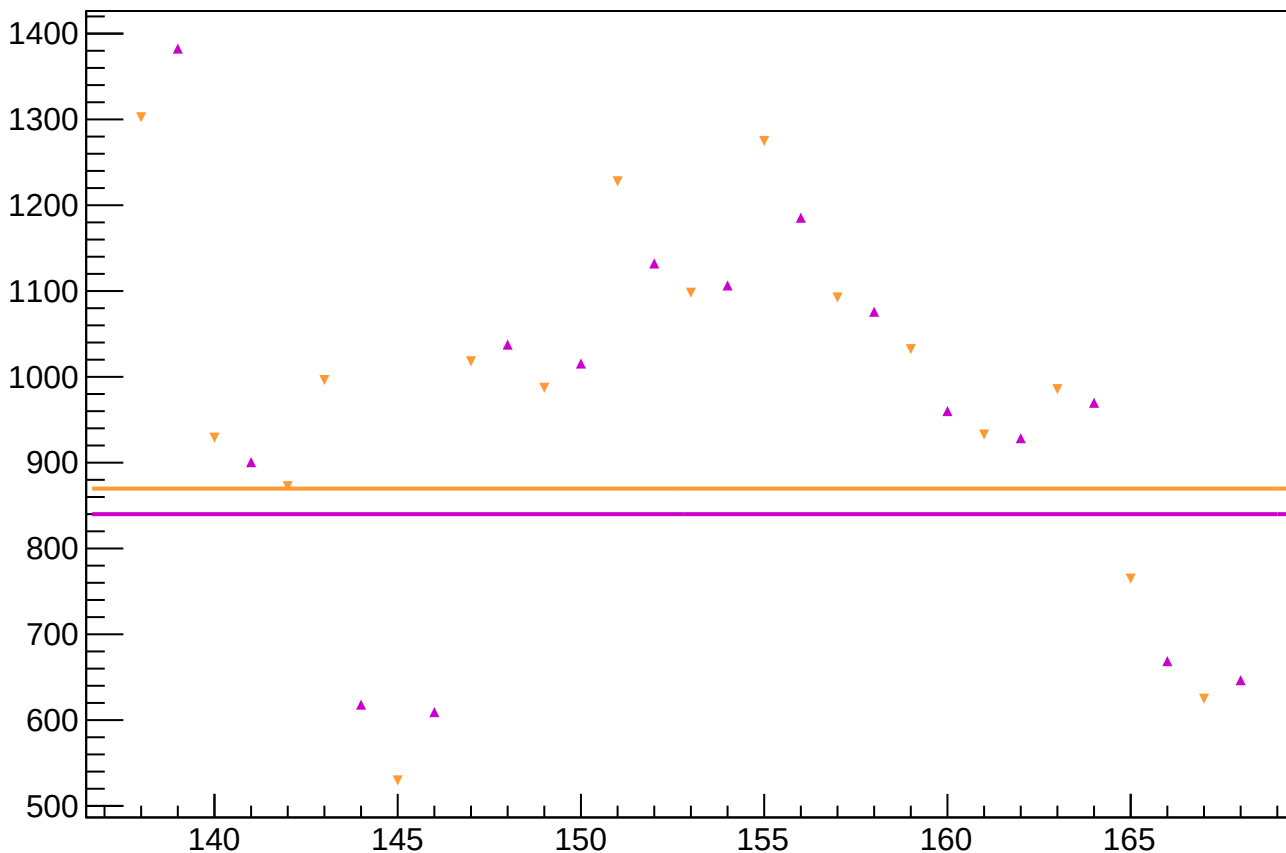
Left In: 166.553+/-253.494 χ^2/NDF :12.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -700.385+/-182.242 χ^2/NDF : 70.7/30

- 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: 869.769+/-0.185 χ^2/NDF :1601281.1/15

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

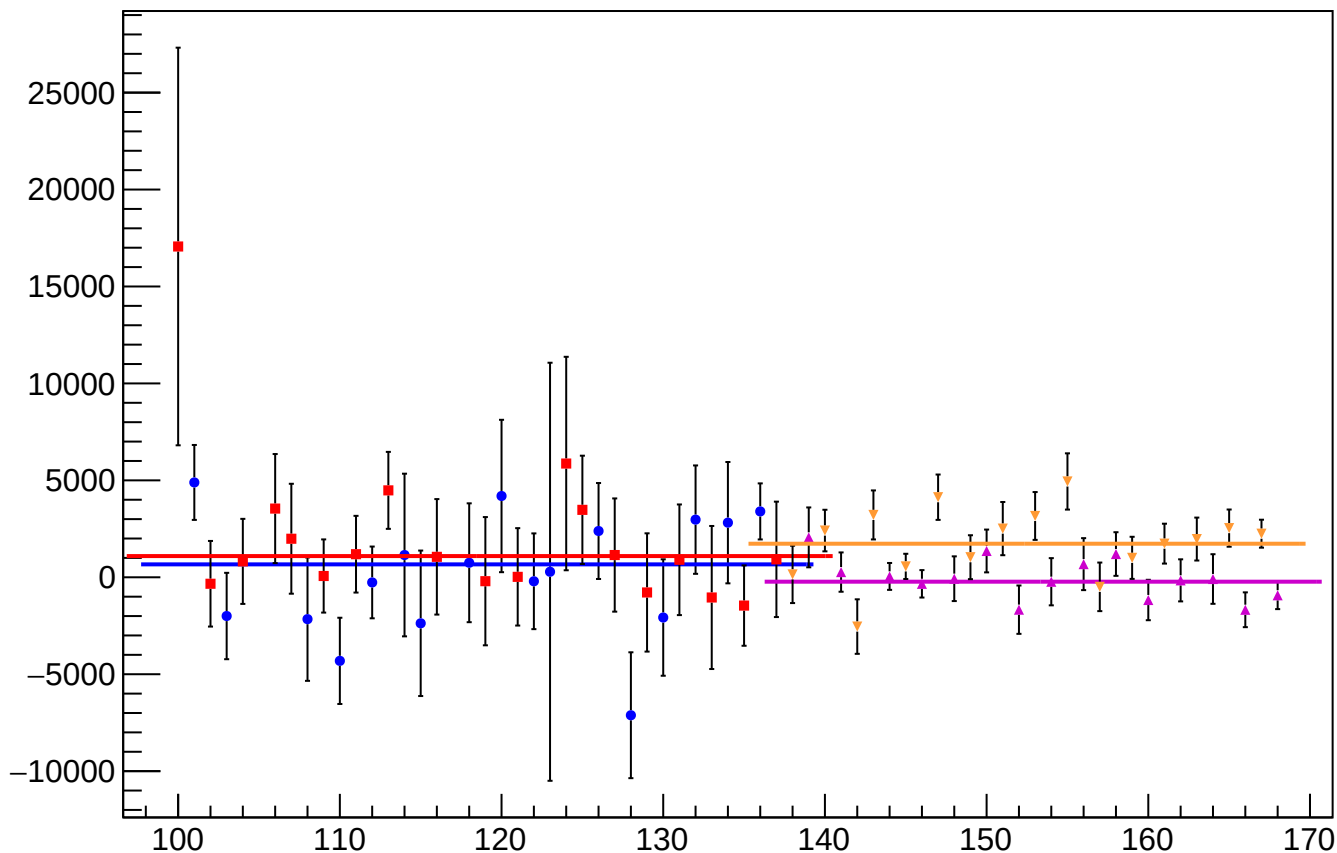
Left In: 839.989+/-0.179 χ^2/NDF :1506662.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 854.377+/-0.129 χ^2/NDF : 3121279.5/30

- 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: 1731.449 ± 264.865 χ^2/NDF : 31.4/15

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

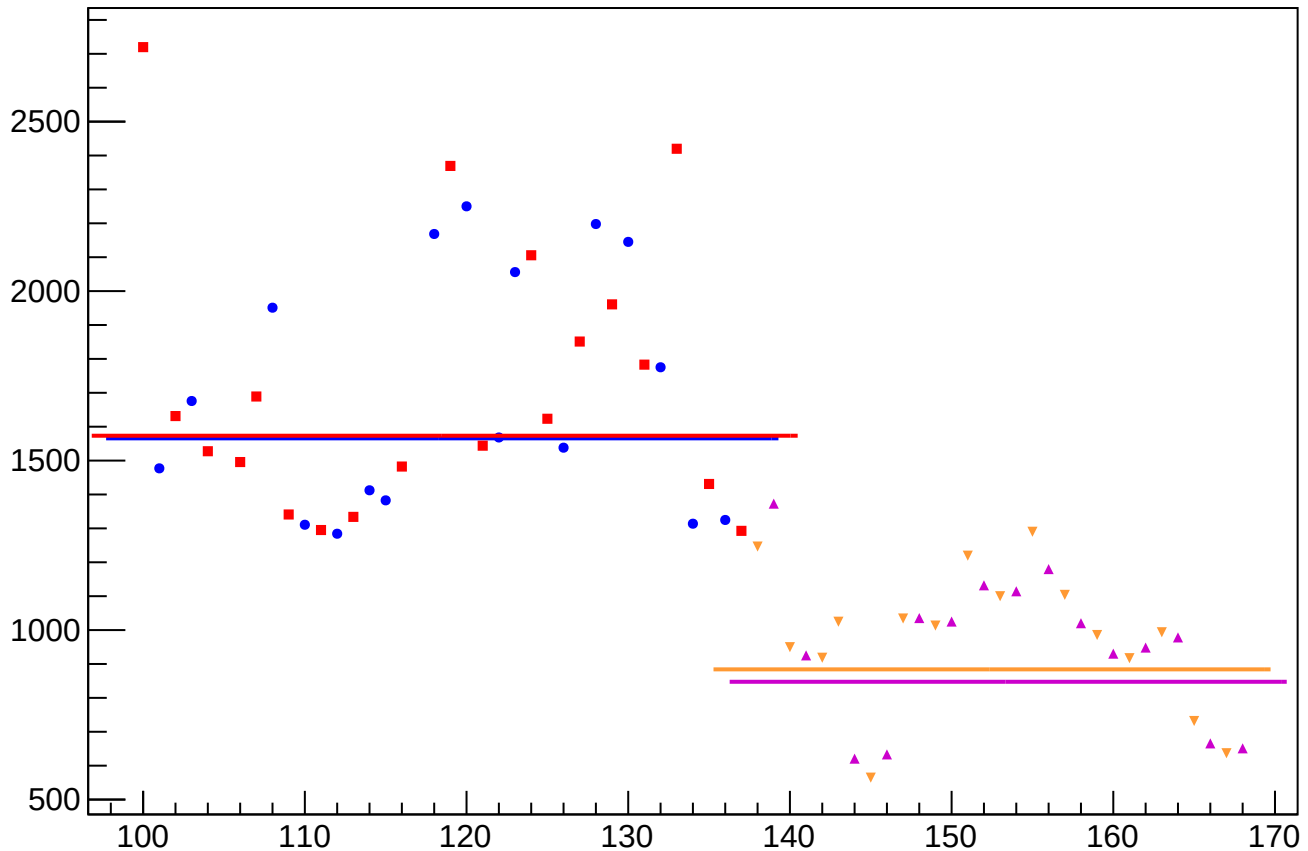
Left In: -226.960 ± 255.719 χ^2/NDF : 12.5/14

+ sign 1566.561 ± 243.500 χ^2/NDF : 59.6/32

All: 743.694 ± 169.245 χ^2/NDF : 109.2/66

- sign -25.360 ± 235.403 χ^2/NDF : 27.6/33

asym_sam3_rms vs Slug



Right In: 1565.623 $\pm$ 0.438 χ^2 /NDF: 490790.2/16

Left Out: 884.099 $\pm$ 0.187 χ^2 /NDF: 1418817.3/15

Right Out: 1573.366 $\pm$ 0.426 χ^2 /NDF: 462040.3/18

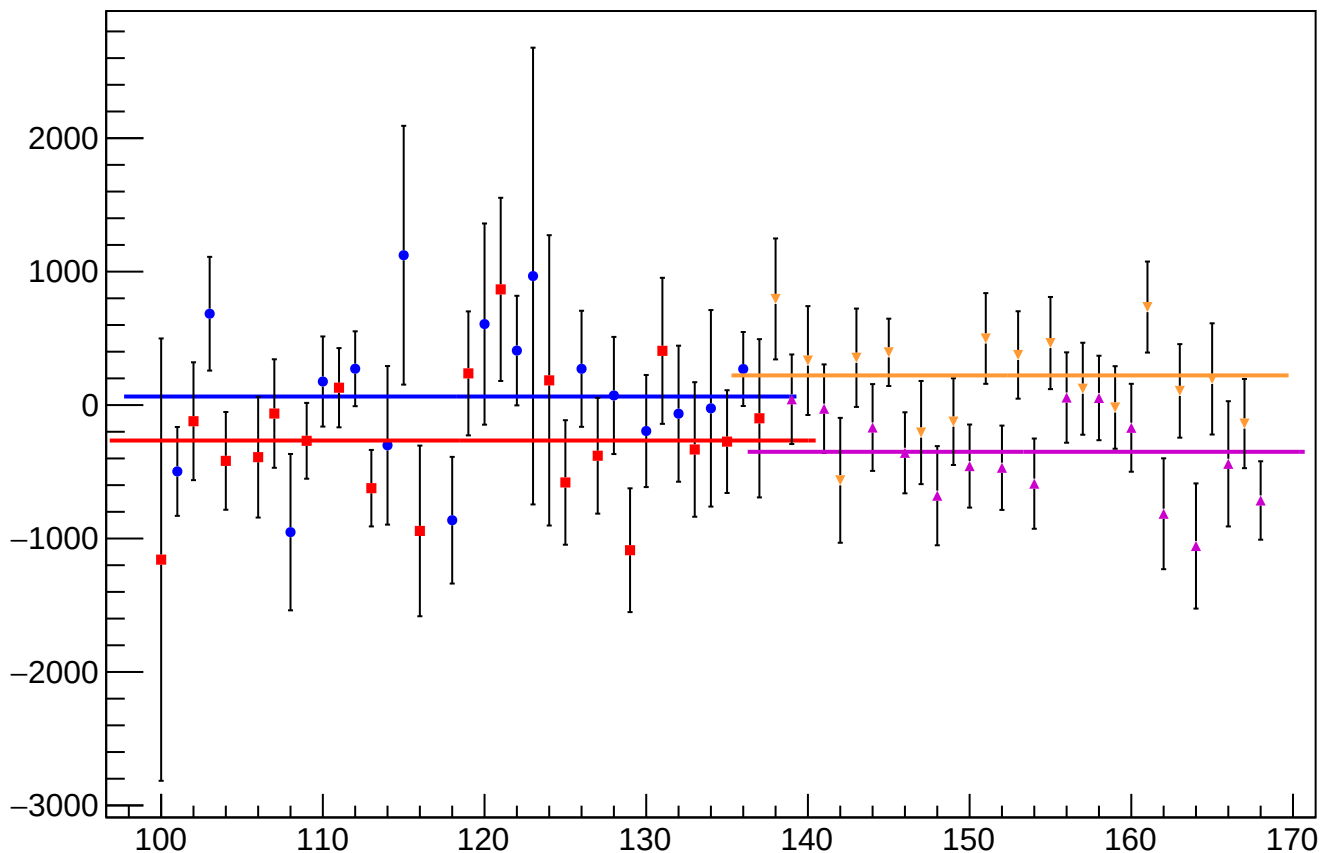
Left In: 847.472 $\pm$ 0.181 χ^2 /NDF: 1400511.3/14

+ sign 989.616 $\pm$ 0.172 χ^2 /NDF: 3959745.4/32

All: 973.393 $\pm$ 0.120 χ^2 /NDF: 8298466.3/66

- sign 958.232 $\pm$ 0.166 χ^2 /NDF: 4321547.3/33

dit_asym_sam4_mean vs Slug



Right In: 64.087 $\pm$ 105.336 χ^2 /NDF: 16.8/16

Left Out: 222.265 $\pm$ 87.246 χ^2 /NDF:13.1/15

Right Out: -265.661 $\pm$ 99.379 χ^2 /NDF: 14.7/18

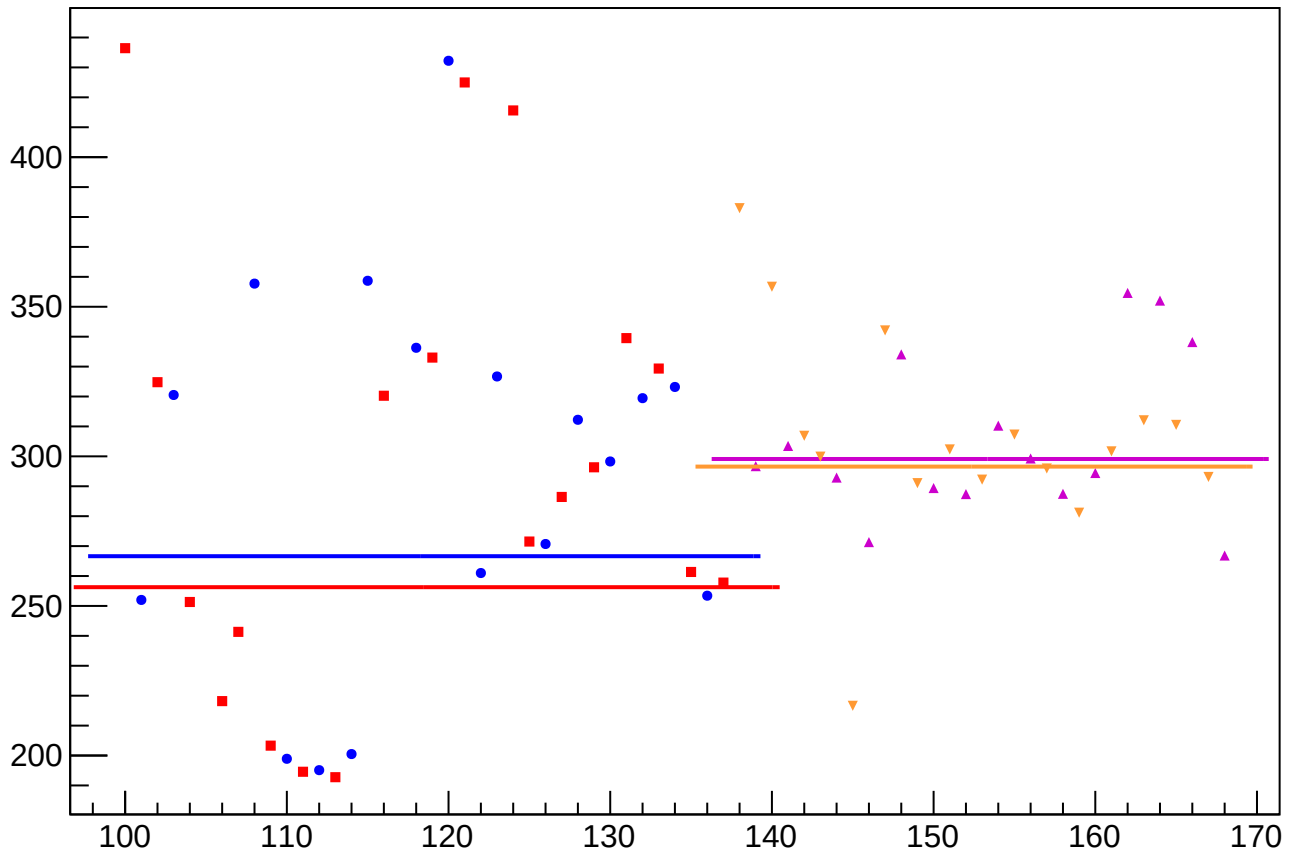
Left In: -350.254 $\pm$ 88.065 χ^2 /NDF:12.6/14

+ sign 157.905 $\pm$ 67.191 χ^2 /NDF: 31.1/32

All: -82.104 $\pm$ 47.052 χ^2 /NDF: 83.9/66

- sign -313.045 $\pm$ 65.910 χ^2 /NDF: 27.7/33

dit_asym_sam4_rms vs Slug



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 296.575 $\pm$ 0.062 χ^2 /NDF: 361131.6/15

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

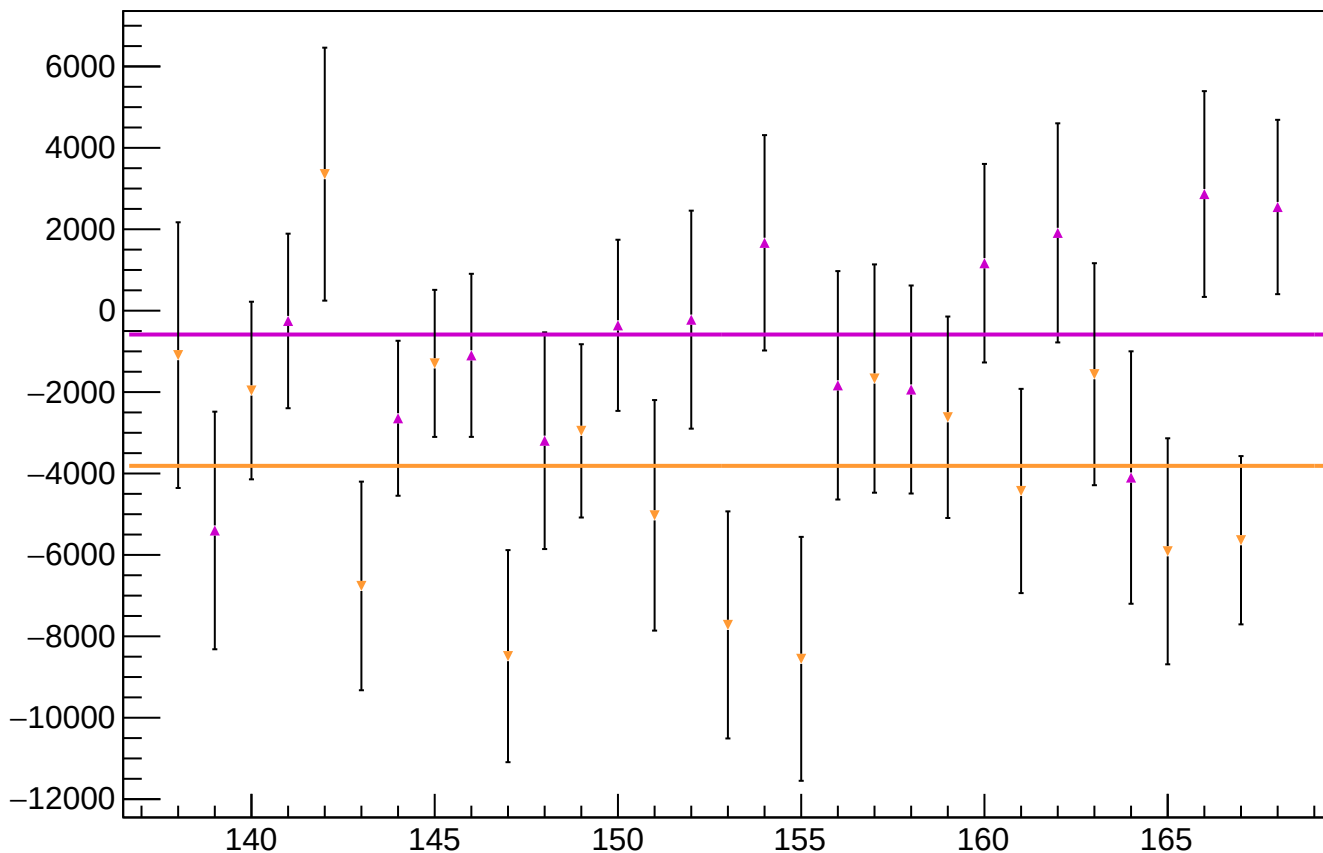
Left In: 299.117 $\pm$ 0.062 χ^2 /NDF: 144773.5/14

+ sign 284.389 $\pm$ 0.048 χ^2 /NDF: 1007785.0/32

All: 282.289 $\pm$ 0.033 χ^2 /NDF: 2061546.7/66

- sign 280.270 $\pm$ 0.047 χ^2 /NDF: 1049931.7/33

asym_sam4_correction_mean vs Slug



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

Left Out: -3812.139+/-626.637 χ^2/NDF :20.9/15

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

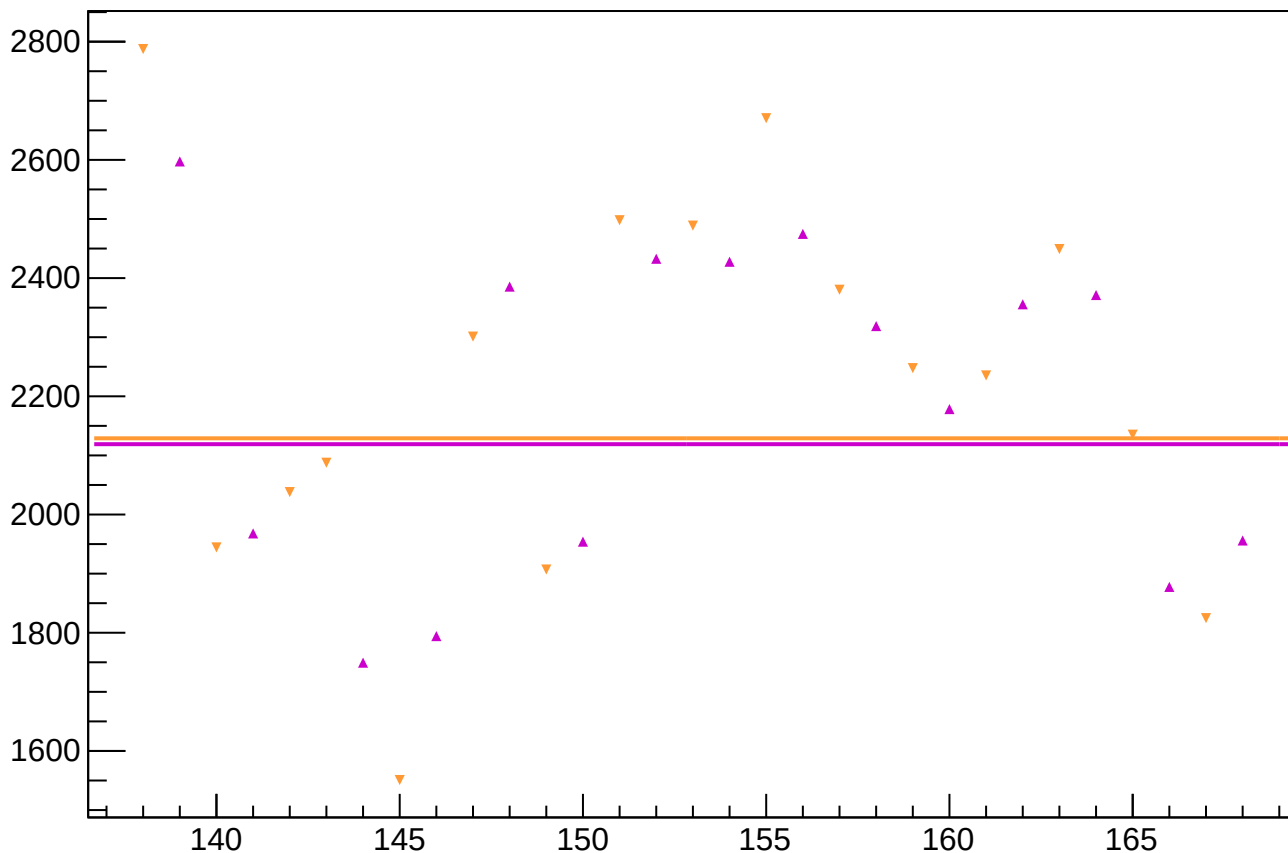
Left In: -585.839+/-623.205 χ^2/NDF :12.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2190.129+/-441.881 χ^2/NDF : 47.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_correction_rms vs Slug



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

Left Out: 2128.941+/-0.443 χ^2/NDF : 561146.7/15

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

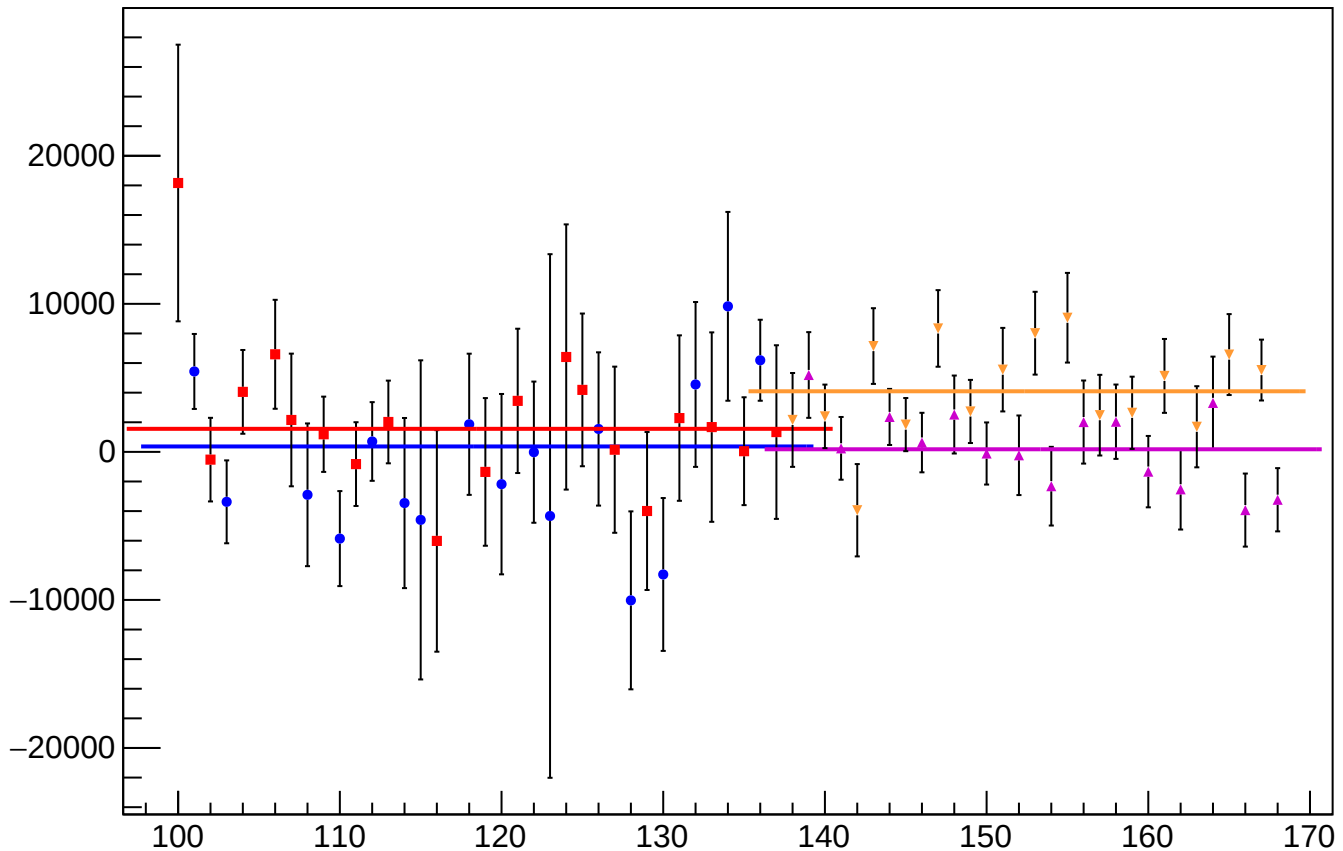
Left In: 2119.006+/-0.441 χ^2/NDF : 382766.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2123.946+/-0.312 χ^2/NDF : 944166.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_mean vs Slug



Right In: 366.454 ± 992.480 χ^2/NDF : 24.2/16

Left Out: 4093.588 ± 622.414 χ^2/NDF : 21.6/15

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

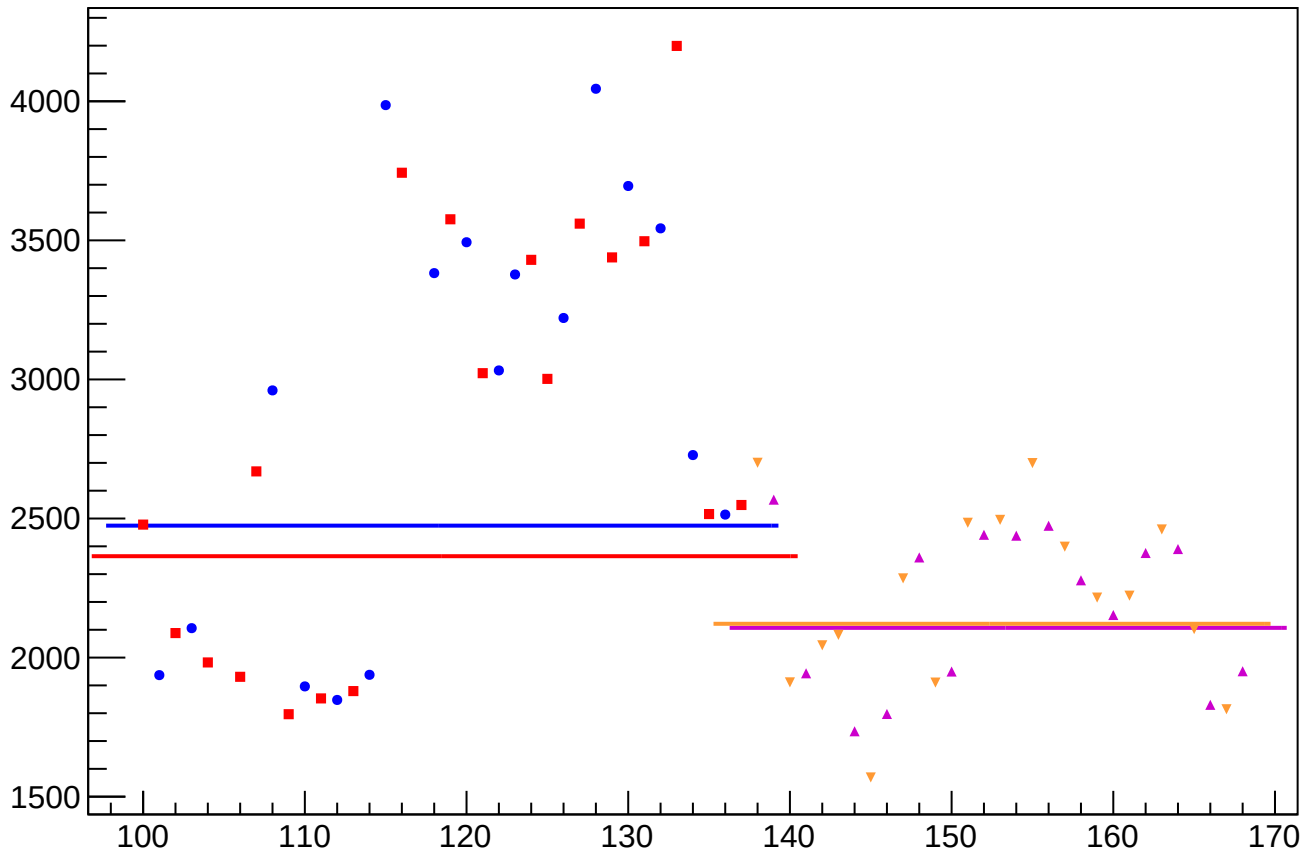
Left In: 176.135 ± 620.332 χ^2/NDF : 14.8/14

+ sign 3041.510 ± 527.301 χ^2/NDF : 55.9/32

All: 1794.715 ± 368.443 χ^2/NDF : 93.7/66

- sign 605.269 ± 515.031 χ^2/NDF : 26.9/33

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2121.512+/-0.440 χ^2/NDF : 548652.7/15

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

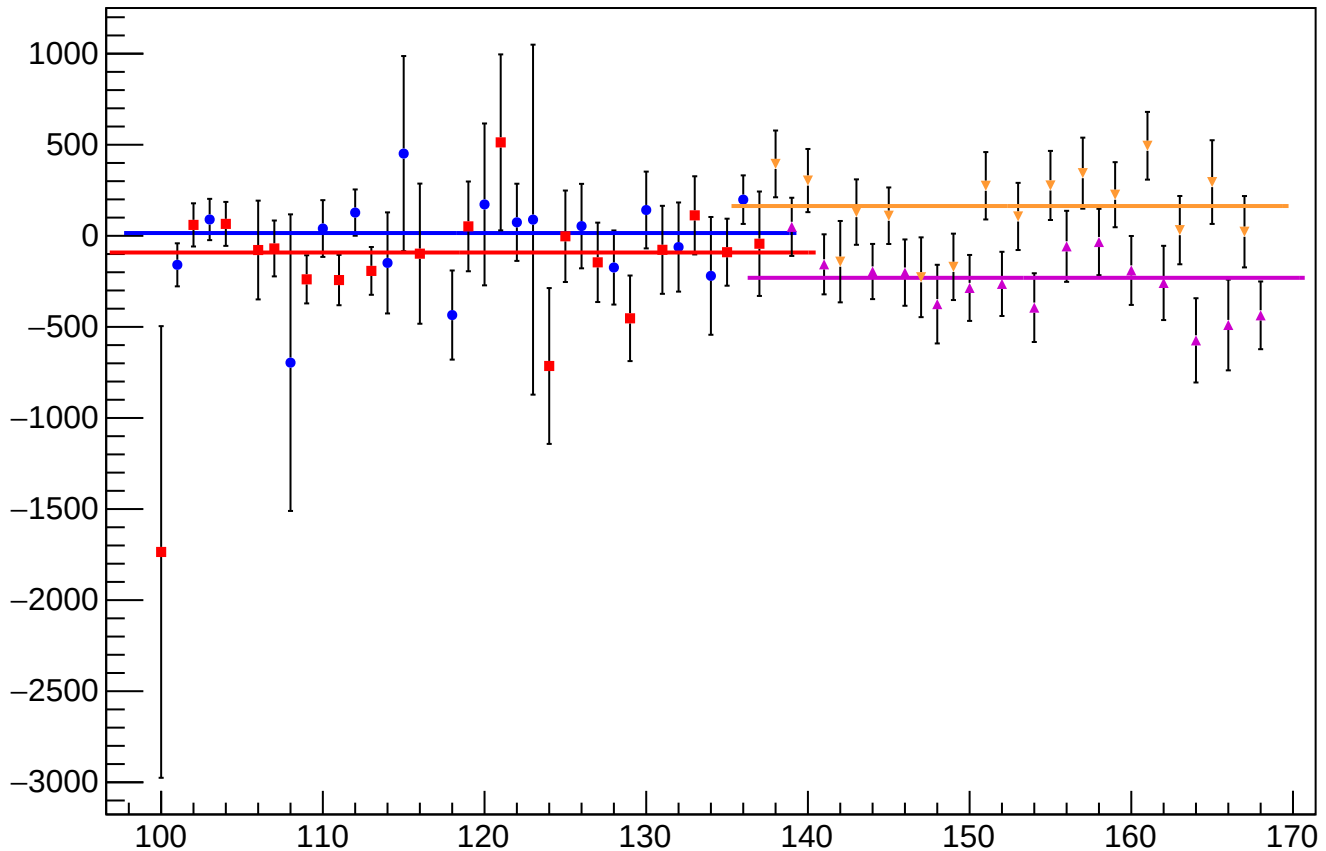
Left In: 2106.909+/-0.439 χ^2/NDF : 395006.8/14

+ sign 2221.121+/-0.373 χ^2/NDF : 1636378.3/32

All: 2203.628+/-0.261 χ^2/NDF : 3166237.4/66

- sign 2186.941+/-0.364 χ^2/NDF : 1525558.5/33

dit_asym_sam5_mean vs Slug



Right In: 15.303 ± 46.443 χ^2/NDF : 12.6/16

Left Out: 163.551 ± 46.983 χ^2/NDF : 17.1/15

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

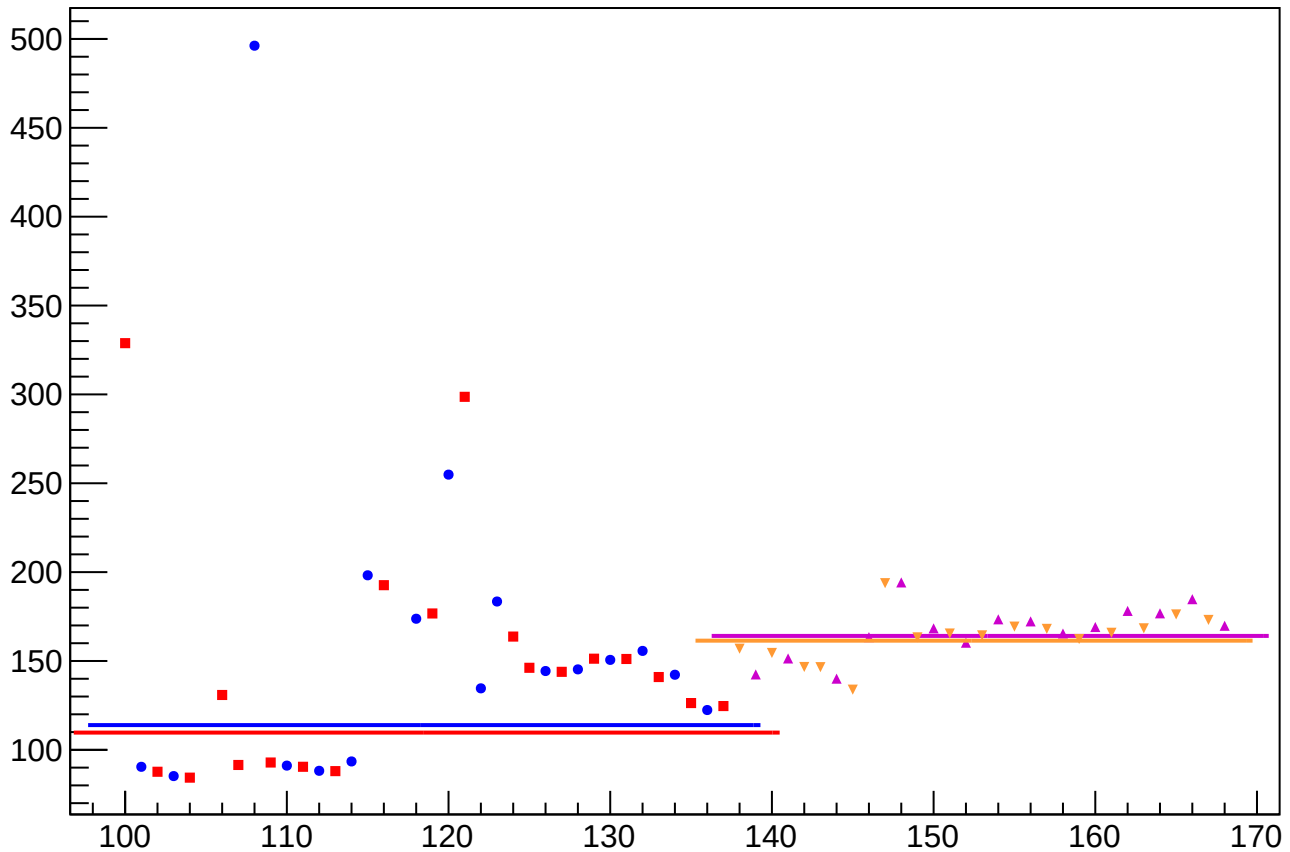
Left In: -230.578 ± 47.991 χ^2/NDF : 11.2/14

+ sign 88.571 ± 33.029 χ^2/NDF : 34.7/32

All: -35.972 ± 23.040 χ^2/NDF : 93.9/66

- sign -154.015 ± 32.156 χ^2/NDF : 31.5/33

dit_asym_sam5_rms vs Slug



Right In: 113.932 ± 0.033 χ^2/NDF : 1407849.3/16

Left Out: 161.439 ± 0.033 χ^2/NDF : 160448.9/15

Right Out: 109.709 ± 0.031 χ^2/NDF : 1242014.6/18

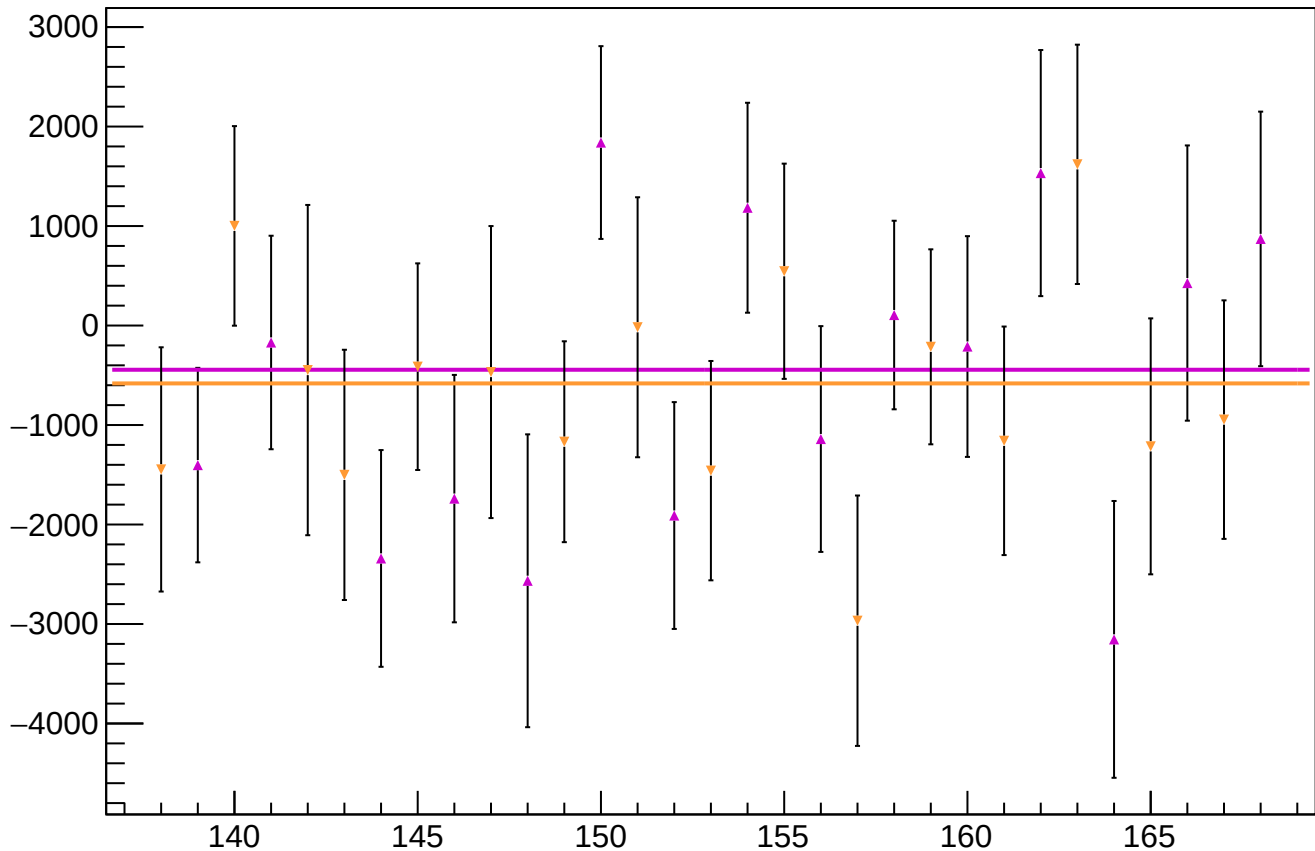
Left In: 164.109 ± 0.034 χ^2/NDF : 181155.3/14

+ sign 137.411 ± 0.023 χ^2/NDF : 2602548.4/32

All: 135.728 ± 0.016 χ^2/NDF : 5451929.0/66

- sign 134.133 ± 0.023 χ^2/NDF : 2839265.7/33

asym_sam5_correction_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -581.772 ± 292.209 χ^2/NDF : 13.5/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

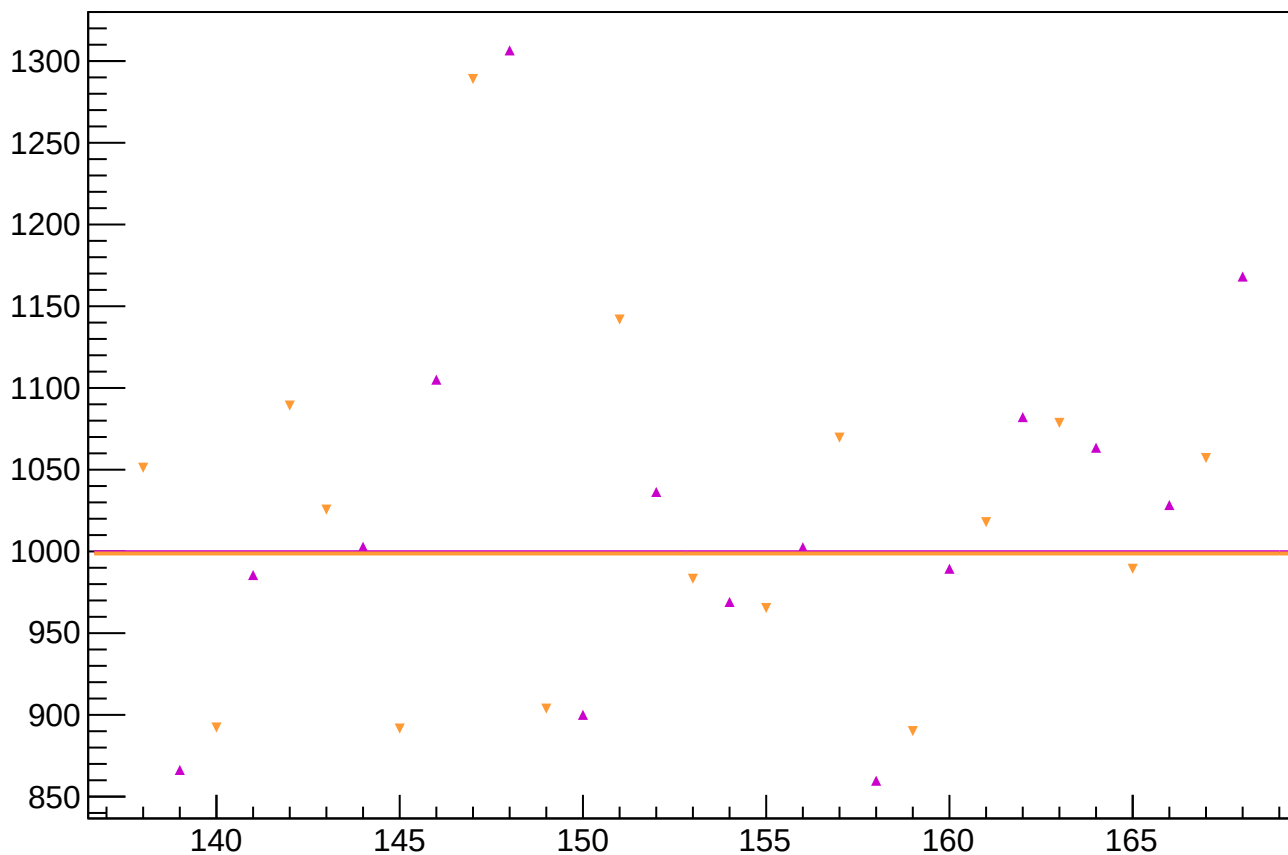
Left In: -444.457 ± 293.527 χ^2/NDF : 25.4/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -513.424 ± 207.087 χ^2/NDF : 39.0/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam5_correction_rms vs Slug



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

Left Out: 998.741+/-0.207 χ^2/NDF :221708.0/15

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

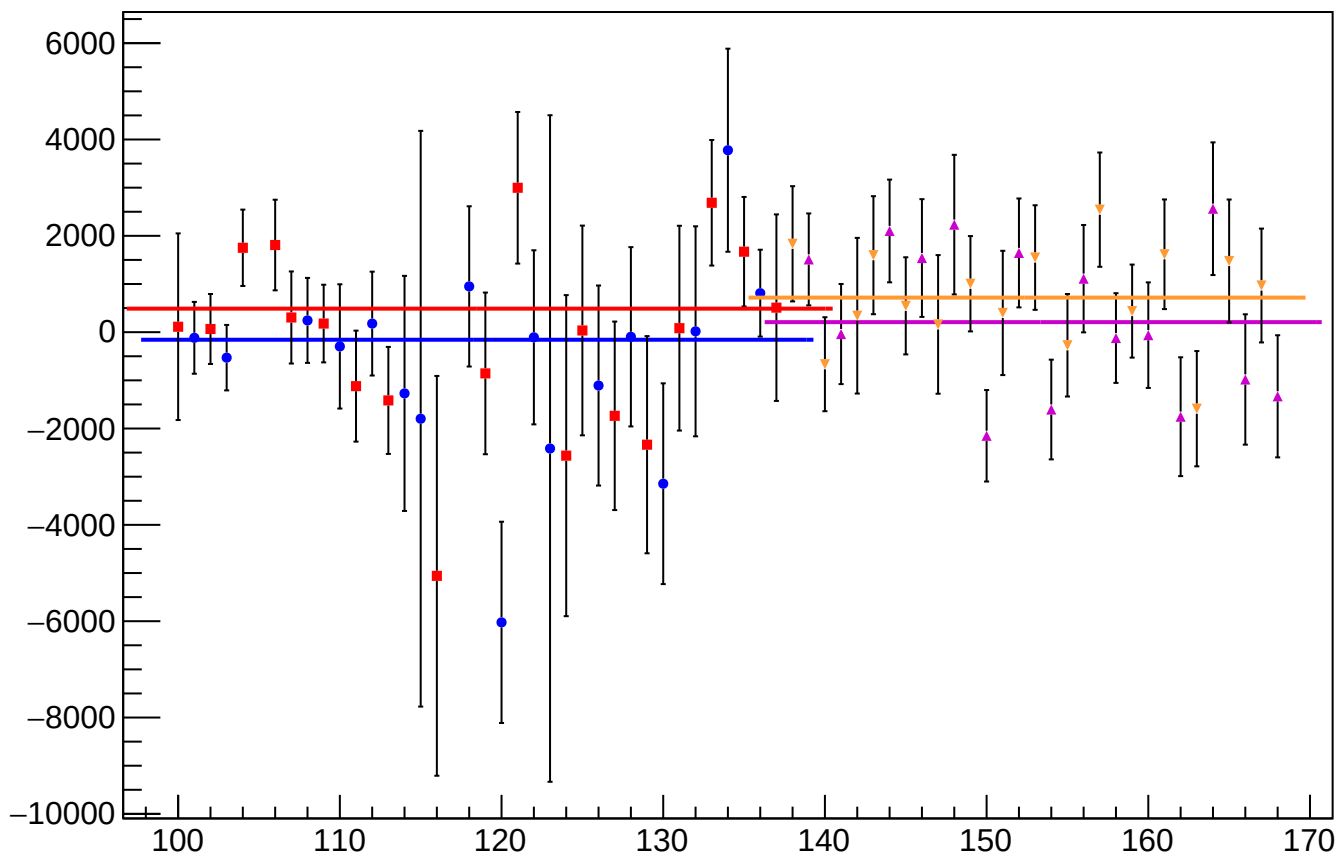
Left In: 999.523+/-0.208 χ^2/NDF :256279.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.130+/-0.146 χ^2/NDF : 477994.9/30

- 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: 717.243 ± 286.259 χ^2/NDF : 12.4/15

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

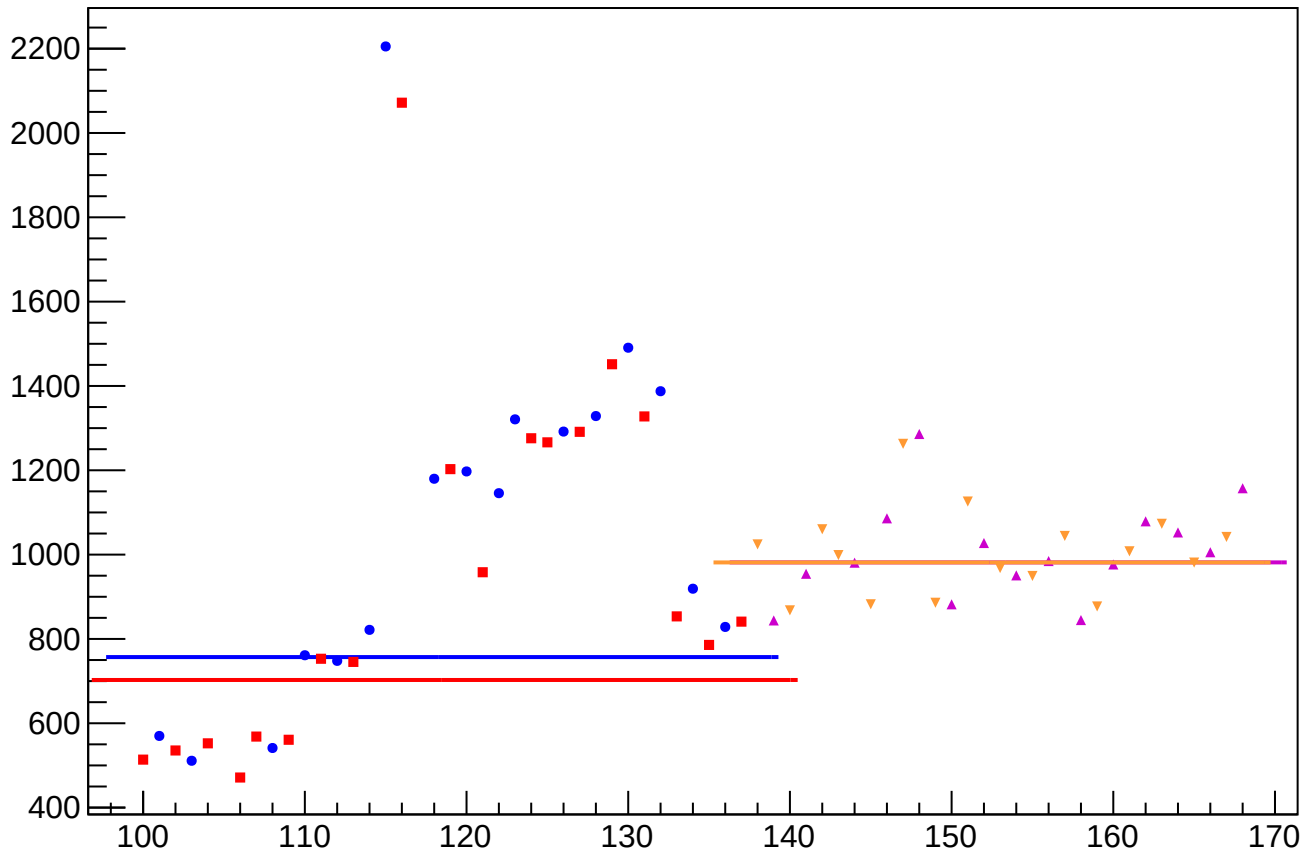
Left In: 208.349 ± 288.454 χ^2/NDF : 27.6/14

+ sign 318.281 ± 211.084 χ^2/NDF : 32.9/32

All: 335.502 ± 145.913 χ^2/NDF : 83.7/66

- sign 351.260 ± 201.924 χ^2/NDF : 50.7/33

asym_sam5_rms vs Slug



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 981.459 $\pm$ 0.202 χ^2 /NDF: 223578.5/15

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

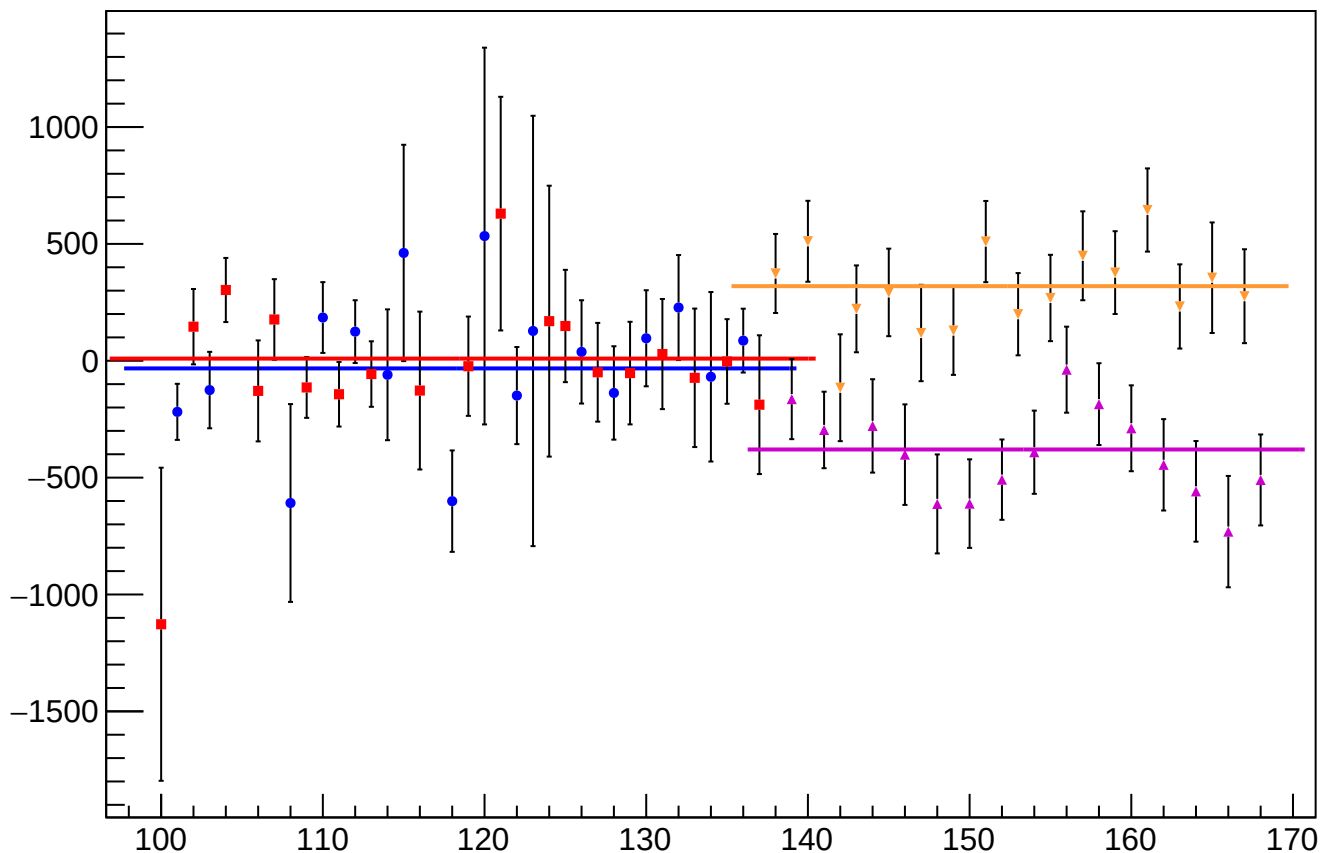
Left In: 981.563 $\pm$ 0.204 χ^2 /NDF: 273037.5/14

+ sign 879.041 $\pm$ 0.149 χ^2 /NDF: 2495987.3/32

All: 858.305 $\pm$ 0.103 χ^2 /NDF: 5449112.1/66

- sign 839.329 $\pm$ 0.143 χ^2 /NDF: 2916160.9/33

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 $\chi^2/\text{NDF}: 19.7/16$

Left Out: 319.219 ± 46.854 $\chi^2/\text{NDF}: 13.2/15$

Right Out: 9.277 ± 45.600 $\chi^2/\text{NDF}: 14.7/18$

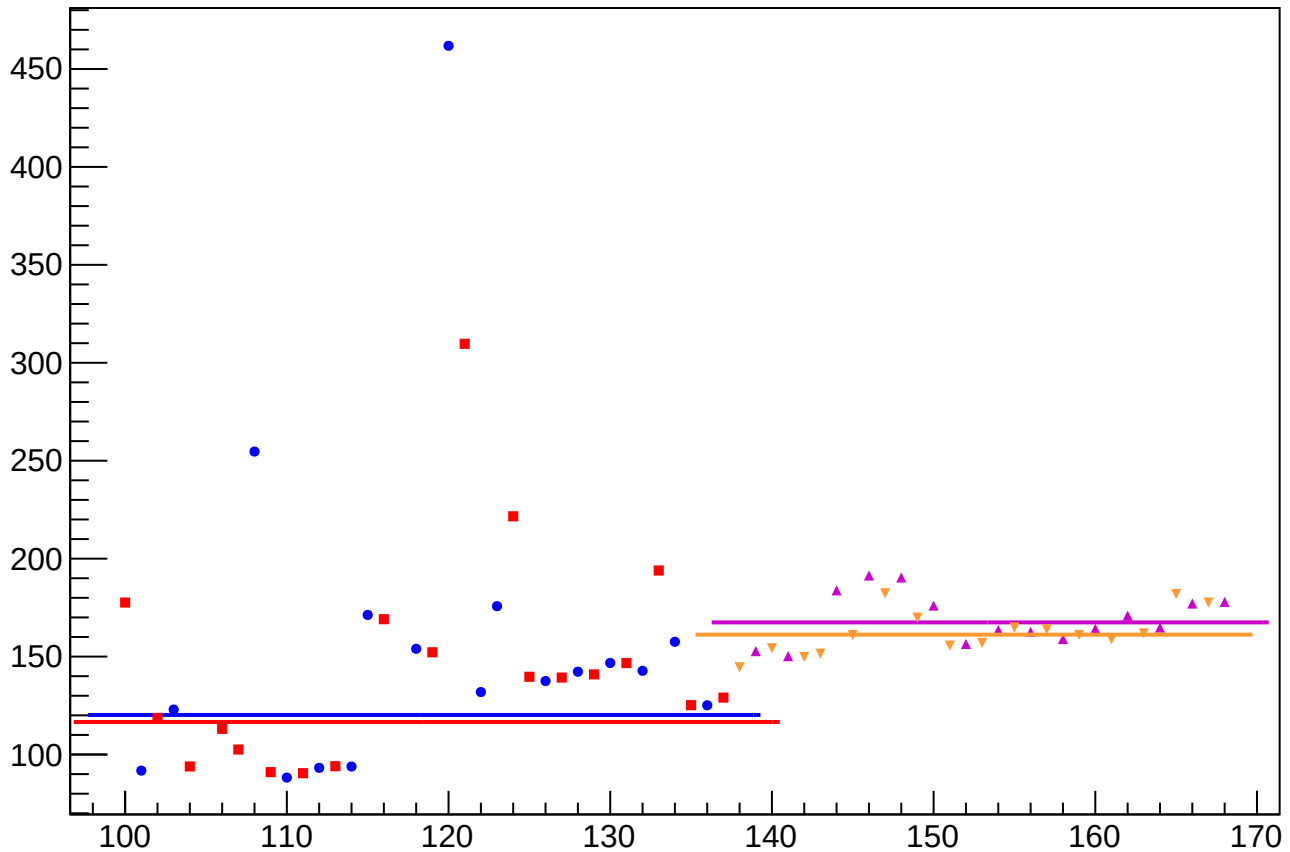
Left In: -379.553 ± 48.958 $\chi^2/\text{NDF}: 13.7/14$

+ sign 149.087 ± 33.674 $\chi^2/\text{NDF}: 60.2/32$

All: -12.595 ± 23.702 $\chi^2/\text{NDF}: 168.1/66$

- sign -171.347 ± 33.368 $\chi^2/\text{NDF}: 62.2/33$

dit_asym_sam6_rms vs Slug



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 161.193 $\pm$ 0.033 χ^2 /NDF: 91668.8/15

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

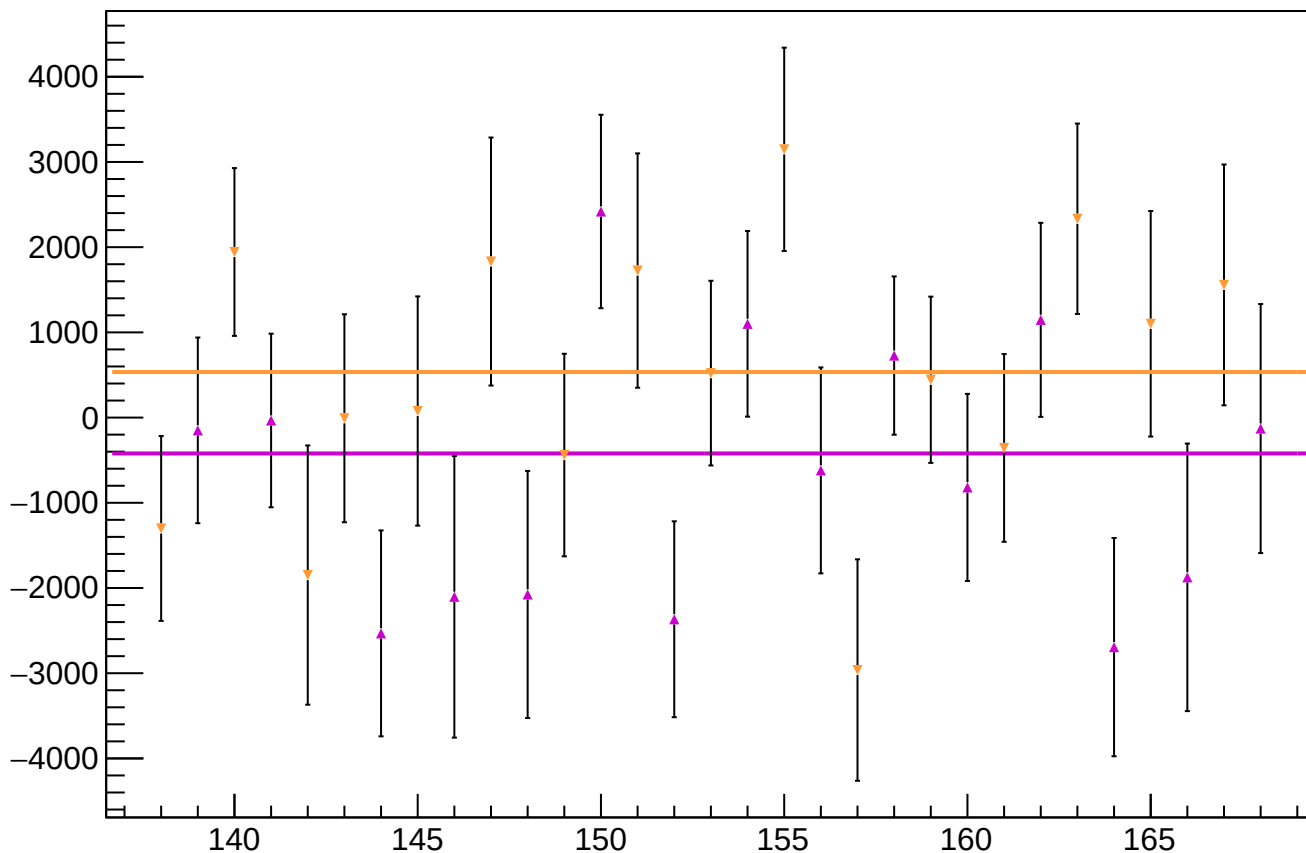
Left In: 167.463 $\pm$ 0.035 χ^2 /NDF: 128420.8/14

+ sign 141.378 $\pm$ 0.024 χ^2 /NDF: 1893895.9/32

All: 140.803 $\pm$ 0.017 χ^2 /NDF: 4176546.9/66

- sign 140.237 $\pm$ 0.024 χ^2 /NDF: 2281492.4/33

asym_sam6_correction_mean vs Slug



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

Left Out: 534.505+/-299.615 χ^2/NDF : 25.9/15

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

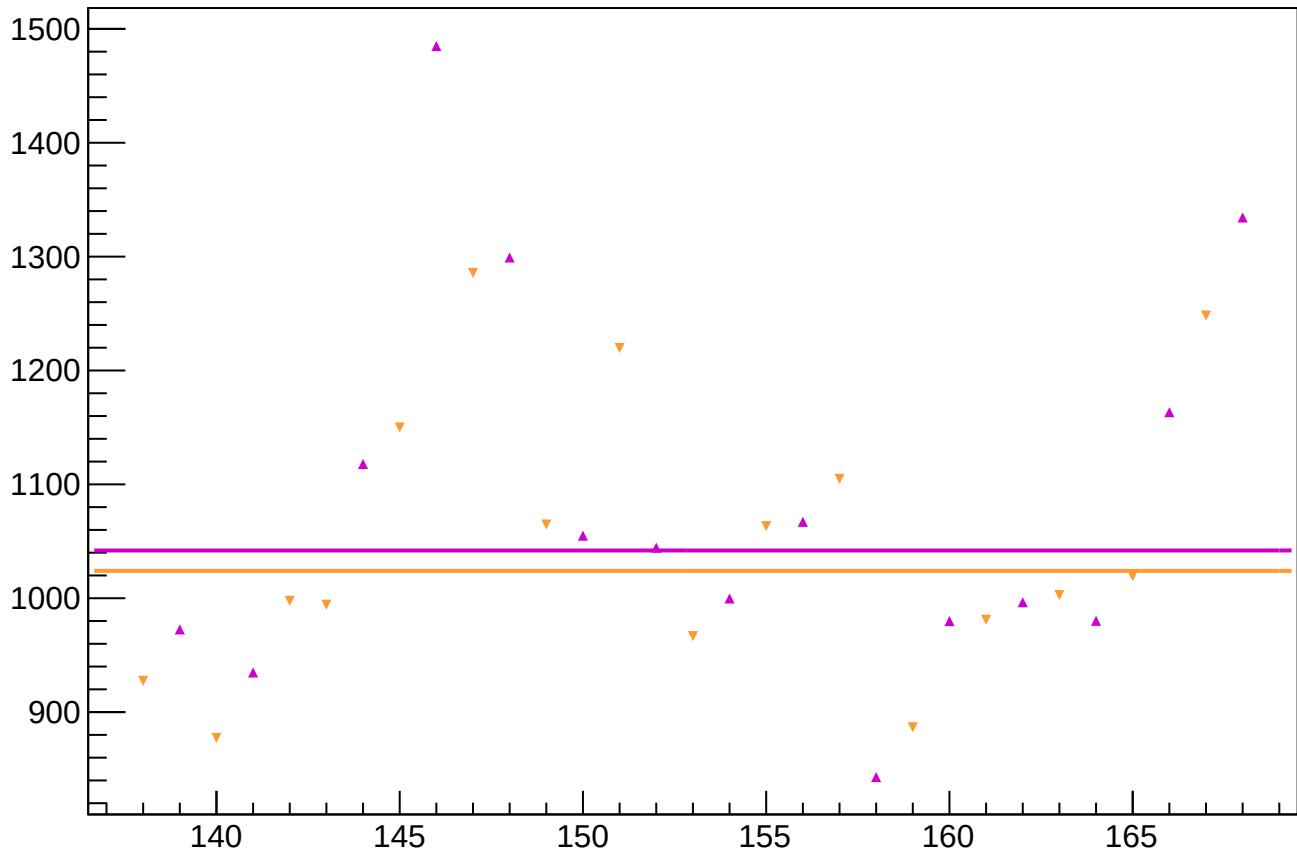
Left In: -420.877+/-306.617 χ^2/NDF : 24.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.848+/-214.293 χ^2/NDF : 55.2/30

- 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: 1024.047+/-0.212 χ^2/NDF :296357.2/15

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

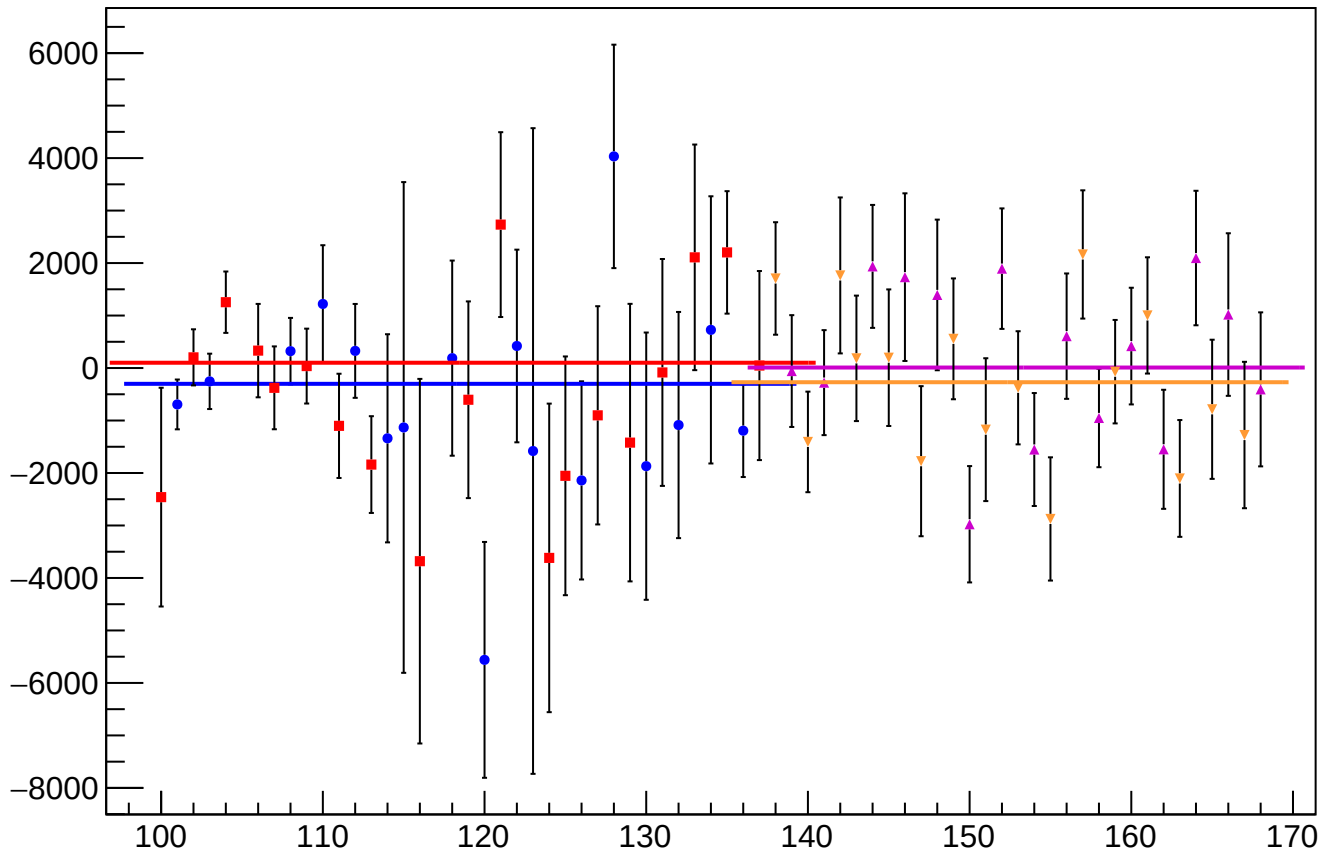
Left In: 1041.952+/-0.217 χ^2/NDF :446984.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.793+/-0.152 χ^2/NDF : 746830.3/30

- 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: -270.399 ± 295.165 $\chi^2/\text{NDF}: 22.7/15$

Right Out: 100.857 ± 245.981 $\chi^2/\text{NDF}: 22.5/18$

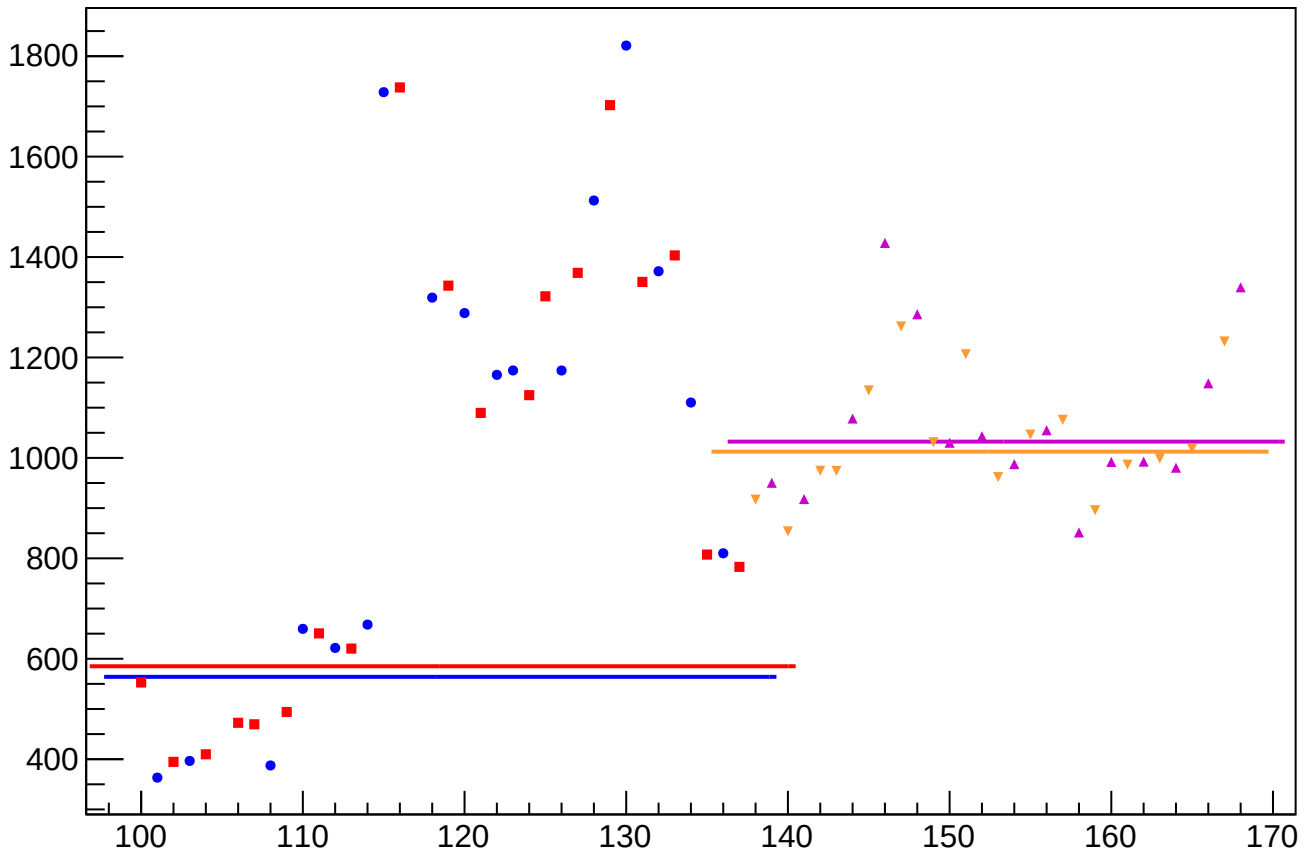
Left In: 9.454 ± 303.758 $\chi^2/\text{NDF}: 23.4/14$

+ sign -288.215 ± 190.787 $\chi^2/\text{NDF}: 39.5/32$

All: -112.125 ± 135.039 $\chi^2/\text{NDF}: 87.2/66$

- sign 64.657 ± 191.162 $\chi^2/\text{NDF}: 46.0/33$

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1012.442 $\pm$ 0.209 χ^2 /NDF: 284032.5/15

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

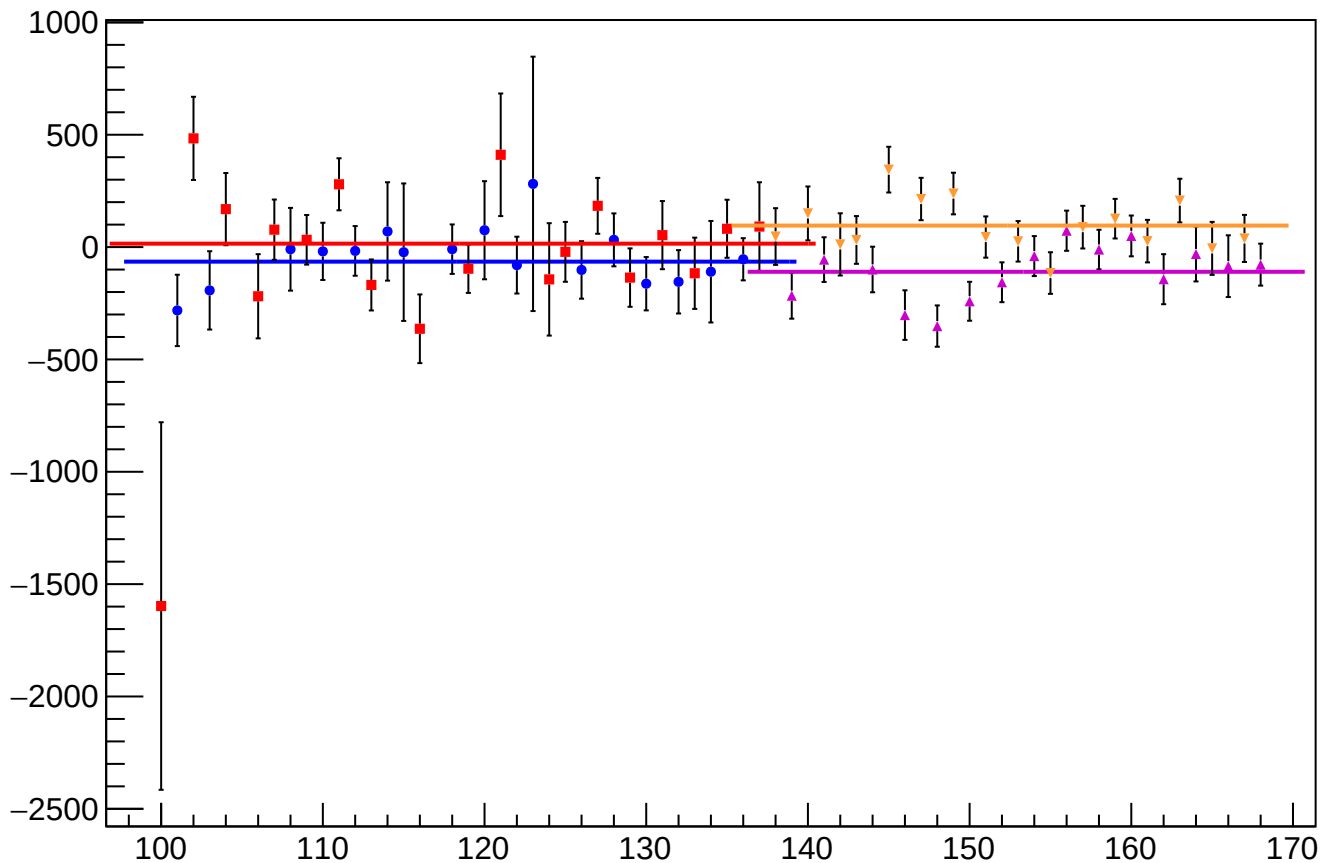
Left In: 1032.385 $\pm$ 0.215 χ^2 /NDF: 412409.3/14

+ sign 751.362 $\pm$ 0.135 χ^2 /NDF: 6233208.7/32

All: 756.785 $\pm$ 0.095 χ^2 /NDF: 12089116.0/60

- sign 762.229 $\pm$ 0.135 χ^2 /NDF: 5852669.2/33

dit_asym_sam7_mean vs Slug



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 95.740 ± 25.181 χ^2/NDF : 20.1/15

Right Out: 15.294 ± 33.422 χ^2/NDF : 35.0/18

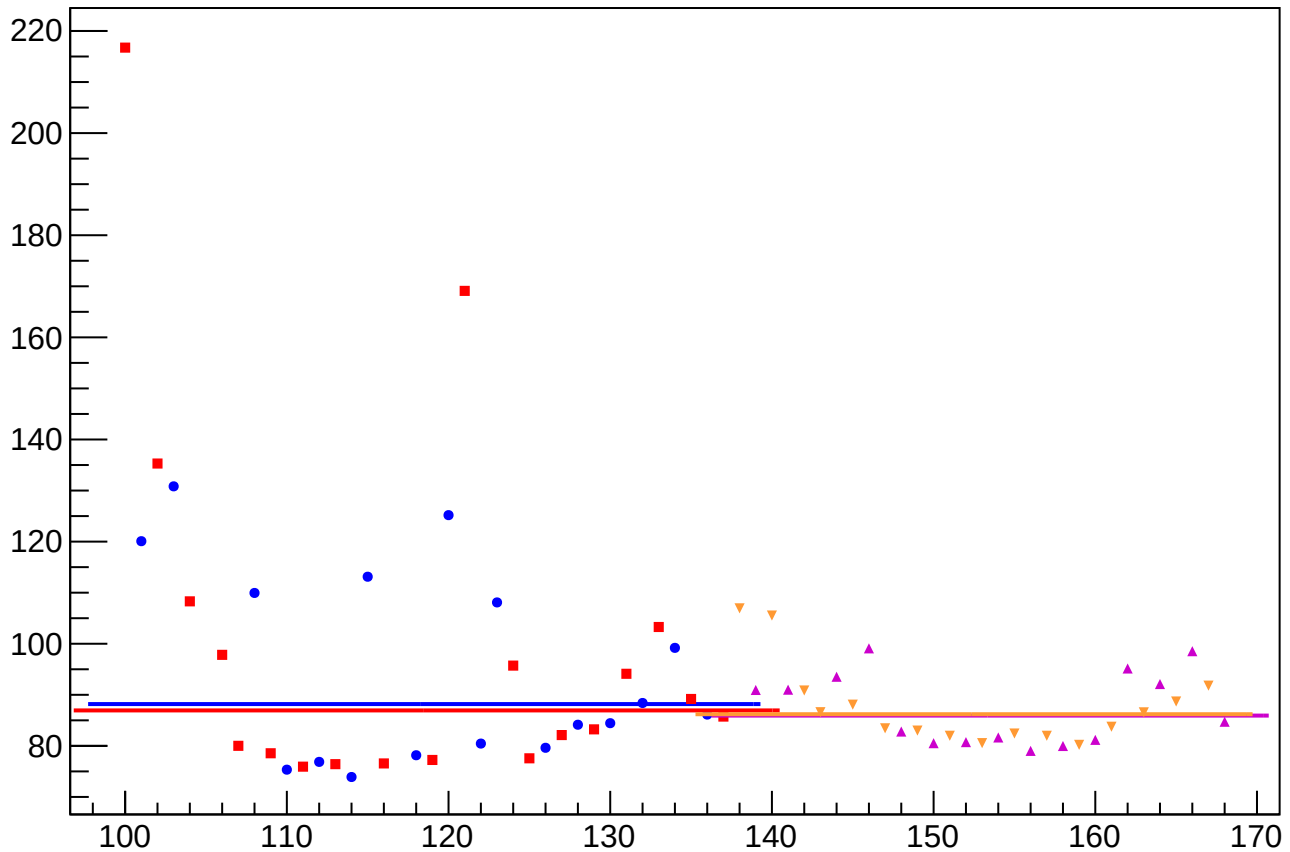
Left In: -109.943 ± 25.225 χ^2/NDF : 23.7/14

+ sign 40.214 ± 20.366 χ^2/NDF : 40.4/32

All: -12.739 ± 14.318 χ^2/NDF : 121.4/66

- sign -64.493 ± 20.134 χ^2/NDF : 67.6/33

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2 /NDF: 394447.7/16

Left Out: 86.199+/-0.018 χ^2 /NDF: 149658.0/15

Right Out: 86.943+/-0.024 χ^2 /NDF: 531359.9/18

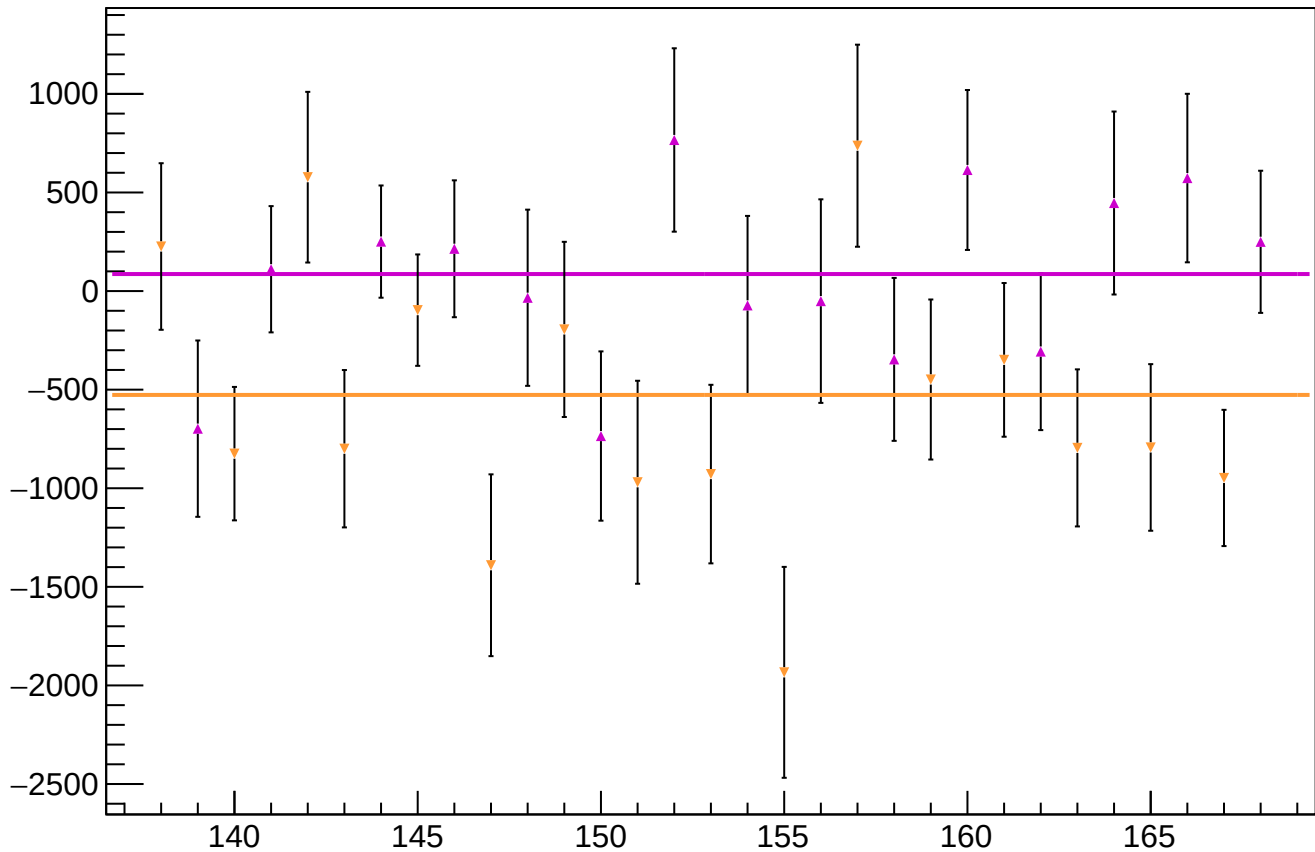
Left In: 85.931+/-0.018 χ^2 /NDF: 133931.5/14

+ sign 86.886+/-0.014 χ^2 /NDF: 548413.4/32

All: 86.589+/-0.010 χ^2 /NDF: 1215715.0/66

- sign 86.298+/-0.014 χ^2 /NDF: 666458.7/33

asym_sam7_correction_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -526.689 ± 101.455 χ^2/NDF : 34.4/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

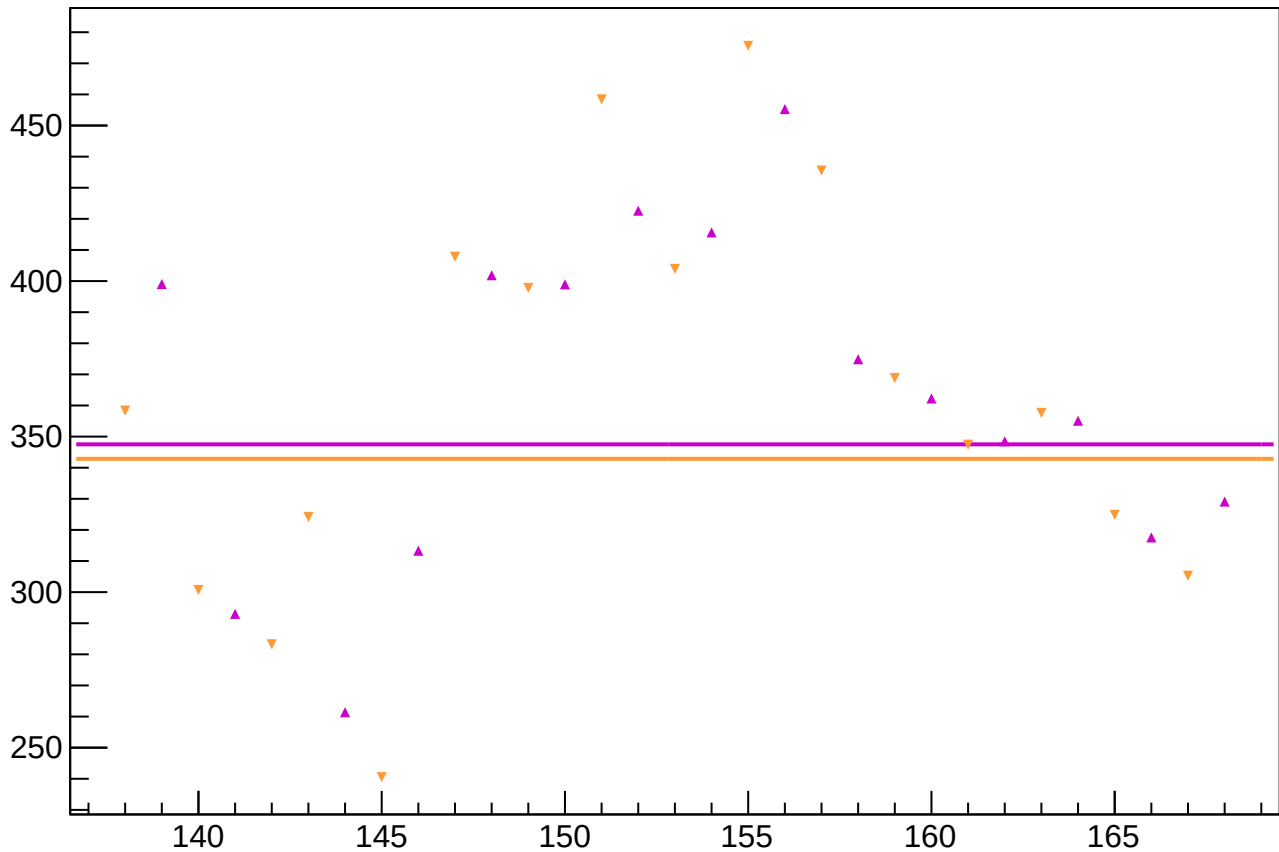
Left In: 86.354 ± 102.529 χ^2/NDF : 15.5/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -223.396 ± 72.116 χ^2/NDF : 68.0/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug



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

Left Out: 342.858+/-0.072 χ^2/NDF : 773142.4/15

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

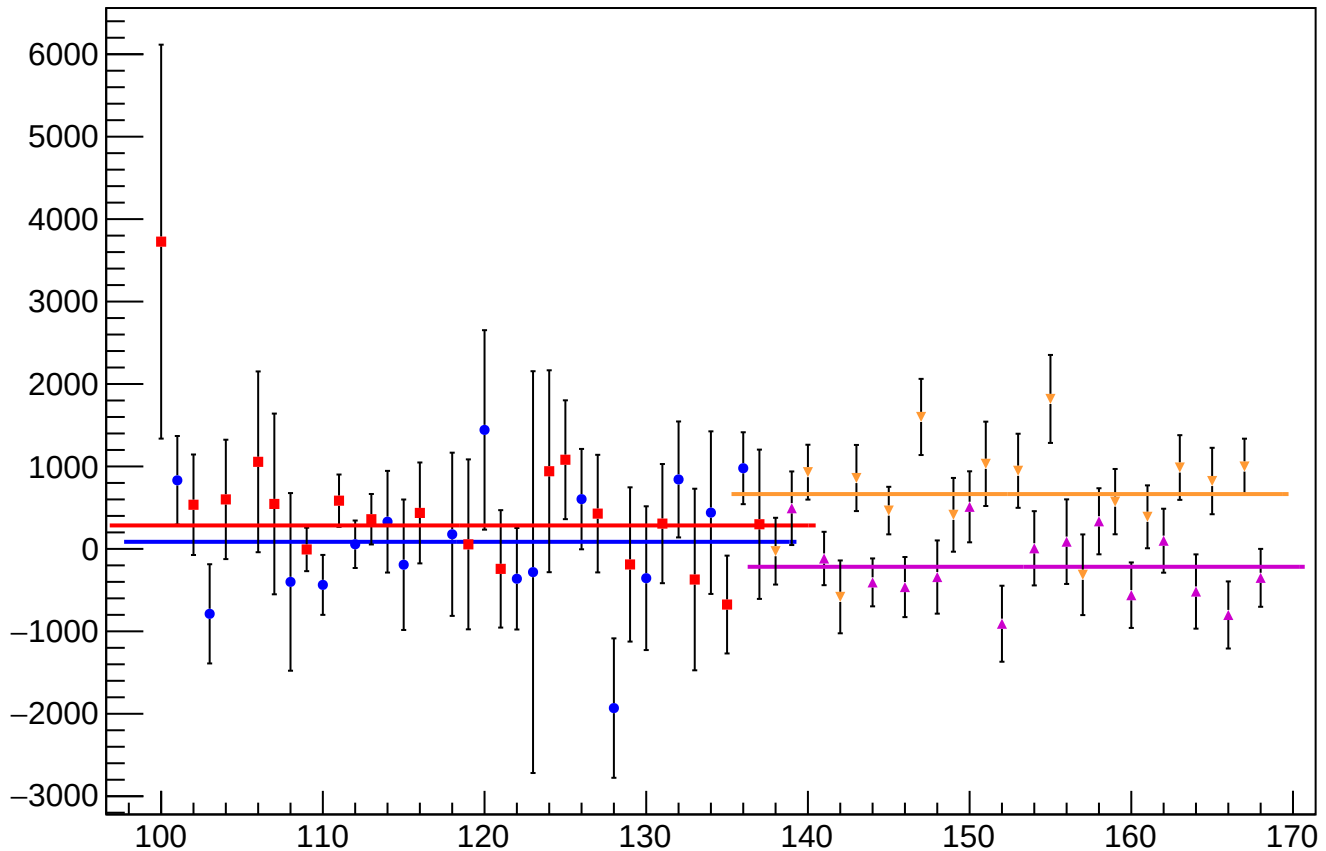
Left In: 347.510+/-0.072 χ^2/NDF : 556800.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.160+/-0.051 χ^2/NDF : 1332023.3/30

- 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: 664.960 ± 100.348 χ^2/NDF : 28.6/15

Right Out: 284.456 ± 129.599 χ^2/NDF : 10.6/18

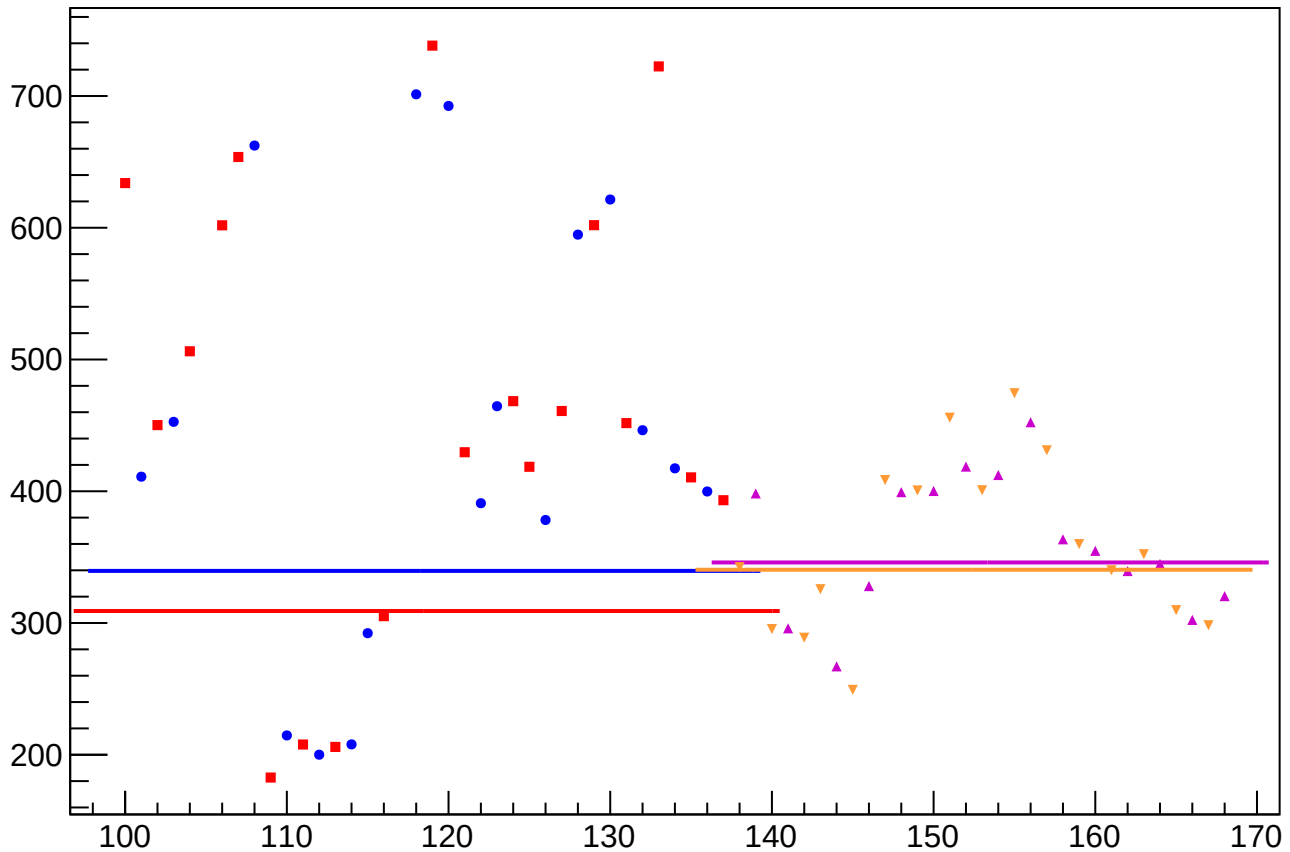
Left In: -217.076 ± 102.004 χ^2/NDF : 15.2/14

+ sign 473.152 ± 82.065 χ^2/NDF : 60.2/32

All: 218.091 ± 57.341 χ^2/NDF : 114.2/66

- sign -25.231 ± 80.154 χ^2/NDF : 35.1/33

asym_sam7_rms vs Slug



Right In: 339.553 $\pm$ 0.101 χ^2 /NDF: 2042244.1/16

Left Out: 340.429 $\pm$ 0.071 χ^2 /NDF: 728204.3/15

Right Out: 309.105 $\pm$ 0.092 χ^2 /NDF: 2730308.7/18

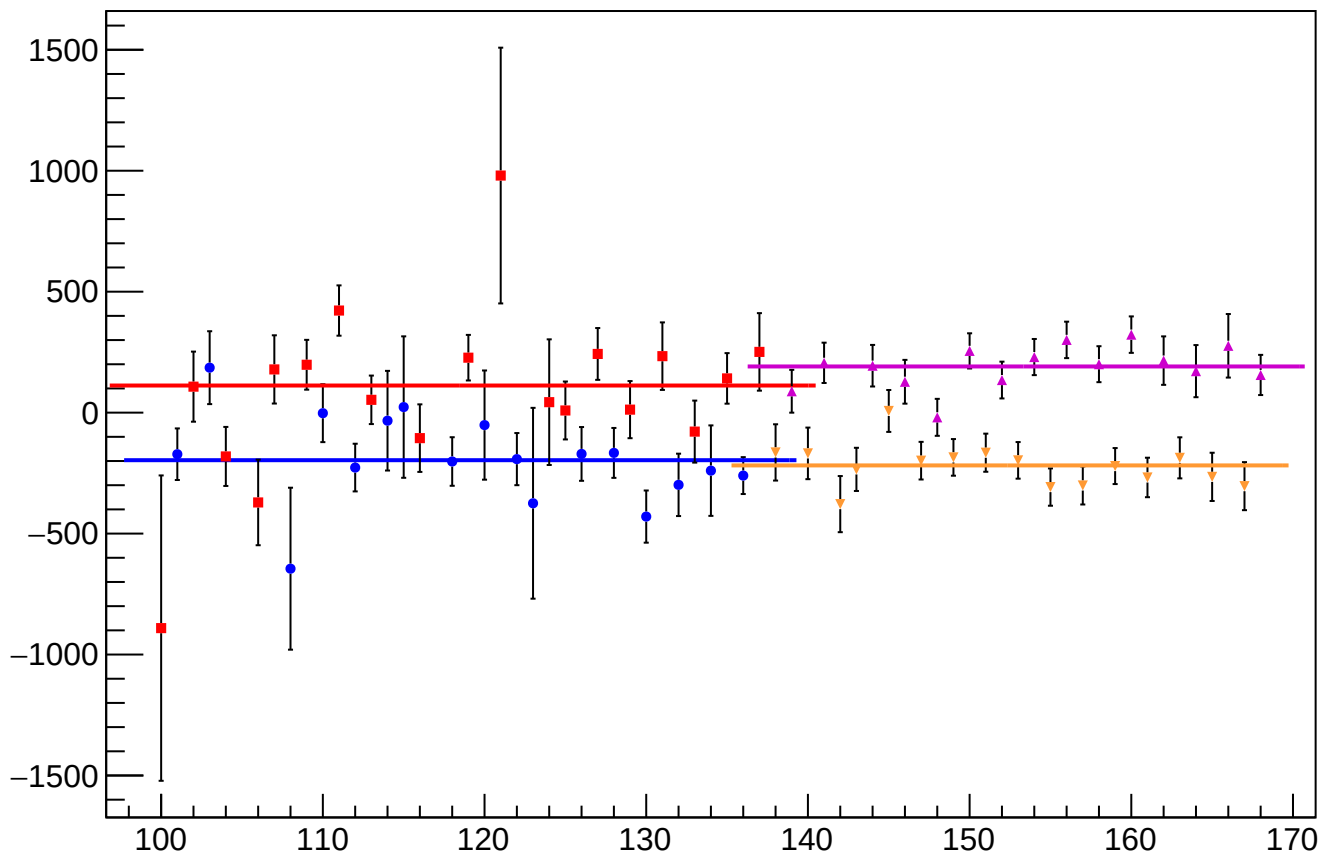
Left In: 345.954 $\pm$ 0.072 χ^2 /NDF: 506247.5/14

+ sign 340.139 $\pm$ 0.058 χ^2 /NDF: 2770498.9/32

All: 335.901 $\pm$ 0.041 χ^2 /NDF: 6117313.1/66

- sign 331.858 $\pm$ 0.057 χ^2 /NDF: 3336393.9/33

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -218.167 ± 21.460 χ^2/NDF : 13.8/15

Right Out: 112.097 ± 29.622 χ^2/NDF : 39.3/18

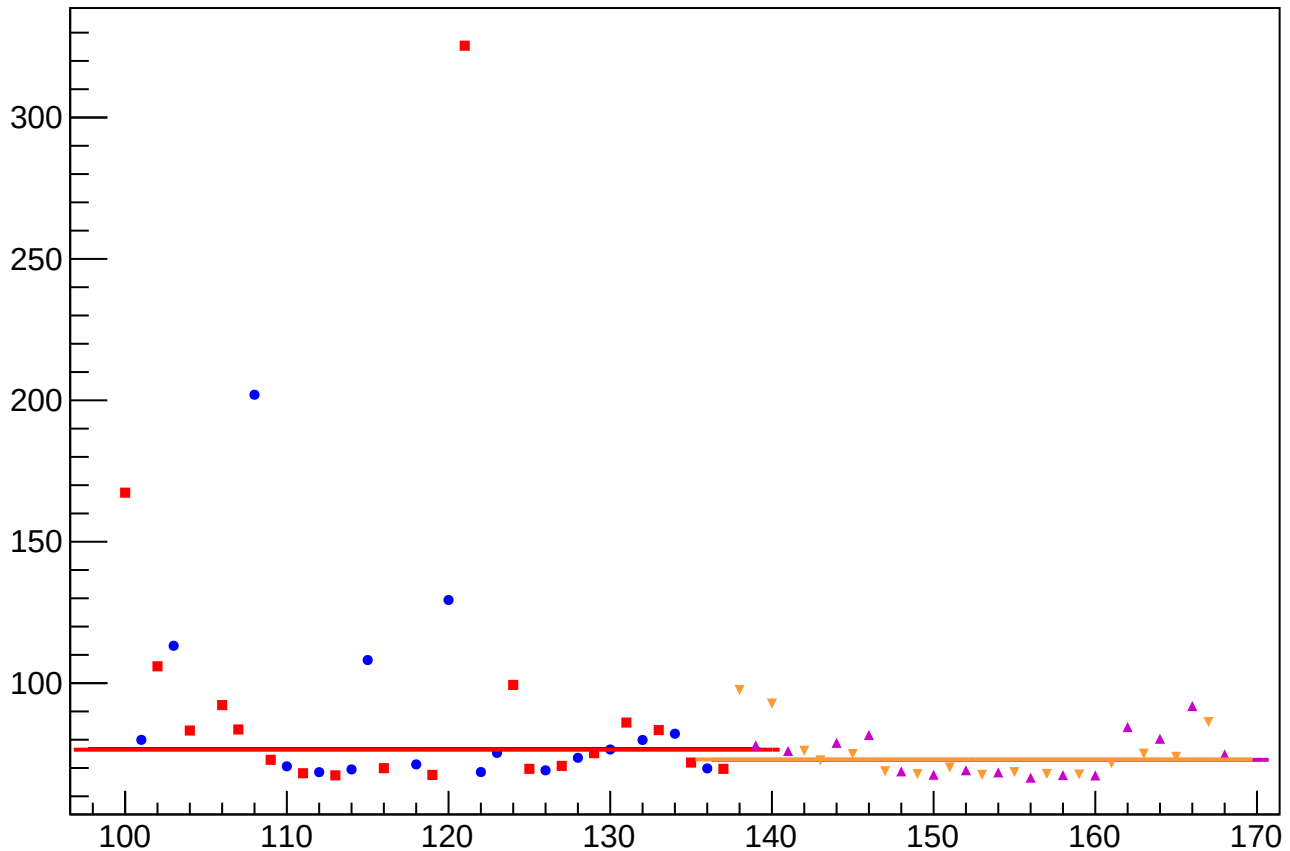
Left In: 190.880 ± 21.497 χ^2/NDF : 16.9/14

+ sign -210.994 ± 17.532 χ^2/NDF : 33.2/32

All: -22.216 ± 12.349 χ^2/NDF : 324.2/66

- sign 163.702 ± 17.398 χ^2/NDF : 60.9/33

dit_asym_sam8_rms vs Slug



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 73.012 $\pm$ 0.015 χ^2 /NDF: 250848.0/15

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

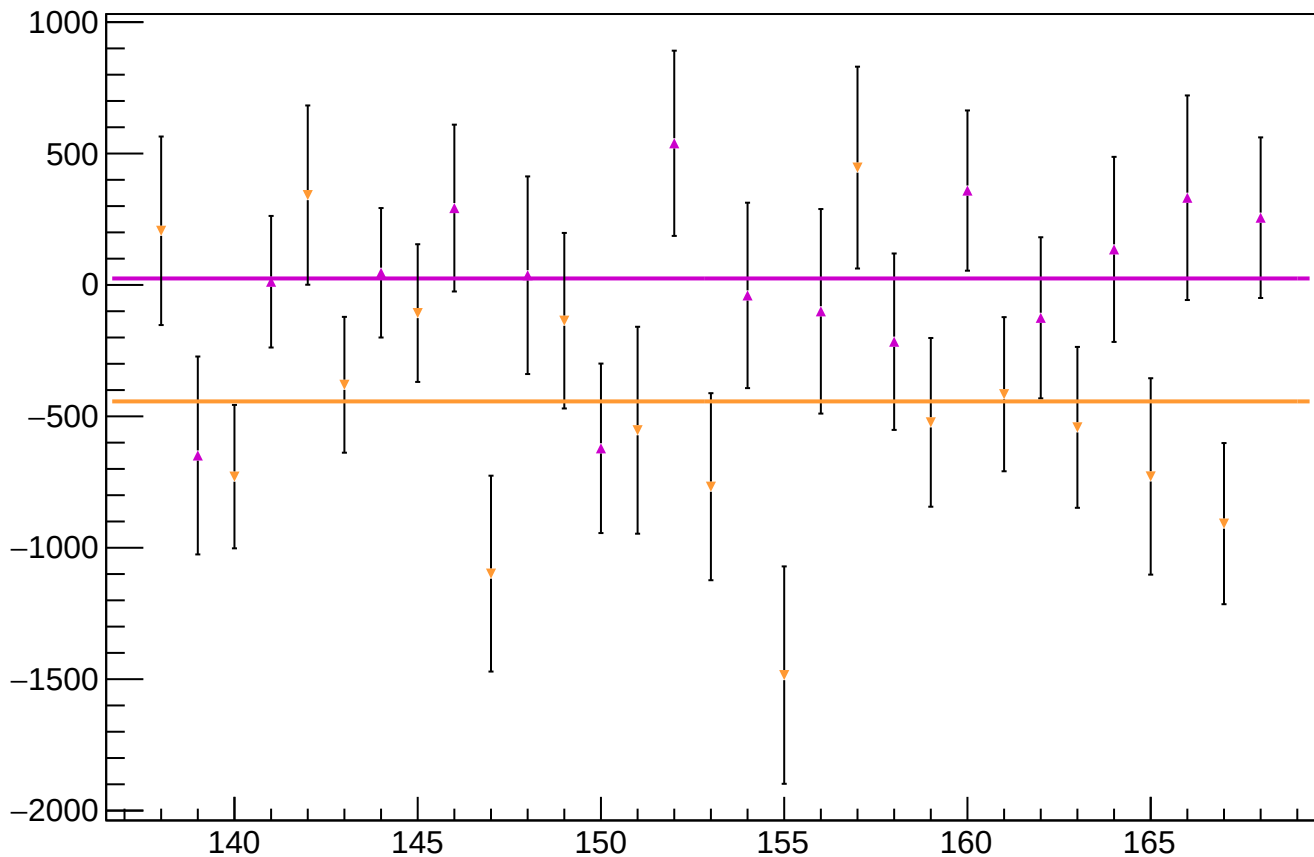
Left In: 72.885 $\pm$ 0.015 χ^2 /NDF: 180748.4/14

+ sign 74.236 $\pm$ 0.012 χ^2 /NDF: 870755.7/32

All: 74.180 $\pm$ 0.009 χ^2 /NDF: 1770186.2/66

- sign 74.125 $\pm$ 0.012 χ^2 /NDF: 899390.0/33

asym_sam8_correction_mean vs Slug



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

Left Out: -443.106 $\pm$ 81.032 χ^2 /NDF:31.0/15

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

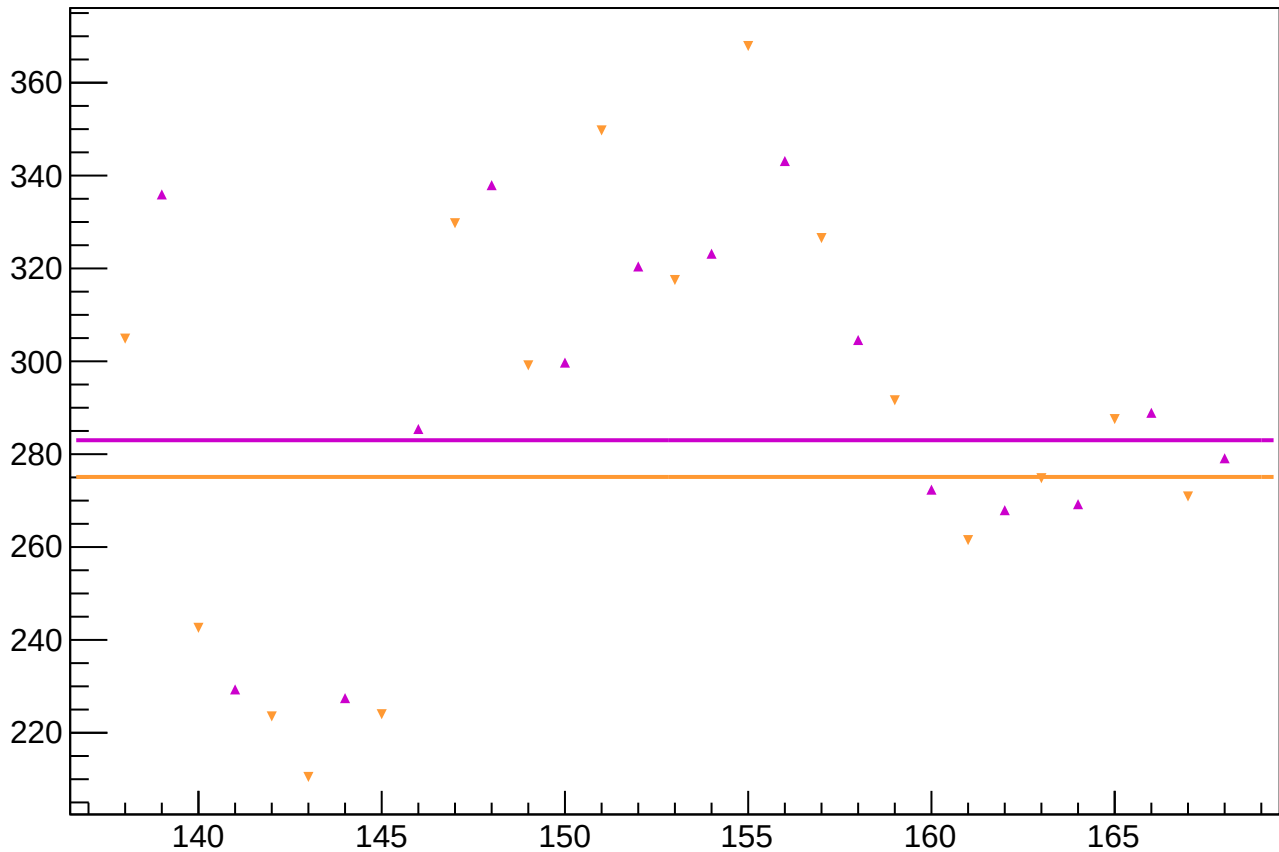
Left In: 24.667 $\pm$ 83.199 χ^2 /NDF:13.5/14

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

All: -215.392 $\pm$ 58.049 χ^2 /NDF: 60.7/30

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

asym_sam8_correction_rms vs Slug



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

Left Out: 275.097+/-0.057 χ^2/NDF : 591396.6/15

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

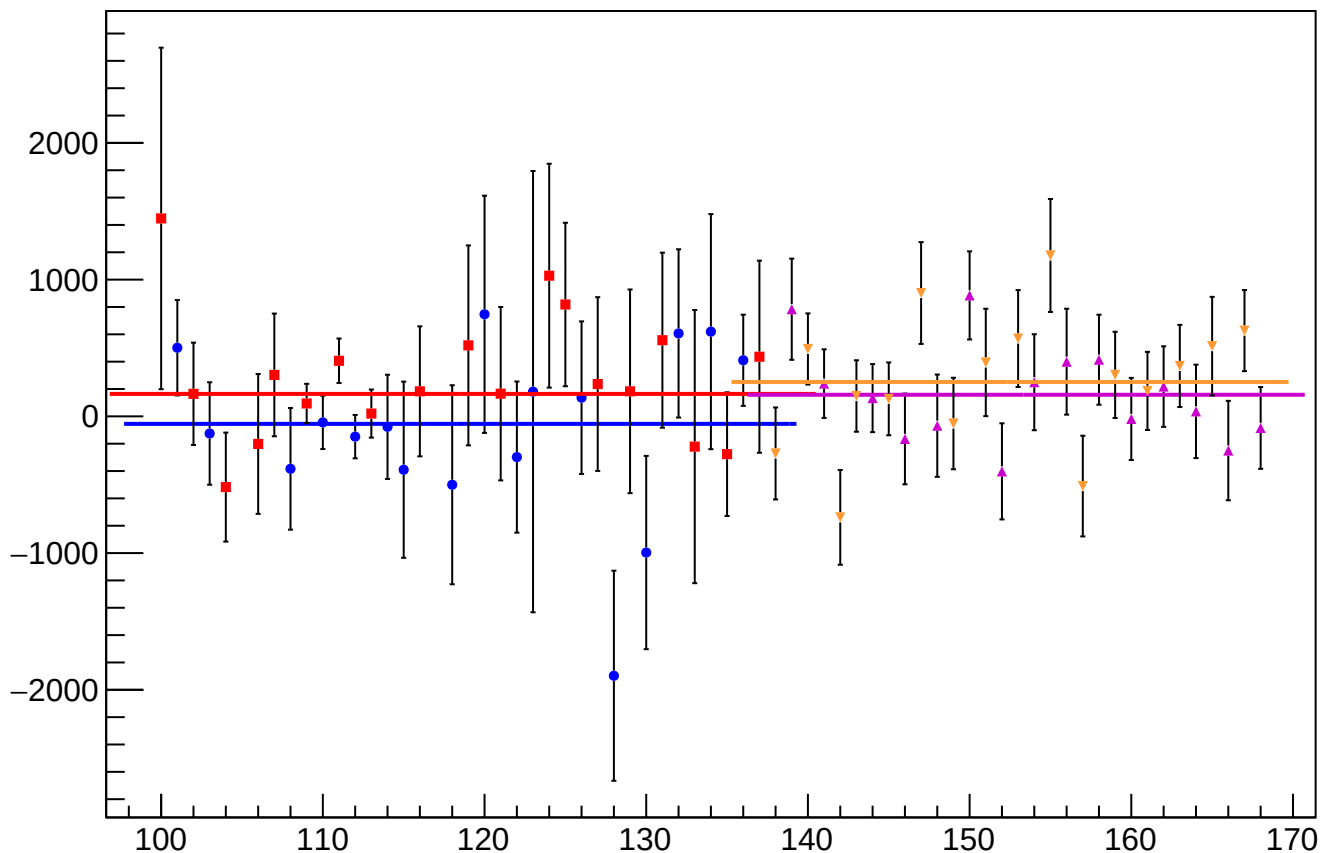
Left In: 283.003+/-0.059 χ^2/NDF : 396922.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.946+/-0.041 χ^2/NDF : 997585.5/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



Right In: -54.933 ± 90.355 $\chi^2/\text{NDF}: 16.5/16$

Left Out: 251.458 ± 79.824 $\chi^2/\text{NDF}: 28.3/15$

Right Out: 164.141 ± 76.903 $\chi^2/\text{NDF}: 11.9/18$

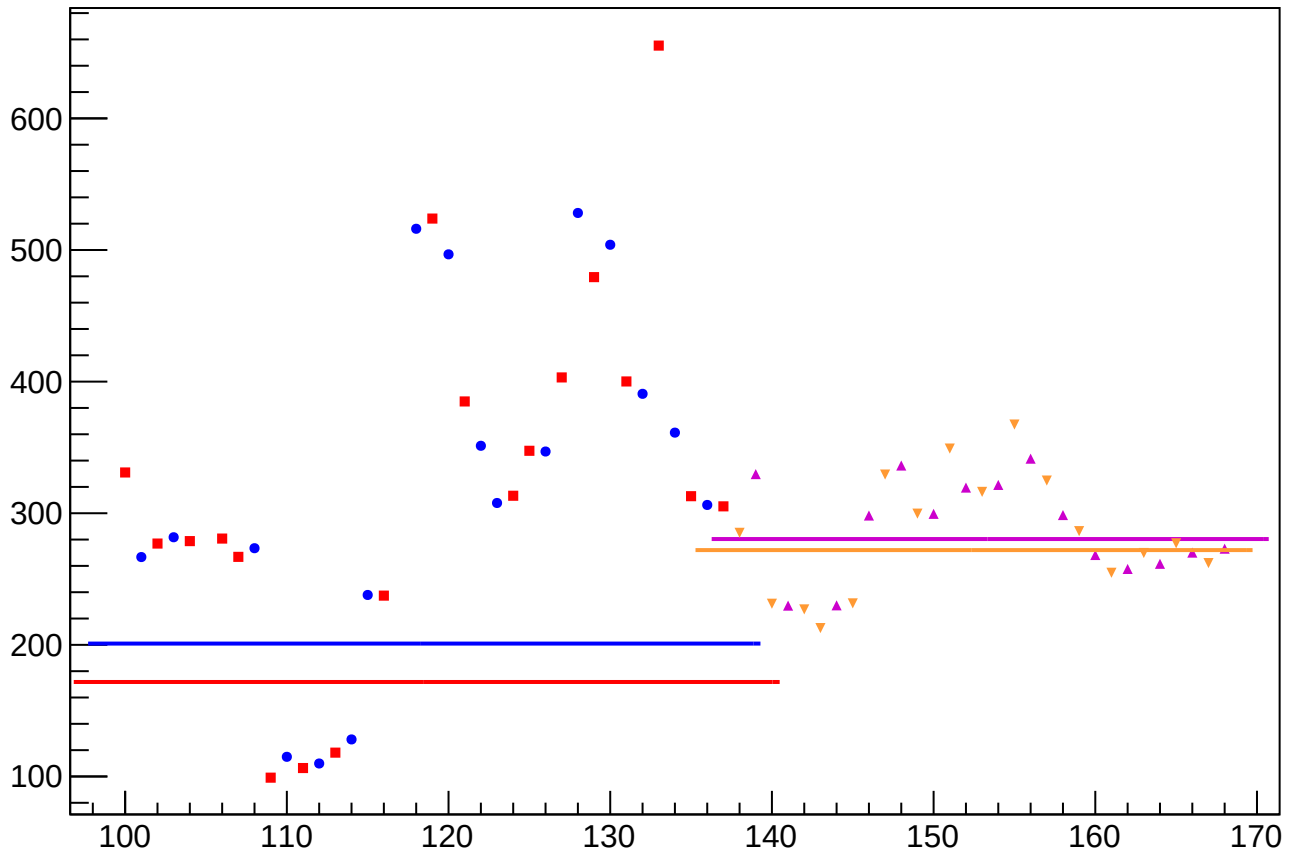
Left In: 157.838 ± 82.425 $\chi^2/\text{NDF}: 15.4/14$

+ sign 117.152 ± 59.822 $\chi^2/\text{NDF}: 51.3/32$

All: 140.542 ± 40.972 $\chi^2/\text{NDF}: 78.9/66$

- sign 161.208 ± 56.229 $\chi^2/\text{NDF}: 27.3/33$

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 271.997+/-0.056 χ^2/NDF : 566512.5/15

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

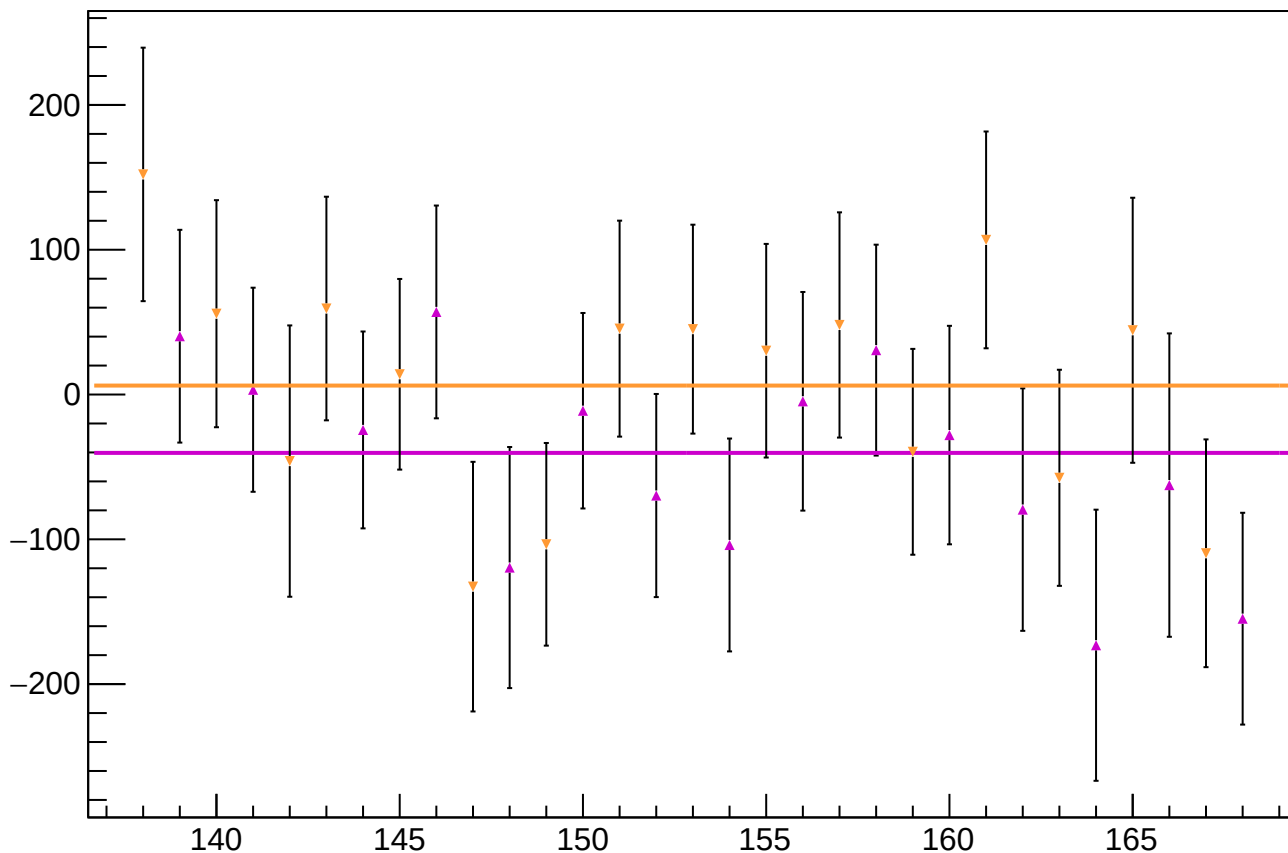
Left In: 280.399+/-0.058 χ^2/NDF : 388132.3/14

+ sign 240.862+/-0.042 χ^2/NDF : 4696766.5/32

All: 231.027+/-0.029 χ^2/NDF : 11135684.2/60

- sign 222.337+/-0.040 χ^2/NDF : 6337087.4/33

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 6.188 $\pm$ 19.238 χ^2 /NDF:15.3/15

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

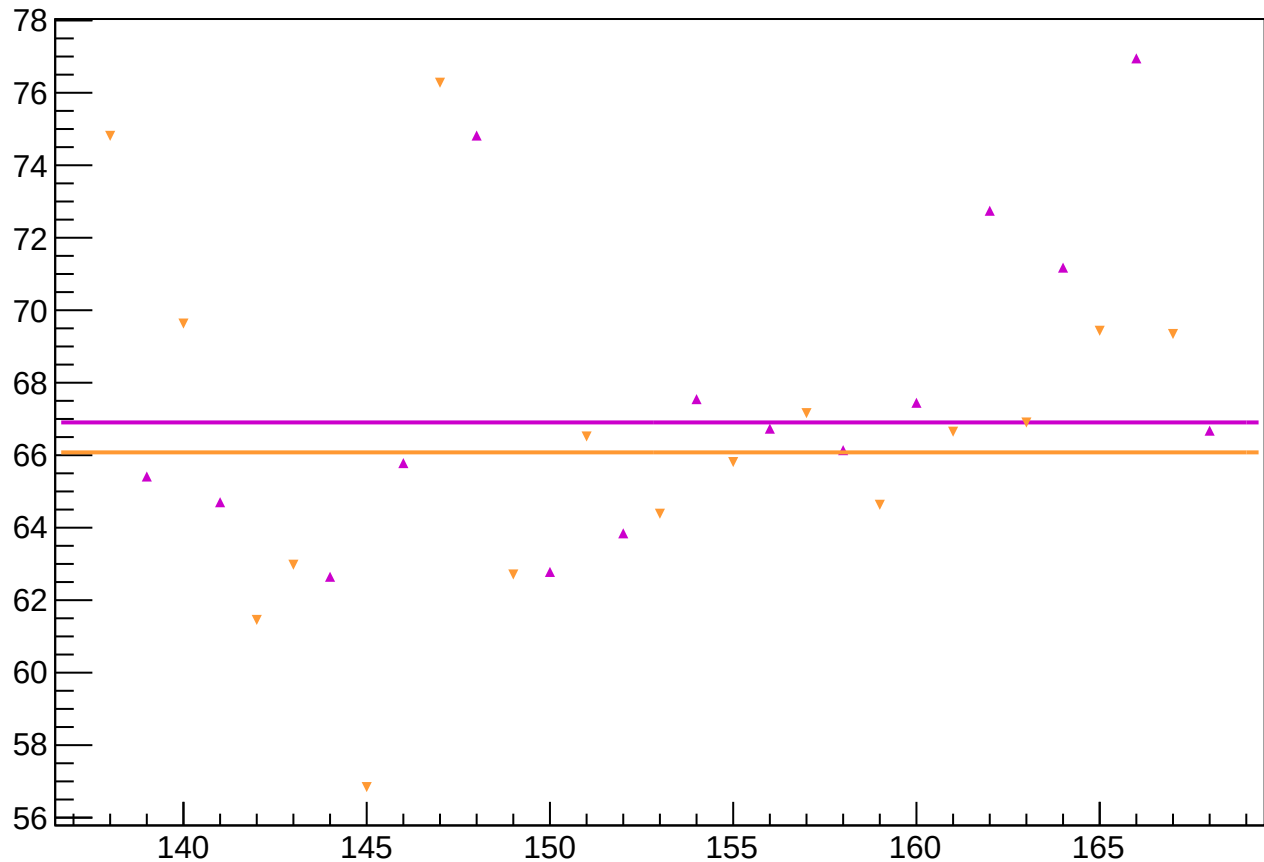
Left In: -40.309 $\pm$ 19.558 χ^2 /NDF:11.3/14

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

All: -16.677 $\pm$ 13.715 χ^2 /NDF: 29.5/30

- 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: 66.078+/-0.014 χ^2/NDF :112998.4/15

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

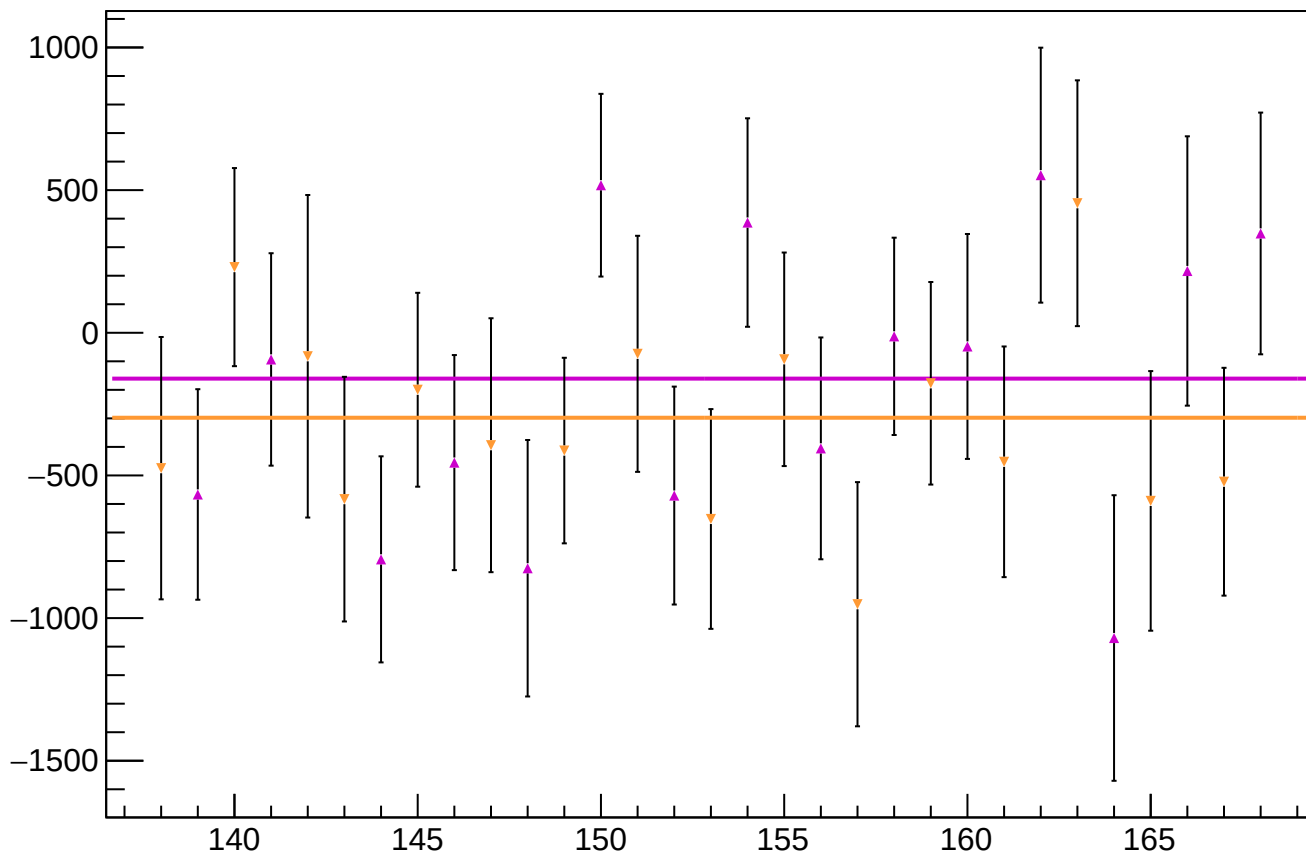
Left In: 66.904+/-0.014 χ^2/NDF :73220.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.484+/-0.010 χ^2/NDF : 188033.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -297.763 $\pm$ 99.751 χ^2 /NDF: 11.1/15

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

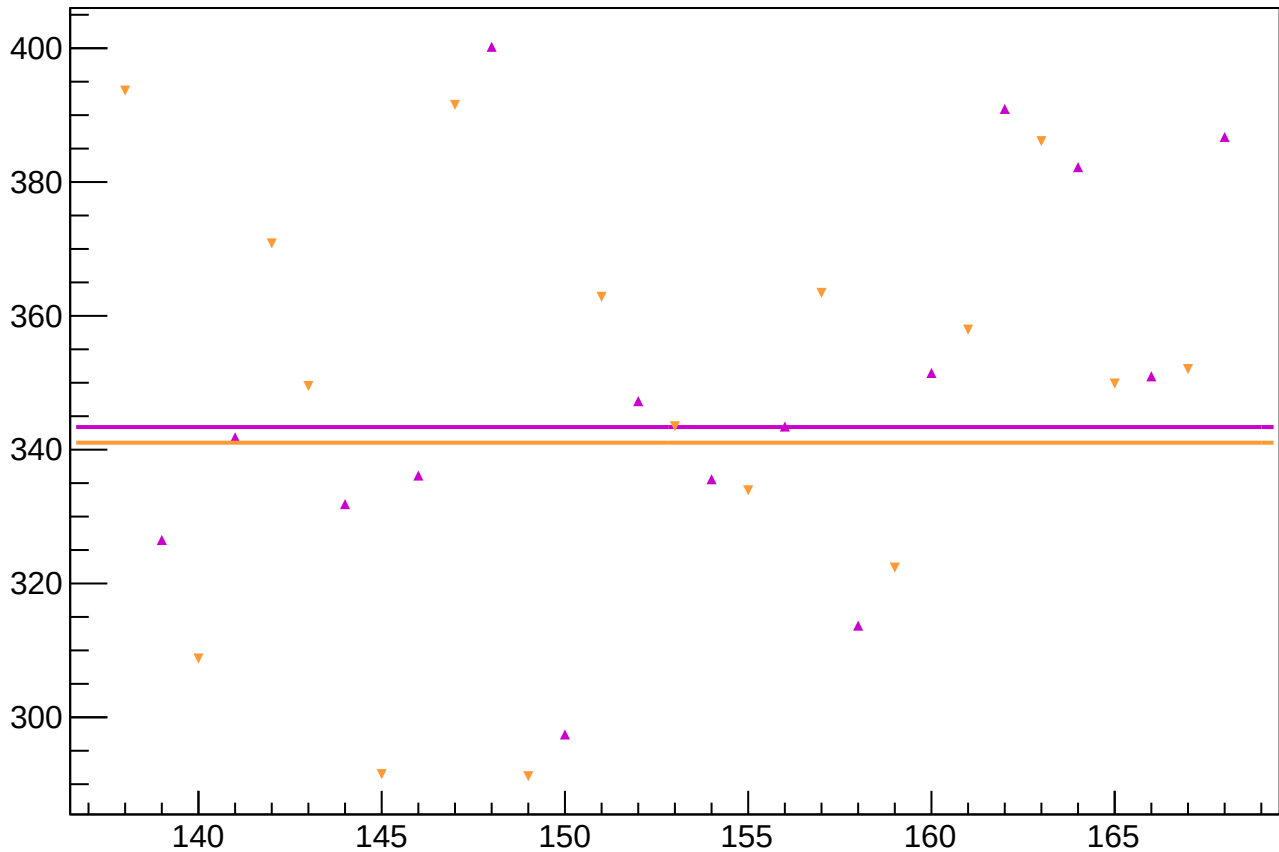
Left In: -160.641 $\pm$ 100.607 χ^2 /NDF: 23.6/14

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

All: -229.788 $\pm$ 70.835 χ^2 /NDF: 35.6/30

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

asym_sam_15_avg_correction_rms vs Slug



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

Left Out: 341.043+/-0.071 χ^2/NDF : 210092.7/15

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

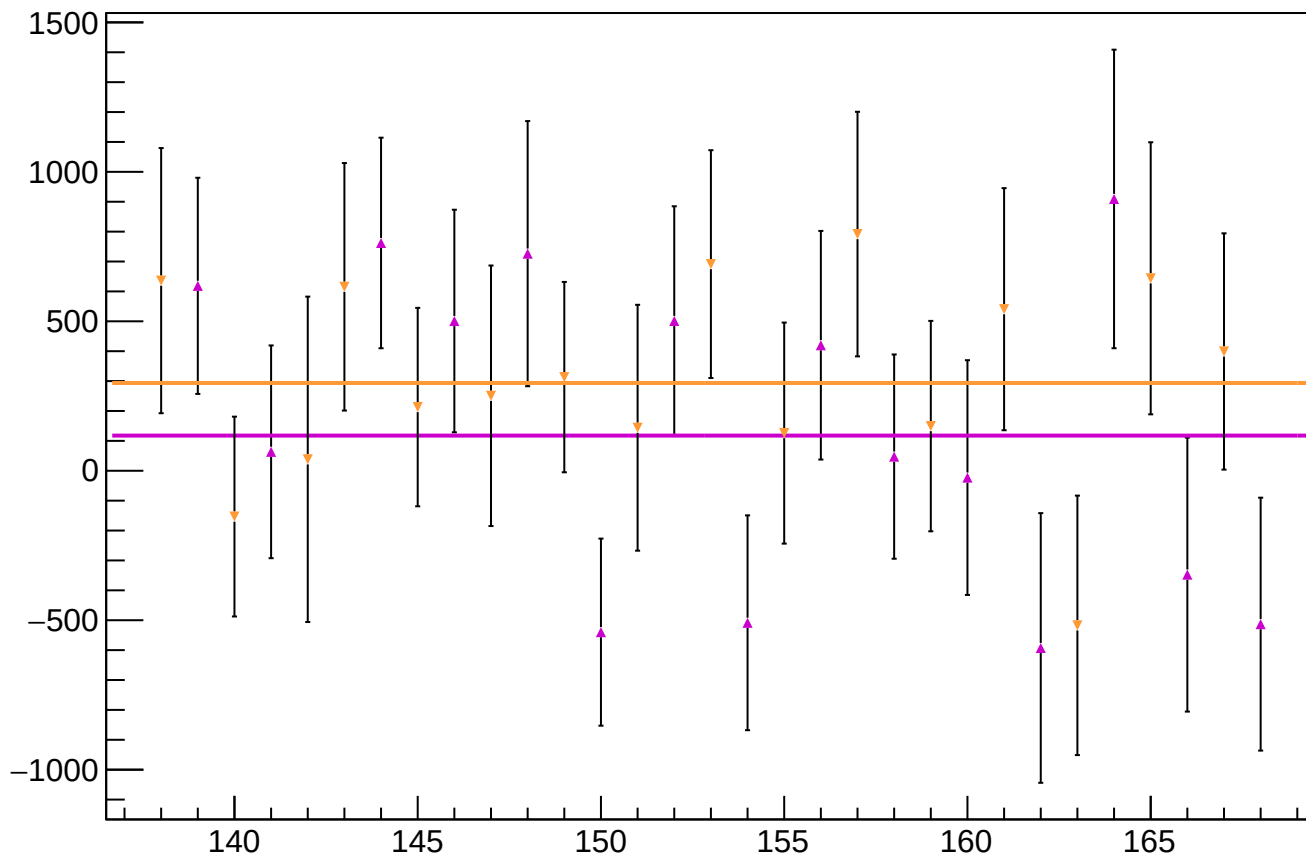
Left In: 343.382+/-0.071 χ^2/NDF : 153003.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.203+/-0.050 χ^2/NDF : 363641.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



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

Left Out: 293.639 $\pm$ 97.940 χ^2 /NDF:10.9/15

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

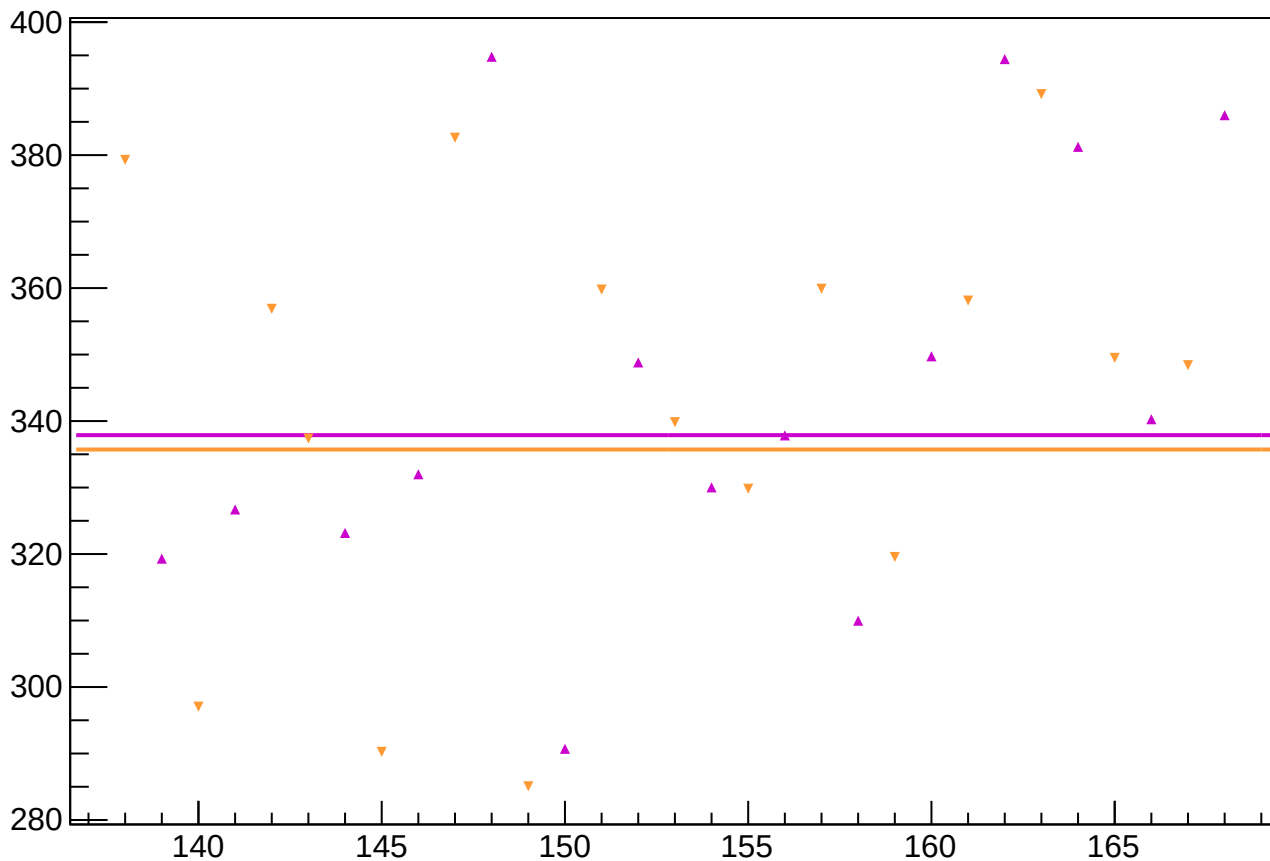
Left In: 117.668 $\pm$ 99.103 χ^2 /NDF:25.7/14

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

All: 206.692 $\pm$ 69.662 χ^2 /NDF: 38.2/30

- sign 0.000 $\pm$ 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: 335.723+/-0.069 χ^2/NDF : 219558.3/15

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

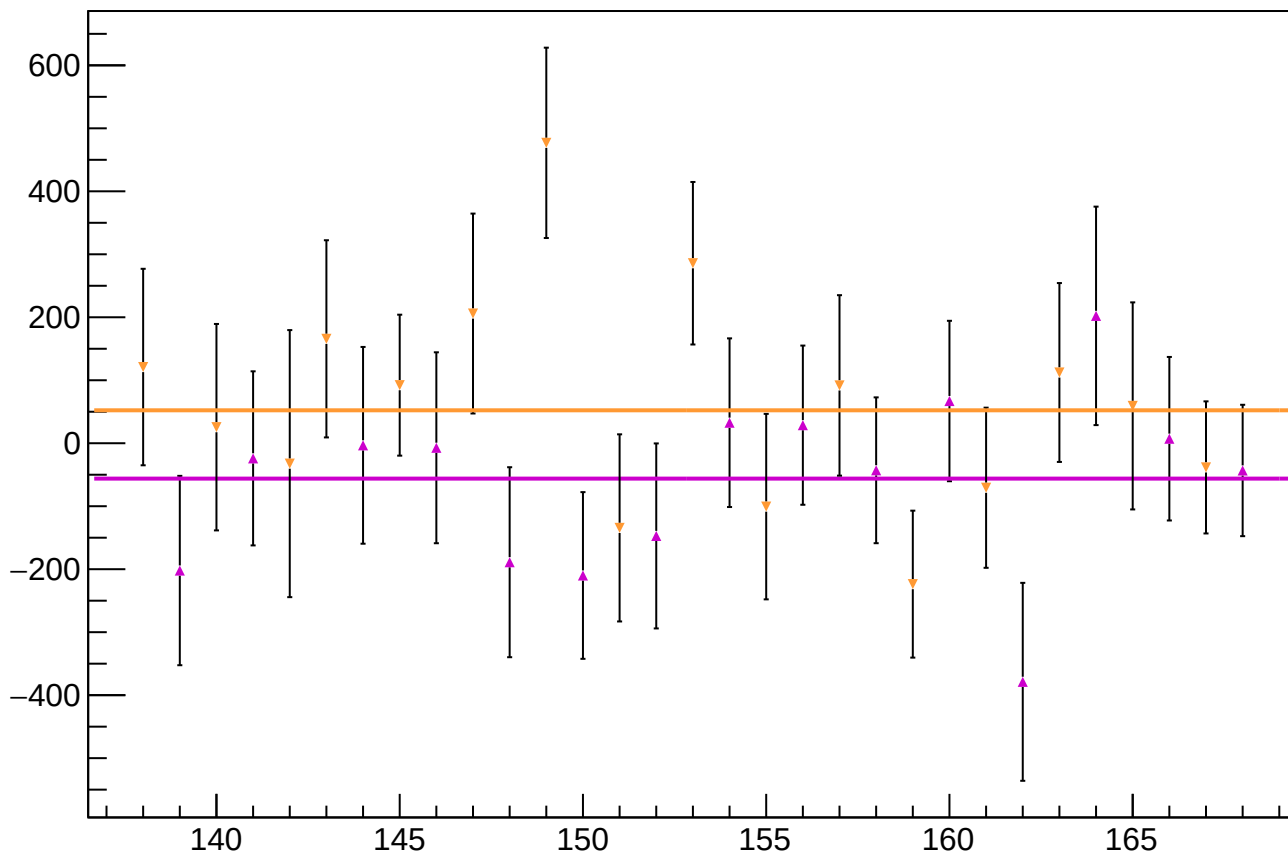
Left In: 337.881+/-0.070 χ^2/NDF : 179795.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.789+/-0.049 χ^2/NDF : 399834.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



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

Left Out: 52.289 $\pm$ 34.967 χ^2 /NDF:23.3/15

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

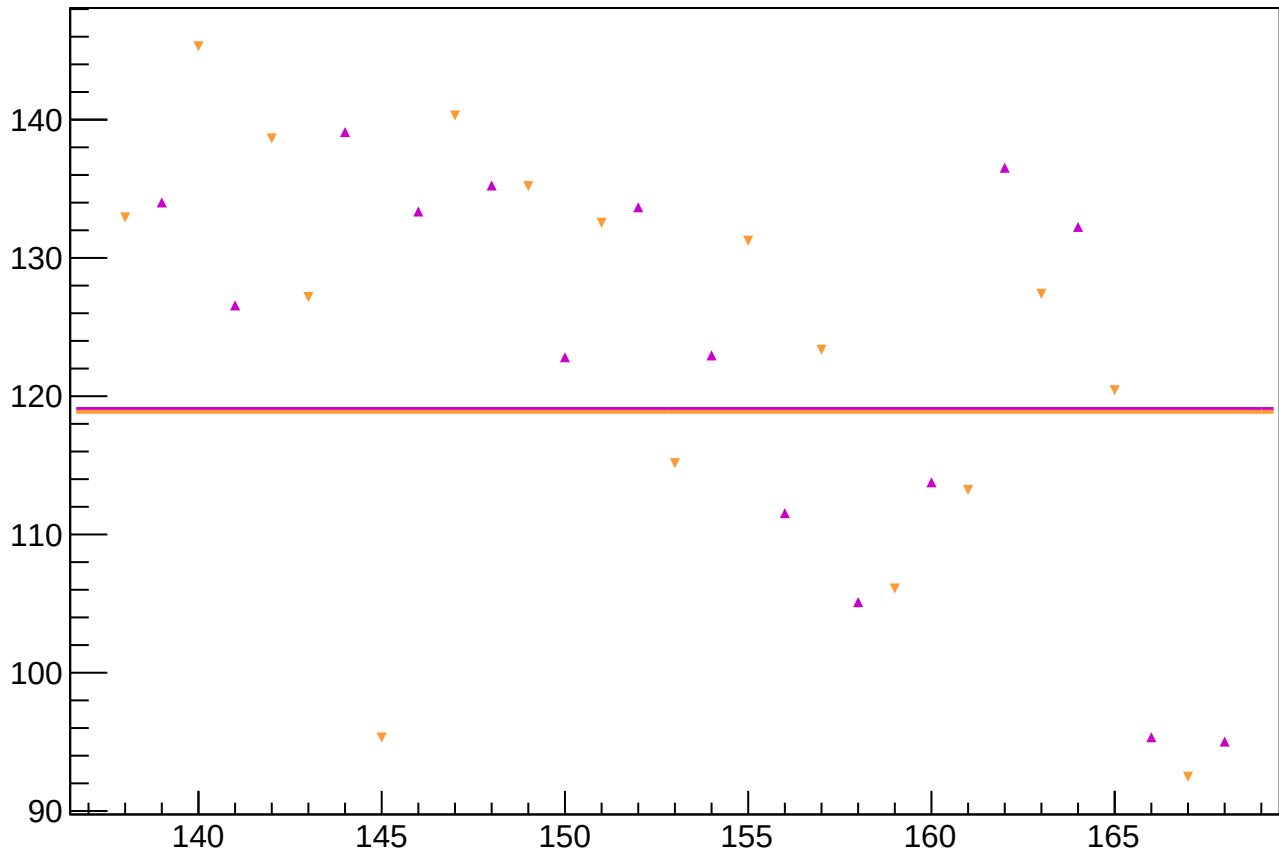
Left In: -56.165 $\pm$ 35.176 χ^2 /NDF:12.3/14

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

All: -1.616 $\pm$ 24.799 χ^2 /NDF: 40.4/30

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

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 118.874+/-0.025 χ^2/NDF : 436533.8/15

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

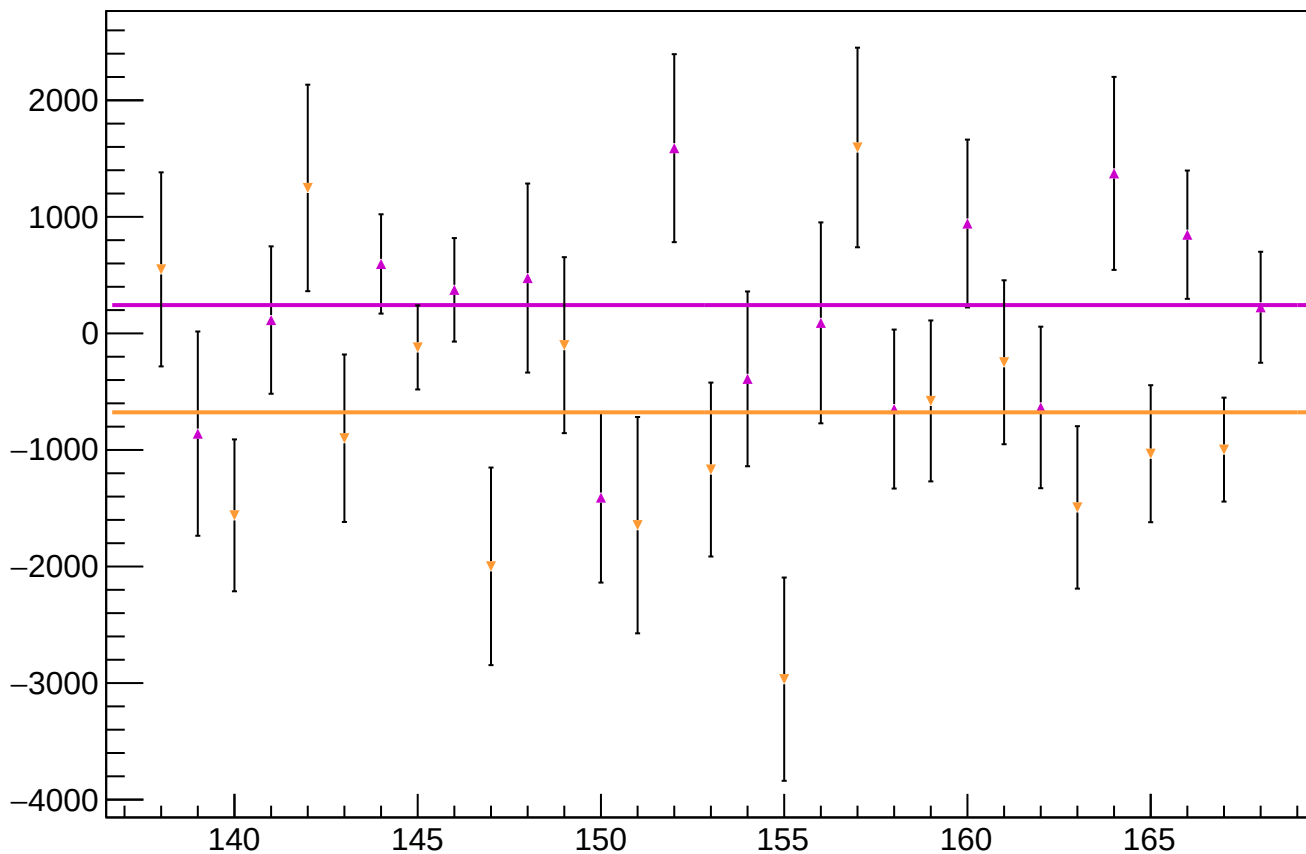
Left In: 119.073+/-0.025 χ^2/NDF : 371399.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.973+/-0.018 χ^2/NDF : 807965.6/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -677.086 $\pm$ 163.133 χ^2 /NDF:32.3/15

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

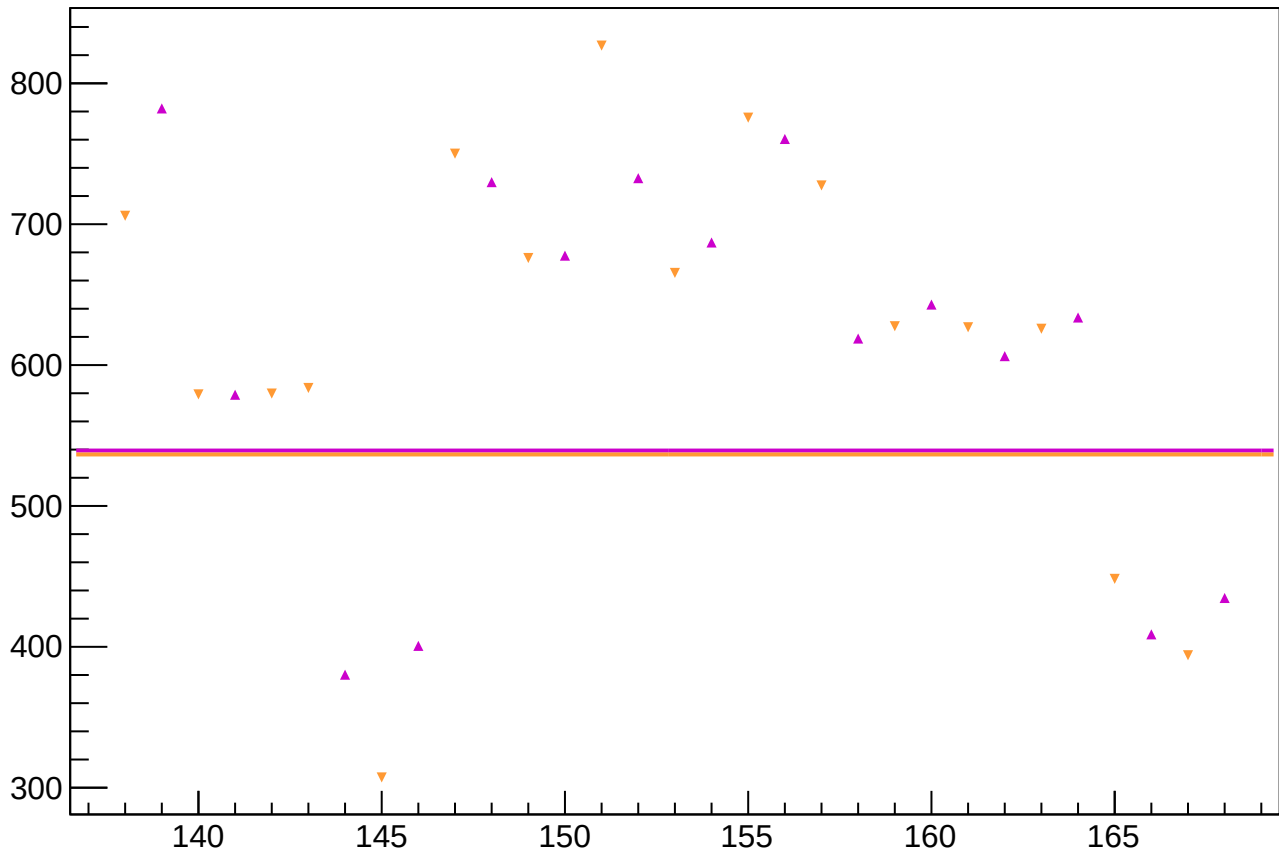
Left In: 242.974 $\pm$ 162.702 χ^2 /NDF:18.5/14

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

All: -215.841 $\pm$ 115.200 χ^2 /NDF: 66.7/30

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

asym_sam_26_avg_correction_rms vs Slug



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

Left Out: 536.553+/-0.115 χ^2/NDF :1962795.6/15

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

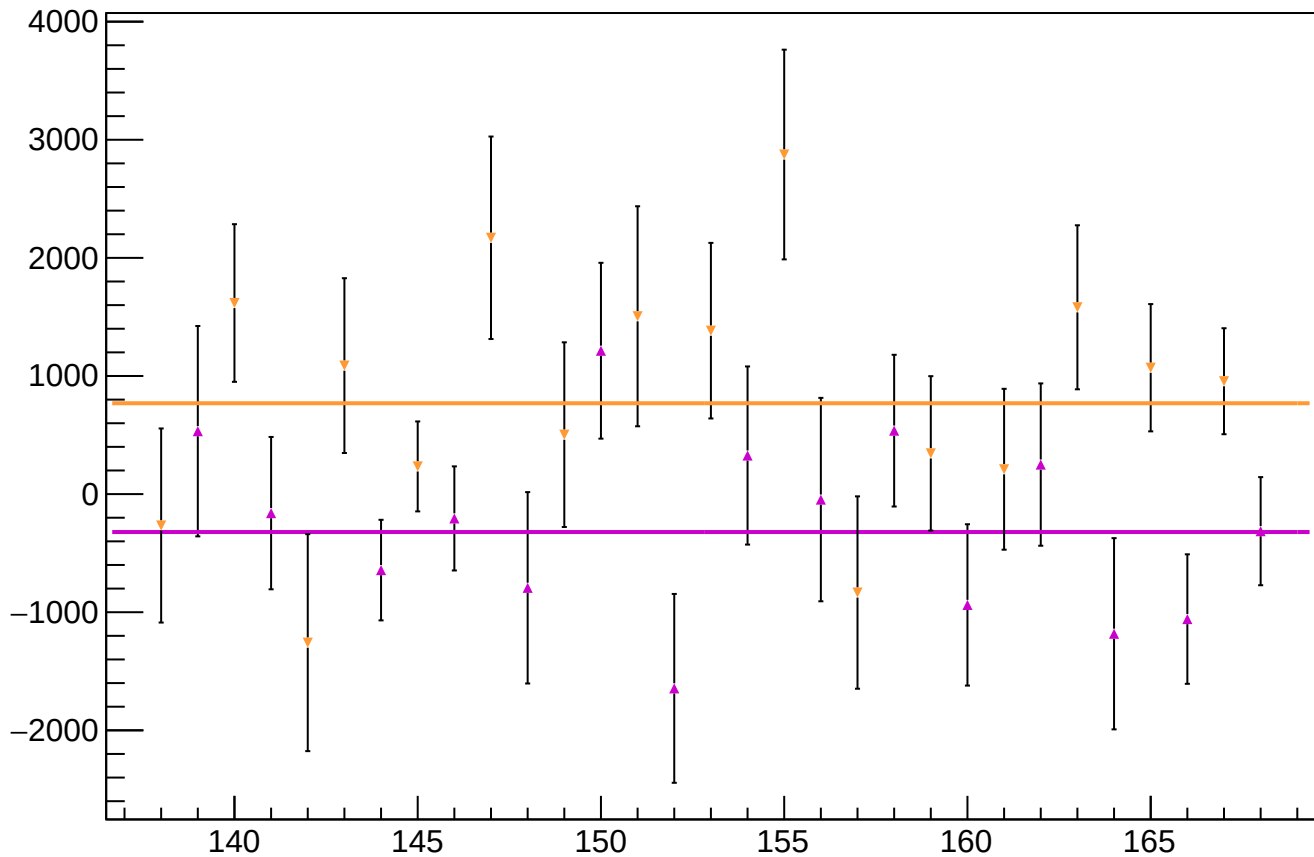
Left In: 539.321+/-0.115 χ^2/NDF :1464220.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.941+/-0.081 χ^2/NDF : 3427304.5/30

- 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: 769.223+/-163.616 χ^2/NDF : 26.8/15

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

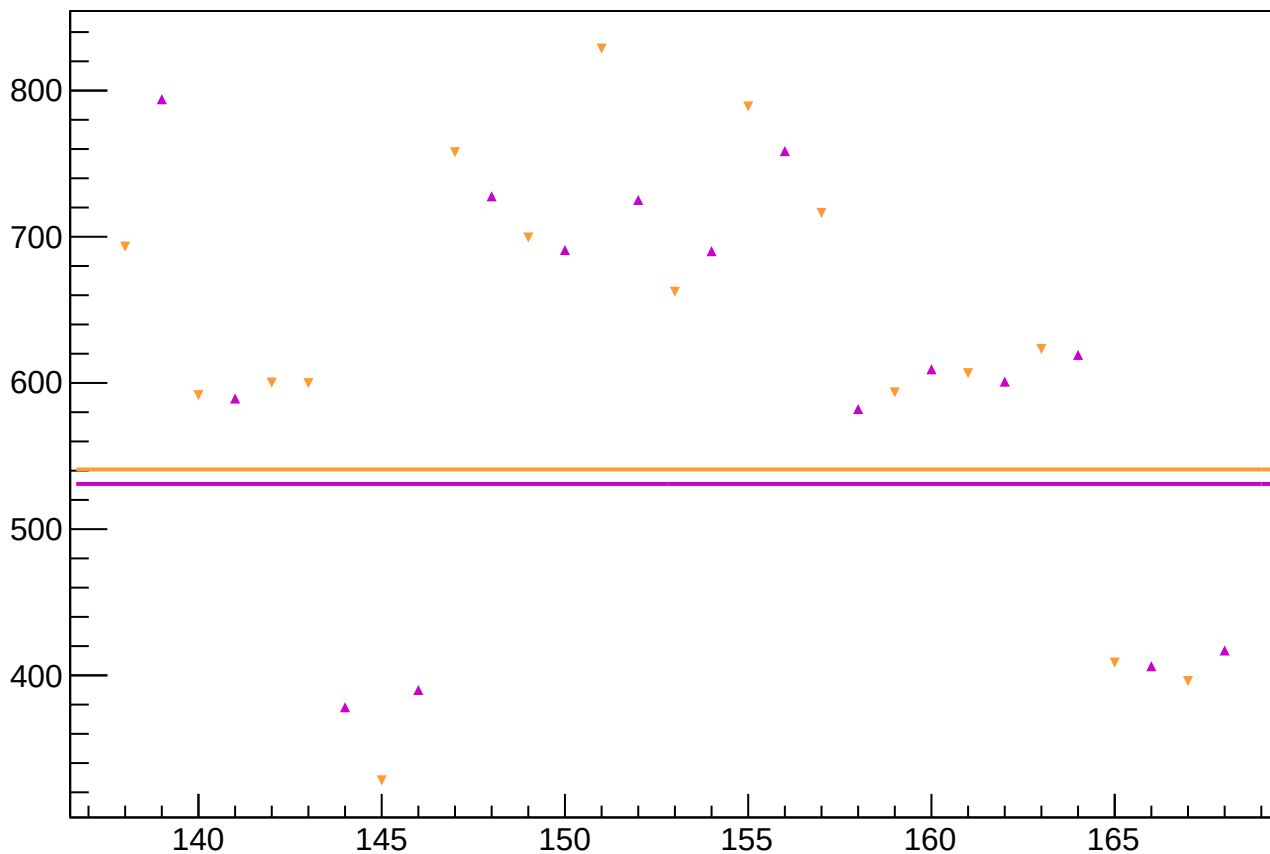
Left In: -321.111+/-160.864 χ^2/NDF : 16.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.810+/-114.709 χ^2/NDF : 65.4/30

- 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: 540.822+/-0.116 χ^2/NDF :1817991.1/15

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

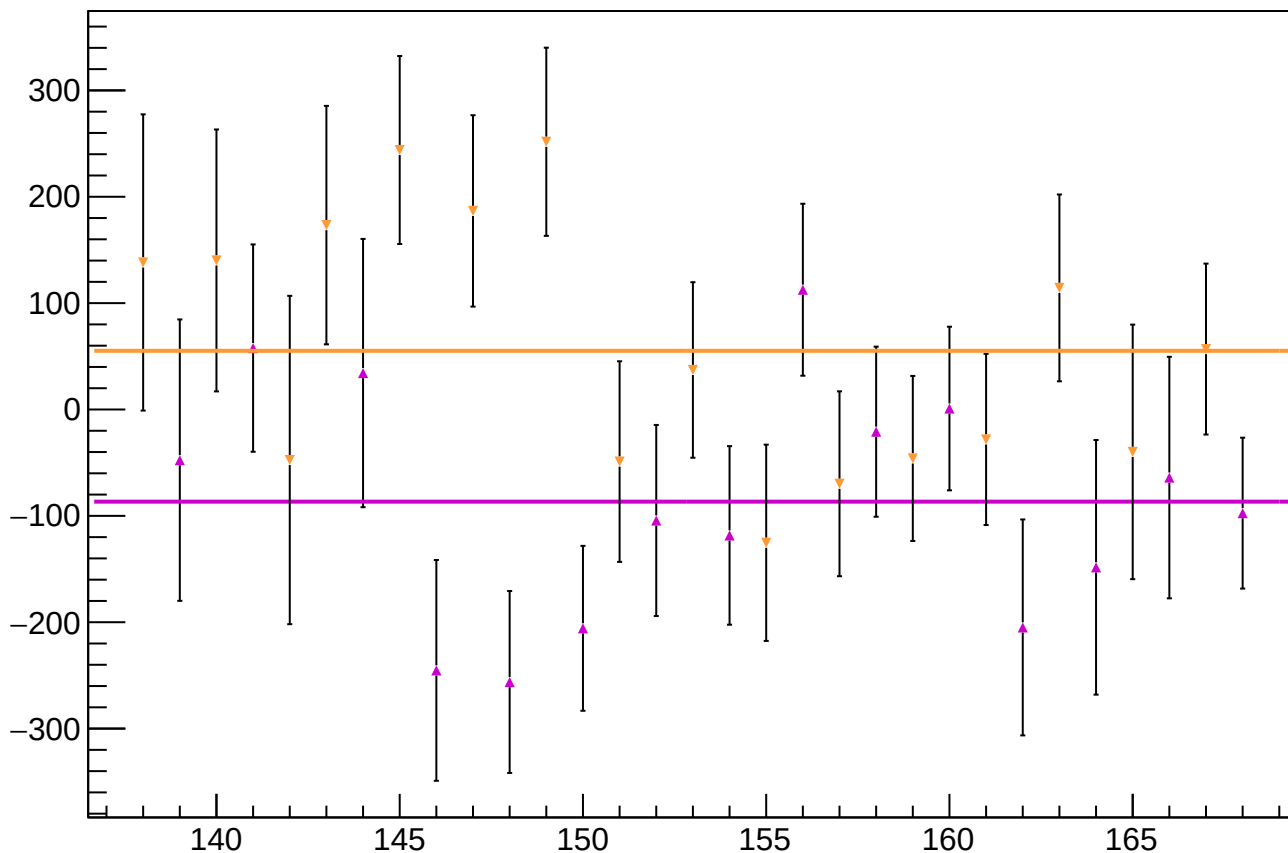
Left In: 530.942+/-0.114 χ^2/NDF :1521363.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.798+/-0.081 χ^2/NDF : 3343062.9/30

- 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: 55.180 $\pm$ 23.554 χ^2 /NDF:25.0/15

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

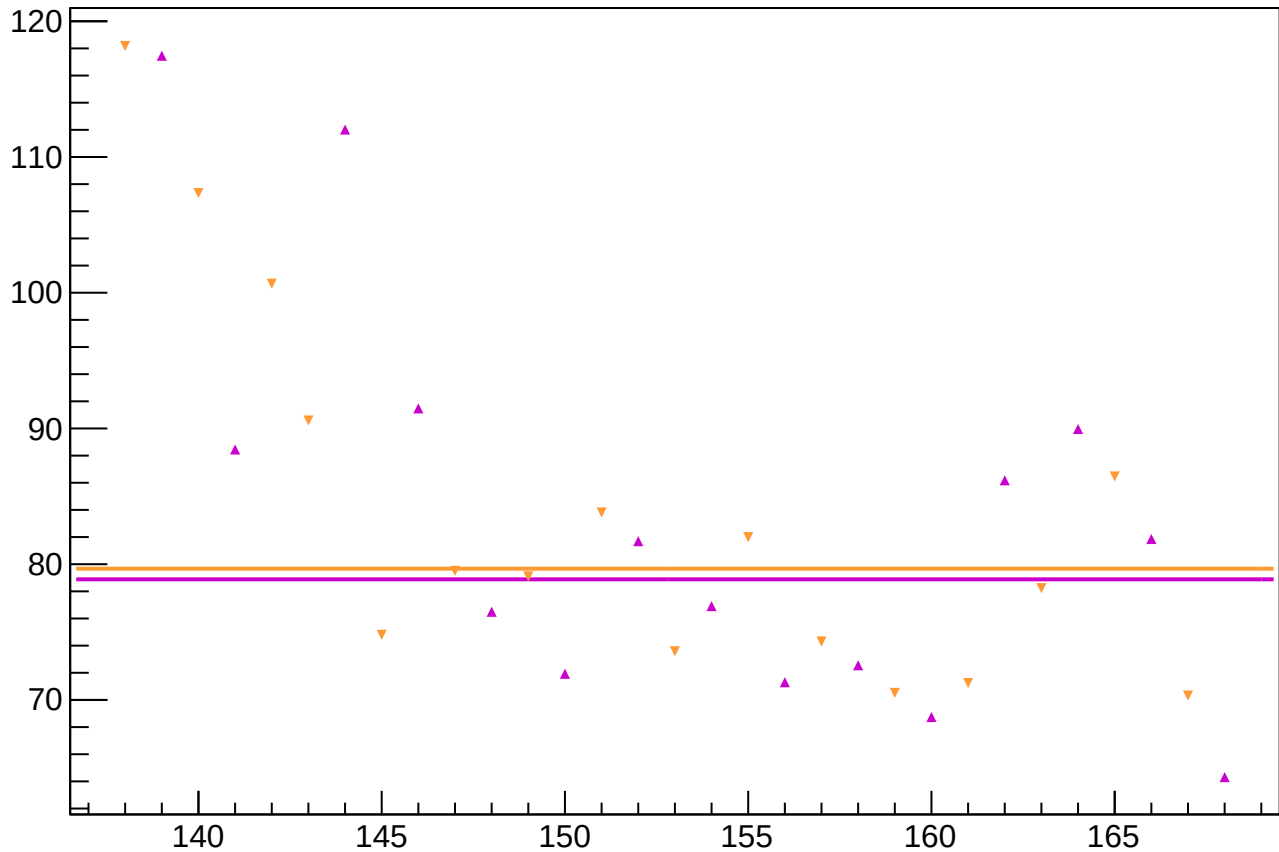
Left In: -86.640 $\pm$ 23.514 χ^2 /NDF:21.7/14

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

All: -15.849 $\pm$ 16.641 χ^2 /NDF: 64.9/30

- 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: 79.669+/-0.017 χ^2/NDF :423509.1/15

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

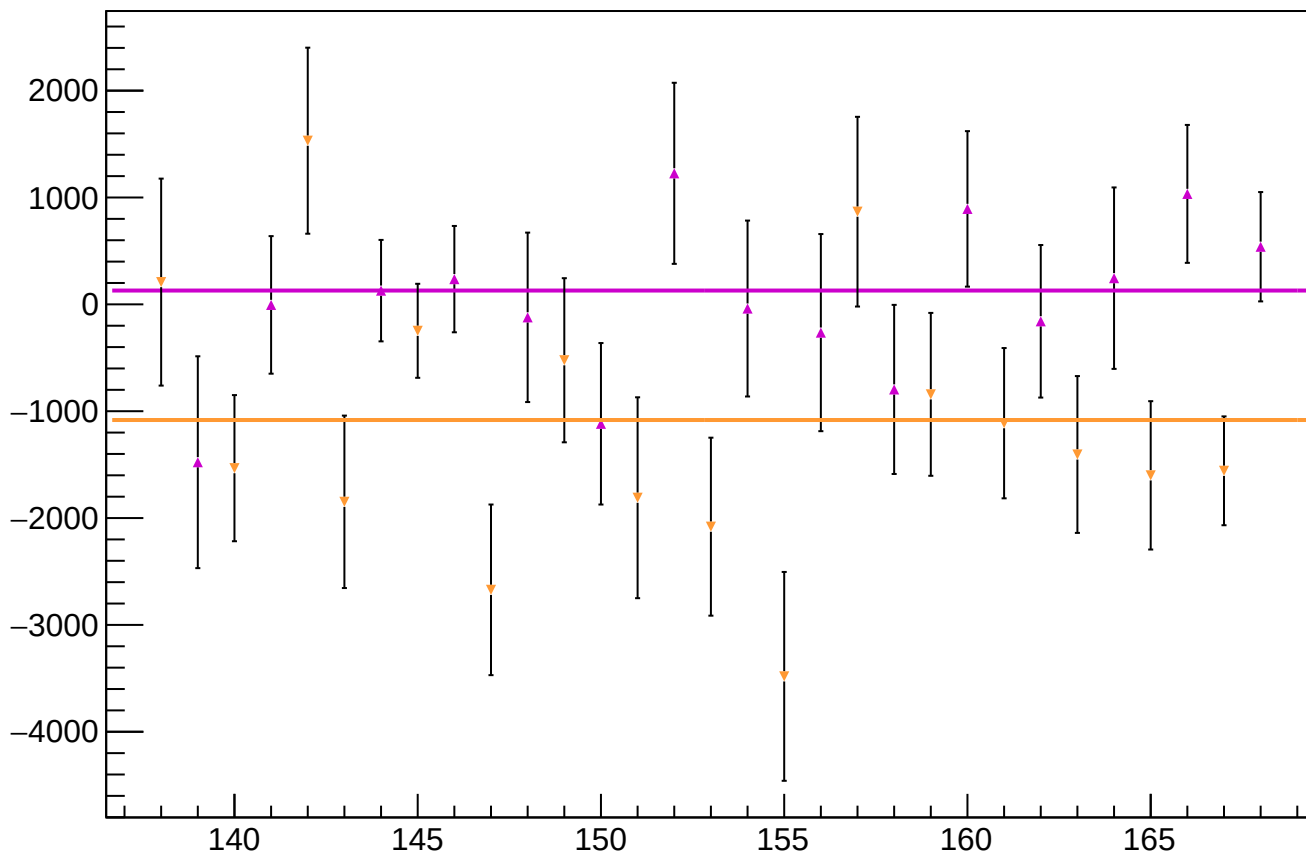
Left In: 78.885+/-0.017 χ^2/NDF :555691.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.277+/-0.012 χ^2/NDF : 980311.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -1082.419 ± 179.866 χ^2/NDF : 34.8/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

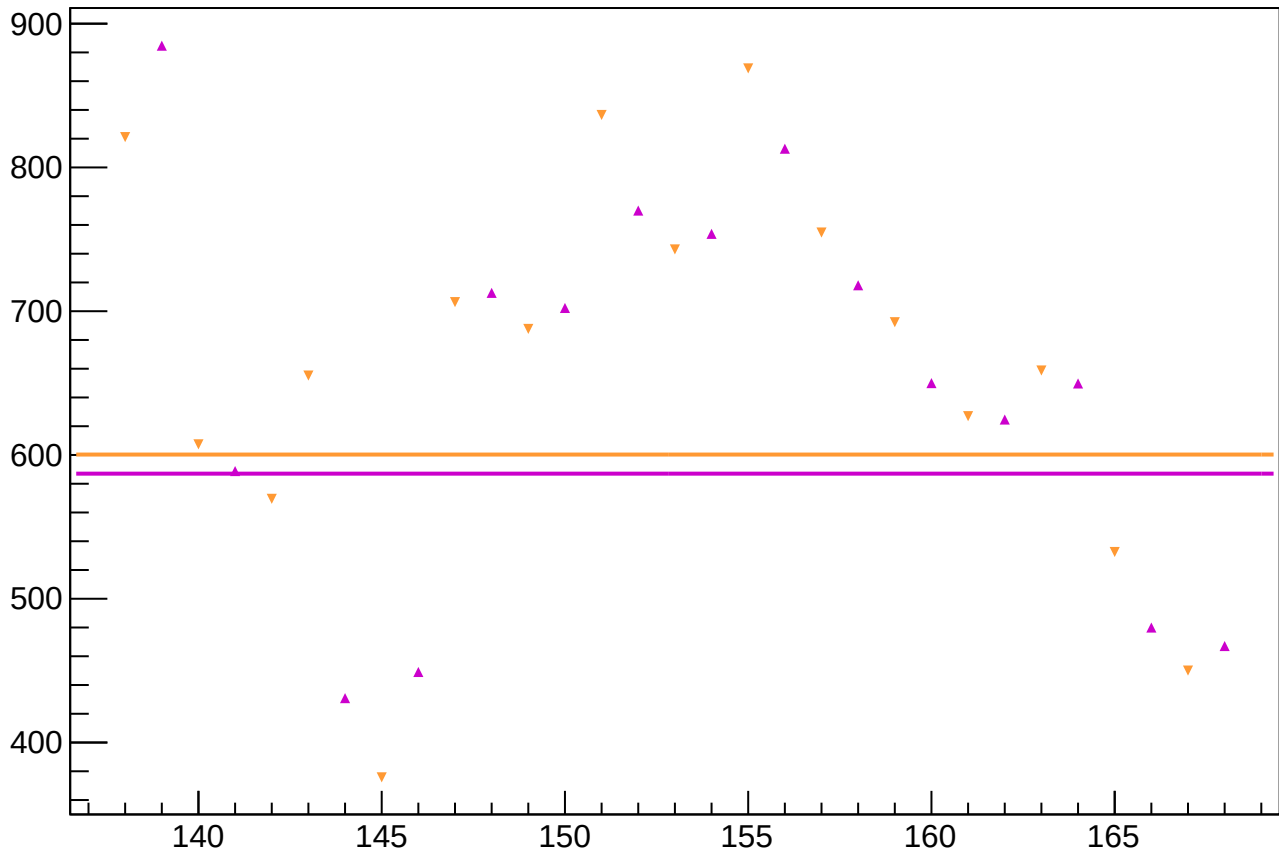
Left In: 129.288 ± 175.819 χ^2/NDF : 12.7/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -462.780 ± 125.729 χ^2/NDF : 70.7/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_rms vs Slug



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

Left Out: 600.296+/-0.127 χ^2/NDF :1332475.8/15

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

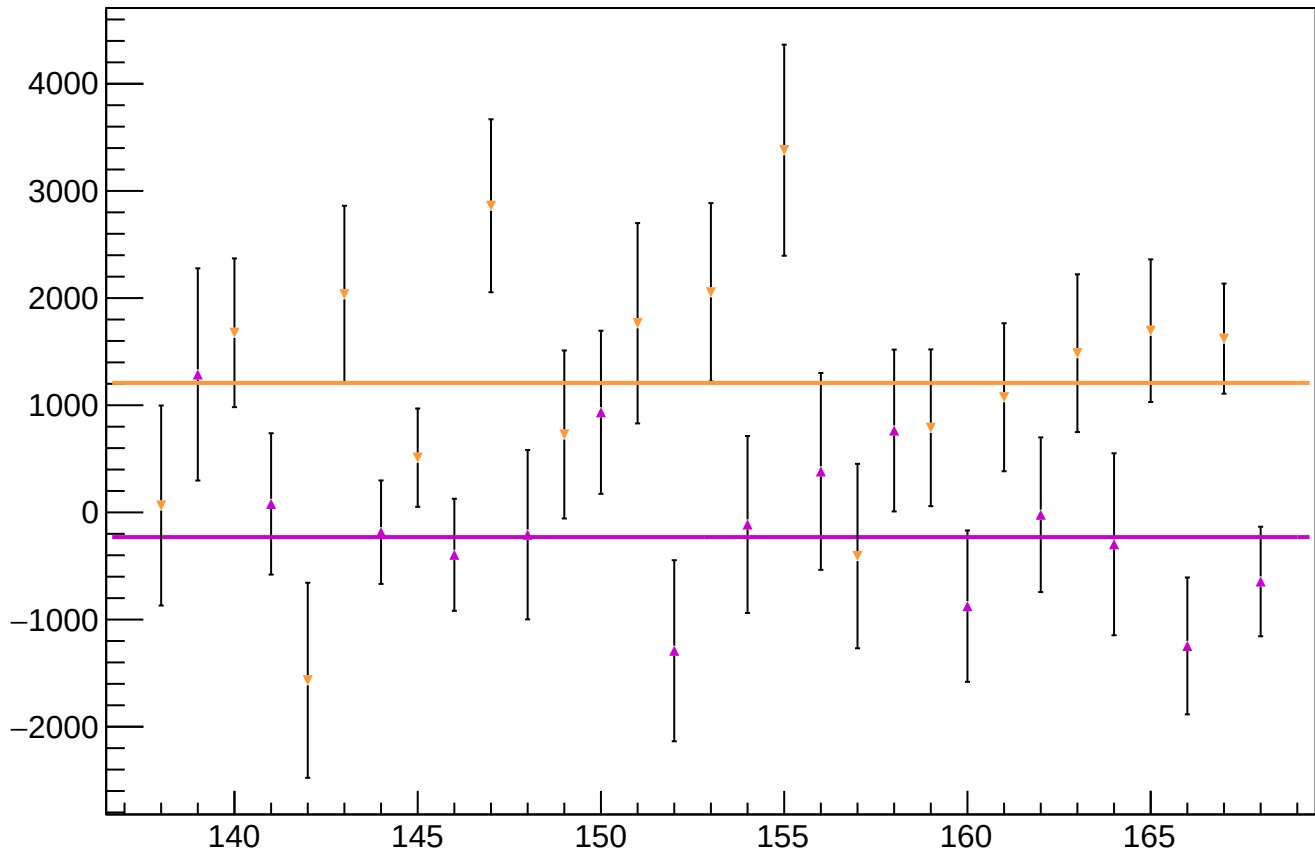
Left In: 587.012+/-0.124 χ^2/NDF :1193900.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.503+/-0.089 χ^2/NDF : 2531954.5/30

- 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: 1208.271+/-180.660 χ^2/NDF :30.6/15

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

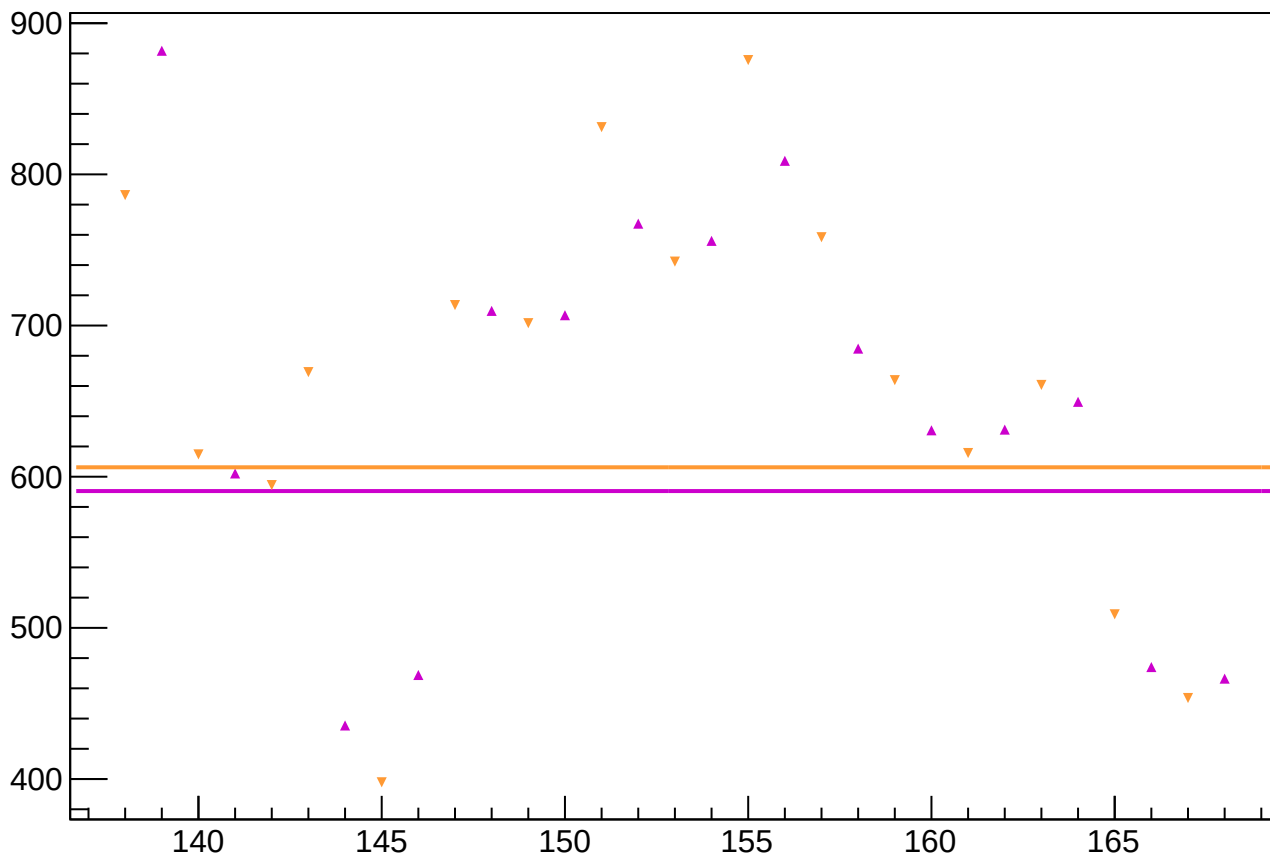
Left In: -230.380+/-176.805 χ^2/NDF :12.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.432+/-126.361 χ^2/NDF : 75.9/30

- 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: 606.225+/-0.128 χ^2/NDF :1188686.1/15

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

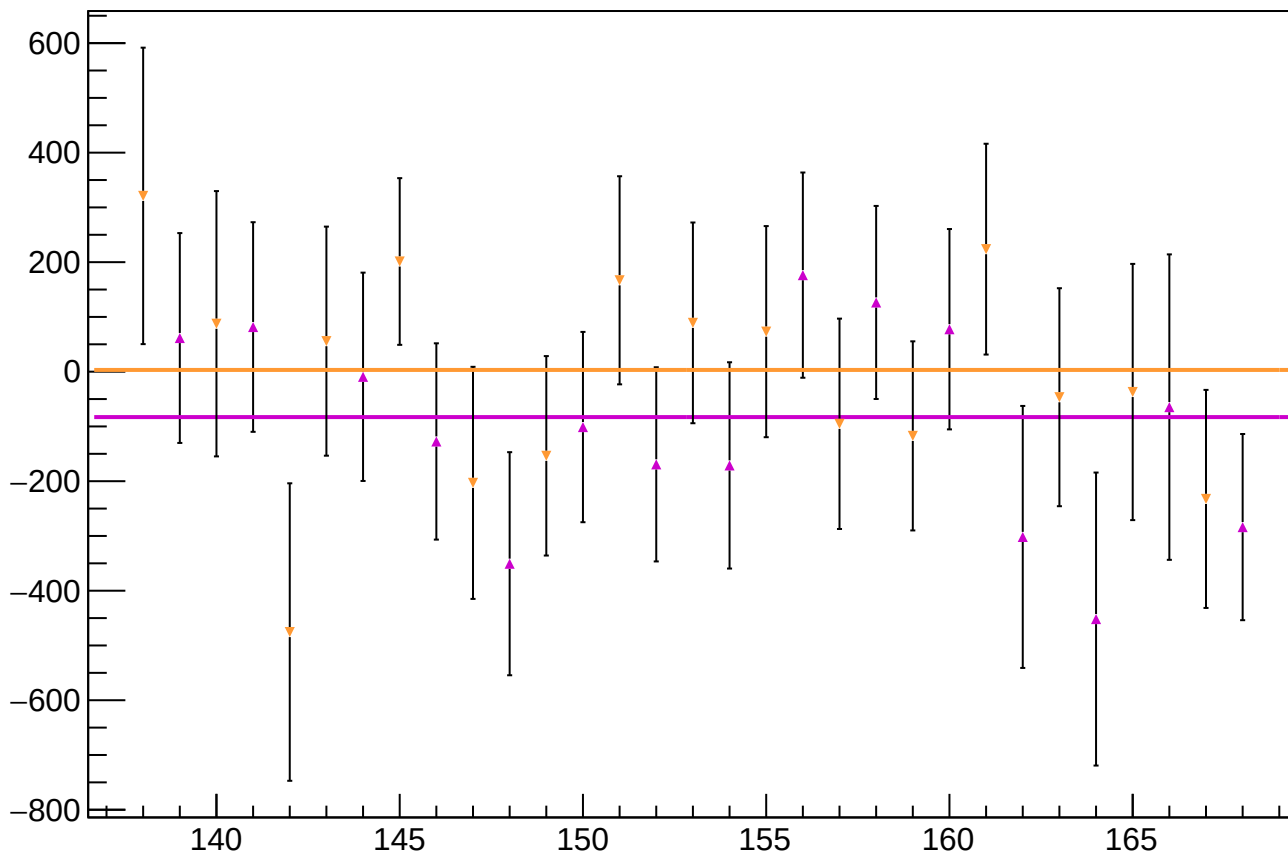
Left In: 590.503+/-0.125 χ^2/NDF :1099705.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 598.195+/-0.089 χ^2/NDF : 2296128.1/30

- 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: 3.186 $\pm$ 49.789 χ^2 /NDF:12.7/15

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

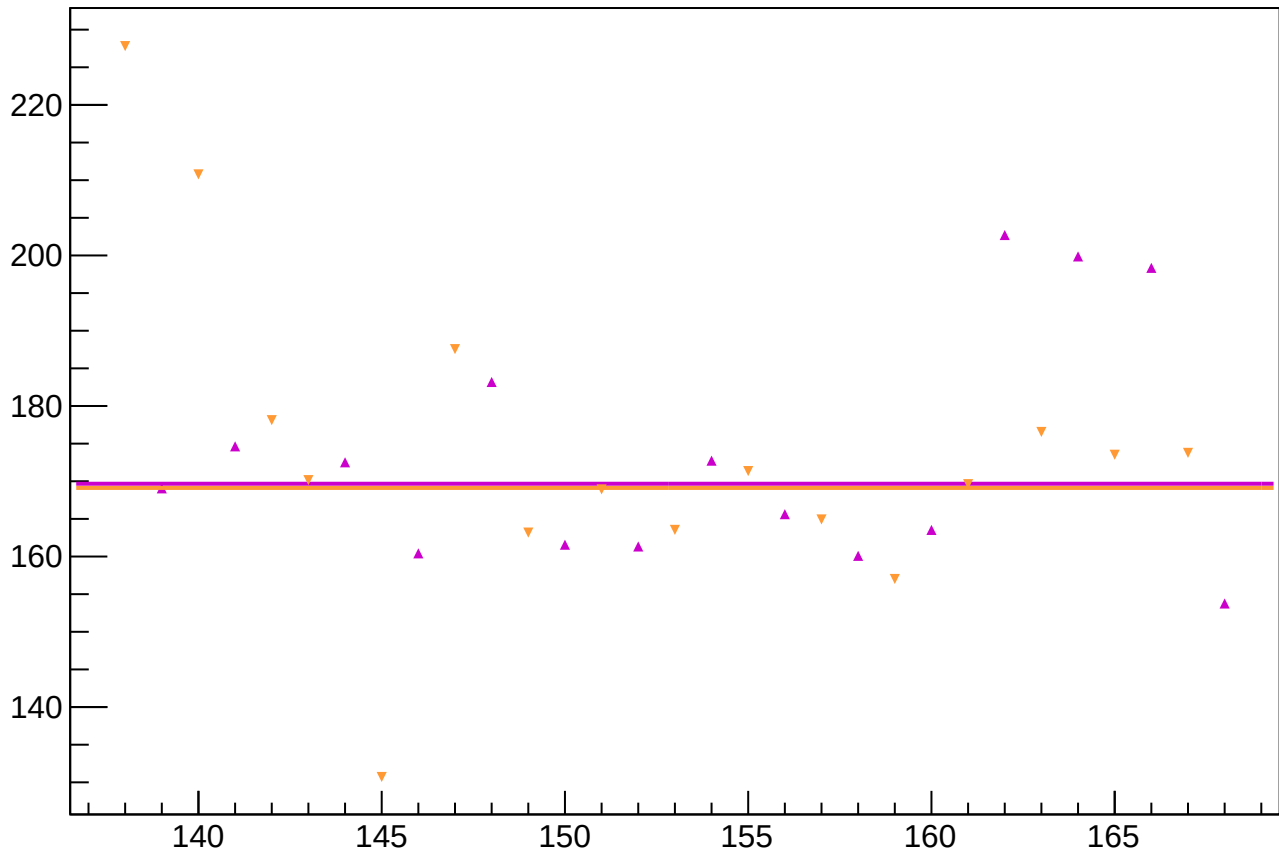
Left In: -82.921 $\pm$ 50.005 χ^2 /NDF:11.9/14

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

All: -39.681 $\pm$ 35.282 χ^2 /NDF: 26.1/30

- 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: 169.113+/-0.035 χ^2/NDF : 317488.7/15

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

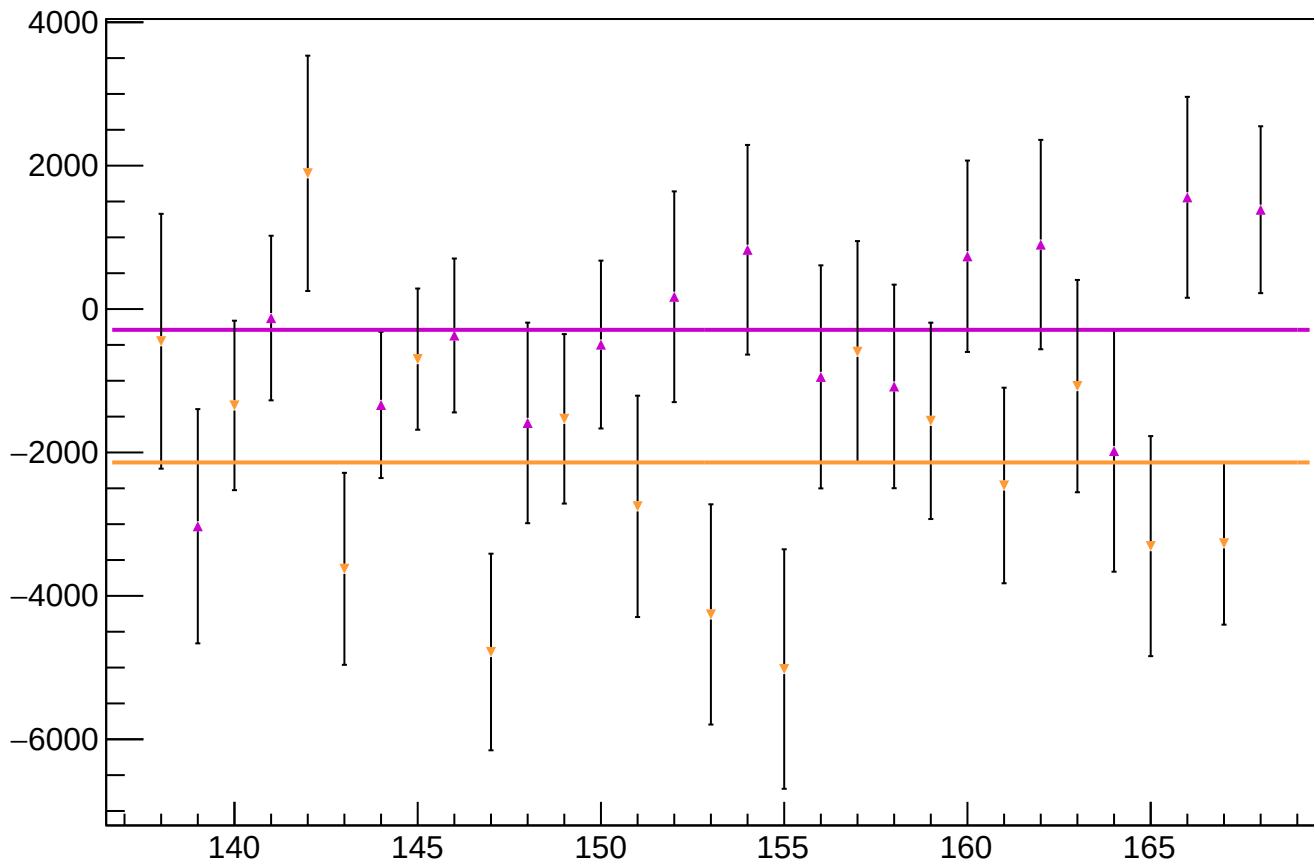
Left In: 169.670+/-0.035 χ^2/NDF : 136632.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.390+/-0.025 χ^2/NDF : 454245.9/30

- 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: -2139.493+/-341.155 χ^2/NDF : 23.1/15

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

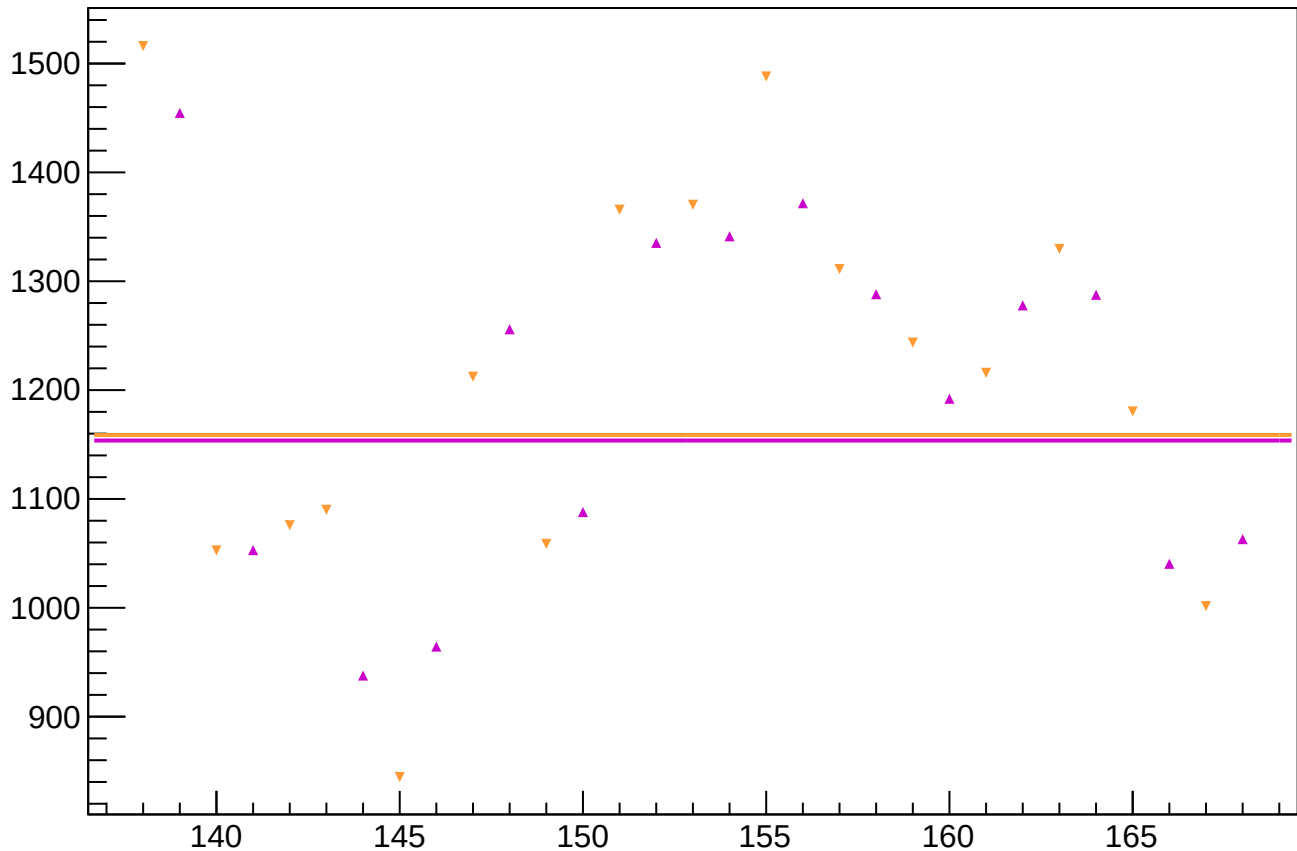
Left In: -289.853+/-339.496 χ^2/NDF : 12.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1210.165+/-240.644 χ^2/NDF : 49.9/30

- 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: 1158.800+/-0.241 χ^2/NDF : 576246.8/15

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

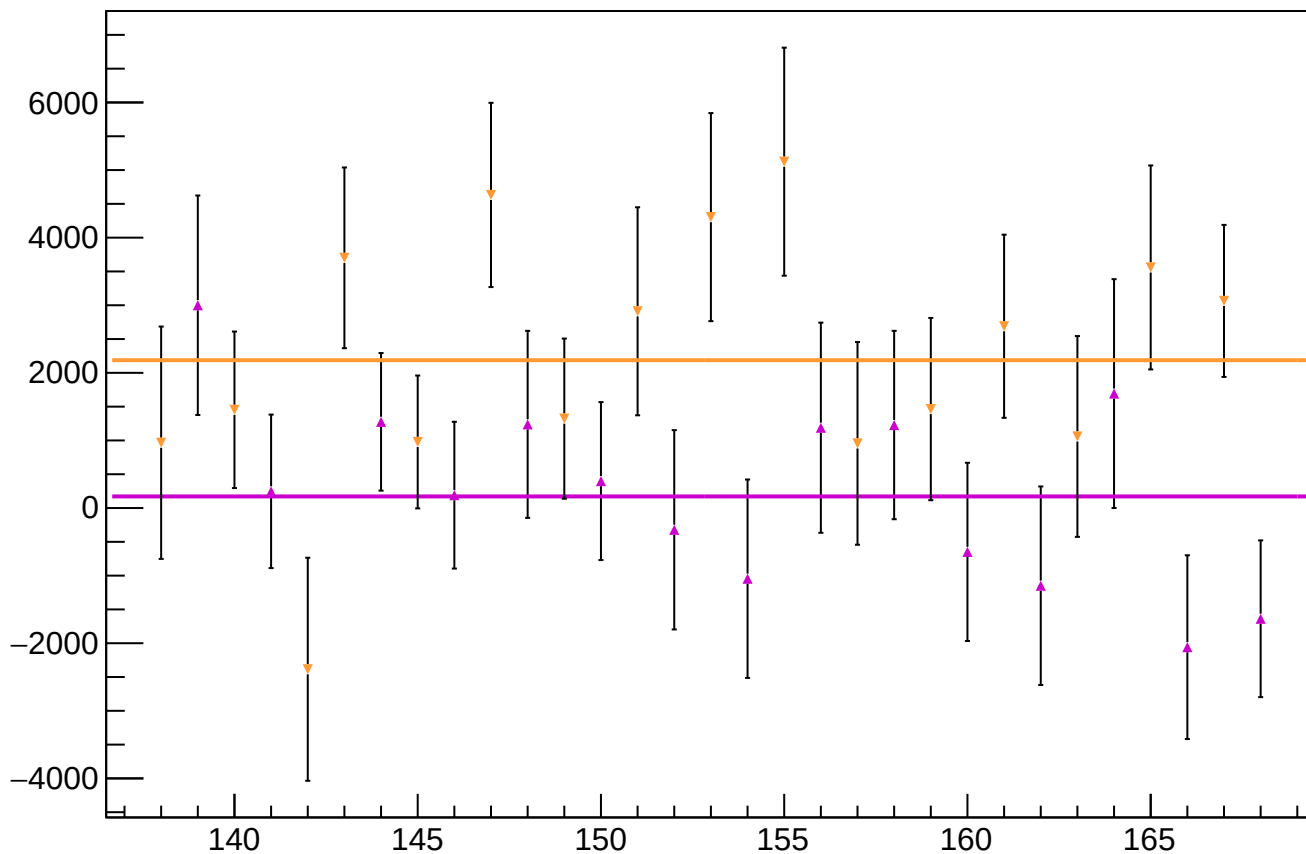
Left In: 1153.663+/-0.240 χ^2/NDF : 426712.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.219+/-0.170 χ^2/NDF : 1003186.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_mean vs Slug



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

Left Out: 2187.029+/-338.715 χ^2/NDF : 23.4/15

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

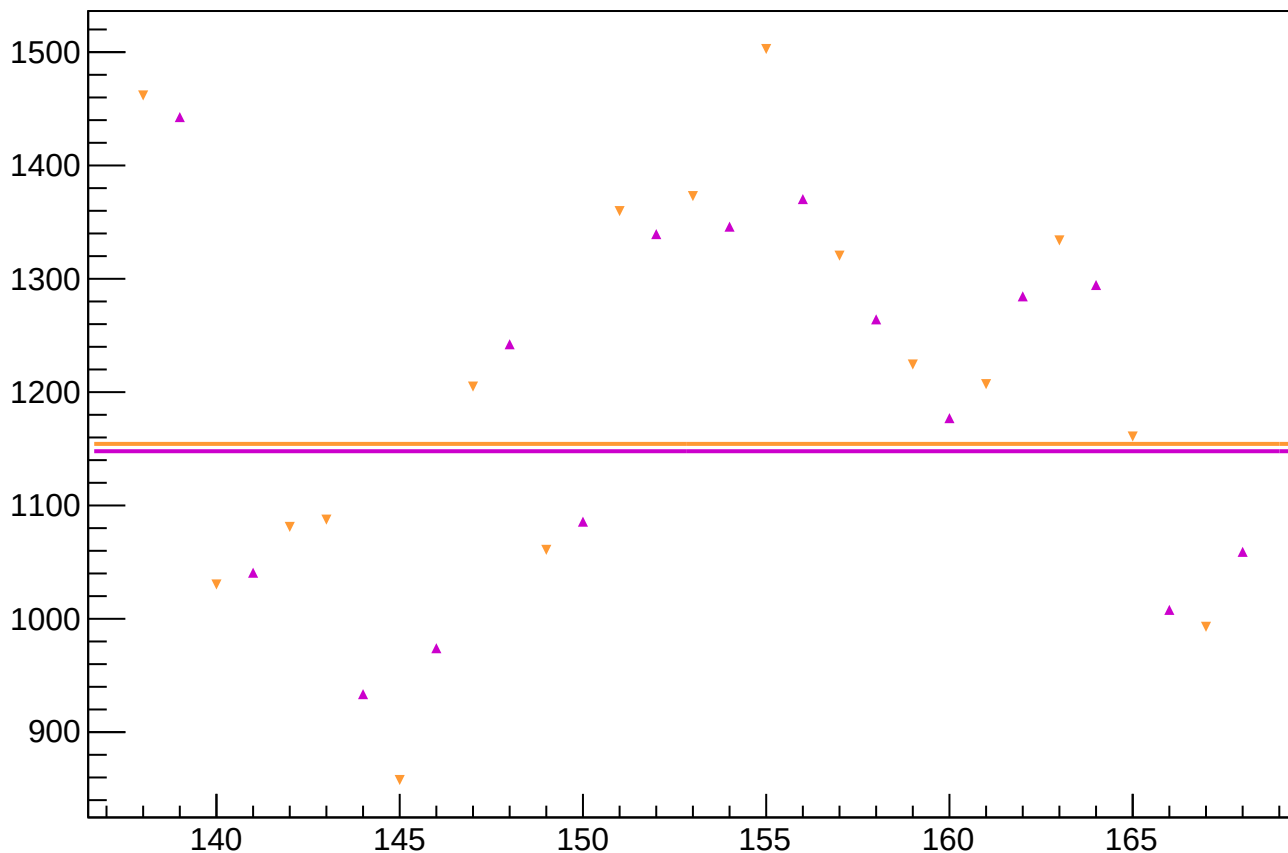
Left In: 171.738+/-338.070 χ^2/NDF : 13.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1177.464+/-239.279 χ^2/NDF : 54.9/30

- 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: 1154.336+/-0.240 χ^2/NDF : 557936.0/15

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

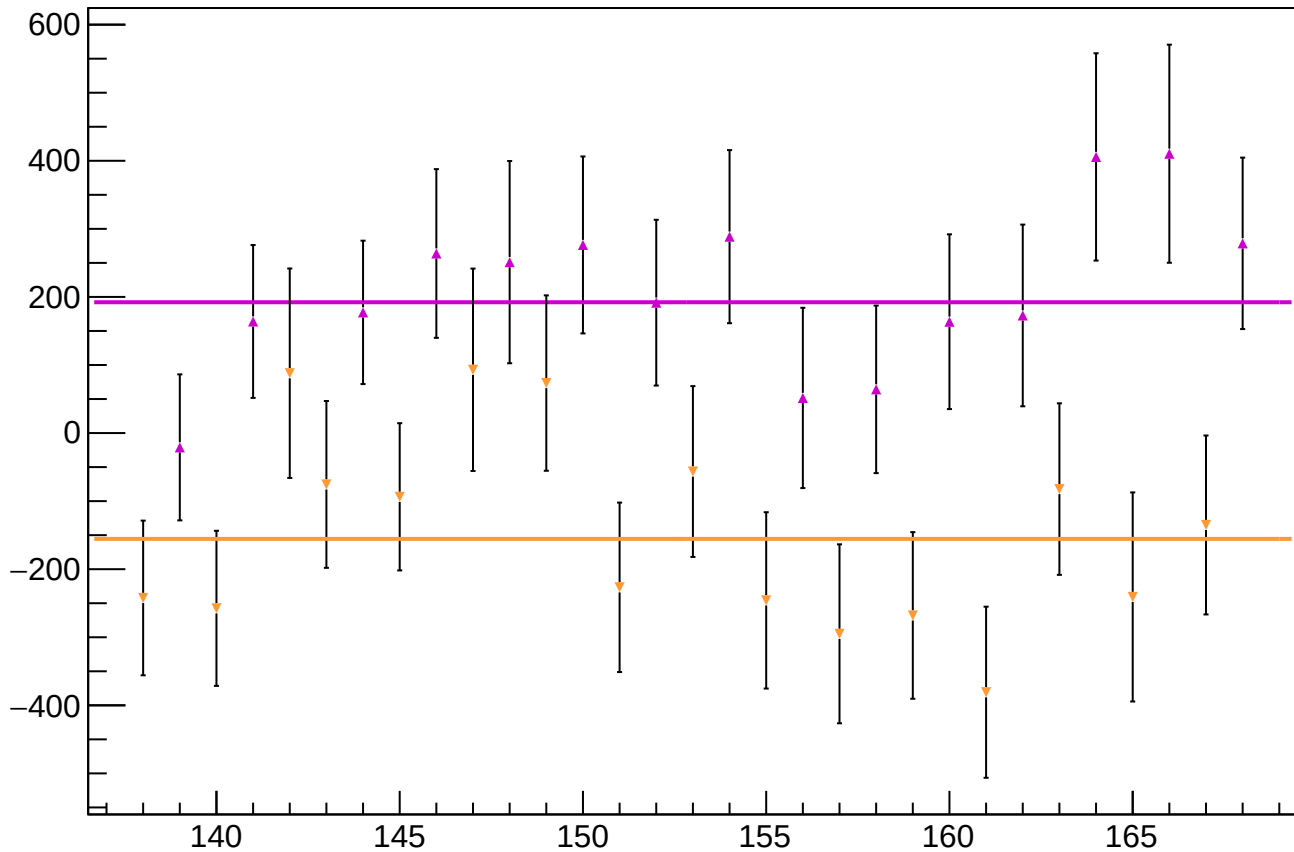
Left In: 1147.862+/-0.239 χ^2/NDF : 430054.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1151.093+/-0.169 χ^2/NDF : 988356.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -155.476+/-31.733 χ^2/NDF :17.9/15

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

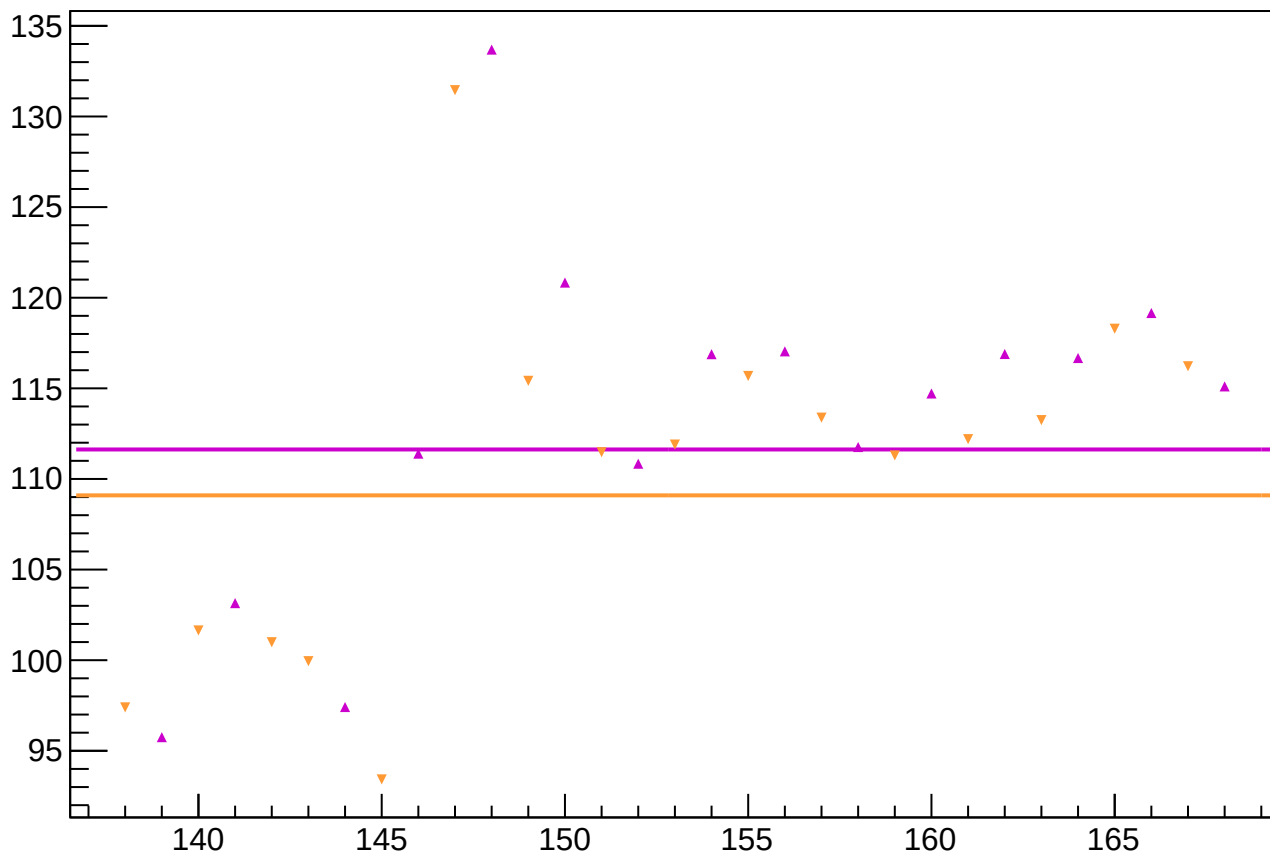
Left In: 192.173+/-32.612 χ^2/NDF :12.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.599+/-22.743 χ^2/NDF : 88.3/30

- 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: 109.095+/-0.022 χ^2/NDF :164617.8/15

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

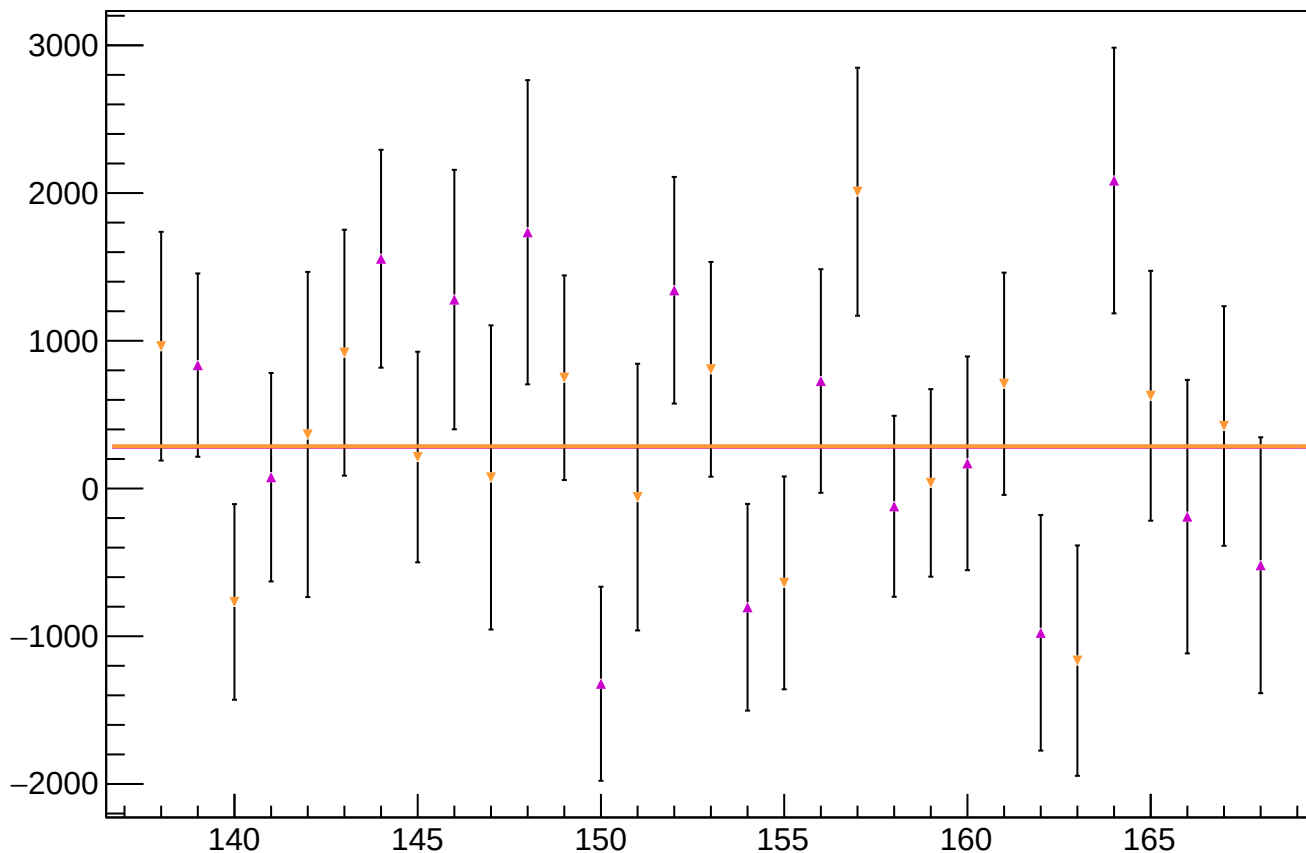
Left In: 111.627+/-0.023 χ^2/NDF :165059.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.326+/-0.016 χ^2/NDF : 335871.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_mean vs Slug



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

Left Out: 285.628+/-194.282 χ^2/NDF : 15.0/15

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

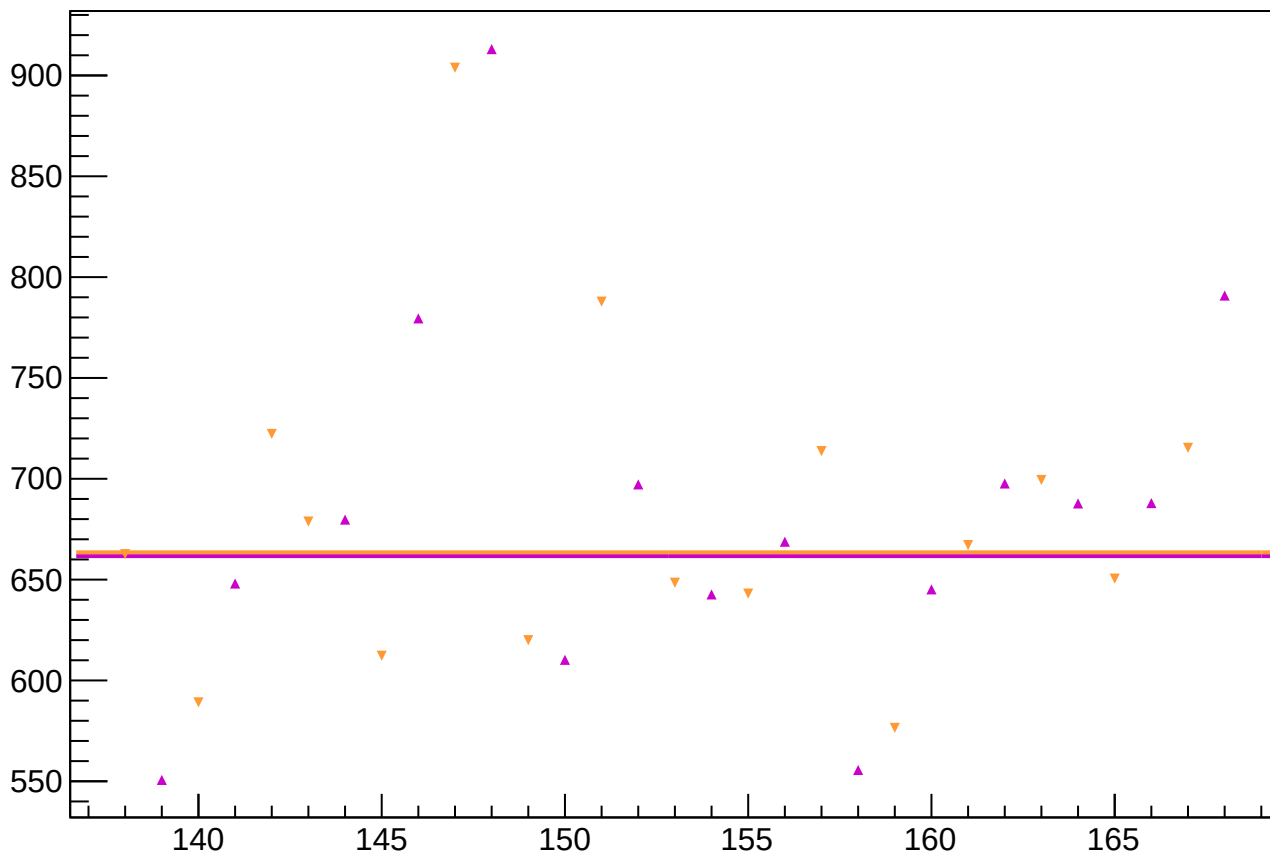
Left In: 282.706+/-194.701 χ^2/NDF : 25.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.170+/-137.526 χ^2/NDF : 40.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_rms vs Slug



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

Left Out: 663.536+/-0.137 χ^2/NDF : 256911.1/15

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

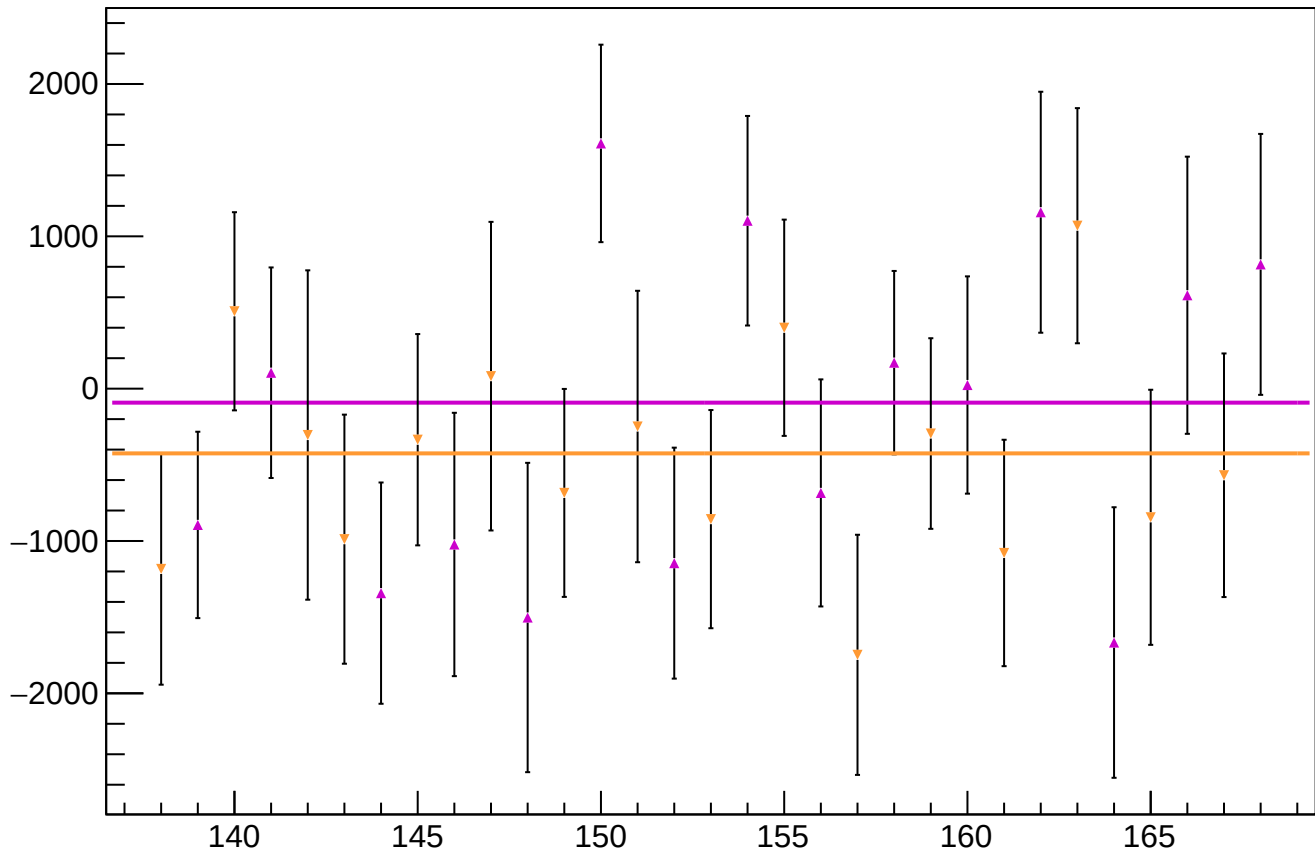
Left In: 661.665+/-0.138 χ^2/NDF : 352339.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.603+/-0.097 χ^2/NDF : 609343.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -424.884+/-190.746 χ^2/NDF :13.4/15

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

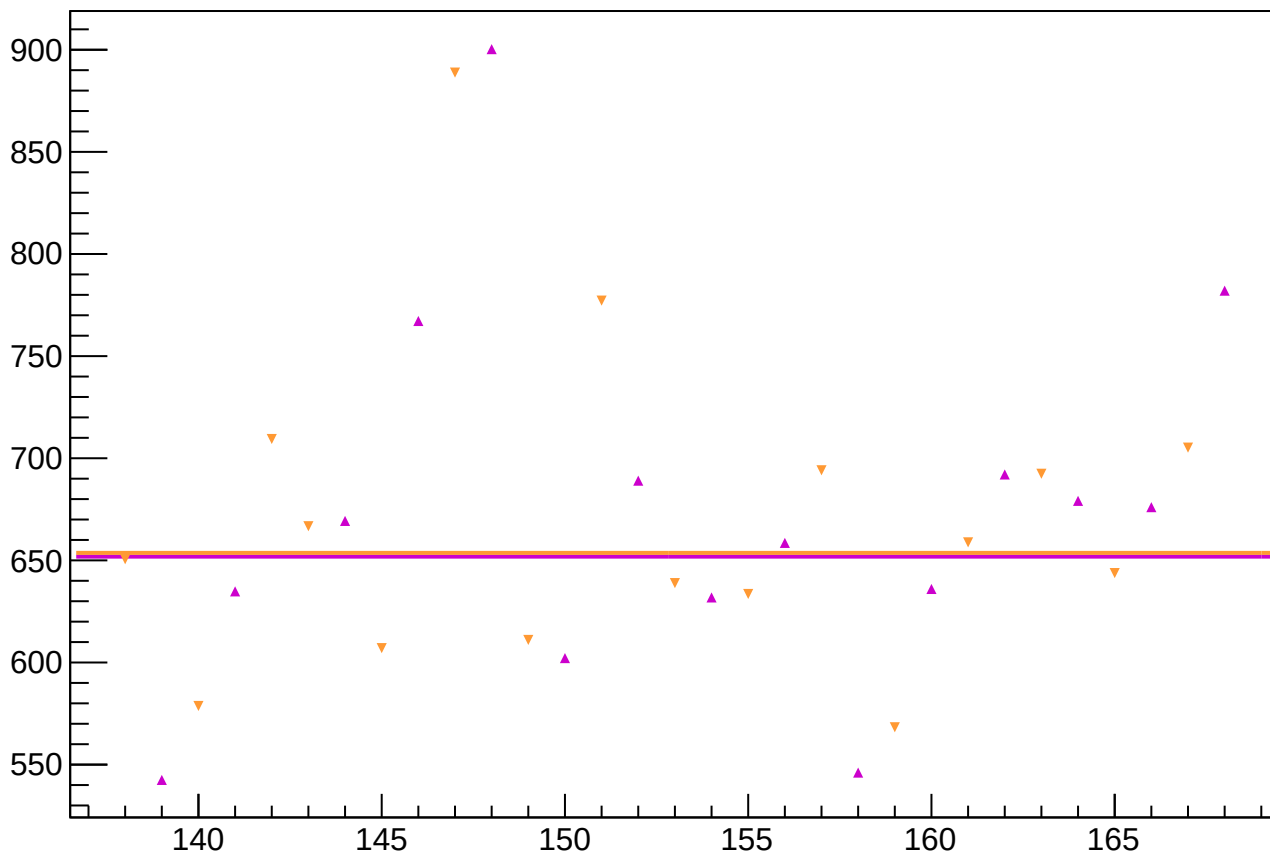
Left In: -91.881+/-191.859 χ^2/NDF :27.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -259.351+/-135.270 χ^2/NDF : 42.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_rms vs Slug



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

Left Out: 653.672+/-0.135 χ^2/NDF : 254175.7/15

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

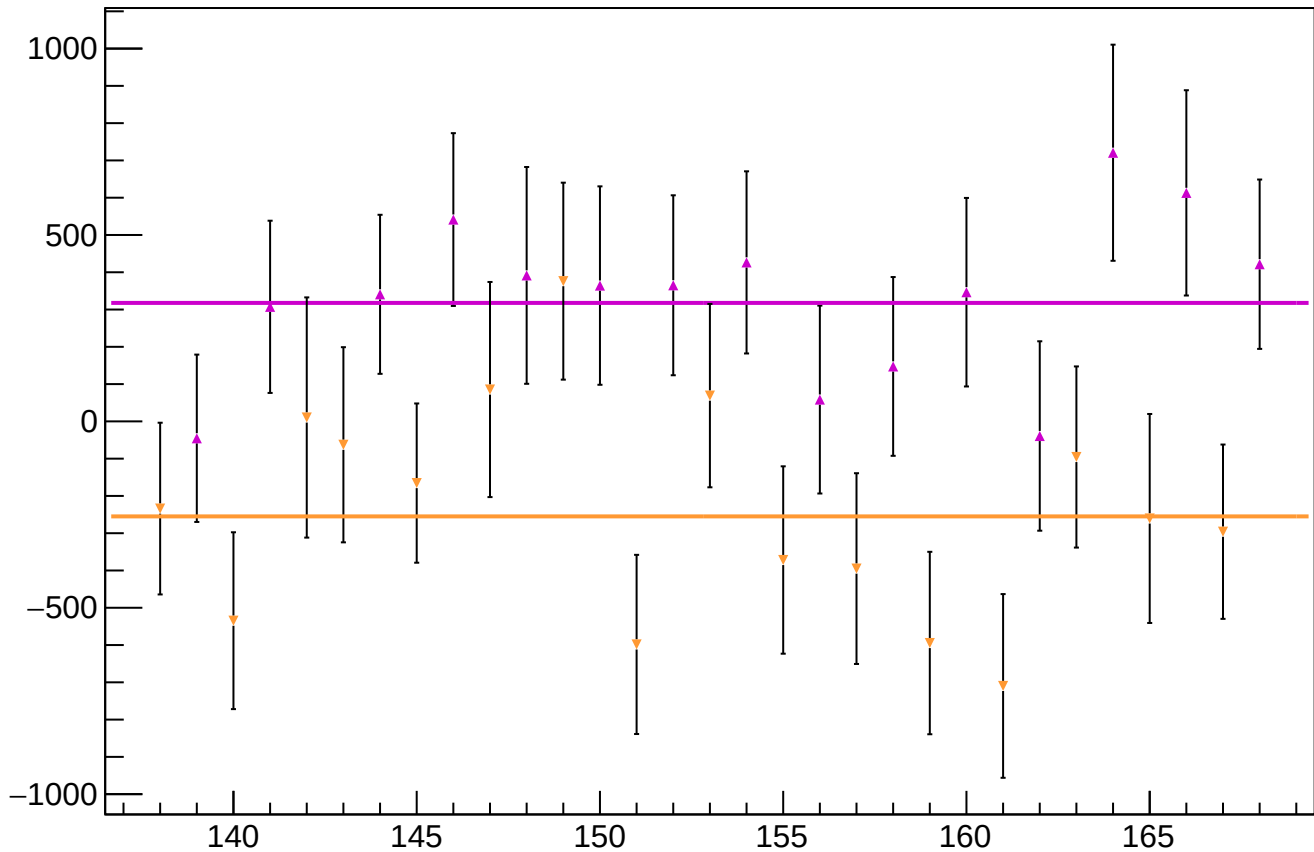
Left In: 651.838+/-0.136 χ^2/NDF : 357454.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.760+/-0.096 χ^2/NDF : 611721.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -254.894 $\pm$ 62.599 χ^2 /NDF:20.0/15

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

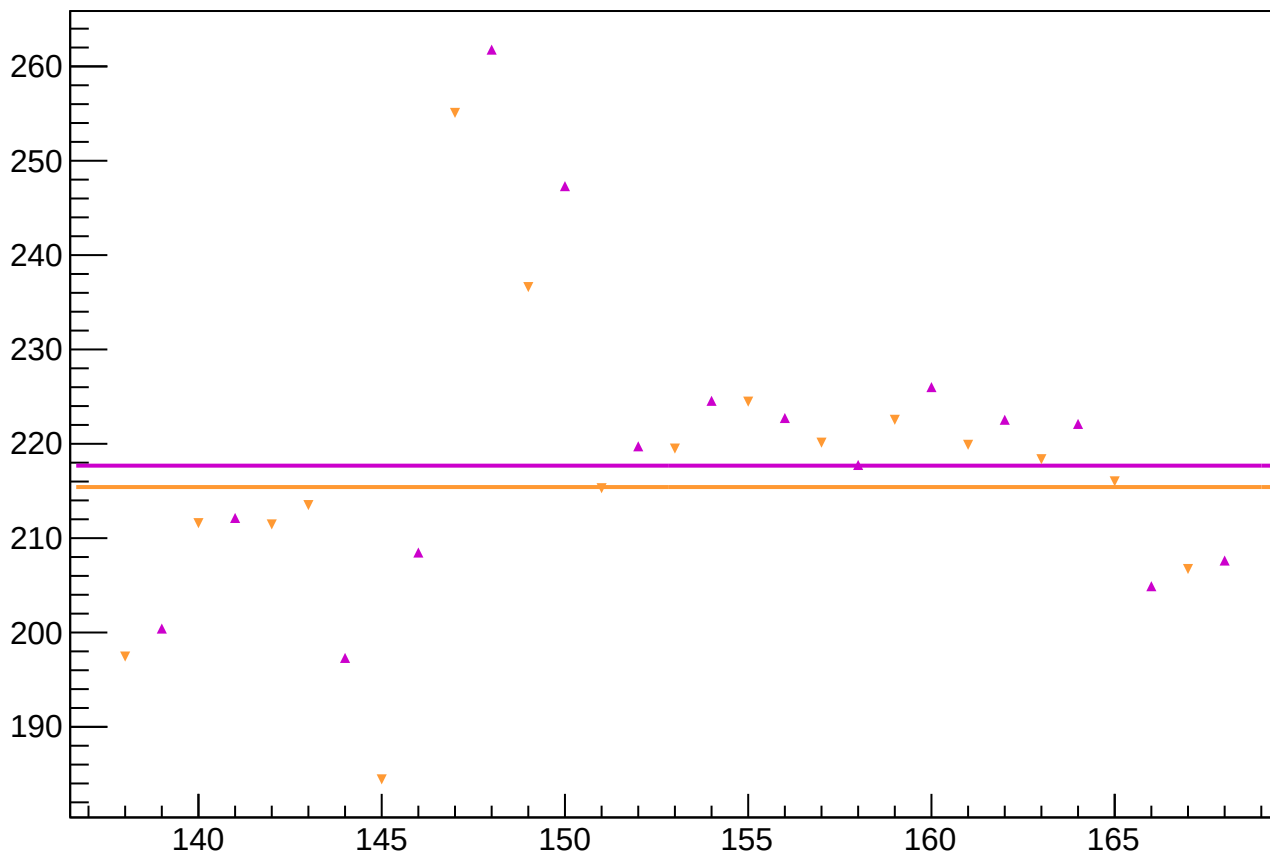
Left In: 317.786 $\pm$ 63.528 χ^2 /NDF:10.7/14

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

All: 27.227 $\pm$ 44.589 χ^2 /NDF: 71.9/30

- sign 0.000 $\pm$ 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: 215.416+/-0.044 χ^2/NDF : 115071.9/15

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

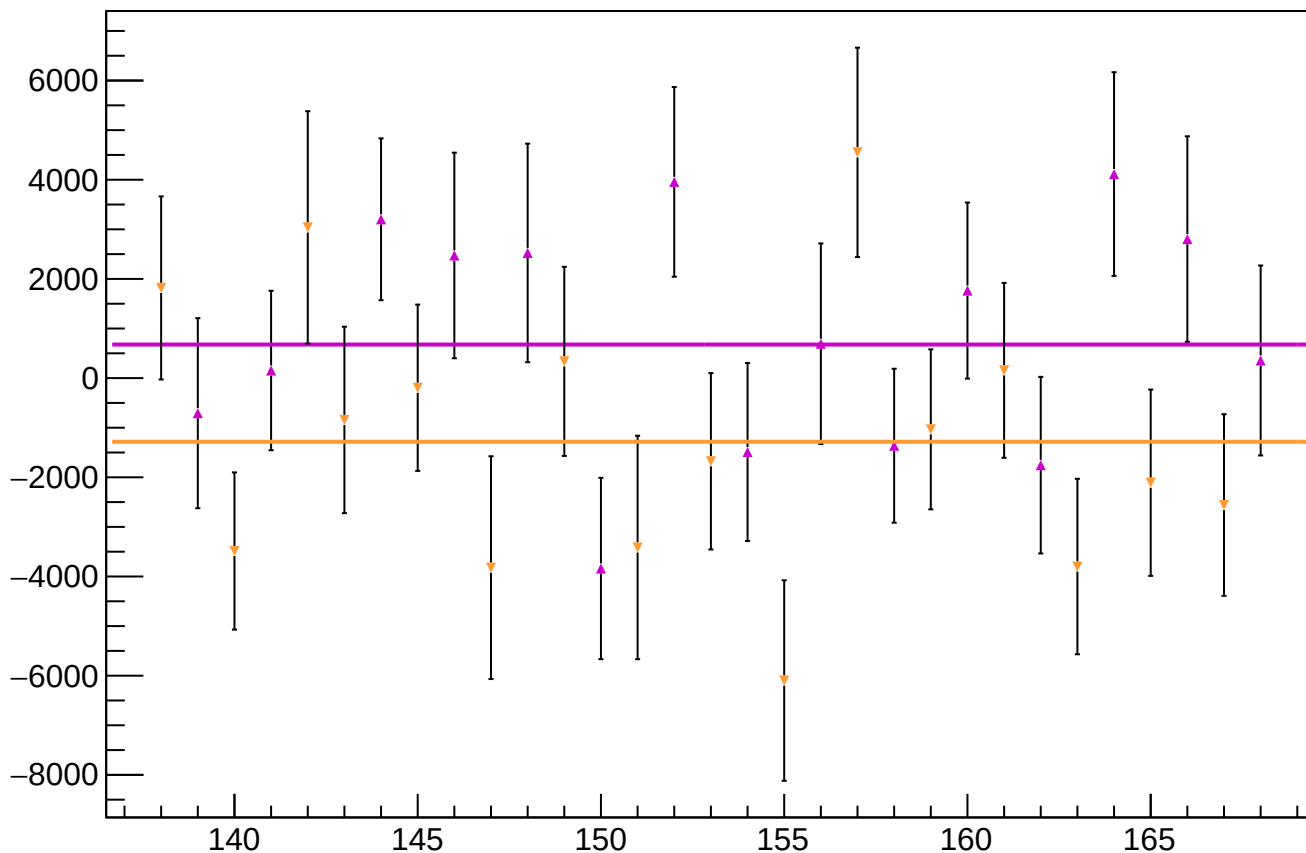
Left In: 217.685+/-0.045 χ^2/NDF : 119282.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.534+/-0.032 χ^2/NDF : 235647.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_mean vs Slug



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

Left Out: -1282.844 $\pm$ 467.523 χ^2 /NDF:28.3/15

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

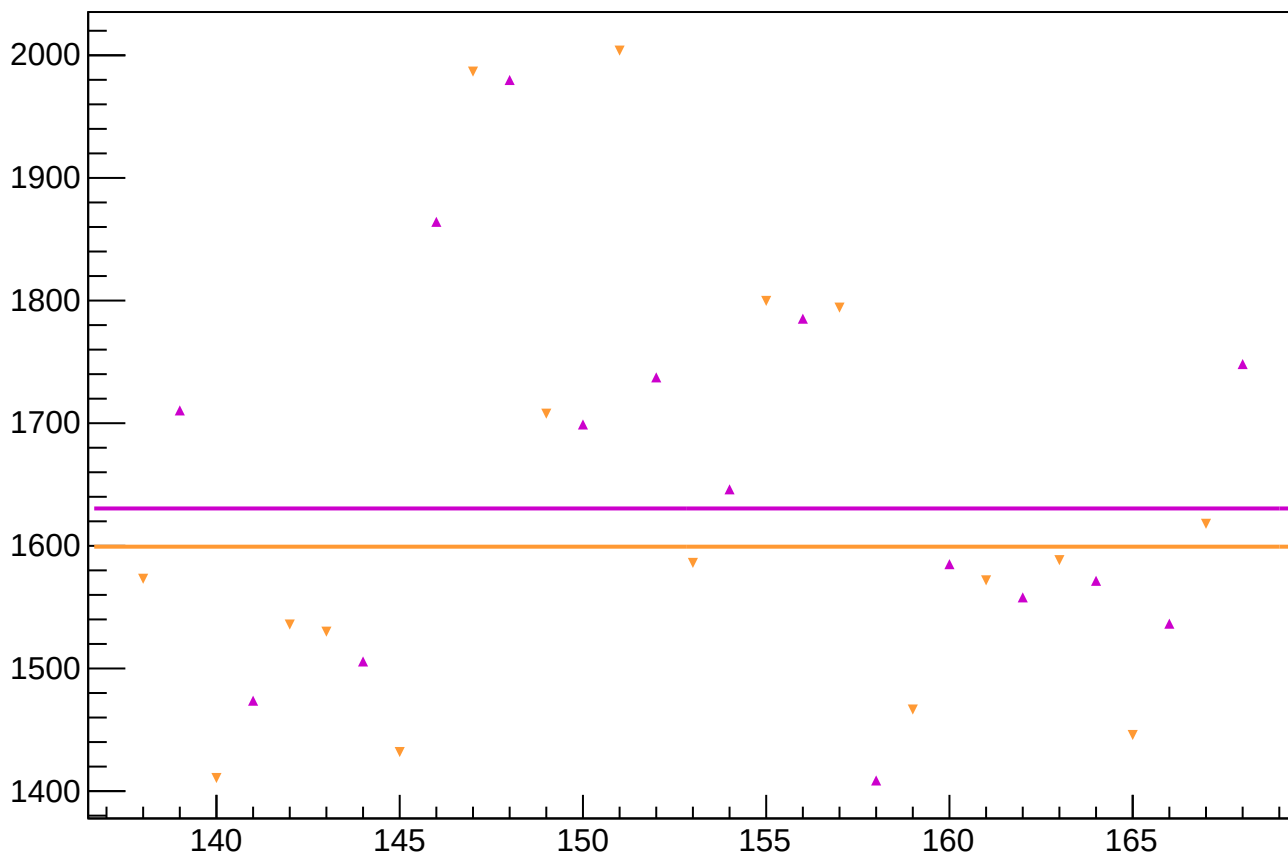
Left In: 676.732 $\pm$ 477.170 χ^2 /NDF:22.8/14

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

All: -323.064 $\pm$ 333.947 χ^2 /NDF: 59.7/30

- sign 0.000 $\pm$ 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: 1599.320+/-0.331 χ^2/NDF :247802.9/15

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

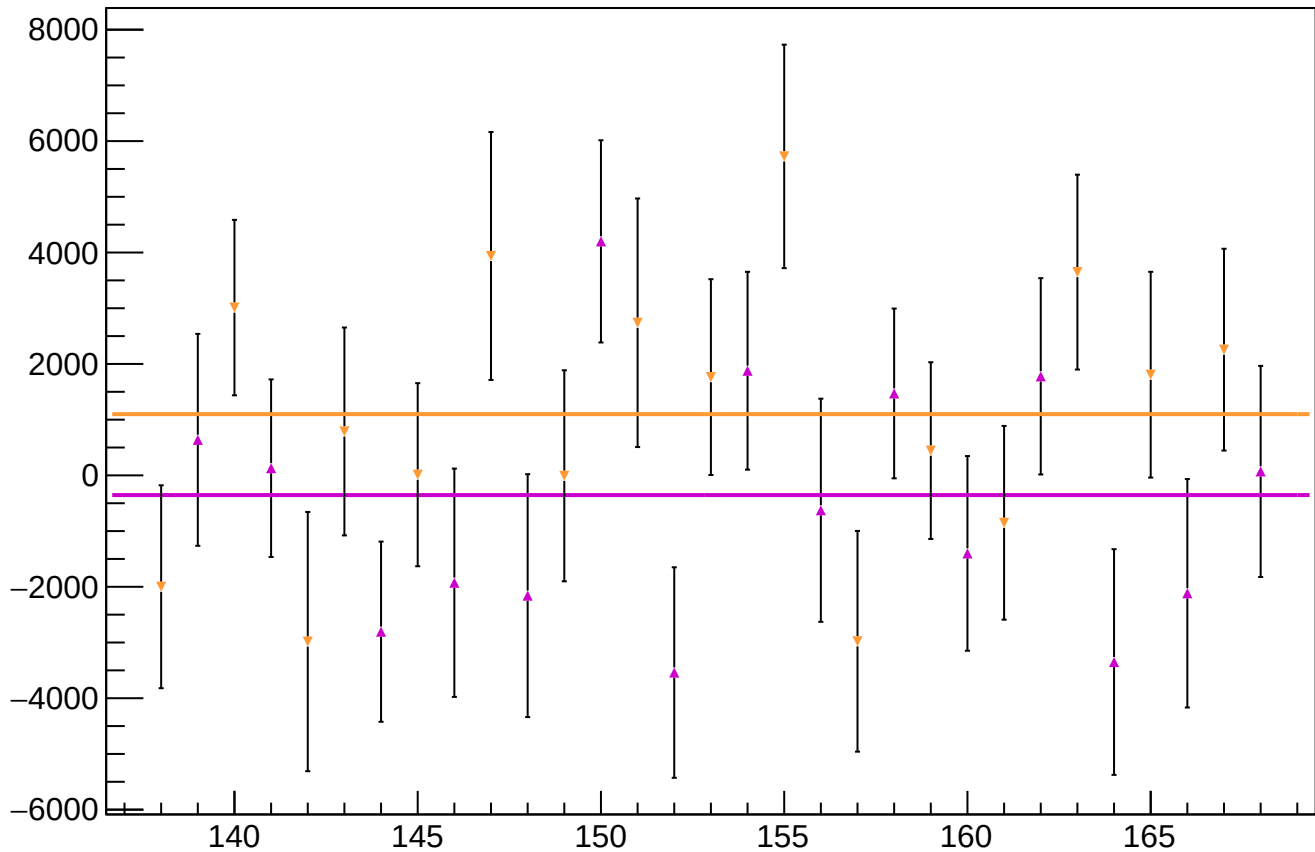
Left In: 1630.481+/-0.337 χ^2/NDF :189625.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1614.582+/-0.236 χ^2/NDF : 441780.3/30

- 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: 1099.135+/-460.828 χ^2/NDF :24.2/15

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

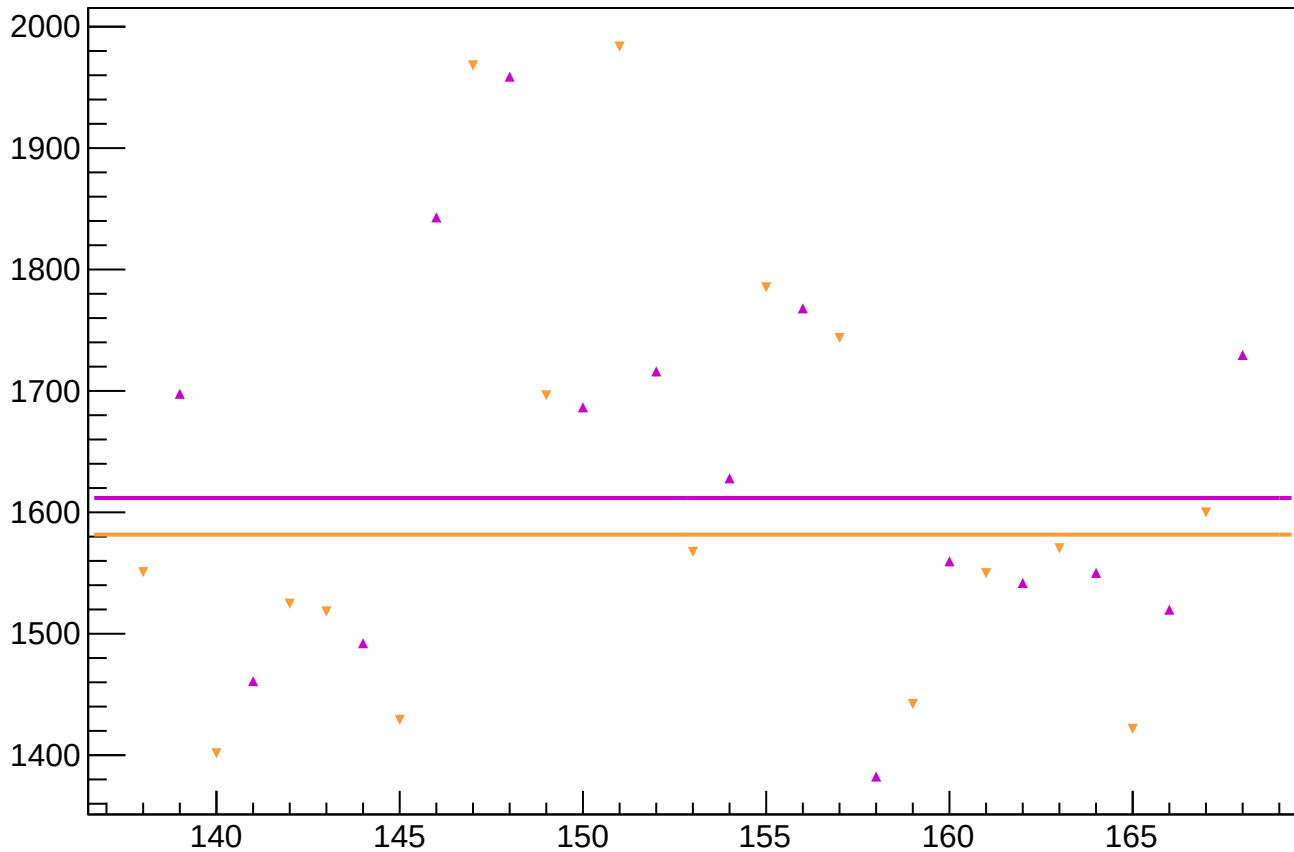
Left In: -353.668+/-471.807 χ^2/NDF :20.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.834+/-329.668 χ^2/NDF : 50.0/30

- 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: 1581.639+/-0.326 χ^2/NDF : 245674.4/15

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

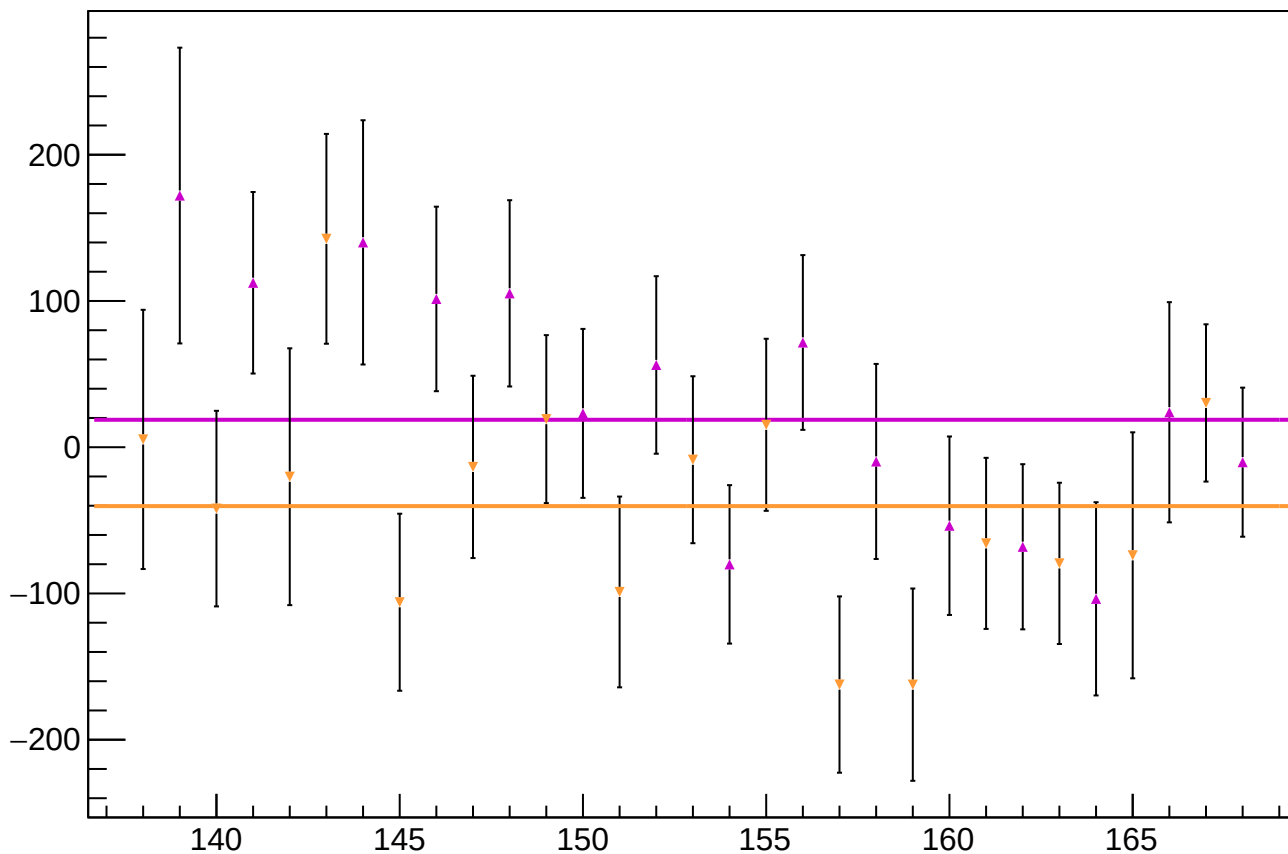
Left In: 1611.842+/-0.334 χ^2/NDF : 194765.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.385+/-0.233 χ^2/NDF : 444634.6/30

- 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: -40.263+/-15.902 χ^2/NDF : 21.4/15

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

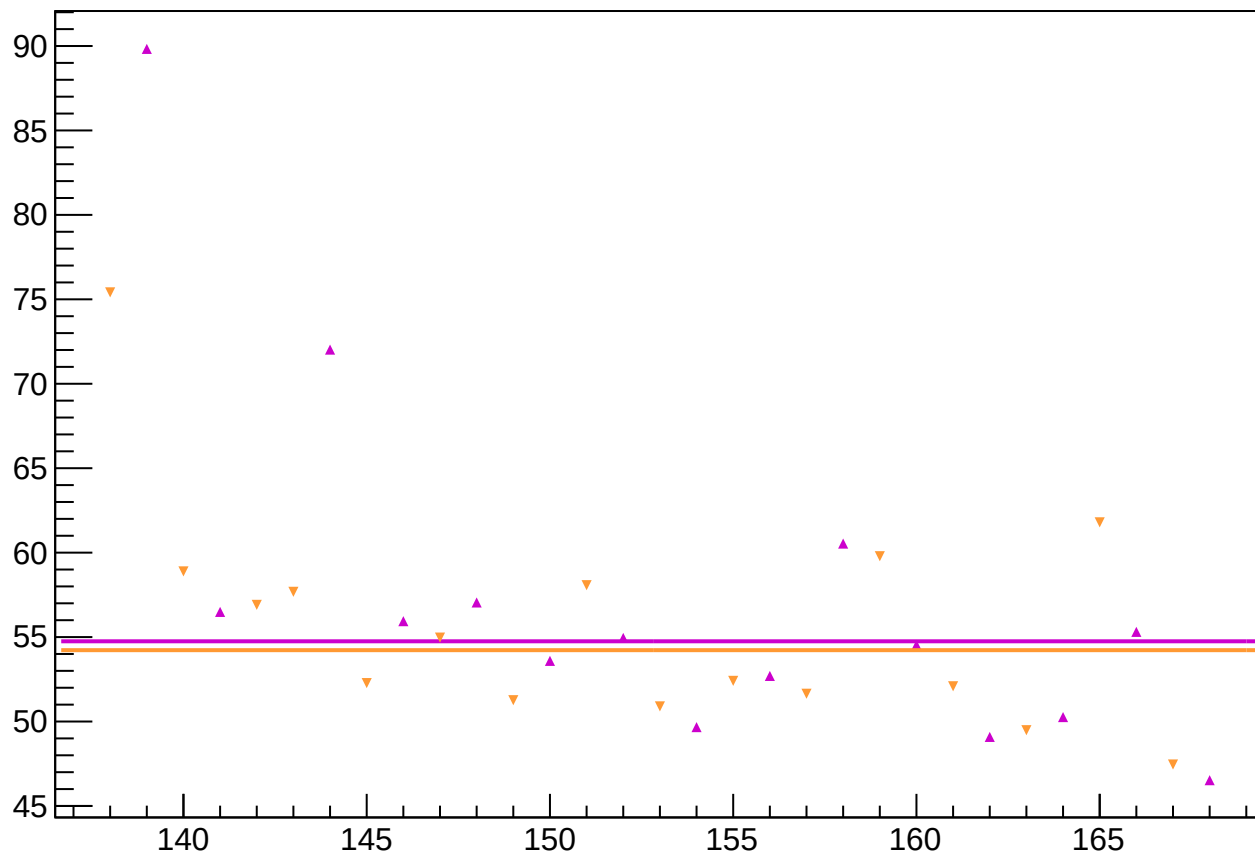
Left In: 18.760+/-16.247 χ^2/NDF : 22.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.385+/-11.364 χ^2/NDF : 50.6/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 54.225+/-0.011 χ^2/NDF : 237217.7/15

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

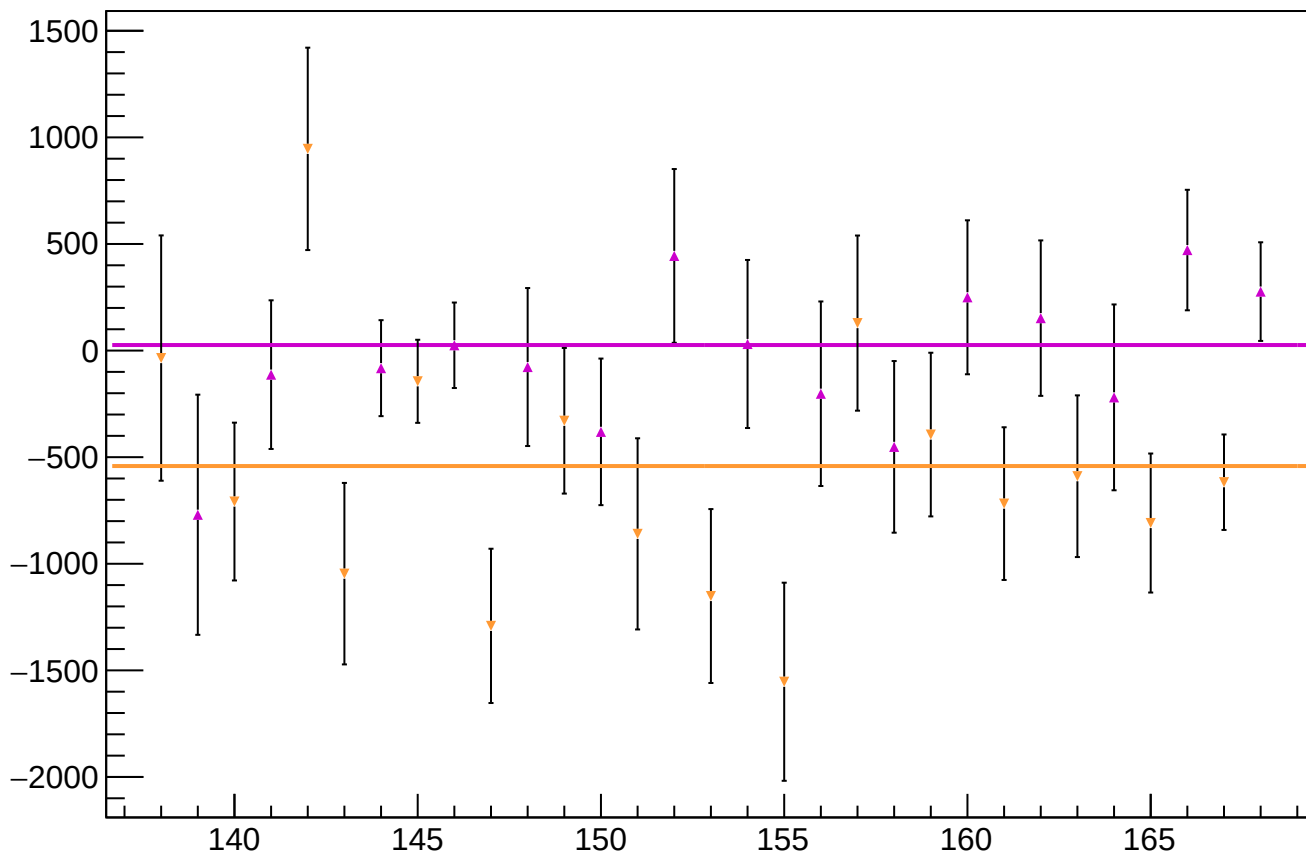
Left In: 54.751+/-0.011 χ^2/NDF : 448549.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.482+/-0.008 χ^2/NDF : 686834.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -541.603 $\pm$ 85.984 χ^2 /NDF:32.4/15

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

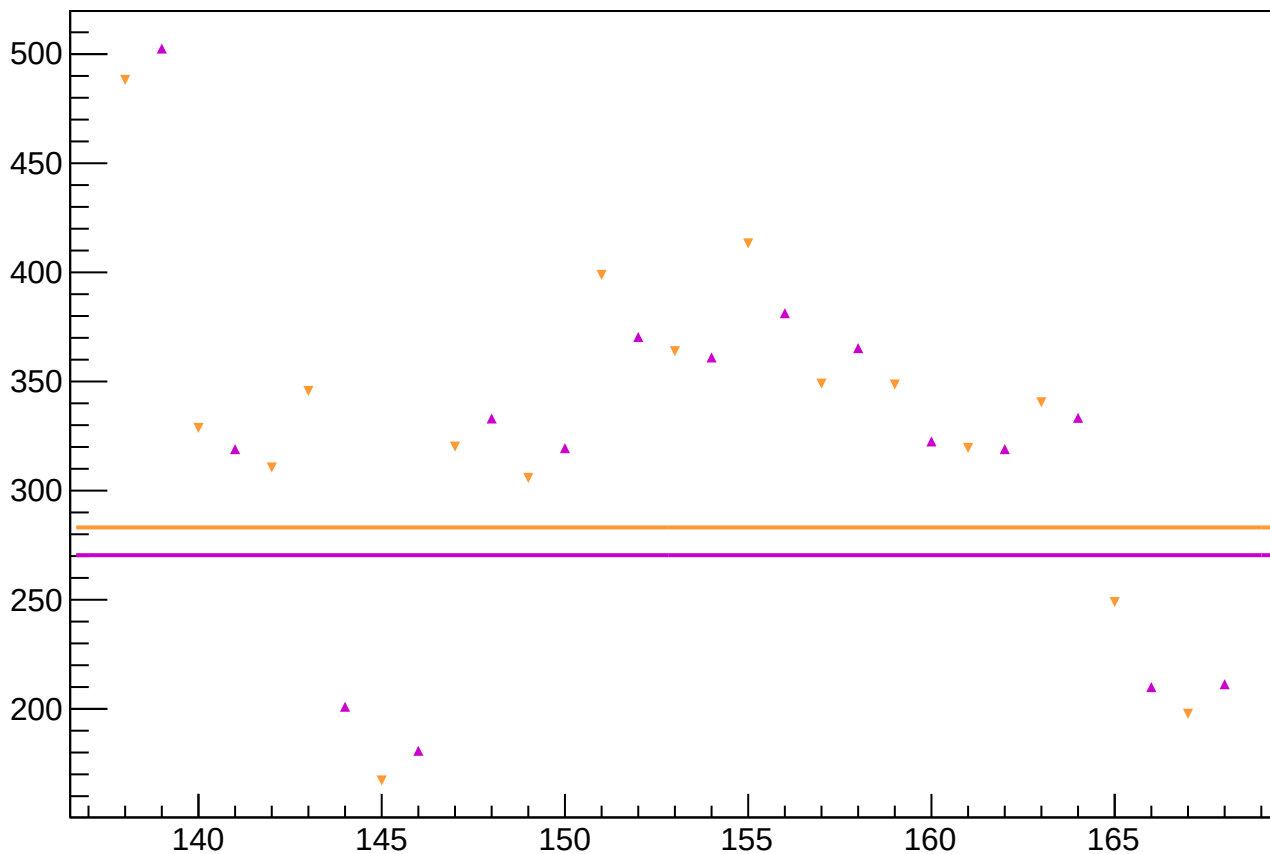
Left In: 25.974 $\pm$ 82.373 χ^2 /NDF:11.1/14

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

All: -245.649 $\pm$ 59.482 χ^2 /NDF: 66.2/30

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

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 283.131+/-0.061 χ^2/NDF :1929468.7/15

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

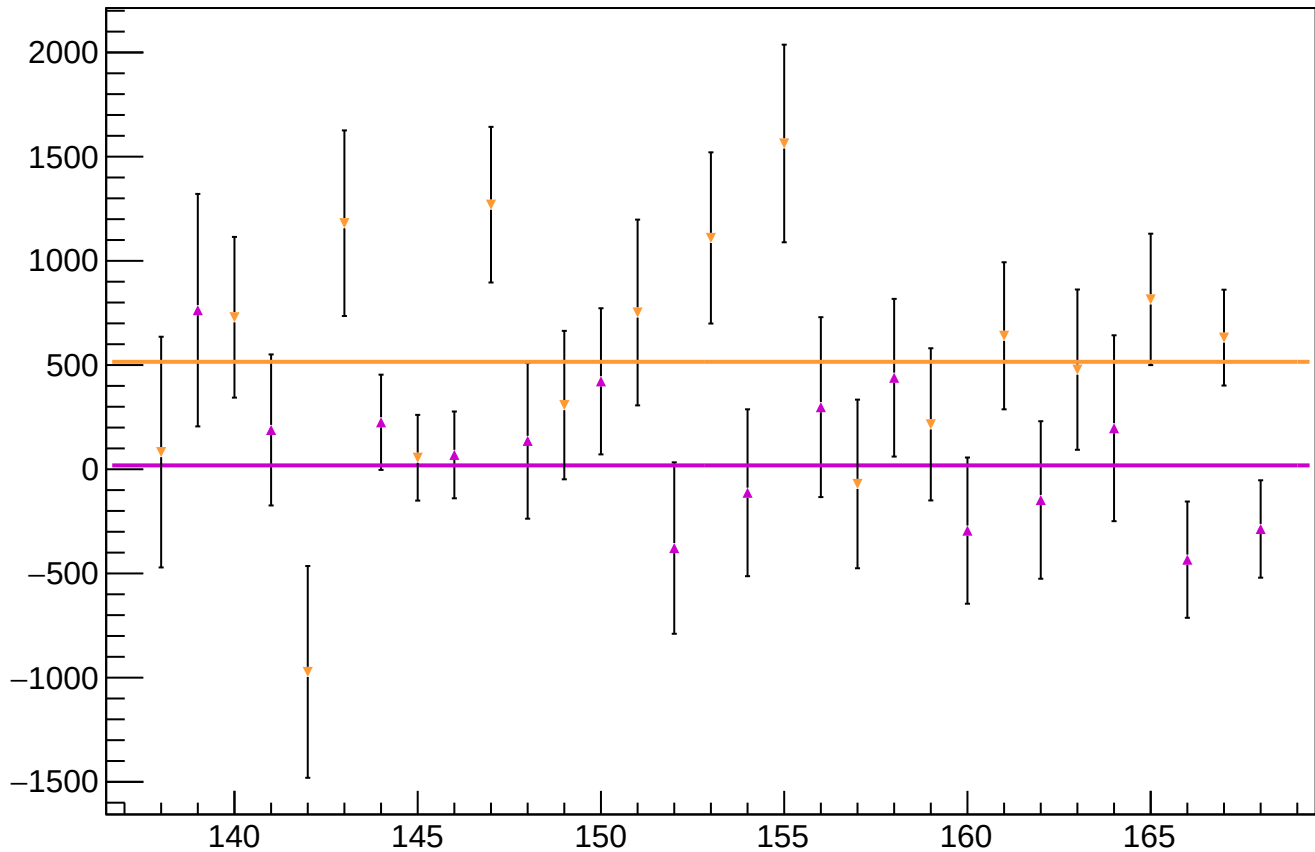
Left In: 270.426+/-0.058 χ^2/NDF :1875869.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.506+/-0.042 χ^2/NDF : 3828105.3/30

- 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: 515.580+/-87.574 χ^2/NDF : 32.5/15

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

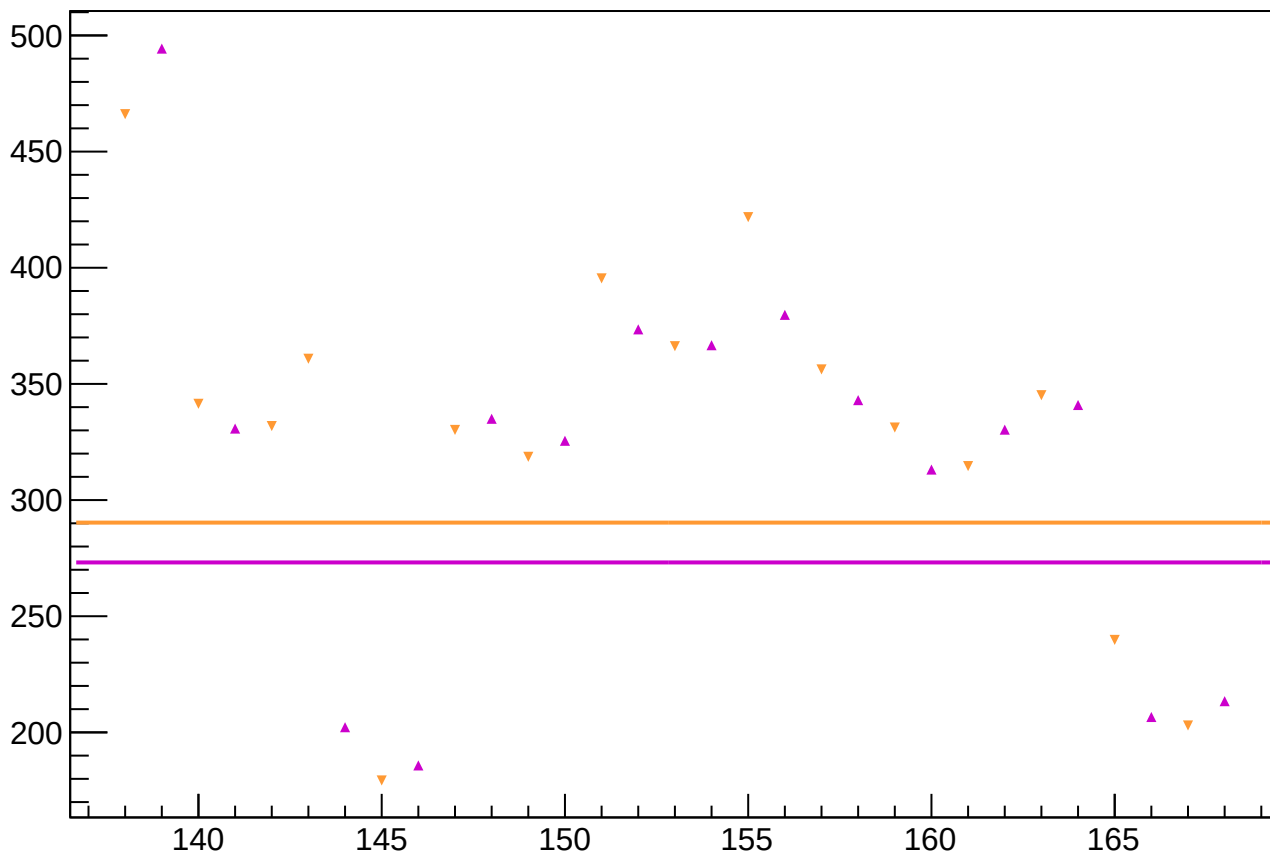
Left In: 18.551+/-83.283 χ^2/NDF : 12.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.592+/-60.350 χ^2/NDF : 61.9/30

- 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: 290.302+/-0.062 χ^2/NDF :1720113.1/15

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

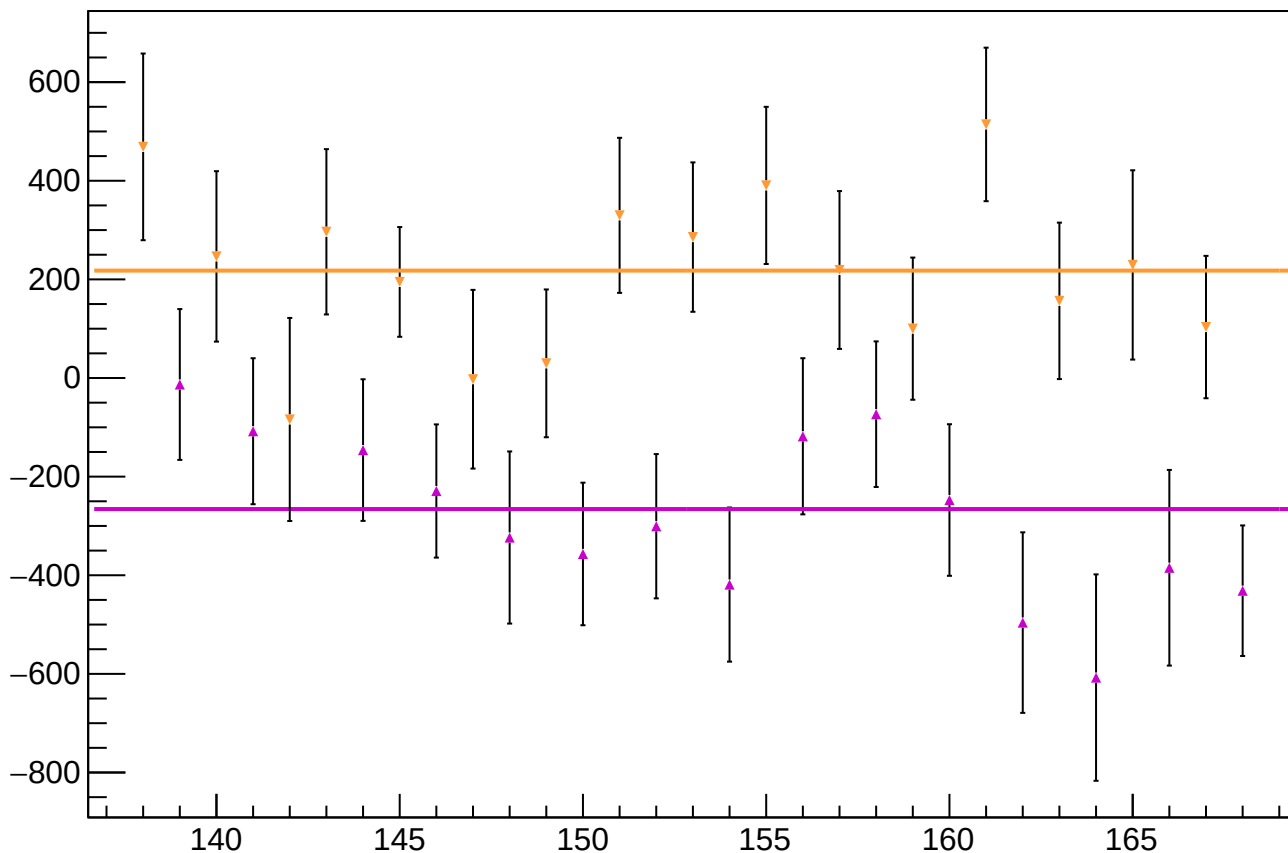
Left In: 273.154+/-0.059 χ^2/NDF :1789930.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.298+/-0.043 χ^2/NDF : 3550310.7/30

- 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: 217.818+/-39.435 χ^2/NDF :14.2/15

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

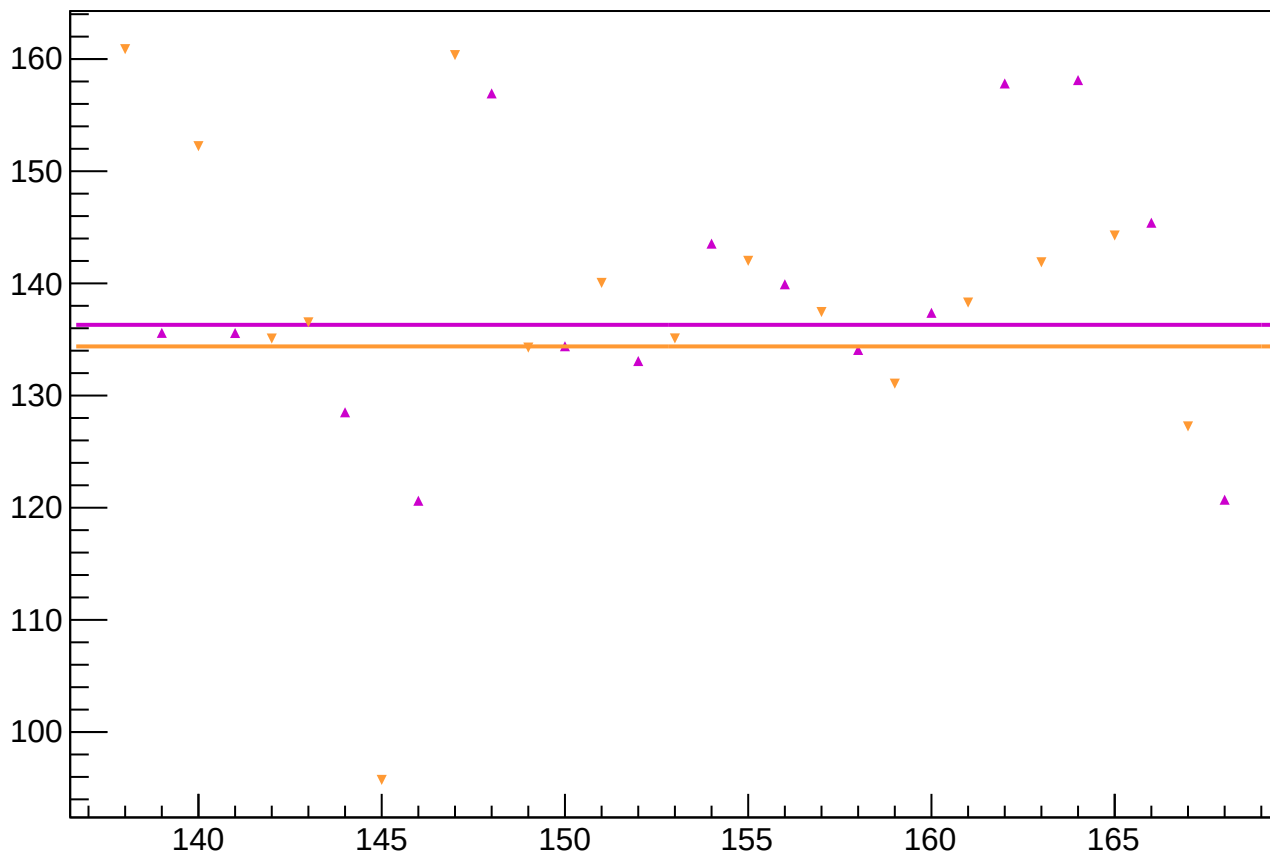
Left In: -265.744+/-40.055 χ^2/NDF :14.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.189+/-28.101 χ^2/NDF : 103.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 134.380+/-0.028 χ^2/NDF : 368248.2/15

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

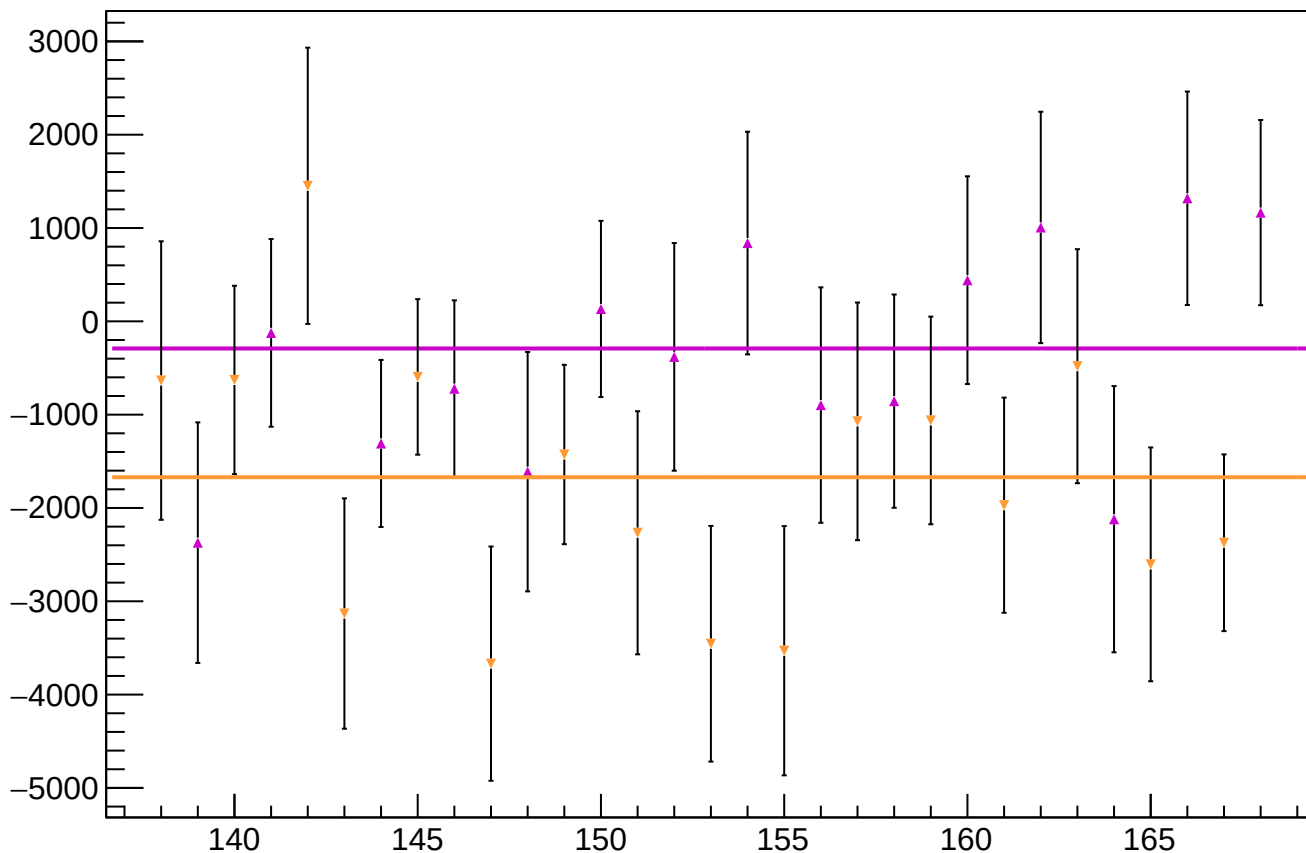
Left In: 136.304+/-0.028 χ^2/NDF : 149440.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.327+/-0.020 χ^2/NDF : 520032.5/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_mean vs Slug



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

Left Out: -1670.635 $\pm$ 288.158 χ^2 /NDF:18.4/15

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

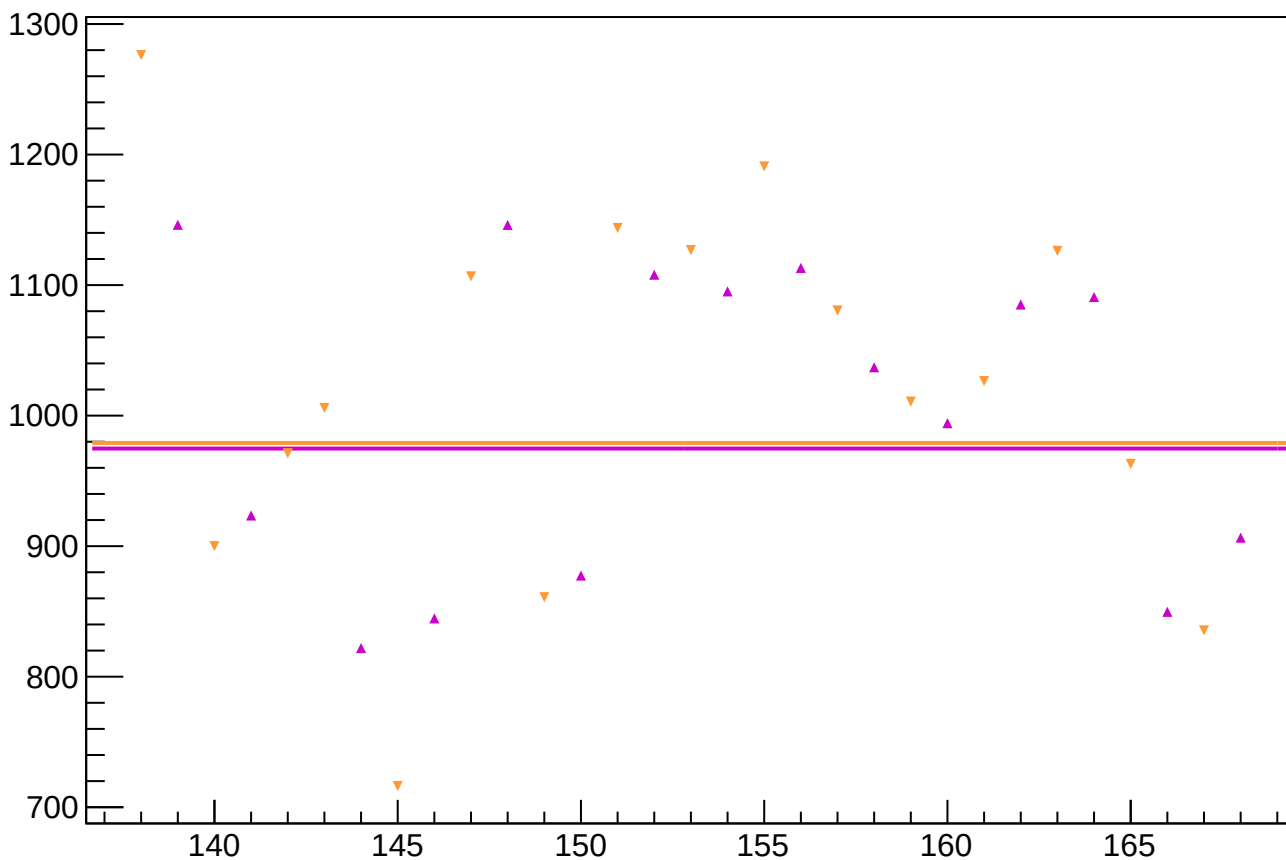
Left In: -291.034 $\pm$ 286.513 χ^2 /NDF:14.1/14

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

All: -976.884 $\pm$ 203.174 χ^2 /NDF: 44.0/30

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

asym_sam_48_dd_correction_rms vs Slug



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

Left Out: 979.070+/-0.204 χ^2/NDF : 543655.3/15

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

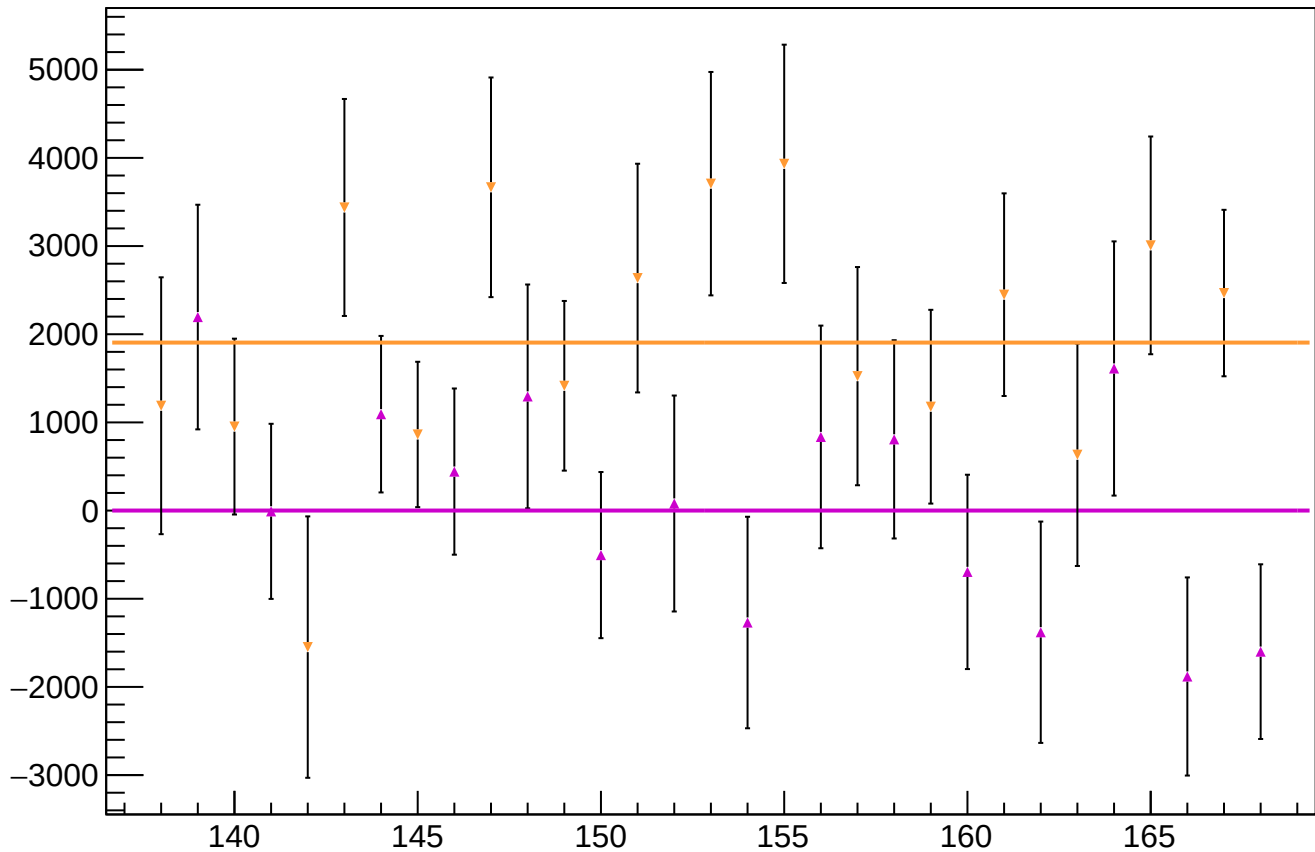
Left In: 974.778+/-0.203 χ^2/NDF : 330874.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 976.912+/-0.144 χ^2/NDF : 874753.3/30

- 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: 1905.304+/-286.315 χ^2/NDF : 19.5/15

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

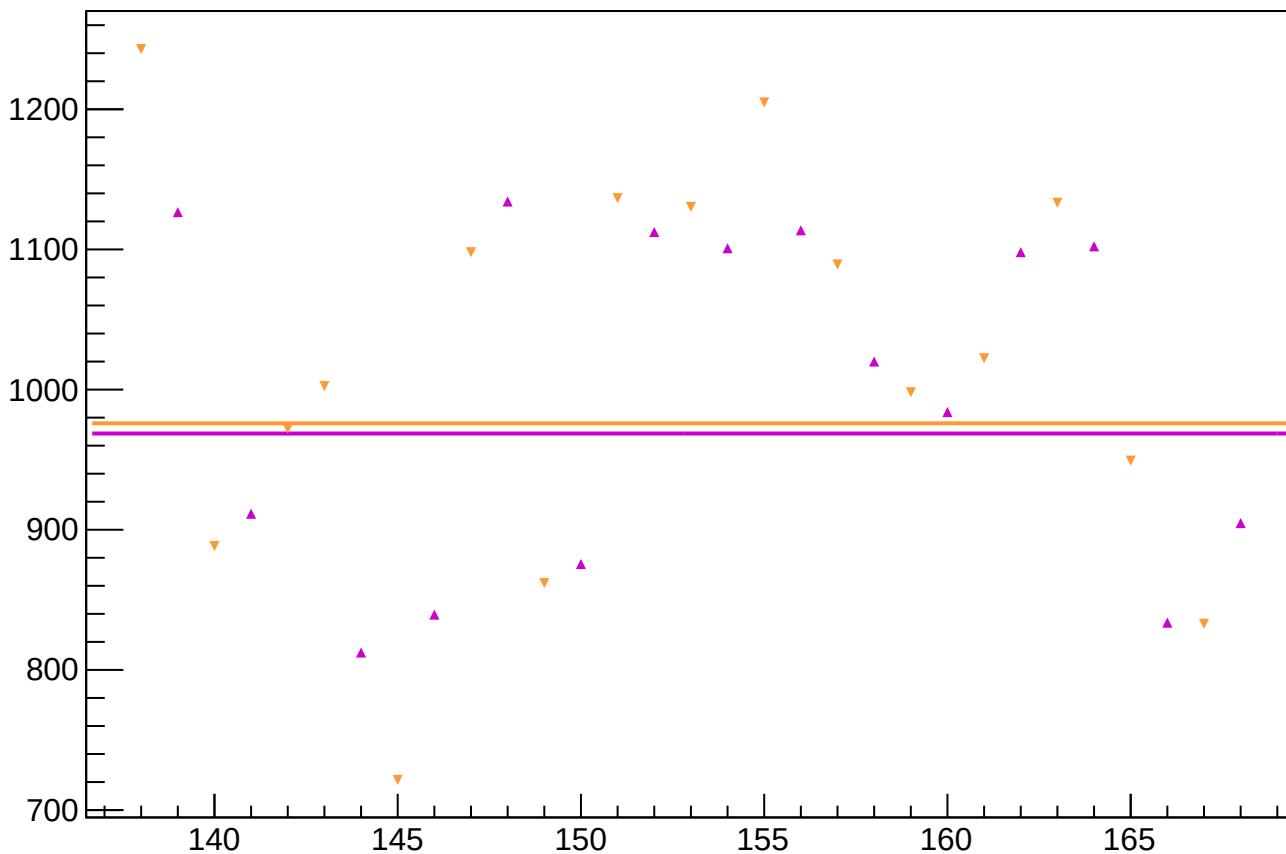
Left In: 0.354+/-285.094 χ^2/NDF : 16.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.759+/-202.022 χ^2/NDF : 58.1/30

- 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: 975.938+/-0.202 χ^2/NDF : 537977.8/15

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

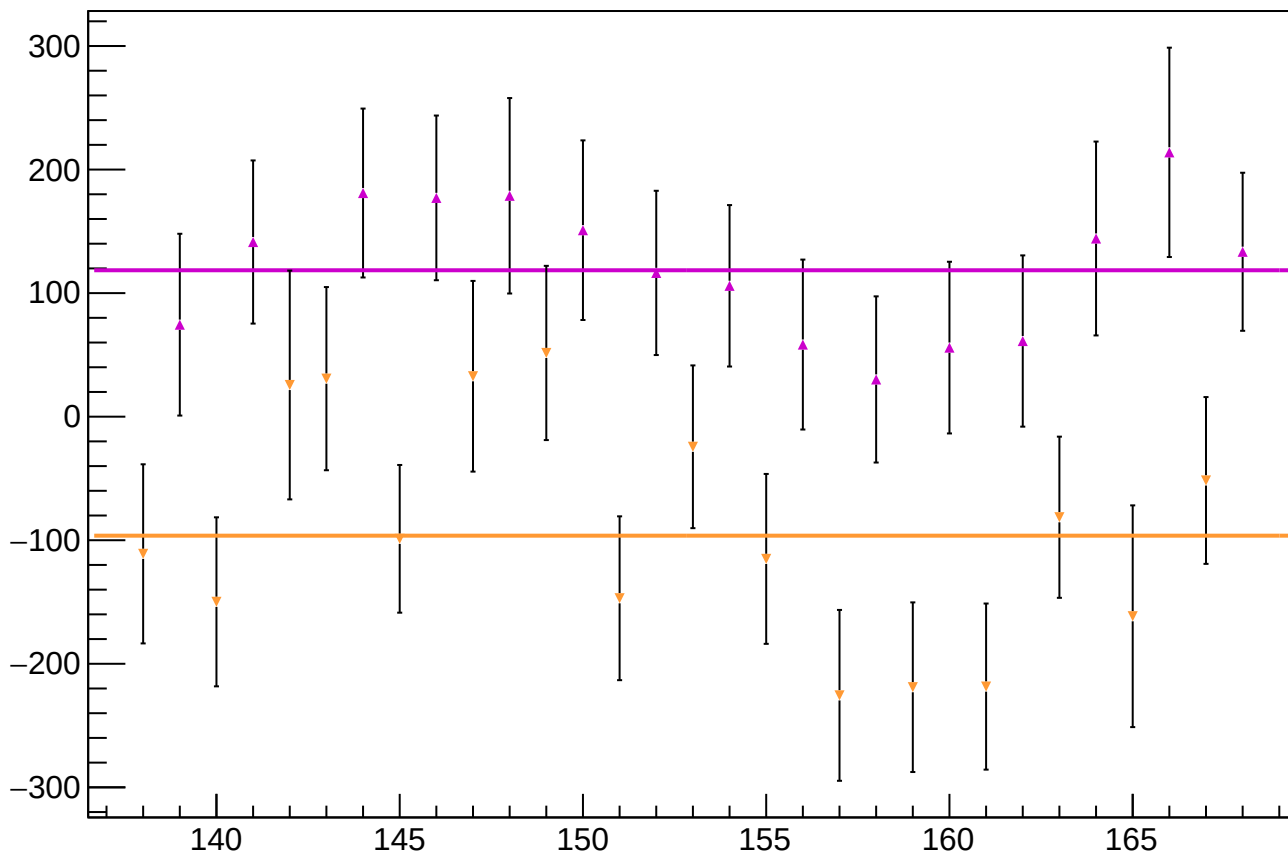
Left In: 968.654+/-0.202 χ^2/NDF : 348891.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 972.280+/-0.143 χ^2/NDF : 887519.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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

Left Out: -96.309+/-17.561 χ^2/NDF : 25.4/15

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

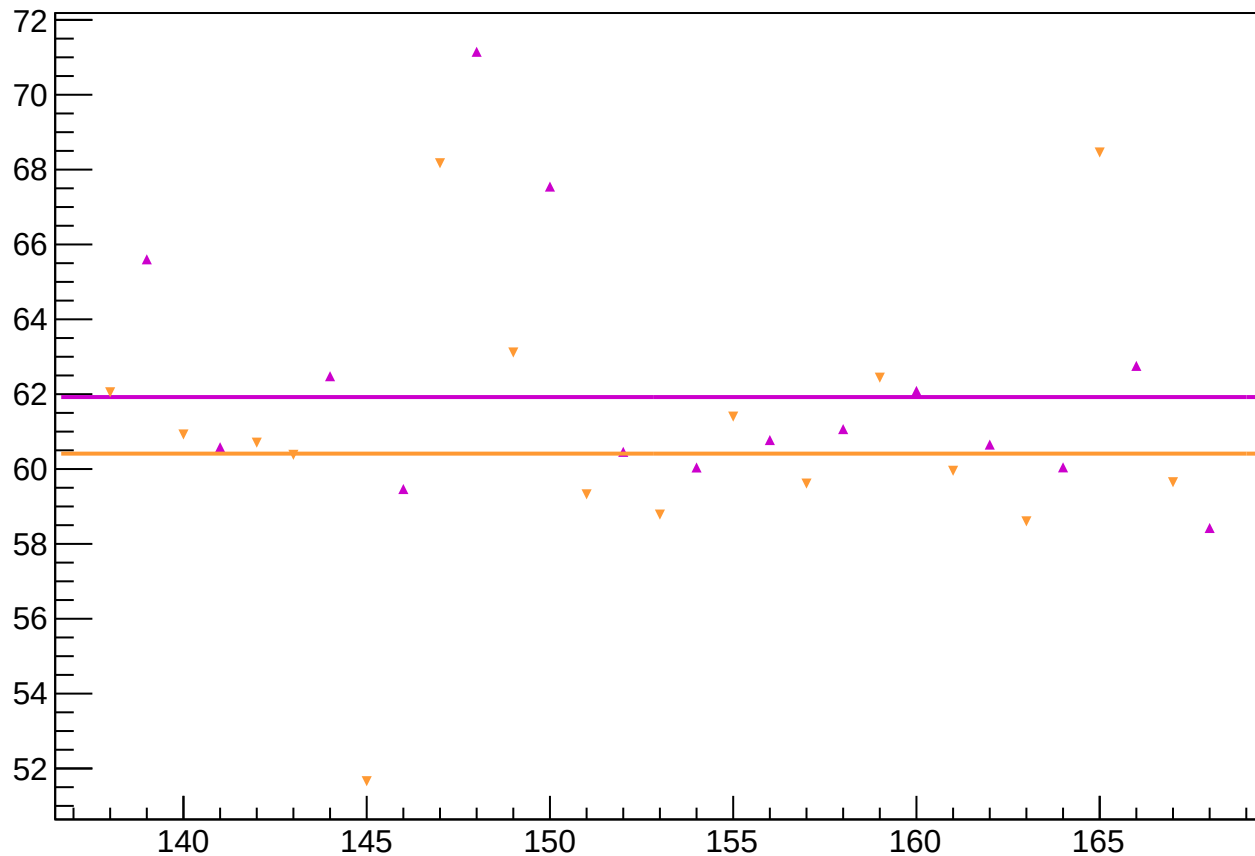
Left In: 118.501+/-18.086 χ^2/NDF : 8.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.936+/-12.599 χ^2/NDF : 106.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 60.412+/-0.012 χ^2/NDF : 89339.1/15

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

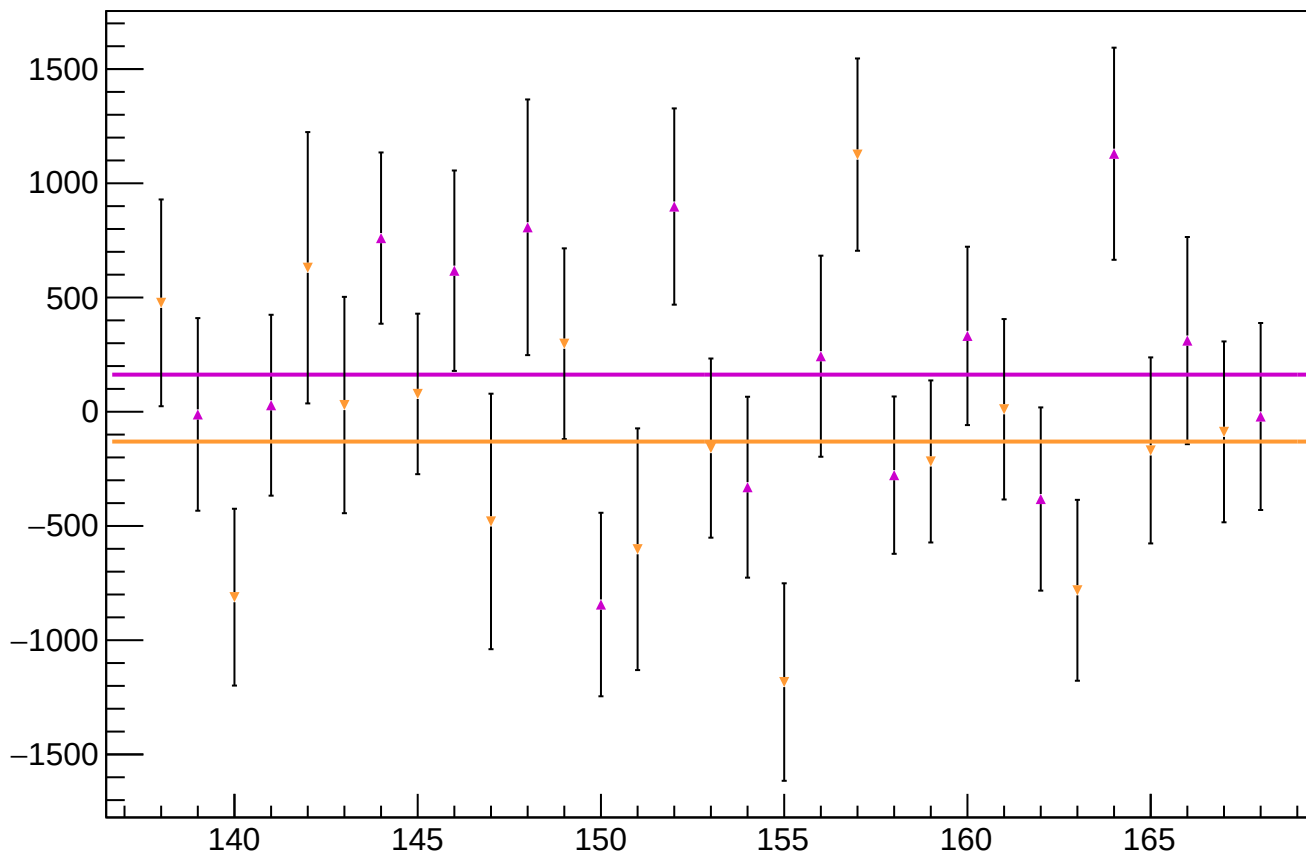
Left In: 61.923+/-0.013 χ^2/NDF : 59371.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.145+/-0.009 χ^2/NDF : 155899.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -130.510 $\pm$ 105.338 χ^2 /NDF:27.0/15

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

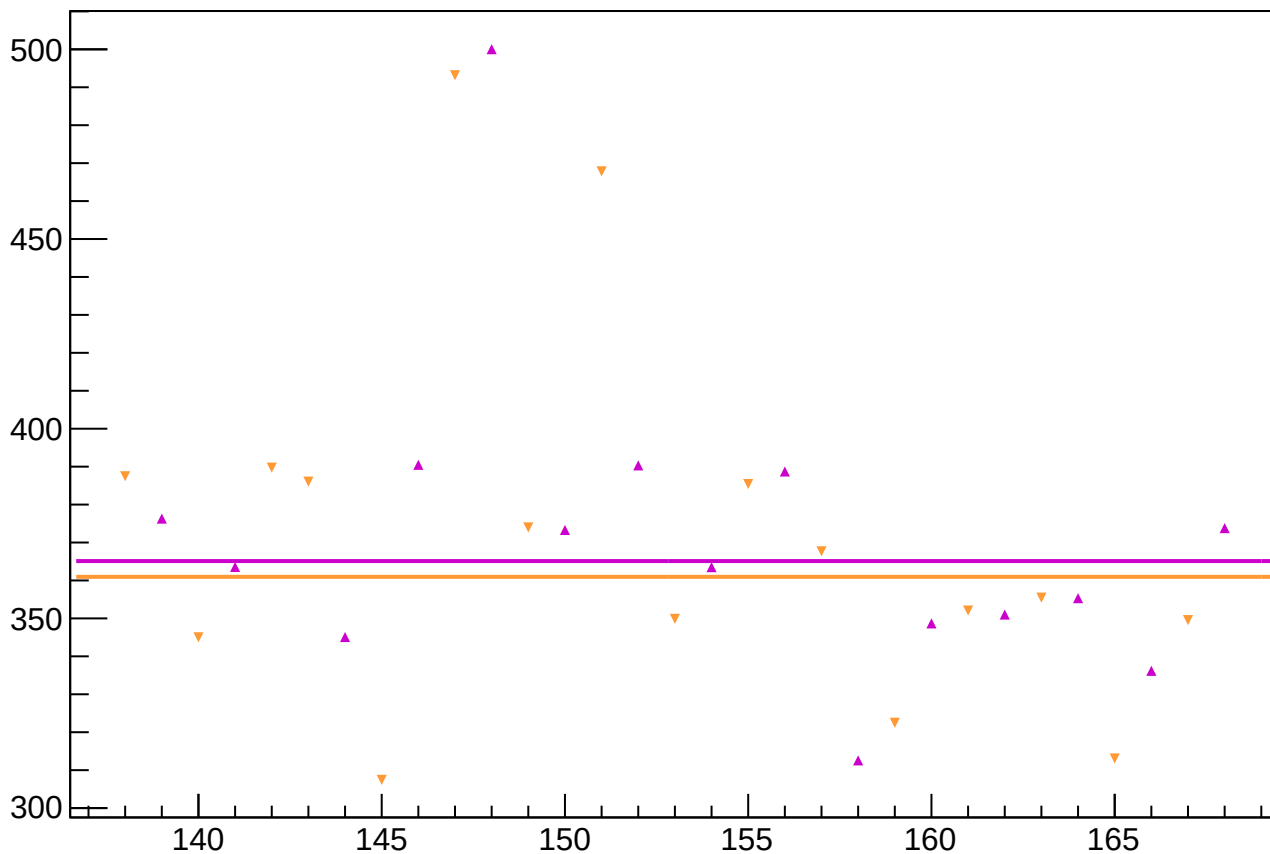
Left In: 162.445 $\pm$ 106.989 χ^2 /NDF:24.3/14

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

All: 13.690 $\pm$ 75.062 χ^2 /NDF: 55.1/30

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

asym_sam_13_57_dd_correction_rms vs Slug



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

Left Out: 360.956+/-0.074 χ^2/NDF : 325113.6/15

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

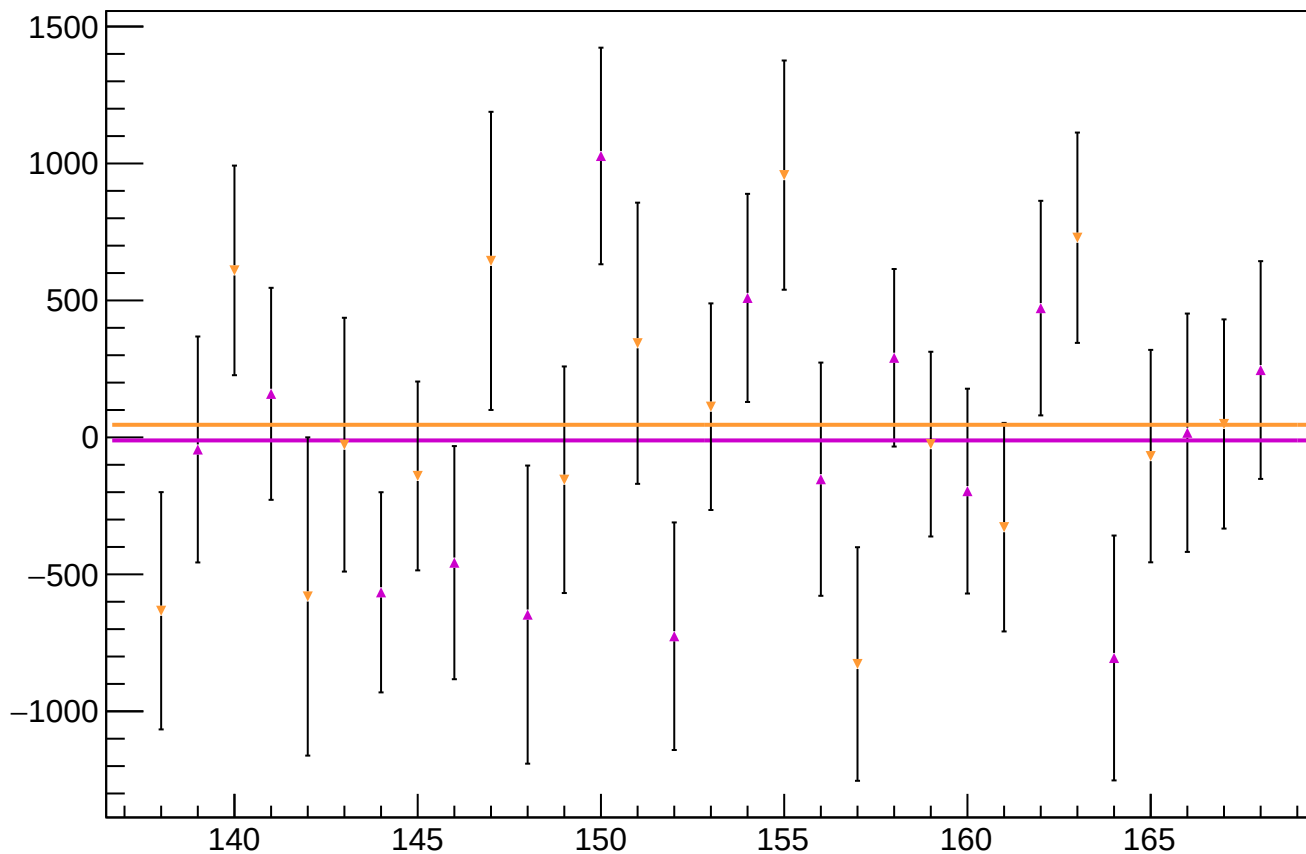
Left In: 365.111+/-0.076 χ^2/NDF : 206120.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.001+/-0.053 χ^2/NDF : 532766.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



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

Left Out: 46.023 $\pm$ 102.358 χ^2 /NDF:21.1/15

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

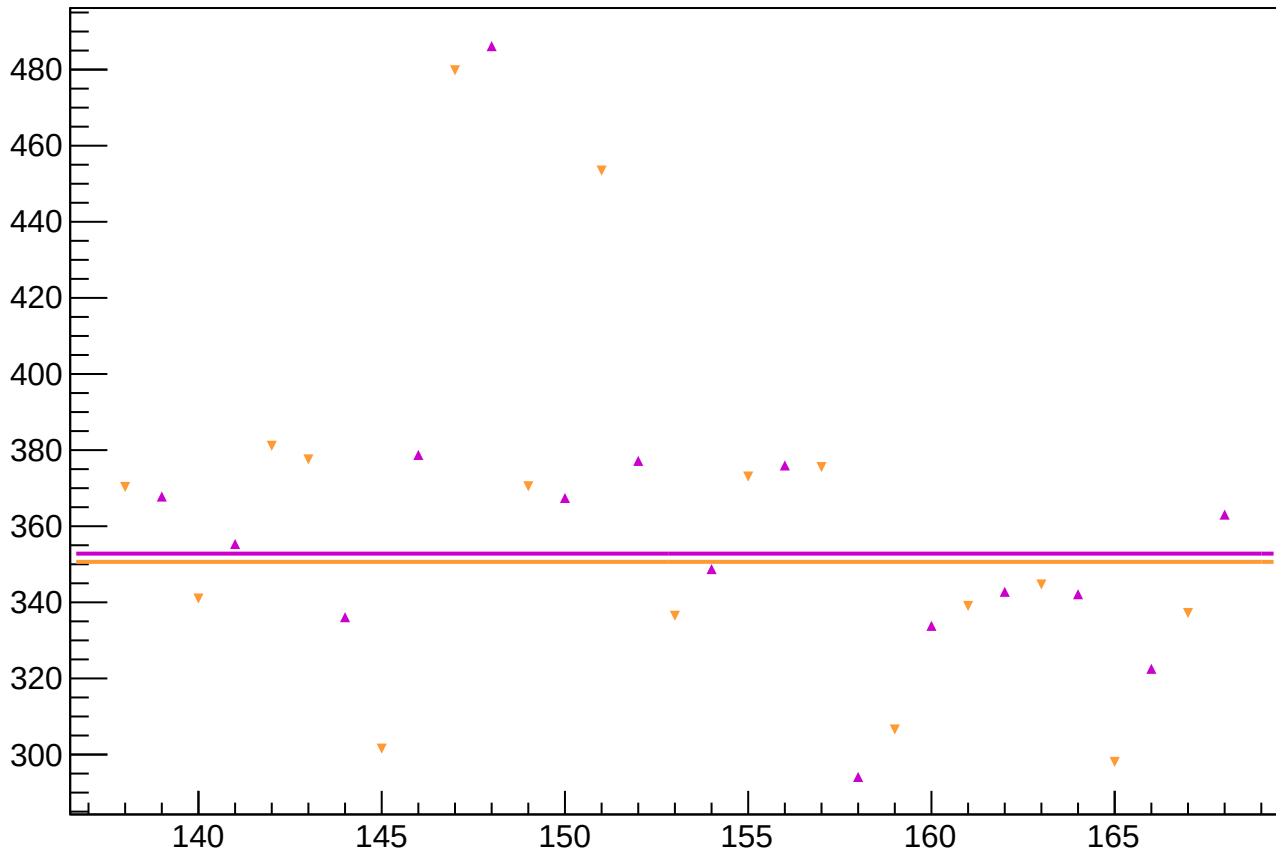
Left In: -11.070 $\pm$ 103.479 χ^2 /NDF:23.0/14

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

All: 17.788 $\pm$ 72.771 χ^2 /NDF: 44.3/30

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

asym_sam_13_57_dd_rms vs Slug



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

Left Out: 350.636+/-0.072 χ^2/NDF : 346860.5/15

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

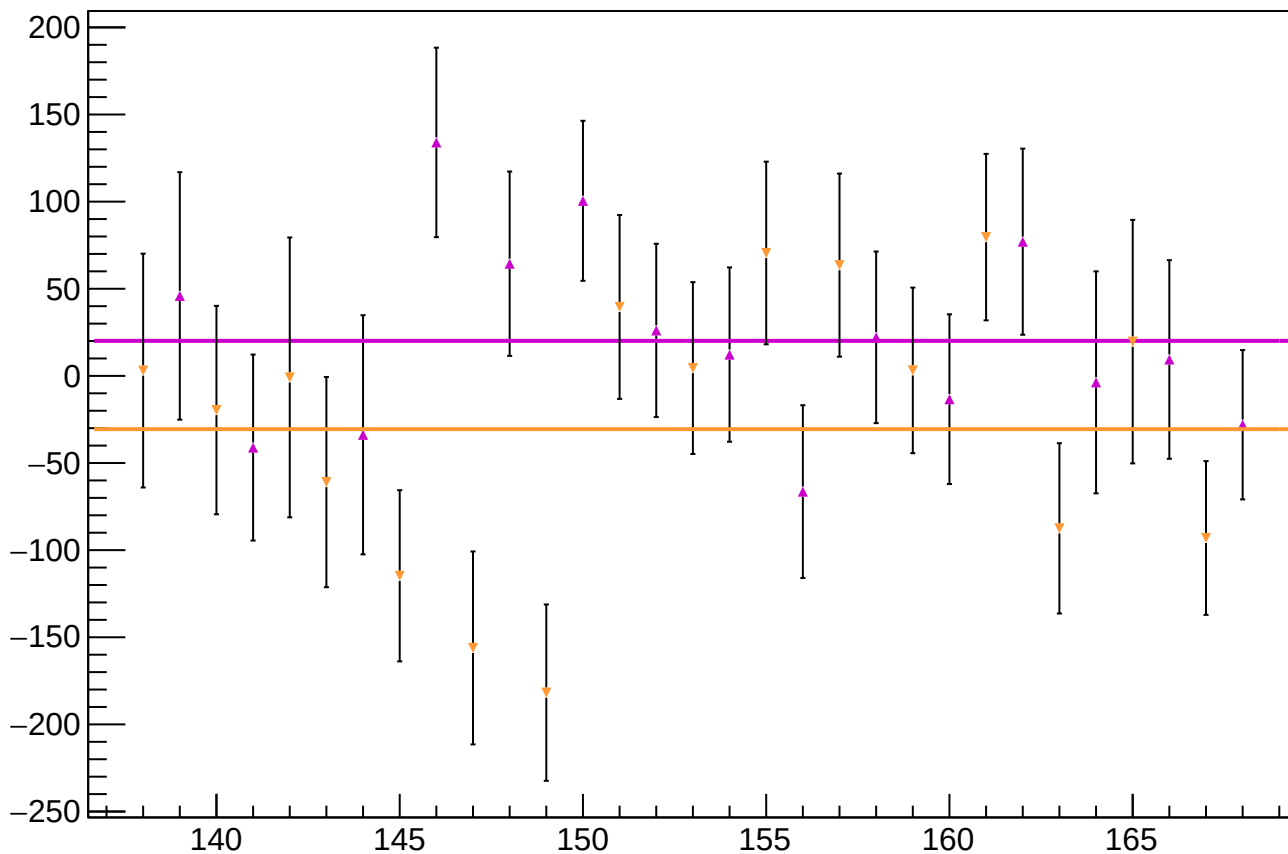
Left In: 352.799+/-0.073 χ^2/NDF : 234408.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.705+/-0.051 χ^2/NDF : 581710.7/30

- 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: -30.562 $\pm$ 13.390 χ^2 /NDF:36.6/15

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

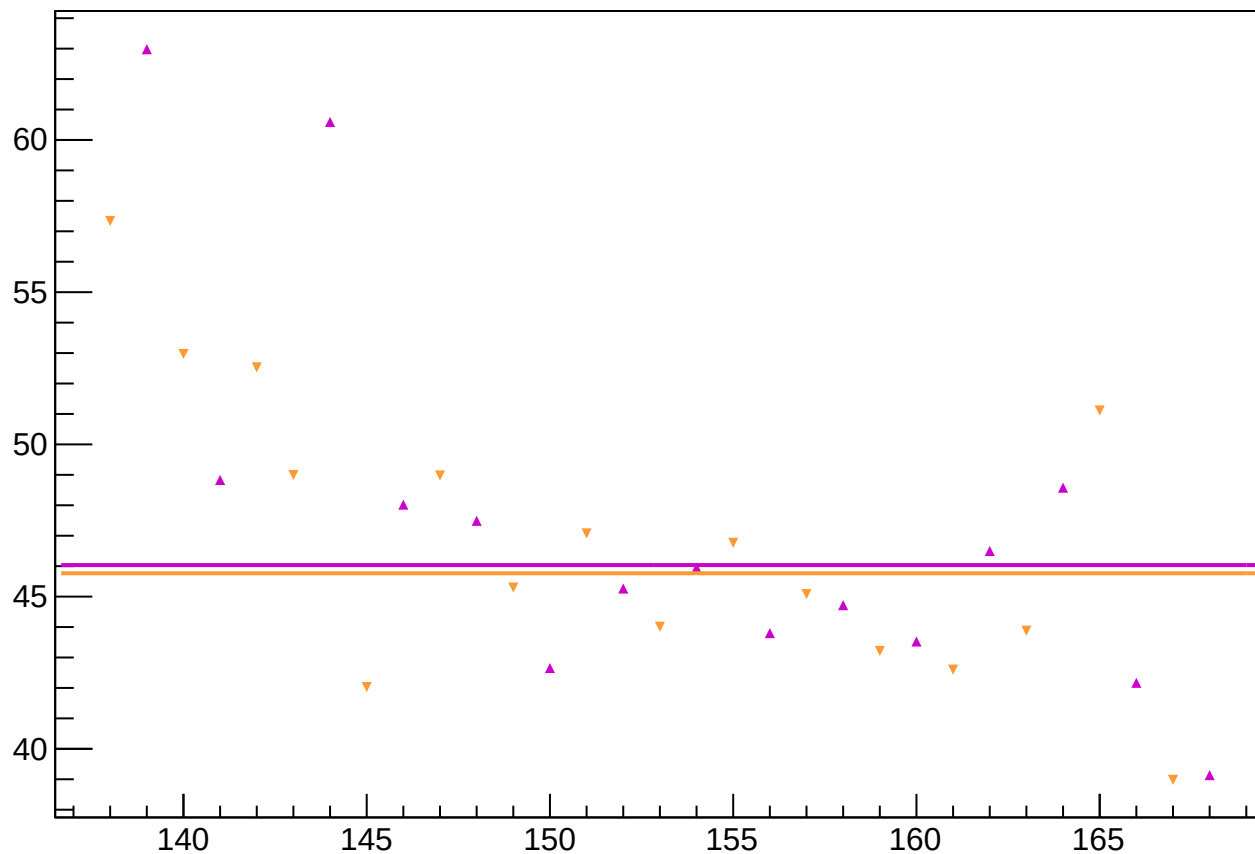
Left In: 20.109 $\pm$ 13.576 χ^2 /NDF:16.3/14

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

All: -5.577 $\pm$ 9.533 χ^2 /NDF: 60.0/30

- 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: 45.767+/-0.009 χ^2 /NDF:208295.1/15

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

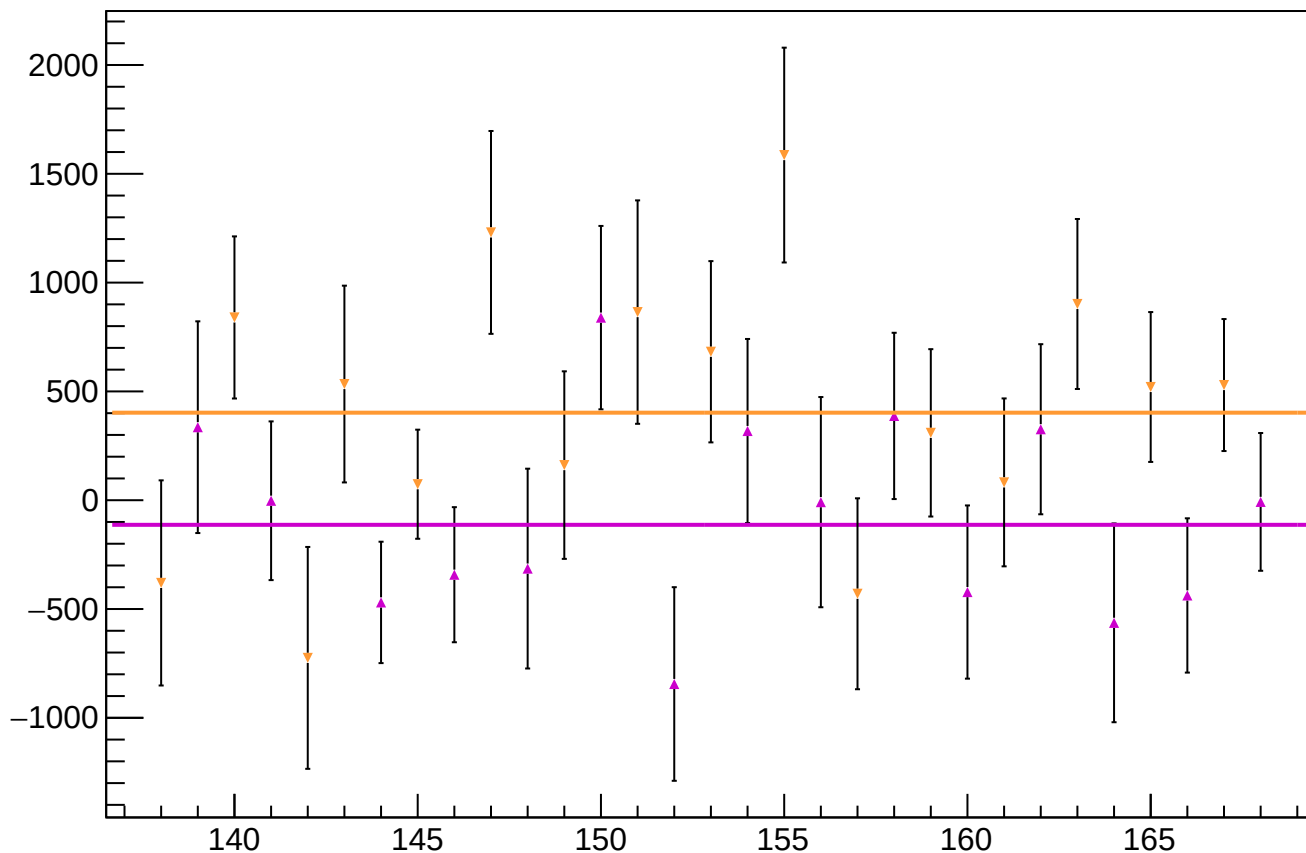
Left In: 46.037+/-0.010 χ^2 /NDF:300047.9/14

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 45.900+/-0.007 χ^2 /NDF: 508743.2/30

- 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: 402.263+/-97.802 χ^2/NDF : 27.6/15

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

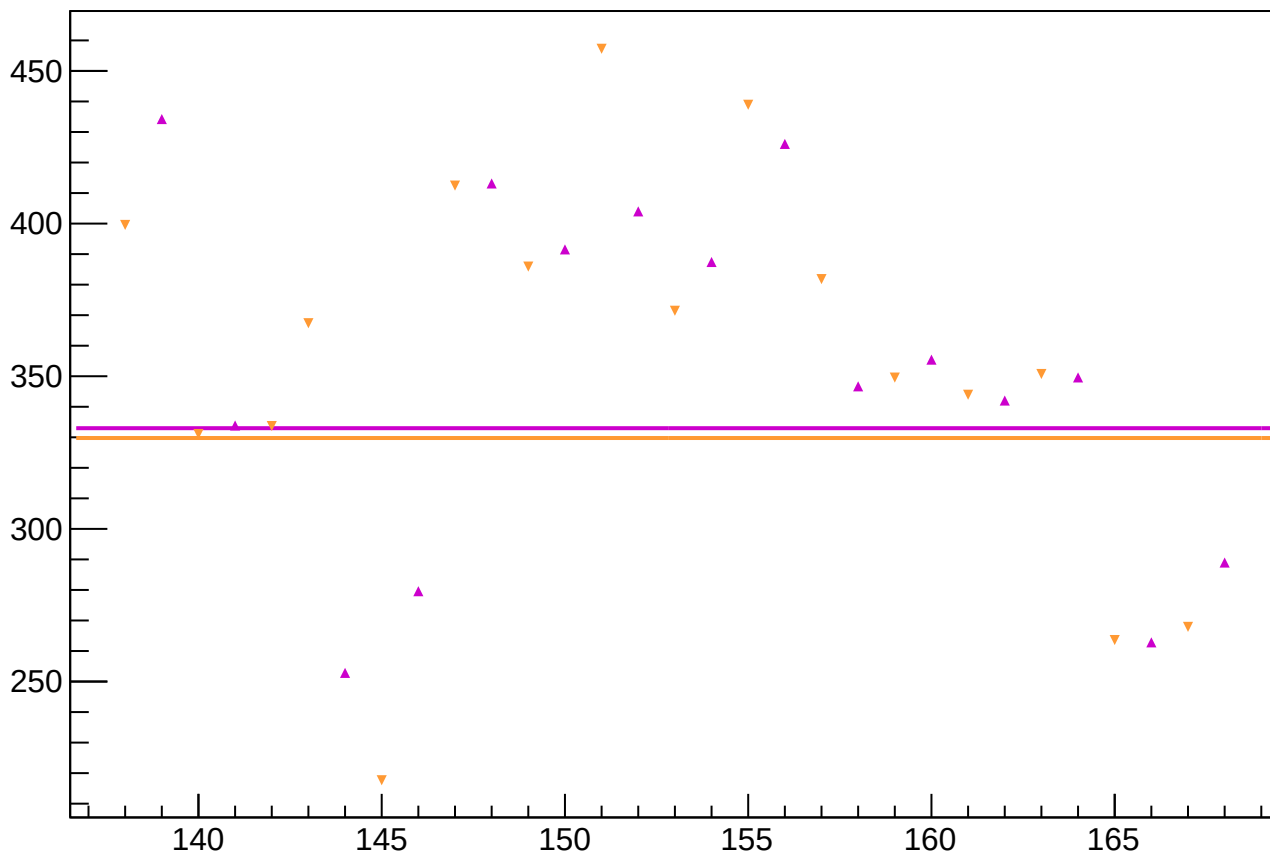
Left In: -113.106+/-98.666 χ^2/NDF : 17.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.845+/-69.460 χ^2/NDF : 59.1/30

- 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: 329.766+/-0.069 χ^2/NDF :994786.9/15

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

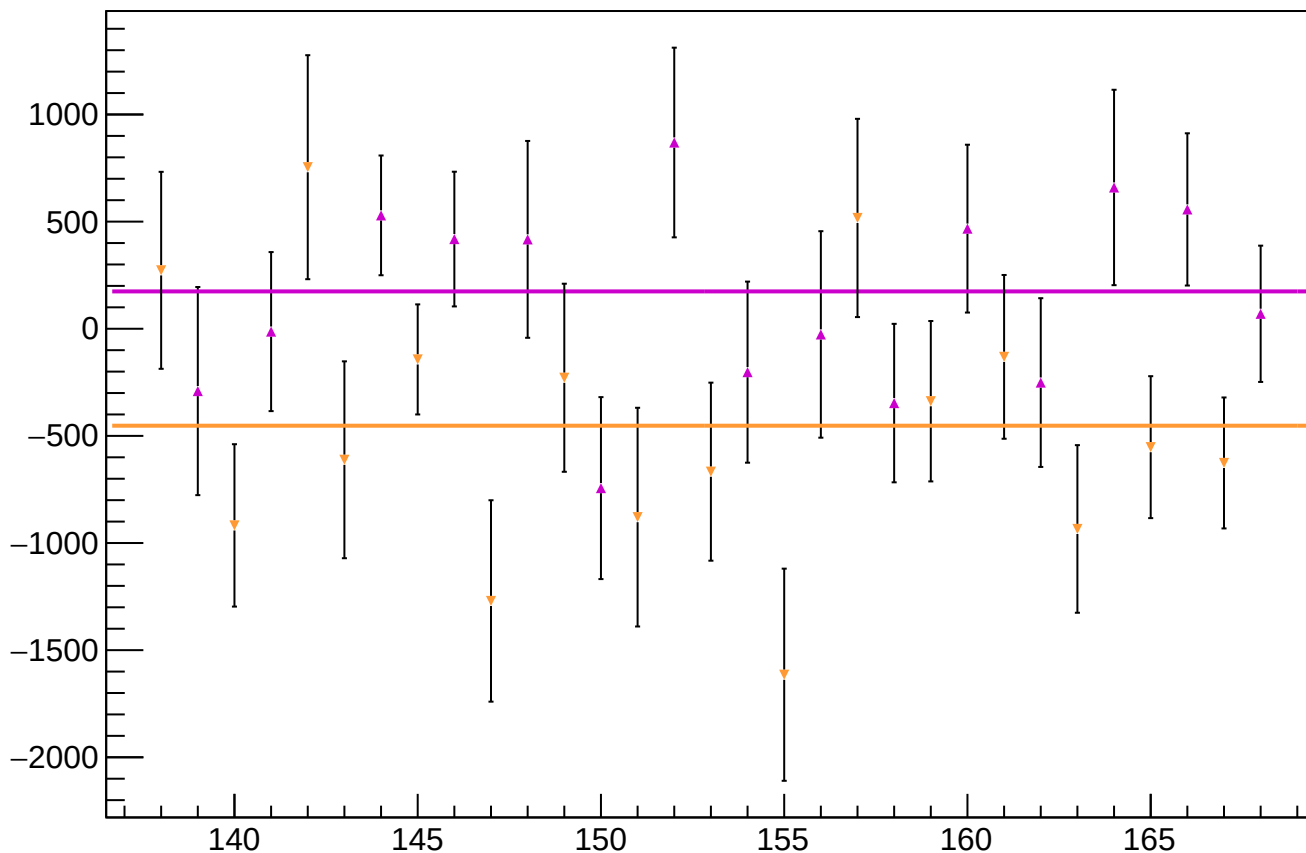
Left In: 332.985+/-0.070 χ^2/NDF :698621.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.361+/-0.049 χ^2/NDF : 1694481.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -452.488+/-98.201 χ^2/NDF : 27.8/15

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

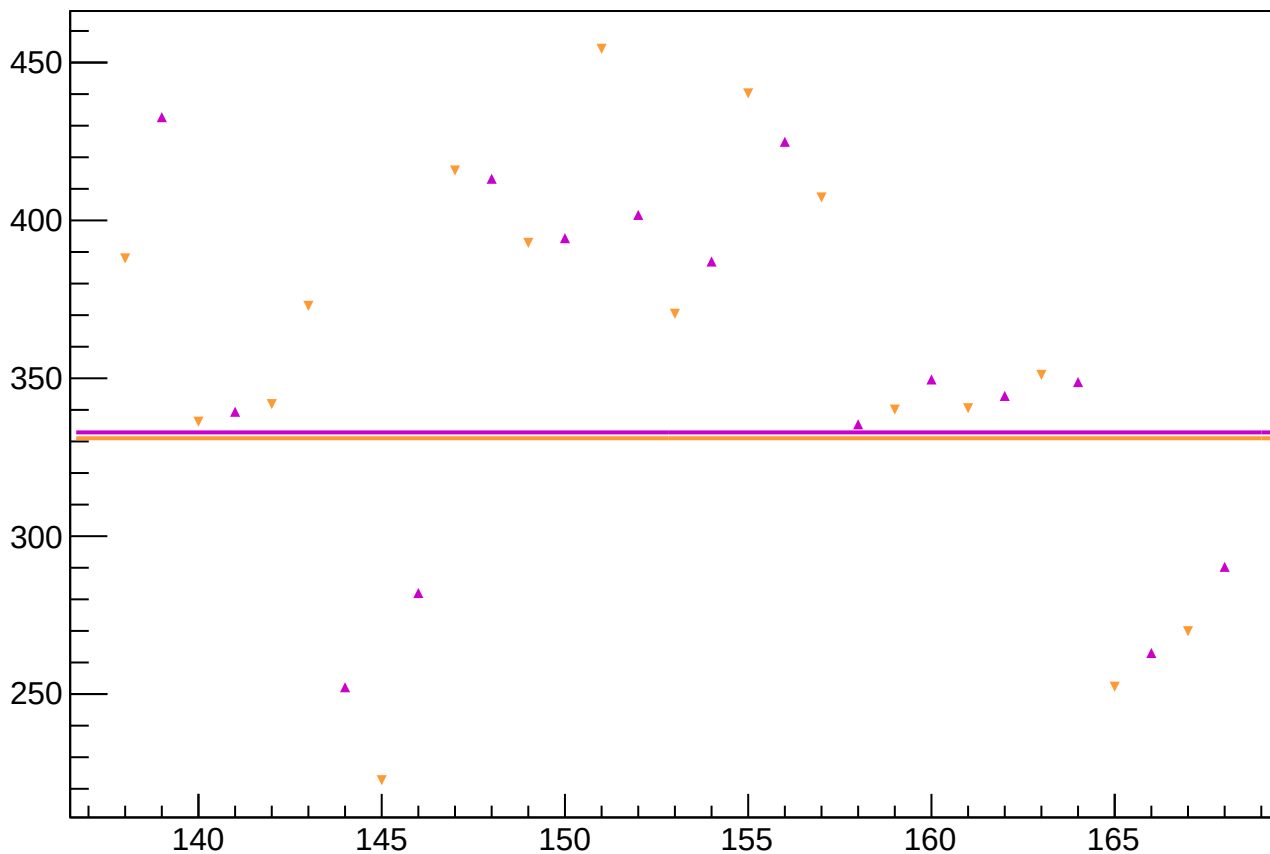
Left In: 174.300+/-98.713 χ^2/NDF : 17.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -140.727+/-69.619 χ^2/NDF : 65.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 331.022+/-0.069 χ^2/NDF : 995952.6/15

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

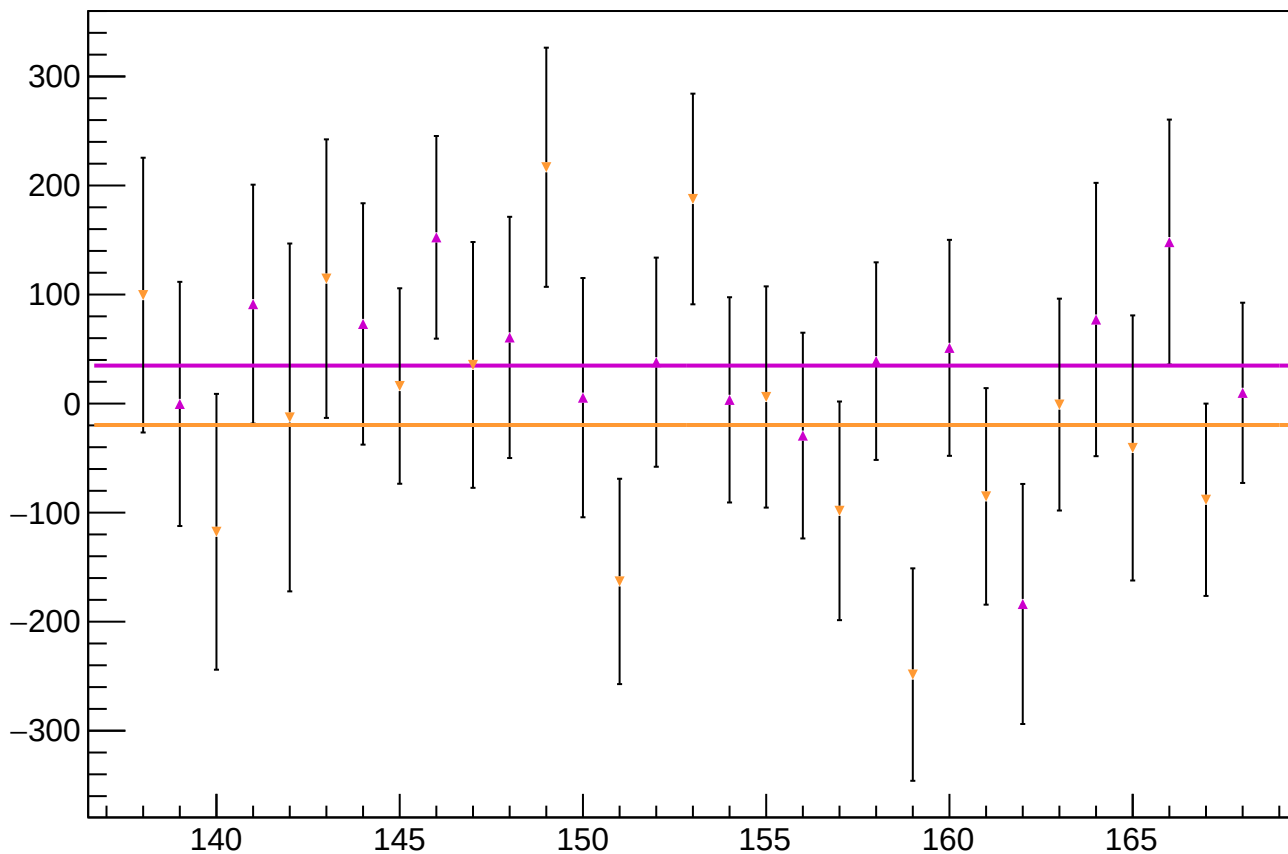
Left In: 332.868+/-0.070 χ^2/NDF : 682764.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.940+/-0.049 χ^2/NDF : 1679067.9/30

- 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: -19.642 $\pm$ 26.369 χ^2 /NDF:21.9/15

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

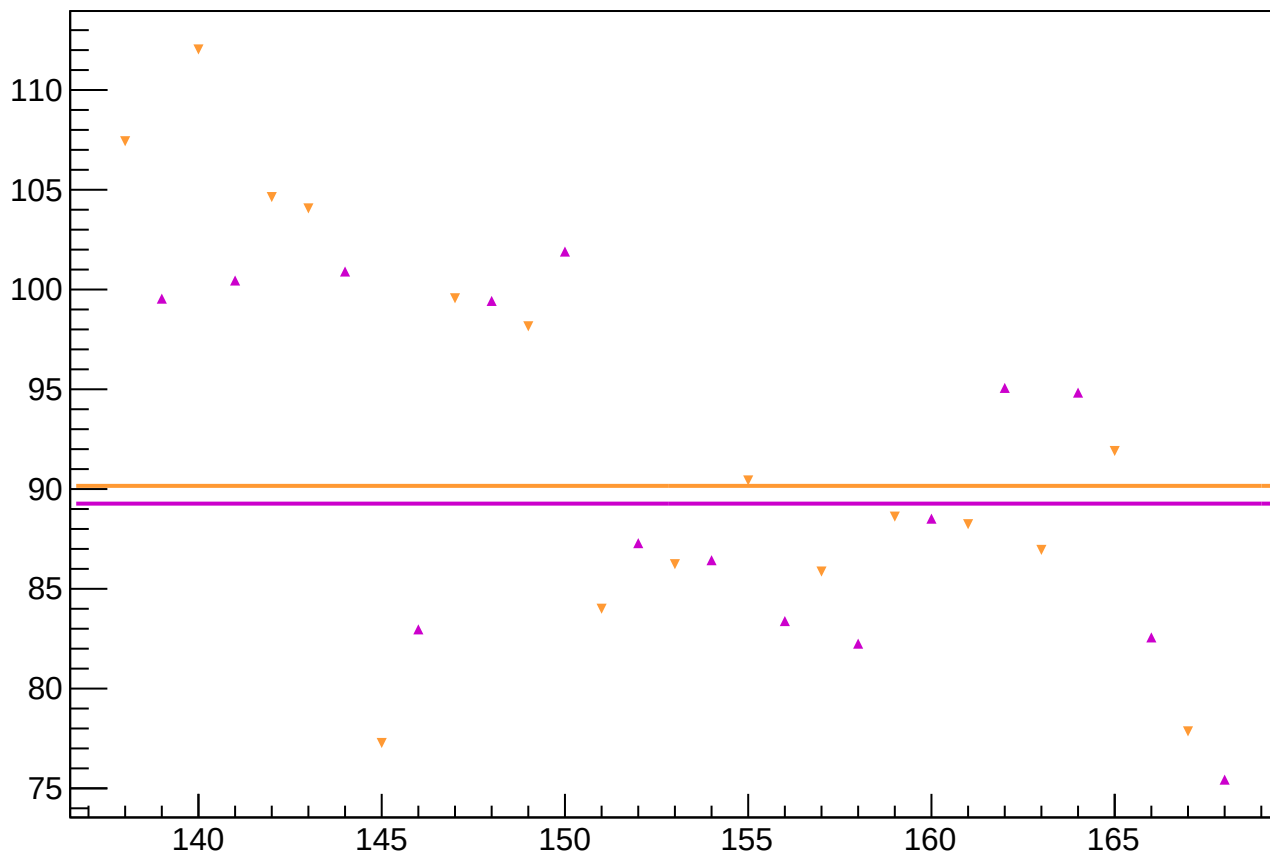
Left In: 34.845 $\pm$ 26.217 χ^2 /NDF:8.0/14

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

All: 7.760 $\pm$ 18.592 χ^2 /NDF: 32.0/30

- 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 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 90.160 $\pm$ 0.019 χ^2/NDF : 261787.4/15

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

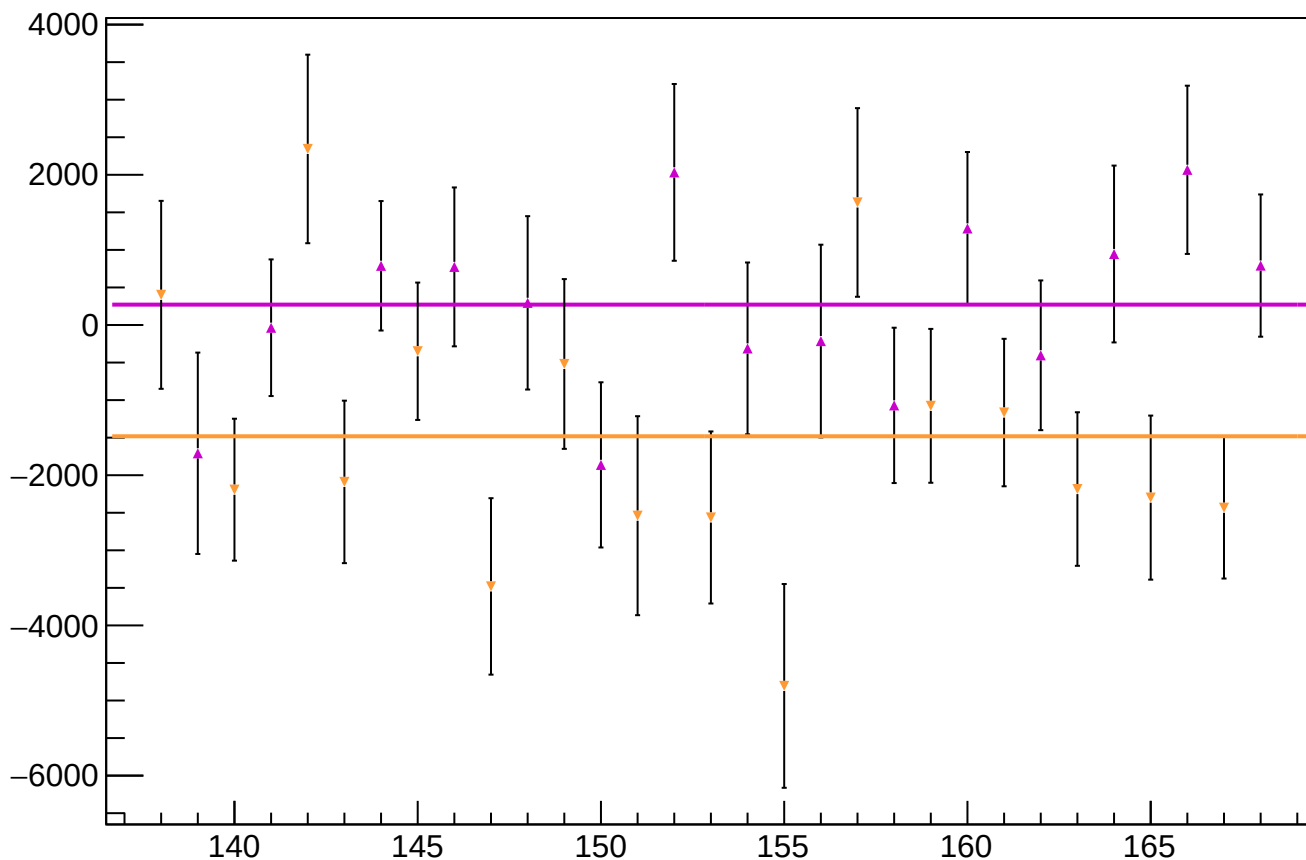
Left In: 89.270 $\pm$ 0.019 χ^2/NDF : 207578.3/14

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

All: 89.712 $\pm$ 0.013 χ^2/NDF : 470511.9/30

- sign 0.000 $\pm$ 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: -1481.484+/-273.472 χ^2/NDF :33.6/15

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

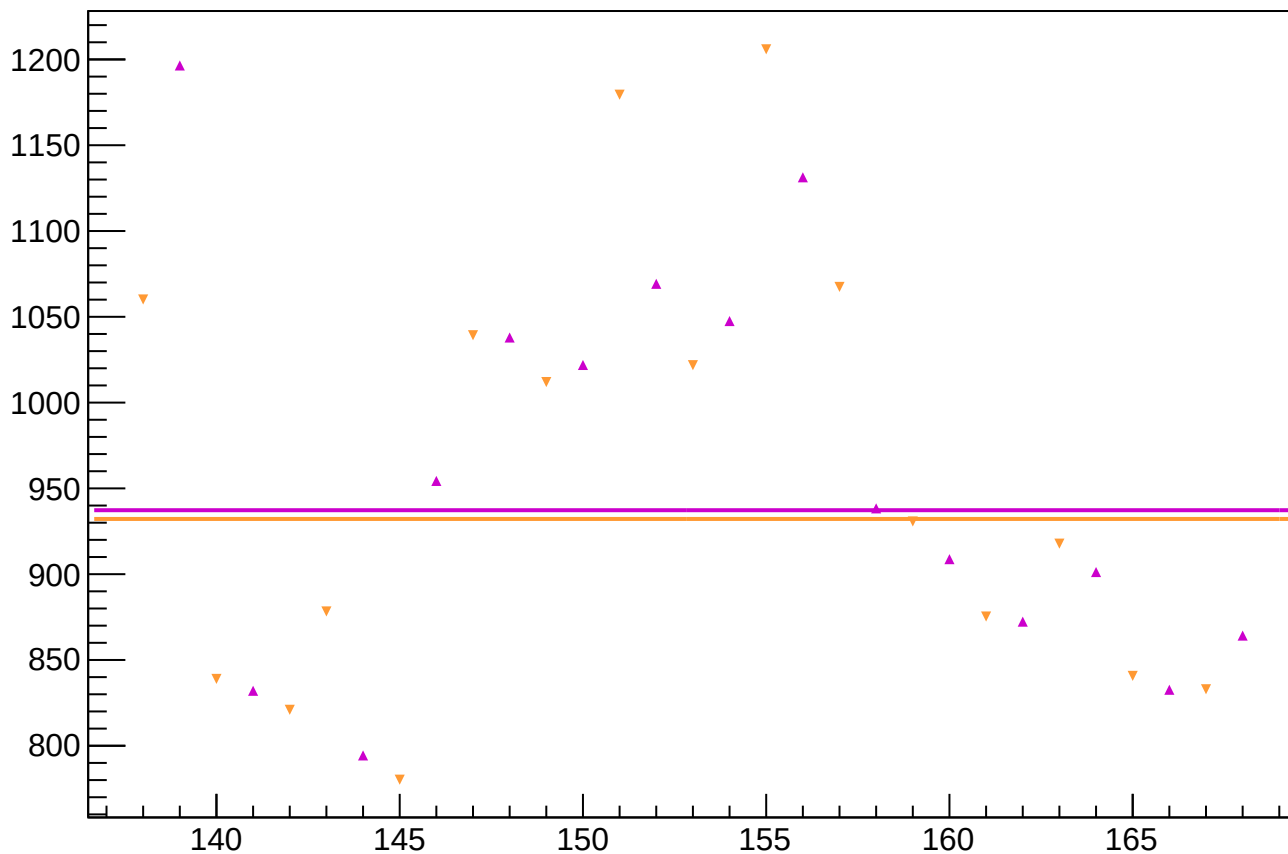
Left In: 271.332+/-275.069 χ^2/NDF :15.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -610.177+/-193.936 χ^2/NDF : 69.6/30

- 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: 932.187+/-0.193 χ^2/NDF : 372674.8/15

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

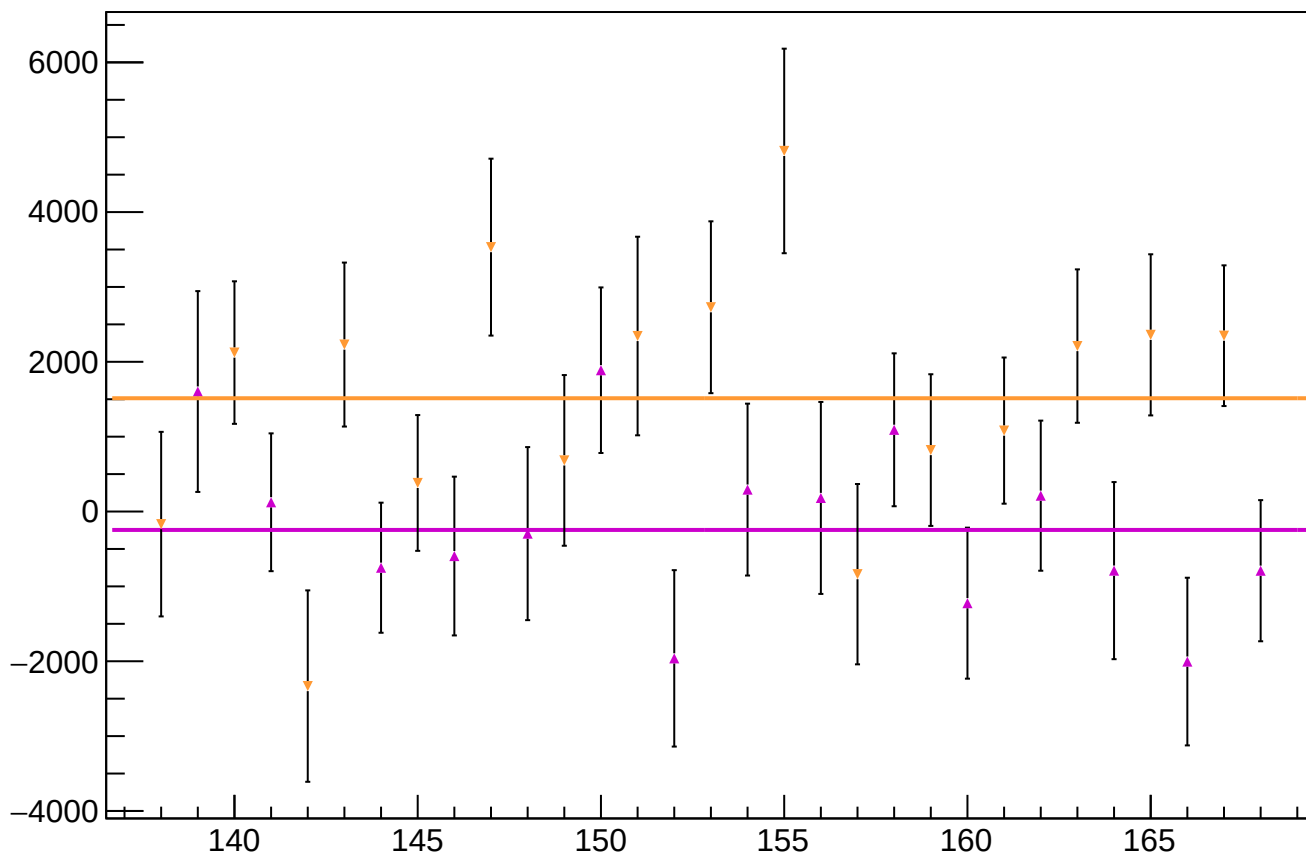
Left In: 937.285+/-0.195 χ^2/NDF : 314845.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 934.721+/-0.137 χ^2/NDF : 687865.3/30

- 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: 1513.304+/-272.853 χ^2/NDF : 30.5/15

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

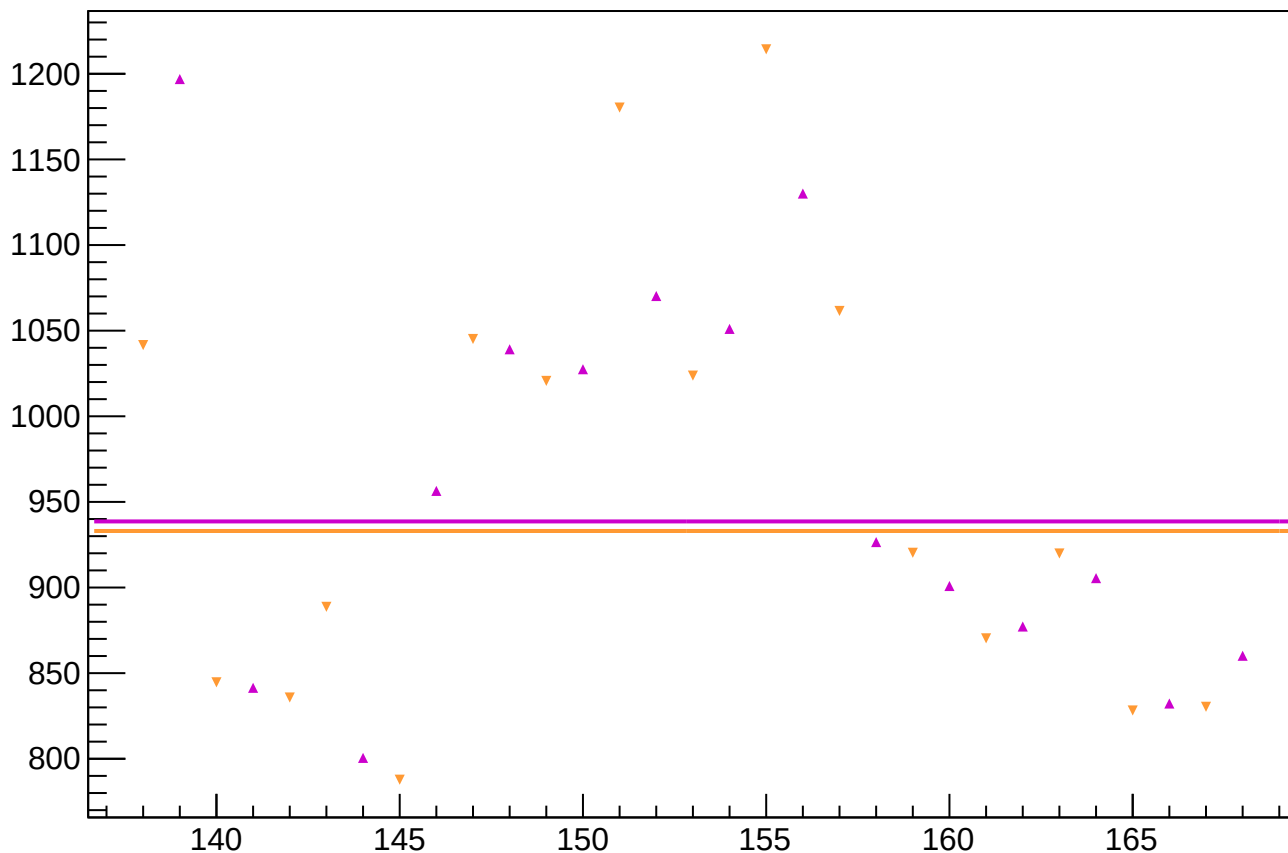
Left In: -245.914+/-275.484 χ^2/NDF : 14.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 642.136+/-193.860 χ^2/NDF : 65.6/30

- 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: 933.018+/-0.193 χ^2/NDF : 369957.0/15

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

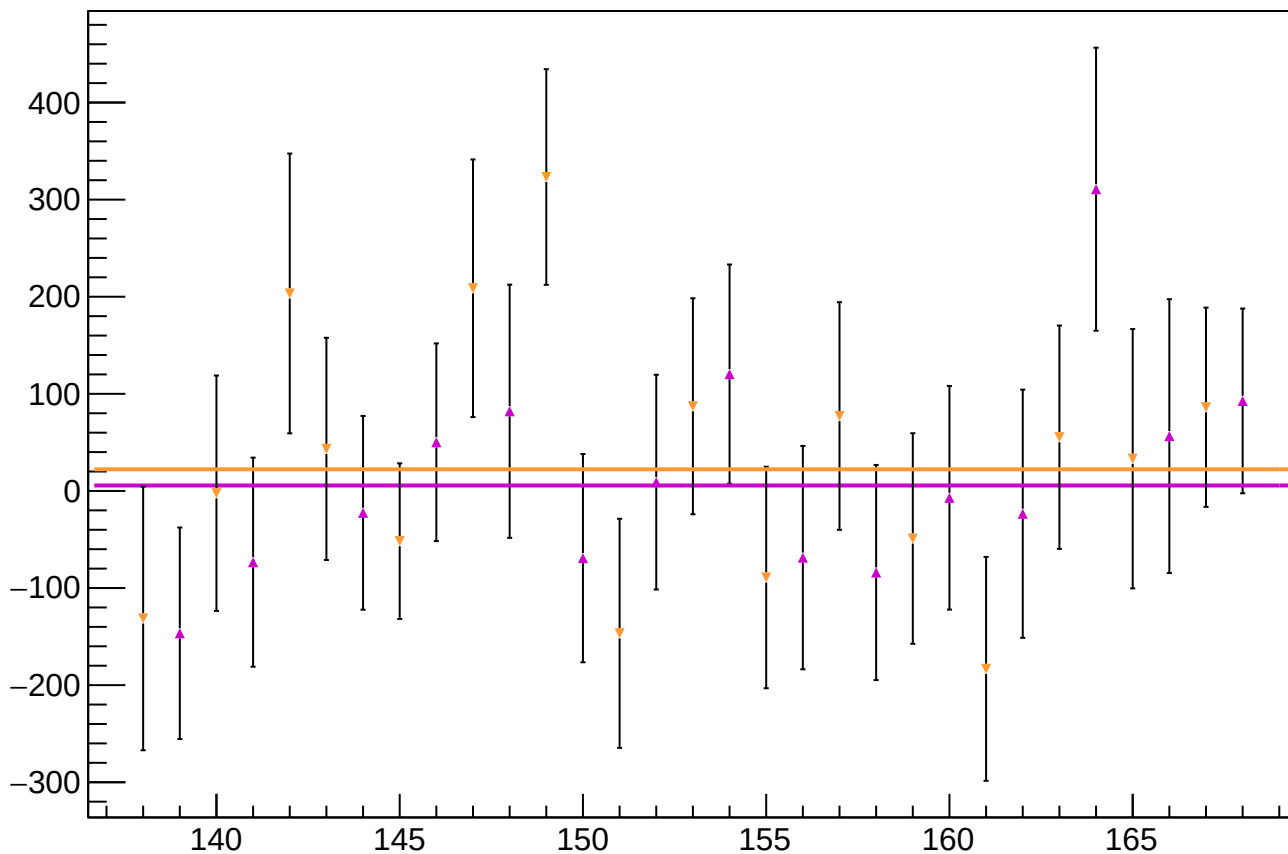
Left In: 938.602+/-0.195 χ^2/NDF : 308332.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.783+/-0.137 χ^2/NDF : 678704.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: 22.275 $\pm$ 28.515 χ^2 /NDF:20.8/15

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

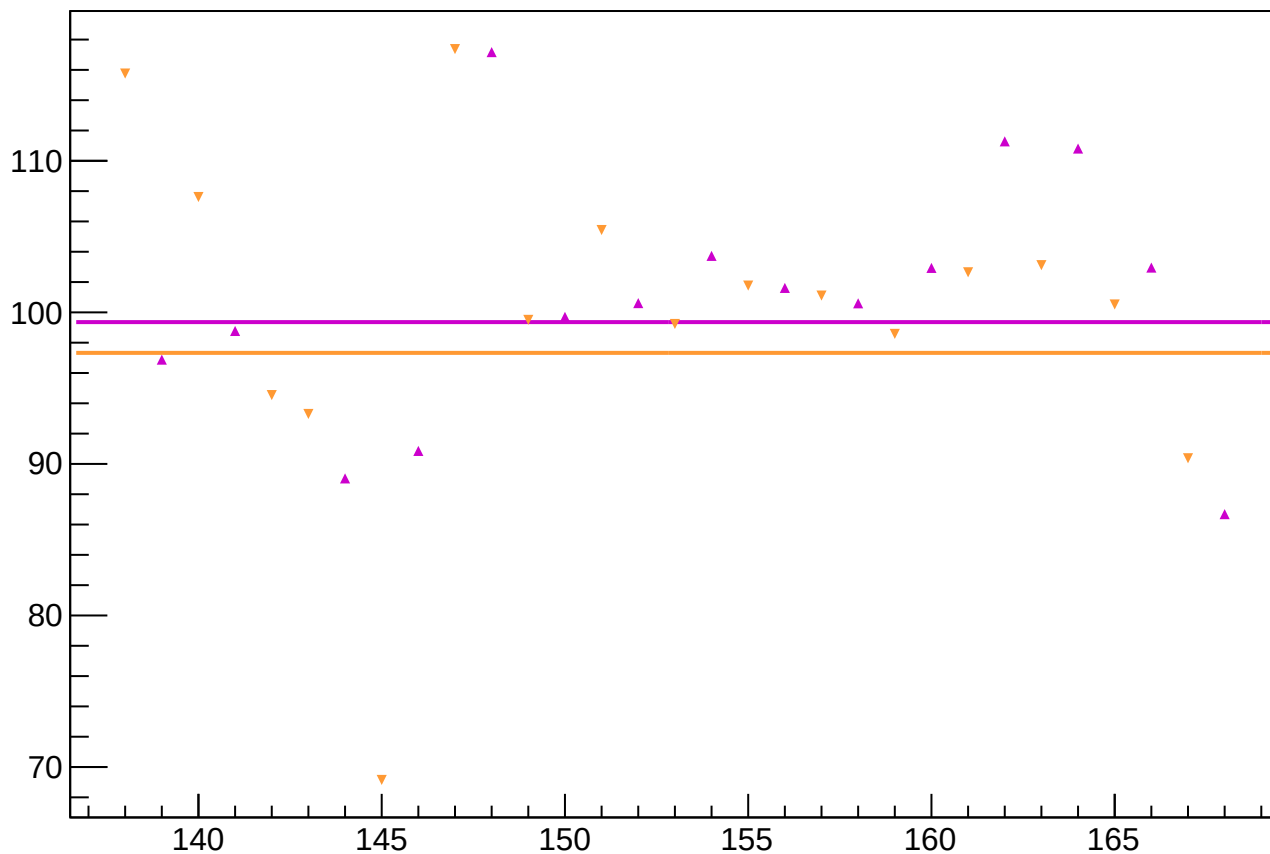
Left In: 5.607 $\pm$ 29.170 χ^2 /NDF:11.1/14

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

All: 14.130 $\pm$ 20.391 χ^2 /NDF: 32.0/30

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

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 97.328 $\pm$ 0.020 χ^2/NDF : 383328.1/15

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

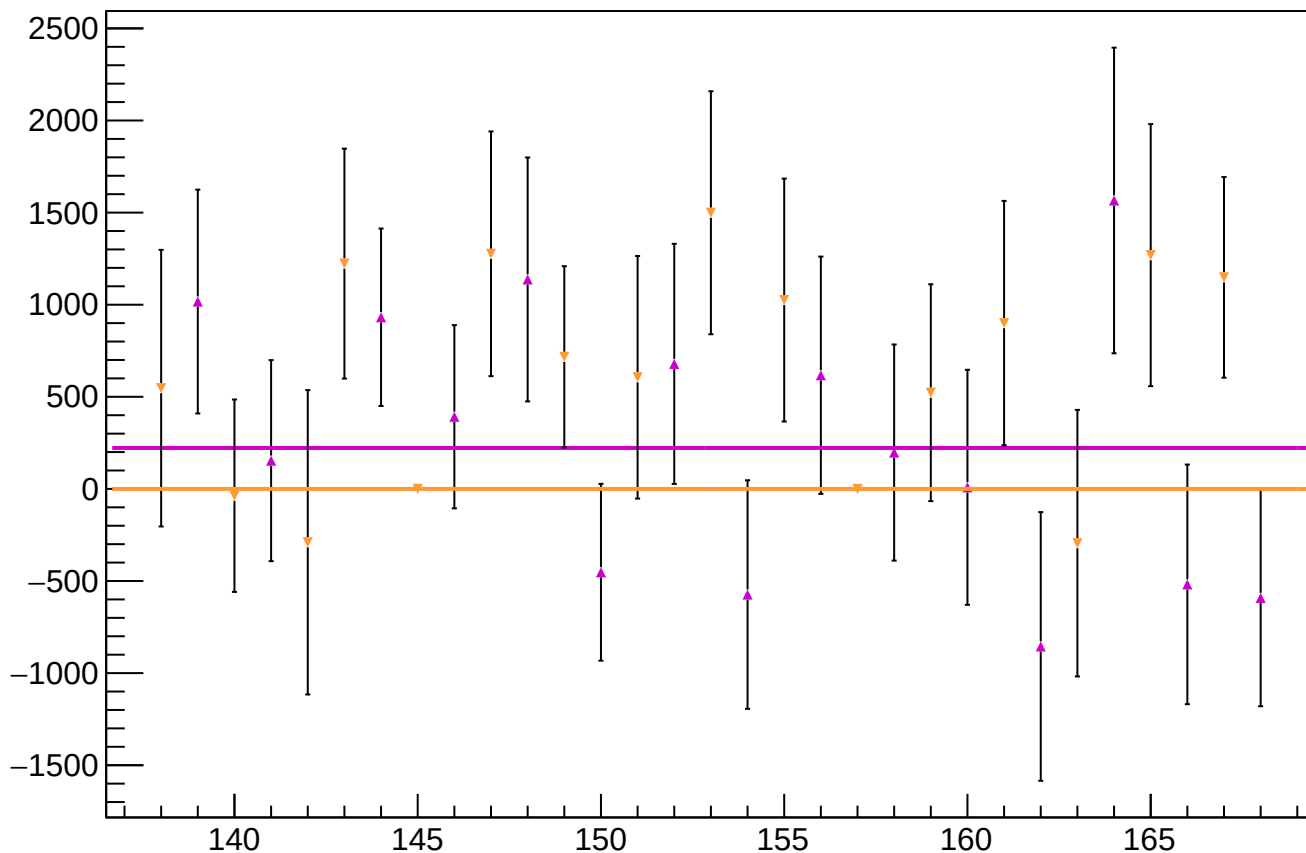
Left In: 99.357 $\pm$ 0.021 χ^2/NDF : 146549.0/14

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

All: 98.320 $\pm$ 0.014 χ^2/NDF : 534827.9/30

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

asym_sam_26_48_dd_correction_mean vs Slug



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

Left Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.5/15

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

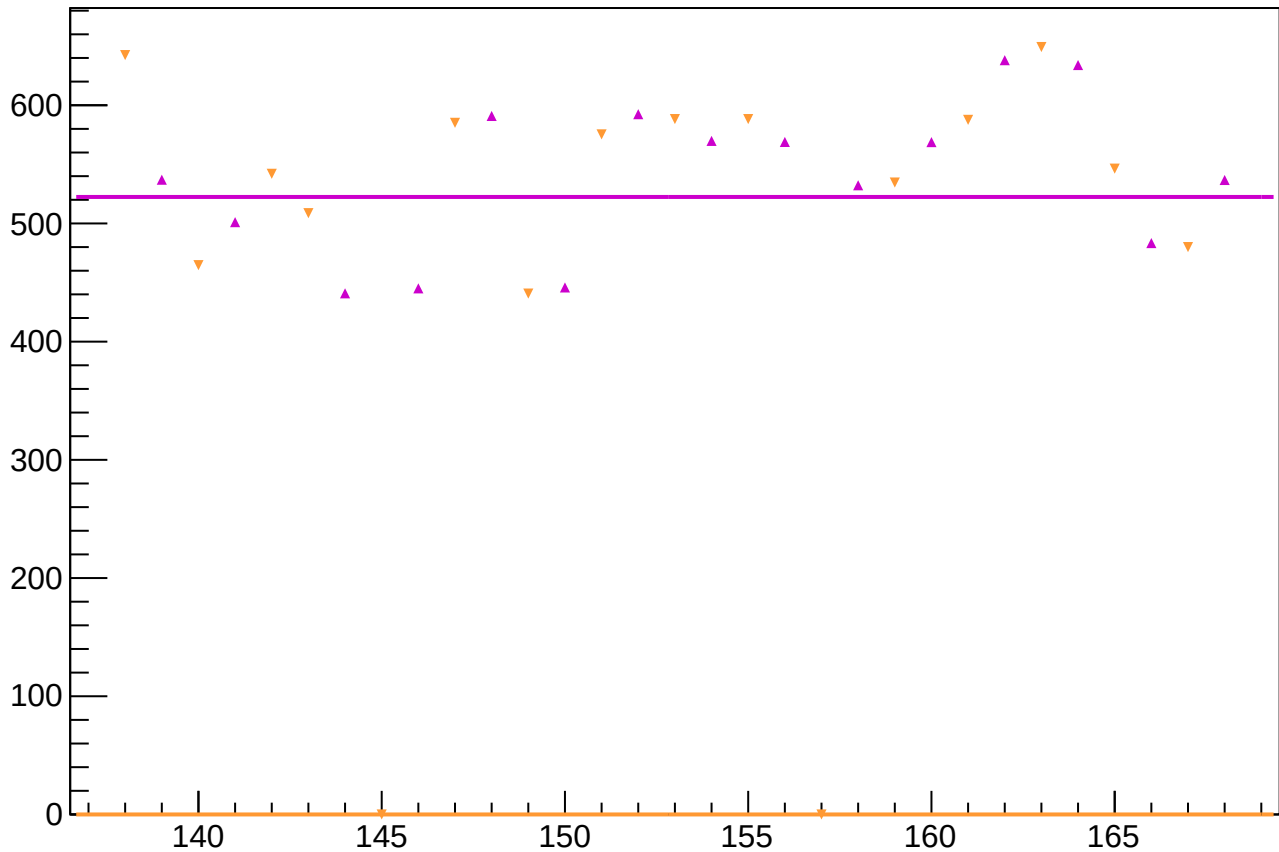
Left In: 222.395 $\pm$ 153.651 χ^2 /NDF: 18.5/14

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 50.1/30

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

asym_sam_26_48_dd_correction_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF : 20666514.4/15

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

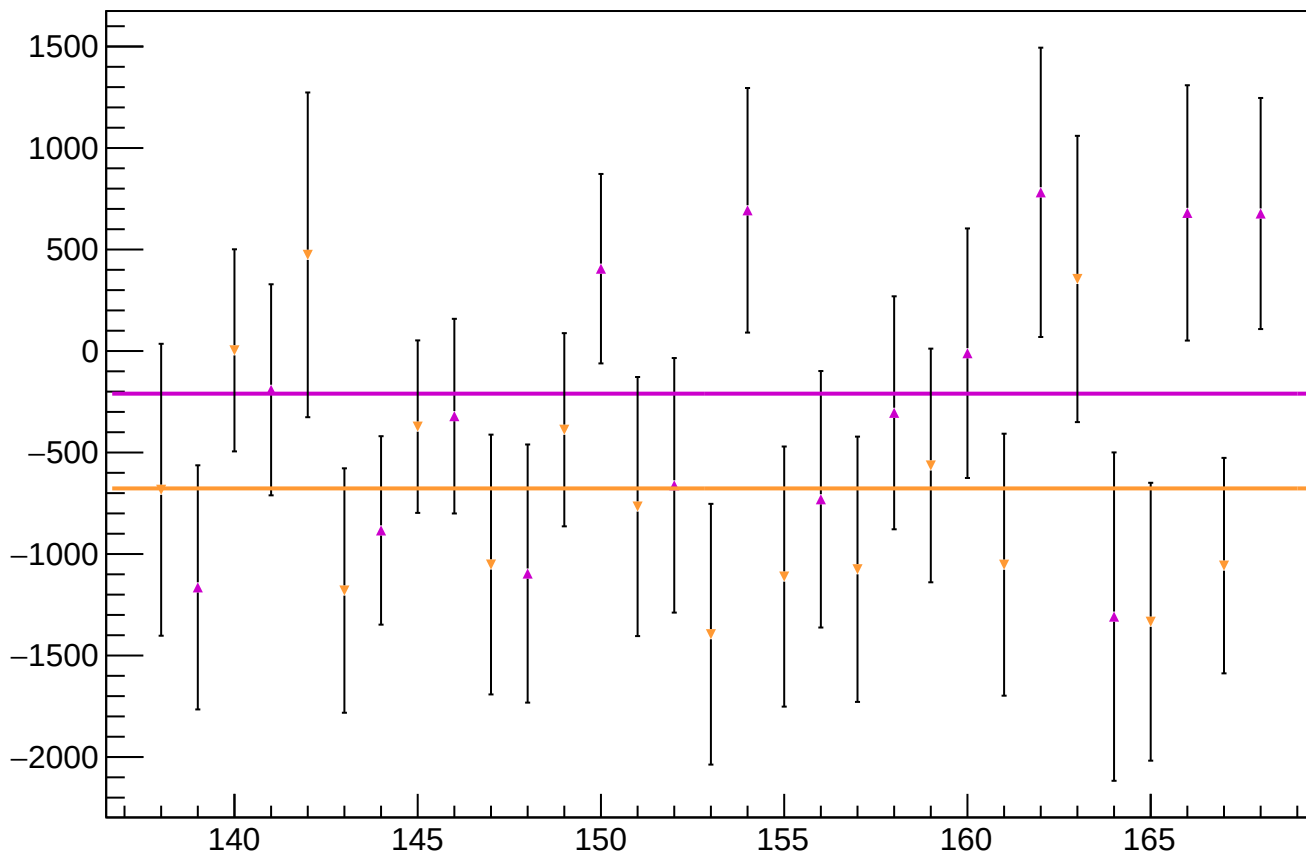
Left In: 522.413+/-0.109 χ^2/NDF : 333430.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 44119839.1/30

- 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: -676.825+/-148.304 χ^2/NDF :11.9/15

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

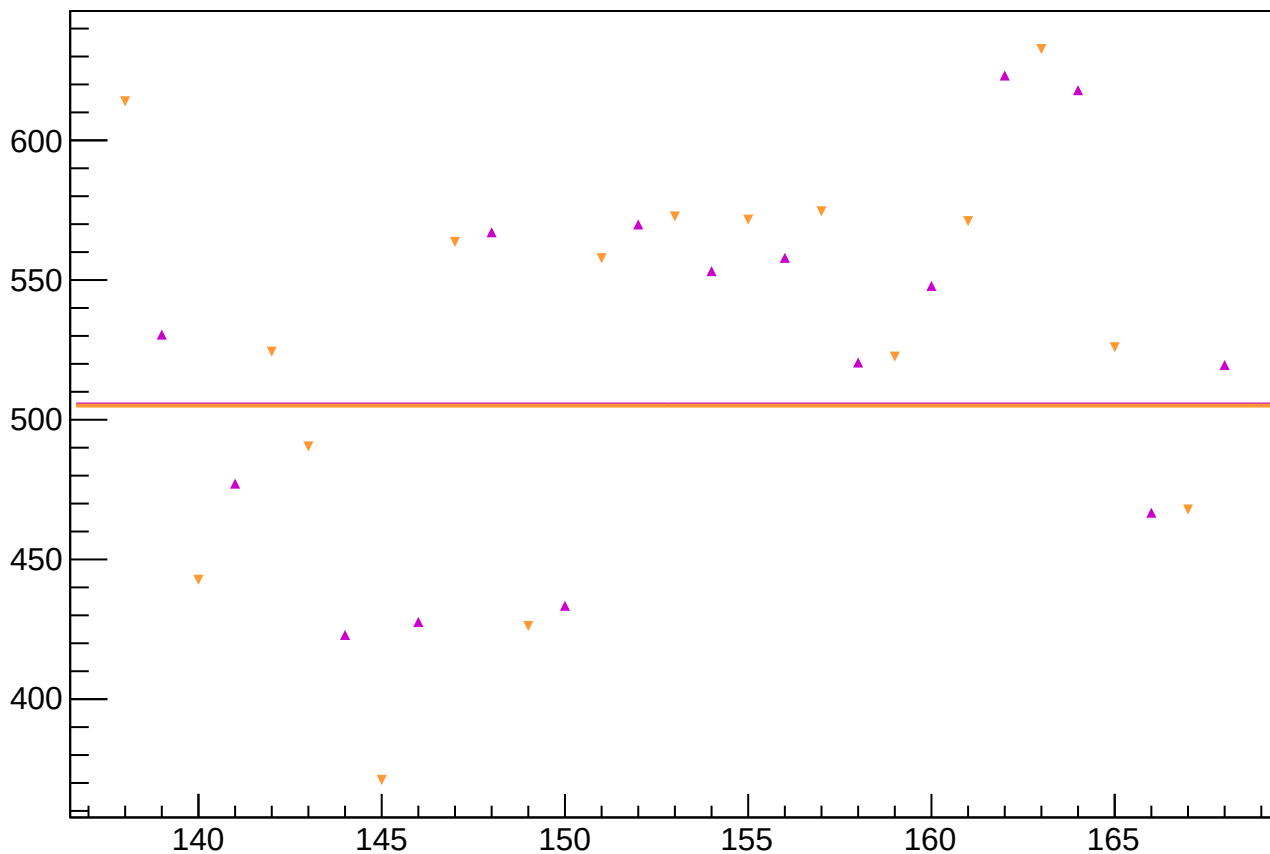
Left In: -210.037+/-148.865 χ^2/NDF :20.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -444.311+/-105.065 χ^2/NDF : 37.0/30

- 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: 505.073+/-0.105 χ^2/NDF : 530297.4/15

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

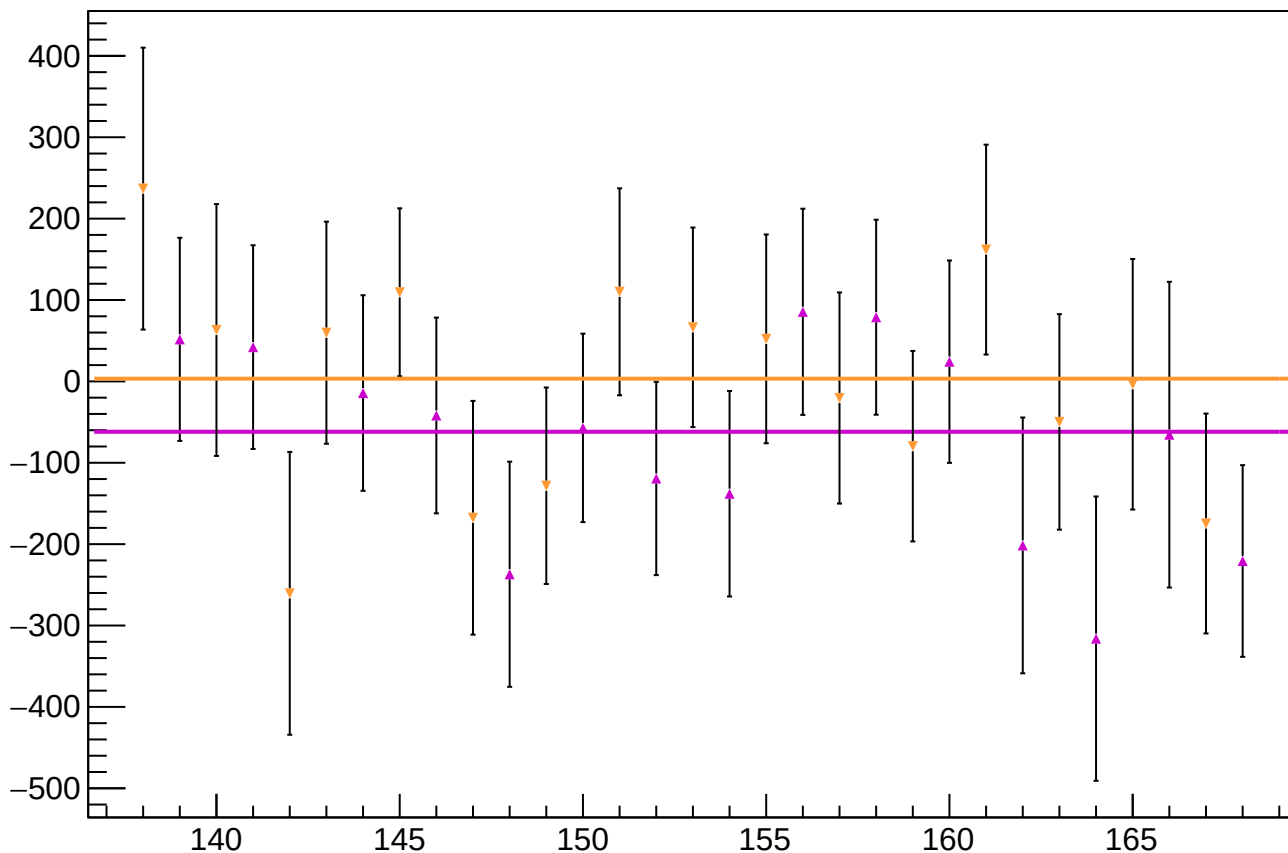
Left In: 505.444+/-0.105 χ^2/NDF : 352199.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.258+/-0.074 χ^2/NDF : 882502.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 3.337+/-33.176 χ^2/NDF :13.2/15

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

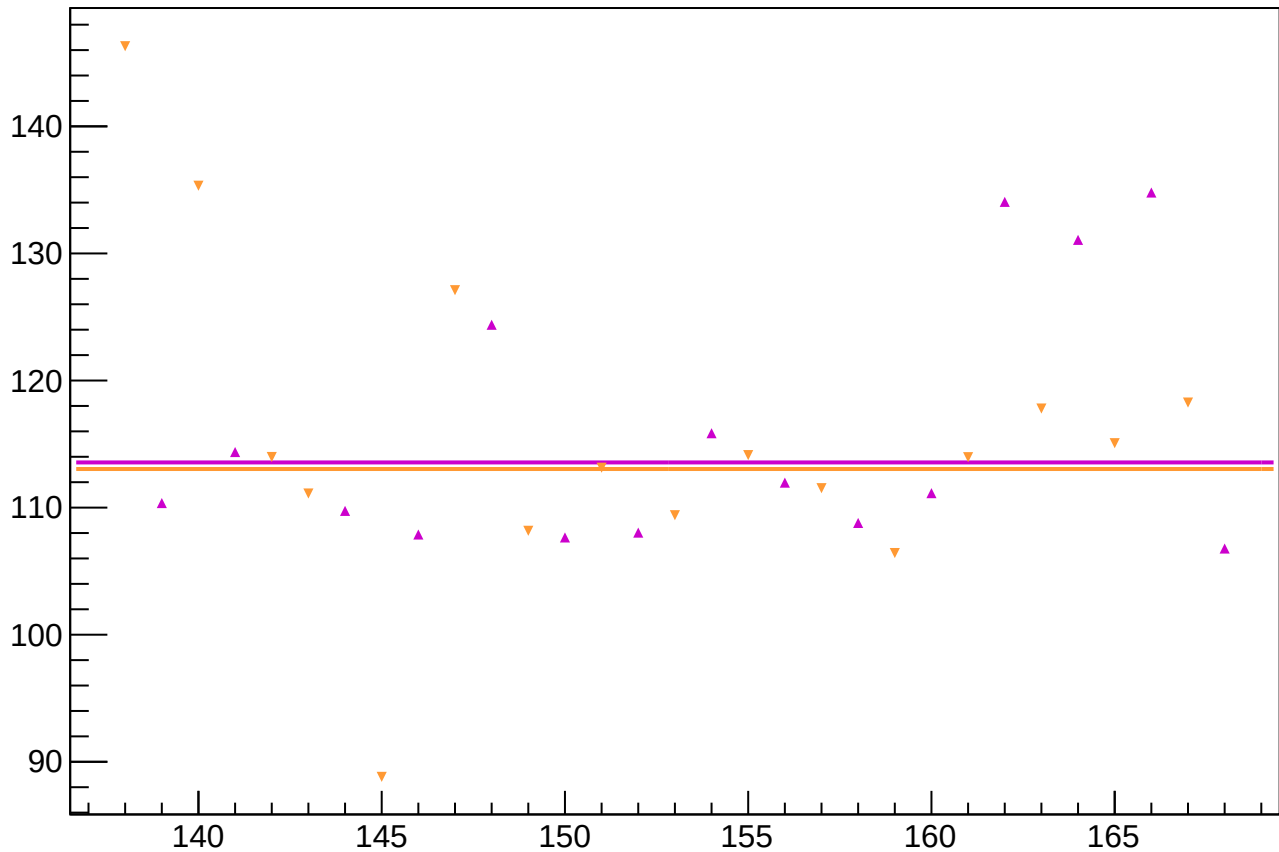
Left In: -61.904+/-33.383 χ^2/NDF :11.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.080+/-23.532 χ^2/NDF : 26.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 113.037+/-0.023 χ^2/NDF : 262923.3/15

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

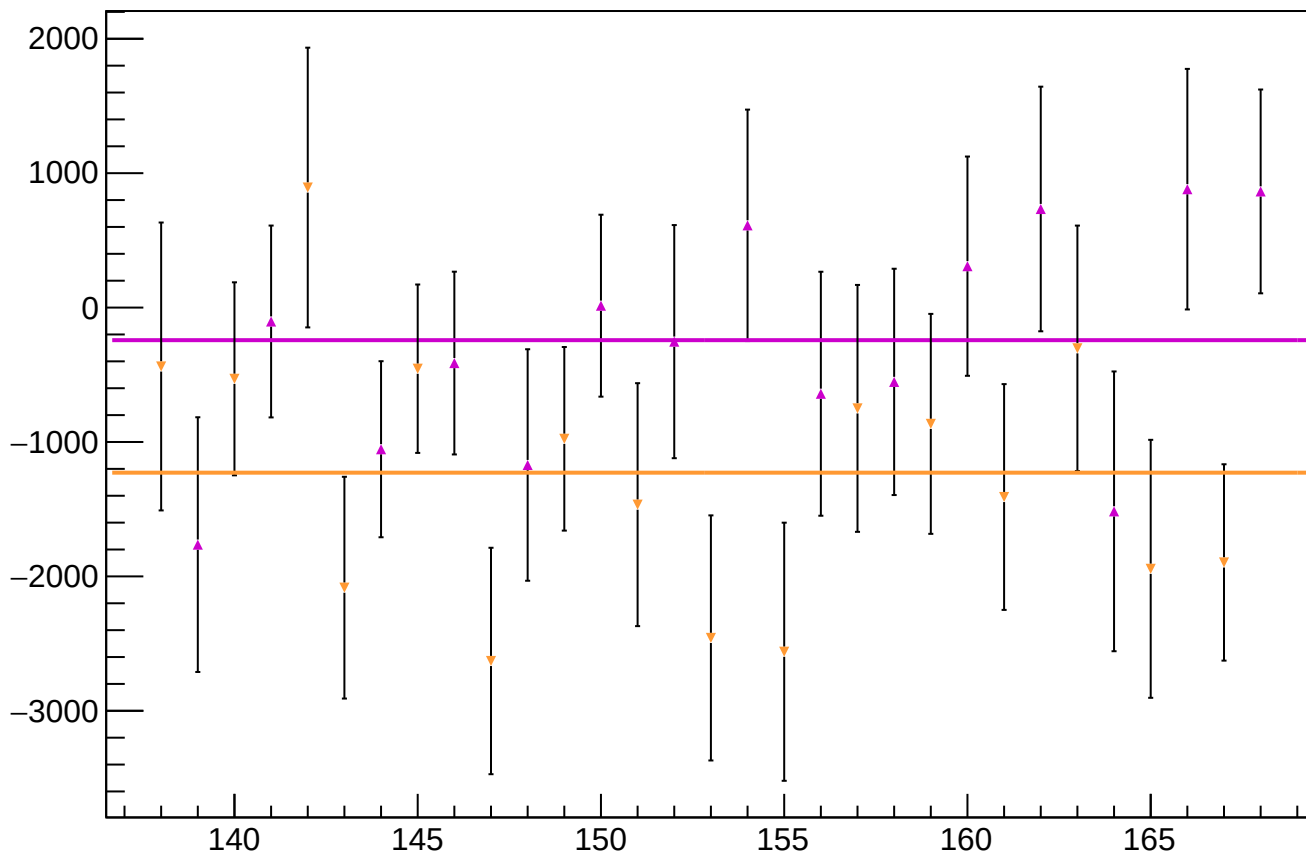
Left In: 113.555+/-0.024 χ^2/NDF : 120863.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.295+/-0.017 χ^2/NDF : 384029.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -1228.271 $\pm$ 208.186 χ^2 /NDF:17.9/15

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

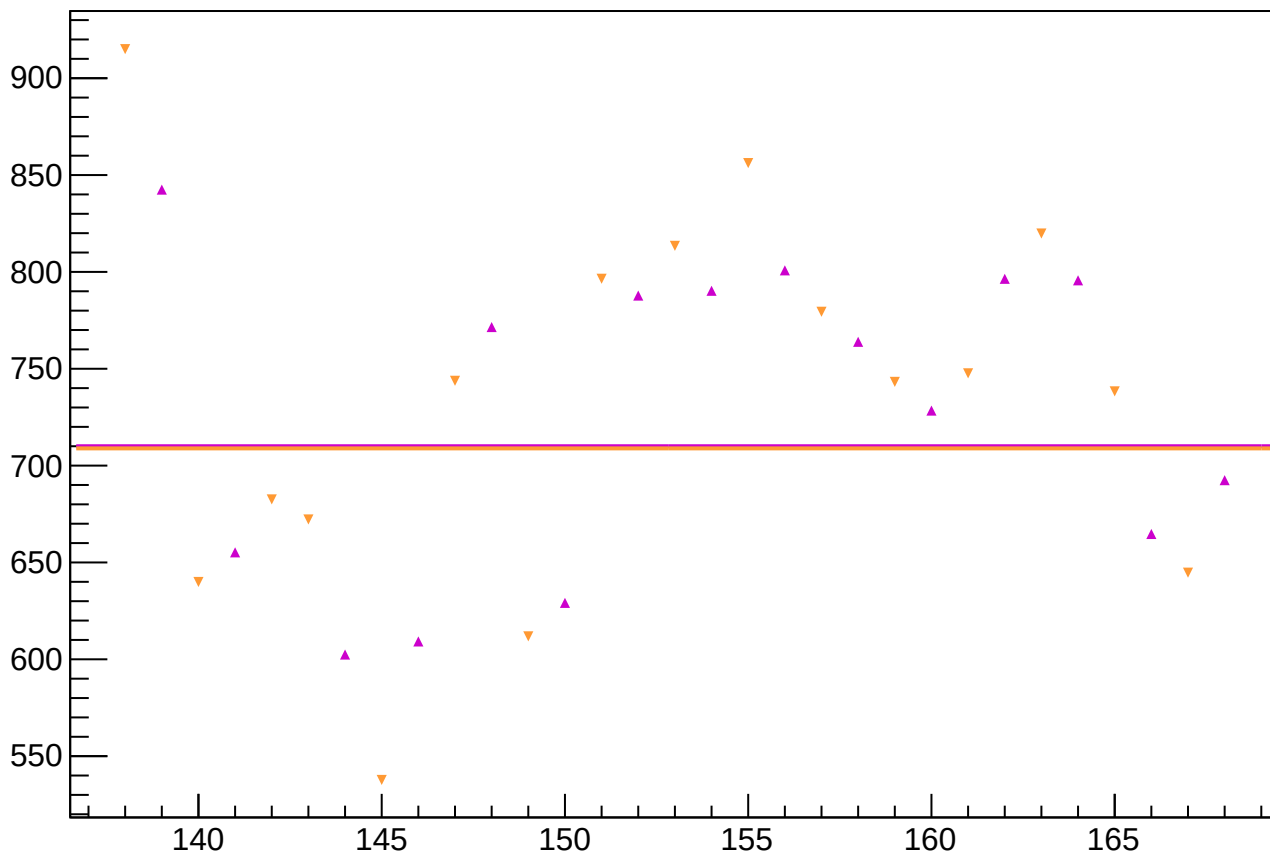
Left In: -242.419 $\pm$ 208.389 χ^2 /NDF:13.6/14

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

All: -735.826 $\pm$ 147.281 χ^2 /NDF: 42.7/30

- sign 0.000 $\pm$ 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: 708.892+/-0.147 χ^2/NDF : 449437.9/15

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

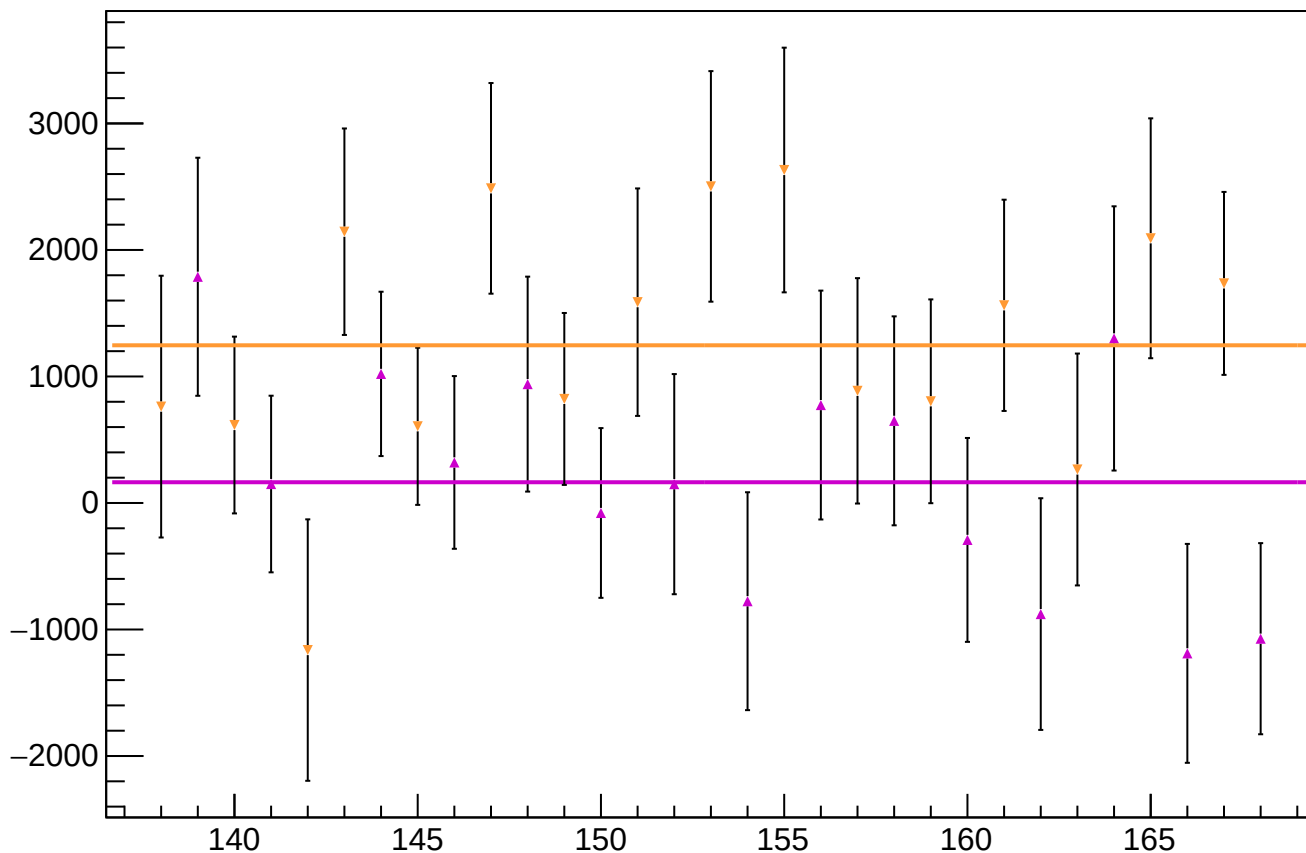
Left In: 709.996+/-0.147 χ^2/NDF : 287989.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.443+/-0.104 χ^2/NDF : 737455.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 1246.467 $\pm$ 205.912 χ^2 /NDF:18.5/15

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

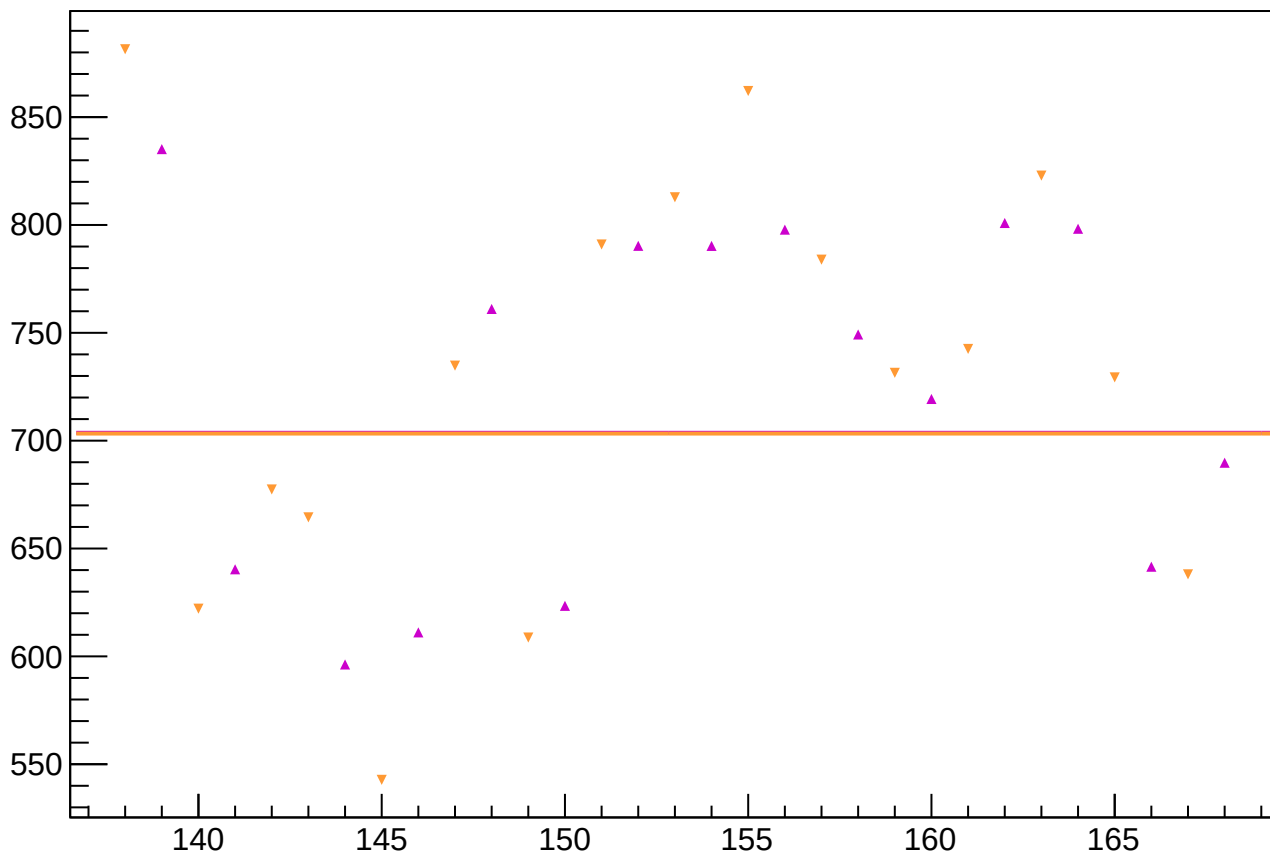
Left In: 163.976 $\pm$ 206.712 χ^2 /NDF:15.7/14

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

All: 707.319 $\pm$ 145.884 χ^2 /NDF: 47.9/30

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

asym_sam_1548_avg_rms vs Slug



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

Left Out: 703.300+/-0.146 χ^2/NDF :444291.1/15

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

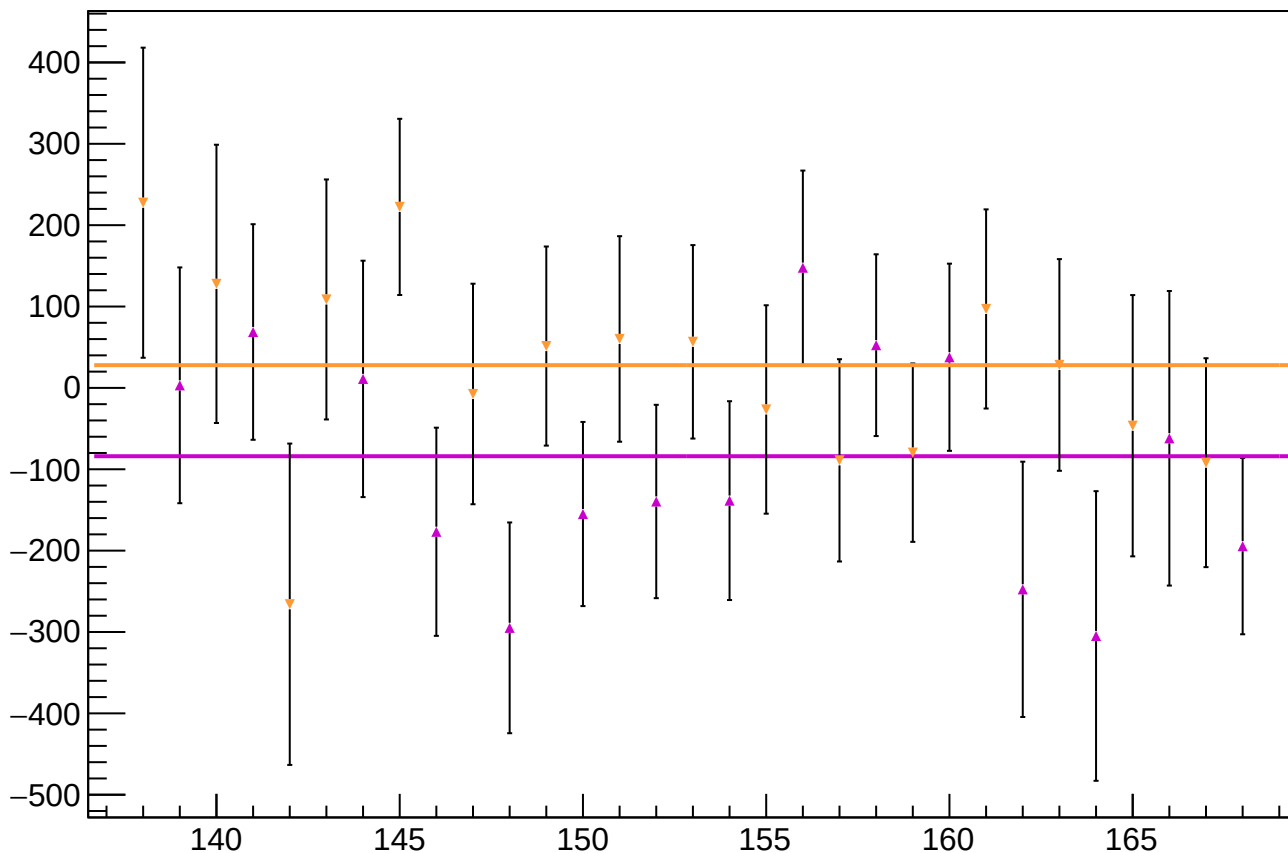
Left In: 703.643+/-0.146 χ^2/NDF :303297.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.471+/-0.103 χ^2/NDF : 747591.3/30

- 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: 27.952 $\pm$ 33.194 χ^2 /NDF:10.8/15

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

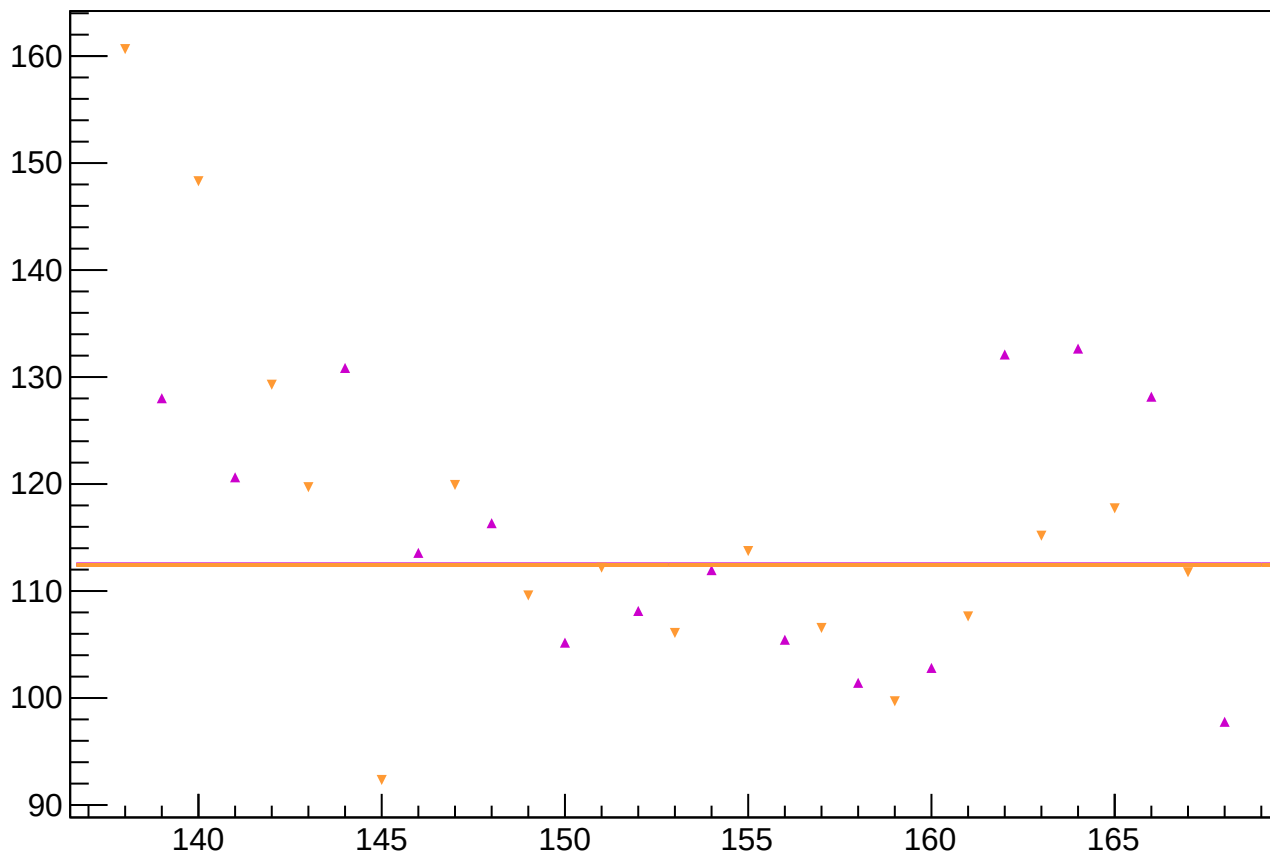
Left In: -83.970 $\pm$ 33.286 χ^2 /NDF:16.2/14

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

All: -27.854 $\pm$ 23.504 χ^2 /NDF: 32.7/30

- 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: 112.435+/-0.023 χ^2/NDF : 355153.8/15

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

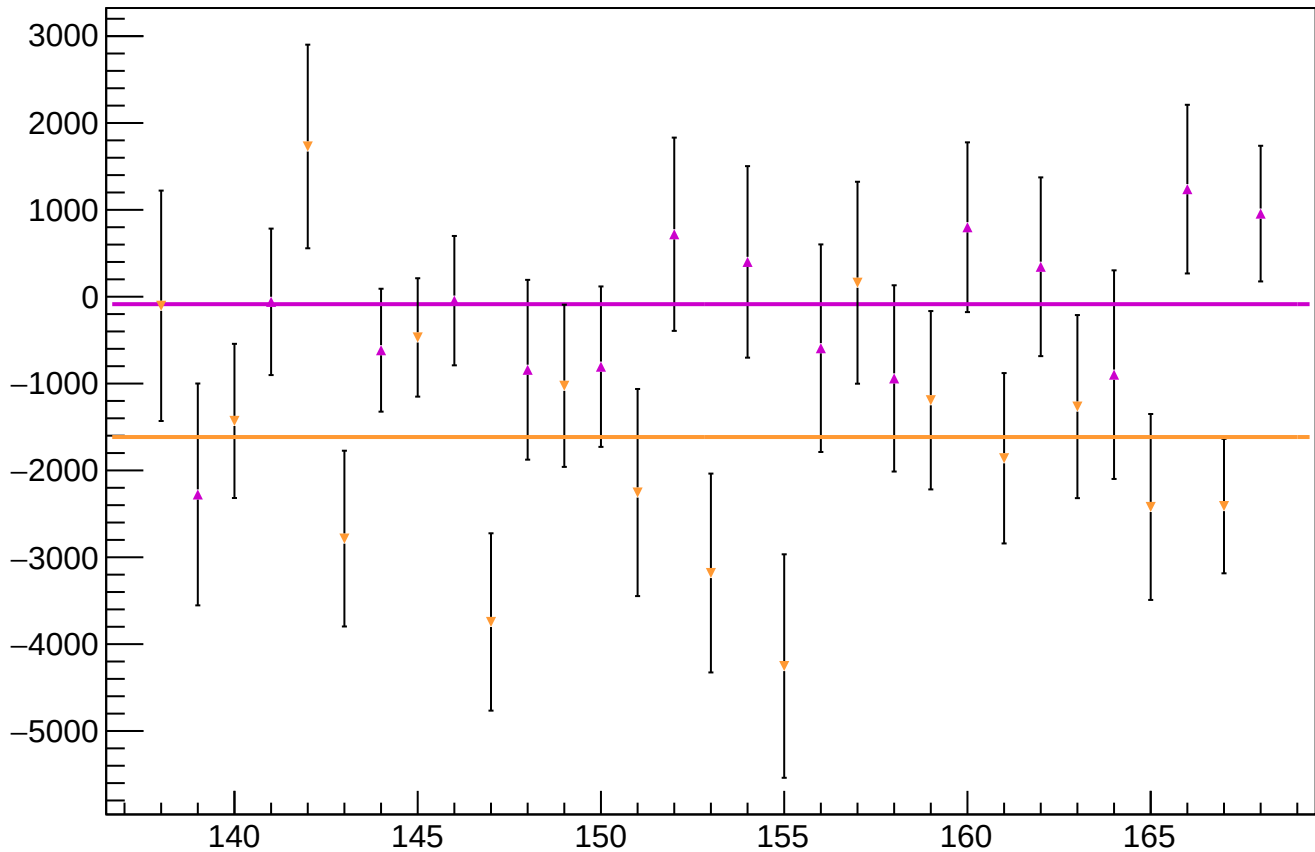
Left In: 112.488+/-0.024 χ^2/NDF : 225082.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.461+/-0.017 χ^2/NDF : 580238.5/30

- 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: -1615.578+/-249.672 χ^2/NDF : 29.1/15

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

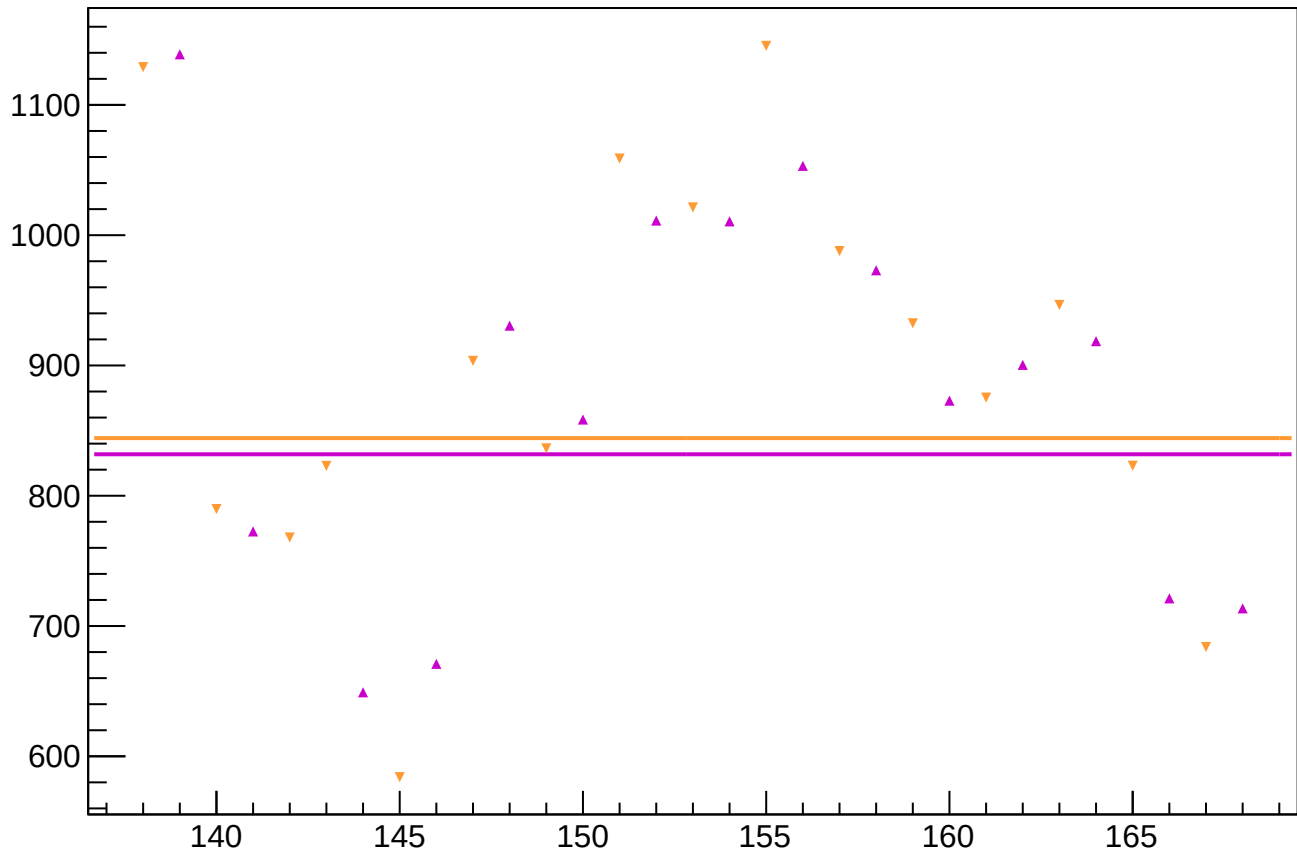
Left In: -85.948+/-246.094 χ^2/NDF : 11.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -839.724+/-175.266 χ^2/NDF : 59.4/30

- 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: 844.243+/-0.177 χ^2/NDF : 782422.3/15

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

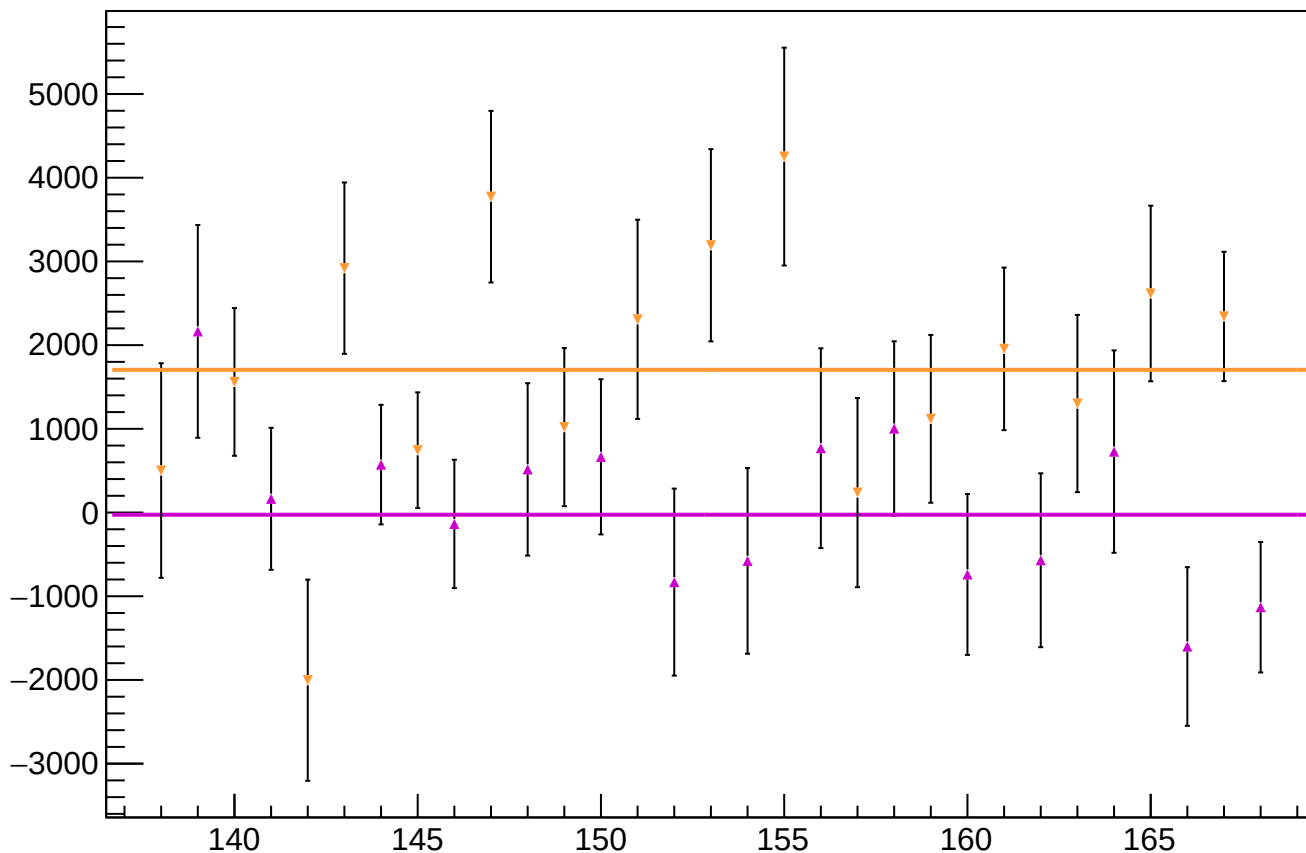
Left In: 831.835+/-0.174 χ^2/NDF : 674643.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.950+/-0.124 χ^2/NDF : 1459571.6/30

- 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: 1704.906+/-249.421 χ^2/NDF : 27.8/15

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

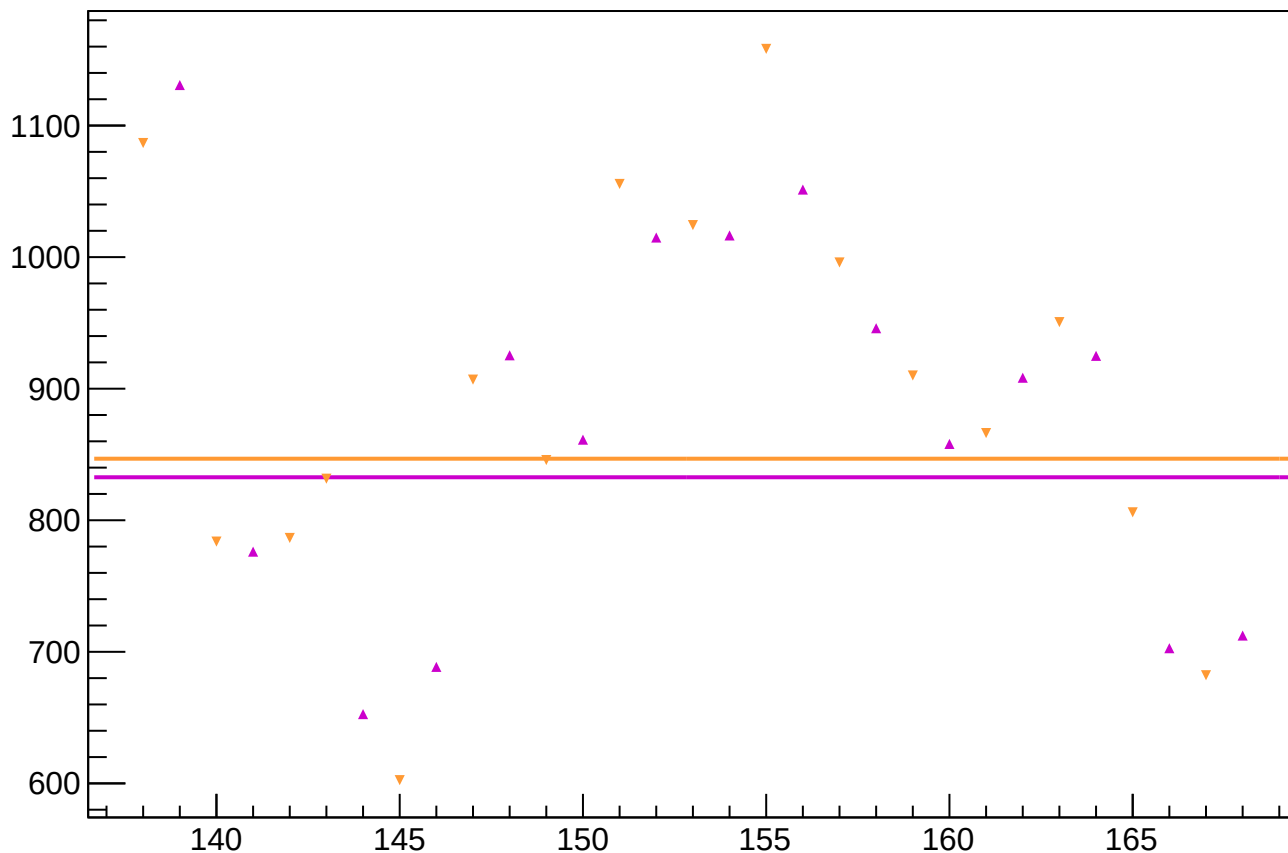
Left In: -25.944+/-246.441 χ^2/NDF : 12.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 829.078+/-175.304 χ^2/NDF : 64.9/30

- 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: 846.788+/-0.176 χ^2/NDF : 722951.1/15

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

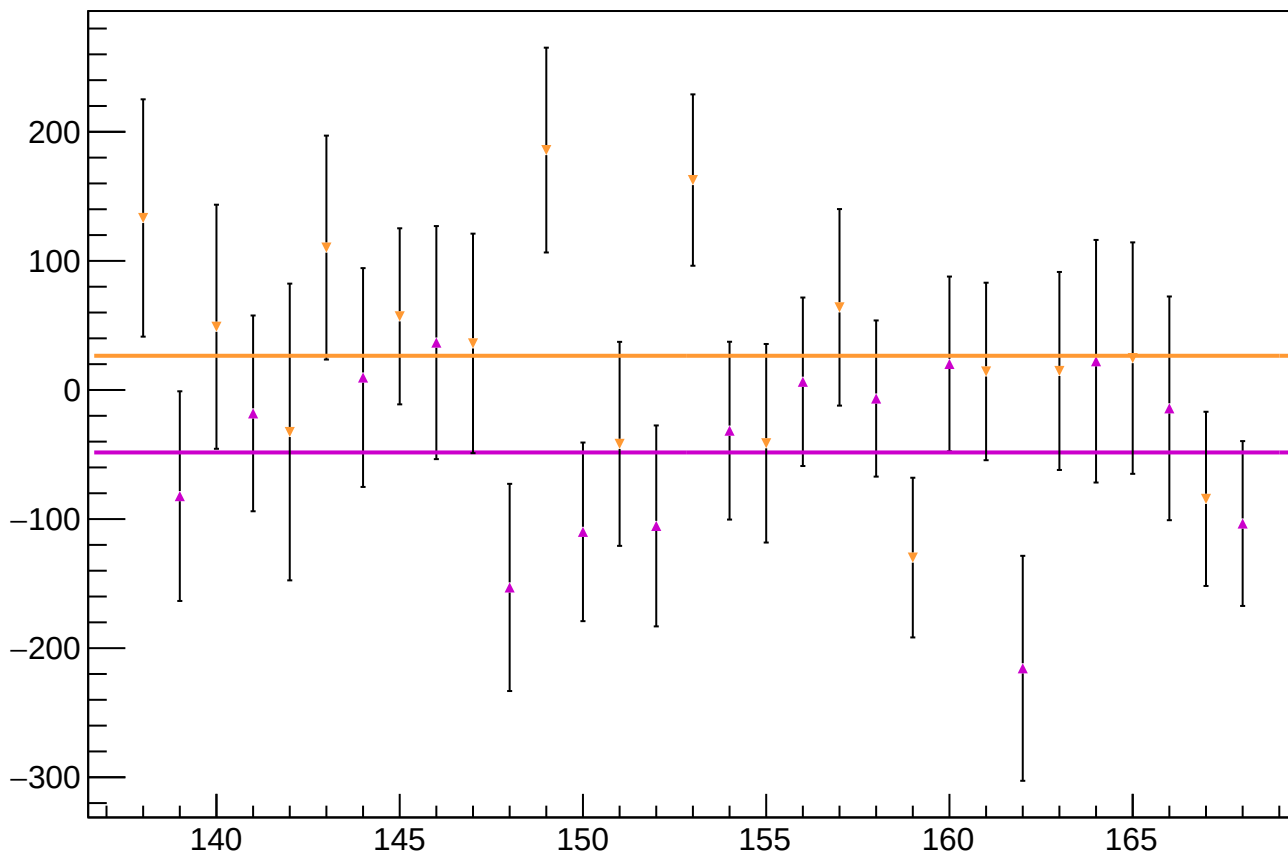
Left In: 832.676+/-0.174 χ^2/NDF : 642494.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.647+/-0.124 χ^2/NDF : 1368685.1/30

- 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: 26.502+/-19.364 χ^2/NDF : 22.0/15

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

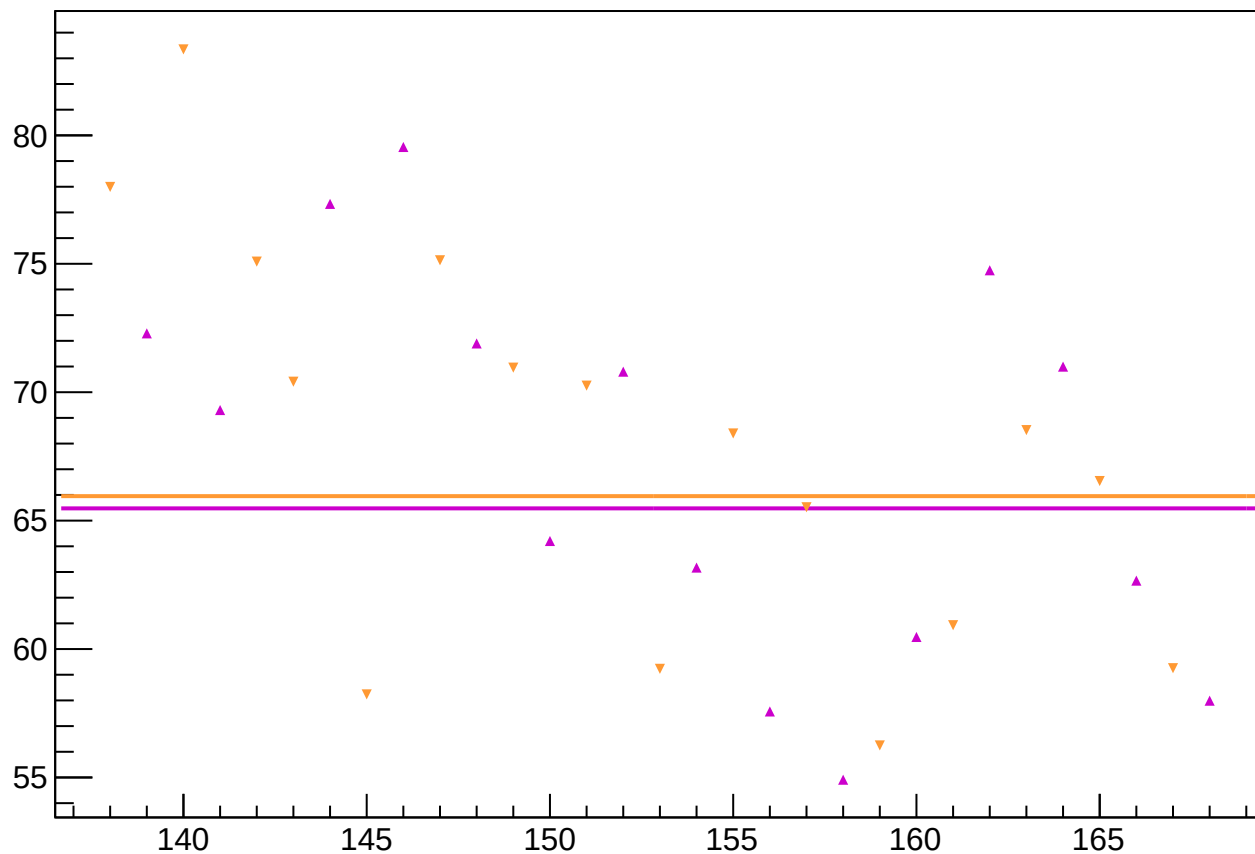
Left In: -48.394+/-19.326 χ^2/NDF : 12.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.018+/-13.679 χ^2/NDF : 41.6/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 65.953+/-0.014 χ^2/NDF : 287329.0/15

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

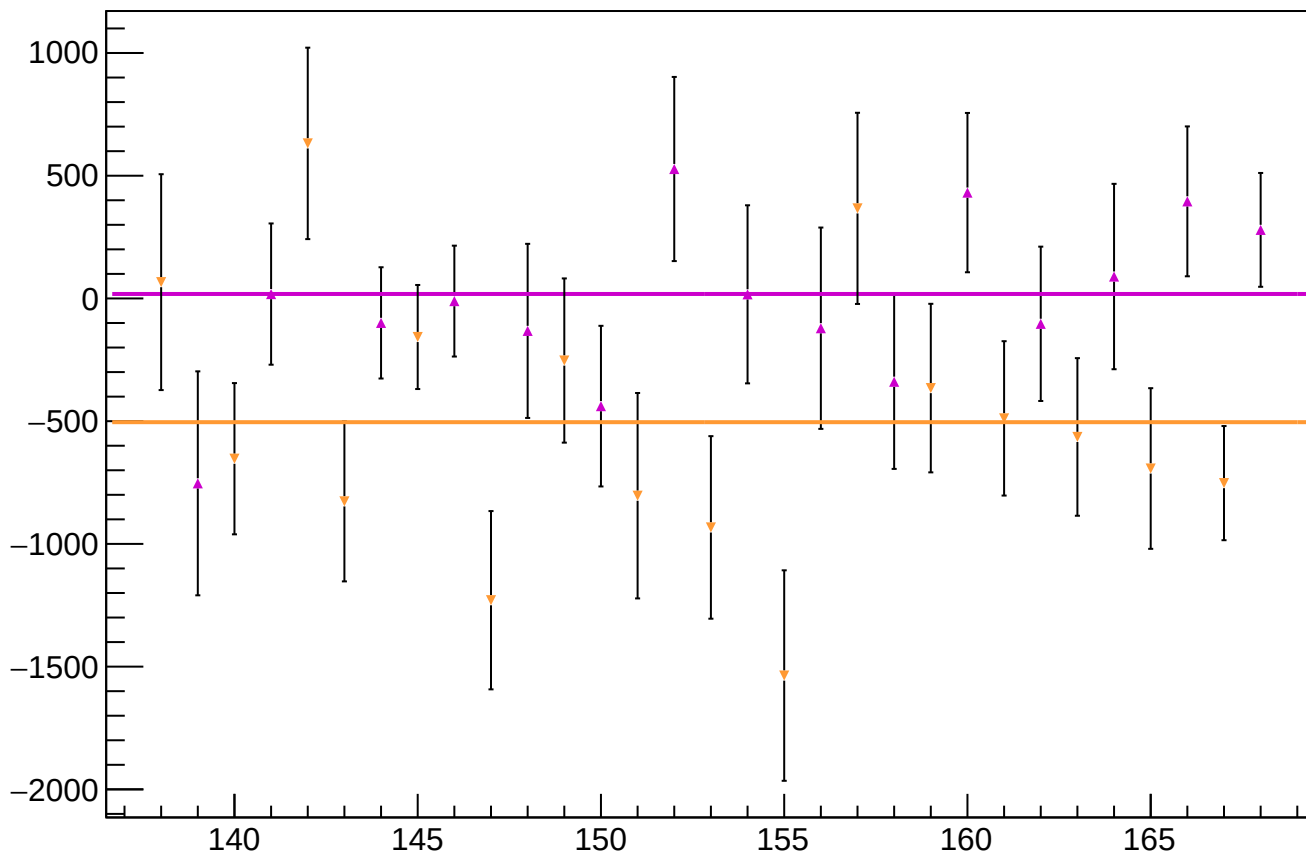
Left In: 65.477+/-0.014 χ^2/NDF : 292432.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.715+/-0.010 χ^2/NDF : 580367.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -504.086+/-81.227 χ^2/NDF : 32.9/15

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

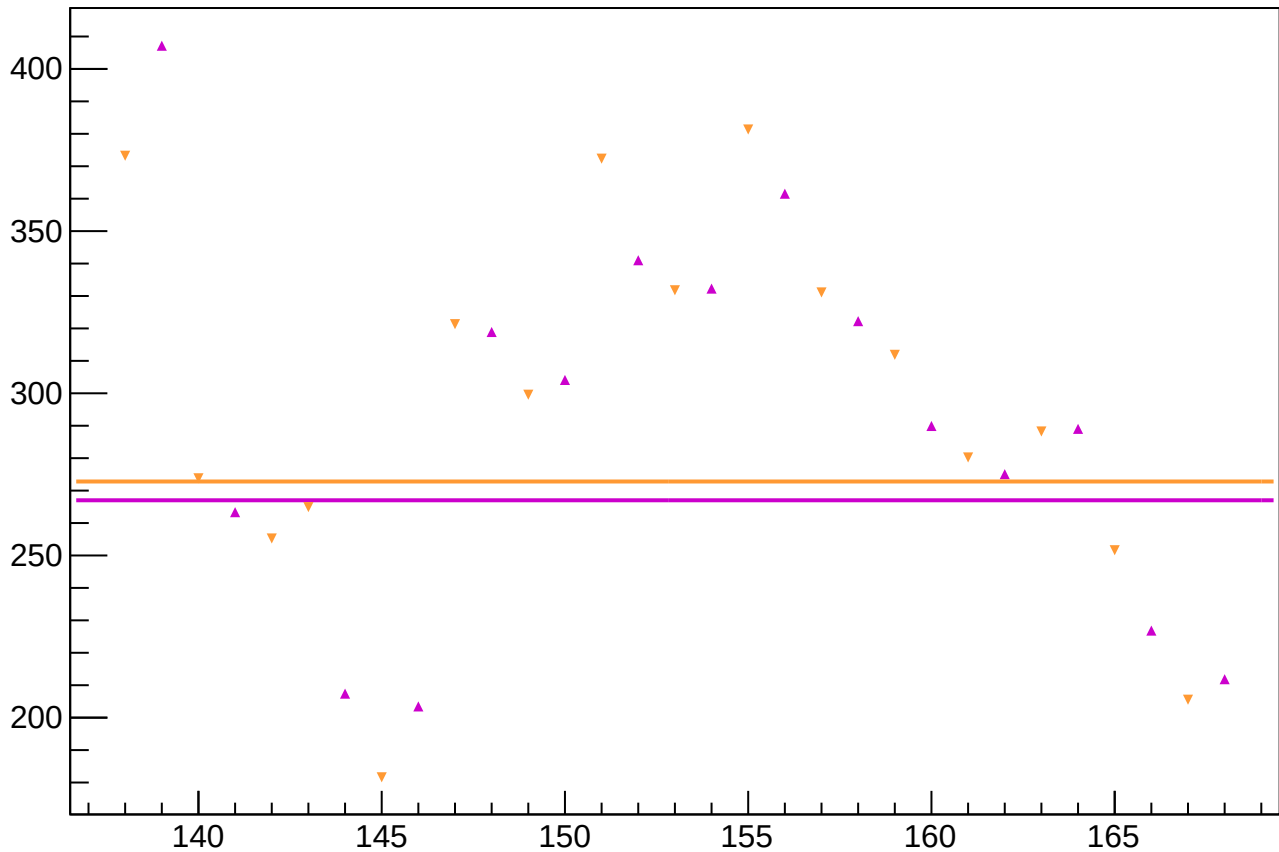
Left In: 18.225+/-79.614 χ^2/NDF : 12.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.692+/-56.857 χ^2/NDF : 66.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 272.809+/-0.057 χ^2/NDF :1072030.5/15

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

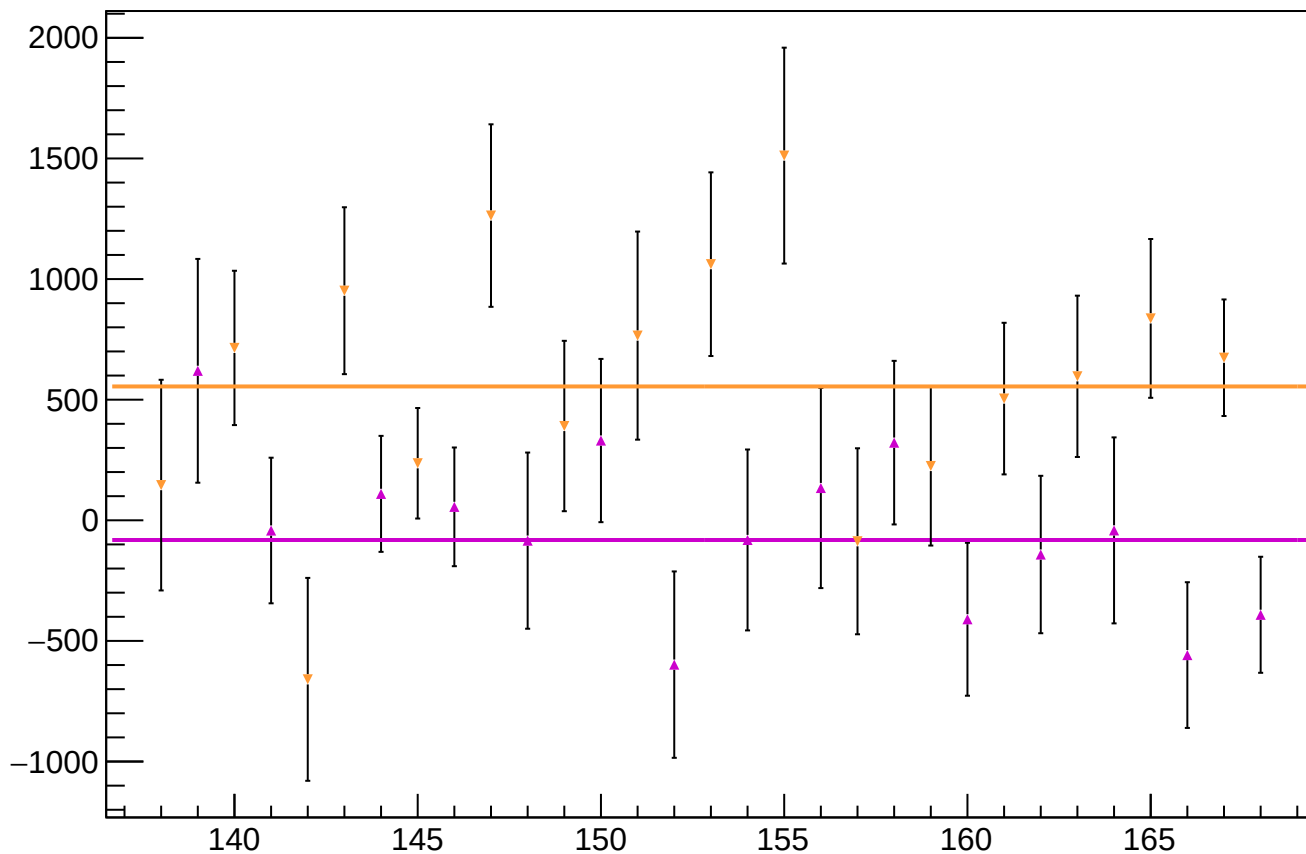
Left In: 267.017+/-0.056 χ^2/NDF :1017307.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.855+/-0.040 χ^2/NDF : 2094523.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 554.846 $\pm$ 84.003 χ^2 /NDF:27.8/15

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

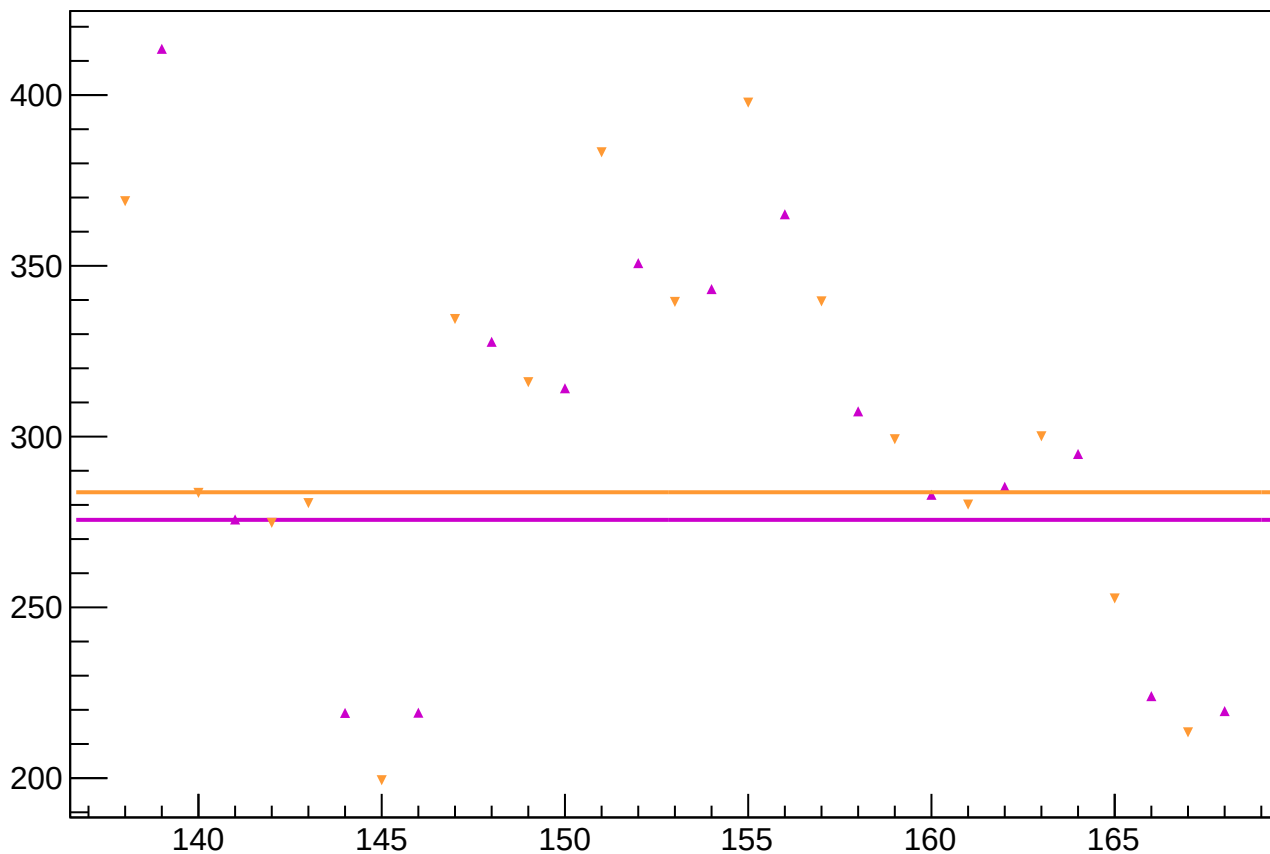
Left In: -81.669 $\pm$ 82.114 χ^2 /NDF:13.5/14

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

All: 229.352 $\pm$ 58.720 χ^2 /NDF: 70.7/30

- sign 0.000 $\pm$ 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: 283.708+/-0.059 χ^2/NDF : 918838.3/15

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

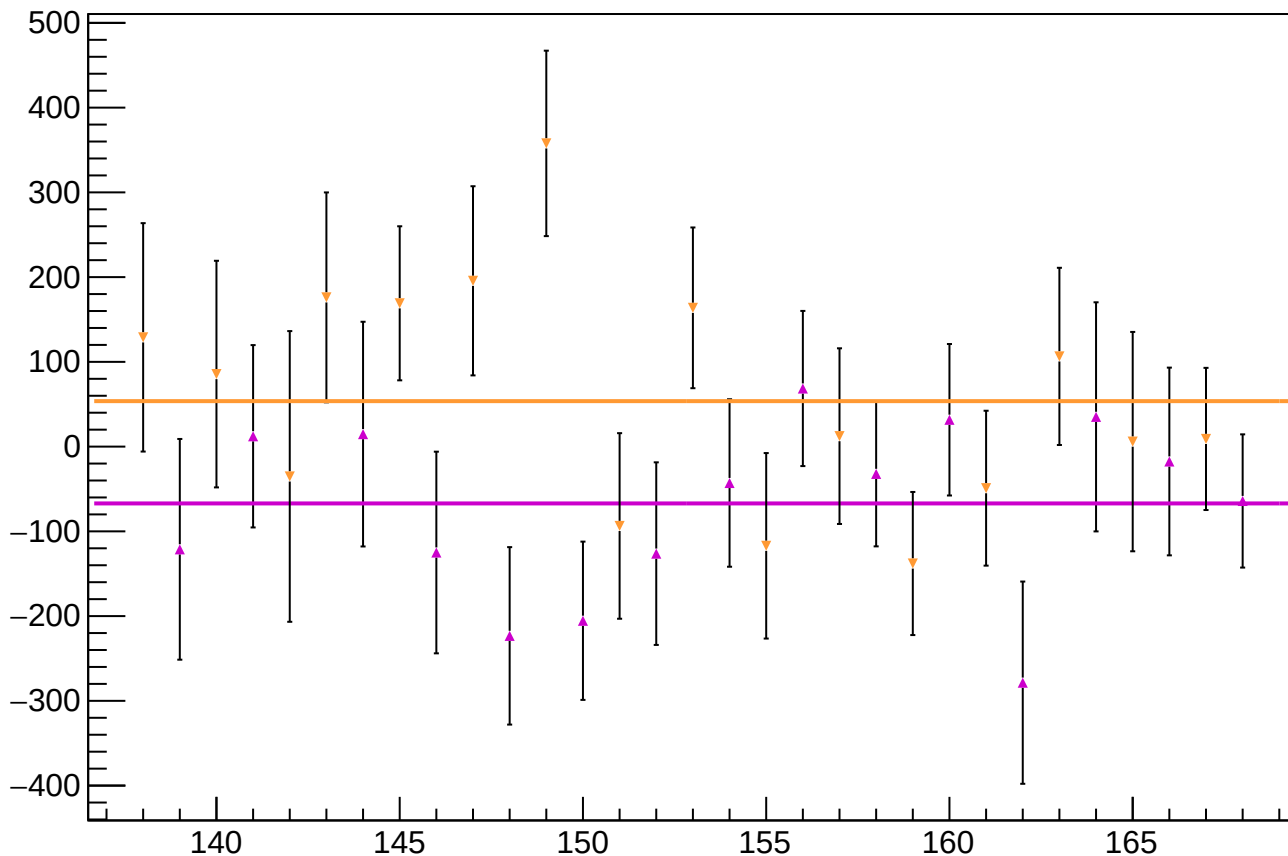
Left In: 275.626+/-0.058 χ^2/NDF : 885183.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.575+/-0.042 χ^2/NDF : 1813488.6/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



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

Left Out: 53.653 $\pm$ 26.541 χ^2 /NDF:25.4/15

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

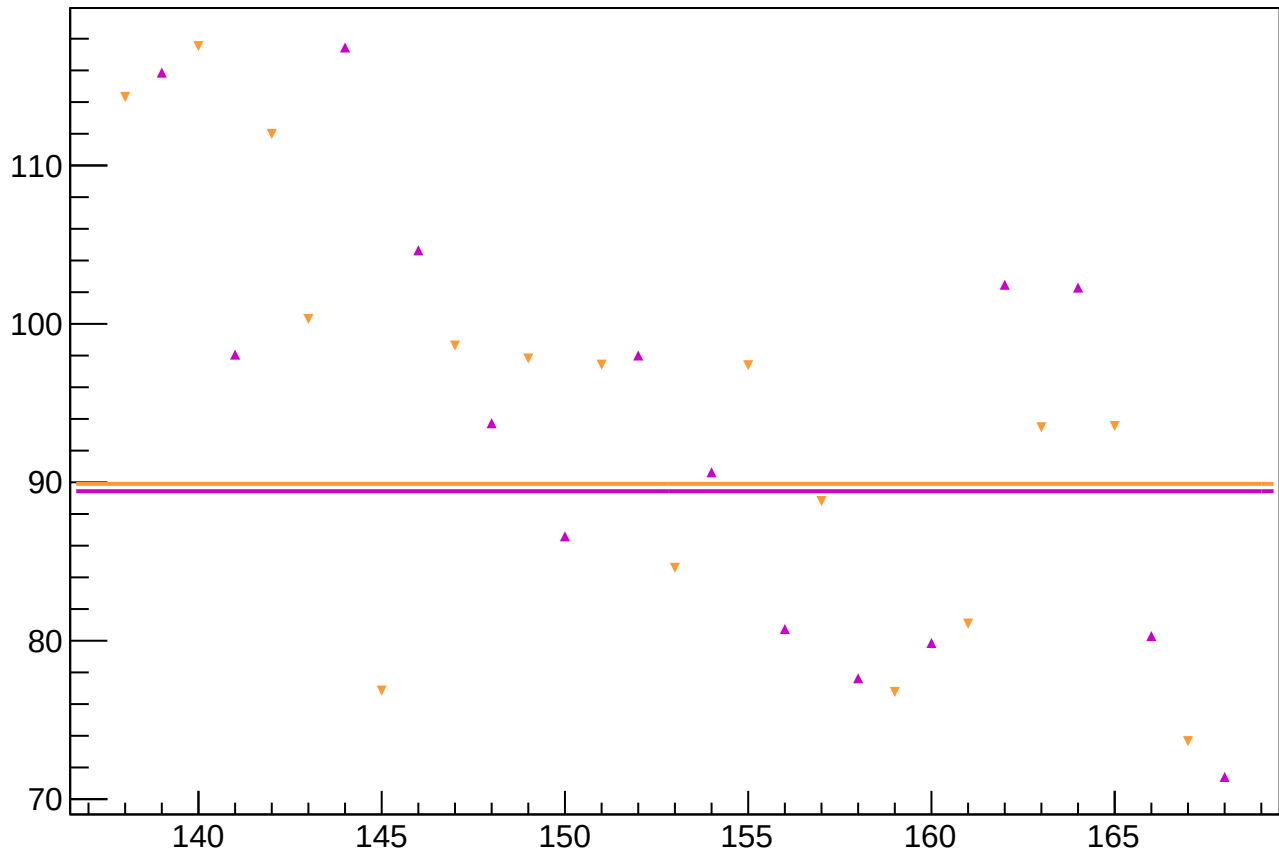
Left In: -67.050 $\pm$ 26.567 χ^2 /NDF:13.6/14

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

All: -6.641 $\pm$ 18.776 χ^2 /NDF: 49.4/30

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

dit_asym_sam_3726_avg_rms vs Slug



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

Left Out: 89.902+/-0.019 χ^2/NDF :433530.7/15

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

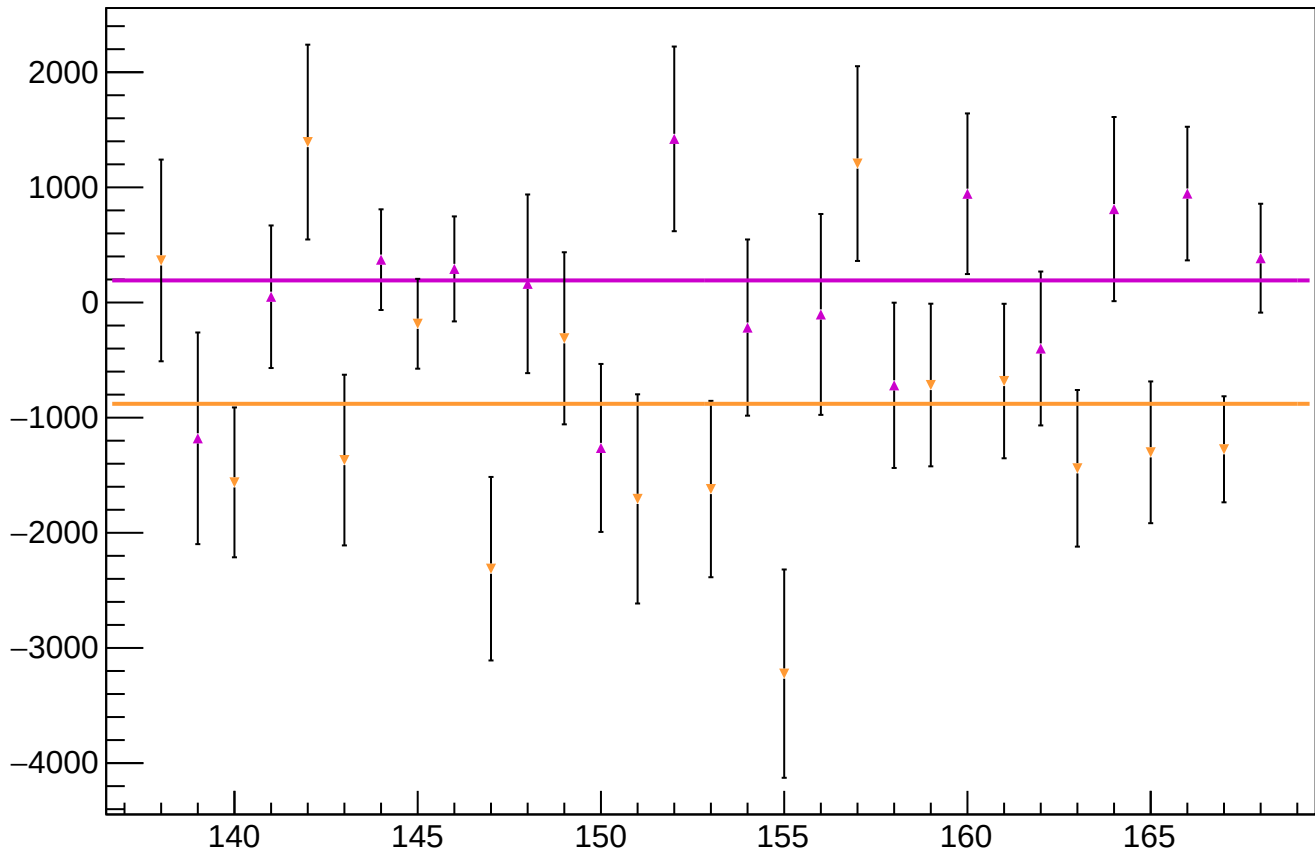
Left In: 89.438+/-0.019 χ^2/NDF :475284.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.670+/-0.013 χ^2/NDF : 909119.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -879.687 $\pm$ 166.435 χ^2 /NDF:34.3/15

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

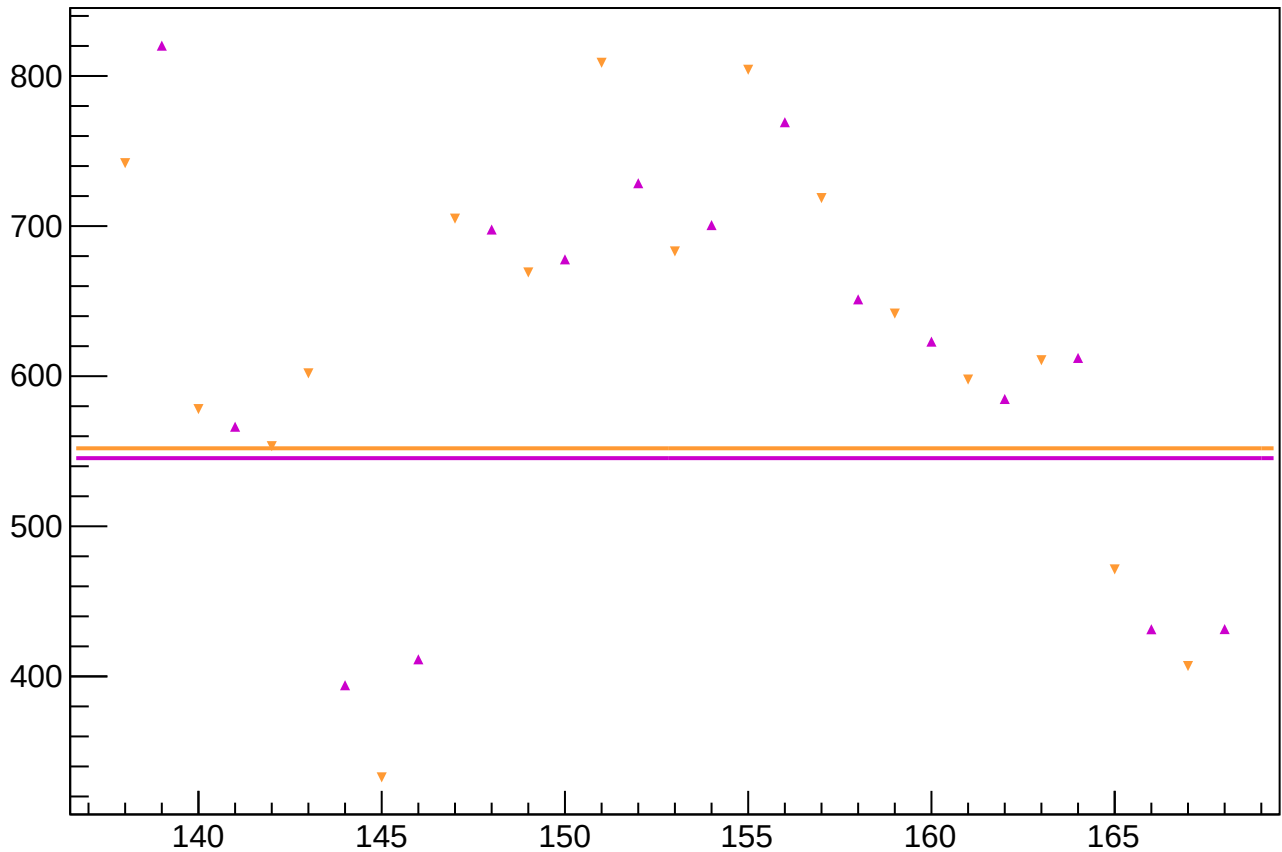
Left In: 191.852 $\pm$ 163.957 χ^2 /NDF:15.2/14

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

All: -335.879 $\pm$ 116.801 χ^2 /NDF: 70.6/30

- sign 0.000 $\pm$ 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: 551.960+/-0.118 χ^2/NDF :1601953.9/15

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

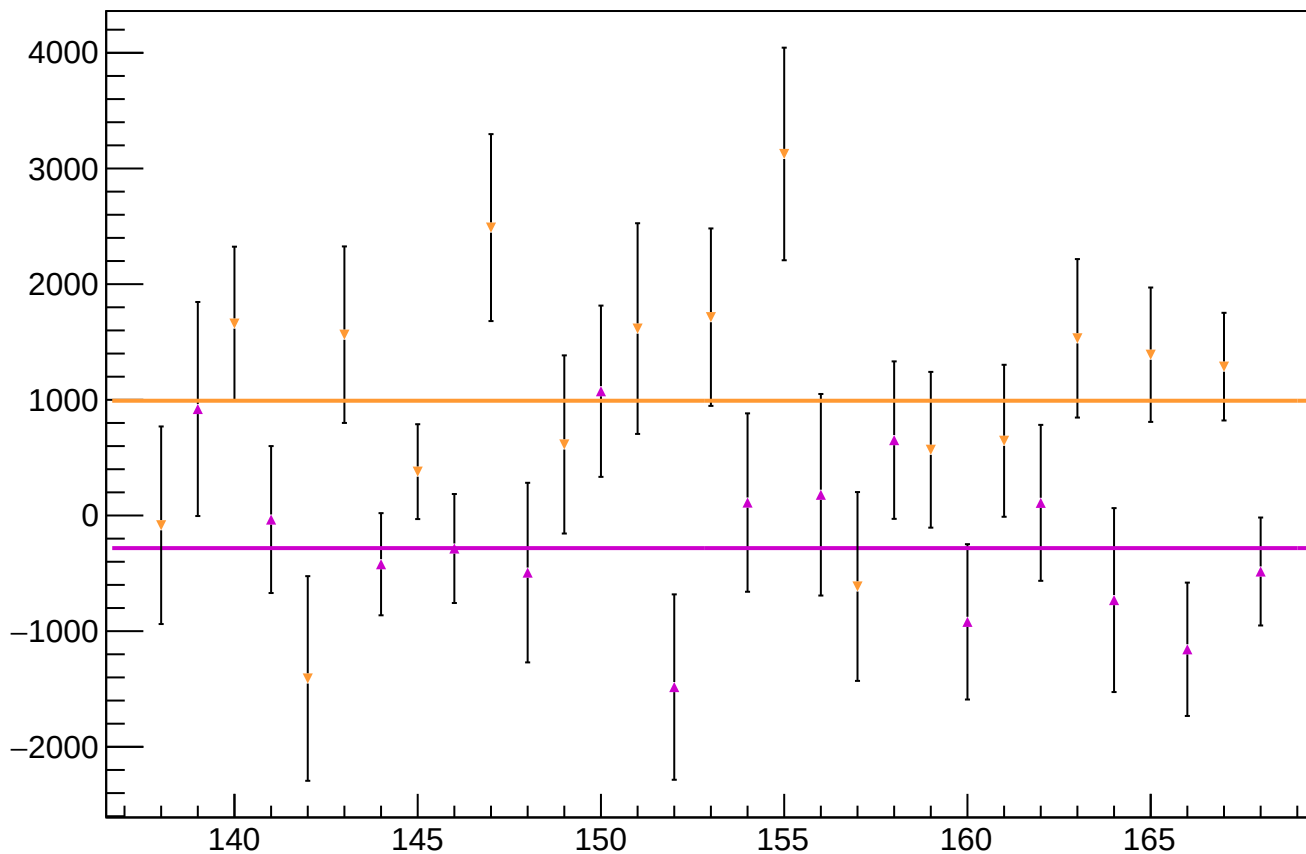
Left In: 545.394+/-0.116 χ^2/NDF :1337190.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.628+/-0.083 χ^2/NDF : 2940724.5/30

- 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: 992.166+/-167.564 χ^2/NDF : 29.2/15

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

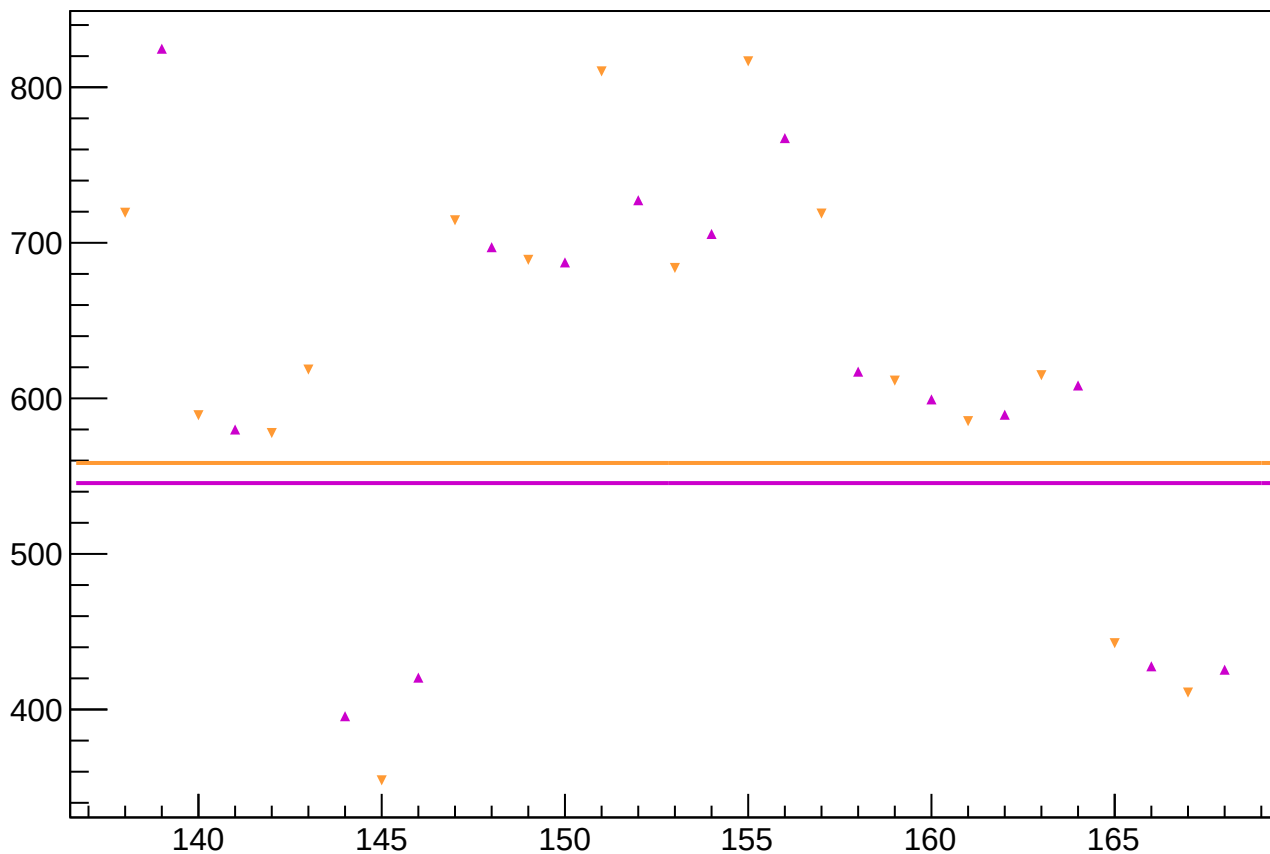
Left In: -282.013+/-164.234 χ^2/NDF : 14.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.291+/-117.291 χ^2/NDF : 72.8/30

- 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: 558.472+/-0.118 χ^2/NDF :1466958.8/15

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

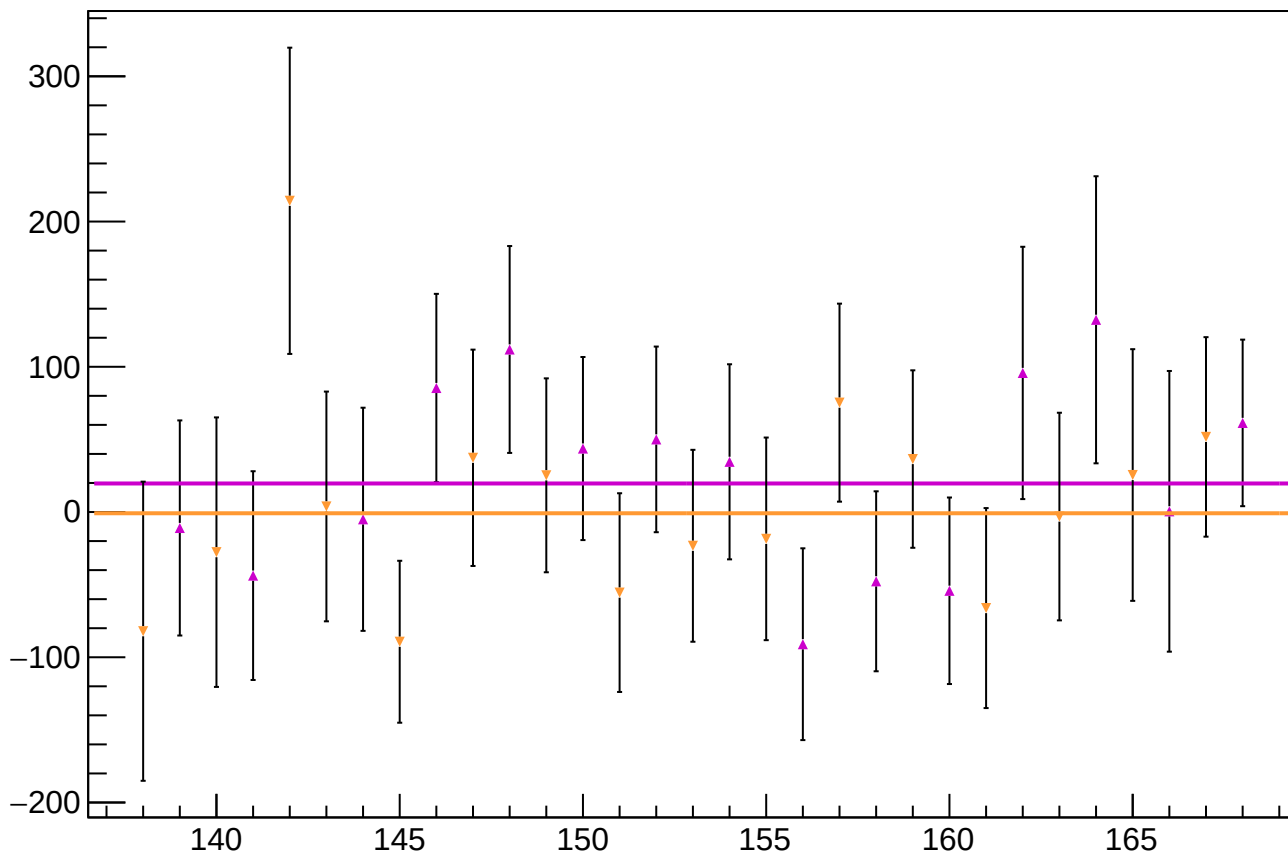
Left In: 545.537+/-0.116 χ^2/NDF :1299332.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.874+/-0.083 χ^2/NDF : 2772369.7/30

- 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: -0.849 $\pm$ 18.048 χ^2 /NDF: 11.8/15

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

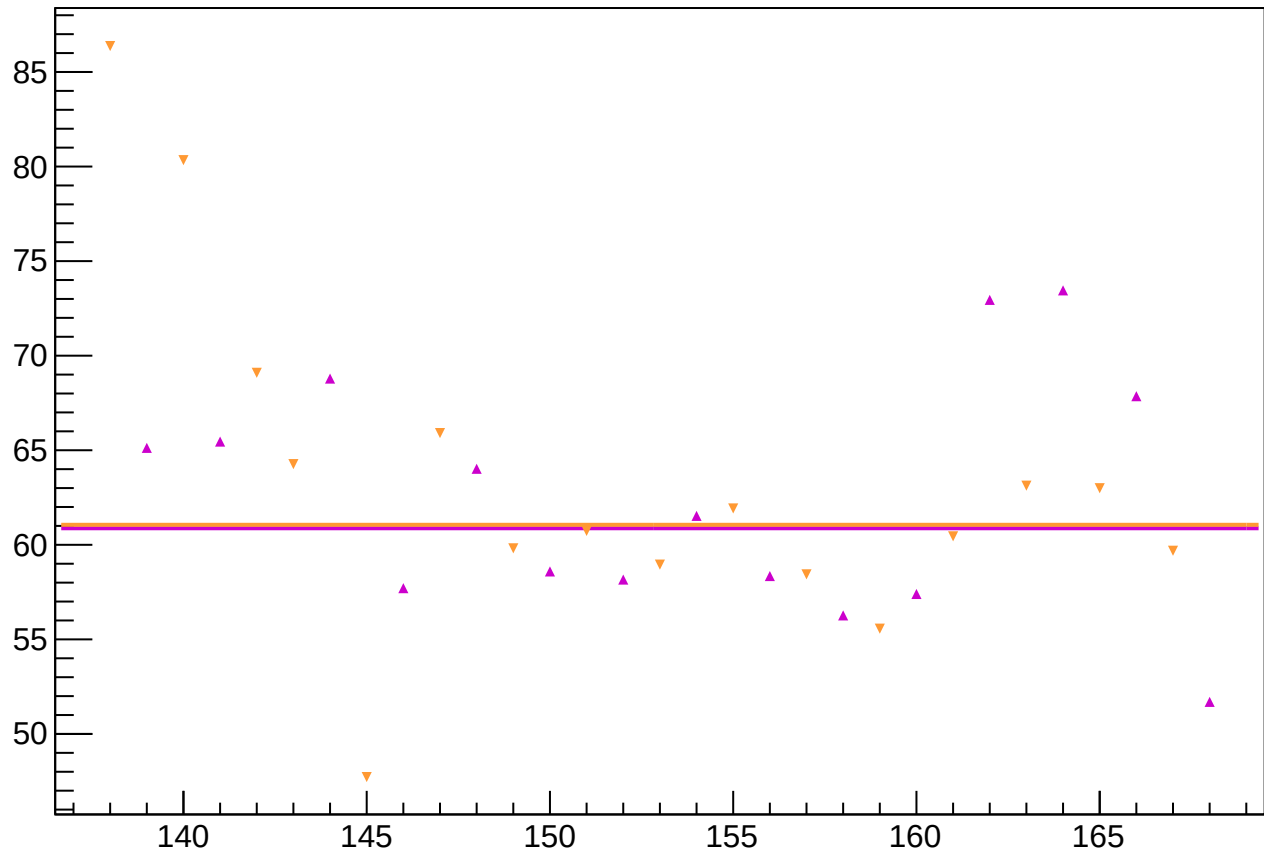
Left In: 19.657 $\pm$ 18.026 χ^2 /NDF: 12.1/14

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

All: 9.416 $\pm$ 12.754 χ^2 /NDF: 24.6/30

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

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 61.058+/-0.013 χ^2/NDF : 370881.5/15

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

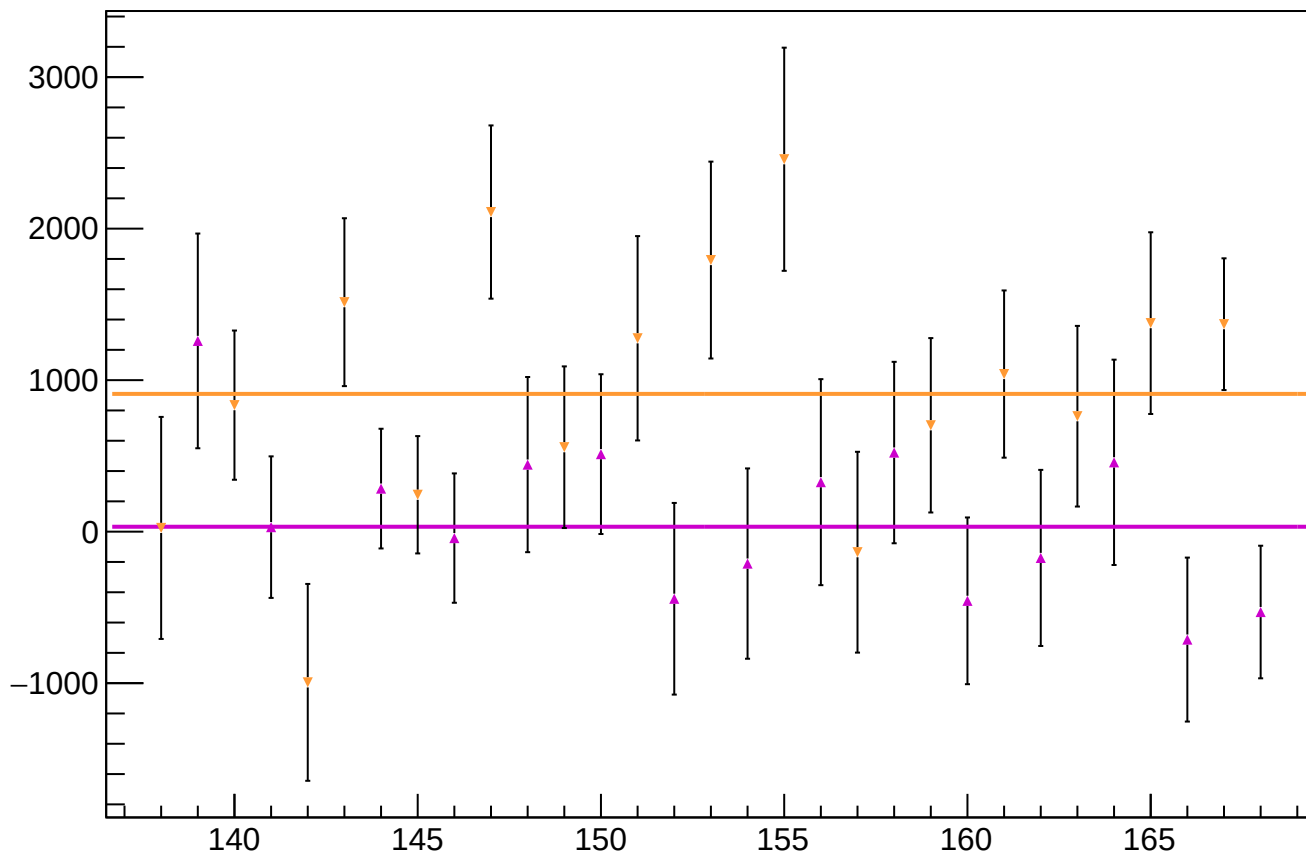
Left In: 60.875+/-0.013 χ^2/NDF : 203645.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.966+/-0.009 χ^2/NDF : 574630.9/30

- 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: 909.266+/-140.398 χ^2/NDF : 30.1/15

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

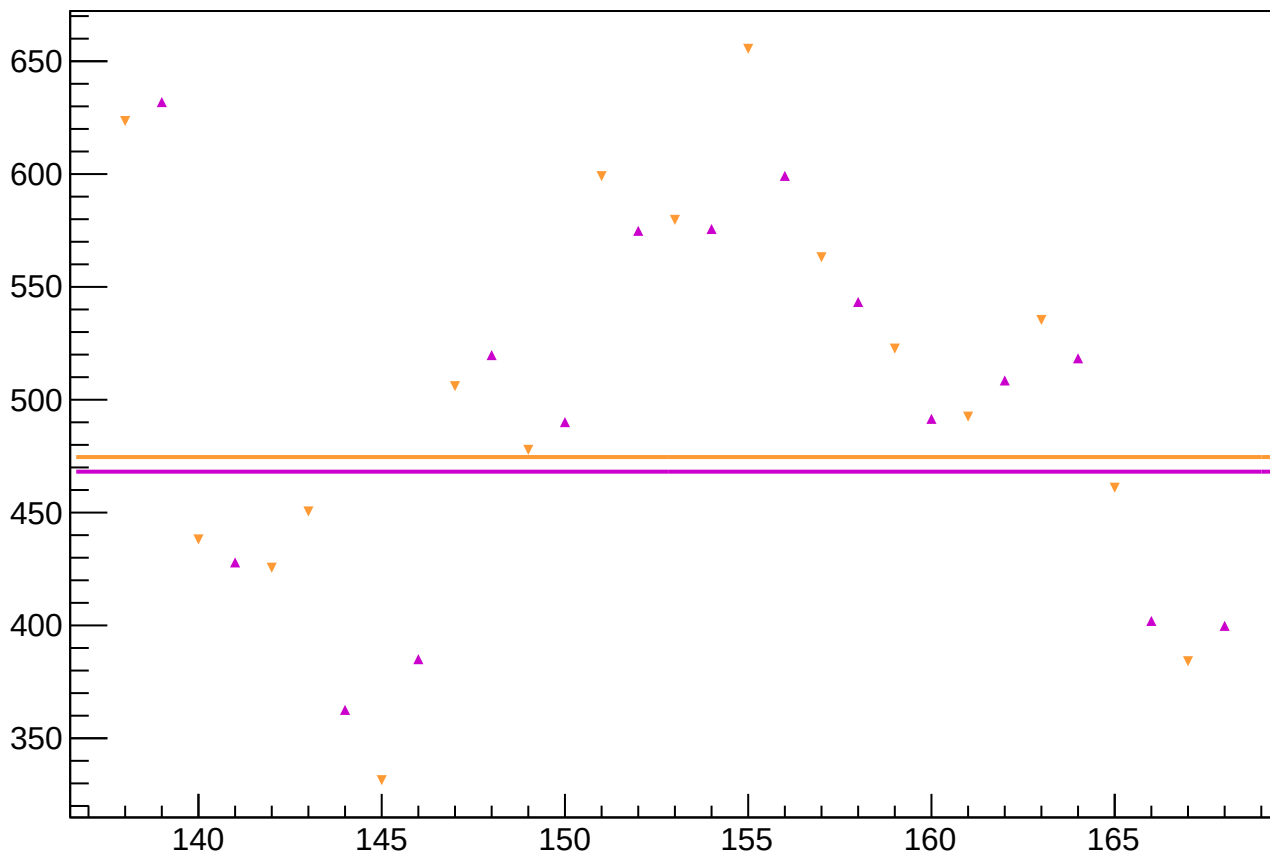
Left In: 32.439+/-138.508 χ^2/NDF : 11.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.912+/-98.602 χ^2/NDF : 61.0/30

- 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: 474.606+/-0.099 χ^2/NDF : 789577.4/15

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

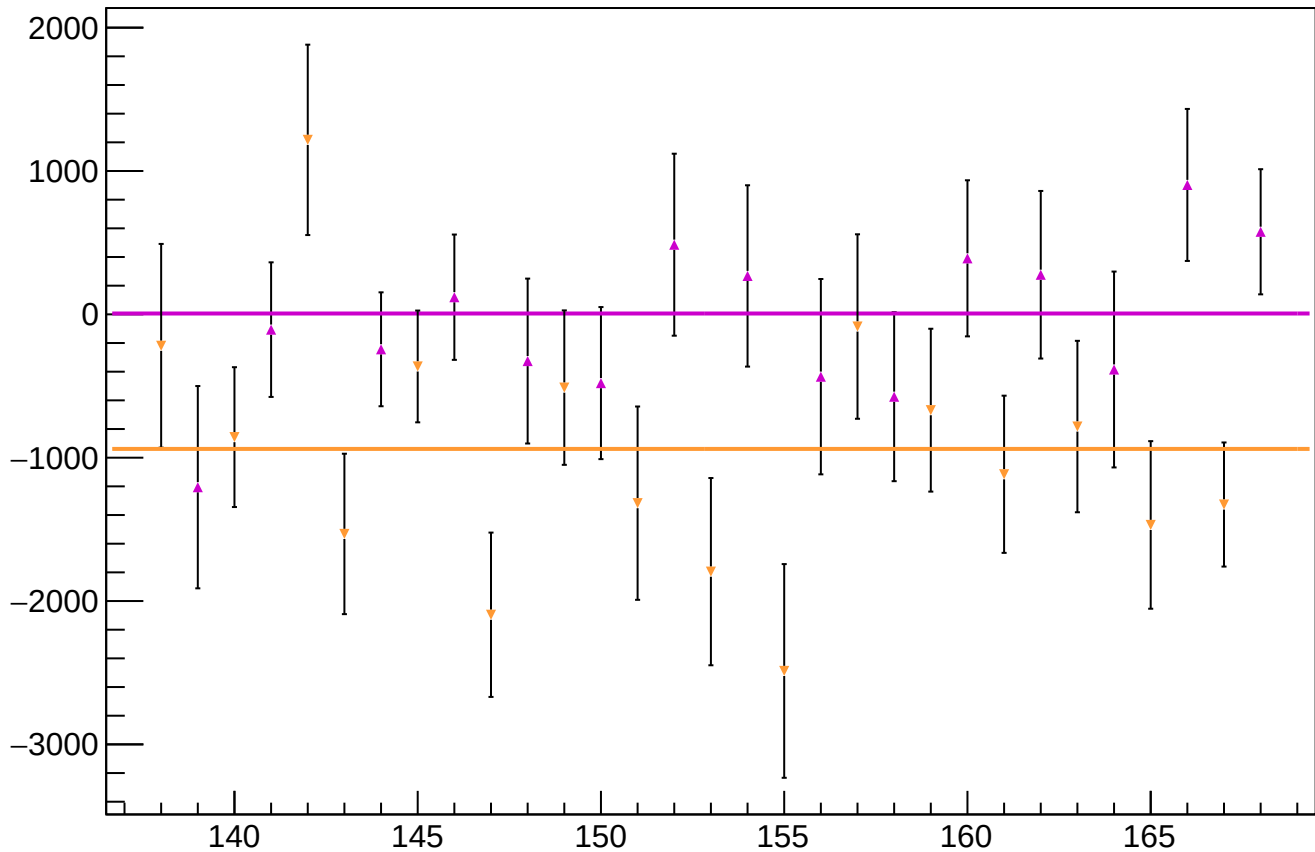
Left In: 468.127+/-0.098 χ^2/NDF : 683983.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.323+/-0.070 χ^2/NDF : 1475719.6/30

- 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: -938.776+/-140.092 χ^2/NDF : 29.7/15

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

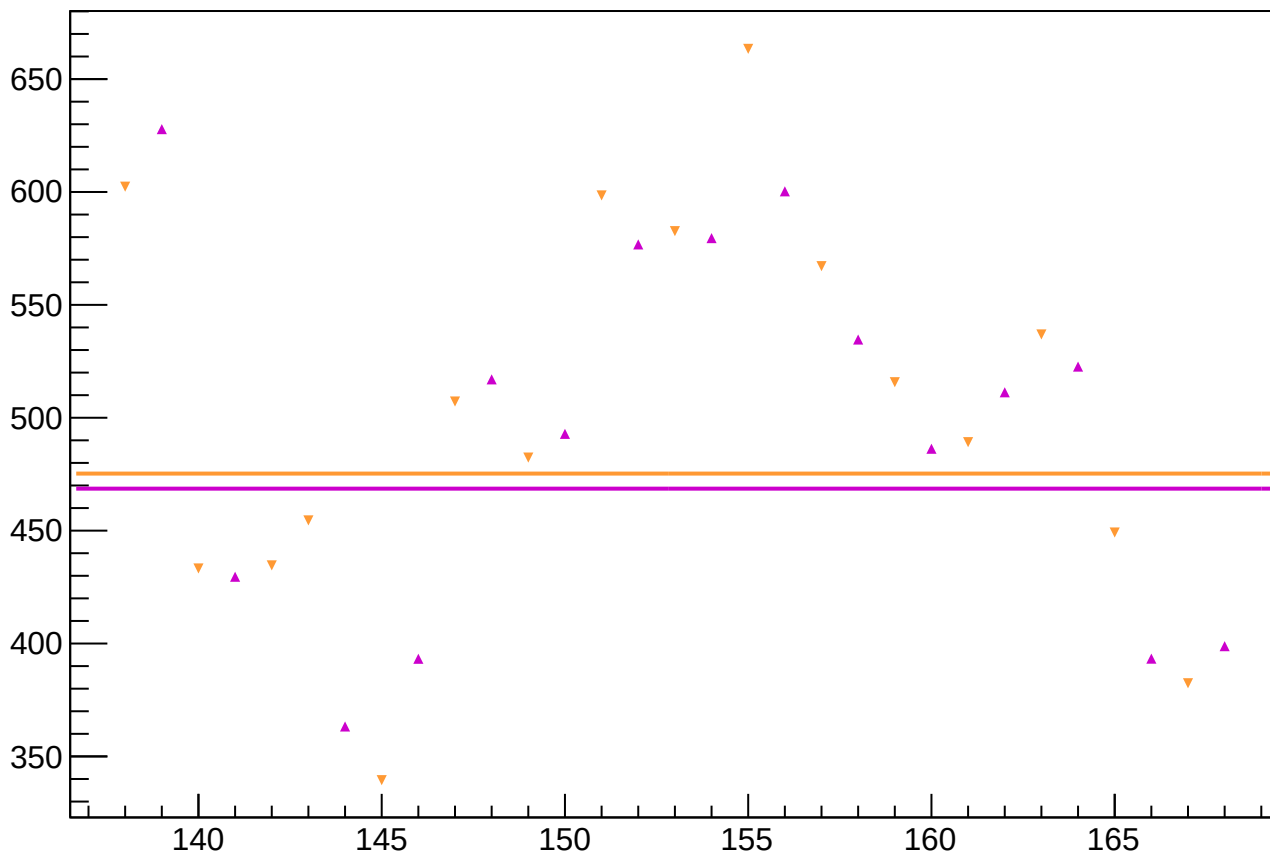
Left In: 5.905+/-138.743 χ^2/NDF : 12.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461.866+/-98.580 χ^2/NDF : 65.1/30

- 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: 475.273+/-0.099 χ^2/NDF : 755878.7/15

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

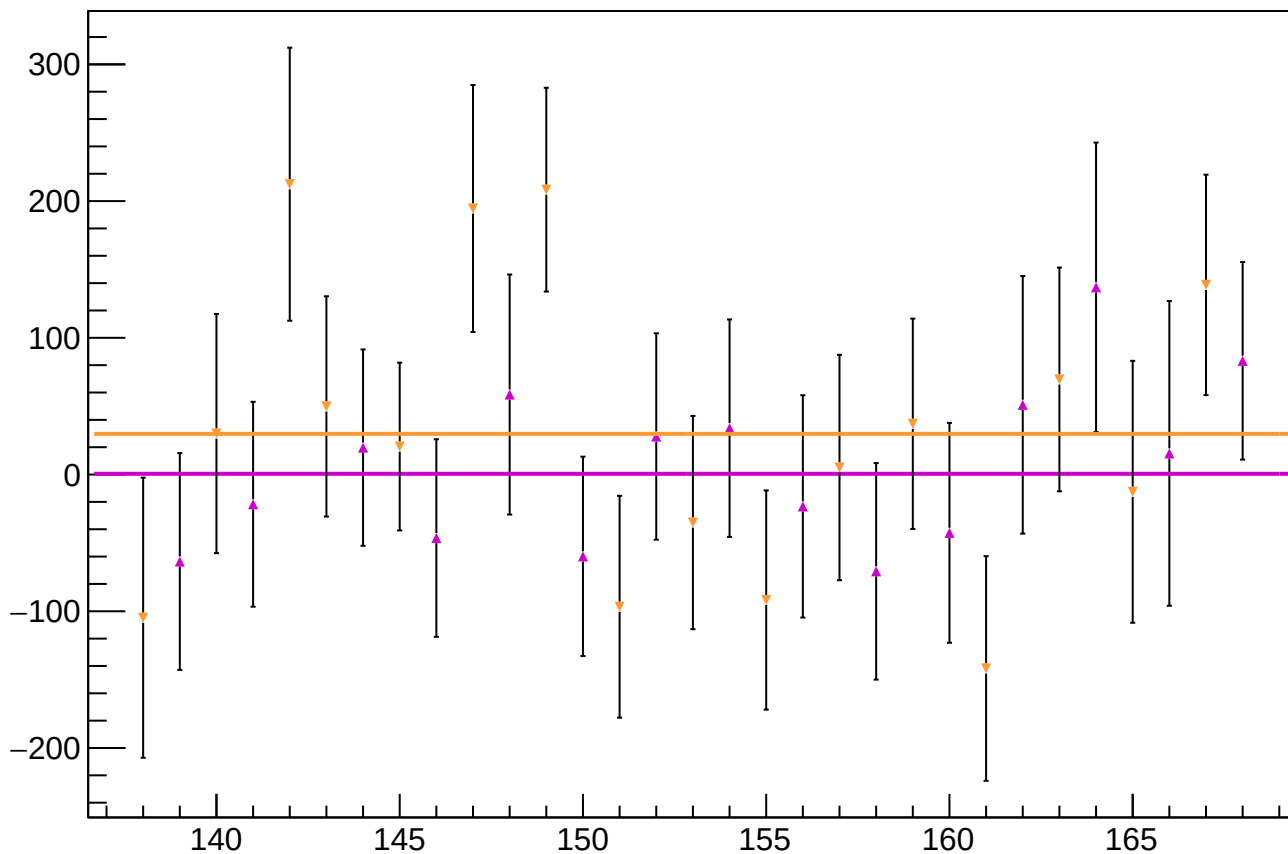
Left In: 468.599+/-0.098 χ^2/NDF : 670210.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.904+/-0.070 χ^2/NDF : 1428379.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 29.758 $\pm$ 20.425 χ^2 /NDF:26.4/15

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

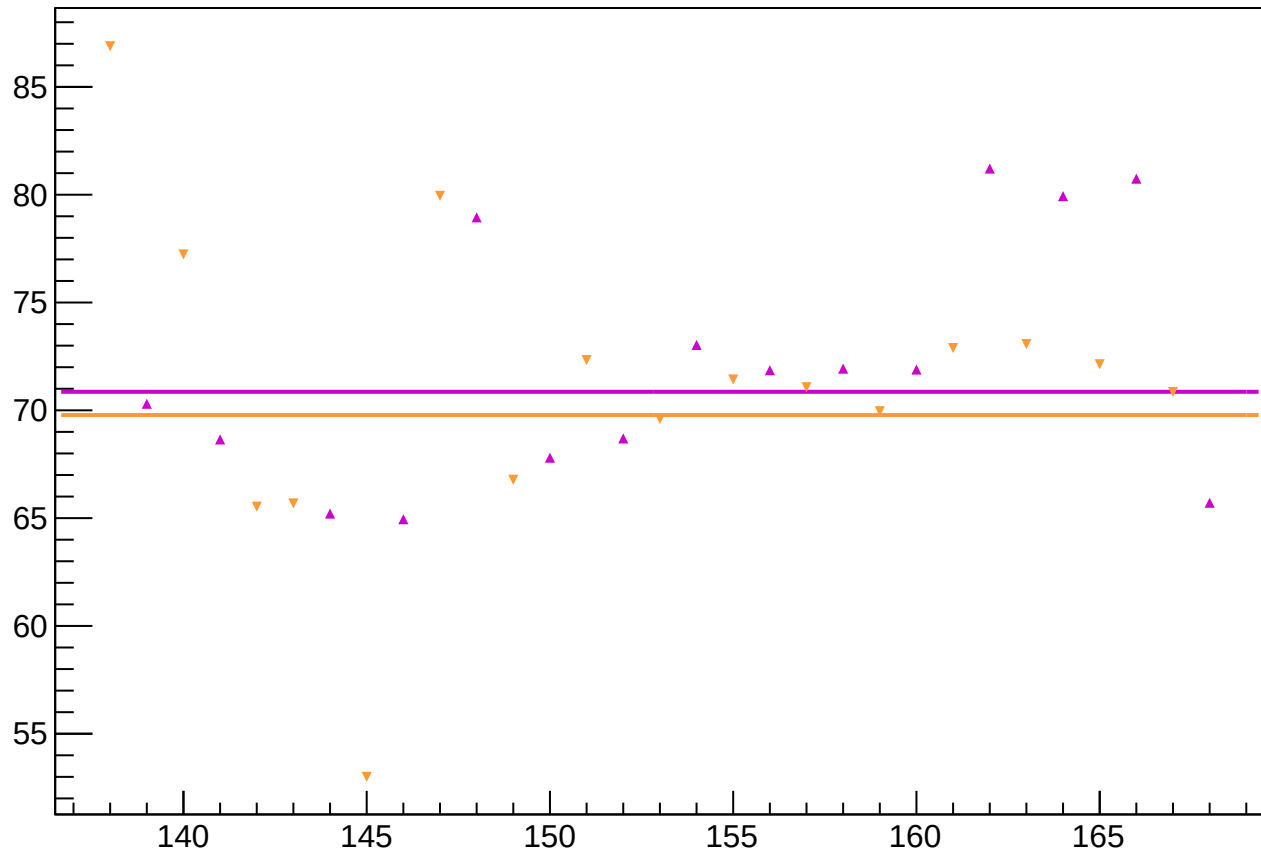
Left In: 0.551 $\pm$ 20.791 χ^2 /NDF:7.1/14

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

All: 15.415 $\pm$ 14.570 χ^2 /NDF: 34.5/30

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

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 69.781+/-0.014 χ^2/NDF :268257.0/15

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

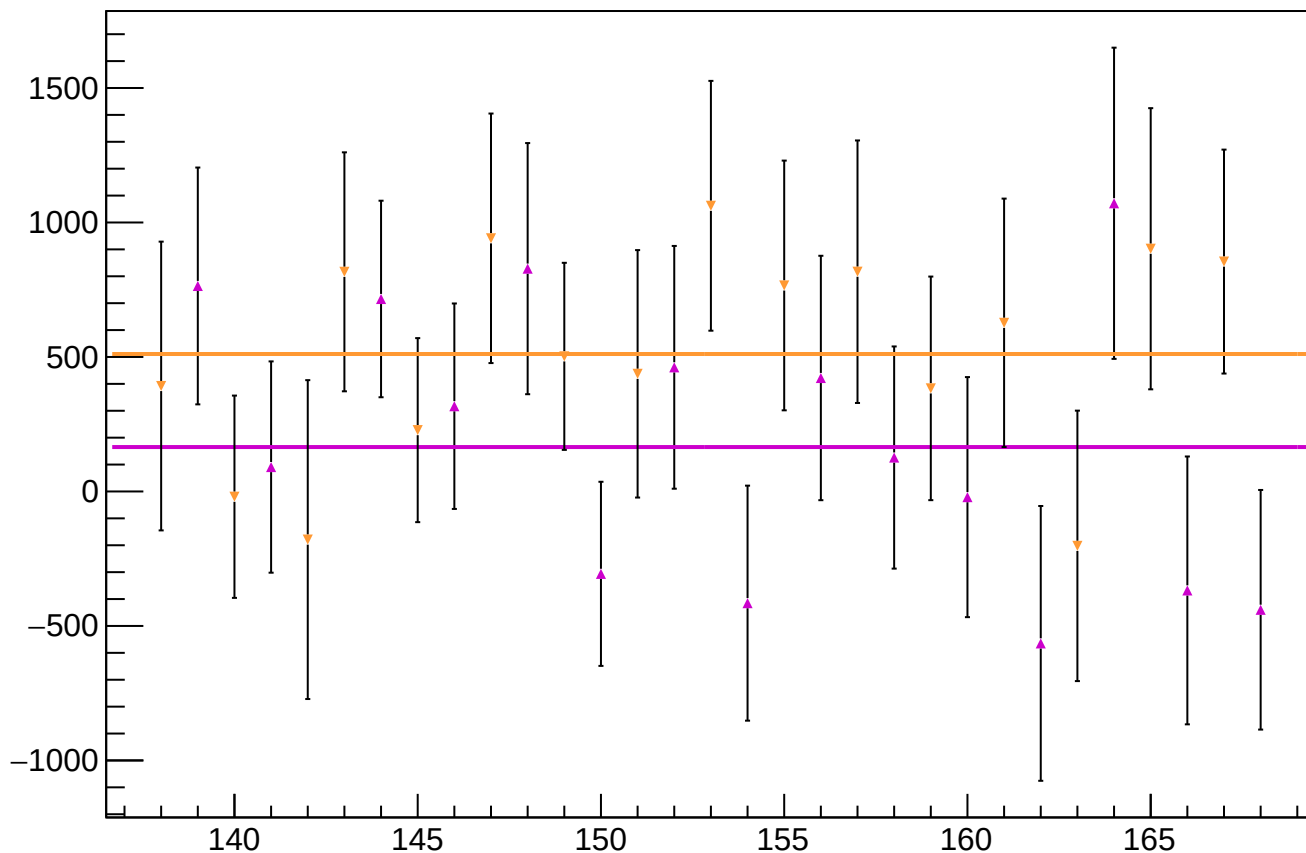
Left In: 70.860+/-0.015 χ^2/NDF :116981.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.311+/-0.010 χ^2/NDF : 387981.8/30

- 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: 511.032+/-110.442 χ^2/NDF : 11.0/15

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

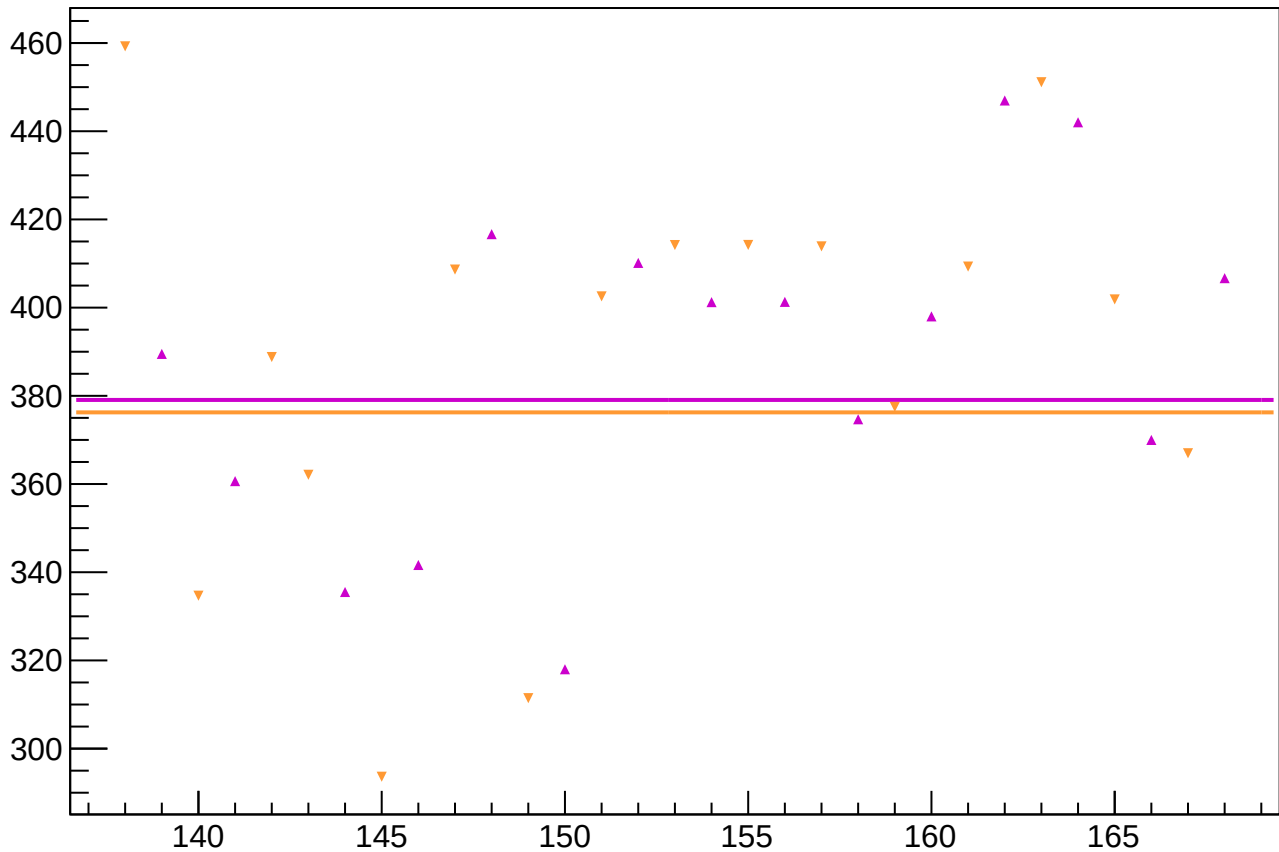
Left In: 165.112+/-111.189 χ^2/NDF : 18.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.238+/-78.357 χ^2/NDF : 34.2/30

- 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: 376.247+/-0.078 χ^2/NDF : 376616.2/15

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

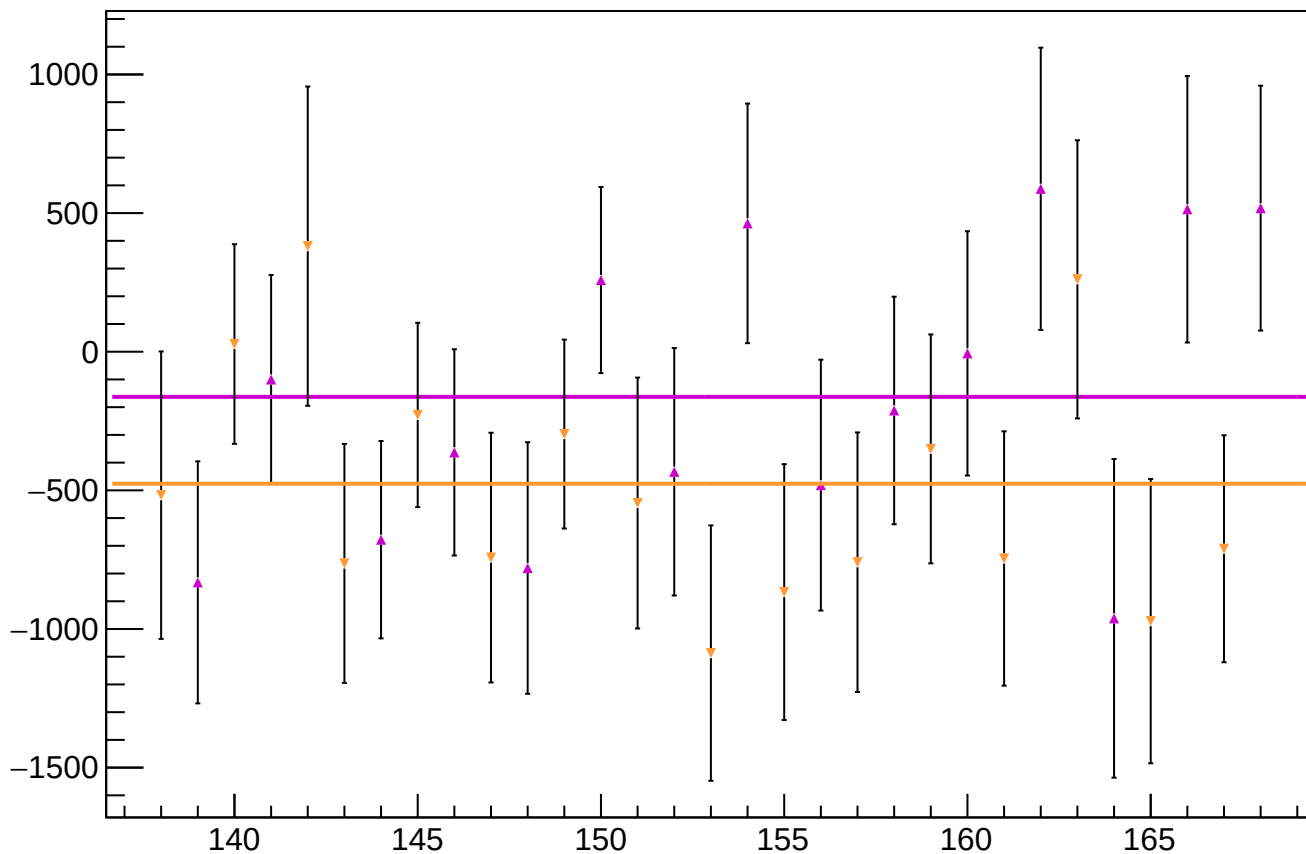
Left In: 379.067+/-0.079 χ^2/NDF : 220427.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.648+/-0.055 χ^2/NDF : 597691.4/30

- 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: -476.103+/-108.047 χ^2/NDF :12.5/15

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

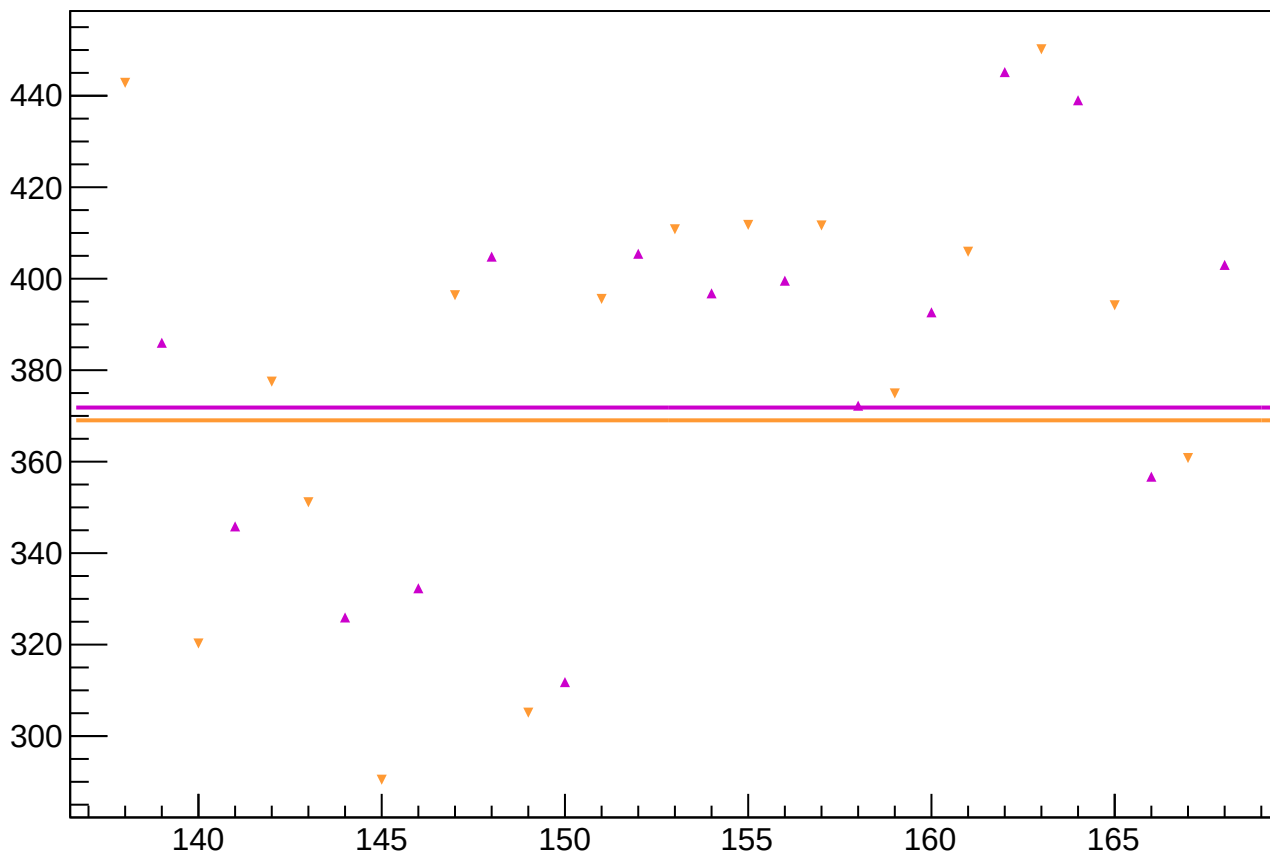
Left In: -162.636+/-109.208 χ^2/NDF :19.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -321.044+/-76.808 χ^2/NDF : 36.4/30

- 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: 369.035+/-0.076 χ^2/NDF : 398992.3/15

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

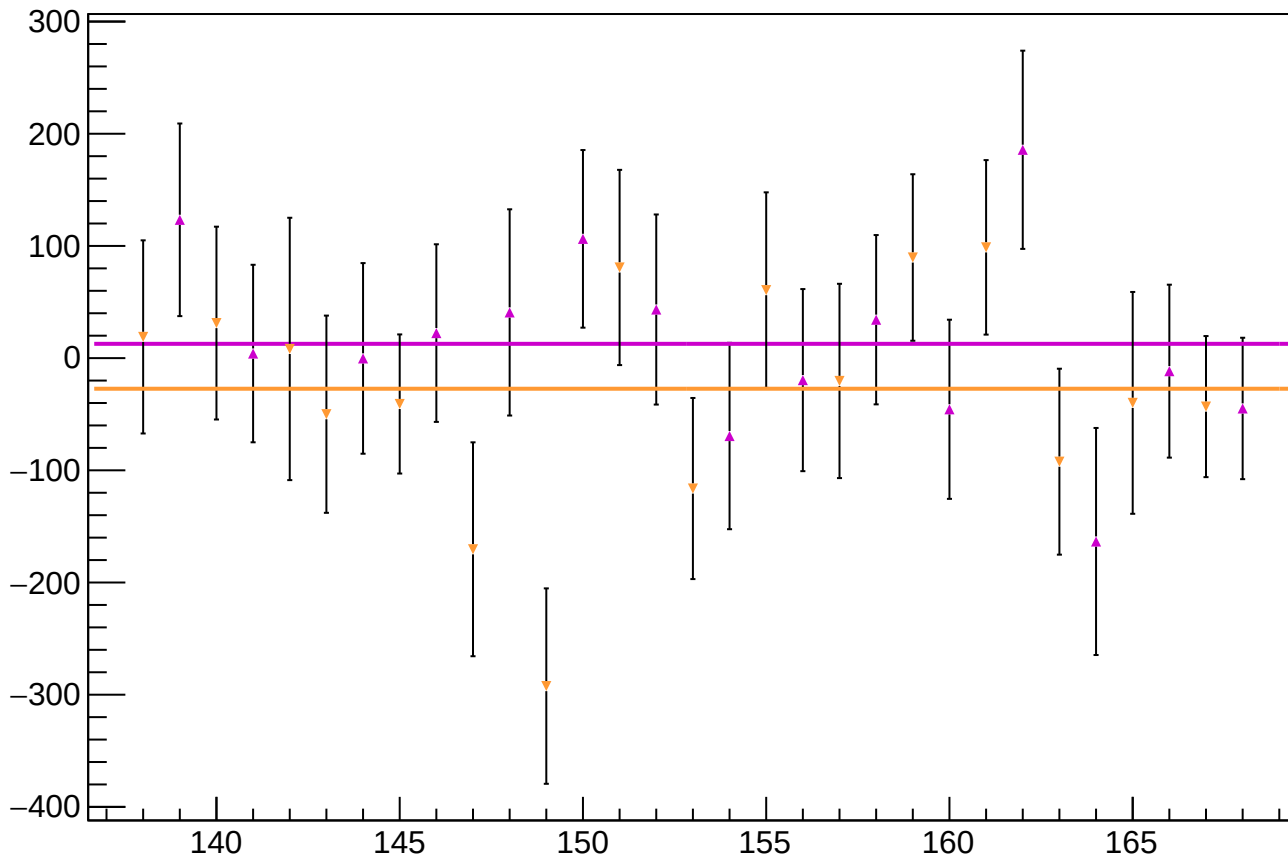
Left In: 371.831+/-0.077 χ^2/NDF : 252822.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.418+/-0.054 χ^2/NDF : 652477.4/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -27.282 ± 20.527 χ^2/NDF : 22.1/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

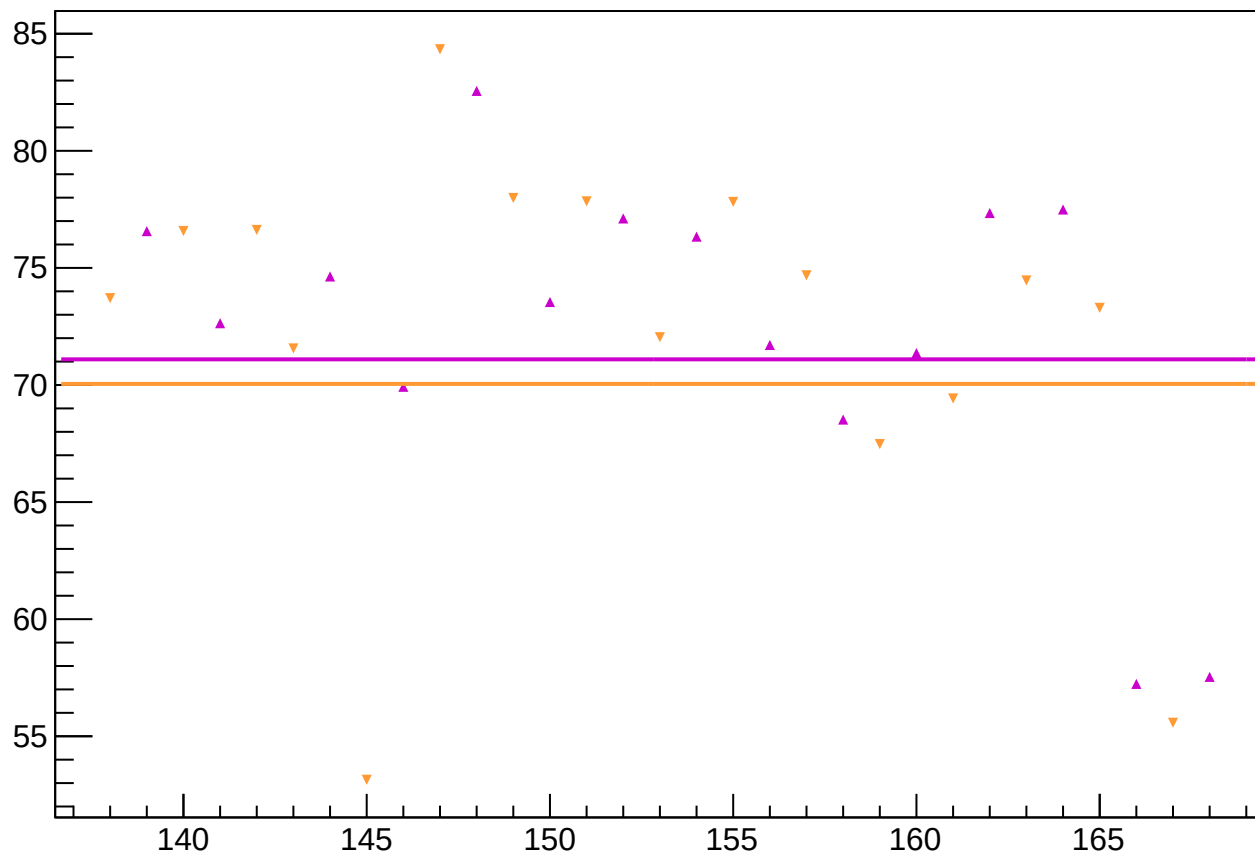
Left In: 12.746 ± 20.915 χ^2/NDF : 12.9/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.643 ± 14.650 χ^2/NDF : 36.8/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 70.047+/-0.015 χ^2/NDF : 387572.5/15

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

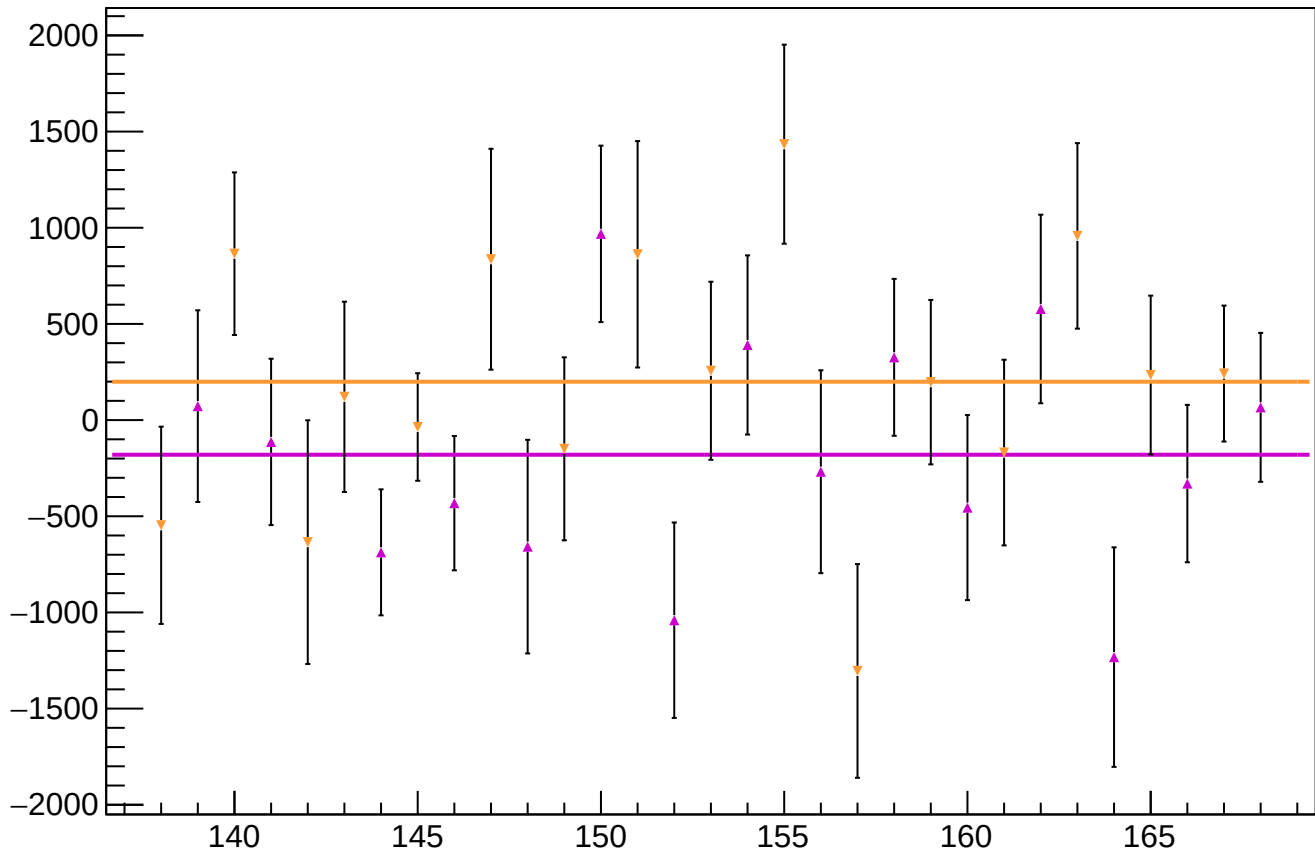
Left In: 71.096+/-0.015 χ^2/NDF : 241602.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.562+/-0.010 χ^2/NDF : 631737.5/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 199.376 $\pm$ 112.727 χ^2 /NDF: 26.2/15

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

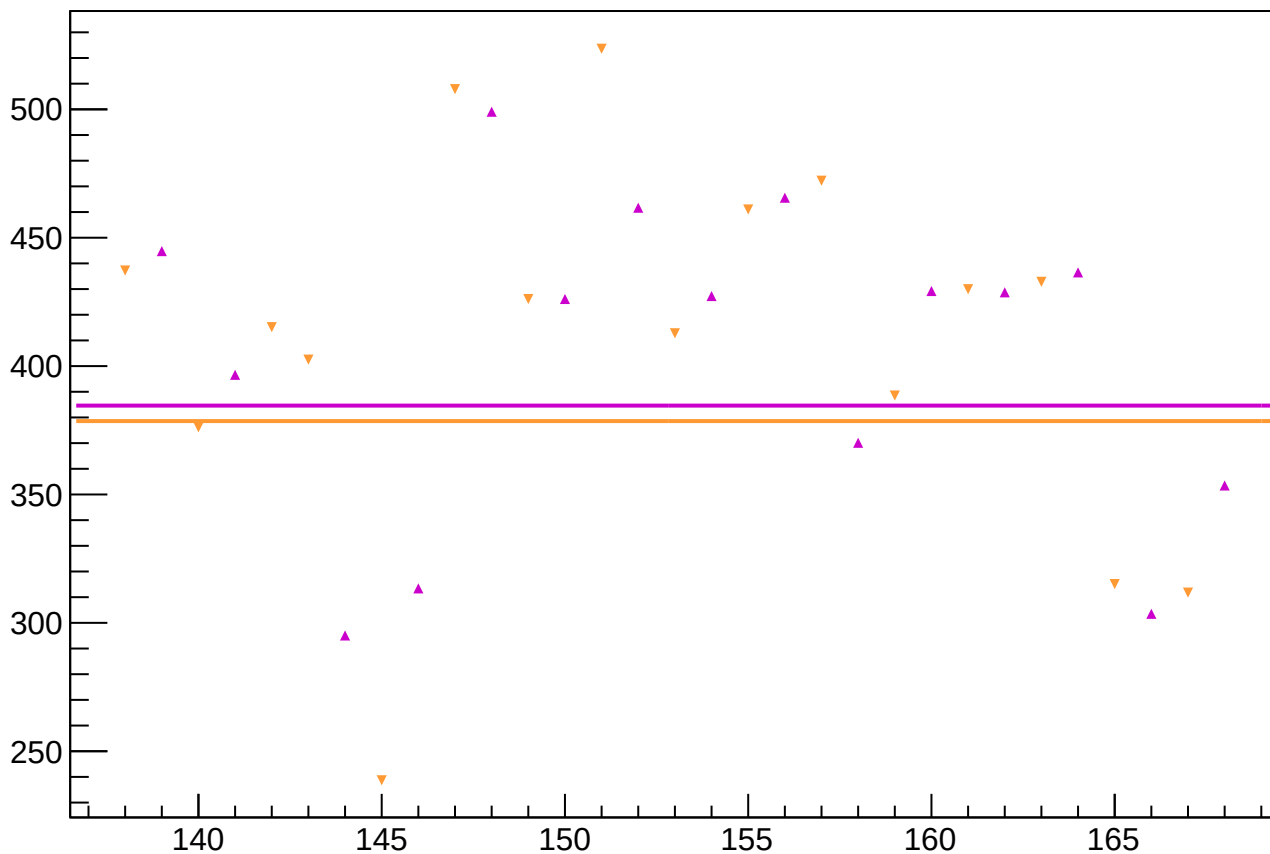
Left In: -180.184 $\pm$ 113.823 χ^2 /NDF: 22.8/14

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

All: 11.433 $\pm$ 80.095 χ^2 /NDF: 54.6/30

- sign 0.000 $\pm$ 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: 378.588+/-0.080 χ^2/NDF : 1067546.1/15

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

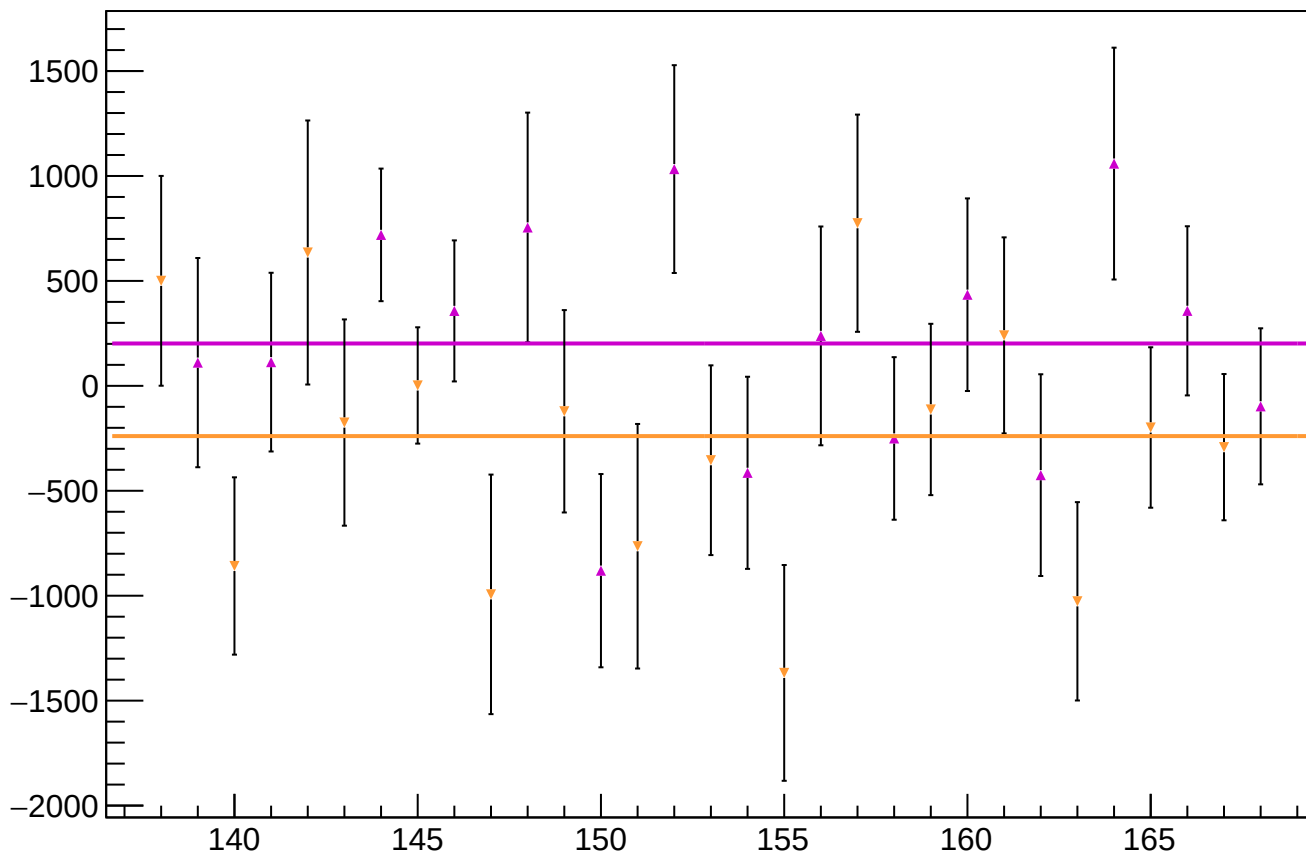
Left In: 384.616+/-0.080 χ^2/NDF : 618579.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.573+/-0.057 χ^2/NDF : 1688957.6/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -239.445 $\pm$ 110.321 χ^2 /NDF: 22.3/15

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

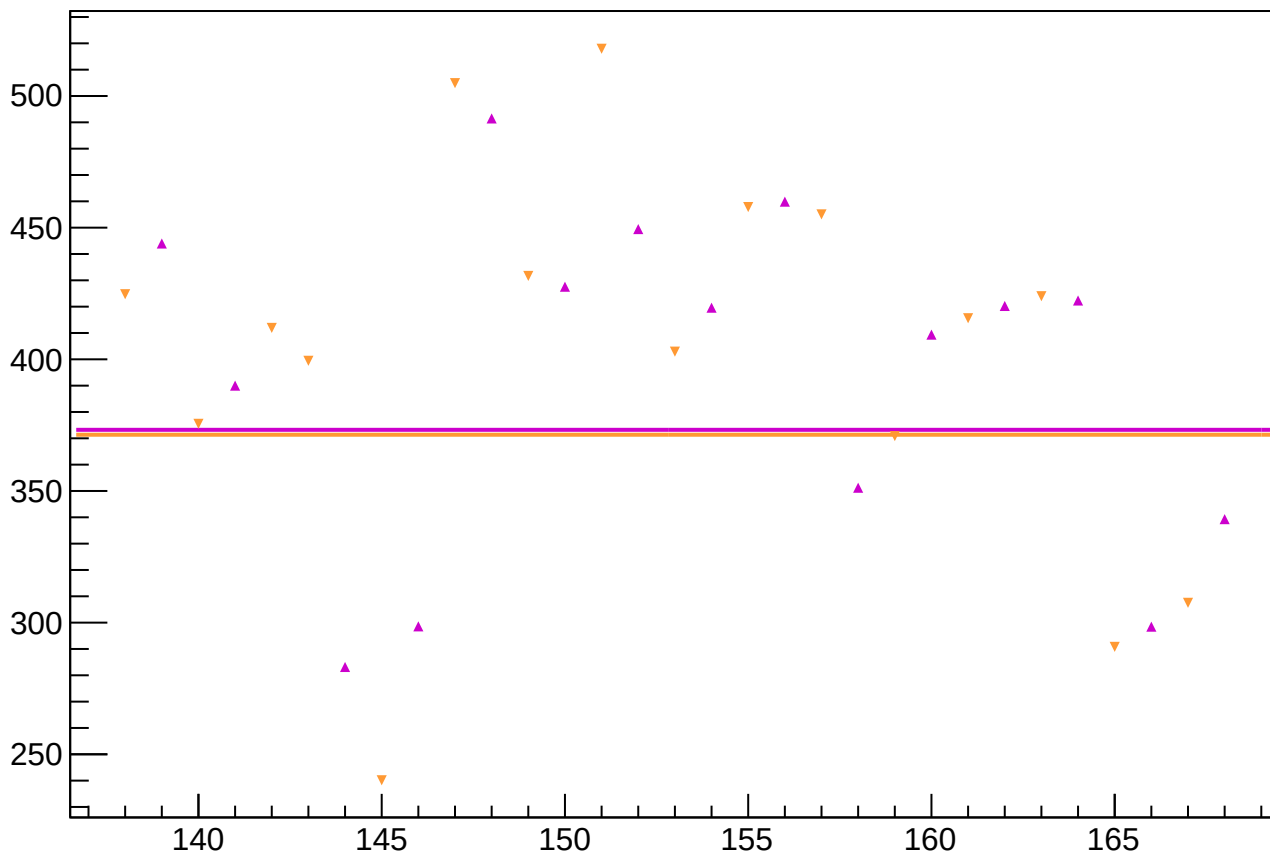
Left In: 201.851 $\pm$ 110.825 χ^2 /NDF: 20.7/14

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

All: -19.801 $\pm$ 78.186 χ^2 /NDF: 51.0/30

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

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 371.360+/-0.078 χ^2/NDF :1070936.2/15

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

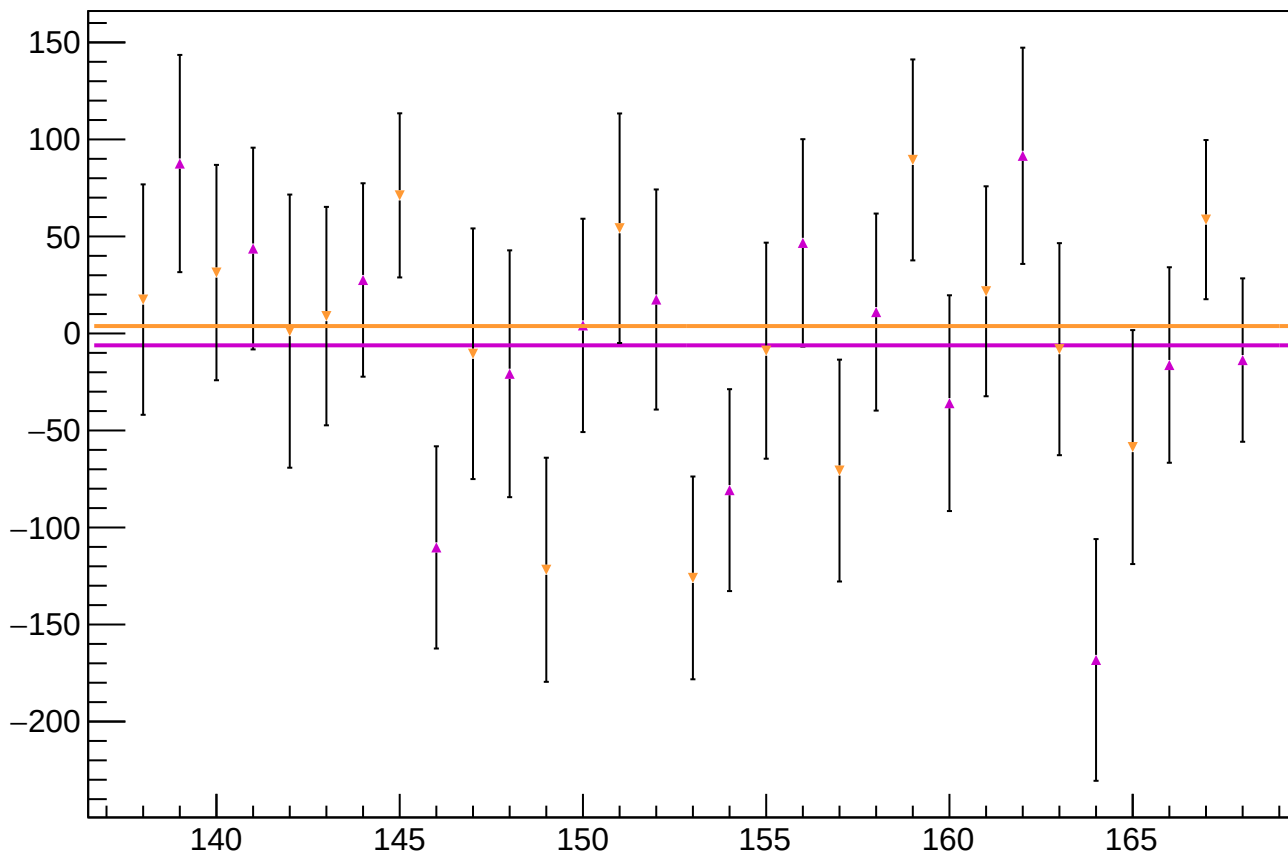
Left In: 373.228+/-0.078 χ^2/NDF :688420.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.290+/-0.055 χ^2/NDF : 1759642.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 3.813 $\pm$ 13.578 χ^2 /NDF:22.0/15

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

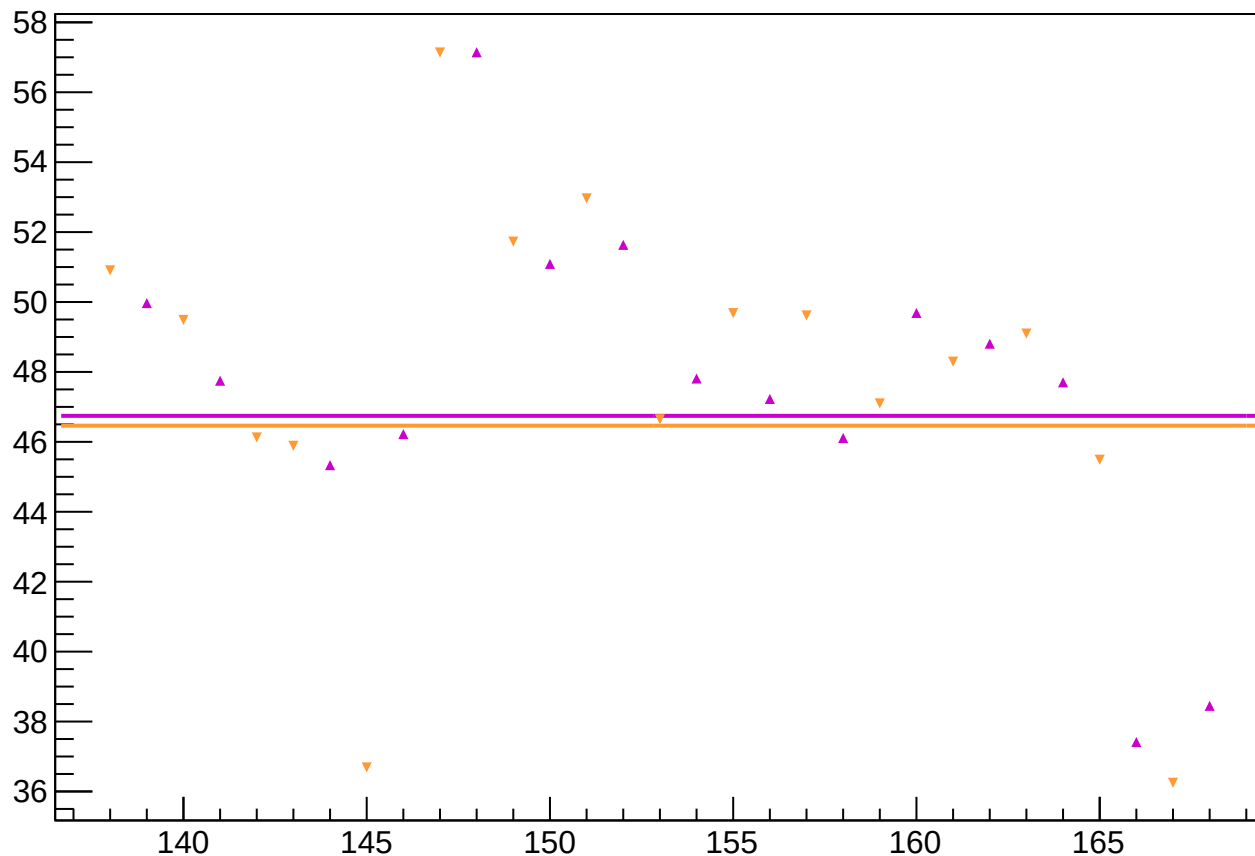
Left In: -6.119 $\pm$ 13.714 χ^2 /NDF:21.8/14

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

All: -1.103 $\pm$ 9.649 χ^2 /NDF: 44.1/30

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

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 46.463+/-0.010 χ^2/NDF : 364249.2/15

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

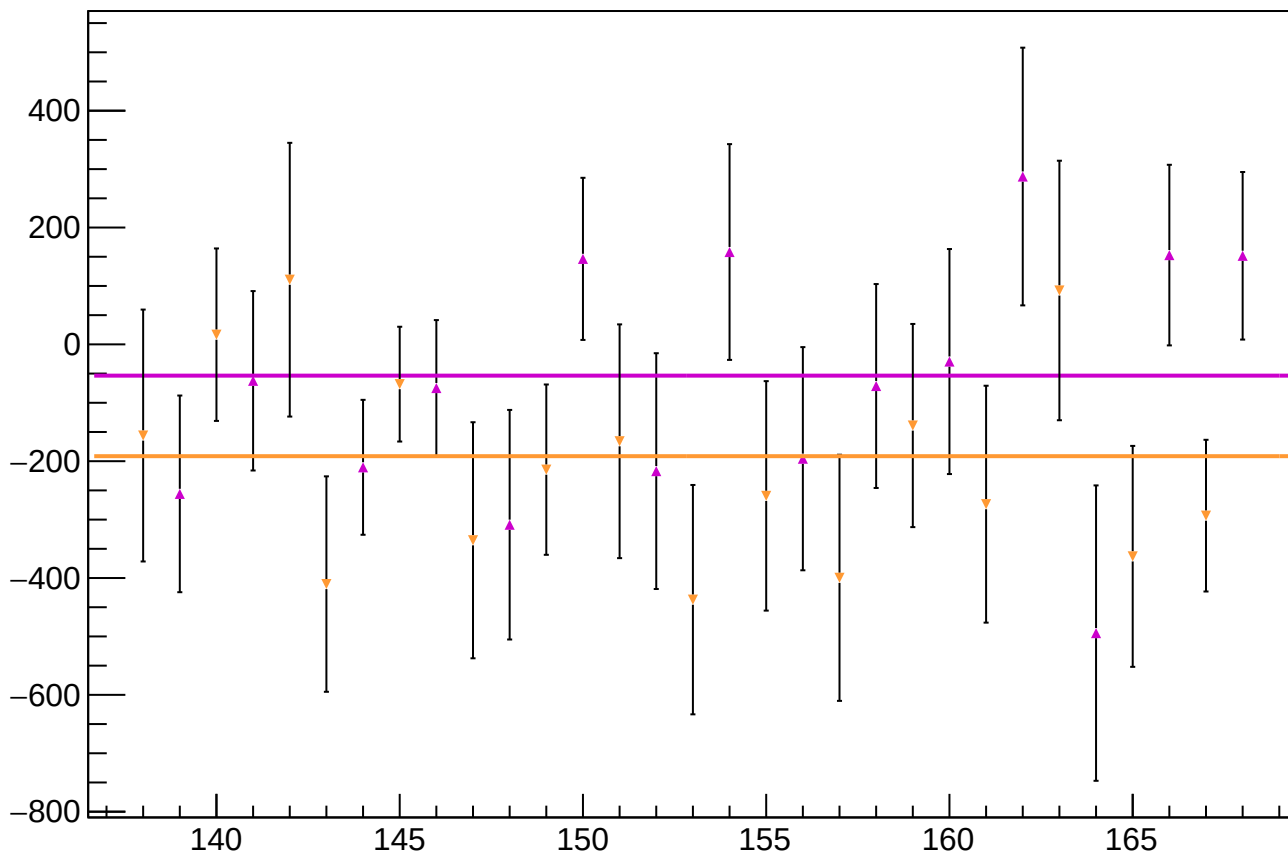
Left In: 46.744+/-0.010 χ^2/NDF : 246373.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.602+/-0.007 χ^2/NDF : 611048.3/30

- 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: -191.420+/-42.470 χ^2/NDF :13.2/15

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

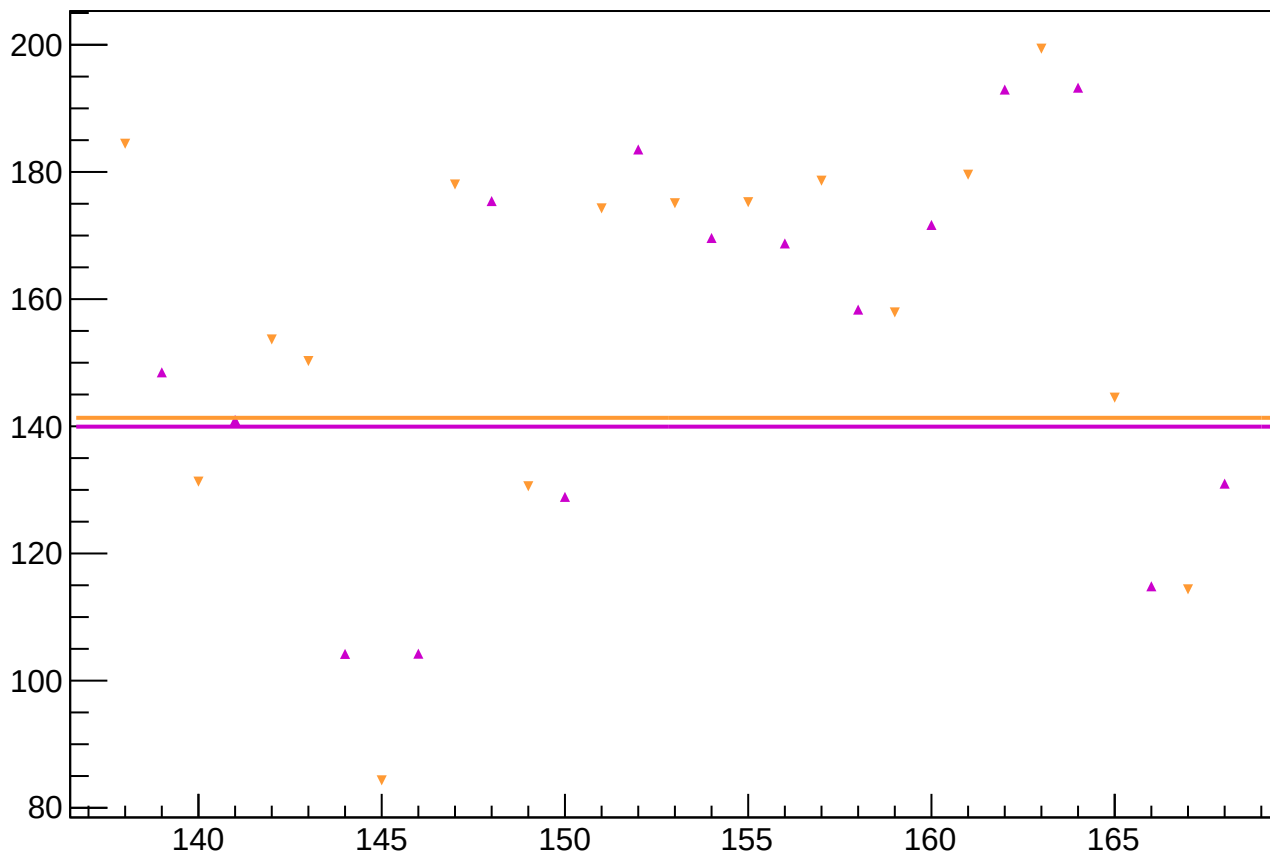
Left In: -53.532+/-41.808 χ^2/NDF :18.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.394+/-29.794 χ^2/NDF : 37.4/30

- 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: 141.335+/-0.030 χ^2/NDF : 1397956.3/15

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

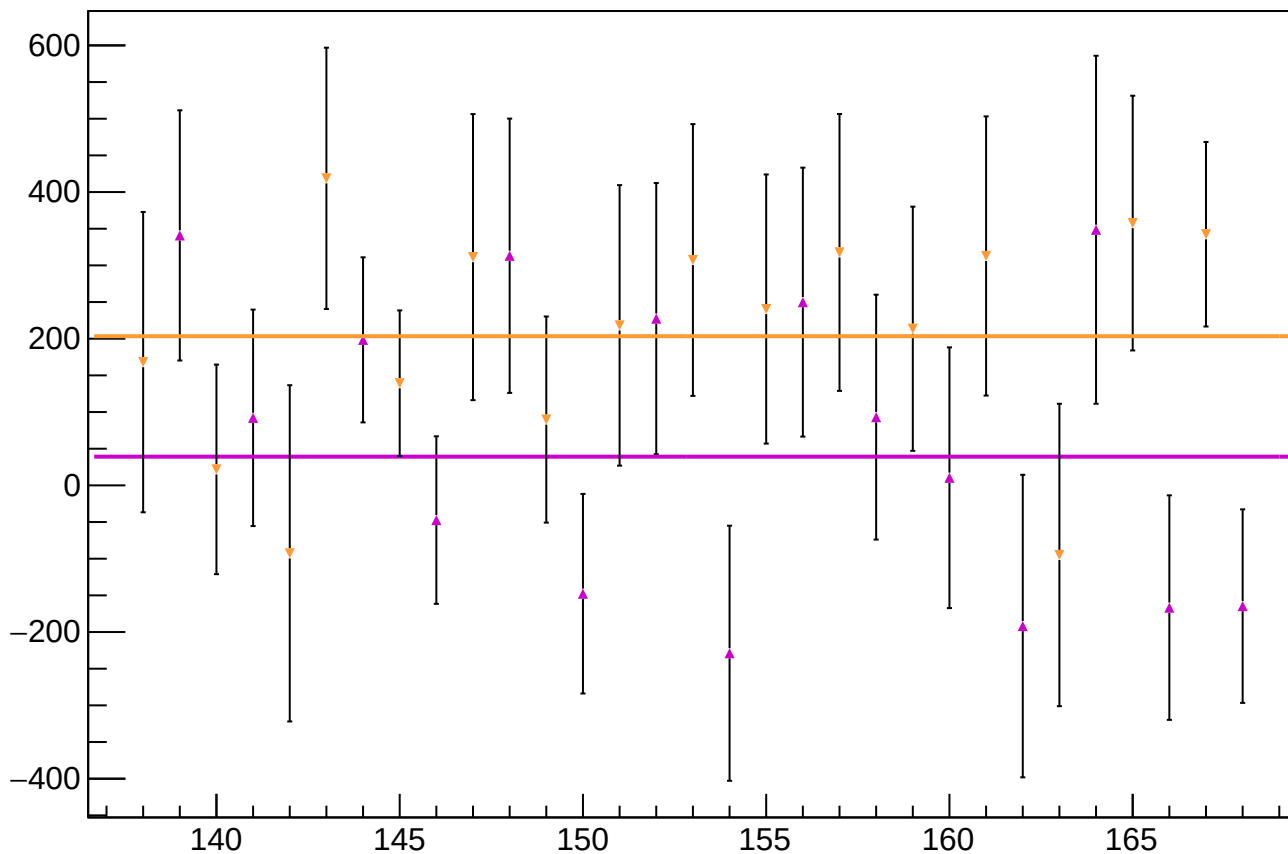
Left In: 139.946+/-0.030 χ^2/NDF : 995011.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.630+/-0.021 χ^2/NDF : 2394055.8/30

- 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: 203.409+/-40.849 χ^2/NDF :11.3/15

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

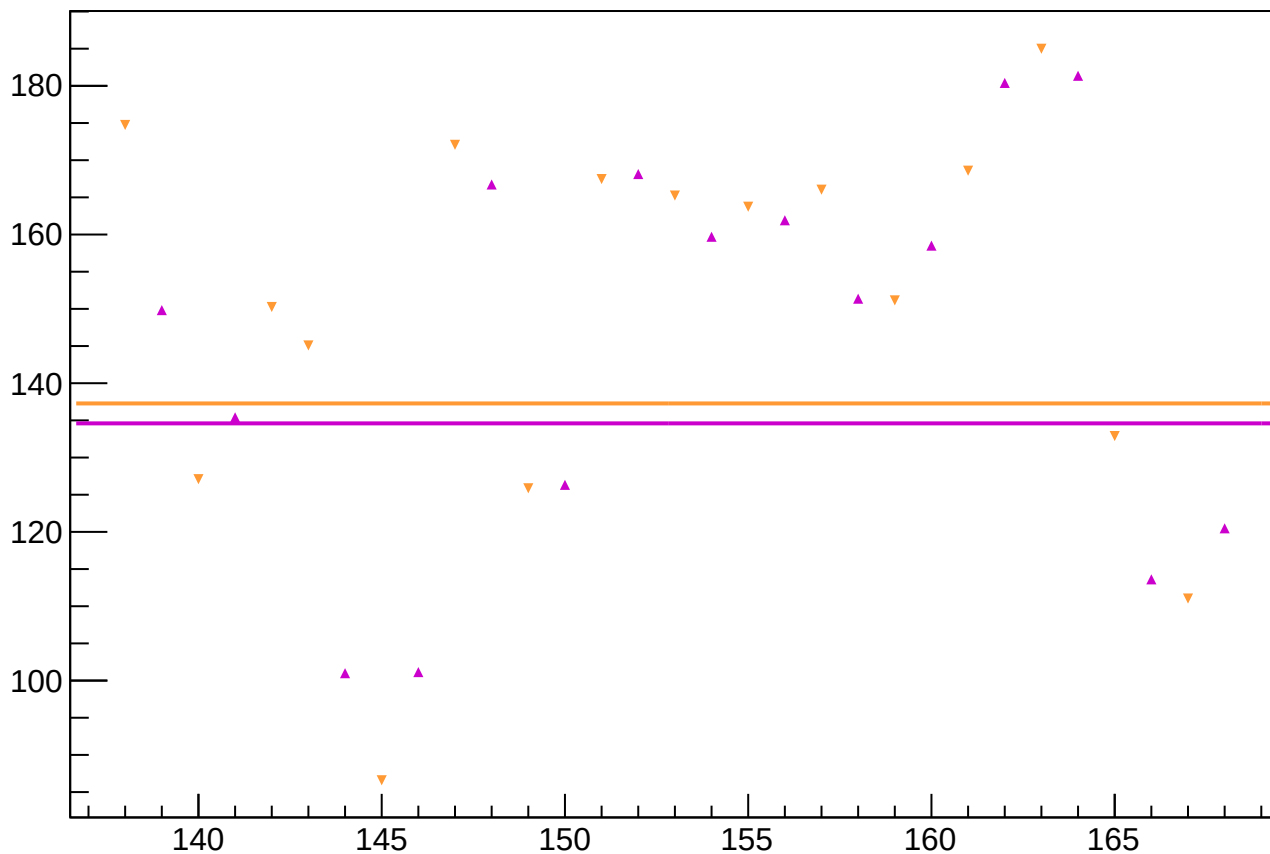
Left In: 39.152+/-40.183 χ^2/NDF :21.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.930+/-28.646 χ^2/NDF : 41.4/30

- 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: 137.280+/-0.029 χ^2/NDF :1131635.2/15

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

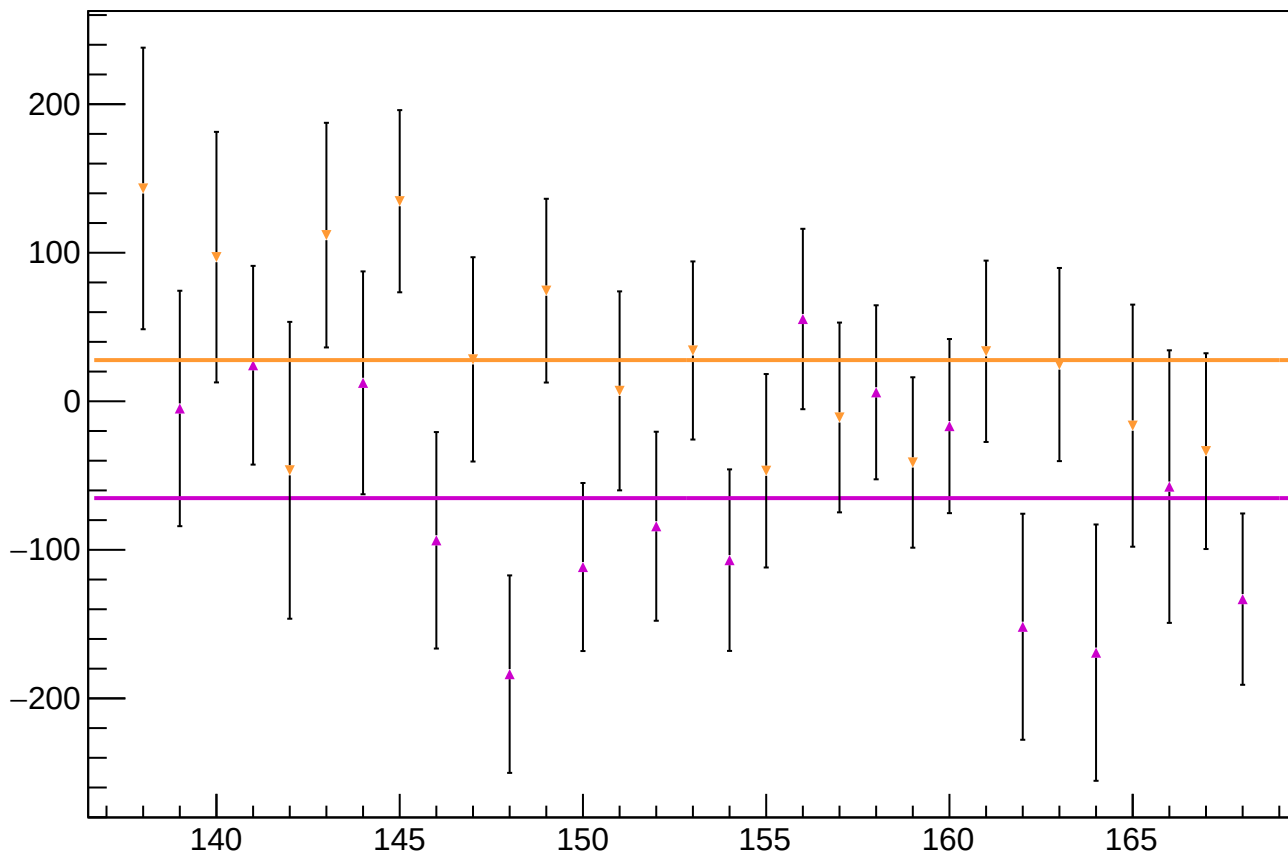
Left In: 134.598+/-0.028 χ^2/NDF :877155.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.917+/-0.020 χ^2/NDF : 2013171.3/30

- 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: 27.723 $\pm$ 17.056 χ^2 /NDF:12.0/15

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

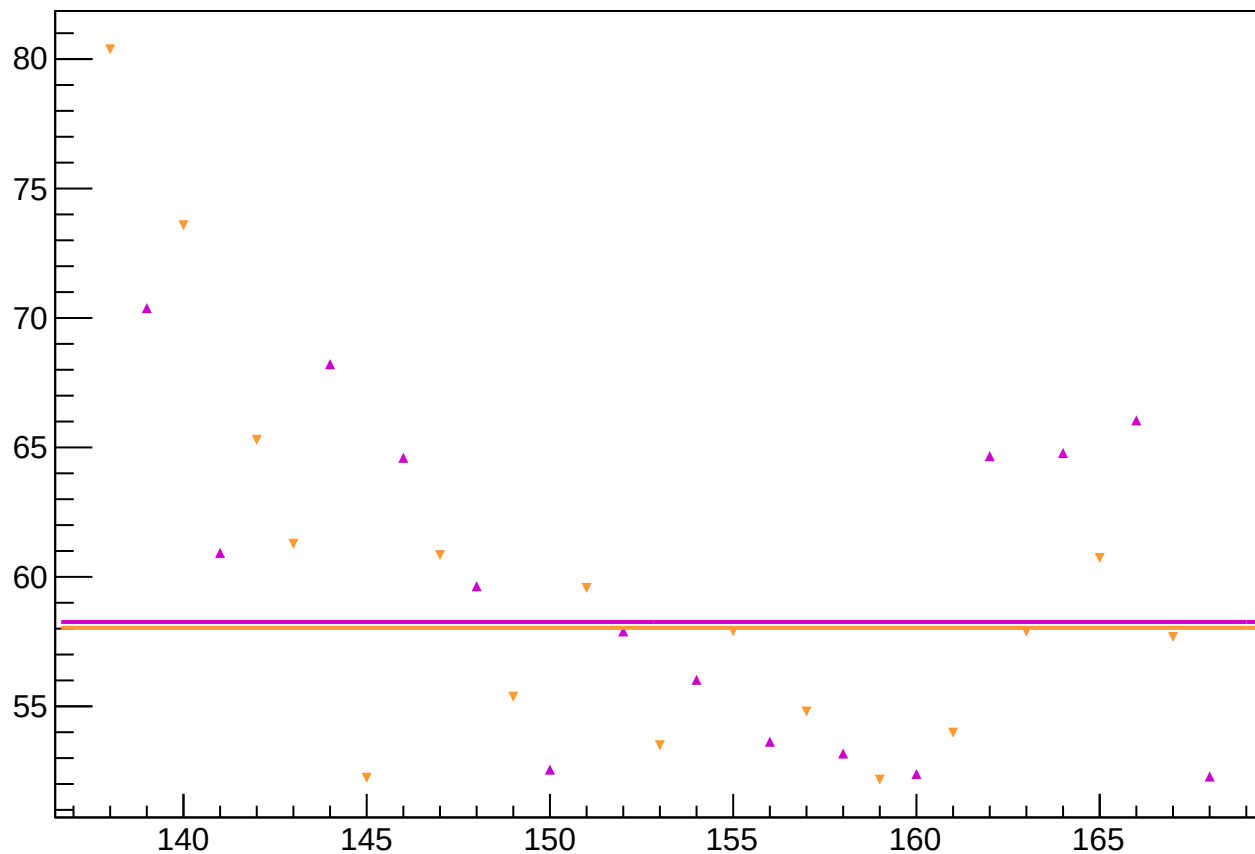
Left In: -65.190 $\pm$ 17.193 χ^2 /NDF:18.2/14

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

All: -18.360 $\pm$ 12.108 χ^2 /NDF: 44.9/30

- 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: 58.032+/-0.012 χ^2/NDF : 267948.6/15

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

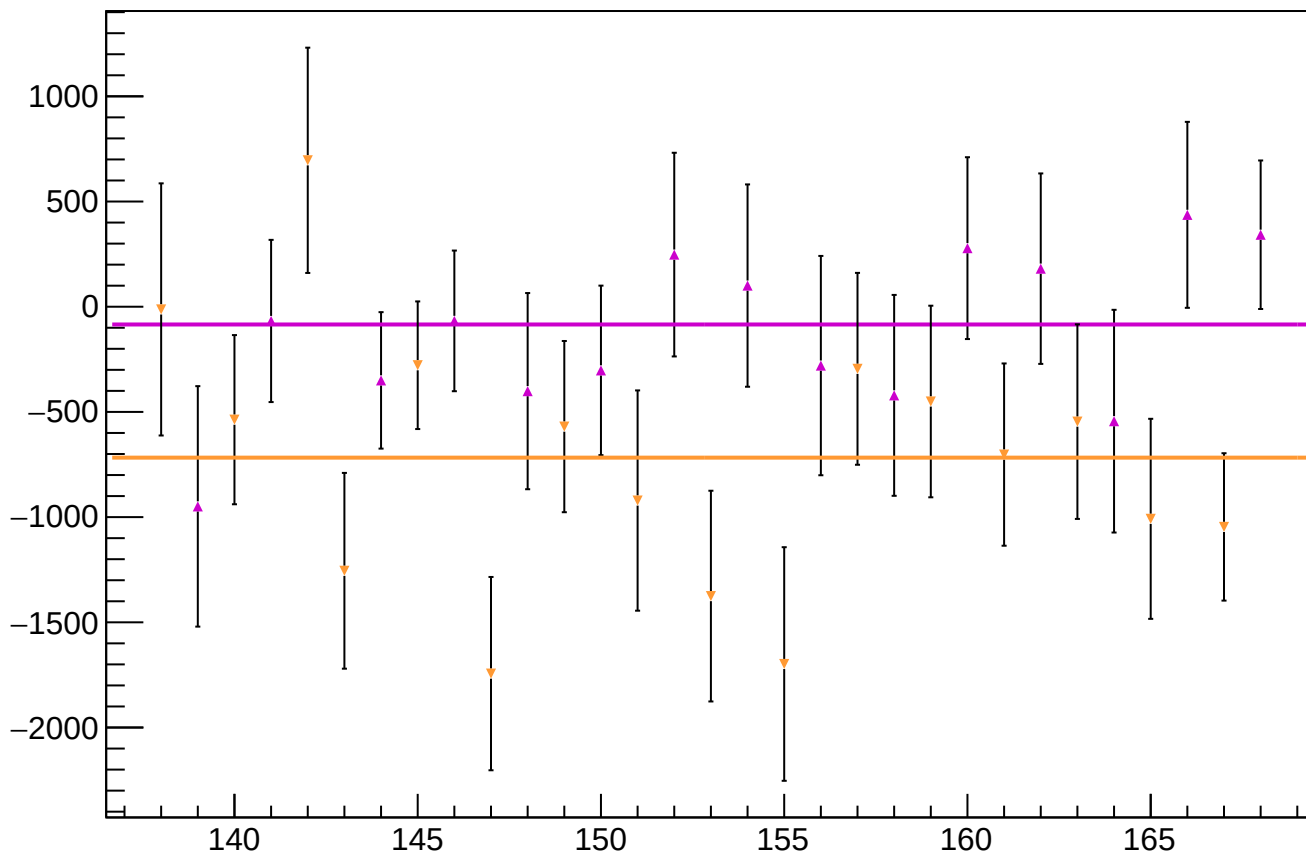
Left In: 58.259+/-0.012 χ^2/NDF : 232488.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.145+/-0.009 χ^2/NDF : 500612.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_mean vs Slug



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

Left Out: -717.320+/-110.550 χ^2/NDF : 24.7/15

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

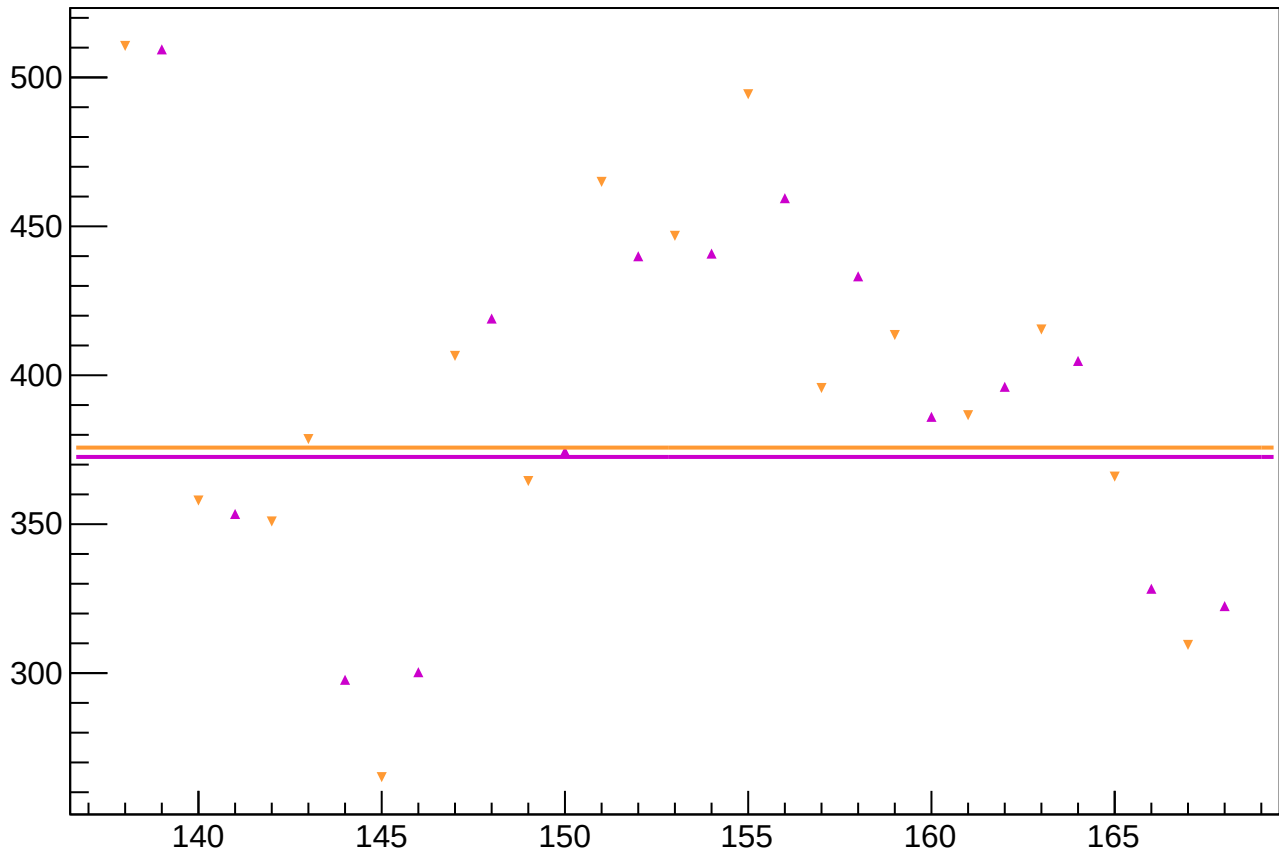
Left In: -84.412+/-110.010 χ^2/NDF : 9.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -399.317+/-77.979 χ^2/NDF : 50.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_rms vs Slug



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

Left Out: 375.717+/-0.078 χ^2/NDF : 682016.7/15

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

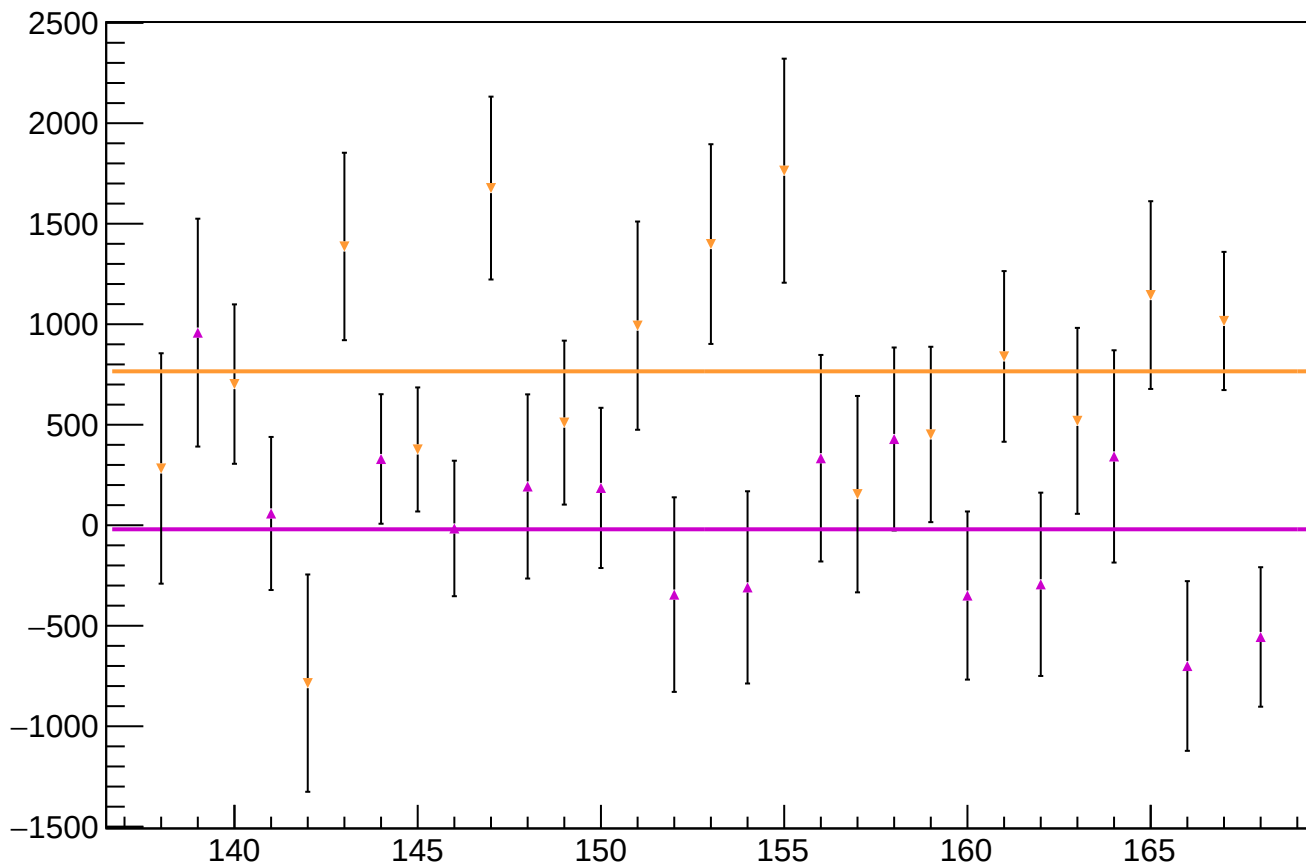
Left In: 372.578+/-0.078 χ^2/NDF : 581486.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.140+/-0.055 χ^2/NDF : 1264313.0/30

- 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: 765.678+/-110.099 χ^2/NDF : 25.4/15

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

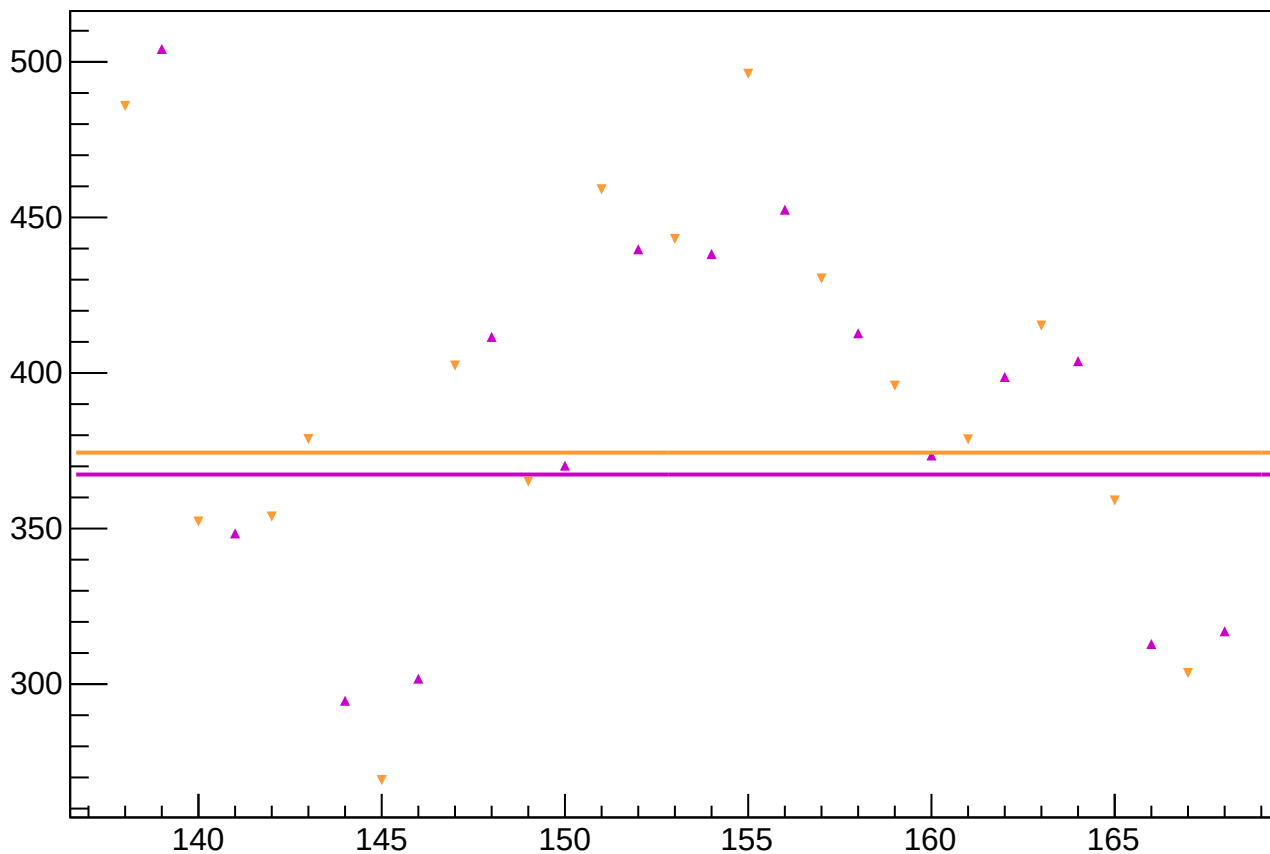
Left In: -20.131+/-108.590 χ^2/NDF : 13.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.352+/-77.313 χ^2/NDF : 64.6/30

- 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: 374.409+/-0.078 χ^2/NDF : 647376.2/15

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

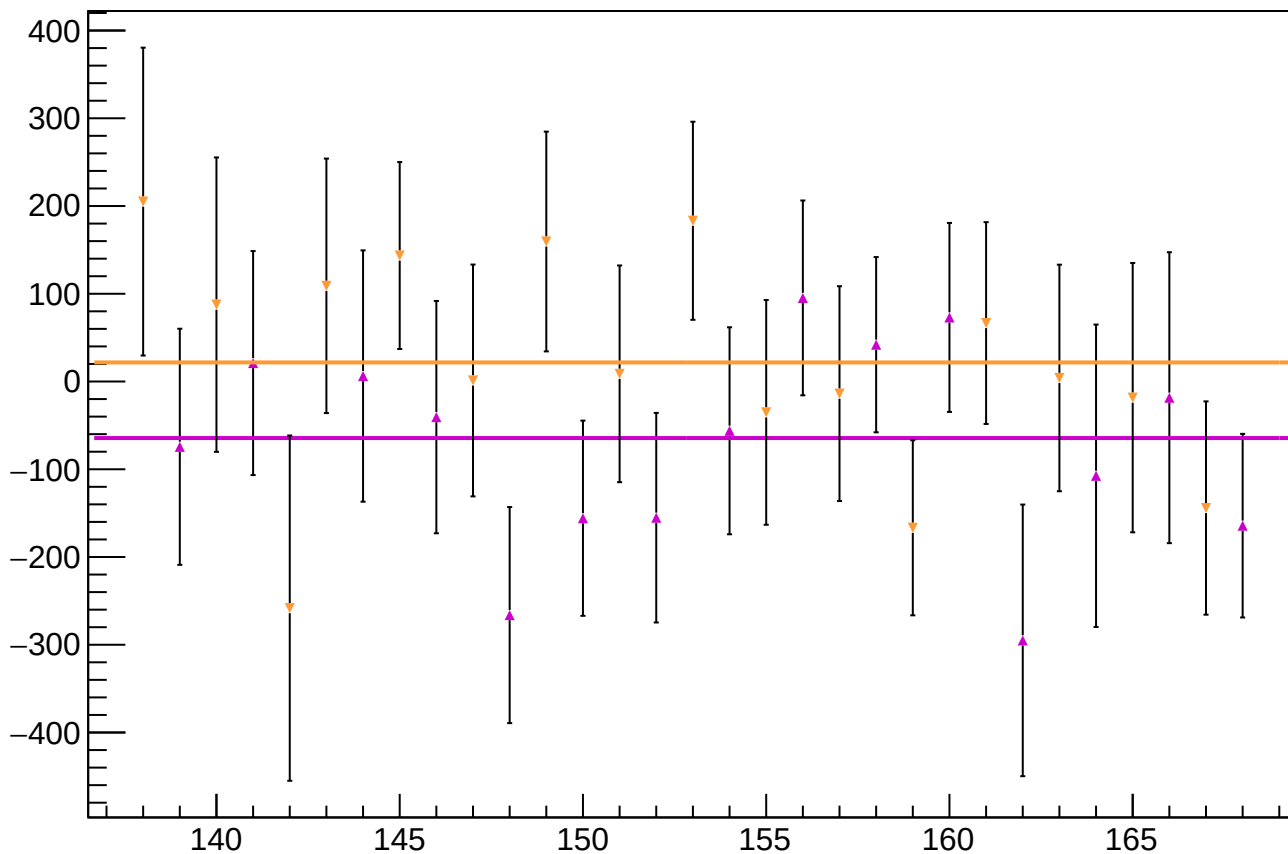
Left In: 367.365+/-0.077 χ^2/NDF : 576308.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.838+/-0.055 χ^2/NDF : 1227834.4/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



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

Left Out: 21.758 $\pm$ 32.132 χ^2 /NDF:14.2/15

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

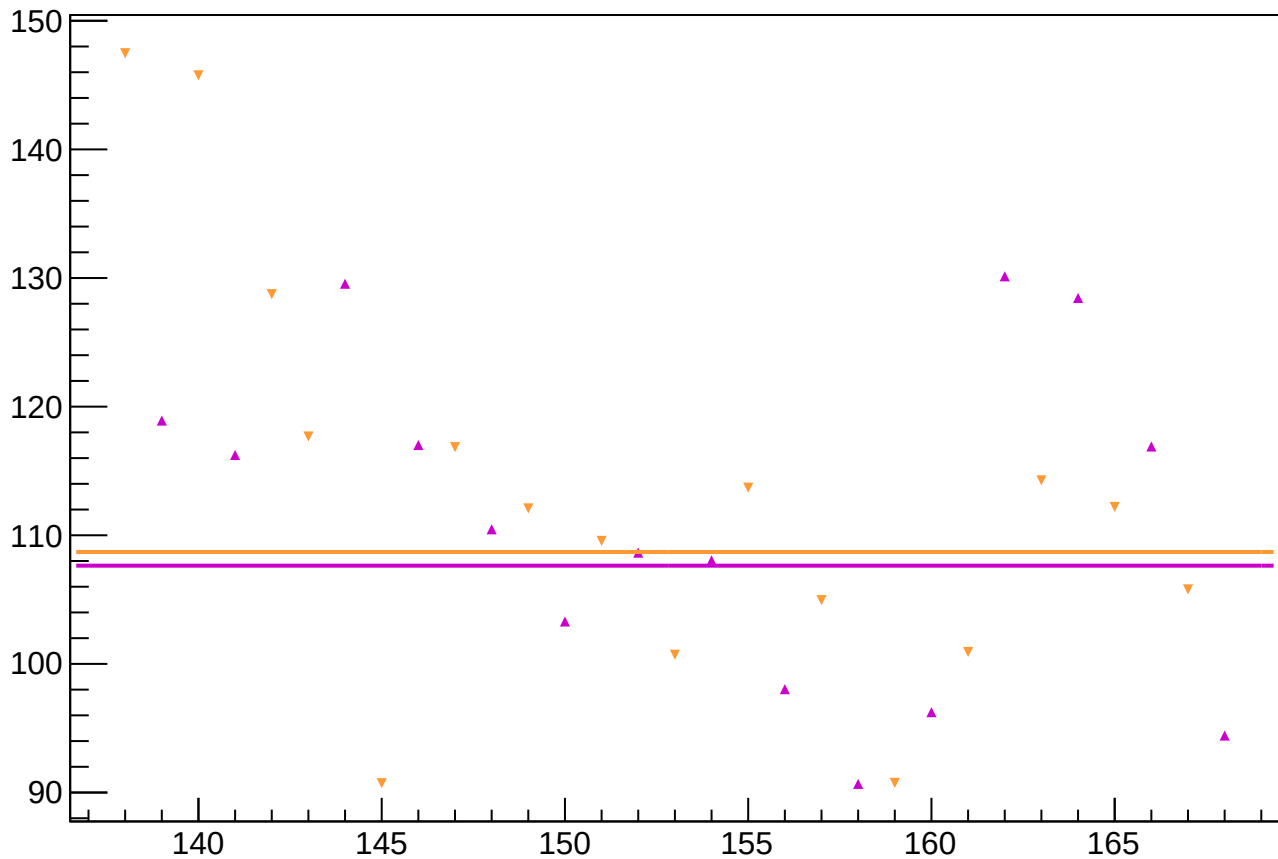
Left In: -64.429 $\pm$ 31.911 χ^2 /NDF:12.8/14

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

All: -21.632 $\pm$ 22.642 χ^2 /NDF: 30.6/30

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

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 108.700+/-0.023 χ^2/NDF : 384621.7/15

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

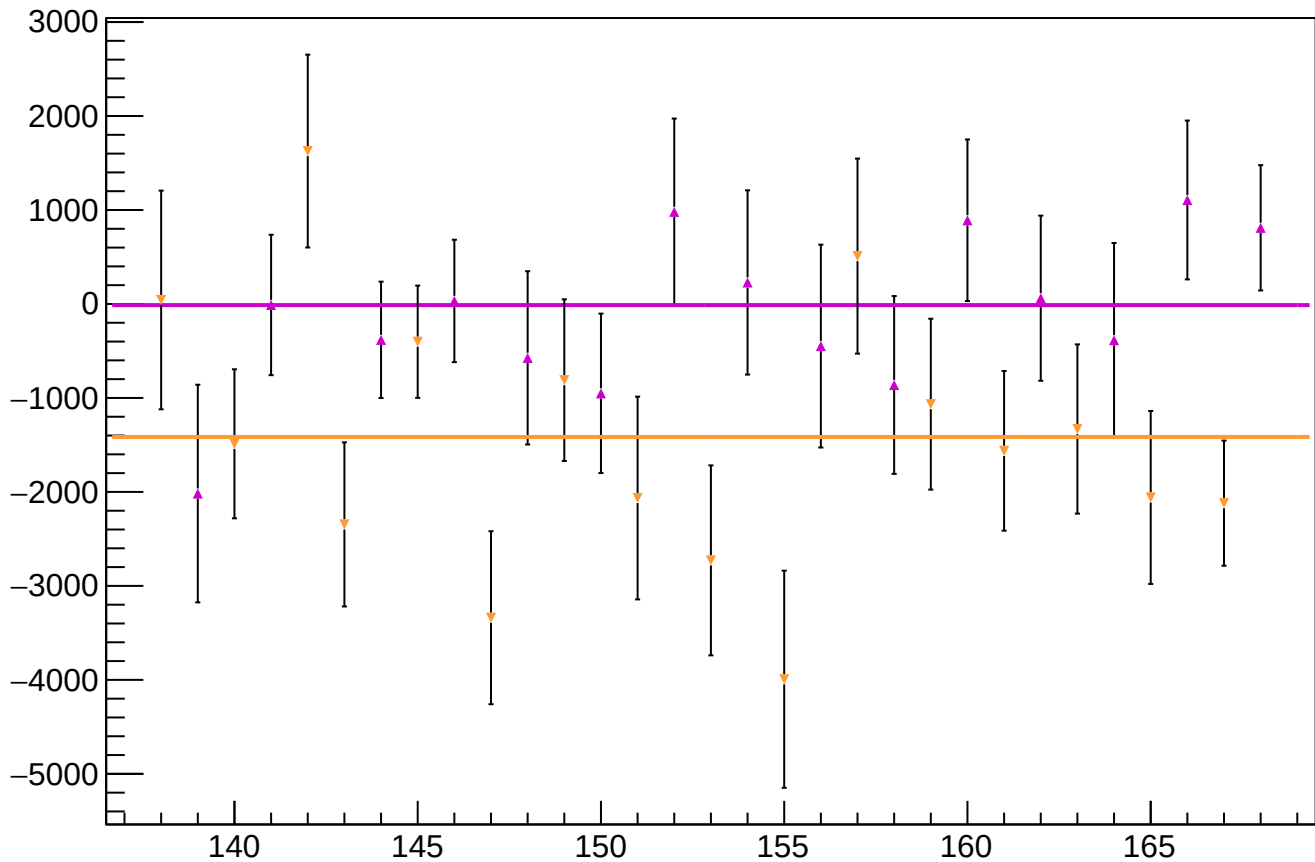
Left In: 107.637+/-0.023 χ^2/NDF : 288938.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.165+/-0.016 χ^2/NDF : 674662.1/30

- 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: -1415.097+/-219.776 χ^2/NDF :31.5/15

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

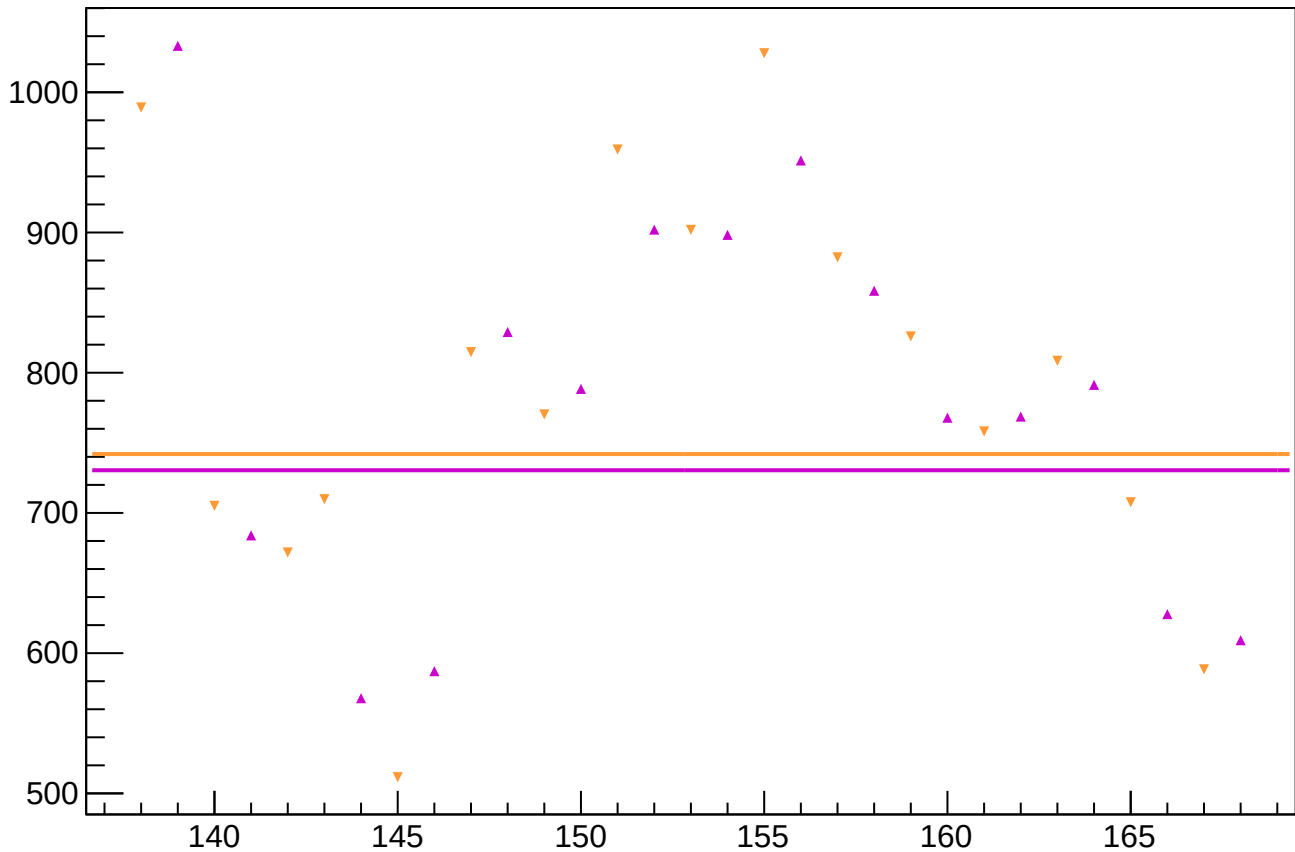
Left In: -11.913+/-216.506 χ^2/NDF :11.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -702.986+/-154.236 χ^2/NDF : 63.7/30

- 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: 741.989+/-0.155 χ^2/NDF : 846776.6/15

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

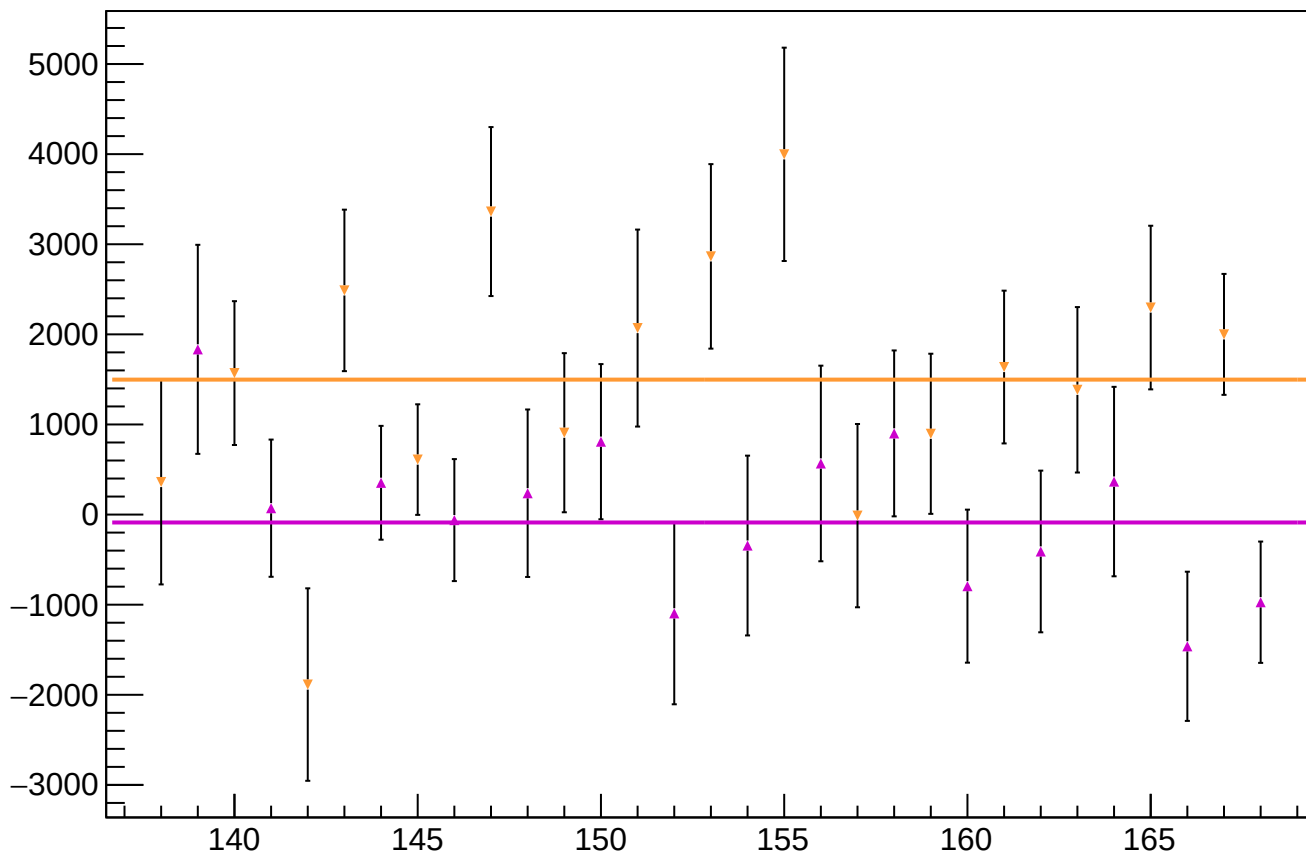
Left In: 730.444+/-0.153 χ^2/NDF : 760183.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 736.130+/-0.109 χ^2/NDF : 1609760.9/30

- 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: 1497.687+/-221.983 χ^2/NDF : 29.3/15

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

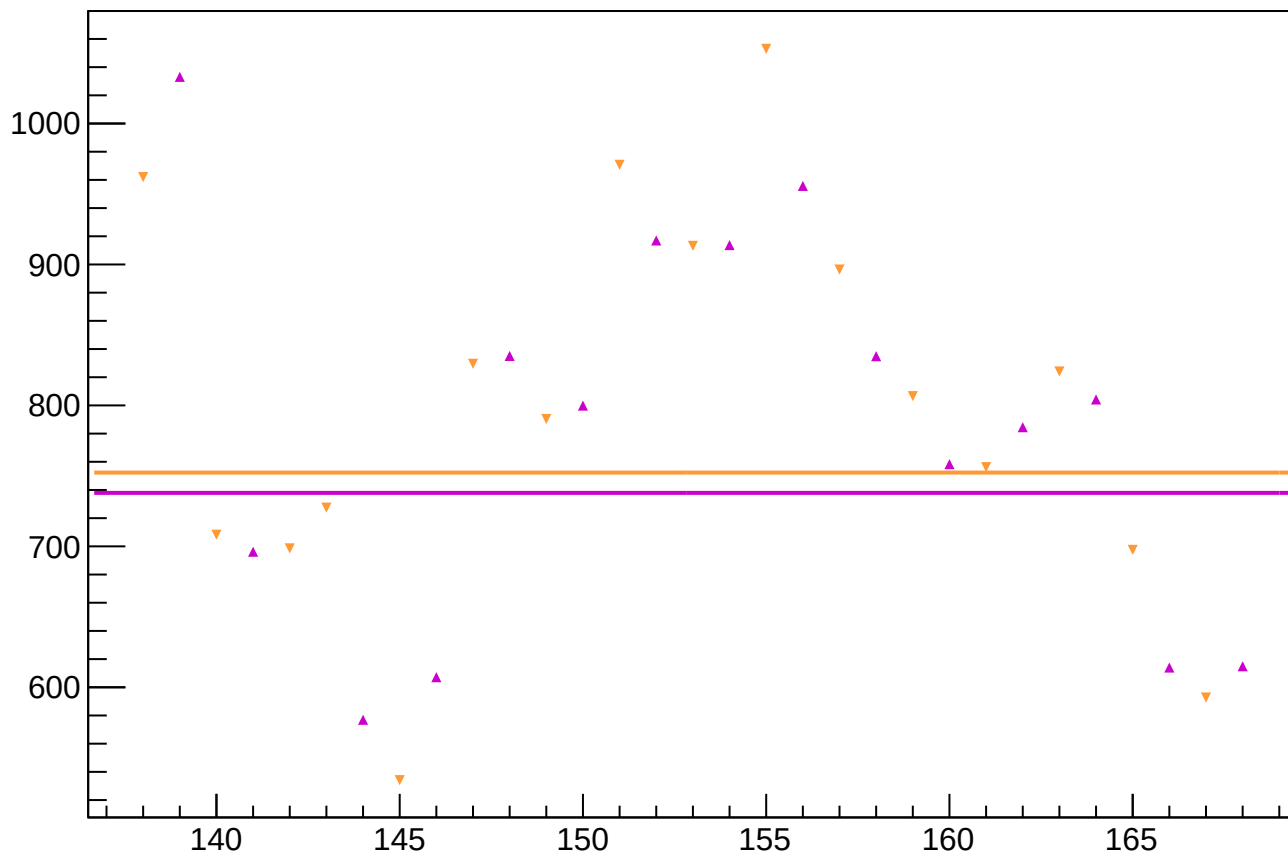
Left In: -87.780+/-218.845 χ^2/NDF : 12.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 693.668+/-155.844 χ^2/NDF : 67.7/30

- 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: 752.349+/-0.157 χ^2/NDF : 789581.2/15

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

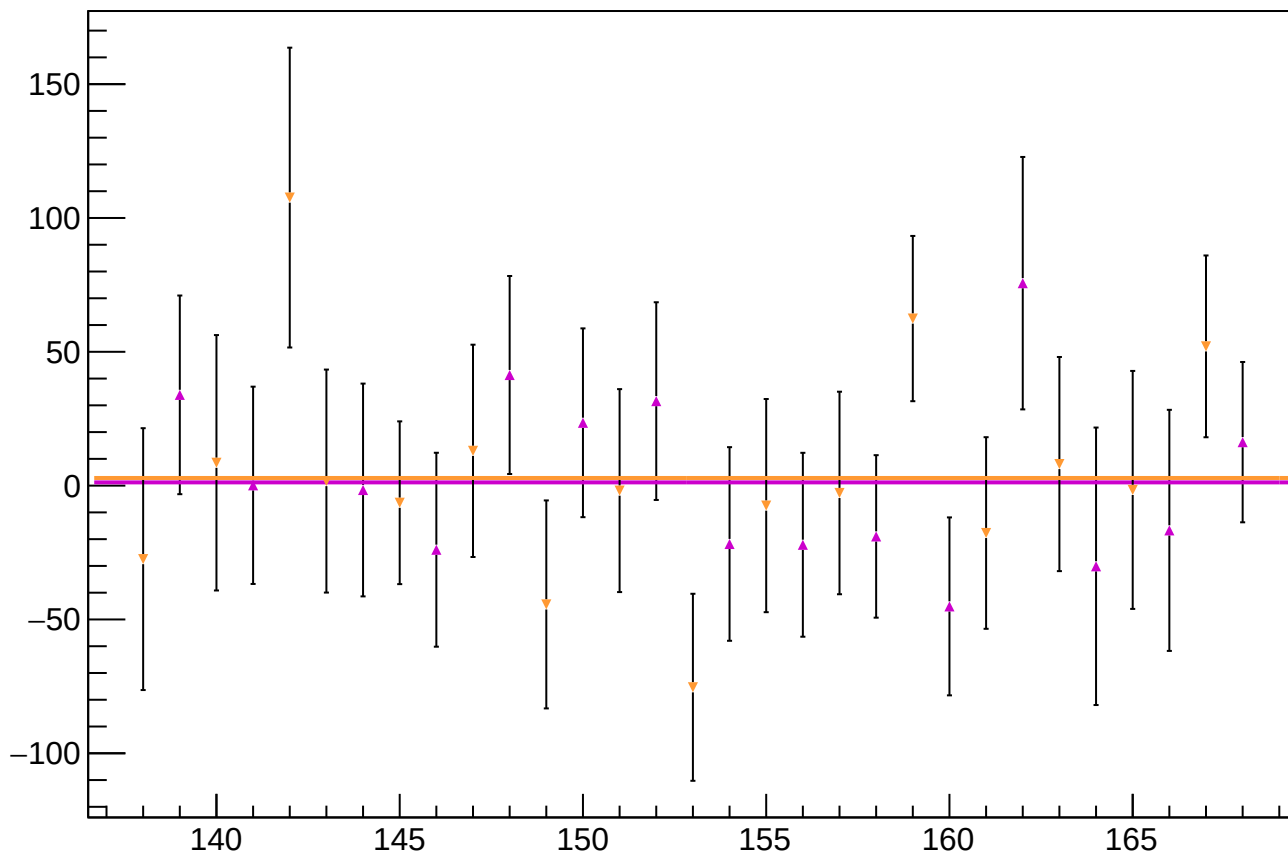
Left In: 737.949+/-0.155 χ^2/NDF : 726226.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 745.046+/-0.110 χ^2/NDF : 1520075.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: 2.859 $\pm$ 9.621 χ^2 /NDF:16.8/15

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

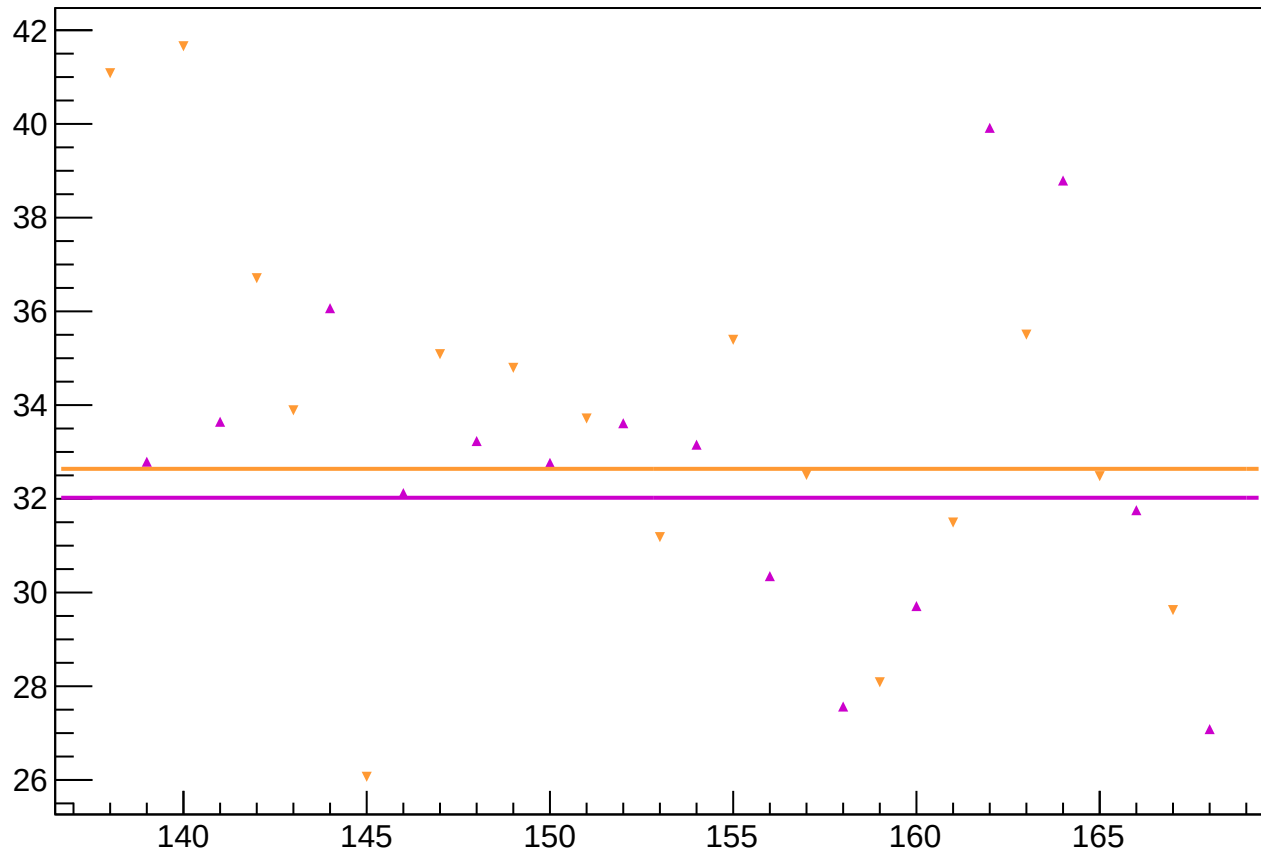
Left In: 1.214 $\pm$ 9.468 χ^2 /NDF:10.0/14

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

All: 2.023 $\pm$ 6.748 χ^2 /NDF: 26.9/30

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

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 32.640 $\pm$ 0.007 χ^2/NDF :336858.8/15

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

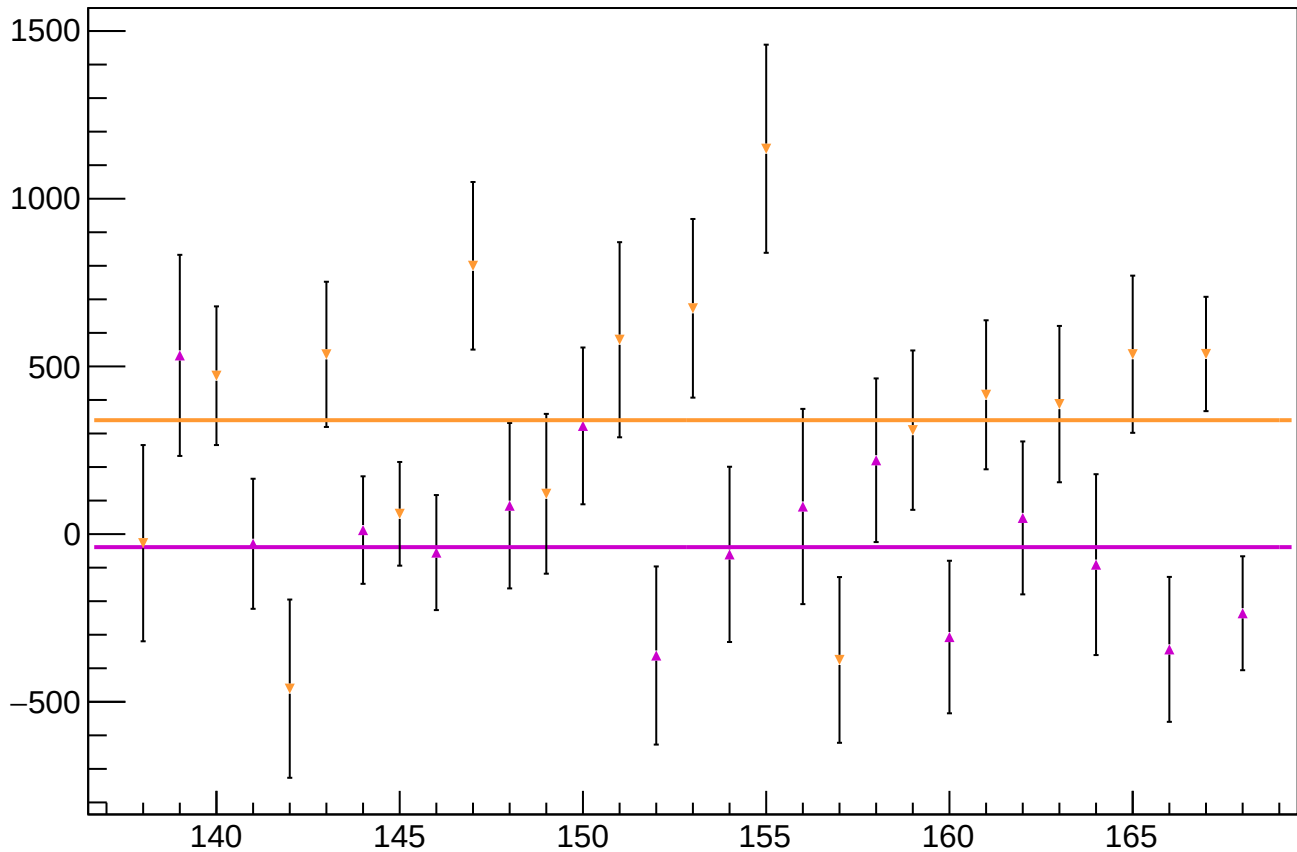
Left In: 32.022 $\pm$ 0.007 χ^2/NDF :236234.6/14

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

All: 32.326 $\pm$ 0.005 χ^2/NDF : 577275.7/30

- sign 0.000 $\pm$ 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: 339.679+/-57.002 χ^2/NDF : 39.0/15

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

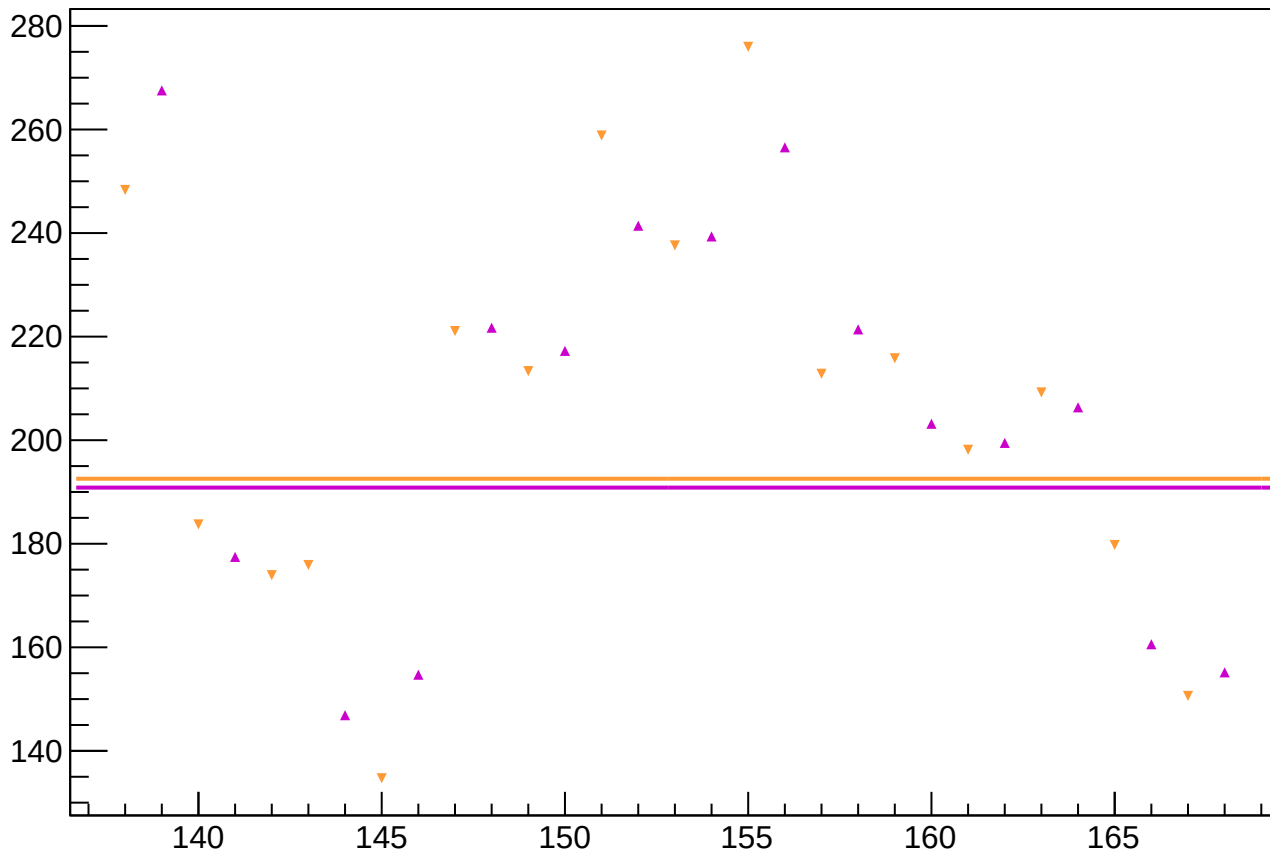
Left In: -38.808+/-56.685 χ^2/NDF : 14.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.381+/-40.194 χ^2/NDF : 75.3/30

- 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: 192.559+/-0.040 χ^2/NDF : 896099.6/15

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

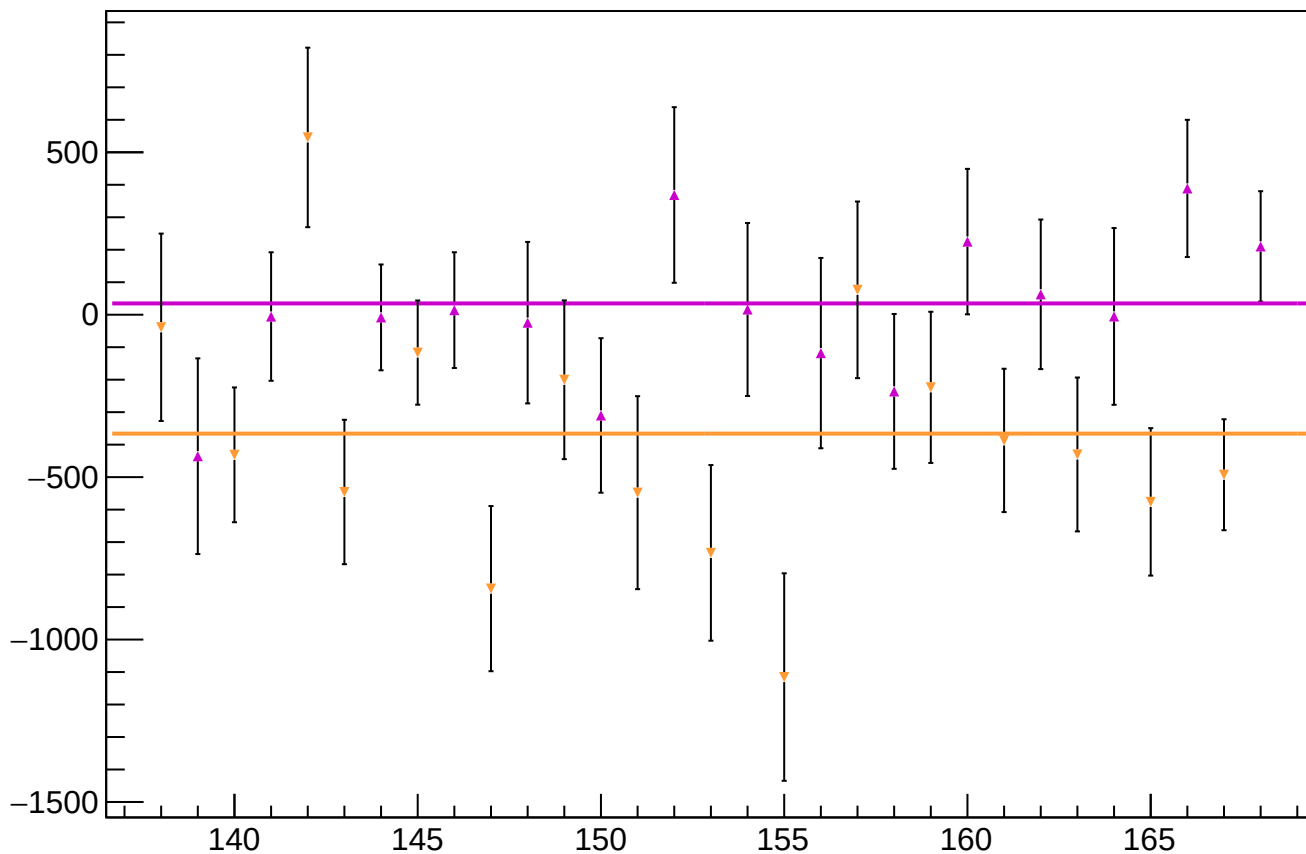
Left In: 190.843+/-0.040 χ^2/NDF : 854046.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.696+/-0.028 χ^2/NDF : 1751057.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -366.006+/-57.871 χ^2/NDF : 31.6/15

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

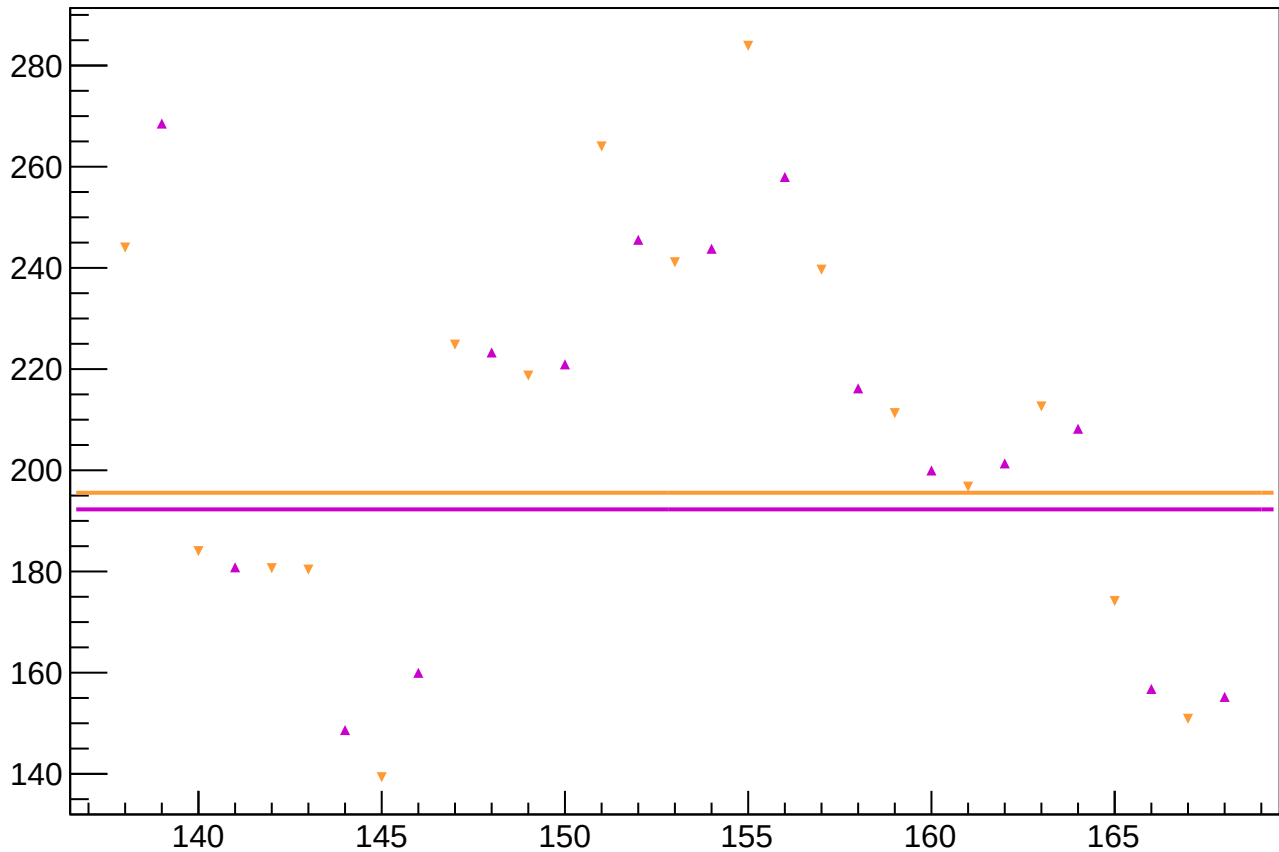
Left In: 34.773+/-57.165 χ^2/NDF : 12.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.156+/-40.669 χ^2/NDF : 68.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 195.560+/-0.041 χ^2/NDF : 910958.2/15

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

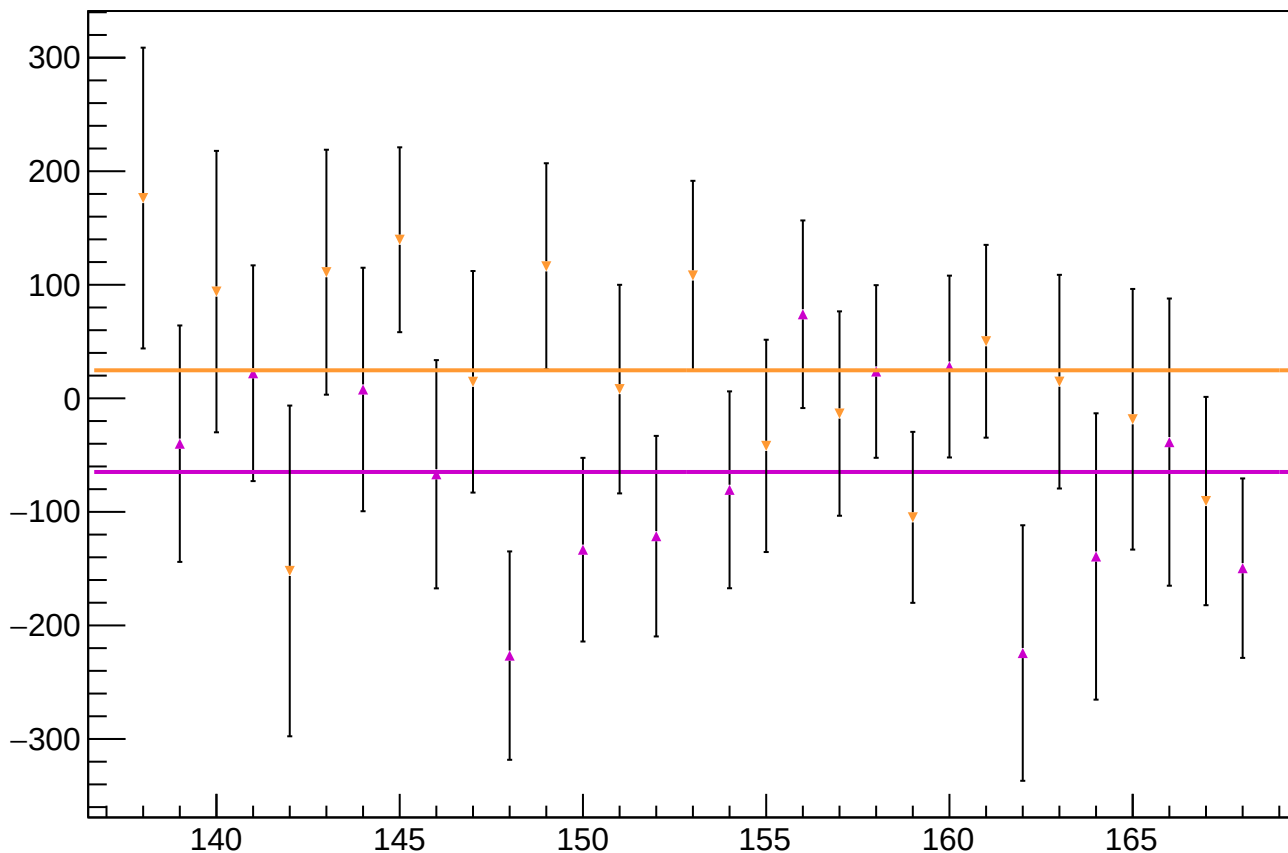
Left In: 192.274+/-0.040 χ^2/NDF : 841298.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.897+/-0.029 χ^2/NDF : 1755521.5/30

- 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: 24.686+/-23.865 χ^2/NDF :13.3/15

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

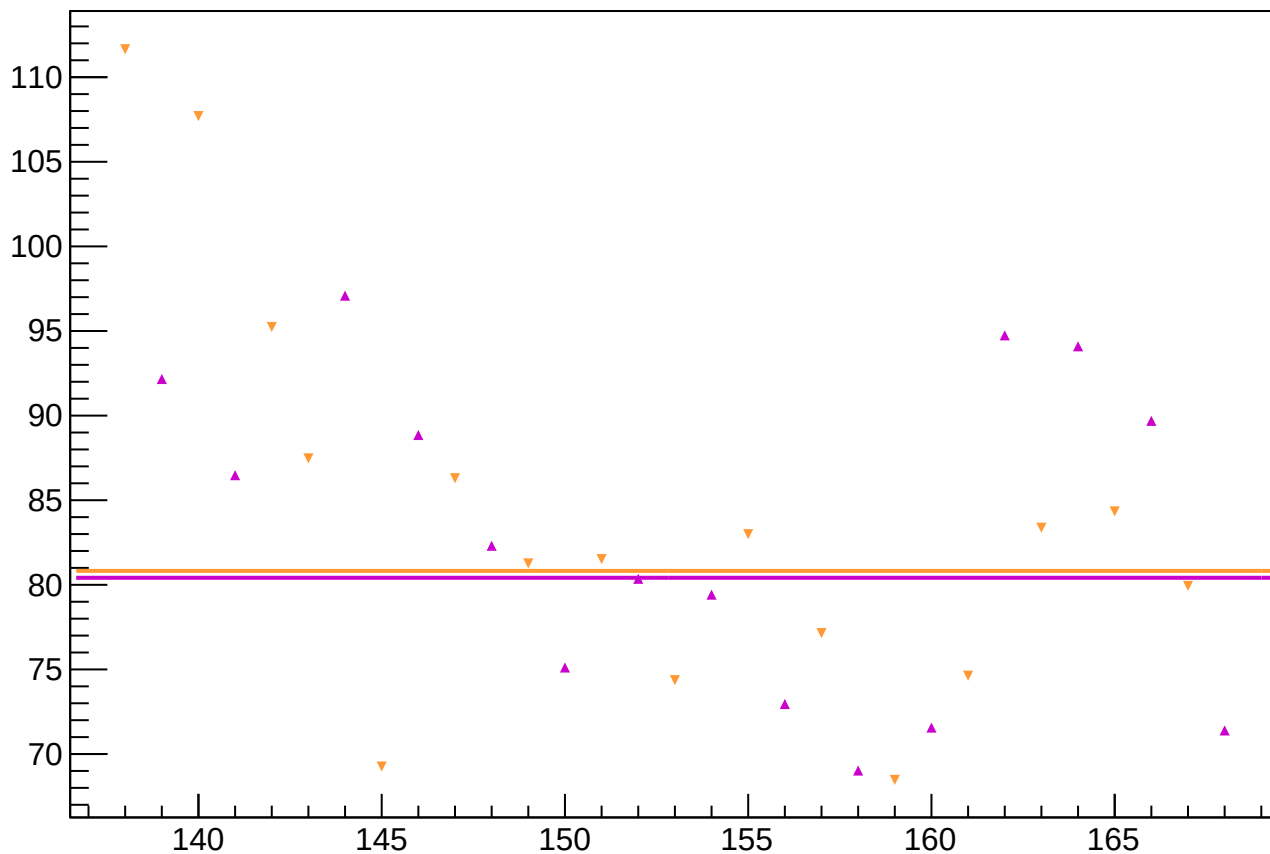
Left In: -64.859+/-23.823 χ^2/NDF :14.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.166+/-16.860 χ^2/NDF : 35.0/30

- 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: 80.824+/-0.017 χ^2/NDF : 360879.0/15

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

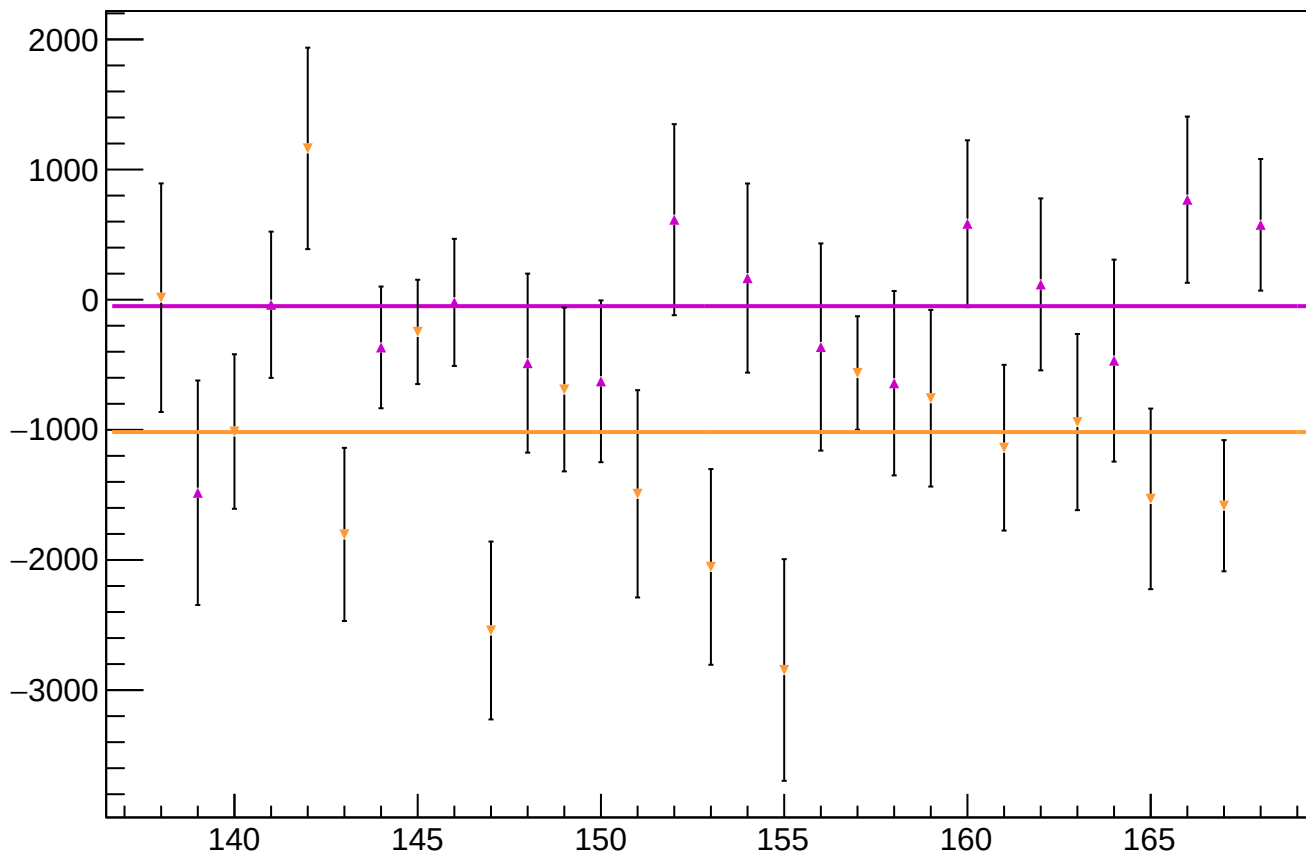
Left In: 80.416+/-0.017 χ^2/NDF : 284211.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.619+/-0.012 χ^2/NDF : 645384.5/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -1017.285 $\pm$ 154.718 χ^2 /NDF:29.6/15

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

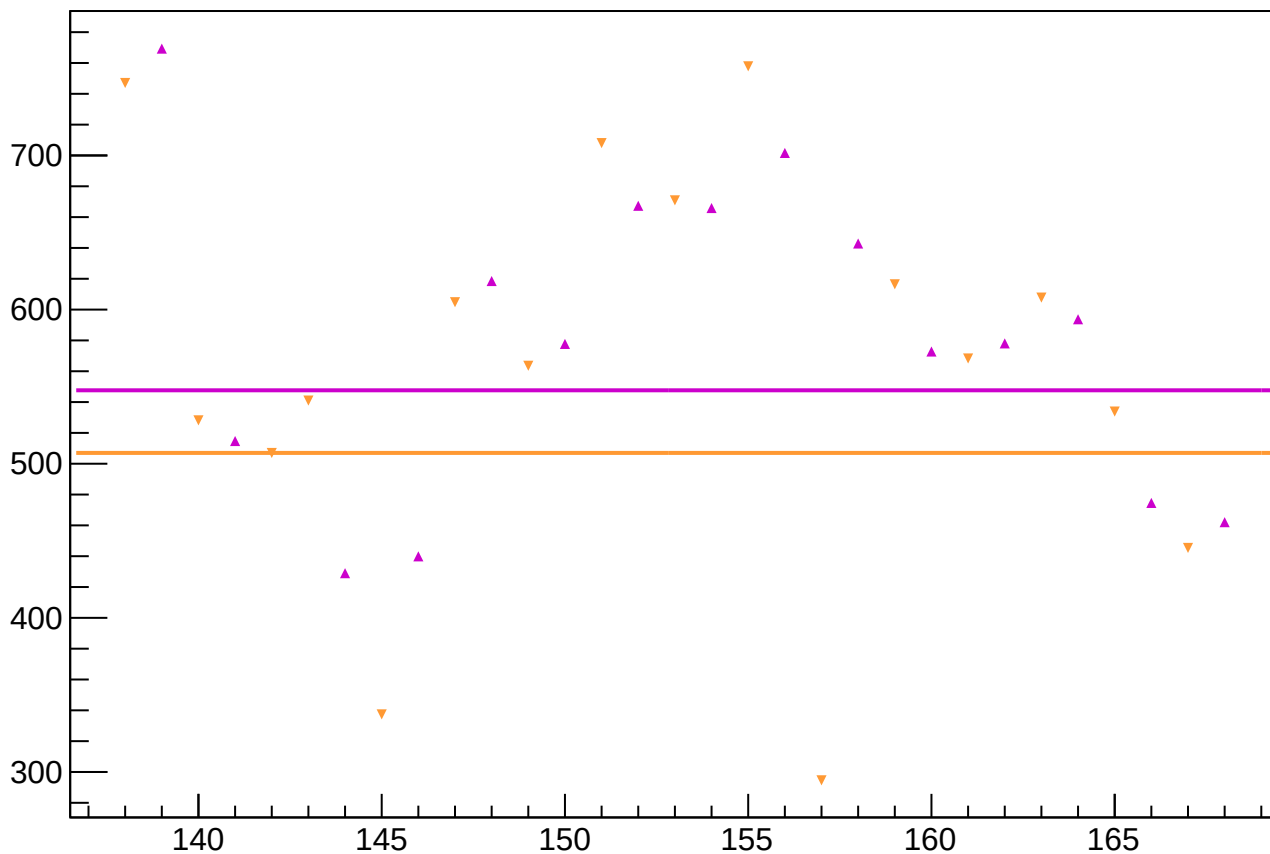
Left In: -49.576 $\pm$ 162.129 χ^2 /NDF:10.8/14

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

All: -556.052 $\pm$ 111.931 χ^2 /NDF: 59.0/30

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

asym_sam_12345678_avg_correction_rms vs Slug



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

Left Out: 507.014+/-0.109 χ^2/NDF :1591168.3/15

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

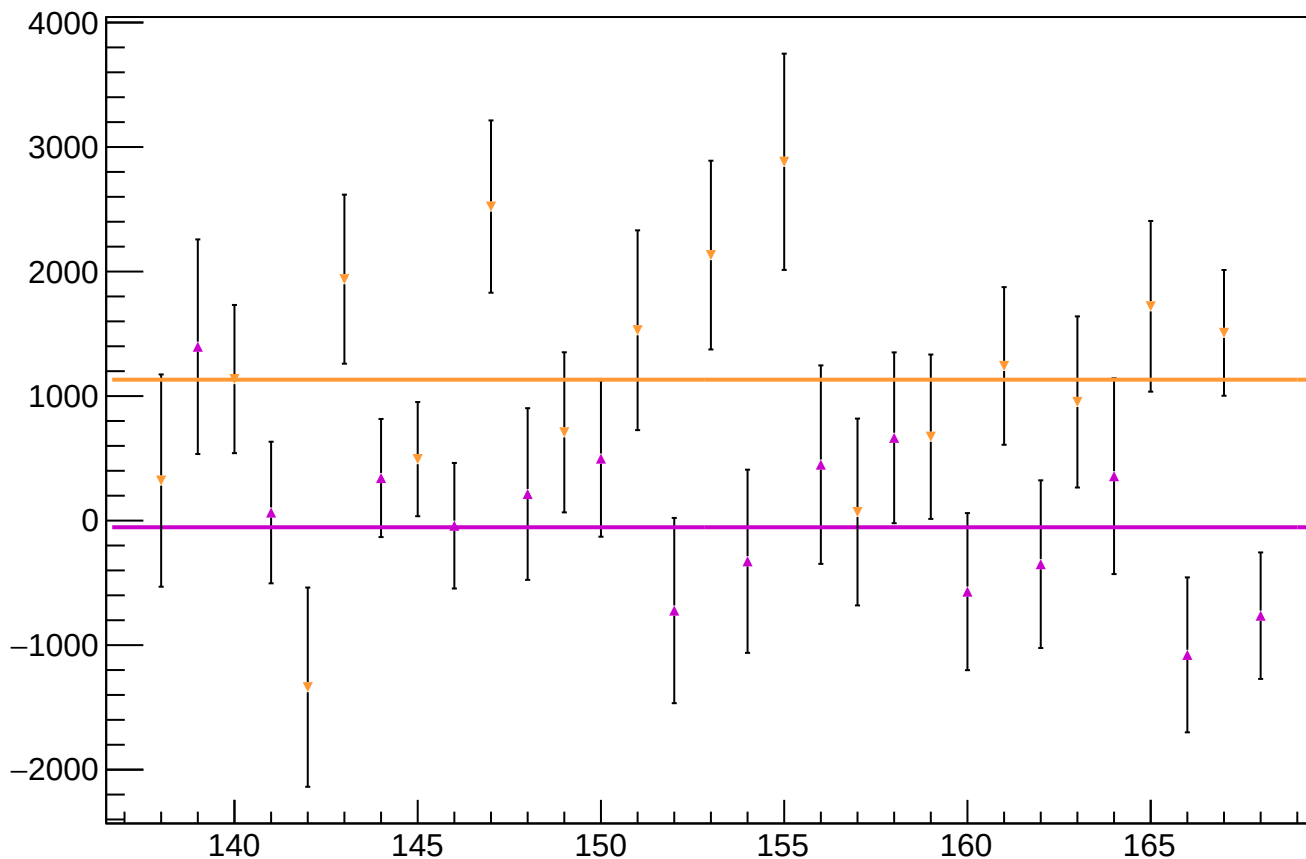
Left In: 547.638+/-0.115 χ^2/NDF :705959.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.377+/-0.079 χ^2/NDF : 2362844.7/30

- 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: 1131.784+/-165.389 χ^2/NDF : 28.2/15

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

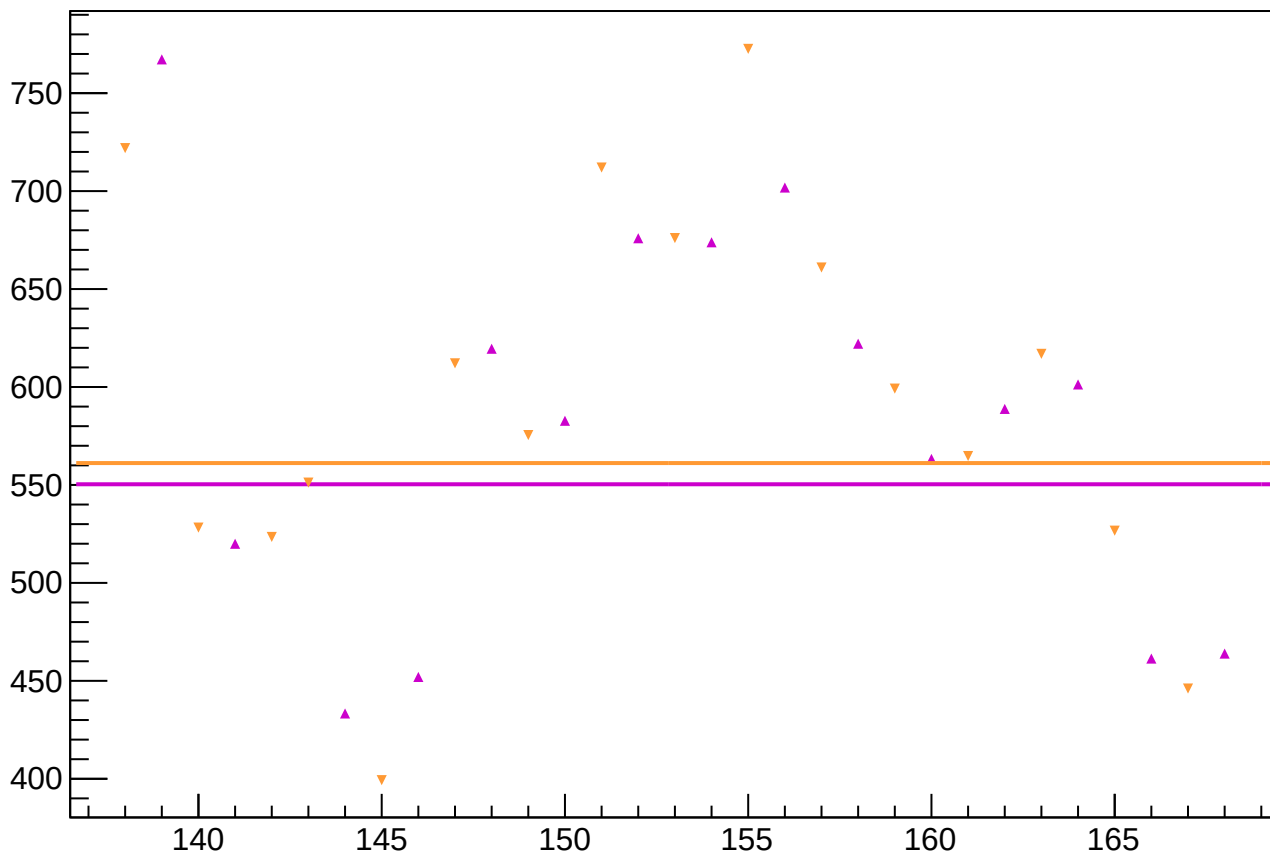
Left In: -53.315+/-163.036 χ^2/NDF : 12.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.744+/-116.107 χ^2/NDF : 67.0/30

- 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: 561.173+/-0.117 χ^2/NDF : 742843.0/15

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

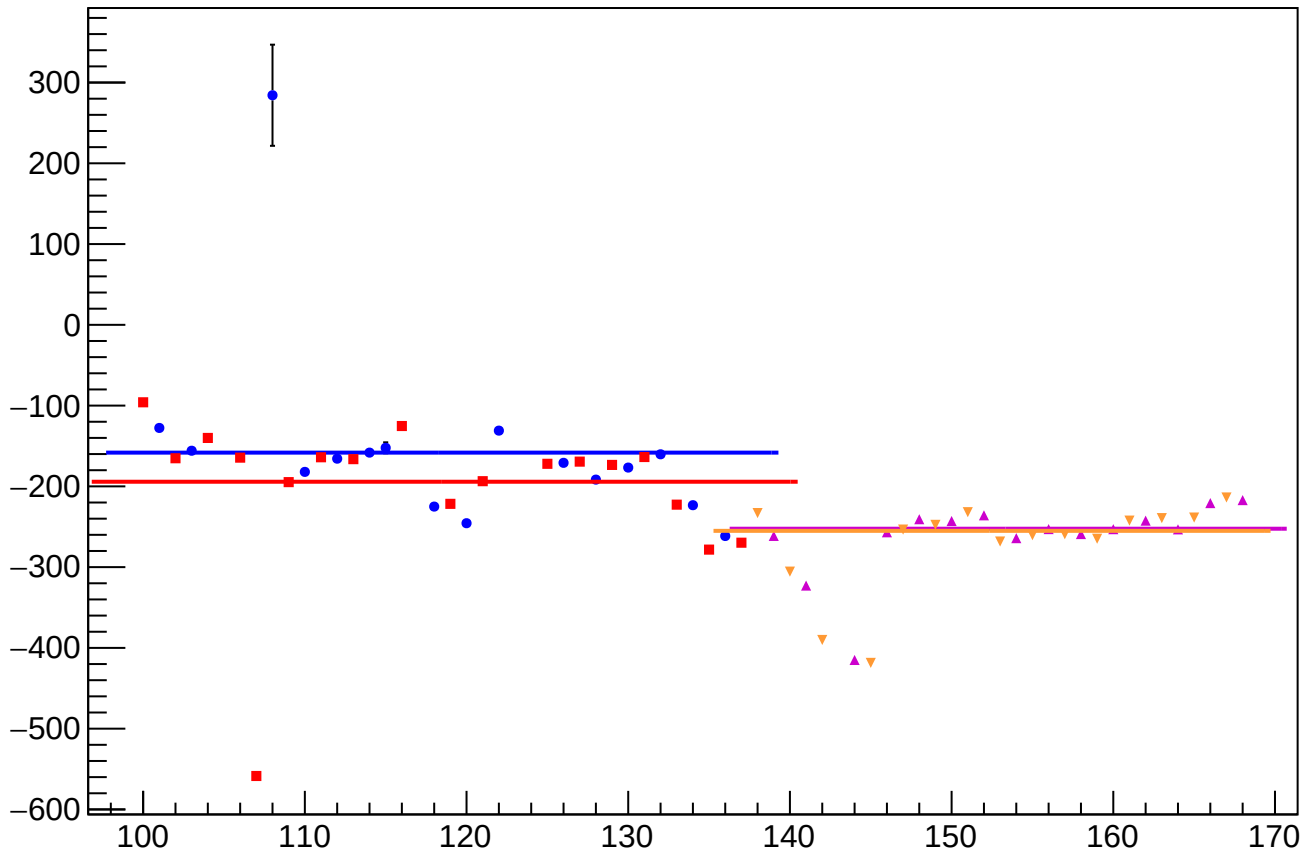
Left In: 550.346+/-0.115 χ^2/NDF : 677914.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.682+/-0.082 χ^2/NDF : 1425103.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 117166.2/15$

Left Out: -255.072 ± 0.145 $\chi^2/\text{NDF}: 38629.1/14$

Right Out: -194.268 ± 0.165 $\chi^2/\text{NDF}: 176560.4/17$

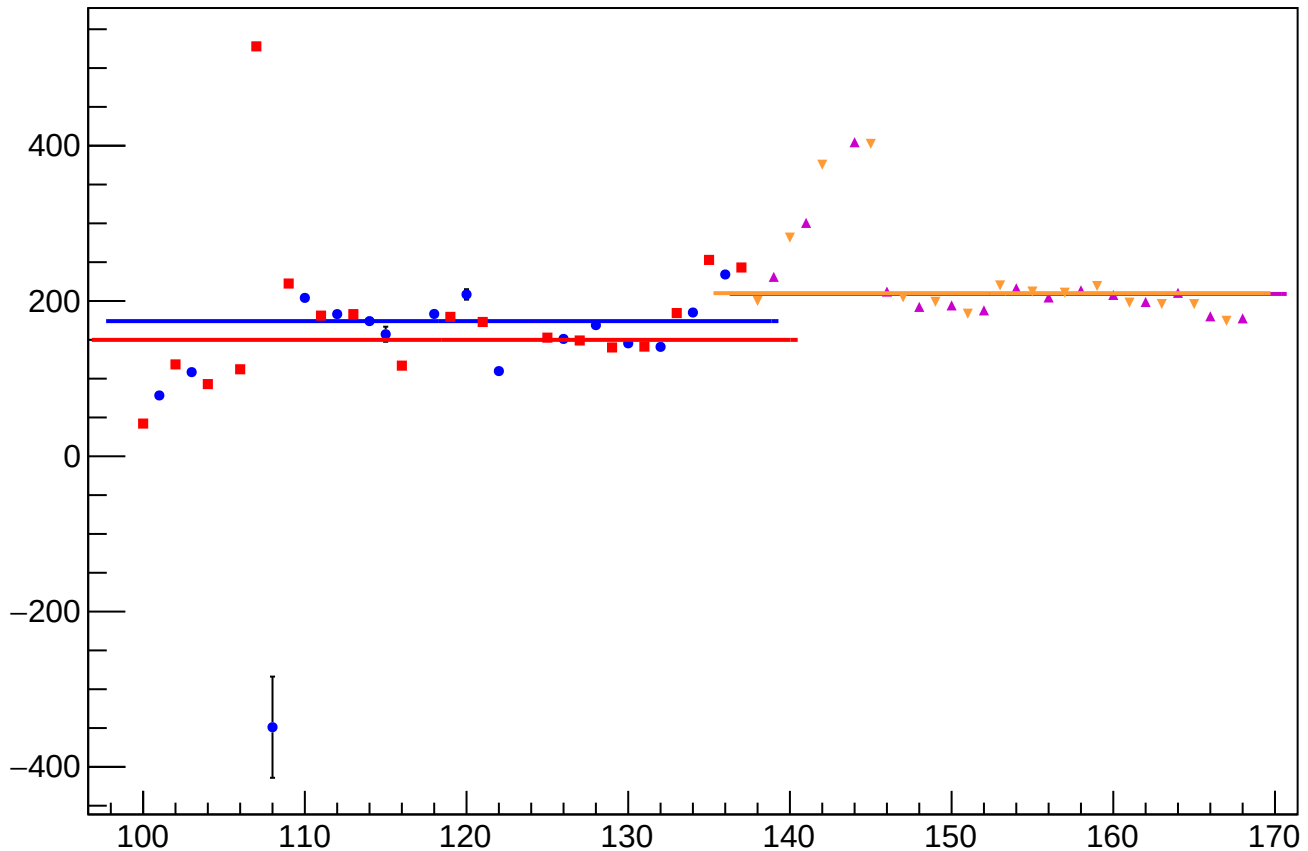
Left In: -252.442 ± 0.144 $\chi^2/\text{NDF}: 63952.1/14$

+ sign -158.222 ± 0.000 $\chi^2/\text{NDF}: 603565.9/30$

All: -158.222 ± 0.000 $\chi^2/\text{NDF}: 1321308.1/63$

- sign -227.364 ± 0.108 $\chi^2/\text{NDF}: 311108.6/32$

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 210.078 $\pm$ 0.144 χ^2 /NDF: 43152.5/14

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

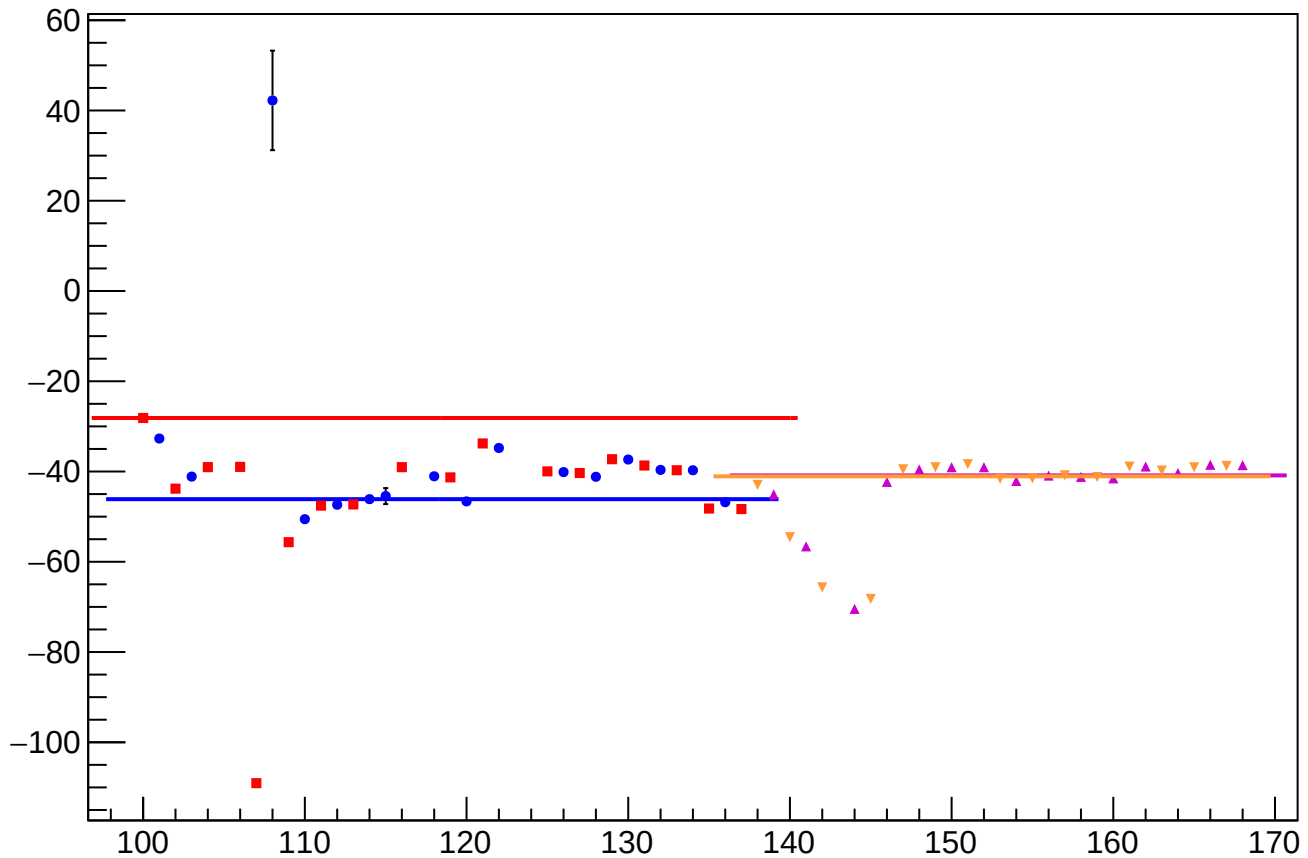
Left In: 209.089 $\pm$ 0.144 χ^2 /NDF: 78950.7/14

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 158759.0/30

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 479747.2/63

- sign 188.263 $\pm$ 0.116 χ^2 /NDF: 306059.6/32

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 χ^2/NDF : 201273.7/15

Left Out: -41.064 ± 0.008 χ^2/NDF : 96566.0/14

Right Out: -28.139 ± 0.000 χ^2/NDF : 746939.9/17

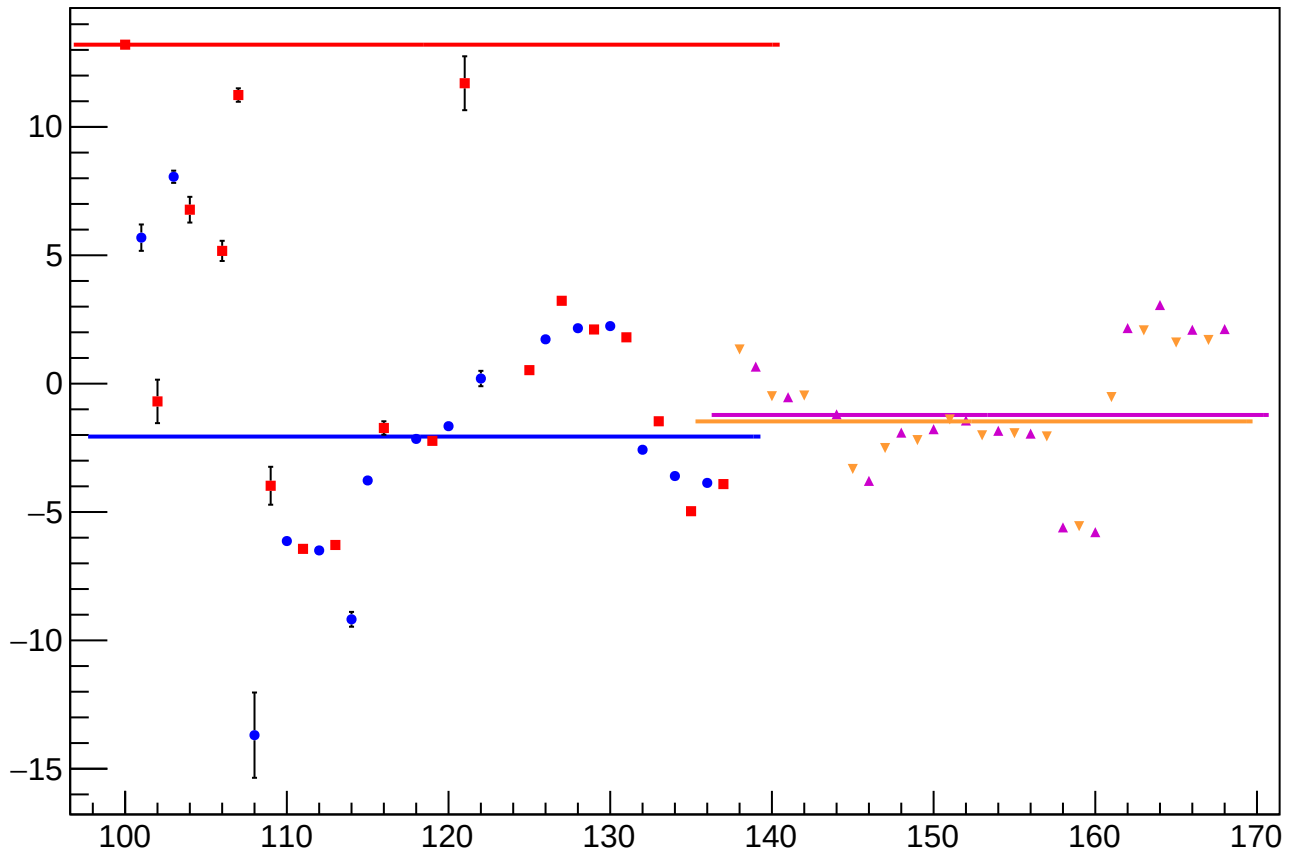
Left In: -40.861 ± 0.009 χ^2/NDF : 166177.6/14

+ sign -46.126 ± 0.000 χ^2/NDF : 713106.7/30

All: -39.778 ± 0.000 χ^2/NDF : 248795993231

- sign -28.139 ± 0.000 χ^2/NDF : 2920437.5/32

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -1.470 ± 0.008 χ^2/NDF : 76061.6/14

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

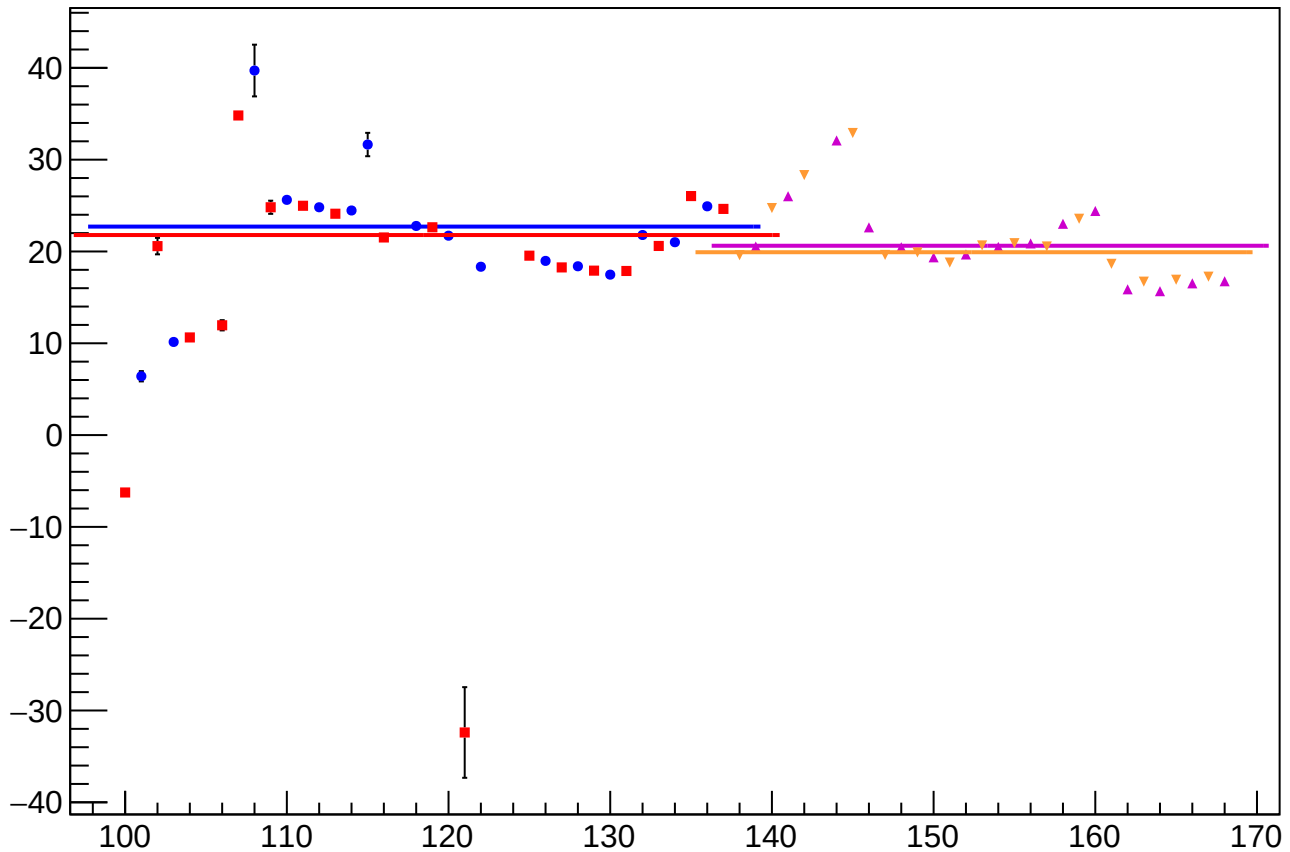
Left In: -1.220 ± 0.007 χ^2/NDF : 135911.7/14

+ sign -1.578 ± 0.008 χ^2/NDF : 102625.3/30

All: 13.204 ± 0.000 χ^2/NDF : 9345225.9/63

- sign 13.204 ± 0.000 χ^2/NDF : 5467005.5/32

dit_usl_4eY_slope vs Slug



Right In: 22.711 ± 0.019 χ^2/NDF : 22767.9/15

Left Out: 19.918 ± 0.010 χ^2/NDF : 52861.6/14

Right Out: 21.790 ± 0.022 χ^2/NDF : 26670.9/17

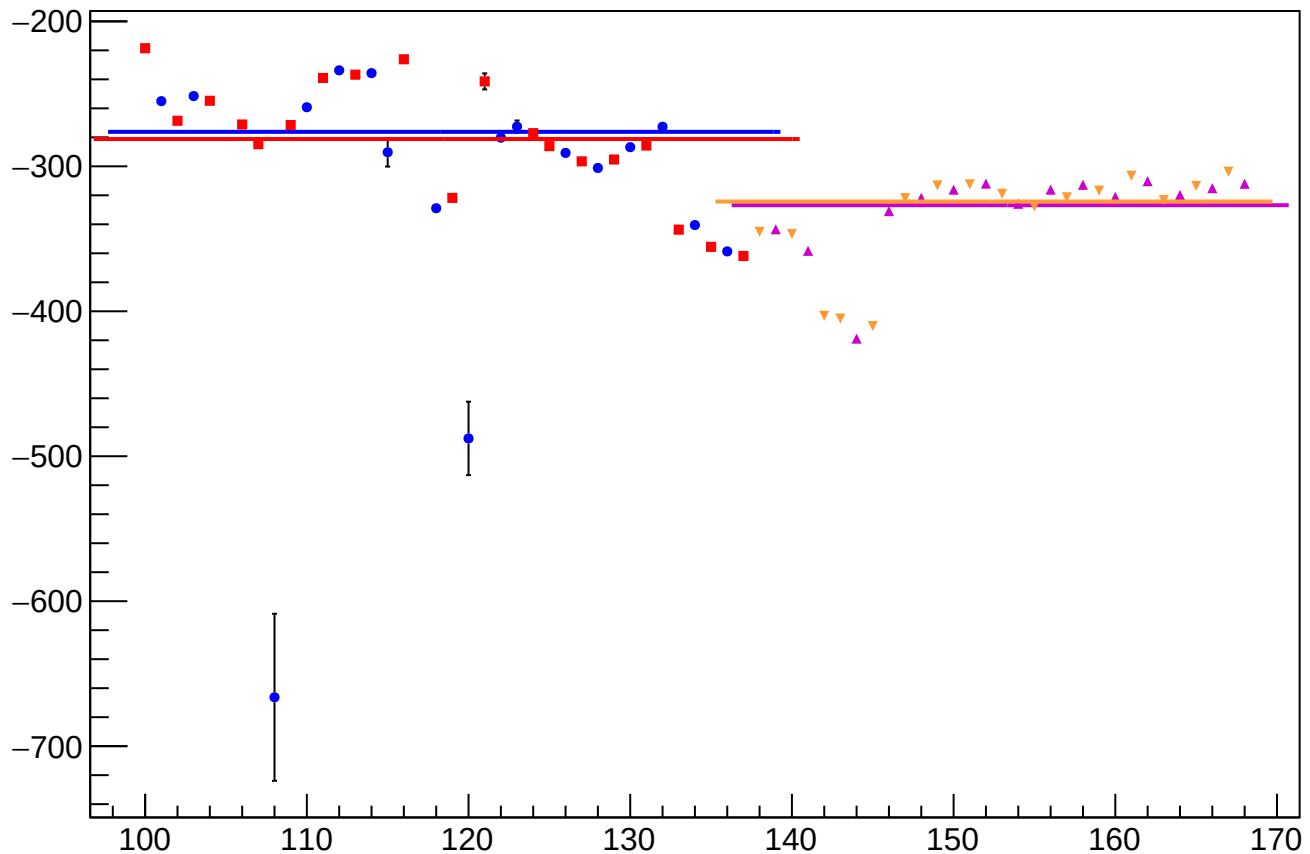
Left In: 20.624 ± 0.008 χ^2/NDF : 100054.5/14

+ sign 20.526 ± 0.009 χ^2/NDF : 92974.5/30

All: 20.666 ± 0.006 χ^2/NDF : 222711.9/63

- sign 20.775 ± 0.008 χ^2/NDF : 129281.1/32

dit_usr_4aX_slope vs Slug



Right In: -276.201 $\pm$ 0.167 χ^2 /NDF: 58107.7/16

Left Out: -324.265 $\pm$ 0.127 χ^2 /NDF: 34782.2/15

Right Out: -281.150 $\pm$ 0.148 χ^2 /NDF: 77611.5/18

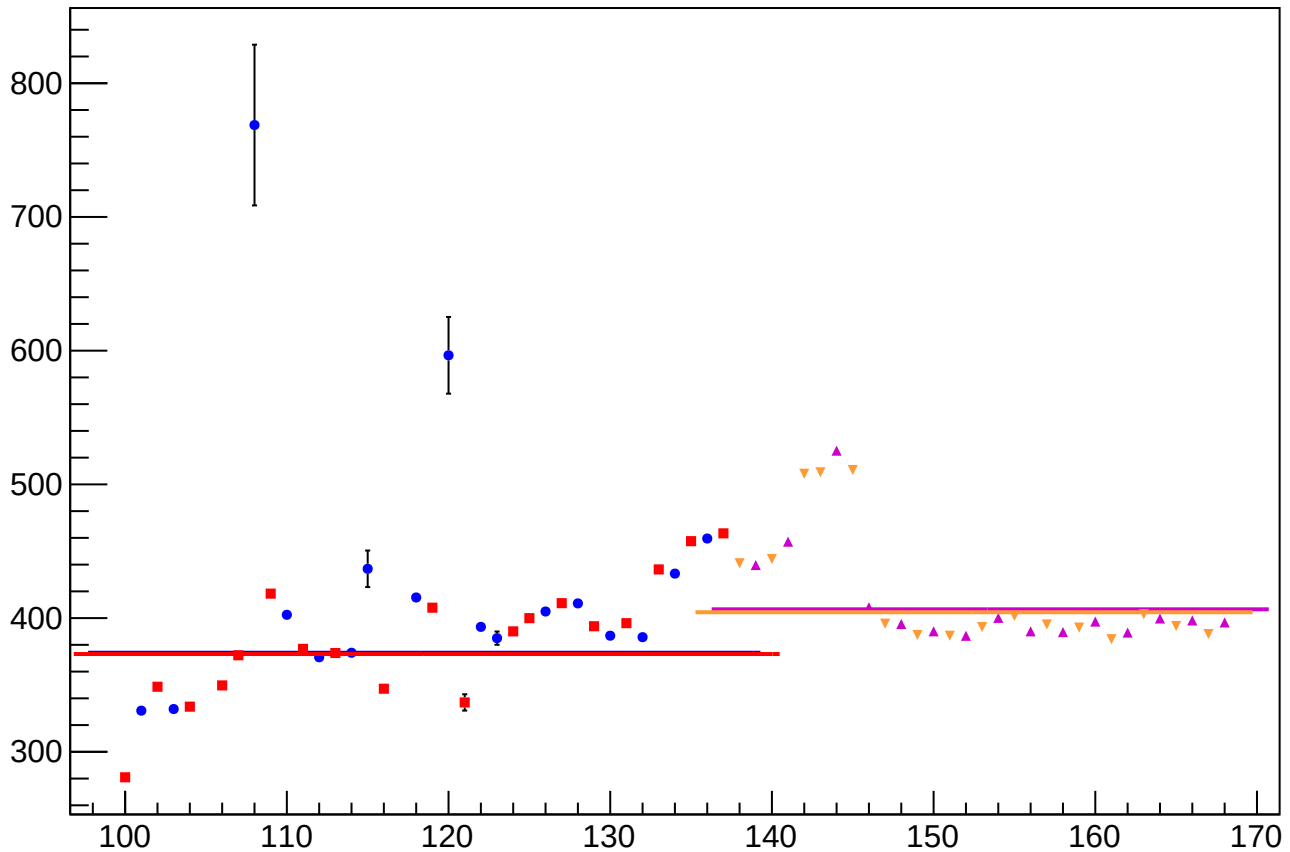
Left In: -326.816 $\pm$ 0.114 χ^2 /NDF: 39137.0/14

+ sign -306.622 $\pm$ 0.101 χ^2 /NDF: 145589.4/32

All: -308.303 $\pm$ 0.067 χ^2 /NDF: 322625.3/66

- sign -309.655 $\pm$ 0.090 χ^2 /NDF: 176535.0/33

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 404.387 $\pm$ 0.128 χ^2 /NDF: 54957.2/15

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

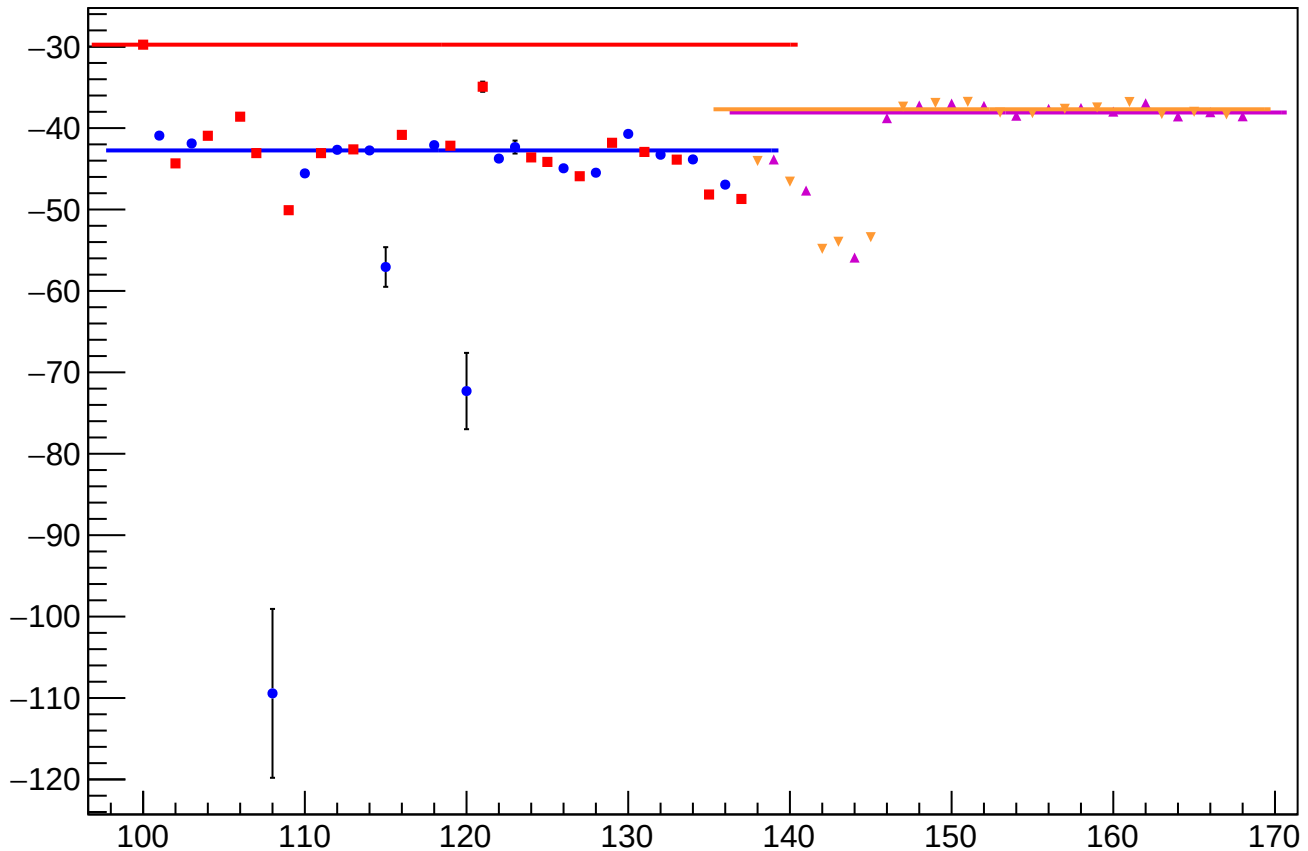
Left In: 406.565 $\pm$ 0.115 χ^2 /NDF: 63285.6/14

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 145965.6/32

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 396574.8/66

- sign 394.920 $\pm$ 0.093 χ^2 /NDF: 200698.5/33

dit_usr_11X12X_slope vs Slug



Right In: -42.744 ± 0.000 χ^2/NDF : 13262.6/16

Left Out: -37.689 ± 0.005 χ^2/NDF : 257205.1/15

Right Out: -29.754 ± 0.000 χ^2/NDF : 483930.3/18

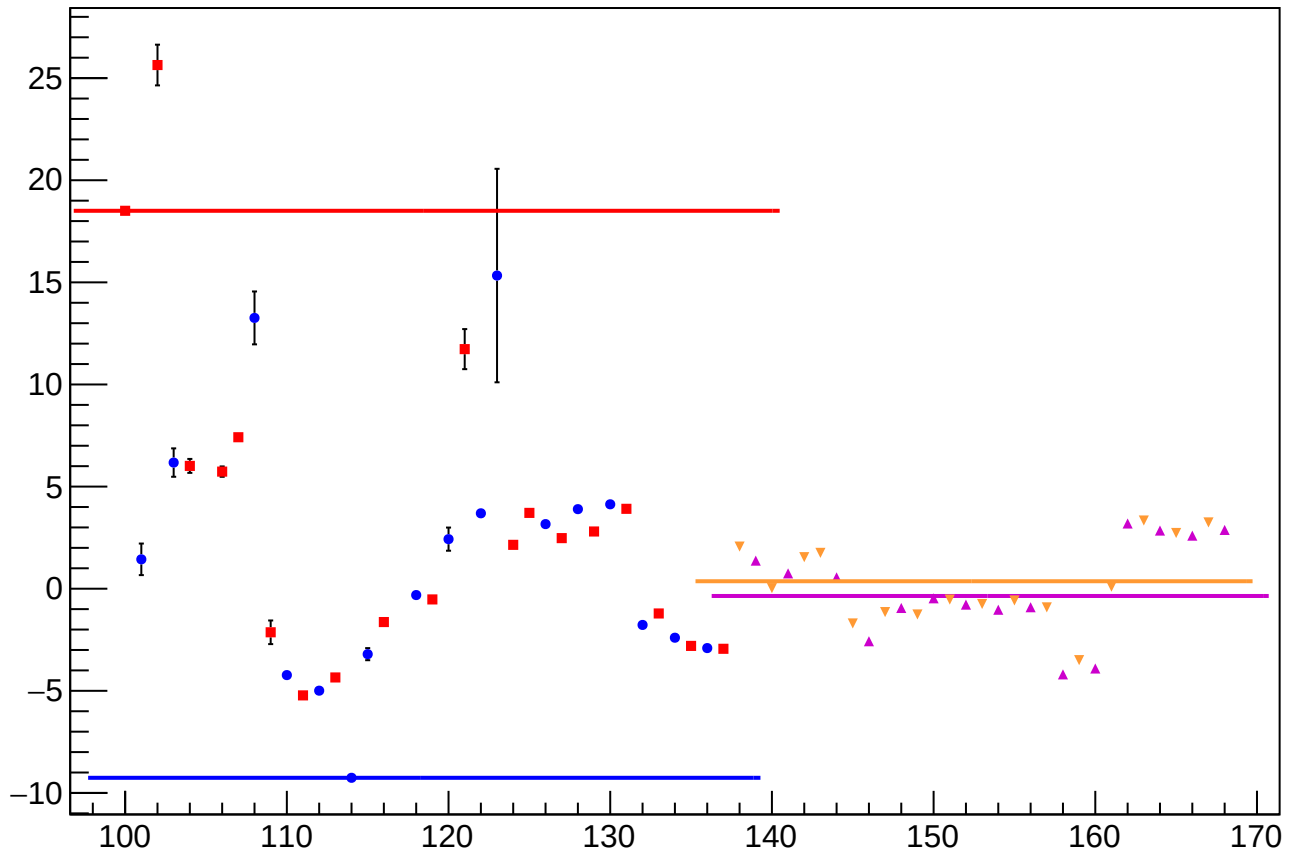
Left In: -38.085 ± 0.005 χ^2/NDF : 148961.7/14

+ sign -42.744 ± 0.000 χ^2/NDF : 1521578.1/32

All: -38.159 ± 0.000 χ^2/NDF : 129765212680

- sign -29.754 ± 0.000 χ^2/NDF : 3703593.7/33

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Left Out: 0.366 ± 0.007 χ^2/NDF : 111127.0/15

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

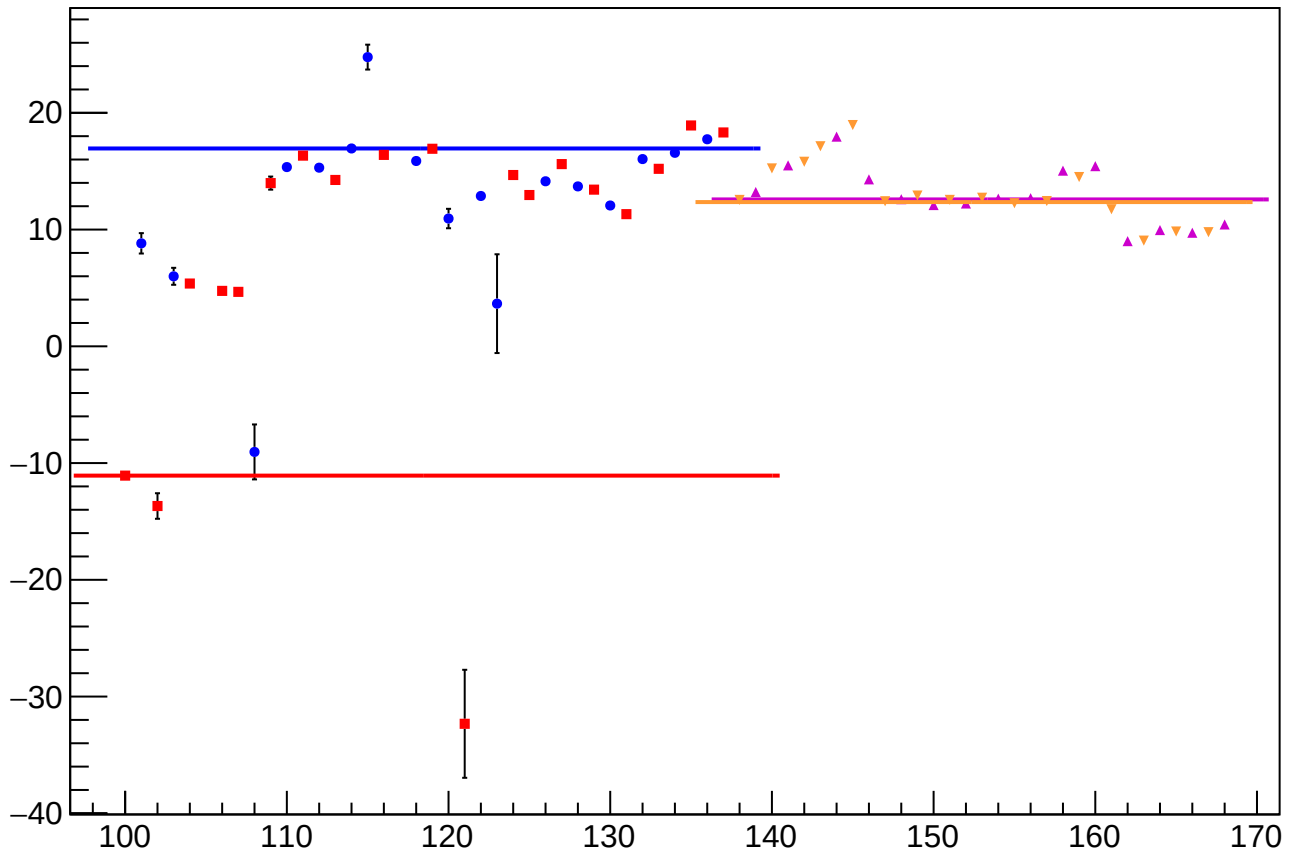
Left In: -0.356 ± 0.007 χ^2/NDF : 105831.2/14

+ sign -9.259 ± 0.000 χ^2/NDF : 2537238.5/32

All: 6.039 ± 0.000 χ^2/NDF : 1645057450595

- sign 18.504 ± 0.000 χ^2/NDF : 15136467.5/33

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 12.355 $\pm$ 0.009 χ^2 /NDF: 45318.9/15

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

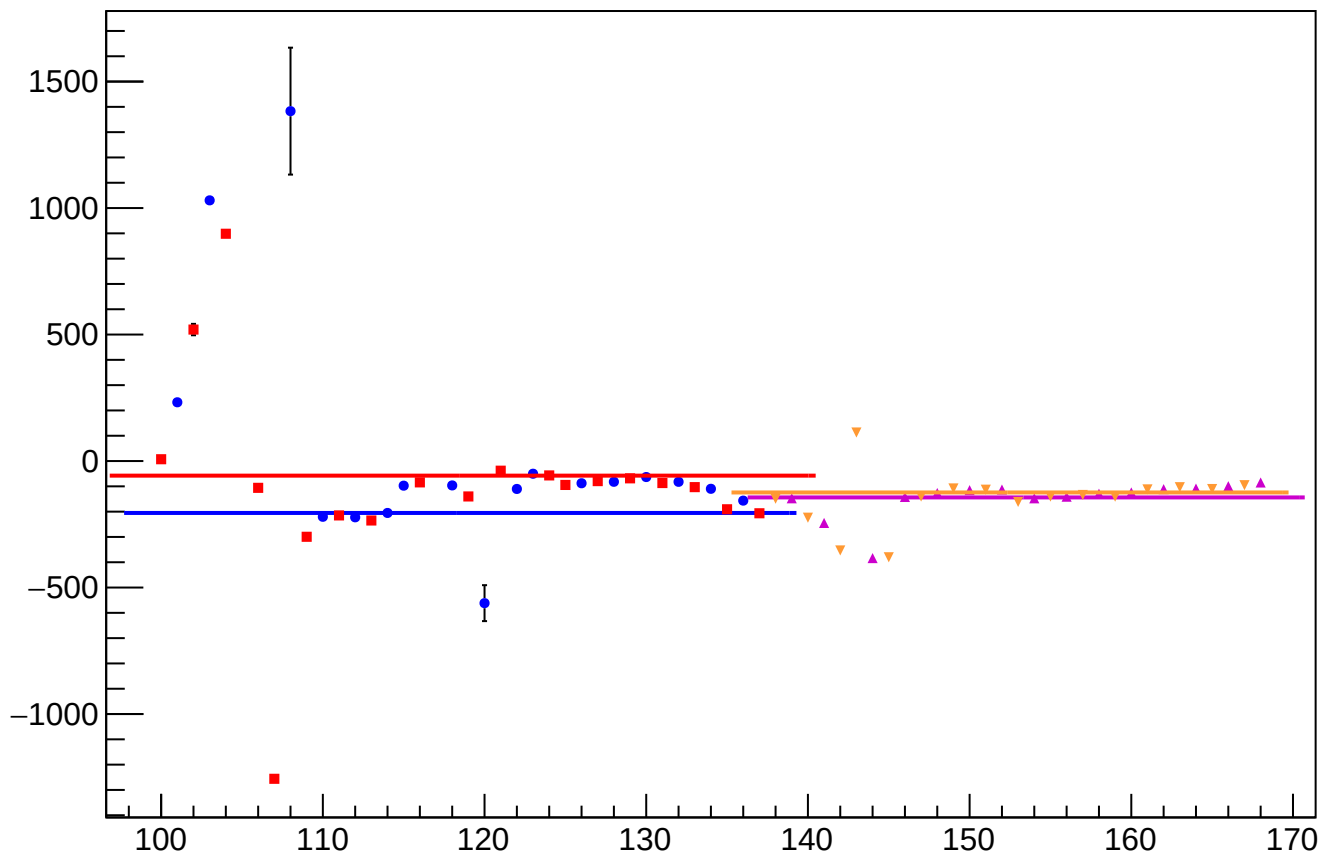
Left In: 12.583 $\pm$ 0.010 χ^2 /NDF: 39681.8/14

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 332693.9/32

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

- sign -11.075 $\pm$ 0.000 χ^2 /NDF: 8796921.0/33

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -124.152+/-0.232 χ^2/NDF : 48881.2/15

Right Out: -57.684+/-0.283 χ^2/NDF : 114854.9/18

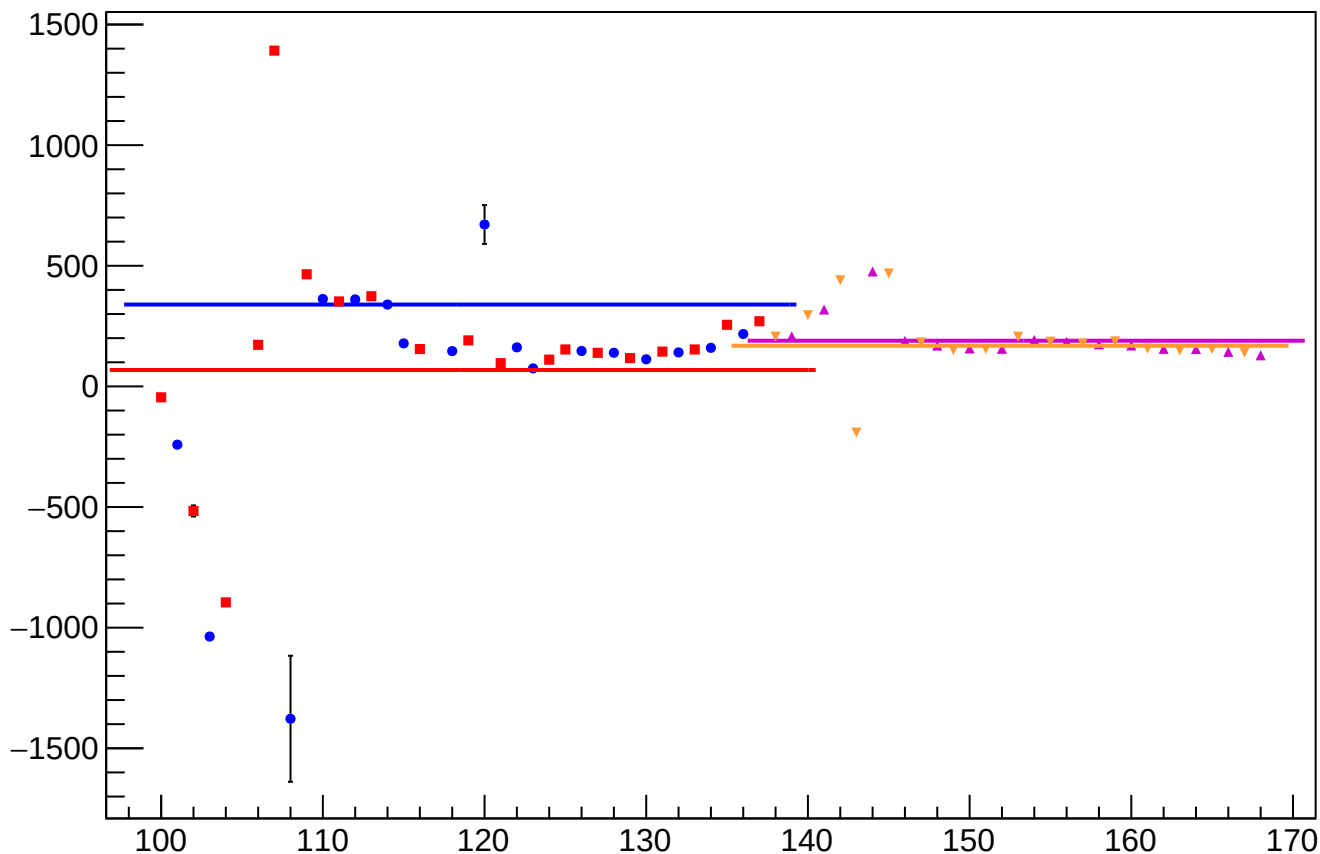
Left In: -143.815+/-0.298 χ^2/NDF : 45718.2/14

+ sign -205.160+/-0.000 χ^2/NDF : 753248.7/32

All: -205.160+/-0.000 χ^2/NDF : 1227113.5/66

- sign -98.593+/-0.205 χ^2/NDF : 204459.3/33

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 168.440+/-0.237 χ^2/NDF : 83617.3/15

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

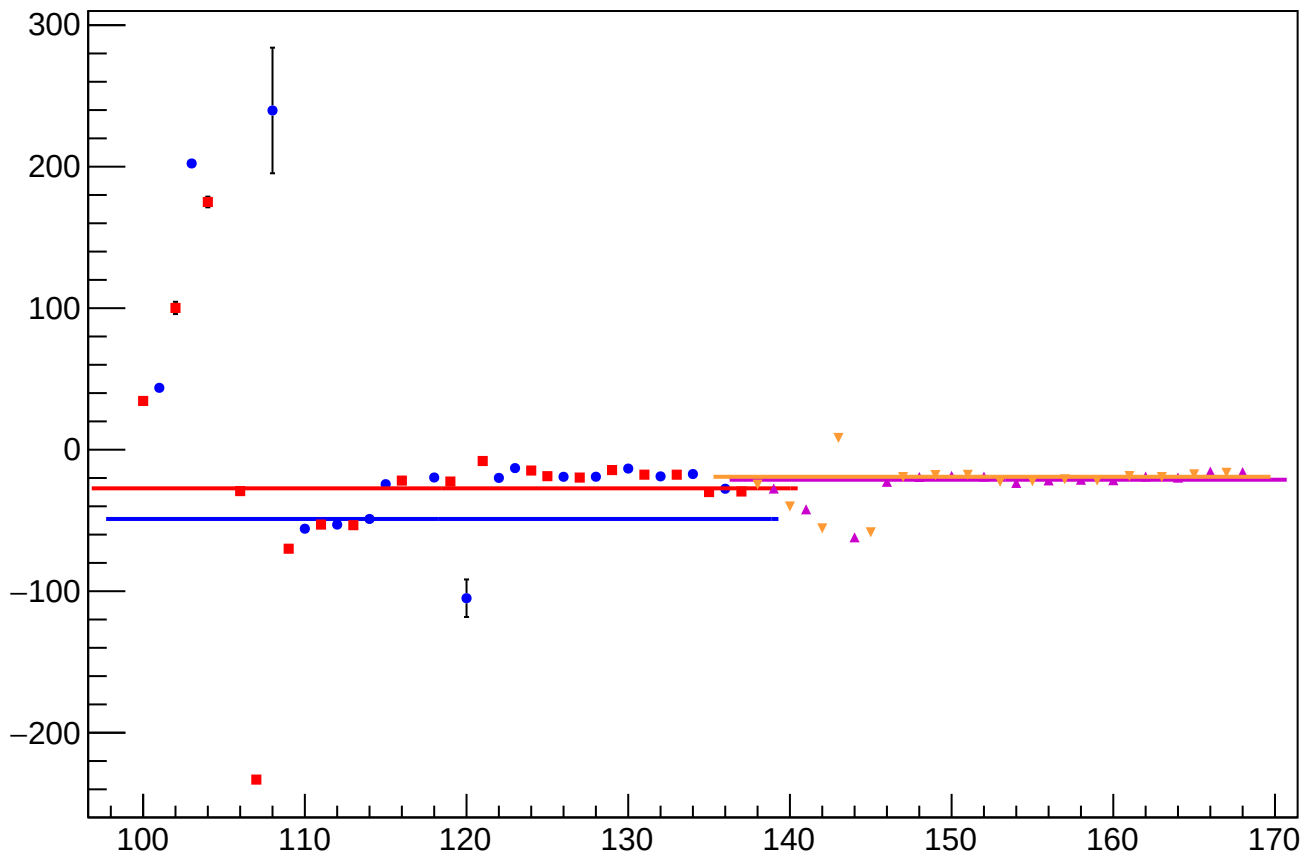
Left In: 189.316+/-0.302 χ^2/NDF : 52169.6/14

+ sign 339.325+/-0.000 χ^2/NDF : 1635626.5/32

All: 339.325+/-0.000 χ^2/NDF : 3105989.1/66

- sign 125.362+/-0.208 χ^2/NDF : 409477.6/33

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 $\pm$ 0.000 χ^2 /NDF: 5408370.4/16

Left Out: -19.135 $\pm$ 0.013 χ^2 /NDF: 567411.9/15

Right Out: -27.303 $\pm$ 0.052 χ^2 /NDF: 167879.9/18

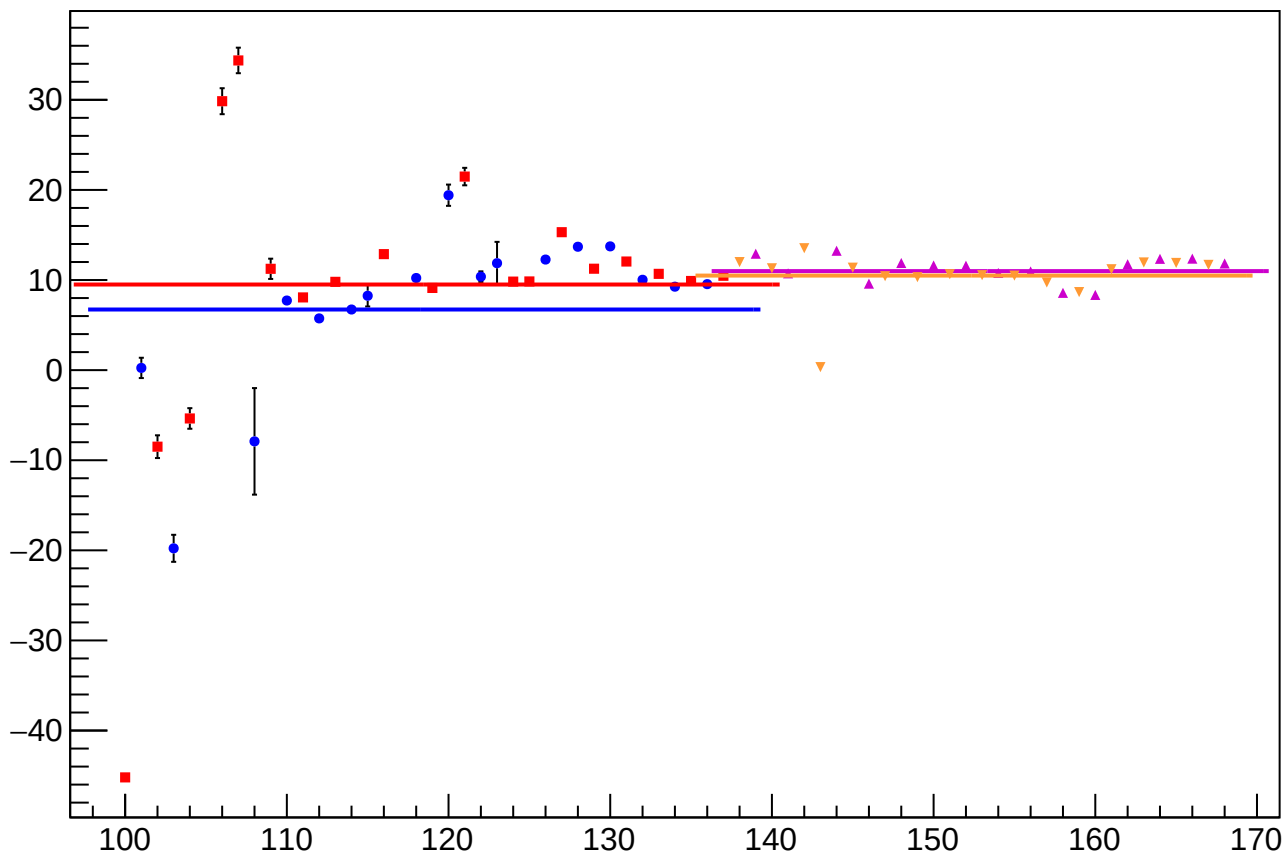
Left In: -21.216 $\pm$ 0.016 χ^2 /NDF: 134226.7/14

+ sign -48.945 $\pm$ 0.000 χ^2 /NDF: 11572061.6/32

All: -48.945 $\pm$ 0.000 χ^2 /NDF: 14893992.0/66

- sign -21.776 $\pm$ 0.016 χ^2 /NDF: 314696.0/33

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 10.494 ± 0.016 χ^2/NDF : 24604.6/15

Right Out: 9.502 ± 0.036 χ^2/NDF : 26822.1/18

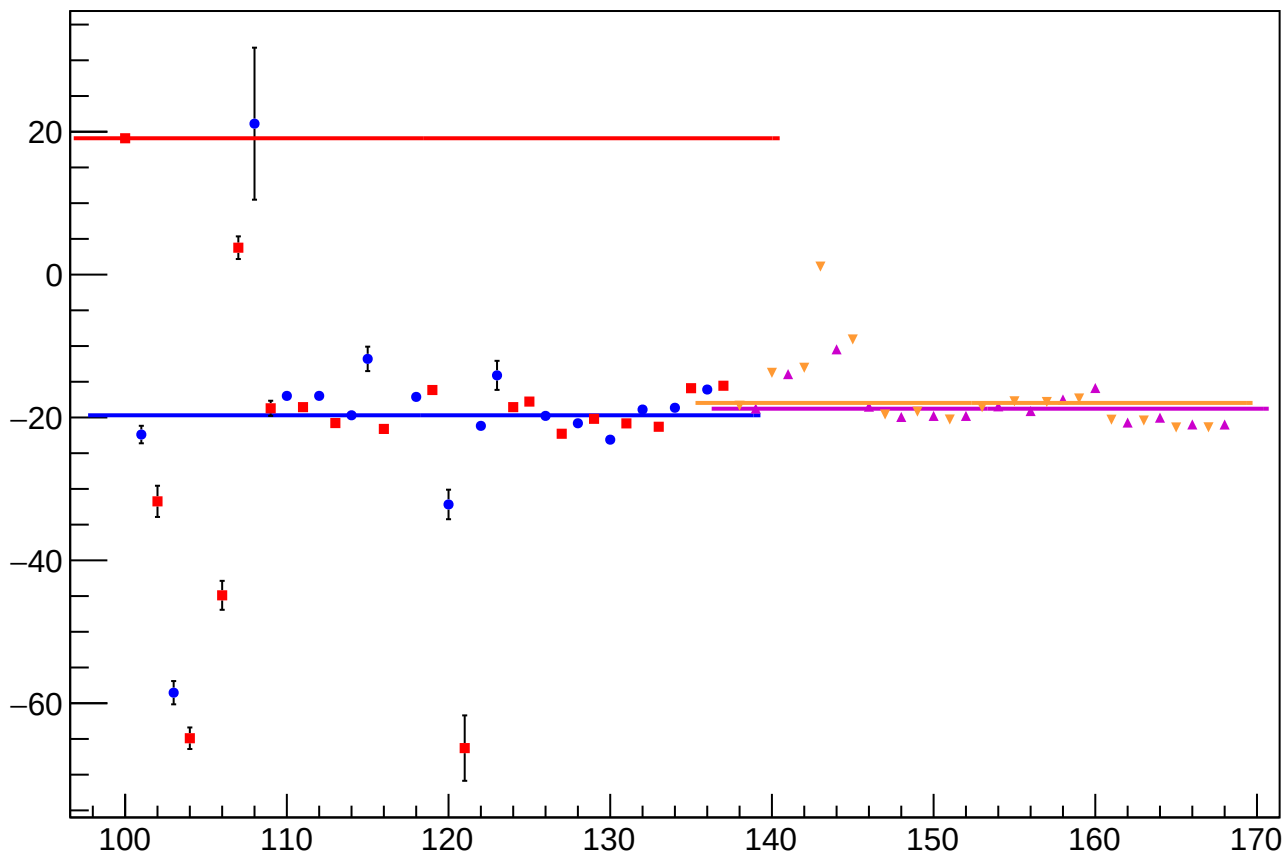
Left In: 10.991 ± 0.013 χ^2/NDF : 9633.0/14

+ sign 6.728 ± 0.000 χ^2/NDF : 93773.9/32

All: 6.728 ± 0.000 χ^2/NDF : 236199.0/66

- sign 10.804 ± 0.013 χ^2/NDF : 37982.9/33

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 $\chi^2/\text{NDF}: 7579.0/16$

Left Out: -17.963 ± 0.020 $\chi^2/\text{NDF}: 42948.1/15$

Right Out: 19.086 ± 0.000 $\chi^2/\text{NDF}: 610746.9/18$

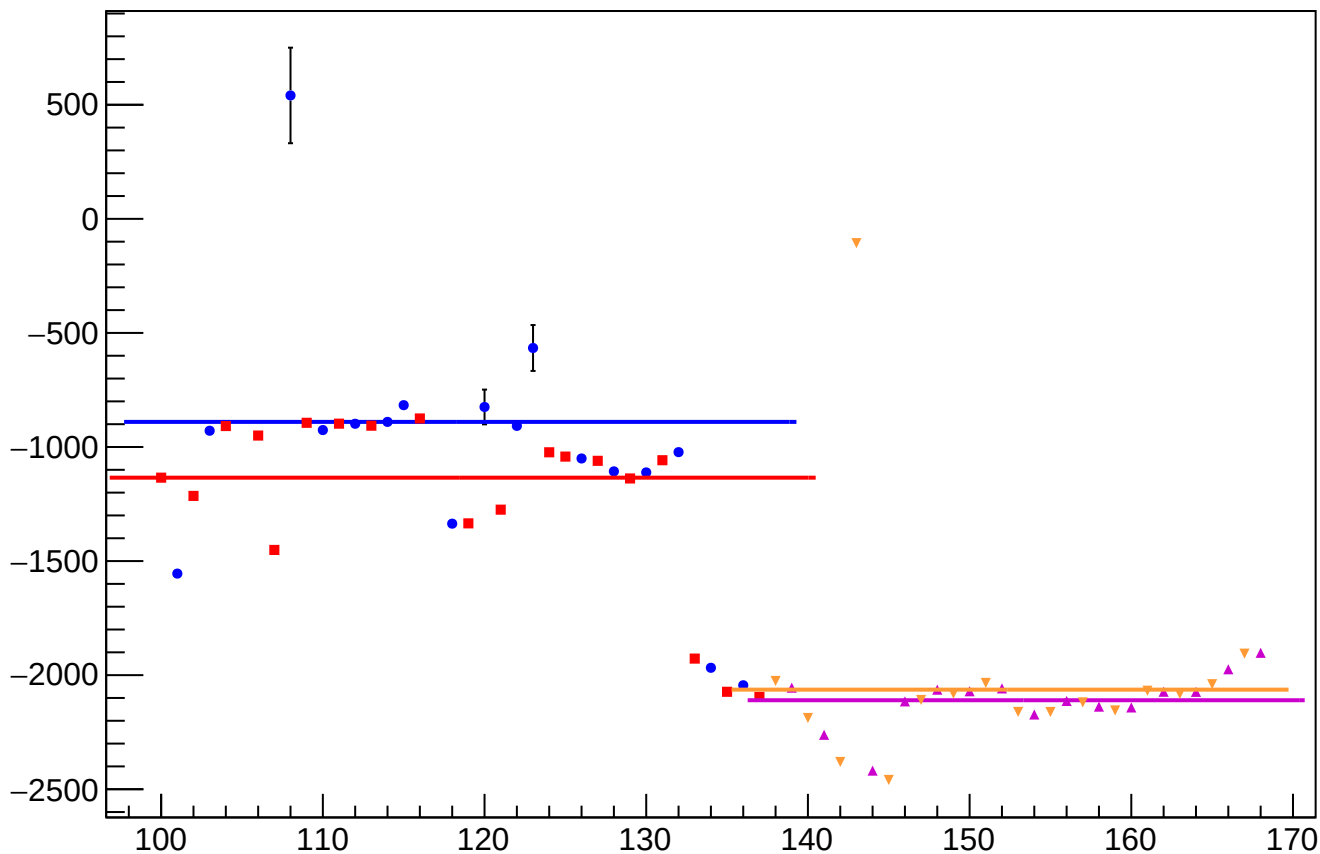
Left In: -18.773 ± 0.019 $\chi^2/\text{NDF}: 9880.9/14$

+ sign -19.693 ± 0.000 $\chi^2/\text{NDF}: 58396.3/32$

All: -6.006 ± 0.000 $\chi^2/\text{NDF}: 4625637731292$

- sign 19.086 ± 0.000 $\chi^2/\text{NDF}: 4716523.7/33$

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2063.504+/-0.439 χ^2/NDF : 291797.7/15

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

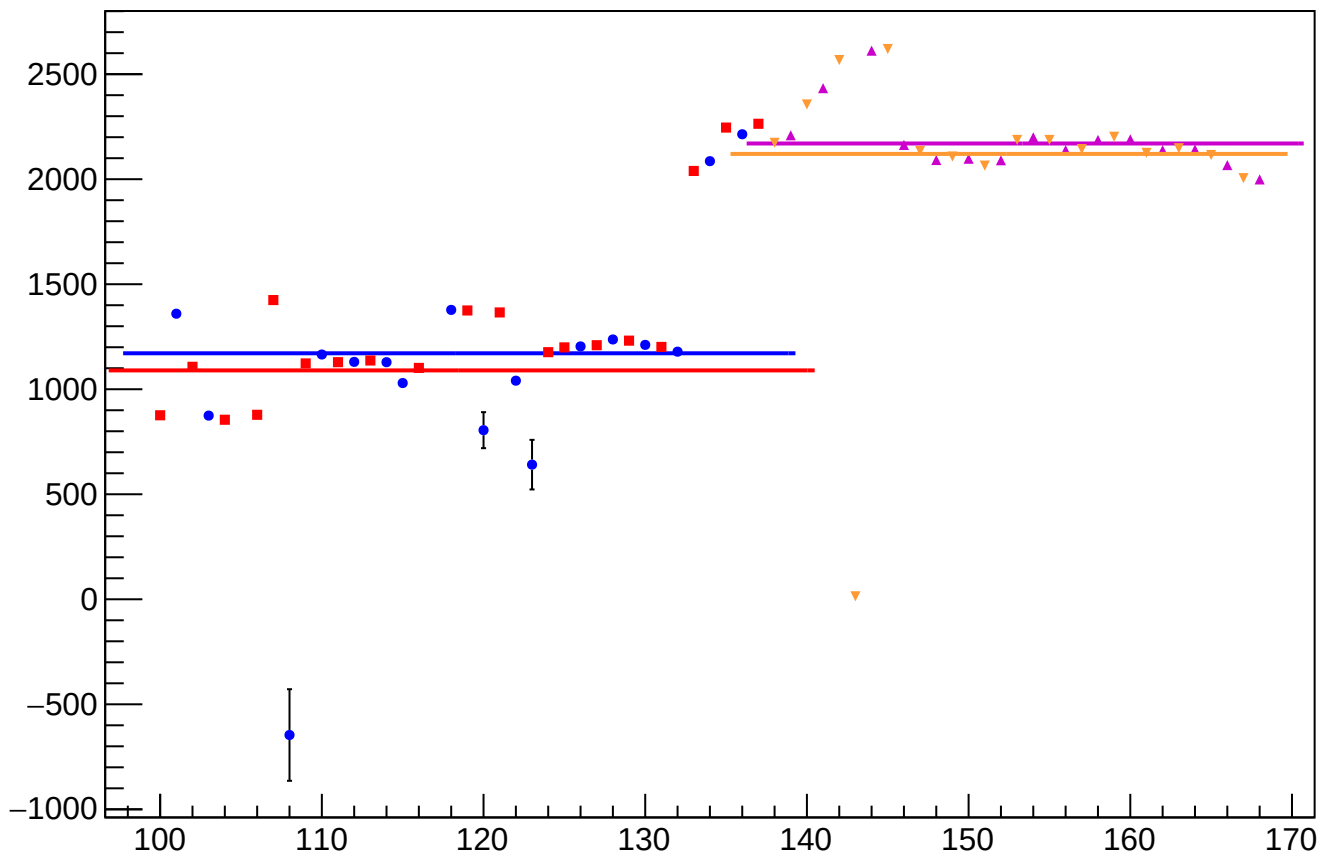
Left In: -2109.986+/-0.461 χ^2/NDF : 52911.9/14

+ sign -889.928+/-0.000 χ^2/NDF : 8208796.1/32

All: -976.220+/-0.000 χ^2/NDF : 44889787387

- sign -1134.421+/-0.000 χ^2/NDF : 5267206.4/33

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 ± 0.245 $\chi^2/NDF: 508989.2/16$

Left Out: 2120.373 ± 0.439 $\chi^2/NDF: 316149.4/15$

Right Out: 1089.705 ± 0.253 $\chi^2/NDF: 1100321.6/18$

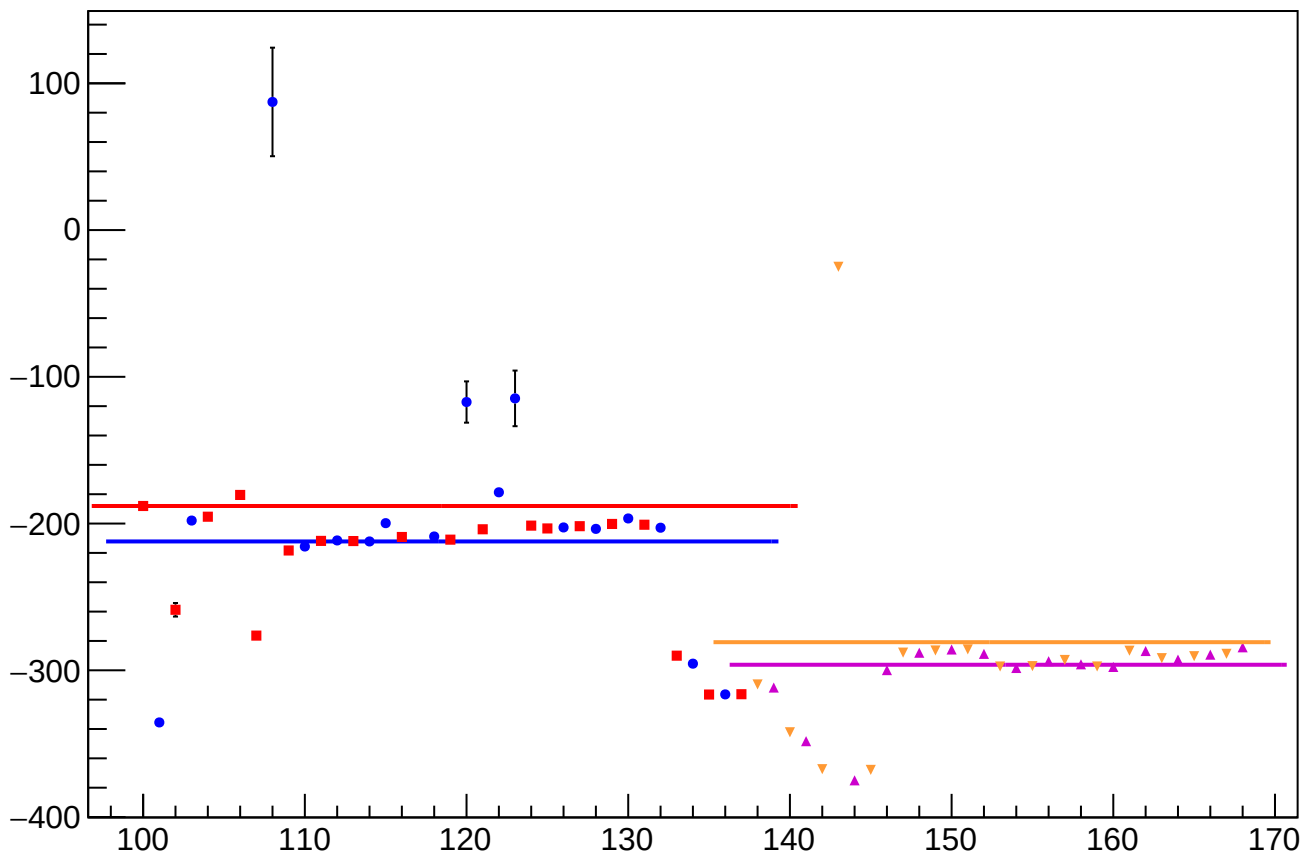
Left In: 2170.044 ± 0.463 $\chi^2/NDF: 69330.2/14$

+ sign 1397.520 ± 0.214 $\chi^2/NDF: 4393280.7/32$

All: 1369.442 ± 0.154 $\chi^2/NDF: 9794680.6/60$

- sign 1339.190 ± 0.222 $\chi^2/NDF: 5365680.8/33$

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -280.839 ± 0.026 $\chi^2/\text{NDF}: 5765158.9/15$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

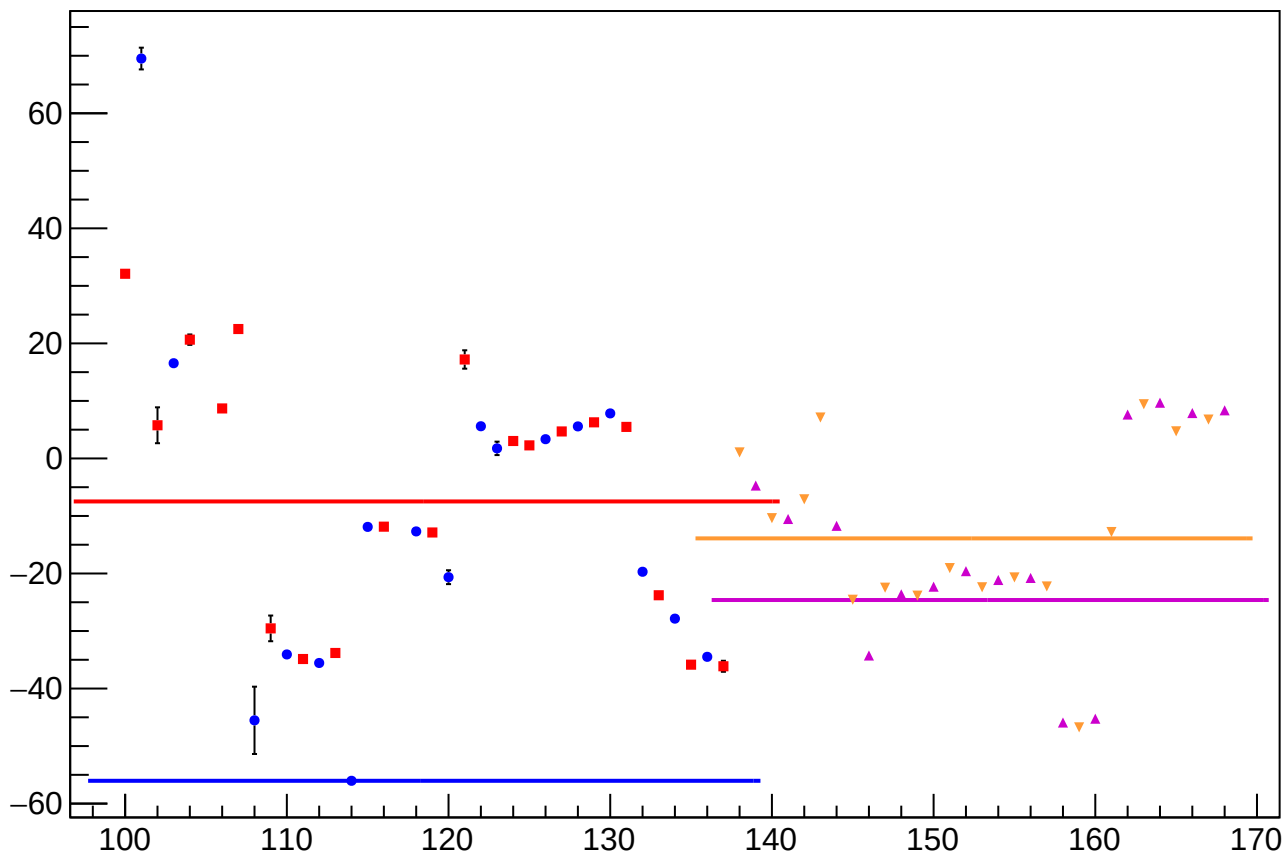
Left In: -296.224 ± 0.025 $\chi^2/\text{NDF}: 301124.4/14$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 14052532.6/32$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

- sign -188.033 ± 0.000 $\chi^2/\text{NDF}: 18955436.5/33$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 $\chi^2/\text{NDF}: 1585420.7/16$

Left Out: -13.897 ± 0.022 $\chi^2/\text{NDF}: 759951.9/15$

Right Out: -7.476 ± 0.042 $\chi^2/\text{NDF}: 173893.8/18$

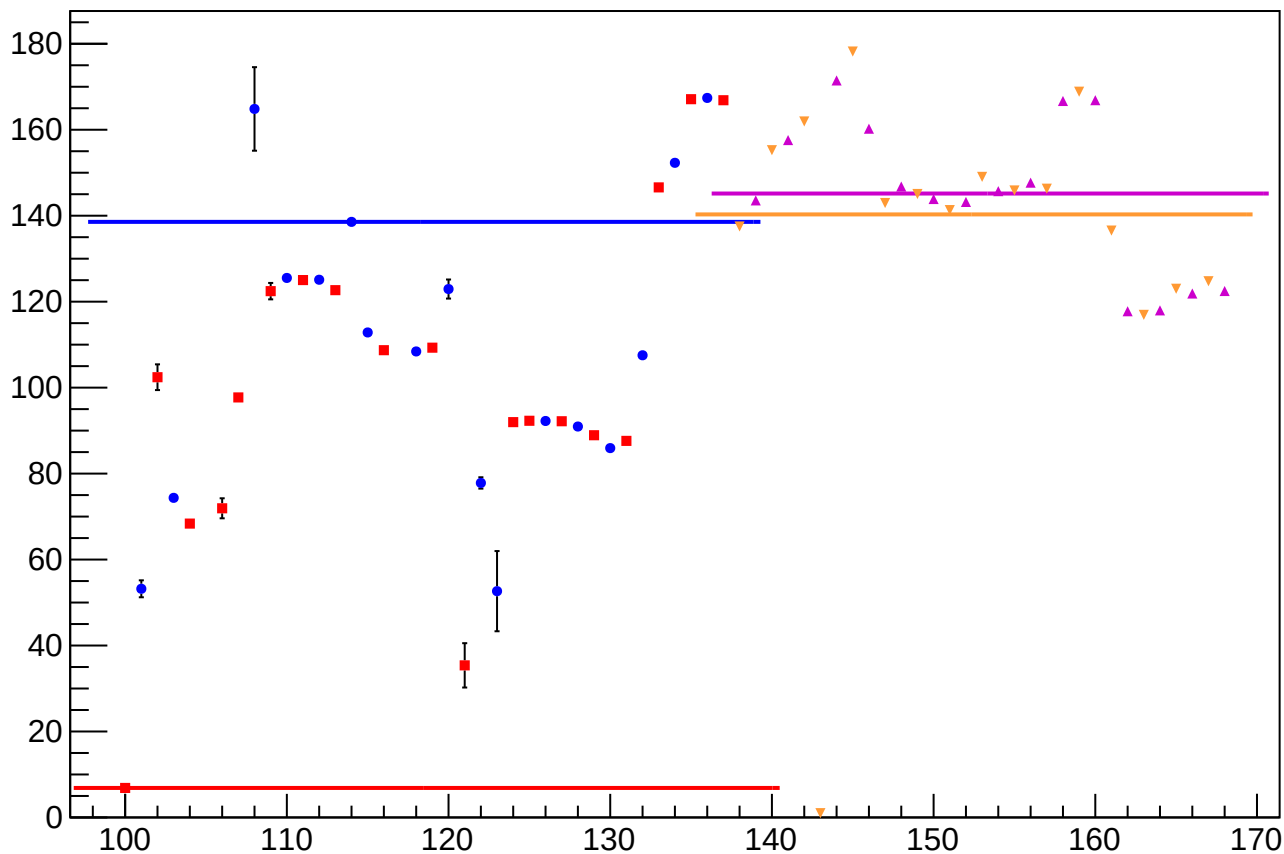
Left In: -24.610 ± 0.023 $\chi^2/\text{NDF}: 625954.0/14$

+ sign -56.037 ± 0.000 $\chi^2/\text{NDF}: 5858504.1/32$

All: -56.037 ± 0.000 $\chi^2/\text{NDF}: 9787314.6/66$

- sign -20.577 ± 0.020 $\chi^2/\text{NDF}: 926016.9/33$

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 140.300 $\pm$ 0.031 χ^2 /NDF: 497636.3/15

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

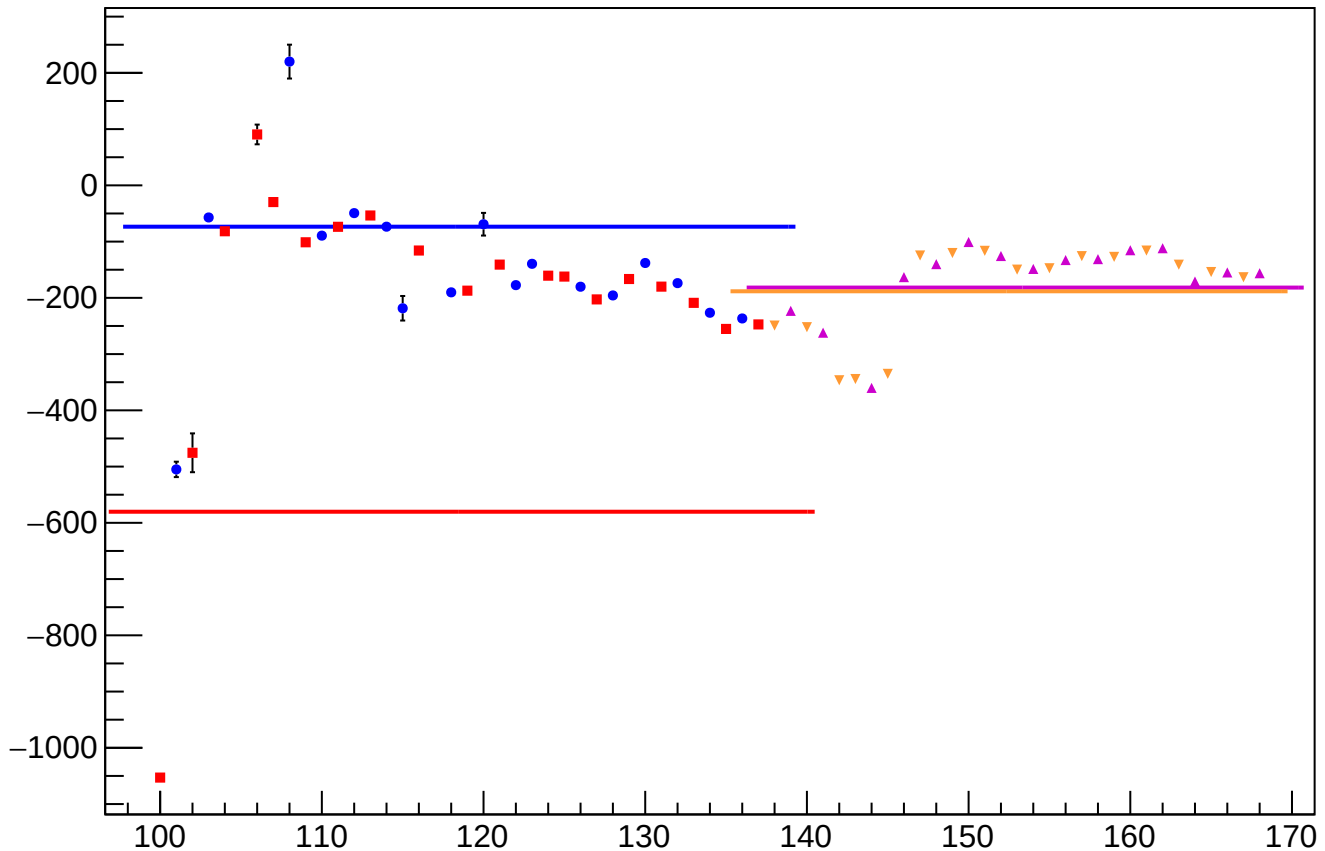
Left In: 145.159 $\pm$ 0.032 χ^2 /NDF: 226993.1/14

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 1401975.7/32

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

- sign 6.866 $\pm$ 0.000 χ^2 /NDF: 27401158.7/33

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -188.344 ± 0.296 $\chi^2/\text{NDF}: 66187.7/15$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

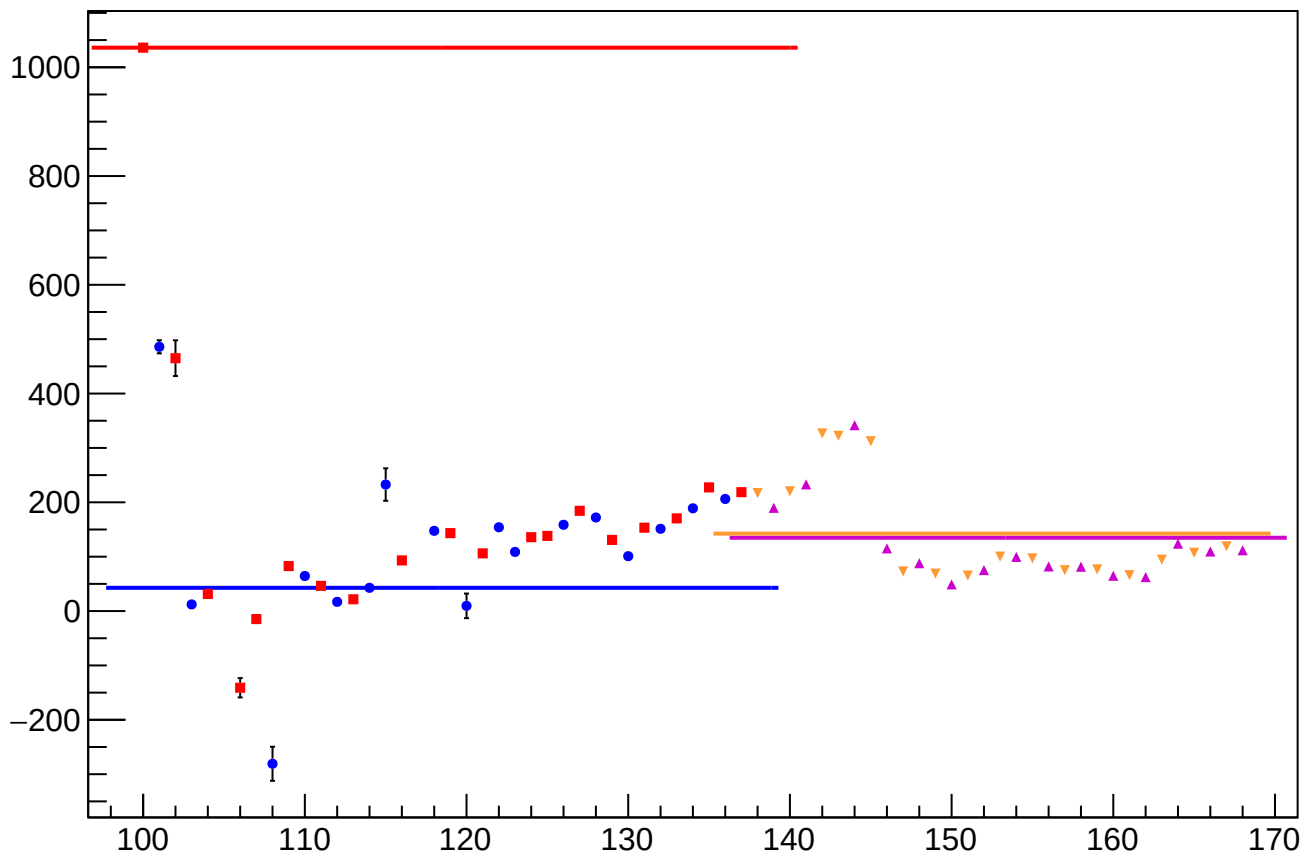
Left In: -181.748 ± 0.319 $\chi^2/\text{NDF}: 61195.1/14$

+ sign -73.485 ± 0.000 $\chi^2/\text{NDF}: 315816.4/32$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 7295298.2/66$

- sign -420.743 ± 0.202 $\chi^2/\text{NDF}: 4026424.9/33$

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 142.453+/-0.300 χ^2/NDF : 80692.0/15

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

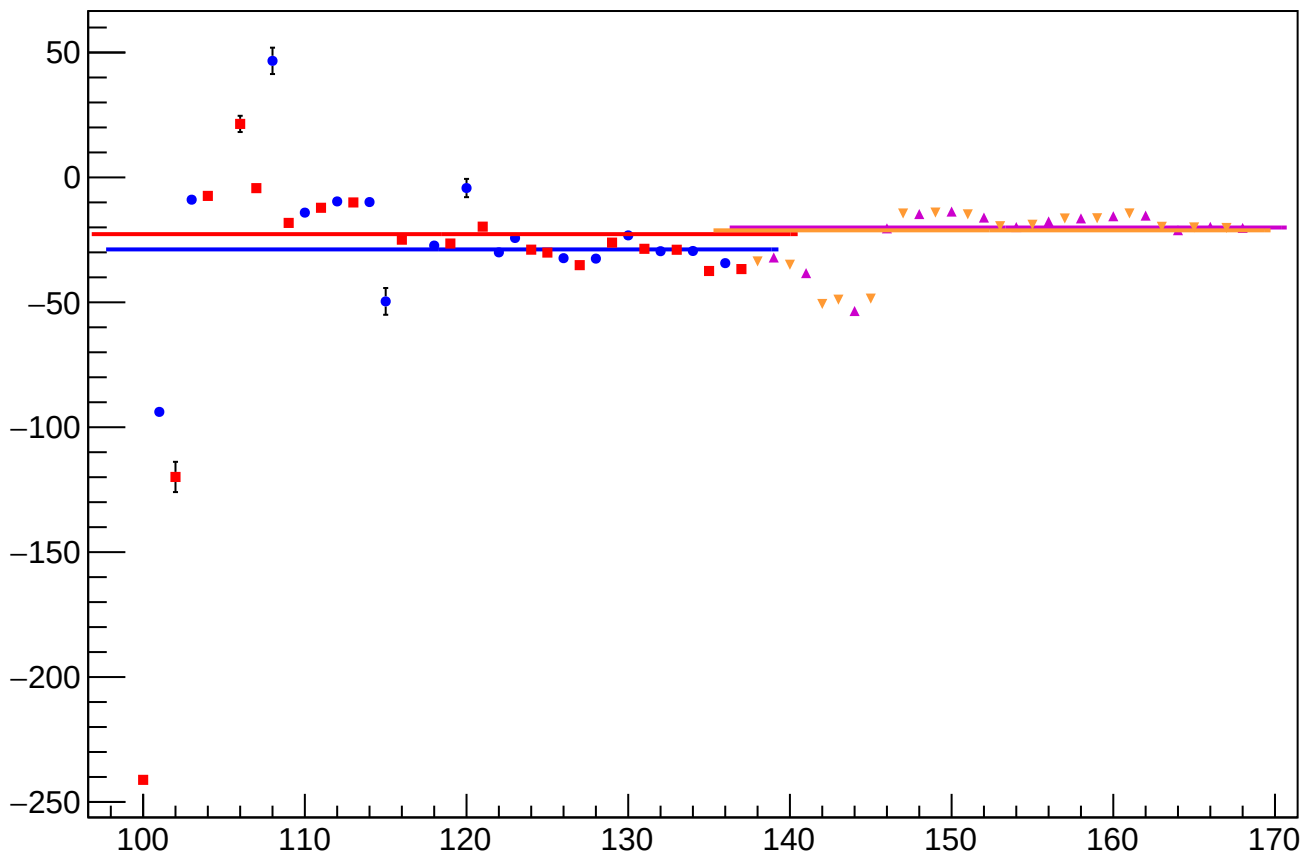
Left In: 134.834+/-0.326 χ^2/NDF : 70593.7/14

+ sign 42.743+/-0.000 χ^2/NDF : 275696.4/32

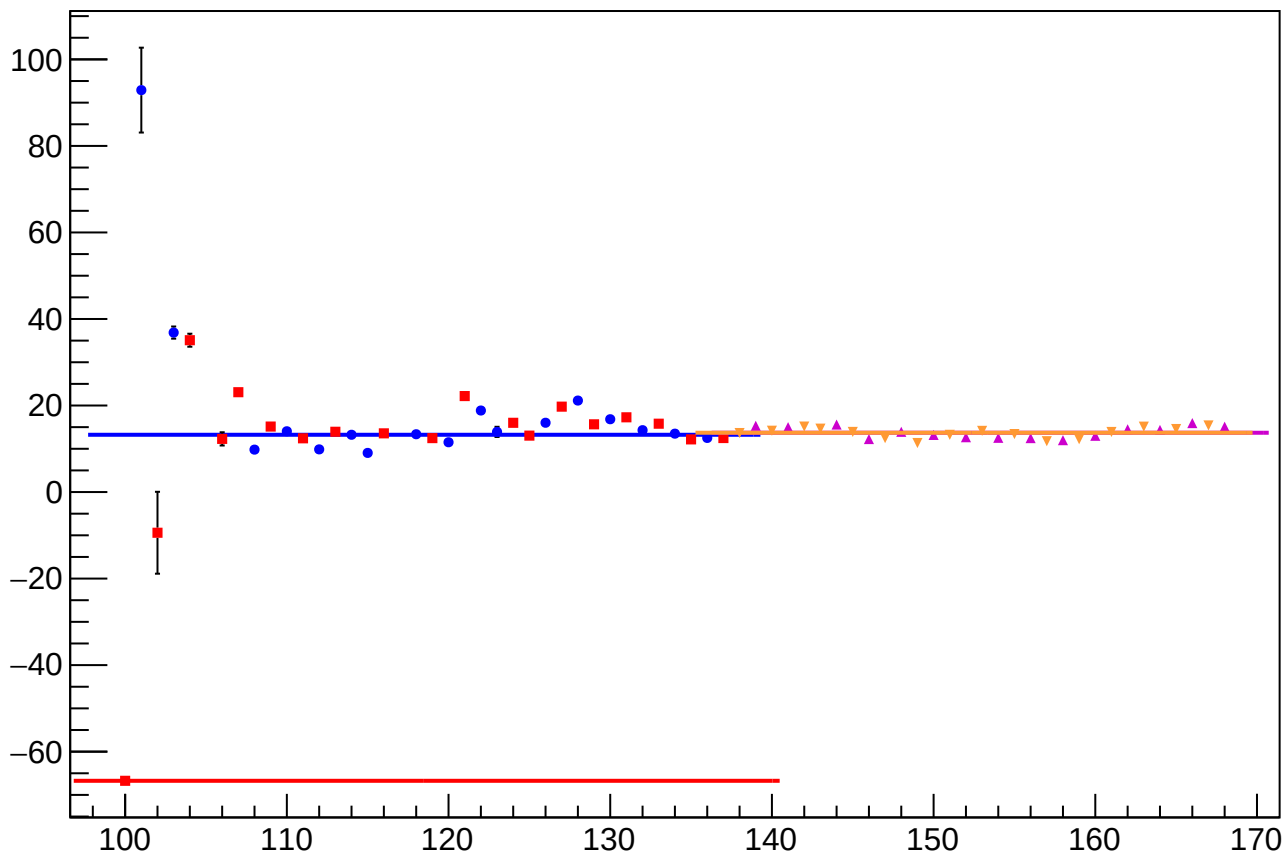
All: 43.272+/-0.000 χ^2/NDF : 1144517497260

- sign 1036.068+/-0.000 χ^2/NDF : 12635060.6/33

dit_atr1_11X12X_slope vs Slug



dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 5756.1/16

Left Out: 13.710 $\pm$ 0.014 χ^2 /NDF: 6563.8/15

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3023648.4/18

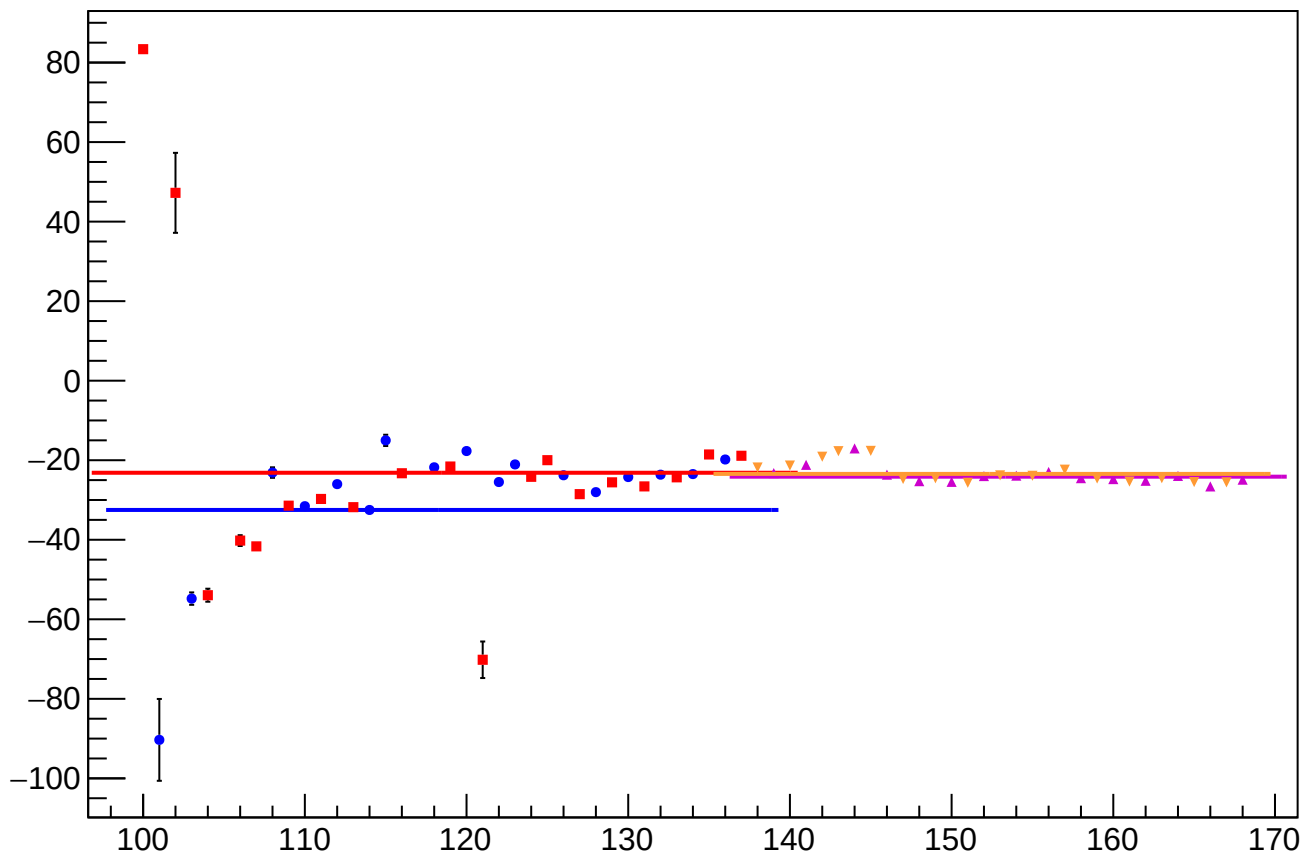
Left In: 13.705 $\pm$ 0.015 χ^2 /NDF: 6536.7/14

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 13411.1/32

All: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651

- sign -66.739 $\pm$ 0.000 χ^2 /NDF: 31438664.3/33

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -23.441 ± 0.020 χ^2/NDF : 13409.2/15

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

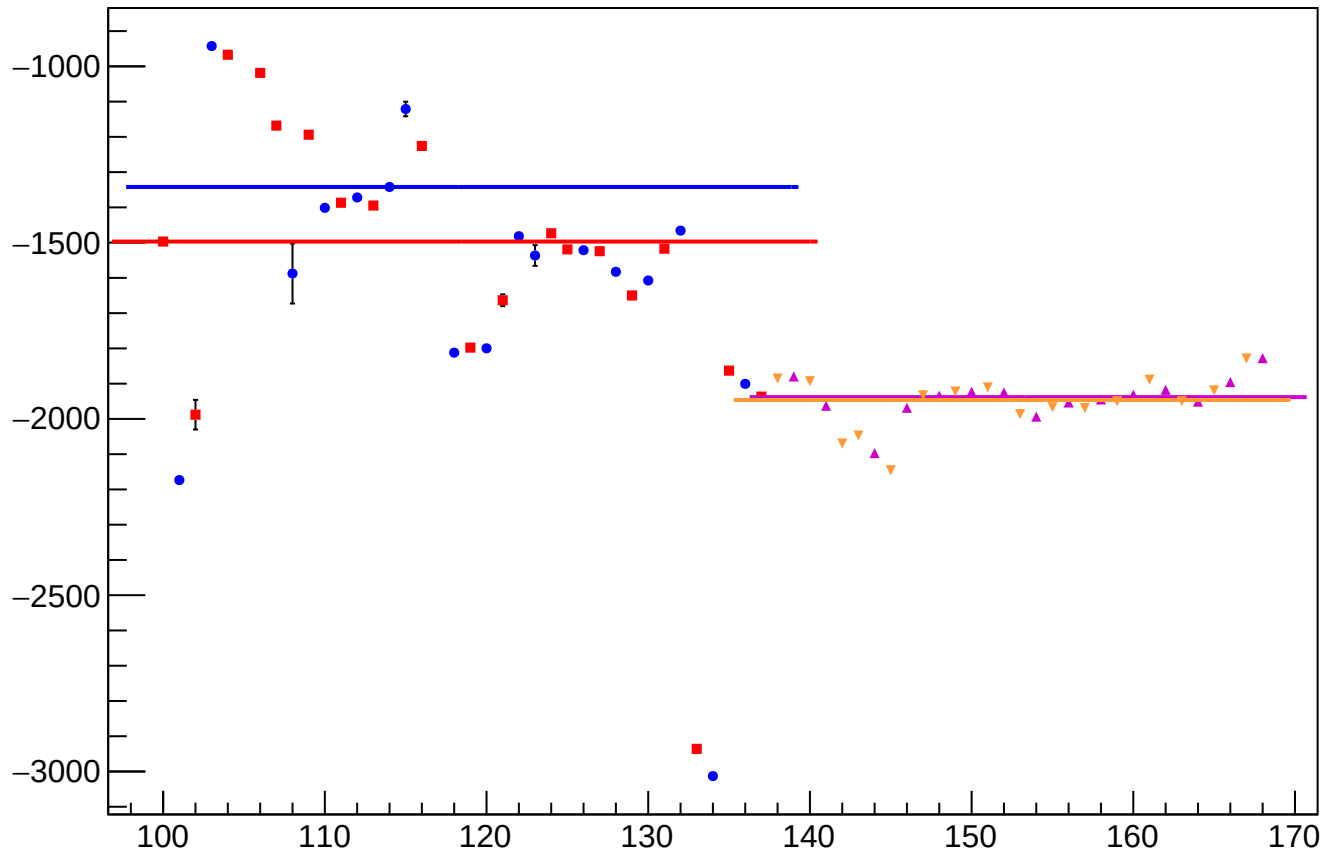
Left In: -24.137 ± 0.019 χ^2/NDF : 6613.1/14

+ sign -32.504 ± 0.000 χ^2/NDF : 283583.8/32

All: -32.504 ± 0.000 χ^2/NDF : 621214.8/66

- sign -24.006 ± 0.017 χ^2/NDF : 97734.4/33

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 ± 0.000 χ^2/NDF : 370901.4/16

Left Out: -1946.236 ± 0.404 χ^2/NDF : 21013.4/15

Right Out: -1496.932 ± 0.000 χ^2/NDF : 504712.5/18

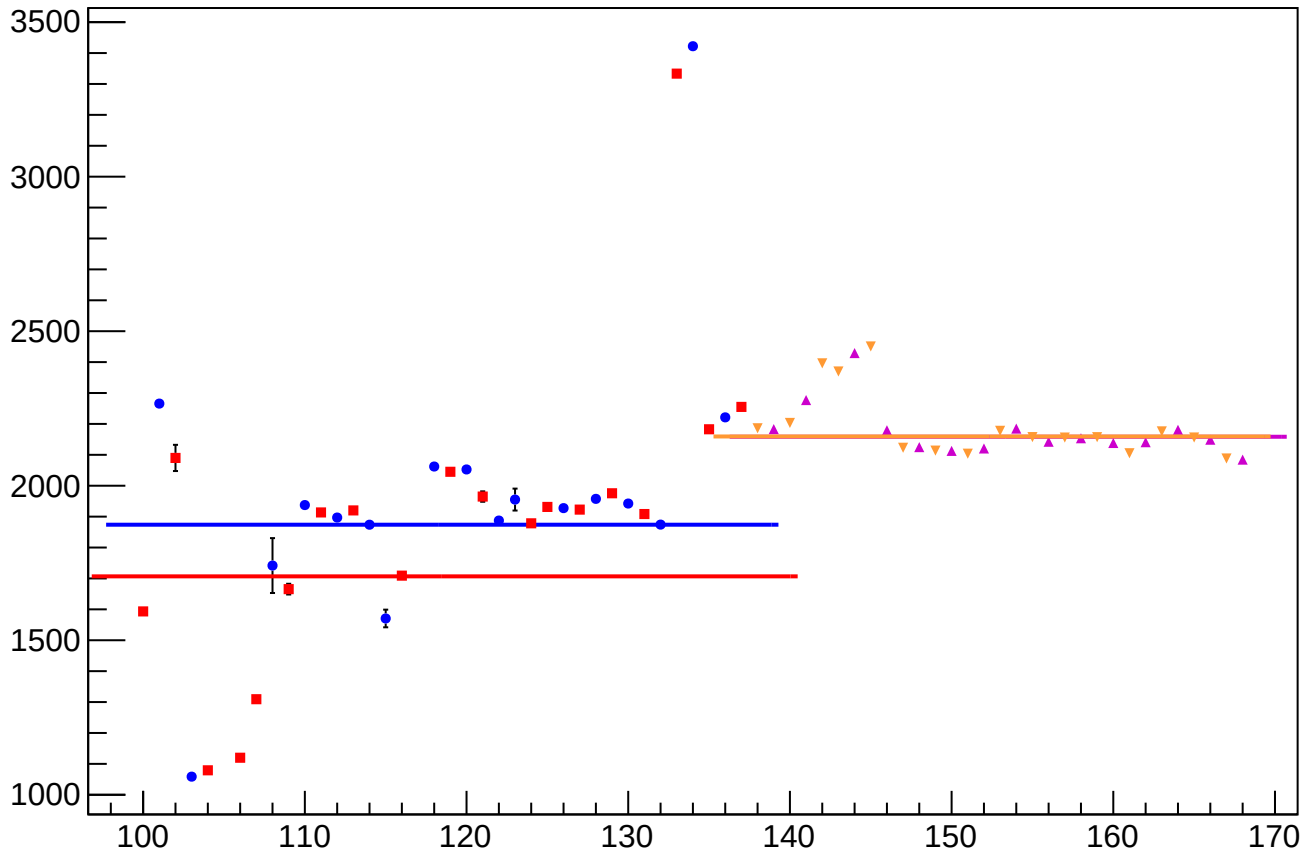
Left In: -1938.181 ± 0.335 χ^2/NDF : 20759.6/14

+ sign -1342.107 ± 0.000 χ^2/NDF : 2625361.4/32

All: -1396.751 ± 0.000 χ^2/NDF : 1800086126

- sign -1496.932 ± 0.000 χ^2/NDF : 2257555.3/33

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 201563.9/16

Left Out: 2159.368+/-0.409 χ^2/NDF : 29898.3/15

Right Out: 1706.739+/-0.302 χ^2/NDF : 837936.9/18

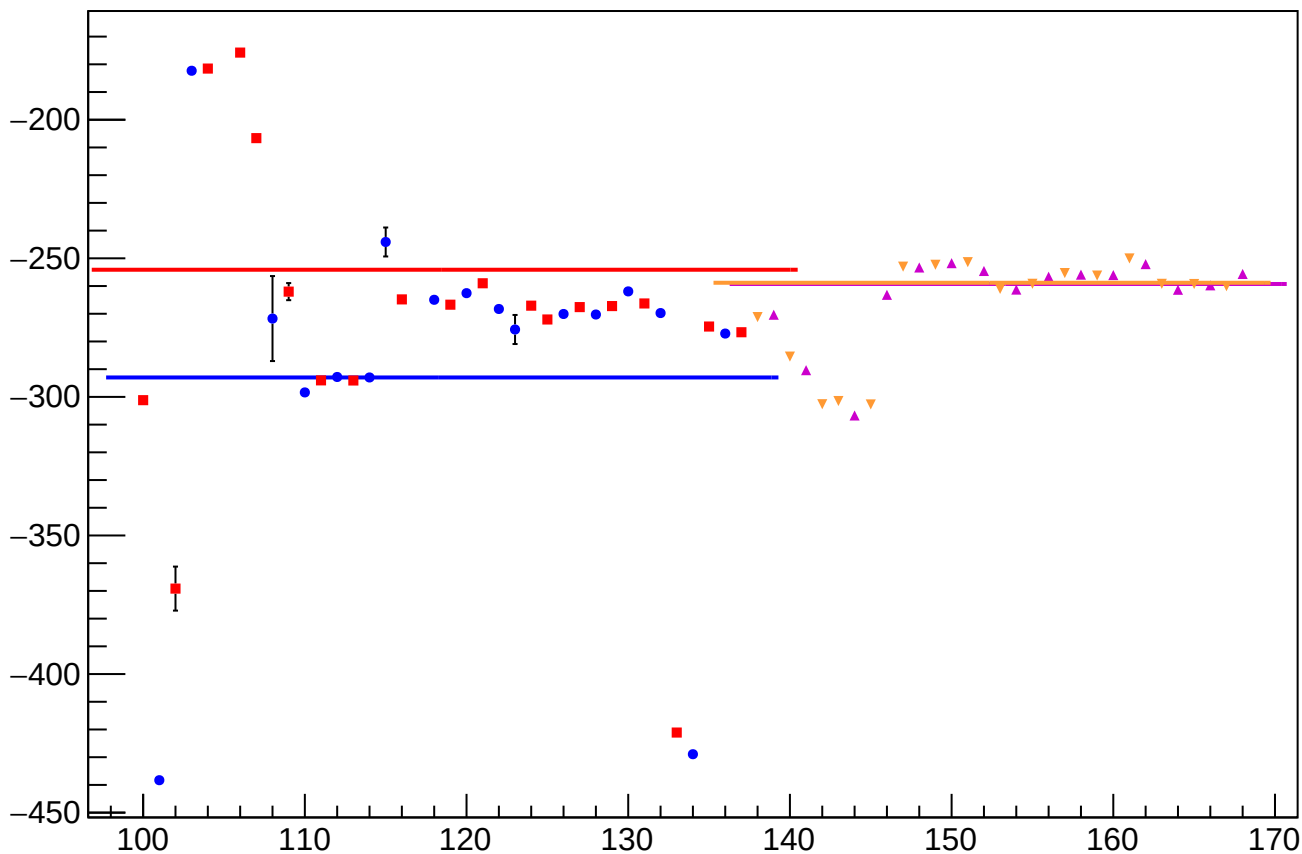
Left In: 2158.460+/-0.336 χ^2/NDF : 38632.8/14

+ sign 1873.852+/-0.000 χ^2/NDF : 719830.6/32

All: 1873.852+/-0.000 χ^2/NDF : 2620604.0/60

- sign 1909.088+/-0.225 χ^2/NDF : 1876177.8/33

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF : 1015592.4/16

Left Out: -258.817+/-0.023 χ^2/NDF : 204973.7/15

Right Out: -254.119+/-0.059 χ^2/NDF : 502658.5/18

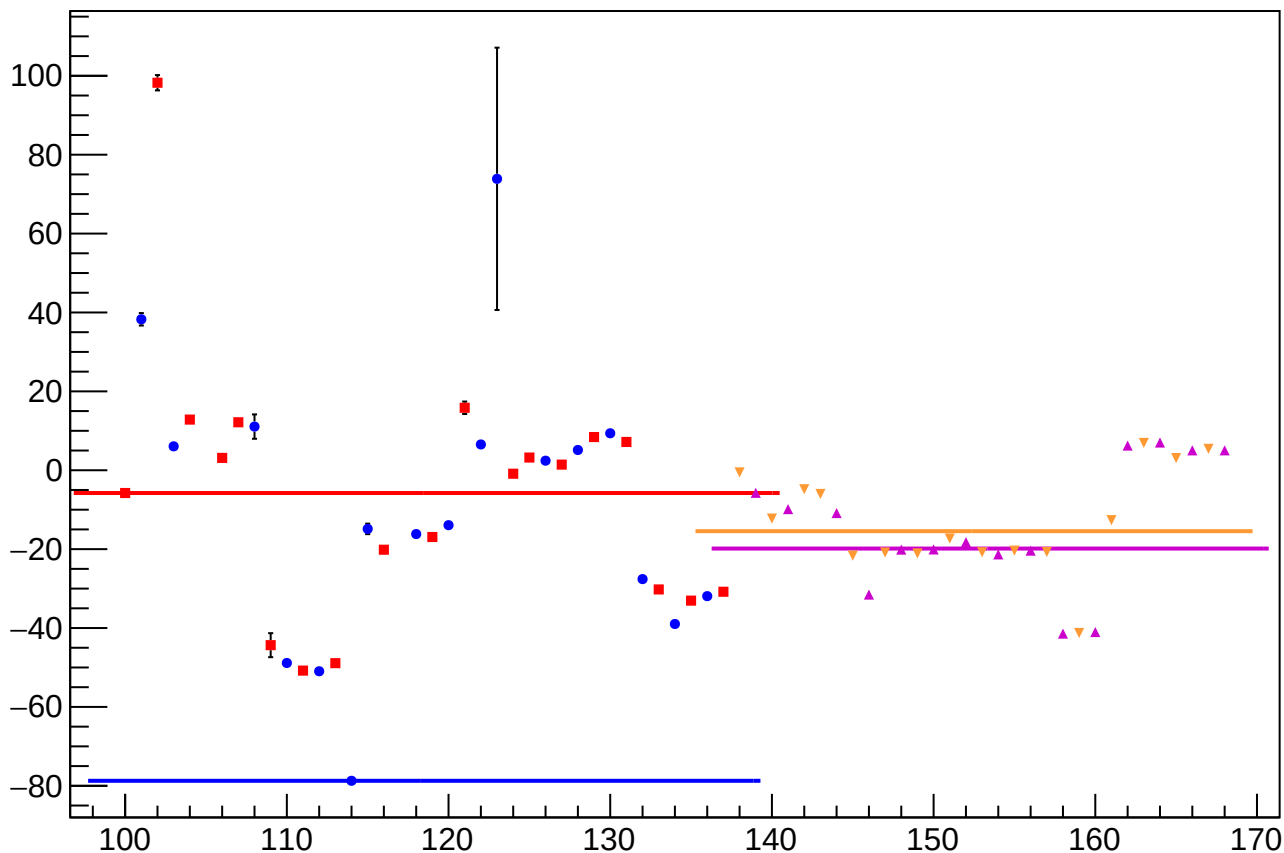
Left In: -259.259+/-0.020 χ^2/NDF : 249392.2/14

+ sign -292.986+/-0.000 χ^2/NDF : 3426459.9/32

All: -292.986+/-0.000 χ^2/NDF : 7591508.8/66

- sign -258.750+/-0.019 χ^2/NDF : 758889.9/33

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 χ^2/NDF : 1399088.3/16

Left Out: -15.442 ± 0.022 χ^2/NDF : 555775.0/15

Right Out: -5.769 ± 0.000 χ^2/NDF : 111570.1/18

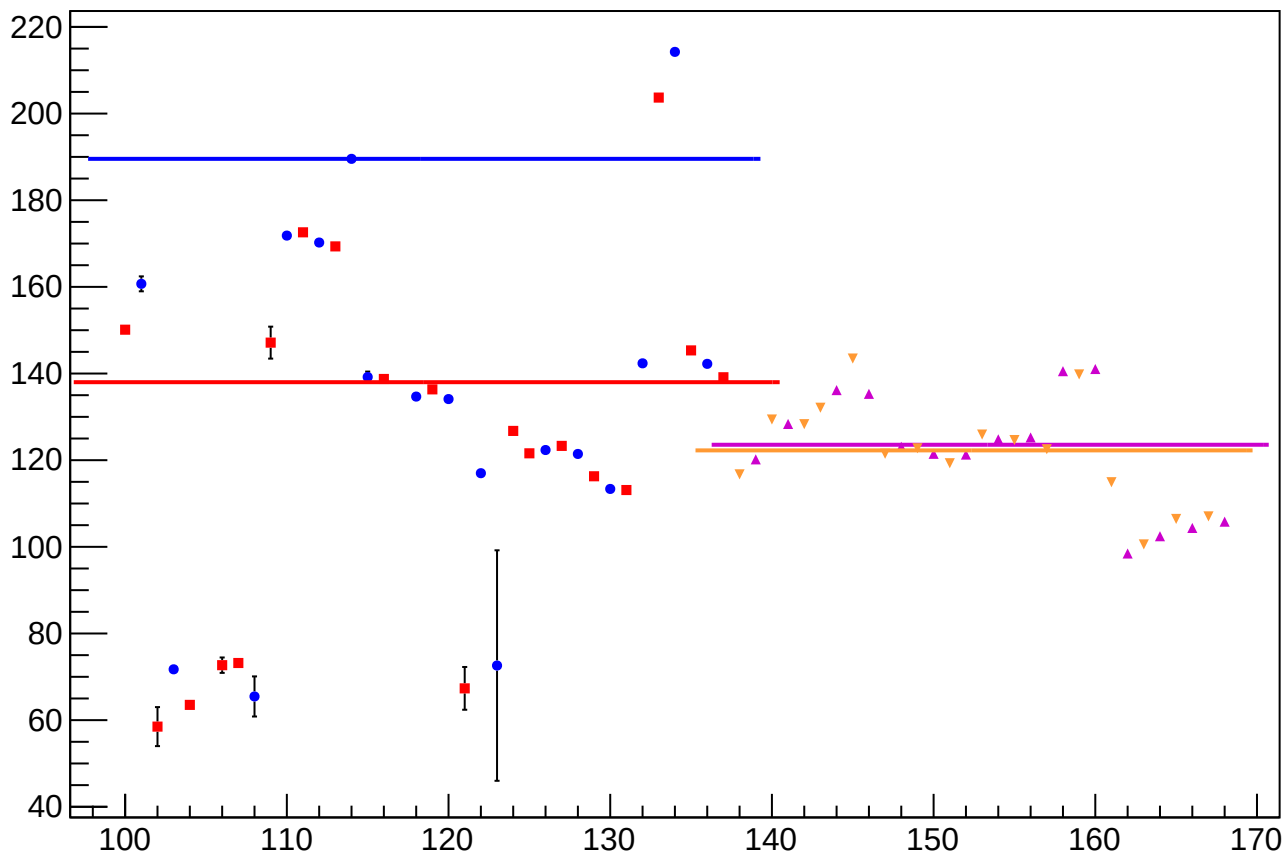
Left In: -19.851 ± 0.019 χ^2/NDF : 693407.2/14

+ sign -78.728 ± 0.000 χ^2/NDF : 10185867.0/32

All: -6.288 ± 0.000 χ^2/NDF : 2878797679293

- sign -5.769 ± 0.000 χ^2/NDF : 1361683.5/33

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 927391.8/16

Left Out: 122.261 $\pm$ 0.027 χ^2 /NDF: 141005.7/15

Right Out: 138.002 $\pm$ 0.059 χ^2 /NDF: 117357.8/18

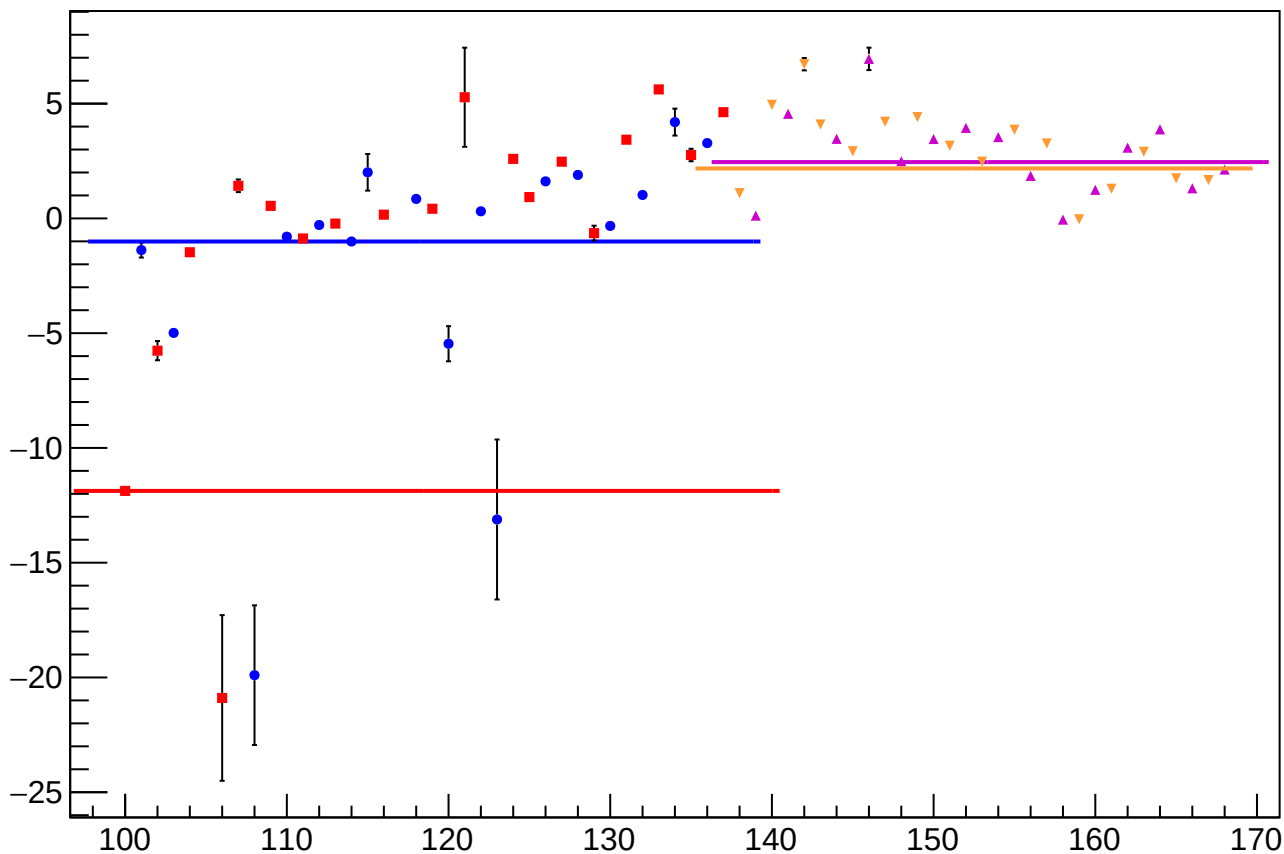
Left In: 123.560 $\pm$ 0.028 χ^2 /NDF: 194038.2/14

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 7114503.5/32

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 13882473.5/60

- sign 126.157 $\pm$ 0.025 χ^2 /NDF: 360429.4/33

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 2.176 ± 0.021 χ^2/NDF : 5180.3/15

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

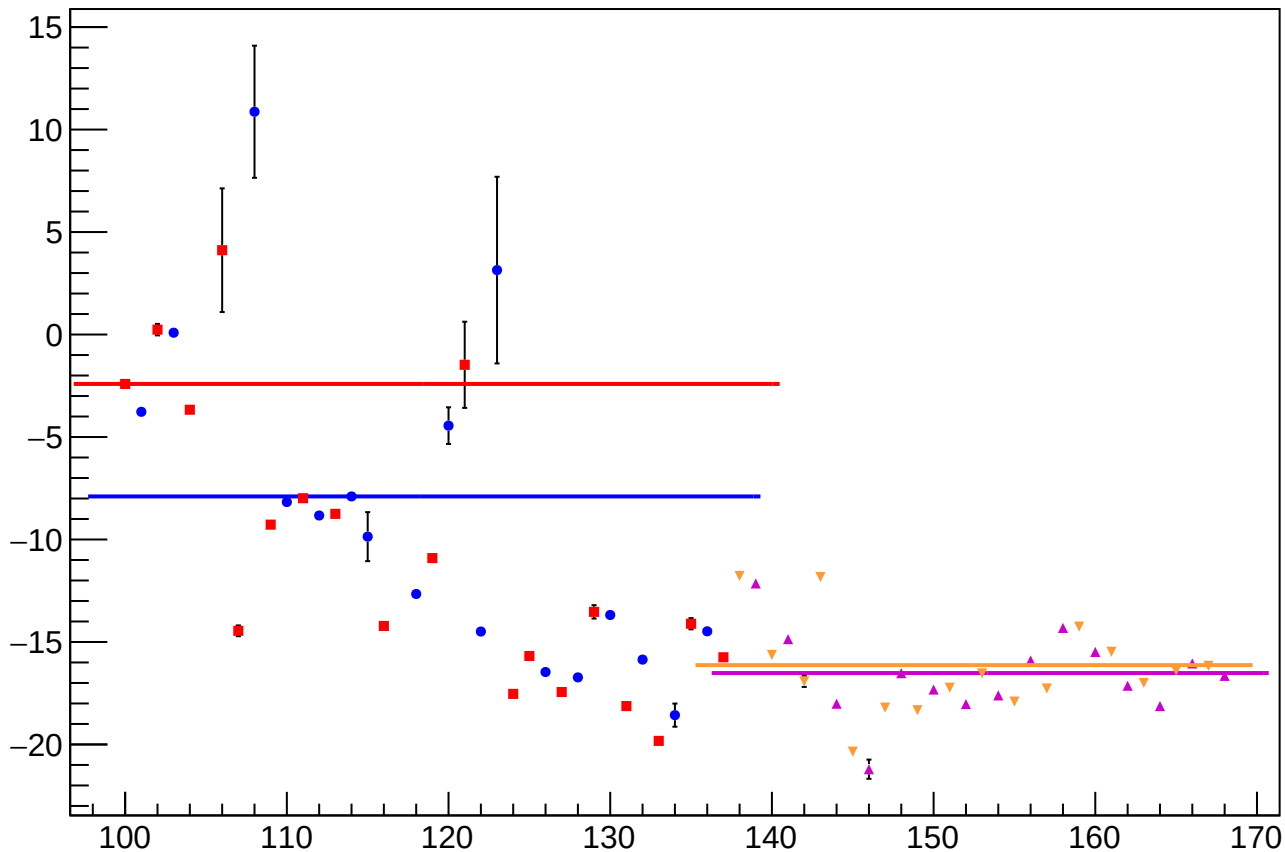
Left In: 2.454 ± 0.018 χ^2/NDF : 6453.4/14

+ sign -1.007 ± 0.000 χ^2/NDF : 35060.4/32

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 1155879.8/33

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.130 ± 0.021 χ^2/NDF : 6086.6/15

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

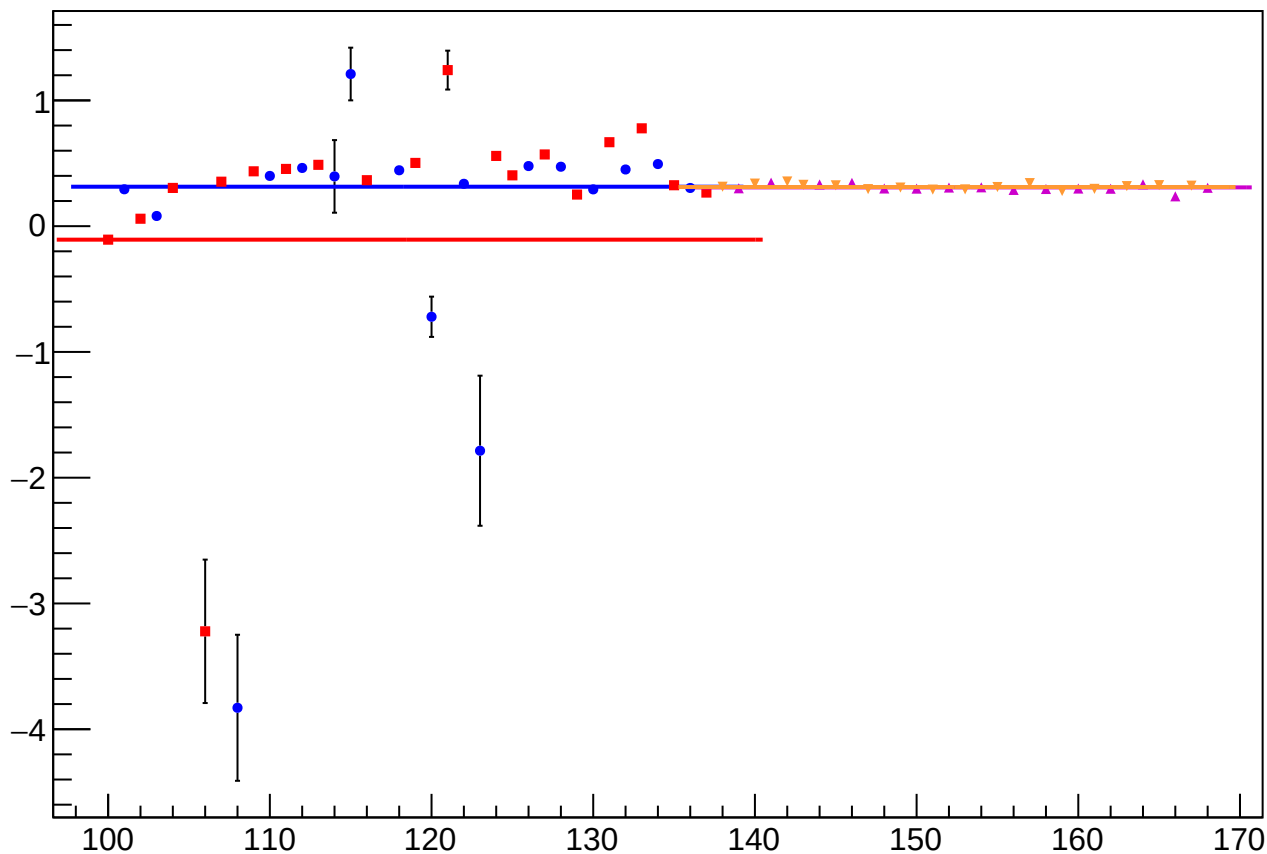
Left In: -16.516 ± 0.019 χ^2/NDF : 5366.3/14

+ sign -7.899 ± 0.000 χ^2/NDF : 203860.2/32

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 788831.3/33

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.311 ± 0.000 χ^2/NDF : 4016.5/15

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

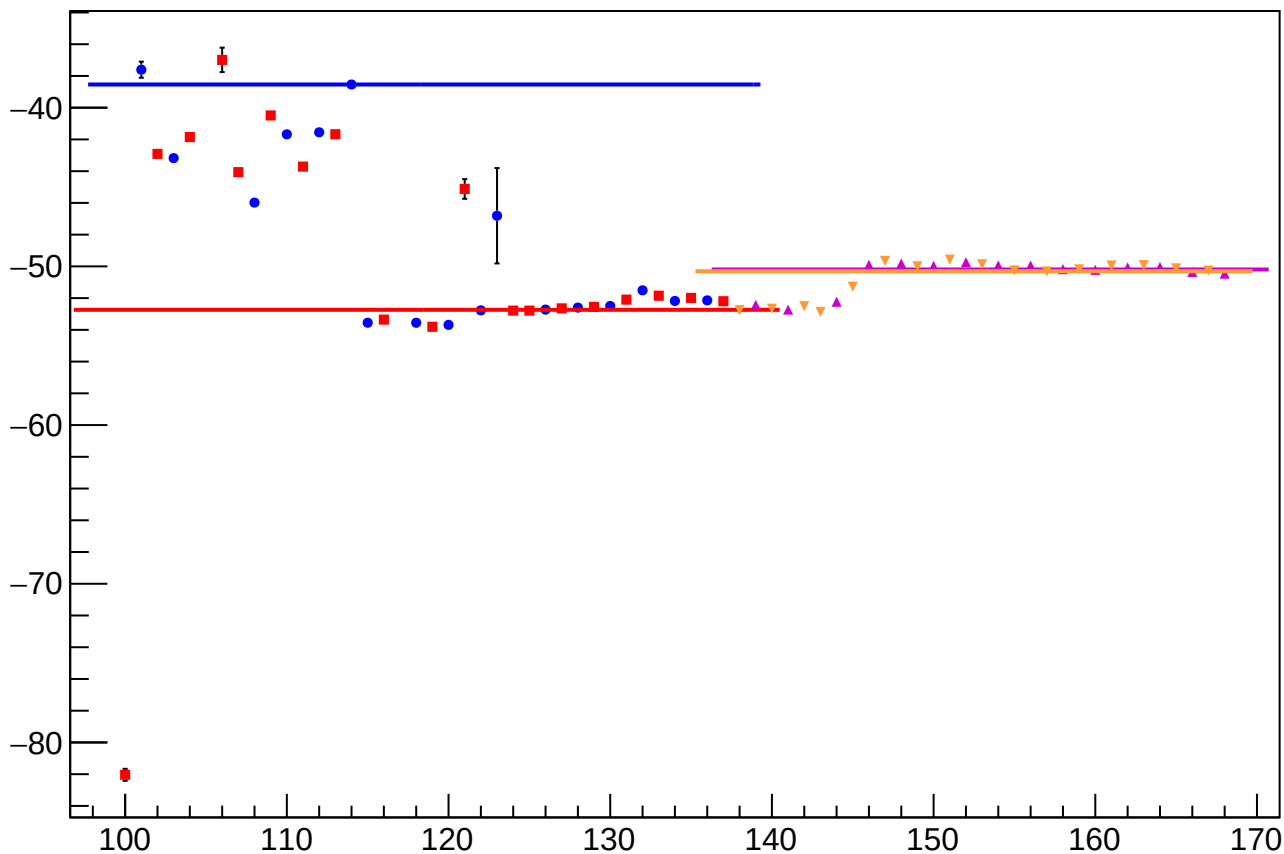
Left In: 0.308 ± 0.000 χ^2/NDF : 2658.0/14

+ sign 0.311 ± 0.000 χ^2/NDF : 6770.9/32

All: -0.107 ± 0.000 χ^2/NDF : 4983122.8/66

- sign -0.107 ± 0.000 χ^2/NDF : 2418798.2/33

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 14950854.6/16

Left Out: -50.307 ± 0.002 χ^2/NDF : 251248.8/15

Right Out: -52.737 ± 0.002 χ^2/NDF : 87430.2/18

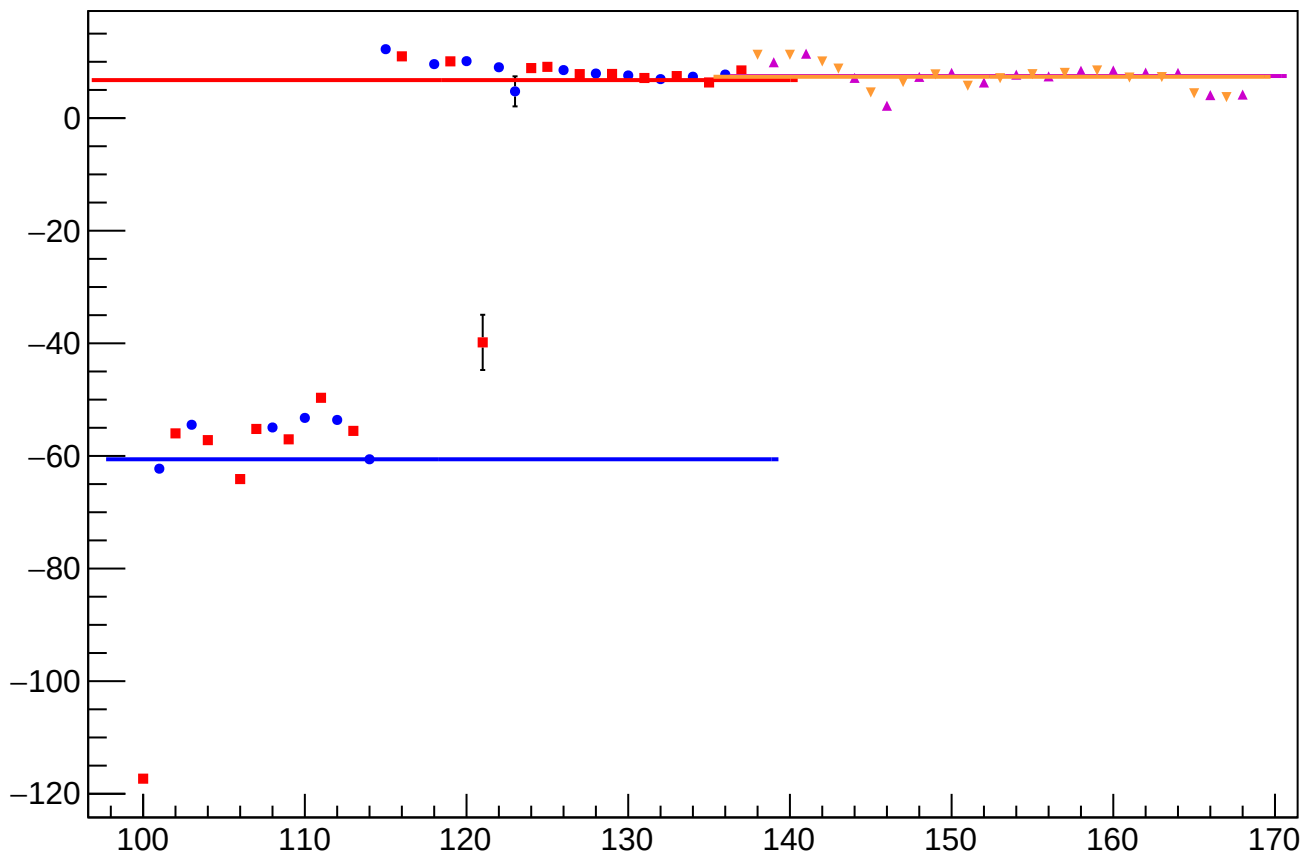
Left In: -50.195 ± 0.001 χ^2/NDF : 160612.6/14

+ sign -38.539 ± 0.000 χ^2/NDF : 59715346.6/32

All: -38.539 ± 0.000 χ^2/NDF : 185338768.9/6

- sign -51.111 ± 0.001 χ^2/NDF : 1418026.0/33

dit_sam1_4eY_slope vs Slug



Right In: -60.594 $\pm$ 0.000 χ^2 /NDF: 26122838.1/16

Left Out: 7.342 $\pm$ 0.004 χ^2 /NDF: 188645.0/15

Right Out: 6.748 $\pm$ 0.011 χ^2 /NDF: 1266598.3/18

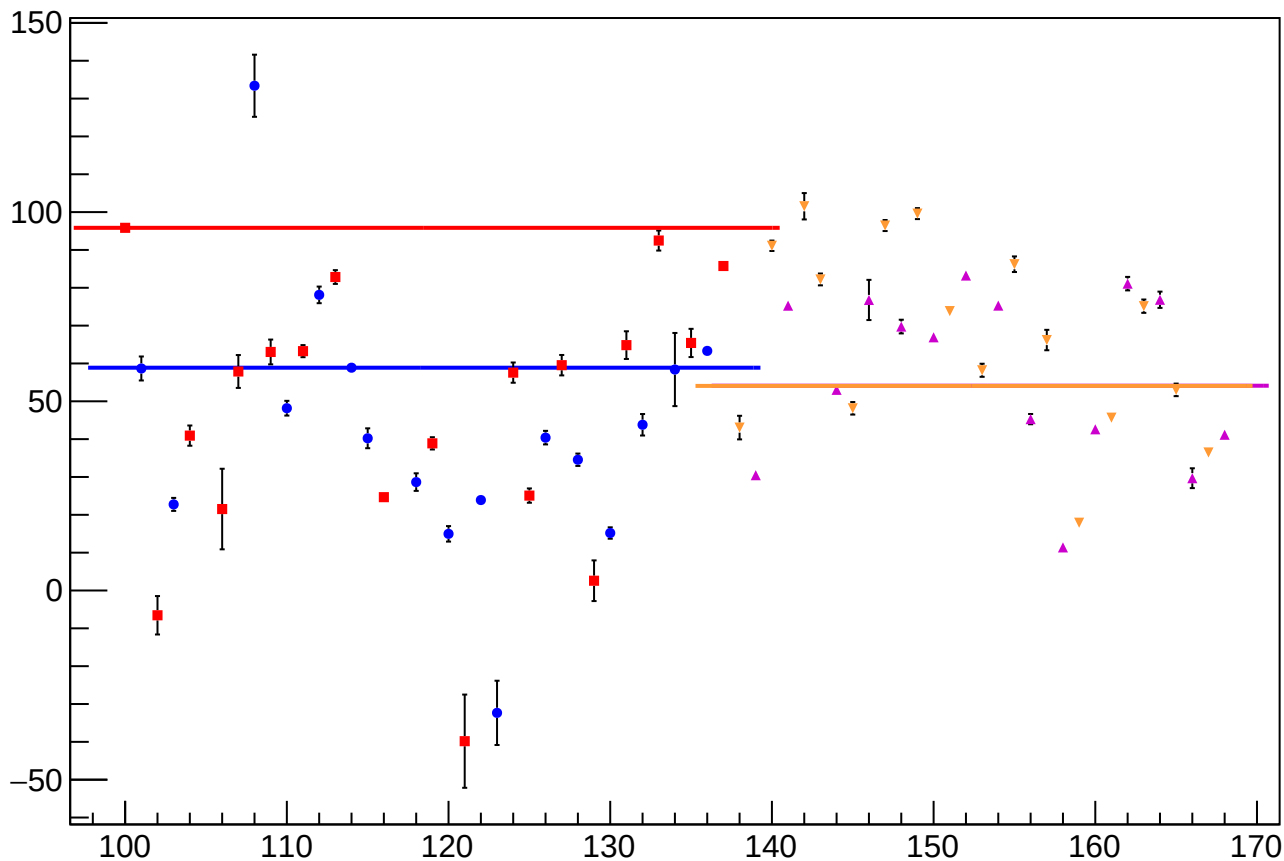
Left In: 7.472 $\pm$ 0.004 χ^2 /NDF: 130810.5/14

+ sign -60.594 $\pm$ 0.000 χ^2 /NDF: 283690247.2/32

All: -60.594 $\pm$ 0.000 χ^2 /NDF: 668946742.6/6

- sign 7.400 $\pm$ 0.003 χ^2 /NDF: 1401294.4/33

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 54.069 $\pm$ 0.328 χ^2 /NDF: 6342.0/15

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

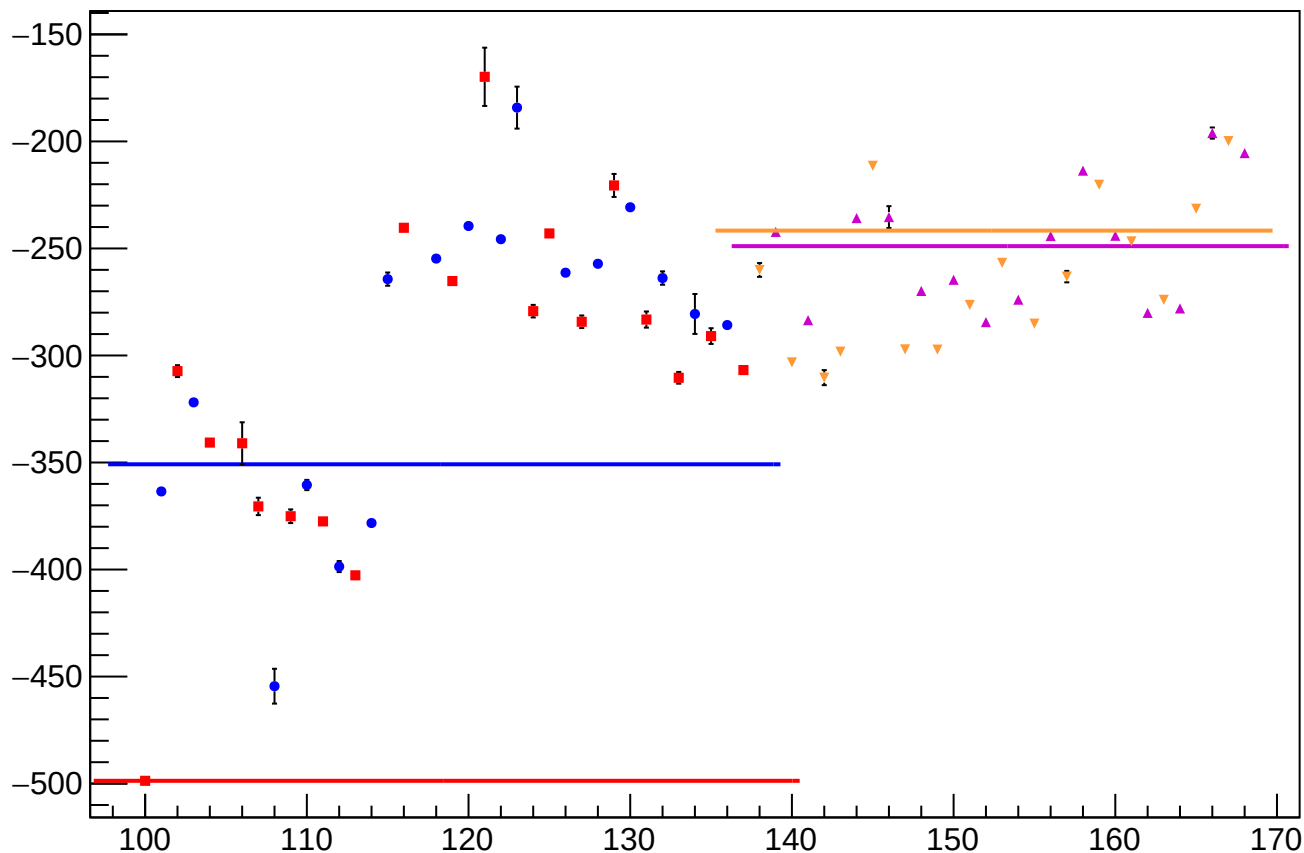
Left In: 54.118 $\pm$ 0.288 χ^2 /NDF: 5352.7/14

+ sign 58.880 $\pm$ 0.000 χ^2 /NDF: 10372.1/32

All: 60.098 $\pm$ 0.000 χ^2 /NDF: 981523394566

- sign 95.846 $\pm$ 0.000 χ^2 /NDF: 65704.1/33

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2 /NDF: 41301.1/16

Left Out: -241.668+/-0.326 χ^2 /NDF:14952.0/15

Right Out: -498.692+/-0.000 χ^2 /NDF: 511870.8/18

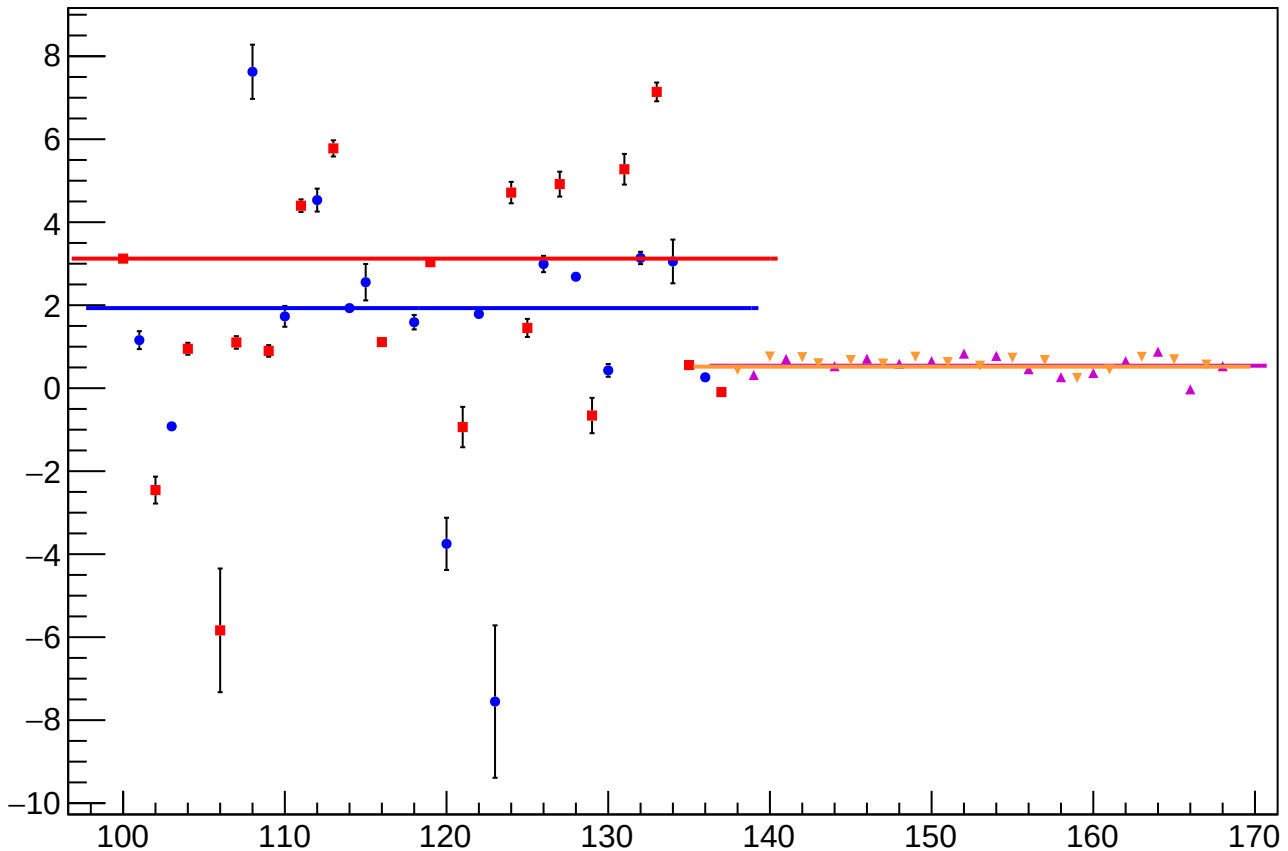
Left In: -248.921+/-0.292 χ^2 /NDF:9146.5/14

+ sign -311.474+/-0.196 χ^2 /NDF: 128106.5/32

All: -498.692+/-0.000 χ^2 /NDF: 2297435.9/66

- sign -498.692+/-0.000 χ^2 /NDF: 1252669.6/33

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.519 ± 0.002 χ^2/NDF : 7985.4/15

Right Out: 3.123 ± 0.000 χ^2/NDF : 512565.5/18

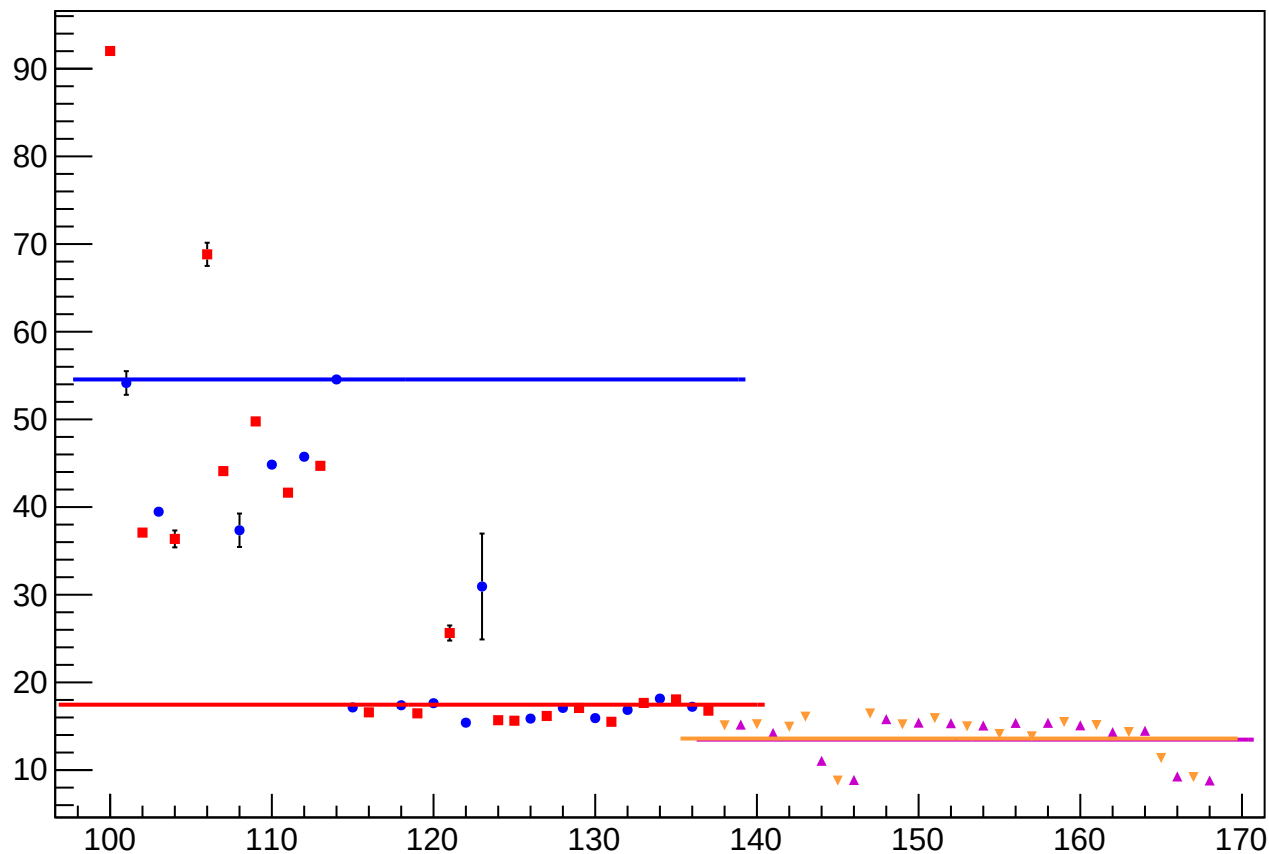
Left In: 0.542 ± 0.002 χ^2/NDF : 12550.6/14

+ sign 1.930 ± 0.000 χ^2/NDF : 484948.1/32

All: 2.073 ± 0.000 χ^2/NDF : 3809953457808

- sign 3.123 ± 0.000 χ^2/NDF : 2293017.9/33

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 13.595+/-0.007 χ^2/NDF :145395.7/15

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

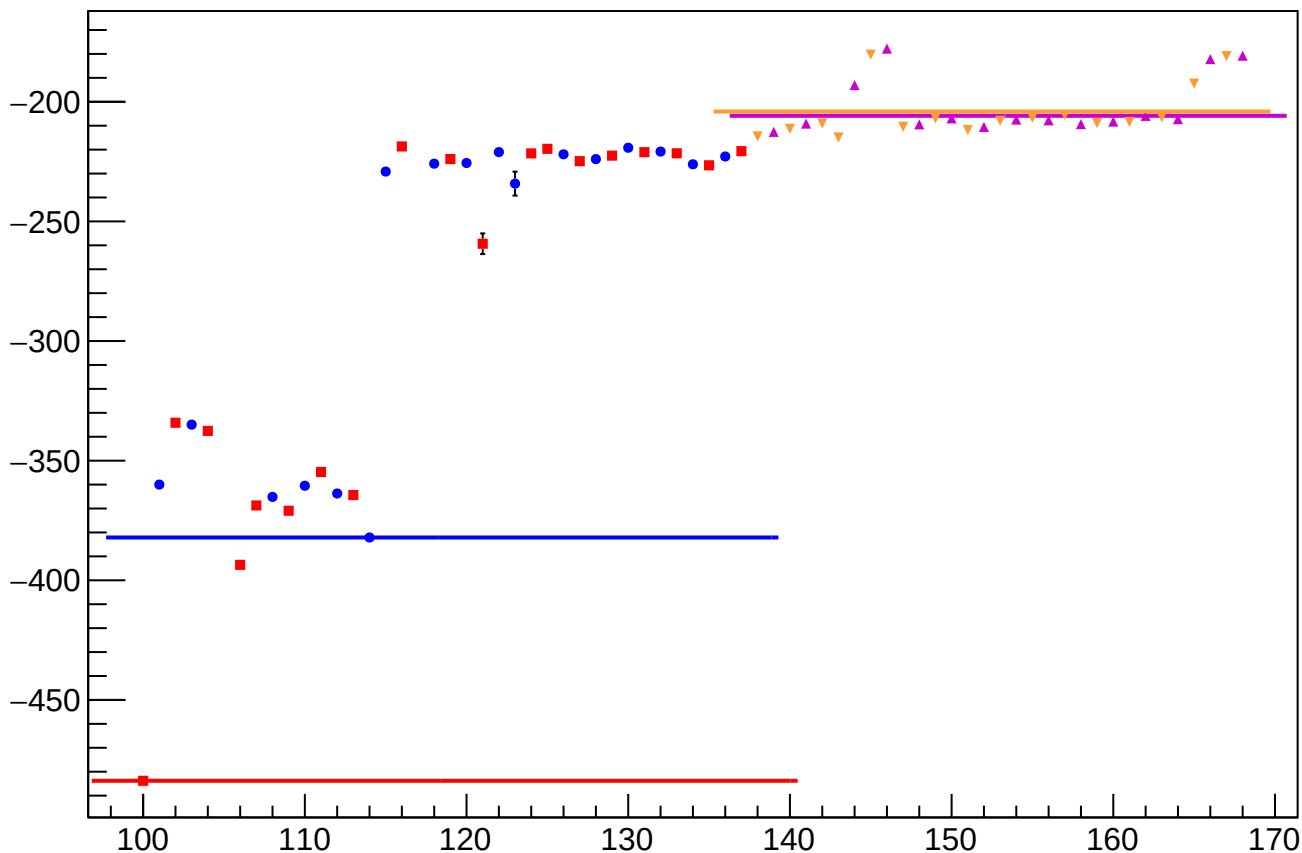
Left In: 13.473+/-0.007 χ^2/NDF :163935.2/14

+ sign 54.556+/-0.000 χ^2/NDF : 37632357.2/32

All: 54.556+/-0.000 χ^2/NDF : 78879001.0/66

- sign 13.953+/-0.006 χ^2/NDF : 305023.7/33

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -204.064+/-0.017 χ^2/NDF : 430323.8/15

+ sign -382.108+/-0.000 χ^2/NDF : 133147106.2/32

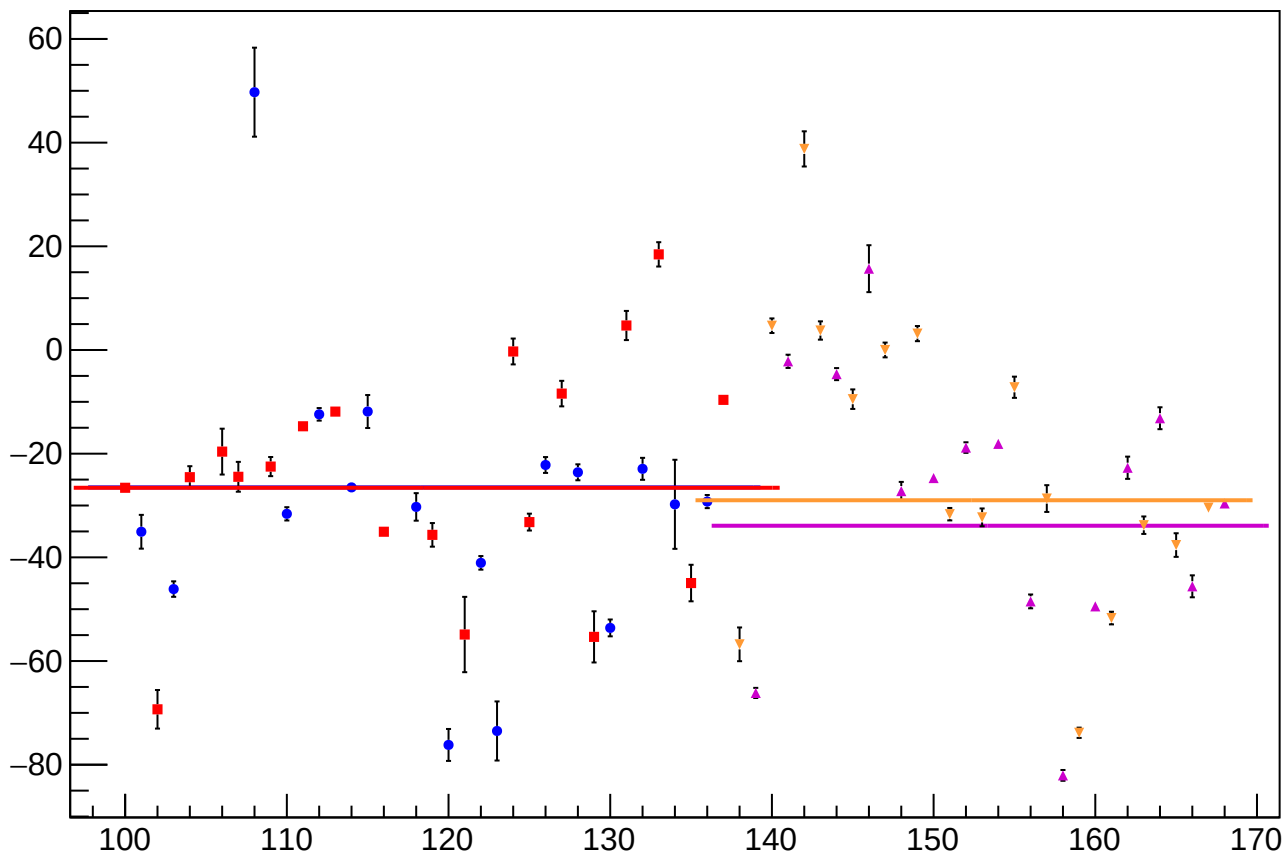
Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

All: -417.999+/-0.000 χ^2/NDF : 12425488813

Left In: -205.863+/-0.016 χ^2/NDF : 220630.0/14

- sign -483.800+/-0.000 χ^2/NDF : 310938792.2/33

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -28.986 ± 0.342 χ^2/NDF : 4929.3/15

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

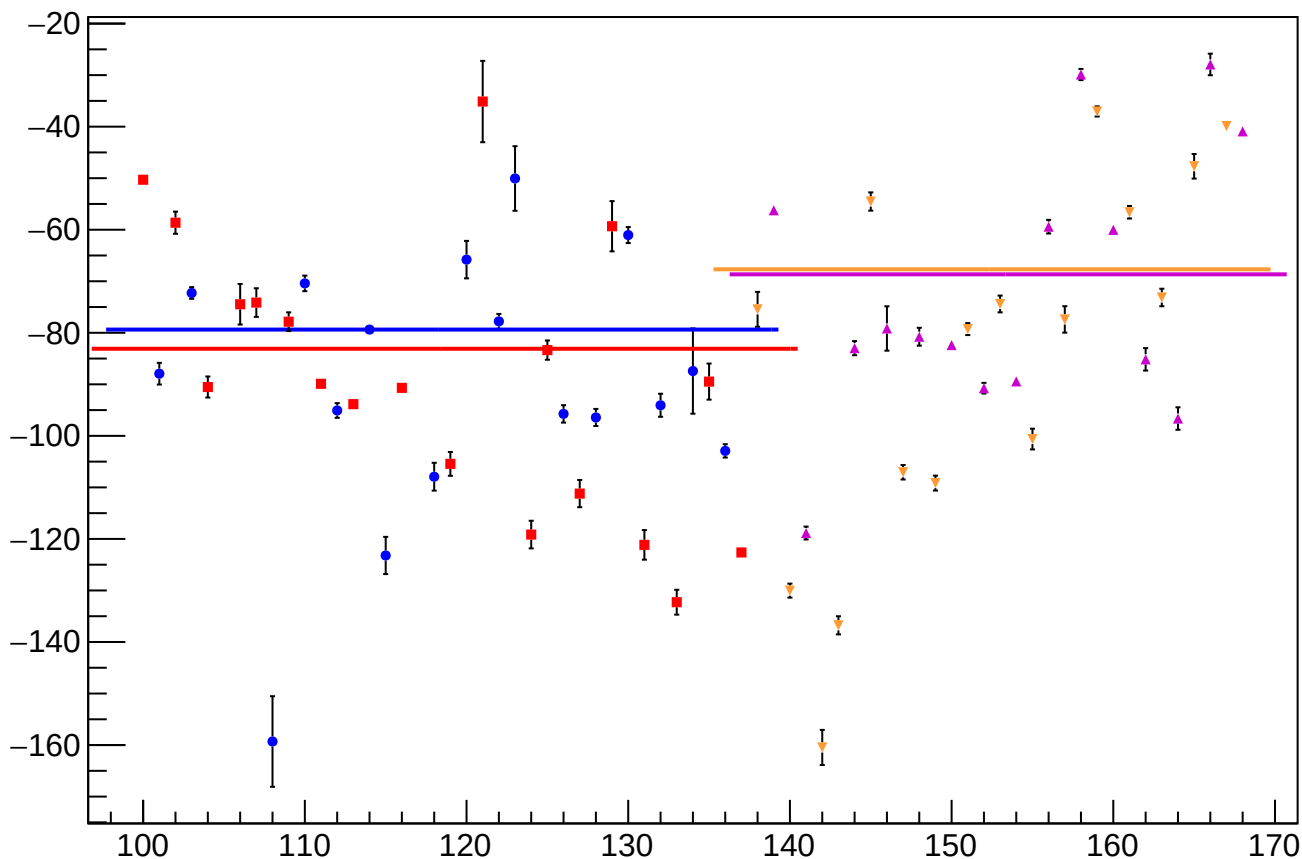
Left In: -33.901 ± 0.296 χ^2/NDF : 5814.4/14

+ sign -26.504 ± 0.000 χ^2/NDF : 6162.6/32

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 9067.8/33

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -67.683 ± 0.334 χ^2/NDF : 9811.8/15

Right Out: -83.099 ± 0.178 χ^2/NDF : 11915.8/18

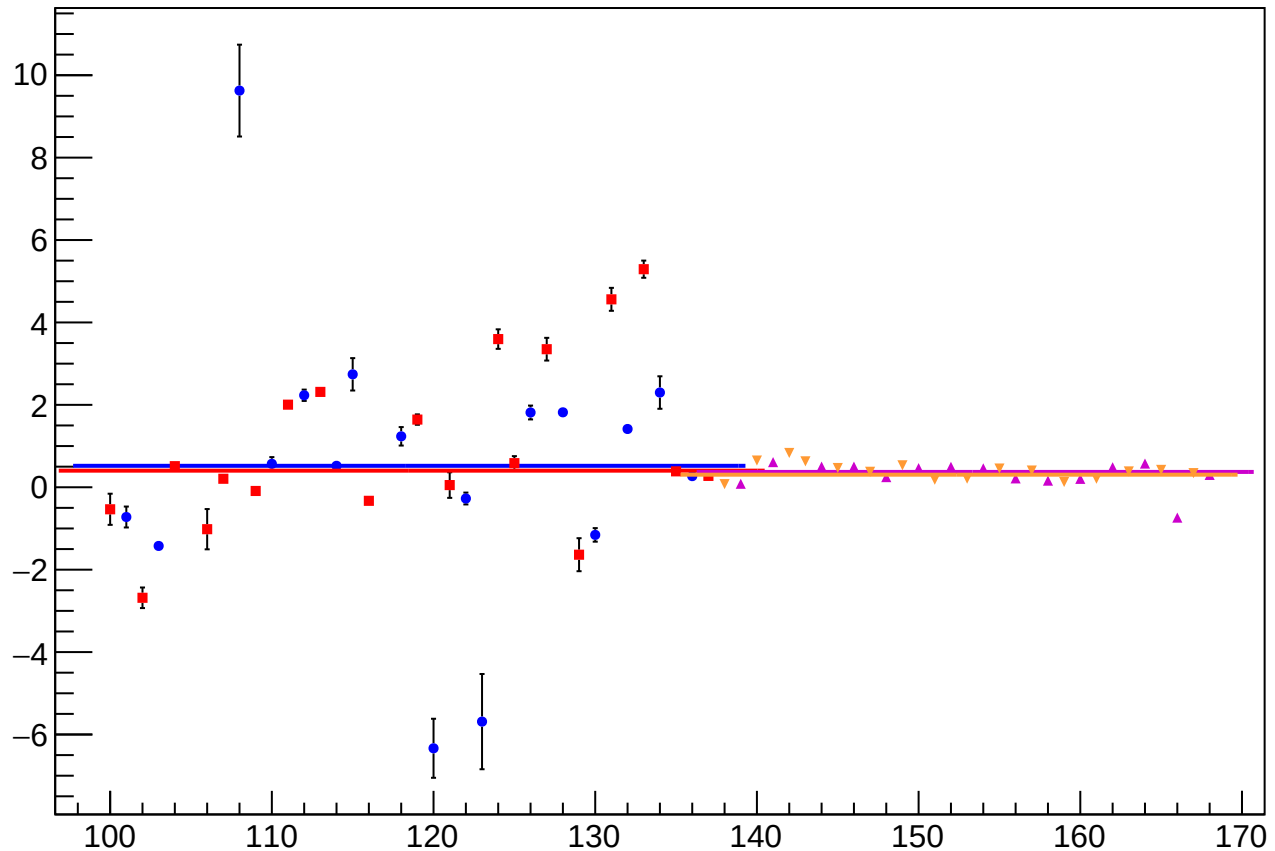
Left In: -68.657 ± 0.292 χ^2/NDF : 6633.4/14

+ sign -79.376 ± 0.000 χ^2/NDF : 12342.7/32

All: -79.376 ± 0.000 χ^2/NDF : 32678.7/66

- sign -79.175 ± 0.152 χ^2/NDF : 20334.2/33

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.305+/-0.002 χ^2/NDF : 5934.8/15

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

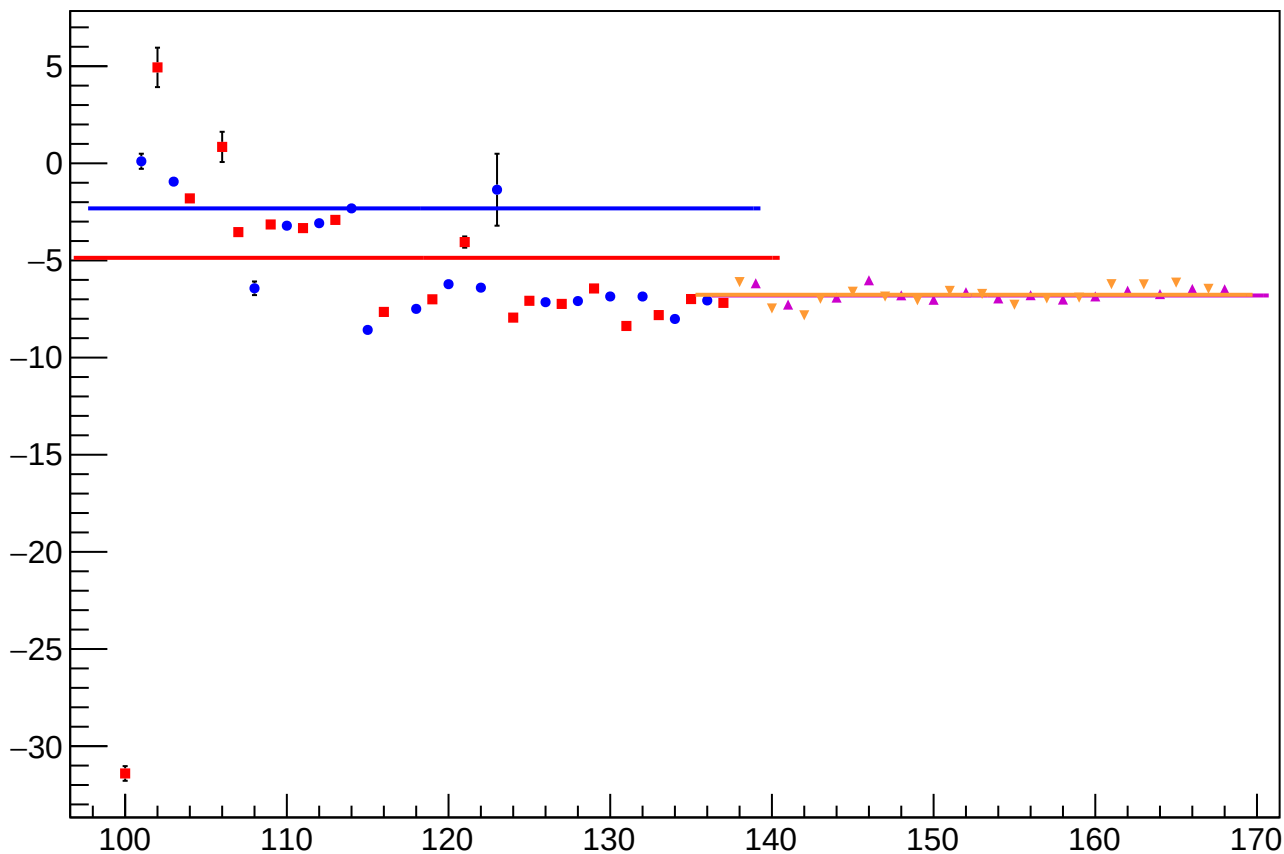
Left In: 0.372+/-0.002 χ^2/NDF : 8852.4/14

+ sign 0.521+/-0.000 χ^2/NDF : 19244.3/32

All: 0.521+/-0.000 χ^2/NDF : 36931.1/66

- sign 0.373+/-0.002 χ^2/NDF : 11587.7/33

dit_sam3_4aY_slope vs Slug



Right In: -2.320 ± 0.000 χ^2/NDF : 270771.9/16

Left Out: -6.766 ± 0.003 χ^2/NDF : 8030.1/15

Right Out: -4.864 ± 0.010 χ^2/NDF : 49380.5/18

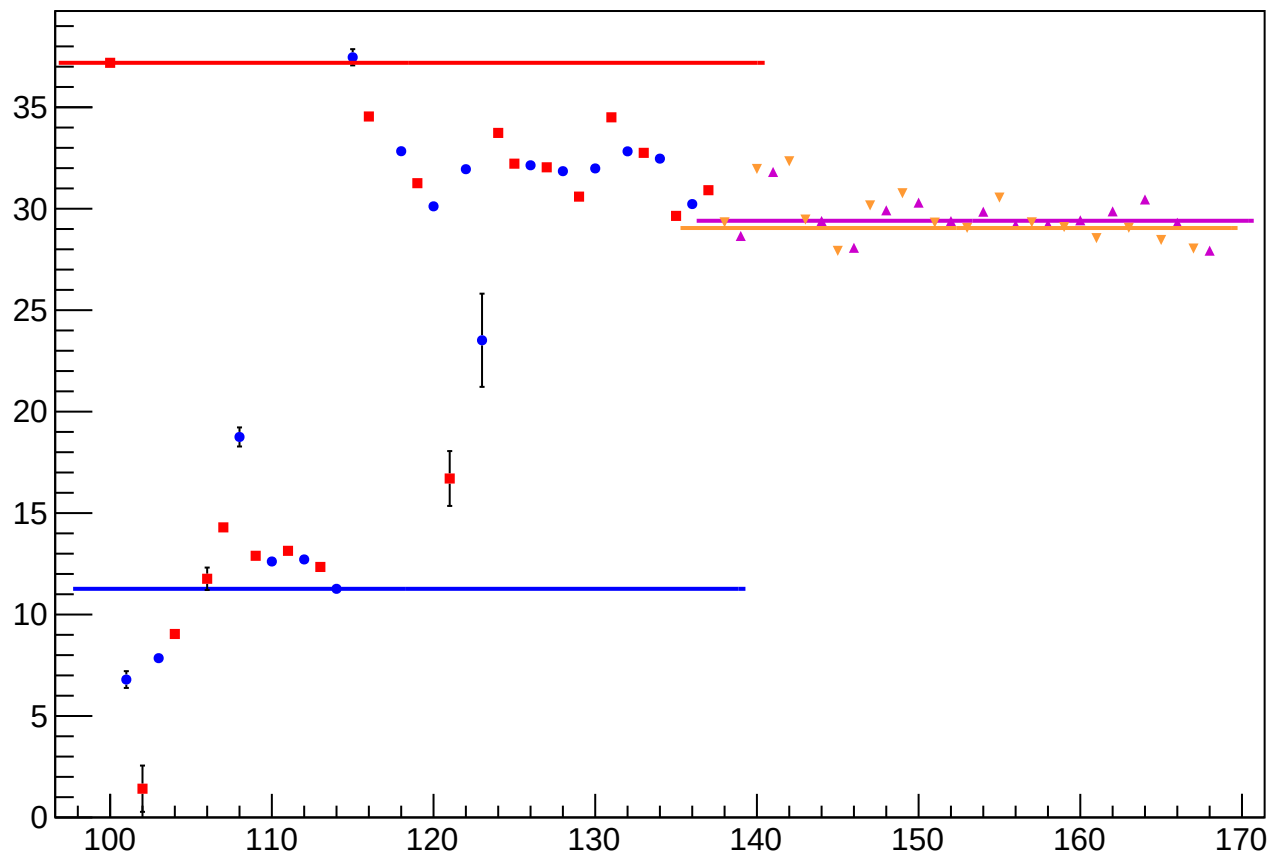
Left In: -6.803 ± 0.003 χ^2/NDF : 7712.8/14

+ sign -2.320 ± 0.000 χ^2/NDF : 2790322.1/32

All: -2.320 ± 0.000 χ^2/NDF : 5568786.1/66

- sign -6.674 ± 0.003 χ^2/NDF : 90135.4/33

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.049 $\pm$ 0.010 χ^2 /NDF:11090.1/15

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

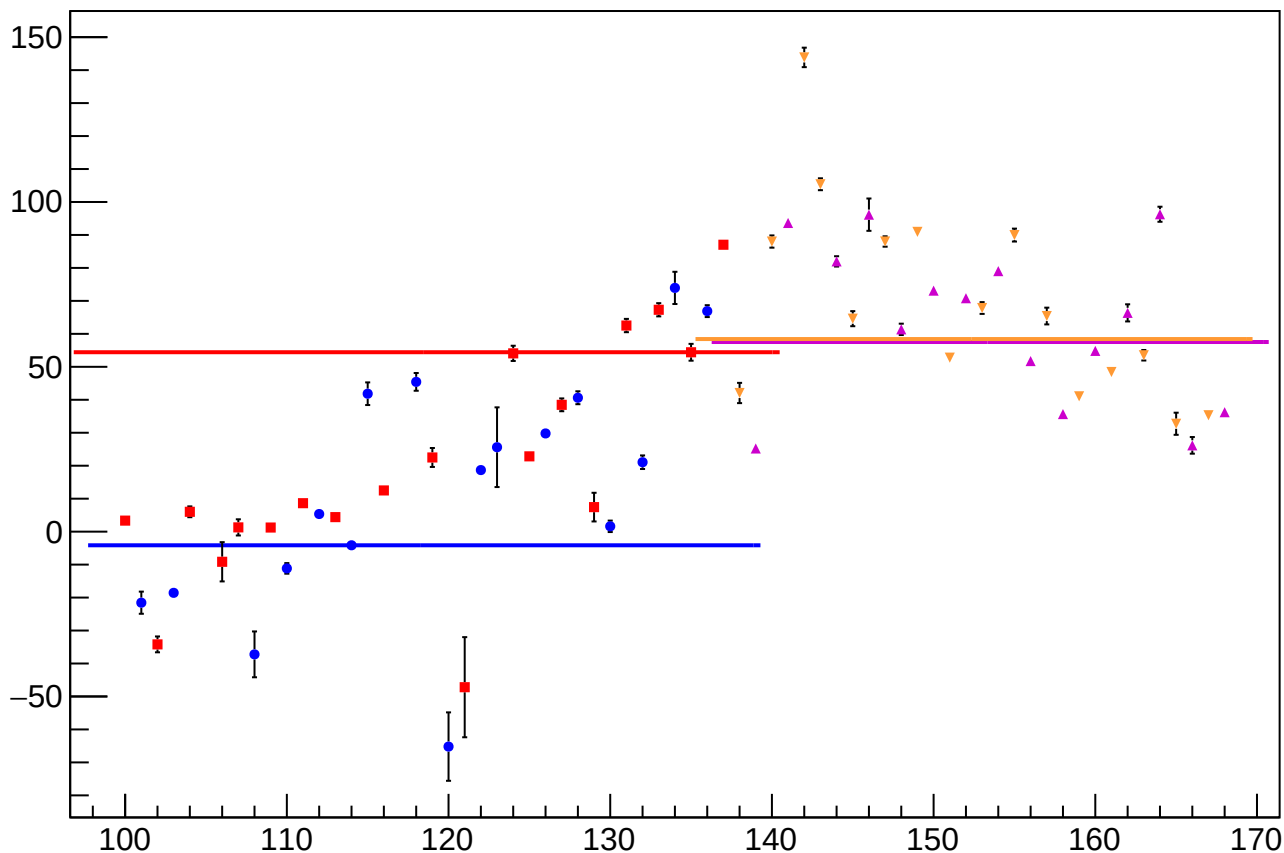
Left In: 29.406 $\pm$ 0.009 χ^2 /NDF:7264.3/14

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 4095887.9/32

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

- sign 37.191 $\pm$ 0.000 χ^2 /NDF: 1819565.5/33

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 58.423 ± 0.371 χ^2/NDF : 4346.3/15

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

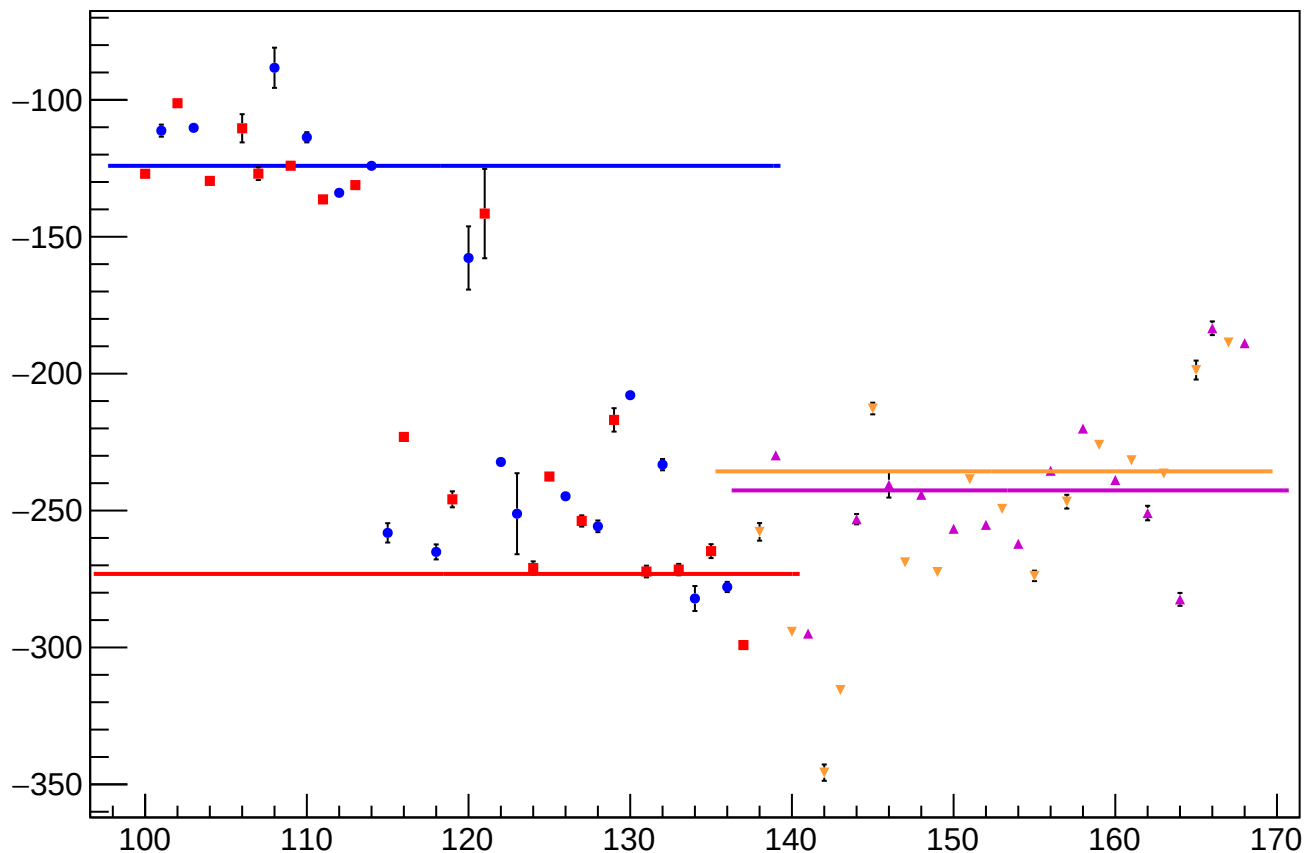
Left In: 57.525 ± 0.308 χ^2/NDF : 5242.3/14

+ sign -4.139 ± 0.000 χ^2/NDF : 37387.7/32

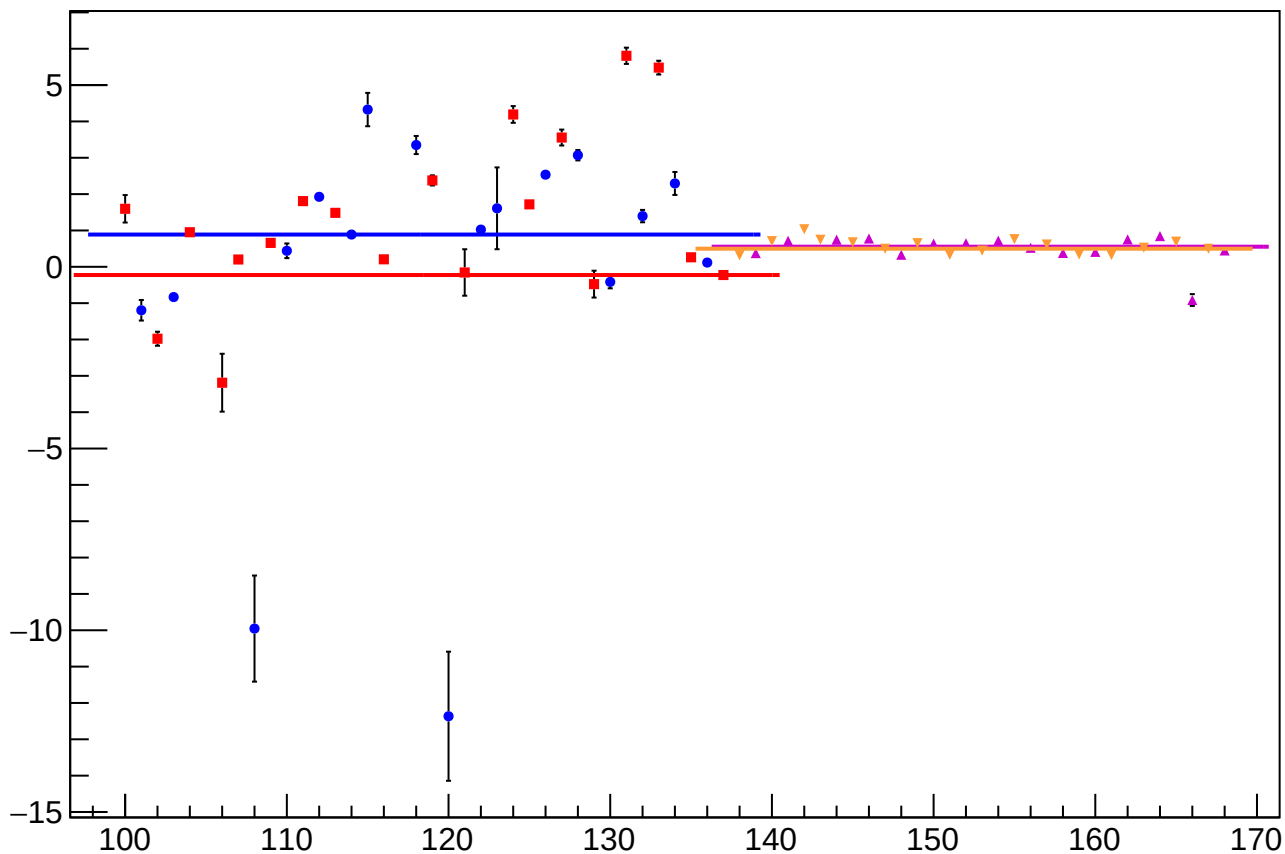
All: -4.139 ± 0.000 χ^2/NDF : 255209.0/66

- sign 55.153 ± 0.149 χ^2/NDF : 59318.7/33

dit_sam4_4eX_slope vs Slug



dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.499 ± 0.003 χ^2/NDF : 3590.2/15

Right Out: -0.226 ± 0.000 χ^2/NDF : 5031.1/18

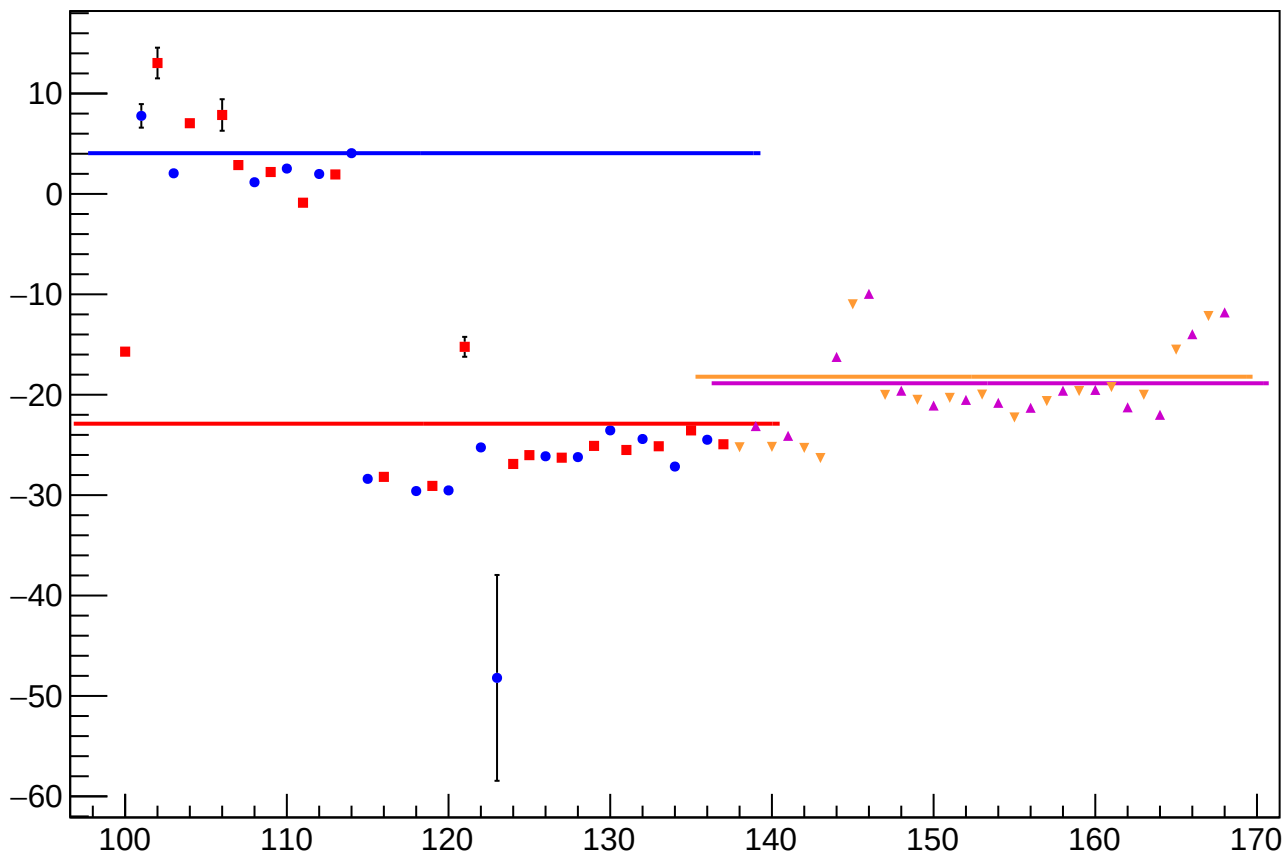
Left In: 0.553 ± 0.002 χ^2/NDF : 4134.2/14

+ sign 0.888 ± 0.000 χ^2/NDF : 32372.0/32

All: 0.888 ± 0.000 χ^2/NDF : 422267426.9/66

- sign -0.226 ± 0.000 χ^2/NDF : 112853.8/33

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -18.206+/-0.013 χ^2/NDF :104062.1/15

Right Out: -22.885+/-0.026 χ^2/NDF : 116508.9/18

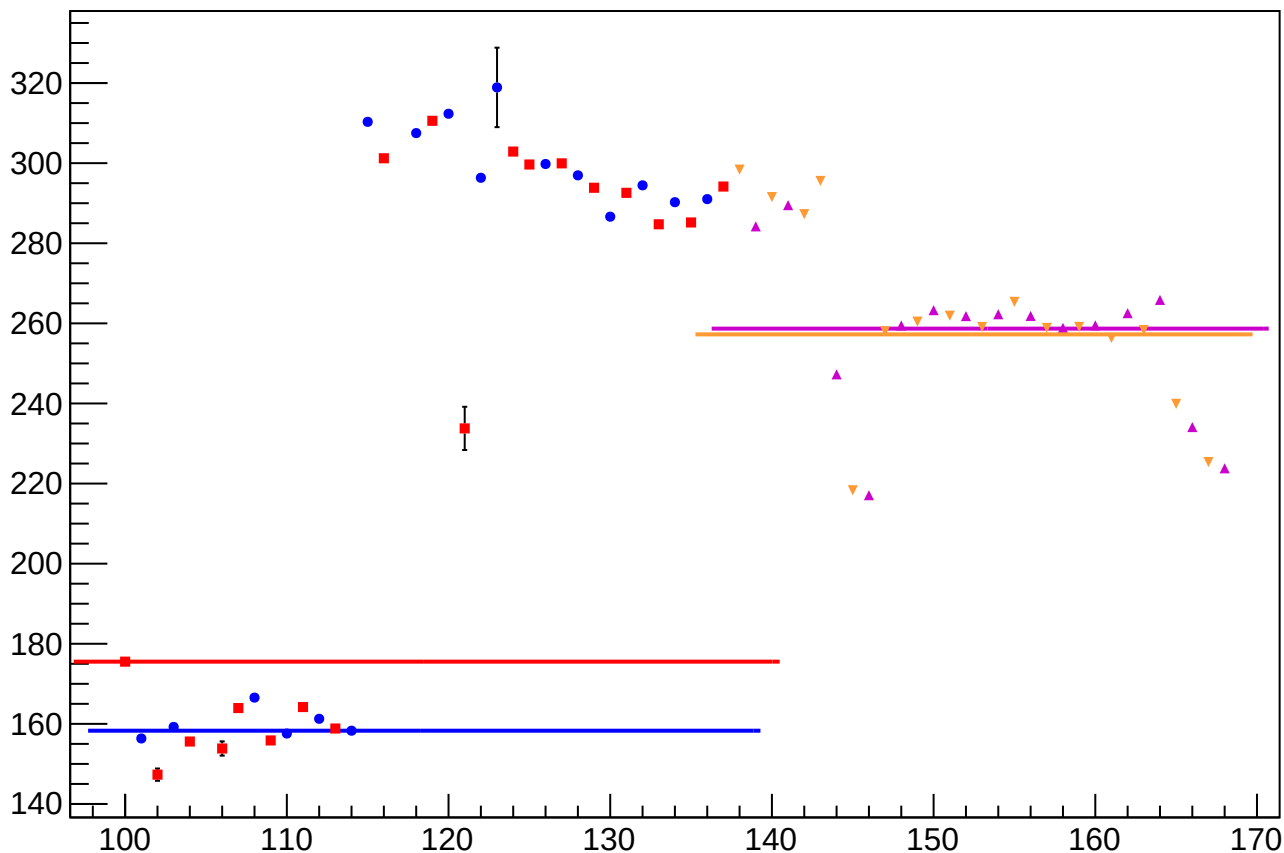
Left In: -18.859+/-0.011 χ^2/NDF :90531.2/14

+ sign 4.057+/-0.000 χ^2/NDF : 4321873.5/32

All: 4.057+/-0.000 χ^2/NDF : 9980843.1/66

- sign -19.450+/-0.010 χ^2/NDF : 227004.1/33

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2410913.3/16

Left Out: 257.249 $\pm$ 0.034 χ^2 /NDF: 361444.5/15

Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2100196.2/18

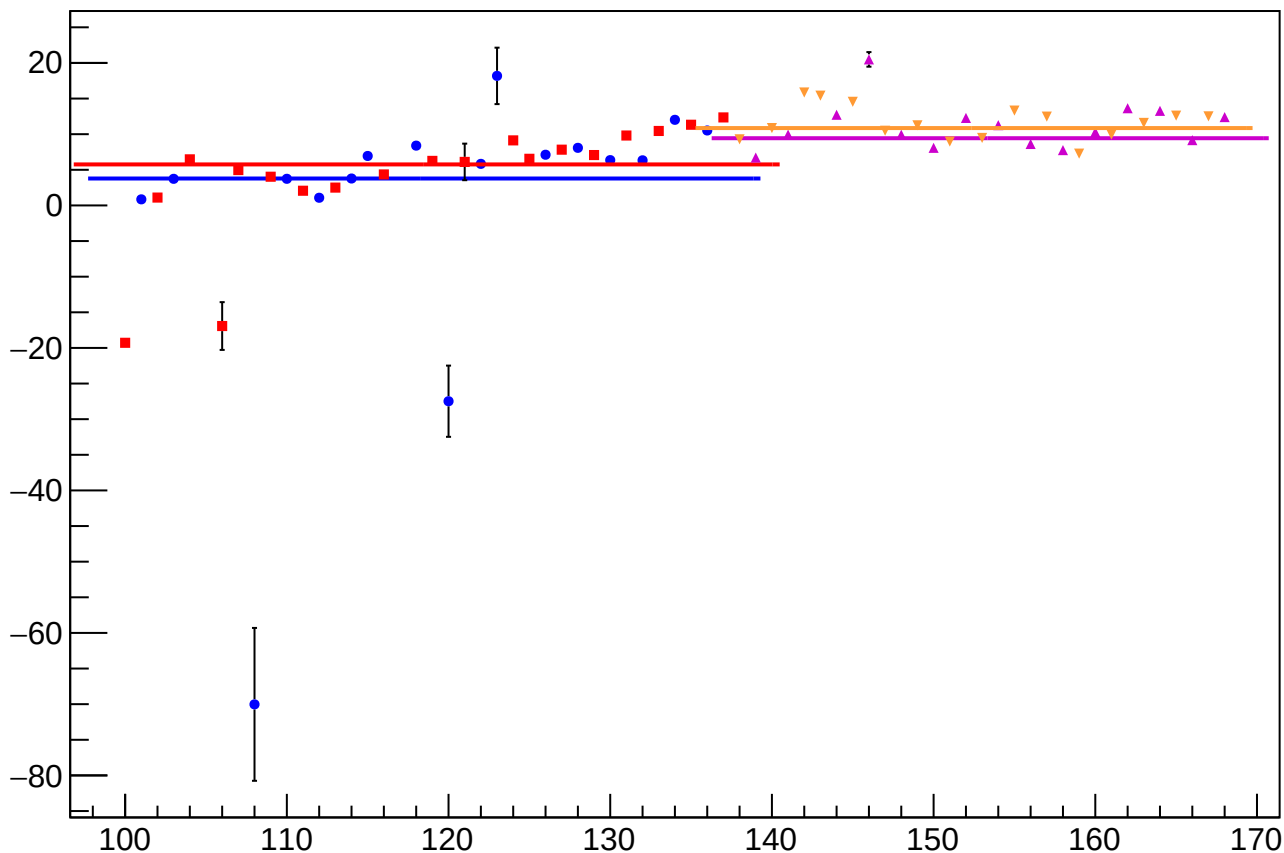
Left In: 258.685 $\pm$ 0.032 χ^2 /NDF: 134451.6/14

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 11136406.0/32

All: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225

- sign 175.536 $\pm$ 0.000 χ^2 /NDF: 9107427.6/33

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.858 ± 0.035 χ^2/NDF : 2305.9/15

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

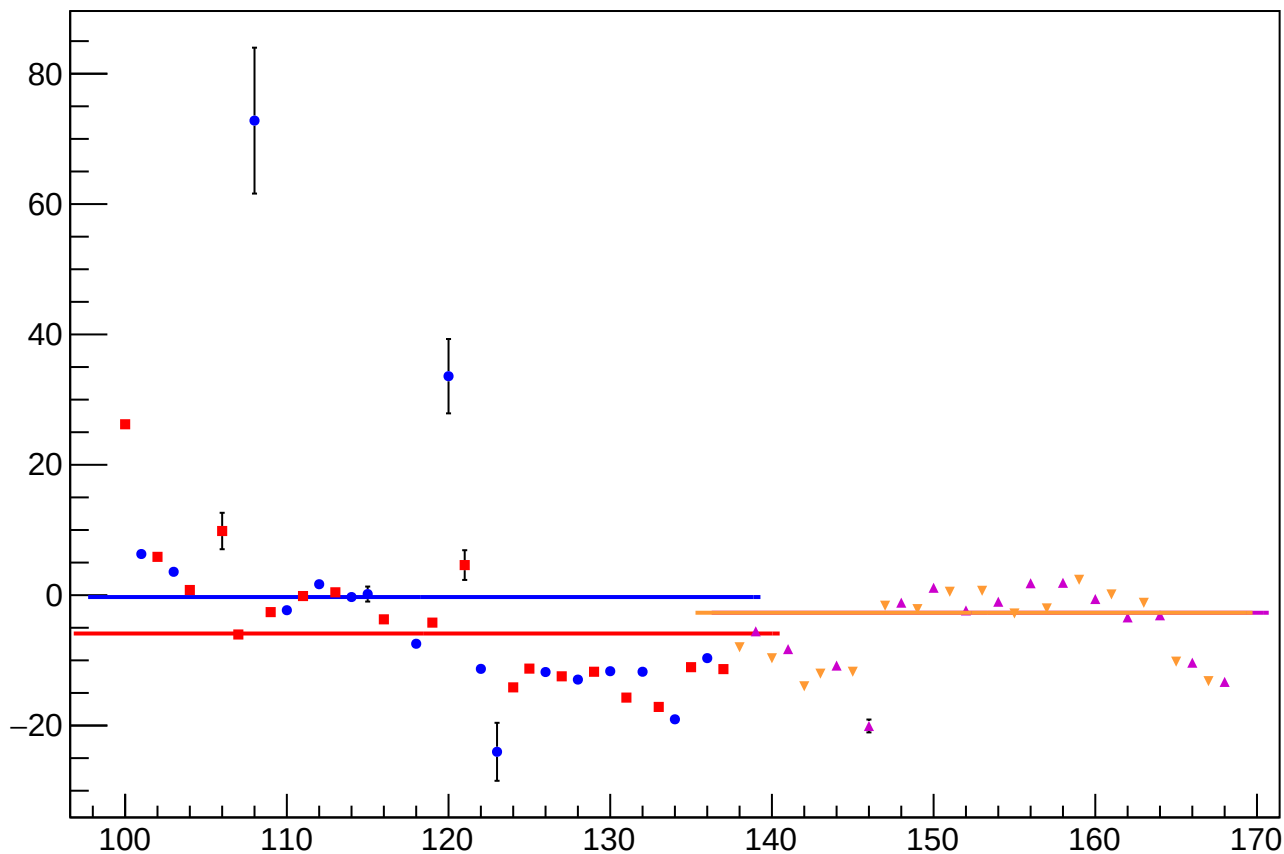
Left In: 9.434 ± 0.033 χ^2/NDF : 3483.2/14

+ sign 3.778 ± 0.000 χ^2/NDF : 50444.3/32

All: 3.778 ± 0.000 χ^2/NDF : 110881.4/66

- sign 7.130 ± 0.020 χ^2/NDF : 33395.3/33

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -2.695 ± 0.035 χ^2/NDF : 14737.9/15

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

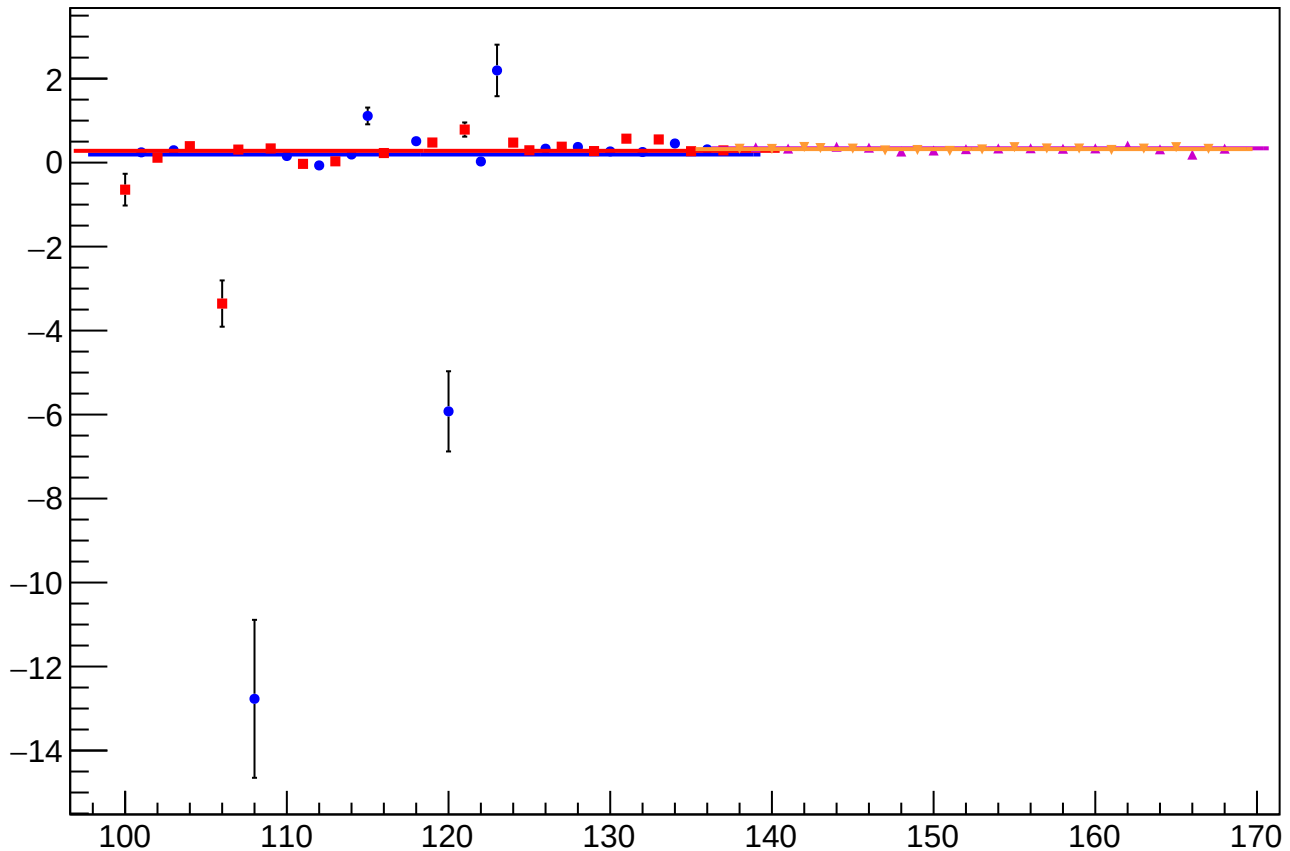
Left In: -2.698 ± 0.034 χ^2/NDF : 18172.7/14

+ sign -0.287 ± 0.000 χ^2/NDF : 63843.4/32

All: -0.287 ± 0.000 χ^2/NDF : 192967.4/66

- sign -4.618 ± 0.021 χ^2/NDF : 87104.3/33

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10027.5/16

Left Out: 0.322 $\pm$ 0.001 χ^2 /NDF:1426.5/15

Right Out: 0.280 $\pm$ 0.001 χ^2 /NDF: 6059.0/18

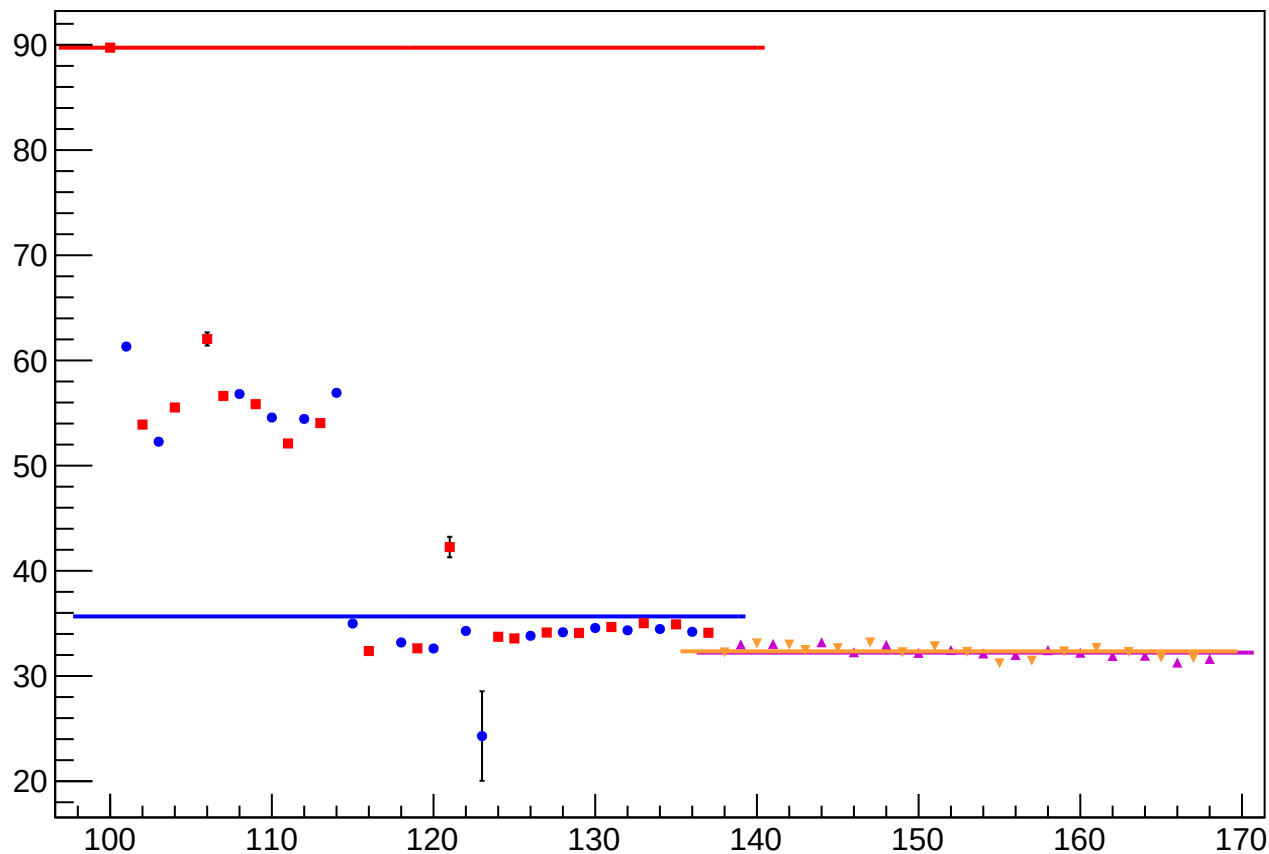
Left In: 0.340 $\pm$ 0.001 χ^2 /NDF:3036.0/14

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 54449.5/32

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 122740.7/66

- sign 0.331 $\pm$ 0.001 χ^2 /NDF: 10493.9/33

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.345 $\pm$ 0.004 χ^2 /NDF: 5298.9/15

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

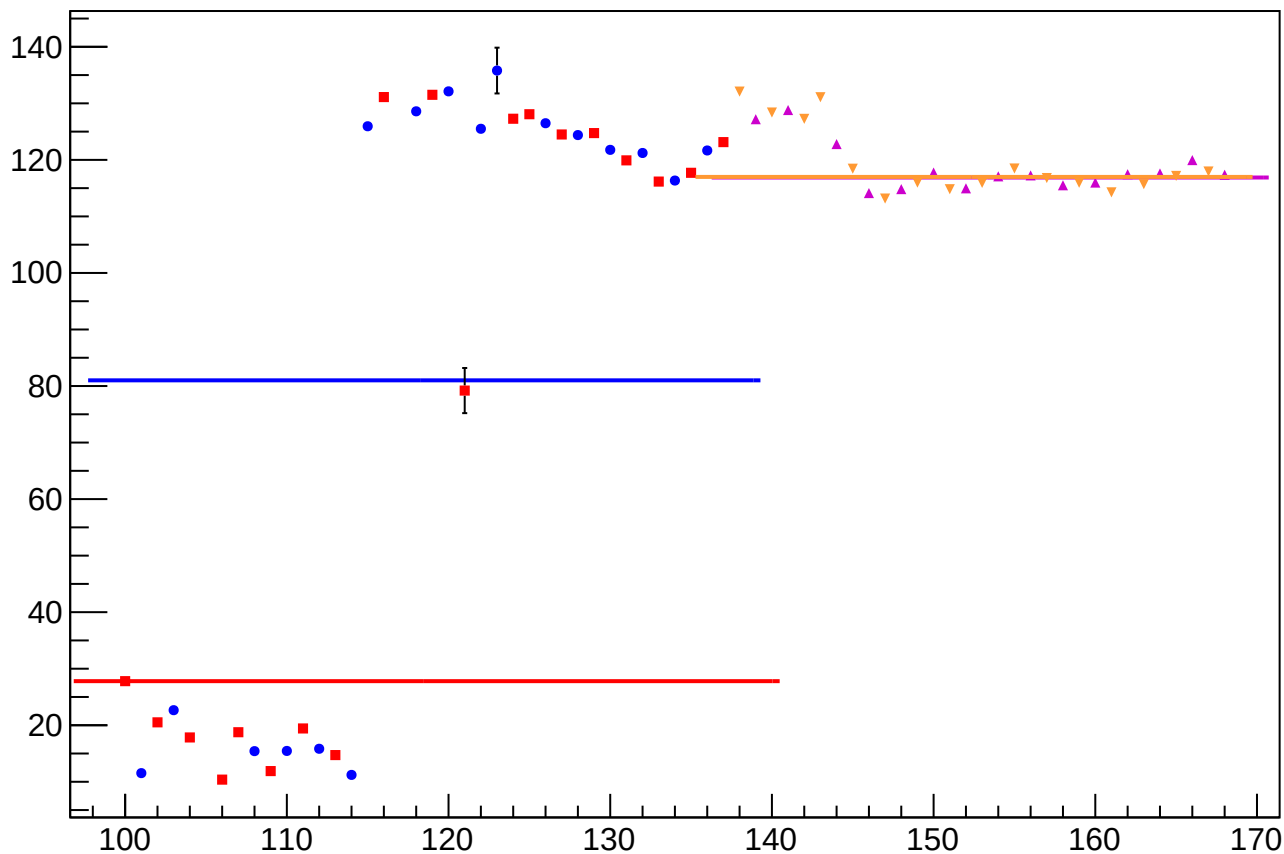
Left In: 32.225 $\pm$ 0.004 χ^2 /NDF: 8900.5/14

+ sign 32.741 $\pm$ 0.004 χ^2 /NDF: 299058.1/32

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 468655203.7/60

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 257187382.8/33

dit_sam5_4eY_slope vs Slug



Right In: 81.005 ± 0.035 $\chi^2/\text{NDF}: 2228881.4/16$

Left Out: 116.987 ± 0.010 $\chi^2/\text{NDF}: 139035.2/15$

Right Out: 27.798 ± 0.000 $\chi^2/\text{NDF}: 9183707.8/18$

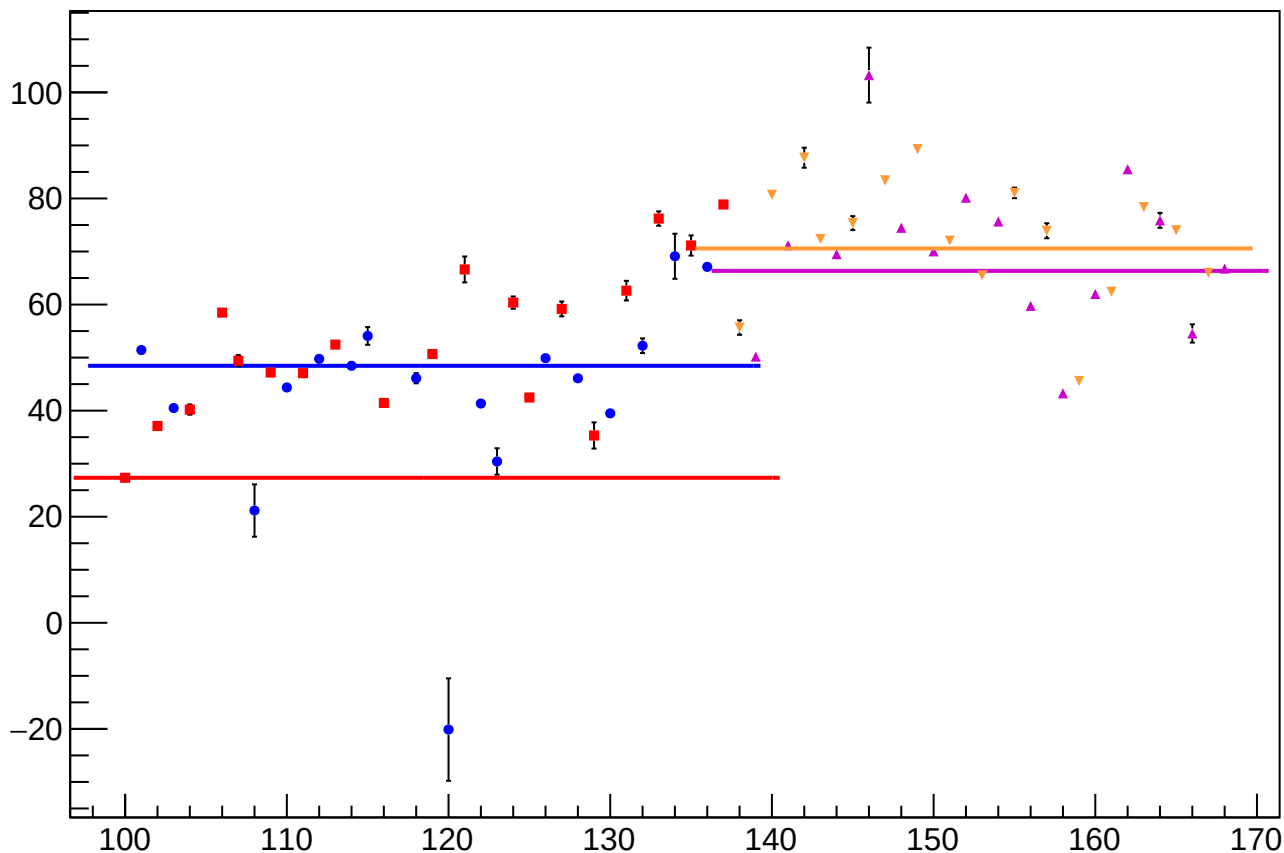
Left In: 116.881 ± 0.009 $\chi^2/\text{NDF}: 41880.9/14$

+ sign 114.423 ± 0.009 $\chi^2/\text{NDF}: 3376263.7/32$

All: 27.798 ± 0.000 $\chi^2/\text{NDF}: 190024739.6/60$

- sign 27.798 ± 0.000 $\chi^2/\text{NDF}: 98342072.5/33$

dit_sam6_4aX_slope vs Slug



Right In: 48.450 $\pm$ 0.000 χ^2 /NDF: 2751.4/16

Left Out: 70.574 $\pm$ 0.189 χ^2 /NDF: 4037.2/15

Right Out: 27.342 $\pm$ 0.000 χ^2 /NDF: 25810.4/18

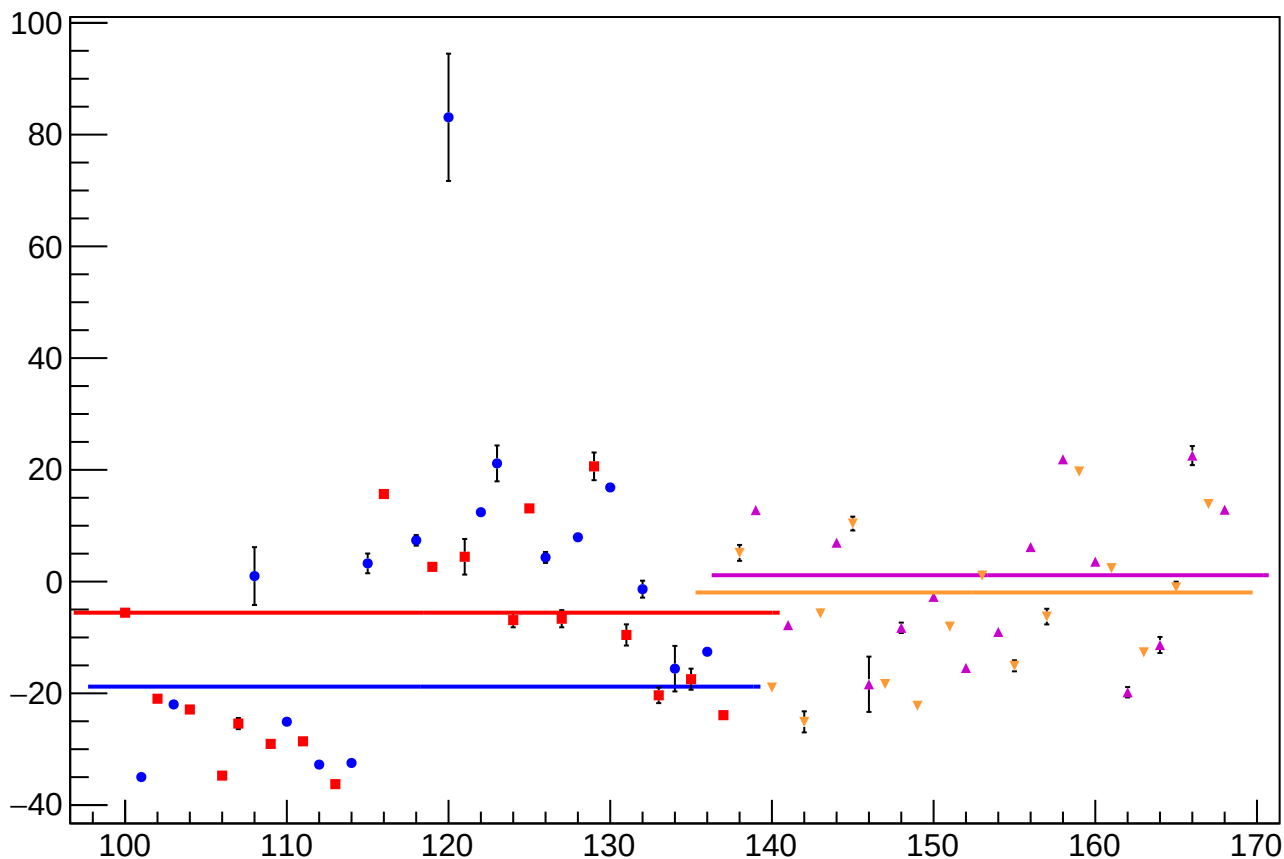
Left In: 66.349 $\pm$ 0.166 χ^2 /NDF: 4332.8/14

+ sign 48.450 $\pm$ 0.000 χ^2 /NDF: 20471.1/32

All: 28.365 $\pm$ 0.000 χ^2 /NDF: 1026290104888

- sign 27.342 $\pm$ 0.000 χ^2 /NDF: 85181.0/33

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: -1.947 ± 0.188 $\chi^2/\text{NDF}: 5770.8/15$

Right Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23097.3/18$

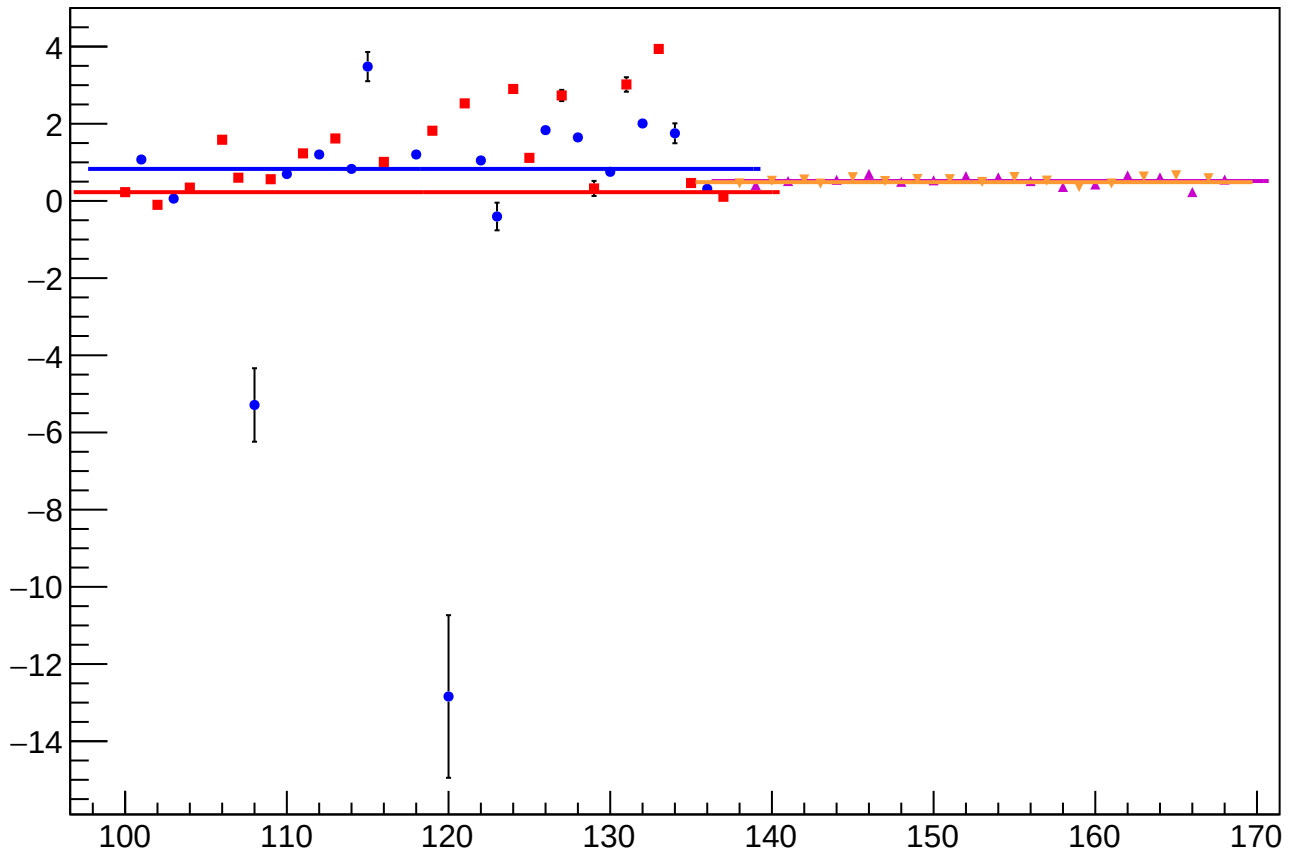
Left In: 1.140 ± 0.164 $\chi^2/\text{NDF}: 4625.5/14$

+ sign -12.316 ± 0.116 $\chi^2/\text{NDF}: 22495.1/32$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 55240.2/66$

- sign -5.568 ± 0.000 $\chi^2/\text{NDF}: 29386.1/33$

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.487 ± 0.001 χ^2/NDF : 6311.8/15

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

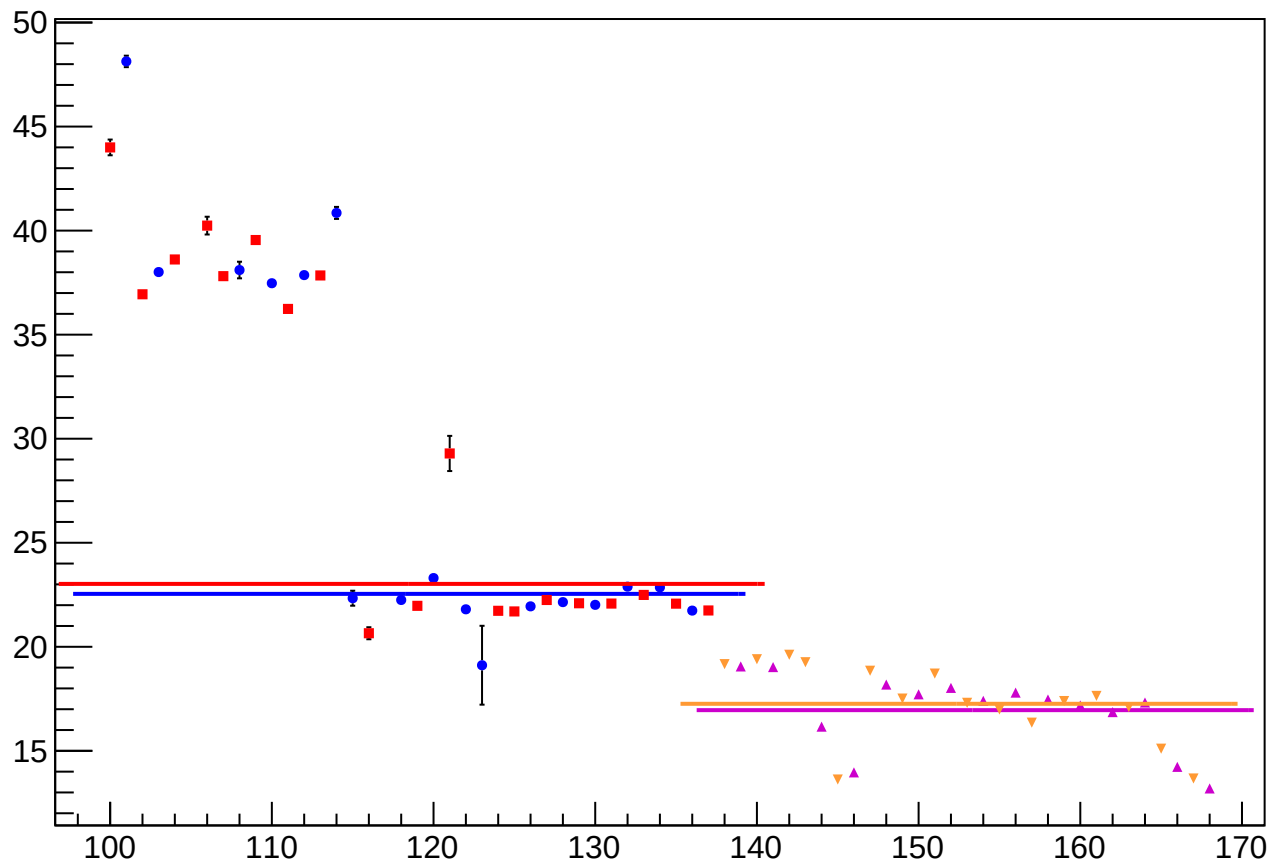
Left In: 0.516 ± 0.001 χ^2/NDF : 7892.0/14

+ sign 0.830 ± 0.000 χ^2/NDF : 101195.1/32

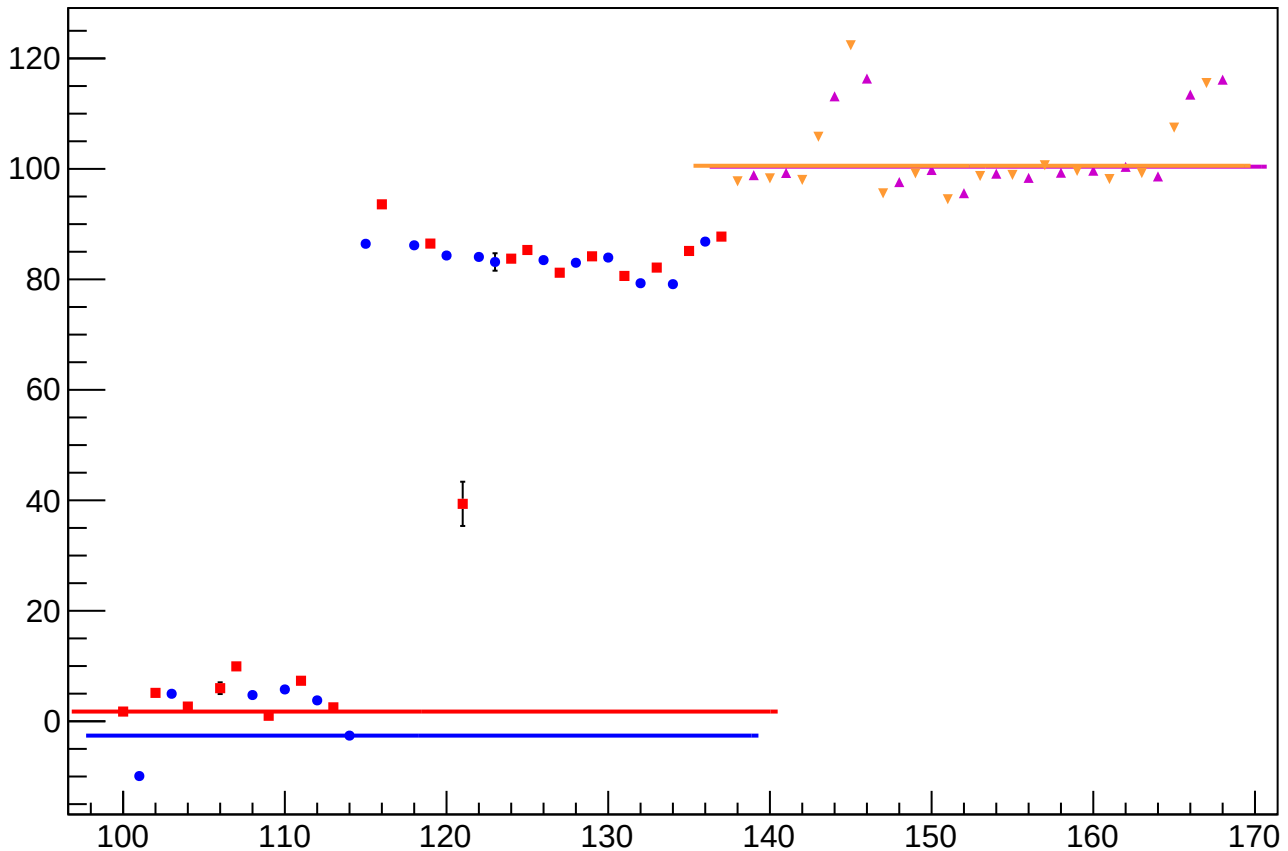
All: 0.289 ± 0.000 χ^2/NDF : 29066082561457

- sign 0.227 ± 0.000 χ^2/NDF : 84664.1/33

dit_sam6_4aY_slope vs Slug



dit_sam6_4eY_slope vs Slug



Right In: -2.596 ± 0.000 χ^2/NDF : 7395182.7/16

Left Out: 100.568 ± 0.012 χ^2/NDF : 211395.3/15

Right Out: 1.758 ± 0.000 χ^2/NDF : 4230949.4/18

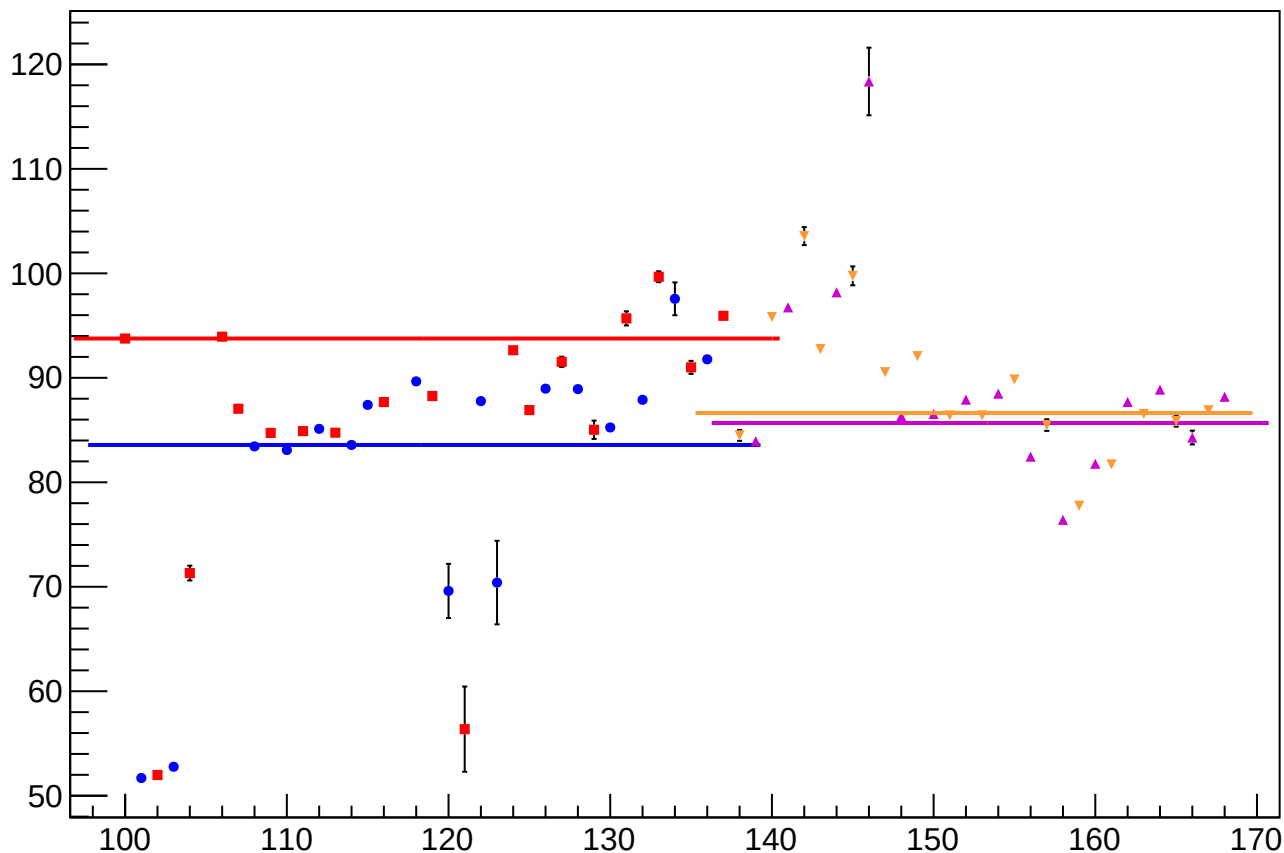
Left In: 100.402 ± 0.012 χ^2/NDF : 170174.7/14

+ sign -2.596 ± 0.000 χ^2/NDF : 76783273.0/32

All: -1.059 ± 0.000 χ^2/NDF : 3731791751577

- sign 1.758 ± 0.000 χ^2/NDF : 69523046.8/33

dit_sam7_4aX_slope vs Slug



Right In: 83.573 $\pm$ 0.000 χ^2 /NDF: 49468.0/16

Left Out: 86.636 $\pm$ 0.075 χ^2 /NDF: 5594.0/15

Right Out: 93.762 $\pm$ 0.000 χ^2 /NDF: 82848.8/18

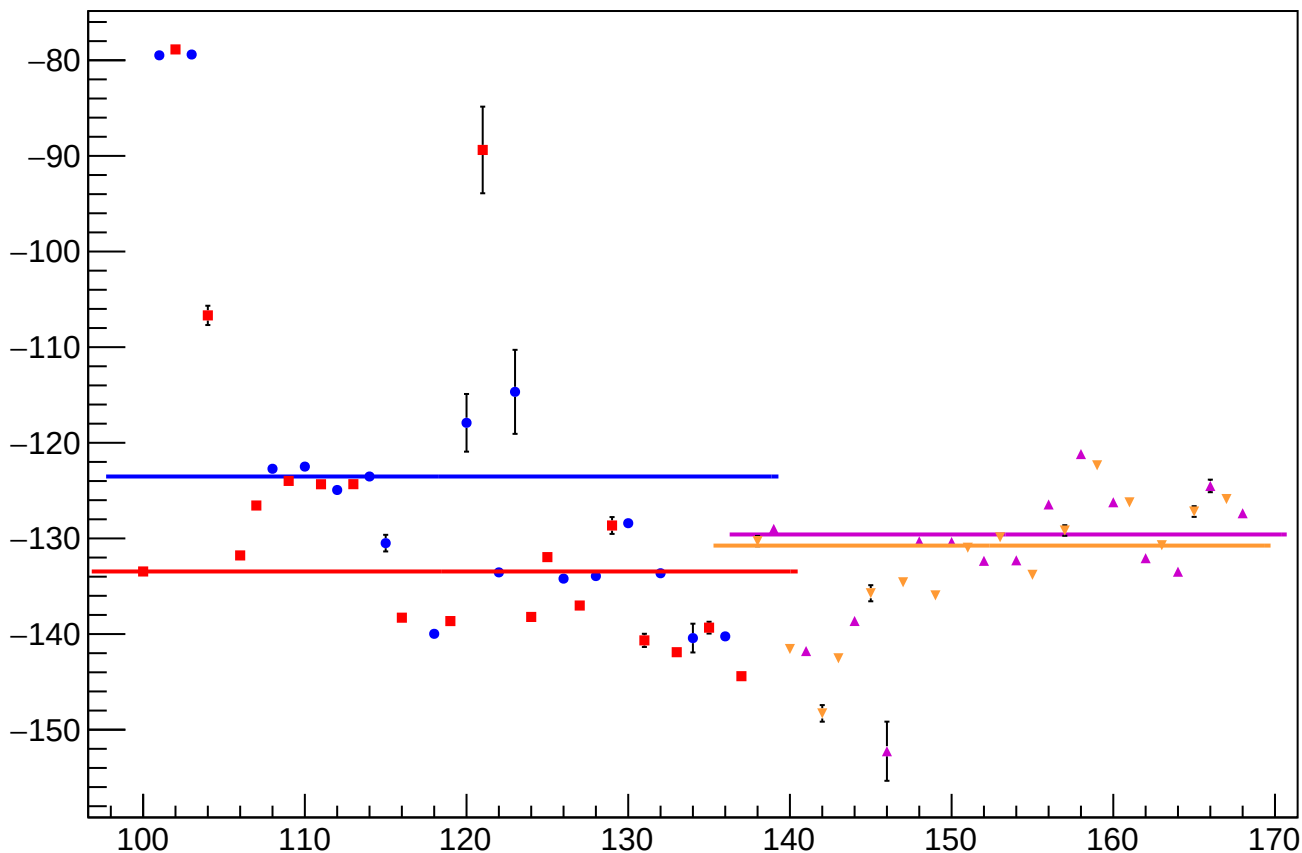
Left In: 85.676 $\pm$ 0.062 χ^2 /NDF: 6143.9/14

+ sign 83.573 $\pm$ 0.000 χ^2 /NDF: 56726.6/32

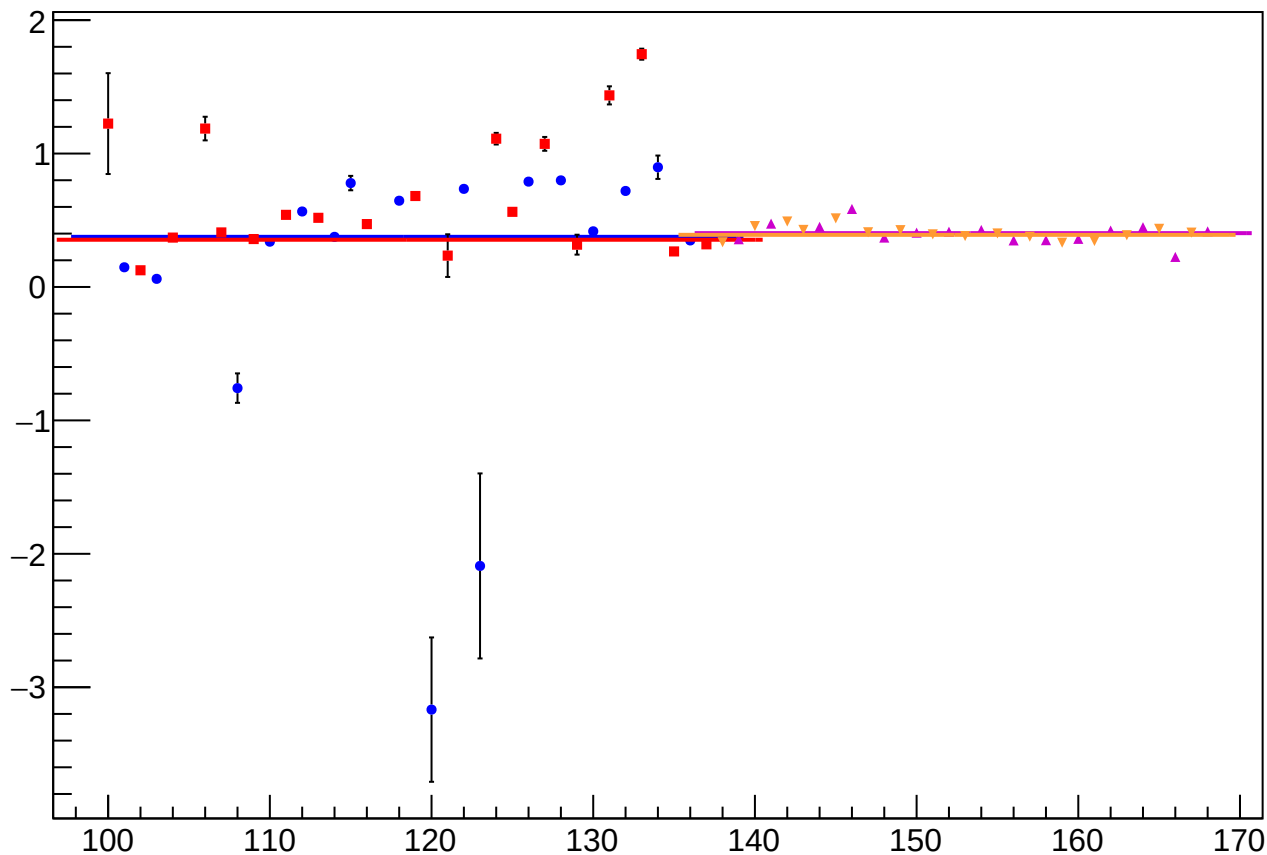
All: 87.169 $\pm$ 0.000 χ^2 /NDF: 1995684404141

- sign 93.762 $\pm$ 0.000 χ^2 /NDF: 106170.5/33

dit_sam7_4eX_slope vs Slug



dit_sam7_11X12X_slope vs Slug



Right In: 0.376 ± 0.000 χ^2/NDF : 3961.7/16

Left Out: 0.391 ± 0.001 χ^2/NDF : 4722.6/15

Right Out: 0.354 ± 0.002 χ^2/NDF : 4592.7/18

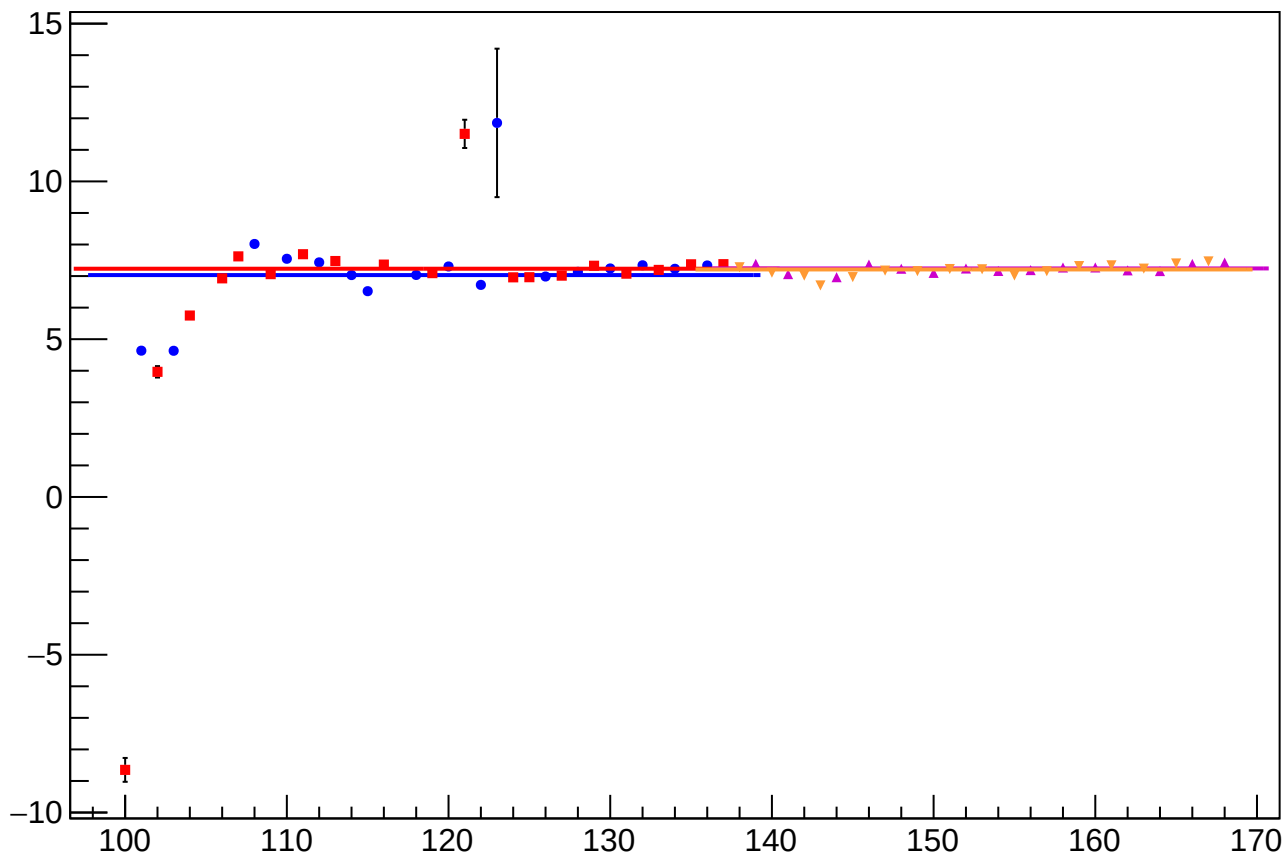
Left In: 0.403 ± 0.001 χ^2/NDF : 6181.5/14

+ sign 0.376 ± 0.000 χ^2/NDF : 9356.6/32

All: 0.376 ± 0.000 χ^2/NDF : 23334.4/66

- sign 0.398 ± 0.000 χ^2/NDF : 11737.4/33

dit_sam7_4aY_slope vs Slug



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.210 $\pm$ 0.001 χ^2 /NDF: 26527.0/15

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

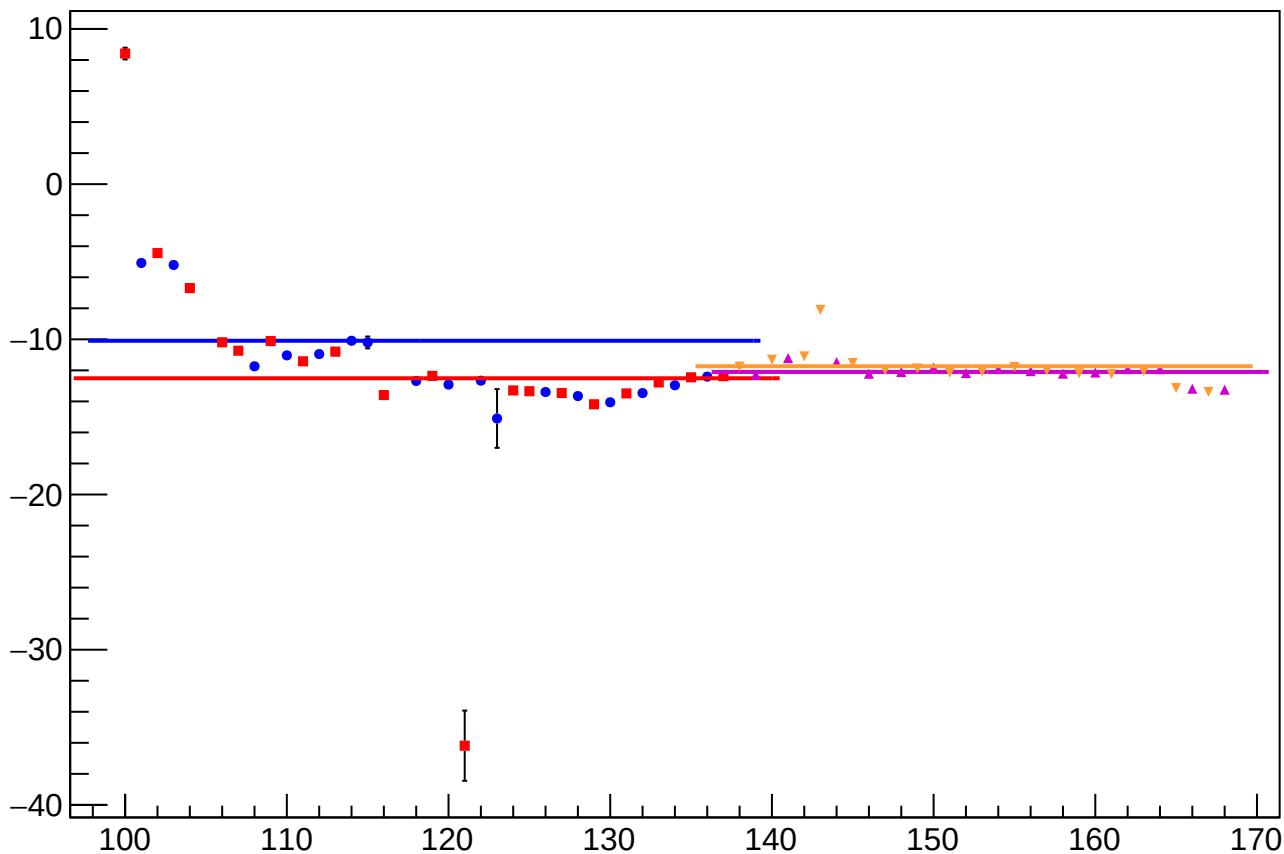
Left In: 7.242 $\pm$ 0.001 χ^2 /NDF: 17860.3/14

+ sign 7.032 $\pm$ 0.000 χ^2 /NDF: 78787.1/32

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 170912.8/66

- sign 7.241 $\pm$ 0.001 χ^2 /NDF: 27935.0/33

dit_sam7_4eY_slope vs Slug



Right In: -10.092 $\pm$ 0.000 χ^2 /NDF: 543504.2/16

Left Out: -11.733 $\pm$ 0.002 χ^2 /NDF: 438986.8/15

Right Out: -12.509 $\pm$ 0.004 χ^2 /NDF: 103509.4/18

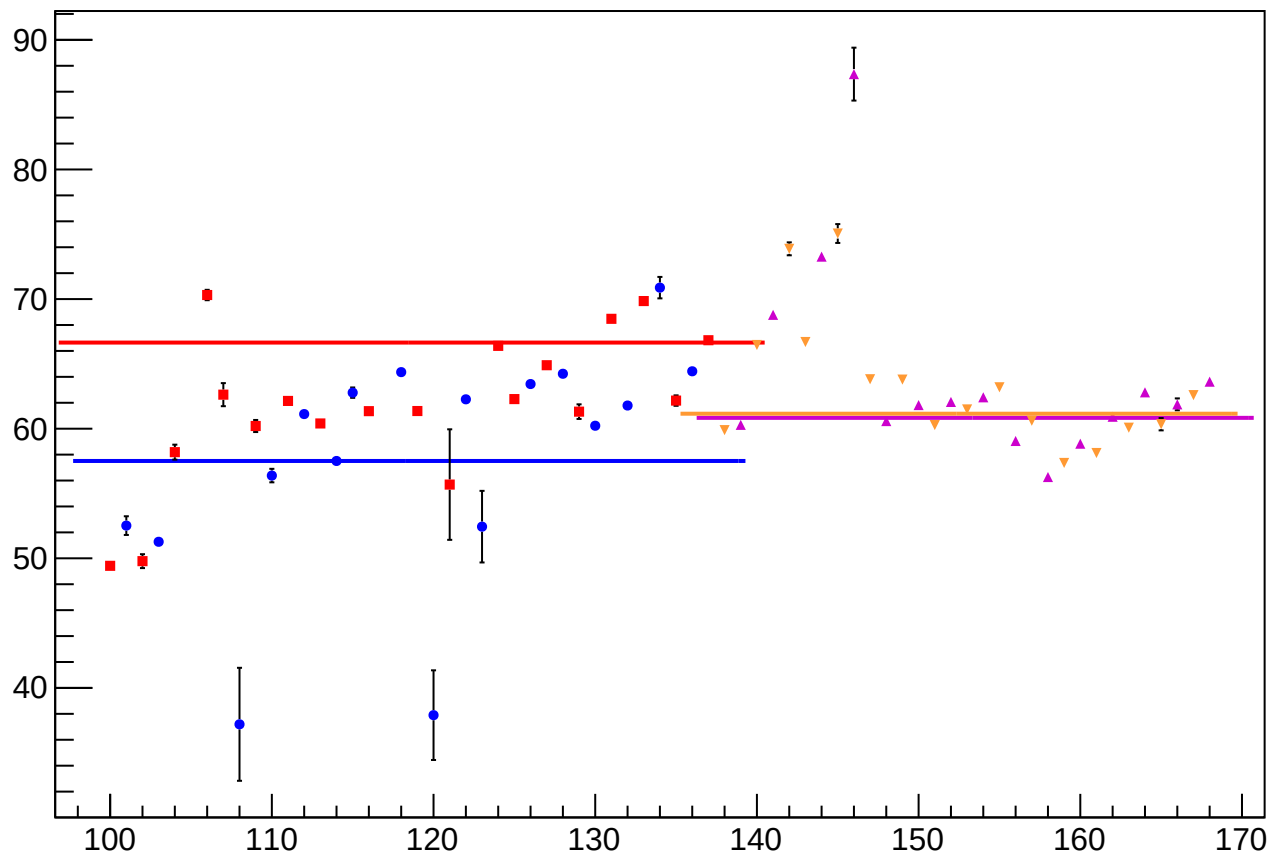
Left In: -12.101 $\pm$ 0.002 χ^2 /NDF: 29498.8/14

+ sign -10.092 $\pm$ 0.000 χ^2 /NDF: 1752685.6/32

All: -10.092 $\pm$ 0.000 χ^2 /NDF: 3503893.9/66

- sign -12.179 $\pm$ 0.002 χ^2 /NDF: 142555.9/33

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 χ^2/NDF : 8108.6/16

Left Out: 61.156 ± 0.045 χ^2/NDF : 5234.0/15

Right Out: 66.645 ± 0.013 χ^2/NDF : 8163.8/18

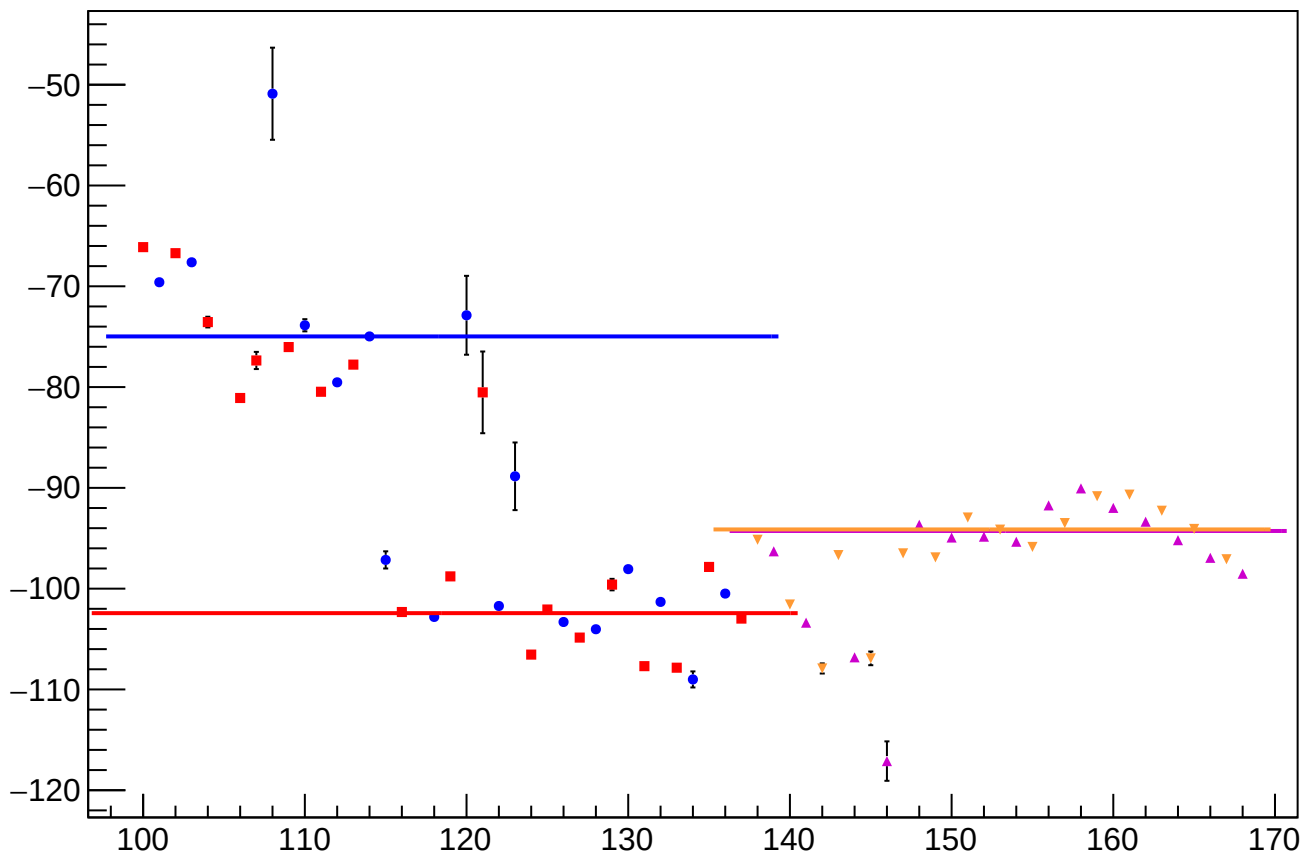
Left In: 60.837 ± 0.037 χ^2/NDF : 5860.3/14

+ sign 57.510 ± 0.000 χ^2/NDF : 19954.3/32

All: 57.510 ± 0.000 χ^2/NDF : 530321.3/66

- sign 65.994 ± 0.012 χ^2/NDF : 36151.2/33

dit_sam8_4eX_slope vs Slug



Right In: -74.974 $\pm$ 0.000 χ^2 /NDF: 130544.0/16

Left Out: -94.124 $\pm$ 0.045 χ^2 /NDF: 5120.7/15

Right Out: -102.430 $\pm$ 0.018 χ^2 /NDF: 50377.5/18

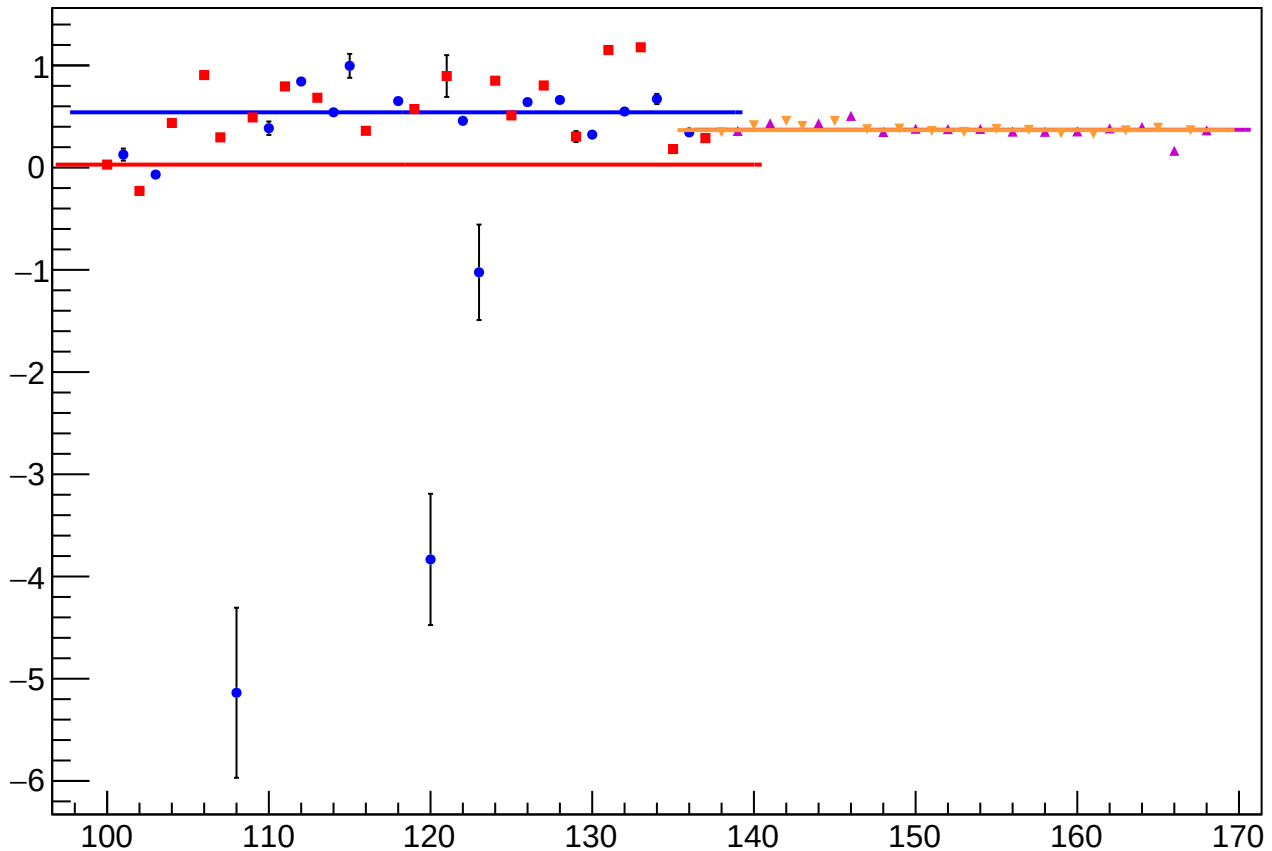
Left In: -94.278 $\pm$ 0.037 χ^2 /NDF: 6687.0/14

+ sign -74.974 $\pm$ 0.000 χ^2 /NDF: 318181.5/32

All: -74.974 $\pm$ 0.000 χ^2 /NDF: 3020317.9/66

- sign -100.909 $\pm$ 0.016 χ^2 /NDF: 96156.9/33

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 ± 0.000 χ^2/NDF : 29180.5/16

Left Out: 0.367 ± 0.000 χ^2/NDF : 3055.9/15

Right Out: 0.030 ± 0.000 χ^2/NDF : 121659.5/18

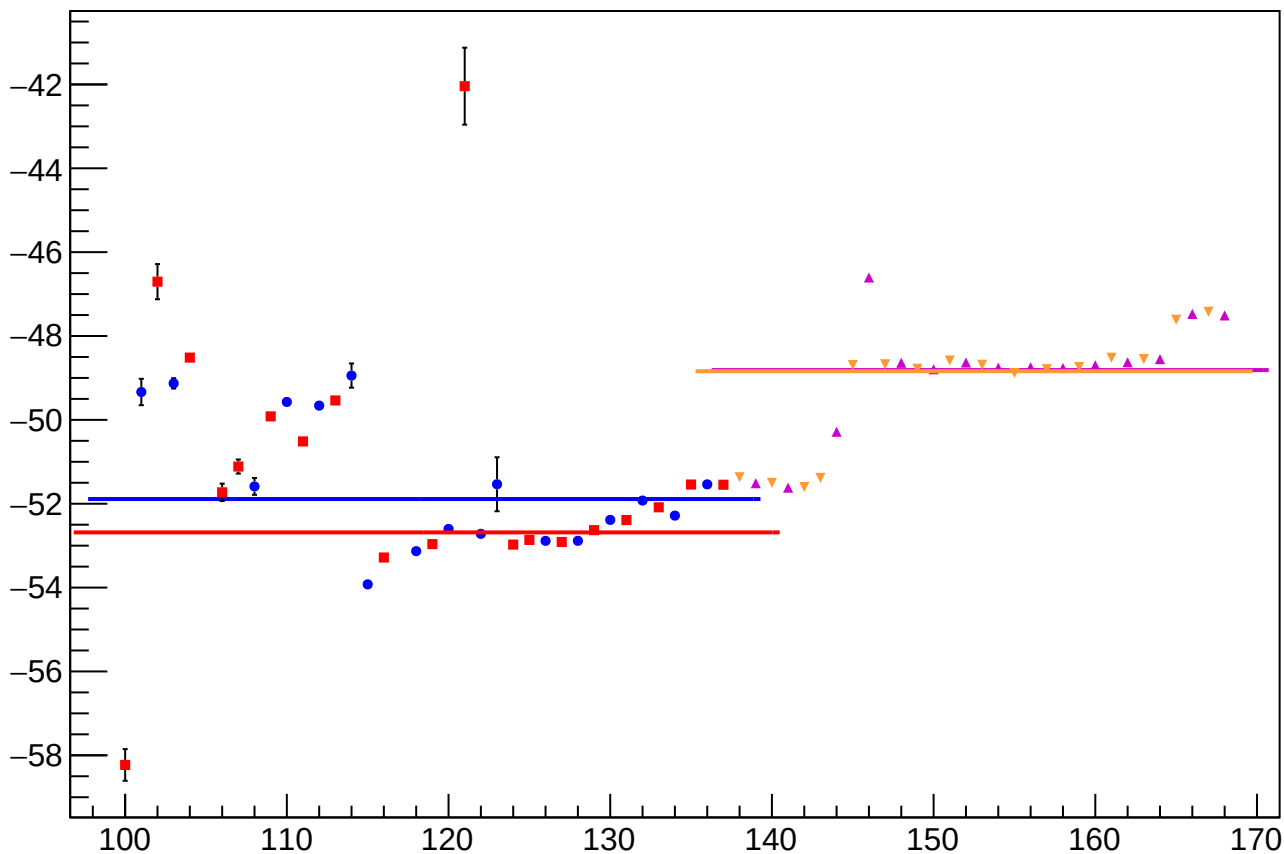
Left In: 0.371 ± 0.000 χ^2/NDF : 5063.1/14

+ sign 0.541 ± 0.000 χ^2/NDF : 195889.4/32

All: 0.030 ± 0.000 χ^2/NDF : 23314297700963

- sign 0.030 ± 0.000 χ^2/NDF : 1229950.6/33

dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 χ^2/NDF : 77585.2/16

Left Out: -48.839 ± 0.001 χ^2/NDF : 440951.0/15

Right Out: -52.684 ± 0.003 χ^2/NDF : 56125.8/18

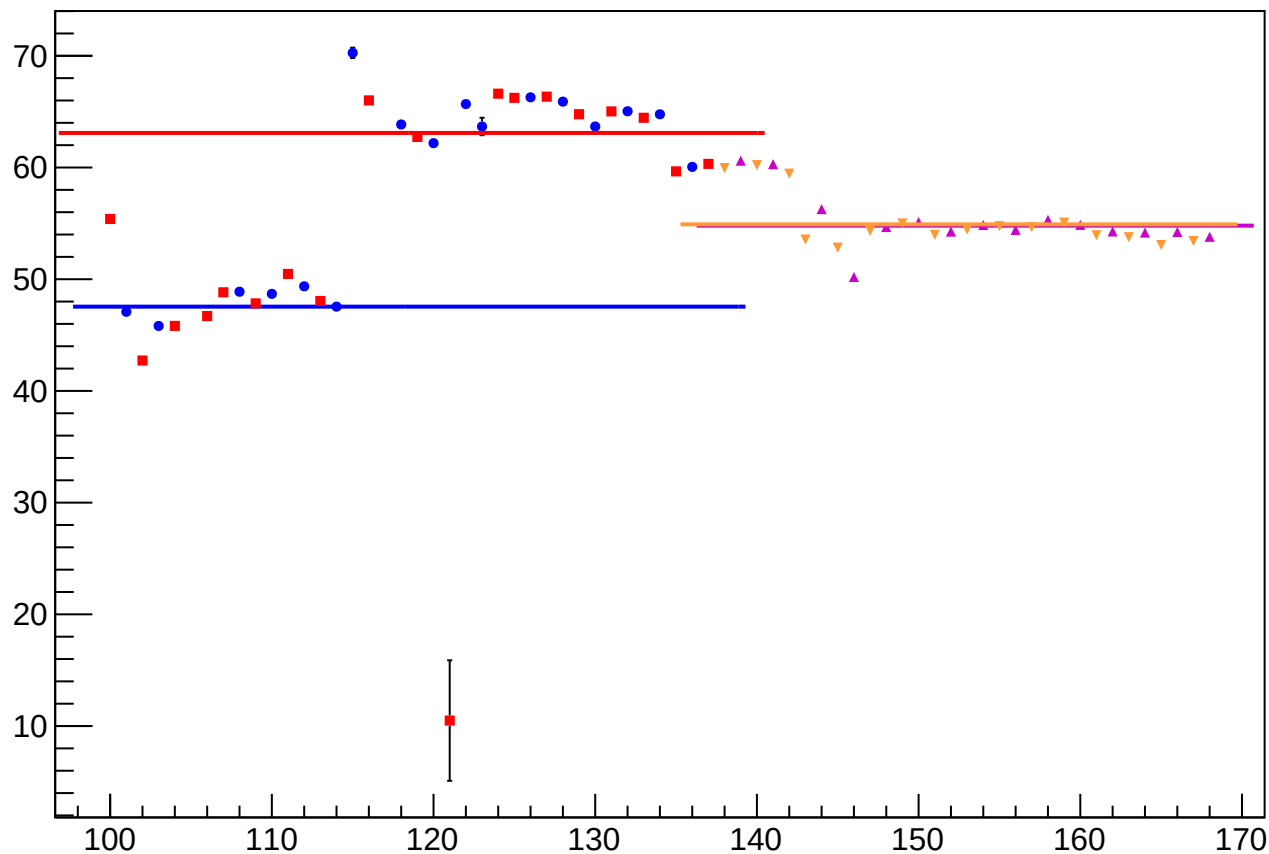
Left In: -48.813 ± 0.001 χ^2/NDF : 654796.1/14

+ sign -49.581 ± 0.001 χ^2/NDF : 1935240.2/32

All: -49.436 ± 0.001 χ^2/NDF : 4657976.8/66

- sign -49.330 ± 0.001 χ^2/NDF : 2692559.8/33

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 54.913 $\pm$ 0.003 χ^2 /NDF: 261950.2/15

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

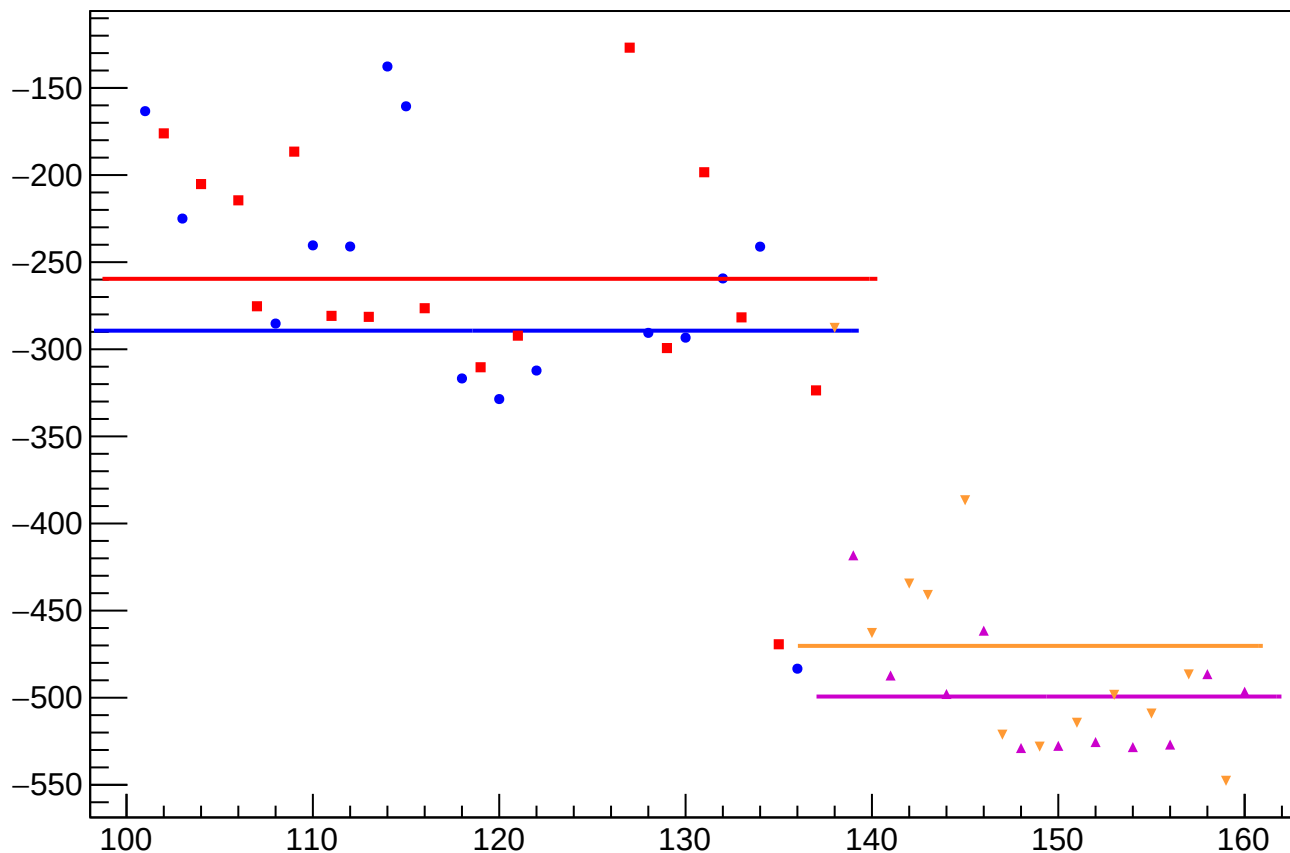
Left In: 54.796 $\pm$ 0.003 χ^2 /NDF: 85499.6/14

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9133953.9/32

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 21029348.1/66

- sign 55.762 $\pm$ 0.003 χ^2 /NDF: 1508999.7/33

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

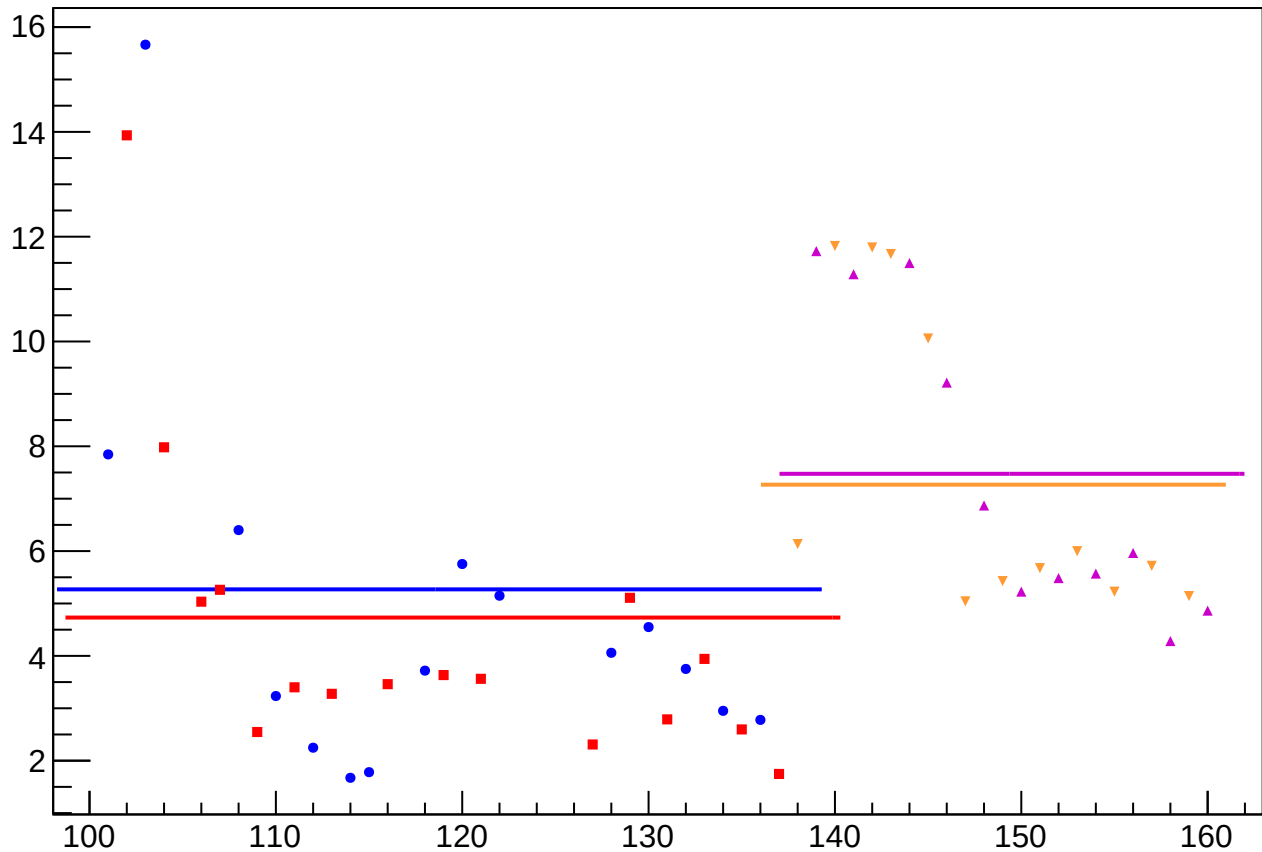
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ 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

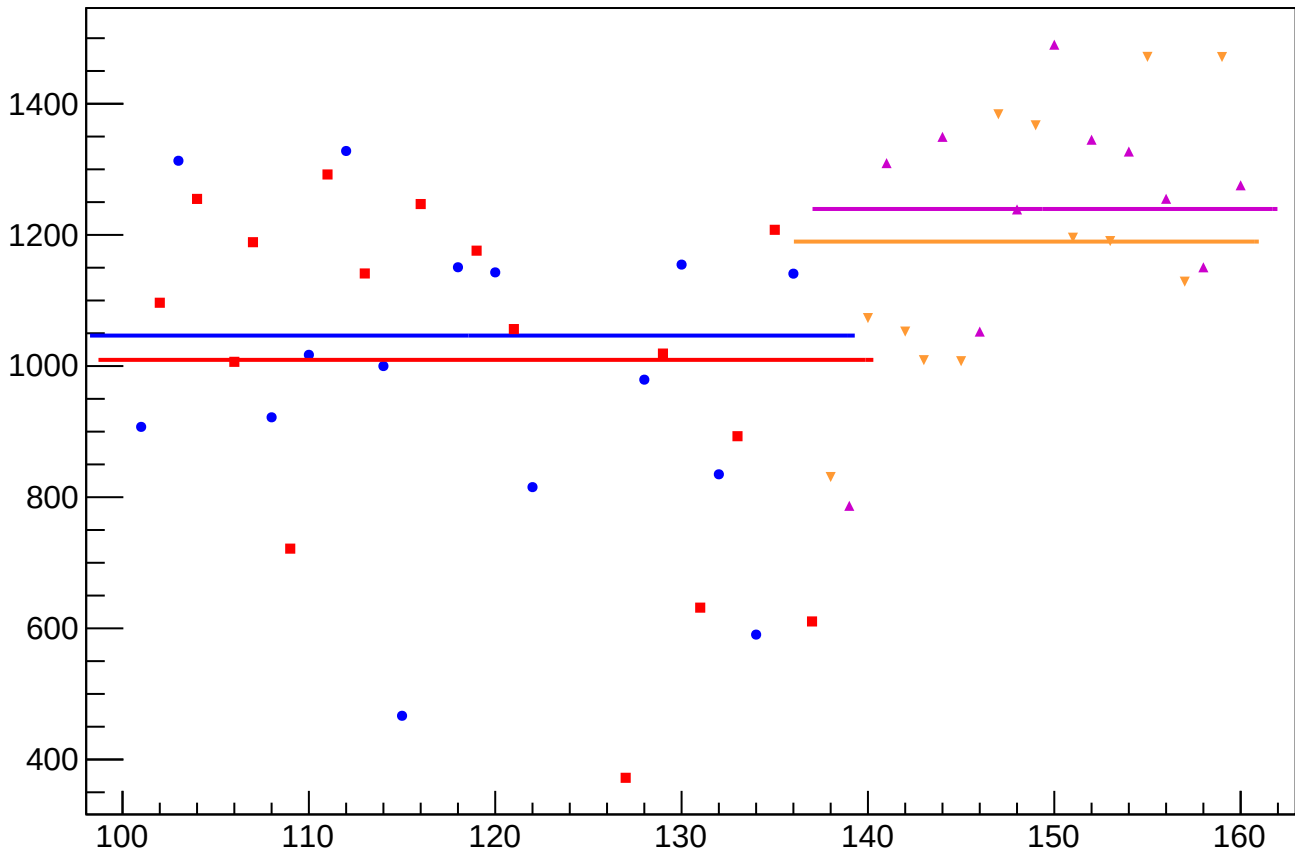
Left In: 7.475+/-0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

+ 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

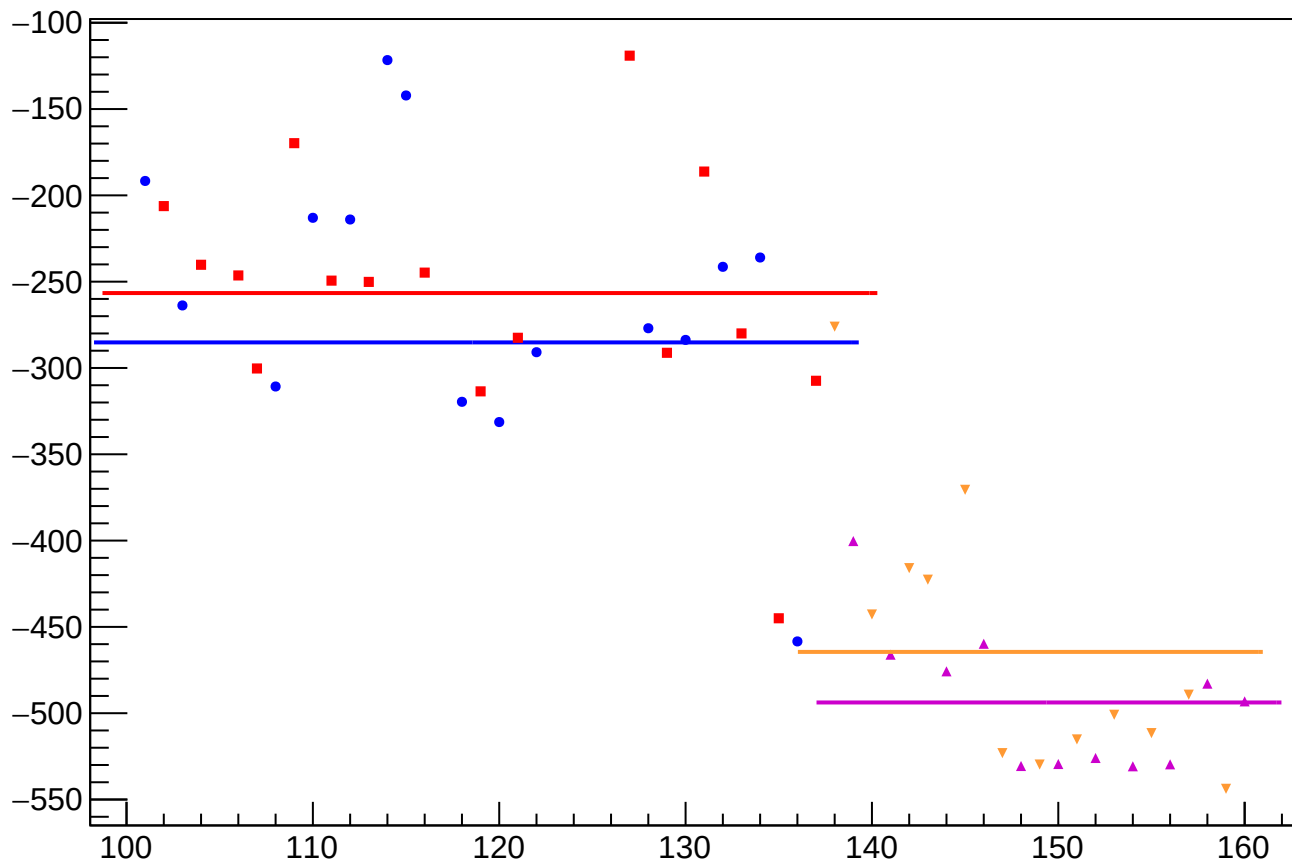
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -464.487+/-0.000 χ^2/NDF : 5412512273744603577474879660526403584.0/11

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

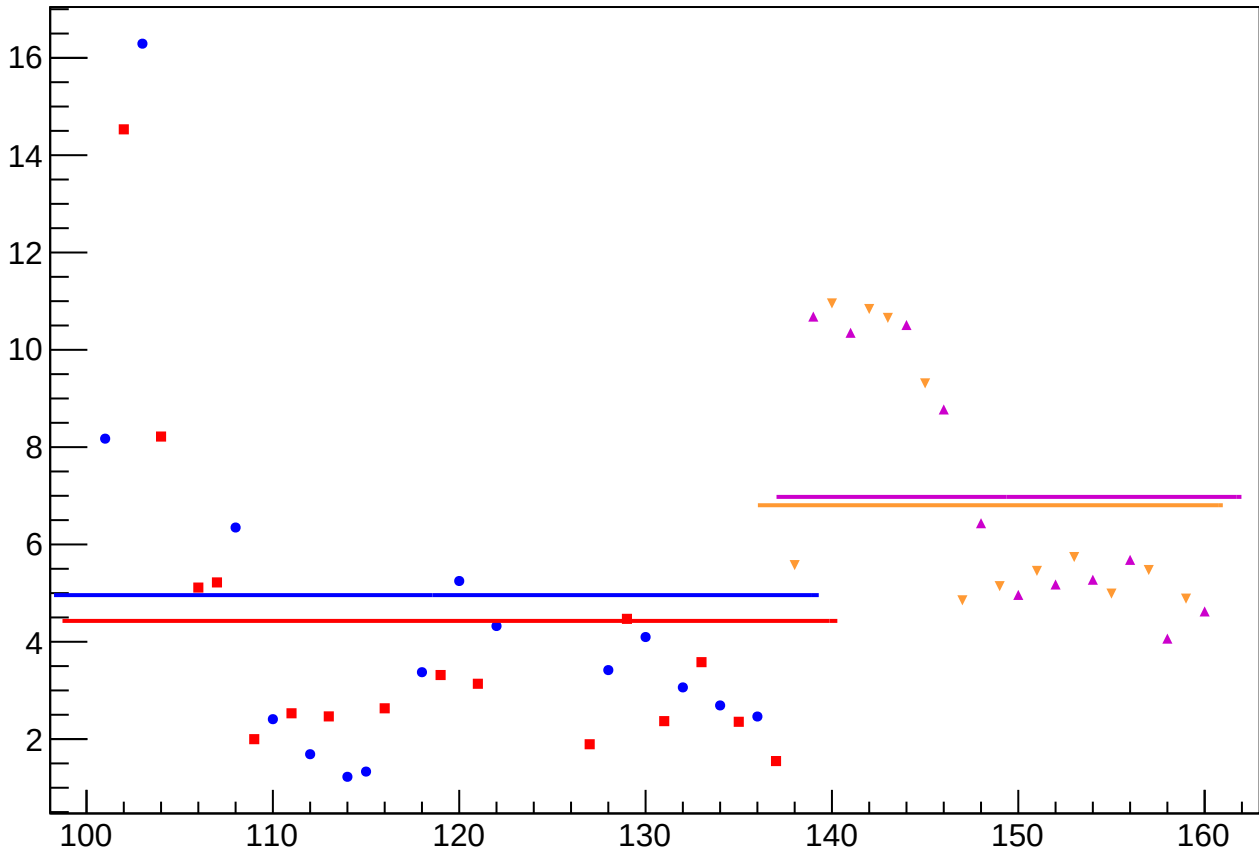
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ sign -390.179+/-0.000 χ^2/NDF : 22109661045949

All: -392.279+/-0.000 χ^2/NDF : 49014873781

- sign -394.346+/-0.000 χ^2/NDF : 268915126522349

dit_4eX_coil1_err_mean vs Slug



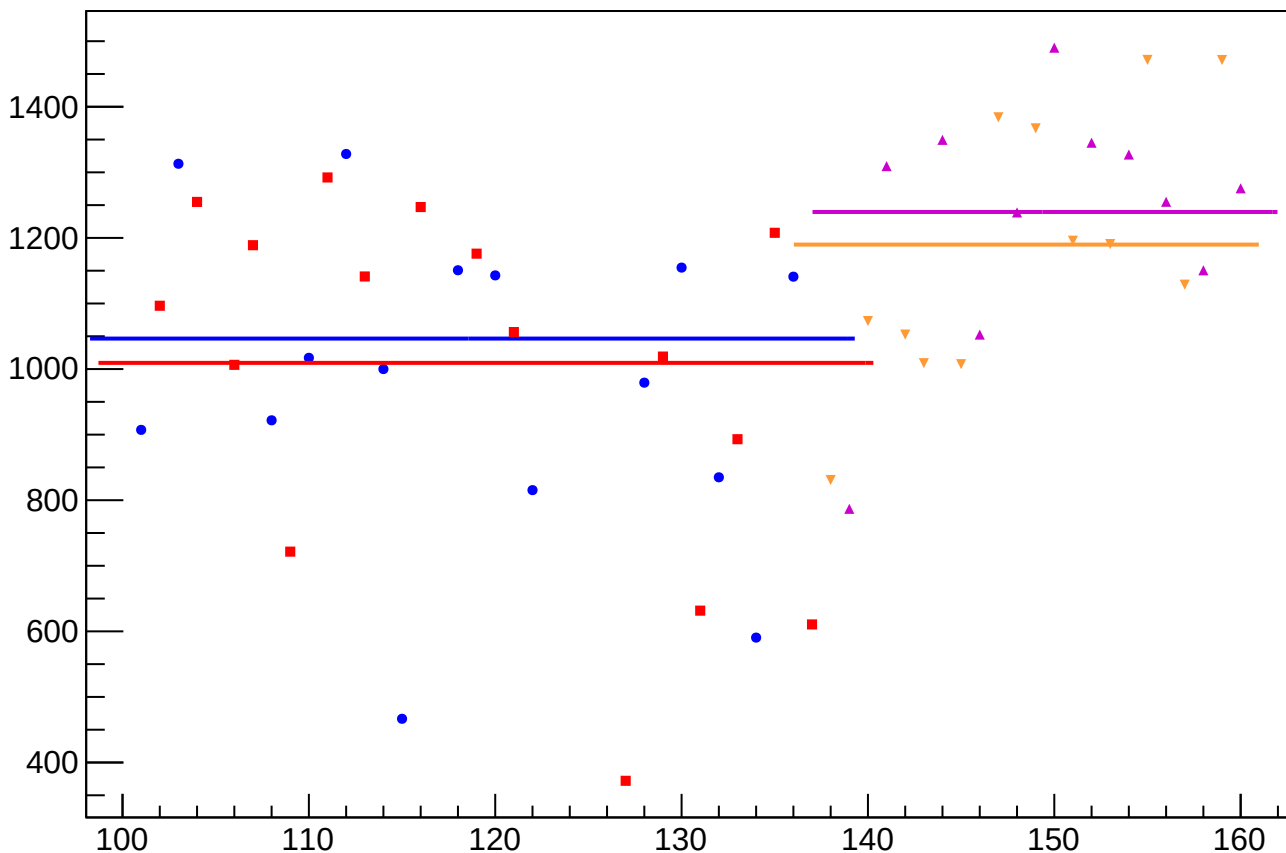
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 6.806+/-0.000 χ^2/NDF : 5243464744446974431083540143669248.0/11

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 6.978+/-0.000 χ^2/NDF : 5622697014277754941158413236699136.0/10

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

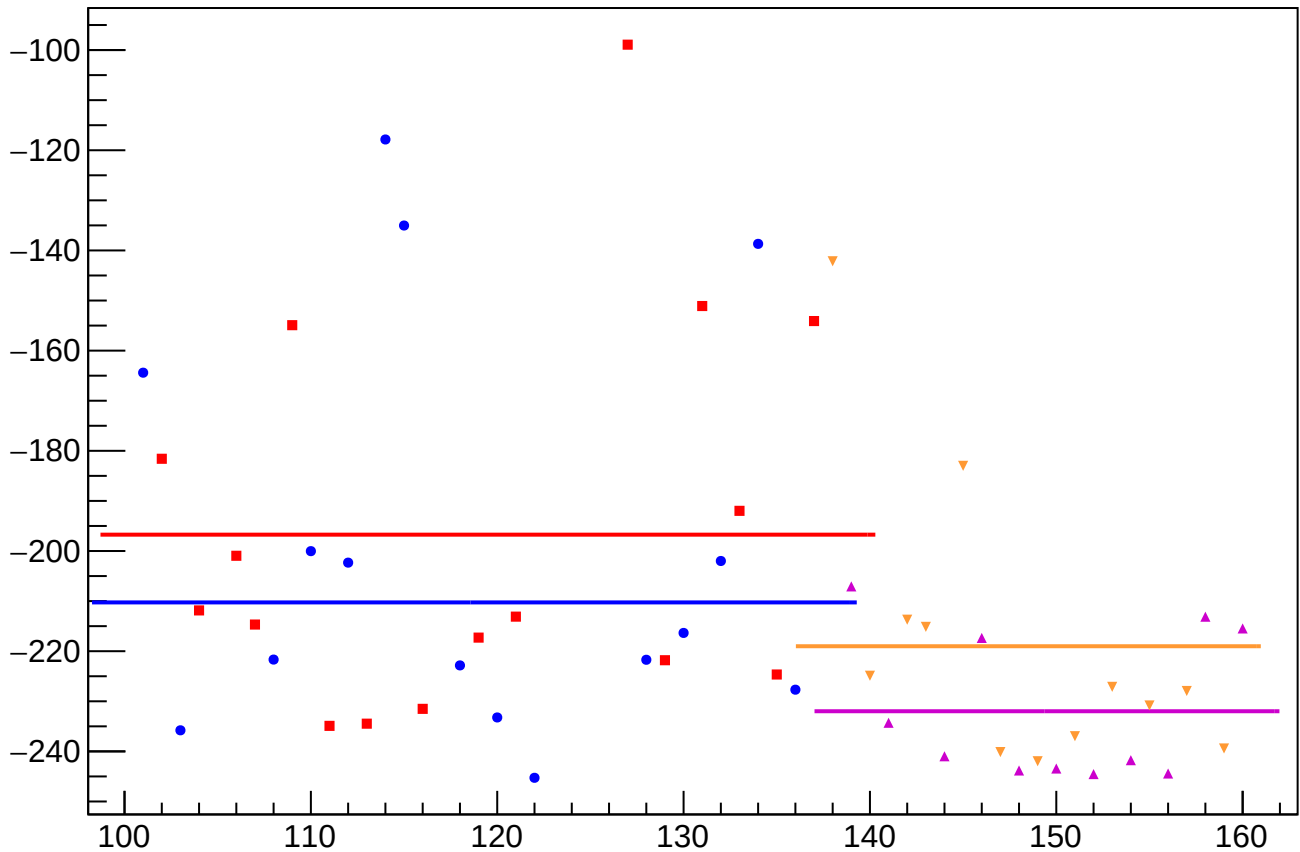
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

All: 1136.802+/-0.000 χ^2/NDF : 16251853607

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -219.010+/-0.000 χ^2/NDF : 731132234342099268900131615977504768.0/11

Right Out: -196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

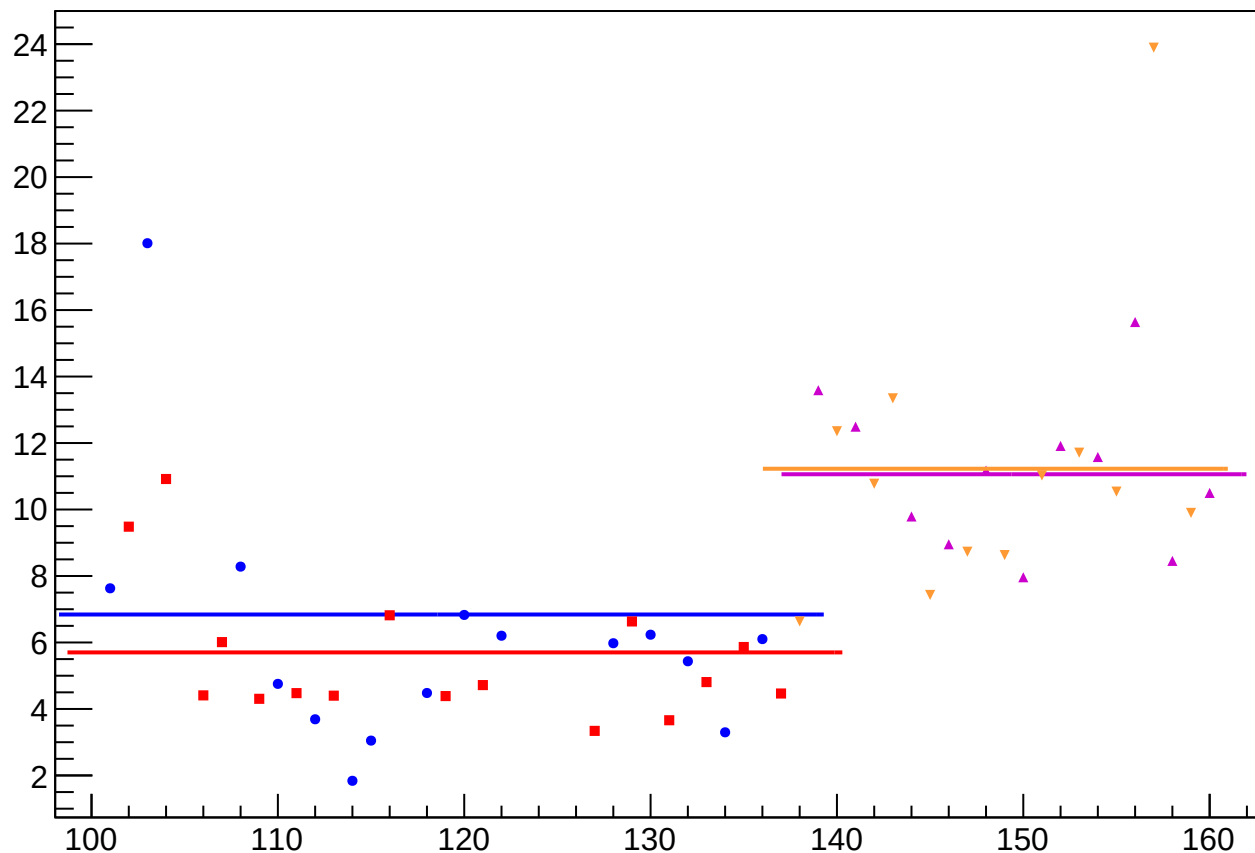
Left In: -231.985+/-0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ sign -215.384+/-0.000 χ^2/NDF : 13279306156099

All: -216.303+/-0.000 χ^2/NDF : 29044263069

- sign -217.208+/-0.000 χ^2/NDF : 157387232918828

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000

χ^2/NDF : 9355934166823324467316647620771840.0/14

Left Out: 11.226+/-0.000

χ^2/NDF : 17157831728505810554543577208193024.0/11

Right Out: 5.701+/-0.000

χ^2/NDF : 3174693398300953393137731791486976.0/15

Left In: 11.061+/-0.000

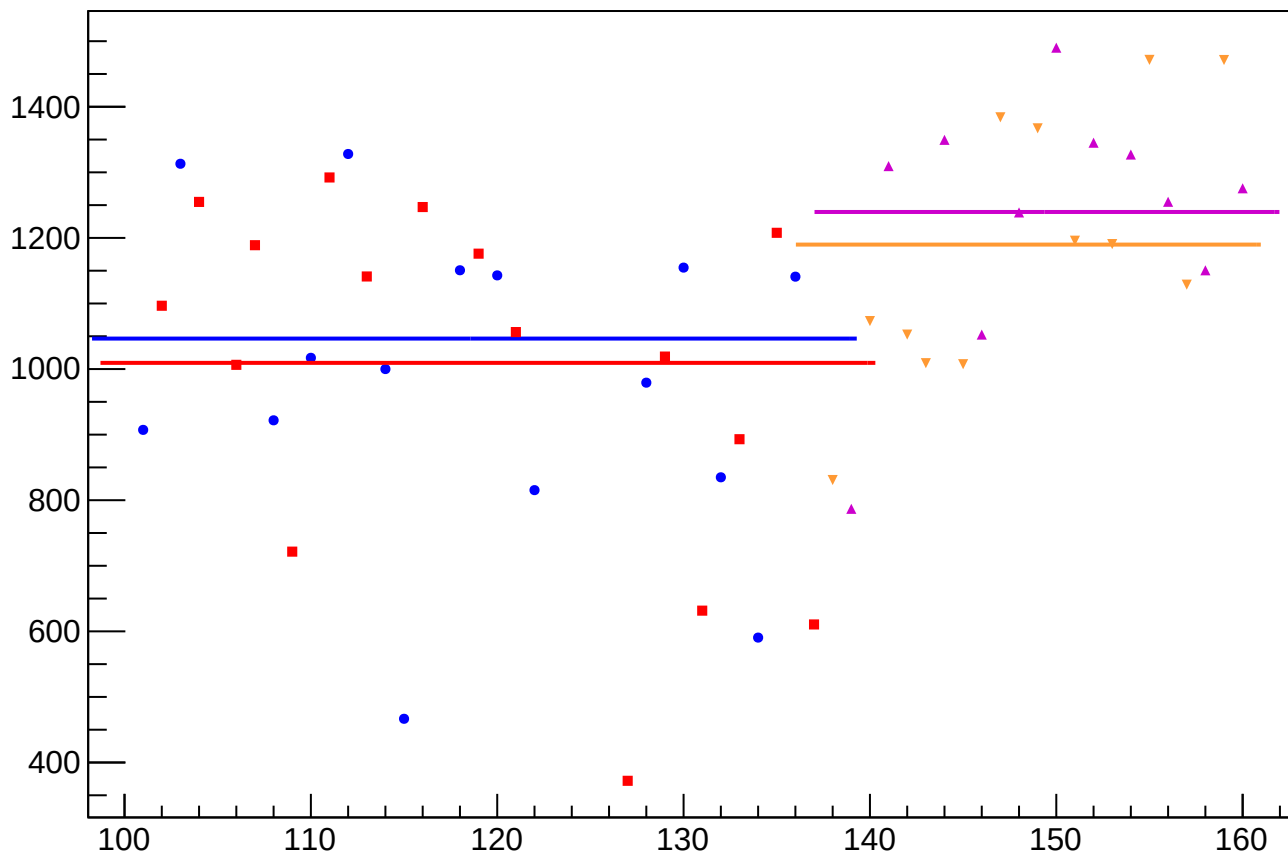
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ sign 9.409+/-0.000 χ^2/NDF : 33820545857638071

All: 9.109+/-0.000 χ^2/NDF : 52820169055963

- sign 8.814+/-0.000 χ^2/NDF : 18719955384548476

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-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

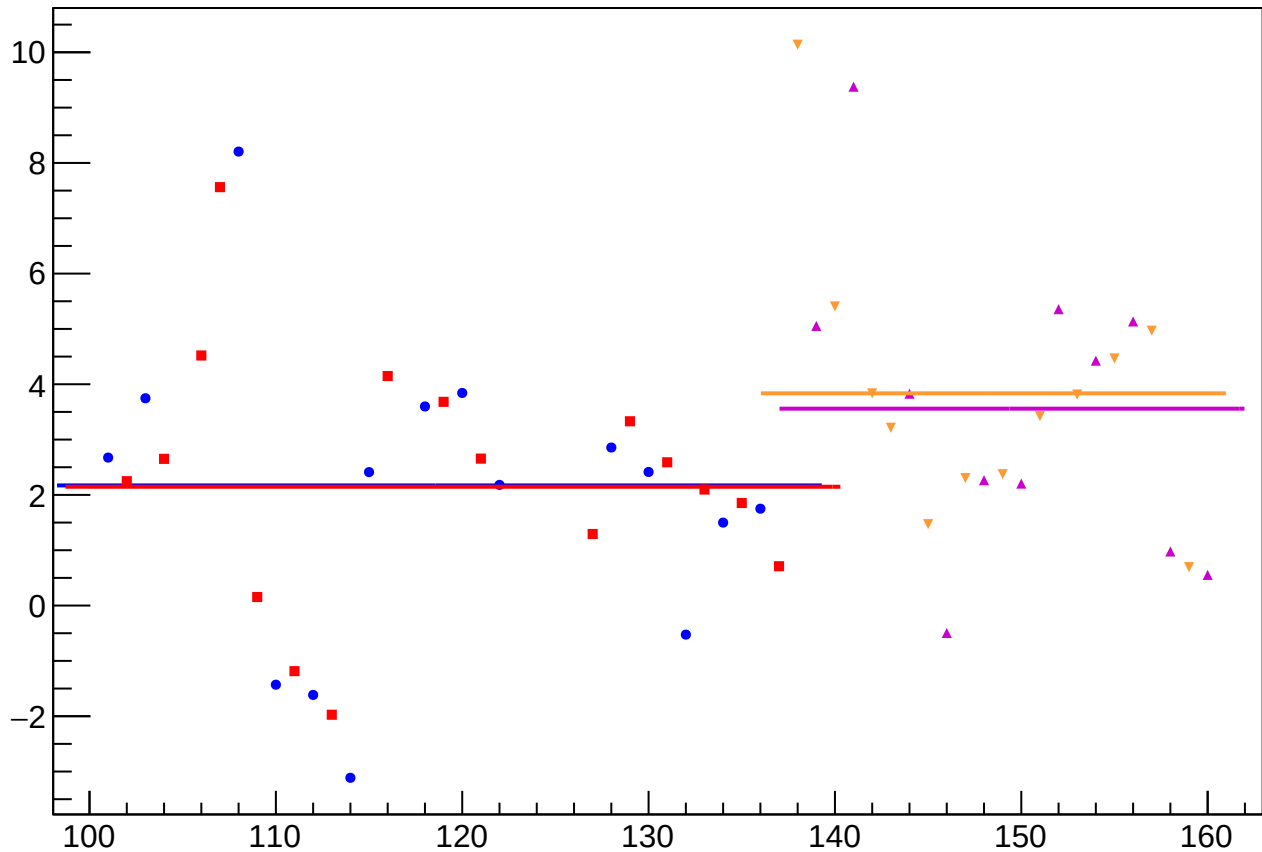
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

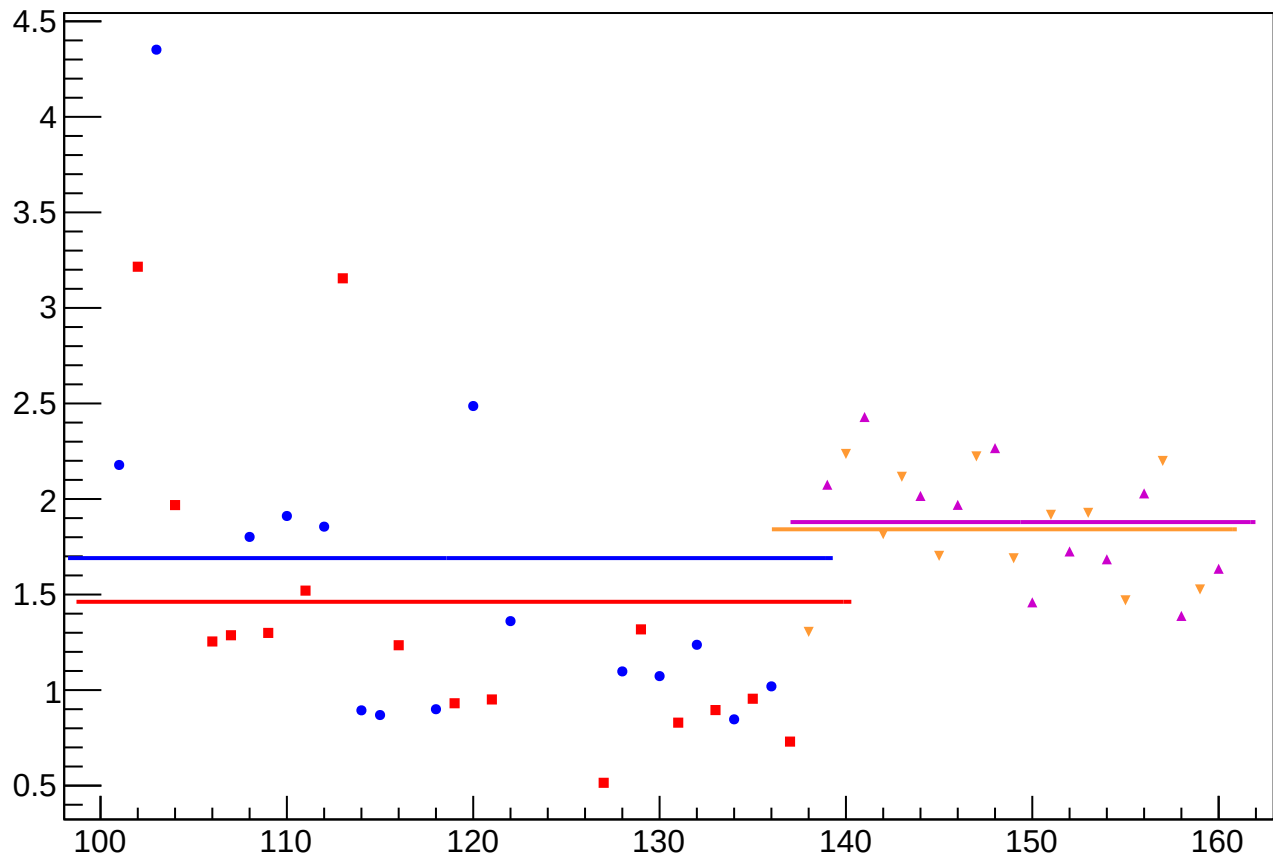
dit_4aY_coil1_mean vs Slug



Right In: 2.171 ± 0.000 $\chi^2/\text{NDF}: 3599819246909975678410499691642880.0/14$
 Left Out: 3.836 ± 0.000 $\chi^2/\text{NDF}: 5077142493205652960507998024761344.0/11$
 Right Out: 2.148 ± 0.000 $\chi^2/\text{NDF}: 3093887336239378959606321931878400.0/15$
 Left In: 3.559 ± 0.000 $\chi^2/\text{NDF}: 6492667345109962540652165758713856.0/10$

+ sign 3.146 ± 0.000 $\chi^2/\text{NDF}: 97297479279386296$
 All: 3.056 ± 0.000 $\chi^2/\text{NDF}: 2011291704236$
 - sign 2.967 ± 0.000 $\chi^2/\text{NDF}: 10357923461678180$

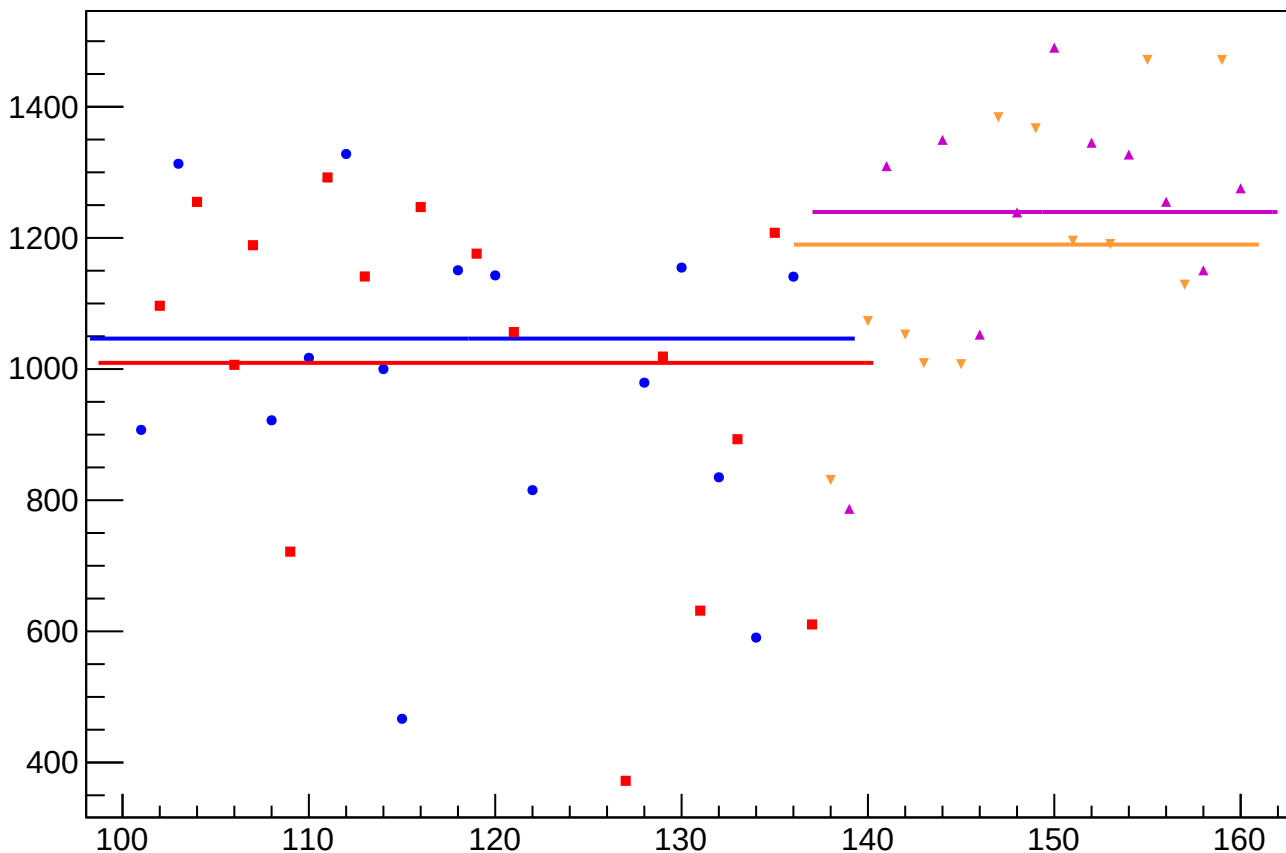
dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 612163393317609859674079412355072.0/14
 Left Out: 1.841 $\pm$ 0.000 χ^2 /NDF: 85338663213371601399207847526400.0/11
 Right Out: 1.462 $\pm$ 0.000 χ^2 /NDF: 444384511662519040022371754835968.0/15
 Left In: 1.879 $\pm$ 0.000 χ^2 /NDF: 90968052268112309617342982127616.0/10

+ sign 1.779 $\pm$ 0.000 χ^2 /NDF: 70613055428454118
 All: 1.741 $\pm$ 0.000 χ^2 /NDF: 13132966674058
 - sign 1.704 $\pm$ 0.000 χ^2 /NDF: 60277351909397025

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

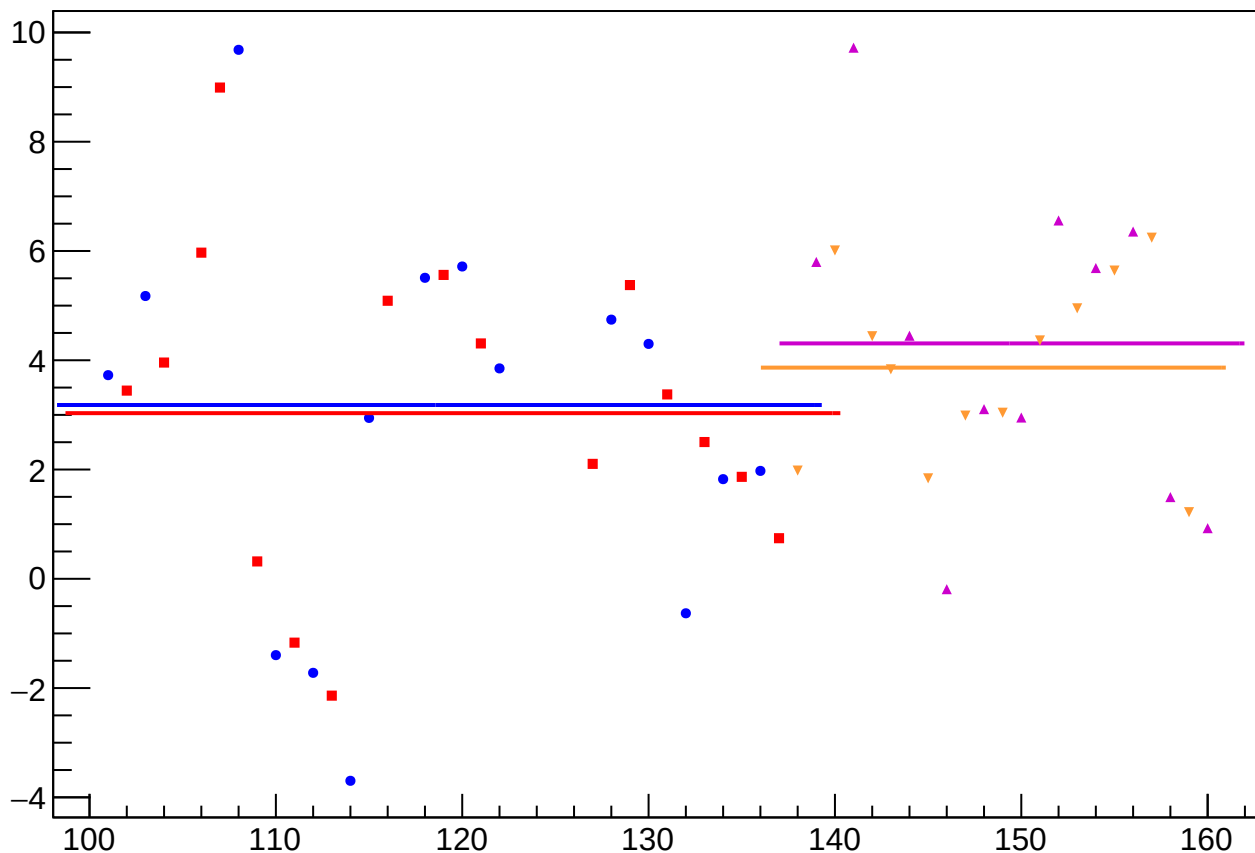
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

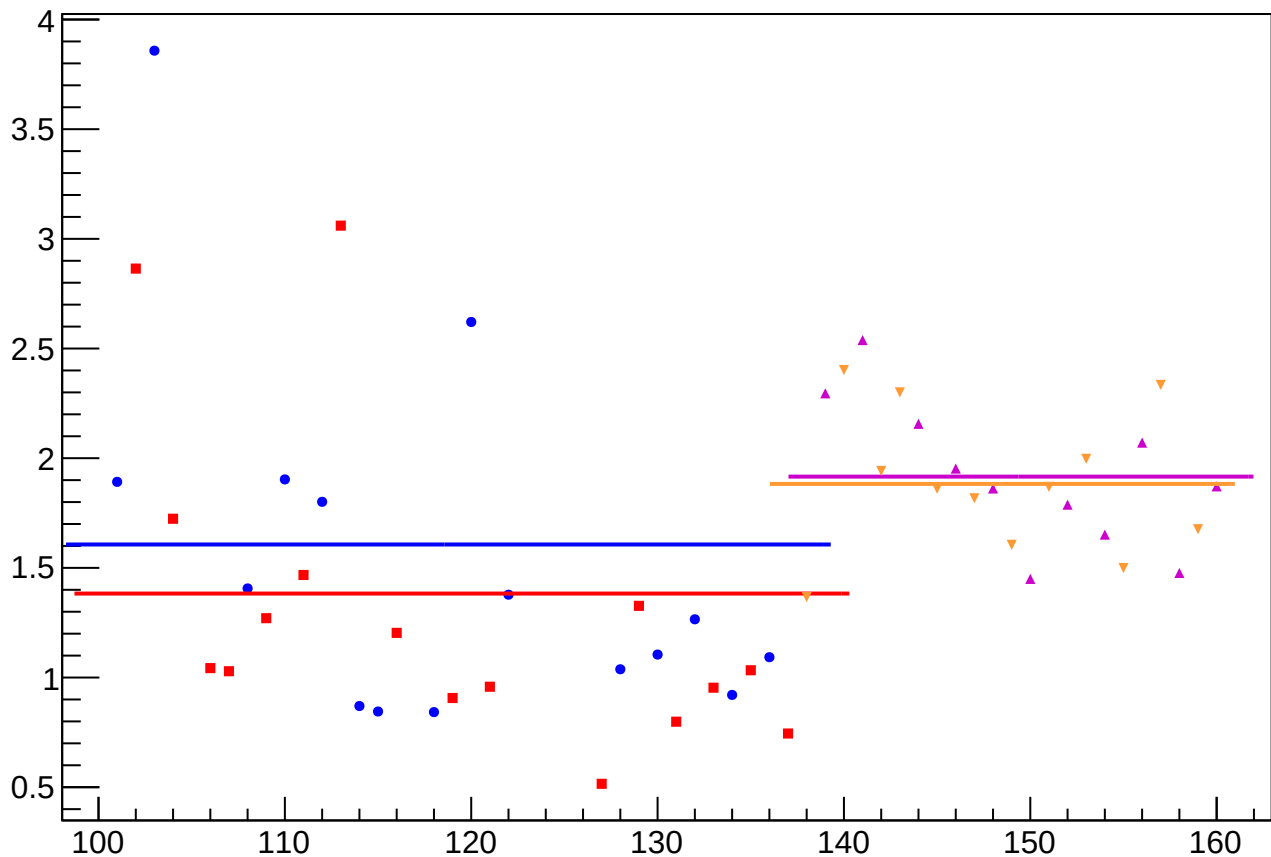
All: 1136.802+/-0.000 χ^2/NDF : 16251853607.0/10

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF : 5833303227868252617704566394191872.0/14
 Left Out: 3.865+/-0.000 χ^2/NDF : 2498021792424542817214204578103296.0/11
 Right Out: 3.032+/-0.000 χ^2/NDF : 4937209831371793945496546833334272.0/15
 Left In: 4.308+/-0.000 χ^2/NDF : 7073495667694280351803168107003904.0/10

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF : 460949628640148184181205735833600.0/14

Left Out: 1.883+/-0.000 χ^2/NDF : 93981074591902245168022313500672.0/11

Right Out: 1.383+/-0.000 χ^2/NDF : 358348897016286200957650337792000.0/15

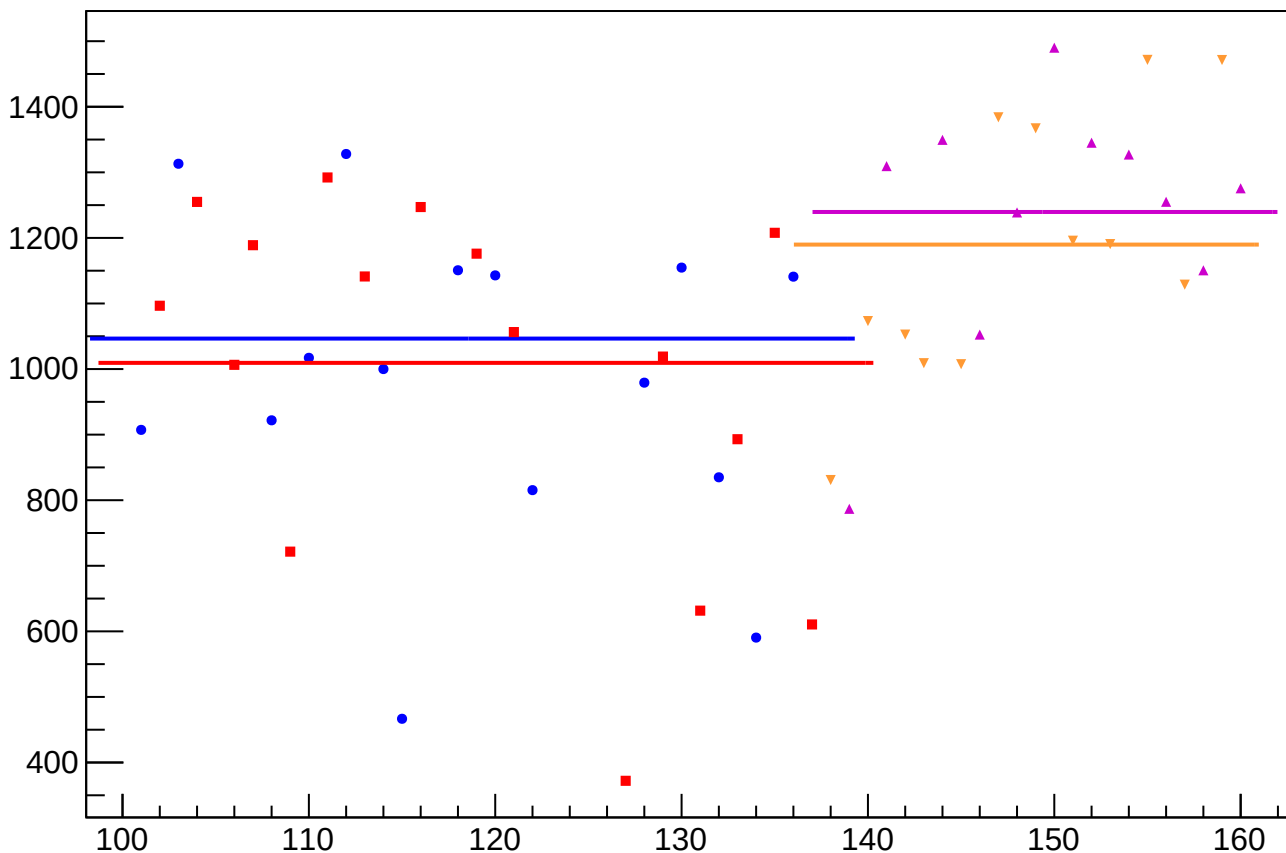
Left In: 1.916+/-0.000 χ^2/NDF : 95276515809016209875699691945984.0/10

+ sign 1.768+/-0.000 χ^2/NDF : 58390522381555336

All: 1.730+/-0.000 χ^2/NDF : 11521784061619

- sign 1.693+/-0.000 χ^2/NDF : 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

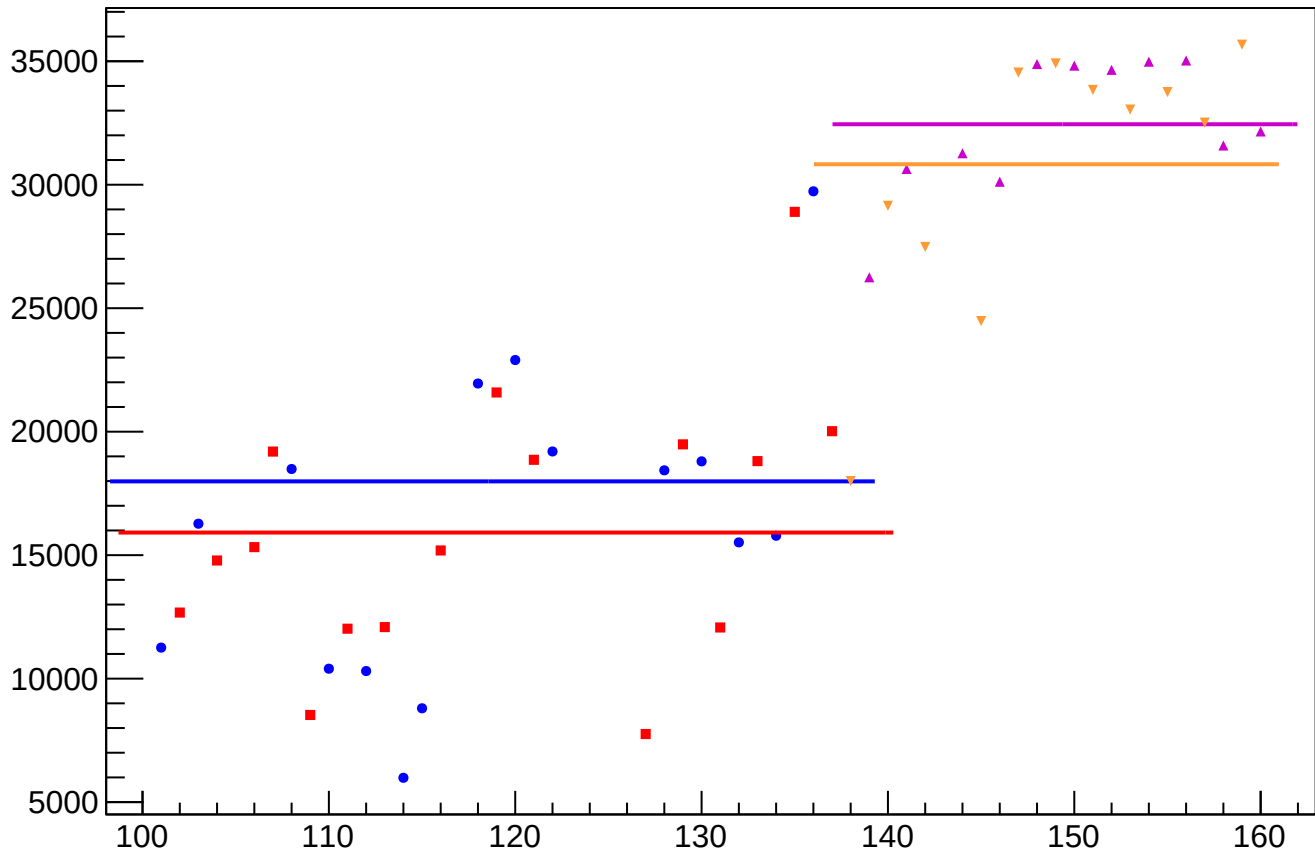
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1136.802+/-0.000 χ^2/NDF : 16251853607.0/40

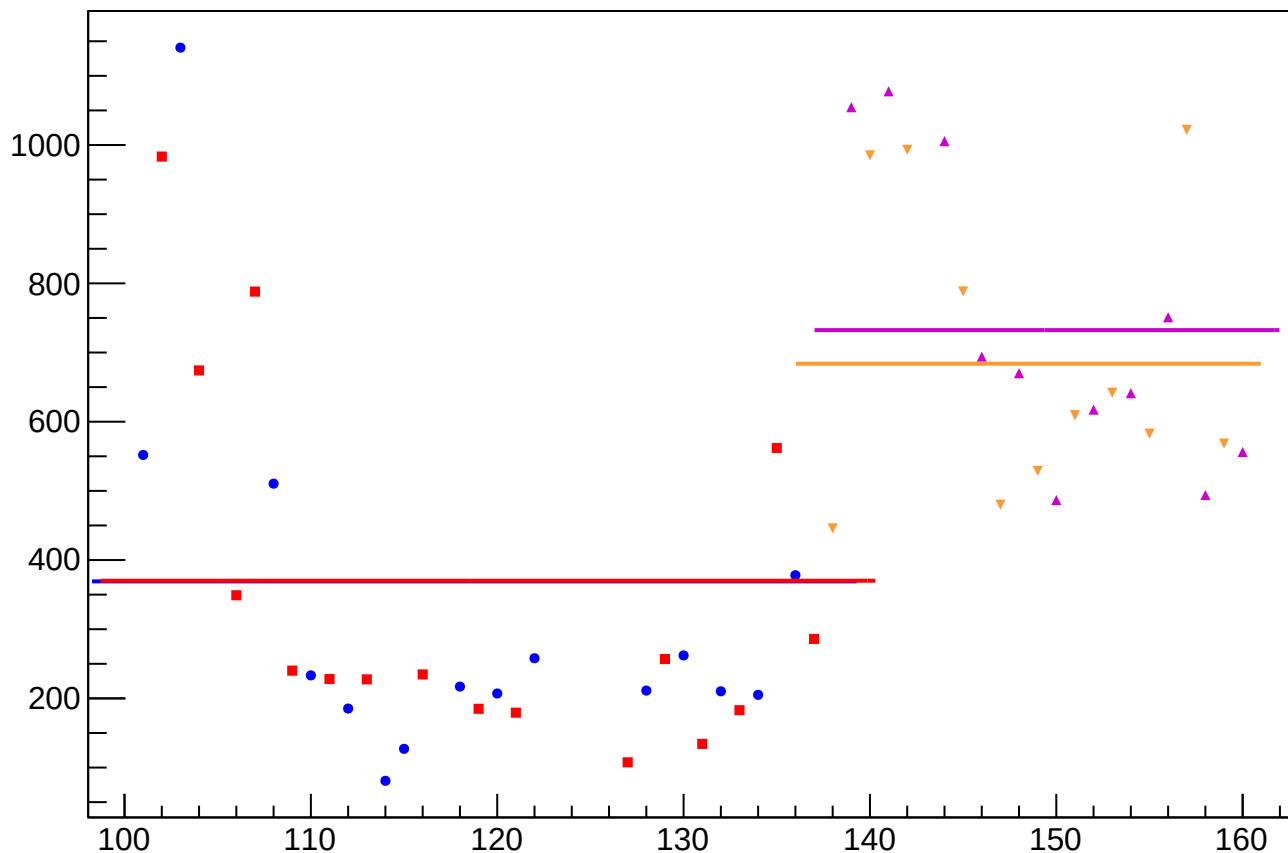
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 30828.996+/-0.000	χ^2/NDF : 23225941804061934913195205321671126810624.0/10
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 32448.675+/-0.000	χ^2/NDF : 6566176061380629796456552080625585094656.0/10

+ sign 25269.499+/-0.000 χ^2/NDF : 1087212427232
 All: 25397.091+/-0.000 χ^2/NDF : 2411788938
 - sign 25517.305+/-0.000 χ^2/NDF : 1324102555101

dit_usl_coil1_err_mean vs Slug



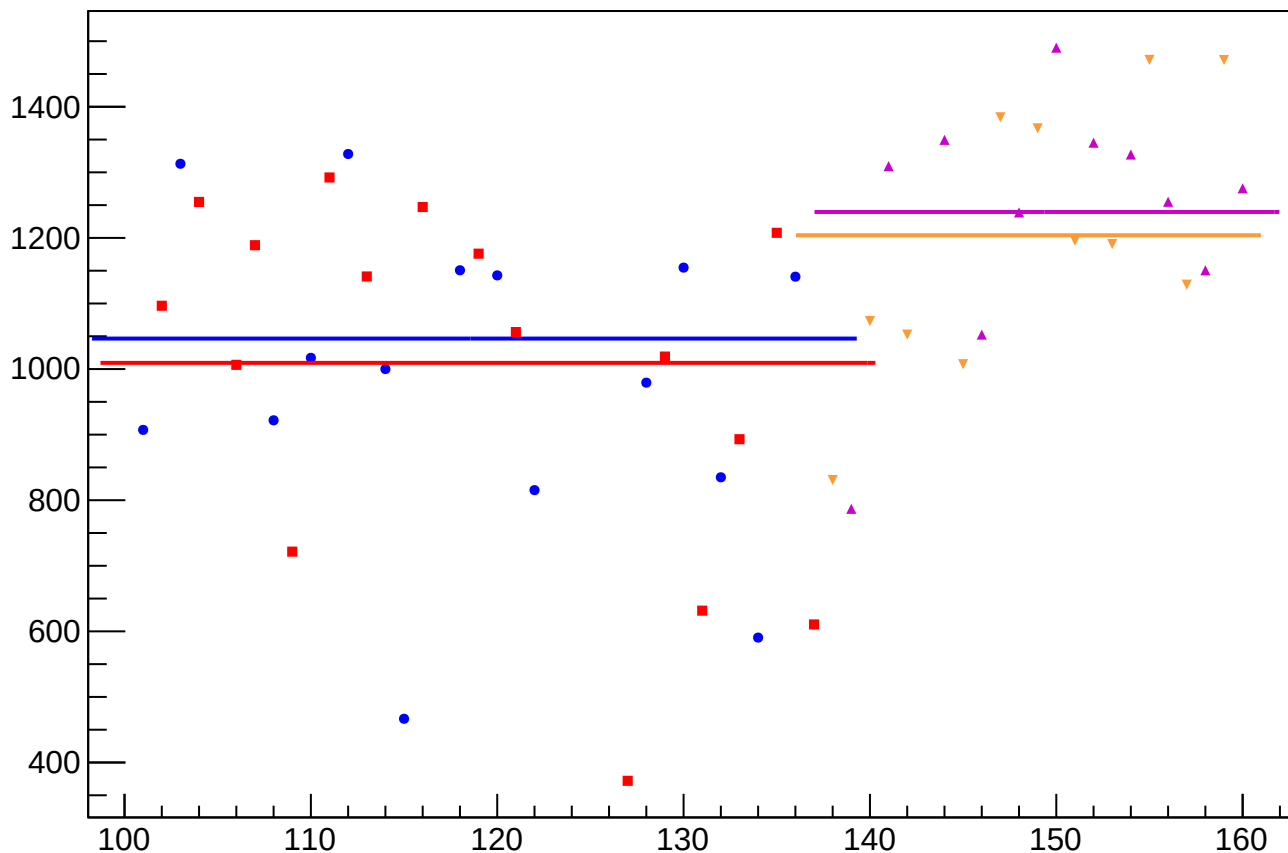
Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

Left Out: 683.818+/-0.000 χ^2/NDF : 33889213327859325358647069977975193600.0/10

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



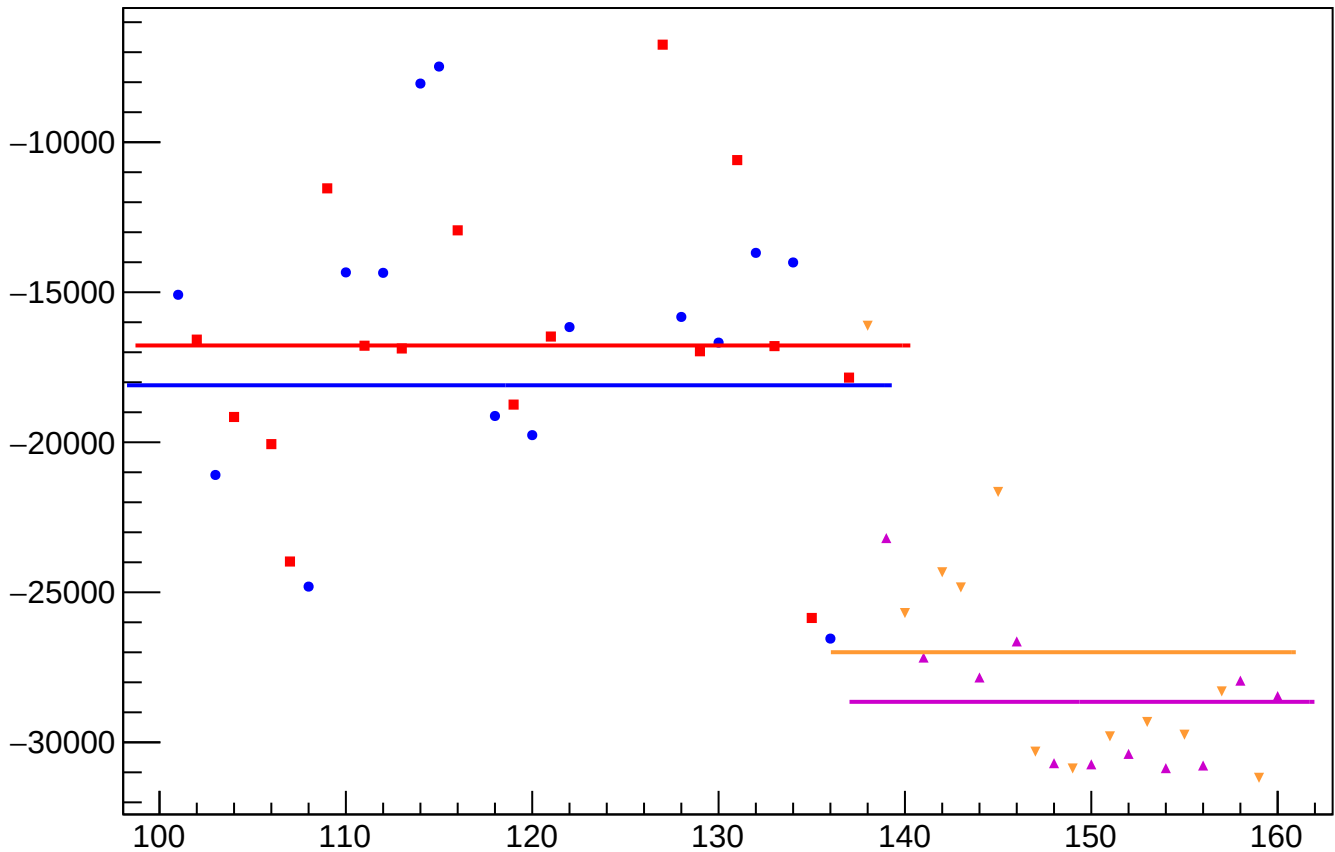
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1204.078+/-0.000 χ^2/NDF : 33123375714267646220347434218144399360.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

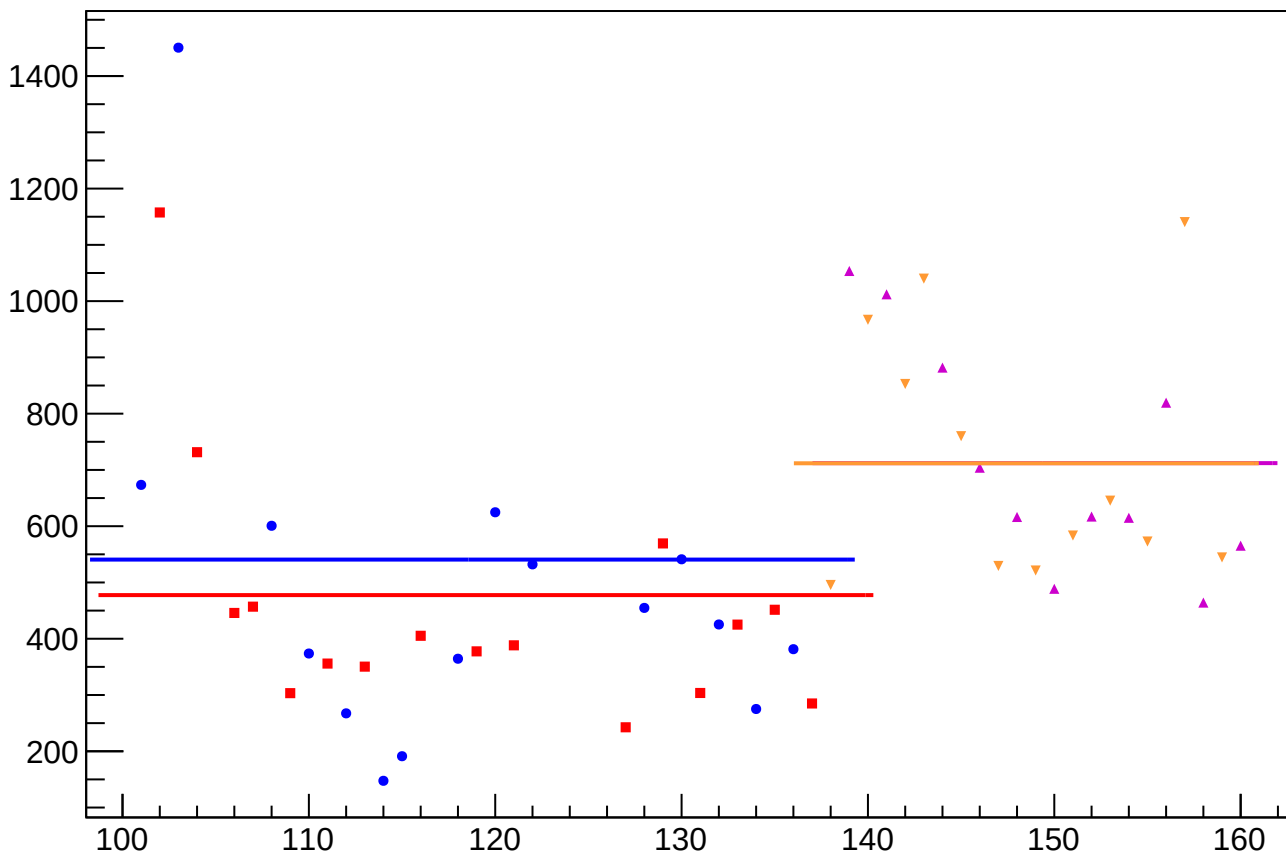
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left In: -28650.410+/-0.000 χ^2/NDF : 4838827535981080826725947474344765554688.0/10
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left Out: -26996.716+/-0.000 χ^2/NDF : 17646333216214404420096394486681509560320.0/11
 All: -23492.010+/-0.000 χ^2/NDF : 136175733
 + sign -23309.899+/-0.000 χ^2/NDF : 623572604420
 - sign -23671.259+/-0.000 χ^2/NDF : 7371541854107

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 711.811+/-0.000 χ^2/NDF : 42886755103535989888278439443042402304.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

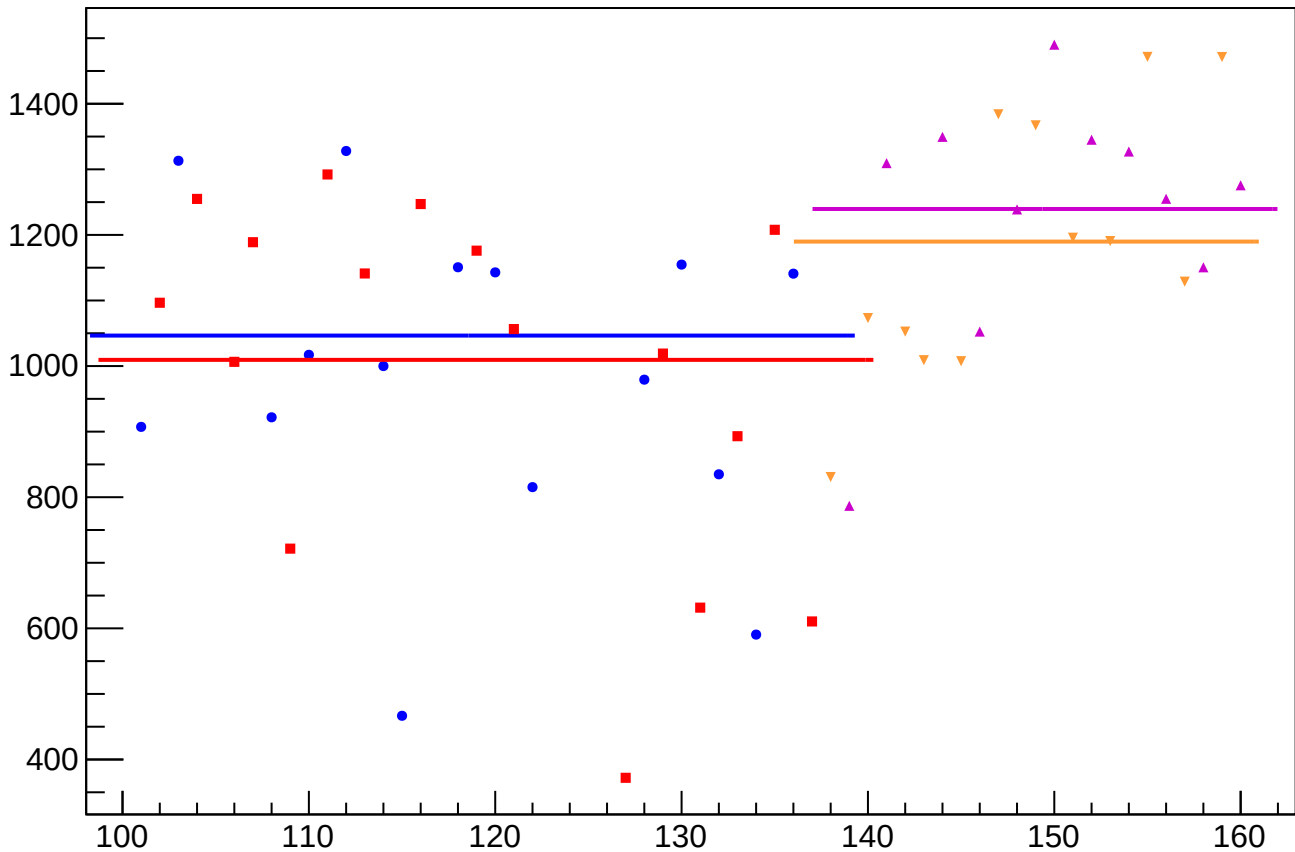
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 640.881+/-0.000 χ^2/NDF : 118565397303067

All: 627.215+/-0.000 χ^2/NDF : 213346191589

- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

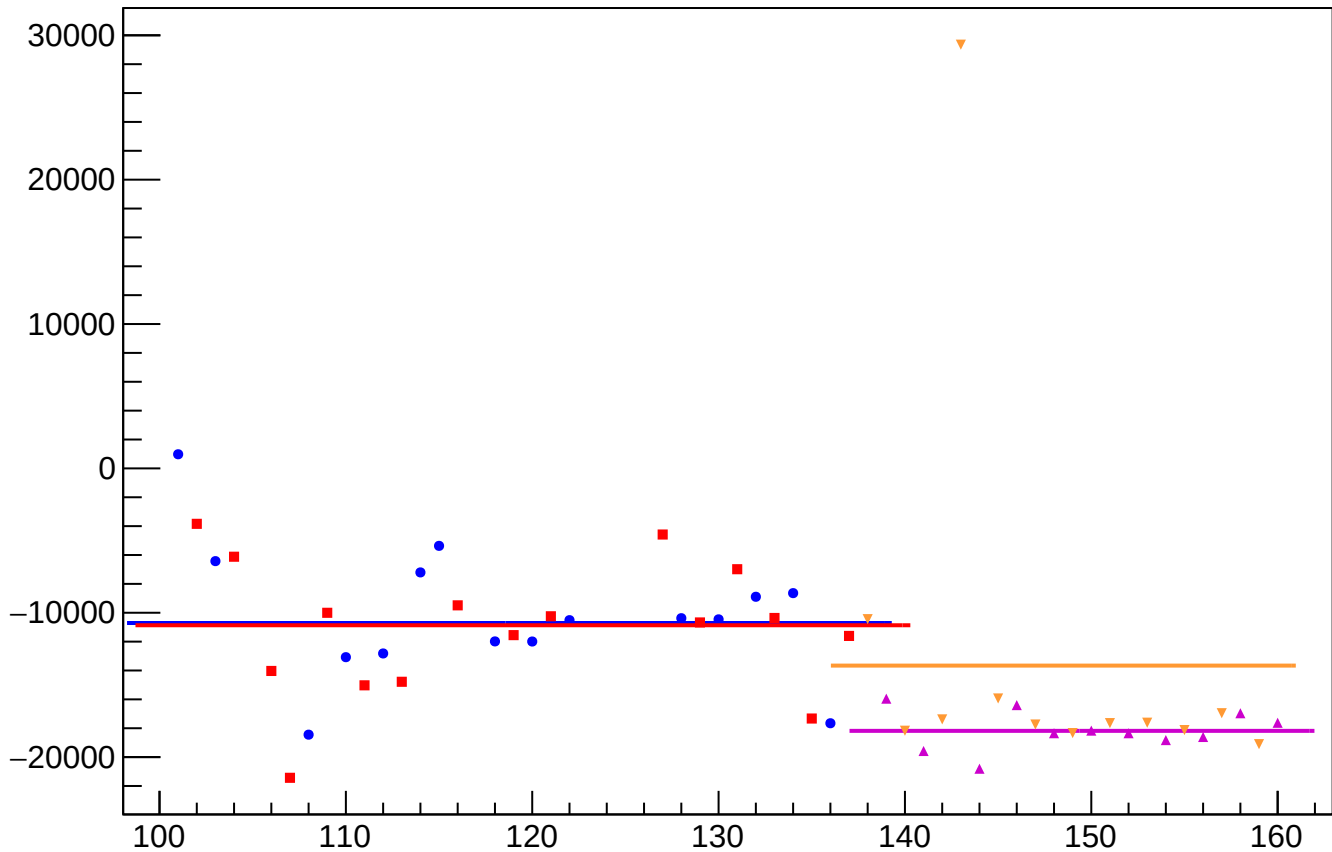
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

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

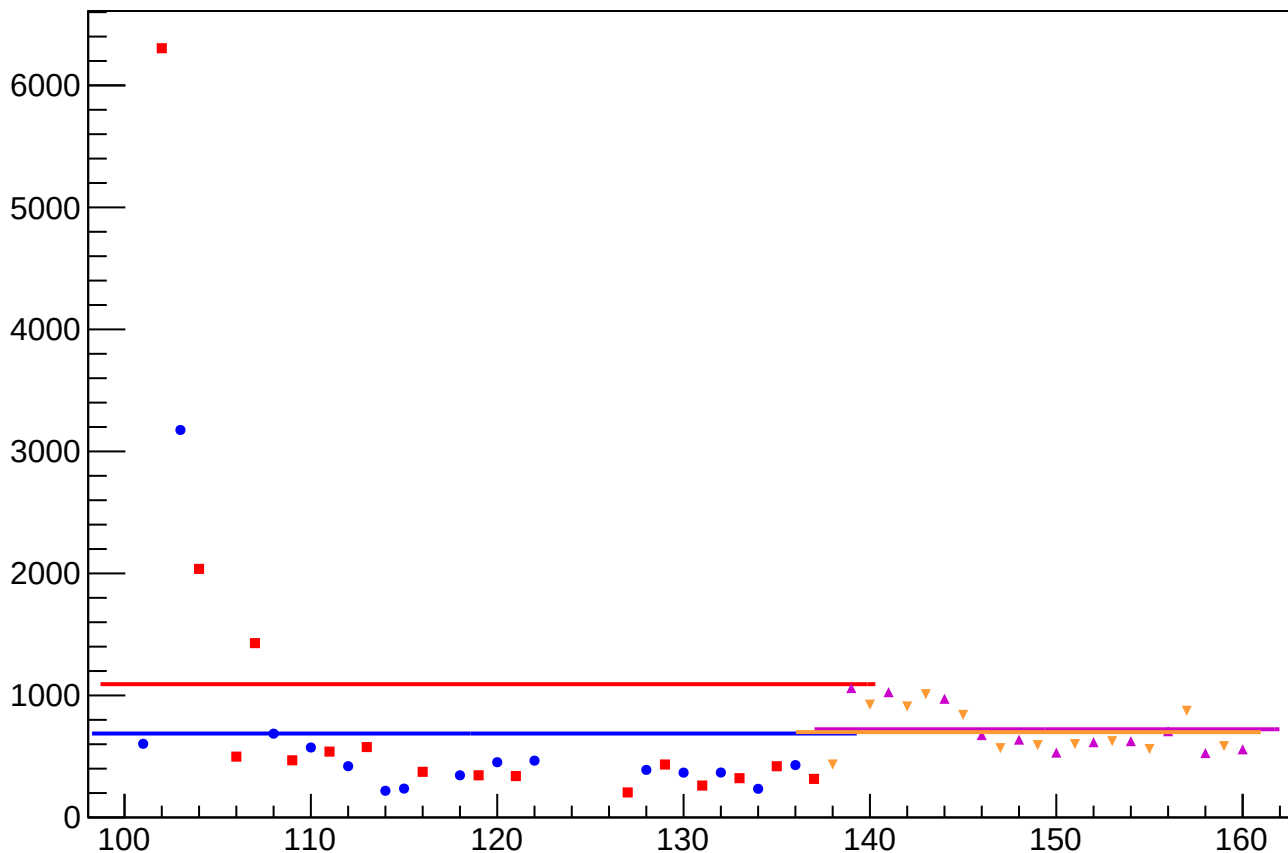
dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000	χ^2/NDF : 16945226152053511840482618402250170564608.0/14
Left Out: -13660.650+/-0.000	χ^2/NDF : 137996899958511608921126321459037955162112.0/11
Right Out: -10866.264+/-0.000	χ^2/NDF : 14234762838858382484525901644131626647552.0/15
Left In: -18181.504+/-0.000	χ^2/NDF : 1643617183572647868818914289162838343680.0/10

+ sign -12437.928+/-0.000 χ^2/NDF : 158250171839
 All: -13786.919+/-0.000 χ^2/NDF : 200512620
 - sign -15114.713+/-0.000 χ^2/NDF : 3660768844081

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

+ sign 694.726+/-0.000 χ^2/NDF : 437631008003960

Left Out: 699.529+/-0.000 χ^2/NDF : 28282813130903909256088396264464449536.0/11

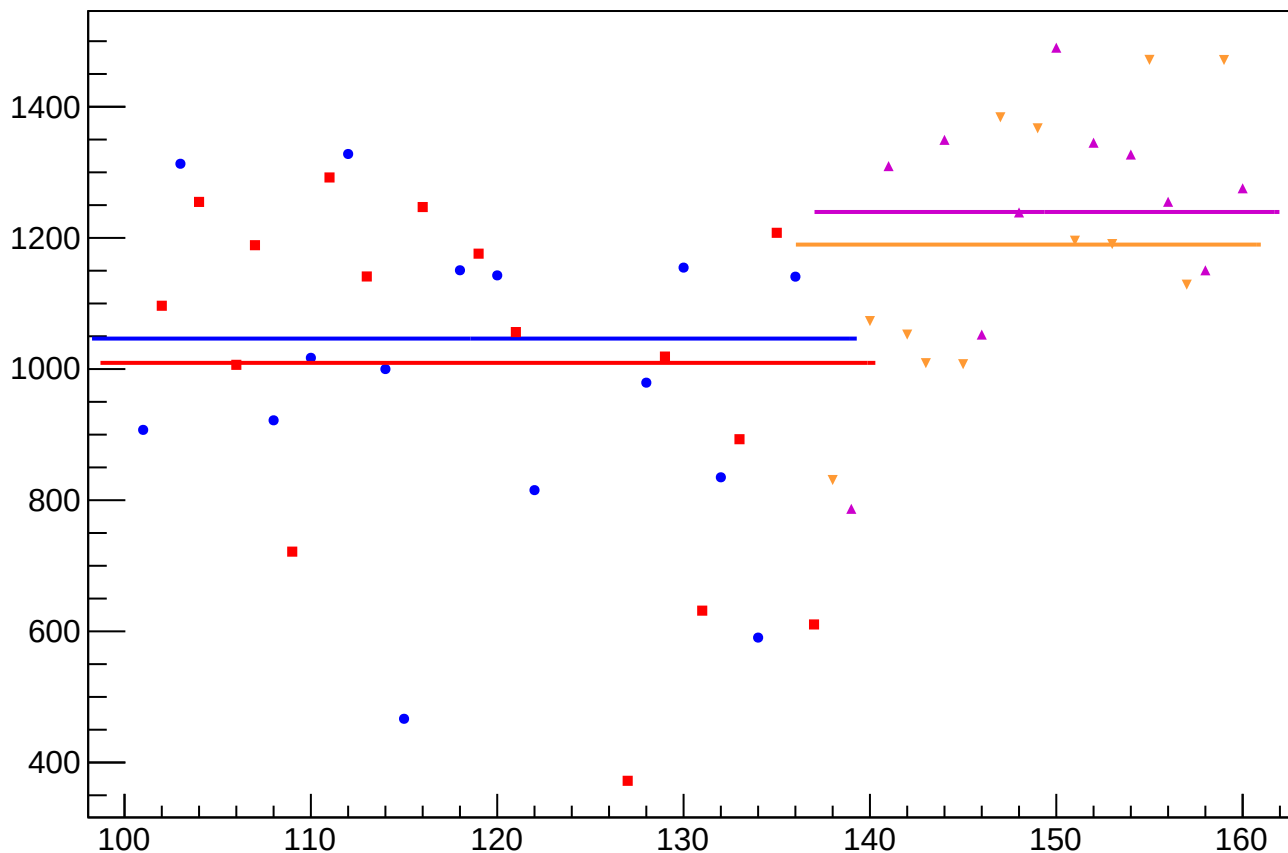
All: 786.917+/-0.000 χ^2/NDF : 243382664775

Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

- sign 877.659+/-0.000 χ^2/NDF : 196978539018965

Left In: 722.743+/-0.000 χ^2/NDF : 33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

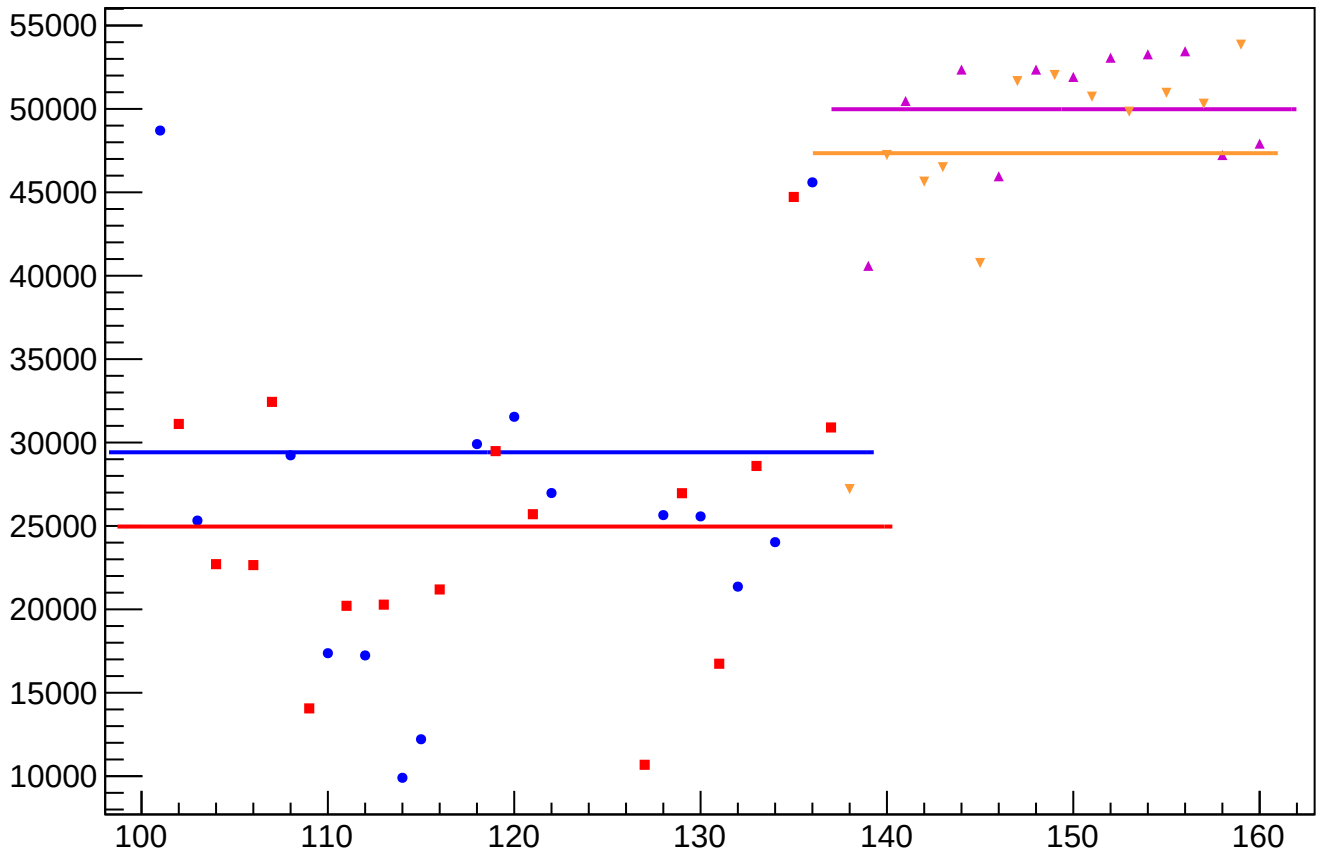
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800
 All: 1136.802+/-0.000 χ^2/NDF : 16251853607
 - sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

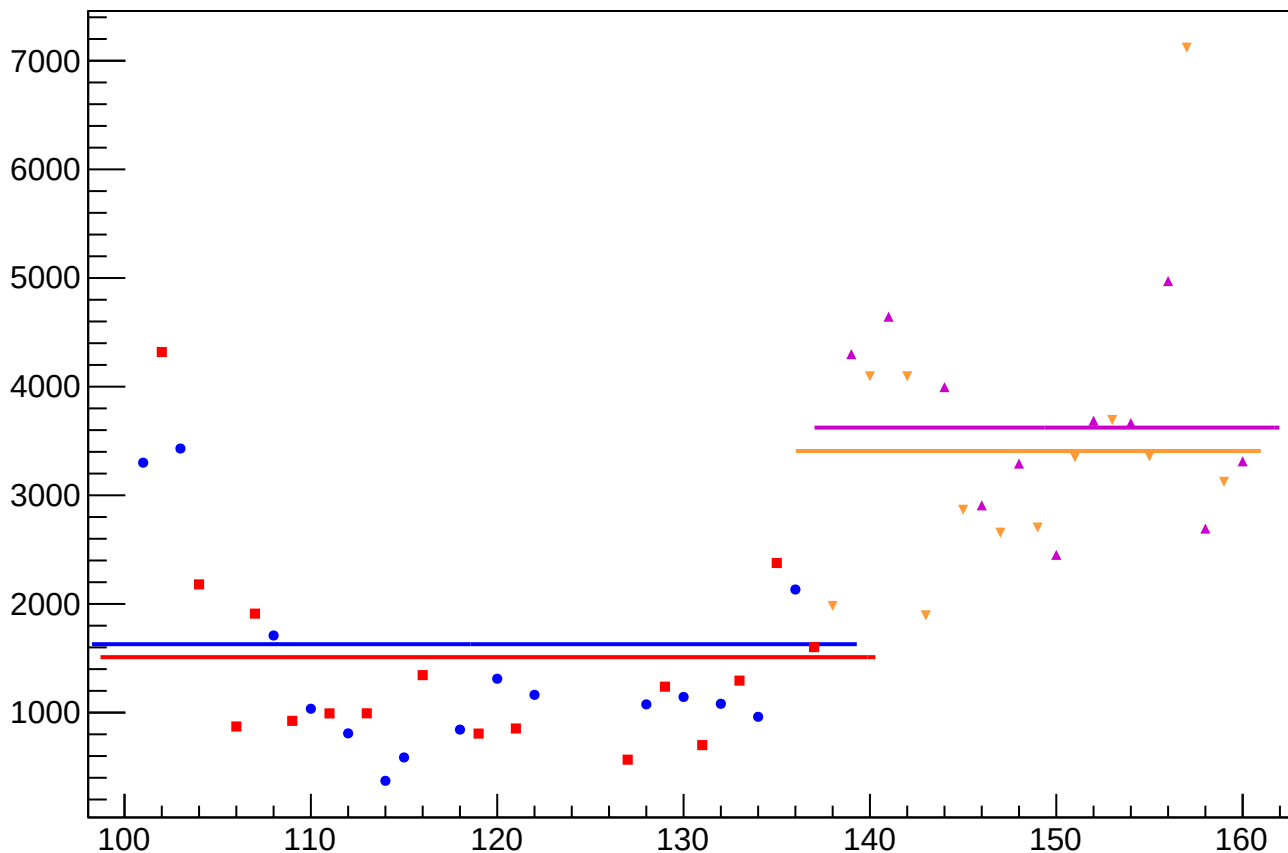
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47346.512+/-0.000	χ^2/NDF : 45161873845138471299889685507142267699200.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10

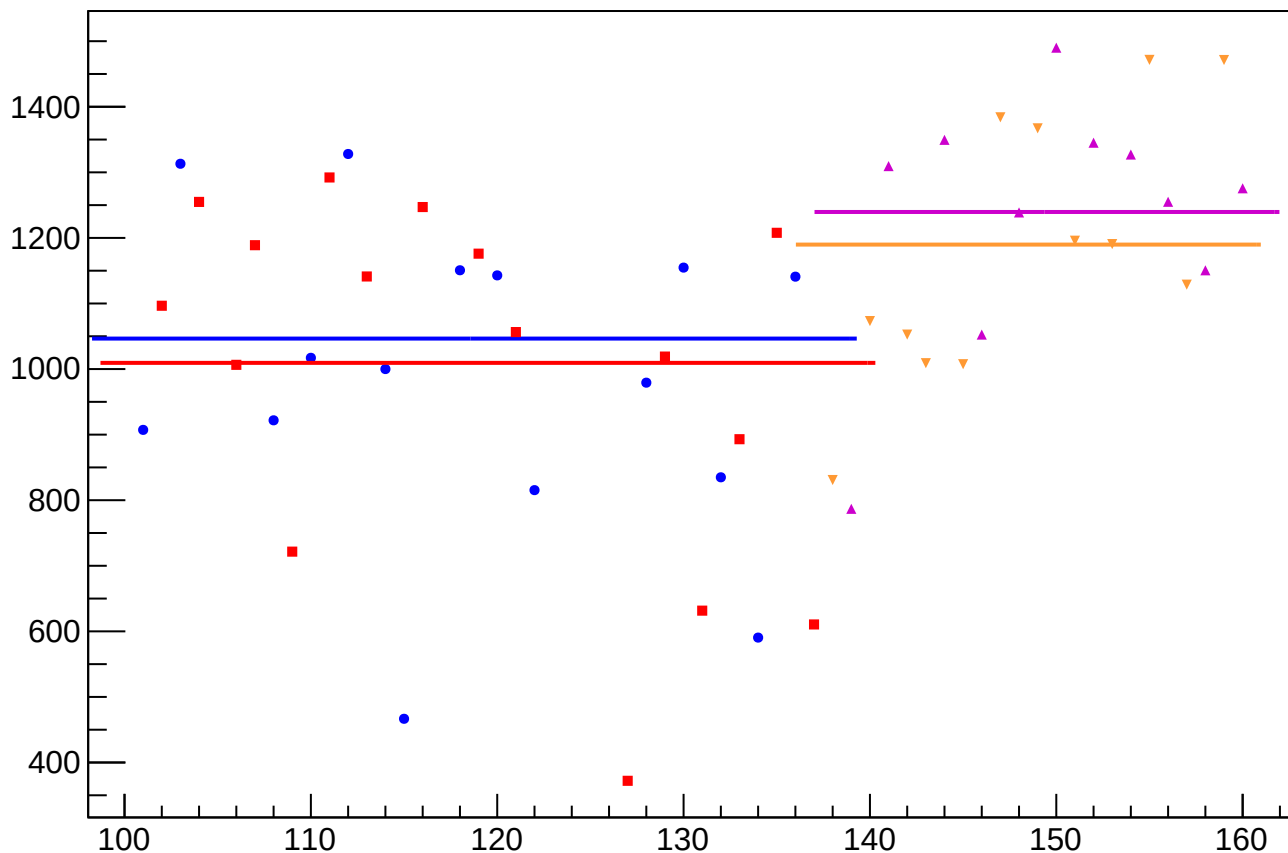
+ sign 39915.469+/-0.000 χ^2/NDF : 2391113044287
 All: 39702.686+/-0.000 χ^2/NDF : 5408657163
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14	+ sign 2670.799+/-0.000	χ^2/NDF : 33382731249401
Left Out: 3407.741+/-0.000	χ^2/NDF : 1584870057929033939797166763050451075072.0/11	All: 2704.332+/-0.000	χ^2/NDF : 62969127221
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15	- sign 2737.338+/-0.000	χ^2/NDF : 29551454832887
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10		

dit_atl2_coil1_Ndata_mean vs Slug



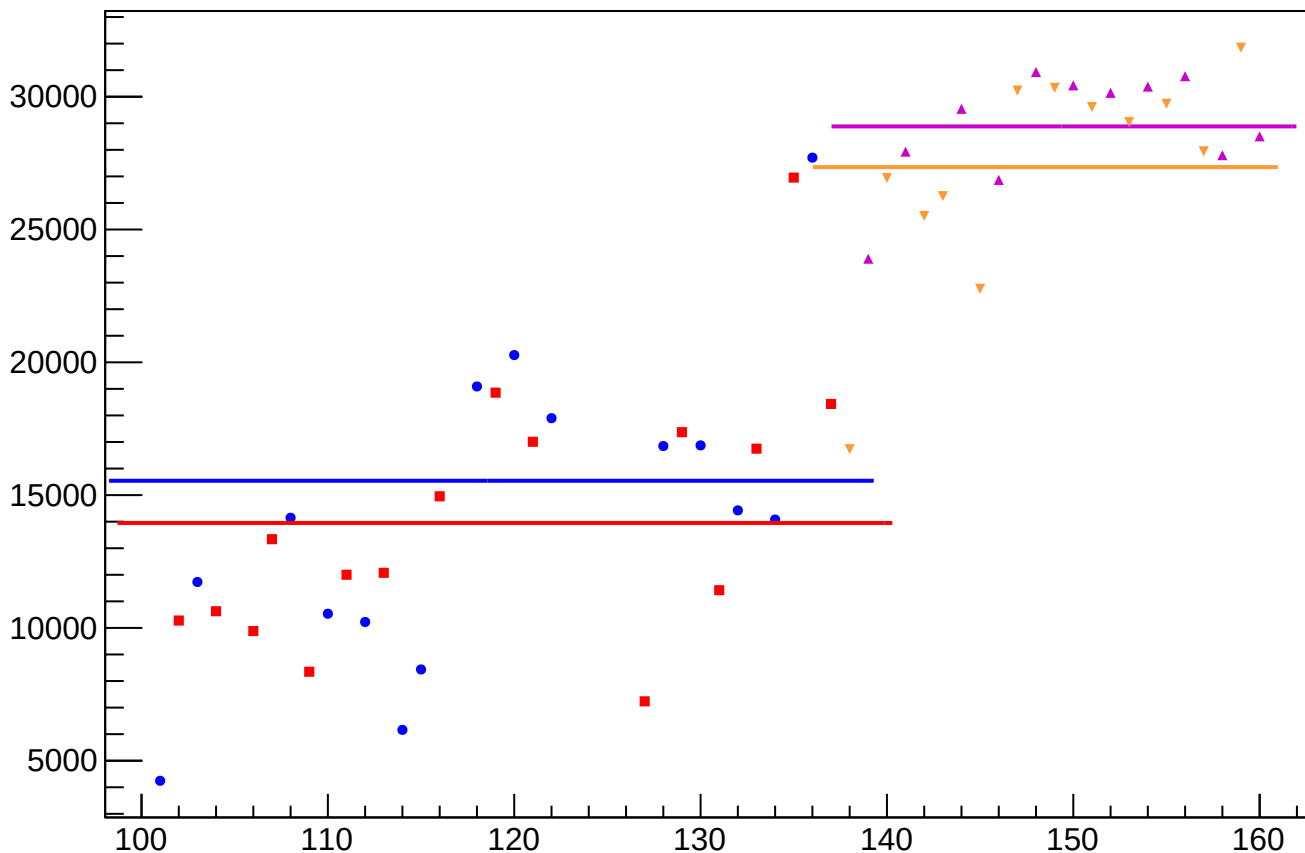
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821 ± 0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

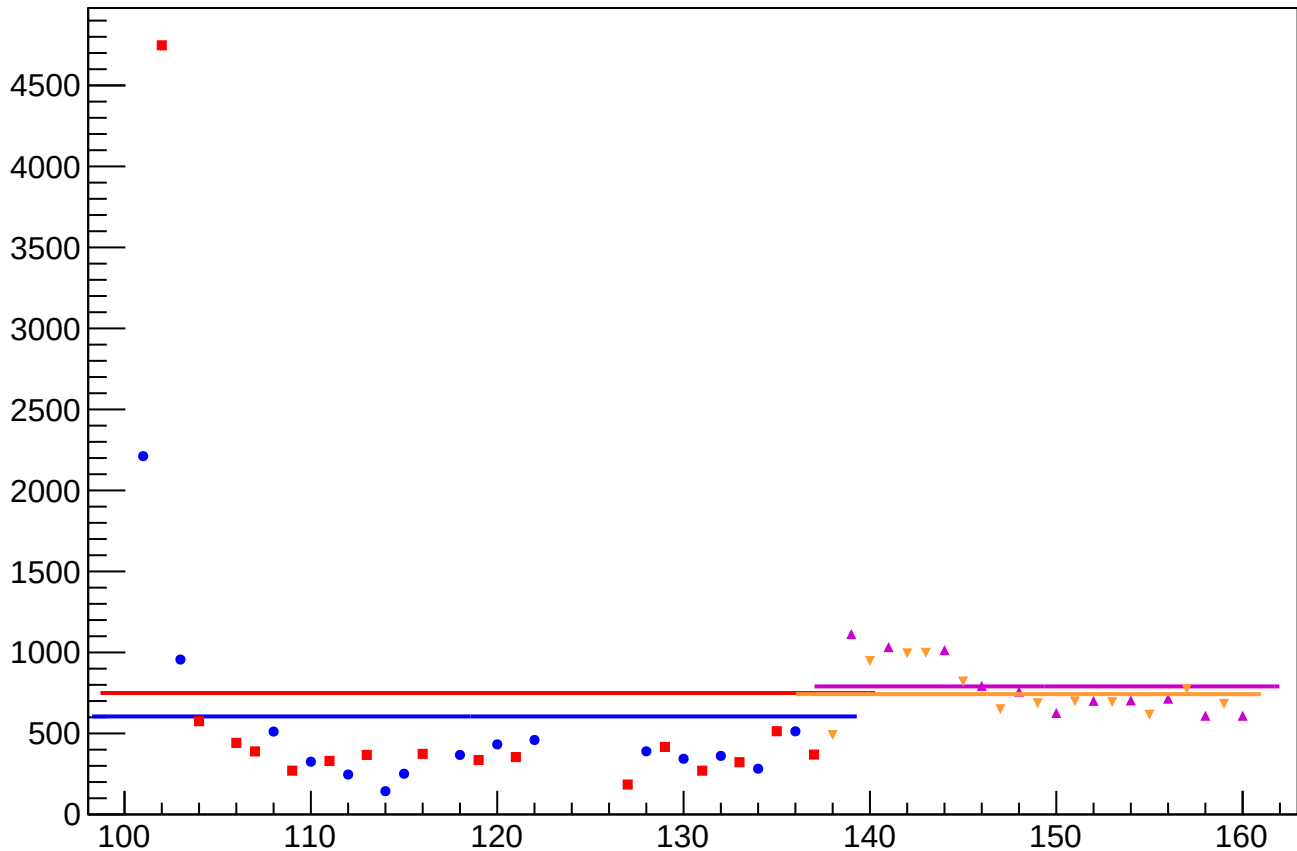
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 27349.847+/-0.000	χ^2/NDF : 14883456917386062267776172319393710080000.0/11
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 28881.771+/-0.000	χ^2/NDF : 3761764043421234560623243625754374701056.0/10

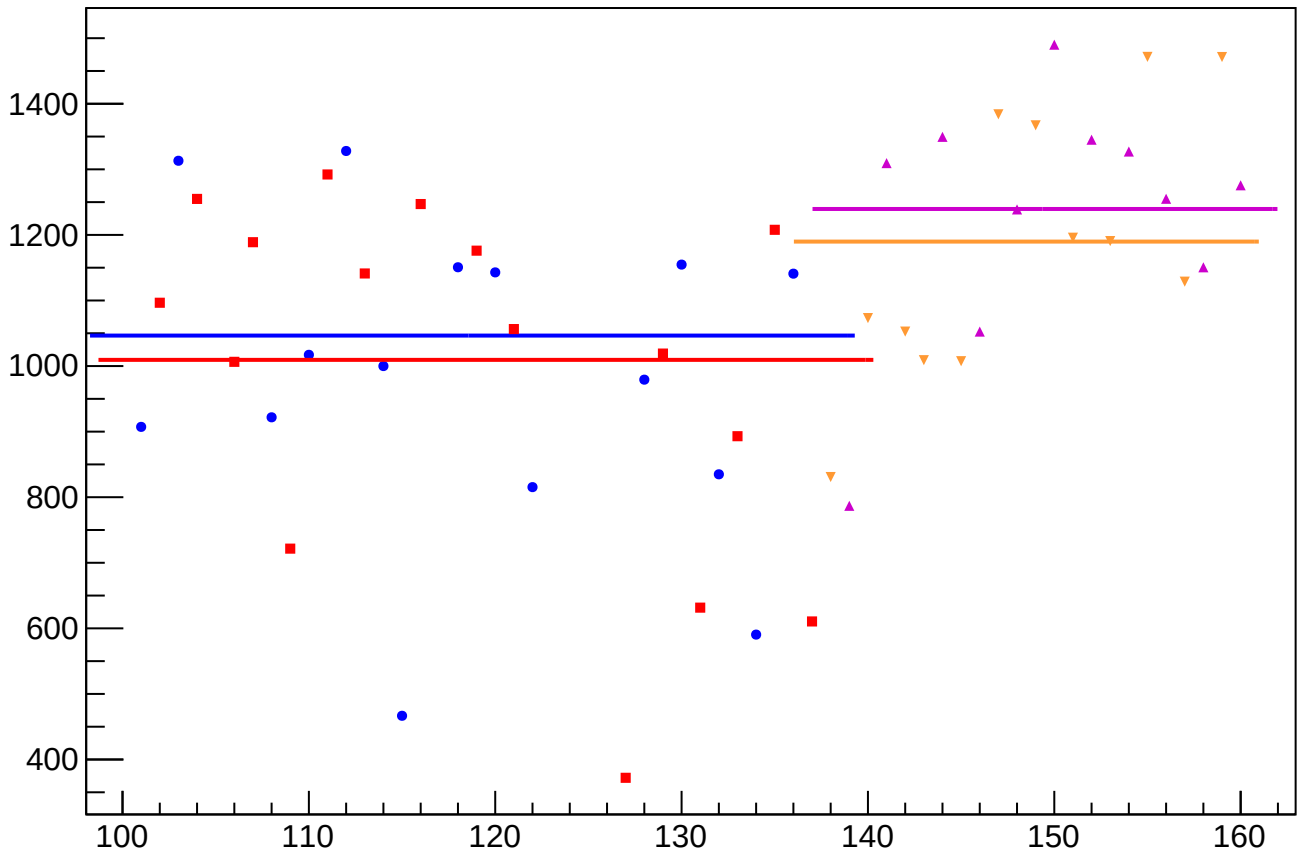
+ sign 22455.798+/-0.000 χ^2/NDF : 9526429400020
 All: 22539.875+/-0.000 χ^2/NDF : 2023487718
 - sign 22622.631+/-0.000 χ^2/NDF : 1070625118466

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000	χ^2/NDF : 189401522791607614448600157723362852864.0/14
Left Out: 742.547+/-0.000	χ^2/NDF : 19133072840660474437485049781053030400.0/11
Right Out: 749.582+/-0.000	χ^2/NDF : 1021358768377495935693748779804344188928.0/15
Left In: 790.283+/-0.000	χ^2/NDF : 27375995163011560101349166949437800448.0/10
+ sign 685.557+/-0.000 χ^2/NDF : 215721008292600	
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

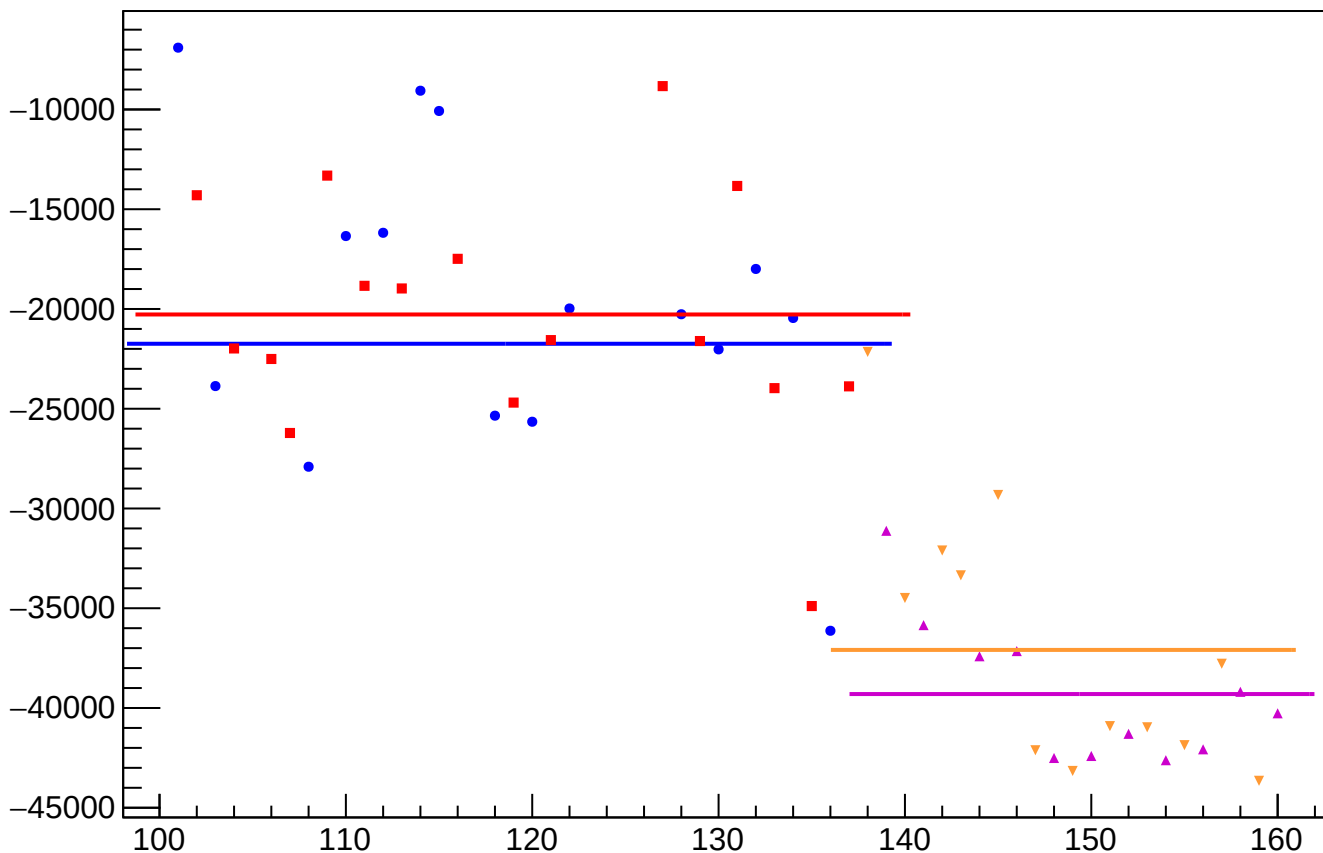
All: 1136.802+/-0.000 χ^2/NDF : 16251853607

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

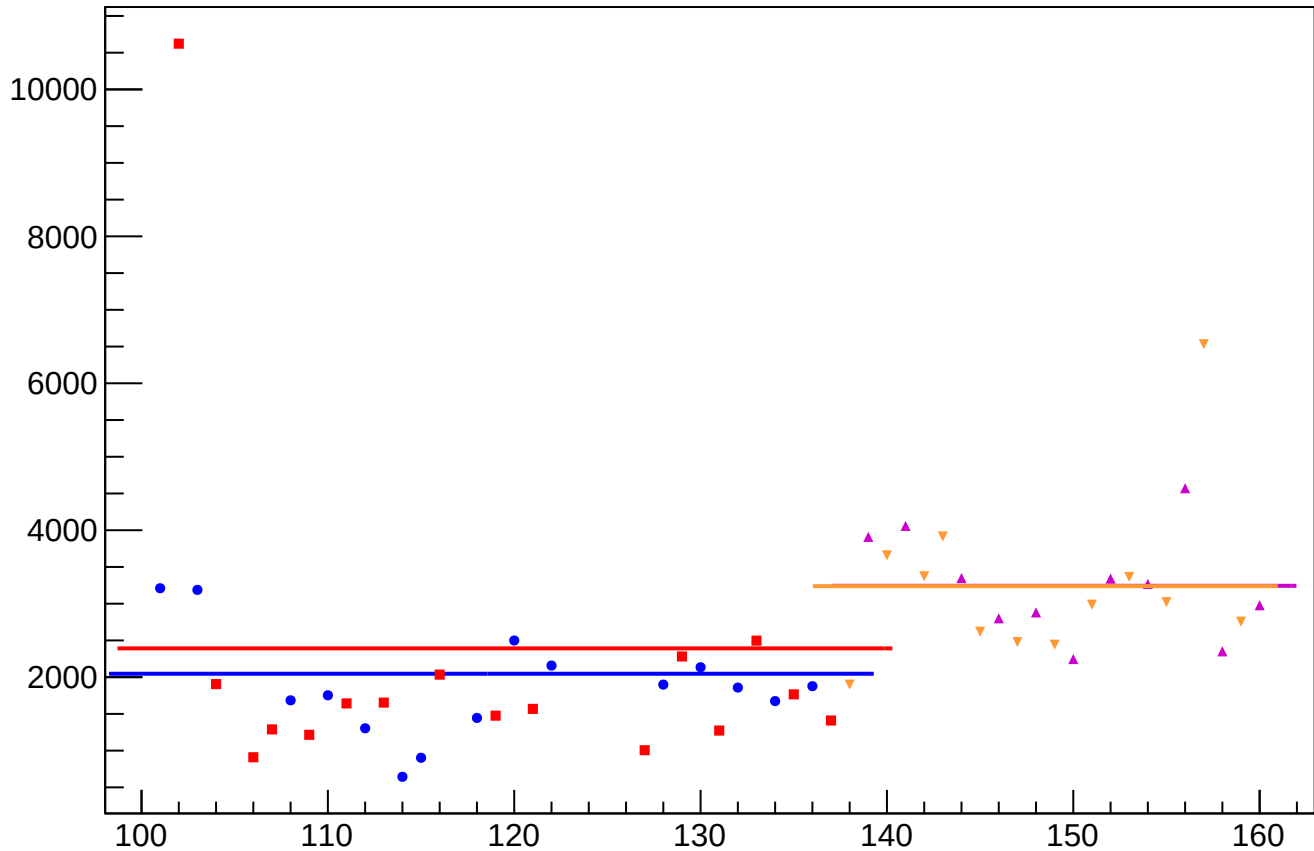
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



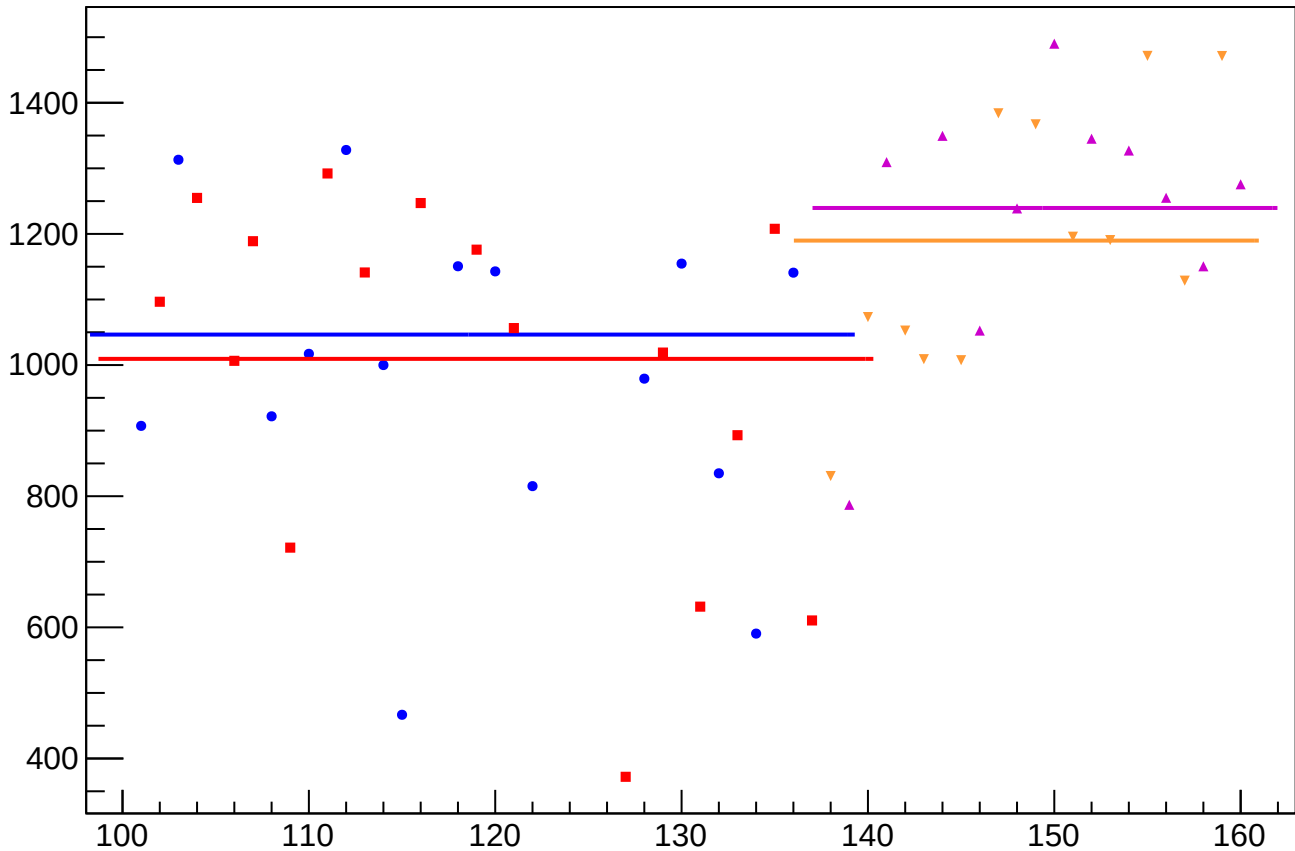
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37089.024+/-0.000 χ^2/NDF : 37696615174692315635920208068597564571648.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

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

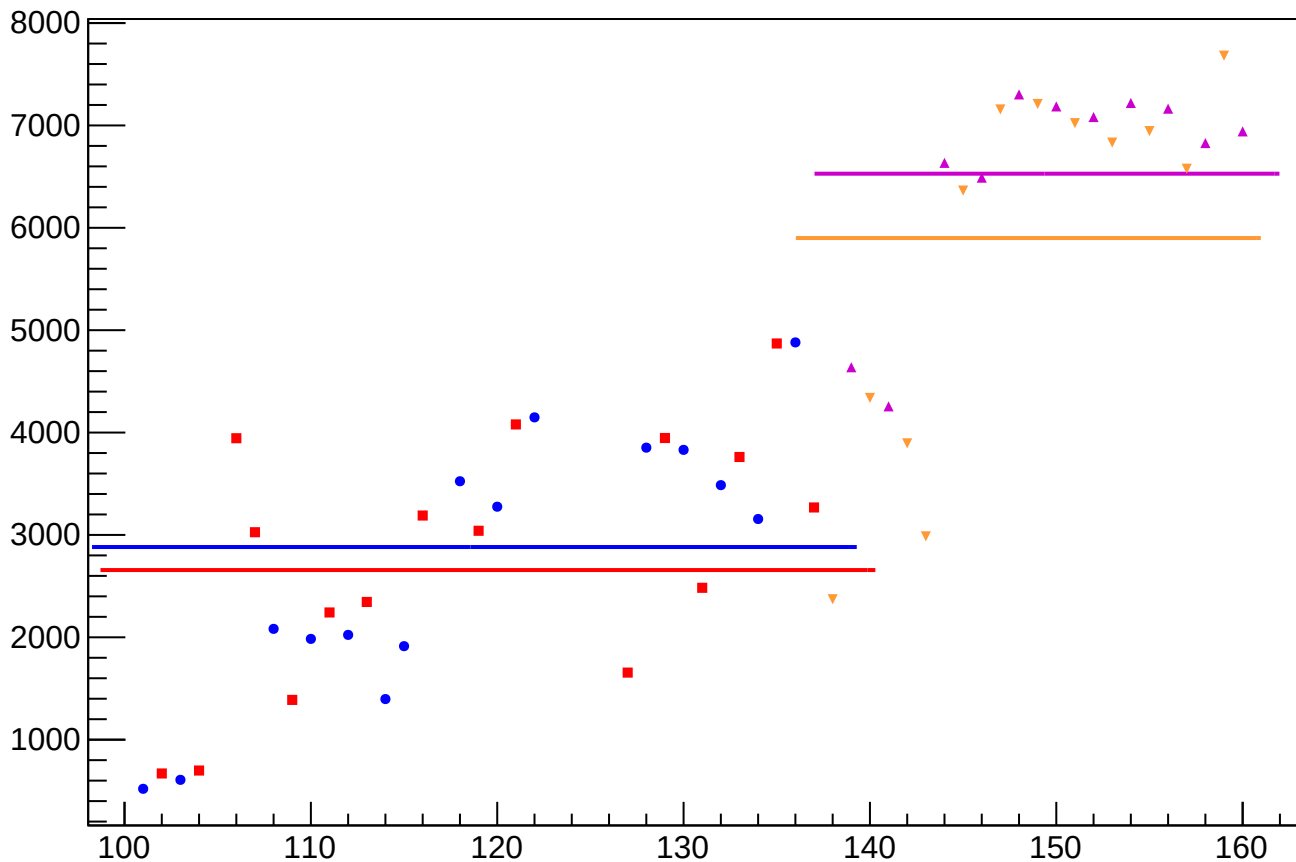
All: 1136.802+/-0.000 χ^2/NDF : 16251853607

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

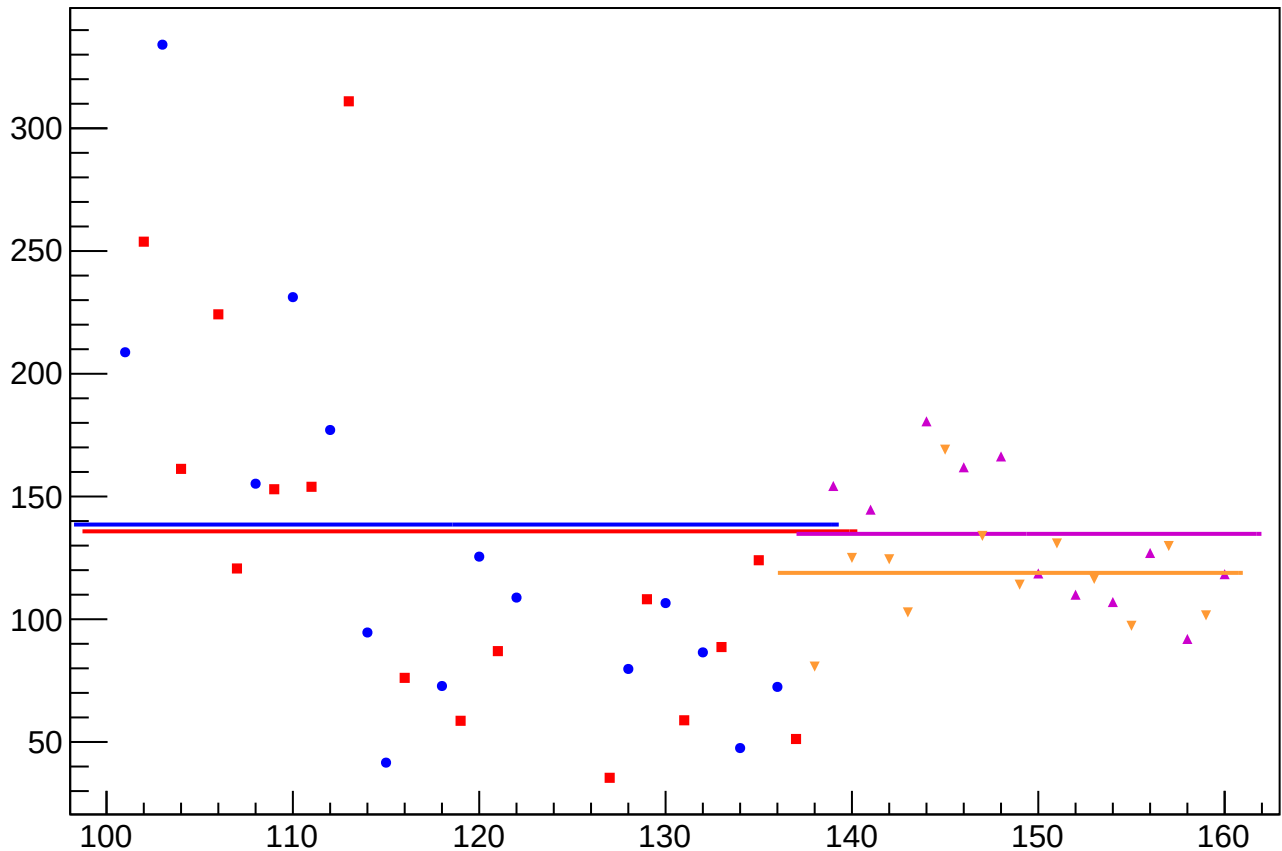
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



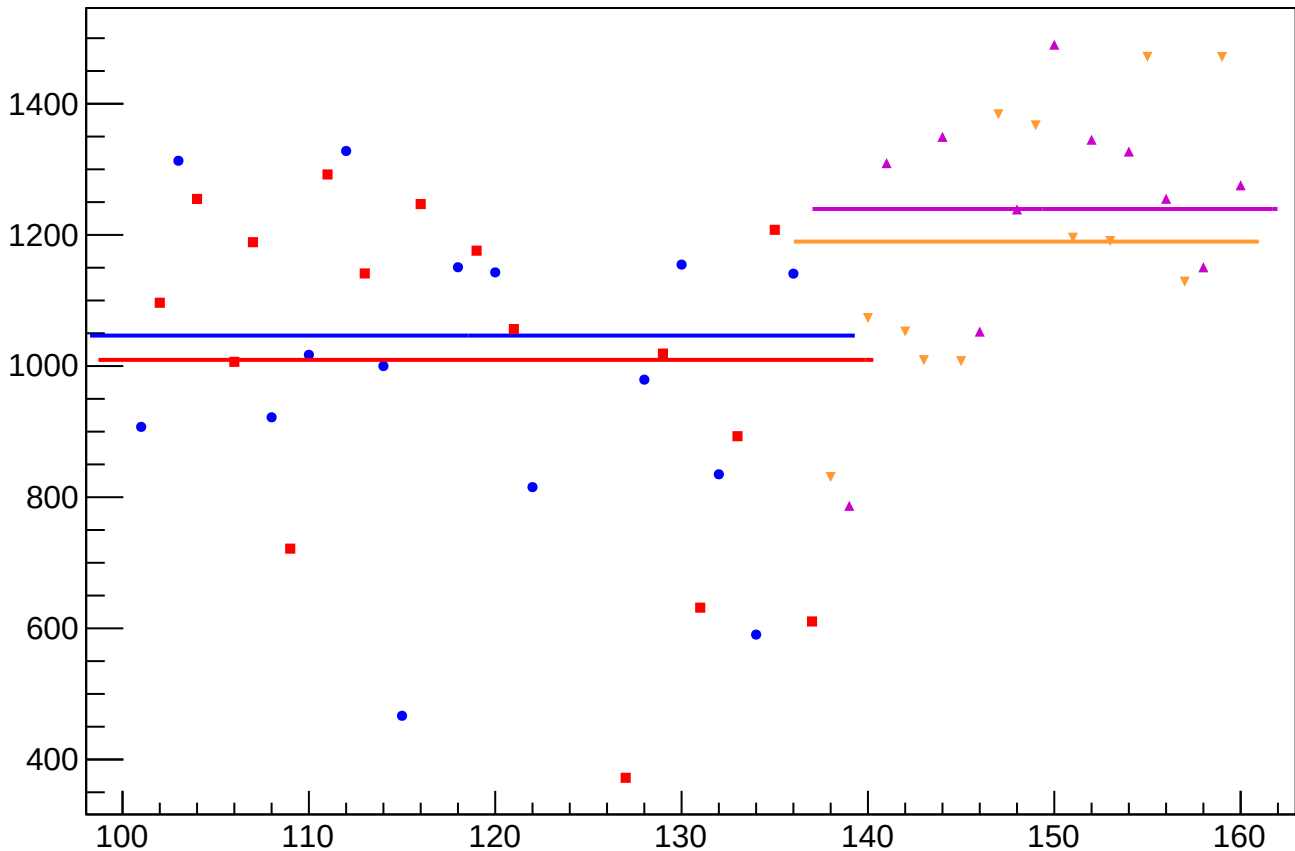
Right In: 2881.935+/-0.000	χ^2/NDF : 1320319391496525533692082365878834823168.0/14	+ sign 4649.303+/-0.000	χ^2/NDF : 75399616653013
Left Out: 5900.145+/-0.000	χ^2/NDF : 2757689906494435175416115853599080185856.0/11	All: 4778.421+/-0.000	χ^2/NDF : 15416993926
Right Out: 2656.918+/-0.000	χ^2/NDF : 1077696846216053561130716877125509447680.0/15	- 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

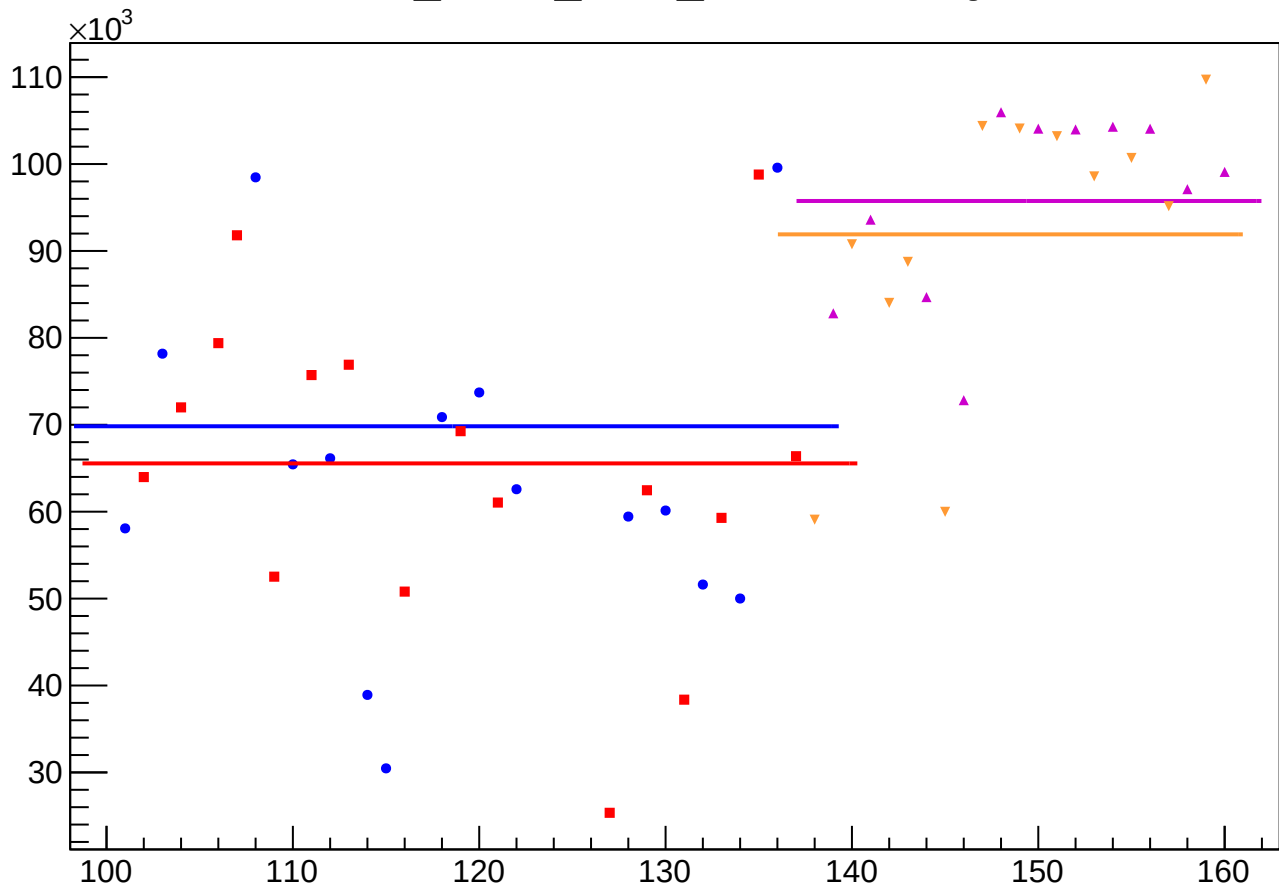
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

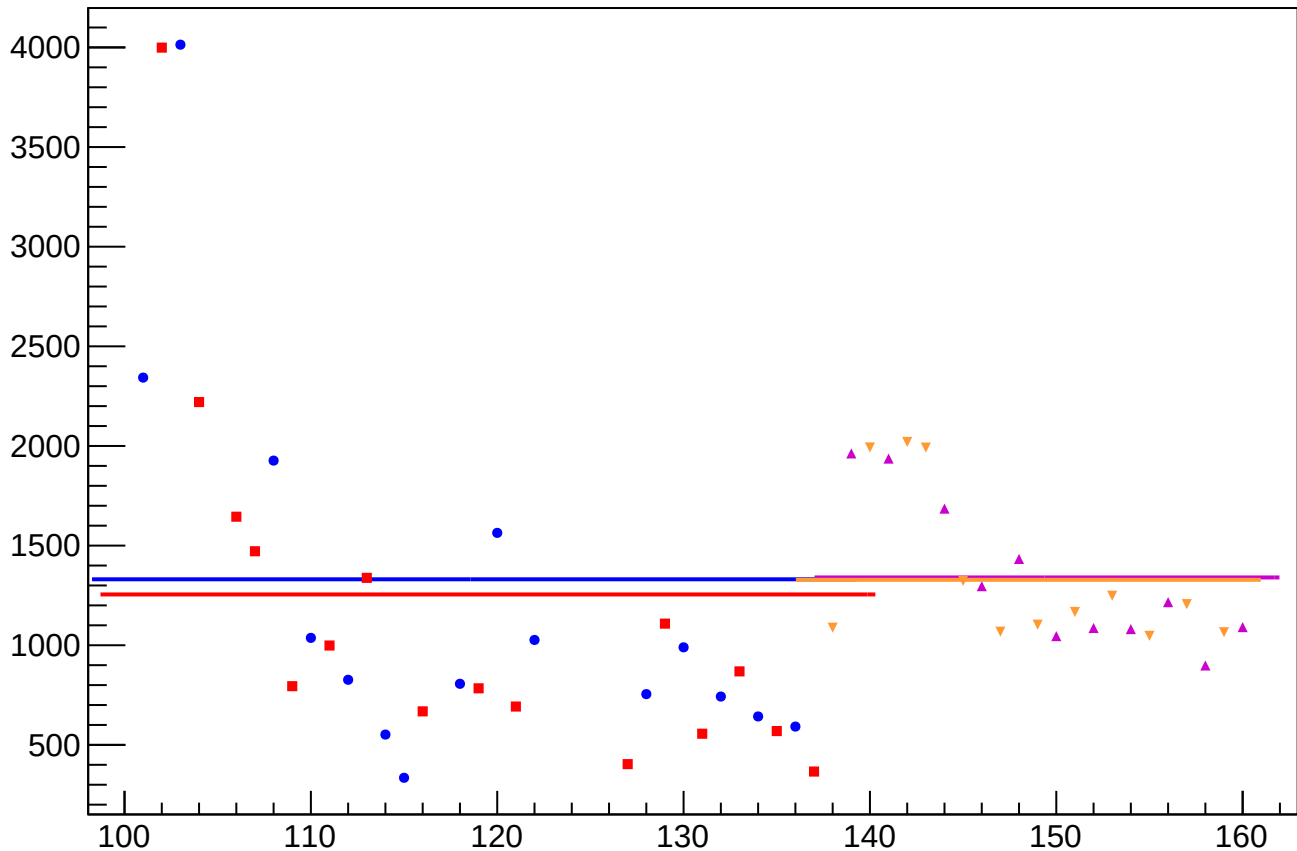
dit_sam2_coil1_mean vs Slug



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

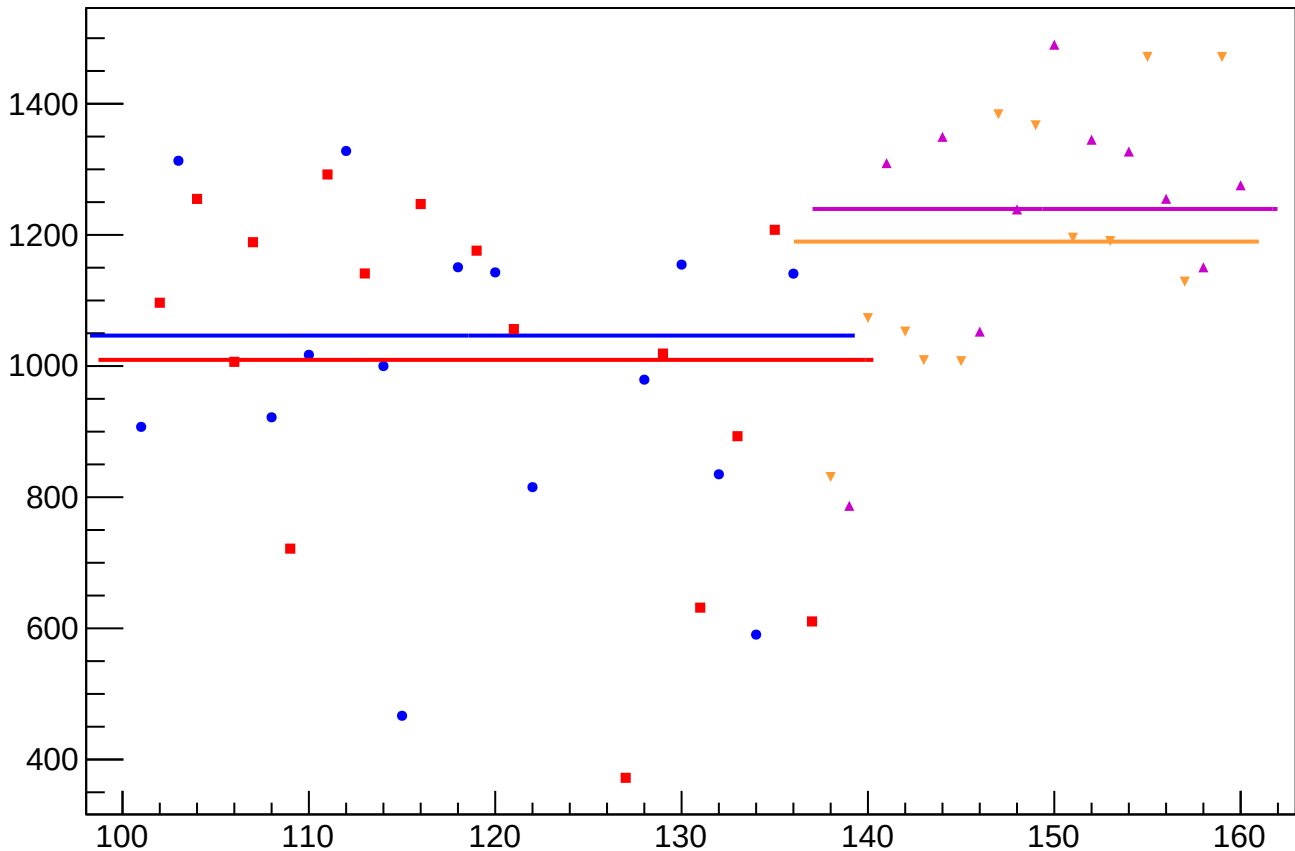
+ sign 82757.866 $\pm$ 0.000 χ^2 /NDF: 6138933402345
 All: 82925.739 $\pm$ 0.000 χ^2 /NDF: 1281523212
 - sign 83090.974 $\pm$ 0.000 χ^2 /NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



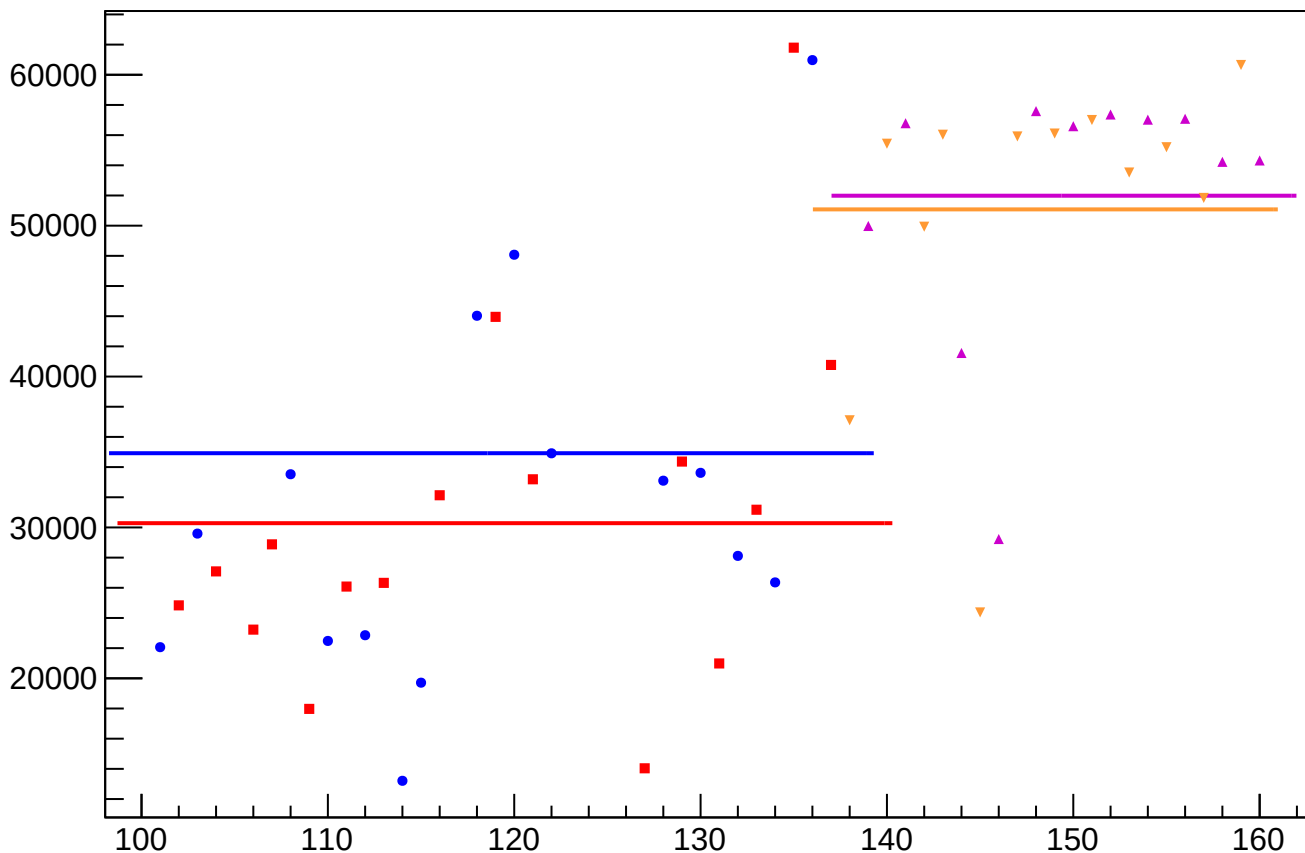
Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1328.309+/-0.000 χ^2/NDF : 117346287967386958303859795101623517184.0/11
 Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

dit_sam2_coil1_Ndata_mean vs Slug



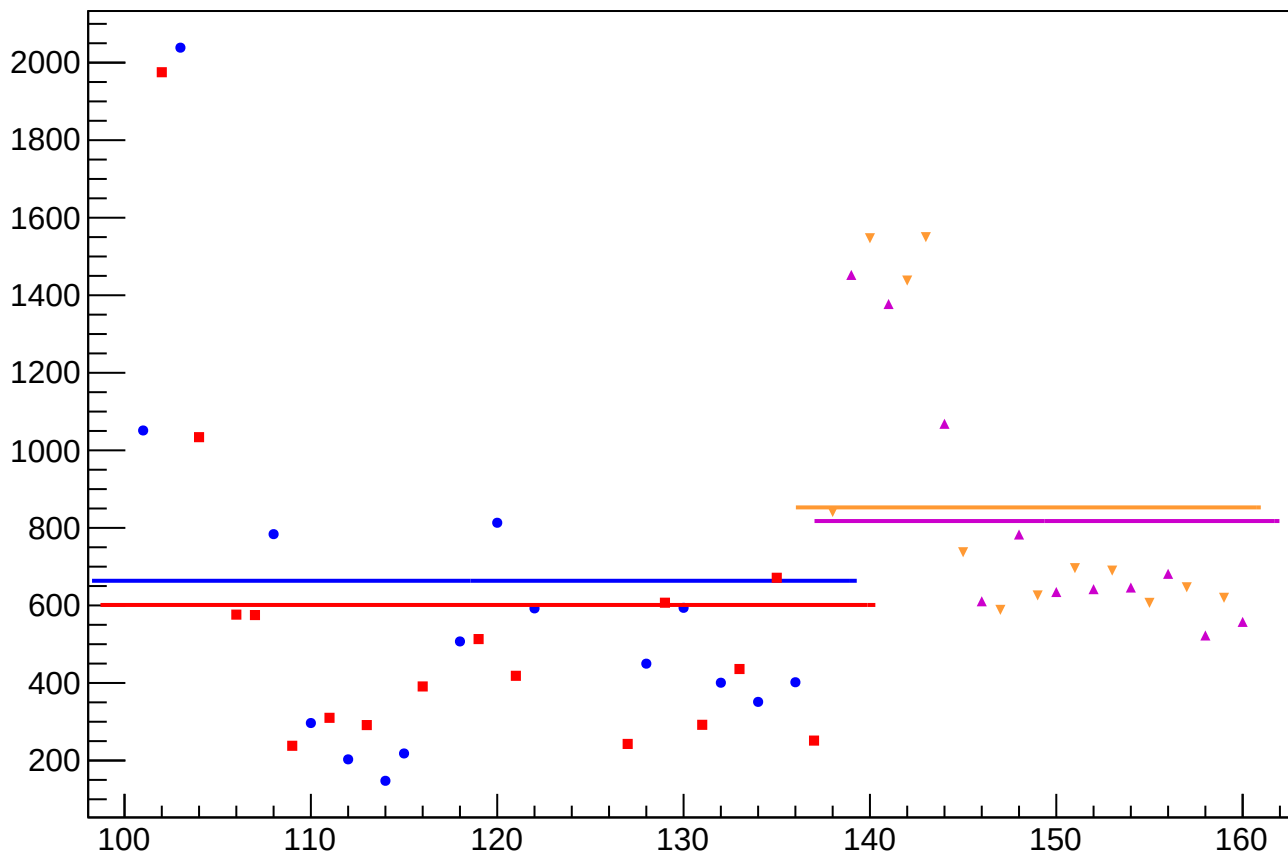
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 51078.913+/-0.000 χ^2/NDF : 92171566183632008367490399553102026899456.0/11
 Right Out: 30282.373+/-0.000 χ^2/NDF : 88346165266593126627598951693506073067520.0/15
 Left In: 51985.374+/-0.000 χ^2/NDF : 67172587579518863379504132116294676774912.0/10

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 852.828+/-0.000 χ^2/NDF : 115391521173207267272974066416613326848.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

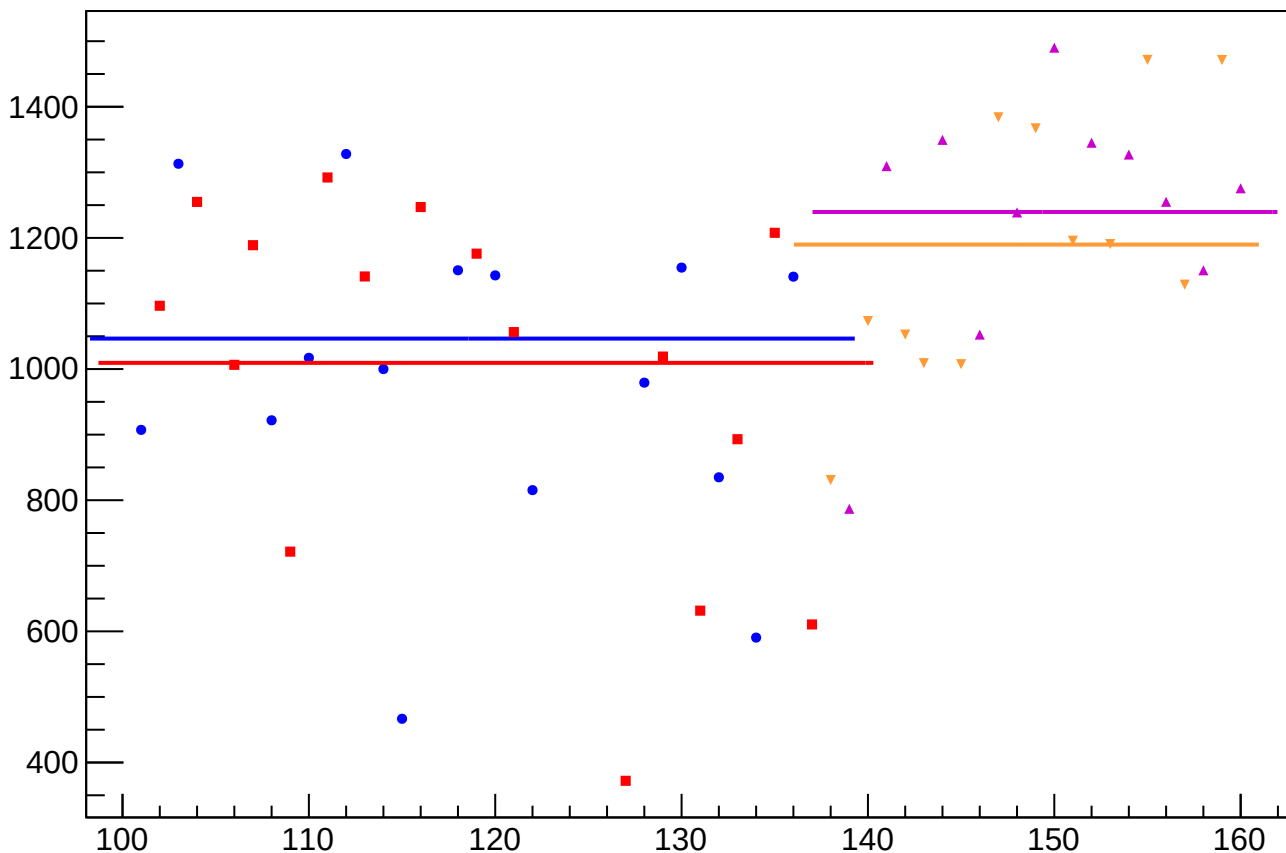
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 774.395+/-0.000 χ^2/NDF : 286695061420432

All: 750.468+/-0.000 χ^2/NDF : 546768442745

- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

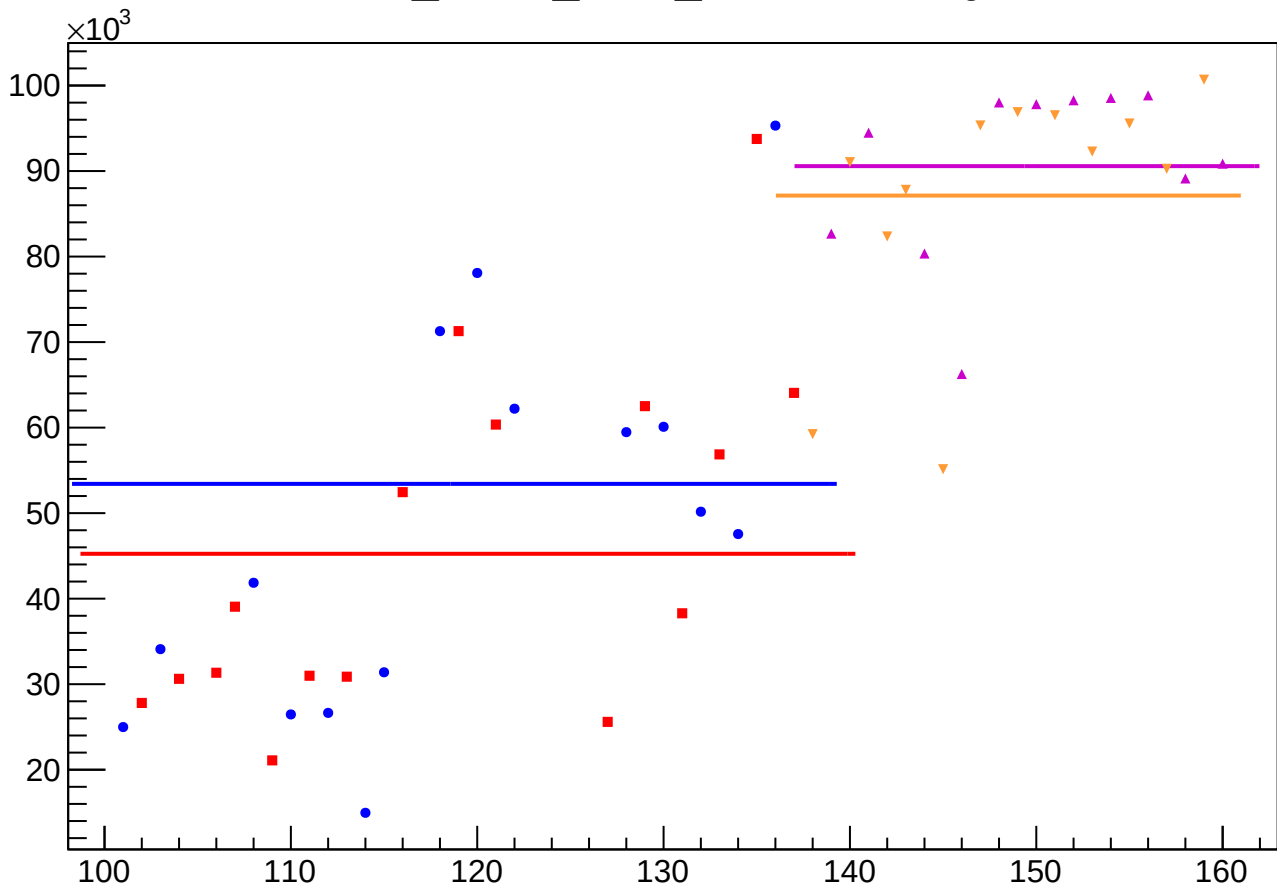
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

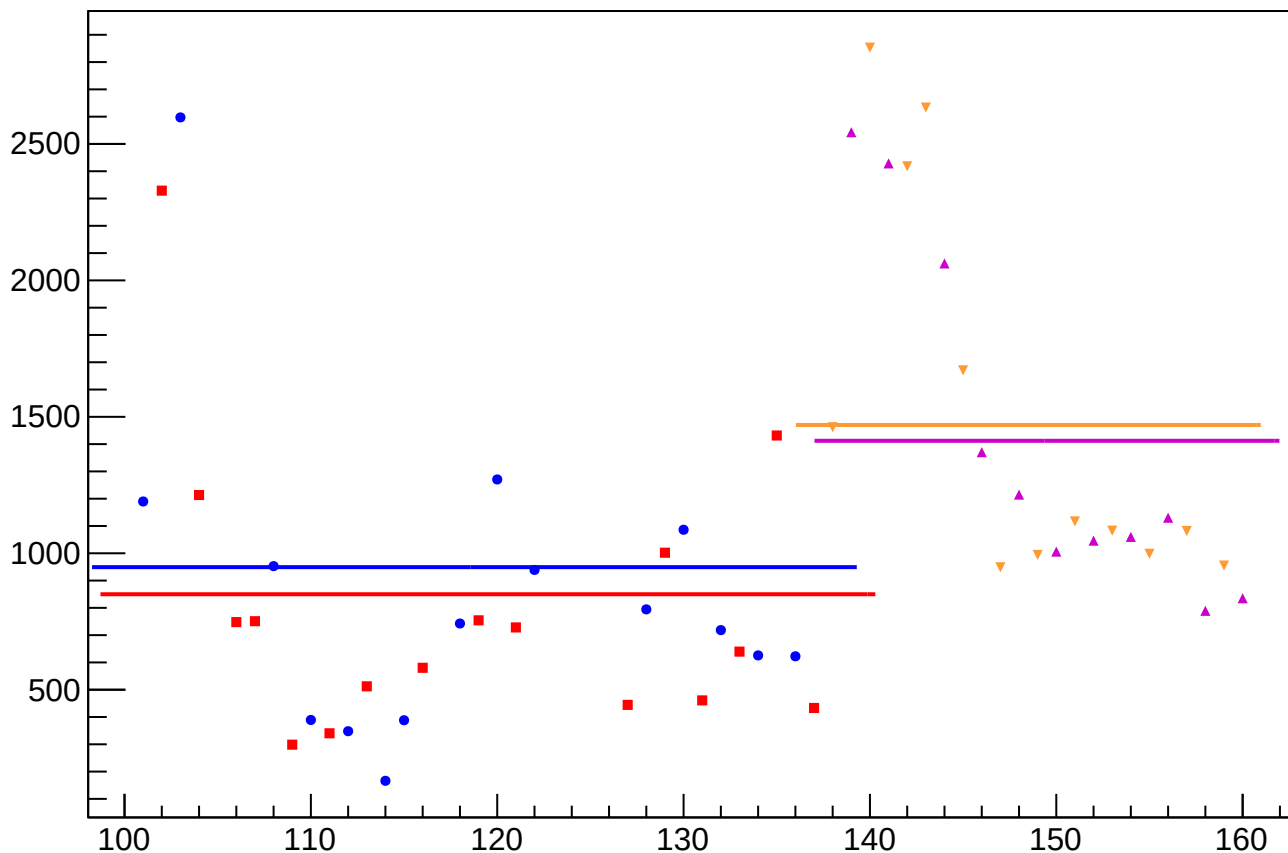
+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800
 All: 1136.802+/-0.000 χ^2/NDF : 16251853607
 - sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 87135.960+/-0.000 χ^2/NDF : 189391741344290721413233098775018944331776.0/11
 Right Out: 45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: 90573.760+/-0.000 χ^2/NDF : 90574081394354221593949262312406685581312.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

+ sign 1254.262+/-0.000 χ^2/NDF : 73442755176588

Left Out: 1470.170+/-0.000 χ^2/NDF : 405590375156650172280507211961333710848.0/11

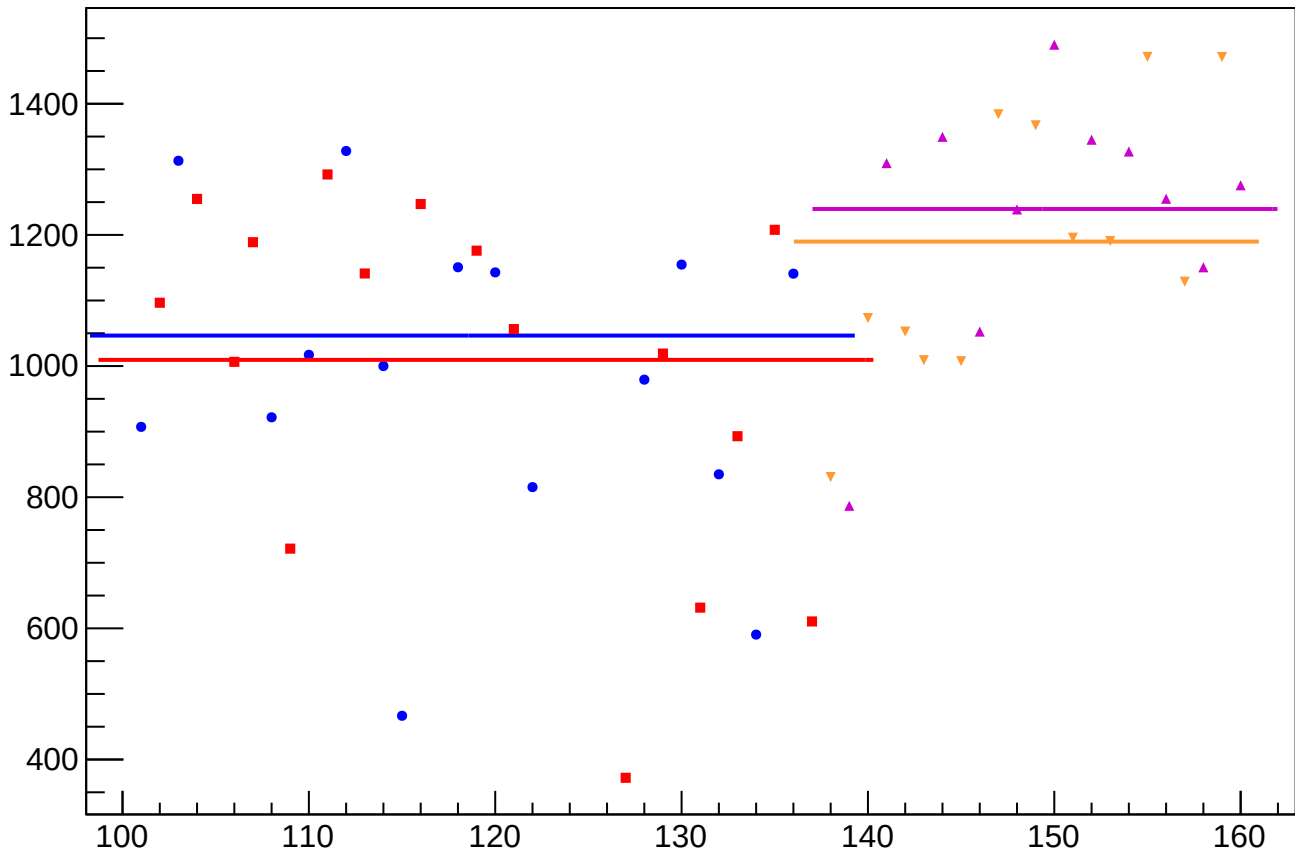
All: 1215.036+/-0.000 χ^2/NDF : 13988660809

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

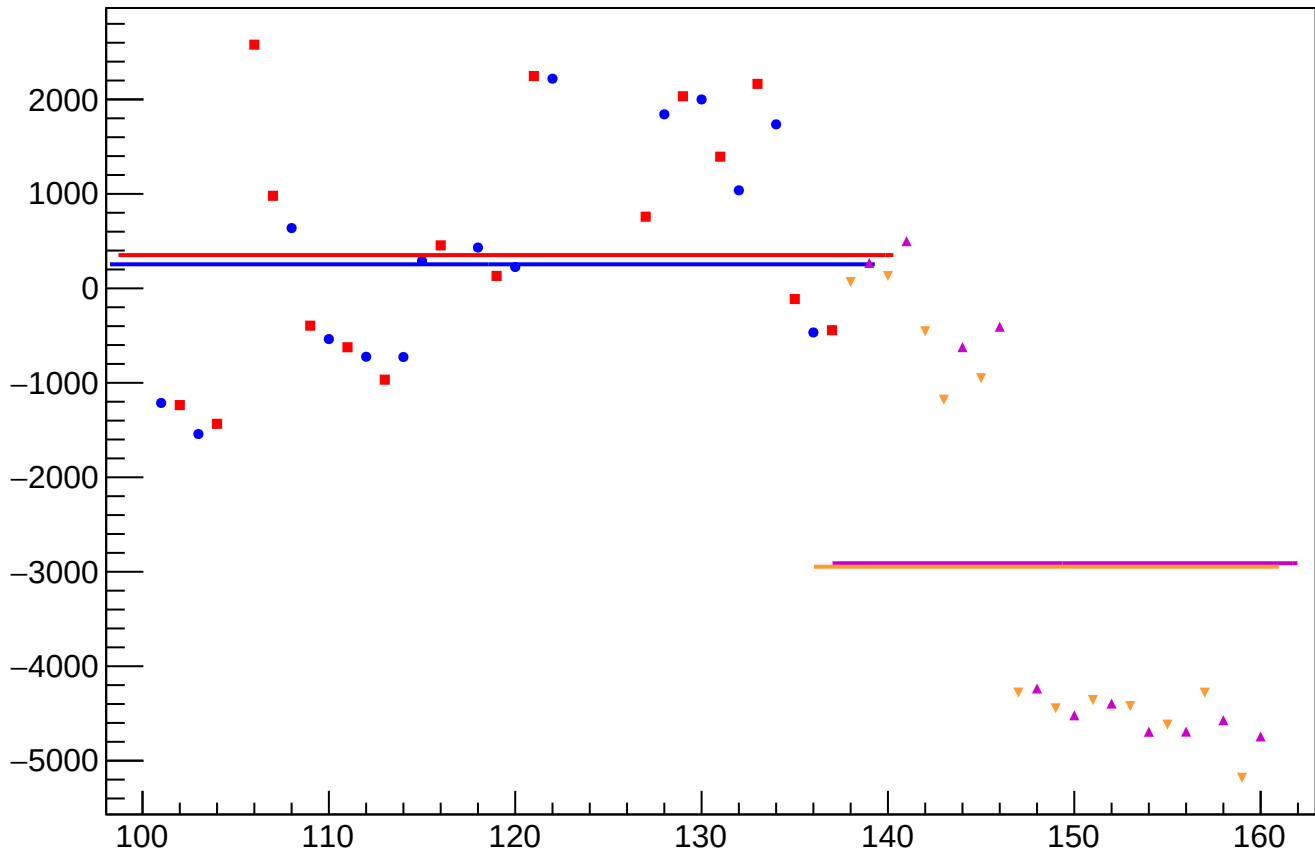
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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



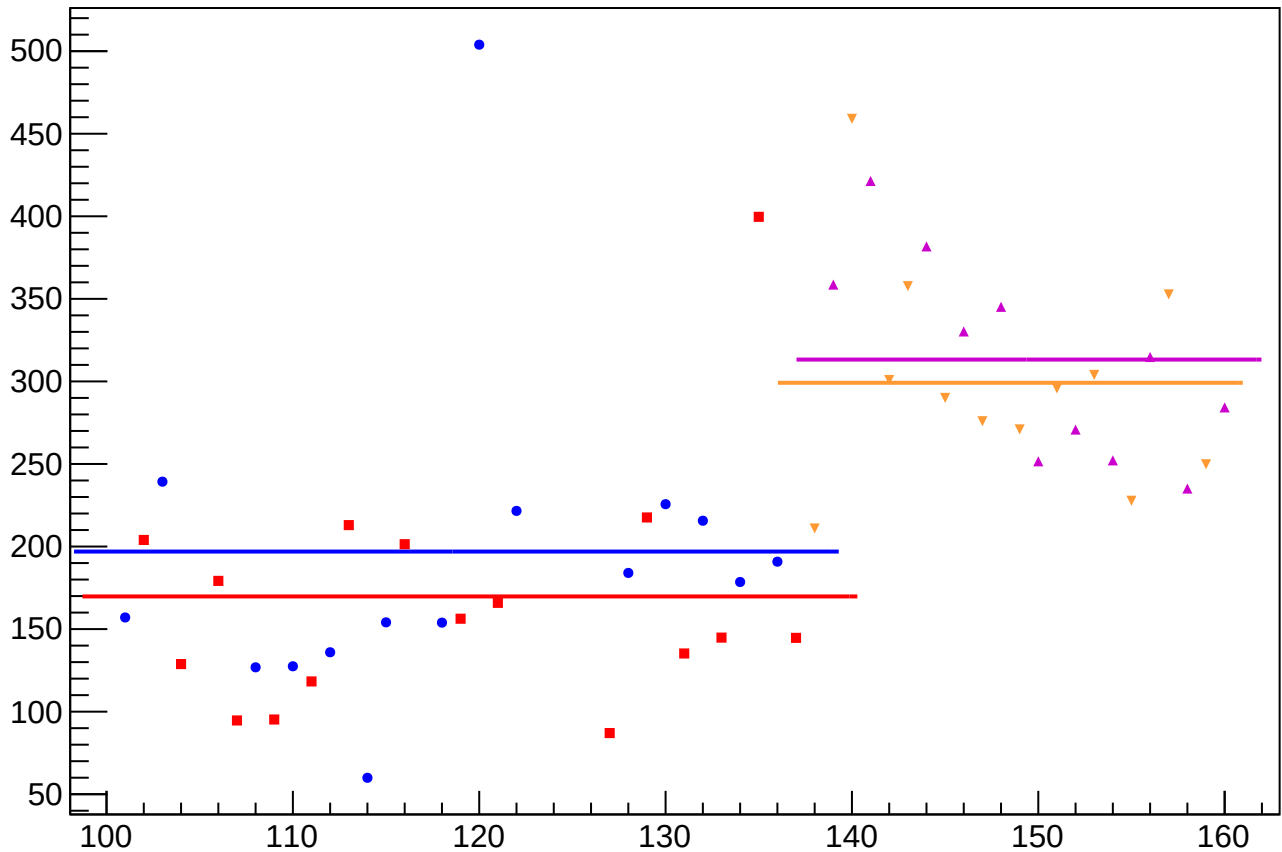
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

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



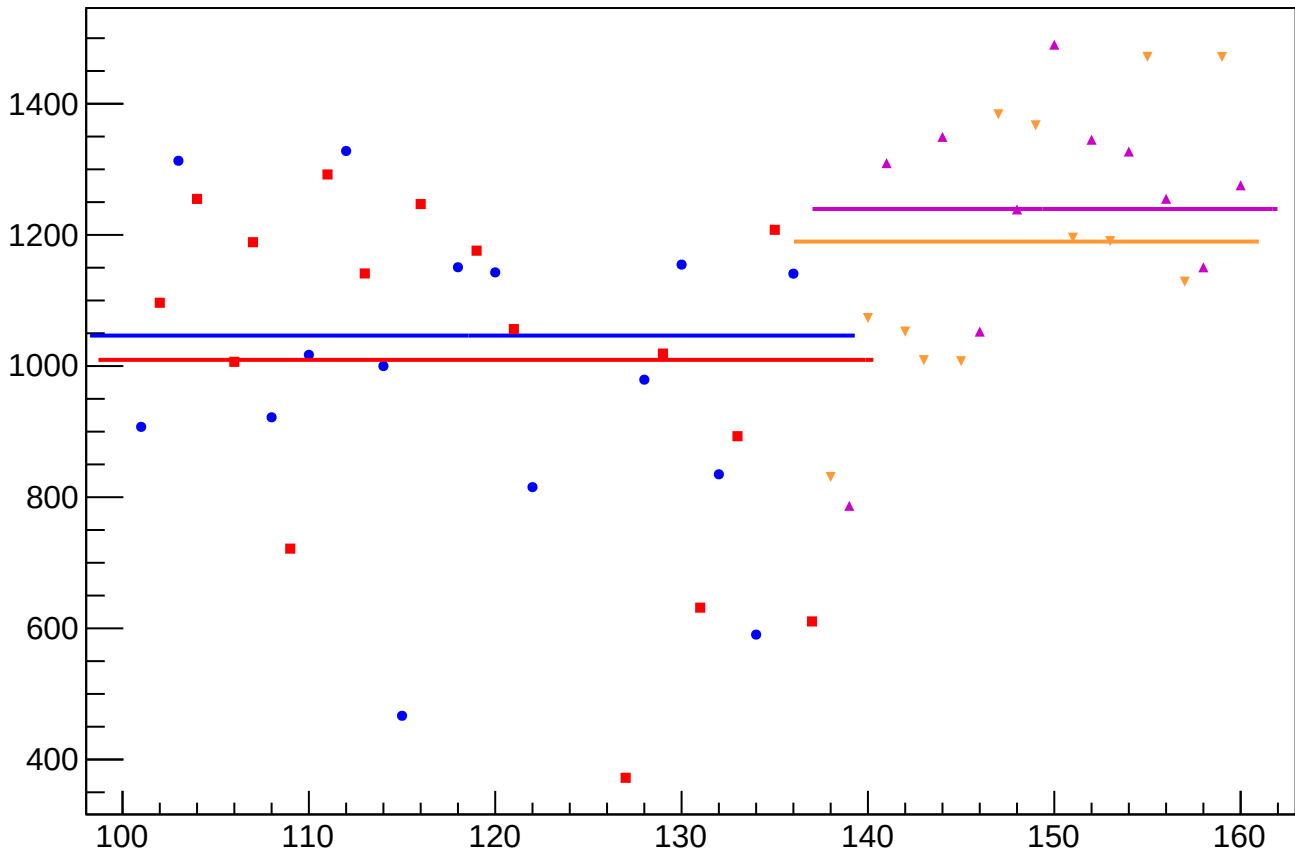
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14
Left Out: 299.172+/-0.000	χ^2/NDF : 3880381264543200500455029030889979904.0/11
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15
Left In: 313.228+/-0.000	χ^2/NDF : 3079061701843560714774529768142405632.0/10

+ sign 256.810+/-0.000 χ^2/NDF : 123362788109391

All: 254.935+/-0.000 χ^2/NDF : 272901074143

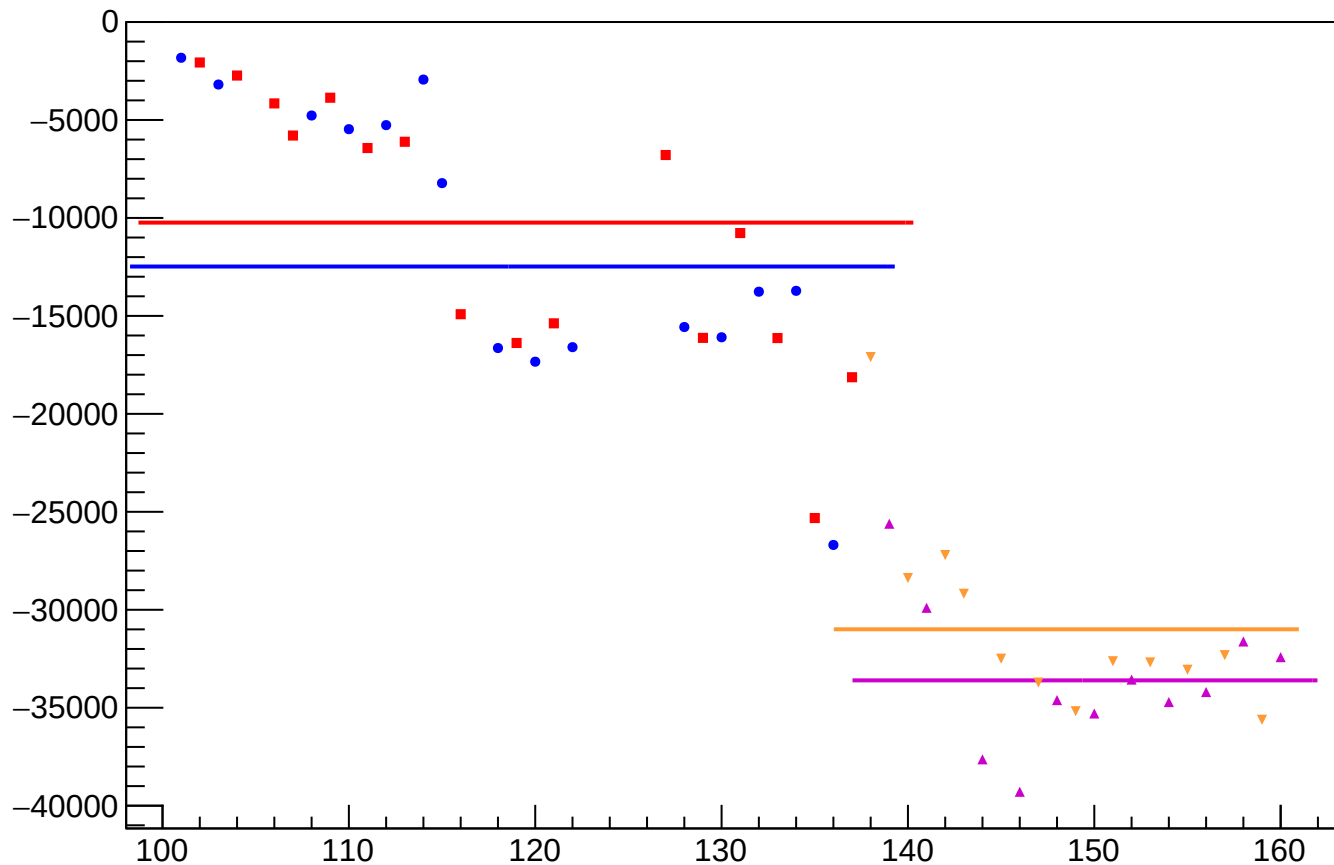
- sign 253.089+/-0.000 χ^2/NDF : 149429007533601

dit_sam5_coil1_Ndata_mean vs Slug



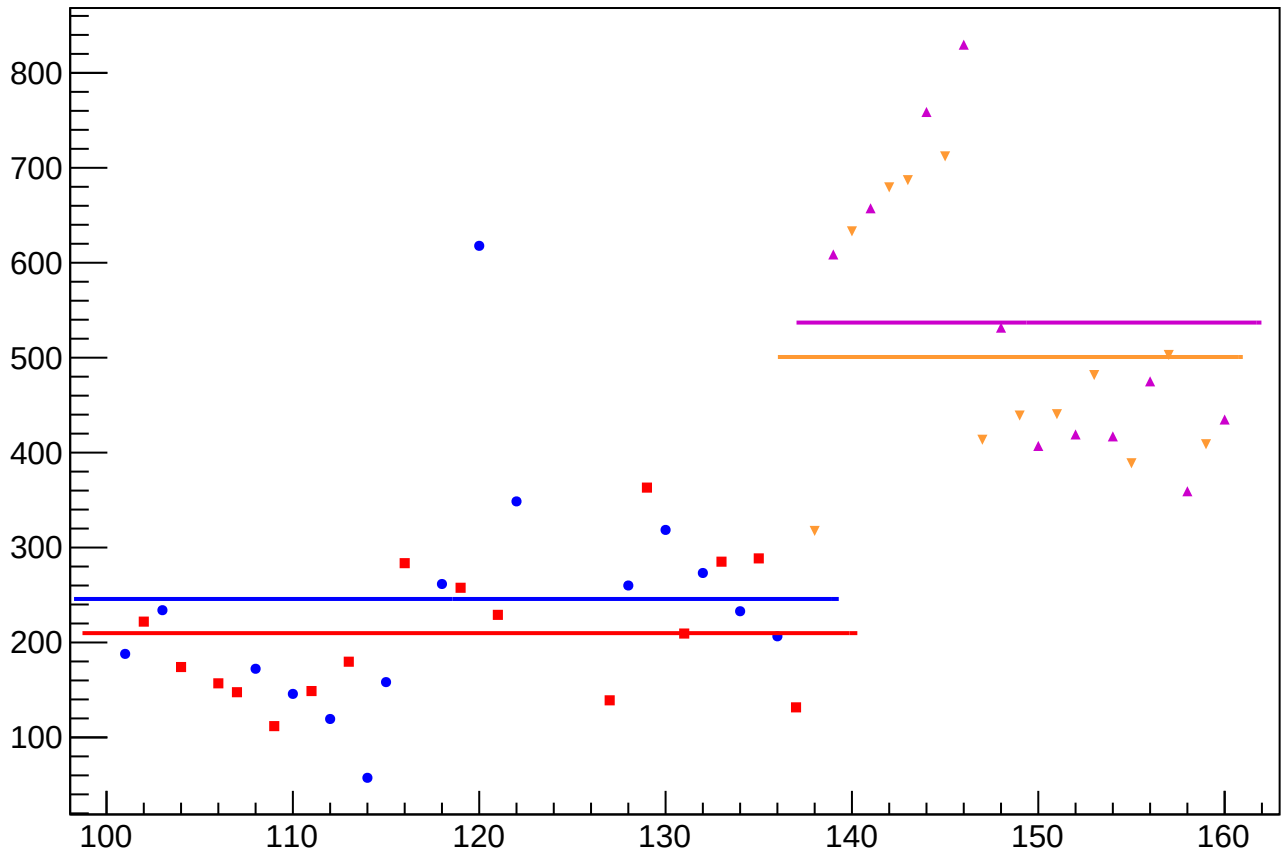
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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

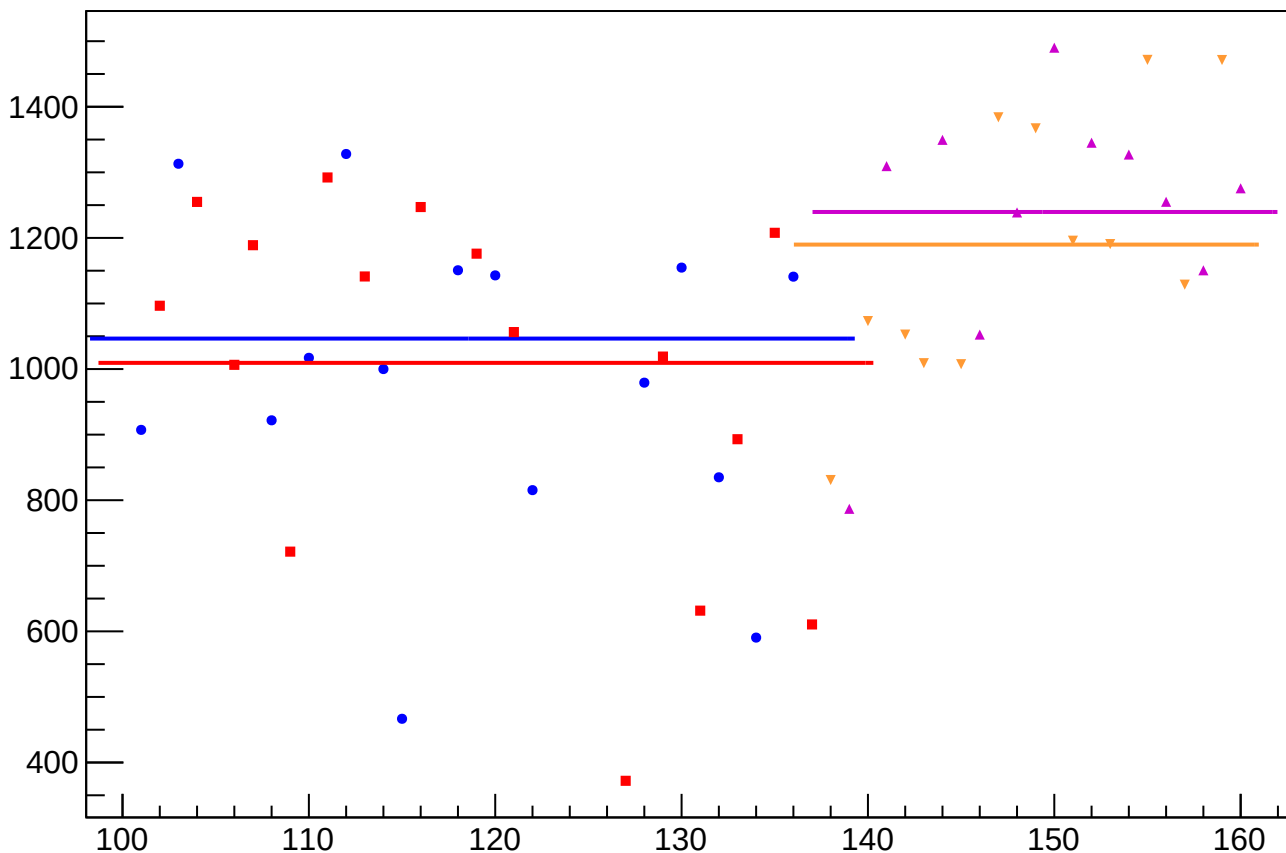
dit_sam6_coil1_err_mean vs Slug



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

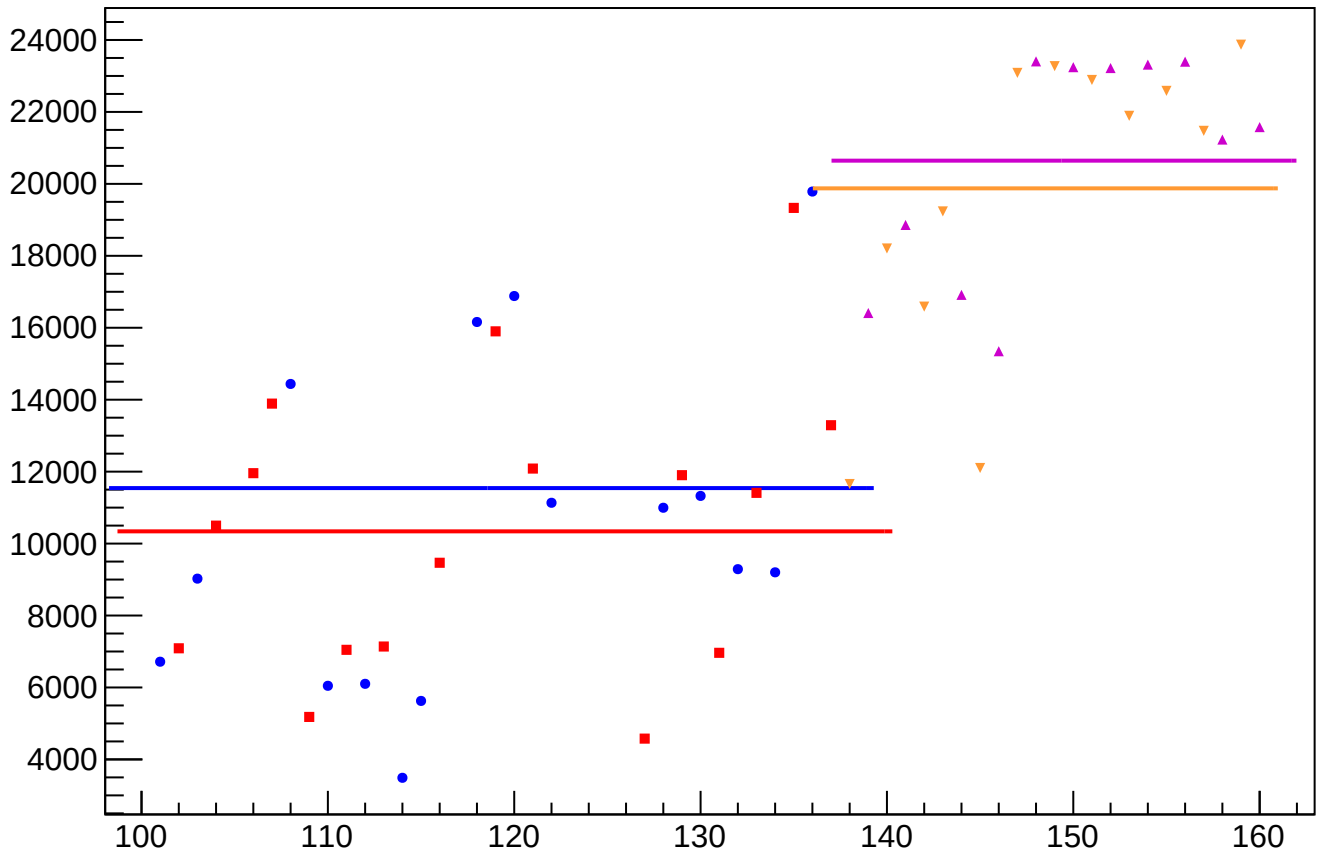
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

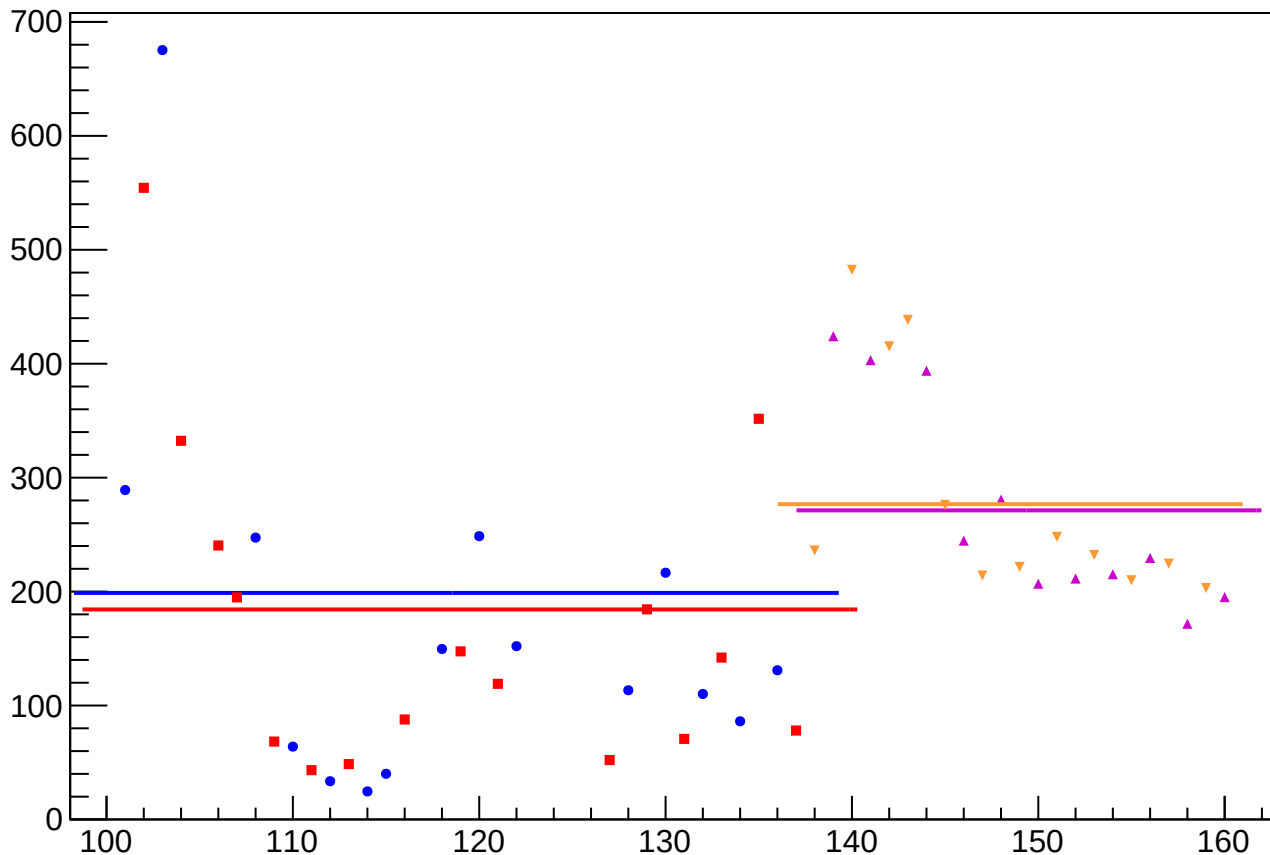
dit_sam7_coil1_mean vs Slug



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

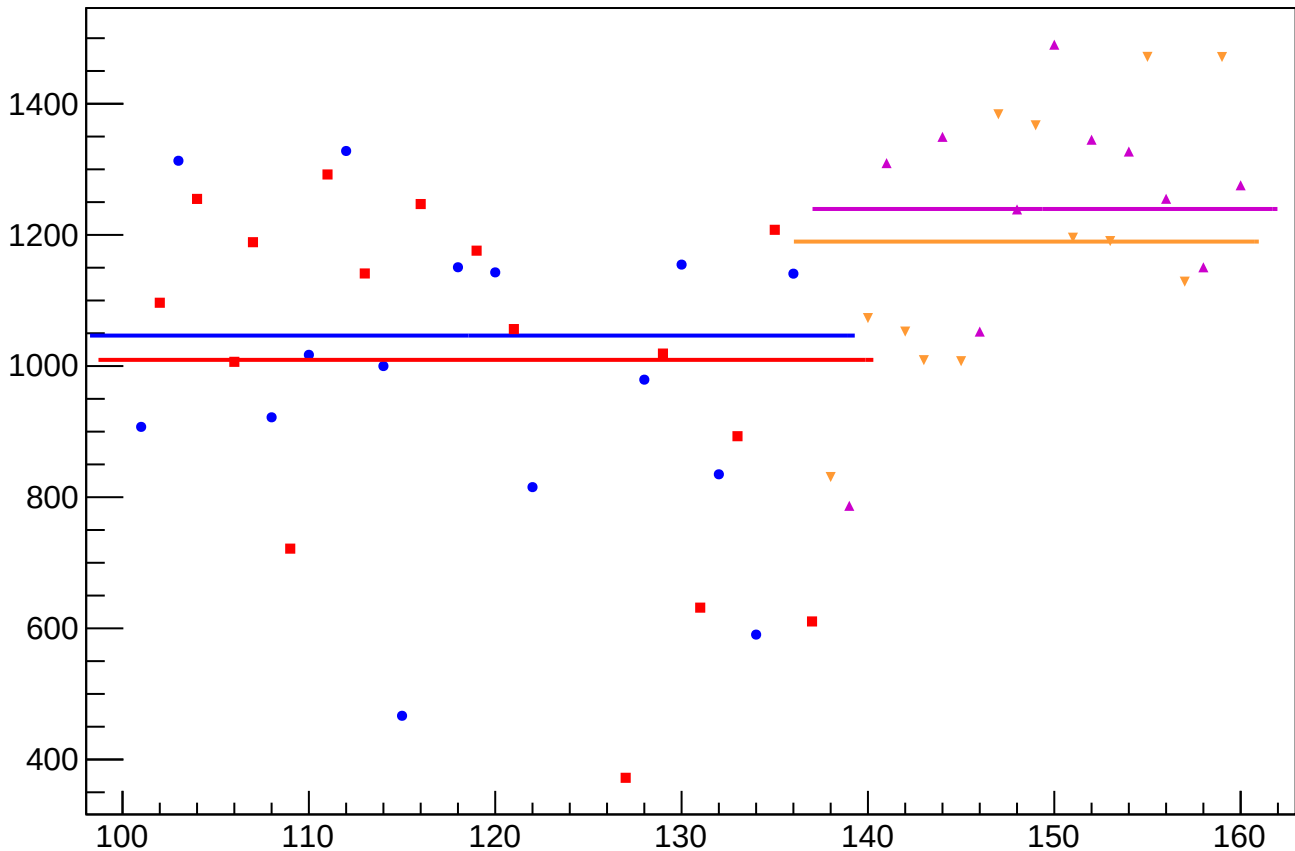
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

+ sign 244.454+/-0.000 χ^2/NDF : 286705297289177

All: 239.606+/-0.000 χ^2/NDF : 53712952906

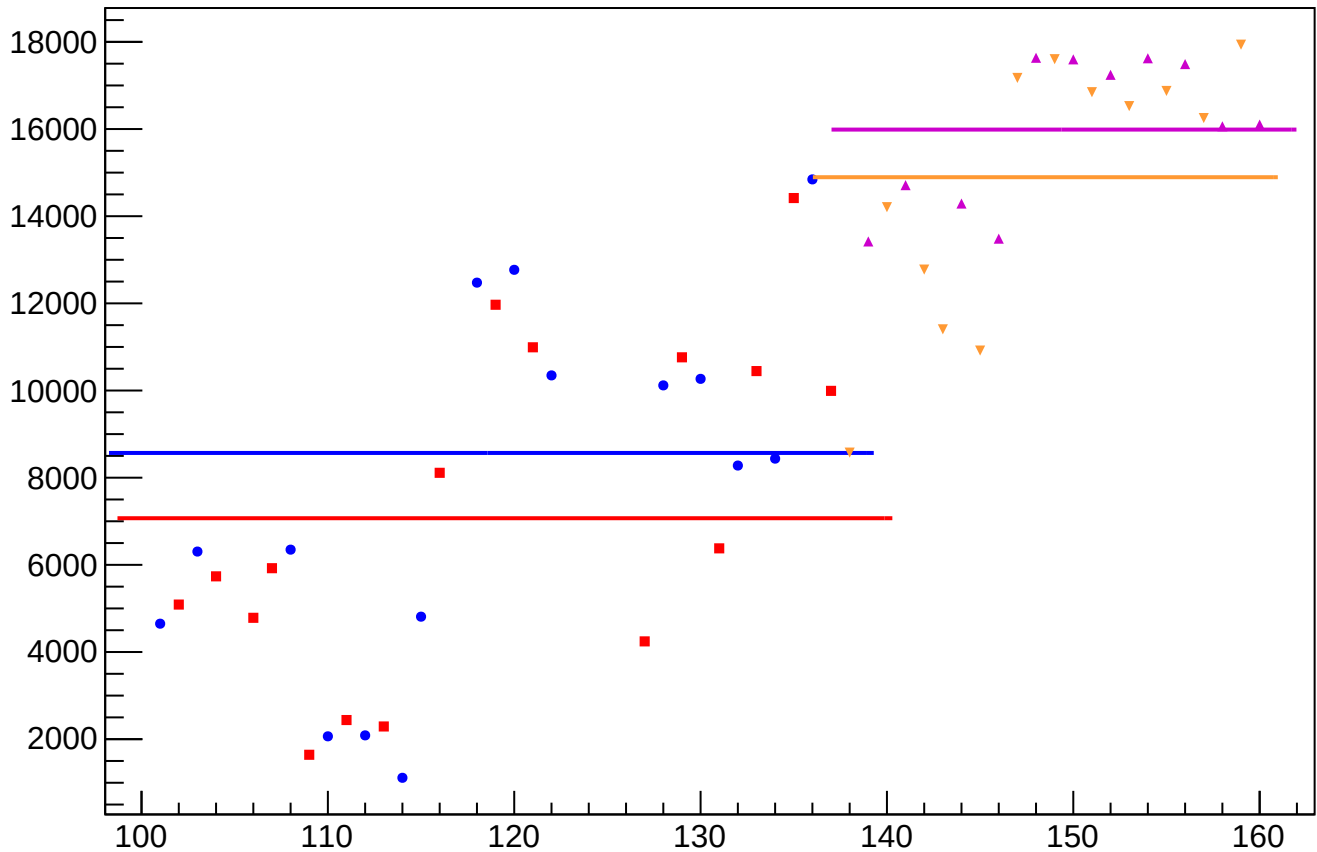
- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

dit_sam7_coil1_Ndata_mean vs Slug



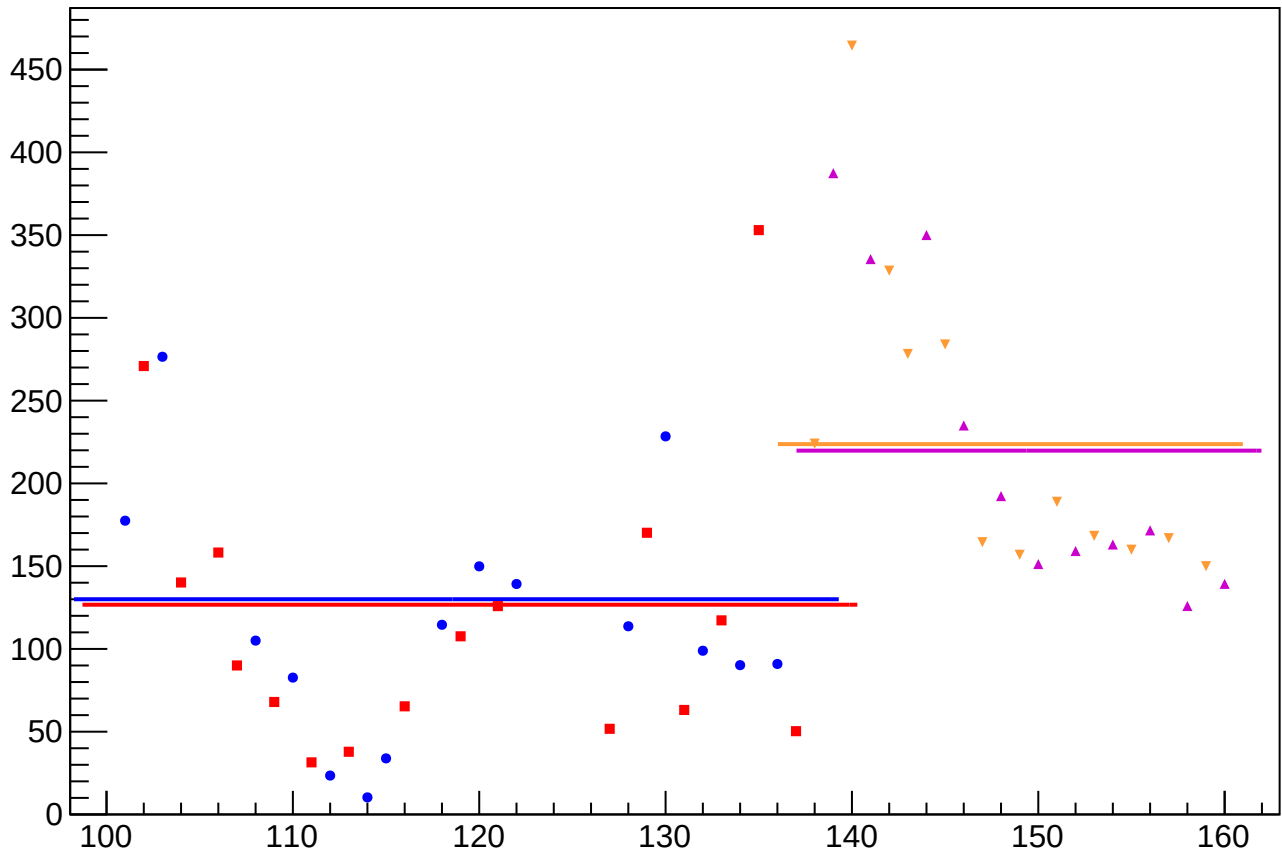
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



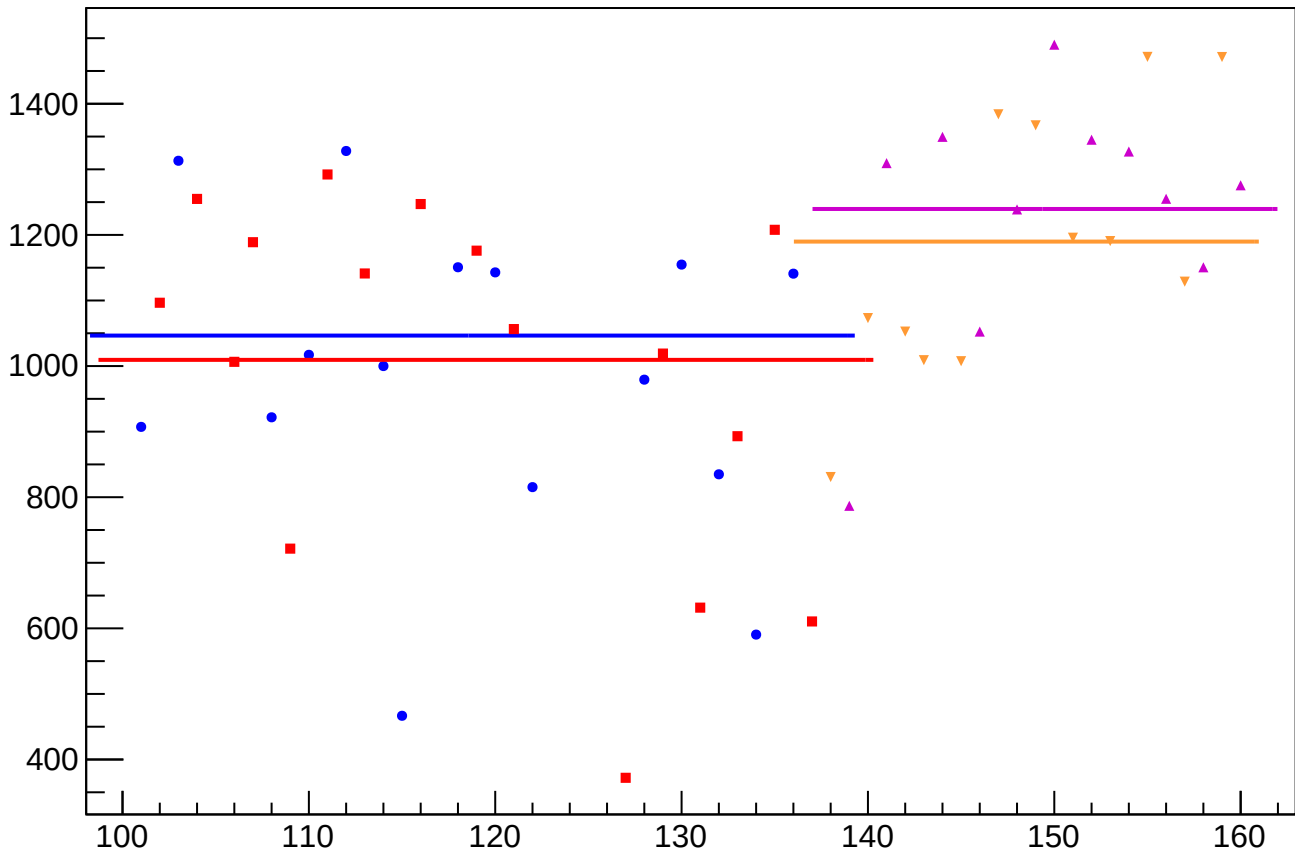
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14894.671+/-0.000 χ^2/NDF : 8196994251162162548782617513195066097664.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



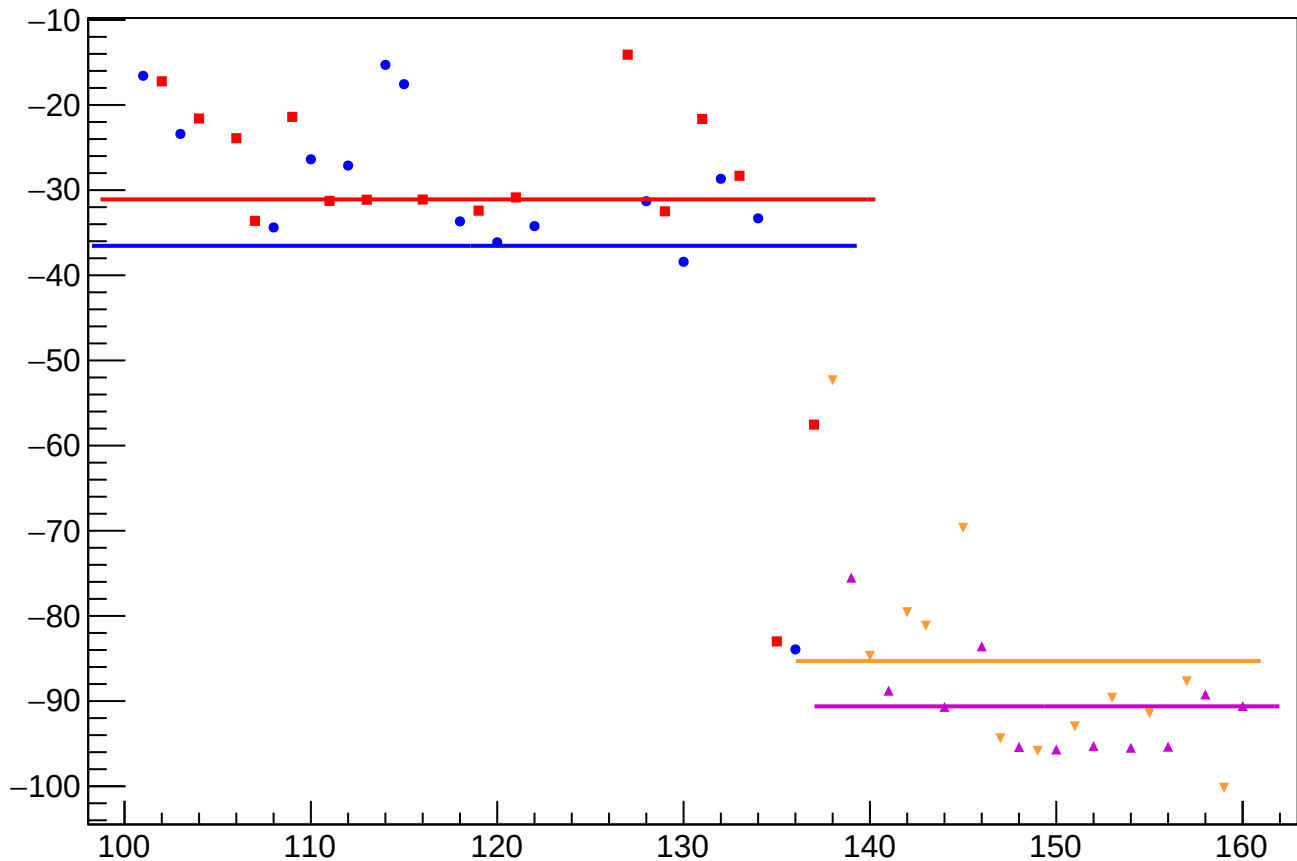
Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Left Out: 223.724+/-0.000 χ^2/NDF : 7769866101258790132911352573971136512.0/11
 Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15
 Left In: 219.787+/-0.000 χ^2/NDF : 7418609629454172879787970620999860224.0/10

dit_sam8_coil1_Ndata_mean vs Slug



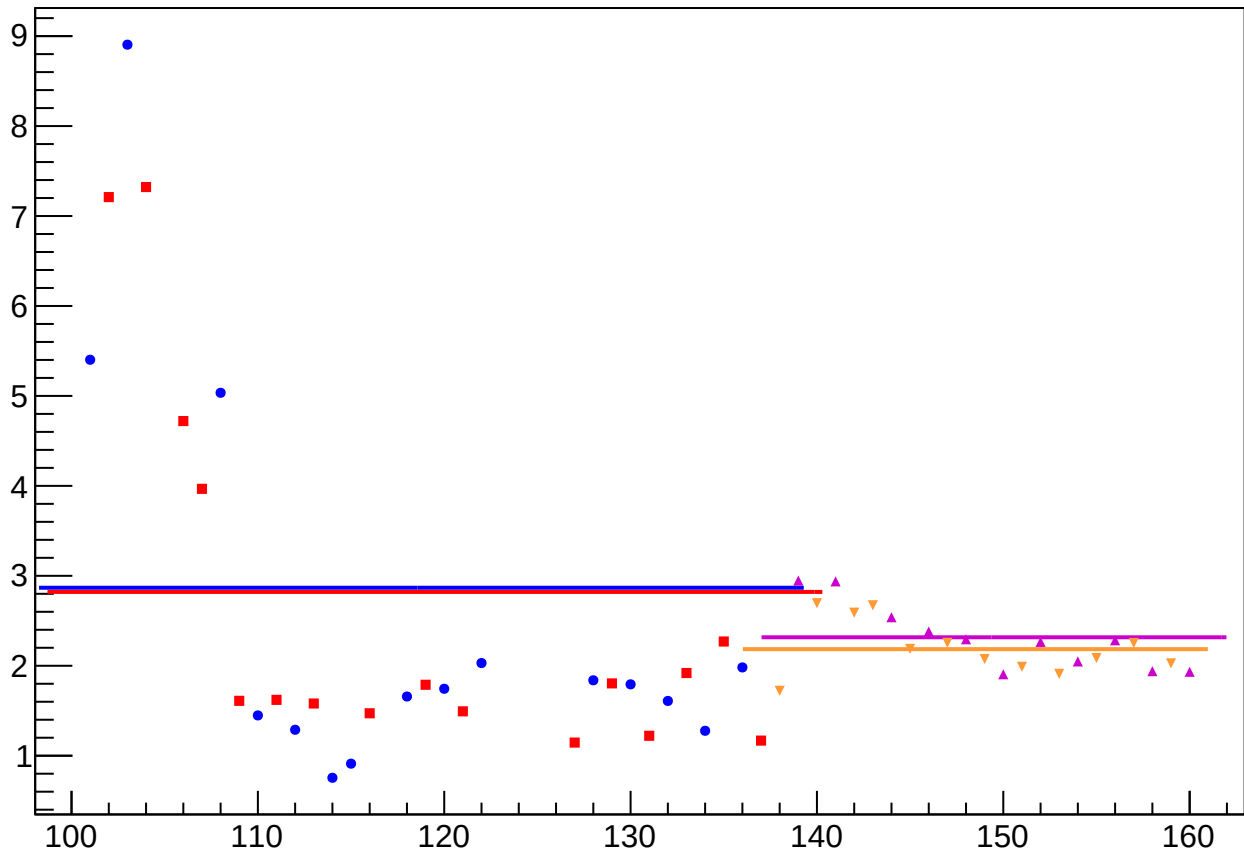
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aX_coil3_mean vs Slug



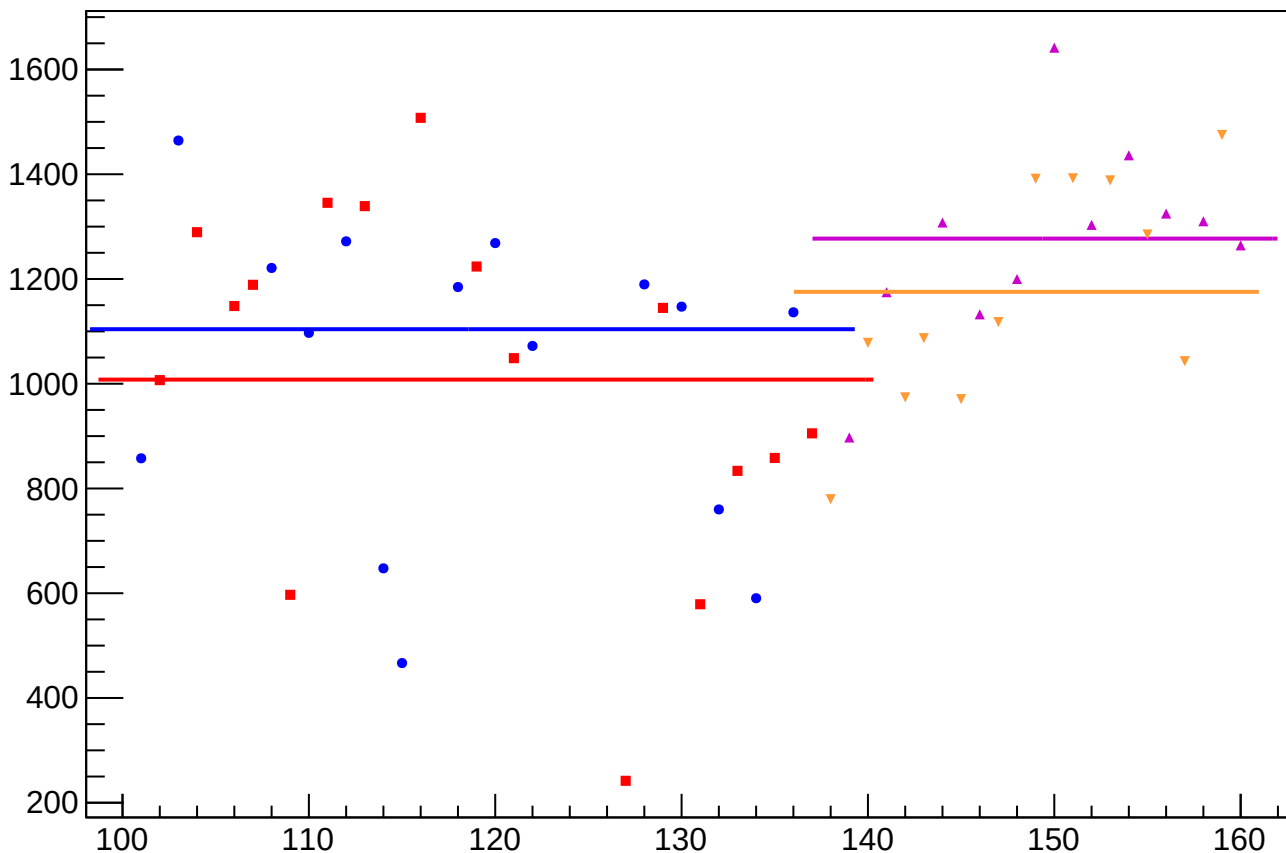
Right In: -36.540+/-0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14
 Left Out: -85.291+/-0.000 χ^2/NDF : 150335186575692047525398073172819968.0/11
 Right Out: -31.085+/-0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15
 Left In: -90.618+/-0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.185+/-0.000 χ^2/NDF : 75501266637773006003816821161984.0/11
 Right Out: 2.821+/-0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.317+/-0.000 χ^2/NDF : 114372564725079889099013285216256.0/10

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

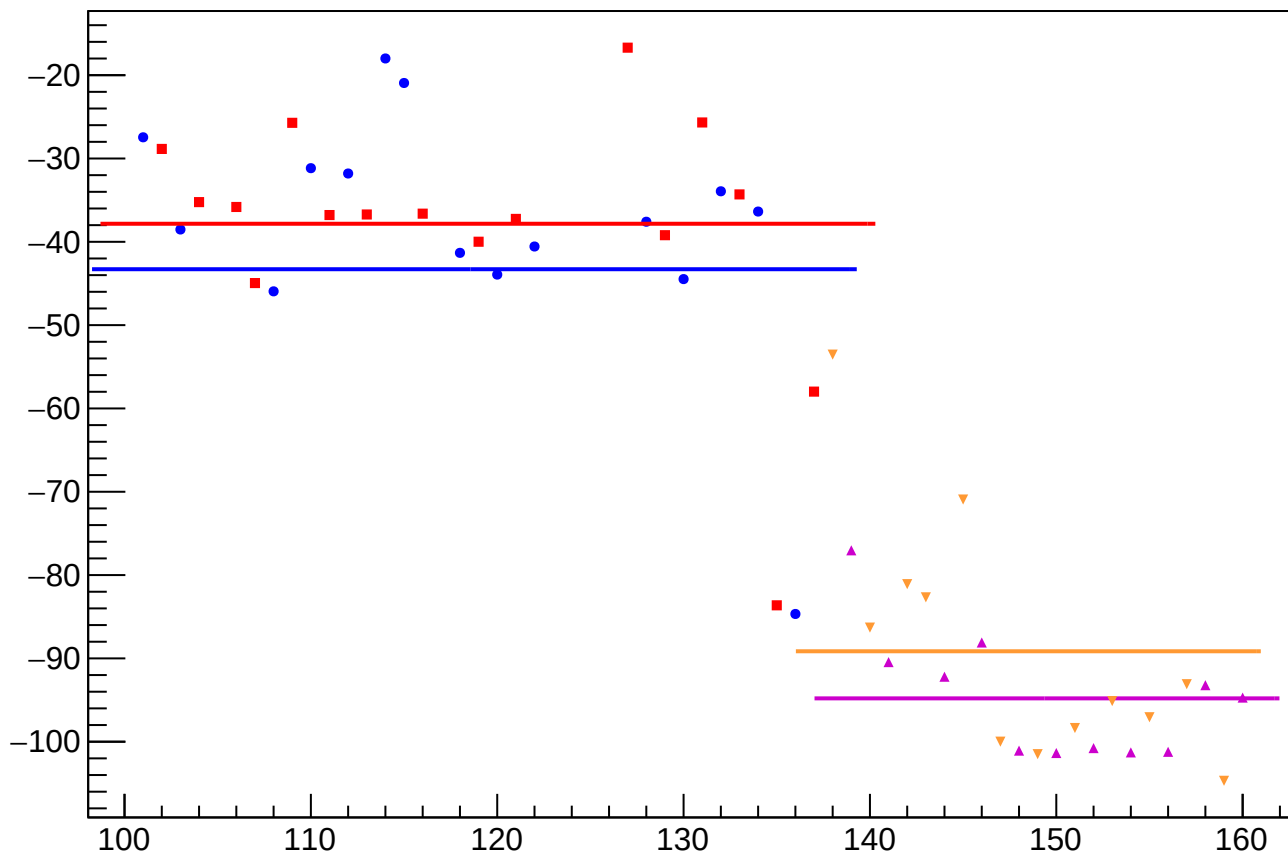
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

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

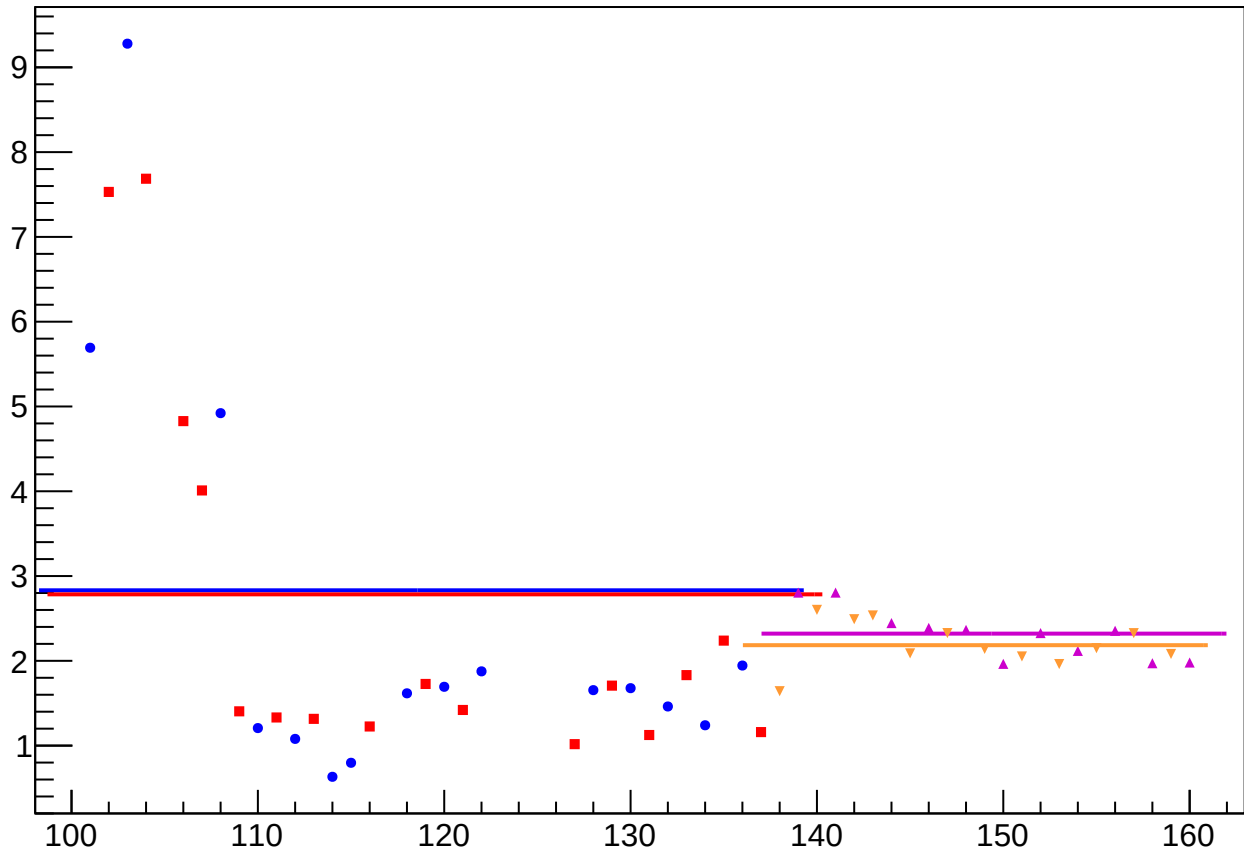
Left In: -94.799 ± 0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

+ 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

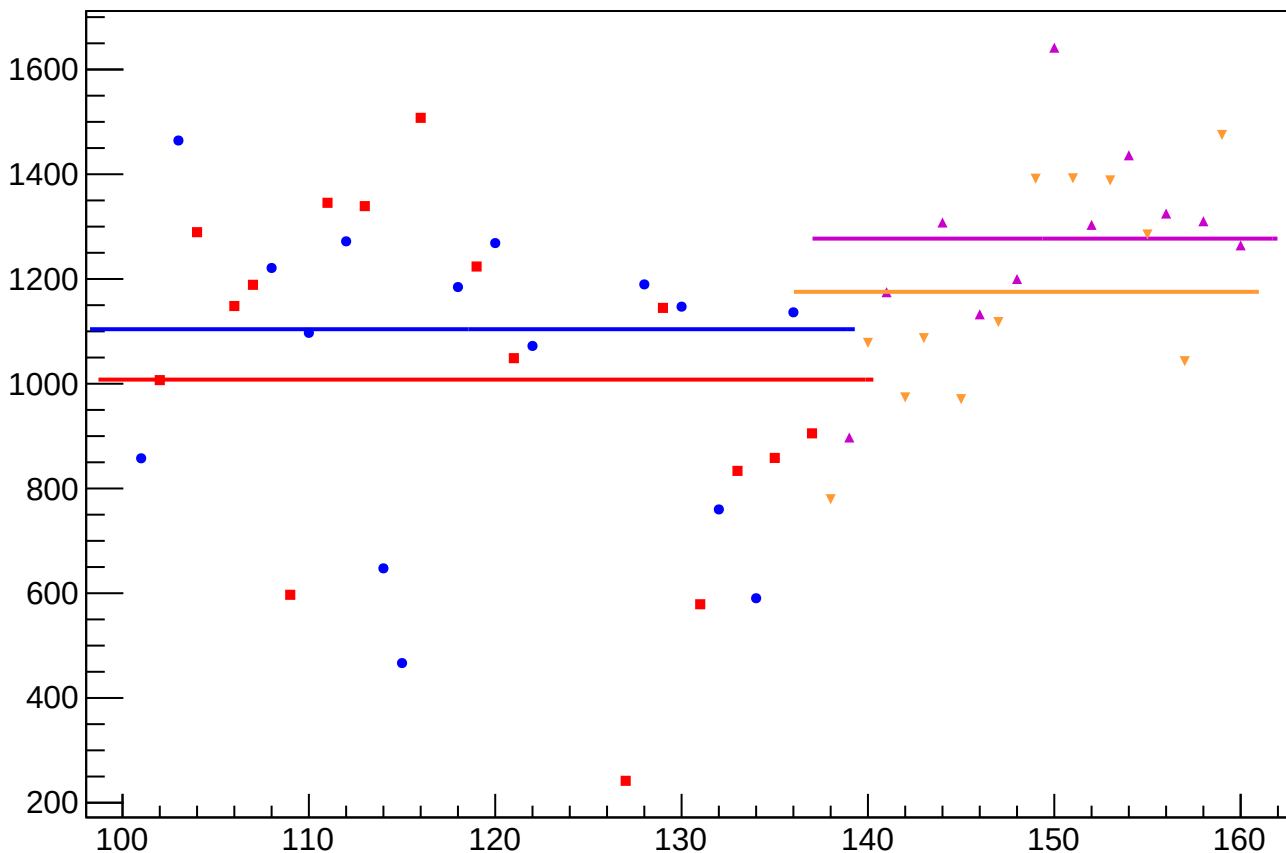
dit_4eX_coil3_err_mean vs Slug



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

+ sign 2.453+/-0.000 χ^2/NDF : 41772543306903893
 All: 2.484+/-0.000 χ^2/NDF : 79276435575179
 - sign 2.515+/-0.000 χ^2/NDF : 37473289103826657

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

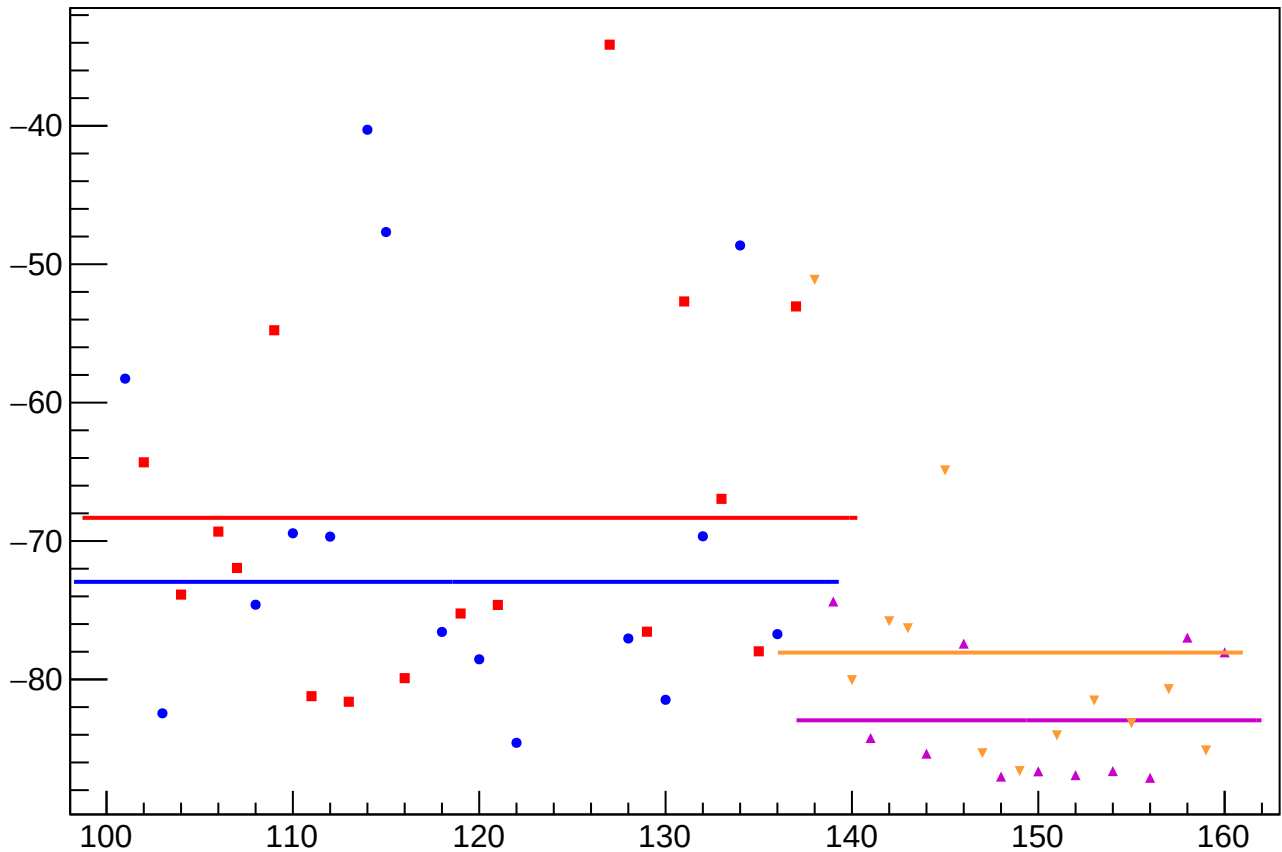
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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



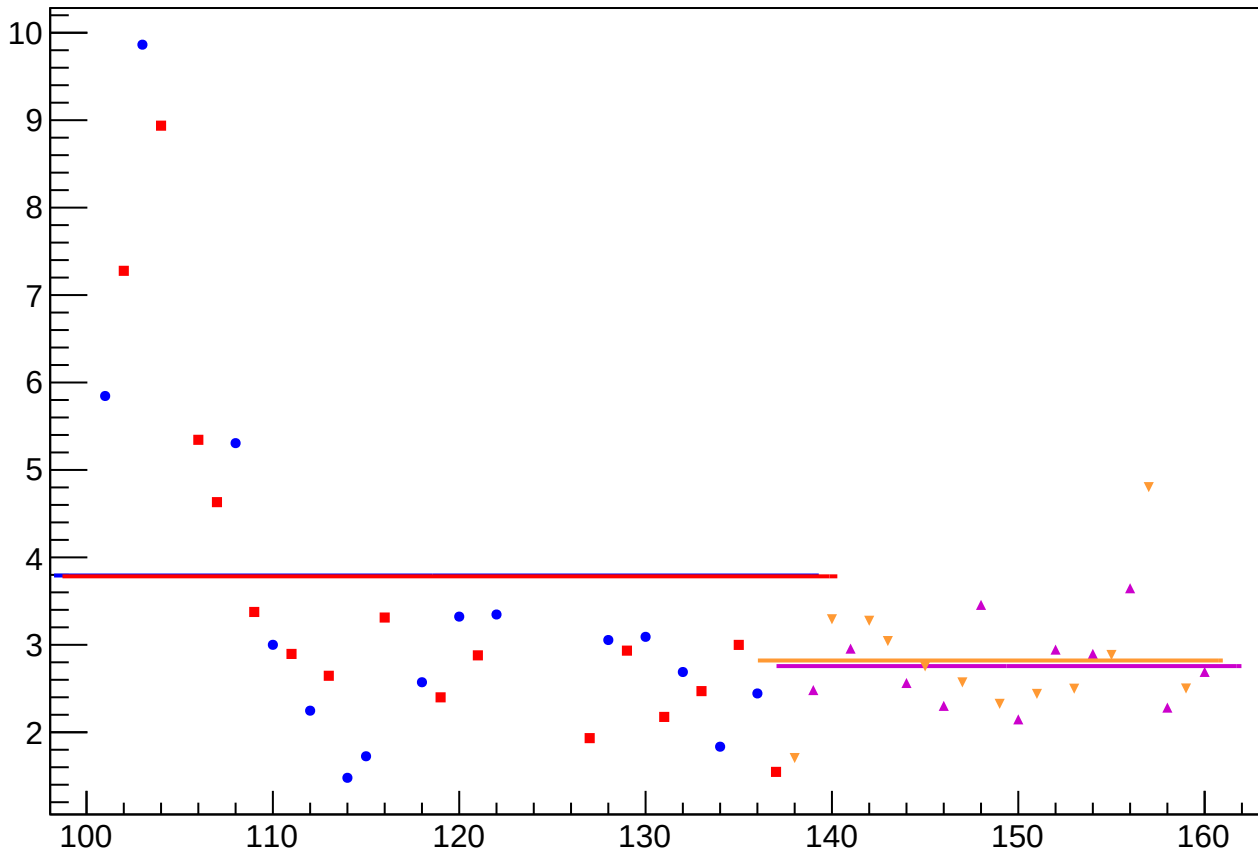
Right In: -72.949 ± 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

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

+ sign 3.224+/-0.000 χ^2/NDF : 40575836531962354

Left Out: 2.821+/-0.000 χ^2/NDF : 493082555580785627275797679046656.0/11

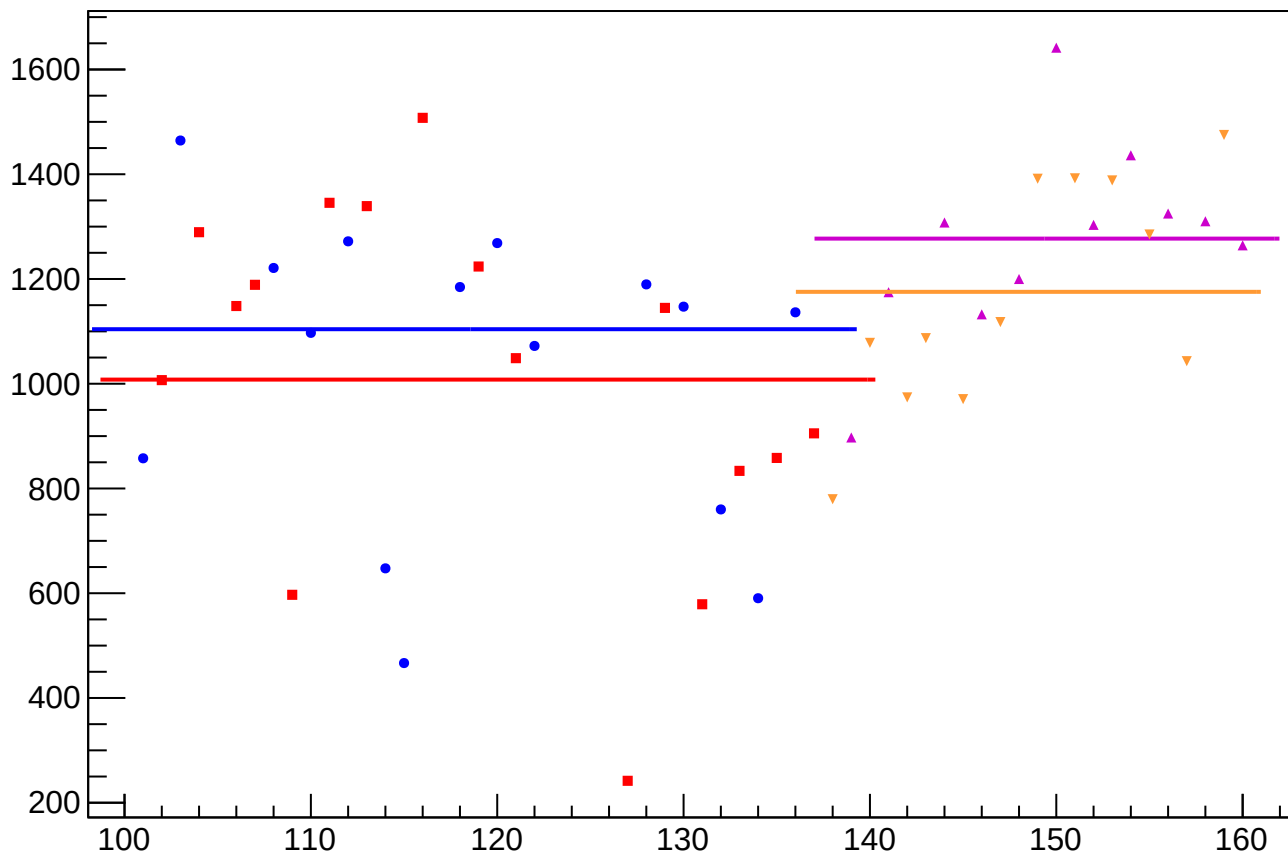
All: 3.205+/-0.000 χ^2/NDF : 7537104631784

Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15

- sign 3.187+/-0.000 χ^2/NDF : 34784647083313673

Left In: 2.757+/-0.000 χ^2/NDF : 191720746547732306226054042746880.0/10

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

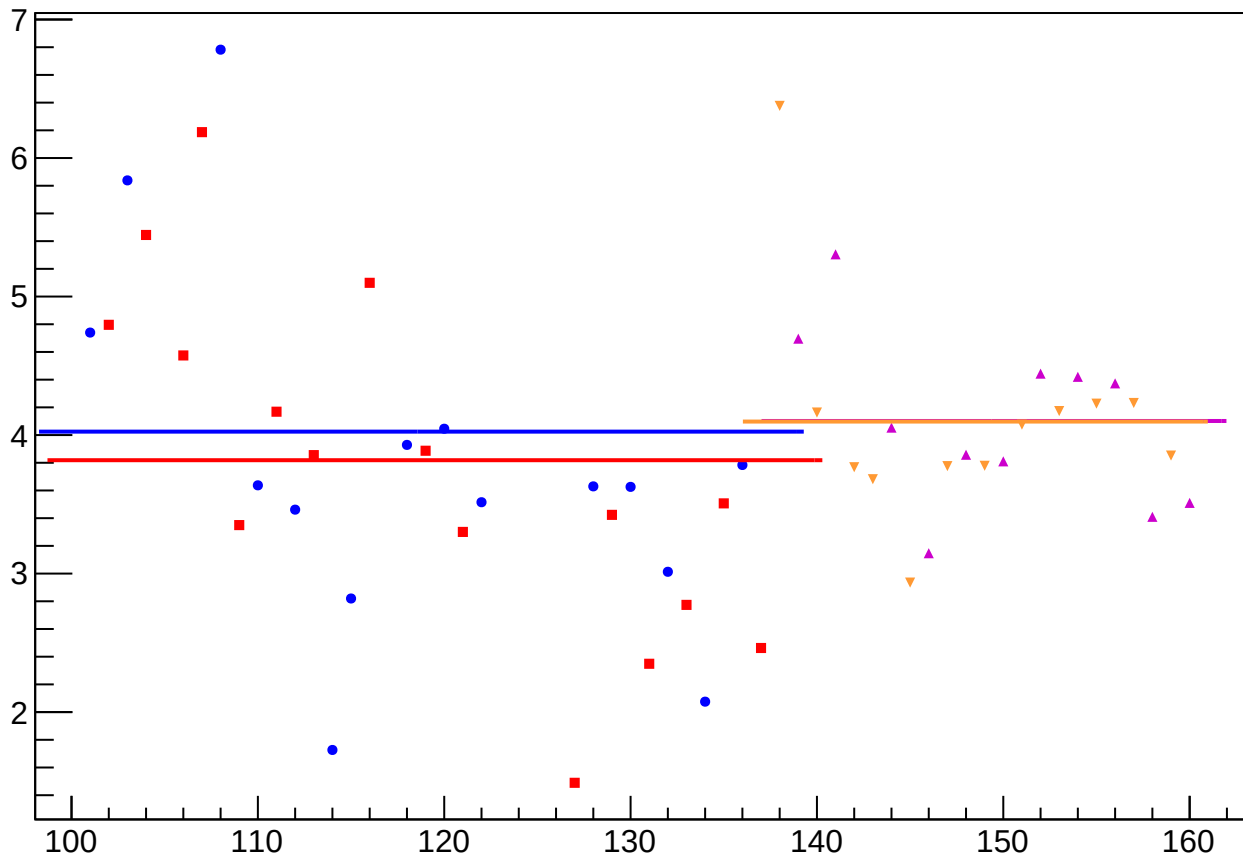
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 2016331328

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.098+/-0.000 χ^2/NDF : 556317927026663328650590815256576.0/11

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

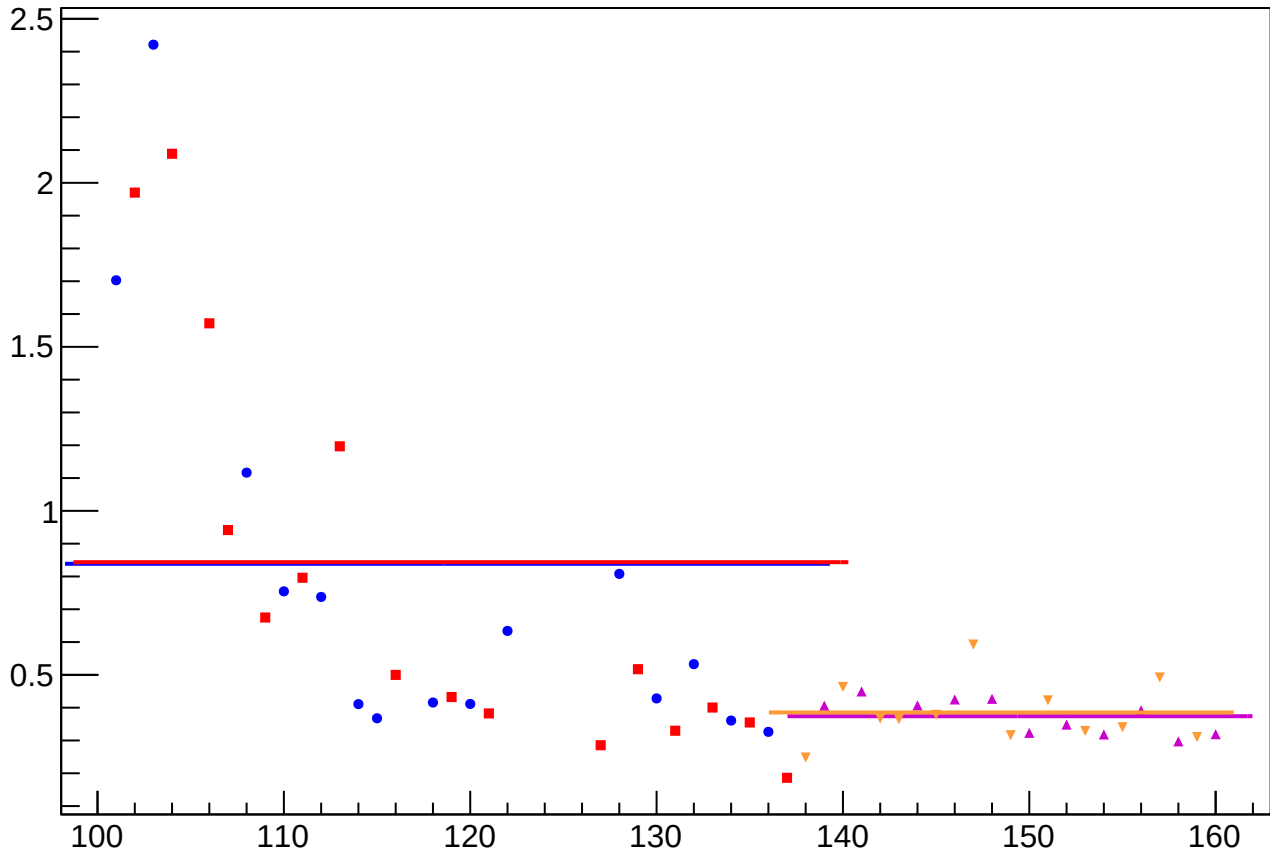
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

All: 4.025+/-0.000 χ^2/NDF : 25822220881669

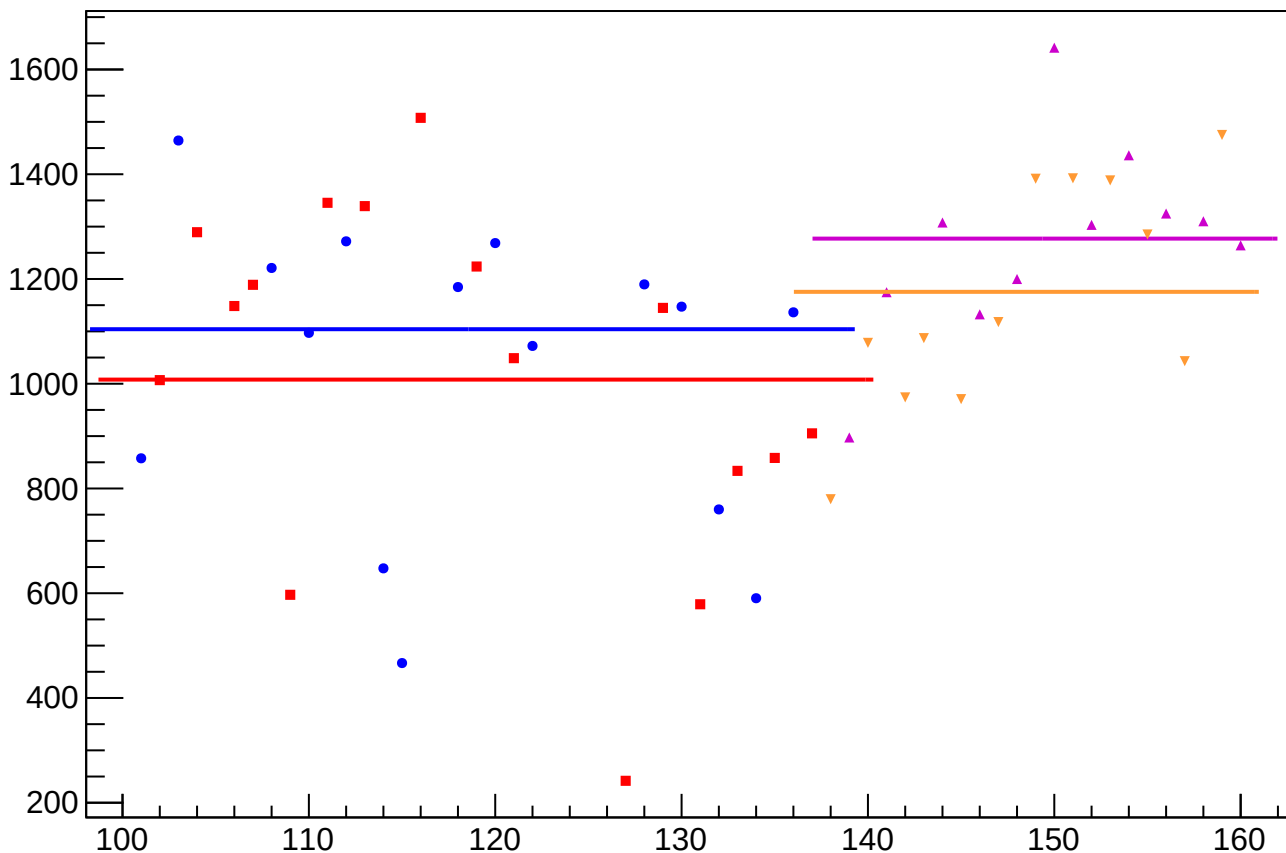
+ sign 4.067+/-0.000 χ^2/NDF : 13273278579594570

- sign 3.983+/-0.000 χ^2/NDF : 12492685976346881

dit_4aY_coil3_err_mean vs Slug



dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

+ sign 1145.901 $\pm$ 0.000 χ^2 /NDF: 74640424030704

Left Out: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11

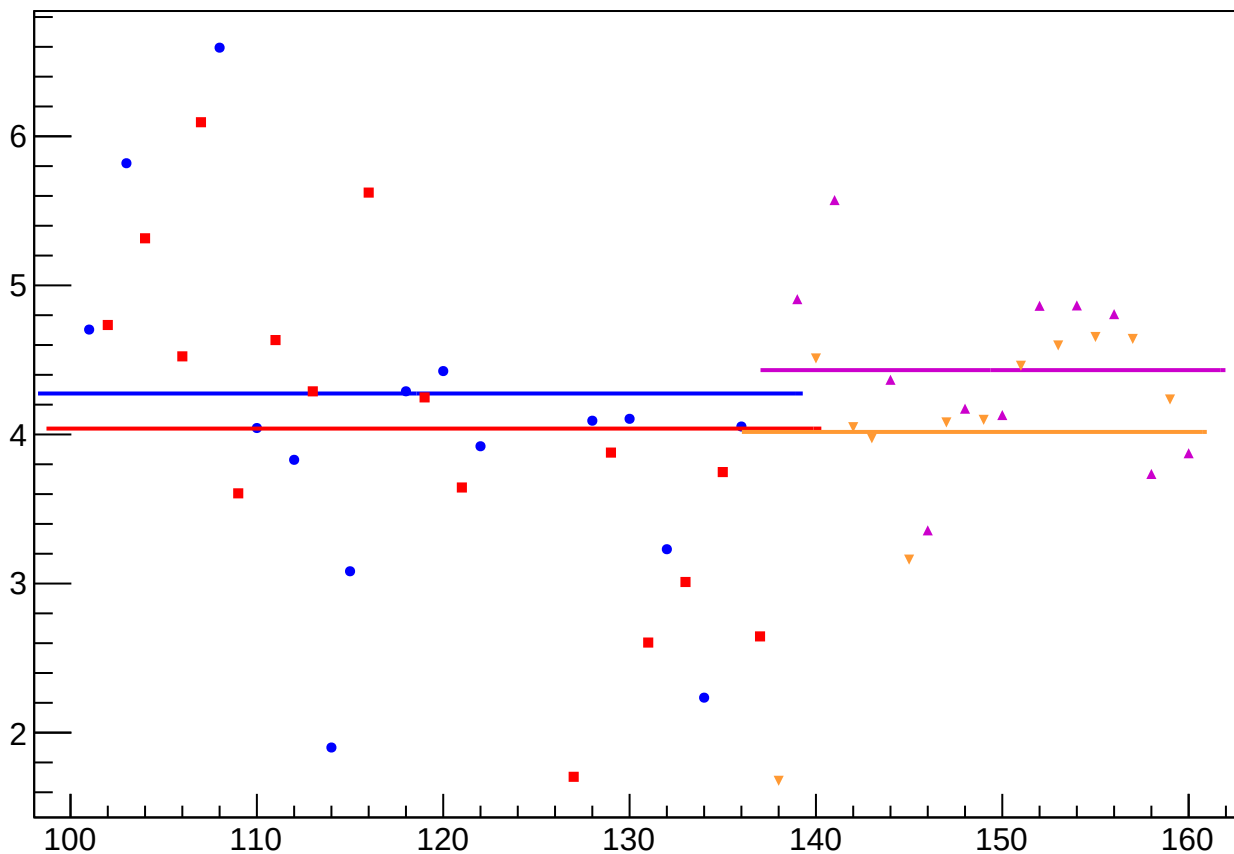
All: 1155.145 $\pm$ 0.000 χ^2 /NDF: 2016331328

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 4.017+/-0.000 χ^2/NDF : 618248057516763535647221148024832.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

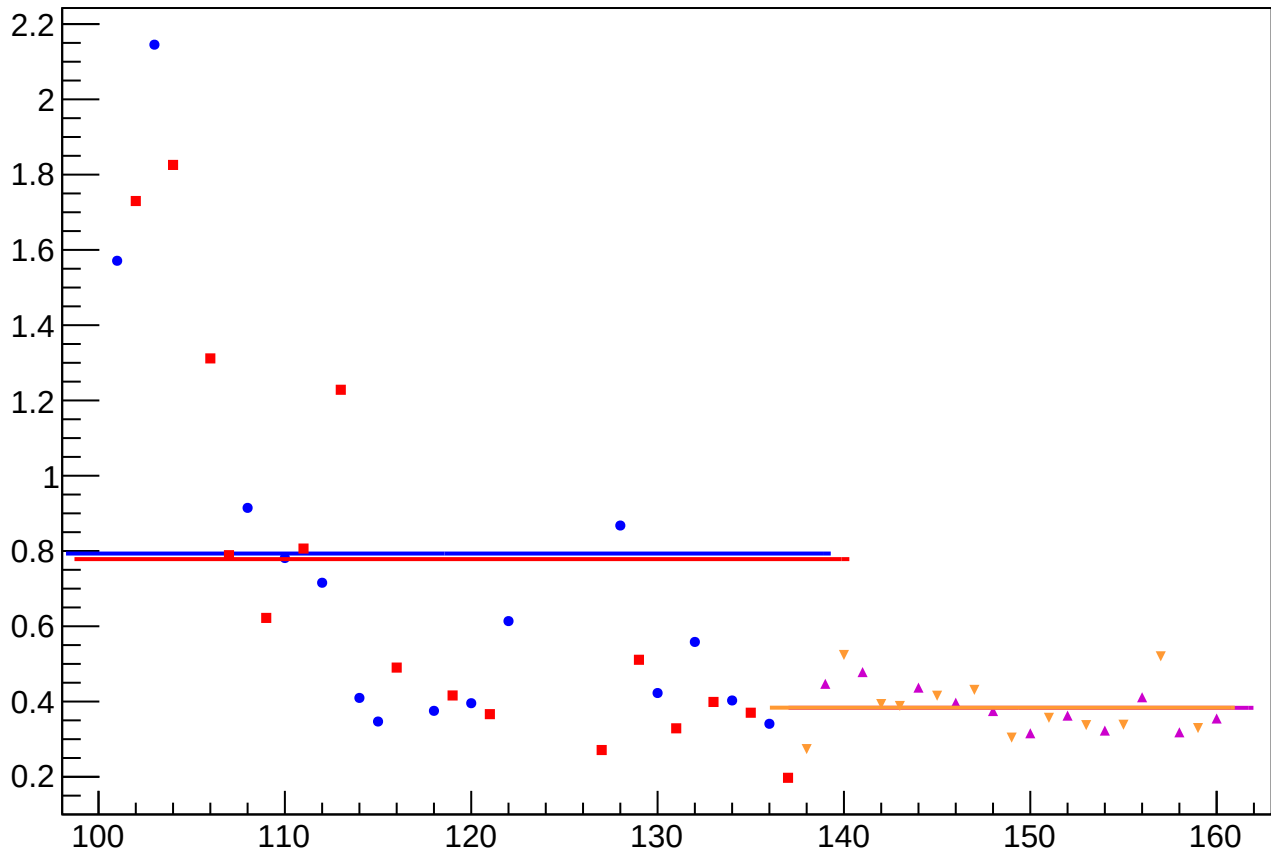
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.124+/-0.000 χ^2/NDF : 12406832910445444

All: 4.196+/-0.000 χ^2/NDF : 24344292560010

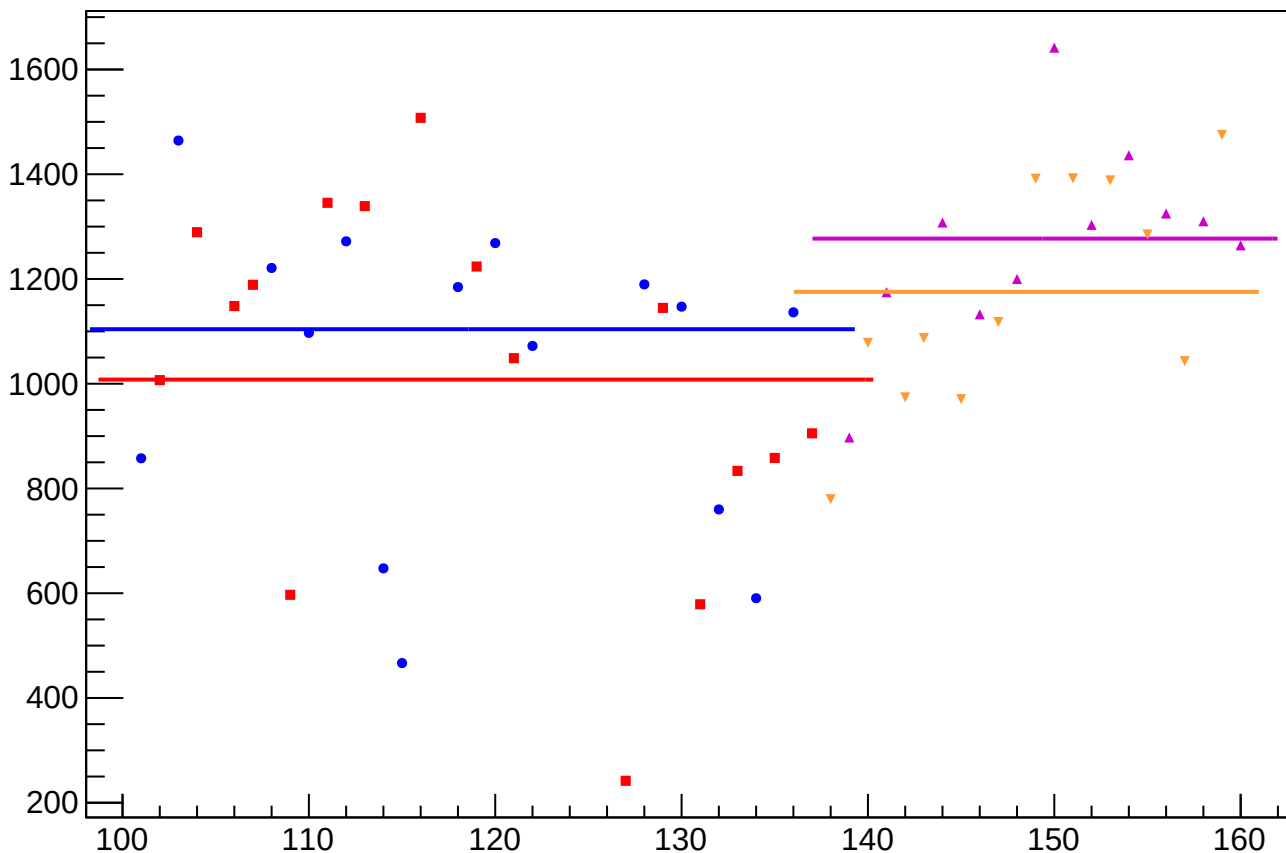
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000	χ^2/NDF : 195508777173589483440314700005376.0/14	+ sign 0.553 $\pm$ 0.000	χ^2/NDF : 26468780298138332
Left Out: 0.384 $\pm$ 0.000	χ^2/NDF : 5453192114665634094551262035968.0/11	All: 0.551 $\pm$ 0.000	χ^2/NDF : 5136149138399
Right Out: 0.778 $\pm$ 0.000	χ^2/NDF : 185814635772183306063903690063872.0/15	- sign 0.549 $\pm$ 0.000	χ^2/NDF : 24891120675551359
Left In: 0.383 $\pm$ 0.000	χ^2/NDF : 2618375268437967875049691021312.0/10		

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

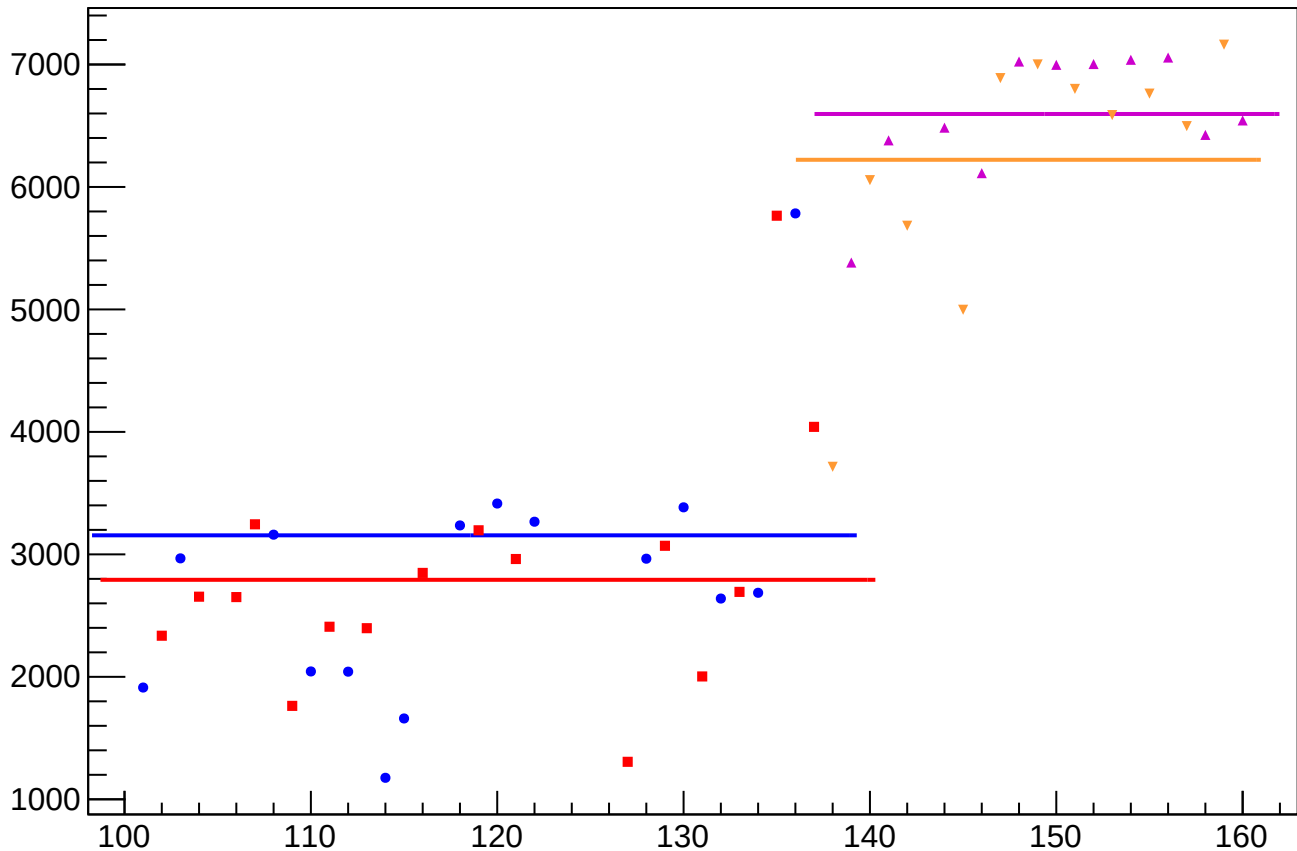
All: 1155.145+/-0.000 χ^2/NDF : 2016331328

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

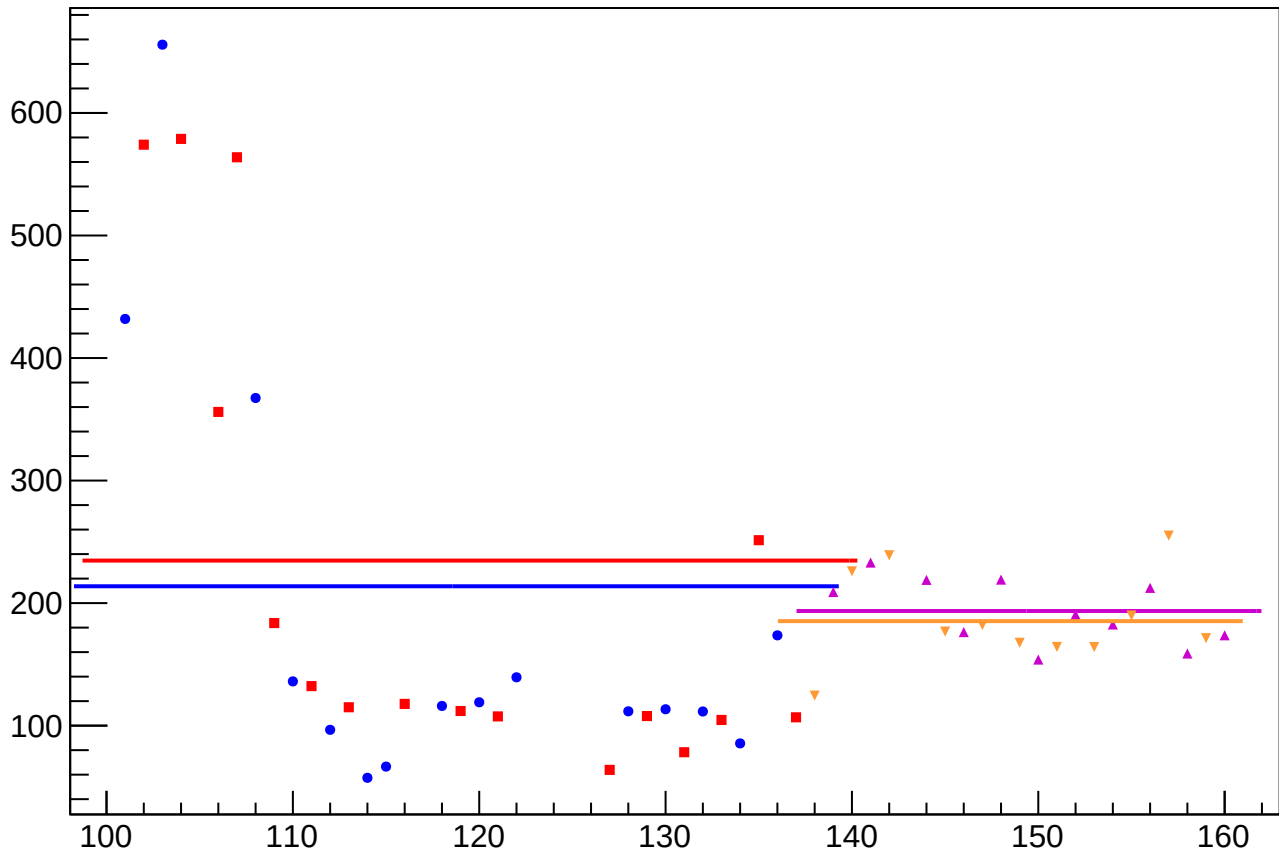
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 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+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

+ sign 197.608+/-0.000 χ^2/NDF : 210796902102864

Left Out: 185.291+/-0.000 χ^2/NDF : 1063728674006350590661838746148667392.0/10

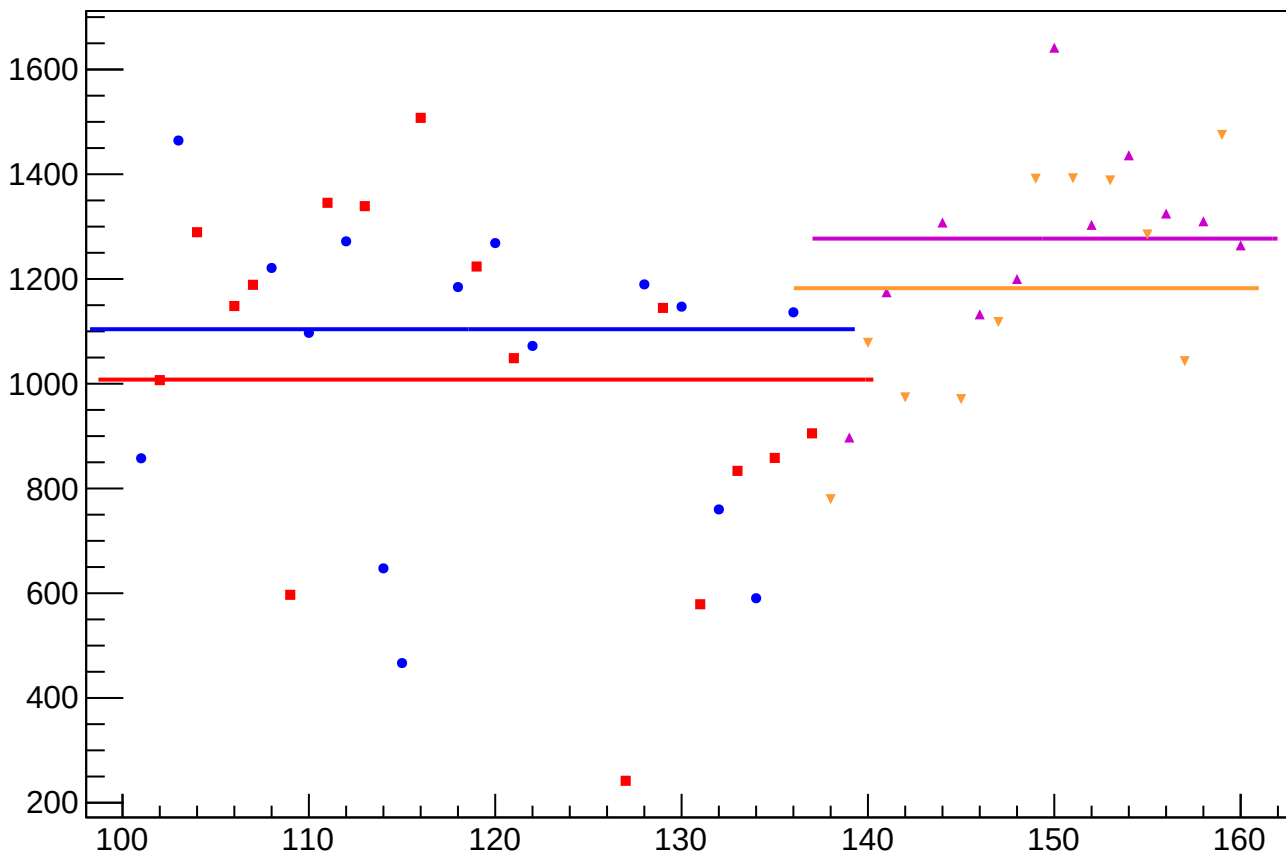
All: 204.402+/-0.000 χ^2/NDF : 464826944089

Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

- sign 210.803+/-0.000 χ^2/NDF : 252686308073901

Left In: 193.543+/-0.000 χ^2/NDF : 598931150644293332680217057881489408.0/10

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1182.447+/-0.000 χ^2/NDF : 39401916671919600348661592701888626688.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

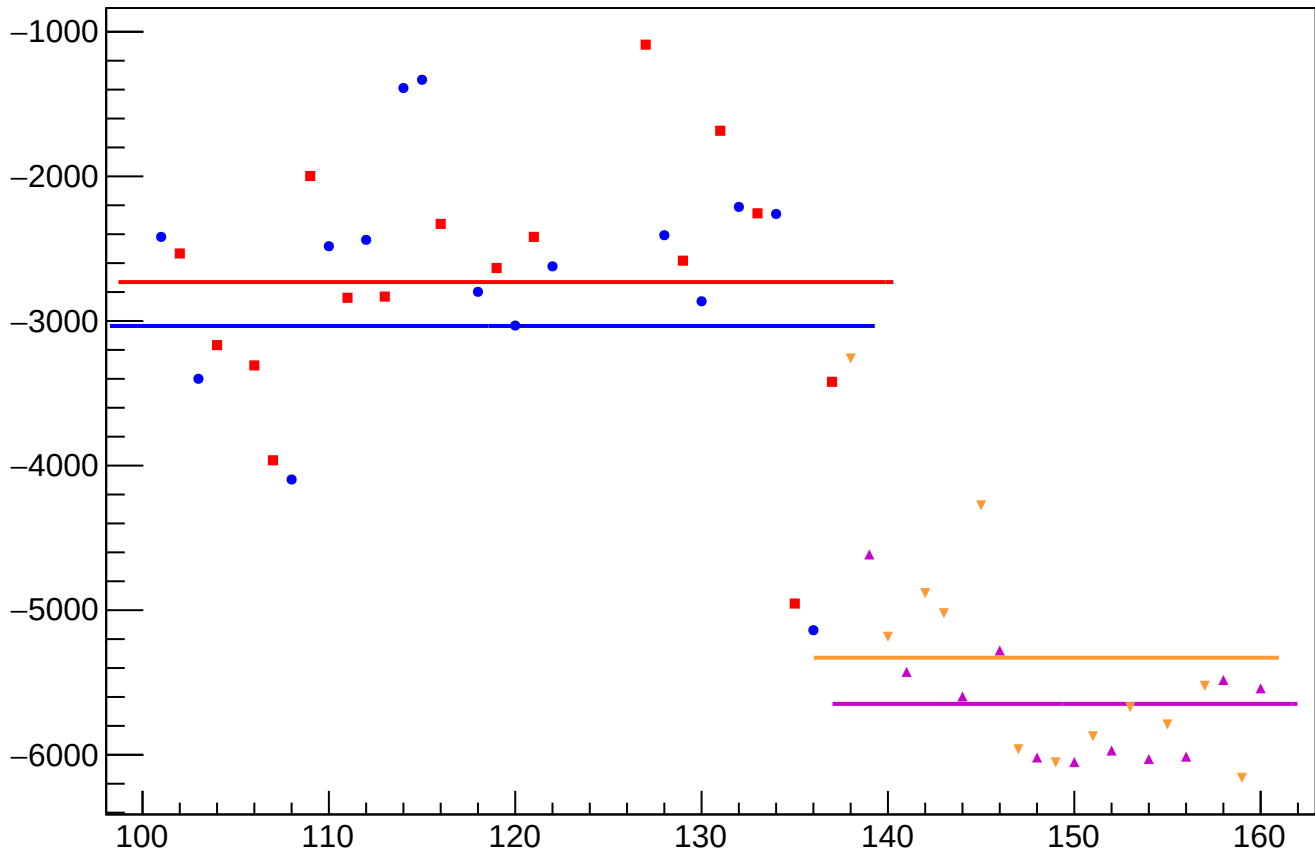
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.531+/-0.000 χ^2/NDF : 74398081441071

All: 1156.621+/-0.000 χ^2/NDF : 20131581499

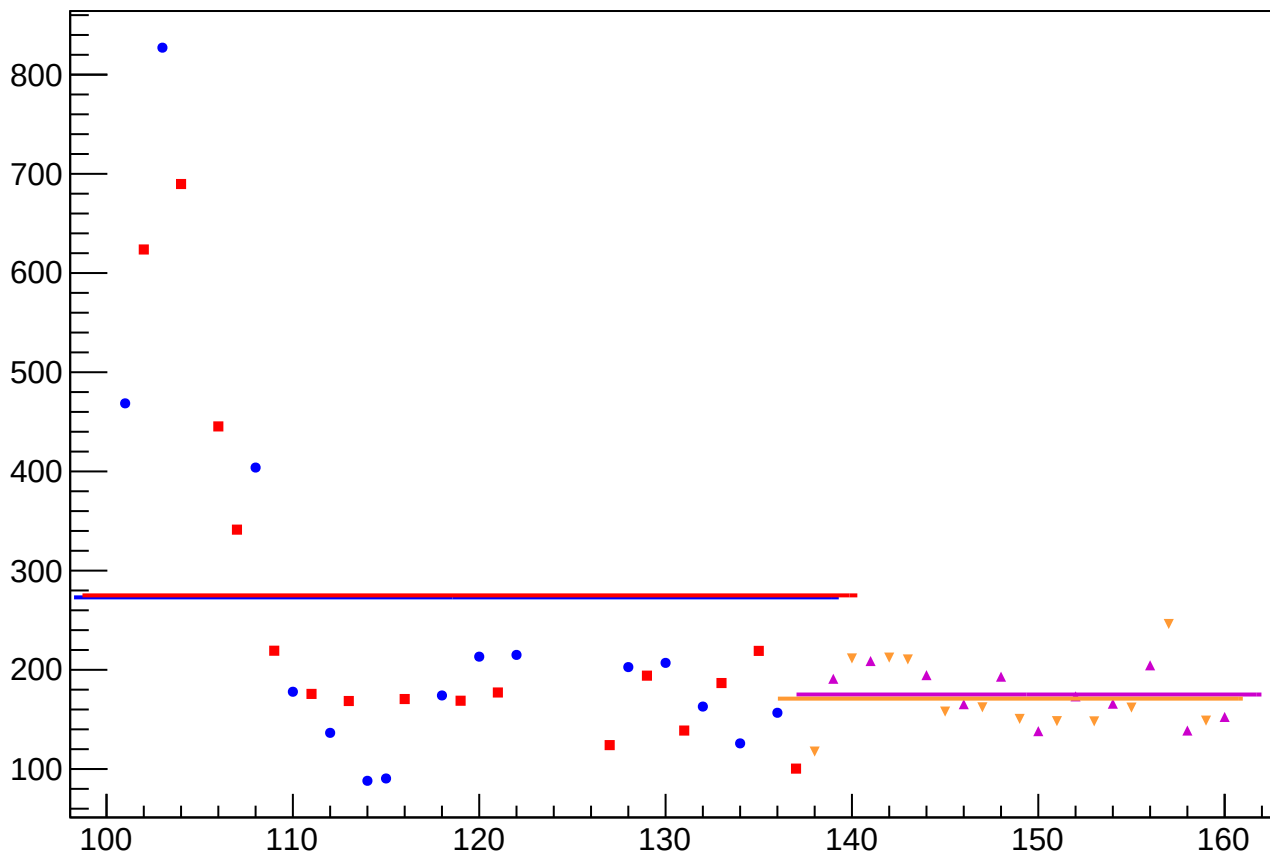
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

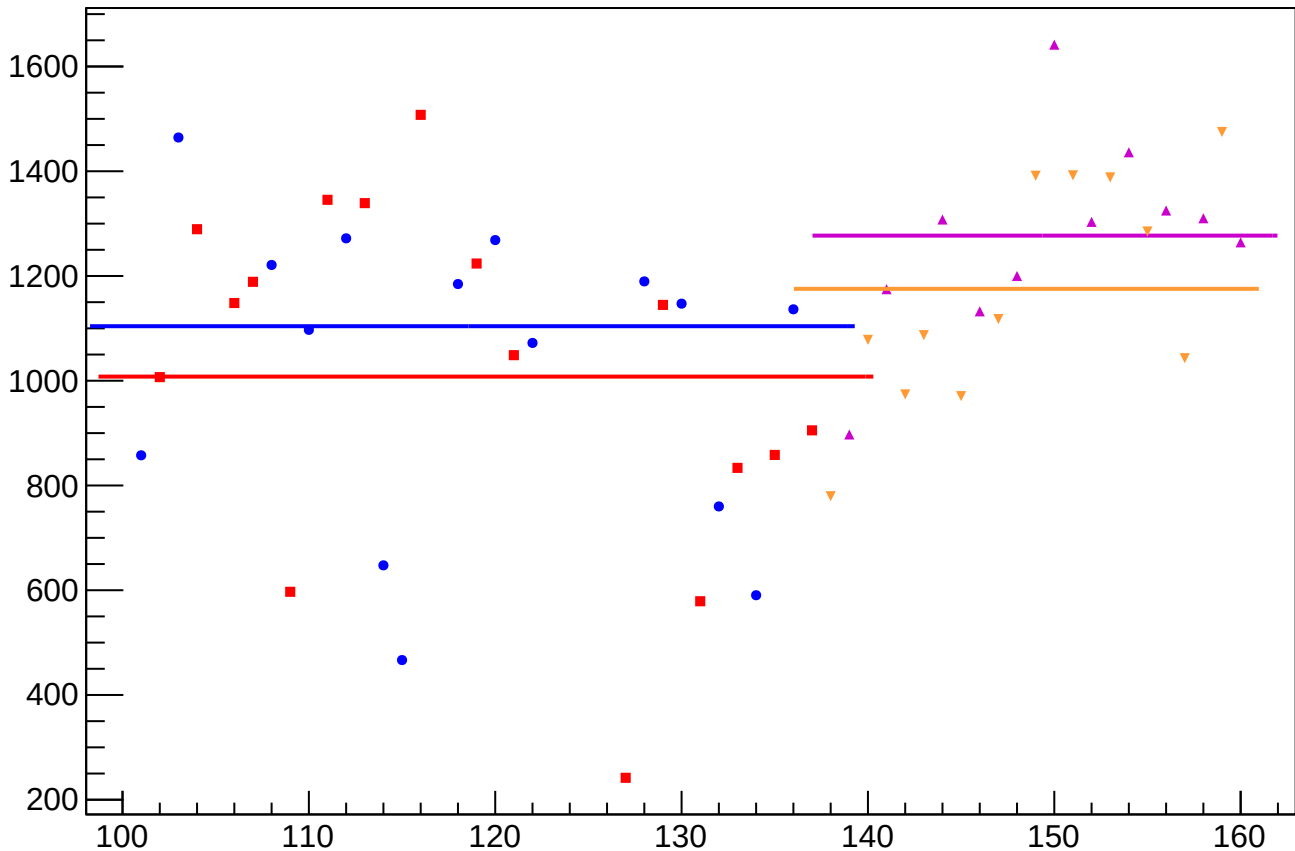
Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10

+ sign 213.262+/-0.000 χ^2/NDF : 316186995366268

All: 215.146+/-0.000 χ^2/NDF : 58296120726

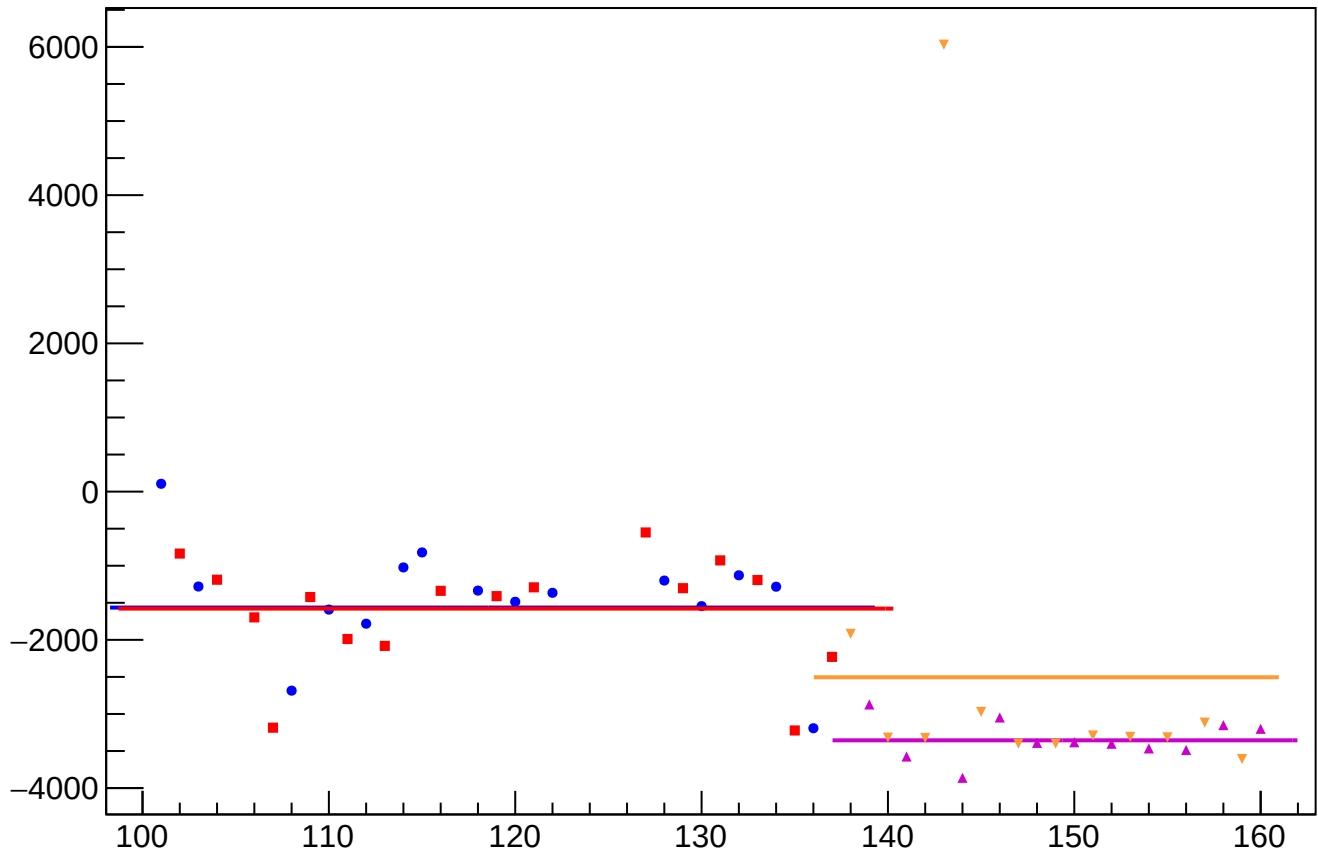
- sign 217.000+/-0.000 χ^2/NDF : 266663969074785

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

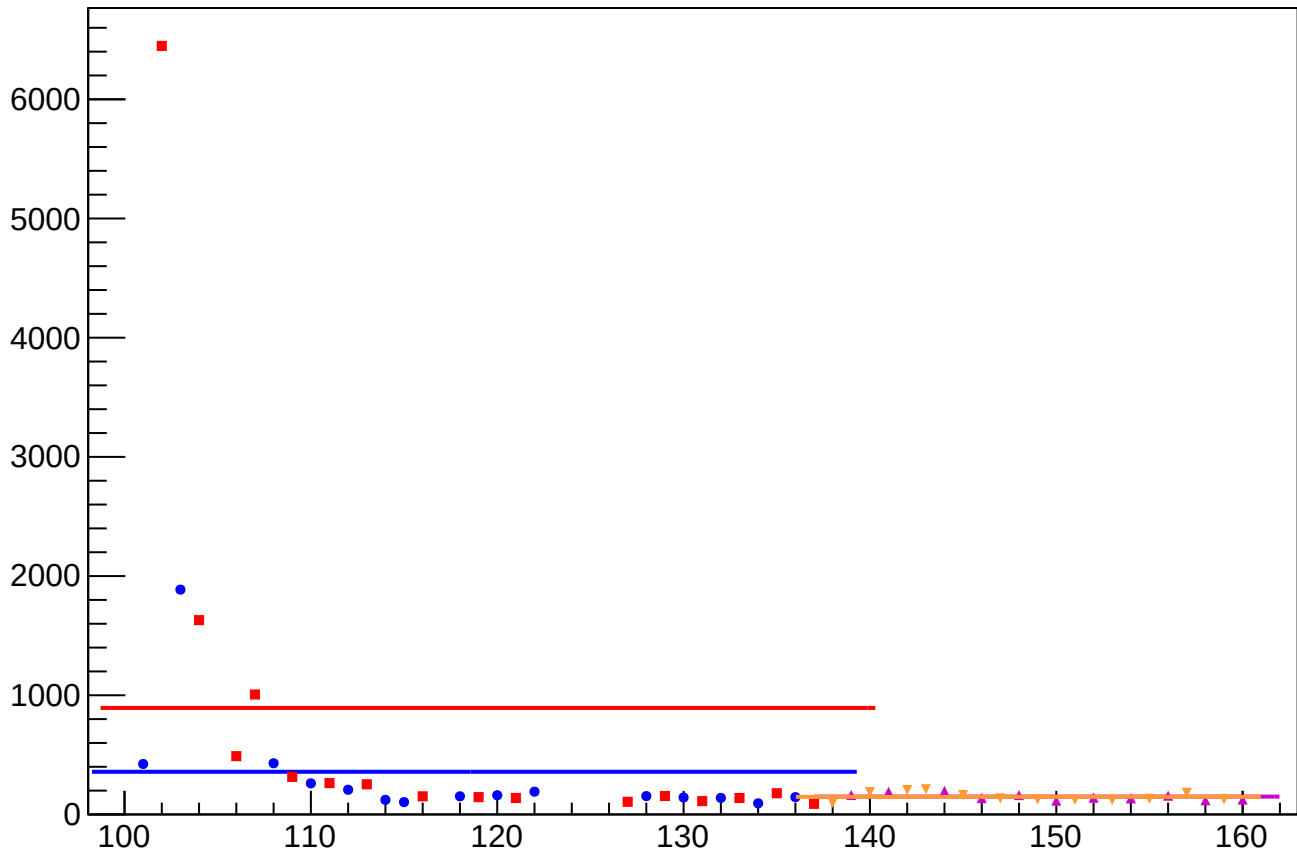
dit_atl1_coil3_mean vs Slug



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

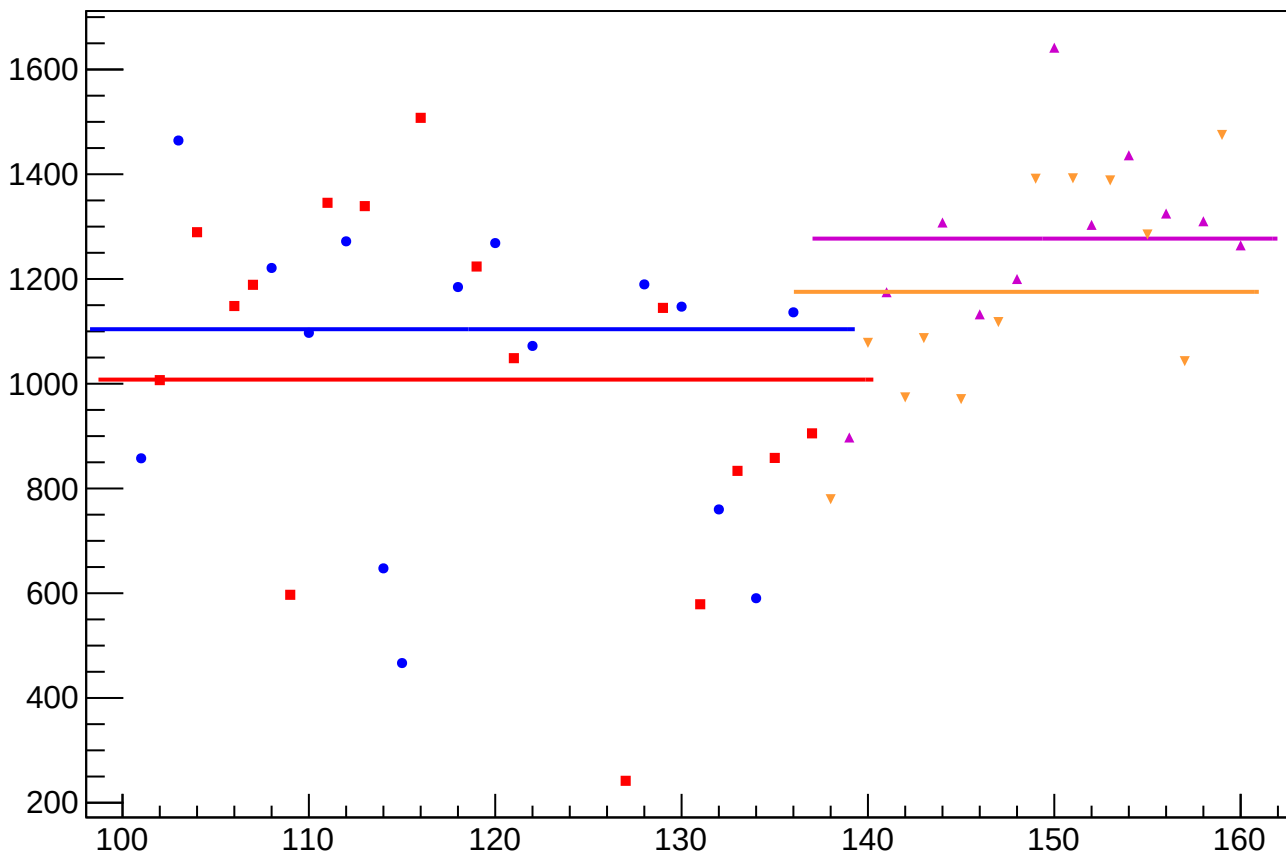
+ sign -2115.243+/-0.000 χ^2/NDF : 6242431119735
 All: -2364.838+/-0.000 χ^2/NDF : 8090017506
 - sign -2610.511+/-0.000 χ^2/NDF : 16540032445159

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

dit_atl1_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

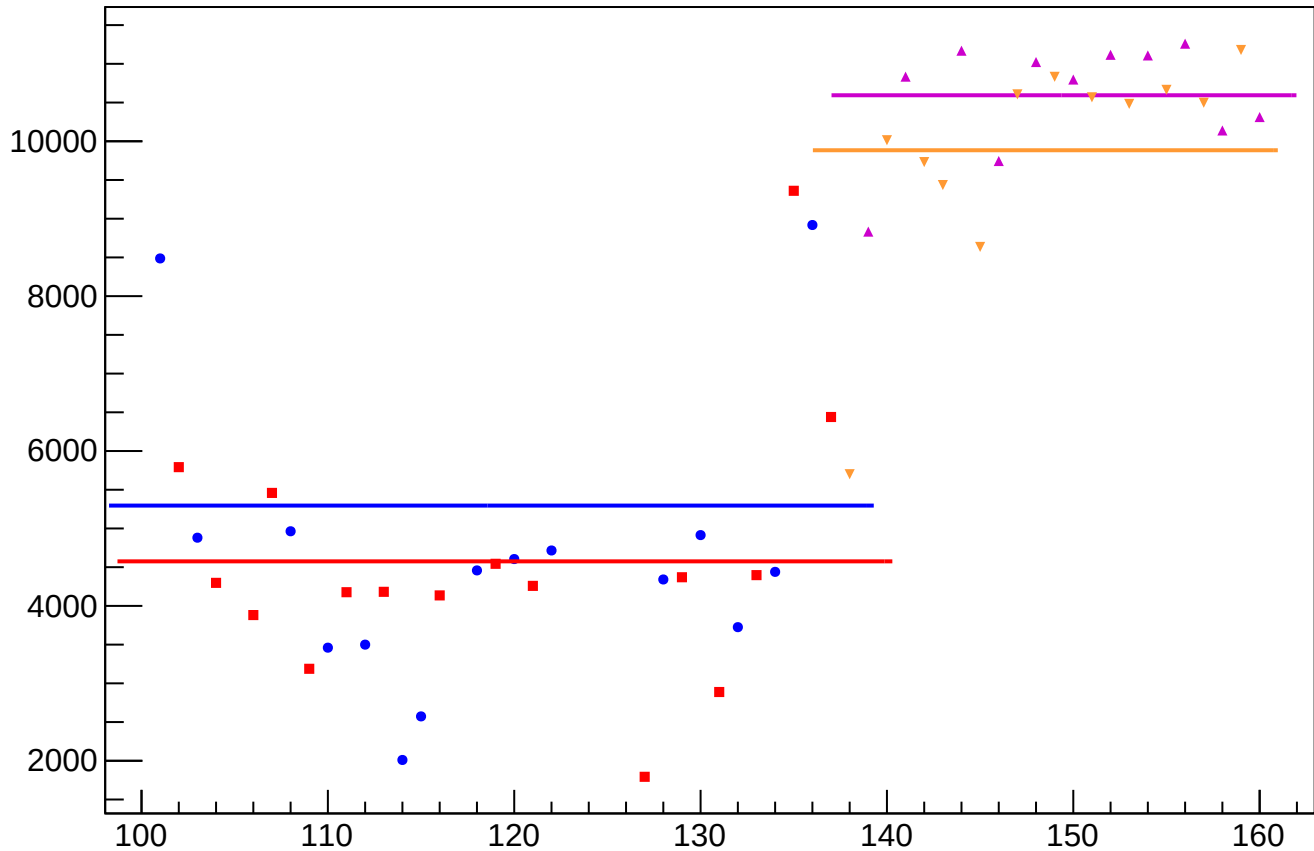
All: 1155.145+/-0.000 χ^2/NDF : 20163313284

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

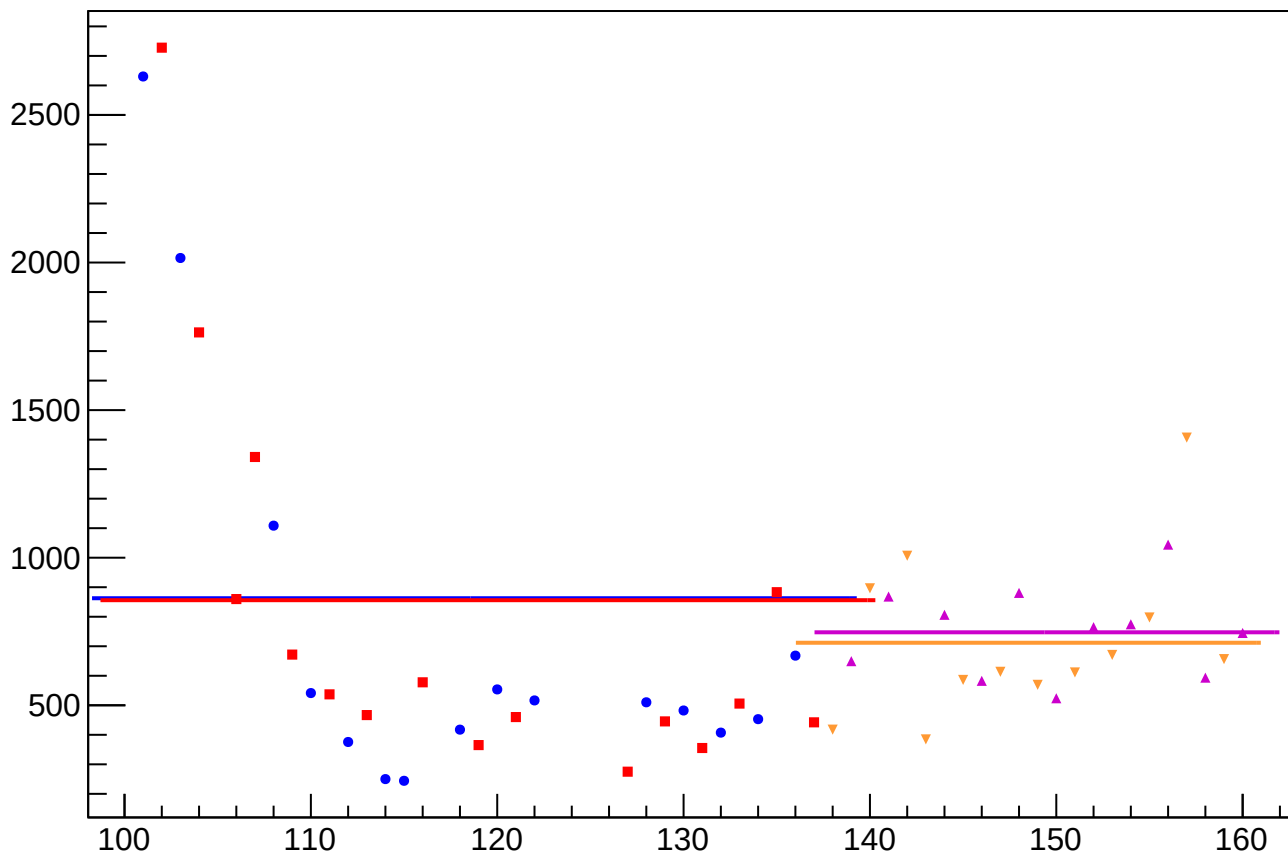
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_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

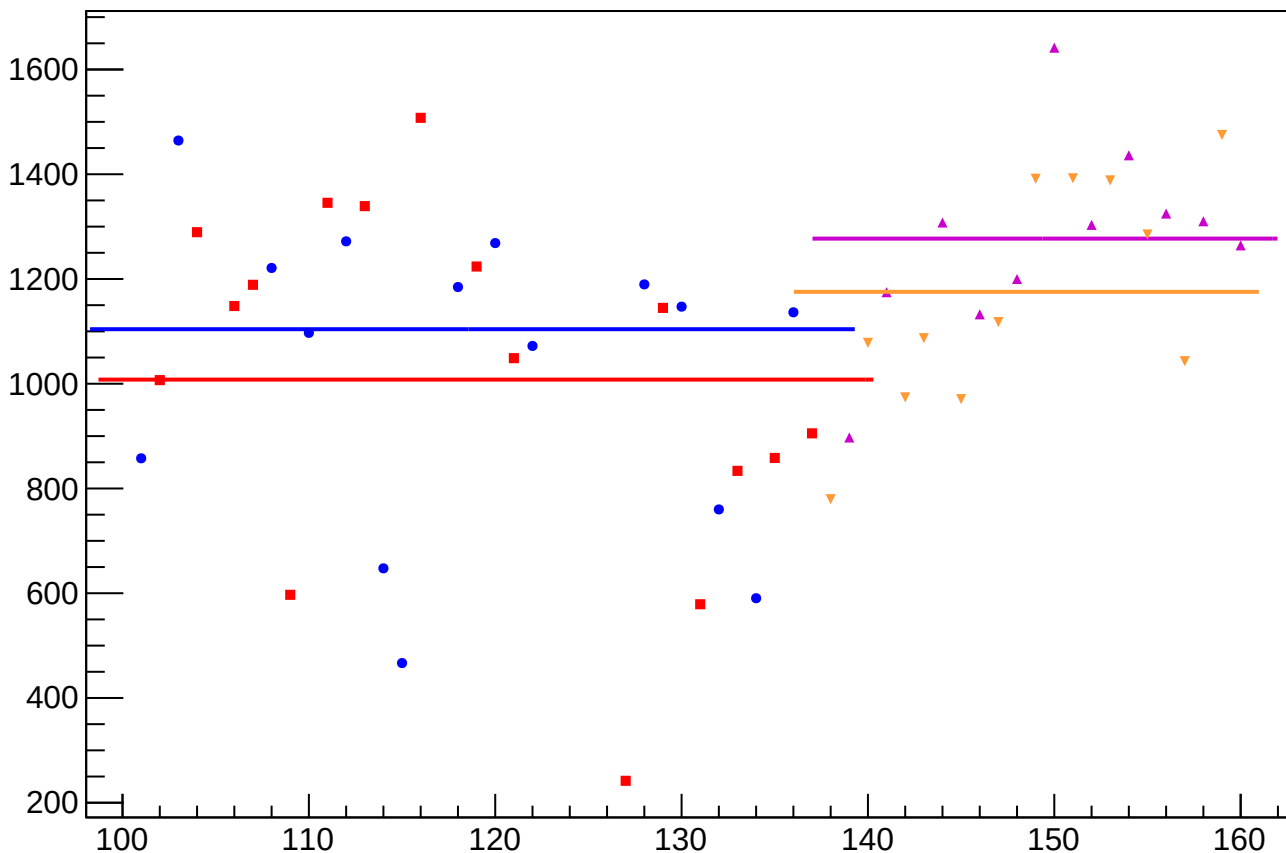
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ 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

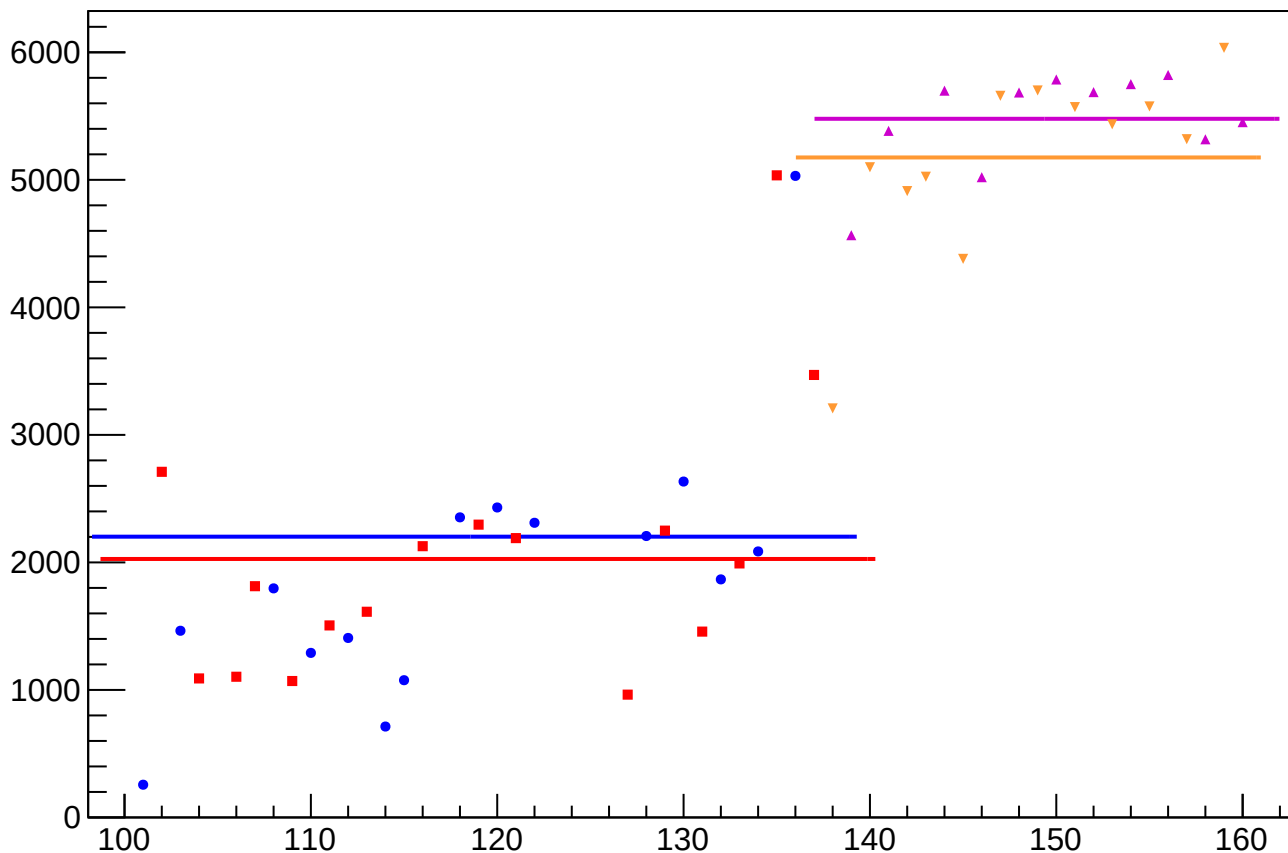
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

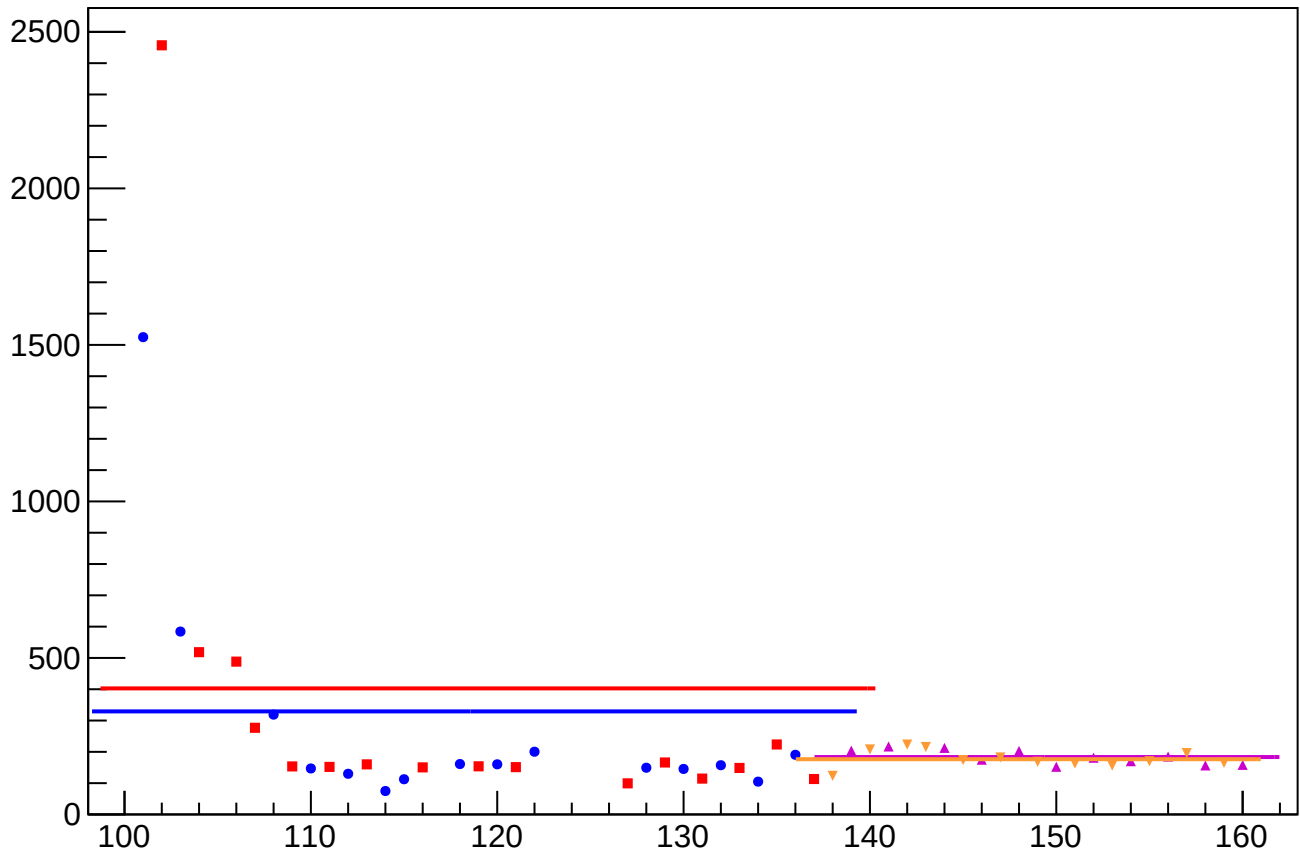
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000	χ^2/NDF : 1086544775216266395419904724422998622208.0/14	+ sign 3943.116+/-0.000	χ^2/NDF : 49381813340070
Left Out: 5175.489+/-0.000	χ^2/NDF : 491163082398861244777680604445322248192.0/11	All: 3987.722+/-0.000	χ^2/NDF : 1039252655
Right Out: 2026.969+/-0.000	χ^2/NDF : 708626456603410705124518299956645199872.0/15	- sign 4031.627+/-0.000	χ^2/NDF : 54481624345363
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

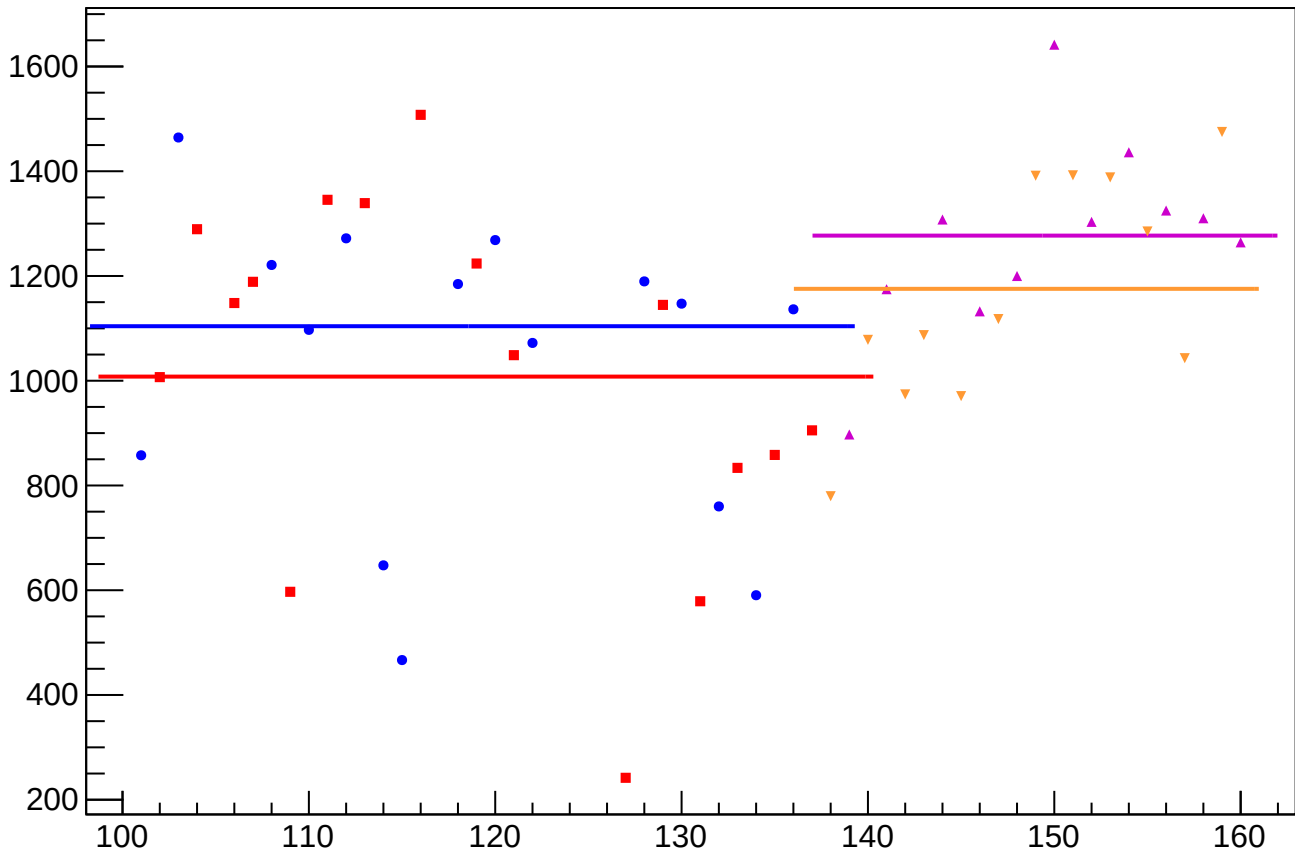
Left In: 183.411+/-0.000 χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 239.808+/-0.000 χ^2/NDF : 112751281695160

All: 257.715+/-0.000 χ^2/NDF : 410462625583

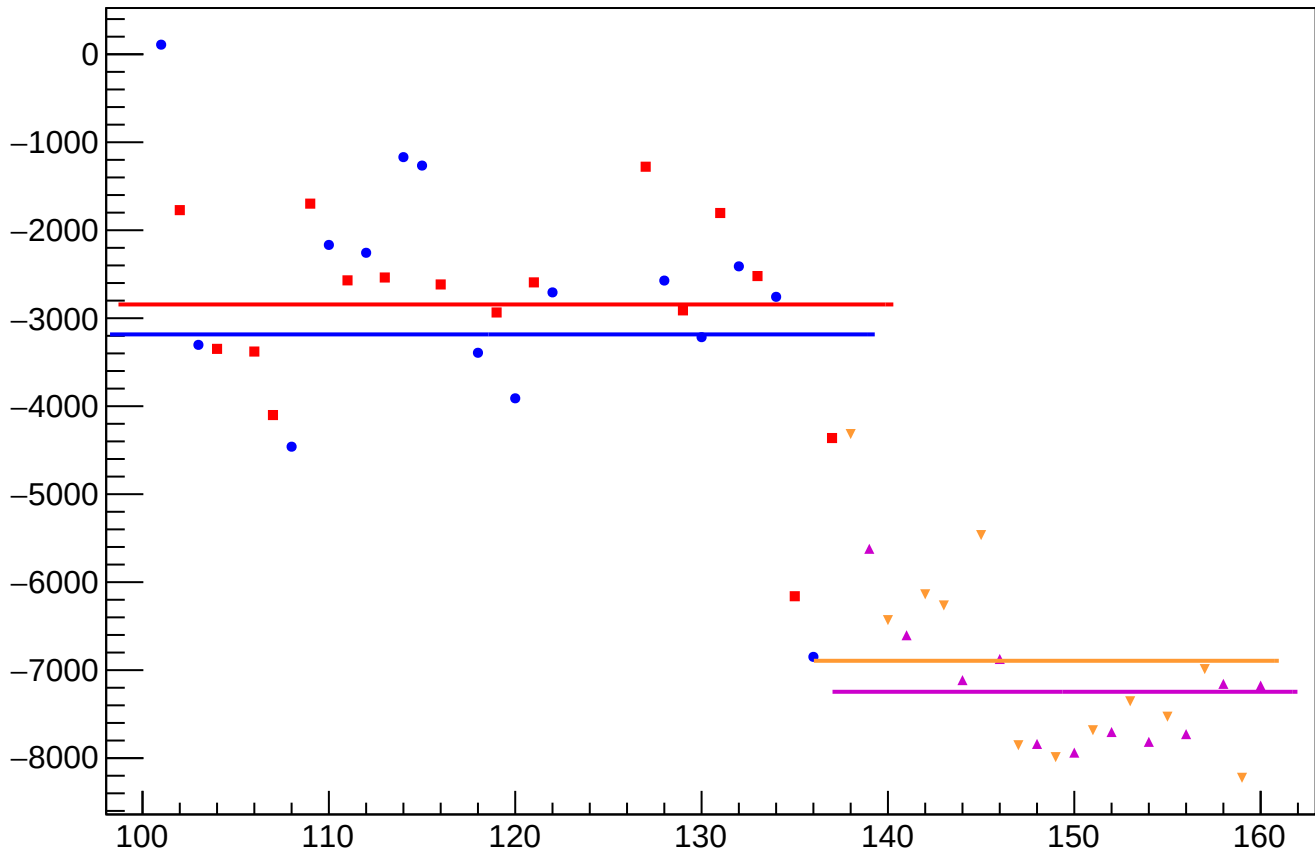
- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

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

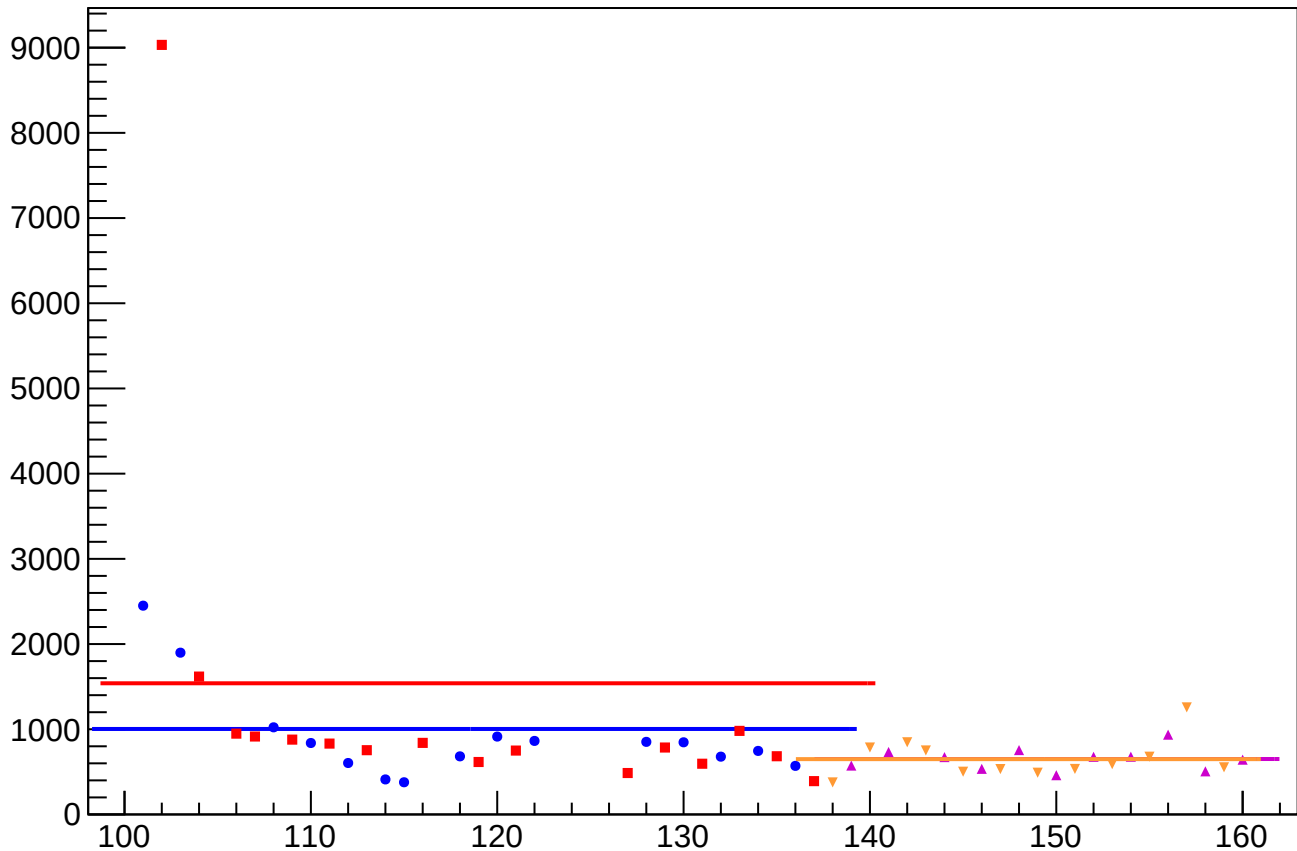
dit_atr2_coil3_mean vs Slug



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

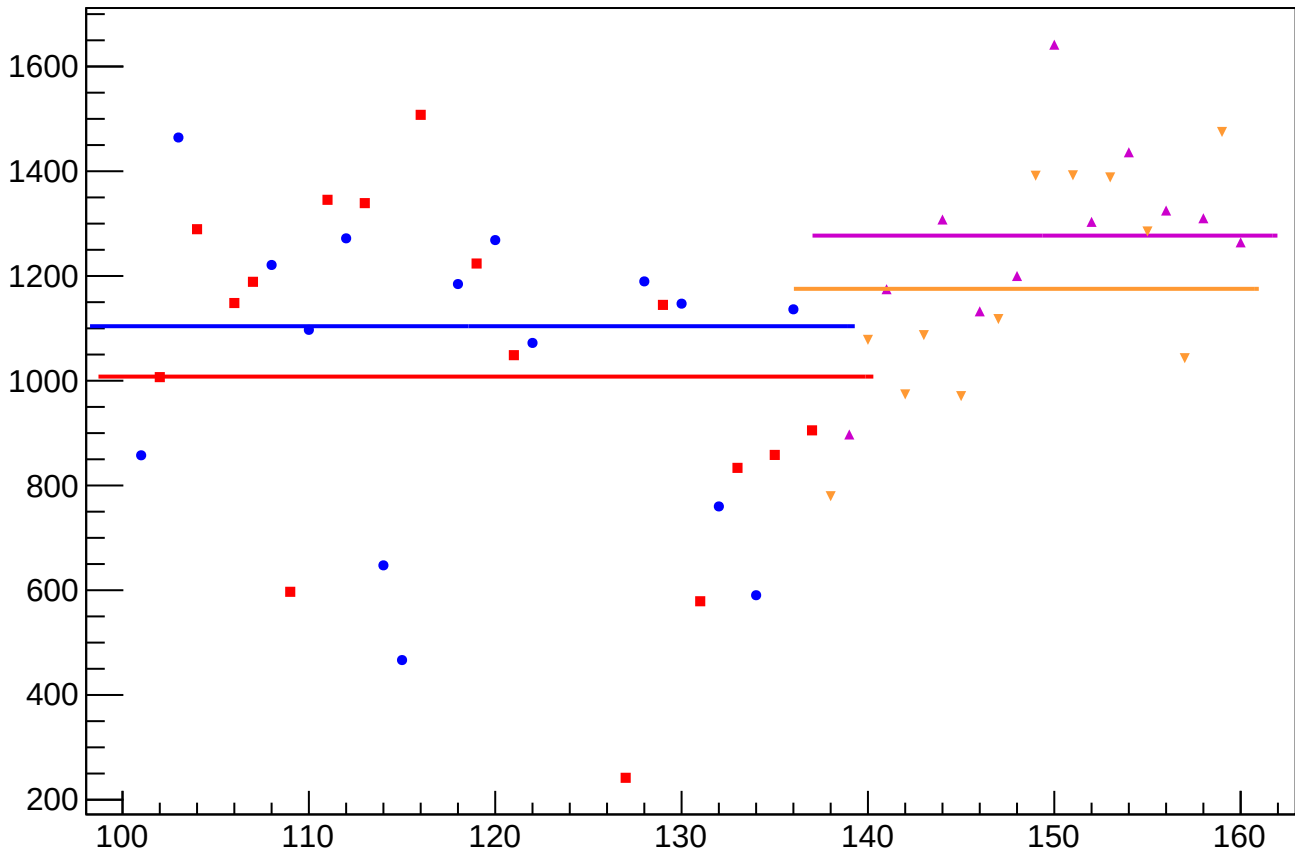
+ sign -5356.219+/-0.000 χ^2/NDF : 8531737355376
 All: -5378.444+/-0.000 χ^2/NDF : 1738954260
 - sign -5400.320+/-0.000 χ^2/NDF : 8856270344208

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407 $\pm$ 0.000 χ^2 /NDF: 219815257294811198811064619822196195328.0/14
 Left Out: 649.450 $\pm$ 0.000 χ^2 /NDF: 46064570136396855168938023455129862144.0/11
 Right Out: 1539.568 $\pm$ 0.000 χ^2 /NDF: 3614774785297482293145354574125437288448.0/15
 Left In: 650.769 $\pm$ 0.000 χ^2 /NDF: 14776465774858799846922535858394365952.0/10
 + sign 796.141 $\pm$ 0.000 χ^2 /NDF: 313492413123593
 All: 910.662 $\pm$ 0.000 χ^2 /NDF: 428980610728
 - sign 1023.383 $\pm$ 0.000 χ^2 /NDF: 39355602156889

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

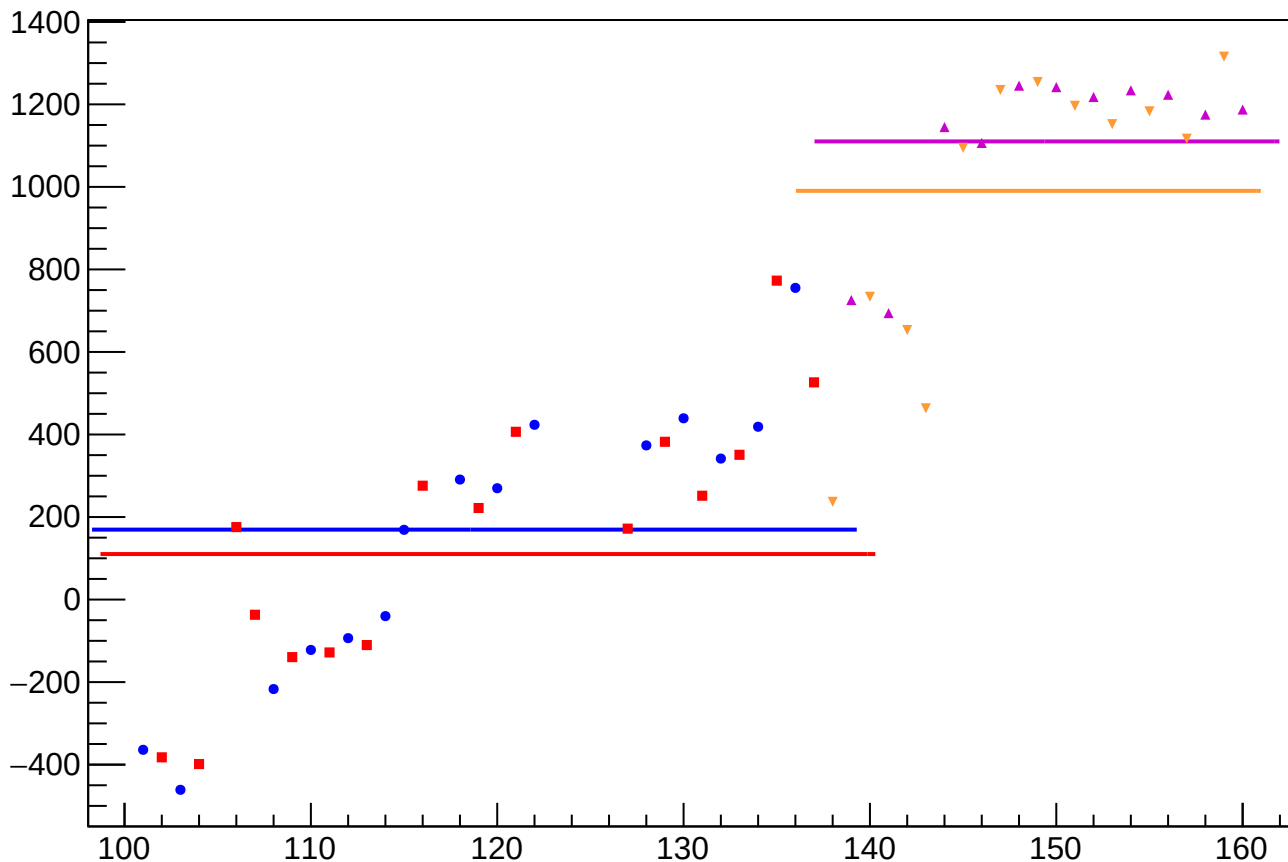
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ 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

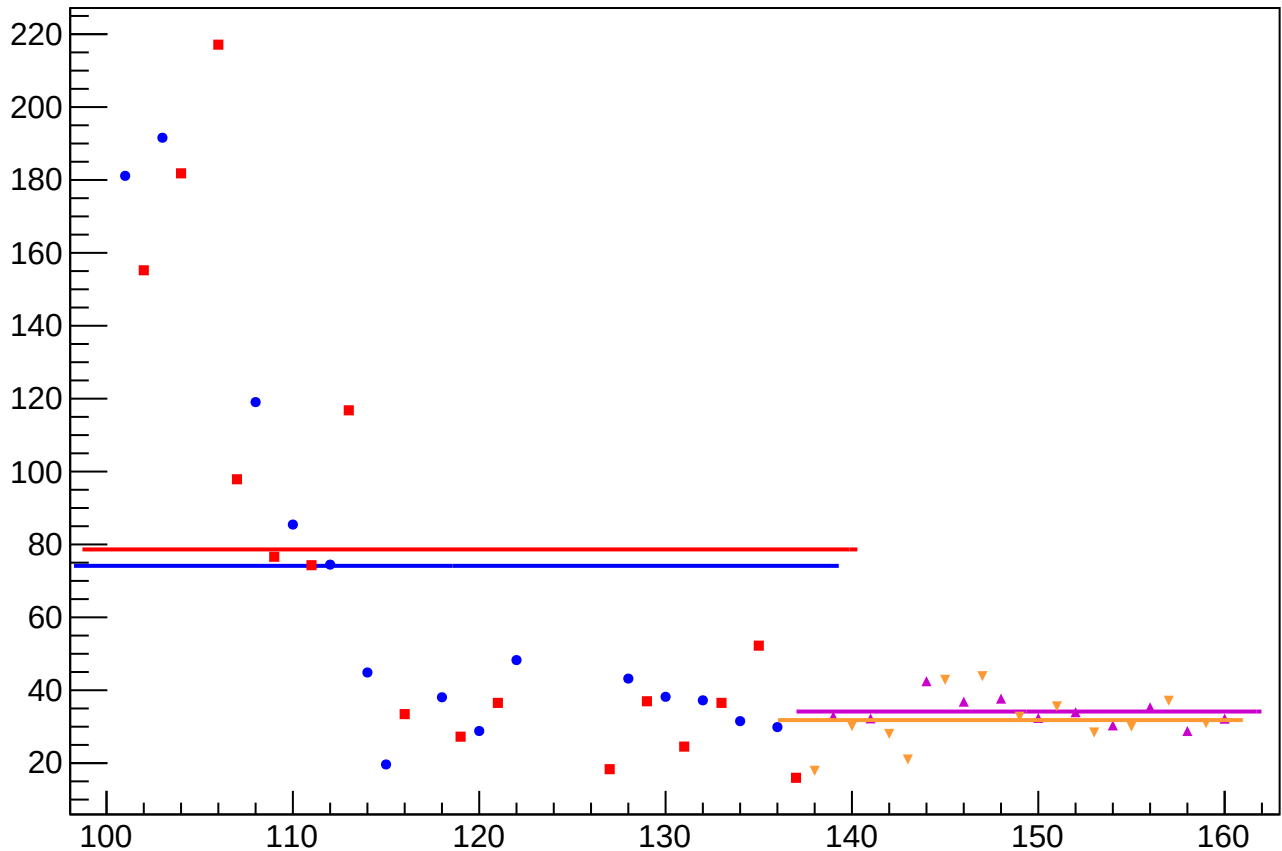
Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

+ 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

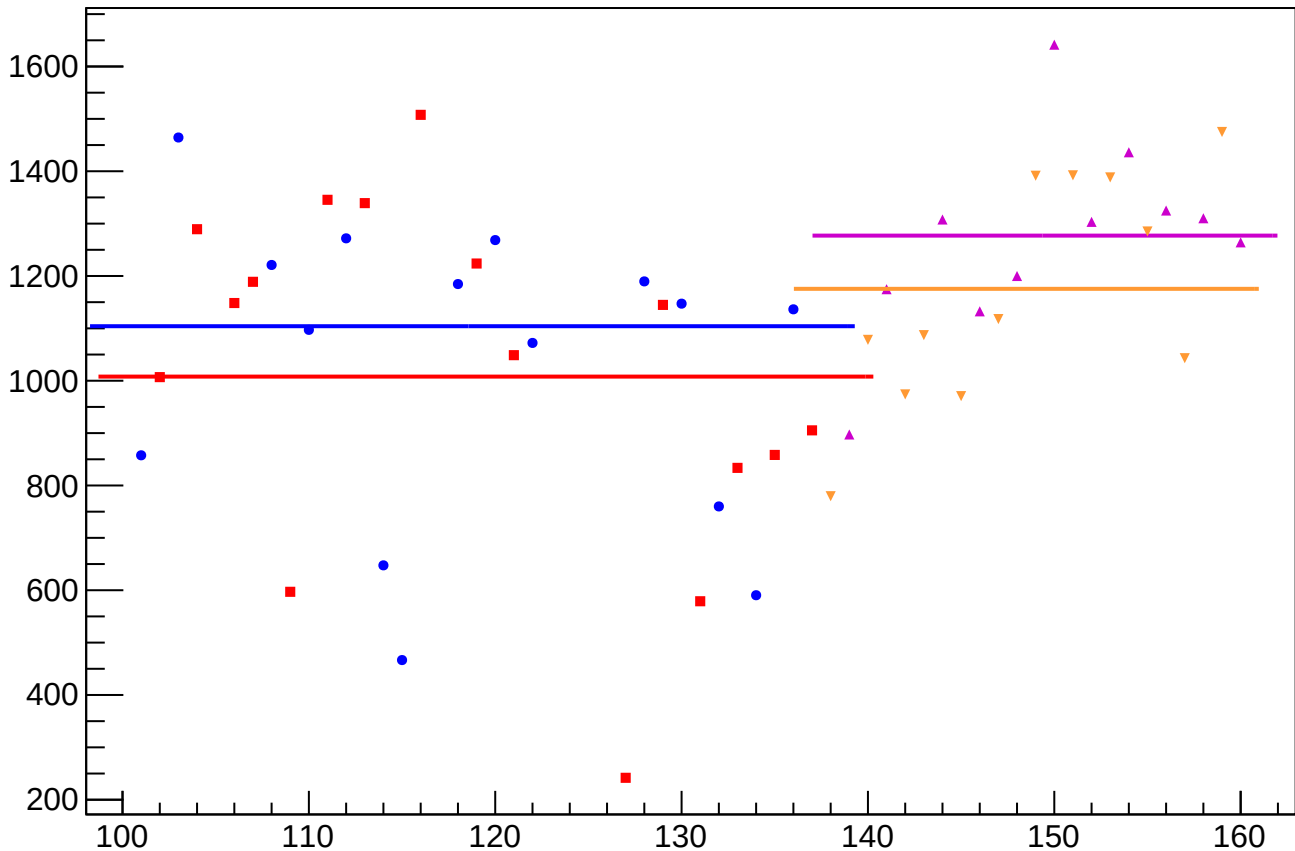
Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ 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

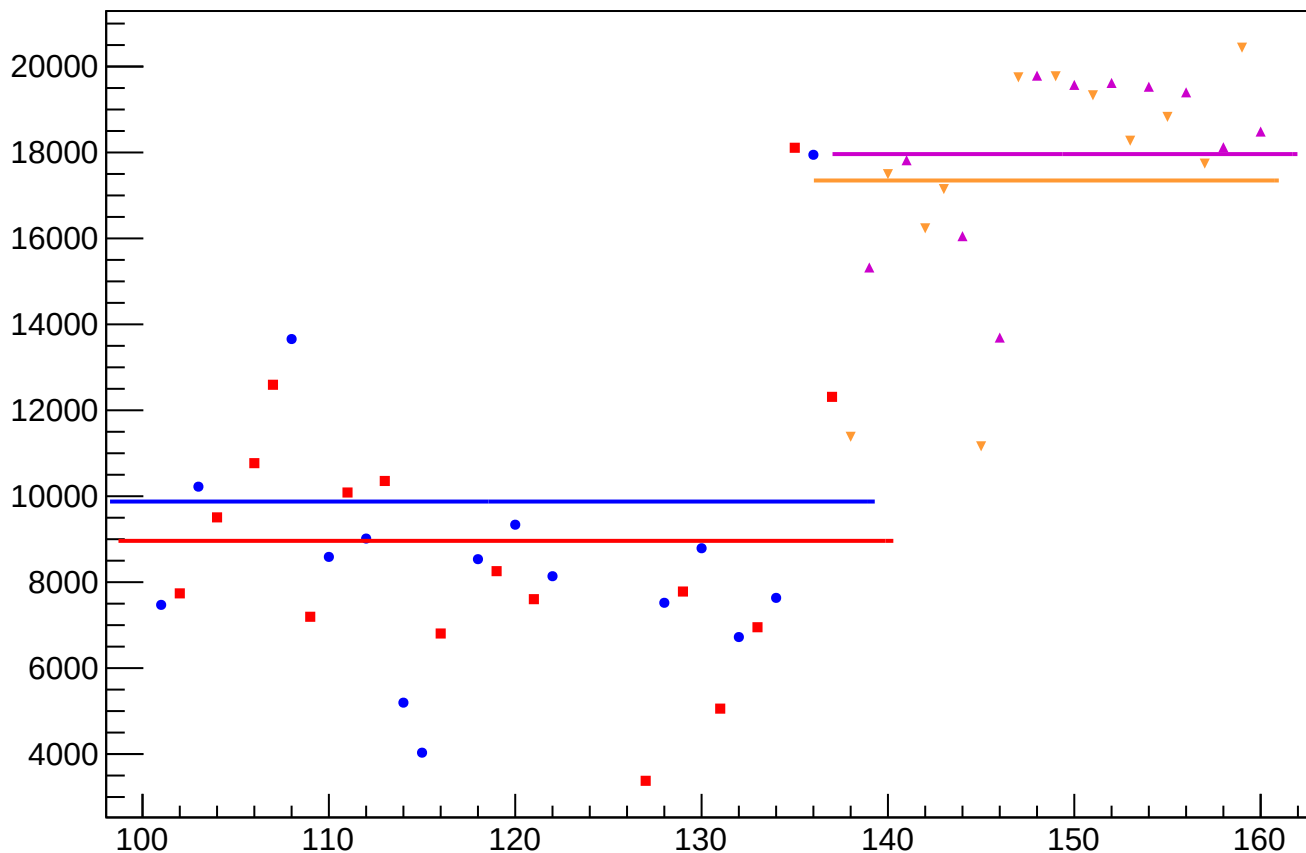
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

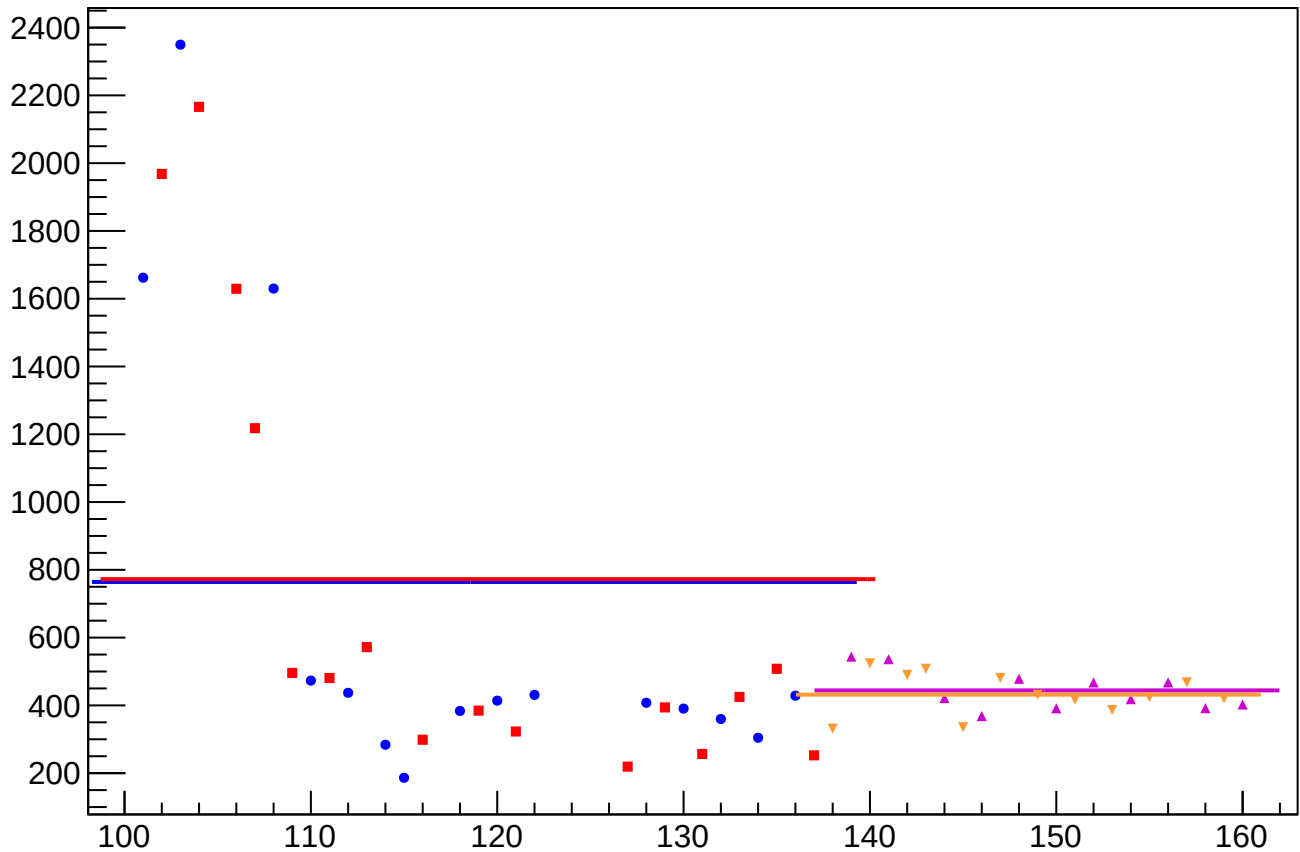
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



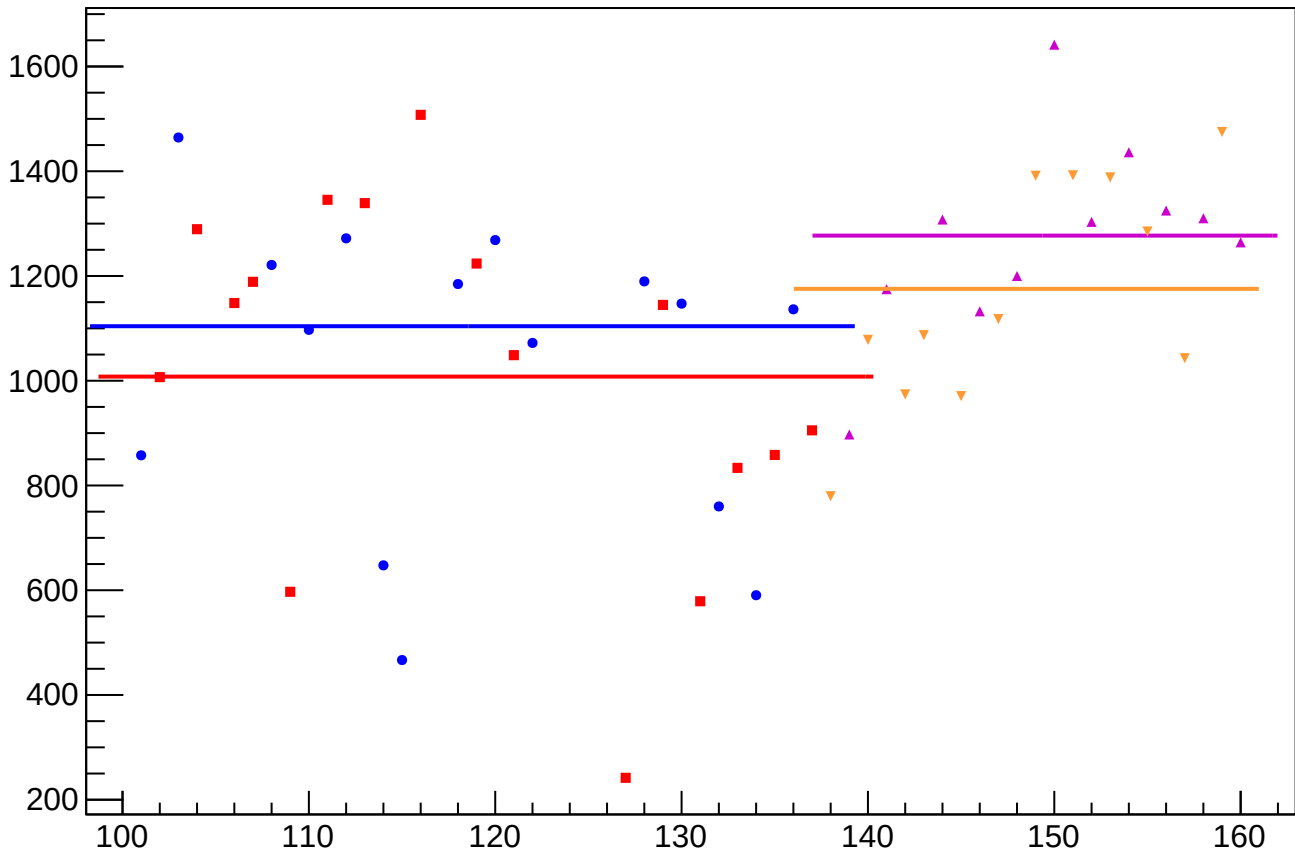
Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 17348.108+/-0.000 χ^2/NDF : 8207548108596149921739030122495561695232.0/11
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 17962.529+/-0.000 χ^2/NDF : 3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284 $\pm$ 0.000 χ^2 /NDF: 290964758058269480005067205020030599168.0/14
 Left Out: 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 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

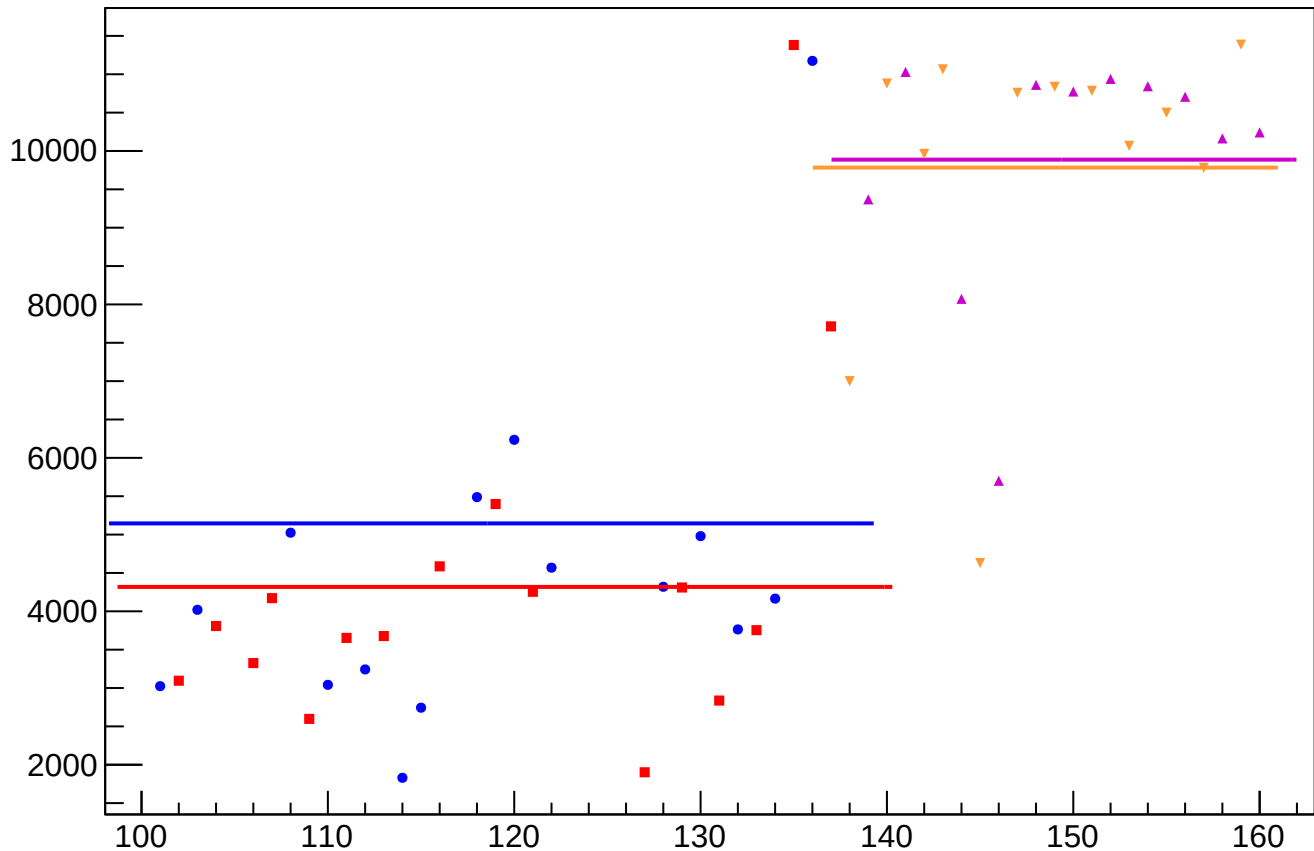
Left Out: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

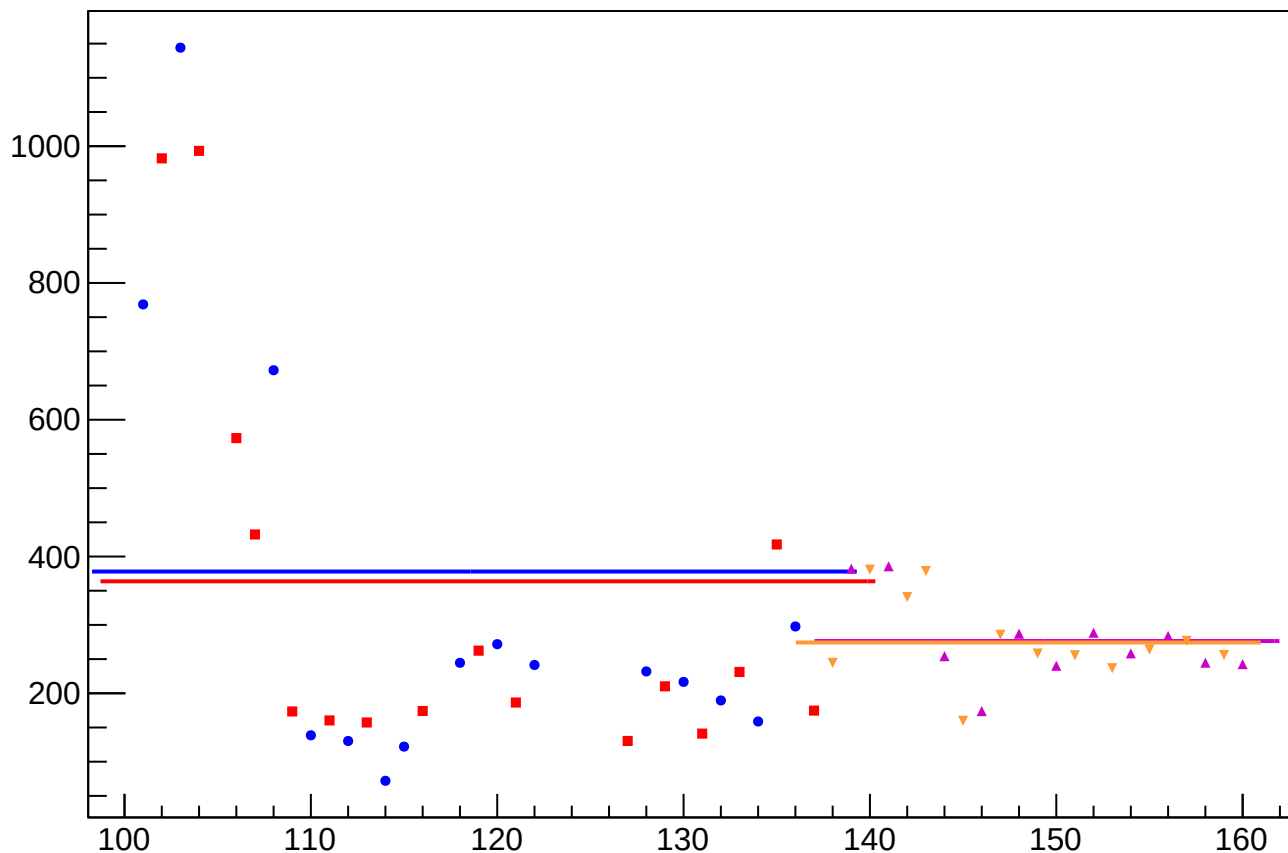
All: 1155.145 $\pm$ 0.000 χ^2 /NDF: 20163313284.0/40

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9783.623+/-0.000 χ^2/NDF : 3463460967659182435053933688350532698112.0/11
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 9887.069+/-0.000 χ^2/NDF : 2278516780225824082632420288802127347712.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052 $\pm$ 0.000 χ^2 /NDF: 61516590022593053040860760861331947520.0/14

Left Out: 274.281 $\pm$ 0.000 χ^2 /NDF: 3210866570321724501306846670770667520.0/11

Right Out: 363.772 $\pm$ 0.000 χ^2 /NDF: 59031337484709801804181439342706688000.0/15

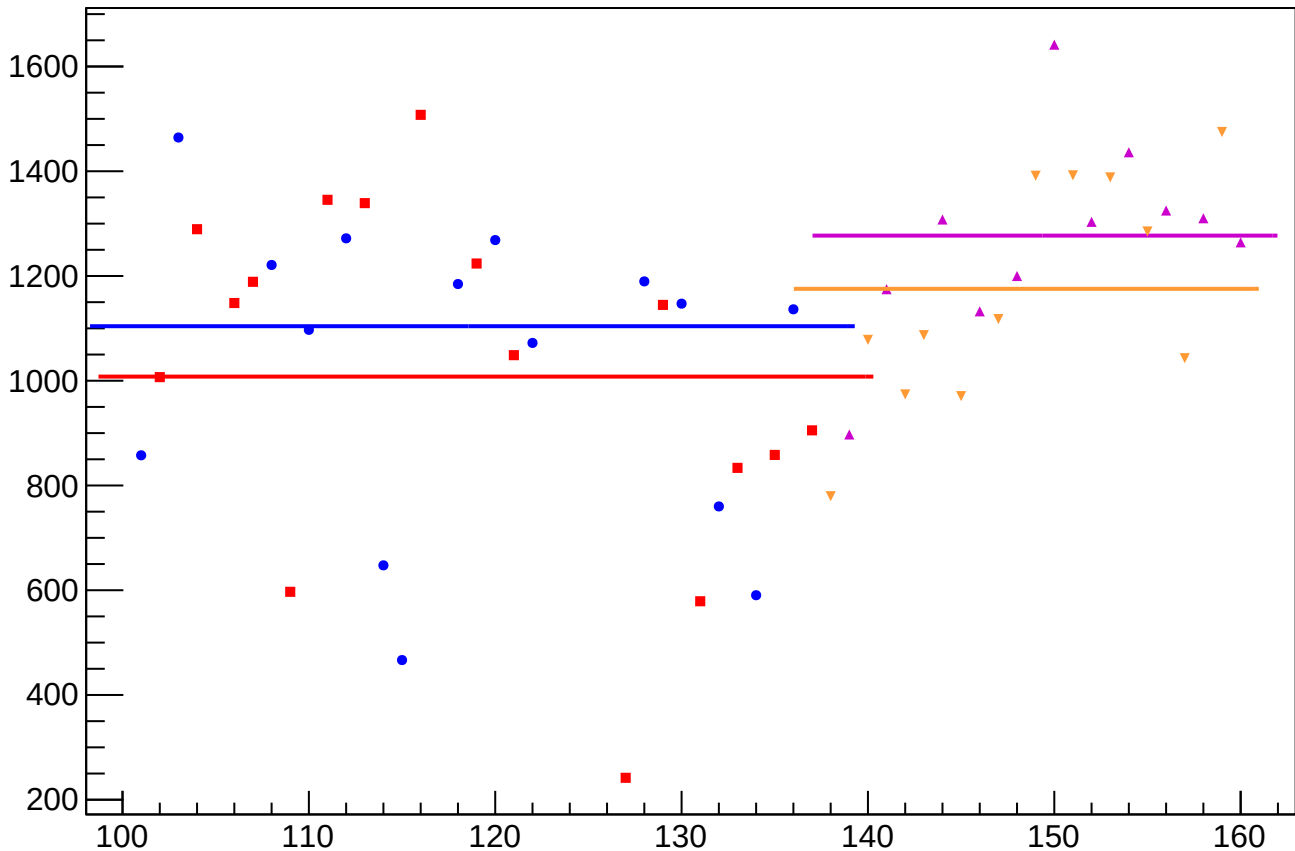
Left In: 276.429 $\pm$ 0.000 χ^2 /NDF: 3176476969276554988209041450490396672.0/10

+ sign 317.287 $\pm$ 0.000 χ^2 /NDF: 688198238811862

All: 315.150 $\pm$ 0.000 χ^2 /NDF: 133997003769

- sign 313.047 $\pm$ 0.000 χ^2 /NDF: 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

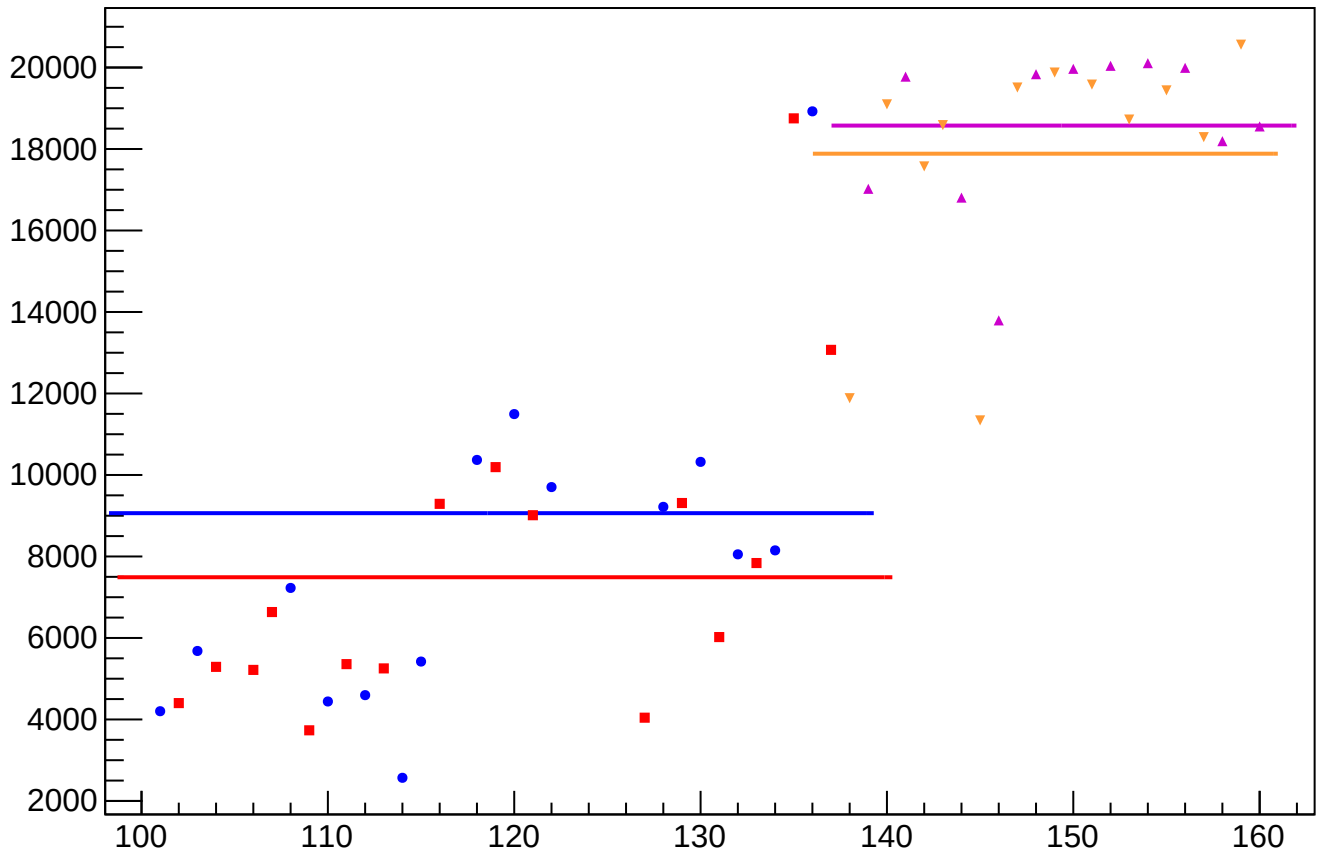
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

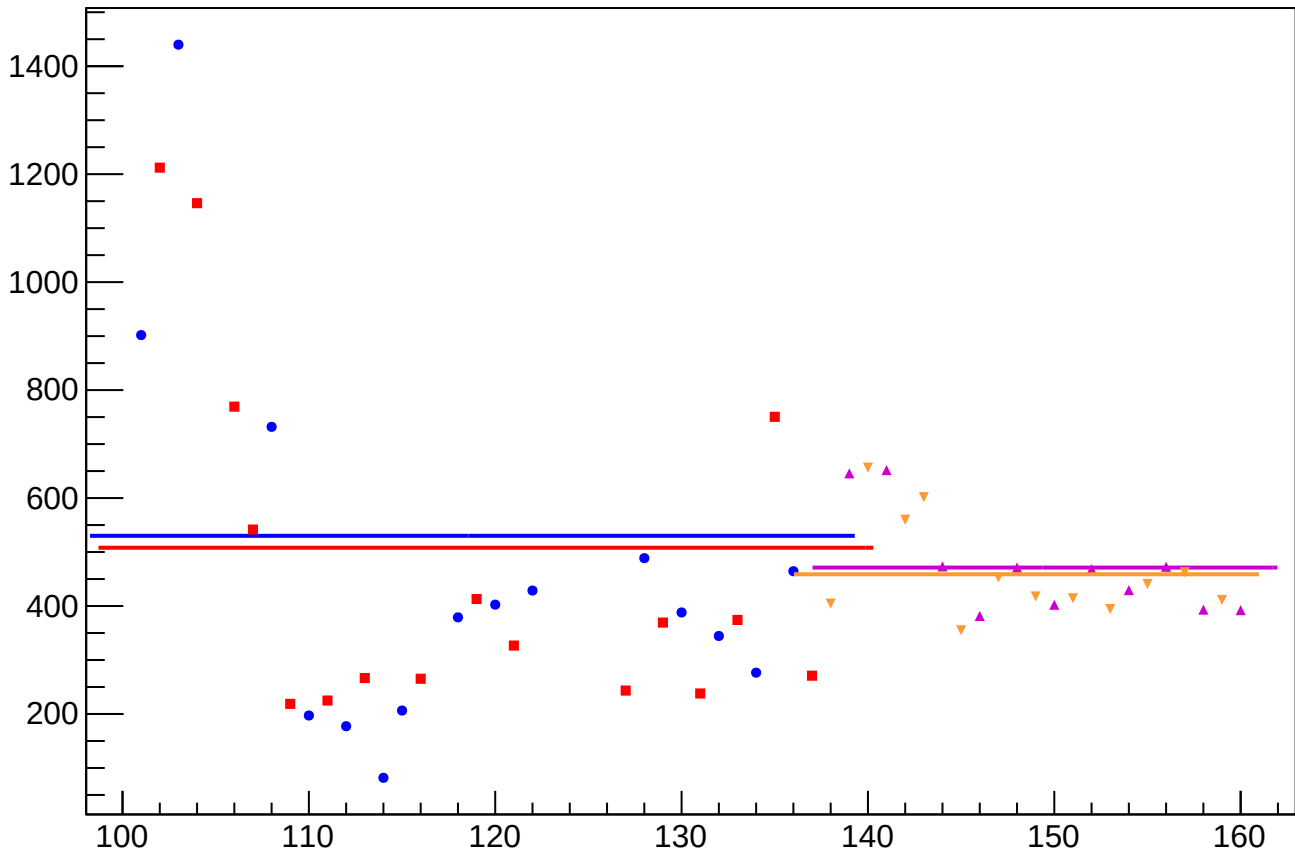
+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704
 All: 1155.145+/-0.000 χ^2/NDF : 20163313284
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

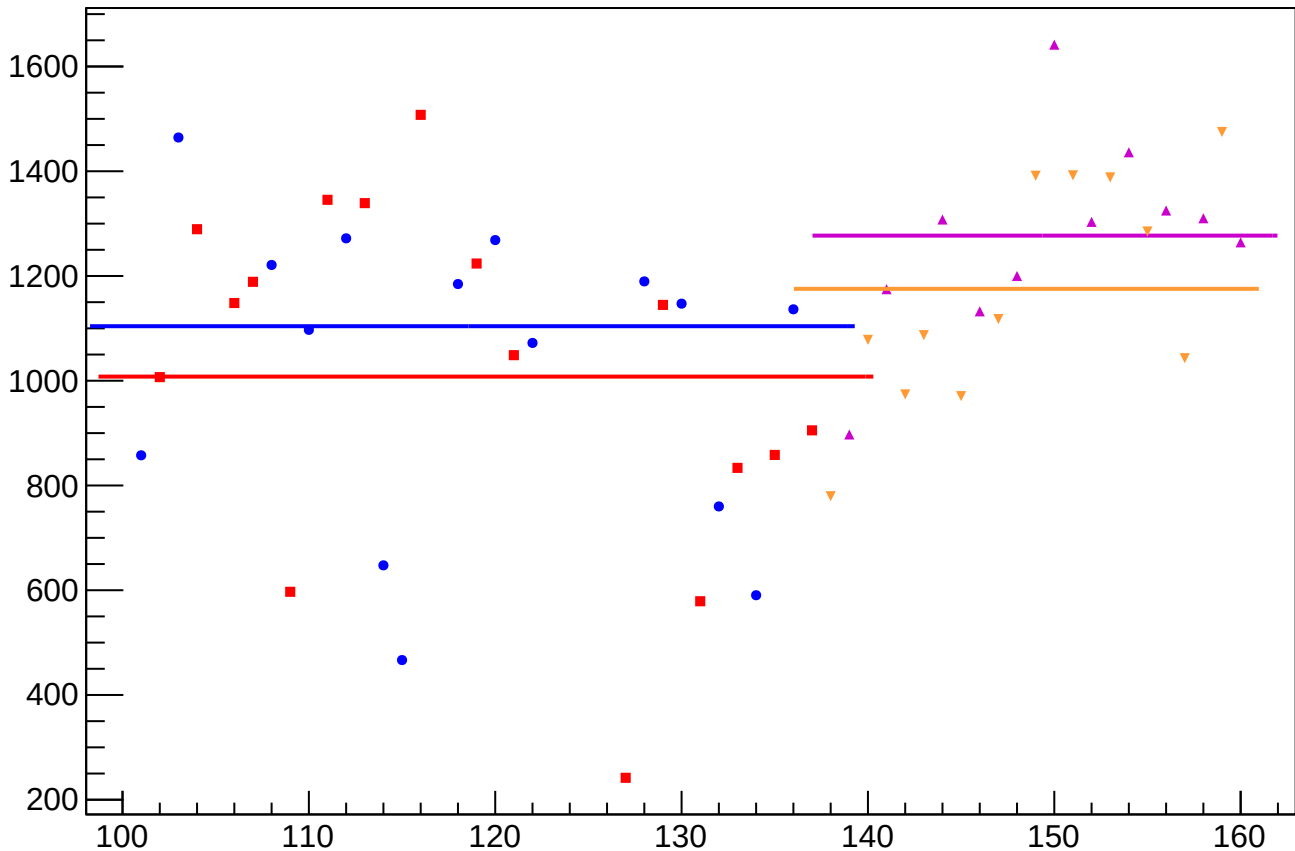
Left Out: 458.806+/-0.000 χ^2/NDF : 6995521594489868747173366228733394944.0/11

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

Left In: 471.219+/-0.000 χ^2/NDF : 744597321916033625746772011051745280.0/10

All: 487.478+/-0.000 χ^2/NDF : 172341164964.0/40

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

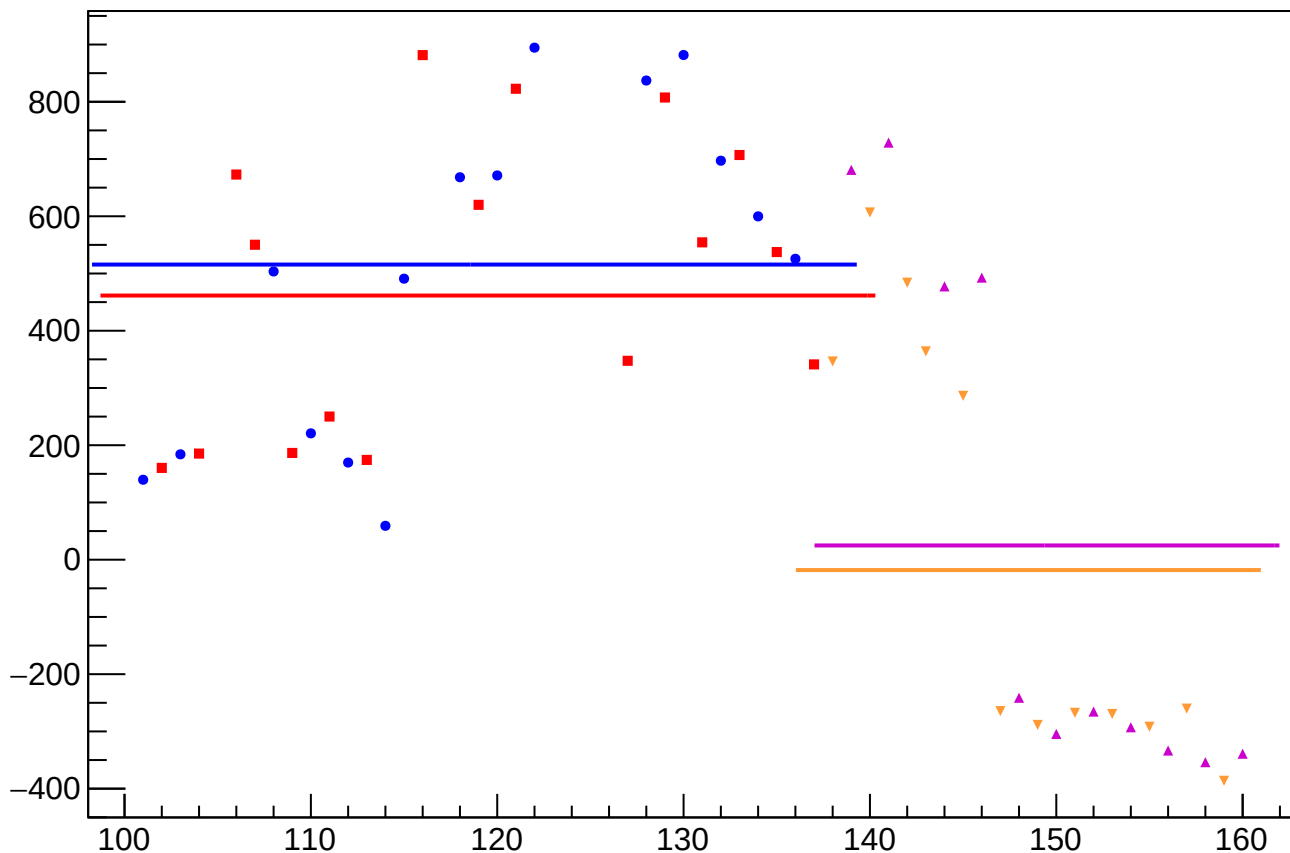
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704
 All: 1155.145+/-0.000 χ^2/NDF : 20163313284
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: -18.086+/-0.000 χ^2/NDF : 113760261442063078265103594368341639168.0/11

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

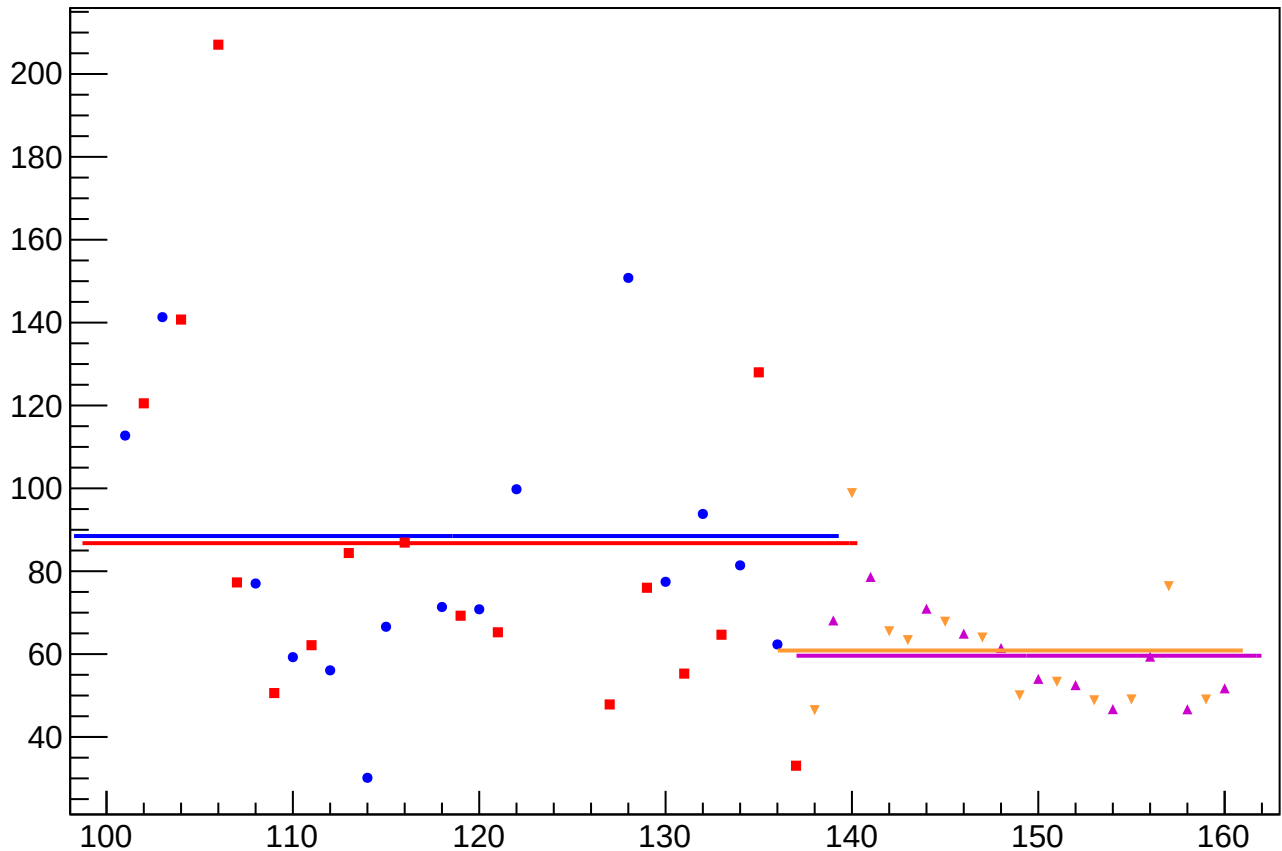
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

+ sign 203.105+/-0.000 χ^2/NDF : 270481717005925

All: 205.539+/-0.000 χ^2/NDF : 561984373916

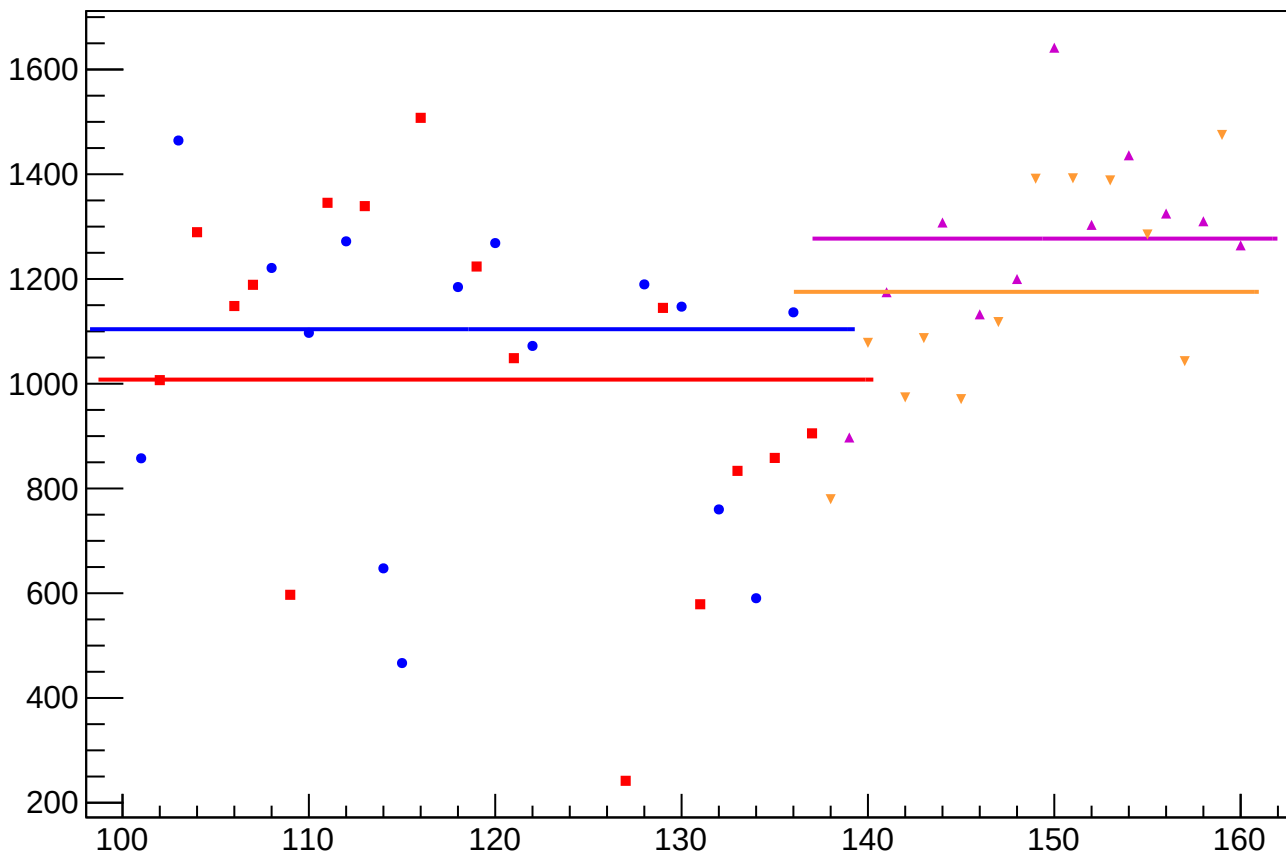
- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493 ± 0.000	χ^2/NDF : 643231155193035512625817963208900608.0/14	+ sign 72.316 ± 0.000	χ^2/NDF : 1141601170158102
Left Out: 60.867 ± 0.000	χ^2/NDF : 208334830420842687698000766503485440.0/11	All: 71.650 ± 0.000	χ^2/NDF : 2578992350309
Right Out: 86.773 ± 0.000	χ^2/NDF : 1059206766314086021240525003228708864.0/15	- sign 70.994 ± 0.000	χ^2/NDF : 1436012461961461
Left In: 59.604 ± 0.000	χ^2/NDF : 90862625181985664375323463168032768.0/10		

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

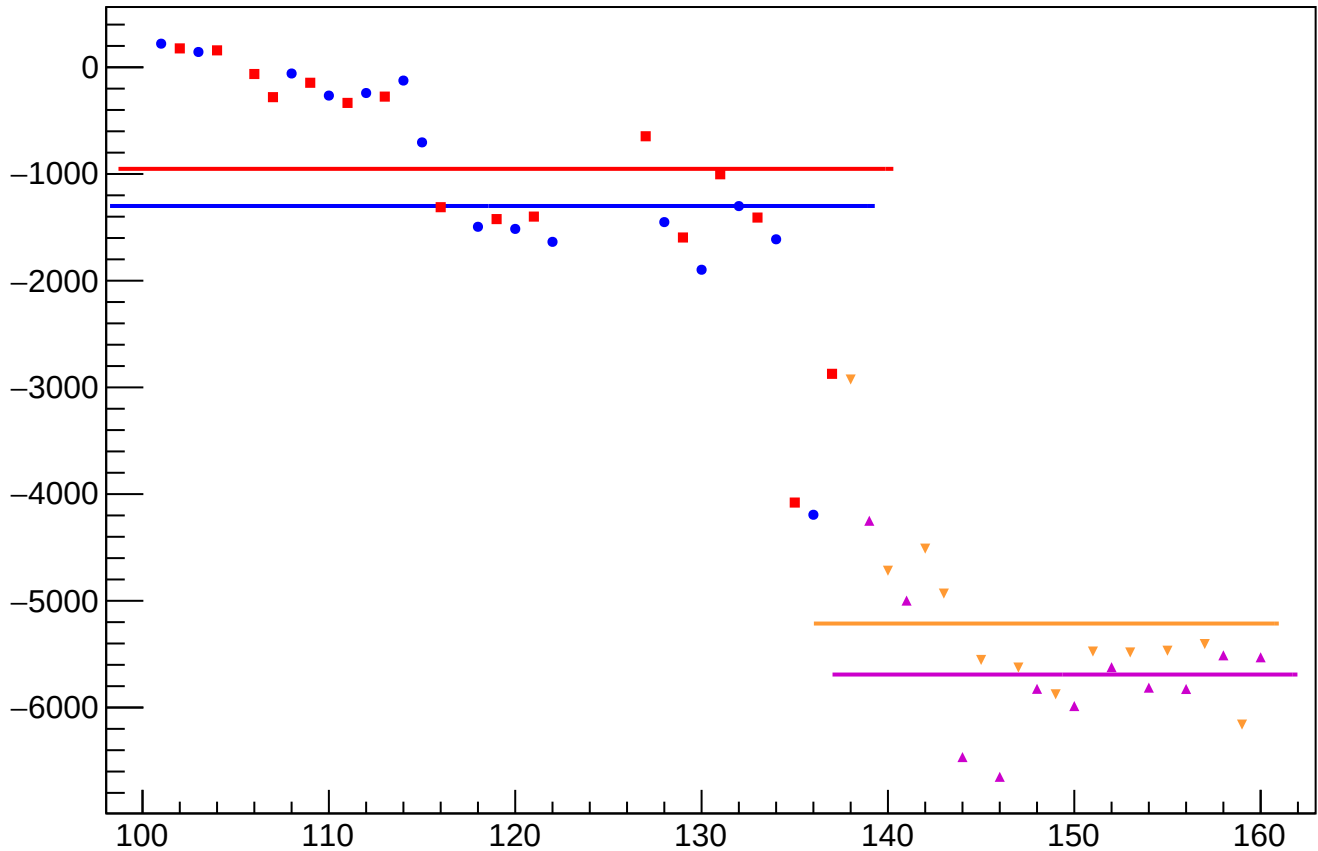
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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



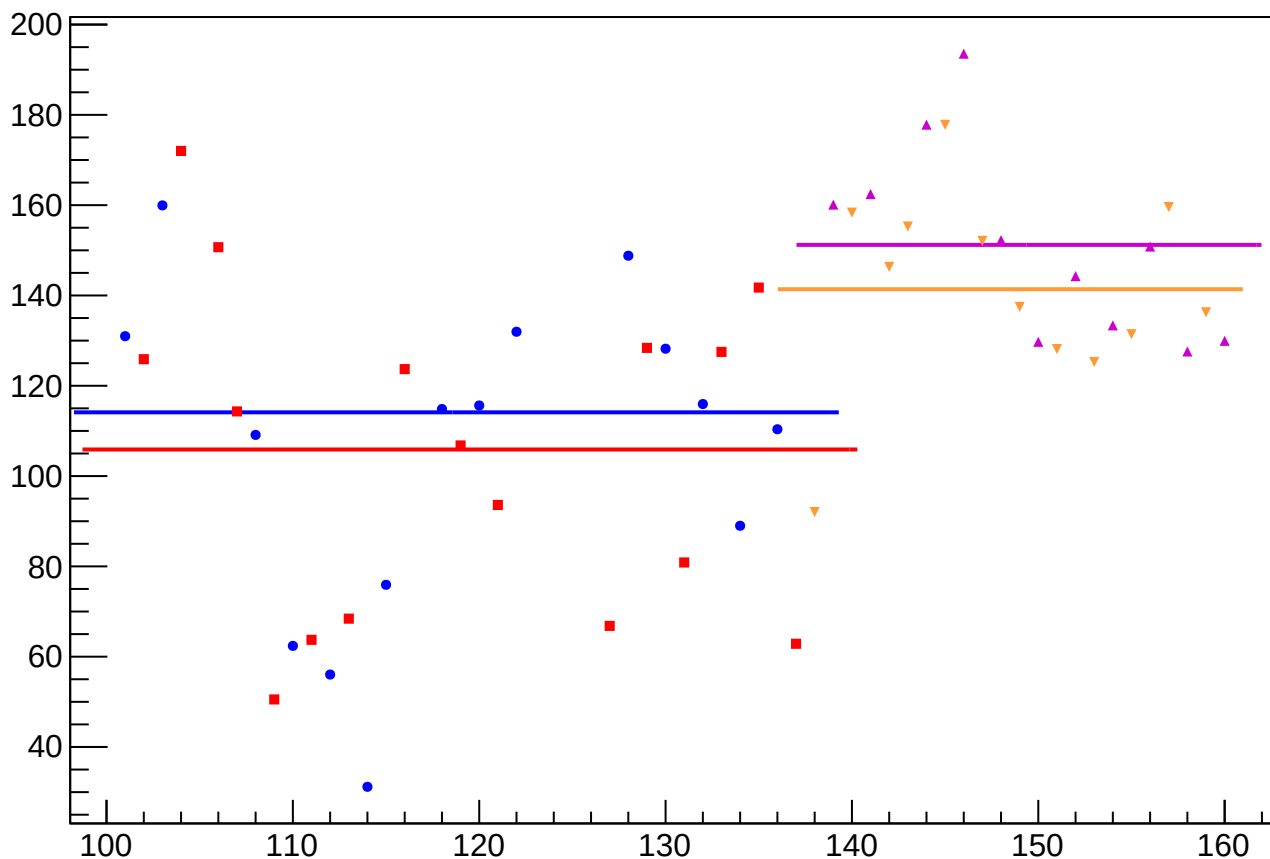
Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -5213.053+/-0.000	χ^2/NDF : 607024723474712138909900039656470216704.0/11
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5690.941+/-0.000	χ^2/NDF : 355774620722948866968040460749891436544.0/10

+ 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

Left Out: 141.380 $\pm$ 0.000 χ^2 /NDF: 416963026310292285514058989674954752.0/11

Right Out: 105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15

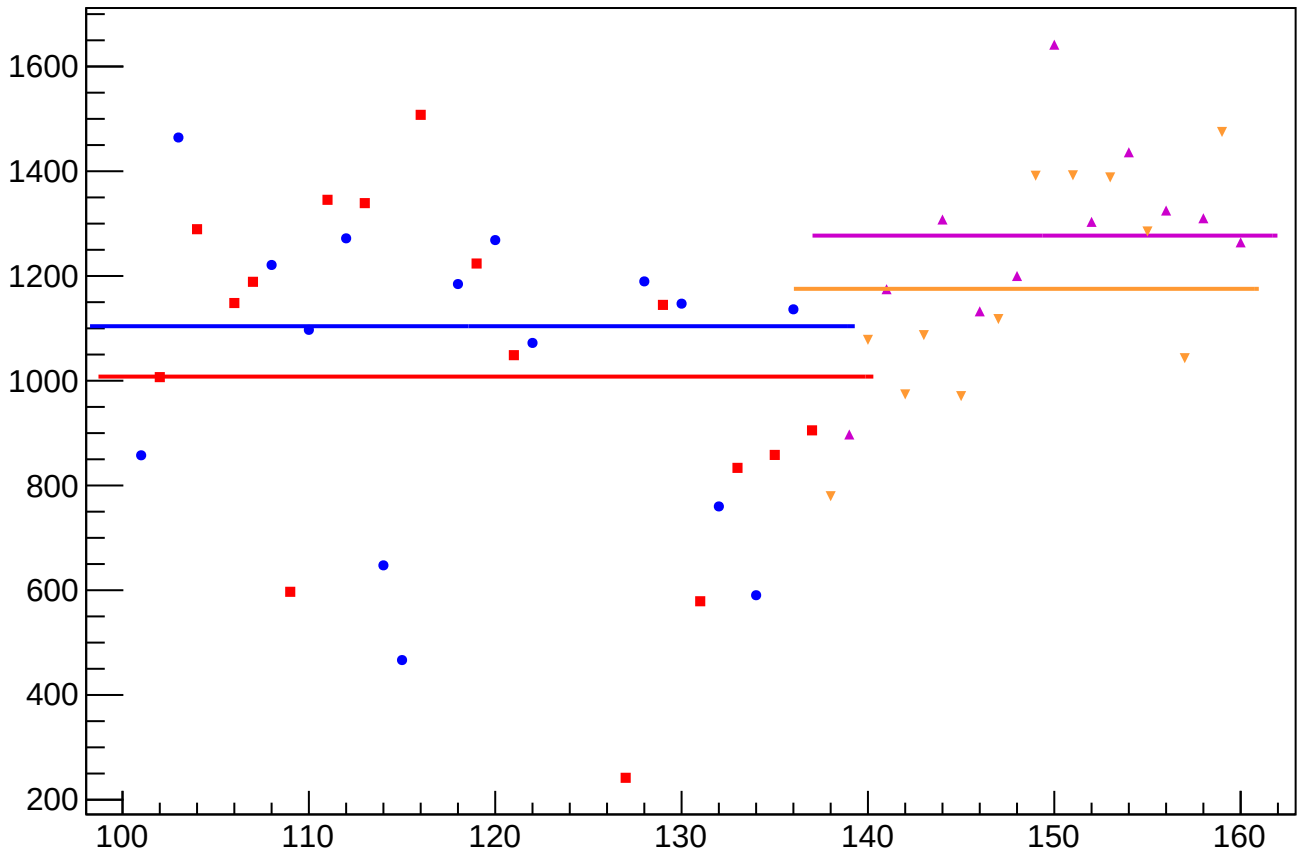
Left In: 151.203 $\pm$ 0.000 χ^2 /NDF: 382227652604999337577431549784096768.0/10

+ sign 130.082 $\pm$ 0.000 χ^2 /NDF: 130663489676661

All: 131.152 $\pm$ 0.000 χ^2 /NDF: 333967931914

- sign 132.206 $\pm$ 0.000 χ^2 /NDF: 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

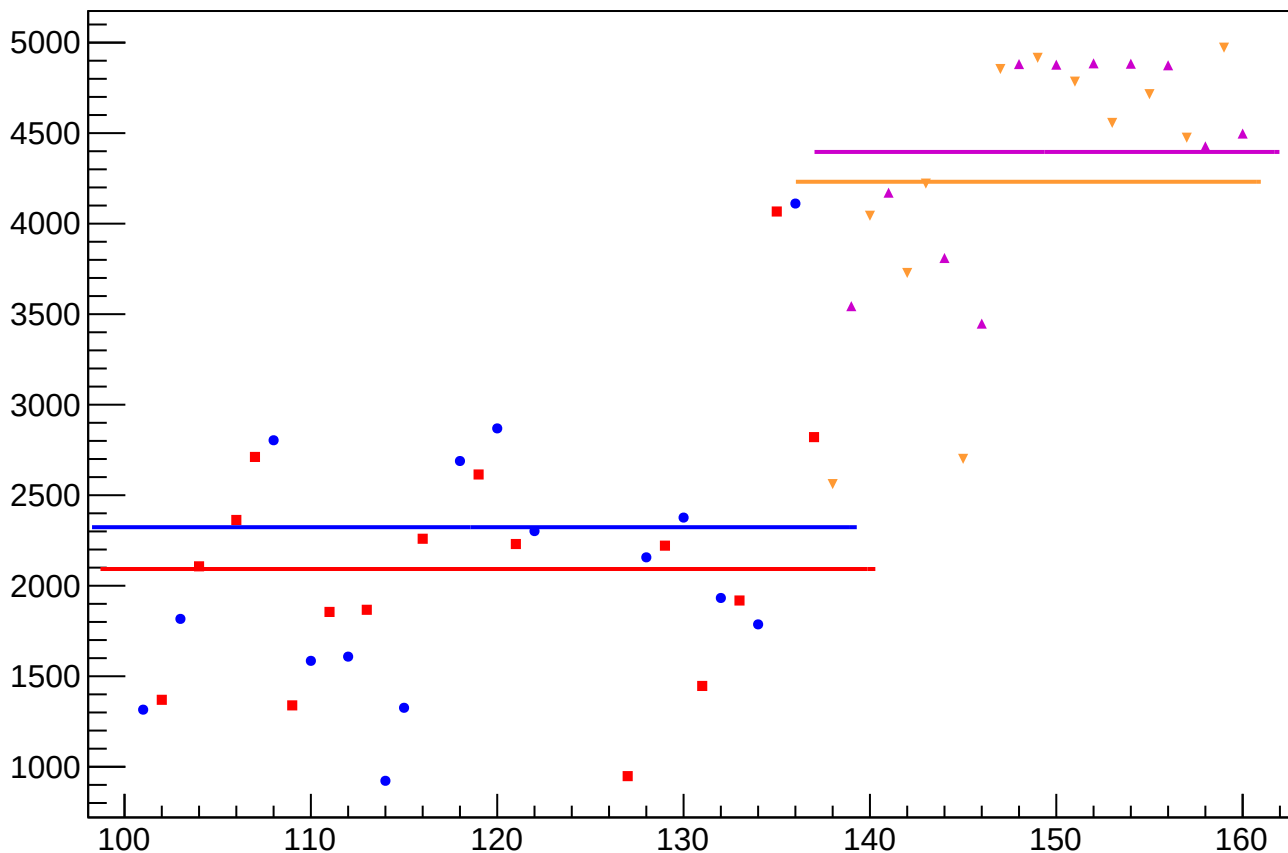
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

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 : 20163313284.0/11

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

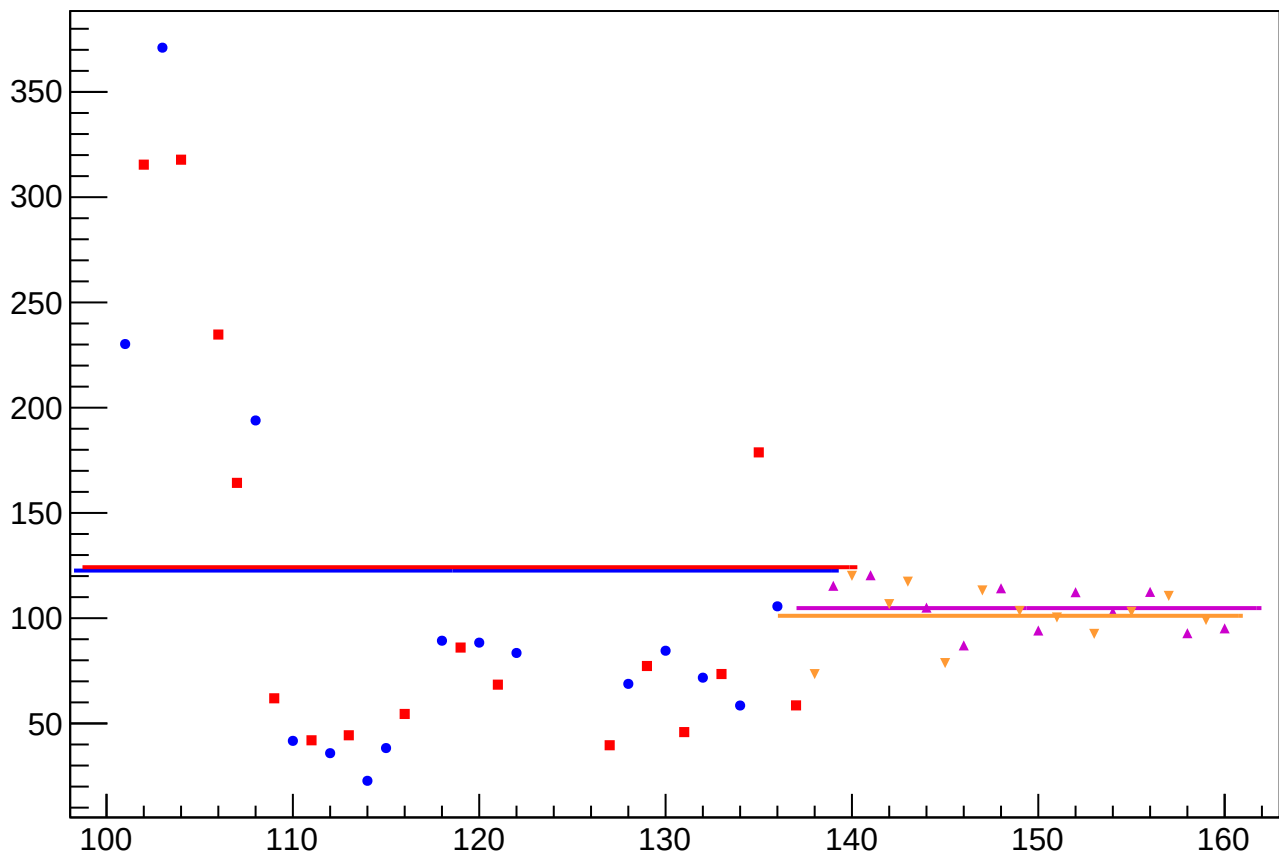
Left In: 4396.069+/-0.000 χ^2/NDF : 270326441631367265143713722564756897792.0/10

+ sign 3440.641+/-0.000 χ^2/NDF : 24511476216121

All: 3435.439+/-0.000 χ^2/NDF : 51443191328

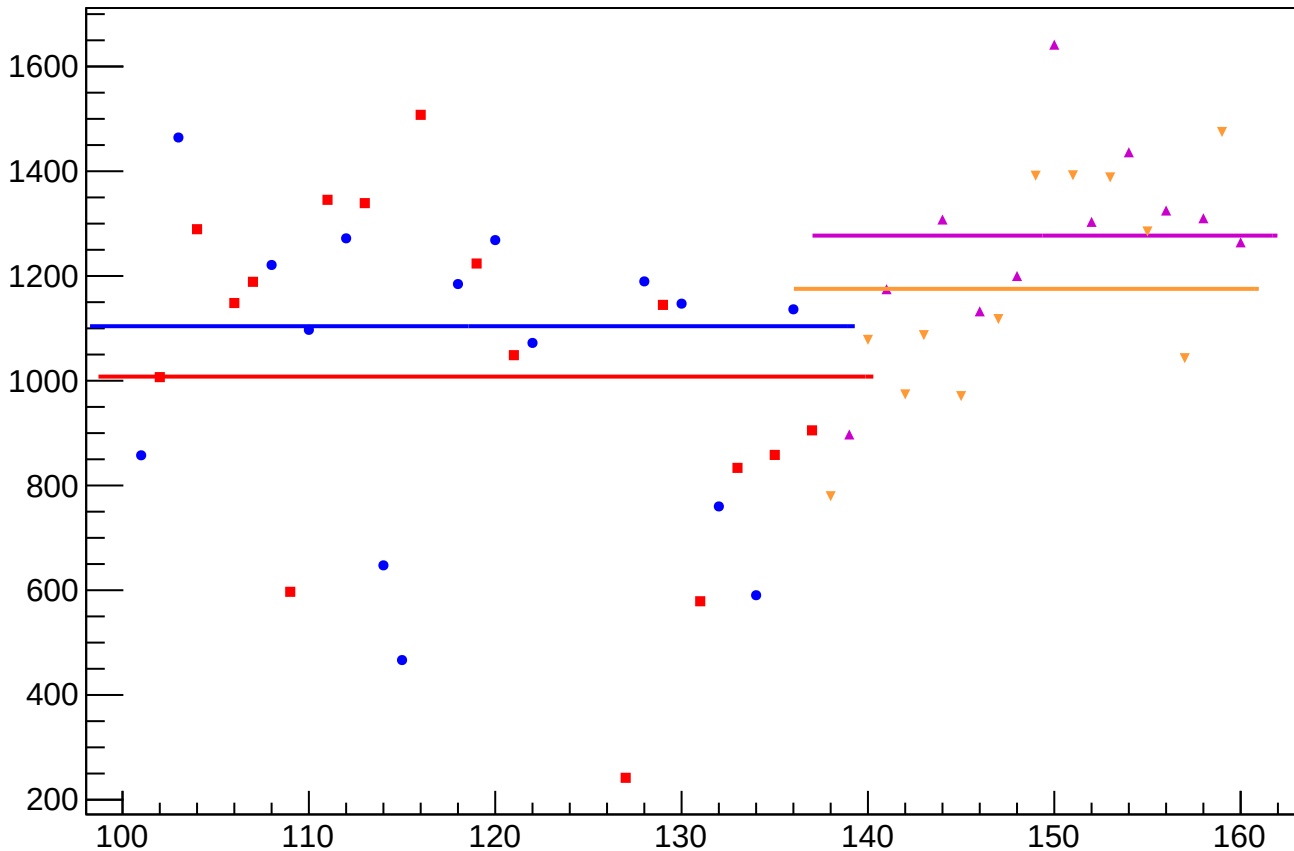
- sign 3430.319+/-0.000 χ^2/NDF : 26930874223674

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

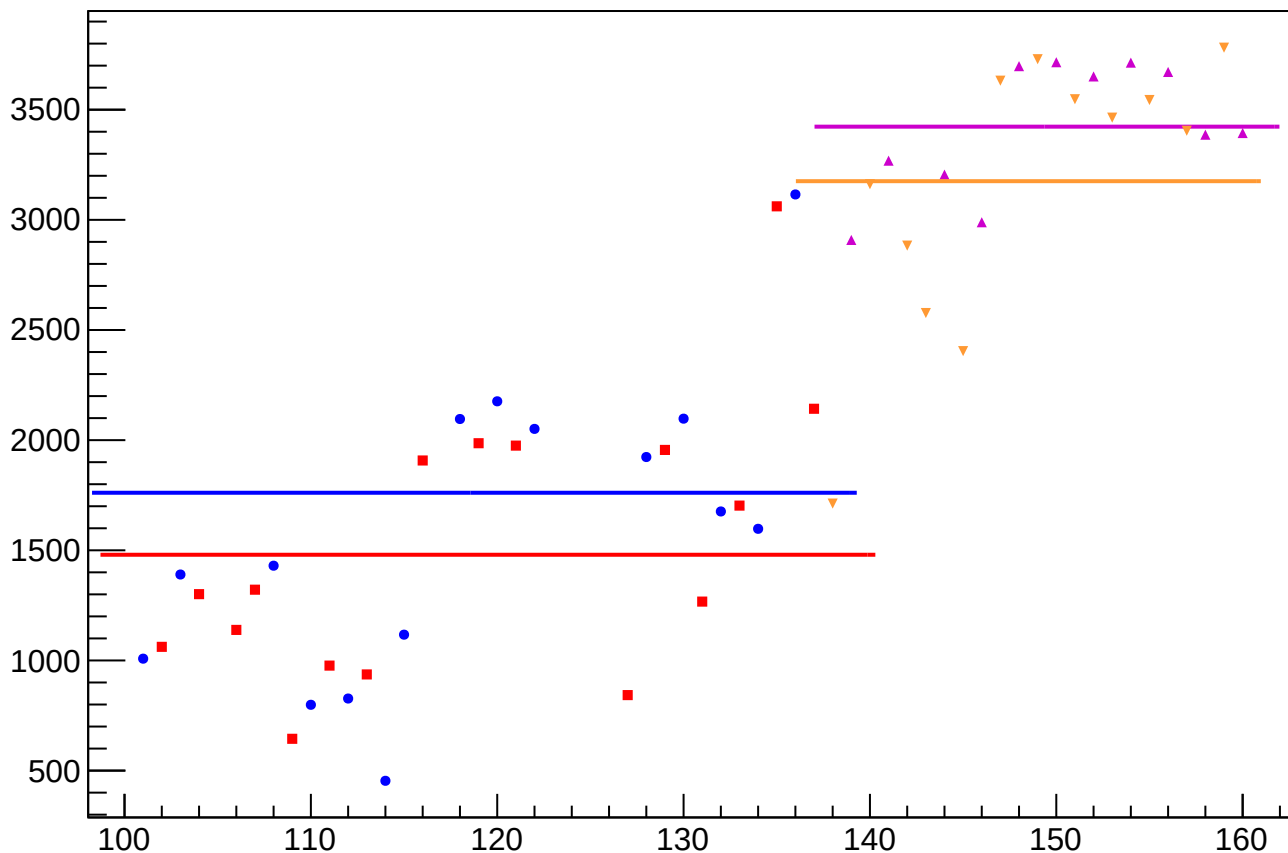
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

All: 1155.145+/-0.000 χ^2/NDF : 20163313284.0/44

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

+ sign 2589.389+/-0.000 χ^2/NDF : 14396126563155

Left Out: 3175.502+/-0.000 χ^2/NDF : 347291191980203589558827802227239813120.0/11

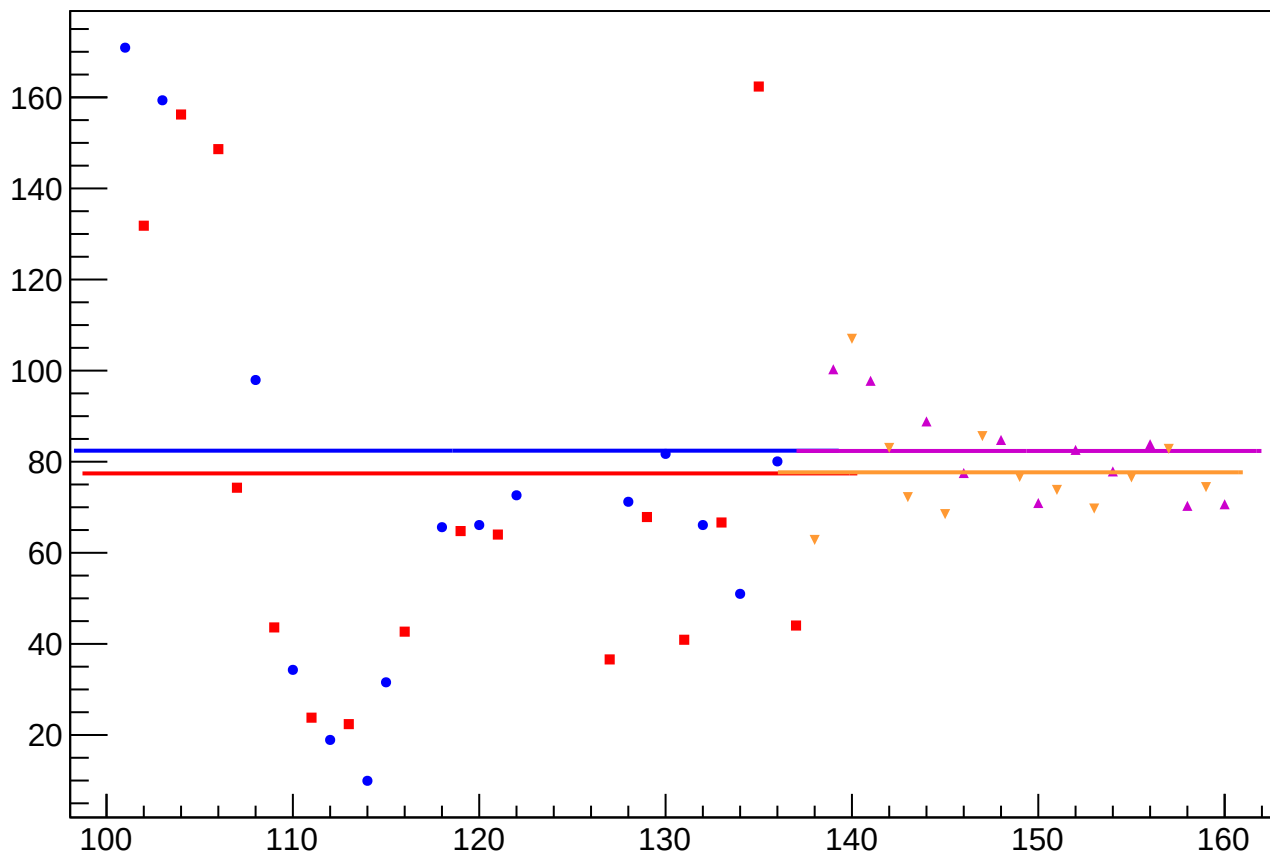
All: 2598.948+/-0.000 χ^2/NDF : 32406517167

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

- sign 2608.357+/-0.000 χ^2/NDF : 18007551336700

Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 77.672+/-0.000 χ^2/NDF : 112359425970115396973191851205984256.0/11

Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

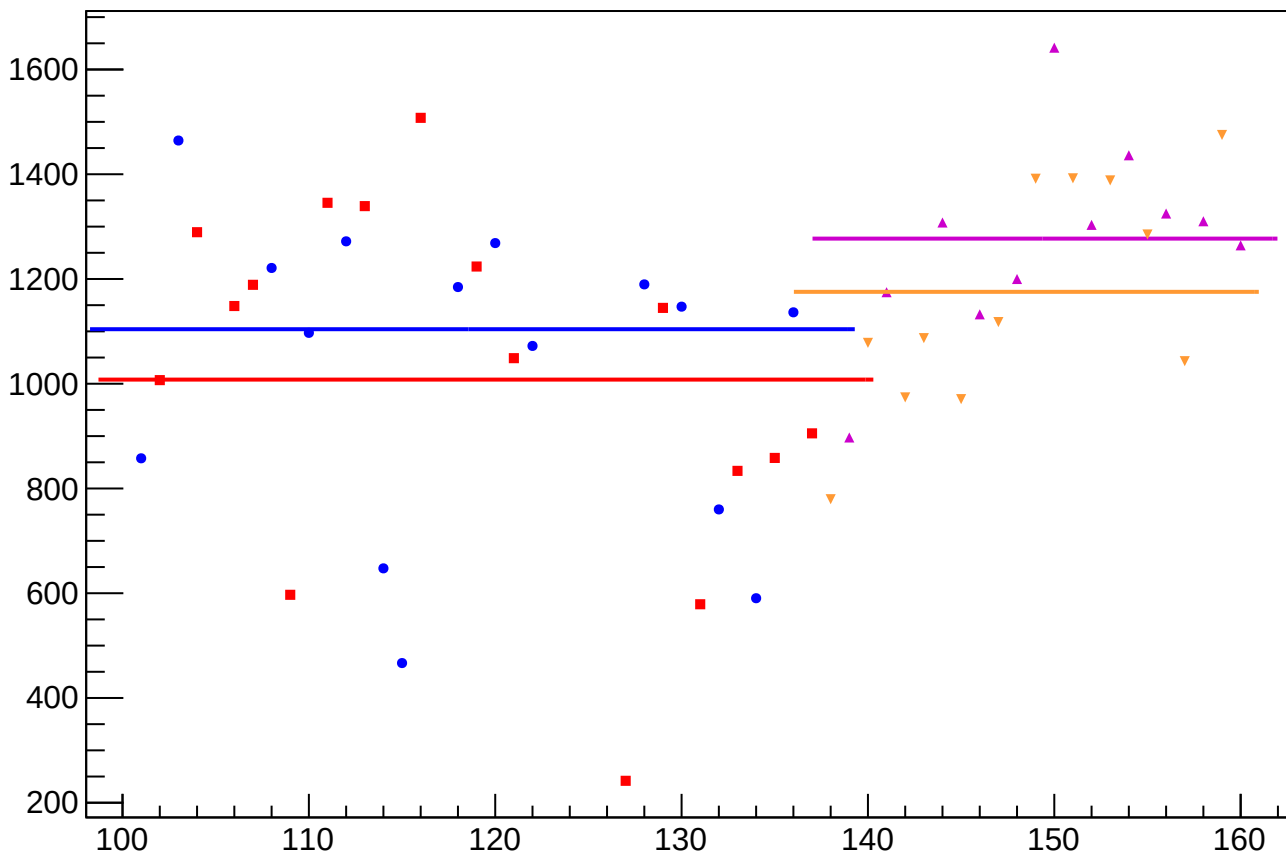
Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

+ sign 79.641+/-0.000 χ^2/NDF : 1384567048715076

All: 79.970+/-0.000 χ^2/NDF : 2997940273894

- sign 80.294+/-0.000 χ^2/NDF : 1613036492452020

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

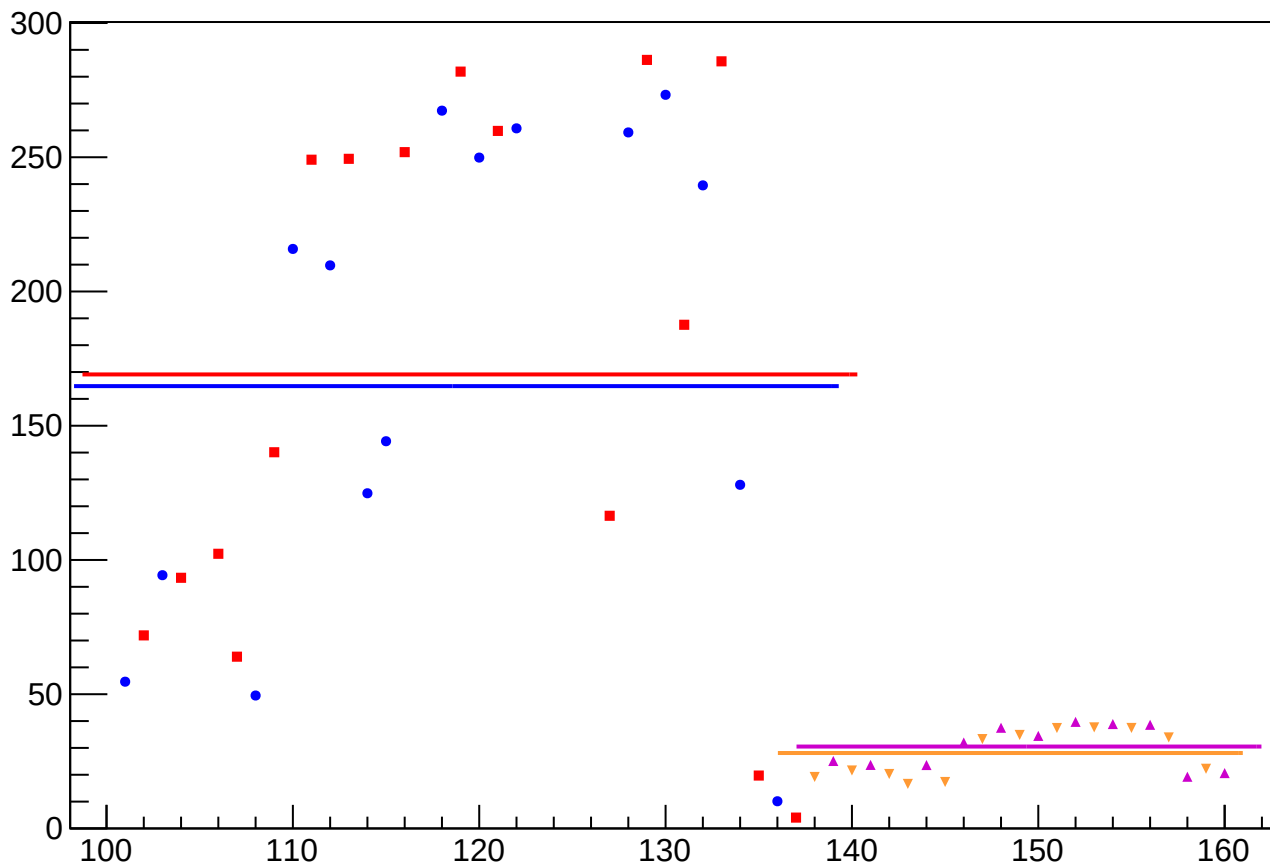
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 2016331328

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

+ sign 84.733+/-0.000 χ^2/NDF : 1352997294954510

Left Out: 28.100+/-0.000 χ^2/NDF : 63517357309911090447070669792346112.0/11

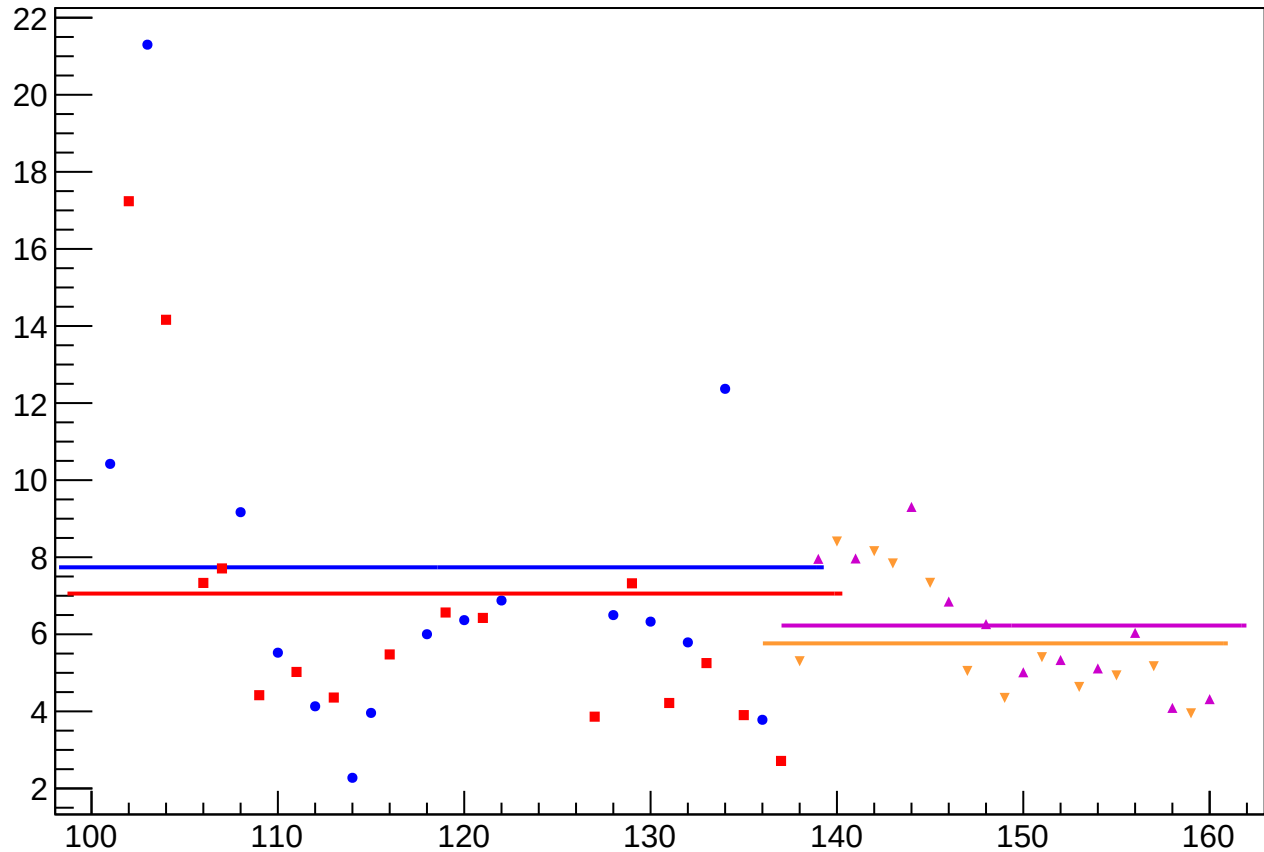
All: 86.688+/-0.000 χ^2/NDF : 2707660561203

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+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.764+/-0.000 χ^2/NDF : 2014473932574383690261327211659264.0/11

Right Out: 7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

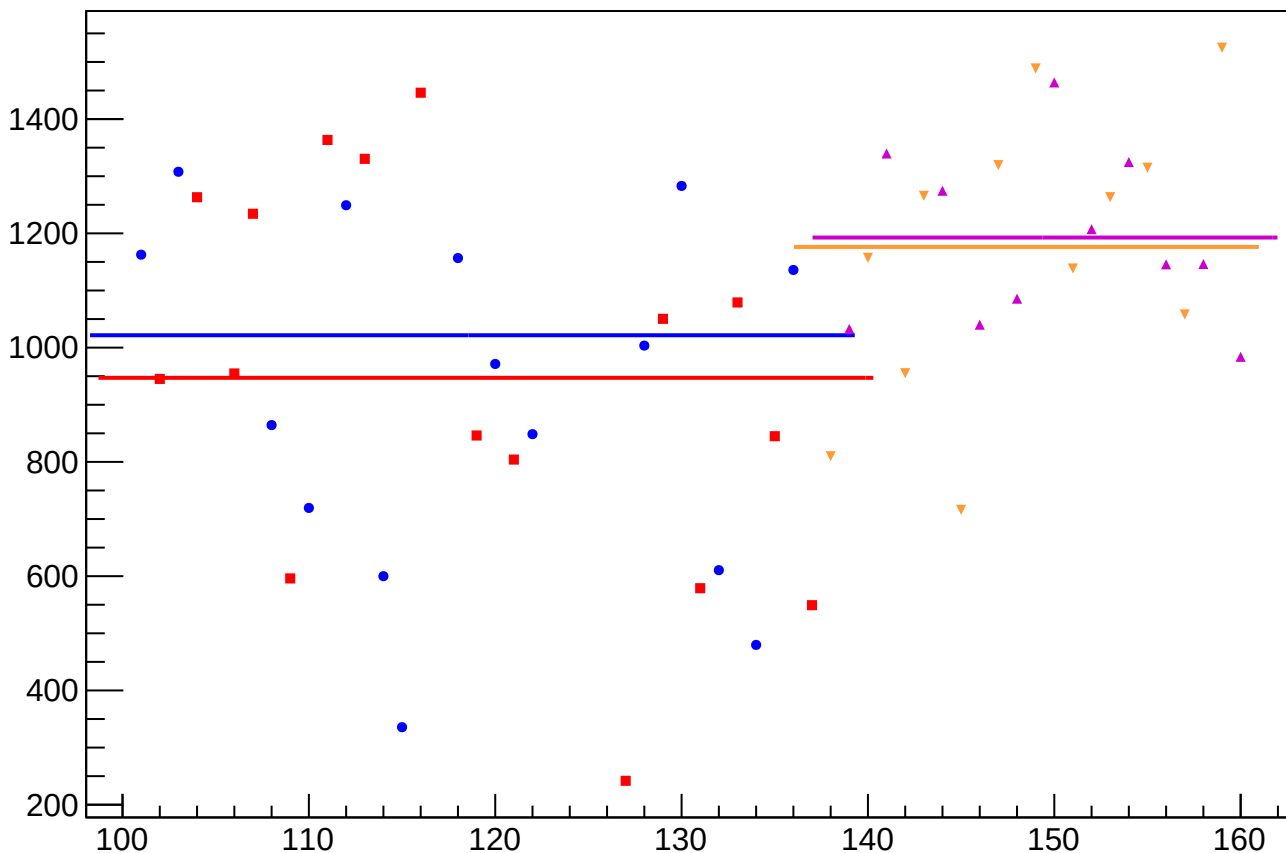
Left In: 6.228+/-0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

+ sign 6.582+/-0.000 χ^2/NDF : 18622625397186852

All: 6.579+/-0.000 χ^2/NDF : 32513446836345

- sign 6.575+/-0.000 χ^2/NDF : 13890781213861884

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

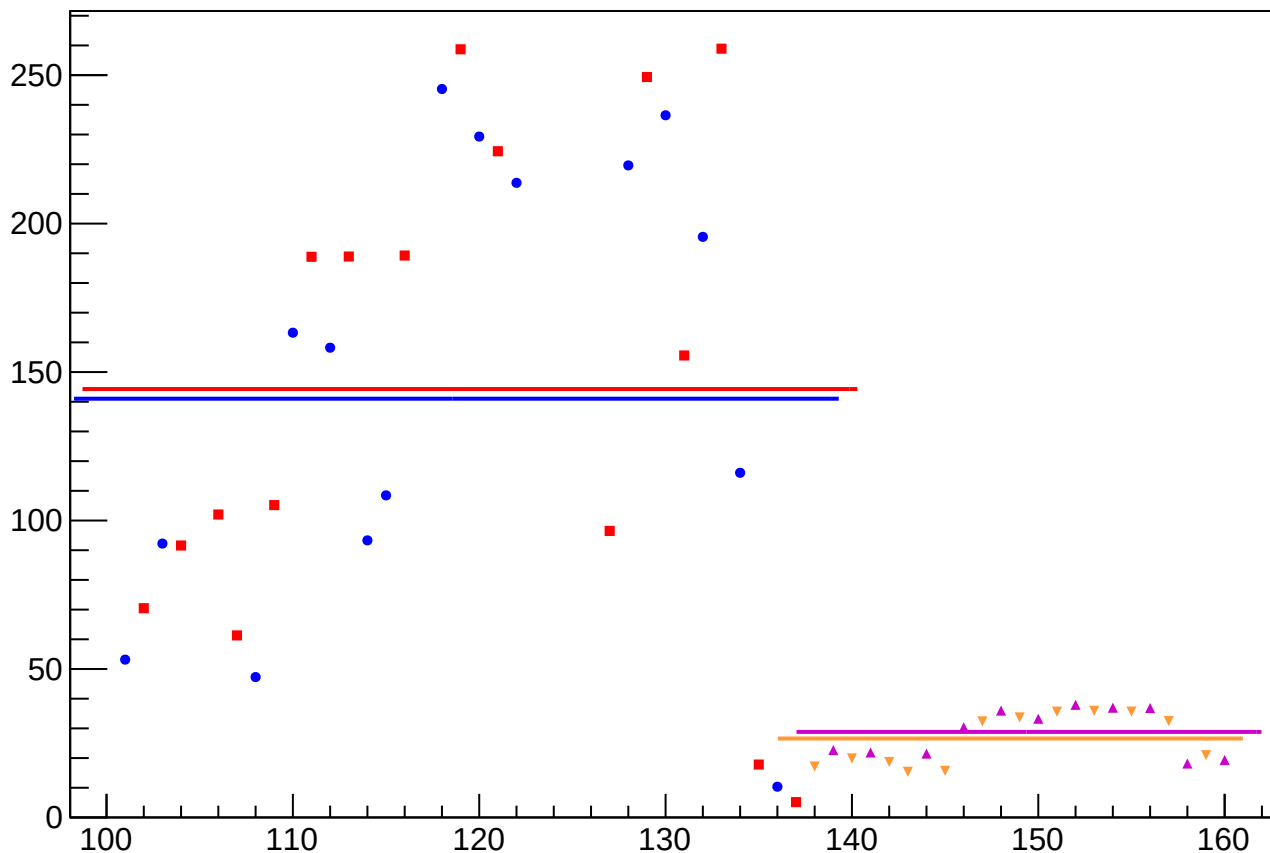
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

Left Out: 26.582+/-0.000 χ^2/NDF : 63880546932393658050614652141830144.0/11

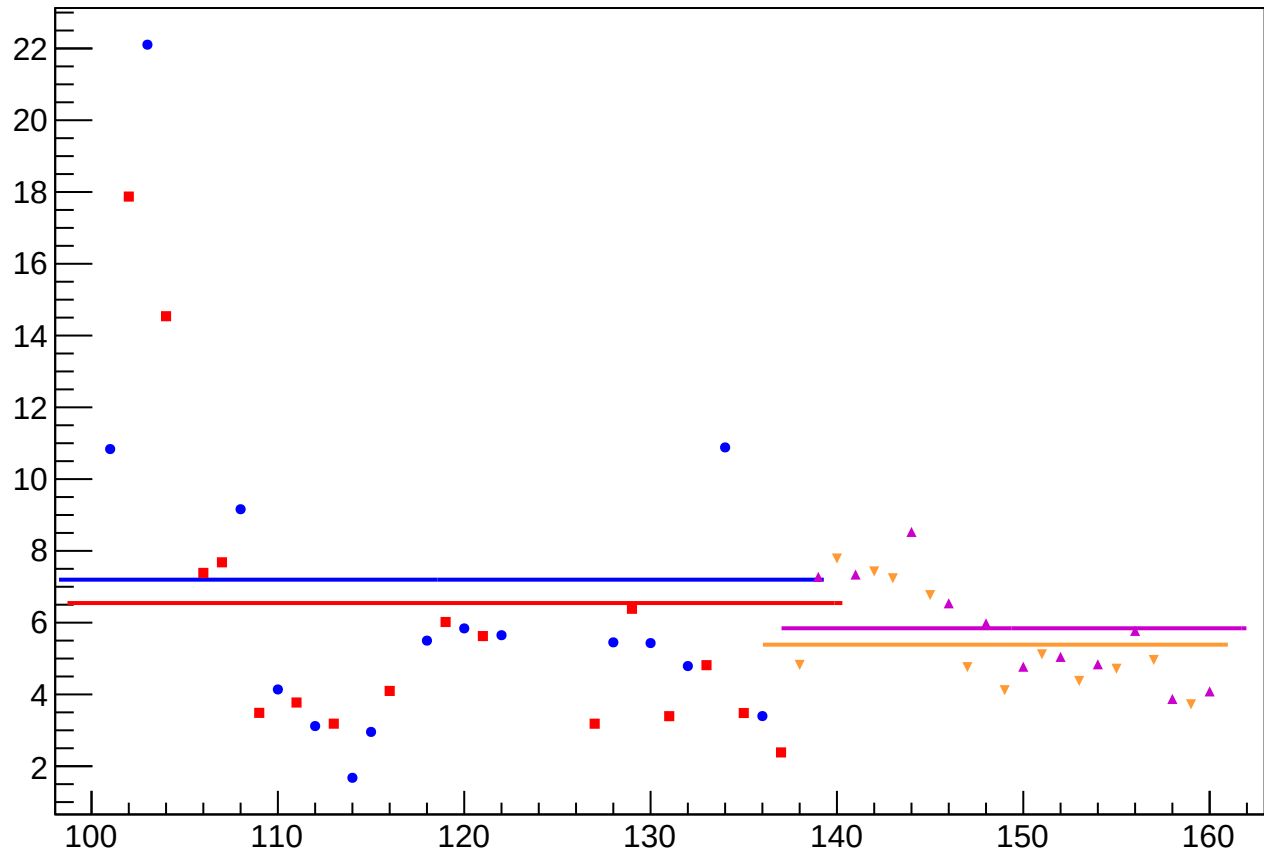
Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

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

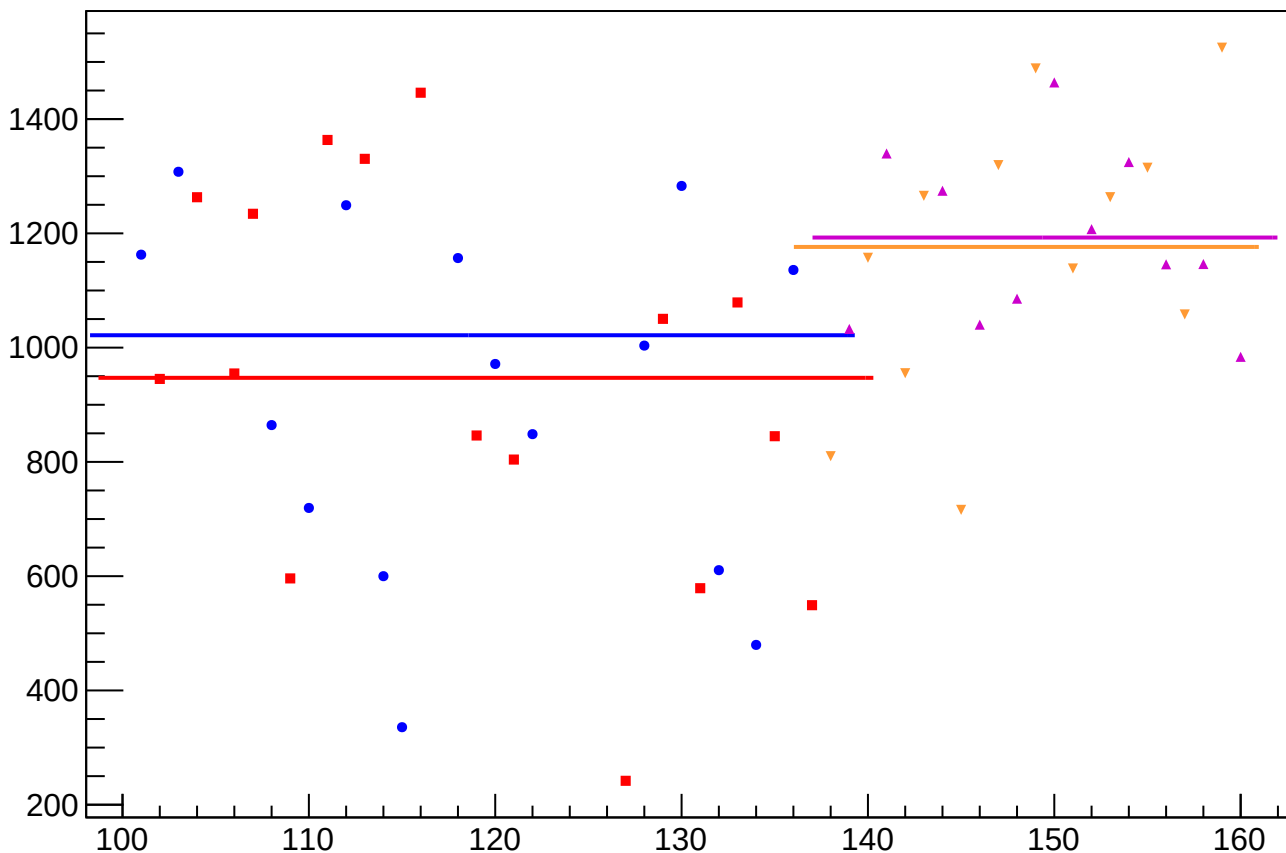
Left In: 5.843 ± 0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

+ 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

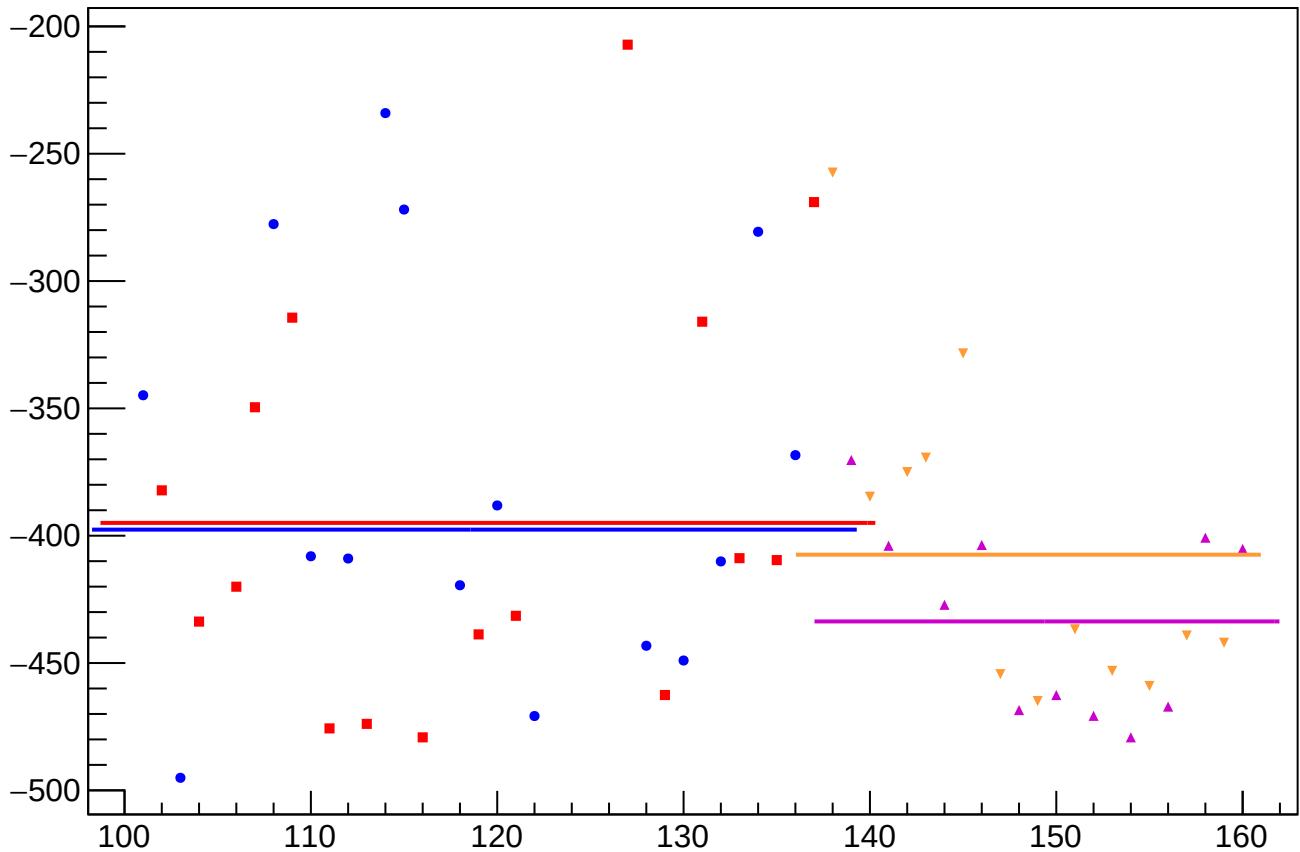
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

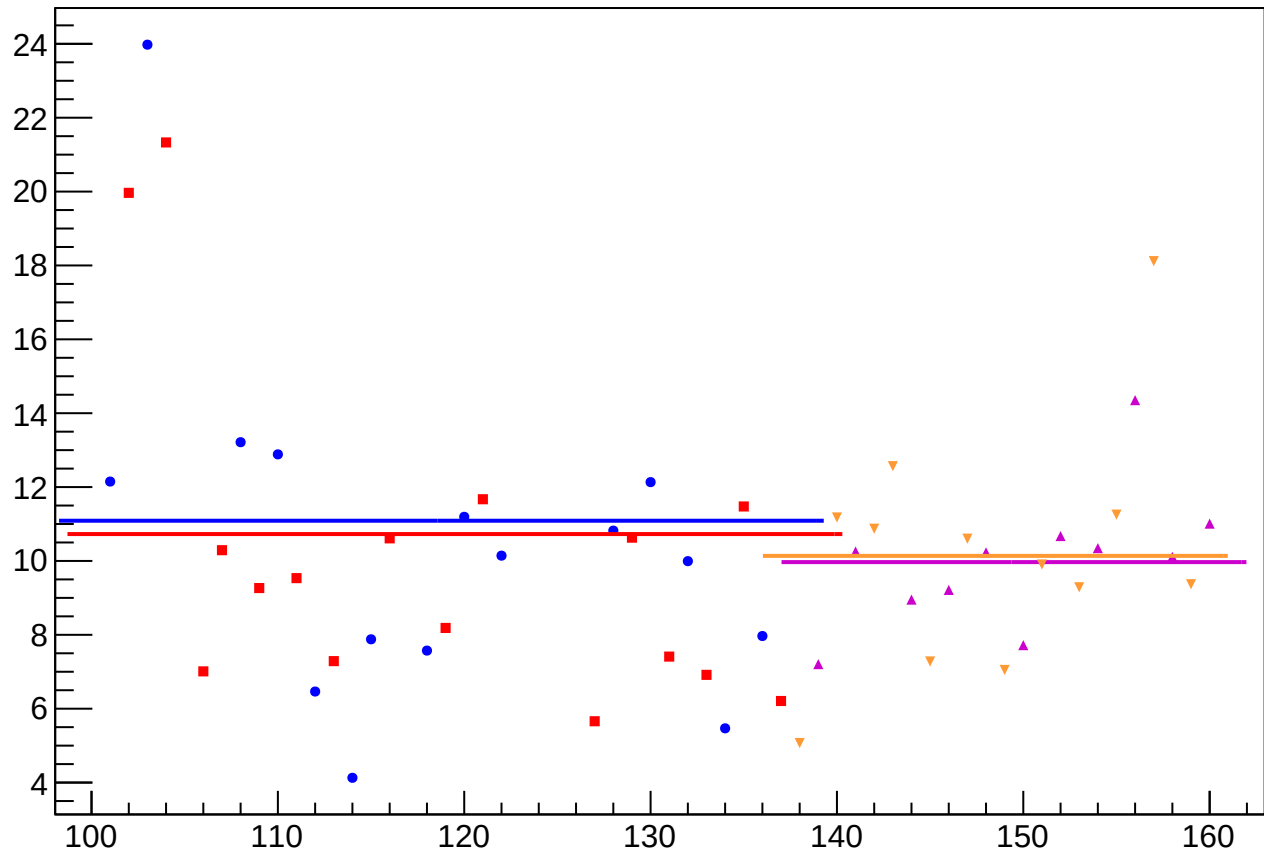
Left In: -433.664+/-0.000 χ^2/NDF : 1198237421385461104687495484599697408.0/10

+ 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

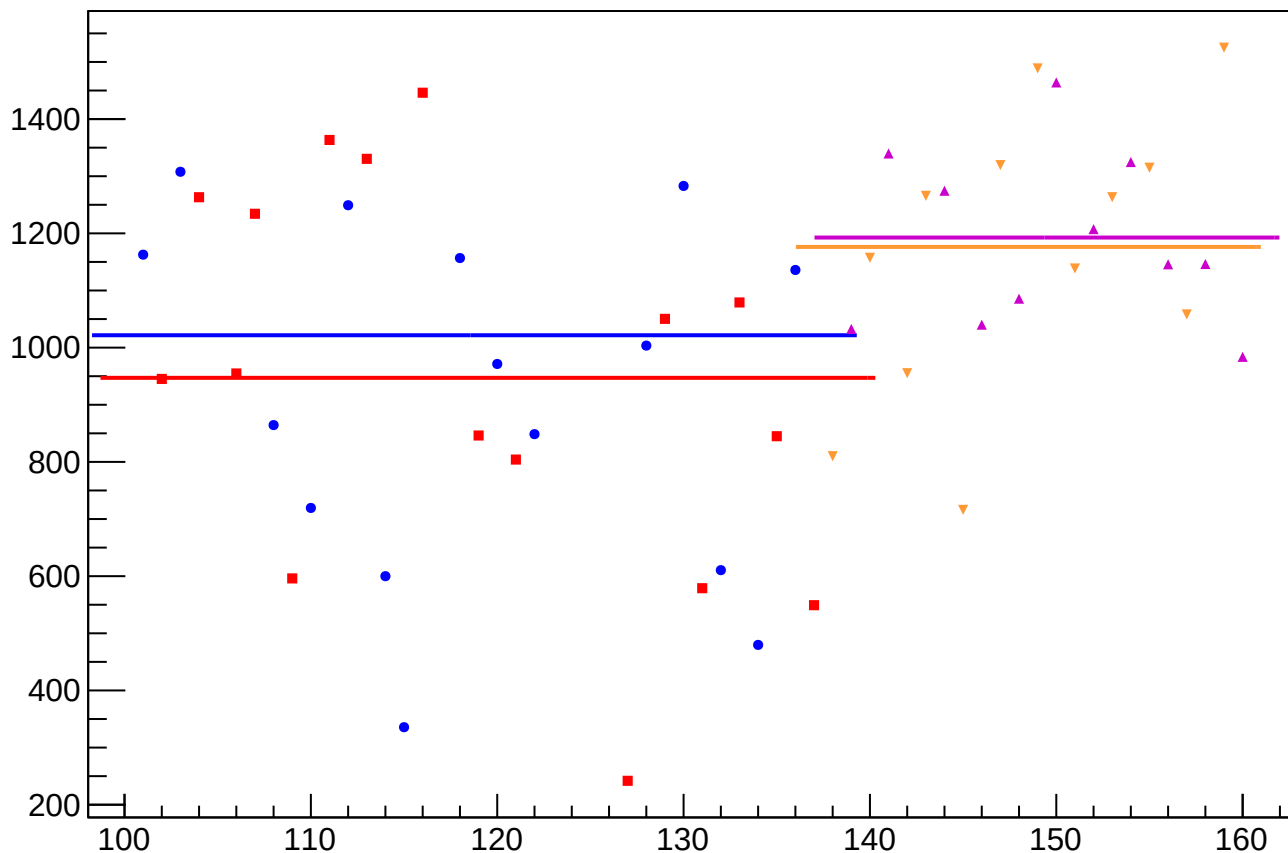
Left Out: 10.137 $\pm$ 0.000 χ^2 /NDF: 9233961900502442042562315288576000.0/11

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

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

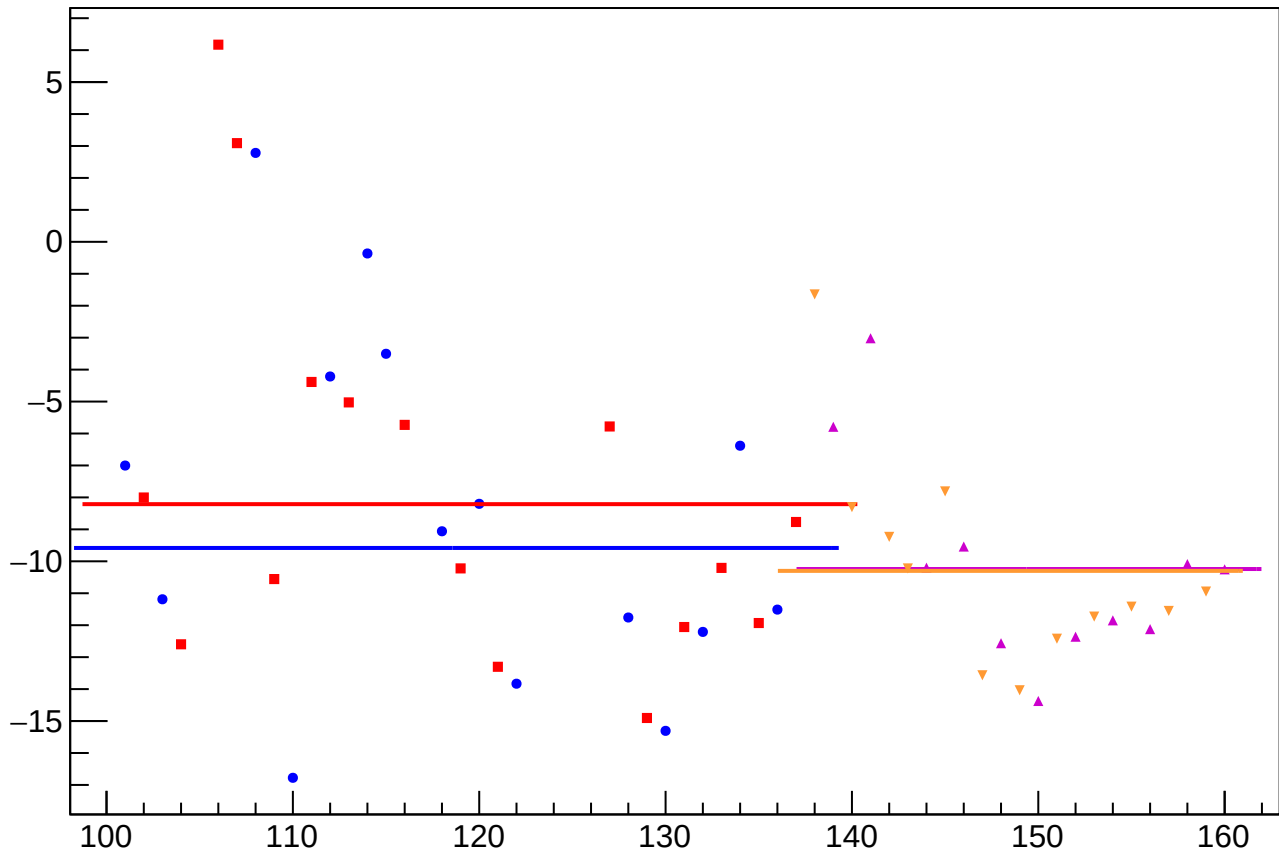
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1112.188 $\pm$ 0.000 χ^2 /NDF: 10292693819422

All: 1100.879 $\pm$ 0.000 χ^2 /NDF: 21371922767

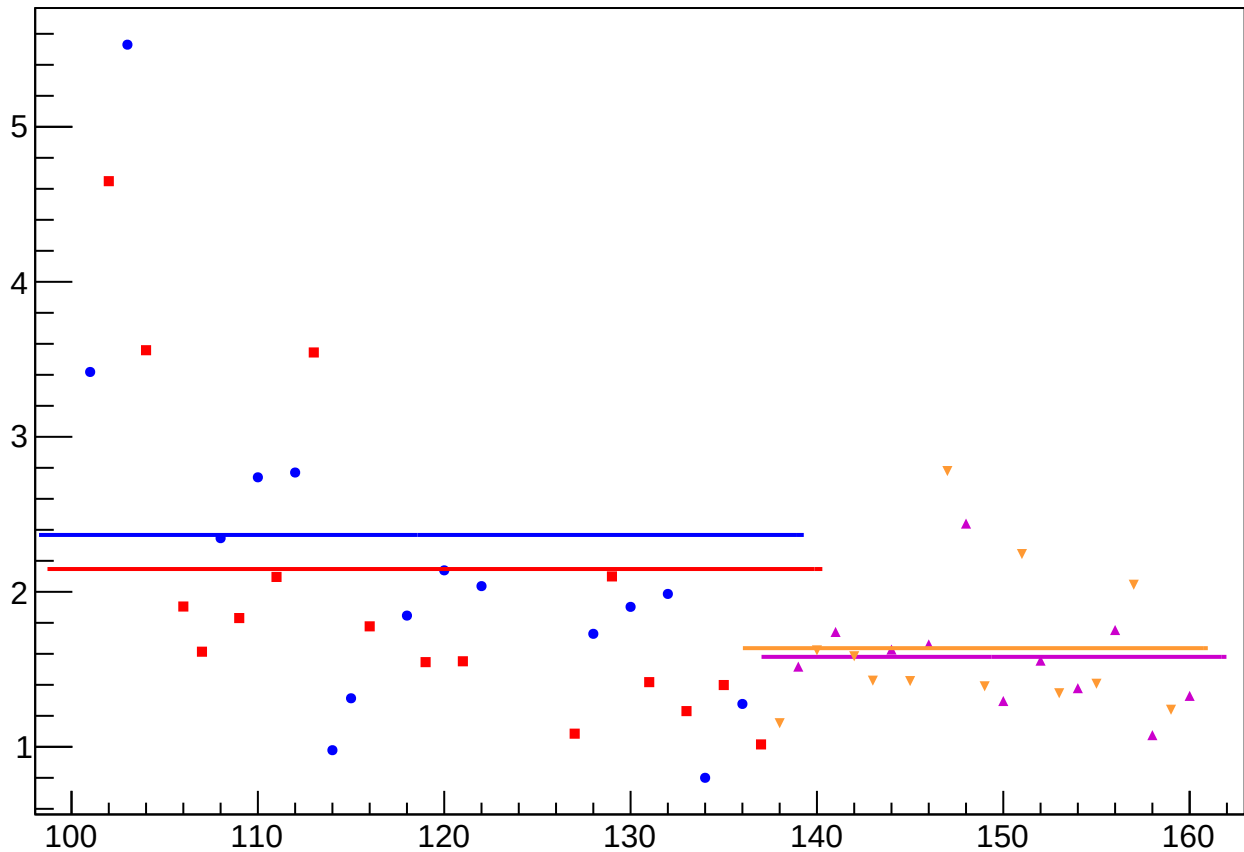
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

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

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.637 $\pm$ 0.000 χ^2 /NDF: 197584846951597051944769289191424.0/11

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

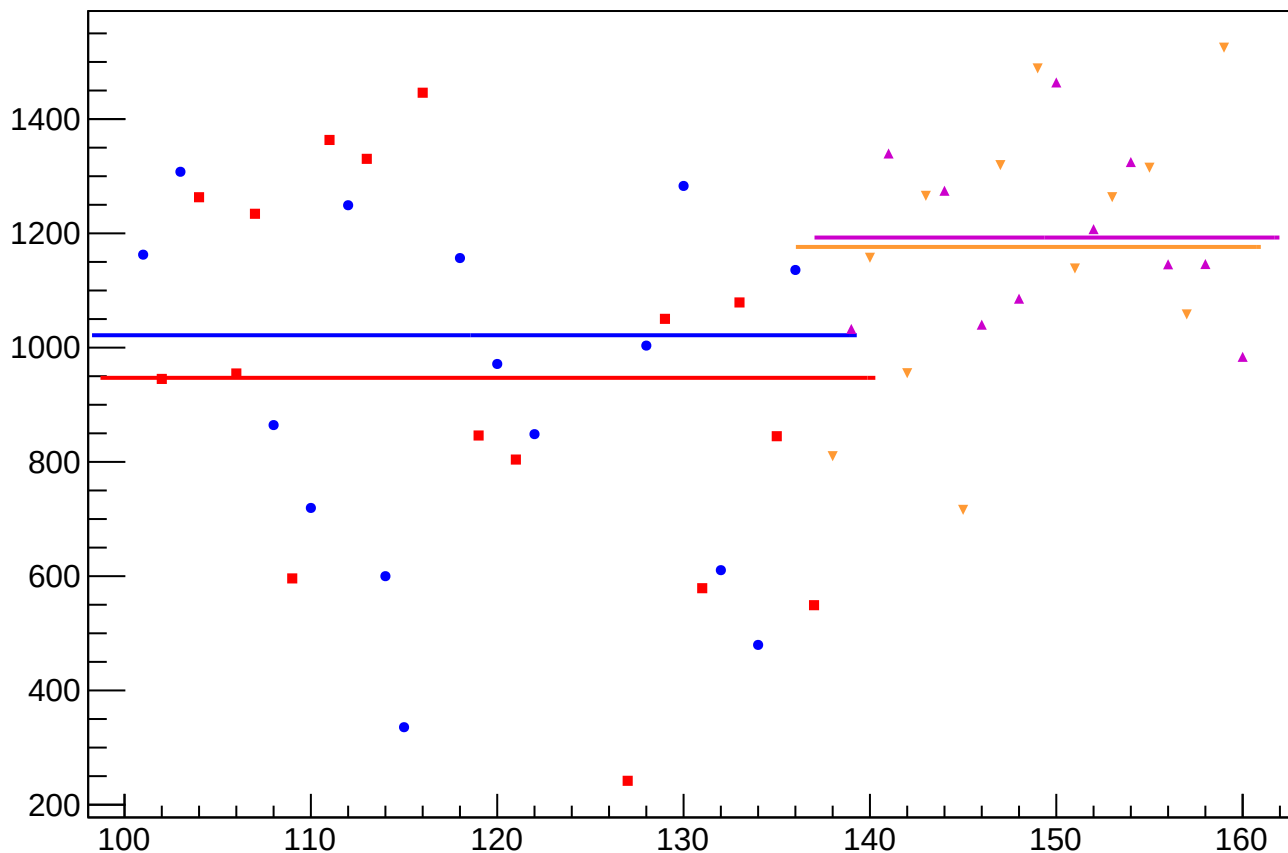
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ sign 1.939 $\pm$ 0.000 χ^2 /NDF: 13209687633511576

All: 1.878 $\pm$ 0.000 χ^2 /NDF: 23253033241293

- sign 1.818 $\pm$ 0.000 χ^2 /NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

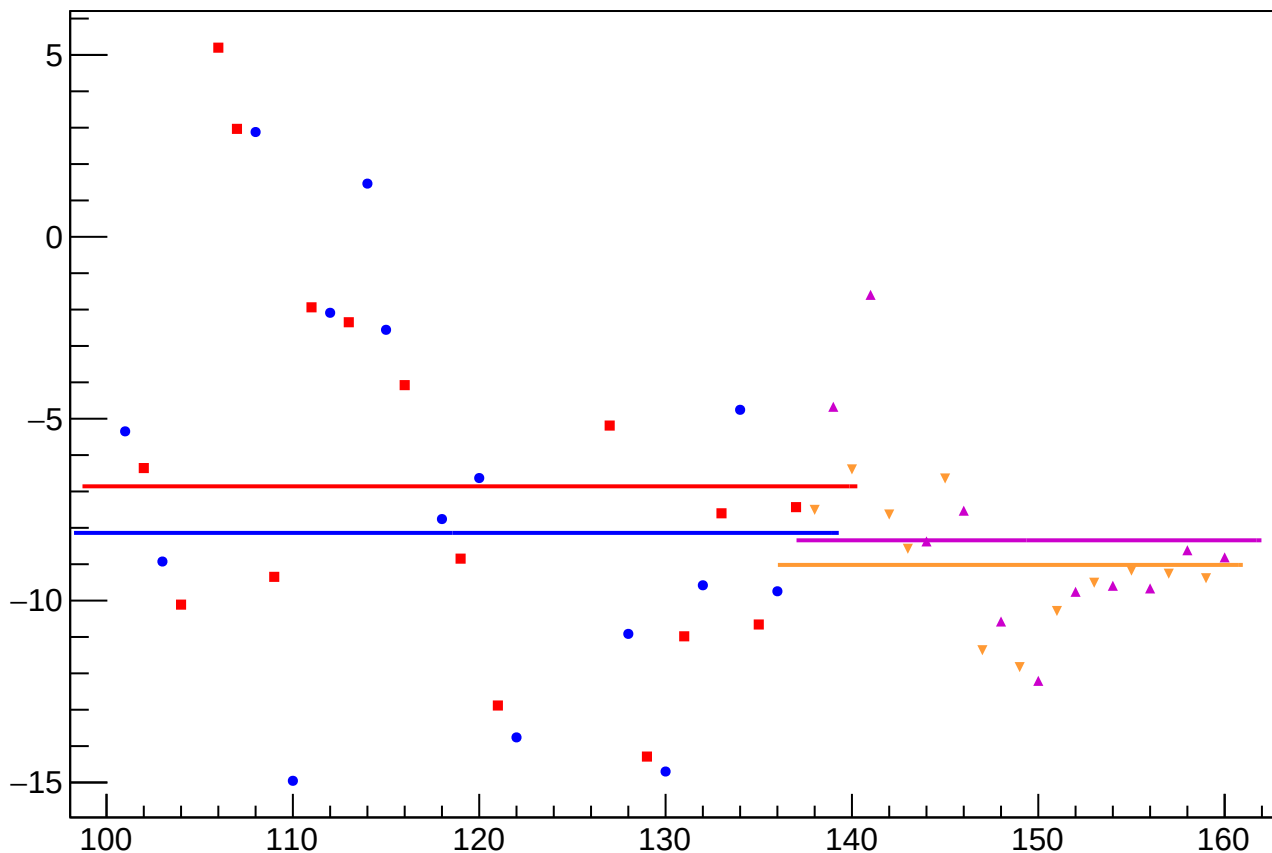
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -9.019 ± 0.000 χ^2/NDF : 2556393635520144823493802684579840.0/11

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

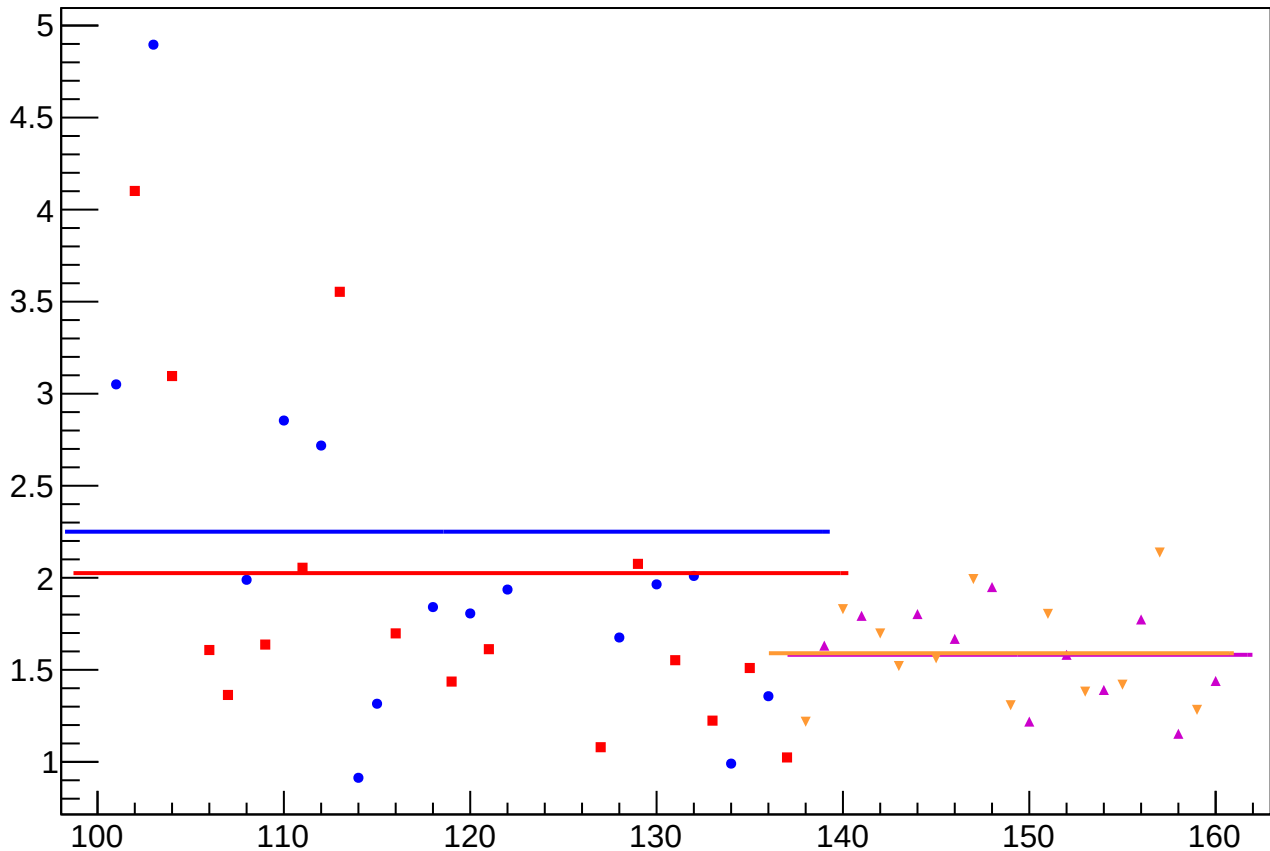
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.654 ± 0.000 χ^2/NDF : 1752717108252513

All: -8.184 ± 0.000 χ^2/NDF : 4282044438070

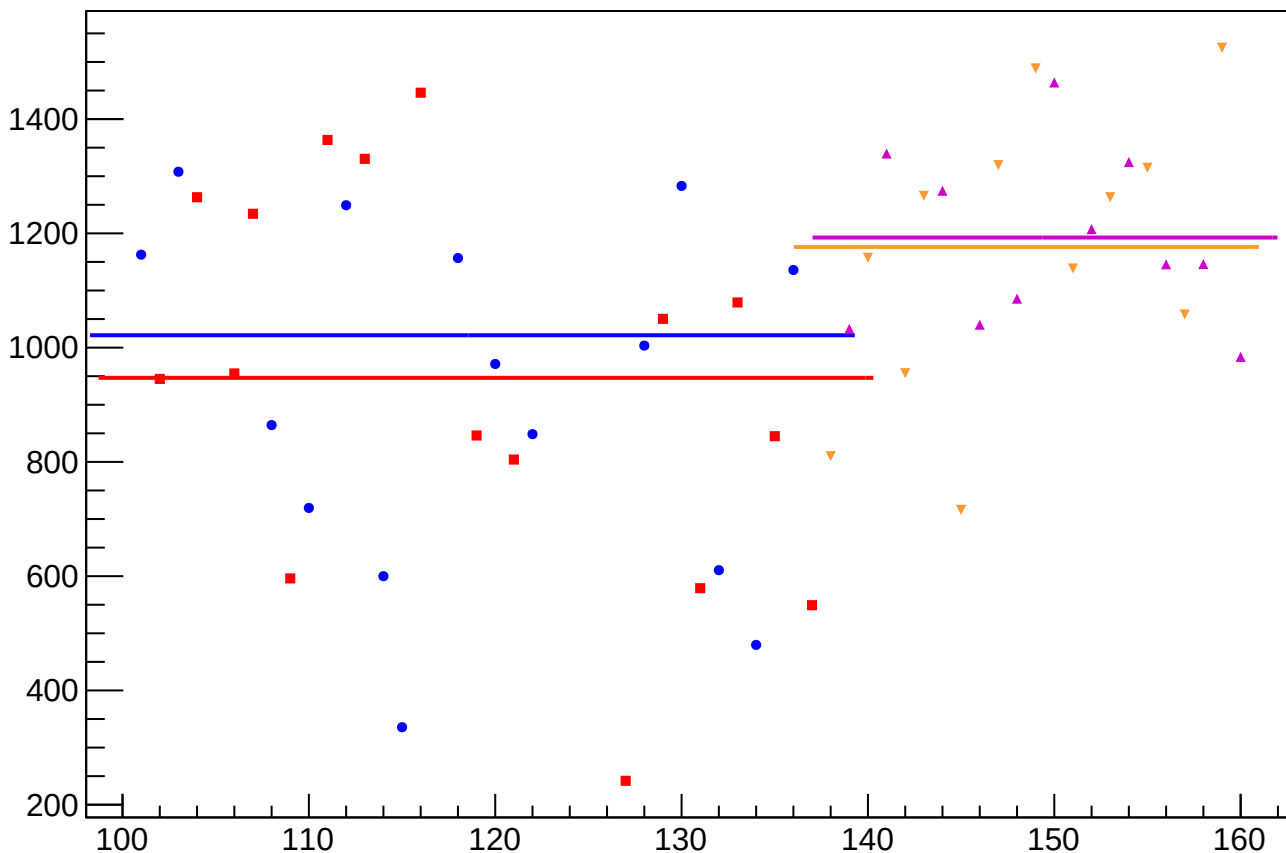
- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.590 ± 0.000 χ^2/NDF : 76554351114693669605218090745856.0/11
 Right Out: 2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10
 All: 1.815 ± 0.000 χ^2/NDF : 16162226214289.0/15
 + sign 1.864 ± 0.000 χ^2/NDF : 89900407422564290.0/15
 - sign 1.768 ± 0.000 χ^2/NDF : 70992647799477177.0/15

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-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

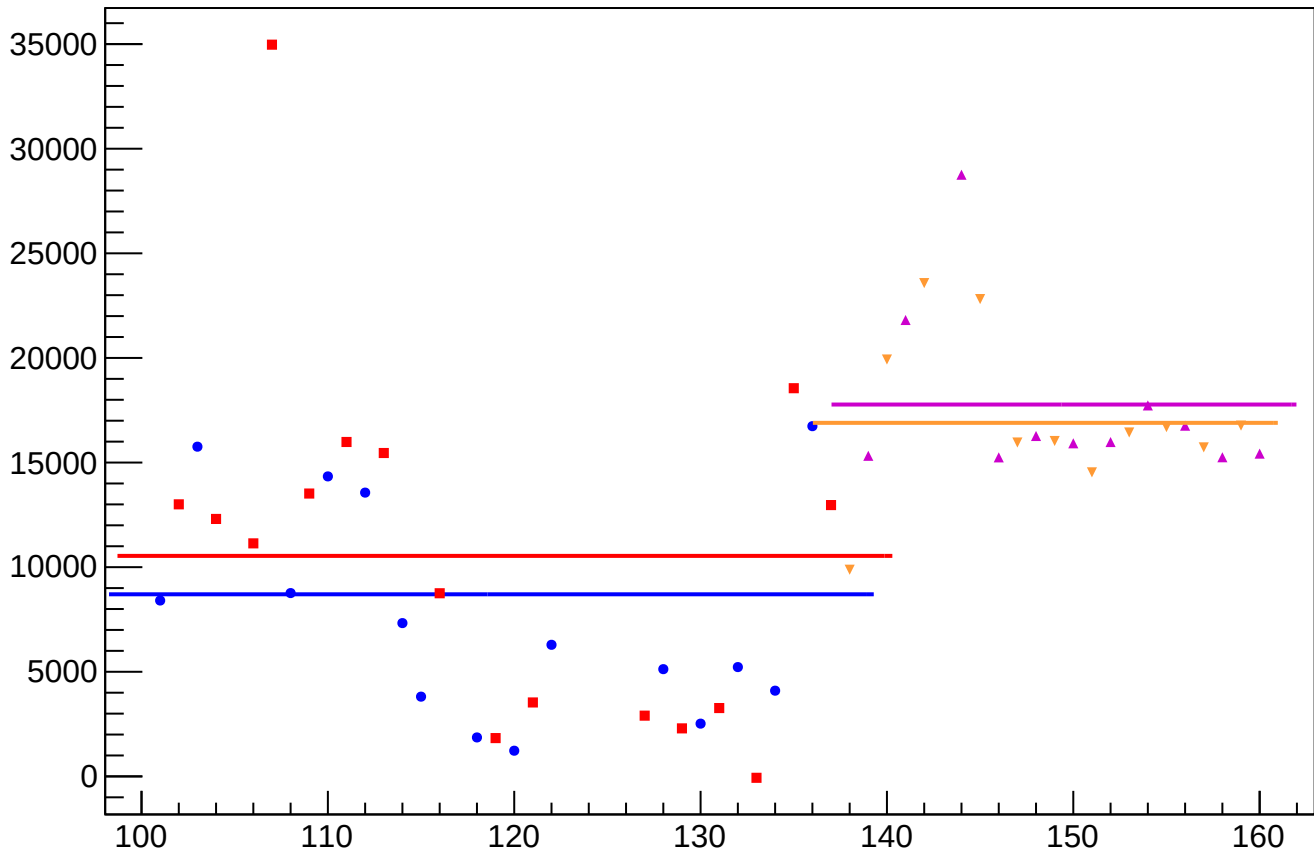
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

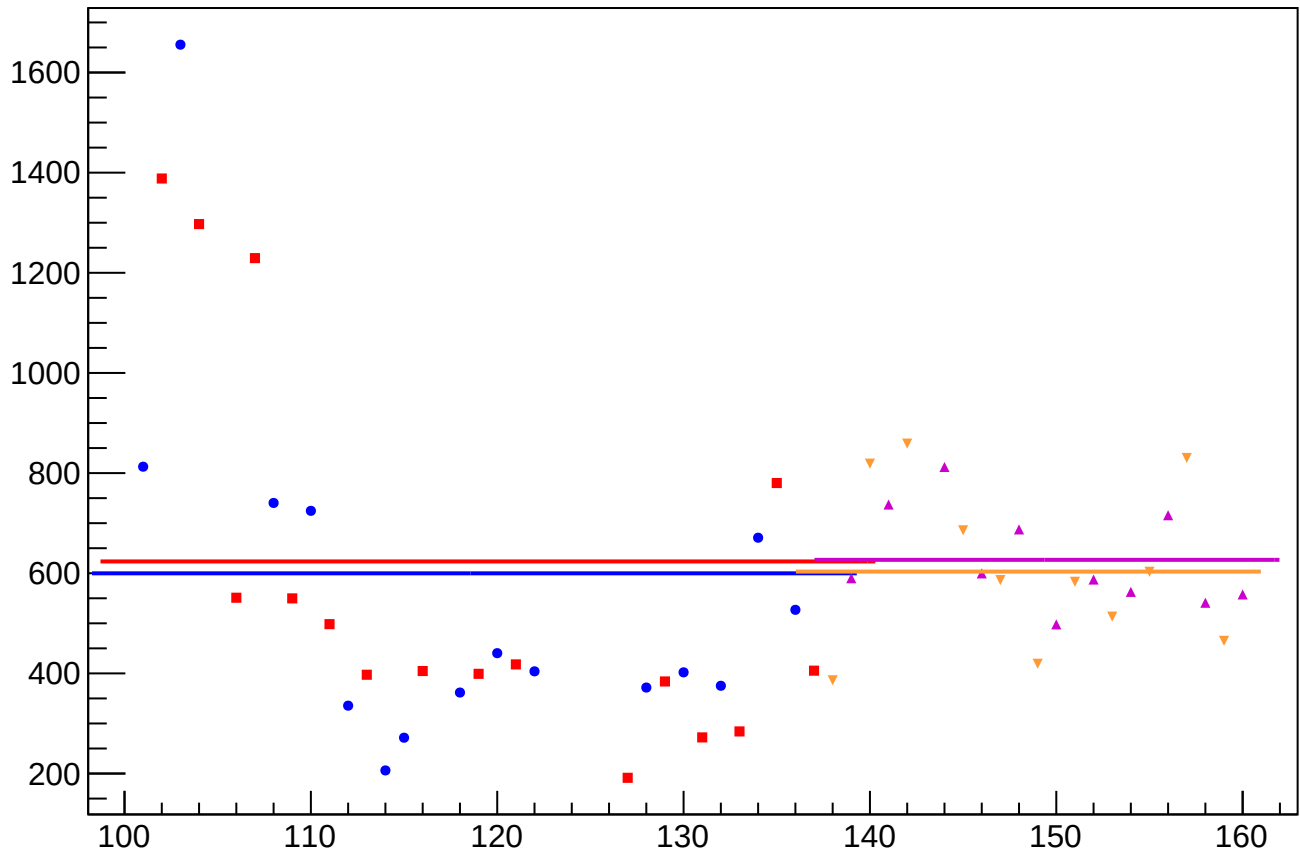
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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



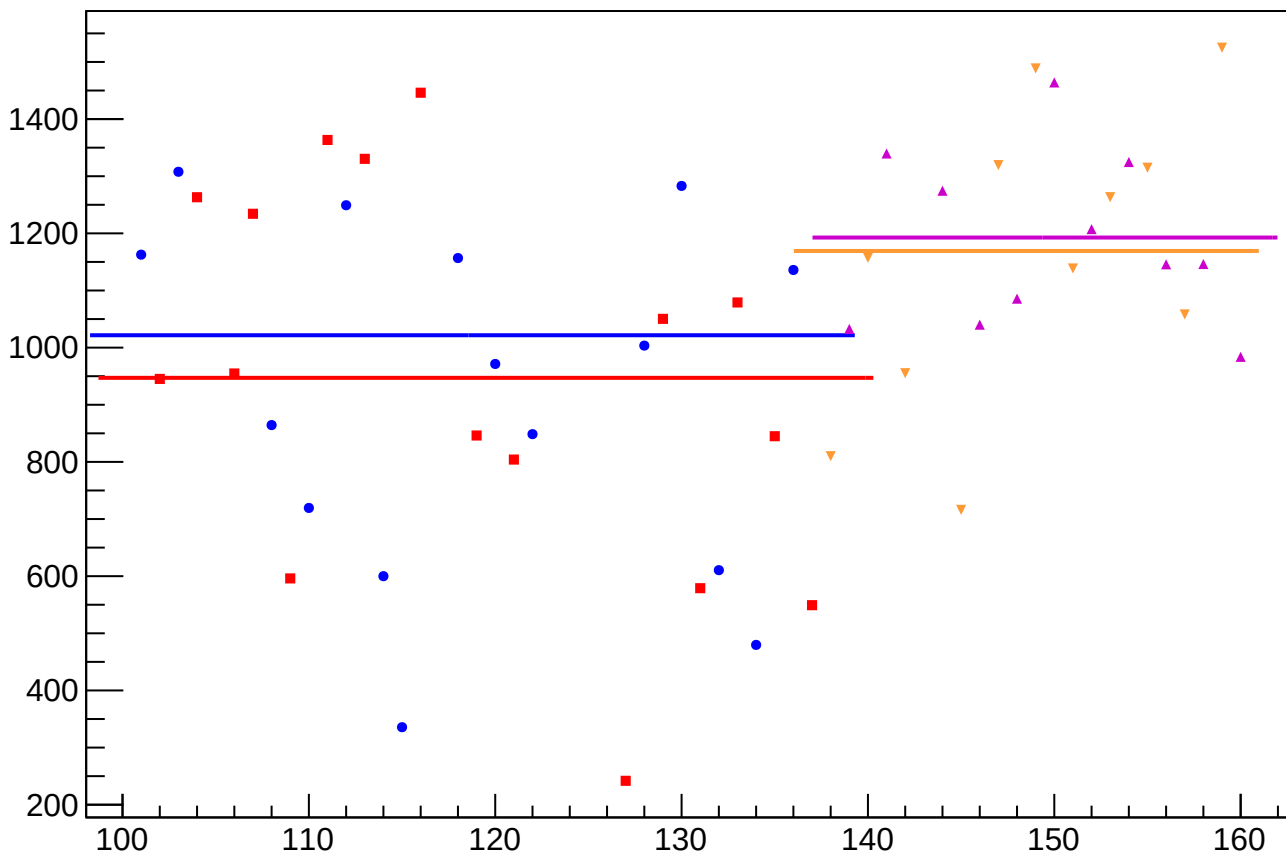
Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

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

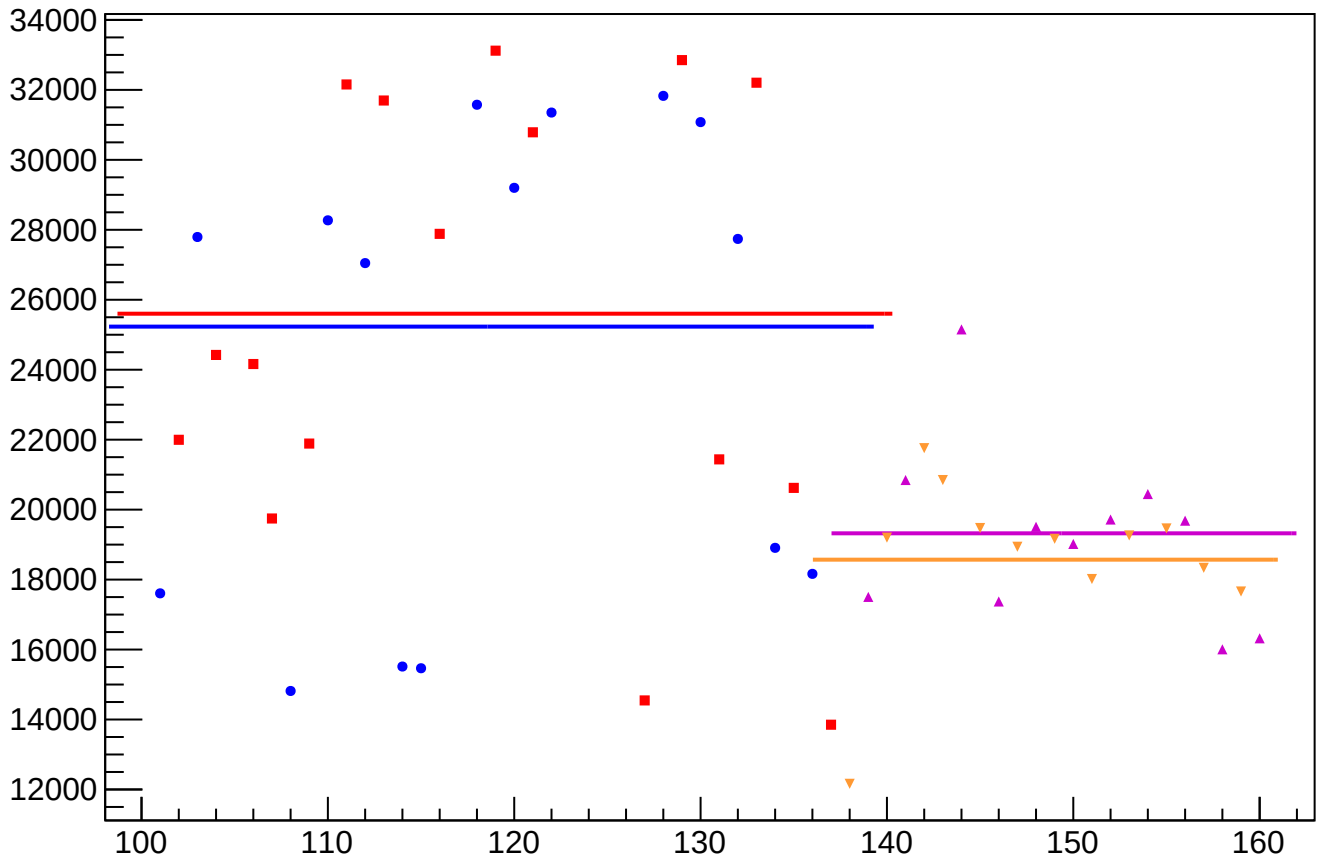
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1105.328+/-0.000 χ^2/NDF : 10127806605821

All: 1097.306+/-0.000 χ^2/NDF : 21186028983

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

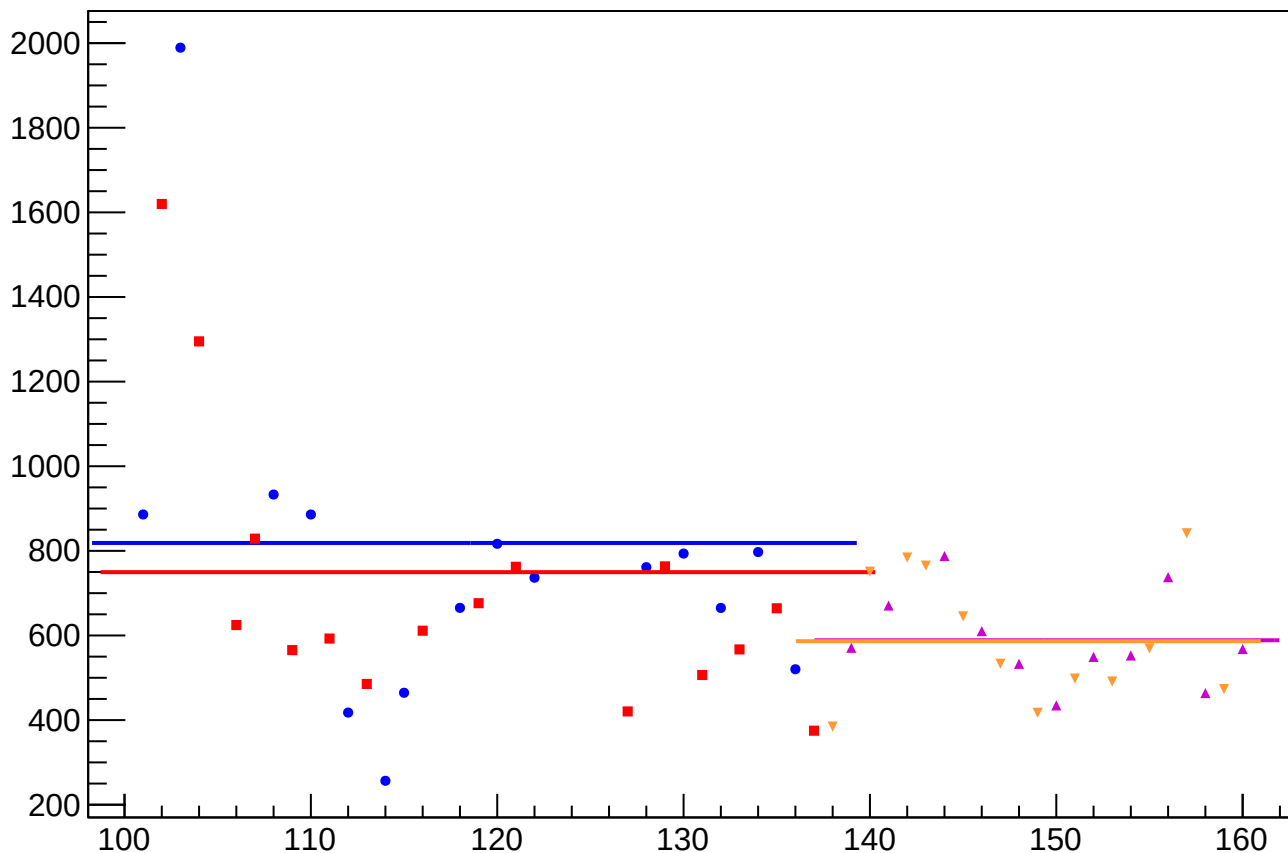
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18569.658+/-0.000	χ^2/NDF : 4355453929949745896740569008121325813760.0/11
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 19322.974+/-0.000	χ^2/NDF : 5509841990831420617123513924011035721728.0/10

+ sign 21330.839+/-0.000 χ^2/NDF : 4575967964808
 All: 21645.438+/-0.000 χ^2/NDF : 9120642152
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

+ sign 682.698+/-0.000 χ^2/NDF : 145896038766457

Left Out: 586.466+/-0.000 χ^2/NDF : 19798968336765265919175174287150546944.0/11

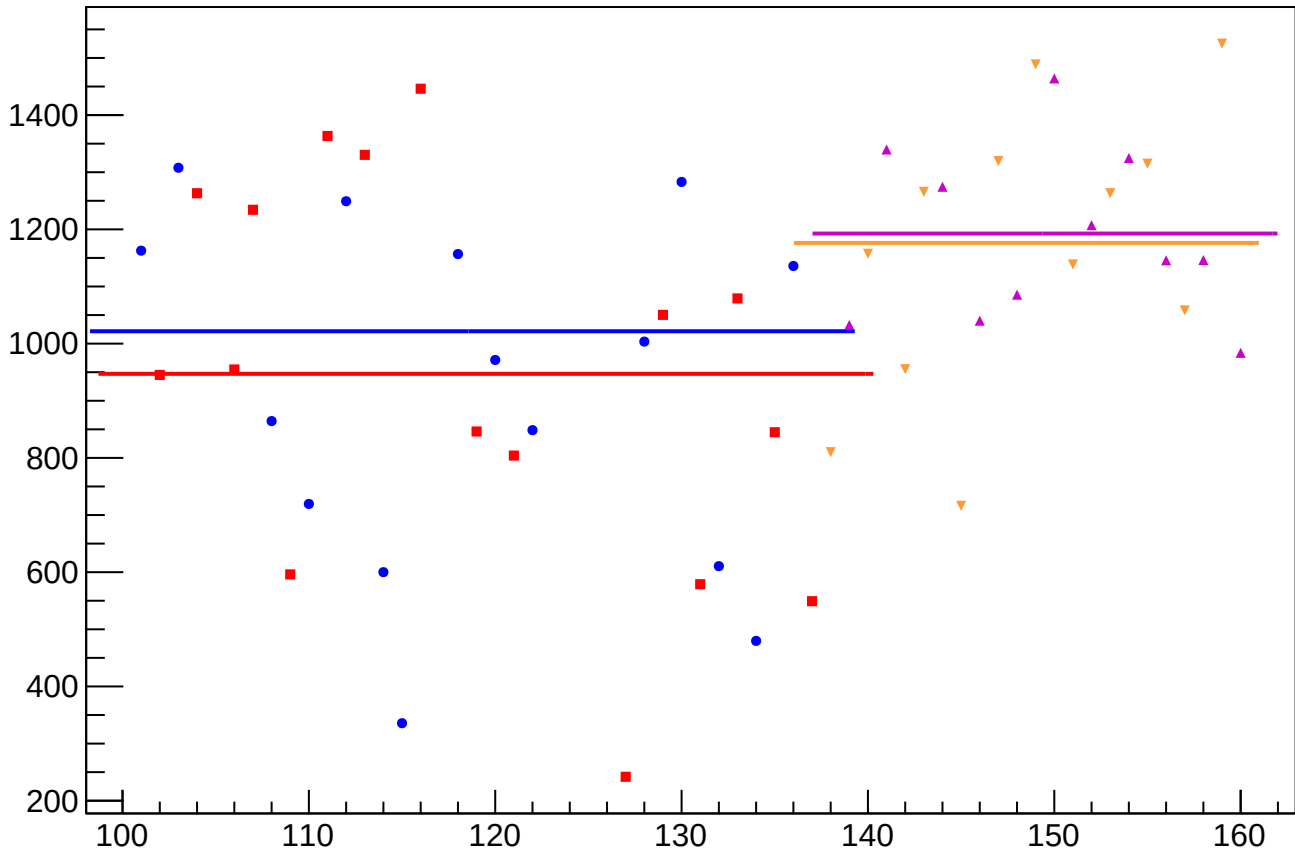
All: 669.332+/-0.000 χ^2/NDF : 24436536048

Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

- sign 656.176+/-0.000 χ^2/NDF : 979142023590546

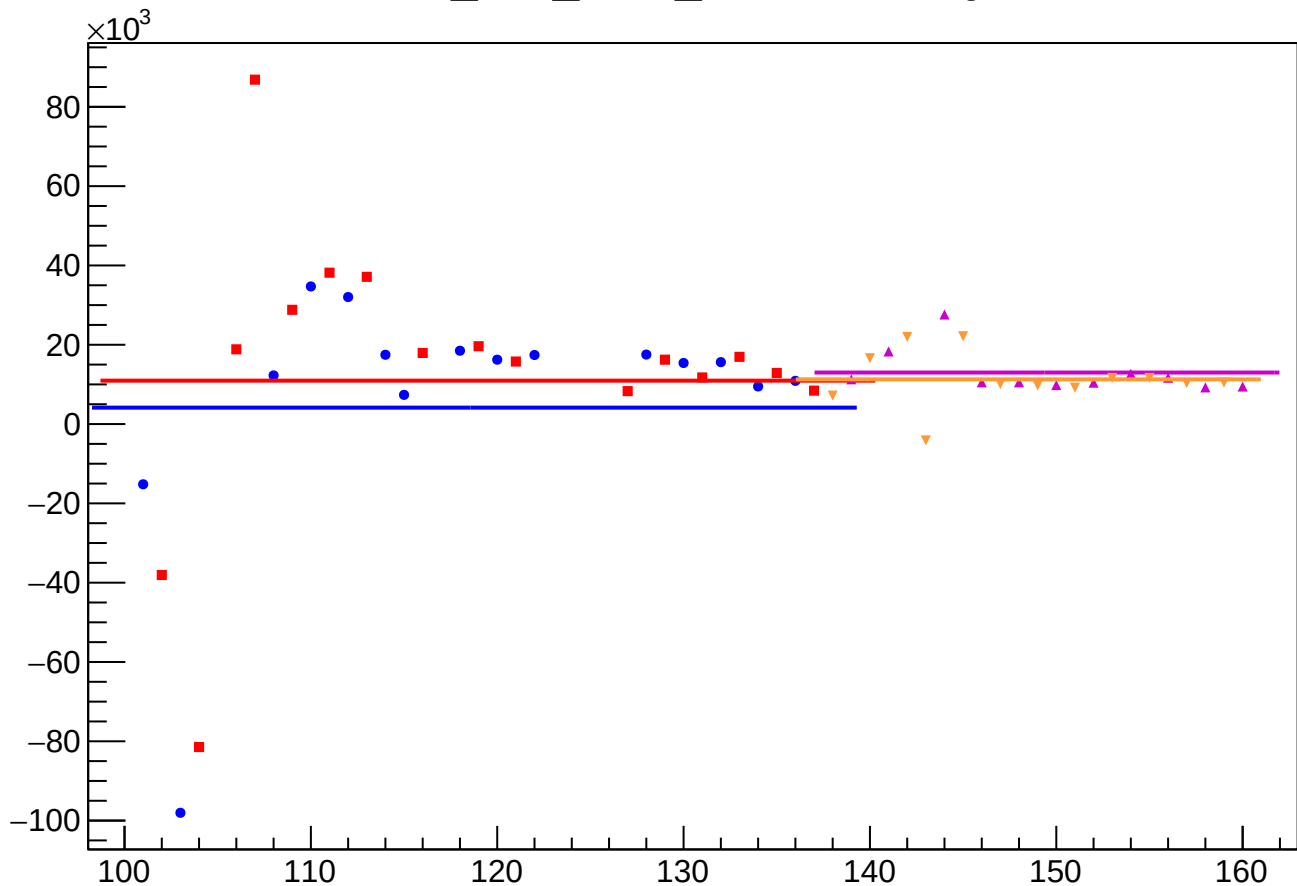
Left In: 588.693+/-0.000 χ^2/NDF : 9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



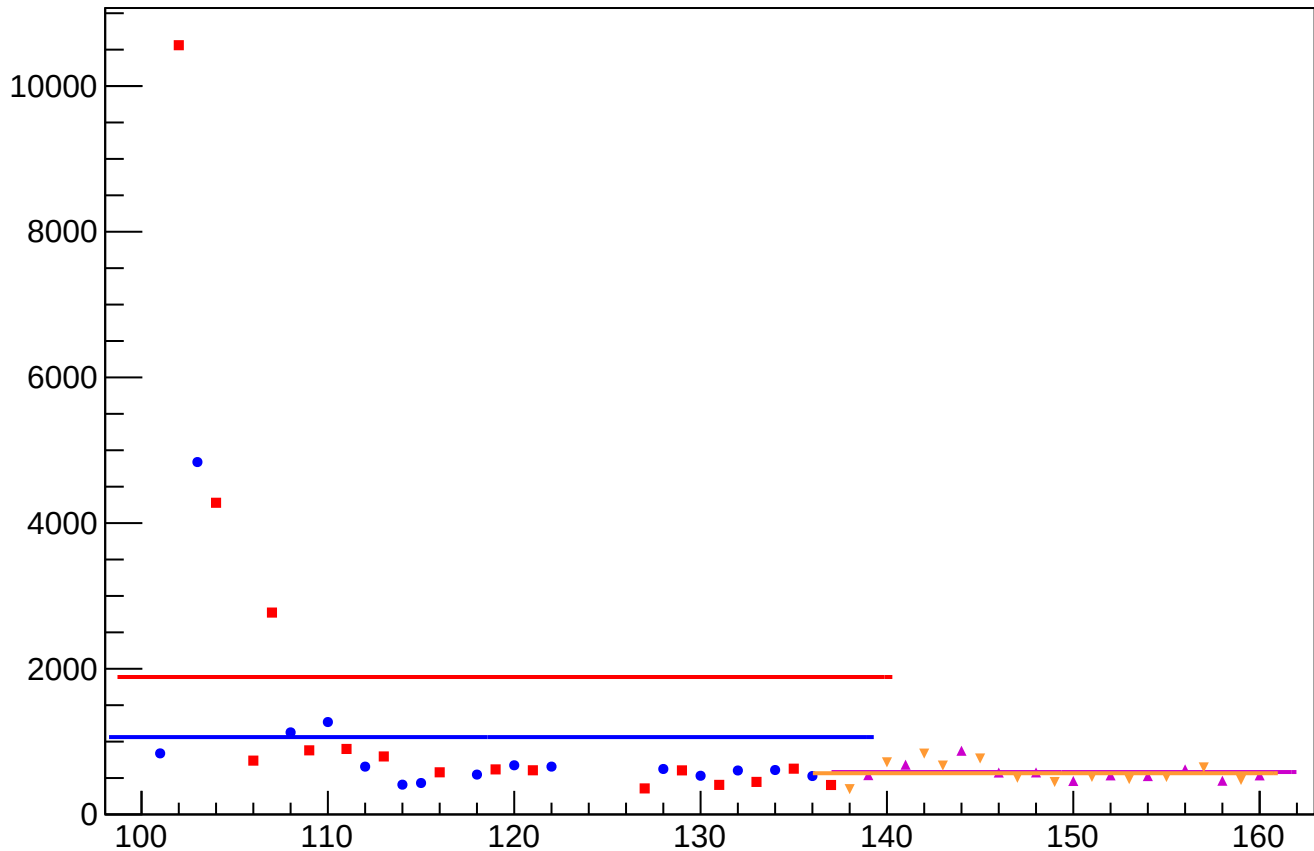
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_atl1_coil7_mean vs Slug



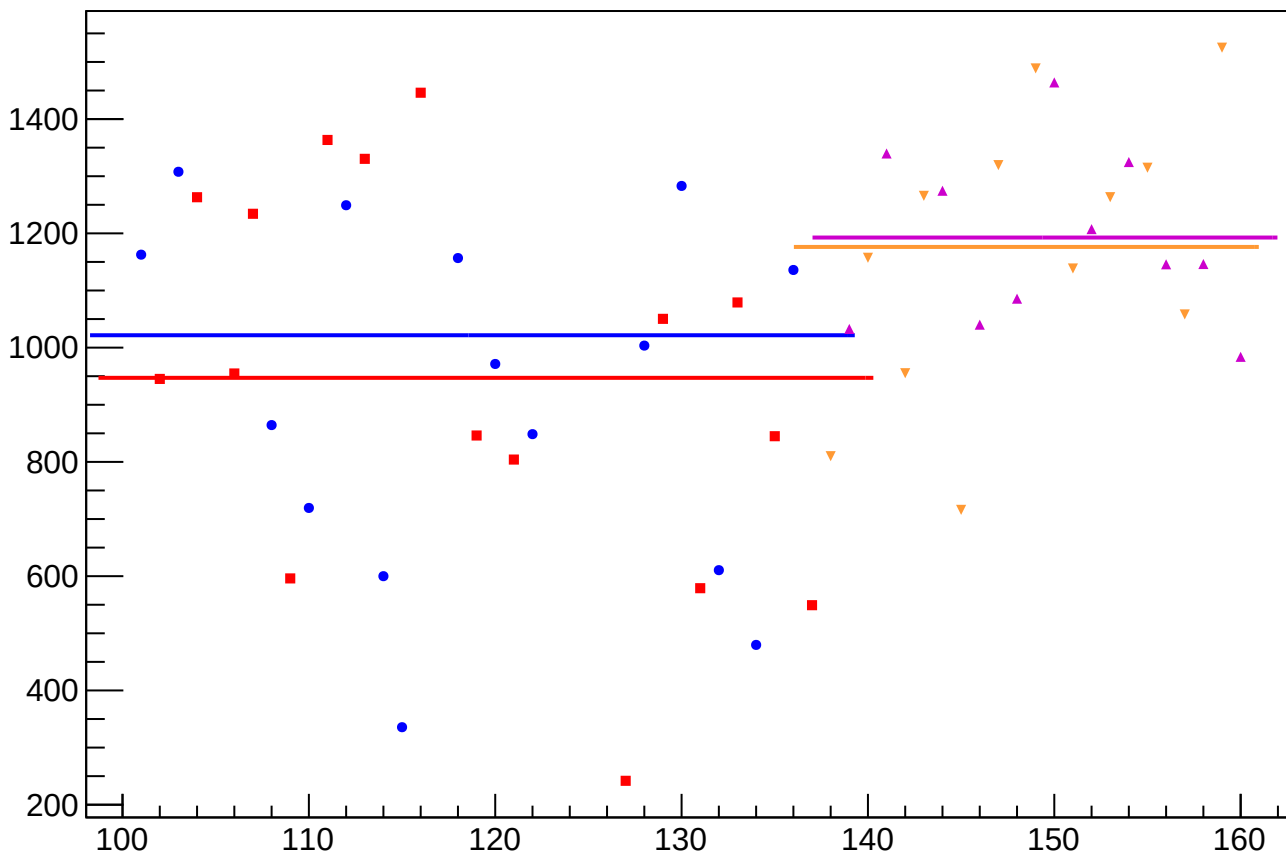
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11270.779 ± 0.000 χ^2/NDF : 35137043527033139065388759182682848493568.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 565.876+/-0.000 χ^2/NDF : 16647379125618292913647848878579384320.0/11
 Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: 582.413+/-0.000 χ^2/NDF : 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

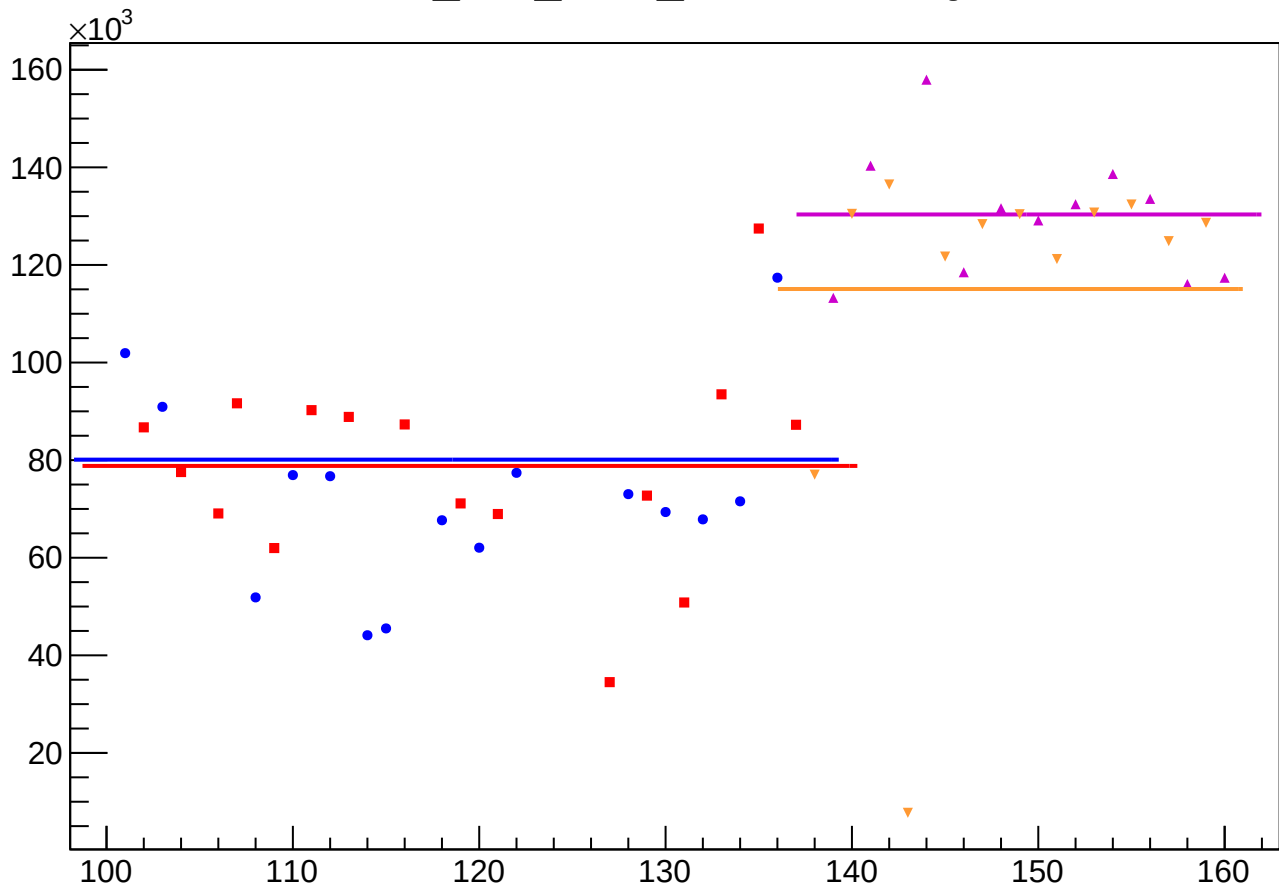
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

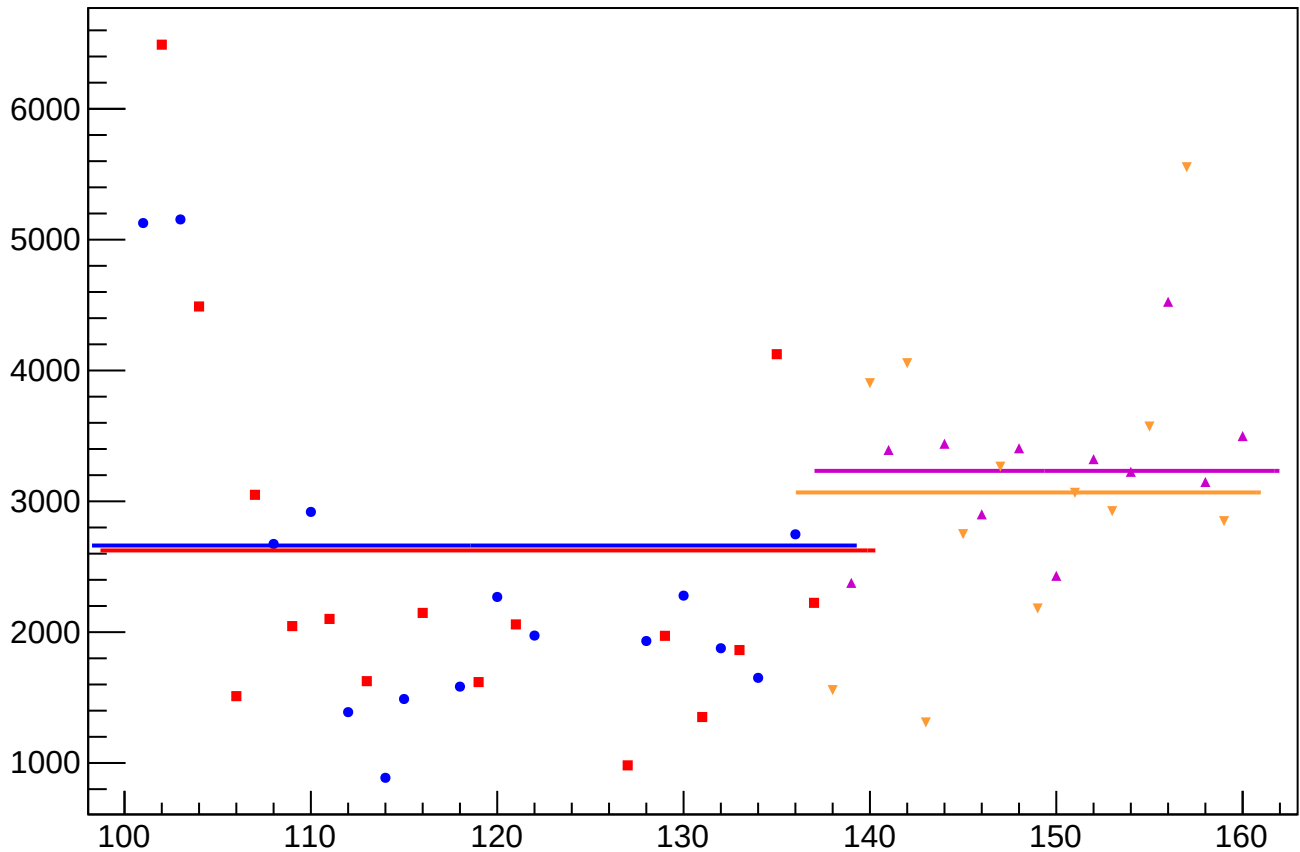
dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000	χ^2/NDF : 254521784097258654723607522631742465769472.0/14
Left Out: 115071.197+/-0.000	χ^2/NDF : 1032500680832033878927899547290304830767104.0/11
Right Out: 78815.832+/-0.000	χ^2/NDF : 286076919217811099434470442231998185472000.0/15
Left In: 130346.244+/-0.000	χ^2/NDF : 148174871015439819820100459279999278514176.0/10

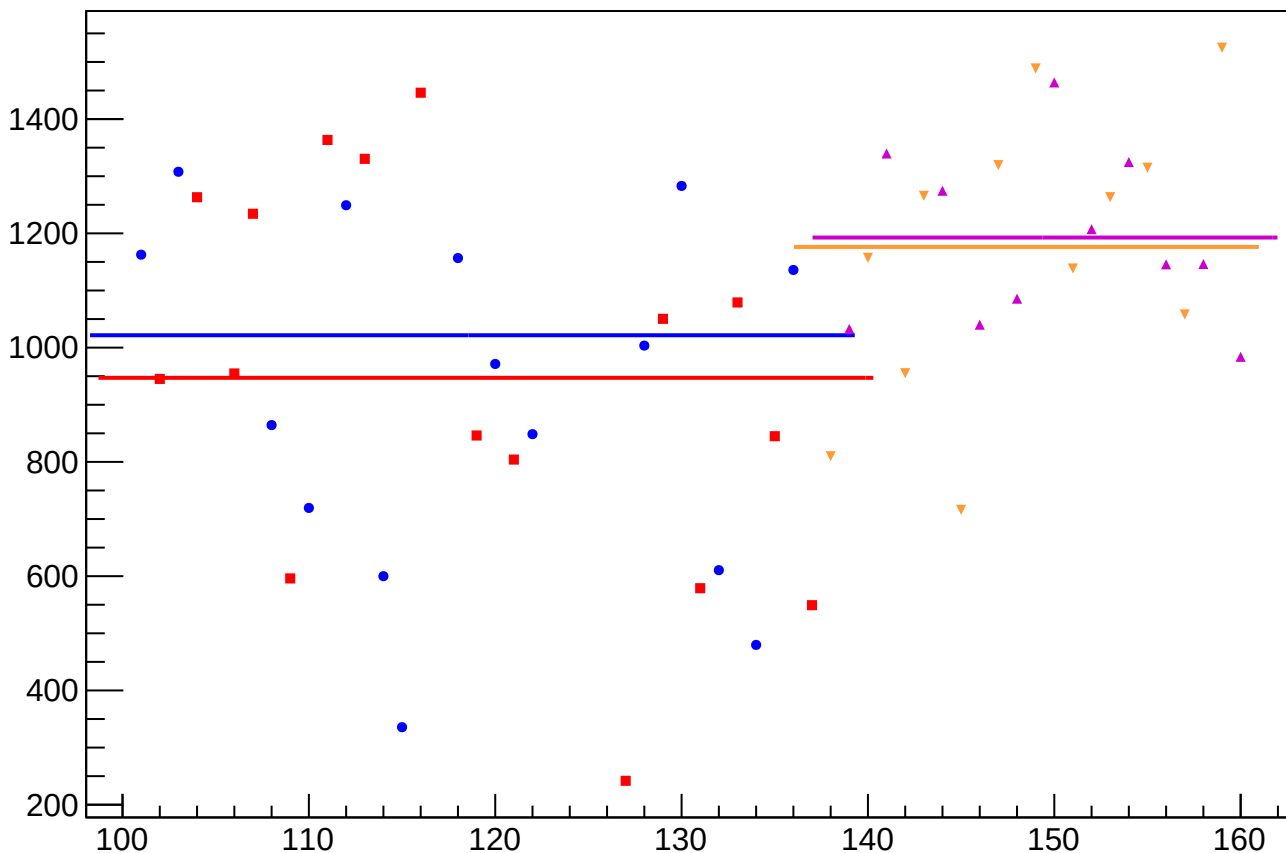
+ sign 100579.063+/-0.000 χ^2/NDF : 175173145968
 All: 104693.349+/-0.000 χ^2/NDF : 32672028
 - sign 108742.985+/-0.000 χ^2/NDF : 146287150012

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 3067.875+/-0.000 χ^2/NDF : 1078495187687389019694818149822179049472.0/11
 Right Out: 2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: 3232.879+/-0.000 χ^2/NDF : 275721007613891276741007240283331493888.0/10
 All: 2939.136+/-0.000 χ^2/NDF : 41629642806
 + sign 2899.744+/-0.000 χ^2/NDF : 21724325951632
 - sign 2977.909+/-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

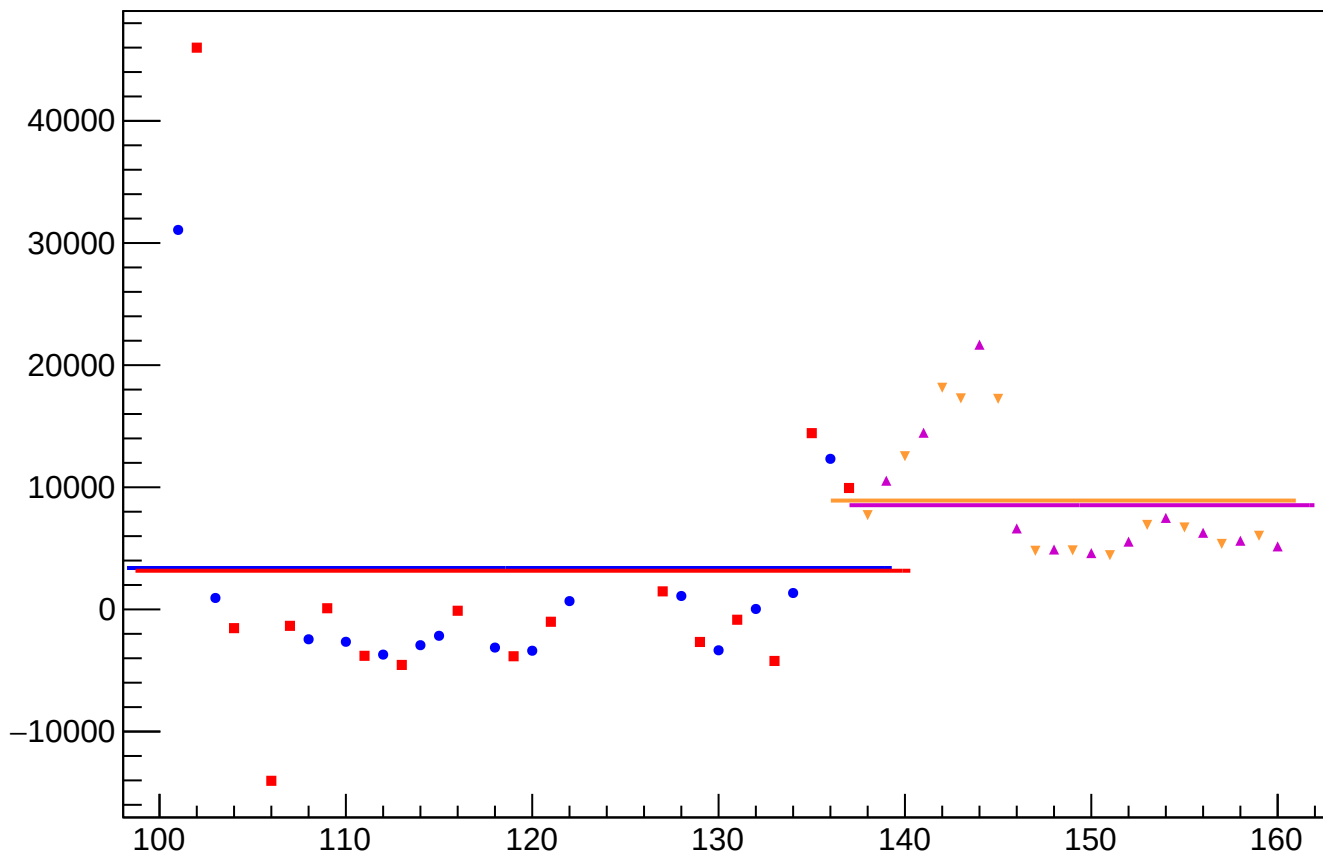
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

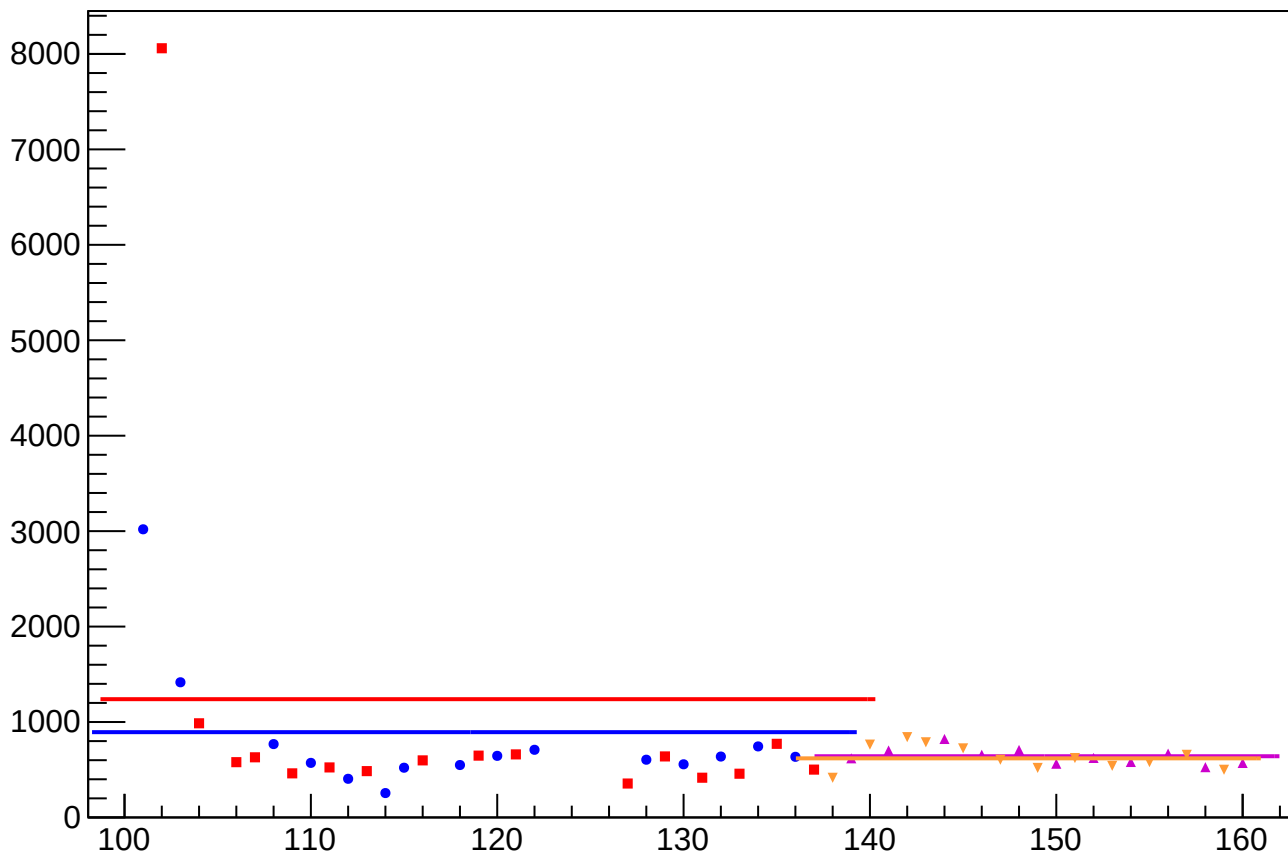
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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

Left Out: 619.363+/-0.000 χ^2/NDF : 12743310597907802273598099300489887744.0/11

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

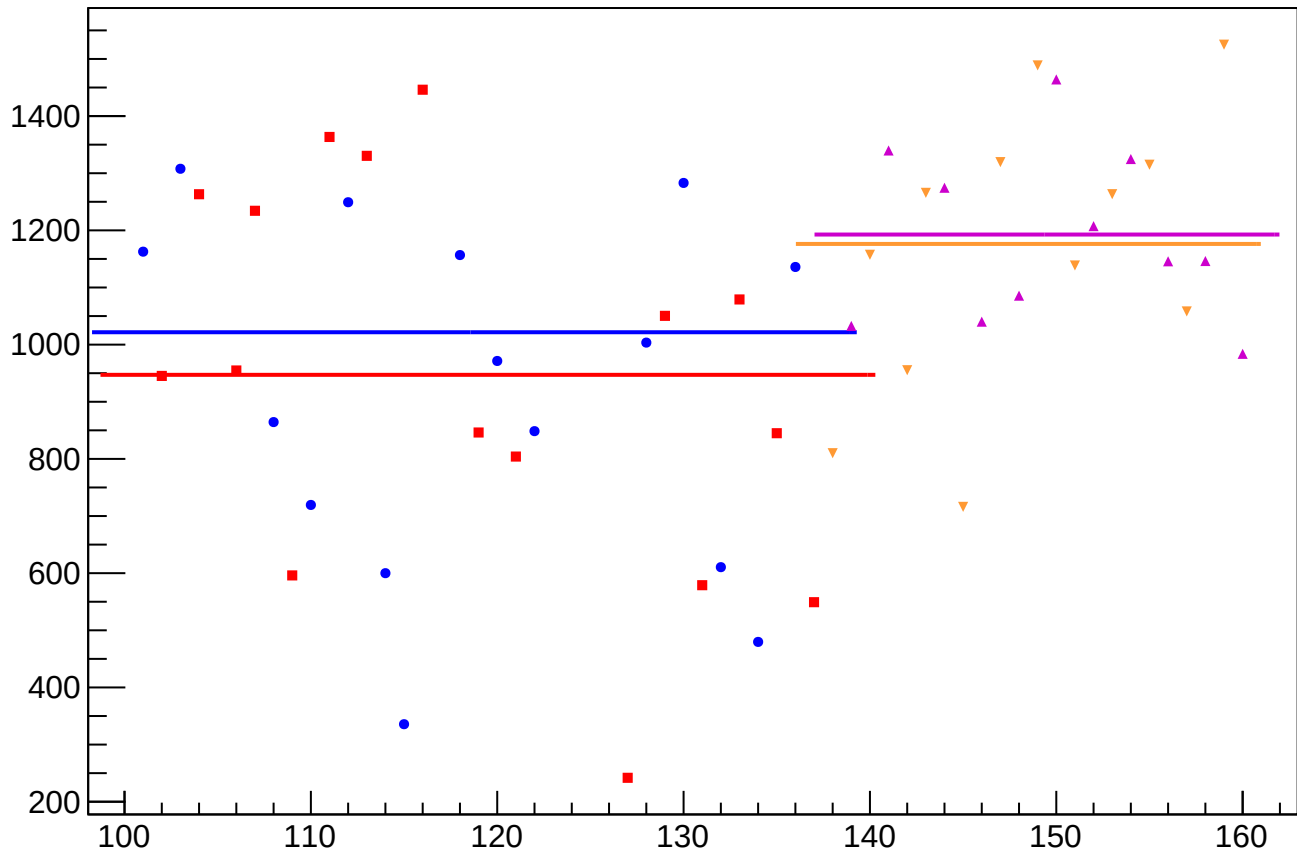
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 733.050+/-0.000 χ^2/NDF : 375925094146267

All: 813.210+/-0.000 χ^2/NDF : 351136718180

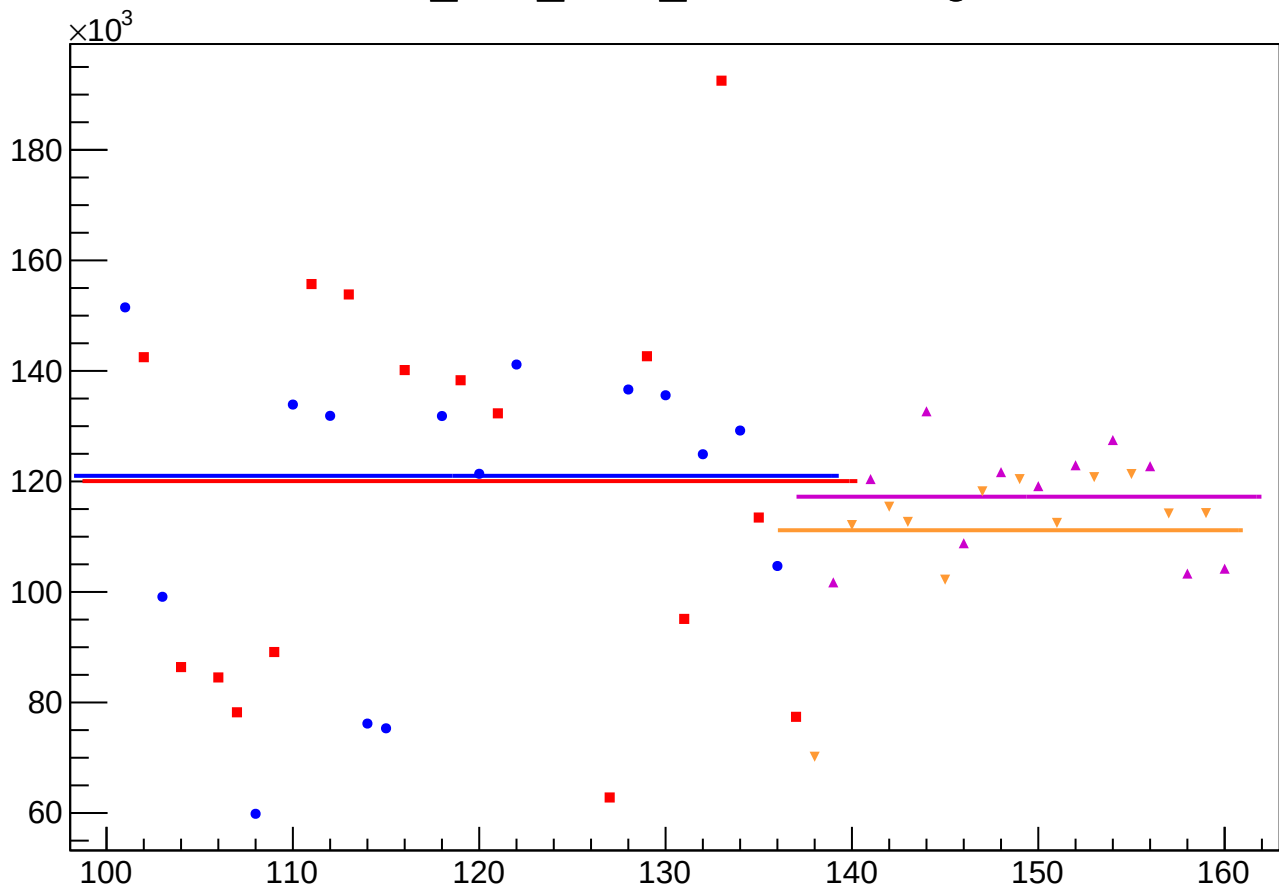
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



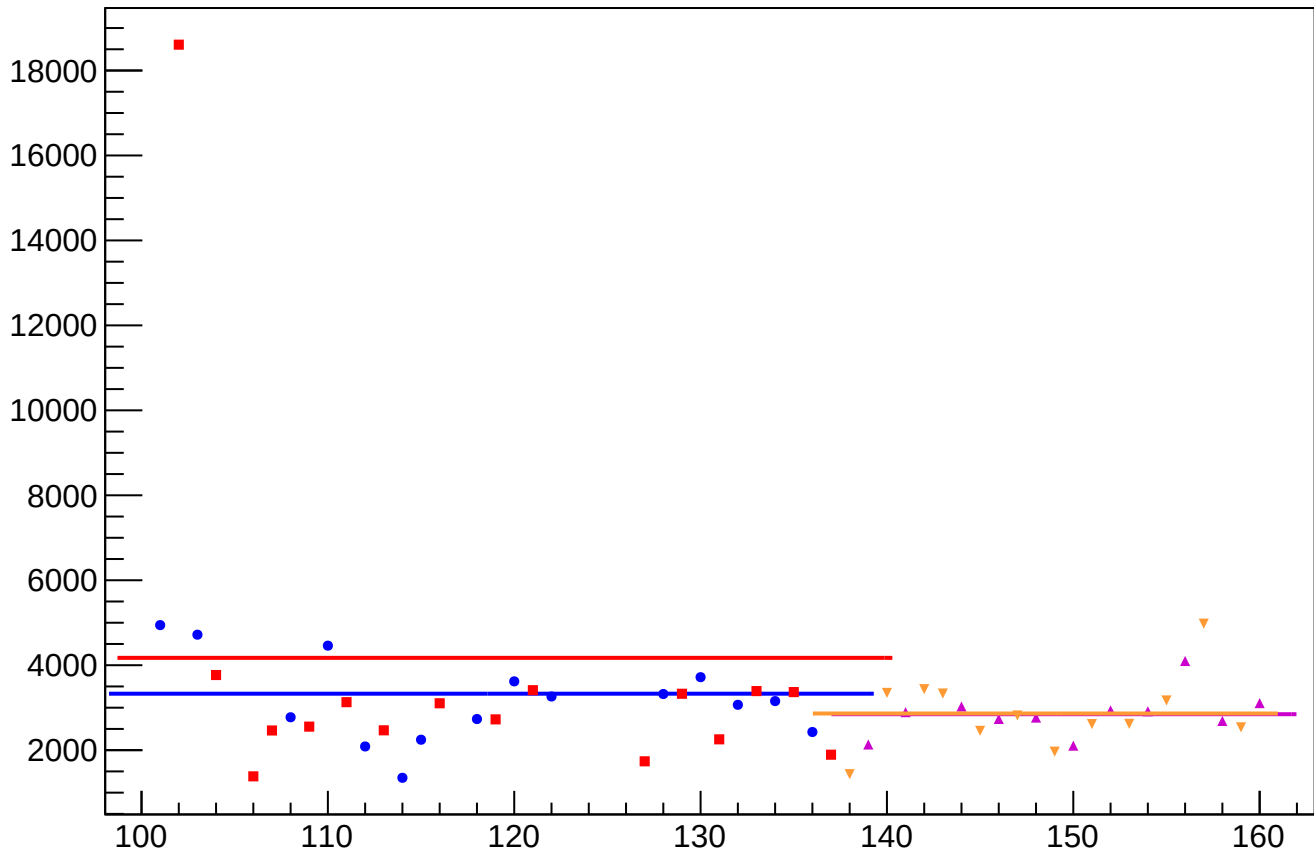
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1112.188+/-0.000	χ^2/NDF : 10292693819422
Left Out: 1176.242+/-0.000	χ^2/NDF : 53355525796592022882385023198883217408.0/11	All: 1100.879+/-0.000	χ^2/NDF : 21371922767
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

dit_atr2_coil7_mean vs Slug



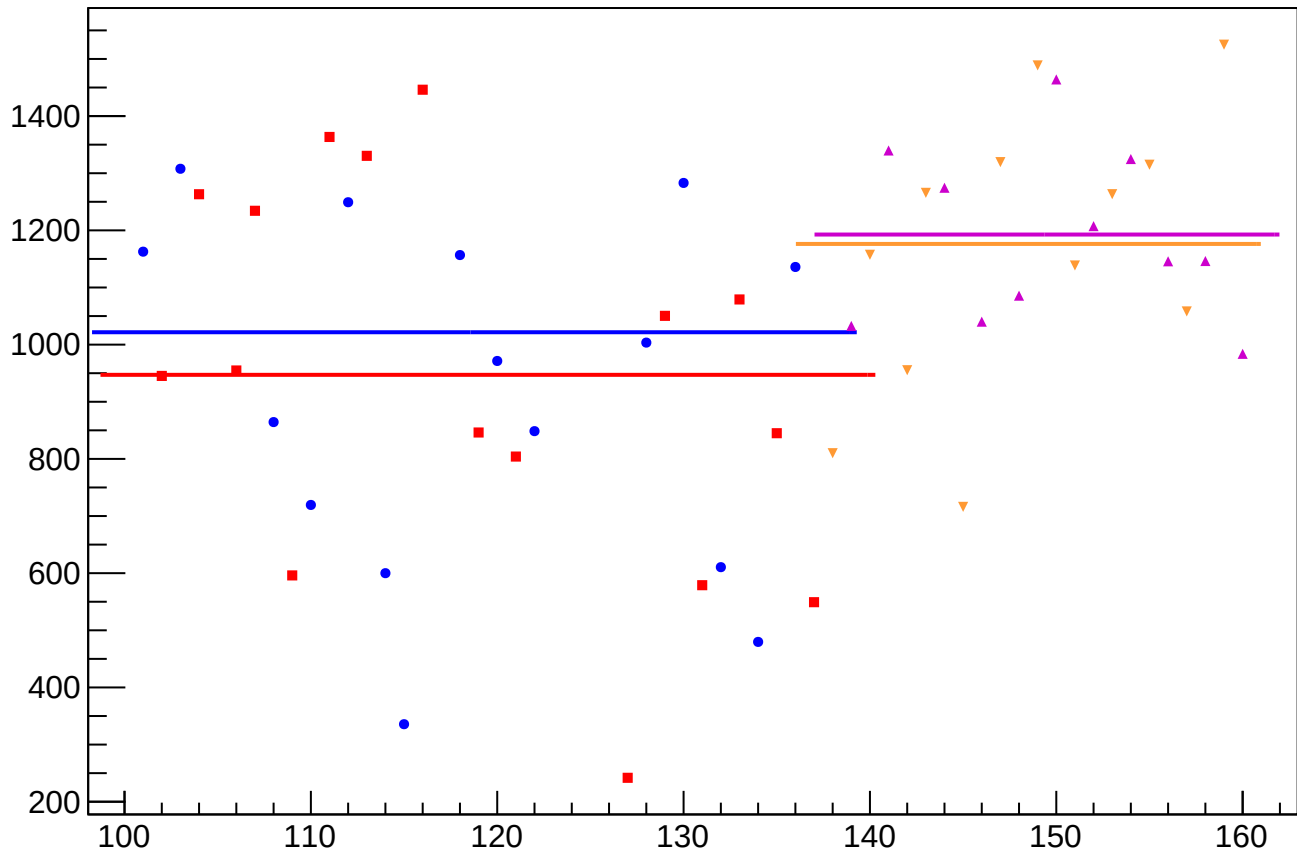
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 111166.801 $\pm$ 0.000 χ^2 /NDF: 167364192439388047212250461007969368670208.0/11
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 117237.465 $\pm$ 0.000 χ^2 /NDF: 92299527706158063096544434206678792011776.0/10

dit_atr2_coil7_err_mean vs Slug



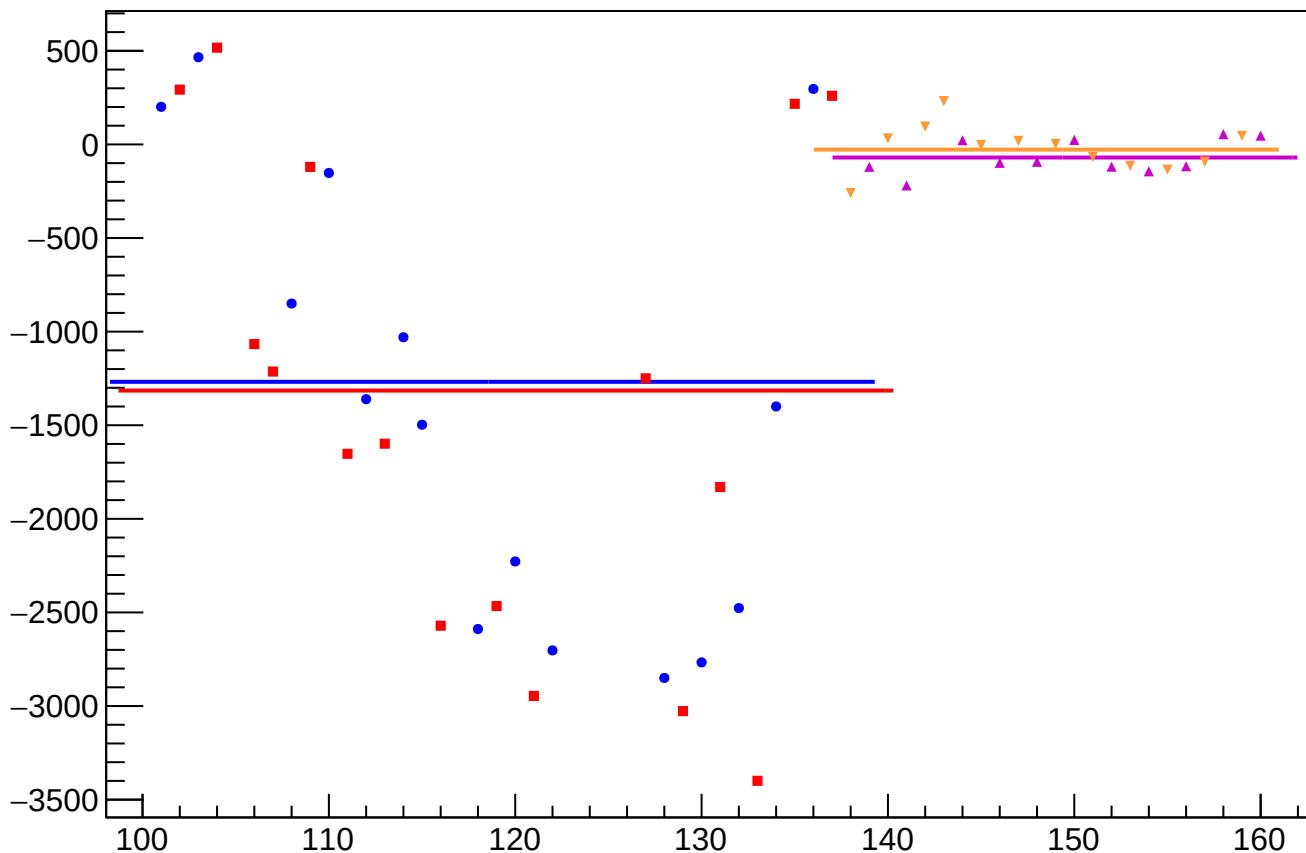
Right In: 3329.488+/-0.000	χ^2/NDF : 567034774398456376227526824513721335808.0/14	+ sign 3056.426+/-0.000	χ^2/NDF : 13184411361442
Left Out: 2863.169+/-0.000	χ^2/NDF : 668766817298044492245074854515224608768.0/11	All: 3230.999+/-0.000	χ^2/NDF : 15822950032
Right Out: 4173.434+/-0.000	χ^2/NDF : 13498246551537992400095003154682468106240.0/15	- sign 3402.829+/-0.000	χ^2/NDF : 14409809055061
Left In: 2846.559+/-0.000	χ^2/NDF : 229557109736682123603885764134616170496.0/10		

dit_atr2_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

dit_sam1_coil7_mean vs Slug



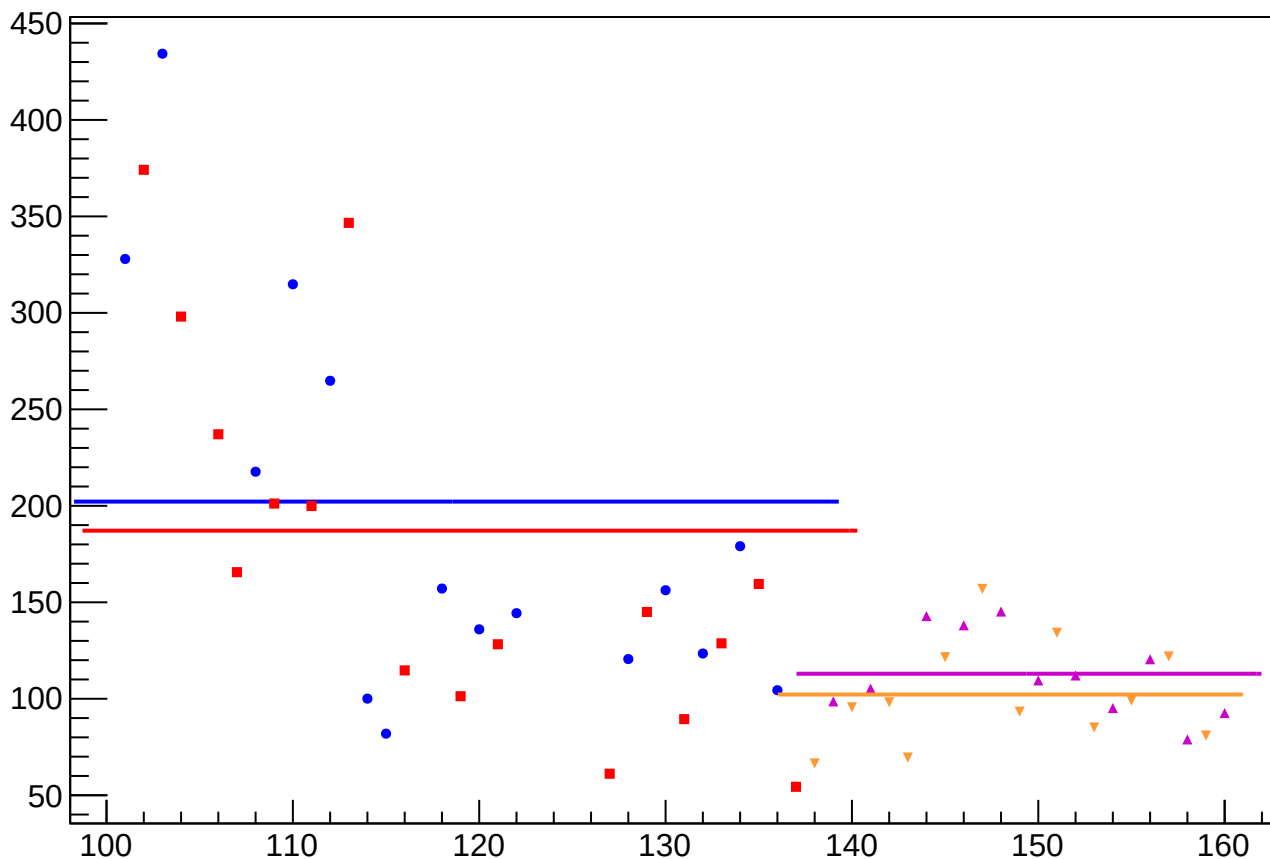
Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: -27.654+/-0.000 χ^2/NDF : 12404131617036288818573632516917297152.0/11

Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

Left In: -69.887+/-0.000 χ^2/NDF : 6896729055106095492675290775544659968.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 102.211+/-0.000 χ^2/NDF : 617349982651654313498458631453016064.0/11

Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

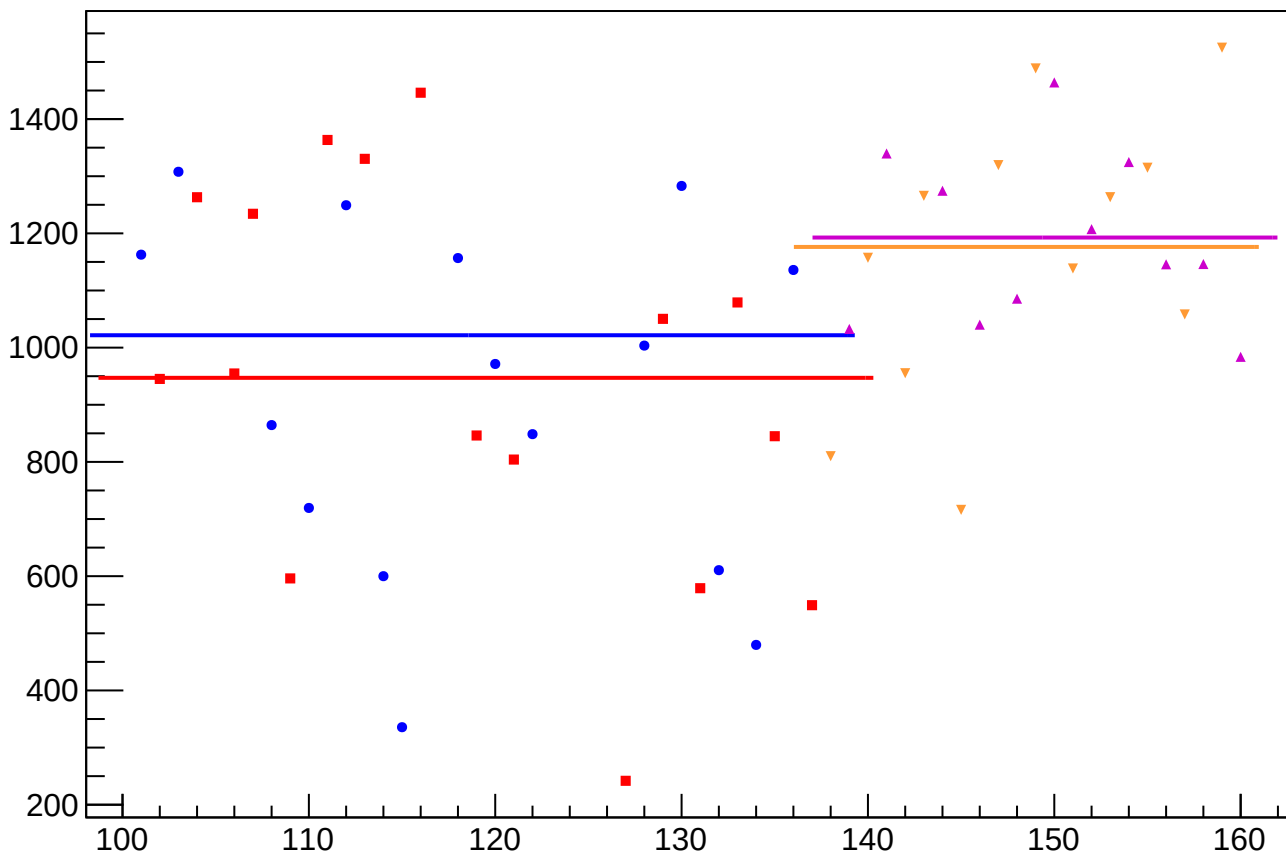
Left In: 112.981+/-0.000 χ^2/NDF : 399082569166702797505998561799569408.0/10

+ sign 143.646+/-0.000 χ^2/NDF : 114440760944396

All: 143.857+/-0.000 χ^2/NDF : 202028588615

- sign 144.065+/-0.000 χ^2/NDF : 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

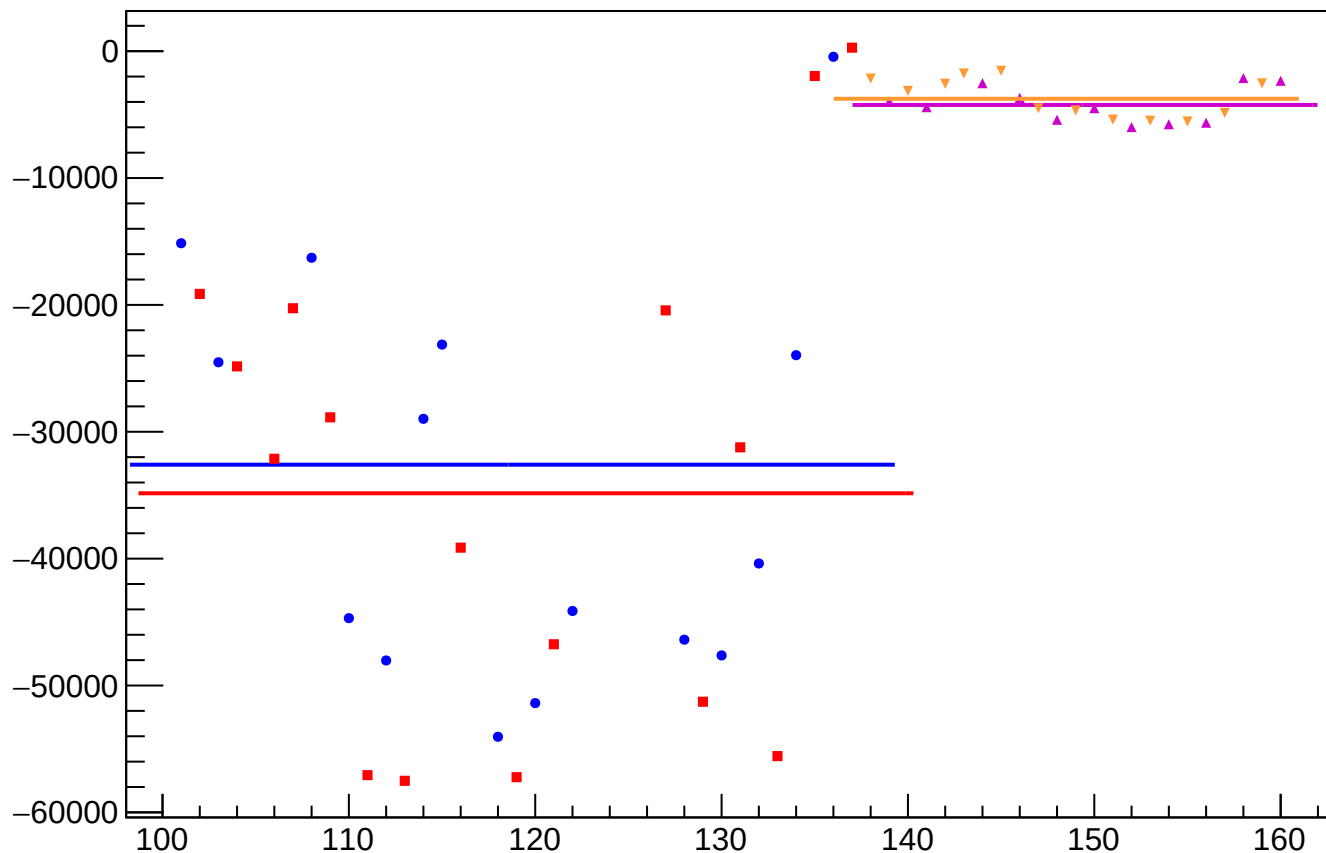
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1112.188 $\pm$ 0.000 χ^2 /NDF: 10292693819422

All: 1100.879 $\pm$ 0.000 χ^2 /NDF: 21371922767

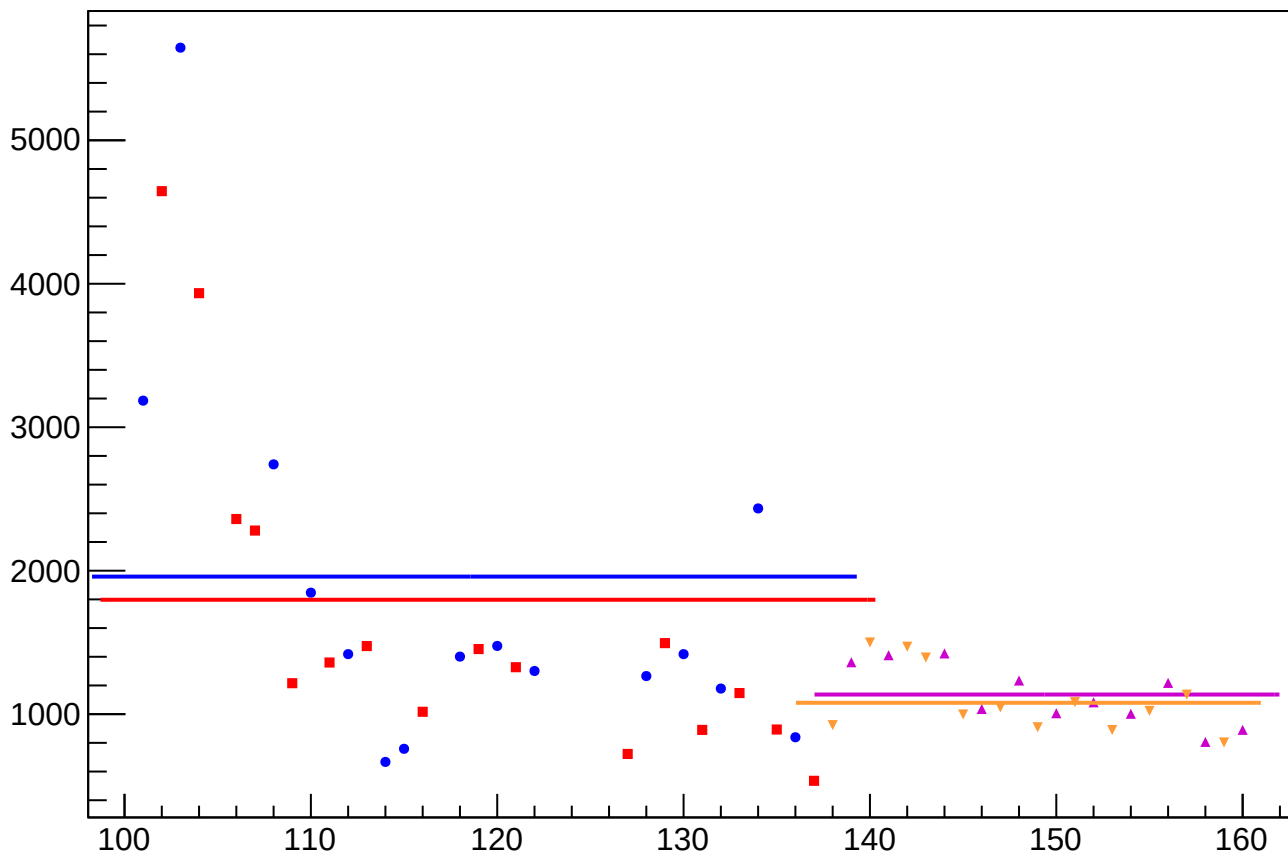
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam2_coil7_mean vs Slug



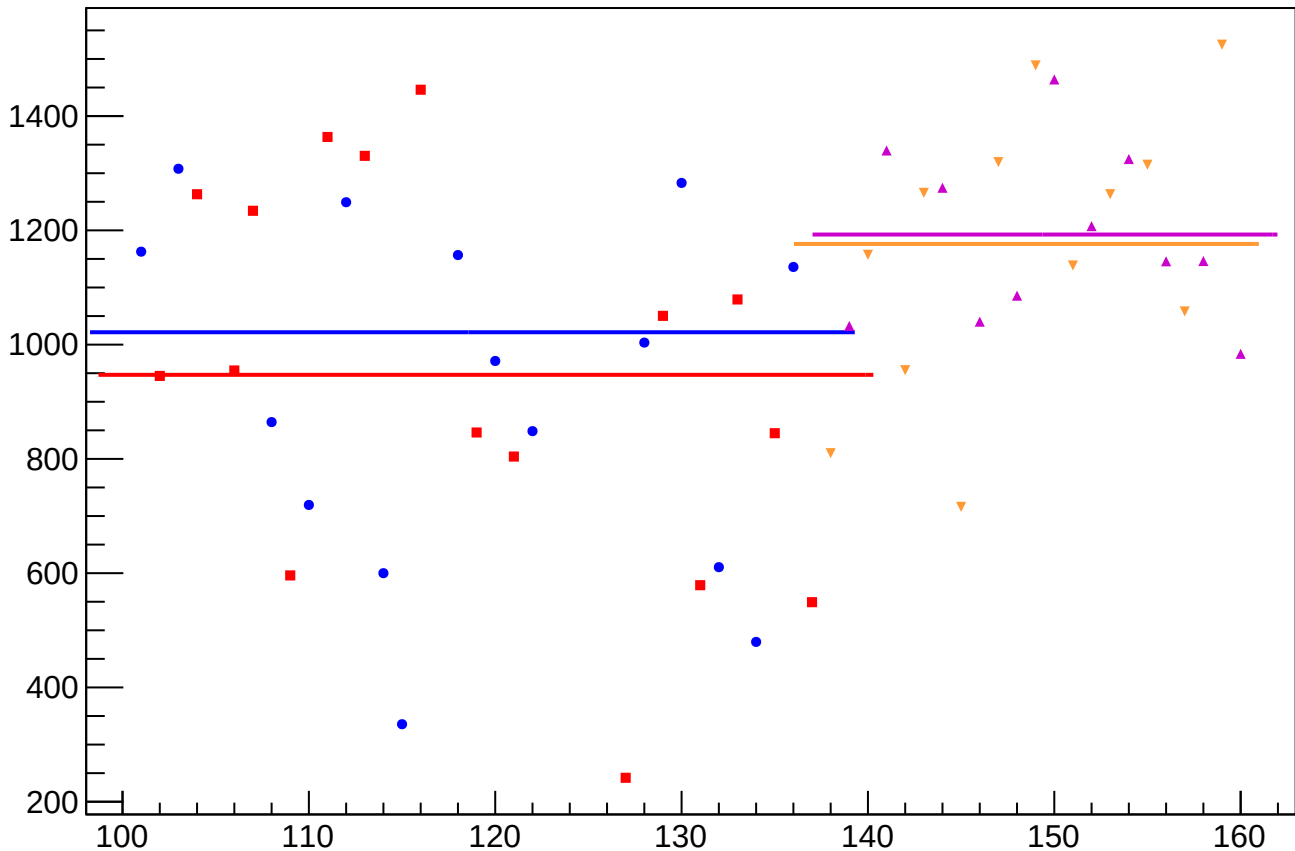
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3752.448 ± 0.000 χ^2/NDF : 2004018922397864512506251751982968602624.0/11
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758 ± 0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



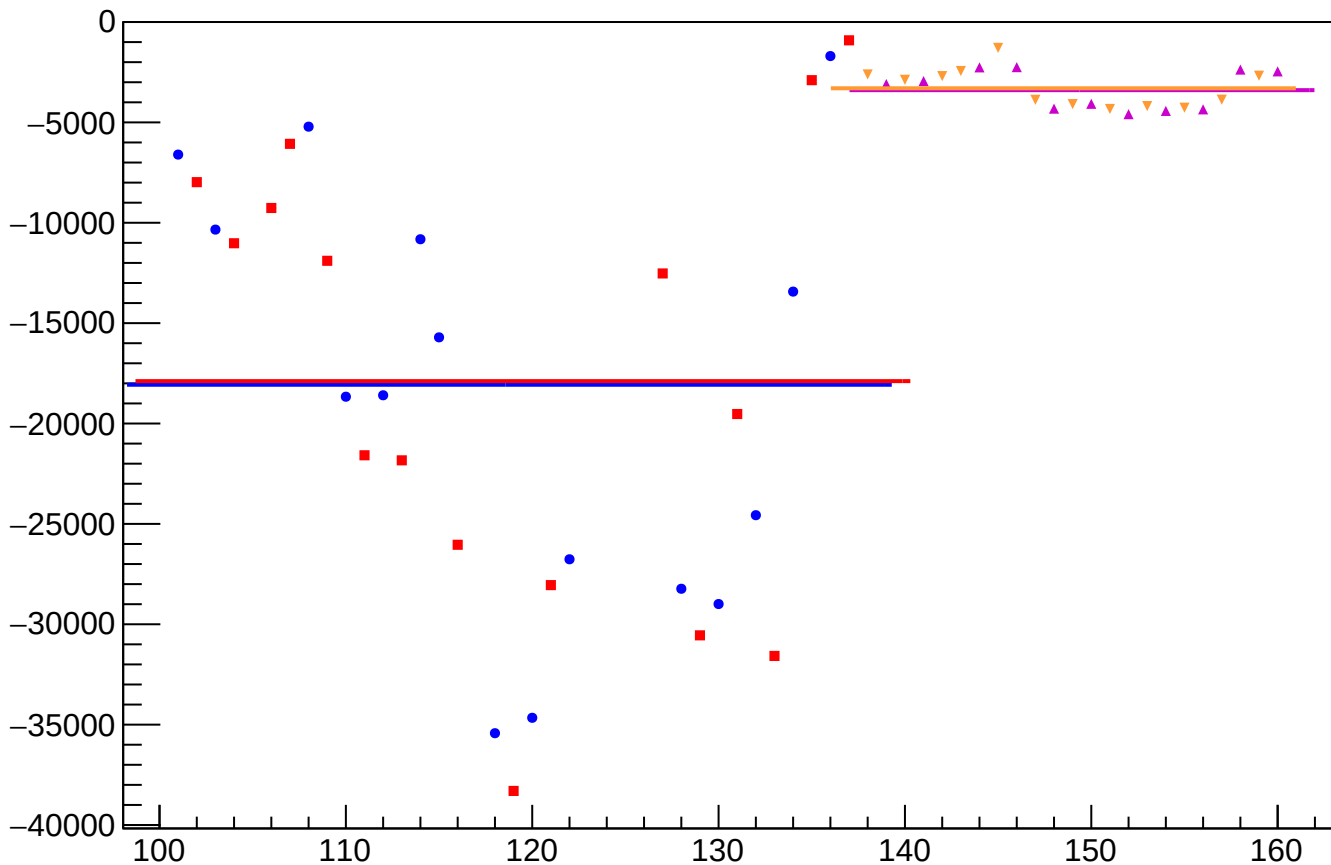
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1079.227+/-0.000 χ^2/NDF : 42839458661255724609894406058462412800.0/11
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10

dit_sam2_coil7_Ndata_mean vs Slug



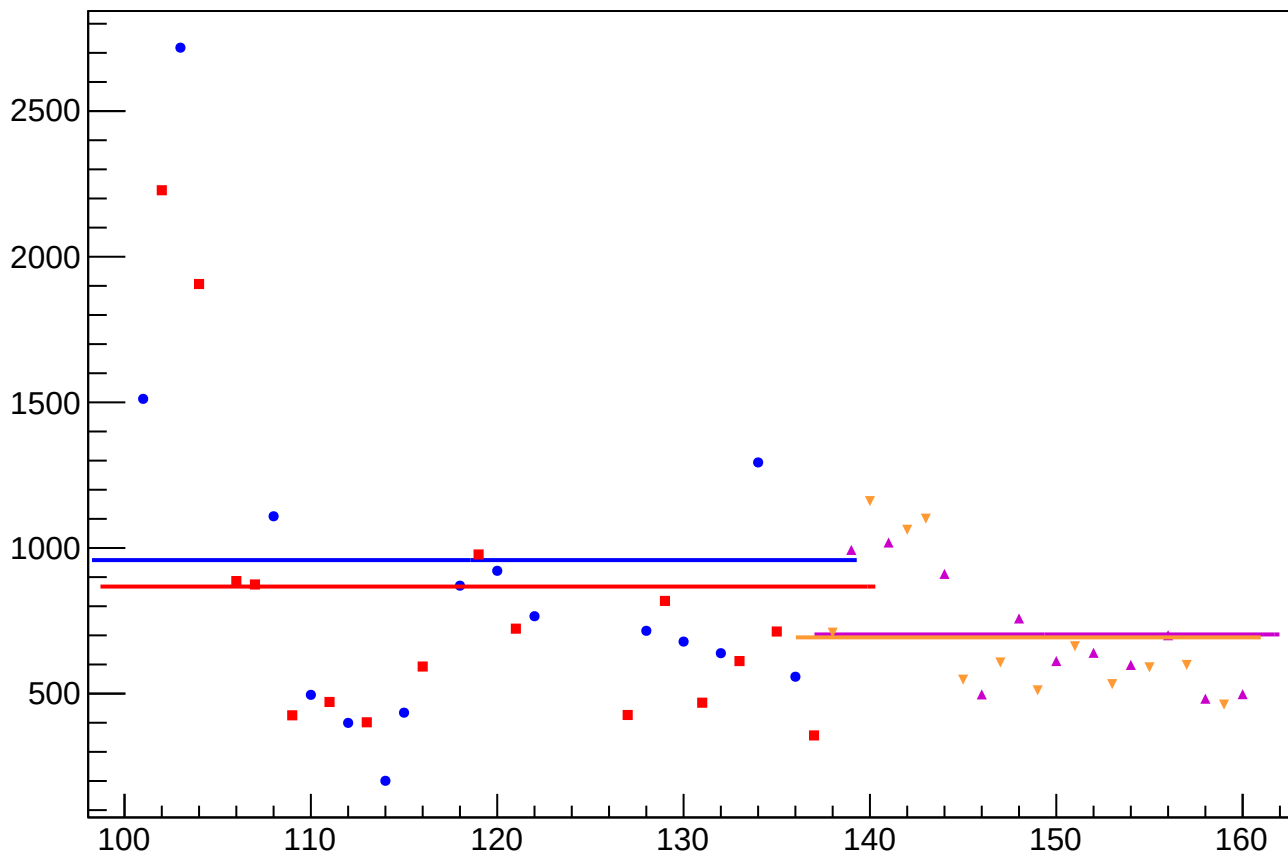
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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

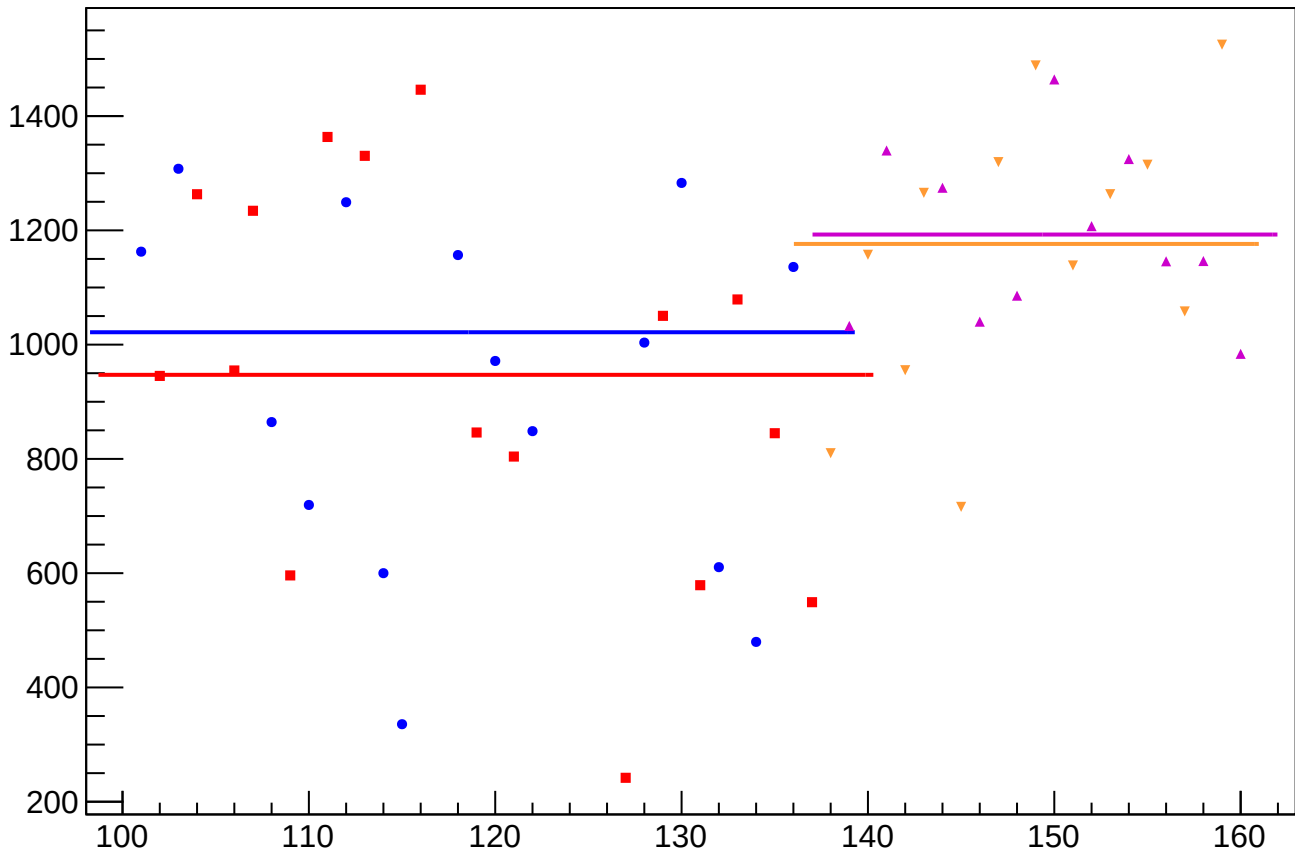
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ sign 803.042+/-0.000 χ^2/NDF : 340002051465398

All: 787.437+/-0.000 χ^2/NDF : 599394746254

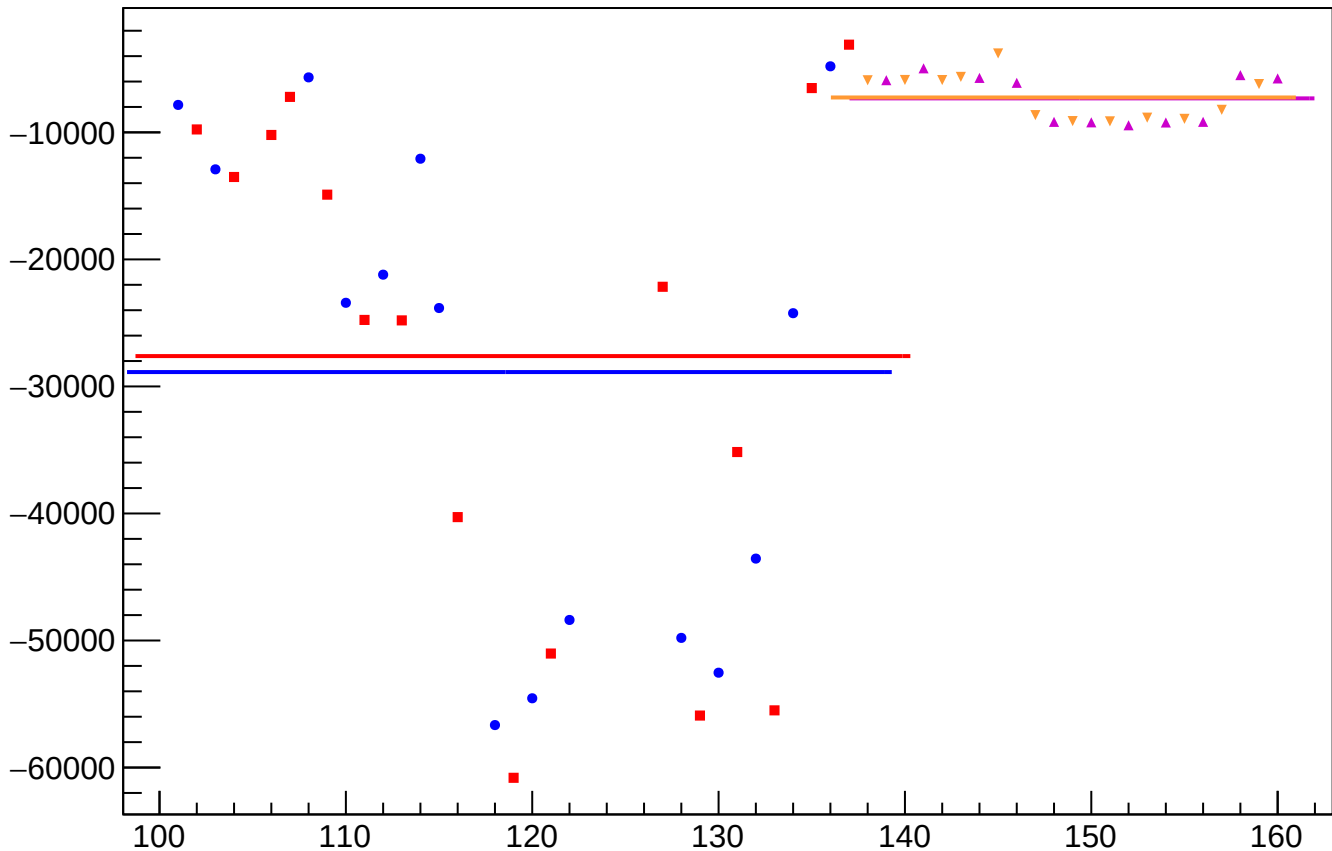
- sign 772.078+/-0.000 χ^2/NDF : 258636009193620

dit_sam3_coil7_Ndata_mean vs Slug



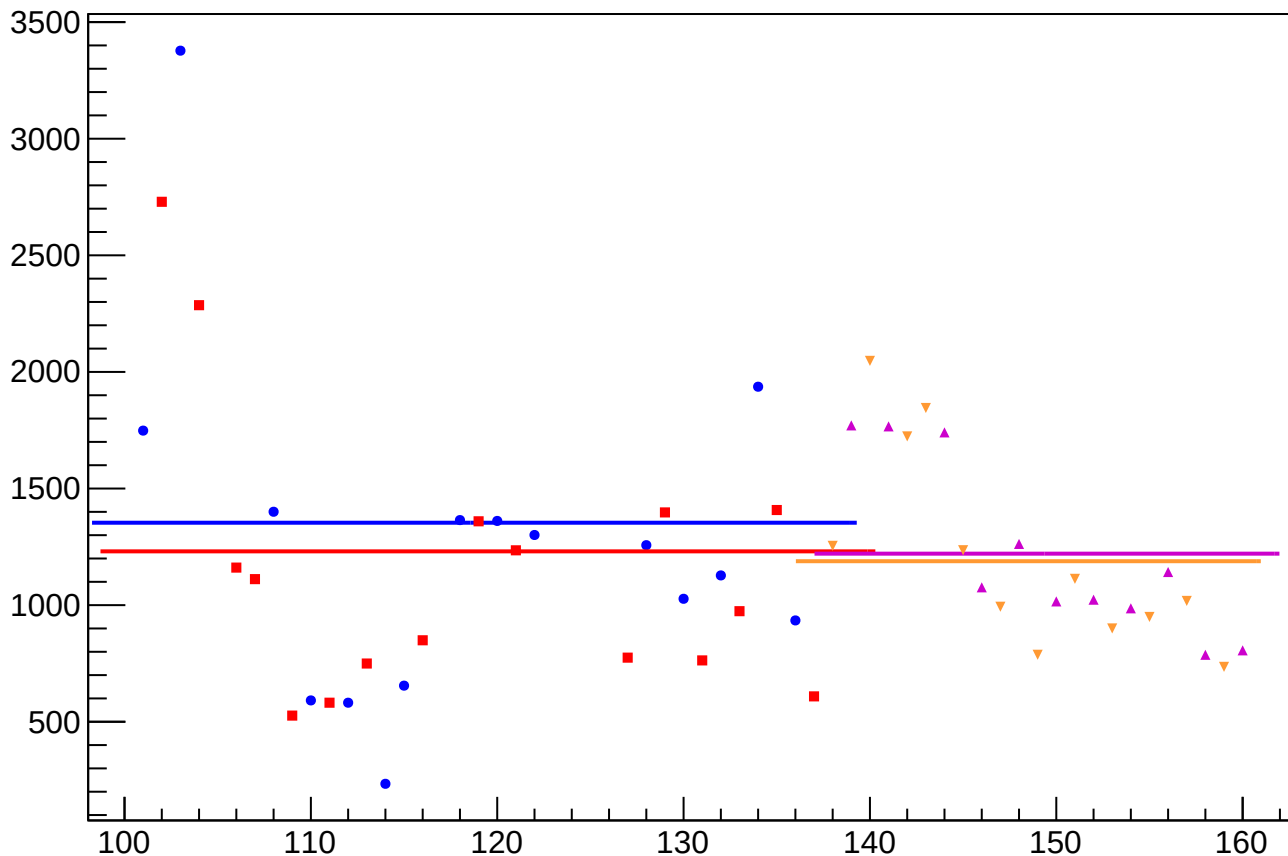
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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

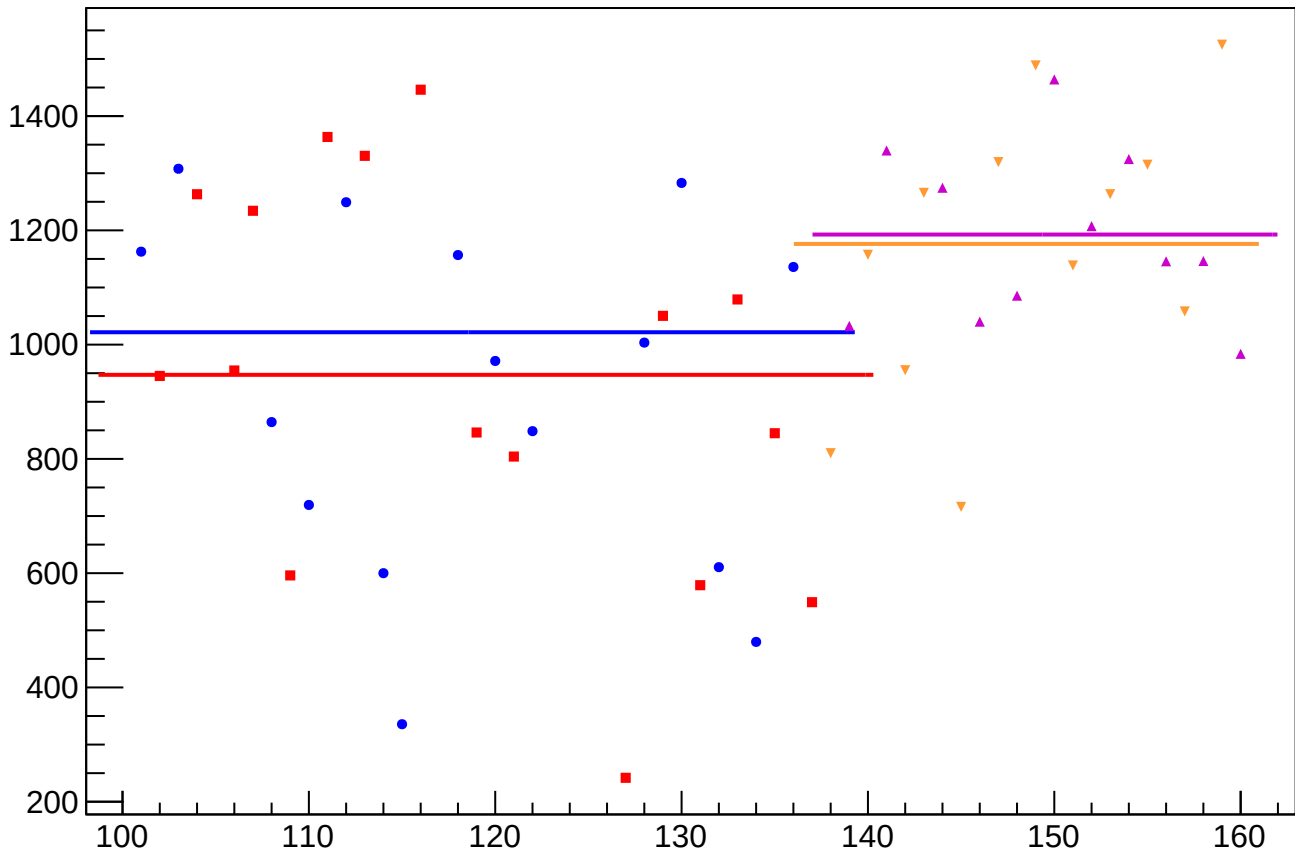
Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

+ sign 1256.772+/-0.000 χ^2/NDF : 51362789926626

All: 1240.709+/-0.000 χ^2/NDF : 90775370233

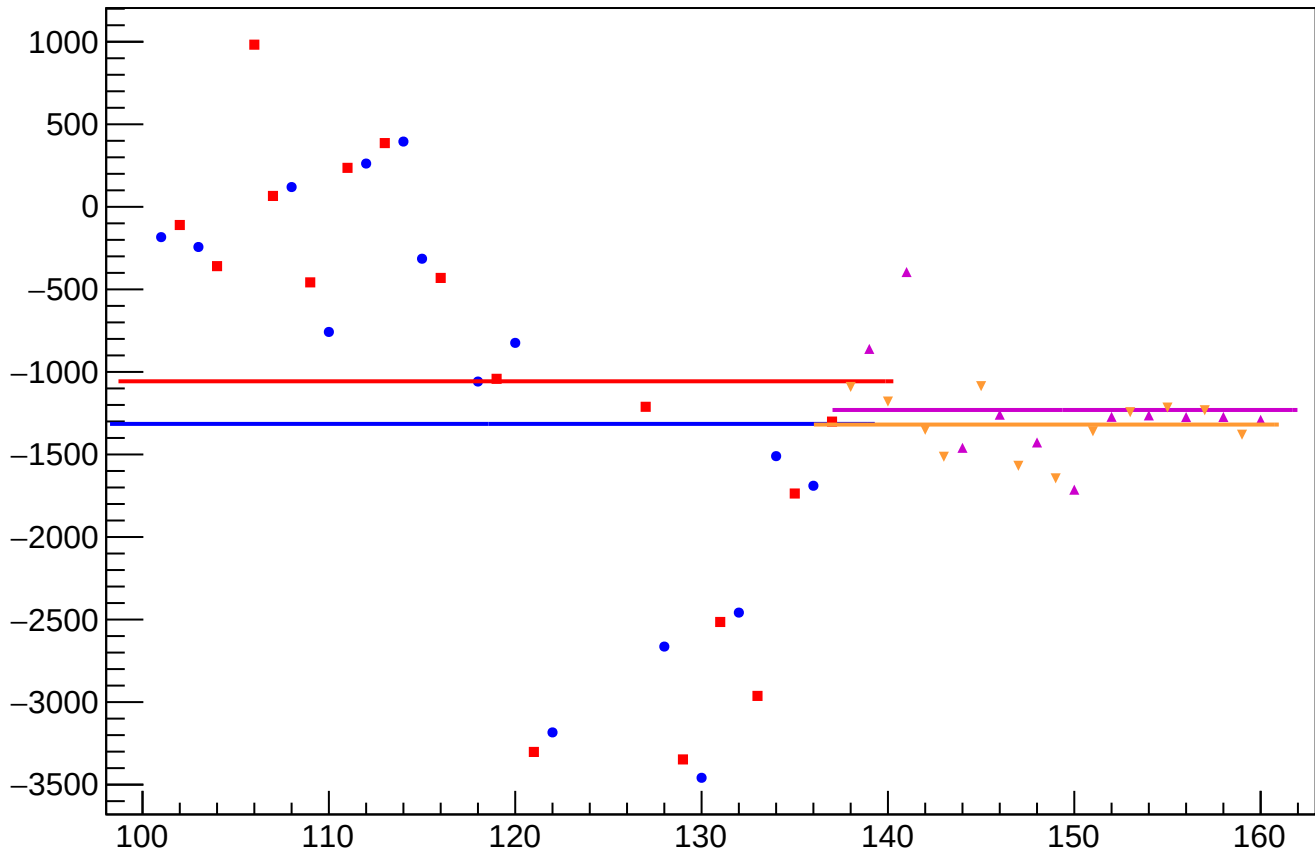
- sign 1224.899+/-0.000 χ^2/NDF : 39332410450392

dit_sam4_coil7_Ndata_mean vs Slug



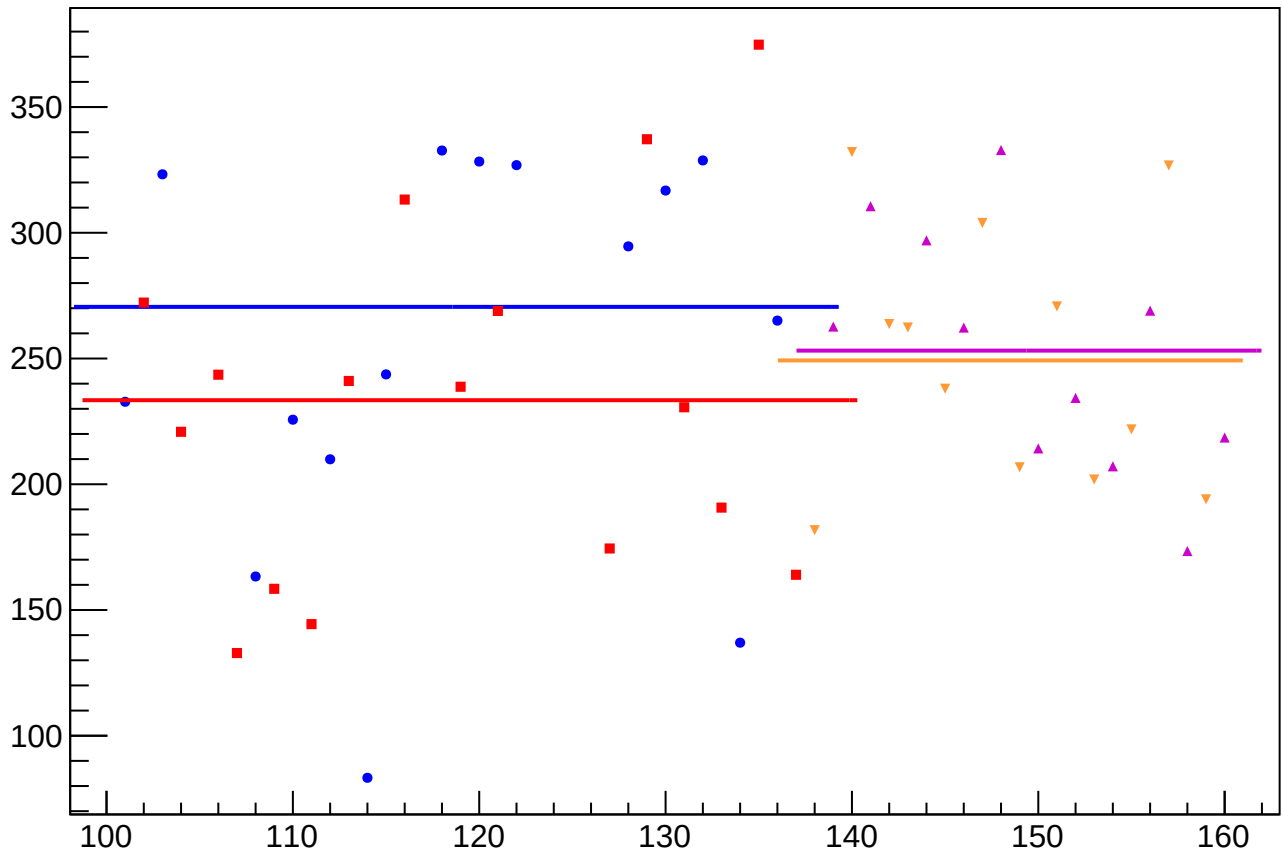
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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 $\chi^2/\text{NDF}: 100431691068850056086409132460520505344.0/10$

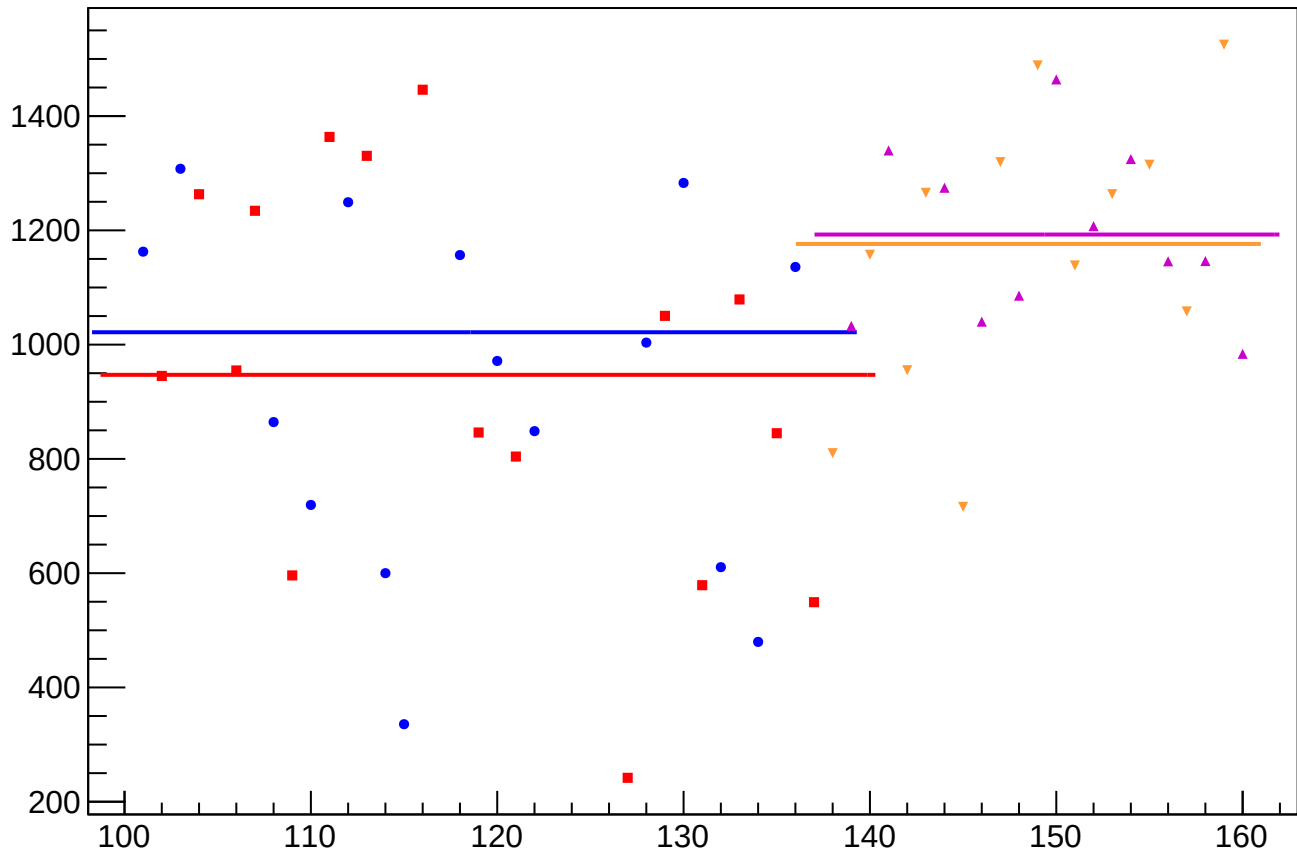
dit_sam5_coil7_err_mean vs Slug



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

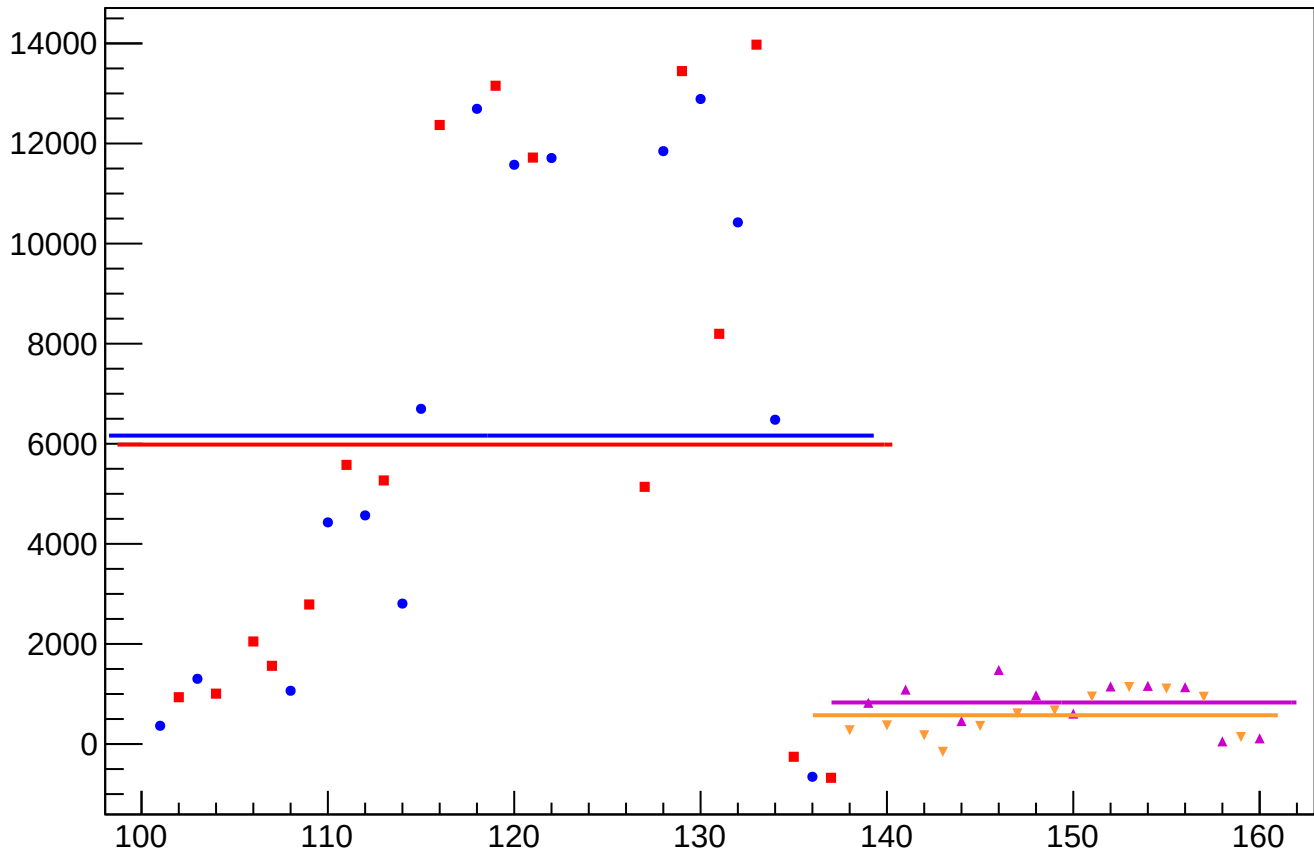
+ sign 258.065+/-0.000 χ^2/NDF : 498617836977836
 All: 251.418+/-0.000 χ^2/NDF : 103028886736
 - sign 244.876+/-0.000 χ^2/NDF : 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug



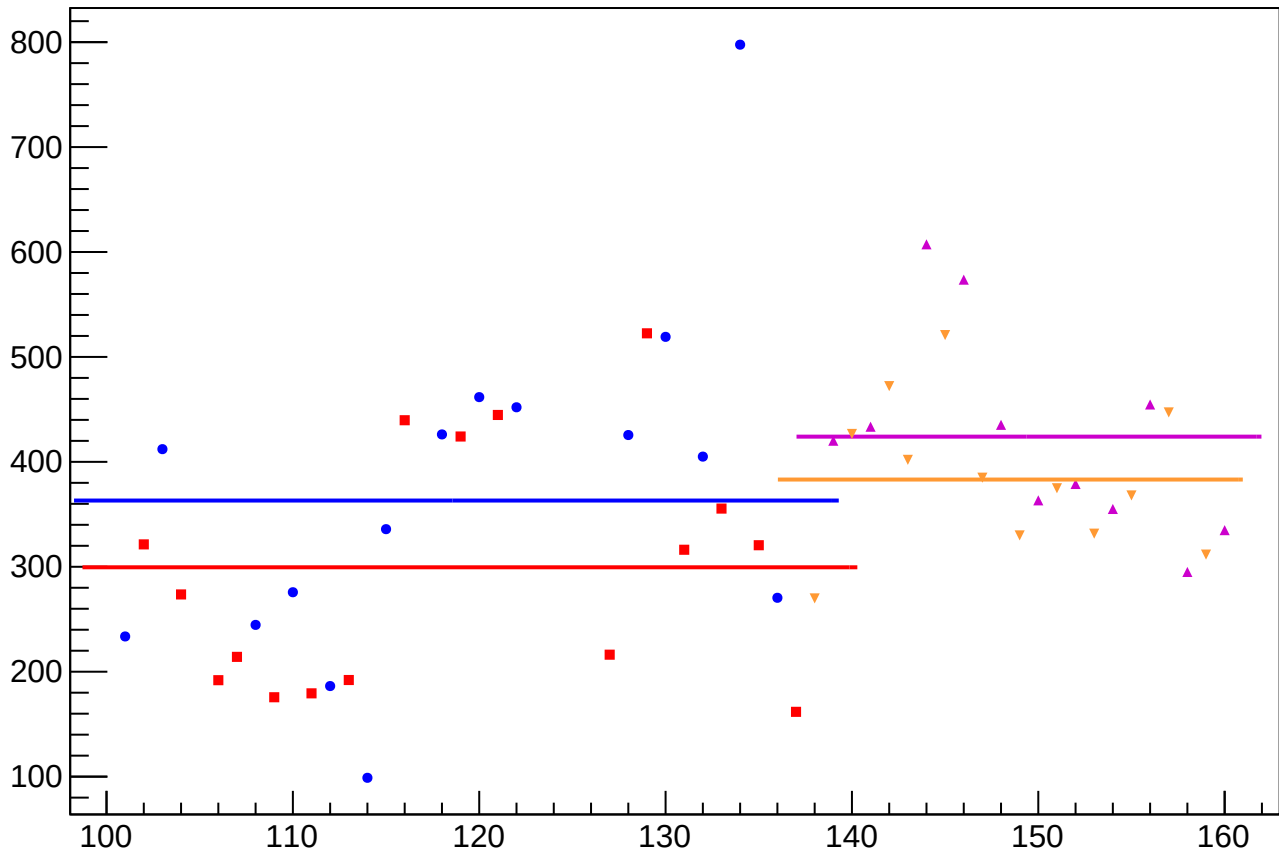
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1112.188+/-0.000	χ^2/NDF : 10292693819422
Left Out: 1176.242+/-0.000	χ^2/NDF : 53355525796592022882385023198883217408.0/11	All: 1100.879+/-0.000	χ^2/NDF : 21371922767
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

dit_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

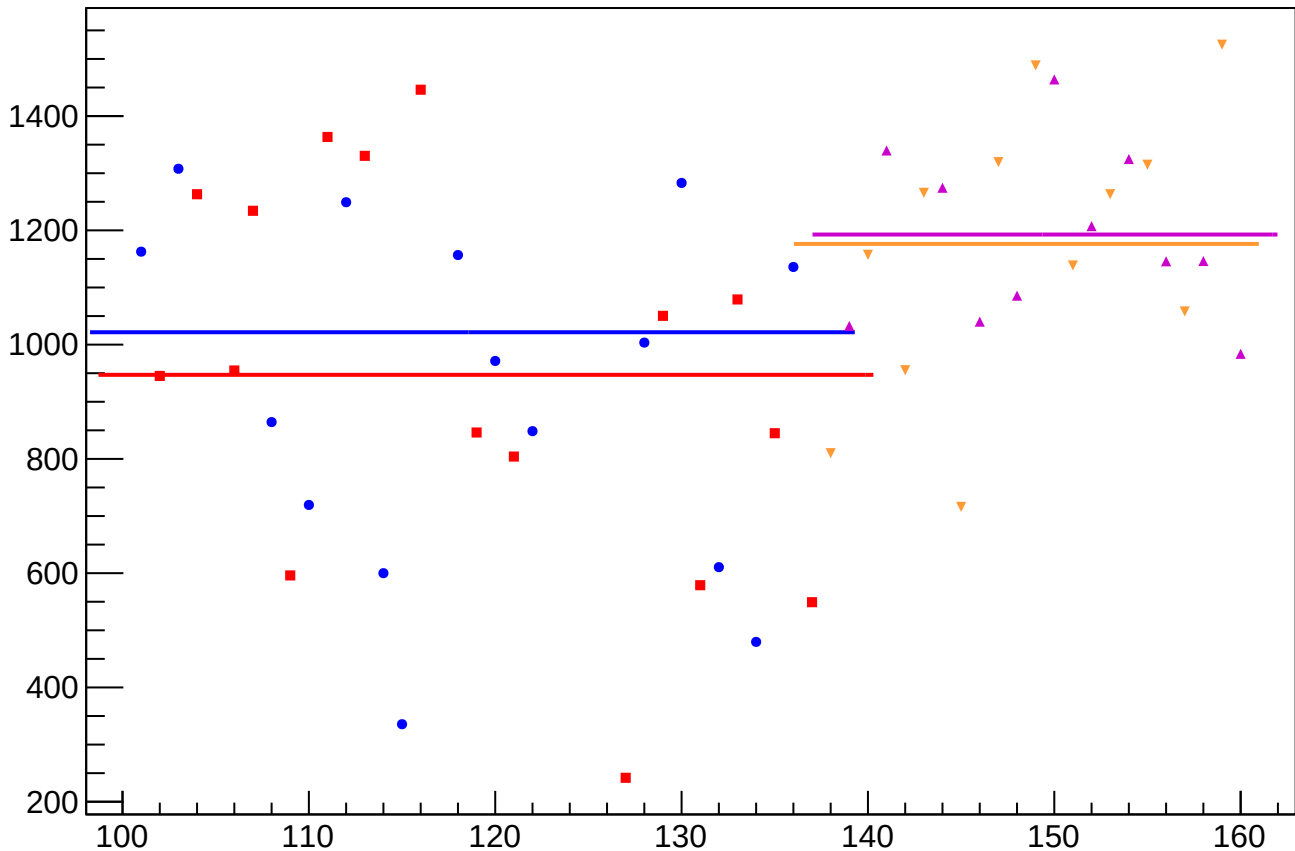
Left In: 424.034+/-0.000 χ^2/NDF : 7812894231718086106241094868881375232.0/10

+ sign 374.848+/-0.000 χ^2/NDF : 159550066545425

All: 373.328+/-0.000 χ^2/NDF : 374668009648

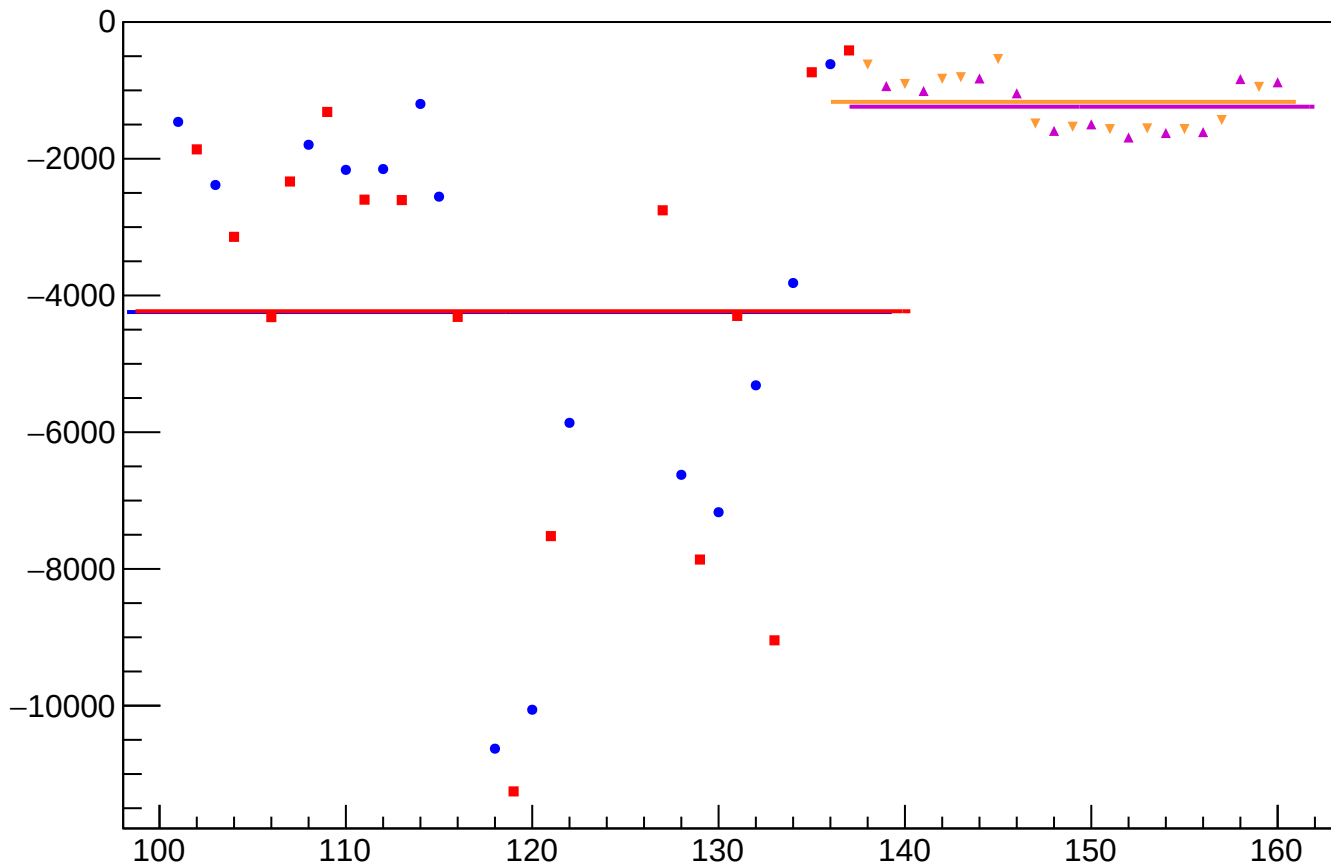
- sign 371.831+/-0.000 χ^2/NDF : 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug



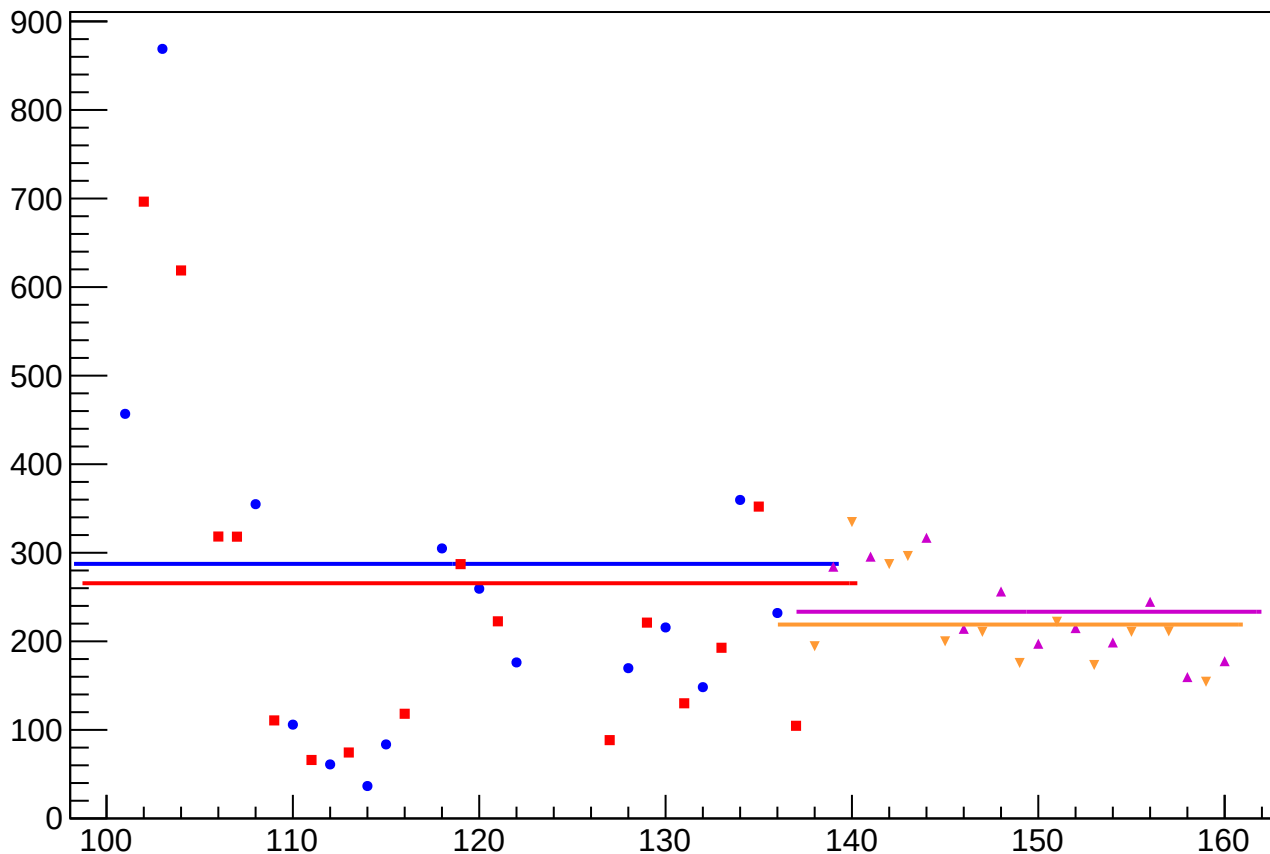
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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

dit_sam7_coil7_err_mean vs Slug



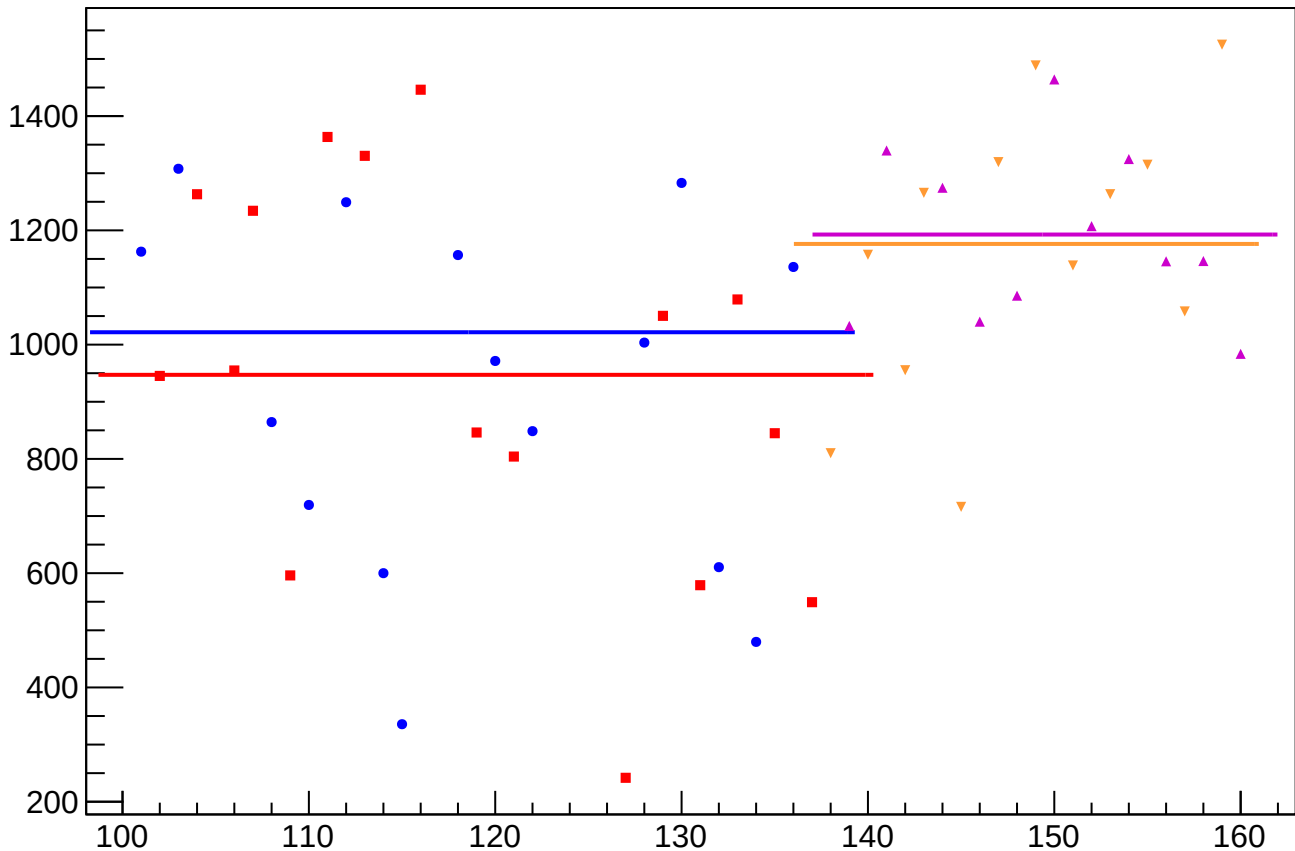
Right In: 287.460+/-0.000	χ^2/NDF : 29517044144826155936619151581366976512.0/14
Left Out: 218.953+/-0.000	χ^2/NDF : 2475213997163419950481199473566416896.0/11
Right Out: 265.593+/-0.000	χ^2/NDF : 25843263106329059274985499259066908672.0/15
Left In: 233.397+/-0.000	χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ sign 247.344+/-0.000 χ^2/NDF : 337758050005505

All: 247.118+/-0.000 χ^2/NDF : 62192104732

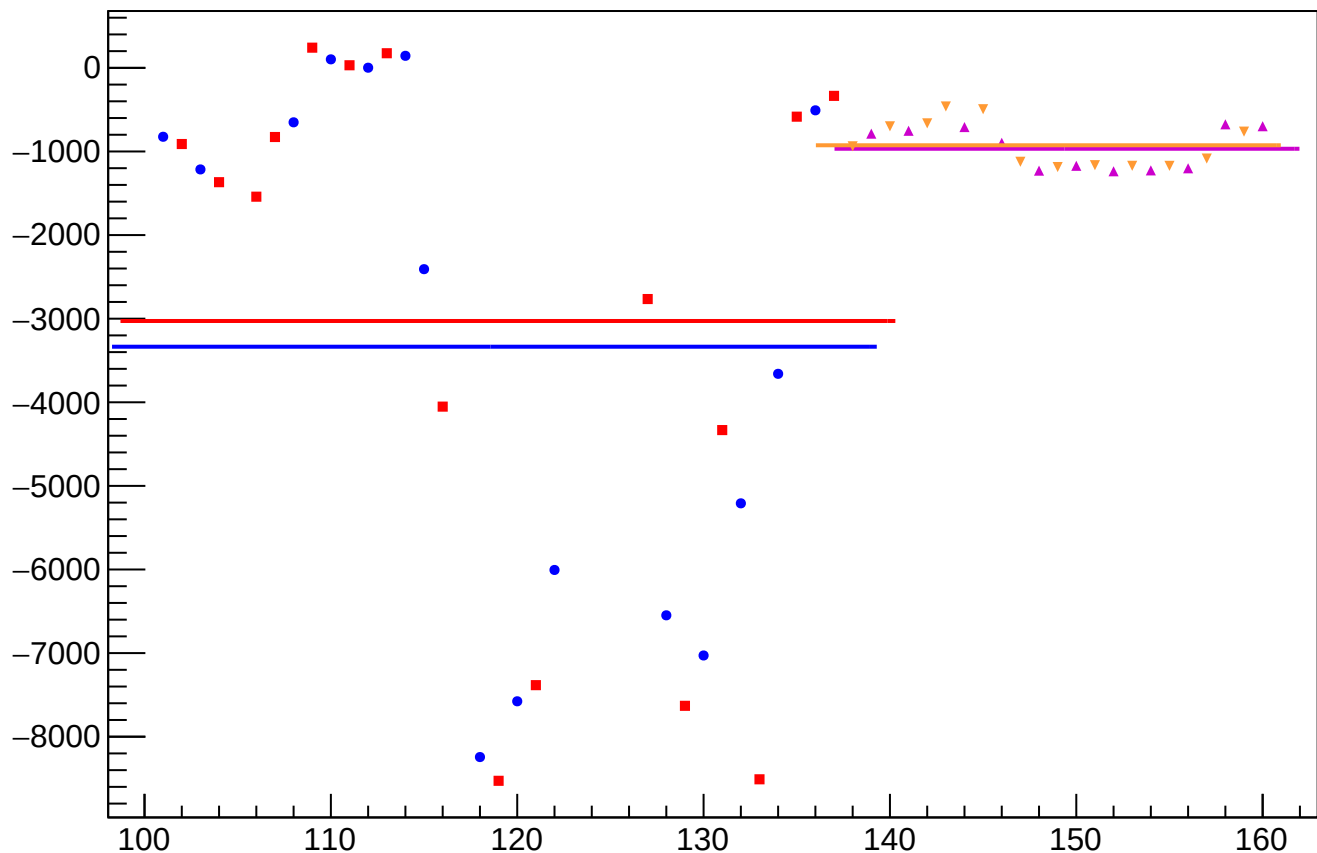
- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

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



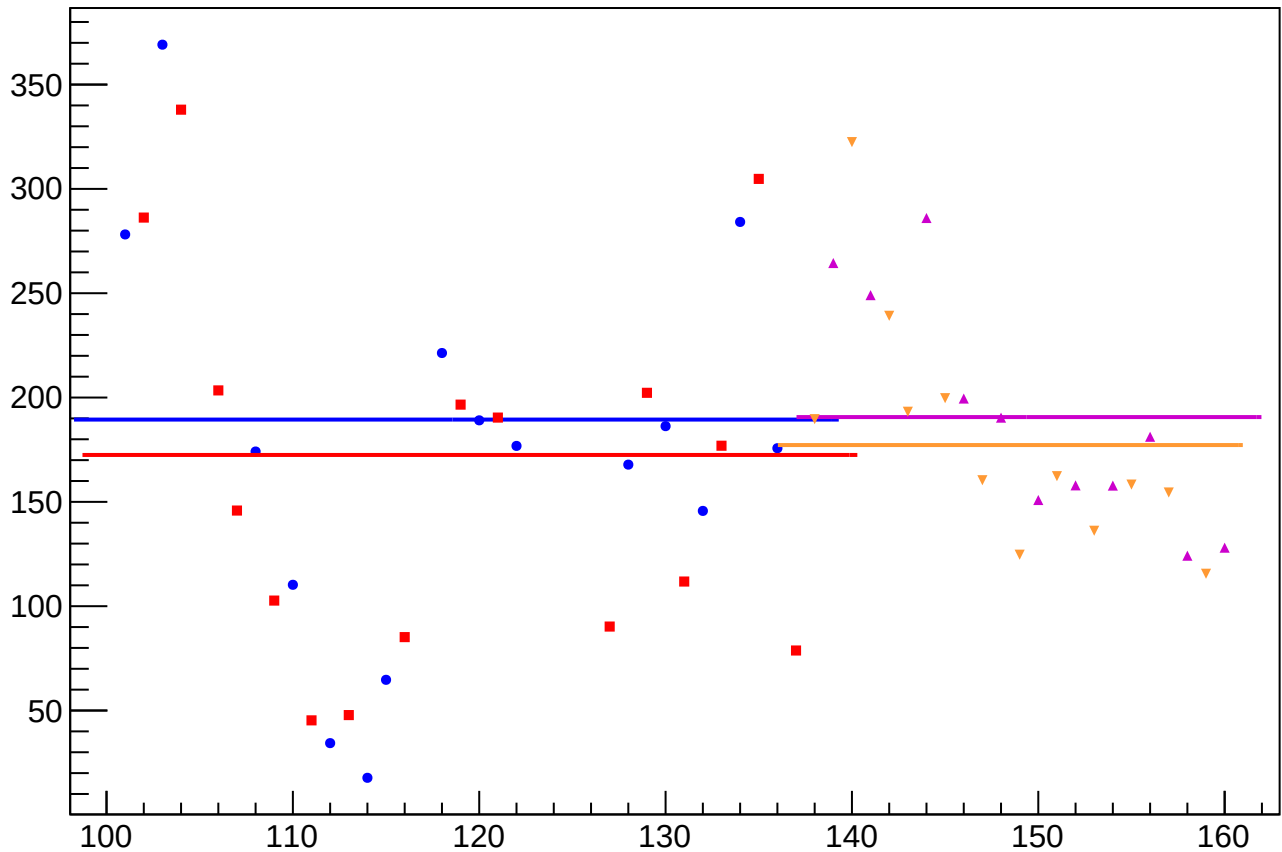
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14

Left Out: -925.824+/-0.000 χ^2/NDF : 64067799071771654441544775824759062528.0/11

Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15

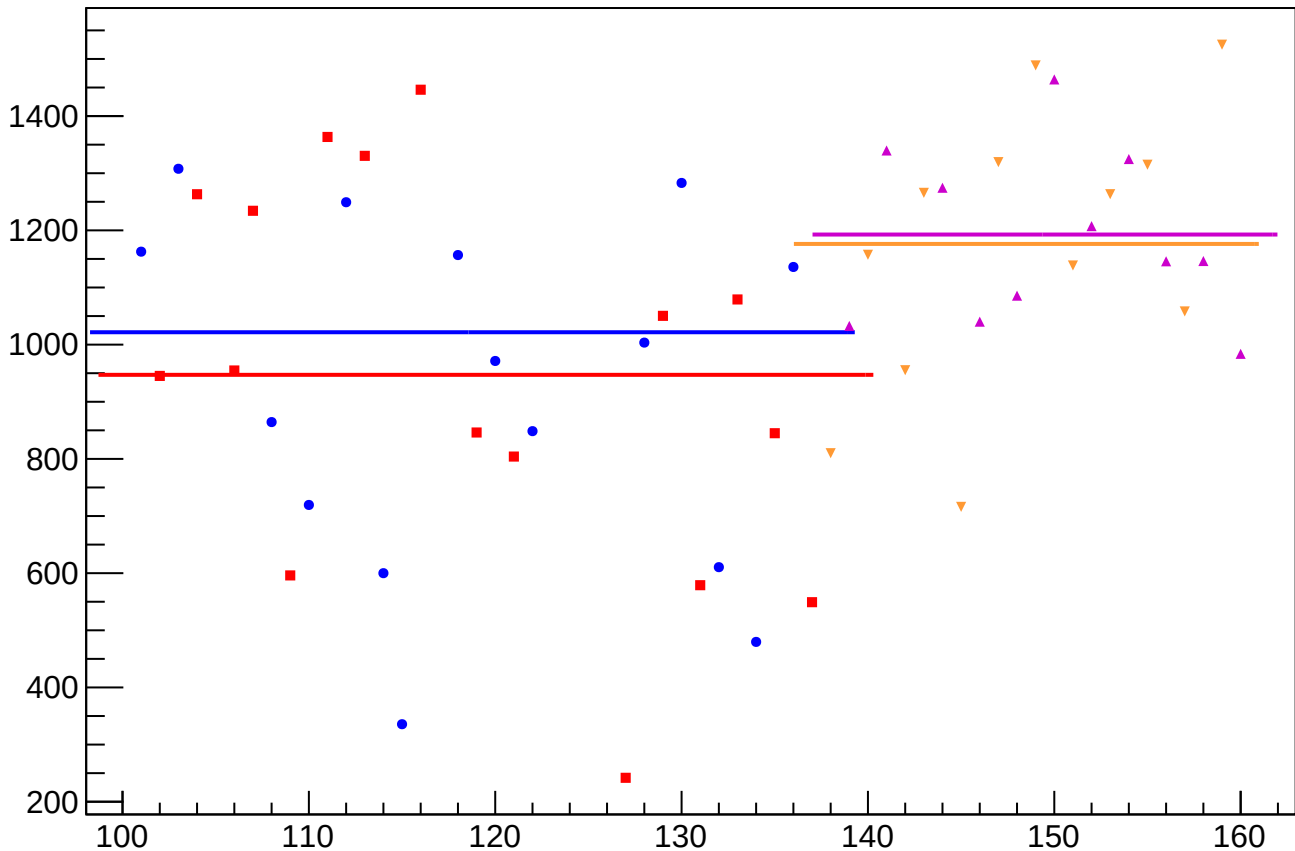
Left In: -967.568+/-0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

dit_sam8_coil7_err_mean vs Slug



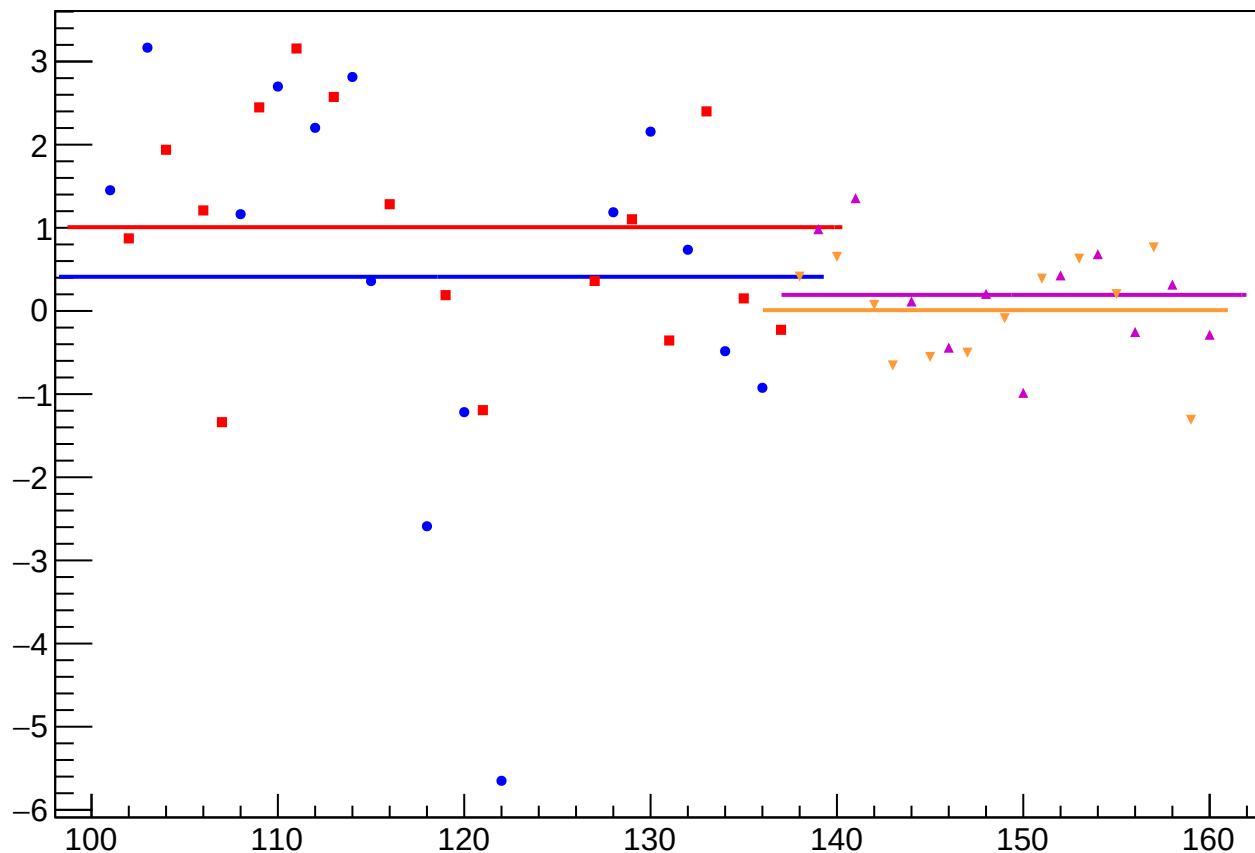
Right In: 189.442 $\pm$ 0.000	χ^2/NDF : 4707234253929700721726064108794544128.0/14	+ sign 182.290 $\pm$ 0.000	χ^2/NDF : 752760486130990
Left Out: 177.229 $\pm$ 0.000	χ^2/NDF : 2763689981014700365307320120704499712.0/11	All: 182.663 $\pm$ 0.000	χ^2/NDF : 157866193823
Right Out: 172.485 $\pm$ 0.000	χ^2/NDF : 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

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

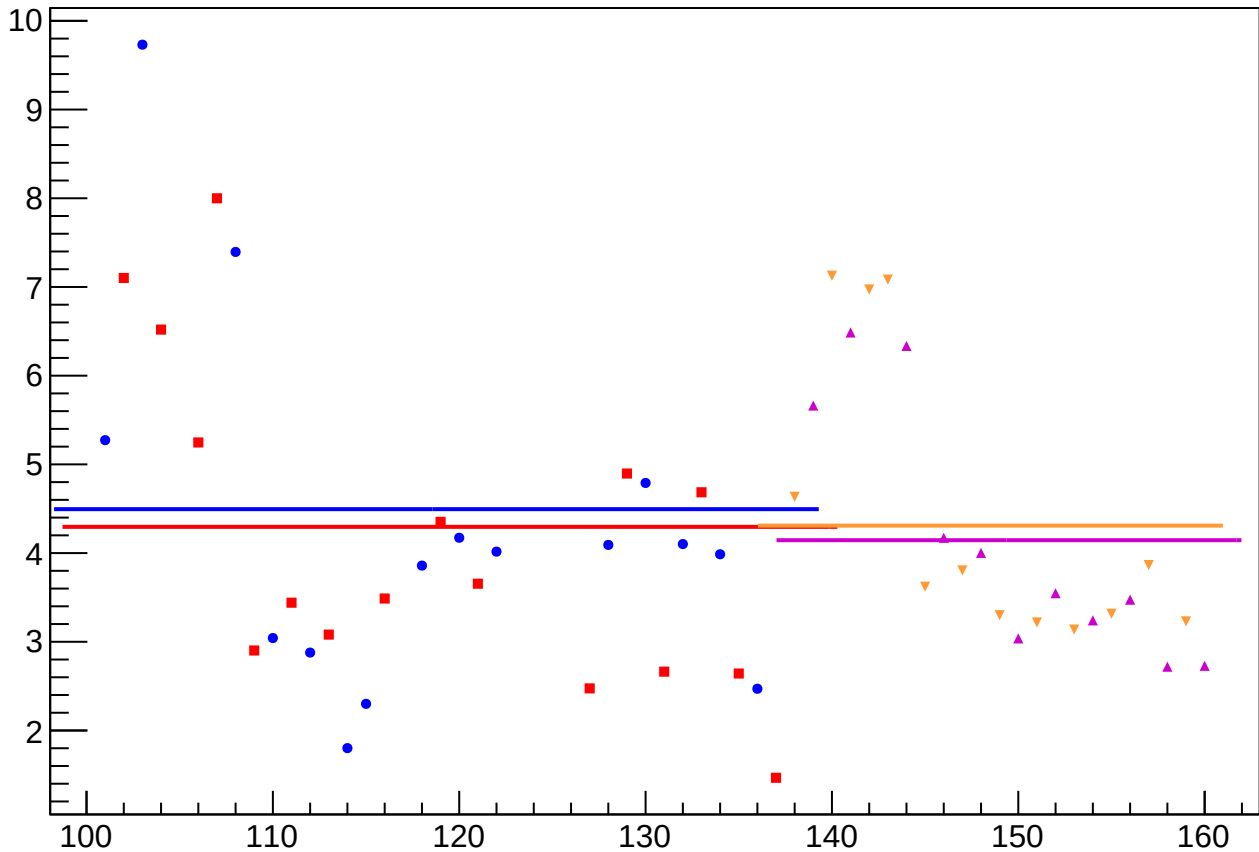
χ^2/NDF : 386133523330033860307880234713088.0/10

+ 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

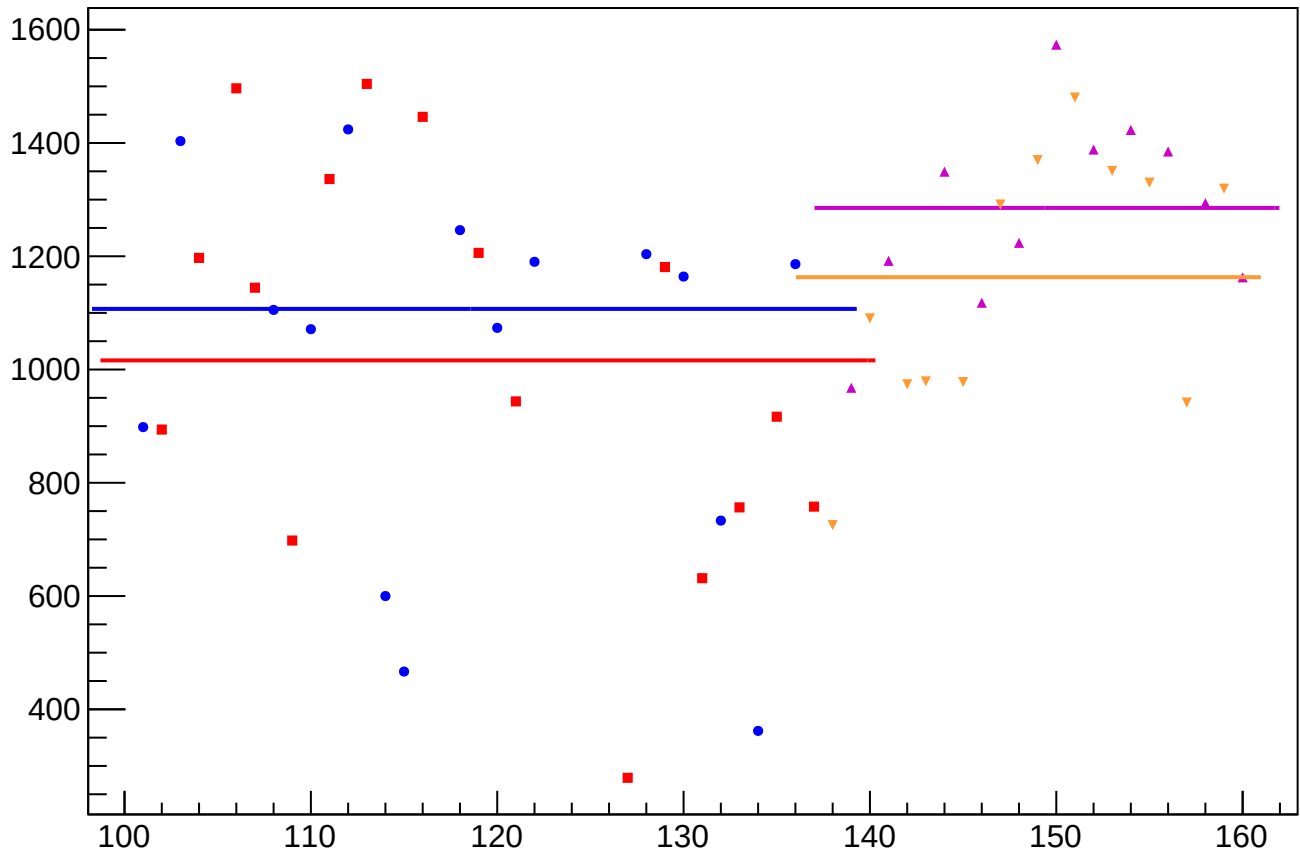
dit_4aX_coil4_err_mean vs Slug



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

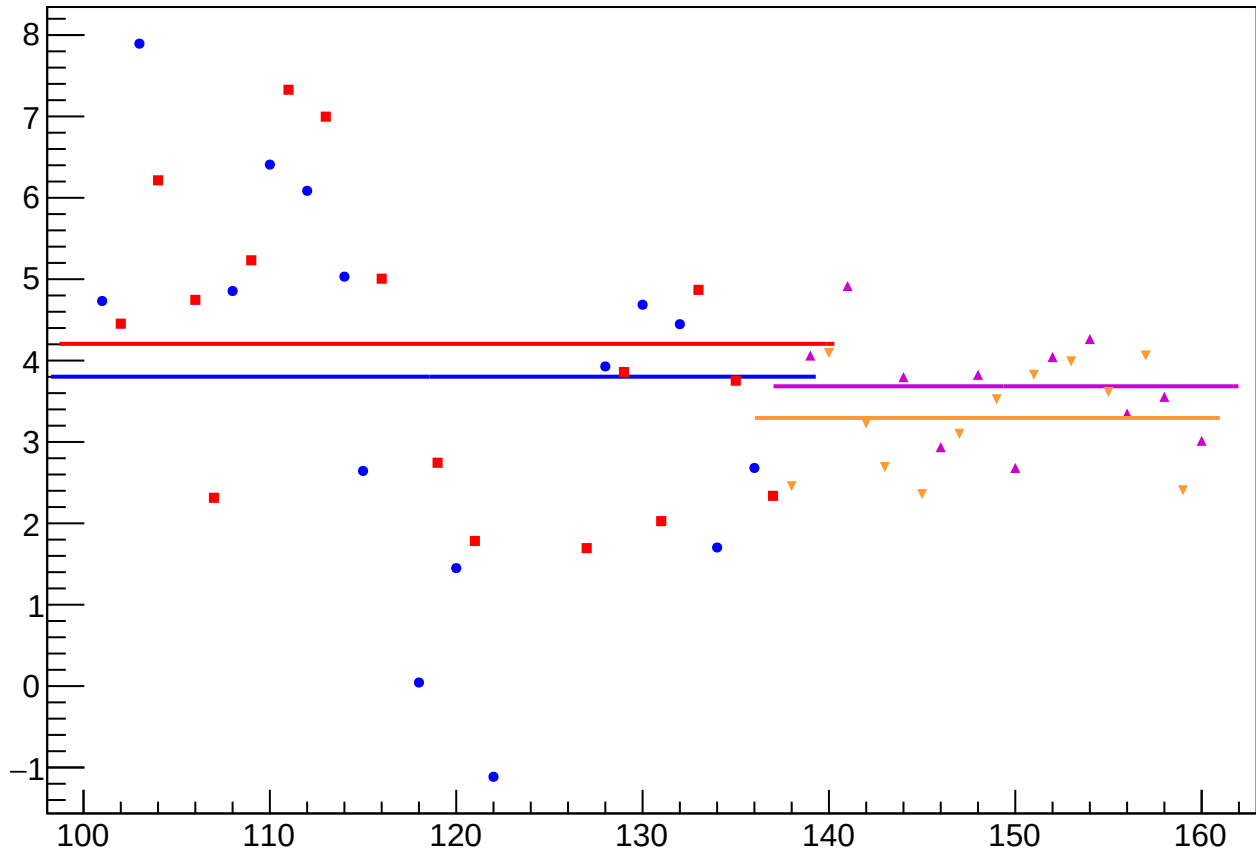
+ sign 4.387 $\pm$ 0.000 χ^2 /NDF: 47959123890212102
 All: 4.297 $\pm$ 0.000 χ^2 /NDF: 84876041077728
 - sign 4.208 $\pm$ 0.000 χ^2 /NDF: 36666176911582785

dit_4aX_coil4_Ndata_mean vs Slug



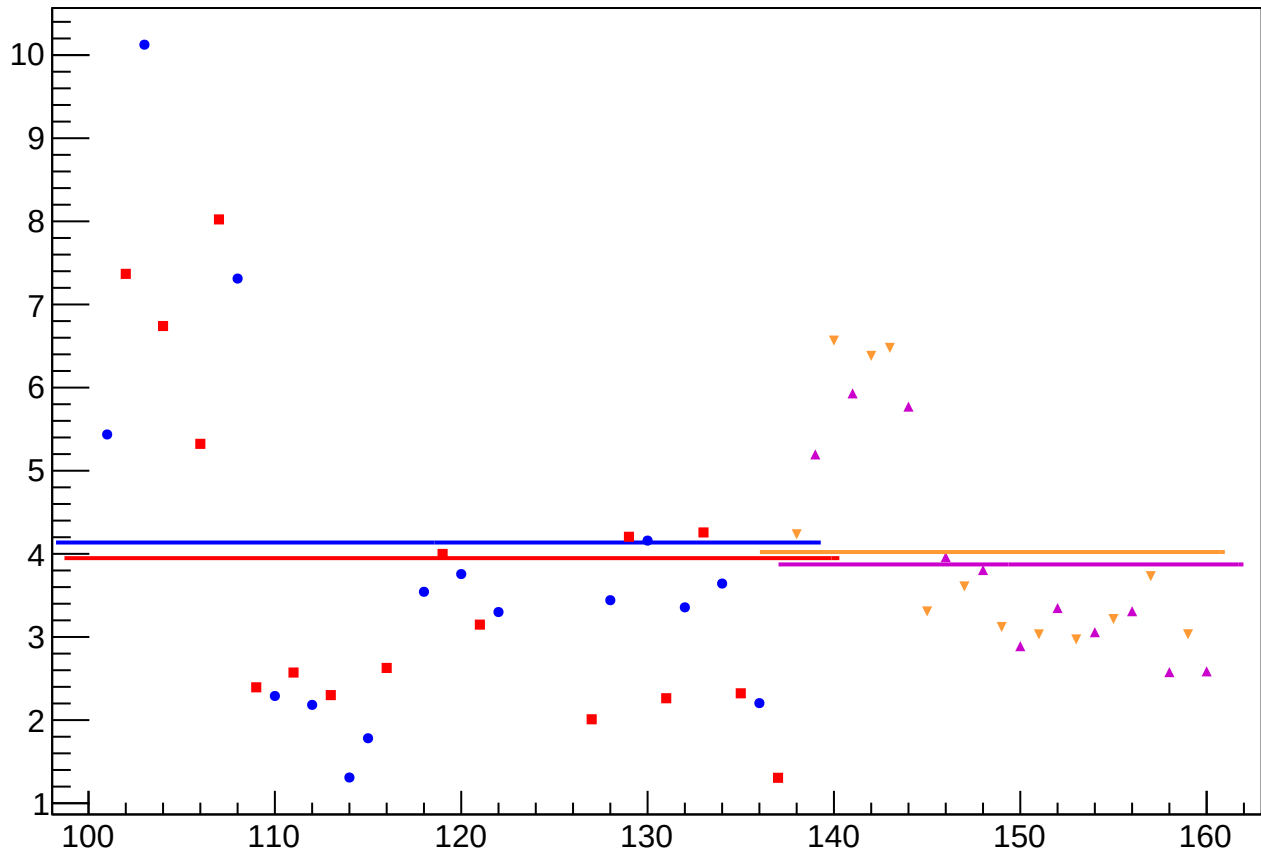
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_4eX_coil4_mean vs Slug



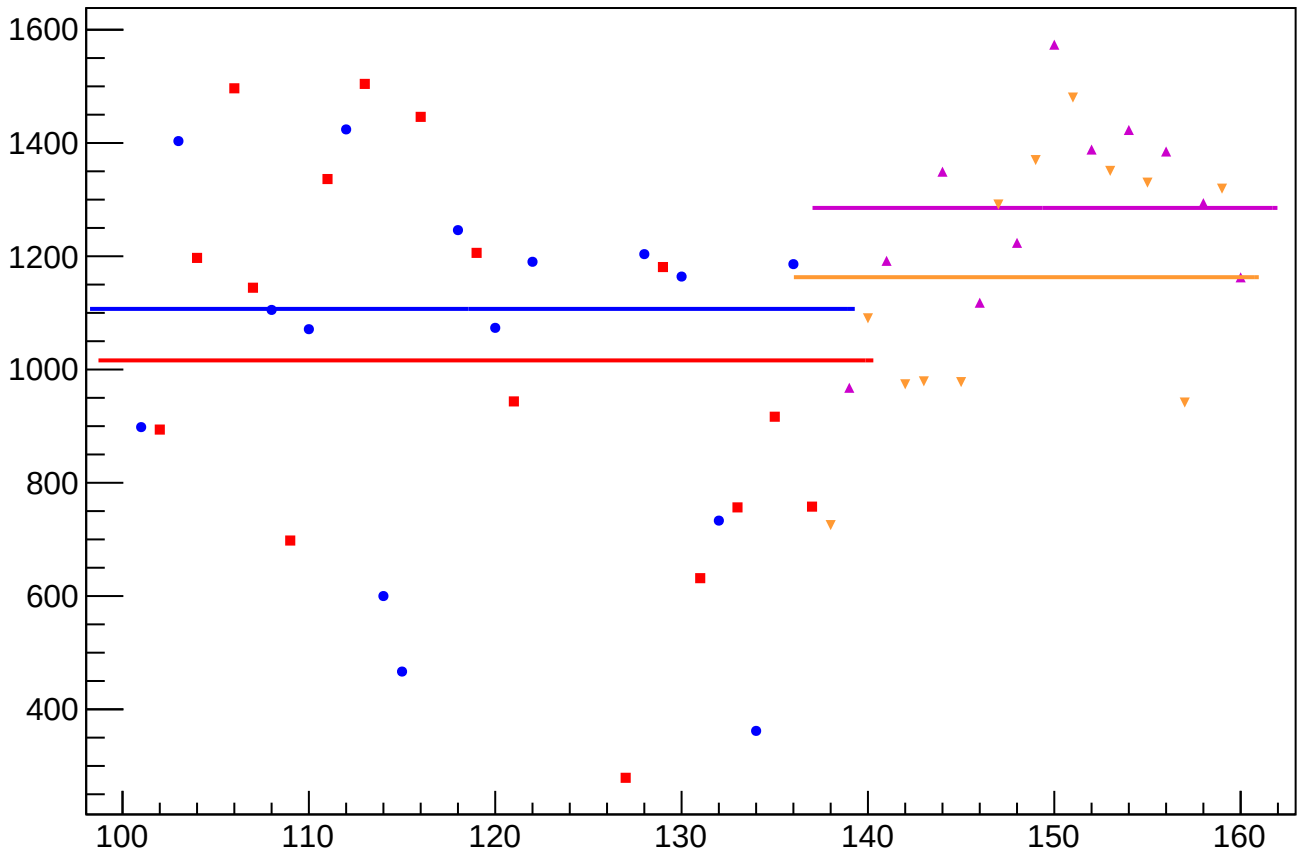
Right In: 3.802 ± 0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 3.295 ± 0.000 χ^2/NDF : 390847239589673517583250386583552.0/11
 Right Out: 4.206 ± 0.000 χ^2/NDF : 2096427813341454573332265183477760.0/15
 Left In: 3.684 ± 0.000 χ^2/NDF : 366001419656422310601850072596480.0/10

dit_4eX_coil4_err_mean vs Slug



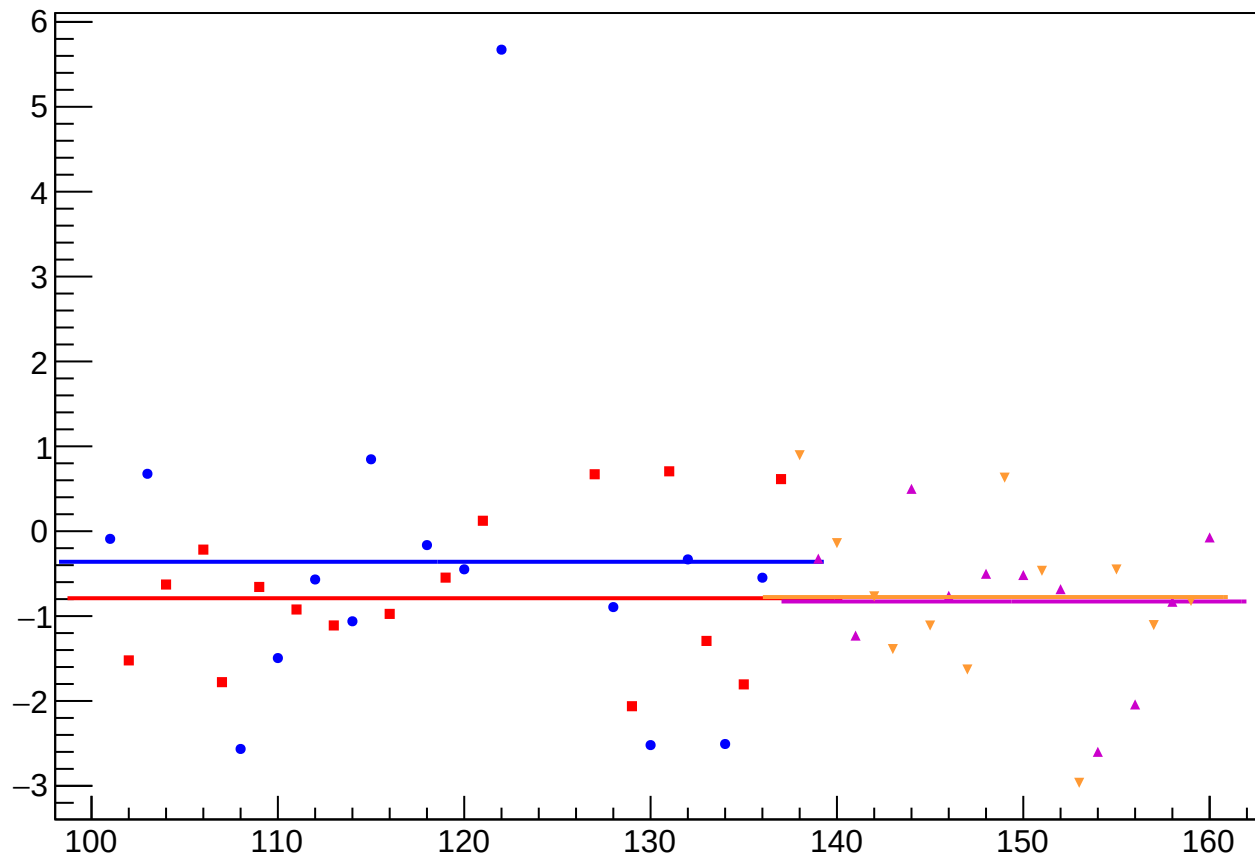
Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.022 ± 0.000 χ^2/NDF : 1623918055405441678672358958694400.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ 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_11X12X_coil4_mean vs Slug



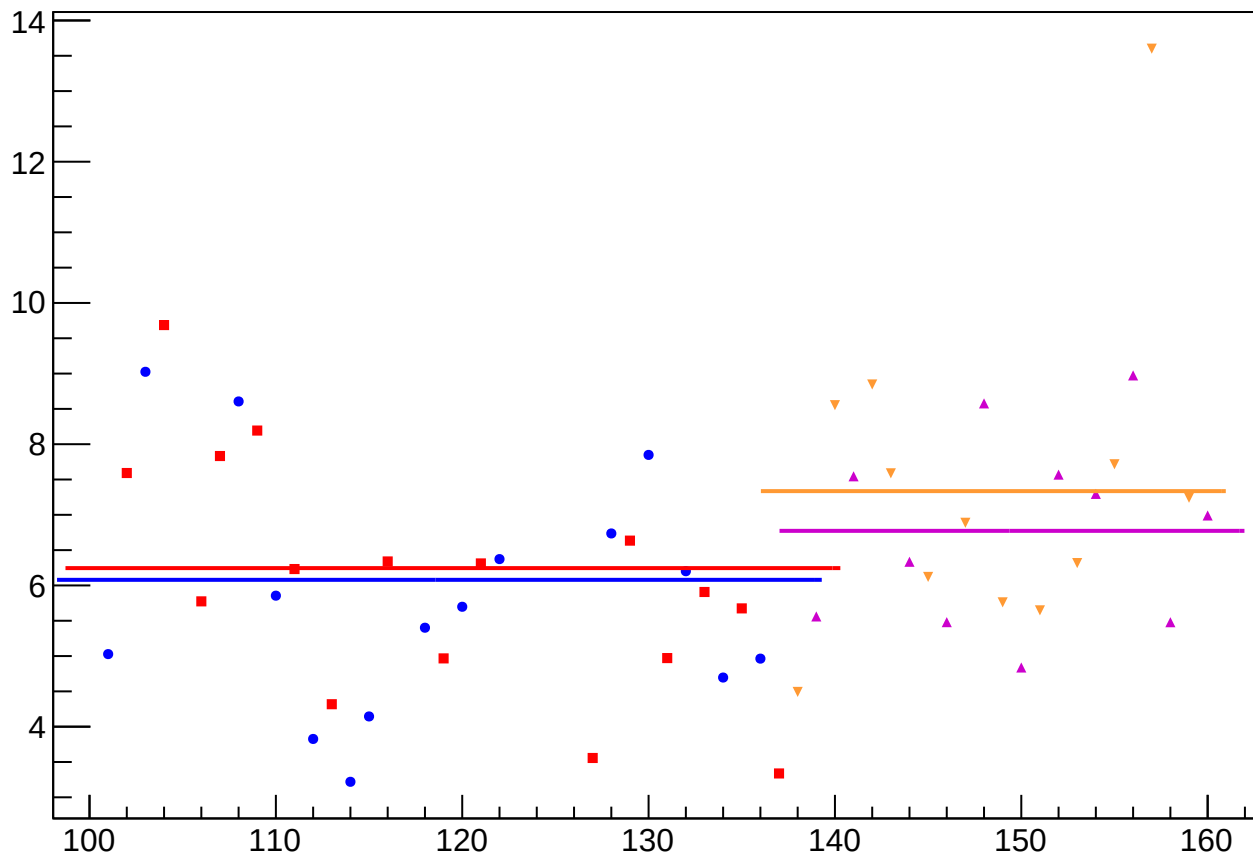
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.776+/-0.000 χ^2/NDF : 939757082215191020614021048958976.0/11

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

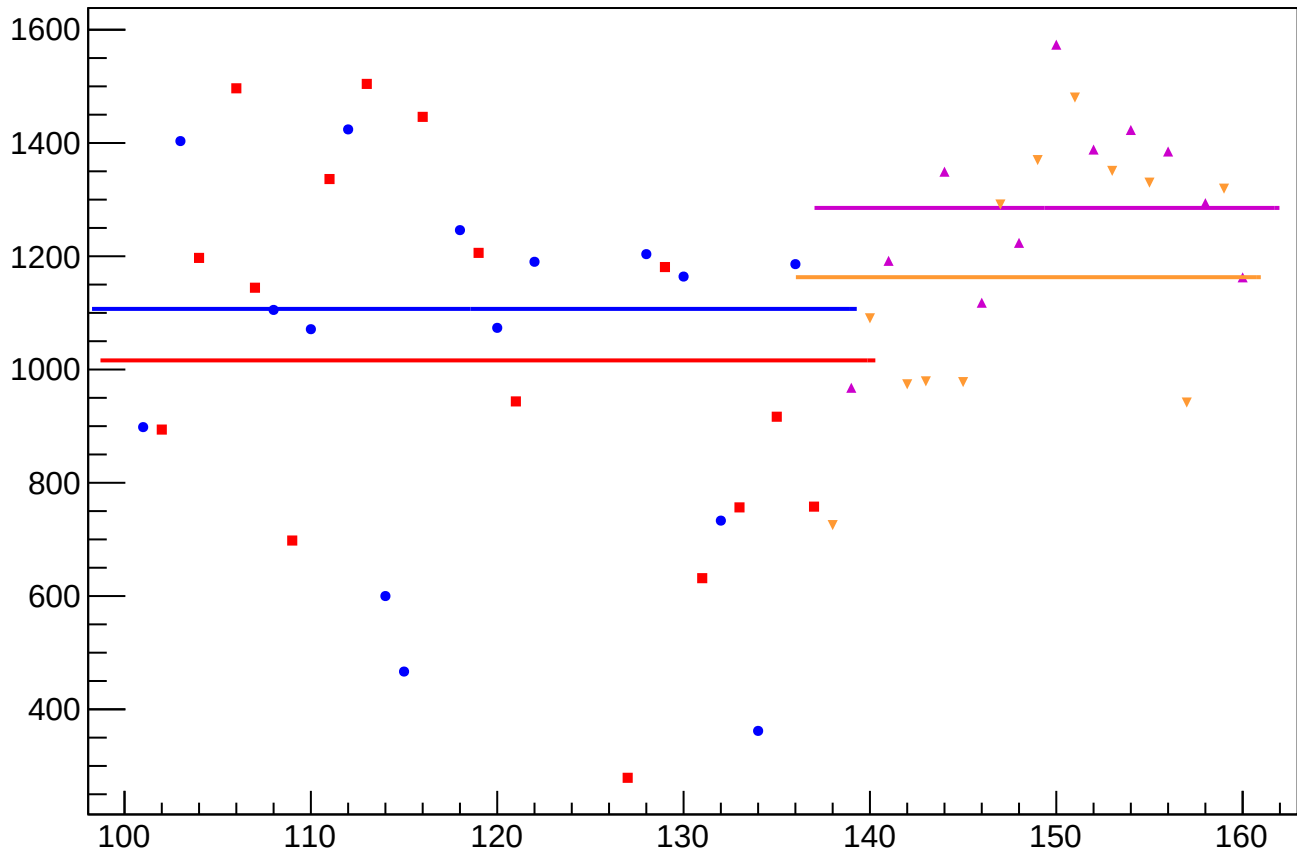
Left In: -0.828+/-0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000	χ^2/NDF : 1590295171022705157509900448825344.0/14	+ sign 6.815+/-0.000	χ^2/NDF : 68155259084856645
Left Out: 7.336+/-0.000	χ^2/NDF : 4625628833201139991267353991053312.0/11	All: 6.682+/-0.000	χ^2/NDF : 10340427820903
Right Out: 6.245+/-0.000	χ^2/NDF : 1816529163105006938510976985595904.0/15	- sign 6.552+/-0.000	χ^2/NDF : 34702547921187787
Left In: 6.773+/-0.000	χ^2/NDF : 1545880653062872635060205832372224.0/10		

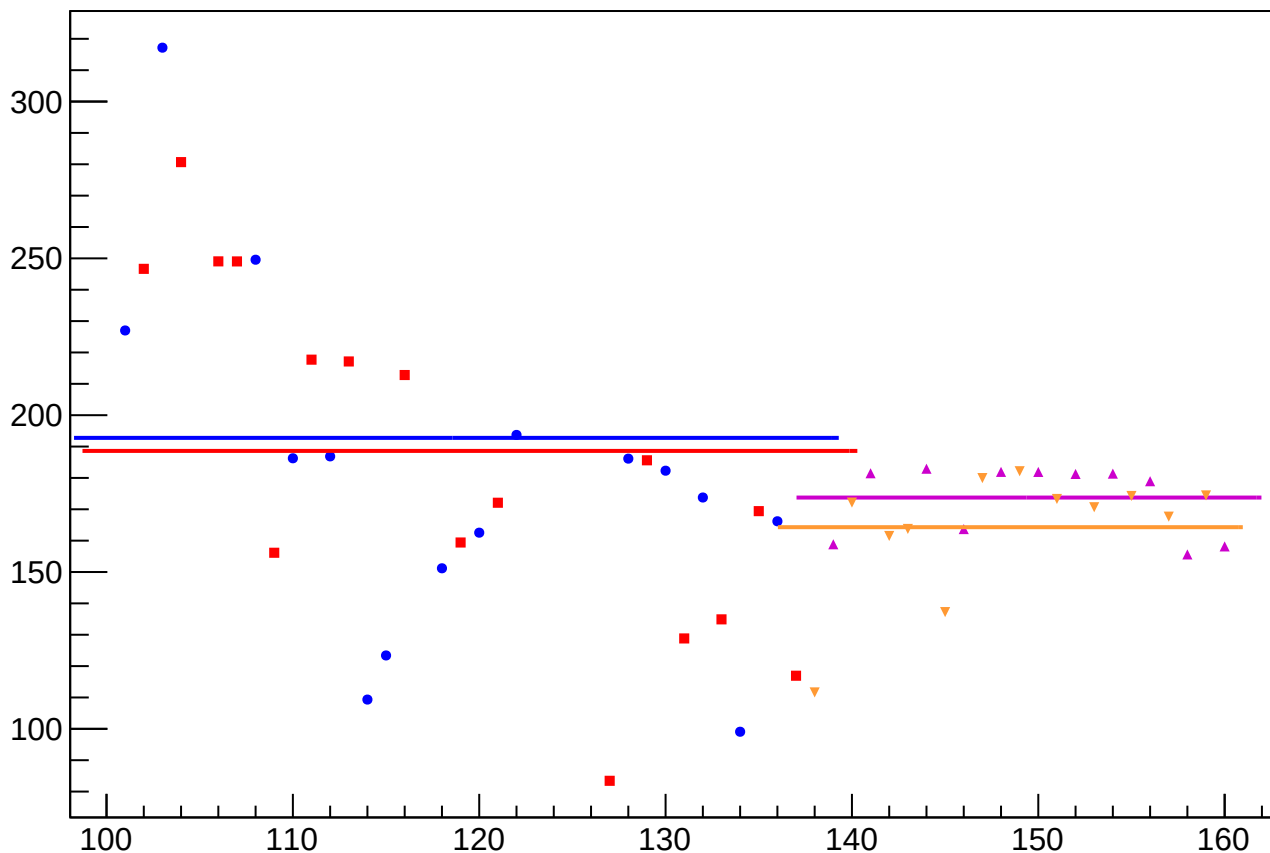
dit_11X12X_coil4_Ndata_mean vs Slug



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

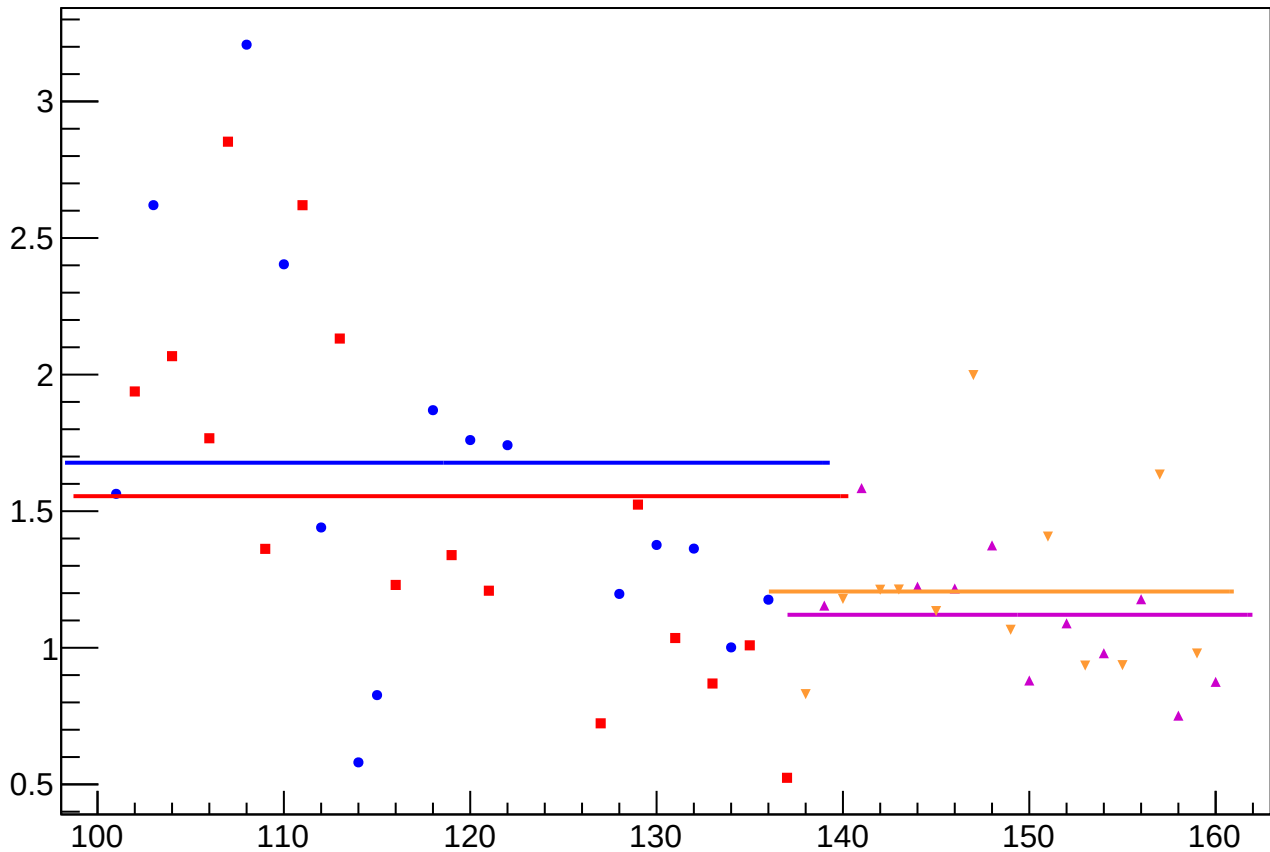
Left In: 173.738+/-0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

+ 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



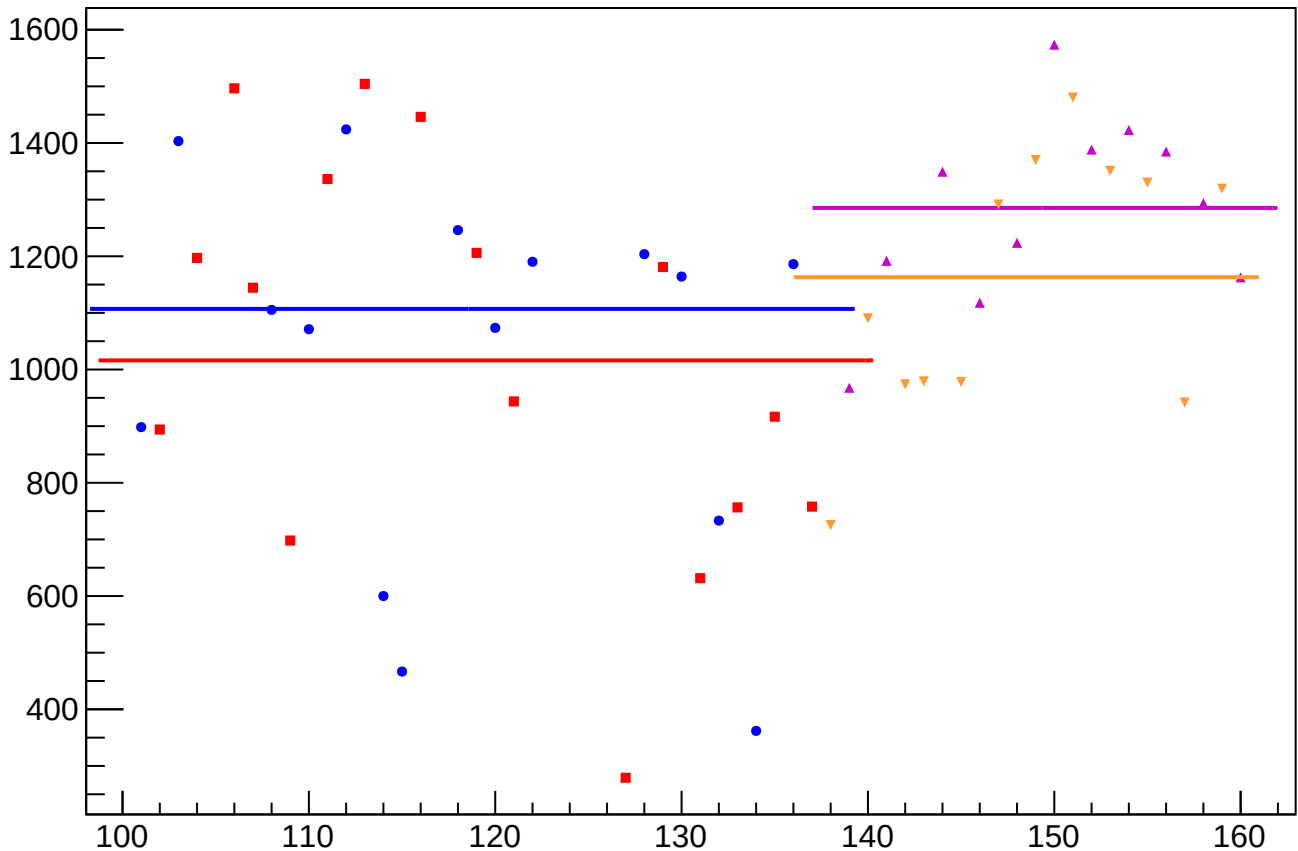
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

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

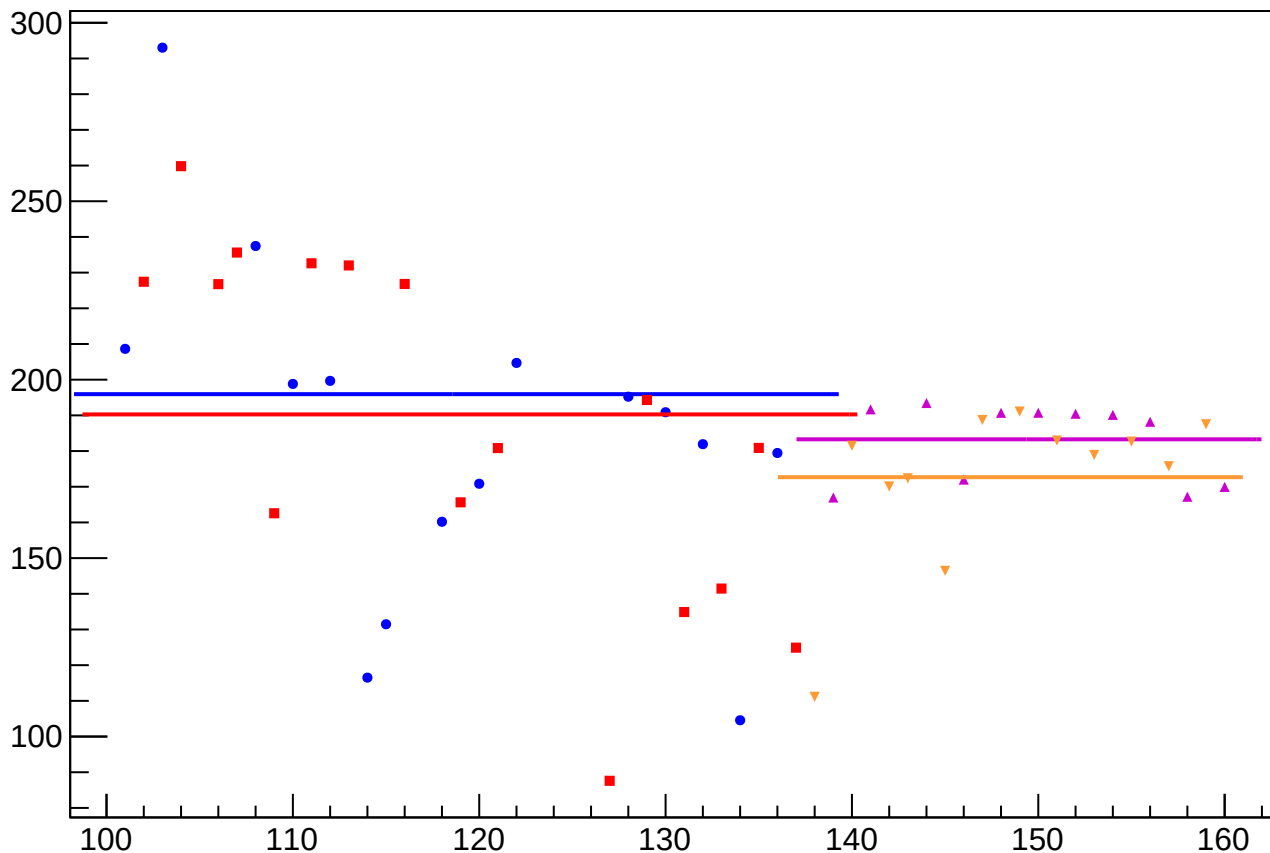
Left In: 1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 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_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 172.678+/-0.000 χ^2/NDF : 444129154318784491704790528347340800.0/11

Right Out: 190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

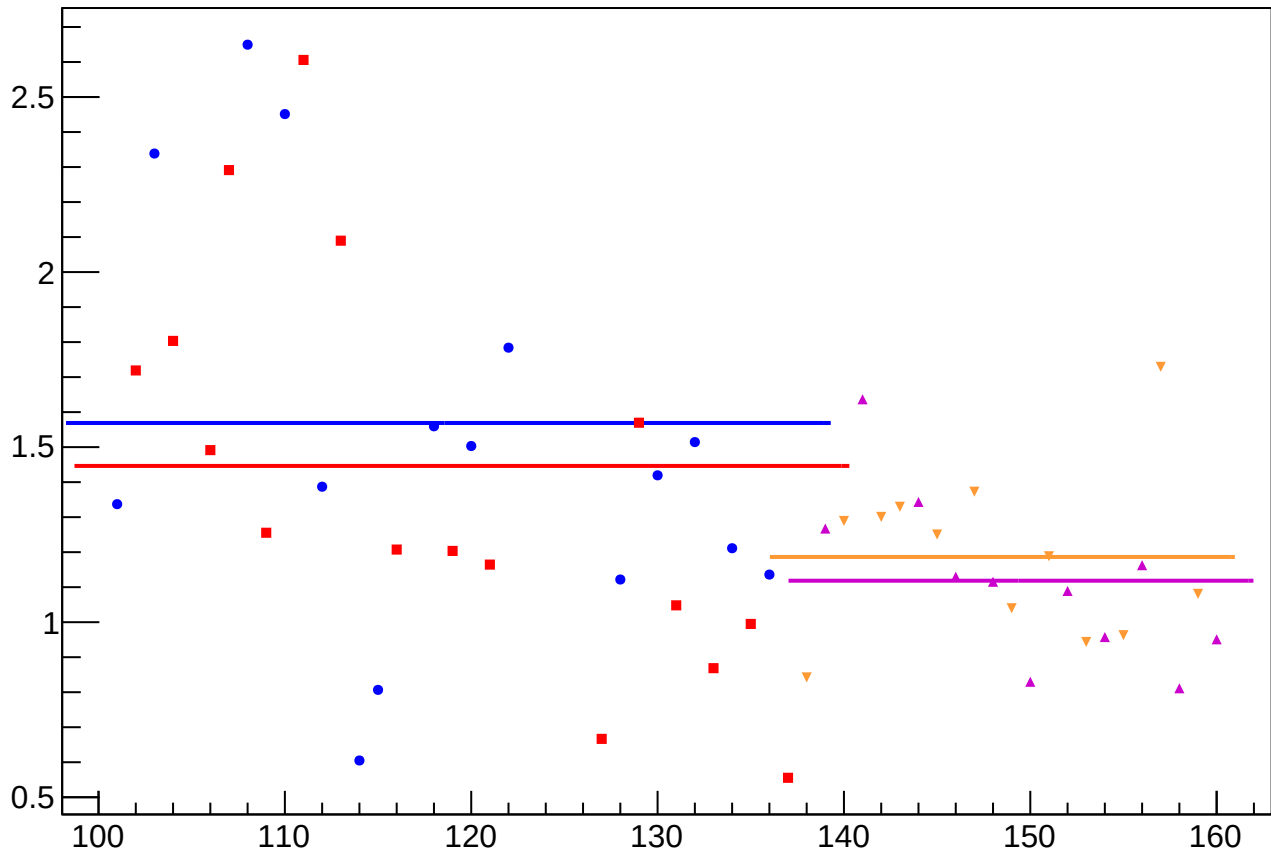
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

+ sign 182.319+/-0.000 χ^2/NDF : 170767185336738

All: 184.283+/-0.000 χ^2/NDF : 330872661752

- sign 186.216+/-0.000 χ^2/NDF : 158906987548328

dit_4eY_coil4_err_mean vs Slug



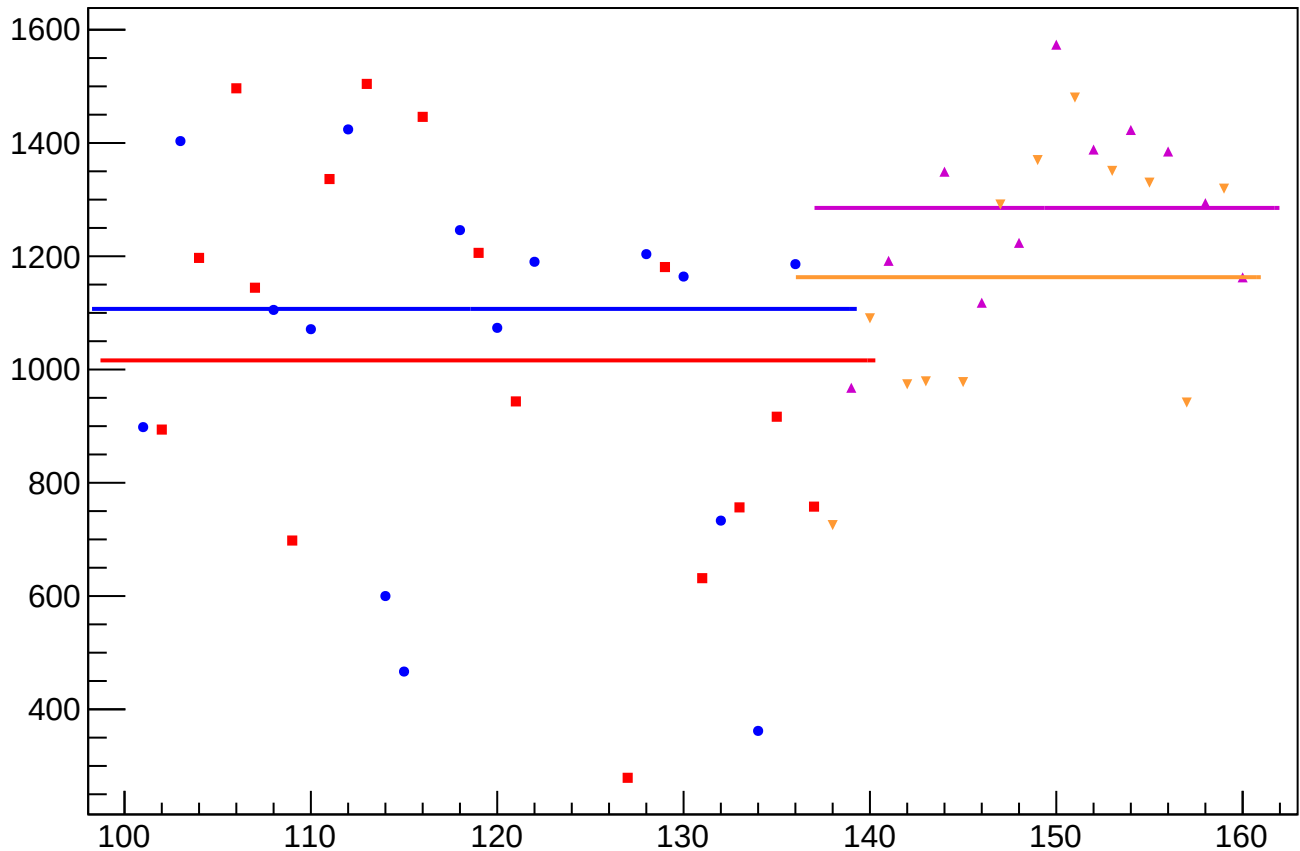
Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.186 $\pm$ 0.000 χ^2 /NDF: 50110649006733128269701442437120.0/11

Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15

Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 48973496995723480911801365823488.0/10

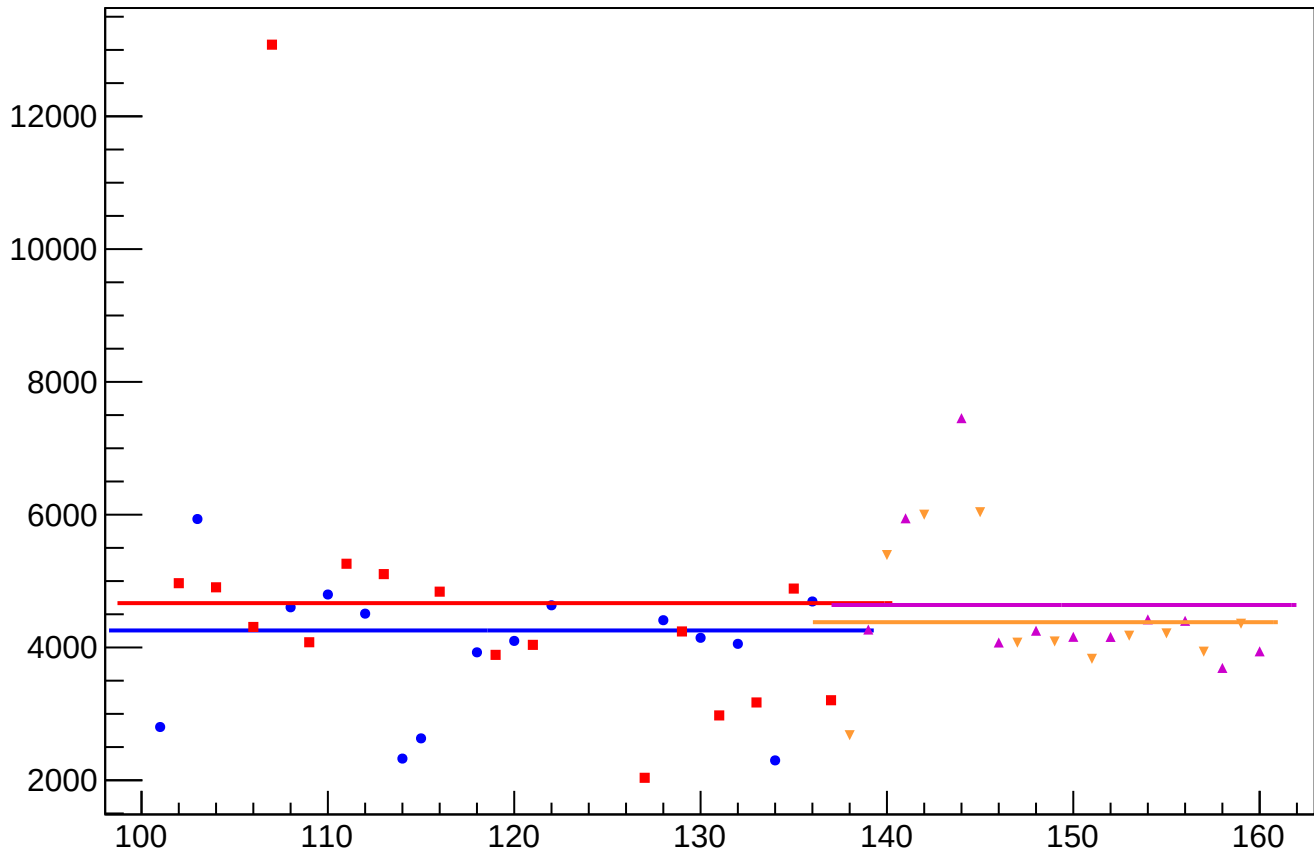
dit_4eY_coil4_Ndata_mean vs Slug



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

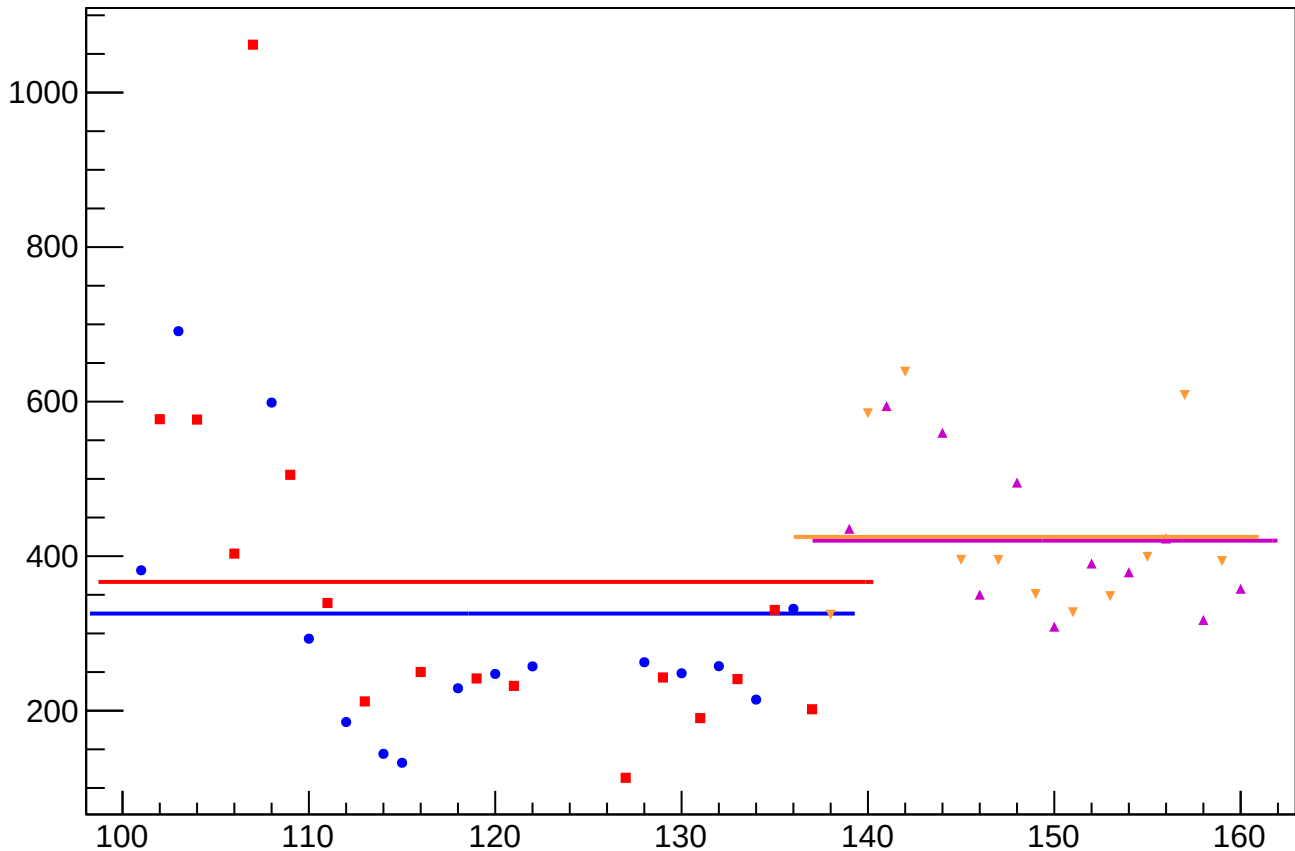
dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14
Left Out: 4380.887+/-0.000	χ^2/NDF : 711929350796242872356445332084336099328.0/10
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15
Left In: 4639.846+/-0.000	χ^2/NDF : 1058446303743243170530981239939506634752.0/10

+ sign 4326.984+/-0.000 χ^2/NDF : 12162390712682
 All: 4494.113+/-0.000 χ^2/NDF : 55582340765
 - sign 4651.578+/-0.000 χ^2/NDF : 42606752336216

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

+ sign 381.988+/-0.000 χ^2/NDF : 278772964276688

Left Out: 424.941+/-0.000 χ^2/NDF : 9621828673272649813383773272468881408.0/10

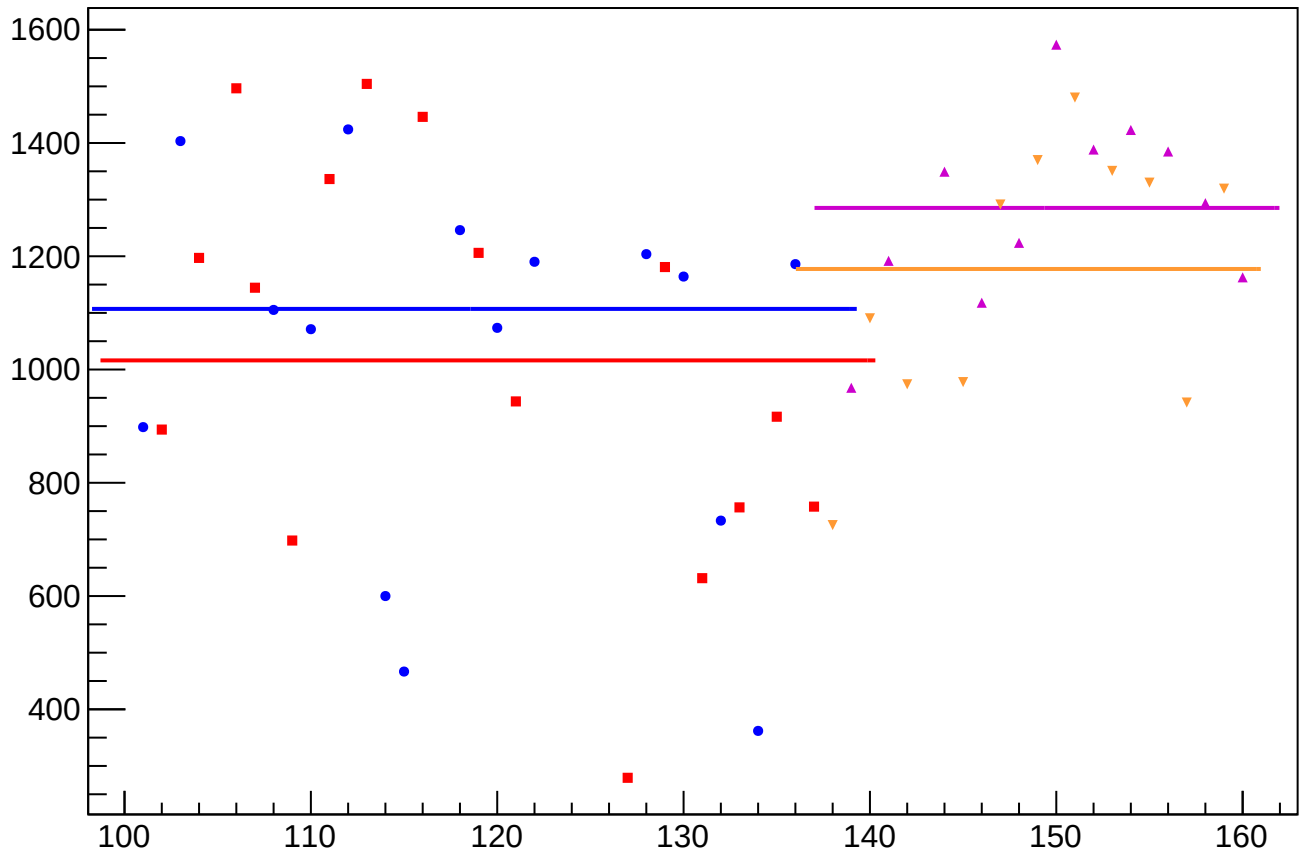
All: 390.069+/-0.000 χ^2/NDF : 689749872558

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

- sign 397.684+/-0.000 χ^2/NDF : 409075450012092

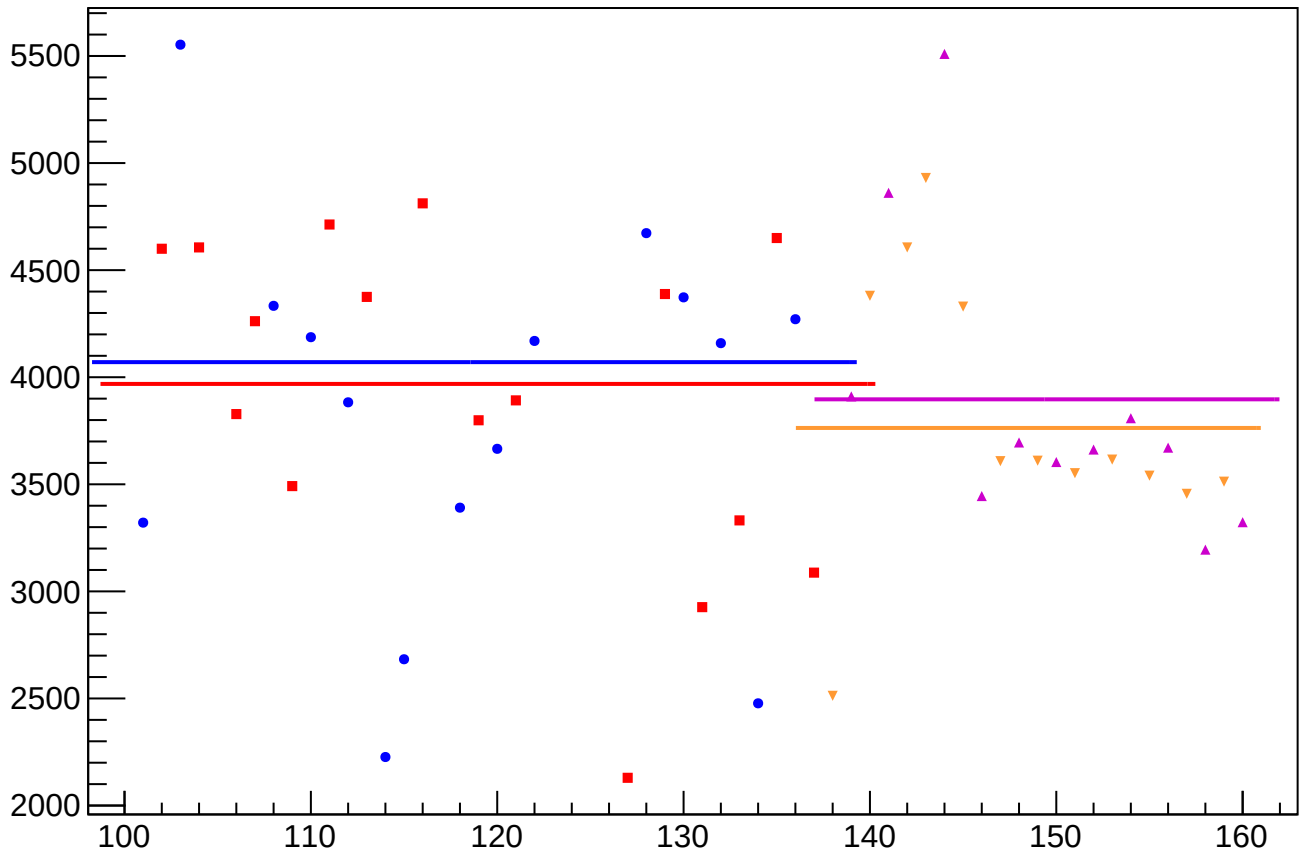
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 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

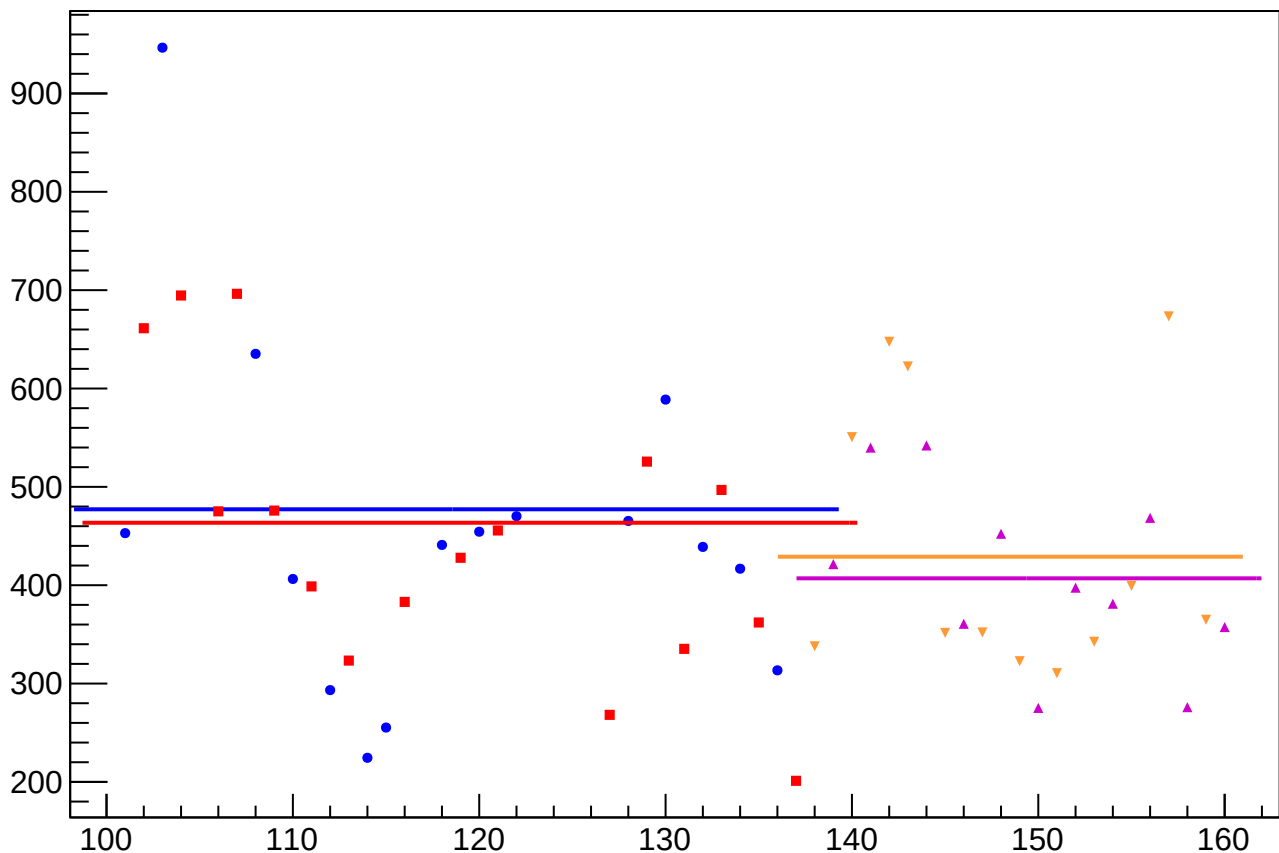
dit_usr_coil4_mean vs Slug



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

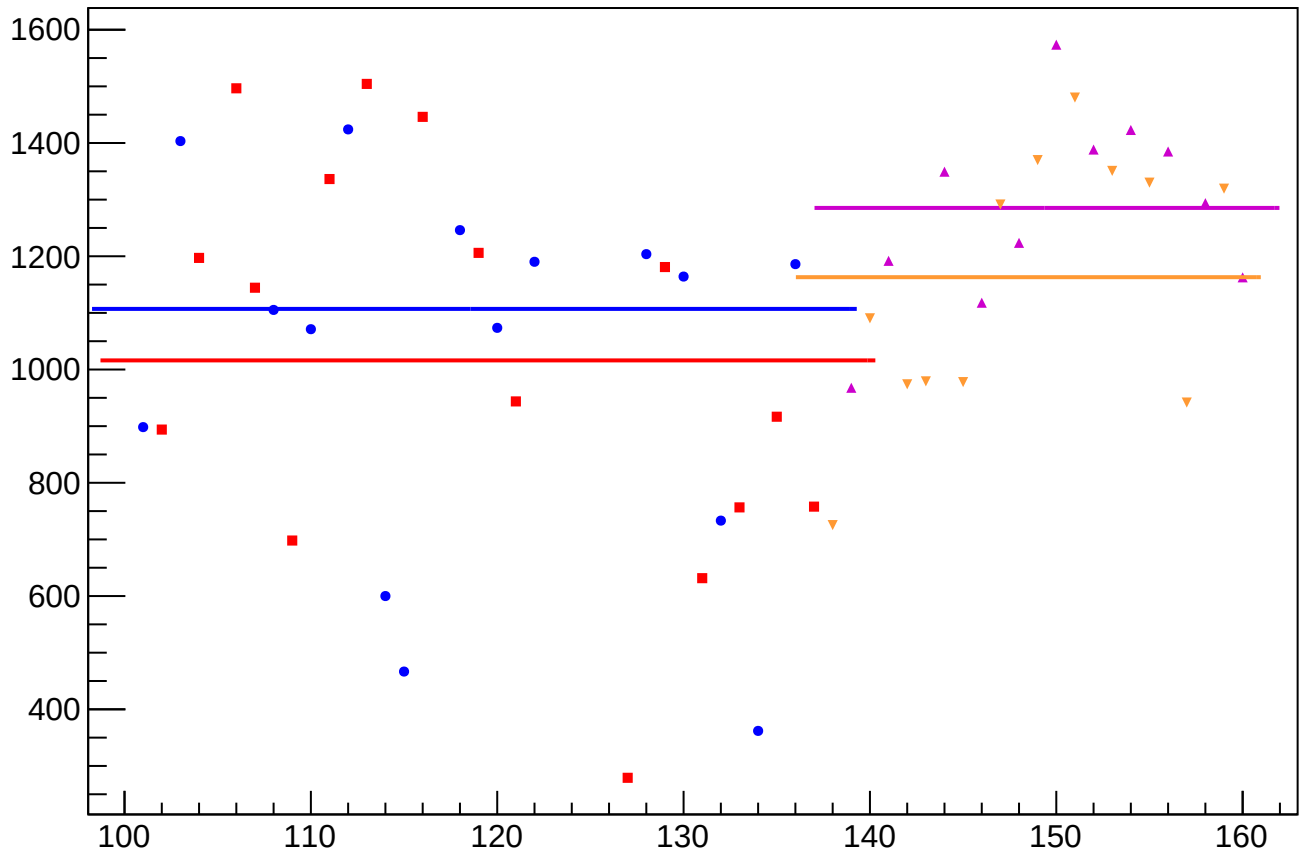
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 448.957+/-0.000 χ^2/NDF : 366327990822750

All: 439.749+/-0.000 χ^2/NDF : 577048219022

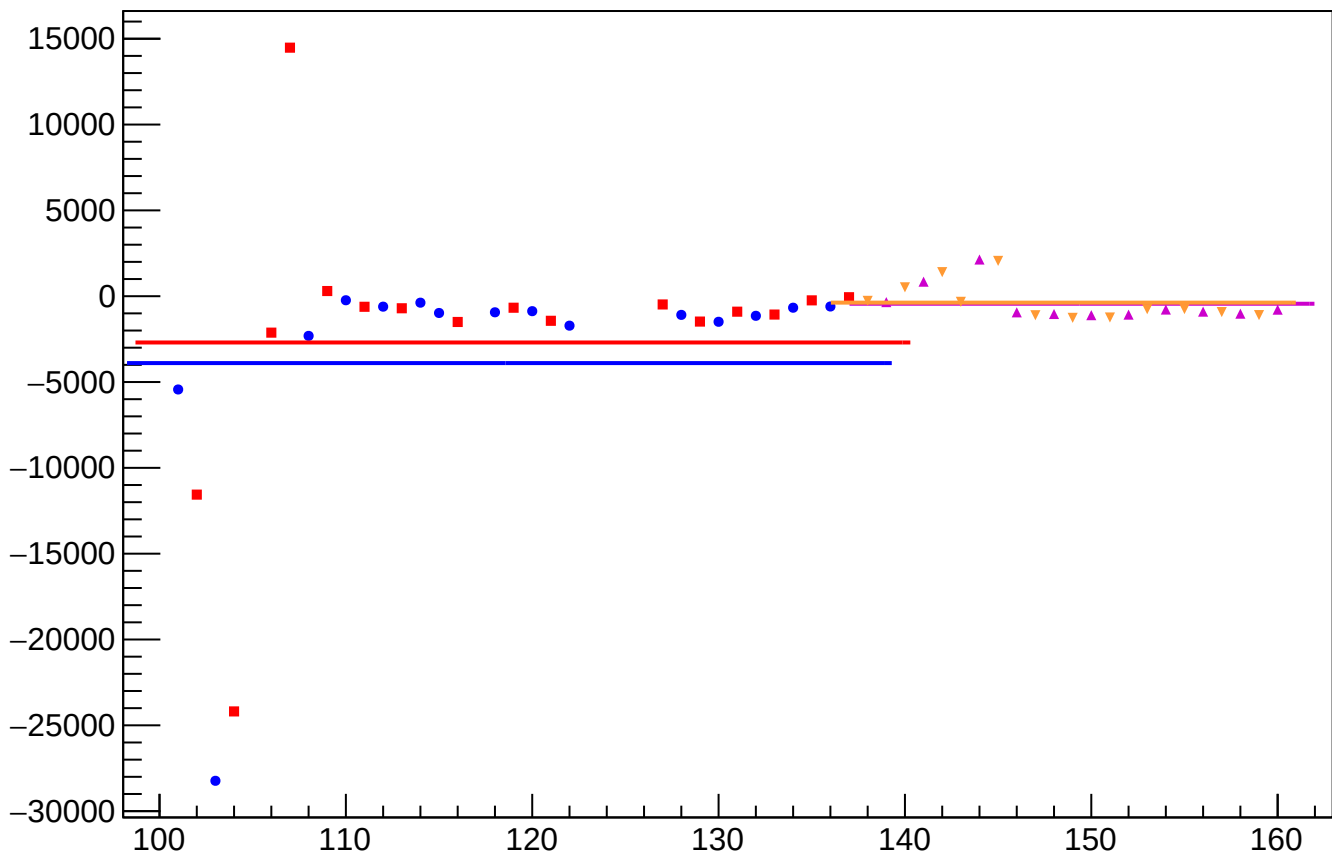
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 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 : 21306550198.0/10
 + sign 1139.844+/-0.000 χ^2/NDF : 87570338044863.0/10
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625.0/10

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

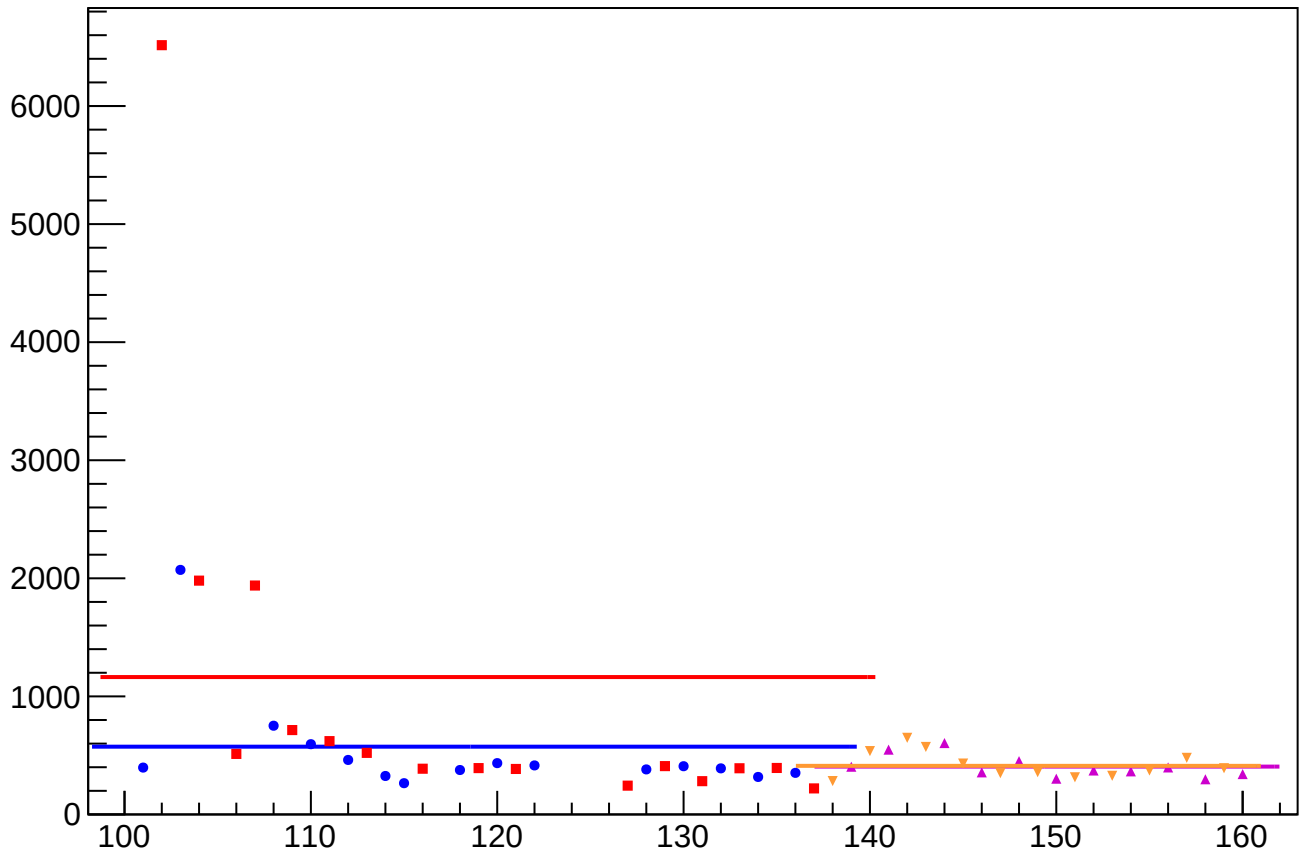
Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15

Left In: -439.289+/-0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10

All: -1607.892+/-0.000 χ^2/NDF : 8915452506

sign: -1833.963+/-0.000 χ^2/NDF : 4527944849891

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

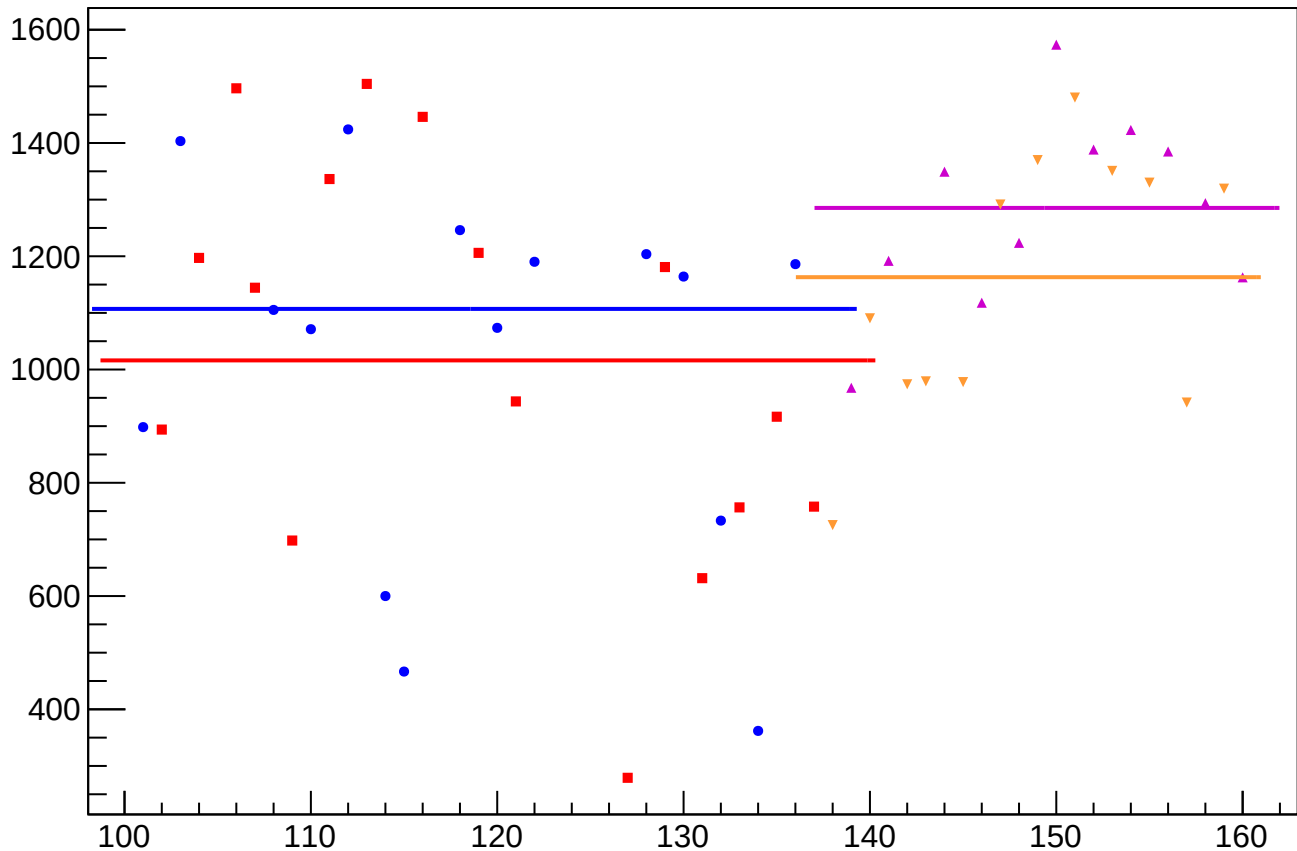
Left Out: 411.666+/-0.000 χ^2/NDF : 9310753562046919070067621560894619648.0/11

Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15

Left In: 405.371+/-0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

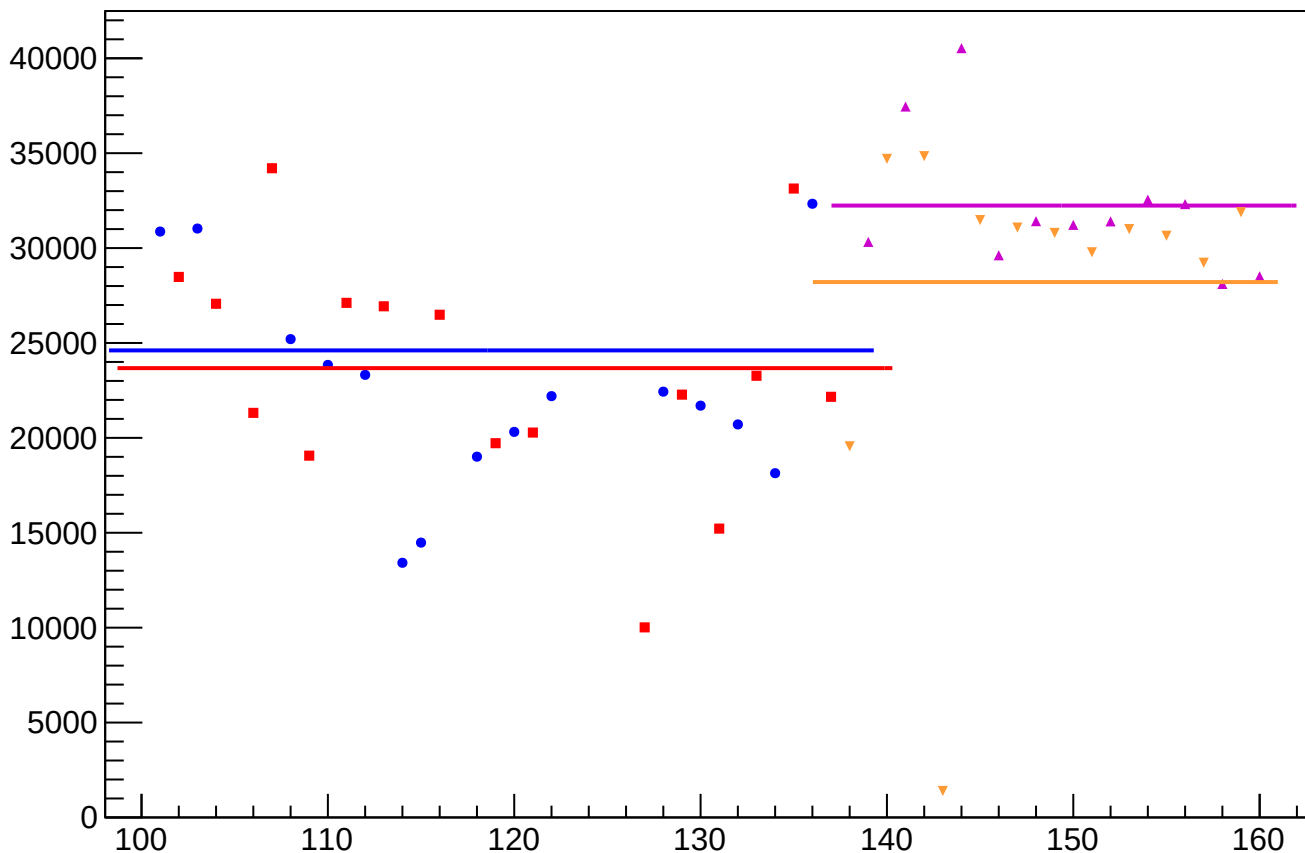
All: 602.093+/-0.000 χ^2/NDF : 245259904240.0/20

dit_atl1_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

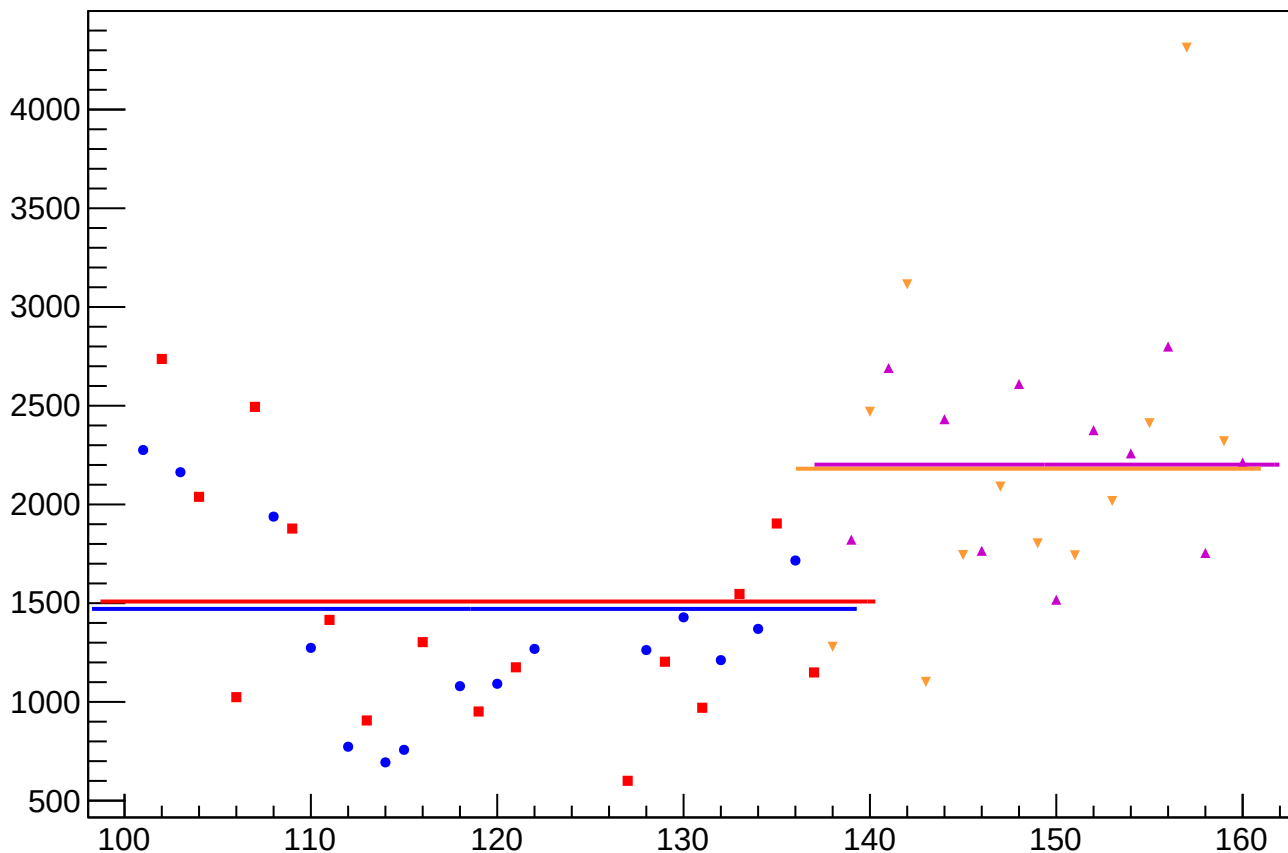
dit_atl2_coil4_mean vs Slug



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

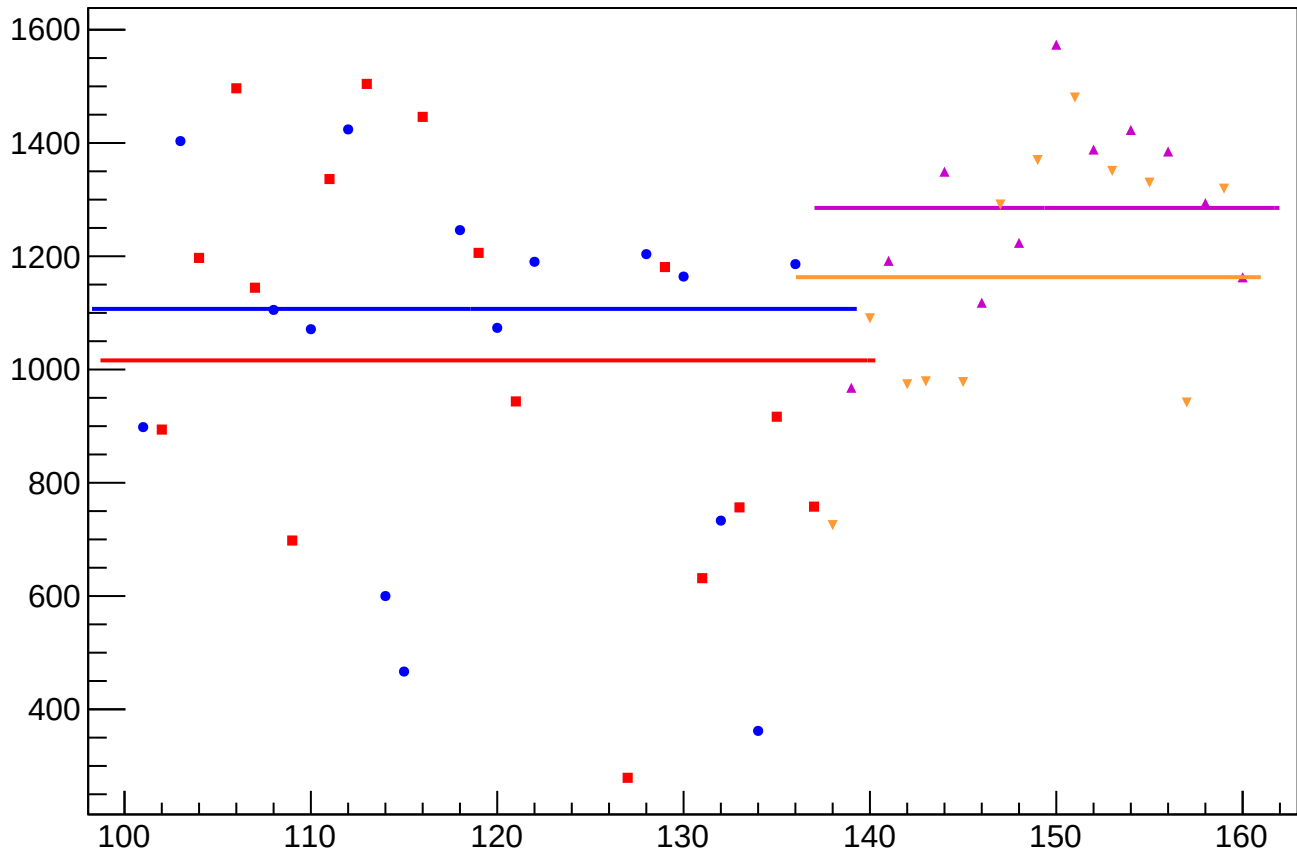
Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

+ sign 1886.776+/-0.000 χ^2/NDF : 92938717057142

All: 1898.980+/-0.000 χ^2/NDF : 15229636648

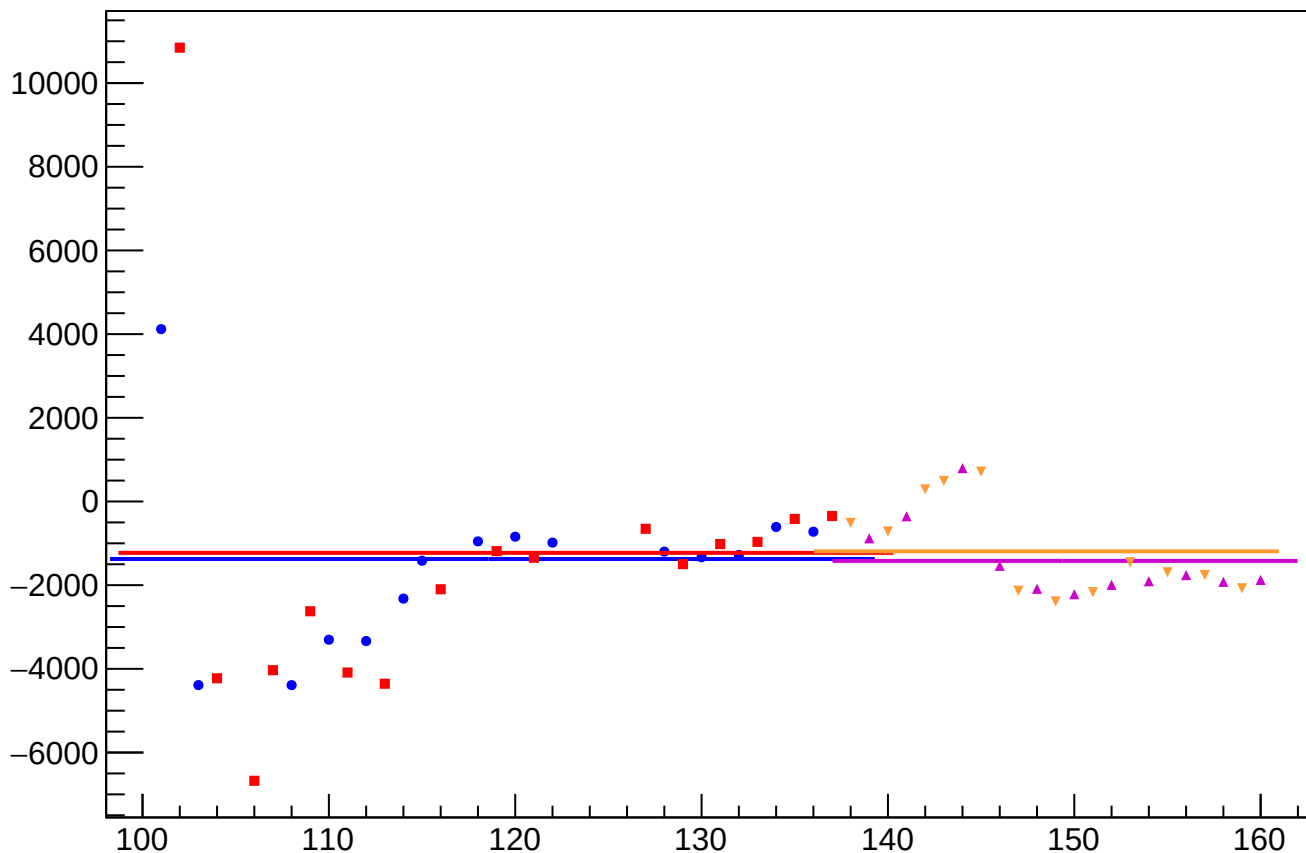
- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 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

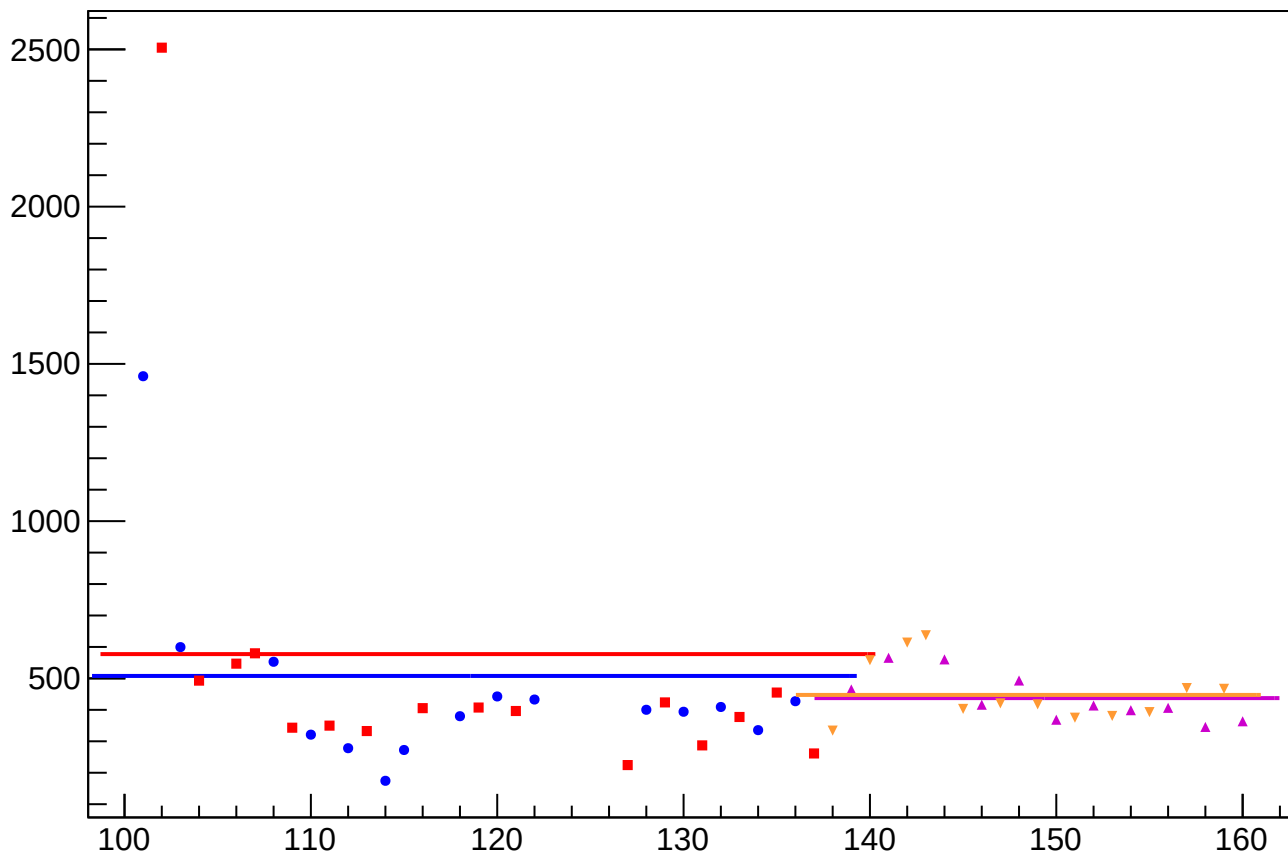
dit_atr1_coil4_mean vs Slug



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

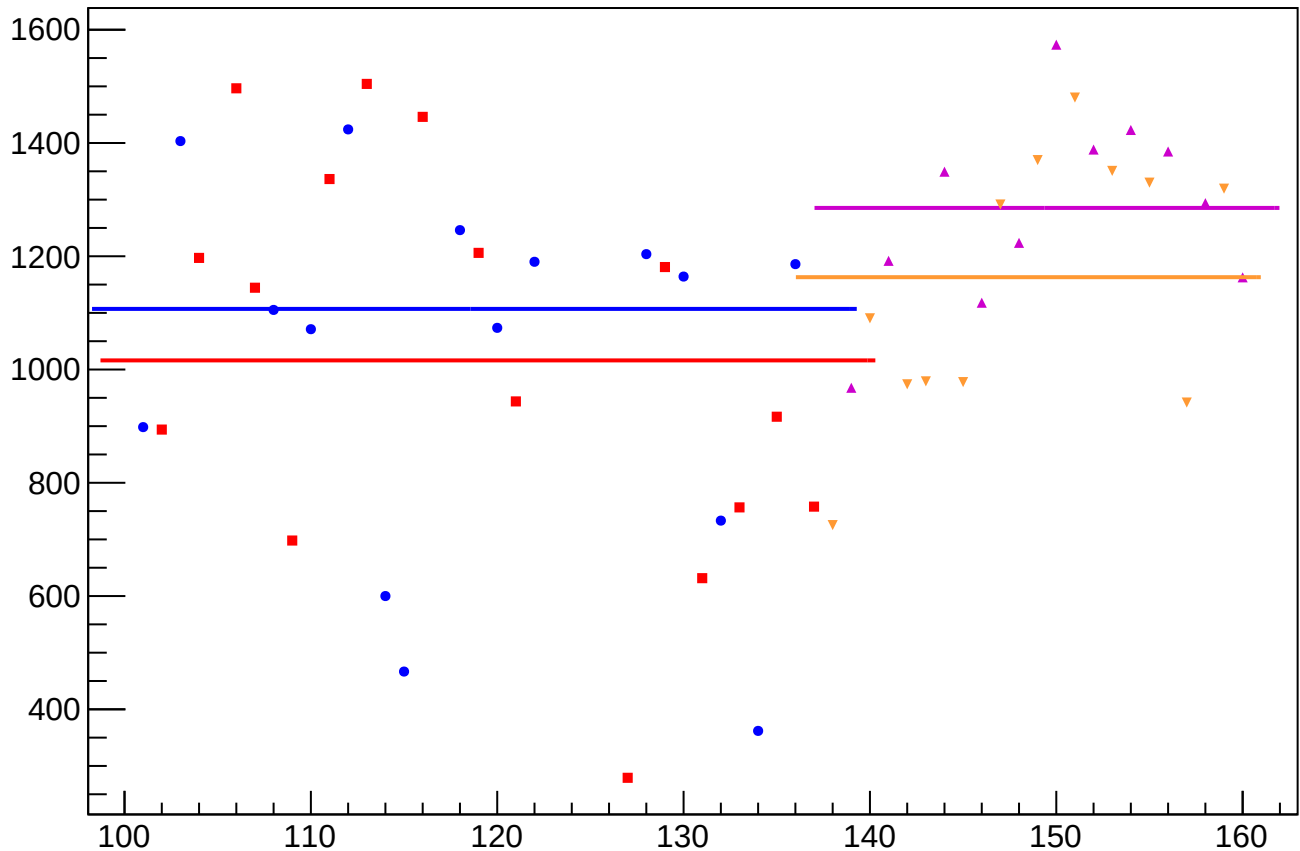
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 472.457+/-0.000 χ^2/NDF : 725941960132600

All: 484.312+/-0.000 χ^2/NDF : 326779825479

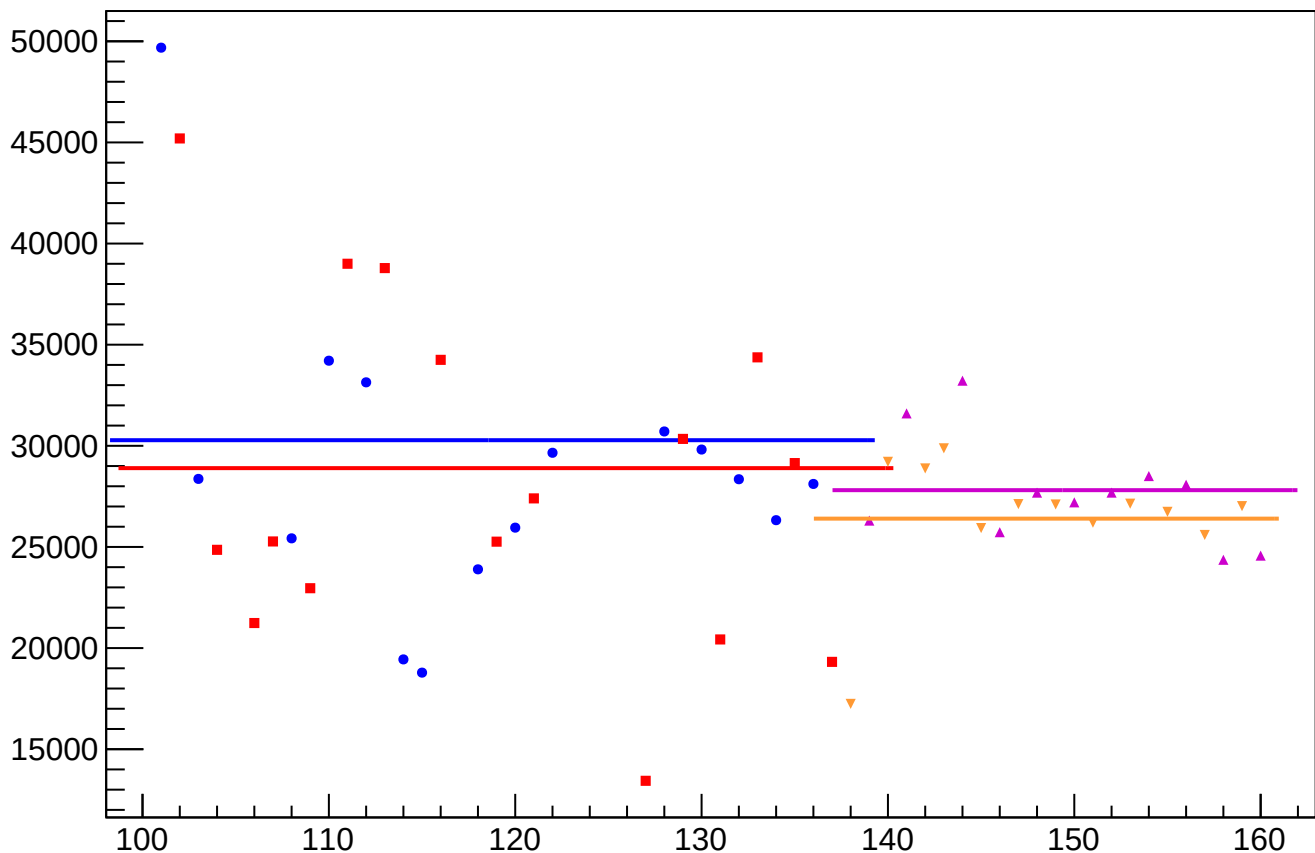
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

dit_atr1_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

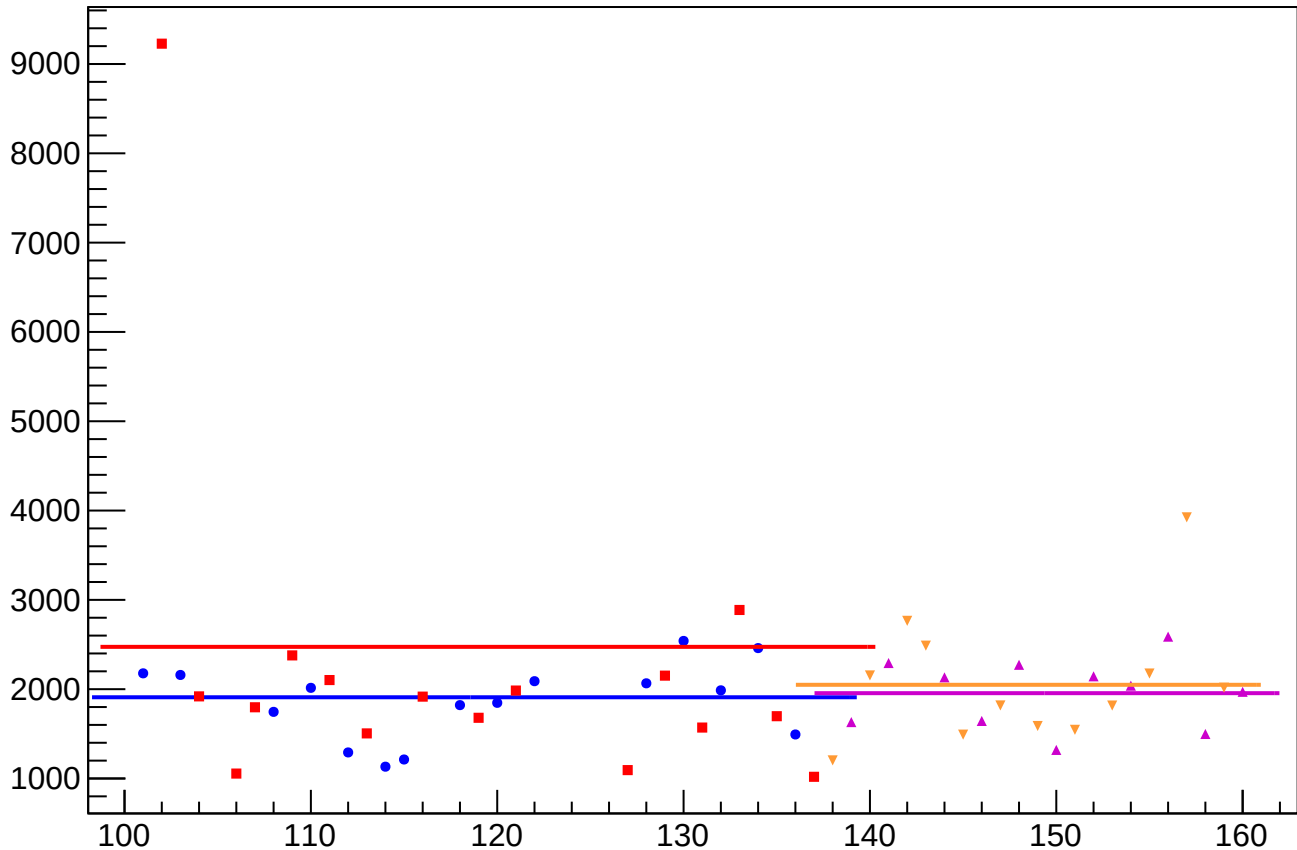
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26400.073+/-0.000	χ^2/NDF : 8523453532066542574243439899008376504320.0/11
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 27807.237+/-0.000	χ^2/NDF : 6193058620219899678835139815803642183680.0/10

+ sign 28007.063+/-0.000 χ^2/NDF : 4521346262671
 All: 28136.456+/-0.000 χ^2/NDF : 9888751156
 - sign 28263.816+/-0.000 χ^2/NDF : 5362202344062

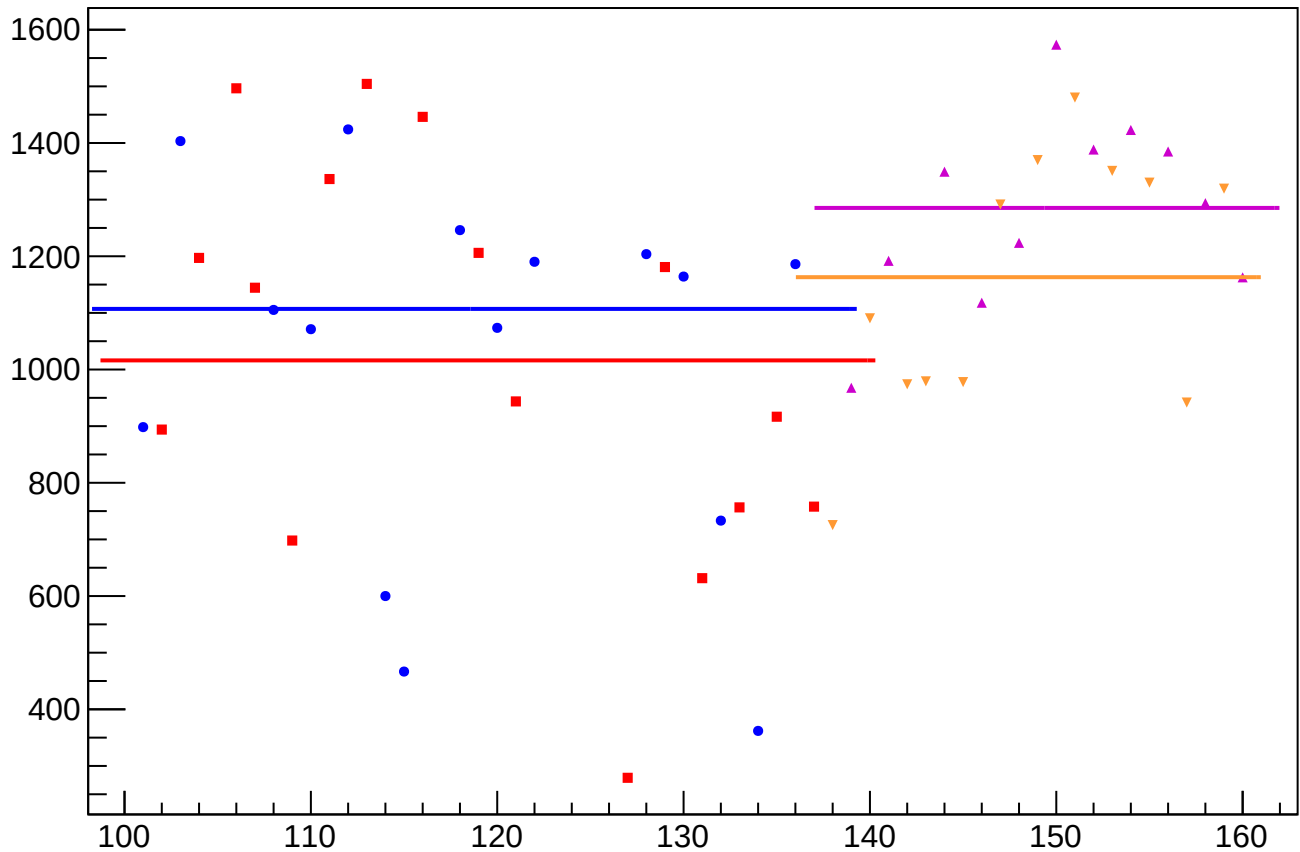
dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2049.063+/-0.000	χ^2/NDF : 443721100999295515672674036348509749248.0/11
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1955.312+/-0.000	χ^2/NDF : 126909052383838166035294082177347616768.0/10

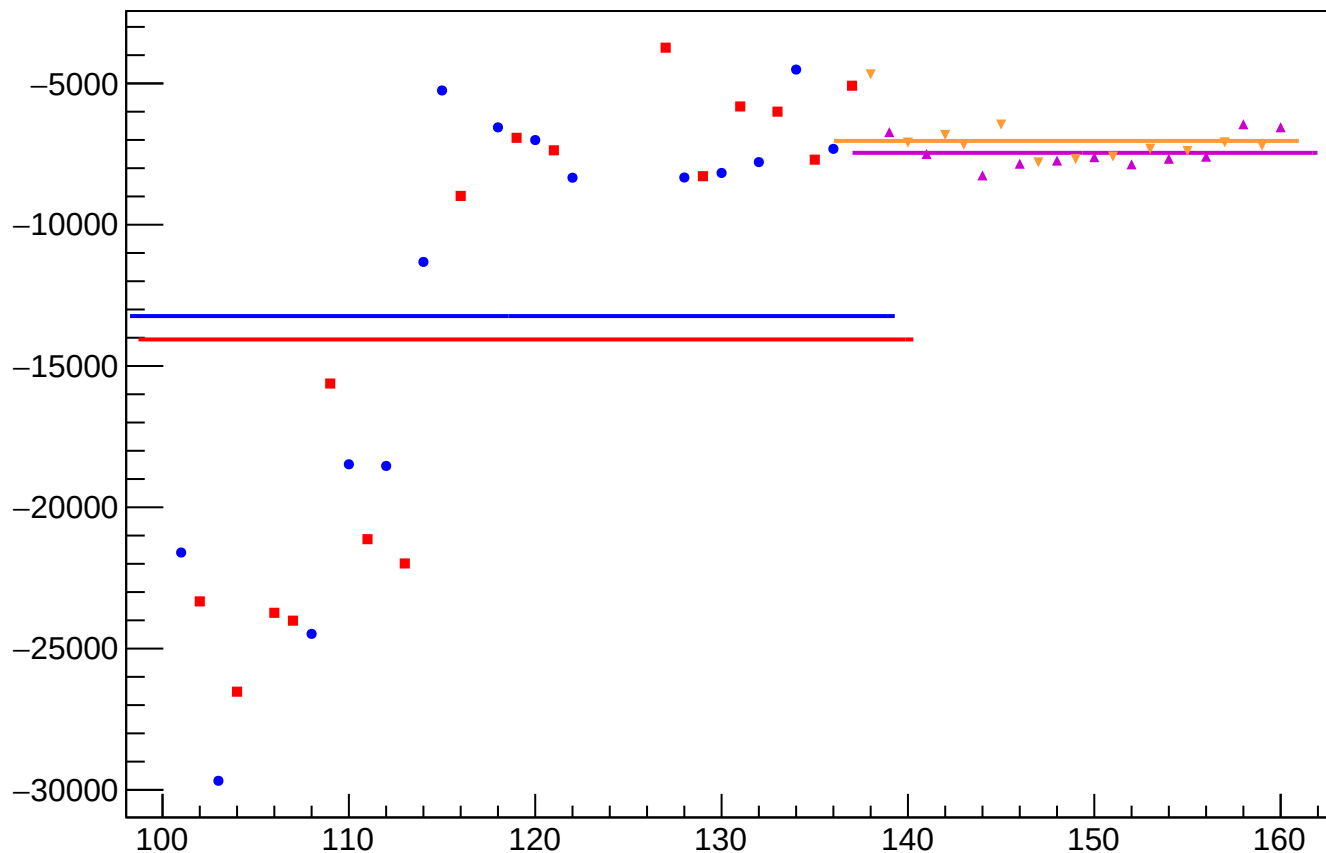
+ sign 1991.196+/-0.000 χ^2/NDF : 53876728825382
 All: 2082.694+/-0.000 χ^2/NDF : 38298070306
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 $\pm$ 0.000 χ^2 /NDF: 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_sam1_coil4_mean vs Slug



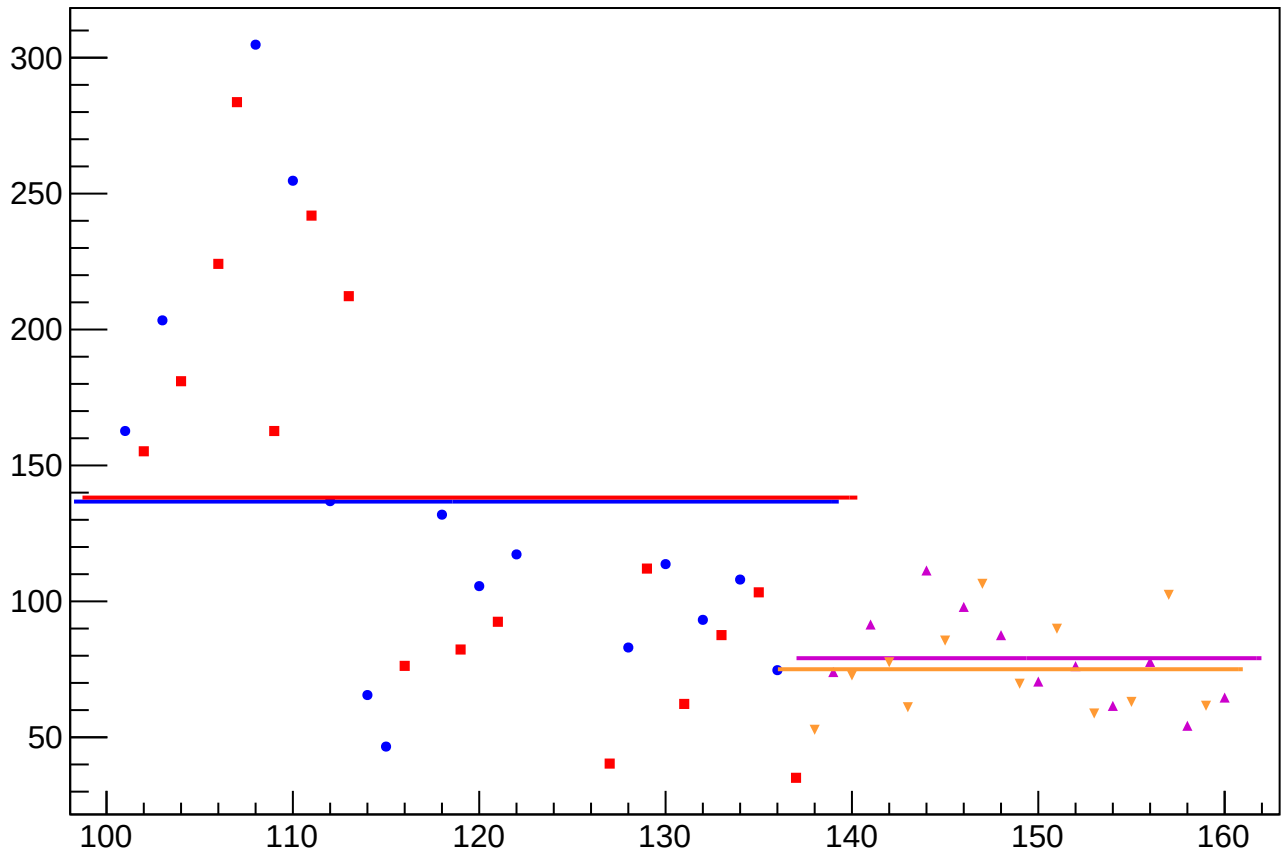
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

Left Out: -7034.420+/-0.000 χ^2/NDF : 586087700252049179265432435380023459840.0/11

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

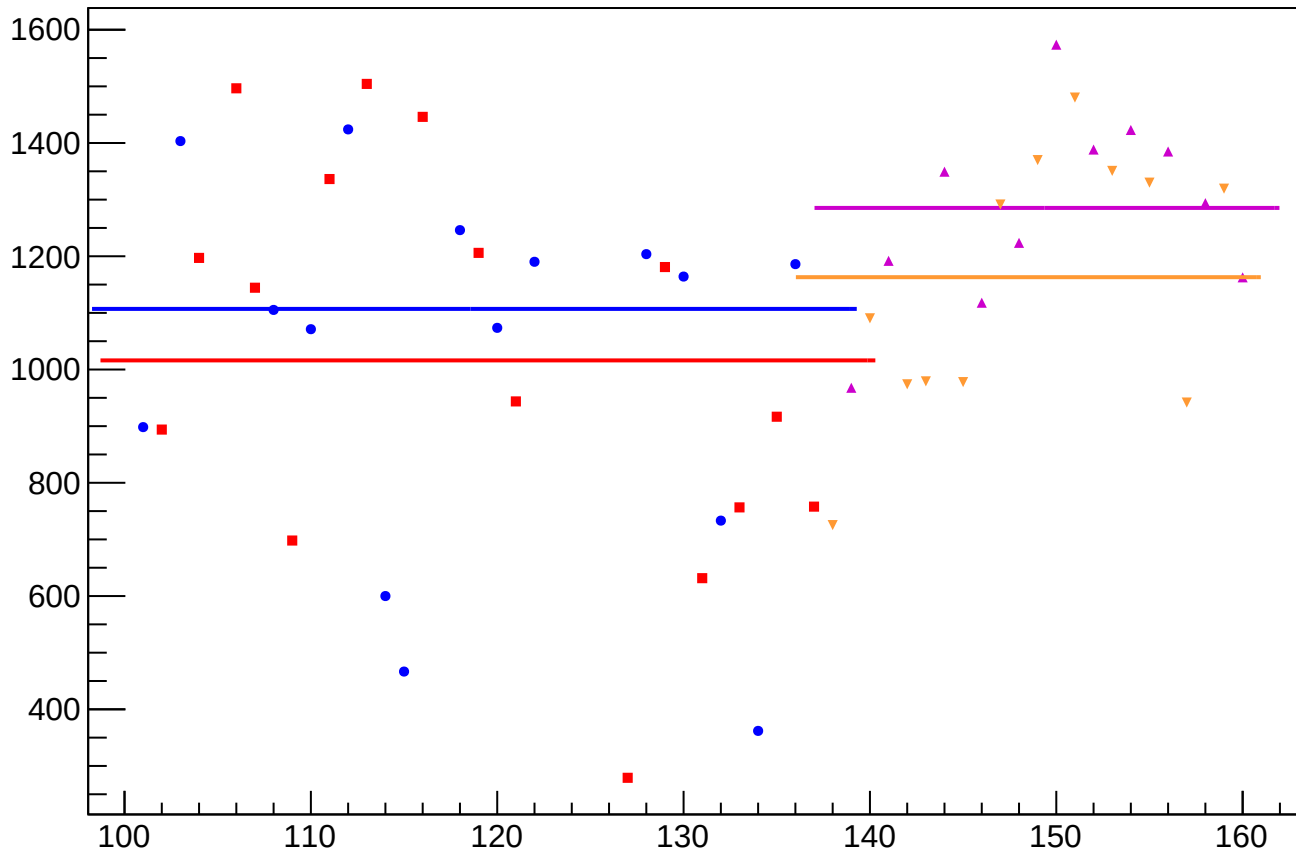
Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14
 Left Out: 75.033 $\pm$ 0.000 χ^2 /NDF: 265697800274954088415608872374370304.0/11
 Right Out: 138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15
 Left In: 79.096 $\pm$ 0.000 χ^2 /NDF: 243975342218114768326270780809674752.0/10

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

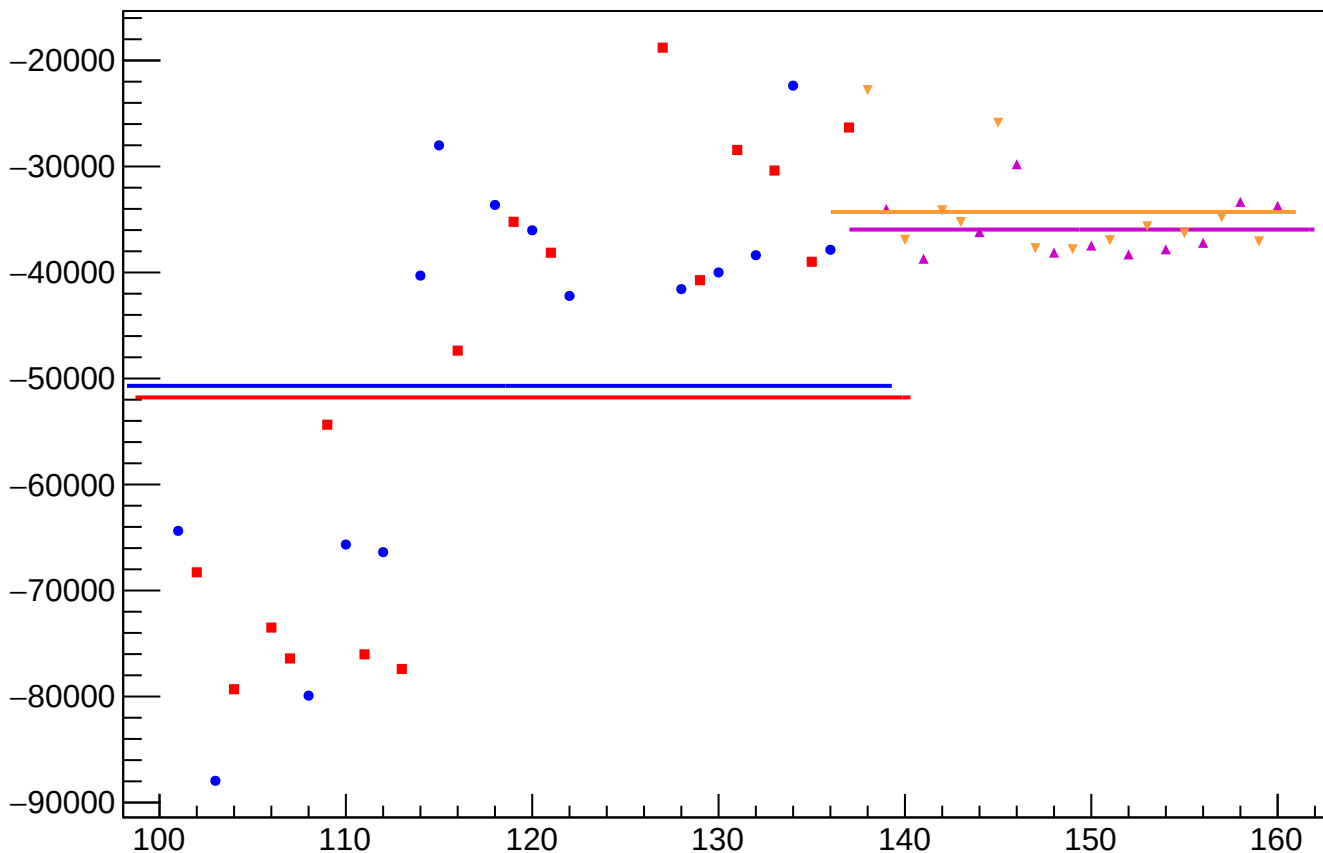
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1139.844+/-0.000 χ^2/NDF : 87570338044863

All: 1156.292+/-0.000 χ^2/NDF : 21306550198

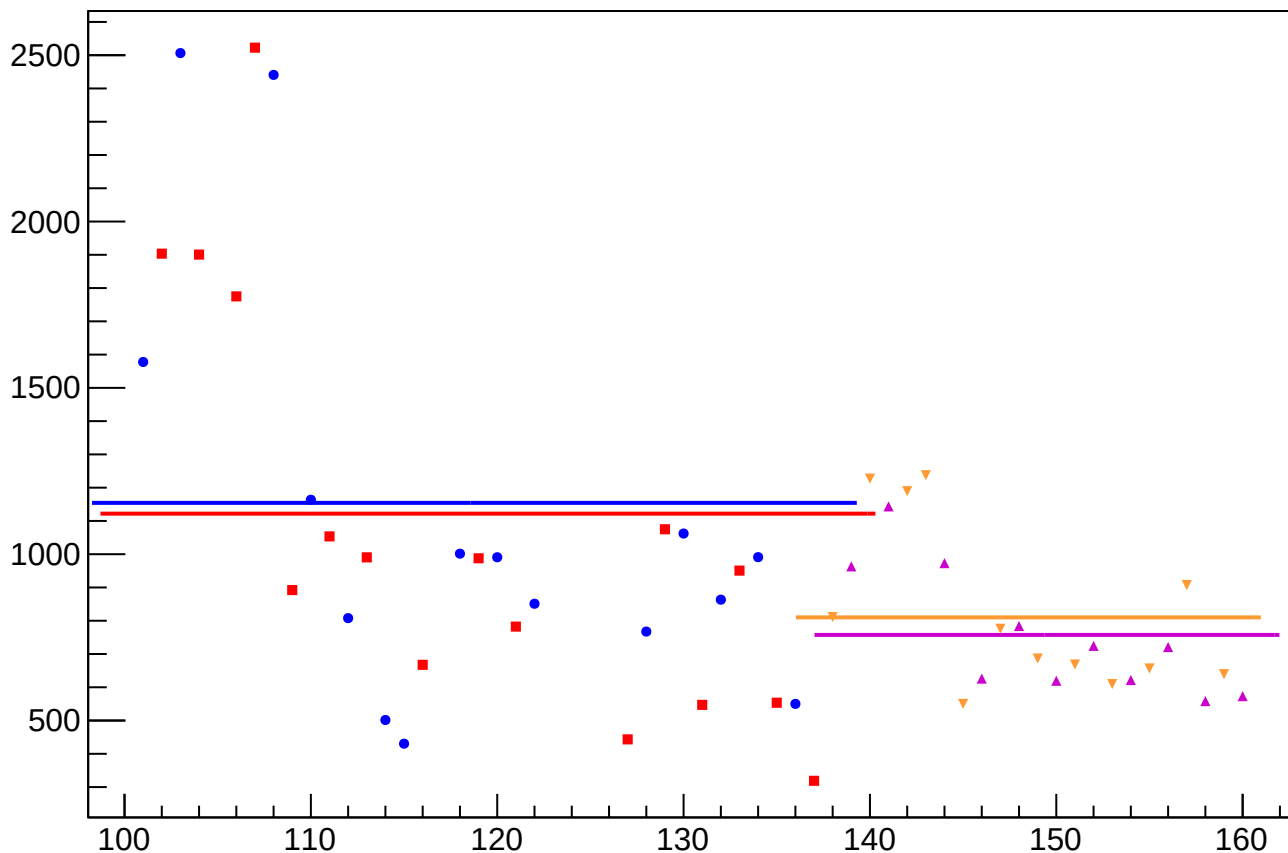
- sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

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

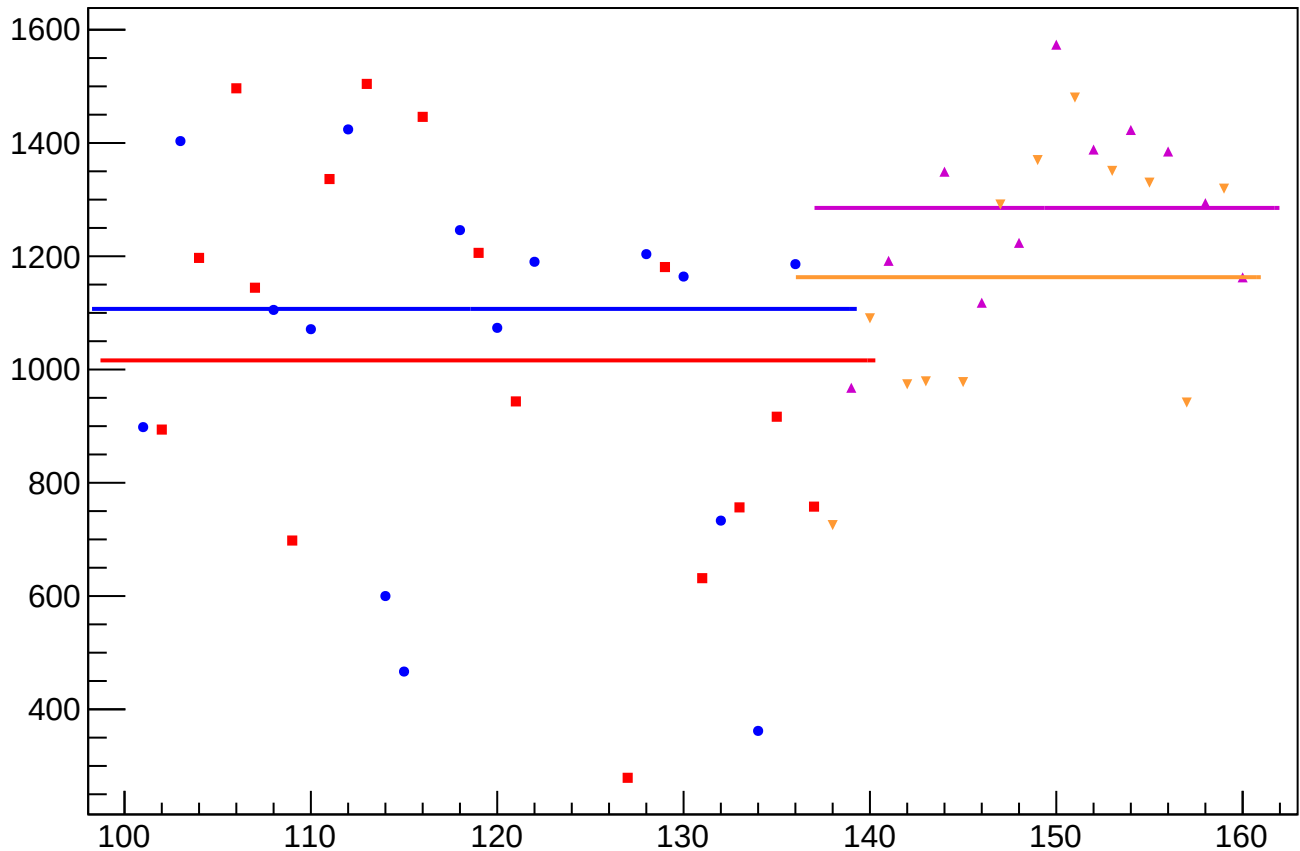
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 952.766+/-0.000 χ^2/NDF : 344202313283542

All: 931.312+/-0.000 χ^2/NDF : 654318684423

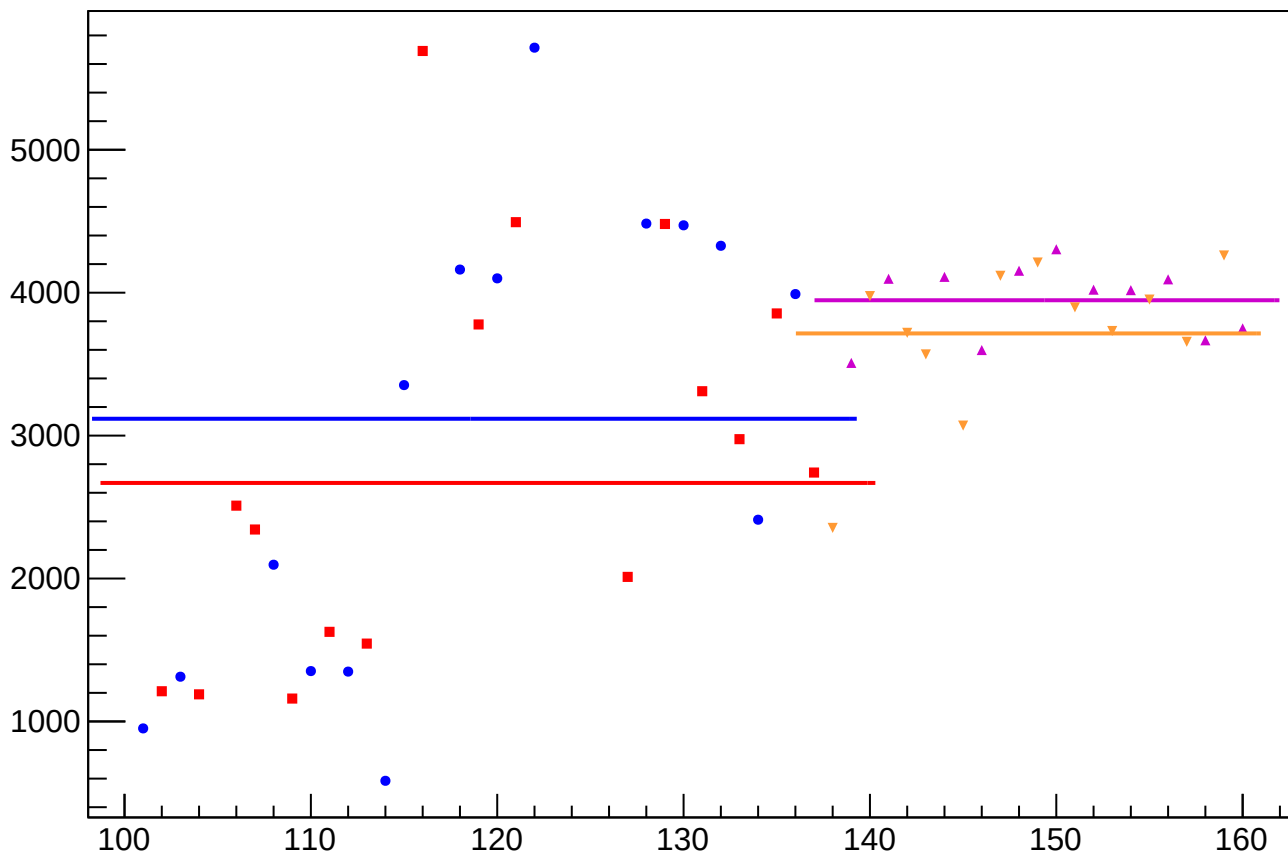
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

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

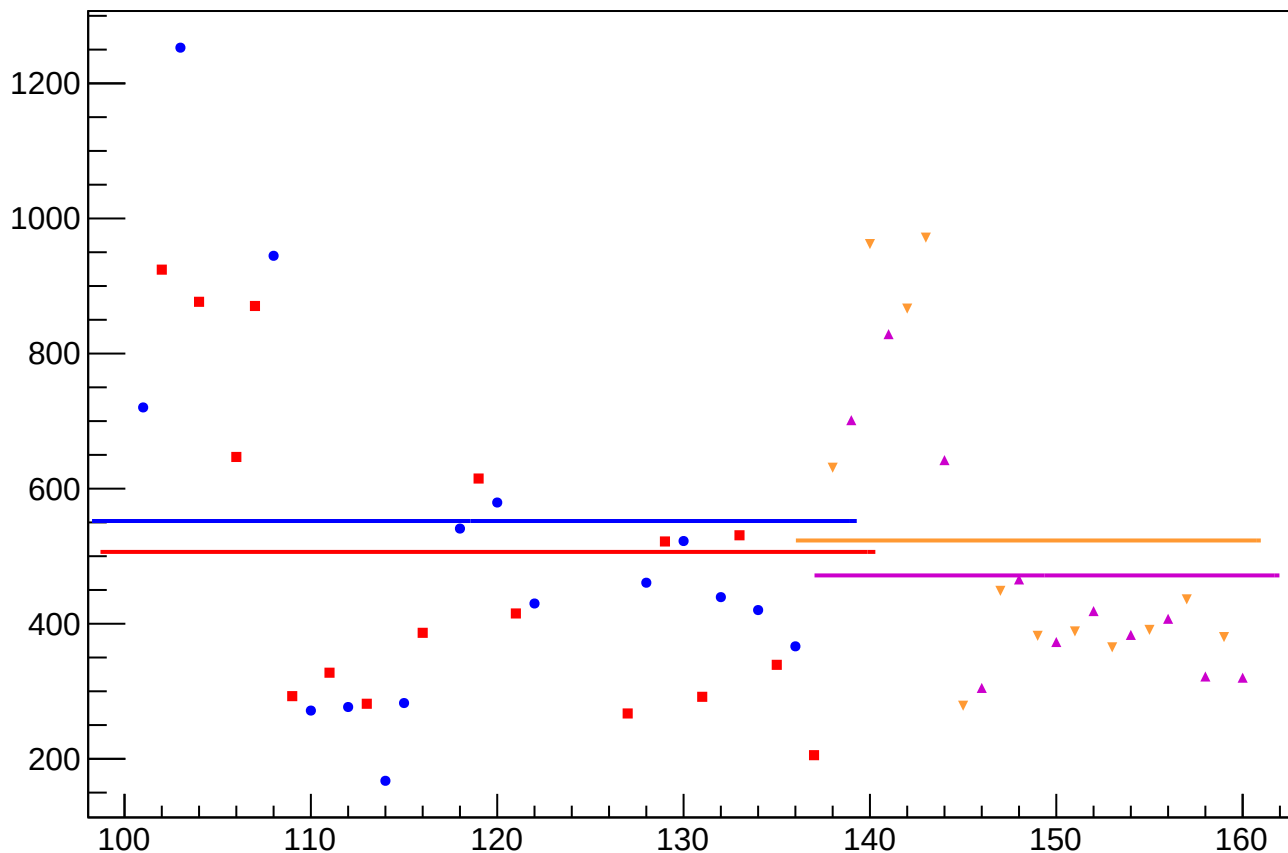
dit_sam3_coil4_mean vs Slug



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

+ sign 3467.491+/-0.000 χ^2/NDF : 19378330855592
 All: 3439.103+/-0.000 χ^2/NDF : 37666438360
 - sign 3411.160+/-0.000 χ^2/NDF : 18263065086829

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 523.267+/-0.000 χ^2/NDF : 49702866244992097410386834059494948864.0/11

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

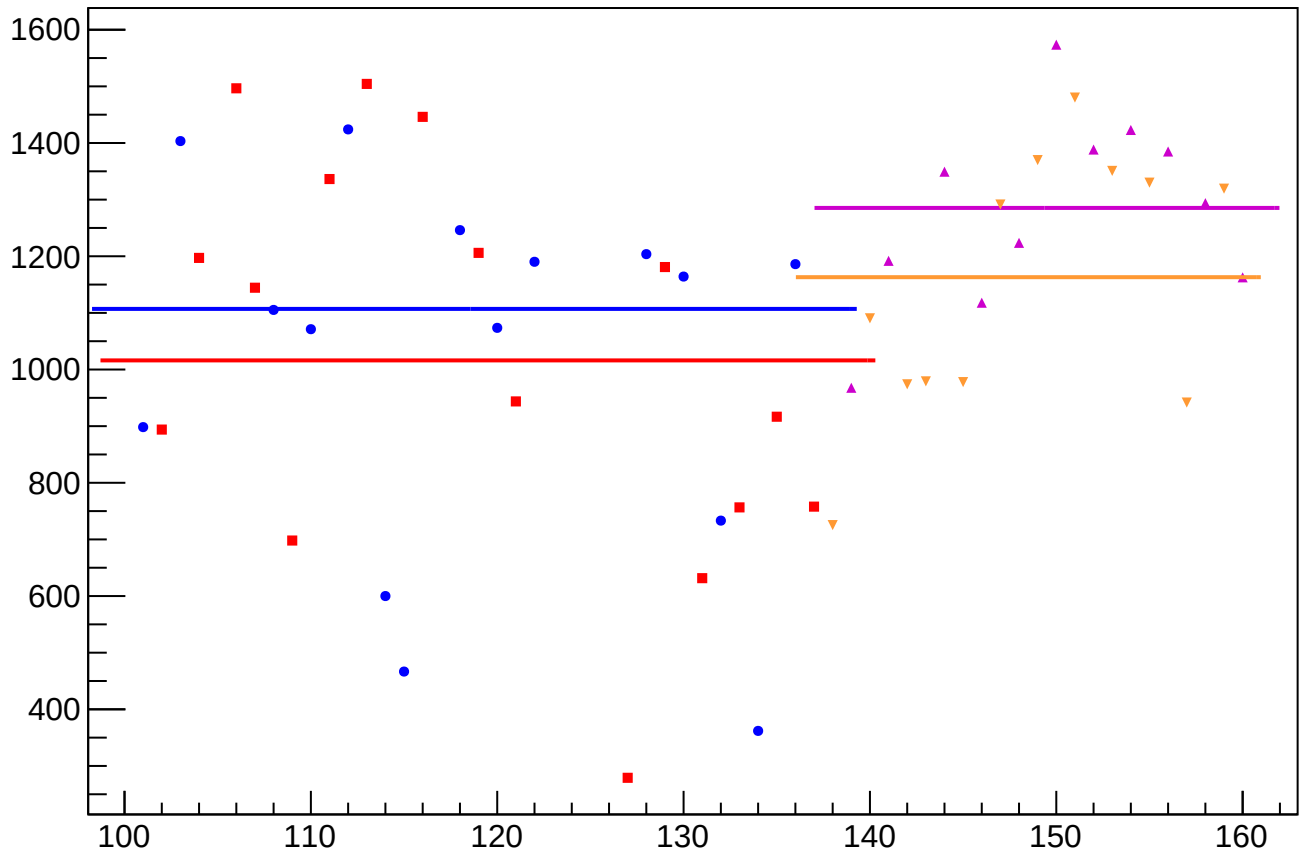
Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

+ sign 535.220+/-0.000 χ^2/NDF : 100758027166631

All: 510.481+/-0.000 χ^2/NDF : 165991542524

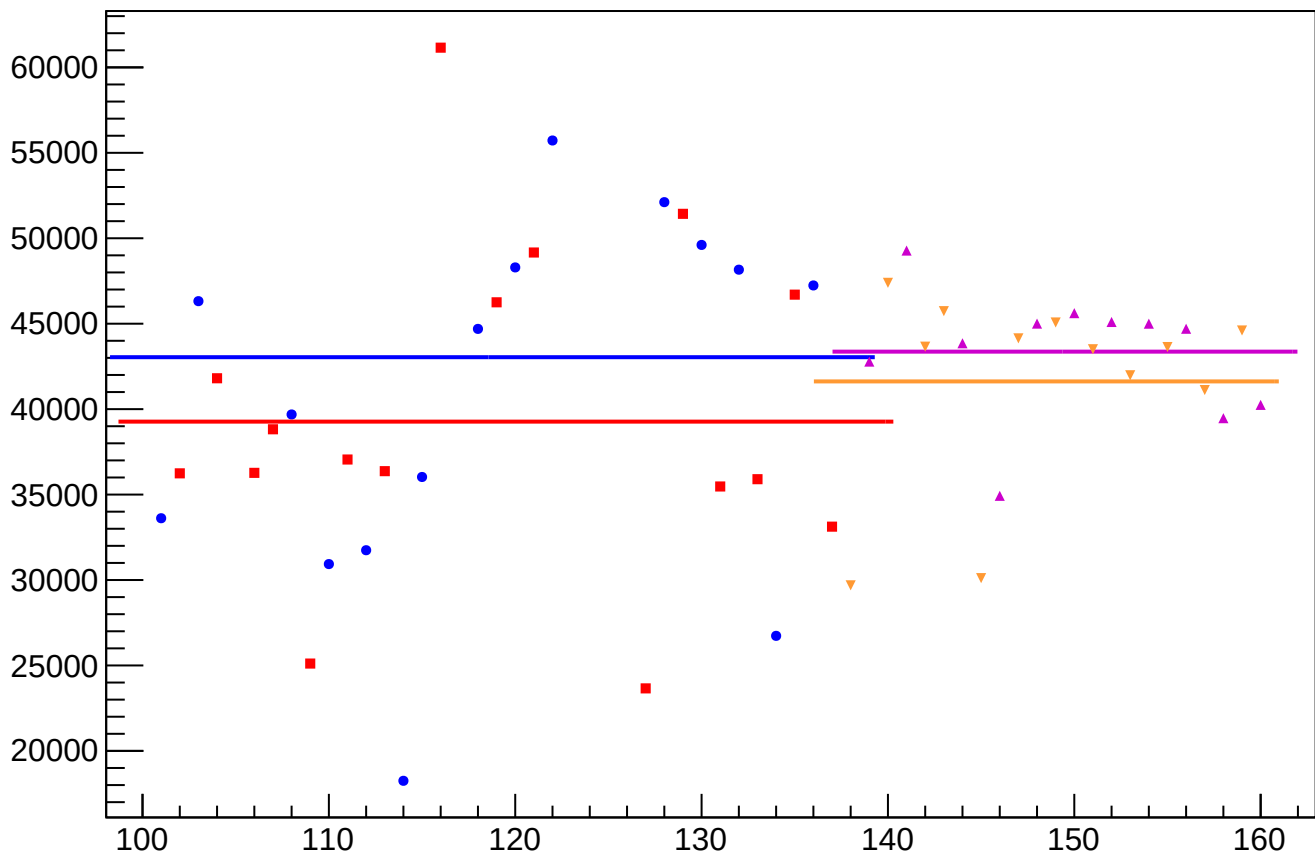
- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1156.292+/-0.000 χ^2/NDF : 21306550198
 + sign 1139.844+/-0.000 χ^2/NDF : 87570338044863
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

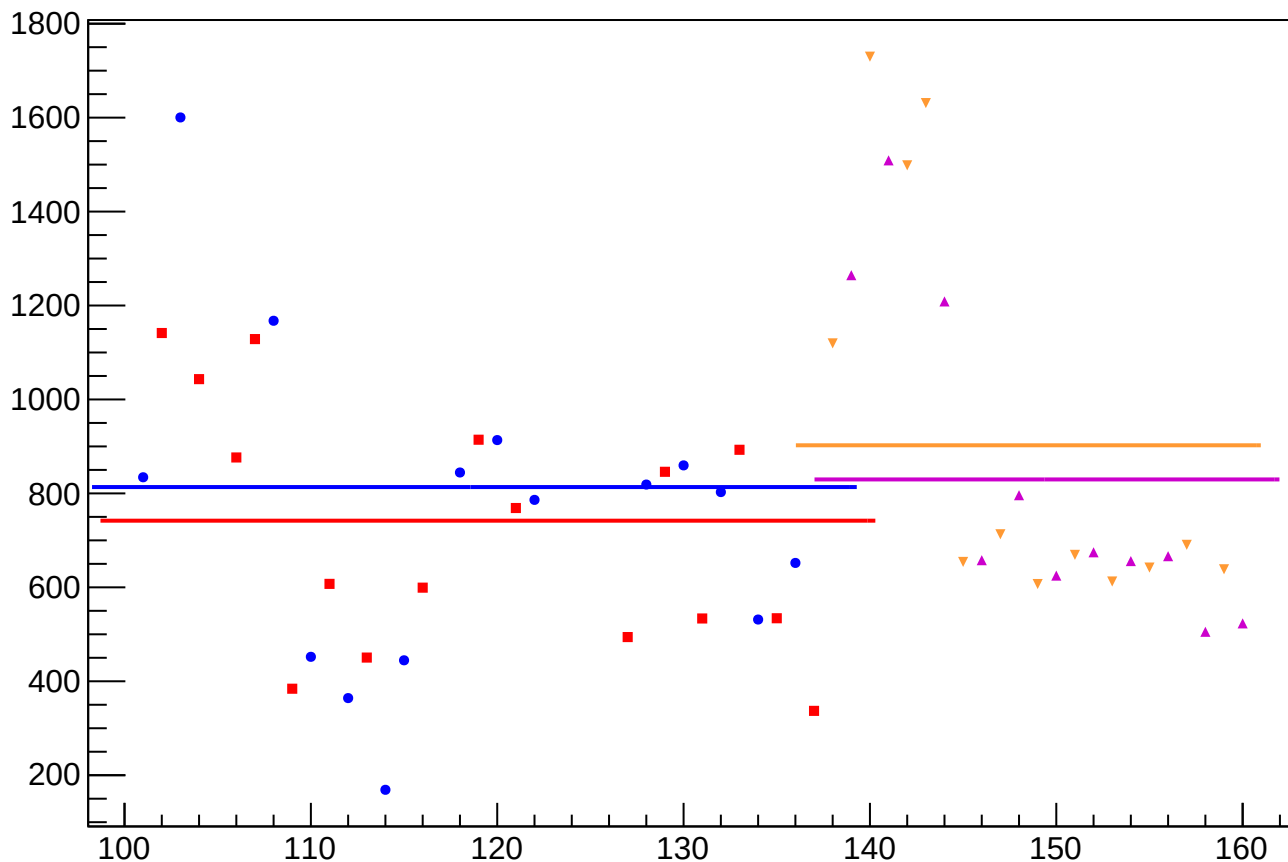
dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41622.622+/-0.000	χ^2/NDF : 28728414397722339003377552504288532496384.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42209.998+/-0.000 χ^2/NDF : 7788886231036
 All: 41926.784+/-0.000 χ^2/NDF : 1487175221
 - sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 902.421 $\pm$ 0.000 χ^2 /NDF: 152718326074036425760692281422815166464.0/11

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

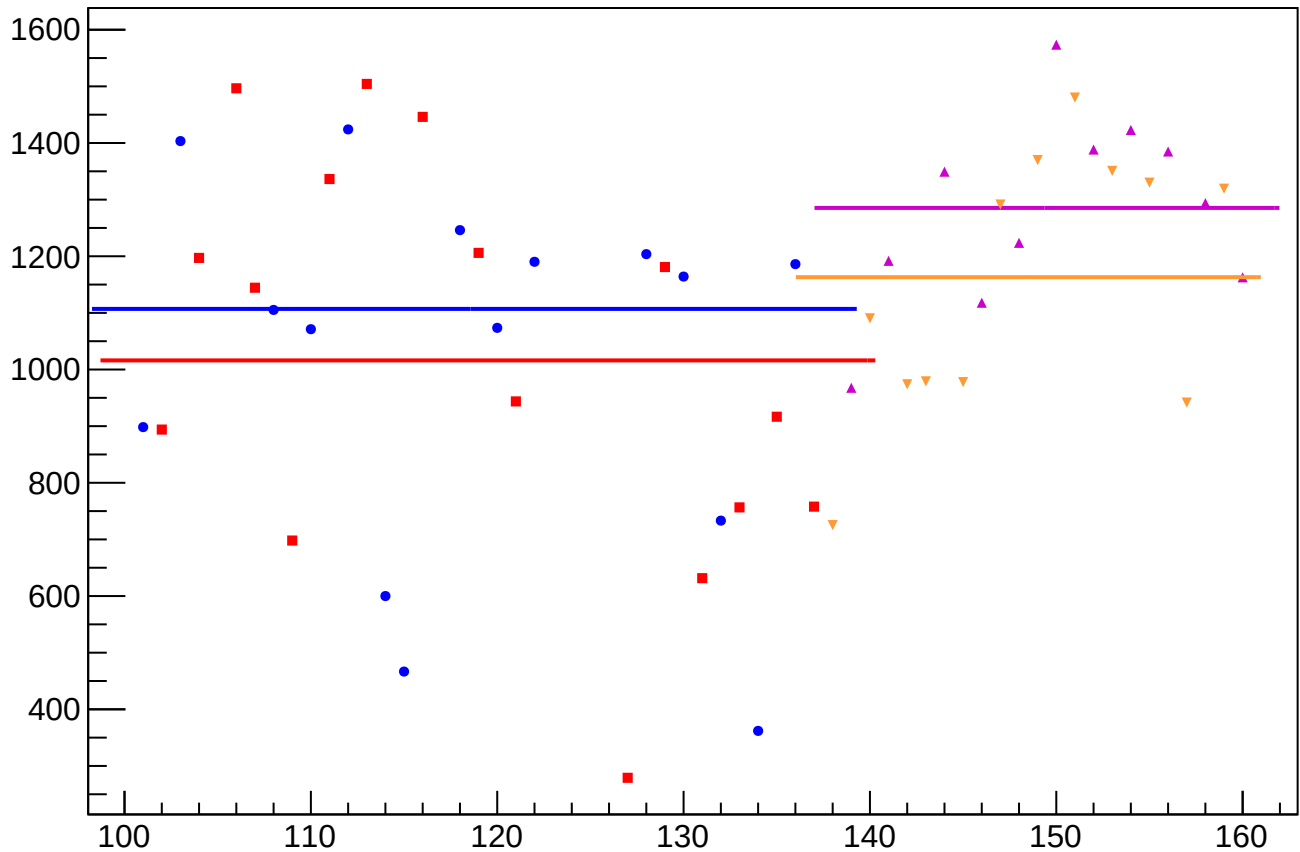
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

+ sign 865.569 $\pm$ 0.000 χ^2 /NDF: 222844128220423

All: 828.949 $\pm$ 0.000 χ^2 /NDF: 37014966283

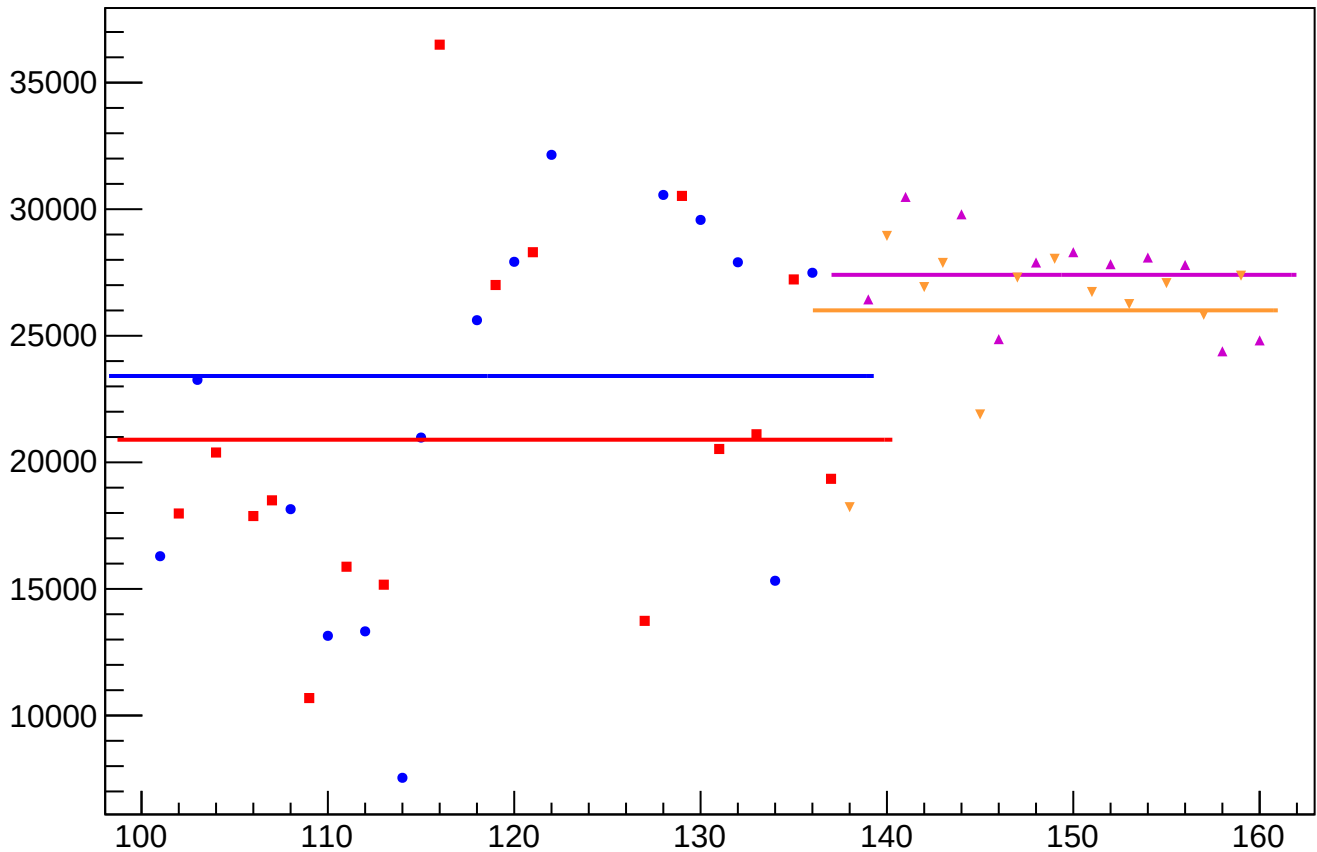
- sign 792.905 $\pm$ 0.000 χ^2 /NDF: 143138450835251

dit_sam4_coil4_Ndata_mean vs Slug



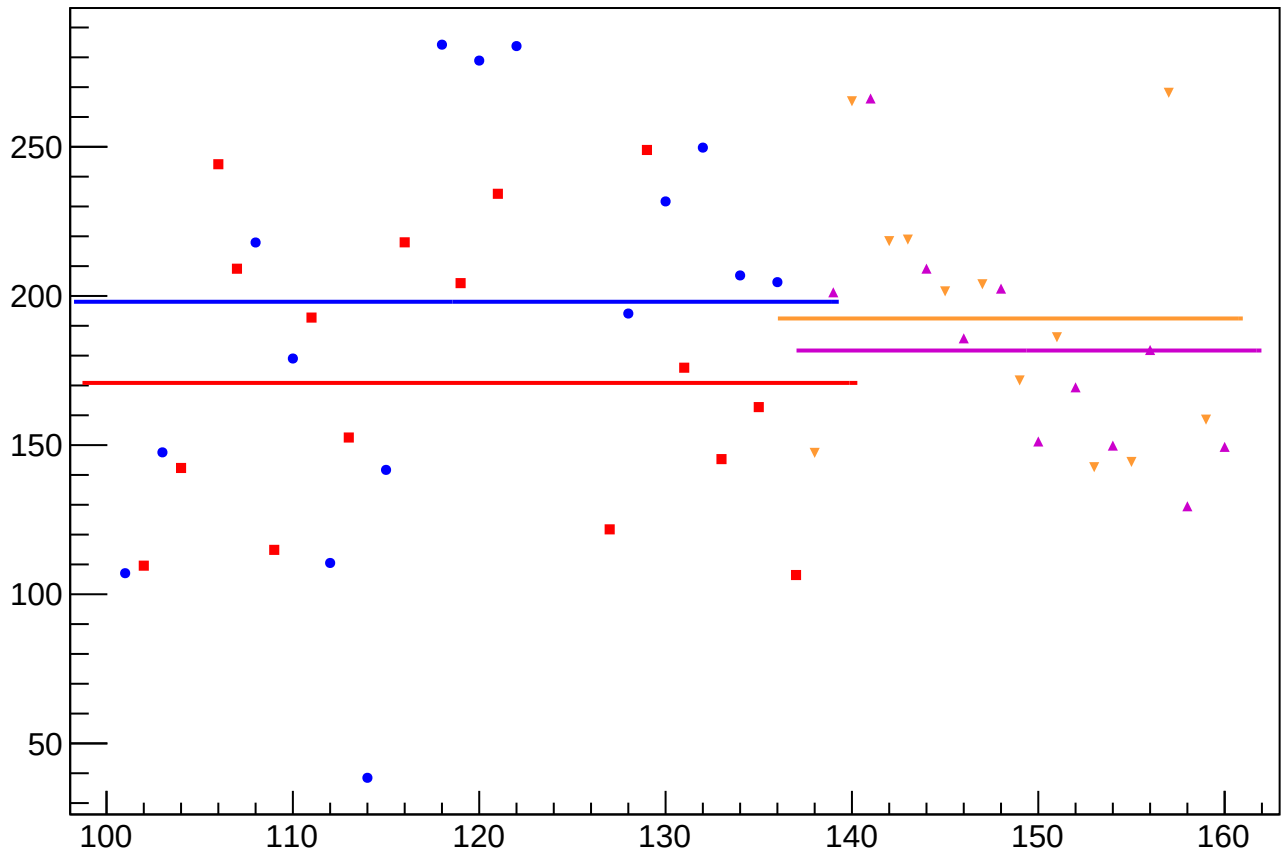
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1156.292+/-0.000 χ^2/NDF : 21306550198
 + sign 1139.844+/-0.000 χ^2/NDF : 87570338044863
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_sam5_coil4_mean vs Slug



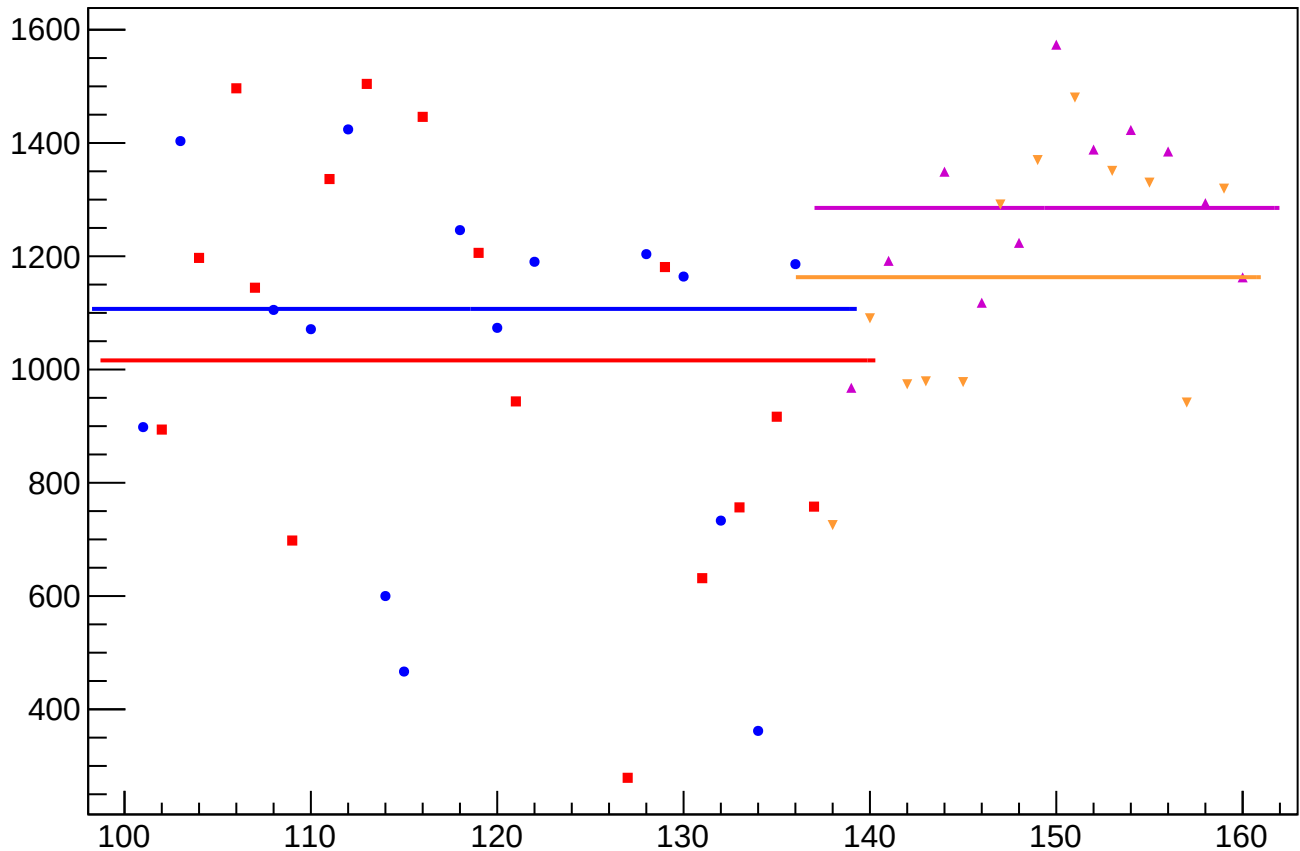
Right In: 23411.506+/-0.000 χ^2/NDF : 28427457471780319352885746571315708428288.0/14
 Left Out: 26004.082+/-0.000 χ^2/NDF : 7839626408572155503333833682521065259008.0/11
 Right Out: 20894.122+/-0.000 χ^2/NDF : 27408965804578649107002909409987218374656.0/15
 Left In: 27407.255+/-0.000 χ^2/NDF : 3322659858866093858426557456838465421312.0/10

dit_sam5_coil4_err_mean vs Slug



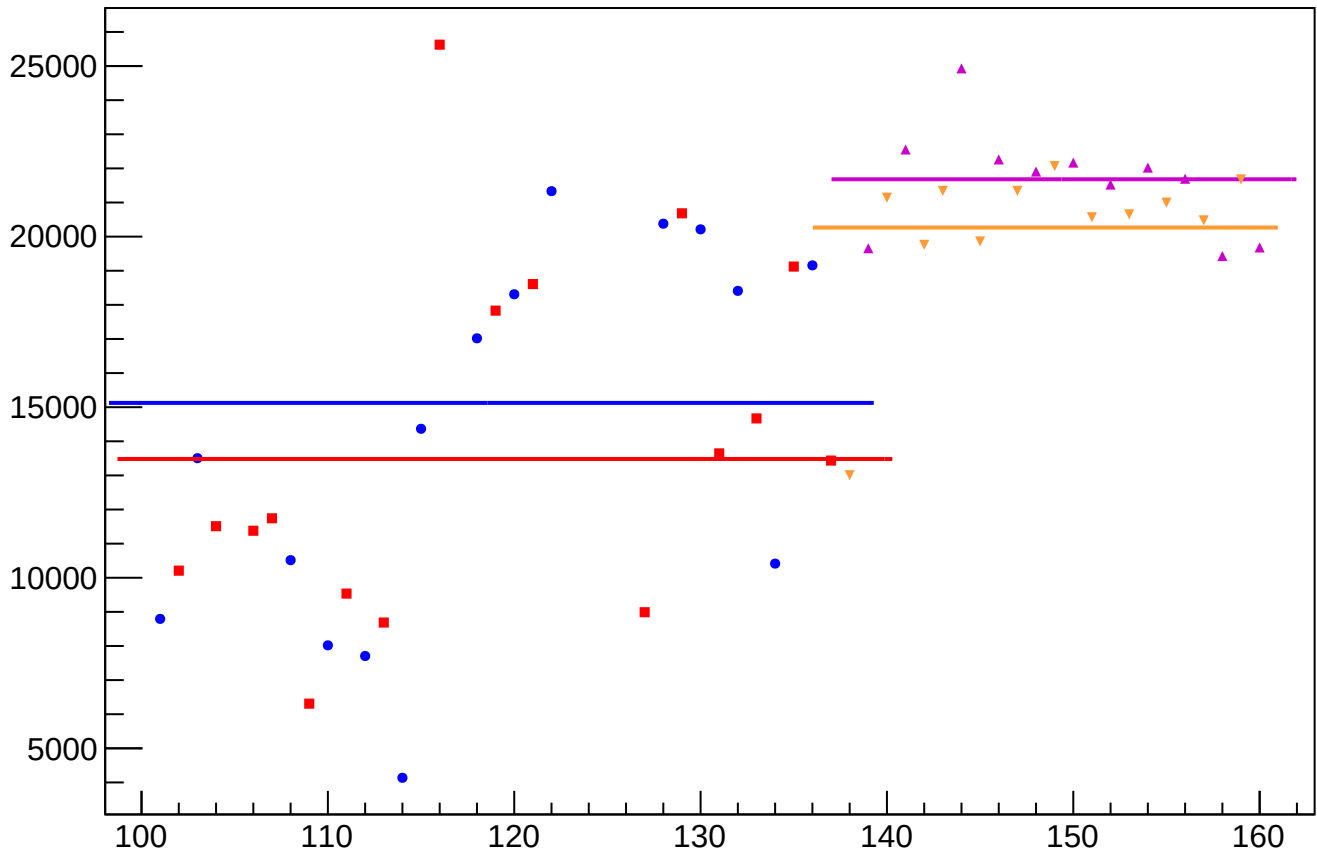
Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14
 Left Out: 192.452+/-0.000 χ^2/NDF : 1667687947841400069416399021327515648.0/11
 Right Out: 170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15
 Left In: 181.711+/-0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

dit_sam5_coil4_Ndata_mean vs Slug



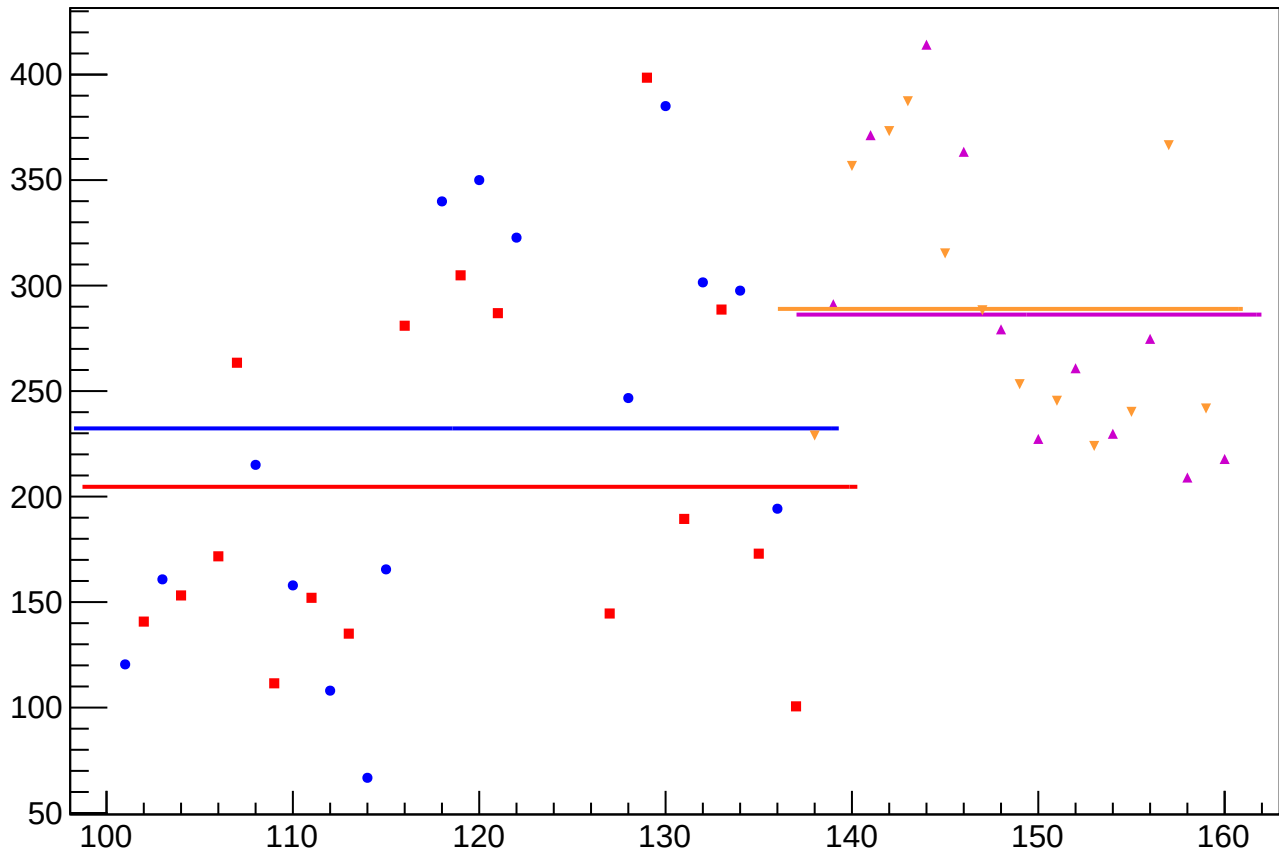
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 ± 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 ± 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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



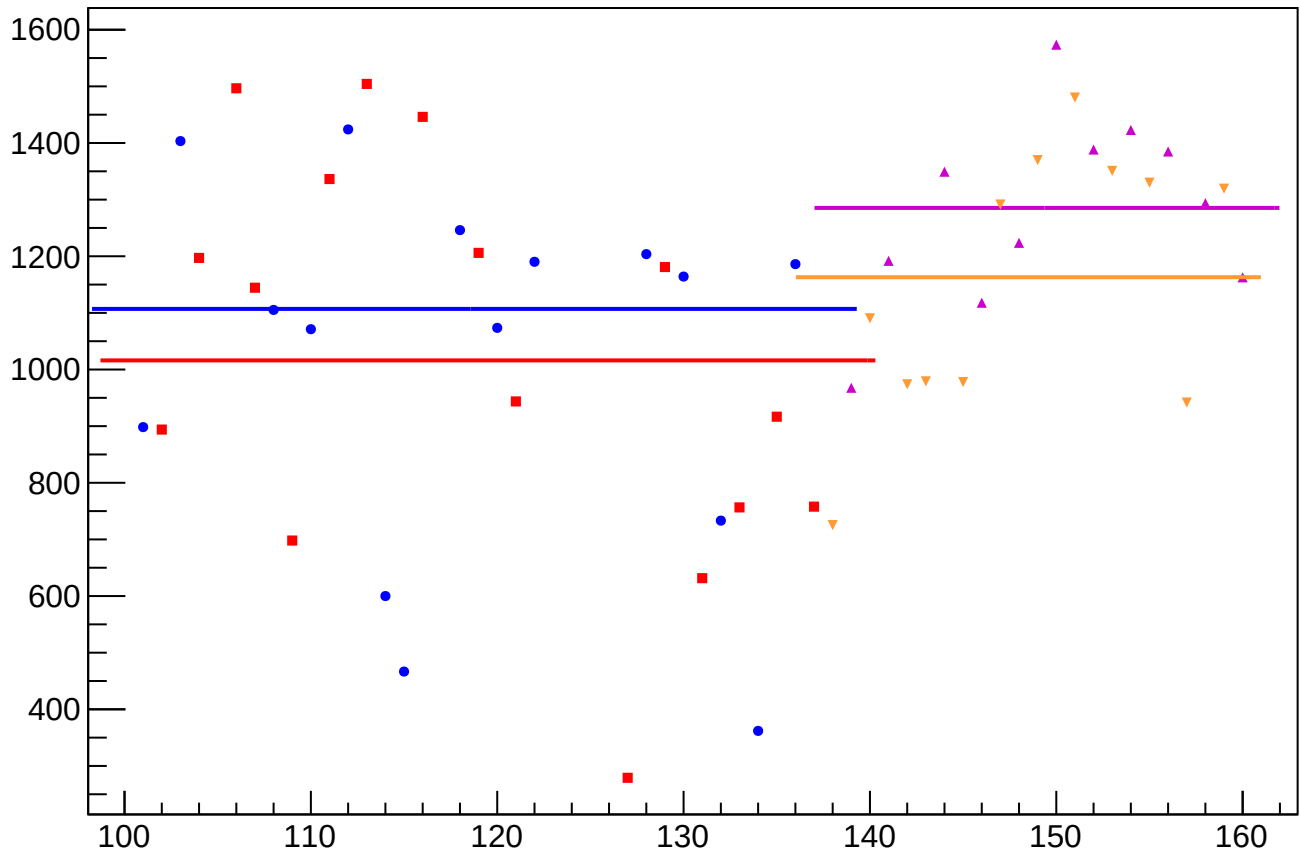
Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 20266.540+/-0.000 χ^2/NDF : 4863660224752470739172242695454111825920.0/11
 Right Out: 13482.244+/-0.000 χ^2/NDF : 159104264754078252502248749810022088704.0/15
 Left In: 21681.241+/-0.000 χ^2/NDF : 2108874573649202621711530332866310307840.0/10

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14	+ sign 265.477+/-0.000	χ^2/NDF : 984130462925206
Left Out: 288.949+/-0.000	χ^2/NDF : 3144080021405635930356092886432350208.0/11	All: 258.702+/-0.000	χ^2/NDF : 21186037696
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15	- sign 252.033+/-0.000	χ^2/NDF : 112020972383493
Left In: 286.246+/-0.000	χ^2/NDF : 4067110443230234744644750983181631488.0/10		

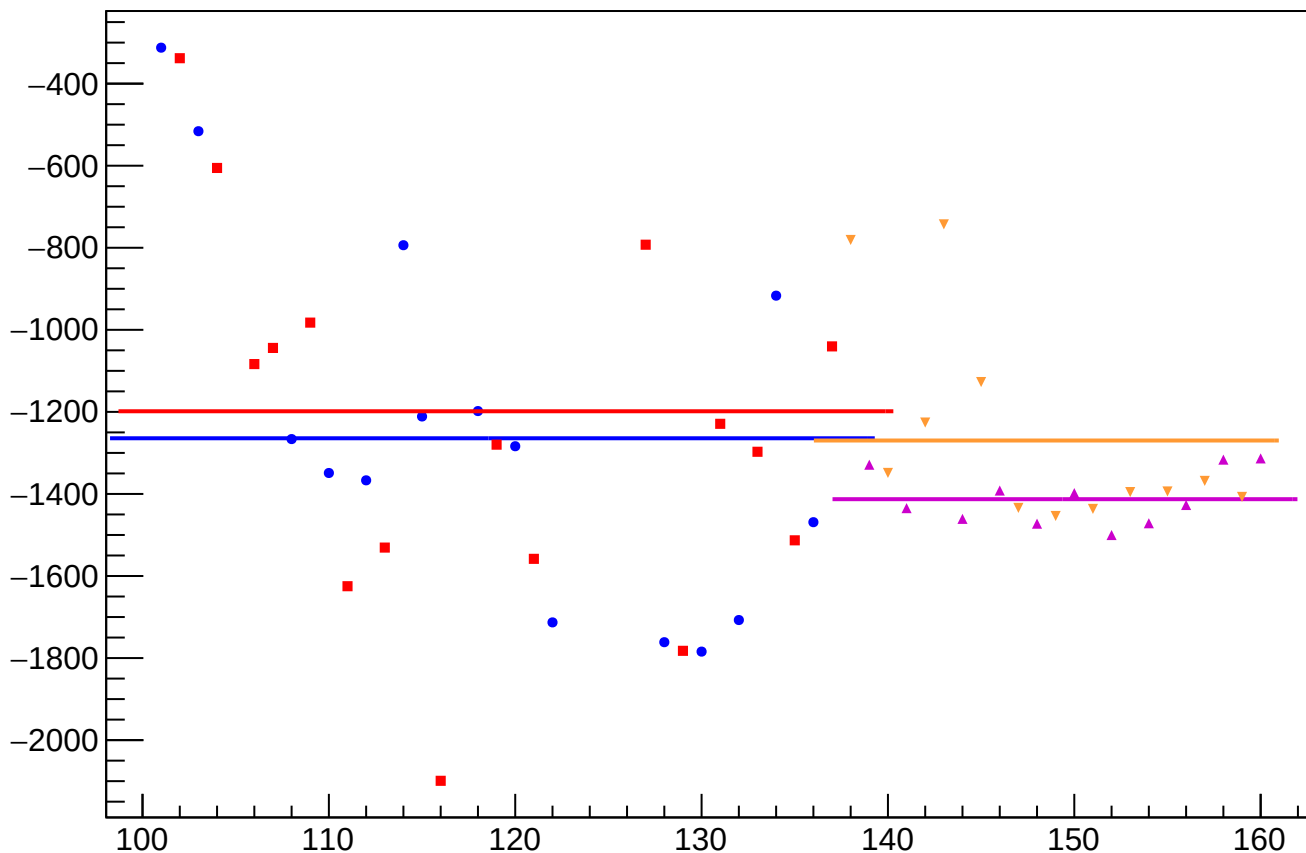
dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

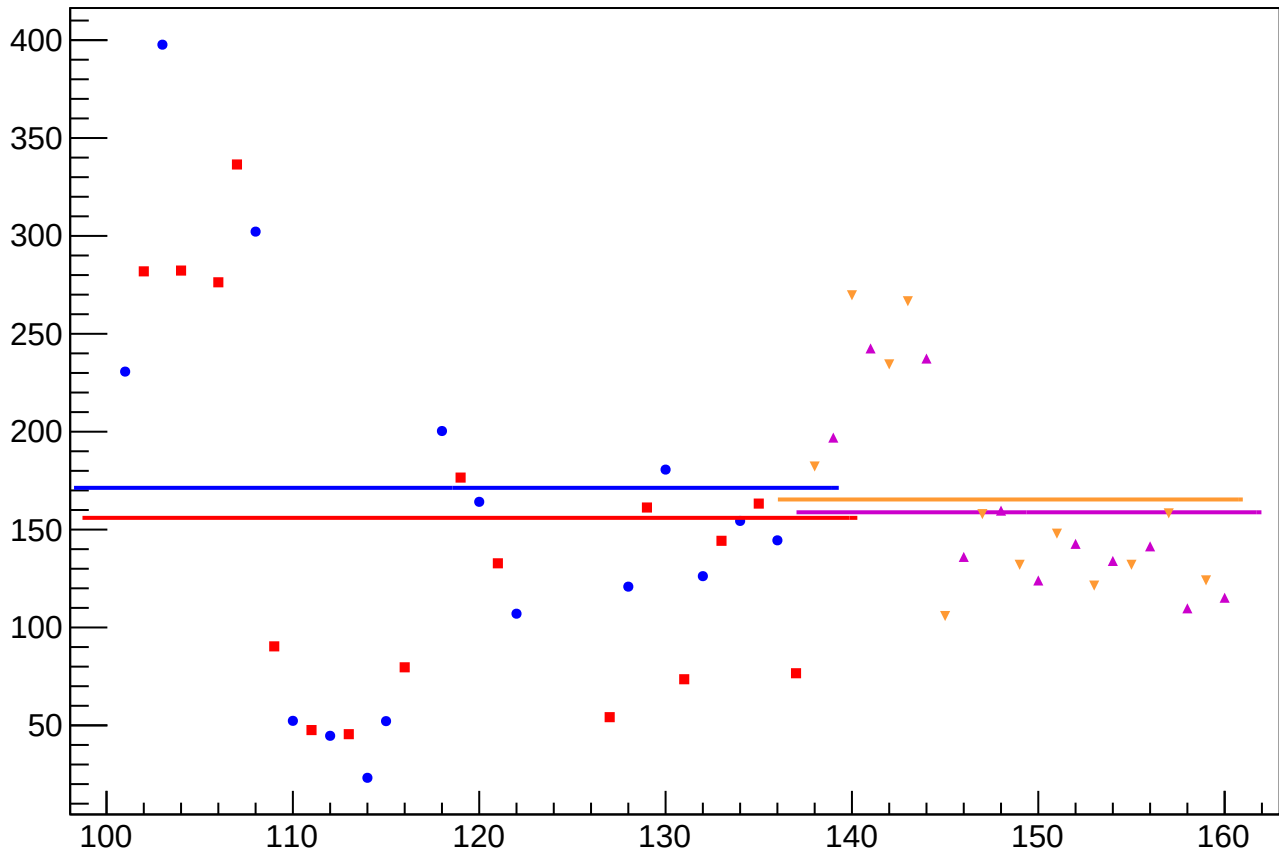
All: 1156.292 +/- 0.000 χ^2/NDF : 21306550198
 + sign 1139.844 +/- 0.000 χ^2/NDF : 87570338044863
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam7_coil4_mean vs Slug



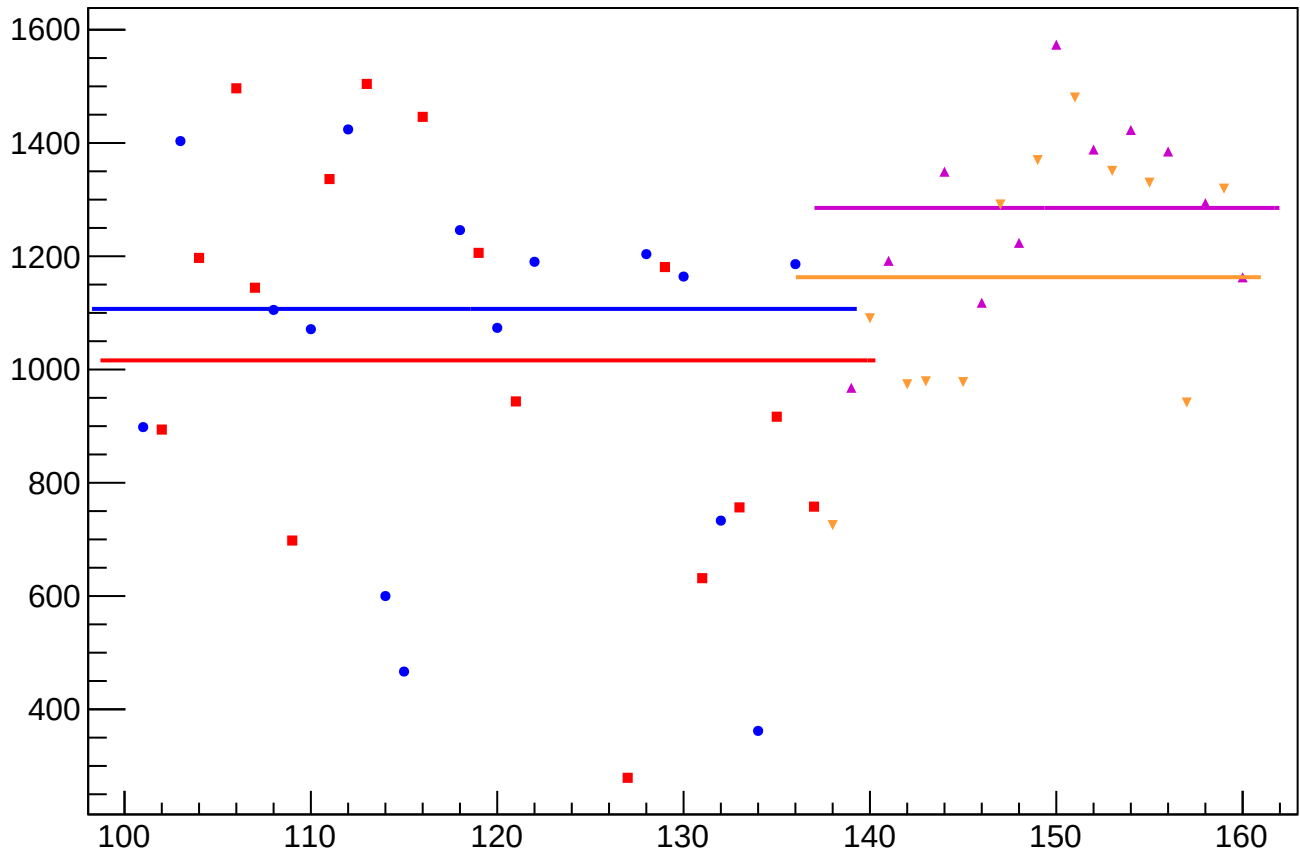
Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1269.744 ± 0.000 χ^2/NDF : 51411109749220710488956261055634341888.0/11
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771 ± 0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10

dit_sam7_coil4_err_mean vs Slug



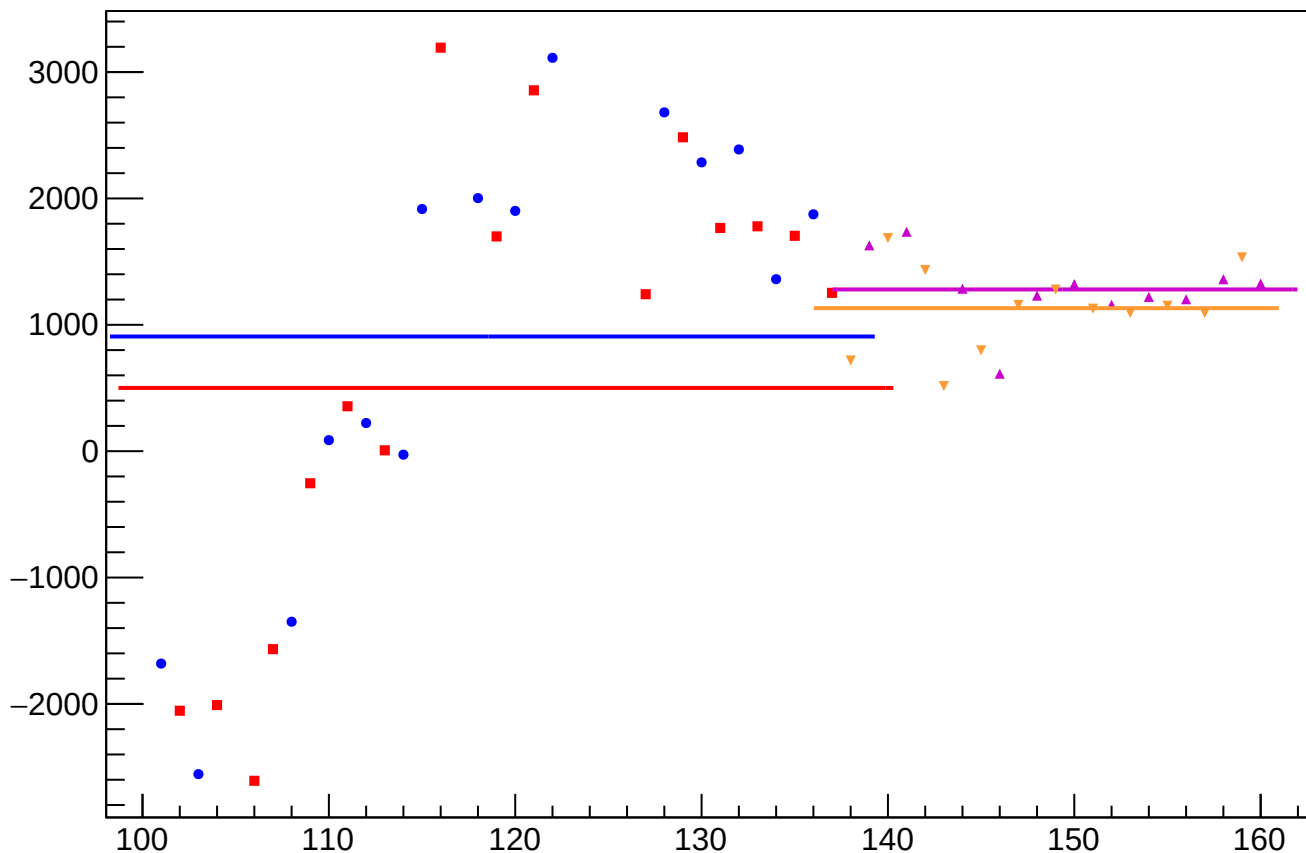
Right In: 171.323+/-0.000	χ^2/NDF : 6120975075187305509795143064993398784.0/14	+ sign 167.840+/-0.000	χ^2/NDF : 875675526414248
Left Out: 165.375+/-0.000	χ^2/NDF : 2622335351174785803279271276281069568.0/11	All: 162.701+/-0.000	χ^2/NDF : 16375906159
Right Out: 155.993+/-0.000	χ^2/NDF : 5680659281504595852021524727244783616.0/15	- 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

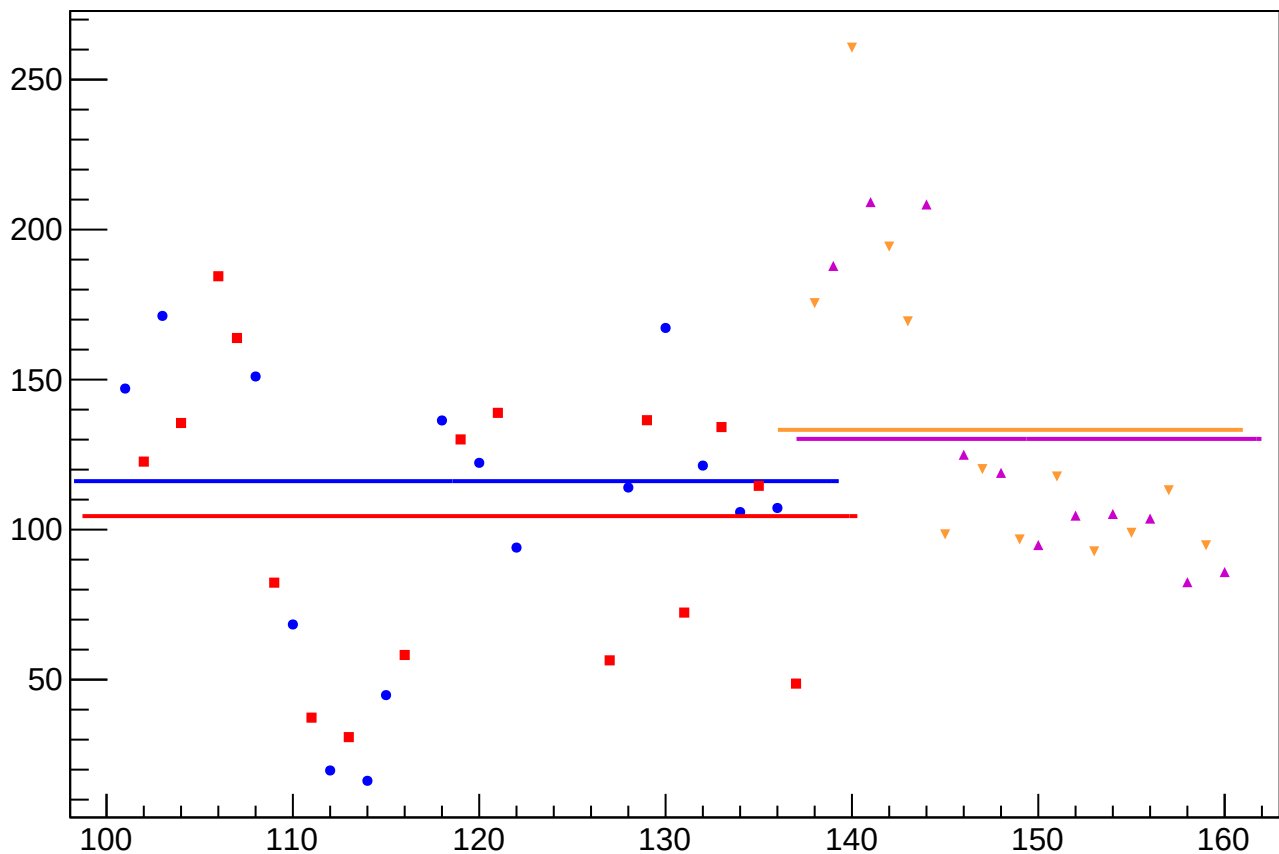
All: 995.711 $\pm$ 0.000 χ^2 /NDF: 46015505326

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

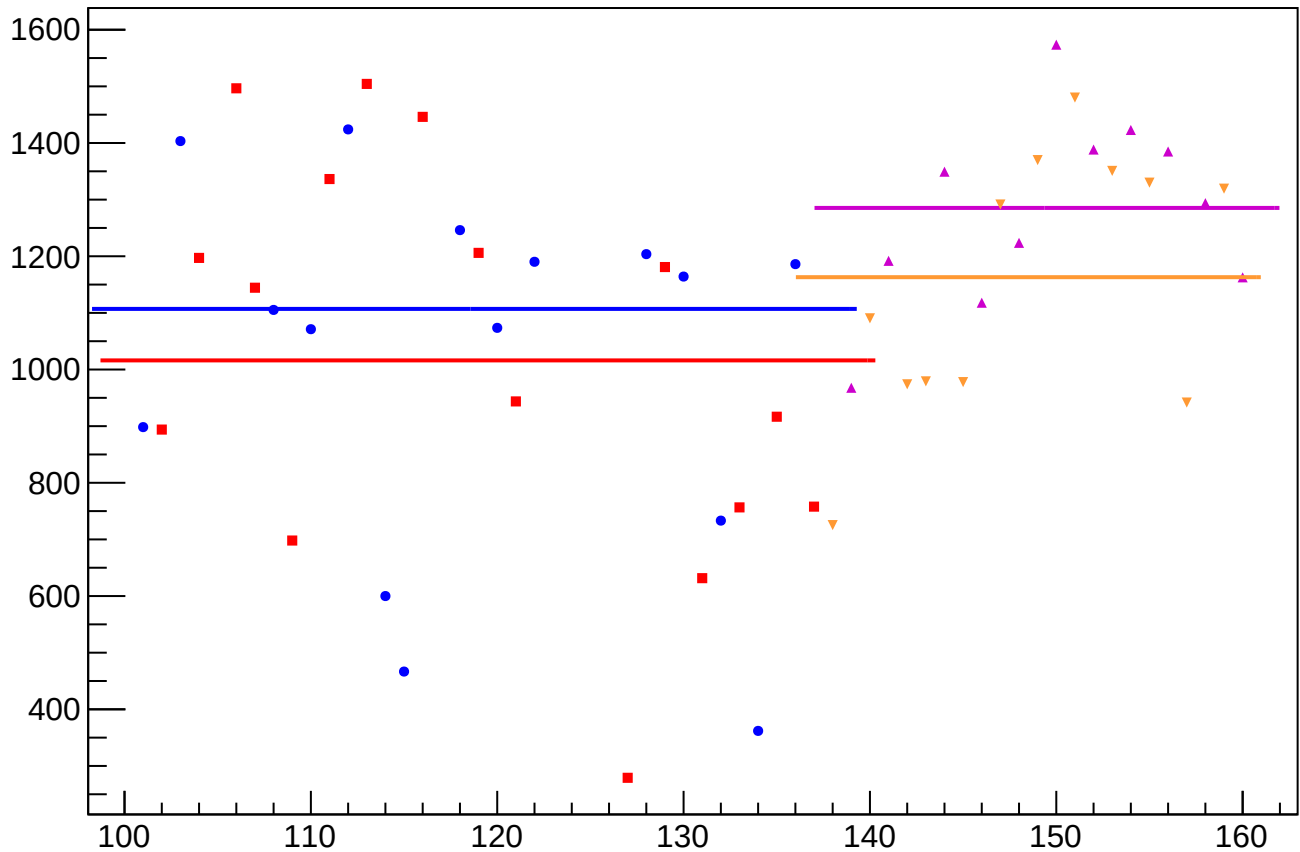
dit_sam8_coil4_err_mean vs Slug



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

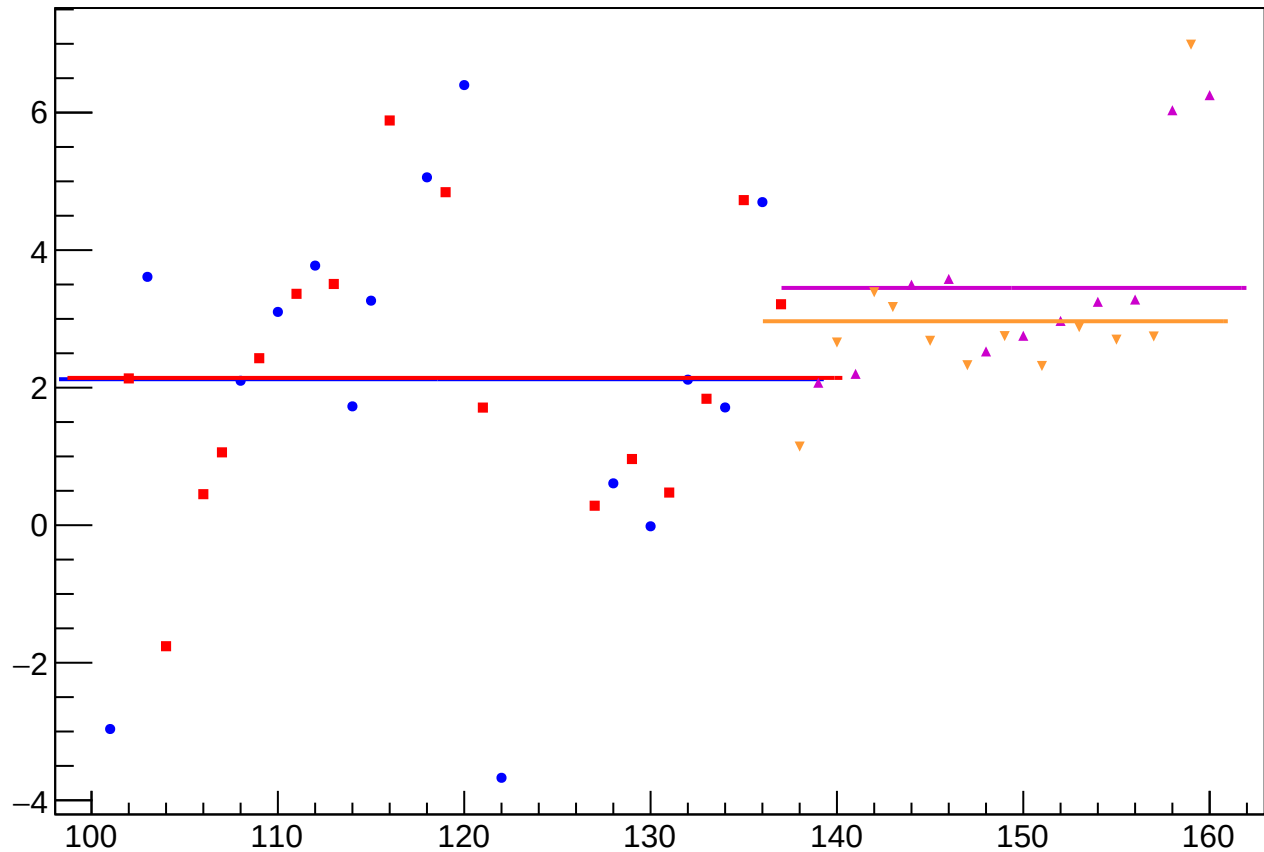
+ sign 126.172+/-0.000 χ^2/NDF : 366514873637822
 All: 122.783+/-0.000 χ^2/NDF : 721221097138
 - sign 119.447+/-0.000 χ^2/NDF : 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



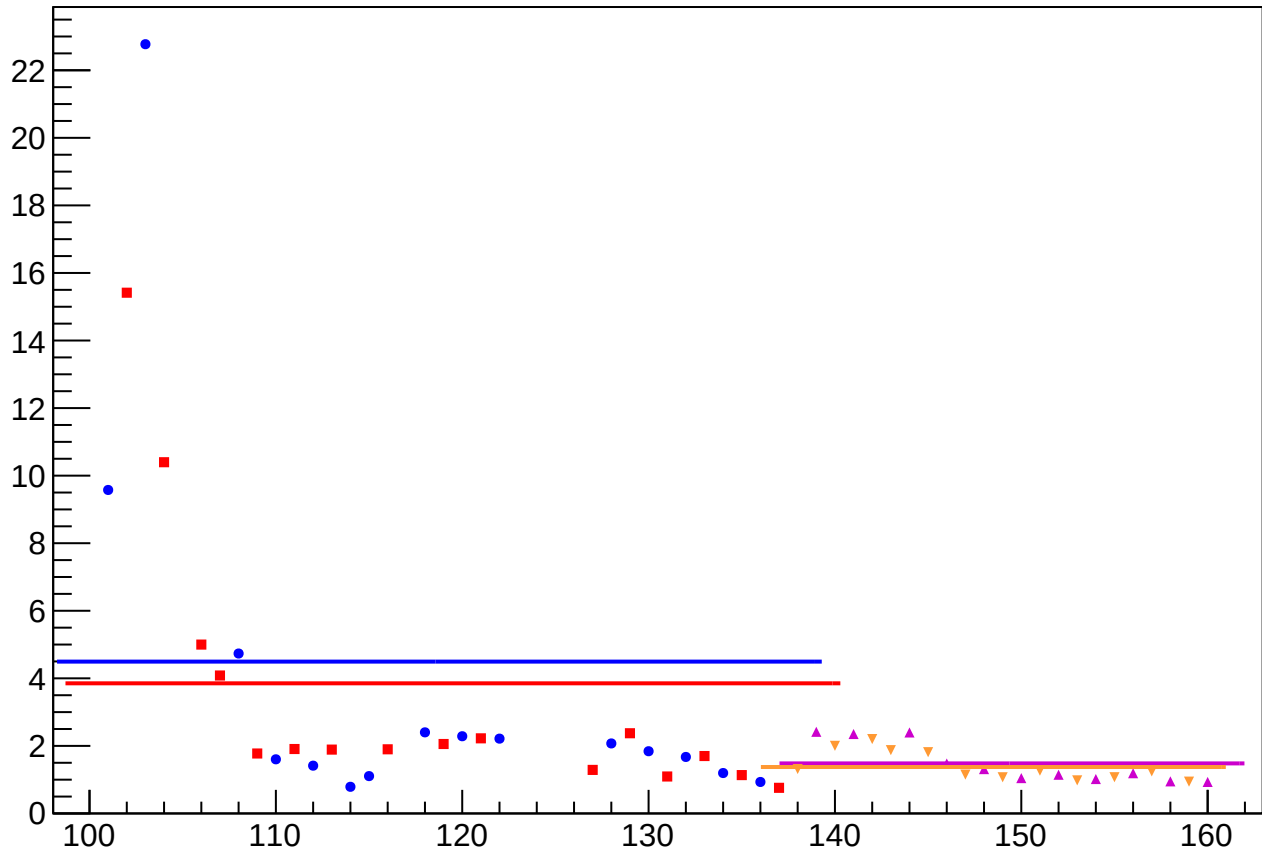
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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_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+/-0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14

Left Out: 1.375+/-0.000 χ^2/NDF : 145824137057123098329032148647936.0/11

Right Out: 3.852+/-0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15

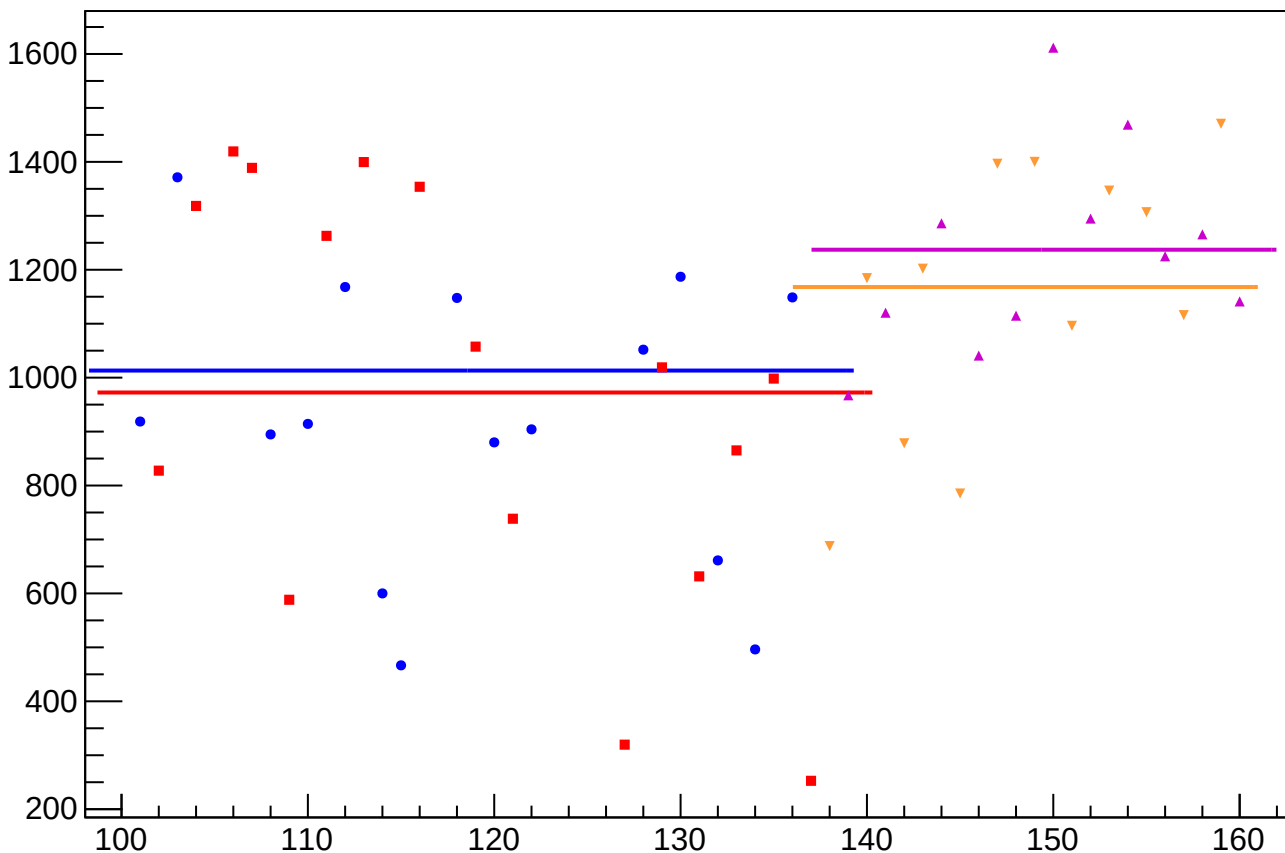
Left In: 1.482+/-0.000 χ^2/NDF : 310337710475779495774509405831168.0/10

+ sign 2.668+/-0.000 χ^2/NDF : 29116582581776454

All: 2.571+/-0.000 χ^2/NDF : 43948176556660

- sign 2.476+/-0.000 χ^2/NDF : 14802405912641910

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

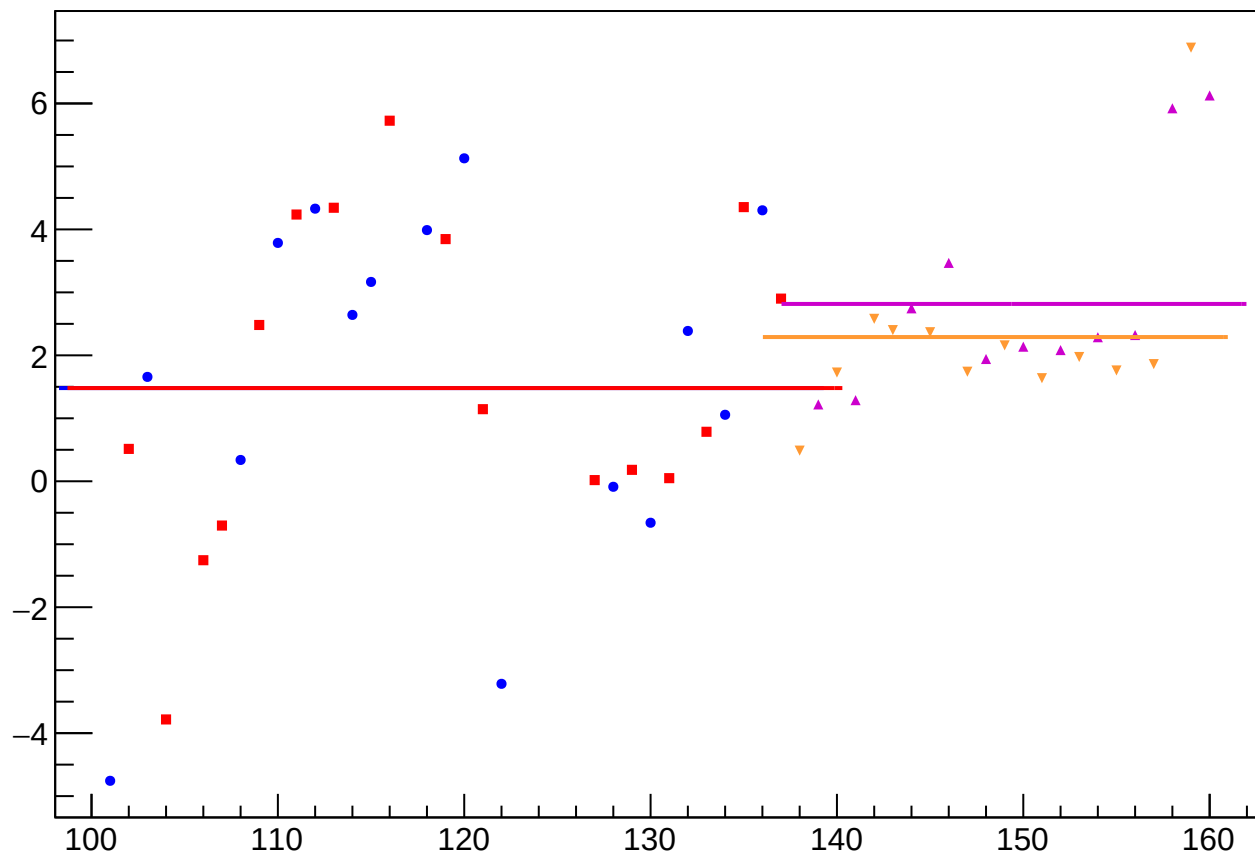
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000

χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 2.290+/-0.000

χ^2/NDF : 2078203934623339407466741505196032.0/11

Right Out: 1.480+/-0.000

χ^2/NDF : 4092645800613765572662987820367872.0/15

Left In: 2.816+/-0.000

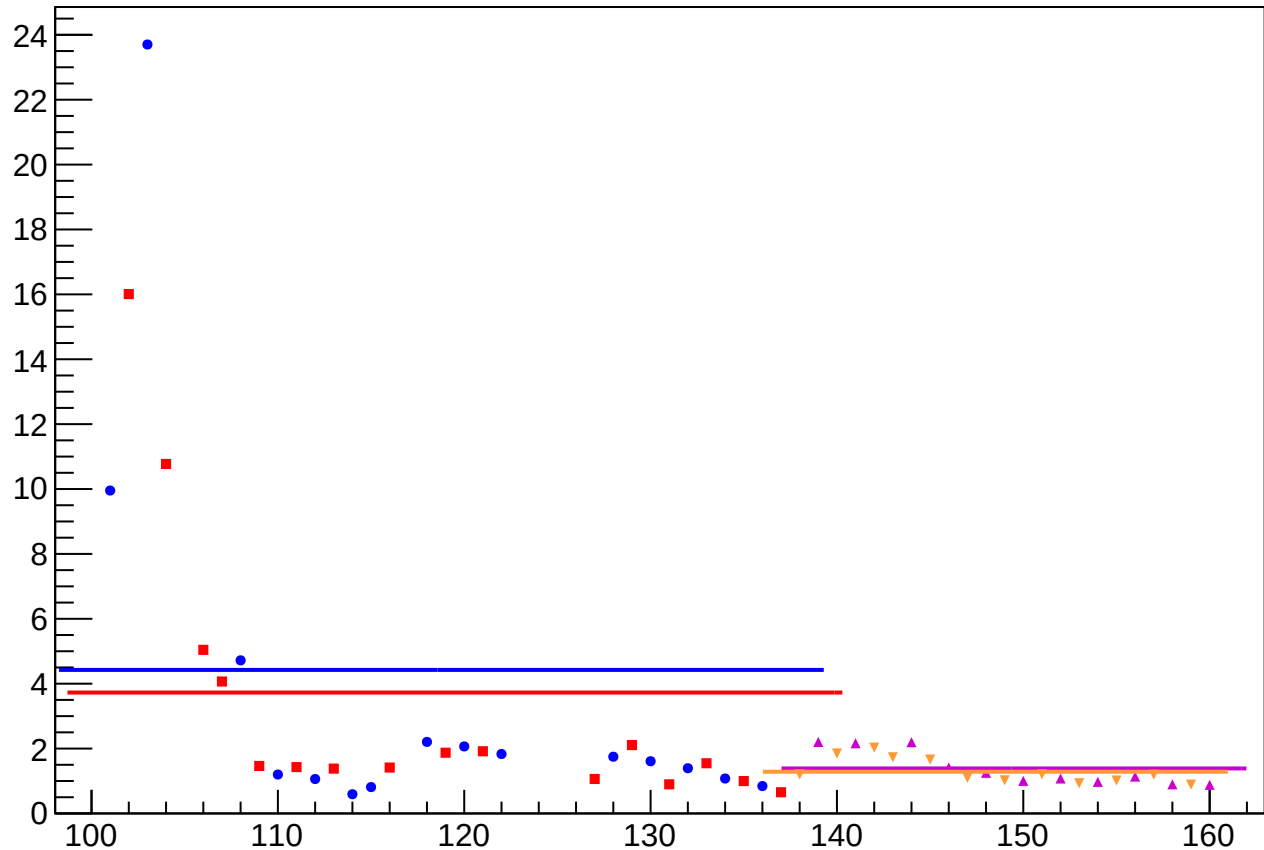
χ^2/NDF : 2230790234579581781884760219451392.0/10

+ sign 1.955+/-0.000 χ^2/NDF : 81275031284307058

All: 2.107+/-0.000 χ^2/NDF : 15214247821450

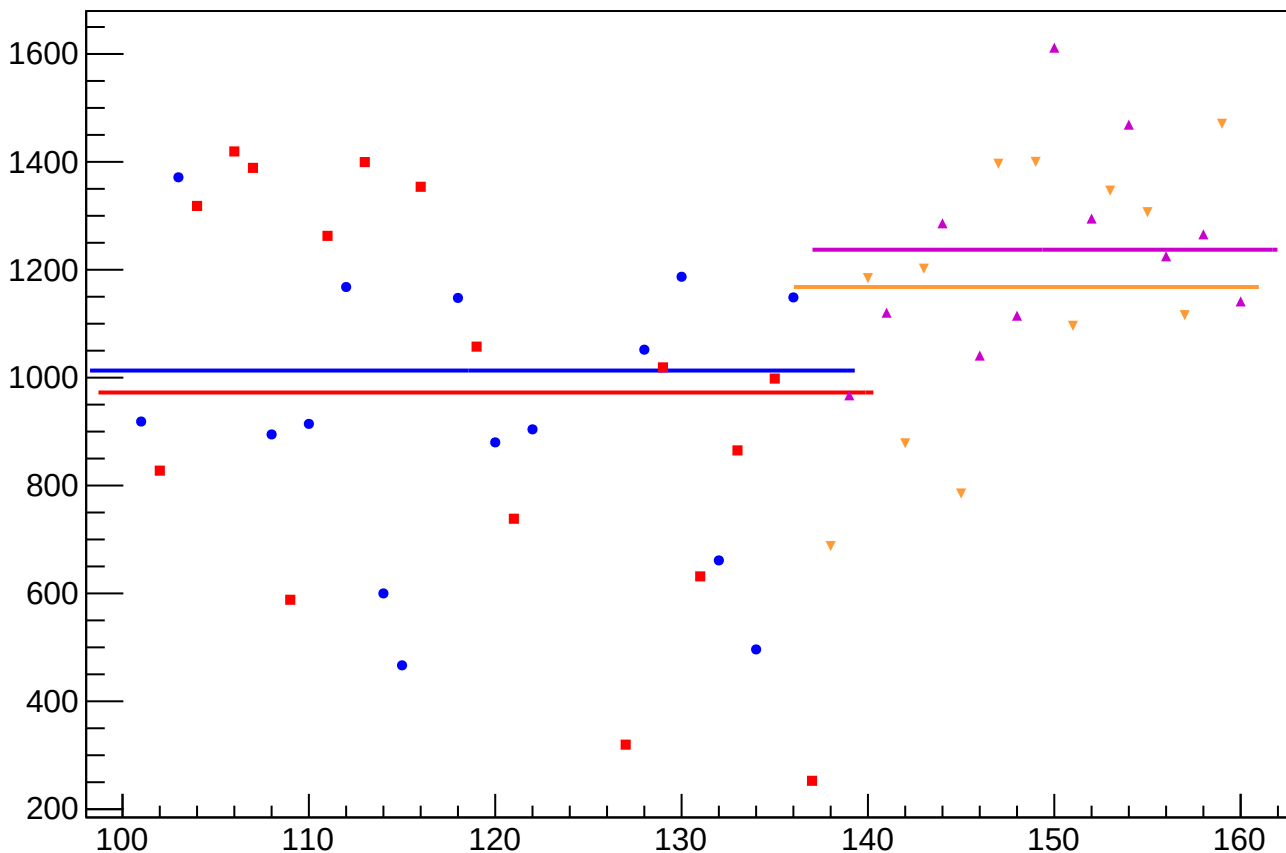
- sign 2.256+/-0.000 χ^2/NDF : 70149440633078184

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14
 Left Out: 1.287+/-0.000 χ^2/NDF : 115572710425974542014826355359744.0/11
 Right Out: 3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15
 Left In: 1.387+/-0.000 χ^2/NDF : 245381205913734368947829561360384.0/10

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

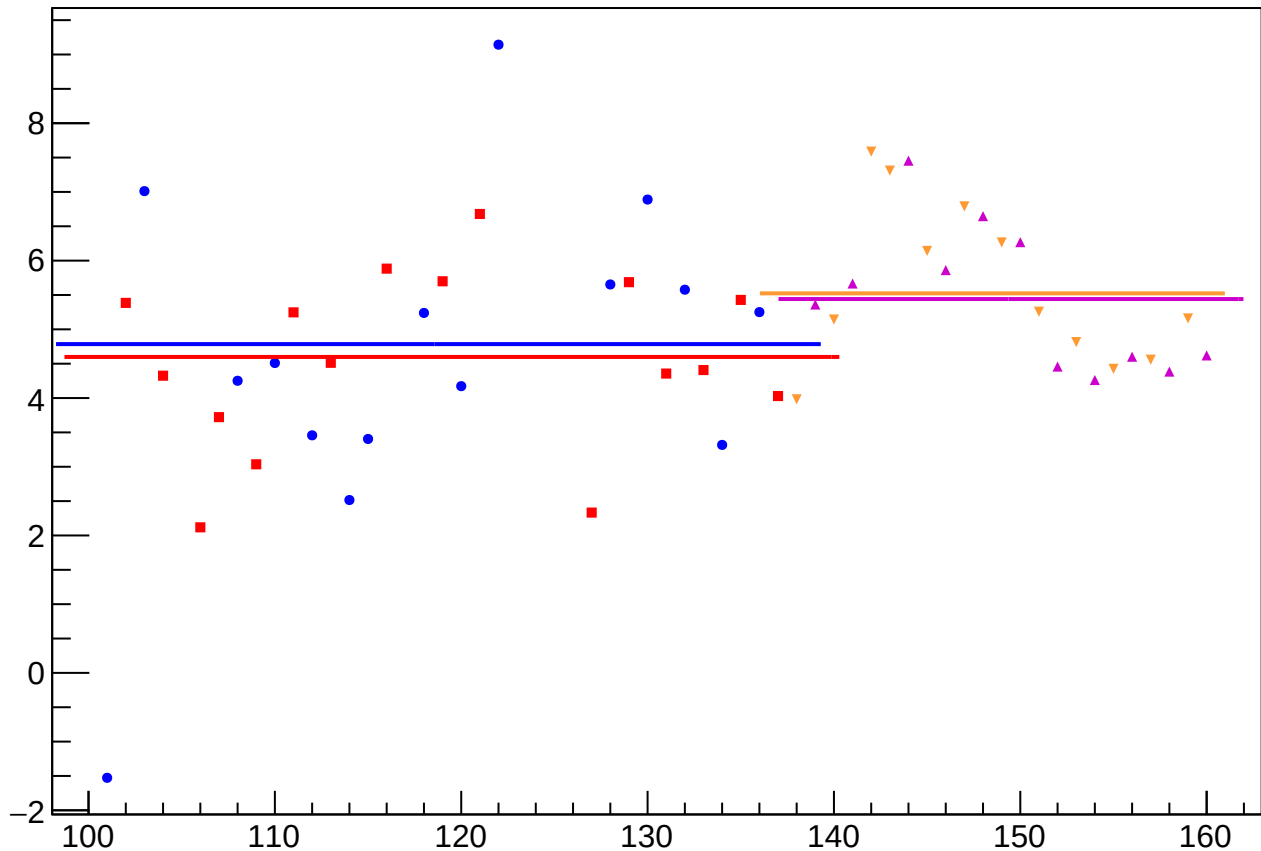
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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



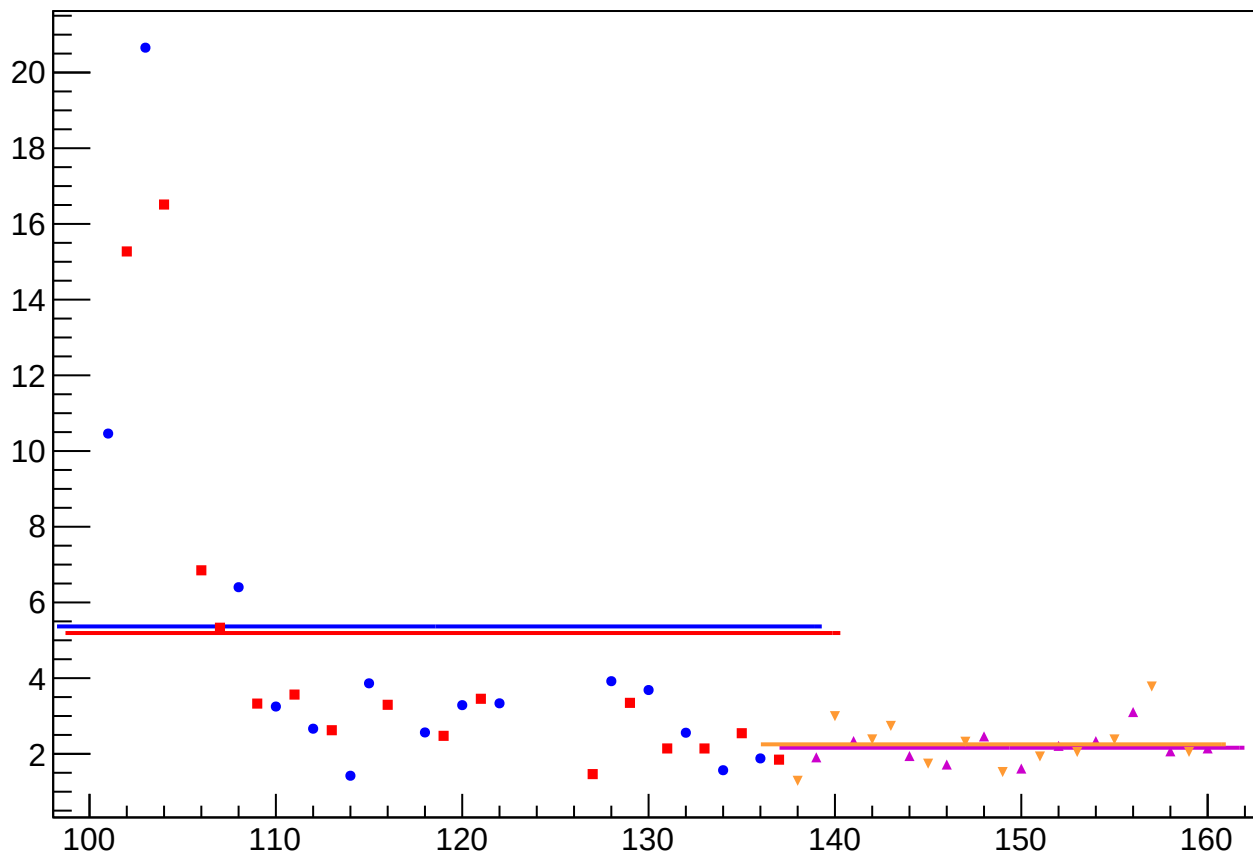
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

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

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.251+/-0.000 χ^2/NDF : 401214907261745165005566645370880.0/11

Right Out: 5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

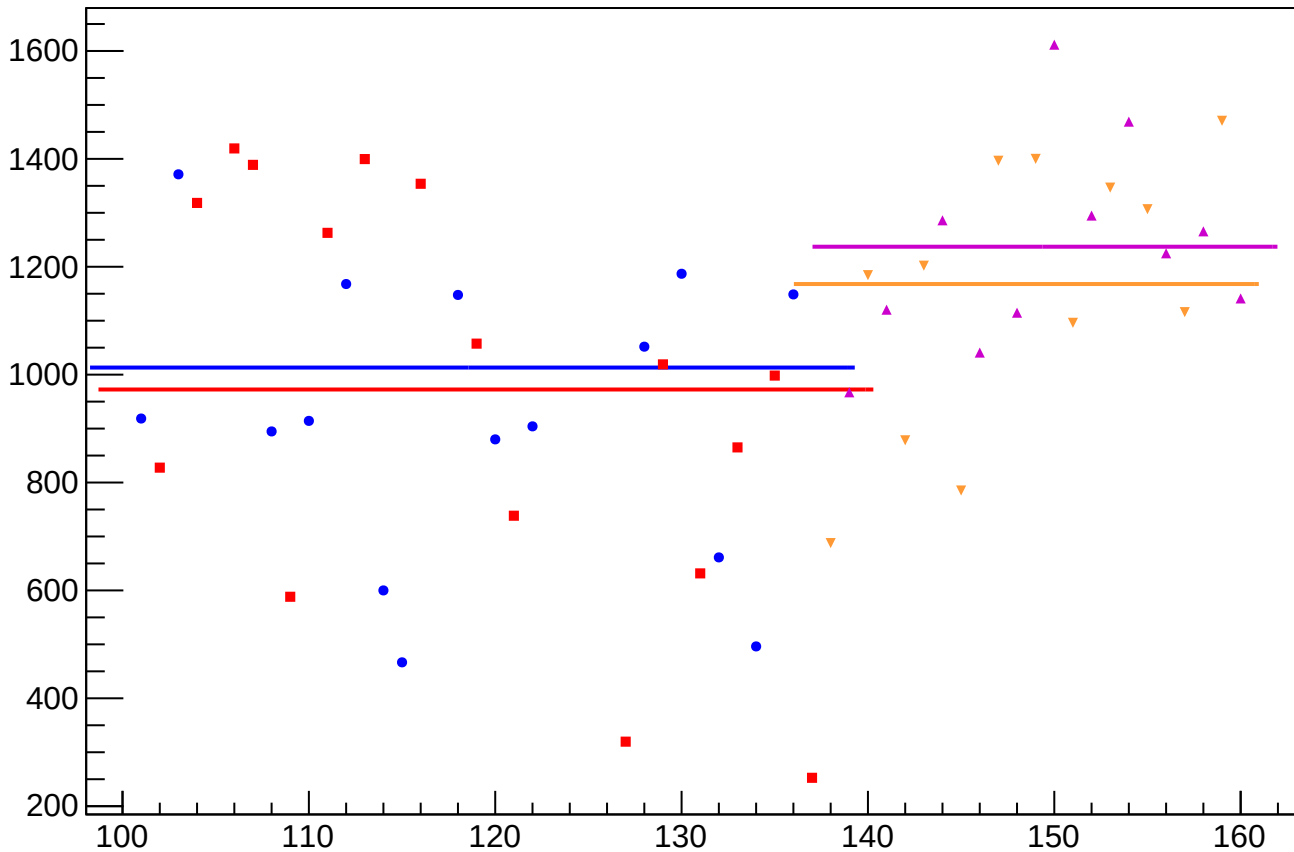
Left In: 2.162+/-0.000 χ^2/NDF : 138367938839103248546751049629696.0/10

+ sign 3.542+/-0.000 χ^2/NDF : 22868598019843594

All: 3.487+/-0.000 χ^2/NDF : 42324004096810

- sign 3.432+/-0.000 χ^2/NDF : 19445829920618957

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

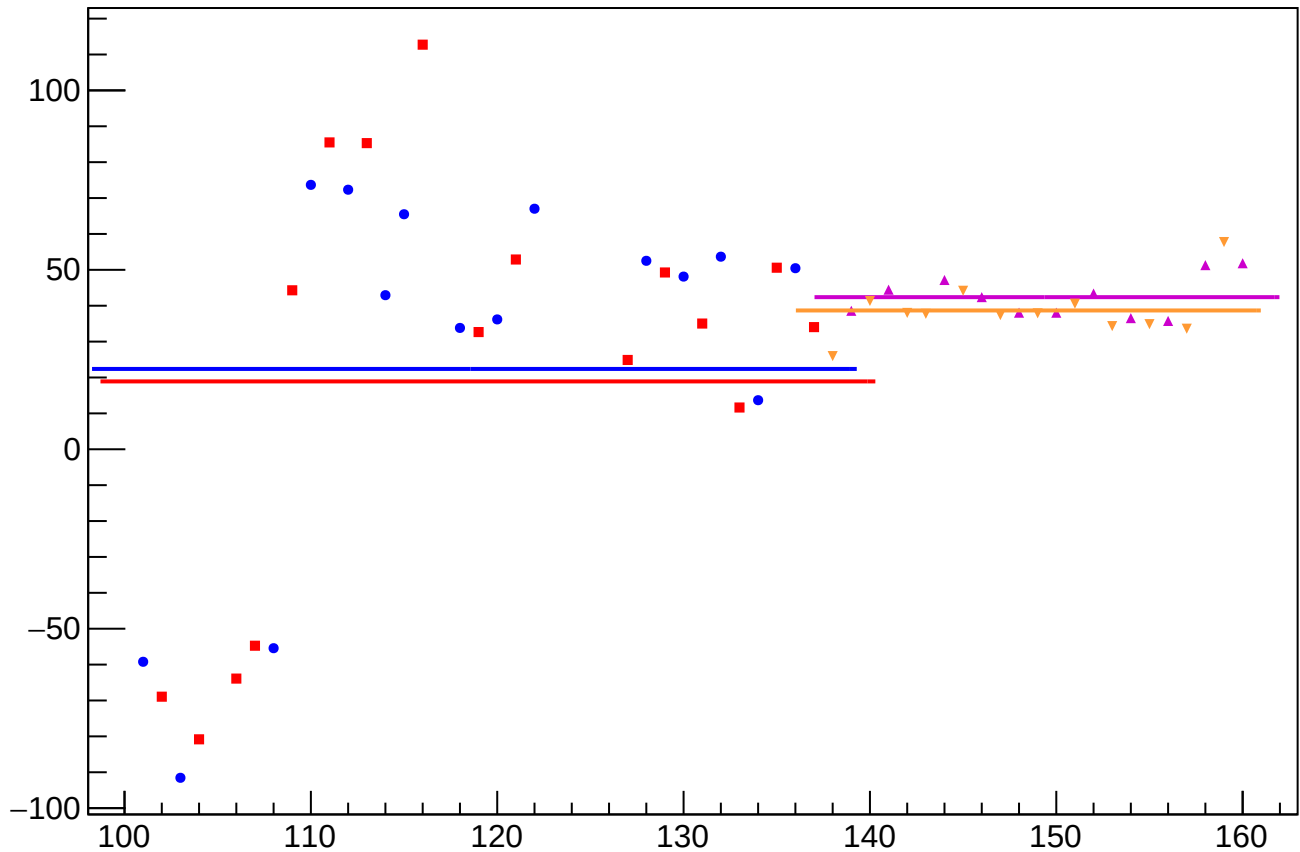
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4aY_coil6_mean vs Slug



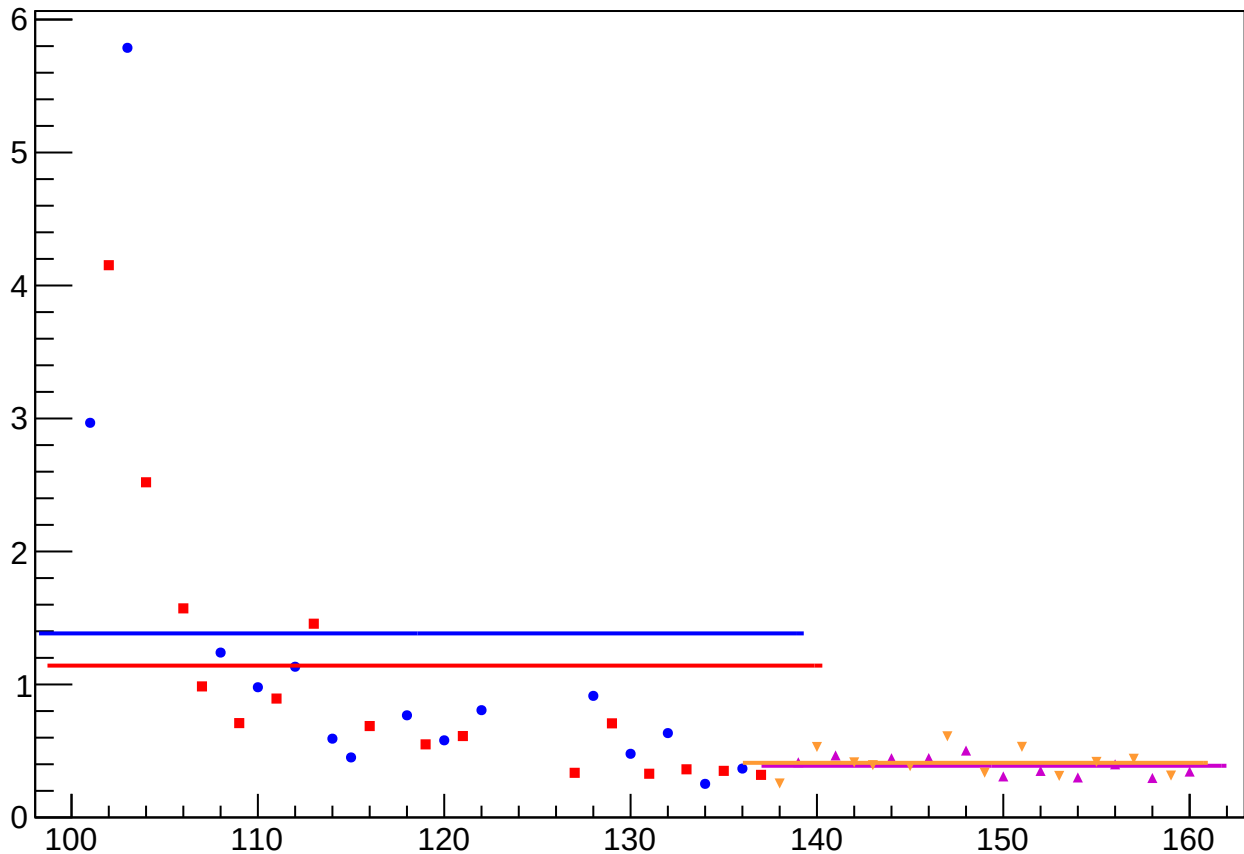
Right In: 22.385 $\pm$ 0.000 χ^2 /NDF: 1922260860023592637794094183323009024.0/14

Left Out: 38.679 $\pm$ 0.000 χ^2 /NDF: 50075878897811273484787289537118208.0/11

Right Out: 18.907 $\pm$ 0.000 χ^2 /NDF: 2182221808408156293593993992757837824.0/15

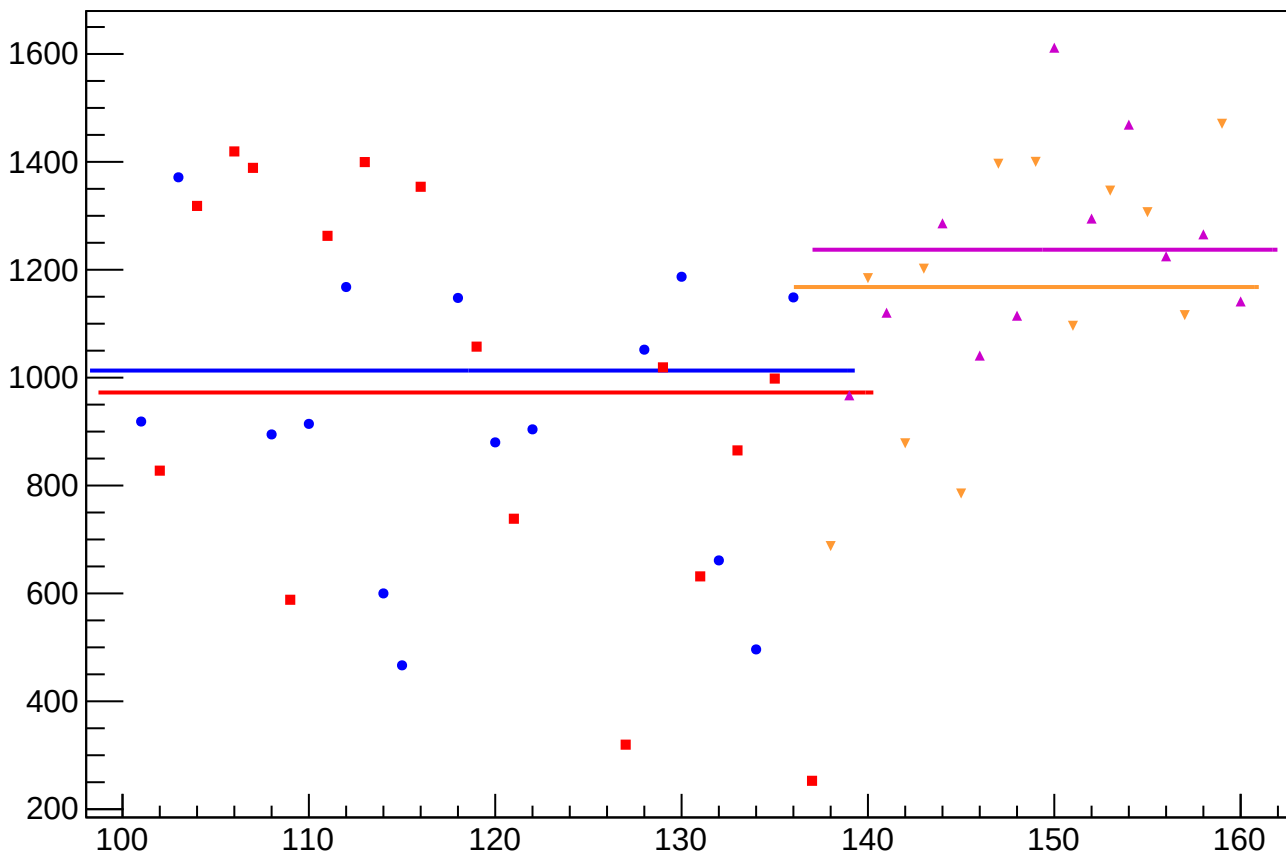
Left In: 42.386 $\pm$ 0.000 χ^2 /NDF: 26555660128562986553016927486214144.0/10

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.411+/-0.000 χ^2/NDF : 9428610492078012186649224544256.0/11
 Right Out: 1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: 0.389+/-0.000 χ^2/NDF : 4468112130112640641394154668032.0/10
 All: 0.759+/-0.000 χ^2/NDF : 29848868867136.0/15
 + sign 0.814+/-0.000 χ^2/NDF : 19405199182887263.0/14
 - sign 0.704+/-0.000 χ^2/NDF : 10348725978885865.0/14

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

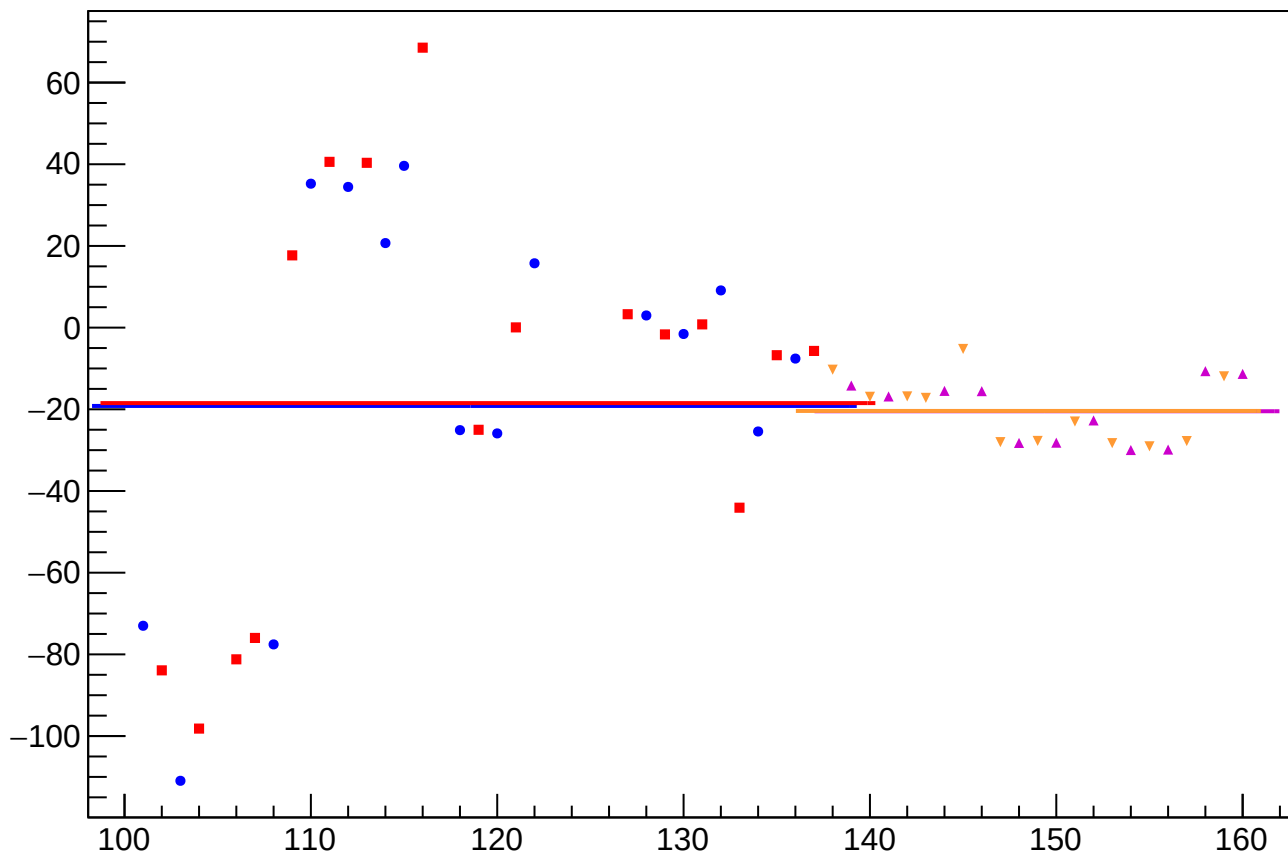
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eY_coil6_mean vs Slug



Right In: -19.175 ± 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -20.399 ± 0.000 χ^2/NDF : 59795874846132016074625786396540928.0/11

Right Out: -18.479 ± 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

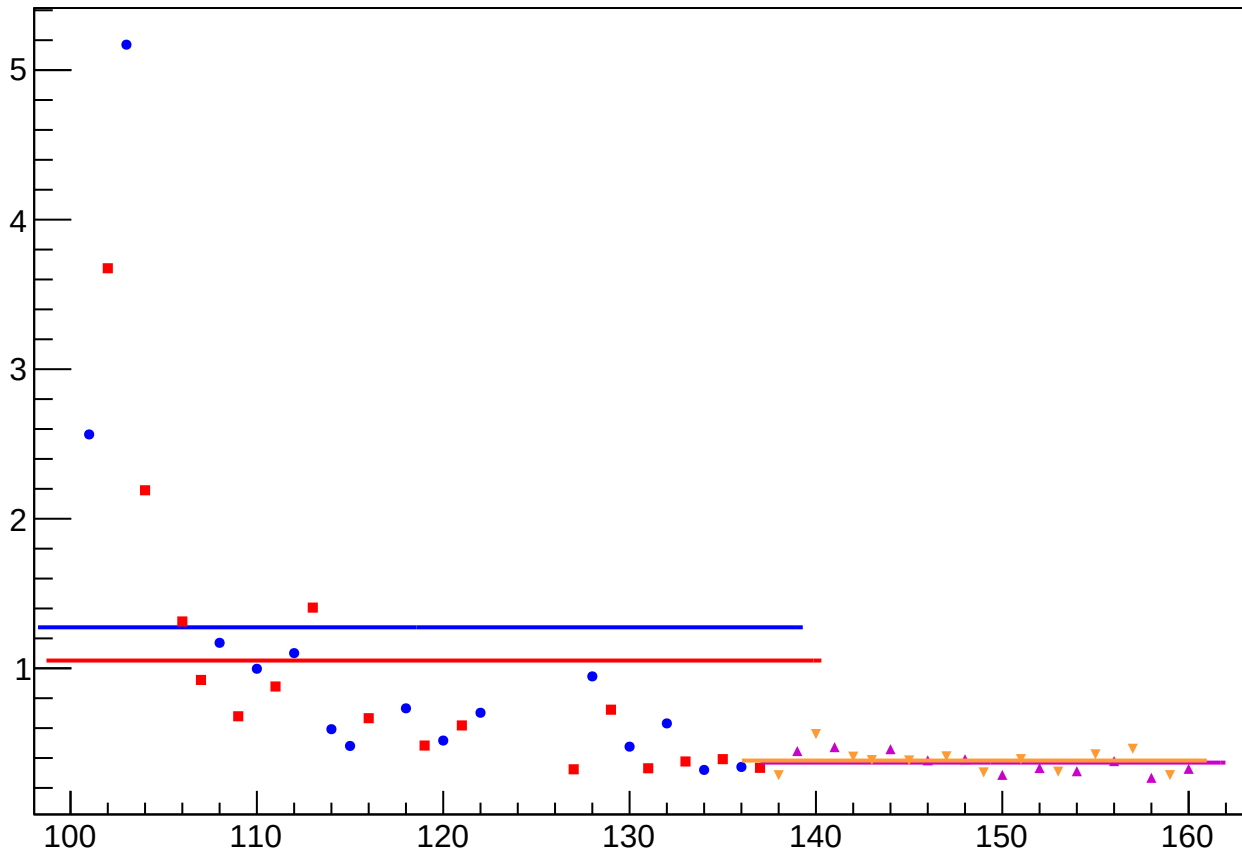
Left In: -20.473 ± 0.000 χ^2/NDF : 48484953363349820110348478937300992.0/10

All: -19.763 ± 0.000 χ^2/NDF : 284620389245

+ sign -19.892 ± 0.000 χ^2/NDF : 130672947127581

- sign -19.637 ± 0.000 χ^2/NDF : 1539423306551337

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 $\pm$ 0.000 χ^2 /NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.383 $\pm$ 0.000 χ^2 /NDF: 5804905550420528910426527760384.0/11

Right Out: 1.052 $\pm$ 0.000 χ^2 /NDF: 607316121057753919194559126962176.0/15

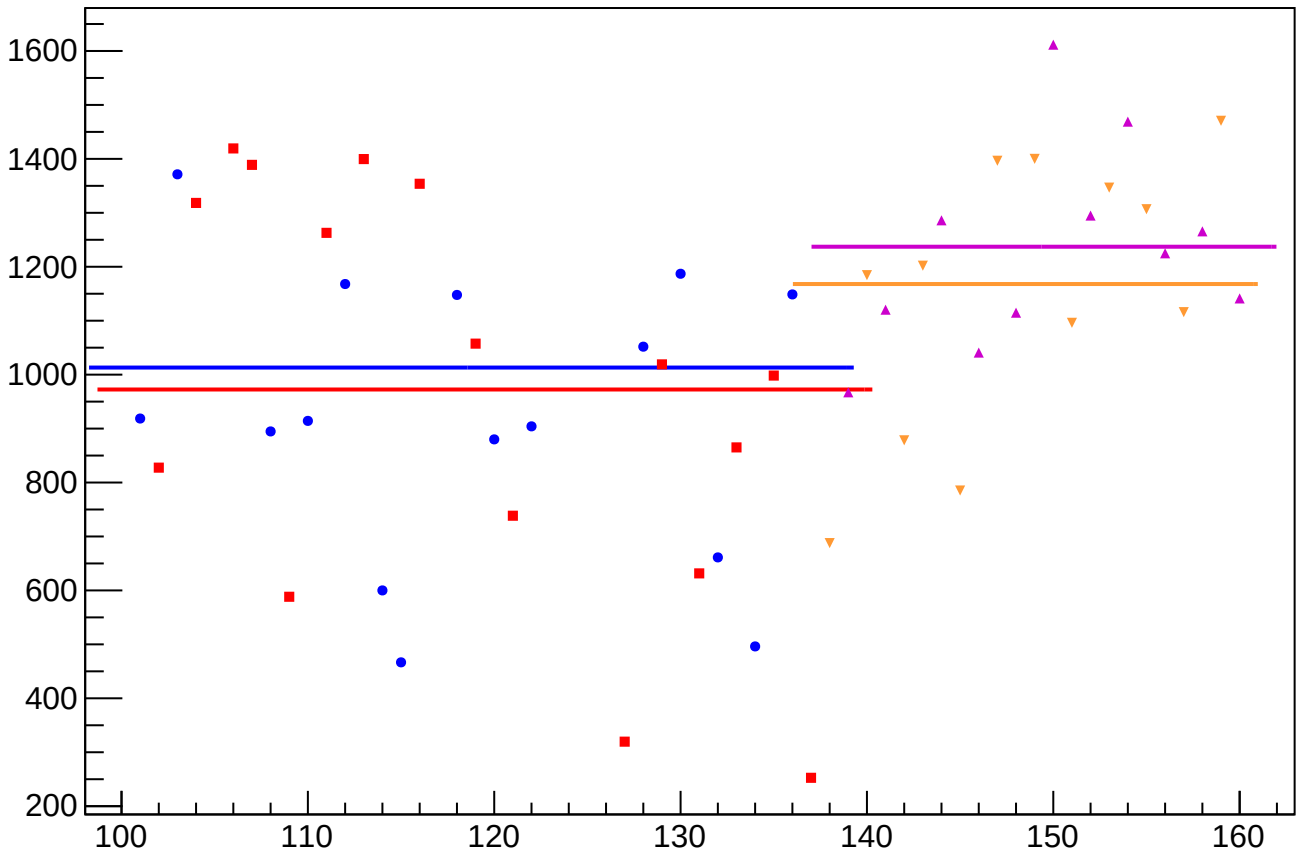
Left In: 0.369 $\pm$ 0.000 χ^2 /NDF: 4166350638848138676707816112128.0/10

+ sign 0.752 $\pm$ 0.000 χ^2 /NDF: 15194700956779479

All: 0.703 $\pm$ 0.000 χ^2 /NDF: 2318813336124

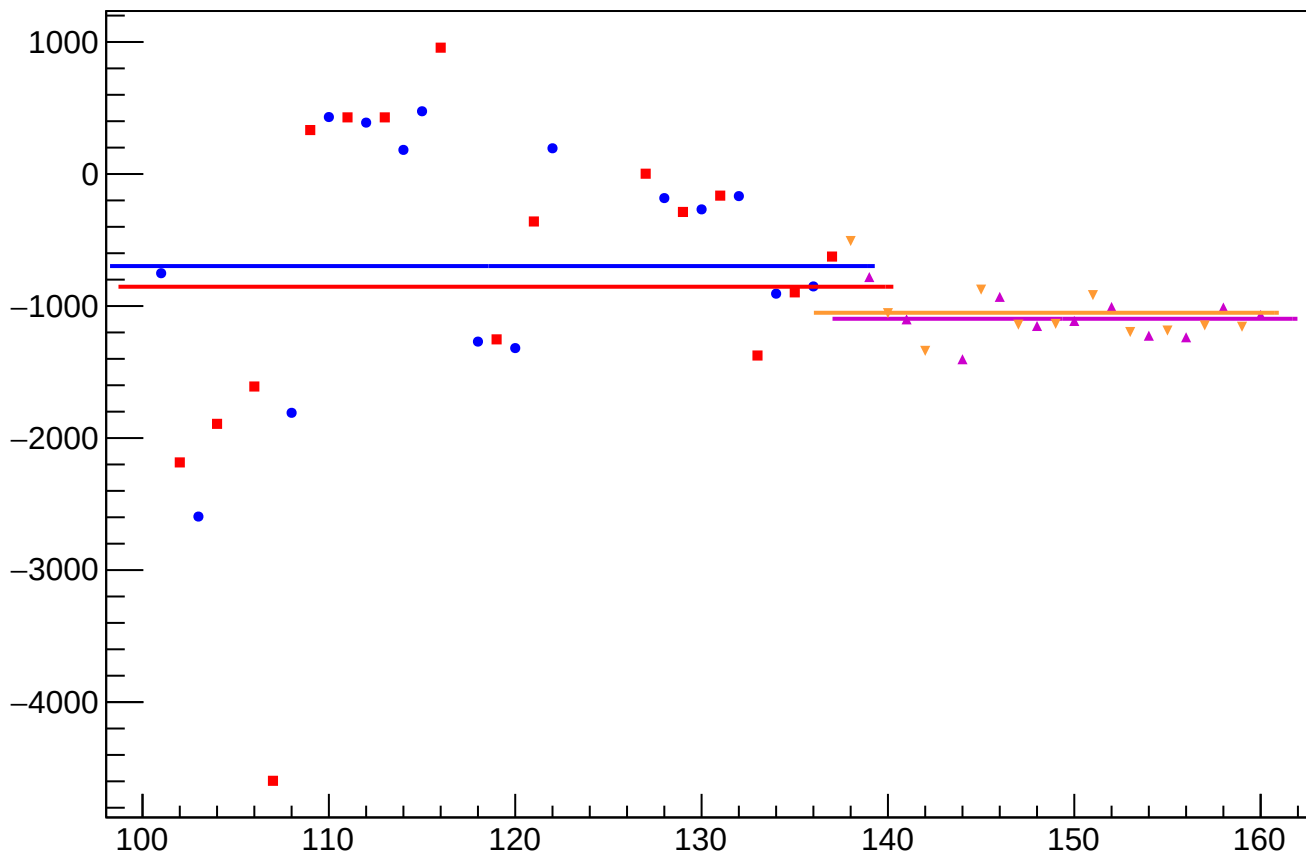
- sign 0.655 $\pm$ 0.000 χ^2 /NDF: 79193916268828881

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ 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

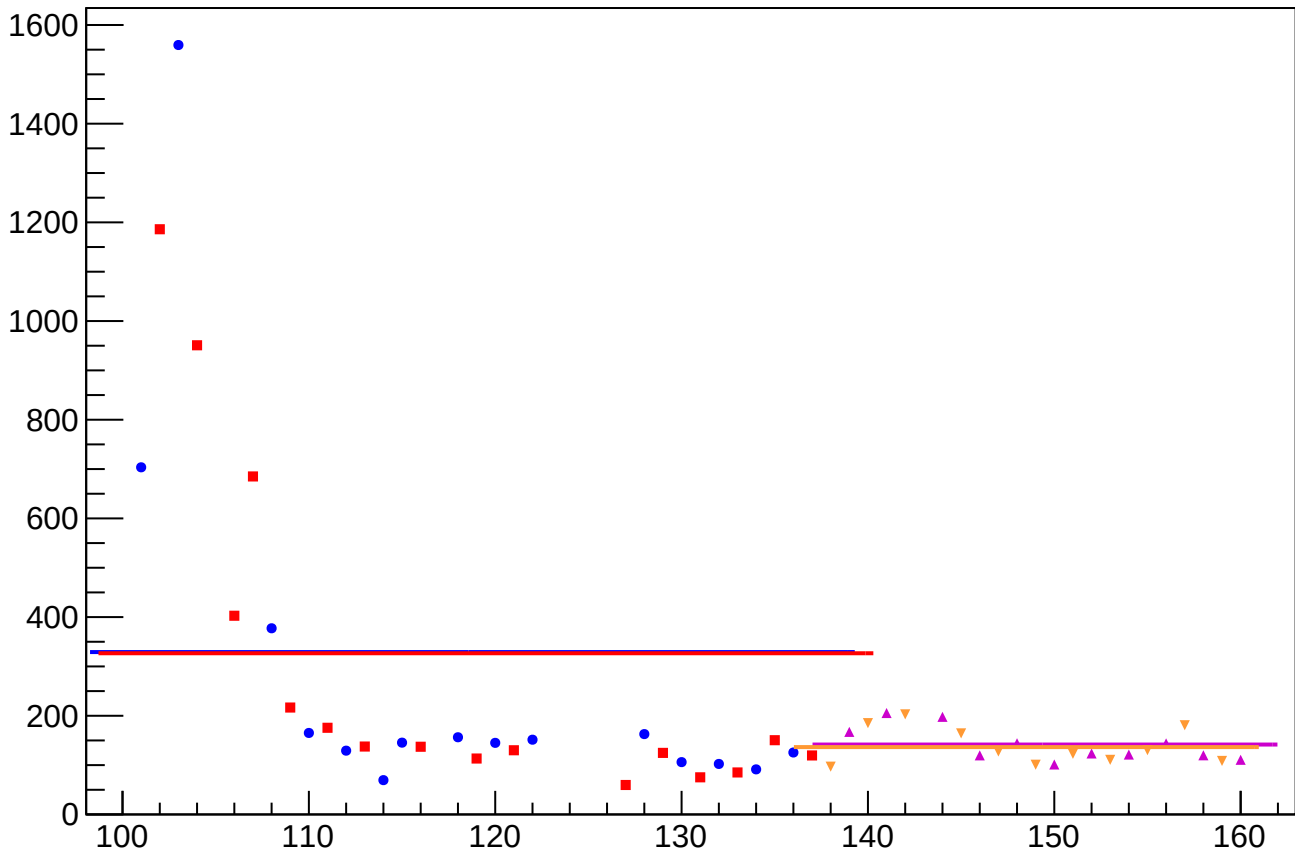
Left In: -1096.508+/-0.000 χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ 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 : 112460764695899

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

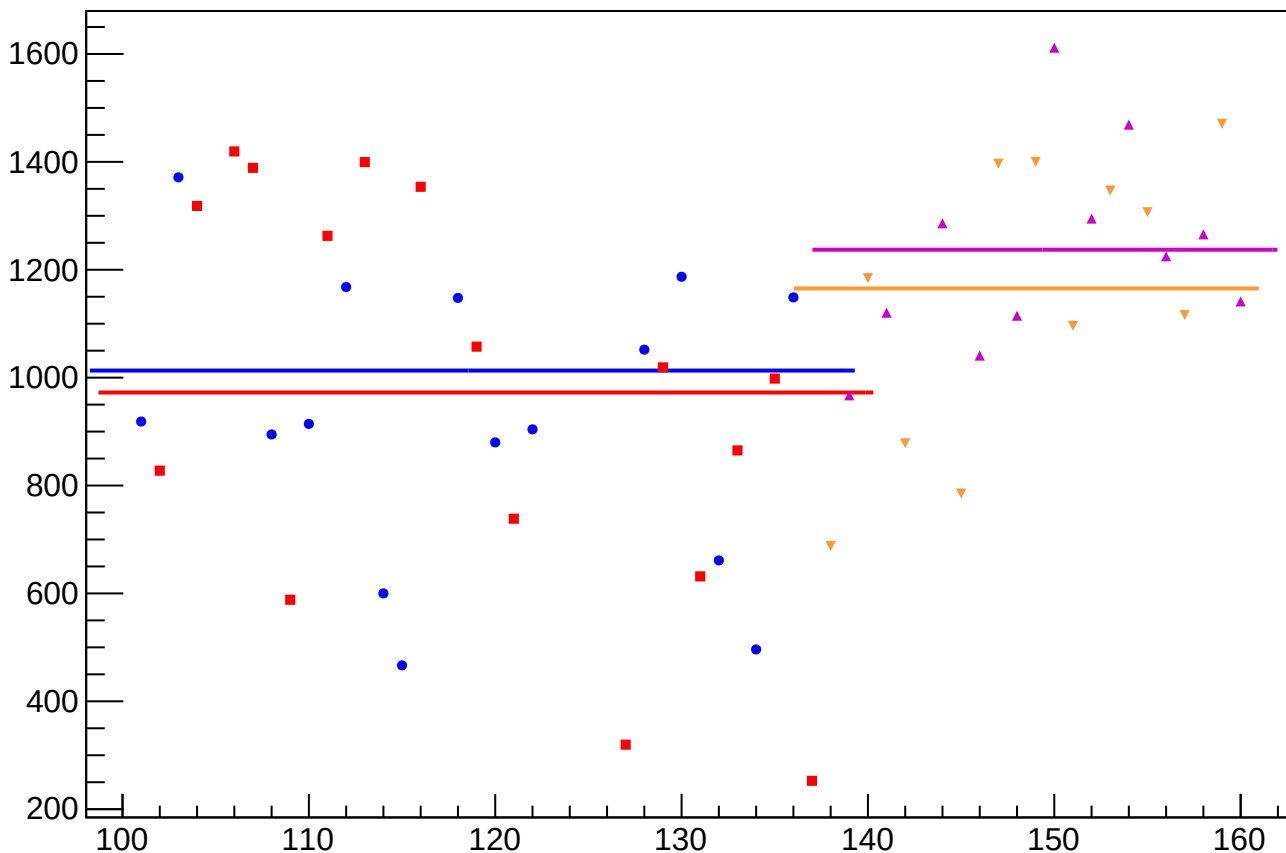
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ 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

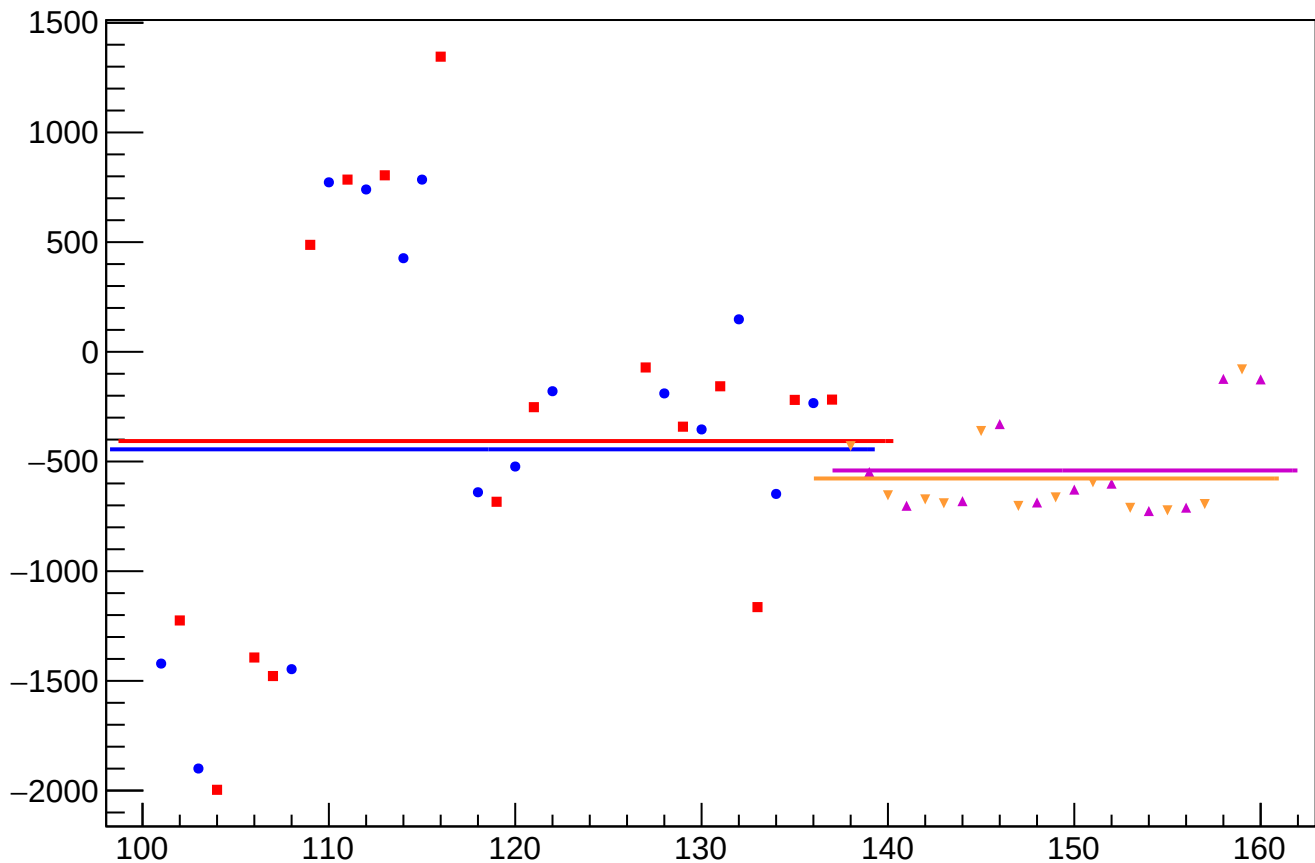
χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1099.420+/-0.000 χ^2/NDF : 94766751436093

All: 1113.201+/-0.000 χ^2/NDF : 23166622604

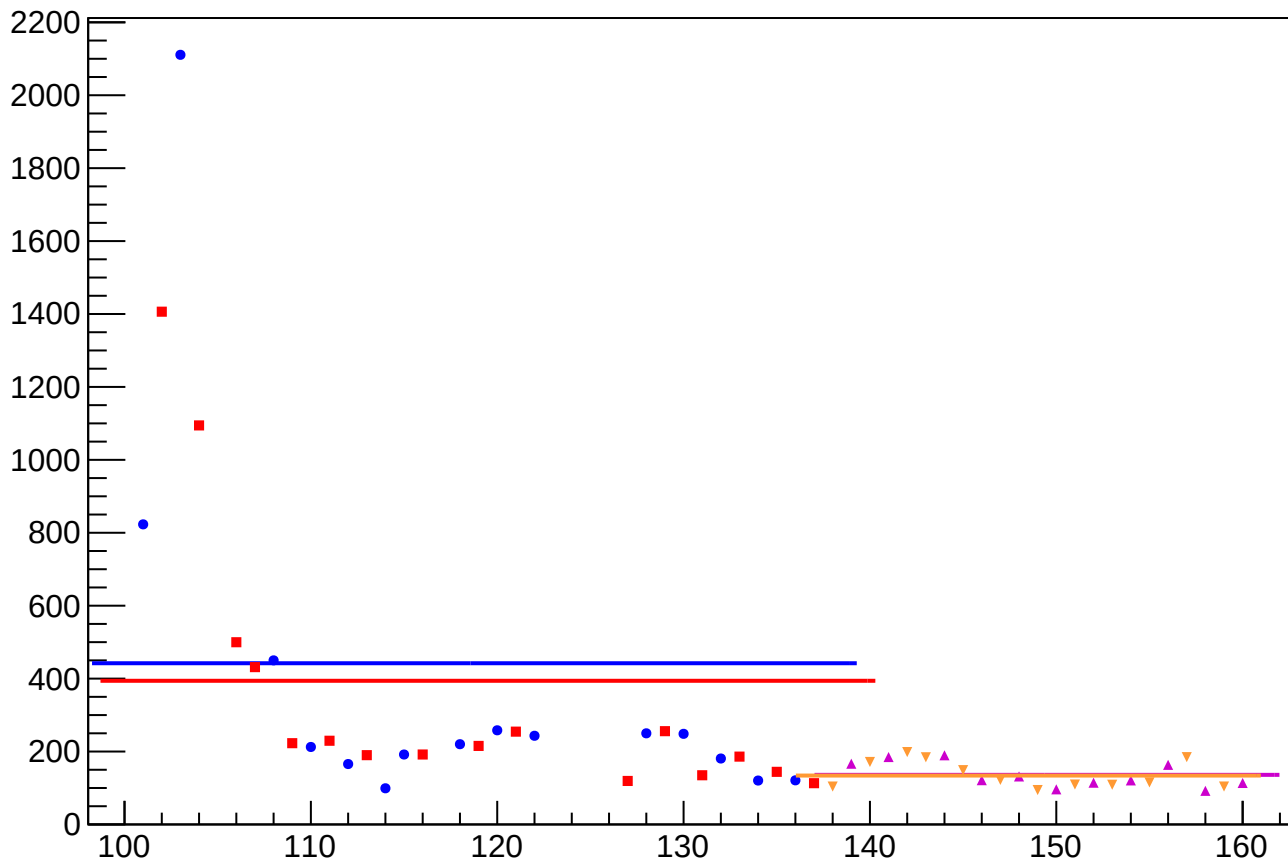
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

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

dit_usr_coil6_err_mean vs Slug



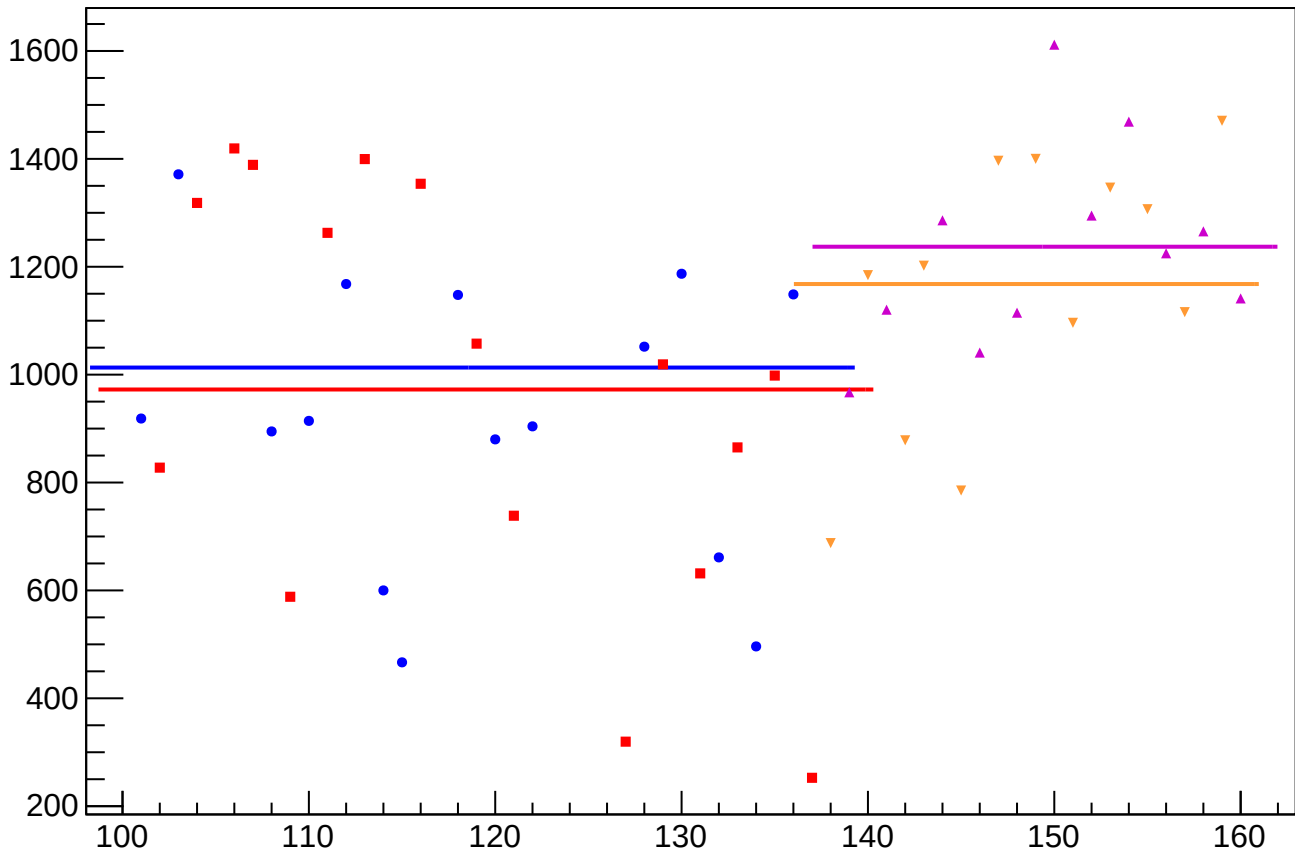
Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.122+/-0.000 χ^2/NDF : 1108150296028178587463342476455051264.0/11

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

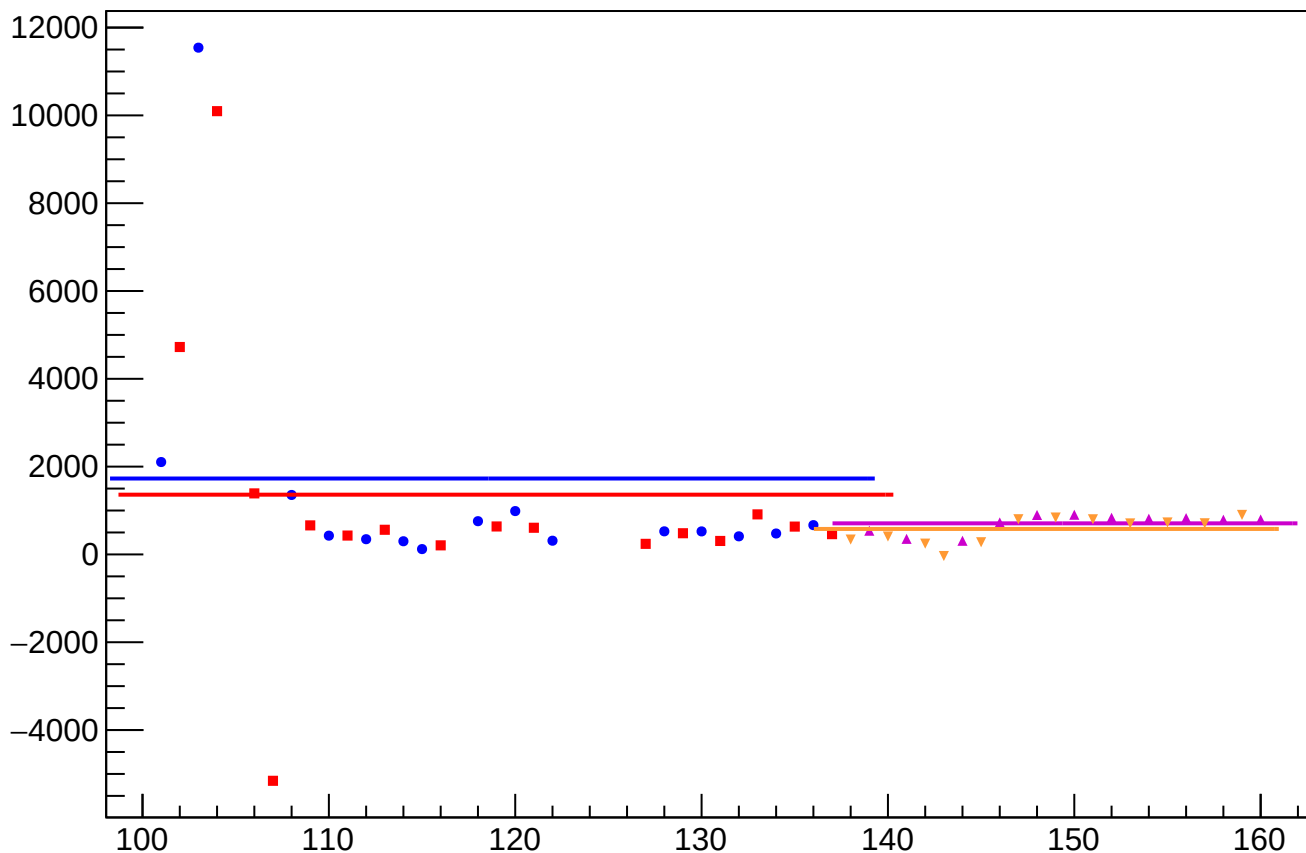
Left In: 136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

dit_usr_coil6_Ndata_mean vs Slug



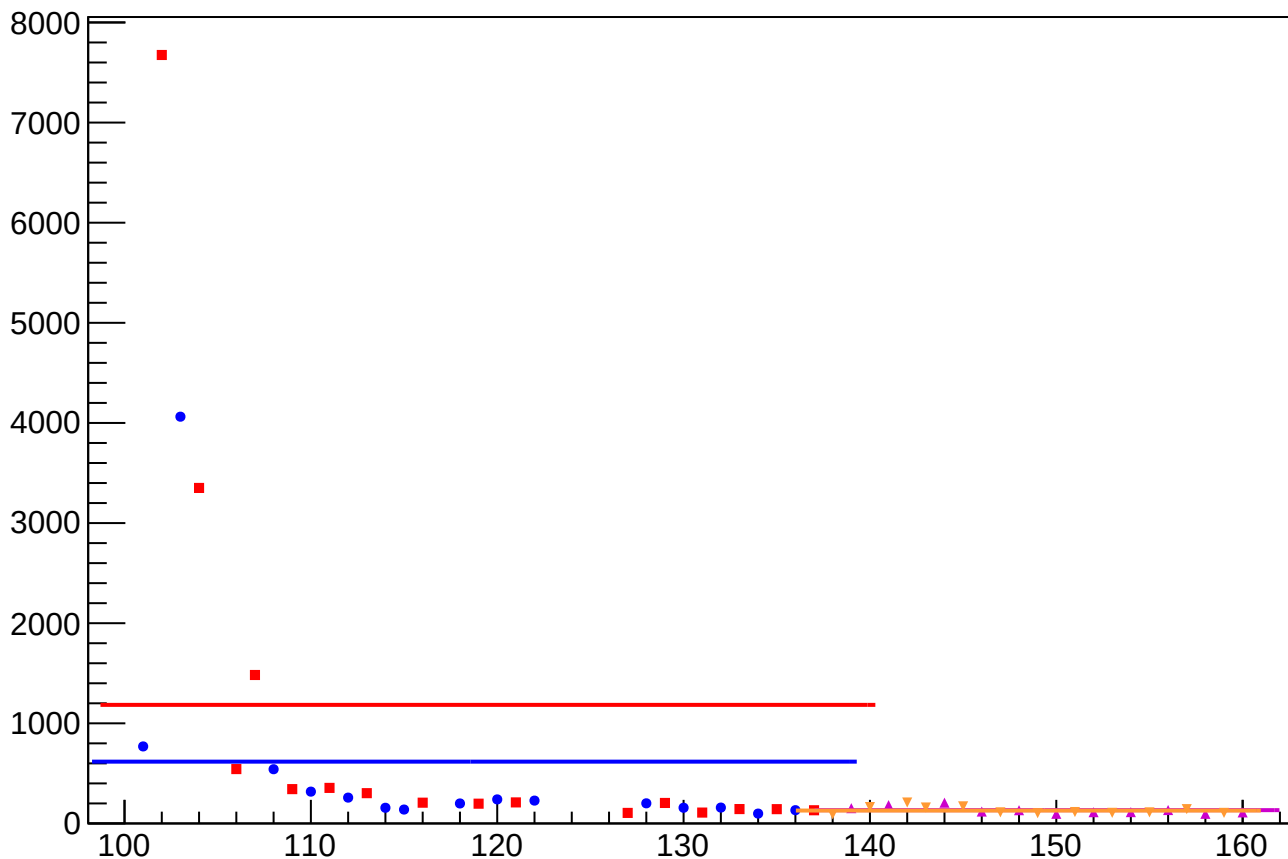
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1103.808+/-0.000	χ^2/NDF : 95441405756272
Left Out: 1167.974+/-0.000	χ^2/NDF : 54610138783870430946405205692756525056.0/11	All: 1115.086+/-0.000	χ^2/NDF : 23218314916
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_atl1_coil6_mean vs Slug



Right In: 1729.013 ± 0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 580.248 ± 0.000 χ^2/NDF : 70857978434076624009429979212728500224.0/11
 Right Out: 1360.914 ± 0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889 ± 0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

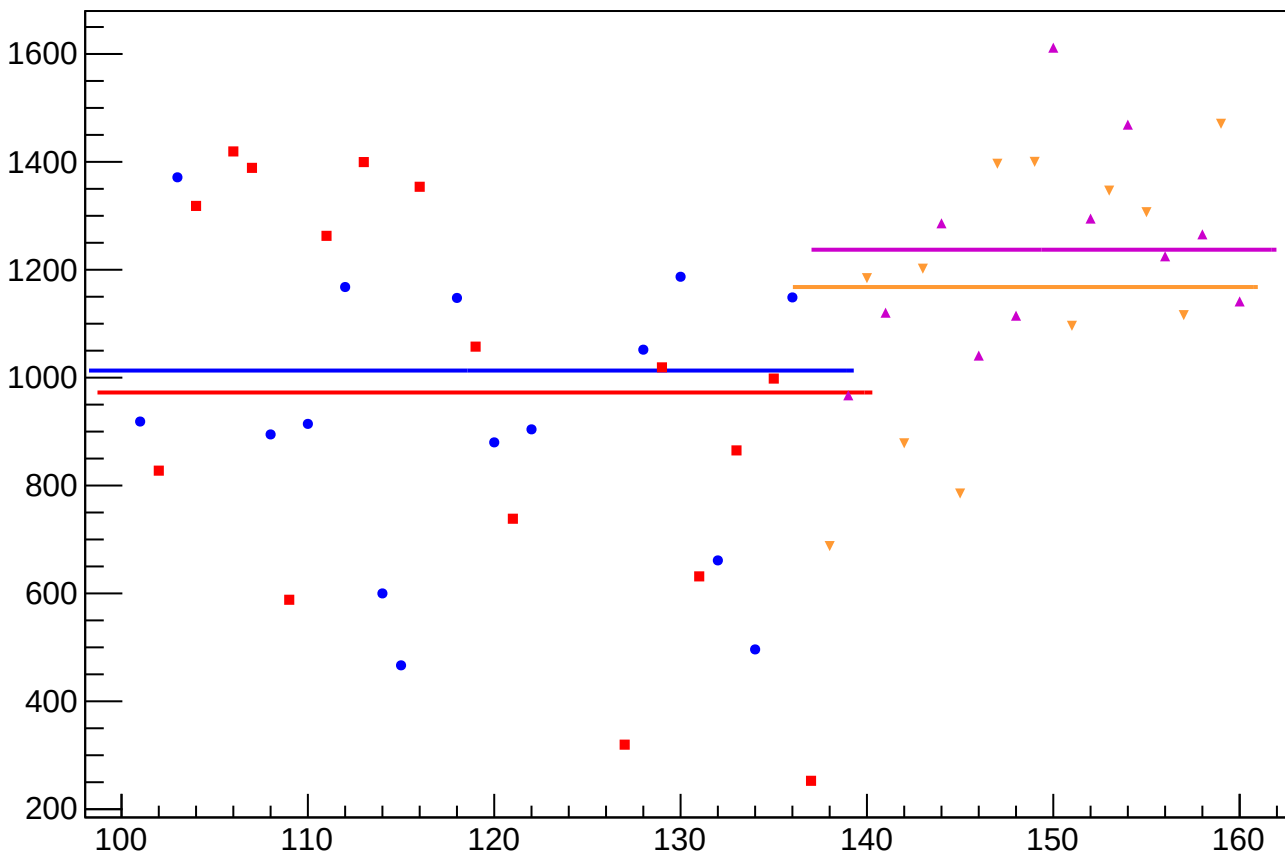
Left Out: 128.916+/-0.000 χ^2/NDF : 946446281889996410736335590619348992.0/11

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

All: 453.464+/-0.000 χ^2/NDF : 452709566047

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

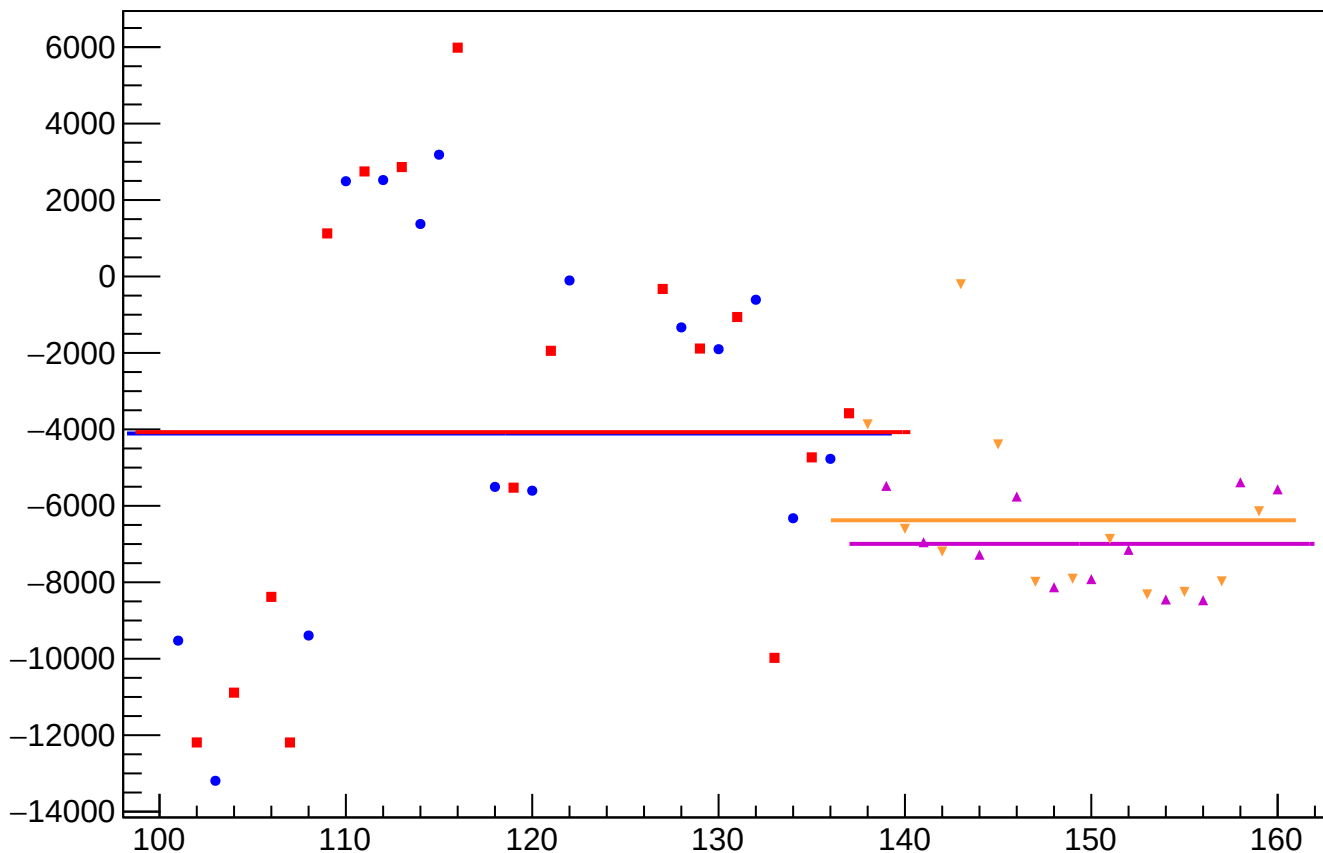
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

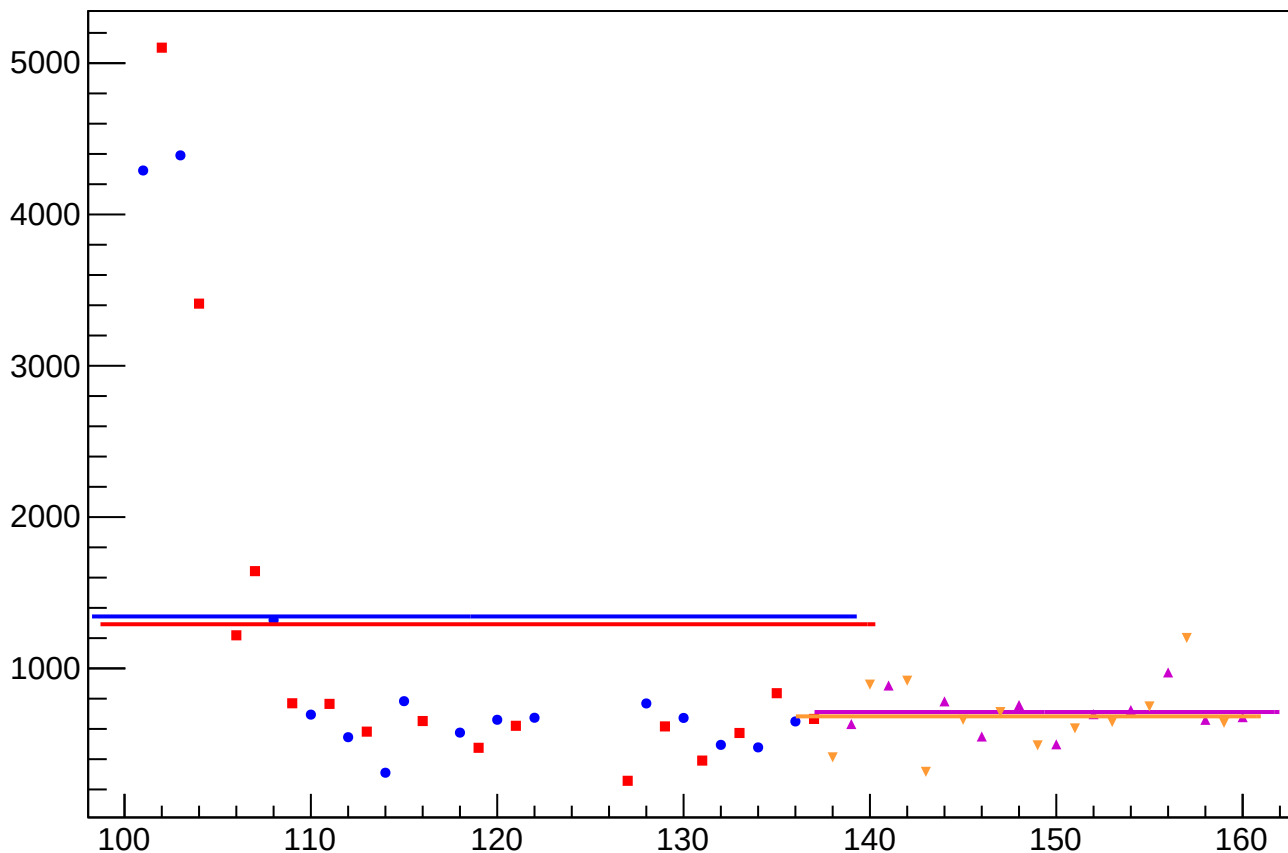
dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -6377.972+/-0.000	χ^2/NDF : 4622591154954588275207693526333594271744.0/11
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6994.812+/-0.000	χ^2/NDF : 1231738289385705389055875270097690951680.0/10

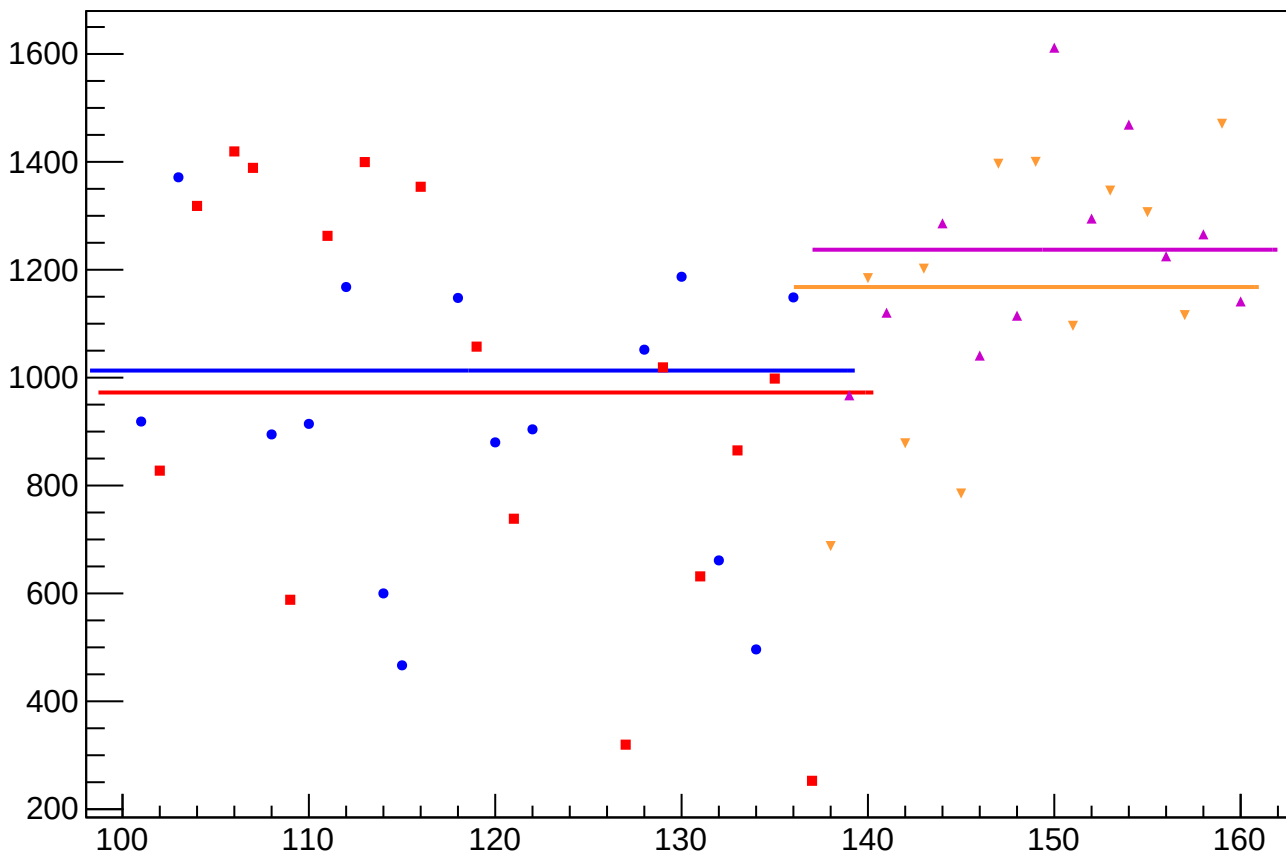
+ sign -5436.993+/-0.000 χ^2/NDF : 2110921720753
 All: -5604.574+/-0.000 χ^2/NDF : 4610437232
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 683.065+/-0.000 χ^2/NDF : 46379995695844949663521519572812300288.0/11
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

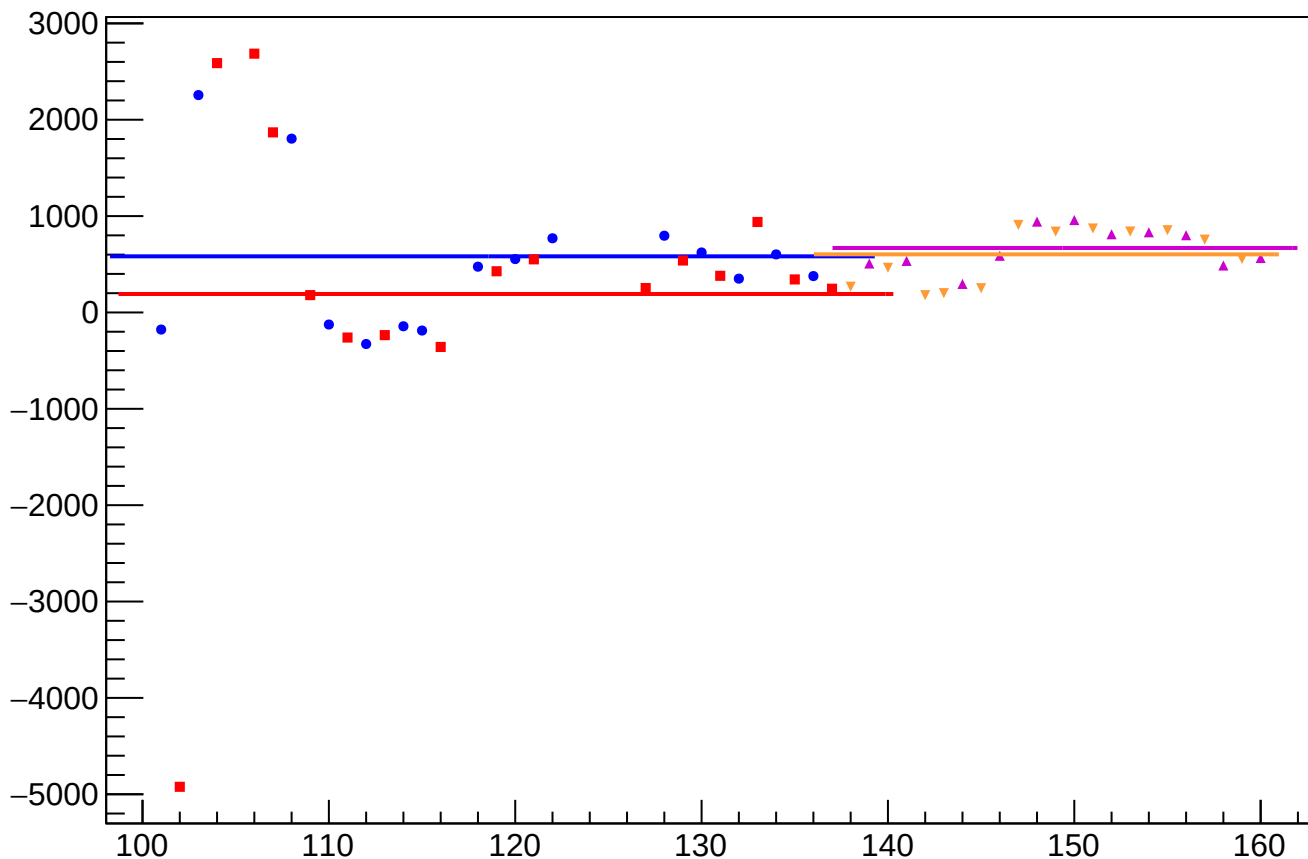
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 603.094+/-0.000 χ^2/NDF : 68810038419463001004878574988679970816.0/11

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 669.155+/-0.000 χ^2/NDF : 39481195240563617253842230522616479744.0/10

+ sign 594.514+/-0.000 χ^2/NDF : 407769521673703

All: 531.231+/-0.000 χ^2/NDF : 271680523727

- sign 468.943+/-0.000 χ^2/NDF : 229659160910176

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

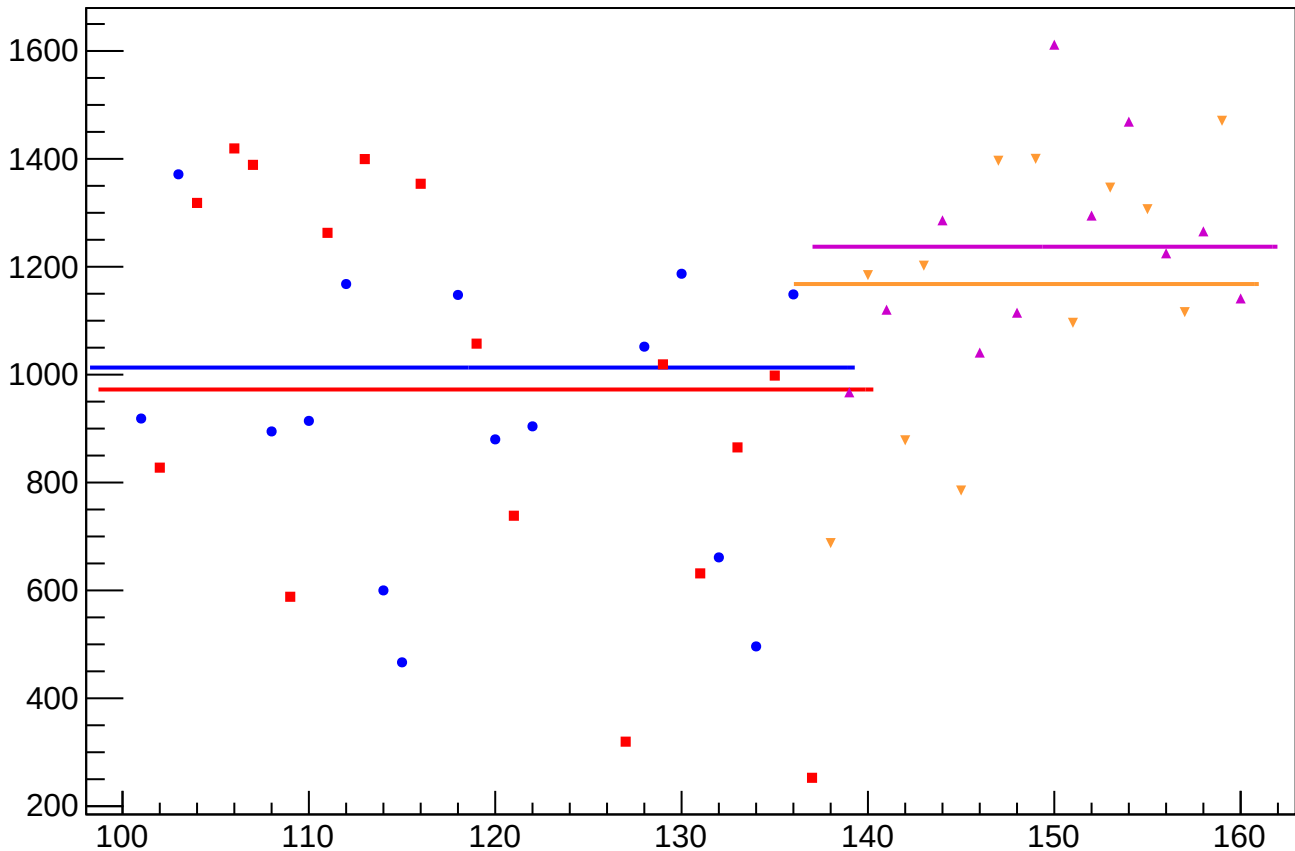
Left Out: 141.867+/-0.000 χ^2/NDF : 675701485078594006846282081211777024.0/11

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

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

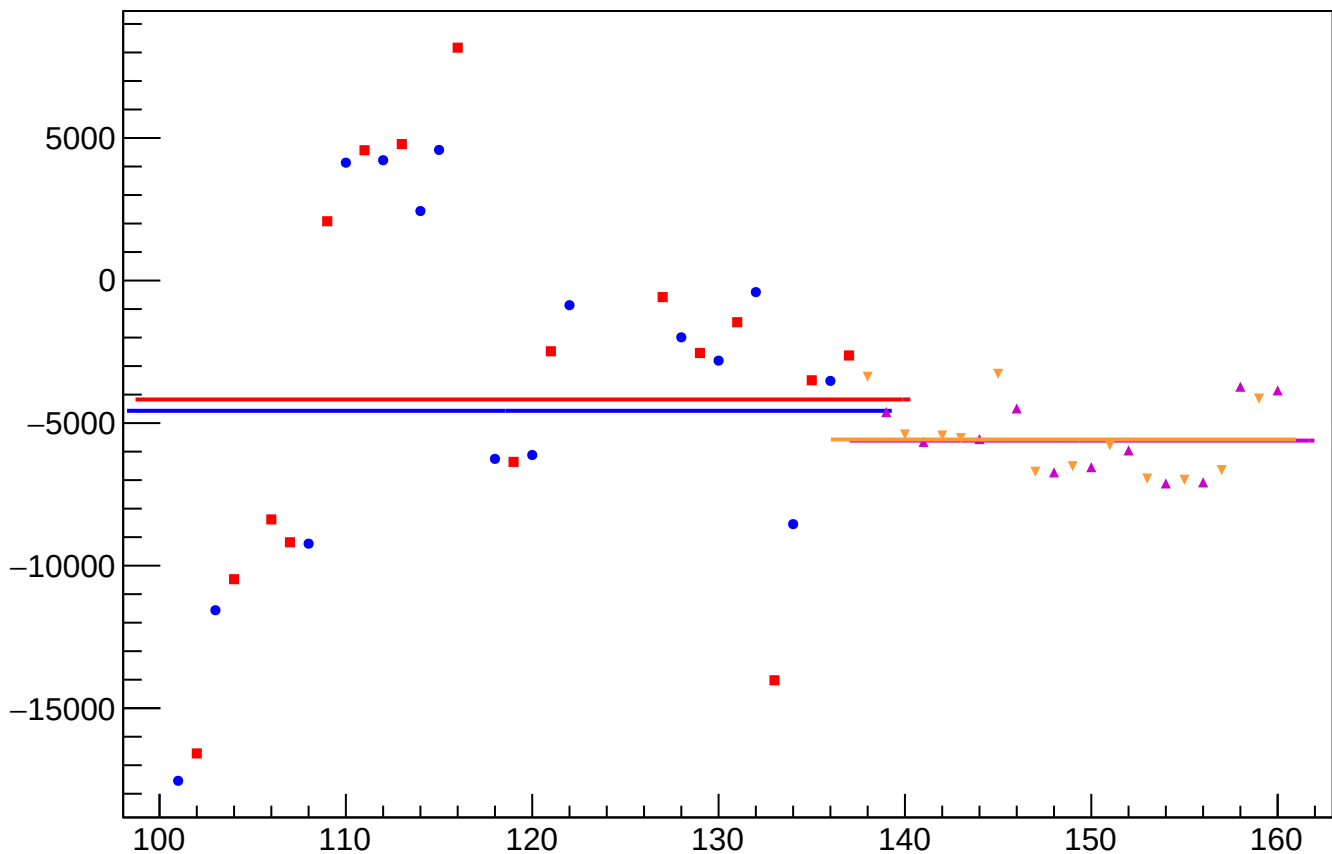
χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

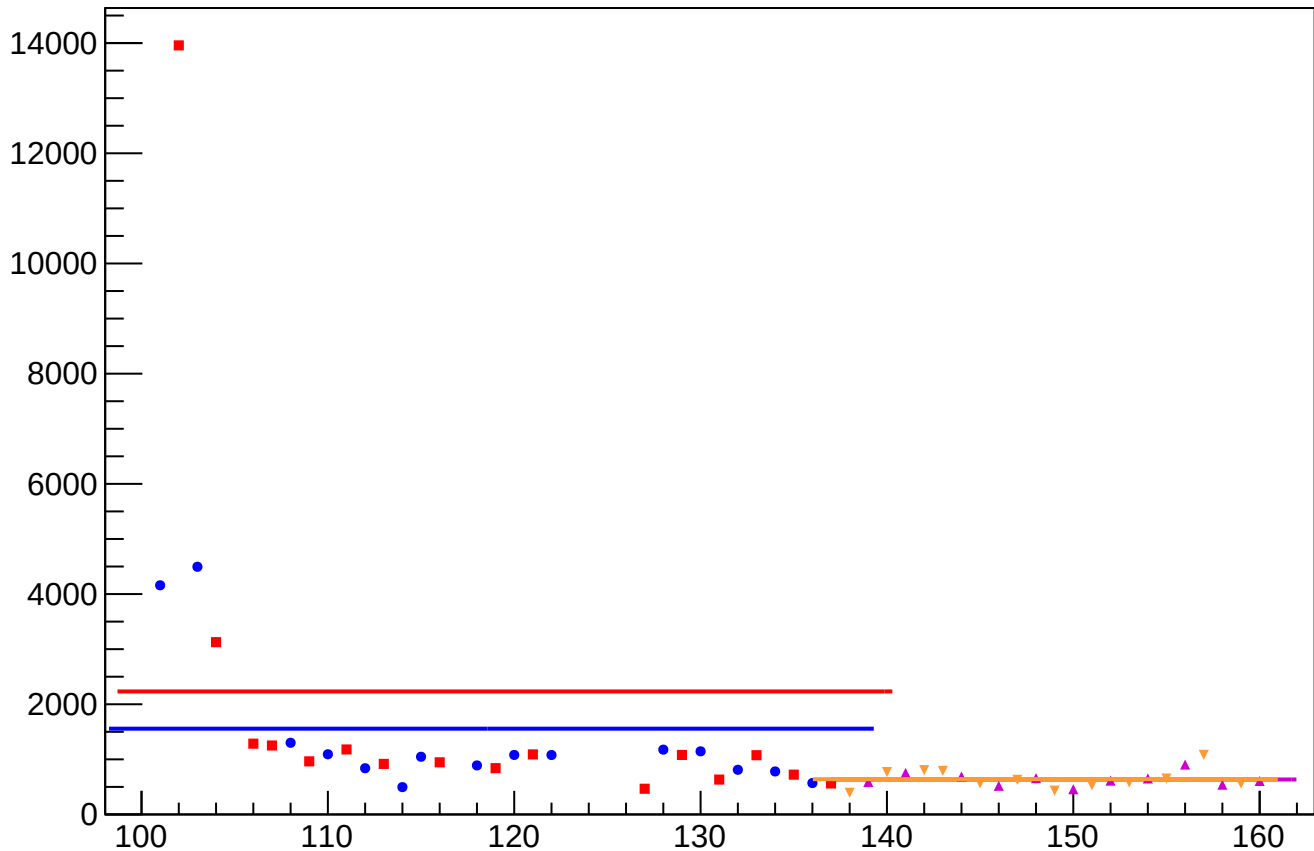
dit_atr2_coil6_mean vs Slug



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

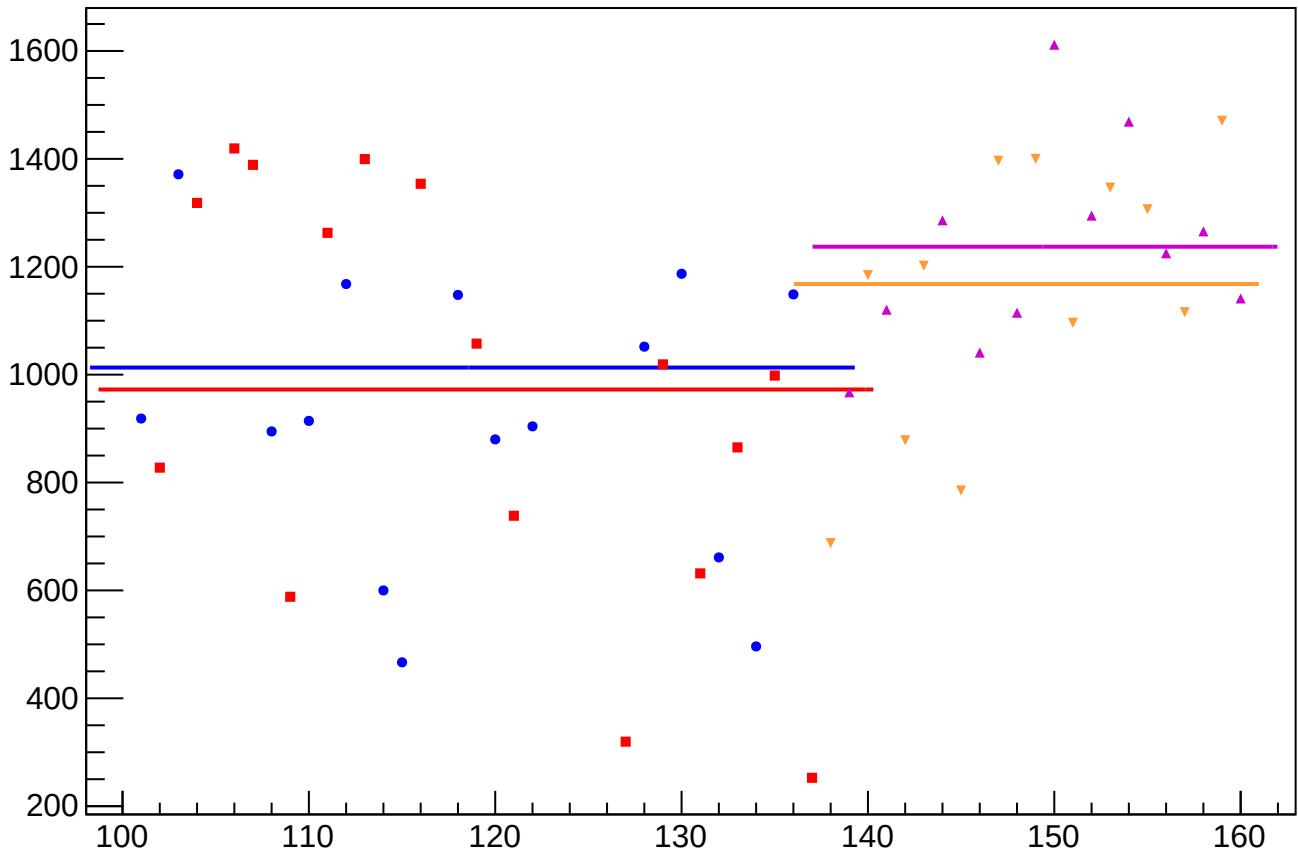
+ sign -5157.241+/-0.000 χ^2/NDF : 2614216939022
 All: -5082.223+/-0.000 χ^2/NDF : 5920488345
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

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

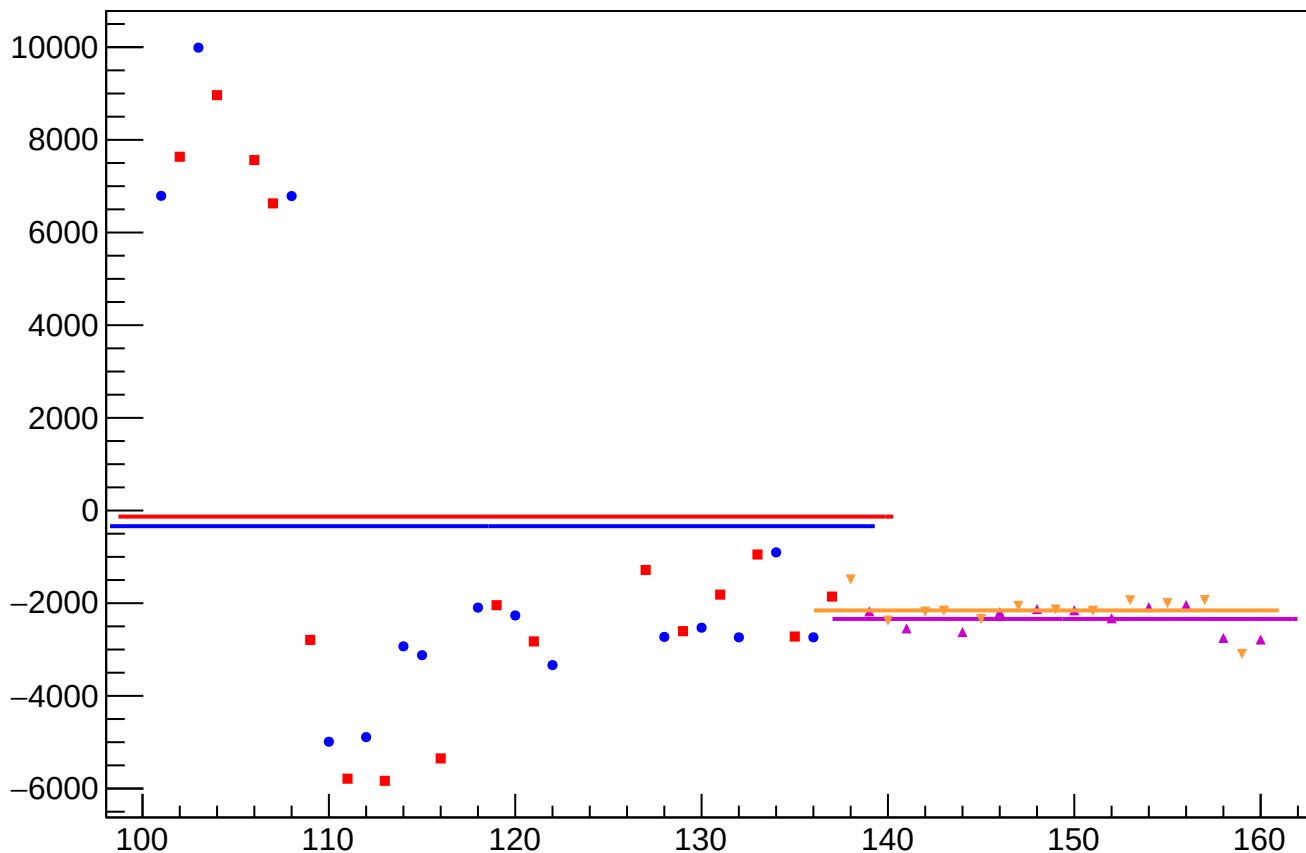
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

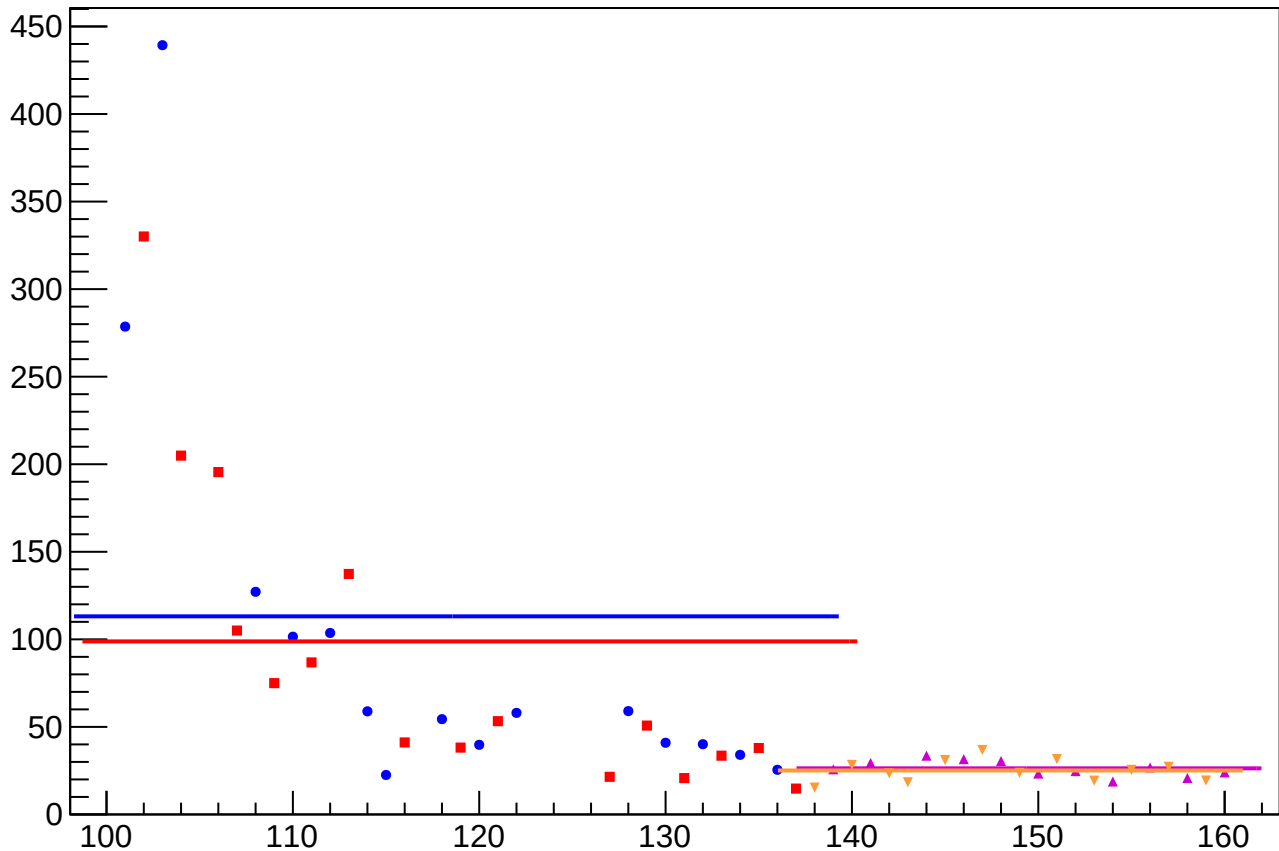
dit_sam1_coil6_mean vs Slug



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

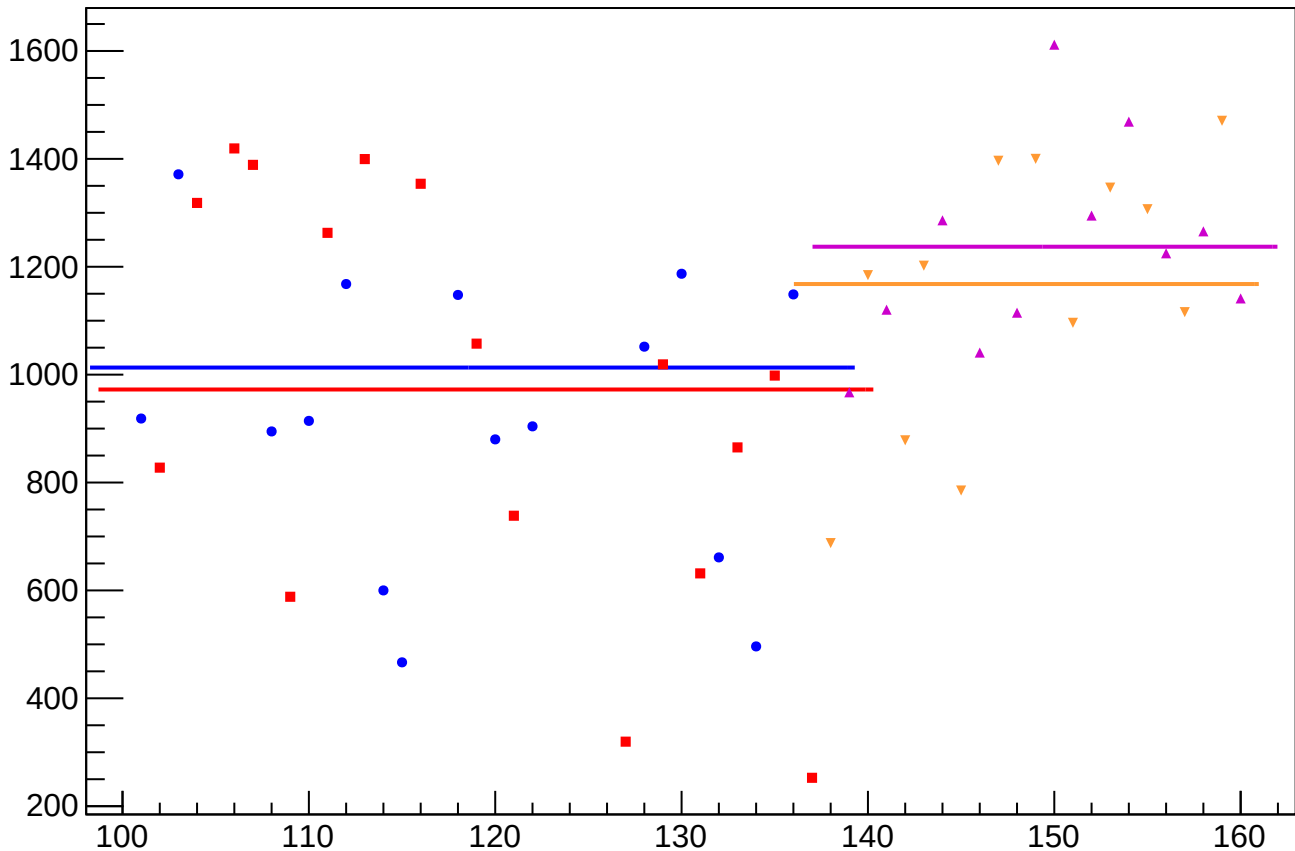
+ sign -1402.379+/-0.000 χ^2/NDF : 1653167827528
 All: -1408.202+/-0.000 χ^2/NDF : 3495655876
 - sign -1413.933+/-0.000 χ^2/NDF : 18424775138160

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

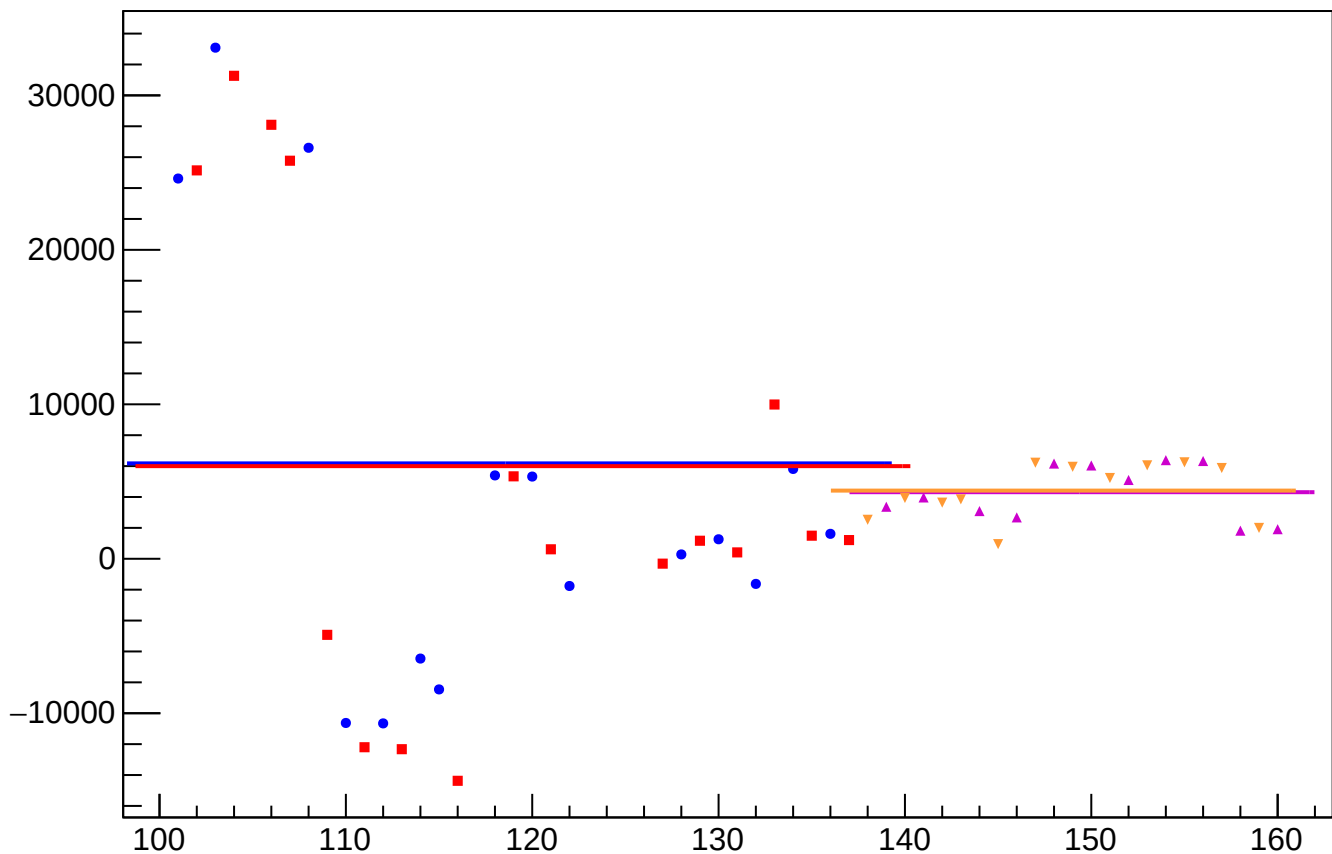
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

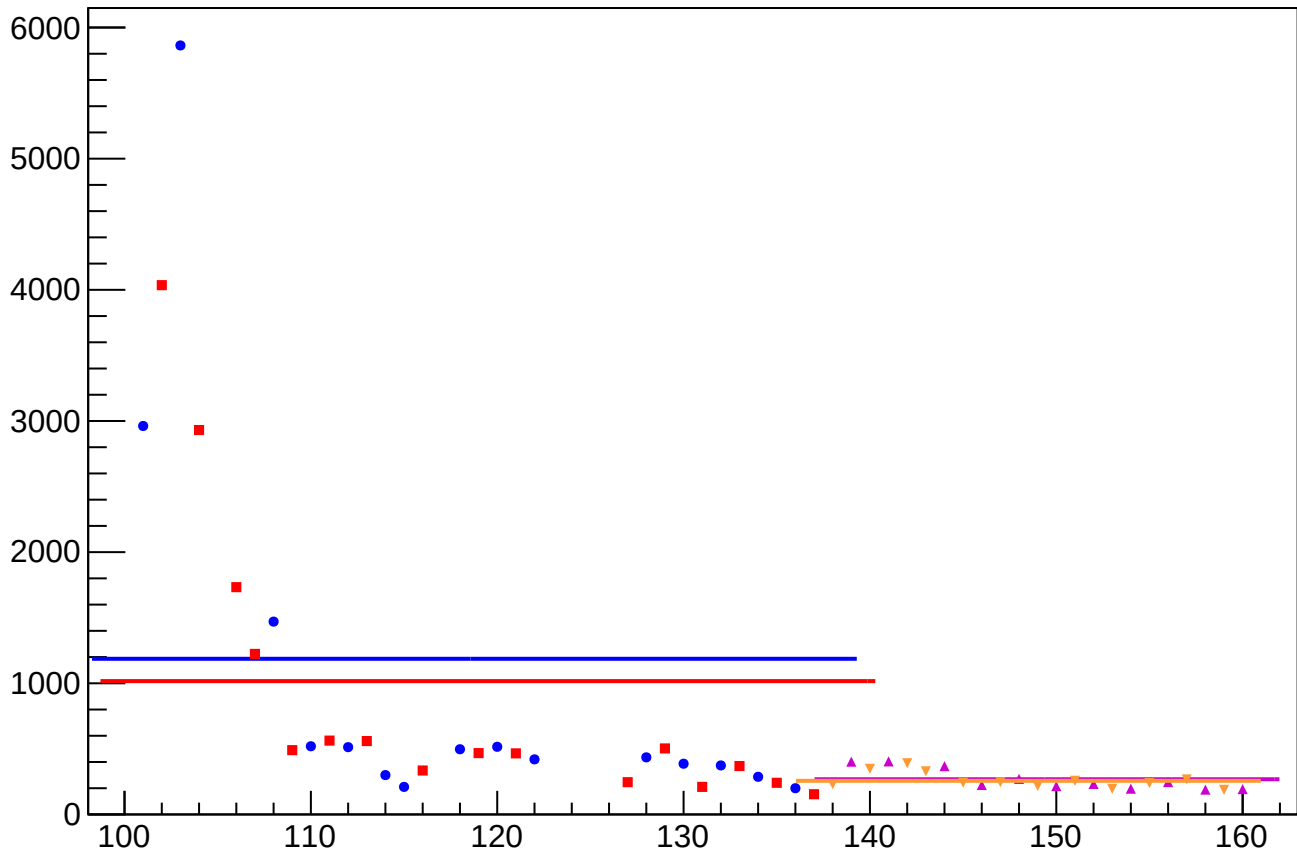
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam2_coil6_mean vs Slug



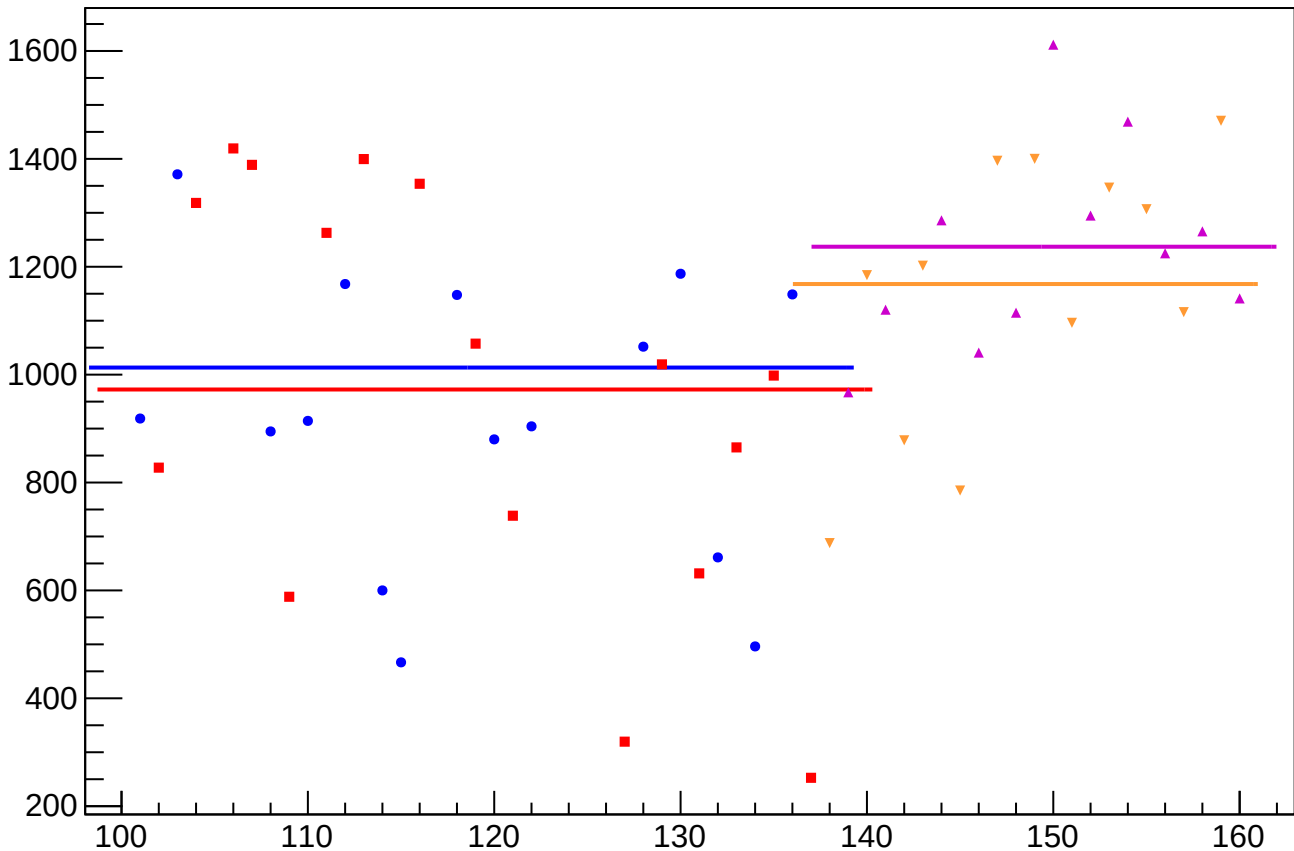
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4413.614+/-0.000 χ^2/NDF : 2955972864027480615108884679842756296704.0/11
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4310.541+/-0.000 χ^2/NDF : 2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 256.413 $\pm$ 0.000 χ^2 /NDF: 2796377992740210527233445839838904320.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 All: 611.860 $\pm$ 0.000 χ^2 /NDF: 328145858108
 + sign 642.014 $\pm$ 0.000 χ^2 /NDF: 212825698662926
 - sign 582.179 $\pm$ 0.000 χ^2 /NDF: 115037612749111

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-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

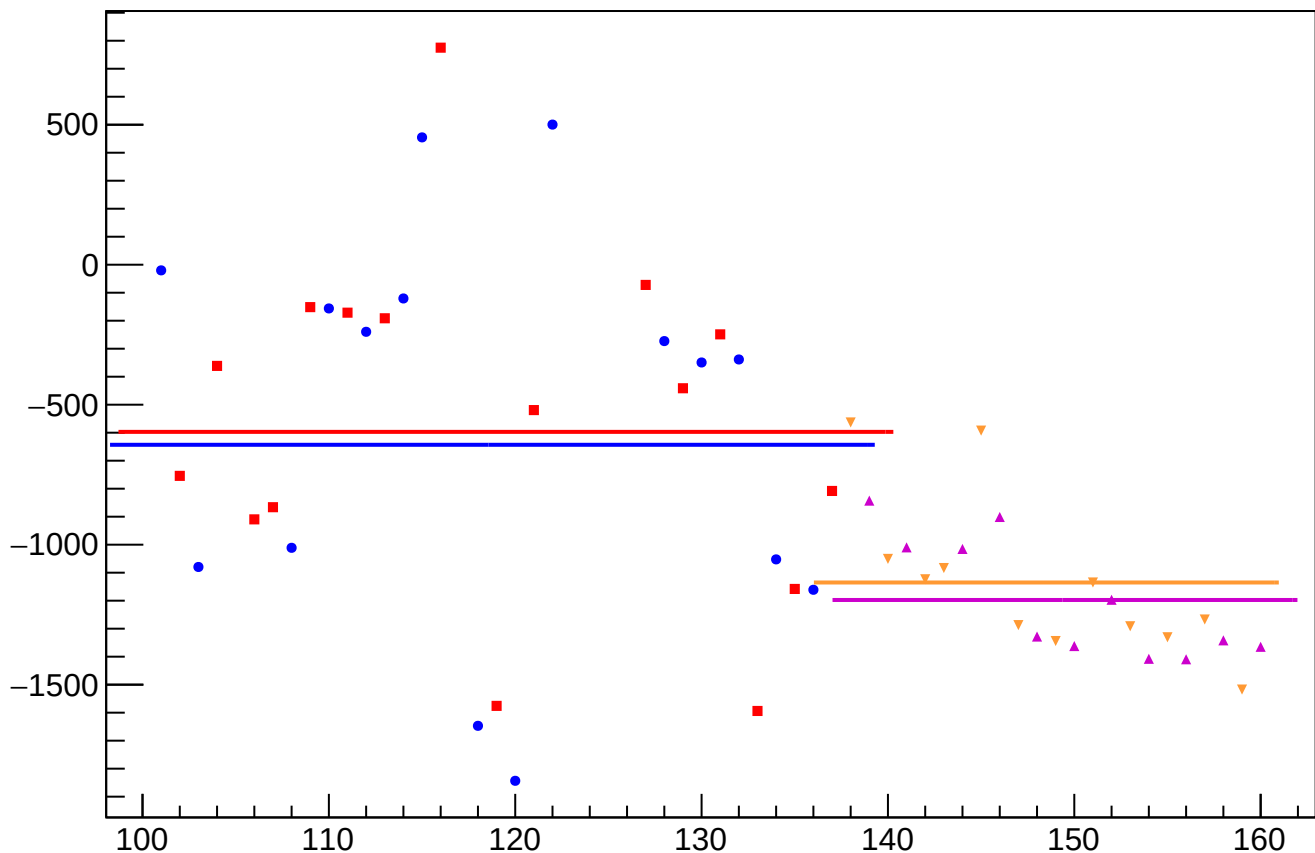
χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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 $\chi^2/\text{NDF}: 272726964608206694027285159784925364224.0/14$

Left Out: -1135.033 ± 0.000 $\chi^2/\text{NDF}: 73789817632186163776632146016354697216.0/11$

Right Out: -597.043 ± 0.000 $\chi^2/\text{NDF}: 210733370798031449363504004319005376512.0/15$

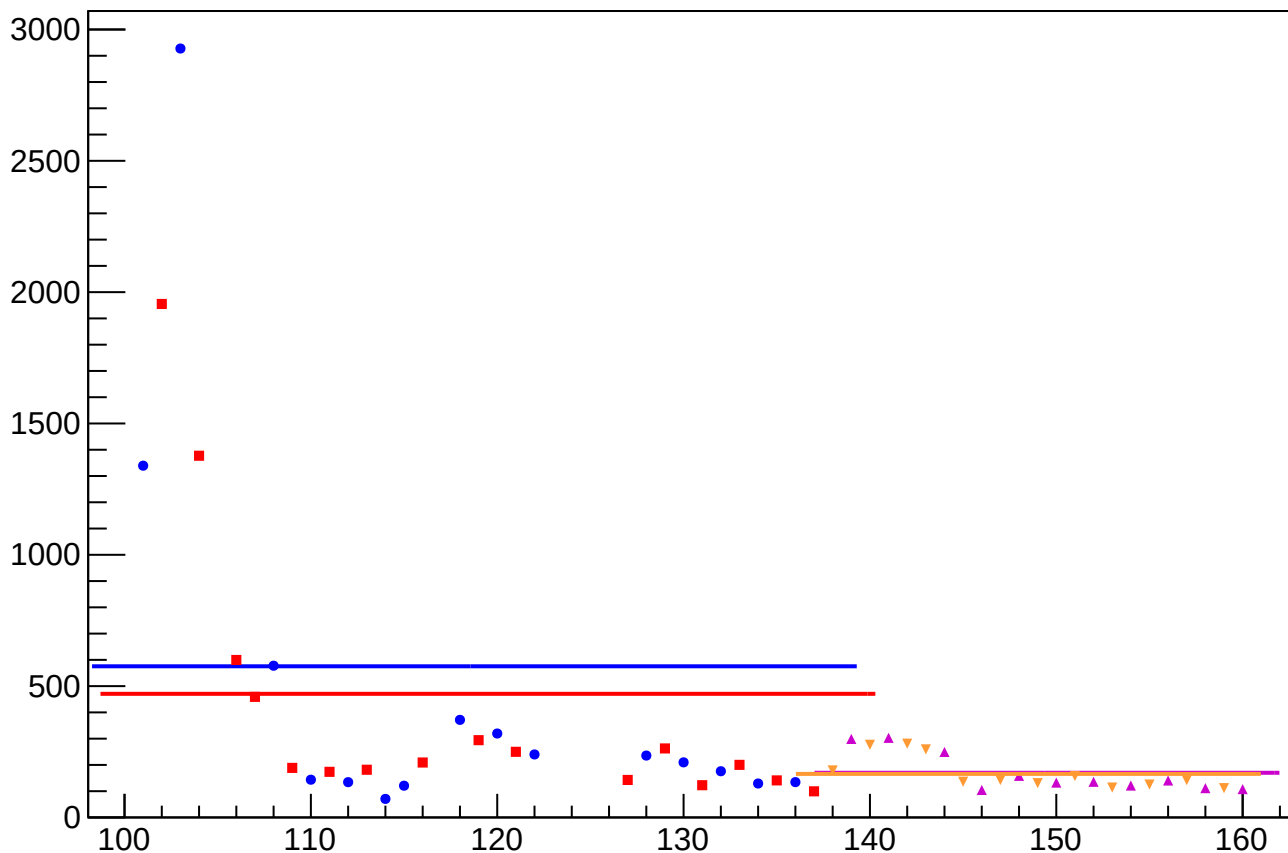
Left In: -1197.503 ± 0.000 $\chi^2/\text{NDF}: 38624722141560961102710570239066636288.0/10$

+ sign -931.209 ± 0.000 $\chi^2/\text{NDF}: 43844054596659$

All: -938.547 ± 0.000 $\chi^2/\text{NDF}: 82763369578$

- sign -945.770 ± 0.000 $\chi^2/\text{NDF}: 389025821558760$

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

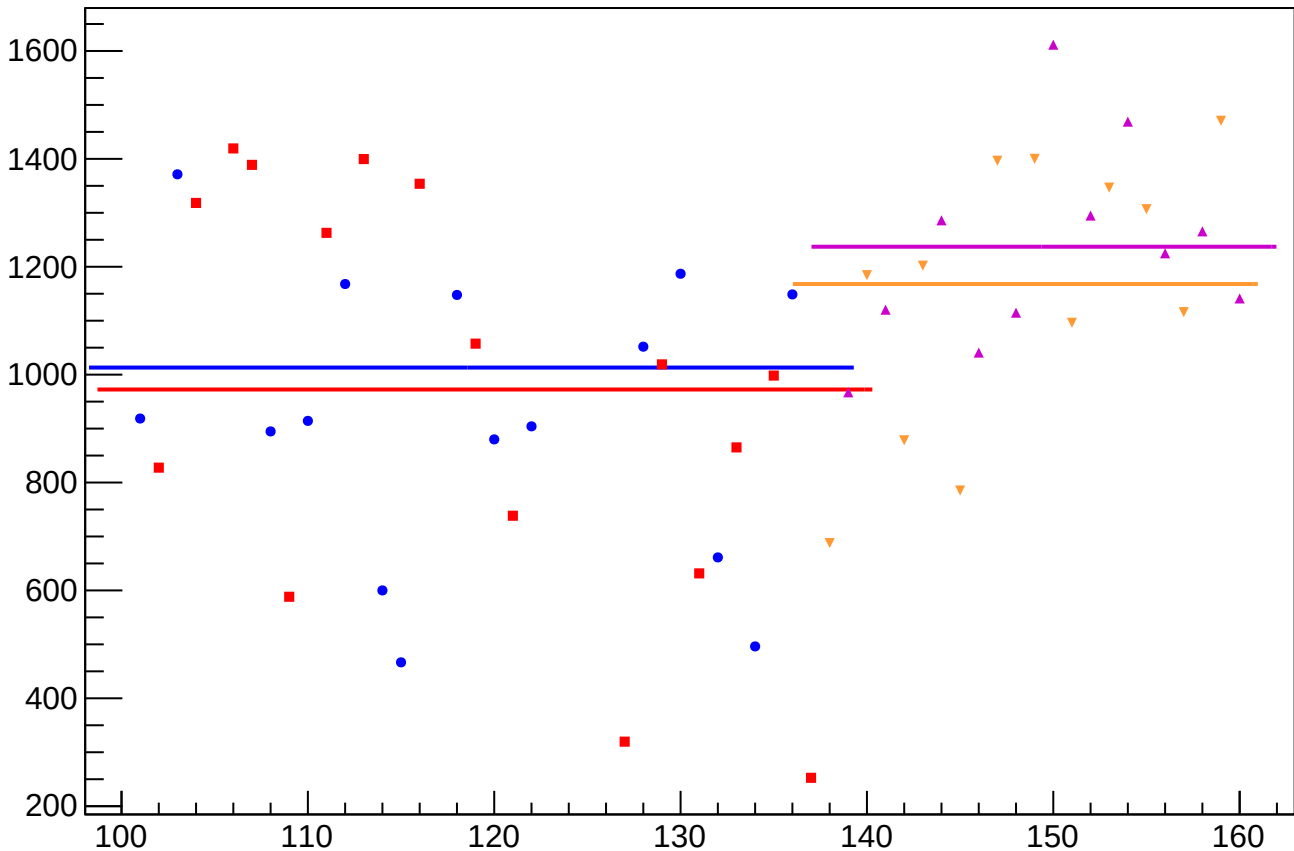
Left In: 170.082+/-0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

+ sign 335.612+/-0.000 χ^2/NDF : 499551292121539

All: 315.709+/-0.000 χ^2/NDF : 74995493636

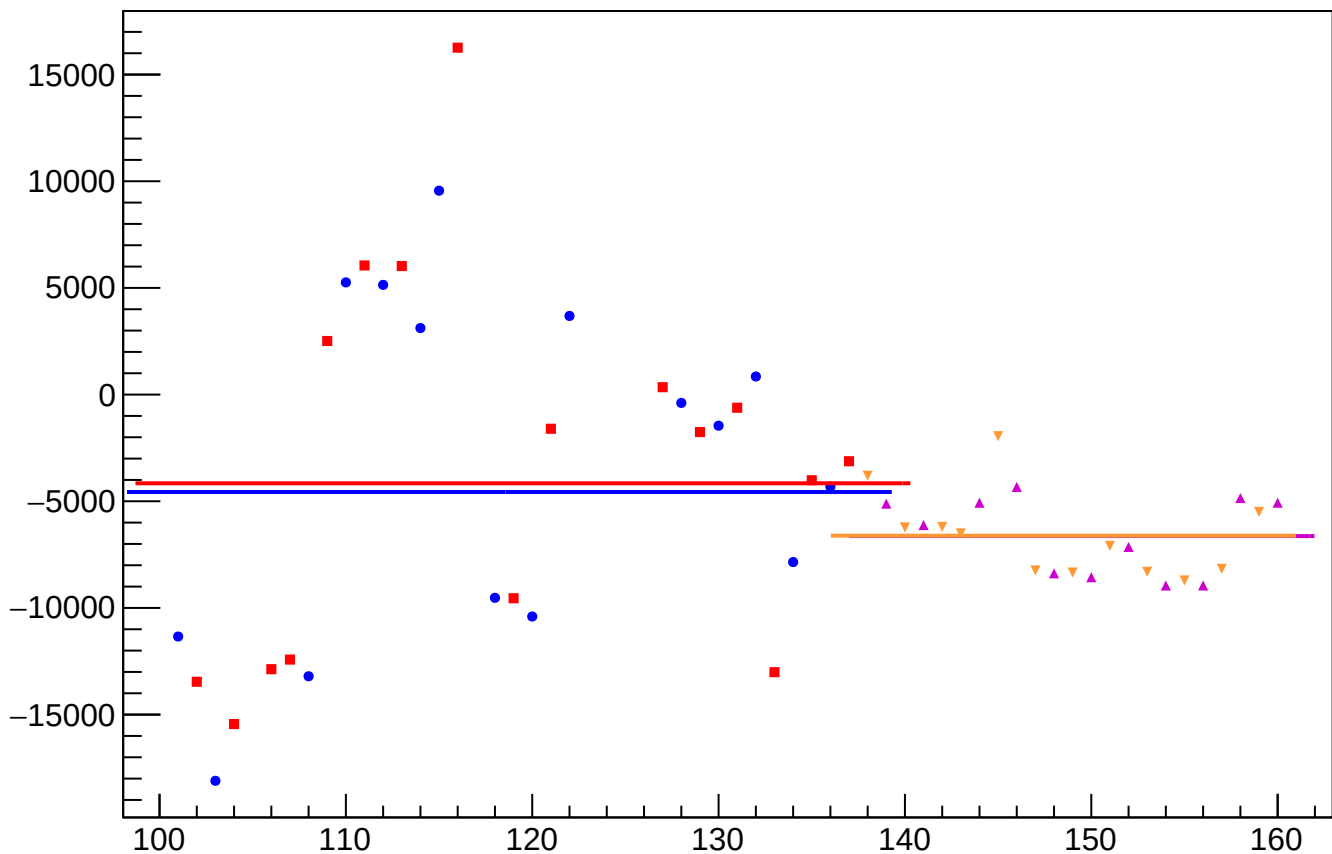
- sign 296.118+/-0.000 χ^2/NDF : 249172631287531

dit_sam3_coil6_Ndata_mean vs Slug



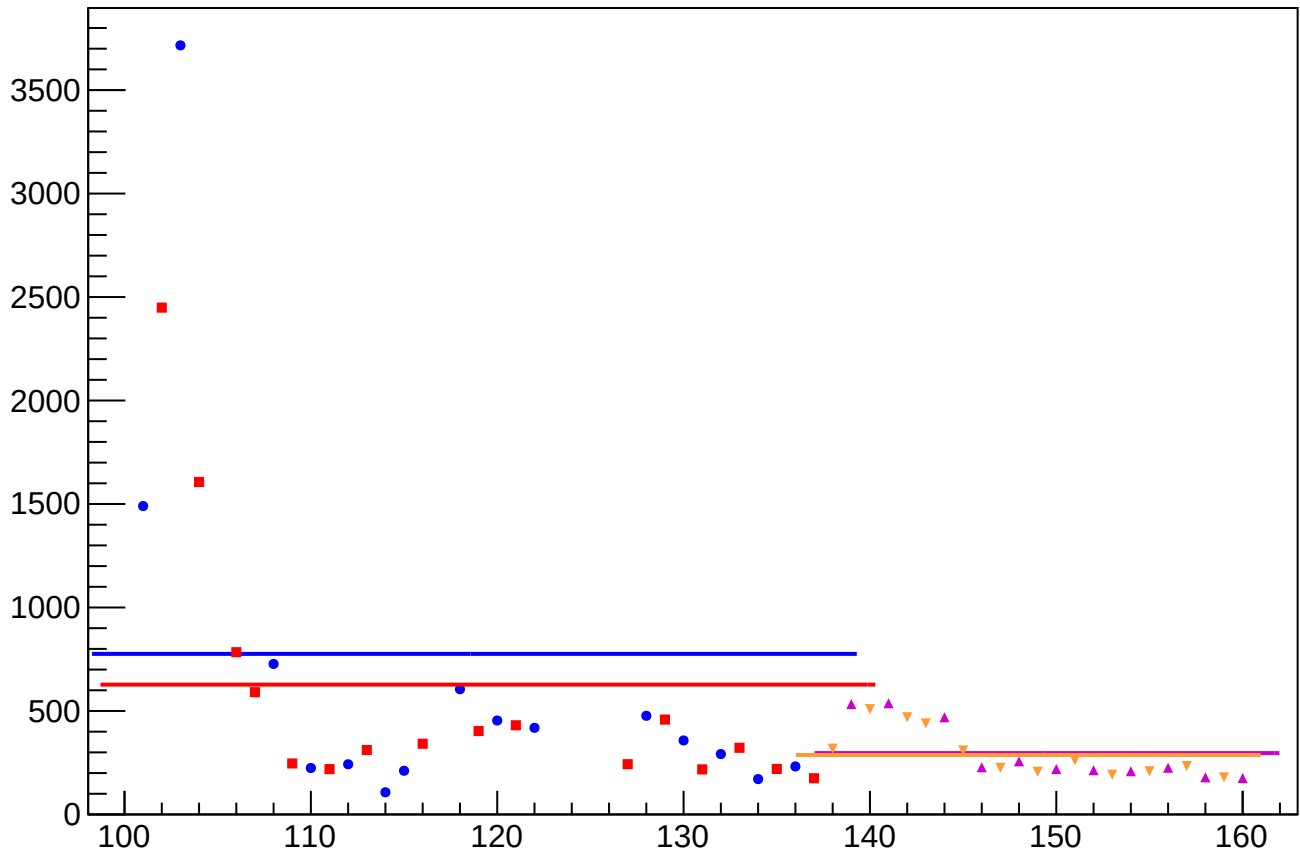
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974 $\pm$ 0.000 χ^2 /NDF: 54610138783870430946405205692756525056.0/11
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 $\pm$ 0.000 χ^2 /NDF: 30323445843993737164691986740223672320.0/10

dit_sam4_coil6_mean vs Slug



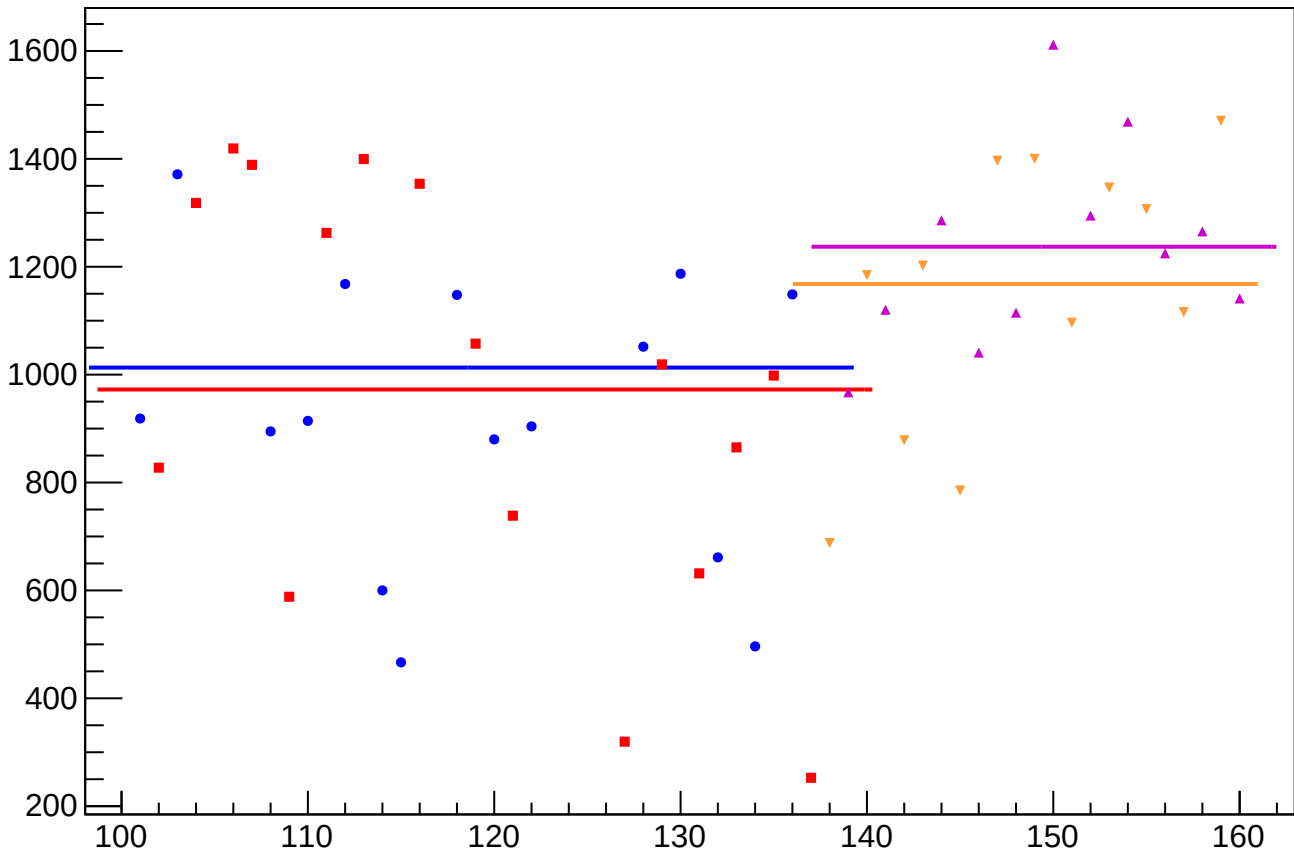
Right In: -4565.412 ± 0.000 $\chi^2/\text{NDF}: 35667768247432289984899042725155487875072.0/14$
 Left Out: -6612.752 ± 0.000 $\chi^2/\text{NDF}: 3759909720266492863199038301551573598208.0/11$
 Right Out: -4156.859 ± 0.000 $\chi^2/\text{NDF}: 45539455441659927157708443099930682195968.0/15$
 Left In: -6631.377 ± 0.000 $\chi^2/\text{NDF}: 2831140540306304869921468245145345327104.0/10$

dit_sam4_coil6_err_mean vs Slug



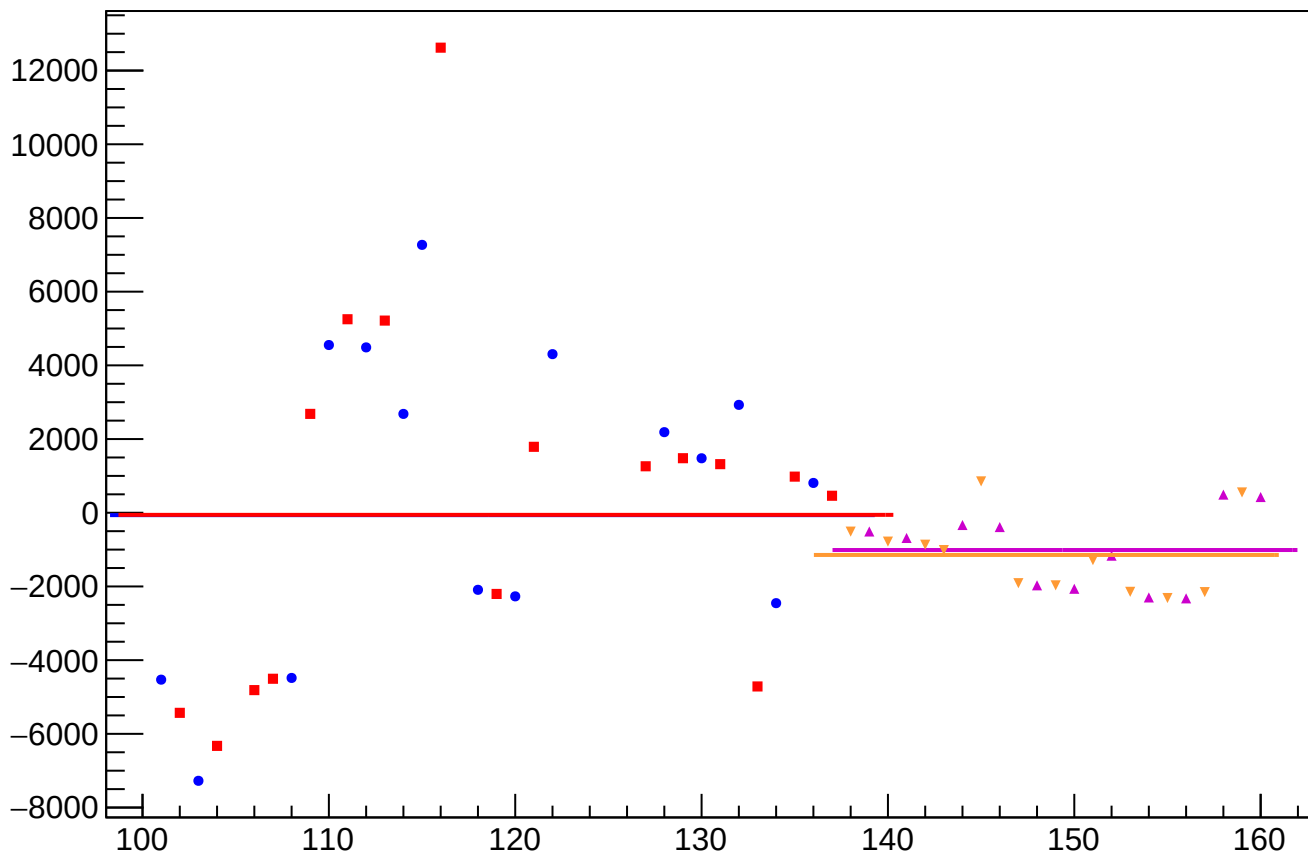
Right In: 775.824 $\pm$ 0.000 χ^2 /NDF: 641856726975740612716432458612629045248.0/14
 Left Out: 287.283 $\pm$ 0.000 χ^2 /NDF: 10557467074341773559479069744616701952.0/11
 Right Out: 627.315 $\pm$ 0.000 χ^2 /NDF: 297517676171111924966086193860621369344.0/15
 Left In: 296.514 $\pm$ 0.000 χ^2 /NDF: 17061879022016484064295210228444561408.0/10

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

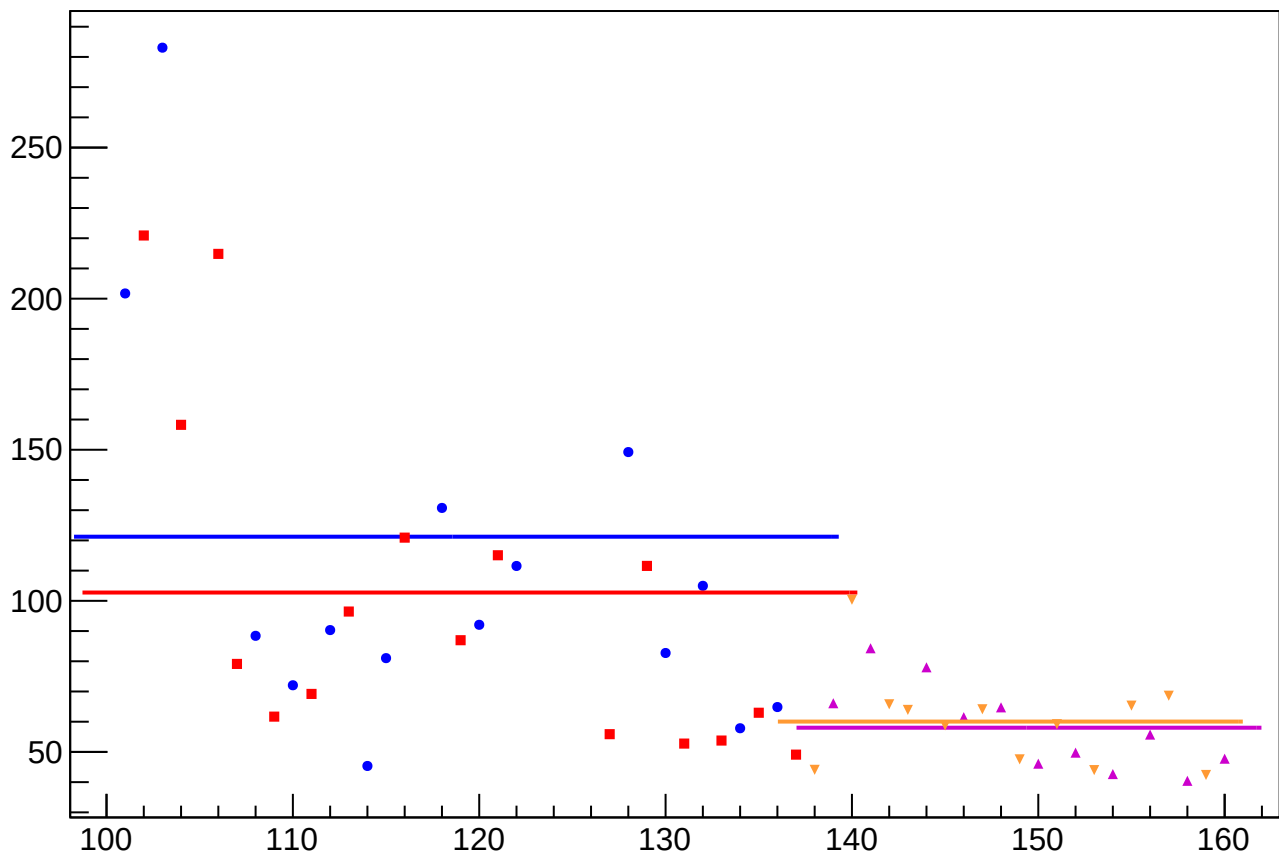
Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: -1011.284+/-0.000 χ^2/NDF : 903909408421874171739001543159795679232.0/10

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

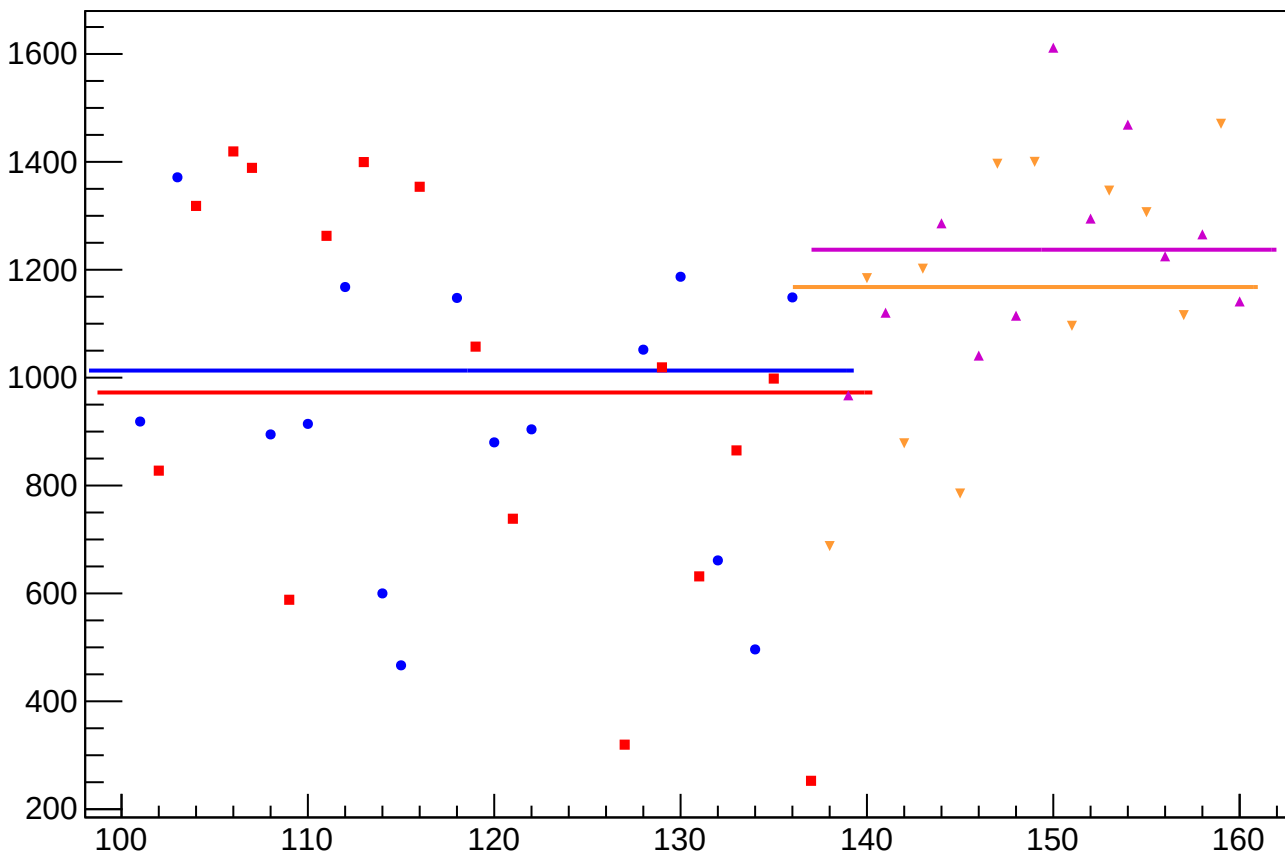
All: 81.049 $\pm$ 0.000 χ^2 /NDF: 7350332917808

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 $\pm$ 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

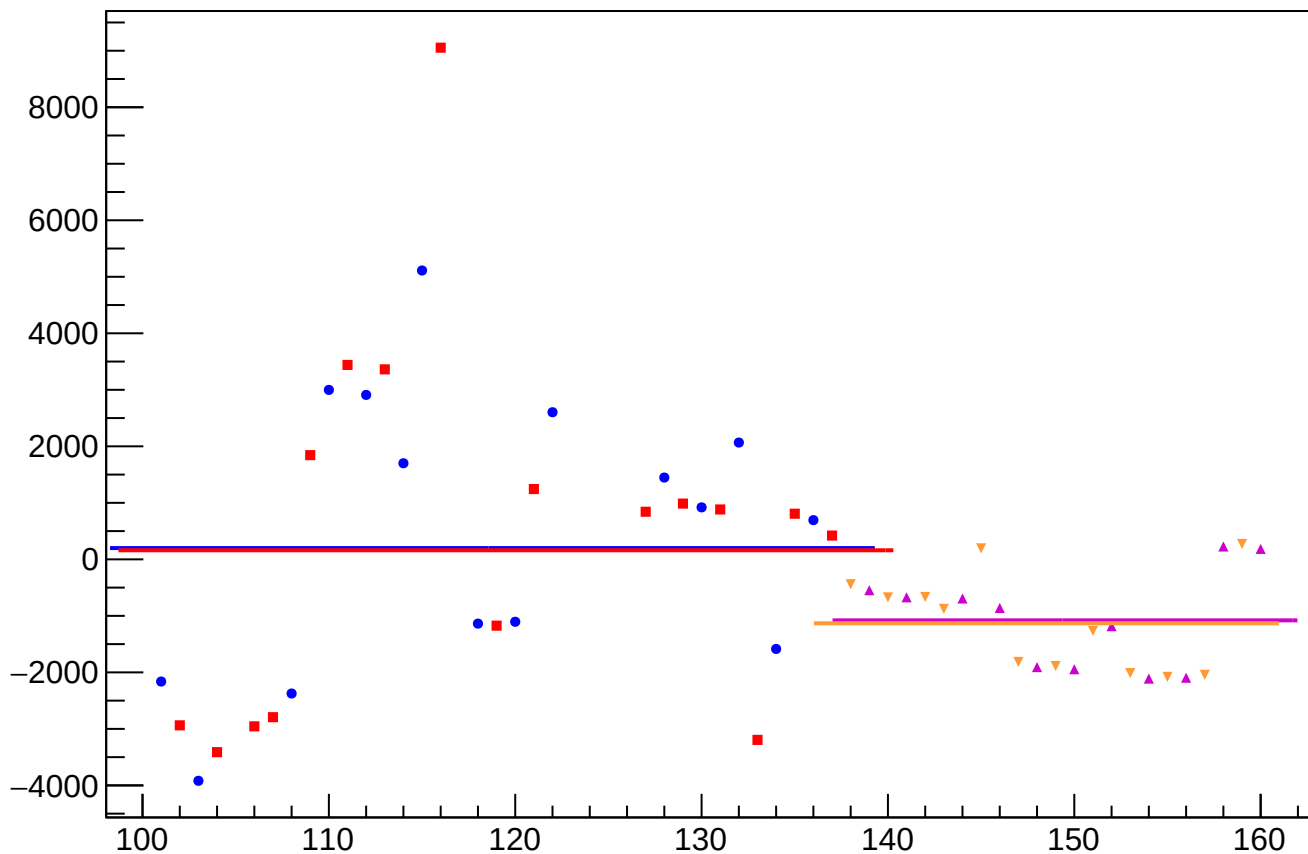
Left In: 1237.150 $\pm$ 0.000 χ^2 /NDF: 30323445843993737164691986740223672320.0/10

+ sign 1103.808 $\pm$ 0.000 χ^2 /NDF: 95441405756272

All: 1115.086 $\pm$ 0.000 χ^2 /NDF: 23218314916

- sign 1126.185 $\pm$ 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

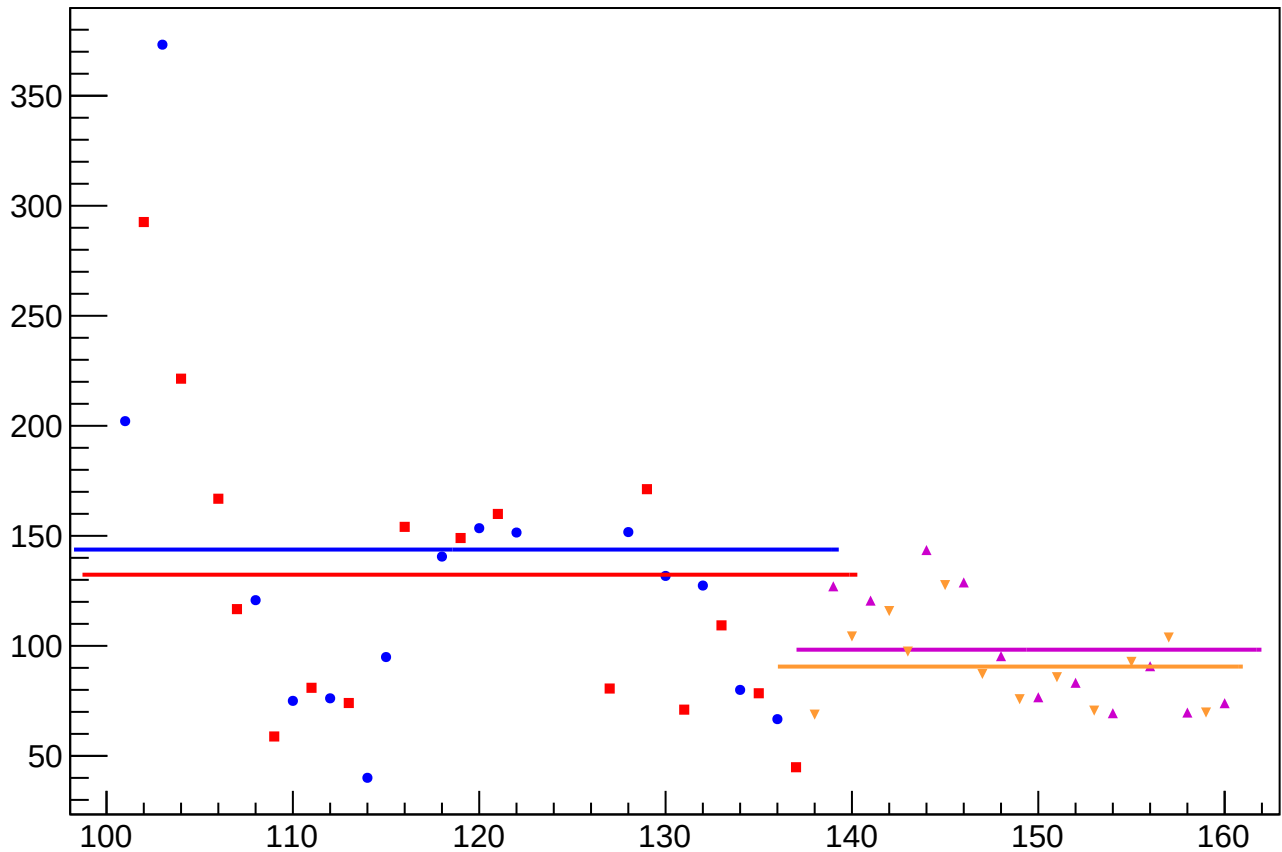
Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

+ sign -580.031+/-0.000 χ^2/NDF : 46000935679809

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+/-0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

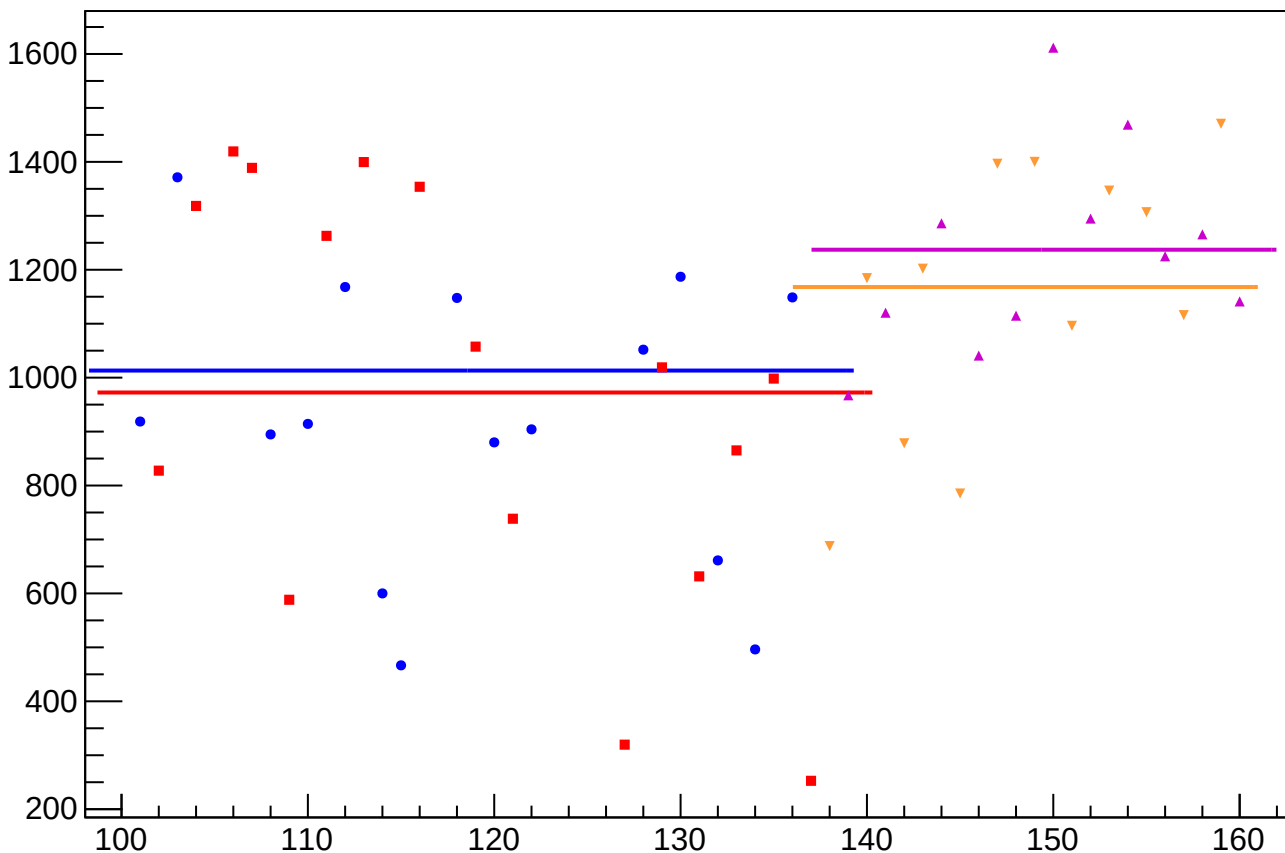
Left Out: 90.584+/-0.000 χ^2/NDF : 300208511037372941883923935499649024.0/11

Right Out: 132.341+/-0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

Left In: 98.257+/-0.000 χ^2/NDF : 620993776773093393303369428470792192.0/10

All: 112.584+/-0.000 χ^2/NDF : 101348411349

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

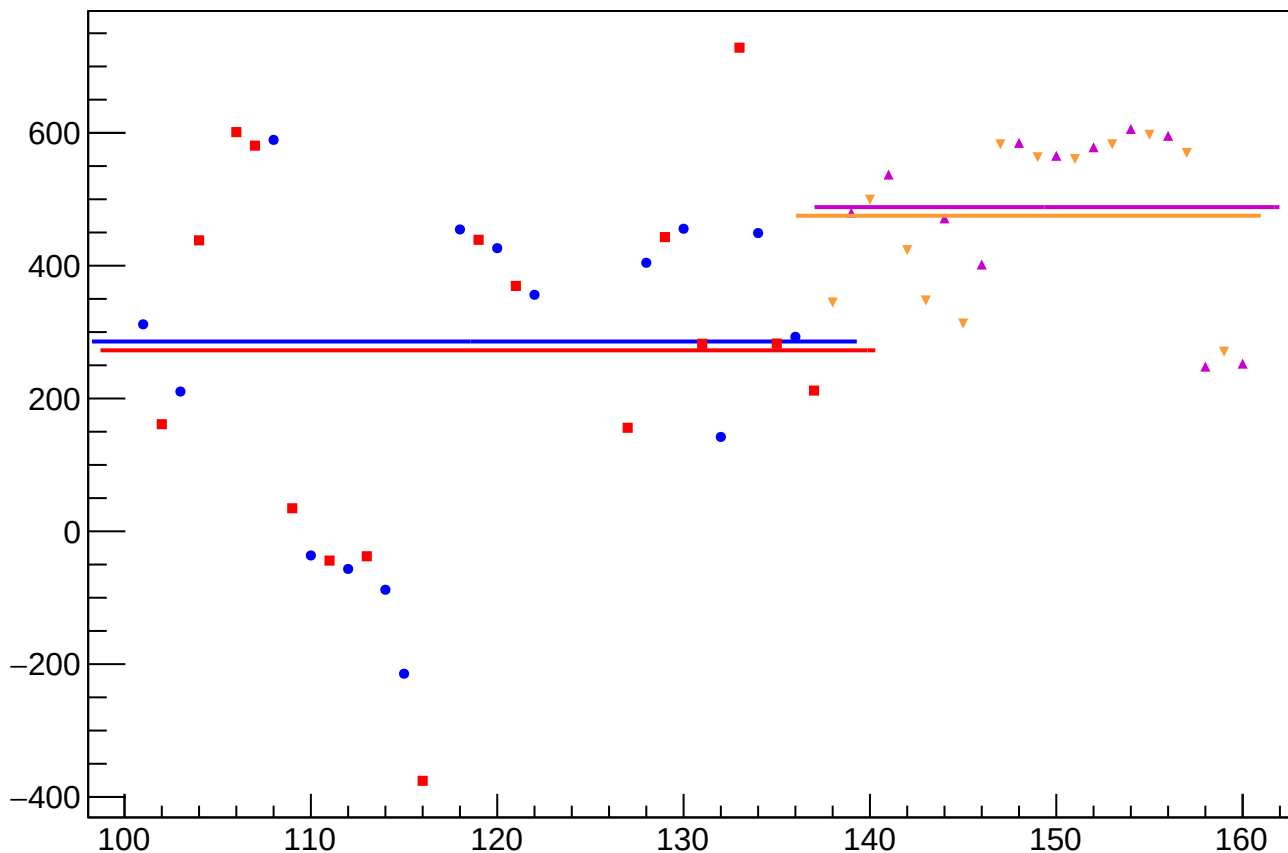
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 475.235+/-0.000 χ^2/NDF : 13070818687465126874075480521523068928.0/11

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

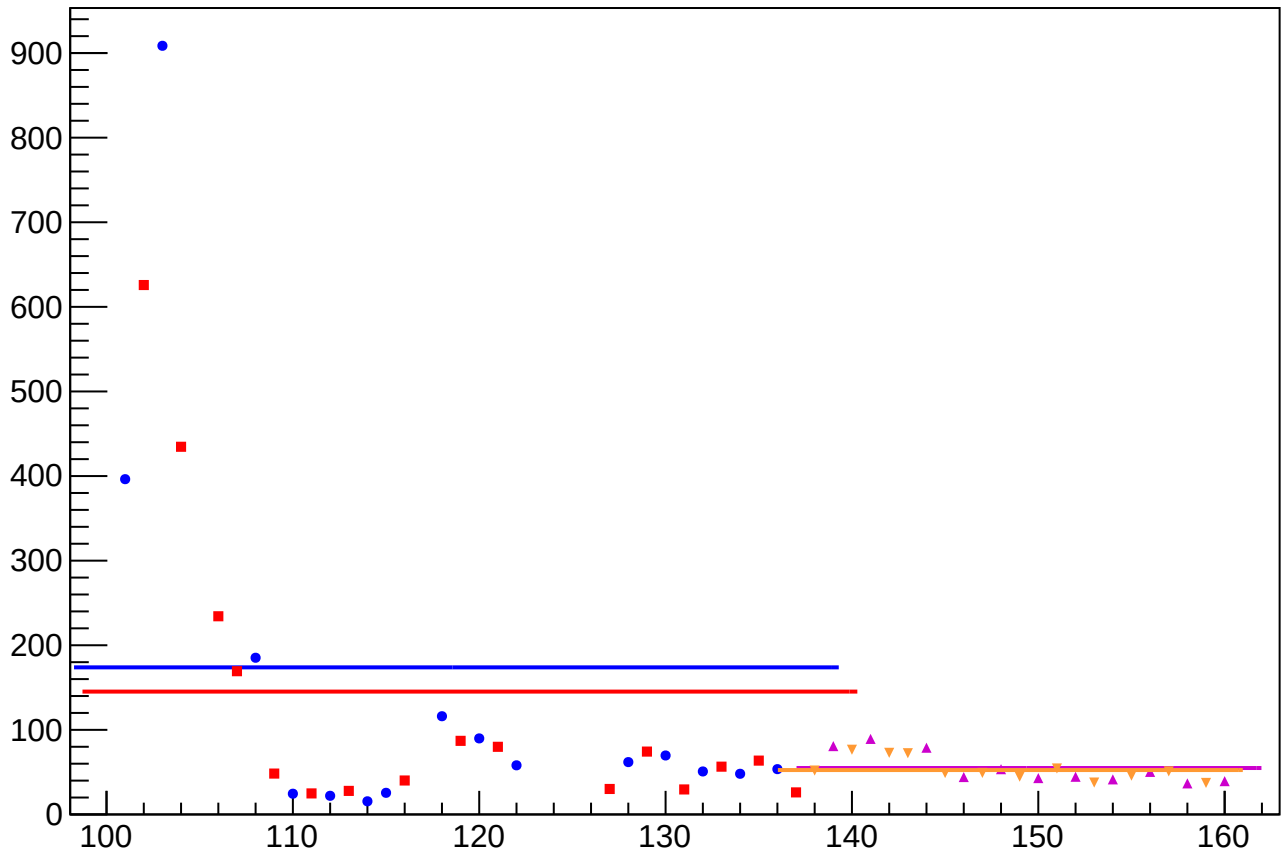
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ sign 396.751+/-0.000 χ^2/NDF : 508087742294544

All: 397.274+/-0.000 χ^2/NDF : 12680558344

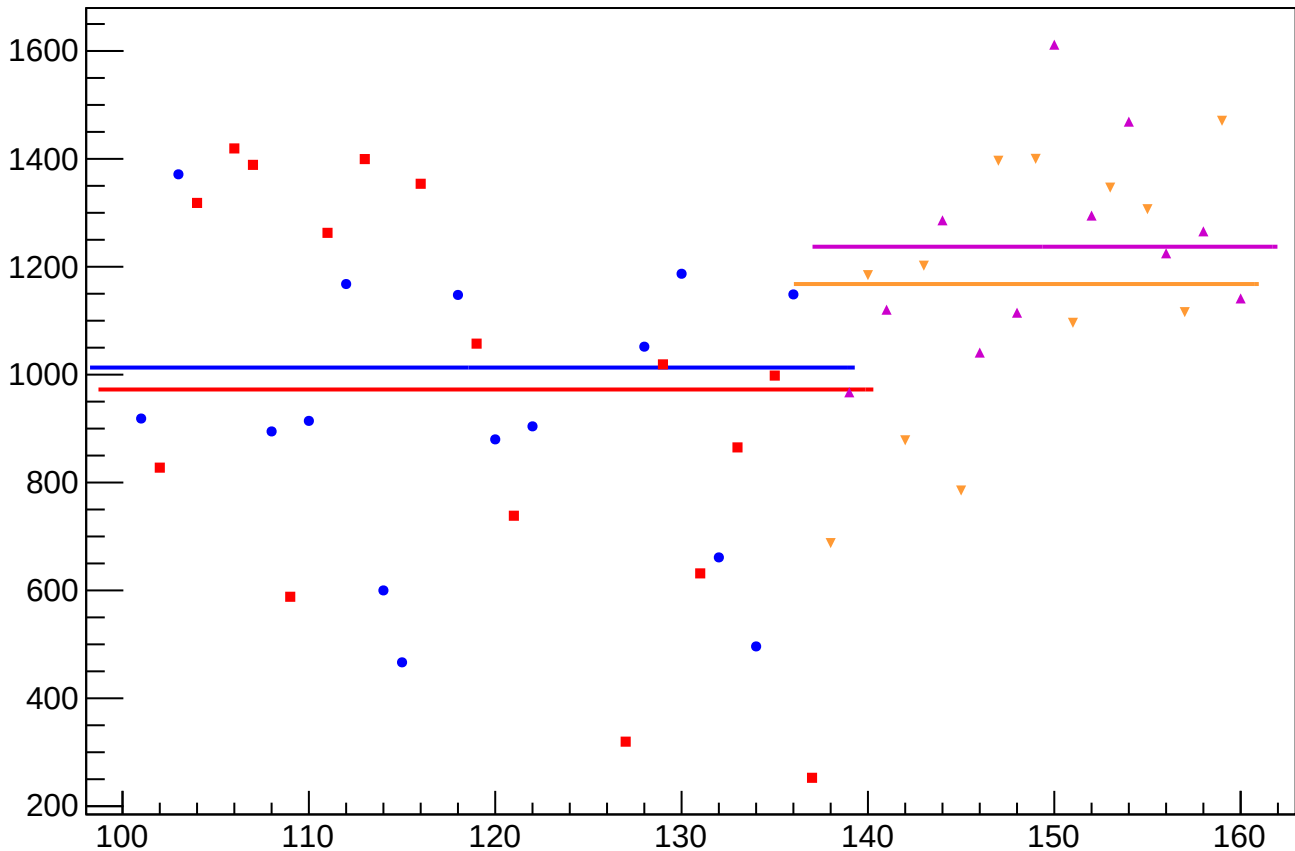
- sign 397.790+/-0.000 χ^2/NDF : 759959573910775

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000	χ^2/NDF : 41705473404466232613073704554990665728.0/14	+ sign 102.790+/-0.000	χ^2/NDF : 474462044613621
Left Out: 52.484+/-0.000	χ^2/NDF : 140982522312355375266483802671677440.0/11	All: 97.737+/-0.000	χ^2/NDF : 7351678638524
Right Out: 145.228+/-0.000	χ^2/NDF : 22529615719408594720785265744437837824.0/15	- sign 92.763+/-0.000	χ^2/NDF : 2599123168114386
Left In: 54.891+/-0.000	χ^2/NDF : 300358274506113612486338175884591104.0/10		

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

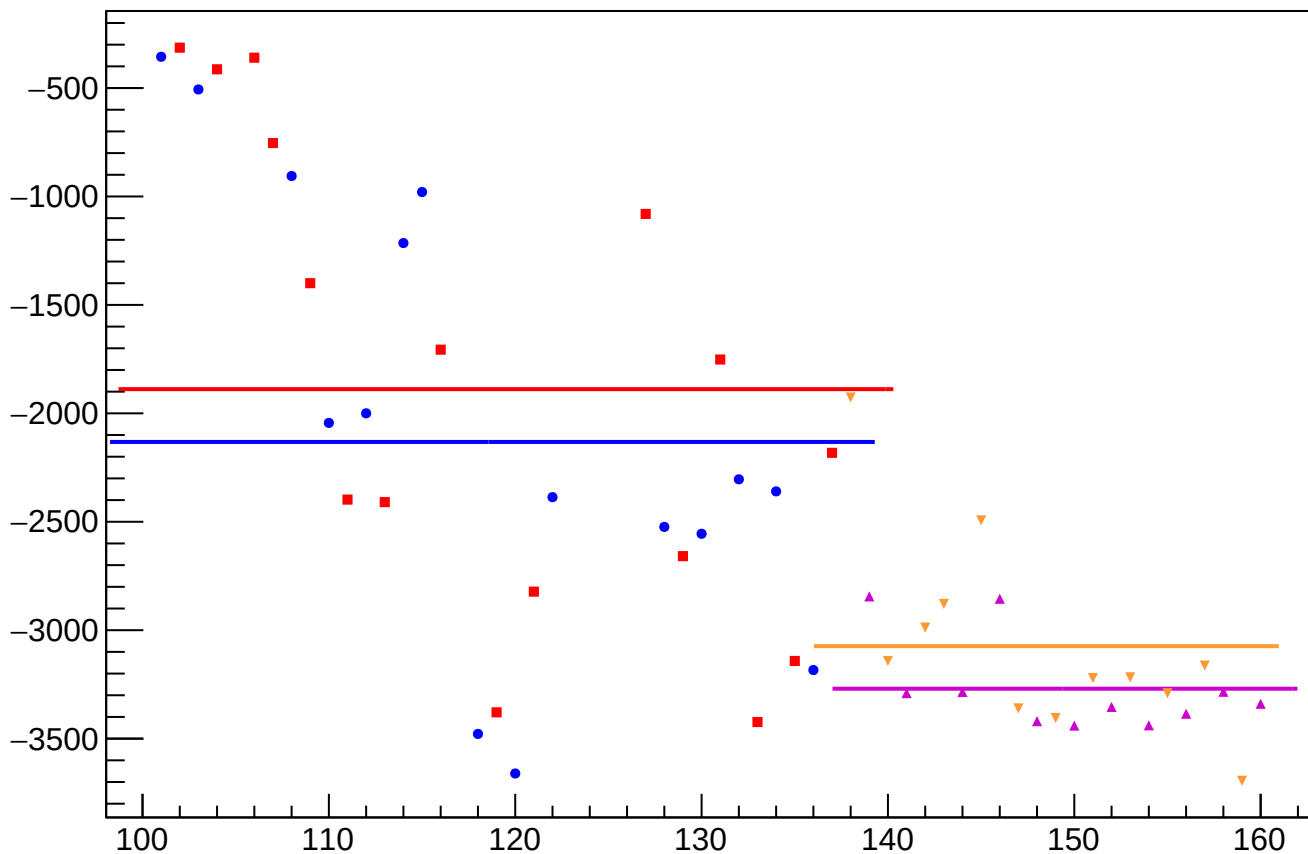
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

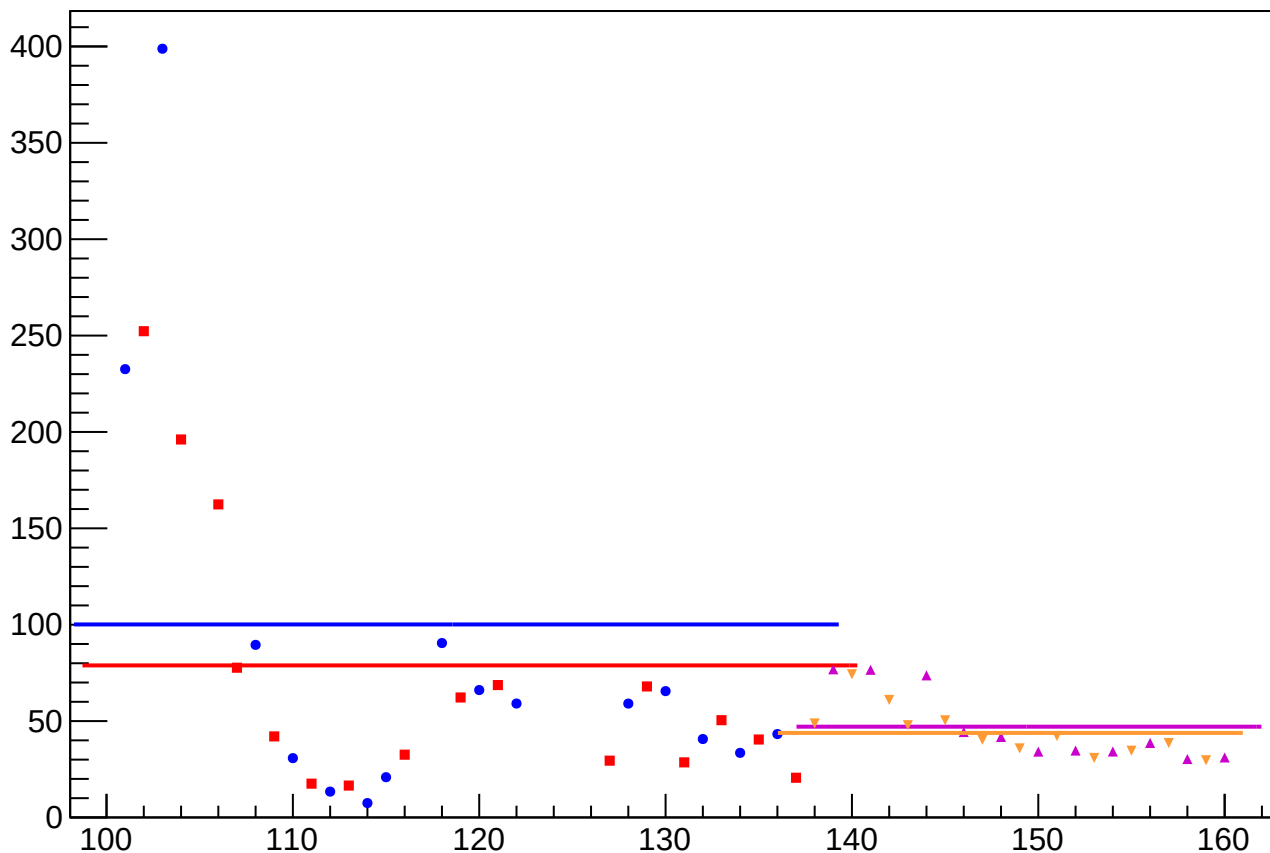
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam8_coil6_mean vs Slug



Right In: -2131.905 ± 0.000 $\chi^2/\text{NDF}: 722433384570495071131450661983670501376.0/14$
 Left Out: -3073.640 ± 0.000 $\chi^2/\text{NDF}: 187385582436852783779369611000994070528.0/11$
 Right Out: -1888.448 ± 0.000 $\chi^2/\text{NDF}: 791986665551980691032719862611769819136.0/15$
 Left In: -3269.755 ± 0.000 $\chi^2/\text{NDF}: 38098096180391062431092176239781216256.0/10$

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 43.850+/-0.000 χ^2/NDF : 141916966921802590982612264966684672.0/11

Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

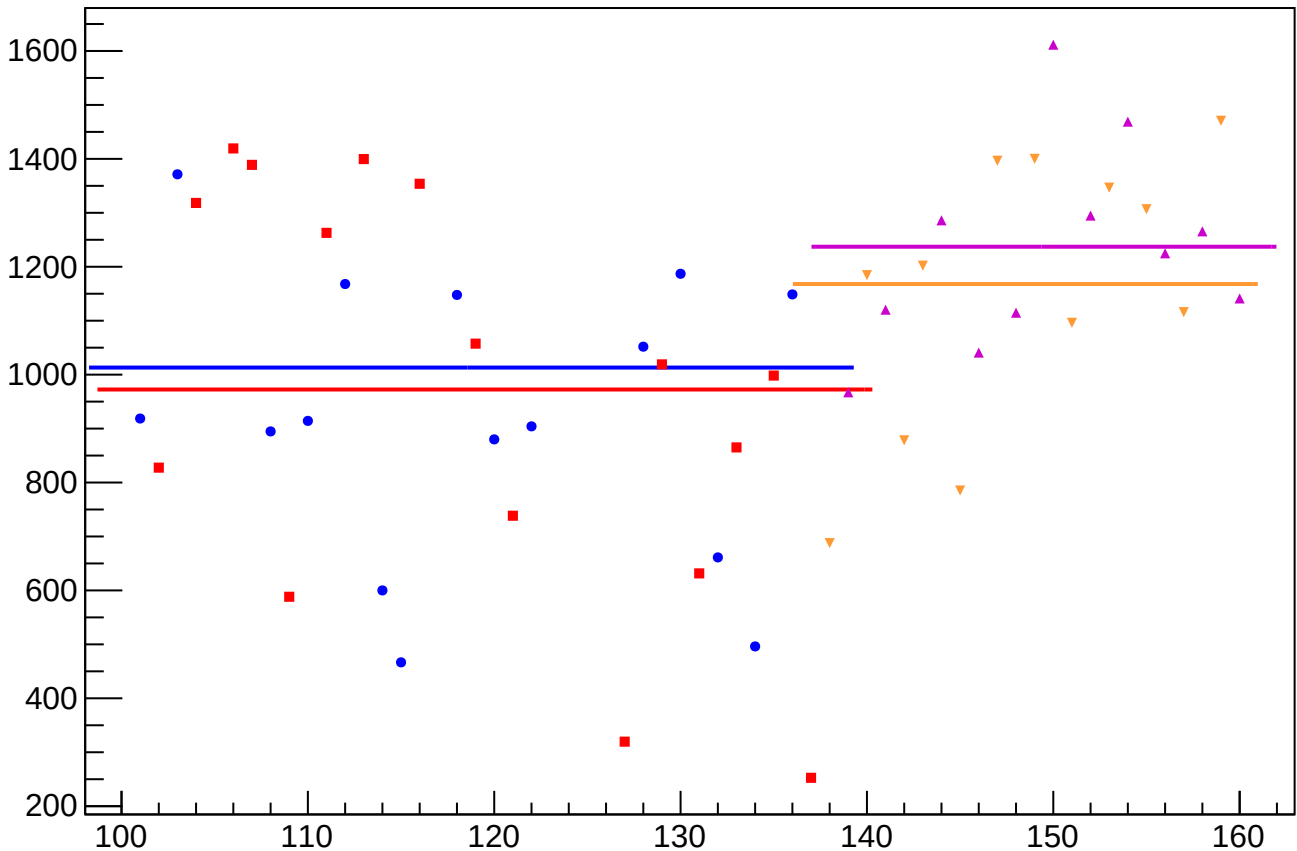
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ sign 67.177+/-0.000 χ^2/NDF : 9159773877688145

All: 63.771+/-0.000 χ^2/NDF : 1341493564216

- sign 60.419+/-0.000 χ^2/NDF : 4219125097072467

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

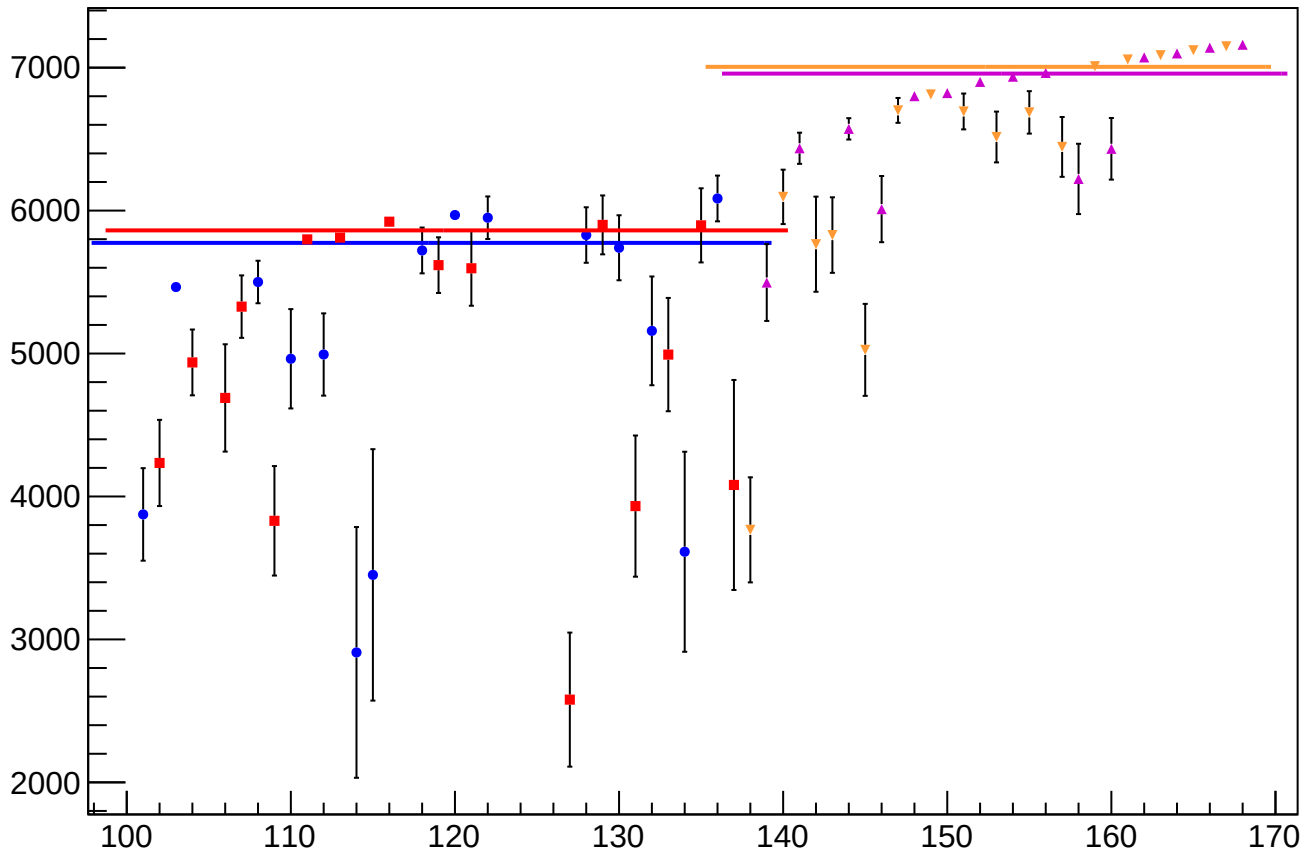
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7005.636 $\pm$ 0.172 χ^2 /NDF: 640955.1/15

+ sign 6421.368 $\pm$ 0.125 χ^2 /NDF: 26678284.9/30

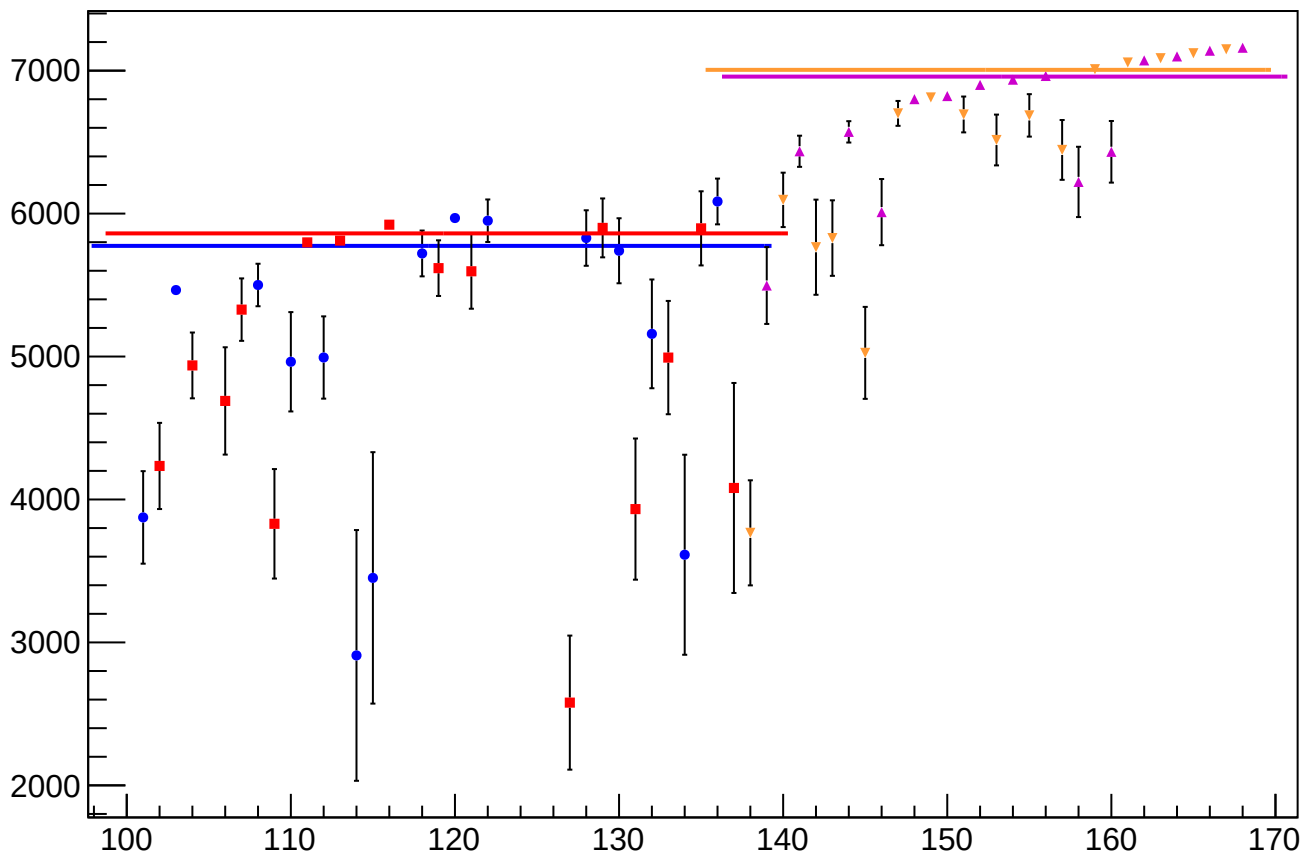
Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

All: 6413.752 $\pm$ 0.077 χ^2 /NDF: 58506558.0/6

- sign 6408.996 $\pm$ 0.099 χ^2 /NDF: 31822241.2/30

Left In: 6958.335 $\pm$ 0.140 χ^2 /NDF: 813898.2/14

dit_run_rms vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7005.636 $\pm$ 0.172 χ^2 /NDF: 640955.1/15

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

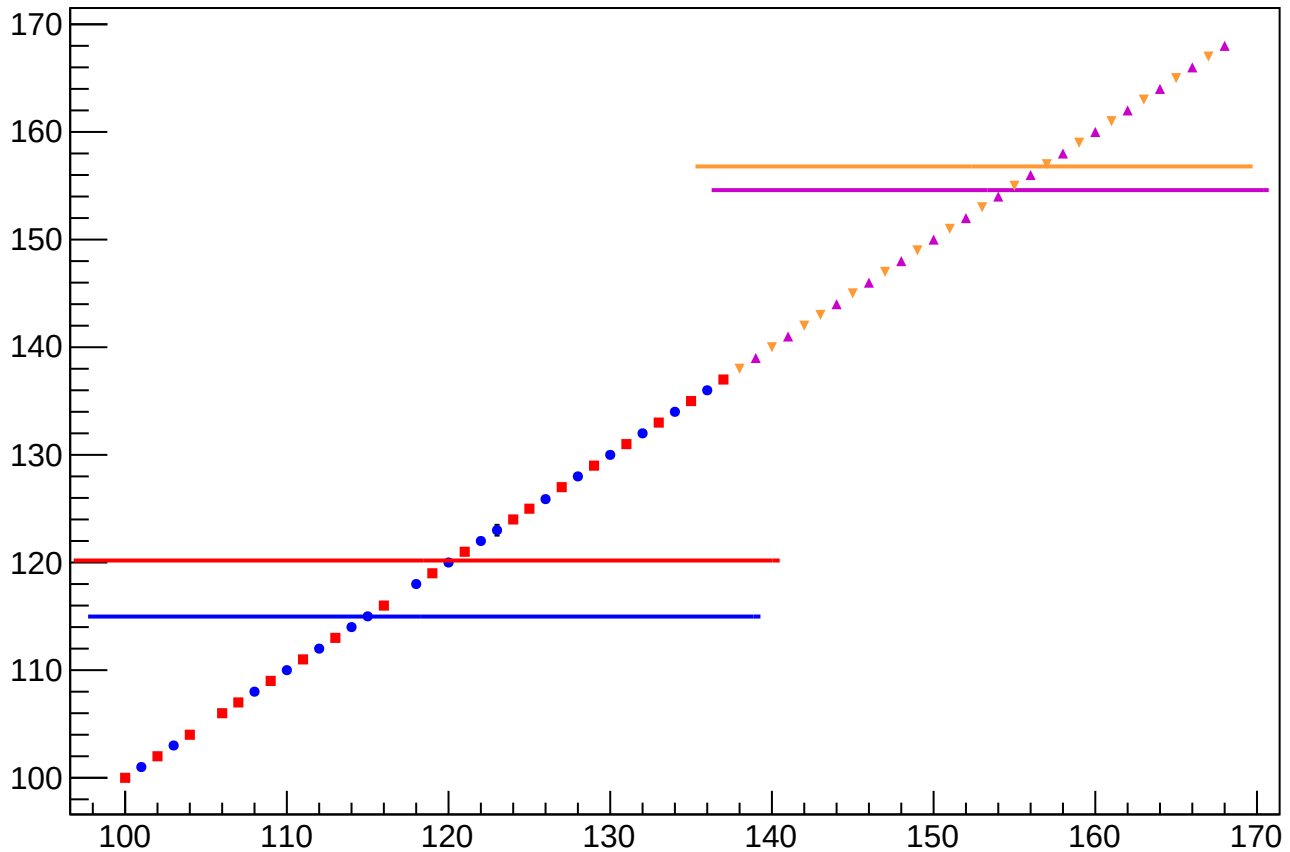
Left In: 6958.335 $\pm$ 0.140 χ^2 /NDF: 813898.2/14

+ sign 6421.368 $\pm$ 0.125 χ^2 /NDF: 26678284.9/30

All: 6413.752 $\pm$ 0.077 χ^2 /NDF: 58506558.0/6

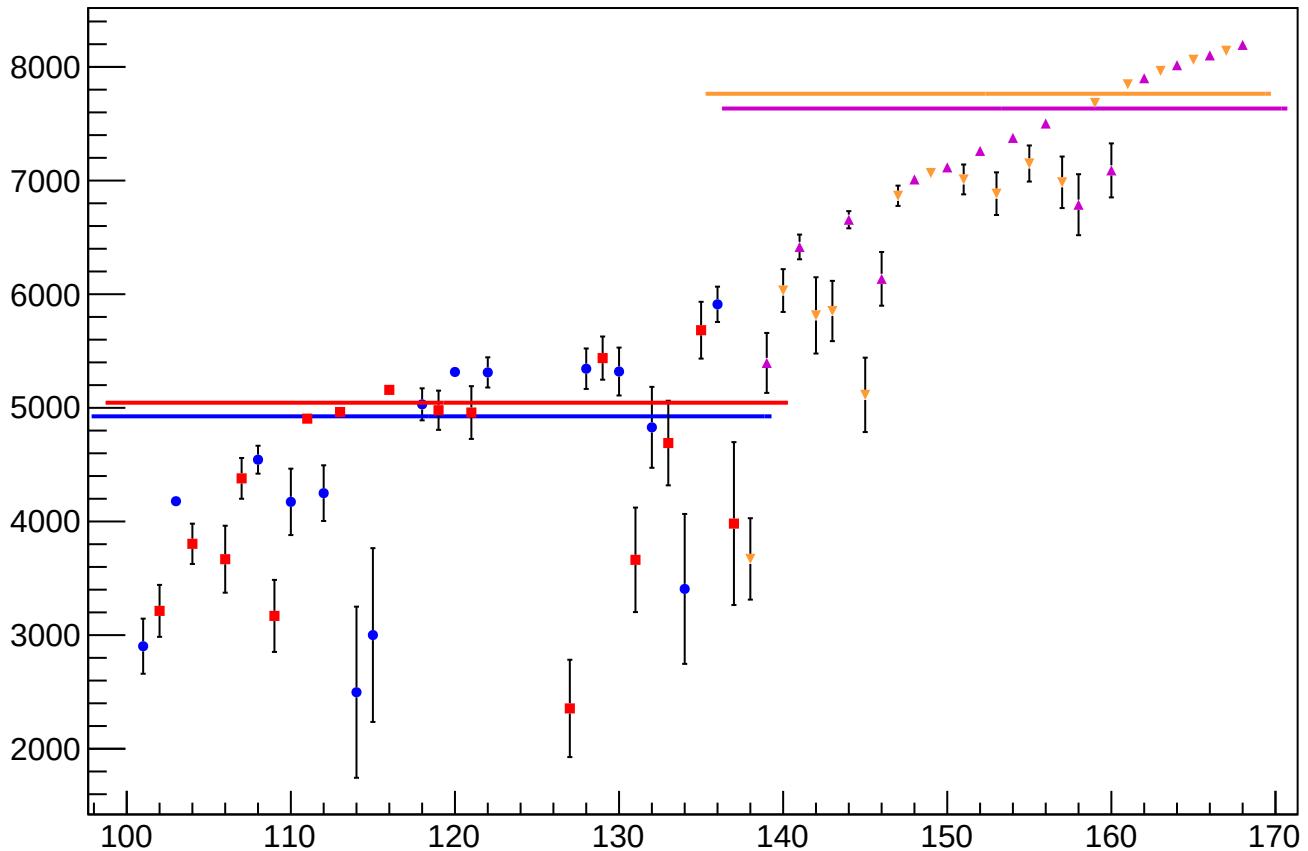
- sign 6408.996 $\pm$ 0.099 χ^2 /NDF: 31822241.2/30

dit_slug_slope vs Slug



Right In: 114.980 $\pm$ 0.000 χ^2 /NDF: 112344936246012934714934440230912.0/16
 Left Out: 156.796 $\pm$ 0.000 χ^2 /NDF: 59632946739739963563318678913024.0/15
 Right Out: 120.186 $\pm$ 0.000 χ^2 /NDF: 52233253644261695528198041763840.0/18
 Left In: 154.594 $\pm$ 0.000 χ^2 /NDF: 32593298913636077691501700710400.0/14

dit_cyclenum_mean vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7763.885 $\pm$ 0.671 χ^2 /NDF:336711.2/15

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

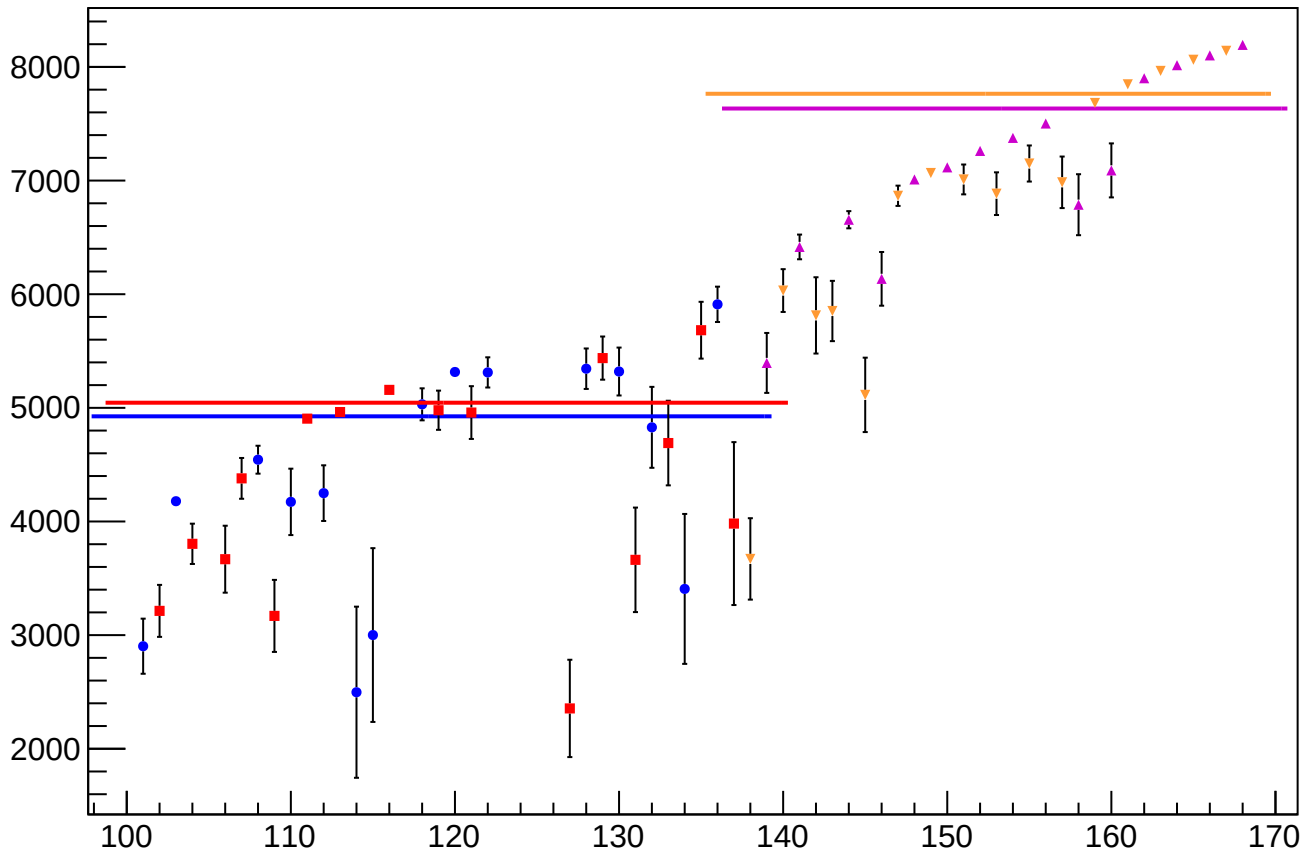
Left In: 7634.016 $\pm$ 0.554 χ^2 /NDF:595035.7/14

+ sign 6804.294 $\pm$ 0.546 χ^2 /NDF: 6720734.0/30

All: 6663.687 $\pm$ 0.336 χ^2 /NDF: 16348444.5/6

- sign 6577.791 $\pm$ 0.427 χ^2 /NDF: 9520793.5/30

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 7763.885 ± 0.671 χ^2/NDF : 336711.2/15

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

Left In: 7634.016 ± 0.554 χ^2/NDF : 595035.7/14

+ sign 6804.294 ± 0.546 χ^2/NDF : 6720734.0/30

All: 6663.687 ± 0.336 χ^2/NDF : 16348444.5/6

- sign 6577.791 ± 0.427 χ^2/NDF : 9520793.5/30

dit_scandata1_mean vs Slug



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

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

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

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

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

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

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

dit_scandata1_rms vs Slug



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

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

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

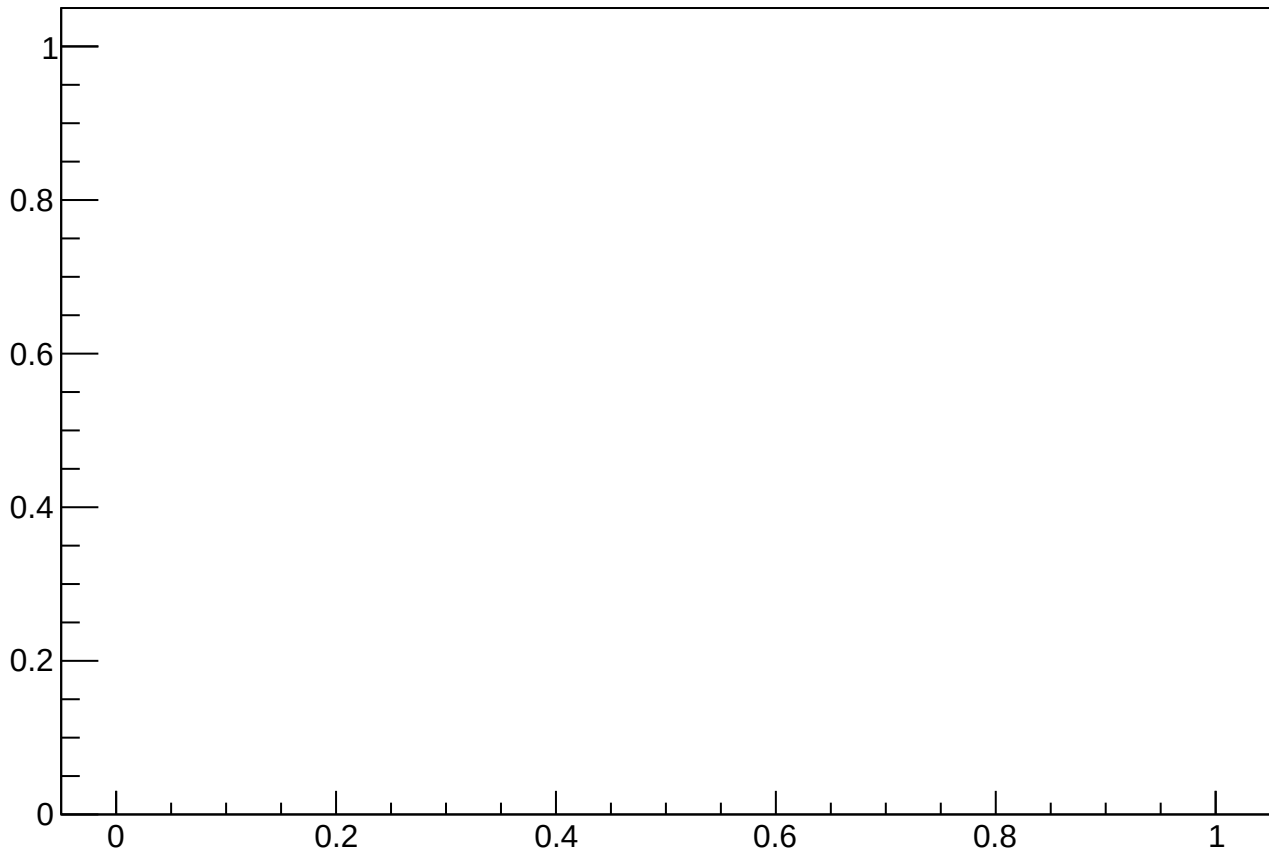
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

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

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

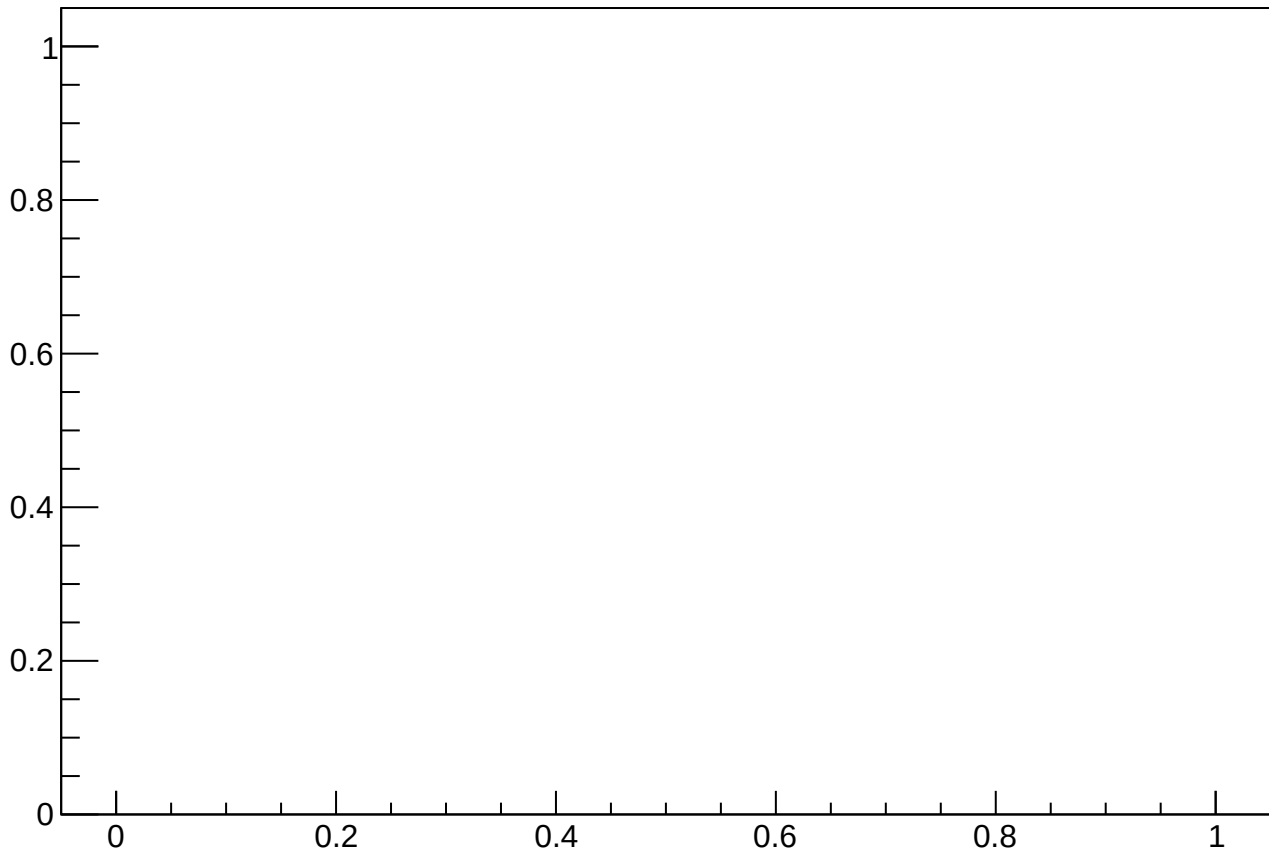
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata2_rms vs Slug



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

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

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

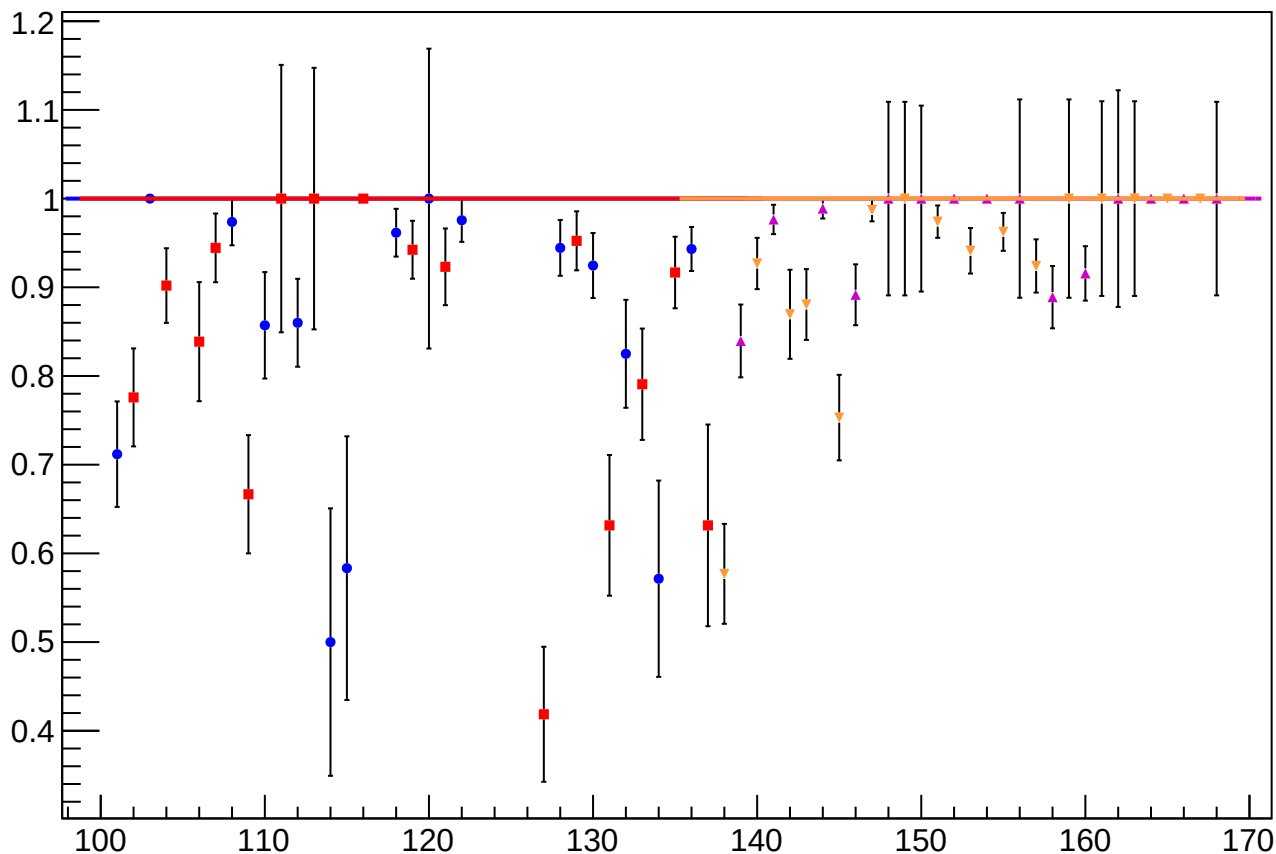
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:977.6/15

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

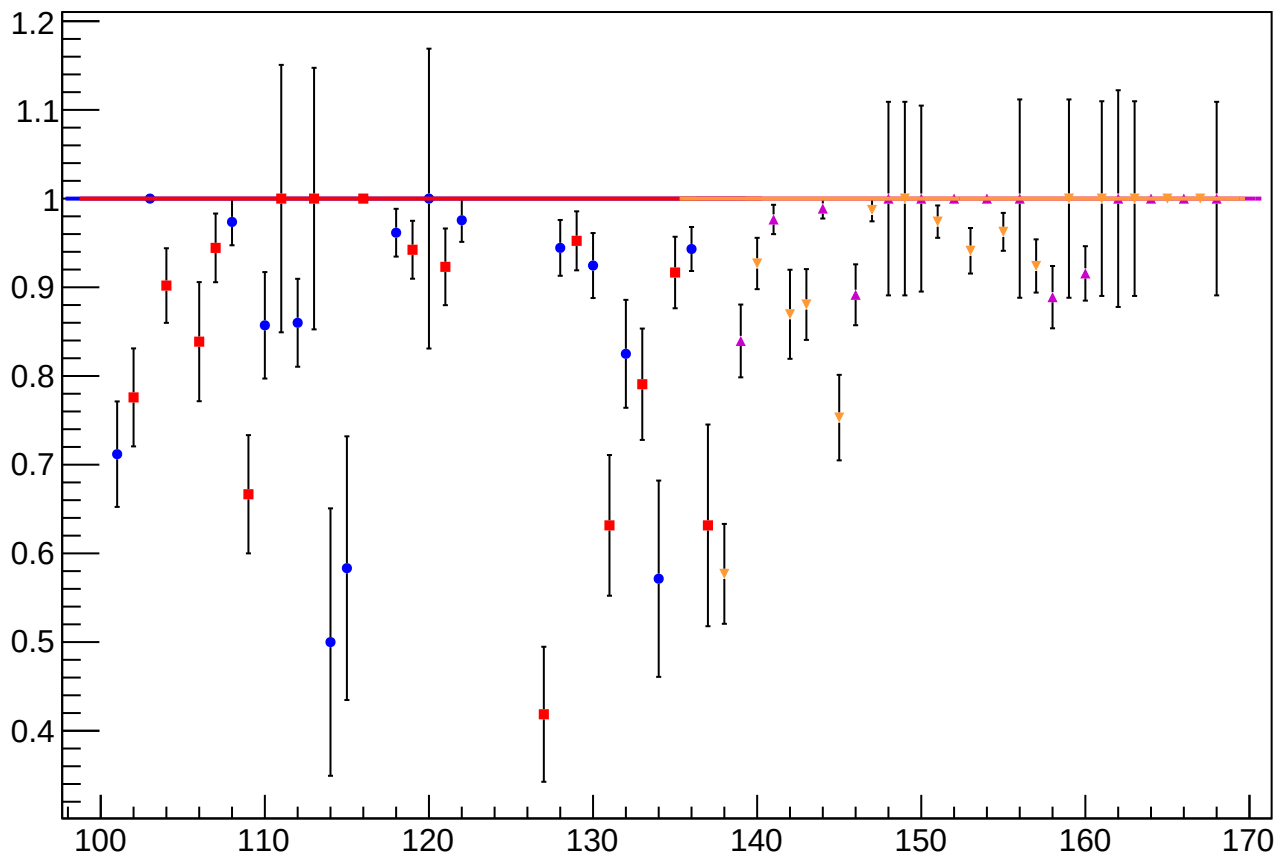
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:1081.3/14

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 416.4/30

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 3714.2/61

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 490.5/30

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 977.6/15

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

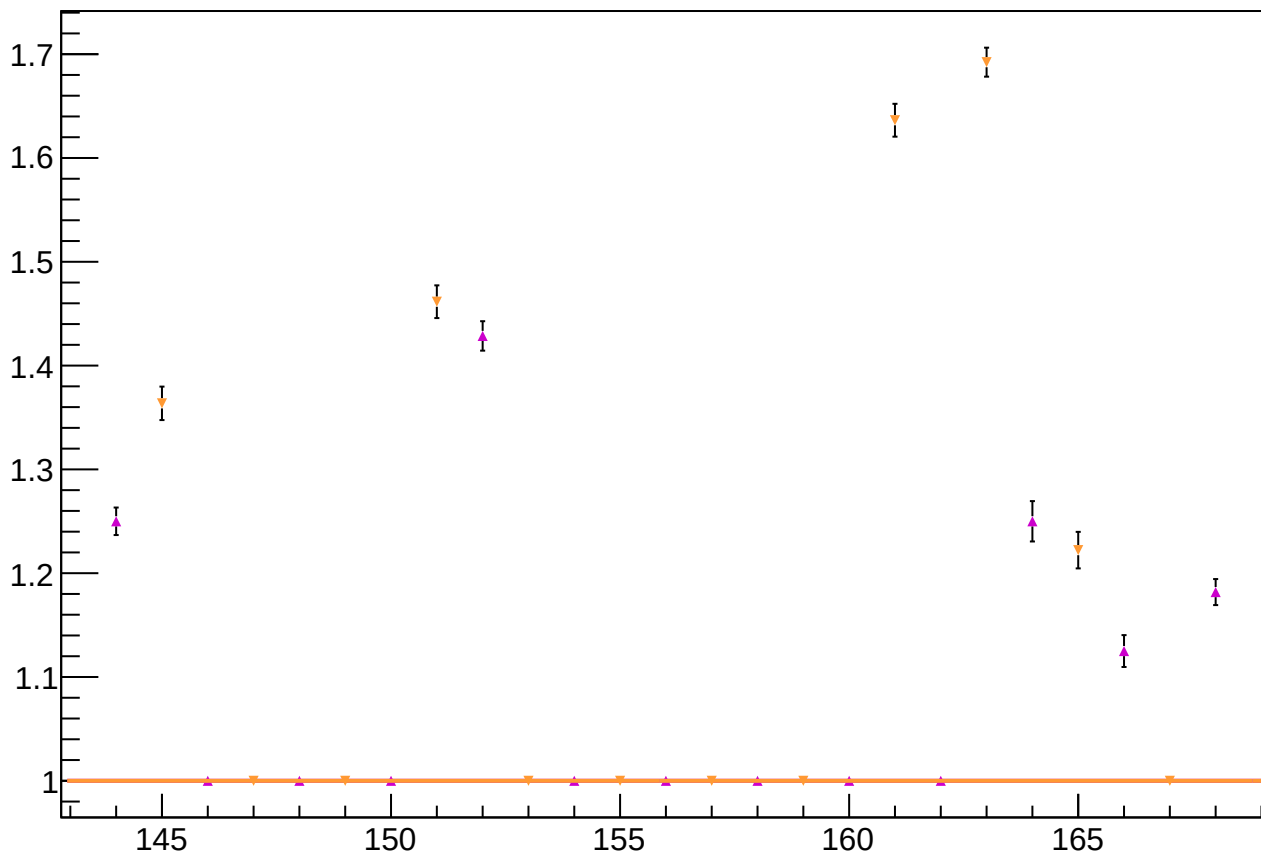
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF: 1081.3/14

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 416.4/30

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 3714.2/61

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 490.5/30

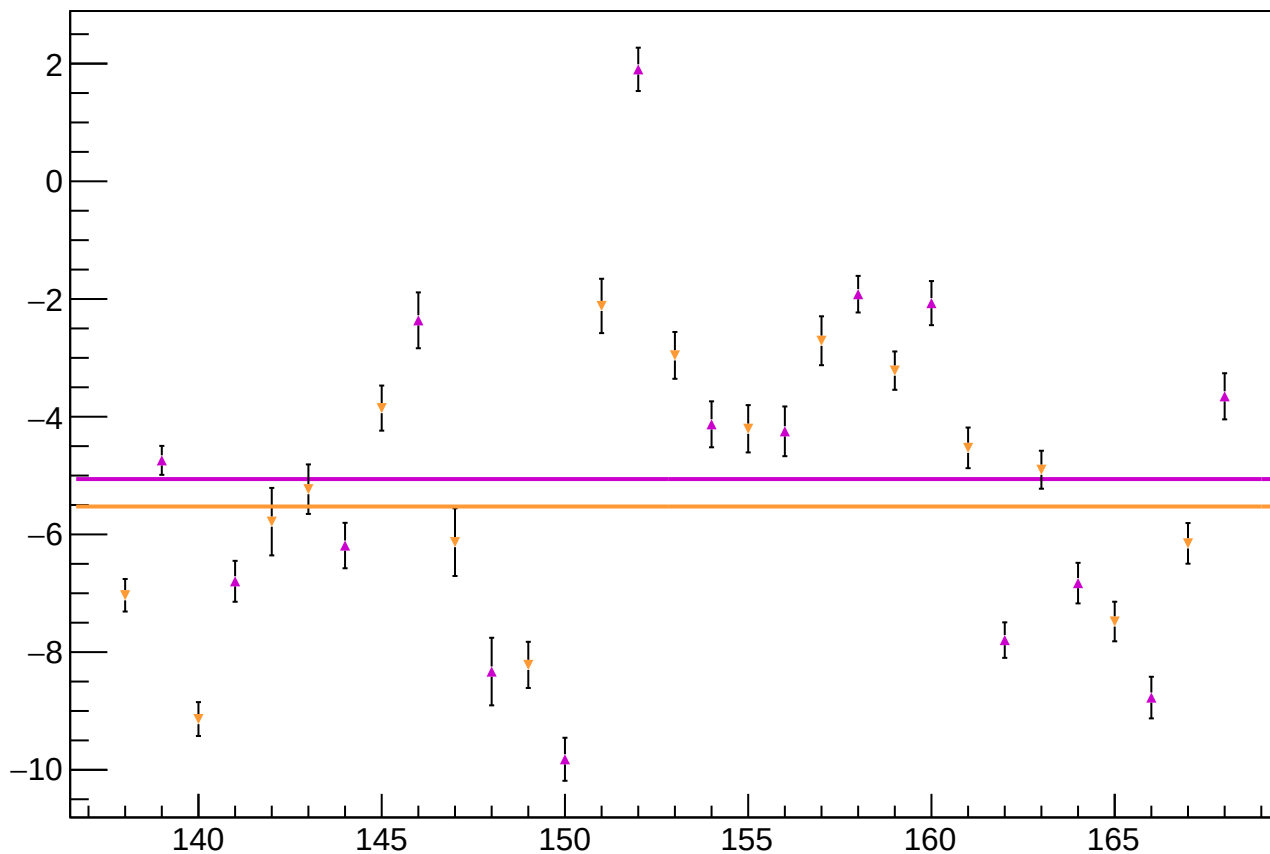
dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF : 7039.0/11
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.000+/-0.000 χ^2/NDF : 2372.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.000+/-0.000 χ^2/NDF : 8779.6/24
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

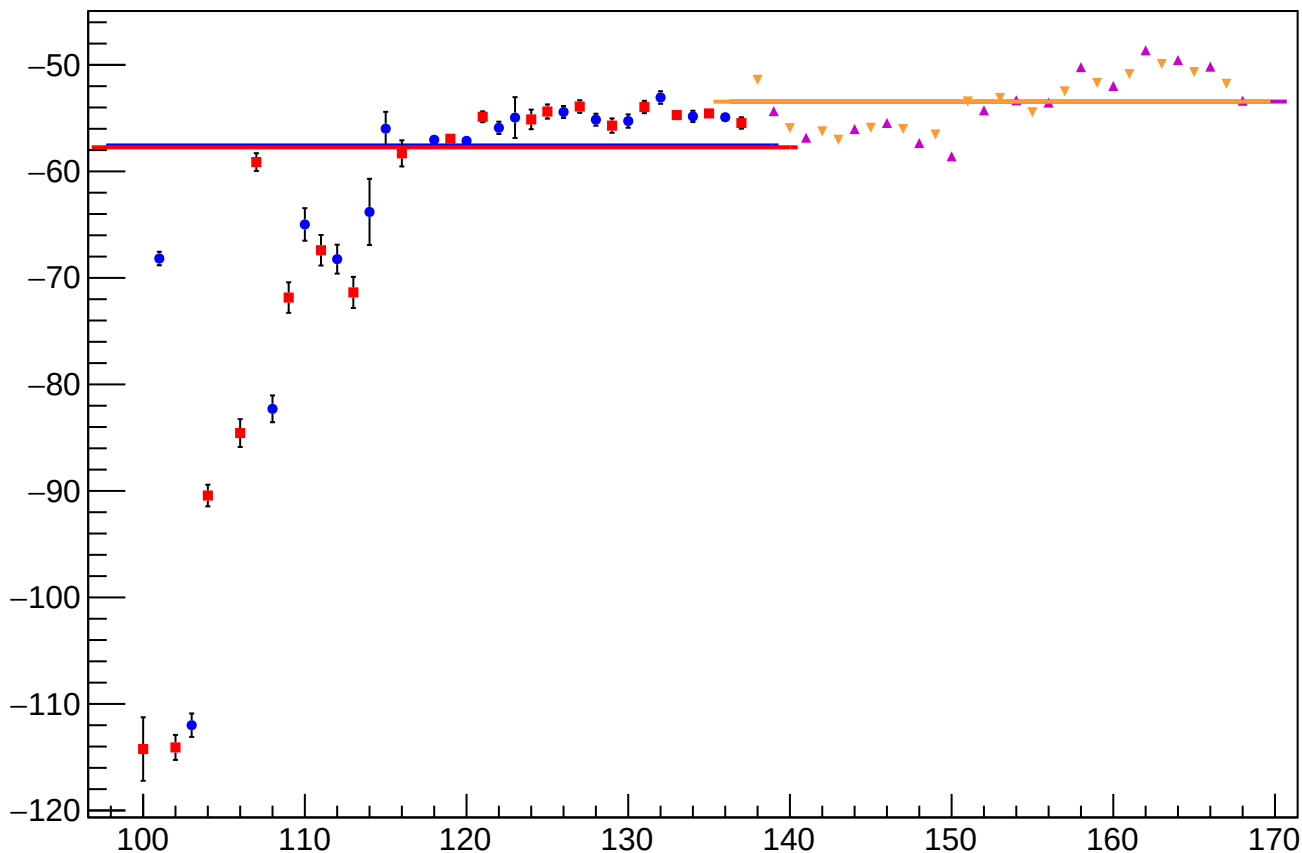
reg_asym_sam1_diff_bpm1X_slope vs Slug



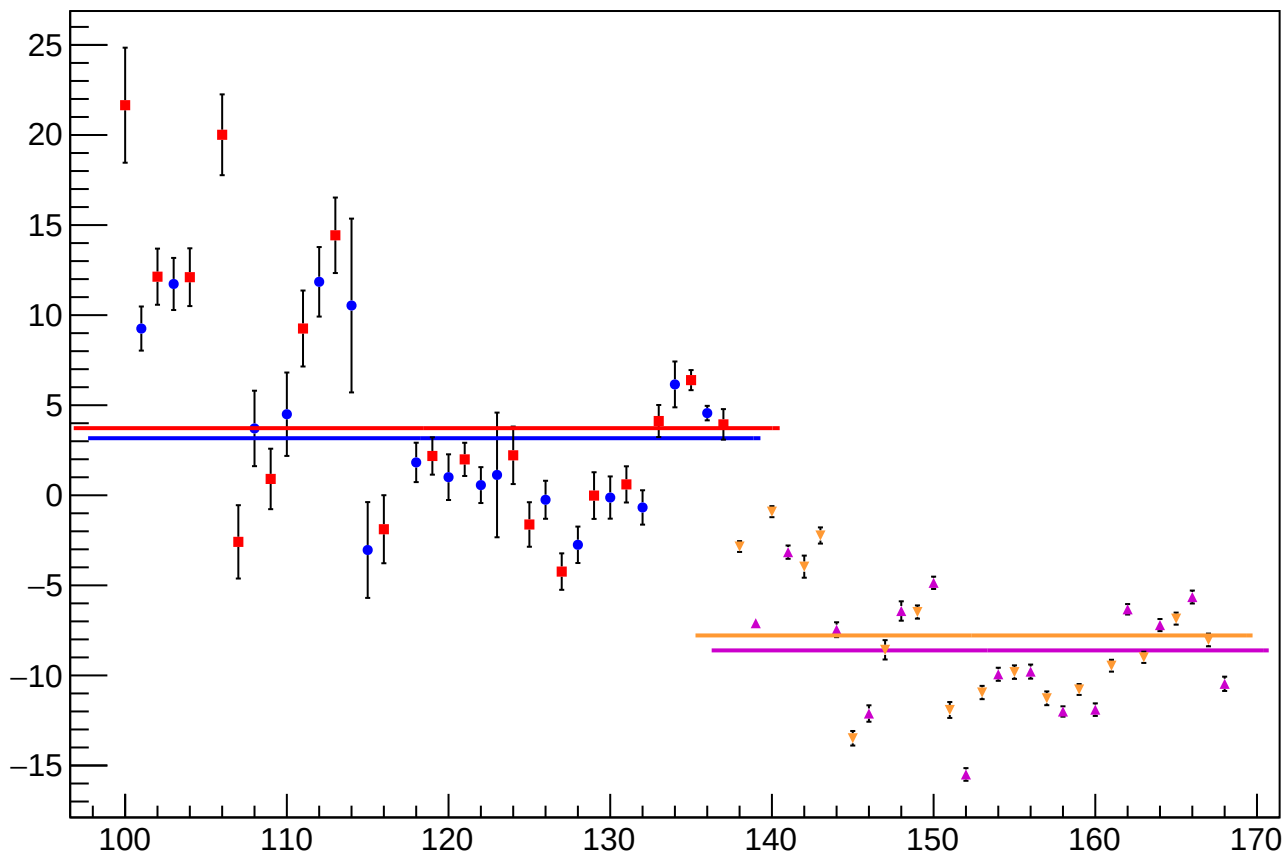
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.526 ± 0.092 χ^2/NDF : 507.0/15
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -5.060 ± 0.092 χ^2/NDF : 1033.5/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -5.293 ± 0.065 χ^2/NDF : 1553.3/30
 - sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 $\chi^2/\text{NDF}: 186.2/16$

Left Out: -7.781 ± 0.091 $\chi^2/\text{NDF}: 1599.1/15$

Right Out: 3.726 ± 0.267 $\chi^2/\text{NDF}: 323.3/18$

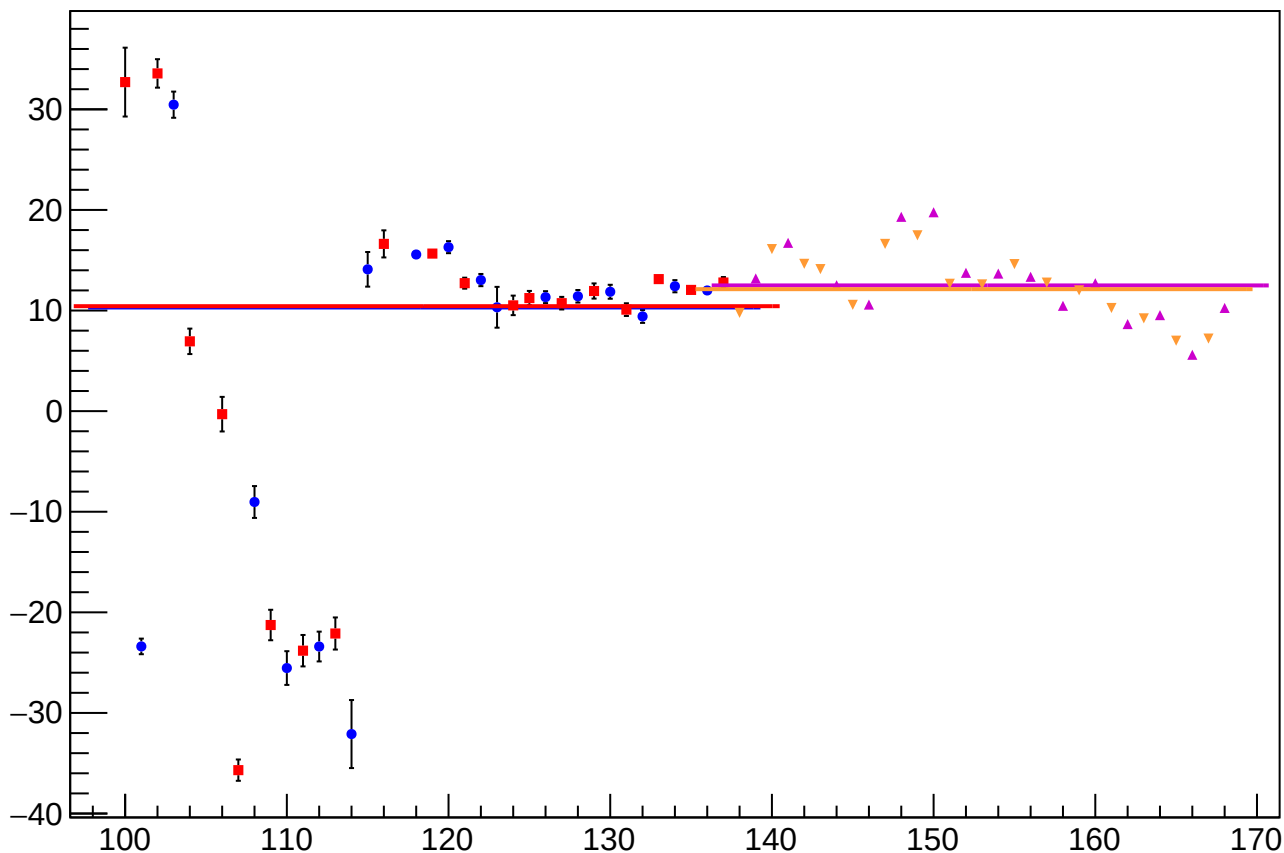
Left In: -8.611 ± 0.091 $\chi^2/\text{NDF}: 1255.1/14$

+ sign -6.562 ± 0.086 $\chi^2/\text{NDF}: 3389.2/32$

All: -6.948 ± 0.061 $\chi^2/\text{NDF}: 6920.6/66$

- sign -7.334 ± 0.086 $\chi^2/\text{NDF}: 3491.1/33$

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF : 3712.3/16

Left Out: 12.124+/-0.079 χ^2/NDF : 1511.4/15

Right Out: 10.433+/-0.160 χ^2/NDF : 3828.5/18

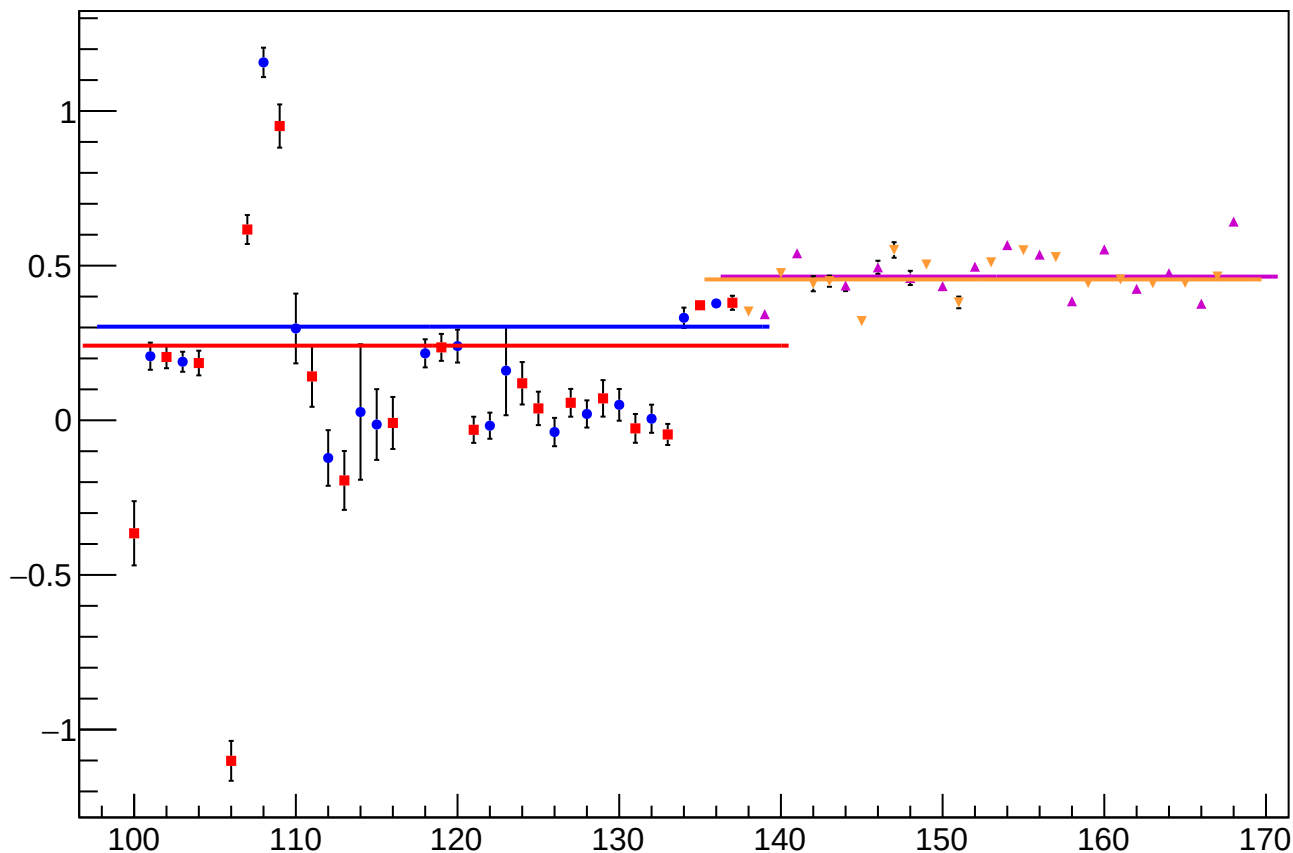
Left In: 12.495+/-0.080 χ^2/NDF : 2041.9/14

+ sign 11.760+/-0.070 χ^2/NDF : 5331.3/32

All: 11.916+/-0.050 χ^2/NDF : 11344.6/66

- sign 12.079+/-0.072 χ^2/NDF : 6003.2/33

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.6/16

Left Out: 0.455 $\pm$ 0.004 χ^2 /NDF: 300.1/15

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

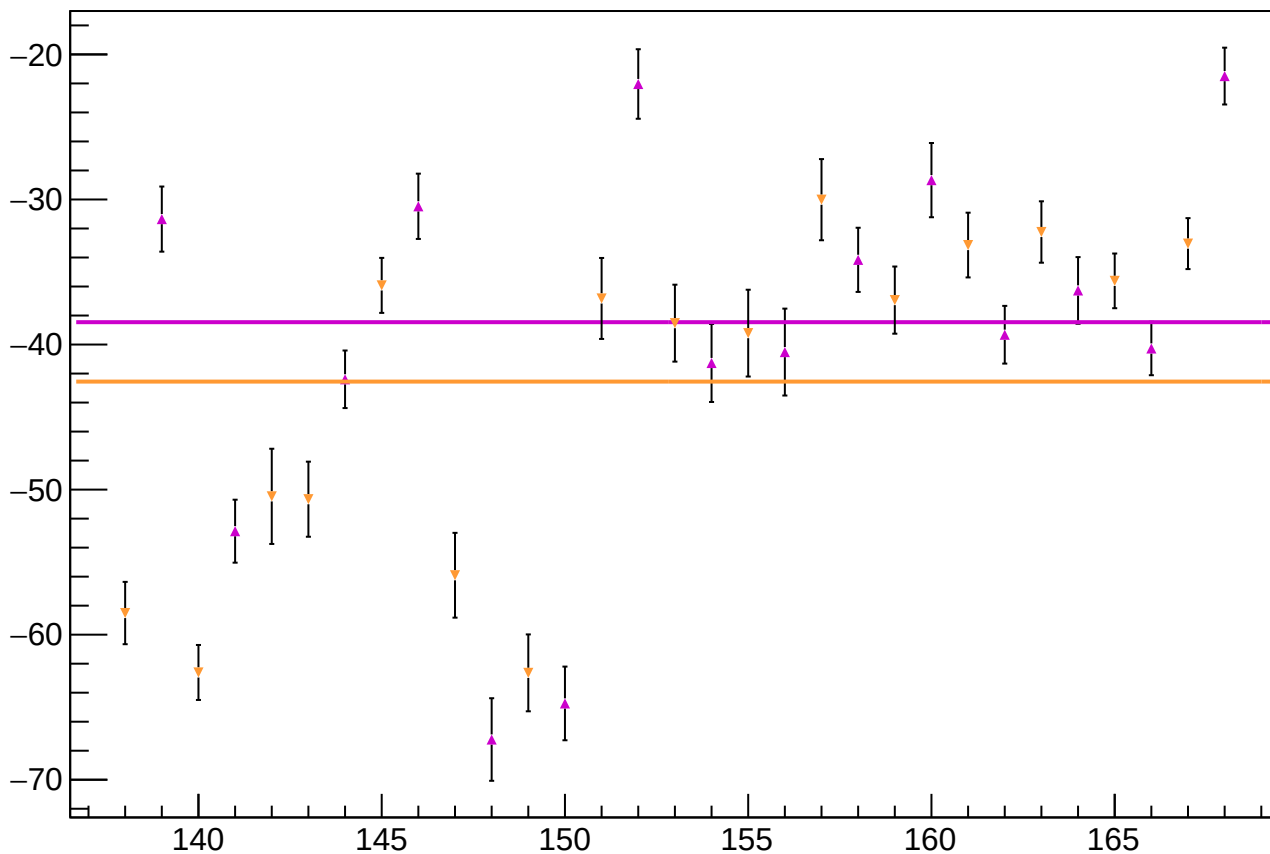
Left In: 0.465 $\pm$ 0.004 χ^2 /NDF: 592.6/14

+ sign 0.431 $\pm$ 0.003 χ^2 /NDF: 1239.5/32

All: 0.432 $\pm$ 0.002 χ^2 /NDF: 3409.3/66

- sign 0.432 $\pm$ 0.003 χ^2 /NDF: 2169.8/33

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -42.554 $\pm$ 0.577 χ^2/NDF : 391.4/15

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

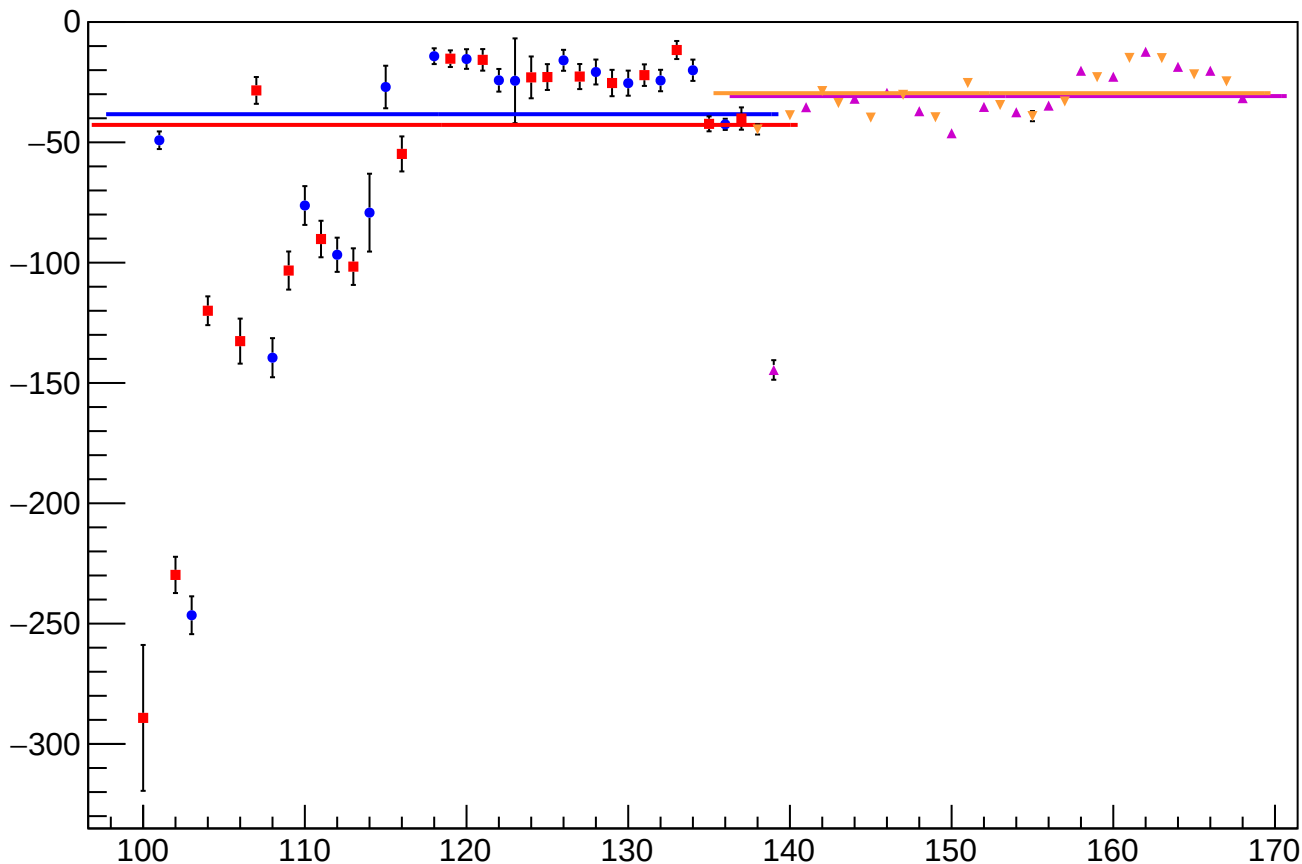
Left In: -38.458 $\pm$ 0.585 χ^2/NDF : 424.0/14

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

All: -40.534 $\pm$ 0.411 χ^2/NDF : 840.1/30

- sign 0.000 $\pm$ 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: -29.570 ± 0.420 $\chi^2/\text{NDF}: 430.1/15$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

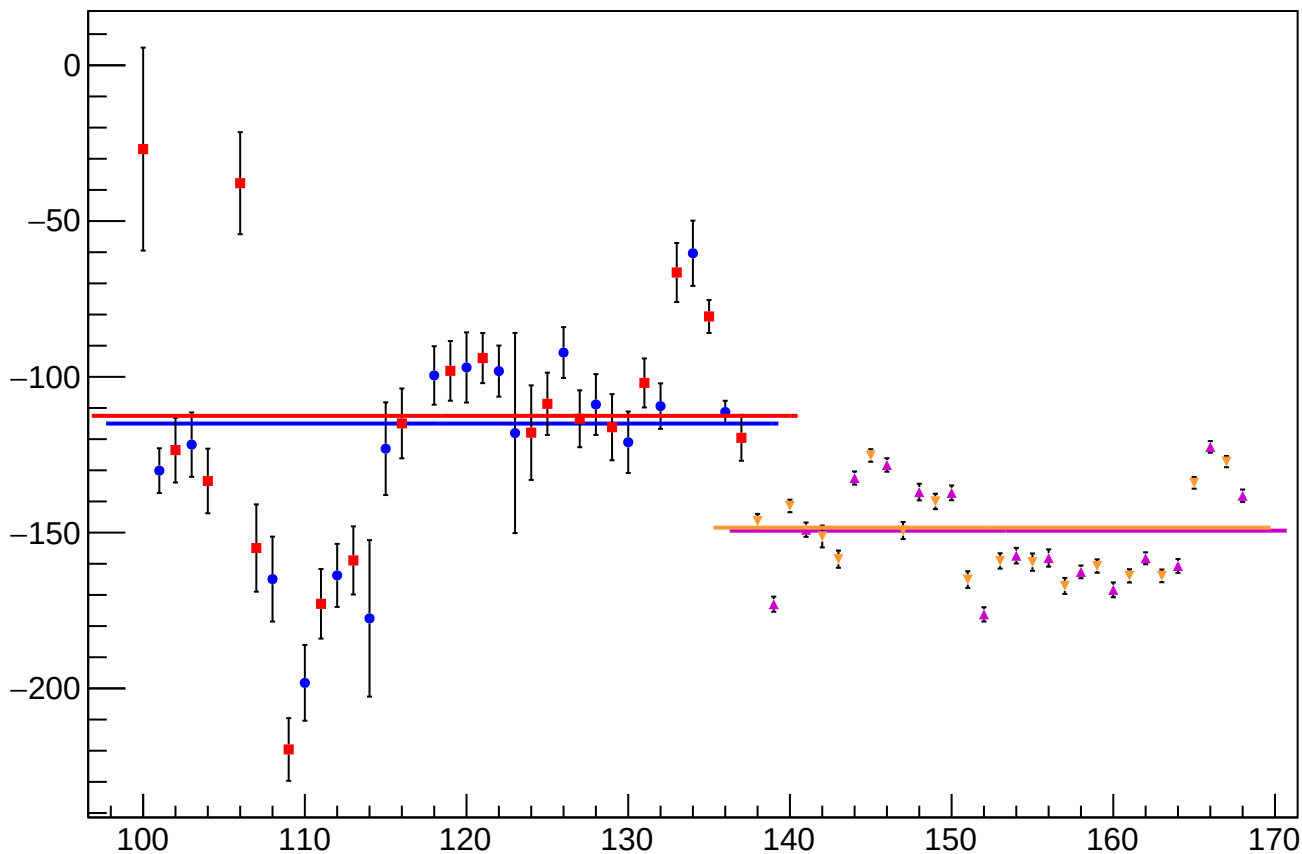
Left In: -30.779 ± 0.431 $\chi^2/\text{NDF}: 1203.2/14$

+ sign -30.621 ± 0.394 $\chi^2/\text{NDF}: 1614.7/32$

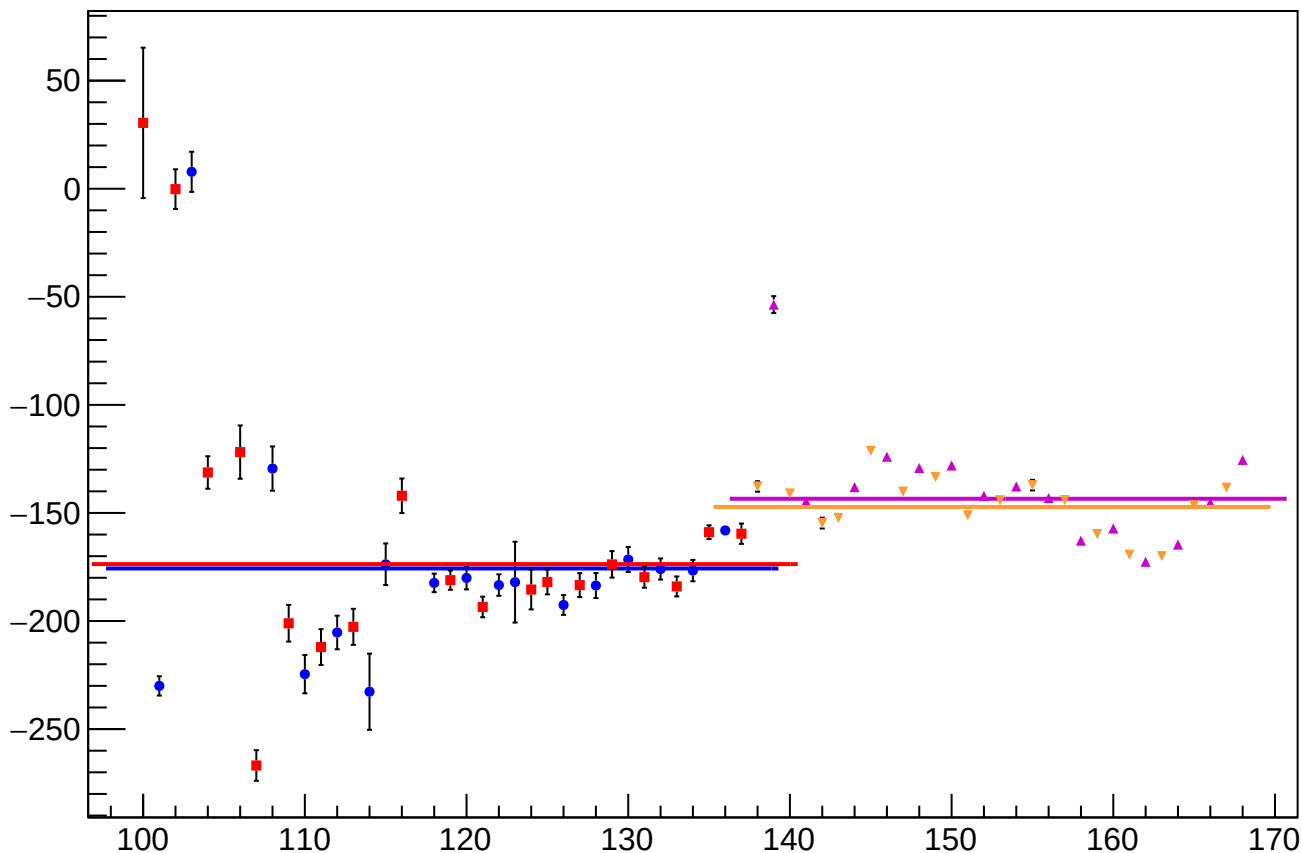
All: -31.352 ± 0.283 $\chi^2/\text{NDF}: 4253.4/66$

- sign -32.127 ± 0.406 $\chi^2/\text{NDF}: 2631.6/33$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -147.229 ± 0.484 χ^2/NDF : 783.1/15

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

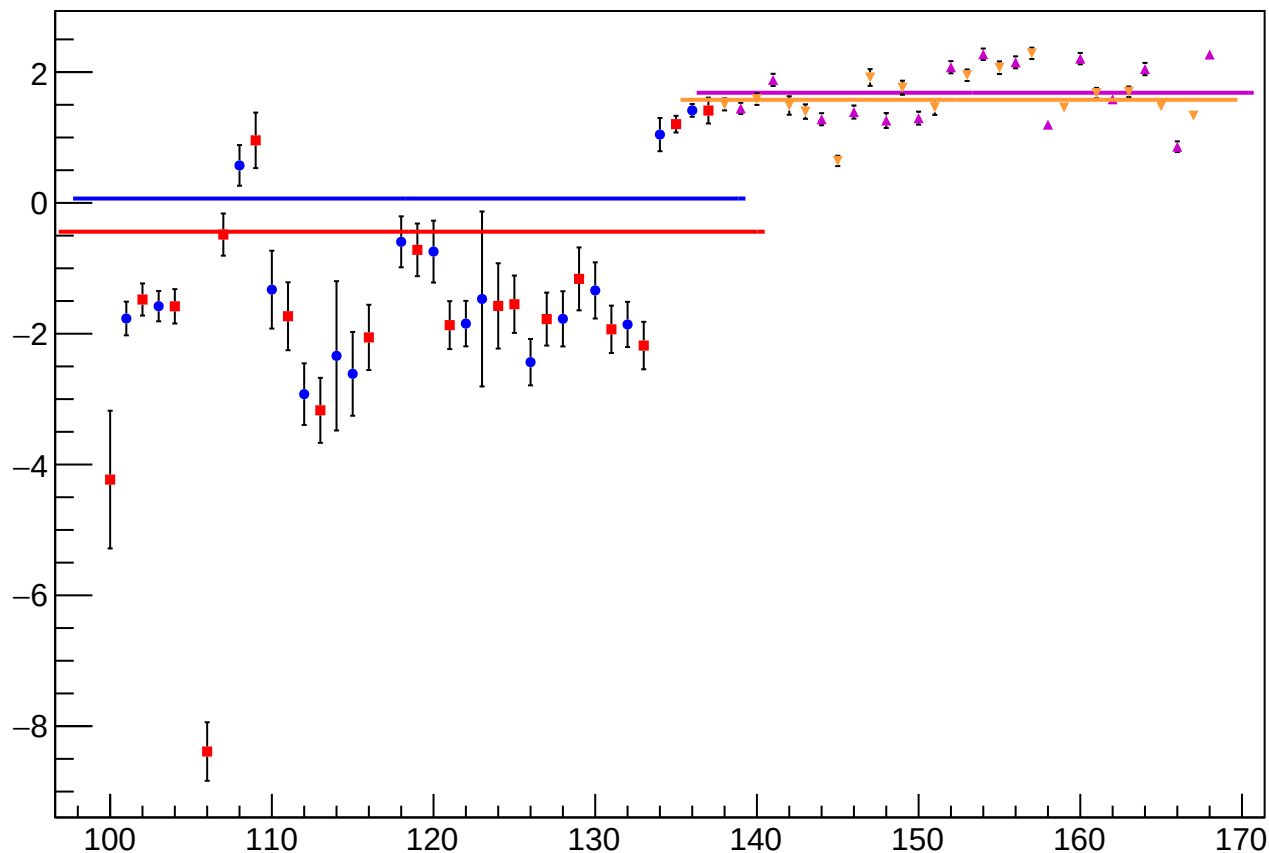
Left In: -143.437 ± 0.496 χ^2/NDF : 1489.4/14

+ sign -150.853 ± 0.452 χ^2/NDF : 1916.2/32

All: -148.988 ± 0.325 χ^2/NDF : 4616.7/66

- sign -147.008 ± 0.466 χ^2/NDF : 2665.5/33

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.577 ± 0.023 χ^2/NDF : 284.1/15

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

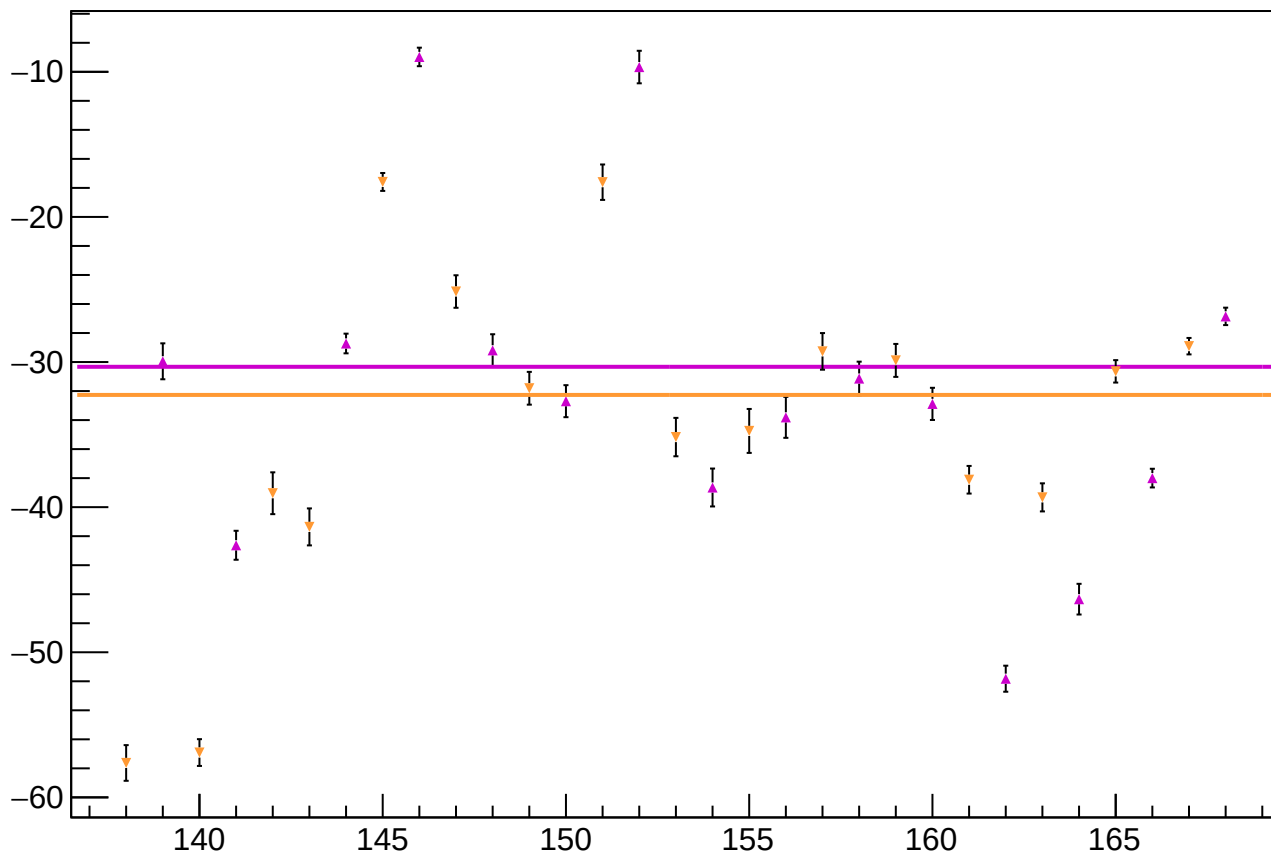
Left In: 1.684 ± 0.023 χ^2/NDF : 416.0/14

+ sign 1.423 ± 0.021 χ^2/NDF : 1266.6/32

All: 1.455 ± 0.015 χ^2/NDF : 3252.4/66

- sign 1.488 ± 0.022 χ^2/NDF : 1981.1/33

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.266+/-0.241 χ^2/NDF : 2110.5/15

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

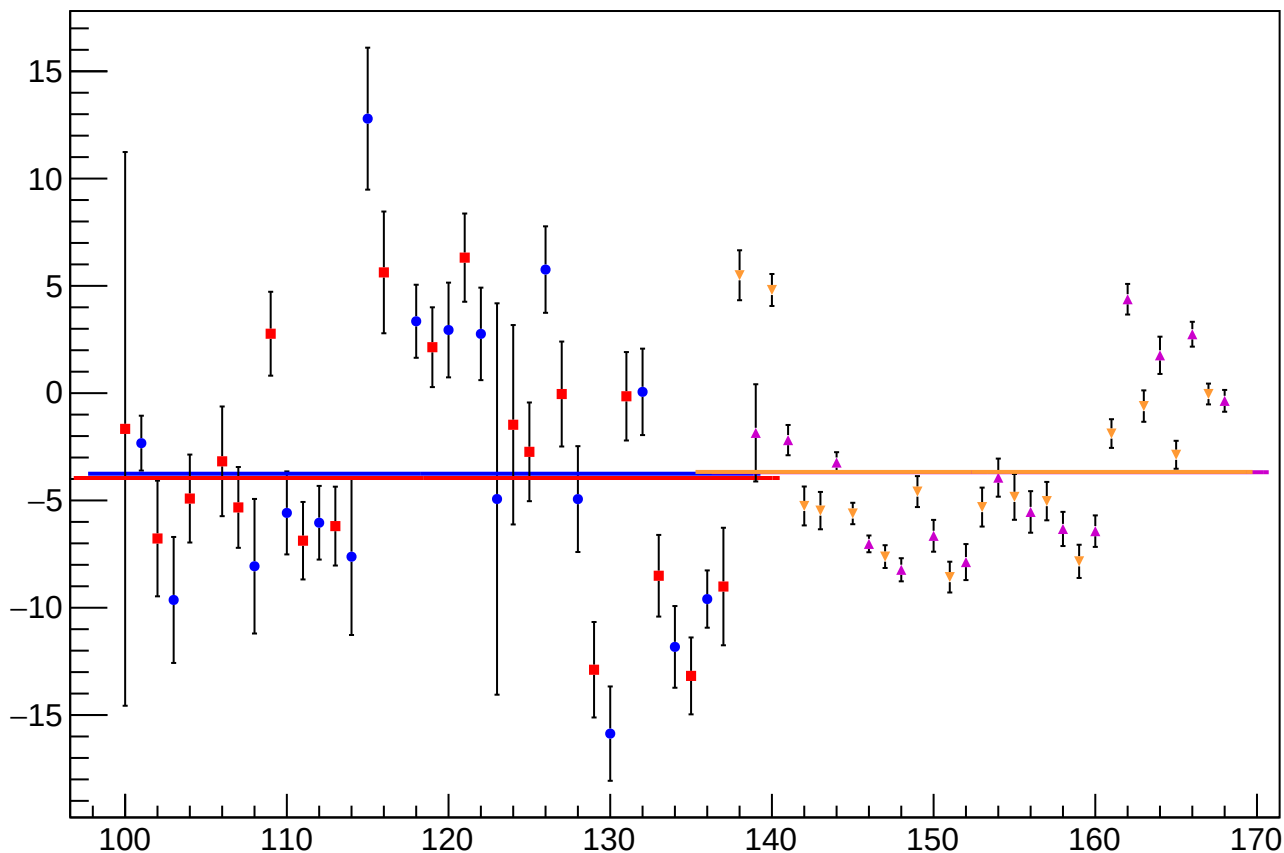
Left In: -30.327+/-0.231 χ^2/NDF : 2651.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.256+/-0.167 χ^2/NDF : 4795.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -3.670 ± 0.176 $\chi^2/\text{NDF}: 435.5/15$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

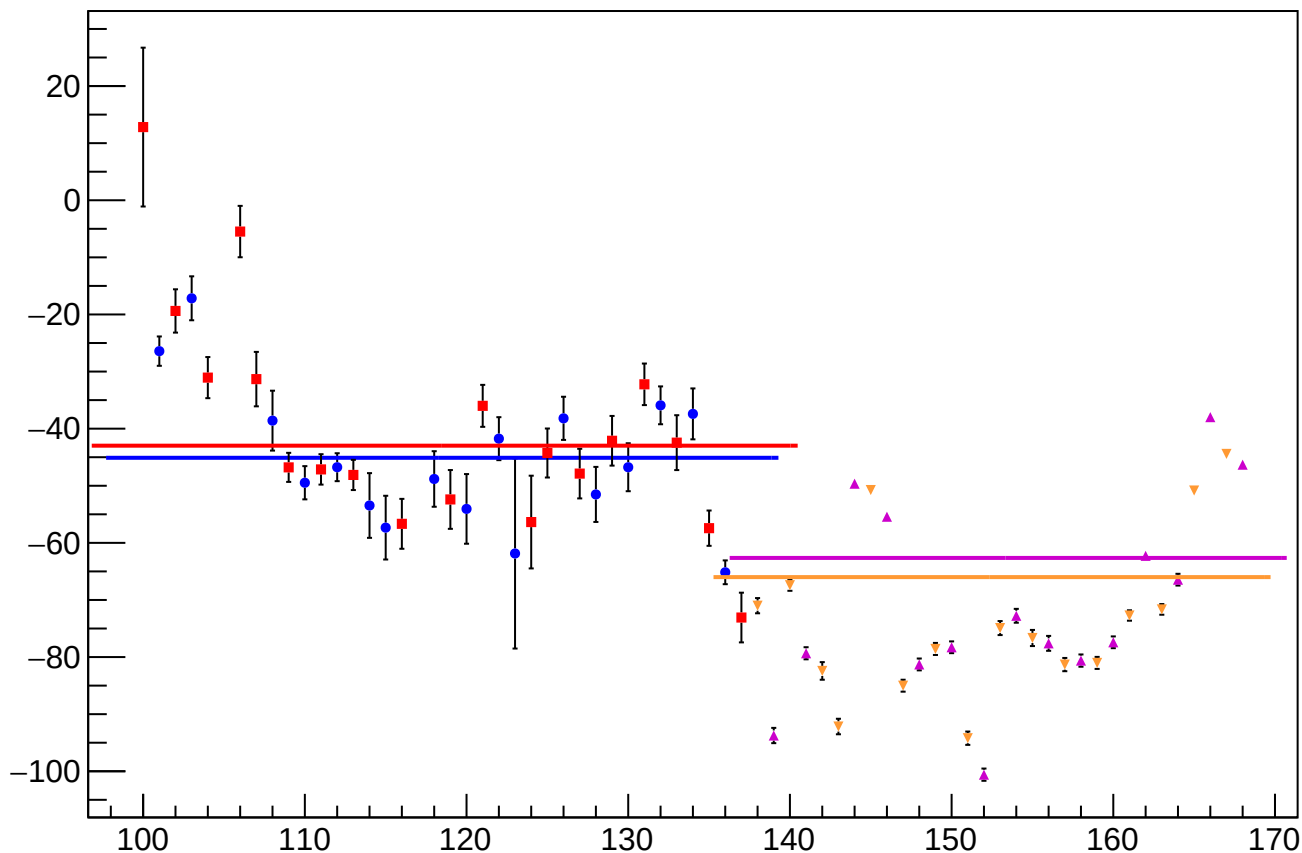
Left In: -3.685 ± 0.167 $\chi^2/\text{NDF}: 553.1/14$

+ sign -3.680 ± 0.166 $\chi^2/\text{NDF}: 600.8/32$

All: -3.696 ± 0.115 $\chi^2/\text{NDF}: 1277.5/66$

- sign -3.712 ± 0.159 $\chi^2/\text{NDF}: 676.7/33$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -65.998 ± 0.241 χ^2/NDF : 4448.4/15

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

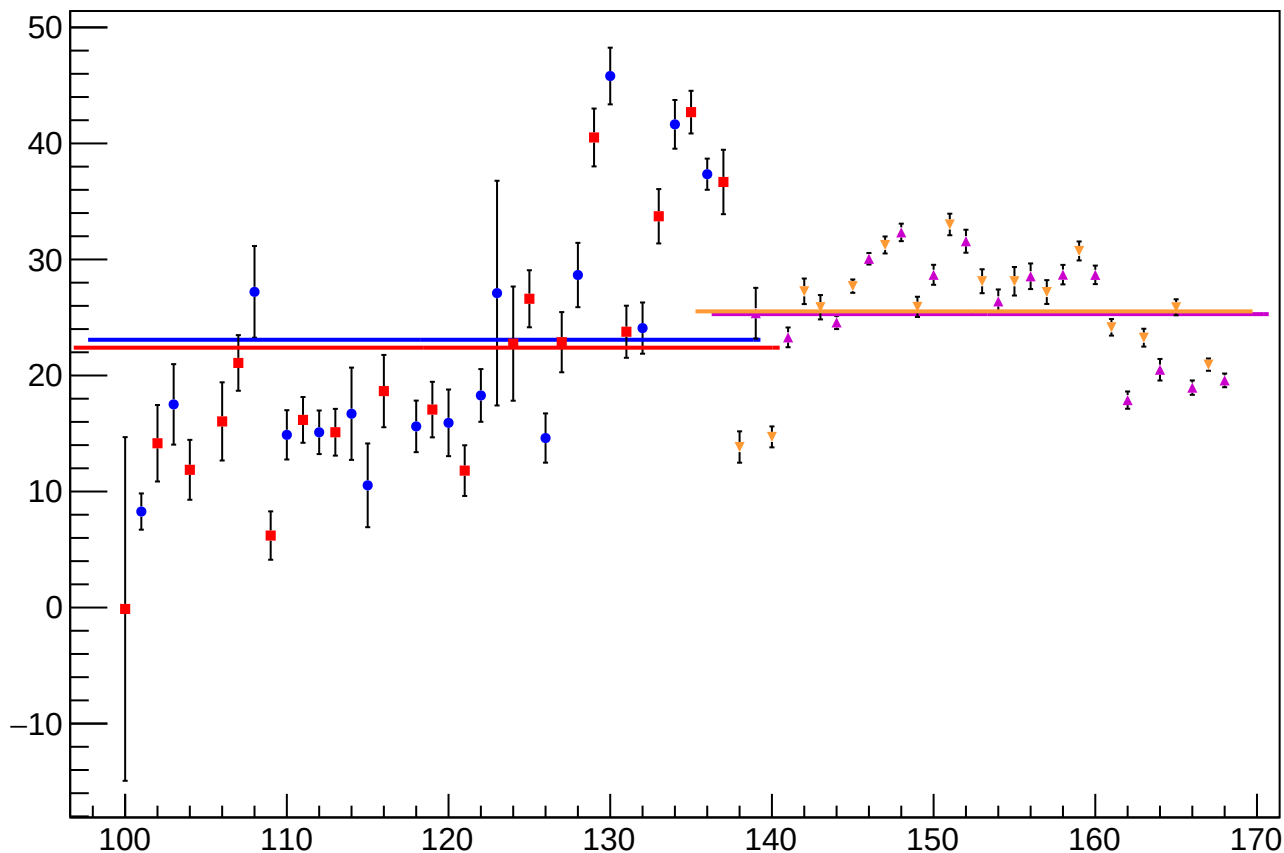
Left In: -62.637 ± 0.229 χ^2/NDF : 5889.6/14

+ sign -64.546 ± 0.232 χ^2/NDF : 5202.0/32

All: -62.890 ± 0.160 χ^2/NDF : 11907.5/66

- sign -61.386 ± 0.221 χ^2/NDF : 6608.5/33

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 25.526 $\pm$ 0.203 χ^2 /NDF: 503.1/15

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

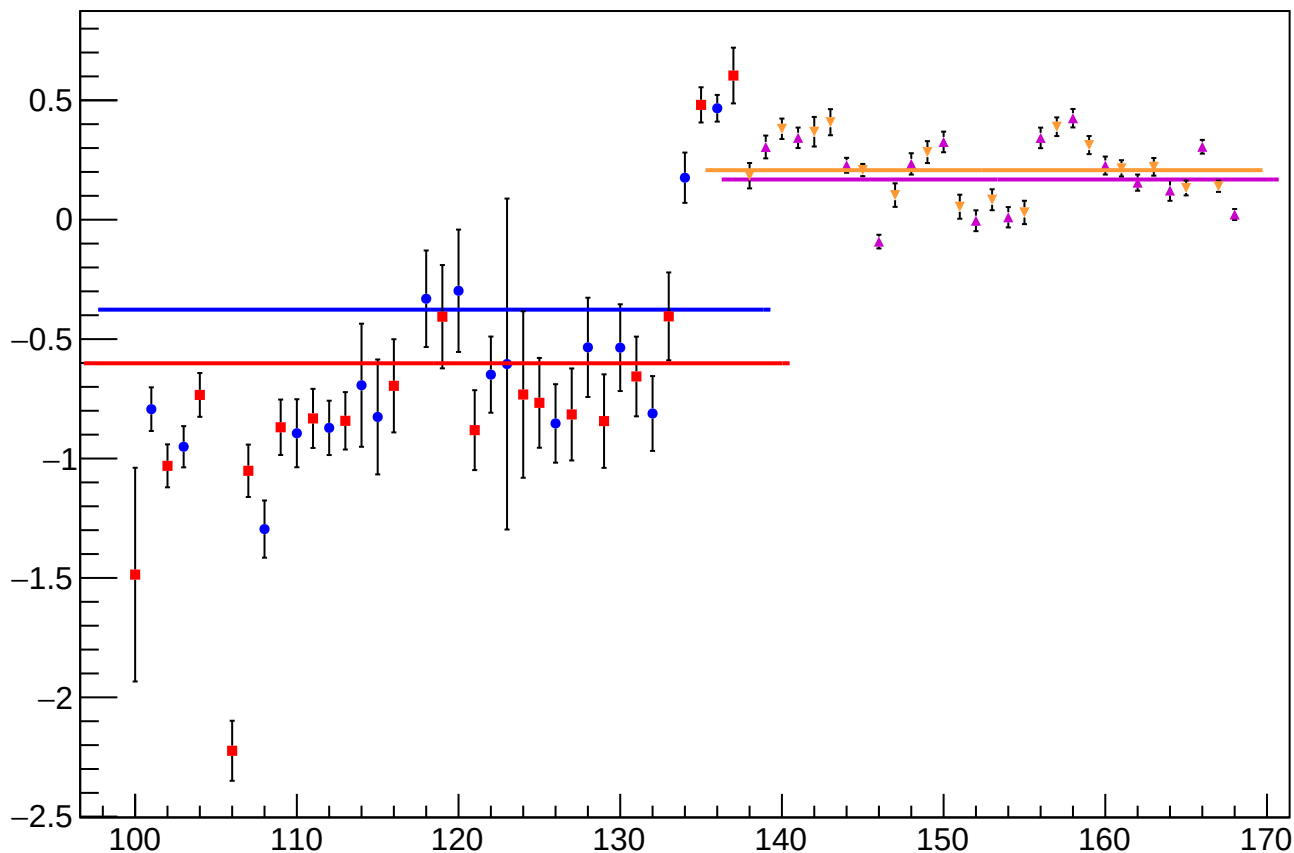
Left In: 25.288 $\pm$ 0.196 χ^2 /NDF: 610.4/14

+ sign 25.238 $\pm$ 0.191 χ^2 /NDF: 981.3/32

All: 25.107 $\pm$ 0.133 χ^2 /NDF: 1985.8/66

- sign 24.984 $\pm$ 0.185 χ^2 /NDF: 1003.5/33

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.207 ± 0.010 $\chi^2/\text{NDF}: 117.8/15$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

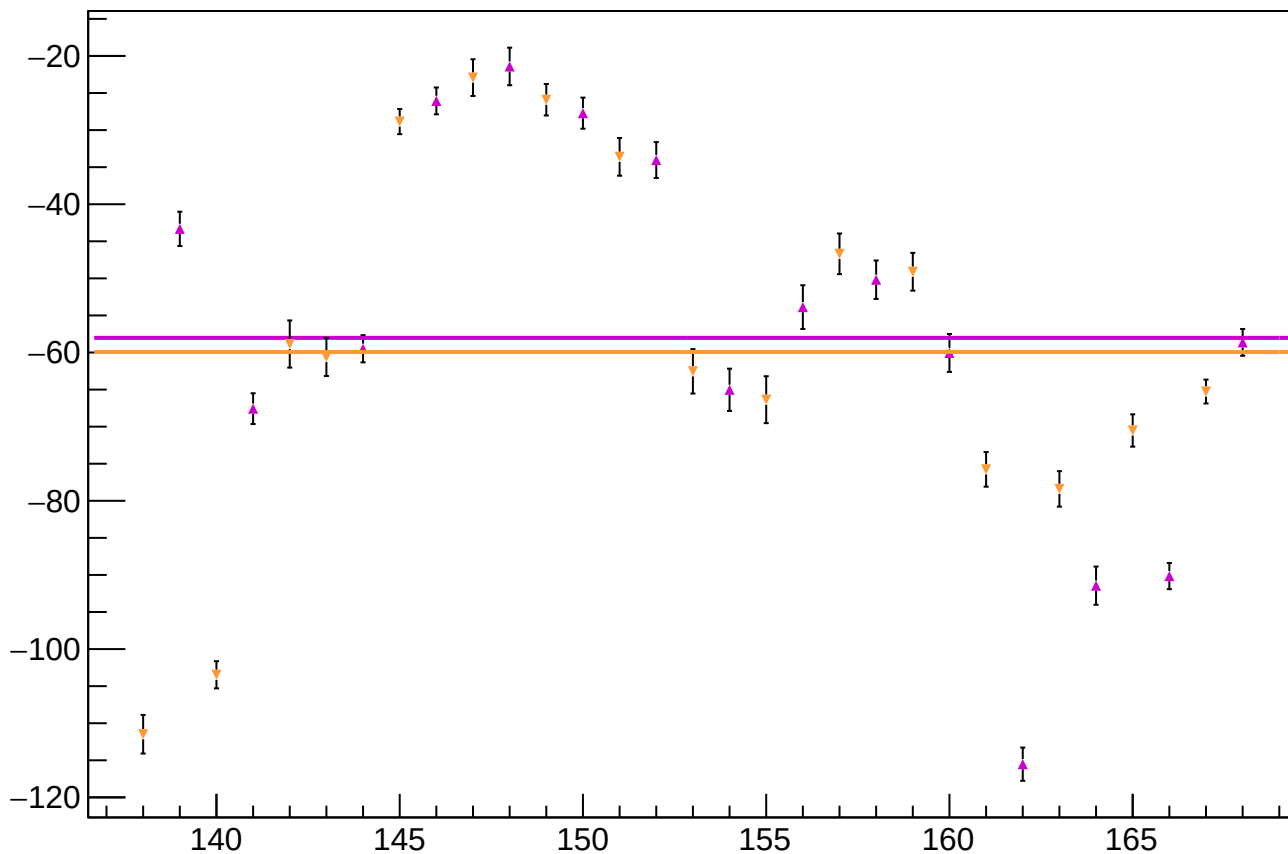
Left In: 0.168 ± 0.009 $\chi^2/\text{NDF}: 282.9/14$

+ sign 0.154 ± 0.009 $\chi^2/\text{NDF}: 897.8/32$

All: 0.128 ± 0.006 $\chi^2/\text{NDF}: 2347.7/66$

- sign 0.103 ± 0.009 $\chi^2/\text{NDF}: 1433.3/33$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -59.934+/-0.574 χ^2/NDF : 2065.2/15

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

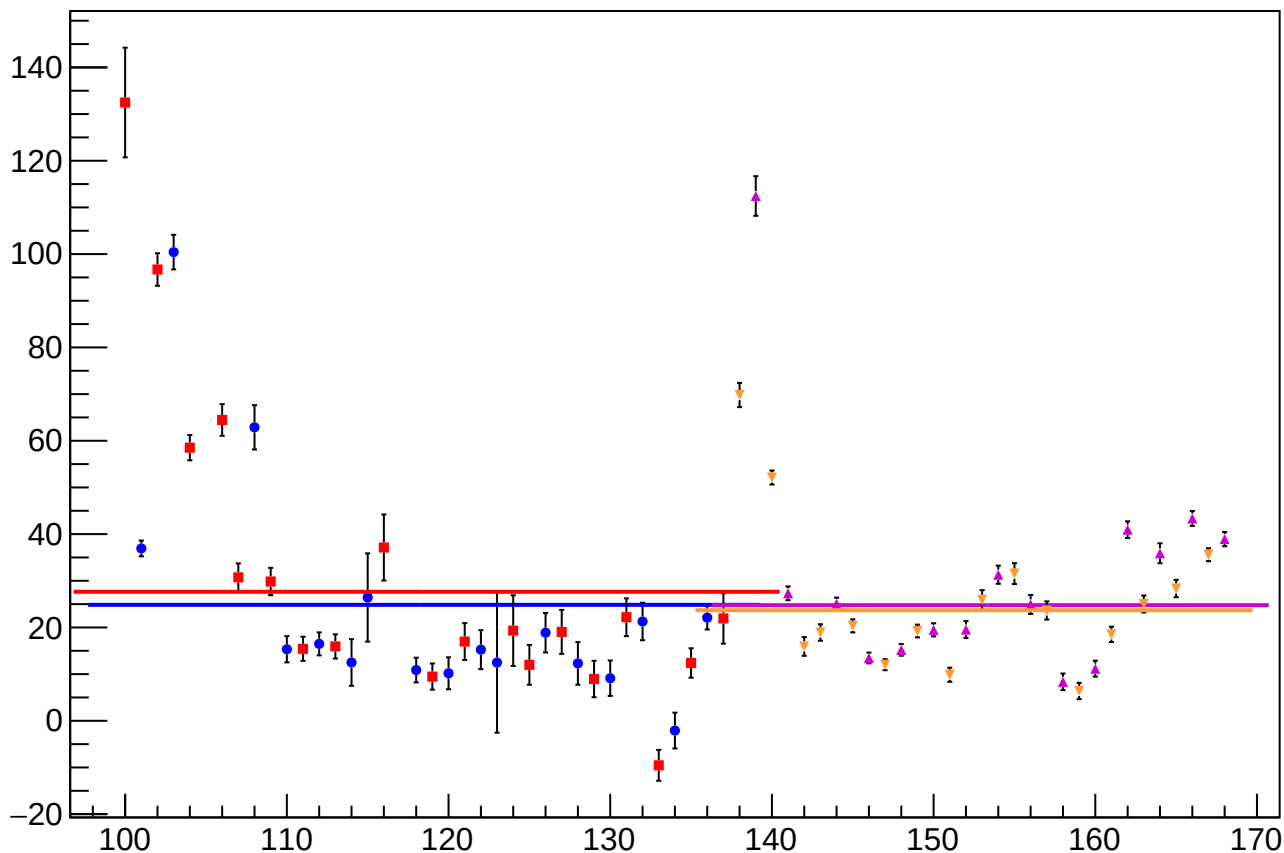
Left In: -58.024+/-0.569 χ^2/NDF : 2068.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.969+/-0.404 χ^2/NDF : 4139.4/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 23.691 $\pm$ 0.413 χ^2 /NDF:1097.4/15

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

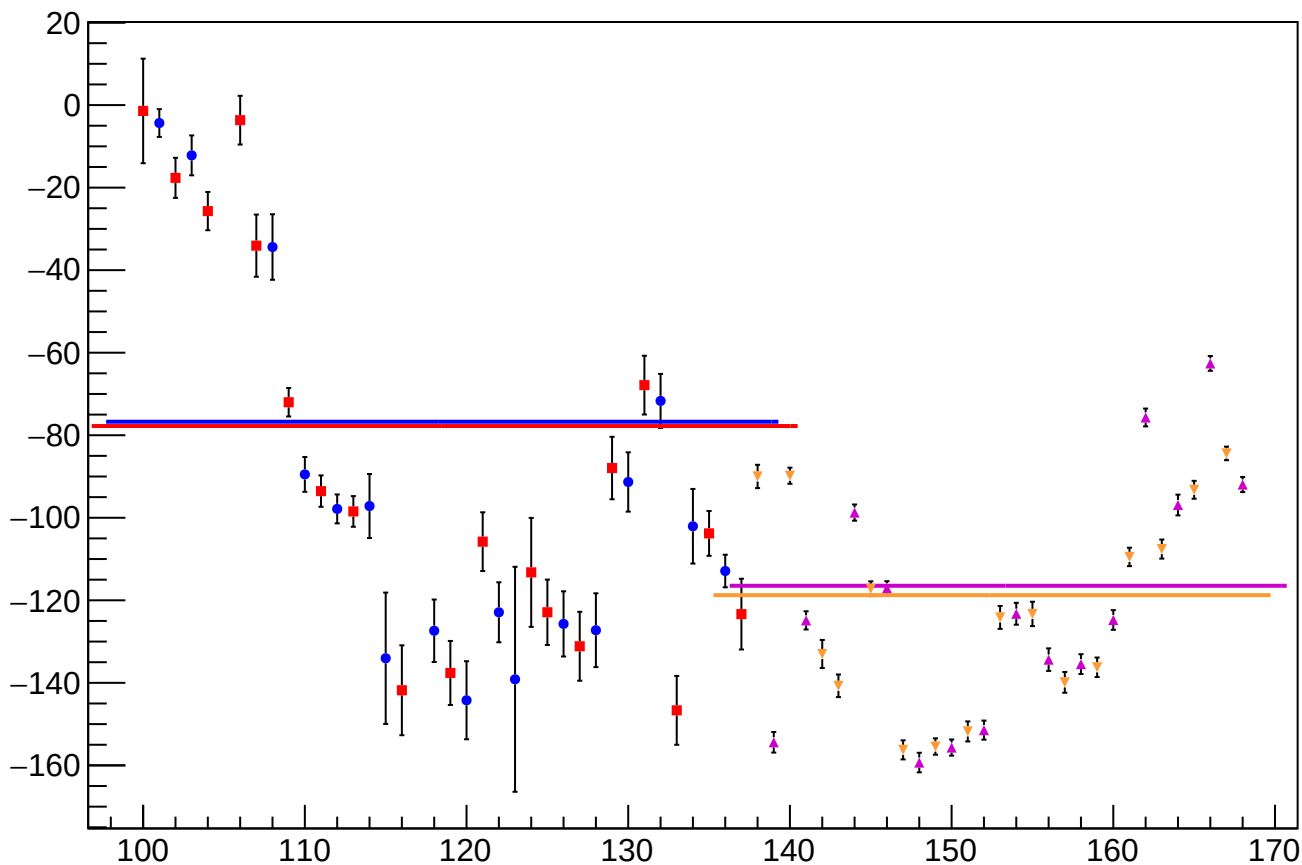
Left In: 24.776 $\pm$ 0.415 χ^2 /NDF:1099.0/14

+ sign 23.934 $\pm$ 0.367 χ^2 /NDF: 1789.9/32

All: 24.648 $\pm$ 0.260 χ^2 /NDF: 3915.6/66

- sign 25.372 $\pm$ 0.369 χ^2 /NDF: 2118.1/33

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -118.750 ± 0.570 χ^2/NDF : 1938.5/15

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

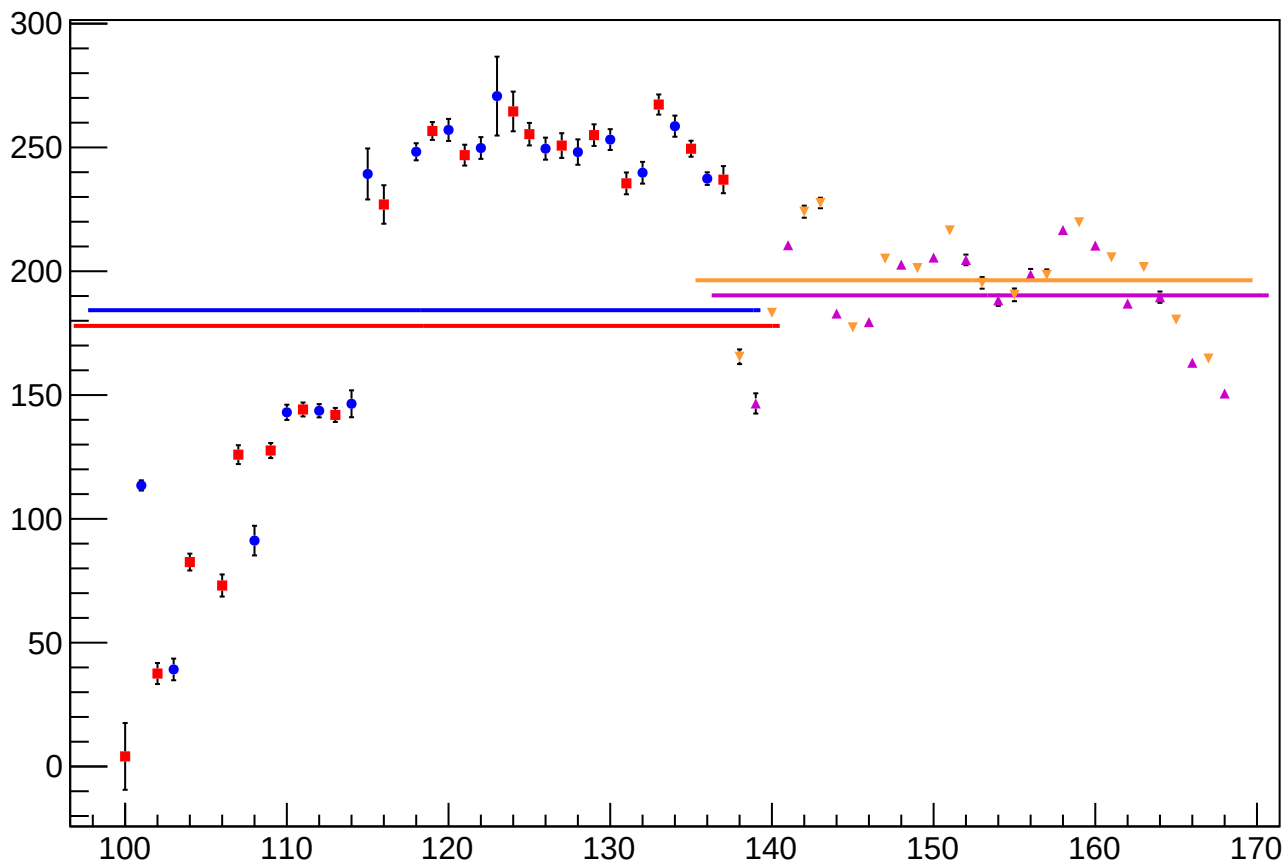
Left In: -116.475 ± 0.560 χ^2/NDF : 2905.2/14

+ sign -112.863 ± 0.529 χ^2/NDF : 3741.9/32

All: -111.815 ± 0.370 χ^2/NDF : 8225.8/66

- sign -110.810 ± 0.517 χ^2/NDF : 4476.2/33

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 ± 0.914 $\chi^2/\text{NDF}: 5401.0/16$

Left Out: 196.361 ± 0.480 $\chi^2/\text{NDF}: 1500.2/15$

Right Out: 177.930 ± 0.924 $\chi^2/\text{NDF}: 6330.9/18$

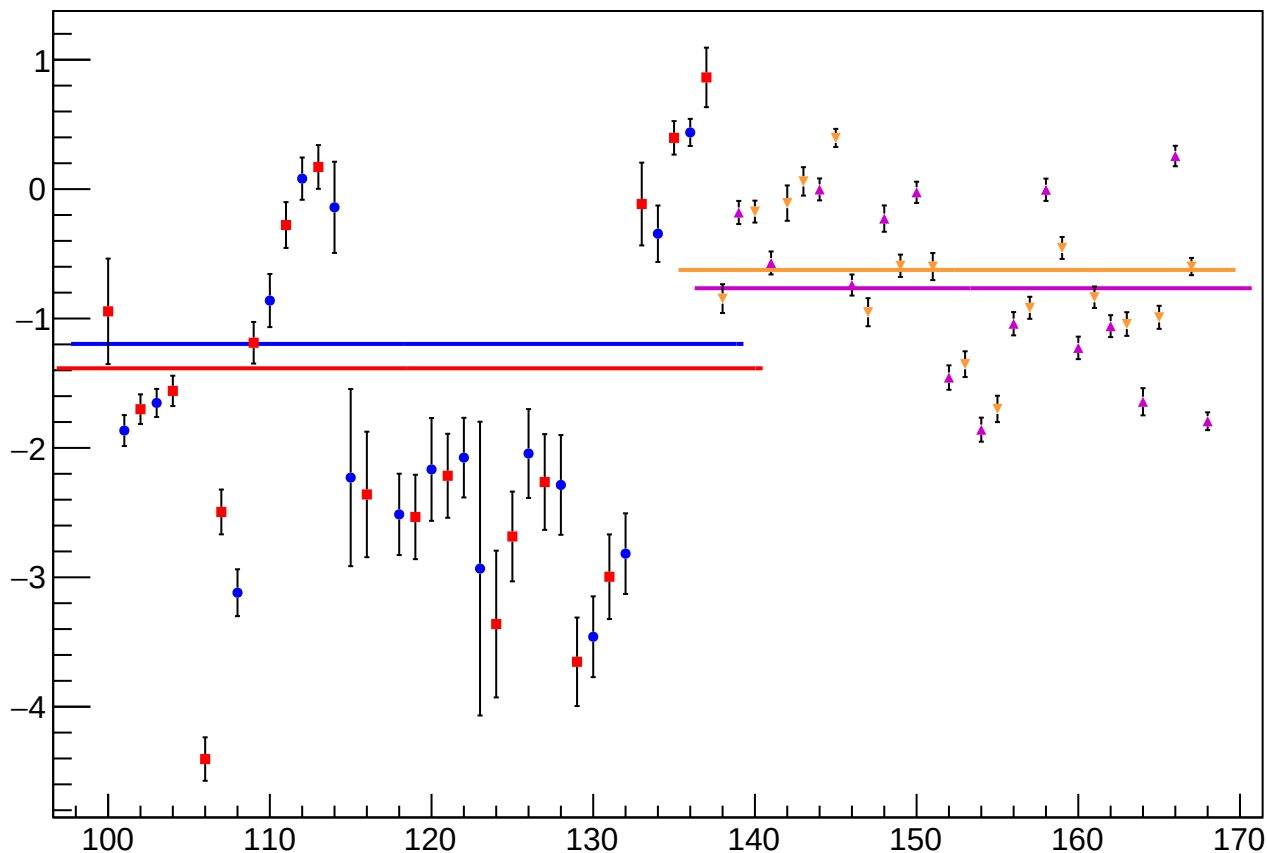
Left In: 190.261 ± 0.482 $\chi^2/\text{NDF}: 1589.4/14$

+ sign 193.745 ± 0.425 $\chi^2/\text{NDF}: 7038.4/32$

All: 190.701 ± 0.301 $\chi^2/\text{NDF}: 15201.9/66$

- sign 187.622 ± 0.427 $\chi^2/\text{NDF}: 8060.3/33$

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.625 ± 0.023 χ^2/NDF : 529.8/15

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

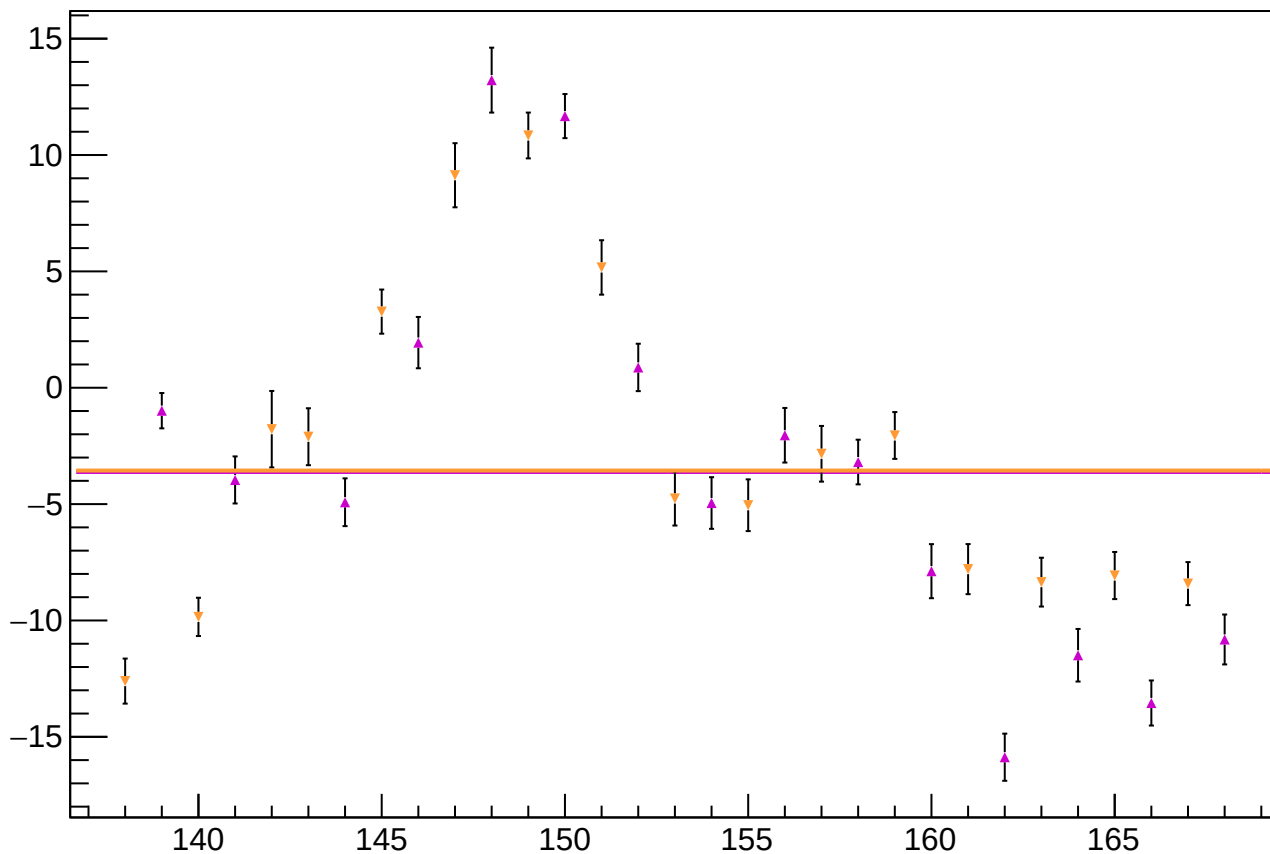
Left In: -0.766 ± 0.022 χ^2/NDF : 1018.0/14

+ sign -0.728 ± 0.020 χ^2/NDF : 1268.7/32

All: -0.808 ± 0.014 χ^2/NDF : 3388.7/66

- sign -0.885 ± 0.020 χ^2/NDF : 2090.1/33

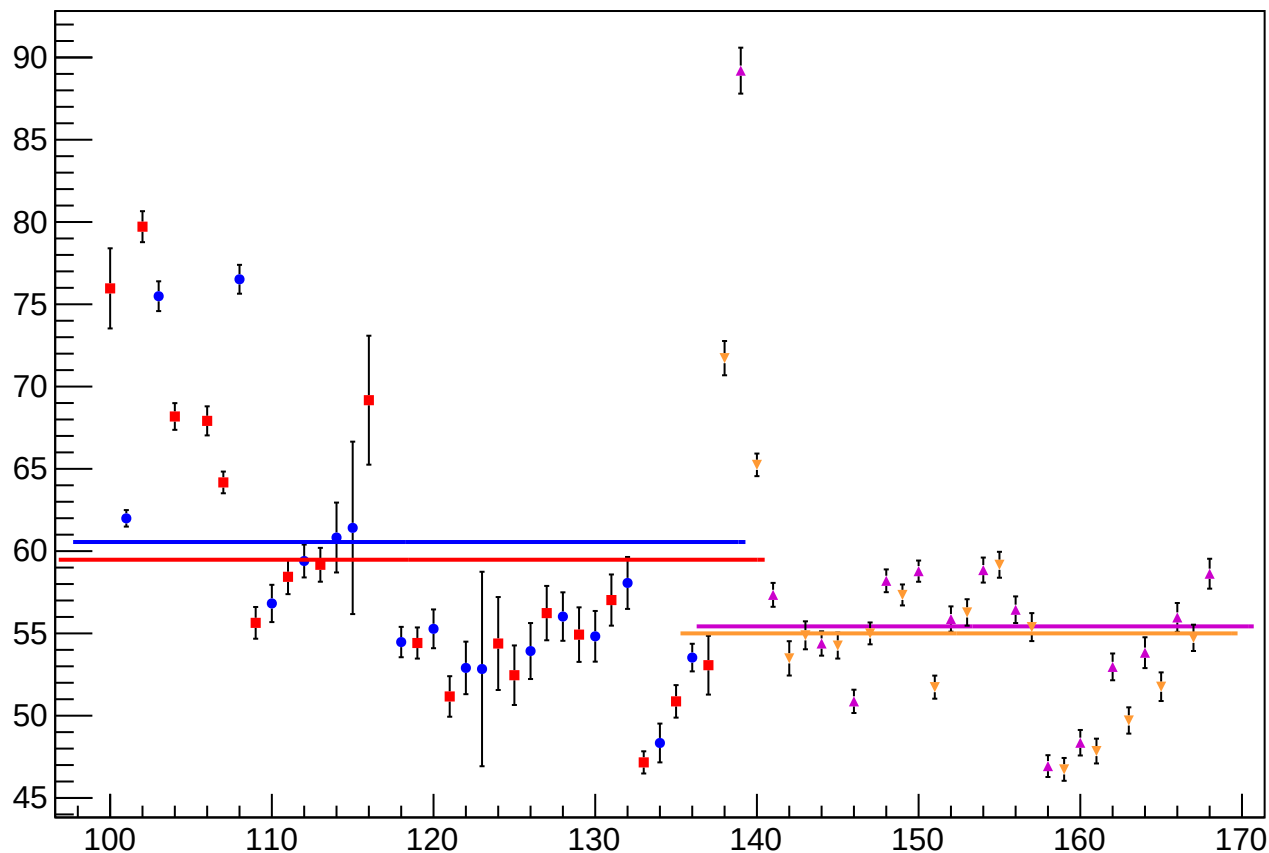
reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: -3.558+/-0.266 χ^2/NDF : 644.1/15
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -3.618+/-0.266 χ^2/NDF : 827.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -3.588+/-0.188 χ^2/NDF : 1471.1/30
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 ± 0.262 $\chi^2/\text{NDF}: 930.8/16$

Left Out: 55.001 ± 0.194 $\chi^2/\text{NDF}: 839.4/15$

Right Out: 59.477 ± 0.248 $\chi^2/\text{NDF}: 1317.0/18$

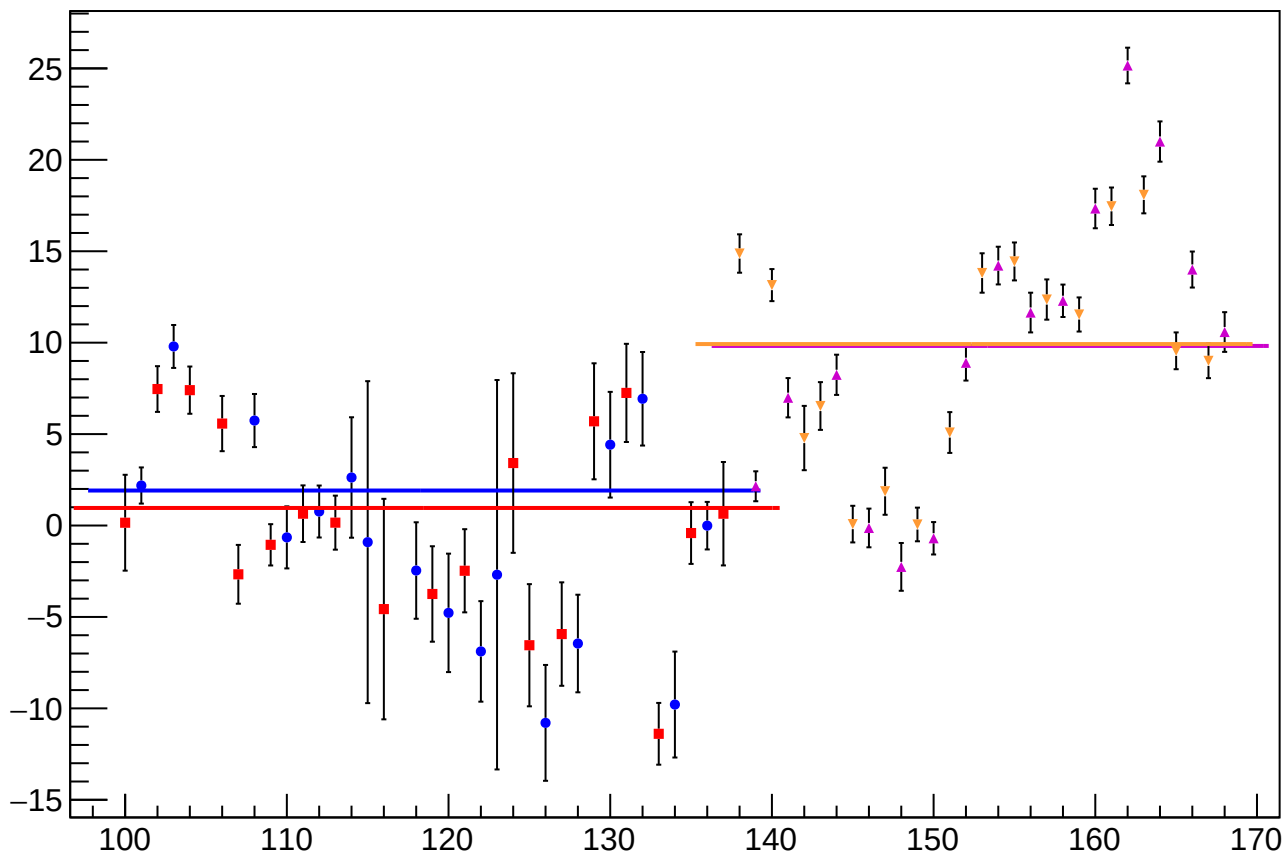
Left In: 55.427 ± 0.201 $\chi^2/\text{NDF}: 972.9/14$

+ sign 56.972 ± 0.156 $\chi^2/\text{NDF}: 2060.9/32$

All: 57.002 ± 0.110 $\chi^2/\text{NDF}: 4512.0/66$

- sign 57.033 ± 0.156 $\chi^2/\text{NDF}: 2451.0/33$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 9.924 ± 0.263 χ^2/NDF : 480.5/15

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

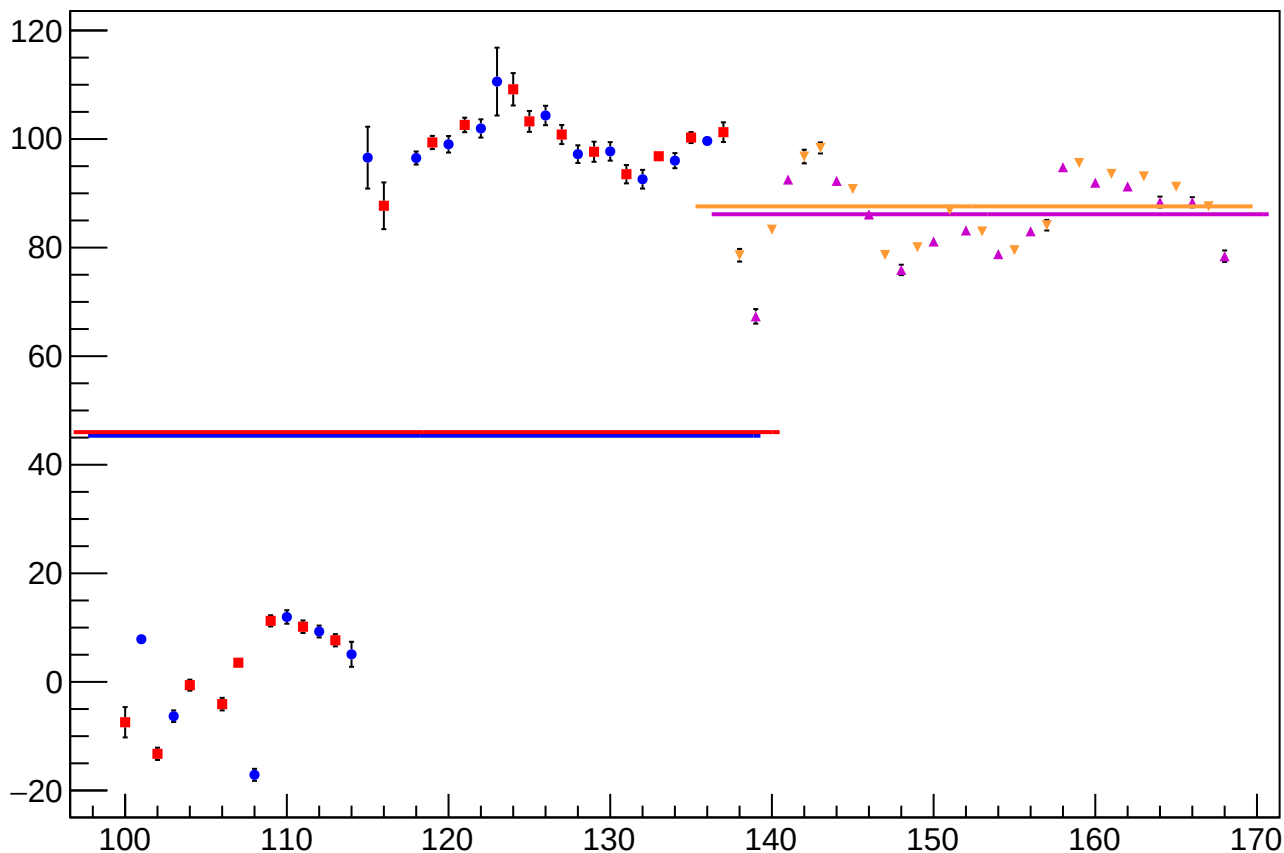
Left In: 9.822 ± 0.261 χ^2/NDF : 858.4/14

+ sign 7.940 ± 0.228 χ^2/NDF : 832.5/32

All: 7.656 ± 0.159 χ^2/NDF : 2159.8/66

- sign 7.386 ± 0.222 χ^2/NDF : 1324.3/33

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 87.597 $\pm$ 0.223 χ^2 /NDF: 811.3/15

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

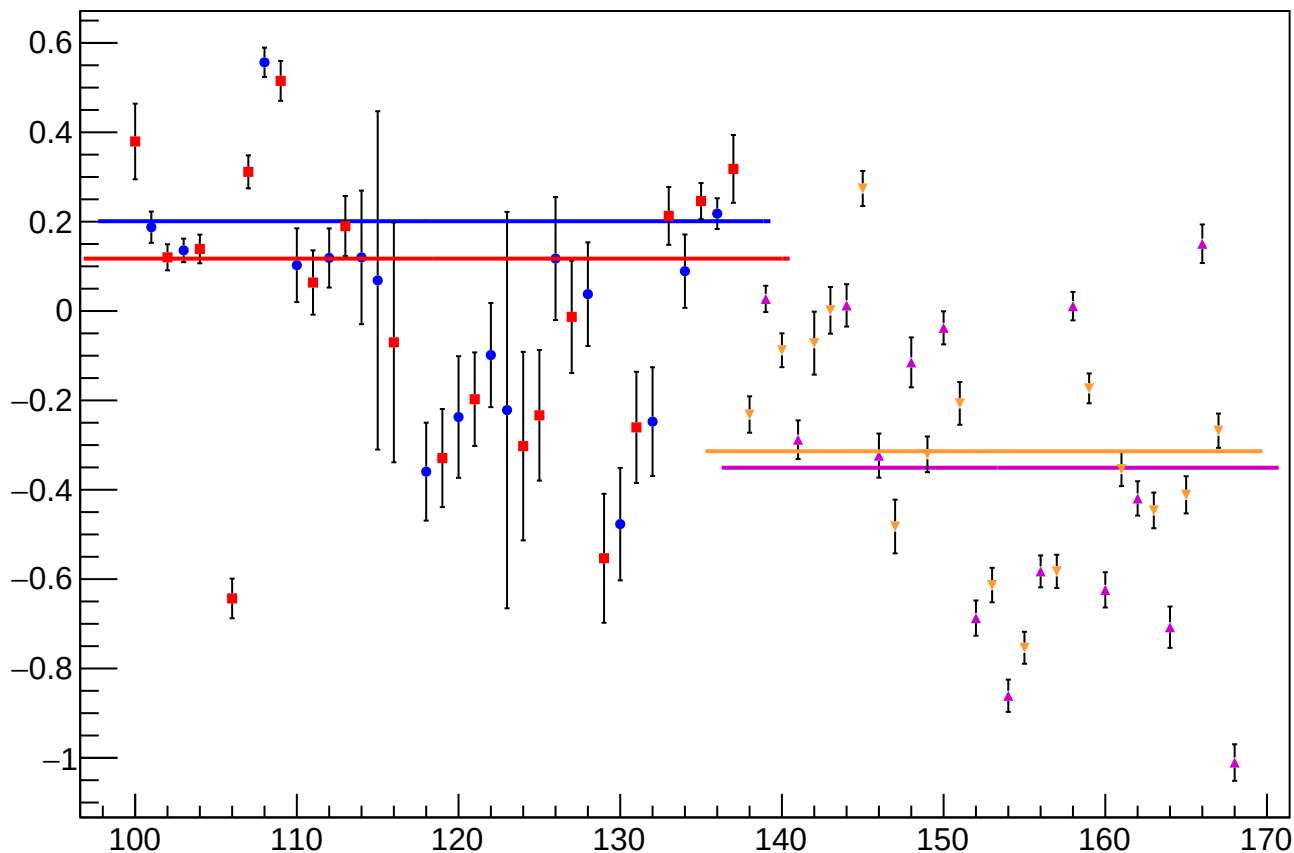
Left In: 86.143 $\pm$ 0.229 χ^2 /NDF: 854.8/14

+ sign 72.733 $\pm$ 0.180 χ^2 /NDF: 38467.7/32

All: 71.693 $\pm$ 0.127 χ^2 /NDF: 79415.3/66

- sign 70.655 $\pm$ 0.180 χ^2 /NDF: 40880.9/33

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.314 ± 0.010 χ^2/NDF : 626.1/15

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

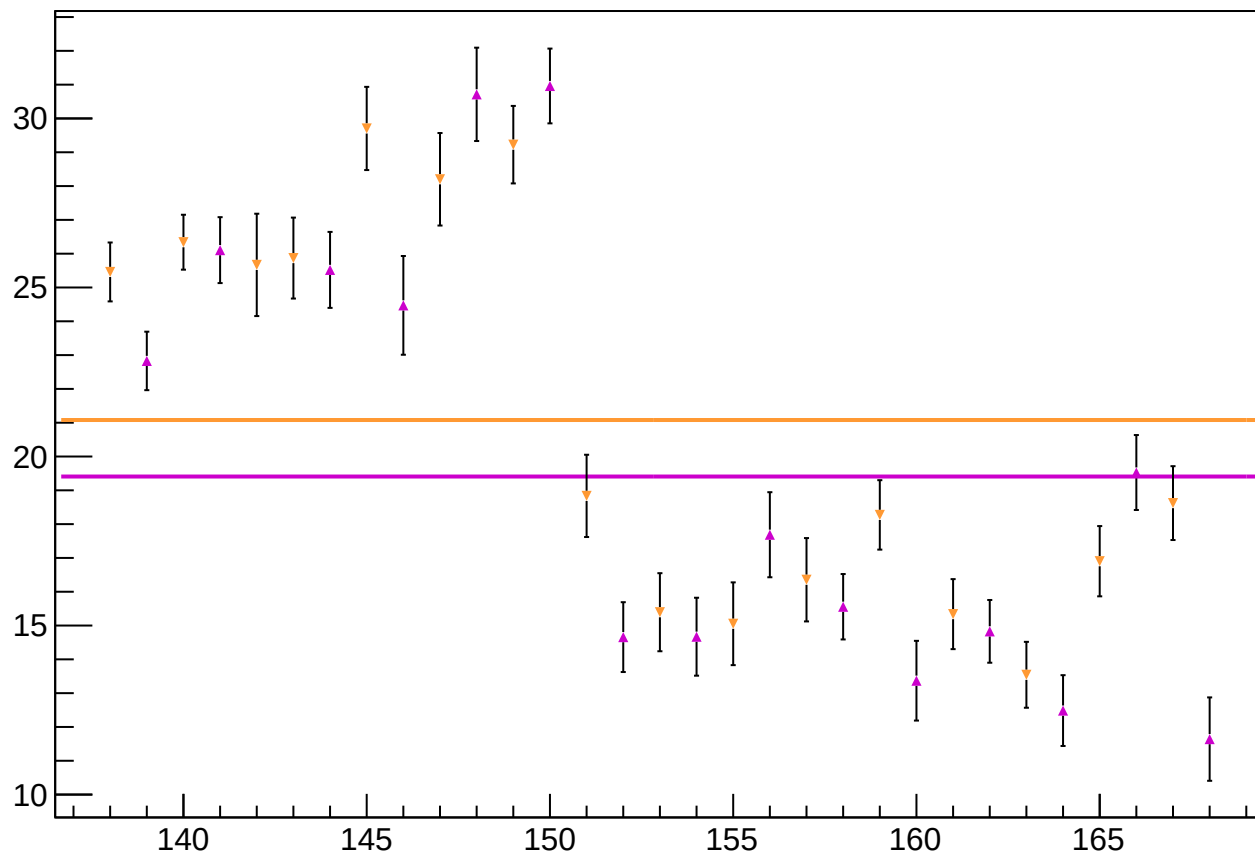
Left In: -0.351 ± 0.010 χ^2/NDF : 1264.9/14

+ sign -0.135 ± 0.008 χ^2/NDF : 1721.6/32

All: -0.155 ± 0.006 χ^2/NDF : 4301.5/66

- sign -0.174 ± 0.008 χ^2/NDF : 2568.5/33

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 21.080 $\pm$ 0.273 χ^2 /NDF:404.9/15

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

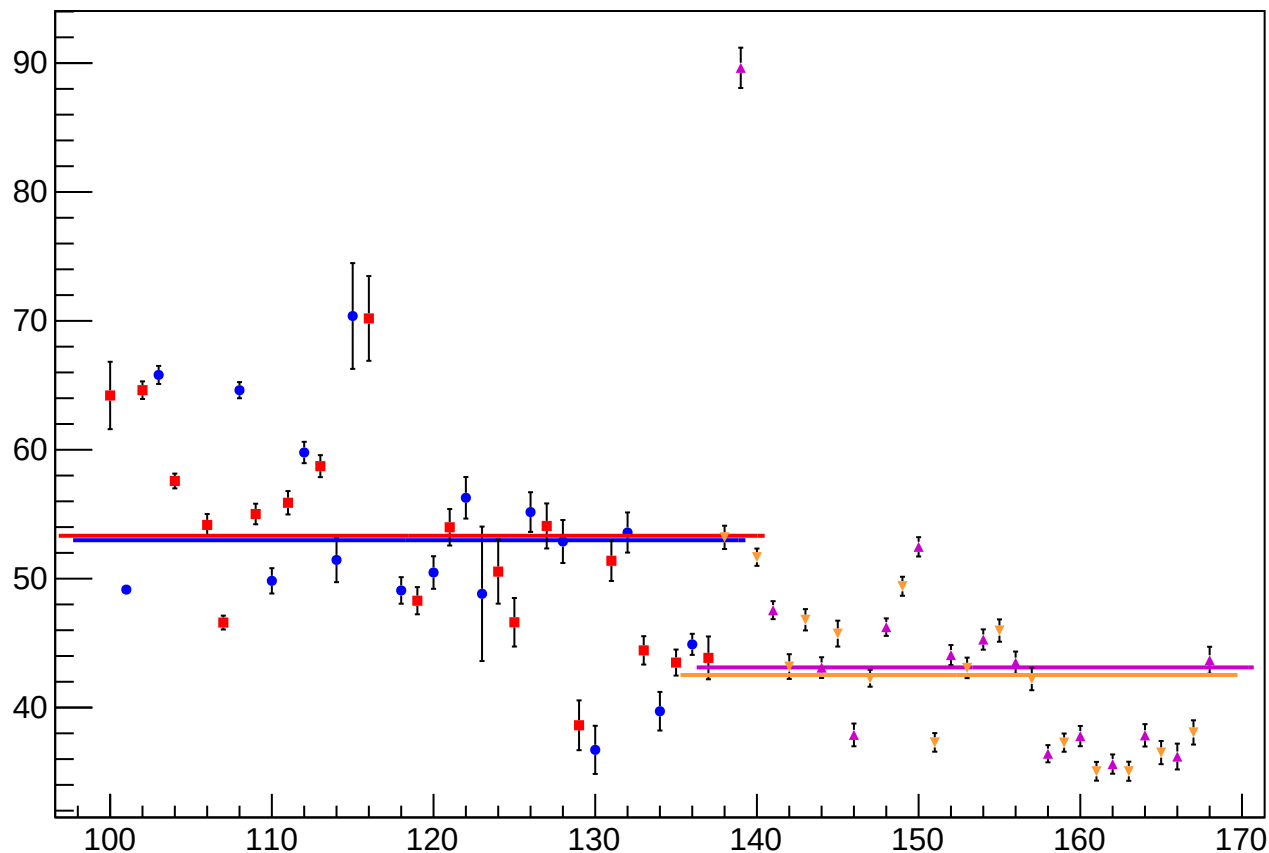
Left In: 19.408 $\pm$ 0.281 χ^2 /NDF:470.4/14

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

All: 20.267 $\pm$ 0.196 χ^2 /NDF: 893.4/30

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

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 ± 0.210 χ^2/NDF : 1197.8/16

Left Out: 42.526 ± 0.199 χ^2/NDF : 848.5/15

Right Out: 53.328 ± 0.227 χ^2/NDF : 872.7/18

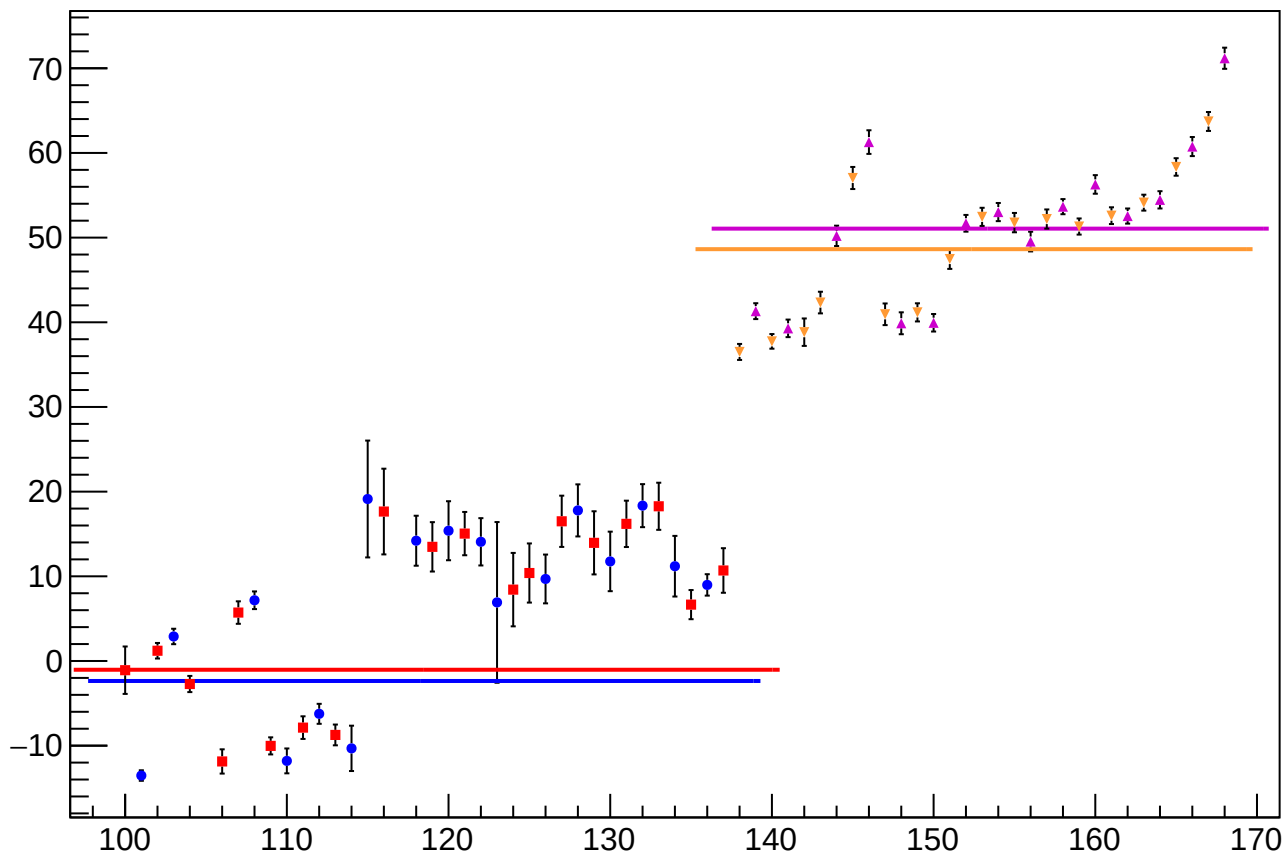
Left In: 43.113 ± 0.210 χ^2/NDF : 1480.3/14

+ sign 47.457 ± 0.144 χ^2/NDF : 3354.0/32

All: 47.628 ± 0.105 χ^2/NDF : 6804.3/66

- sign 47.822 ± 0.154 χ^2/NDF : 3447.3/33

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 48.635 ± 0.271 χ^2/NDF : 870.0/15

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

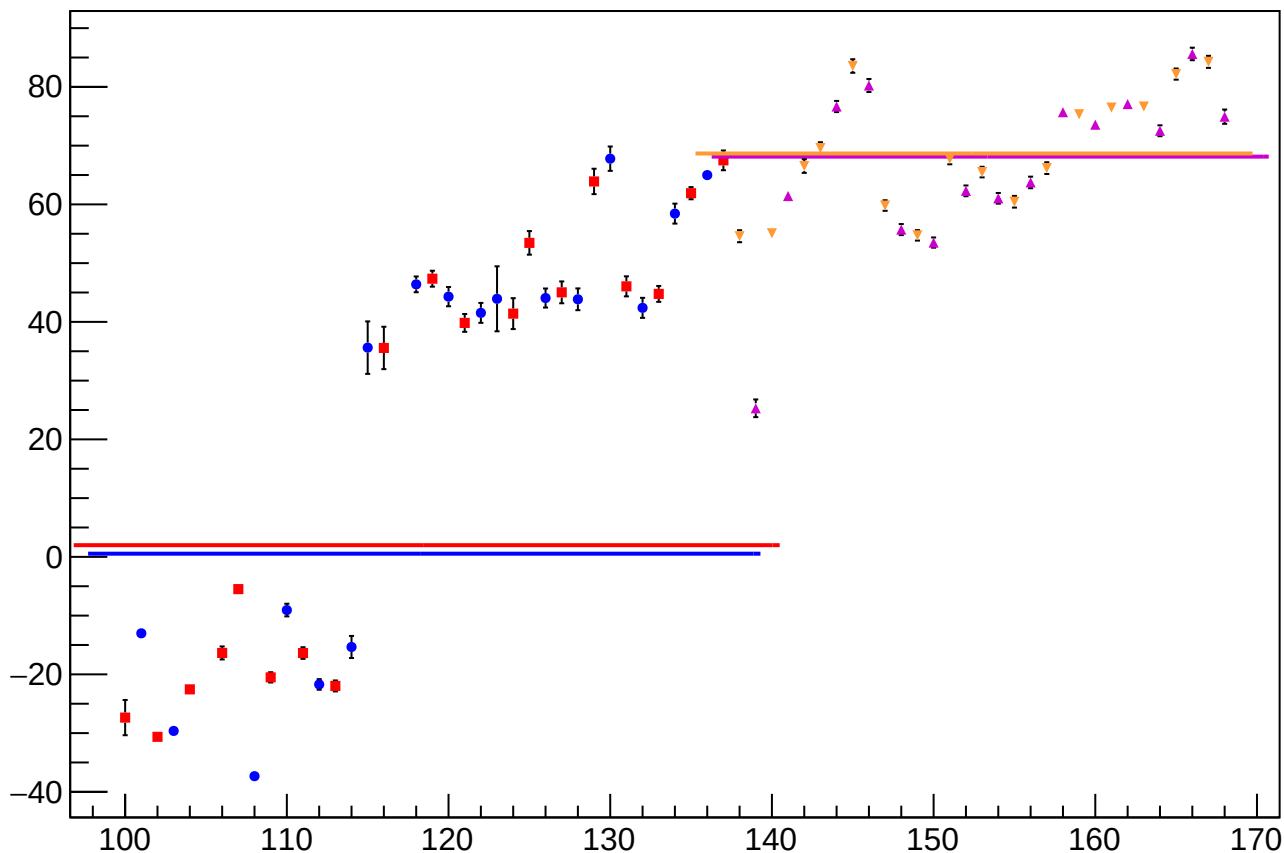
Left In: 51.060 ± 0.276 χ^2/NDF : 865.7/14

+ sign 30.479 ± 0.217 χ^2/NDF : 14363.4/32

All: 31.665 ± 0.155 χ^2/NDF : 28246.6/66

- sign 32.911 ± 0.222 χ^2/NDF : 13822.0/33

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 $\pm$ 0.247 χ^2 /NDF: 18423.8/16

Left Out: 68.663 $\pm$ 0.229 χ^2 /NDF:1791.8/15

Right Out: 1.990 $\pm$ 0.267 χ^2 /NDF: 15476.7/18

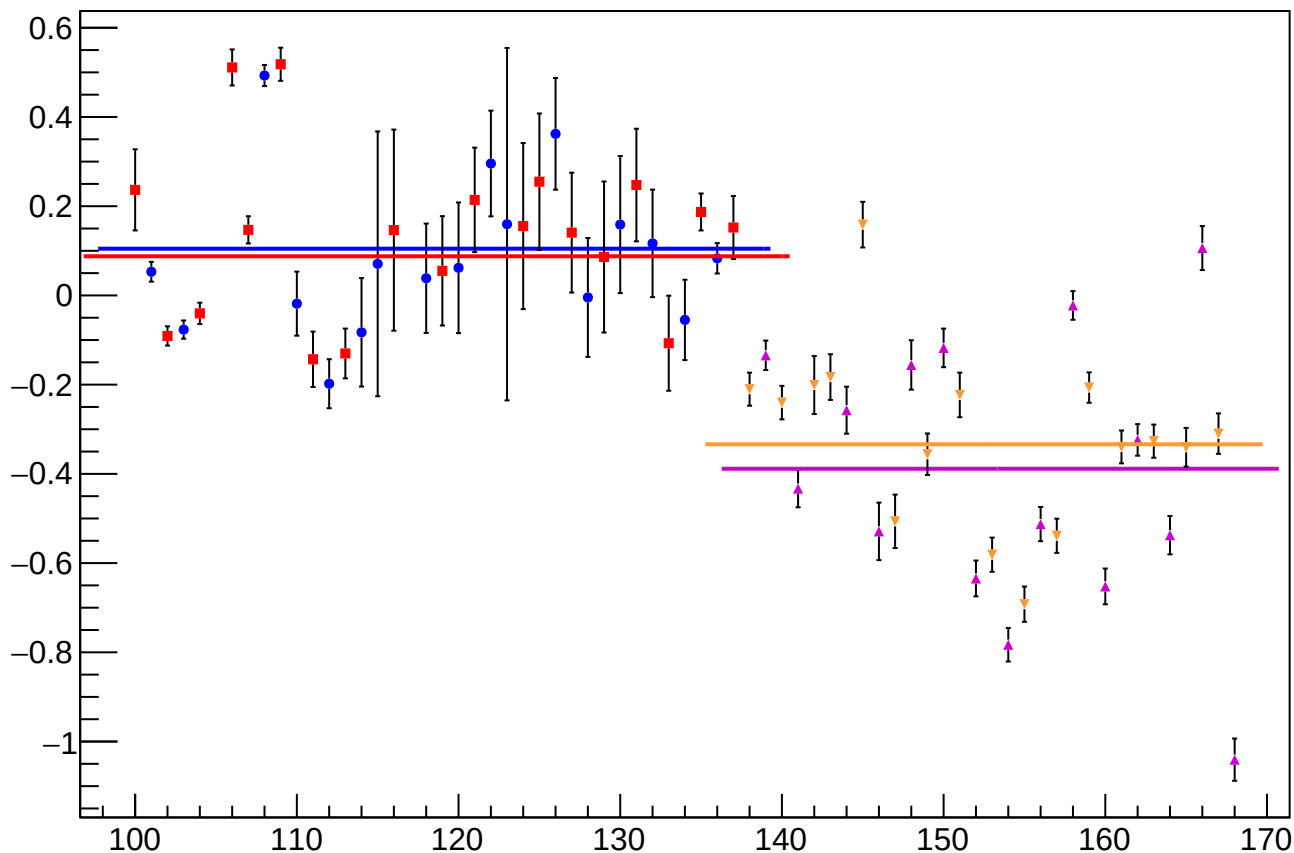
Left In: 68.131 $\pm$ 0.239 χ^2 /NDF:2262.9/14

+ sign 37.132 $\pm$ 0.168 χ^2 /NDF: 61169.9/32

All: 37.818 $\pm$ 0.122 χ^2 /NDF: 113025.6/66

- sign 38.591 $\pm$ 0.178 χ^2 /NDF: 51820.1/33

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.334 ± 0.011 χ^2/NDF : 303.3/15

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

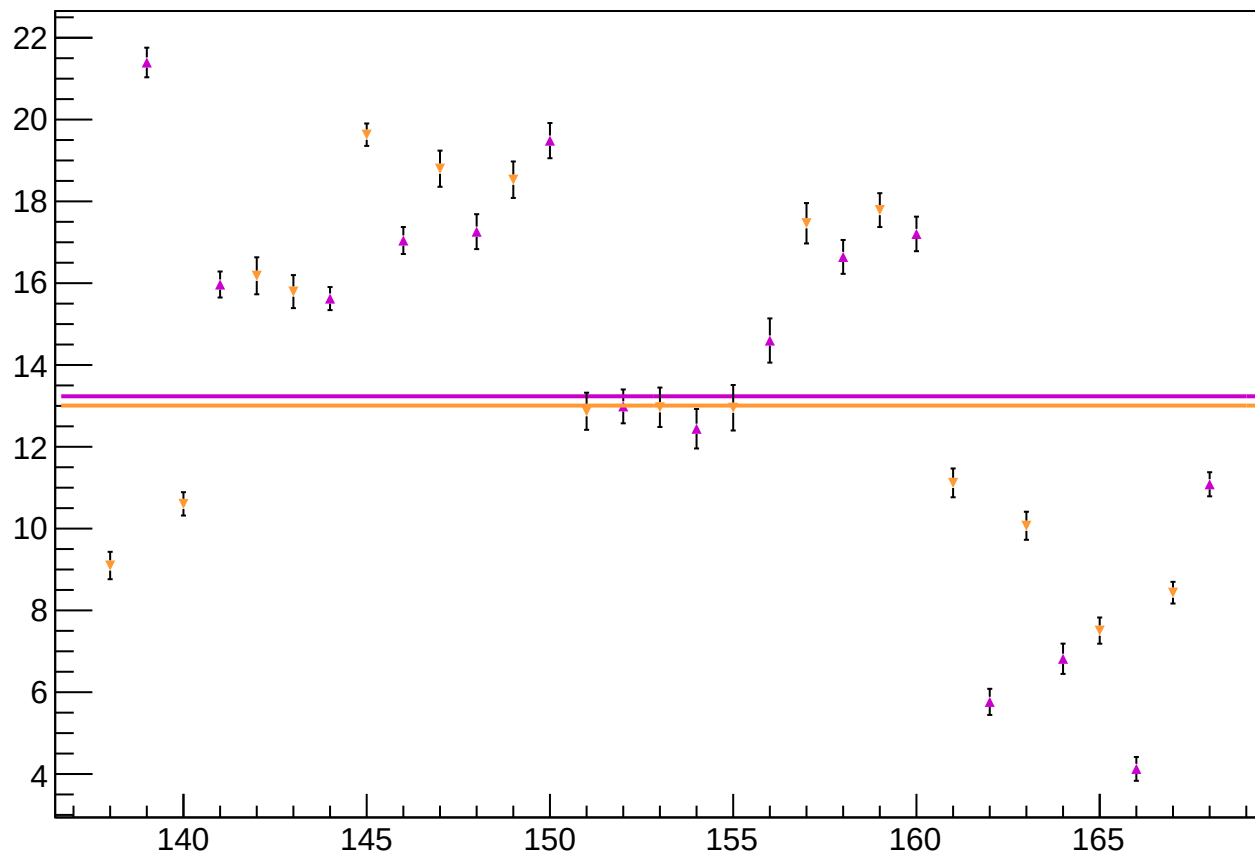
Left In: -0.389 ± 0.011 χ^2/NDF : 765.5/14

+ sign -0.124 ± 0.008 χ^2/NDF : 1526.6/32

All: -0.140 ± 0.005 χ^2/NDF : 3656.6/66

- sign -0.157 ± 0.008 χ^2/NDF : 2120.3/33

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 13.008 $\pm$ 0.092 χ^2 /NDF:2122.2/15

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

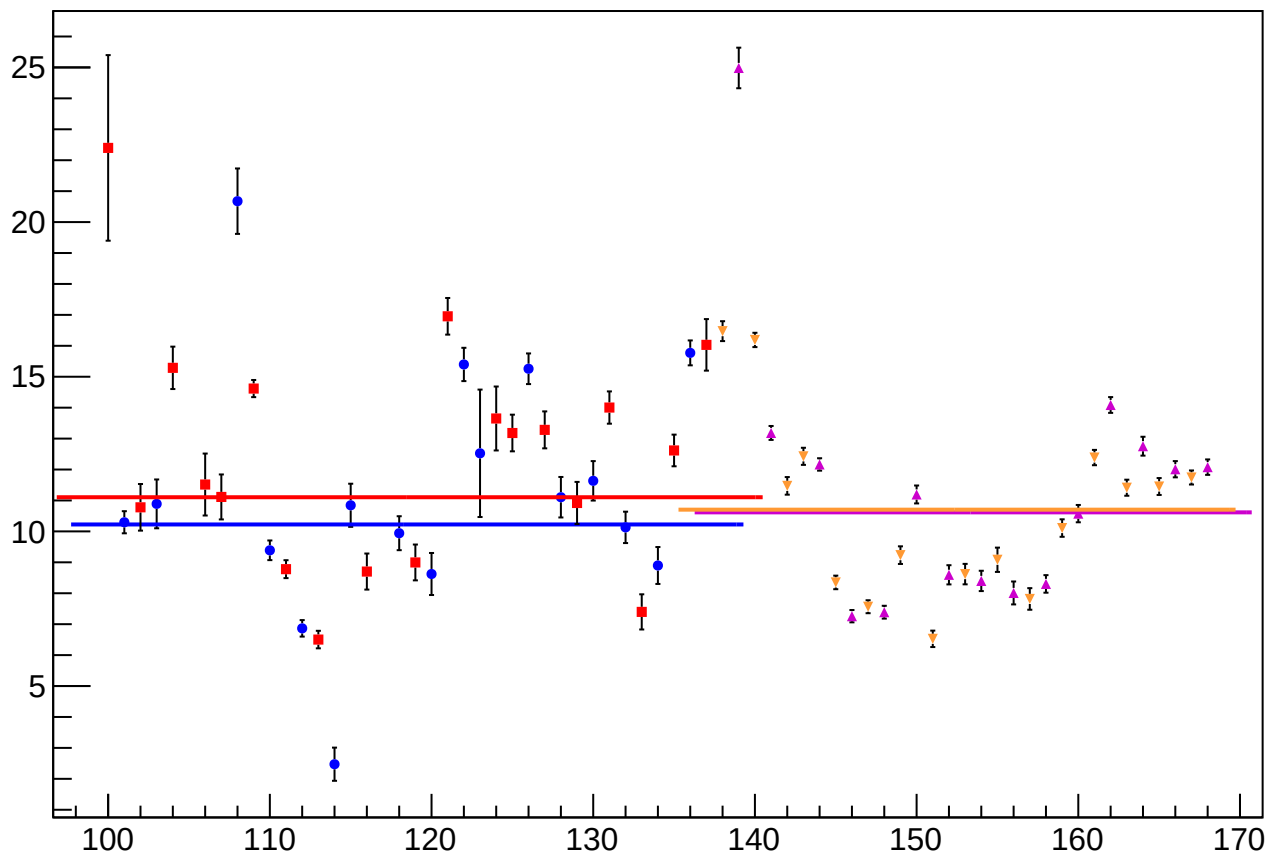
Left In: 13.234 $\pm$ 0.093 χ^2 /NDF:3131.3/14

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

All: 13.120 $\pm$ 0.065 χ^2 /NDF: 5256.5/30

- sign 0.000 $\pm$ 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: 10.702 $\pm$ 0.067 χ^2/NDF :1755.2/15

Right Out: 11.104 $\pm$ 0.116 χ^2/NDF : 817.2/18

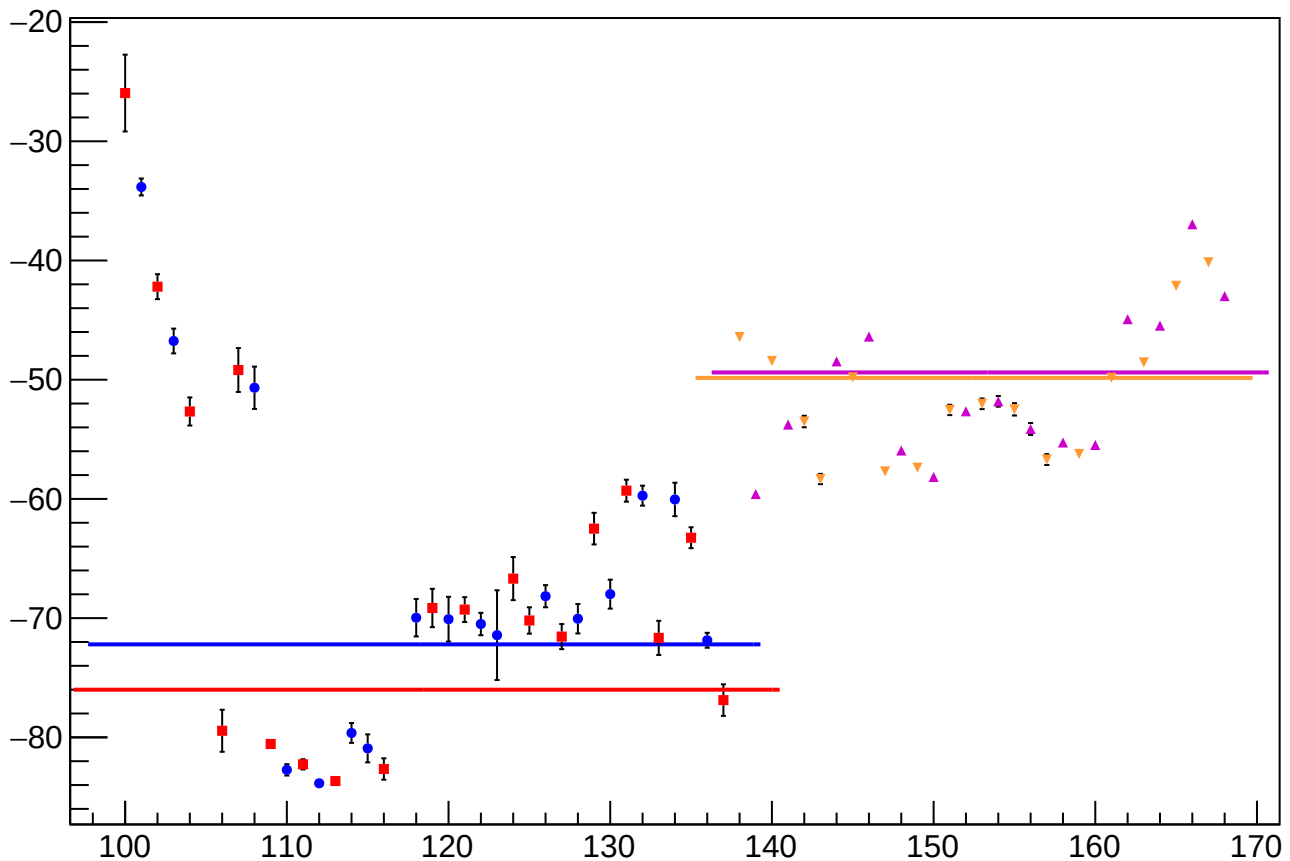
Left In: 10.615 $\pm$ 0.068 χ^2/NDF :1700.4/14

+ sign 10.588 $\pm$ 0.058 χ^2/NDF : 2645.1/32

All: 10.663 $\pm$ 0.041 χ^2/NDF : 5179.3/66

- sign 10.740 $\pm$ 0.059 χ^2/NDF : 2530.8/33

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -49.845 ± 0.092 χ^2/NDF : 3716.5/15

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

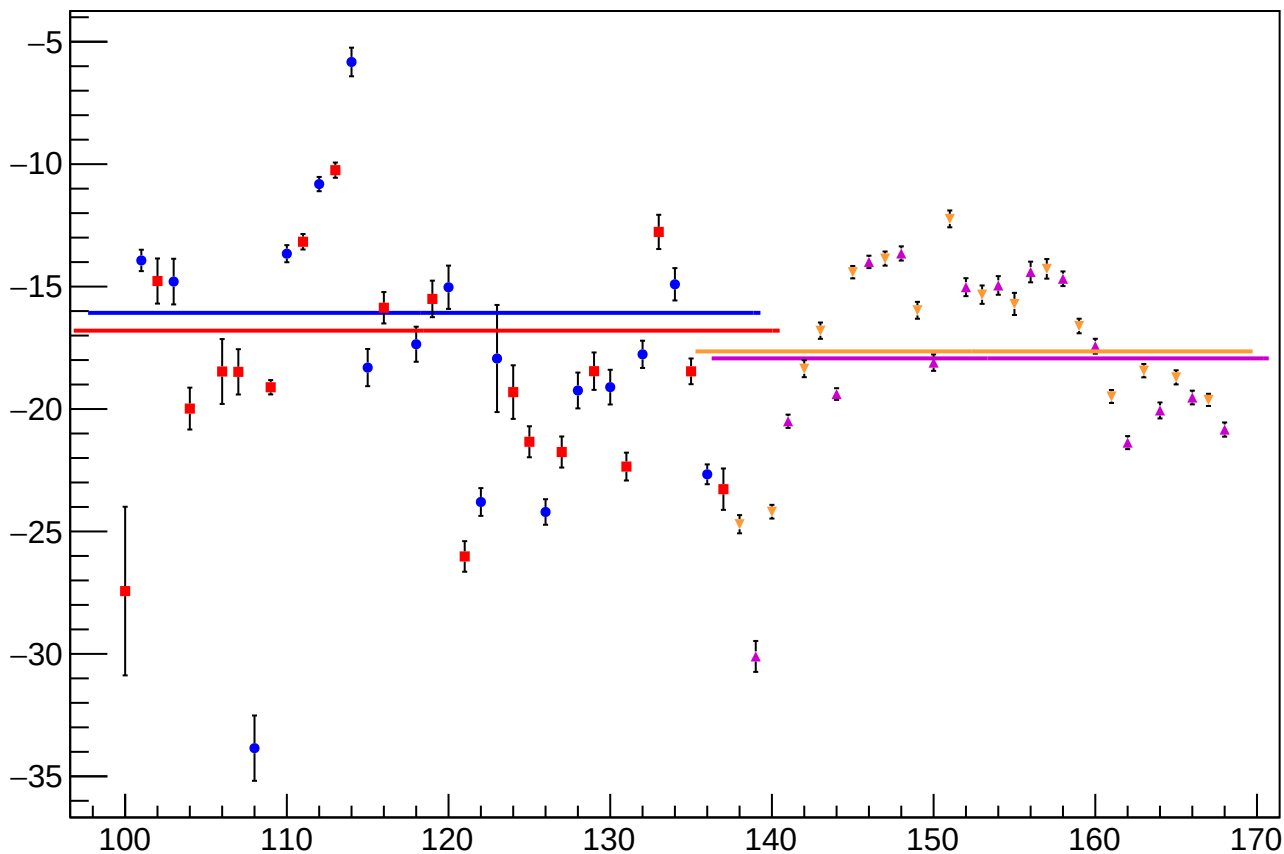
Left In: -49.390 ± 0.092 χ^2/NDF : 4900.1/14

+ sign -53.818 ± 0.083 χ^2/NDF : 19798.5/32

All: -54.346 ± 0.058 χ^2/NDF : 45433.3/66

- sign -54.857 ± 0.082 χ^2/NDF : 25556.0/33

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 χ^2/NDF : 1640.9/16

Left Out: -17.647 ± 0.077 χ^2/NDF : 1795.6/15

Right Out: -16.799 ± 0.128 χ^2/NDF : 1215.8/18

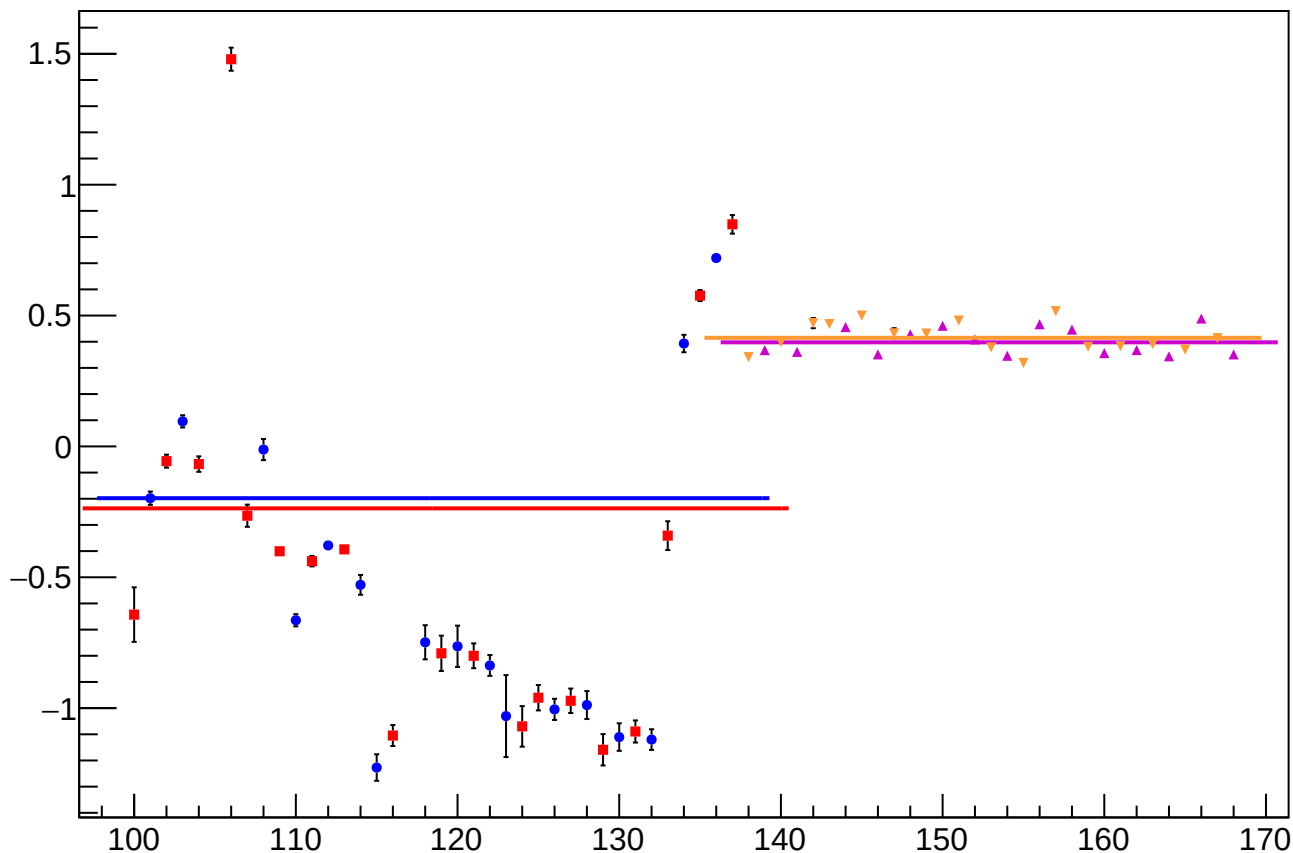
Left In: -17.932 ± 0.079 χ^2/NDF : 1615.6/14

+ sign -17.245 ± 0.067 χ^2/NDF : 3542.3/32

All: -17.431 ± 0.047 χ^2/NDF : 6445.9/66

- sign -17.620 ± 0.067 χ^2/NDF : 2888.0/33

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.415 ± 0.004 χ^2/NDF : 220.1/15

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

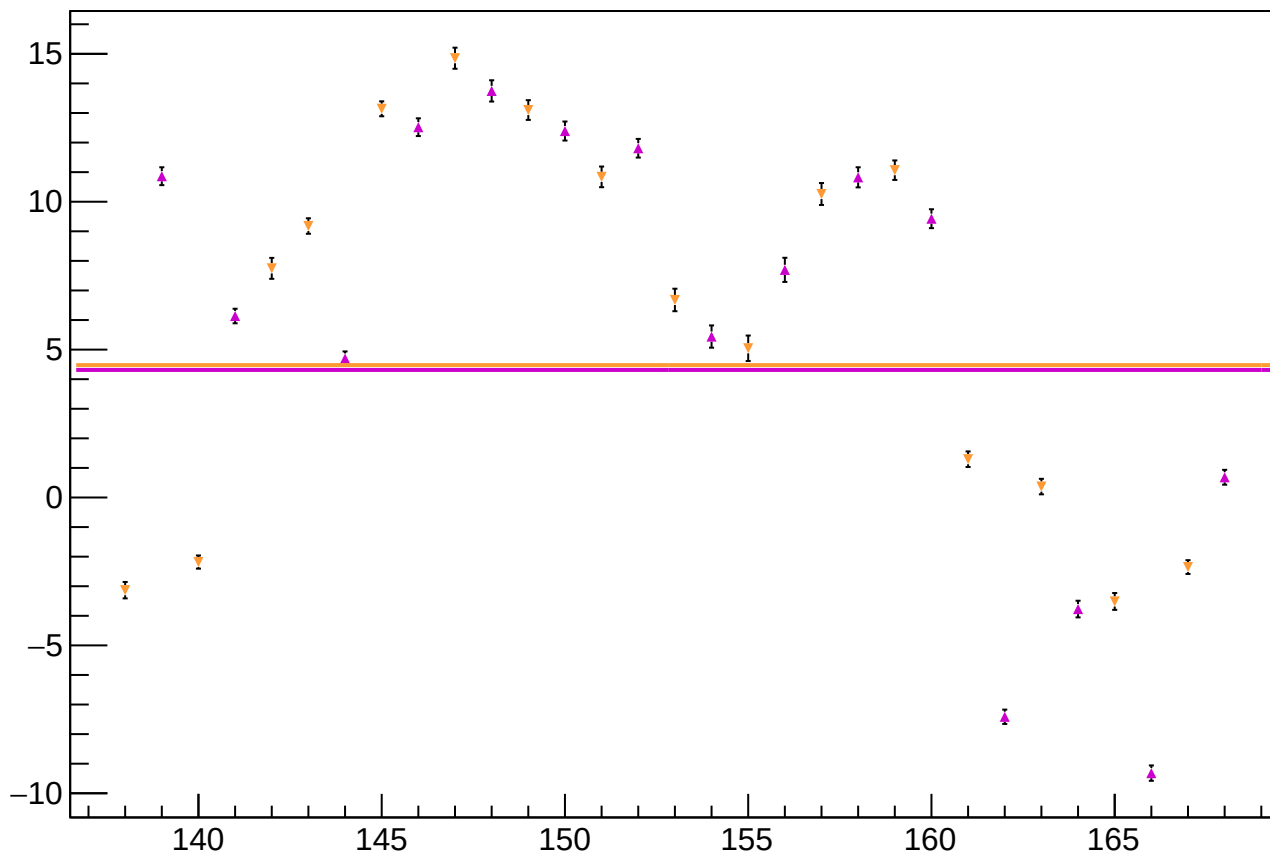
Left In: 0.398 ± 0.004 χ^2/NDF : 192.0/14

+ sign 0.299 ± 0.003 χ^2/NDF : 11919.3/32

All: 0.283 ± 0.002 χ^2/NDF : 24589.5/66

- sign 0.266 ± 0.003 χ^2/NDF : 12620.8/33

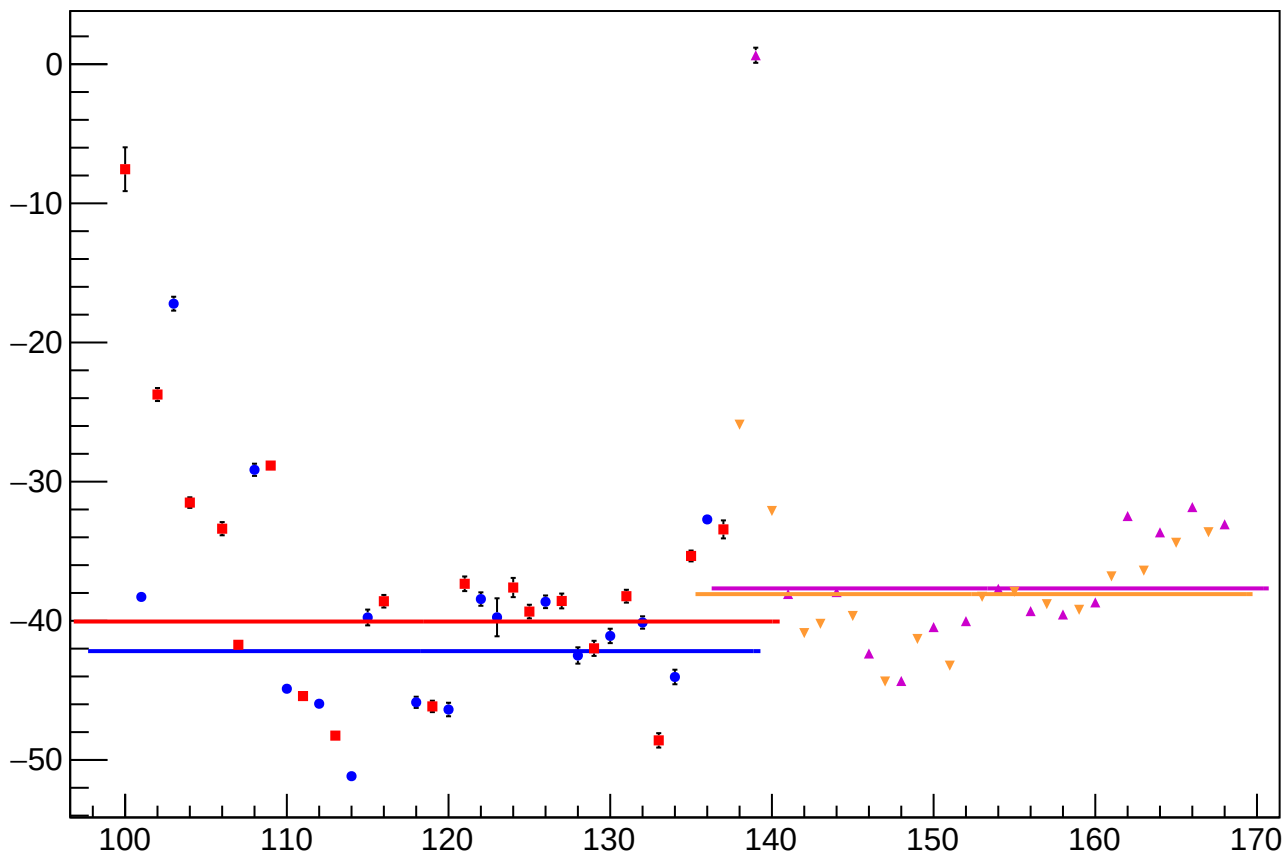
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.476+/-0.074 χ^2/NDF : 7796.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.313+/-0.076 χ^2/NDF : 9989.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.397+/-0.053 χ^2/NDF : 17788.6/30
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 ± 0.078 χ^2/NDF : 6573.8/16

Left Out: -38.083 ± 0.053 χ^2/NDF : 6585.0/15

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

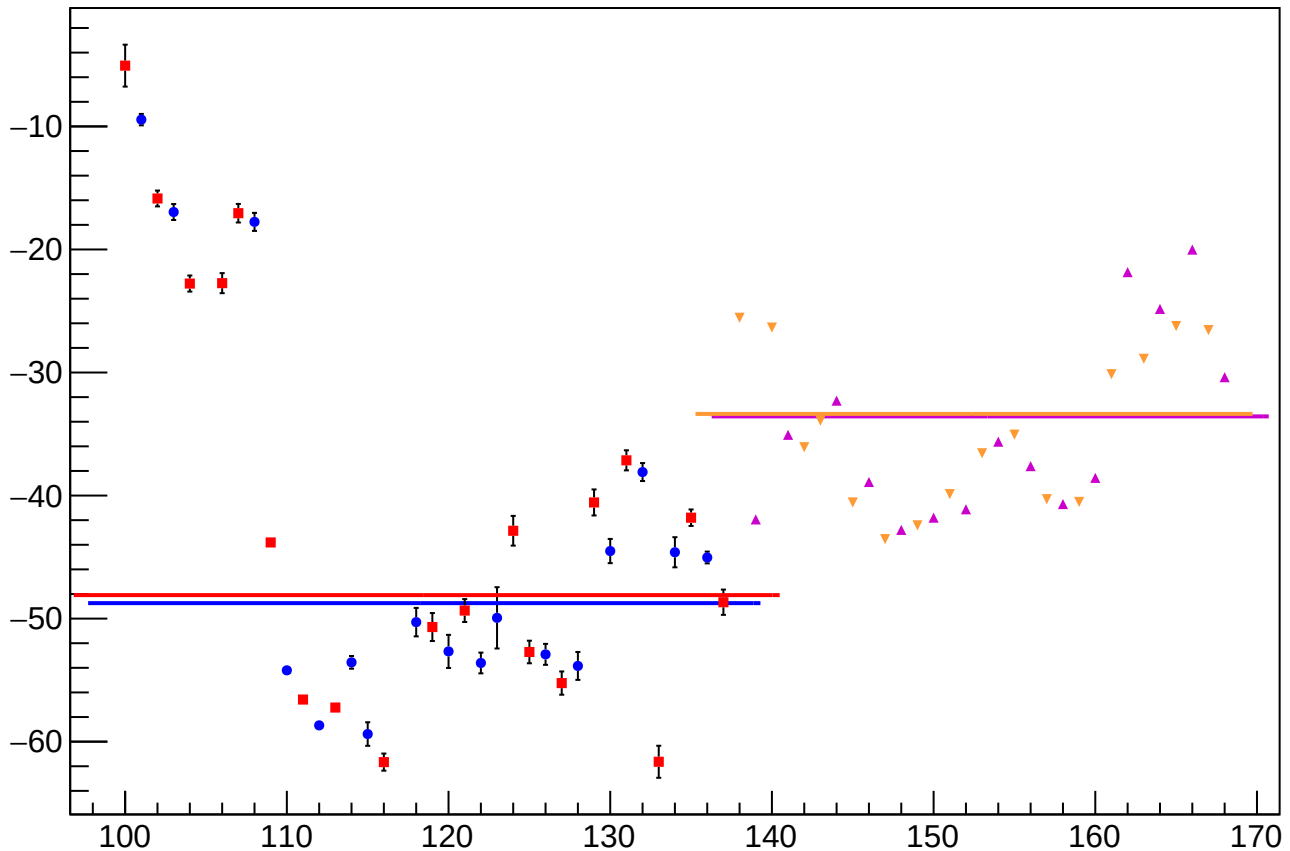
Left In: -37.672 ± 0.056 χ^2/NDF : 9511.4/14

+ sign -39.385 ± 0.044 χ^2/NDF : 15050.7/32

All: -38.969 ± 0.031 χ^2/NDF : 36732.6/66

- sign -38.548 ± 0.044 χ^2/NDF : 21500.7/33

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743+/-0.124 χ^2/NDF : 14658.5/16

Left Out: -33.365+/-0.073 χ^2/NDF : 7473.7/15

Right Out: -48.091+/-0.107 χ^2/NDF : 11731.5/18

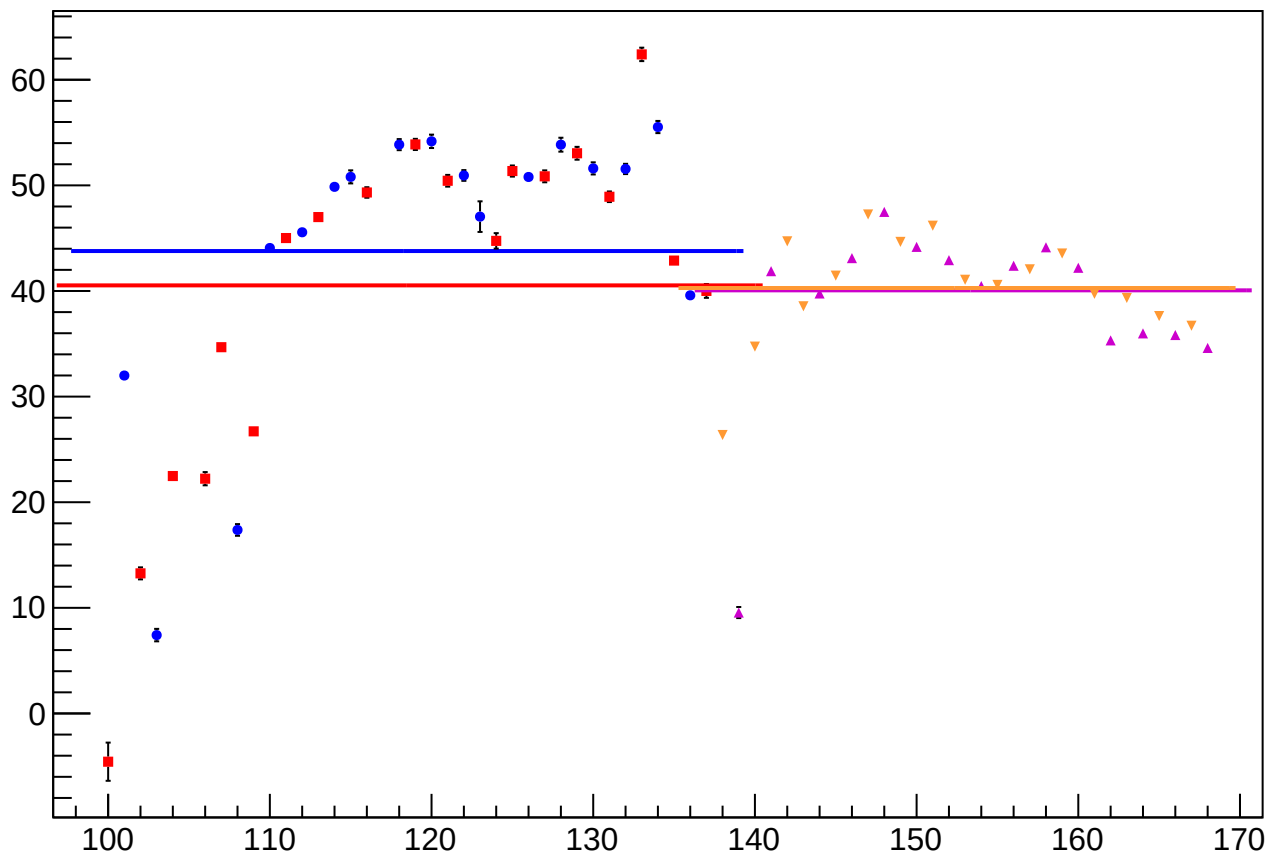
Left In: -33.566+/-0.075 χ^2/NDF : 10445.4/14

+ sign -37.334+/-0.063 χ^2/NDF : 33464.3/32

All: -37.832+/-0.044 χ^2/NDF : 68134.1/66

- sign -38.298+/-0.061 χ^2/NDF : 34549.8/33

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 ± 0.087 χ^2/NDF : 10638.7/16

Left Out: 40.282 ± 0.062 χ^2/NDF : 5305.6/15

Right Out: 40.530 ± 0.080 χ^2/NDF : 17580.7/18

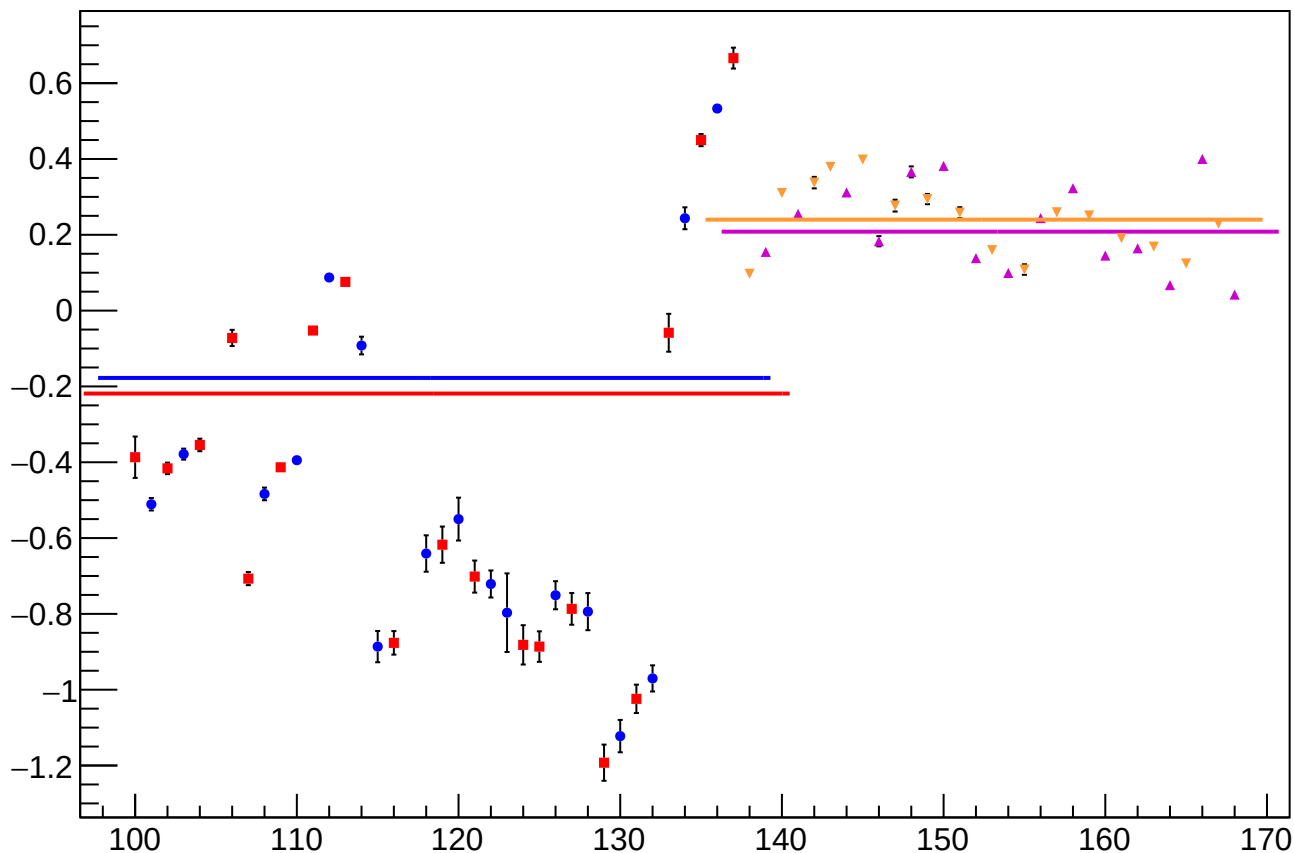
Left In: 40.061 ± 0.064 χ^2/NDF : 6928.8/14

+ sign 41.456 ± 0.050 χ^2/NDF : 17029.6/32

All: 40.849 ± 0.035 χ^2/NDF : 41852.1/66

- sign 40.244 ± 0.050 χ^2/NDF : 24530.4/33

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 $\pm$ 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.240 $\pm$ 0.003 χ^2/NDF : 941.9/15

Right Out: -0.219 $\pm$ 0.004 χ^2/NDF : 7470.0/18

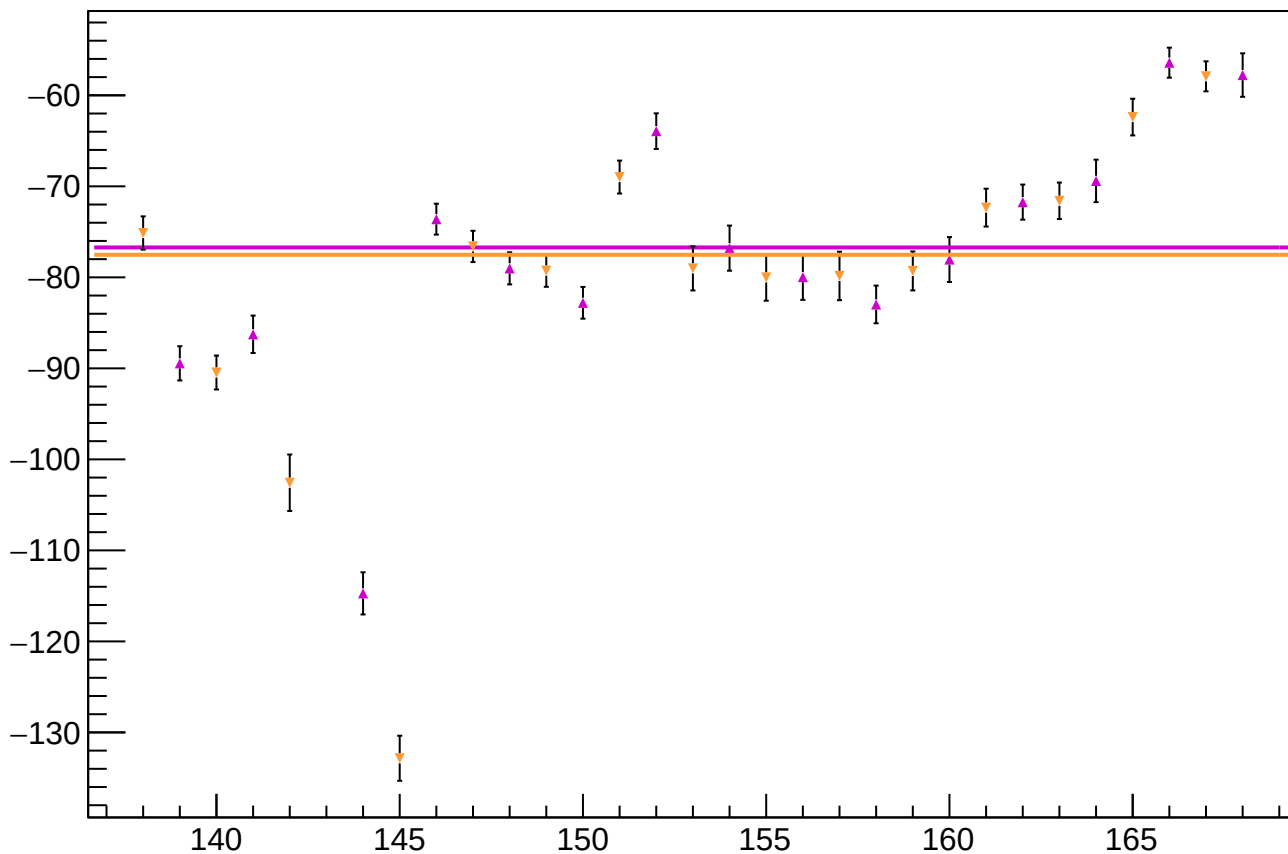
Left In: 0.208 $\pm$ 0.003 χ^2/NDF : 1436.0/14

+ sign 0.129 $\pm$ 0.002 χ^2/NDF : 13798.3/32

All: 0.100 $\pm$ 0.002 χ^2/NDF : 29683.0/66

- sign 0.071 $\pm$ 0.002 χ^2/NDF : 15608.9/33

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -77.522+/-0.528 χ^2/NDF : 853.6/14

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

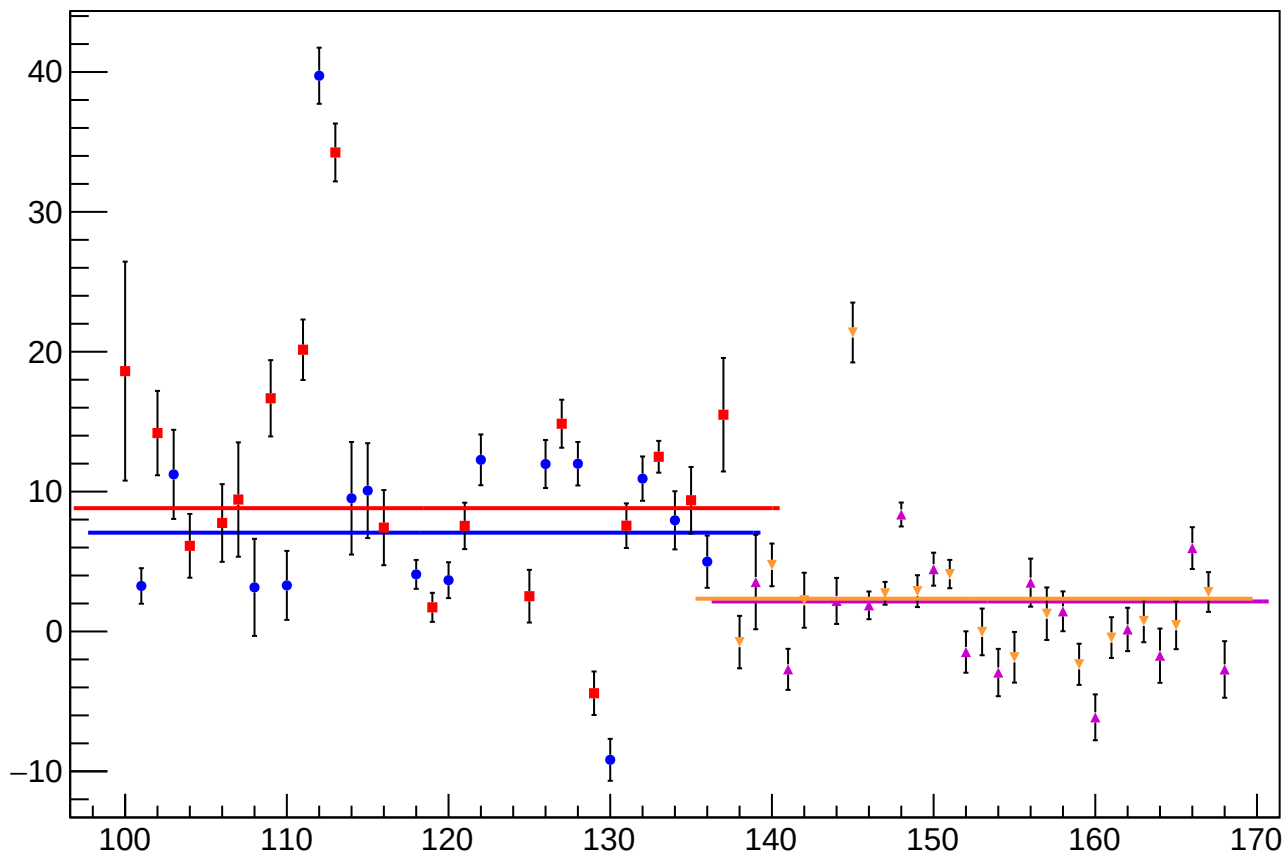
Left In: -76.714+/-0.521 χ^2/NDF : 638.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.113+/-0.371 χ^2/NDF : 1492.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 $\pm$ 0.434 χ^2/NDF : 446.9/15

Left Out: 2.343 $\pm$ 0.363 χ^2/NDF :111.8/14

Right Out: 8.816 $\pm$ 0.449 χ^2/NDF : 350.4/17

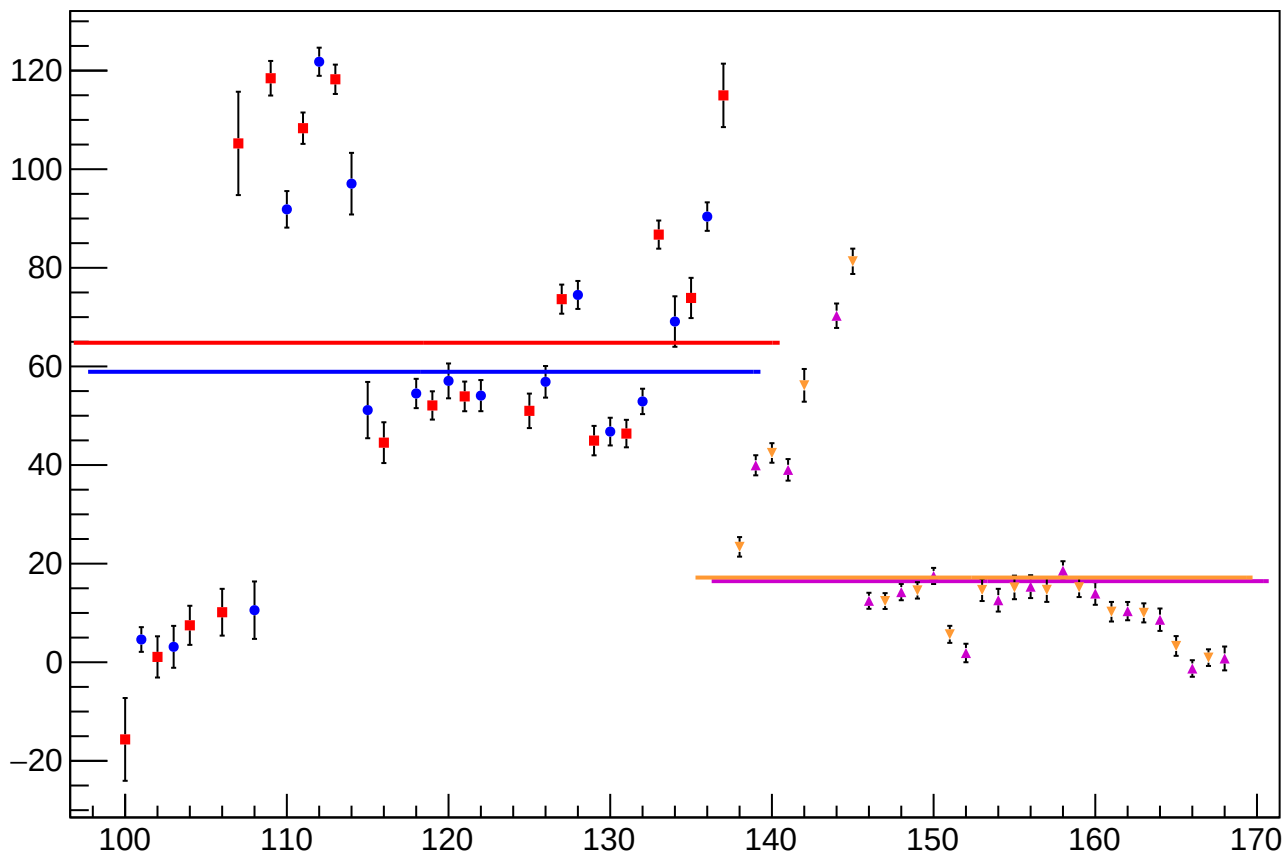
Left In: 2.146 $\pm$ 0.367 χ^2/NDF :127.1/14

+ sign 4.288 $\pm$ 0.278 χ^2/NDF : 628.3/30

All: 4.549 $\pm$ 0.199 χ^2/NDF : 1239.7/63

- sign 4.821 $\pm$ 0.284 χ^2/NDF : 609.6/32

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 17.180 $\pm$ 0.516 χ^2 /NDF:1159.6/14

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

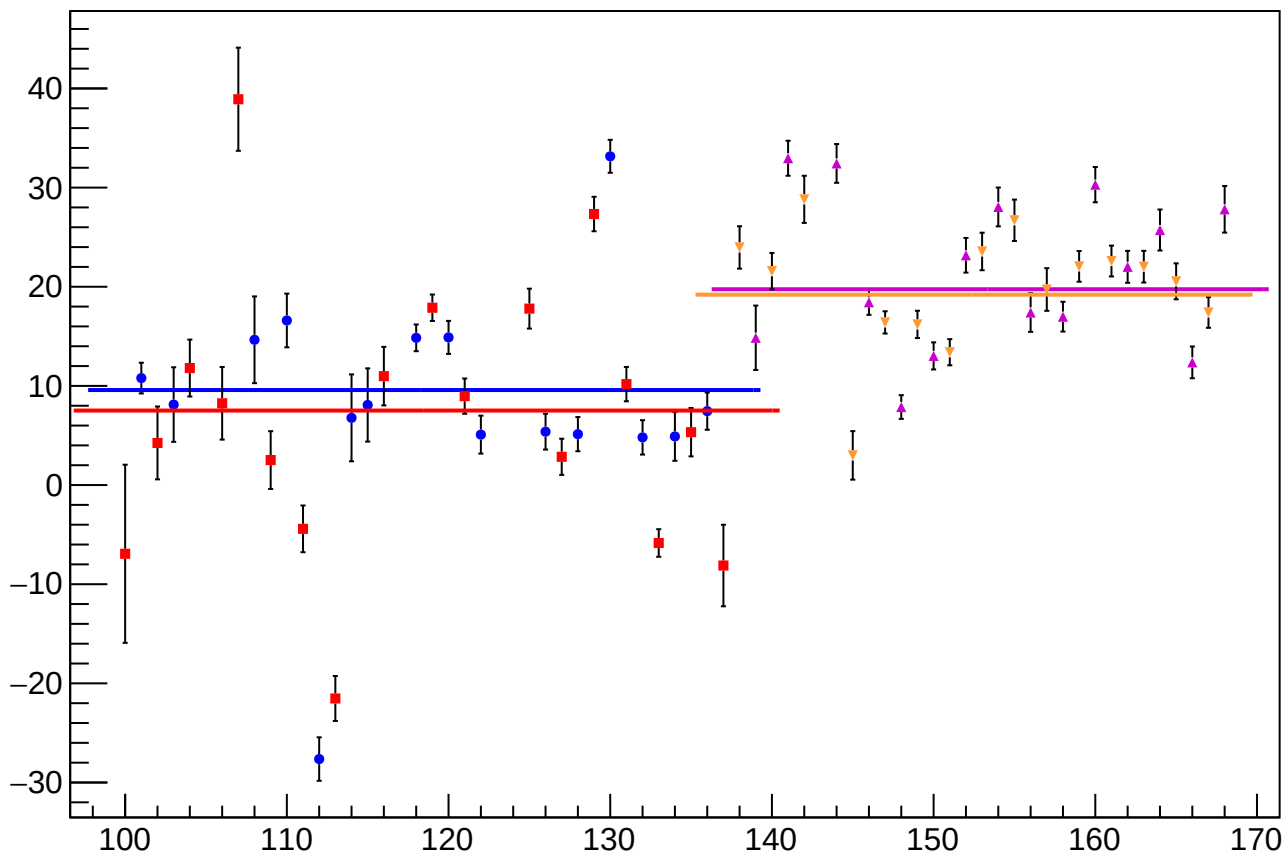
Left In: 16.450 $\pm$ 0.509 χ^2 /NDF:961.1/14

+ sign 28.795 $\pm$ 0.439 χ^2 /NDF: 4474.6/30

All: 29.110 $\pm$ 0.309 χ^2 /NDF: 9578.2/63

- sign 29.420 $\pm$ 0.435 χ^2 /NDF: 5102.6/32

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 19.204 ± 0.429 χ^2/NDF : 128.7/14

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

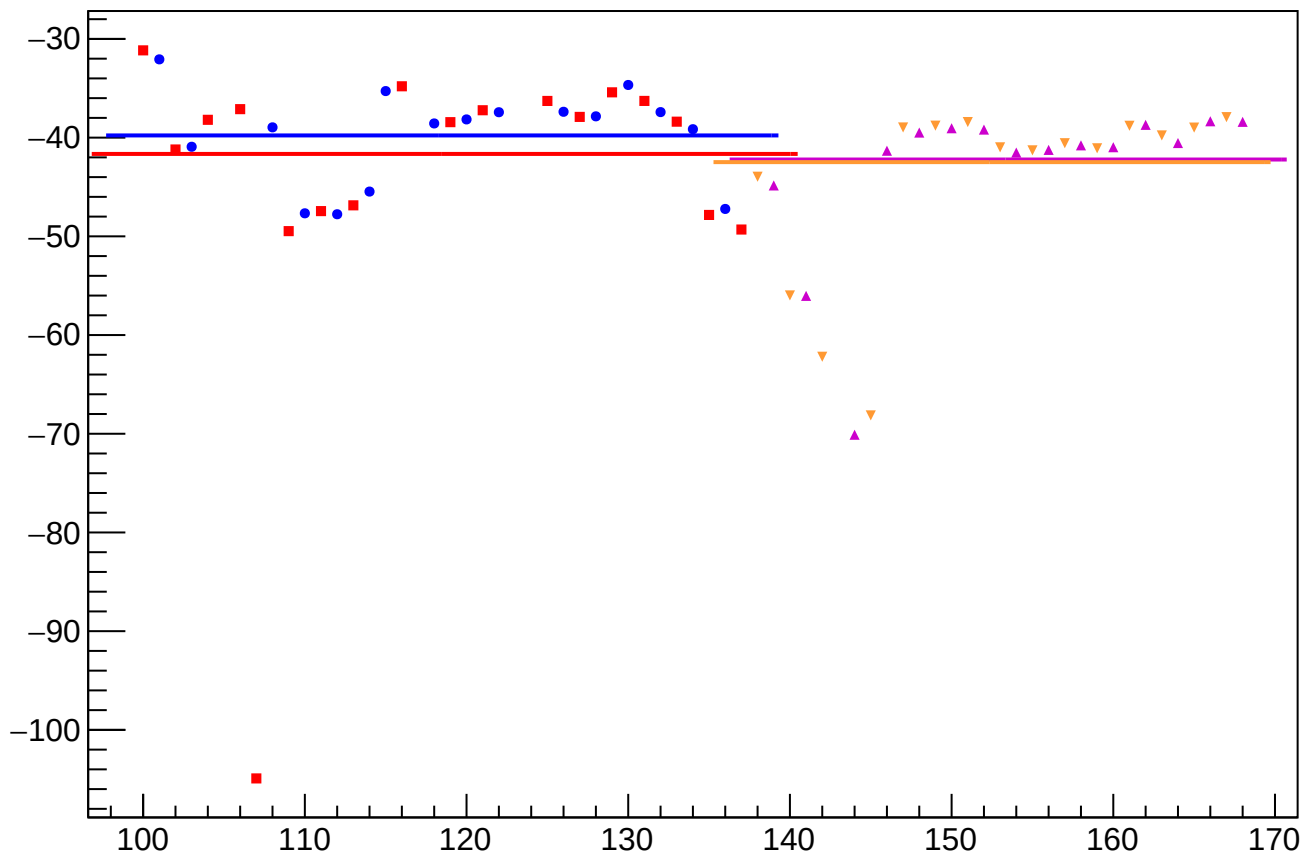
Left In: 19.750 ± 0.433 χ^2/NDF : 329.3/14

+ sign 15.132 ± 0.326 χ^2/NDF : 895.7/30

All: 14.915 ± 0.232 χ^2/NDF : 2125.8/63

- sign 14.690 ± 0.332 χ^2/NDF : 1229.1/32

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -42.481 ± 0.021 χ^2/NDF : 129289.4/14

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

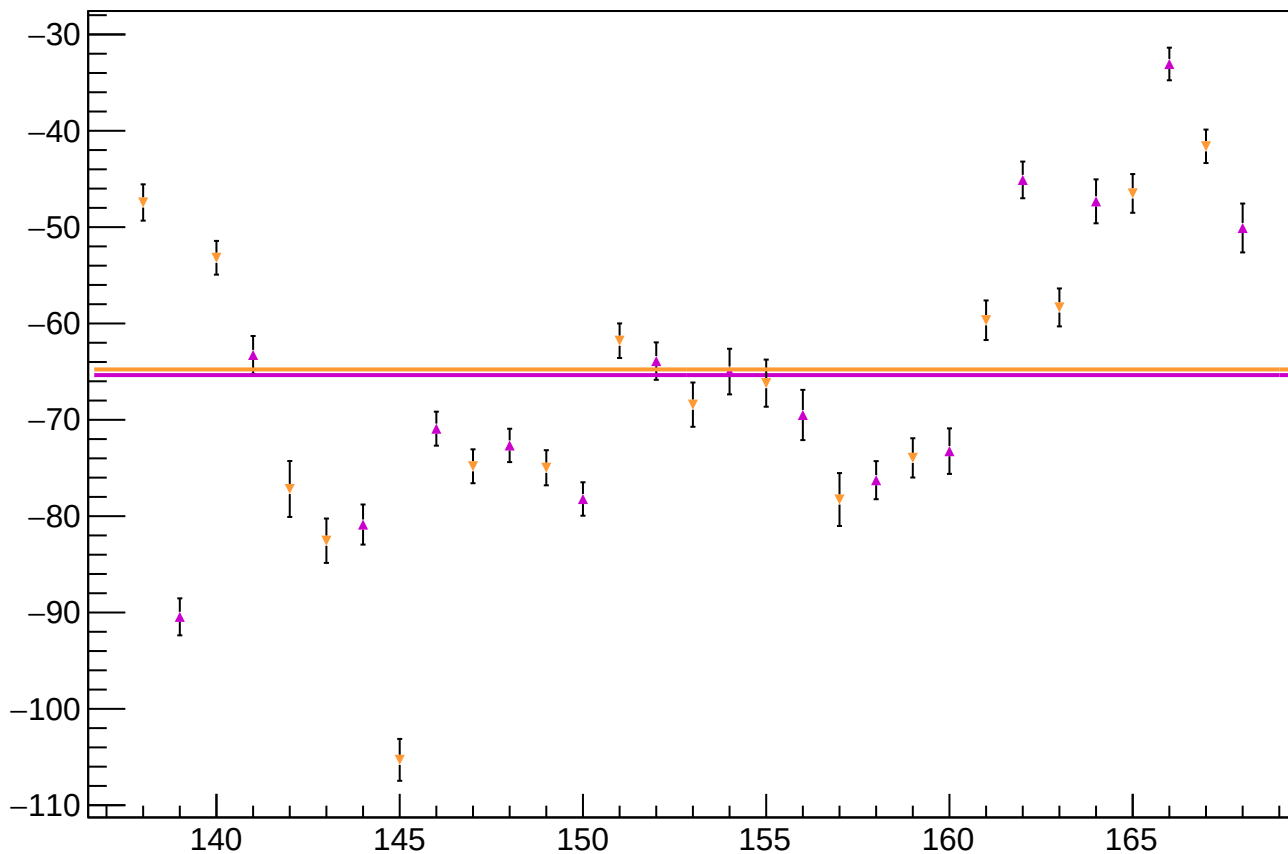
Left In: -42.217 ± 0.020 χ^2/NDF : 104749.8/14

+ sign -41.654 ± 0.017 χ^2/NDF : 160707.2/30

All: -41.854 ± 0.012 χ^2/NDF : 360414.3/63

- sign -42.049 ± 0.017 χ^2/NDF : 199439.4/32

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -64.769+/-0.509 χ^2/NDF : 945.0/15

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

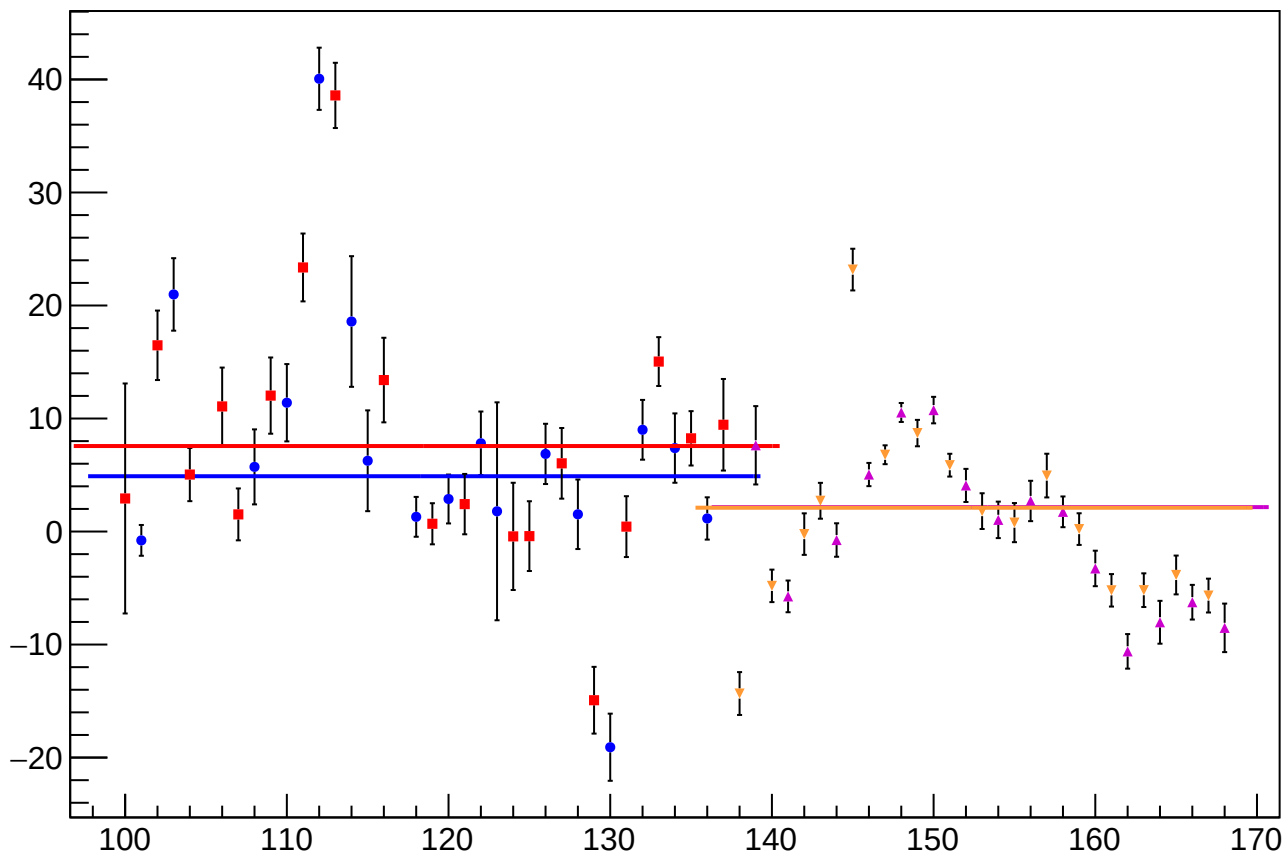
Left In: -65.358+/-0.517 χ^2/NDF : 930.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.059+/-0.363 χ^2/NDF : 1876.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 2.109 ± 0.351 χ^2/NDF : 401.4/15

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

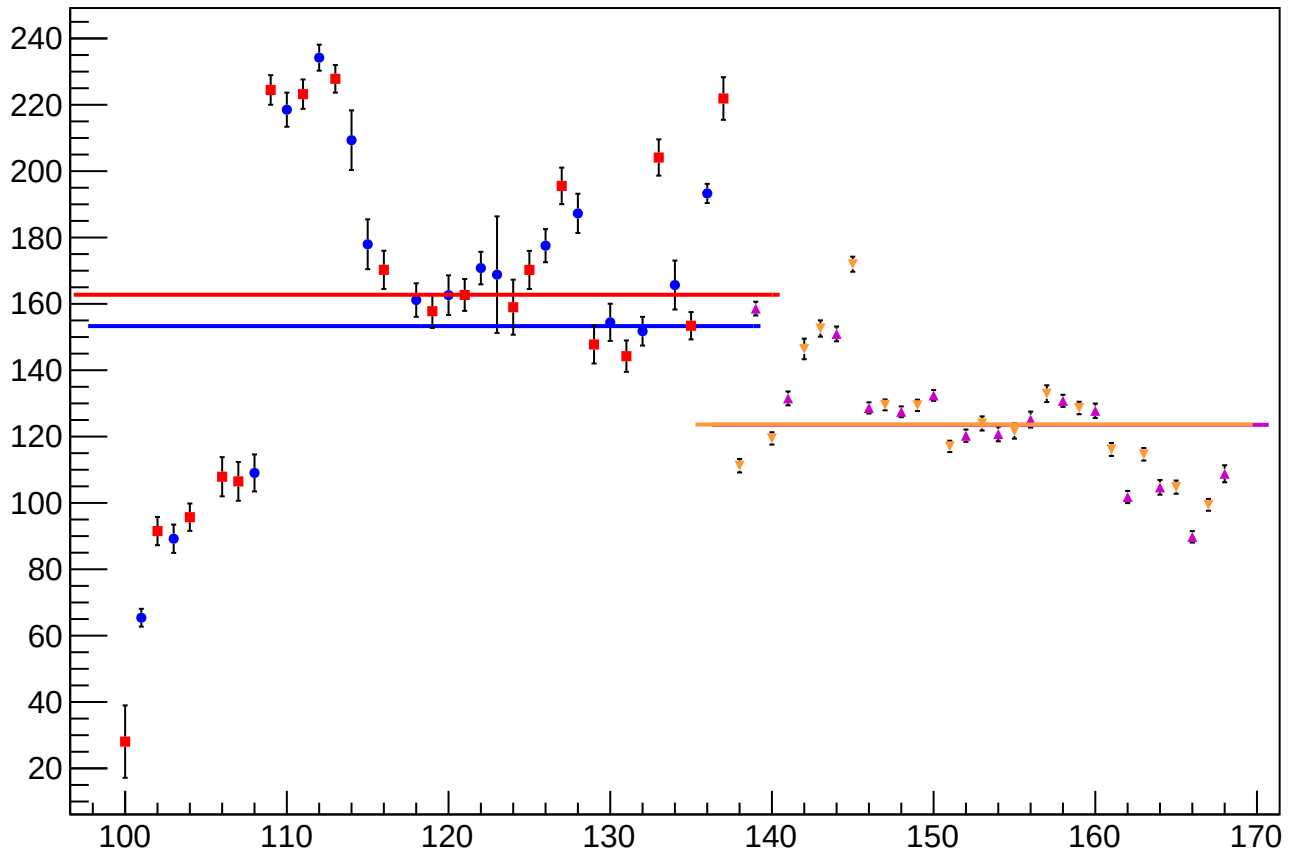
Left In: 2.160 ± 0.363 χ^2/NDF : 366.7/14

+ sign 2.782 ± 0.305 χ^2/NDF : 712.0/32

All: 3.098 ± 0.220 χ^2/NDF : 1403.7/66

- sign 3.439 ± 0.317 χ^2/NDF : 689.5/33

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 ± 1.145 χ^2/NDF : 2266.8/16

Left Out: 123.633 ± 0.500 χ^2/NDF : 1059.7/15

Right Out: 162.747 ± 1.177 χ^2/NDF : 1708.7/18

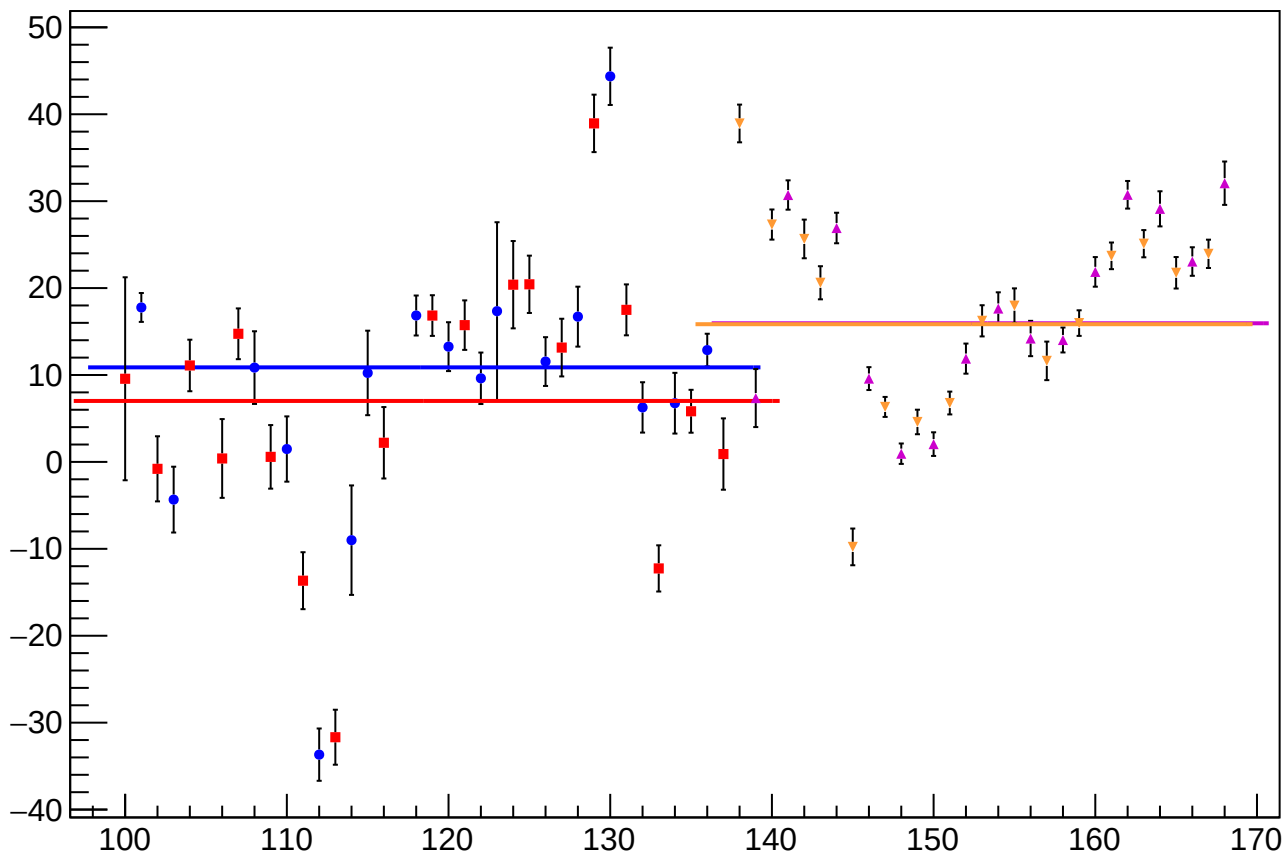
Left In: 123.542 ± 0.504 χ^2/NDF : 1149.2/14

+ sign 128.389 ± 0.458 χ^2/NDF : 3890.4/32

All: 128.998 ± 0.326 χ^2/NDF : 7689.9/66

- sign 129.621 ± 0.463 χ^2/NDF : 3796.0/33

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2 /NDF: 388.1/16

Left Out: 15.844+/-0.414 χ^2 /NDF:610.8/15

Right Out: 7.014+/-0.748 χ^2 /NDF: 424.5/18

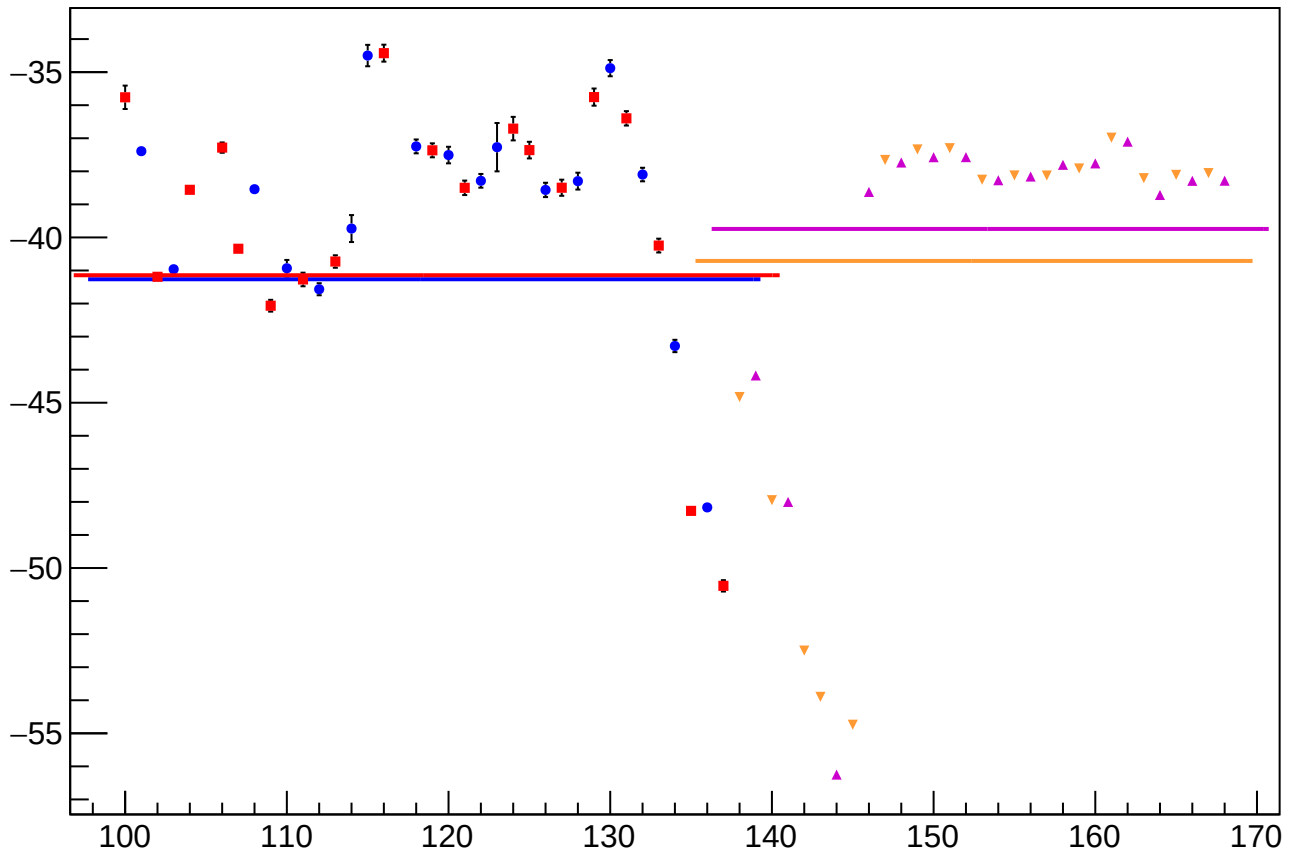
Left In: 15.950+/-0.427 χ^2 /NDF:623.6/14

+ sign 14.591+/-0.358 χ^2 /NDF: 1035.2/32

All: 14.186+/-0.258 χ^2 /NDF: 2193.5/66

- sign 13.751+/-0.371 χ^2 /NDF: 1155.7/33

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF : 12570.1/16

Left Out: -40.711+/-0.020 χ^2/NDF : 78256.8/15

Right Out: -41.144+/-0.039 χ^2/NDF : 12218.7/18

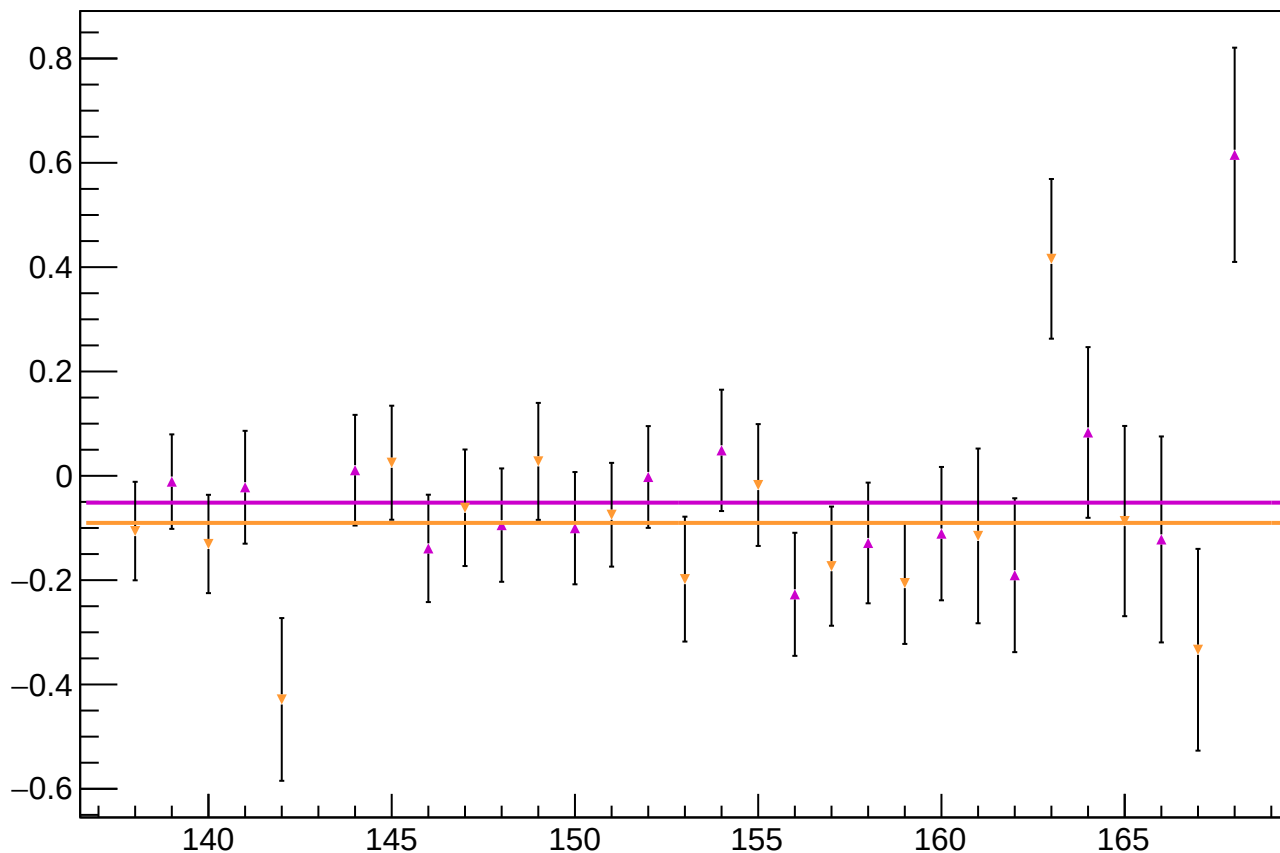
Left In: -39.743+/-0.020 χ^2/NDF : 49100.0/14

+ sign -40.828+/-0.018 χ^2/NDF : 90990.4/32

All: -40.437+/-0.013 χ^2/NDF : 154328.5/66

- sign -40.041+/-0.018 χ^2/NDF : 62354.5/33

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.090 $\pm$ 0.031 χ^2 /NDF:22.5/14

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

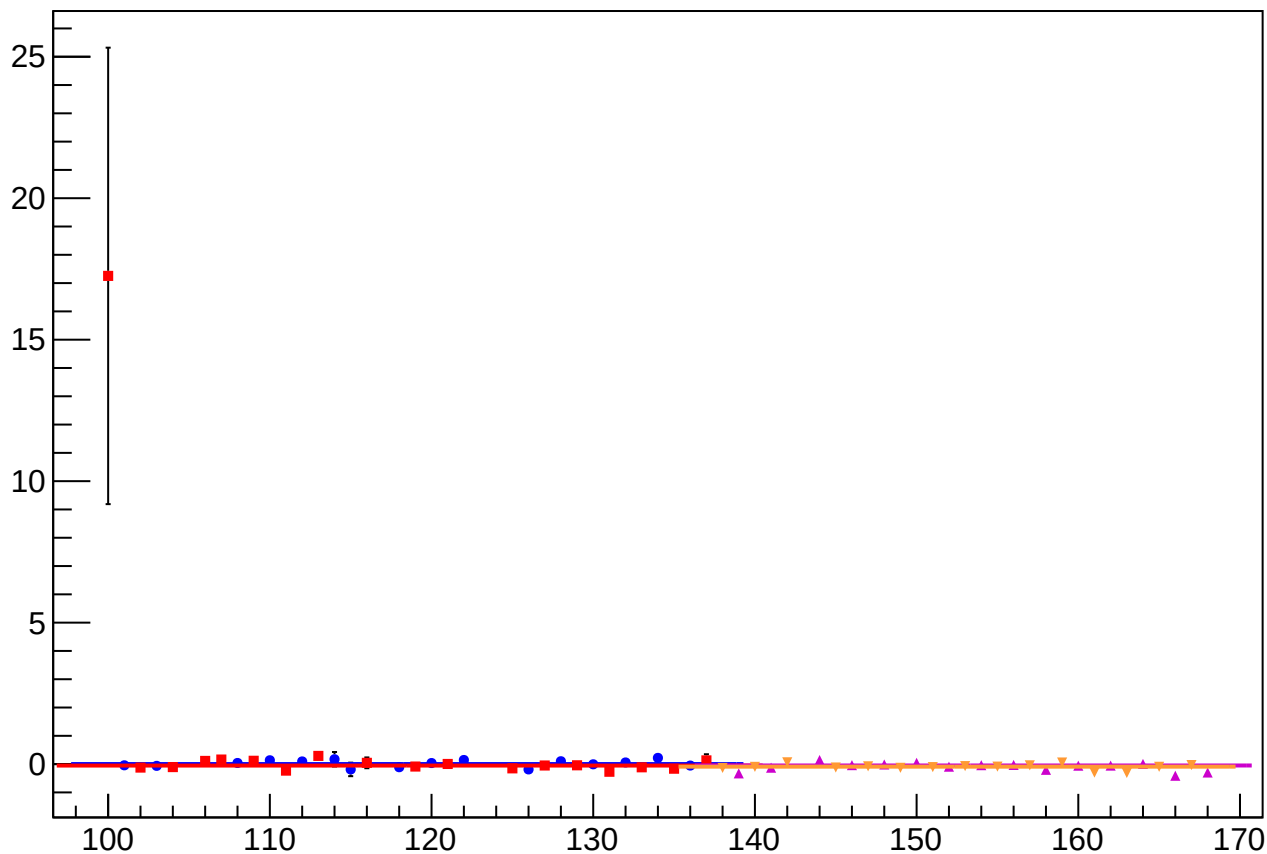
Left In: -0.051 $\pm$ 0.030 χ^2 /NDF:17.8/14

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

All: -0.070 $\pm$ 0.022 χ^2 /NDF: 41.1/29

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.090 ± 0.022 χ^2/NDF : 13.8/14

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

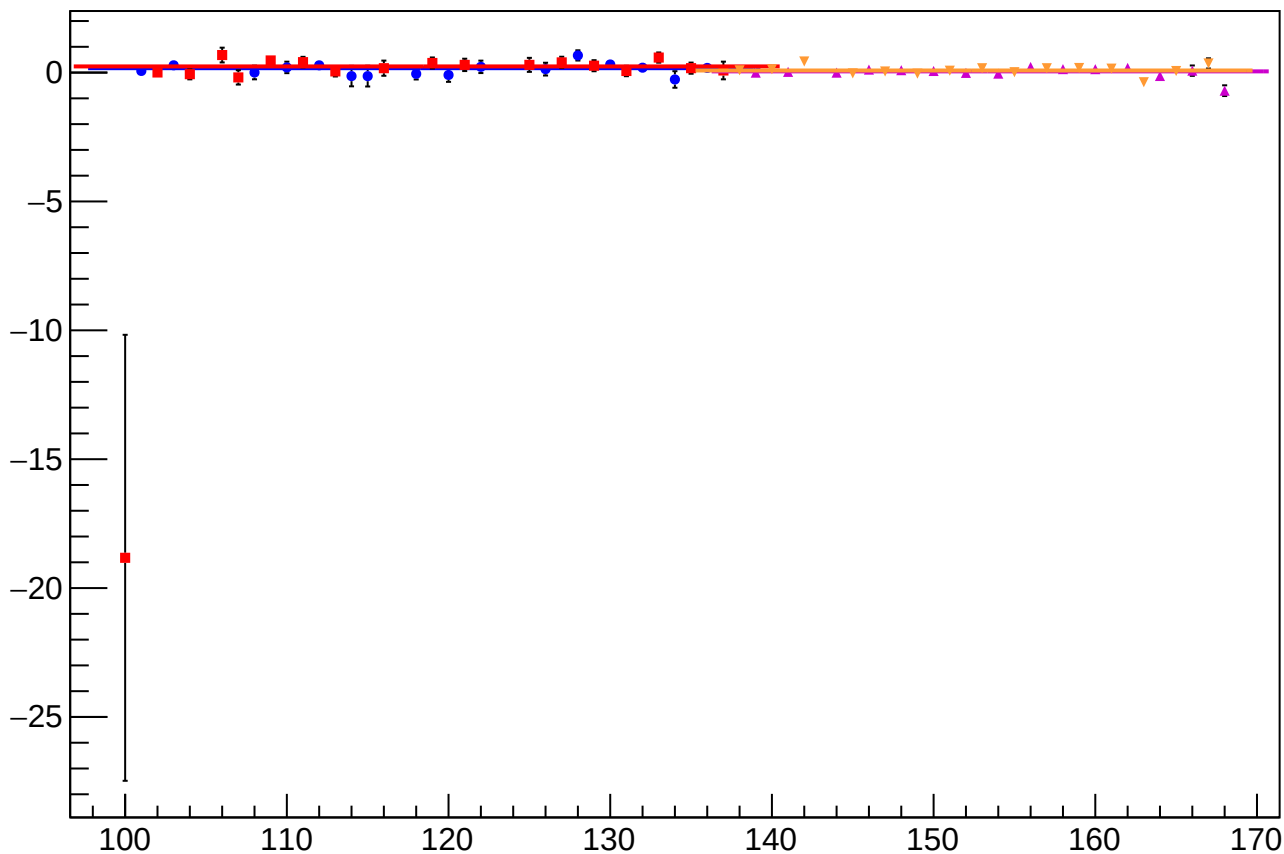
Left In: -0.049 ± 0.021 χ^2/NDF : 22.9/14

+ sign -0.056 ± 0.017 χ^2/NDF : 32.9/30

All: -0.053 ± 0.012 χ^2/NDF : 81.7/63

- sign -0.049 ± 0.017 χ^2/NDF : 48.7/32

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.081 $\pm$ 0.030 χ^2 /NDF: 21.2/14

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

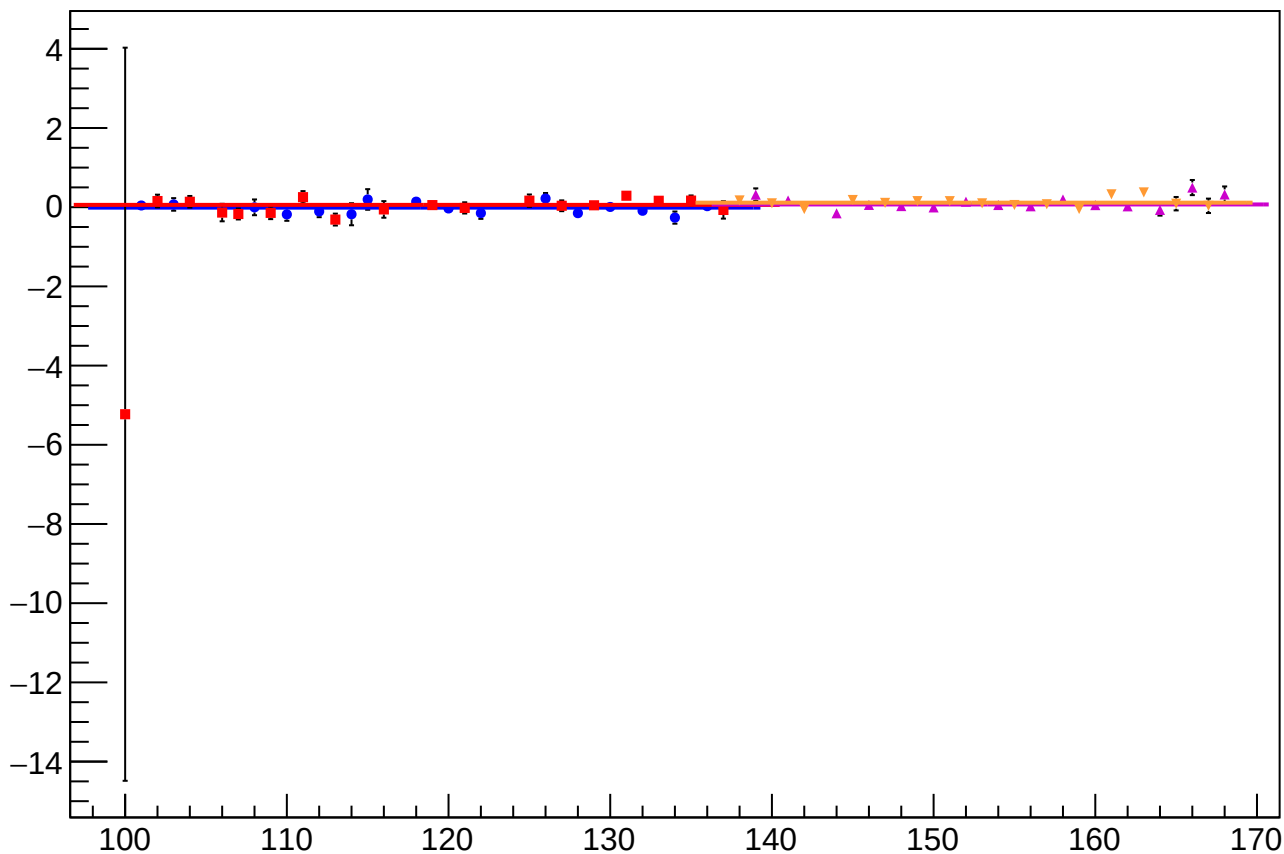
Left In: 0.047 $\pm$ 0.030 χ^2 /NDF: 21.0/14

+ sign 0.104 $\pm$ 0.026 χ^2 /NDF: 37.1/30

All: 0.097 $\pm$ 0.018 χ^2 /NDF: 89.8/63

- sign 0.091 $\pm$ 0.026 χ^2 /NDF: 52.6/32

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.114 ± 0.026 χ^2/NDF : 14.7/14

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

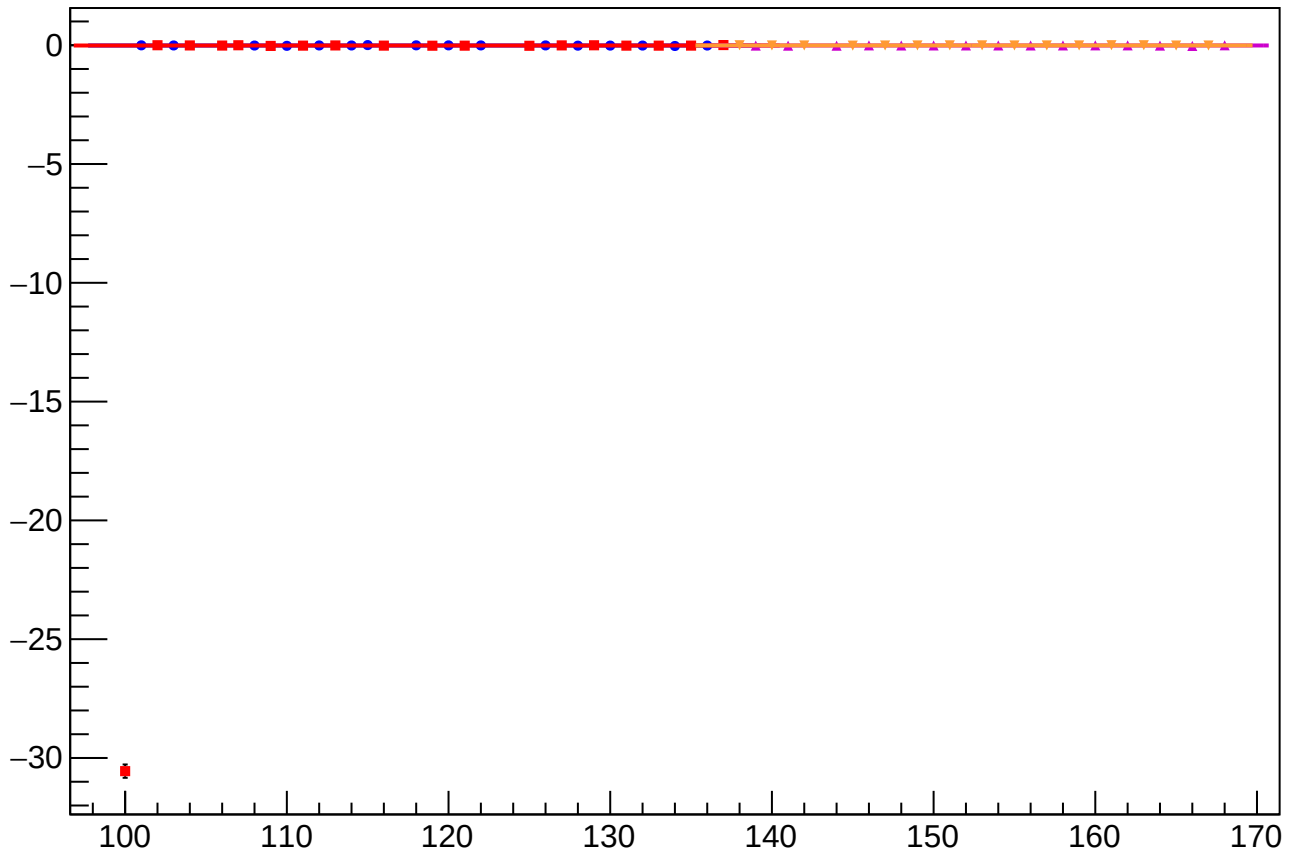
Left In: 0.069 ± 0.025 χ^2/NDF : 21.7/14

+ sign 0.067 ± 0.020 χ^2/NDF : 37.6/30

All: 0.066 ± 0.014 χ^2/NDF : 79.9/63

- sign 0.065 ± 0.020 χ^2/NDF : 42.3/32

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:12.5/14

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

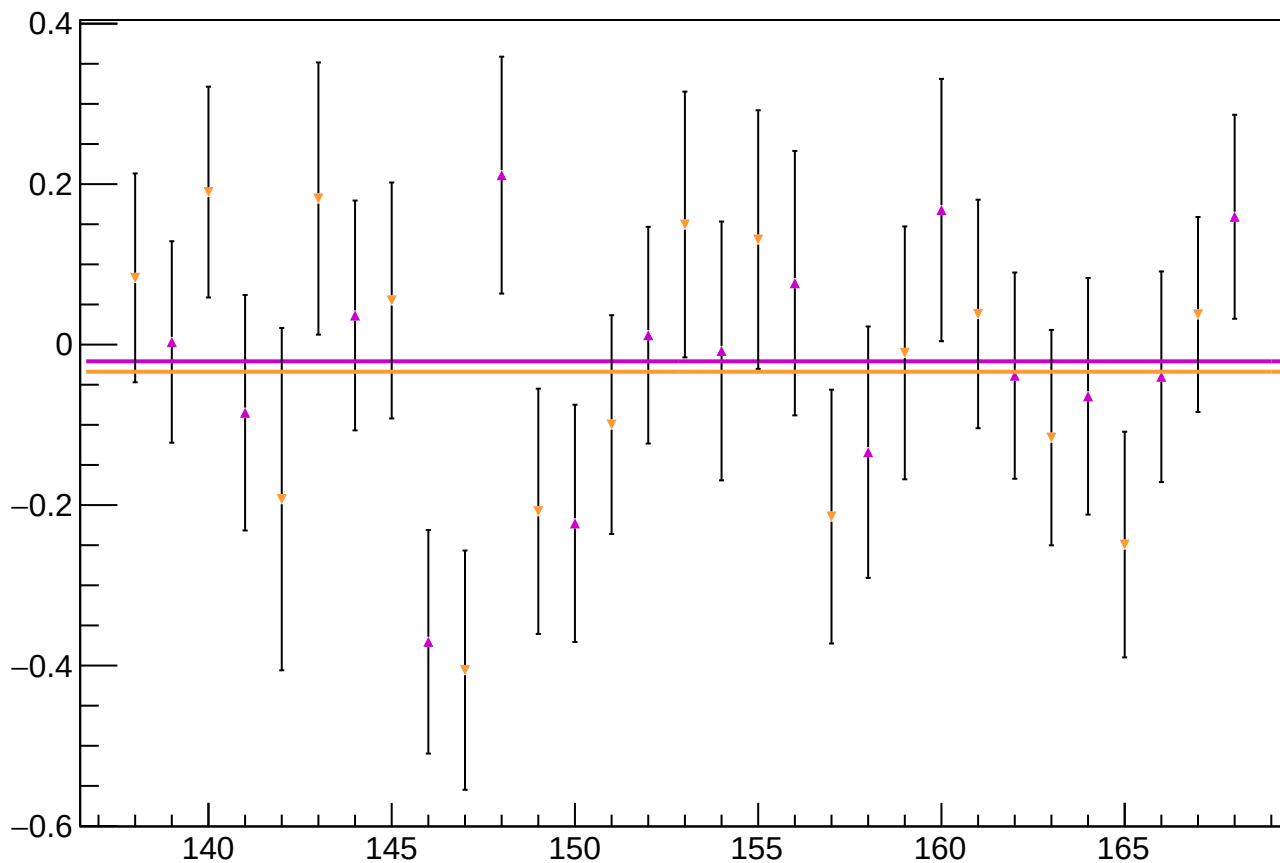
Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:18.0/14

+ sign -0.009 $\pm$ 0.001 χ^2 /NDF: 28.1/30

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11939.8/63

- sign -0.011 $\pm$ 0.001 χ^2 /NDF: 11909.9/32

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.034 $\pm$ 0.037 χ^2 /NDF: 20.9/15

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

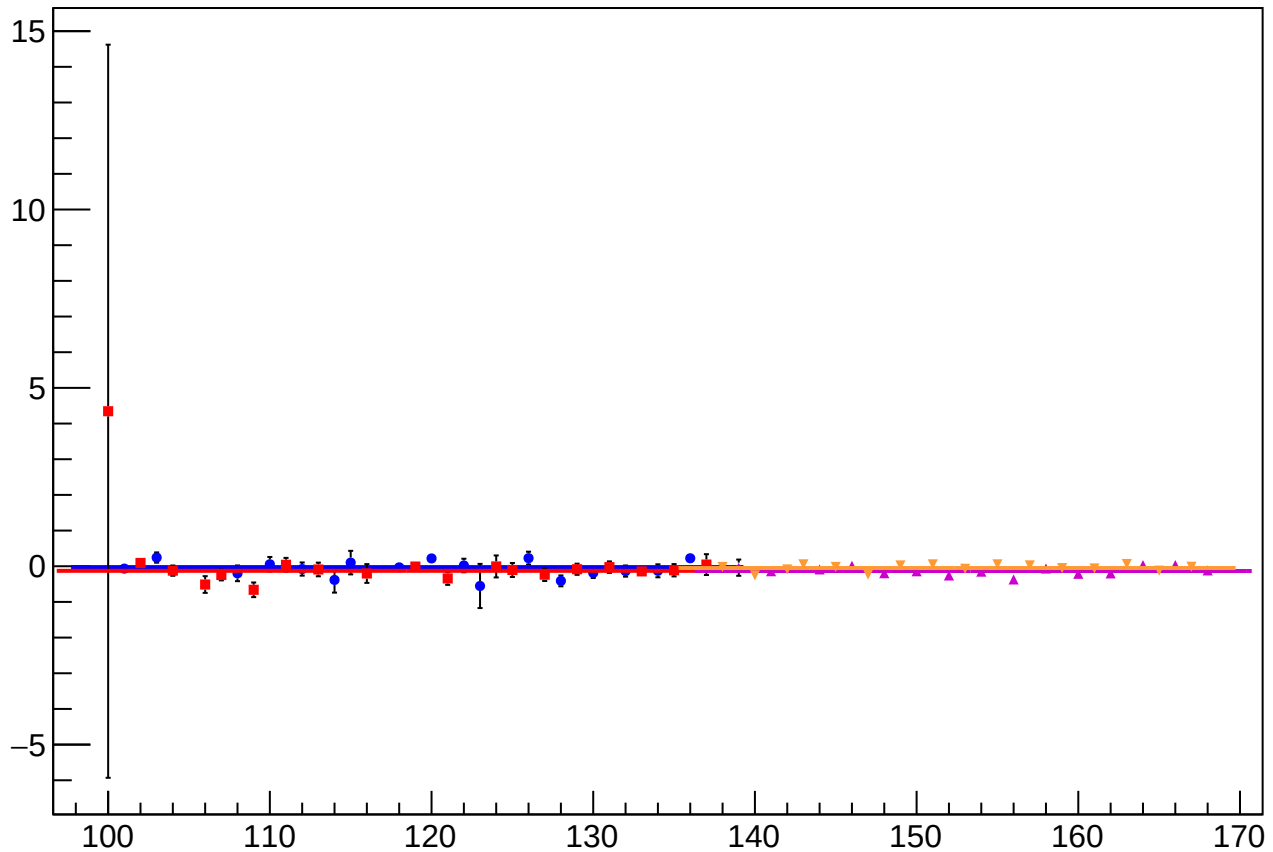
Left In: -0.021 $\pm$ 0.037 χ^2 /NDF: 15.4/14

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

All: -0.027 $\pm$ 0.026 χ^2 /NDF: 36.4/30

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

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 $\pm$ 0.037 χ^2/NDF : 23.4/16

Left Out: -0.050 $\pm$ 0.026 χ^2/NDF : 16.5/15

Right Out: -0.128 $\pm$ 0.039 χ^2/NDF : 17.6/18

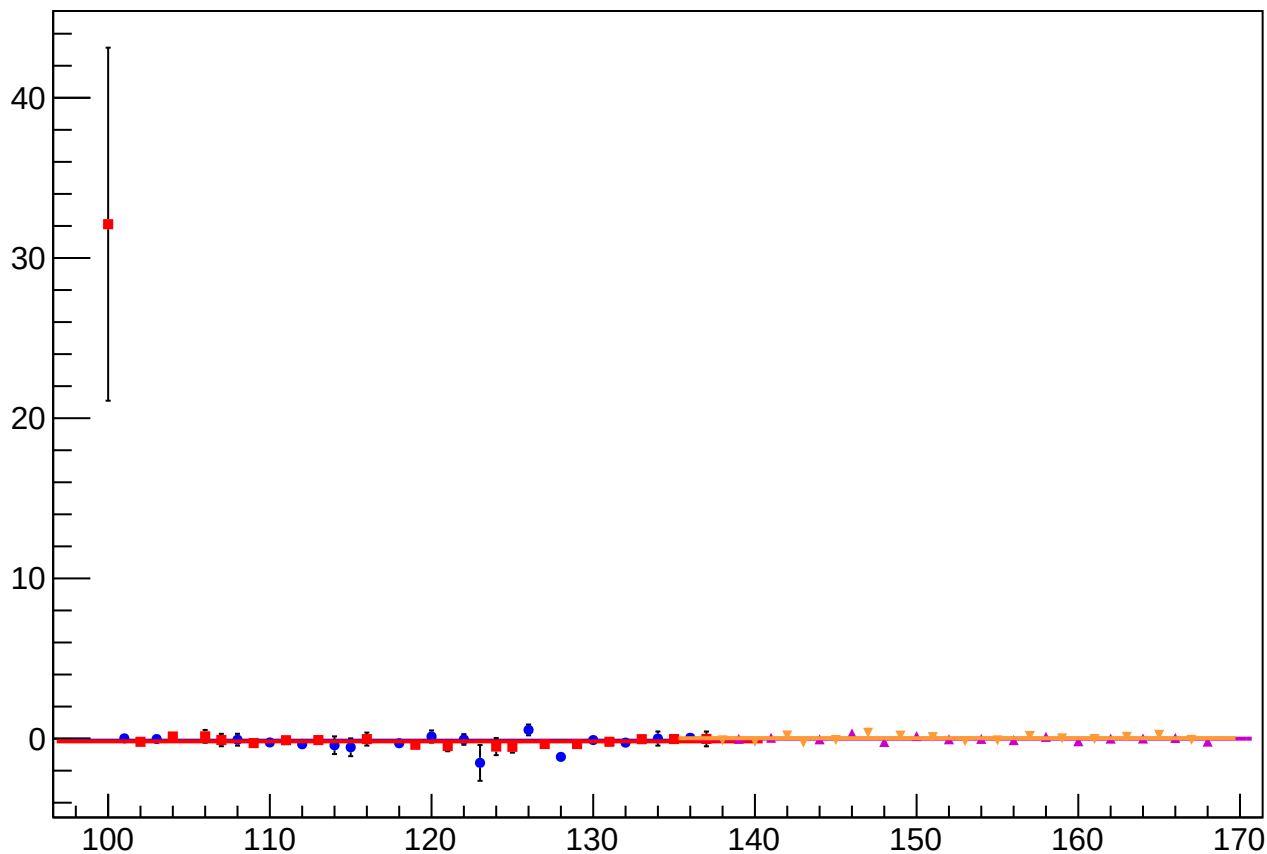
Left In: -0.133 $\pm$ 0.027 χ^2/NDF : 15.3/14

+ sign -0.041 $\pm$ 0.021 χ^2/NDF : 40.2/32

All: -0.085 $\pm$ 0.015 χ^2/NDF : 81.7/66

- sign -0.132 $\pm$ 0.022 χ^2/NDF : 32.9/33

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.025 ± 0.036 χ^2/NDF : 20.8/15

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

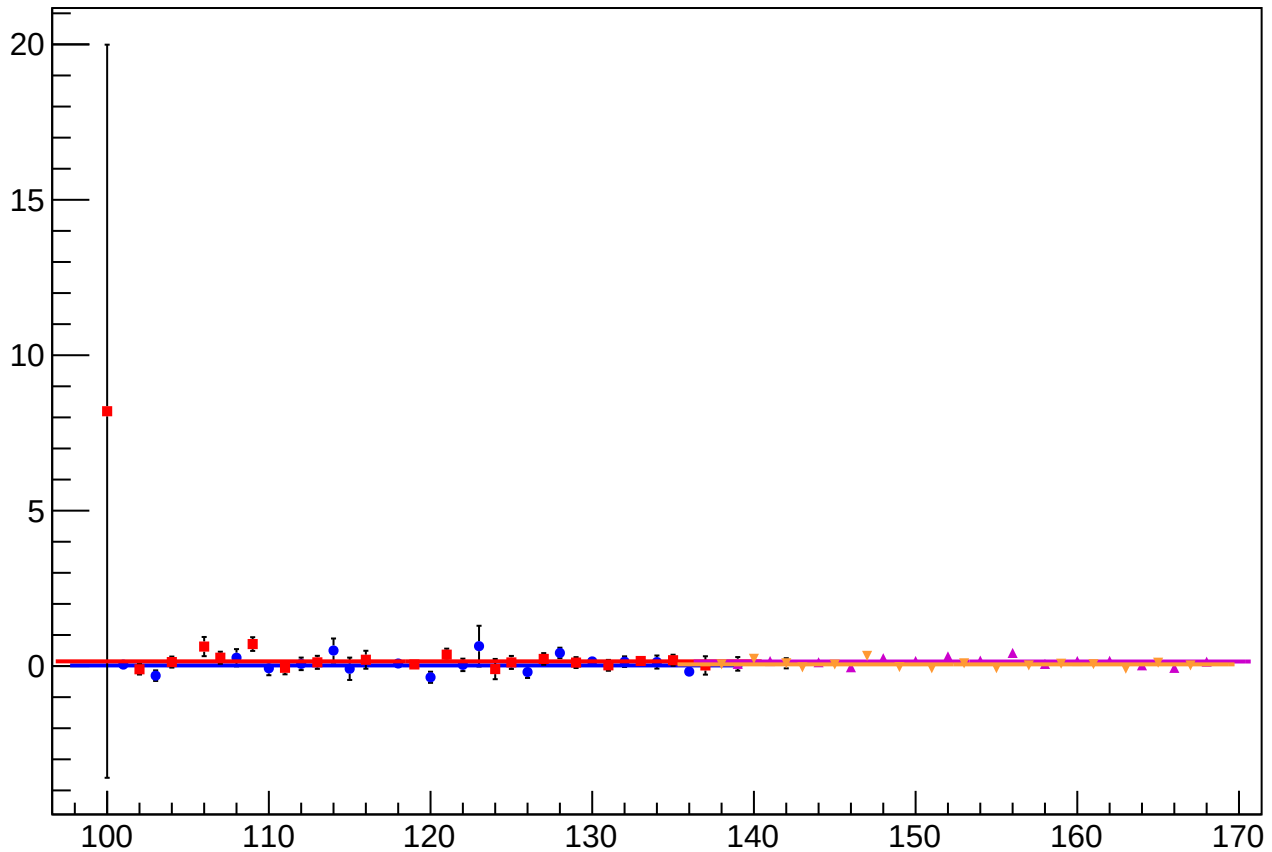
Left In: -0.003 ± 0.036 χ^2/NDF : 14.1/14

+ sign -0.010 ± 0.032 χ^2/NDF : 48.6/32

All: -0.024 ± 0.023 χ^2/NDF : 82.6/66

- sign -0.037 ± 0.032 χ^2/NDF : 33.6/33

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.055 ± 0.030 χ^2/NDF : 15.4/15

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

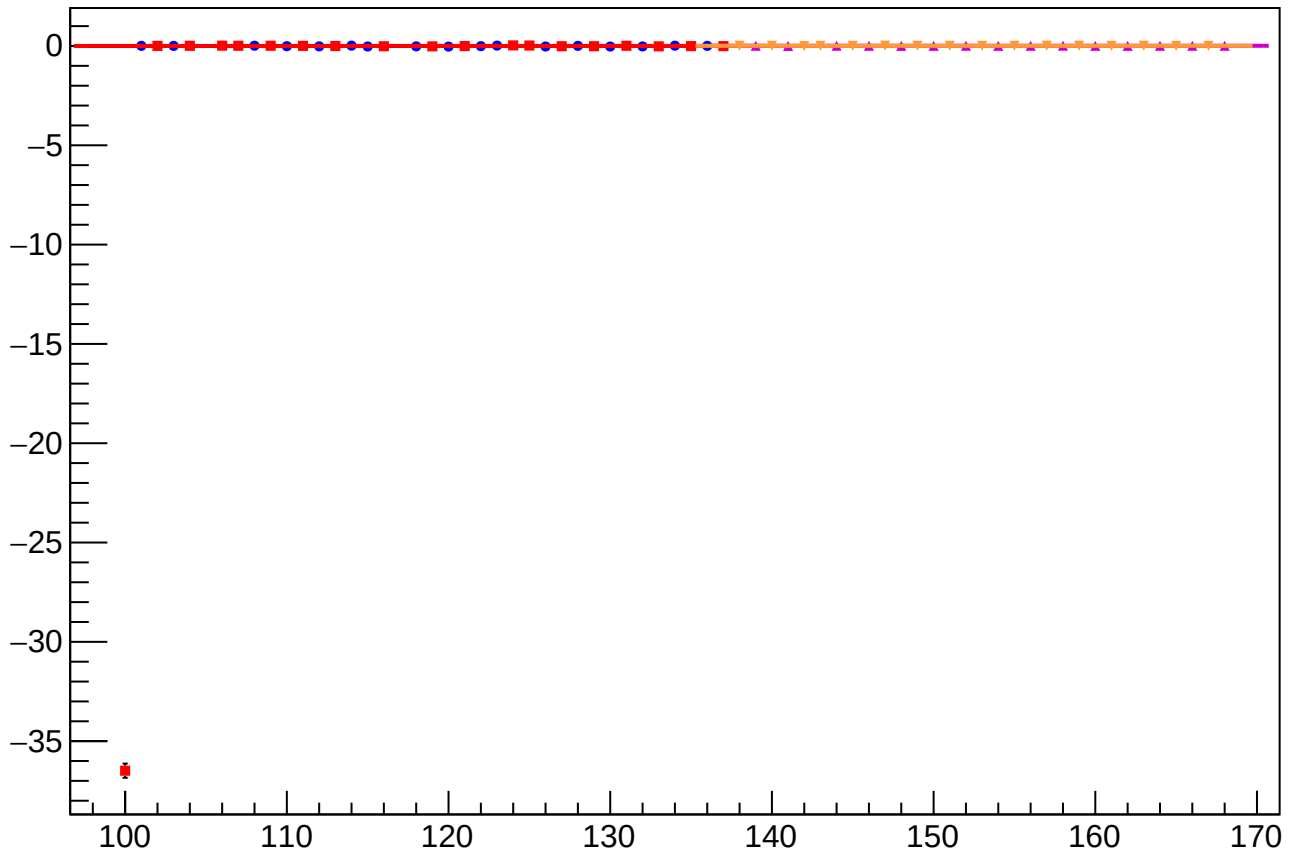
Left In: 0.147 ± 0.031 χ^2/NDF : 14.9/14

+ sign 0.043 ± 0.025 χ^2/NDF : 38.3/32

All: 0.094 ± 0.018 χ^2/NDF : 78.1/66

- sign 0.148 ± 0.026 χ^2/NDF : 31.1/33

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2/NDF : 32.4/16

Left Out: 0.010 $\pm$ 0.001 χ^2/NDF : 9.5/15

Right Out: 0.001 $\pm$ 0.002 χ^2/NDF : 10449.1/18

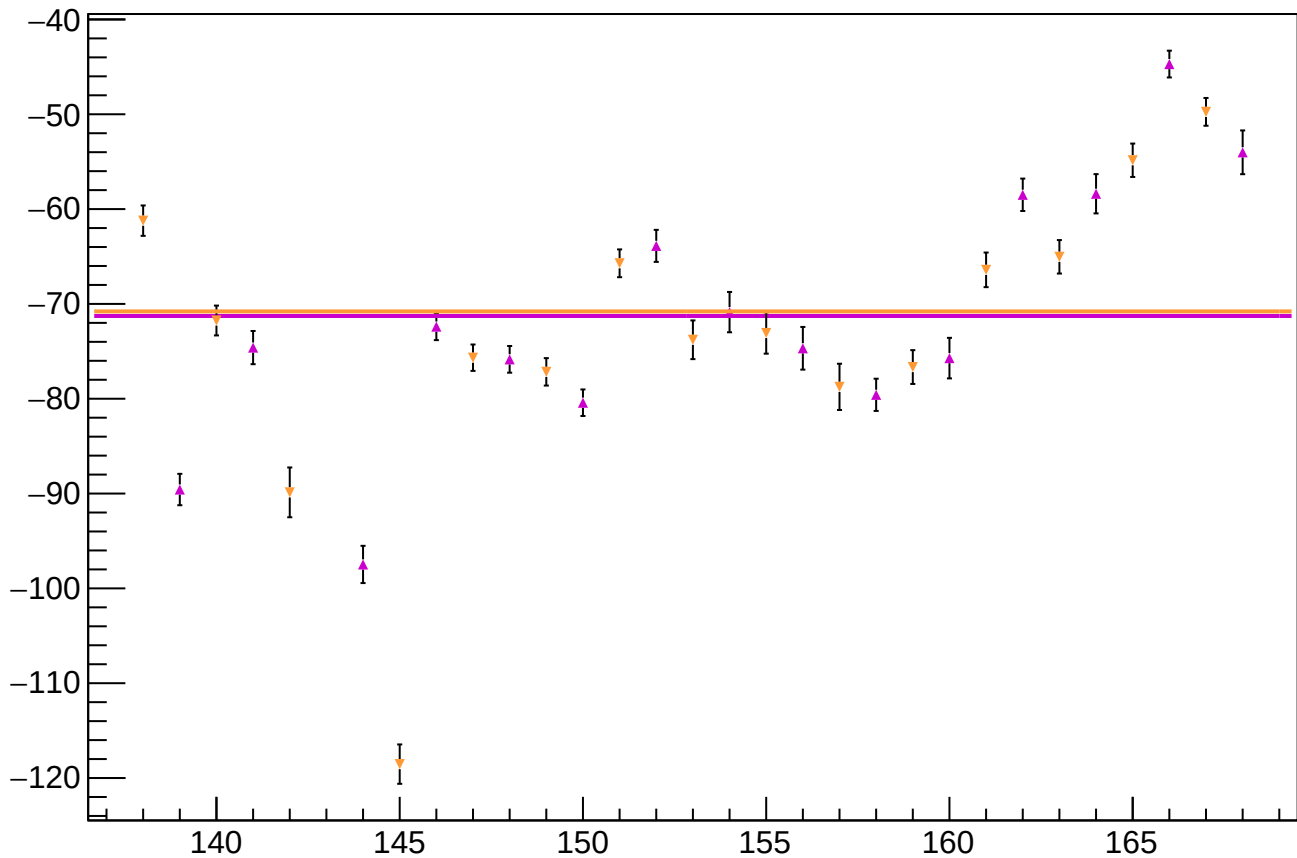
Left In: 0.011 $\pm$ 0.001 χ^2/NDF : 6.0/14

+ sign 0.007 $\pm$ 0.001 χ^2/NDF : 51.9/32

All: 0.008 $\pm$ 0.001 χ^2/NDF : 10522.6/66

- sign 0.008 $\pm$ 0.001 χ^2/NDF : 10470.1/33

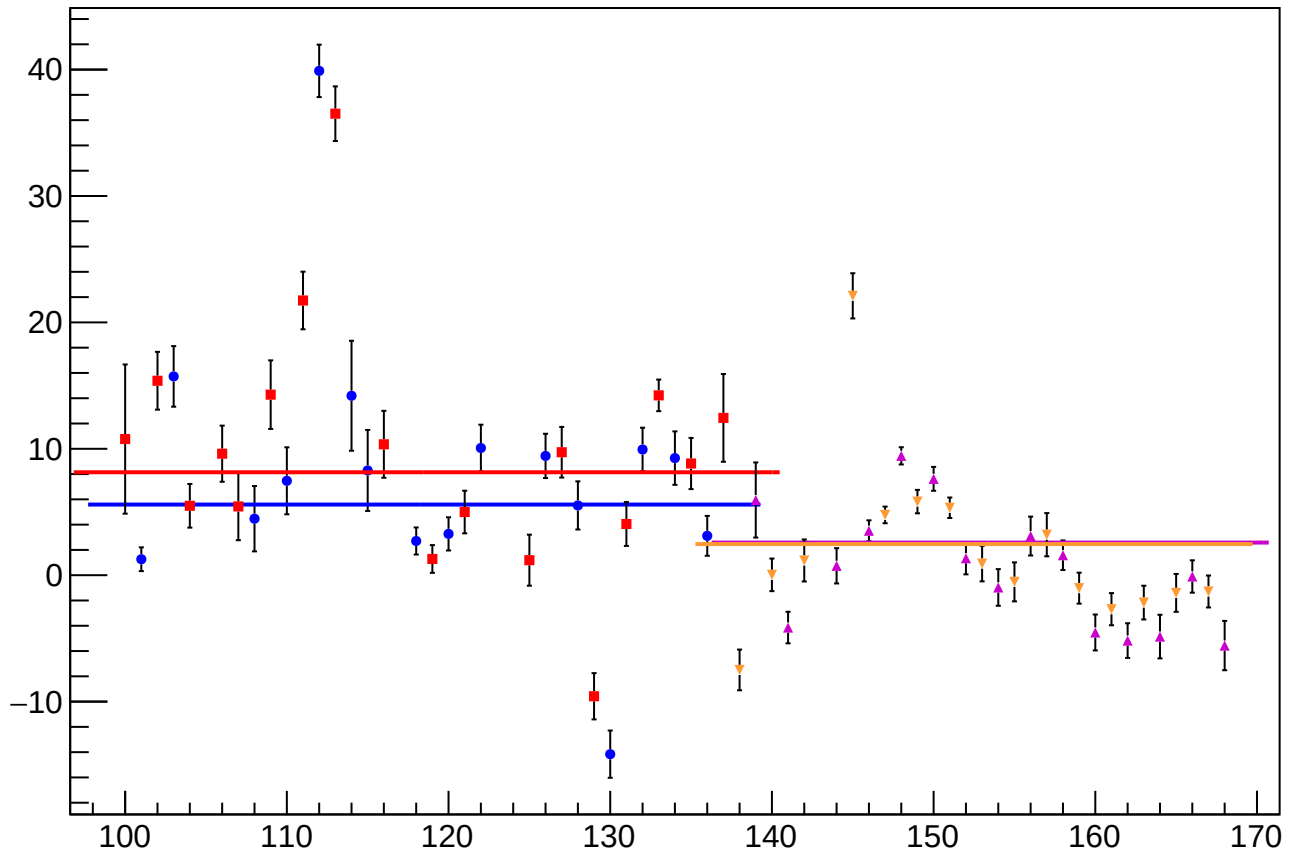
reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: -70.790+/-0.448 χ^2/NDF : 991.1/14
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -71.274+/-0.445 χ^2/NDF : 912.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -71.034+/-0.316 χ^2/NDF : 1903.9/29
- 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: 2.462 ± 0.304 χ^2/NDF : 258.1/14

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

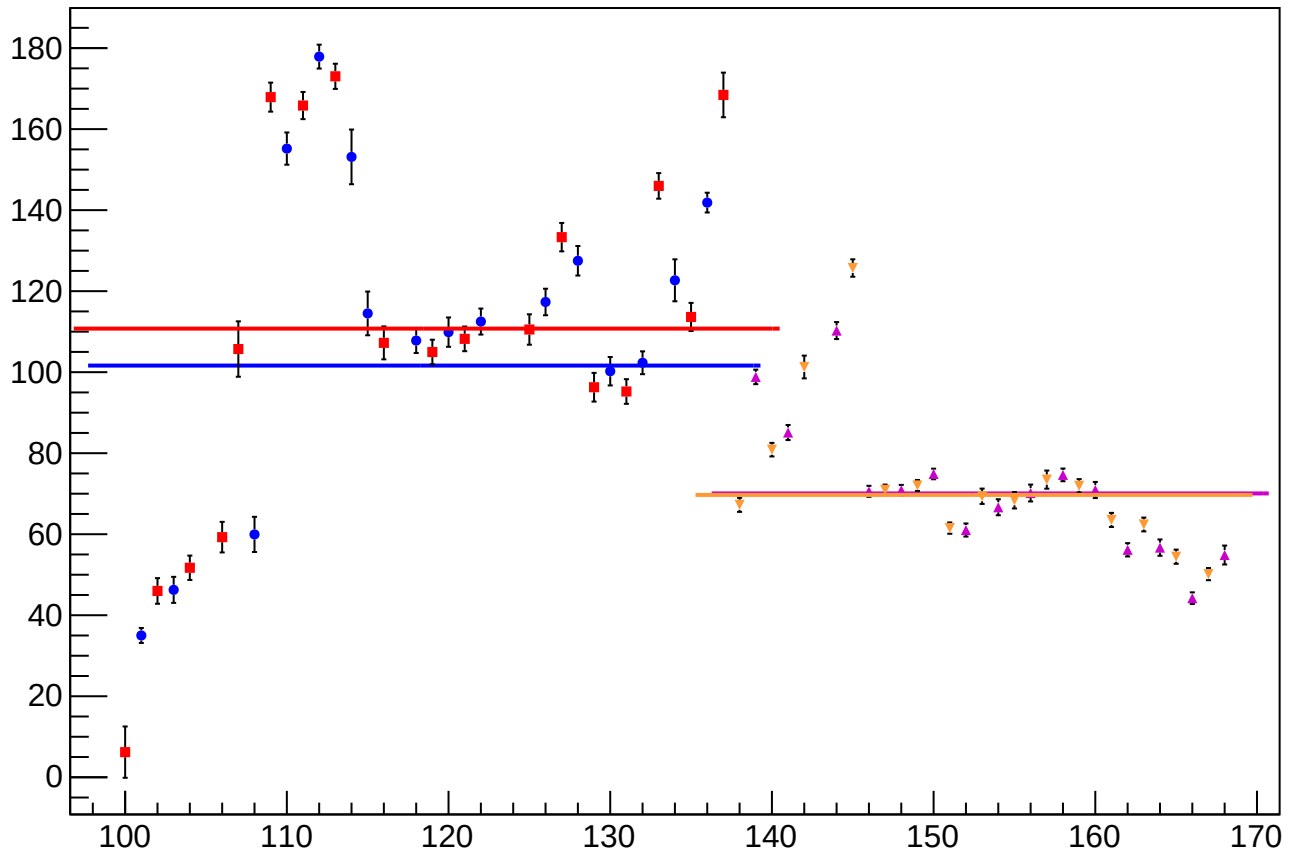
Left In: 2.582 ± 0.309 χ^2/NDF : 268.2/14

+ sign 3.524 ± 0.247 χ^2/NDF : 756.9/30

All: 3.920 ± 0.177 χ^2/NDF : 1540.7/63

- sign 4.342 ± 0.255 χ^2/NDF : 778.6/32

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 69.702 $\pm$ 0.438 χ^2 /NDF:1168.9/14

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

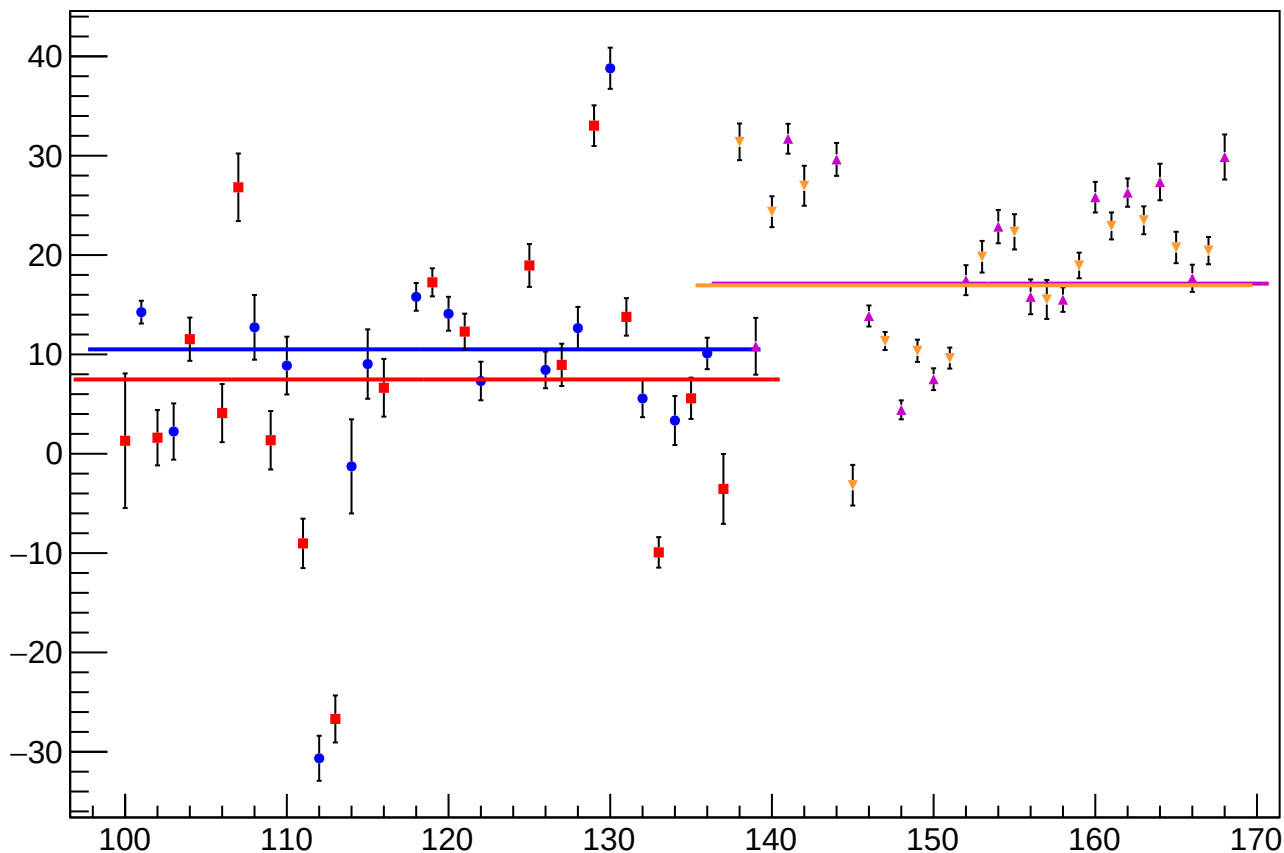
Left In: 70.069 $\pm$ 0.433 χ^2 /NDF:1227.2/14

+ sign 76.967 $\pm$ 0.385 χ^2 /NDF: 5357.1/30

All: 77.819 $\pm$ 0.272 χ^2 /NDF: 10974.2/63

- sign 78.669 $\pm$ 0.384 χ^2 /NDF: 5607.2/32

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 16.953 $\pm$ 0.361 χ^2 /NDF: 394.9/14

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

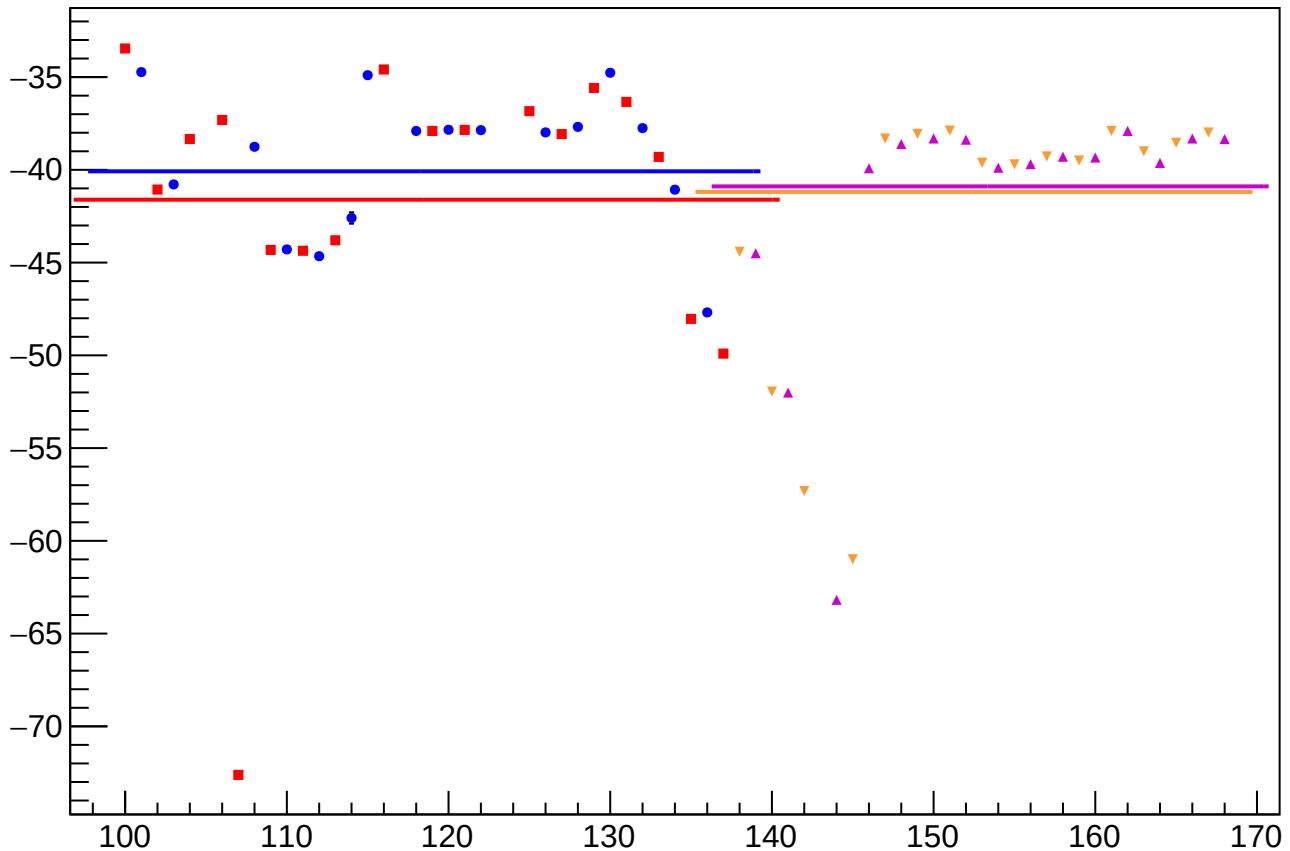
Left In: 17.125 $\pm$ 0.366 χ^2 /NDF: 570.1/14

+ sign 14.694 $\pm$ 0.291 χ^2 /NDF: 1087.9/30

All: 14.340 $\pm$ 0.209 χ^2 /NDF: 2578.3/63

- sign 13.964 $\pm$ 0.300 χ^2 /NDF: 1487.4/32

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -41.190 ± 0.018 χ^2/NDF : 116178.2/14

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

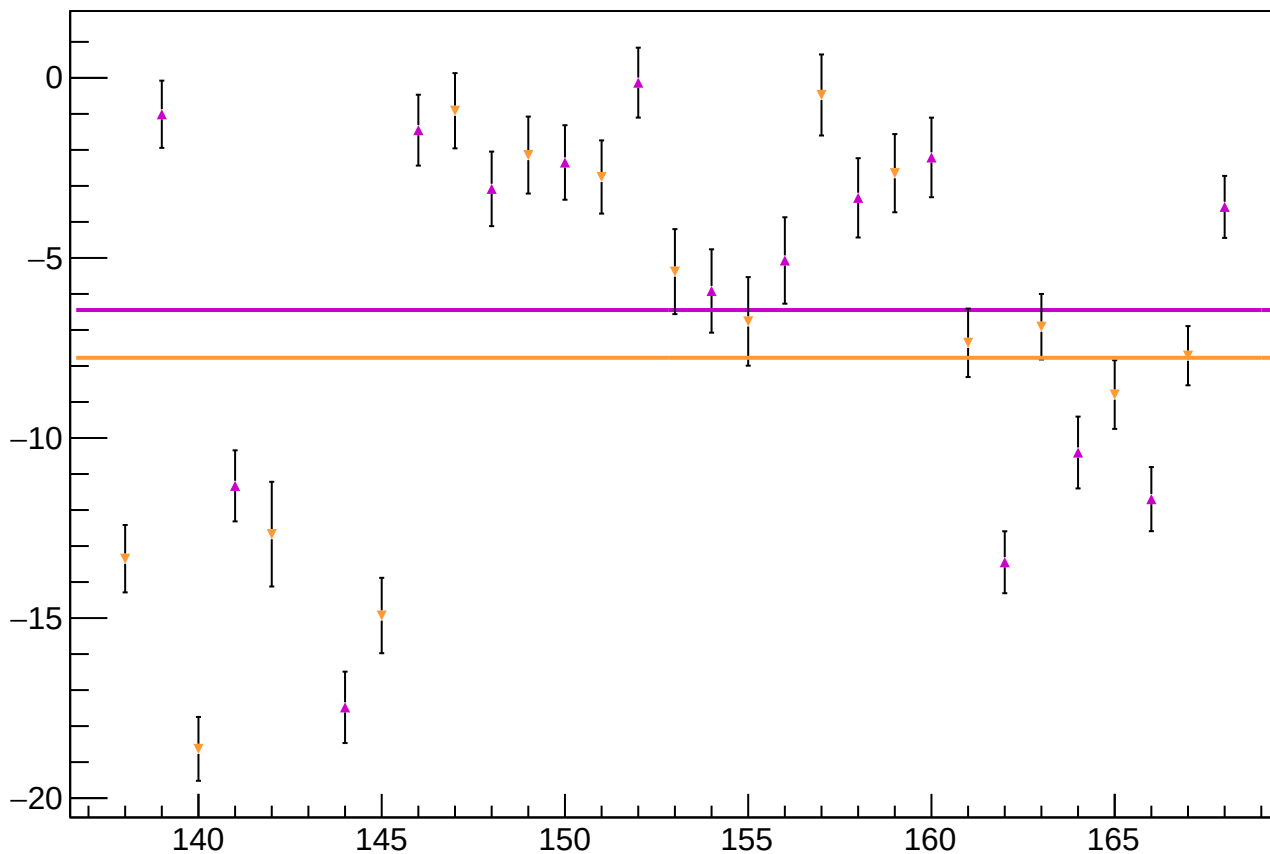
Left In: -40.893 ± 0.017 χ^2/NDF : 95750.9/14

+ sign -40.880 ± 0.015 χ^2/NDF : 142420.1/30

All: -40.983 ± 0.011 χ^2/NDF : 300511.0/63

- sign -41.085 ± 0.015 χ^2/NDF : 157995.4/32

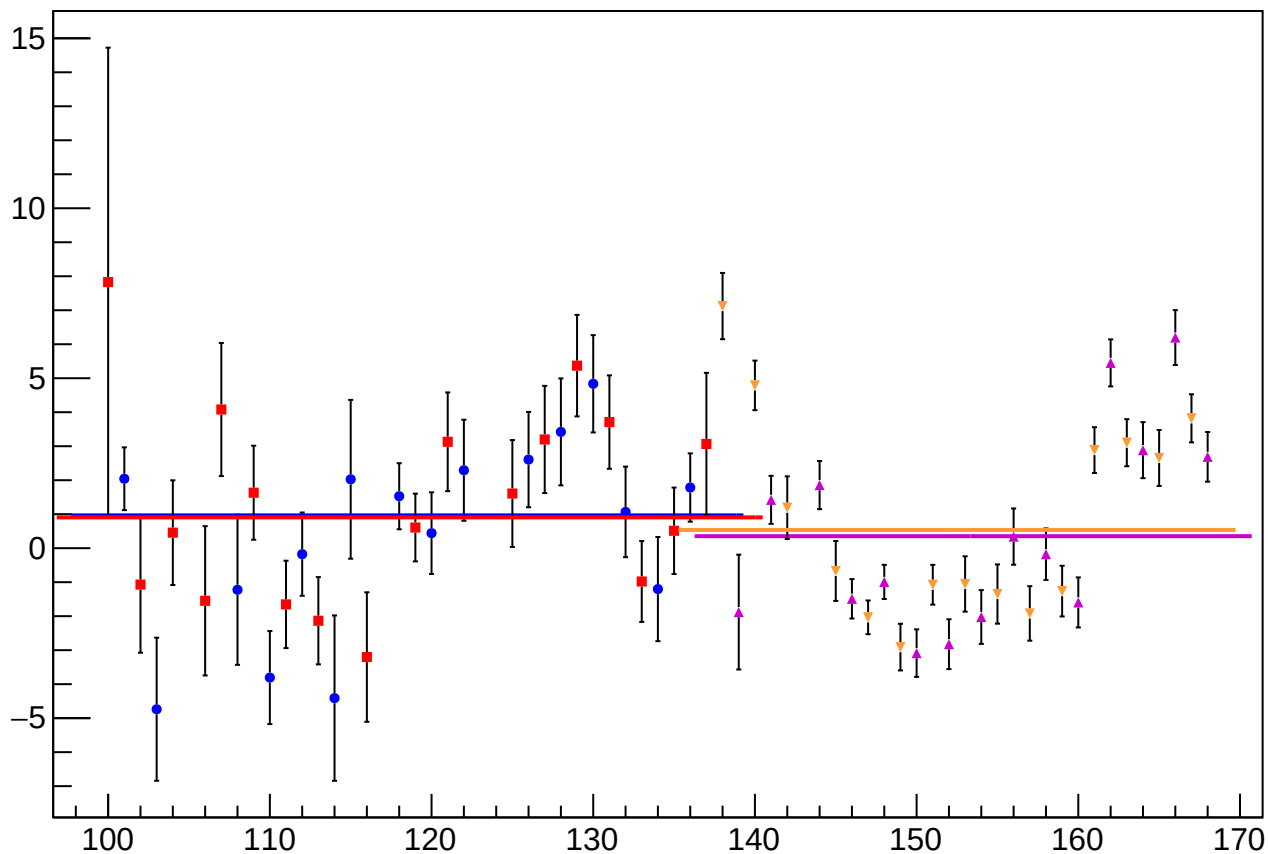
reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.772 $\pm$ 0.263 χ^2 /NDF:410.3/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.446 $\pm$ 0.256 χ^2 /NDF:428.8/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -7.093 $\pm$ 0.184 χ^2 /NDF: 852.2/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: 0.537 ± 0.187 χ^2/NDF : 219.6/14

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

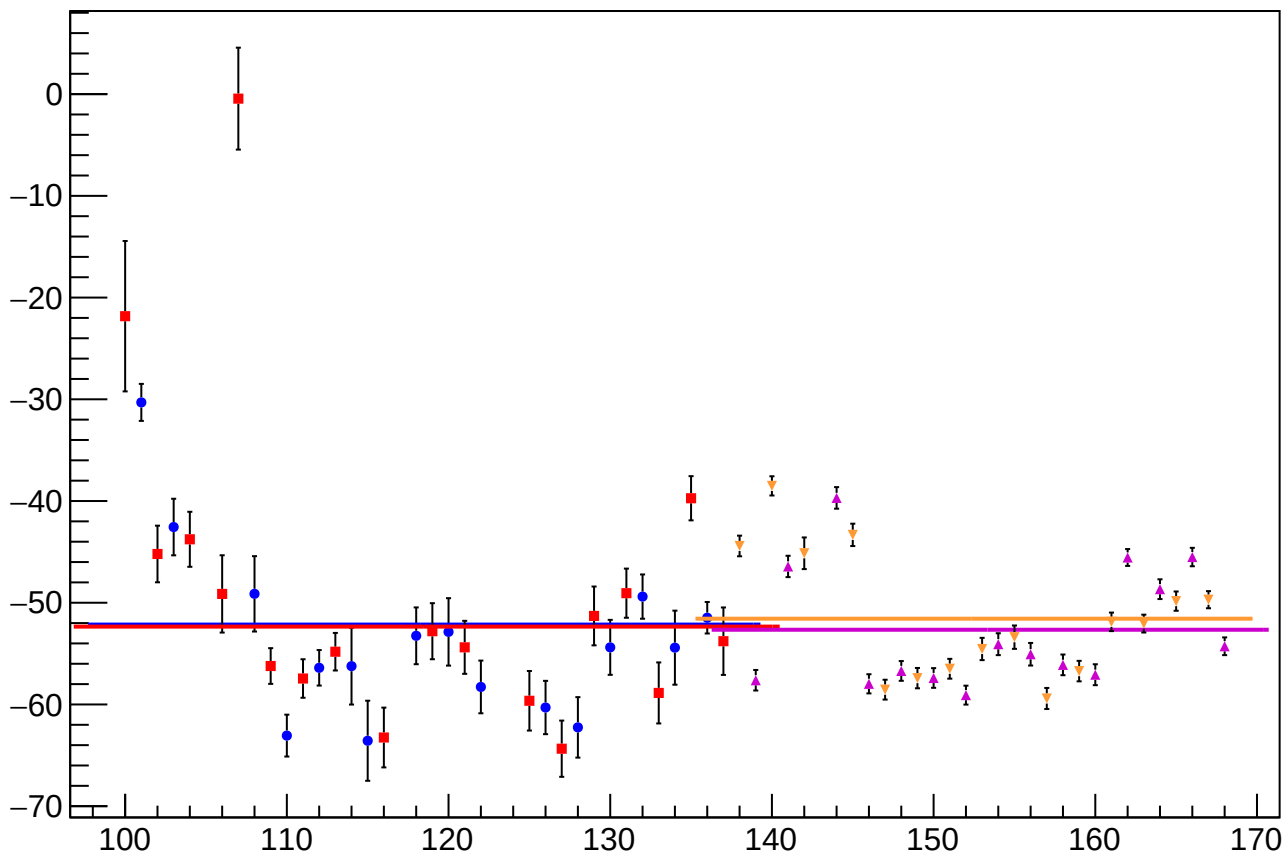
Left In: 0.353 ± 0.186 χ^2/NDF : 211.6/14

+ sign 0.637 ± 0.164 χ^2/NDF : 263.8/30

All: 0.556 ± 0.116 χ^2/NDF : 519.8/63

- sign 0.473 ± 0.165 χ^2/NDF : 255.5/32

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -51.568 ± 0.258 χ^2/NDF : 527.1/14

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

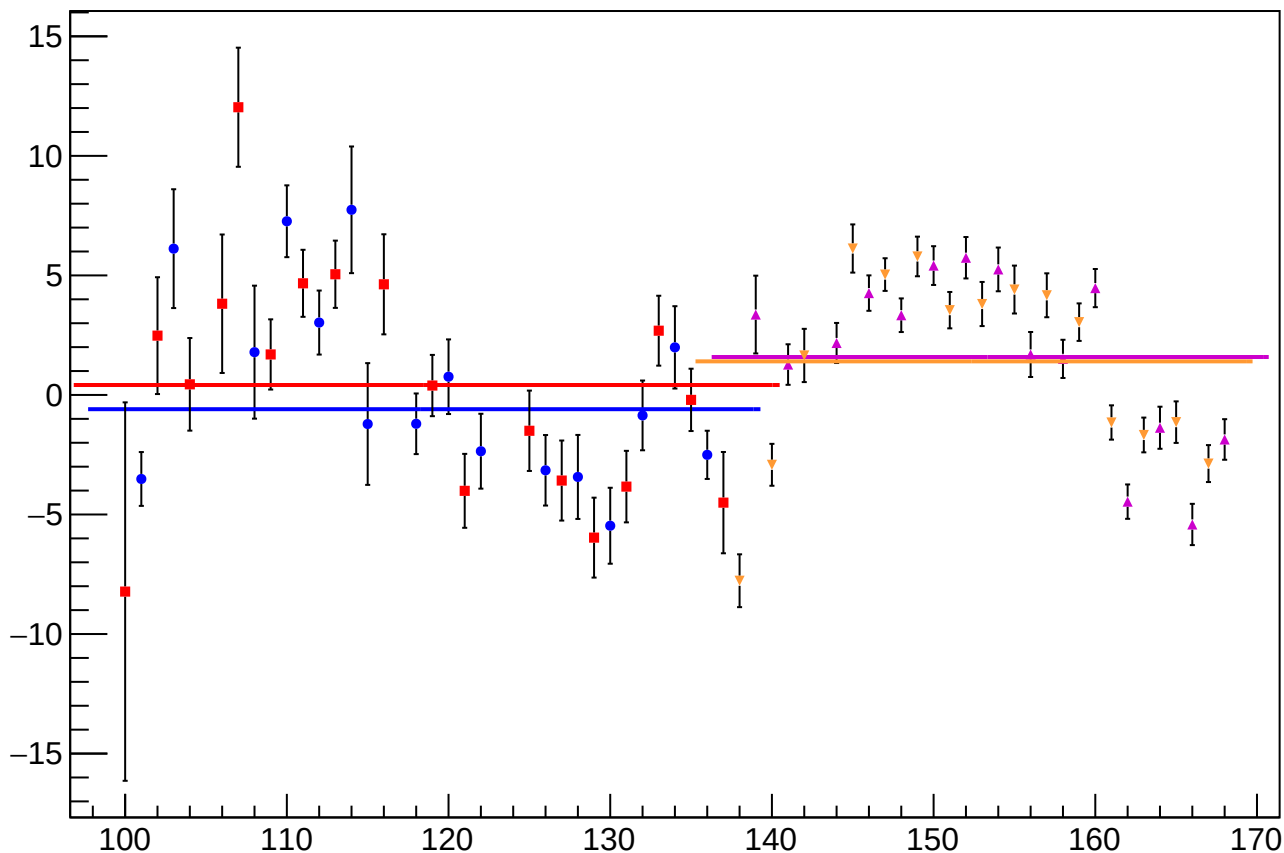
Left In: -52.656 ± 0.251 χ^2/NDF : 522.5/14

+ sign -51.656 ± 0.238 χ^2/NDF : 758.0/30

All: -52.145 ± 0.166 χ^2/NDF : 1524.8/63

- sign -52.612 ± 0.233 χ^2/NDF : 758.5/32

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 1.405 ± 0.218 χ^2/NDF : 278.5/14

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

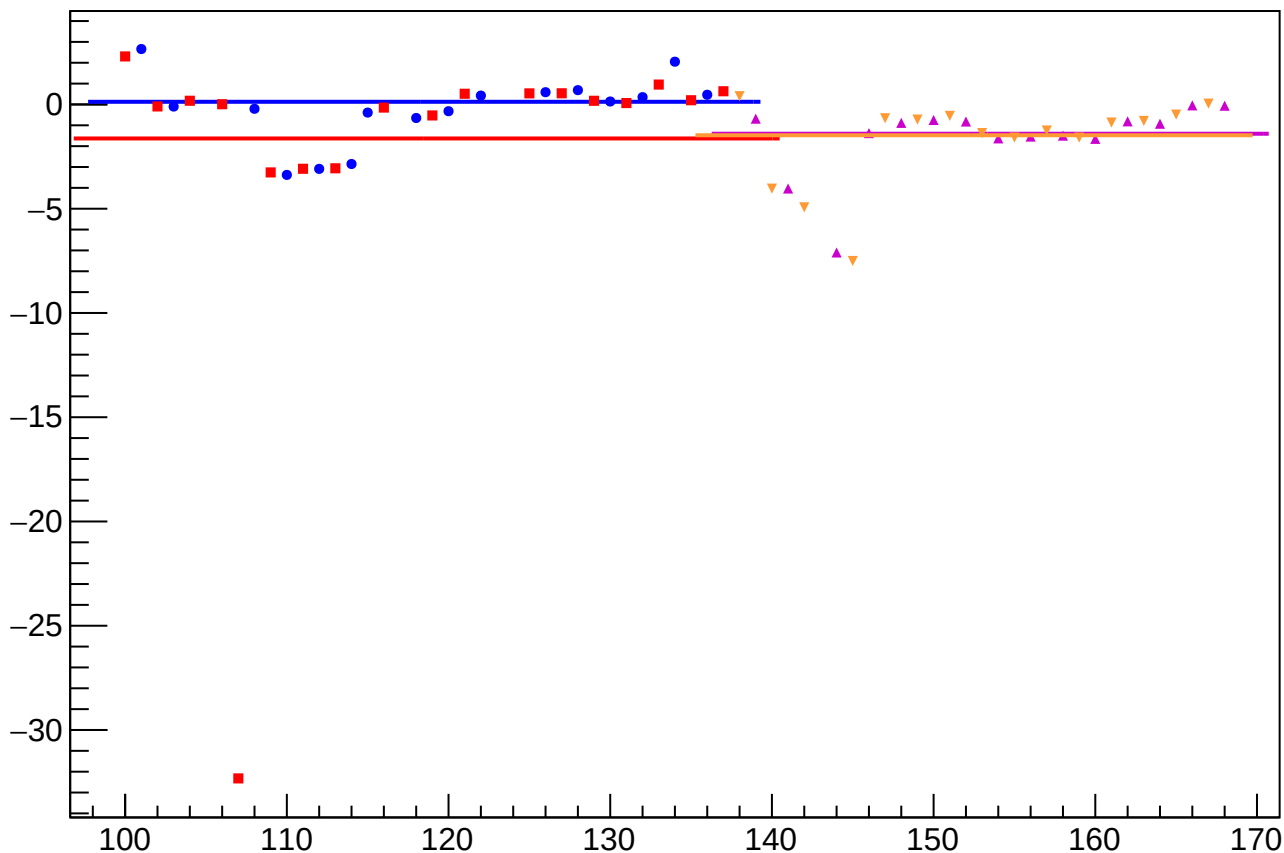
Left In: 1.587 ± 0.217 χ^2/NDF : 259.8/14

+ sign 0.917 ± 0.190 χ^2/NDF : 381.6/30

All: 1.118 ± 0.134 χ^2/NDF : 746.1/63

- sign 1.321 ± 0.190 χ^2/NDF : 362.2/32

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -1.477 ± 0.010 $\chi^2/\text{NDF}: 33174.9/14$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

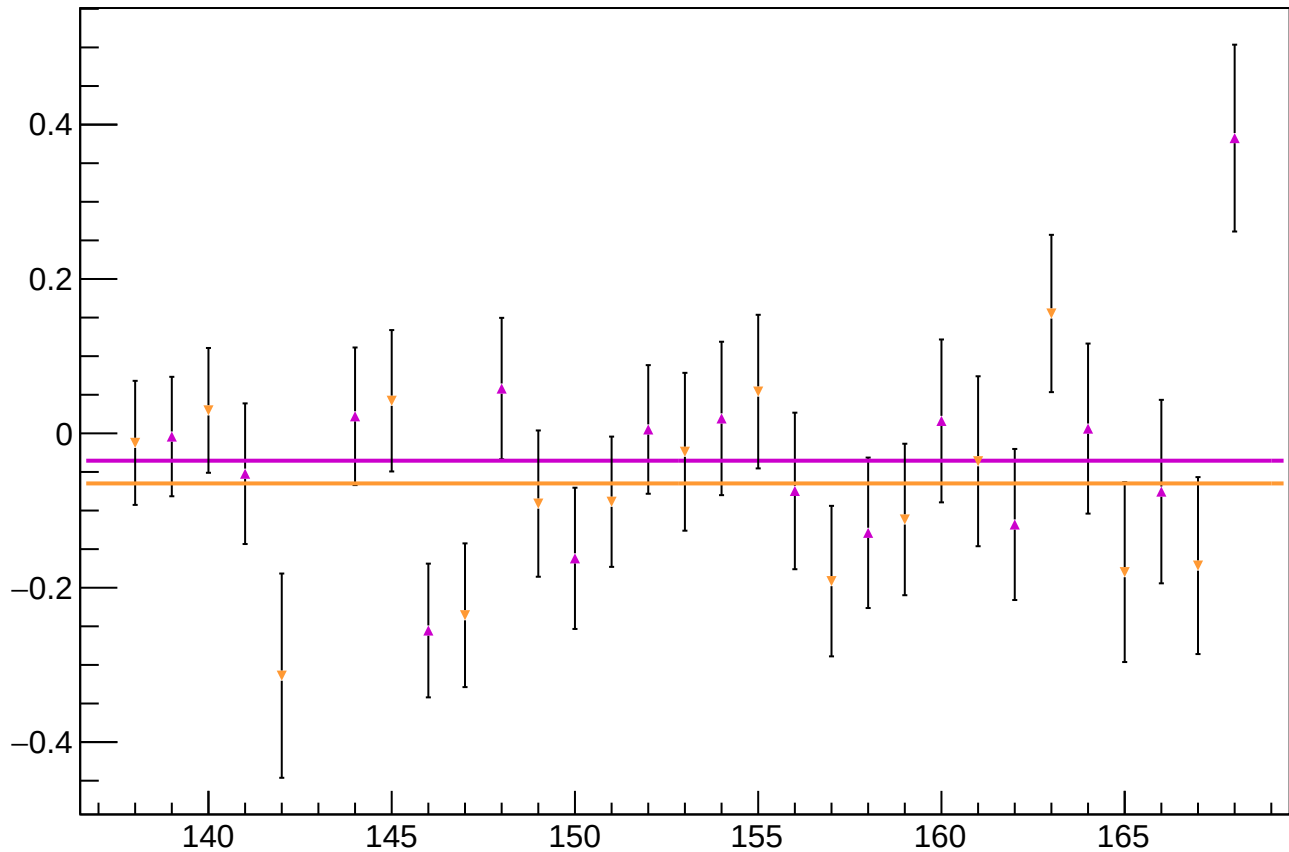
Left In: -1.404 ± 0.010 $\chi^2/\text{NDF}: 23428.5/14$

+ sign -1.183 ± 0.009 $\chi^2/\text{NDF}: 42983.1/30$

All: -1.316 ± 0.006 $\chi^2/\text{NDF}: 144786.9/63$

- sign -1.443 ± 0.009 $\chi^2/\text{NDF}: 101396.9/32$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -0.065 ± 0.025 χ^2/NDF : 20.3/14

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

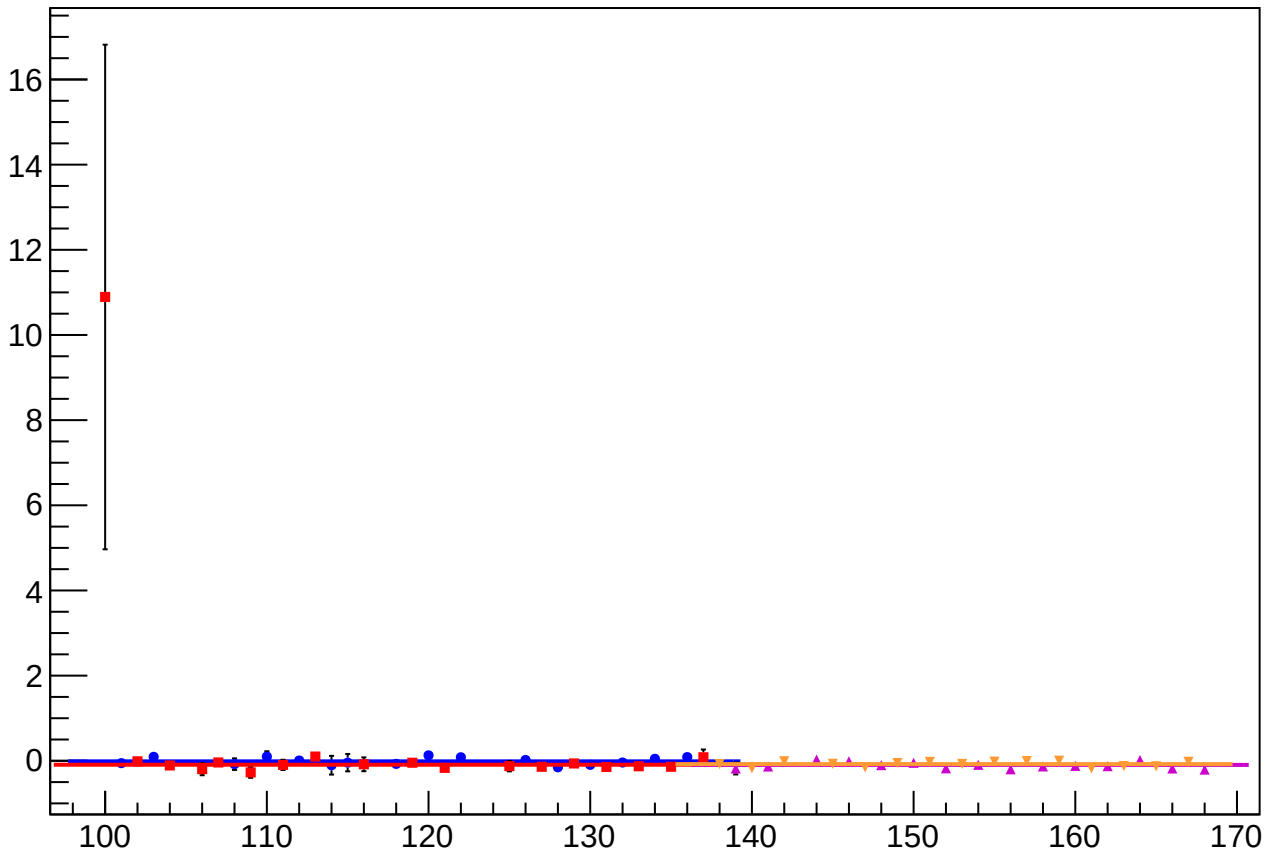
Left In: -0.035 ± 0.025 χ^2/NDF : 24.8/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 0.018 χ^2/NDF : 45.8/29

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.078 ± 0.018 χ^2/NDF : 13.0/14

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

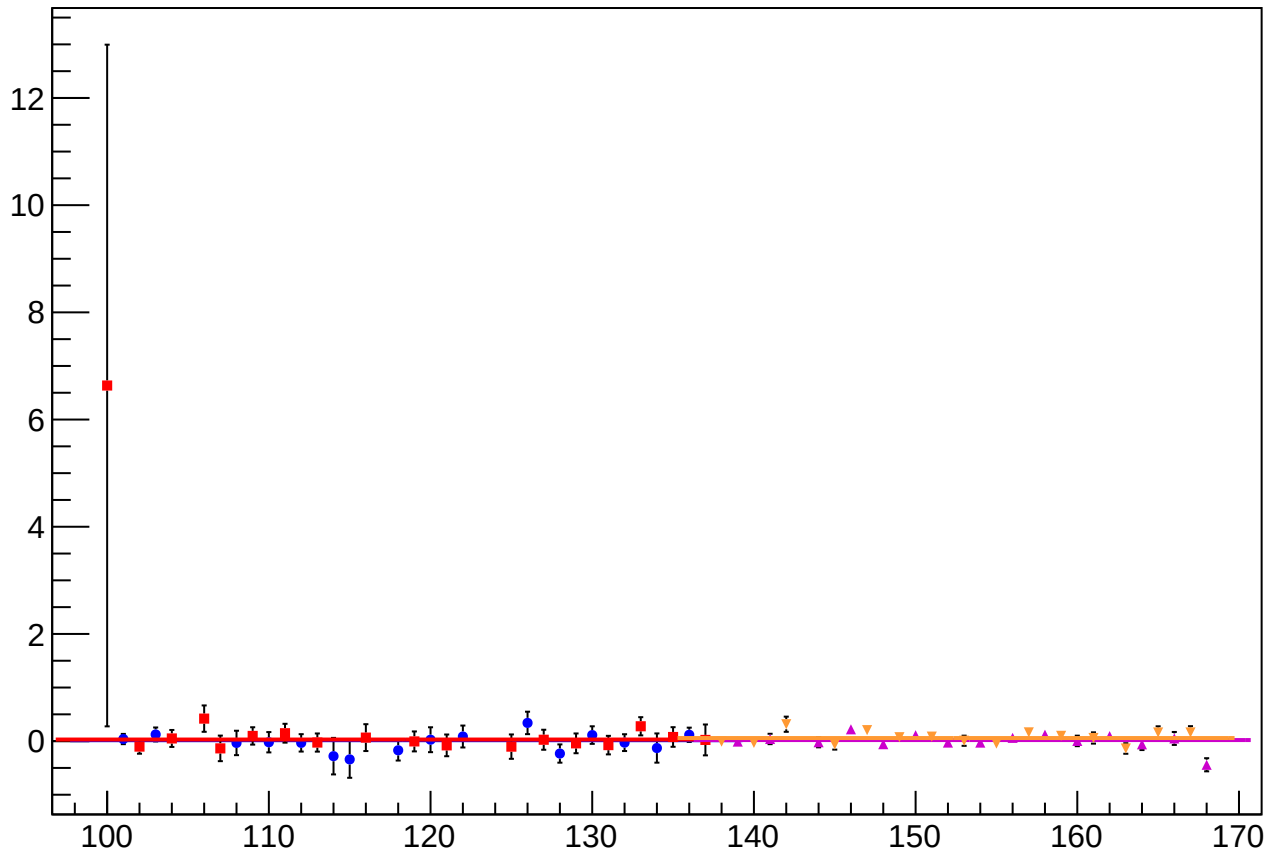
Left In: -0.097 ± 0.018 χ^2/NDF : 15.6/14

+ sign -0.054 ± 0.014 χ^2/NDF : 30.2/30

All: -0.074 ± 0.010 χ^2/NDF : 62.6/63

- sign -0.095 ± 0.014 χ^2/NDF : 28.3/32

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.058 $\pm$ 0.025 χ^2 /NDF:18.2/14

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

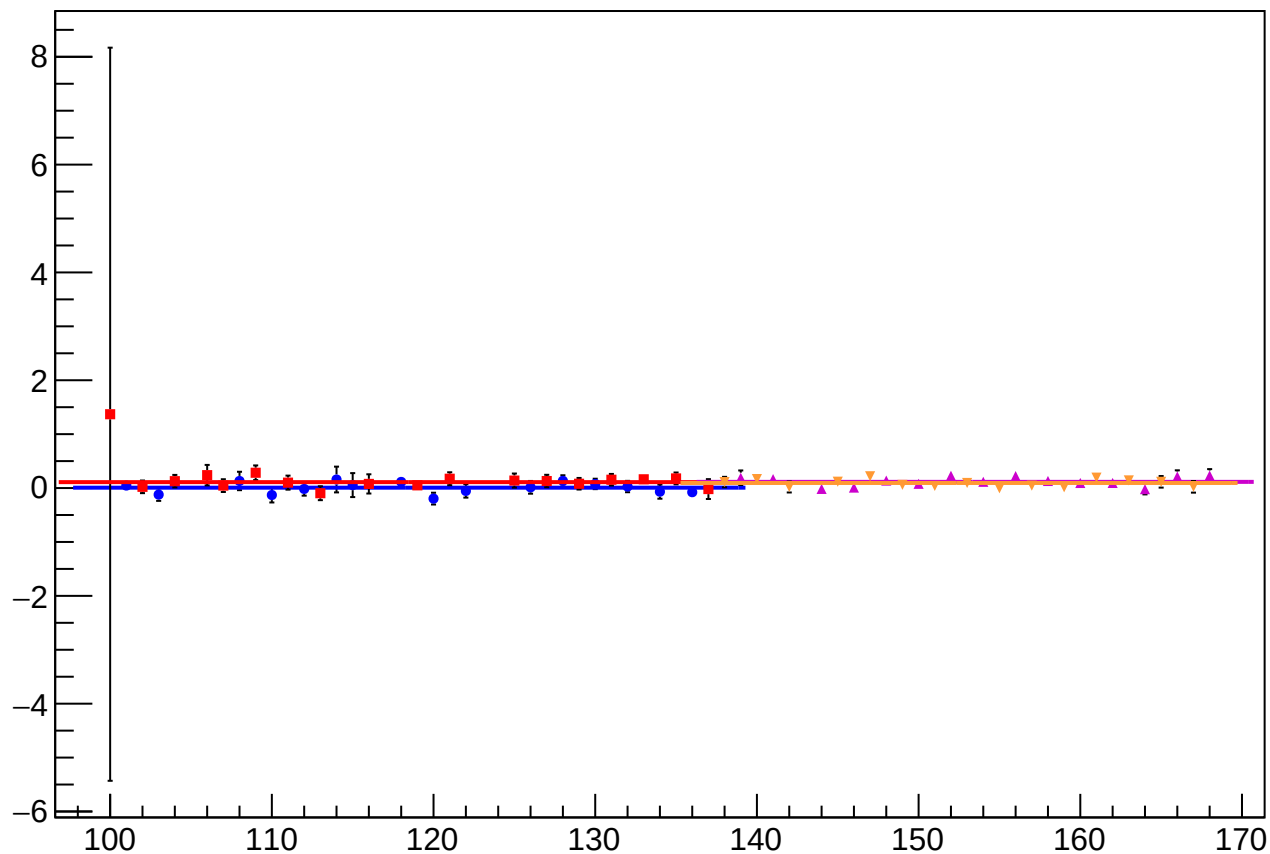
Left In: 0.020 $\pm$ 0.024 χ^2 /NDF:25.5/14

+ sign 0.048 $\pm$ 0.021 χ^2 /NDF: 28.5/30

All: 0.035 $\pm$ 0.015 χ^2 /NDF: 64.0/63

- sign 0.022 $\pm$ 0.021 χ^2 /NDF: 34.8/32

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.094 $\pm$ 0.021 χ^2 /NDF: 12.0/14

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

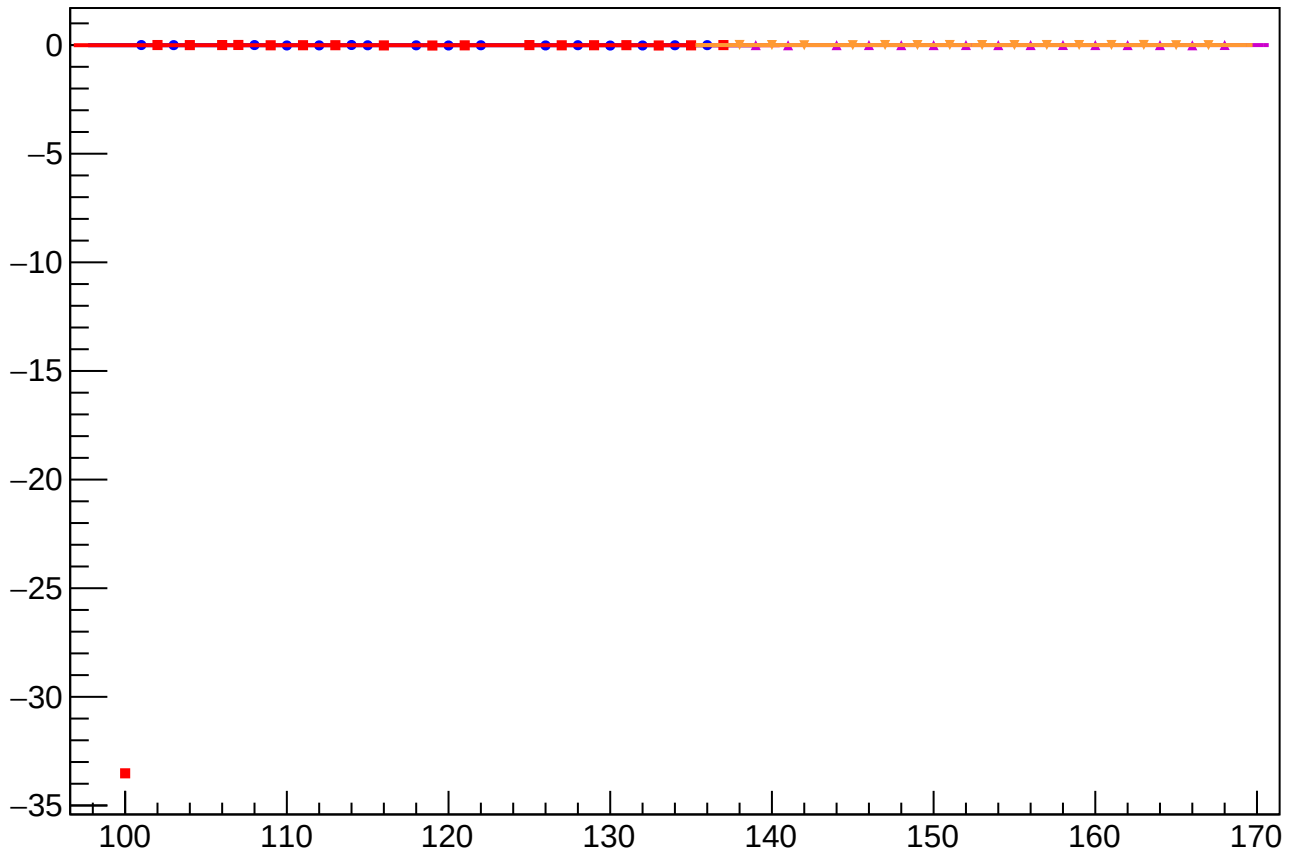
Left In: 0.115 $\pm$ 0.021 χ^2 /NDF: 14.7/14

+ sign 0.062 $\pm$ 0.016 χ^2 /NDF: 30.7/30

All: 0.087 $\pm$ 0.012 χ^2 /NDF: 58.2/63

- sign 0.113 $\pm$ 0.017 χ^2 /NDF: 22.7/32

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 : 11.1/14

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

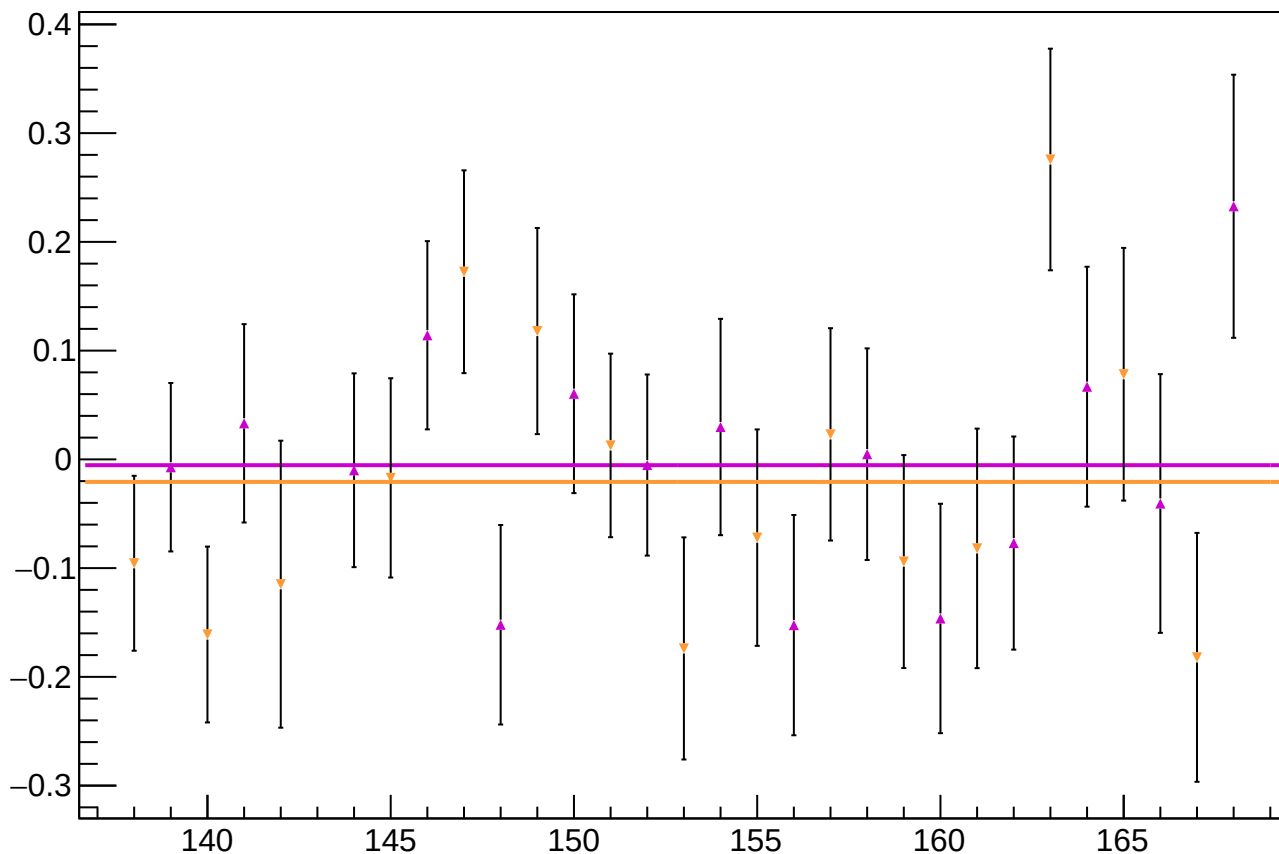
Left In: 0.000 ± 0.001 χ^2/NDF : 11.2/14

+ sign -0.001 ± 0.001 χ^2/NDF : 47.5/30

All: -0.001 ± 0.001 χ^2/NDF : 26580.0/63

- sign -0.002 ± 0.001 χ^2/NDF : 26532.1/32

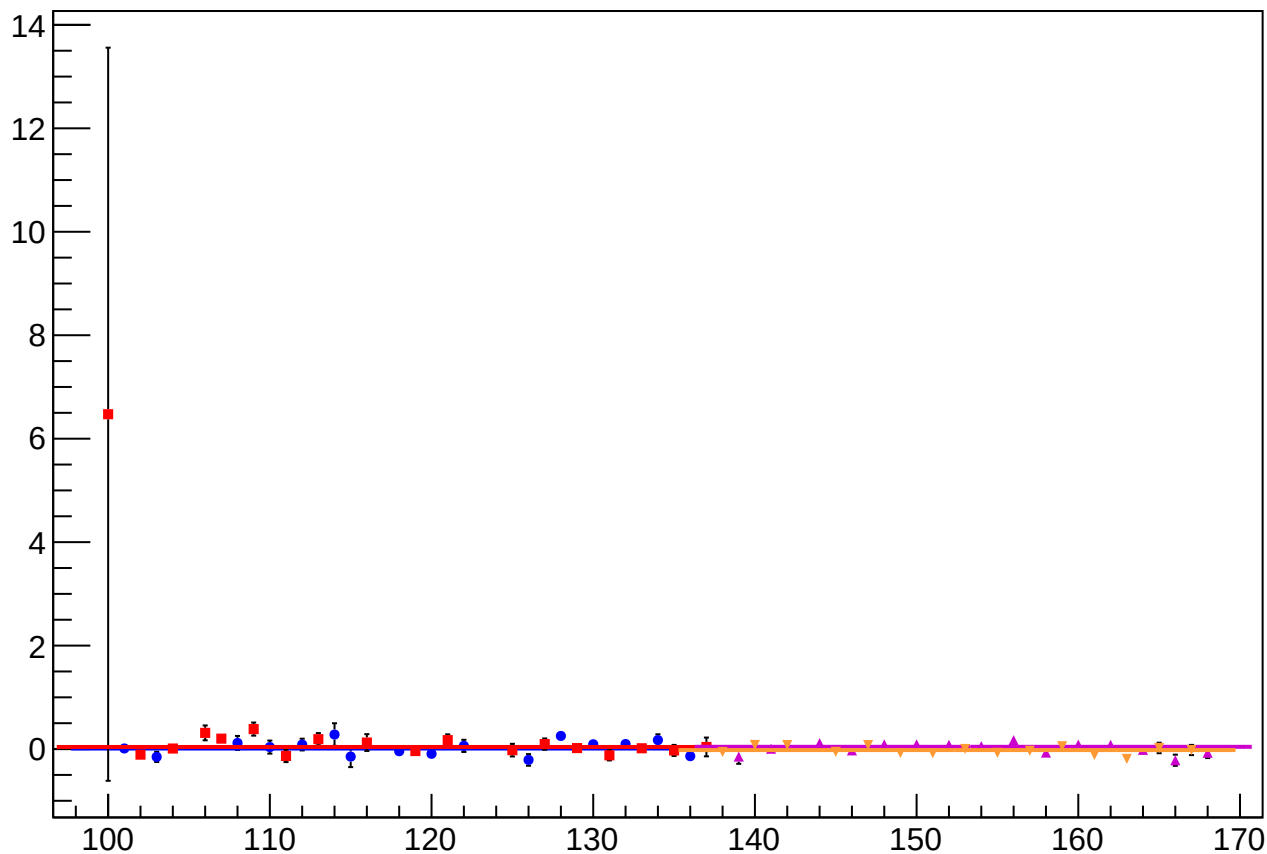
reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.021 $\pm$ 0.025 χ^2 /NDF: 25.7/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.005 $\pm$ 0.025 χ^2 /NDF: 14.1/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.013 $\pm$ 0.018 χ^2 /NDF: 40.1/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 25.4/15

Left Out: -0.019 ± 0.018 χ^2/NDF : 19.5/14

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

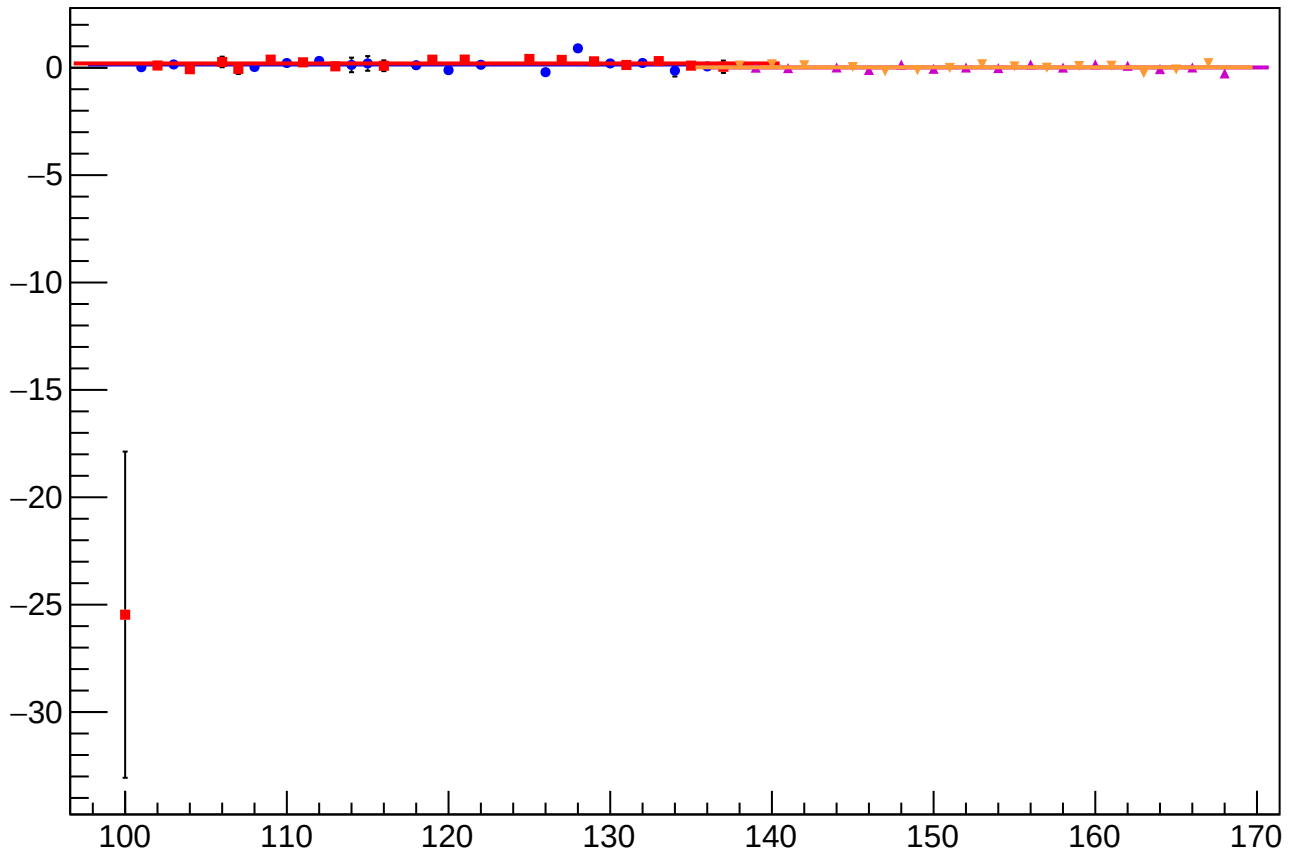
Left In: 0.043 ± 0.018 χ^2/NDF : 21.6/14

+ sign -0.009 ± 0.014 χ^2/NDF : 46.0/30

All: 0.016 ± 0.010 χ^2/NDF : 102.0/63

- sign 0.042 ± 0.014 χ^2/NDF : 49.5/32

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.020 ± 0.025 χ^2/NDF : 25.1/14

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

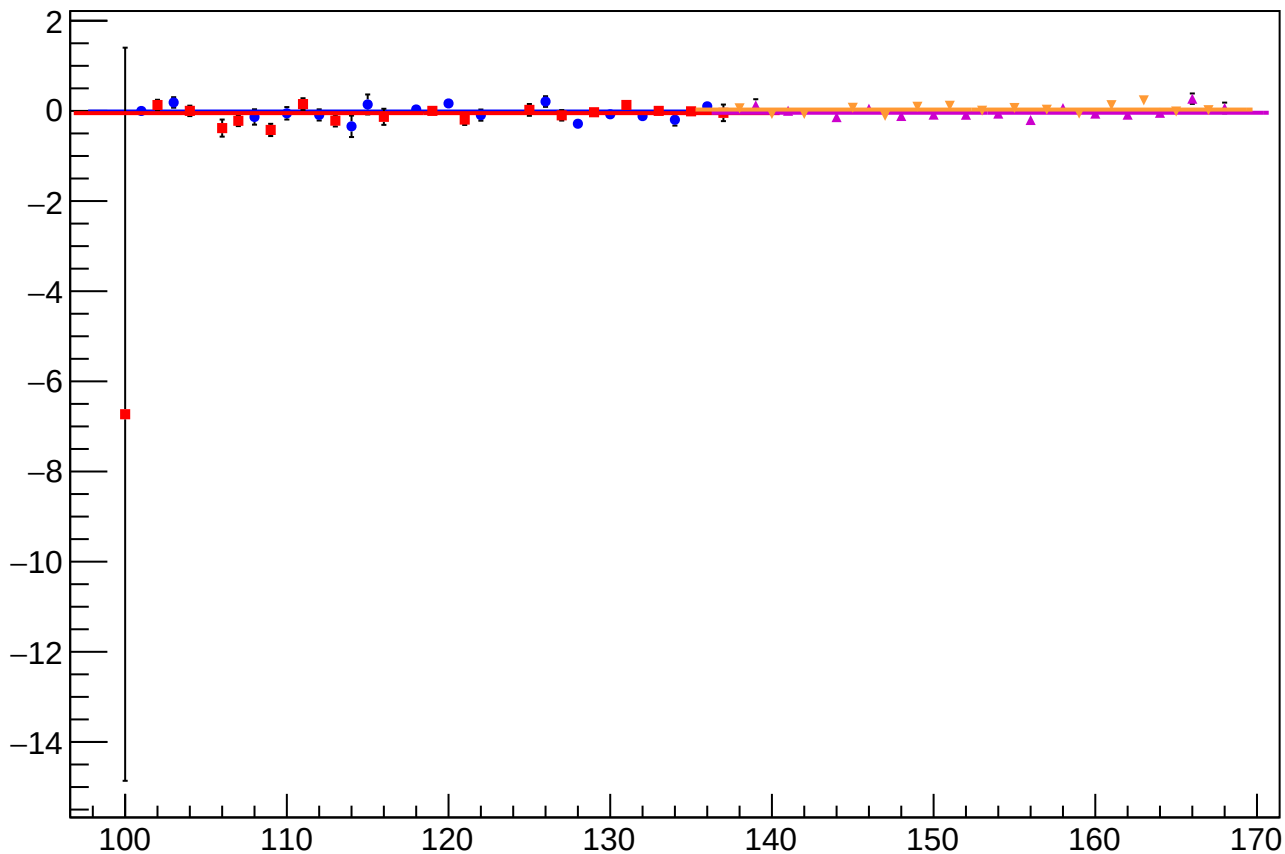
Left In: 0.014 ± 0.024 χ^2/NDF : 15.9/14

+ sign 0.053 ± 0.021 χ^2/NDF : 60.9/30

All: 0.054 ± 0.015 χ^2/NDF : 113.0/63

- sign 0.056 ± 0.021 χ^2/NDF : 52.1/32

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.030 ± 0.021 χ^2/NDF : 20.2/14

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

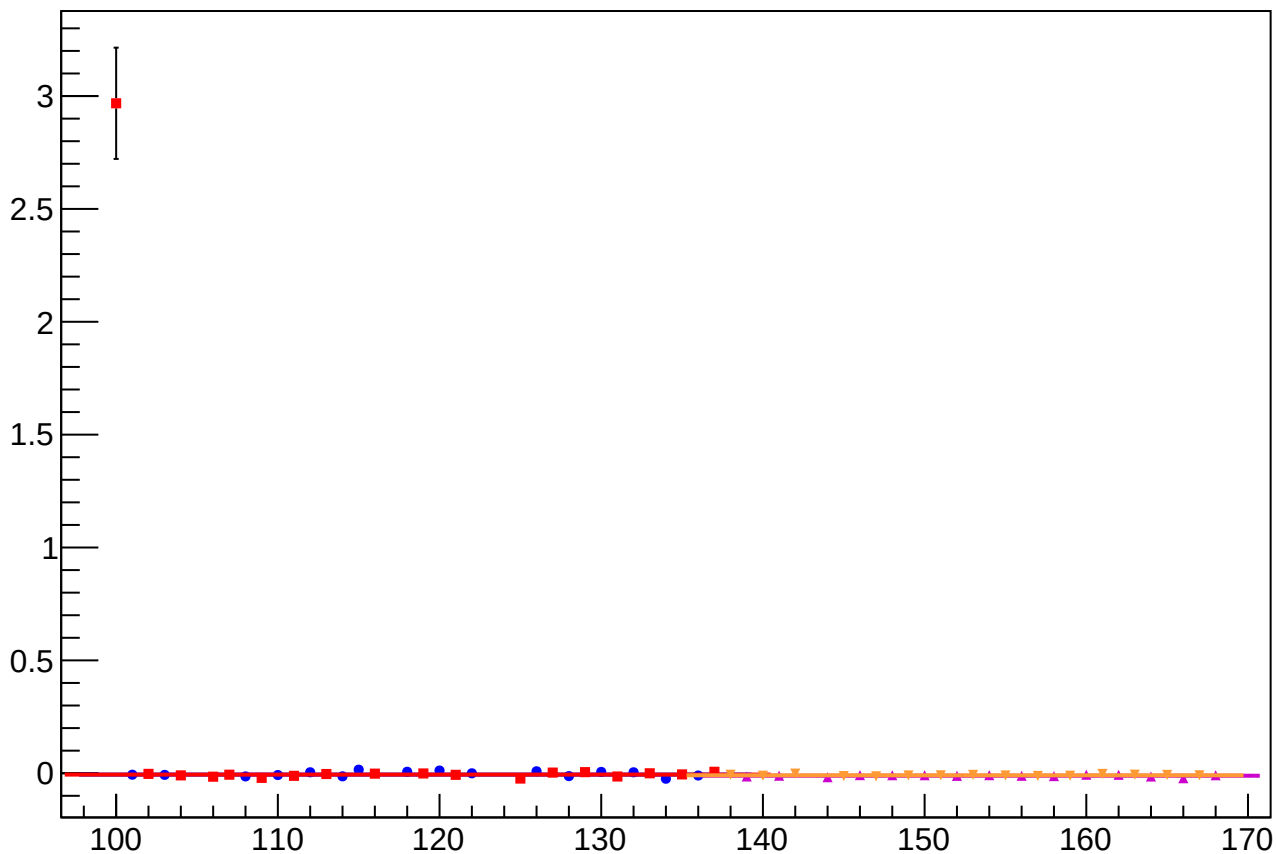
Left In: -0.041 ± 0.021 χ^2/NDF : 22.0/14

+ sign 0.014 ± 0.016 χ^2/NDF : 47.0/30

All: -0.015 ± 0.012 χ^2/NDF : 100.9/63

- sign -0.044 ± 0.017 χ^2/NDF : 47.8/32

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 9.2/14

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

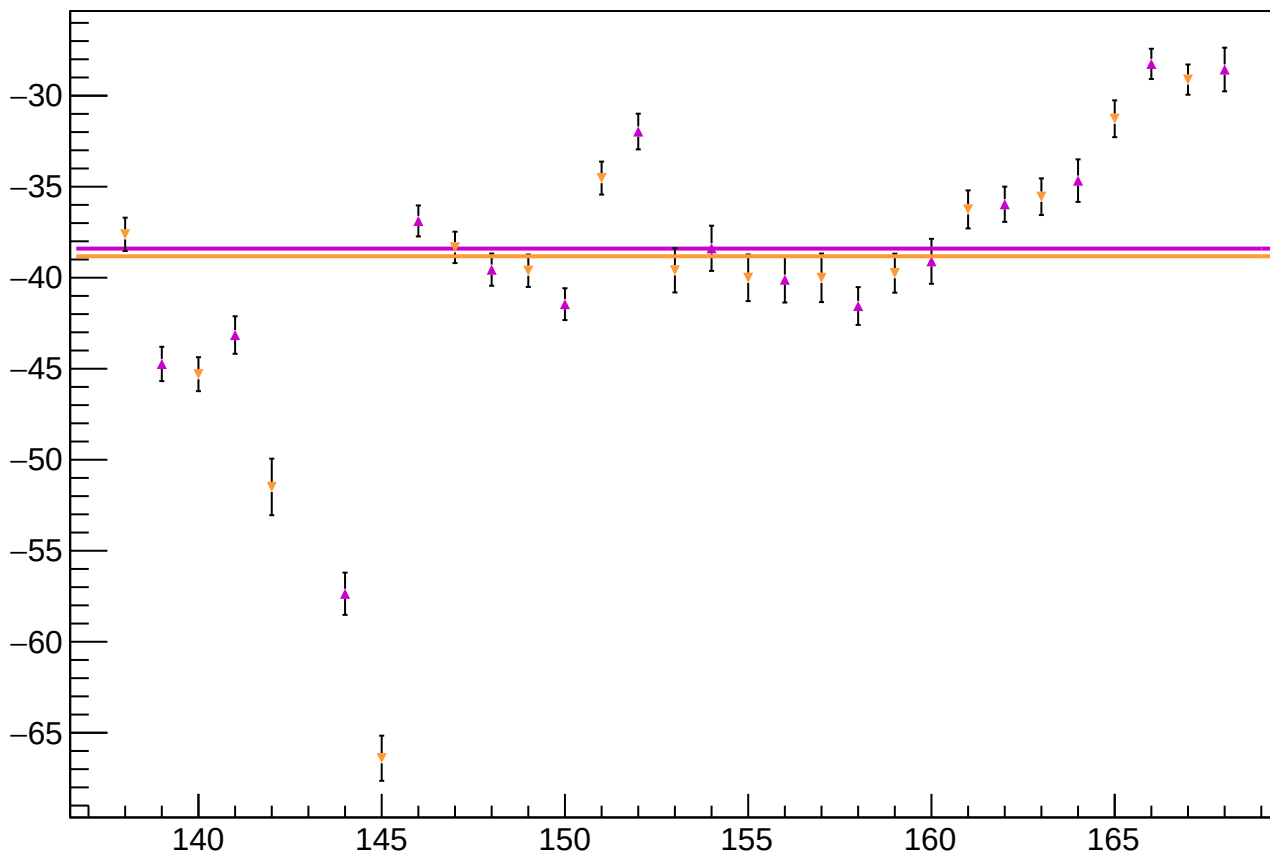
Left In: -0.011 ± 0.001 χ^2/NDF : 13.6/14

+ sign -0.008 ± 0.001 χ^2/NDF : 41.4/30

All: -0.009 ± 0.001 χ^2/NDF : 230.8/63

- sign -0.010 ± 0.001 χ^2/NDF : 187.9/32

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -38.822 $\pm$ 0.265 χ^2/NDF : 846.7/14

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

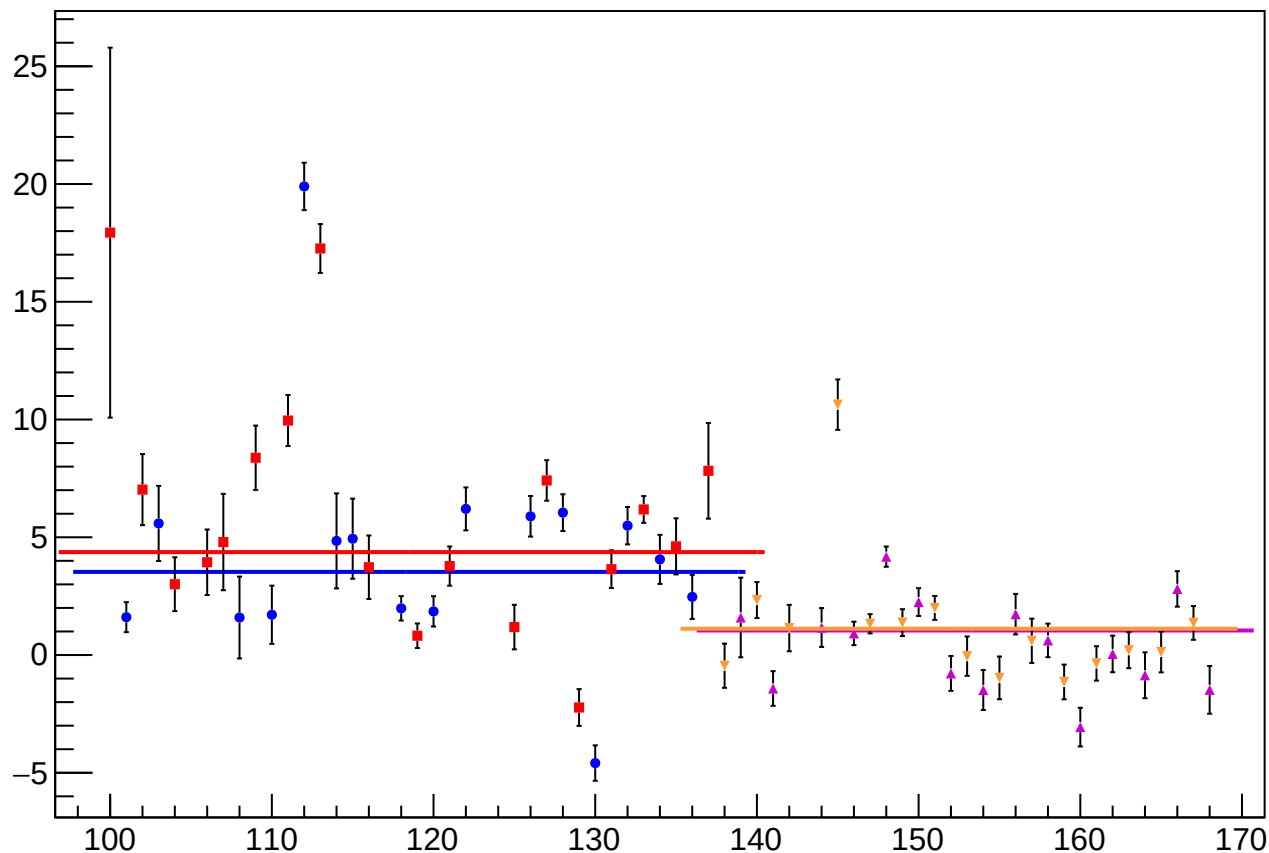
Left In: -38.400 $\pm$ 0.261 χ^2/NDF : 637.8/14

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

All: -38.609 $\pm$ 0.186 χ^2/NDF : 1485.8/29

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

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 1.117 ± 0.182 $\chi^2/\text{NDF}: 111.6/14$

Right Out: 4.370 ± 0.225 $\chi^2/\text{NDF}: 353.8/17$

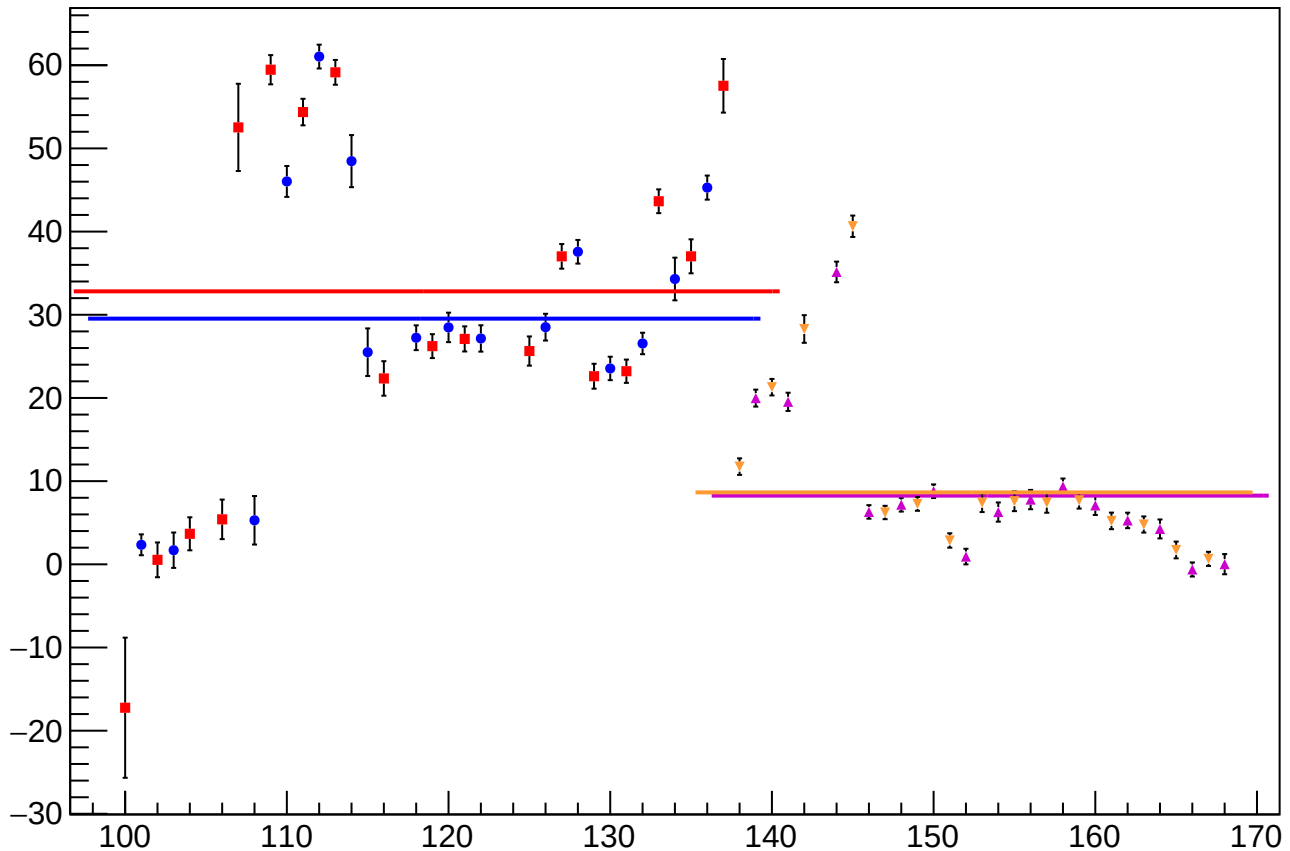
Left In: 1.042 ± 0.184 $\chi^2/\text{NDF}: 126.9/14$

+ sign 2.111 ± 0.140 $\chi^2/\text{NDF}: 630.6/30$

All: 2.240 ± 0.100 $\chi^2/\text{NDF}: 1243.8/63$

- sign 2.375 ± 0.143 $\chi^2/\text{NDF}: 611.4/32$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 ± 0.417 χ^2/NDF : 1494.9/15

Left Out: 8.648 ± 0.259 χ^2/NDF : 1153.6/14

Right Out: 32.816 ± 0.423 χ^2/NDF : 1659.3/17

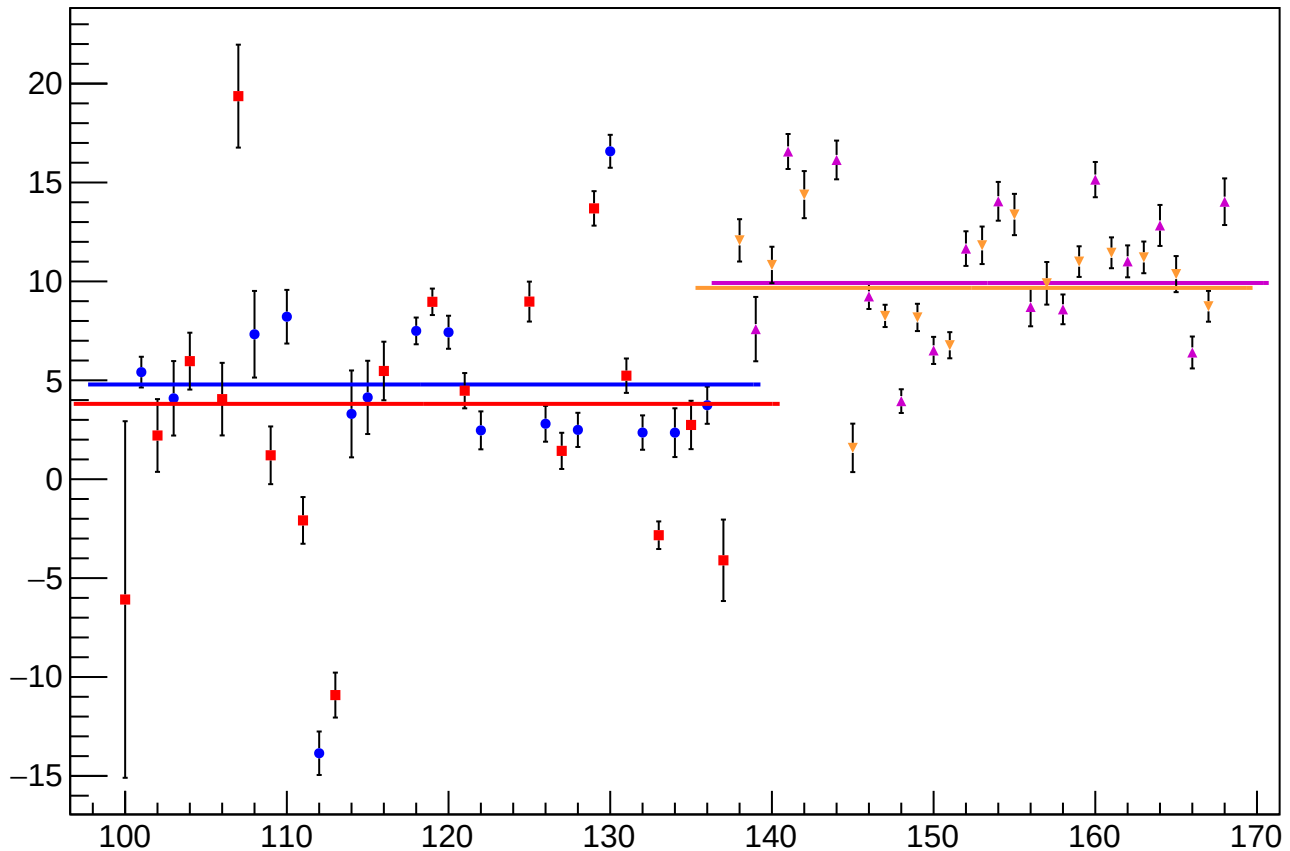
Left In: 8.260 ± 0.255 χ^2/NDF : 960.3/14

+ sign 14.464 ± 0.220 χ^2/NDF : 4460.9/30

All: 14.638 ± 0.155 χ^2/NDF : 9554.6/63

- sign 14.811 ± 0.218 χ^2/NDF : 5092.4/32

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 9.672 ± 0.215 χ^2/NDF : 127.8/14

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

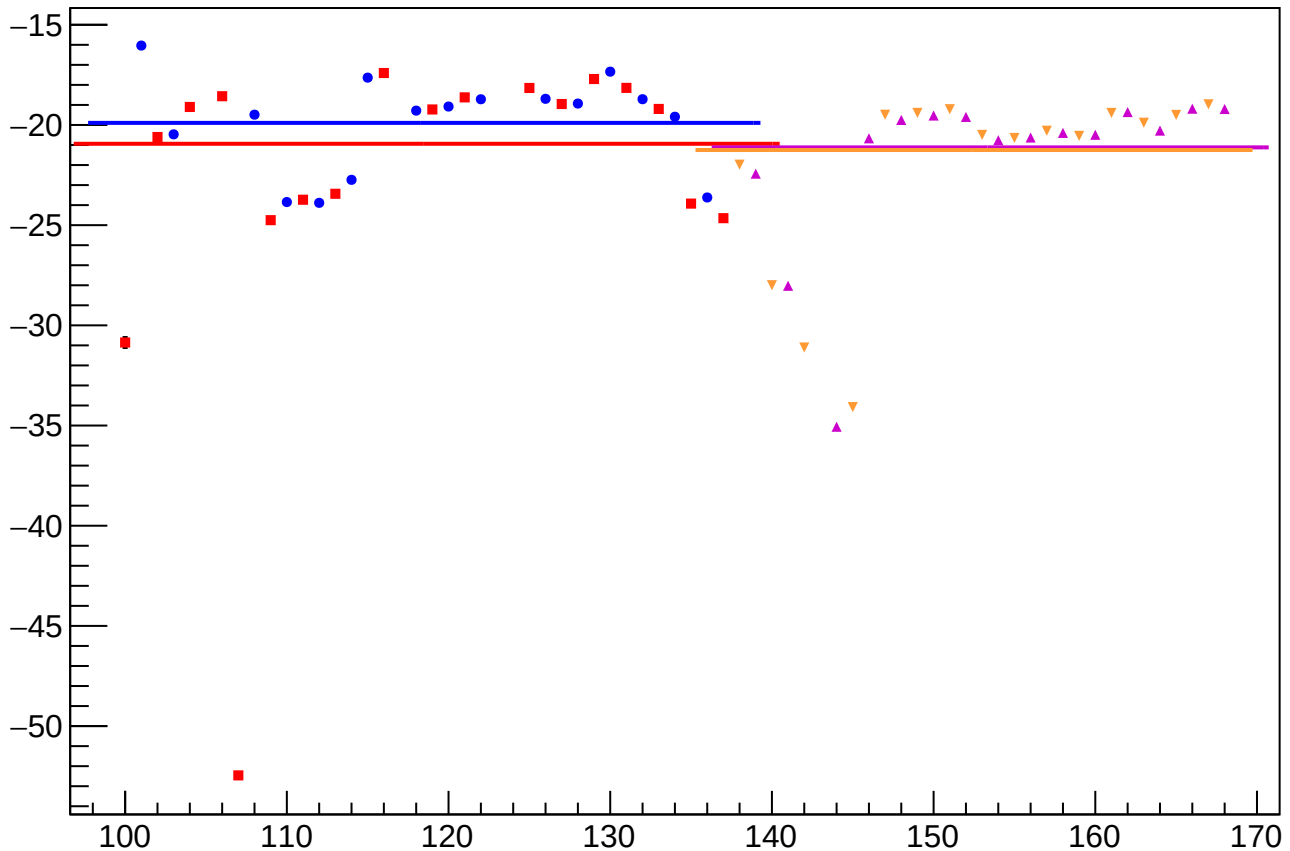
Left In: 9.920 ± 0.217 χ^2/NDF : 325.5/14

+ sign 7.605 ± 0.163 χ^2/NDF : 899.6/30

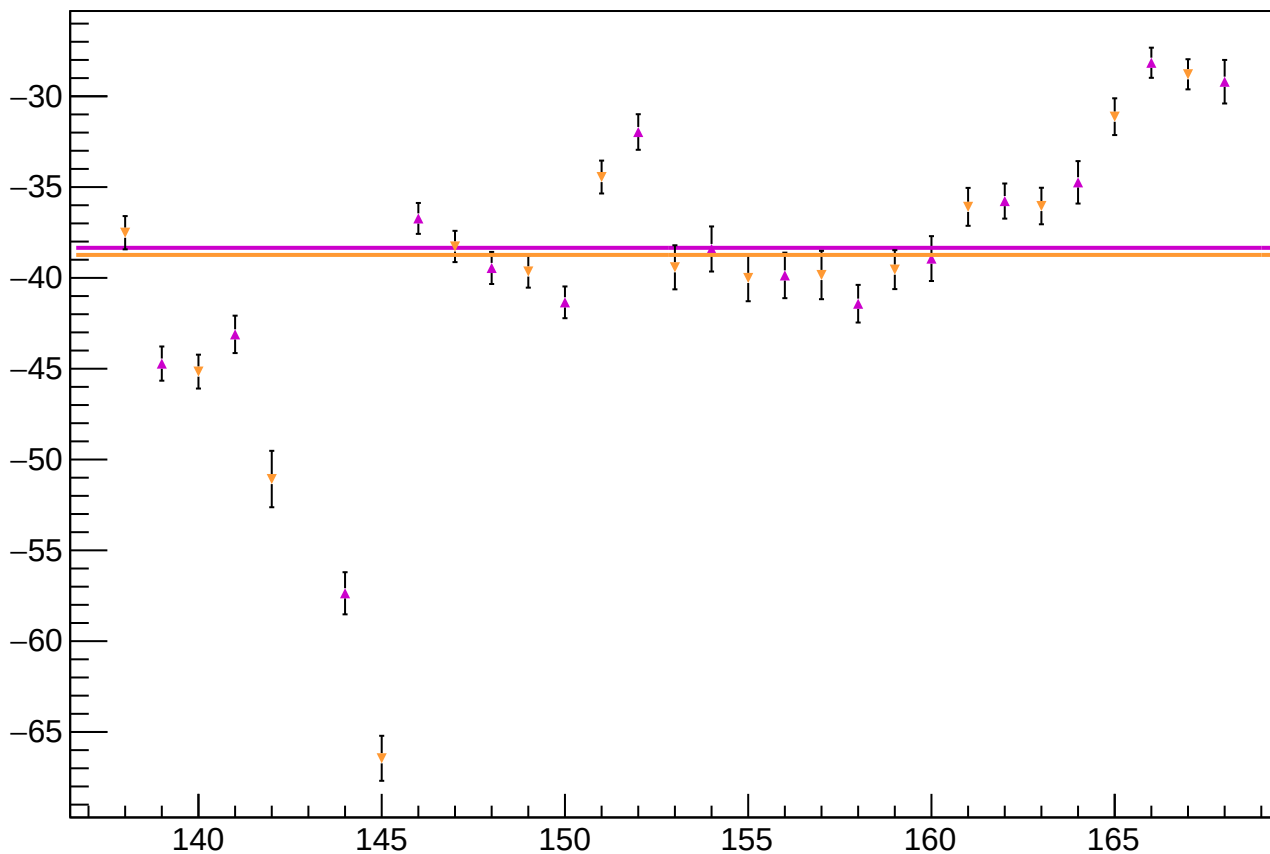
All: 7.503 ± 0.117 χ^2/NDF : 2120.8/63

- sign 7.397 ± 0.166 χ^2/NDF : 1220.4/32

reg_asym_left_avg_diff_bpm12X_slope vs Slug



reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -38.735 $\pm$ 0.264 χ^2 /NDF:853.1/14

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

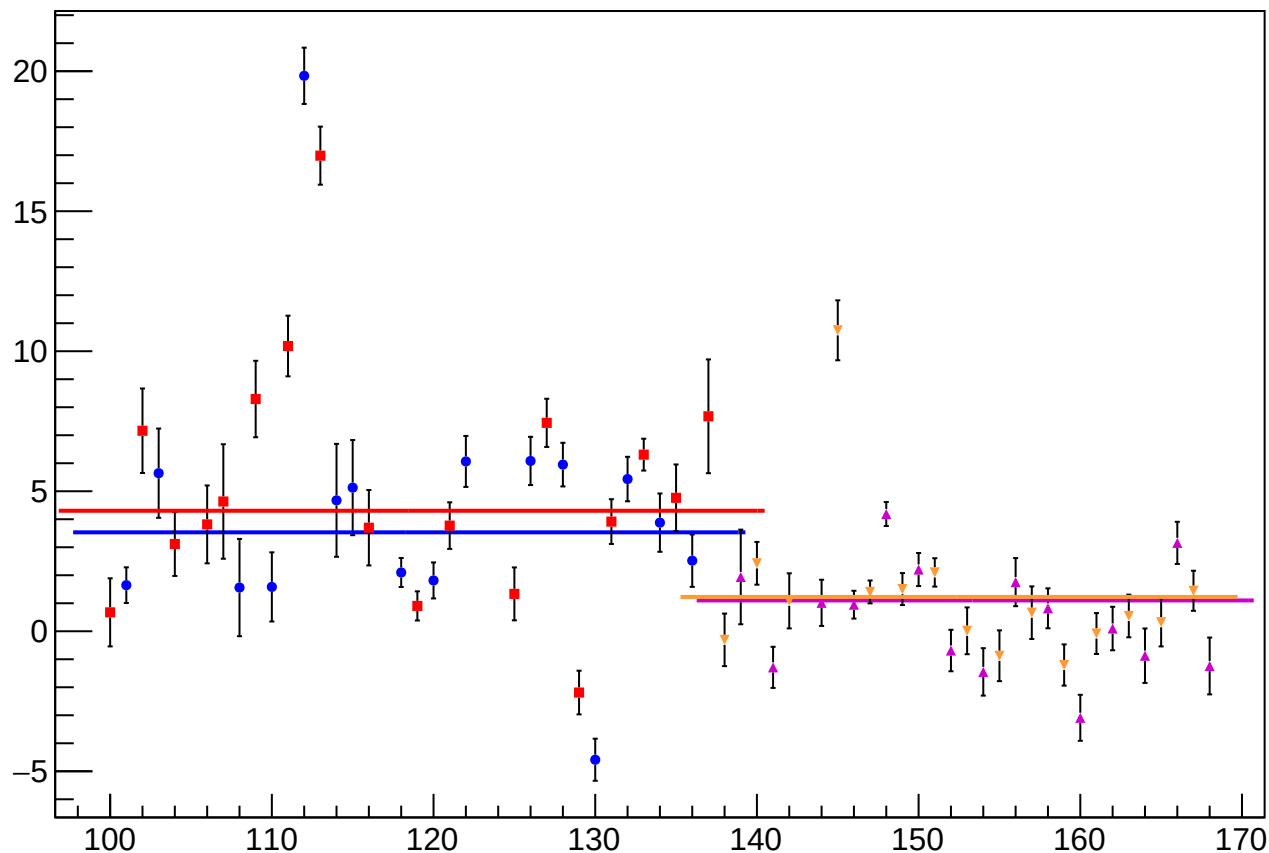
Left In: -38.345 $\pm$ 0.261 χ^2 /NDF:631.5/14

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

All: -38.537 $\pm$ 0.186 χ^2 /NDF: 1485.7/29

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

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.226 ± 0.182 $\chi^2/\text{NDF}: 111.6/14$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

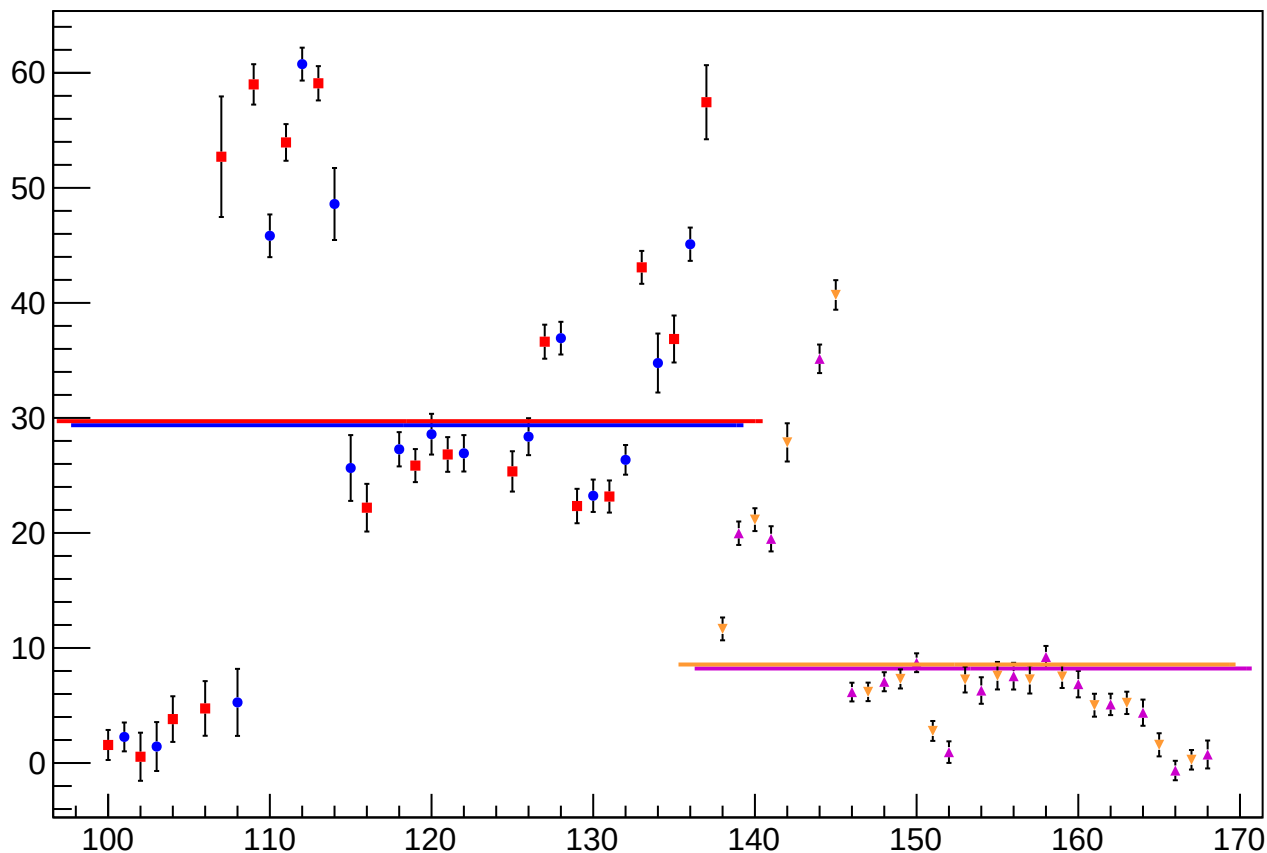
Left In: 1.100 ± 0.184 $\chi^2/\text{NDF}: 126.5/14$

+ sign 2.177 ± 0.139 $\chi^2/\text{NDF}: 621.1/30$

All: 2.291 ± 0.099 $\chi^2/\text{NDF}: 1225.4/63$

- sign 2.408 ± 0.142 $\chi^2/\text{NDF}: 602.9/32$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 ± 0.416 $\chi^2/\text{NDF}: 1488.7/15$

Left Out: 8.564 ± 0.259 $\chi^2/\text{NDF}: 1157.9/14$

Right Out: 29.719 ± 0.402 $\chi^2/\text{NDF}: 2129.5/17$

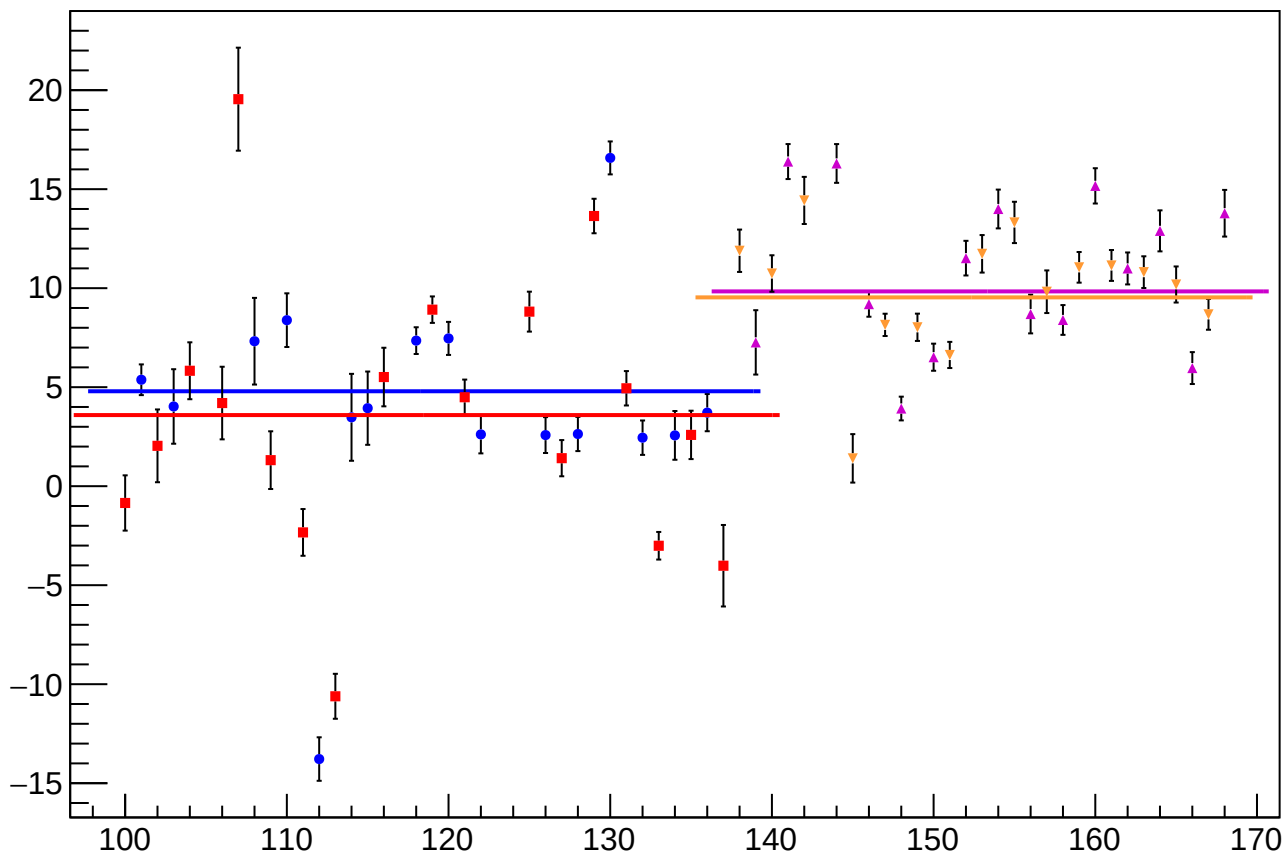
Left In: 8.217 ± 0.255 $\chi^2/\text{NDF}: 955.1/14$

+ sign 14.356 ± 0.220 $\chi^2/\text{NDF}: 4446.9/30$

All: 14.364 ± 0.154 $\chi^2/\text{NDF}: 9568.9/63$

- sign 14.372 ± 0.215 $\chi^2/\text{NDF}: 5122.0/32$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 9.535 ± 0.215 $\chi^2/\text{NDF}: 128.9/14$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

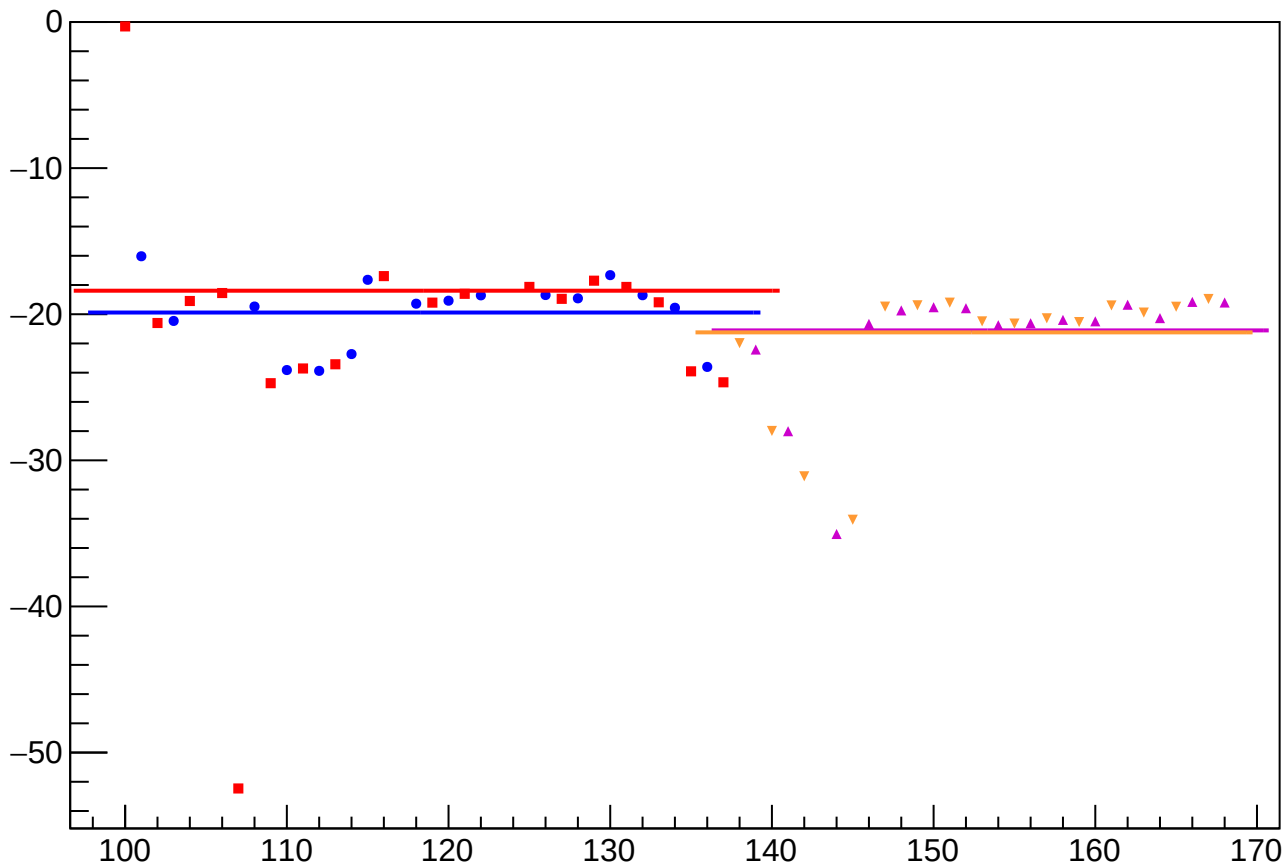
Left In: 9.837 ± 0.217 $\chi^2/\text{NDF}: 330.8/14$

+ sign 7.528 ± 0.163 $\chi^2/\text{NDF}: 884.5/30$

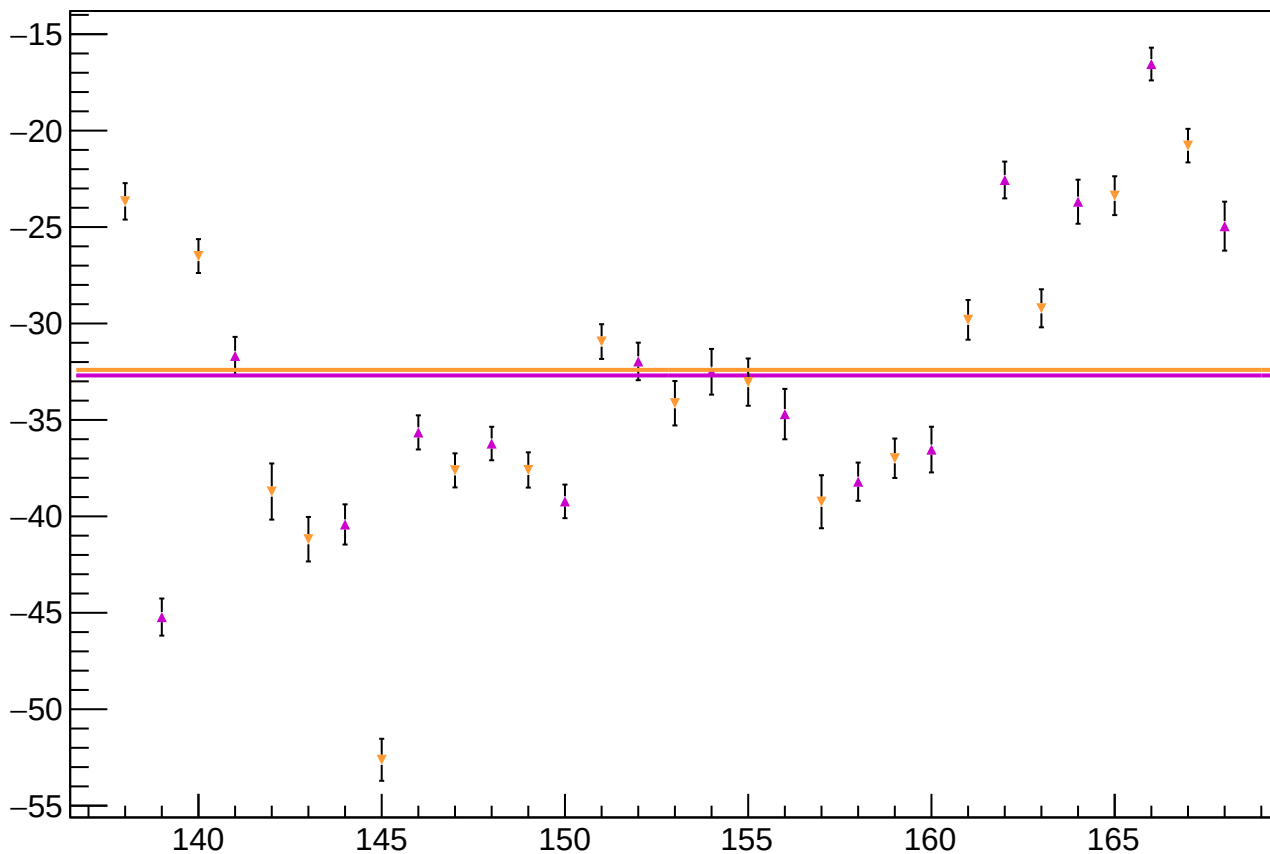
All: 7.370 ± 0.116 $\chi^2/\text{NDF}: 2139.4/63$

- sign 7.208 ± 0.165 $\chi^2/\text{NDF}: 1253.0/32$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



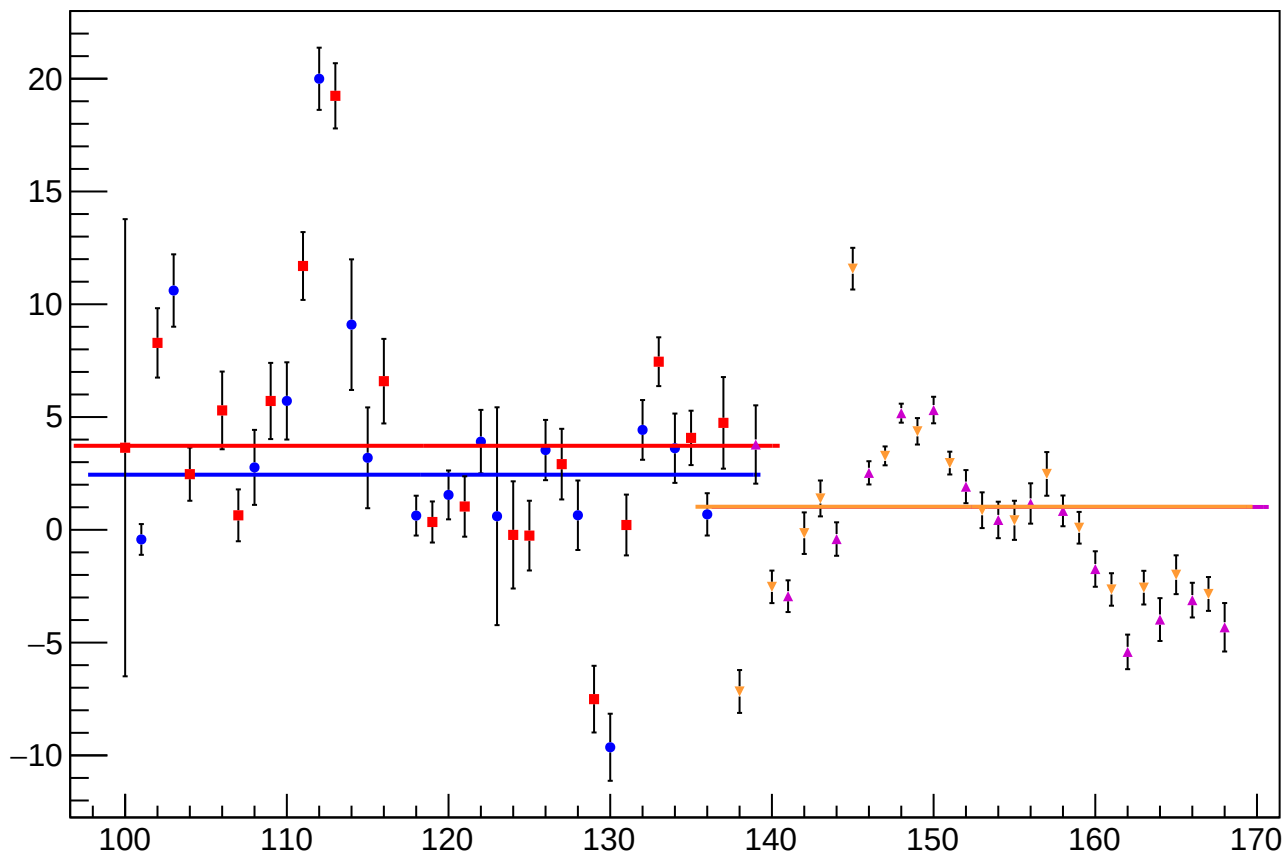
reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.404+/-0.255 χ^2/NDF :944.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.695+/-0.259 χ^2/NDF :928.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -32.547+/-0.182 χ^2/NDF : 1873.4/30
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: 1.023 ± 0.176 χ^2/NDF : 399.4/15

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

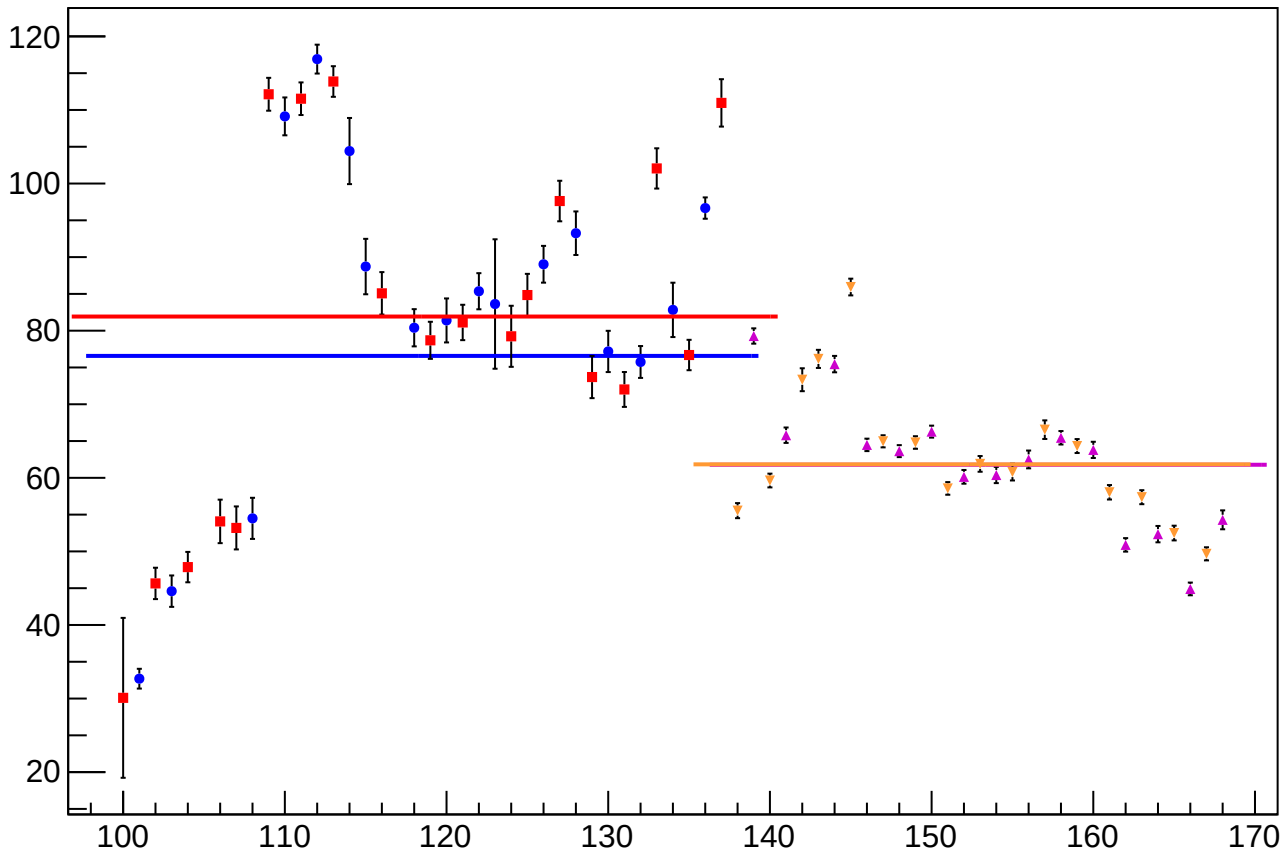
Left In: 1.013 ± 0.182 χ^2/NDF : 363.1/14

+ sign 1.367 ± 0.153 χ^2/NDF : 710.5/32

All: 1.505 ± 0.110 χ^2/NDF : 1397.0/66

- sign 1.654 ± 0.159 χ^2/NDF : 684.8/33

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 61.833 $\pm$ 0.251 χ^2 /NDF:1055.1/15

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

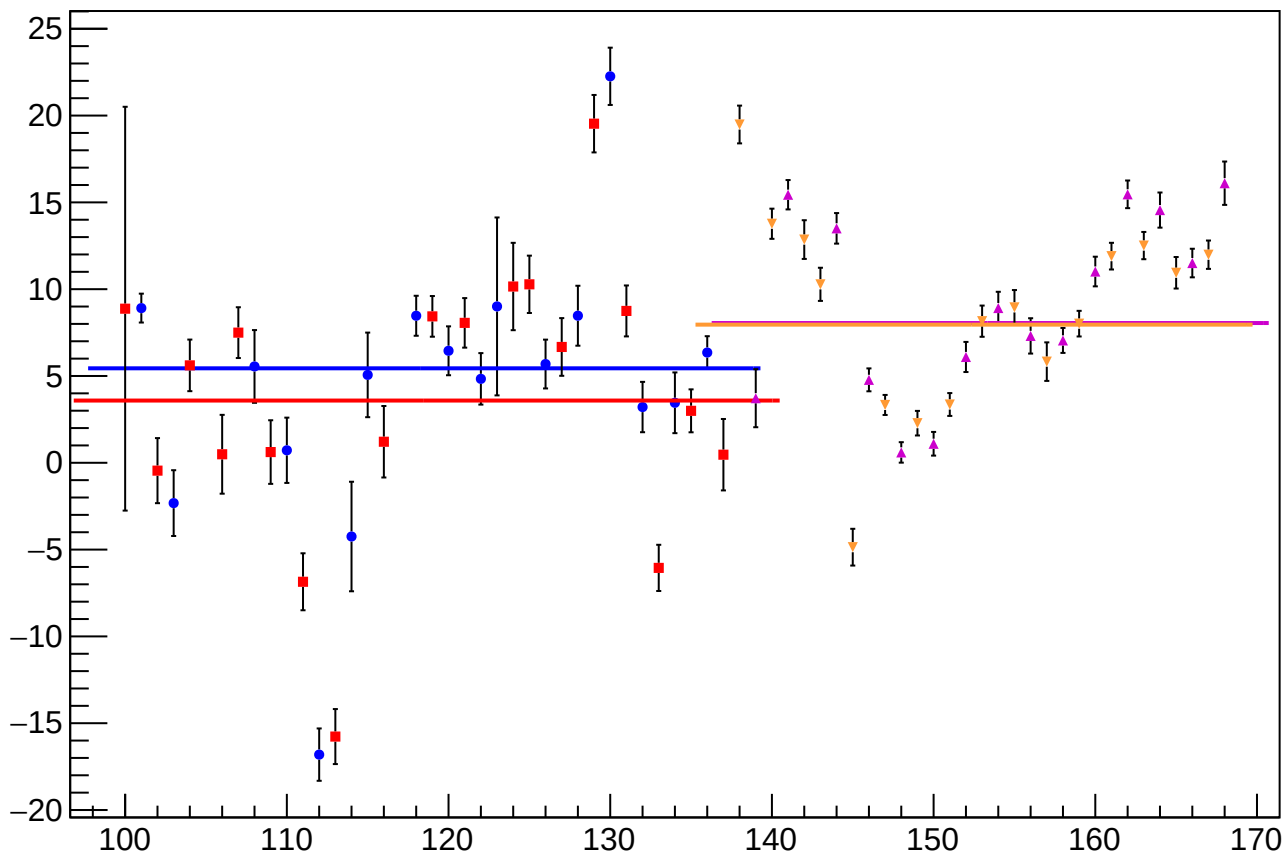
Left In: 61.776 $\pm$ 0.253 χ^2 /NDF:1146.2/14

+ sign 64.199 $\pm$ 0.230 χ^2 /NDF: 3863.6/32

All: 64.536 $\pm$ 0.163 χ^2 /NDF: 7564.7/66

- sign 64.881 $\pm$ 0.232 χ^2 /NDF: 3696.7/33

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 $\pm$ 0.357 χ^2/NDF : 387.5/16

Left Out: 7.958 $\pm$ 0.208 χ^2/NDF : 606.2/15

Right Out: 3.585 $\pm$ 0.375 χ^2/NDF : 423.2/18

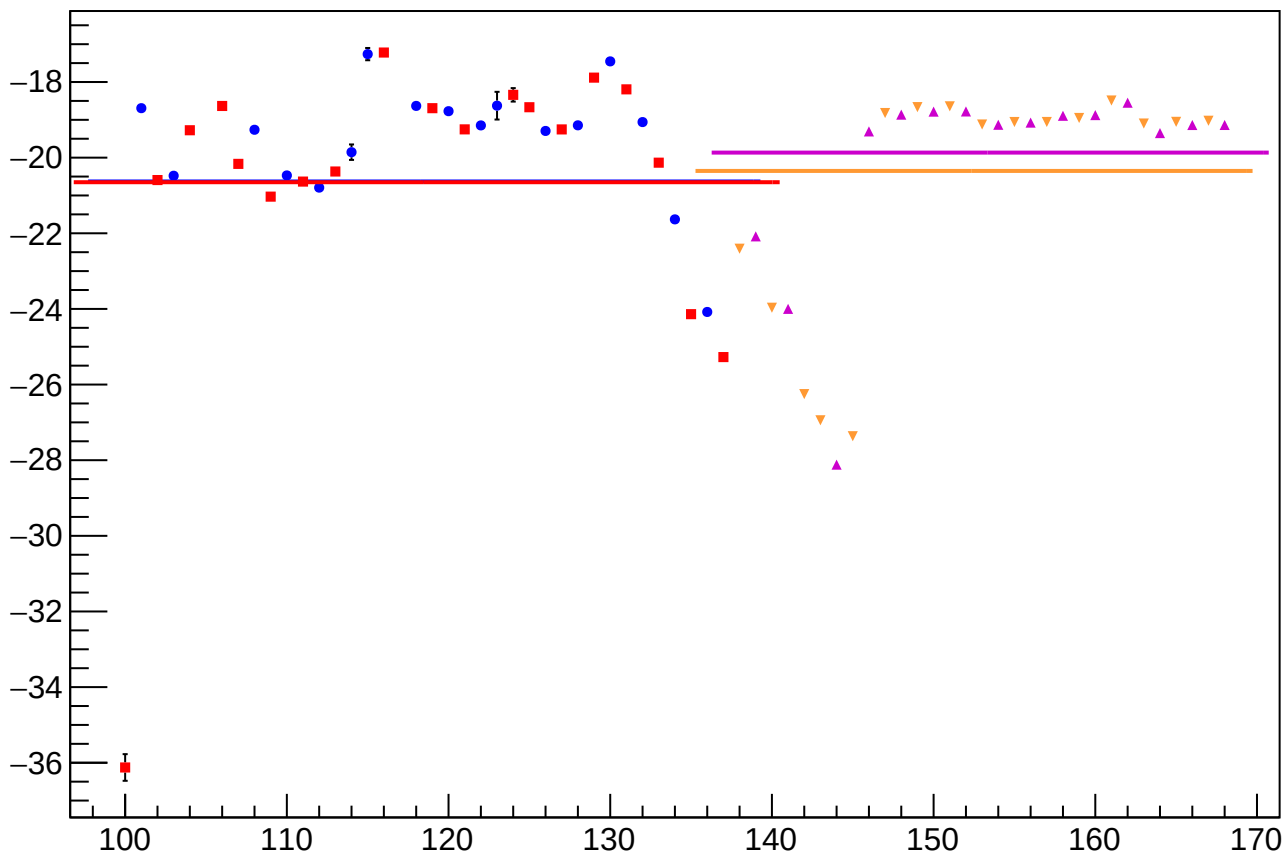
Left In: 8.050 $\pm$ 0.214 χ^2/NDF : 617.7/14

+ sign 7.322 $\pm$ 0.180 χ^2/NDF : 1030.7/32

All: 7.144 $\pm$ 0.129 χ^2/NDF : 2180.4/66

- sign 6.953 $\pm$ 0.186 χ^2/NDF : 1147.7/33

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -20.351 ± 0.010 $\chi^2/\text{NDF}: 77928.7/15$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

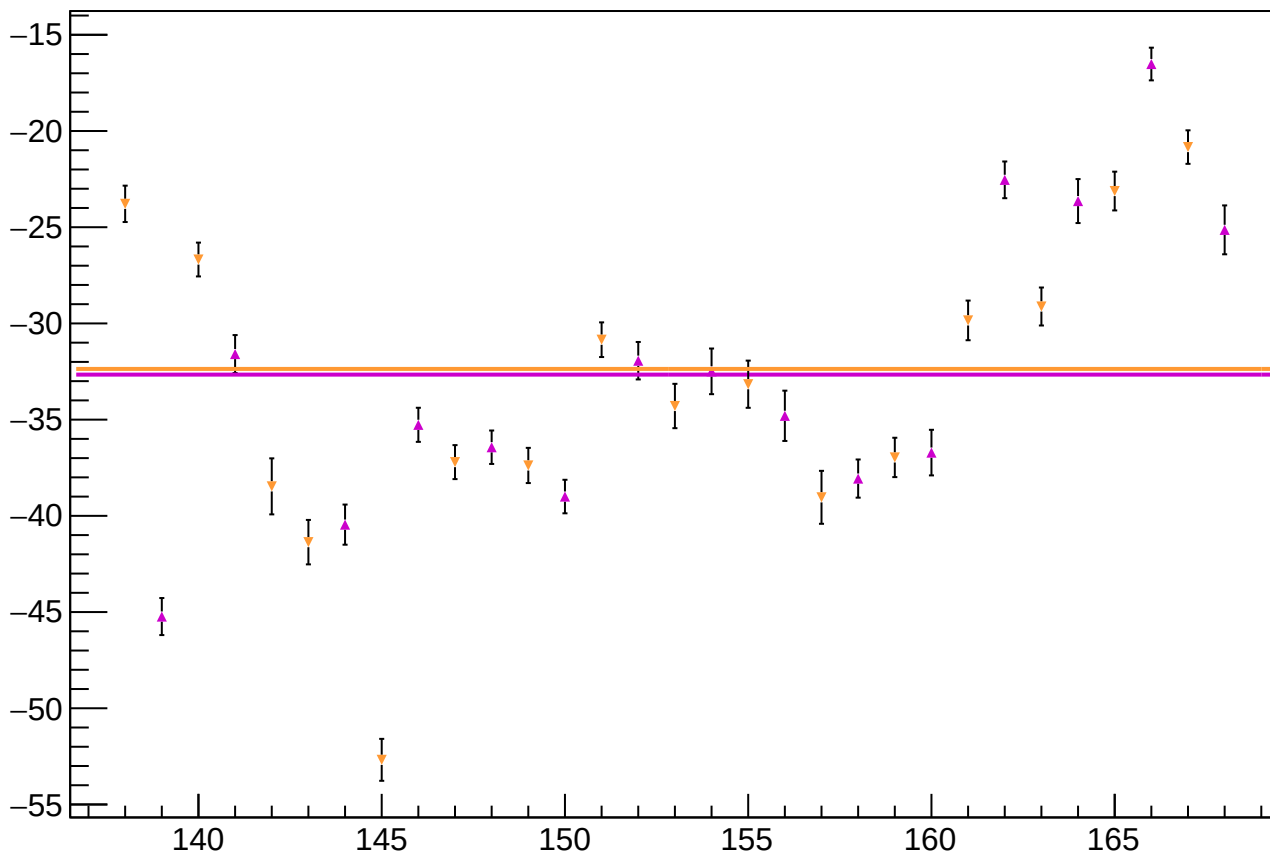
Left In: -19.866 ± 0.010 $\chi^2/\text{NDF}: 48892.2/14$

+ sign -20.410 ± 0.009 $\chi^2/\text{NDF}: 90584.6/32$

All: -20.222 ± 0.006 $\chi^2/\text{NDF}: 155548.4/66$

- sign -20.032 ± 0.009 $\chi^2/\text{NDF}: 64059.5/33$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.364+/-0.255 χ^2/NDF : 936.3/15

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

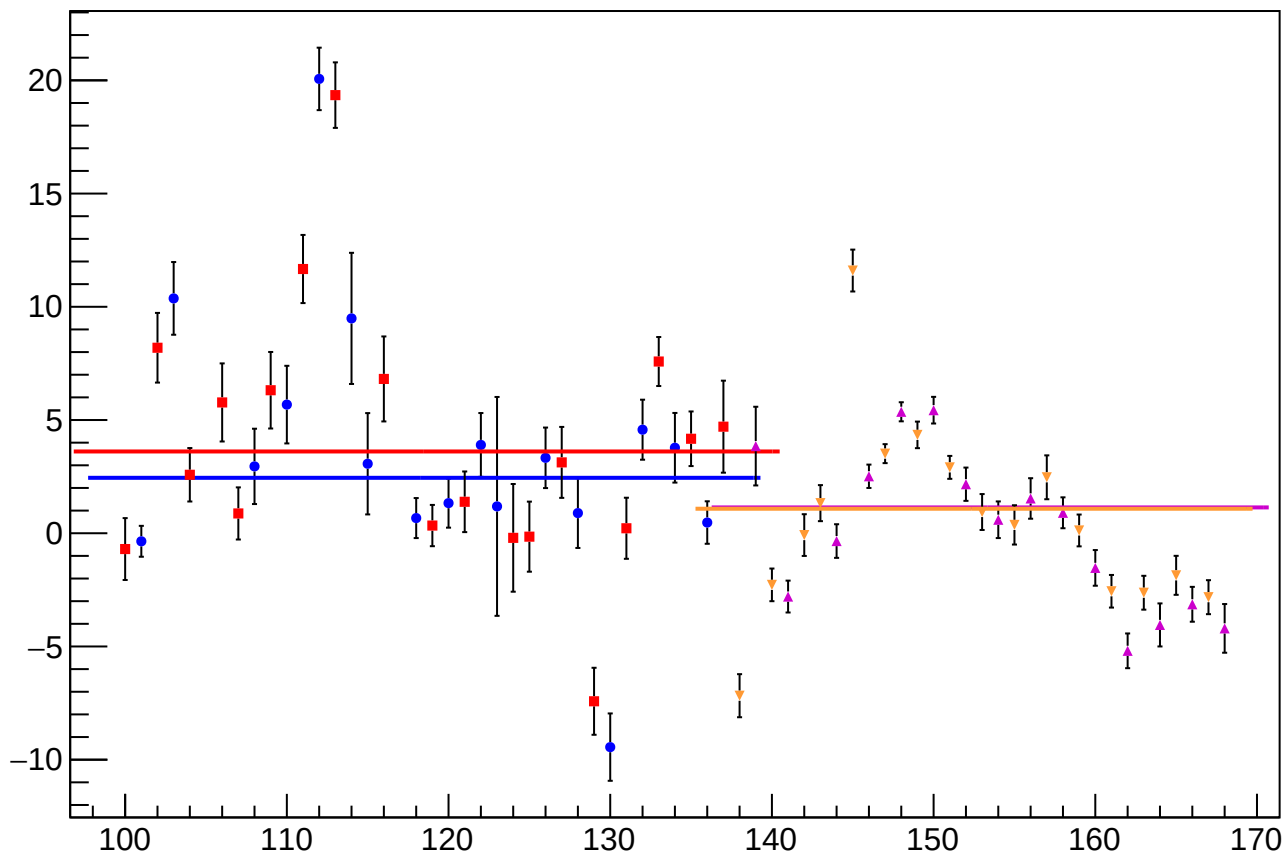
Left In: -32.660+/-0.259 χ^2/NDF : 923.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.510+/-0.182 χ^2/NDF : 1860.6/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 1.082 ± 0.176 χ^2/NDF : 399.4/15

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

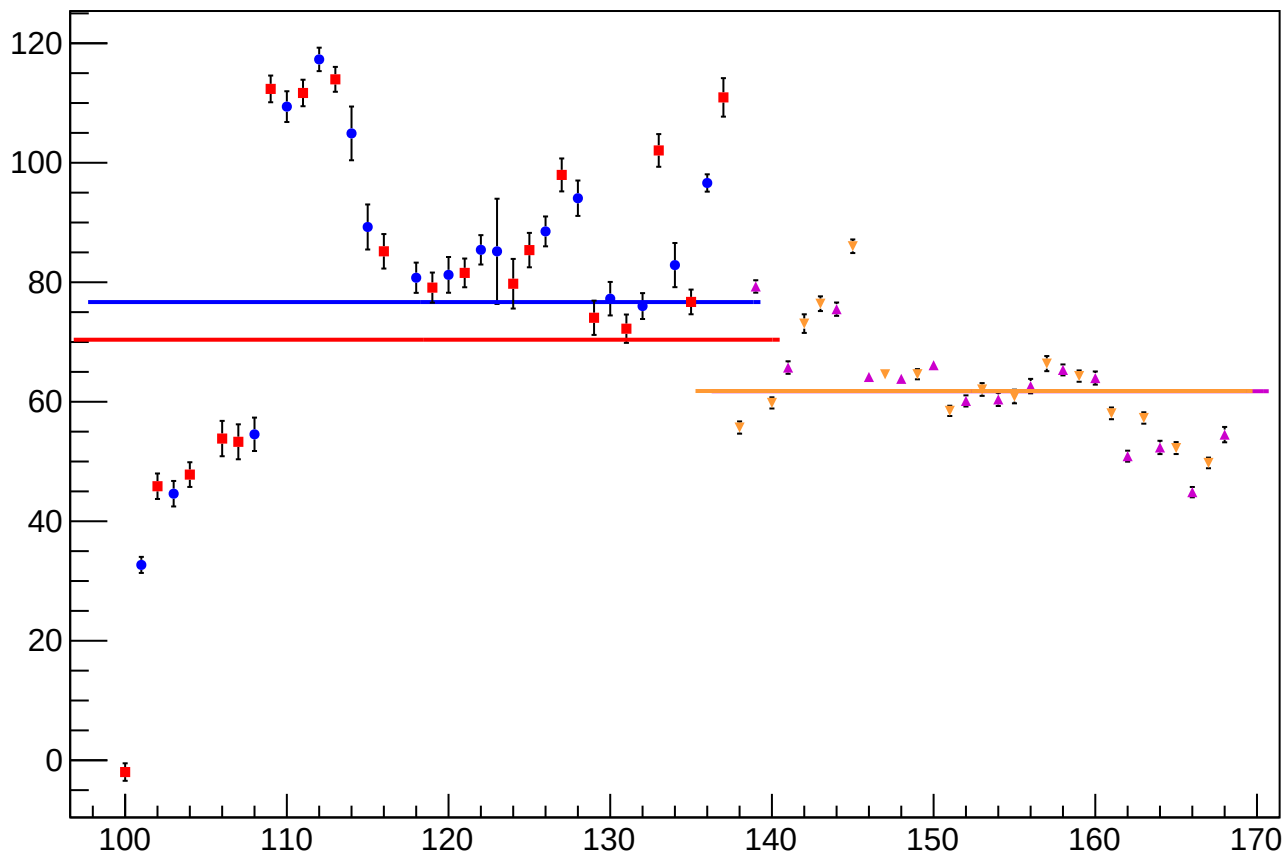
Left In: 1.140 ± 0.182 χ^2/NDF : 366.3/14

+ sign 1.413 ± 0.153 χ^2/NDF : 707.4/32

All: 1.576 ± 0.110 χ^2/NDF : 1400.9/66

- sign 1.749 ± 0.158 χ^2/NDF : 691.2/33

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 61.800 $\pm$ 0.251 χ^2 /NDF:1054.4/15

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

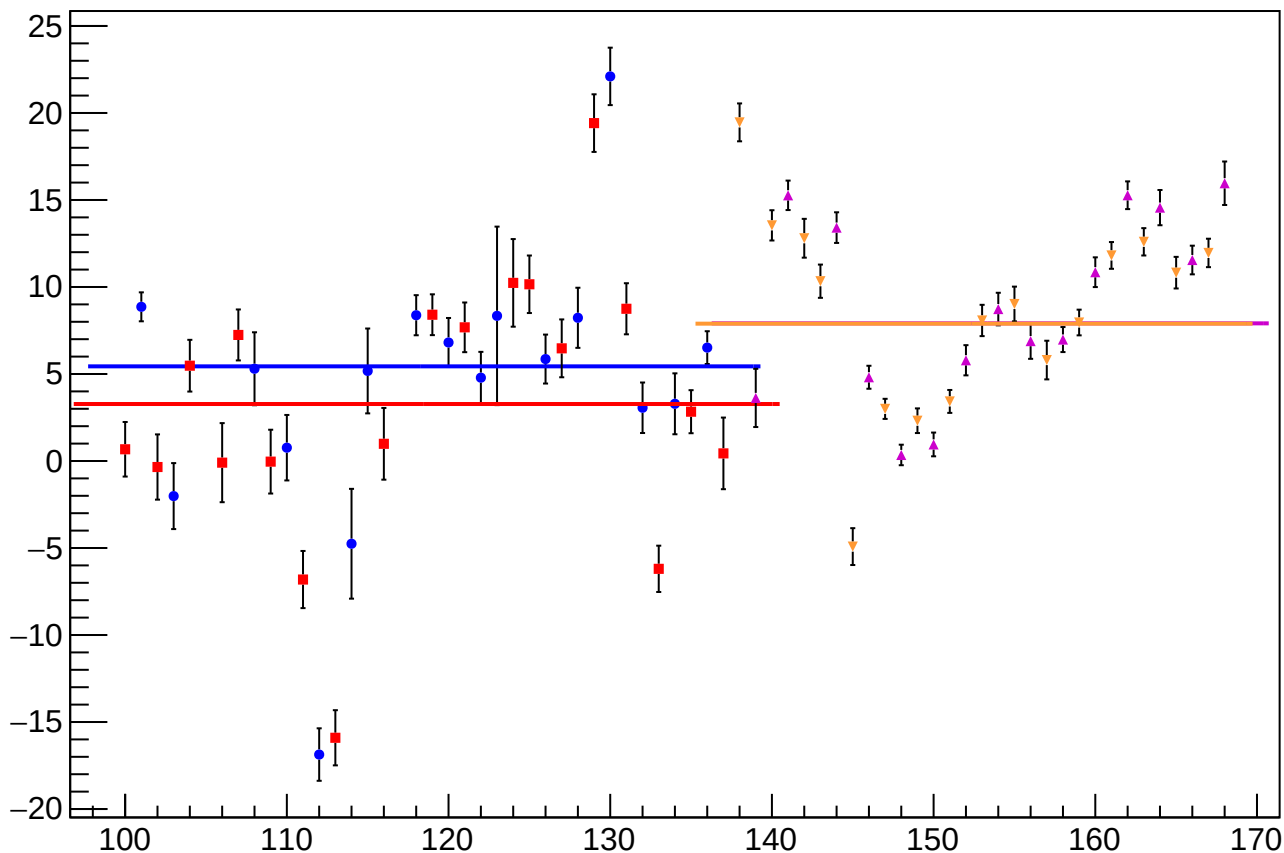
Left In: 61.764 $\pm$ 0.253 χ^2 /NDF:1141.1/14

+ sign 64.190 $\pm$ 0.230 χ^2 /NDF: 3885.0/32

All: 63.729 $\pm$ 0.162 χ^2 /NDF: 9628.2/66

- sign 63.269 $\pm$ 0.230 χ^2 /NDF: 5735.2/33

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 χ^2/NDF : 385.9/16

Left Out: 7.892 ± 0.208 χ^2/NDF : 609.2/15

Right Out: 3.275 ± 0.365 χ^2/NDF : 425.8/18

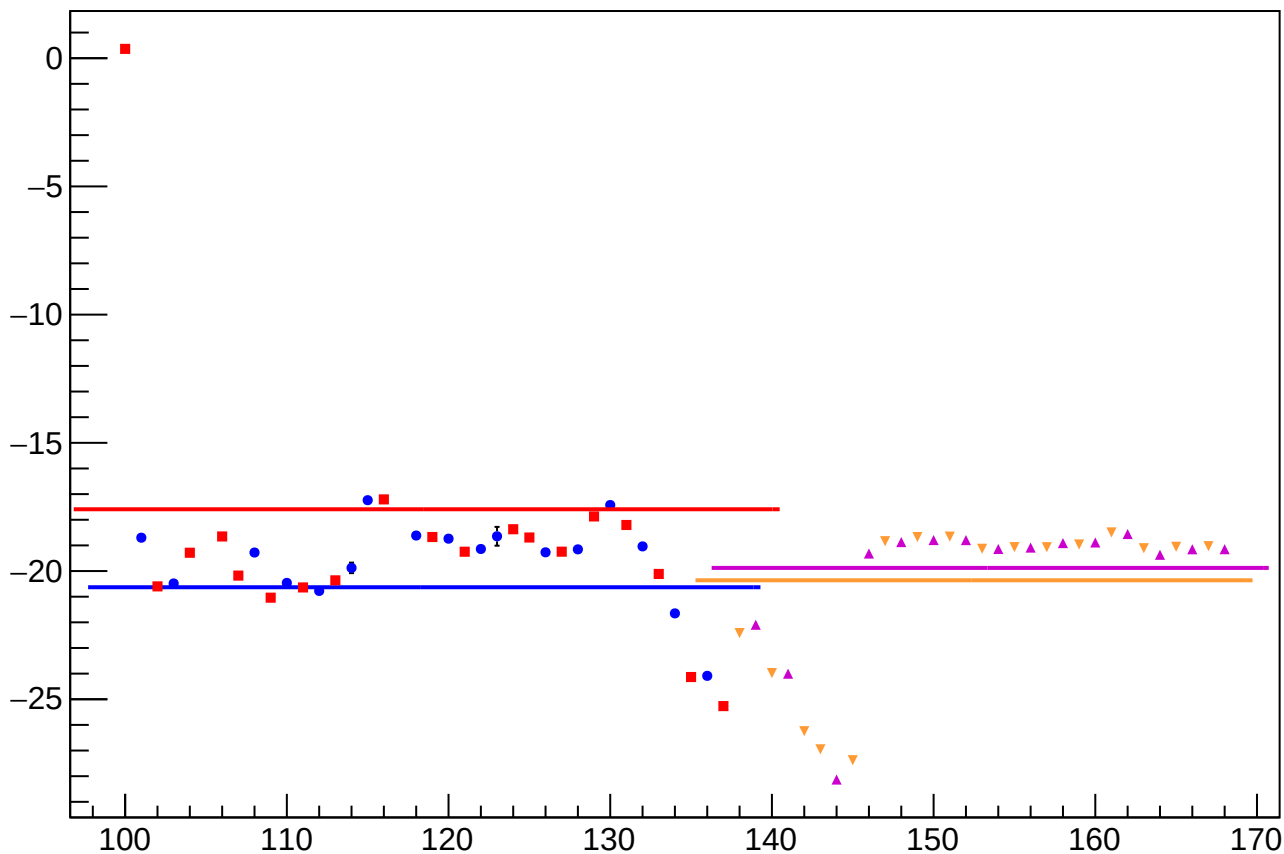
Left In: 7.910 ± 0.214 χ^2/NDF : 622.5/14

+ sign 7.273 ± 0.180 χ^2/NDF : 1030.3/32

All: 7.006 ± 0.129 χ^2/NDF : 2202.8/66

- sign 6.723 ± 0.185 χ^2/NDF : 1168.0/33

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -20.361 ± 0.010 $\chi^2/\text{NDF}: 77790.2/15$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

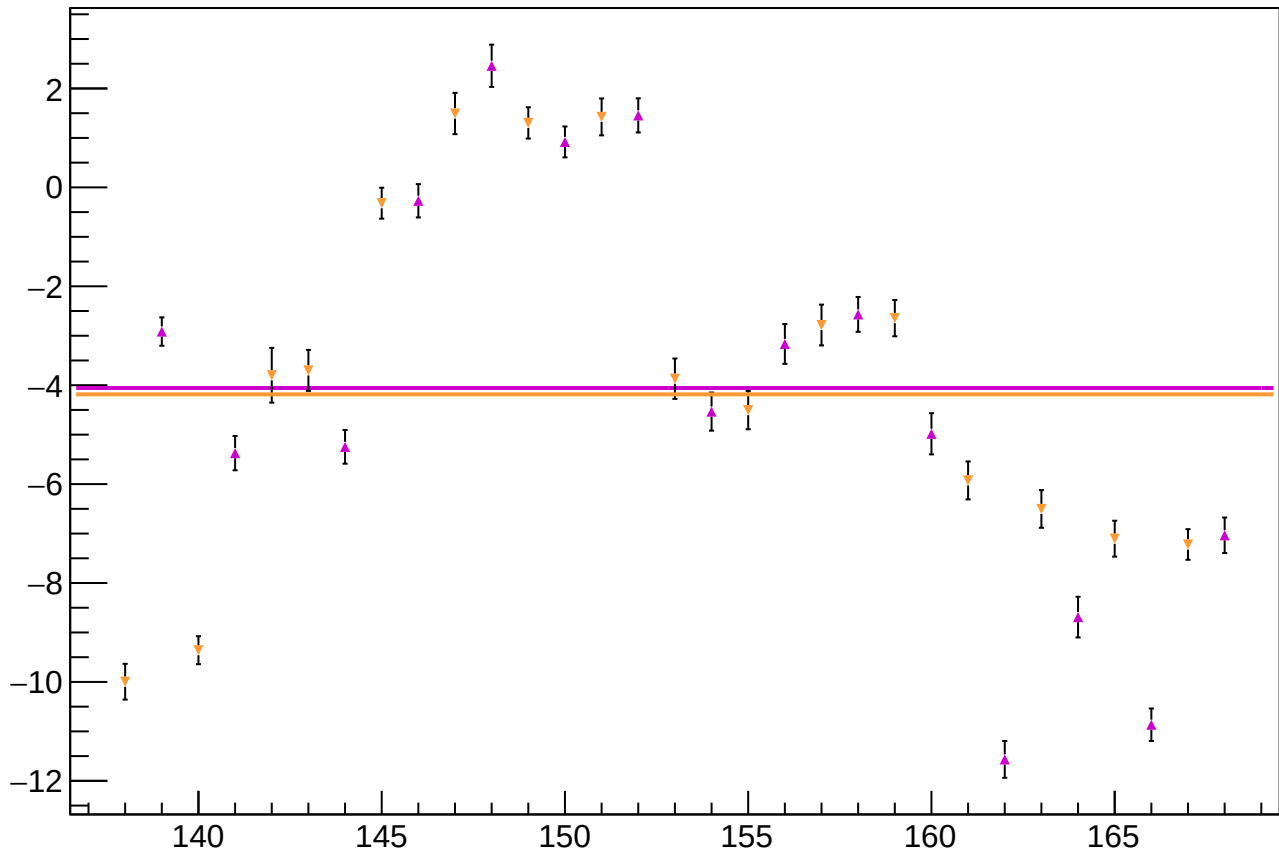
Left In: -19.878 ± 0.010 $\chi^2/\text{NDF}: 48818.8/14$

+ sign -20.418 ± 0.009 $\chi^2/\text{NDF}: 90476.5/32$

All: -19.870 ± 0.006 $\chi^2/\text{NDF}: 337795.1/66$

- sign -19.334 ± 0.009 $\chi^2/\text{NDF}: 239785.1/33$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -4.185+/-0.091 χ^2/NDF : 1707.0/15

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

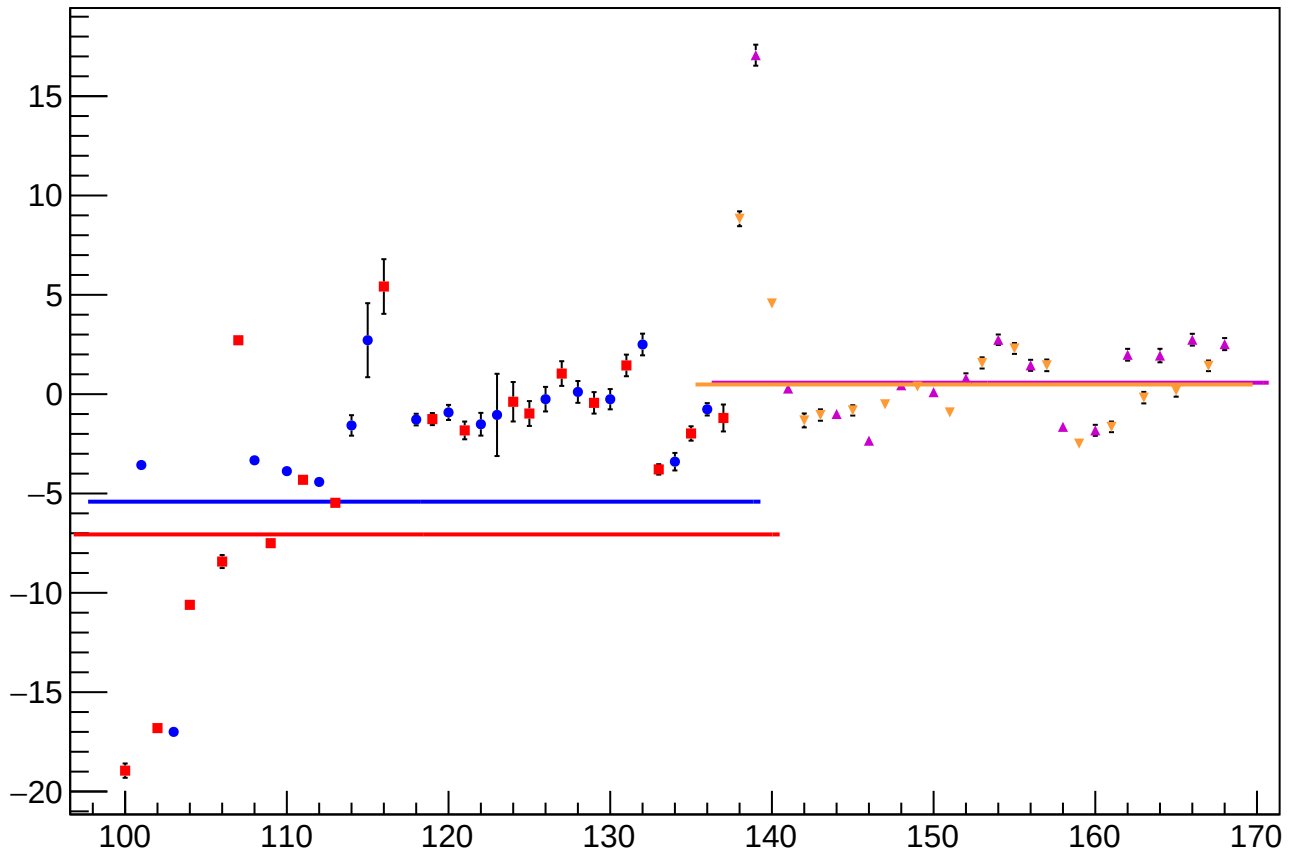
Left In: -4.057+/-0.092 χ^2/NDF : 1972.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.121+/-0.065 χ^2/NDF : 3680.9/30

- 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: 0.486 ± 0.066 χ^2/NDF : 1233.8/15

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

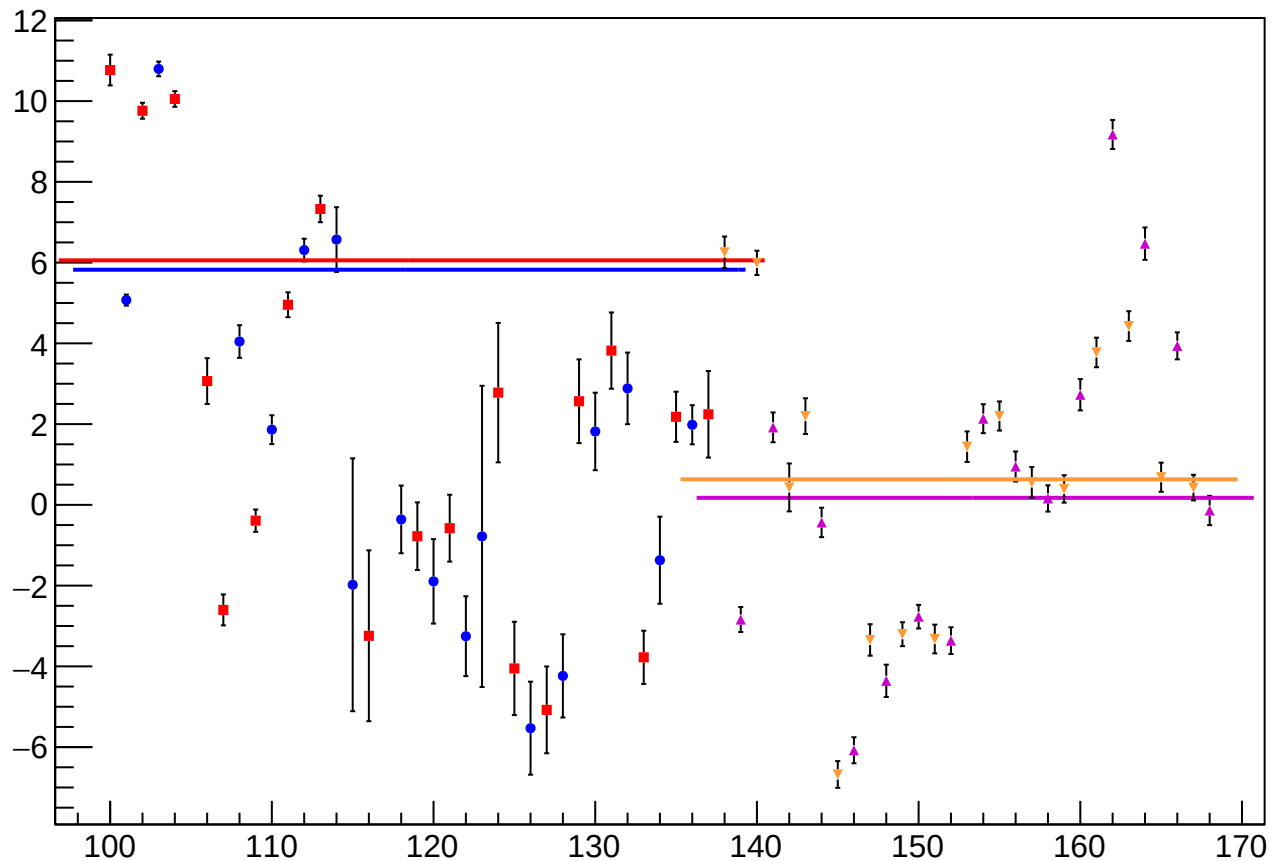
Left In: 0.577 ± 0.068 χ^2/NDF : 1575.2/14

+ sign -2.988 ± 0.042 χ^2/NDF : 15263.8/32

All: -3.355 ± 0.031 χ^2/NDF : 36543.9/66

- sign -3.768 ± 0.045 χ^2/NDF : 21117.8/33

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: 0.632 ± 0.090 $\chi^2/\text{NDF}: 1623.3/15$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

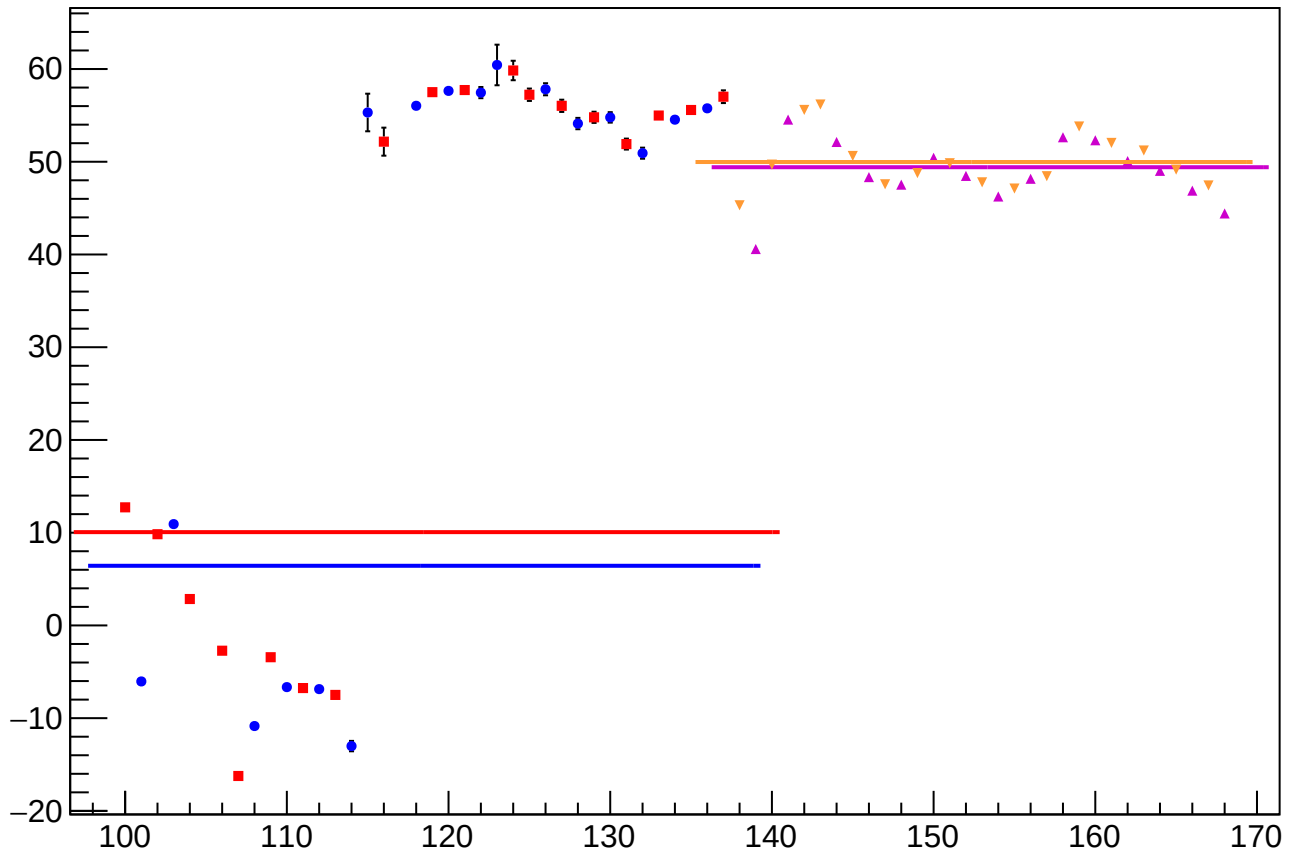
Left In: 0.174 ± 0.090 $\chi^2/\text{NDF}: 1922.3/14$

+ sign 3.243 ± 0.064 $\chi^2/\text{NDF}: 4745.8/32$

All: 3.127 ± 0.045 $\chi^2/\text{NDF}: 11403.3/66$

- sign 3.007 ± 0.065 $\chi^2/\text{NDF}: 6650.8/33$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 49.972 ± 0.076 χ^2/NDF : 1236.2/15

Right Out: 10.060 ± 0.070 χ^2/NDF : 121816.0/18

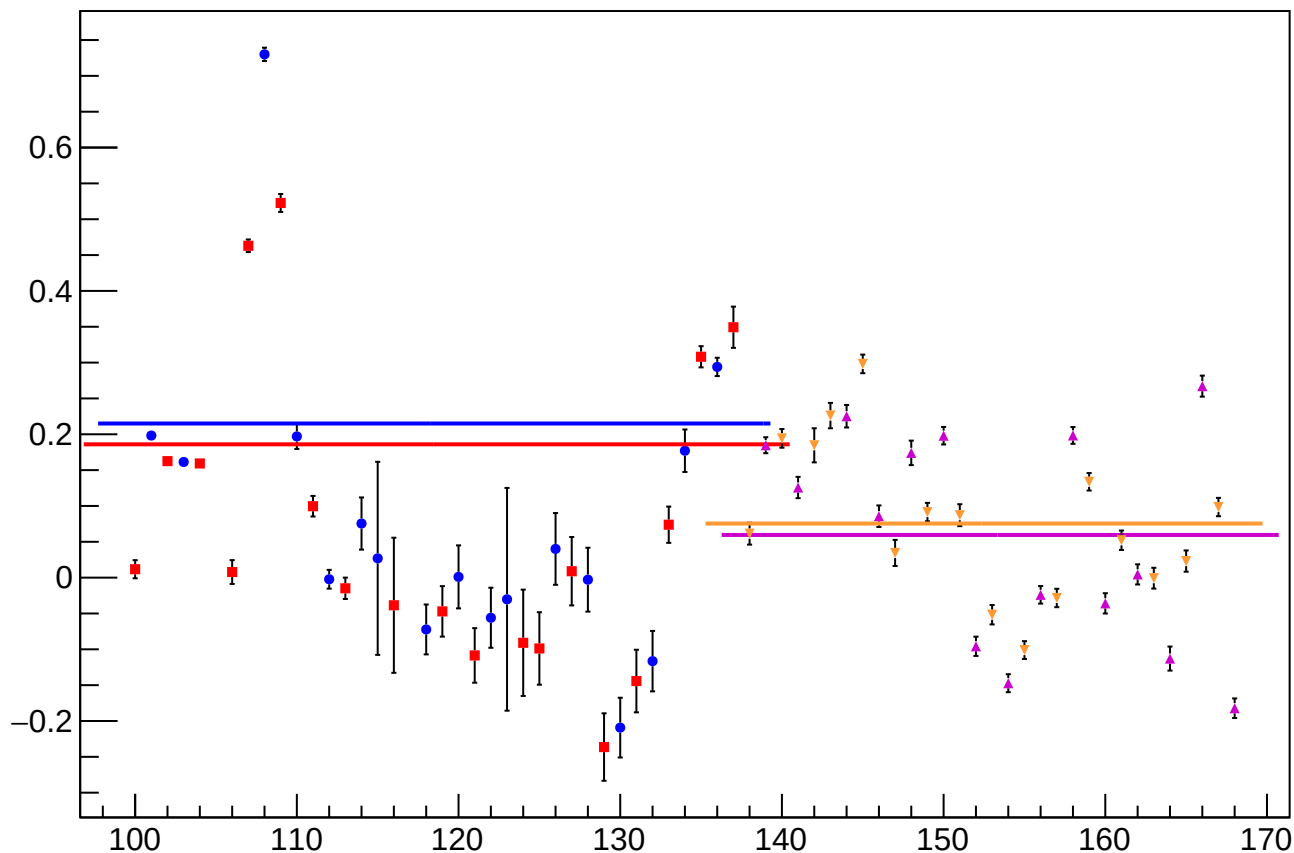
Left In: 49.410 ± 0.078 χ^2/NDF : 1412.9/14

+ sign 24.697 ± 0.049 χ^2/NDF : 314705.7/32

All: 26.014 ± 0.036 χ^2/NDF : 580402.6/66

- sign 27.483 ± 0.052 χ^2/NDF : 264187.2/33

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: 0.075 $\pm$ 0.004 χ^2 /NDF: 904.8/15

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

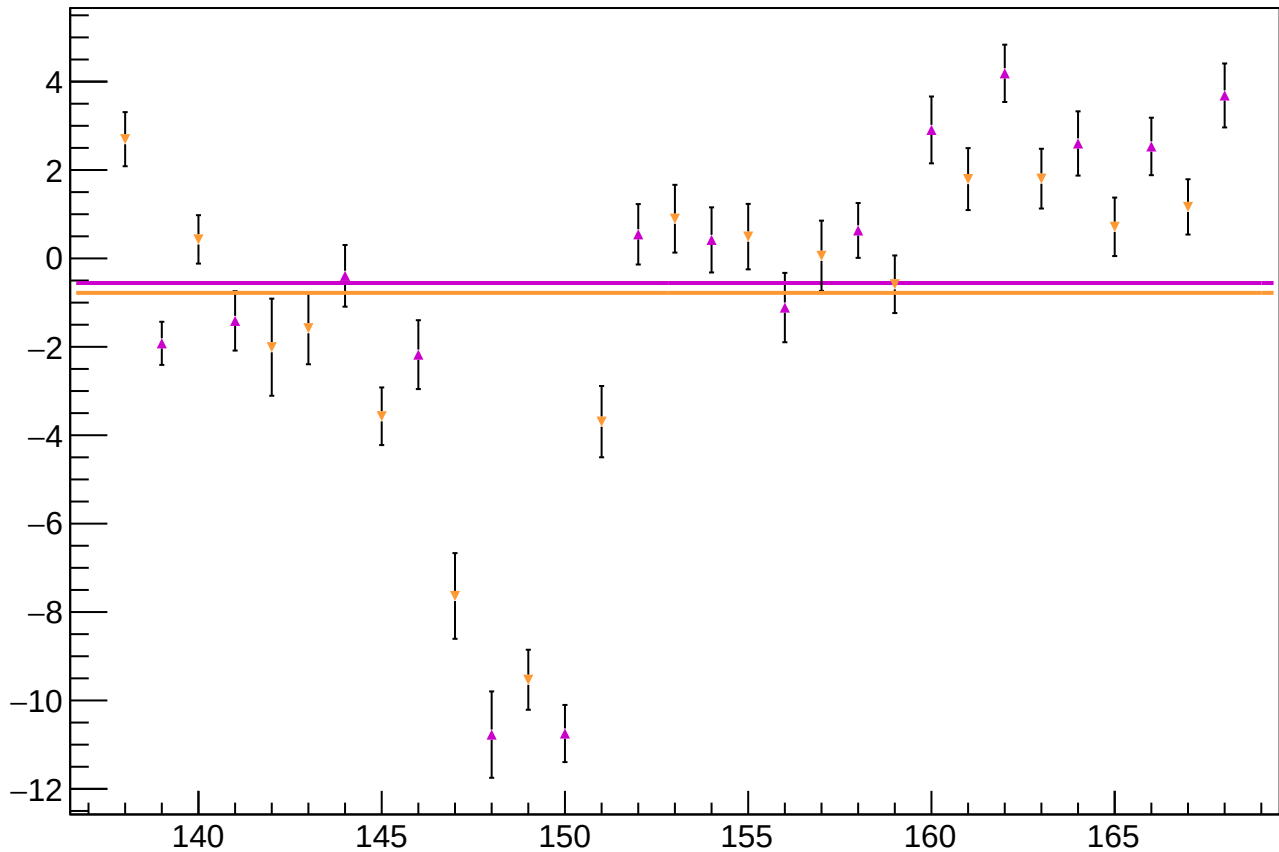
Left In: 0.060 $\pm$ 0.004 χ^2 /NDF: 1708.4/14

+ sign 0.162 $\pm$ 0.002 χ^2 /NDF: 5800.9/32

All: 0.150 $\pm$ 0.002 χ^2 /NDF: 11099.3/66

- sign 0.139 $\pm$ 0.002 χ^2 /NDF: 5243.8/33

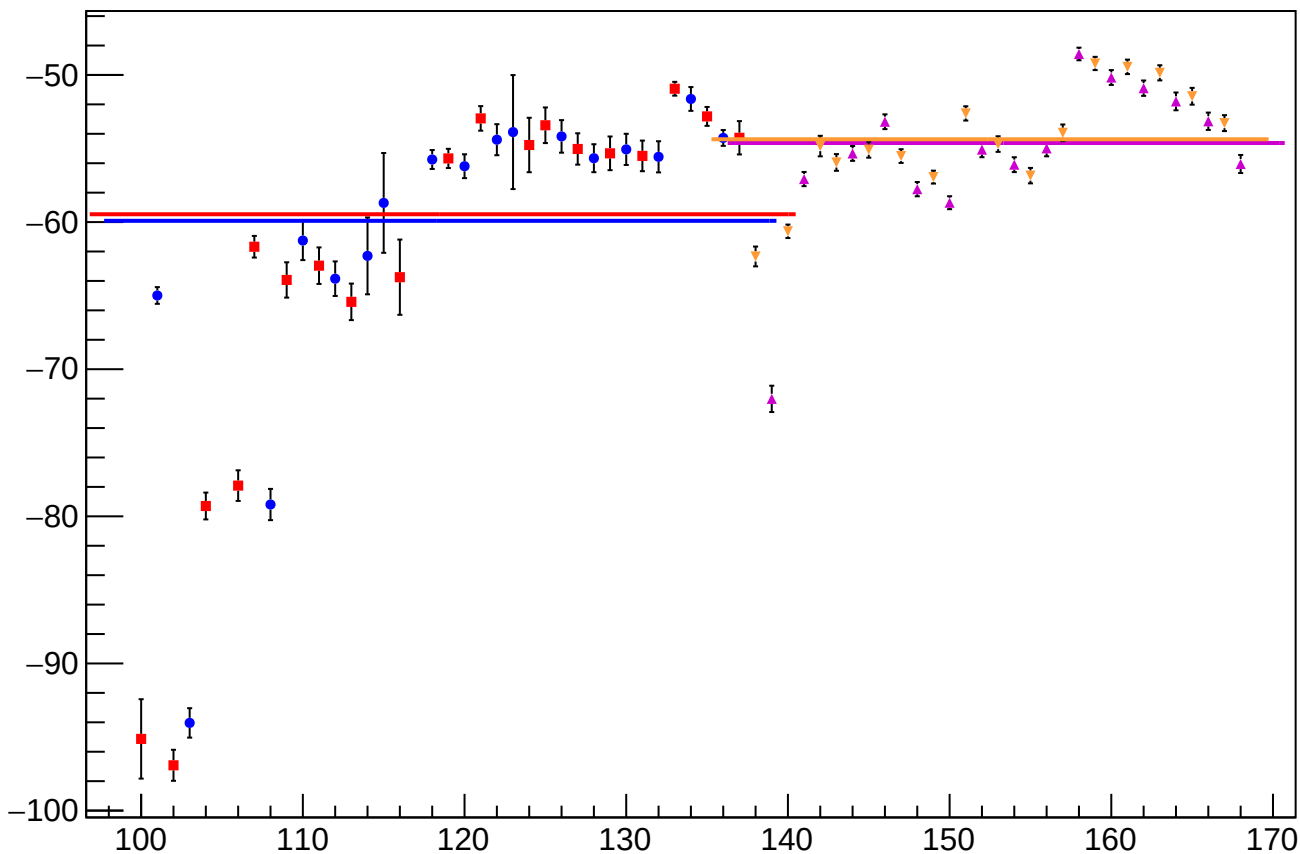
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.779 $\pm$ 0.177 χ^2 /NDF:338.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.556 $\pm$ 0.177 χ^2 /NDF:530.5/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.667 $\pm$ 0.125 χ^2 /NDF: 870.1/30
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -54.371 ± 0.130 χ^2/NDF : 751.7/15

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

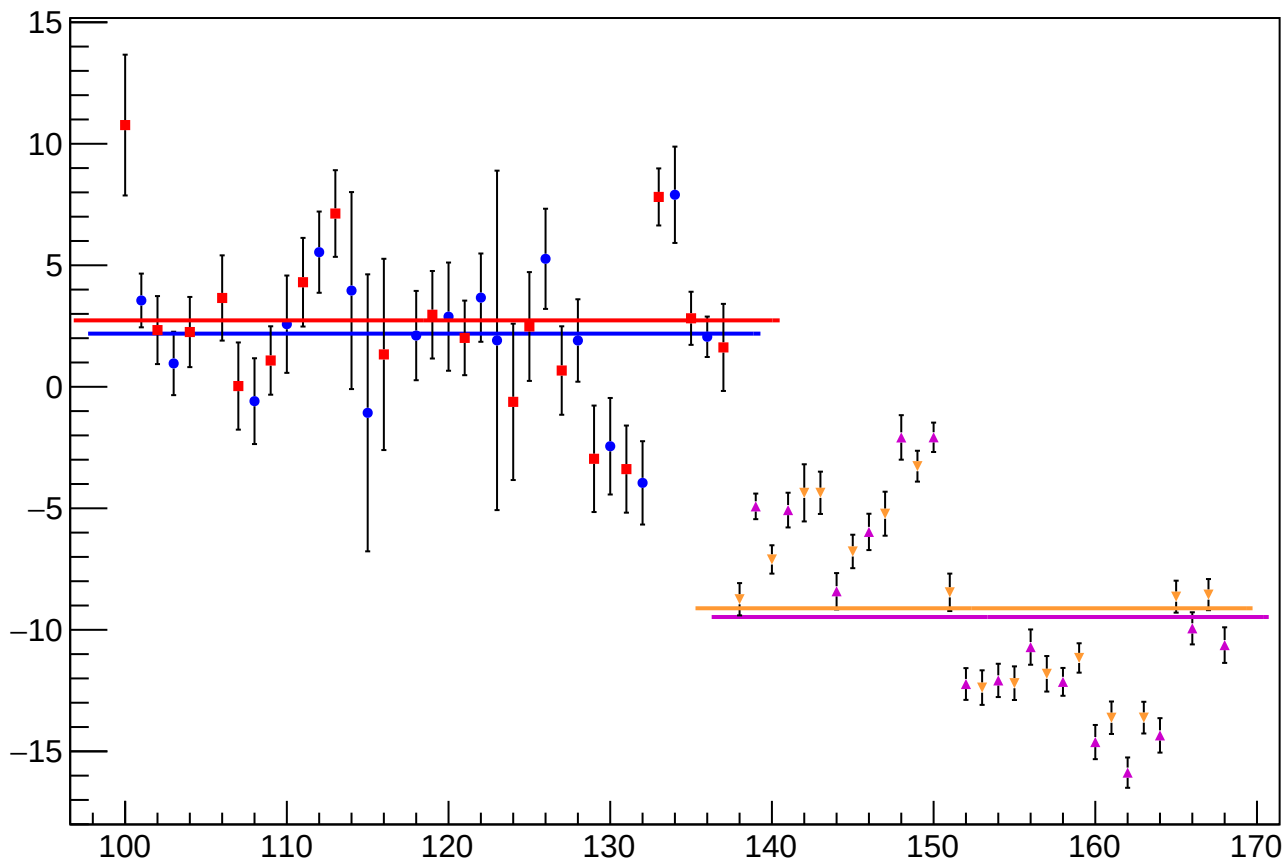
Left In: -54.625 ± 0.135 χ^2/NDF : 911.4/14

+ sign -55.777 ± 0.112 χ^2/NDF : 3192.5/32

All: -55.895 ± 0.080 χ^2/NDF : 7390.5/66

- sign -56.015 ± 0.114 χ^2/NDF : 4195.8/33

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 $\pm$ 0.404 χ^2 /NDF: 39.1/16

Left Out: -9.113 $\pm$ 0.175 χ^2 /NDF: 334.1/15

Right Out: 2.733 $\pm$ 0.388 χ^2 /NDF: 58.9/18

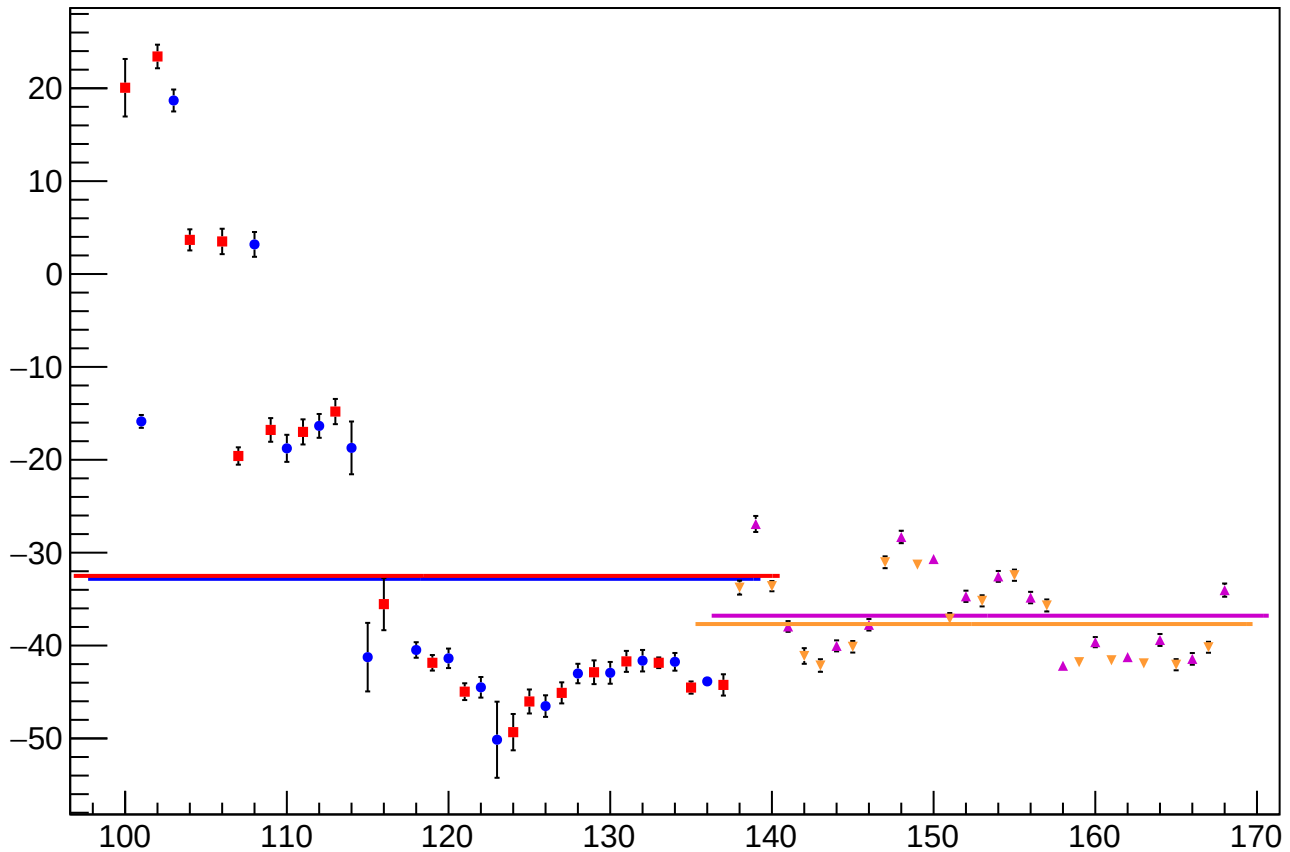
Left In: -9.473 $\pm$ 0.174 χ^2 /NDF: 617.0/14

+ sign -7.333 $\pm$ 0.160 χ^2 /NDF: 1032.2/32

All: -7.385 $\pm$ 0.113 χ^2 /NDF: 2534.3/66

- sign -7.435 $\pm$ 0.158 χ^2 /NDF: 1501.9/33

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: -37.685 ± 0.149 $\chi^2/\text{NDF}: 779.1/15$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

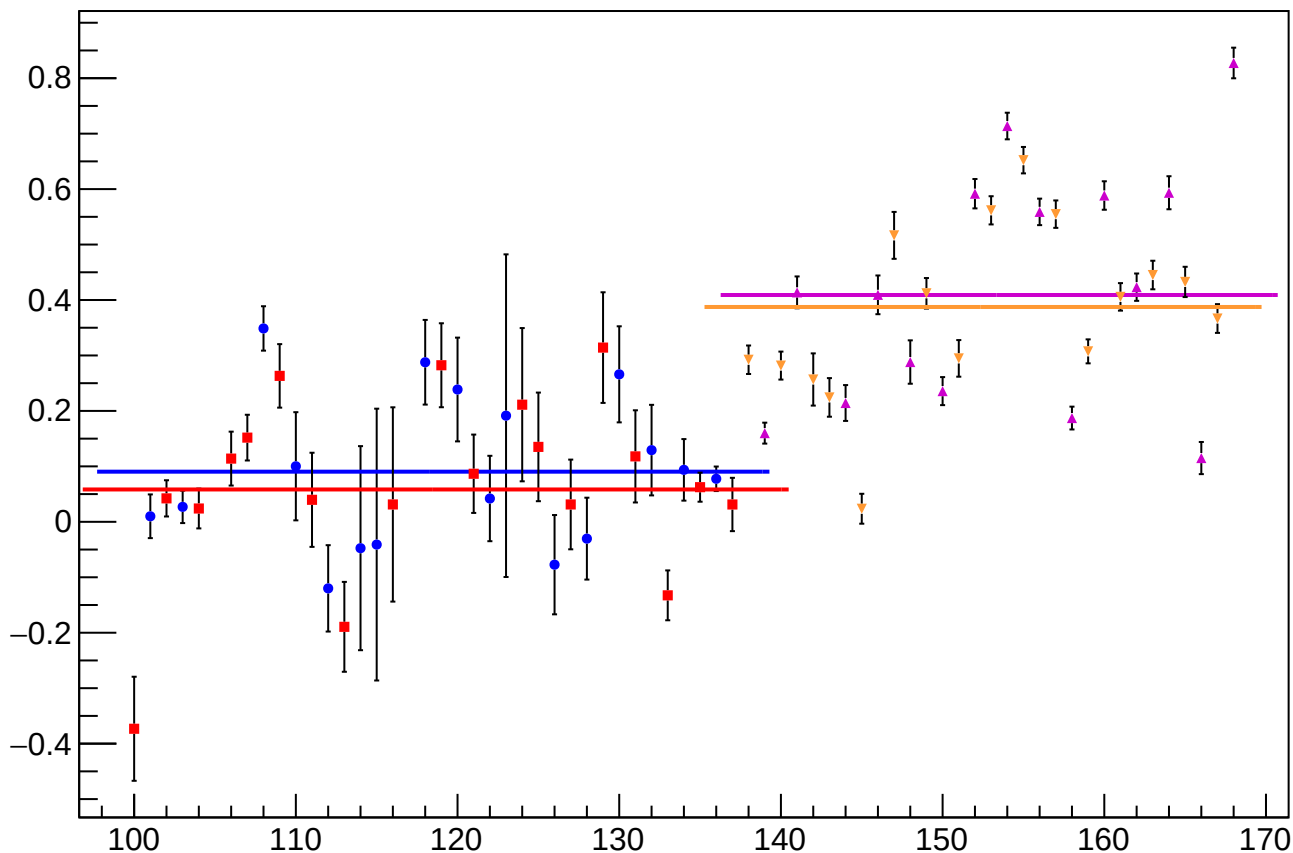
Left In: -36.787 ± 0.153 $\chi^2/\text{NDF}: 868.7/14$

+ sign -36.438 ± 0.129 $\chi^2/\text{NDF}: 5719.0/32$

All: -36.011 ± 0.091 $\chi^2/\text{NDF}: 12869.3/66$

- sign -35.577 ± 0.130 $\chi^2/\text{NDF}: 7128.1/33$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 79.2/16

Left Out: 0.387 ± 0.007 χ^2/NDF : 499.7/15

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.3/18

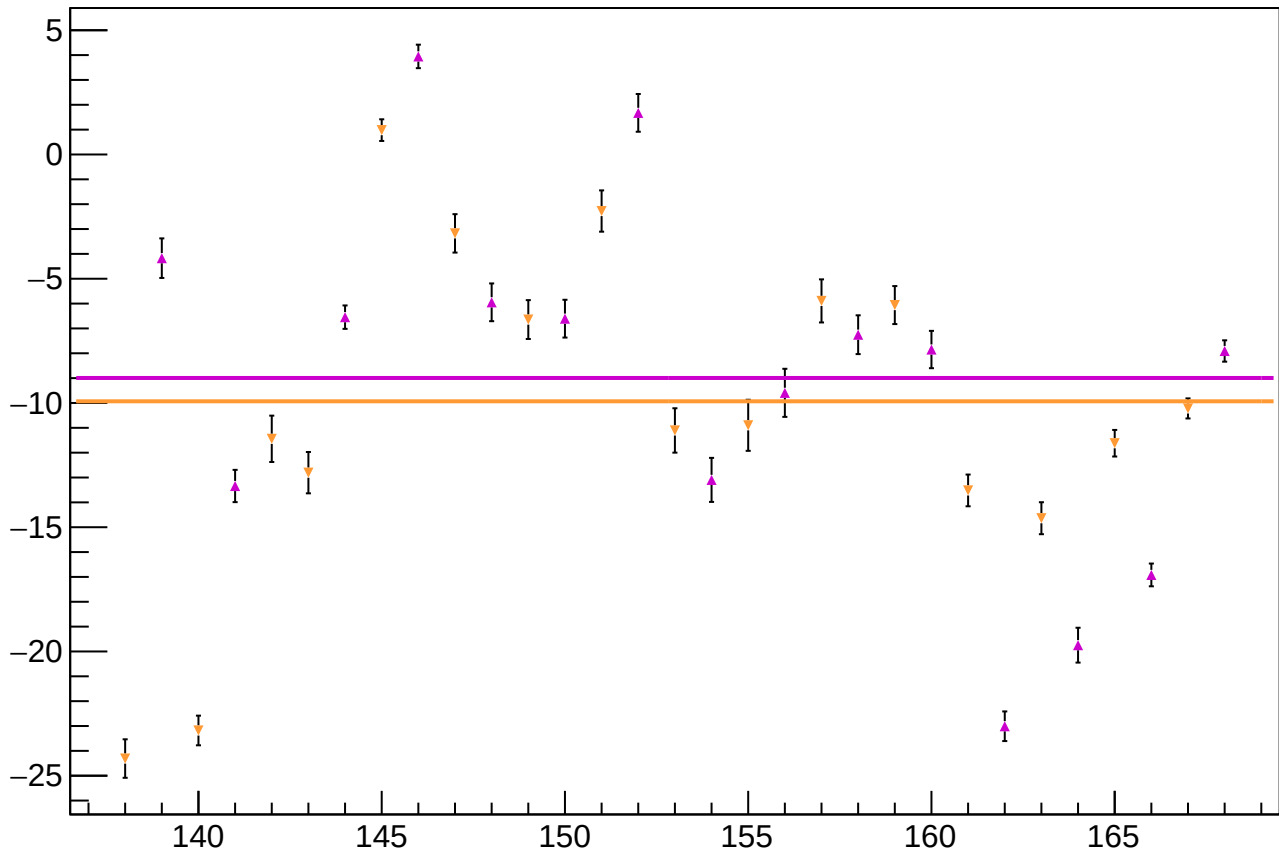
Left In: 0.409 ± 0.007 χ^2/NDF : 1051.7/14

+ sign 0.321 ± 0.006 χ^2/NDF : 1002.8/32

All: 0.324 ± 0.004 χ^2/NDF : 2780.2/66

- sign 0.327 ± 0.006 χ^2/NDF : 1777.0/33

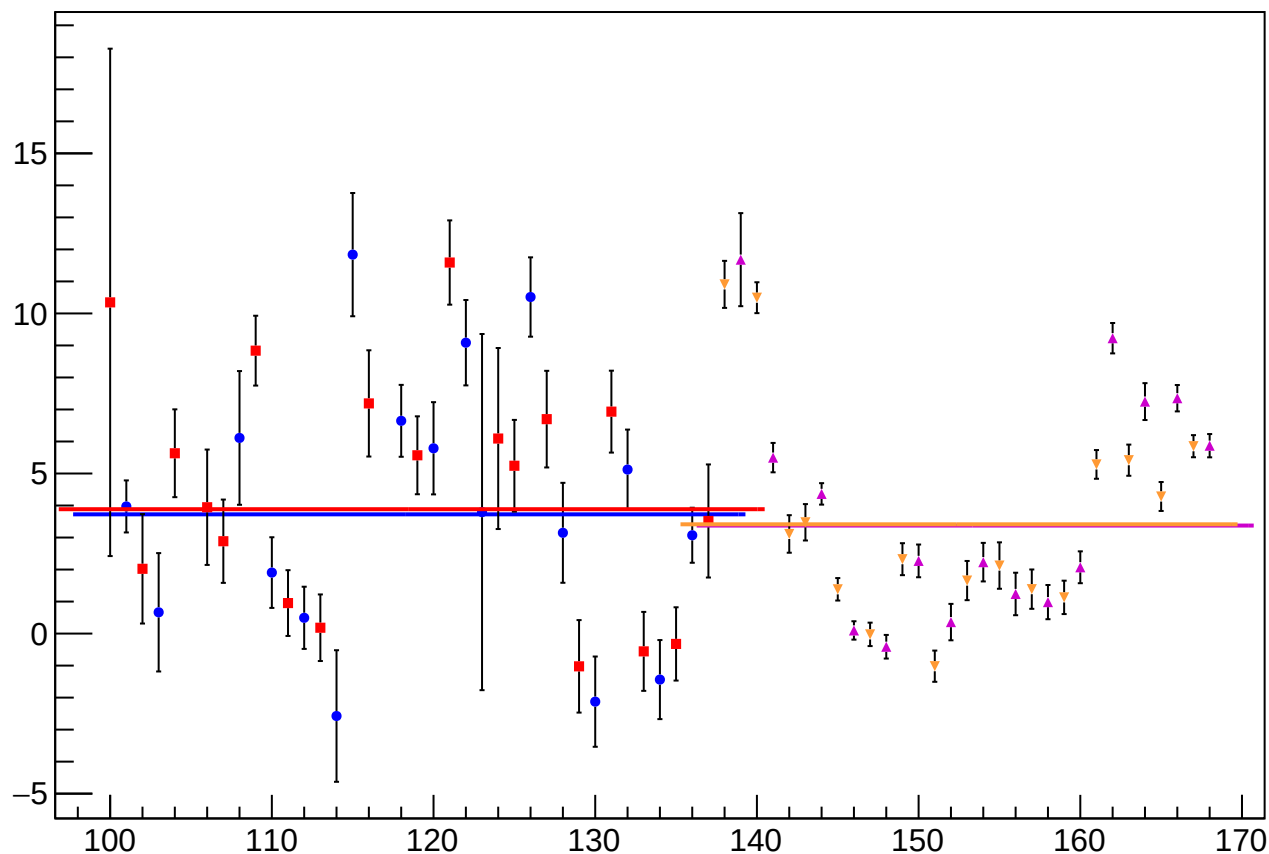
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.933 $\pm$ 0.165 χ^2 /NDF:1802.9/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.994 $\pm$ 0.160 χ^2 /NDF:2203.7/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -9.450 $\pm$ 0.115 χ^2 /NDF: 4023.3/30
 - 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 $\pm$ 0.308 χ^2 /NDF: 136.8/16

Left Out: 3.413 $\pm$ 0.120 χ^2 /NDF: 658.0/15

Right Out: 3.885 $\pm$ 0.316 χ^2 /NDF: 134.4/18

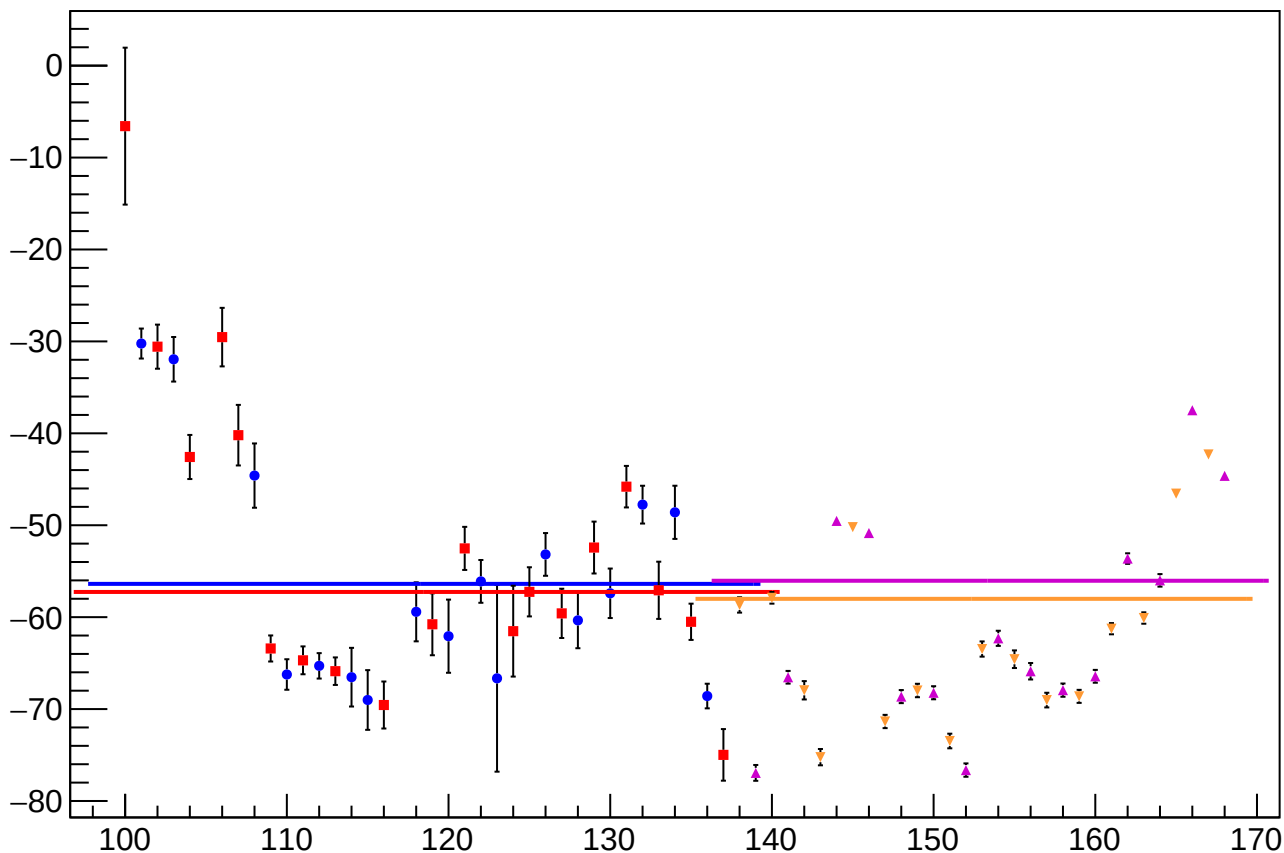
Left In: 3.374 $\pm$ 0.116 χ^2 /NDF: 709.3/14

+ sign 3.454 $\pm$ 0.112 χ^2 /NDF: 795.6/32

All: 3.444 $\pm$ 0.078 χ^2 /NDF: 1641.6/66

- sign 3.435 $\pm$ 0.109 χ^2 /NDF: 846.0/33

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 $\chi^2/\text{NDF}: 587.4/16$

Left Out: -58.007 ± 0.164 $\chi^2/\text{NDF}: 4118.9/15$

Right Out: -57.258 ± 0.536 $\chi^2/\text{NDF}: 476.1/18$

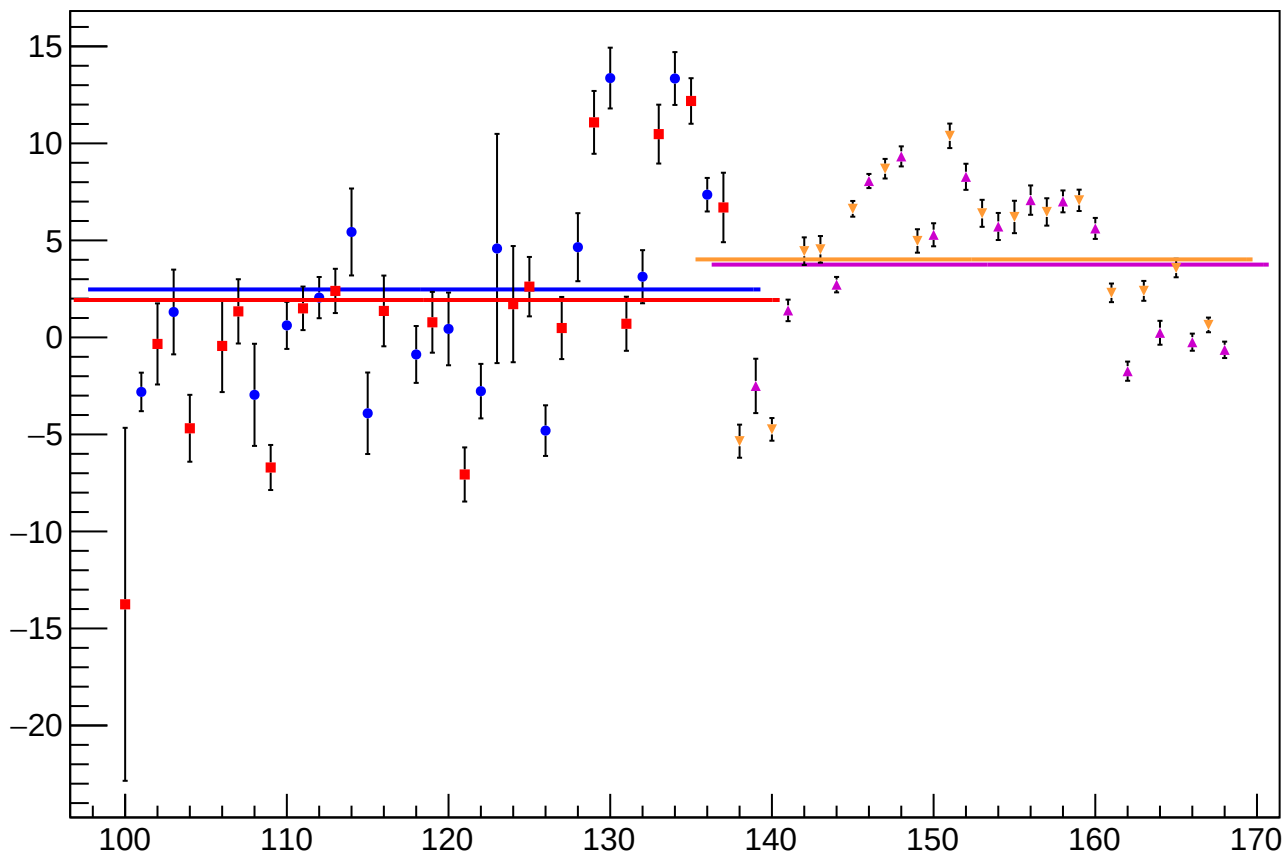
Left In: -56.040 ± 0.158 $\chi^2/\text{NDF}: 5492.0/14$

+ sign -57.869 ± 0.157 $\chi^2/\text{NDF}: 4714.5/32$

All: -56.973 ± 0.109 $\chi^2/\text{NDF}: 10749.9/66$

- sign -56.138 ± 0.152 $\chi^2/\text{NDF}: 5972.8/33$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 4.020 ± 0.139 χ^2/NDF : 742.3/15

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

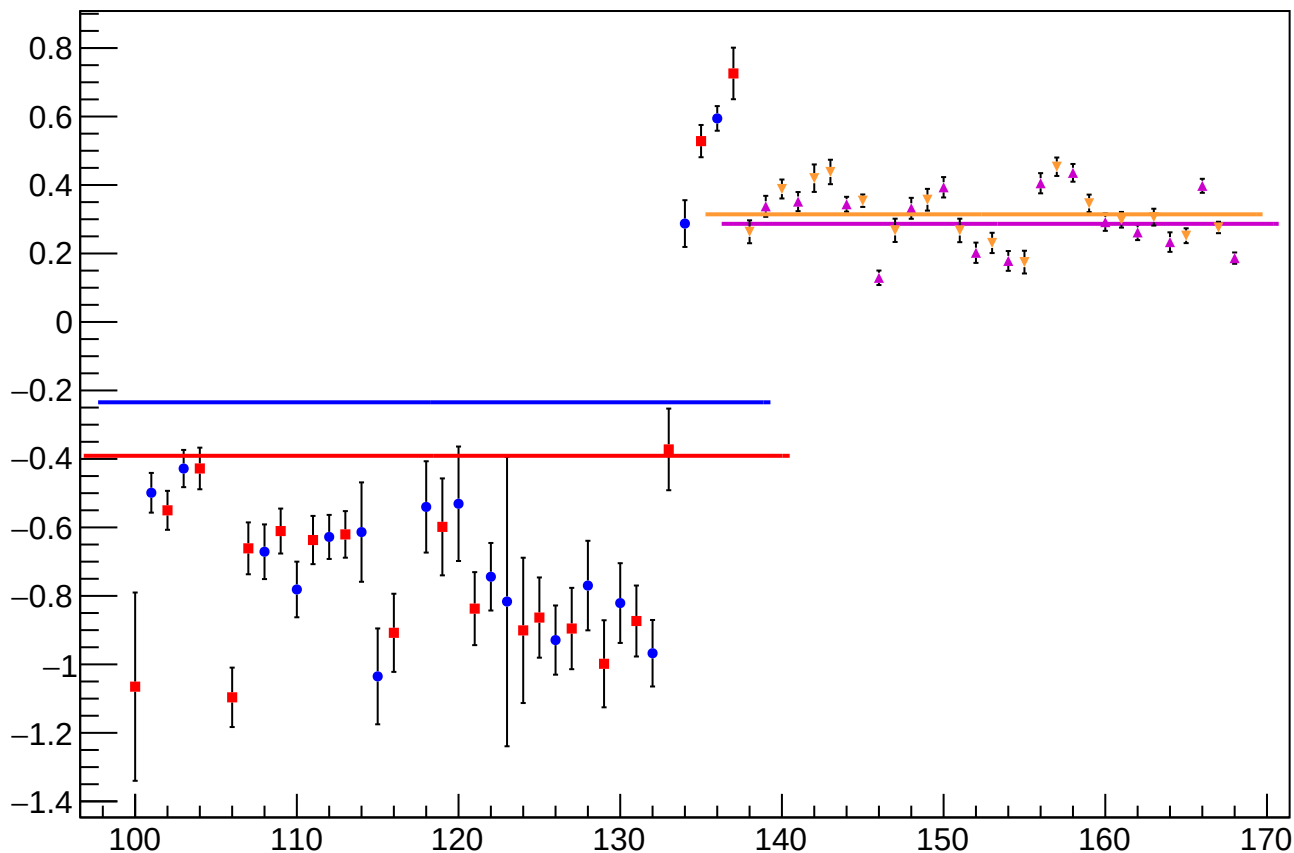
Left In: 3.752 ± 0.136 χ^2/NDF : 771.1/14

+ sign 3.806 ± 0.129 χ^2/NDF : 1003.2/32

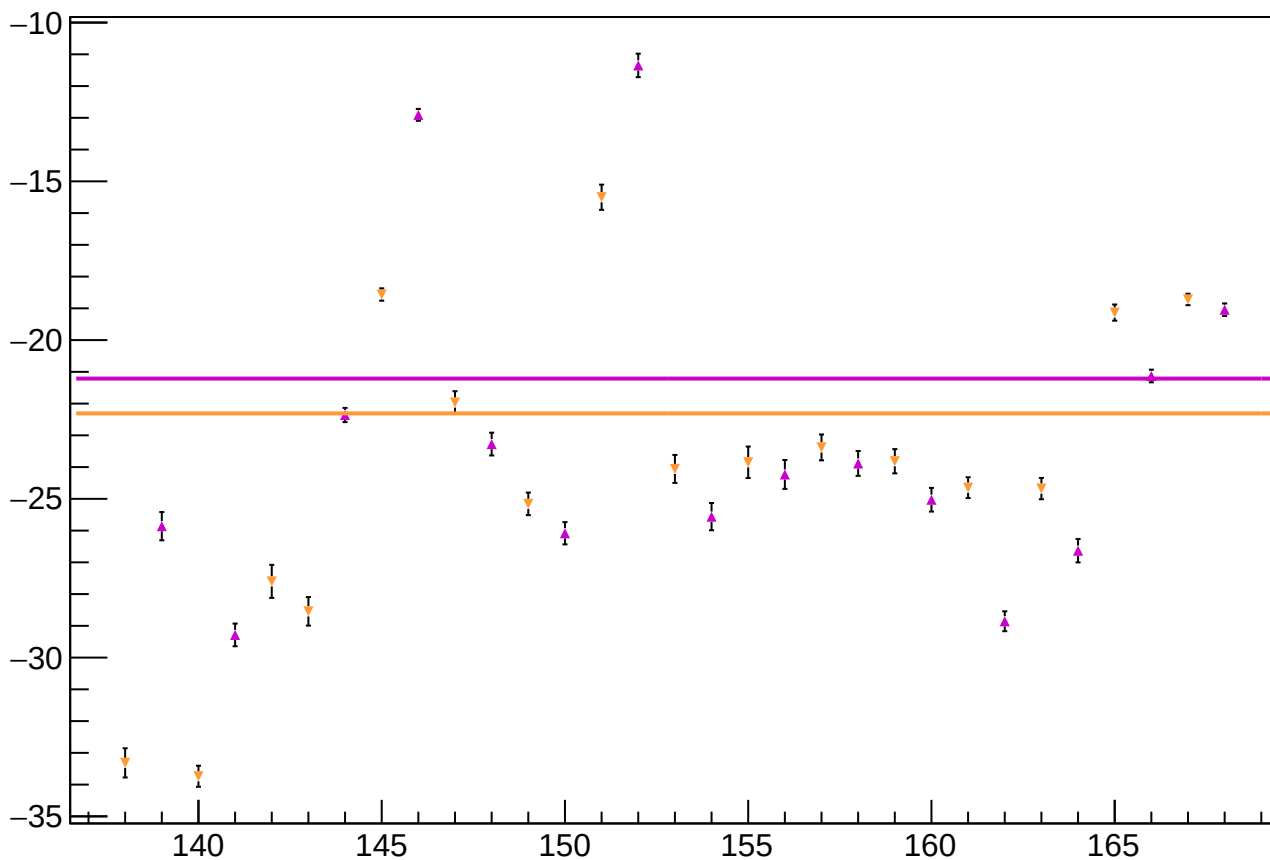
All: 3.660 ± 0.090 χ^2/NDF : 2066.4/66

- sign 3.519 ± 0.127 χ^2/NDF : 1060.8/33

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



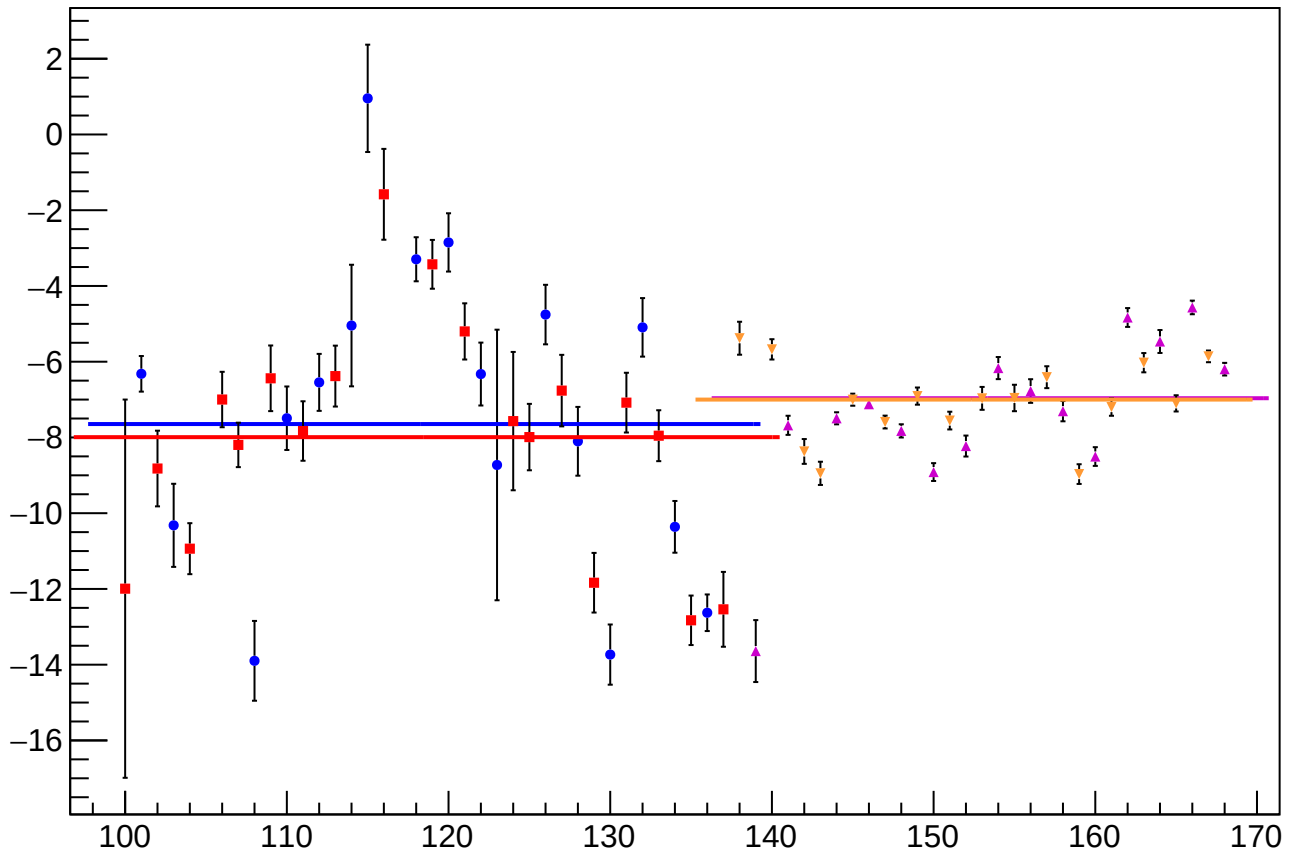
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -22.308 $\pm$ 0.080 χ^2 /NDF:3480.5/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -21.212 $\pm$ 0.075 χ^2 /NDF:4778.6/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -21.728 $\pm$ 0.055 χ^2 /NDF: 8359.2/30
 - sign 0.000 $\pm$ 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: -7.000 ± 0.058 χ^2/NDF : 245.7/15

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

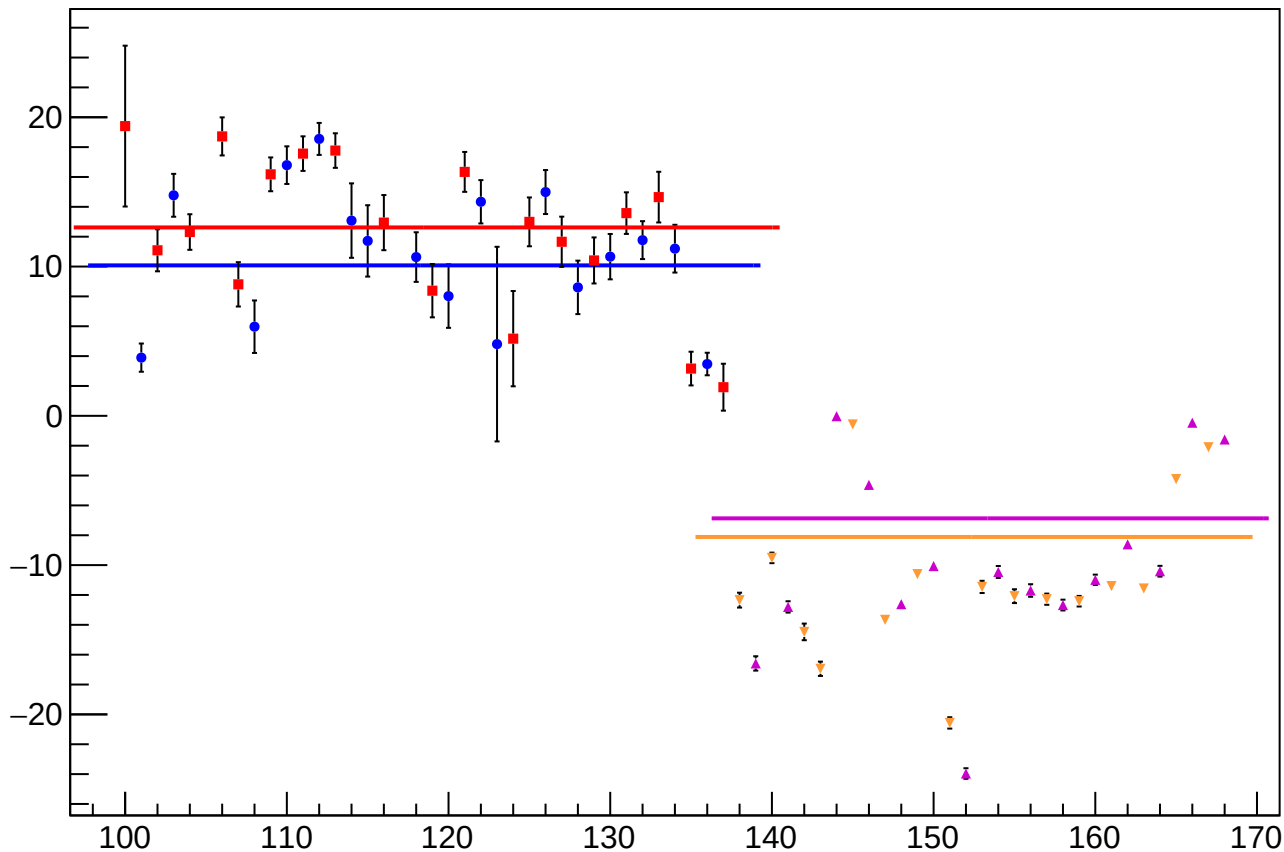
Left In: -6.964 ± 0.054 χ^2/NDF : 546.1/14

+ sign -7.058 ± 0.056 χ^2/NDF : 650.3/32

All: -7.051 ± 0.038 χ^2/NDF : 1450.1/66

- sign -7.045 ± 0.052 χ^2/NDF : 799.8/33

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Left Out: -8.114 ± 0.079 χ^2/NDF : 5229.3/15

Right Out: 12.620 ± 0.332 χ^2/NDF : 220.0/18

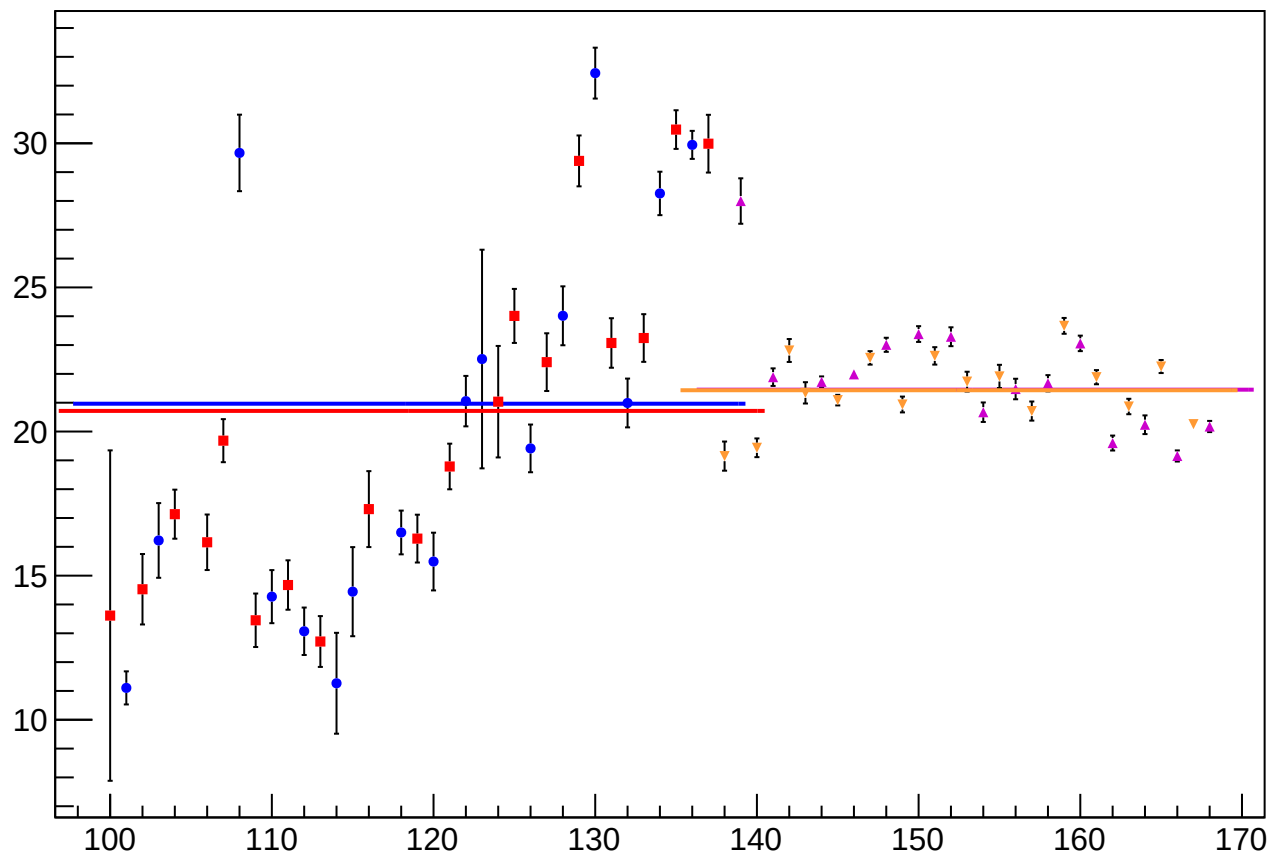
Left In: -6.870 ± 0.074 χ^2/NDF : 6774.9/14

+ sign -7.155 ± 0.077 χ^2/NDF : 8246.0/32

All: -6.510 ± 0.053 χ^2/NDF : 18645.5/66

- sign -5.944 ± 0.072 χ^2/NDF : 10268.7/33

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: 21.433 $\pm$ 0.067 χ^2 /NDF: 258.3/15

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

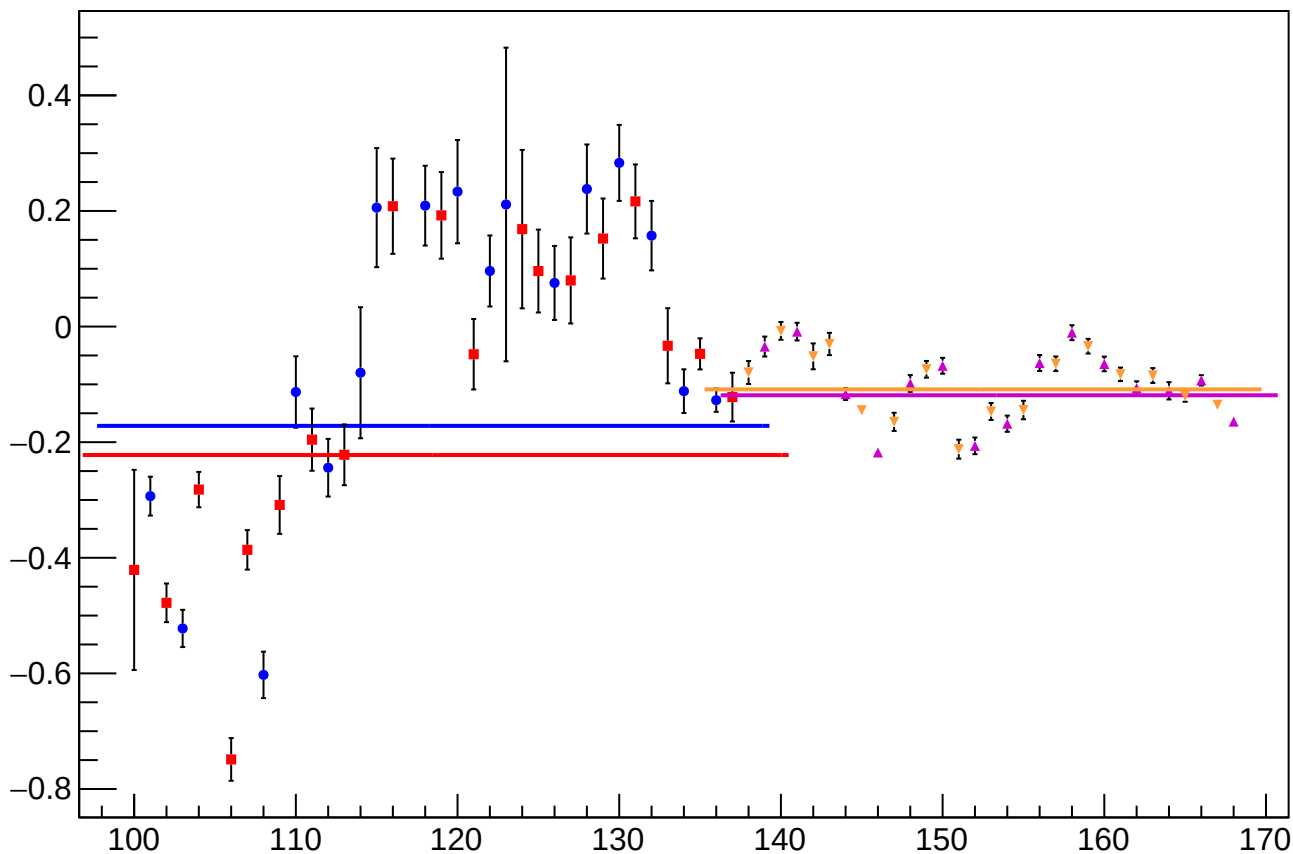
Left In: 21.452 $\pm$ 0.064 χ^2 /NDF: 500.3/14

+ sign 21.389 $\pm$ 0.064 χ^2 /NDF: 1488.3/32

All: 21.390 $\pm$ 0.044 χ^2 /NDF: 2729.4/66

- sign 21.392 $\pm$ 0.061 χ^2 /NDF: 1241.2/33

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 $\chi^2/\text{NDF}: 464.2/16$

Left Out: -0.109 ± 0.003 $\chi^2/\text{NDF}: 227.9/15$

Right Out: -0.222 ± 0.011 $\chi^2/\text{NDF}: 536.1/18$

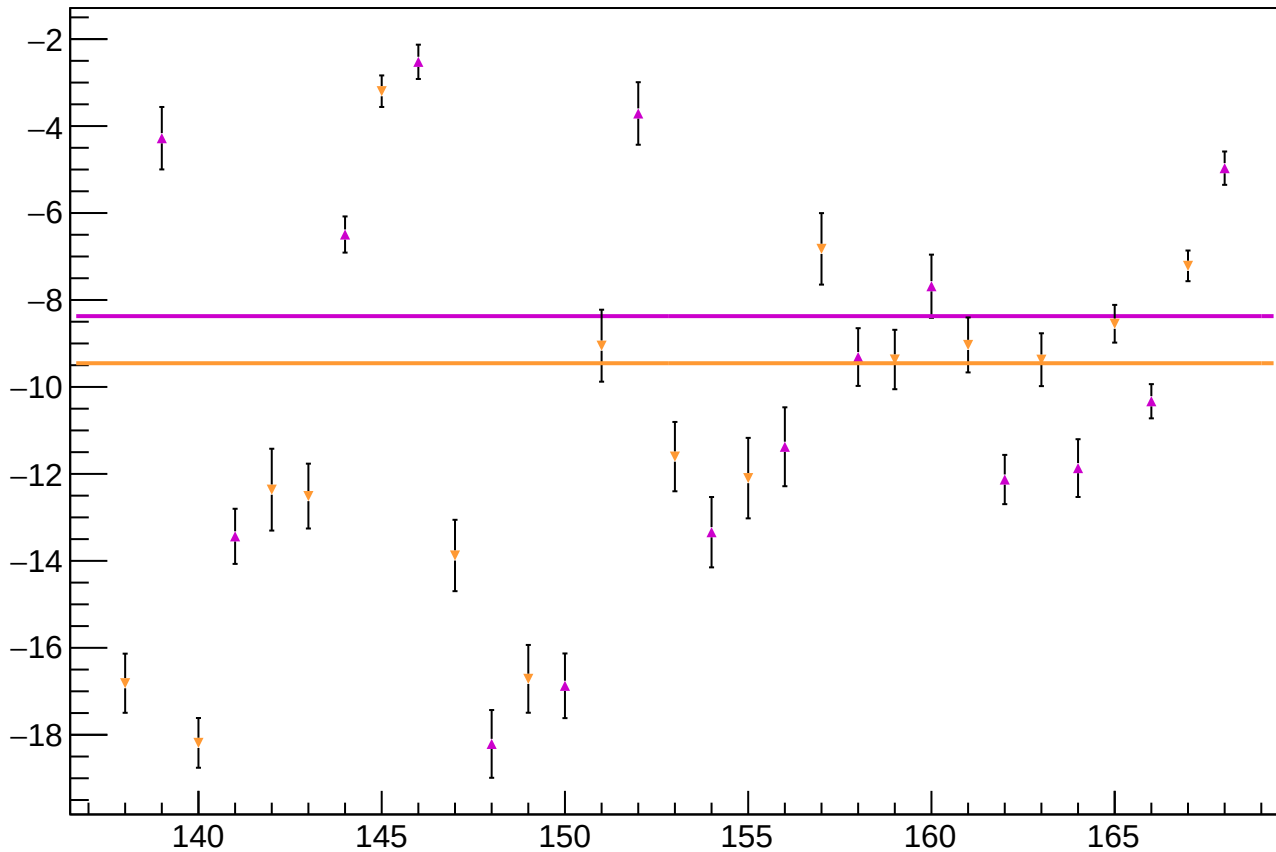
Left In: -0.119 ± 0.003 $\chi^2/\text{NDF}: 427.9/14$

+ sign -0.113 ± 0.003 $\chi^2/\text{NDF}: 721.6/32$

All: -0.120 ± 0.002 $\chi^2/\text{NDF}: 1777.9/66$

- sign -0.126 ± 0.003 $\chi^2/\text{NDF}: 1047.0/33$

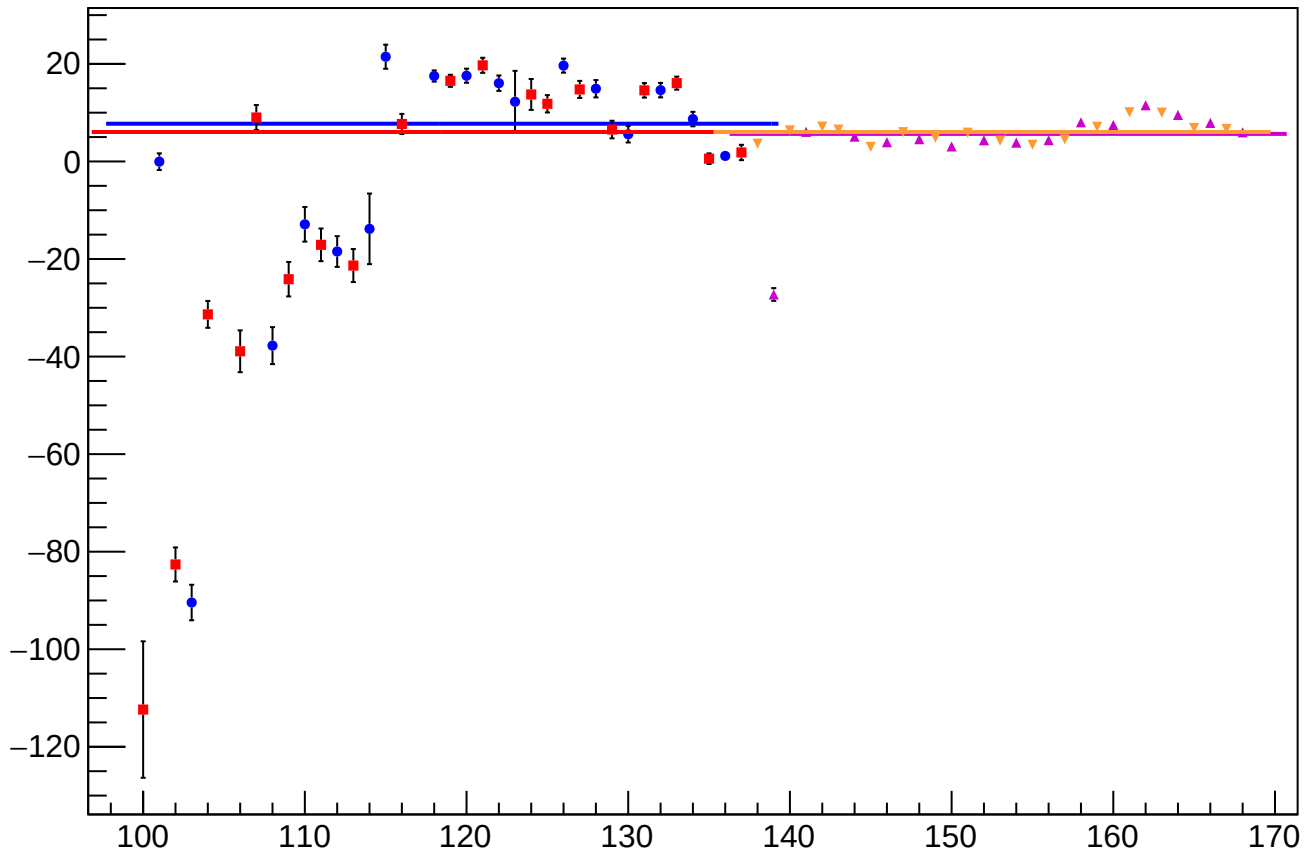
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.454+/-0.149 χ^2/NDF : 860.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.371+/-0.145 χ^2/NDF : 895.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -8.900+/-0.104 χ^2/NDF : 1783.2/30
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 6.033 ± 0.110 χ^2/NDF : 342.2/15

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

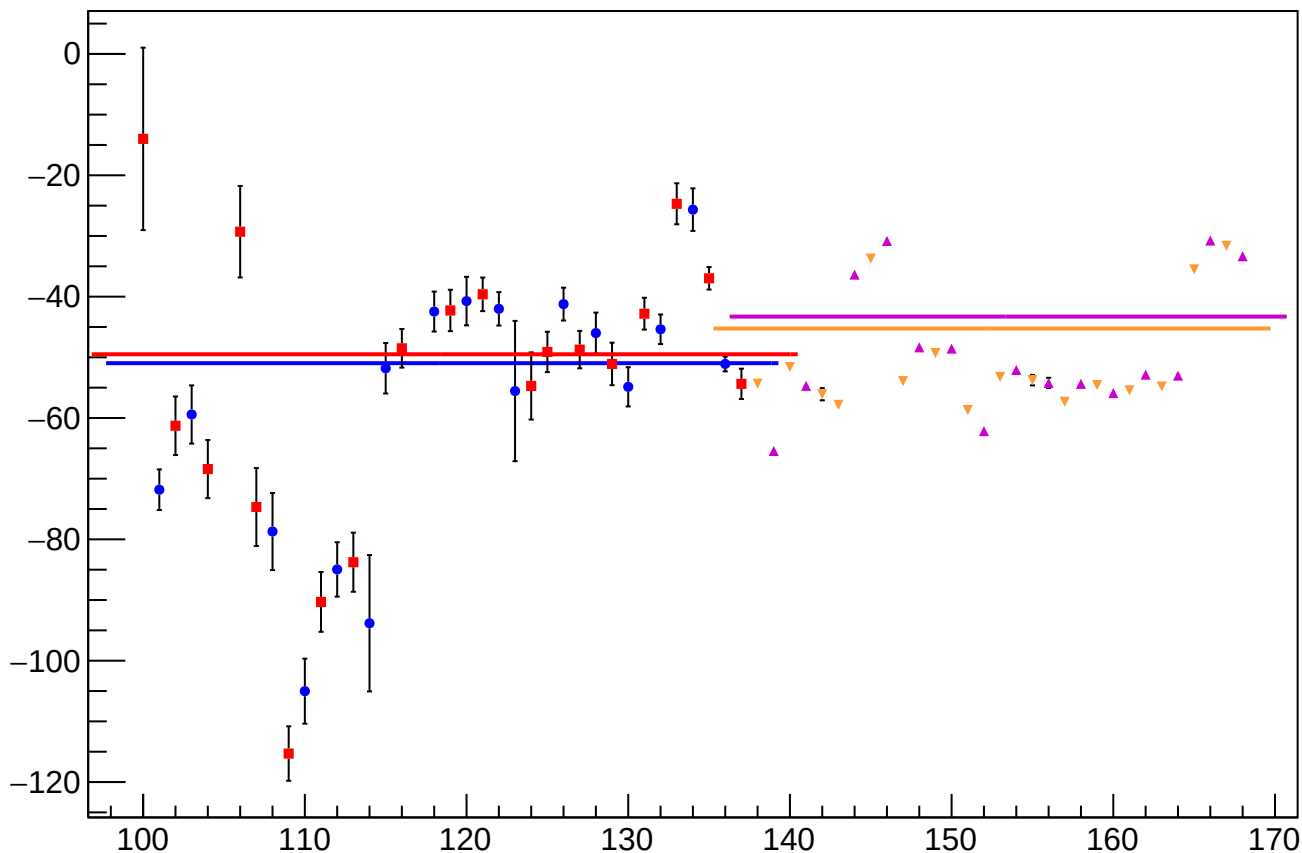
Left In: 5.651 ± 0.107 χ^2/NDF : 1043.6/14

+ sign 6.152 ± 0.106 χ^2/NDF : 1717.2/32

All: 5.906 ± 0.074 χ^2/NDF : 4284.1/66

- sign 5.673 ± 0.104 χ^2/NDF : 2556.5/33

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -45.254 ± 0.149 χ^2/NDF : 5133.7/15

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

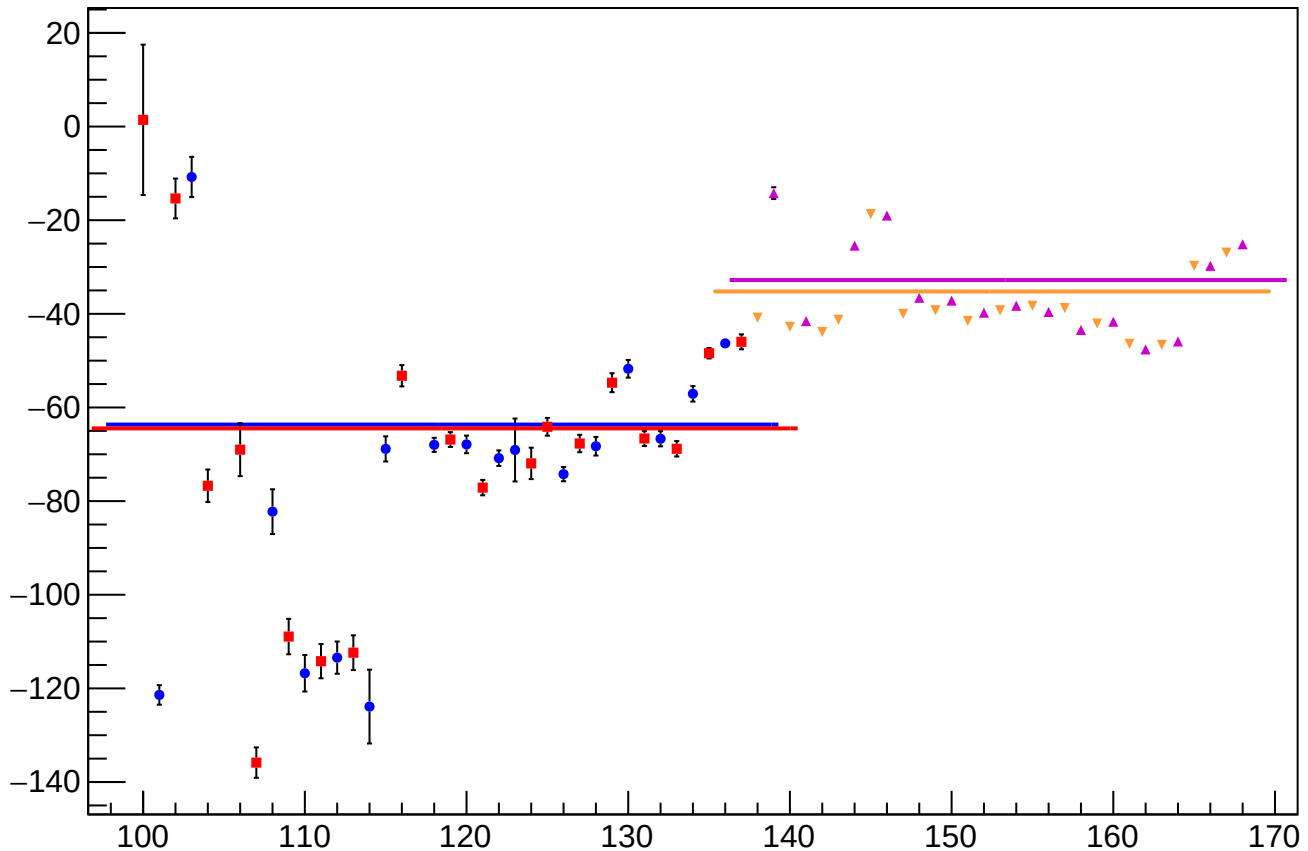
Left In: -43.288 ± 0.144 χ^2/NDF : 6429.7/14

+ sign -45.478 ± 0.146 χ^2/NDF : 5523.9/32

All: -44.448 ± 0.102 χ^2/NDF : 12619.2/66

- sign -43.483 ± 0.141 χ^2/NDF : 6998.8/33

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -35.224 ± 0.126 χ^2/NDF : 5376.4/15

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

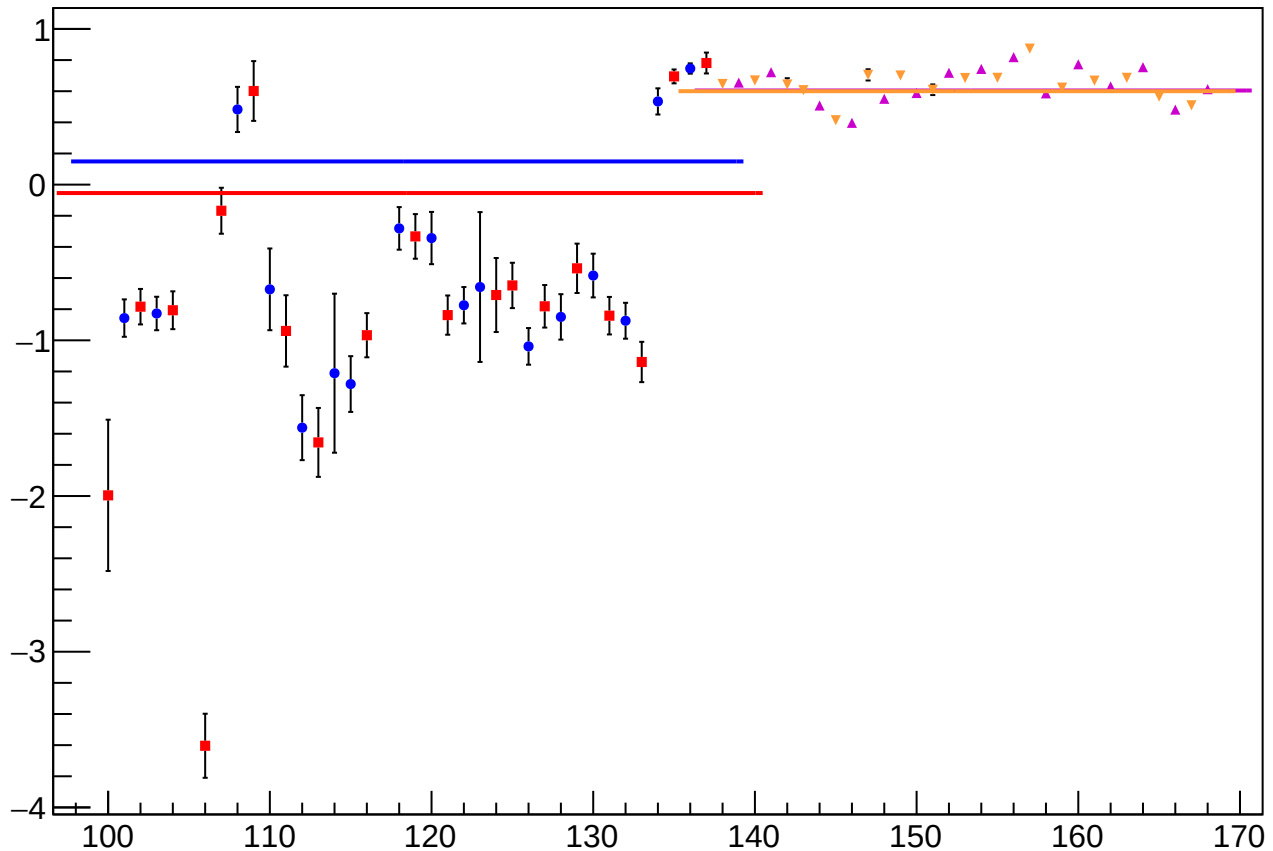
Left In: -32.781 ± 0.124 χ^2/NDF : 5980.3/14

+ sign -37.344 ± 0.122 χ^2/NDF : 11162.9/32

All: -36.027 ± 0.085 χ^2/NDF : 23027.7/66

- sign -34.743 ± 0.120 χ^2/NDF : 11633.3/33

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16

Left Out: 0.600 ± 0.006 χ^2/NDF : 379.4/15

Right Out: -0.054 ± 0.026 χ^2/NDF : 1167.9/18

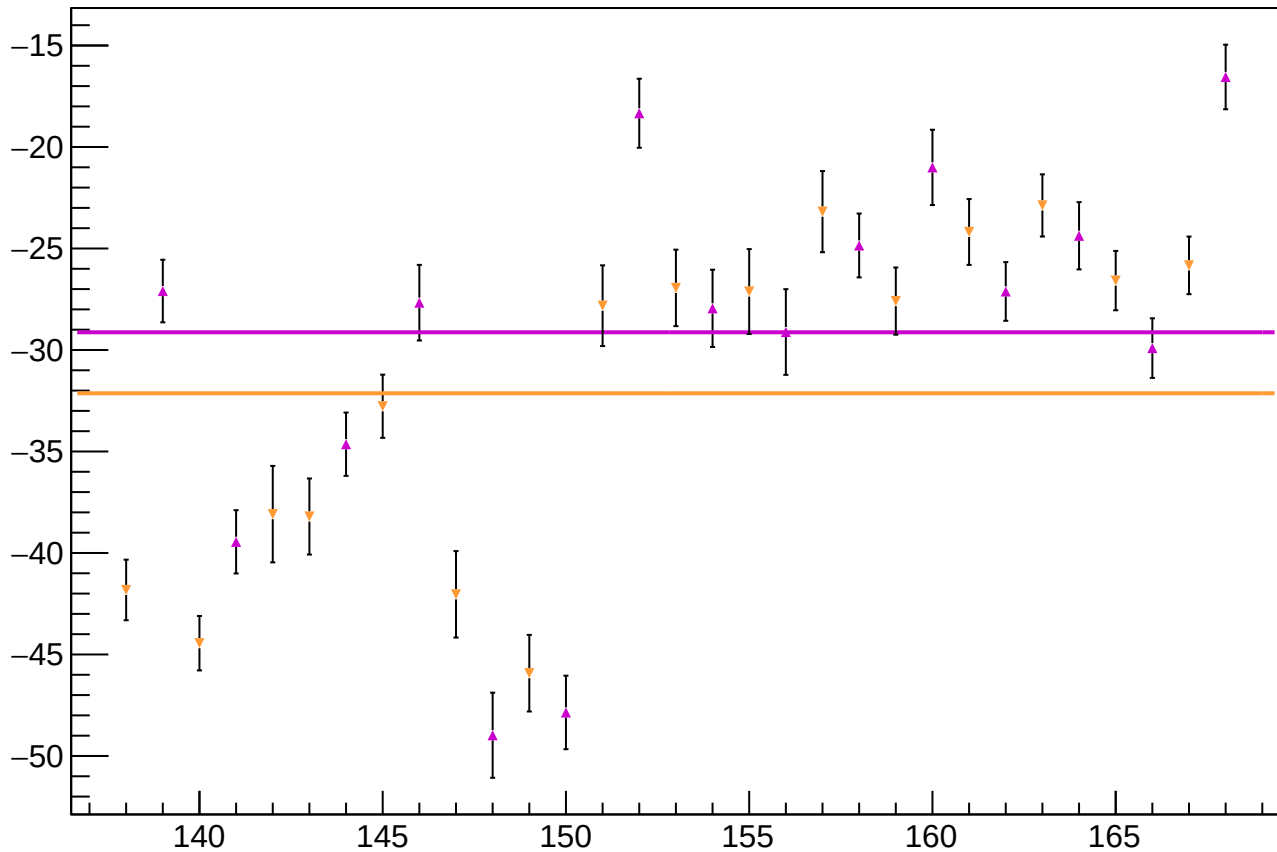
Left In: 0.605 ± 0.006 χ^2/NDF : 418.3/14

+ sign 0.574 ± 0.006 χ^2/NDF : 1703.4/32

All: 0.574 ± 0.004 χ^2/NDF : 3892.1/66

- sign 0.574 ± 0.006 χ^2/NDF : 2188.6/33

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.132+/-0.425 χ^2/NDF : 358.6/15

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

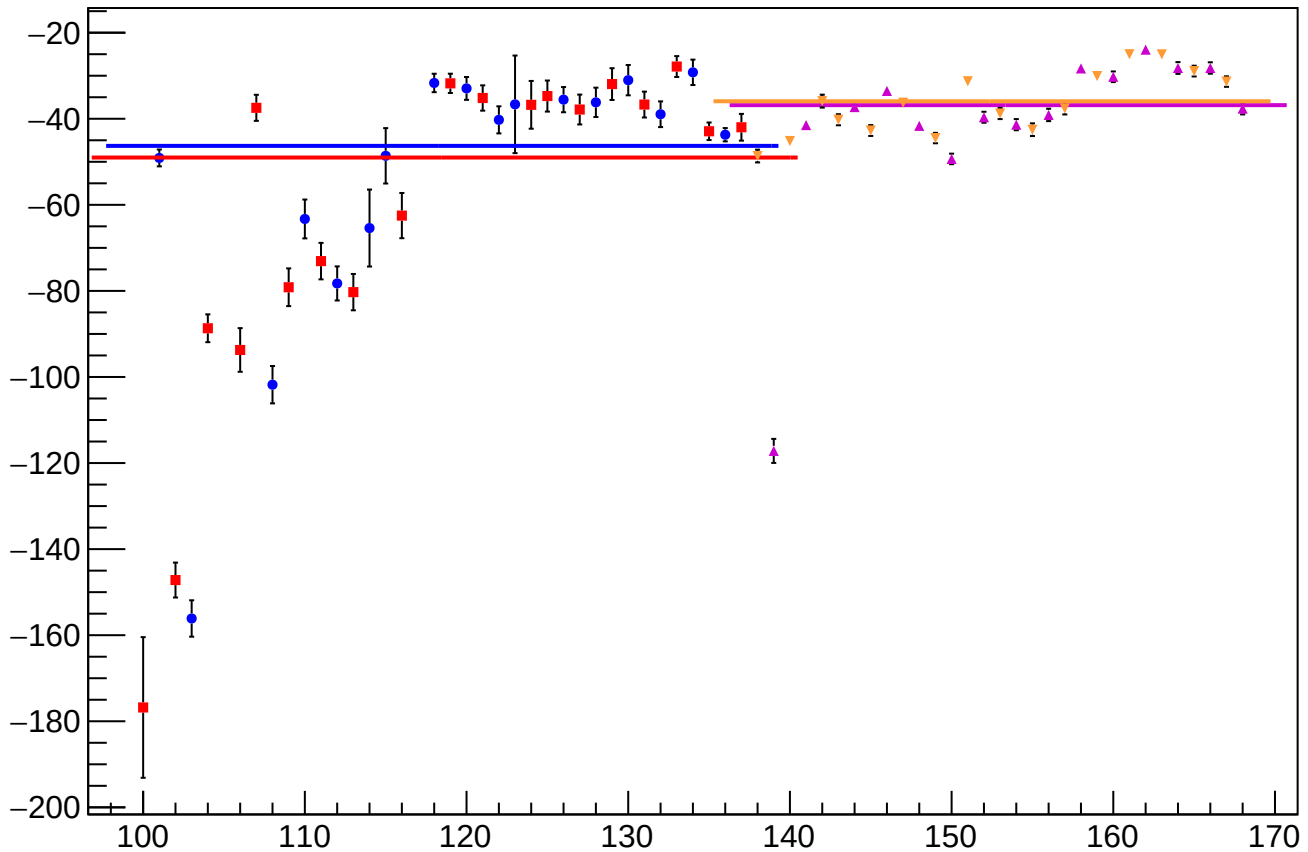
Left In: -29.128+/-0.434 χ^2/NDF : 395.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.661+/-0.304 χ^2/NDF : 778.4/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 $\pm$ 0.723 χ^2/NDF : 1084.0/16

Left Out: -35.933 $\pm$ 0.309 χ^2/NDF : 528.5/15

Right Out: -49.008 $\pm$ 0.764 χ^2/NDF : 1271.7/18

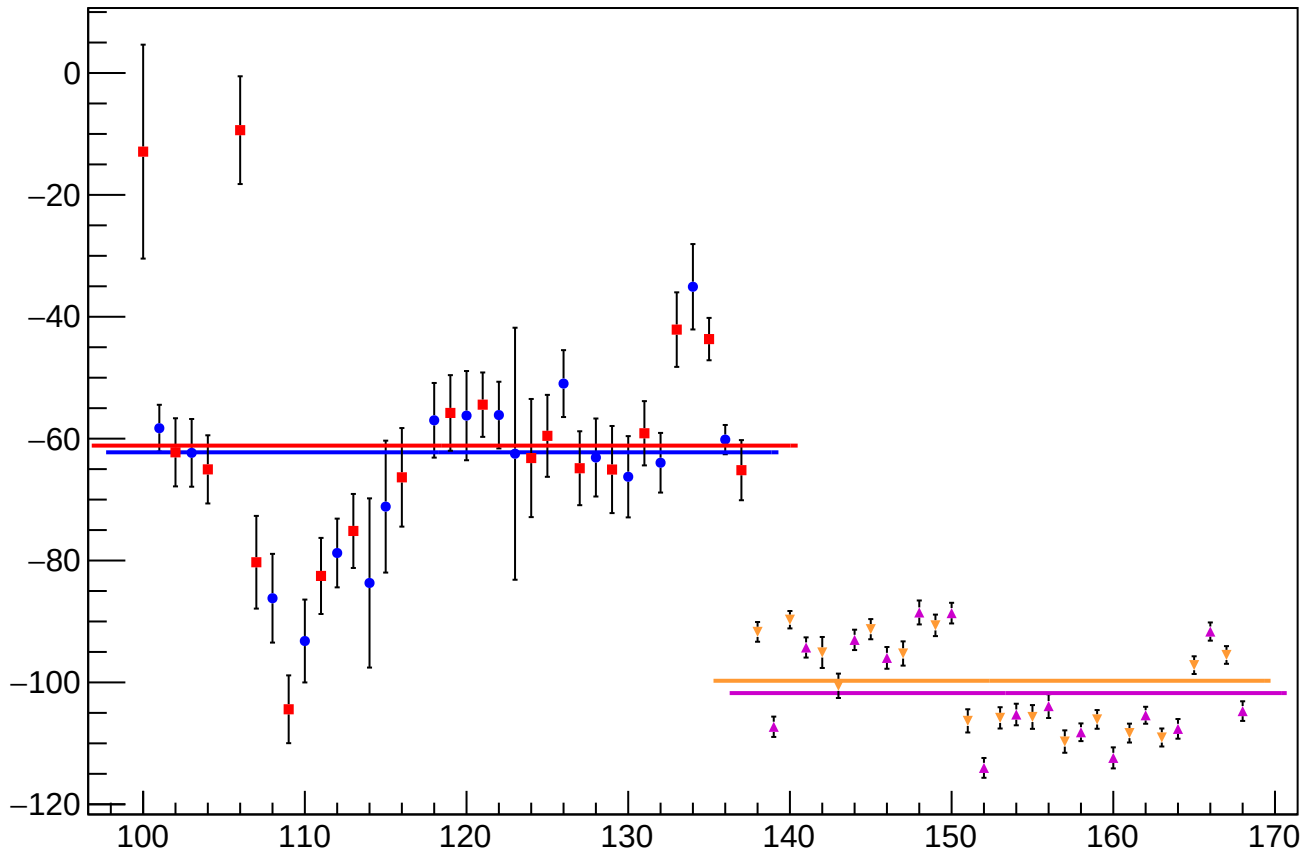
Left In: -36.838 $\pm$ 0.321 χ^2/NDF : 1297.0/14

+ sign -37.534 $\pm$ 0.284 χ^2/NDF : 1786.5/32

All: -38.075 $\pm$ 0.205 χ^2/NDF : 4578.6/66

- sign -38.661 $\pm$ 0.296 χ^2/NDF : 2784.5/33

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 $\pm$ 1.310 χ^2 /NDF: 67.4/16

Left Out: -99.730 $\pm$ 0.422 χ^2 /NDF: 296.9/15

Right Out: -61.142 $\pm$ 1.379 χ^2 /NDF: 165.6/18

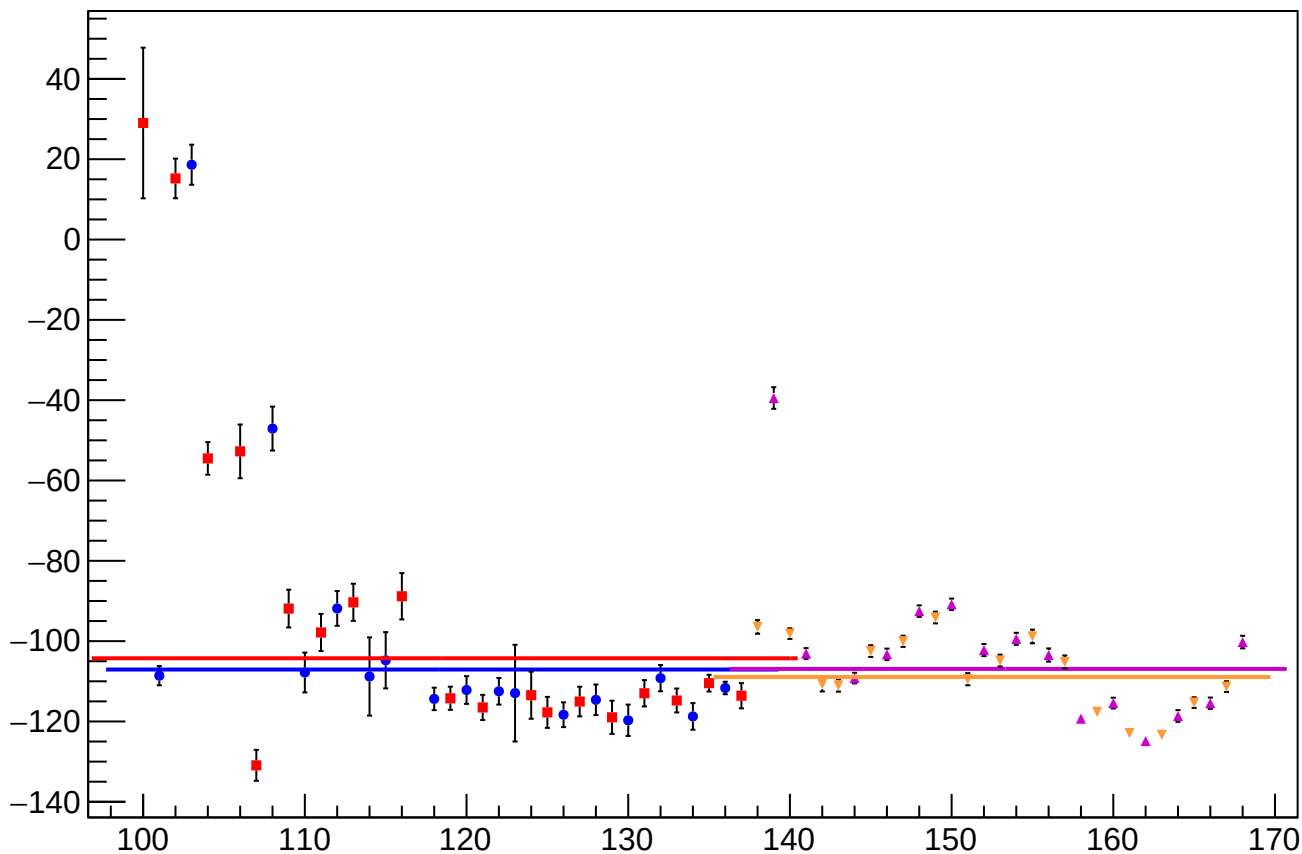
Left In: -101.751 $\pm$ 0.426 χ^2 /NDF: 363.4/14

+ sign -96.212 $\pm$ 0.401 χ^2 /NDF: 1106.2/32

All: -97.199 $\pm$ 0.286 χ^2 /NDF: 2438.6/66

- sign -98.214 $\pm$ 0.407 χ^2 /NDF: 1320.1/33

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -108.935 ± 0.356 χ^2/NDF : 684.7/15

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

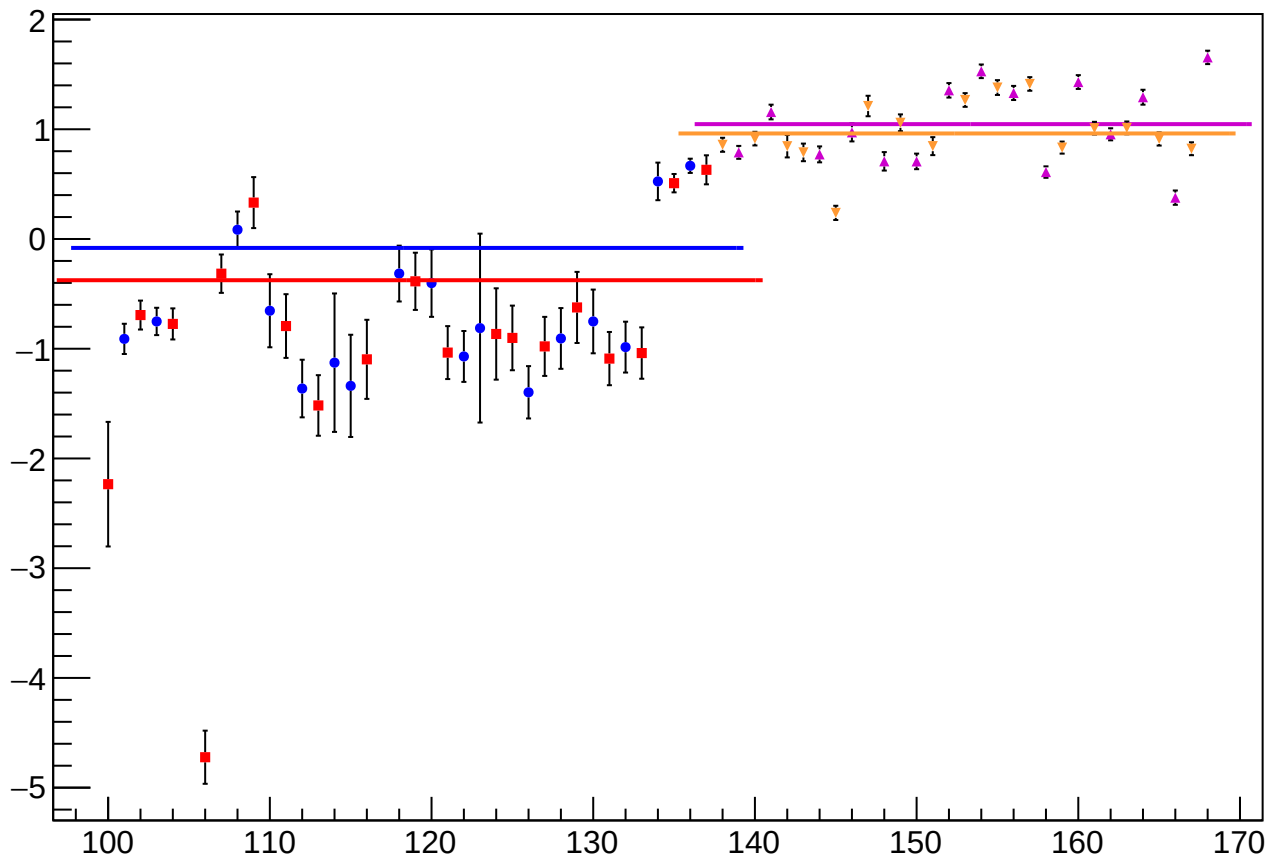
Left In: -106.920 ± 0.368 χ^2/NDF : 1415.7/14

+ sign -108.633 ± 0.326 χ^2/NDF : 1517.6/32

All: -107.612 ± 0.235 χ^2/NDF : 3980.3/66

- sign -106.511 ± 0.338 χ^2/NDF : 2442.3/33

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.962 ± 0.017 χ^2/NDF : 272.7/15

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

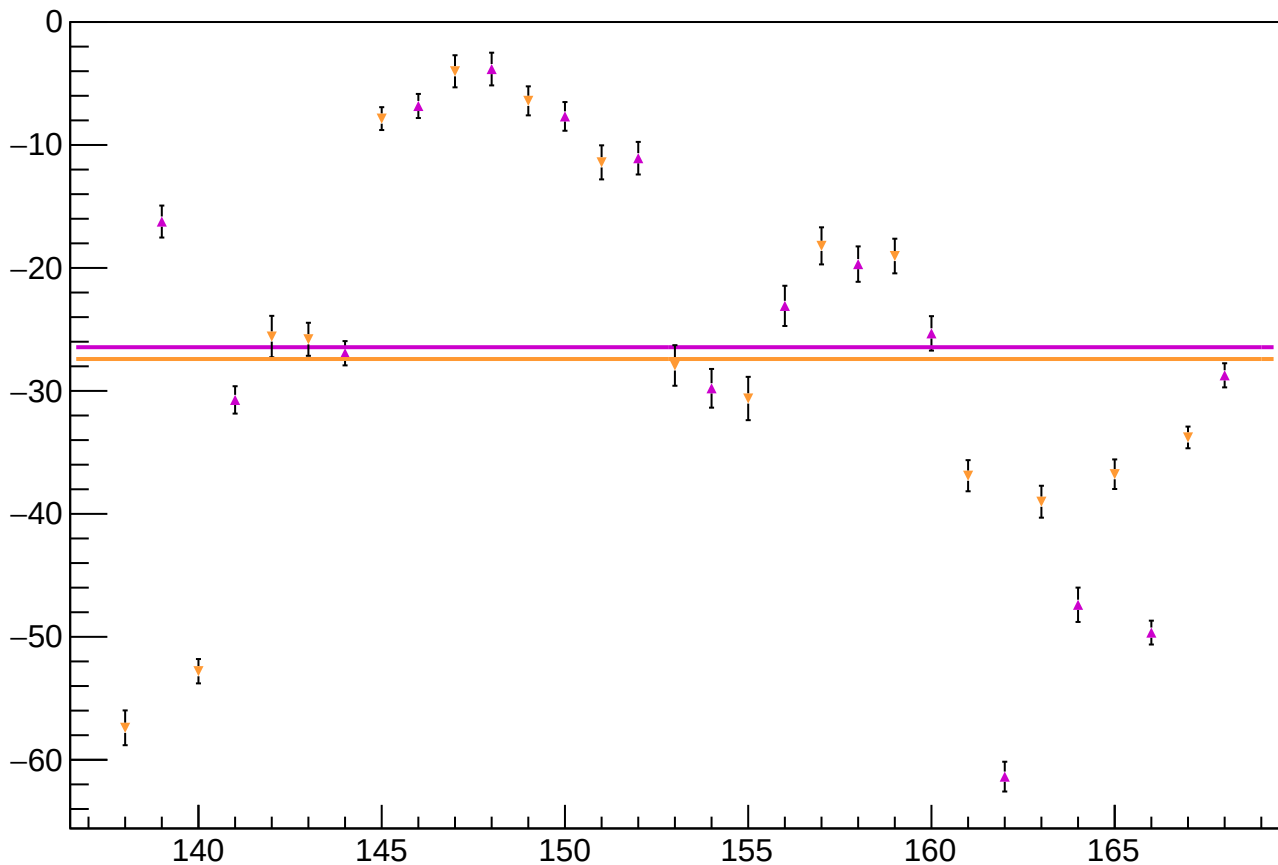
Left In: 1.047 ± 0.017 χ^2/NDF : 504.7/14

+ sign 0.822 ± 0.015 χ^2/NDF : 1131.8/32

All: 0.844 ± 0.011 χ^2/NDF : 3141.1/66

- sign 0.867 ± 0.016 χ^2/NDF : 2005.2/33

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -27.407+/-0.313 χ^2/NDF : 2648.4/15

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

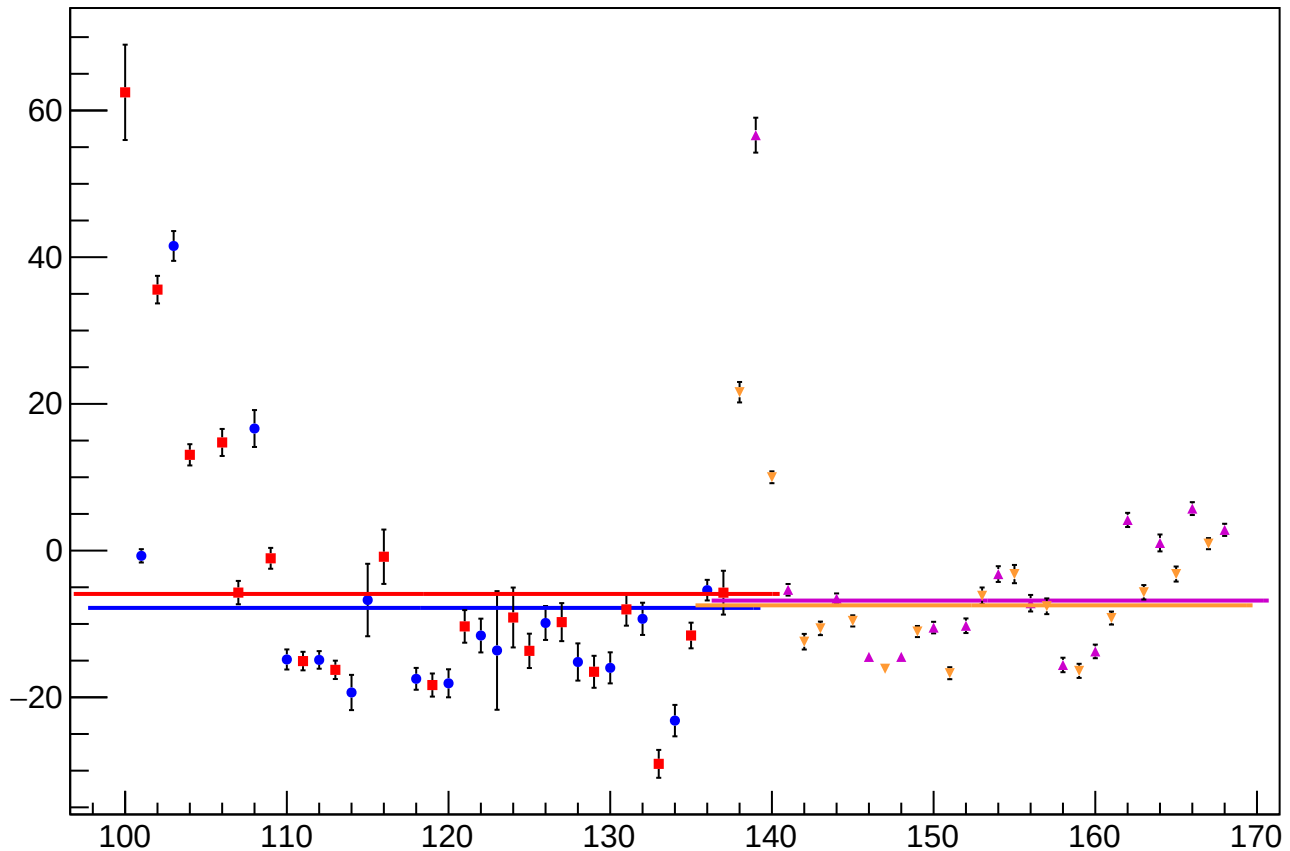
Left In: -26.446+/-0.310 χ^2/NDF : 2825.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.922+/-0.220 χ^2/NDF : 5479.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -7.464 ± 0.224 χ^2/NDF : 1531.3/15

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

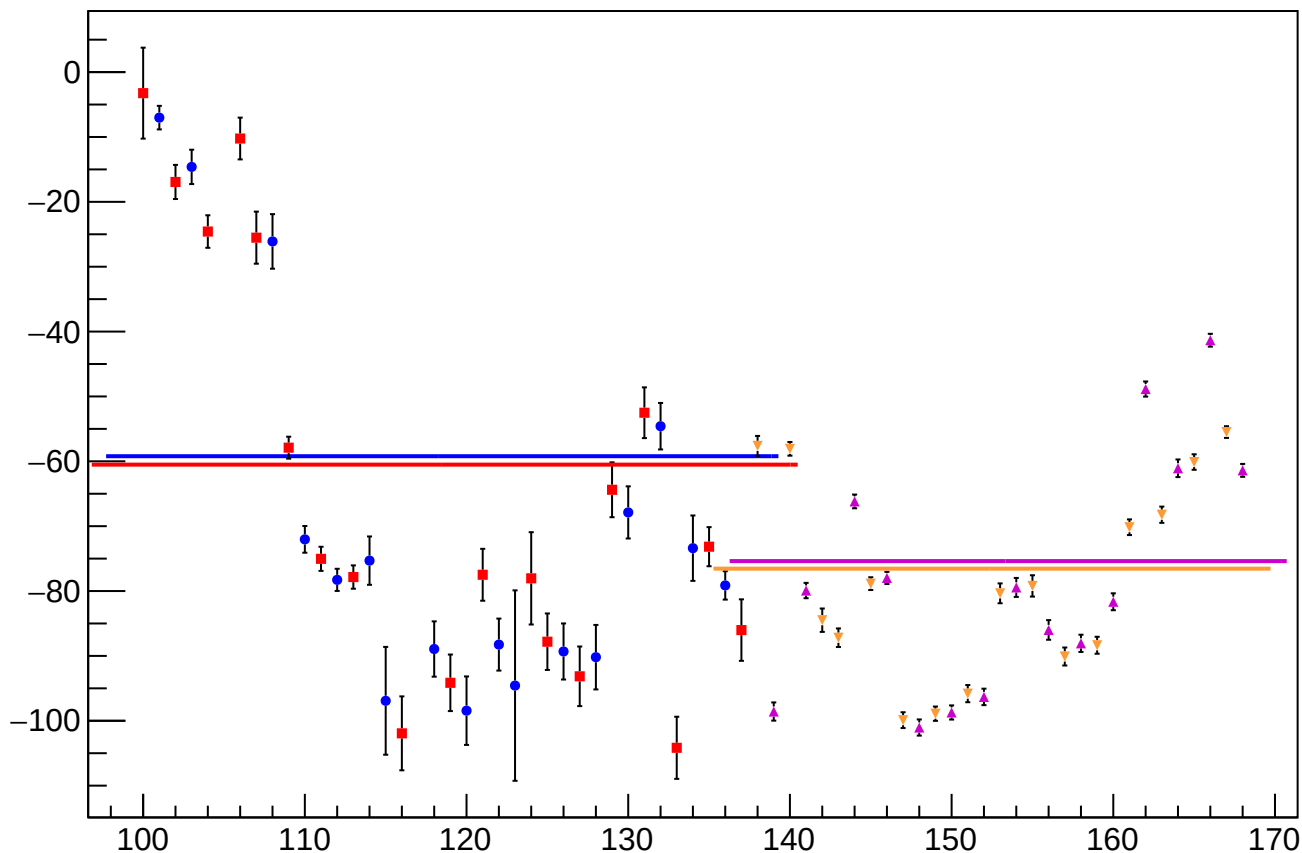
Left In: -6.812 ± 0.225 χ^2/NDF : 1703.8/14

+ sign -7.538 ± 0.198 χ^2/NDF : 2514.6/32

All: -7.080 ± 0.140 χ^2/NDF : 5525.8/66

- sign -6.617 ± 0.199 χ^2/NDF : 3000.4/33

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -76.545 ± 0.311 χ^2/NDF : 2520.3/15

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

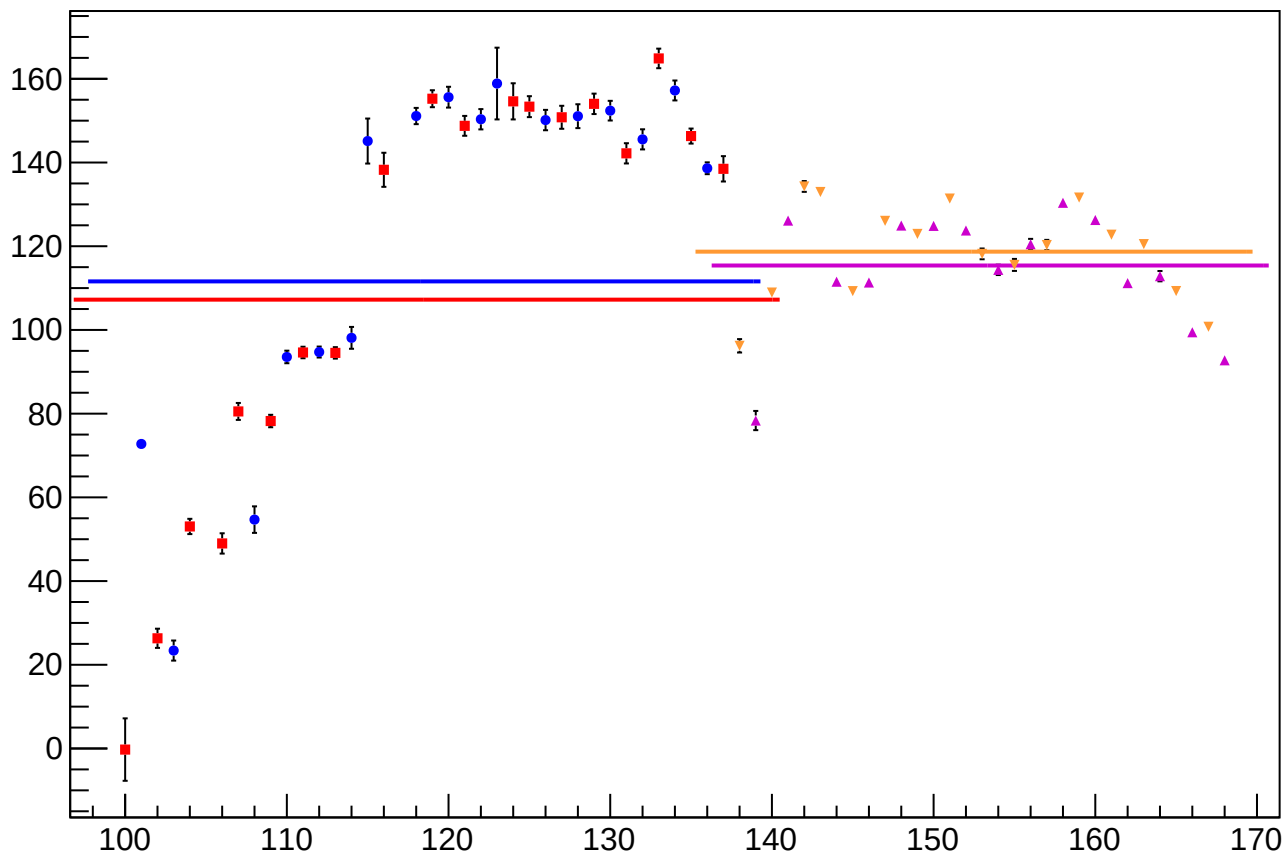
Left In: -75.381 ± 0.305 χ^2/NDF : 3707.4/14

+ sign -73.972 ± 0.287 χ^2/NDF : 4703.1/32

All: -73.489 ± 0.200 χ^2/NDF : 10175.2/66

- sign -73.027 ± 0.280 χ^2/NDF : 5466.5/33

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: 118.704 $\pm$ 0.261 χ^2 /NDF:1701.6/15

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

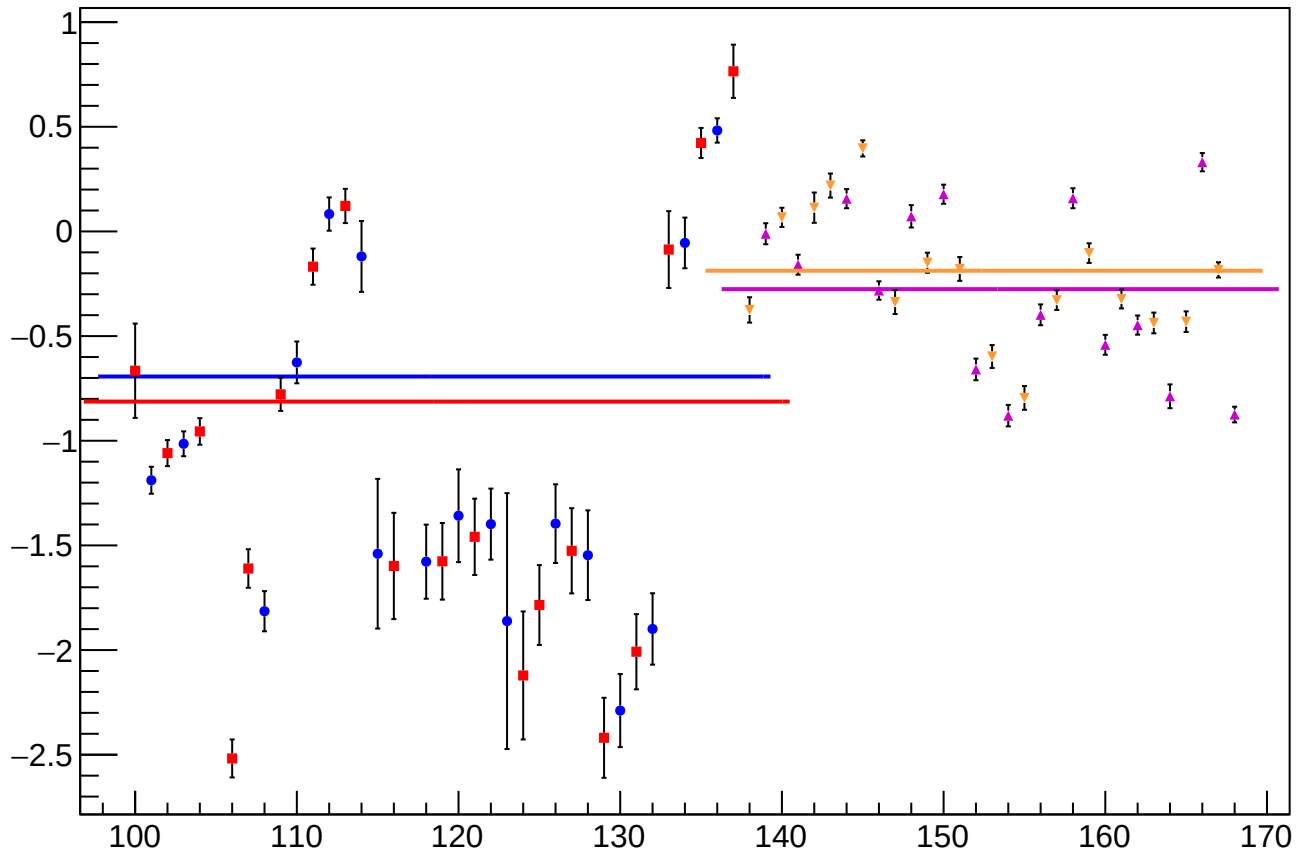
Left In: 115.395 $\pm$ 0.262 χ^2 /NDF:1905.3/14

+ sign 117.118 $\pm$ 0.230 χ^2 /NDF: 7826.8/32

All: 115.350 $\pm$ 0.163 χ^2 /NDF: 17105.3/66

- sign 113.568 $\pm$ 0.231 χ^2 /NDF: 9159.8/33

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.188 ± 0.012 χ^2/NDF : 586.2/15

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

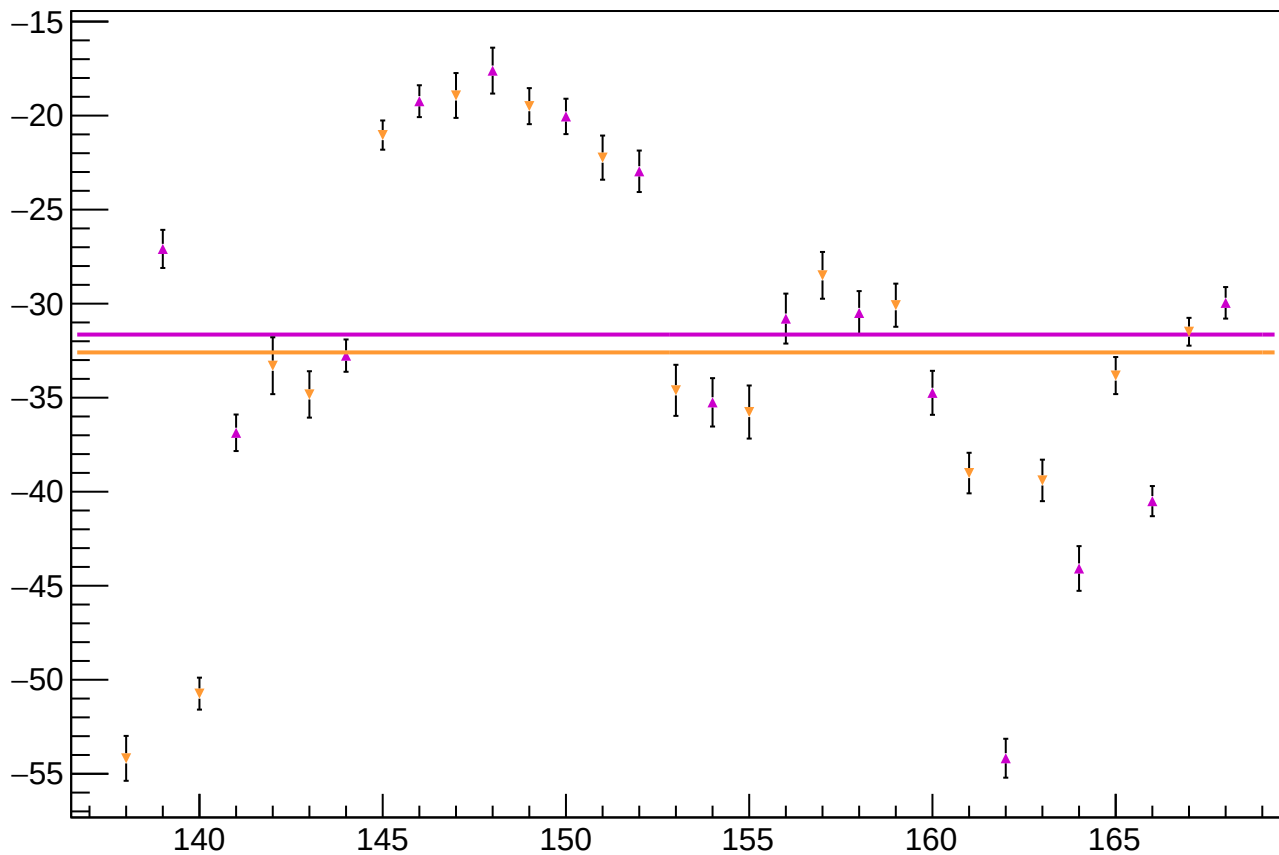
Left In: -0.276 ± 0.012 χ^2/NDF : 1123.8/14

+ sign -0.282 ± 0.011 χ^2/NDF : 1892.1/32

All: -0.334 ± 0.008 χ^2/NDF : 4758.7/66

- sign -0.383 ± 0.011 χ^2/NDF : 2824.0/33

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.593 +/- 0.264 χ^2/NDF : 1503.8/15

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

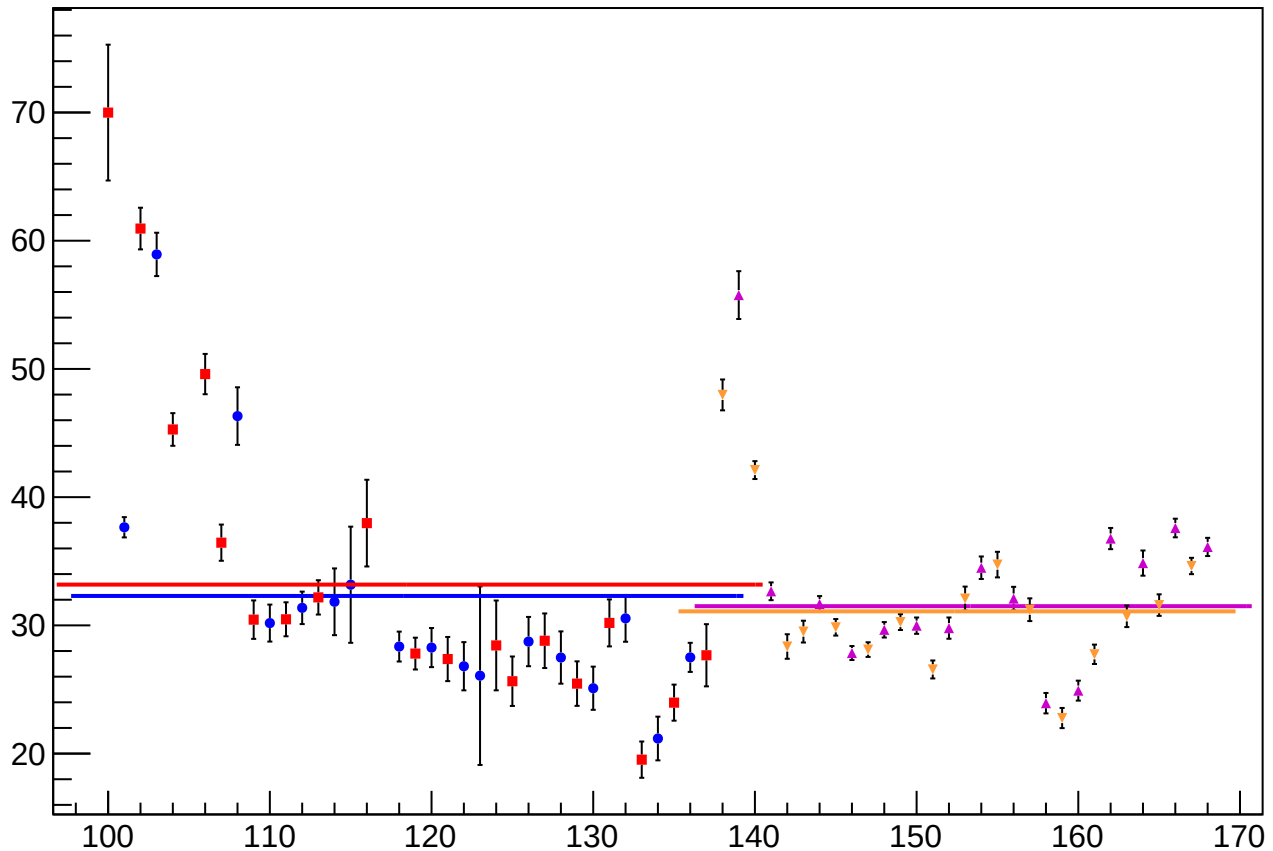
Left In: -31.644 +/- 0.261 χ^2/NDF : 1337.6/14

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

All: -32.113 +/- 0.186 χ^2/NDF : 2847.9/30

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

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295 ± 0.373 $\chi^2/\text{NDF}: 452.2/16$

Left Out: 31.095 ± 0.191 $\chi^2/\text{NDF}: 709.9/15$

Right Out: 33.180 ± 0.379 $\chi^2/\text{NDF}: 770.3/18$

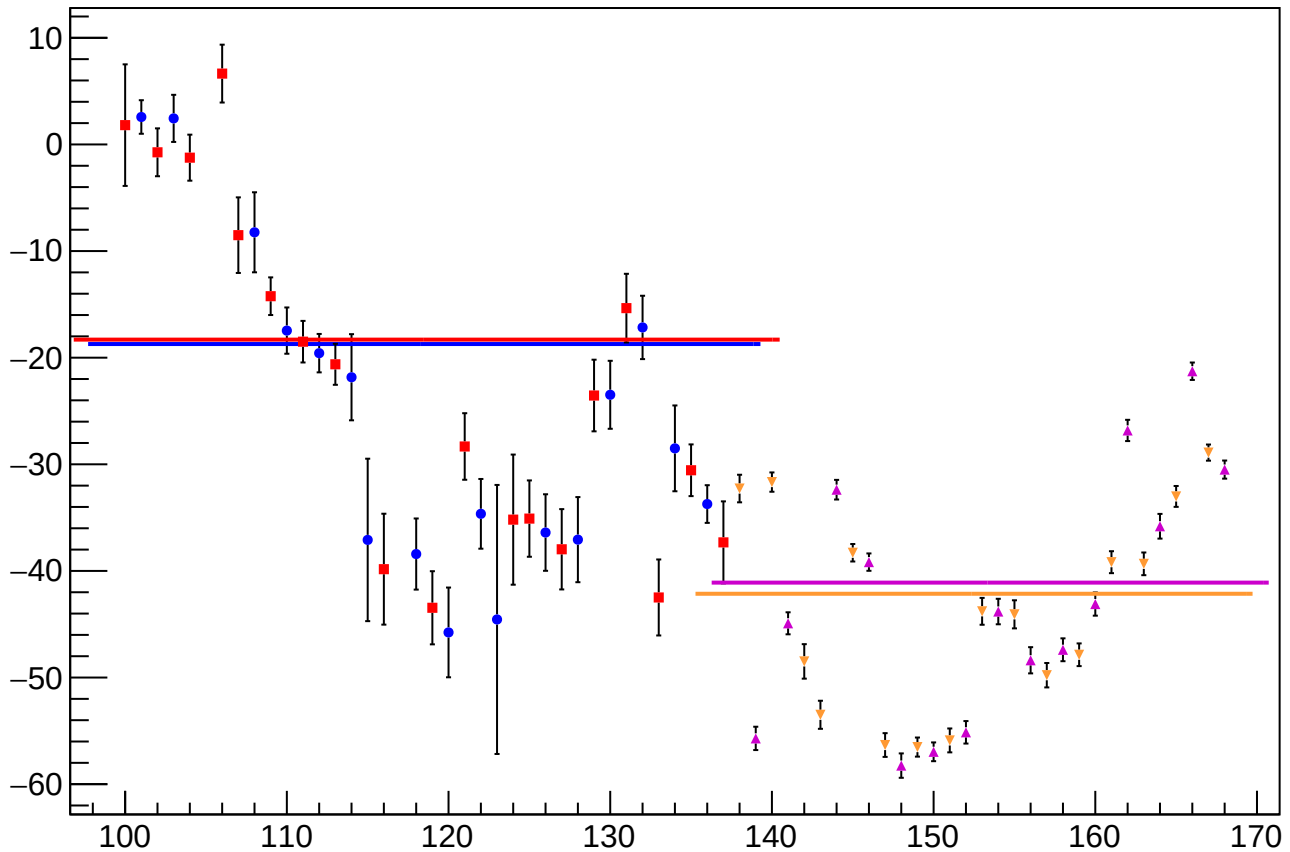
Left In: 31.497 ± 0.192 $\chi^2/\text{NDF}: 574.8/14$

+ sign 31.344 ± 0.170 $\chi^2/\text{NDF}: 1170.3/32$

All: 31.590 ± 0.121 $\chi^2/\text{NDF}: 2535.3/66$

- sign 31.841 ± 0.171 $\chi^2/\text{NDF}: 1360.8/33$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -42.142 ± 0.262 χ^2/NDF : 1359.6/15

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

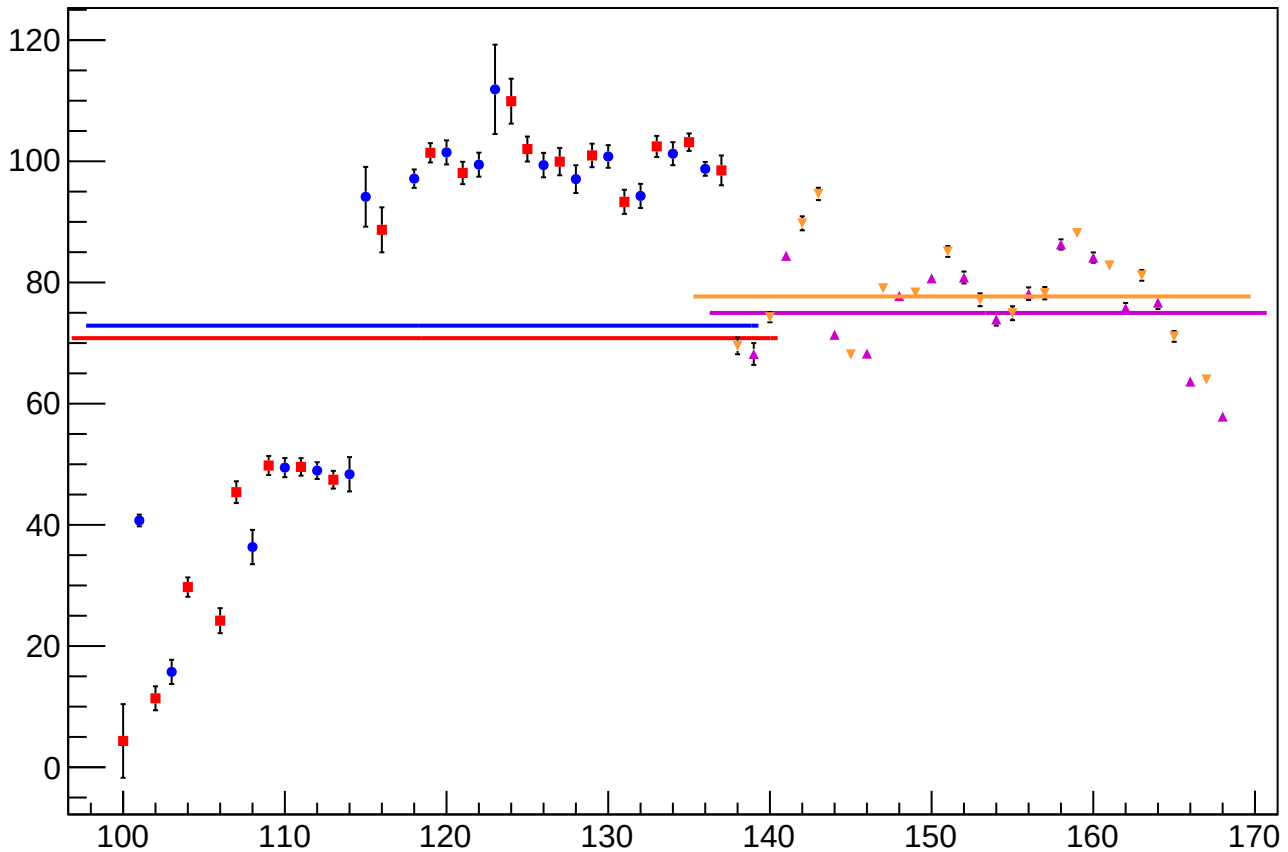
Left In: -41.097 ± 0.257 χ^2/NDF : 2063.8/14

+ sign -39.000 ± 0.244 χ^2/NDF : 2952.0/32

All: -38.469 ± 0.171 χ^2/NDF : 6579.4/66

- sign -37.959 ± 0.239 χ^2/NDF : 3618.0/33

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 ± 0.426 $\chi^2/\text{NDF}: 4737.9/16$

Left Out: 77.696 ± 0.221 $\chi^2/\text{NDF}: 1341.0/15$

Right Out: 70.815 ± 0.433 $\chi^2/\text{NDF}: 5489.3/18$

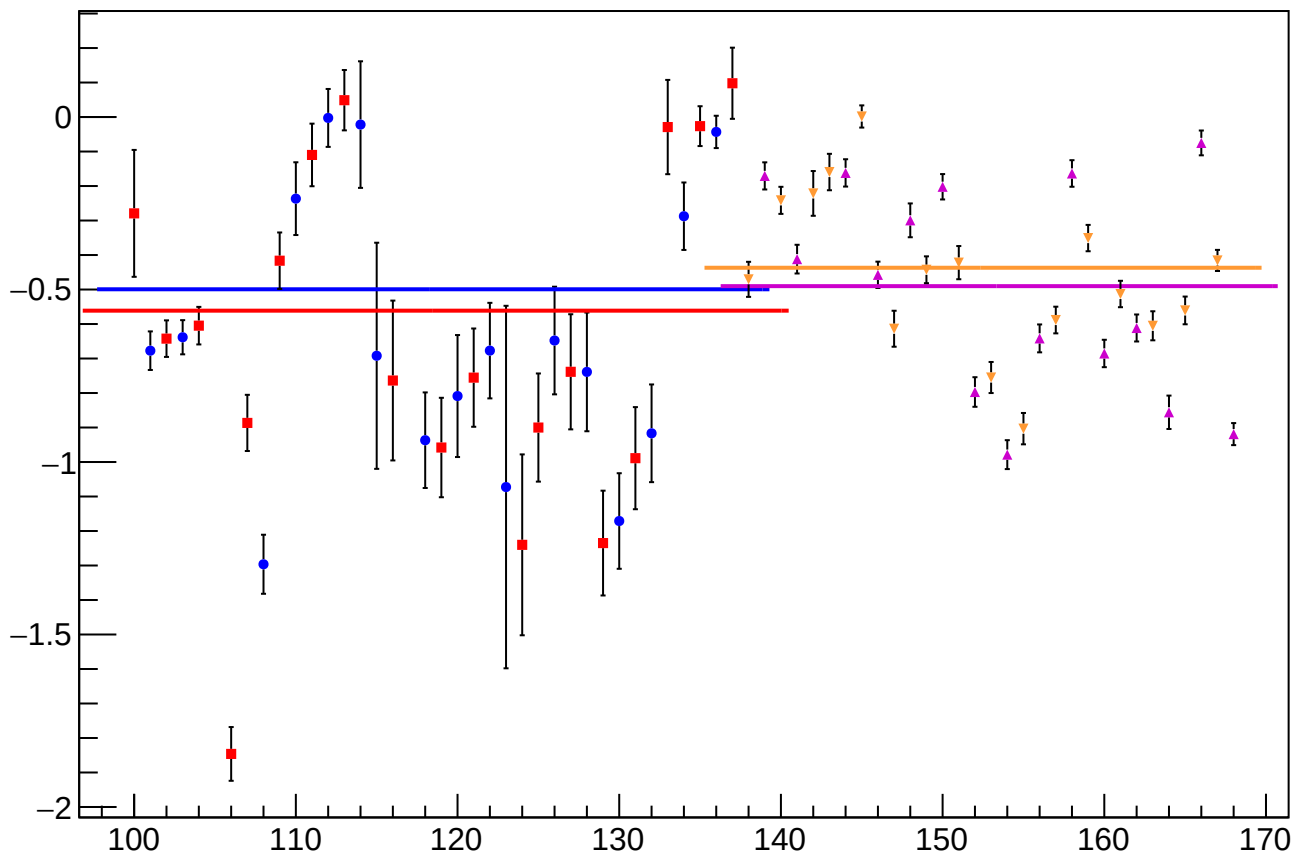
Left In: 74.976 ± 0.222 $\chi^2/\text{NDF}: 1325.6/14$

+ sign 76.670 ± 0.196 $\chi^2/\text{NDF}: 6179.8/32$

All: 75.398 ± 0.139 $\chi^2/\text{NDF}: 13152.1/66$

- sign 74.108 ± 0.198 $\chi^2/\text{NDF}: 6887.9/33$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.437 ± 0.010 χ^2/NDF : 466.7/15

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

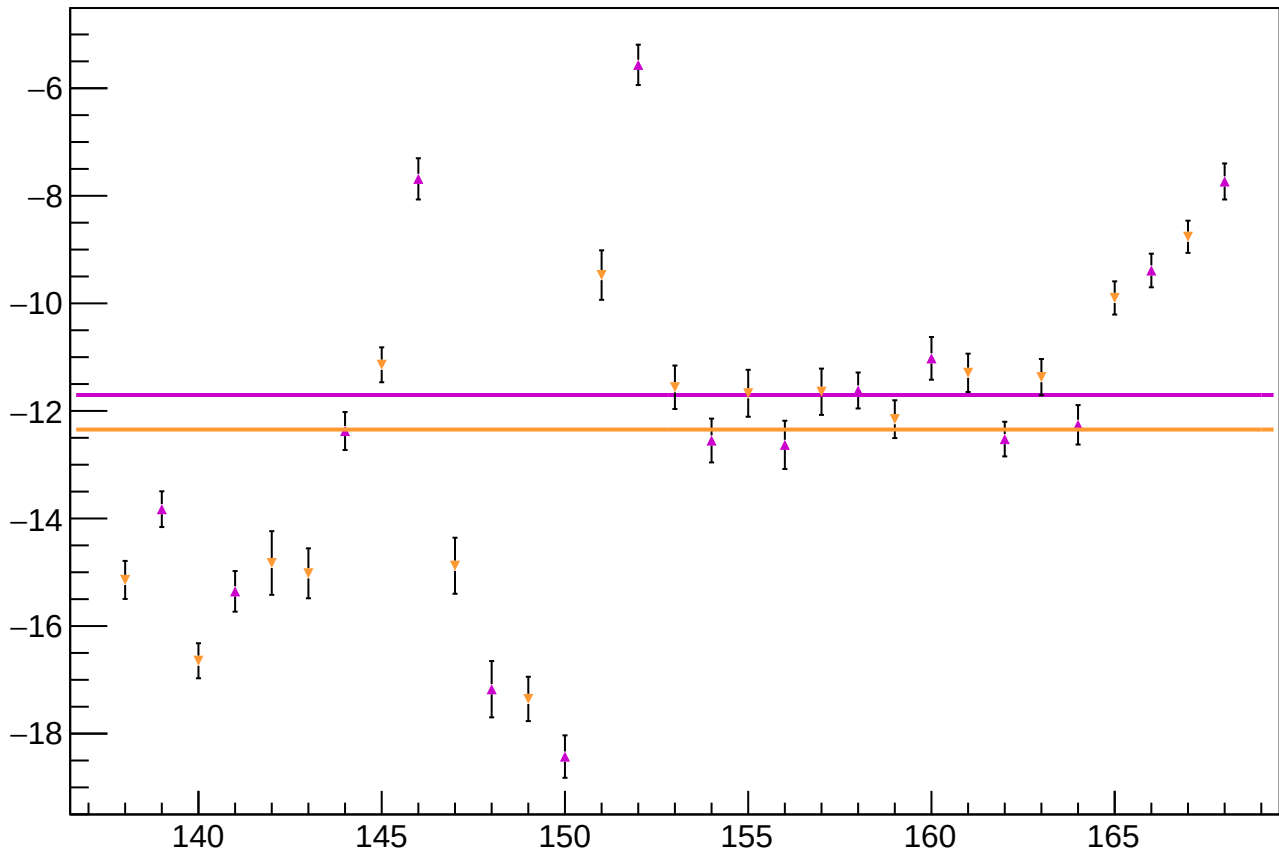
Left In: -0.490 ± 0.010 χ^2/NDF : 892.7/14

+ sign -0.448 ± 0.009 χ^2/NDF : 776.7/32

All: -0.476 ± 0.007 χ^2/NDF : 2258.5/66

- sign -0.503 ± 0.009 χ^2/NDF : 1464.1/33

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -12.346+/-0.095 χ^2/NDF : 744.5/15

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

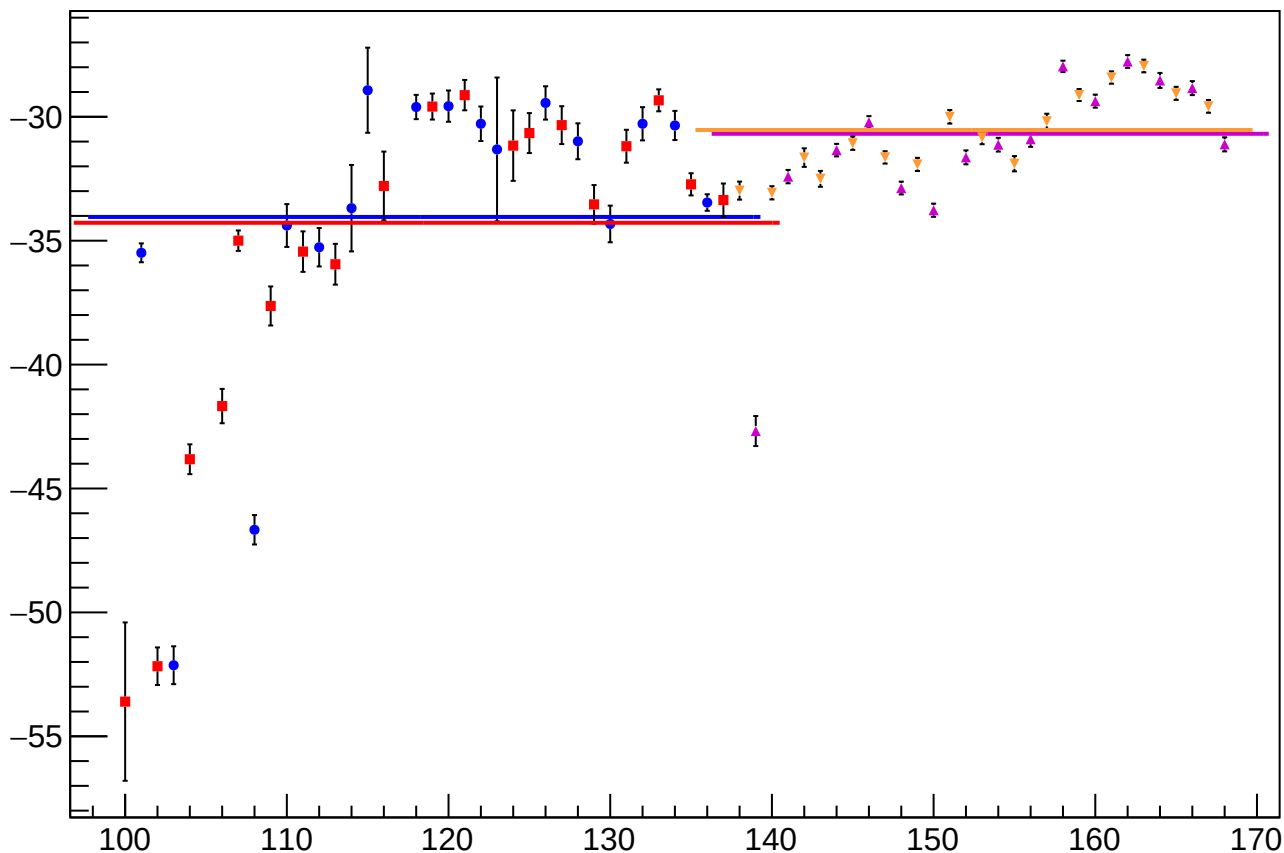
Left In: -11.704+/-0.095 χ^2/NDF : 1130.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.027+/-0.067 χ^2/NDF : 1897.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -30.533 ± 0.069 χ^2/NDF : 510.8/15

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

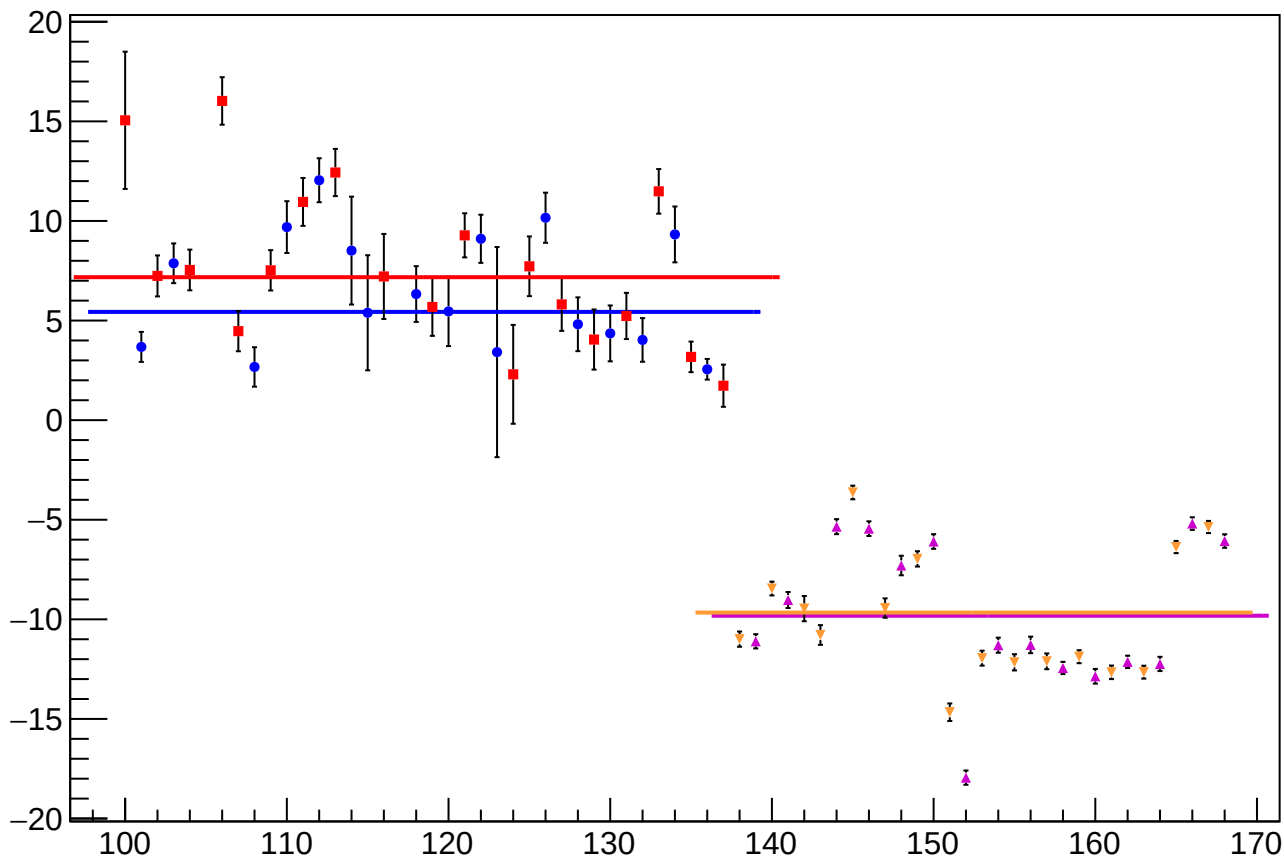
Left In: -30.685 ± 0.071 χ^2/NDF : 1050.8/14

+ sign -31.147 ± 0.063 χ^2/NDF : 2298.8/32

All: -31.241 ± 0.045 χ^2/NDF : 5167.3/66

- sign -31.339 ± 0.064 χ^2/NDF : 2864.0/33

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -9.660 ± 0.093 χ^2/NDF : 1150.3/15

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

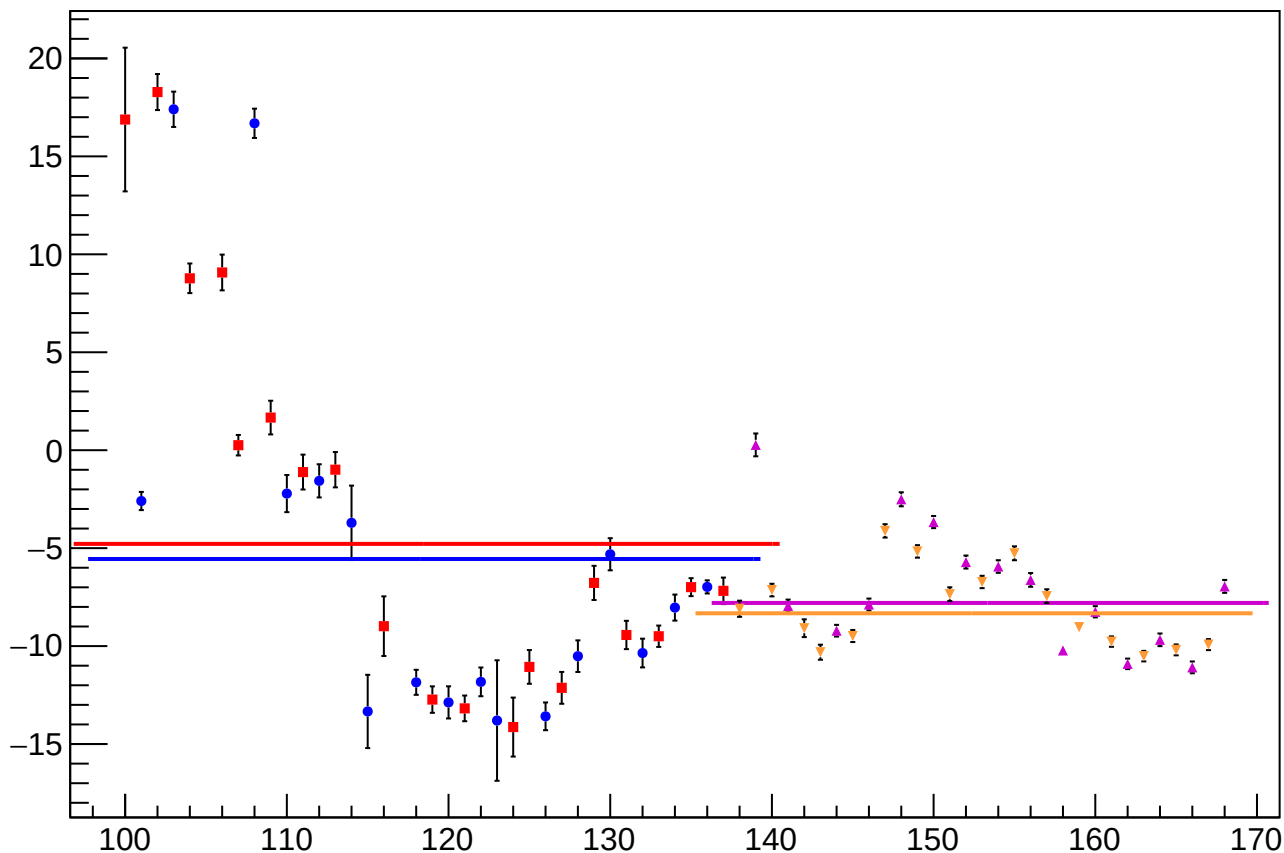
Left In: -9.818 ± 0.093 χ^2/NDF : 1543.0/14

+ sign -8.042 ± 0.088 χ^2/NDF : 4082.0/32

All: -8.049 ± 0.062 χ^2/NDF : 9251.8/66

- sign -8.056 ± 0.088 χ^2/NDF : 5169.8/33

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: -8.326 ± 0.079 χ^2/NDF : 600.7/15

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

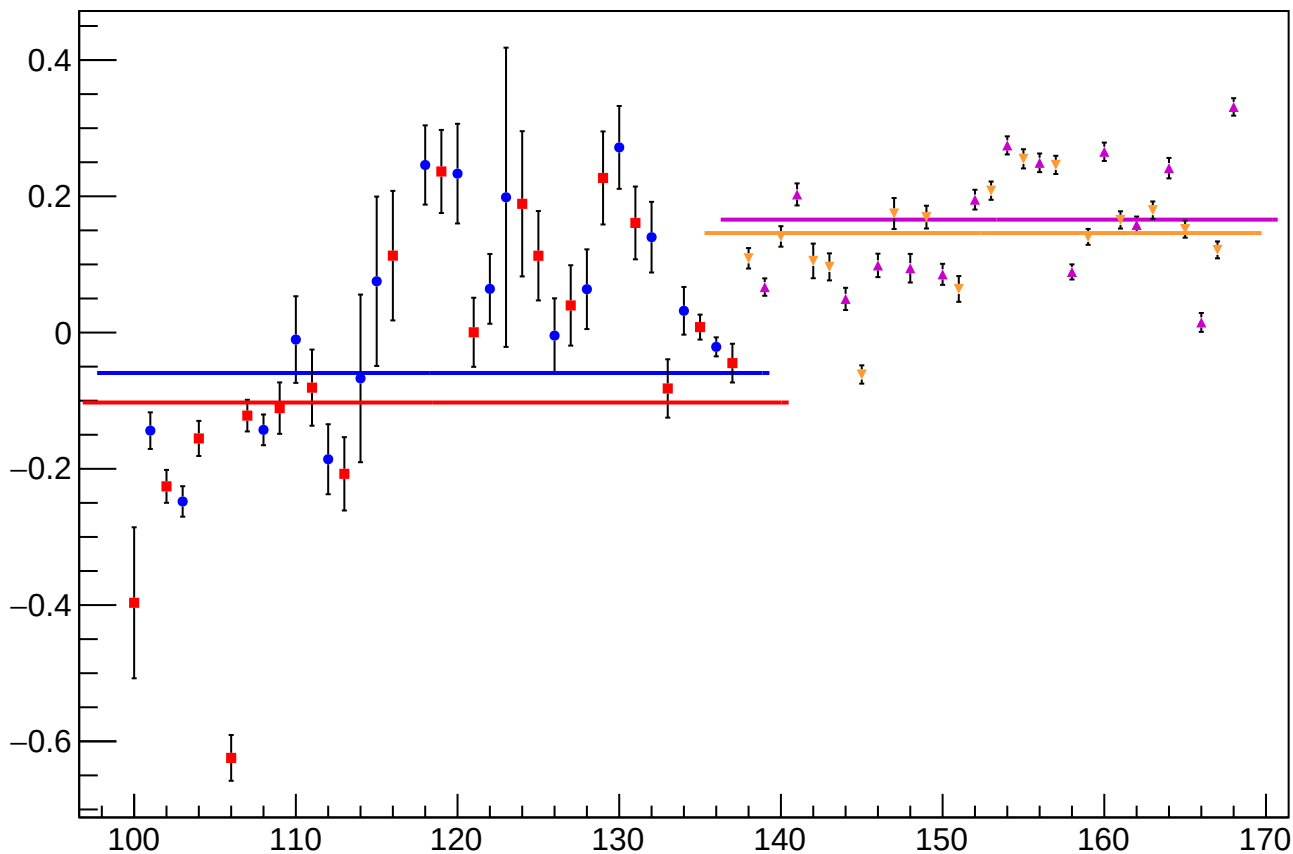
Left In: -7.796 ± 0.081 χ^2/NDF : 1090.8/14

+ sign -7.830 ± 0.072 χ^2/NDF : 2944.6/32

All: -7.547 ± 0.051 χ^2/NDF : 6356.7/66

- sign -7.253 ± 0.073 χ^2/NDF : 3380.6/33

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: 0.146 ± 0.004 χ^2/NDF : 426.9/15

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

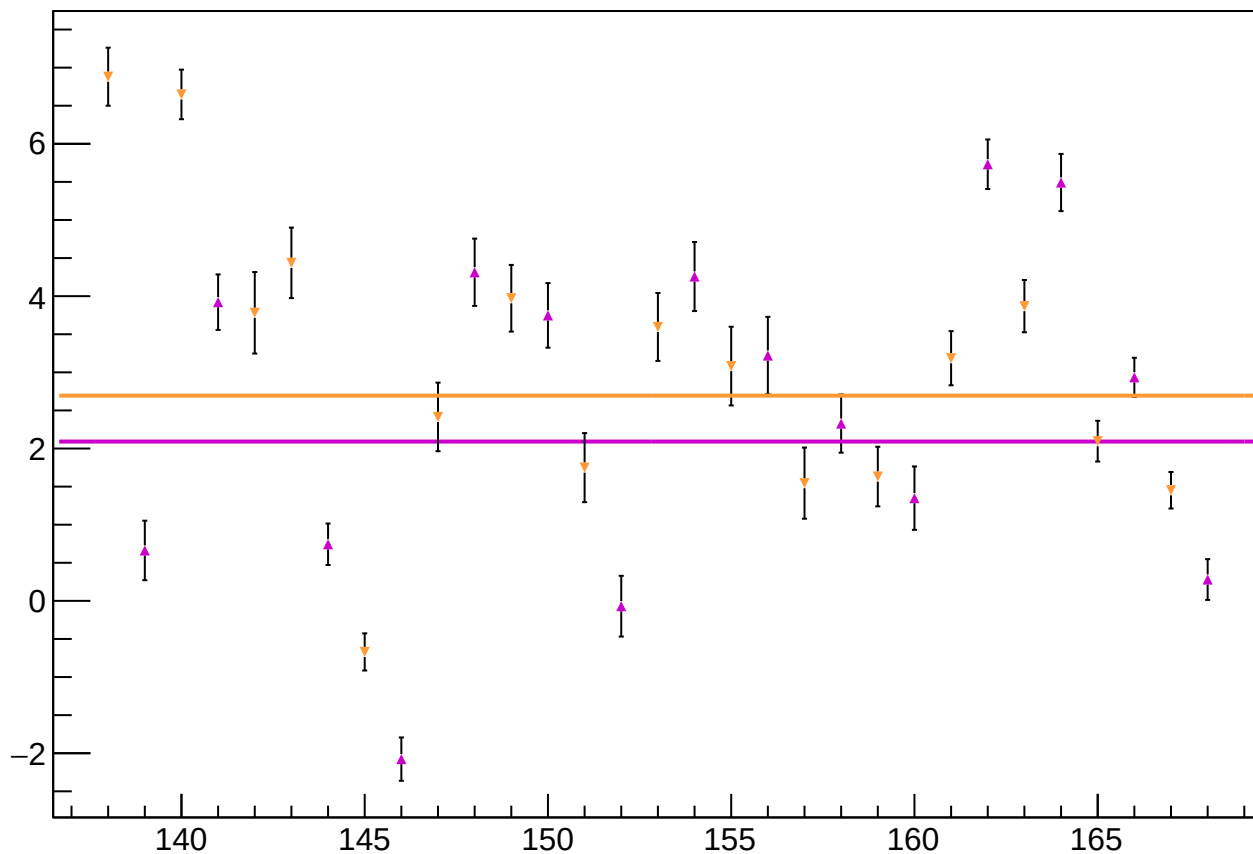
Left In: 0.166 ± 0.004 χ^2/NDF : 692.8/14

+ sign 0.114 ± 0.003 χ^2/NDF : 1148.9/32

All: 0.119 ± 0.002 χ^2/NDF : 3138.0/66

- sign 0.123 ± 0.003 χ^2/NDF : 1984.7/33

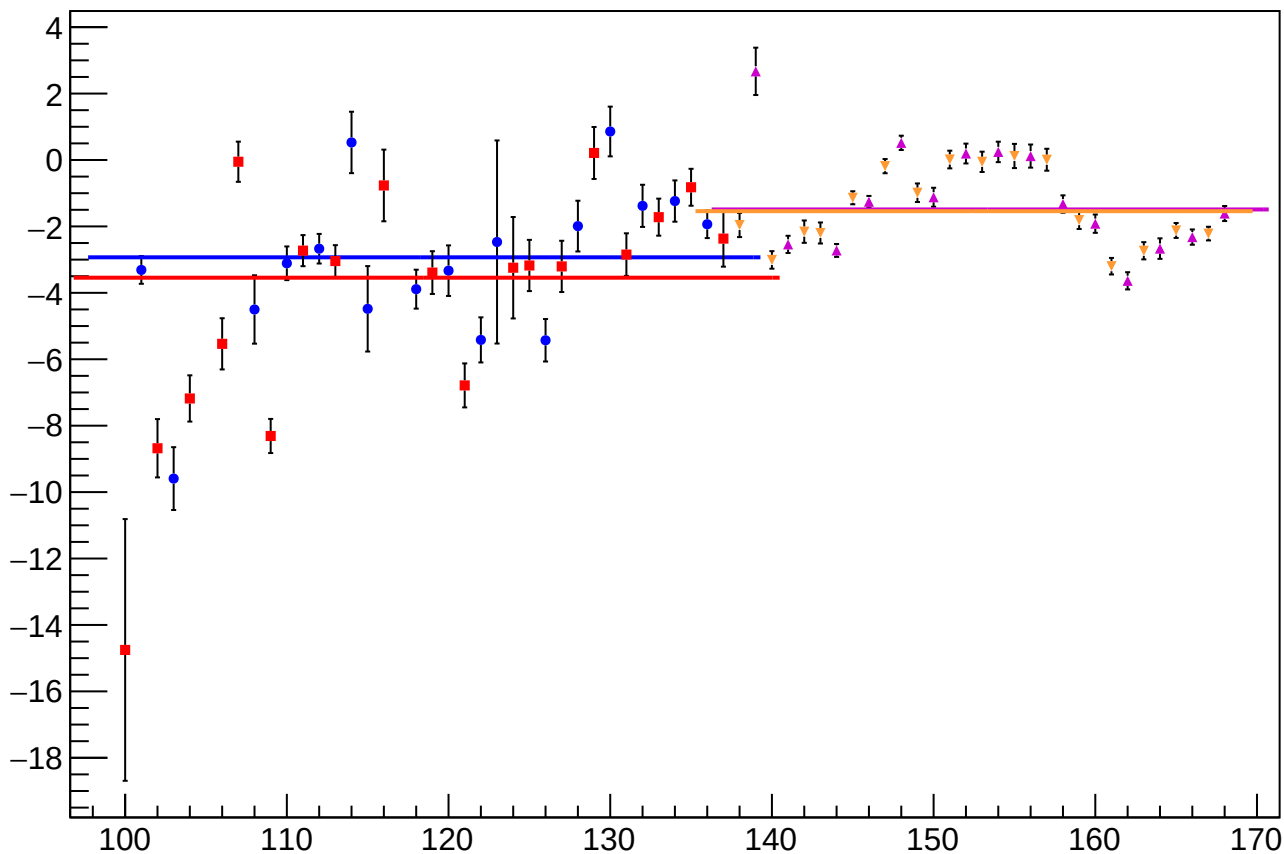
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.694 $\pm$ 0.090 χ^2 /NDF:553.9/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.092 $\pm$ 0.090 χ^2 /NDF:643.0/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.393 $\pm$ 0.063 χ^2 /NDF: 1219.4/30
 - 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: -1.541 ± 0.066 χ^2/NDF : 272.7/15

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

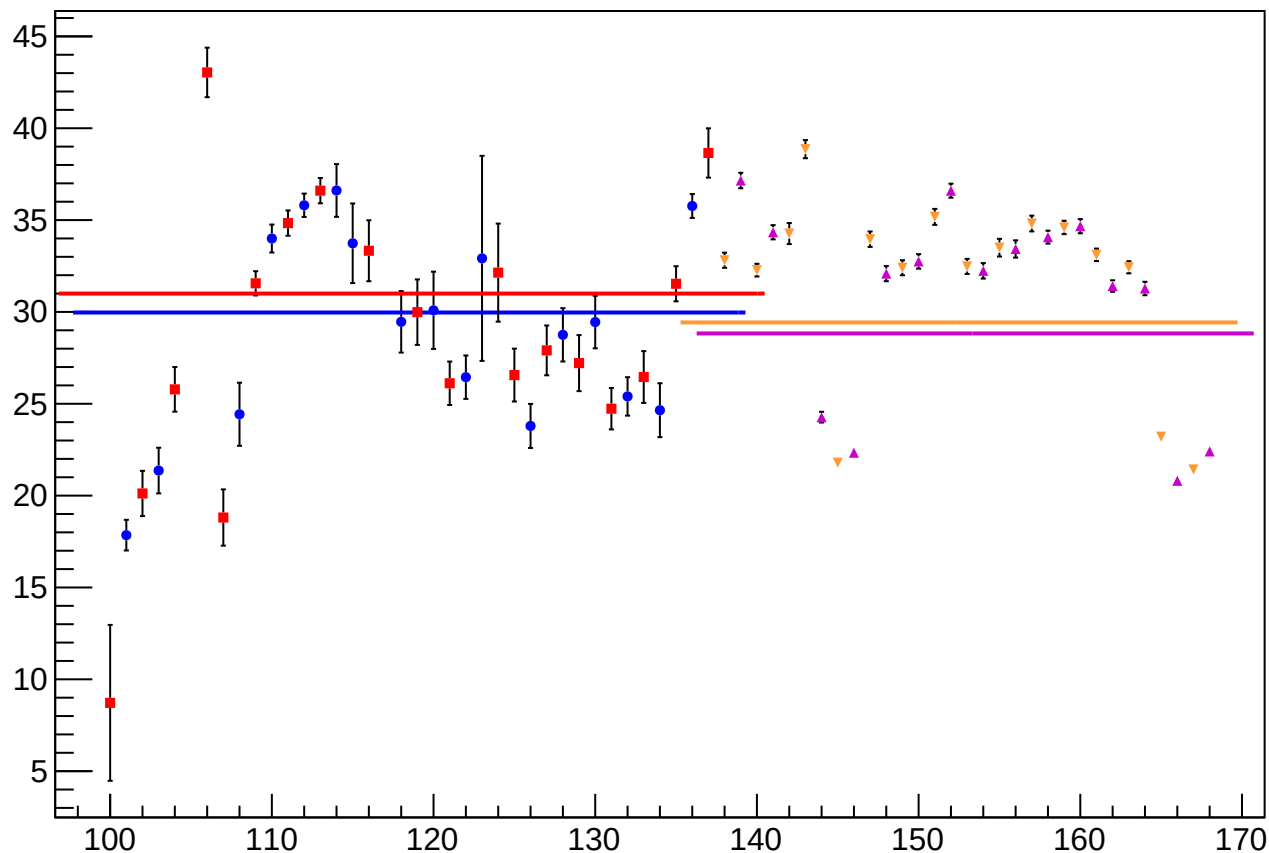
Left In: -1.489 ± 0.066 χ^2/NDF : 365.3/14

+ sign -1.756 ± 0.060 χ^2/NDF : 488.1/32

All: -1.780 ± 0.043 χ^2/NDF : 1295.0/66

- sign -1.804 ± 0.060 χ^2/NDF : 806.6/33

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 29.428 $\pm$ 0.090 χ^2 /NDF: 4074.9/15

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

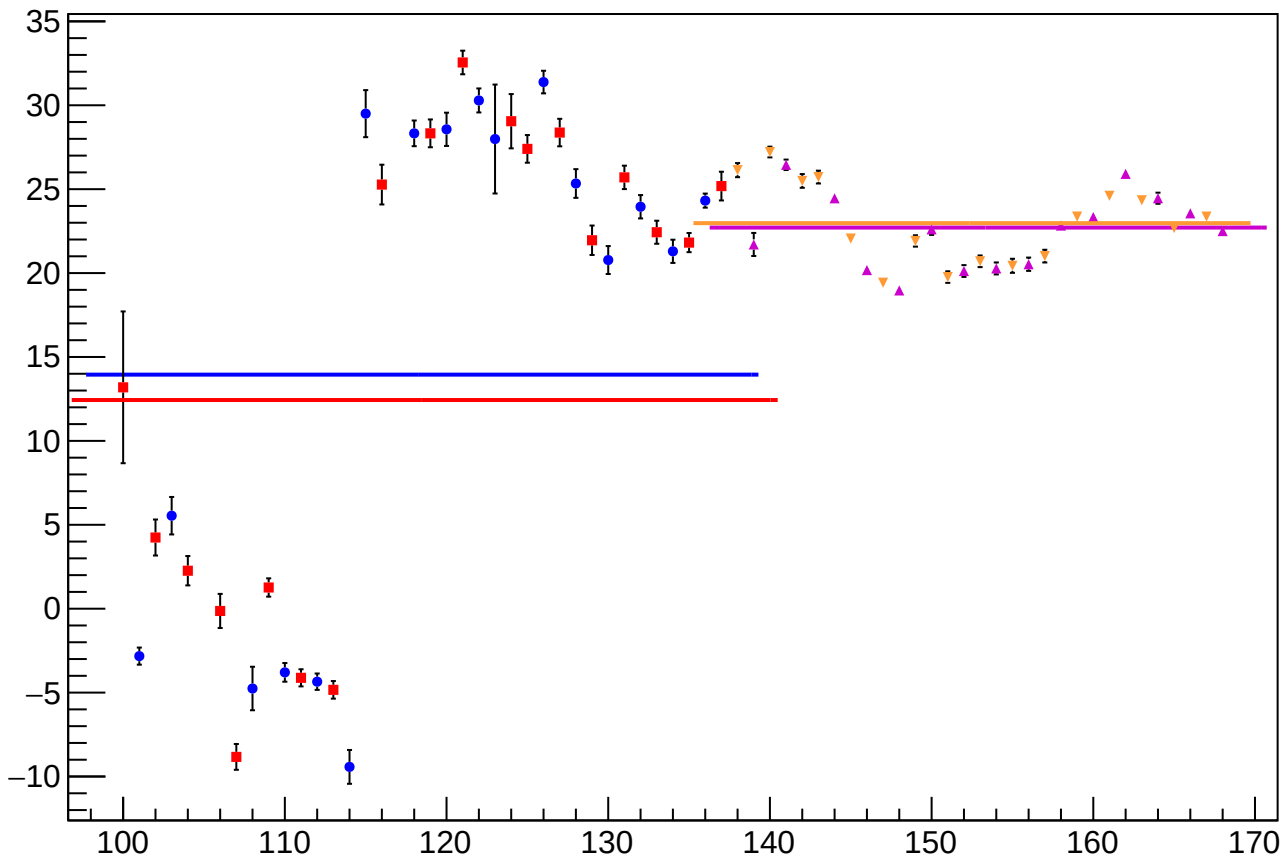
Left In: 28.830 $\pm$ 0.089 χ^2 /NDF: 4206.8/14

+ sign 29.483 $\pm$ 0.085 χ^2 /NDF: 4632.9/32

All: 29.267 $\pm$ 0.060 χ^2 /NDF: 9394.5/66

- sign 29.055 $\pm$ 0.084 χ^2 /NDF: 4748.8/33

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: 22.975 $\pm$ 0.076 χ^2 /NDF: 755.7/15

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

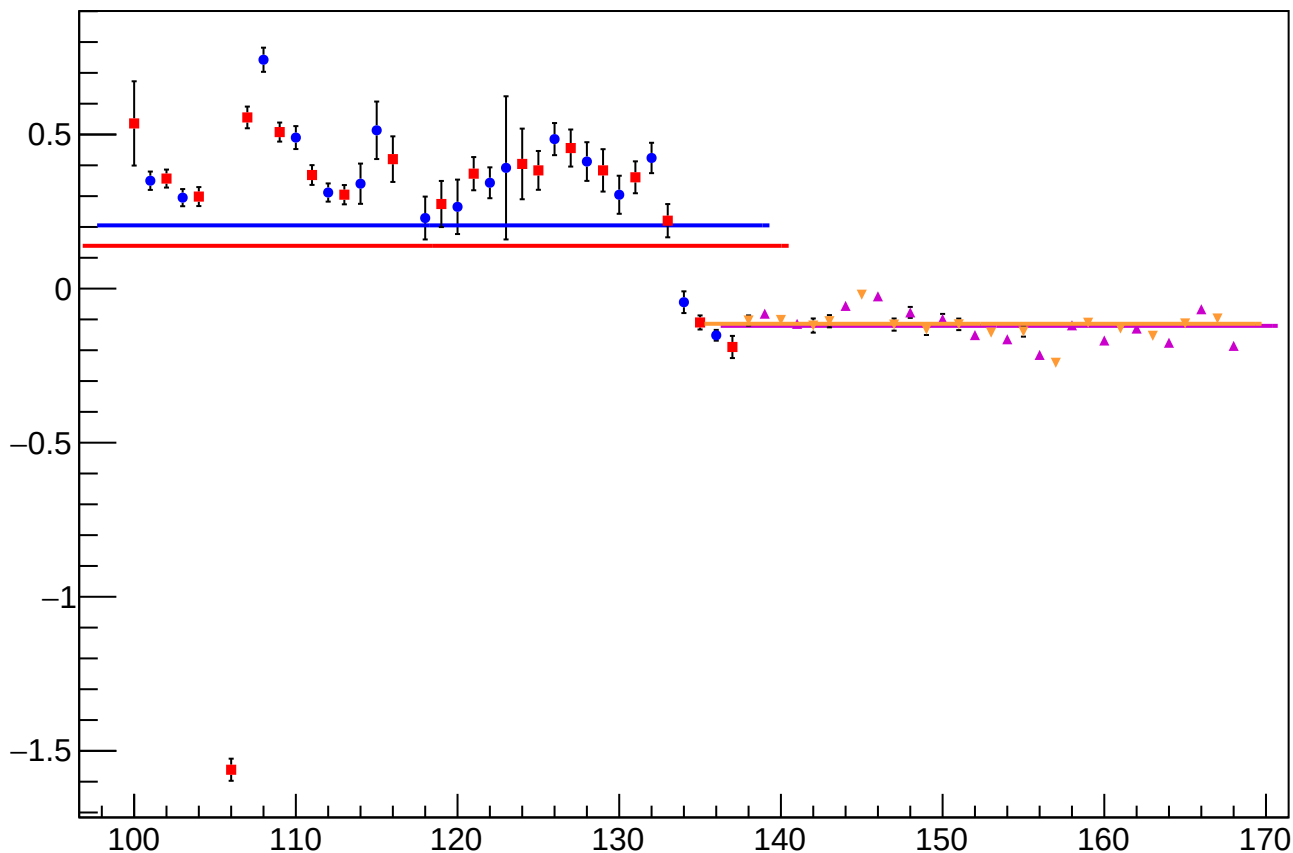
Left In: 22.712 $\pm$ 0.076 χ^2 /NDF: 807.7/14

+ sign 21.513 $\pm$ 0.069 χ^2 /NDF: 10456.9/32

All: 21.285 $\pm$ 0.049 χ^2 /NDF: 21185.9/66

- sign 21.054 $\pm$ 0.070 χ^2 /NDF: 10707.3/33

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.2/16

Left Out: -0.114 $\pm$ 0.004 χ^2 /NDF: 184.1/15

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

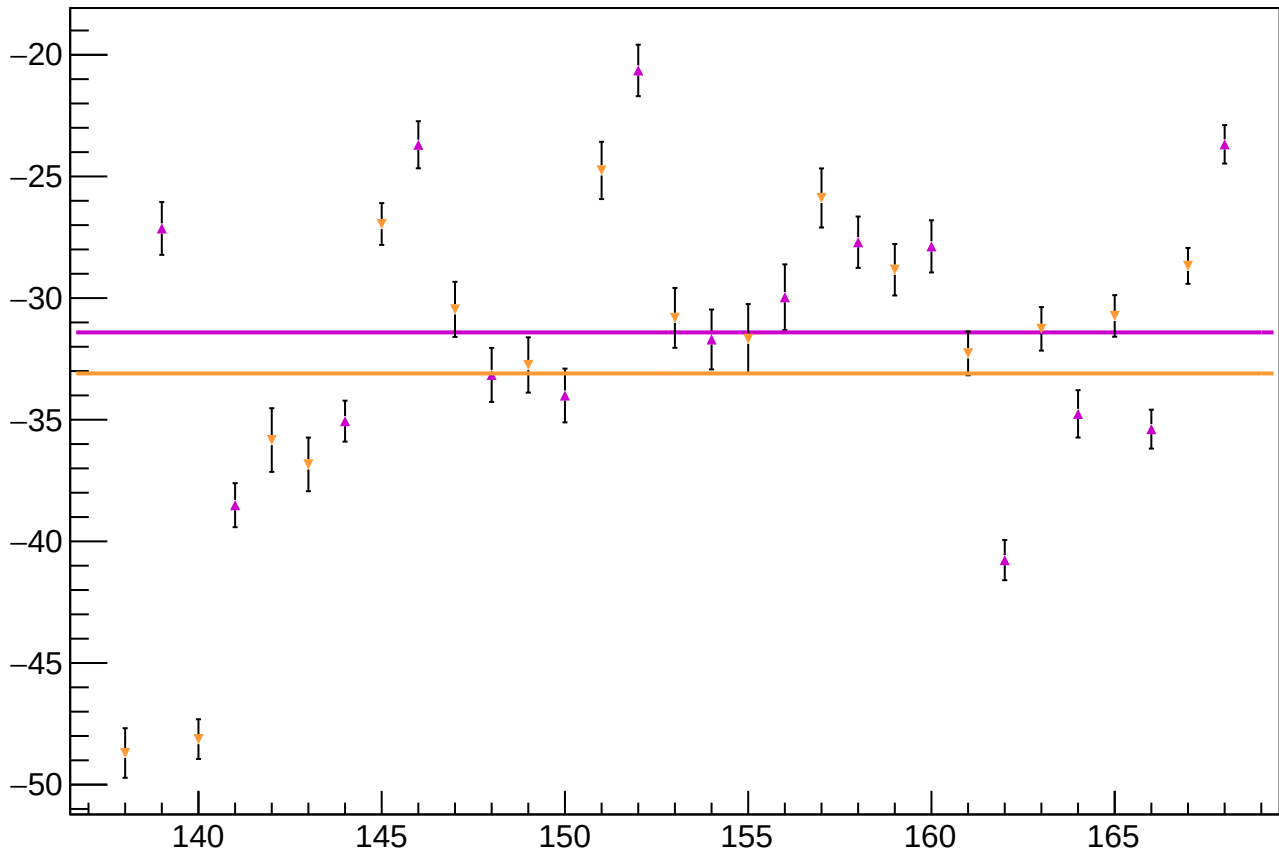
Left In: -0.121 $\pm$ 0.004 χ^2 /NDF: 235.4/14

+ sign -0.075 $\pm$ 0.003 χ^2 /NDF: 2049.4/32

All: -0.081 $\pm$ 0.002 χ^2 /NDF: 6004.7/66

- sign -0.088 $\pm$ 0.003 χ^2 /NDF: 3947.5/33

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -33.098 $\pm$ 0.251 χ^2 /NDF: 800.4/15

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

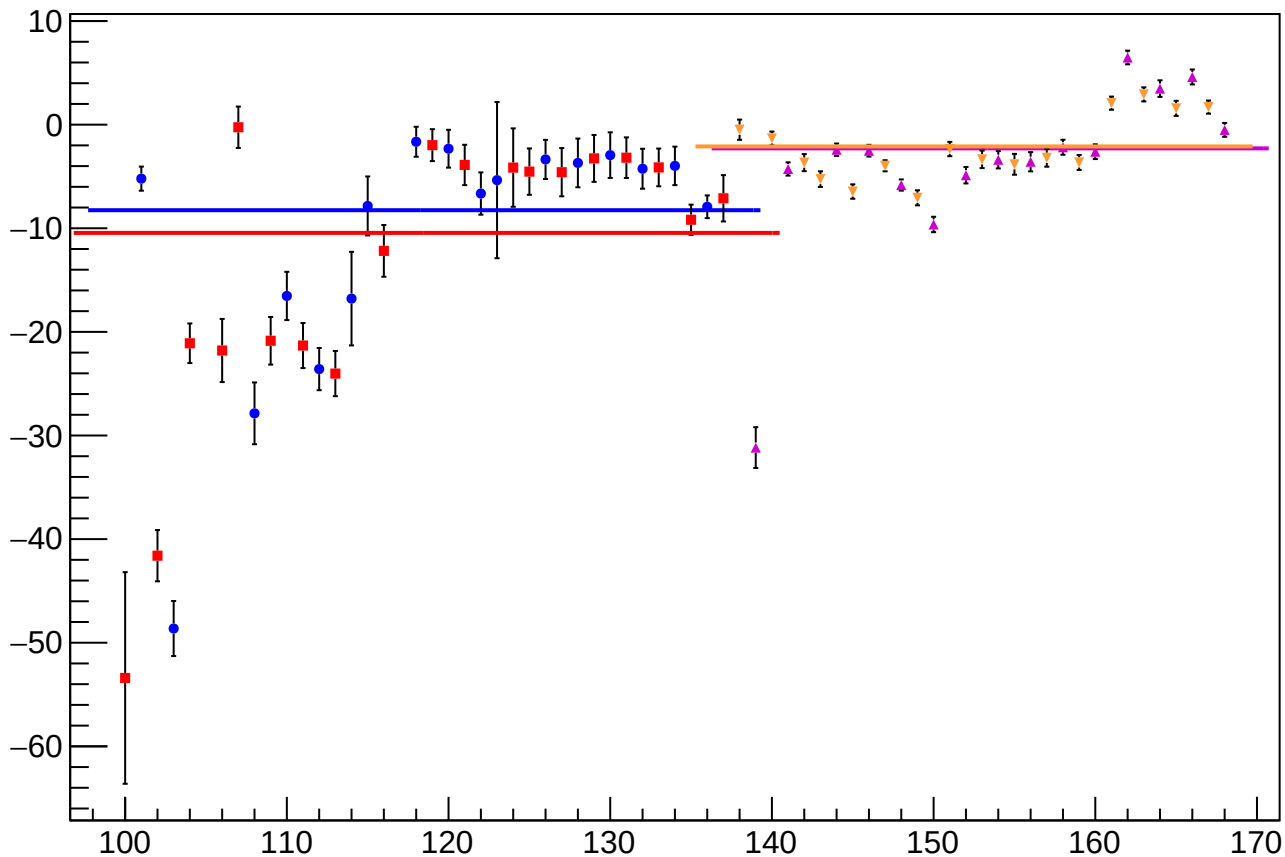
Left In: -31.410 $\pm$ 0.252 χ^2 /NDF: 556.4/14

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

All: -32.258 $\pm$ 0.178 χ^2 /NDF: 1379.3/30

- sign 0.000 $\pm$ 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 $\chi^2/\text{NDF}: 412.1/16$

Left Out: -2.101 ± 0.180 $\chi^2/\text{NDF}: 294.1/15$

Right Out: -10.446 ± 0.491 $\chi^2/\text{NDF}: 428.4/18$

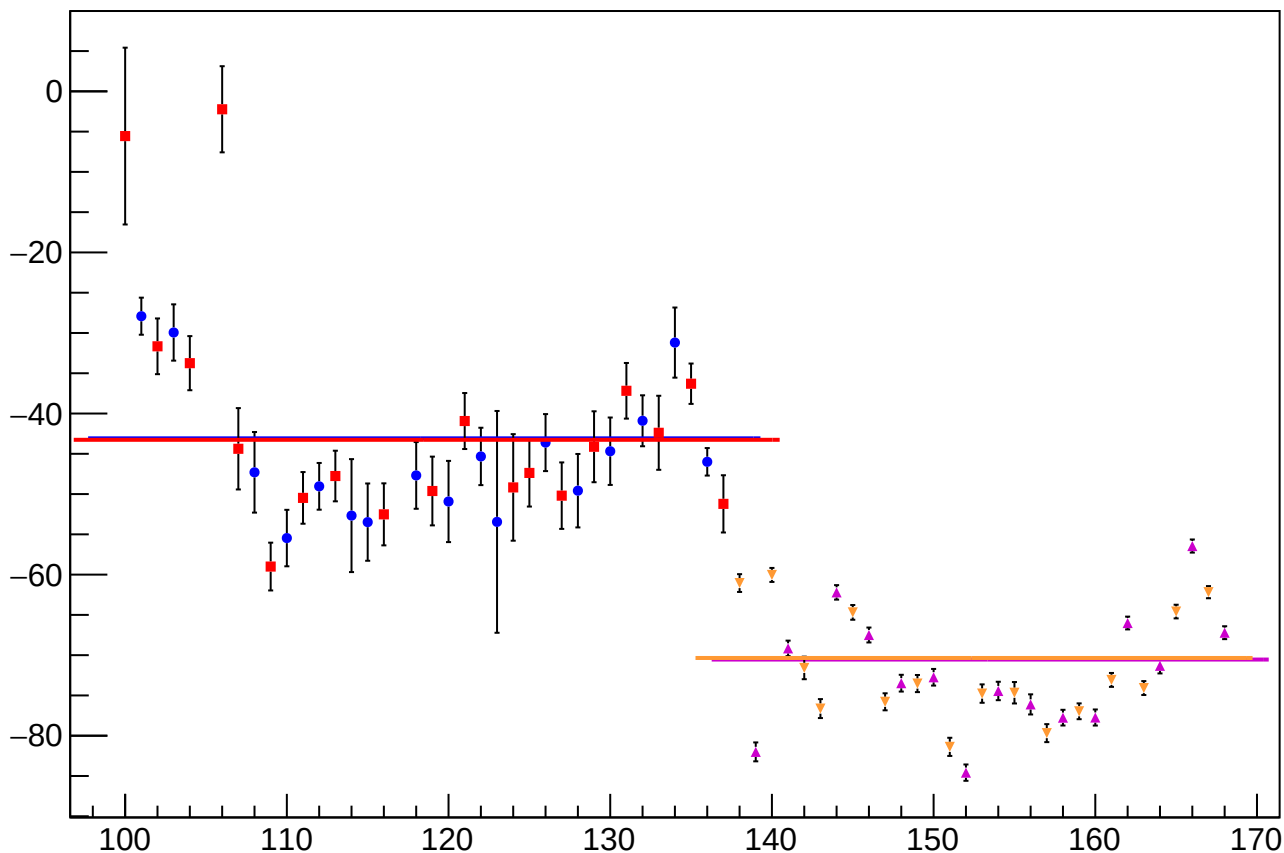
Left In: -2.289 ± 0.183 $\chi^2/\text{NDF}: 706.8/14$

+ sign -2.914 ± 0.168 $\chi^2/\text{NDF}: 860.2/32$

All: -3.094 ± 0.120 $\chi^2/\text{NDF}: 2240.0/66$

- sign -3.282 ± 0.171 $\chi^2/\text{NDF}: 1377.4/33$

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: -70.349 ± 0.249 χ^2/NDF : 743.1/15

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

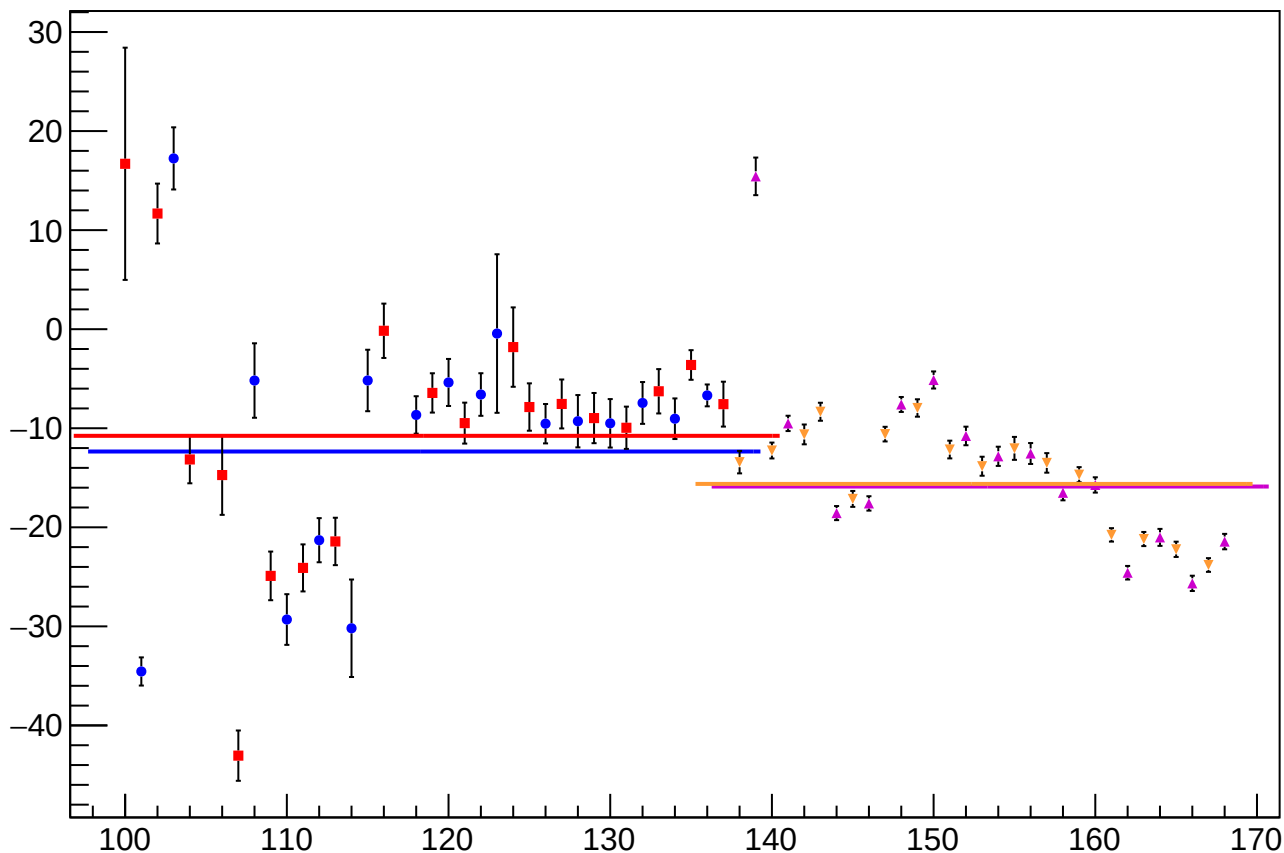
Left In: -70.545 ± 0.248 χ^2/NDF : 887.1/14

+ sign -68.119 ± 0.239 χ^2/NDF : 1823.1/32

All: -68.300 ± 0.169 χ^2/NDF : 3782.1/66

- sign -68.480 ± 0.238 χ^2/NDF : 1957.8/33

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: -15.620 ± 0.209 χ^2/NDF : 602.0/15

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

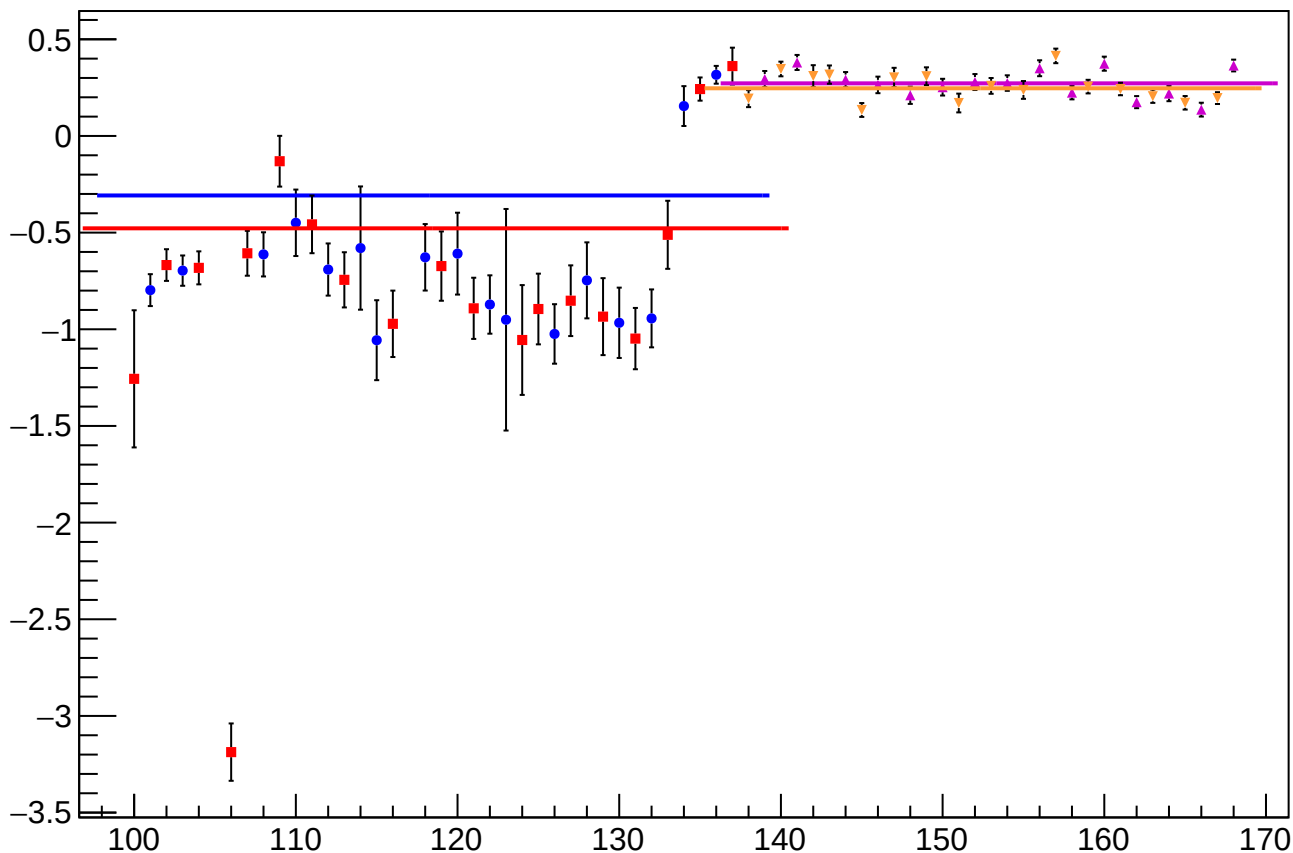
Left In: -15.884 ± 0.212 χ^2/NDF : 1093.1/14

+ sign -15.166 ± 0.194 χ^2/NDF : 1112.1/32

All: -15.196 ± 0.138 χ^2/NDF : 2646.4/66

- sign -15.228 ± 0.198 χ^2/NDF : 1534.3/33

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: 0.247 ± 0.010 χ^2/NDF : 56.0/15

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

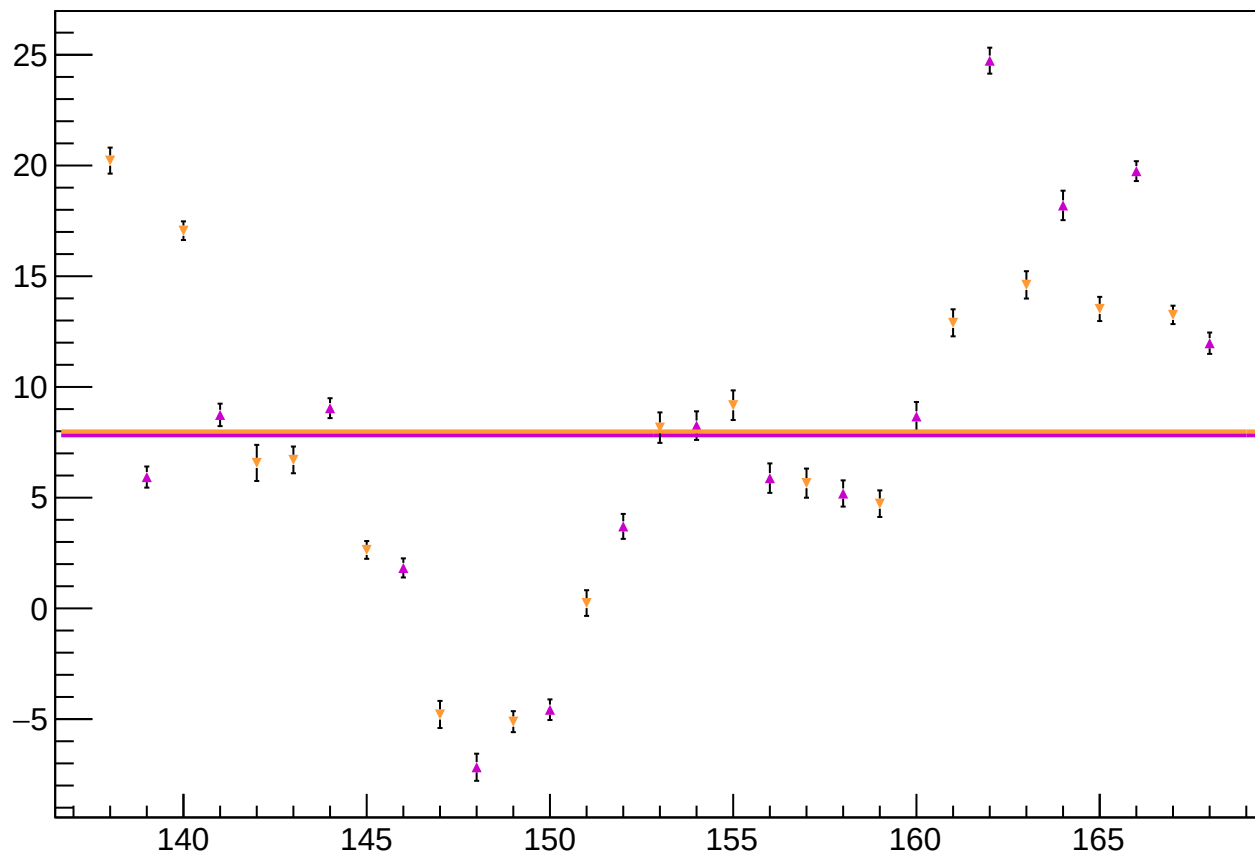
Left In: 0.272 ± 0.010 χ^2/NDF : 58.8/14

+ sign 0.184 ± 0.009 χ^2/NDF : 788.4/32

All: 0.188 ± 0.007 χ^2/NDF : 2096.6/66

- sign 0.193 ± 0.009 χ^2/NDF : 1307.7/33

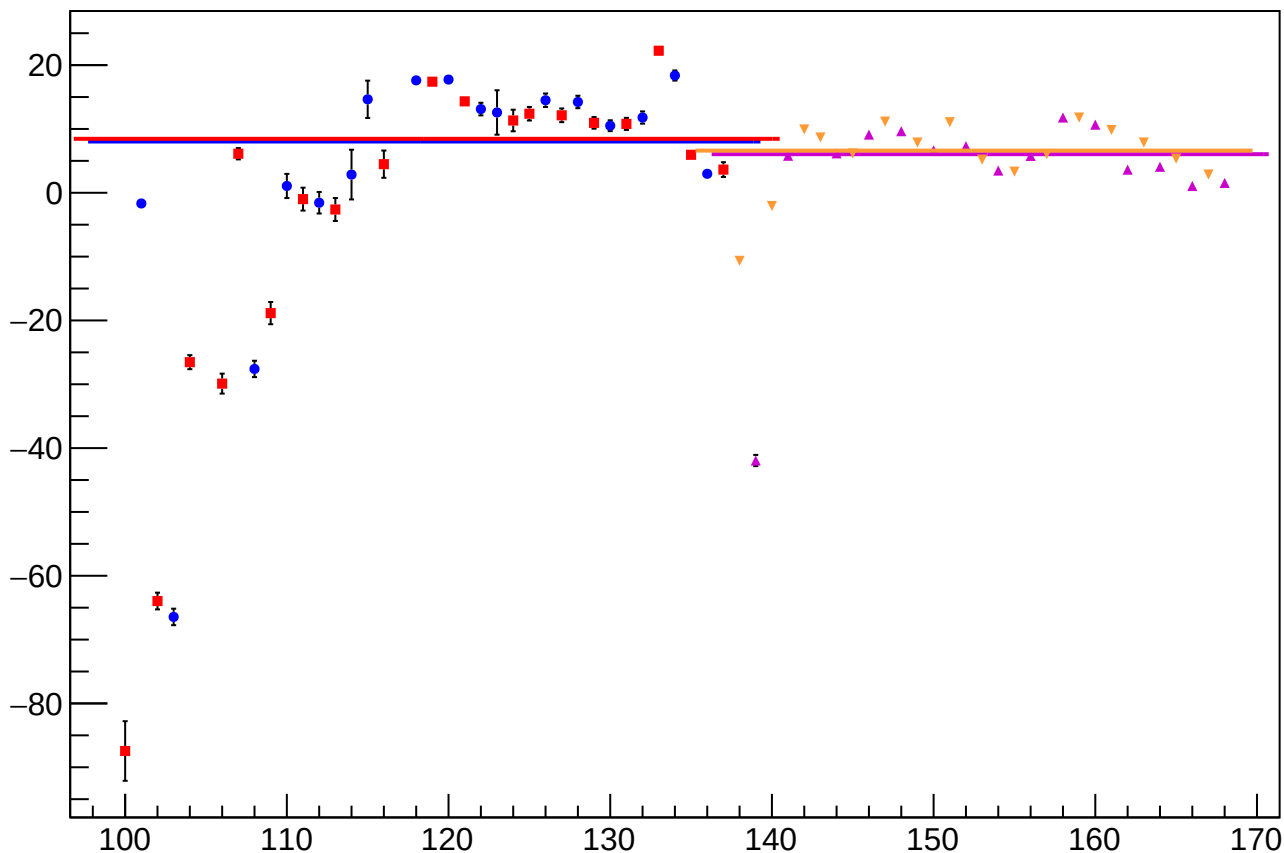
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.992 $\pm$ 0.137 χ^2 /NDF:2947.0/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.817 $\pm$ 0.137 χ^2 /NDF:3466.7/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 7.904 $\pm$ 0.097 χ^2 /NDF: 6414.5/30
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 ± 0.215 $\chi^2/\text{NDF}: 5369.4/16$

Left Out: 6.608 ± 0.099 $\chi^2/\text{NDF}: 2341.7/15$

Right Out: 8.454 ± 0.213 $\chi^2/\text{NDF}: 6704.4/18$

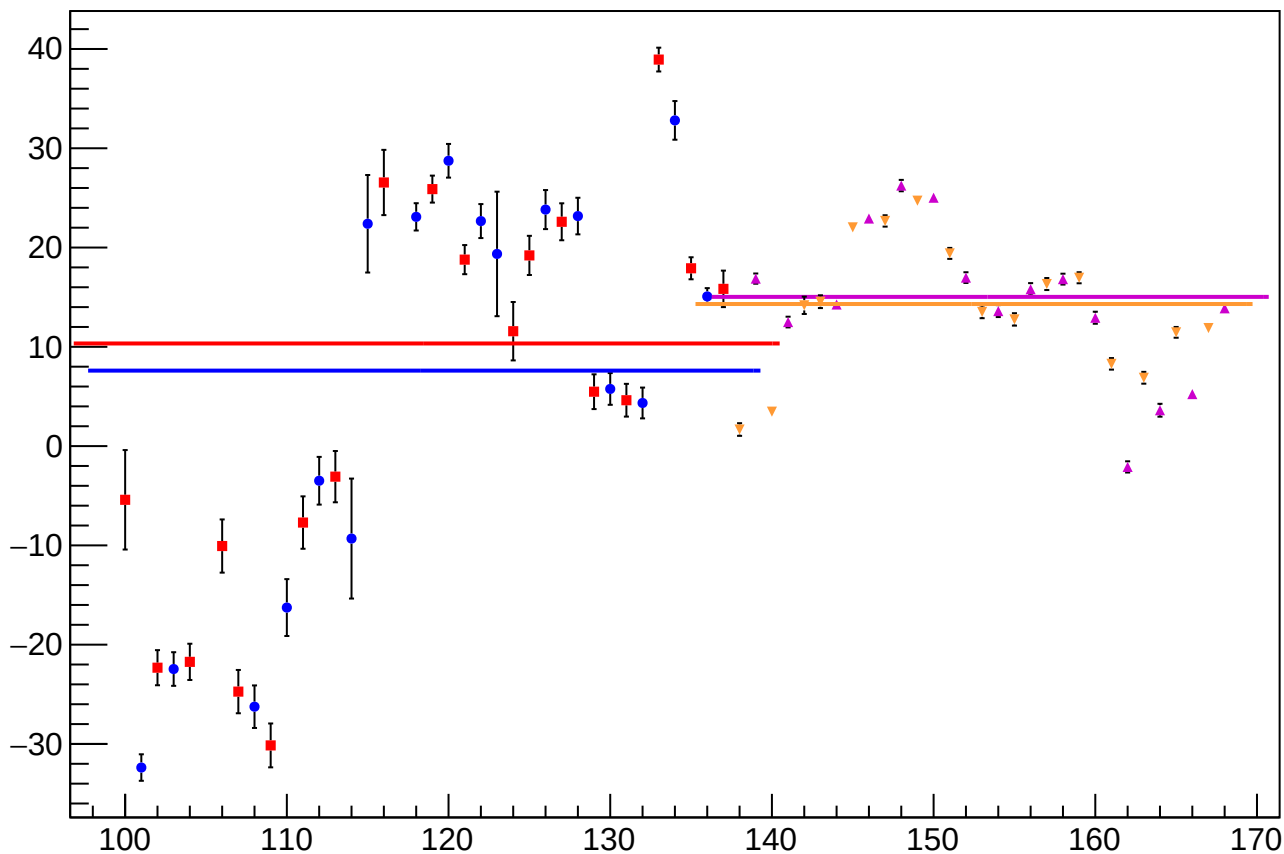
Left In: 6.045 ± 0.100 $\chi^2/\text{NDF}: 3913.5/14$

+ sign 6.857 ± 0.090 $\chi^2/\text{NDF}: 7747.5/32$

All: 6.672 ± 0.064 $\chi^2/\text{NDF}: 18478.4/66$

- sign 6.482 ± 0.091 $\chi^2/\text{NDF}: 10722.3/33$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 14.312 ± 0.136 χ^2/NDF : 2521.0/15

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

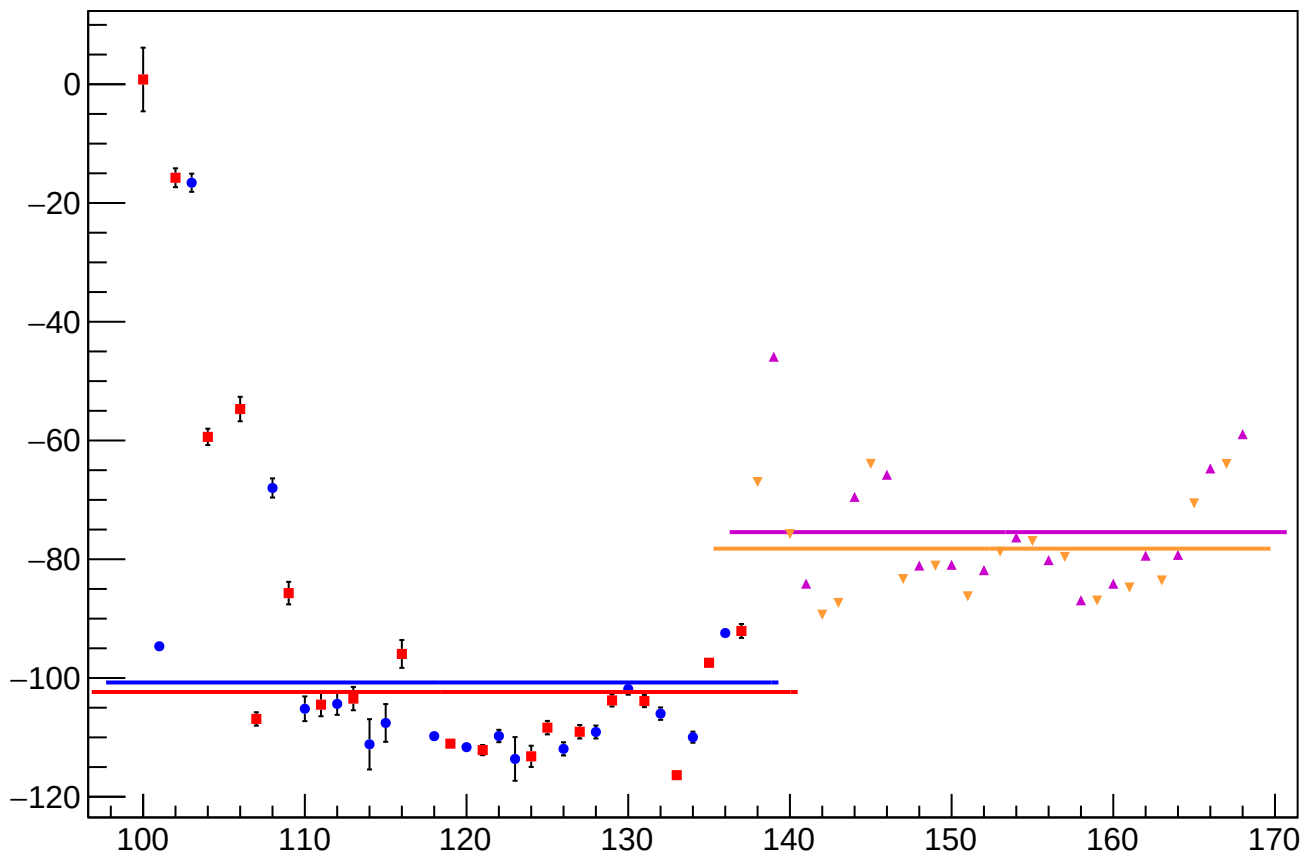
Left In: 15.031 ± 0.135 χ^2/NDF : 3044.2/14

+ sign 13.660 ± 0.130 χ^2/NDF : 5081.0/32

All: 14.128 ± 0.091 χ^2/NDF : 10547.8/66

- sign 14.586 ± 0.128 χ^2/NDF : 5441.0/33

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: -78.214 ± 0.115 χ^2/NDF : 5254.0/15

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

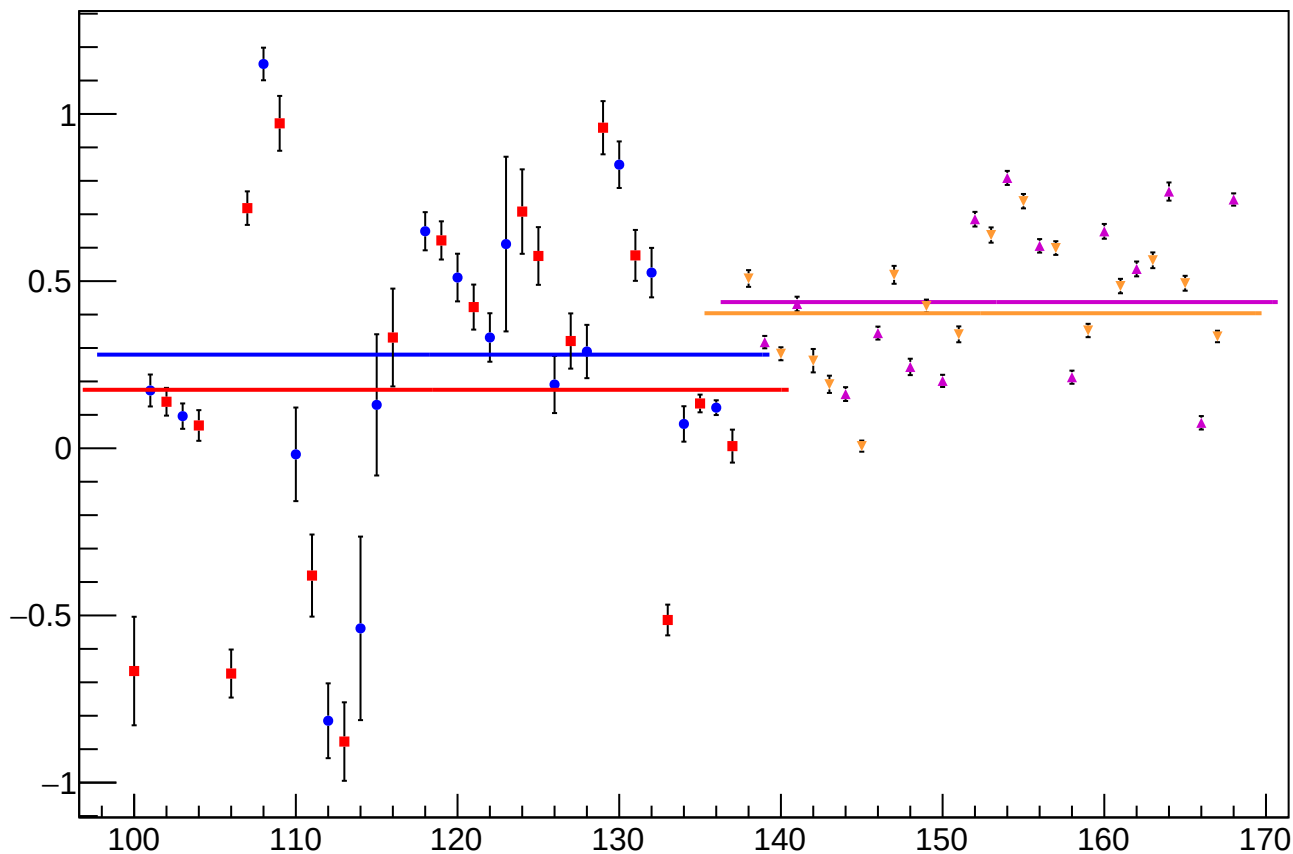
Left In: -75.430 ± 0.117 χ^2/NDF : 6280.2/14

+ sign -82.215 ± 0.104 χ^2/NDF : 16569.7/32

All: -81.300 ± 0.074 χ^2/NDF : 38847.1/66

- sign -80.368 ± 0.105 χ^2/NDF : 22122.7/33

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 $\pm$ 0.013 χ^2/NDF : 656.0/16

Left Out: 0.404 $\pm$ 0.005 χ^2/NDF :1272.5/15

Right Out: 0.175 $\pm$ 0.013 χ^2/NDF : 966.7/18

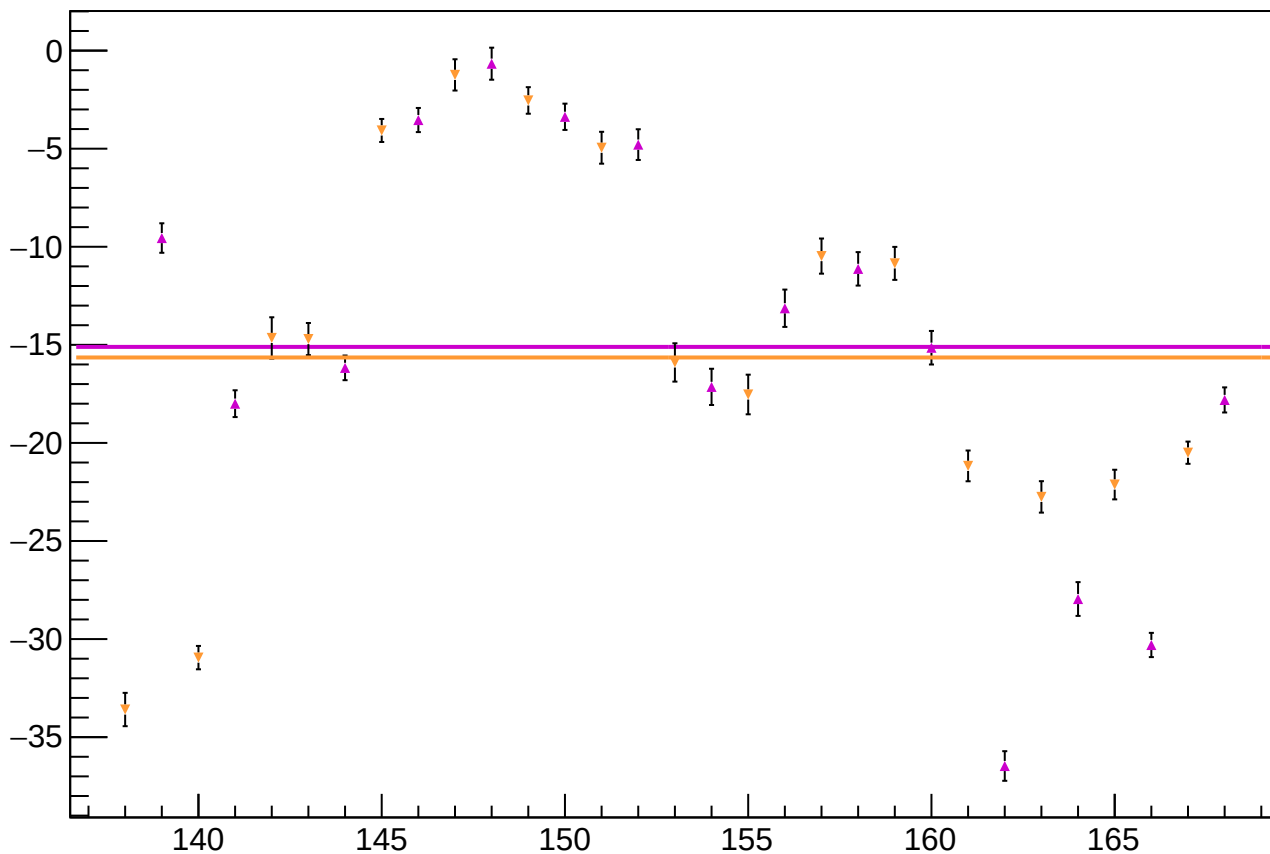
Left In: 0.437 $\pm$ 0.005 χ^2/NDF :1970.0/14

+ sign 0.387 $\pm$ 0.005 χ^2/NDF : 2001.4/32

All: 0.394 $\pm$ 0.004 χ^2/NDF : 5271.1/66

- sign 0.401 $\pm$ 0.005 χ^2/NDF : 3265.5/33

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -15.644+/-0.191 χ^2/NDF : 2716.1/15

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

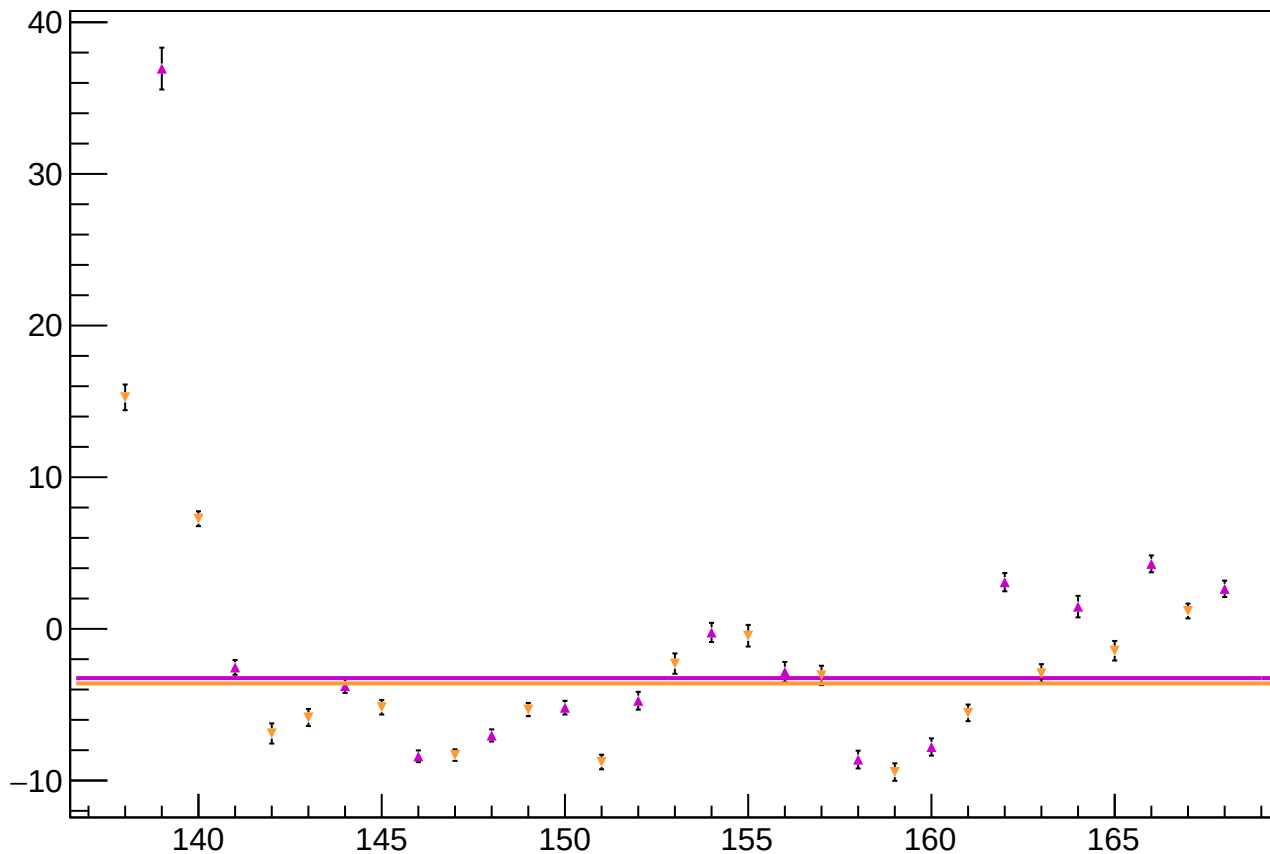
Left In: -15.105+/-0.190 χ^2/NDF : 2898.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.374+/-0.135 χ^2/NDF : 5618.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

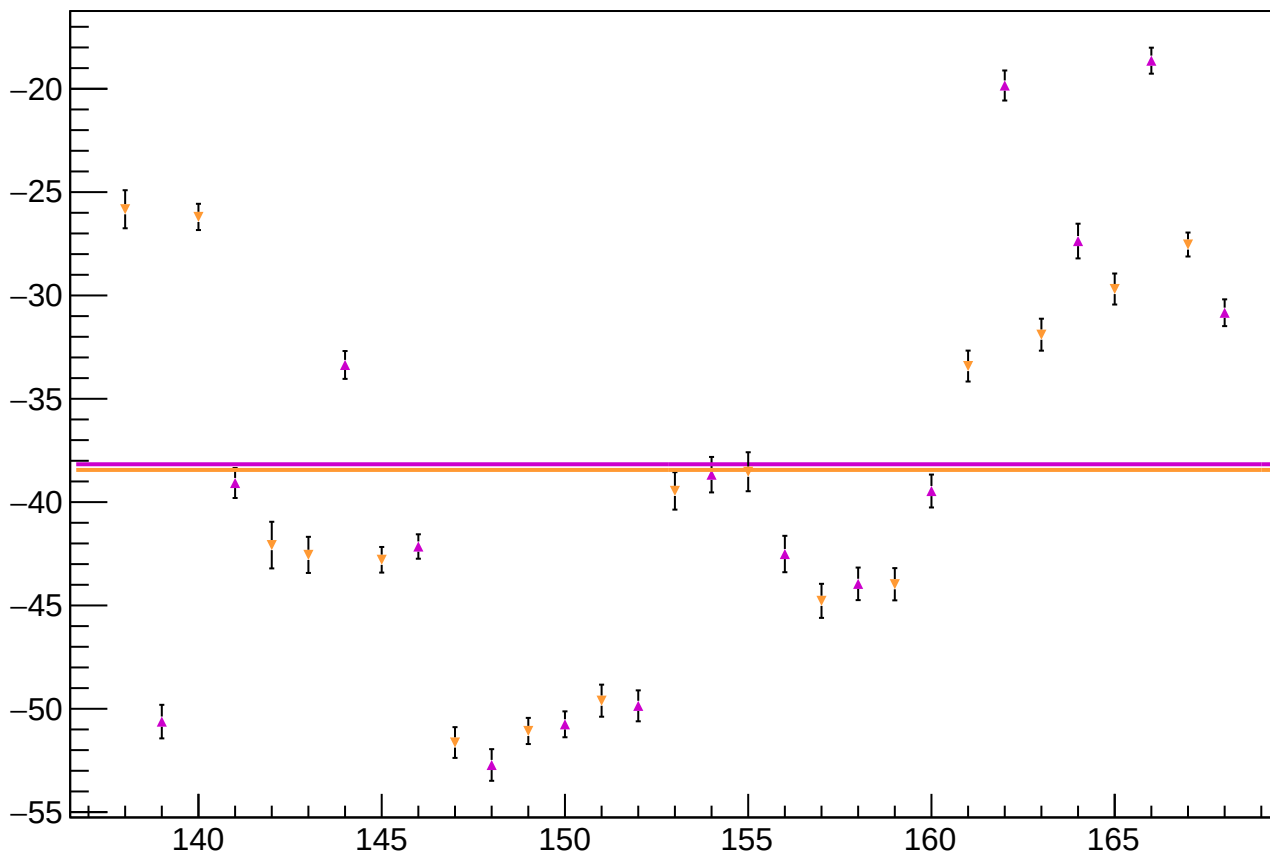
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.597 $\pm$ 0.136 χ^2 /NDF:1573.1/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.246 $\pm$ 0.138 χ^2 /NDF:1766.7/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -3.424 $\pm$ 0.097 χ^2 /NDF: 3343.1/30
 - sign 0.000 $\pm$ 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: -38.443+/-0.189 χ^2/NDF : 2277.4/15

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

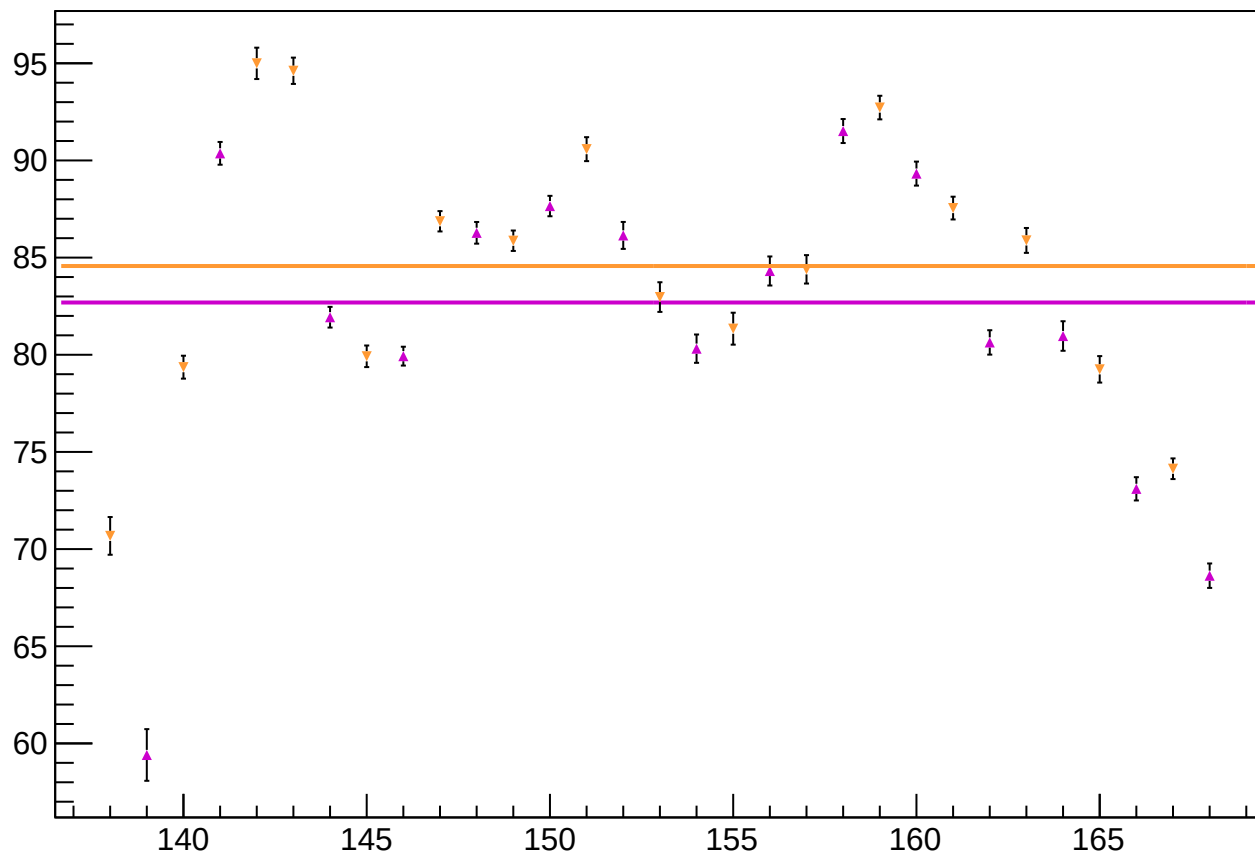
Left In: -38.168+/-0.187 χ^2/NDF : 3314.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.304+/-0.133 χ^2/NDF : 5592.5/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 84.567+/-0.159 χ^2/NDF :1536.6/15

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

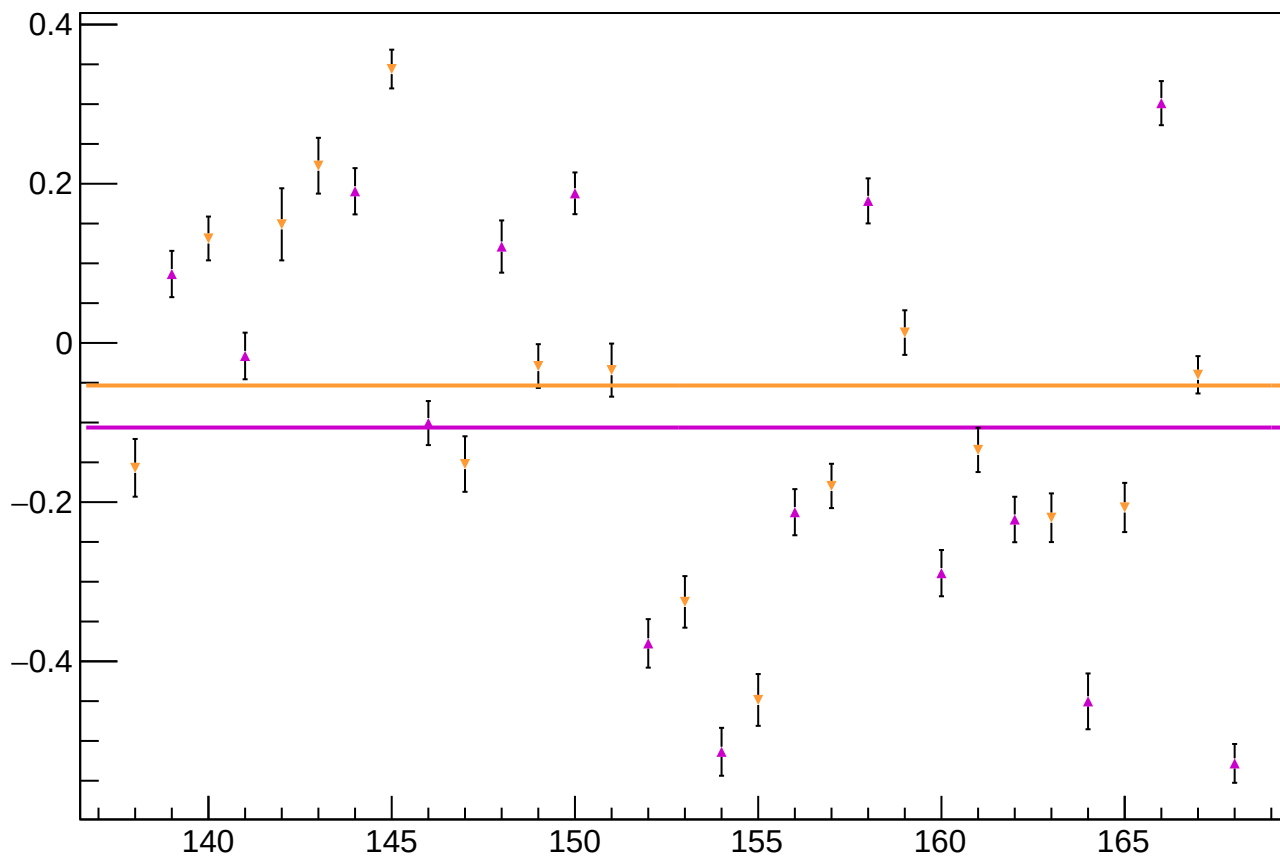
Left In: 82.689+/-0.161 χ^2/NDF :1774.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.640+/-0.113 χ^2/NDF : 3380.4/30

- 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: -0.053+/-0.007 χ^2/NDF : 718.0/15

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

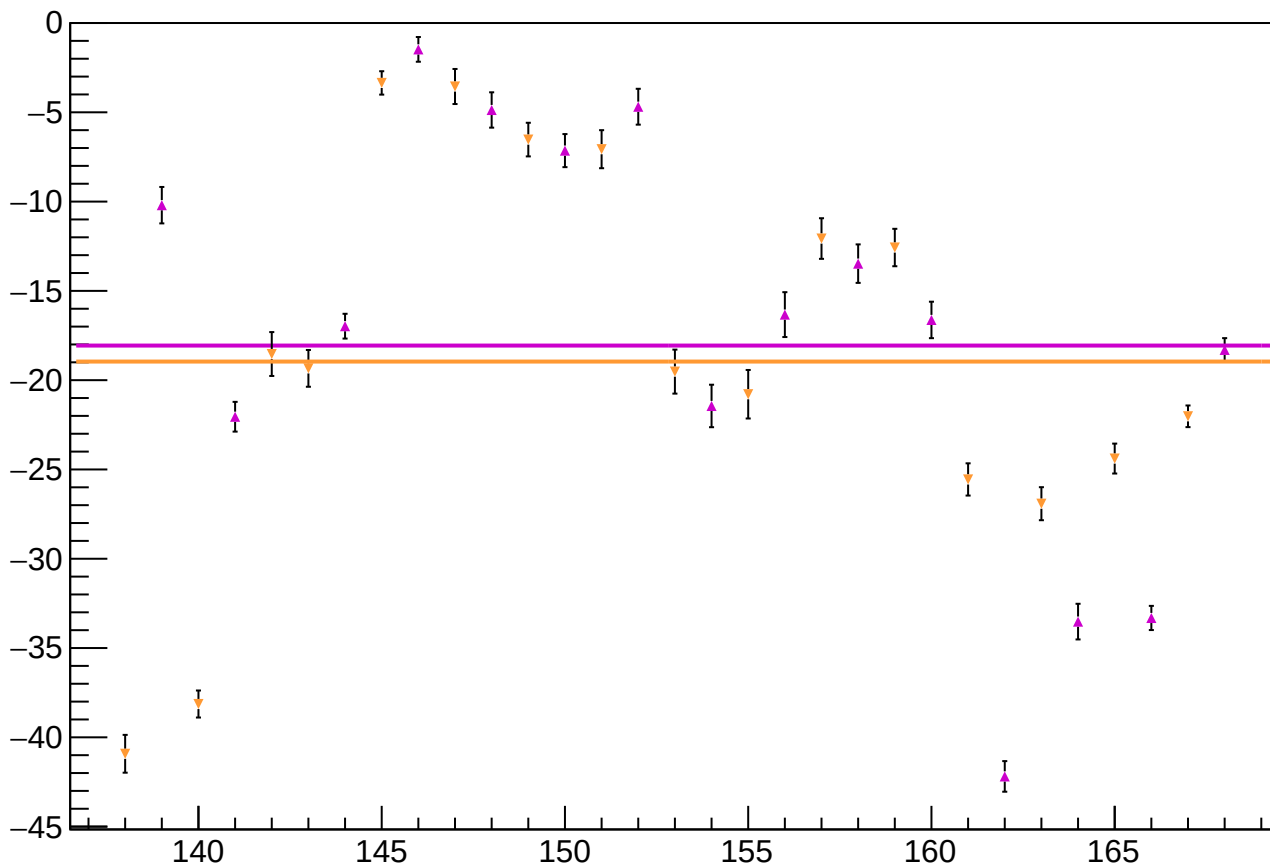
Left In: -0.106+/-0.007 χ^2/NDF : 1377.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.080+/-0.005 χ^2/NDF : 2120.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.958+/-0.229 χ^2/NDF : 2456.7/15

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

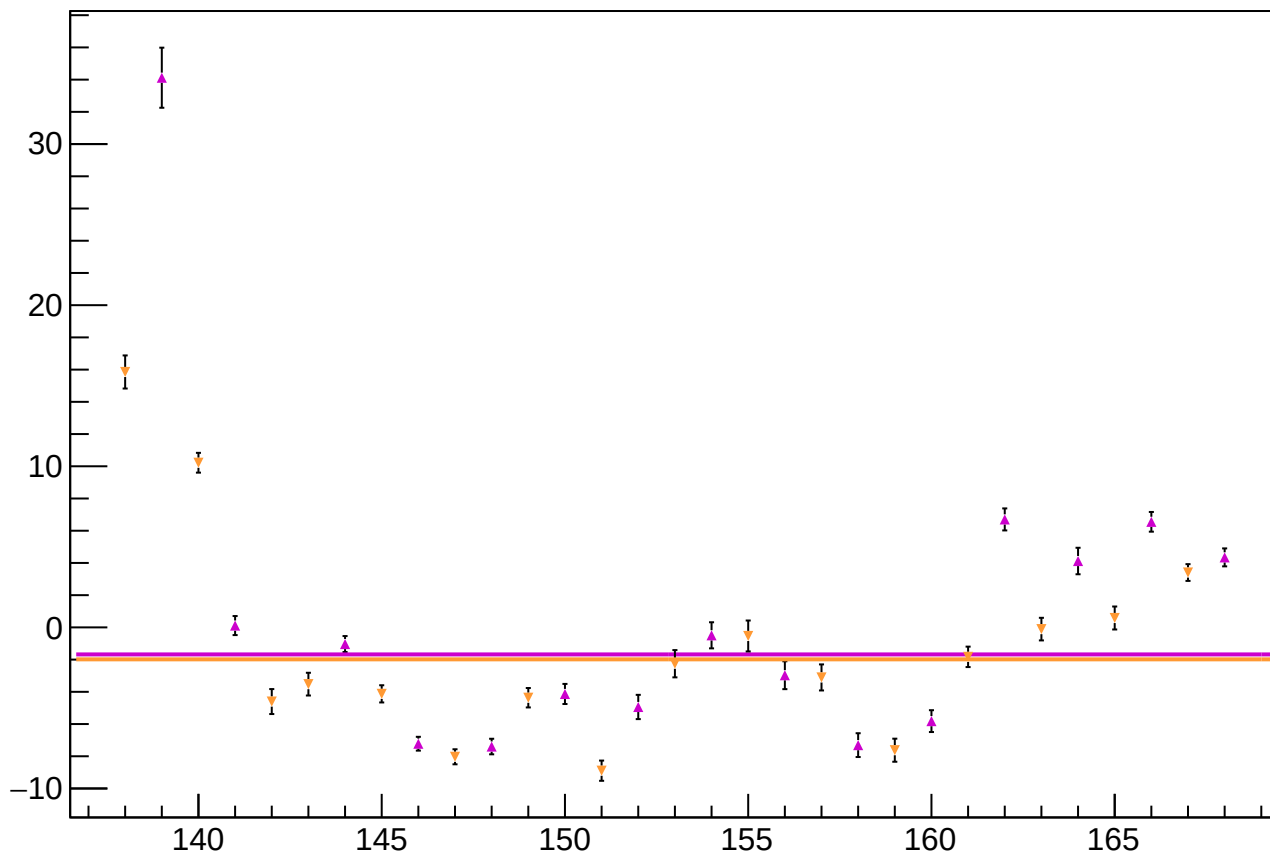
Left In: -18.062+/-0.225 χ^2/NDF : 2722.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.502+/-0.161 χ^2/NDF : 5187.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

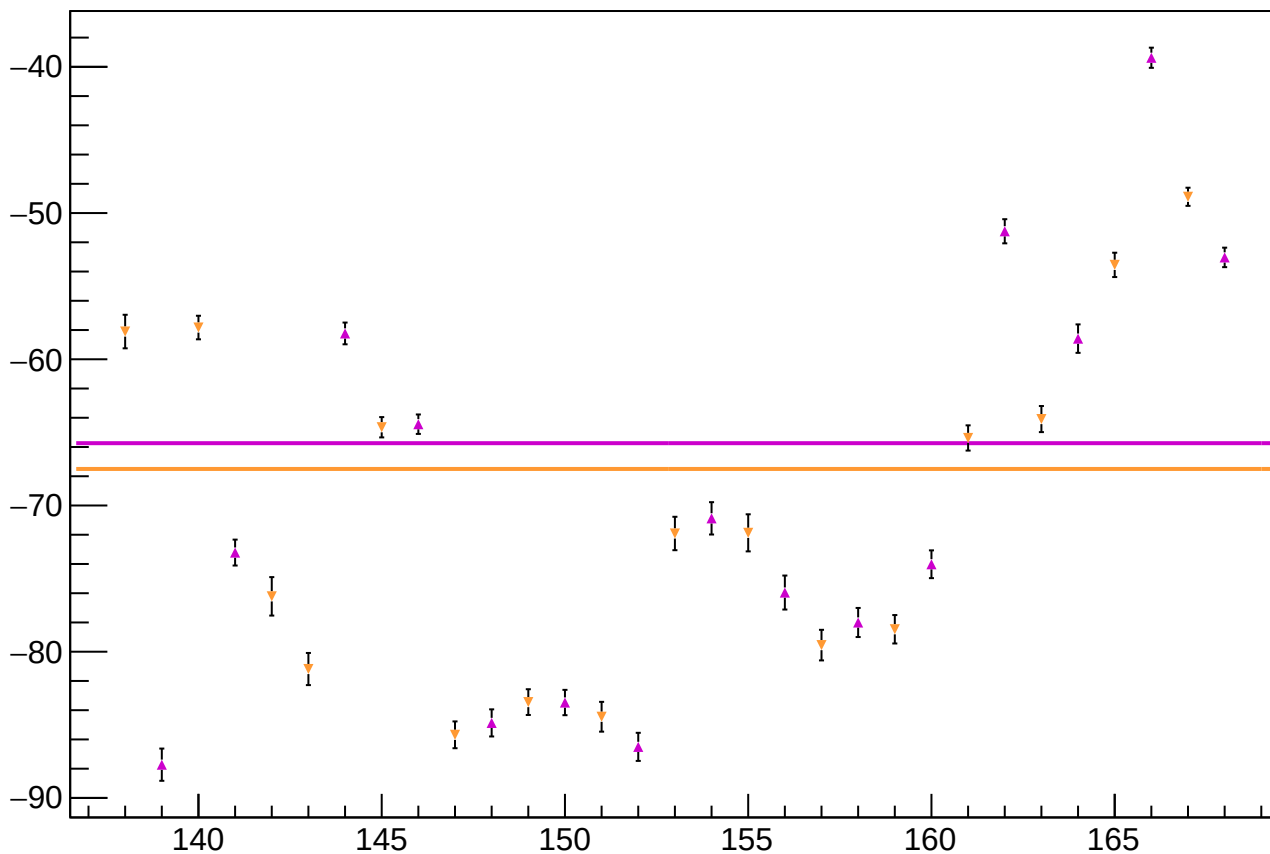
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.984+/-0.165 χ^2/NDF :1227.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.678+/-0.163 χ^2/NDF :1318.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.829+/-0.116 χ^2/NDF : 2547.8/30
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -67.501+/-0.228 χ^2/NDF : 2913.8/15

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

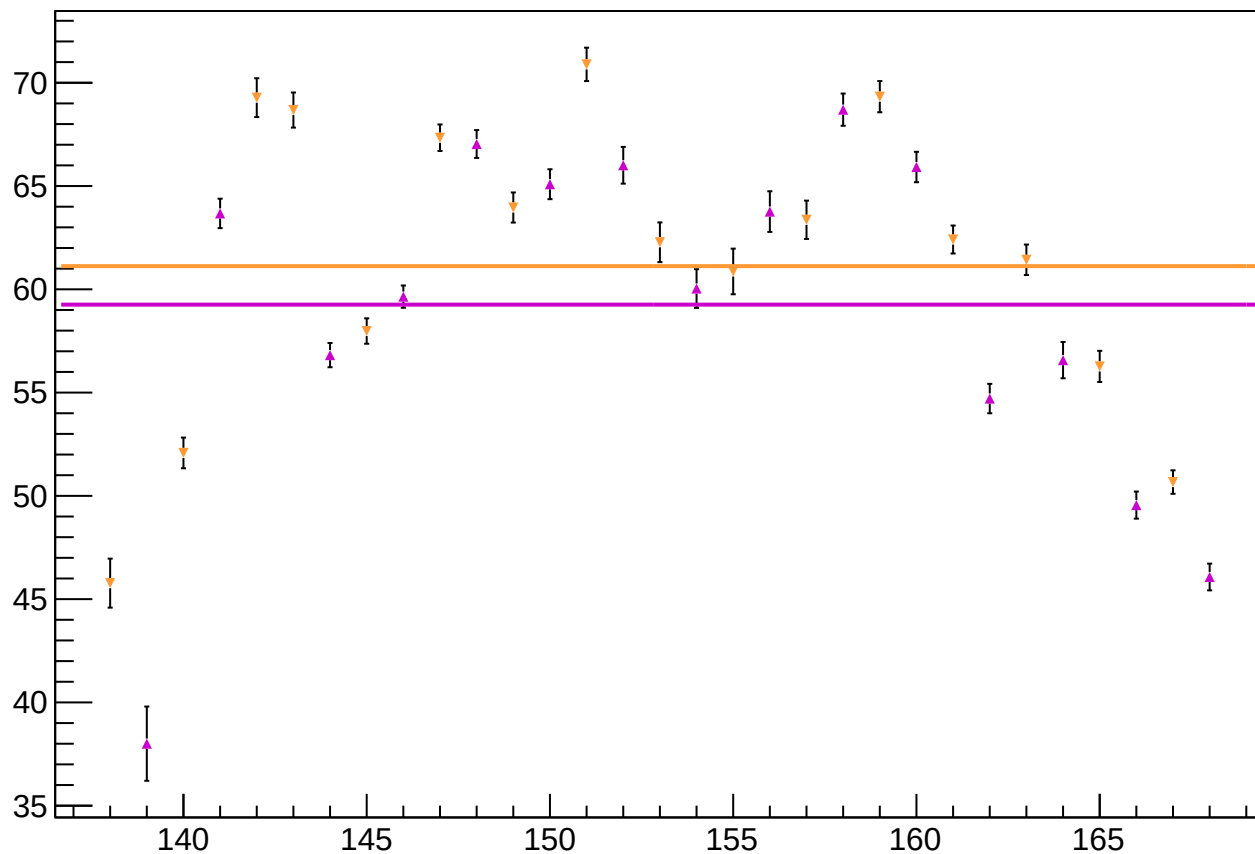
Left In: -65.739+/-0.222 χ^2/NDF : 4400.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.596+/-0.159 χ^2/NDF : 7345.4/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 61.122+/-0.192 χ^2/NDF :1260.4/15

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

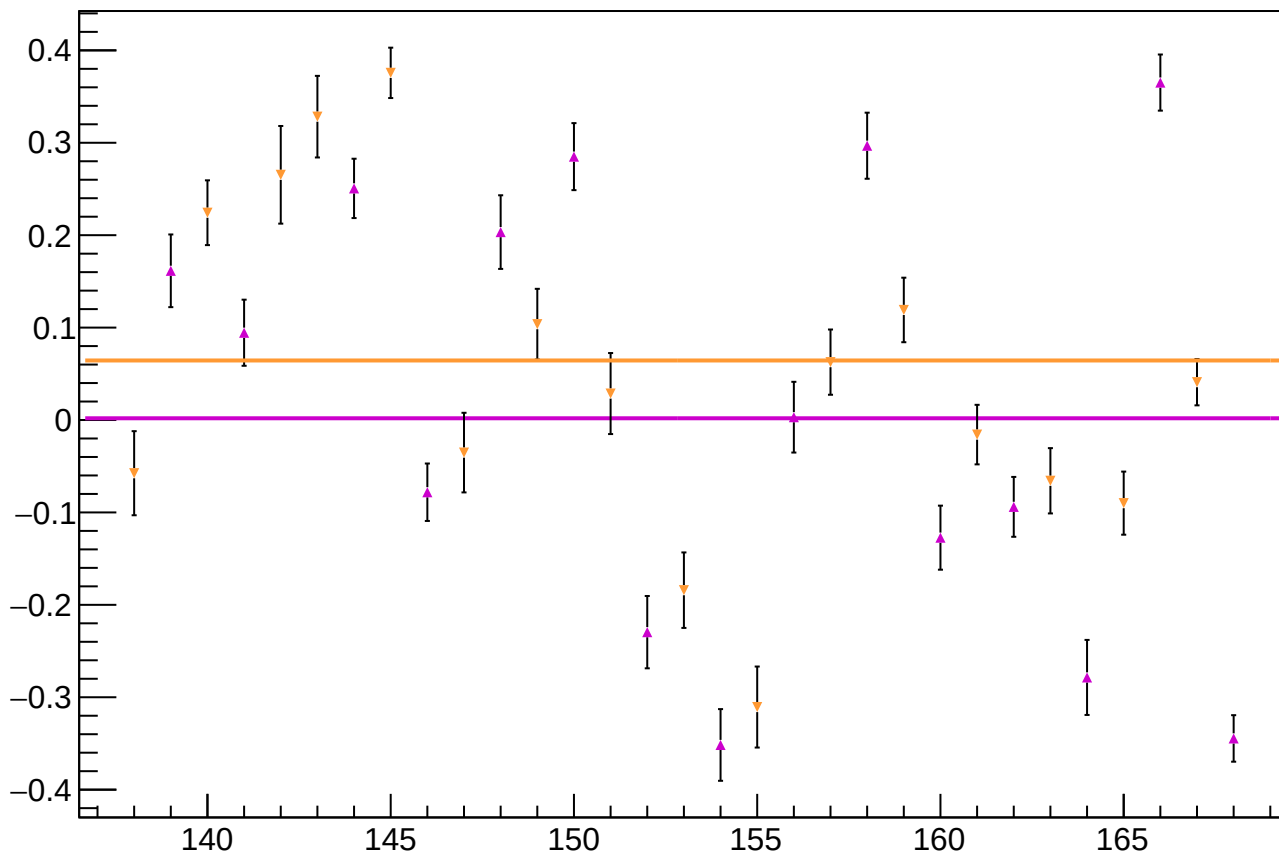
Left In: 59.259+/-0.190 χ^2/NDF :1385.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.183+/-0.135 χ^2/NDF : 2693.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

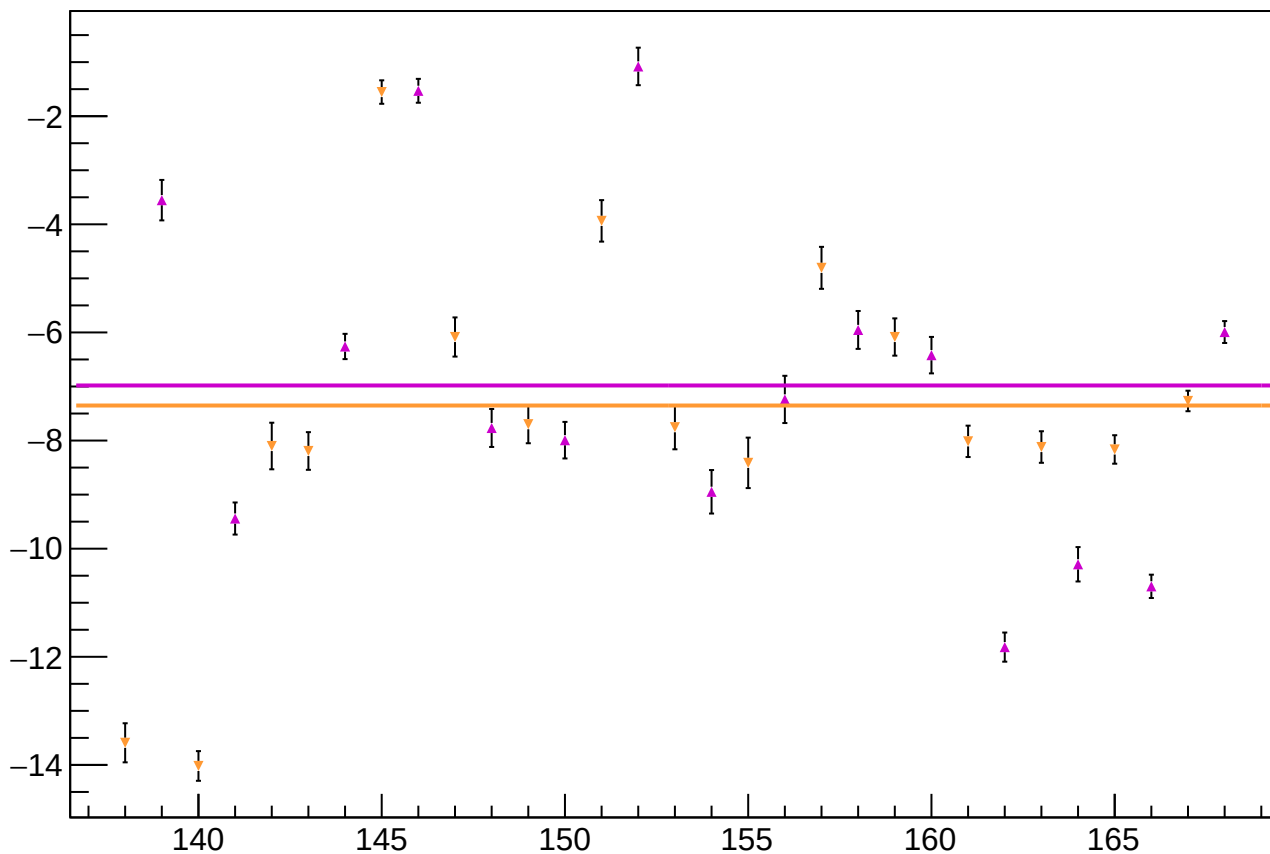
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.064 $\pm$ 0.009 χ^2 /NDF:369.5/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.002 $\pm$ 0.009 χ^2 /NDF:765.3/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.033 $\pm$ 0.006 χ^2 /NDF: 1159.1/30
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

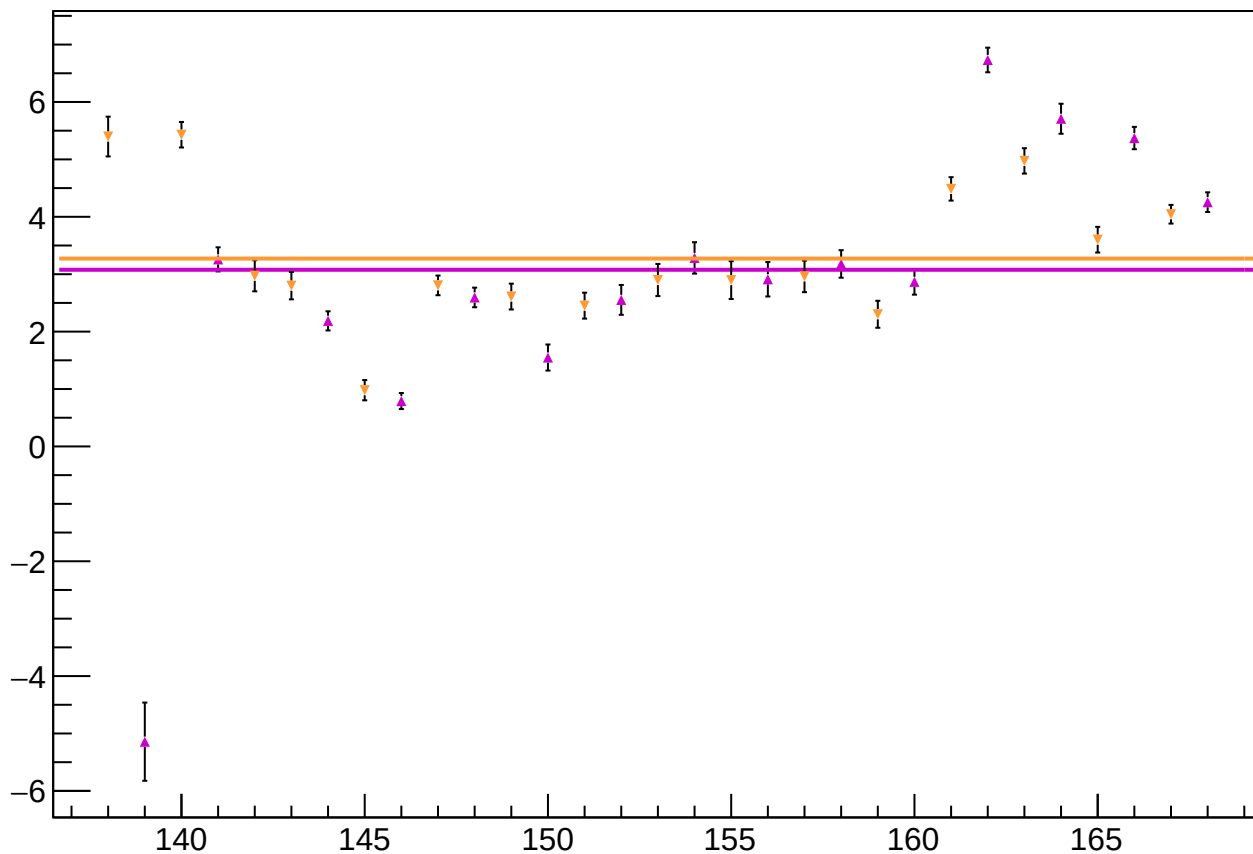
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.352 $\pm$ 0.077 χ^2 /NDF:1786.9/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.981 $\pm$ 0.074 χ^2 /NDF:1860.8/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -7.161 $\pm$ 0.053 χ^2 /NDF: 3659.6/30
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

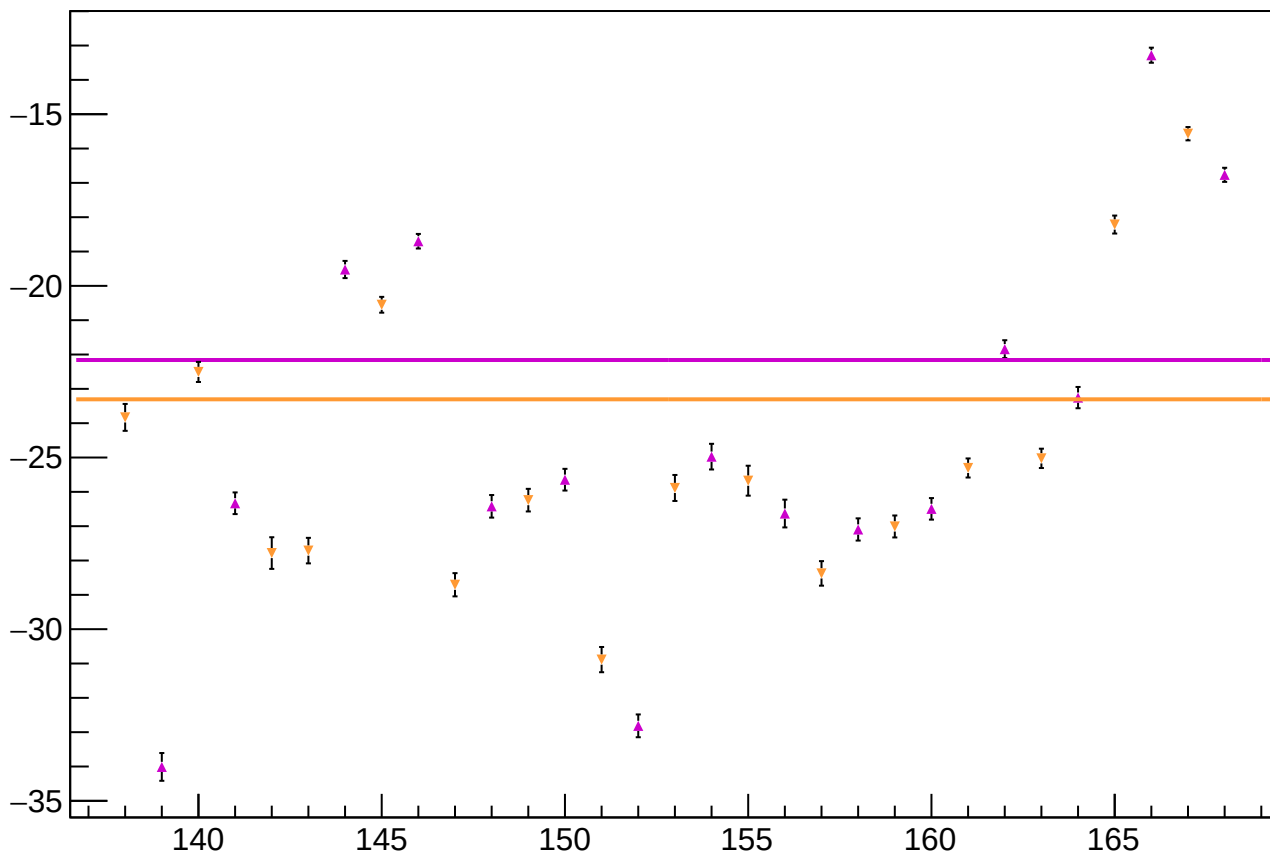
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.272 $\pm$ 0.056 χ^2 /NDF:476.1/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.078 $\pm$ 0.054 χ^2 /NDF:1079.9/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.172 $\pm$ 0.039 χ^2 /NDF: 1562.3/30
 - 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -23.305 $\pm$ 0.076 χ^2 /NDF:3612.9/15

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

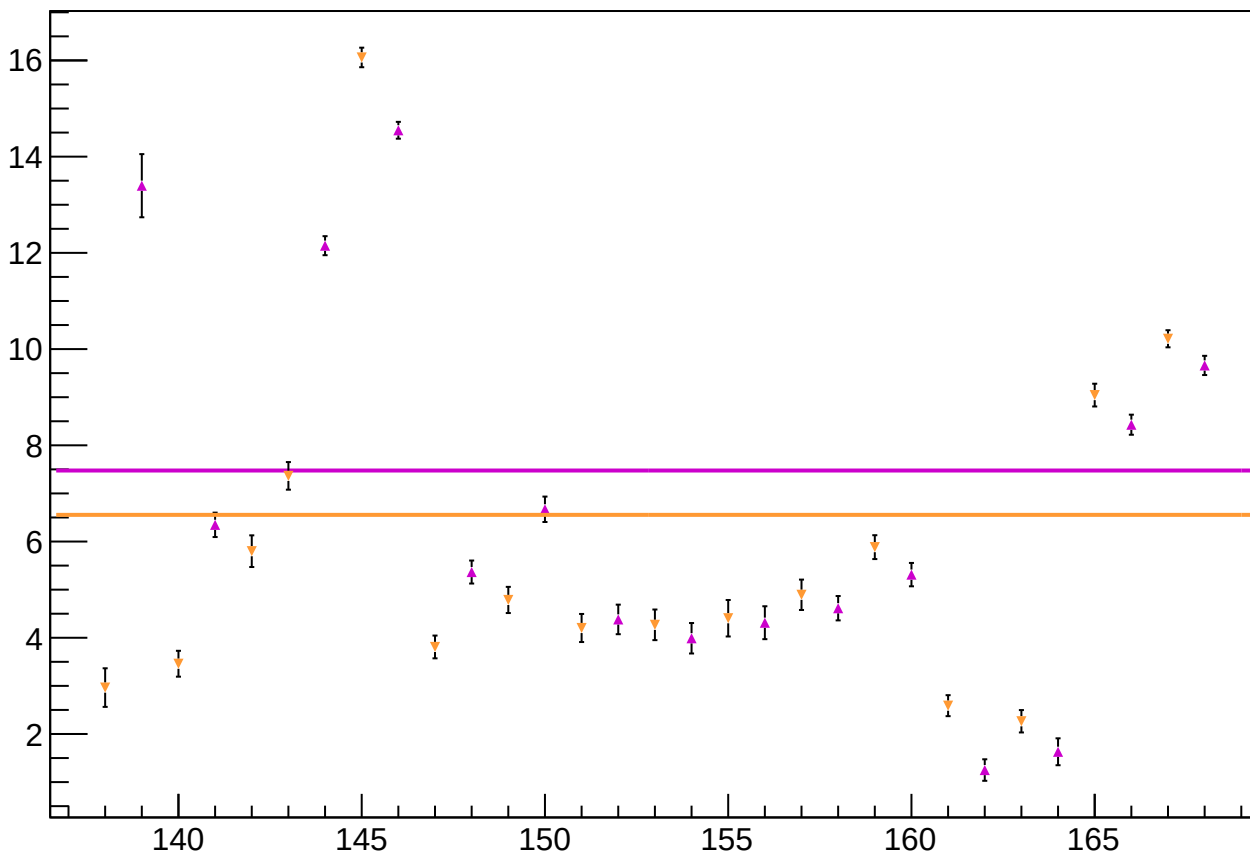
Left In: -22.159 $\pm$ 0.073 χ^2 /NDF:5666.9/14

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

All: -22.709 $\pm$ 0.053 χ^2 /NDF: 9396.4/30

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

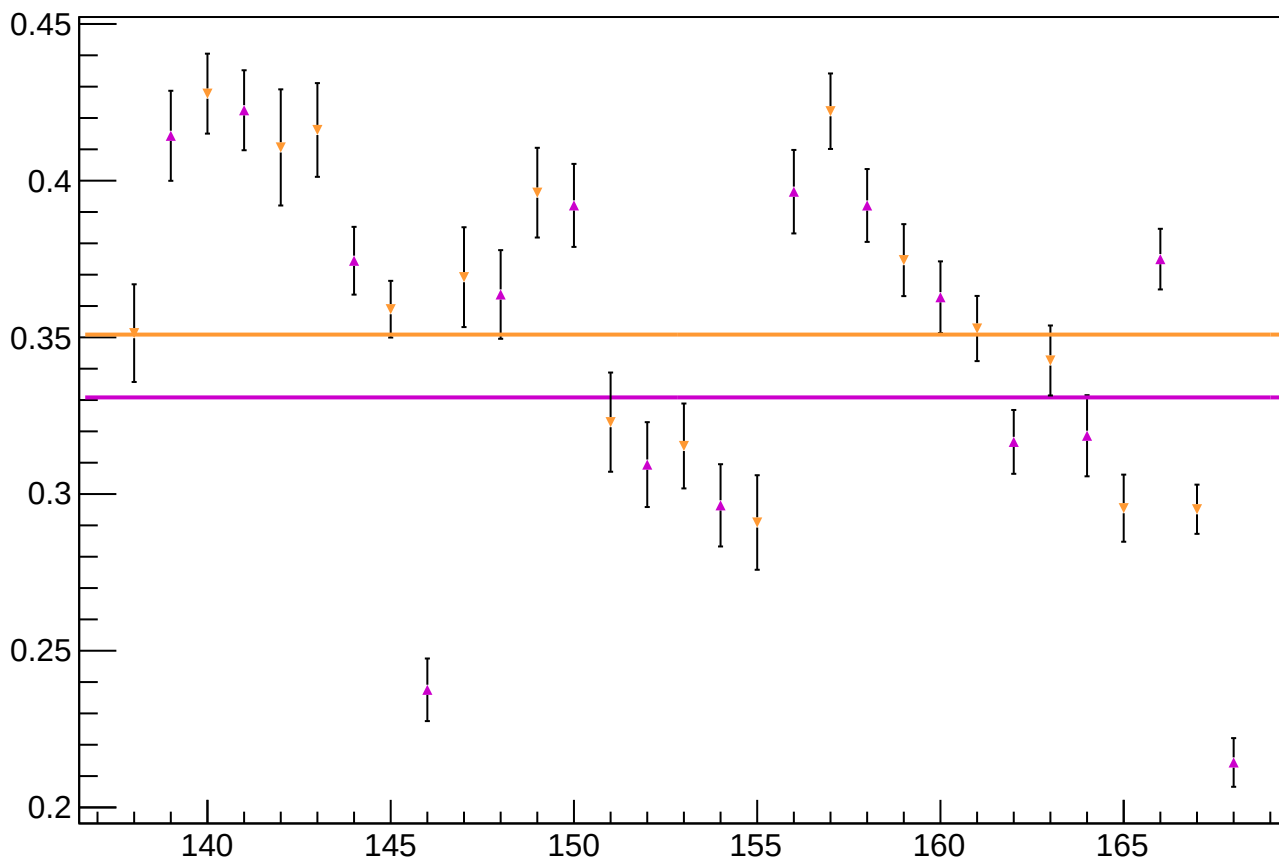
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.555 $\pm$ 0.064 χ^2 /NDF:3979.8/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.476 $\pm$ 0.063 χ^2 /NDF:4250.8/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 7.025 $\pm$ 0.045 χ^2 /NDF: 8334.9/30
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

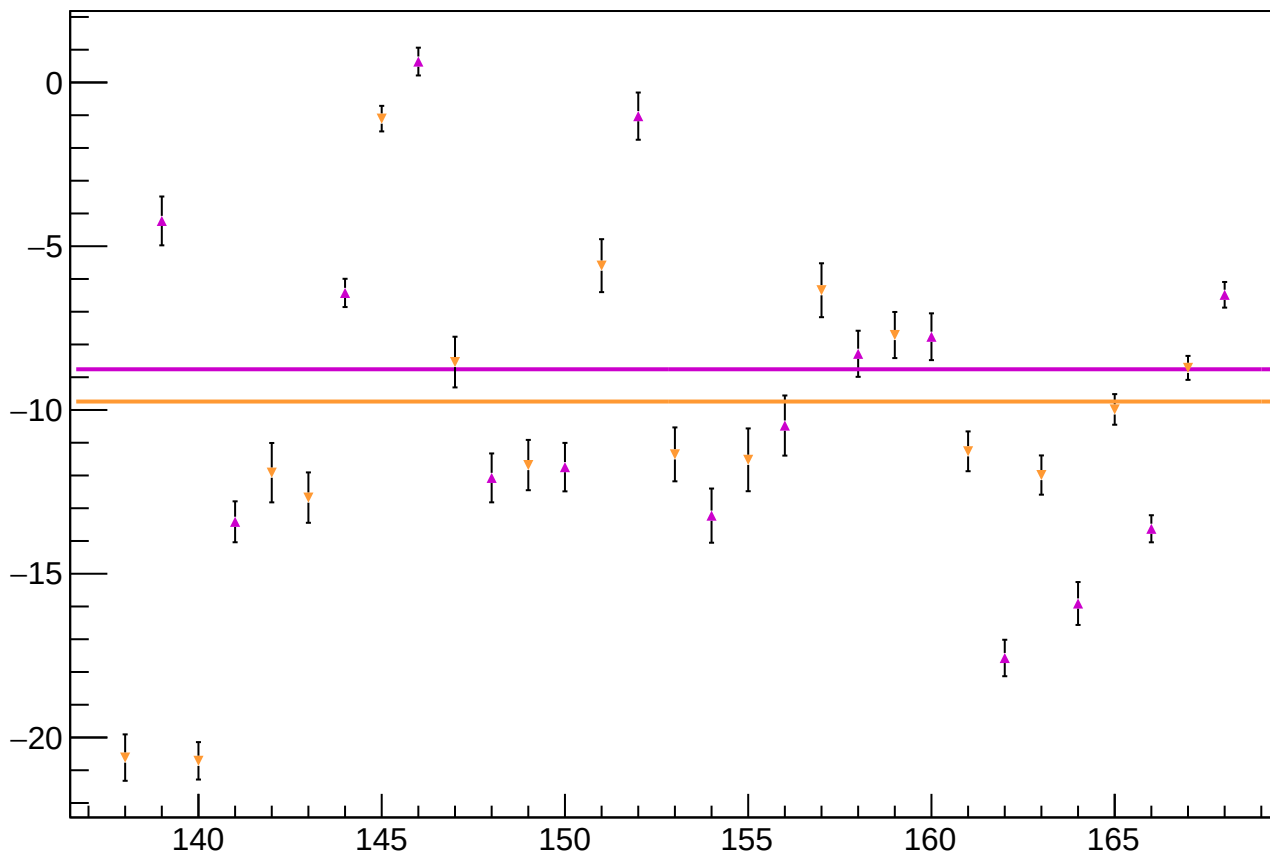
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 0.351 ± 0.003 $\chi^2/\text{NDF}: 220.7/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 0.331 ± 0.003 $\chi^2/\text{NDF}: 533.4/14$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.341 ± 0.002 $\chi^2/\text{NDF}: 776.6/30$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

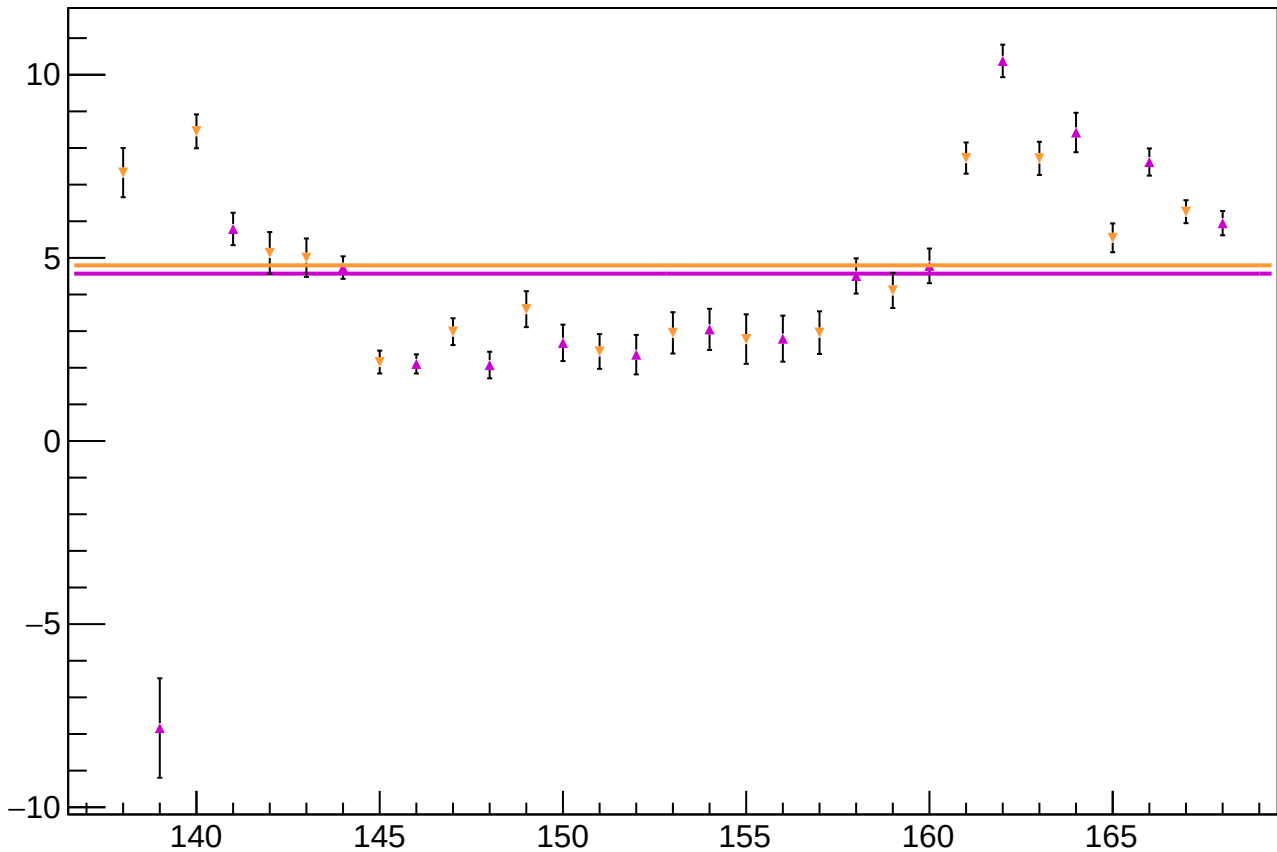
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.742+/-0.152 χ^2/NDF :1210.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.757+/-0.148 χ^2/NDF :1340.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.236+/-0.106 χ^2/NDF : 2572.9/30
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

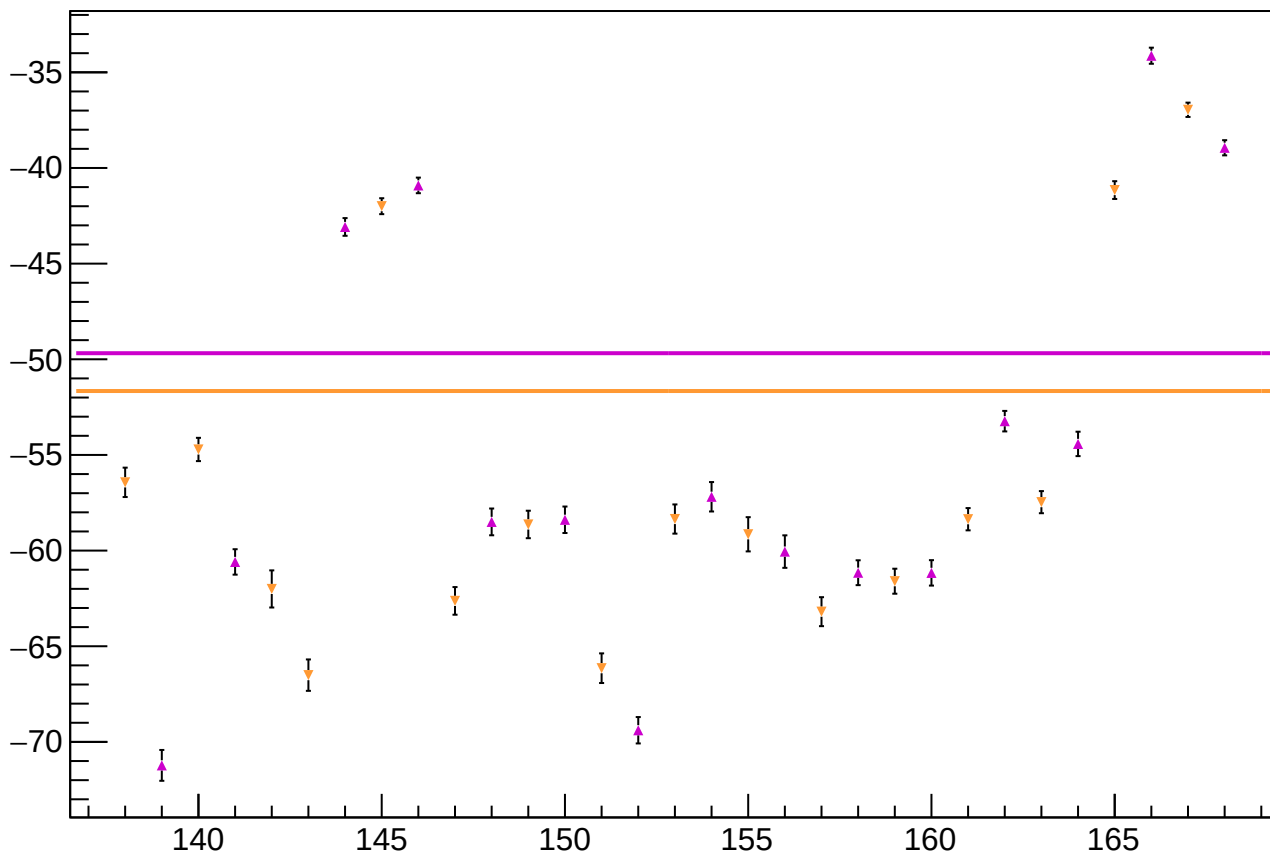
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.797 $\pm$ 0.112 χ^2 /NDF:349.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.570 $\pm$ 0.108 χ^2 /NDF:581.5/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.679 $\pm$ 0.078 χ^2 /NDF: 933.3/30
 - 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: -51.659+/-0.152 χ^2/NDF : 4617.3/15

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

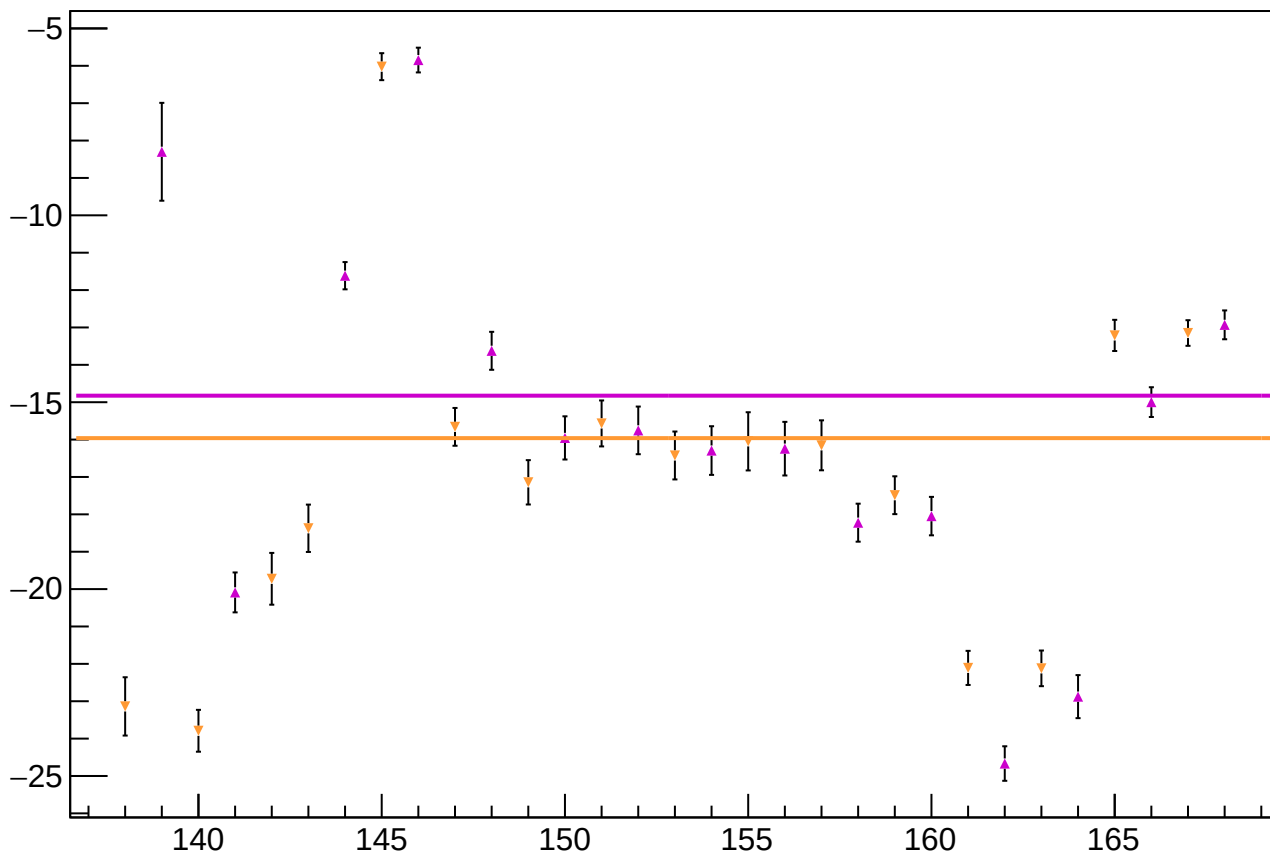
Left In: -49.682+/-0.147 χ^2/NDF : 5838.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.633+/-0.106 χ^2/NDF : 10542.8/30

- 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: -15.961+/-0.129 χ^2/NDF :1556.3/15

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

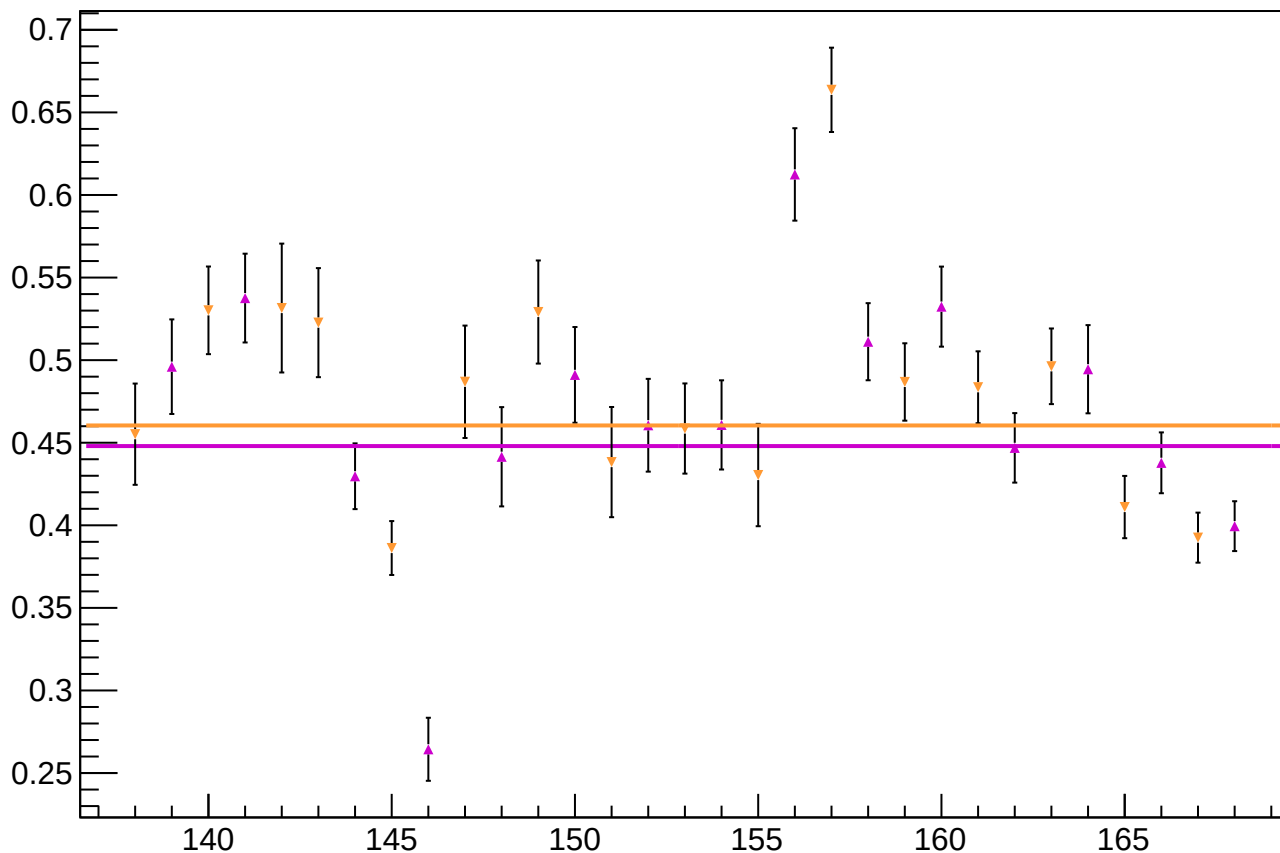
Left In: -14.825+/-0.126 χ^2/NDF :1713.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.381+/-0.090 χ^2/NDF : 3309.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

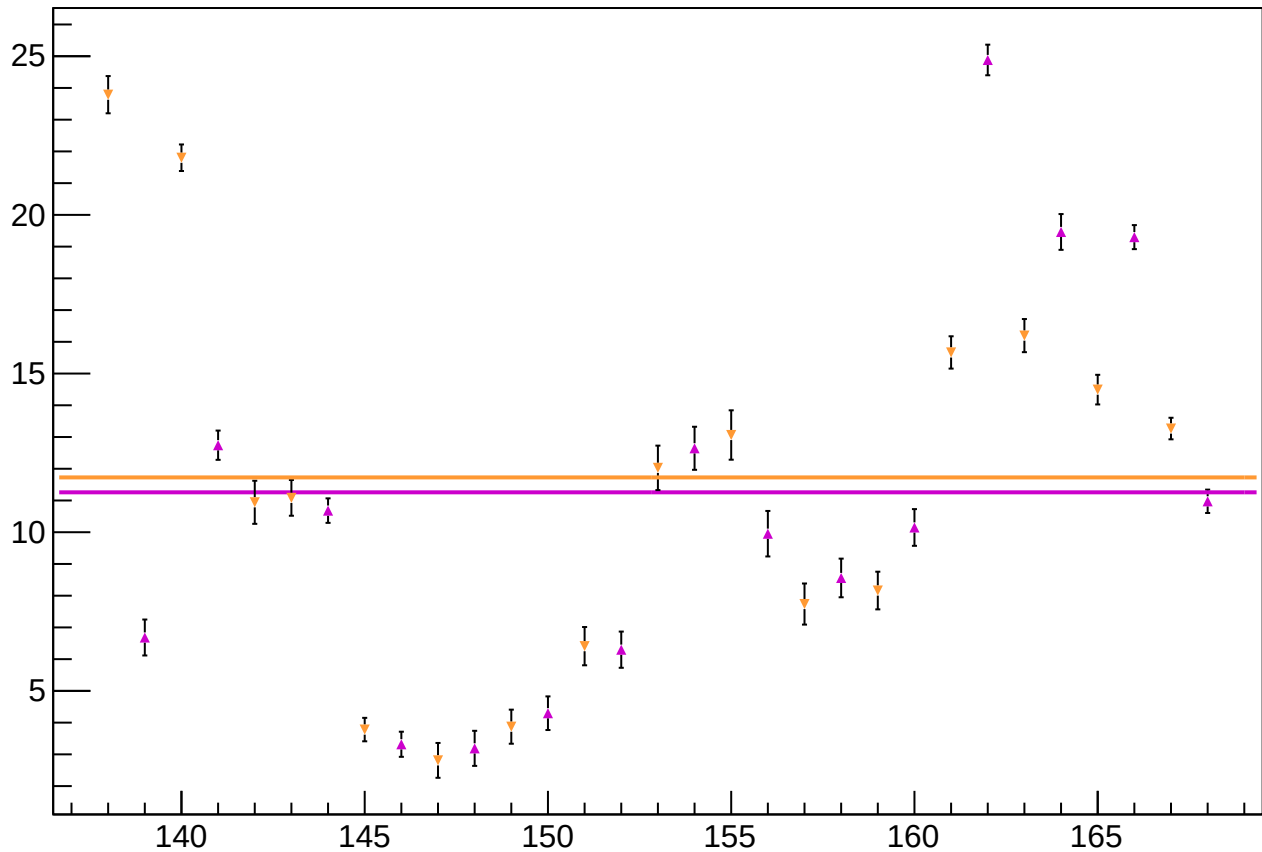
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.460 $\pm$ 0.006 χ^2/NDF :136.5/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.448 $\pm$ 0.006 χ^2/NDF :177.7/14

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.454 $\pm$ 0.004 χ^2/NDF : 316.3/30
 - 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: 11.727+/-0.129 χ^2/NDF : 2289.3/15

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

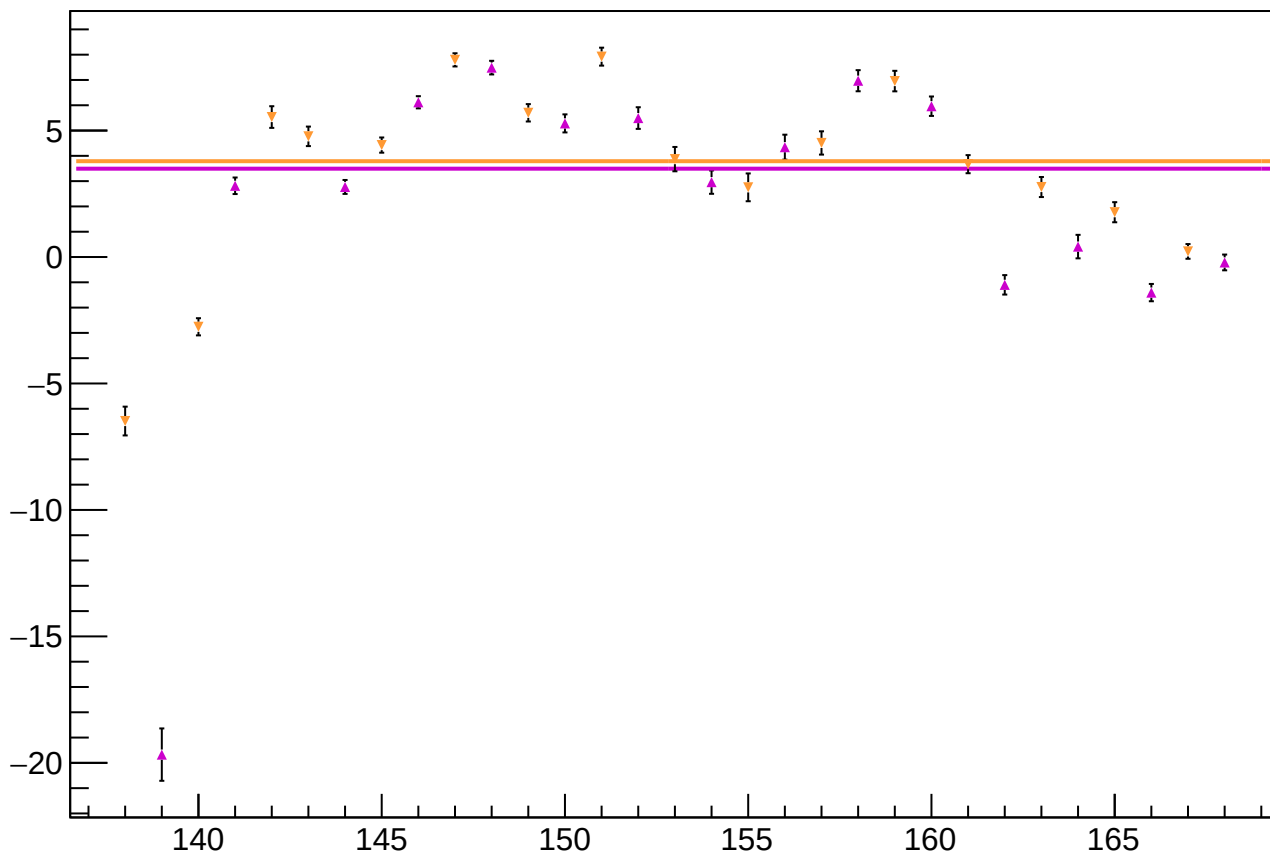
Left In: 11.257+/-0.127 χ^2/NDF : 2434.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.488+/-0.090 χ^2/NDF : 4730.0/30

- 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: 3.788 $\pm$ 0.093 χ^2 /NDF:1377.3/15

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

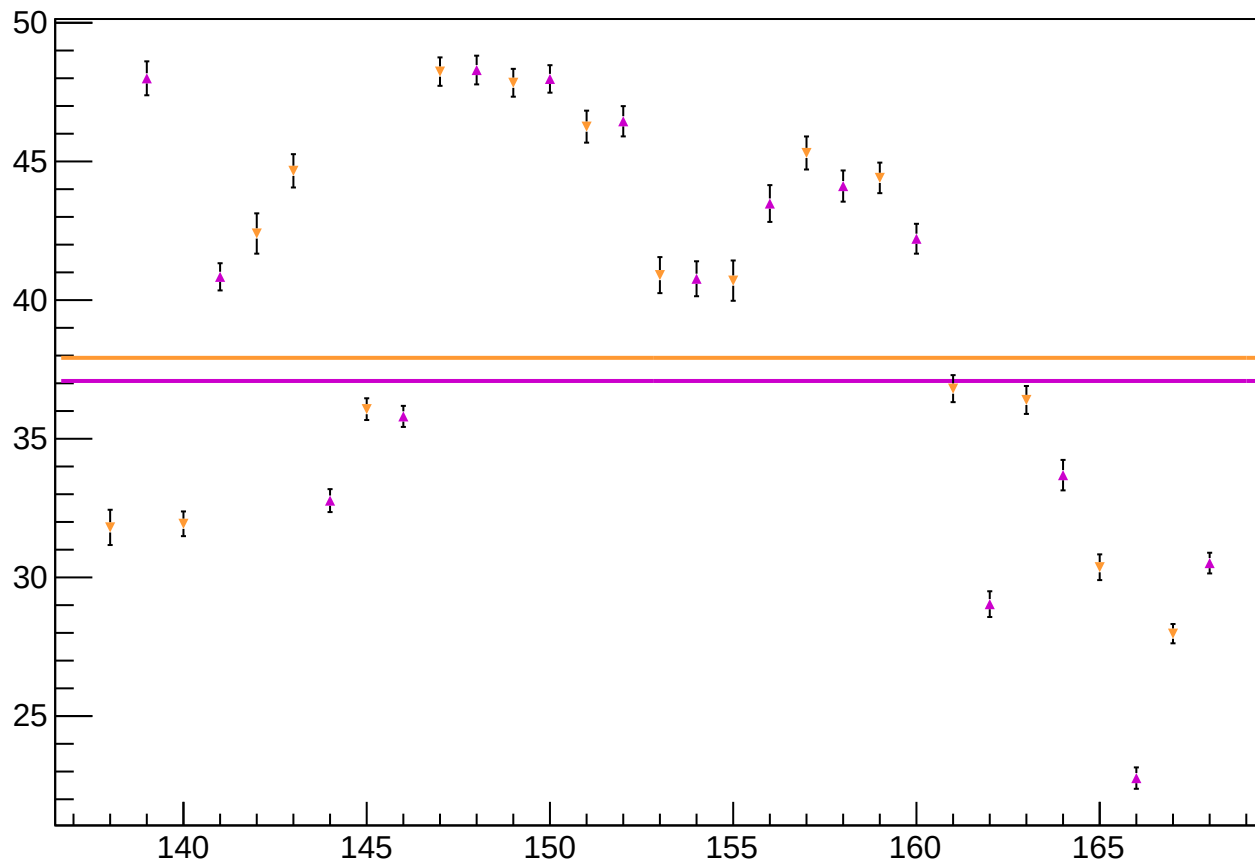
Left In: 3.492 $\pm$ 0.092 χ^2 /NDF:1545.2/14

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

All: 3.639 $\pm$ 0.065 χ^2 /NDF: 2927.6/30

- 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: 37.918+/-0.128 χ^2/NDF : 2889.6/15

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

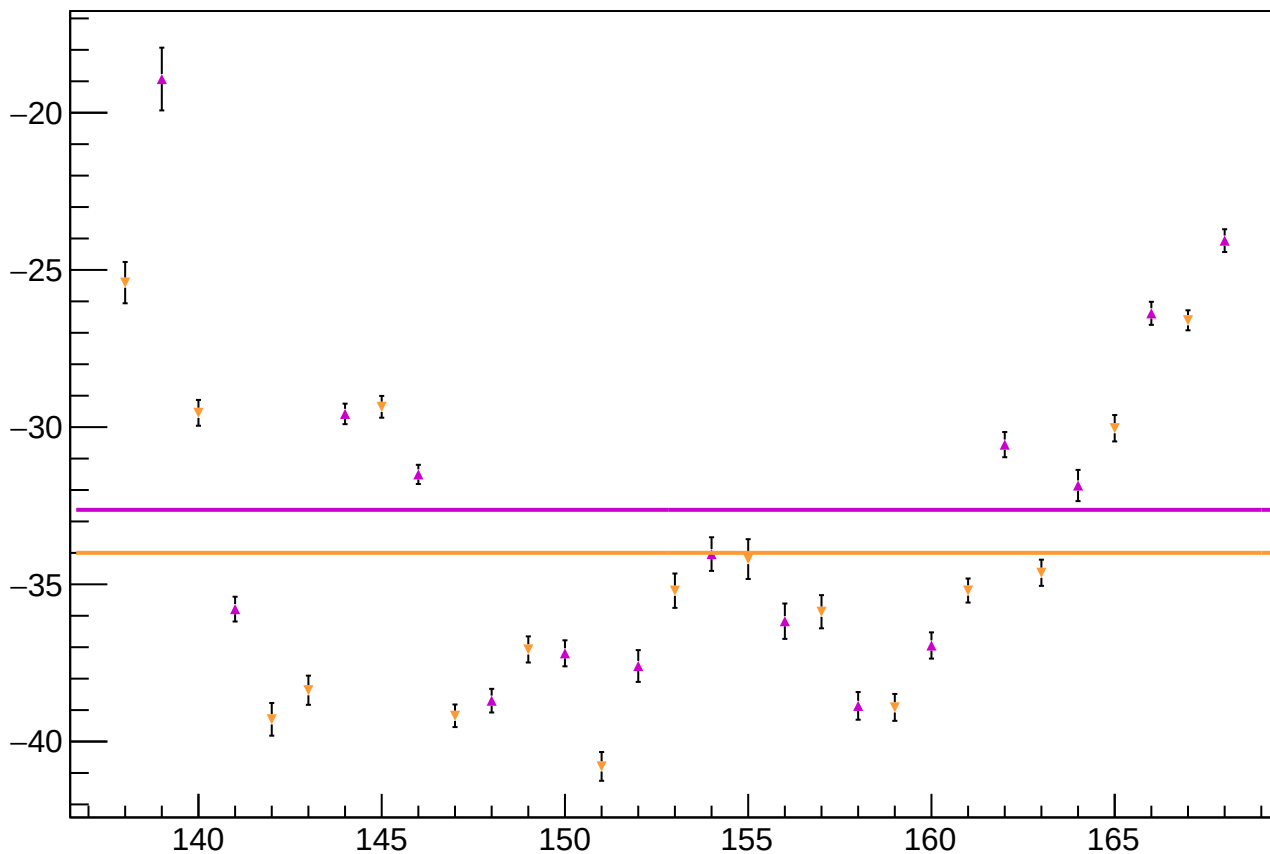
Left In: 37.084+/-0.125 χ^2/NDF : 4143.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.491+/-0.089 χ^2/NDF : 7054.6/30

- 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: -33.998+/-0.108 χ^2/NDF :1934.5/15

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

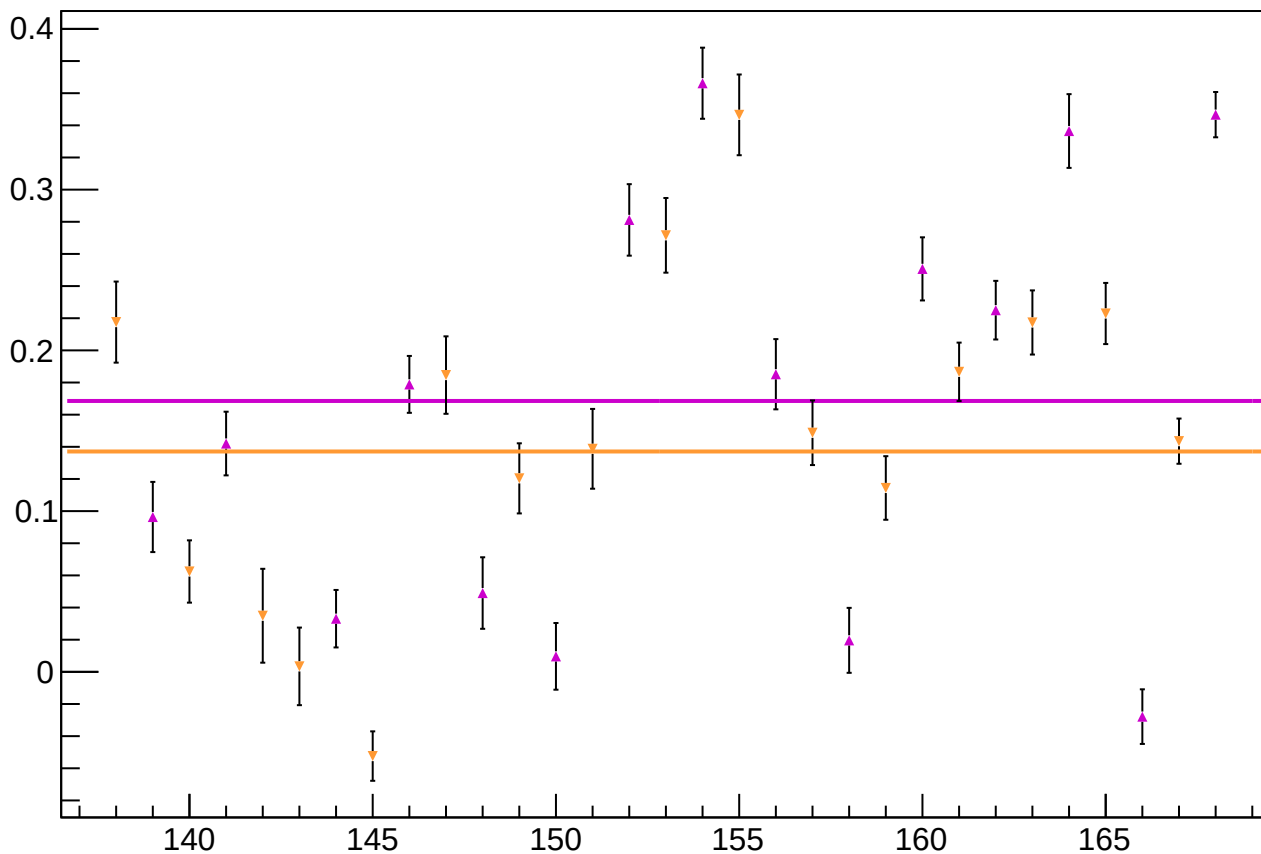
Left In: -32.630+/-0.107 χ^2/NDF :2063.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.310+/-0.076 χ^2/NDF : 4079.3/30

- 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: 0.137 $\pm$ 0.005 χ^2 /NDF:373.1/15

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

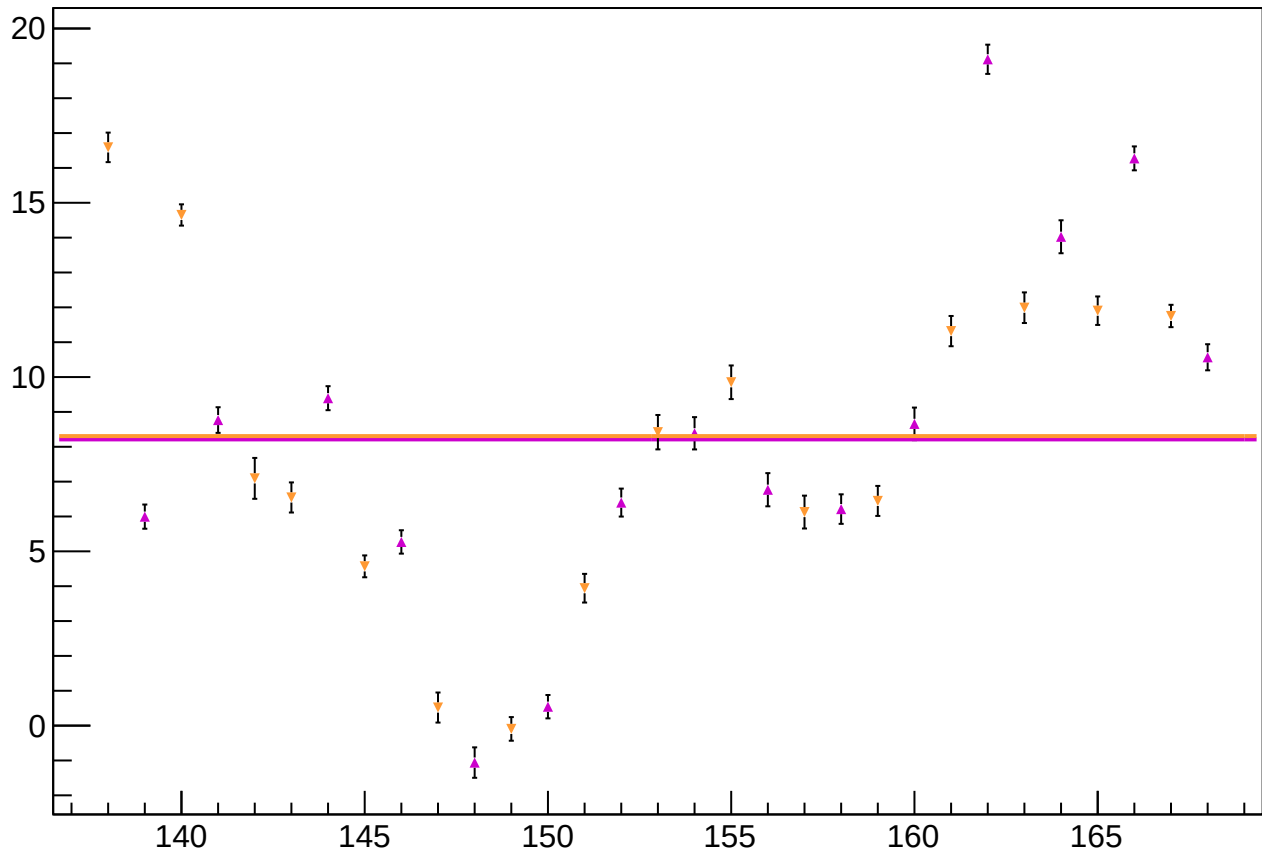
Left In: 0.169 $\pm$ 0.005 χ^2 /NDF:692.4/14

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

All: 0.153 $\pm$ 0.004 χ^2 /NDF: 1084.9/30

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

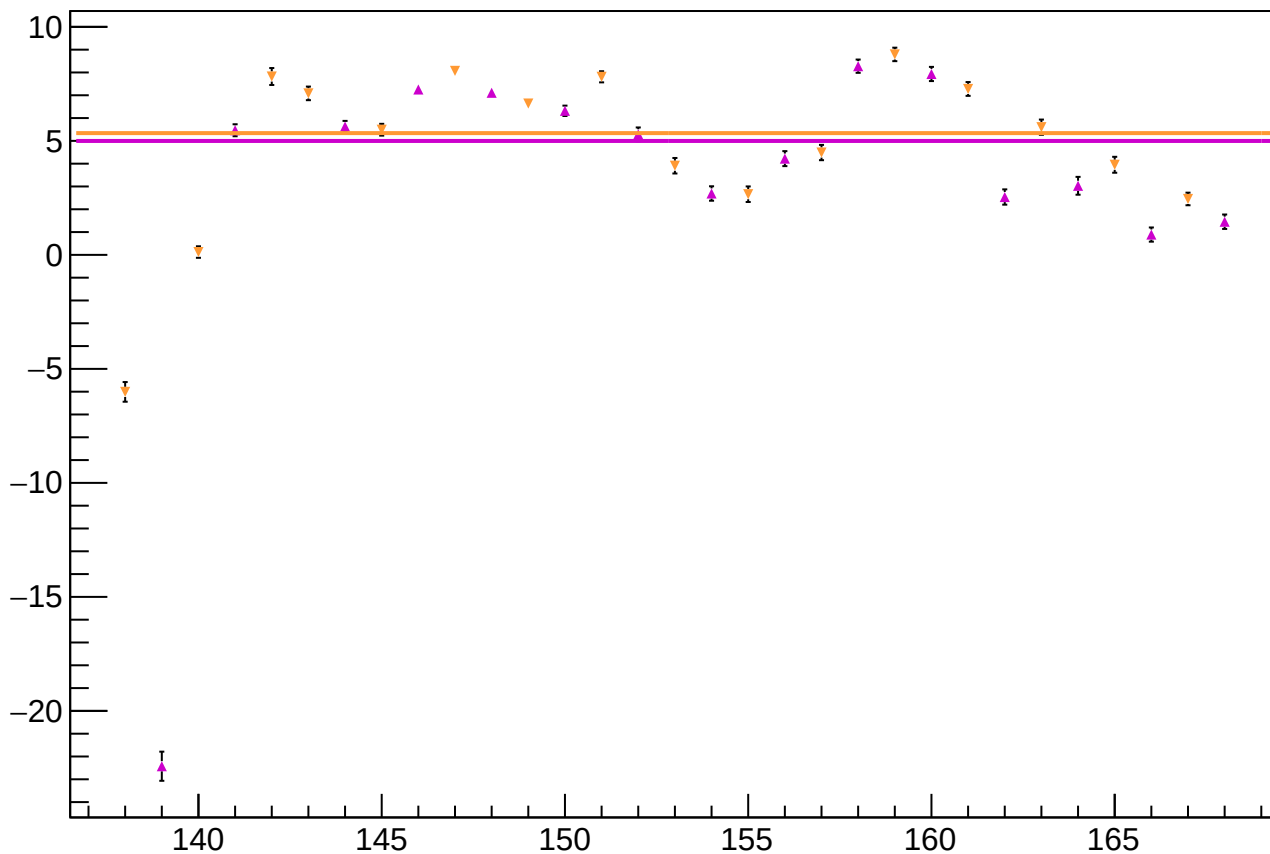
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.306 $\pm$ 0.100 χ^2 /NDF:2391.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.211 $\pm$ 0.101 χ^2 /NDF:2577.8/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 8.259 $\pm$ 0.071 χ^2 /NDF: 4969.7/30
 - 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: 5.340 $\pm$ 0.072 χ^2 /NDF:1896.7/15

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

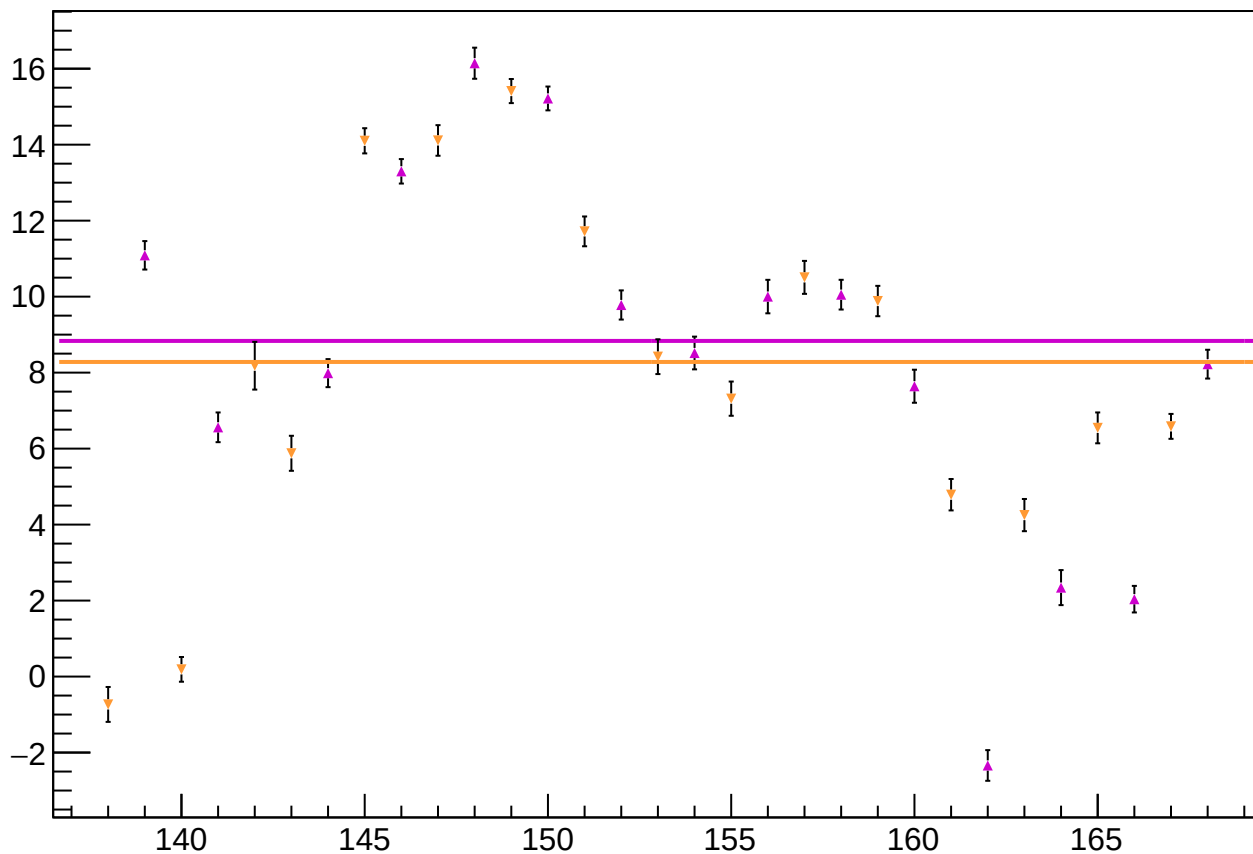
Left In: 4.996 $\pm$ 0.074 χ^2 /NDF:2747.4/14

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

All: 5.173 $\pm$ 0.051 χ^2 /NDF: 4655.3/30

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

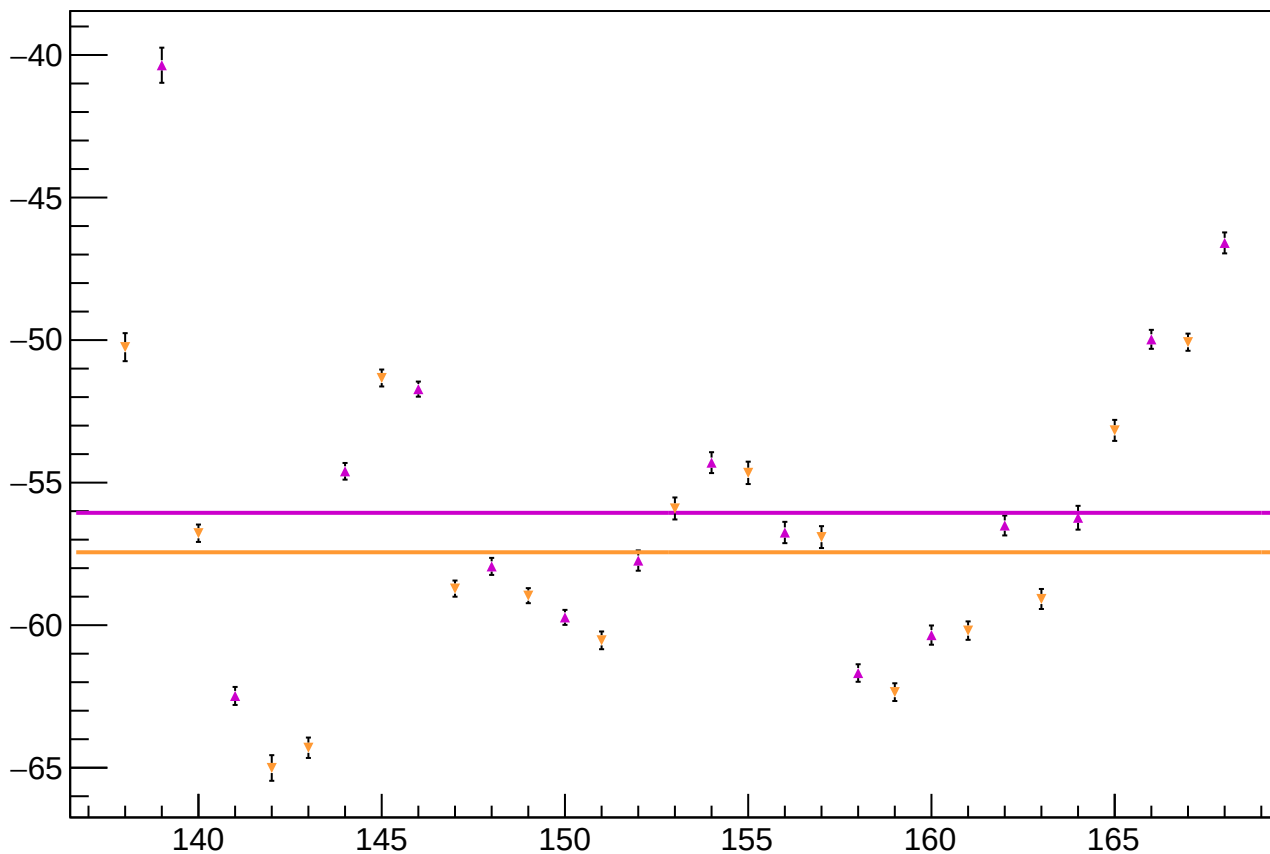
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.281+/-0.099 χ^2/NDF :2384.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.834+/-0.099 χ^2/NDF :2376.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.559+/-0.070 χ^2/NDF : 4776.9/30
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.443+/-0.084 χ^2/NDF : 2589.6/15

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

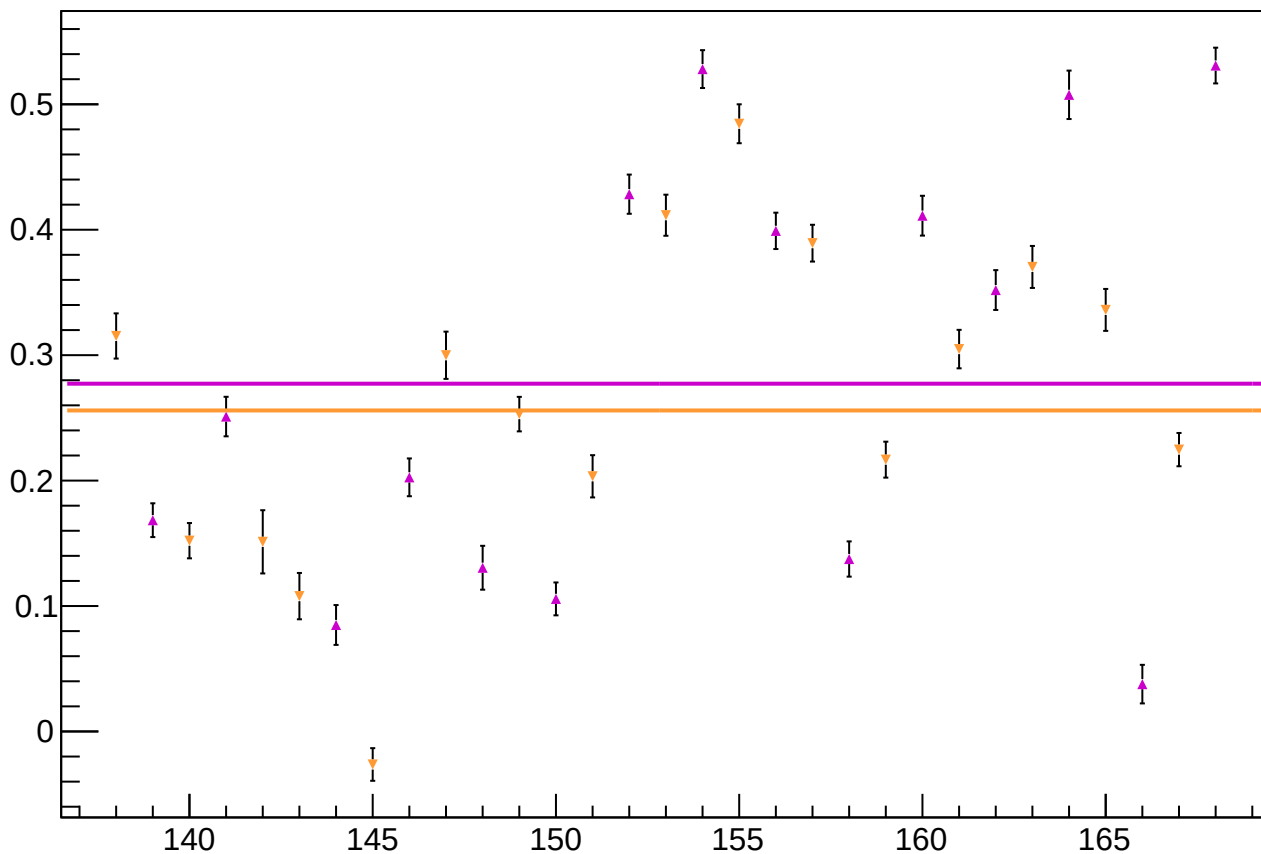
Left In: -56.059+/-0.086 χ^2/NDF : 3132.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.766+/-0.060 χ^2/NDF : 5855.5/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

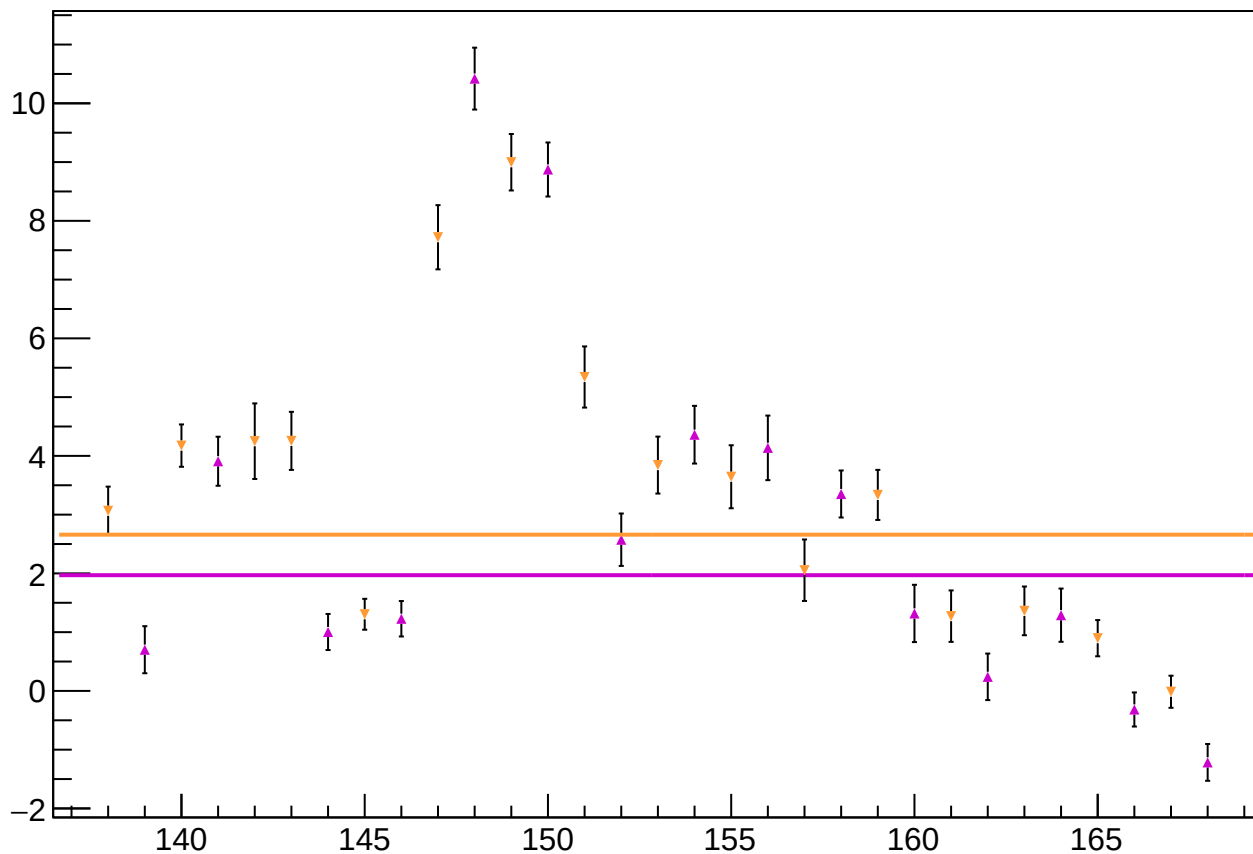
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.256 $\pm$ 0.004 χ^2 /NDF:1115.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.277 $\pm$ 0.004 χ^2 /NDF:1815.5/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.267 $\pm$ 0.003 χ^2 /NDF: 2945.7/30
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

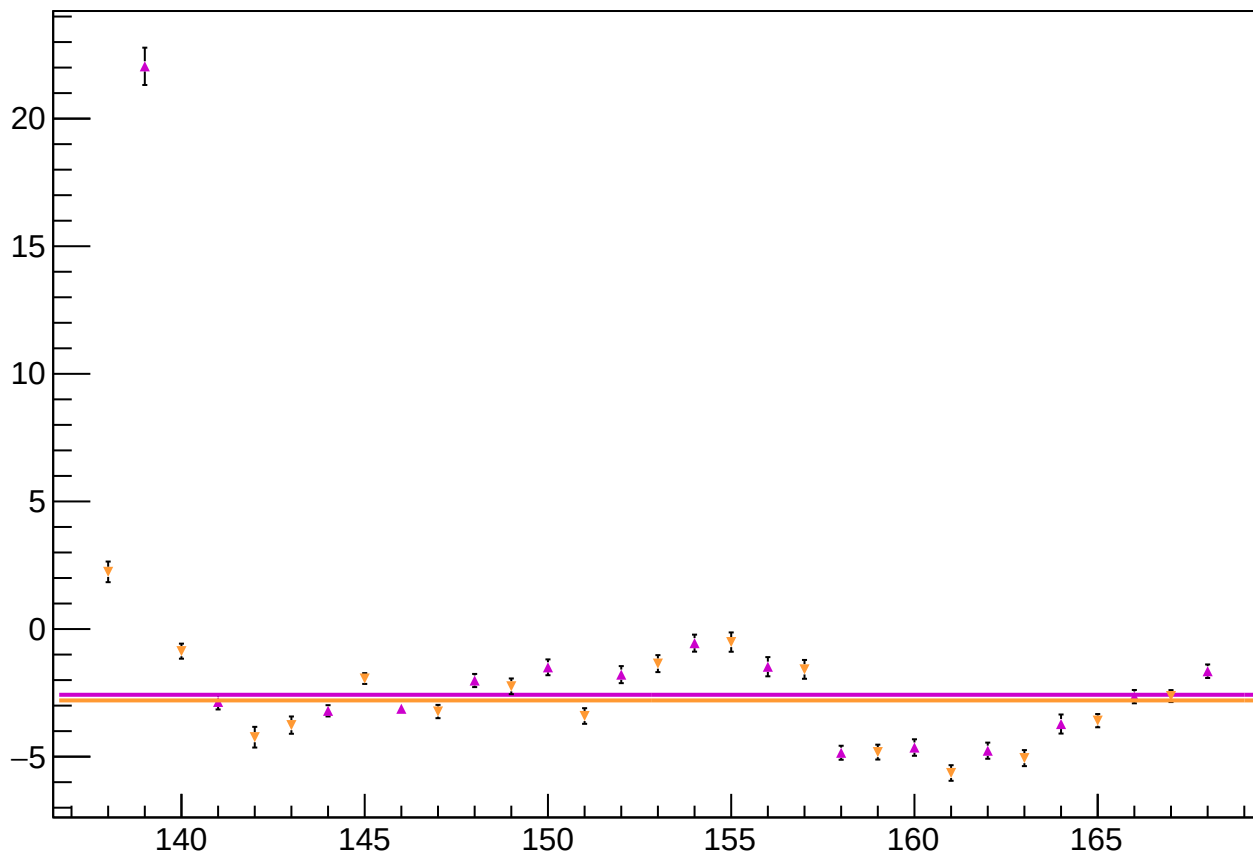
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.659 ± 0.101 χ^2/NDF : 509.5/15
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 1.969 ± 0.101 χ^2/NDF : 772.1/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 2.314 ± 0.071 χ^2/NDF : 1304.9/30
 - sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

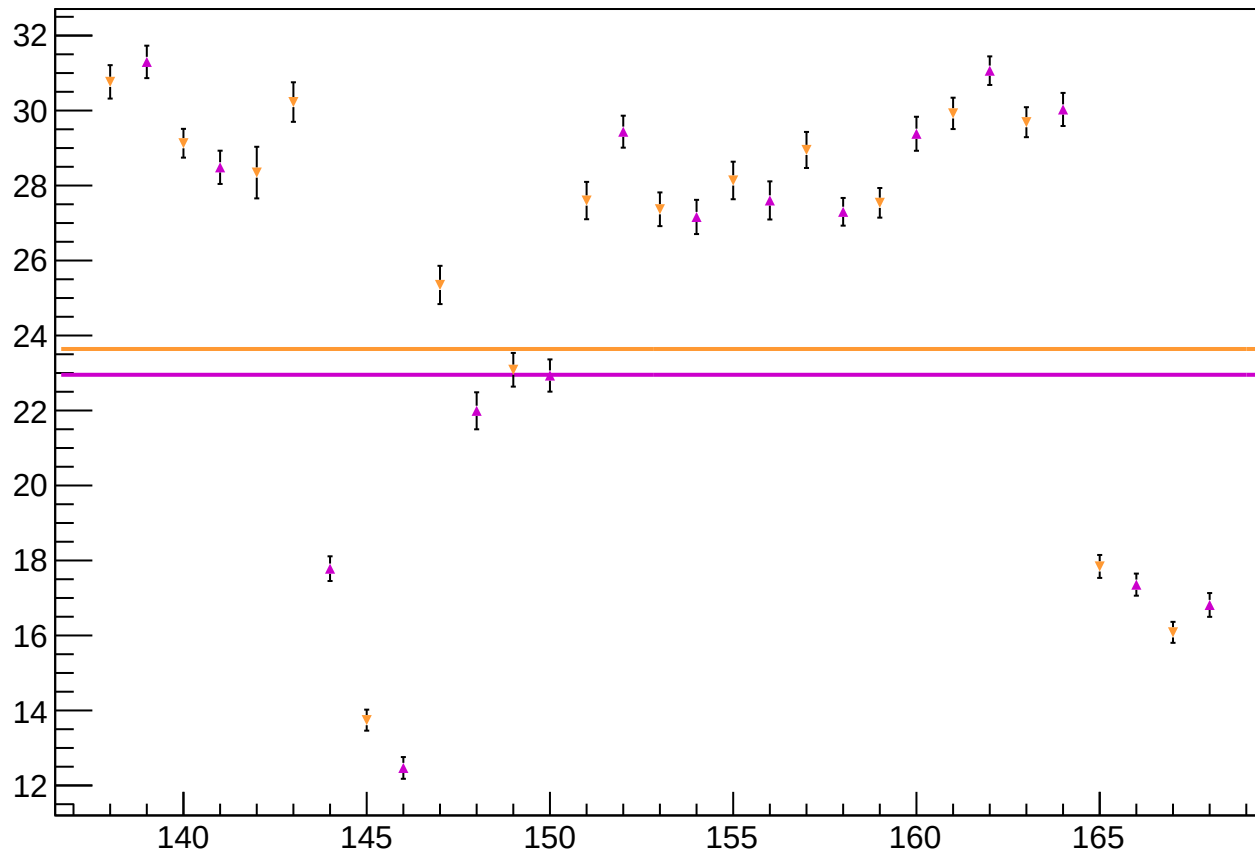
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.796 $\pm$ 0.075 χ^2 /NDF:507.9/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.575 $\pm$ 0.075 χ^2 /NDF:1398.2/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.686 $\pm$ 0.053 χ^2 /NDF: 1910.4/30
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

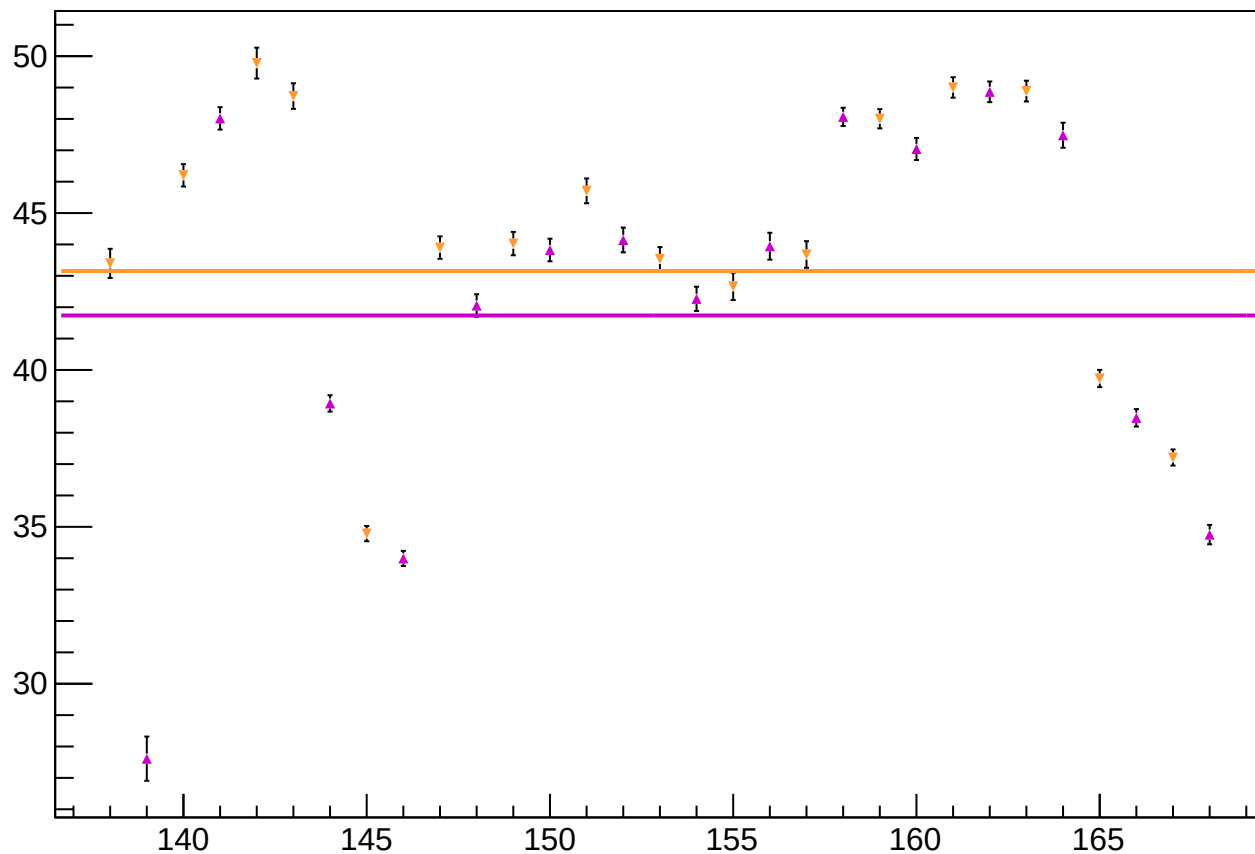
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.641+/-0.101 χ^2/NDF : 3897.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 22.953+/-0.100 χ^2/NDF : 4269.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 23.292+/-0.071 χ^2/NDF : 8190.0/30
 - 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: 43.153+/-0.086 χ^2/NDF : 3237.3/15

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

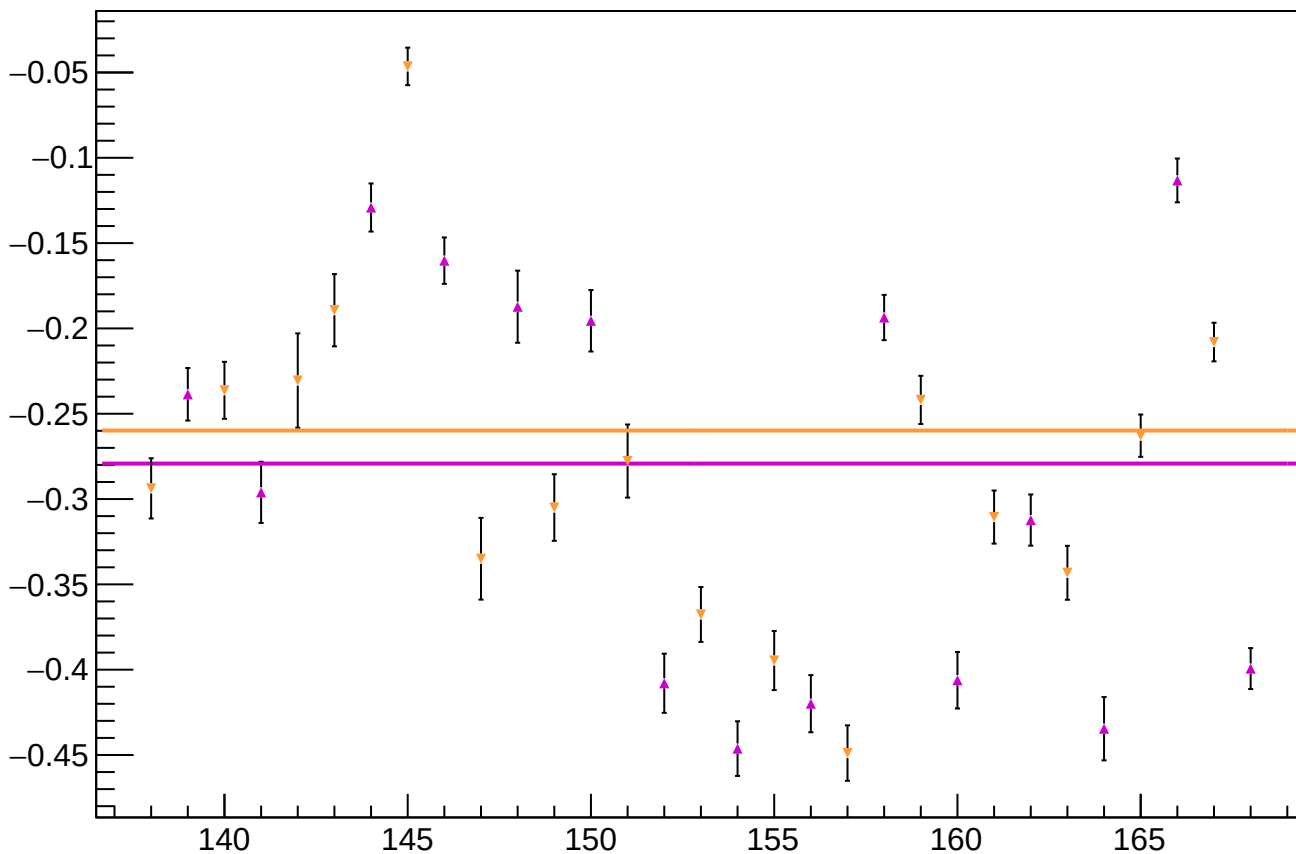
Left In: 41.736+/-0.086 χ^2/NDF : 3993.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.449+/-0.061 χ^2/NDF : 7366.8/30

- 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: -0.260 ± 0.004 χ^2/NDF : 713.1/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

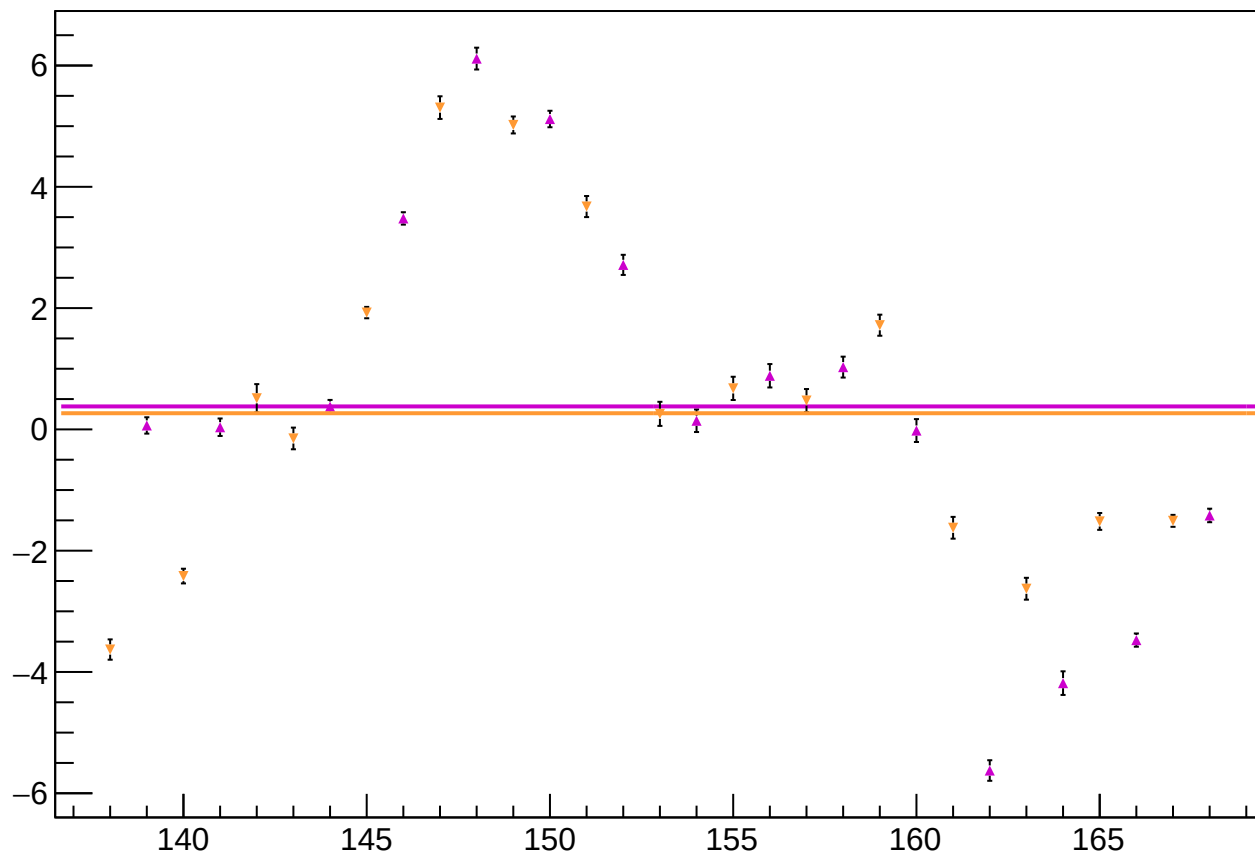
Left In: -0.279 ± 0.004 χ^2/NDF : 915.3/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.270 ± 0.003 χ^2/NDF : 1640.4/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

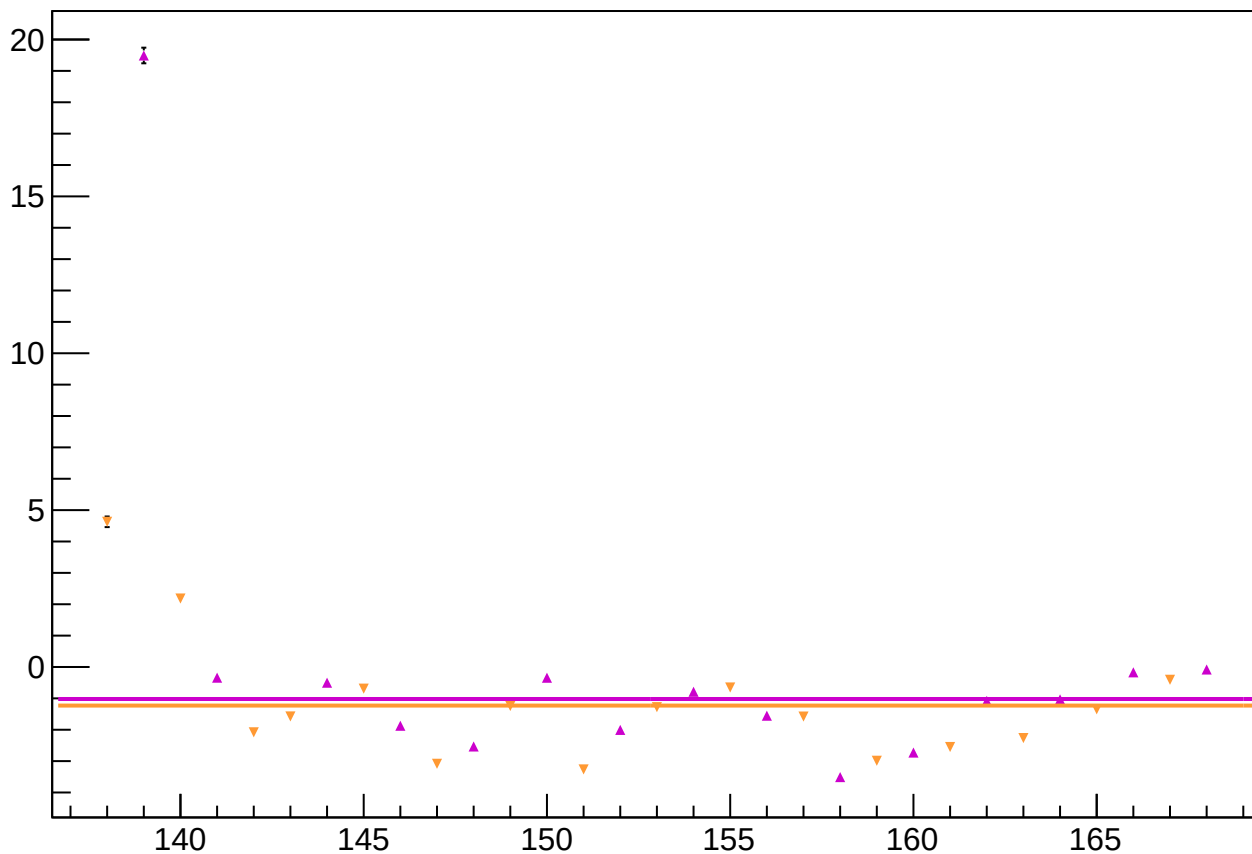
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.266 $\pm$ 0.038 χ^2 /NDF:4551.1/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.379 $\pm$ 0.037 χ^2 /NDF:6698.7/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.324 $\pm$ 0.026 χ^2 /NDF: 11254.3/30
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

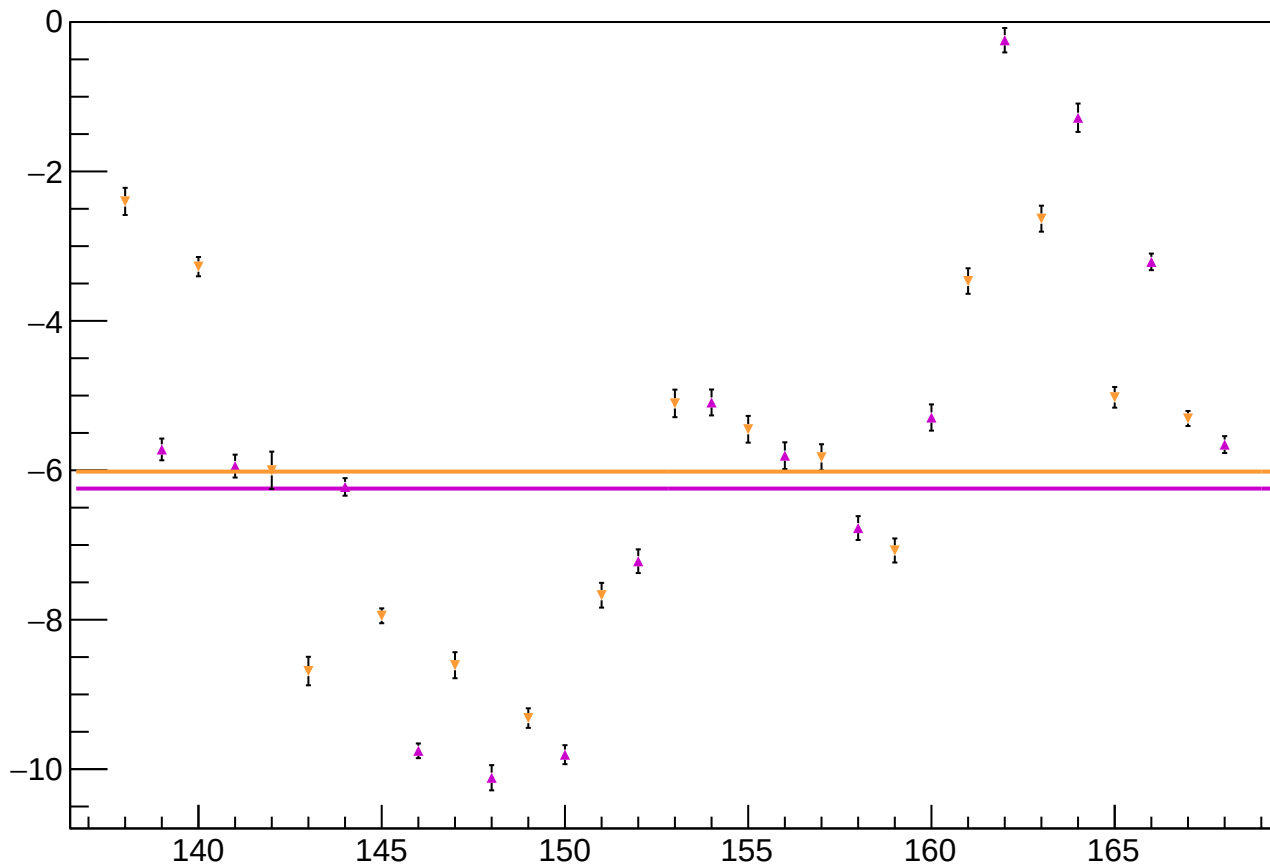
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -1.230 ± 0.028 $\chi^2/\text{NDF}: 3779.3/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -1.020 ± 0.027 $\chi^2/\text{NDF}: 8251.5/14$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -1.123 ± 0.019 $\chi^2/\text{NDF}: 12060.3/30$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

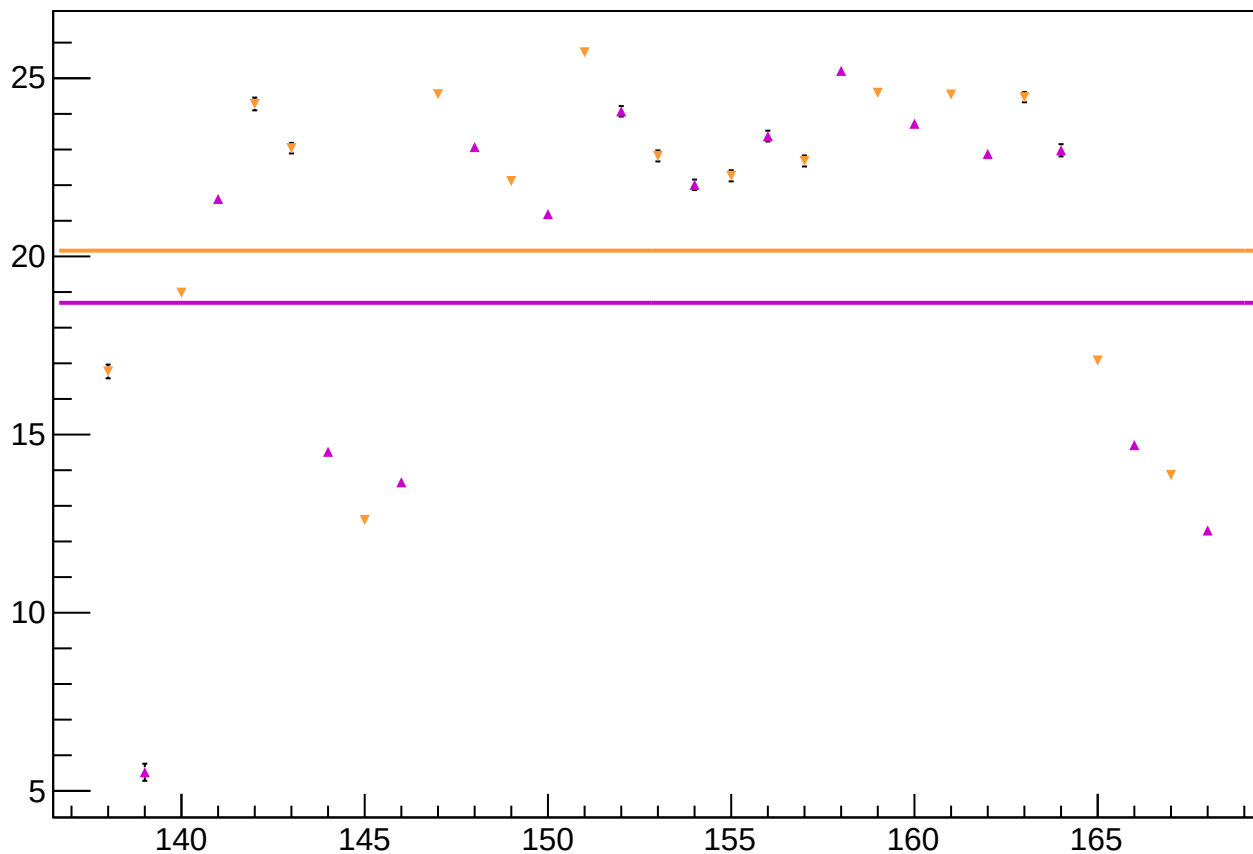
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.018 $\pm$ 0.037 χ^2 /NDF:3156.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.244 $\pm$ 0.036 χ^2 /NDF:5536.1/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.135 $\pm$ 0.026 χ^2 /NDF: 8711.7/30
 - 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 20.162+/-0.032 χ^2/NDF : 21240.7/15

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

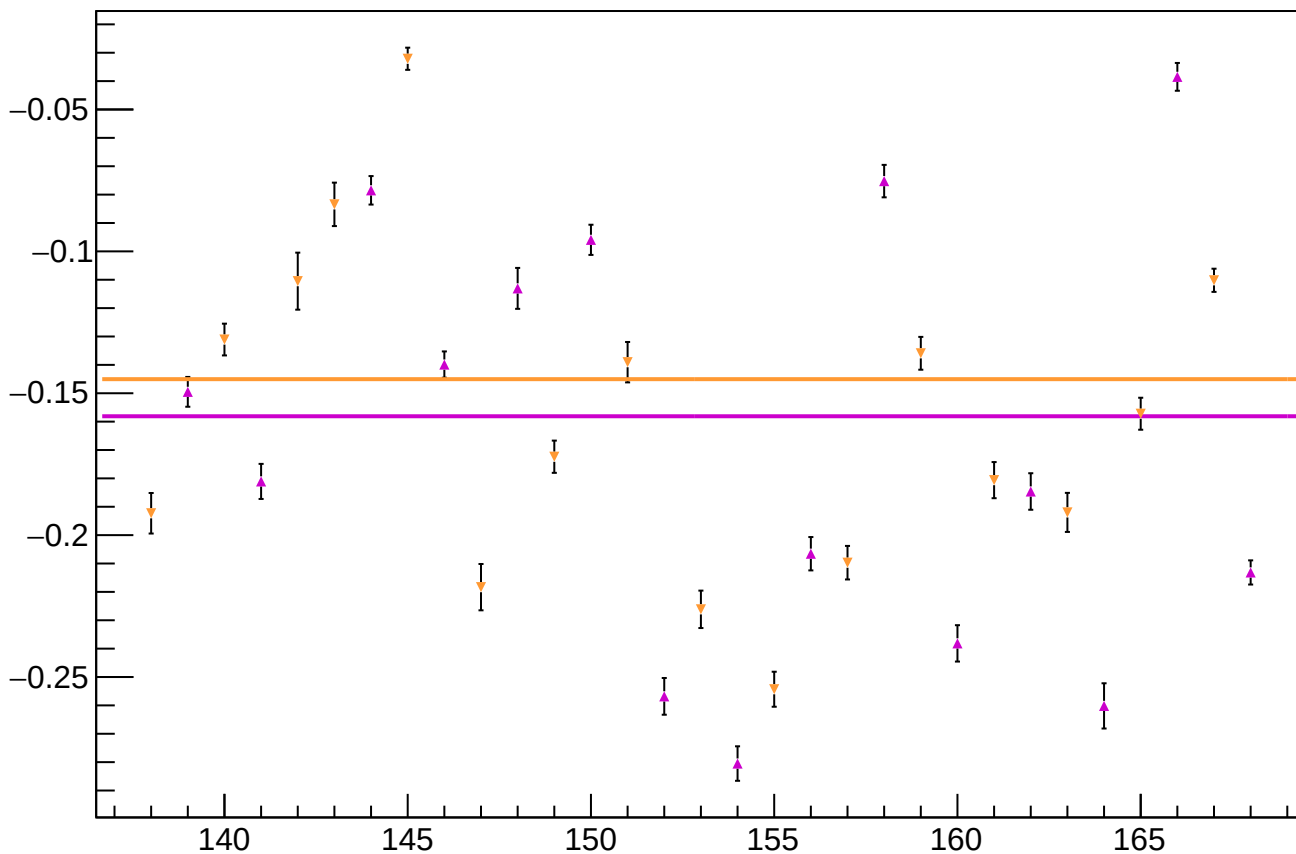
Left In: 18.698+/-0.031 χ^2/NDF : 24301.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.420+/-0.022 χ^2/NDF : 46609.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

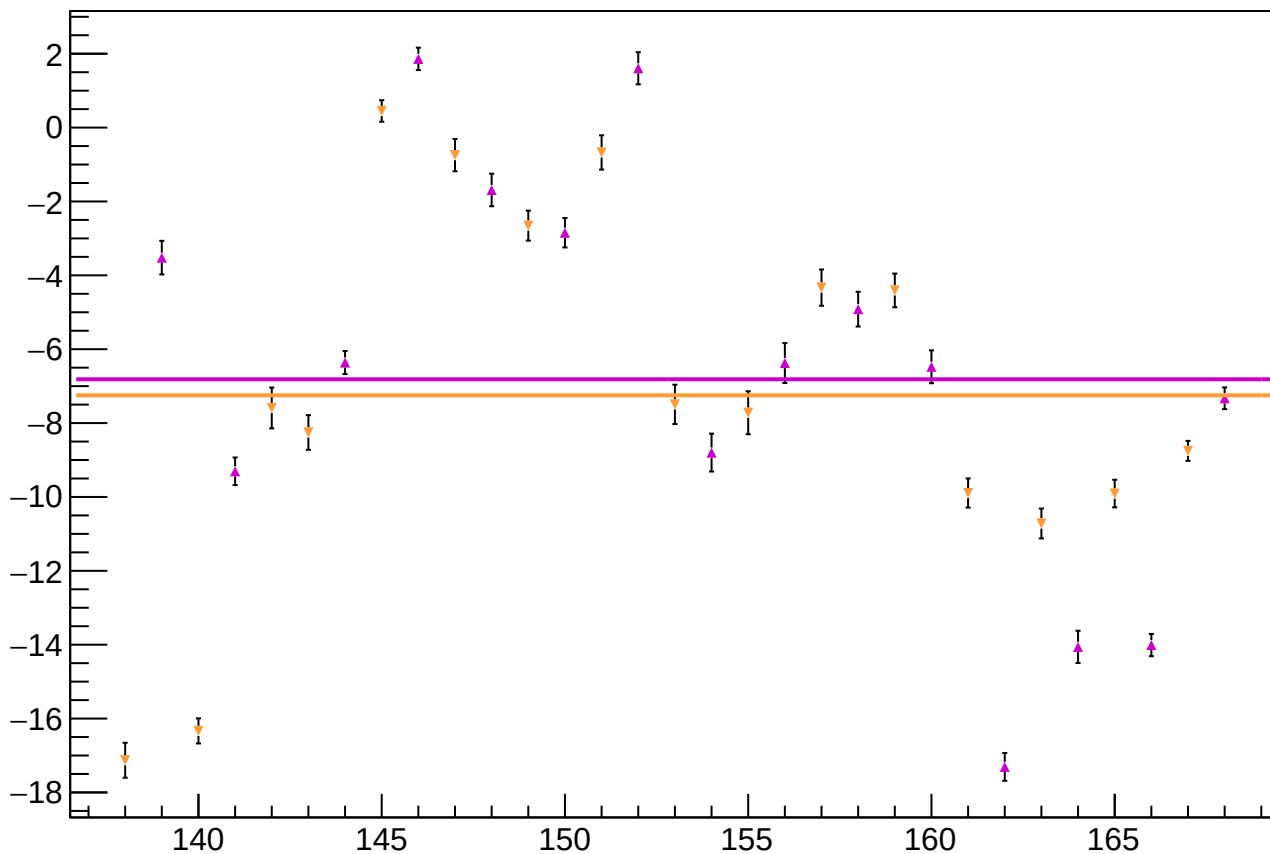
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.145 $\pm$ 0.001 χ^2 /NDF:1808.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.158 $\pm$ 0.001 χ^2 /NDF:2474.8/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.152 $\pm$ 0.001 χ^2 /NDF: 4322.9/30
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

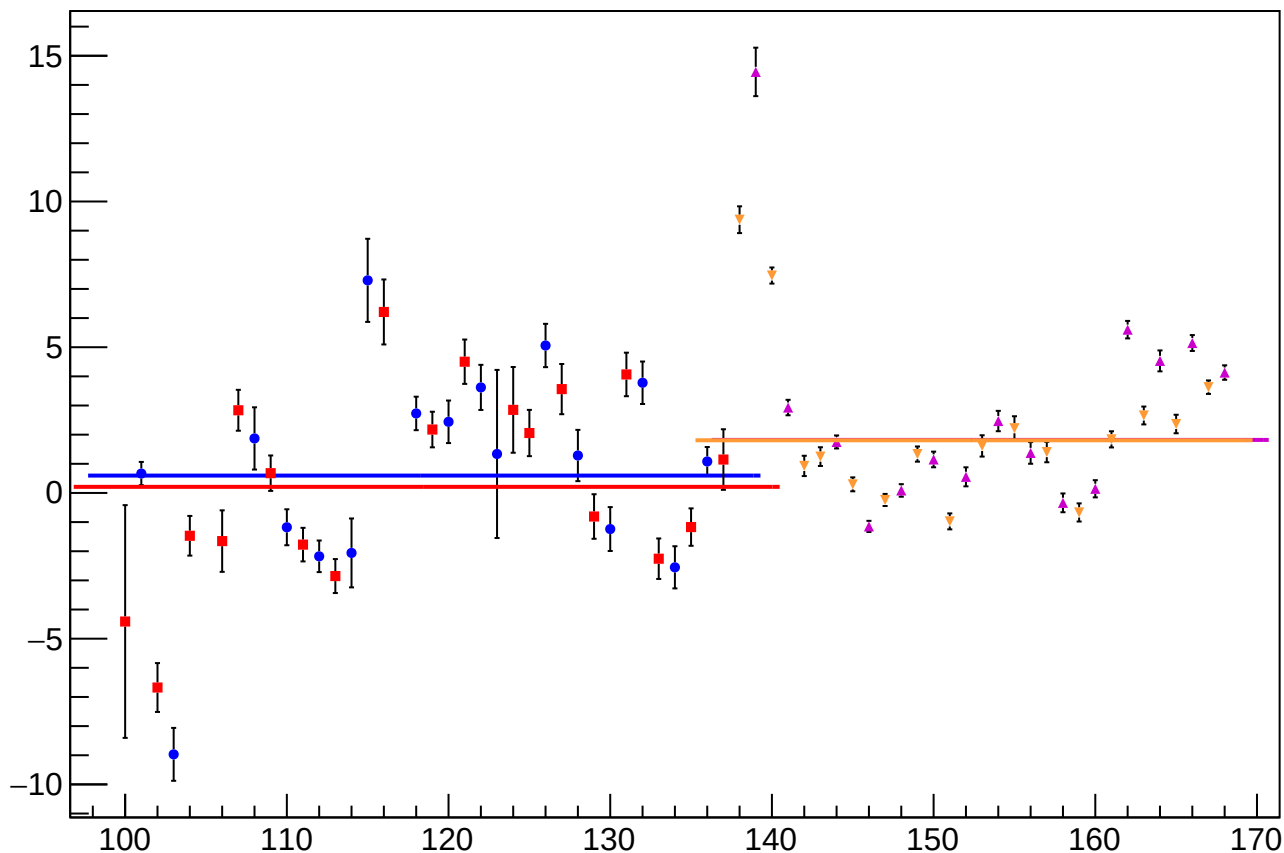
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.248+/-0.101 χ^2/NDF : 2676.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.814+/-0.099 χ^2/NDF : 3183.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.027+/-0.071 χ^2/NDF : 5868.8/30
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 $\pm$ 0.169 χ^2/NDF : 291.2/16

Left Out: 1.808 $\pm$ 0.073 χ^2/NDF :1082.4/15

Right Out: 0.209 $\pm$ 0.175 χ^2/NDF : 273.5/18

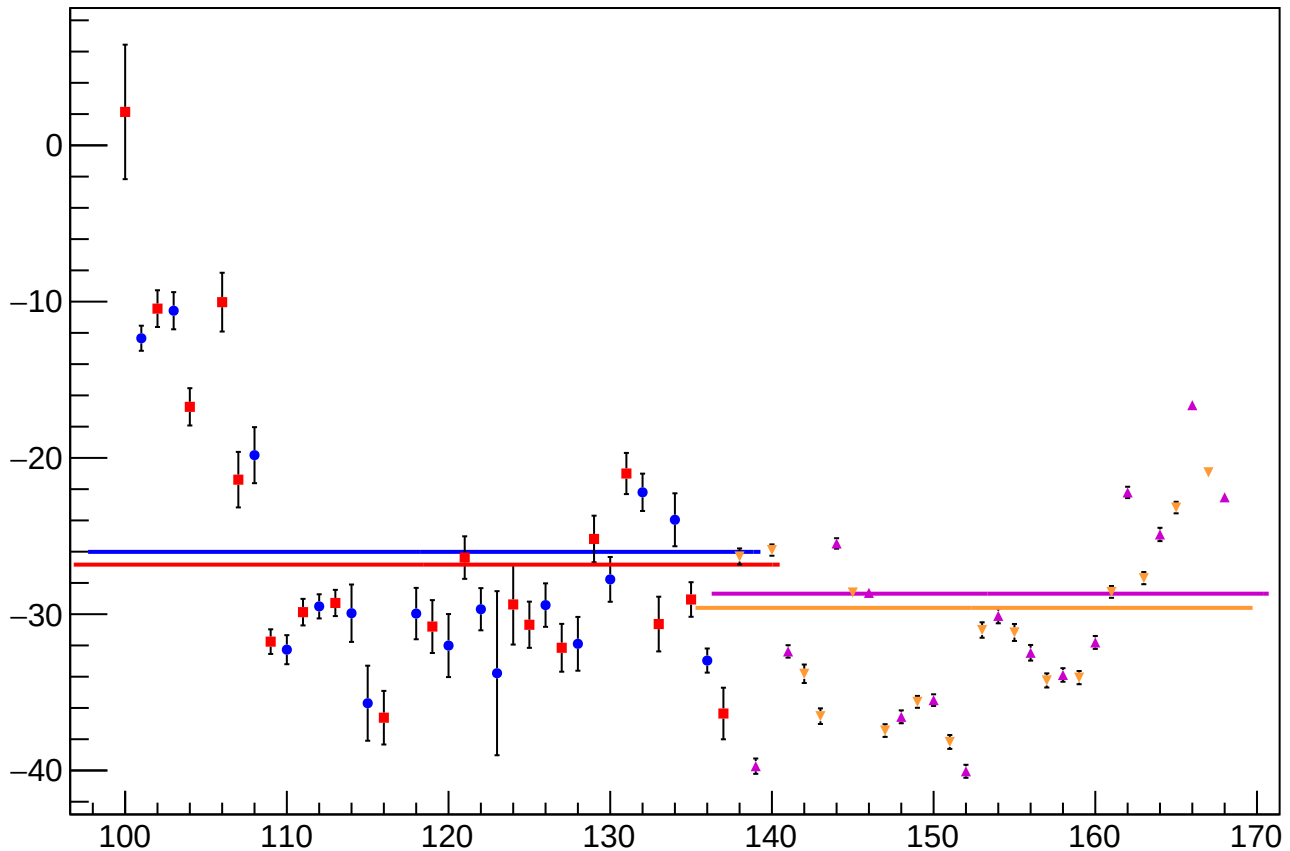
Left In: 1.820 $\pm$ 0.072 χ^2/NDF :1109.5/14

+ sign 1.618 $\pm$ 0.067 χ^2/NDF : 1416.9/32

All: 1.602 $\pm$ 0.047 χ^2/NDF : 2872.7/66

- sign 1.586 $\pm$ 0.067 χ^2/NDF : 1455.7/33

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -29.595 ± 0.101 χ^2/NDF : 2946.2/15

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

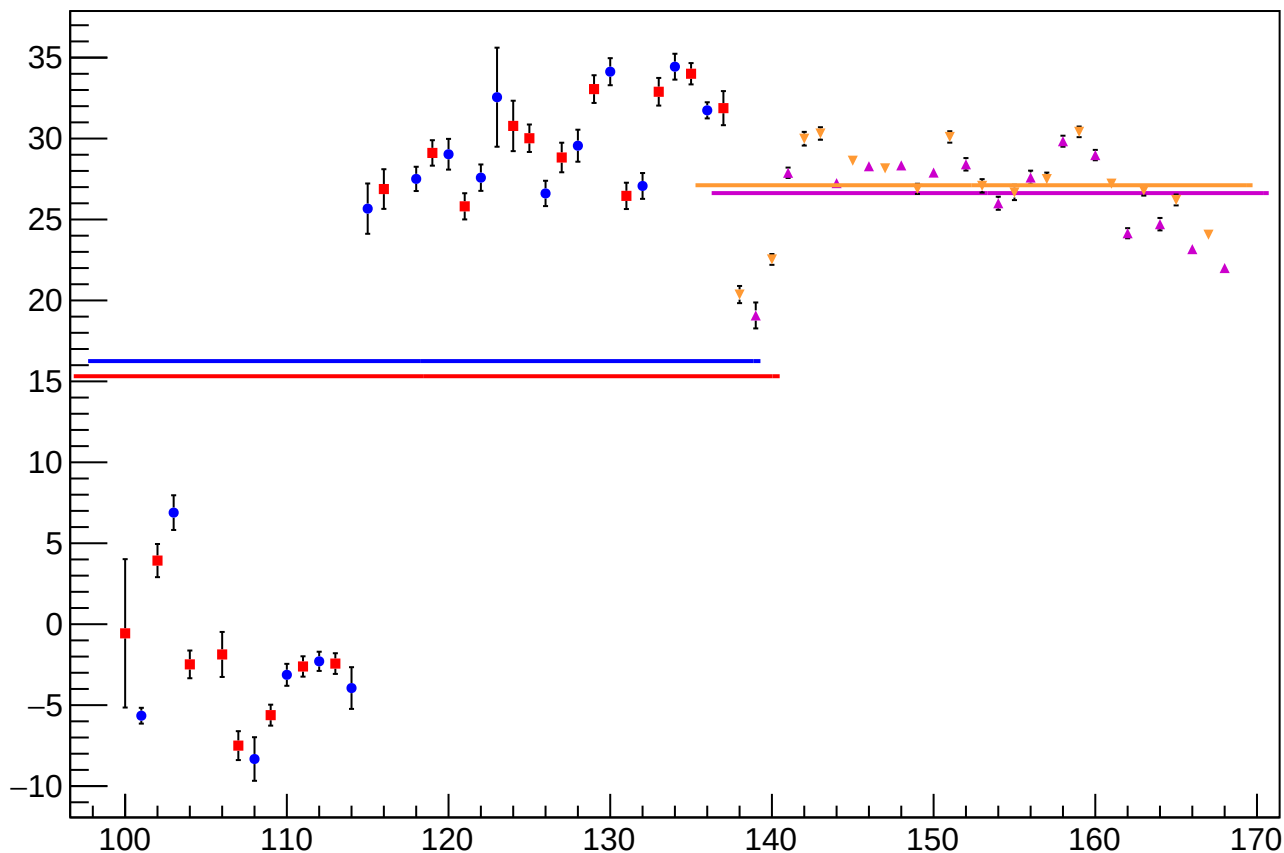
Left In: -28.688 ± 0.098 χ^2/NDF : 4765.3/14

+ sign -29.231 ± 0.095 χ^2/NDF : 3767.6/32

All: -28.859 ± 0.067 χ^2/NDF : 9179.4/66

- sign -28.507 ± 0.093 χ^2/NDF : 5382.1/33

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253 +/- 0.191 χ^2/NDF : 7611.3/16

Left Out: 27.116 +/- 0.085 χ^2/NDF : 837.8/15

Right Out: 15.318 +/- 0.197 χ^2/NDF : 7280.1/18

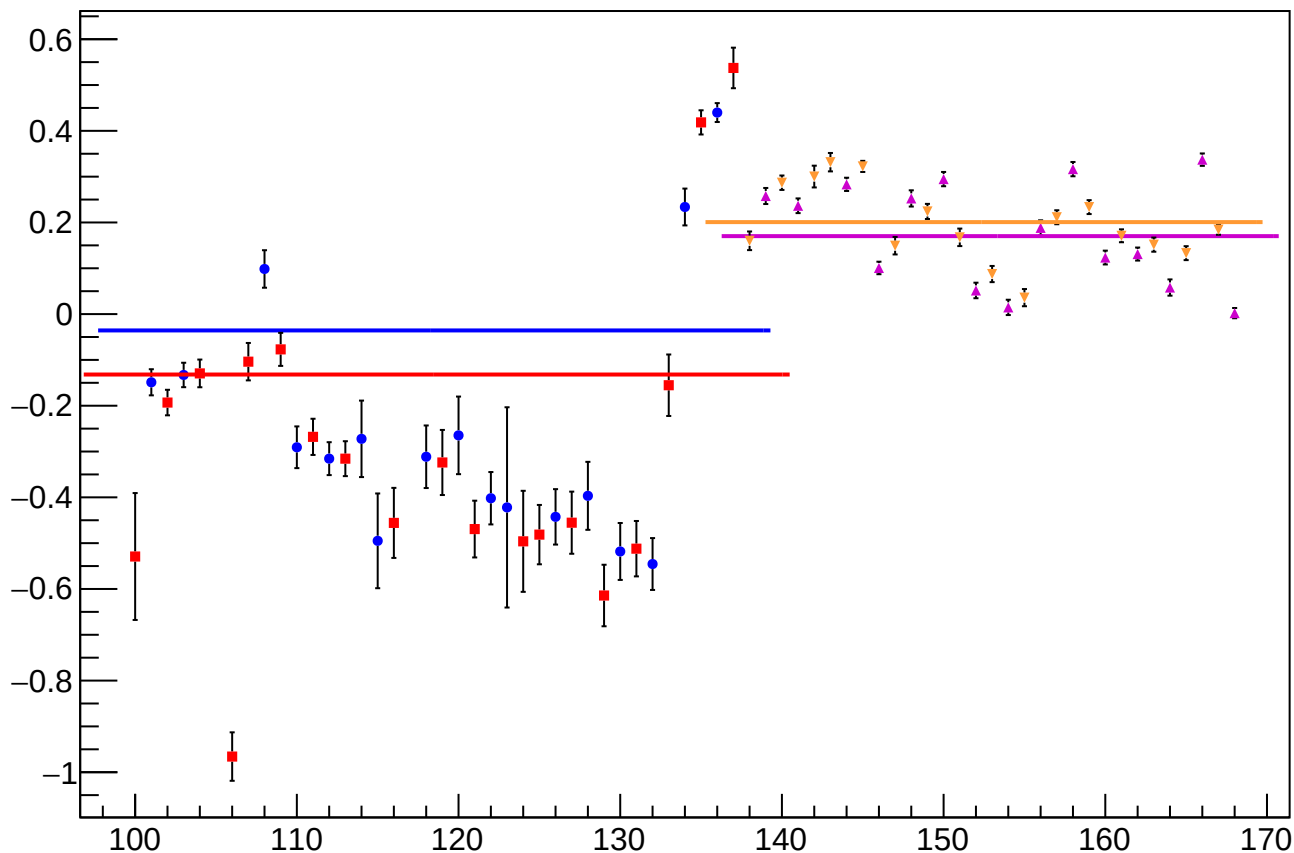
Left In: 26.630 +/- 0.084 χ^2/NDF : 864.4/14

+ sign 25.335 +/- 0.077 χ^2/NDF : 11152.8/32

All: 25.114 +/- 0.055 χ^2/NDF : 22105.1/66

- sign 24.894 +/- 0.077 χ^2/NDF : 10935.9/33

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.201 ± 0.004 χ^2/NDF : 366.4/15

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

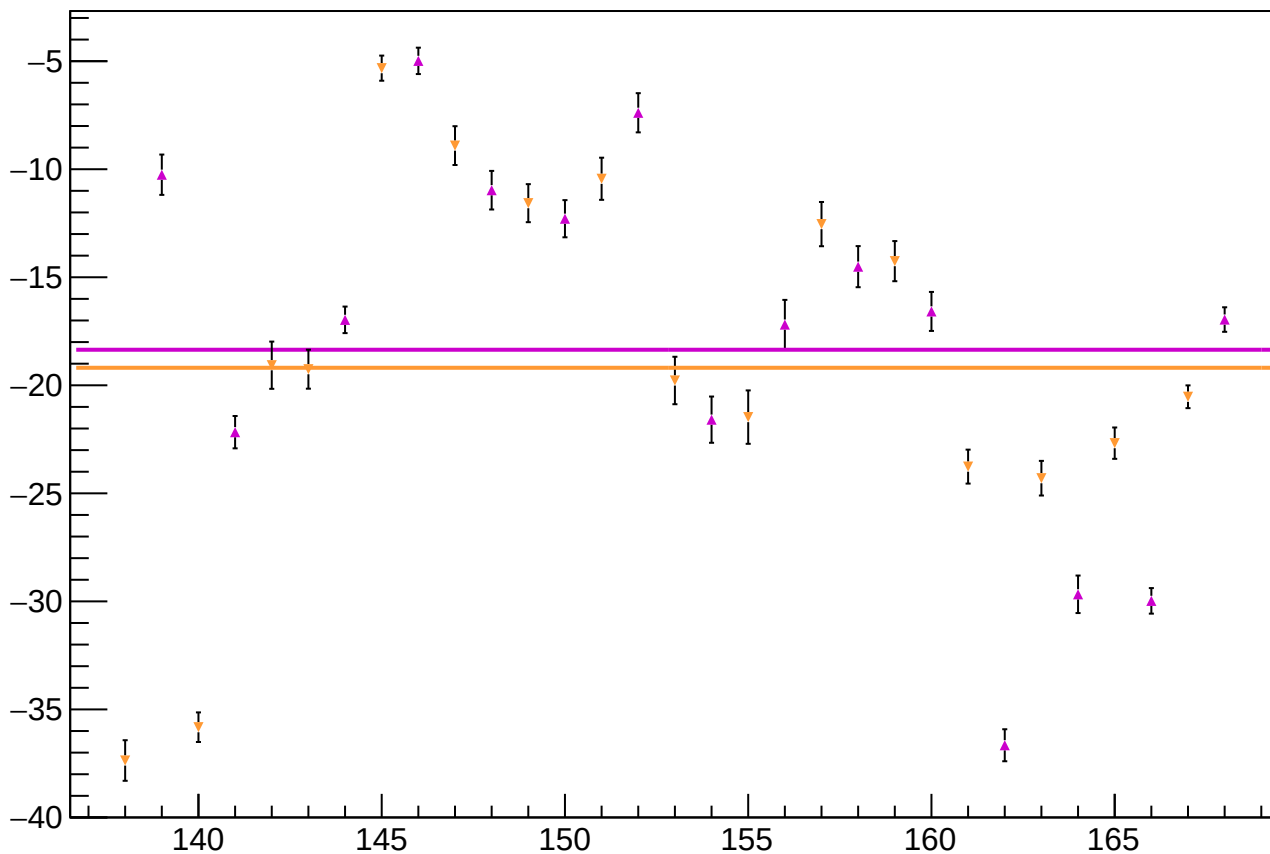
Left In: 0.170 ± 0.004 χ^2/NDF : 873.5/14

+ sign 0.170 ± 0.004 χ^2/NDF : 1838.3/32

All: 0.151 ± 0.003 χ^2/NDF : 4679.2/66

- sign 0.132 ± 0.004 χ^2/NDF : 2789.1/33

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -19.189+/-0.203 χ^2/NDF :1997.9/15

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

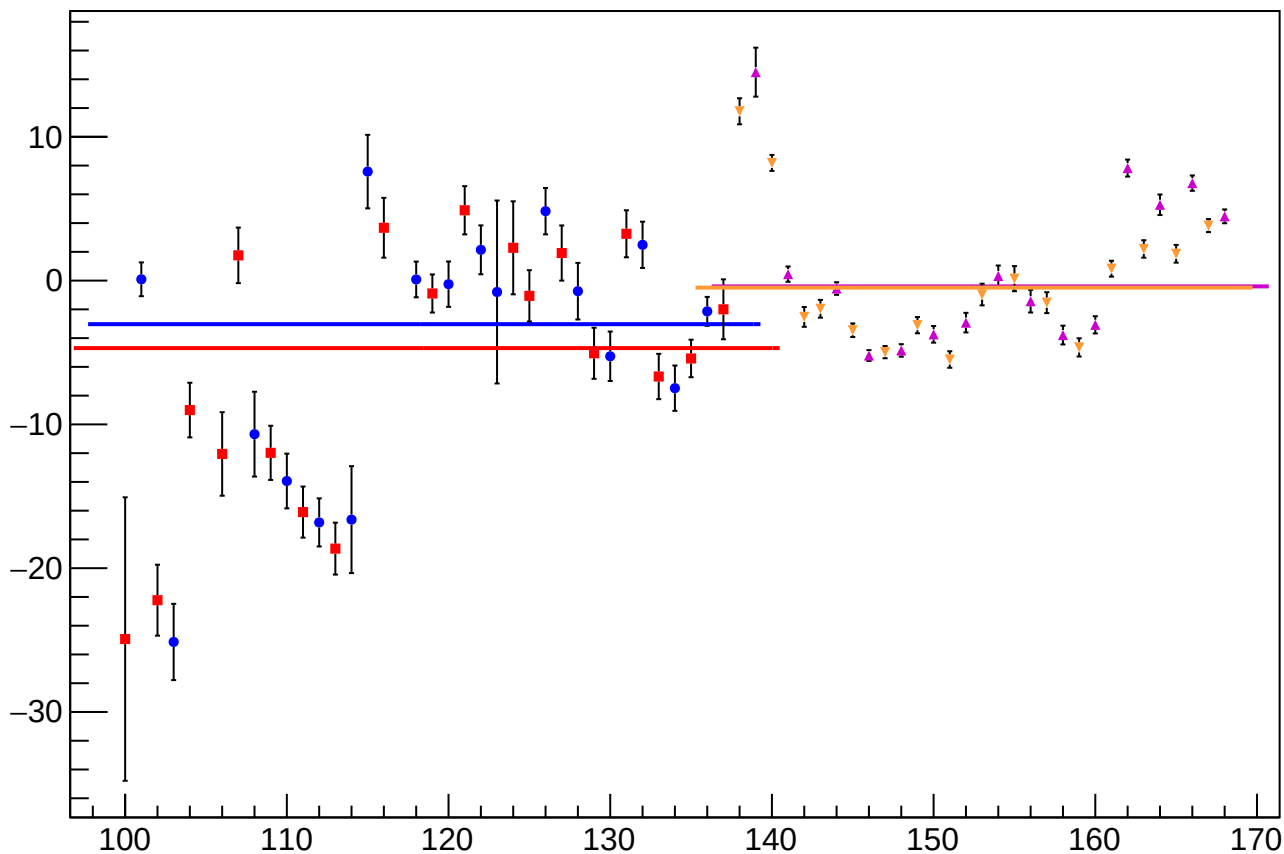
Left In: -18.354+/-0.199 χ^2/NDF :2053.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.763+/-0.142 χ^2/NDF : 4060.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Left Out: -0.487 ± 0.147 χ^2/NDF : 866.1/15

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

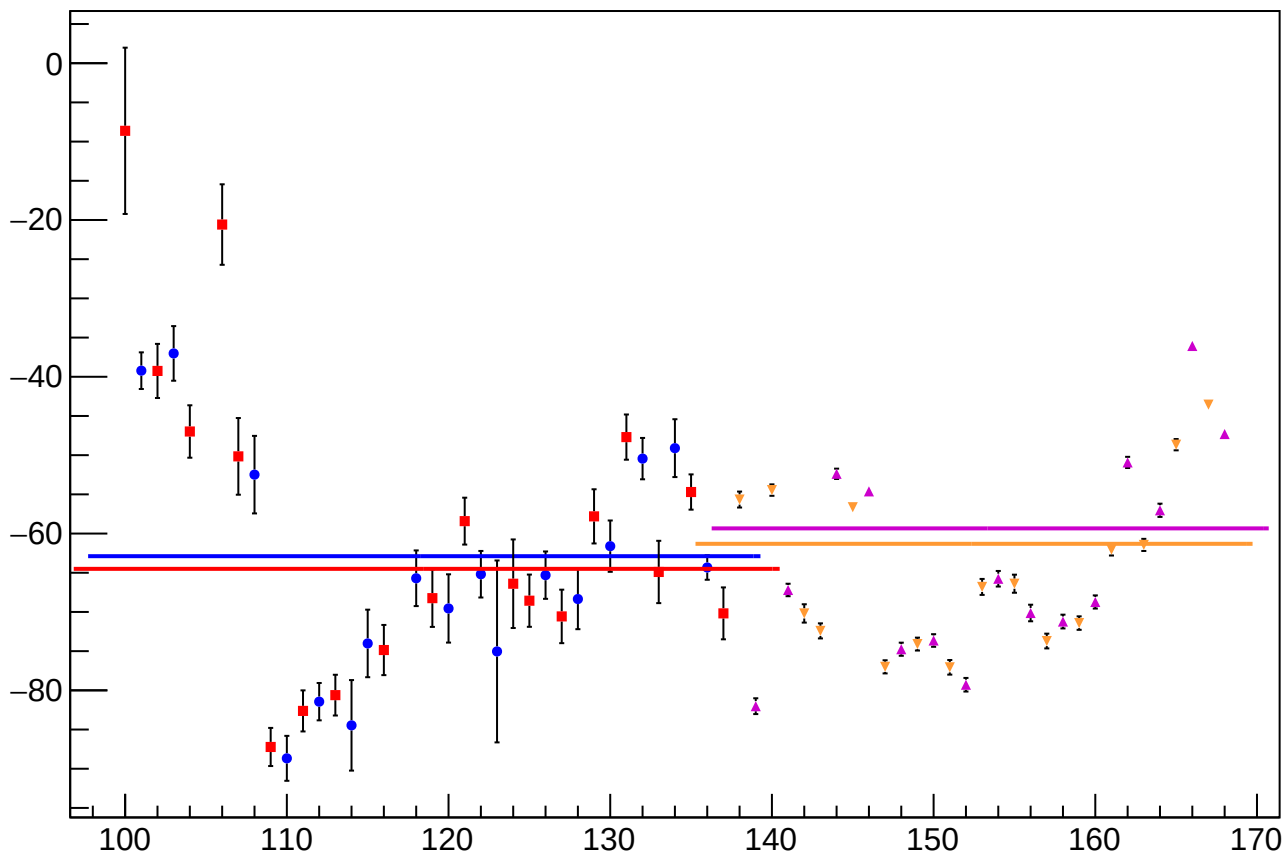
Left In: -0.402 ± 0.144 χ^2/NDF : 984.0/14

+ sign -0.780 ± 0.138 χ^2/NDF : 1181.4/32

All: -0.812 ± 0.097 χ^2/NDF : 2554.5/66

- sign -0.844 ± 0.137 χ^2/NDF : 1373.0/33

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -61.308 ± 0.203 χ^2/NDF : 2996.9/15

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

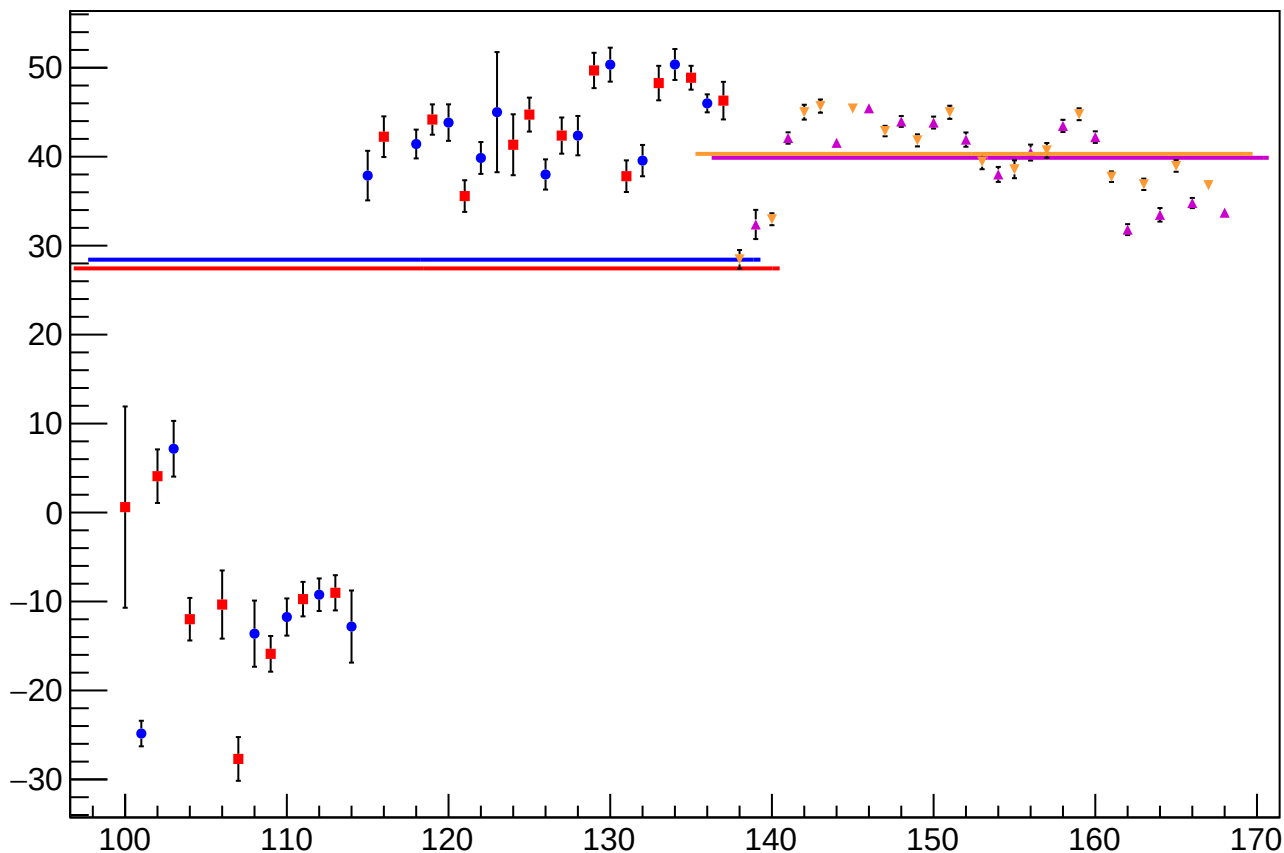
Left In: -59.341 ± 0.197 χ^2/NDF : 4494.5/14

+ sign -61.419 ± 0.195 χ^2/NDF : 3369.9/32

All: -60.522 ± 0.136 χ^2/NDF : 8393.6/66

- sign -59.672 ± 0.190 χ^2/NDF : 4982.7/33

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 40.318 $\pm$ 0.170 χ^2 /NDF:633.8/15

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

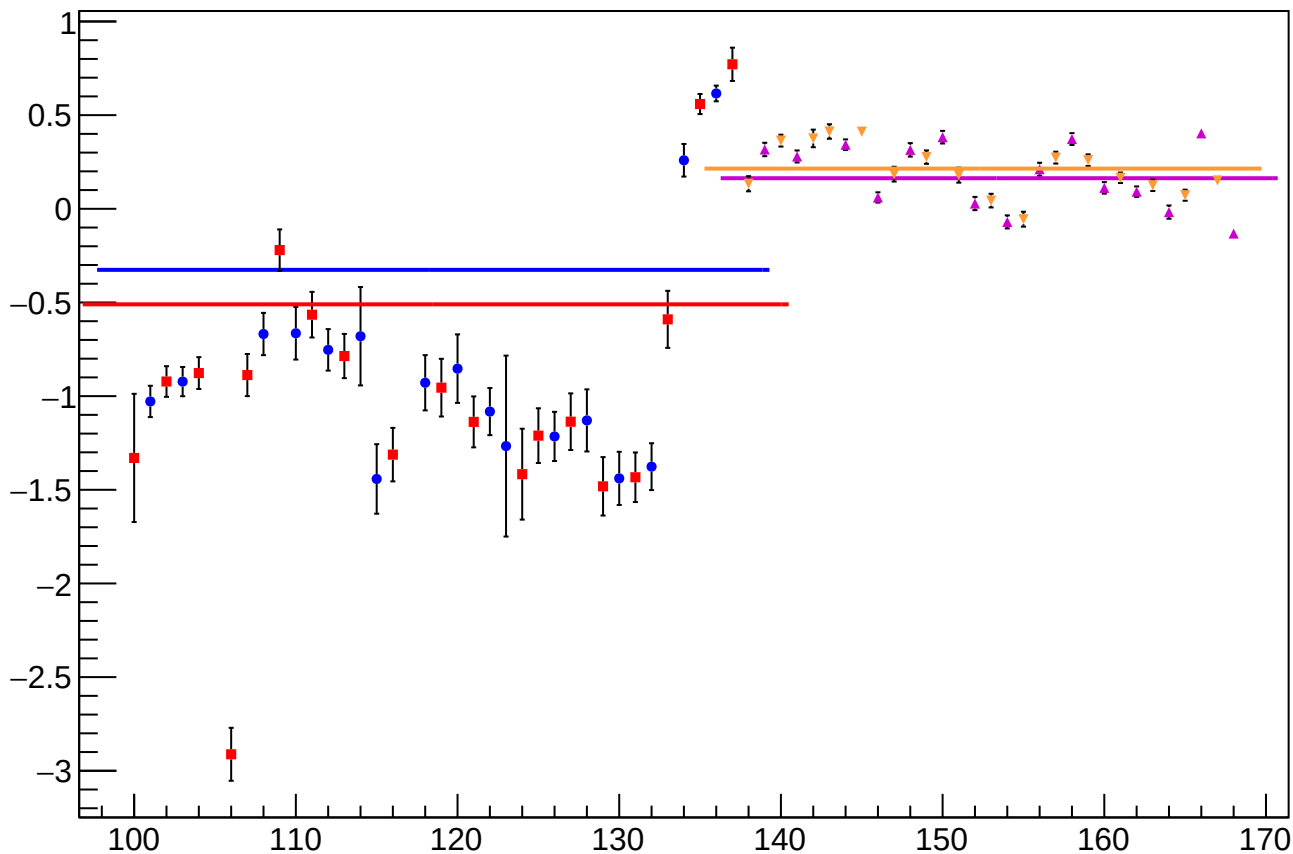
Left In: 39.876 $\pm$ 0.169 χ^2 /NDF:755.4/14

+ sign 38.866 $\pm$ 0.160 χ^2 /NDF: 4558.5/32

All: 38.684 $\pm$ 0.113 χ^2 /NDF: 8949.9/66

- sign 38.503 $\pm$ 0.159 χ^2 /NDF: 4388.8/33

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.215 ± 0.008 χ^2/NDF : 251.0/15

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

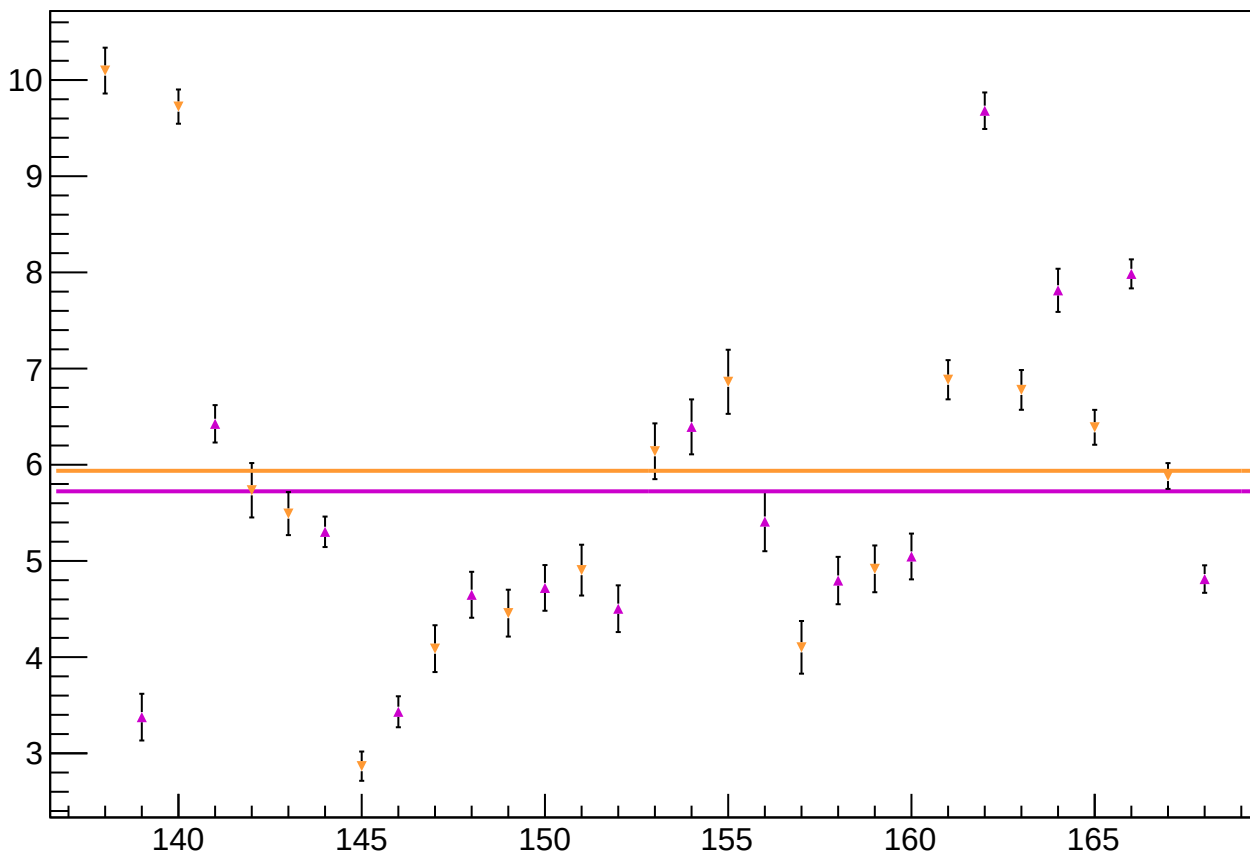
Left In: 0.163 ± 0.008 χ^2/NDF : 552.0/14

+ sign 0.164 ± 0.008 χ^2/NDF : 1690.9/32

All: 0.134 ± 0.005 χ^2/NDF : 4068.8/66

- sign 0.105 ± 0.008 χ^2/NDF : 2348.5/33

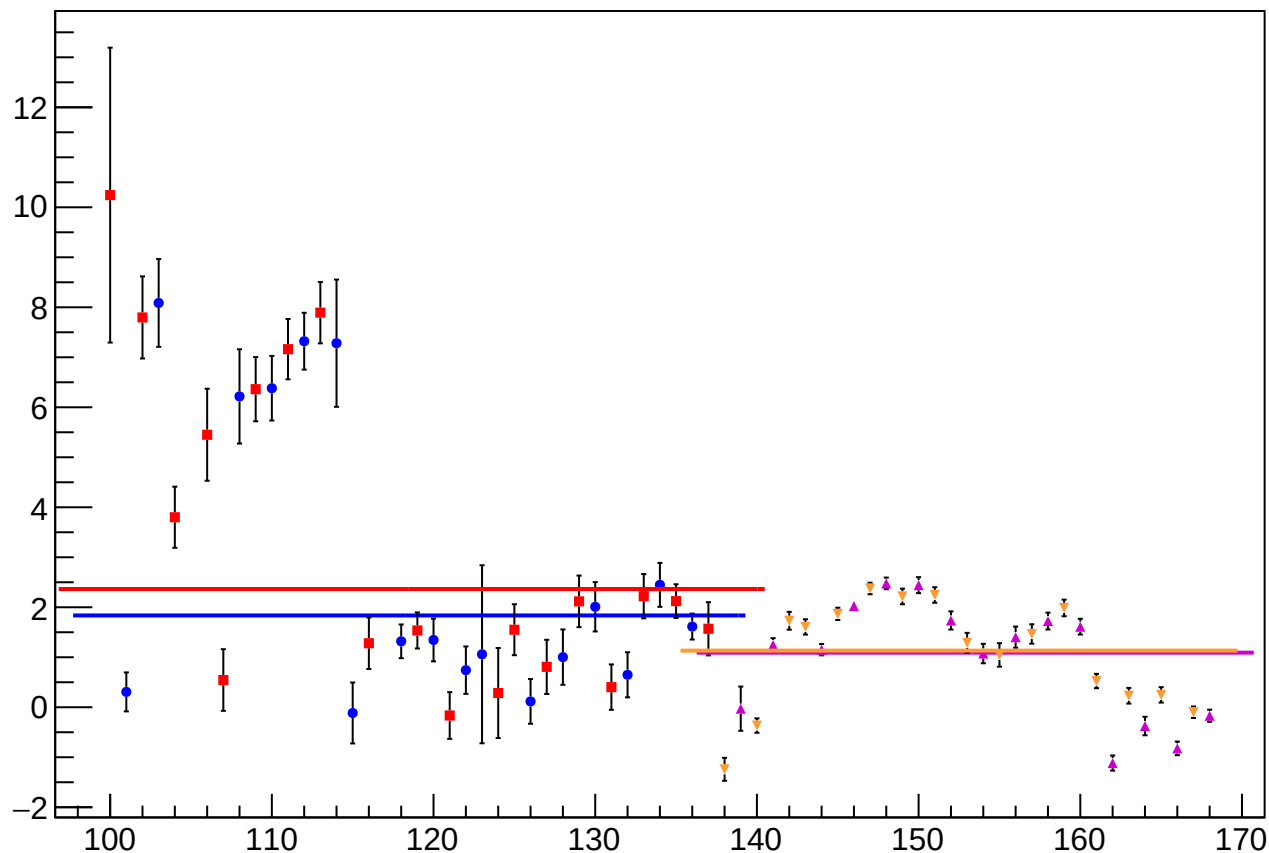
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.937+/-0.053 χ^2/NDF :1394.1/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.724+/-0.052 χ^2/NDF :1194.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 5.828+/-0.037 χ^2/NDF : 2596.8/30
 - 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: 1.133 ± 0.038 χ^2/NDF : 716.7/15

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

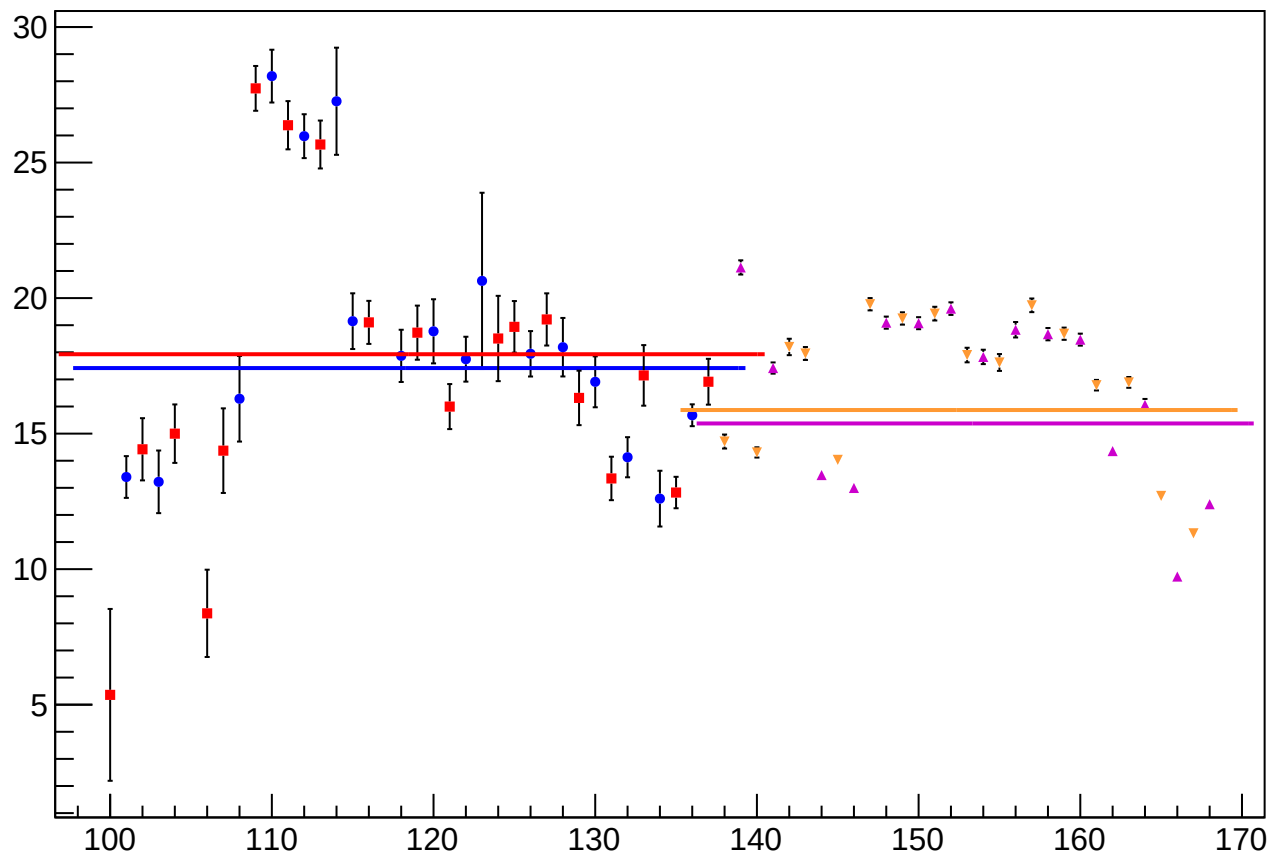
Left In: 1.092 ± 0.038 χ^2/NDF : 933.8/14

+ sign 1.202 ± 0.036 χ^2/NDF : 1044.7/32

All: 1.202 ± 0.026 χ^2/NDF : 2413.3/66

- sign 1.202 ± 0.036 χ^2/NDF : 1368.6/33

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: 15.870 ± 0.053 χ^2/NDF : 2999.5/15

Right Out: 17.929 ± 0.219 χ^2/NDF : 506.3/18

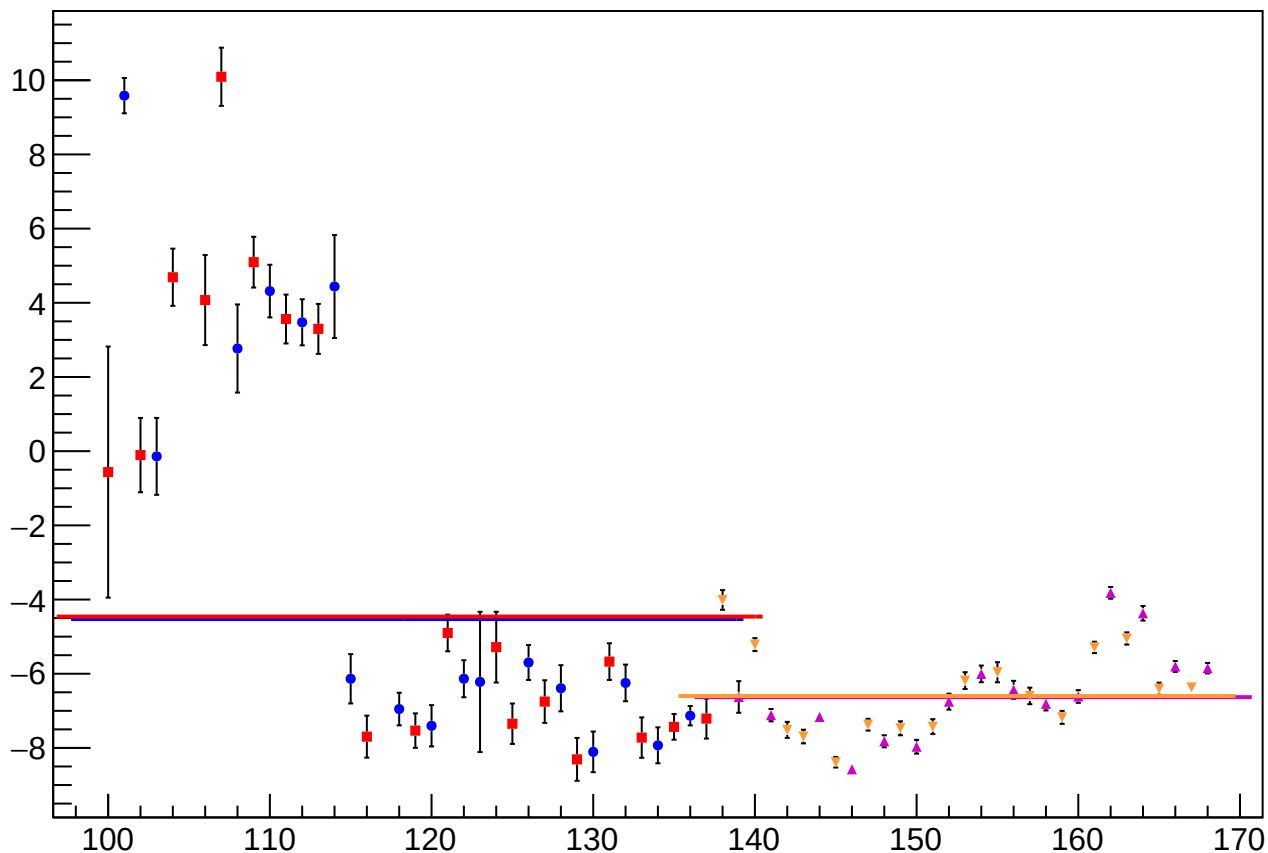
Left In: 15.375 ± 0.051 χ^2/NDF : 4278.6/14

+ sign 15.961 ± 0.051 χ^2/NDF : 3416.6/32

All: 15.729 ± 0.036 χ^2/NDF : 8370.7/66

- sign 15.508 ± 0.050 χ^2/NDF : 4914.0/33

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -6.601 ± 0.044 χ^2/NDF : 617.4/15

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

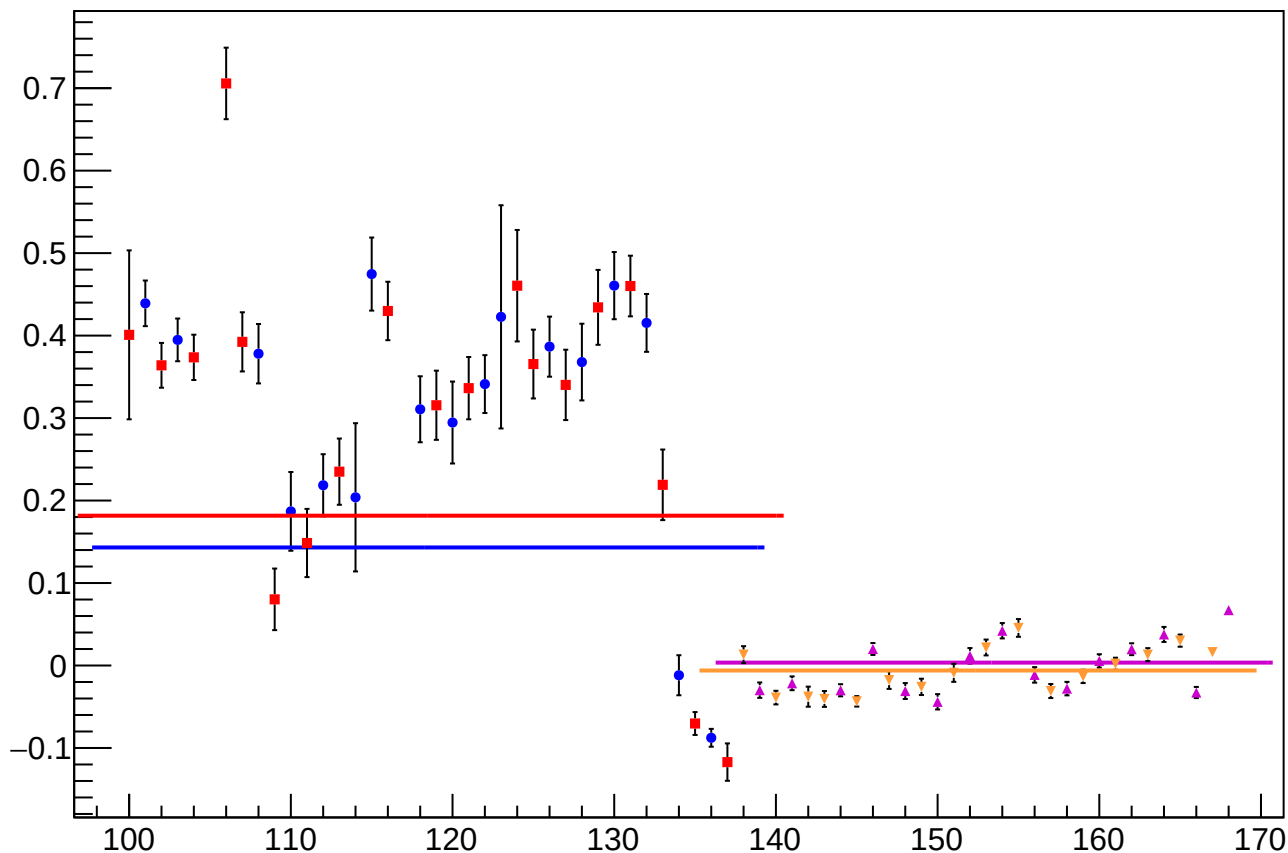
Left In: -6.631 ± 0.044 χ^2/NDF : 897.0/14

+ sign -6.383 ± 0.042 χ^2/NDF : 2437.3/32

All: -6.405 ± 0.030 χ^2/NDF : 4901.8/66

- sign -6.428 ± 0.042 χ^2/NDF : 2463.9/33

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: -0.006 ± 0.002 $\chi^2/\text{NDF}: 167.1/15$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

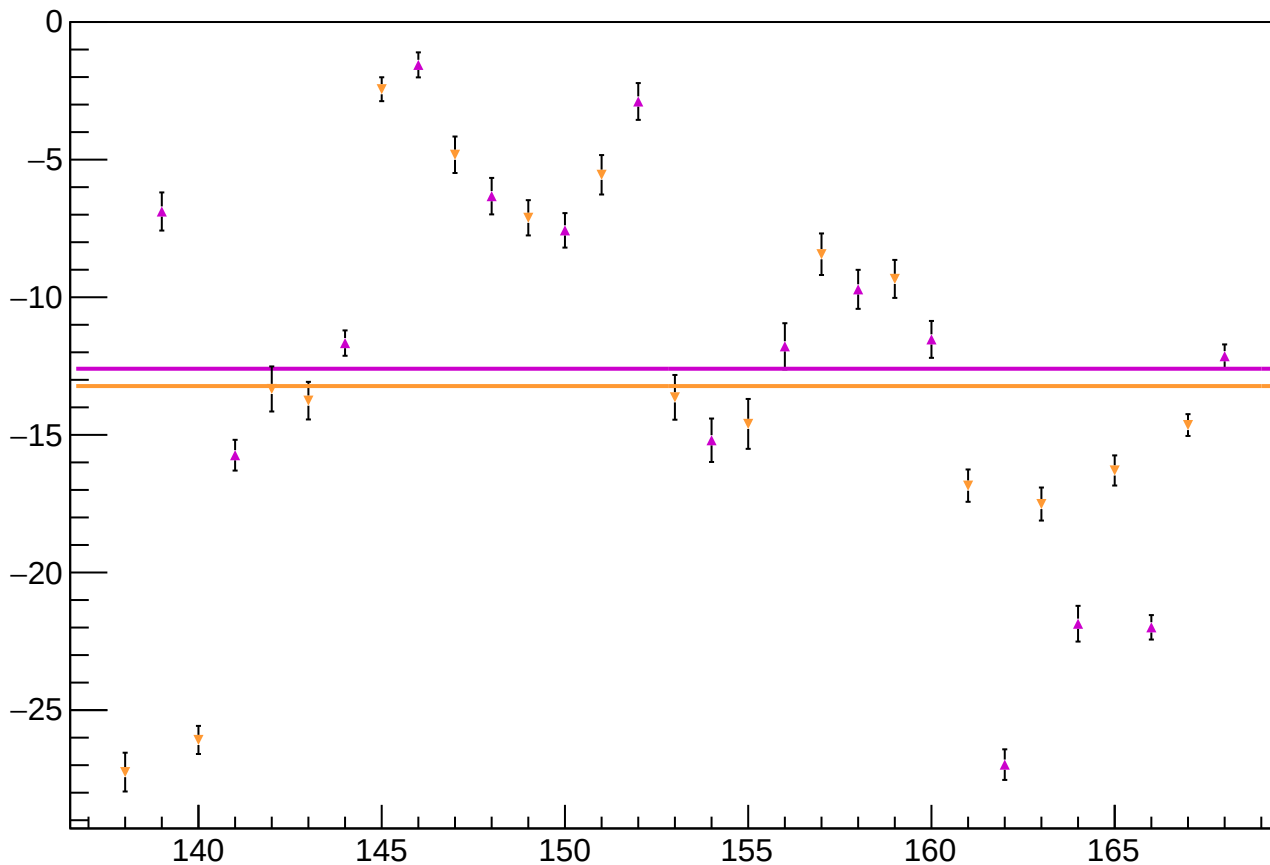
Left In: 0.004 ± 0.002 $\chi^2/\text{NDF}: 304.3/14$

+ sign 0.006 ± 0.002 $\chi^2/\text{NDF}: 1638.9/32$

All: 0.011 ± 0.001 $\chi^2/\text{NDF}: 3504.1/66$

- sign 0.016 ± 0.002 $\chi^2/\text{NDF}: 1851.9/33$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.227+/-0.152 χ^2/NDF : 2222.4/15

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

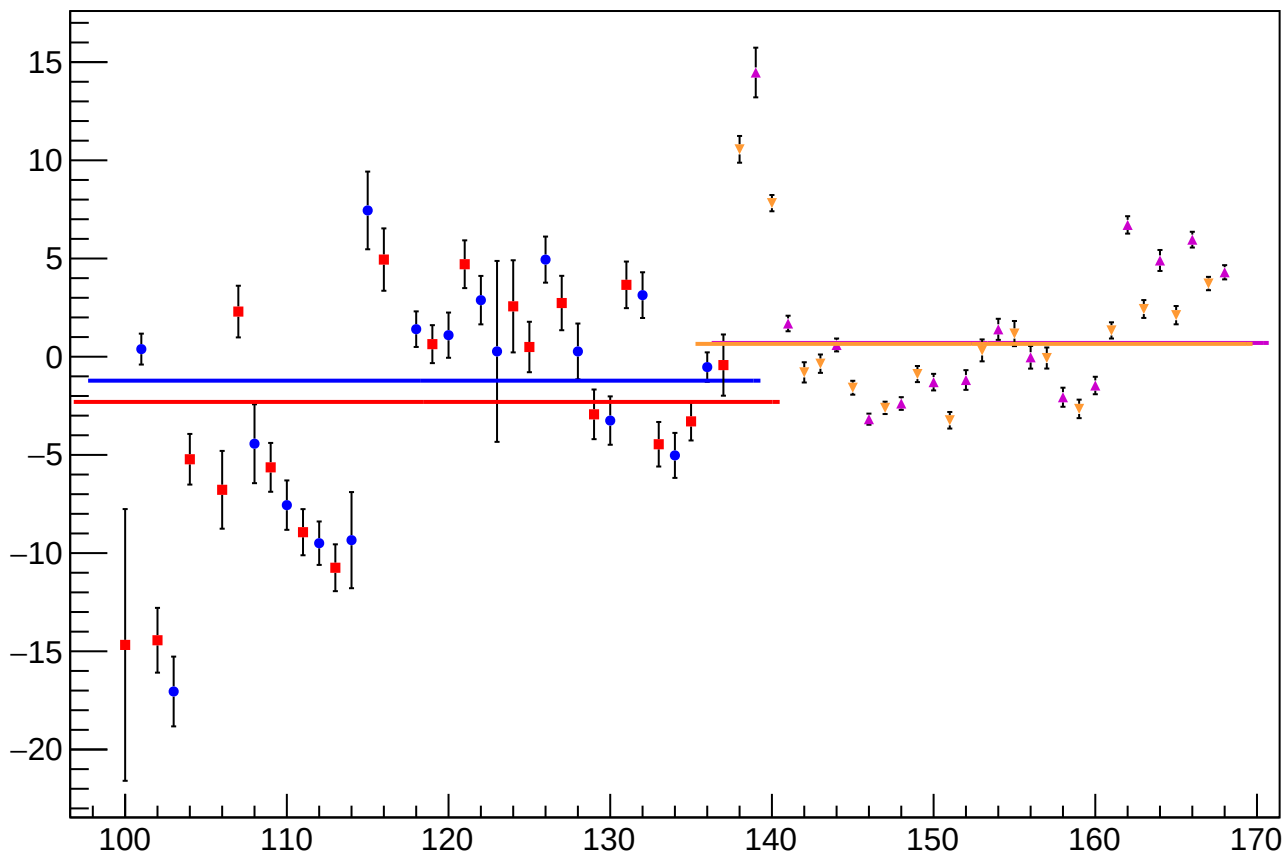
Left In: -12.597+/-0.149 χ^2/NDF : 2410.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.905+/-0.106 χ^2/NDF : 4641.7/30

- 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: 0.653 ± 0.109 χ^2/NDF : 931.5/15

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

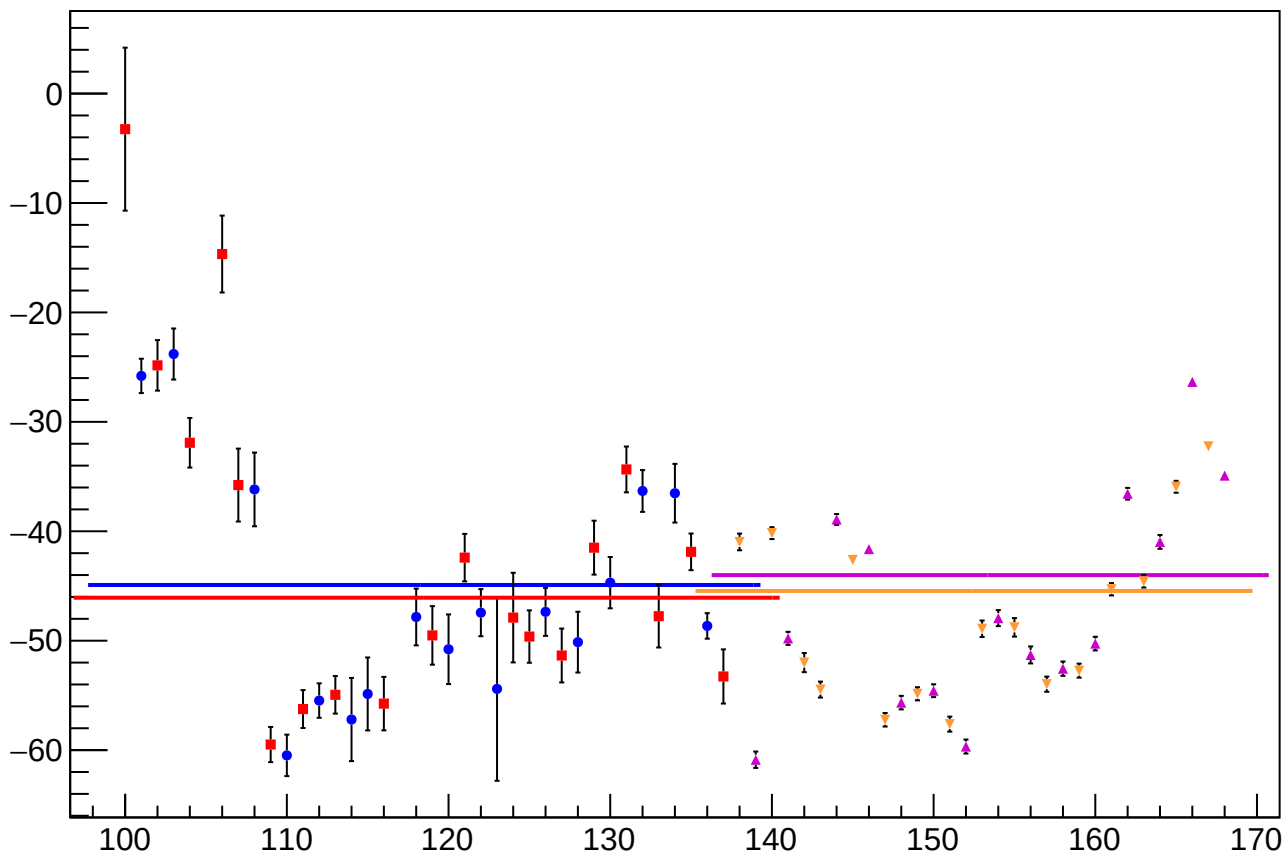
Left In: 0.701 ± 0.108 χ^2/NDF : 1016.4/14

+ sign 0.420 ± 0.102 χ^2/NDF : 1246.7/32

All: 0.391 ± 0.072 χ^2/NDF : 2636.9/66

- sign 0.363 ± 0.102 χ^2/NDF : 1390.1/33

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -45.452 ± 0.151 χ^2/NDF : 2985.3/15

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

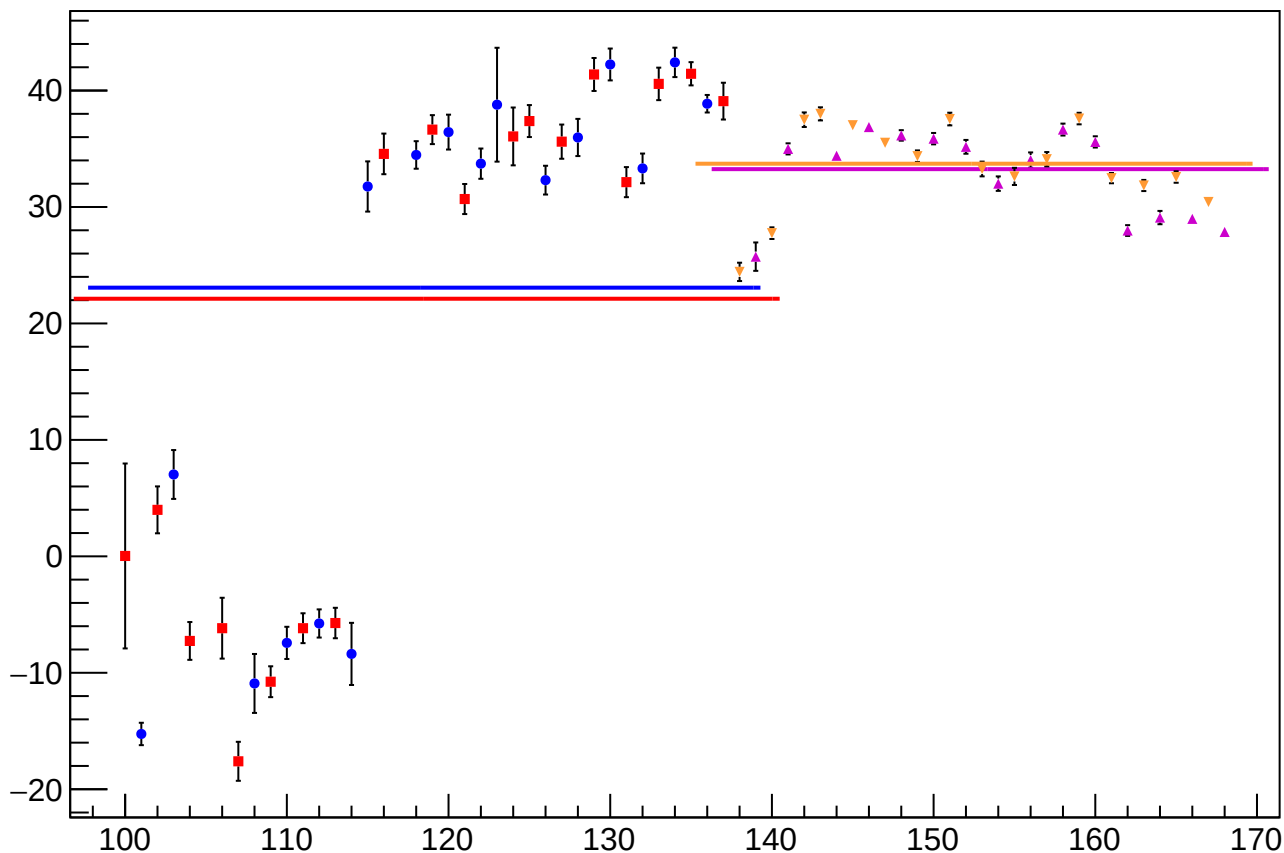
Left In: -44.004 ± 0.147 χ^2/NDF : 4579.7/14

+ sign -45.410 ± 0.145 χ^2/NDF : 3407.4/32

All: -44.764 ± 0.101 χ^2/NDF : 8493.9/66

- sign -44.152 ± 0.141 χ^2/NDF : 5047.9/33

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 33.717 $\pm$ 0.127 χ^2 /NDF:680.4/15

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

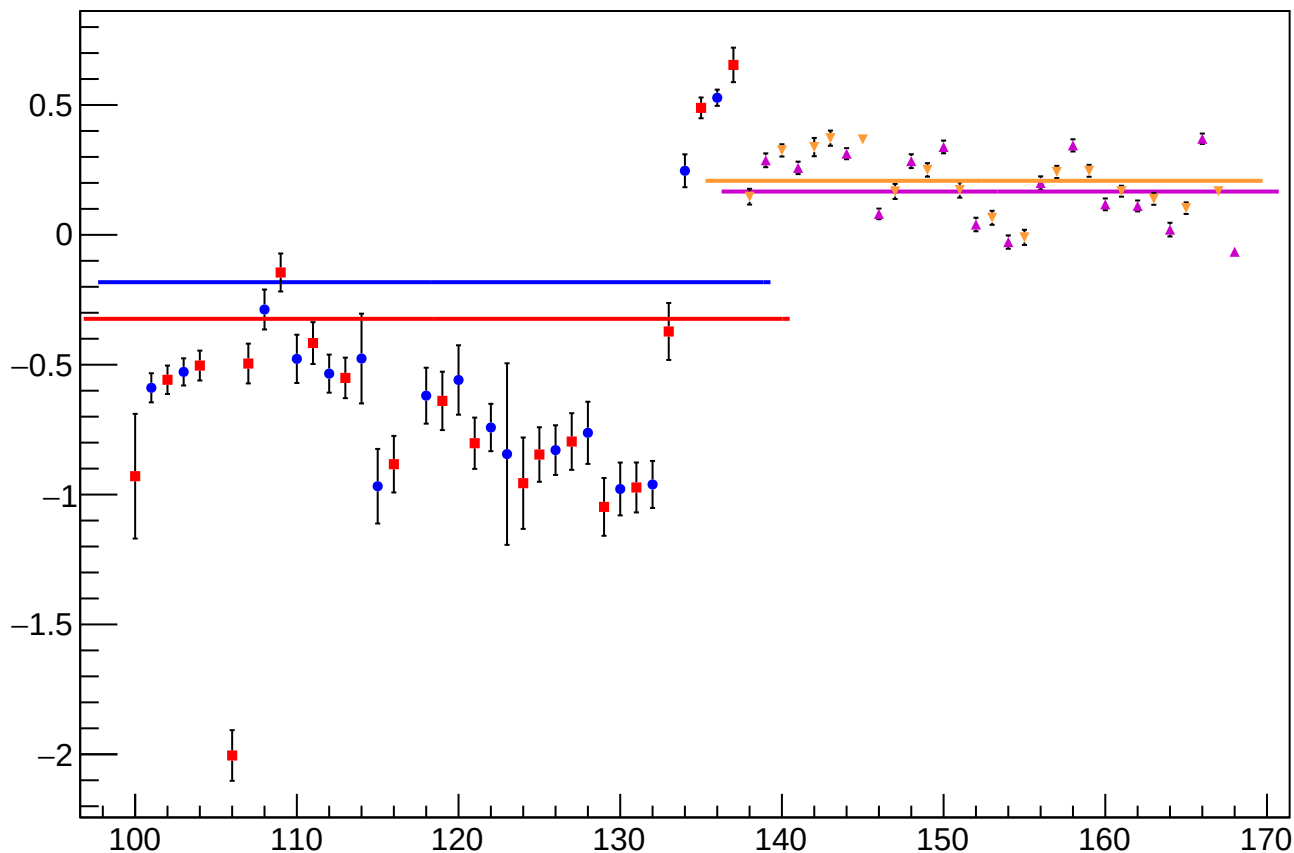
Left In: 33.250 $\pm$ 0.126 χ^2 /NDF:761.7/14

+ sign 32.315 $\pm$ 0.118 χ^2 /NDF: 5952.0/32

All: 32.112 $\pm$ 0.084 χ^2 /NDF: 11696.9/66

- sign 31.911 $\pm$ 0.118 χ^2 /NDF: 5739.1/33

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.208 ± 0.006 χ^2/NDF : 286.7/15

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

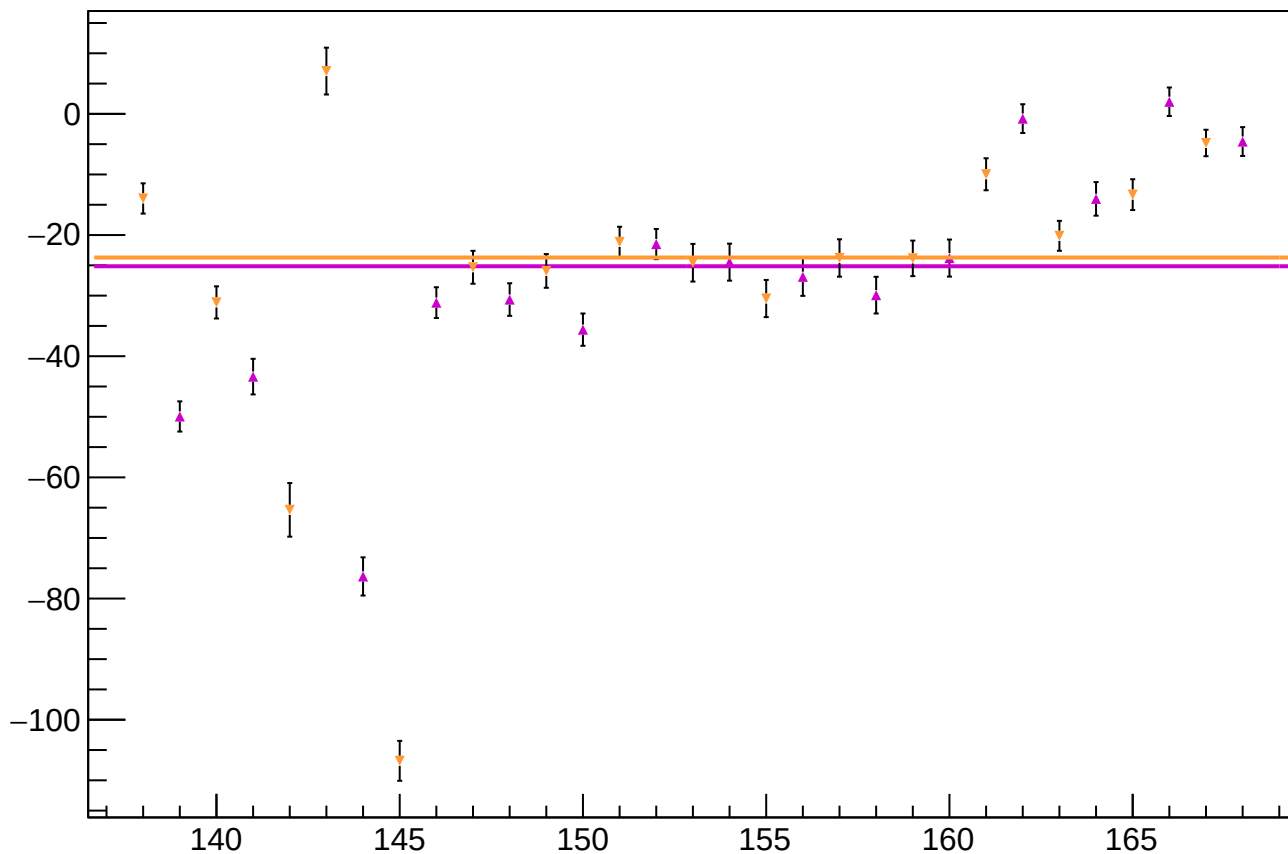
Left In: 0.167 ± 0.006 χ^2/NDF : 653.3/14

+ sign 0.168 ± 0.006 χ^2/NDF : 1720.0/32

All: 0.144 ± 0.004 χ^2/NDF : 4252.9/66

- sign 0.120 ± 0.006 χ^2/NDF : 2497.0/33

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -23.710+/-0.700 χ^2/NDF : 937.8/15

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

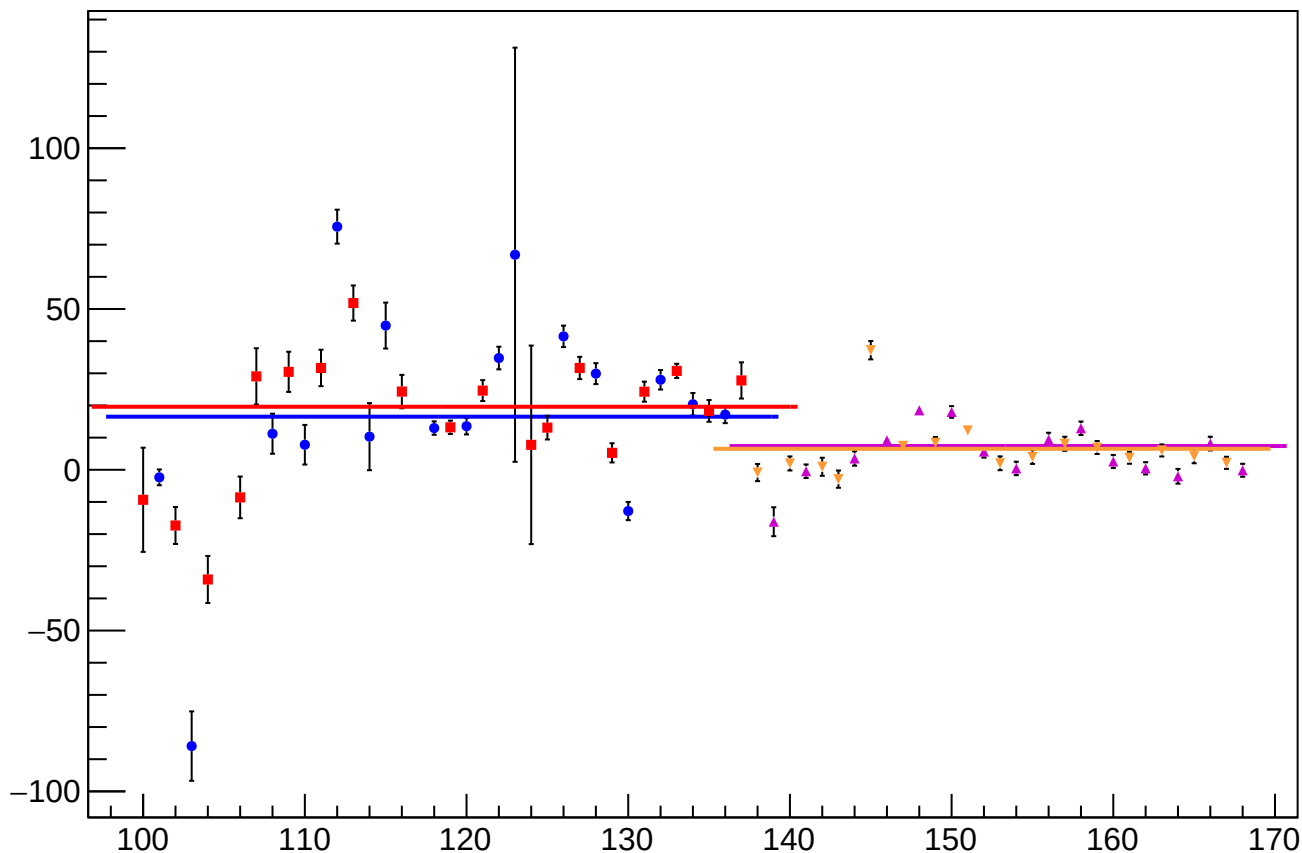
Left In: -25.152+/-0.697 χ^2/NDF : 760.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.435+/-0.494 χ^2/NDF : 1700.5/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 ± 0.847 χ^2/NDF : 519.6/16

Left Out: 6.526 ± 0.494 χ^2/NDF : 176.3/15

Right Out: 19.604 ± 0.898 χ^2/NDF : 242.0/18

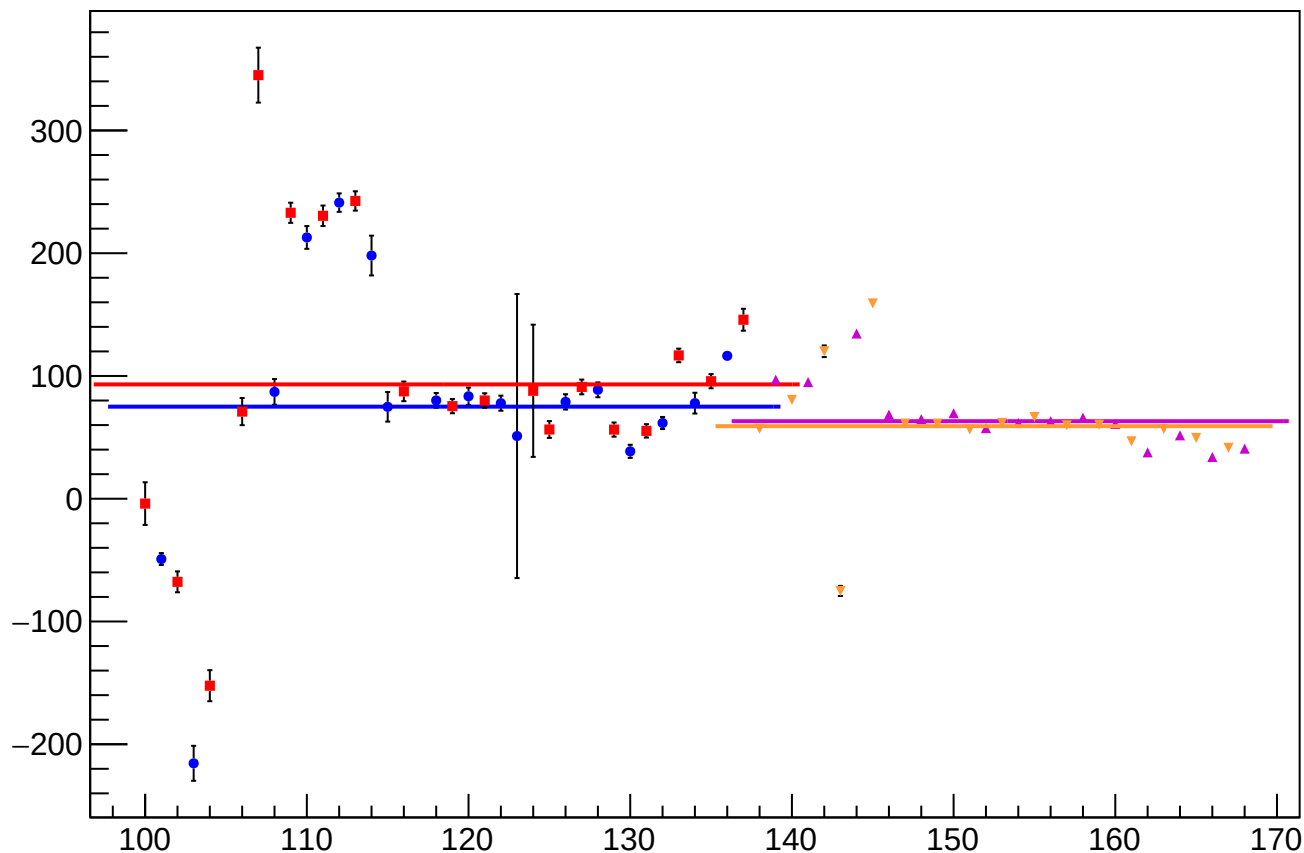
Left In: 7.378 ± 0.504 χ^2/NDF : 221.4/14

+ sign 9.063 ± 0.427 χ^2/NDF : 799.5/32

All: 9.666 ± 0.306 χ^2/NDF : 1407.9/66

- sign 10.305 ± 0.440 χ^2/NDF : 604.3/33

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2 /NDF: 1999.3/16

Left Out: 59.115+/-0.687 χ^2 /NDF: 2247.6/15

Right Out: 93.140+/-1.711 χ^2 /NDF: 2002.3/18

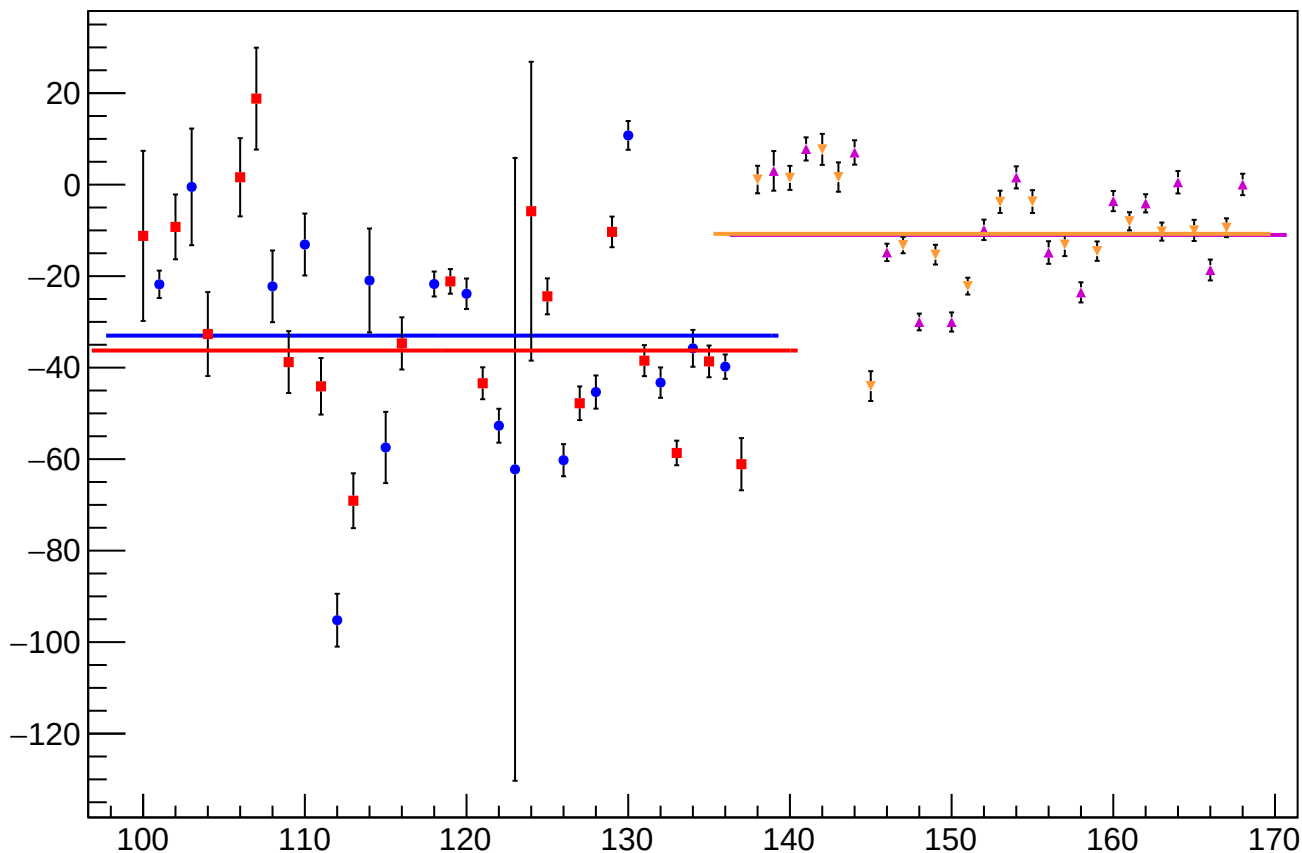
Left In: 63.167+/-0.681 χ^2 /NDF: 1105.0/14

+ sign 61.497+/-0.633 χ^2 /NDF: 4327.2/32

All: 64.383+/-0.448 χ^2 /NDF: 7740.8/66

- sign 67.262+/-0.632 χ^2 /NDF: 3372.2/33

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -10.751 ± 0.577 χ^2/NDF : 253.5/15

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

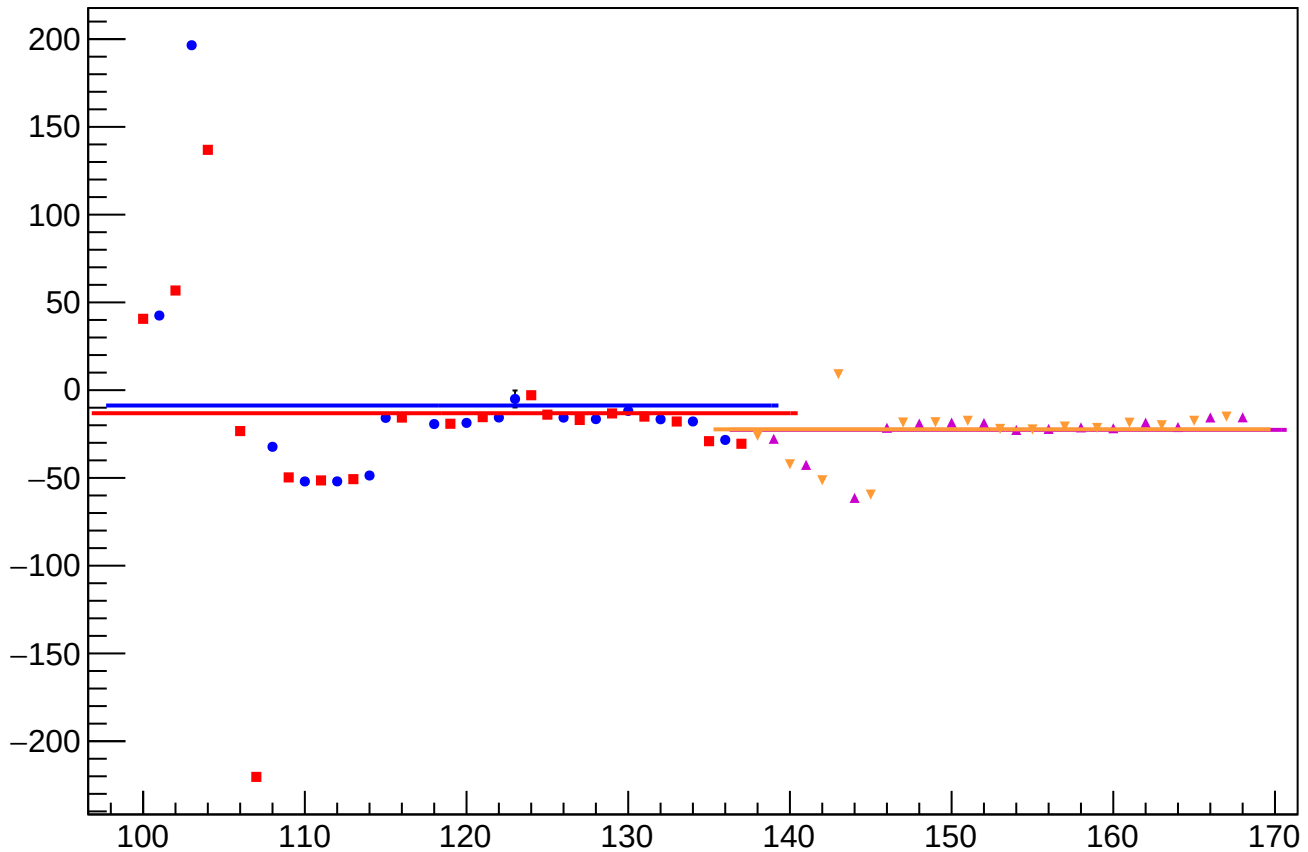
Left In: -10.992 ± 0.588 χ^2/NDF : 447.8/14

+ sign -16.557 ± 0.496 χ^2/NDF : 1134.2/32

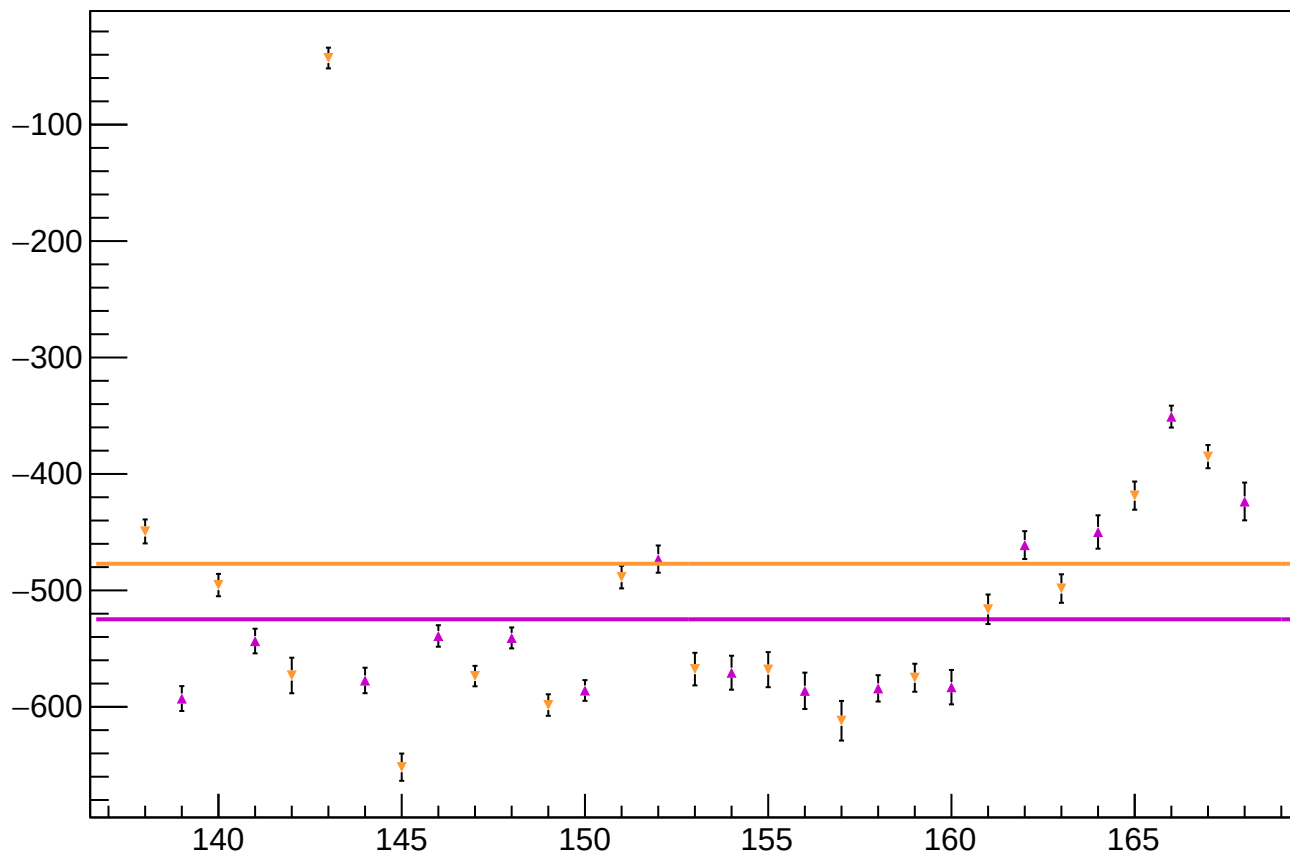
All: -16.889 ± 0.356 χ^2/NDF : 2337.2/66

- sign -17.238 ± 0.510 χ^2/NDF : 1202.1/33

reg_asym_atl1_diff_bpm12X_slope vs Slug



reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -477.109+/-2.779 χ^2/NDF : 3278.0/15

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

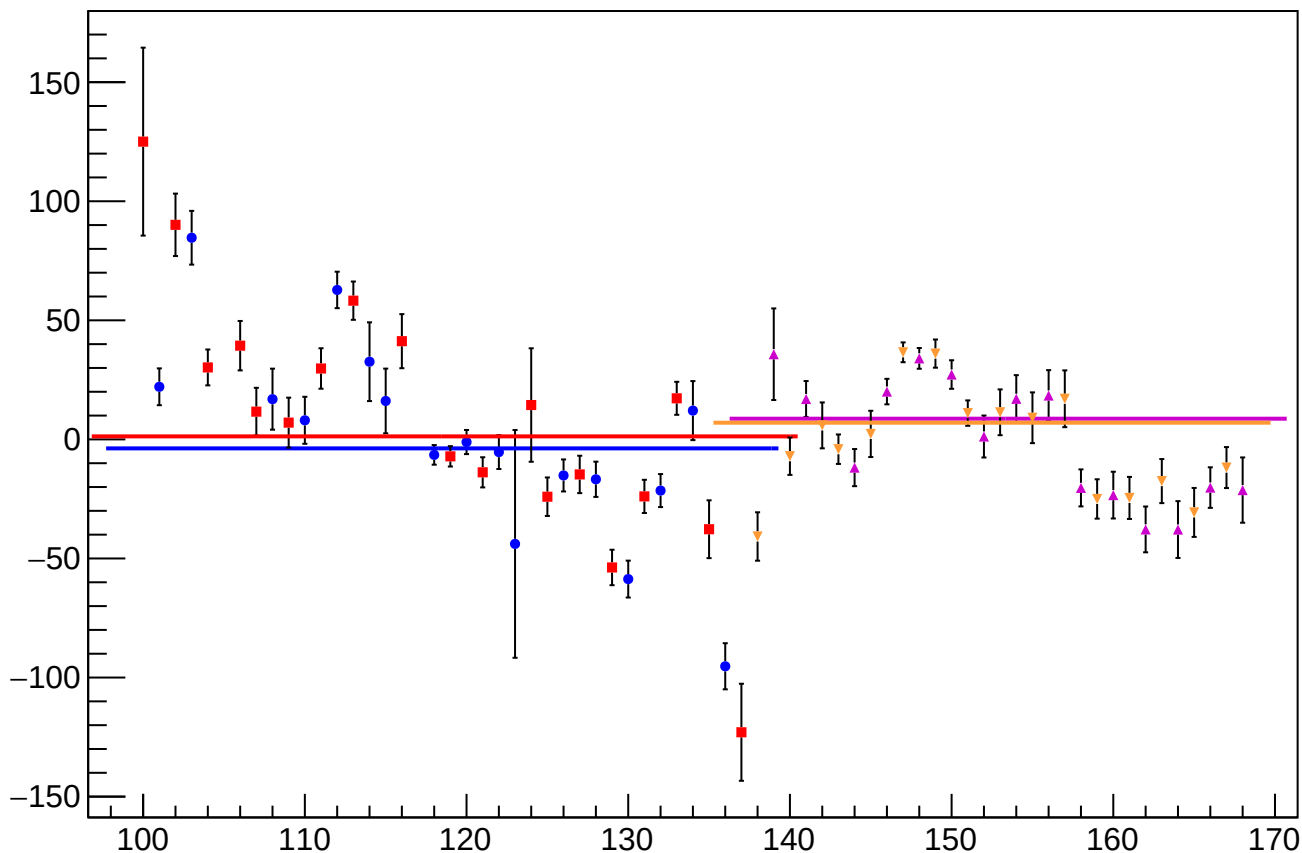
Left In: -524.810+/-2.908 χ^2/NDF : 644.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.882+/-2.009 χ^2/NDF : 4063.1/30

- 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: 7.008 ± 1.878 χ^2/NDF : 157.9/15

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

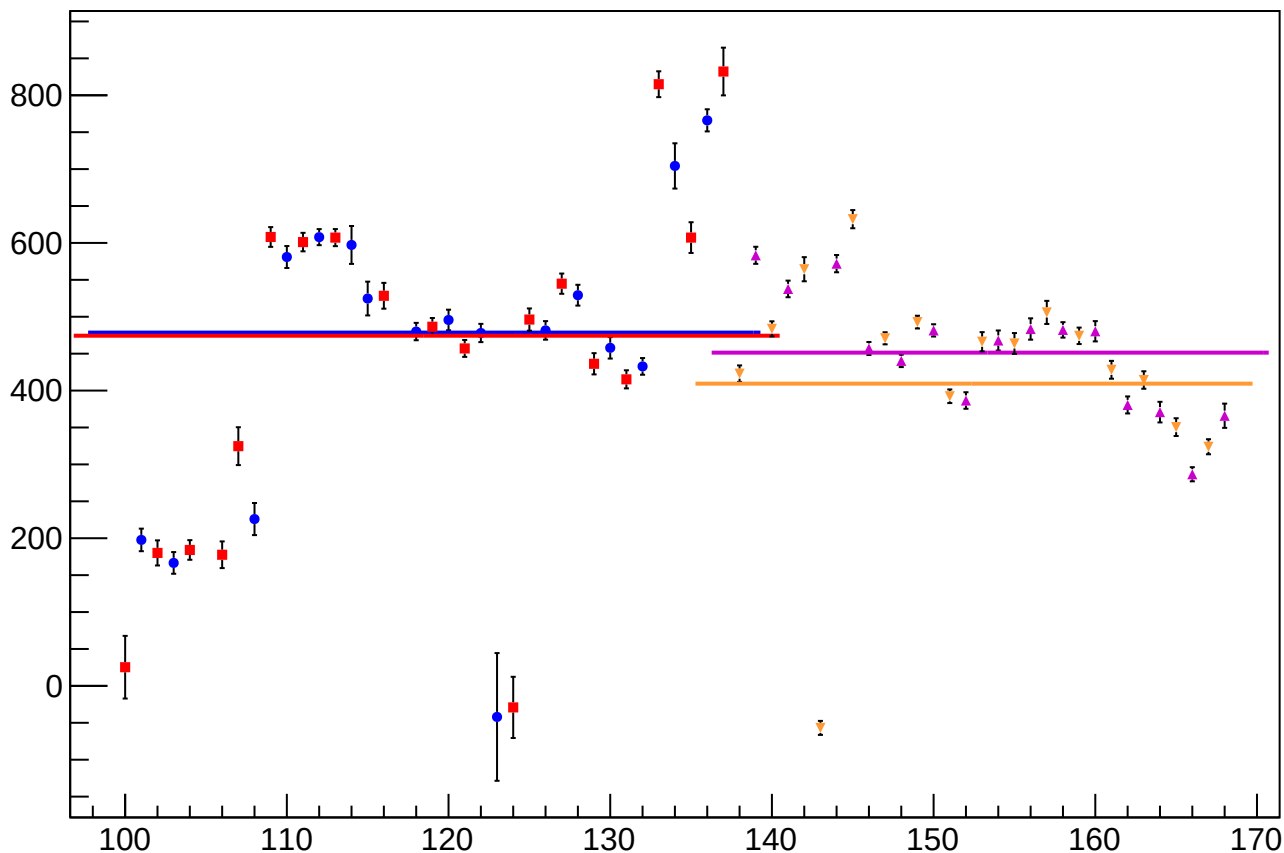
Left In: 8.692 ± 2.009 χ^2/NDF : 139.9/14

+ sign 1.649 ± 1.332 χ^2/NDF : 488.6/32

All: 3.165 ± 0.961 χ^2/NDF : 942.1/66

- sign 4.812 ± 1.388 χ^2/NDF : 450.8/33

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2/NDF : 1629.0/16

Left Out: 409.379 $\pm$ 2.746 χ^2/NDF : 3236.8/15

Right Out: 474.328 $\pm$ 3.533 χ^2/NDF : 2287.1/18

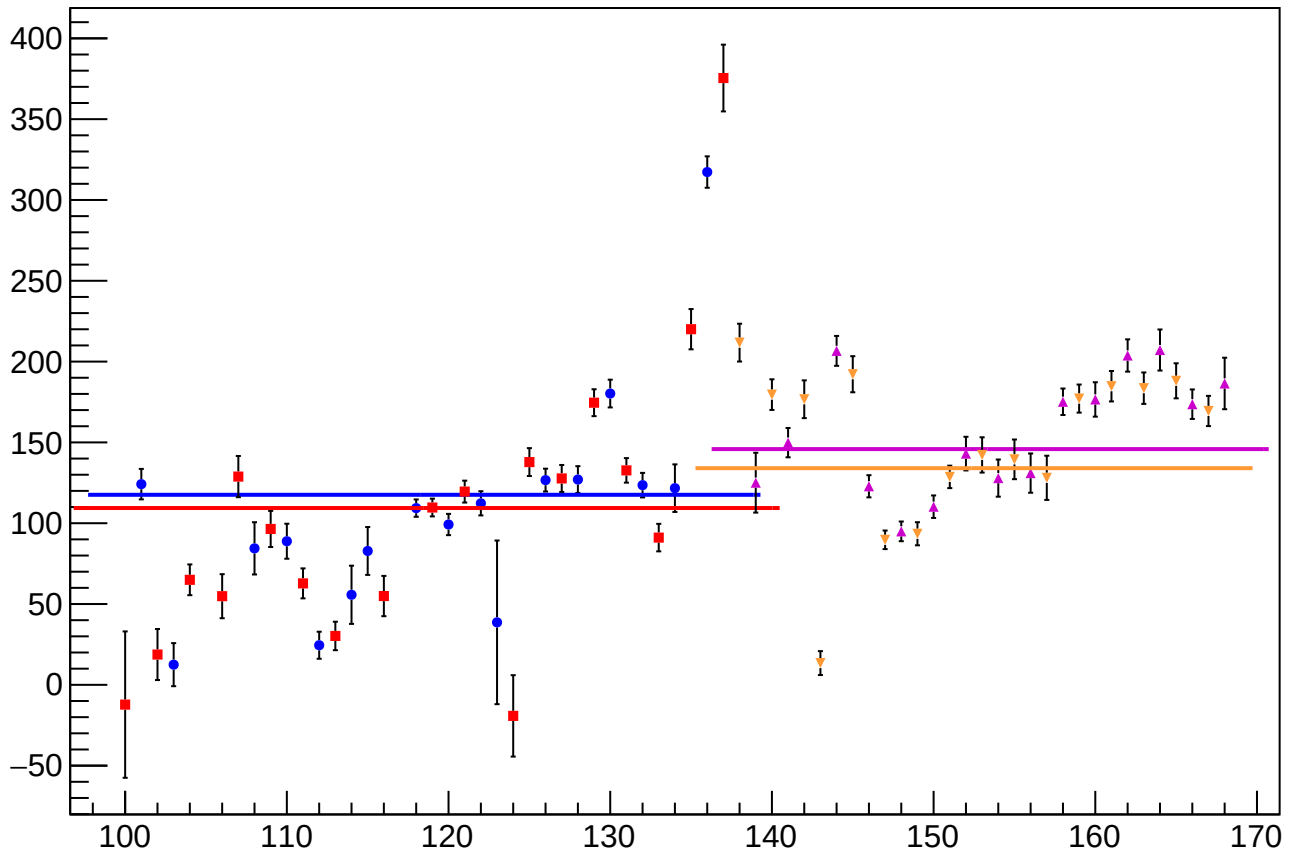
Left In: 451.399 $\pm$ 2.840 χ^2/NDF : 756.7/14

+ sign 434.541 $\pm$ 2.190 χ^2/NDF : 5096.6/32

All: 447.333 $\pm$ 1.557 χ^2/NDF : 8235.0/66

- sign 460.399 $\pm$ 2.213 χ^2/NDF : 3069.4/33

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 $\pm$ 2.193 χ^2/NDF : 706.9/16

Left Out: 134.053 $\pm$ 2.247 χ^2/NDF : 585.5/15

Right Out: 109.400 $\pm$ 2.210 χ^2/NDF : 571.2/18

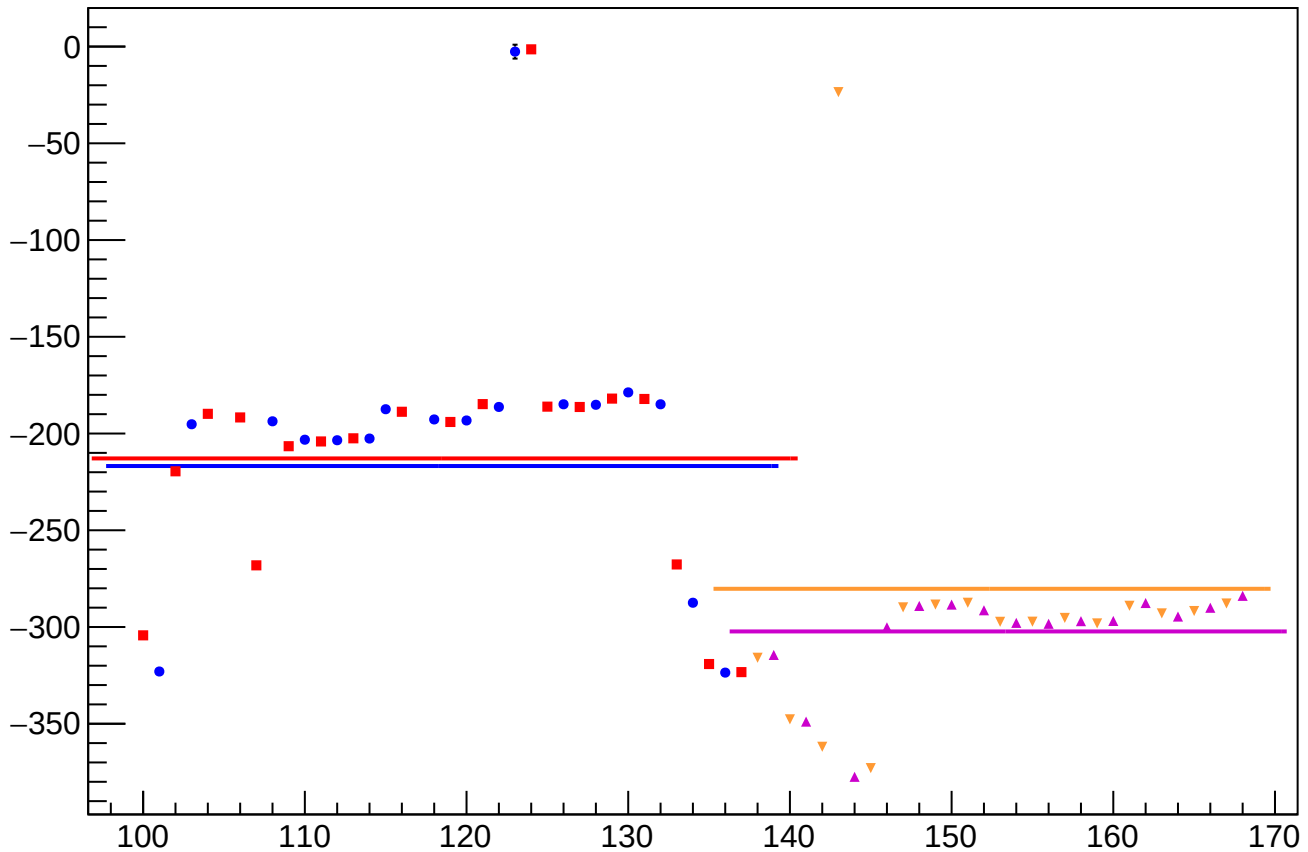
Left In: 145.858 $\pm$ 2.390 χ^2/NDF : 249.6/14

+ sign 125.620 $\pm$ 1.569 χ^2/NDF : 1319.9/32

All: 125.900 $\pm$ 1.128 χ^2/NDF : 2266.2/66

- sign 126.200 $\pm$ 1.623 χ^2/NDF : 946.3/33

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -280.248 ± 0.111 $\chi^2/\text{NDF}: 545946.5/15$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

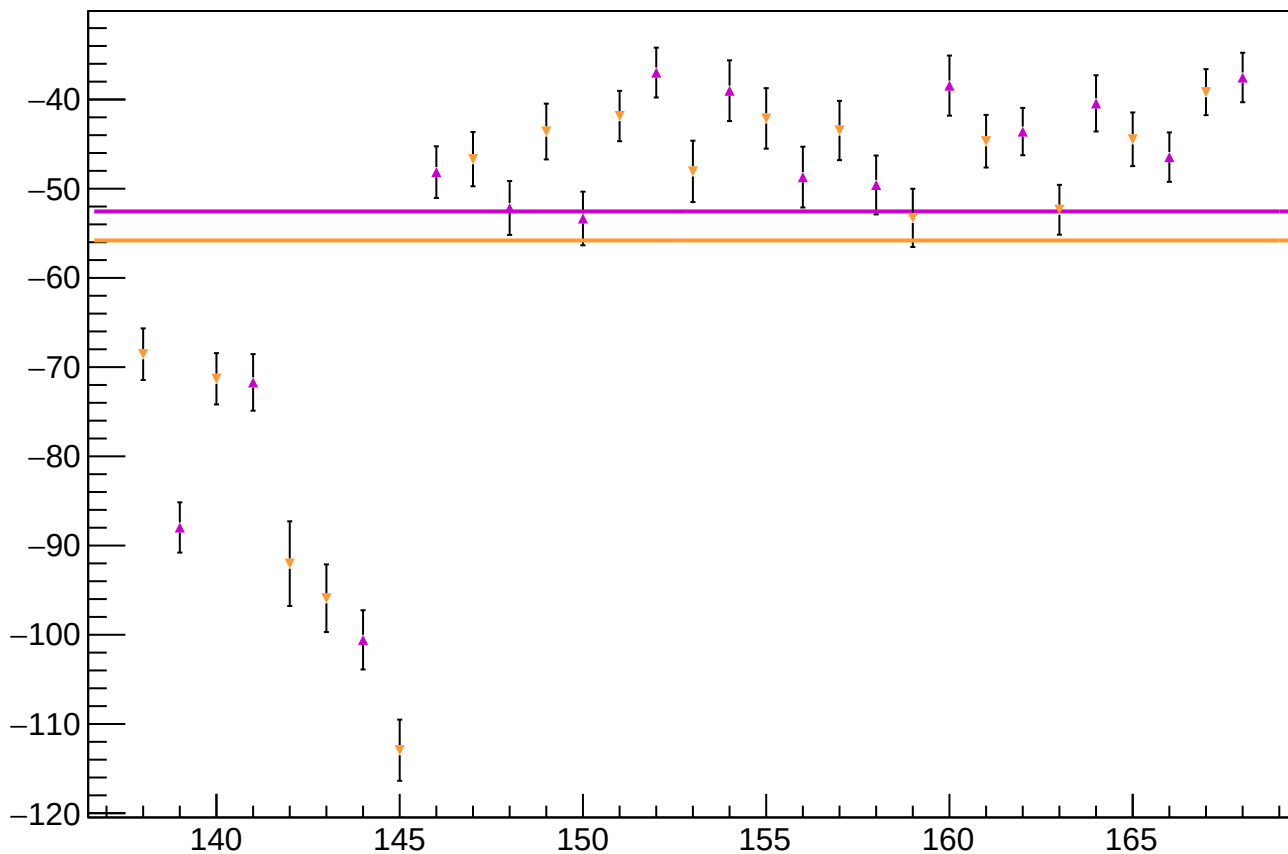
Left In: -302.289 ± 0.114 $\chi^2/\text{NDF}: 39734.8/14$

+ sign -254.887 ± 0.086 $\chi^2/\text{NDF}: 824267.9/32$

All: -259.176 ± 0.061 $\chi^2/\text{NDF}: 1252484.1/66$

- sign -263.465 ± 0.086 $\chi^2/\text{NDF}: 423213.8/33$

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -55.801+/-0.782 χ^2/NDF : 652.3/15

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

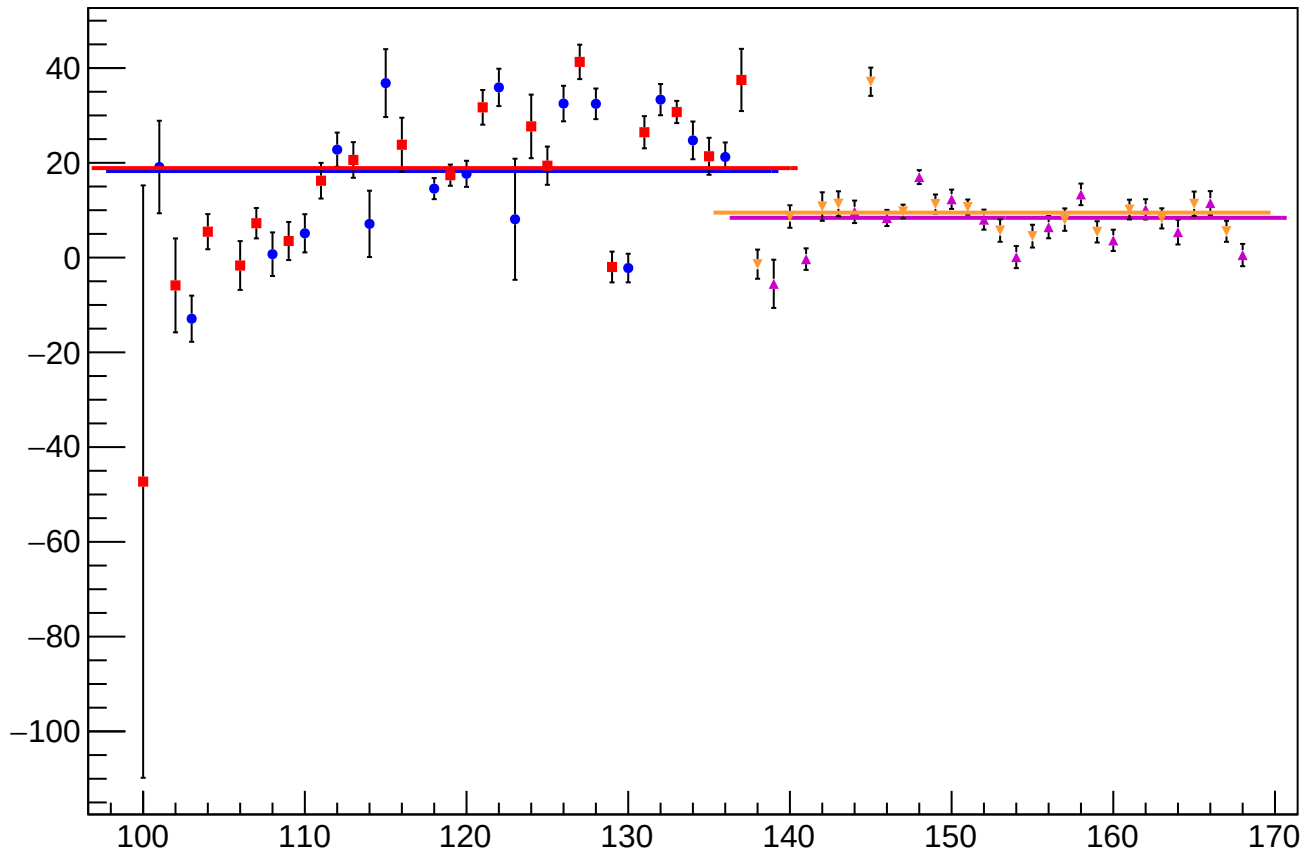
Left In: -52.546+/-0.781 χ^2/NDF : 532.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.172+/-0.553 χ^2/NDF : 1193.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 ± 0.906 χ^2/NDF : 204.6/16

Left Out: 9.490 ± 0.551 χ^2/NDF : 115.0/15

Right Out: 18.882 ± 0.864 χ^2/NDF : 198.4/18

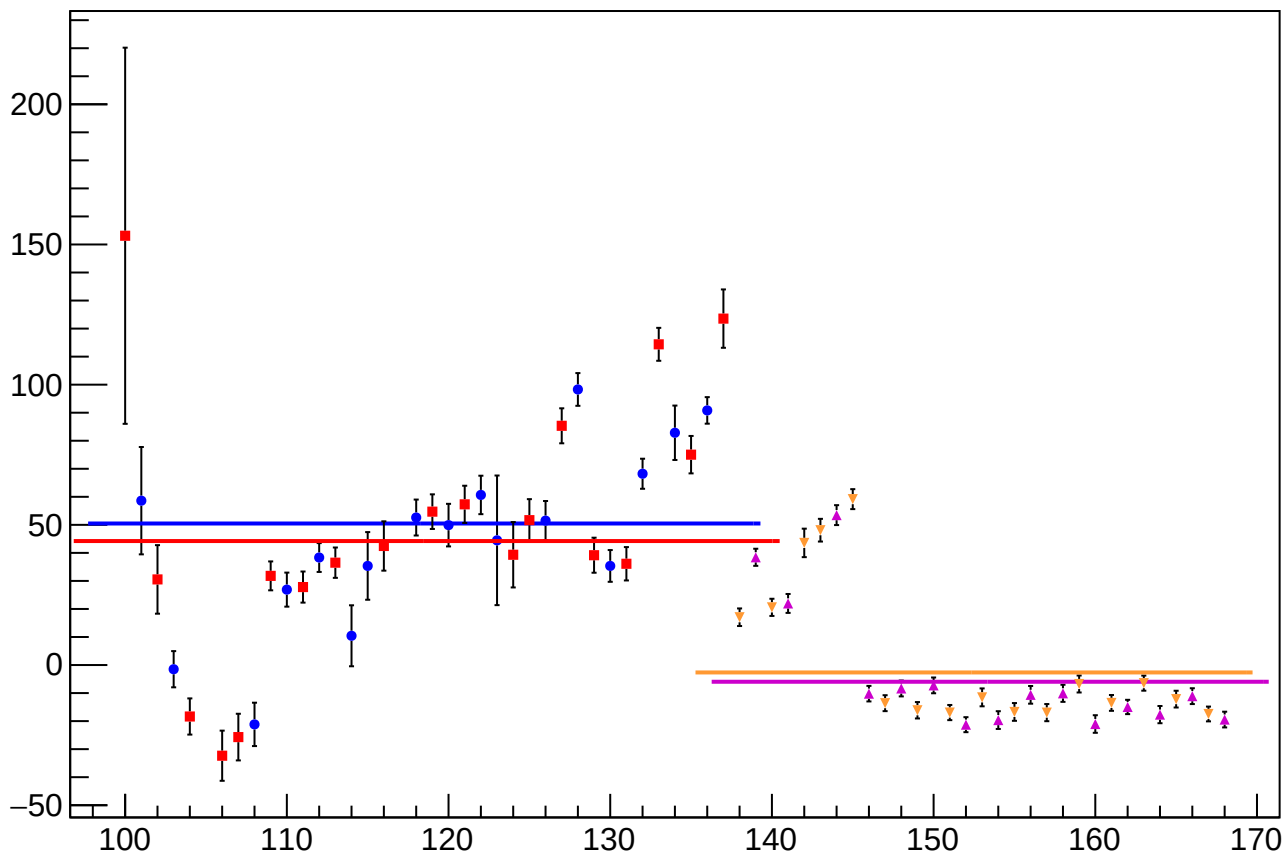
Left In: 8.388 ± 0.564 χ^2/NDF : 97.7/14

+ sign 11.864 ± 0.471 χ^2/NDF : 388.4/32

All: 11.694 ± 0.333 χ^2/NDF : 788.1/66

- sign 11.523 ± 0.472 χ^2/NDF : 399.5/33

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: -2.644 $\pm$ 0.767 χ^2 /NDF: 812.3/15

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

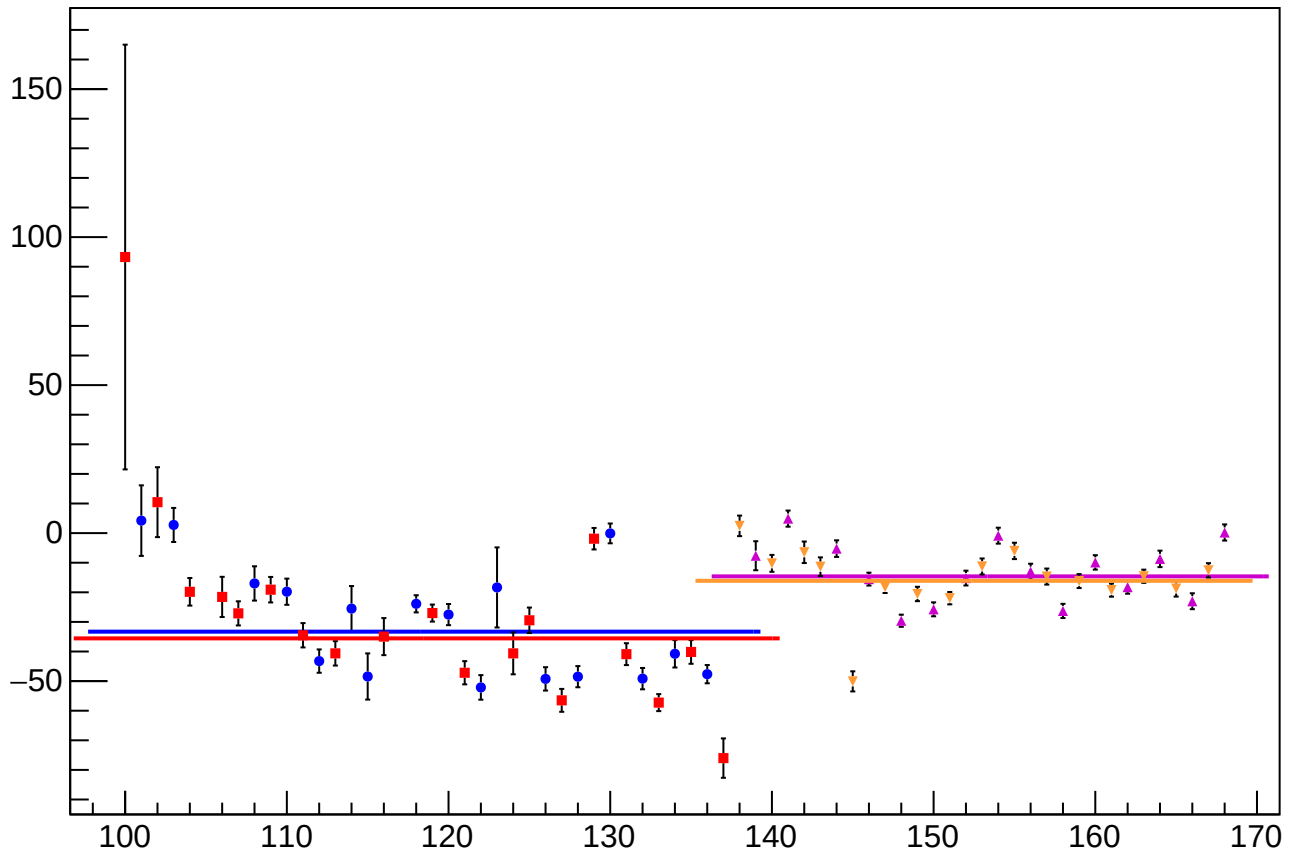
Left In: -5.963 $\pm$ 0.763 χ^2 /NDF: 695.9/14

+ sign 6.636 $\pm$ 0.697 χ^2 /NDF: 2007.4/32

All: 4.954 $\pm$ 0.490 χ^2 /NDF: 4048.7/66

- sign 3.312 $\pm$ 0.689 χ^2 /NDF: 2029.7/33

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 $\pm$ 1.033 χ^2/NDF : 289.1/16

Left Out: -16.121 $\pm$ 0.644 χ^2/NDF : 177.0/15

Right Out: -35.566 $\pm$ 0.992 χ^2/NDF : 287.6/18

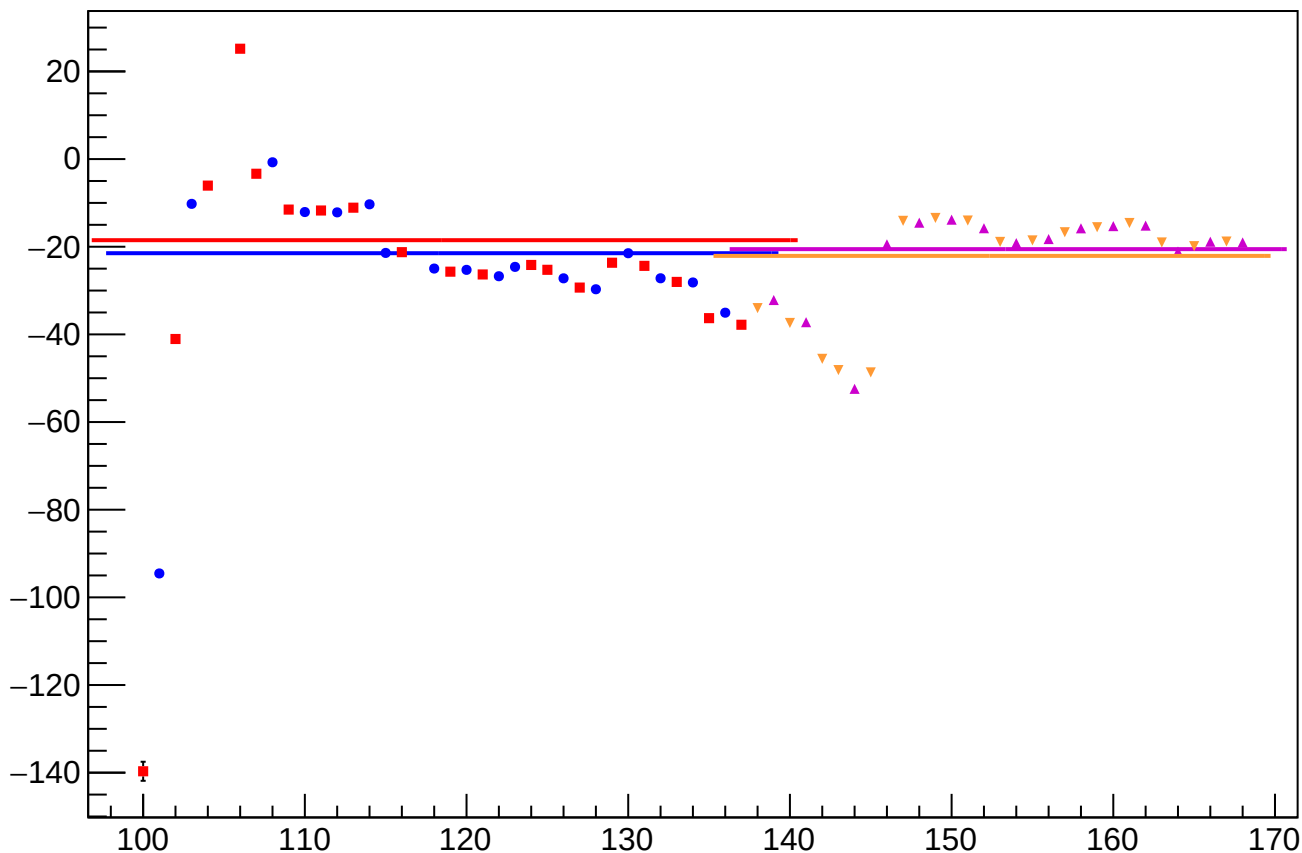
Left In: -14.617 $\pm$ 0.657 χ^2/NDF : 240.4/14

+ sign -20.925 $\pm$ 0.546 χ^2/NDF : 665.1/32

All: -20.964 $\pm$ 0.387 χ^2/NDF : 1502.9/66

- sign -21.003 $\pm$ 0.548 χ^2/NDF : 837.8/33

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -22.088 ± 0.030 $\chi^2/\text{NDF}: 125996.9/15$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

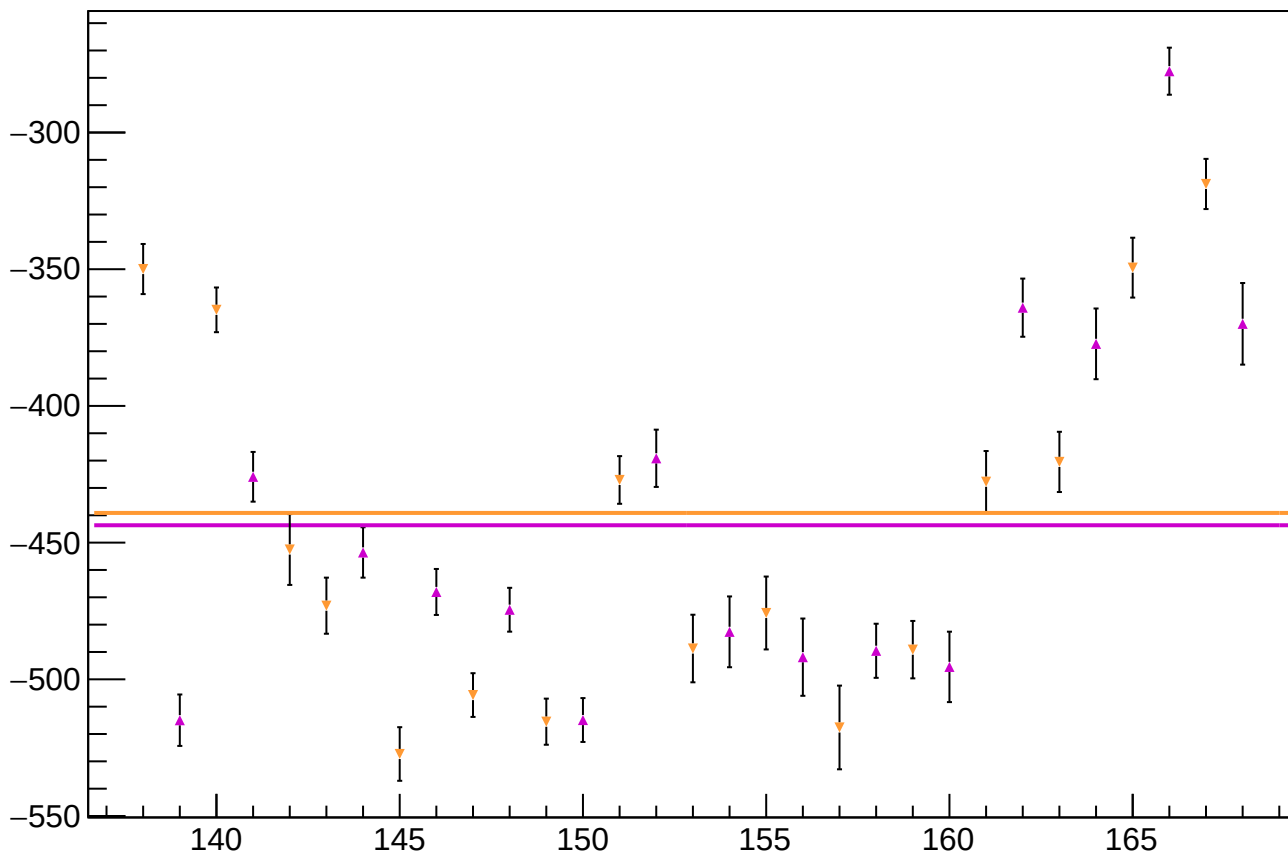
Left In: -20.550 ± 0.030 $\chi^2/\text{NDF}: 84411.3/14$

+ sign -21.960 ± 0.027 $\chi^2/\text{NDF}: 175092.5/32$

All: -21.026 ± 0.019 $\chi^2/\text{NDF}: 343632.6/66$

- sign -20.111 ± 0.027 $\chi^2/\text{NDF}: 166142.8/33$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -439.141+/-2.520 χ^2/NDF : 738.9/15

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

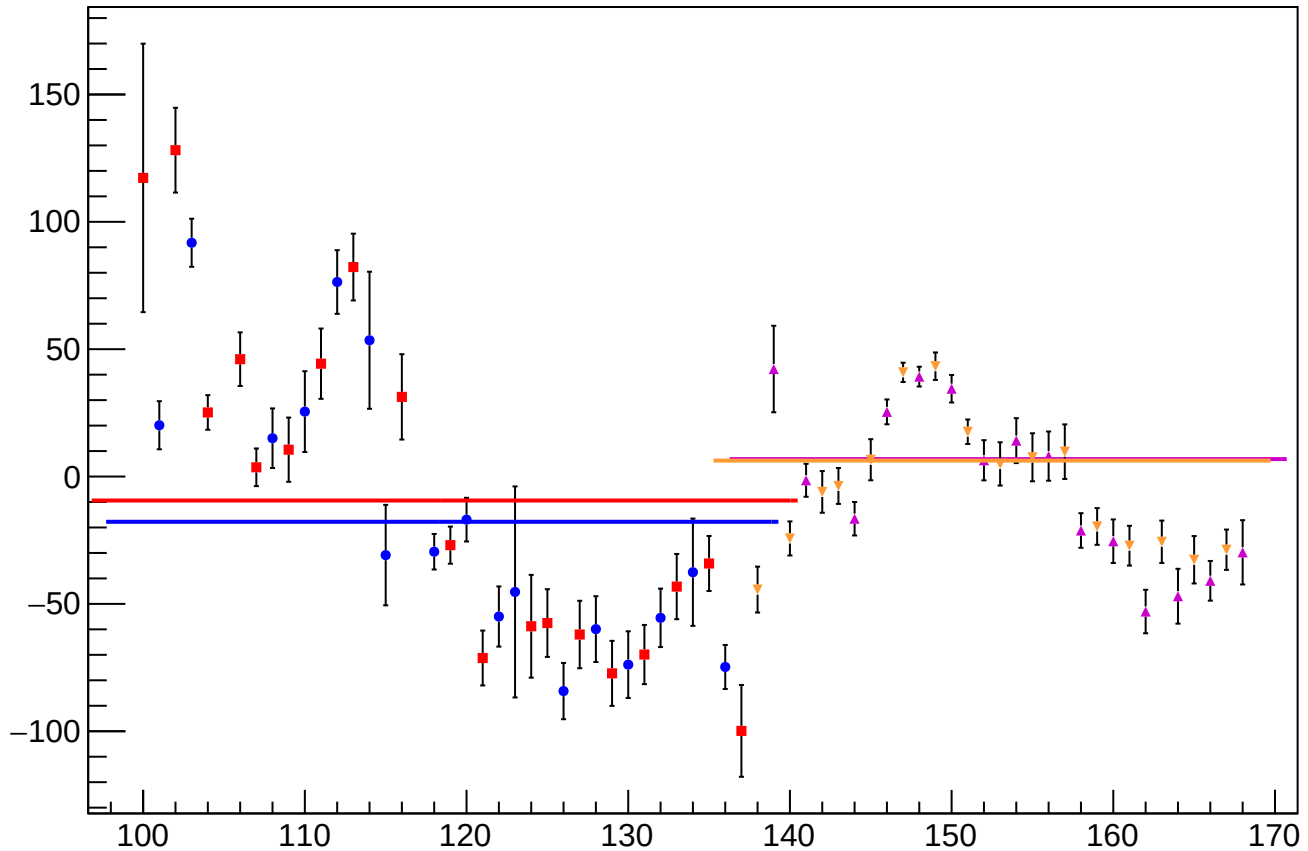
Left In: -443.650+/-2.586 χ^2/NDF : 707.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -441.337+/-1.805 χ^2/NDF : 1448.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: 6.269 ± 1.706 χ^2/NDF : 276.1/15

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

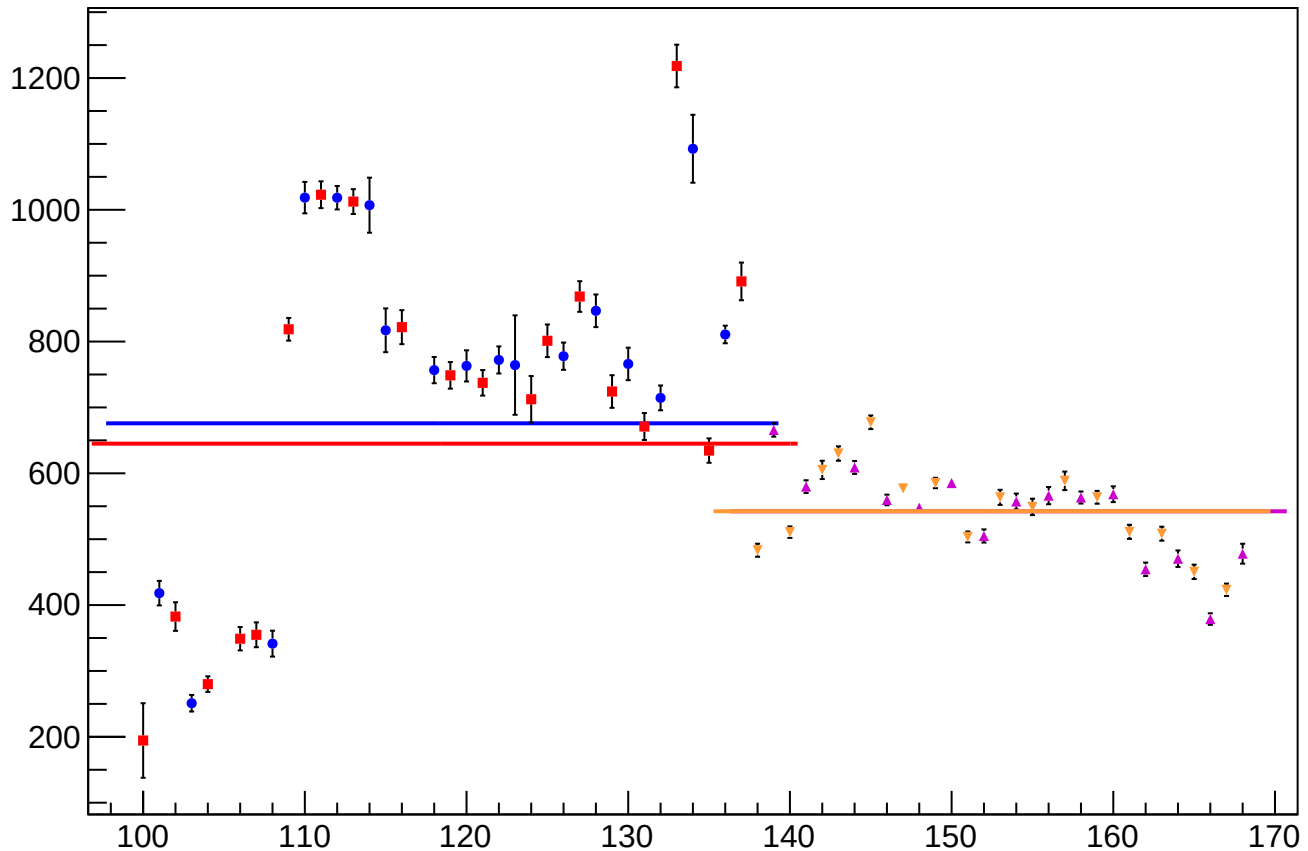
Left In: 6.853 ± 1.787 χ^2/NDF : 280.8/14

+ sign -0.299 ± 1.454 χ^2/NDF : 694.2/32

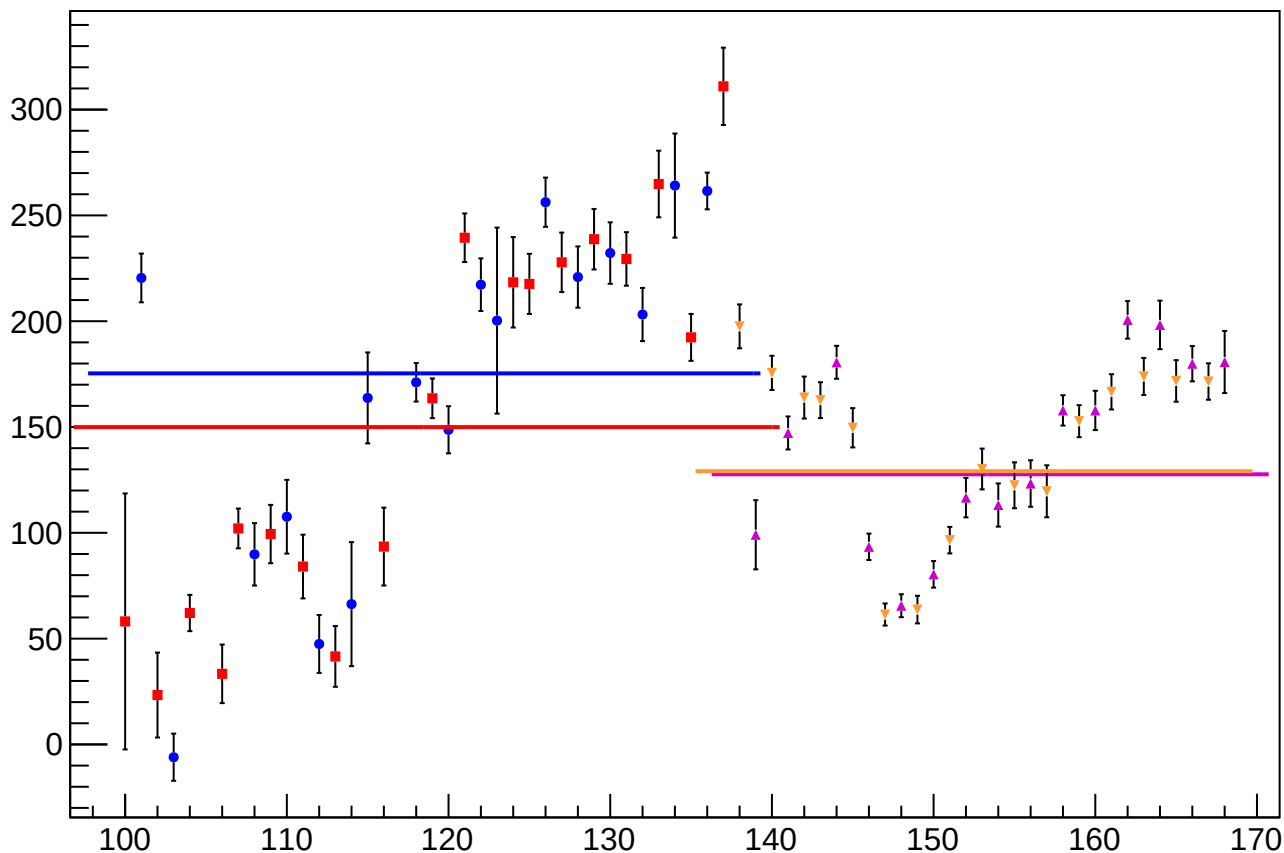
All: 0.670 ± 1.036 χ^2/NDF : 1371.9/66

- sign 1.668 ± 1.475 χ^2/NDF : 676.8/33

reg_asym_atr2_diff_bpm4eX_slope vs Slug



reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 129.131 $\pm$ 2.039 χ^2 /NDF: 505.2/15

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

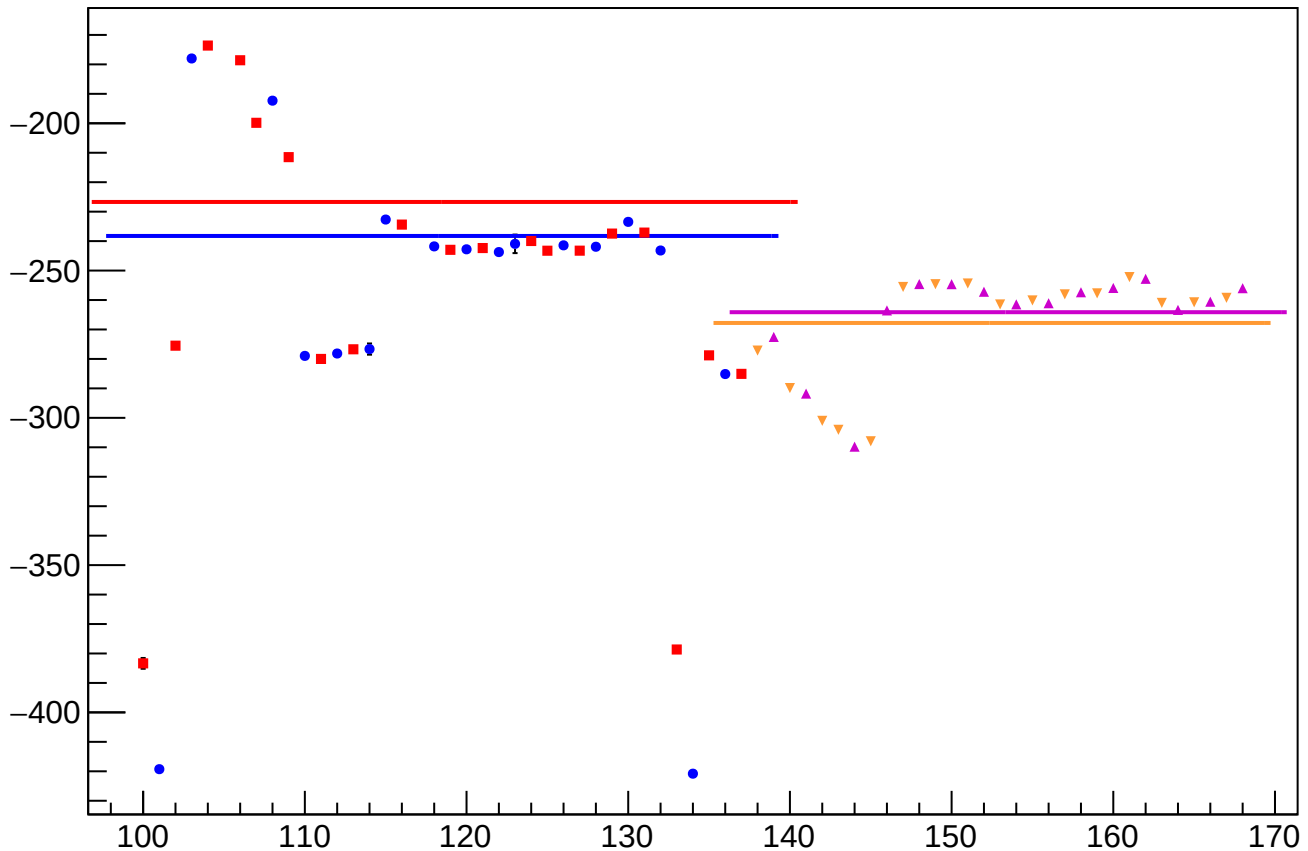
Left In: 127.658 $\pm$ 2.126 χ^2 /NDF: 462.6/14

+ sign 142.458 $\pm$ 1.720 χ^2 /NDF: 1291.8/32

All: 138.763 $\pm$ 1.224 χ^2 /NDF: 2493.0/66

- sign 134.968 $\pm$ 1.743 χ^2 /NDF: 1191.8/33

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248 $\pm$ 0.160 χ^2 /NDF: 167125.9/16

Left Out: -267.786 $\pm$ 0.100 χ^2 /NDF: 32368.6/15

Right Out: -226.706 $\pm$ 0.151 χ^2 /NDF: 102831.3/18

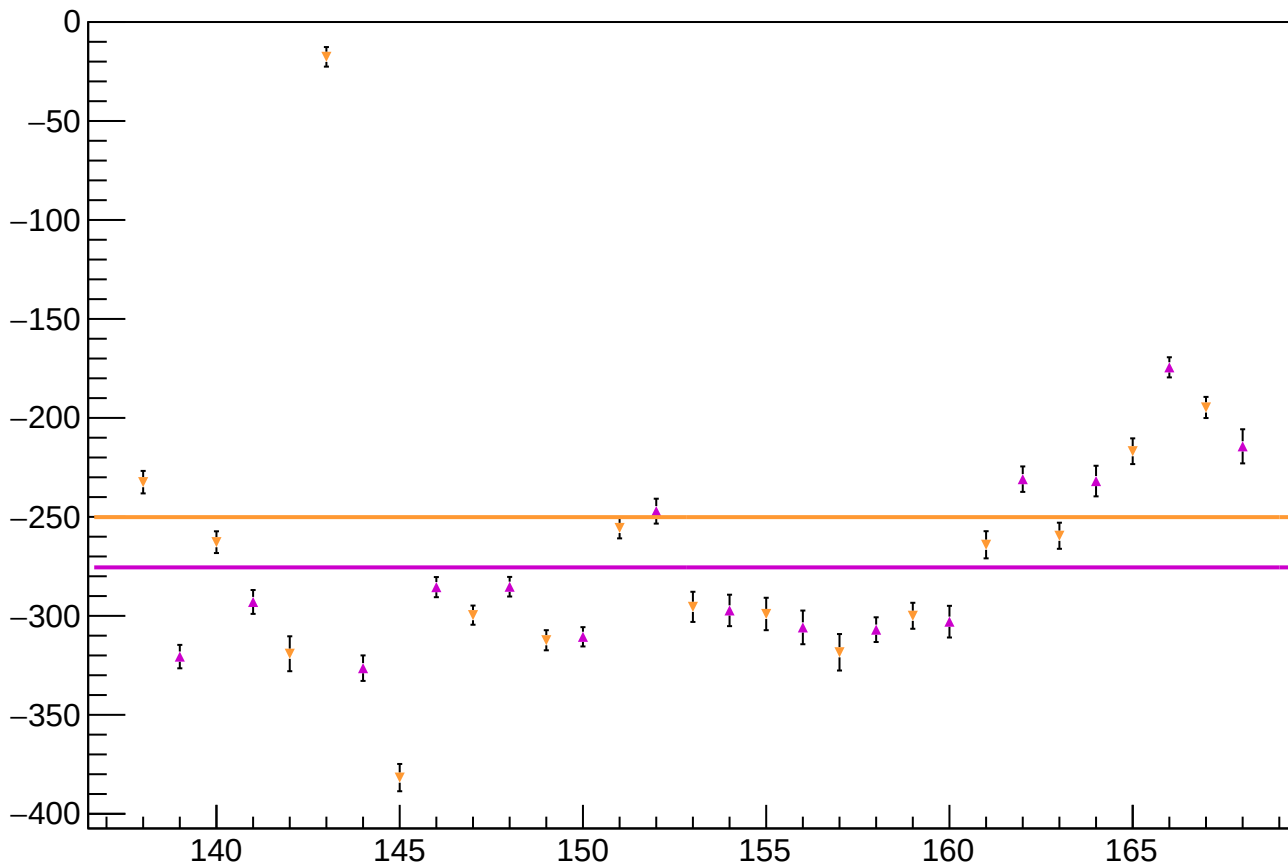
Left In: -264.134 $\pm$ 0.101 χ^2 /NDF: 20774.1/14

+ sign -259.461 $\pm$ 0.085 χ^2 /NDF: 223994.7/32

All: -255.957 $\pm$ 0.060 χ^2 /NDF: 393280.4/66

- sign -252.510 $\pm$ 0.084 χ^2 /NDF: 165906.6/33

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -250.124+/-1.531 χ^2/NDF : 3230.1/15

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

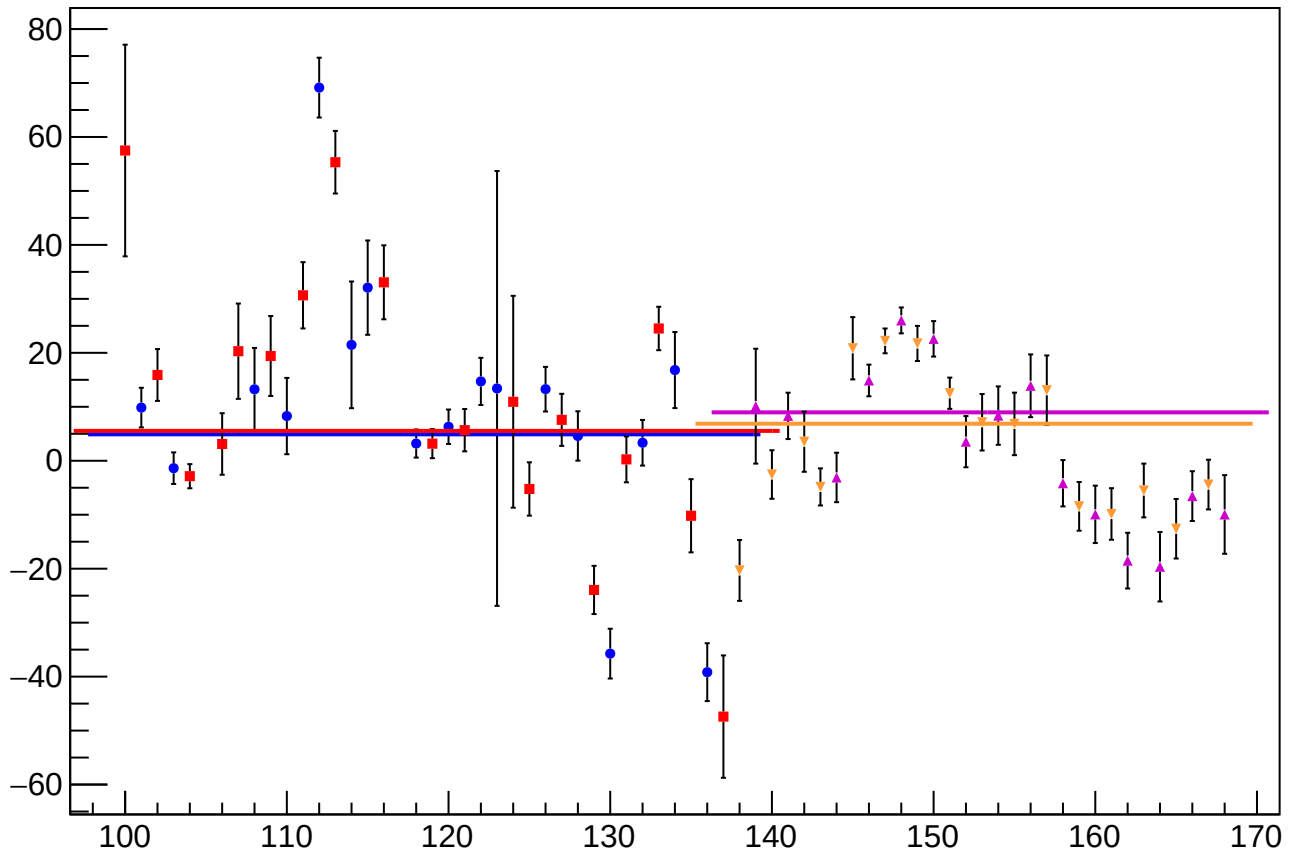
Left In: -275.511+/-1.599 χ^2/NDF : 791.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.263+/-1.106 χ^2/NDF : 4152.6/30

- 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: 6.863 ± 1.034 χ^2/NDF : 164.1/15

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

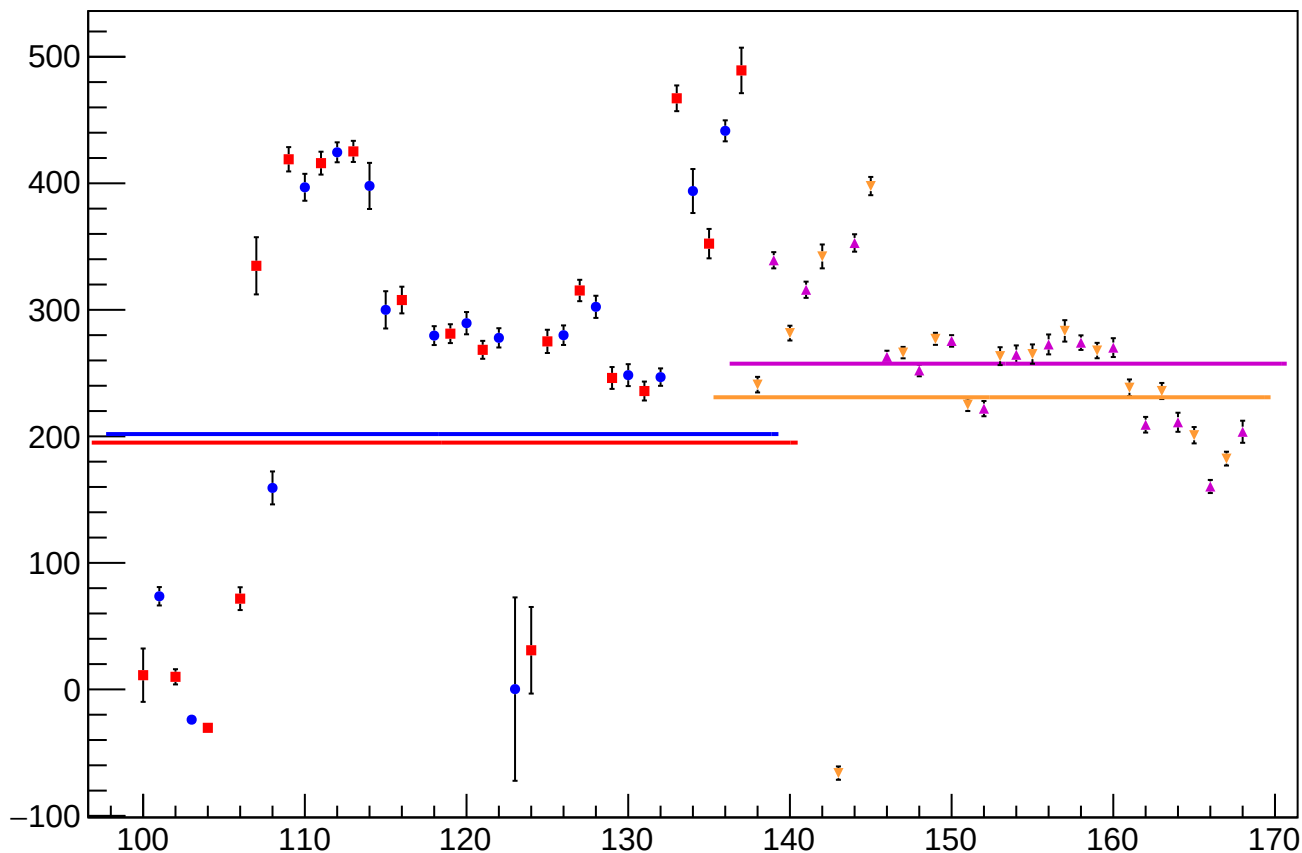
Left In: 8.968 ± 1.105 χ^2/NDF : 168.8/14

+ sign 5.930 ± 0.750 χ^2/NDF : 477.8/32

All: 6.547 ± 0.537 χ^2/NDF : 892.0/66

- sign 7.197 ± 0.769 χ^2/NDF : 412.9/33

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 230.902 $\pm$ 1.510 χ^2 /NDF: 4291.3/15

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

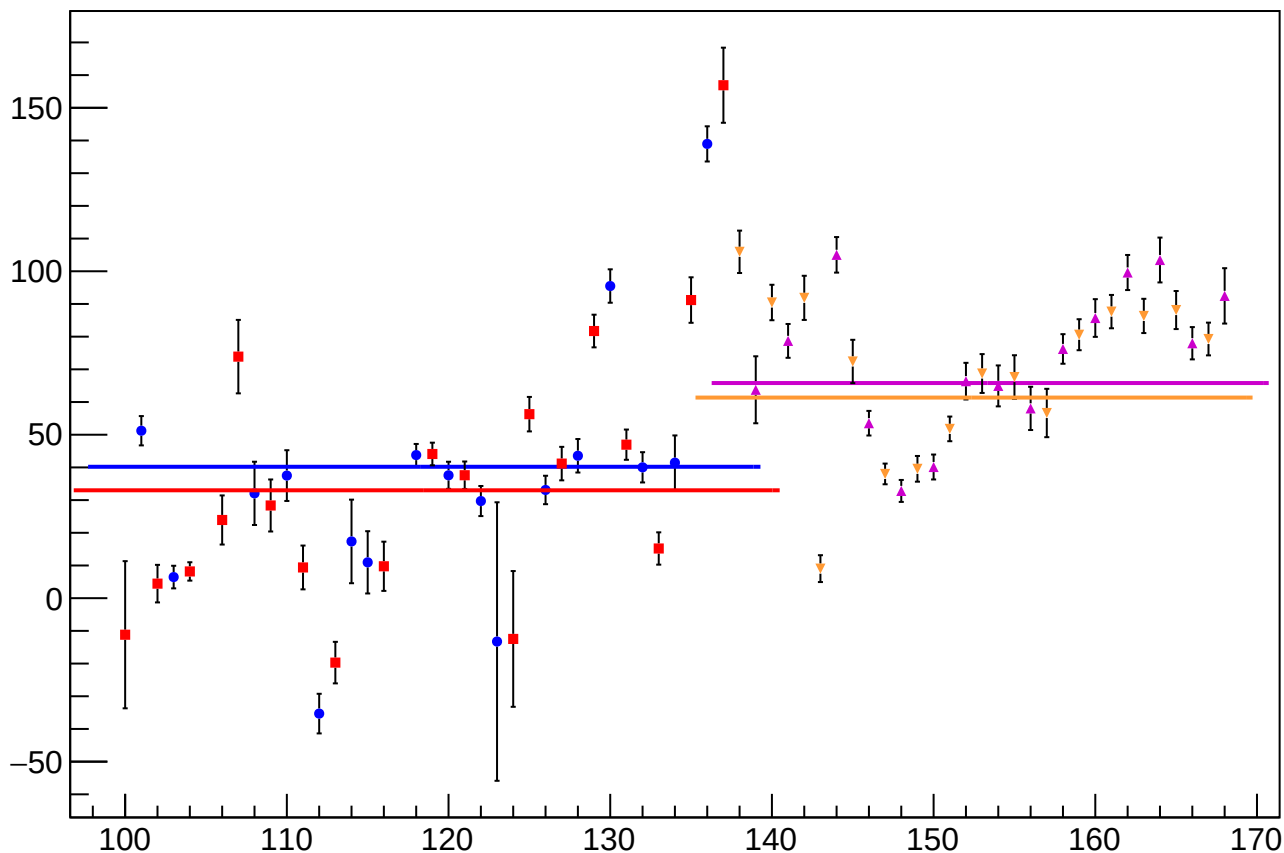
Left In: 257.444 $\pm$ 1.560 χ^2 /NDF: 993.9/14

+ sign 220.137 $\pm$ 1.199 χ^2 /NDF: 11182.9/32

All: 226.351 $\pm$ 0.852 χ^2 /NDF: 21122.6/66

- sign 232.703 $\pm$ 1.212 χ^2 /NDF: 9885.3/33

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 ± 1.268 $\chi^2/\text{NDF}: 735.0/16$

Left Out: 61.364 ± 1.236 $\chi^2/\text{NDF}: 455.5/15$

Right Out: 32.999 ± 1.253 $\chi^2/\text{NDF}: 554.1/18$

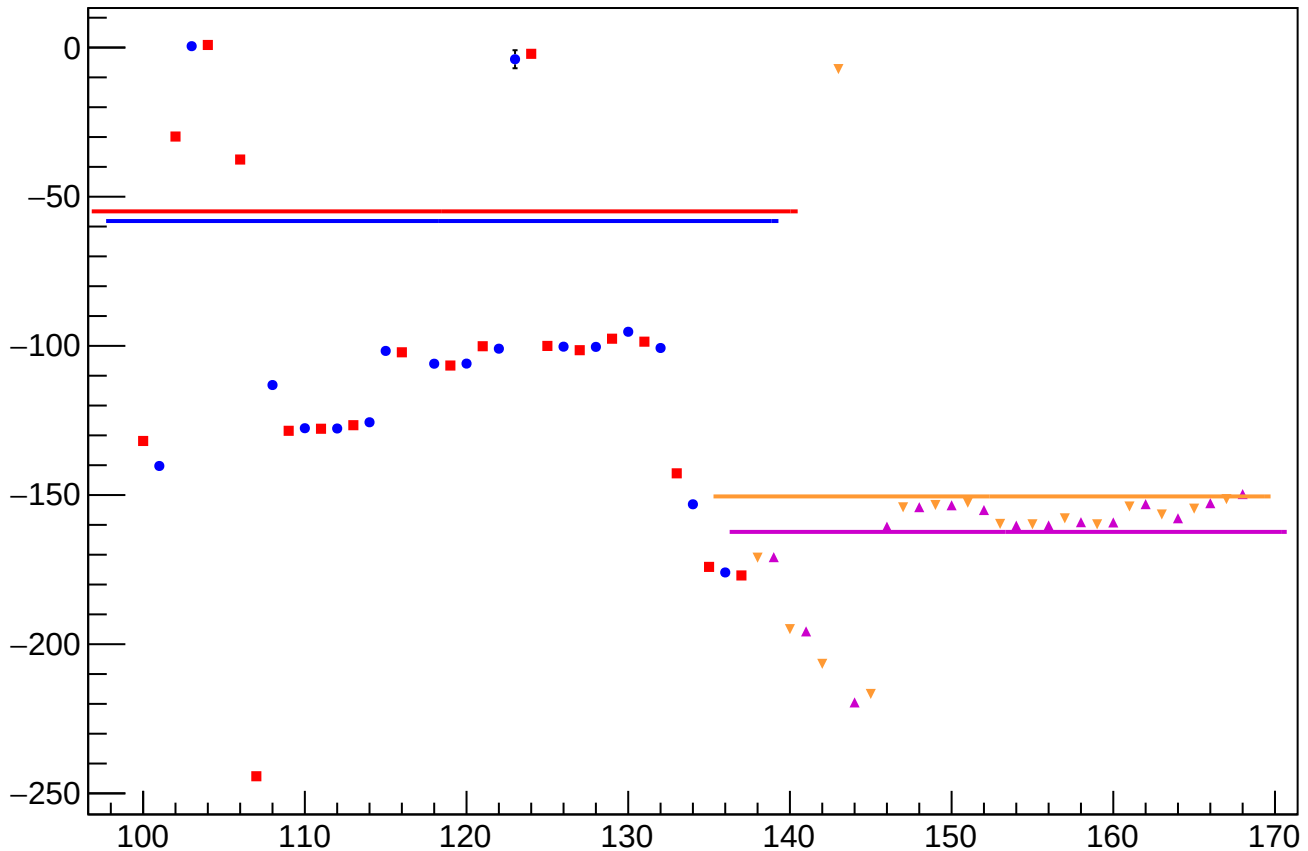
Left In: 65.811 ± 1.315 $\chi^2/\text{NDF}: 315.2/14$

+ sign 51.045 ± 0.885 $\chi^2/\text{NDF}: 1333.4/32$

All: 49.858 ± 0.633 $\chi^2/\text{NDF}: 2532.9/66$

- sign 48.612 ± 0.907 $\chi^2/\text{NDF}: 1195.8/33$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -150.464 ± 0.061 $\chi^2/\text{NDF}: 579858.5/15$

Right Out: -54.914 ± 0.060 $\chi^2/\text{NDF}: 1003885.5/18$

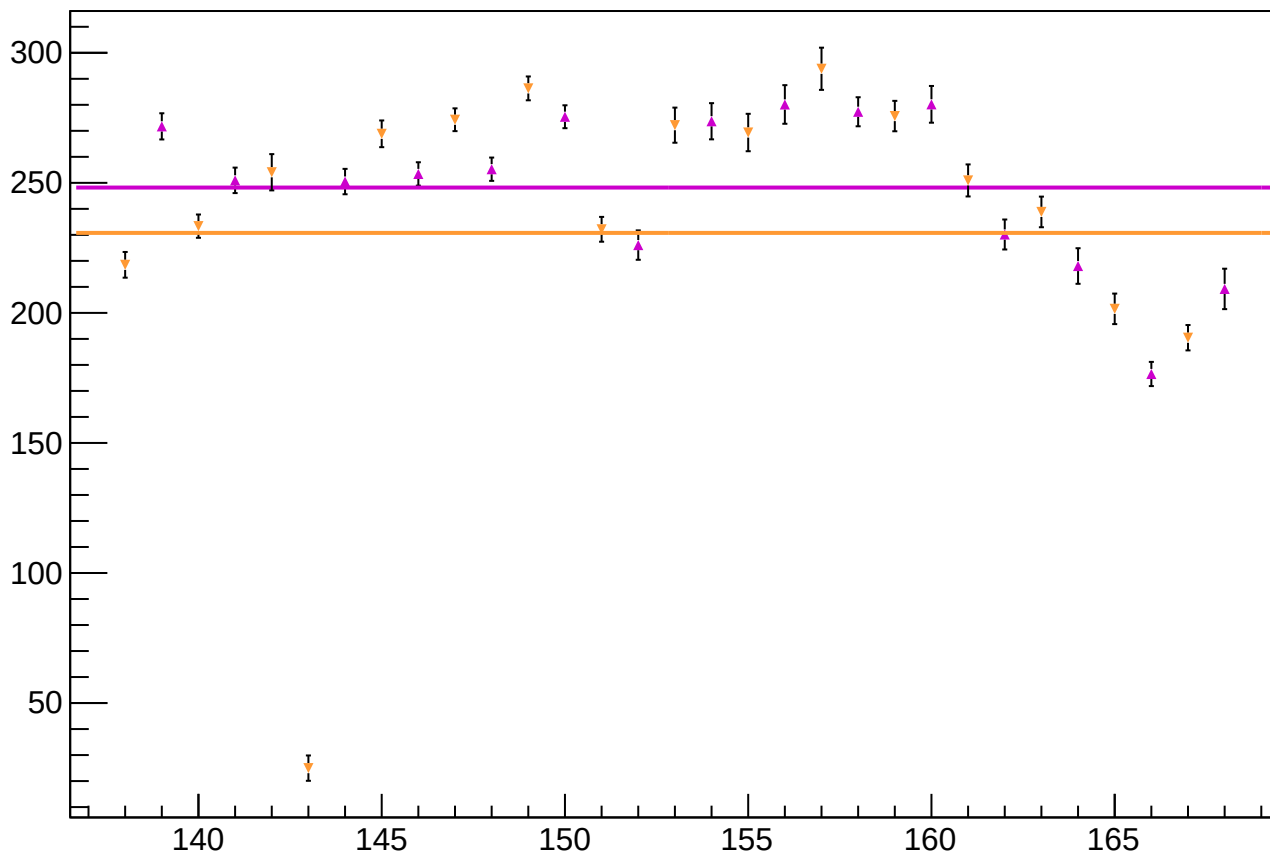
Left In: -162.353 ± 0.063 $\chi^2/\text{NDF}: 63994.9/14$

+ sign -104.885 ± 0.043 $\chi^2/\text{NDF}: 2823138.5/32$

All: -105.726 ± 0.031 $\chi^2/\text{NDF}: 5422179.2/66$

- sign -106.572 ± 0.043 $\chi^2/\text{NDF}: 2598283.4/33$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 230.757+/-1.352 χ^2/NDF : 2395.5/15

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

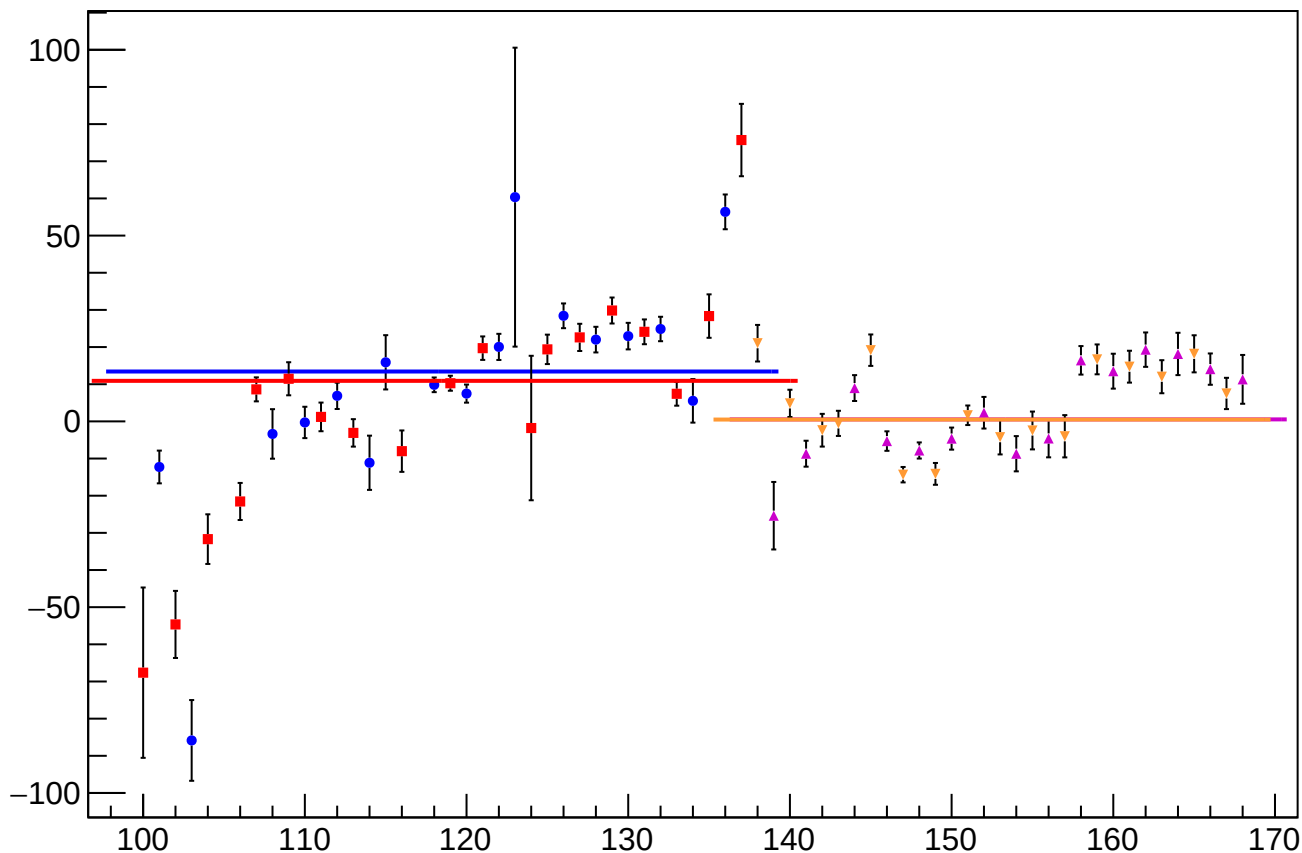
Left In: 248.190+/-1.400 χ^2/NDF : 451.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.172+/-0.972 χ^2/NDF : 2927.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: 0.492+/-0.920 χ^2/NDF : 166.2/15

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

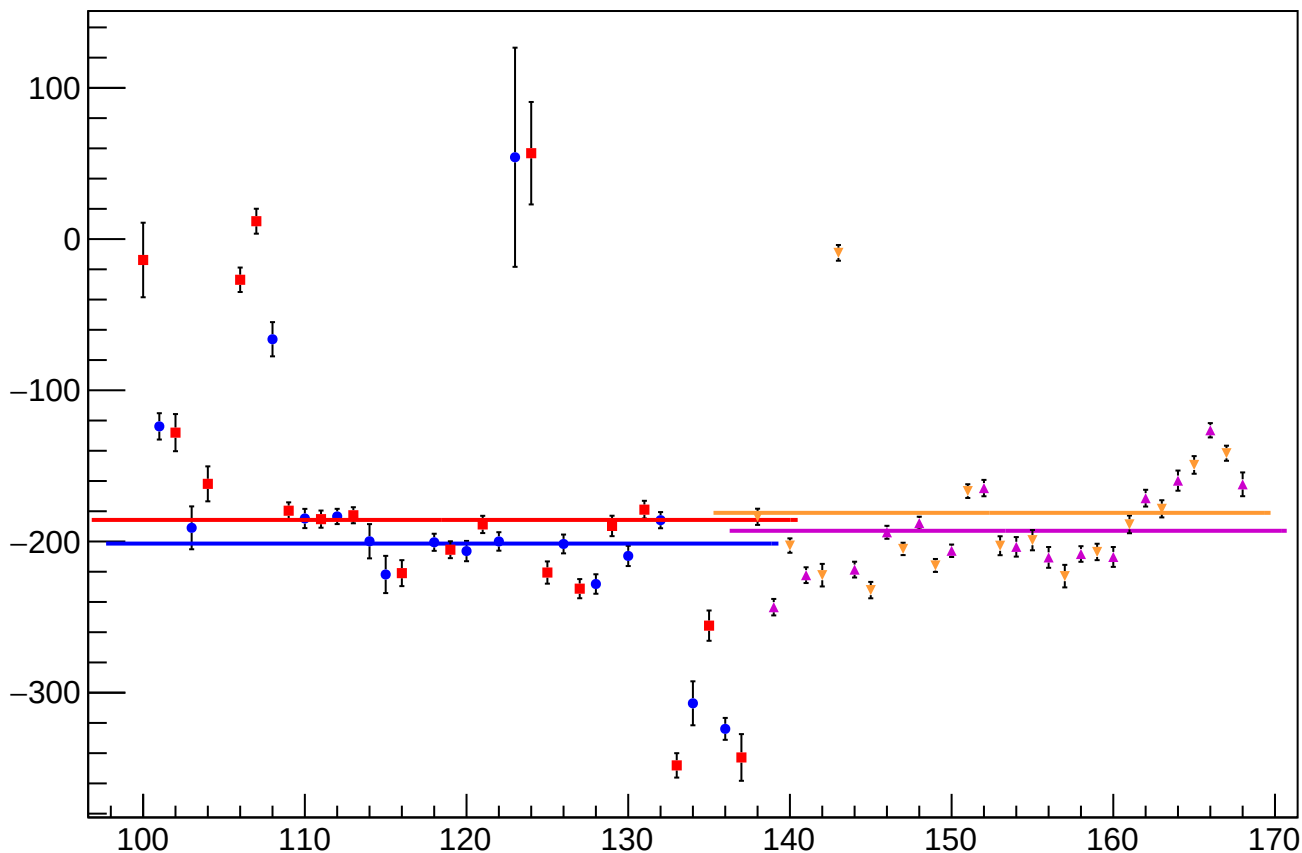
Left In: 0.536+/-0.973 χ^2/NDF : 112.6/14

+ sign 6.960+/-0.650 χ^2/NDF : 560.2/32

All: 6.509+/-0.466 χ^2/NDF : 1036.6/66

- sign 6.034+/-0.667 χ^2/NDF : 475.4/33

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -181.057 ± 1.337 χ^2/NDF : 1511.3/15

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

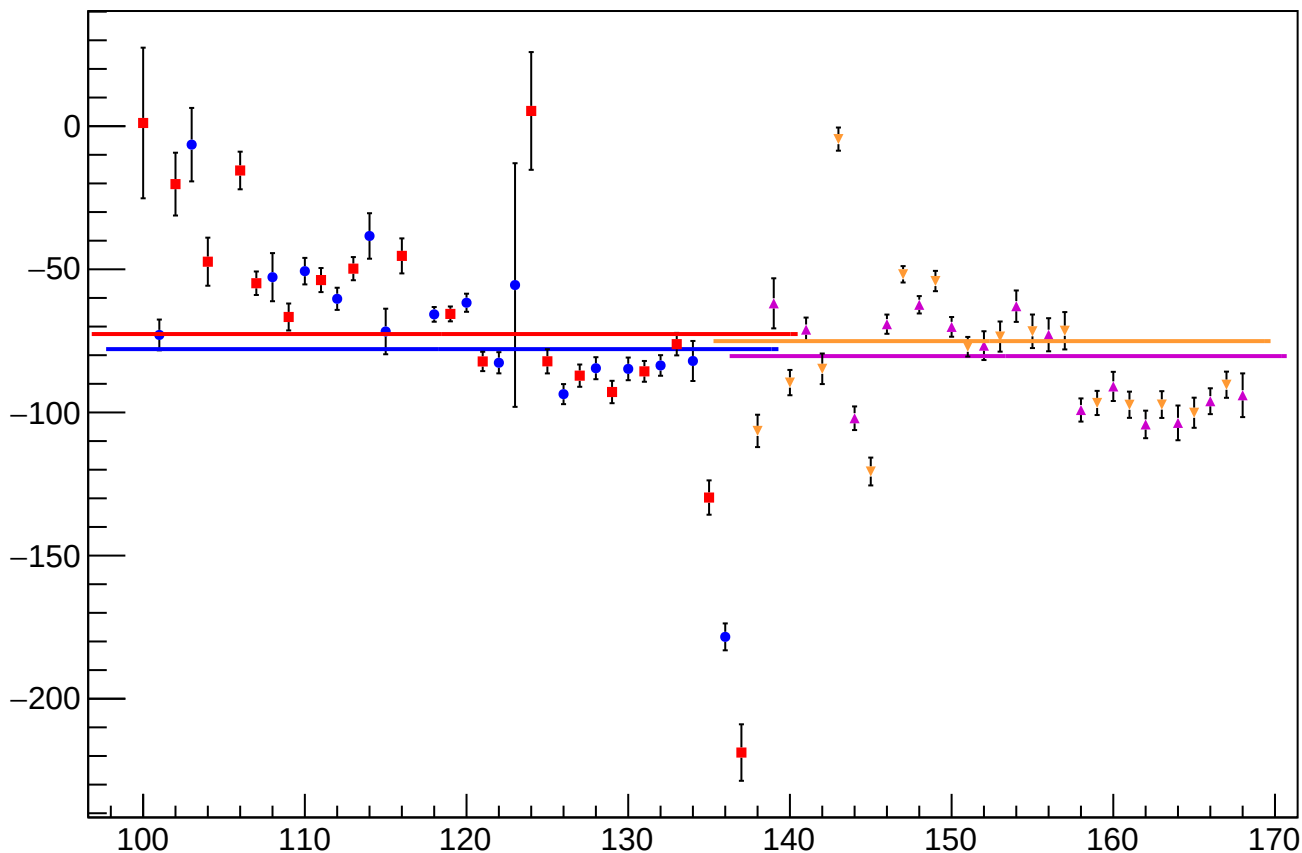
Left In: -192.927 ± 1.370 χ^2/NDF : 458.1/14

+ sign -188.390 ± 1.069 χ^2/NDF : 2218.2/32

All: -189.245 ± 0.755 χ^2/NDF : 4437.6/66

- sign -190.097 ± 1.067 χ^2/NDF : 2218.2/33

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877+/-1.066 χ^2/NDF : 658.2/16

Left Out: -75.085+/-1.098 χ^2/NDF : 645.2/15

Right Out: -72.612+/-1.054 χ^2/NDF : 606.9/18

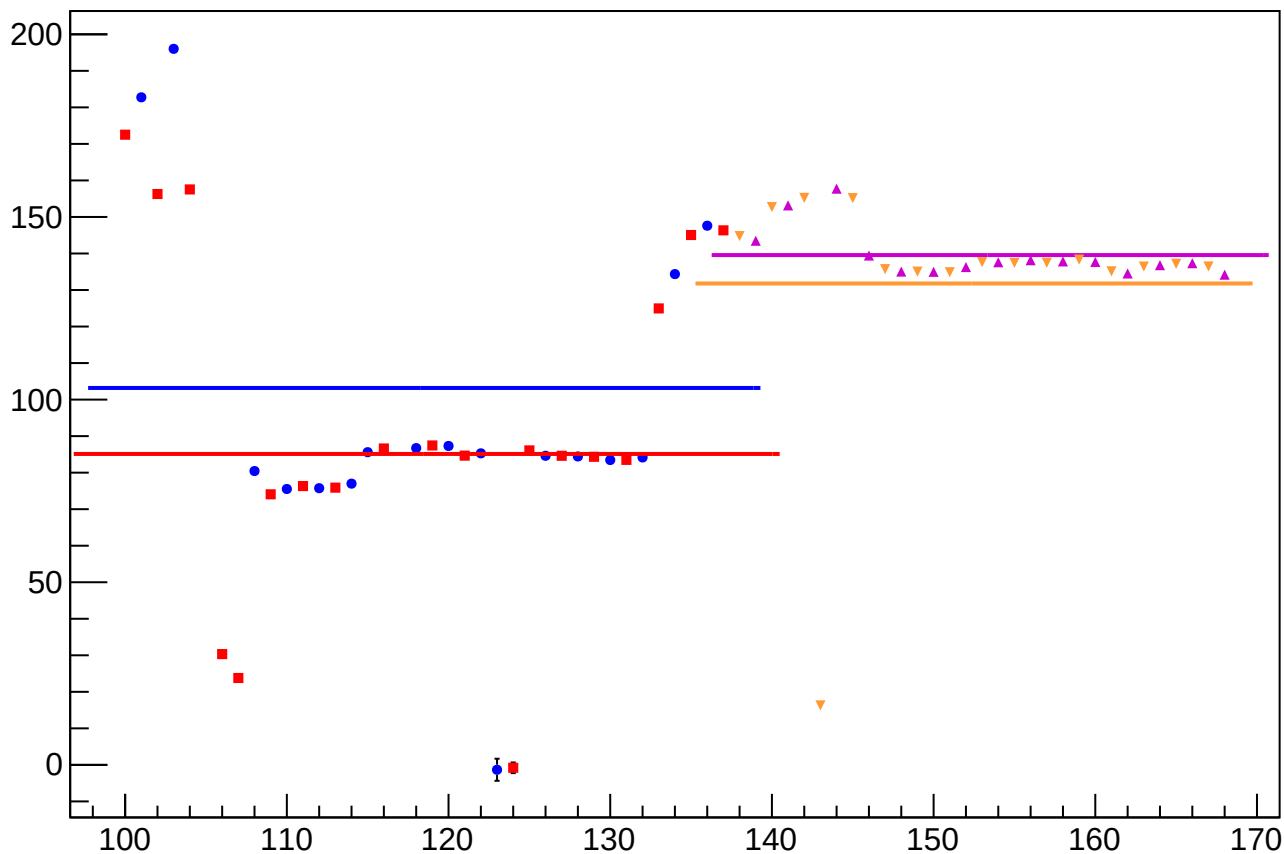
Left In: -80.314+/-1.156 χ^2/NDF : 184.6/14

+ sign -76.523+/-0.765 χ^2/NDF : 1306.7/32

All: -76.319+/-0.546 χ^2/NDF : 2122.6/66

- sign -76.108+/-0.779 χ^2/NDF : 815.8/33

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 131.790 $\pm$ 0.054 χ^2 /NDF: 346084.6/15

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

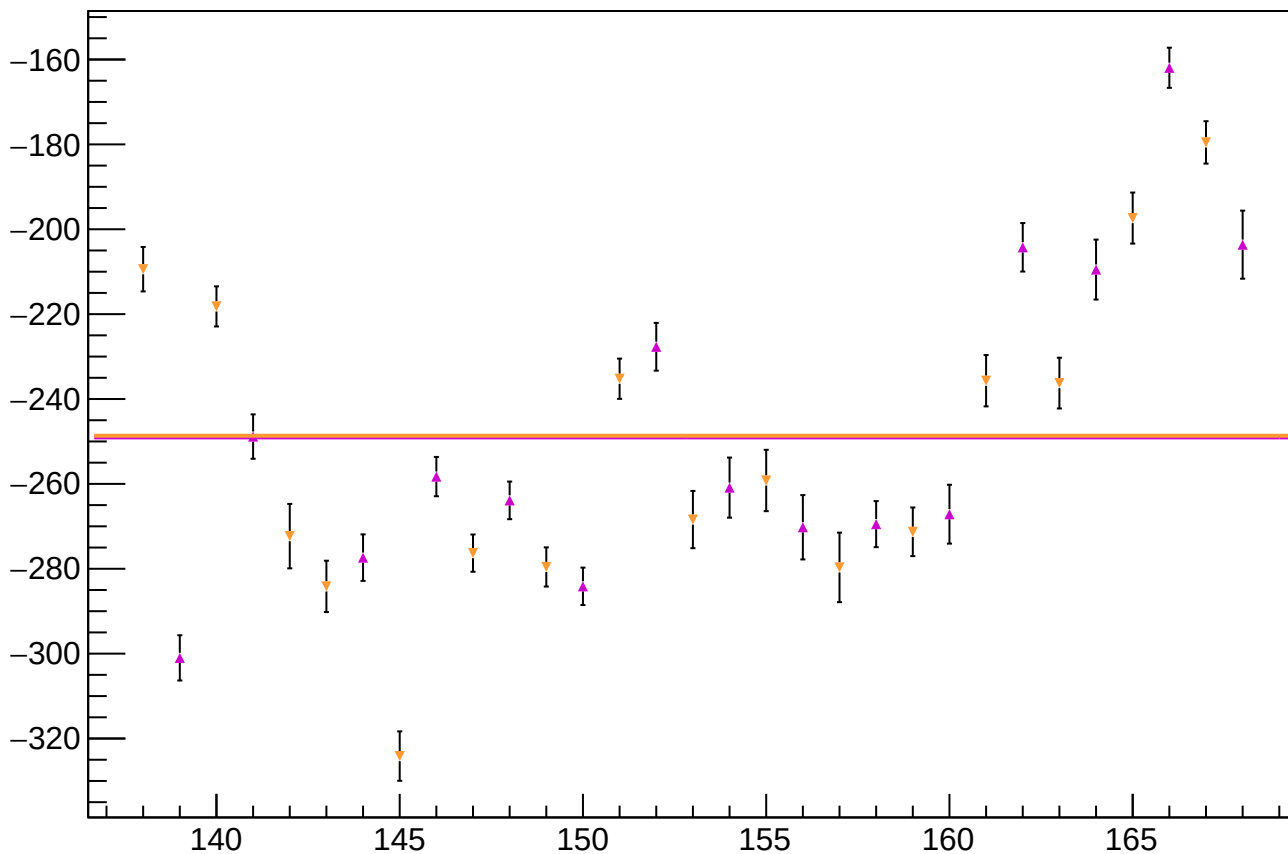
Left In: 139.566 $\pm$ 0.055 χ^2 /NDF: 13802.2/14

+ sign 121.239 $\pm$ 0.043 χ^2 /NDF: 724037.0/32

All: 118.732 $\pm$ 0.030 χ^2 /NDF: 1586813.0/66

- sign 116.355 $\pm$ 0.042 χ^2 /NDF: 856068.4/33

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -248.654+/-1.403 χ^2/NDF : 716.0/15

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

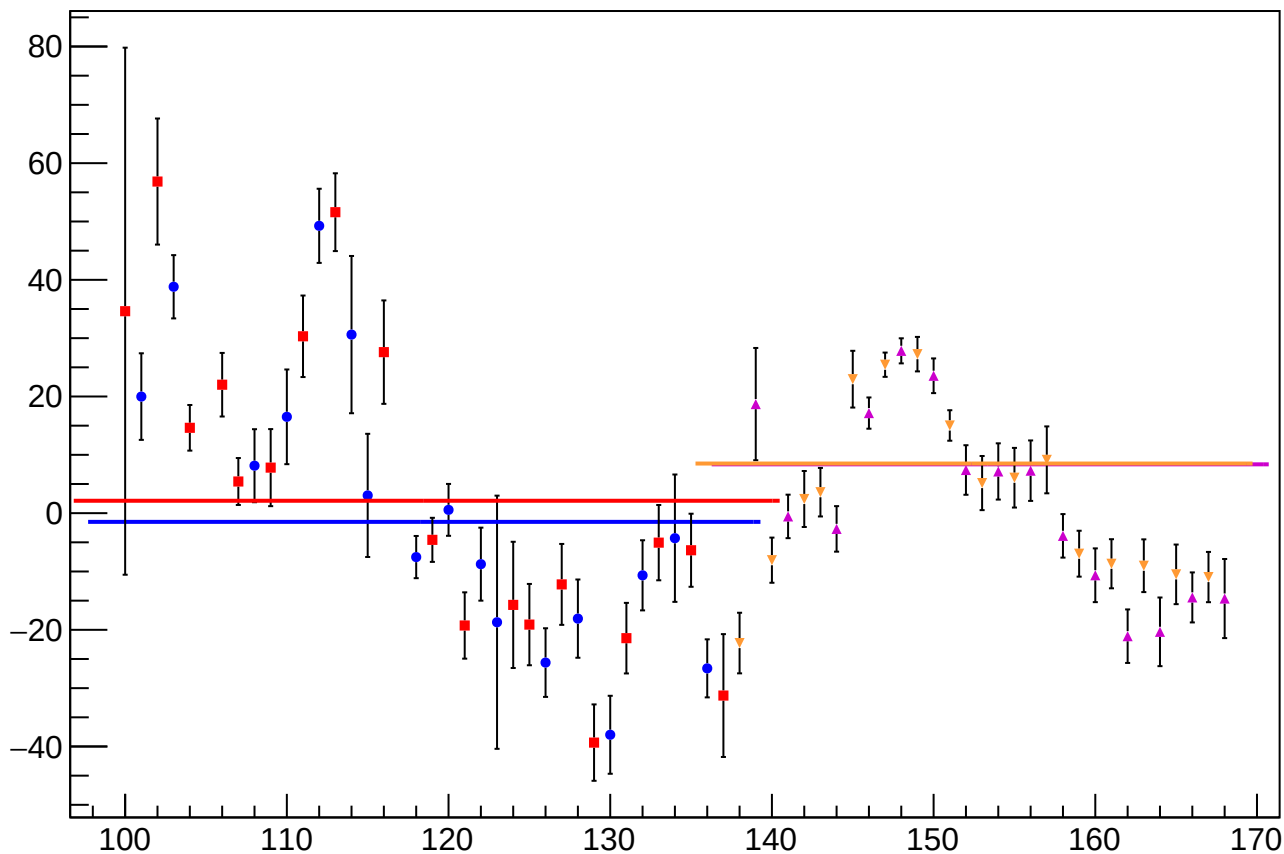
Left In: -249.042+/-1.431 χ^2/NDF : 709.4/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.844+/-1.002 χ^2/NDF : 1425.4/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.492 ± 1.513 χ^2/NDF : 226.1/16

Left Out: 8.507 ± 0.947 χ^2/NDF : 260.1/15

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

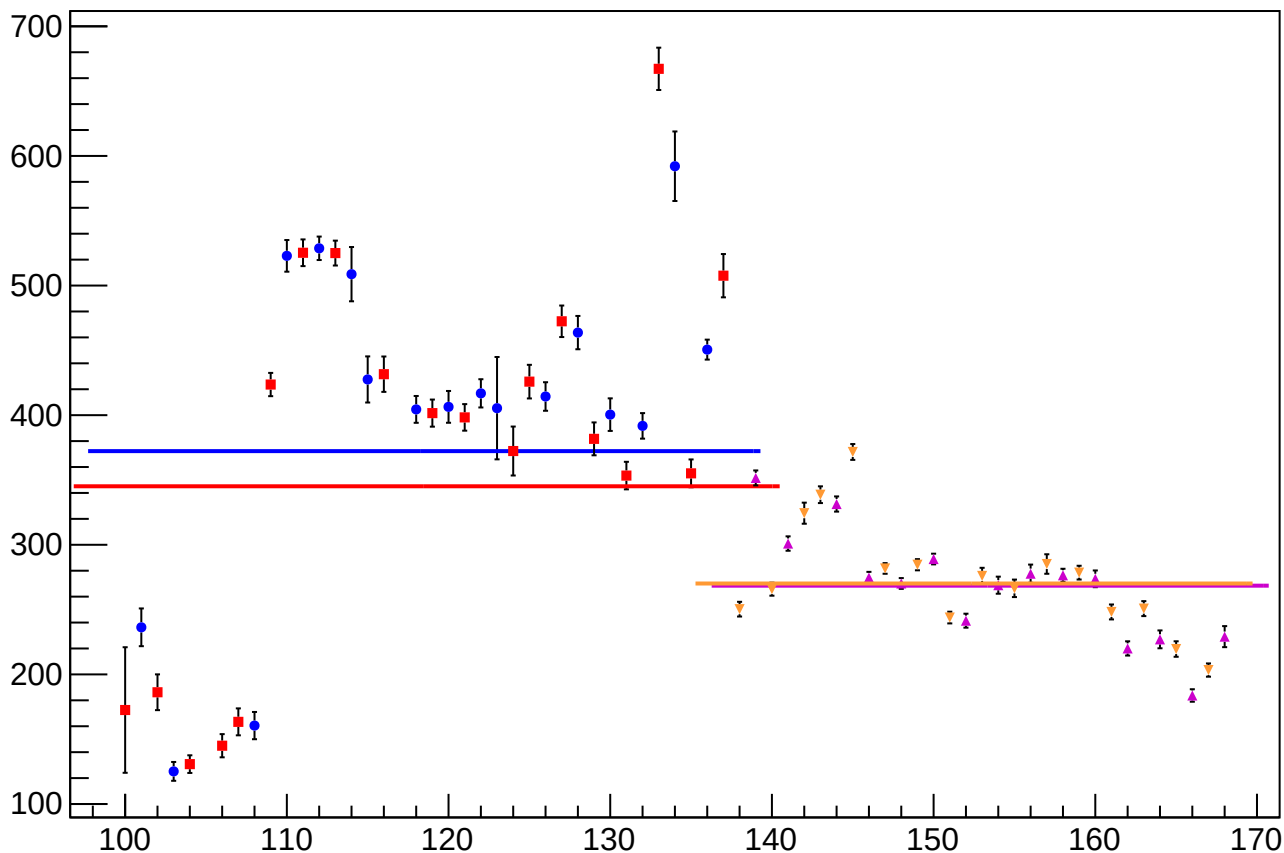
Left In: 8.370 ± 0.988 χ^2/NDF : 266.5/14

+ sign 5.695 ± 0.803 χ^2/NDF : 517.5/32

All: 5.995 ± 0.569 χ^2/NDF : 1030.2/66

- sign 6.299 ± 0.808 χ^2/NDF : 512.4/33

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 270.126 $\pm$ 1.380 χ^2 /NDF: 774.4/15

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

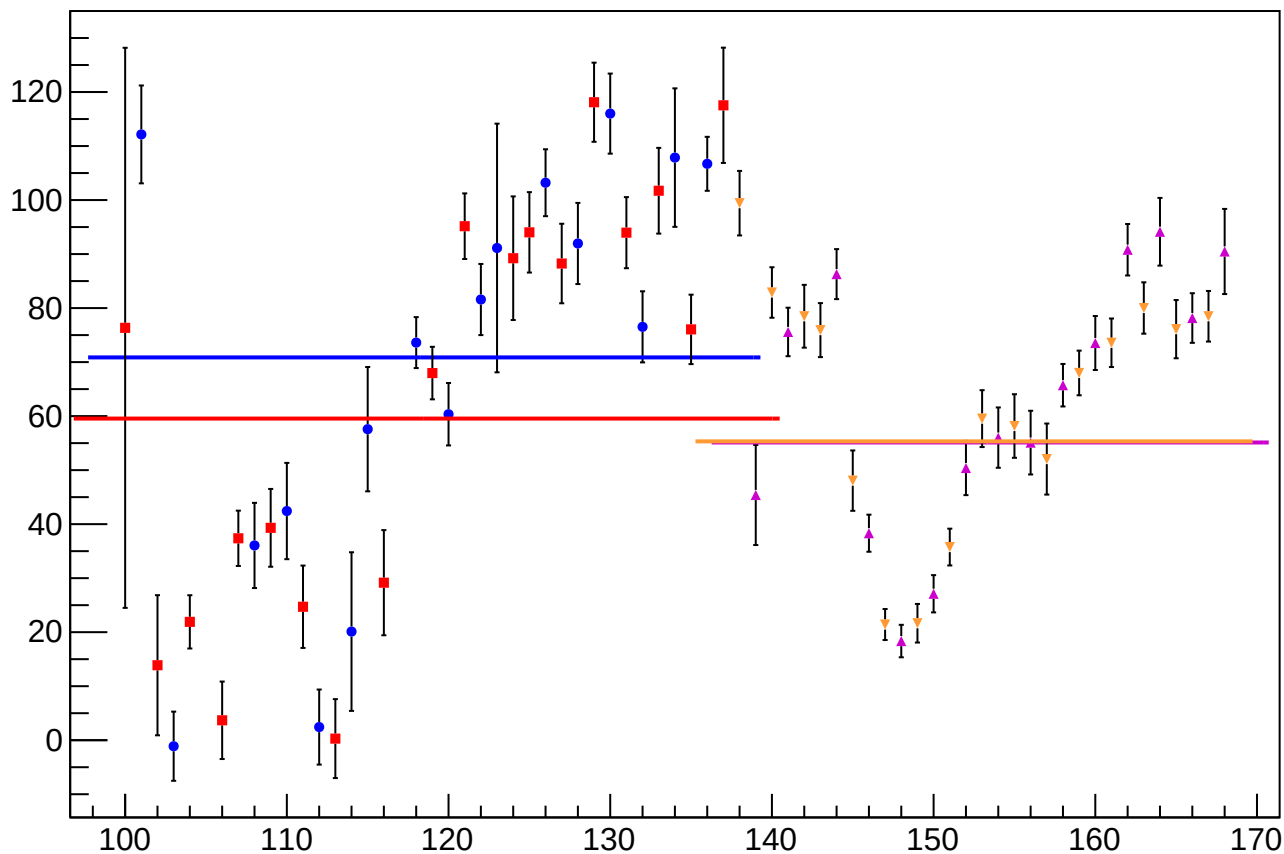
Left In: 268.460 $\pm$ 1.396 χ^2 /NDF: 859.8/14

+ sign 290.551 $\pm$ 1.234 χ^2 /NDF: 4303.6/32

All: 288.265 $\pm$ 0.870 χ^2 /NDF: 9277.2/66

- sign 286.010 $\pm$ 1.226 χ^2 /NDF: 4966.8/33

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 55.324 $\pm$ 1.131 χ^2 /NDF: 478.4/15

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

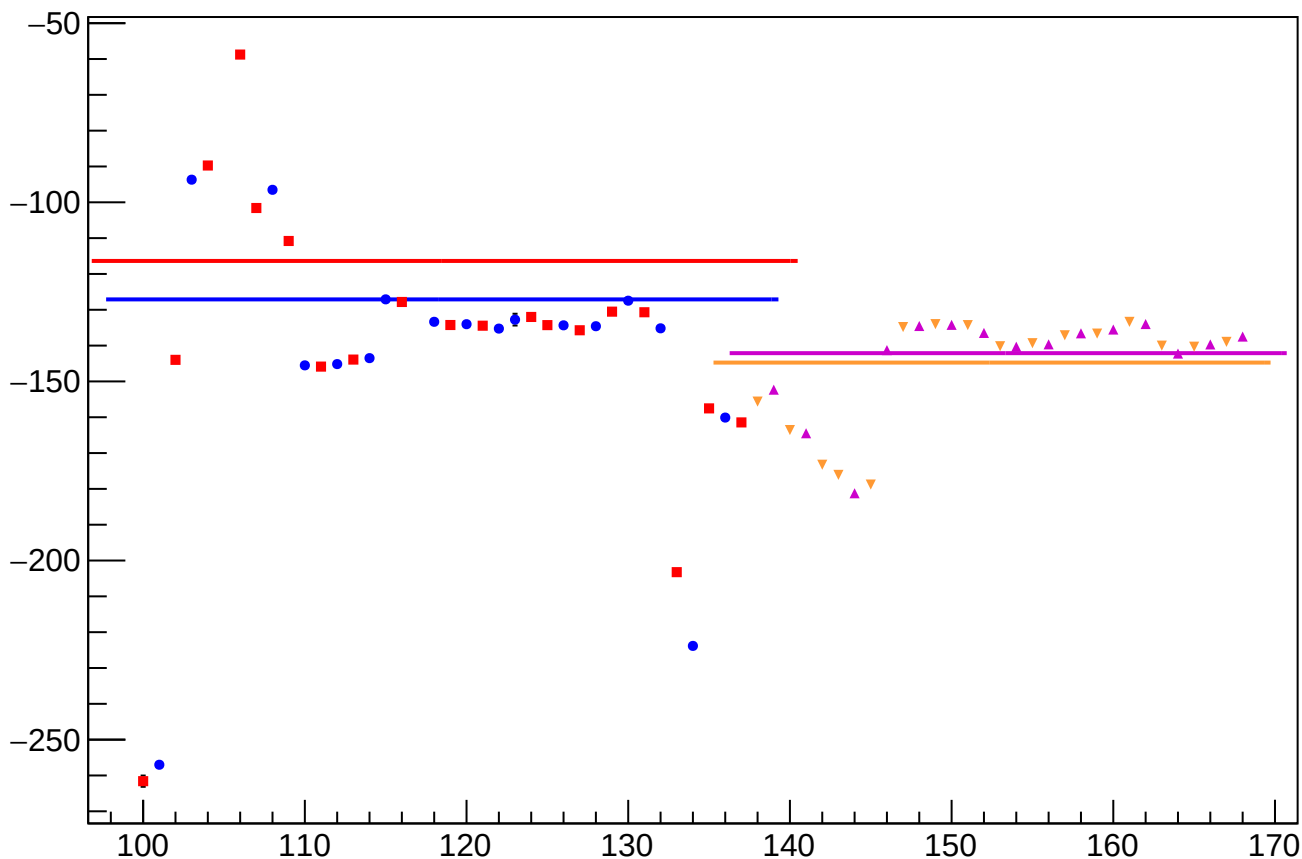
Left In: 55.117 $\pm$ 1.174 χ^2 /NDF: 468.3/14

+ sign 59.930 $\pm$ 0.949 χ^2 /NDF: 961.4/32

All: 58.286 $\pm$ 0.672 χ^2 /NDF: 1931.5/66

- sign 56.626 $\pm$ 0.953 χ^2 /NDF: 964.1/33

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 ± 0.089 $\chi^2/\text{NDF}: 167064.7/16$

Left Out: -144.744 ± 0.056 $\chi^2/\text{NDF}: 68512.1/15$

Right Out: -116.369 ± 0.083 $\chi^2/\text{NDF}: 167595.6/18$

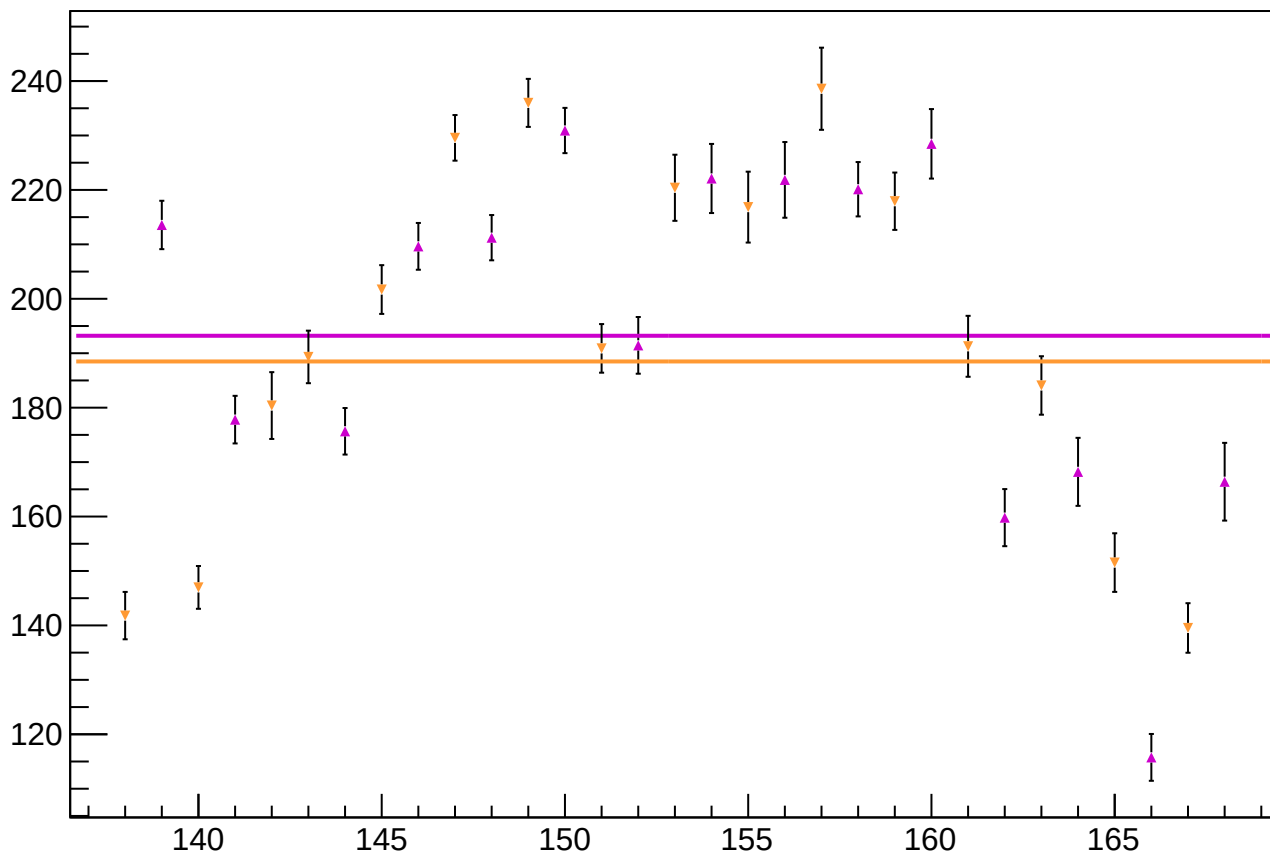
Left In: -142.111 ± 0.056 $\chi^2/\text{NDF}: 43845.7/14$

+ sign -139.837 ± 0.047 $\chi^2/\text{NDF}: 263656.7/32$

All: -136.901 ± 0.033 $\chi^2/\text{NDF}: 548961.0/66$

- sign -134.064 ± 0.046 $\chi^2/\text{NDF}: 277683.8/33$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 188.489+/-1.241 χ^2/NDF : 735.0/15

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

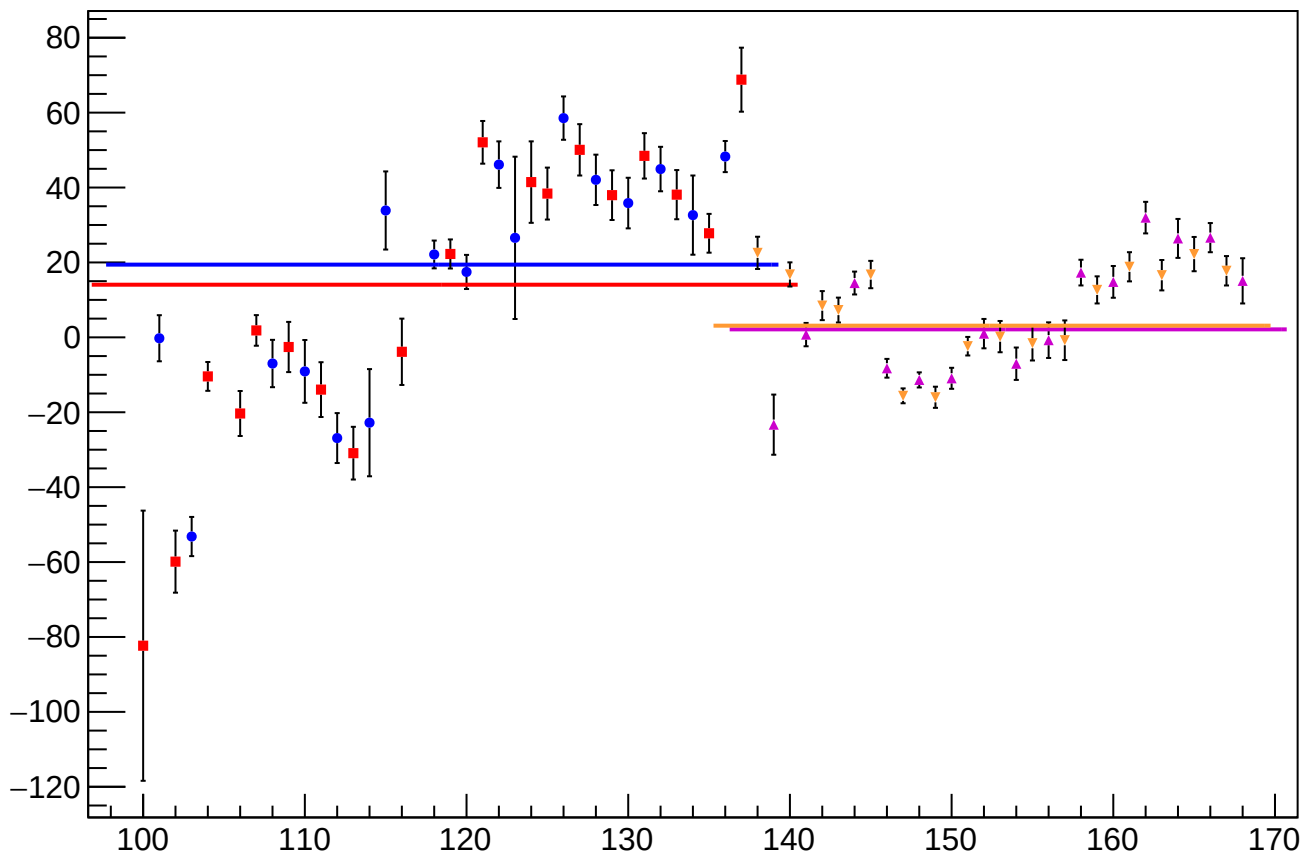
Left In: 193.209+/-1.280 χ^2/NDF : 658.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.776+/-0.891 χ^2/NDF : 1400.1/30

- 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: 3.117 ± 0.851 χ^2/NDF : 263.4/15

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

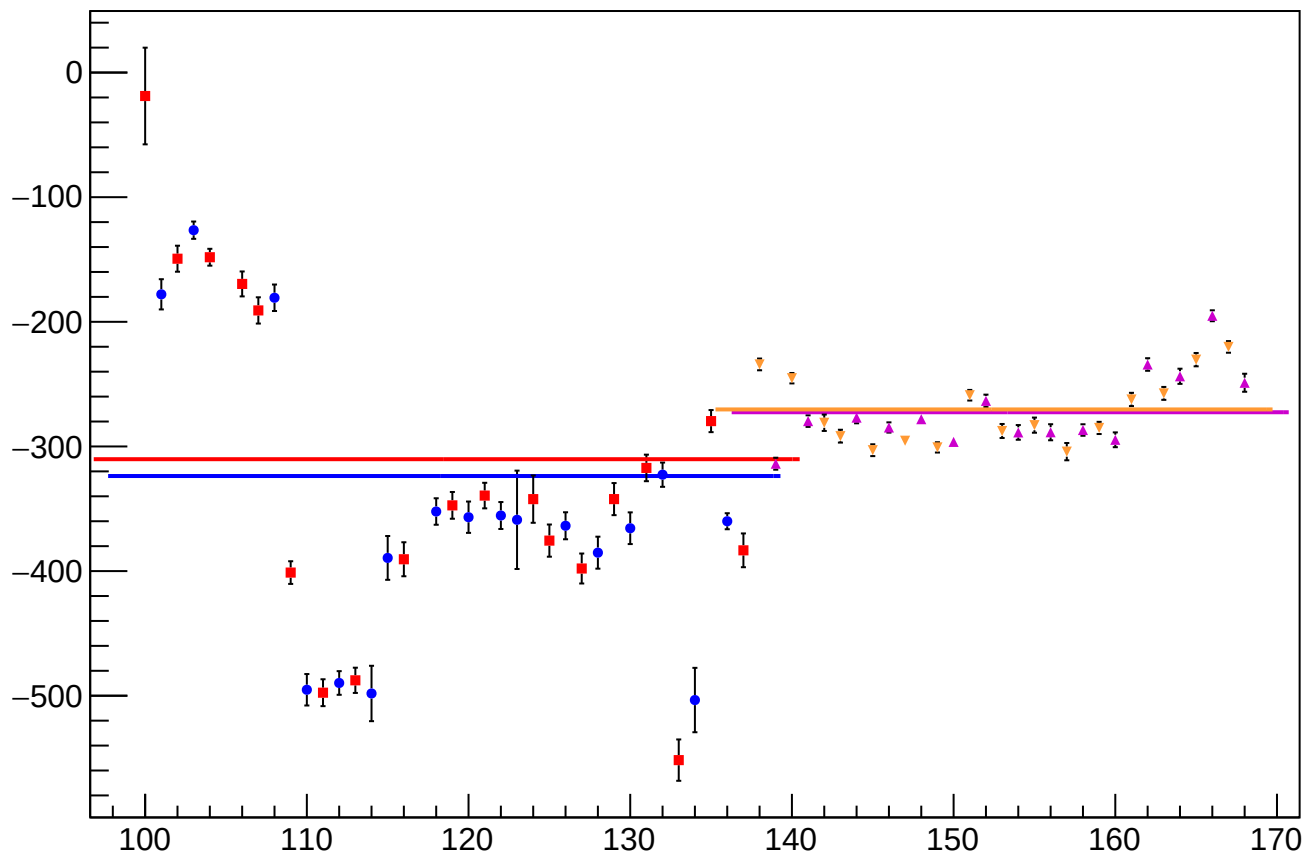
Left In: 2.130 ± 0.895 χ^2/NDF : 259.8/14

+ sign 7.170 ± 0.738 χ^2/NDF : 795.6/32

All: 6.410 ± 0.527 χ^2/NDF : 1546.0/66

- sign 5.619 ± 0.753 χ^2/NDF : 748.3/33

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 $\chi^2/\text{NDF}: 1850.8/16$

Left Out: -270.299 ± 1.230 $\chi^2/\text{NDF}: 491.6/15$

Right Out: -310.223 ± 2.523 $\chi^2/\text{NDF}: 2300.0/18$

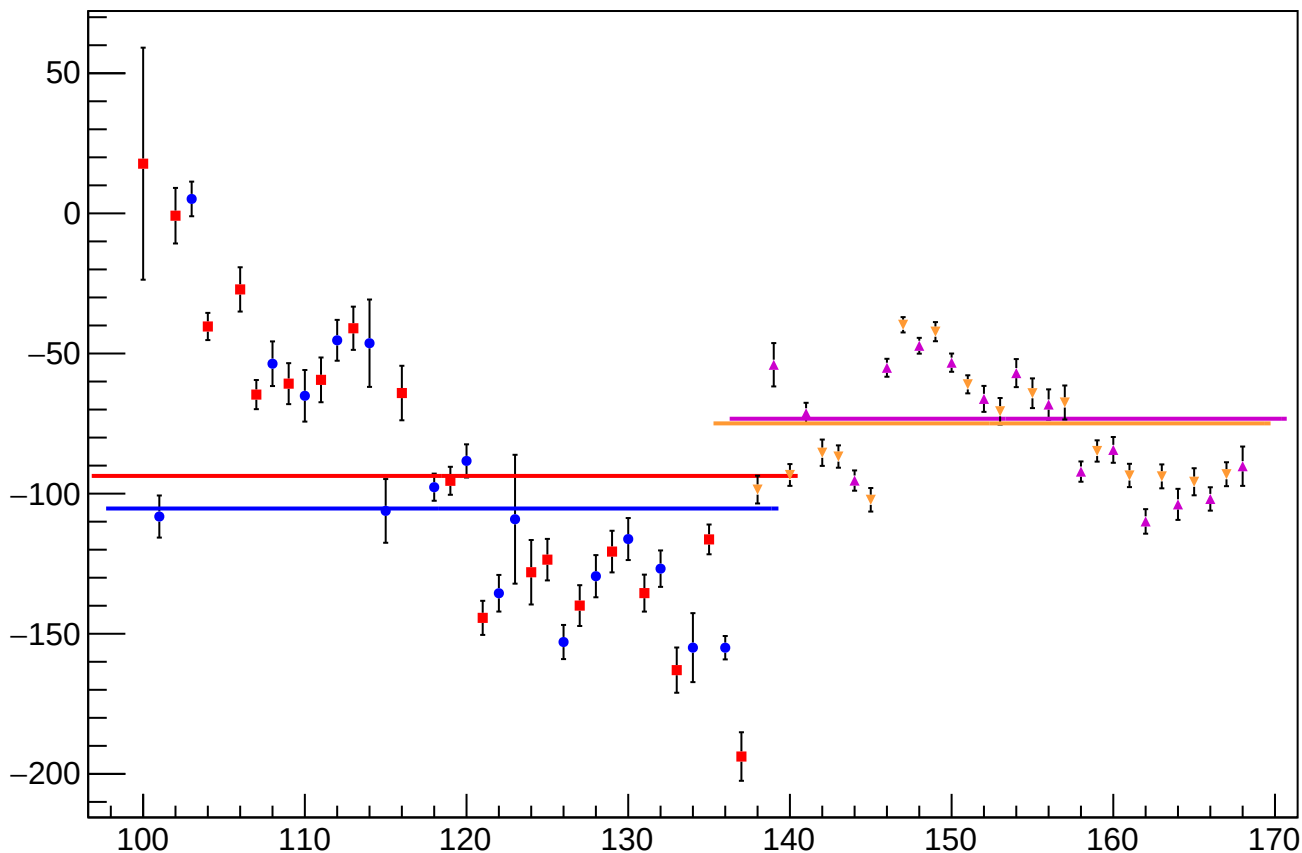
Left In: -272.547 ± 1.256 $\chi^2/\text{NDF}: 568.8/14$

+ sign -279.660 ± 1.117 $\chi^2/\text{NDF}: 2673.1/32$

All: -279.842 ± 0.792 $\chi^2/\text{NDF}: 5720.6/66$

- sign -280.026 ± 1.124 $\chi^2/\text{NDF}: 3047.5/33$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF : 737.5/16

Left Out: -74.937+/-1.013 χ^2/NDF : 466.2/15

Right Out: -93.680+/-1.612 χ^2/NDF : 826.5/18

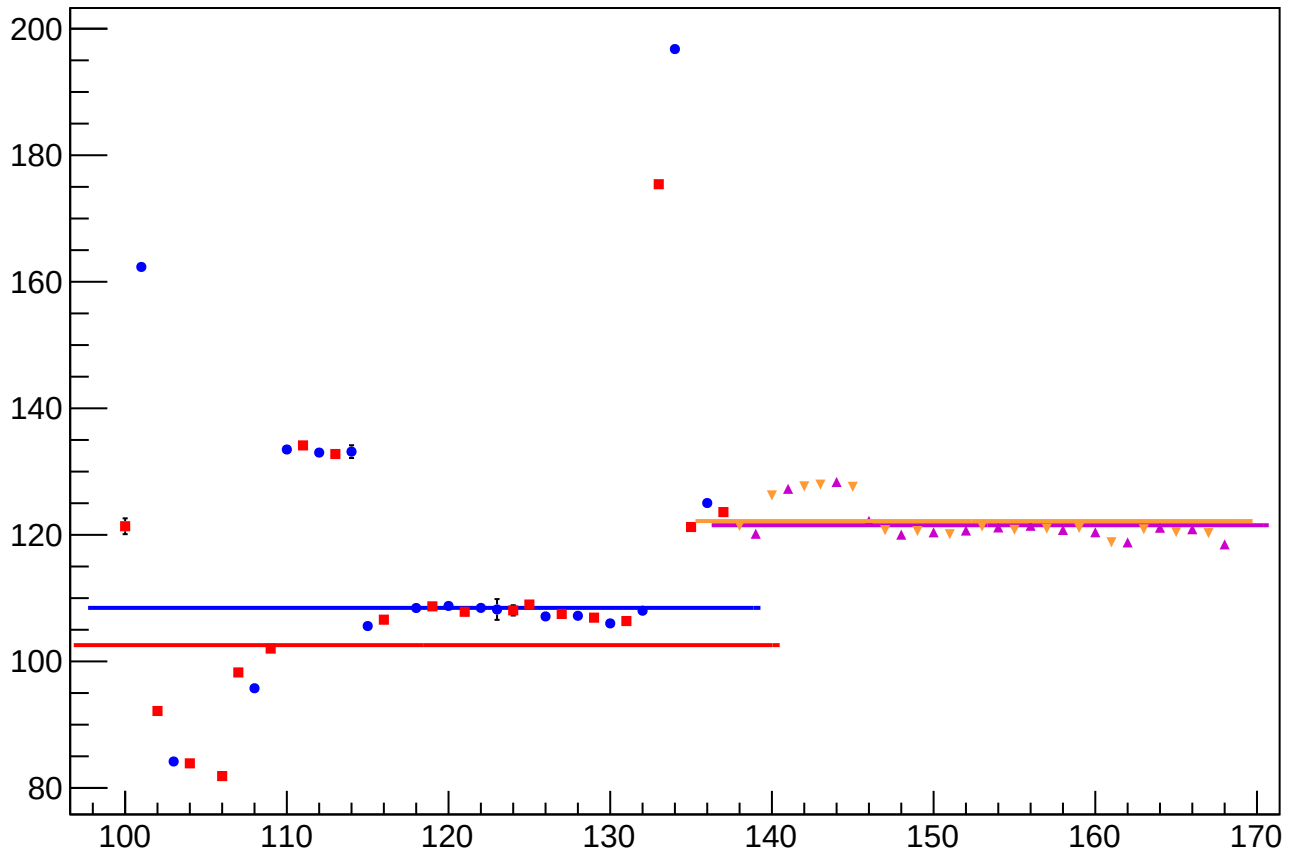
Left In: -73.275+/-1.061 χ^2/NDF : 398.9/14

+ sign -82.944+/-0.869 χ^2/NDF : 1440.6/32

All: -81.228+/-0.621 χ^2/NDF : 2785.8/66

- sign -79.445+/-0.886 χ^2/NDF : 1337.3/33

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 ± 0.085 $\chi^2/\text{NDF}: 73302.1/16$

Left Out: 122.180 ± 0.049 $\chi^2/\text{NDF}: 3437.4/15$

Right Out: 102.570 ± 0.079 $\chi^2/\text{NDF}: 53143.8/18$

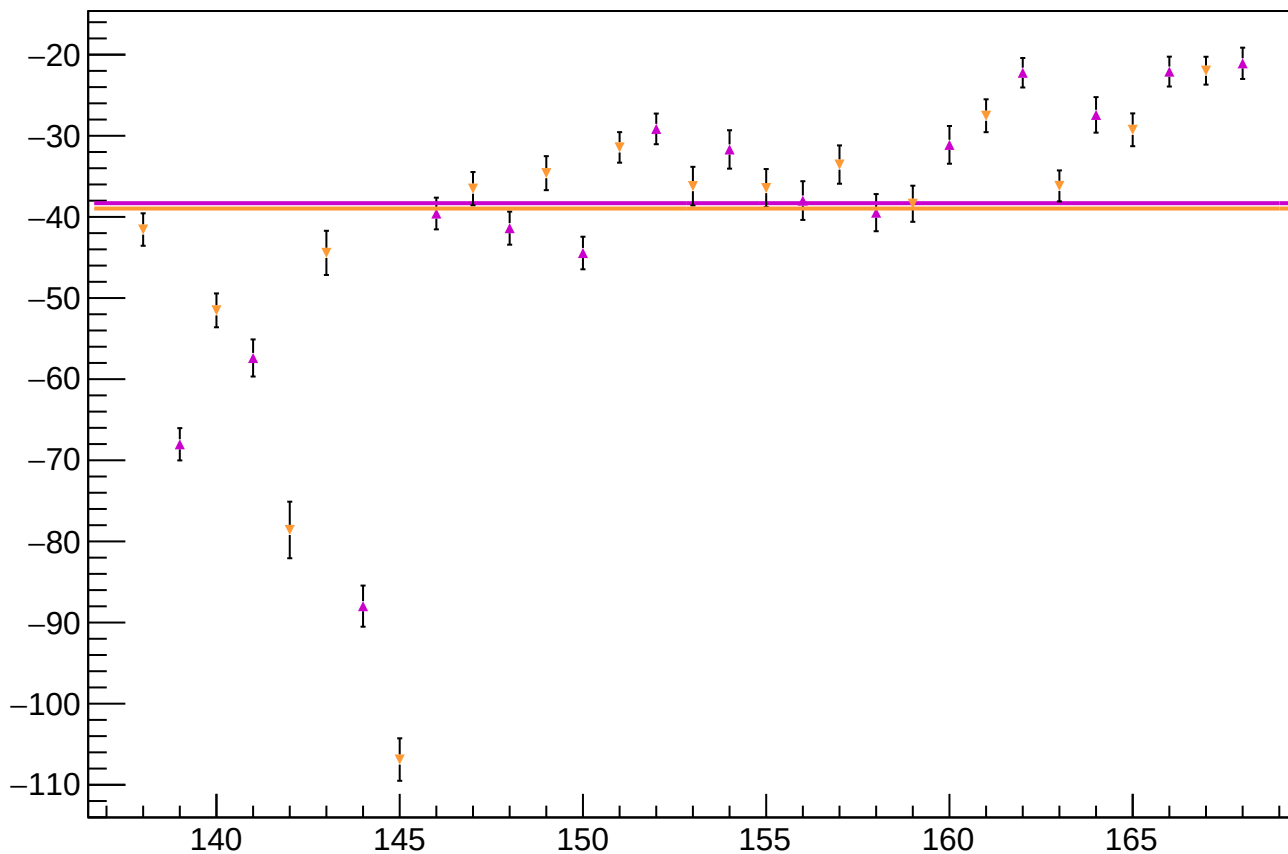
Left In: 121.523 ± 0.050 $\chi^2/\text{NDF}: 2699.0/14$

+ sign 118.701 ± 0.043 $\chi^2/\text{NDF}: 96312.8/32$

All: 117.399 ± 0.030 $\chi^2/\text{NDF}: 194649.5/66$

- sign 116.109 ± 0.042 $\chi^2/\text{NDF}: 96483.1/33$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -38.969 +/- 0.540 χ^2/NDF : 1028.1/15

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

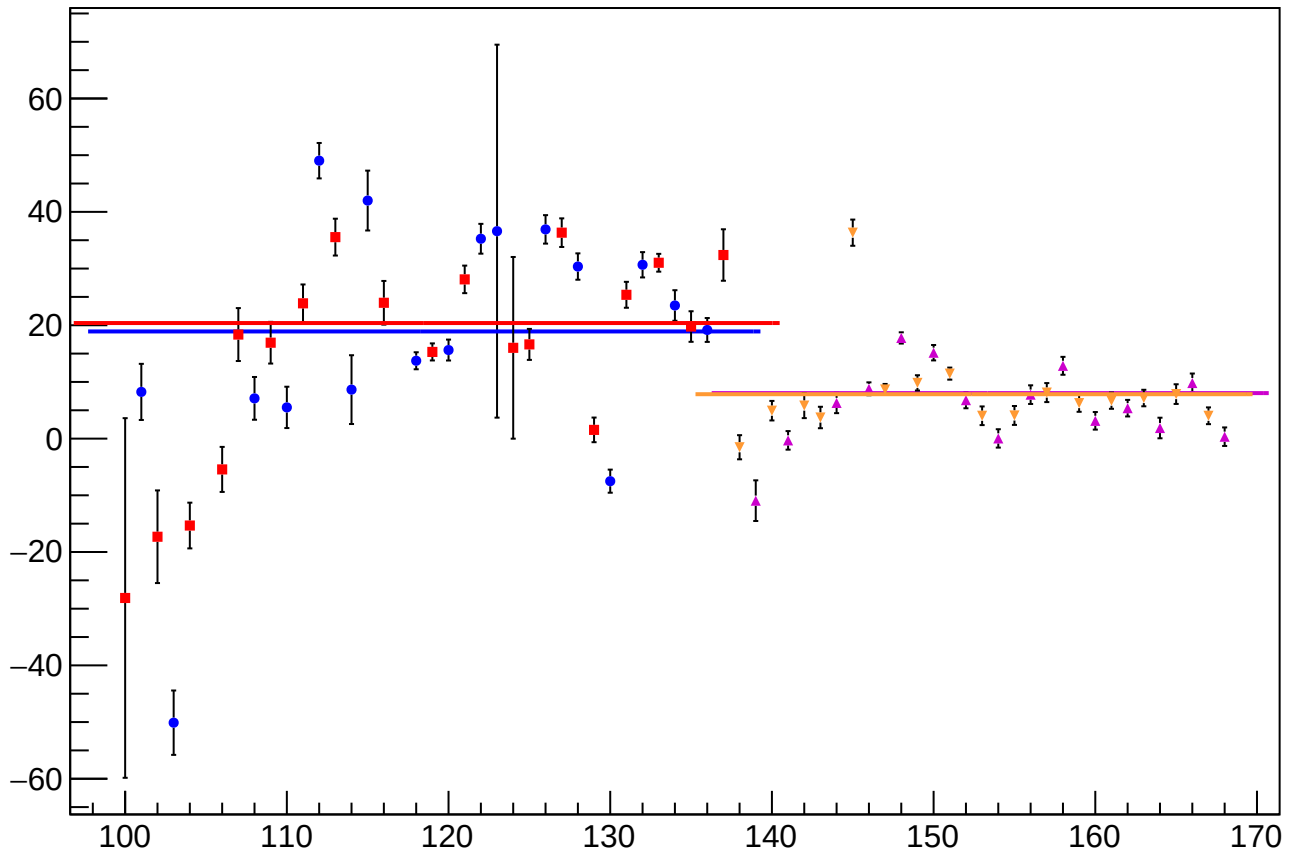
Left In: -38.307 +/- 0.540 χ^2/NDF : 990.1/14

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

All: -38.638 +/- 0.382 χ^2/NDF : 2019.0/30

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

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 $\pm$ 0.644 χ^2/NDF : 618.9/16

Left Out: 7.835 $\pm$ 0.379 χ^2/NDF : 213.3/15

Right Out: 20.390 $\pm$ 0.644 χ^2/NDF : 365.3/18

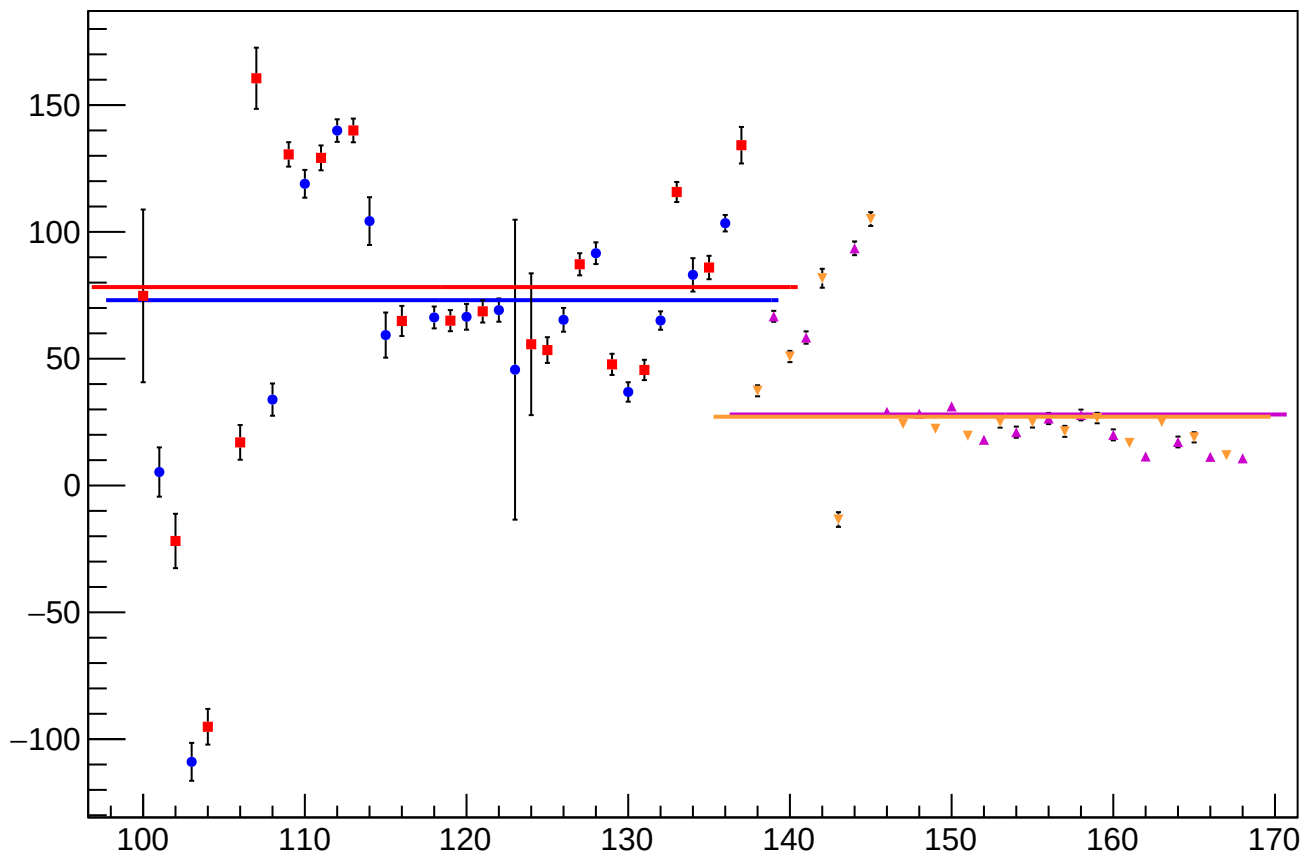
Left In: 8.029 $\pm$ 0.388 χ^2/NDF : 261.3/14

+ sign 10.682 $\pm$ 0.326 χ^2/NDF : 1052.1/32

All: 10.997 $\pm$ 0.233 χ^2/NDF : 1950.9/66

- sign 11.324 $\pm$ 0.332 χ^2/NDF : 896.9/33

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2/NDF : 1200.0/16

Left Out: 27.118 $\pm$ 0.529 χ^2/NDF :1530.3/15

Right Out: 78.241 $\pm$ 1.223 χ^2/NDF : 1542.7/18

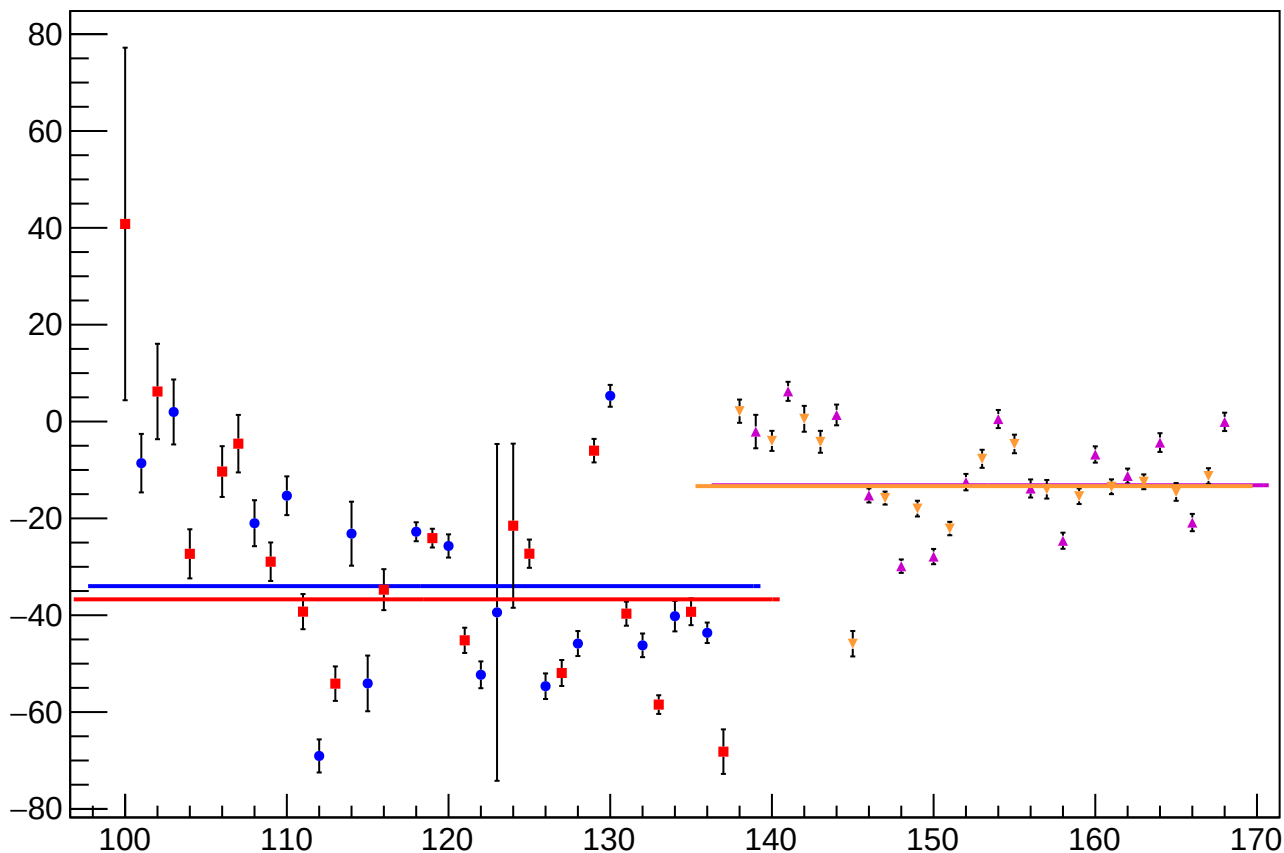
Left In: 28.011 $\pm$ 0.526 χ^2/NDF :1393.4/14

+ sign 34.312 $\pm$ 0.486 χ^2/NDF : 3911.7/32

All: 35.092 $\pm$ 0.343 χ^2/NDF : 8277.1/66

- sign 35.864 $\pm$ 0.483 χ^2/NDF : 4360.2/33

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.337 ± 0.443 χ^2/NDF : 343.9/15

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

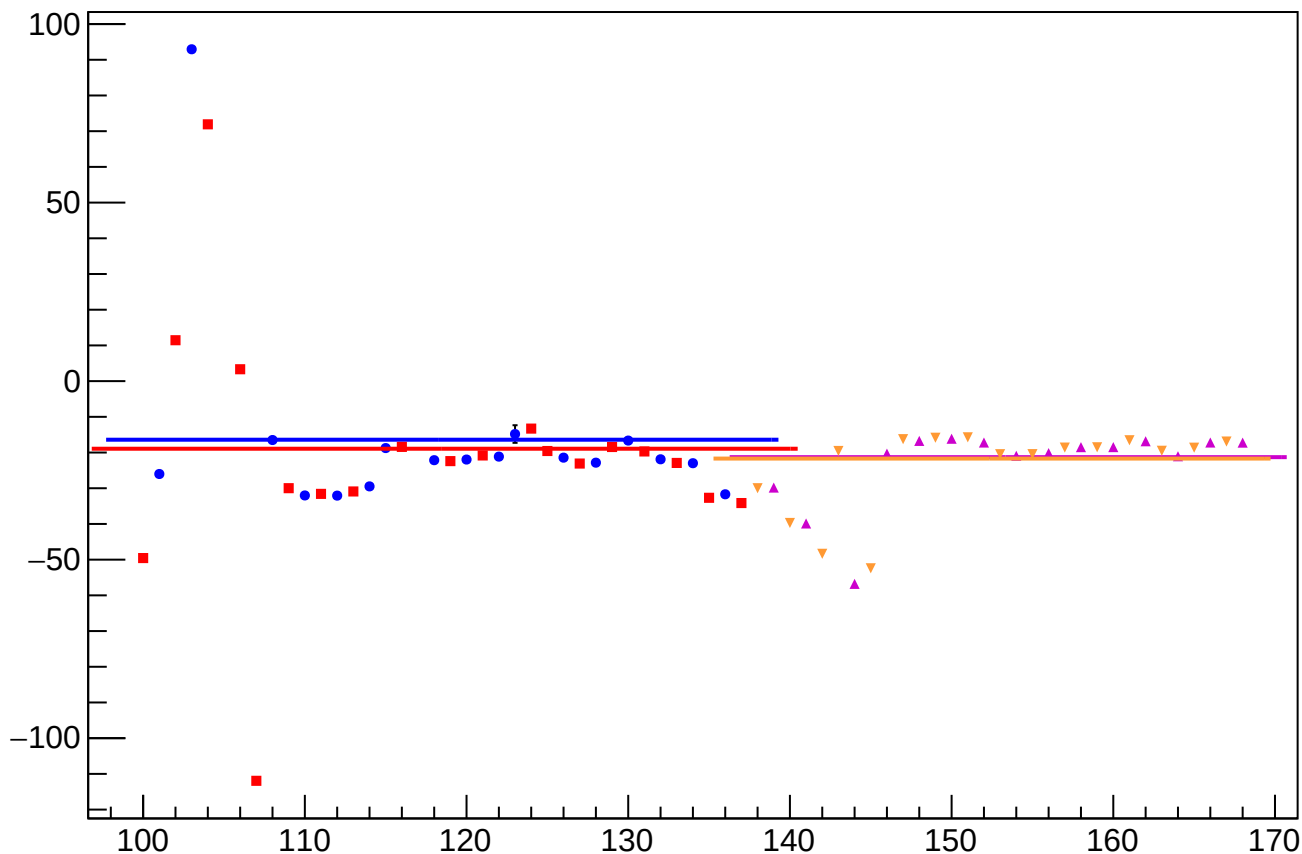
Left In: -13.159 ± 0.453 χ^2/NDF : 591.8/14

+ sign -18.828 ± 0.380 χ^2/NDF : 1641.4/32

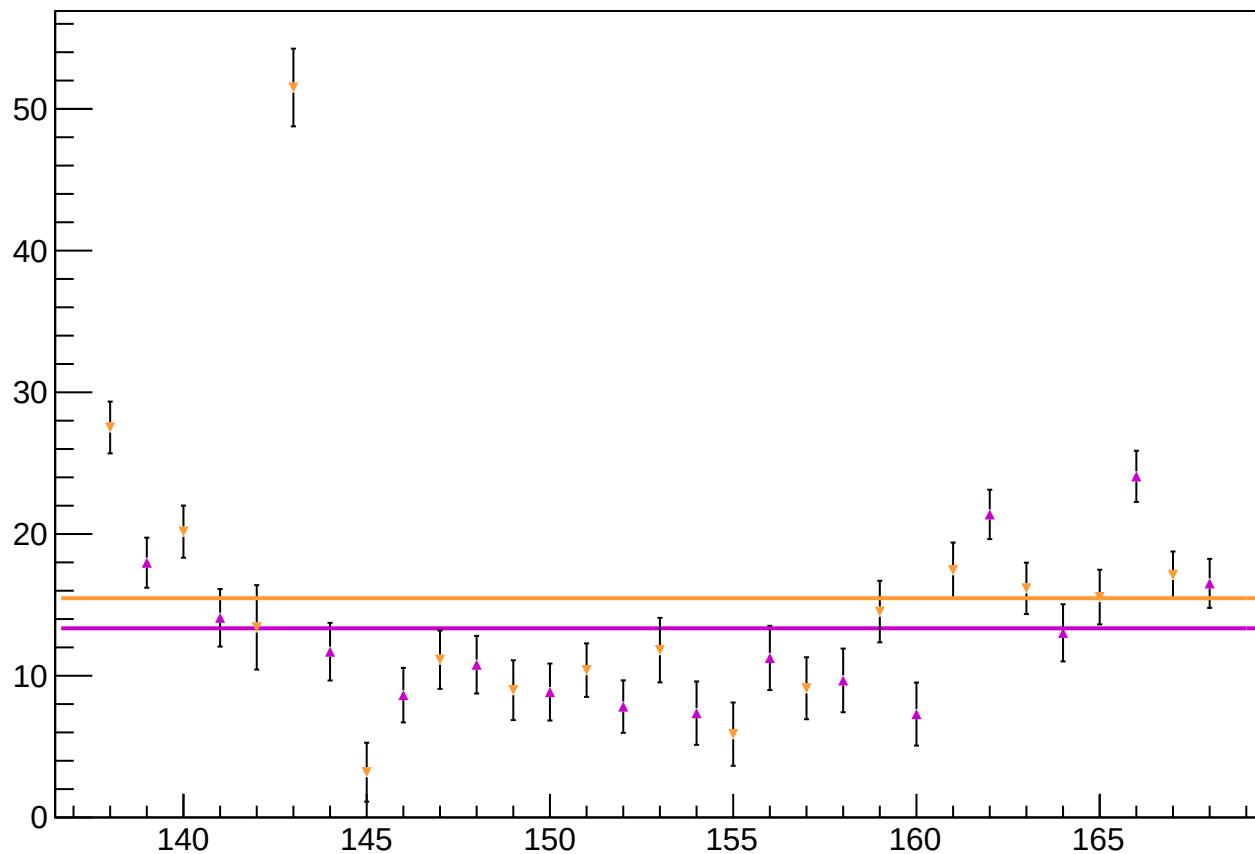
All: -19.216 ± 0.271 χ^2/NDF : 3520.4/66

- sign -19.618 ± 0.386 χ^2/NDF : 1876.9/33

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 15.471+/-0.511 χ^2 /NDF:311.1/15

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

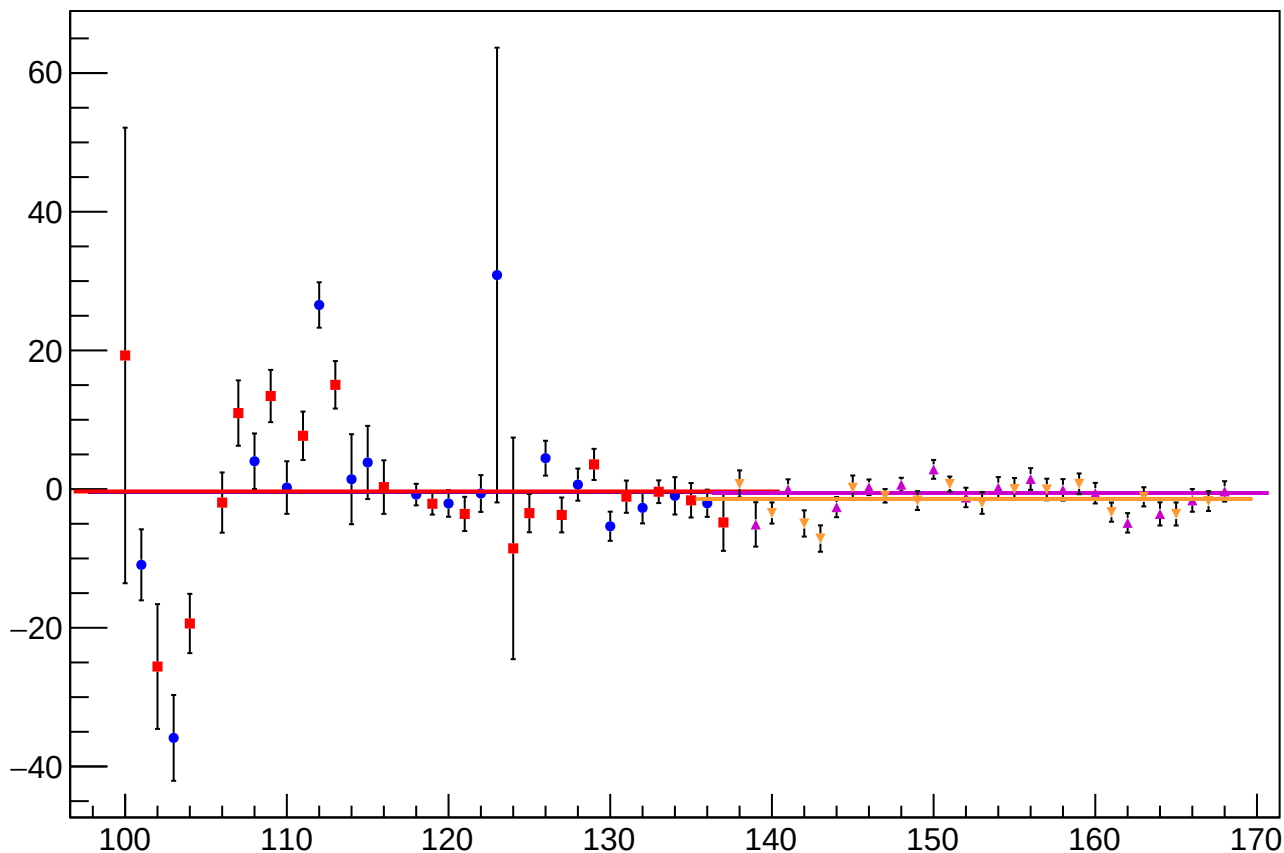
Left In: 13.346+/-0.509 χ^2 /NDF:107.1/14

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 14.403+/-0.361 χ^2 /NDF: 426.9/30

- 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: -1.424 ± 0.363 χ^2/NDF : 28.1/15

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

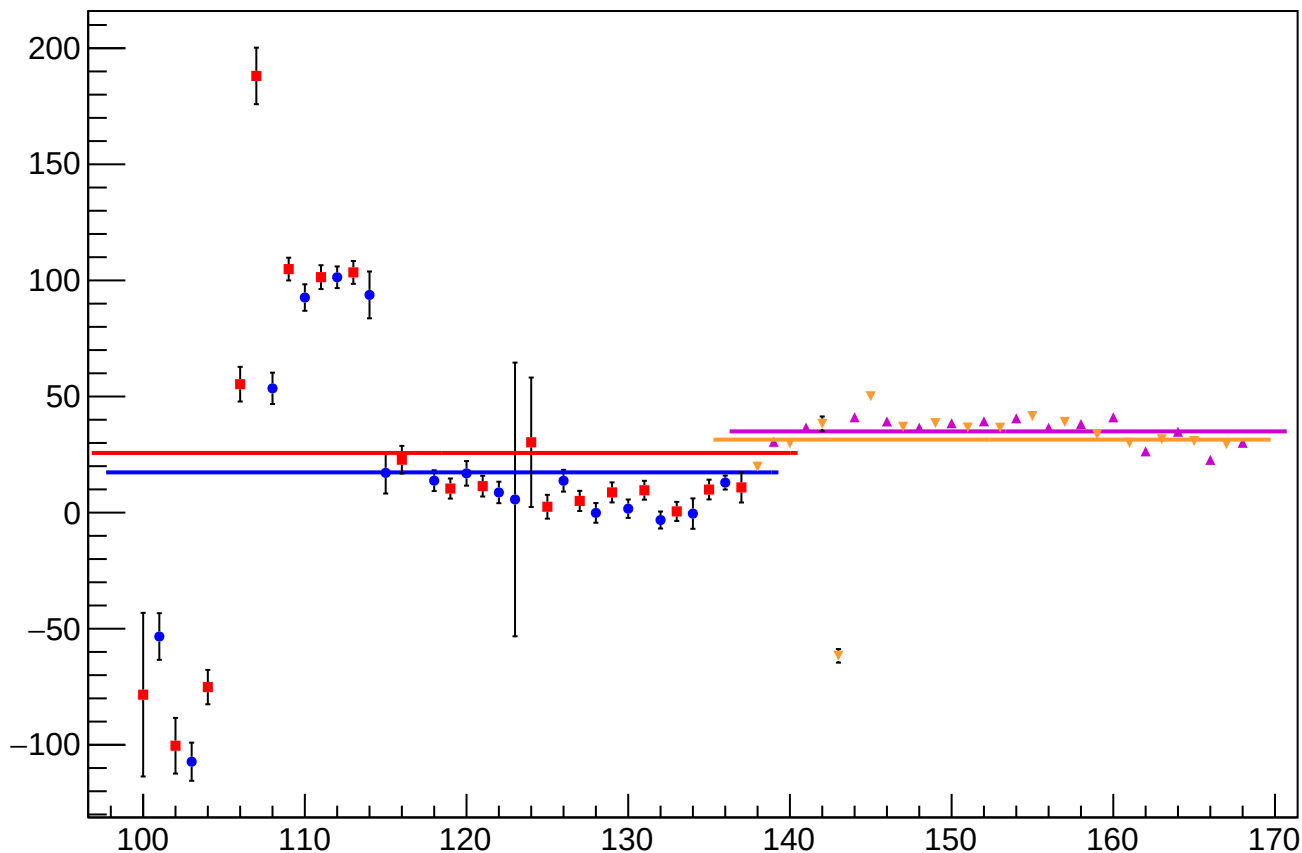
Left In: -0.560 ± 0.370 χ^2/NDF : 27.7/14

+ sign -1.186 ± 0.317 χ^2/NDF : 149.9/32

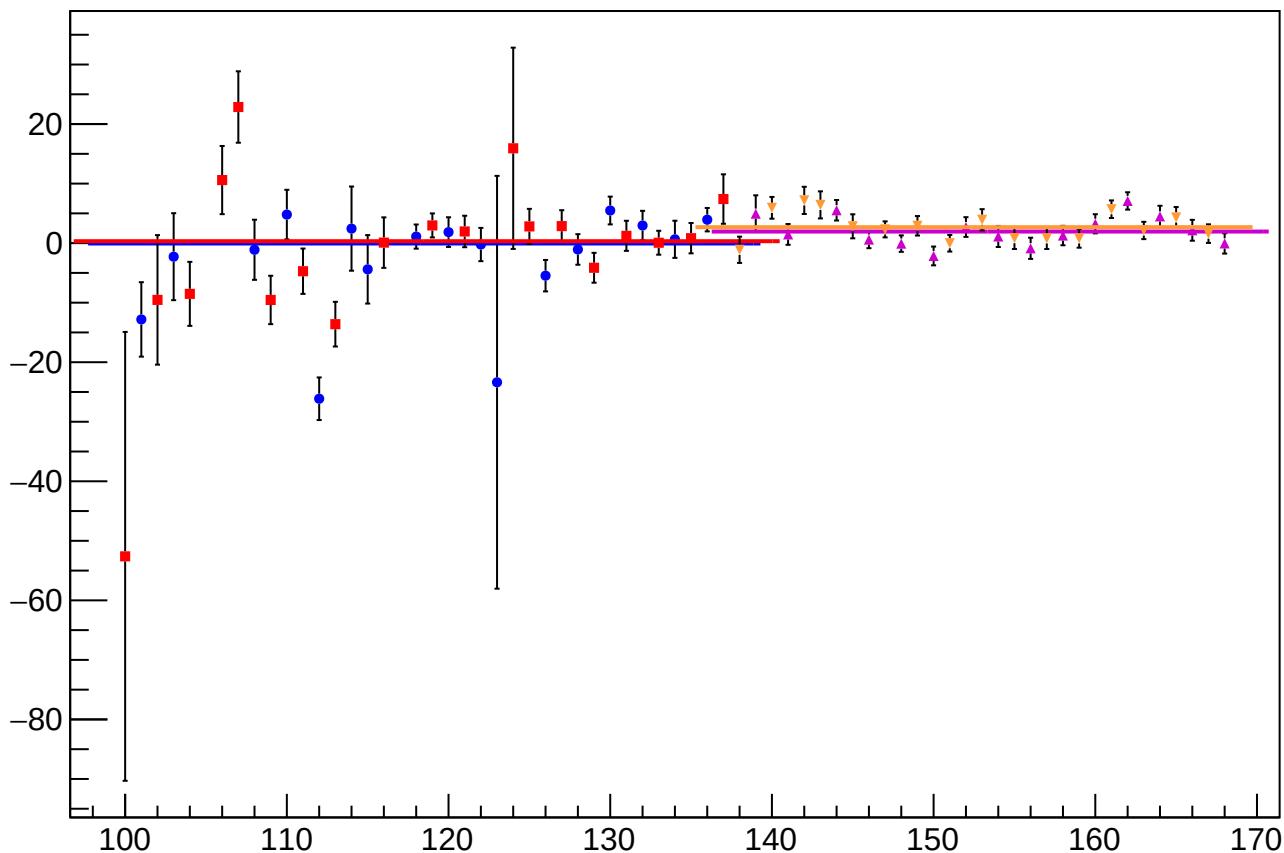
All: -0.852 ± 0.226 χ^2/NDF : 263.6/66

- sign -0.508 ± 0.323 χ^2/NDF : 111.5/33

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.683 ± 0.423 χ^2/NDF : 26.3/15

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

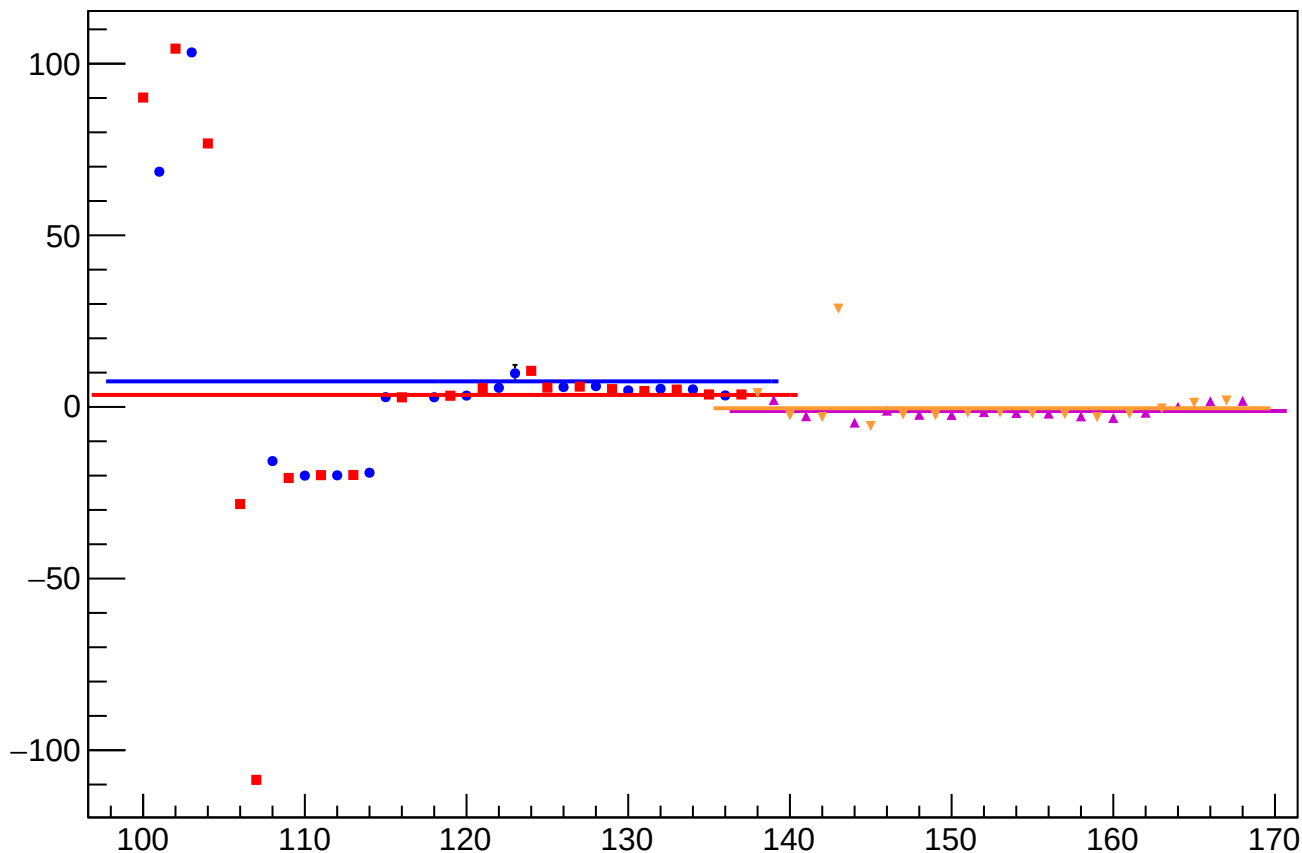
Left In: 1.945 ± 0.431 χ^2/NDF : 34.7/14

+ sign 2.012 ± 0.368 χ^2/NDF : 113.1/32

All: 1.781 ± 0.262 χ^2/NDF : 207.2/66

- sign 1.543 ± 0.373 χ^2/NDF : 93.4/33

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 $\chi^2/\text{NDF}: 356053.3/16$

Left Out: -0.385 ± 0.020 $\chi^2/\text{NDF}: 75180.4/15$

Right Out: 3.502 ± 0.046 $\chi^2/\text{NDF}: 510579.7/18$

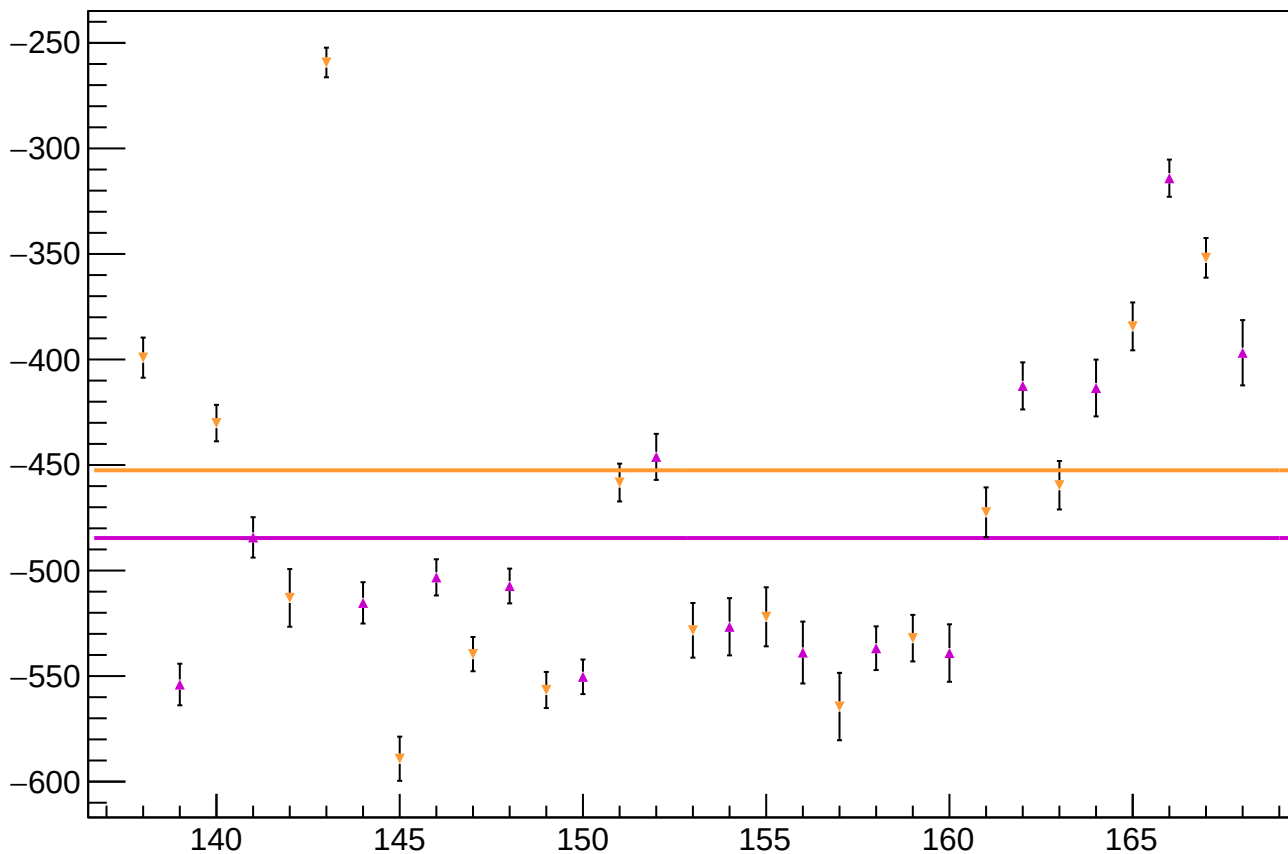
Left In: -1.173 ± 0.020 $\chi^2/\text{NDF}: 9043.5/14$

+ sign 0.909 ± 0.018 $\chi^2/\text{NDF}: 457235.0/32$

All: 0.229 ± 0.013 $\chi^2/\text{NDF}: 988581.6/66$

- sign -0.445 ± 0.018 $\chi^2/\text{NDF}: 528519.2/33$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -452.511+/-2.519 χ^2/NDF :1563.8/15

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

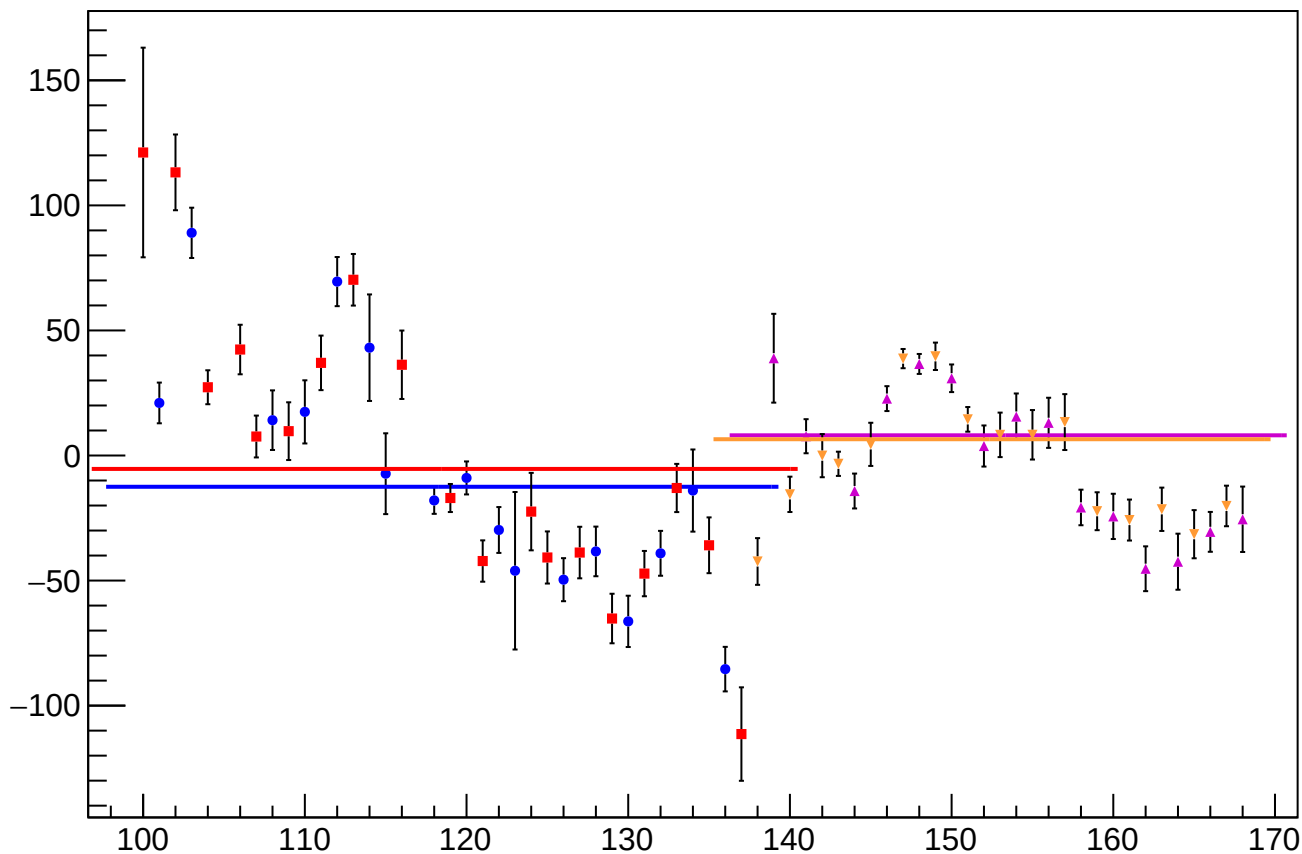
Left In: -484.603+/-2.685 χ^2/NDF :690.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -467.534+/-1.837 χ^2/NDF : 2329.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500 $\pm$ 2.311 χ^2/NDF : 341.1/16

Left Out: 6.508 $\pm$ 1.701 χ^2/NDF : 218.6/15

Right Out: -5.363 $\pm$ 2.264 χ^2/NDF : 344.6/18

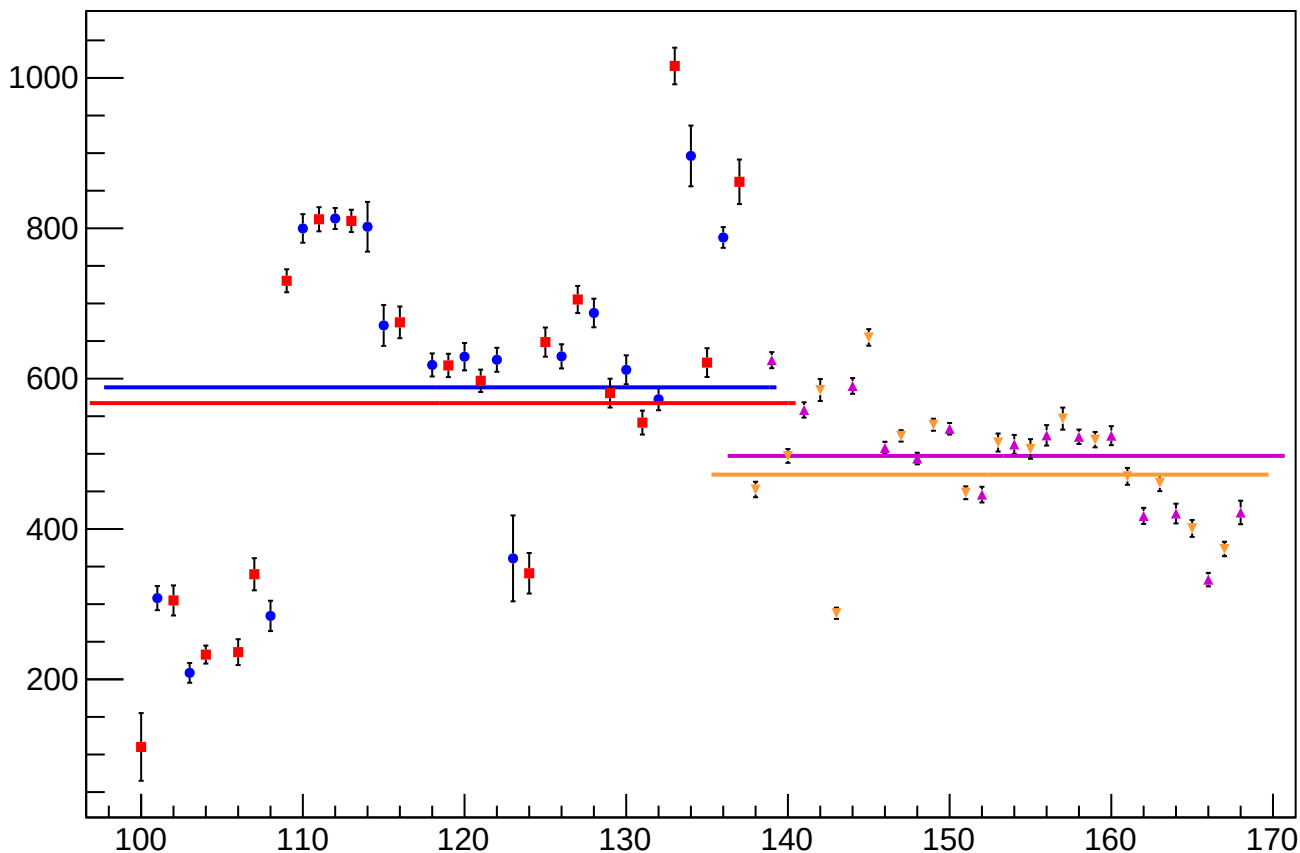
Left In: 8.075 $\pm$ 1.851 χ^2/NDF : 206.4/14

+ sign -0.171 $\pm$ 1.370 χ^2/NDF : 603.6/32

All: 1.195 $\pm$ 0.990 χ^2/NDF : 1177.7/66

- sign 2.691 $\pm$ 1.433 χ^2/NDF : 572.1/33

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 ± 4.320 $\chi^2/\text{NDF}: 2130.2/16$

Left Out: 472.302 ± 2.496 $\chi^2/\text{NDF}: 1286.3/15$

Right Out: 567.451 ± 4.137 $\chi^2/\text{NDF}: 2784.8/18$

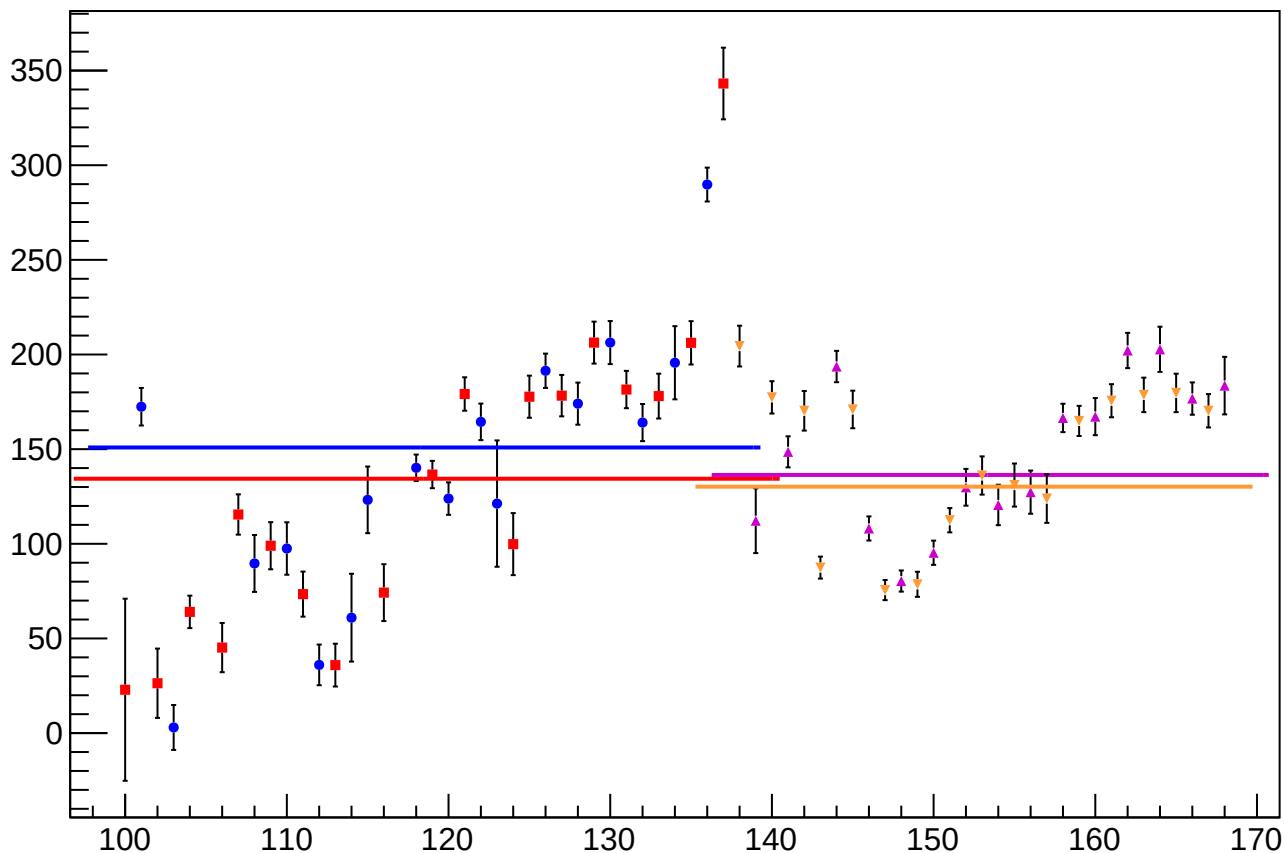
Left In: 497.219 ± 2.623 $\chi^2/\text{NDF}: 772.6/14$

+ sign 501.367 ± 2.162 $\chi^2/\text{NDF}: 3958.1/32$

All: 509.167 ± 1.547 $\chi^2/\text{NDF}: 7747.8/66$

- sign 517.360 ± 2.215 $\chi^2/\text{NDF}: 3763.0/33$

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 $\chi^2/\text{NDF}: 634.8/16$

Left Out: 130.184 ± 2.037 $\chi^2/\text{NDF}: 457.6/15$

Right Out: 134.381 ± 2.620 $\chi^2/\text{NDF}: 584.9/18$

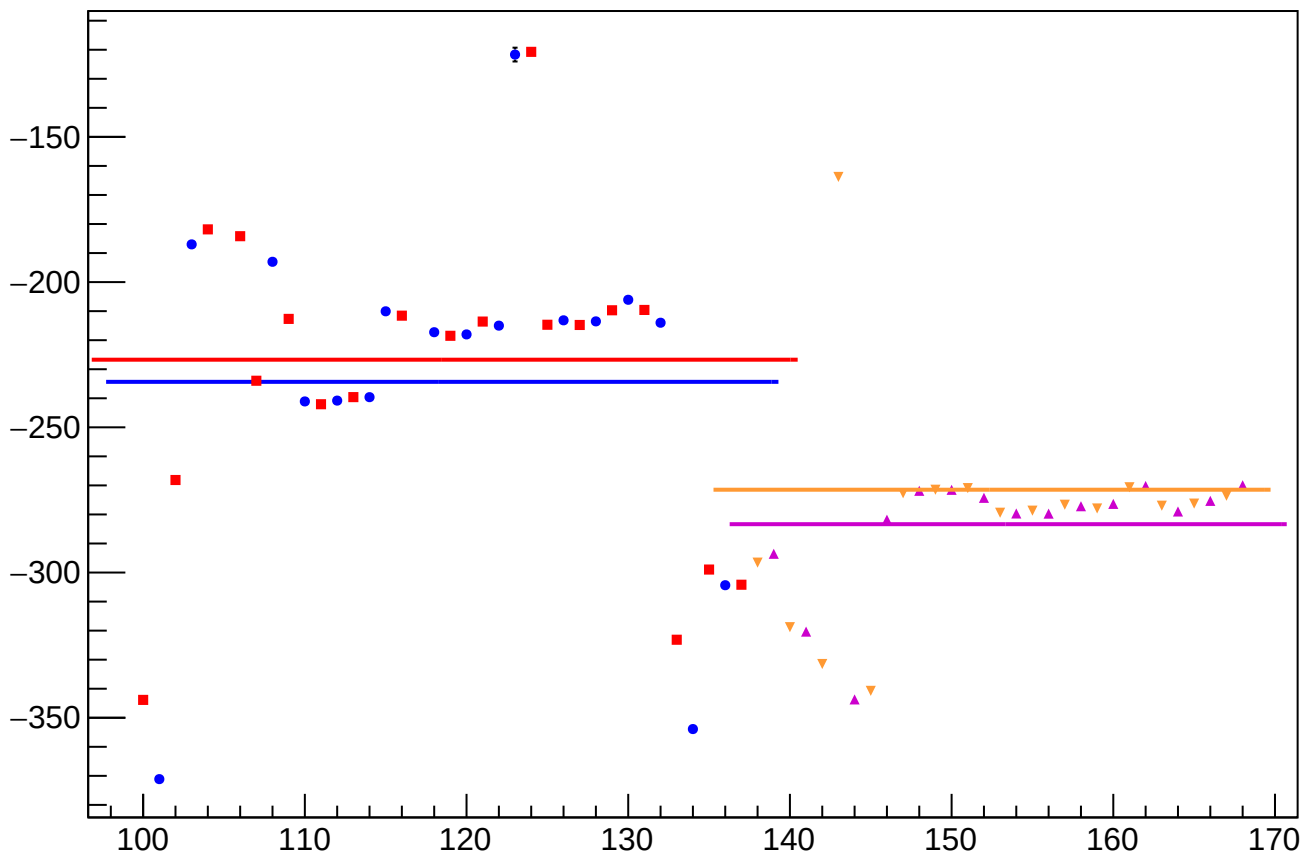
Left In: 136.372 ± 2.205 $\chi^2/\text{NDF}: 355.7/14$

+ sign 137.789 ± 1.620 $\chi^2/\text{NDF}: 1130.3/32$

All: 136.713 ± 1.169 $\chi^2/\text{NDF}: 2072.2/66$

- sign 135.546 ± 1.687 $\chi^2/\text{NDF}: 941.0/33$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341 ± 0.148 $\chi^2/\text{NDF}: 145165.1/16$

Left Out: -271.482 ± 0.101 $\chi^2/\text{NDF}: 183012.7/15$

Right Out: -226.716 ± 0.141 $\chi^2/\text{NDF}: 99440.4/18$

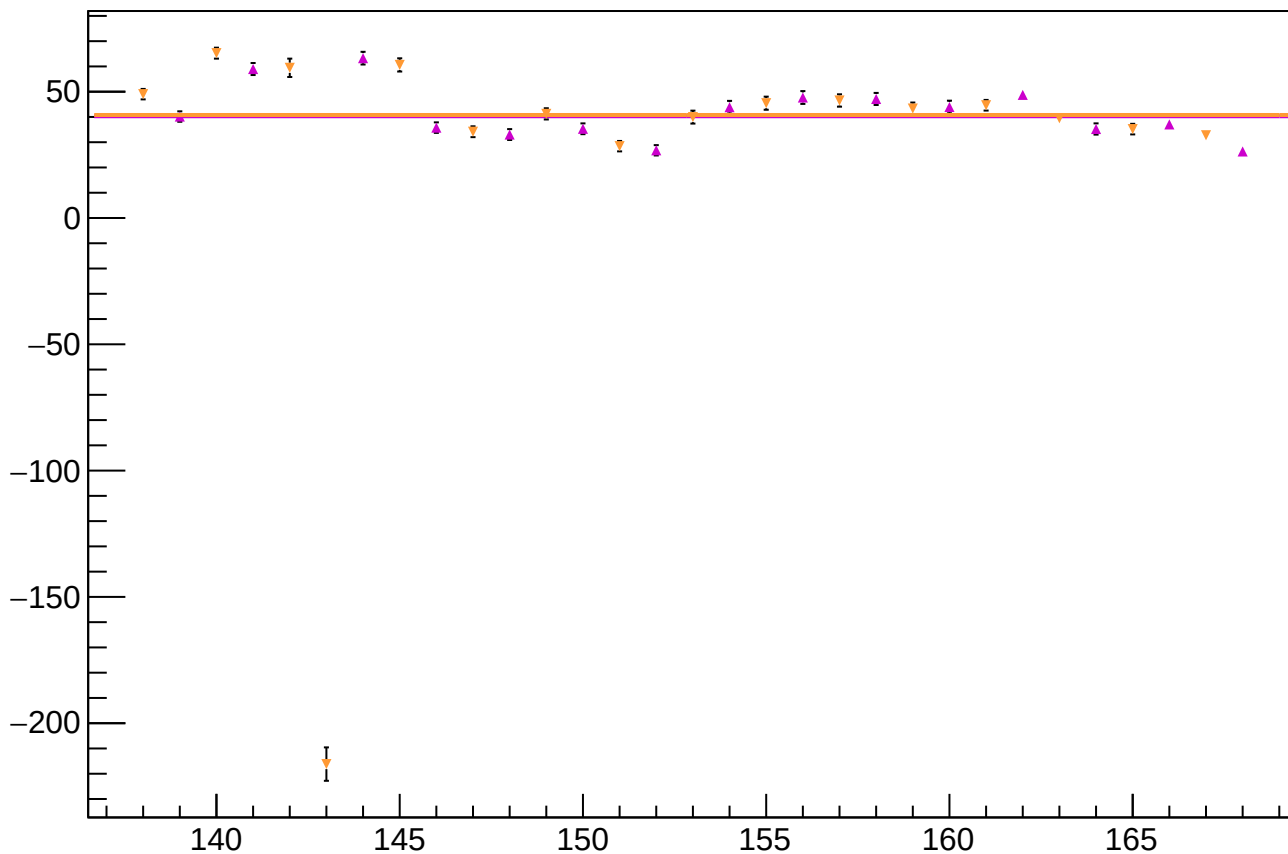
Left In: -283.348 ± 0.105 $\chi^2/\text{NDF}: 31777.6/14$

+ sign -259.761 ± 0.083 $\chi^2/\text{NDF}: 371102.9/32$

All: -261.415 ± 0.059 $\chi^2/\text{NDF}: 606329.7/66$

- sign -263.116 ± 0.084 $\chi^2/\text{NDF}: 234427.2/33$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 40.778+/-0.576 χ^2/NDF :1823.7/15

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

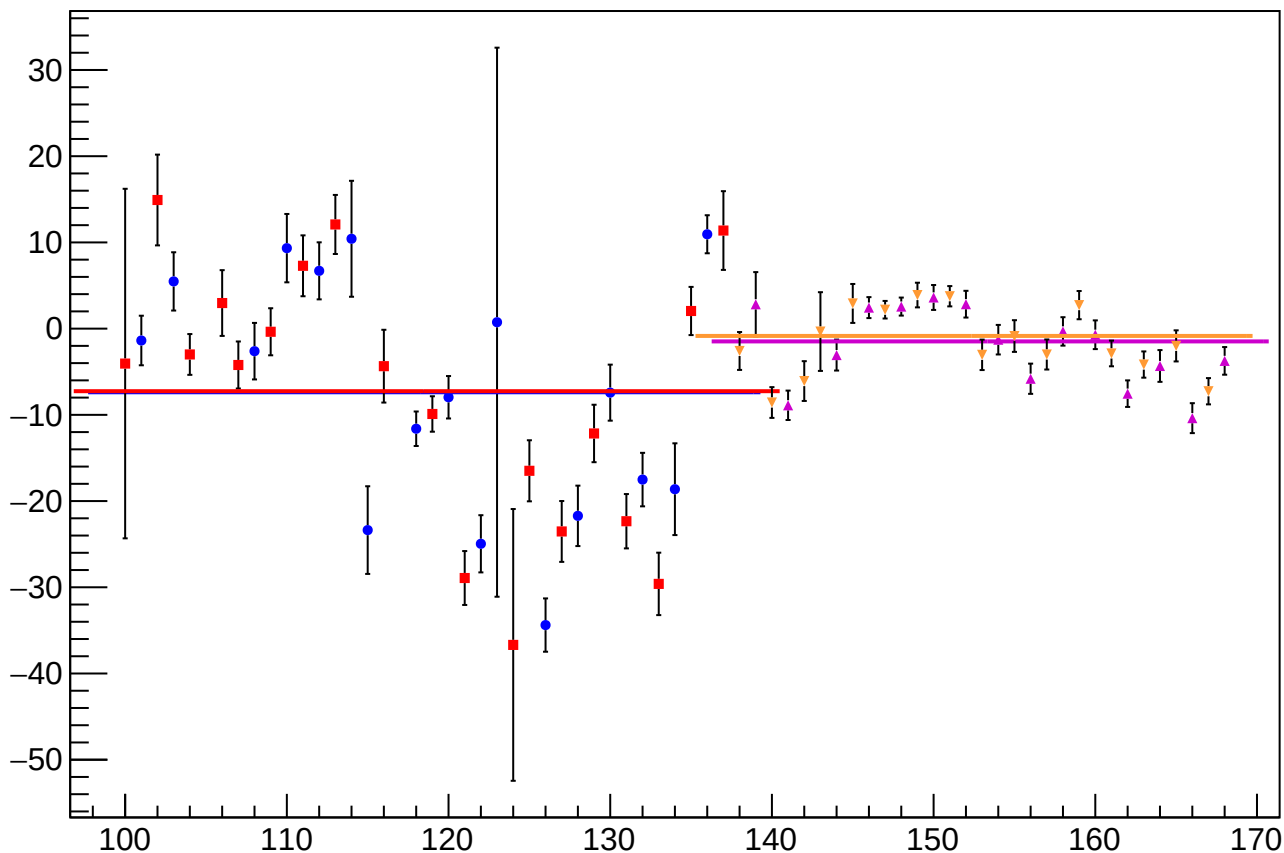
Left In: 40.284+/-0.563 χ^2/NDF :313.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.525+/-0.403 χ^2/NDF : 2137.0/30

- 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: -0.845 ± 0.406 χ^2/NDF : 95.1/15

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

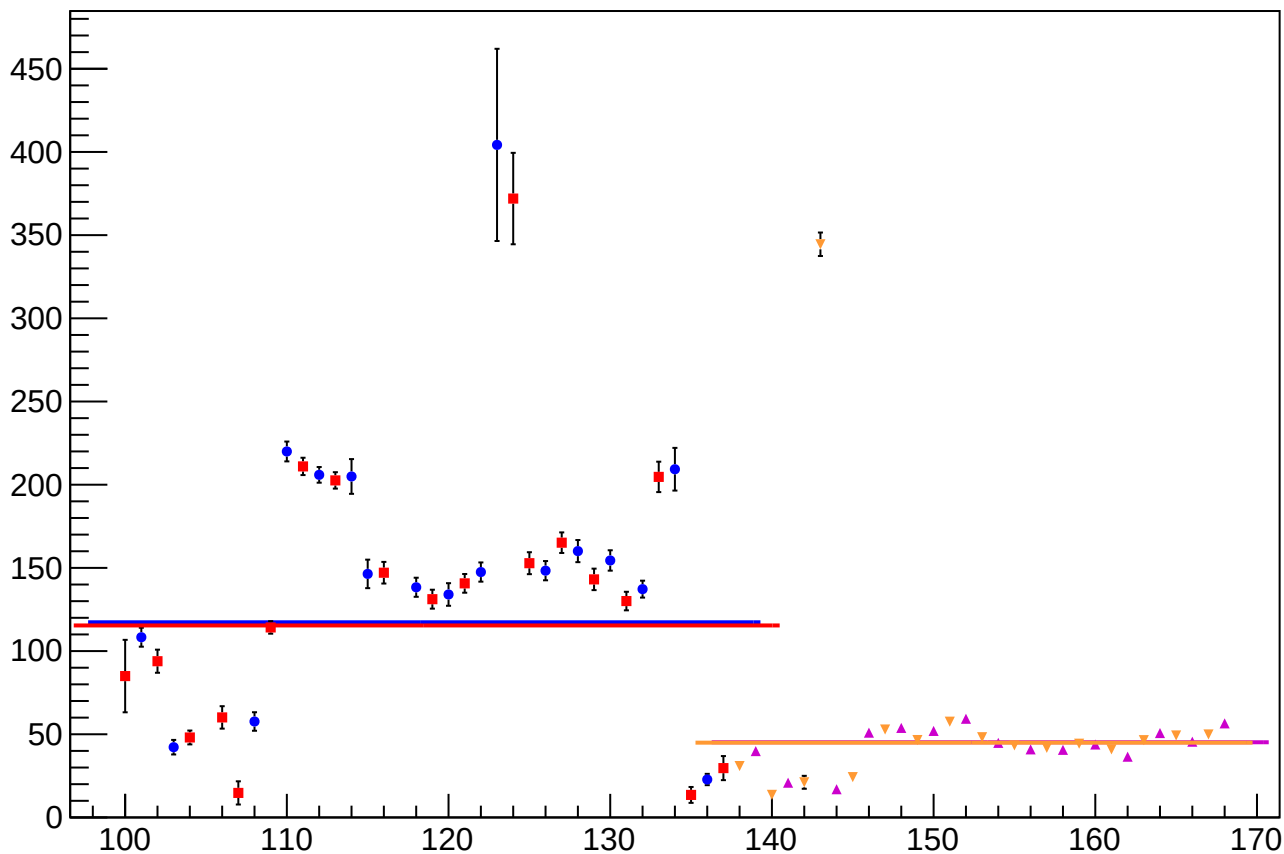
Left In: -1.483 ± 0.407 χ^2/NDF : 119.5/14

+ sign -2.243 ± 0.360 χ^2/NDF : 434.1/32

All: -2.504 ± 0.254 χ^2/NDF : 856.6/66

- sign -2.763 ± 0.359 χ^2/NDF : 421.5/33

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 44.956 $\pm$ 0.564 χ^2 /NDF:2197.9/15

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

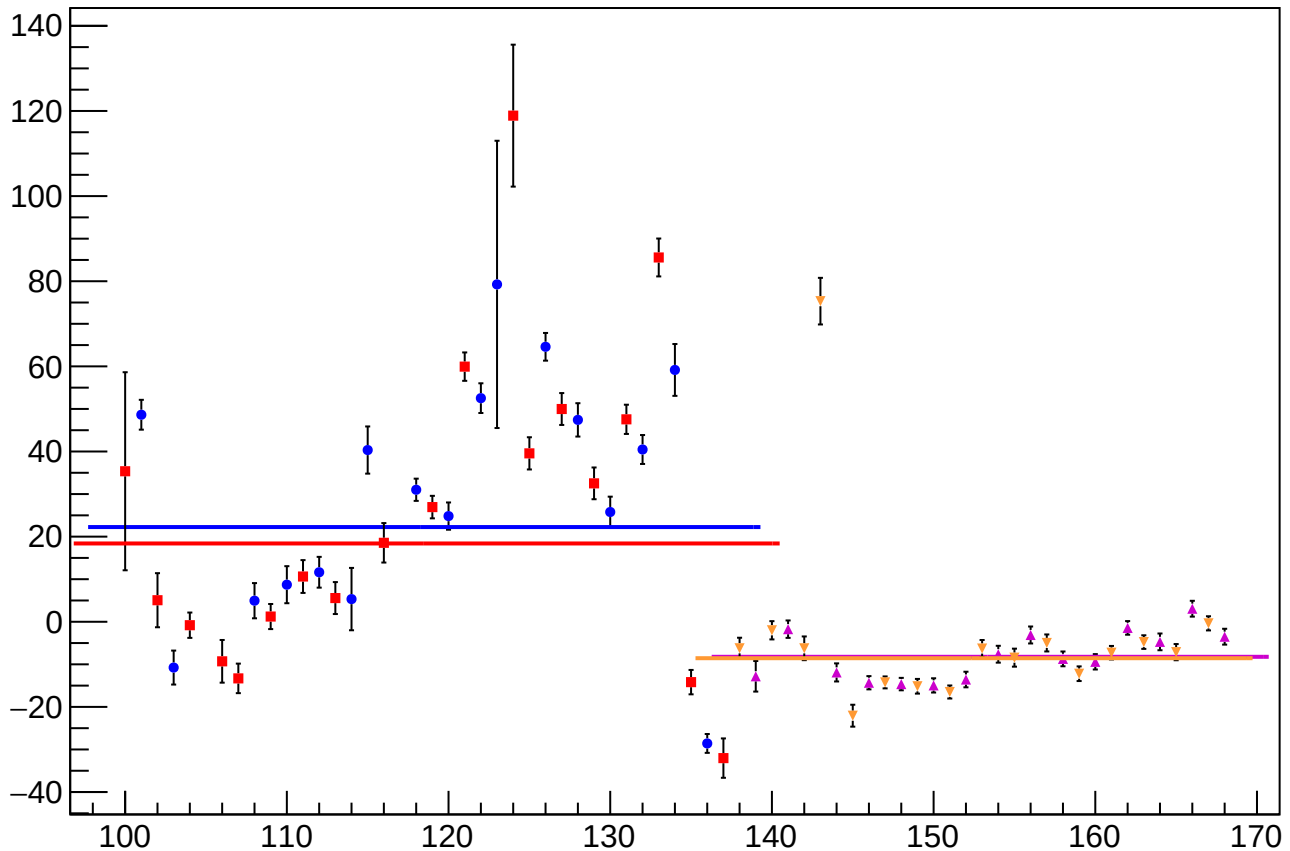
Left In: 45.198 $\pm$ 0.550 χ^2 /NDF:370.1/14

+ sign 54.955 $\pm$ 0.524 χ^2 /NDF: 6632.6/32

All: 55.015 $\pm$ 0.365 χ^2 /NDF: 11441.2/66

- sign 55.071 $\pm$ 0.510 χ^2 /NDF: 4808.7/33

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -8.560 $\pm$ 0.474 χ^2 /NDF:371.0/15

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

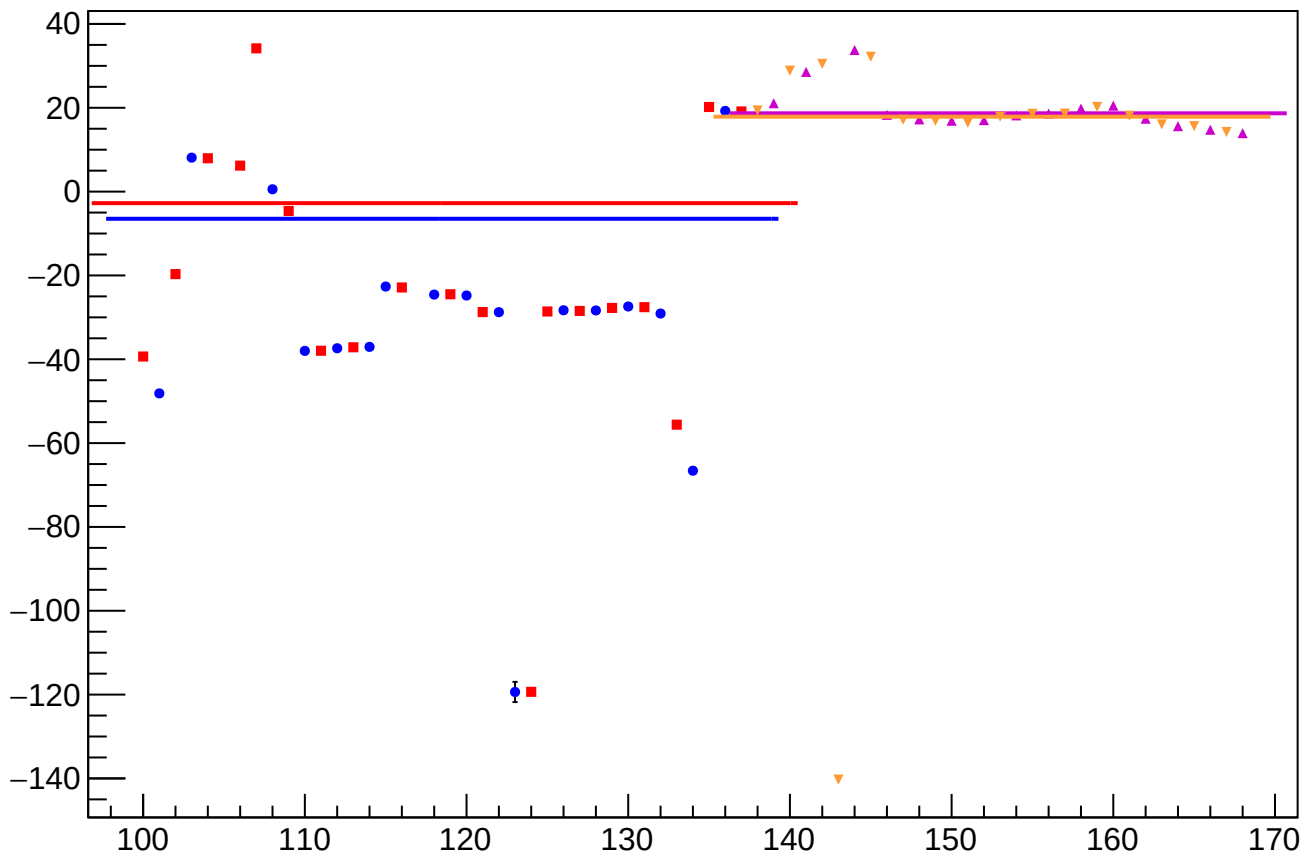
Left In: -8.231 $\pm$ 0.474 χ^2 /NDF:145.6/14

+ sign -1.739 $\pm$ 0.418 χ^2 /NDF: 2377.4/32

All: -1.945 $\pm$ 0.295 χ^2 /NDF: 4320.2/66

- sign -2.149 $\pm$ 0.417 χ^2 /NDF: 1942.4/33

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482+/-0.046 χ^2/NDF : 265804.1/16

Left Out: 17.878+/-0.022 χ^2/NDF : 353856.1/15

Right Out: -2.751+/-0.046 χ^2/NDF : 266291.4/18

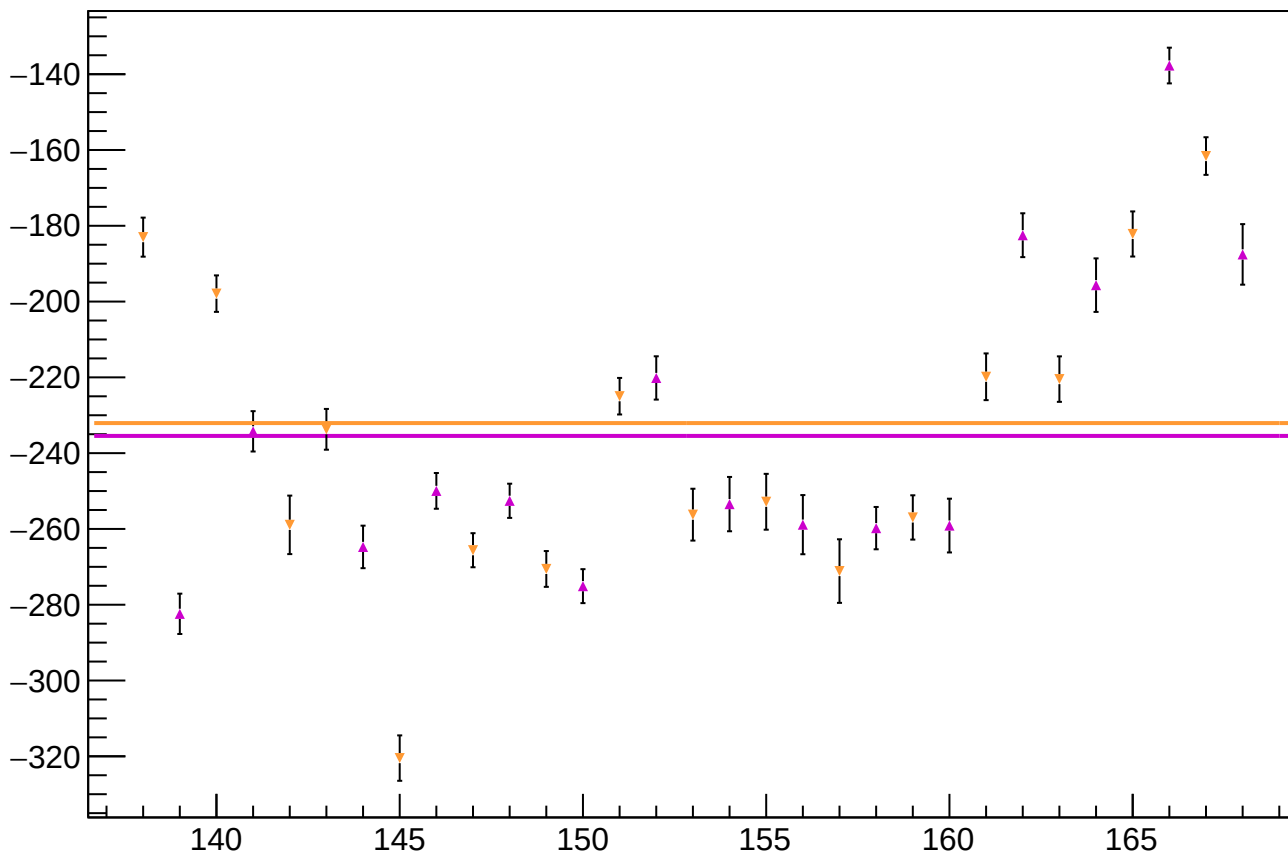
Left In: 18.680+/-0.022 χ^2/NDF : 36470.8/14

+ sign 13.297+/-0.020 χ^2/NDF : 845767.2/32

All: 14.037+/-0.014 χ^2/NDF : 1330891.4/66

- sign 14.744+/-0.020 χ^2/NDF : 482454.4/33

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -232.064+/-1.409 χ^2/NDF : 834.9/15

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

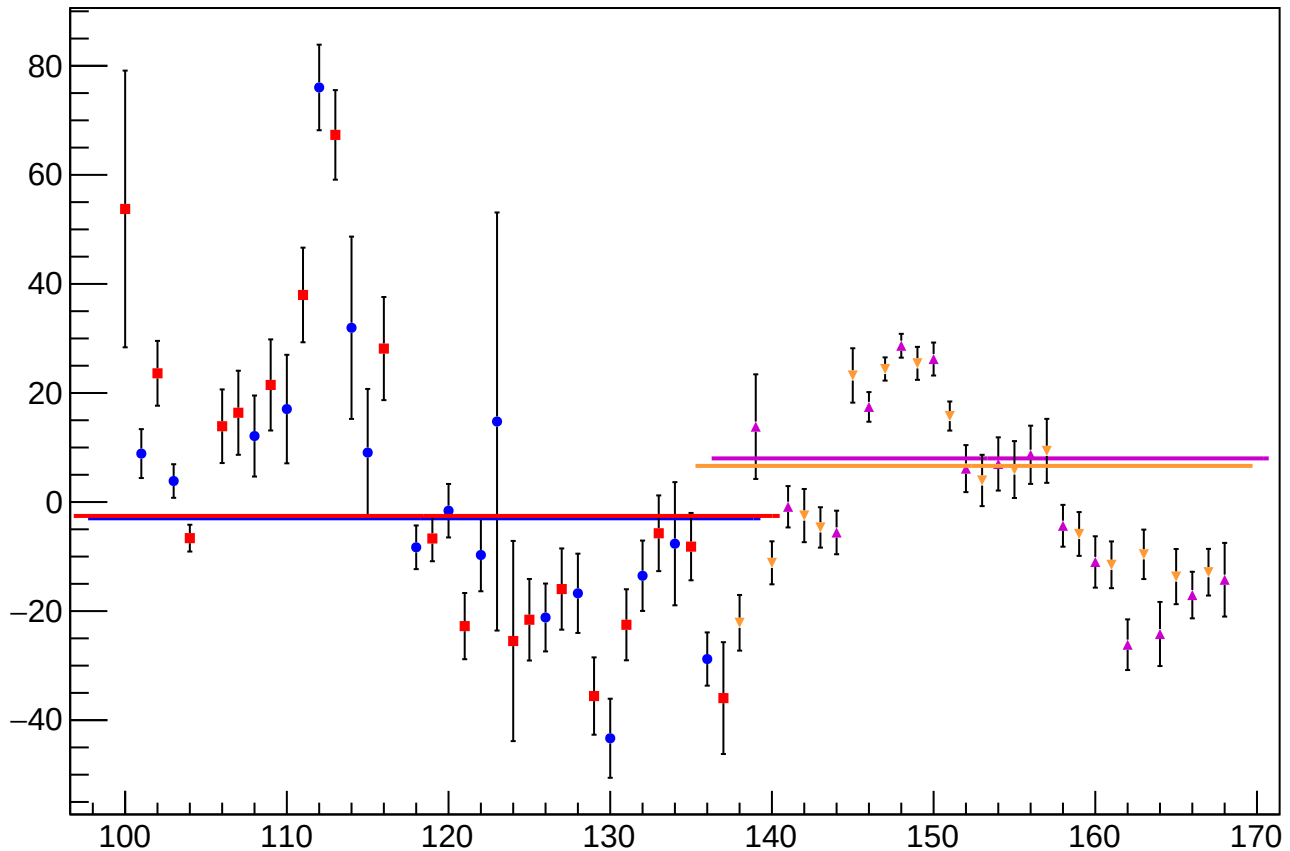
Left In: -235.451+/-1.451 χ^2/NDF : 841.3/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.709+/-1.011 χ^2/NDF : 1679.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: 6.629 ± 0.954 χ^2/NDF : 273.7/15

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

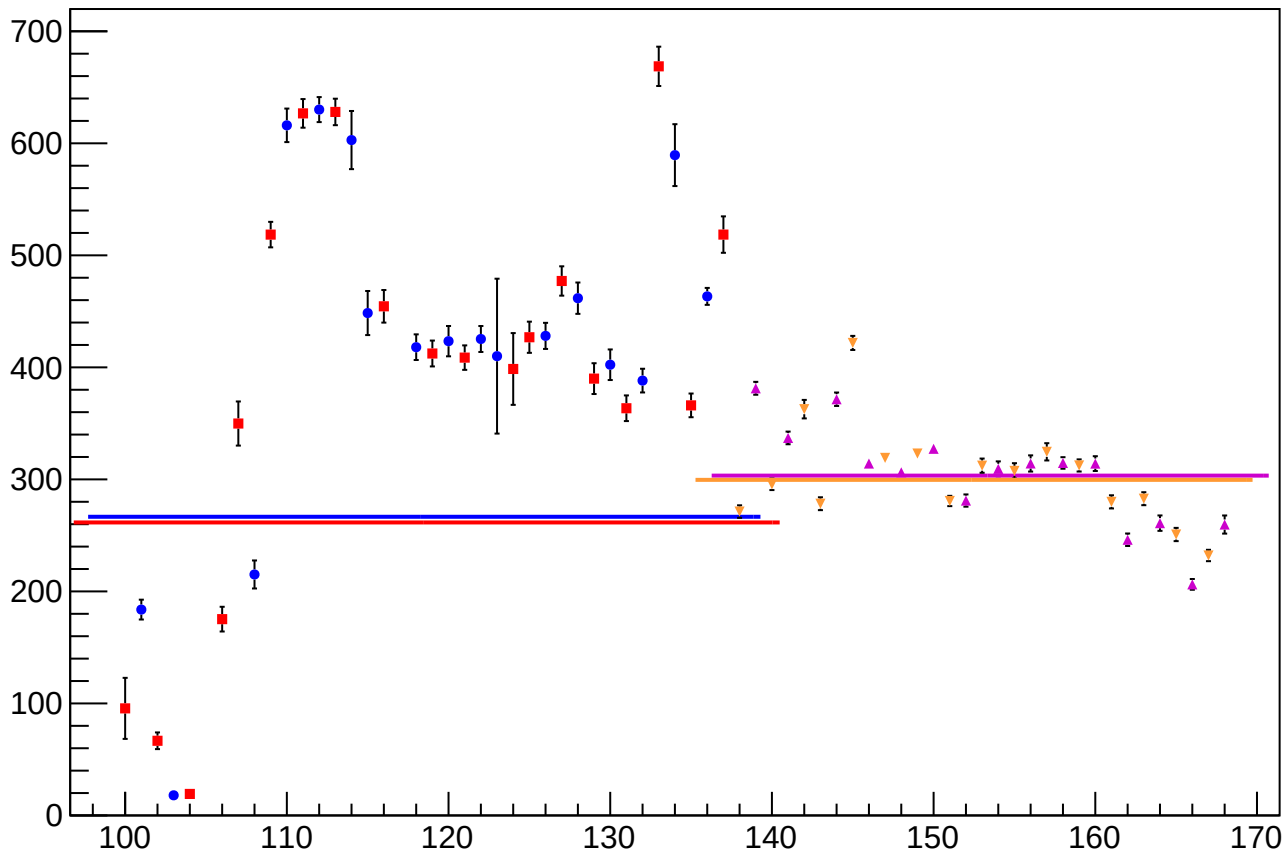
Left In: 8.003 ± 1.004 χ^2/NDF : 311.3/14

+ sign 3.725 ± 0.797 χ^2/NDF : 508.2/32

All: 4.063 ± 0.570 χ^2/NDF : 1075.6/66

- sign 4.417 ± 0.815 χ^2/NDF : 567.0/33

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 299.573 $\pm$ 1.389 χ^2 /NDF:828.2/15

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

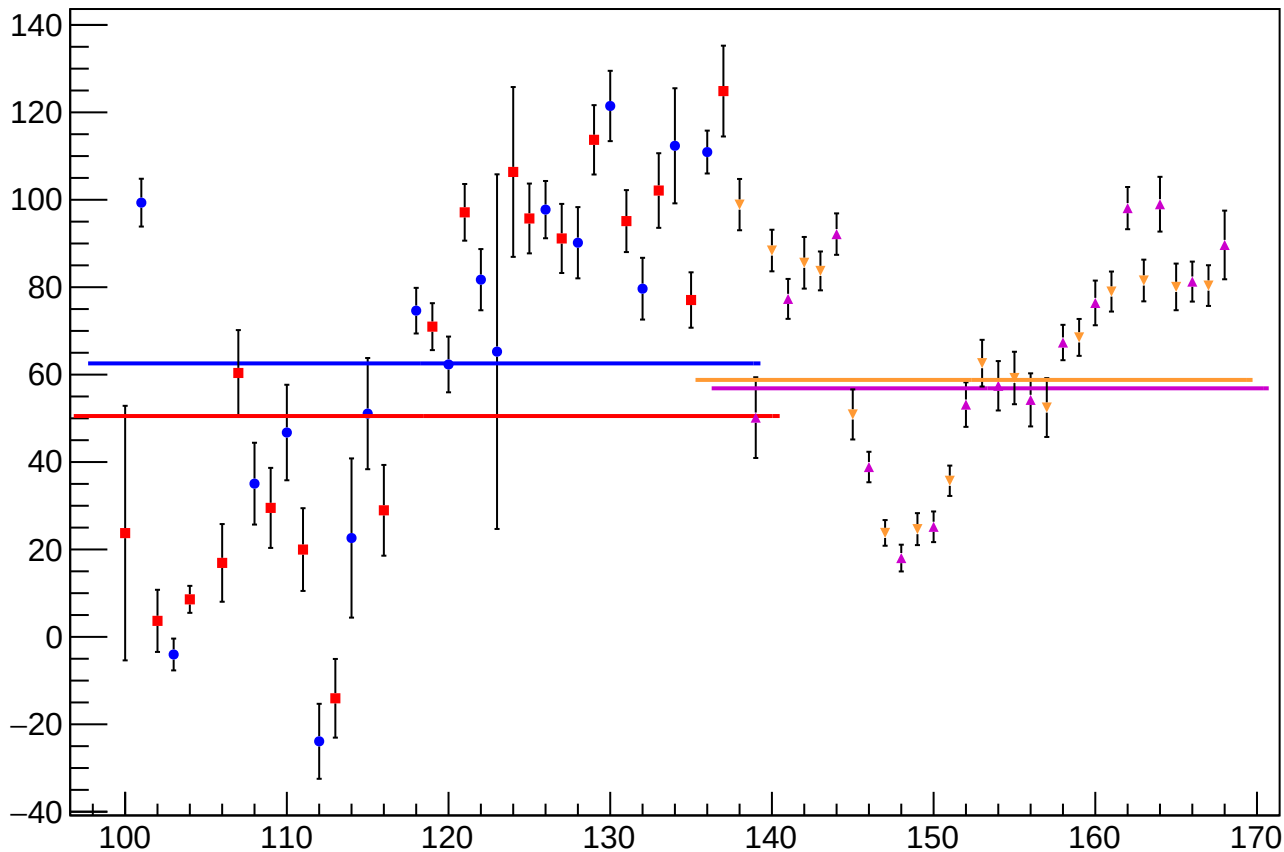
Left In: 303.359 $\pm$ 1.416 χ^2 /NDF:995.2/14

+ sign 291.694 $\pm$ 1.211 χ^2 /NDF: 8625.5/32

All: 292.310 $\pm$ 0.862 χ^2 /NDF: 18046.6/66

- sign 292.942 $\pm$ 1.227 χ^2 /NDF: 9420.6/33

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 ± 1.678 χ^2/NDF : 722.4/16

Left Out: 58.789 ± 1.139 χ^2/NDF : 498.9/15

Right Out: 50.526 ± 1.643 χ^2/NDF : 657.0/18

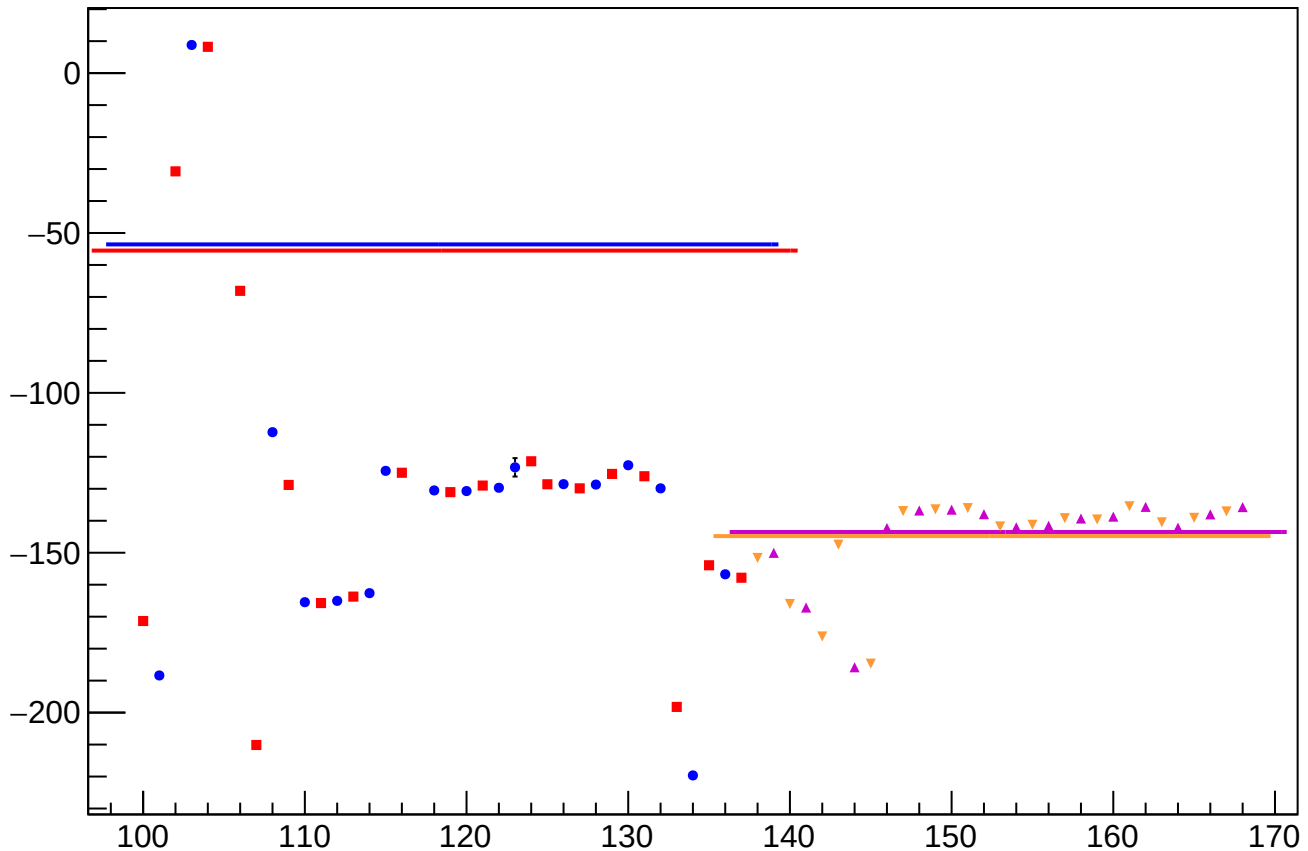
Left In: 56.865 ± 1.193 χ^2/NDF : 531.4/14

+ sign 59.981 ± 0.943 χ^2/NDF : 1224.8/32

All: 57.392 ± 0.674 χ^2/NDF : 2438.4/66

- sign 54.679 ± 0.965 χ^2/NDF : 1198.2/33

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -144.804 ± 0.056 χ^2/NDF : 55835.3/15

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

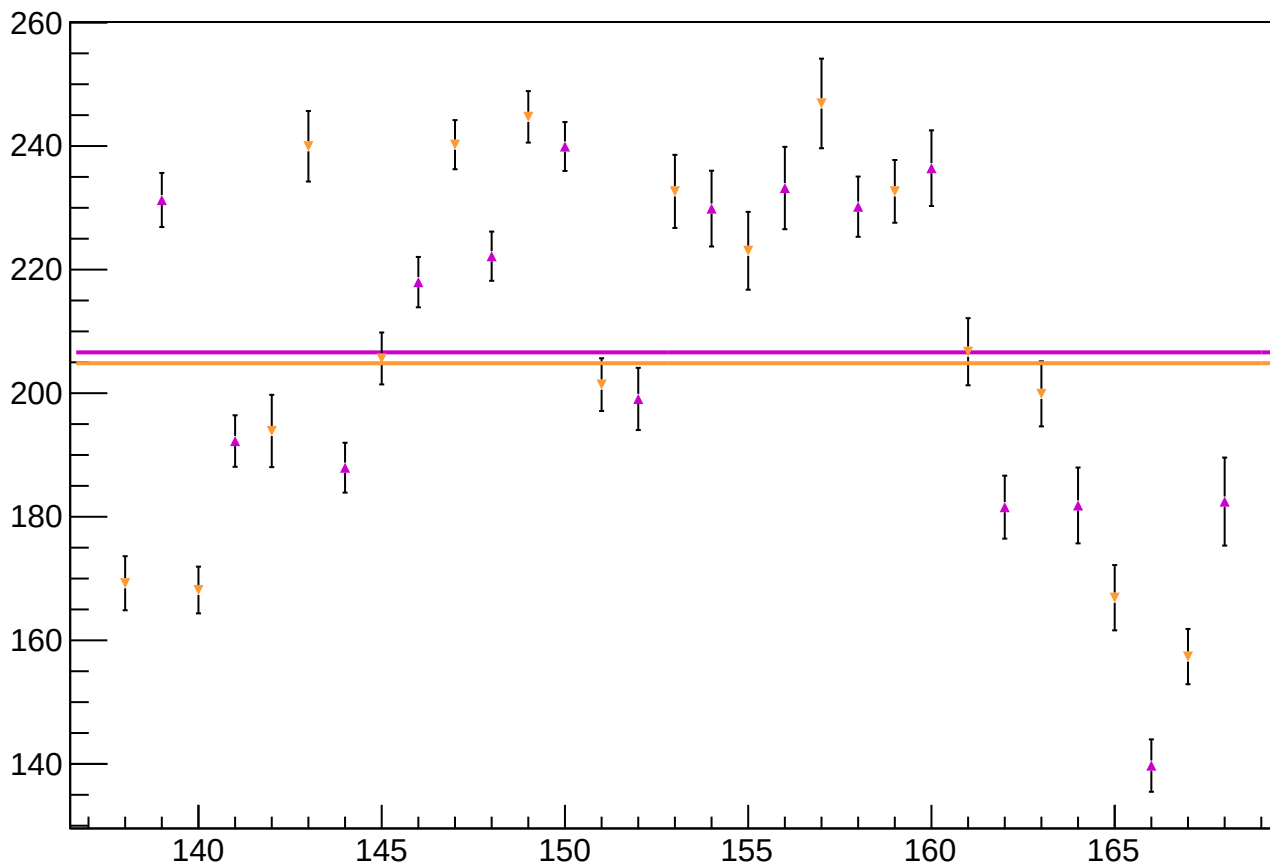
Left In: -143.519 ± 0.057 χ^2/NDF : 44813.3/14

+ sign -109.468 ± 0.044 χ^2/NDF : 2318846.9/32

All: -109.607 ± 0.031 χ^2/NDF : 4256778.9/66

- sign -109.751 ± 0.045 χ^2/NDF : 1937911.5/33

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 204.852 $\pm$ 1.211 χ^2 /NDF:632.2/15

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

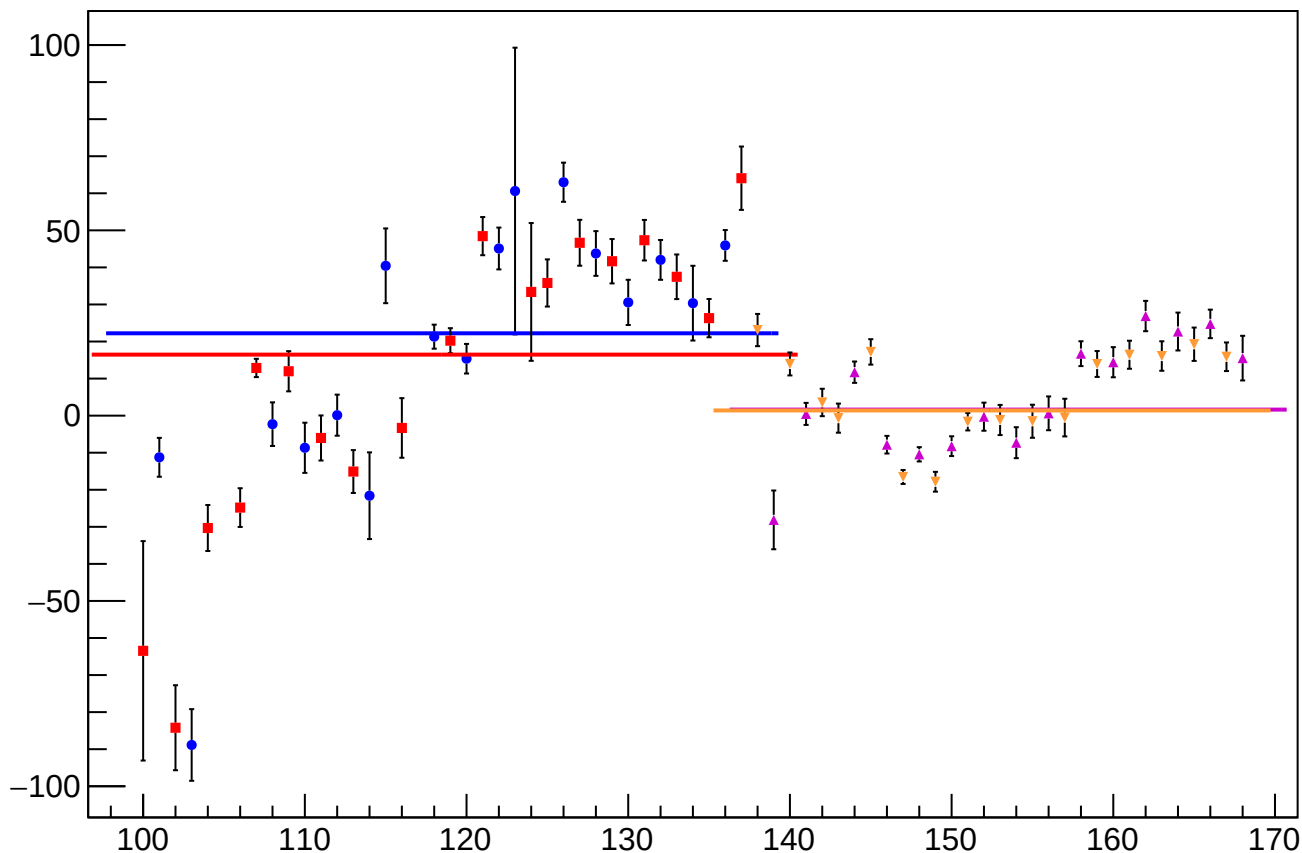
Left In: 206.607 $\pm$ 1.235 χ^2 /NDF:538.9/14

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

All: 205.712 $\pm$ 0.865 χ^2 /NDF: 1172.1/30

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

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 ± 1.374 $\chi^2/\text{NDF}: 385.6/16$

Left Out: 1.404 ± 0.827 $\chi^2/\text{NDF}: 280.5/15$

Right Out: 16.466 ± 1.230 $\chi^2/\text{NDF}: 425.9/18$

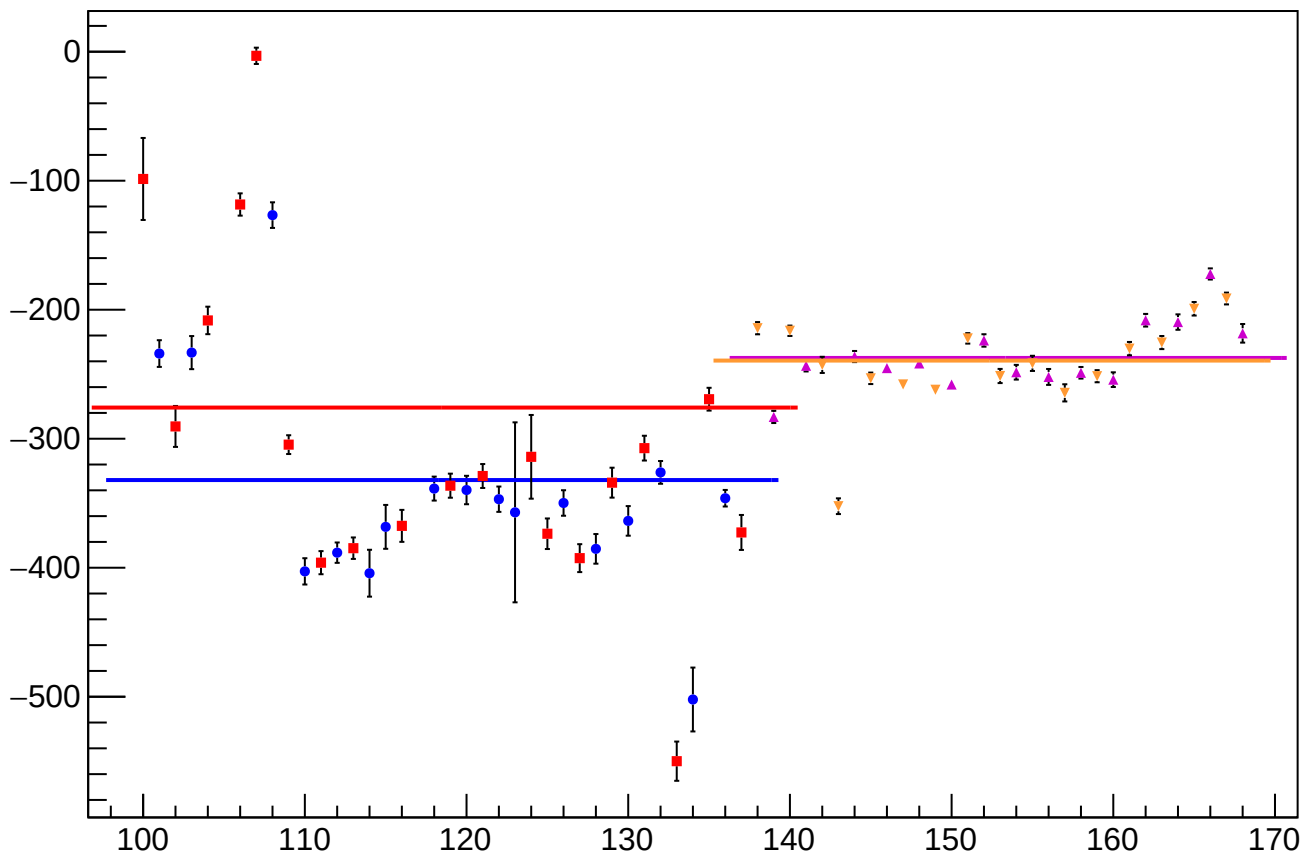
Left In: 1.631 ± 0.860 $\chi^2/\text{NDF}: 226.6/14$

+ sign 6.939 ± 0.708 $\chi^2/\text{NDF}: 834.7/32$

All: 6.721 ± 0.500 $\chi^2/\text{NDF}: 1585.1/66$

- sign 6.505 ± 0.705 $\chi^2/\text{NDF}: 750.2/33$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -239.421 ± 1.197 χ^2/NDF : 695.0/15

Right Out: -275.853 ± 2.324 χ^2/NDF : 3362.8/18

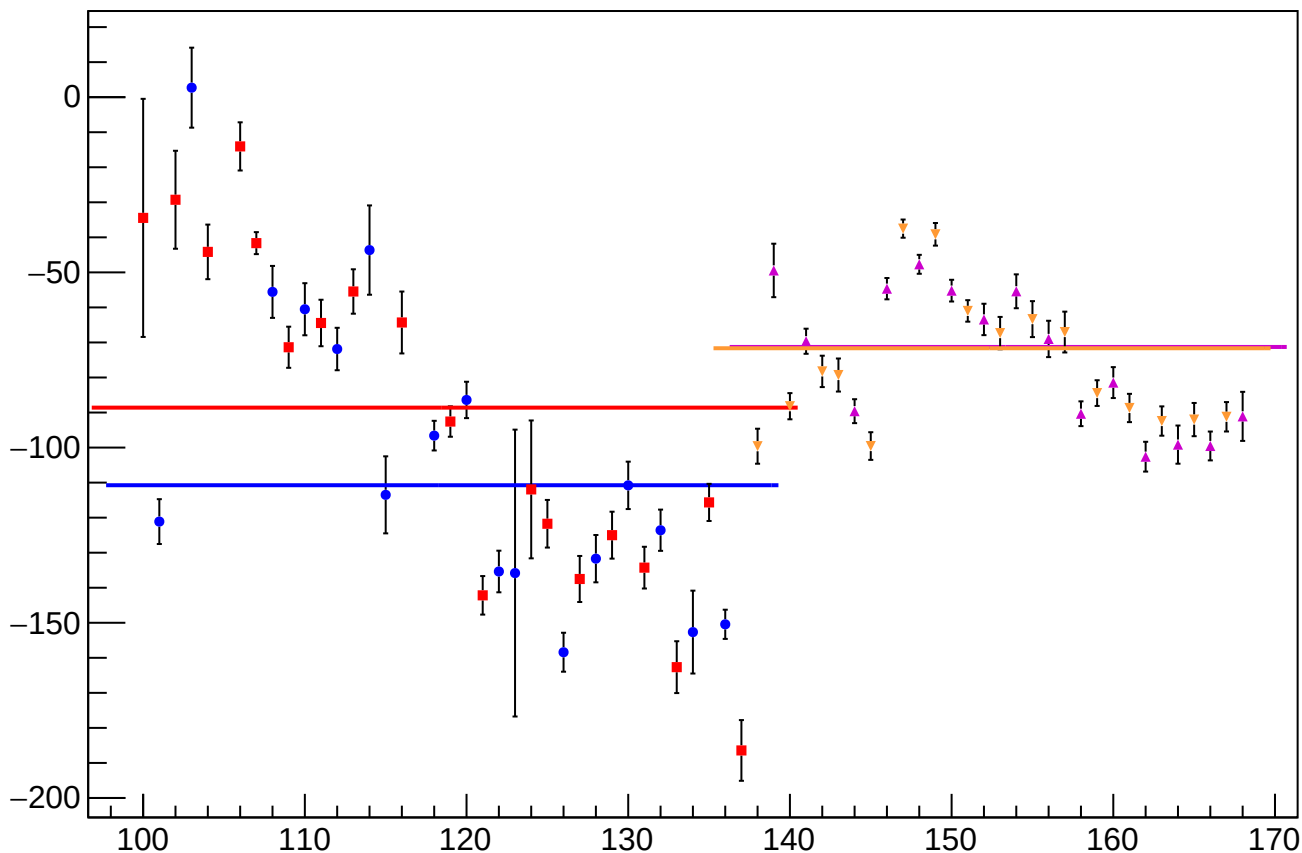
Left In: -237.382 ± 1.211 χ^2/NDF : 455.3/14

+ sign -256.026 ± 1.085 χ^2/NDF : 2552.5/32

All: -250.757 ± 0.763 χ^2/NDF : 6632.8/66

- sign -245.594 ± 1.074 χ^2/NDF : 4033.6/33

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -71.654 ± 0.986 χ^2/NDF : 490.9/15

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

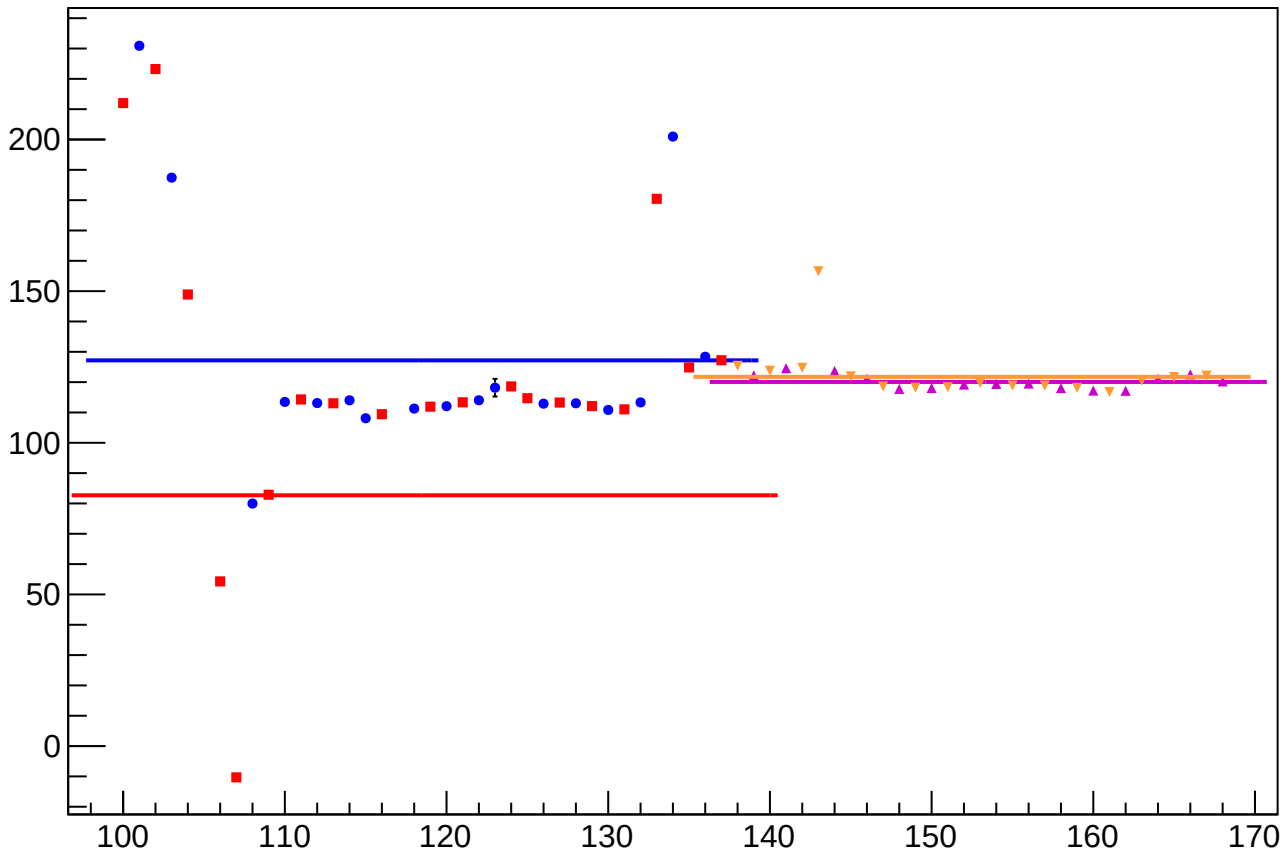
Left In: -71.284 ± 1.021 χ^2/NDF : 354.2/14

+ sign -82.628 ± 0.836 χ^2/NDF : 1445.9/32

All: -79.853 ± 0.590 χ^2/NDF : 2888.5/66

- sign -77.105 ± 0.832 χ^2/NDF : 1420.6/33

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 121.743 $\pm$ 0.048 χ^2 /NDF: 23678.4/15

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

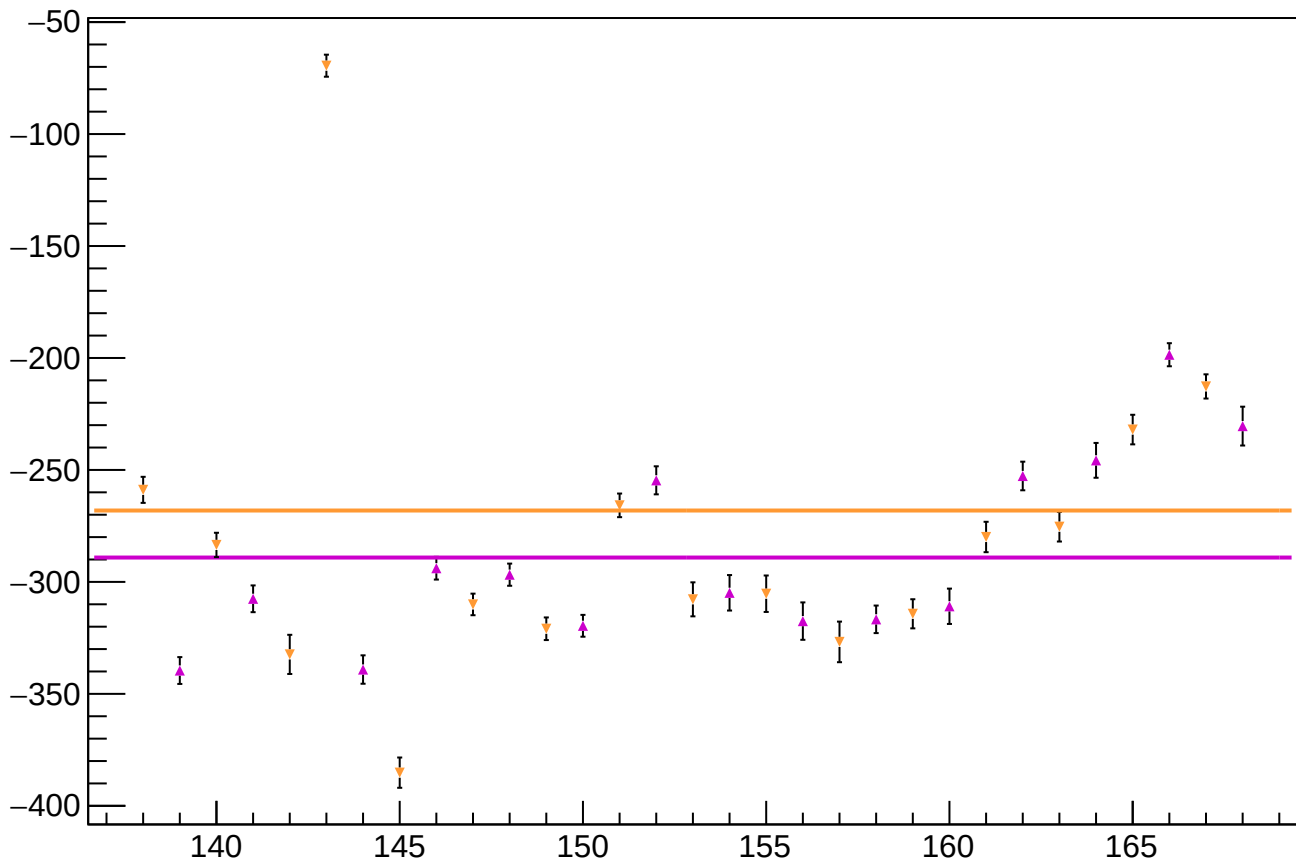
Left In: 120.059 $\pm$ 0.049 χ^2 /NDF: 2383.4/14

+ sign 122.972 $\pm$ 0.042 χ^2 /NDF: 214615.2/32

All: 115.775 $\pm$ 0.029 χ^2 /NDF: 1212538.4/66

- sign 109.097 $\pm$ 0.041 χ^2 /NDF: 942204.9/33

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -268.119+/-1.529 χ^2/NDF : 2456.6/15

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

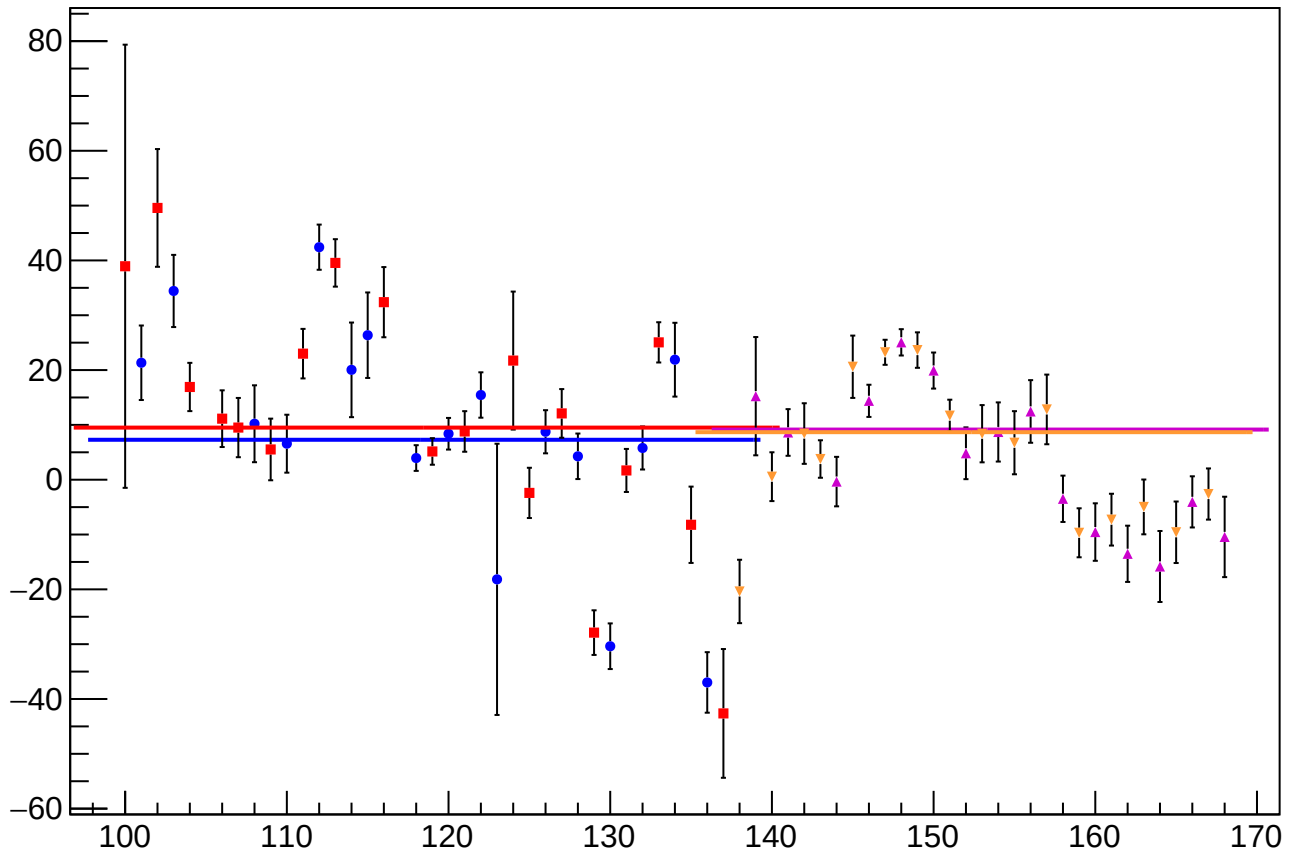
Left In: -289.123+/-1.596 χ^2/NDF : 676.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.174+/-1.104 χ^2/NDF : 3223.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284 $\pm$ 1.084 χ^2/NDF : 261.0/16

Left Out: 8.672 $\pm$ 1.032 χ^2/NDF : 151.0/15

Right Out: 9.505 $\pm$ 1.074 χ^2/NDF : 231.5/18

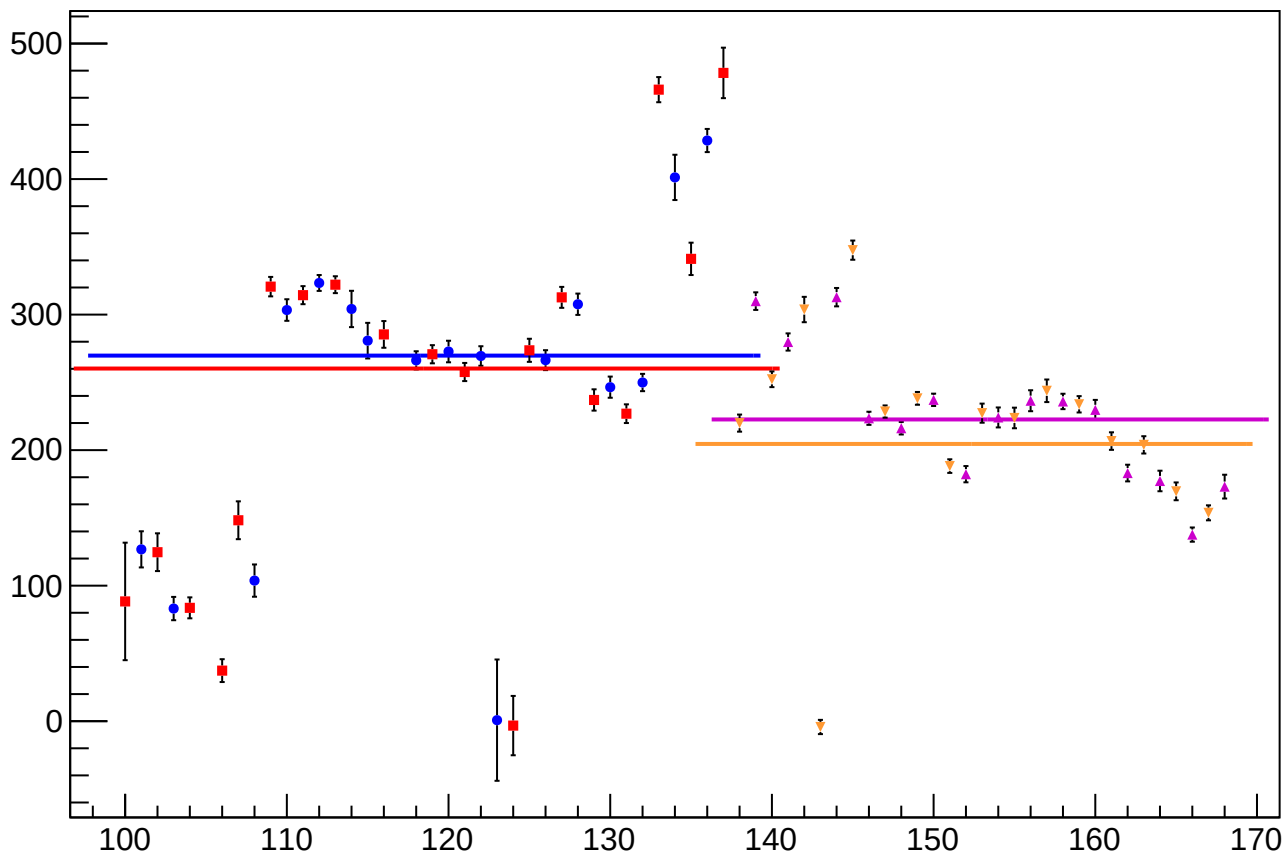
Left In: 9.146 $\pm$ 1.102 χ^2/NDF : 134.9/14

+ sign 8.012 $\pm$ 0.747 χ^2/NDF : 412.8/32

All: 8.652 $\pm$ 0.536 χ^2/NDF : 780.9/66

- sign 9.330 $\pm$ 0.769 χ^2/NDF : 366.5/33

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 ± 2.071 $\chi^2/\text{NDF}: 1374.1/16$

Left Out: 204.567 ± 1.508 $\chi^2/\text{NDF}: 2437.5/15$

Right Out: 260.206 ± 1.978 $\chi^2/\text{NDF}: 2541.6/18$

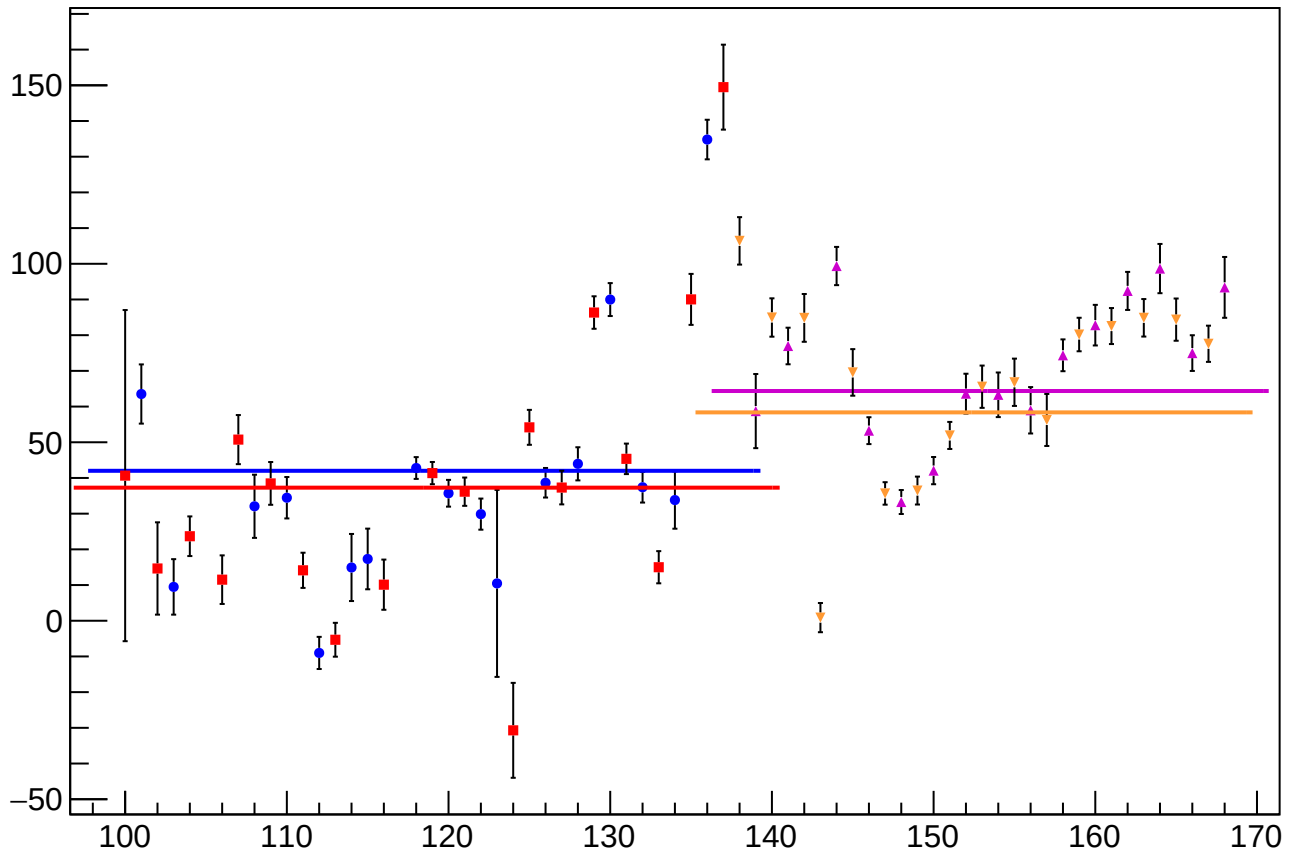
Left In: 222.635 ± 1.556 $\chi^2/\text{NDF}: 876.8/14$

+ sign 227.139 ± 1.219 $\chi^2/\text{NDF}: 4458.9/32$

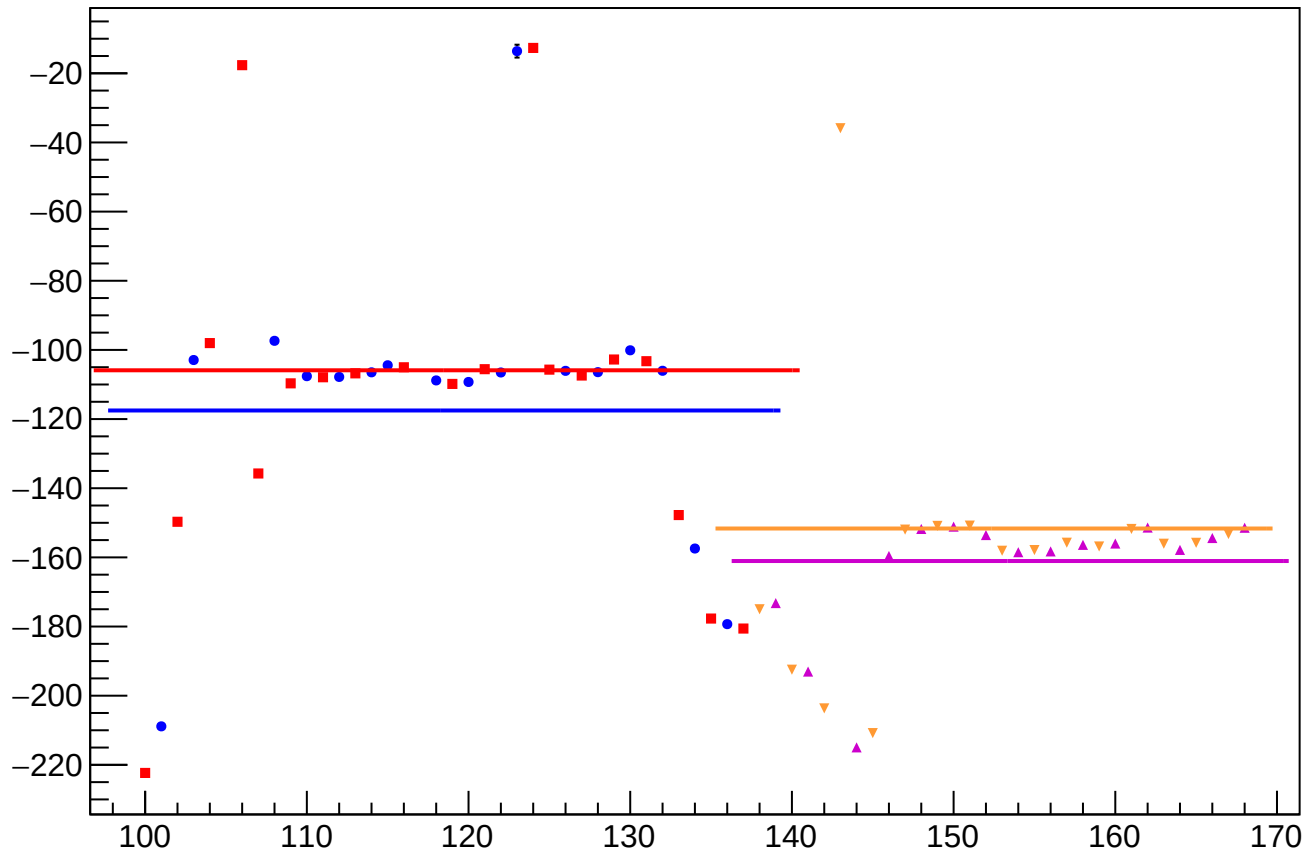
All: 232.052 ± 0.863 $\chi^2/\text{NDF}: 8132.8/66$

- sign 236.998 ± 1.223 $\chi^2/\text{NDF}: 3641.3/33$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516 ± 0.078 χ^2/NDF : 142016.6/16

Left Out: -151.650 ± 0.061 χ^2/NDF : 403935.3/15

Right Out: -105.892 ± 0.073 χ^2/NDF : 324304.4/18

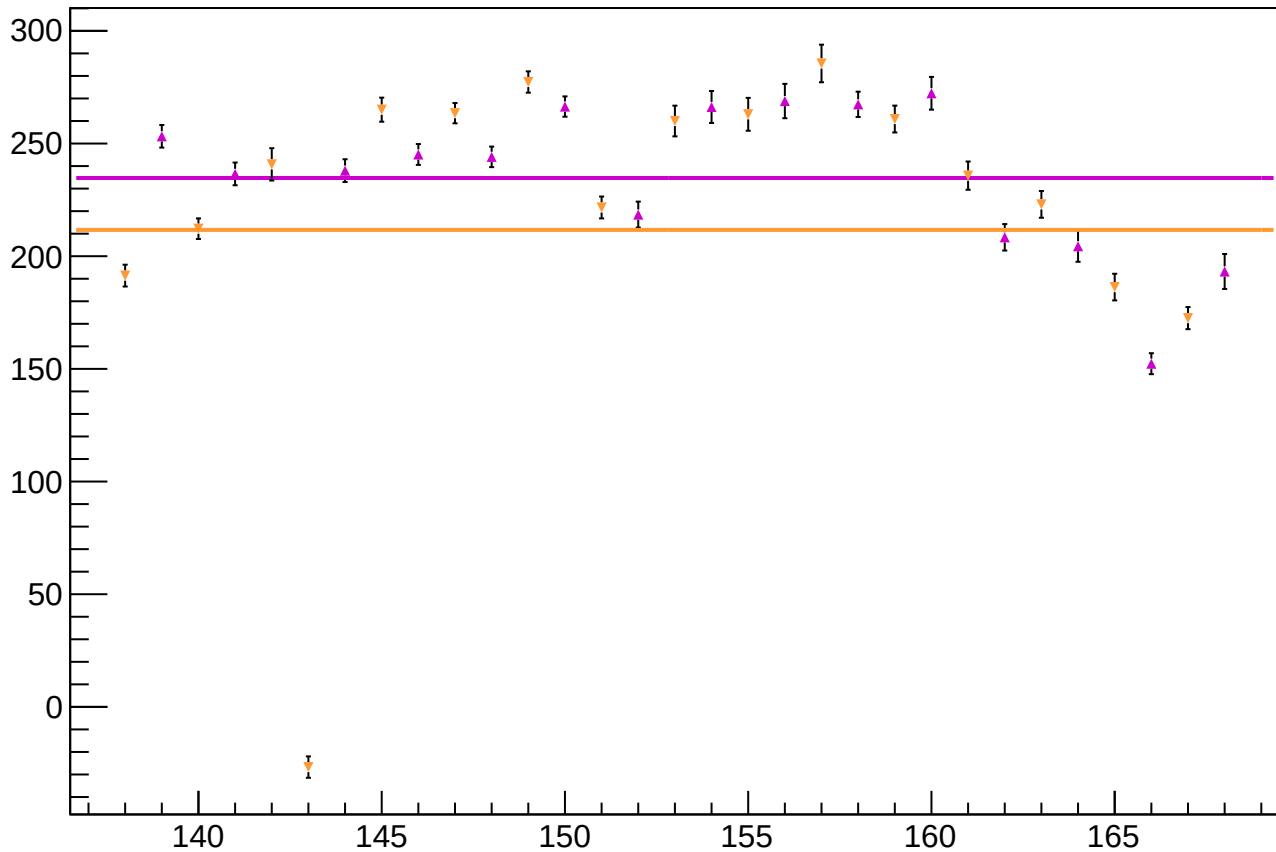
Left In: -161.053 ± 0.062 χ^2/NDF : 61462.1/14

+ sign -138.777 ± 0.048 χ^2/NDF : 665234.2/32

All: -138.231 ± 0.034 χ^2/NDF : 1382281.7/66

- sign -137.697 ± 0.047 χ^2/NDF : 716790.1/33

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 211.675+/-1.370 χ^2/NDF : 3324.0/15

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

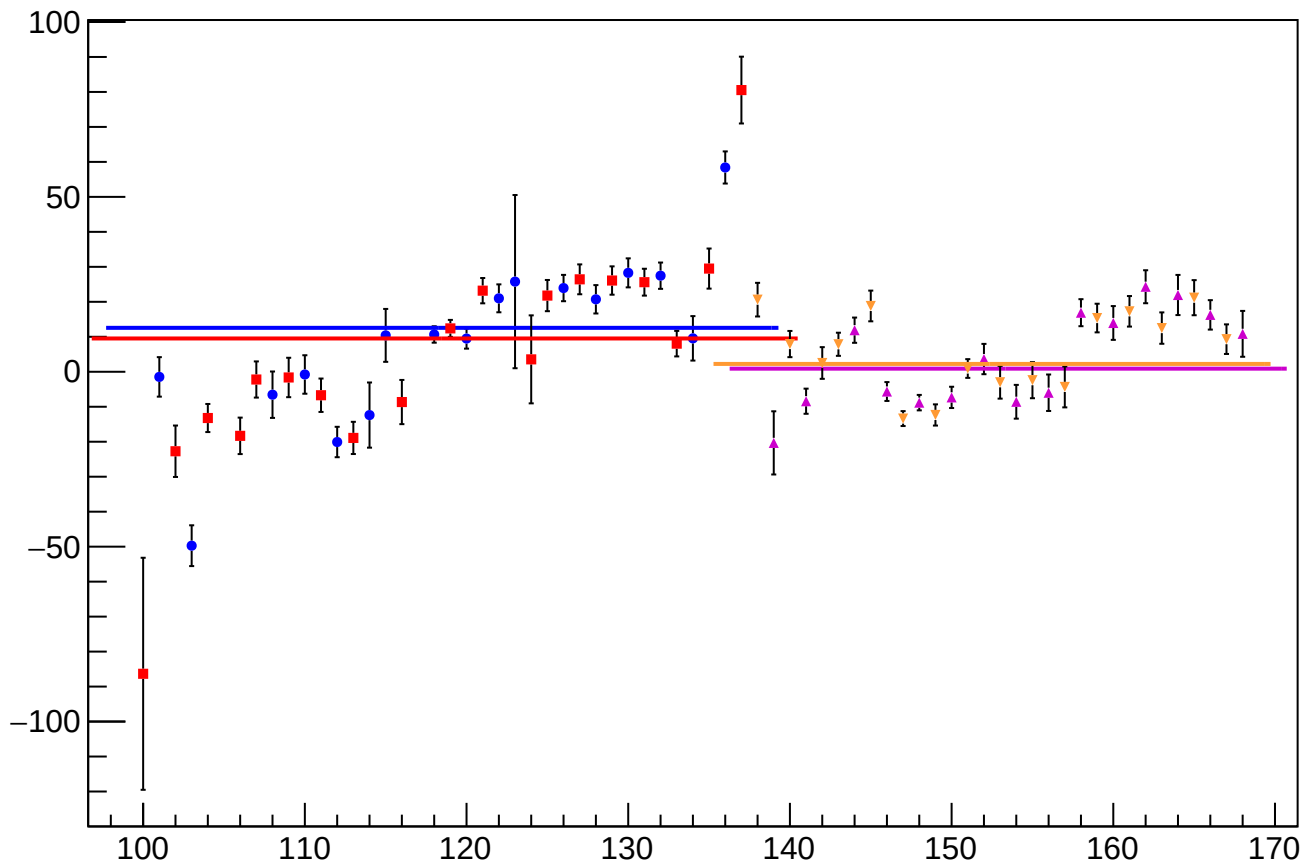
Left In: 234.715+/-1.424 χ^2/NDF : 563.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.752+/-0.987 χ^2/NDF : 4023.6/30

- 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: 2.243 ± 0.935 χ^2/NDF : 158.9/15

Right Out: 9.519 ± 1.051 χ^2/NDF : 296.2/18

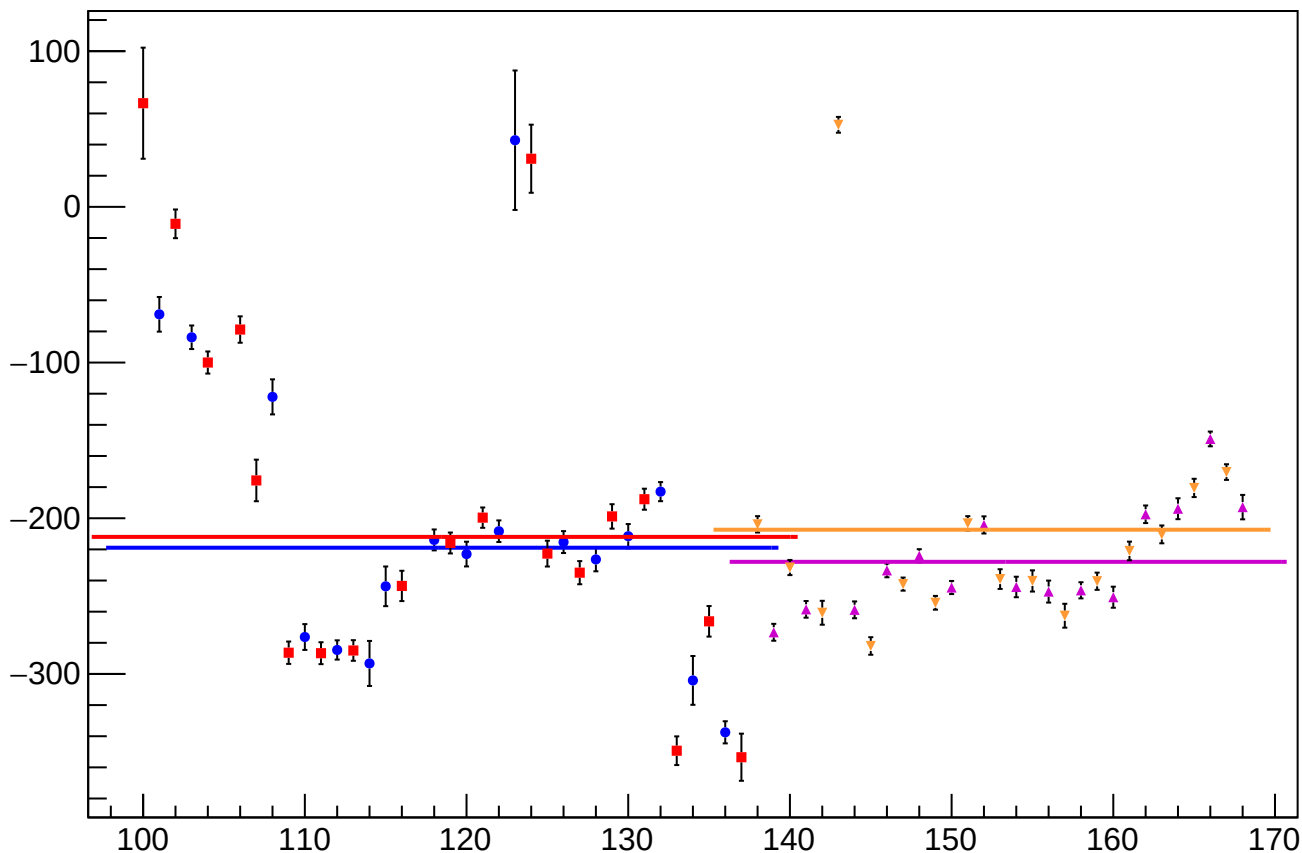
Left In: 0.888 ± 0.993 χ^2/NDF : 138.3/14

+ sign 6.777 ± 0.700 χ^2/NDF : 560.2/32

All: 5.896 ± 0.502 χ^2/NDF : 1033.6/66

- sign 4.959 ± 0.722 χ^2/NDF : 470.2/33

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -207.360 ± 1.356 $\chi^2/\text{NDF}: 3274.3/15$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

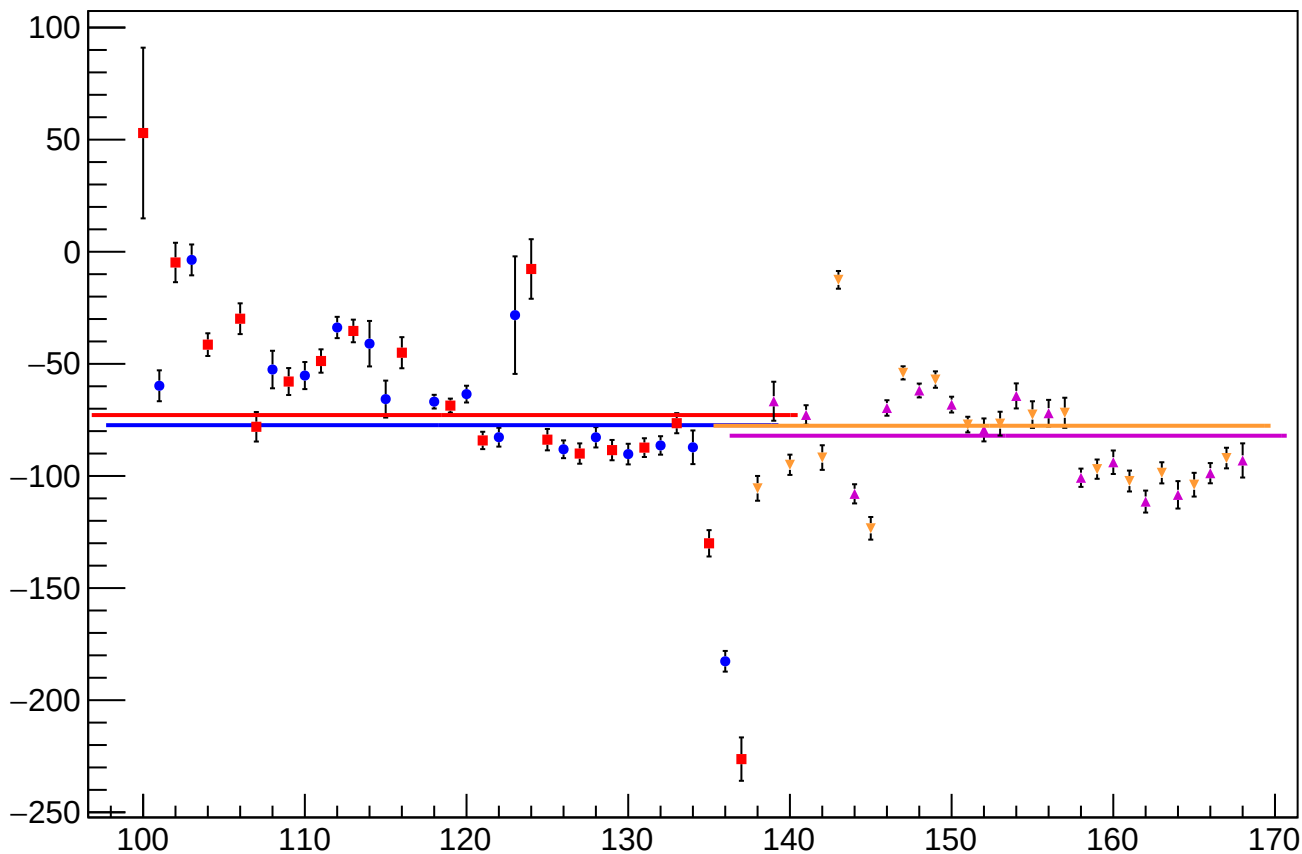
Left In: -227.987 ± 1.394 $\chi^2/\text{NDF}: 560.7/14$

+ sign -210.988 ± 1.123 $\chi^2/\text{NDF}: 4443.8/32$

All: -216.702 ± 0.796 $\chi^2/\text{NDF}: 6988.1/66$

- sign -222.474 ± 1.129 $\chi^2/\text{NDF}: 2492.3/33$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug

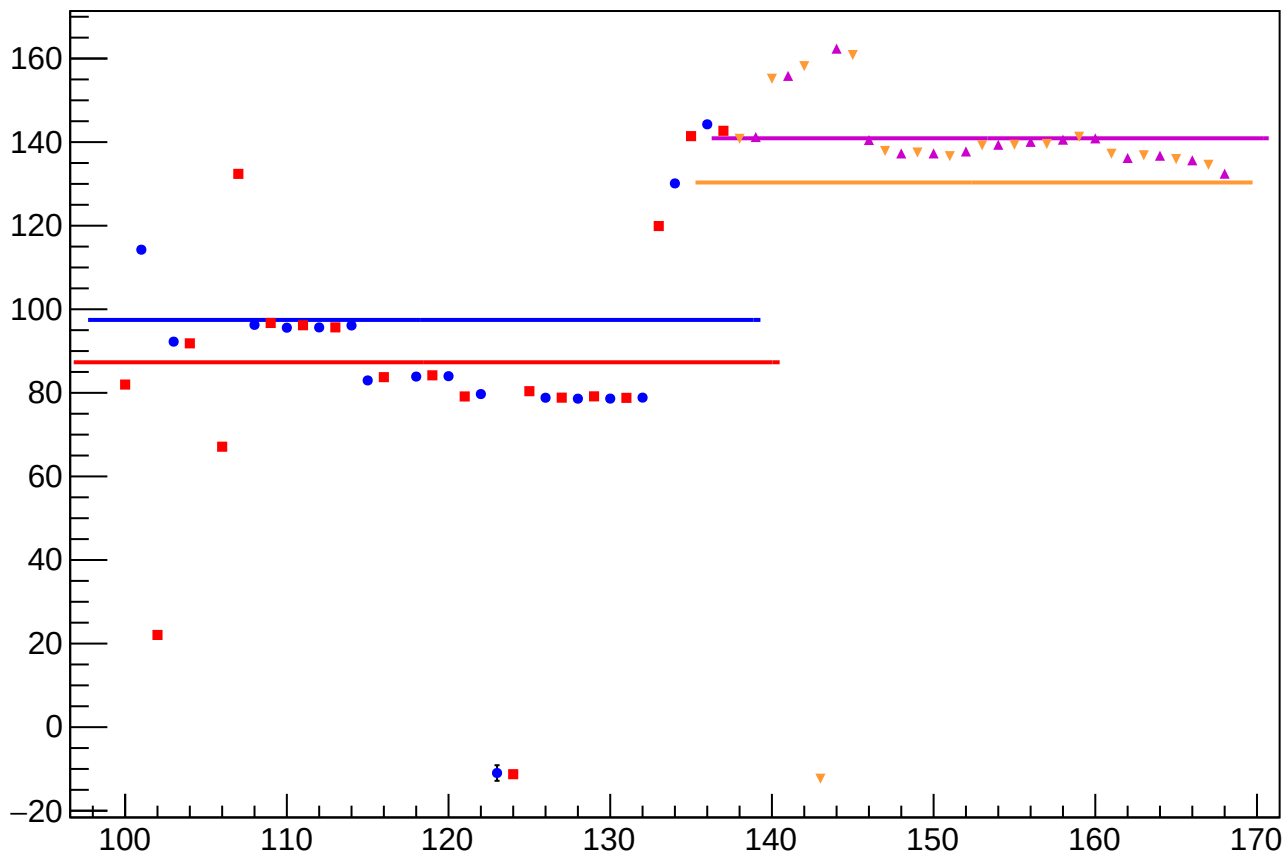


+ sign -77.483 ± 0.823 $\chi^2/\text{NDF}: 1417.5/32$

All: -77.520 ± 0.589 $\chi^2/\text{NDF}: 2345.3/66$

- sign -77.558 ± 0.844 $\chi^2/\text{NDF}: 927.8/33$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 130.337 $\pm$ 0.055 χ^2 /NDF: 550608.3/15

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

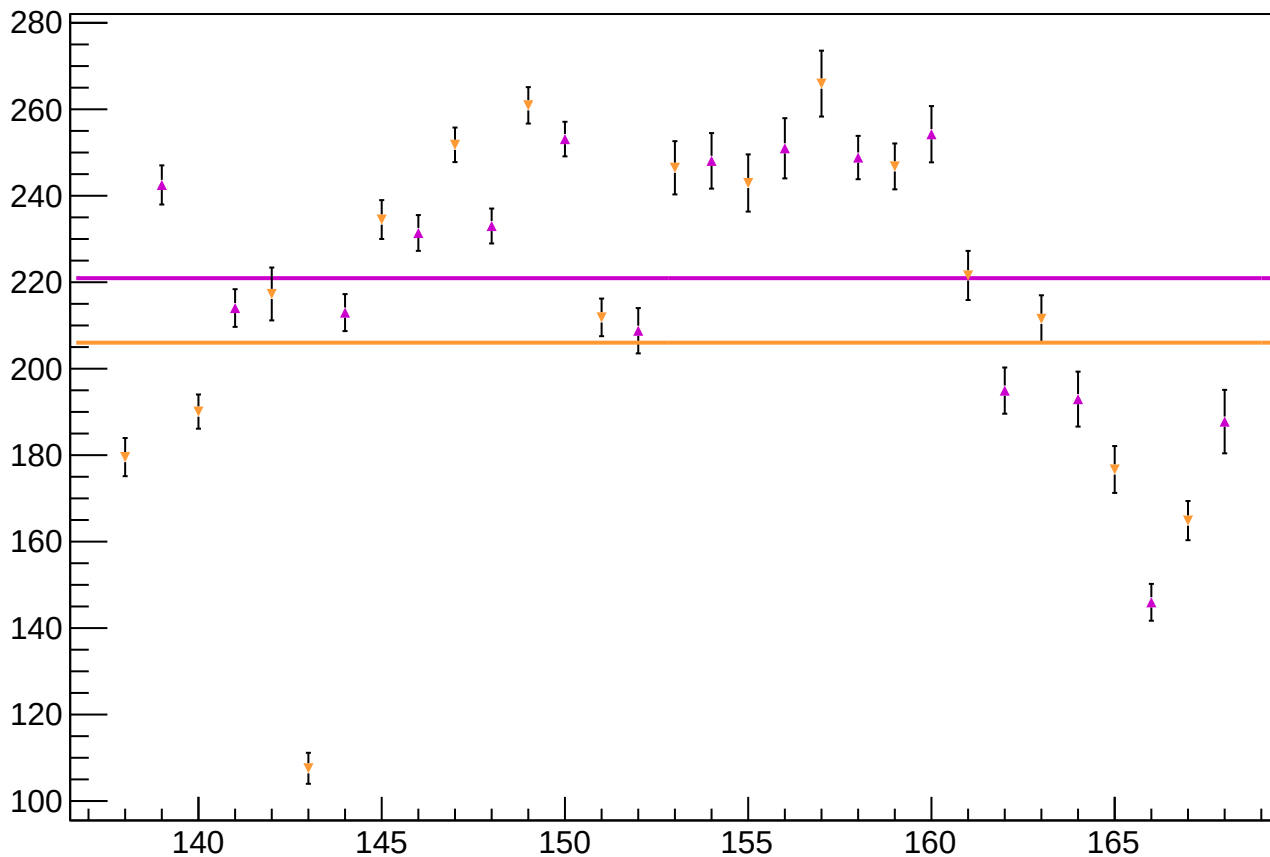
Left In: 140.915 $\pm$ 0.056 χ^2 /NDF: 16136.0/14

+ sign 118.614 $\pm$ 0.044 χ^2 /NDF: 774733.7/32

All: 119.015 $\pm$ 0.031 χ^2 /NDF: 1382247.5/66

- sign 119.406 $\pm$ 0.043 χ^2 /NDF: 607347.9/33

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: 206.019 ± 1.204 χ^2/NDF : 1468.3/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

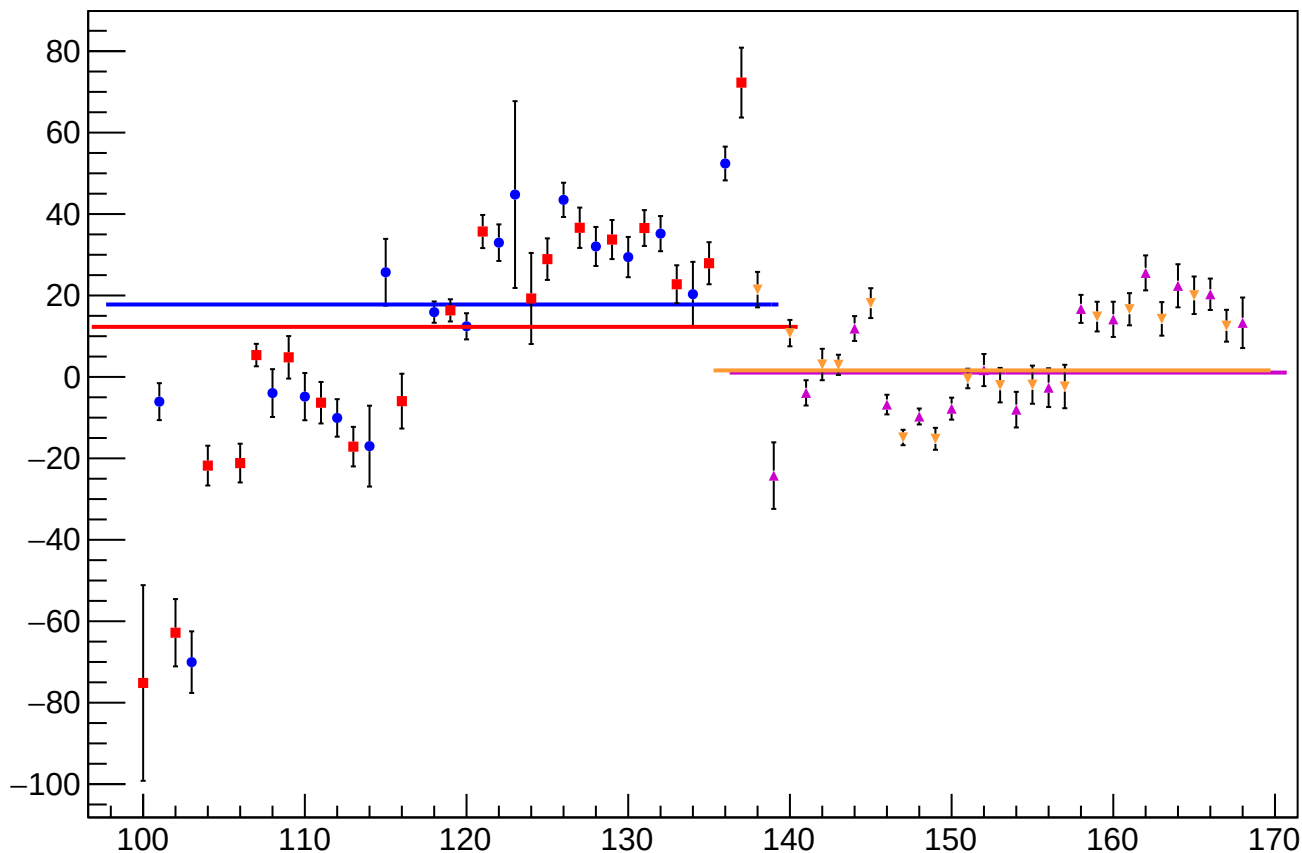
Left In: 220.939 ± 1.274 χ^2/NDF : 580.5/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 213.056 ± 0.875 χ^2/NDF : 2121.3/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786+/-1.146 χ^2 /NDF: 395.1/16

Left Out: 1.604+/-0.819 χ^2 /NDF:227.5/15

Right Out: 12.294+/-1.086 χ^2 /NDF: 443.7/18

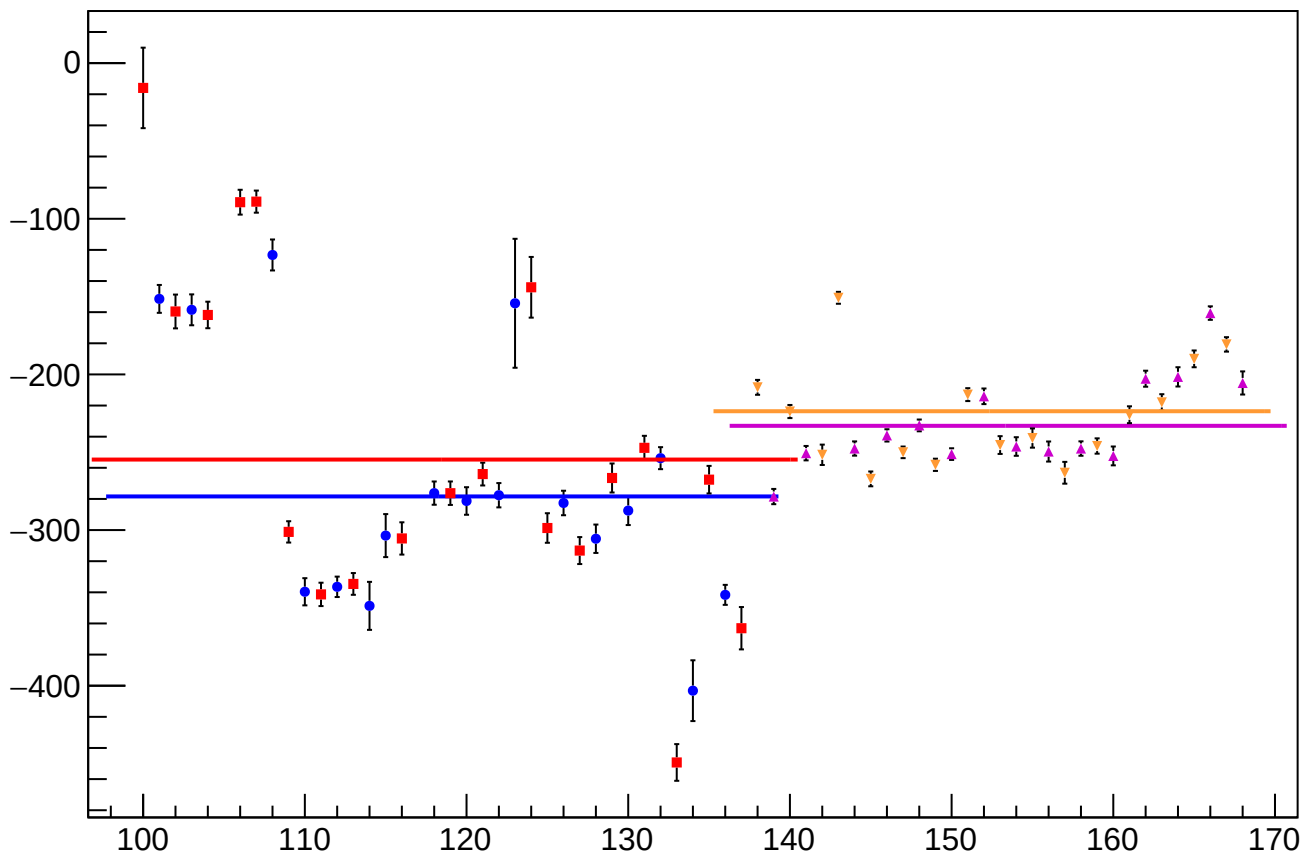
Left In: 1.069+/-0.885 χ^2 /NDF:188.6/14

+ sign 7.073+/-0.666 χ^2 /NDF: 754.5/32

All: 6.332+/-0.478 χ^2 /NDF: 1453.6/66

- sign 5.547+/-0.686 χ^2 /NDF: 696.6/33

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393 ± 2.168 χ^2/NDF : 910.5/16

Left Out: -223.649 ± 1.195 χ^2/NDF : 808.5/15

Right Out: -254.703 ± 2.020 χ^2/NDF : 2038.5/18

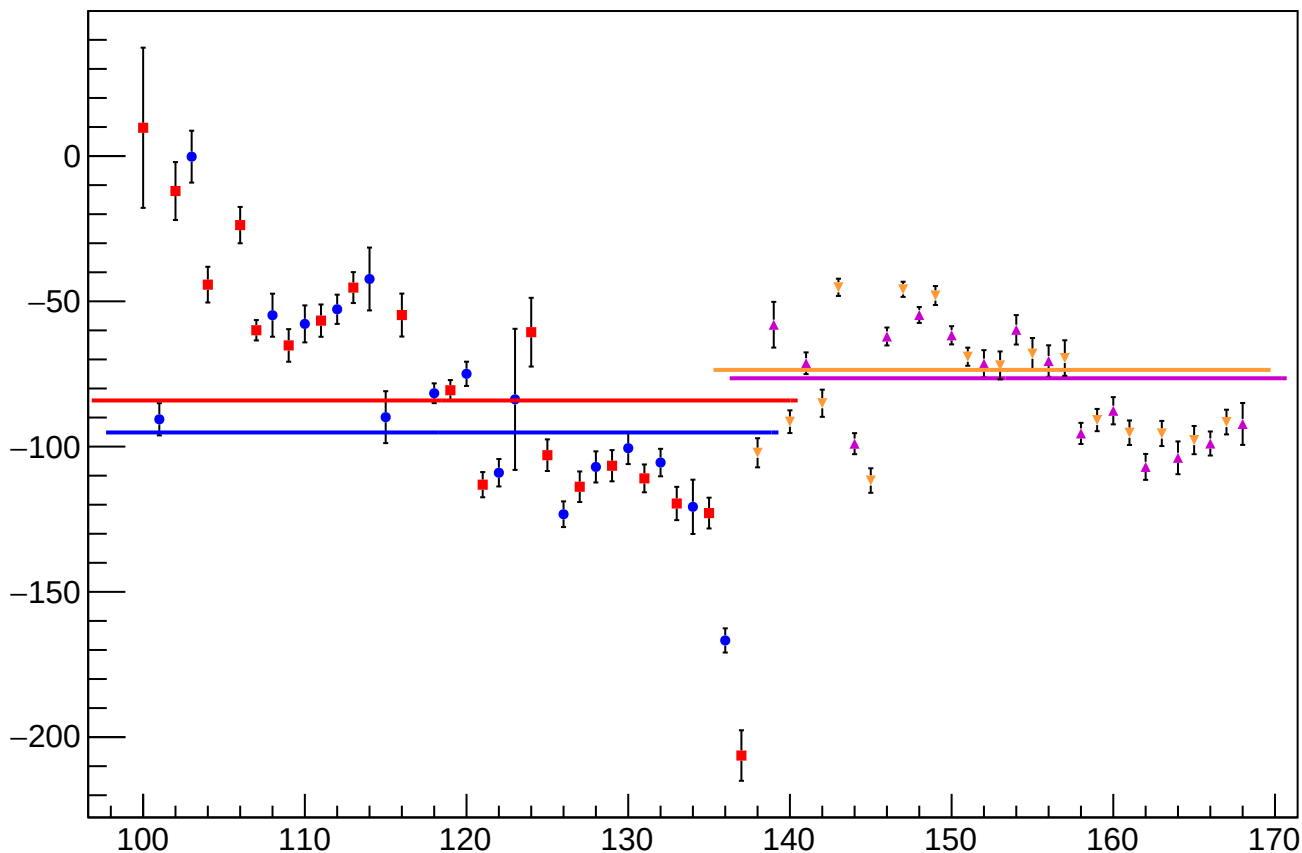
Left In: -233.027 ± 1.248 χ^2/NDF : 535.0/14

+ sign -236.413 ± 1.047 χ^2/NDF : 2208.2/32

All: -237.695 ± 0.745 χ^2/NDF : 4868.0/66

- sign -239.016 ± 1.062 χ^2/NDF : 2656.8/33

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: -73.597 ± 0.979 χ^2/NDF : 525.2/15

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

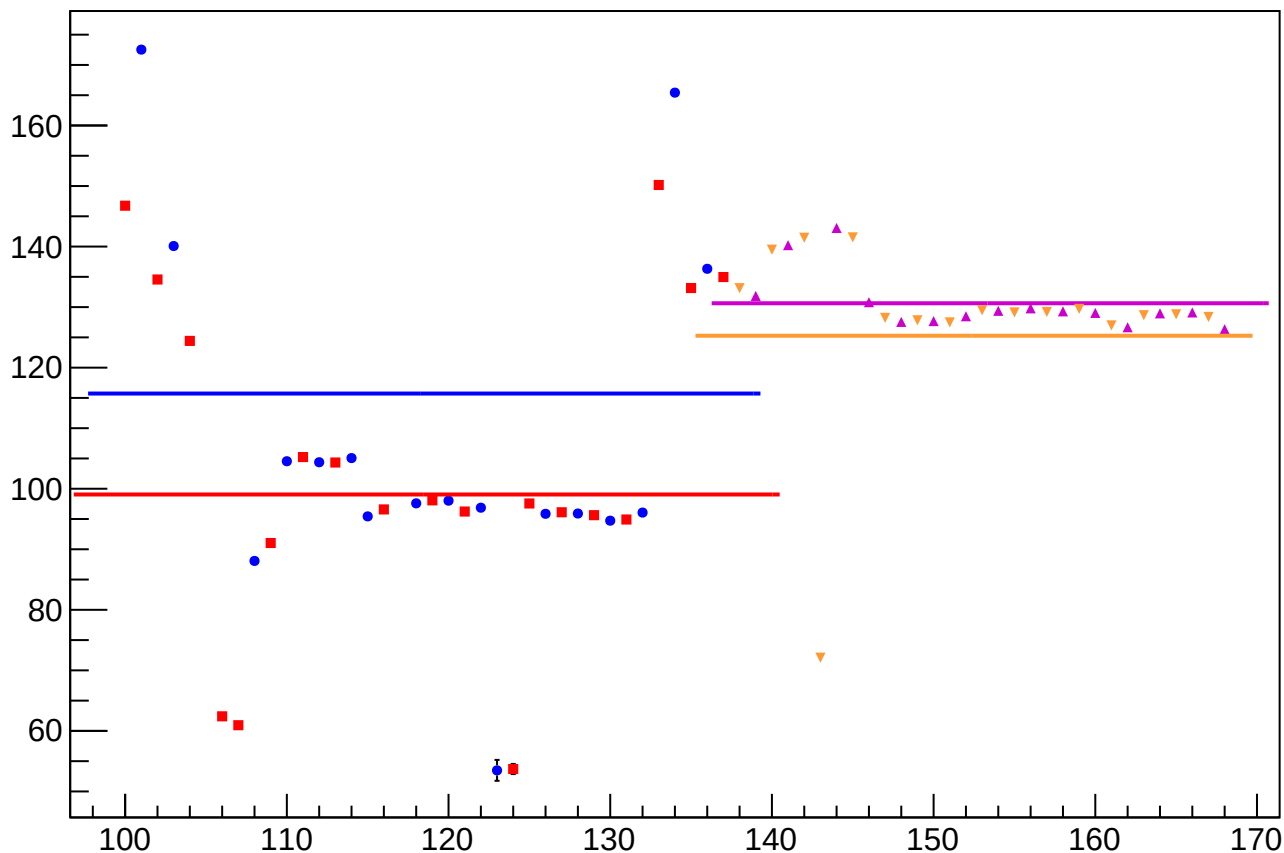
Left In: -76.482 ± 1.052 χ^2/NDF : 304.1/14

+ sign -81.219 ± 0.787 χ^2/NDF : 1371.5/32

All: -80.442 ± 0.563 χ^2/NDF : 2482.2/66

- sign -79.624 ± 0.807 χ^2/NDF : 1108.7/33

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: 125.271 $\pm$ 0.048 χ^2 /NDF:142328.5/15

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

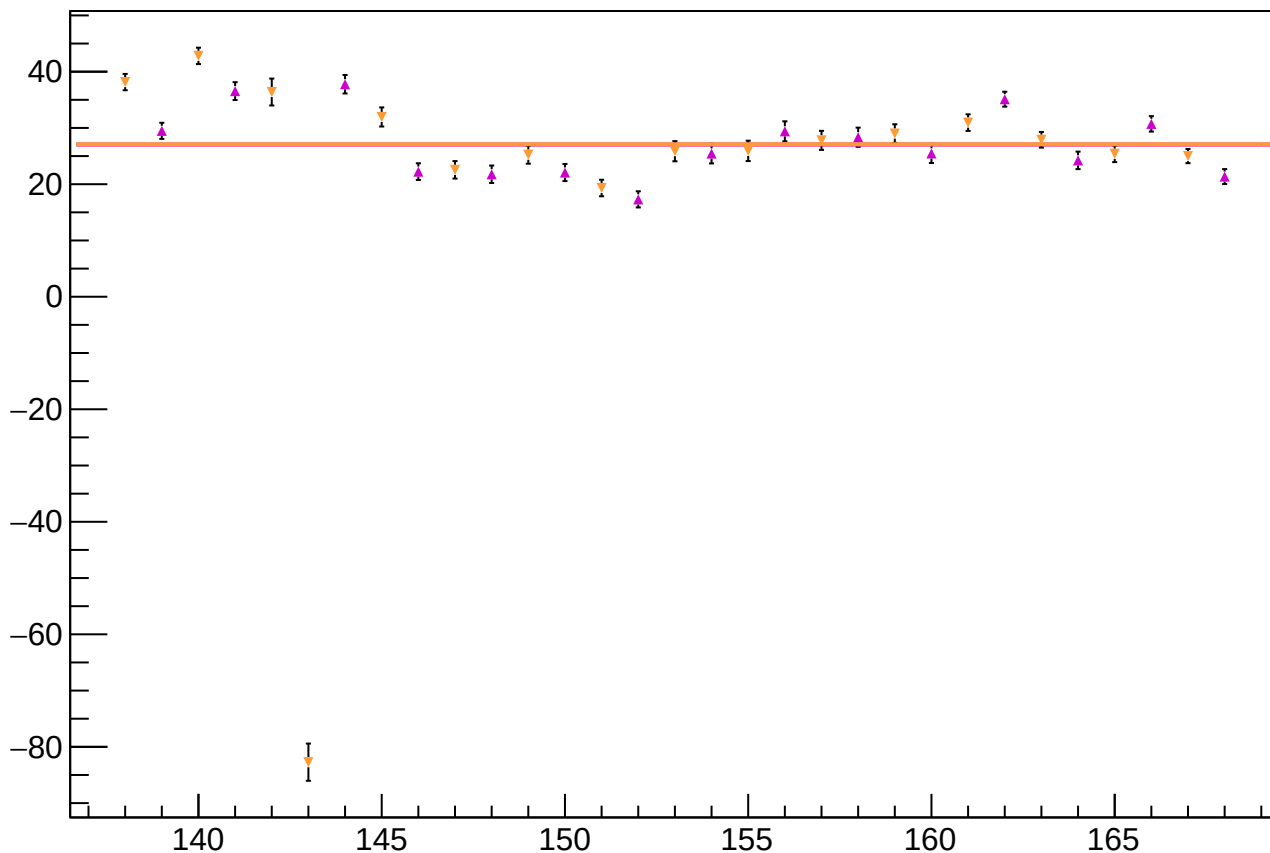
Left In: 130.637 $\pm$ 0.050 χ^2 /NDF:8239.7/14

+ sign 122.637 $\pm$ 0.041 χ^2 /NDF: 259571.9/32

All: 121.115 $\pm$ 0.029 χ^2 /NDF: 582548.7/66

- sign 119.632 $\pm$ 0.040 χ^2 /NDF: 320250.4/33

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: 27.097+/-0.401 χ^2/NDF :1349.2/15

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

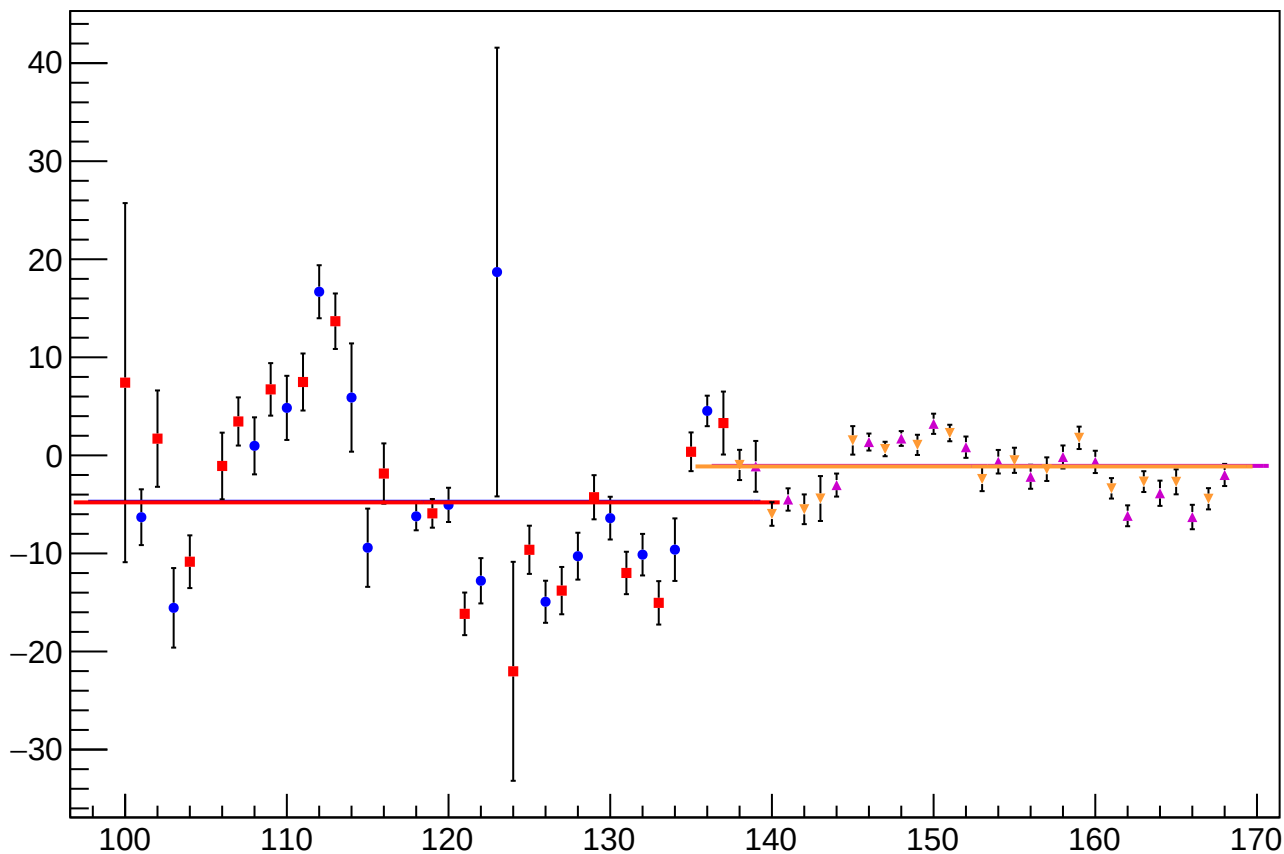
Left In: 27.047+/-0.394 χ^2/NDF :229.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.071+/-0.281 χ^2/NDF : 1579.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -1.129 ± 0.284 χ^2/NDF : 82.2/15

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

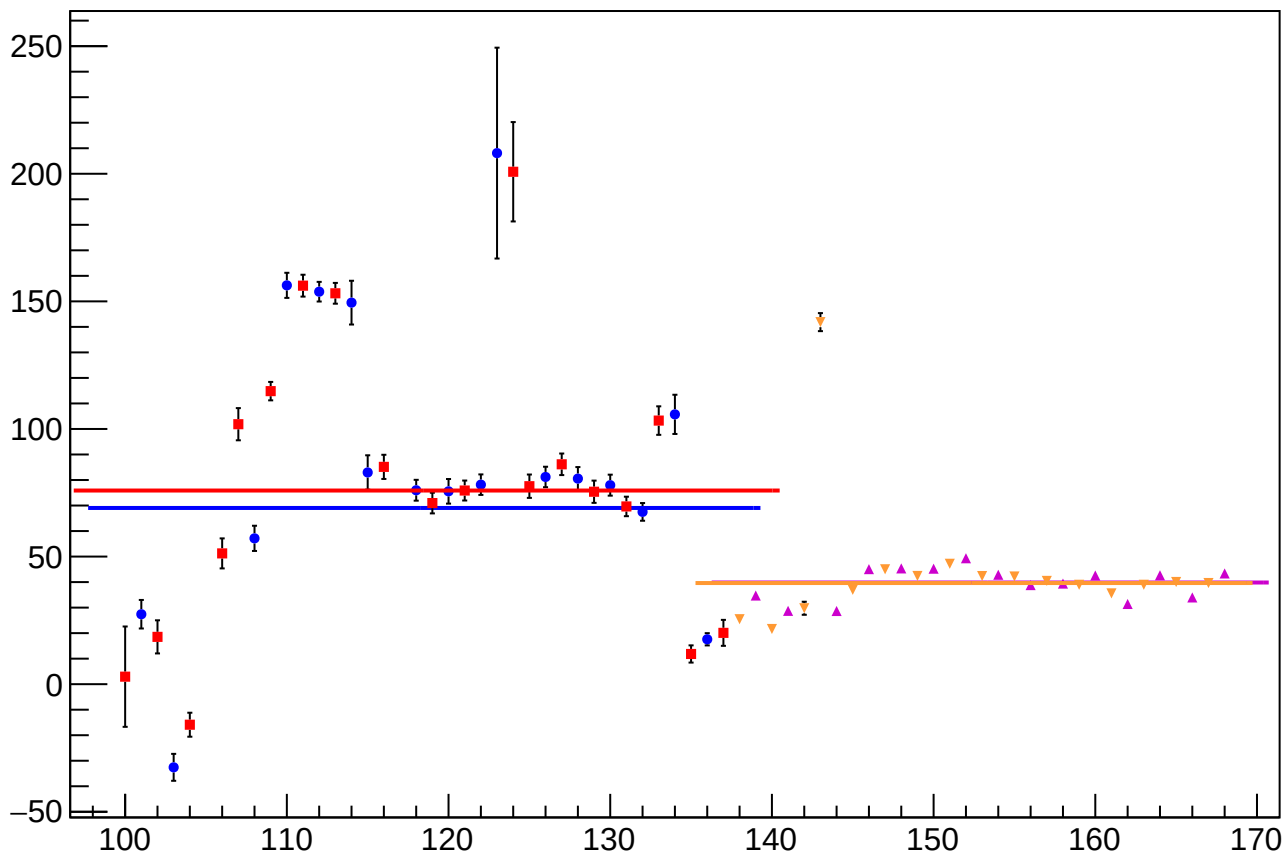
Left In: -1.071 ± 0.285 χ^2/NDF : 101.3/14

+ sign -1.826 ± 0.255 χ^2/NDF : 288.1/32

All: -1.805 ± 0.181 χ^2/NDF : 615.5/66

- sign -1.784 ± 0.256 χ^2/NDF : 327.4/33

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 $\pm$ 1.077 χ^2 /NDF: 1847.9/16

Left Out: 39.630 $\pm$ 0.393 χ^2 /NDF: 1129.5/15

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

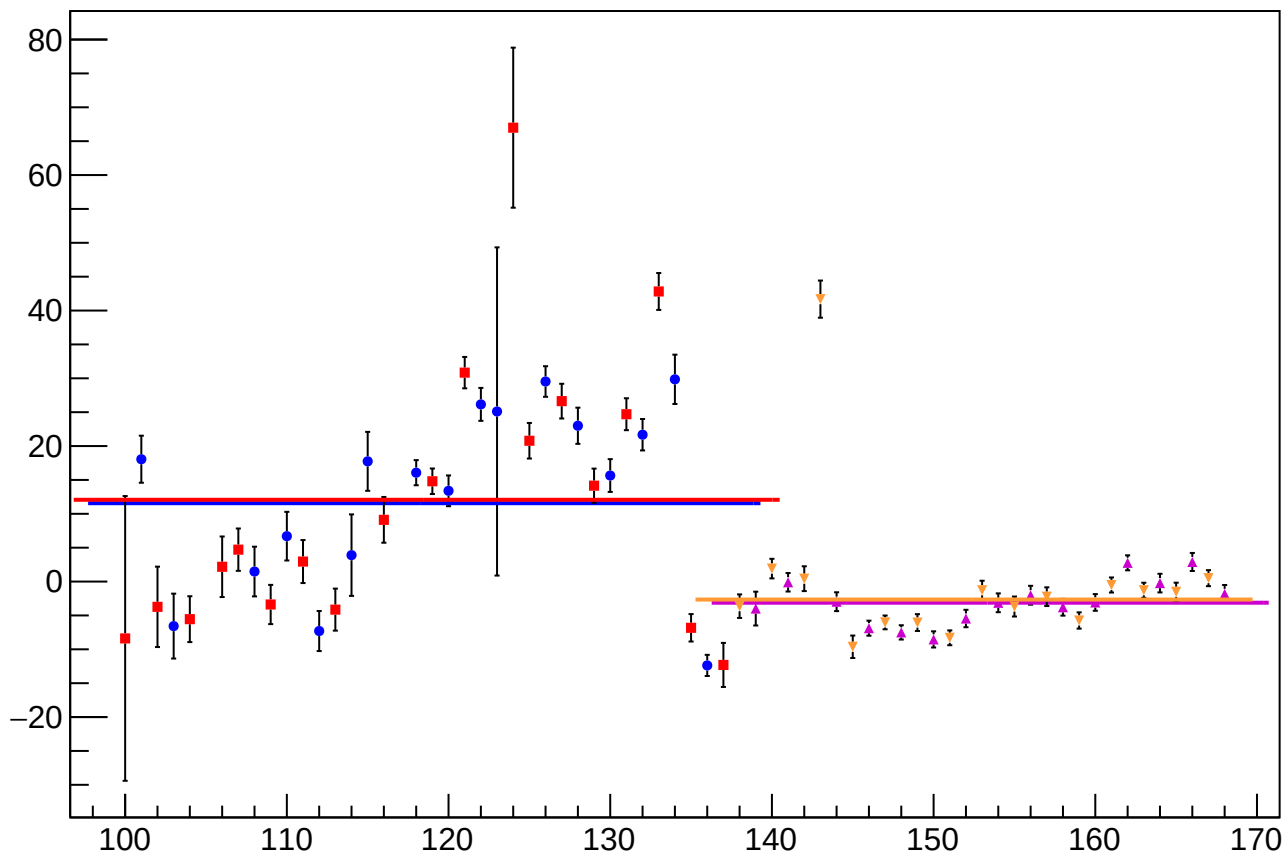
Left In: 39.837 $\pm$ 0.385 χ^2 /NDF: 263.1/14

+ sign 43.093 $\pm$ 0.369 χ^2 /NDF: 3636.1/32

All: 43.542 $\pm$ 0.259 χ^2 /NDF: 6802.4/66

- sign 43.973 $\pm$ 0.362 χ^2 /NDF: 3163.4/33

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -2.656 $\pm$ 0.331 χ^2 /NDF: 358.6/15

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

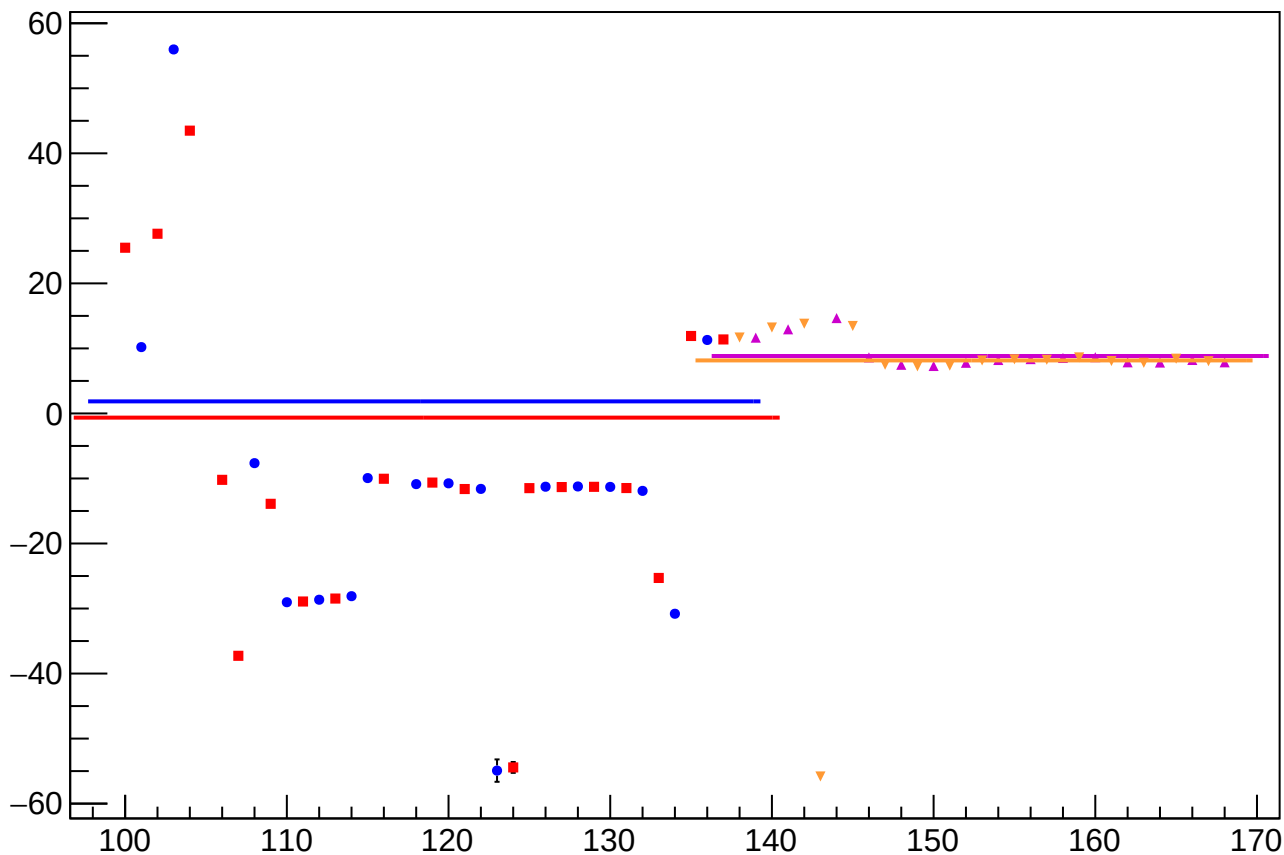
Left In: -3.122 $\pm$ 0.332 χ^2 /NDF: 112.6/14

+ sign 0.214 $\pm$ 0.296 χ^2 /NDF: 1209.3/32

All: 0.064 $\pm$ 0.210 χ^2 /NDF: 2284.0/66

- sign -0.087 $\pm$ 0.297 χ^2 /NDF: 1074.2/33

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 1.855 $\pm$ 0.037 χ^2 /NDF: 359414.1/16

Left Out: 8.153 $\pm$ 0.015 χ^2 /NDF: 222585.6/15

Right Out: -0.644 $\pm$ 0.037 χ^2 /NDF: 361625.7/18

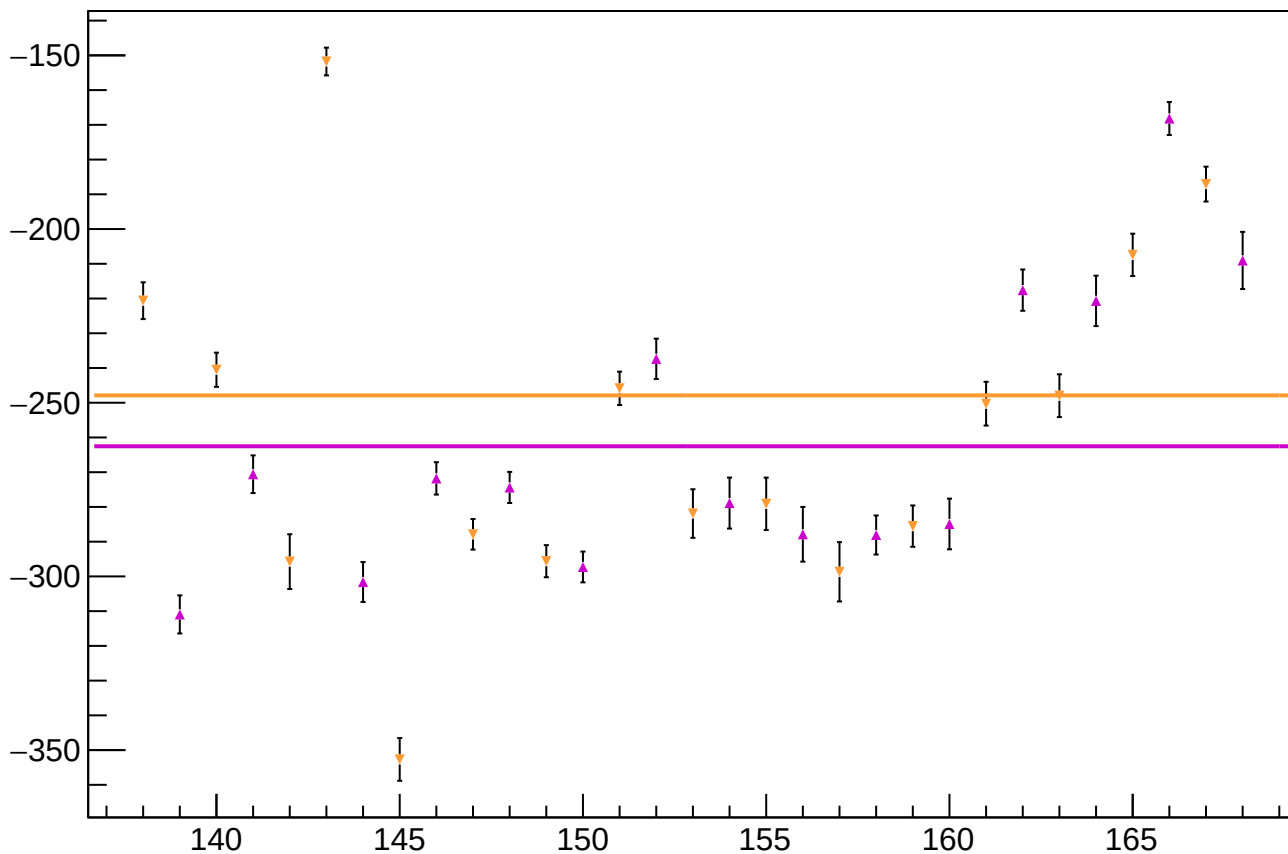
Left In: 8.832 $\pm$ 0.015 χ^2 /NDF: 14866.4/14

+ sign 7.216 $\pm$ 0.014 χ^2 /NDF: 606667.0/32

All: 7.348 $\pm$ 0.010 χ^2 /NDF: 1039371.3/66

- sign 7.475 $\pm$ 0.014 χ^2 /NDF: 432536.8/33

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -247.884 ± 1.384 χ^2/NDF : 1432.3/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

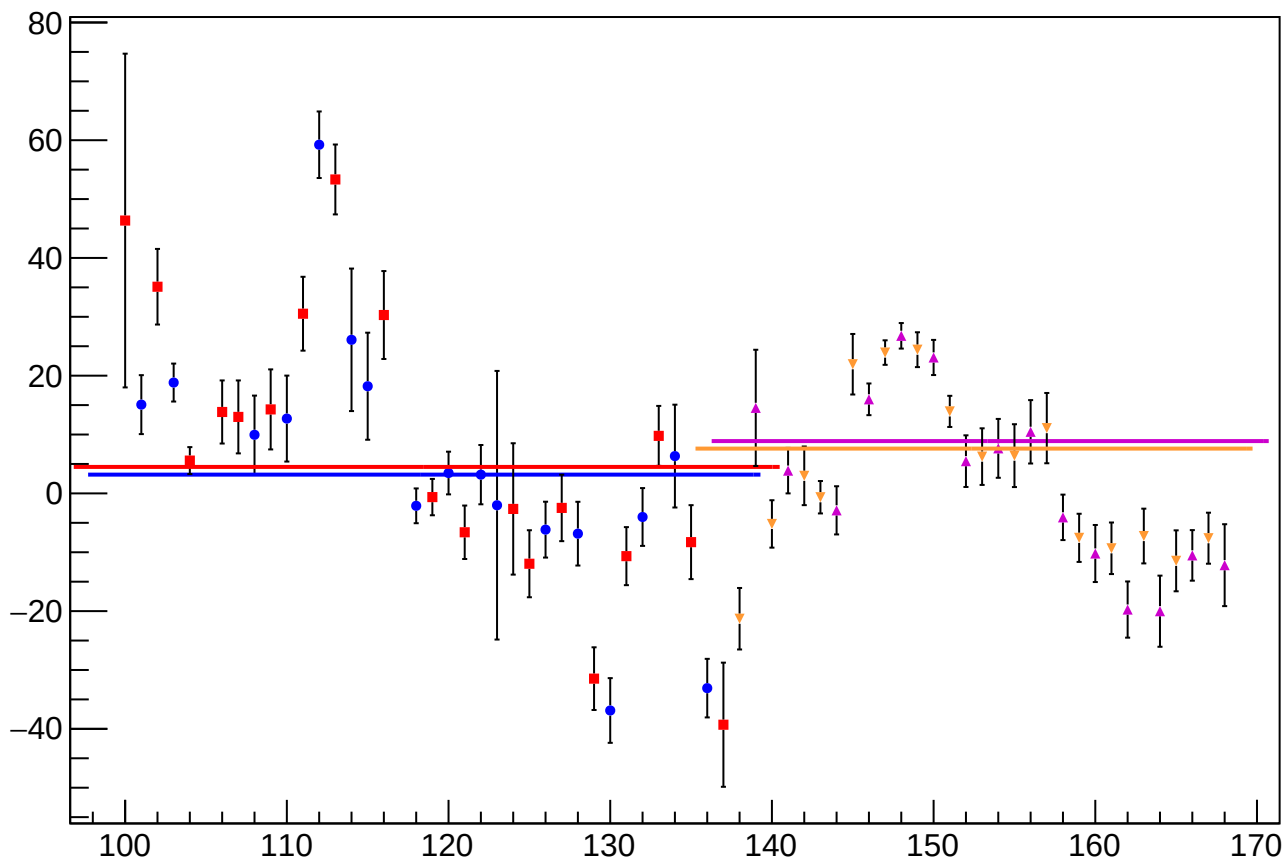
Left In: -262.532 ± 1.466 χ^2/NDF : 791.5/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -254.788 ± 1.006 χ^2/NDF : 2276.5/30

- 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: 7.611 ± 0.932 χ^2/NDF : 222.9/15

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

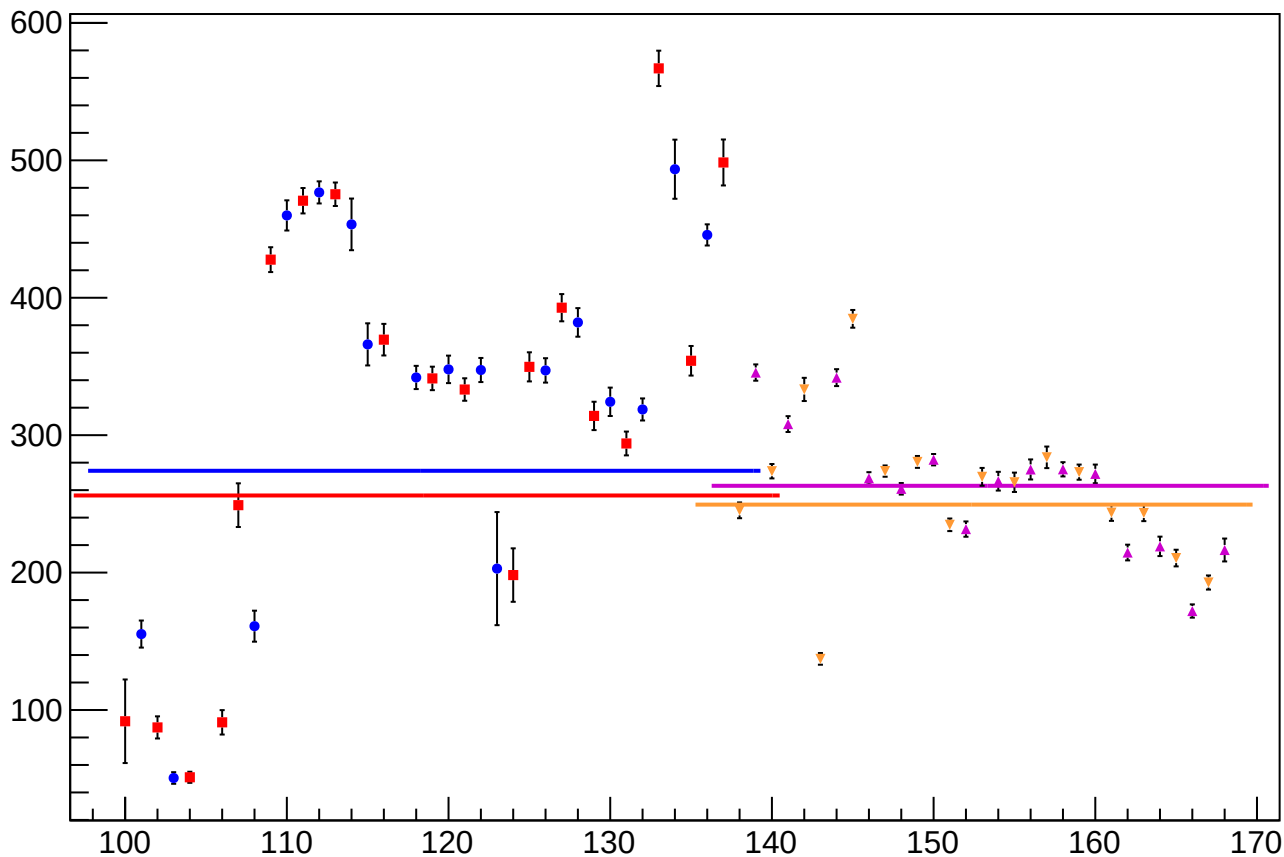
Left In: 8.886 ± 1.009 χ^2/NDF : 223.7/14

+ sign 5.990 ± 0.742 χ^2/NDF : 486.8/32

All: 6.479 ± 0.531 χ^2/NDF : 945.0/66

- sign 6.995 ± 0.761 χ^2/NDF : 457.3/33

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 ± 2.191 χ^2/NDF : 5112.0/16

Left Out: 249.466 ± 1.368 χ^2/NDF : 1568.6/15

Right Out: 256.109 ± 2.080 χ^2/NDF : 6444.1/18

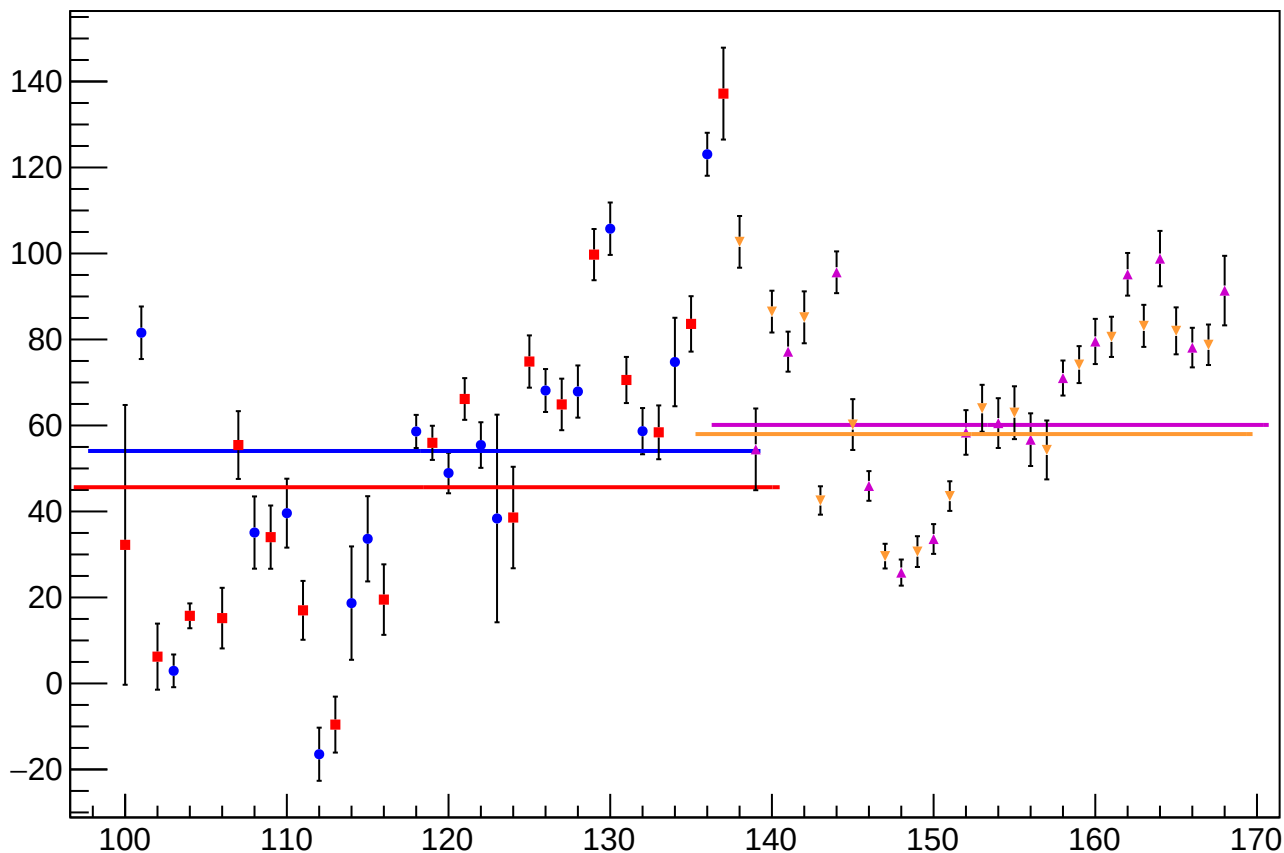
Left In: 263.156 ± 1.429 χ^2/NDF : 979.9/14

+ sign 256.368 ± 1.160 χ^2/NDF : 6771.4/32

All: 258.597 ± 0.827 χ^2/NDF : 14210.7/66

- sign 260.896 ± 1.178 χ^2/NDF : 7431.8/33

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: 57.996 $\pm$ 1.116 χ^2 /NDF: 410.3/15

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

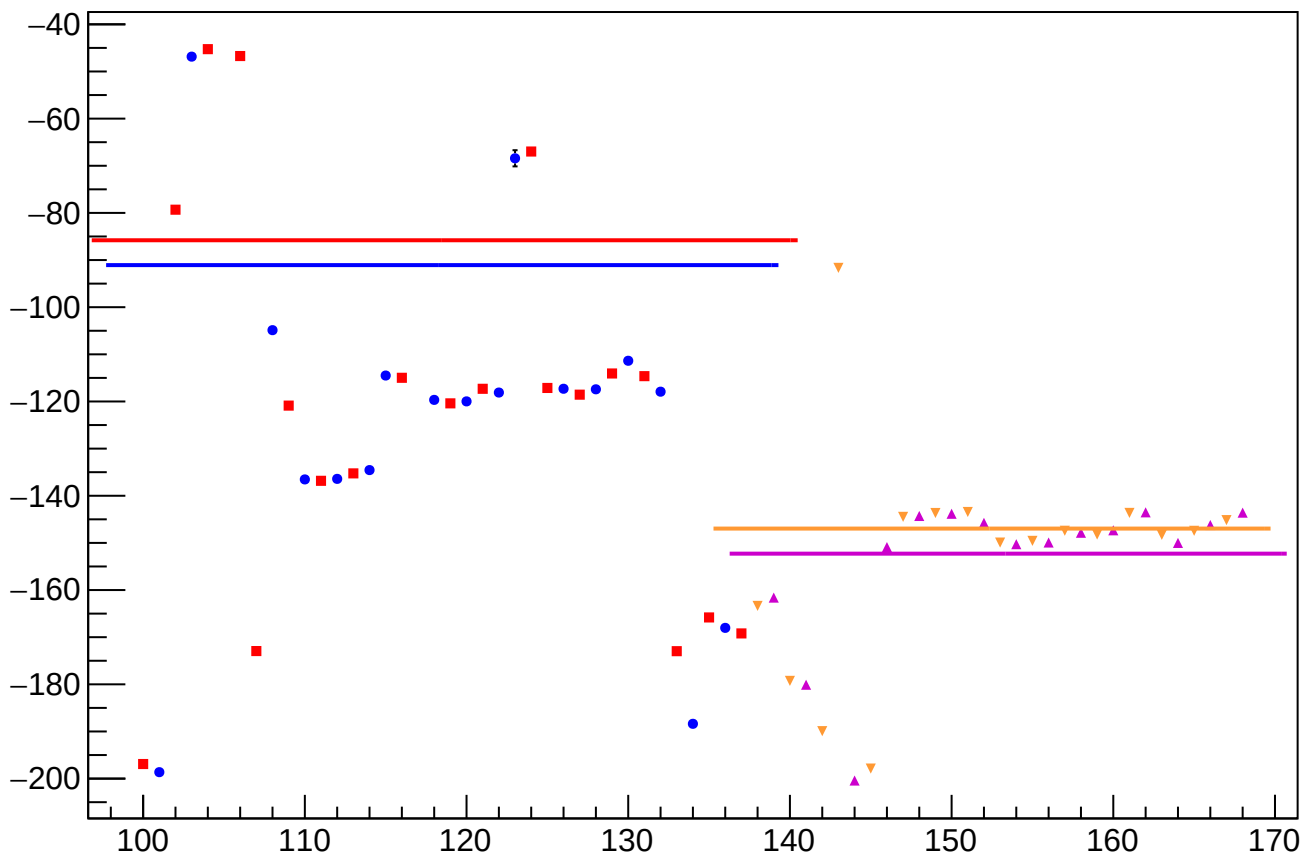
Left In: 60.127 $\pm$ 1.201 χ^2 /NDF: 408.1/14

+ sign 56.496 $\pm$ 0.878 χ^2 /NDF: 1049.5/32

All: 55.168 $\pm$ 0.628 χ^2 /NDF: 2056.8/66

- sign 53.770 $\pm$ 0.900 χ^2 /NDF: 1002.6/33

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 $\pm$ 0.068 χ^2 /NDF: 534647.5/16

Left Out: -146.961 $\pm$ 0.055 χ^2 /NDF:187152.7/15

Right Out: -85.803 $\pm$ 0.065 χ^2 /NDF: 495895.1/18

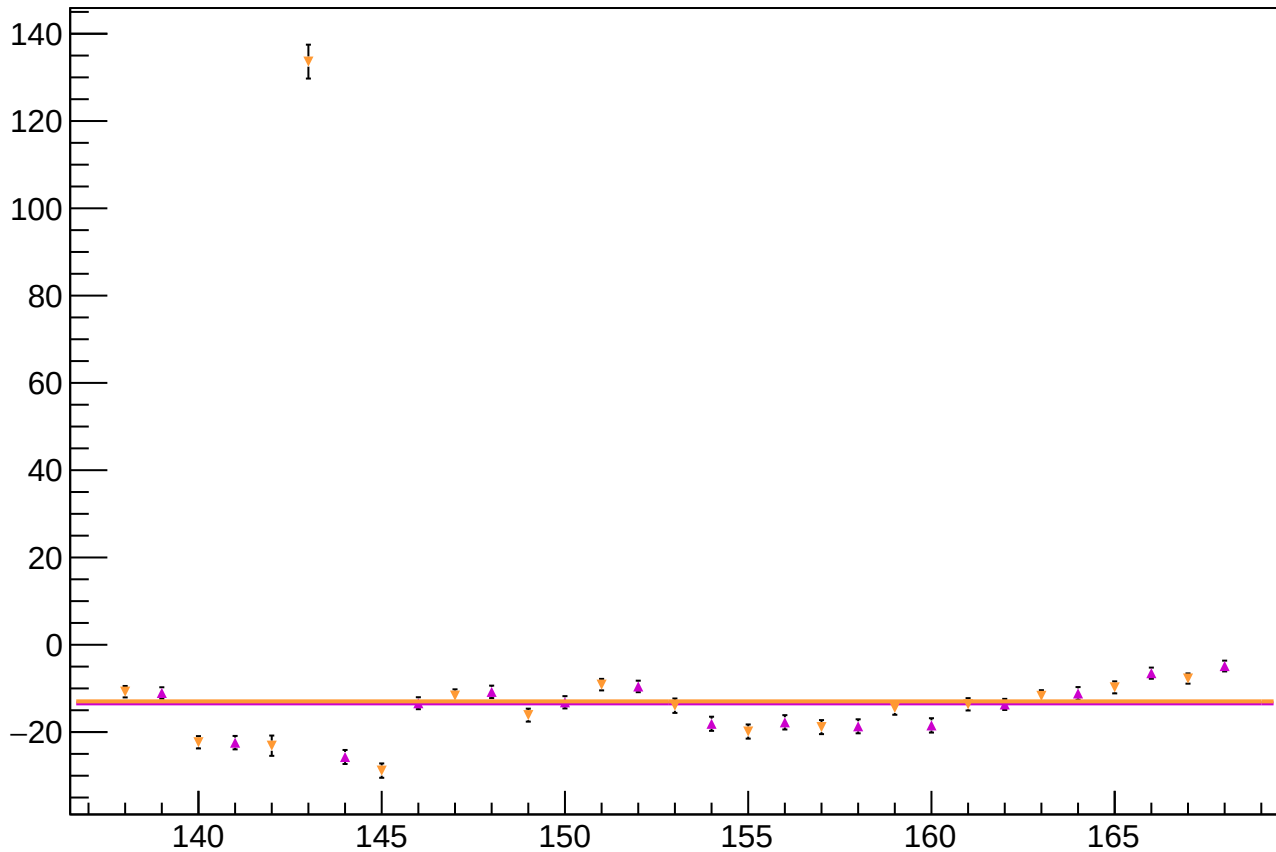
Left In: -152.281 $\pm$ 0.057 χ^2 /NDF:57492.3/14

+ sign -124.605 $\pm$ 0.043 χ^2 /NDF: 1132741.8/32

All: -123.903 $\pm$ 0.030 χ^2 /NDF: 2274182.5/66

- sign -123.189 $\pm$ 0.043 χ^2 /NDF: 1140894.9/33

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: -12.966+/-0.376 χ^2/NDF :1658.2/15

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

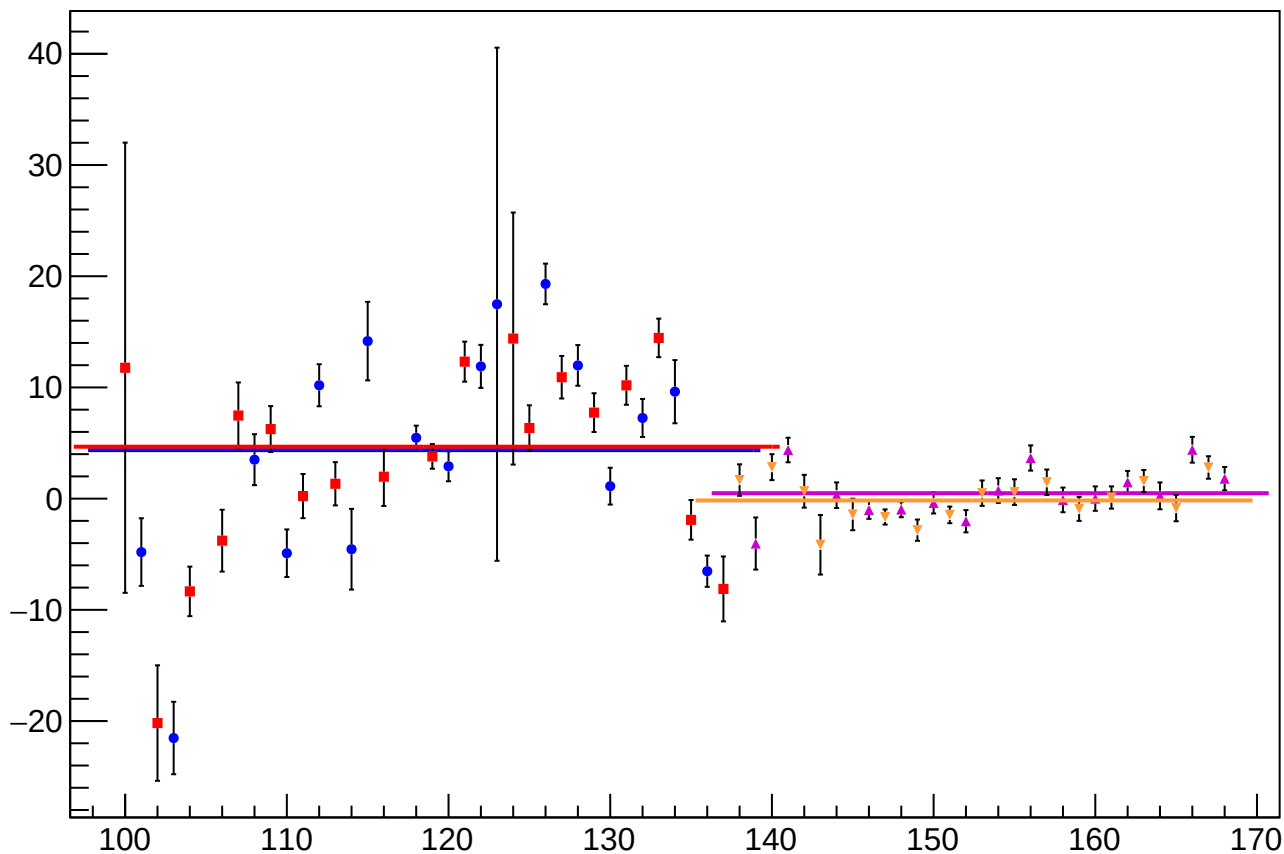
Left In: -13.424+/-0.368 χ^2/NDF :223.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.199+/-0.263 χ^2/NDF : 1882.2/30

- 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: -0.163 ± 0.265 χ^2/NDF : 42.5/15

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

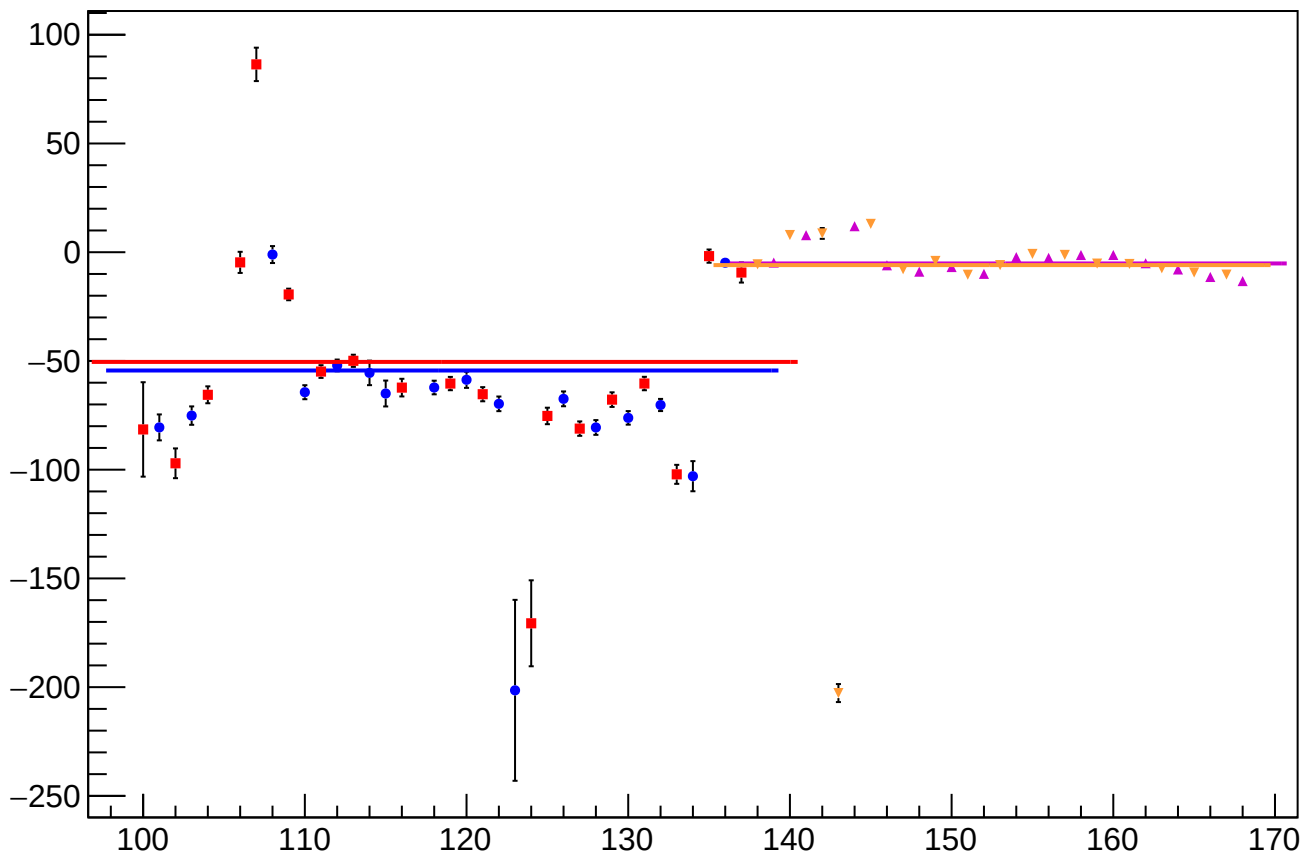
Left In: 0.489 ± 0.267 χ^2/NDF : 53.5/14

+ sign 0.950 ± 0.230 χ^2/NDF : 400.6/32

All: 1.221 ± 0.164 χ^2/NDF : 701.2/66

- sign 1.496 ± 0.233 χ^2/NDF : 297.9/33

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: -5.923 ± 0.368 χ^2/NDF : 2556.7/15

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

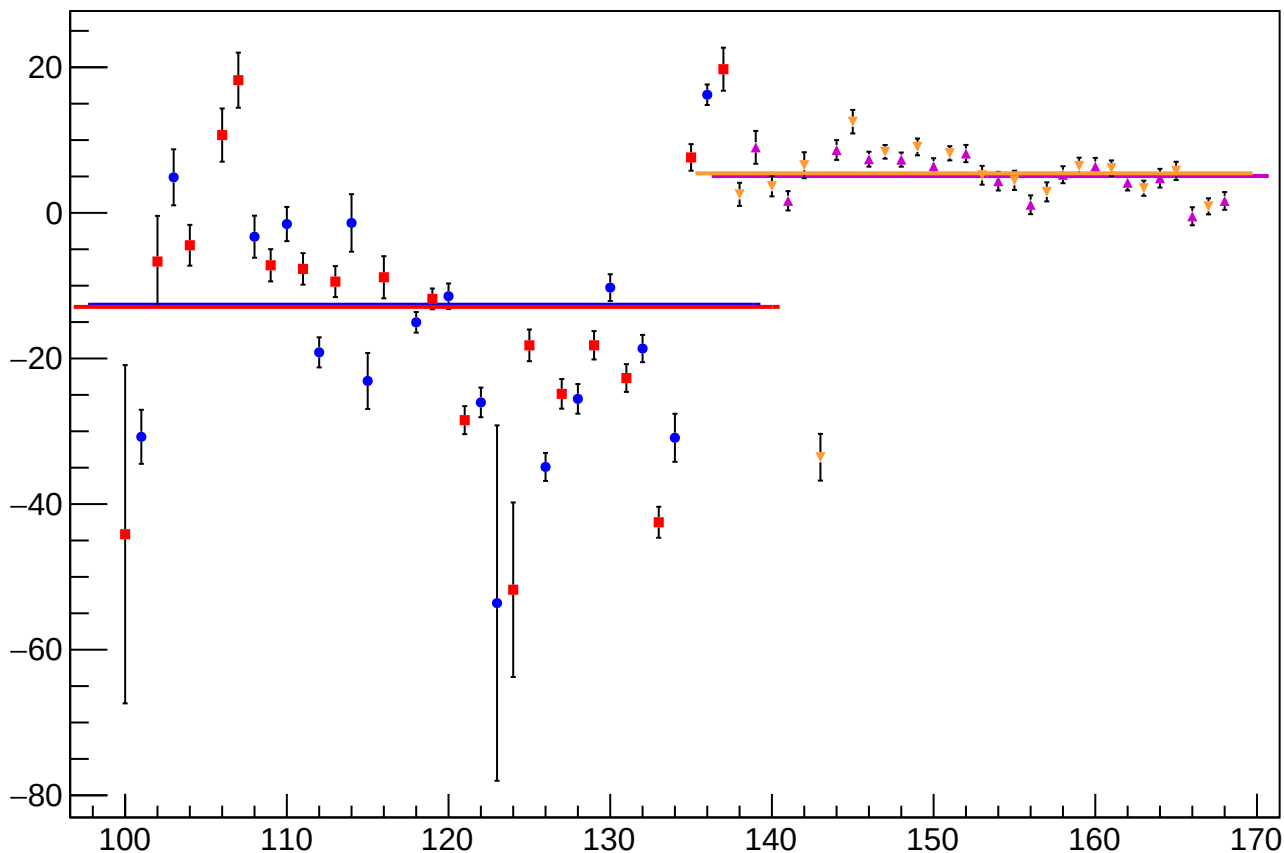
Left In: -5.166 ± 0.360 χ^2/NDF : 275.2/14

+ sign -13.385 ± 0.338 χ^2/NDF : 6241.8/32

All: -12.657 ± 0.237 χ^2/NDF : 10221.0/66

- sign -11.956 ± 0.332 χ^2/NDF : 3970.2/33

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 5.436 ± 0.310 χ^2/NDF : 226.1/15

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

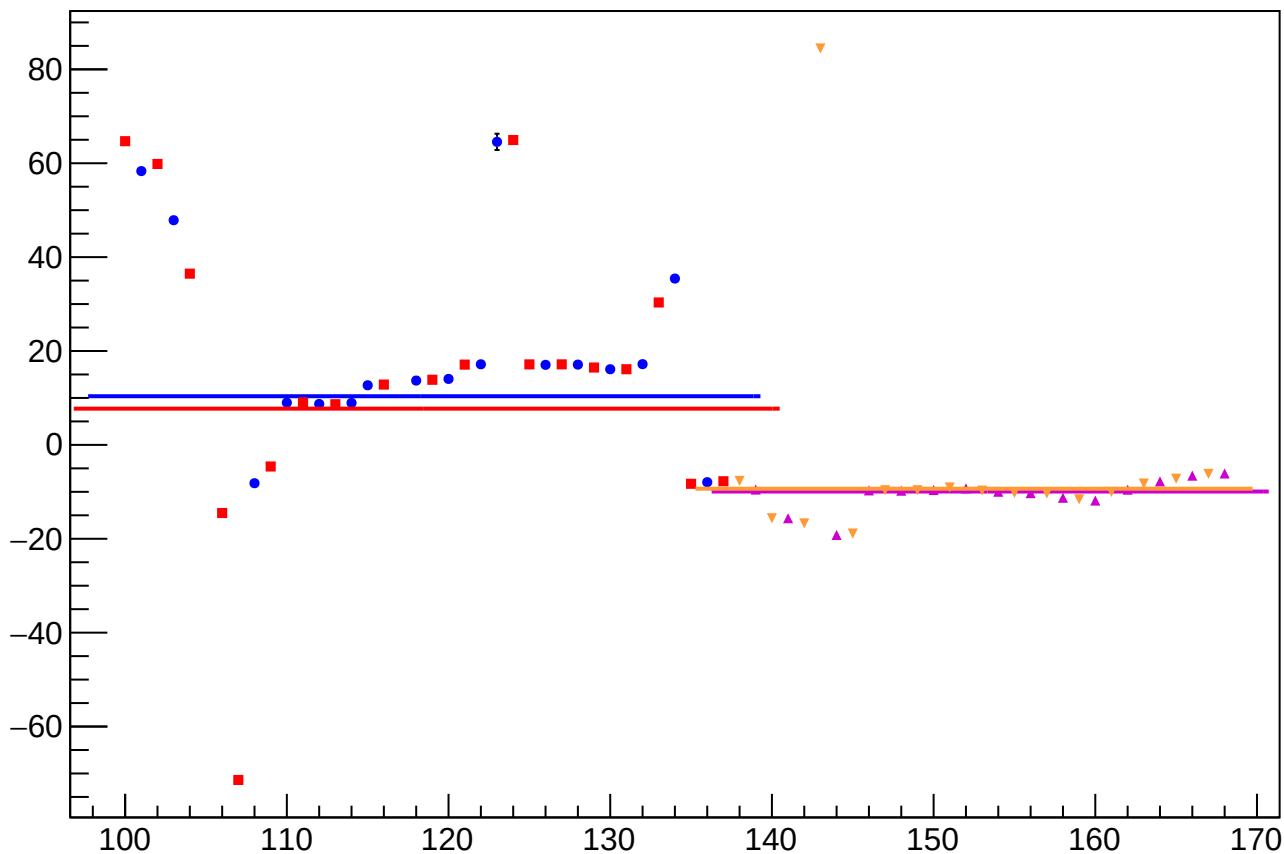
Left In: 5.060 ± 0.311 χ^2/NDF : 74.8/14

+ sign 0.841 ± 0.267 χ^2/NDF : 1878.6/32

All: 0.699 ± 0.190 χ^2/NDF : 3519.8/66

- sign 0.555 ± 0.269 χ^2/NDF : 1640.6/33

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: -9.333 $\pm$ 0.014 χ^2 /NDF: 363489.3/15

Right Out: 7.719 $\pm$ 0.031 χ^2 /NDF: 545085.7/18

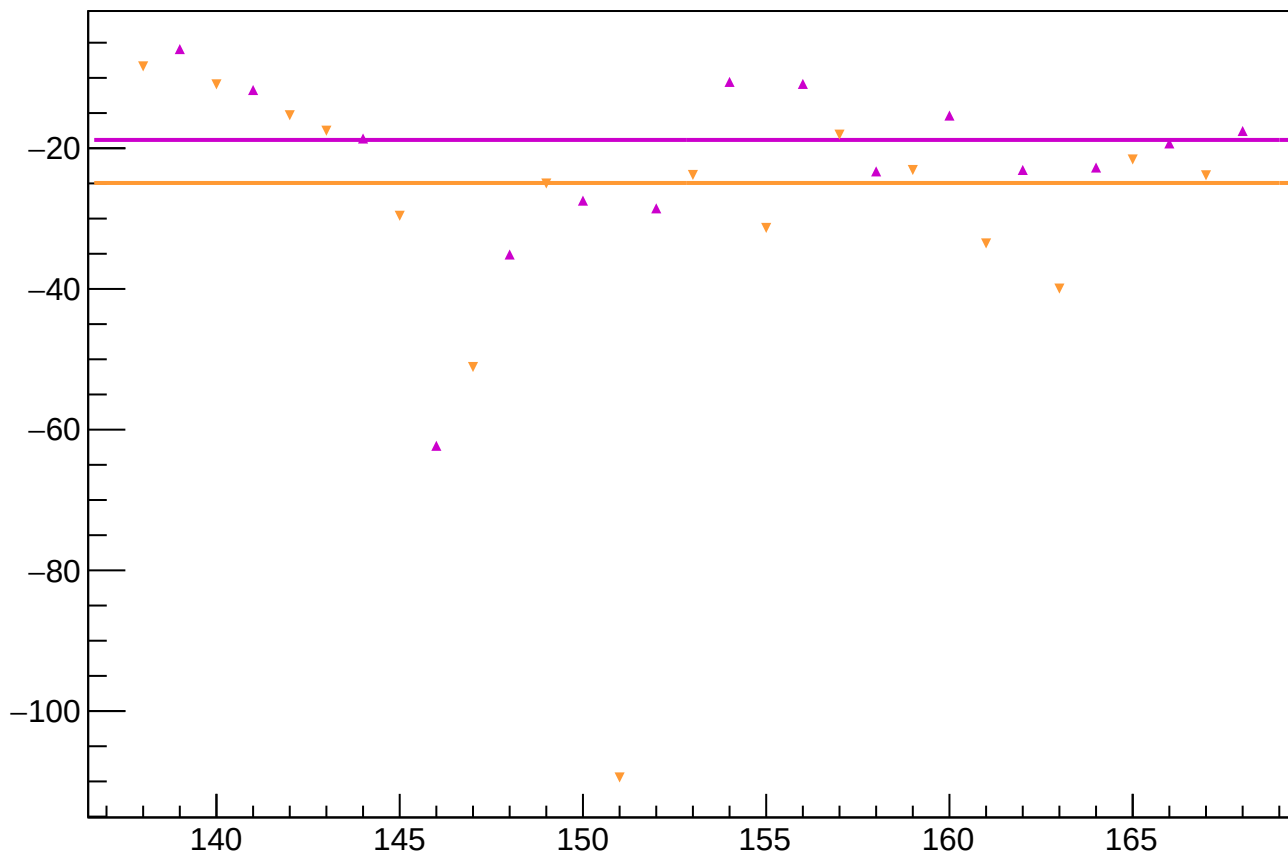
Left In: -9.936 $\pm$ 0.014 χ^2 /NDF: 36228.4/14

+ sign -5.723 $\pm$ 0.013 χ^2 /NDF: 1084373.9/32

All: -6.335 $\pm$ 0.009 χ^2 /NDF: 1934781.4/66

- sign -6.931 $\pm$ 0.013 χ^2 /NDF: 846079.7/33

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -24.937+/-0.062 χ^2/NDF : 56757.6/15

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

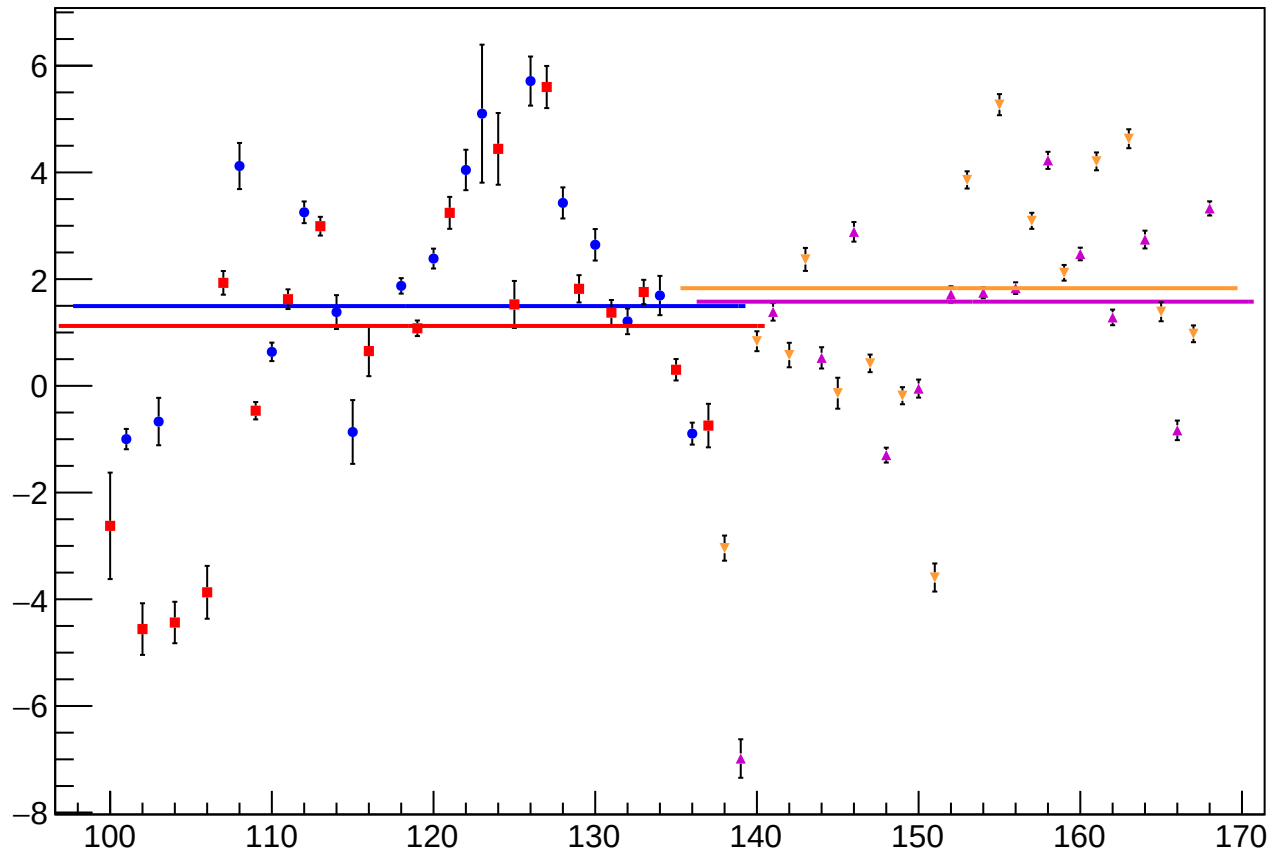
Left In: -18.819+/-0.052 χ^2/NDF : 37929.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.372+/-0.040 χ^2/NDF : 100445.0/30

- 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: 1.830 ± 0.046 χ^2/NDF : 2214.6/15

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

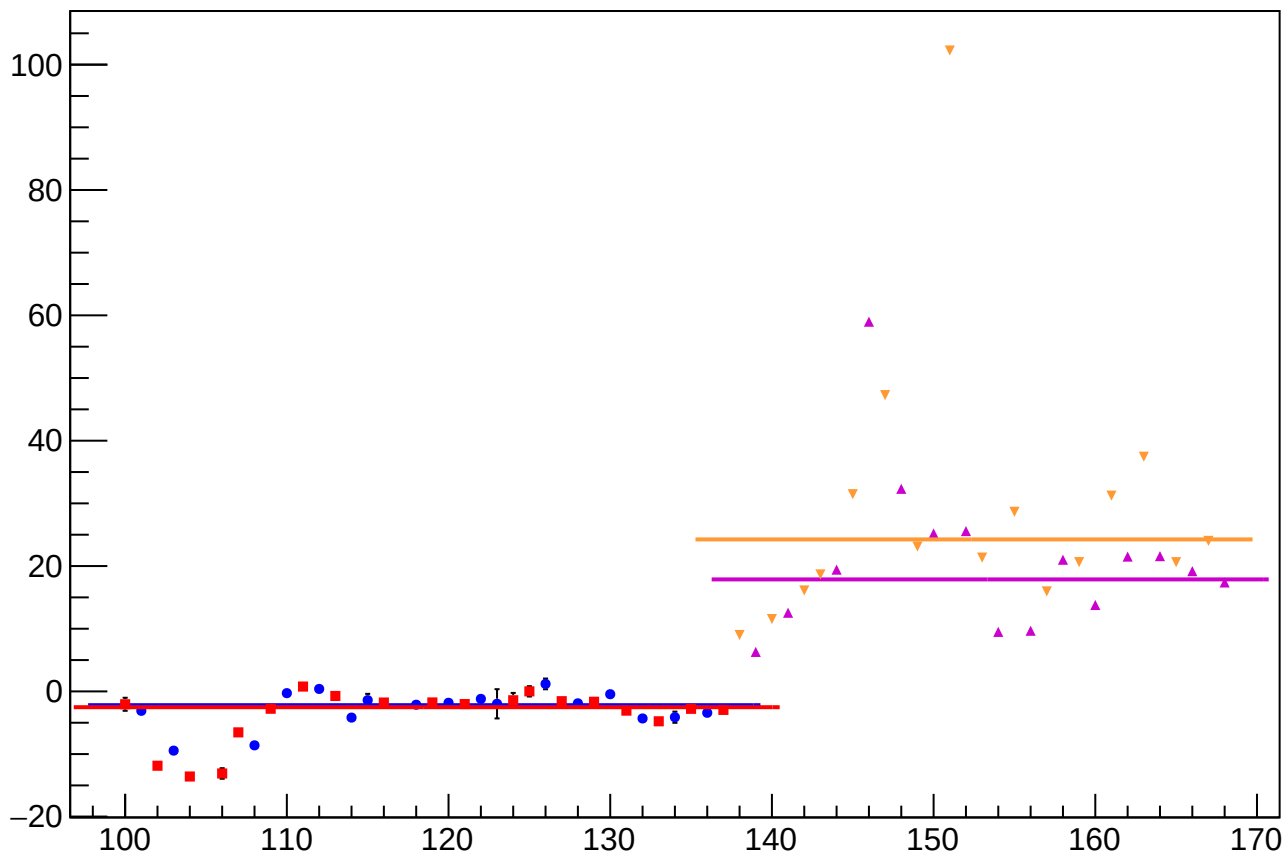
Left In: 1.578 ± 0.038 χ^2/NDF : 1896.3/14

+ sign 1.711 ± 0.037 χ^2/NDF : 2942.8/32

All: 1.558 ± 0.024 χ^2/NDF : 5859.2/66

- sign 1.441 ± 0.032 χ^2/NDF : 2885.5/33

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 24.251 ± 0.060 χ^2/NDF : 50832.0/15

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

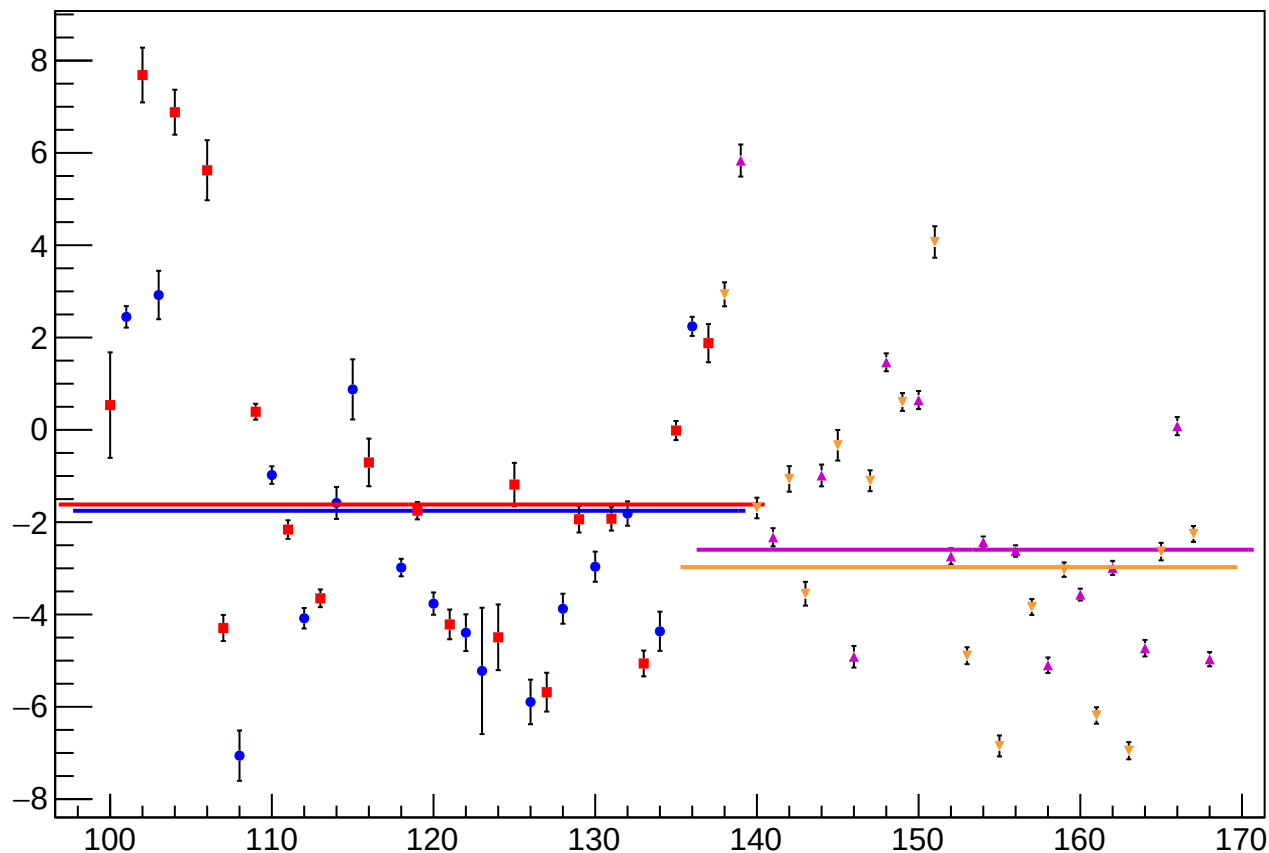
Left In: 17.870 ± 0.050 χ^2/NDF : 35762.6/14

+ sign 18.158 ± 0.053 χ^2/NDF : 95327.2/32

All: 15.539 ± 0.034 χ^2/NDF : 169868.2/66

- sign 13.659 ± 0.045 χ^2/NDF : 70357.8/33

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -2.973 ± 0.052 χ^2/NDF : 2730.5/15

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

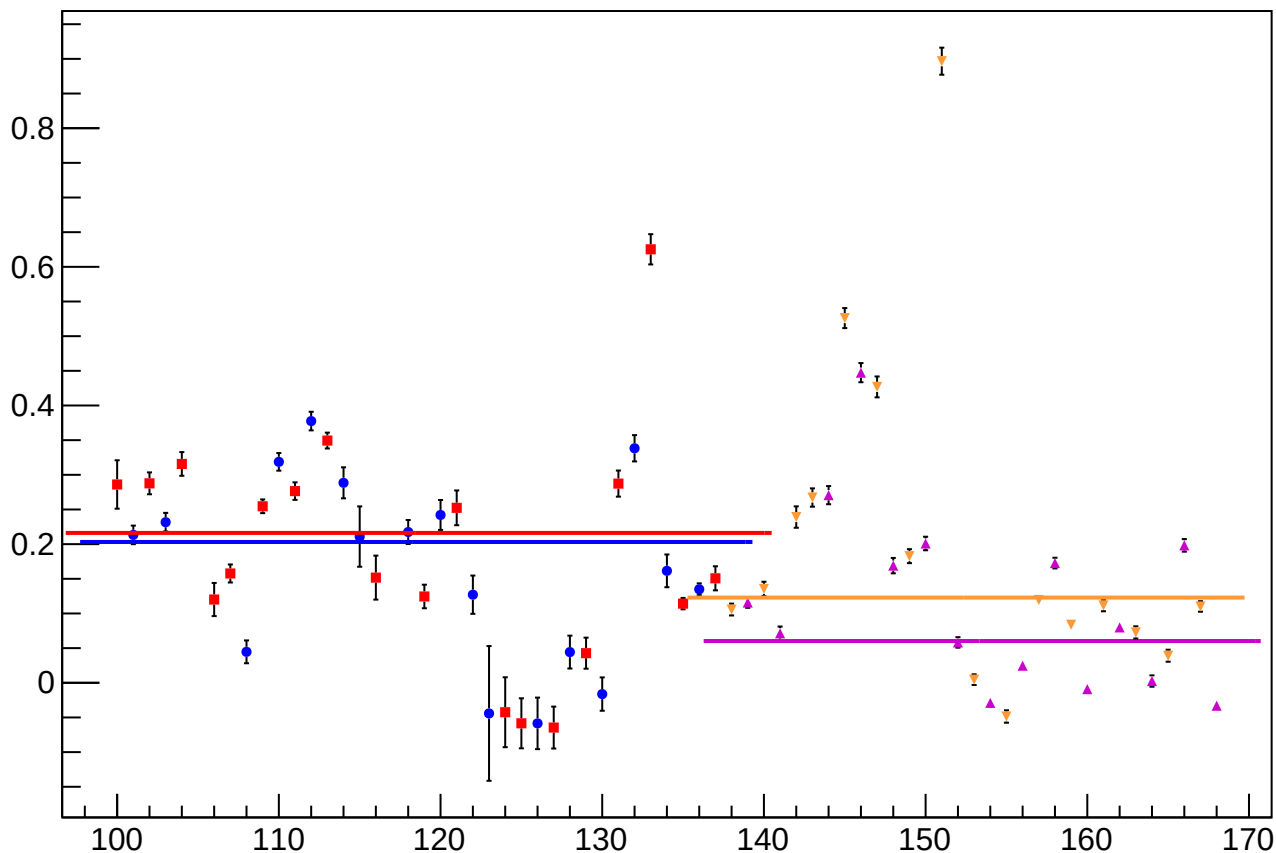
Left In: -2.597 ± 0.043 χ^2/NDF : 2299.3/14

+ sign -2.544 ± 0.042 χ^2/NDF : 4270.7/32

All: -2.404 ± 0.027 χ^2/NDF : 8231.7/66

- sign -2.298 ± 0.036 χ^2/NDF : 3941.3/33

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.123 ± 0.002 χ^2/NDF : 3734.8/15

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

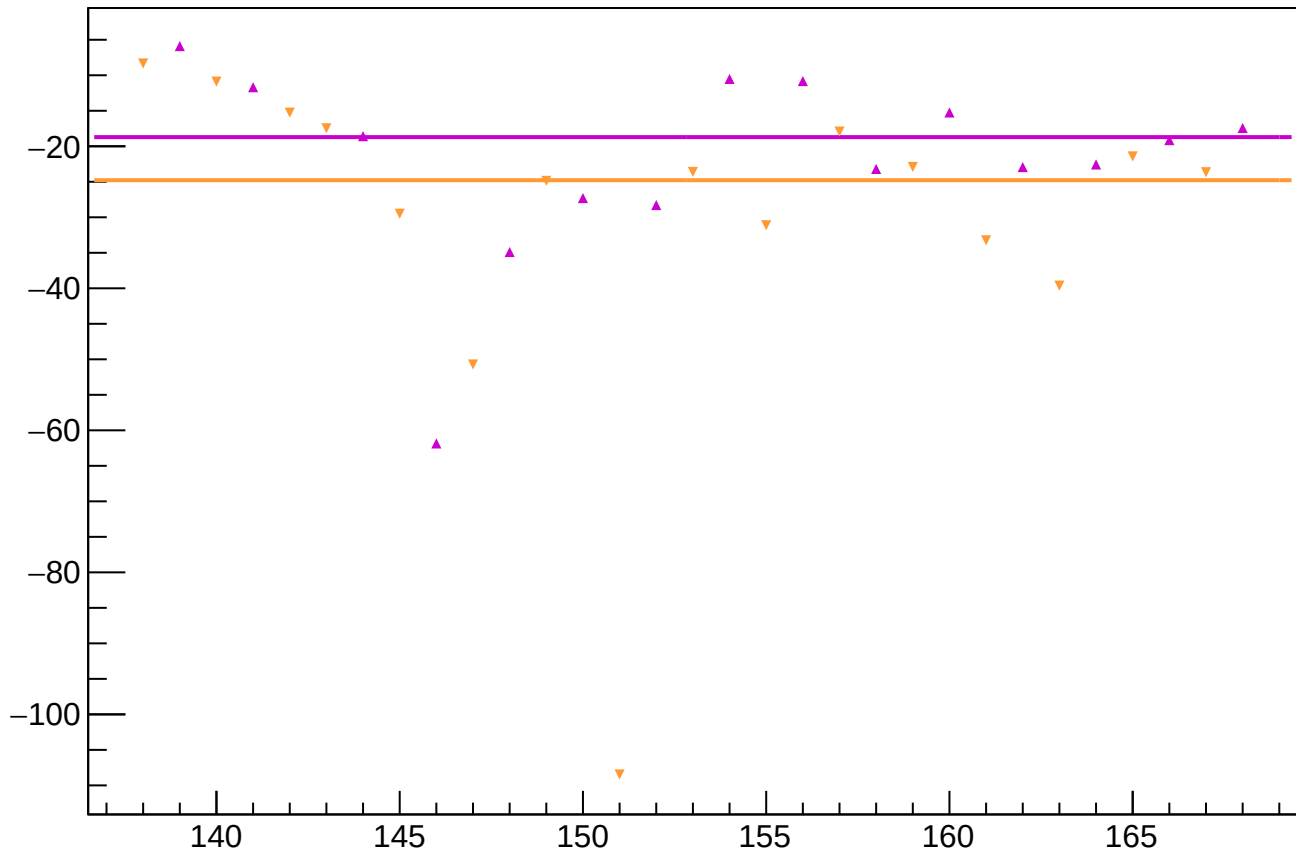
Left In: 0.060 ± 0.002 χ^2/NDF : 2660.3/14

+ sign 0.142 ± 0.002 χ^2/NDF : 4698.0/32

All: 0.113 ± 0.001 χ^2/NDF : 10193.4/66

- sign 0.093 ± 0.002 χ^2/NDF : 5141.0/33

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -24.780 ± 0.061 χ^2/NDF : 56575.8/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

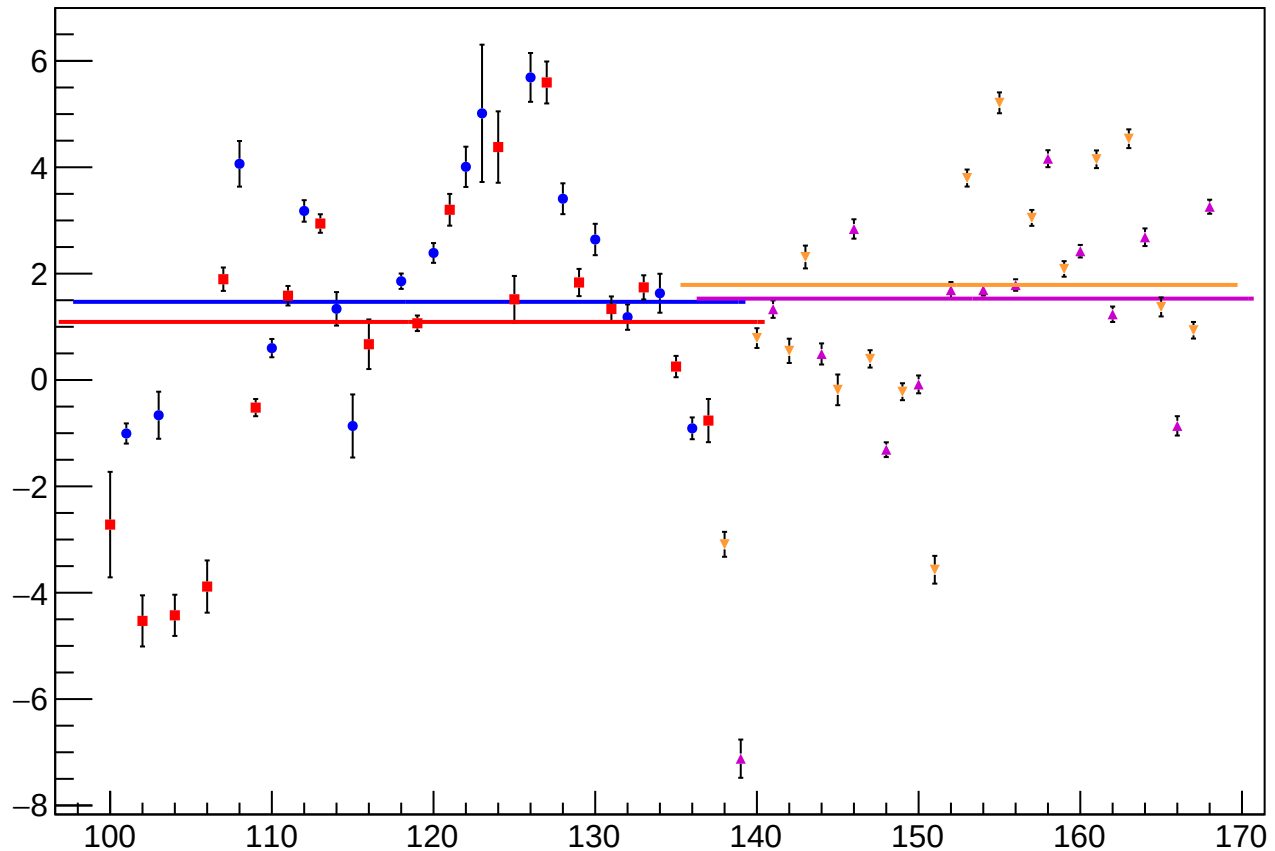
Left In: -18.709 ± 0.052 χ^2/NDF : 37843.5/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.242 ± 0.040 χ^2/NDF : 100161.4/30

- 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: 1.788 $\pm$ 0.045 χ^2/NDF : 2213.7/15

Right Out: 1.092 $\pm$ 0.058 χ^2/NDF : 952.1/18

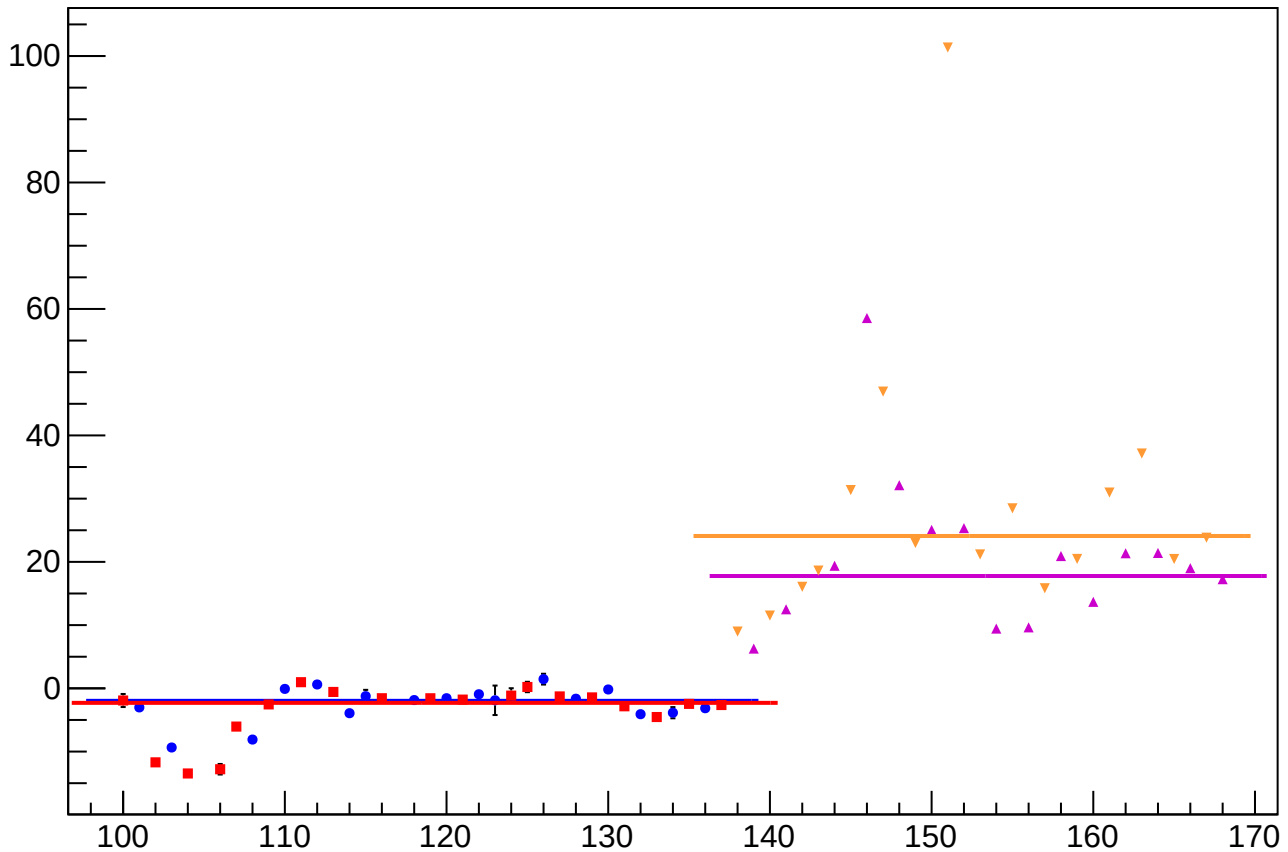
Left In: 1.530 $\pm$ 0.038 χ^2/NDF : 1906.7/14

+ sign 1.674 $\pm$ 0.036 χ^2/NDF : 2939.2/32

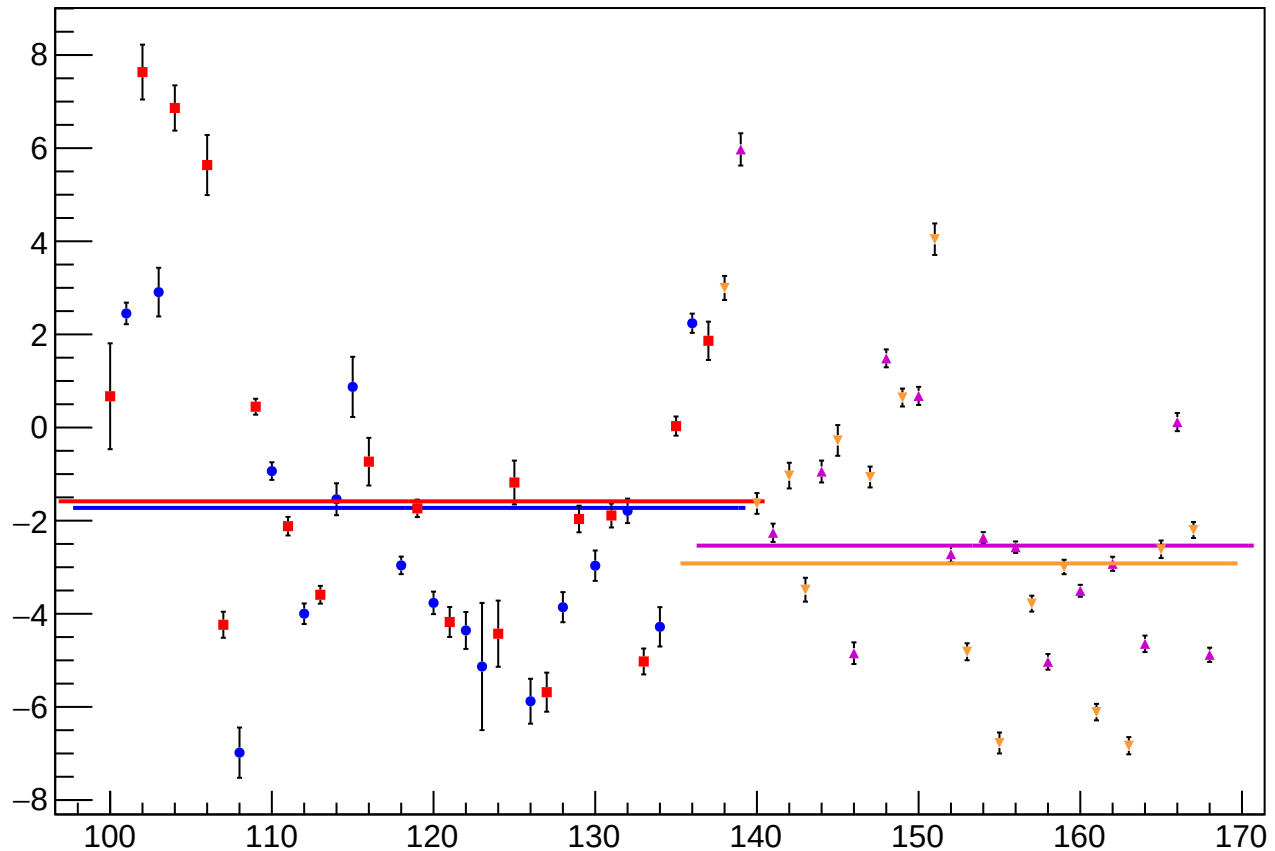
All: 1.518 $\pm$ 0.024 χ^2/NDF : 5870.8/66

- sign 1.399 $\pm$ 0.032 χ^2/NDF : 2898.9/33

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726+/-0.070 χ^2/NDF : 1341.5/16

Left Out: -2.918+/-0.051 χ^2/NDF : 2728.2/15

Right Out: -1.584+/-0.065 χ^2/NDF : 1492.8/18

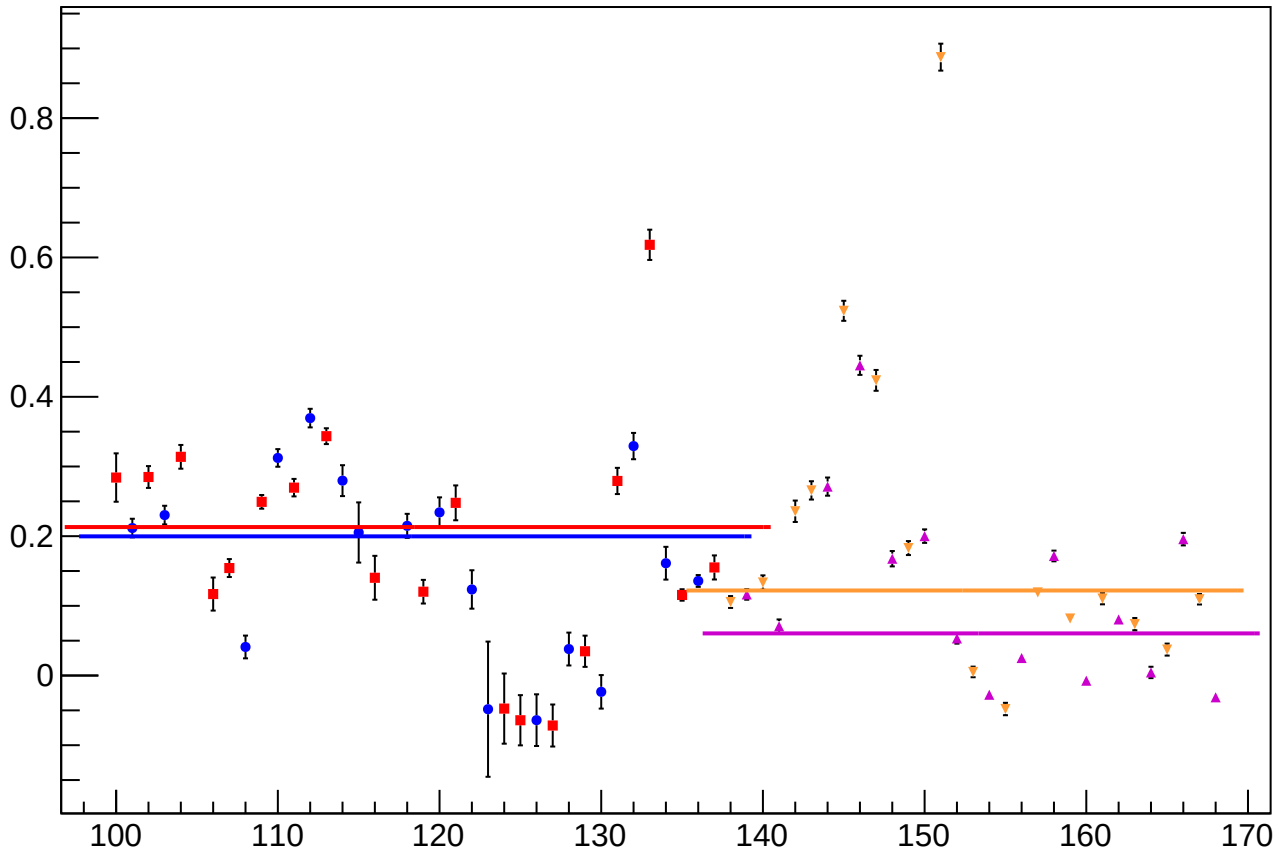
Left In: -2.536+/-0.043 χ^2/NDF : 2310.4/14

+ sign -2.500+/-0.041 χ^2/NDF : 4258.1/32

All: -2.356+/-0.027 χ^2/NDF : 8229.8/66

- sign -2.247+/-0.036 χ^2/NDF : 3950.6/33

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 ± 0.004 χ^2/NDF : 662.5/16

Left Out: 0.122 ± 0.002 χ^2/NDF : 3729.7/15

Right Out: 0.213 ± 0.004 χ^2/NDF : 1050.9/18

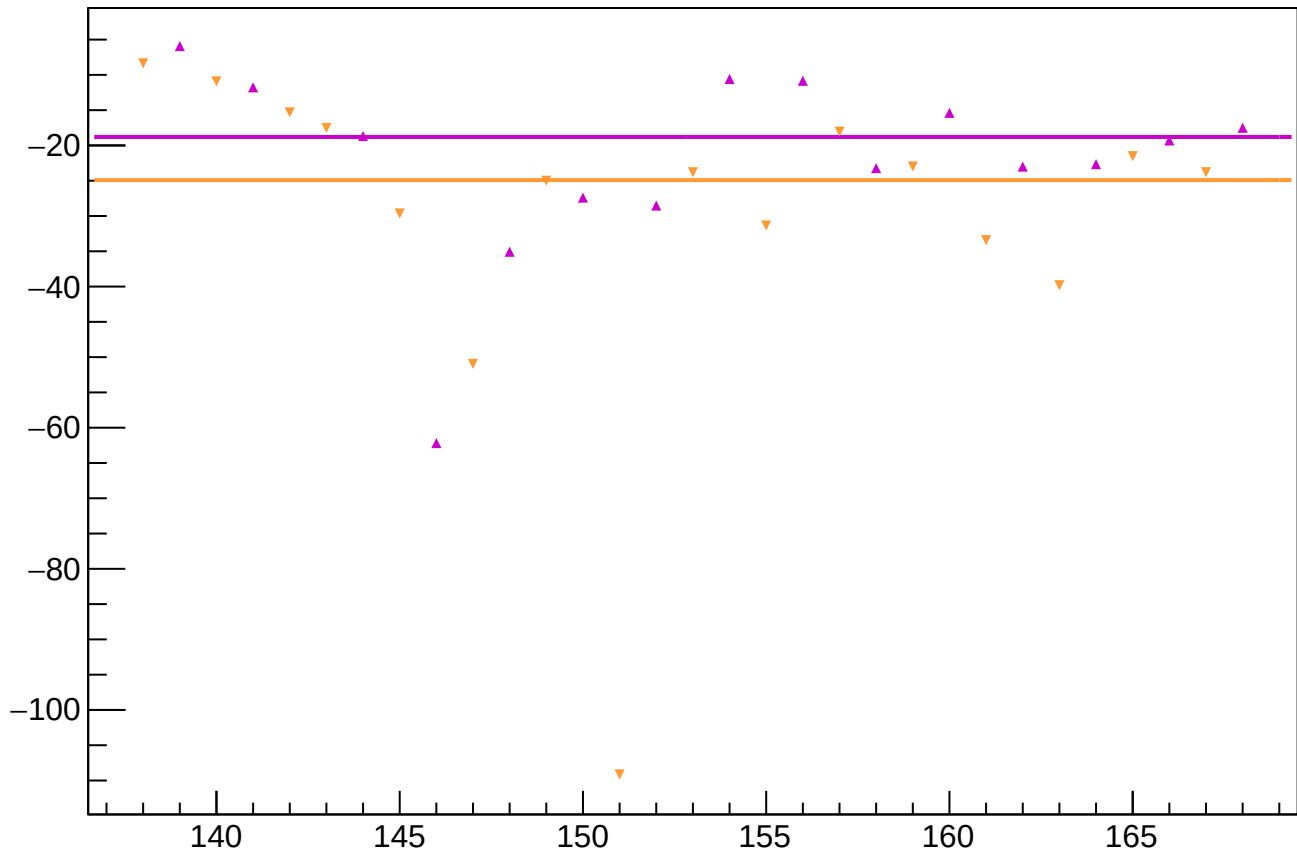
Left In: 0.060 ± 0.002 χ^2/NDF : 2641.0/14

+ sign 0.141 ± 0.002 χ^2/NDF : 4663.1/32

All: 0.112 ± 0.001 χ^2/NDF : 10067.4/66

- sign 0.092 ± 0.002 χ^2/NDF : 5059.5/33

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -24.911+/-0.061 χ^2/NDF : 56702.2/15

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

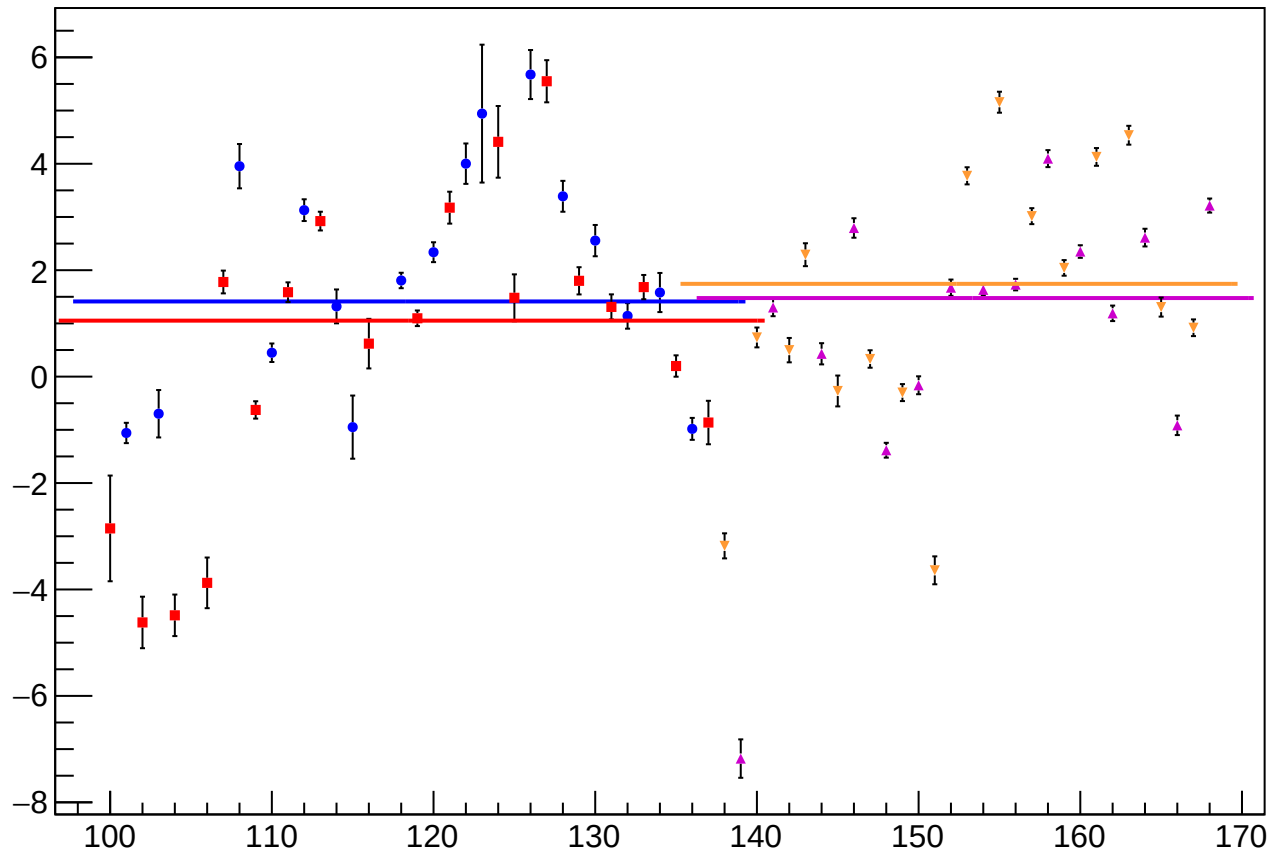
Left In: -18.800+/-0.052 χ^2/NDF : 37903.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.349+/-0.040 χ^2/NDF : 100377.4/30

- 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: 1.743 ± 0.045 χ^2/NDF : 2230.4/15

Right Out: 1.052 ± 0.058 χ^2/NDF : 963.3/18

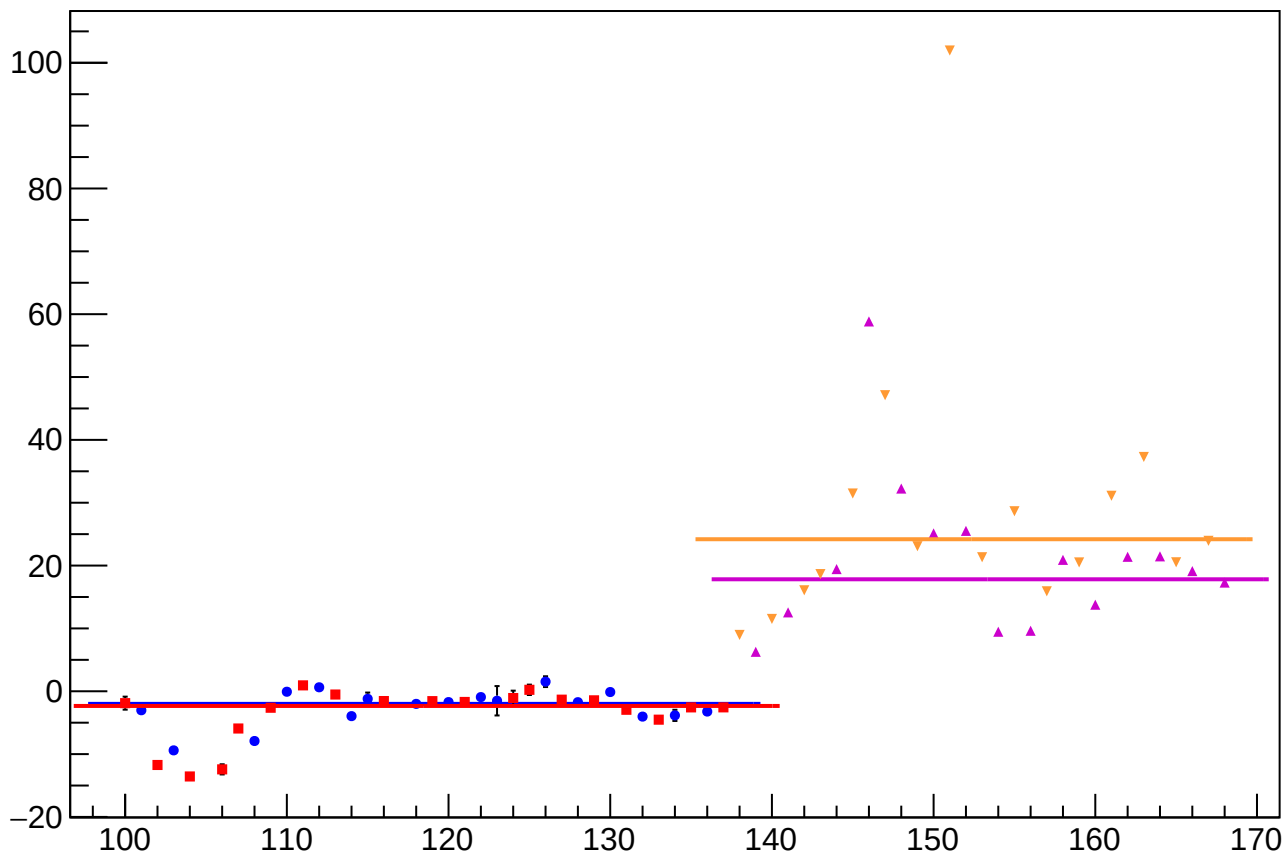
Left In: 1.476 ± 0.038 χ^2/NDF : 1897.3/14

+ sign 1.626 ± 0.036 χ^2/NDF : 2963.2/32

All: 1.469 ± 0.024 χ^2/NDF : 5893.8/66

- sign 1.349 ± 0.032 χ^2/NDF : 2897.9/33

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 24.191 ± 0.060 χ^2/NDF : 50803.3/15

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

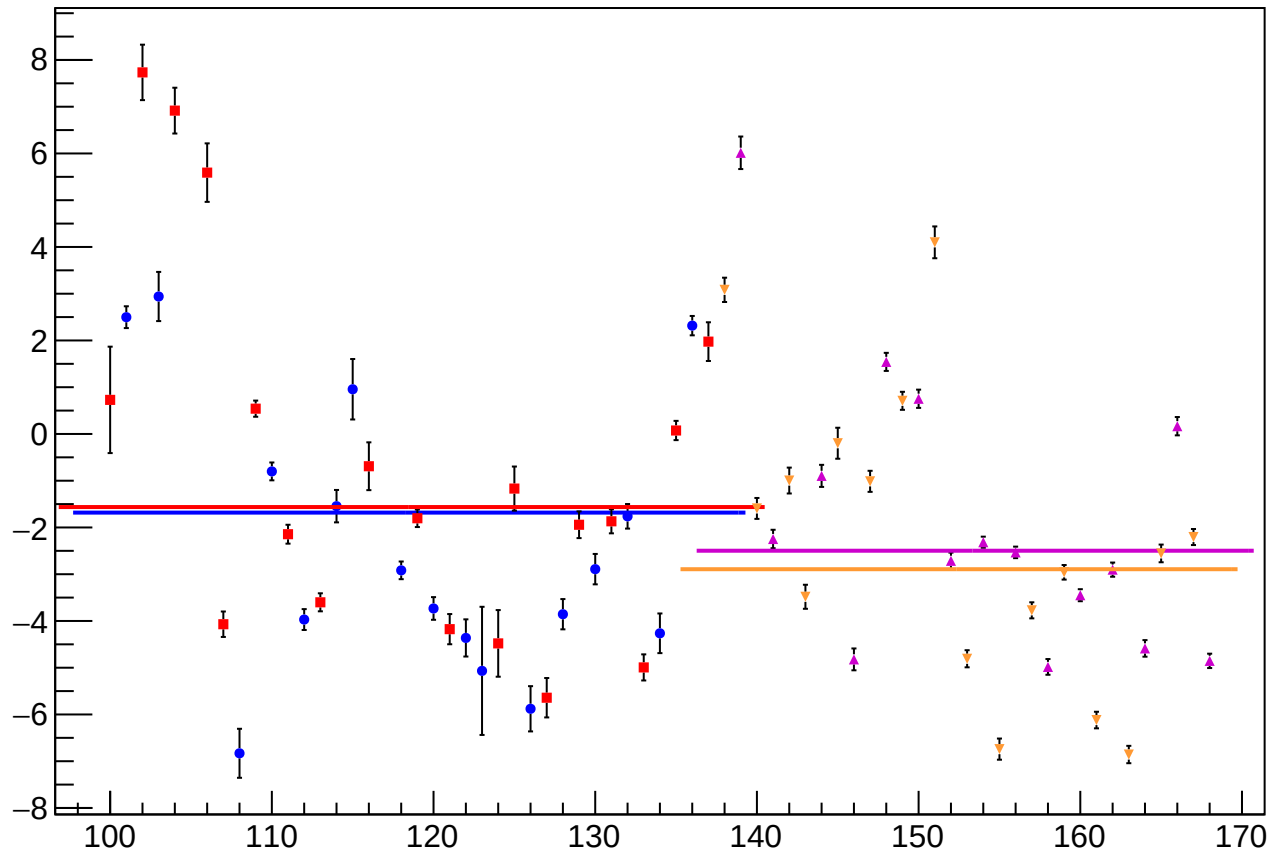
Left In: 17.817 ± 0.050 χ^2/NDF : 35759.2/14

+ sign 18.181 ± 0.053 χ^2/NDF : 94482.2/32

All: 15.554 ± 0.034 χ^2/NDF : 168335.0/66

- sign 13.669 ± 0.045 χ^2/NDF : 69629.9/33

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 $\pm$ 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.893 $\pm$ 0.052 χ^2/NDF : 2751.9/15

Right Out: -1.563 $\pm$ 0.066 χ^2/NDF : 1504.7/18

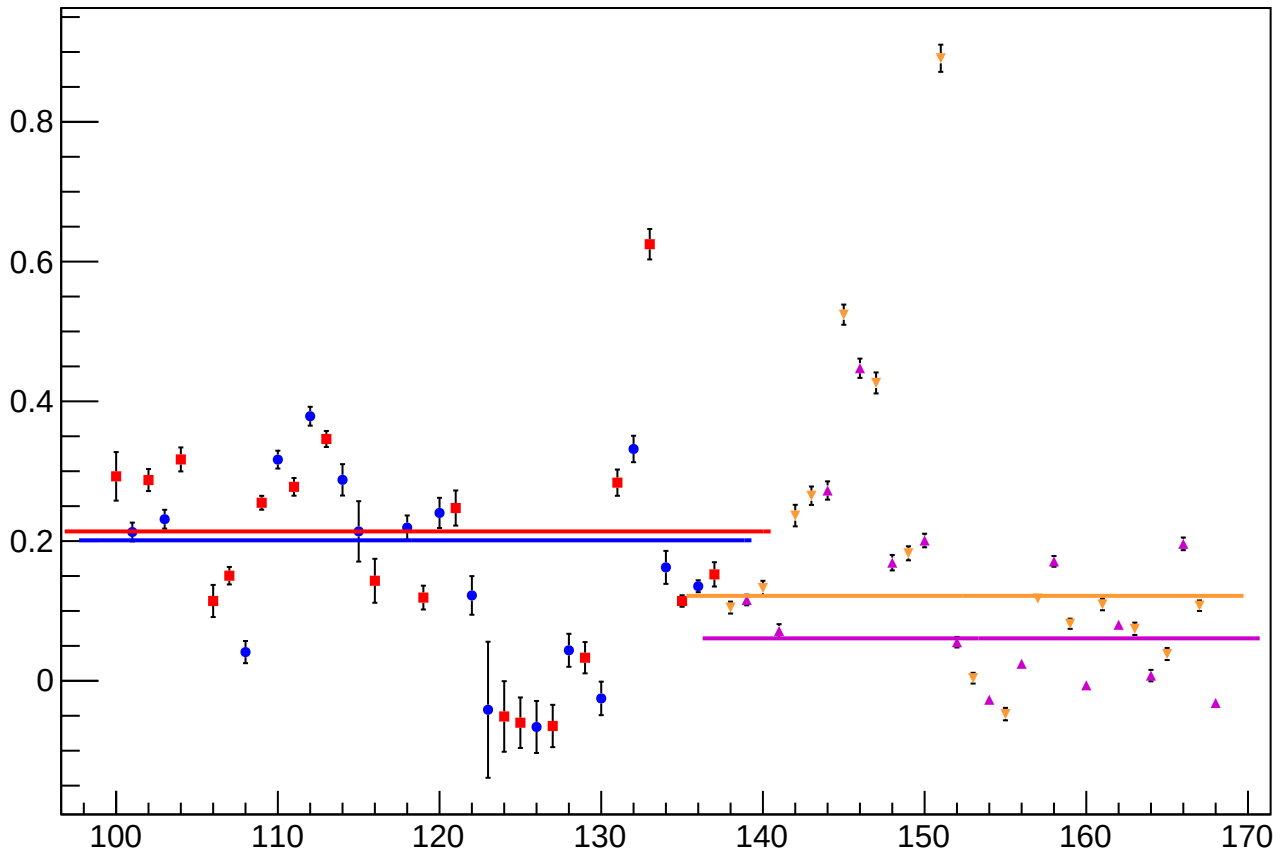
Left In: -2.498 $\pm$ 0.043 χ^2/NDF : 2301.8/14

+ sign -2.468 $\pm$ 0.042 χ^2/NDF : 4292.3/32

All: -2.323 $\pm$ 0.027 χ^2/NDF : 8261.1/66

- sign -2.214 $\pm$ 0.036 χ^2/NDF : 3947.5/33

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.122 ± 0.002 χ^2/NDF : 3718.0/15

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

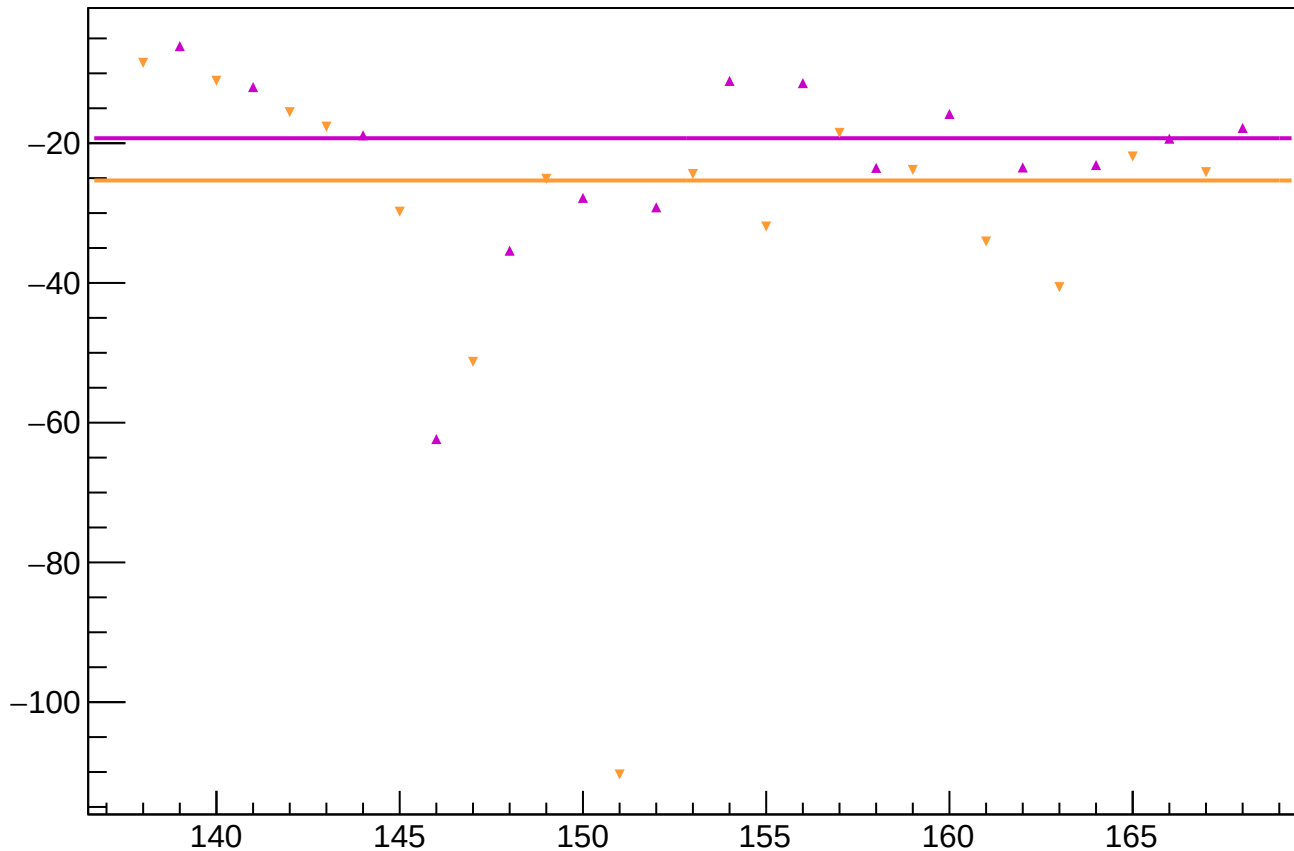
Left In: 0.061 ± 0.002 χ^2/NDF : 2626.3/14

+ sign 0.141 ± 0.002 χ^2/NDF : 4690.7/32

All: 0.112 ± 0.001 χ^2/NDF : 10104.8/66

- sign 0.093 ± 0.002 χ^2/NDF : 5078.6/33

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -25.334+/-0.062 χ^2/NDF : 56629.1/15

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

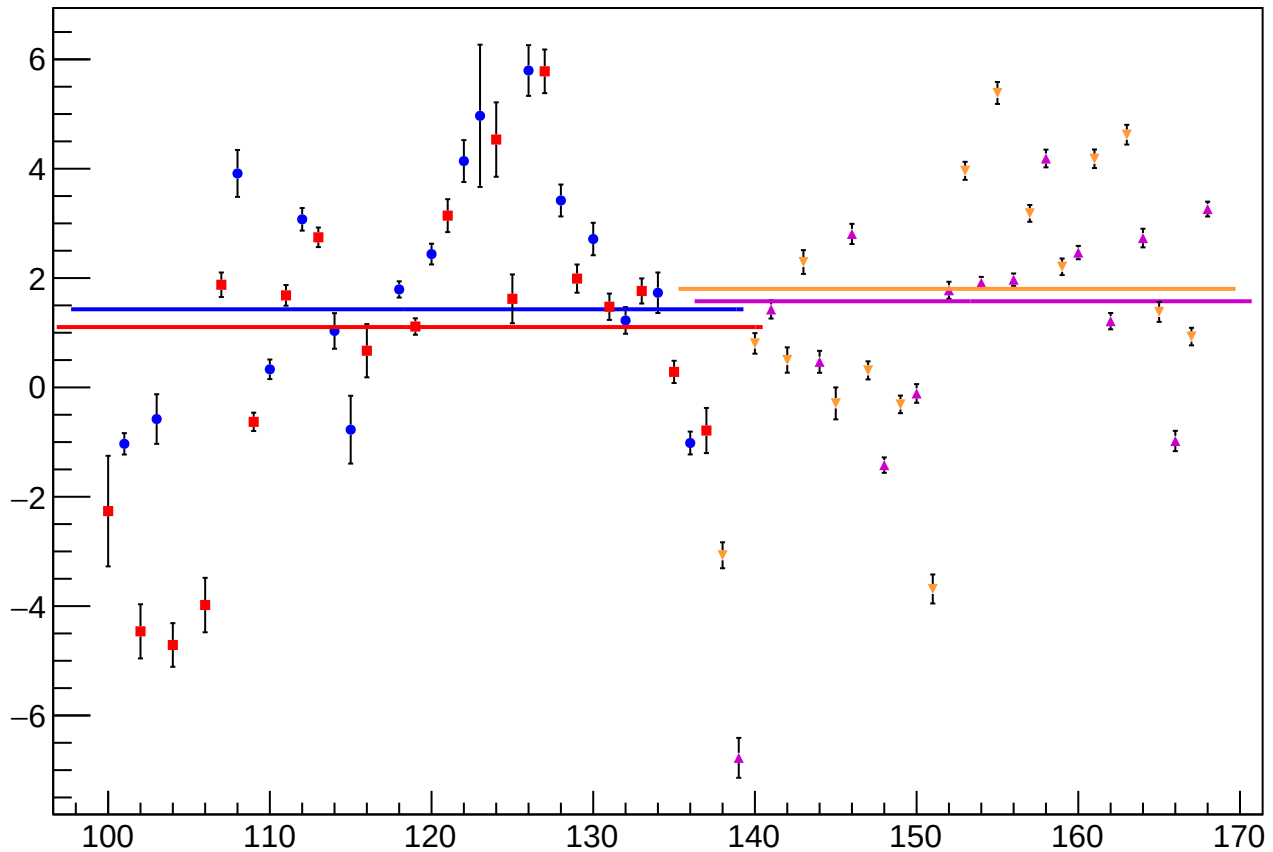
Left In: -19.287+/-0.053 χ^2/NDF : 36798.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.828+/-0.041 χ^2/NDF : 98856.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 $\pm$ 0.062 χ^2 /NDF: 711.4/16

Left Out: 1.803 $\pm$ 0.046 χ^2 /NDF:2270.8/15

Right Out: 1.104 $\pm$ 0.059 χ^2 /NDF: 936.5/18

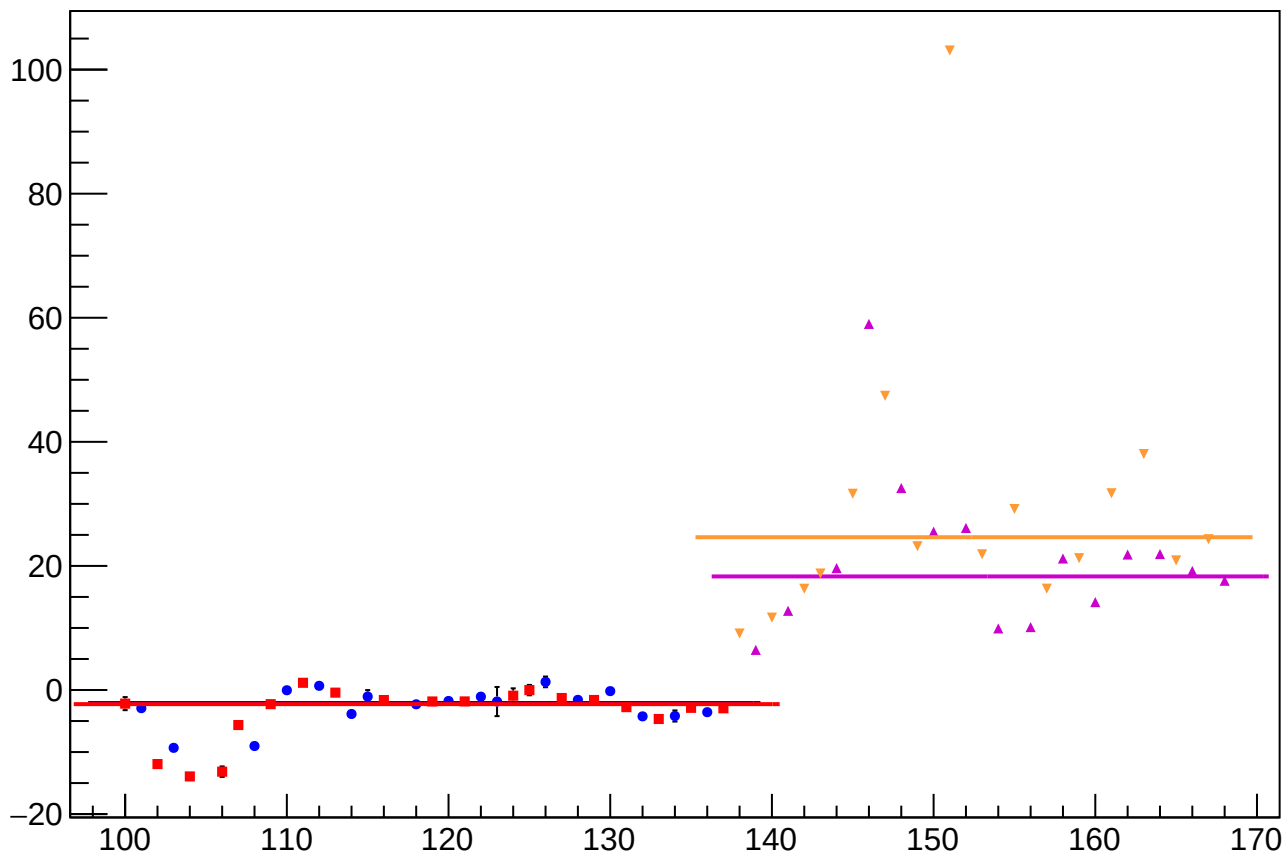
Left In: 1.576 $\pm$ 0.039 χ^2 /NDF:1883.4/14

+ sign 1.670 $\pm$ 0.037 χ^2 /NDF: 3005.6/32

All: 1.536 $\pm$ 0.024 χ^2 /NDF: 5892.6/66

- sign 1.433 $\pm$ 0.033 χ^2 /NDF: 2864.1/33

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 $\chi^2/\text{NDF}: 486.5/16$

Left Out: 24.626 ± 0.061 $\chi^2/\text{NDF}: 50583.4/15$

Right Out: -2.278 ± 0.101 $\chi^2/\text{NDF}: 918.6/18$

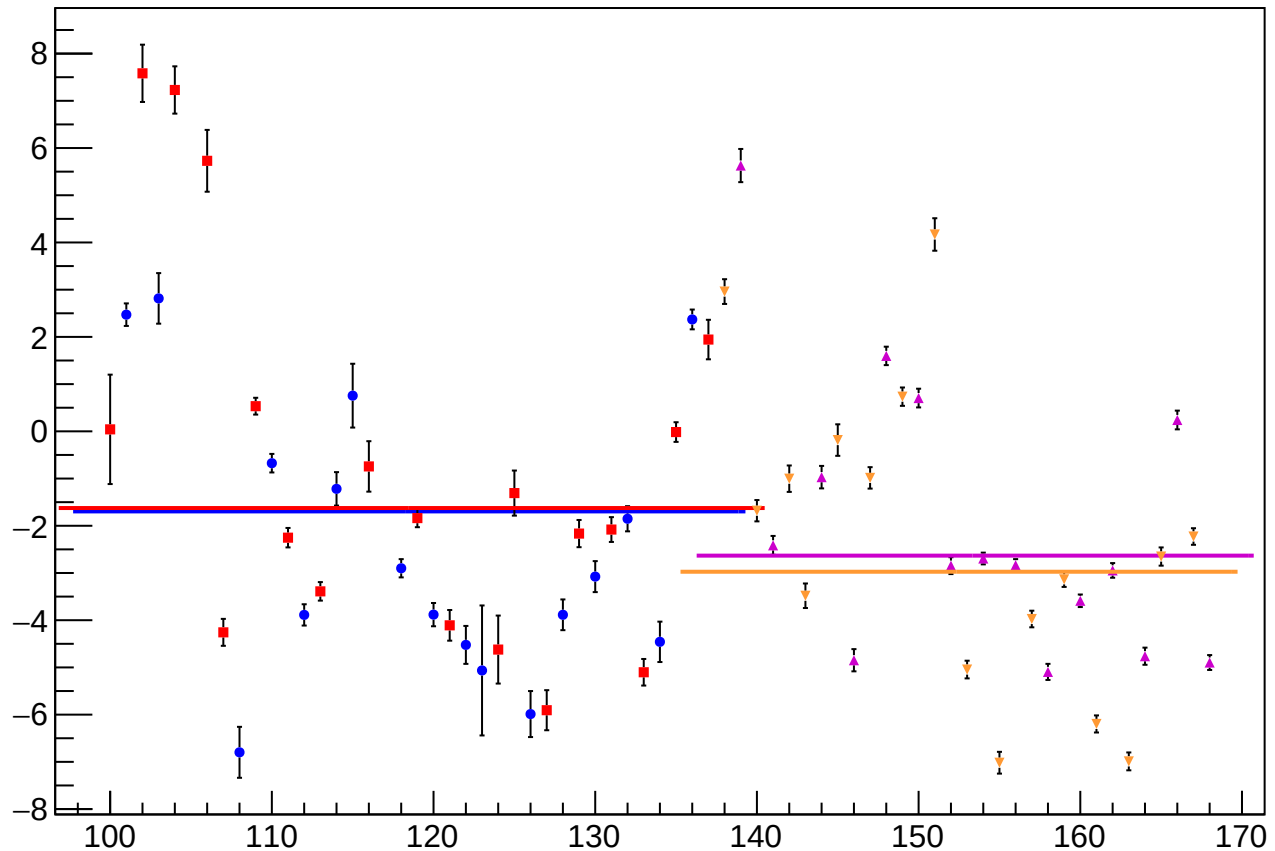
Left In: 18.306 ± 0.052 $\chi^2/\text{NDF}: 34529.7/14$

+ sign 18.493 ± 0.054 $\chi^2/\text{NDF}: 94462.9/32$

All: 15.917 ± 0.035 $\chi^2/\text{NDF}: 166783.9/66$

- sign 14.047 ± 0.046 $\chi^2/\text{NDF}: 68384.4/33$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -2.974 ± 0.053 χ^2/NDF : 2791.7/15

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

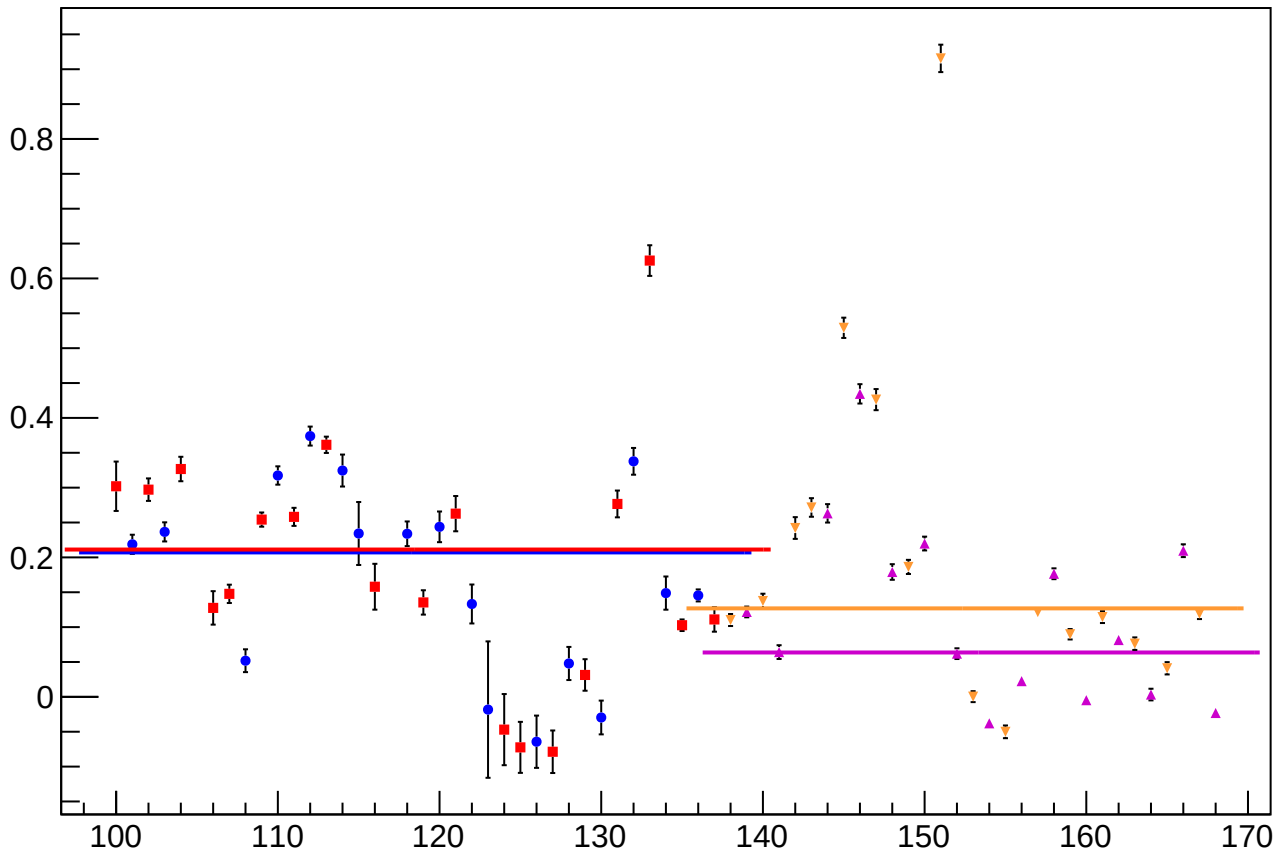
Left In: -2.632 ± 0.044 χ^2/NDF : 2265.6/14

+ sign -2.525 ± 0.042 χ^2/NDF : 4332.0/32

All: -2.411 ± 0.028 χ^2/NDF : 8234.8/66

- sign -2.324 ± 0.037 χ^2/NDF : 3890.2/33

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 $\pm$ 0.004 χ^2/NDF : 656.3/16

Left Out: 0.127 $\pm$ 0.002 χ^2/NDF : 3765.8/15

Right Out: 0.211 $\pm$ 0.004 χ^2/NDF : 1145.7/18

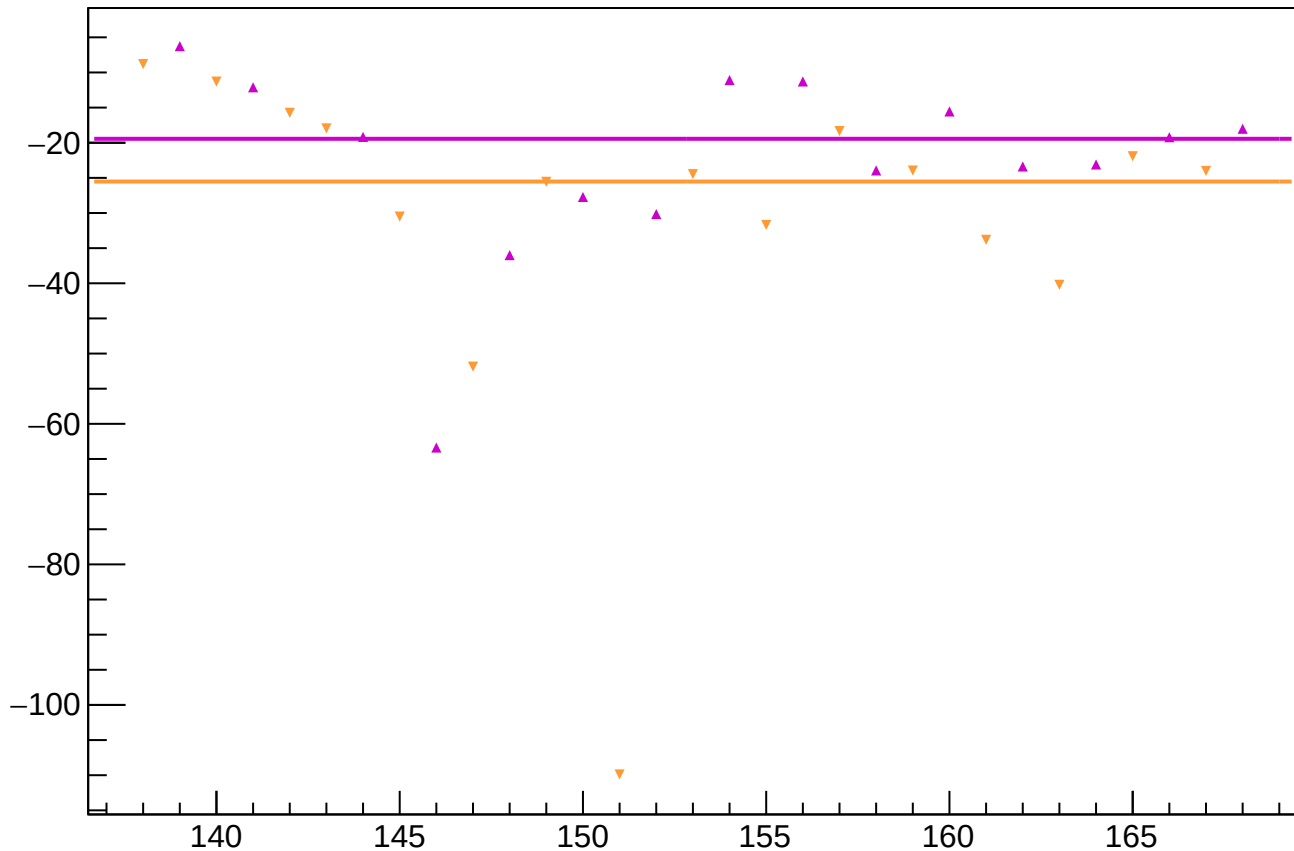
Left In: 0.064 $\pm$ 0.002 χ^2/NDF : 2660.9/14

+ sign 0.146 $\pm$ 0.002 χ^2/NDF : 4699.1/32

All: 0.116 $\pm$ 0.001 χ^2/NDF : 10095.9/66

- sign 0.095 $\pm$ 0.002 χ^2/NDF : 5026.8/33

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -25.523+/-0.063 χ^2/NDF : 55413.5/15

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

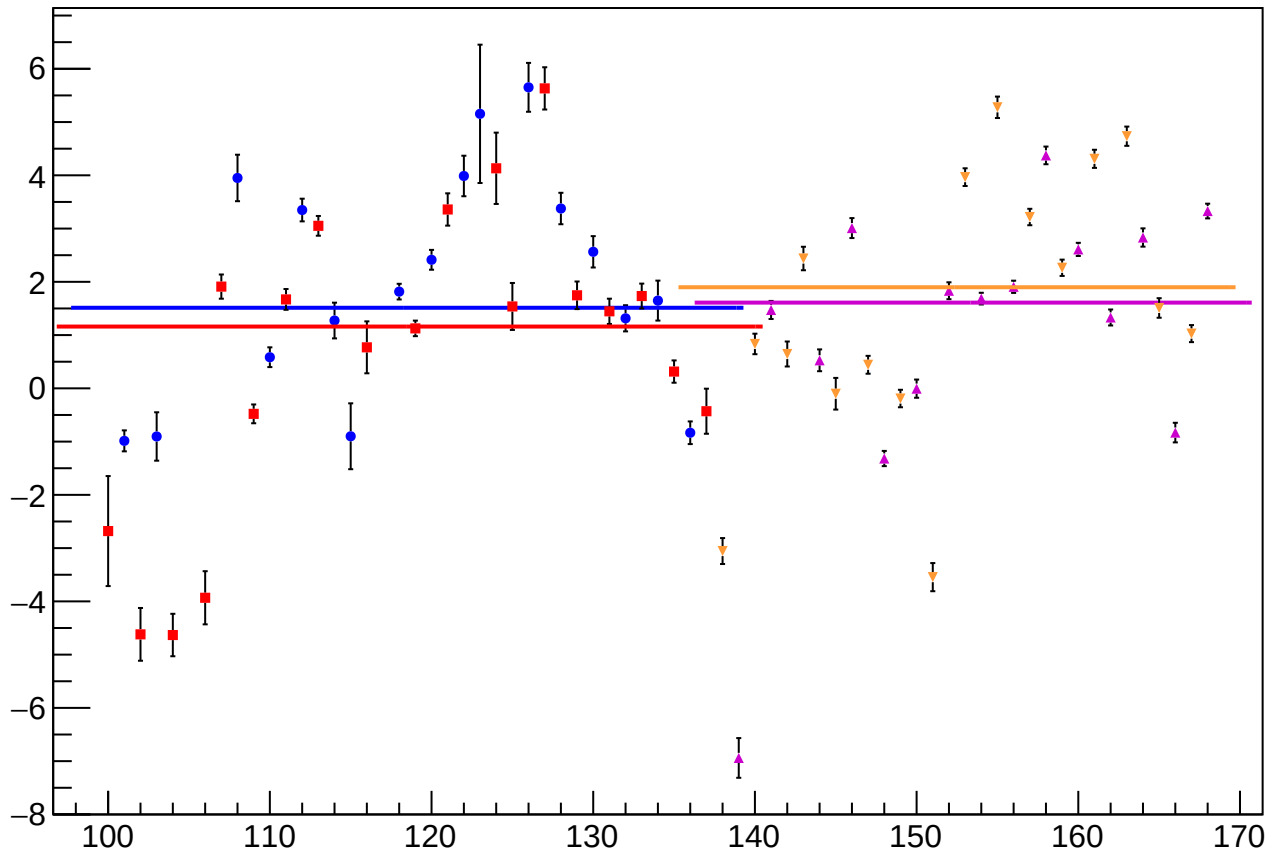
Left In: -19.440+/-0.054 χ^2/NDF : 37047.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.009+/-0.041 χ^2/NDF : 97838.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 $\pm$ 0.063 χ^2/NDF : 669.7/16

Left Out: 1.898 $\pm$ 0.047 χ^2/NDF : 2182.7/15

Right Out: 1.160 $\pm$ 0.060 χ^2/NDF : 917.0/18

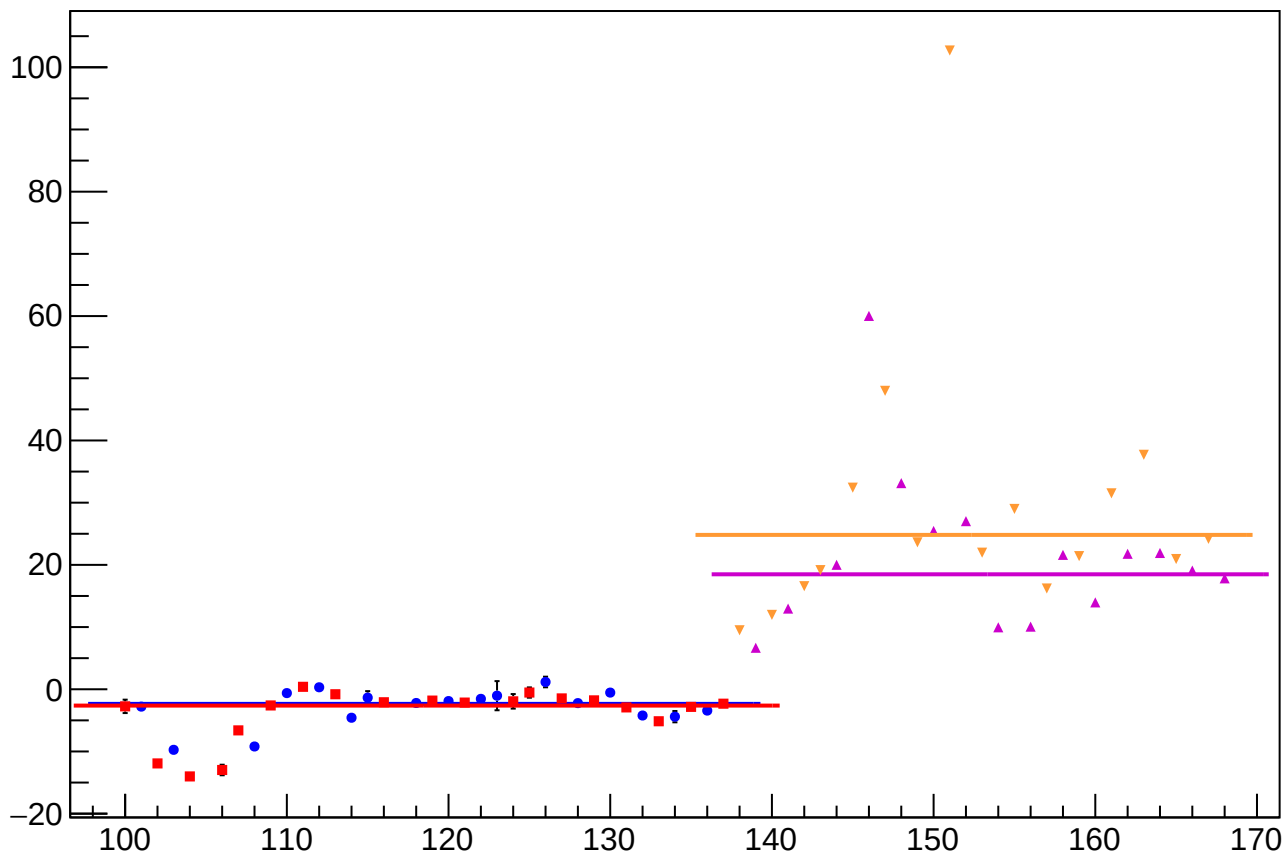
Left In: 1.610 $\pm$ 0.040 χ^2/NDF : 1855.1/14

+ sign 1.761 $\pm$ 0.037 χ^2/NDF : 2876.7/32

All: 1.600 $\pm$ 0.025 χ^2/NDF : 5721.2/66

- sign 1.474 $\pm$ 0.033 χ^2/NDF : 2811.2/33

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 24.819 ± 0.062 χ^2/NDF : 49627.6/15

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

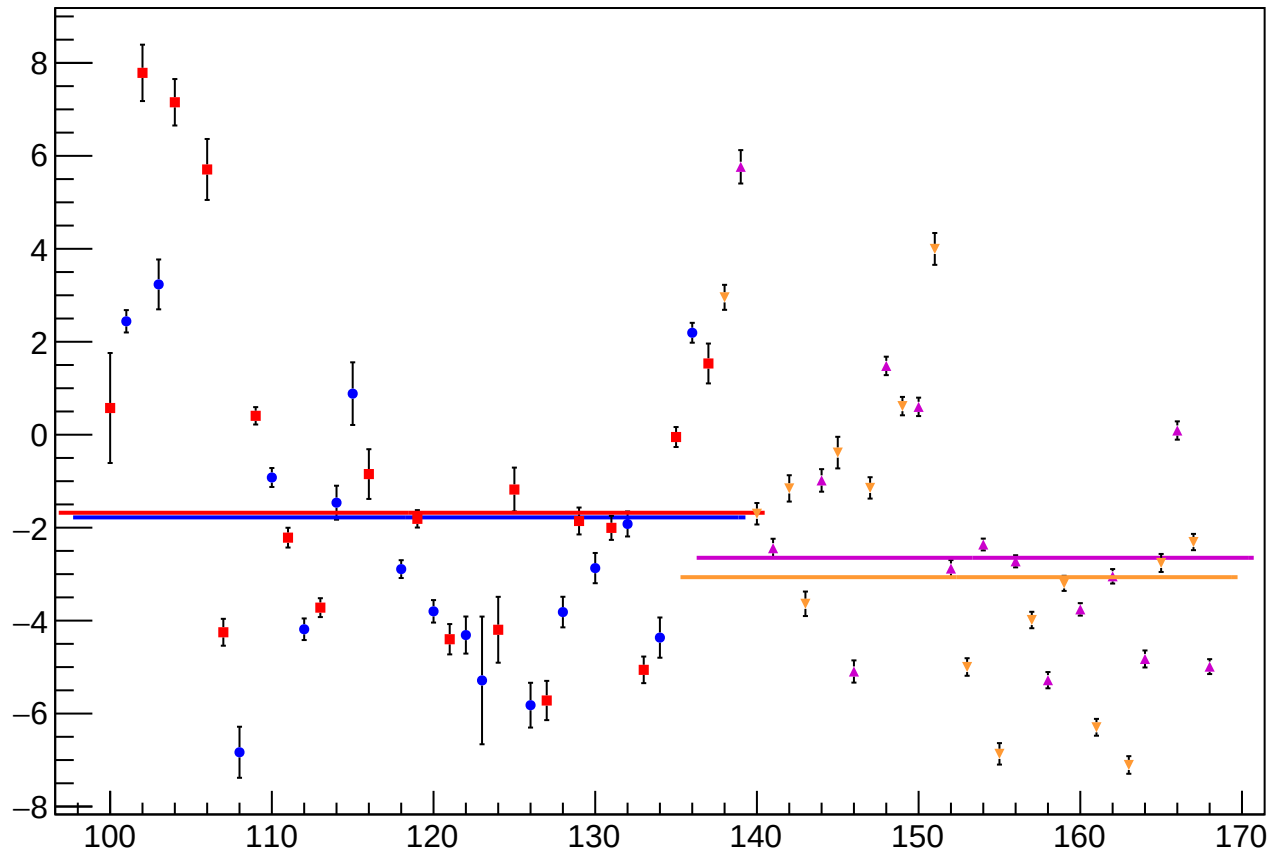
Left In: 18.483 ± 0.052 χ^2/NDF : 34811.8/14

+ sign 18.646 ± 0.054 χ^2/NDF : 93730.0/32

All: 16.065 ± 0.035 χ^2/NDF : 166539.2/66

- sign 14.172 ± 0.047 χ^2/NDF : 68918.6/33

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 $\pm$ 0.072 χ^2/NDF : 1272.1/16

Left Out: -3.065 $\pm$ 0.053 χ^2/NDF : 2686.0/15

Right Out: -1.679 $\pm$ 0.068 χ^2/NDF : 1429.6/18

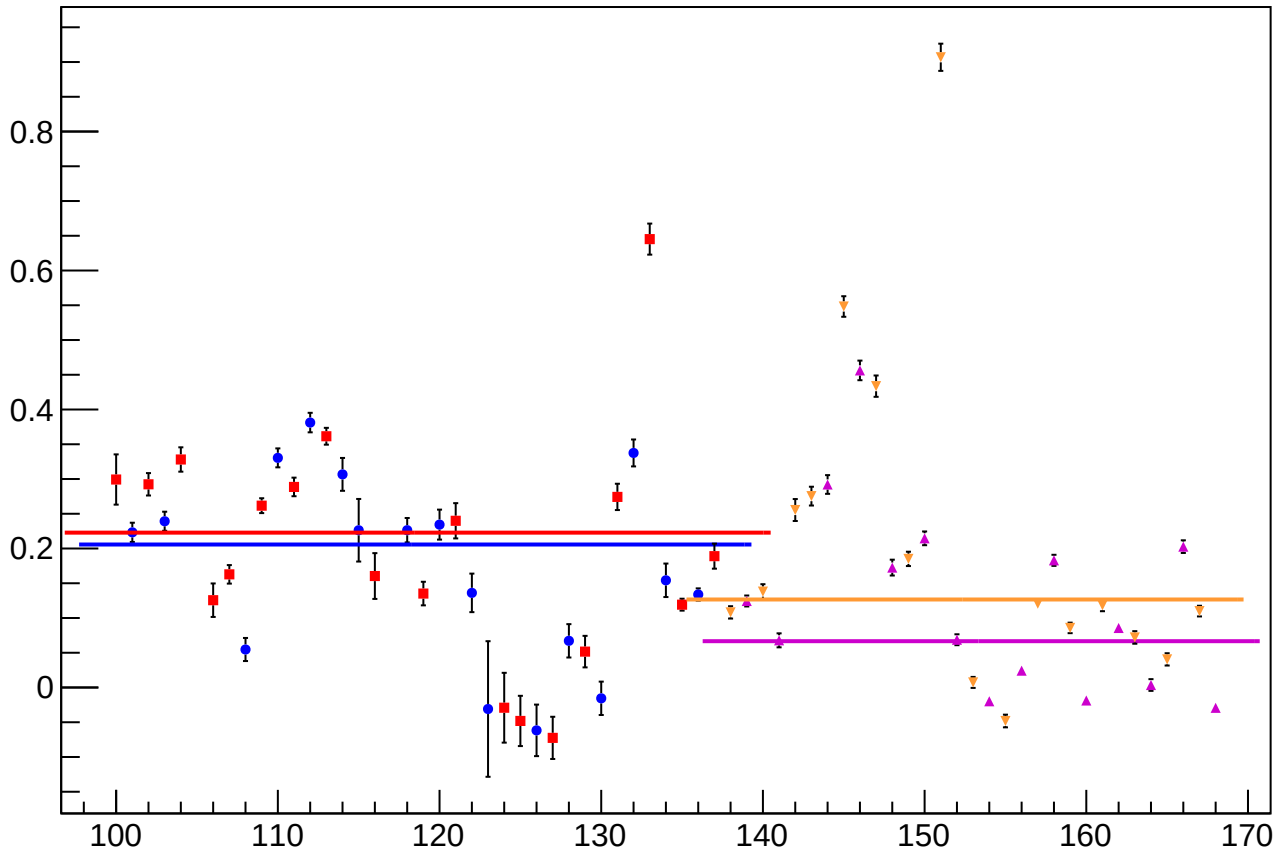
Left In: -2.648 $\pm$ 0.045 χ^2/NDF : 2259.0/14

+ sign -2.615 $\pm$ 0.043 χ^2/NDF : 4163.8/32

All: -2.467 $\pm$ 0.028 χ^2/NDF : 8014.8/66

- sign -2.352 $\pm$ 0.038 χ^2/NDF : 3829.7/33

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: 0.127 $\pm$ 0.002 χ^2 /NDF: 3785.3/15

Right Out: 0.223 $\pm$ 0.004 χ^2 /NDF: 1042.2/18

Left In: 0.067 $\pm$ 0.002 χ^2 /NDF: 2674.0/14

+ sign 0.146 $\pm$ 0.002 χ^2 /NDF: 4699.9/32

All: 0.118 $\pm$ 0.001 χ^2 /NDF: 10023.1/66

- sign 0.099 $\pm$ 0.002 χ^2 /NDF: 5030.8/33