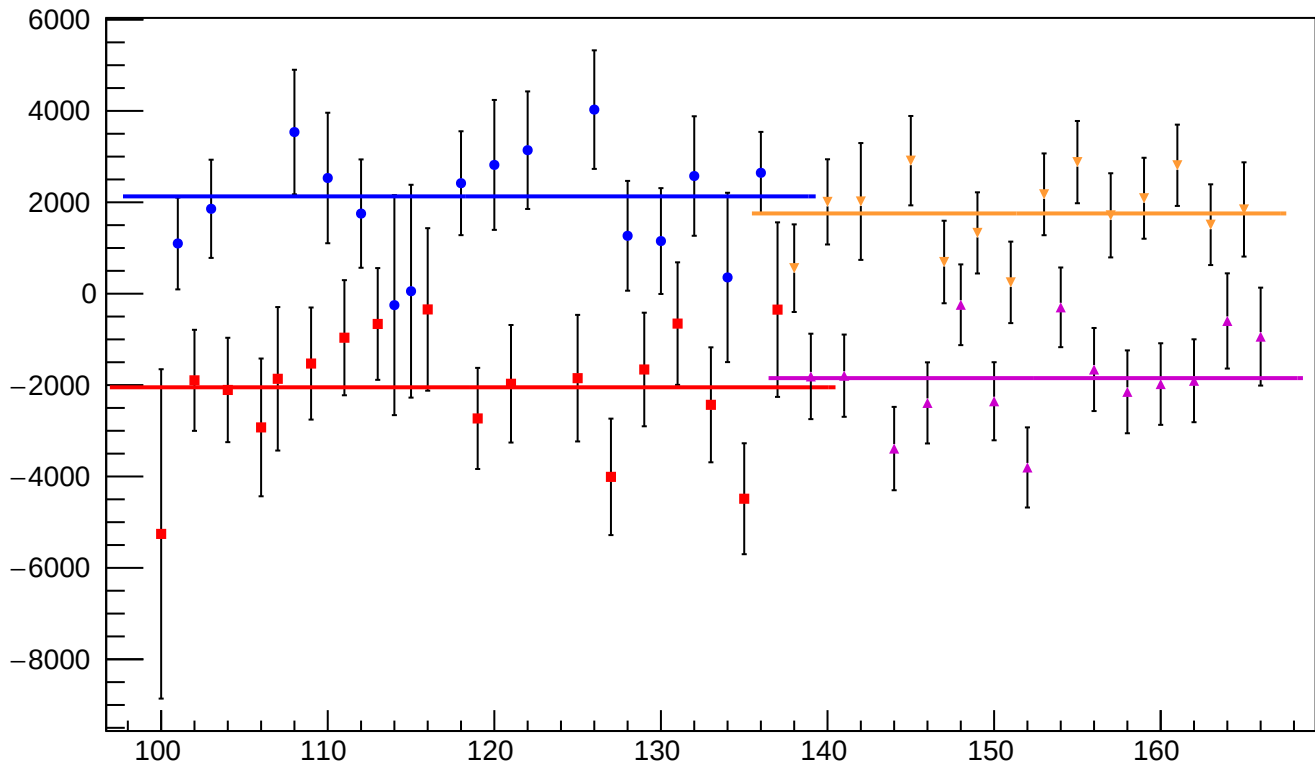


dit_asym_us_avg_mean vs Slug



Right In: 2129.586+/-316.501

χ^2/NDF : 9.8/15

Left Out: 1756.112+/-249.447

χ^2/NDF : 11.0/13

Right Out: -2048.278+/-314.118

χ^2/NDF : 13.2/17

Left In: -1847.462+/-243.926

χ^2/NDF : 17.4/13

+ sign 1899.212+/-195.914

χ^2/NDF : 21.6/29

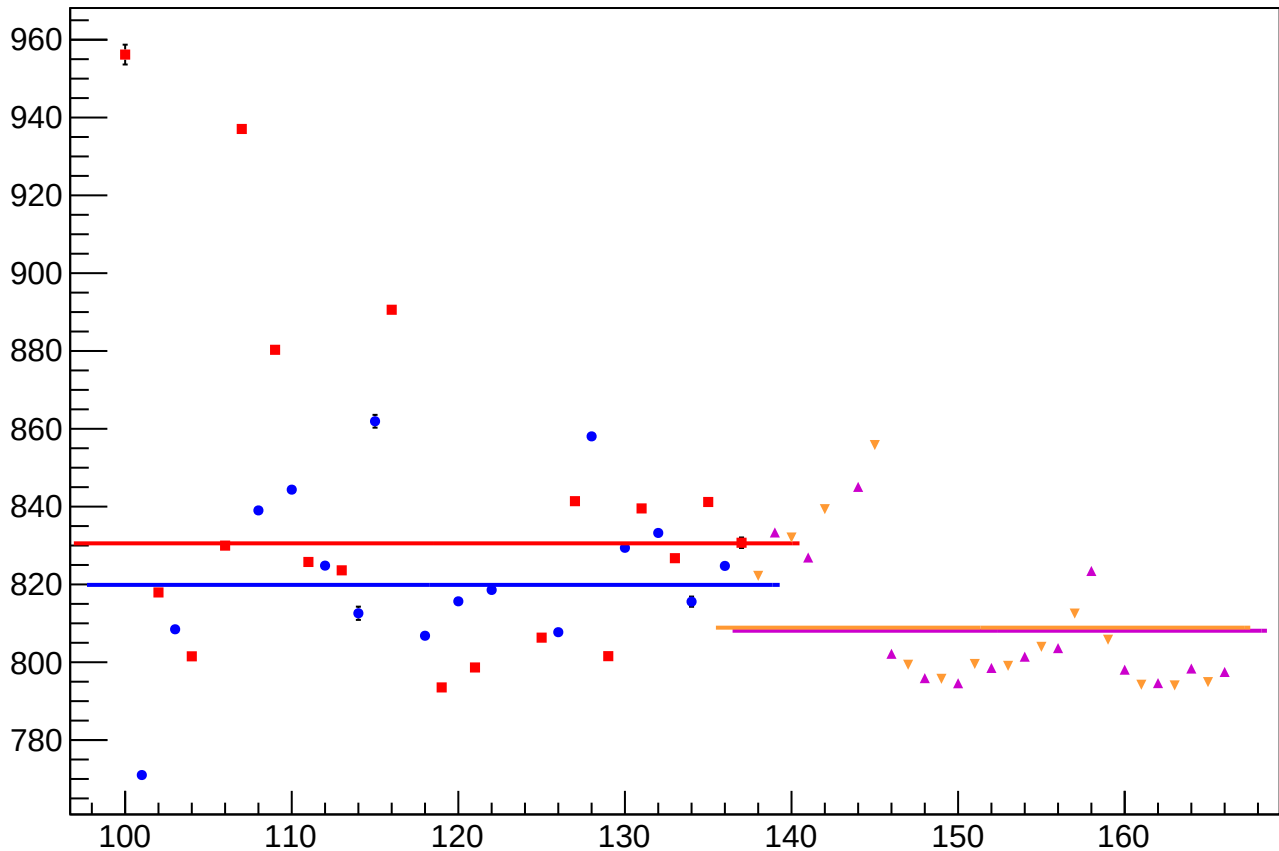
All: -43.912+/-137.367

χ^2/NDF : 245.9/61

- sign -1923.005+/-192.659

χ^2/NDF : 30.8/31

dit_asym_us_avg_rms vs Slug



Right In: 819.883 $\pm$ 0.224 χ^2 /NDF: 9537.8/15

Left Out: 808.887 $\pm$ 0.176 χ^2 /NDF:10077.1/13

Right Out: 830.559 $\pm$ 0.222 χ^2 /NDF: 24429.2/17

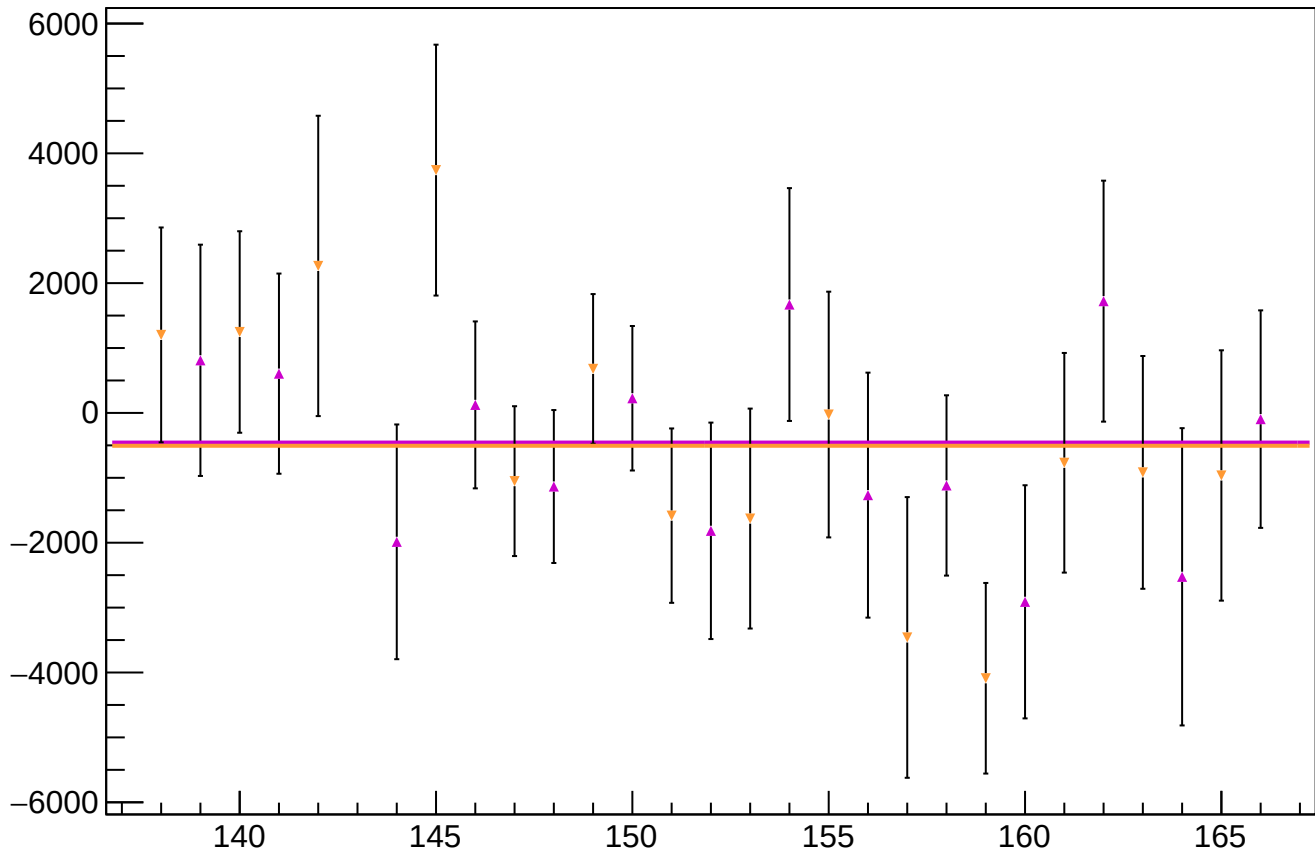
Left In: 808.098 $\pm$ 0.172 χ^2 /NDF:8628.3/13

+ sign 813.100 $\pm$ 0.139 χ^2 /NDF: 21103.9/29

All: 814.853 $\pm$ 0.097 χ^2 /NDF: 60855.0/61

- sign 816.547 $\pm$ 0.136 χ^2 /NDF: 39436.4/31

asym_us_avg_correction_mean vs Slug



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

Left Out: -506.114+/-425.472 χ^2/NDF :19.0/13

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

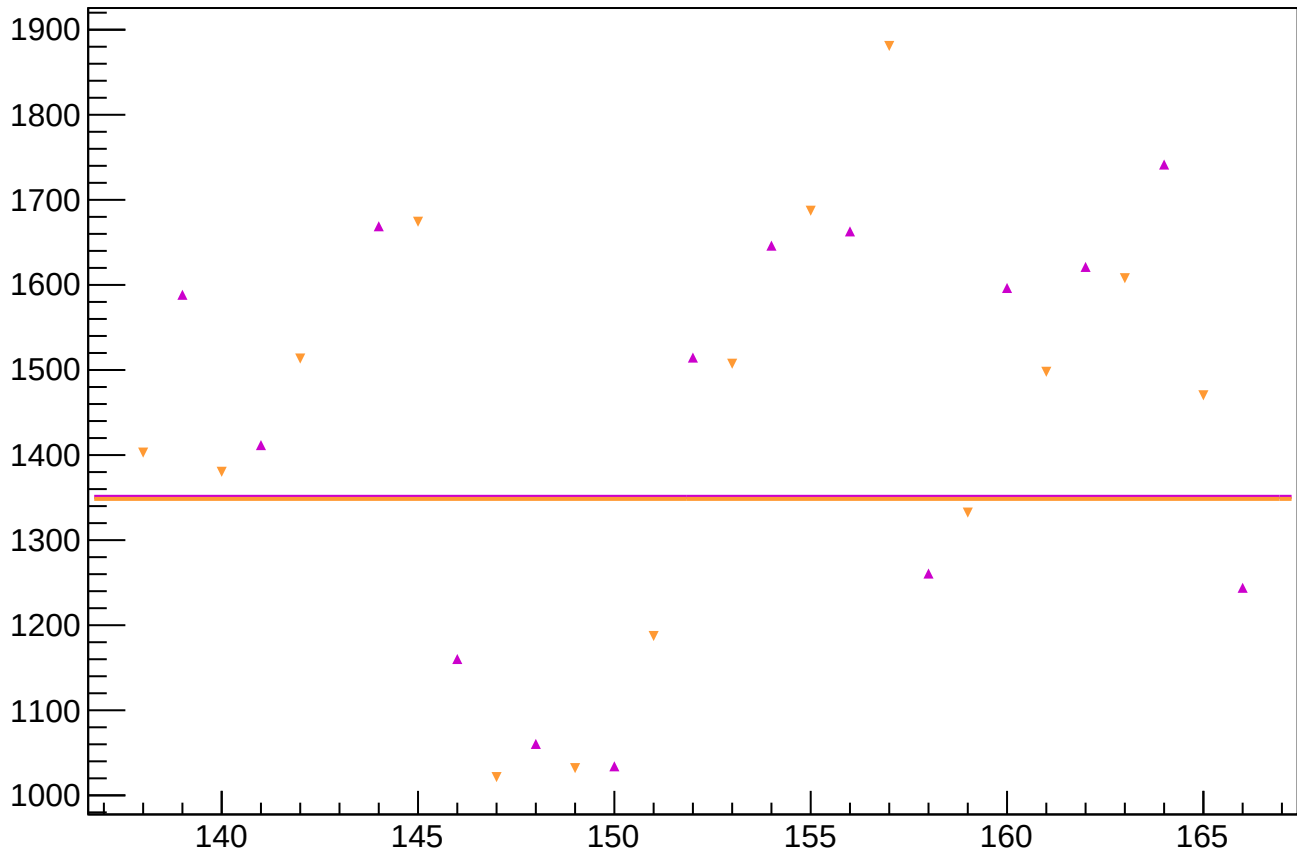
Left In: -456.779+/-415.655 χ^2/NDF :9.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -480.871+/-297.323 χ^2/NDF : 28.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_correction_rms vs Slug



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

Left Out: 1348.479+/-0.301 χ^2/NDF : 678382.2/13

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

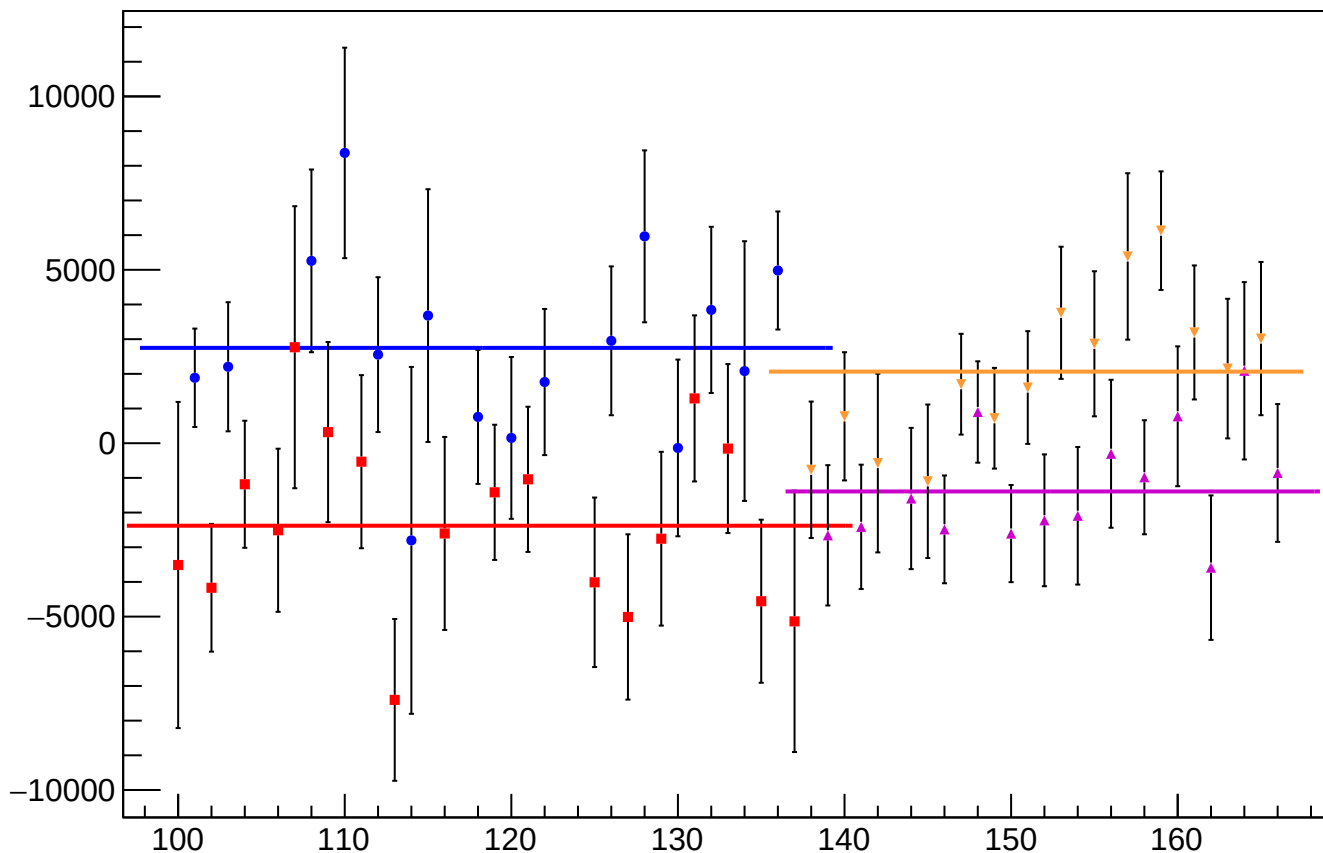
Left In: 1350.929+/-0.294 χ^2/NDF : 710373.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.732+/-0.210 χ^2/NDF : 1388790.1/27

- 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: 2064.700 $\pm$ 501.788 χ^2 /NDF:15.7/13

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

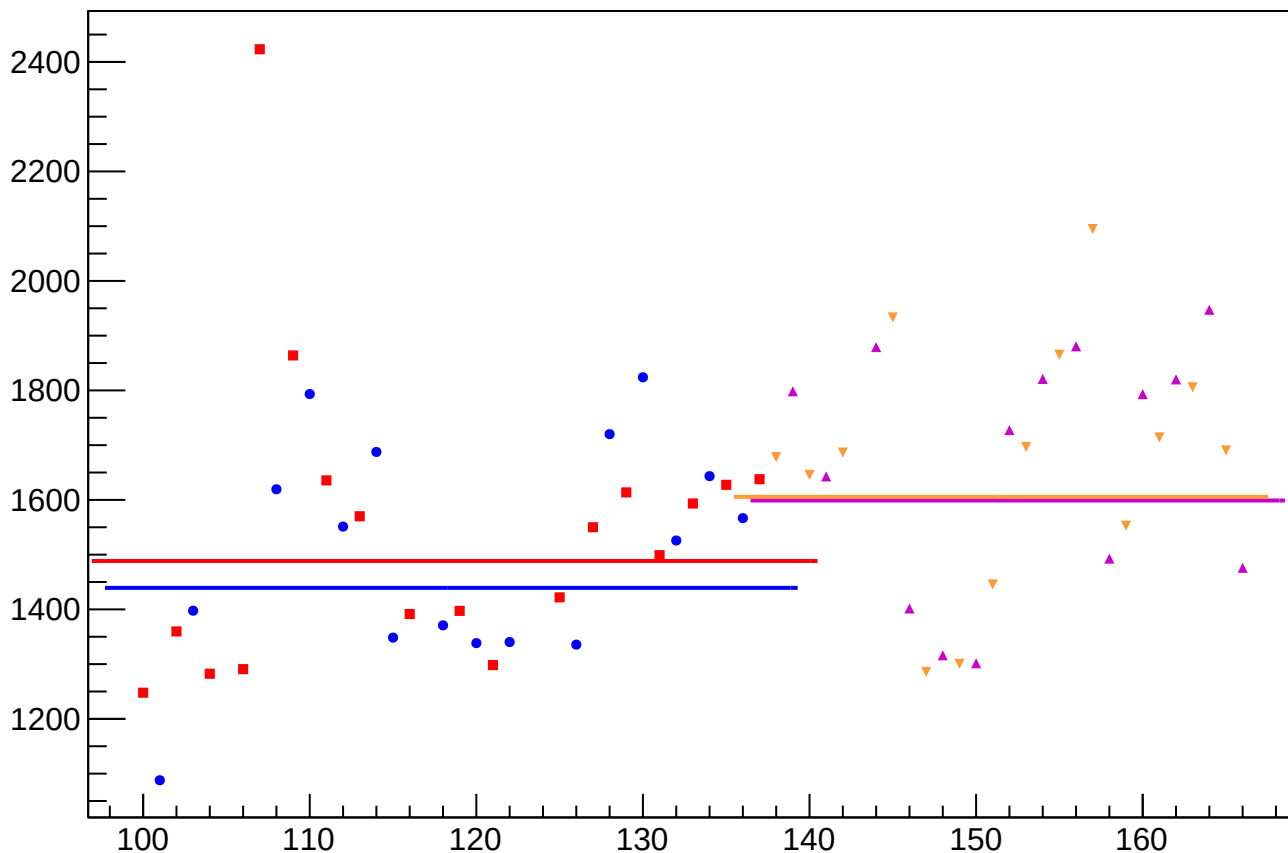
Left In: -1391.117 $\pm$ 488.444 χ^2 /NDF:9.3/13

+ sign 2367.576 $\pm$ 374.580 χ^2 /NDF: 30.1/29

All: 256.304 $\pm$ 263.453 χ^2 /NDF: 120.1/61

- sign -1810.455 $\pm$ 370.610 χ^2 /NDF: 27.2/31

asym_us_avg_rms vs Slug



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

Left Out: 1605.567 $\pm$ 0.355 χ^2 /NDF: 403333.8/13

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

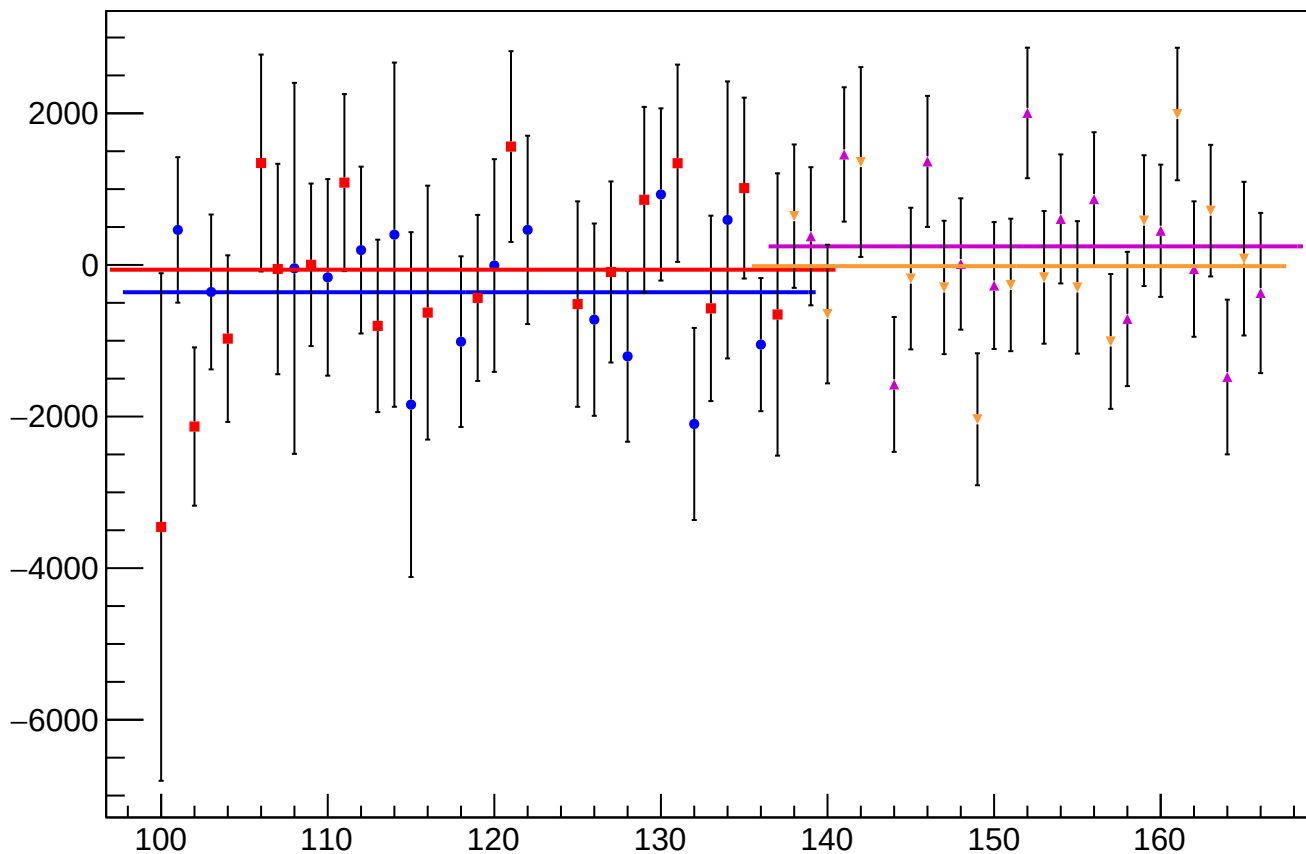
Left In: 1598.917 $\pm$ 0.345 χ^2 /NDF: 419093.1/13

+ sign 1531.966 $\pm$ 0.265 χ^2 /NDF: 778378.2/29

All: 1542.099 $\pm$ 0.186 χ^2 /NDF: 1500147.8/63

- sign 1552.019 $\pm$ 0.262 χ^2 /NDF: 718873.3/31

dit_asym_us_dd_mean vs Slug



Right In: -360.203+/-310.577 χ^2/NDF : 7.1/15

Left Out: -15.940+/-243.607 χ^2/NDF : 15.6/13

Right Out: -62.959+/-298.767 χ^2/NDF : 12.8/17

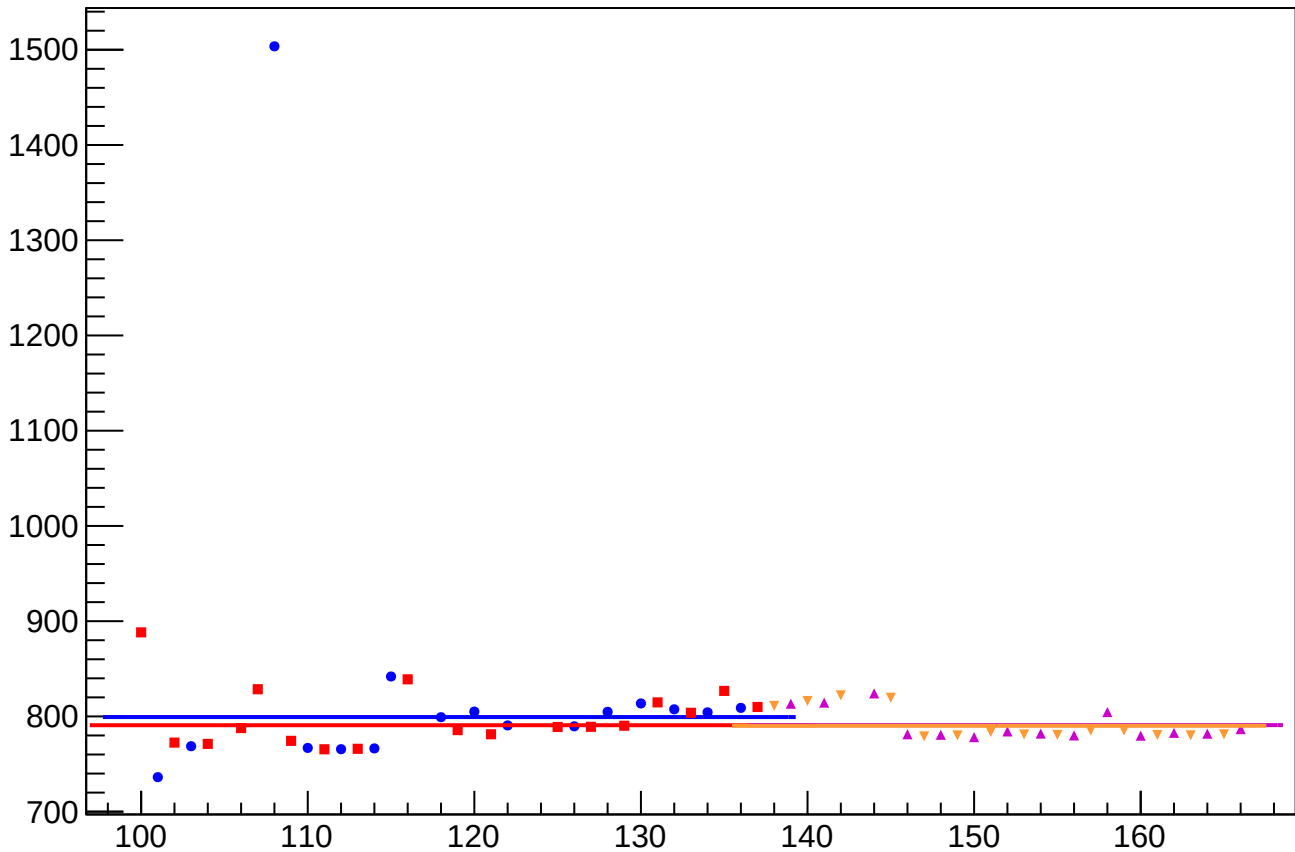
Left In: 244.840+/-238.698 χ^2/NDF : 17.6/13

+ sign -147.068+/-191.678 χ^2/NDF : 23.5/29

All: -7.343+/-133.664 χ^2/NDF : 55.6/61

- sign 124.917+/-186.488 χ^2/NDF : 31.1/31

dit_asym_us_dd_rms vs Slug



Right In: 799.322 $\pm$ 0.220 χ^2 /NDF: 181303.9/15

Left Out: 790.186 $\pm$ 0.172 χ^2 /NDF: 7841.0/13

Right Out: 790.760 $\pm$ 0.211 χ^2 /NDF: 11555.4/17

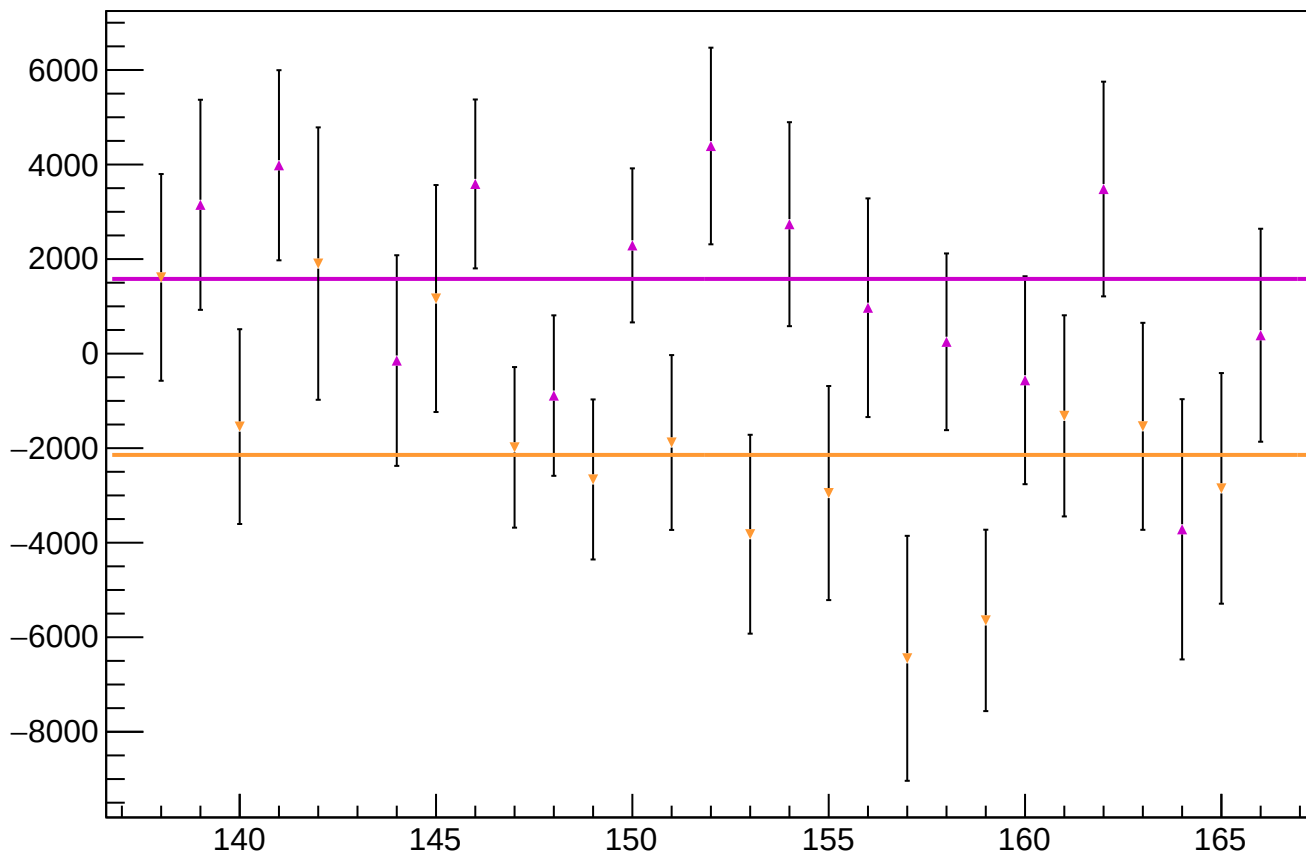
Left In: 790.877 $\pm$ 0.169 χ^2 /NDF: 8197.9/13

+ sign 793.666 $\pm$ 0.136 χ^2 /NDF: 190216.2/29

All: 792.210 $\pm$ 0.095 χ^2 /NDF: 210194.5/61

- sign 790.831 $\pm$ 0.132 χ^2 /NDF: 19753.5/31

asym_us_dd_correction_mean vs Slug



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

Left Out: -2142.806+/-562.041 χ^2/NDF : 14.2/13

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

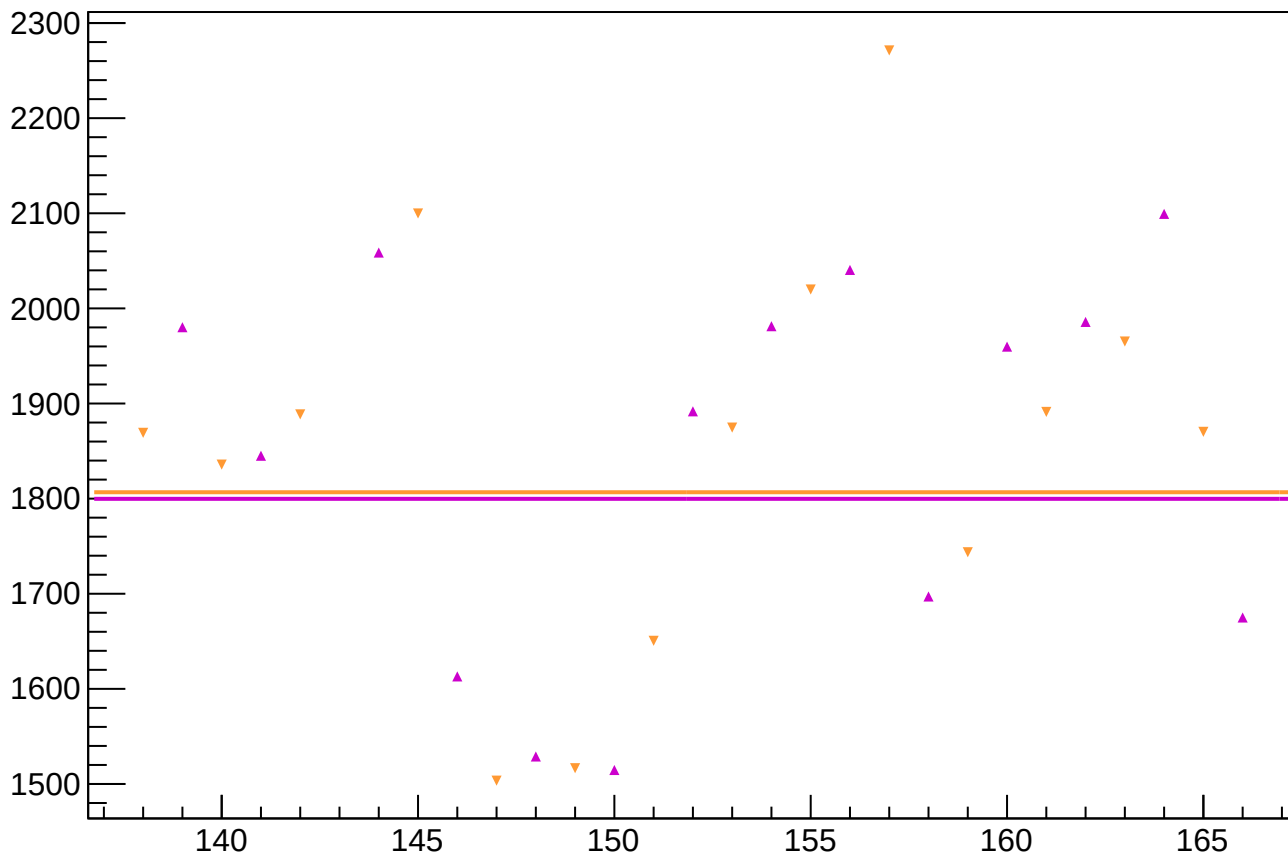
Left In: 1580.275+/-547.423 χ^2/NDF : 14.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.219+/-392.153 χ^2/NDF : 51.1/27

- 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: 1806.716+/-0.397 χ^2/NDF : 271423.7/13

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

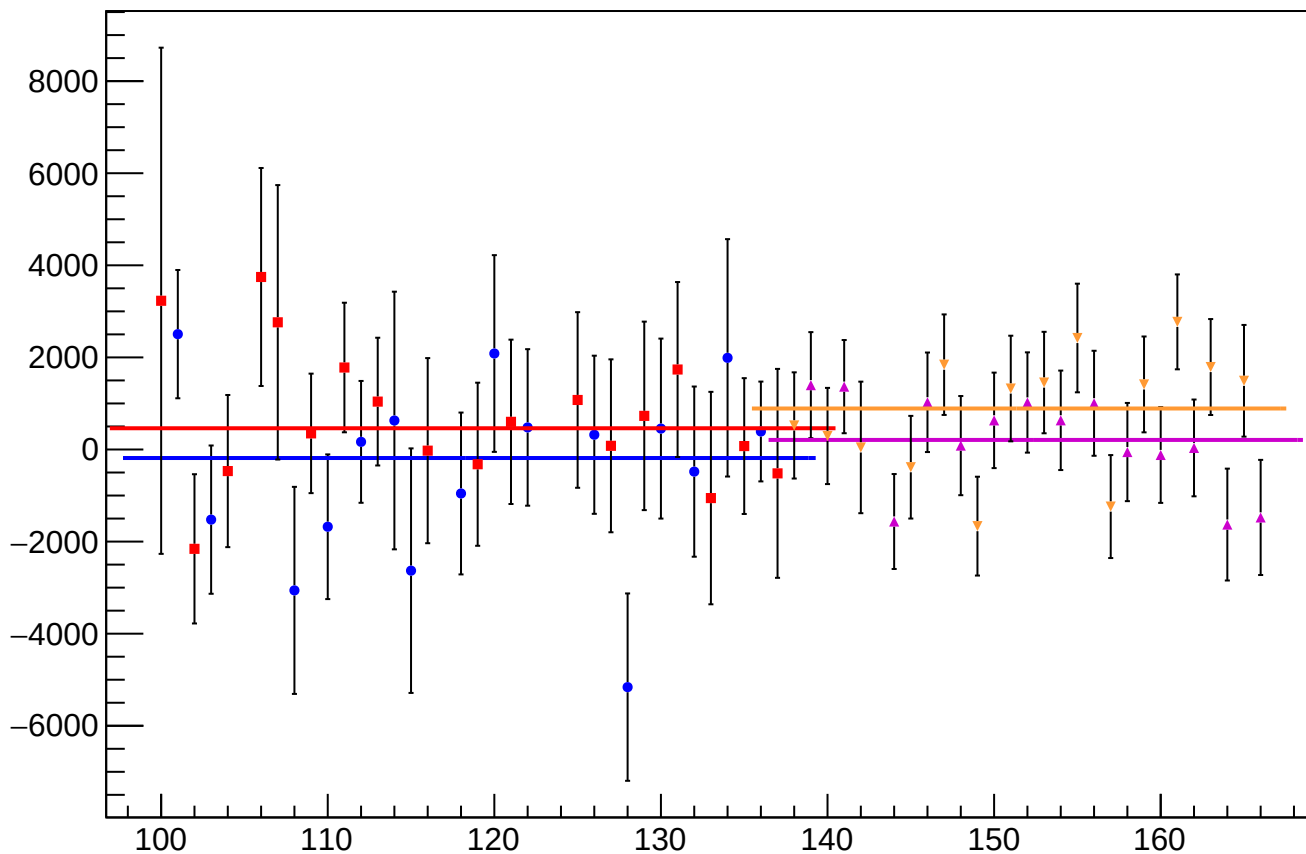
Left In: 1799.783+/-0.387 χ^2/NDF : 274793.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1803.158+/-0.277 χ^2/NDF : 546373.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_mean vs Slug



Right In: -185.054 $\pm$ 431.495 χ^2 /NDF: 16.6/15

Left Out: 890.342 $\pm$ 298.293 χ^2 /NDF: 18.8/13

Right Out: 461.253 $\pm$ 426.921 χ^2 /NDF: 8.3/17

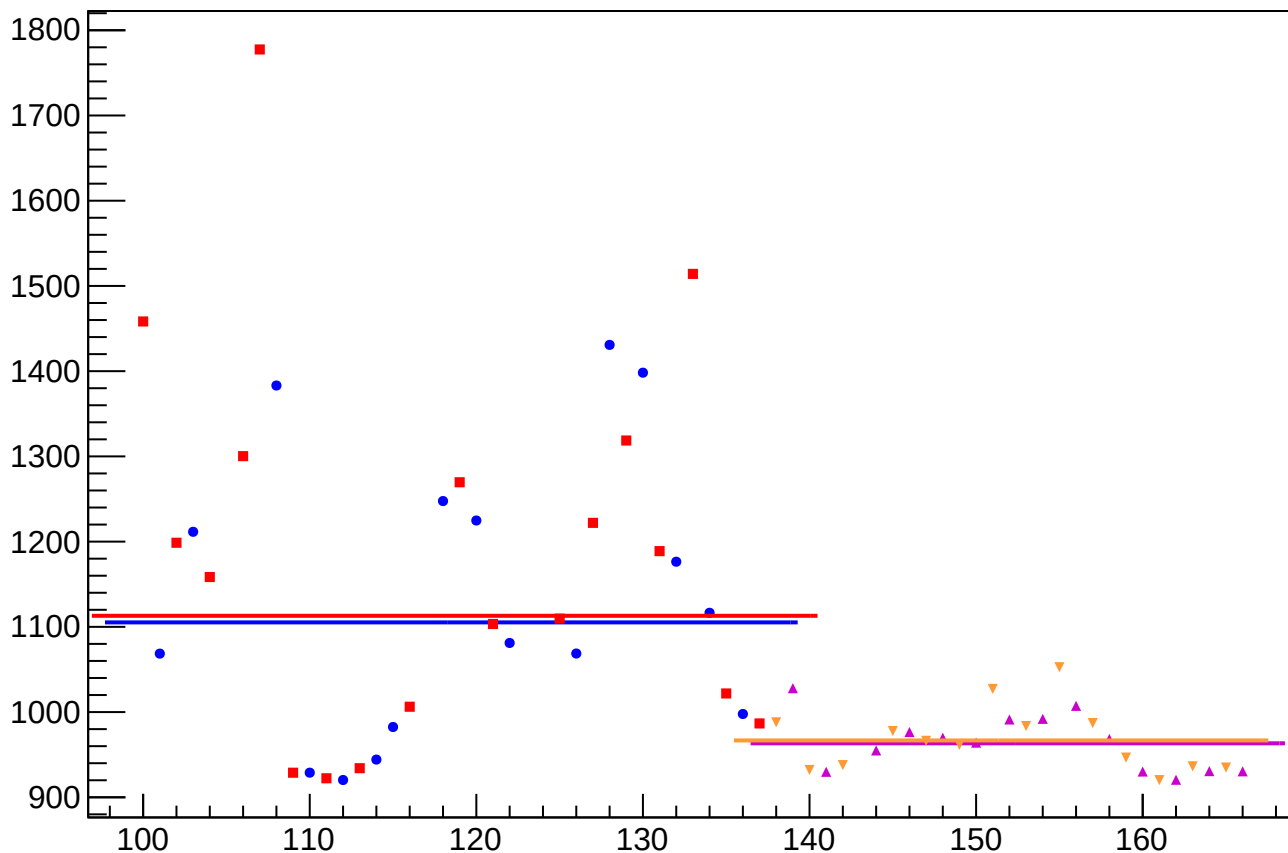
Left In: 207.723 $\pm$ 290.920 χ^2 /NDF: 11.6/13

+ sign 542.599 $\pm$ 245.369 χ^2 /NDF: 39.6/29

All: 412.761 $\pm$ 171.722 χ^2 /NDF: 60.3/61

- sign 288.120 $\pm$ 240.409 χ^2 /NDF: 20.1/31

asym_us_dd_rms vs Slug



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

Left Out: 966.723+/-0.211 χ^2/NDF : 29145.8/13

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

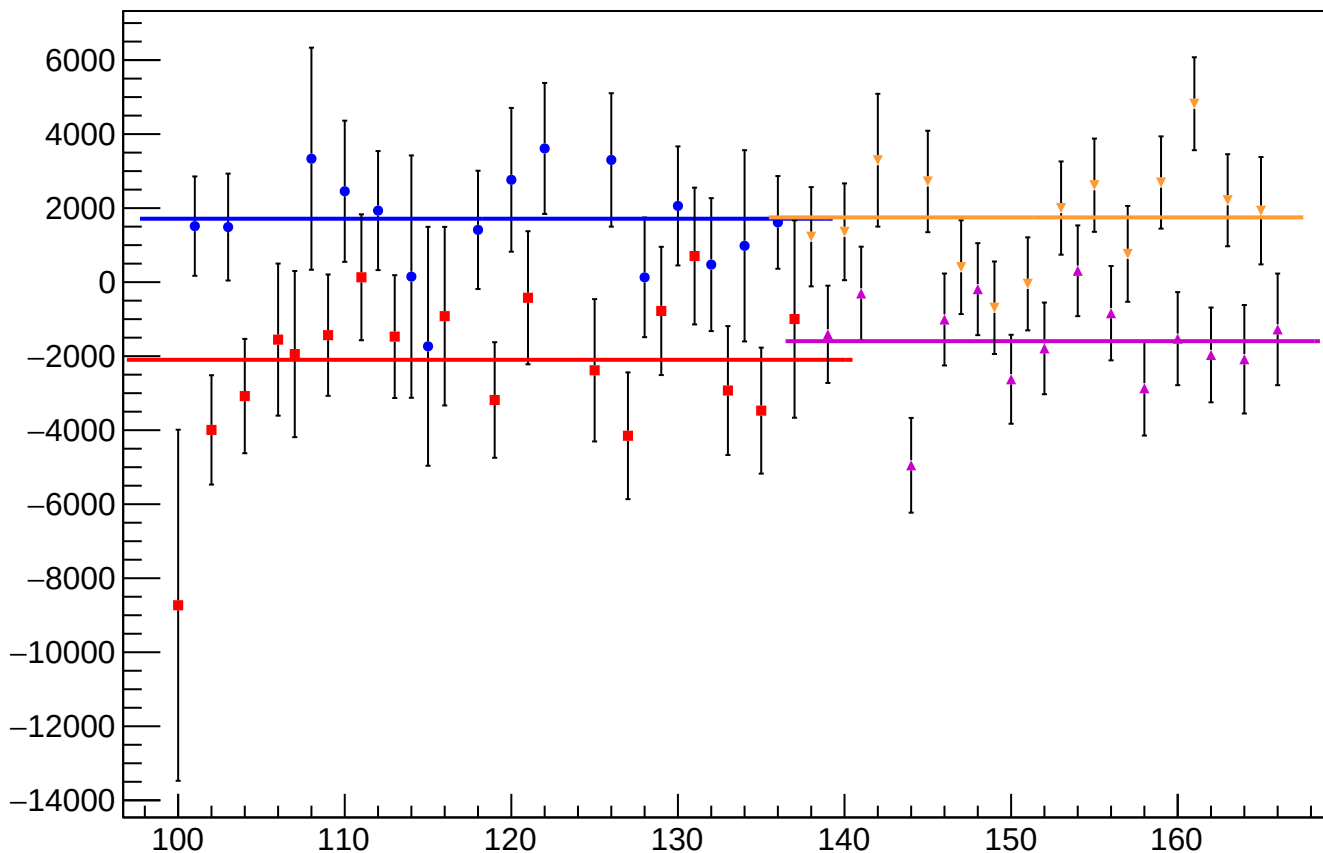
Left In: 963.369+/-0.206 χ^2/NDF : 22907.0/13

+ sign 1011.513+/-0.174 χ^2/NDF : 423960.8/29

All: 1011.154+/-0.121 χ^2/NDF : 977590.8/61

- sign 1010.810+/-0.170 χ^2/NDF : 553621.6/31

dit_asym_usl_mean vs Slug



Right In: 1713.558 $\pm$ 440.802 χ^2 /NDF: 5.7/15

Left Out: 1749.501 $\pm$ 350.553 χ^2 /NDF:16.3/13

Right Out: -2098.291 $\pm$ 431.016 χ^2 /NDF: 13.1/17

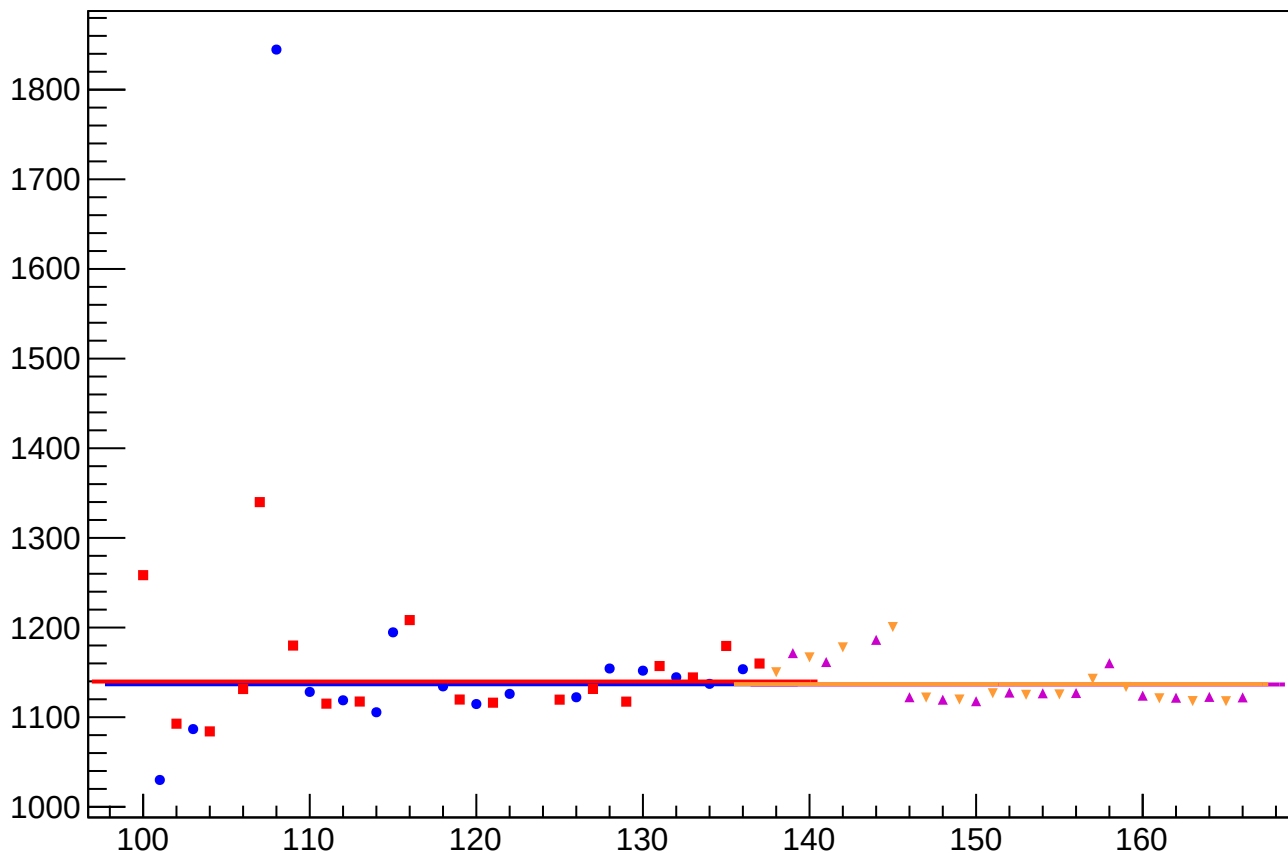
Left In: -1594.912 $\pm$ 343.044 χ^2 /NDF:14.2/13

+ sign 1735.576 $\pm$ 274.369 χ^2 /NDF: 22.0/29

All: -65.984 $\pm$ 191.866 χ^2 /NDF: 134.5/61

- sign -1790.123 $\pm$ 268.409 χ^2 /NDF: 28.1/31

dit_asym_usl_rms vs Slug



Right In: 1136.737 $\pm$ 0.312 χ^2 /NDF: 128798.3/15

Left Out: 1136.909 $\pm$ 0.248 χ^2 /NDF: 8914.4/13

Right Out: 1139.790 $\pm$ 0.305 χ^2 /NDF: 28066.5/17

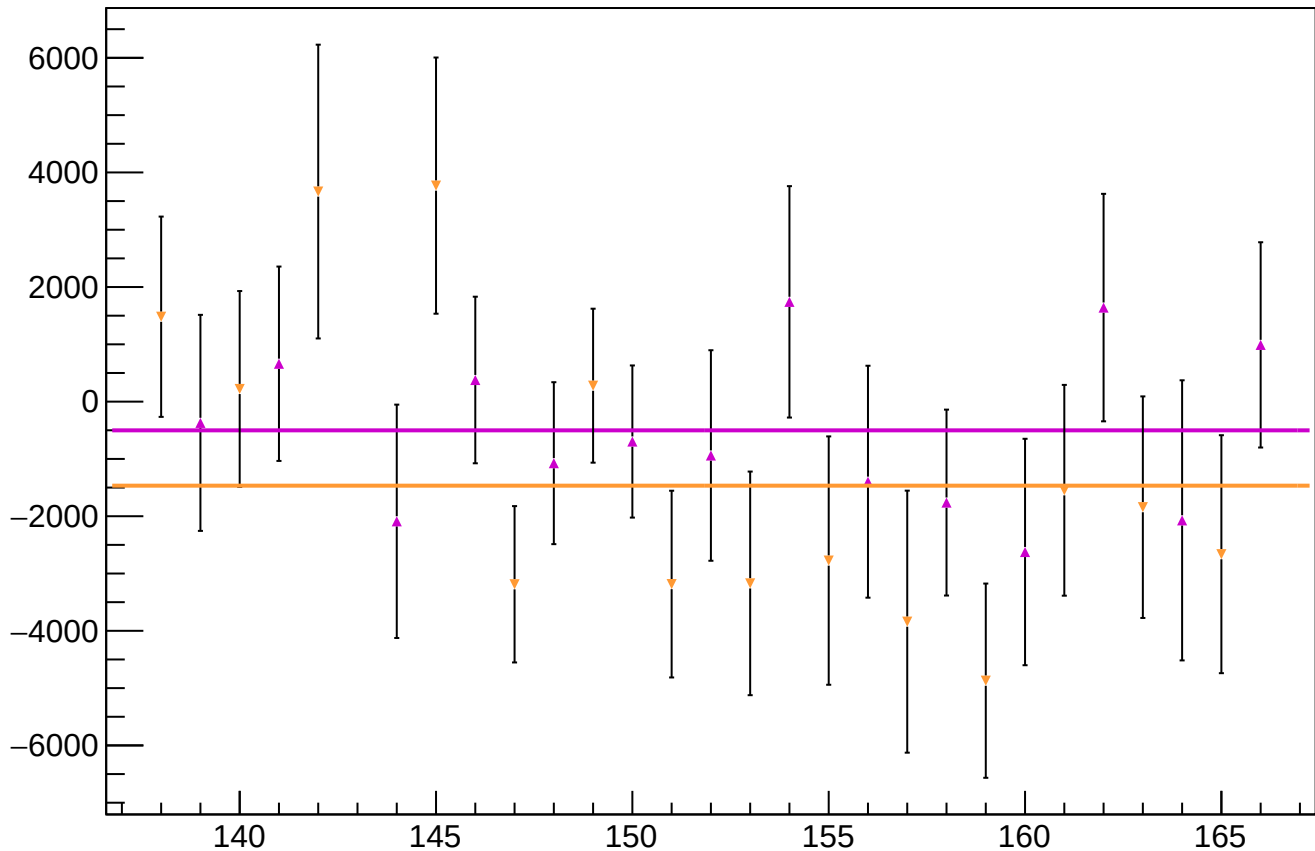
Left In: 1136.500 $\pm$ 0.243 χ^2 /NDF: 8204.7/13

+ sign 1136.842 $\pm$ 0.194 χ^2 /NDF: 137713.0/29

All: 1137.319 $\pm$ 0.136 χ^2 /NDF: 174067.4/61

- sign 1137.776 $\pm$ 0.190 χ^2 /NDF: 36342.6/31

asym_usl_correction_mean vs Slug



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

Left Out: -1466.637+/-482.271 χ^2/NDF : 24.3/13

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

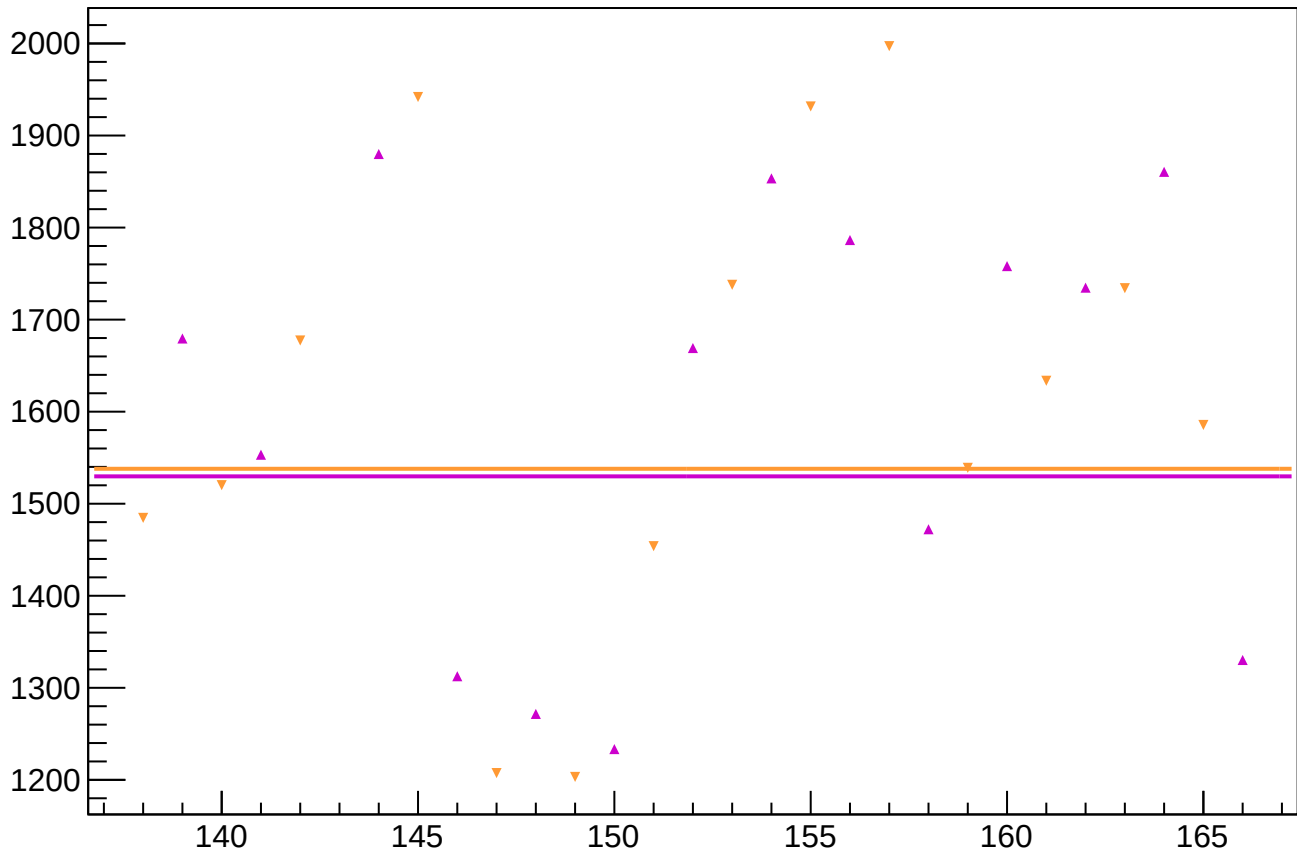
Left In: -501.777+/-467.991 χ^2/NDF : 7.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -969.402+/-335.855 χ^2/NDF : 33.5/27

- 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: 1537.958+/-0.341 χ^2/NDF :514844.0/13

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

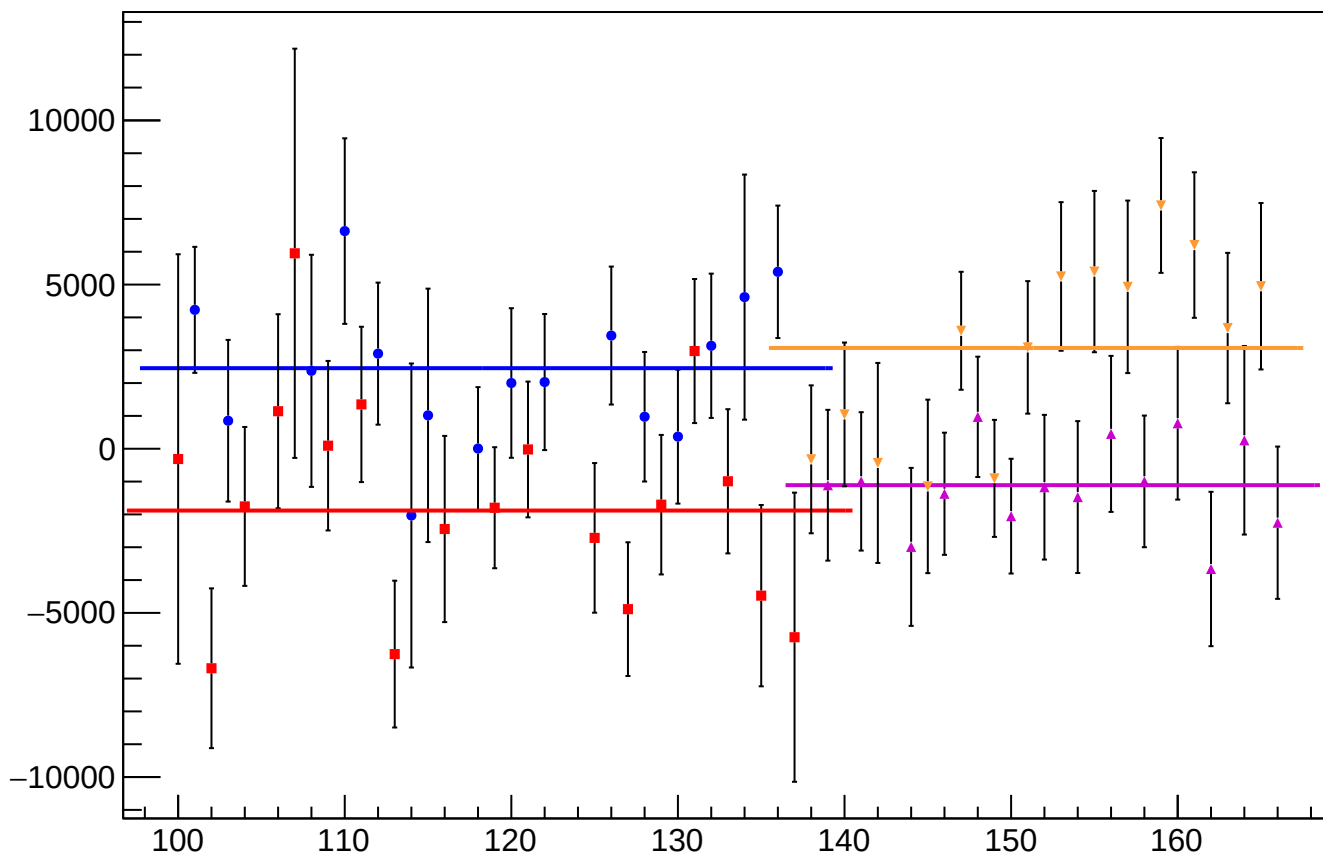
Left In: 1529.725+/-0.331 χ^2/NDF :490209.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1533.718+/-0.237 χ^2/NDF : 1005353.2/27

- 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: 3069.229 ± 595.470 χ^2/NDF : 21.5/13

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

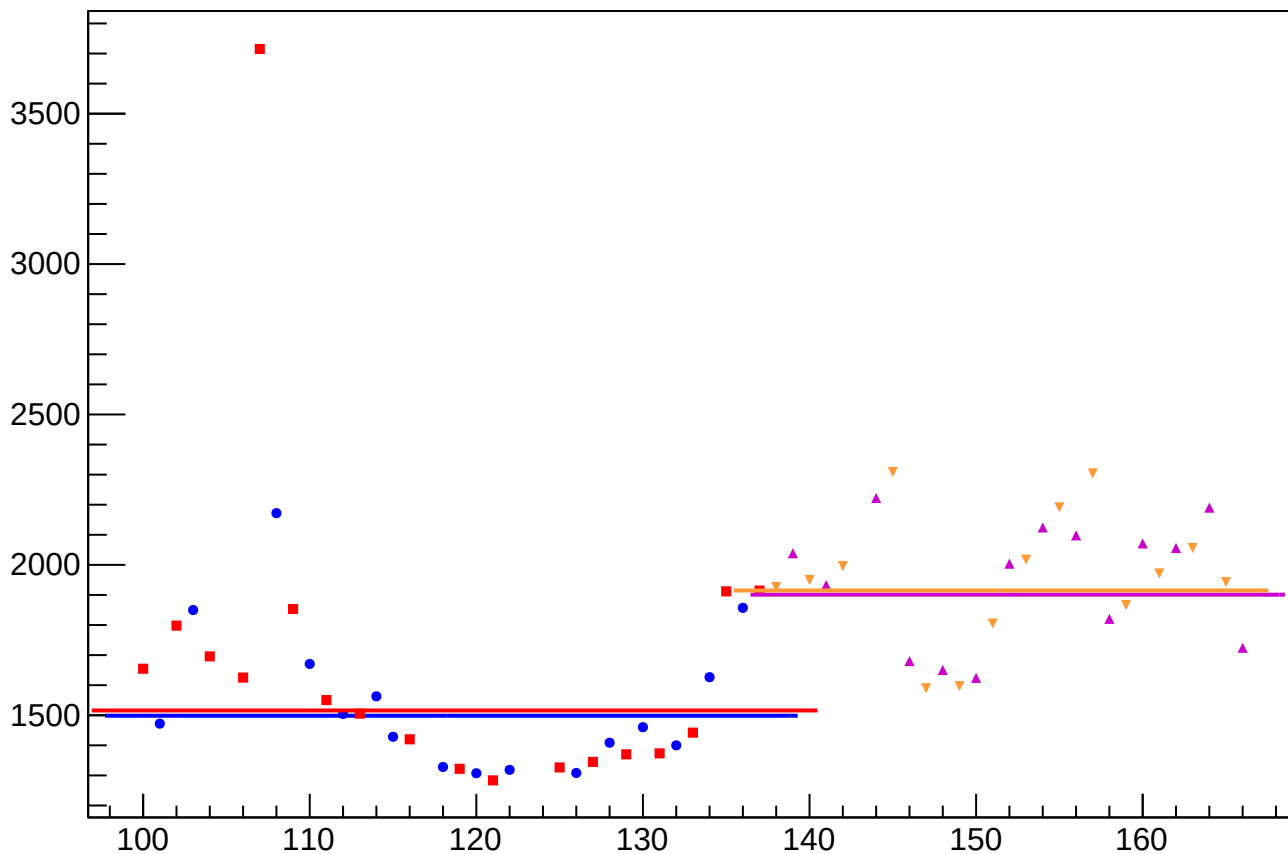
Left In: -1109.520 ± 577.996 χ^2/NDF : 5.0/13

+ sign 2755.626 ± 417.058 χ^2/NDF : 32.8/29

All: 597.957 ± 292.569 χ^2/NDF : 114.1/61

- sign -1492.680 ± 410.528 χ^2/NDF : 28.6/31

asym_usl_rms vs Slug



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

Left Out: 1914.923 $\pm$ 0.421 χ^2 /NDF: 265164.6/13

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

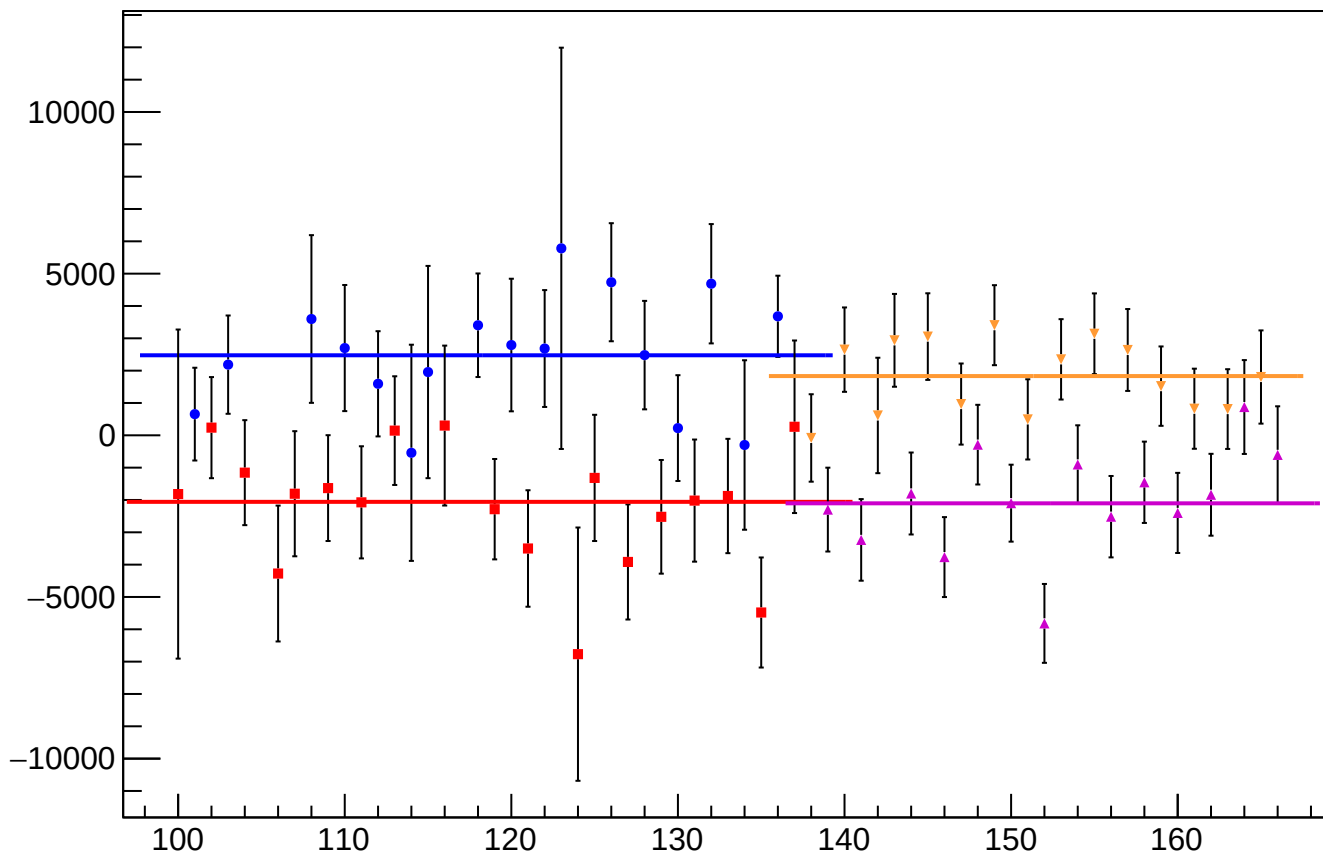
Left In: 1900.874 $\pm$ 0.409 χ^2 /NDF: 250237.9/13

+ sign 1702.764 $\pm$ 0.295 χ^2 /NDF: 1022309.0/29

All: 1706.506 $\pm$ 0.207 χ^2 /NDF: 2192949.5/63

- sign 1710.132 $\pm$ 0.290 χ^2 /NDF: 1170323.4/31

dit_asym_usr_mean vs Slug



Right In: 2475.300+/-449.379 χ^2/NDF : 10.5/16

Left Out: 1832.373+/-337.195 χ^2/NDF : 10.6/14

Right Out: -2057.800+/-433.574 χ^2/NDF : 14.5/18

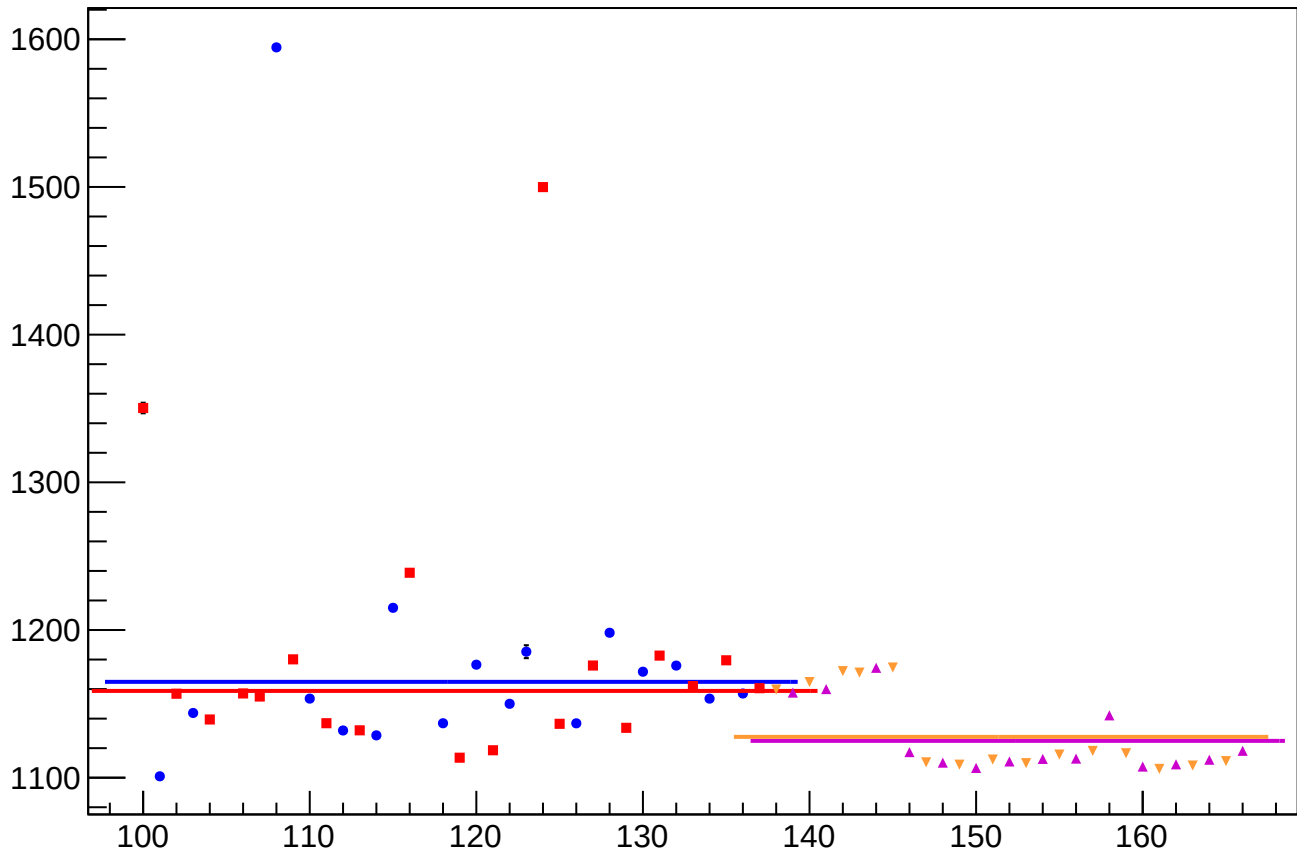
Left In: -2103.570+/-339.532 χ^2/NDF : 20.8/13

+ sign 2063.968+/-269.710 χ^2/NDF : 22.5/31

All: -29.574+/-189.863 χ^2/NDF : 177.2/64

- sign -2086.172+/-267.319 χ^2/NDF : 35.3/32

dit_asym_usr_rms vs Slug



Right In: 1164.904 ± 0.318 χ^2/NDF : 63136.4/16

Left Out: 1127.652 ± 0.238 χ^2/NDF : 11666.8/14

Right Out: 1158.758 ± 0.307 χ^2/NDF : 25723.5/18

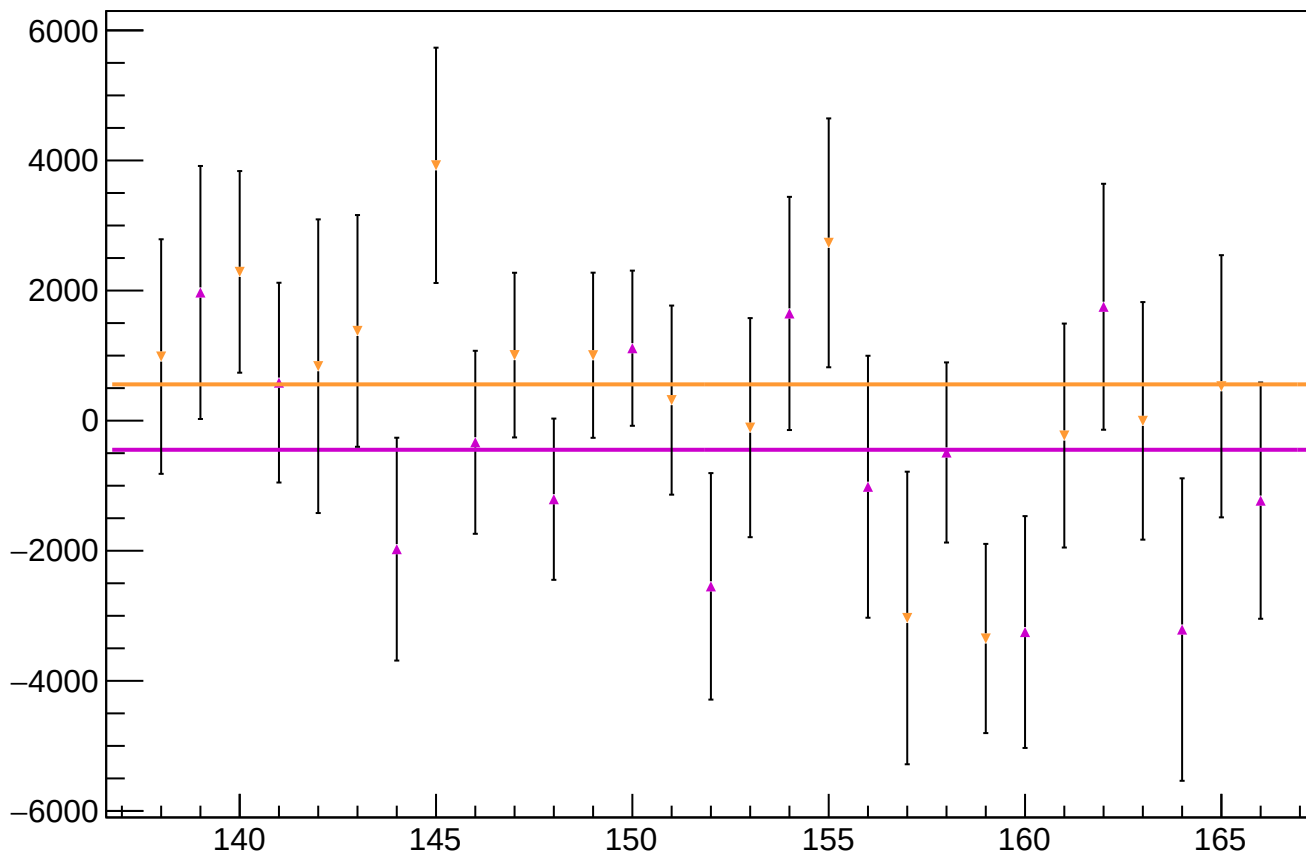
Left In: 1124.942 ± 0.240 χ^2/NDF : 8625.2/13

+ sign 1141.071 ± 0.191 χ^2/NDF : 83596.3/31

All: 1139.419 ± 0.134 χ^2/NDF : 125635.1/64

- sign 1137.796 ± 0.189 χ^2/NDF : 41890.0/32

asym_usr_correction_mean vs Slug



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

Left Out: 557.889+/-428.797 χ^2/NDF : 16.8/14

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

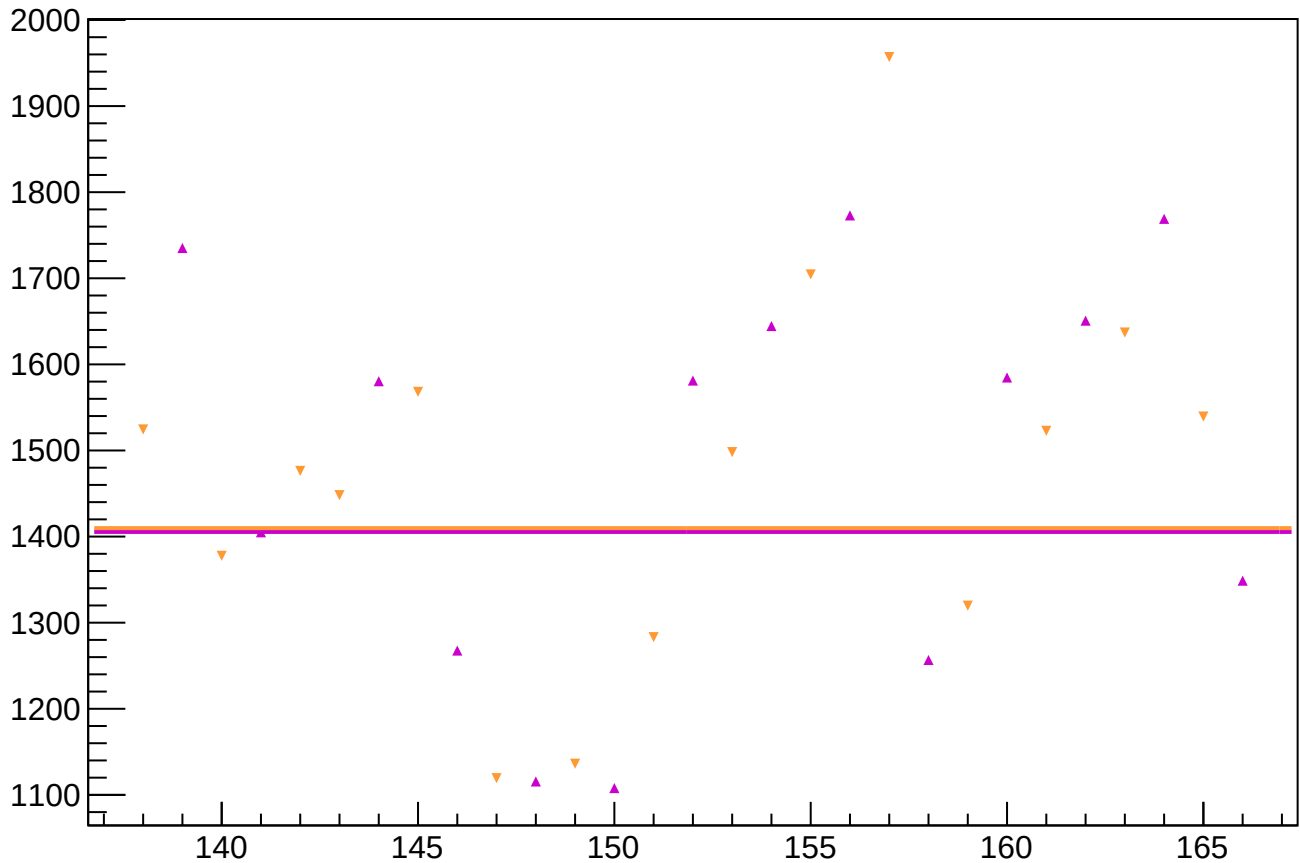
Left In: -447.704+/-431.096 χ^2/NDF : 13.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.782+/-304.015 χ^2/NDF : 32.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_correction_rms vs Slug



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

Left Out: 1409.796+/-0.303 χ^2/NDF : 467105.8/14

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

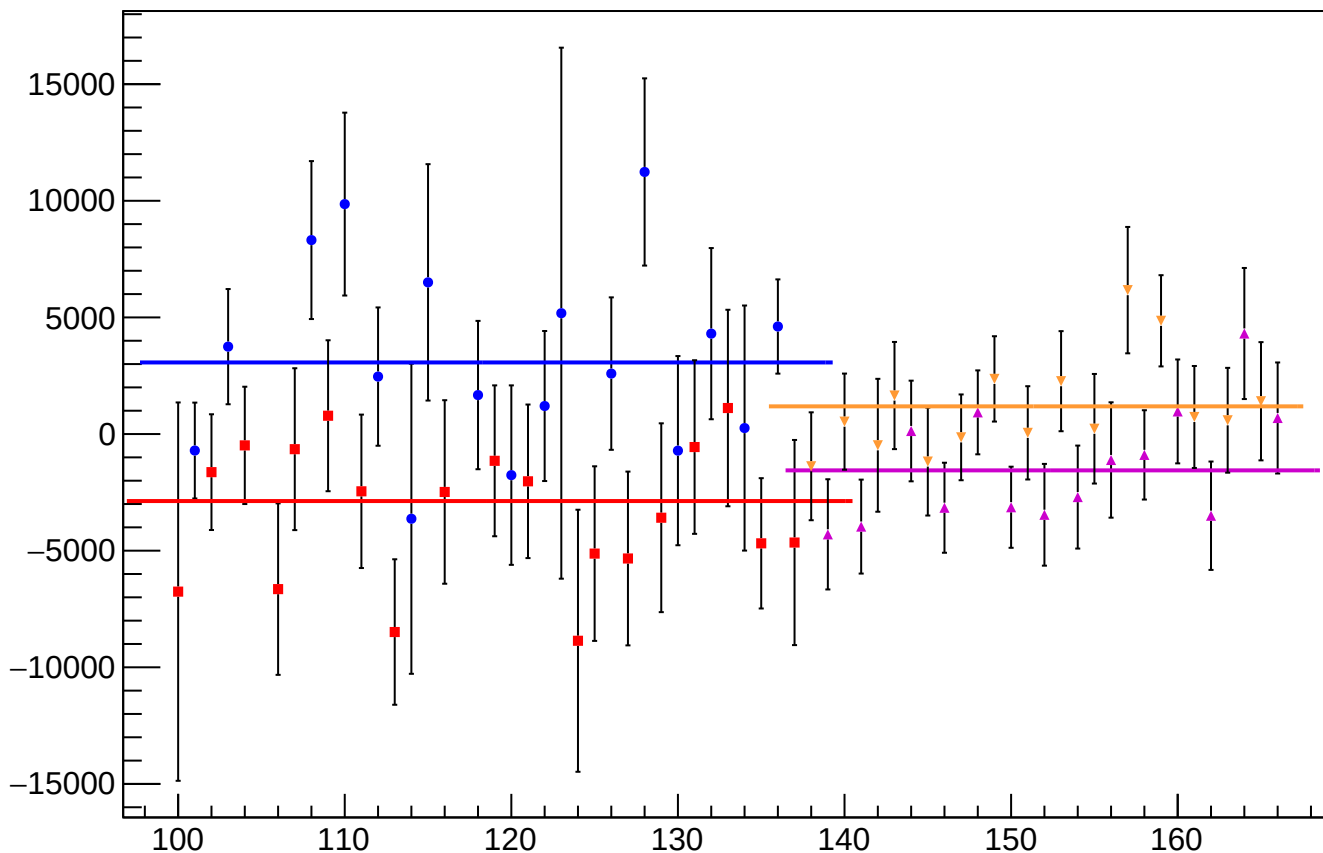
Left In: 1405.414+/-0.305 χ^2/NDF : 581899.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.617+/-0.215 χ^2/NDF : 1049108.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



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

Left Out: 1187.101 $\pm$ 565.607 χ^2 /NDF: 11.5/14

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

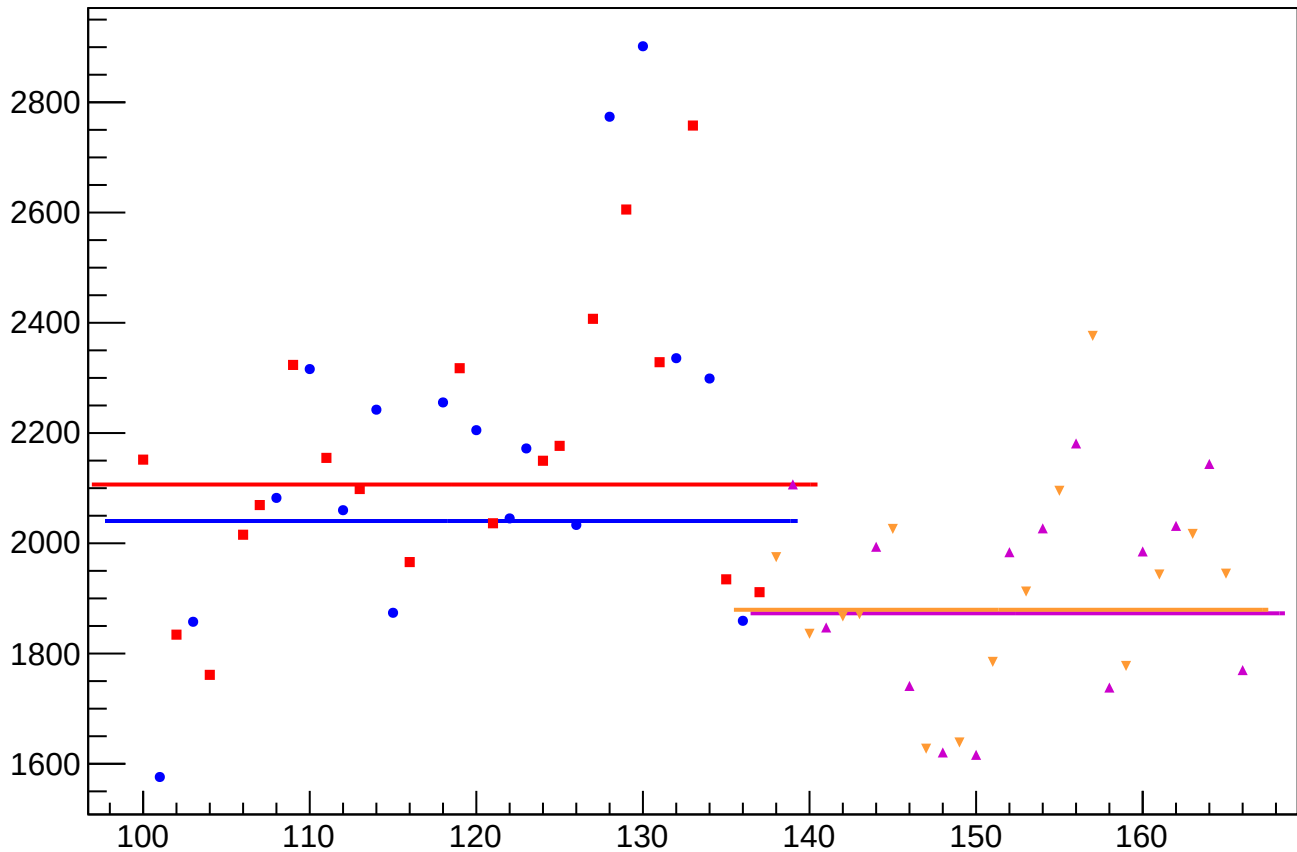
Left In: -1557.282 $\pm$ 568.822 χ^2 /NDF: 15.2/13

+ sign 1816.814 $\pm$ 461.402 χ^2 /NDF: 33.7/31

All: -87.533 $\pm$ 326.709 χ^2 /NDF: 96.5/64

- sign -2002.390 $\pm$ 462.673 χ^2 /NDF: 28.6/32

asym_usr_rms vs Slug



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

Left Out: 1879.412+/-0.400 χ^2/NDF : 189667.2/14

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

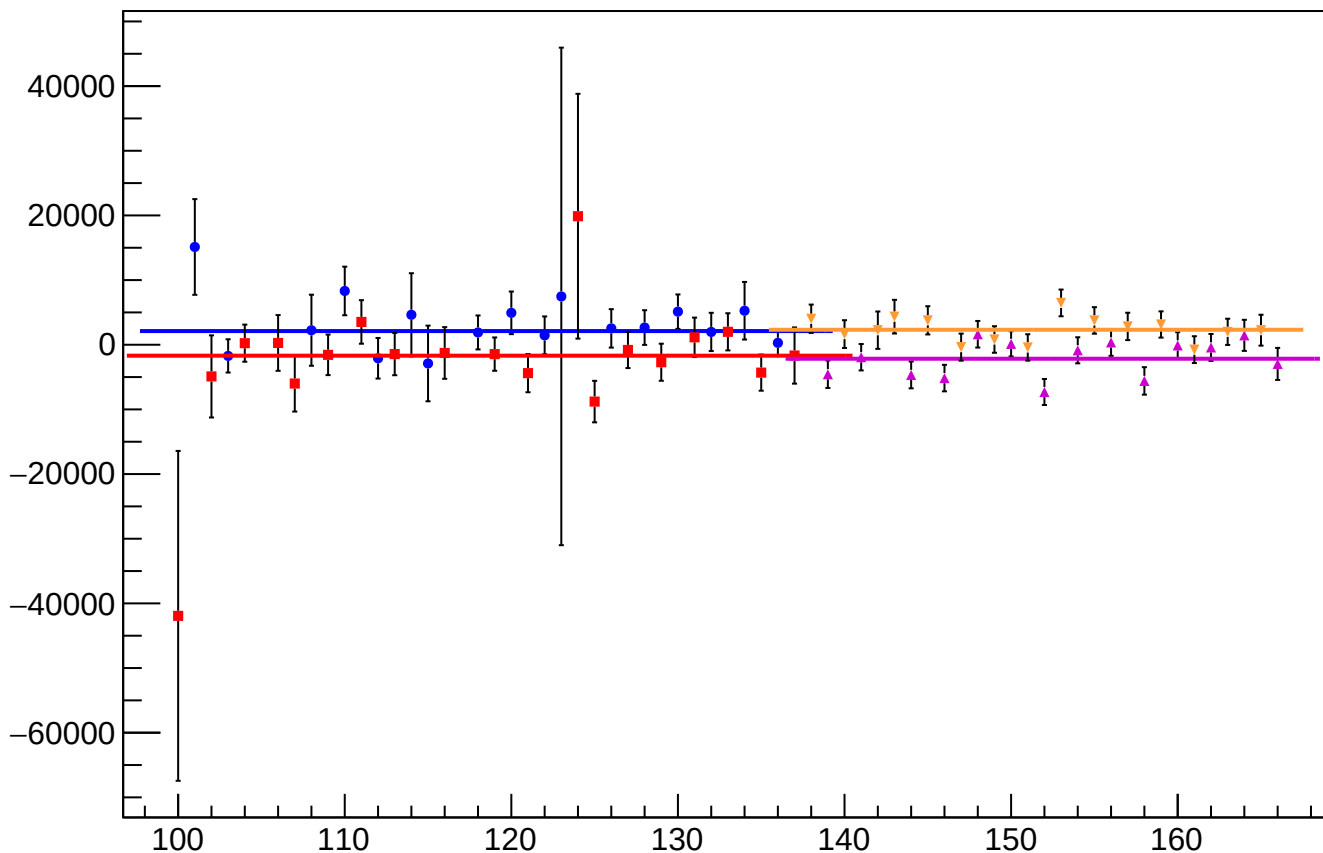
Left In: 1872.986+/-0.402 χ^2/NDF : 211085.7/13

+ sign 1933.278+/-0.326 χ^2/NDF : 575232.7/31

All: 1942.638+/-0.231 χ^2/NDF : 1097564.7/64

- sign 1952.049+/-0.327 χ^2/NDF : 520681.5/32

dit_asym_at1_avg_mean vs Slug



Right In: 2115.027 $\pm$ 795.794 χ^2 /NDF: 14.2/16

Left Out: 2318.524 $\pm$ 559.313 χ^2 /NDF:12.7/14

Right Out: -1691.127 $\pm$ 784.678 χ^2 /NDF: 17.5/18

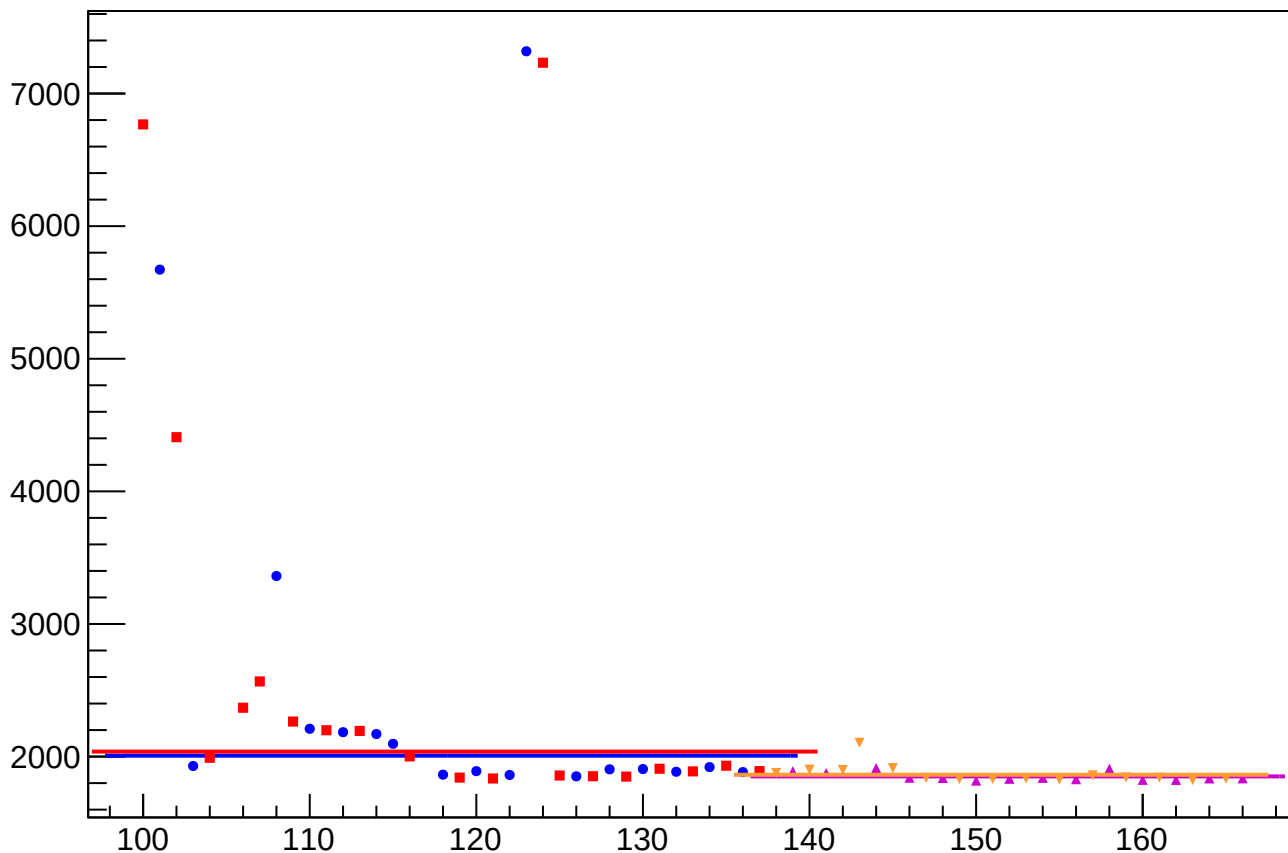
Left In: -2164.004 $\pm$ 560.505 χ^2 /NDF:24.8/13

+ sign 2251.238 $\pm$ 457.597 χ^2 /NDF: 26.9/31

All: 116.511 $\pm$ 323.038 χ^2 /NDF: 112.8/64

- sign -2004.240 $\pm$ 456.096 χ^2 /NDF: 42.5/32

dit_asym_at1_avg_rms vs Slug



Right In: 2007.037 $\pm$ 0.563 χ^2 /NDF: 702361.7/16

Left Out: 1862.865 $\pm$ 0.395 χ^2 /NDF: 22986.1/14

Right Out: 2037.781 $\pm$ 0.555 χ^2 /NDF: 618966.5/18

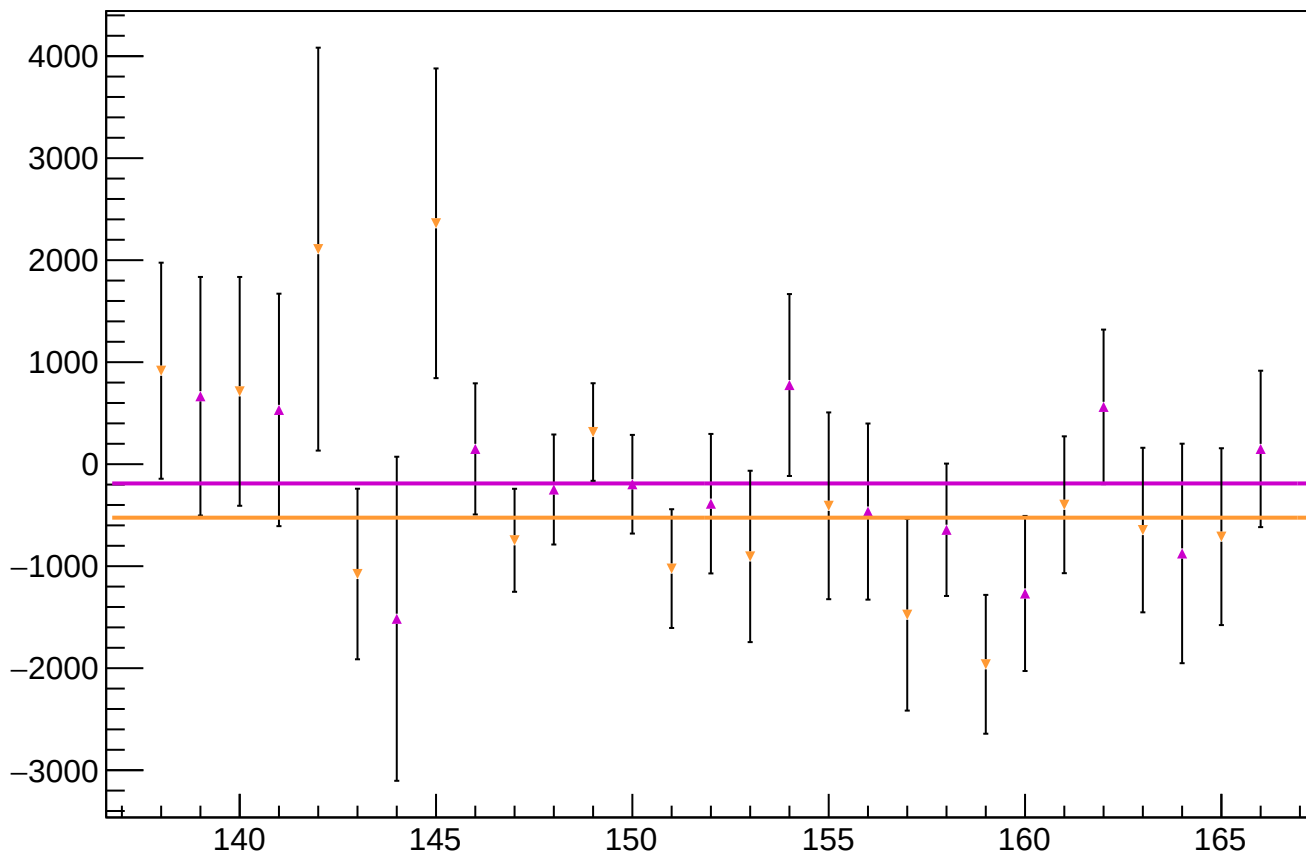
Left In: 1850.540 $\pm$ 0.396 χ^2 /NDF: 6153.5/13

+ sign 1910.535 $\pm$ 0.324 χ^2 /NDF: 769286.6/31

All: 1912.173 $\pm$ 0.228 χ^2 /NDF: 1469863.2/64

- sign 1913.801 $\pm$ 0.323 χ^2 /NDF: 700525.5/32

asym_at1_avg_correction_mean vs Slug



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

Left Out: -524.401+/-195.960 χ^2/NDF : 18.7/14

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

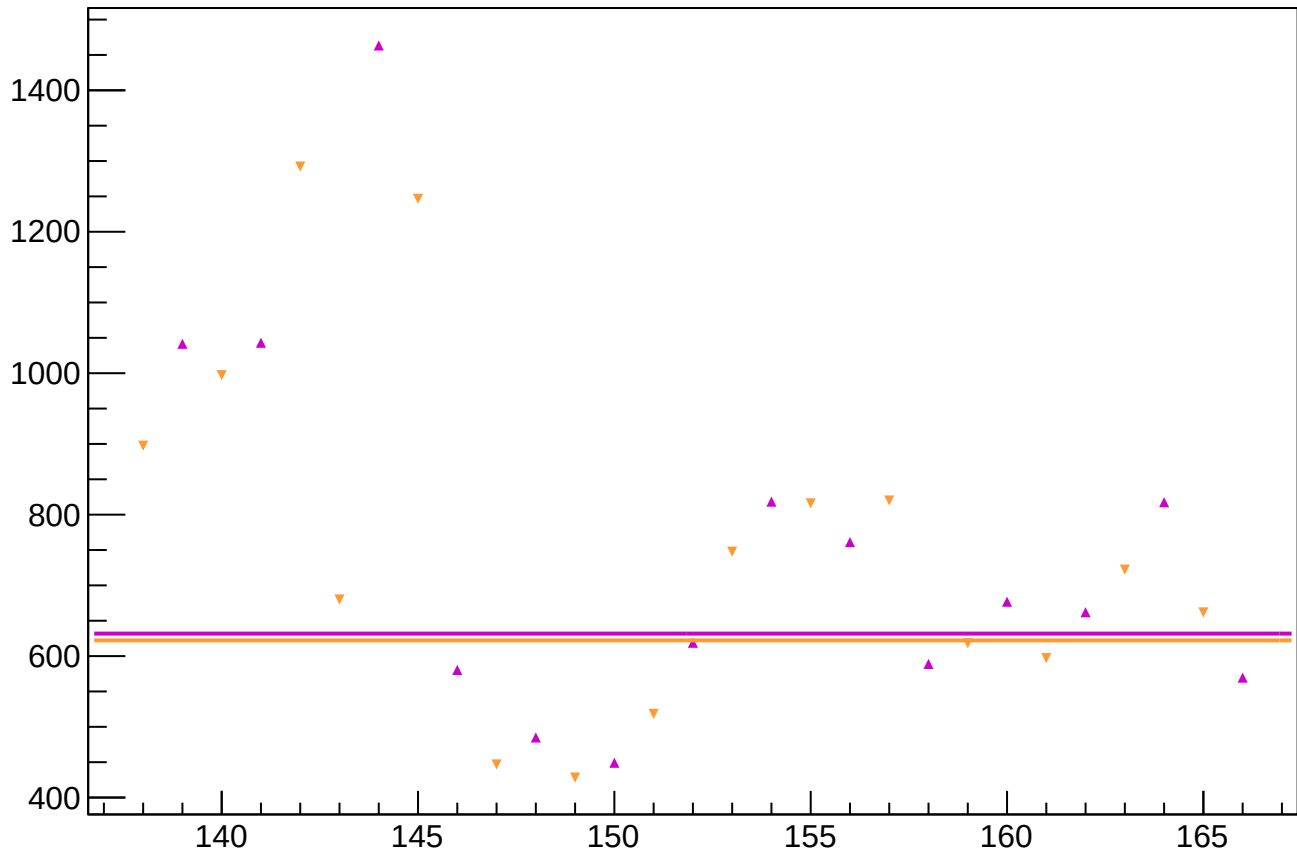
Left In: -188.809+/-199.281 χ^2/NDF : 7.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.426+/-139.724 χ^2/NDF : 27.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_correction_rms vs Slug



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

Left Out: 622.250+/-0.139 χ^2/NDF :1831132.0/14

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

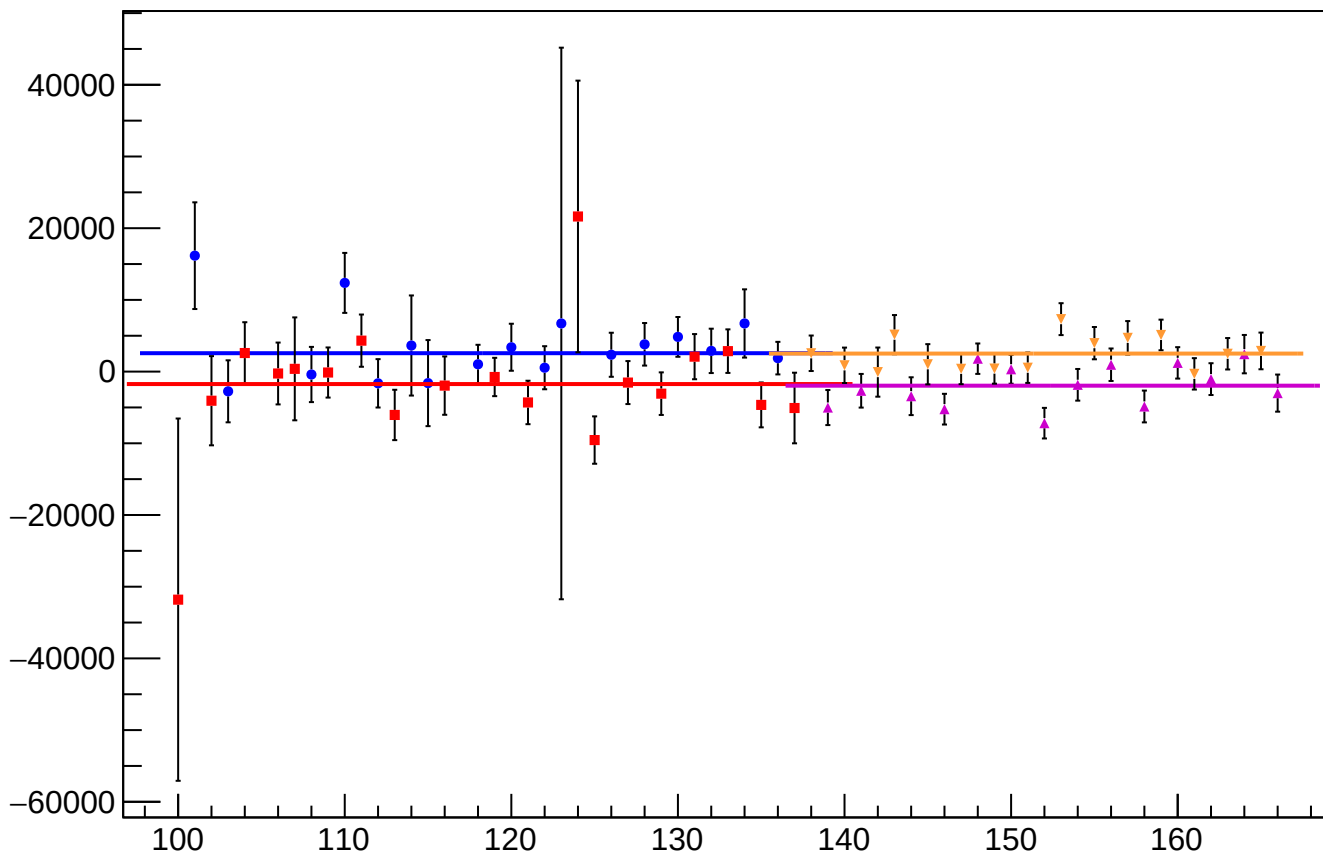
Left In: 631.831+/-0.141 χ^2/NDF :1725219.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.960+/-0.099 χ^2/NDF : 3558702.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



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

Left Out: 2512.996 $\pm$ 607.458 χ^2 /NDF:14.2/14

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

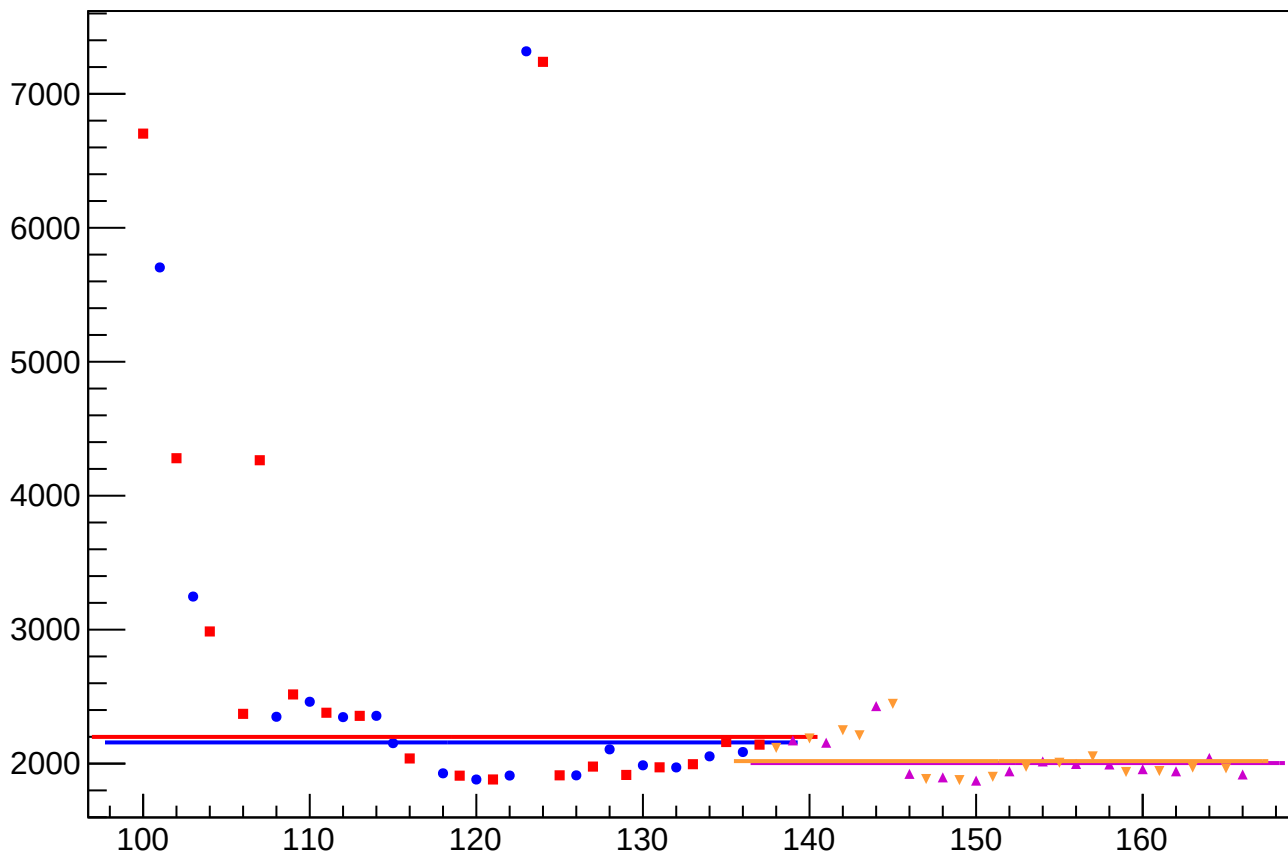
Left In: -1964.244 $\pm$ 608.259 χ^2 /NDF:23.3/13

+ sign 2531.013 $\pm$ 495.410 χ^2 /NDF: 29.8/31

All: 320.969 $\pm$ 350.261 χ^2 /NDF: 113.4/64

- sign -1887.896 $\pm$ 495.278 χ^2 /NDF: 43.8/32

asym_at1_avg_rms vs Slug



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

Left Out: 2018.686 $\pm$ 0.430 χ^2 /NDF: 109231.4/14

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

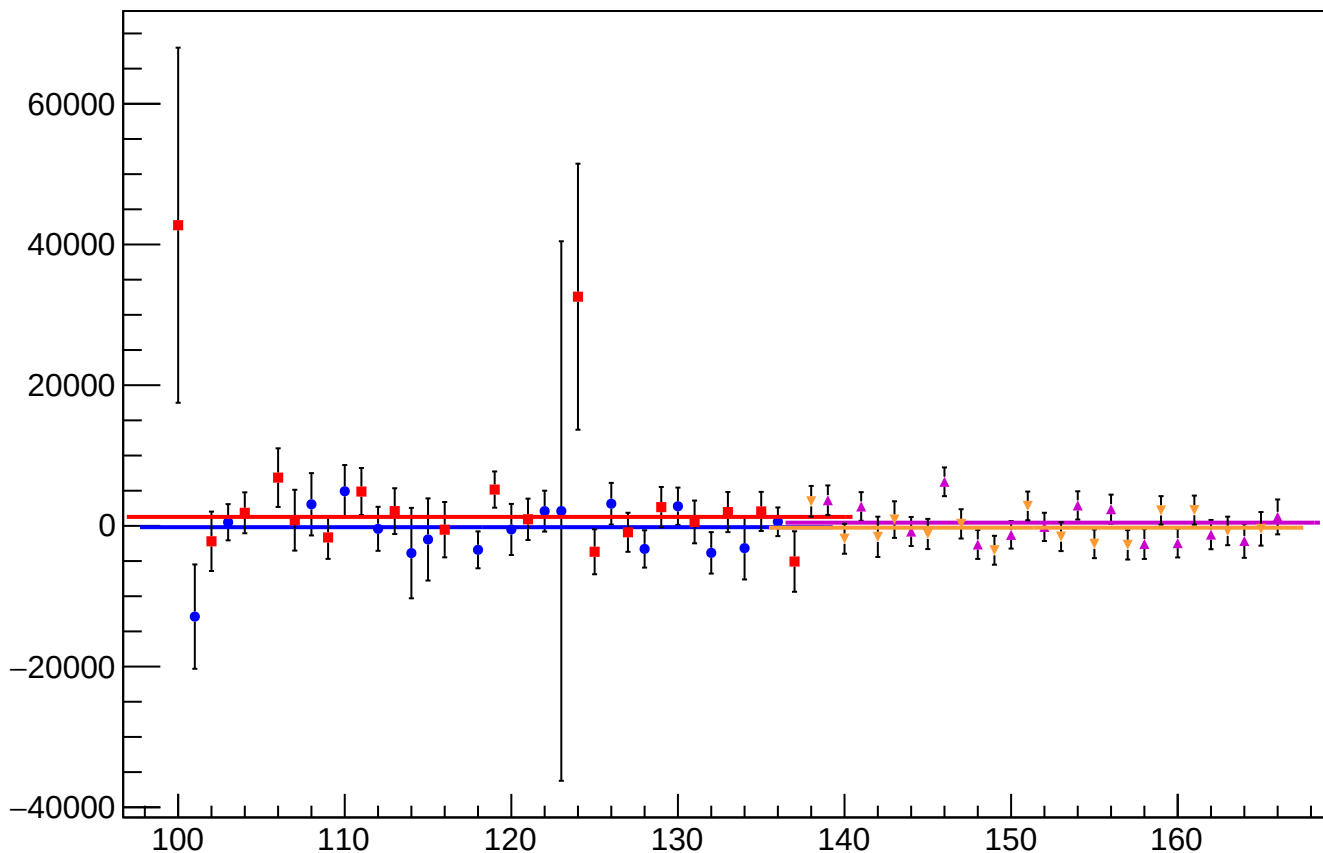
Left In: 2004.051 $\pm$ 0.430 χ^2 /NDF: 93131.7/13

+ sign 2065.389 $\pm$ 0.350 χ^2 /NDF: 858396.0/31

All: 2067.626 $\pm$ 0.248 χ^2 /NDF: 1824108.3/64

- sign 2069.862 $\pm$ 0.350 χ^2 /NDF: 965630.7/32

dit_asym_at1_dd_mean vs Slug



Right In: -184.386 ± 792.384 χ^2/NDF : 14.0/16

Left Out: -255.936 ± 557.003 χ^2/NDF : 14.8/14

Right Out: 1277.929 ± 772.384 χ^2/NDF : 18.2/18

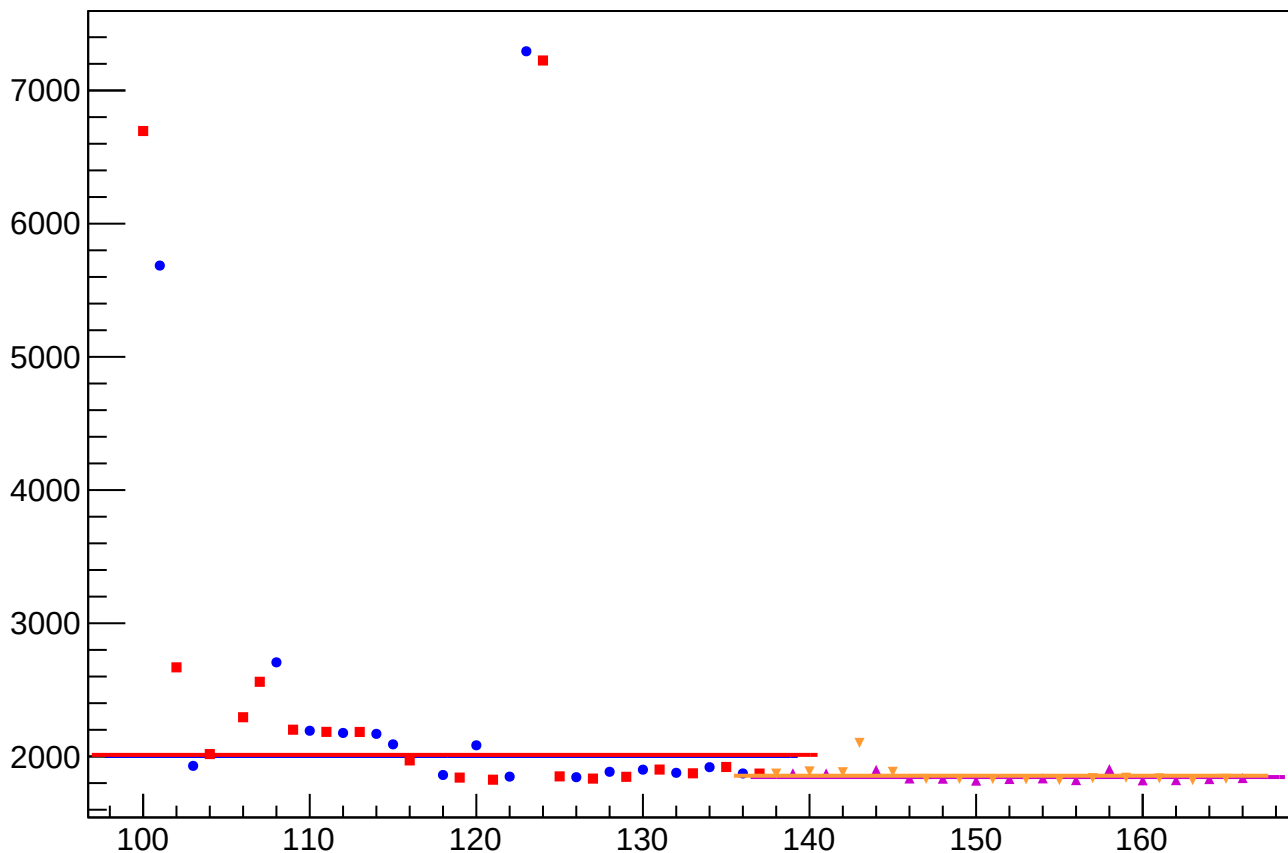
Left In: 457.335 ± 558.908 χ^2/NDF : 23.6/13

+ sign -232.273 ± 455.683 χ^2/NDF : 28.8/31

All: 256.625 ± 321.191 χ^2/NDF : 73.7/64

- sign 739.346 ± 452.796 χ^2/NDF : 42.6/32

dit_asym_at1_dd_rms vs Slug



Right In: 2003.545+/-0.560 χ^2/NDF : 634133.6/16

Left Out: 1855.319+/-0.394 χ^2/NDF : 22012.0/14

Right Out: 2011.800+/-0.546 χ^2/NDF : 377955.0/18

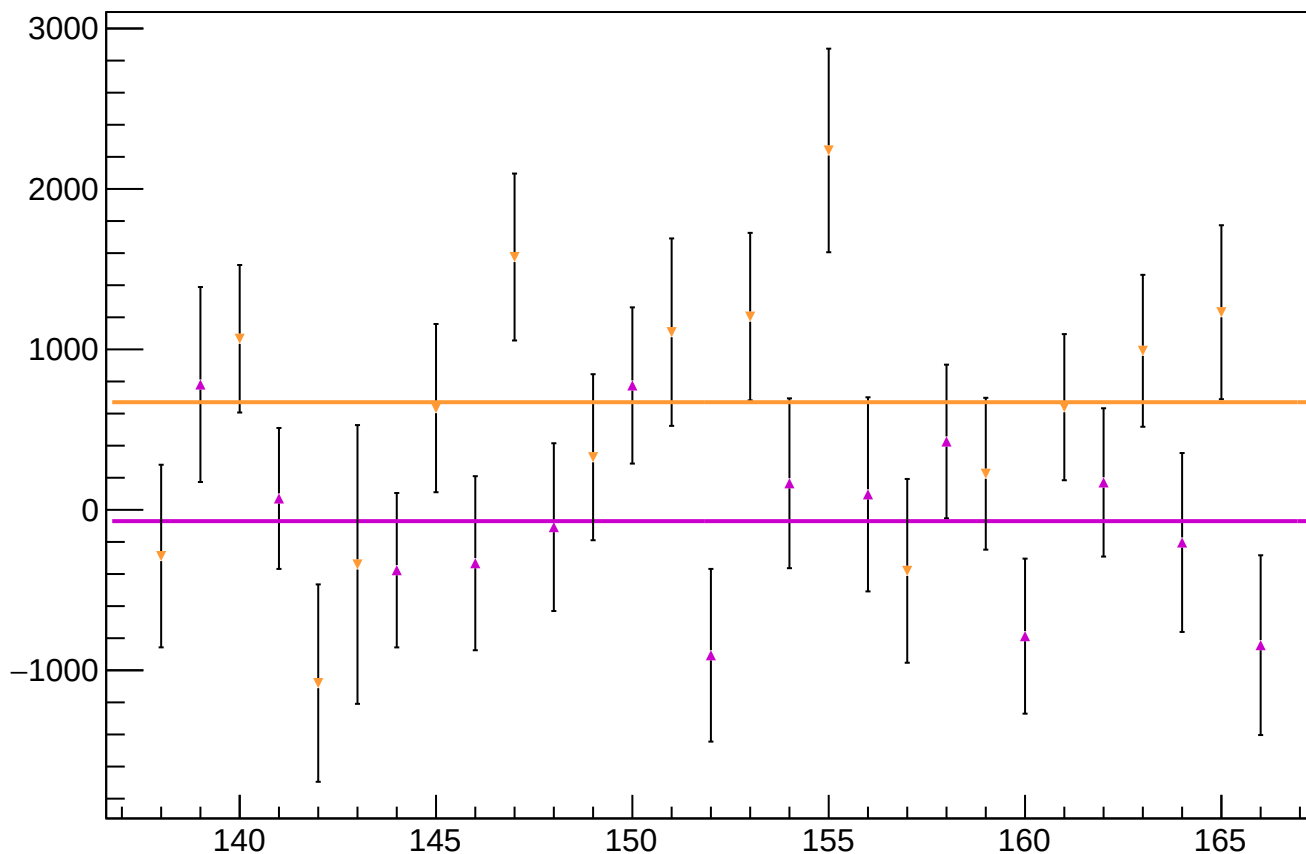
Left In: 1845.345+/-0.395 χ^2/NDF : 5190.2/13

+ sign 1904.340+/-0.322 χ^2/NDF : 702985.4/31

All: 1903.439+/-0.227 χ^2/NDF : 1147111.2/64

- sign 1902.550+/-0.320 χ^2/NDF : 444110.3/32

asym_at1_dd_correction_mean vs Slug



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

Left Out: 670.869+/-138.487 χ^2/NDF :30.0/14

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

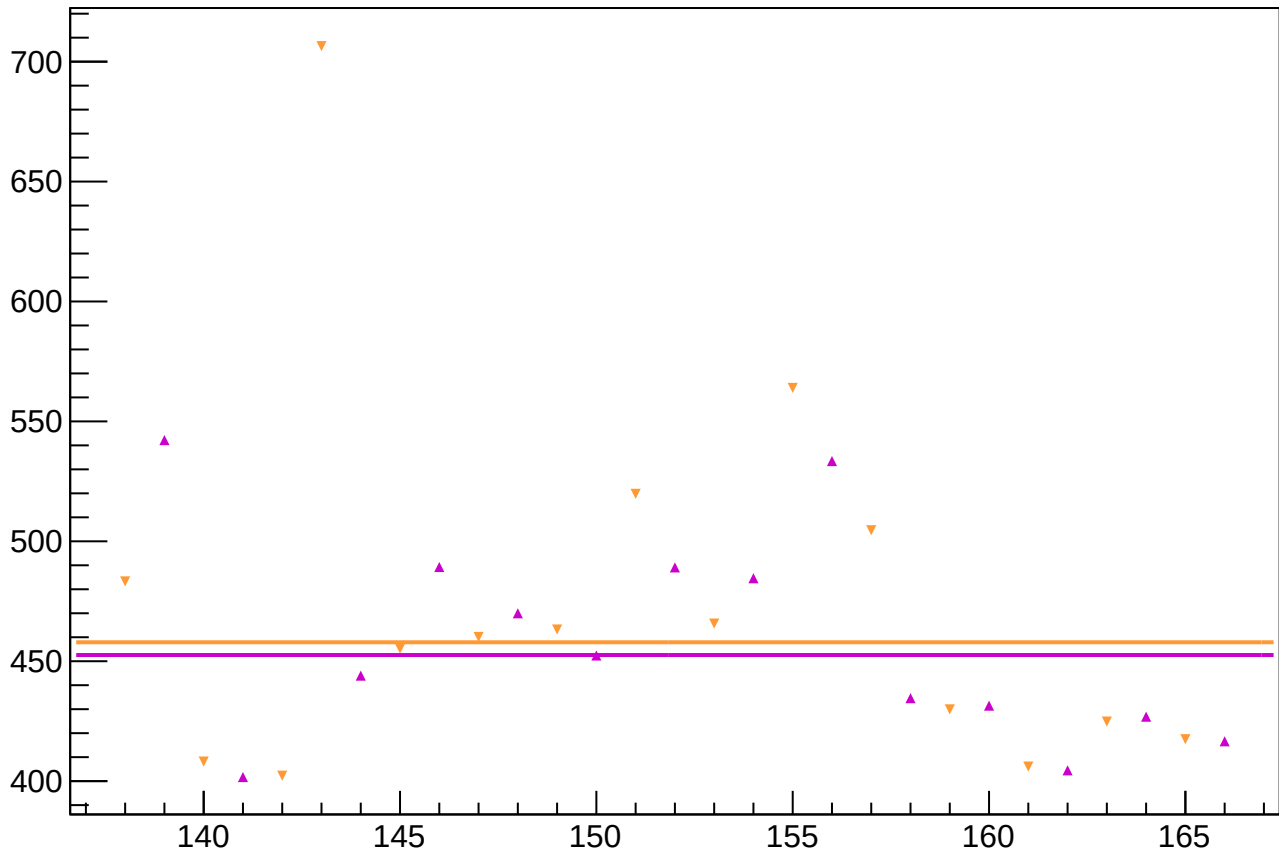
Left In: -70.360+/-137.396 χ^2/NDF :13.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.324+/-97.537 χ^2/NDF : 58.4/28

- 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: 457.899+/-0.098 χ^2/NDF : 353678.7/14

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

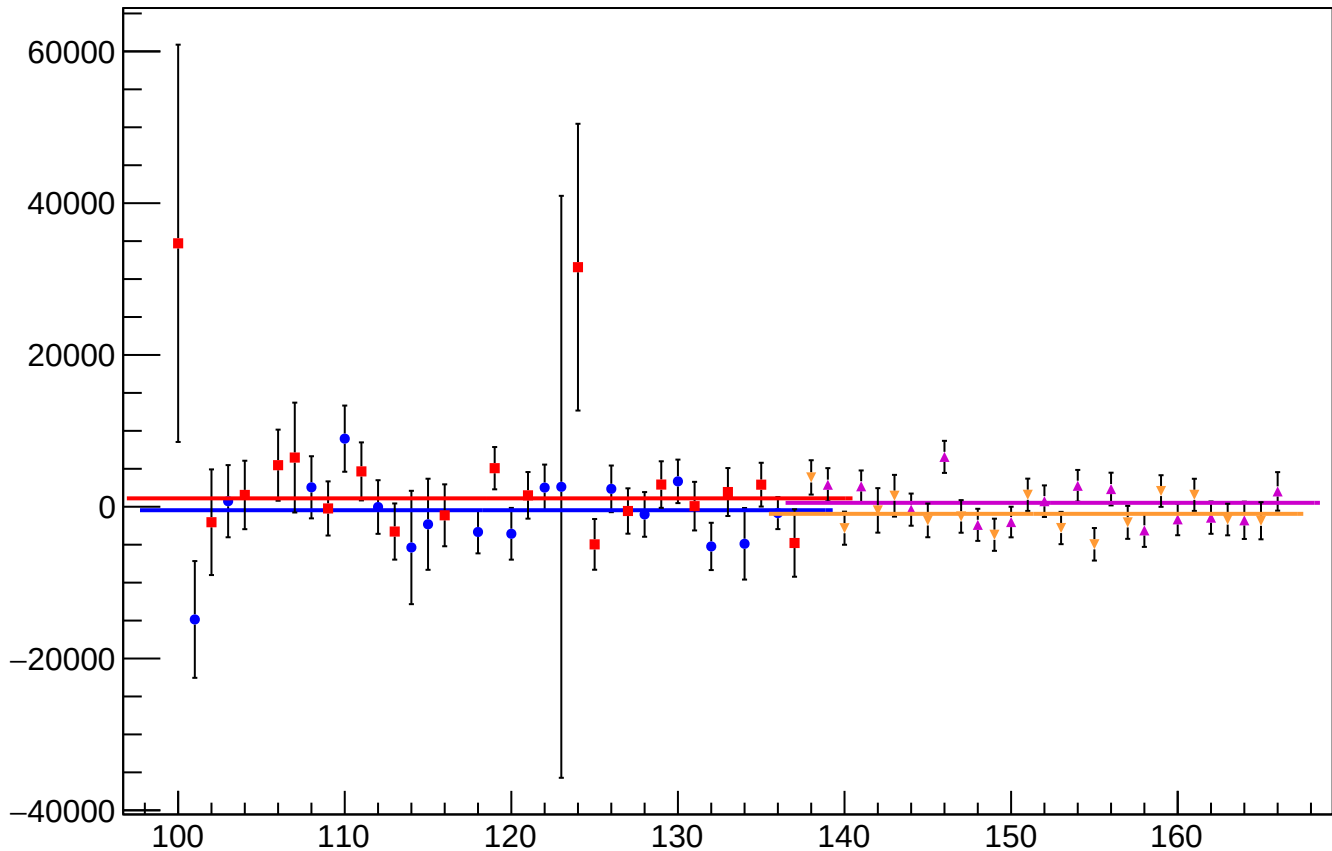
Left In: 452.582+/-0.097 χ^2/NDF : 175432.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.220+/-0.069 χ^2/NDF : 530596.5/28

- 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: -935.513+/-575.466 χ^2/NDF : 17.6/14

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

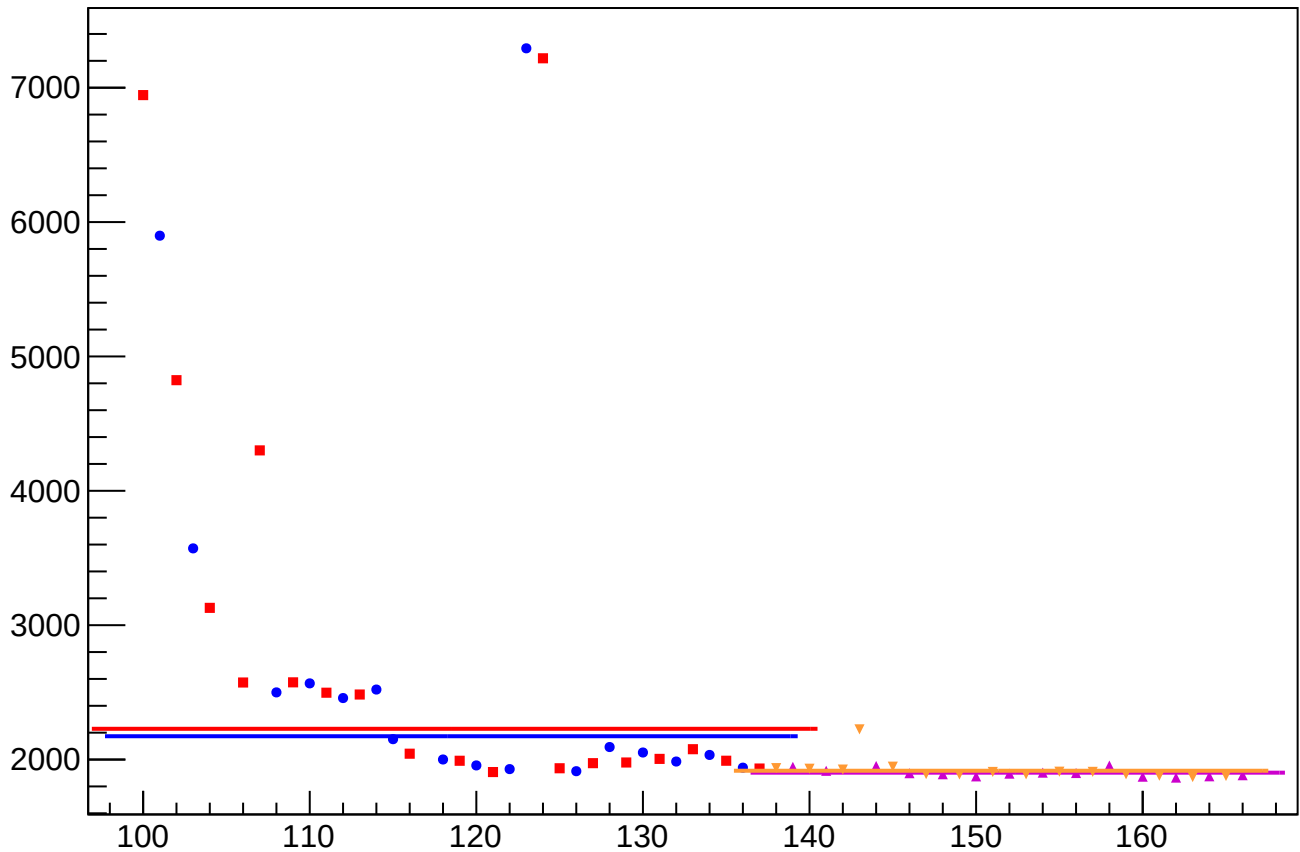
Left In: 516.518+/-576.117 χ^2/NDF : 22.0/13

+ sign -789.141+/-479.149 χ^2/NDF : 35.9/31

All: -47.422+/-339.063 χ^2/NDF : 79.8/64

- sign 696.515+/-479.866 χ^2/NDF : 39.2/32

asym_at1_dd_rms vs Slug



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

Left Out: 1916.743+/-0.407 χ^2/NDF : 29236.2/14

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

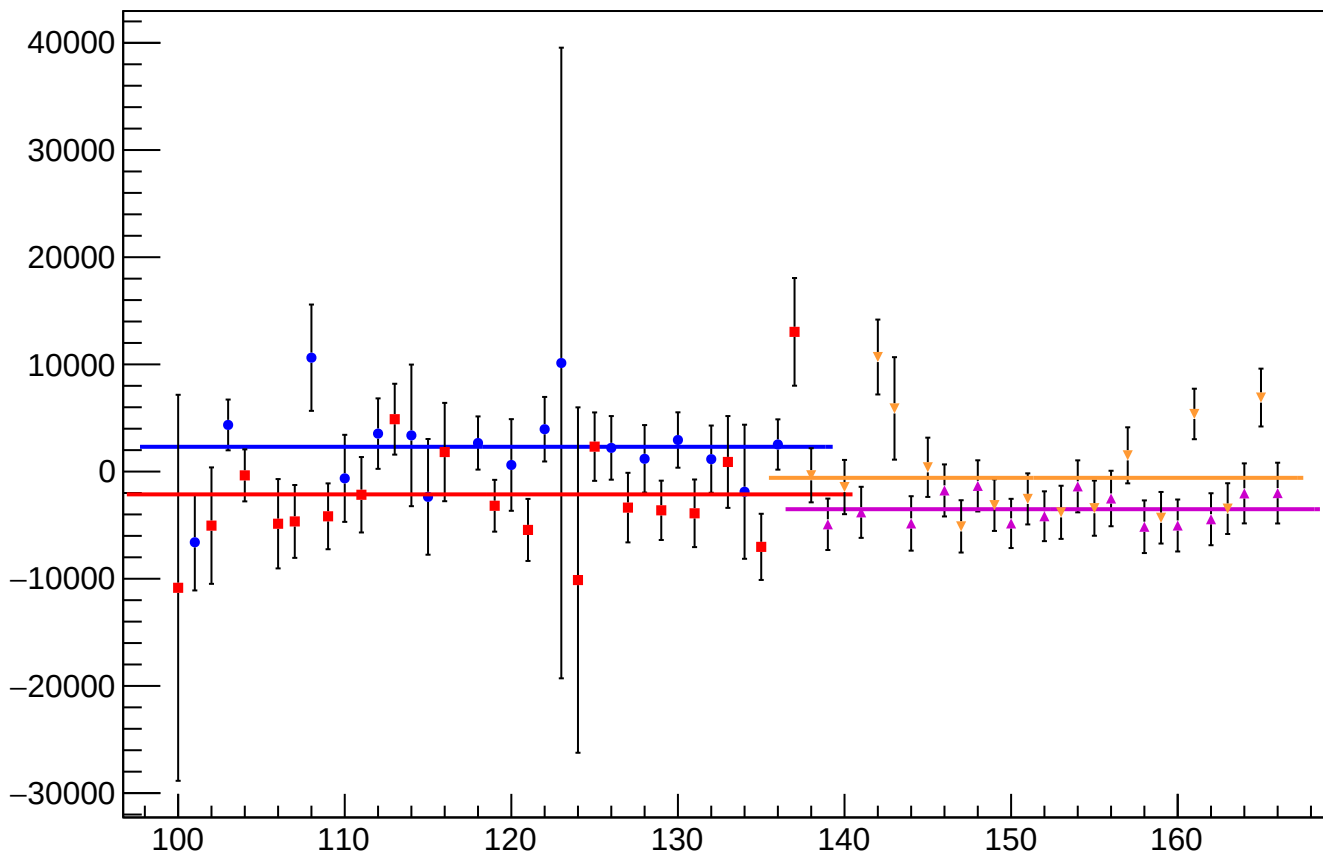
Left In: 1902.362+/-0.407 χ^2/NDF : 4985.8/13

+ sign 1995.507+/-0.339 χ^2/NDF : 956745.5/31

All: 1998.926+/-0.240 χ^2/NDF : 2054541.1/64

- sign 2002.354+/-0.339 χ^2/NDF : 1097591.7/32

dit_asym_at2_avg_mean vs Slug



Right In: 2311.075 ± 821.924 χ^2/NDF : 10.2/16

Left Out: -585.335 ± 672.087 χ^2/NDF : 39.2/14

Right Out: -2128.072 ± 791.943 χ^2/NDF : 24.3/18

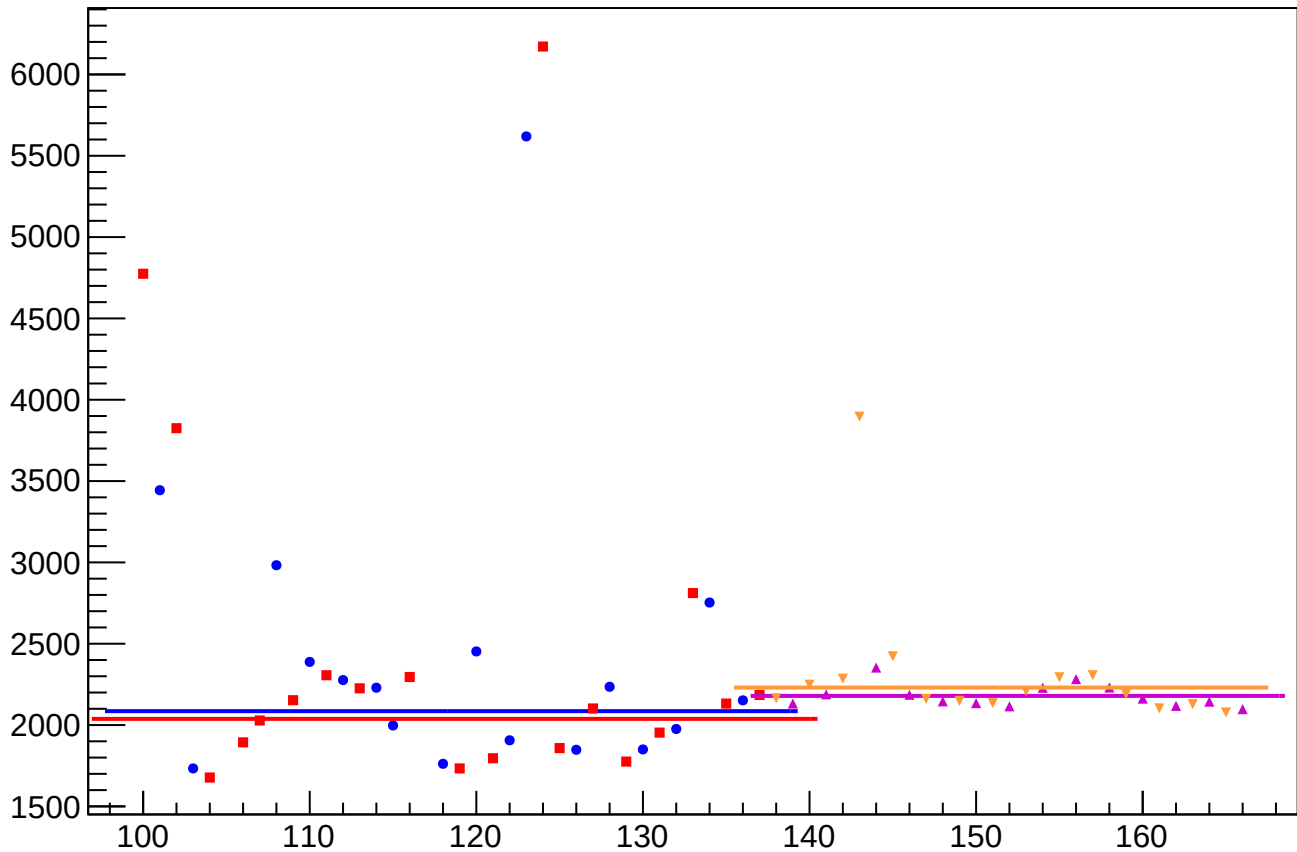
Left In: -3510.778 ± 659.069 χ^2/NDF : 4.9/13

+ sign 575.277 ± 520.290 χ^2/NDF : 56.9/31

All: -1231.819 ± 362.959 χ^2/NDF : 111.4/64

- sign -2944.992 ± 506.589 χ^2/NDF : 31.0/32

dit_asym_at2_avg_rms vs Slug



Right In: 2085.469 +/- 0.581 χ^2/NDF : 457066.0/16

Left Out: 2230.465 +/- 0.475 χ^2/NDF : 281199.5/14

Right Out: 2038.056 +/- 0.560 χ^2/NDF : 609210.7/18

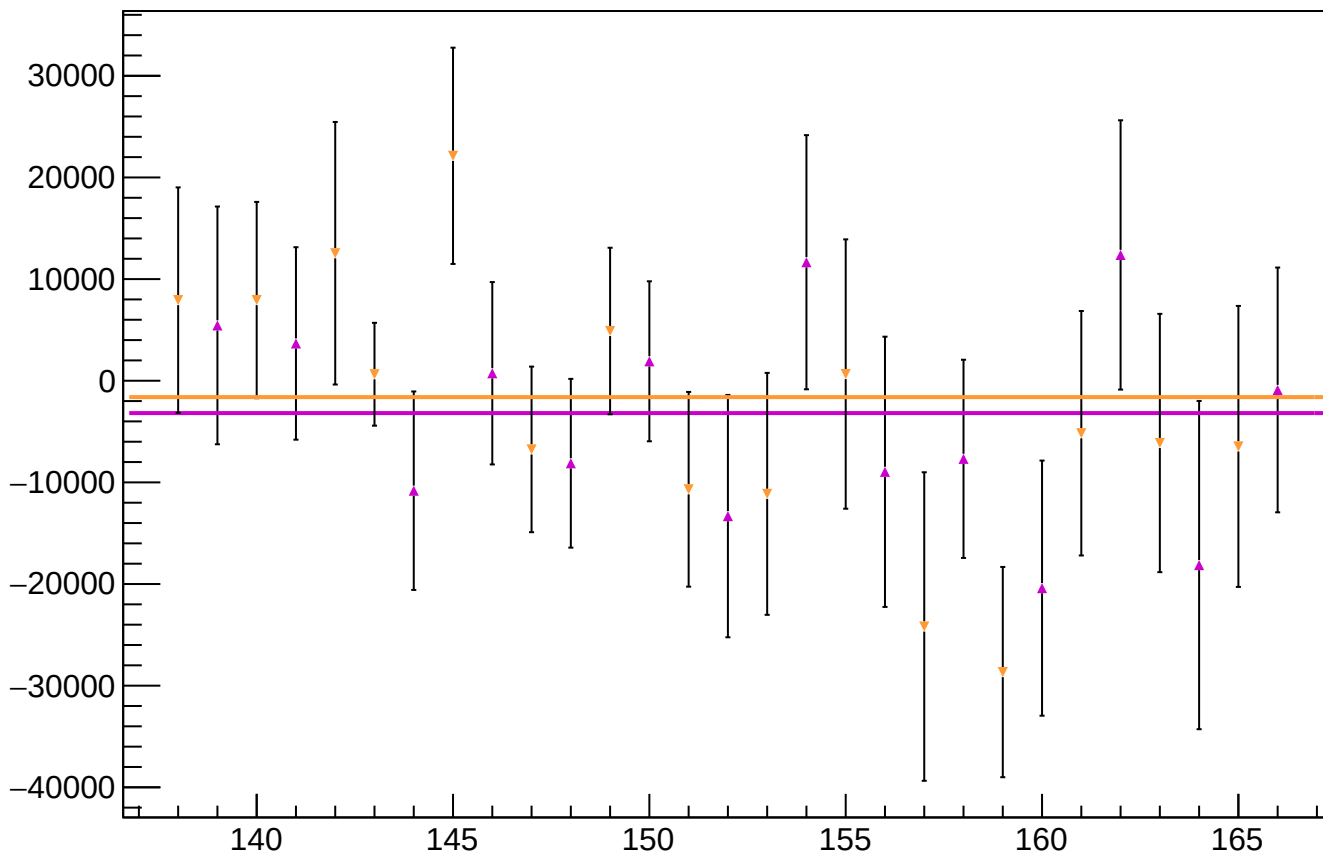
Left In: 2179.348 +/- 0.466 χ^2/NDF : 21122.5/13

+ sign 2172.364 +/- 0.368 χ^2/NDF : 775566.5/31

All: 2146.261 +/- 0.257 χ^2/NDF : 1453326.7/64

- sign 2121.518 +/- 0.358 χ^2/NDF : 667954.3/32

asym_at2_avg_correction_mean vs Slug



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

Left Out: -1610.288+/-2512.468 χ^2/NDF : 20.1/14

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

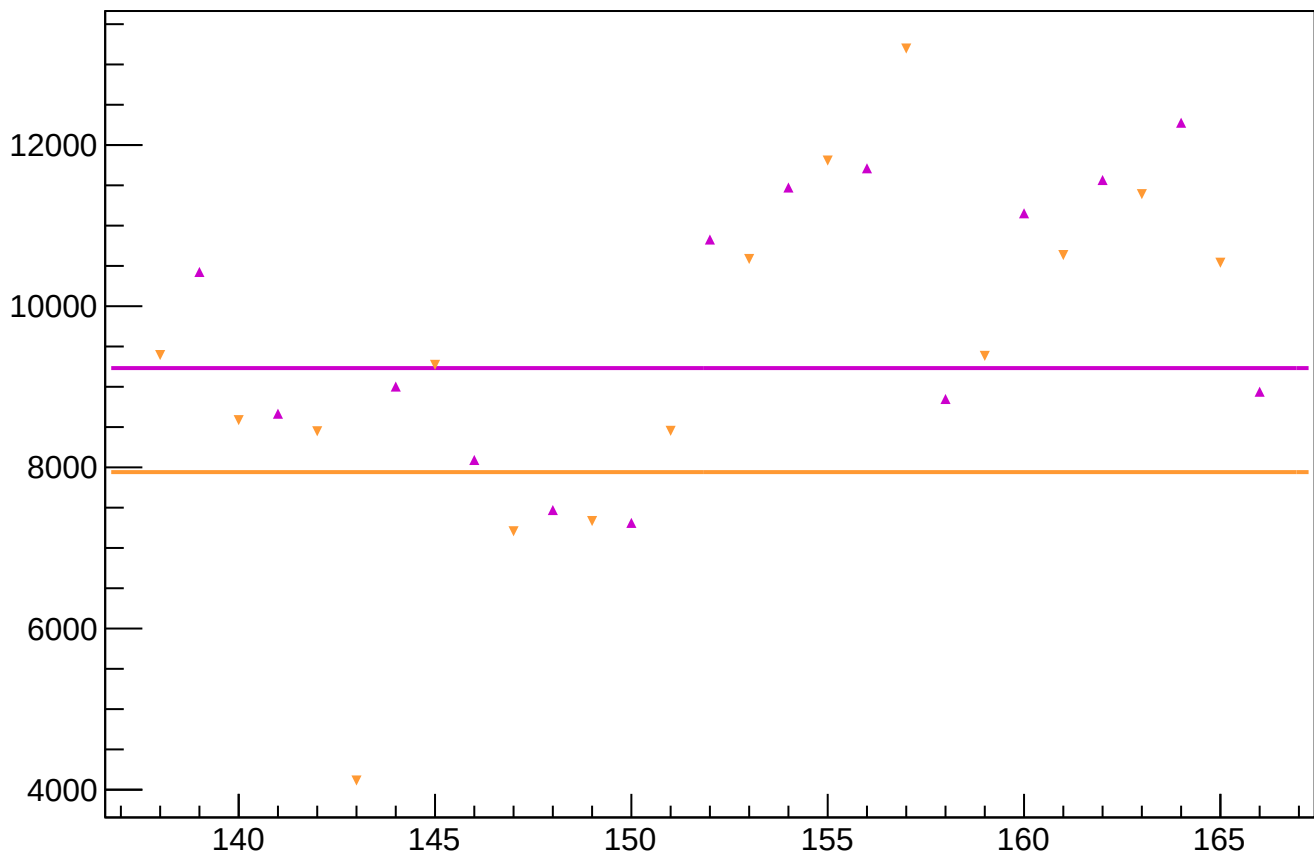
Left In: -3182.825+/-2834.994 χ^2/NDF : 9.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2302.054+/-1880.319 χ^2/NDF : 29.6/28

- 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: 7941.235+/-1.777 χ^2/NDF : 2121540.6/14

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

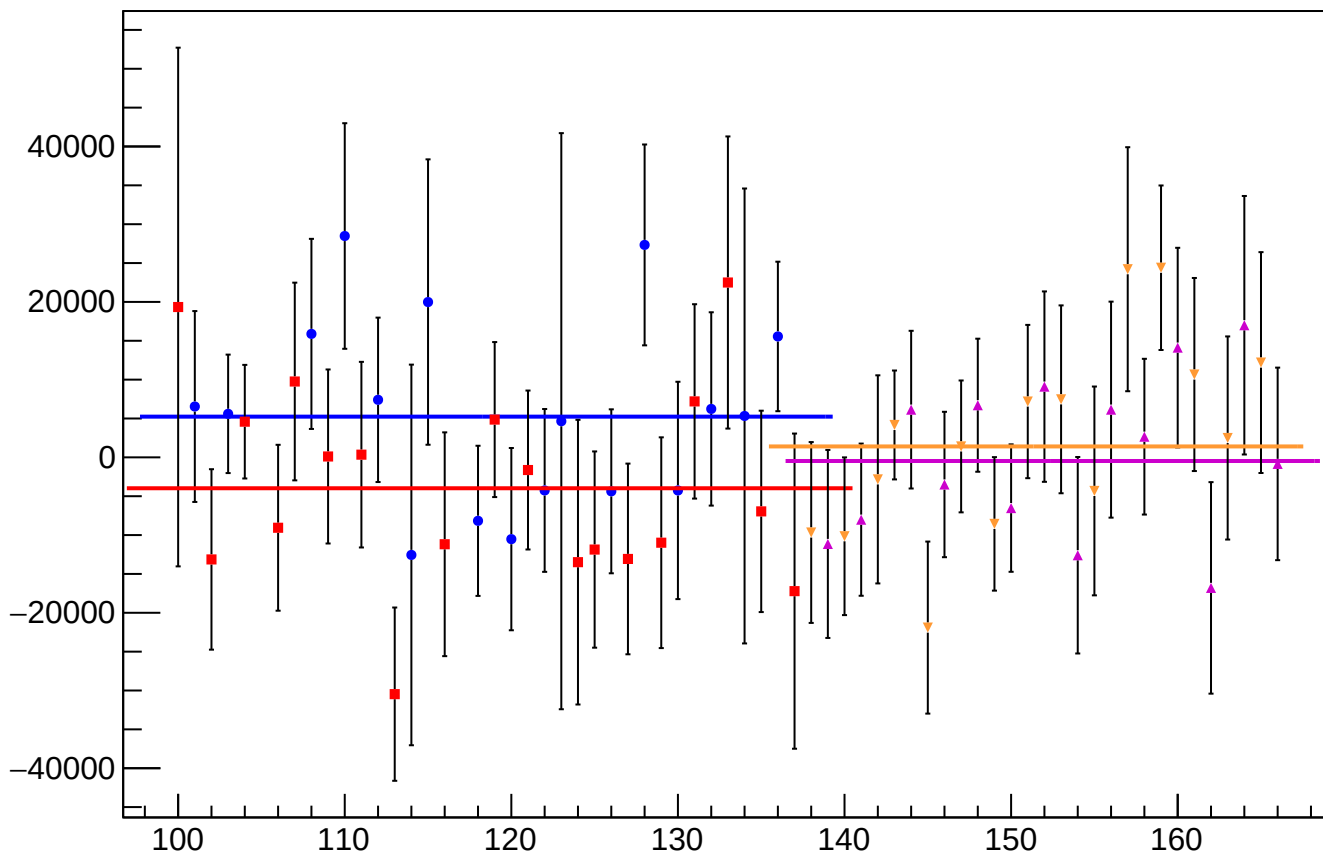
Left In: 9232.074+/-2.005 χ^2/NDF : 624495.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8509.081+/-1.330 χ^2/NDF : 2978272.9/28

- 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: 1404.645 $\pm$ 2756.511 χ^2 /NDF:17.0/14

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

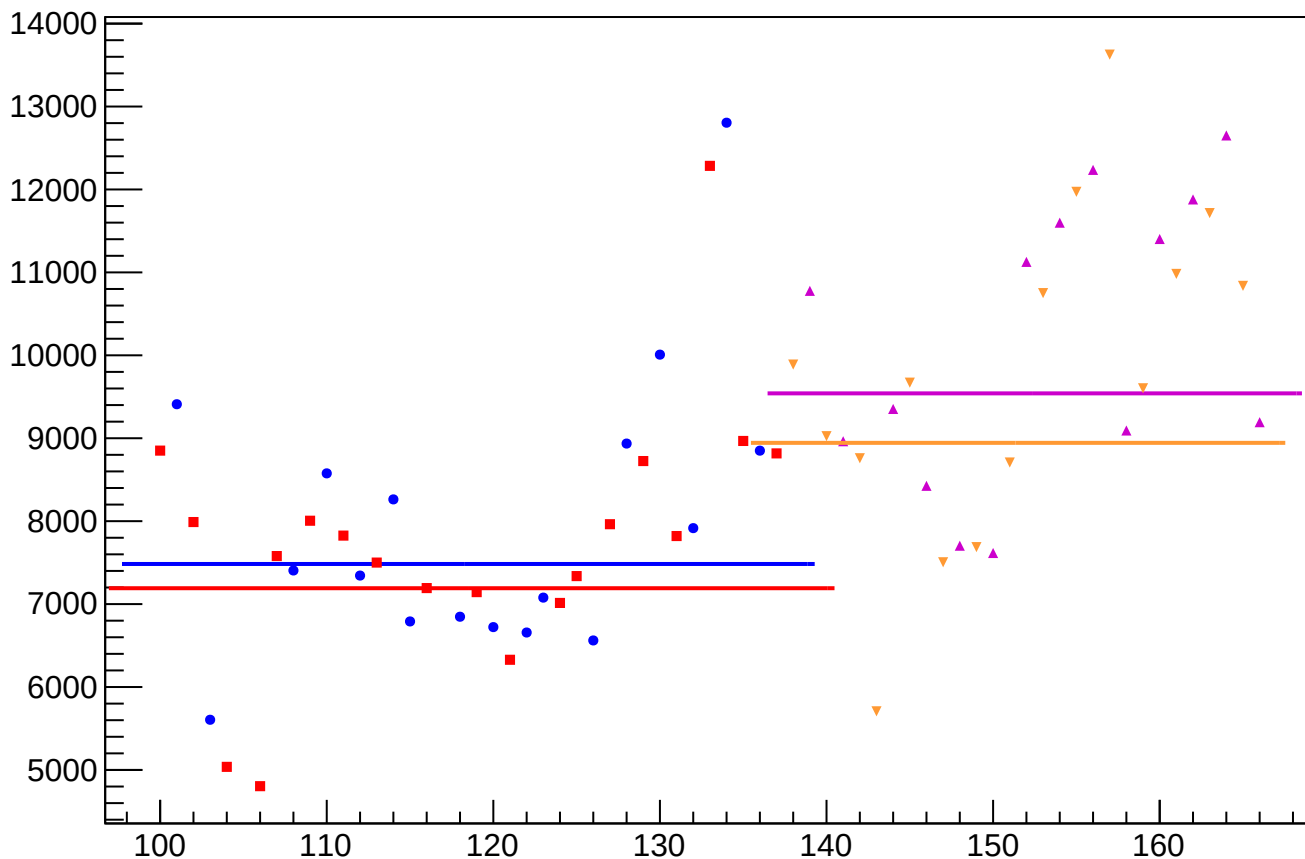
Left In: -468.931 $\pm$ 2928.702 χ^2 /NDF:8.8/13

+ sign 3194.236 $\pm$ 2012.857 χ^2 /NDF: 32.4/31

All: 453.571 $\pm$ 1425.909 χ^2 /NDF: 61.3/64

- sign -2307.245 $\pm$ 2020.243 χ^2 /NDF: 25.2/32

asym_at2_avg_rms vs Slug



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

Left Out: 8944.452 $\pm$ 1.949 χ^2 /NDF:1062004.6/14

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

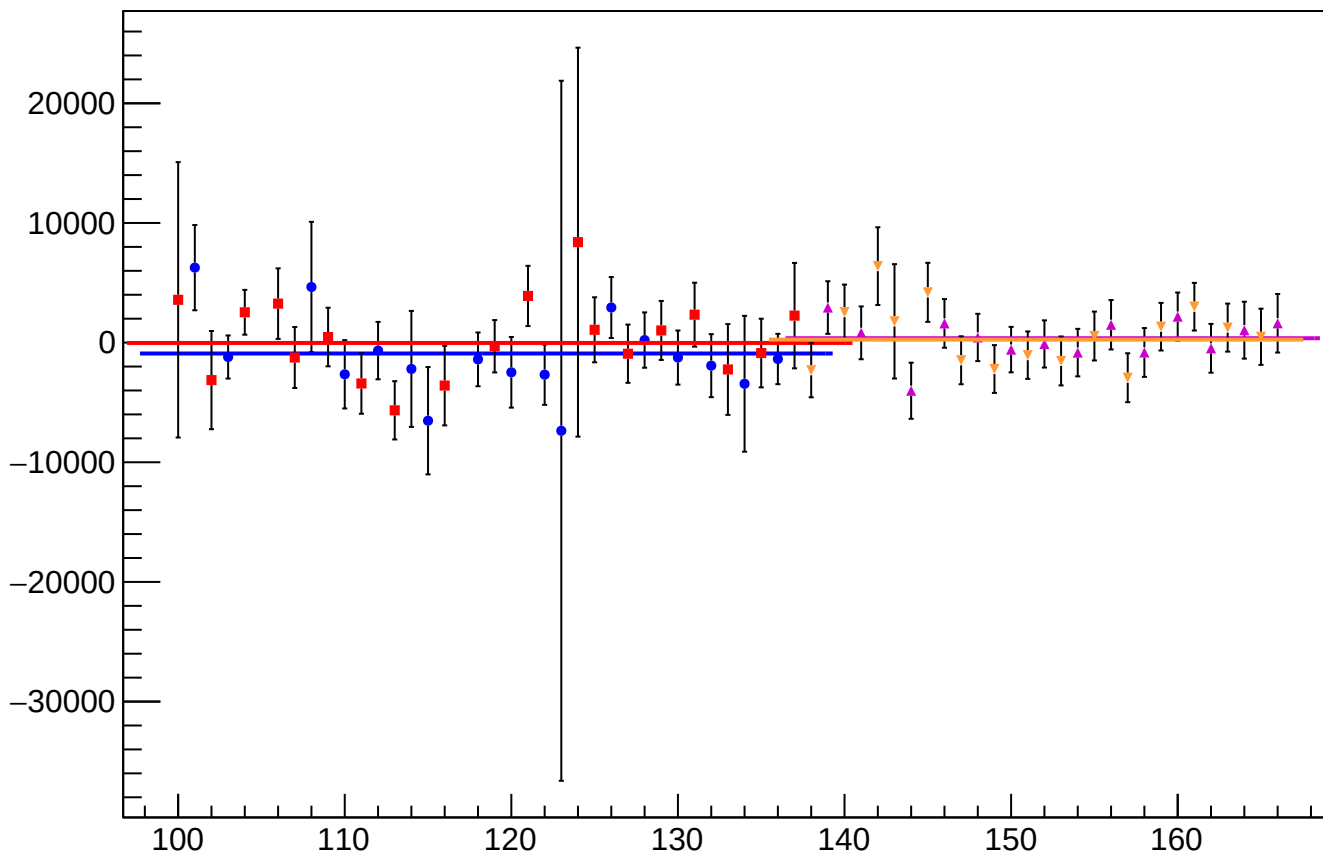
Left In: 9541.122 $\pm$ 2.071 χ^2 /NDF:597630.9/13

+ sign 8262.624 $\pm$ 1.423 χ^2 /NDF: 1755952.7/31

All: 8285.906 $\pm$ 1.008 χ^2 /NDF: 3587734.6/64

- sign 8309.357 $\pm$ 1.428 χ^2 /NDF: 1831244.8/32

dit_asym_at2_dd_mean vs Slug



Right In: -909.107+/-671.360 χ^2/NDF : 10.9/16

Left Out: 250.475+/-568.541 χ^2/NDF : 16.9/14

Right Out: -26.566+/-642.141 χ^2/NDF : 17.0/18

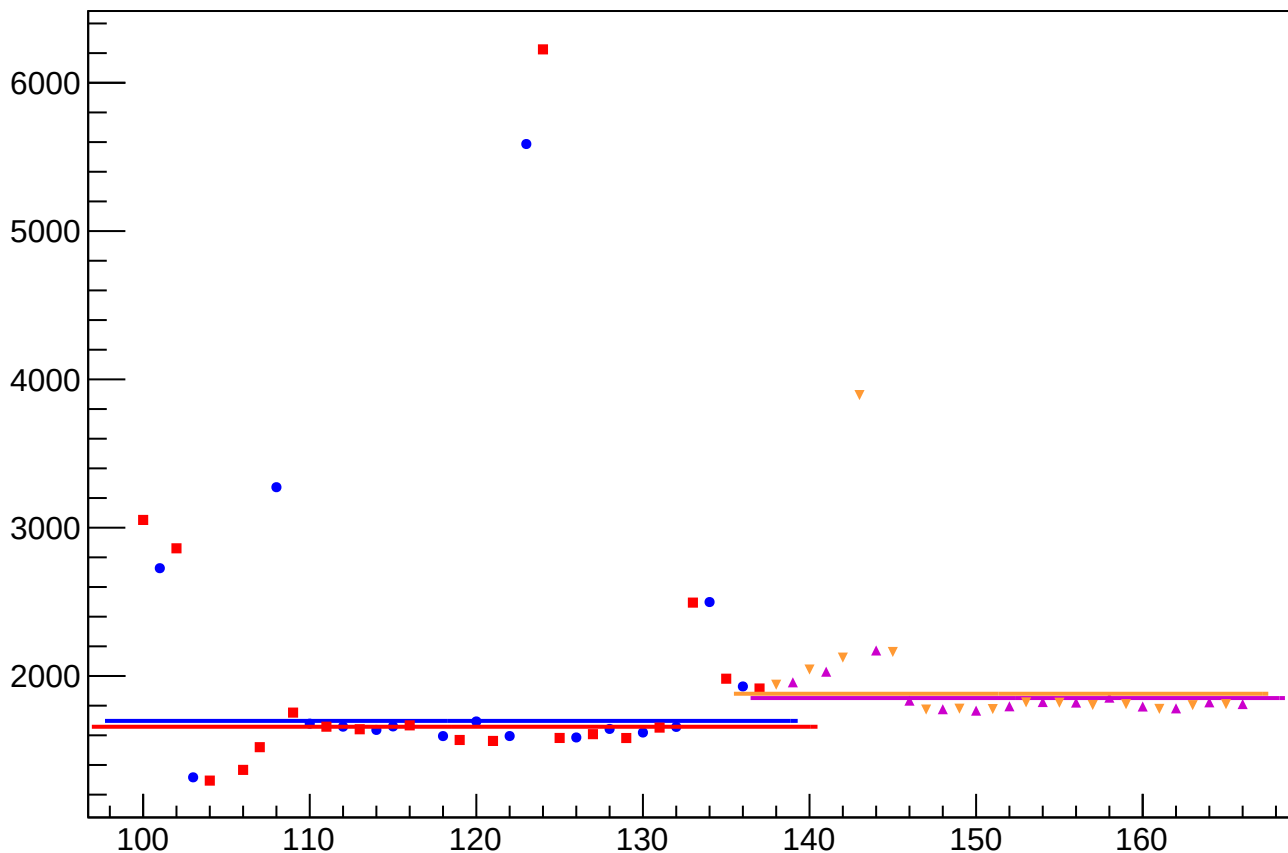
Left In: 366.574+/-560.291 χ^2/NDF : 7.9/13

+ sign -233.814+/-433.867 χ^2/NDF : 29.6/31

All: -12.709+/-302.573 χ^2/NDF : 55.2/64

- sign 196.642+/-422.177 χ^2/NDF : 25.1/32

dit_asym_at2_dd_rms vs Slug



Right In: 1697.239+/-0.475 χ^2/NDF : 539725.9/16

Left Out: 1880.314+/-0.402 χ^2/NDF : 438857.0/14

Right Out: 1657.716+/-0.454 χ^2/NDF : 603007.7/18

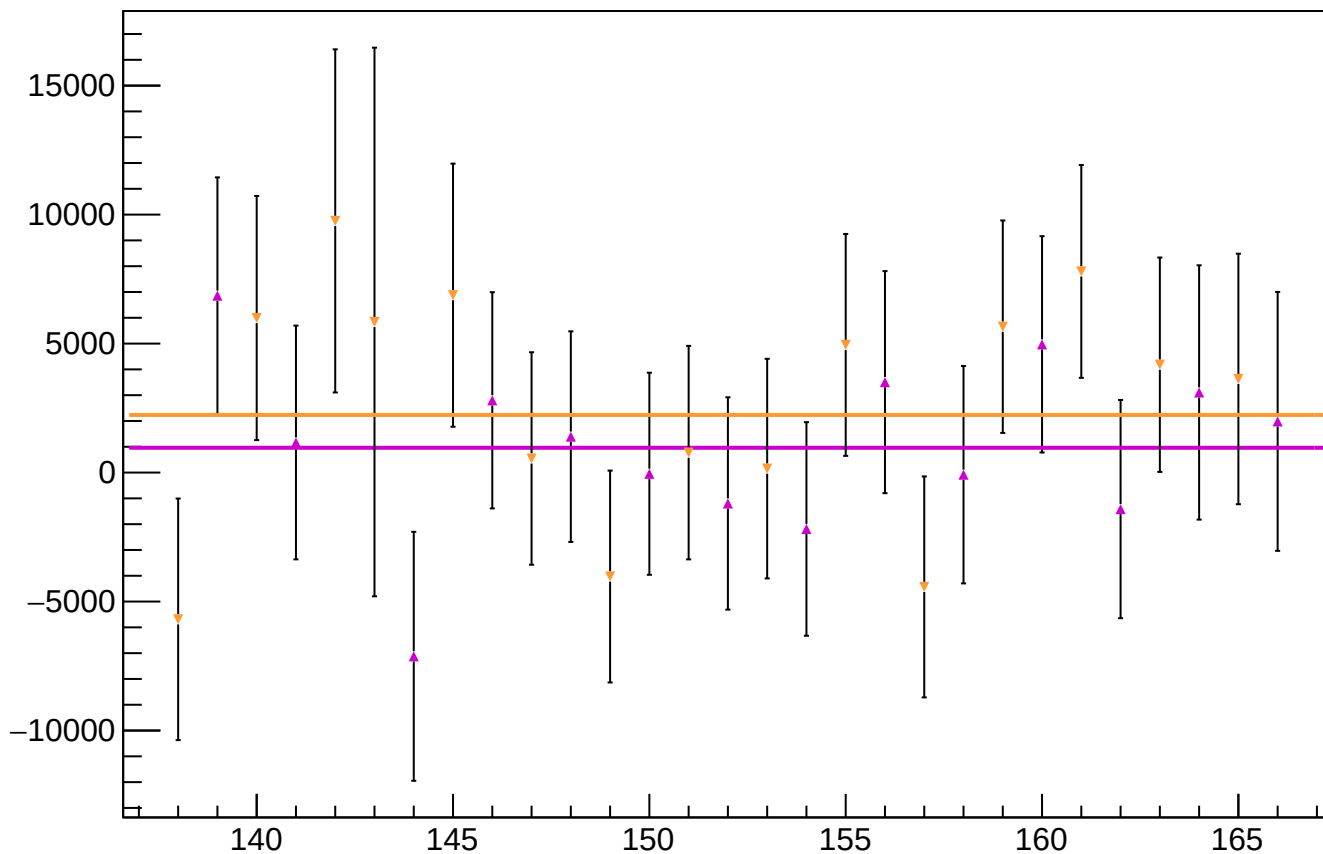
Left In: 1851.168+/-0.396 χ^2/NDF : 69261.2/13

+ sign 1803.854+/-0.307 χ^2/NDF : 1065193.1/31

All: 1785.206+/-0.214 χ^2/NDF : 1847711.5/64

- sign 1767.549+/-0.299 χ^2/NDF : 775325.3/32

asym_at2_dd_correction_mean vs Slug



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

Left Out: 2233.461+/-1179.616 χ^2/NDF :14.2/14

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

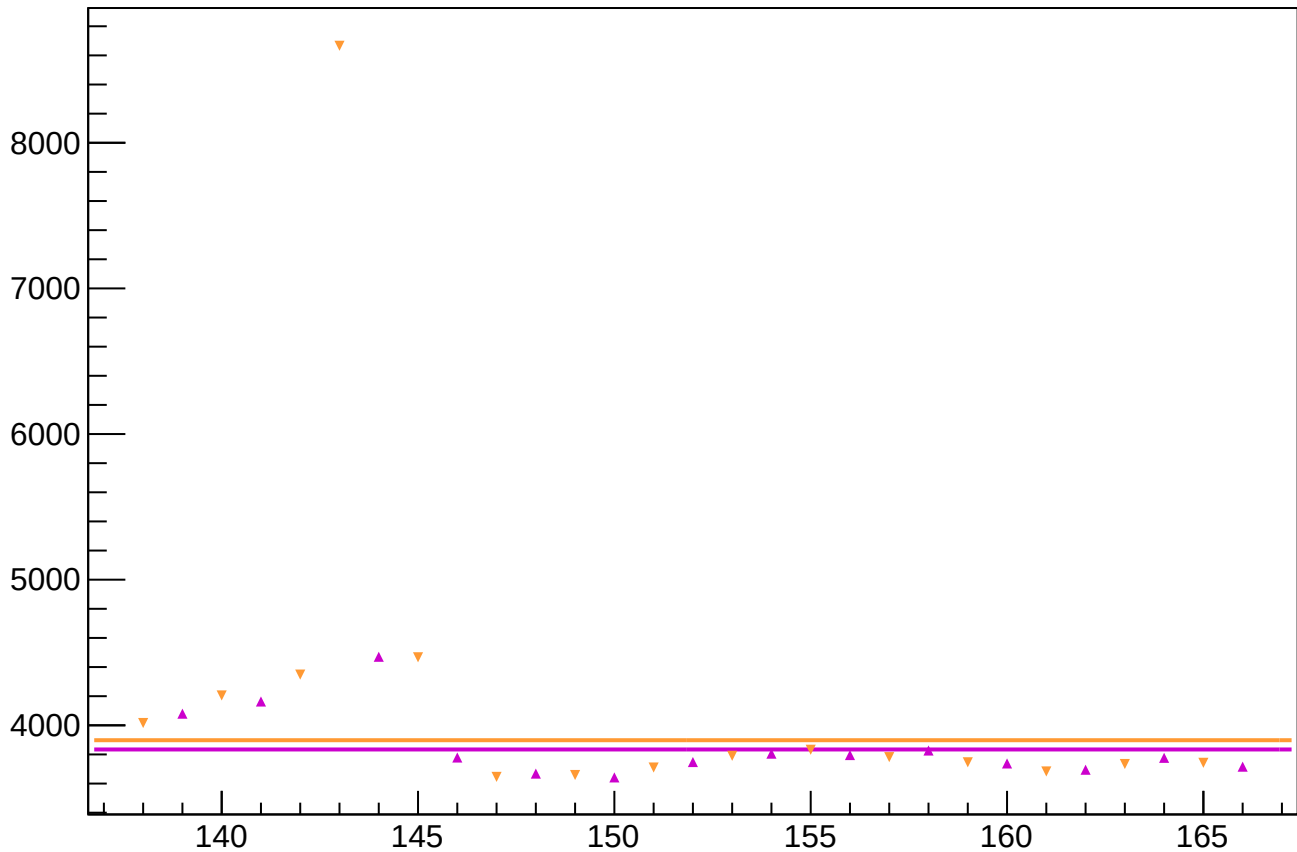
Left In: 961.717+/-1160.340 χ^2/NDF :7.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.113+/-827.215 χ^2/NDF : 22.3/28

- 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: 3897.689+/-0.834 χ^2/NDF : 480786.1/14

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

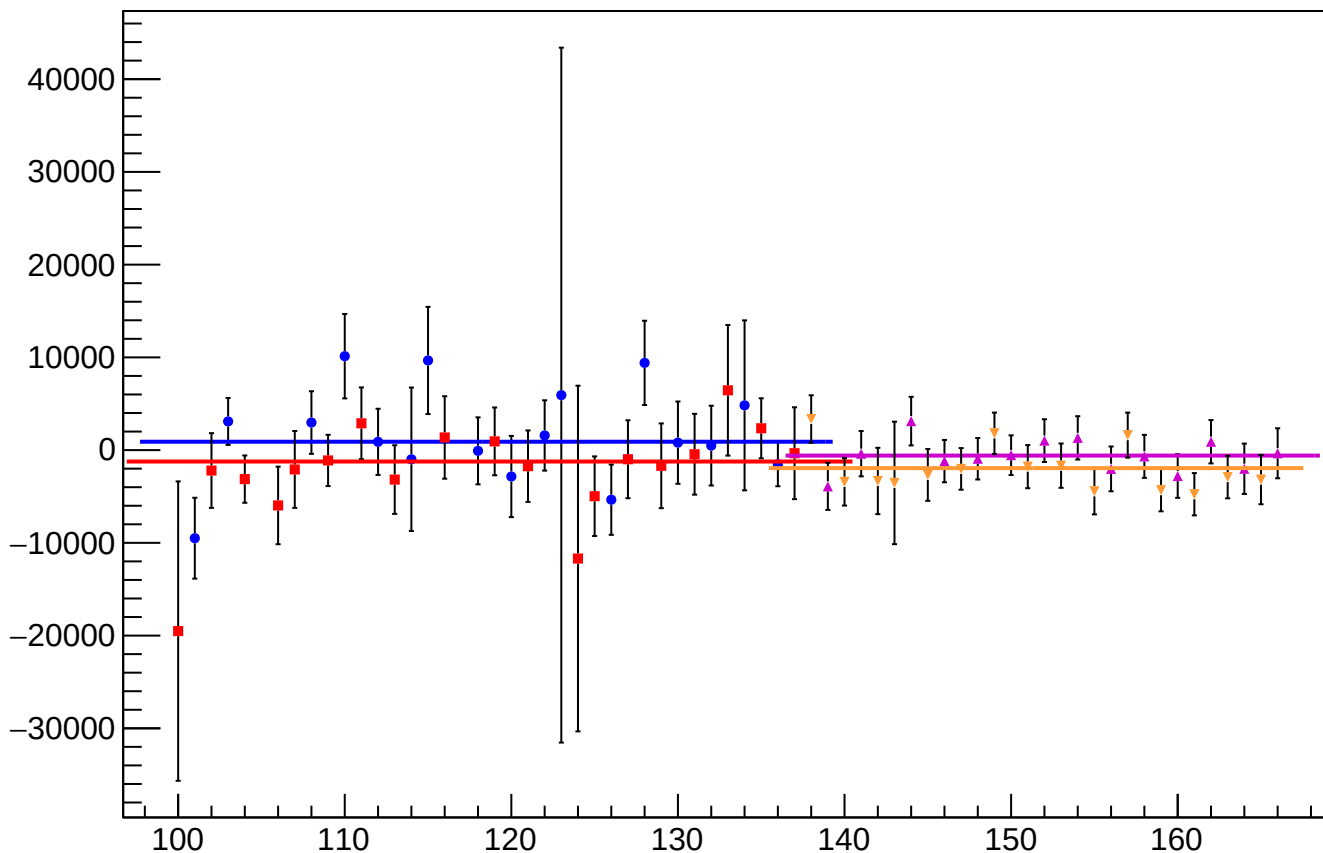
Left In: 3834.113+/-0.820 χ^2/NDF : 65285.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3865.378+/-0.585 χ^2/NDF : 549024.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



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

Left Out: -1943.202 $\pm$ 653.563 χ^2 /NDF:13.9/14

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

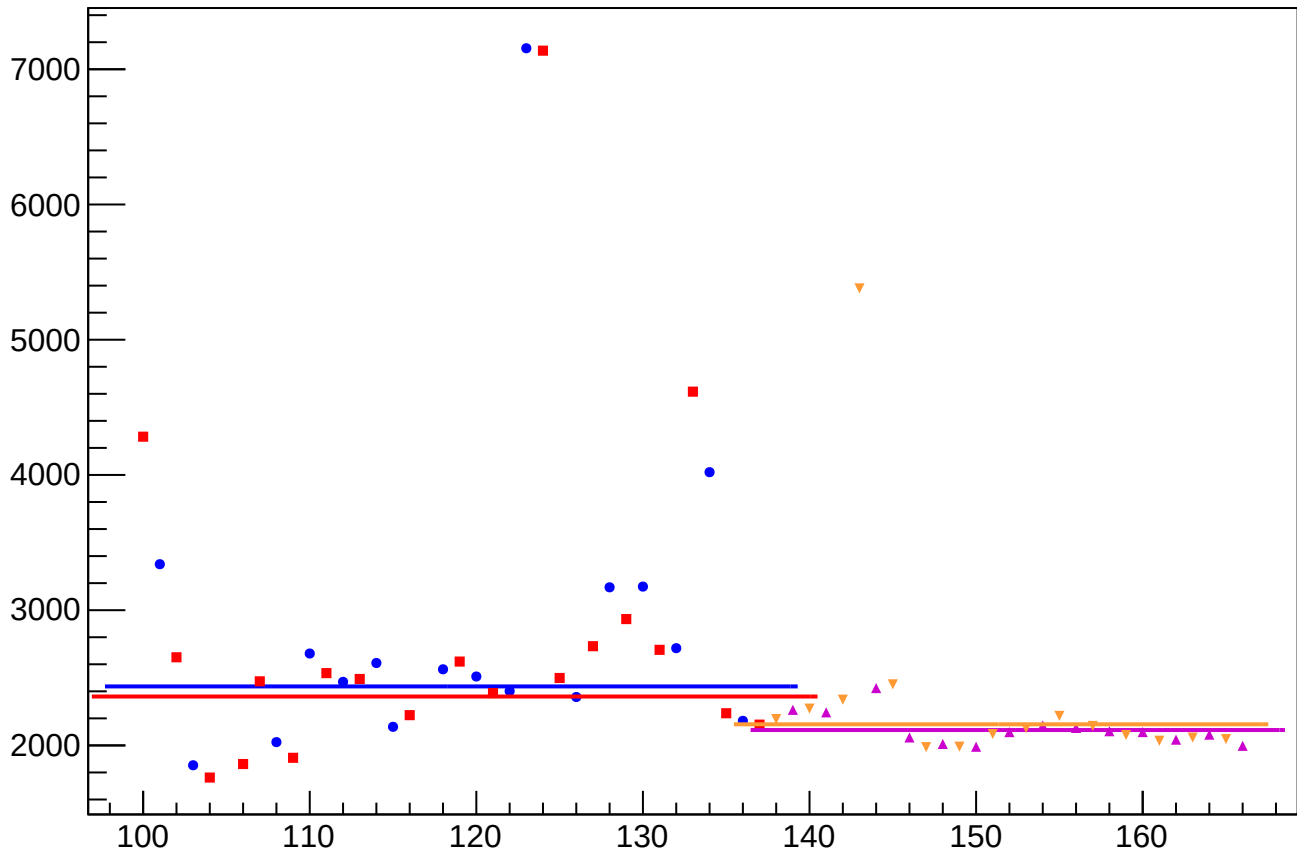
Left In: -590.274 $\pm$ 639.619 χ^2 /NDF:6.9/13

+ sign -1044.185 $\pm$ 540.590 χ^2 /NDF: 41.5/31

All: -917.507 $\pm$ 377.027 χ^2 /NDF: 57.7/64

- sign -797.529 $\pm$ 526.099 χ^2 /NDF: 16.1/32

asym_at2_dd_rms vs Slug



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

Left Out: 2156.128+/-0.462 χ^2/NDF : 549500.1/14

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

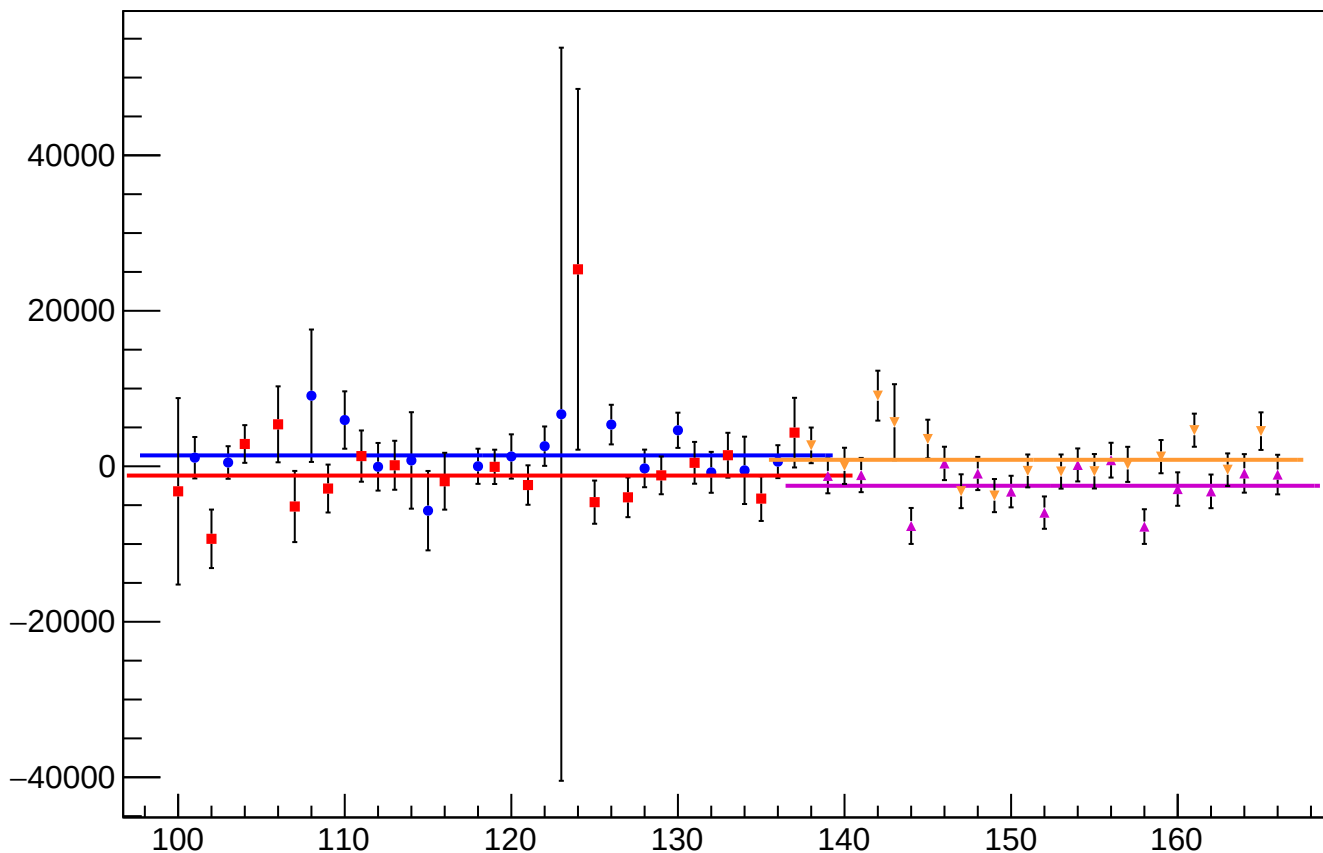
Left In: 2113.822+/-0.452 χ^2/NDF : 59398.6/13

+ sign 2244.602+/-0.382 χ^2/NDF : 1134098.8/31

All: 2218.591+/-0.267 χ^2/NDF : 1955408.0/64

- sign 2193.956+/-0.372 χ^2/NDF : 812293.6/32

dit_asym_atl_avg_mean vs Slug



Right In: 1400.477 ± 699.727 χ^2/NDF : 11.3/16

Left Out: 834.640 ± 600.289 χ^2/NDF : 25.0/14

Right Out: -1191.720 ± 715.266 χ^2/NDF : 19.5/18

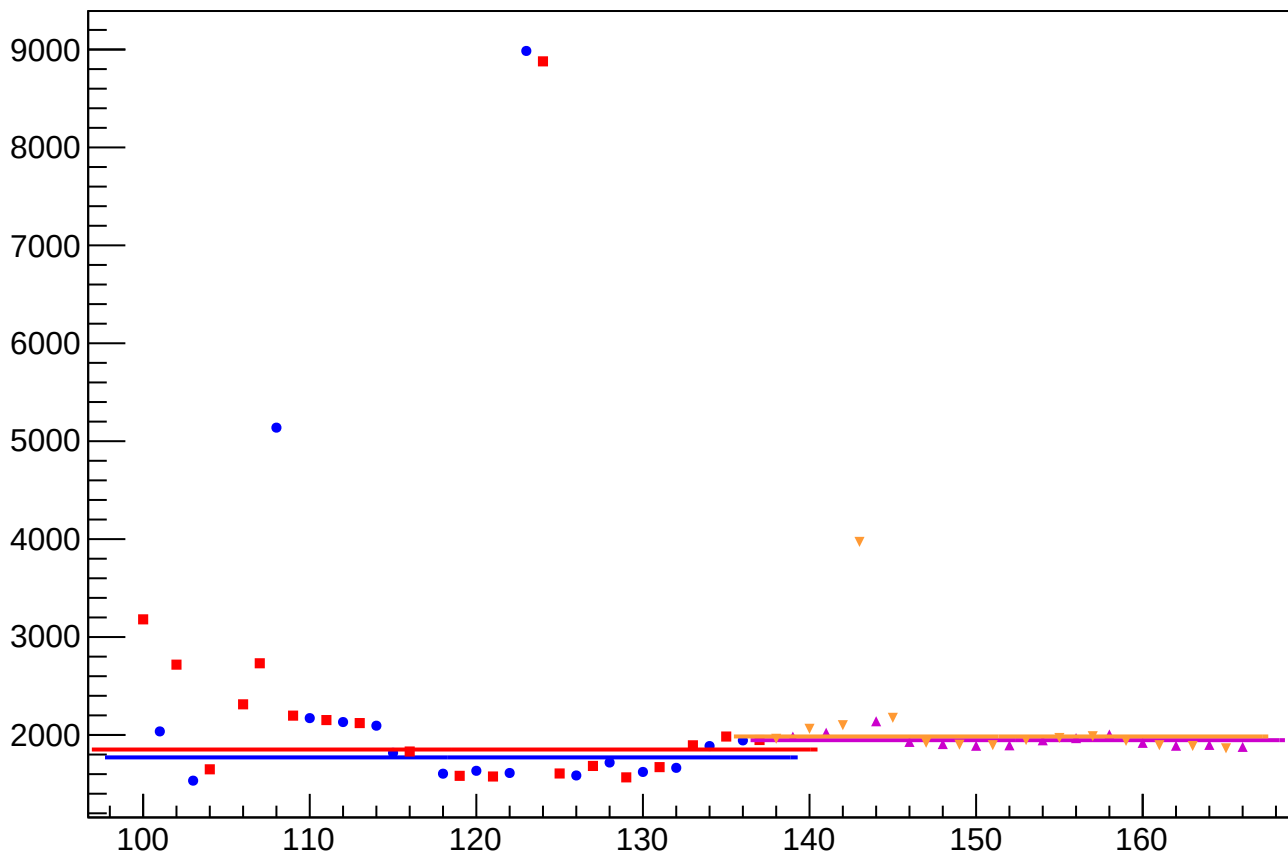
Left In: -2505.312 ± 590.051 χ^2/NDF : 21.1/13

+ sign 1074.529 ± 455.605 χ^2/NDF : 36.7/31

All: -450.902 ± 322.005 χ^2/NDF : 101.6/64

- sign -1973.375 ± 455.163 χ^2/NDF : 42.6/32

dit_asym_atl_avg_rms vs Slug



Right In: 1770.964 $\pm$ 0.495 χ^2 /NDF: 523586.3/16

Left Out: 1984.694 $\pm$ 0.424 χ^2 /NDF: 369973.9/14

Right Out: 1851.378 $\pm$ 0.505 χ^2 /NDF: 597933.6/18

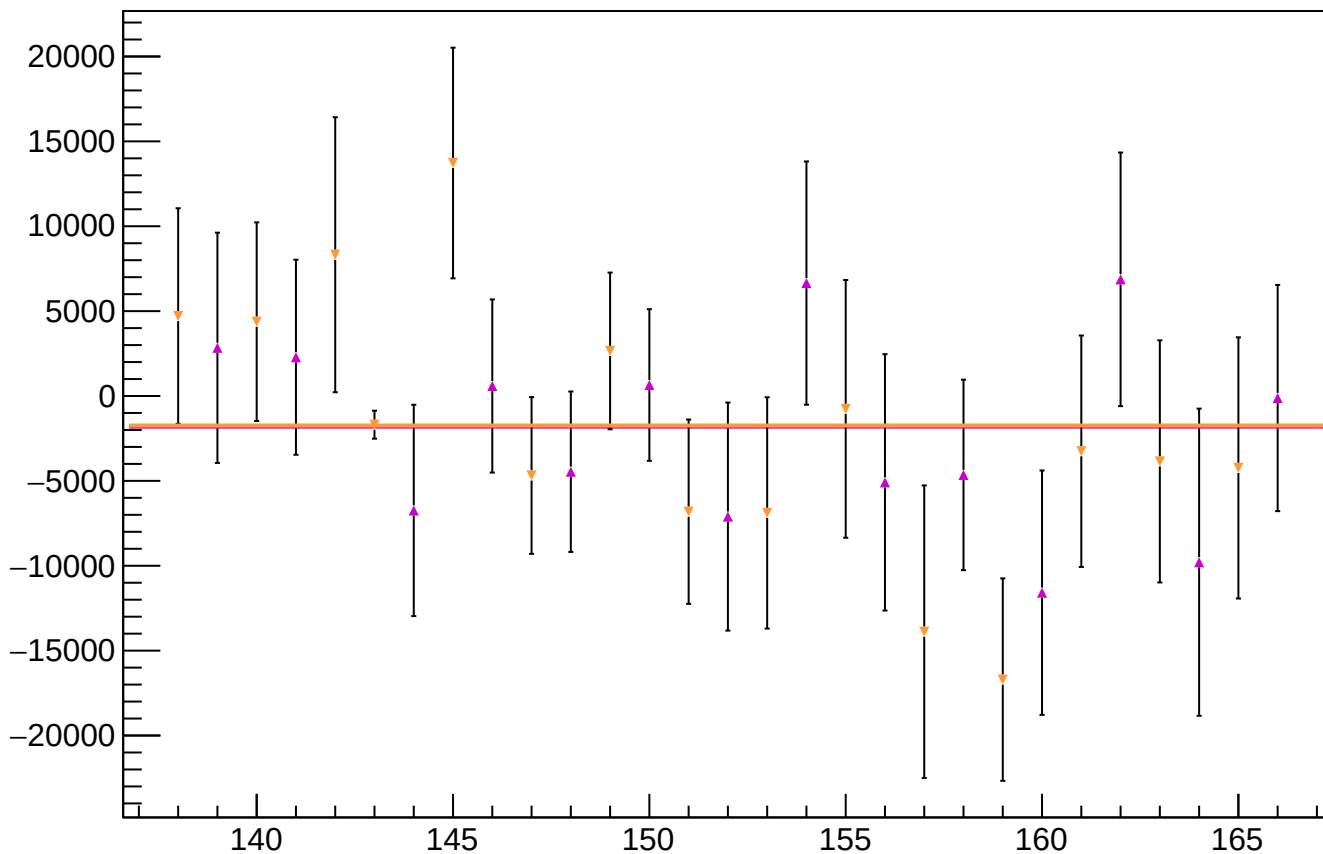
Left In: 1946.823 $\pm$ 0.417 χ^2 /NDF: 25937.2/13

+ sign 1894.082 $\pm$ 0.322 χ^2 /NDF: 1001048.8/31

All: 1901.110 $\pm$ 0.228 χ^2 /NDF: 1647091.3/64

- sign 1908.118 $\pm$ 0.322 χ^2 /NDF: 645091.9/32

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1739.092+/-738.811 χ^2/NDF : 20.2/14

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

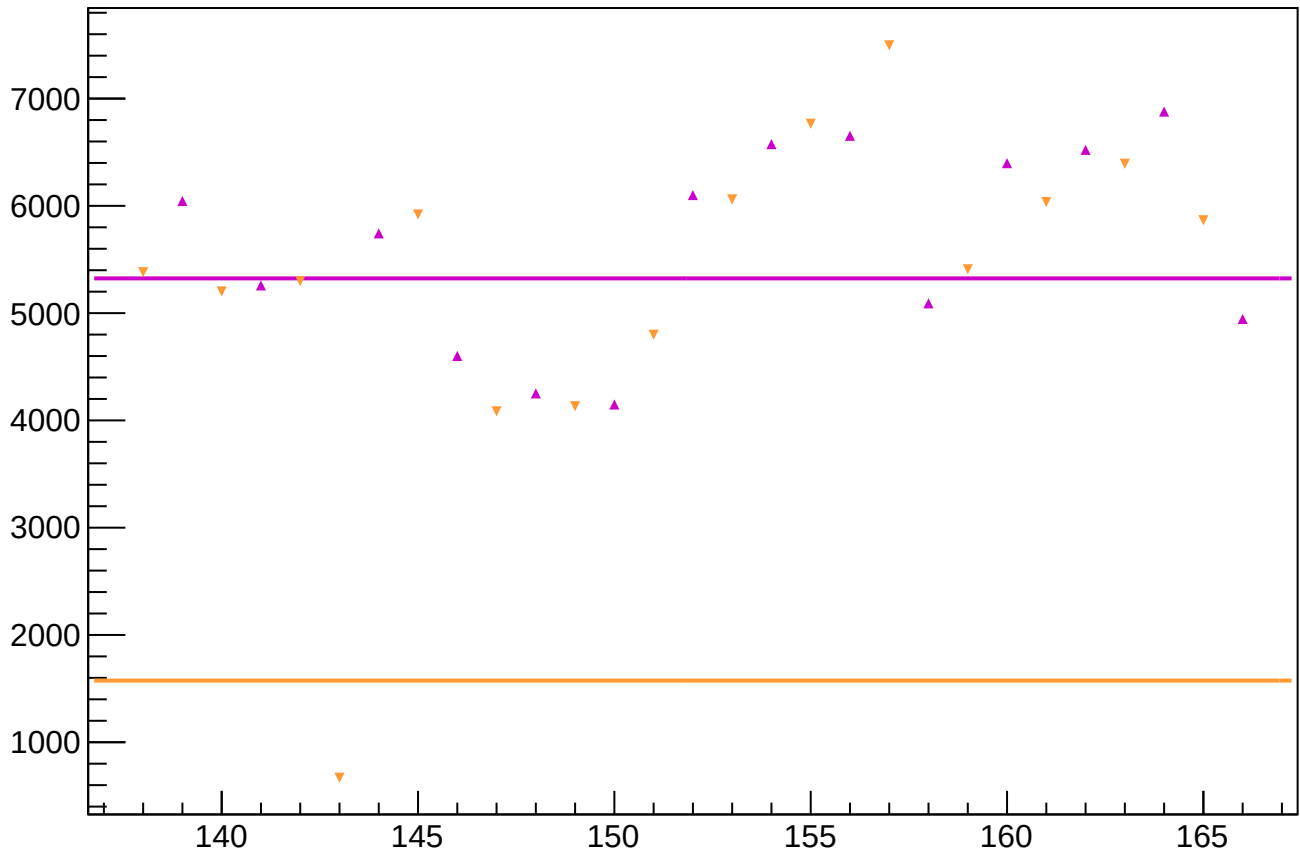
Left In: -1804.872+/-1634.857 χ^2/NDF : 8.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1750.247+/-673.255 χ^2/NDF : 29.1/28

- 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: 1574.864+/-0.522 χ^2/NDF :13023088.5/14

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

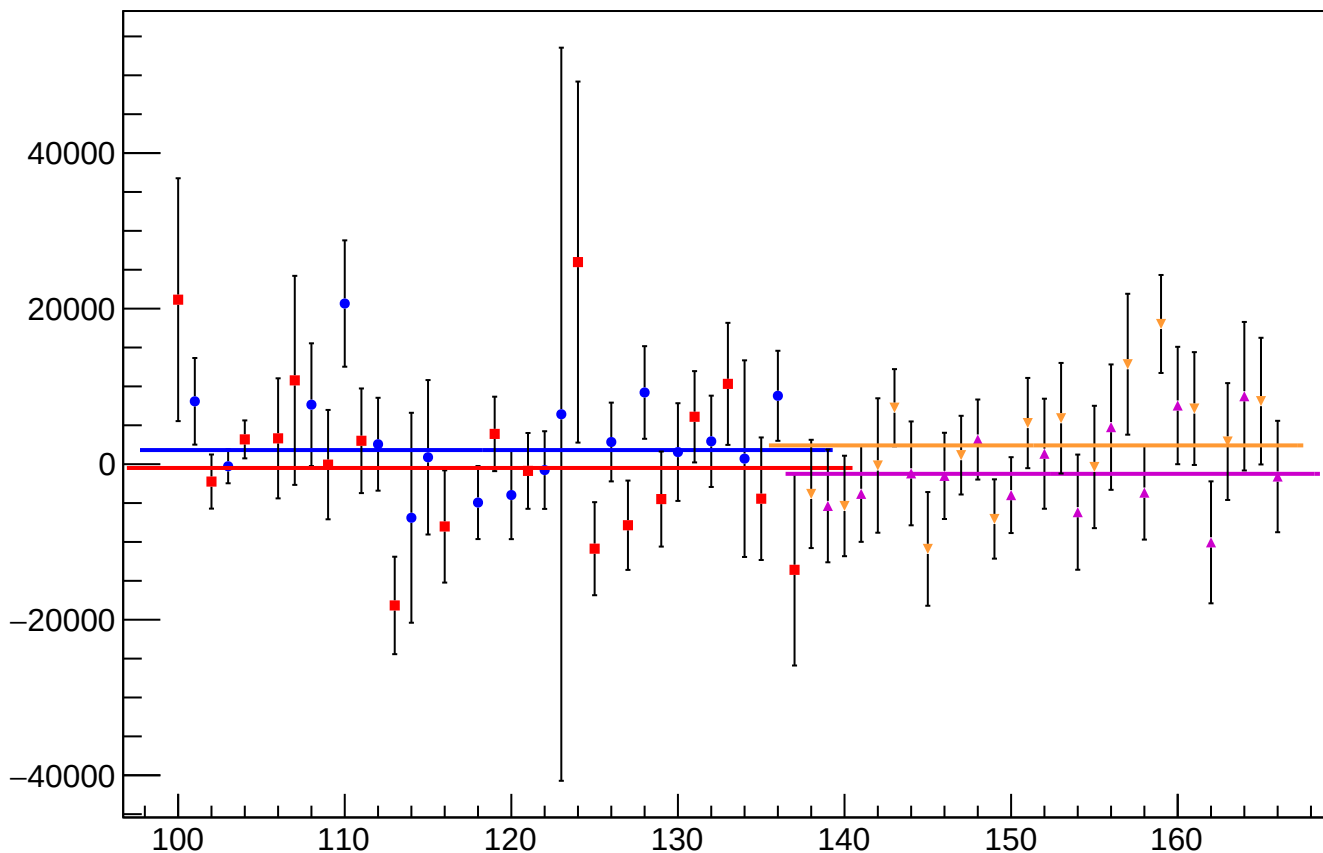
Left In: 5323.882+/-1.156 χ^2/NDF :628387.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2210.659+/-0.476 χ^2/NDF : 22385171.8/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: 2413.749+/-1691.036 χ^2/NDF : 19.1/14

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

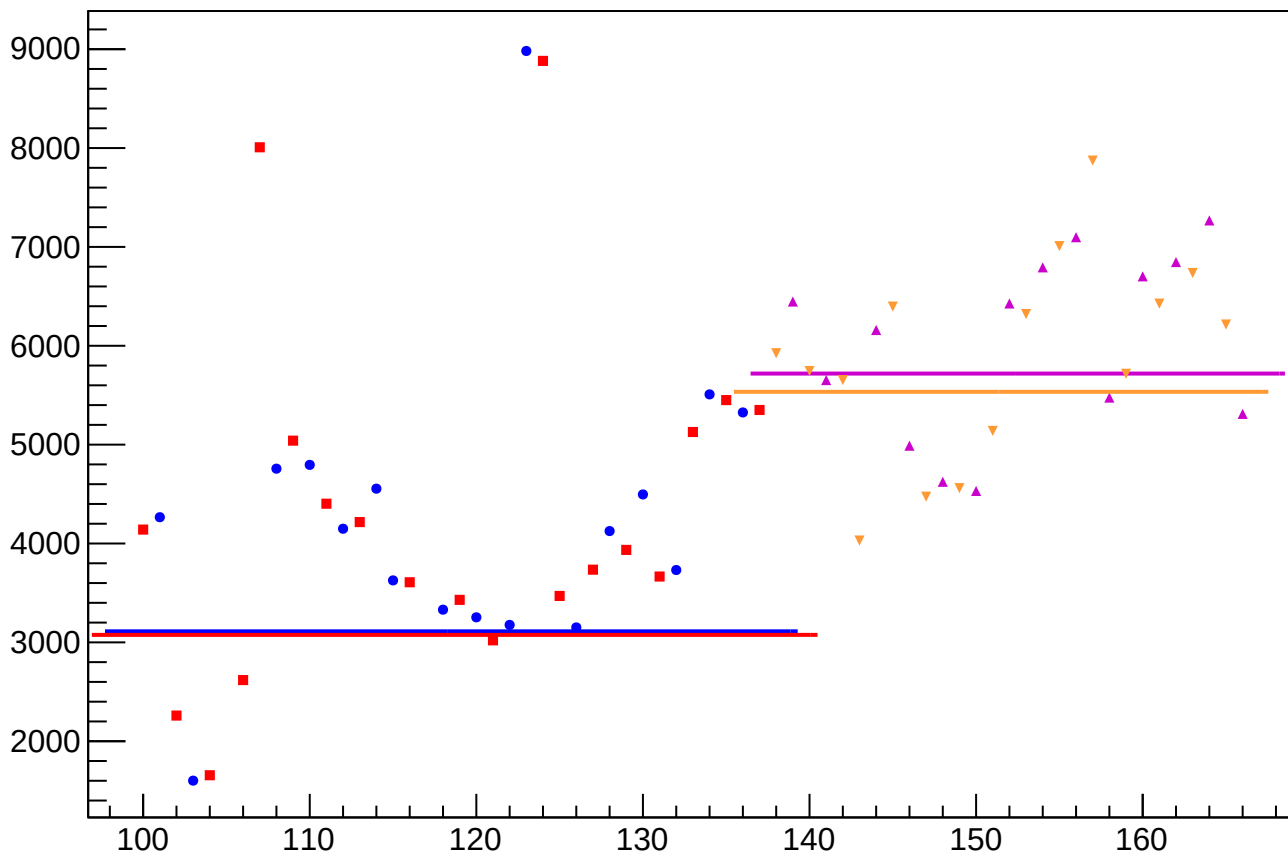
Left In: -1242.615+/-1753.272 χ^2/NDF : 6.6/13

+ sign 2037.234+/-1031.299 χ^2/NDF : 34.2/31

All: 650.194+/-731.246 χ^2/NDF : 71.0/64

- sign -752.222+/-1037.000 χ^2/NDF : 33.1/32

asym_atl_avg_rms vs Slug



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

Left Out: 5534.361+/-1.196 χ^2/NDF : 715875.3/14

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

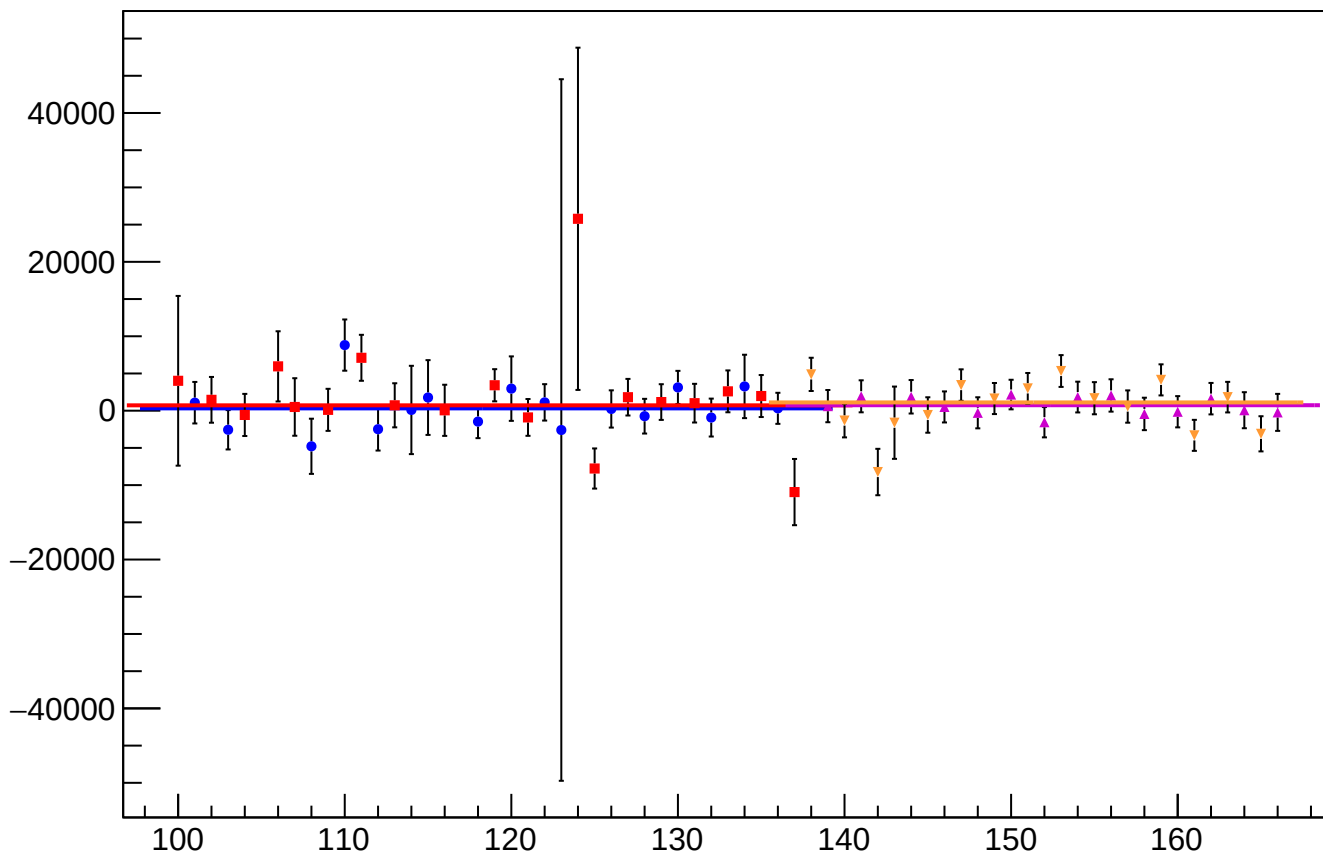
Left In: 5718.949+/-1.240 χ^2/NDF : 531166.6/13

+ sign 4012.672+/-0.729 χ^2/NDF : 5173373.3/31

All: 3997.779+/-0.515 χ^2/NDF : 10700234.0/6

- sign 3983.004+/-0.726 χ^2/NDF : 5526029.9/32

dit_asym_atl_dd_mean vs Slug



Right In: 310.890 $\pm$ 702.491 χ^2 /NDF: 13.9/16

Left Out: 1110.781 $\pm$ 584.586 χ^2 /NDF:29.9/14

Right Out: 720.015 $\pm$ 692.327 χ^2 /NDF: 26.8/18

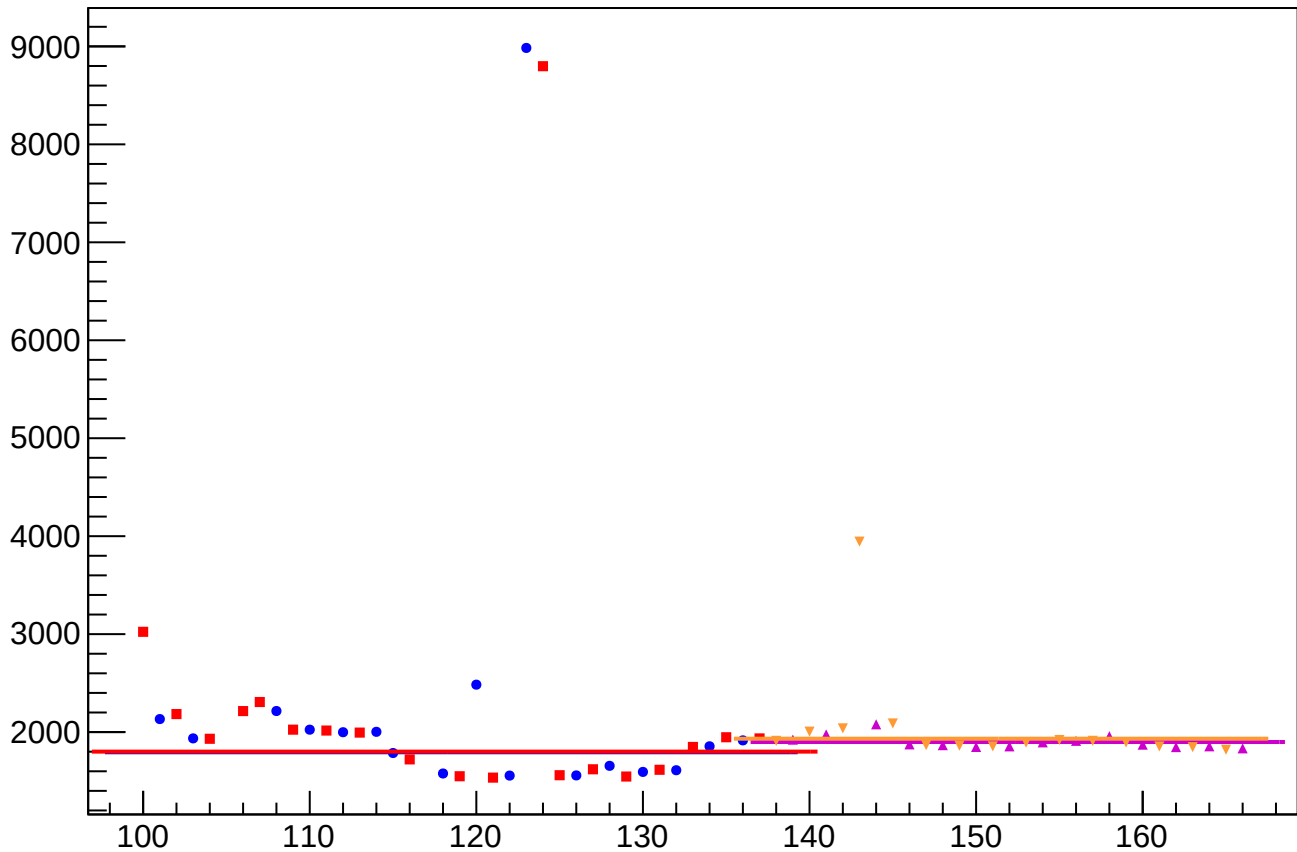
Left In: 734.749 $\pm$ 575.417 χ^2 /NDF:4.1/13

+ sign 783.500 $\pm$ 449.350 χ^2 /NDF: 44.6/31

All: 755.696 $\pm$ 315.298 χ^2 /NDF: 75.5/64

- sign 728.729 $\pm$ 442.526 χ^2 /NDF: 30.9/32

dit_asym_atl_dd_rms vs Slug



Right In: 1794.083+/-0.497 χ^2/NDF : 276685.7/16

Left Out: 1932.675+/-0.413 χ^2/NDF : 376013.1/14

Right Out: 1800.745+/-0.489 χ^2/NDF : 444850.1/18

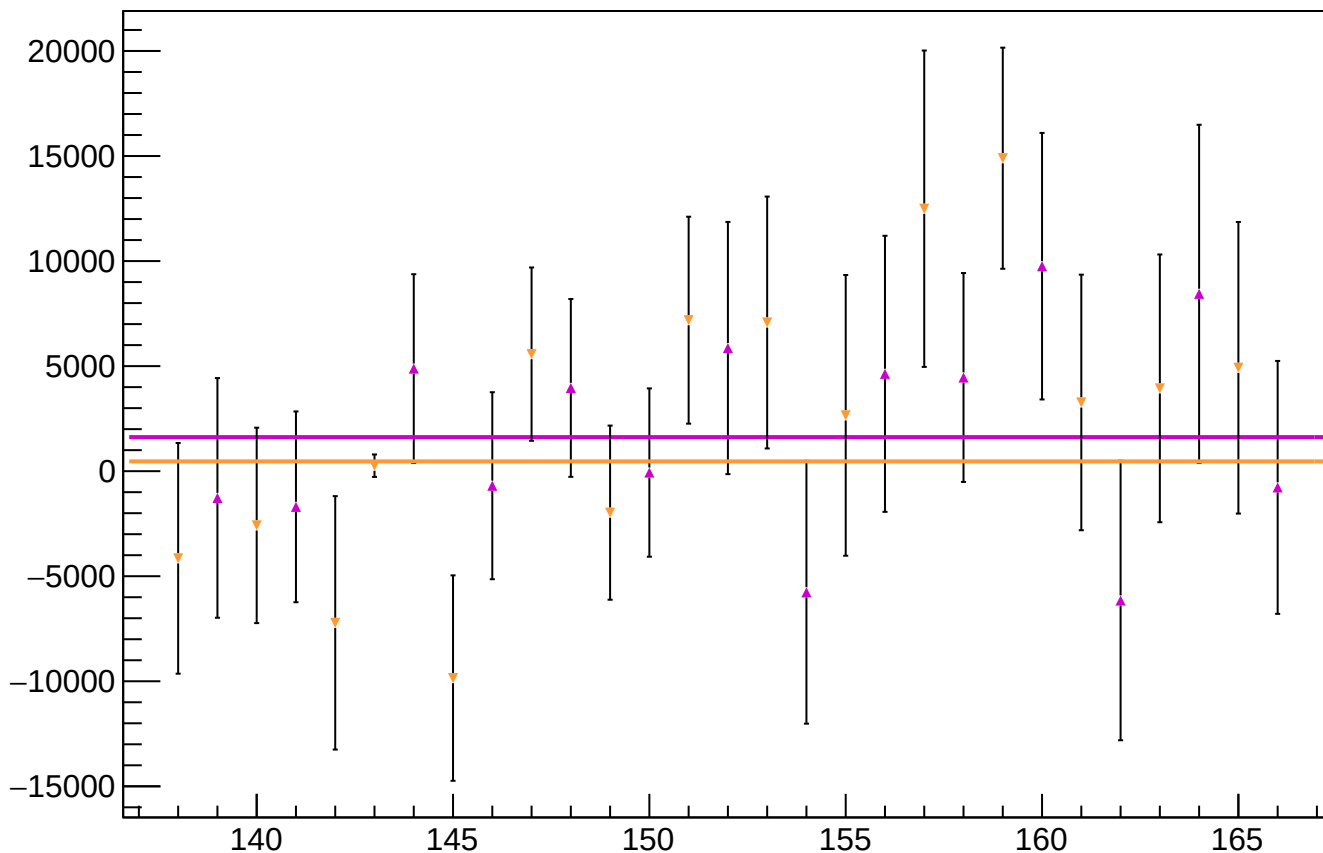
Left In: 1898.805+/-0.407 χ^2/NDF : 23816.7/13

+ sign 1875.969+/-0.318 χ^2/NDF : 698692.9/31

All: 1867.181+/-0.223 χ^2/NDF : 1192639.3/64

- sign 1858.668+/-0.313 χ^2/NDF : 492440.4/32

asym_atl_dd_correction_mean vs Slug



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

Left Out: 466.563 $\pm$ 500.552 χ^2 /NDF:23.4/14

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

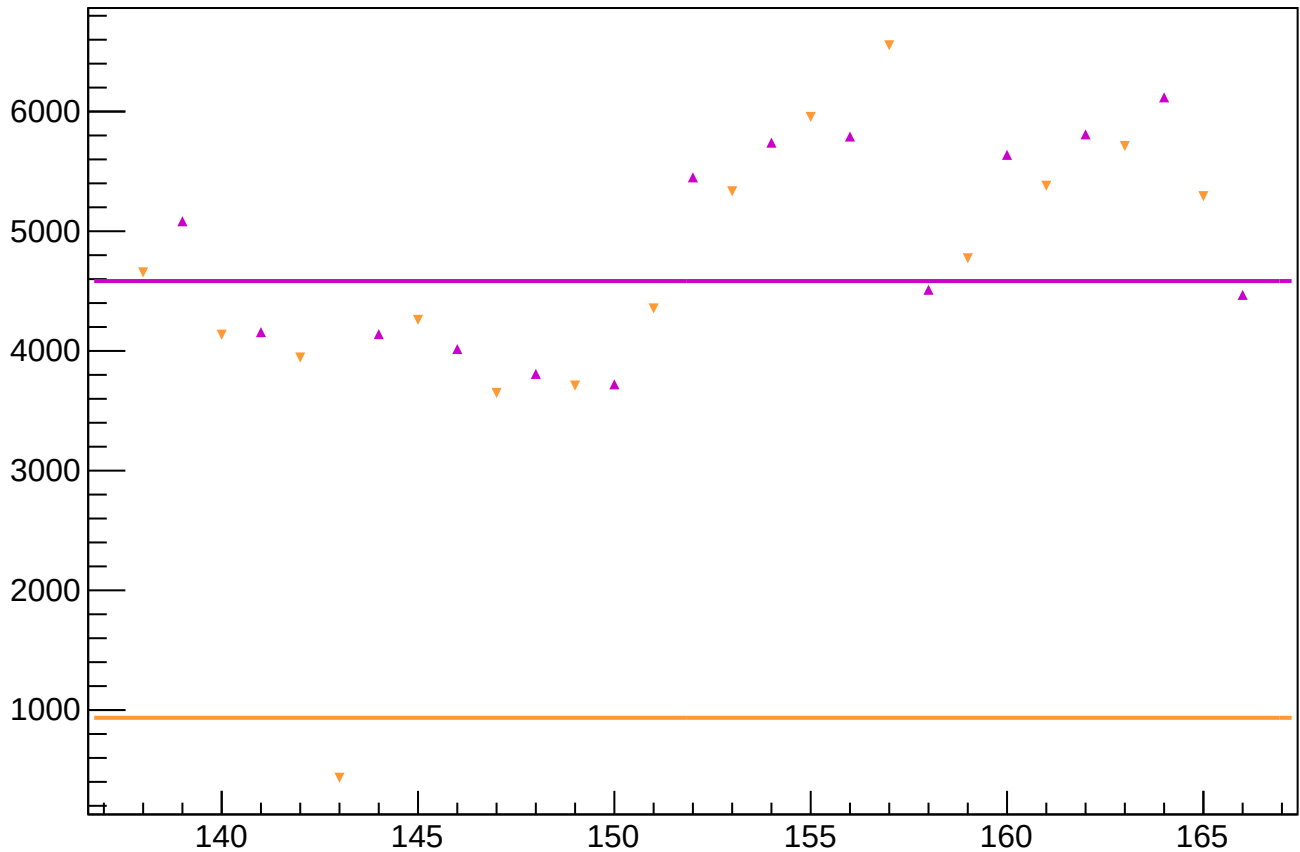
Left In: 1620.820 $\pm$ 1407.340 χ^2 /NDF:8.4/13

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

All: 596.182 $\pm$ 471.610 χ^2 /NDF: 32.4/28

- sign 0.000 $\pm$ 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: 935.038+/-0.354 χ^2/NDF :15139192.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

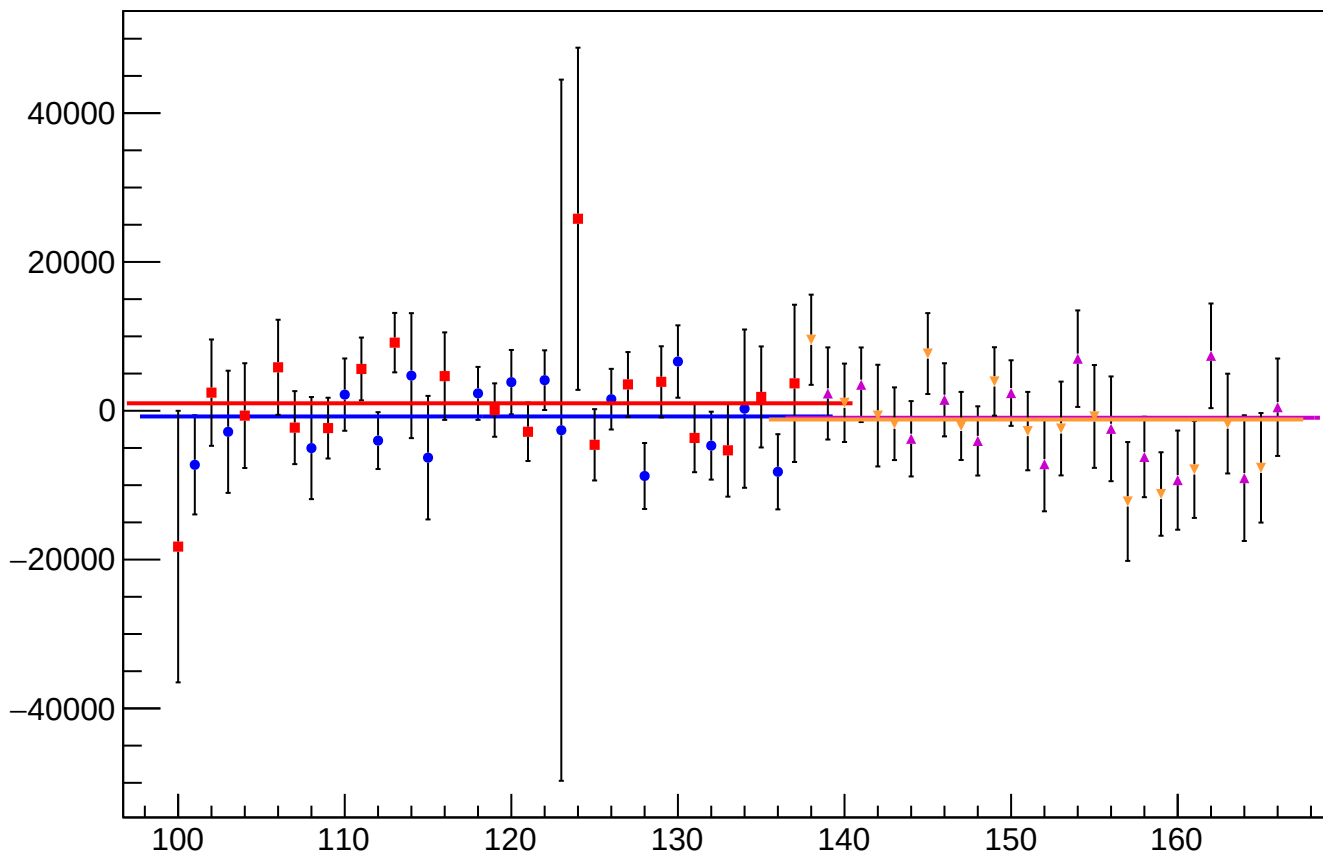
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.786+/-0.333 χ^2/NDF : 27693242.7/14

Left In: 4583.837+/-0.995 χ^2/NDF :619678.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



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

Left Out: -1171.160 ± 1491.713 χ^2/NDF : 14.3/14

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

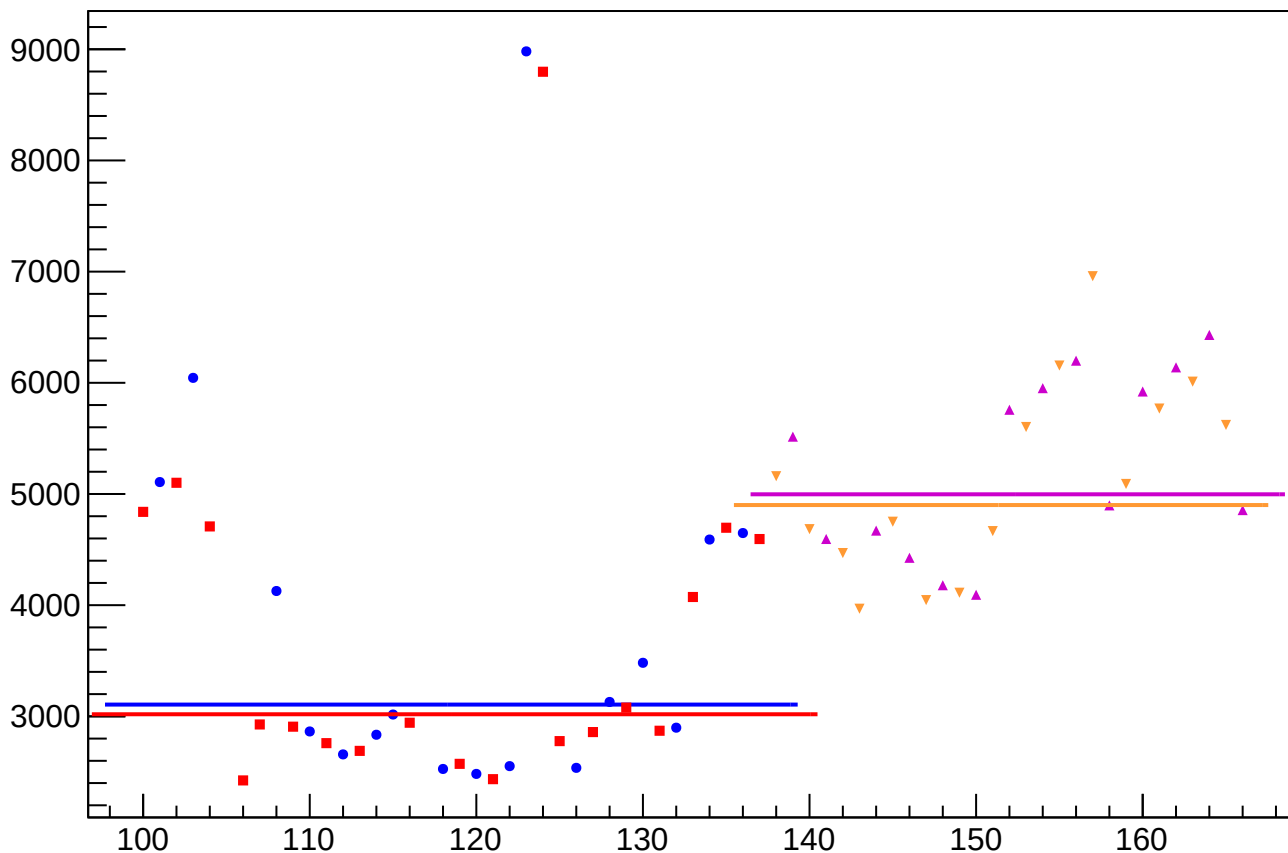
Left In: -938.207 ± 1529.959 χ^2/NDF : 10.0/13

+ sign -932.250 ± 957.057 χ^2/NDF : 29.9/31

All: -319.443 ± 670.582 χ^2/NDF : 56.8/64

- sign 271.550 ± 939.868 χ^2/NDF : 26.1/32

asym_atl_dd_rms vs Slug



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

Left Out: 4900.569+/-1.055 χ^2/NDF : 557487.0/14

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

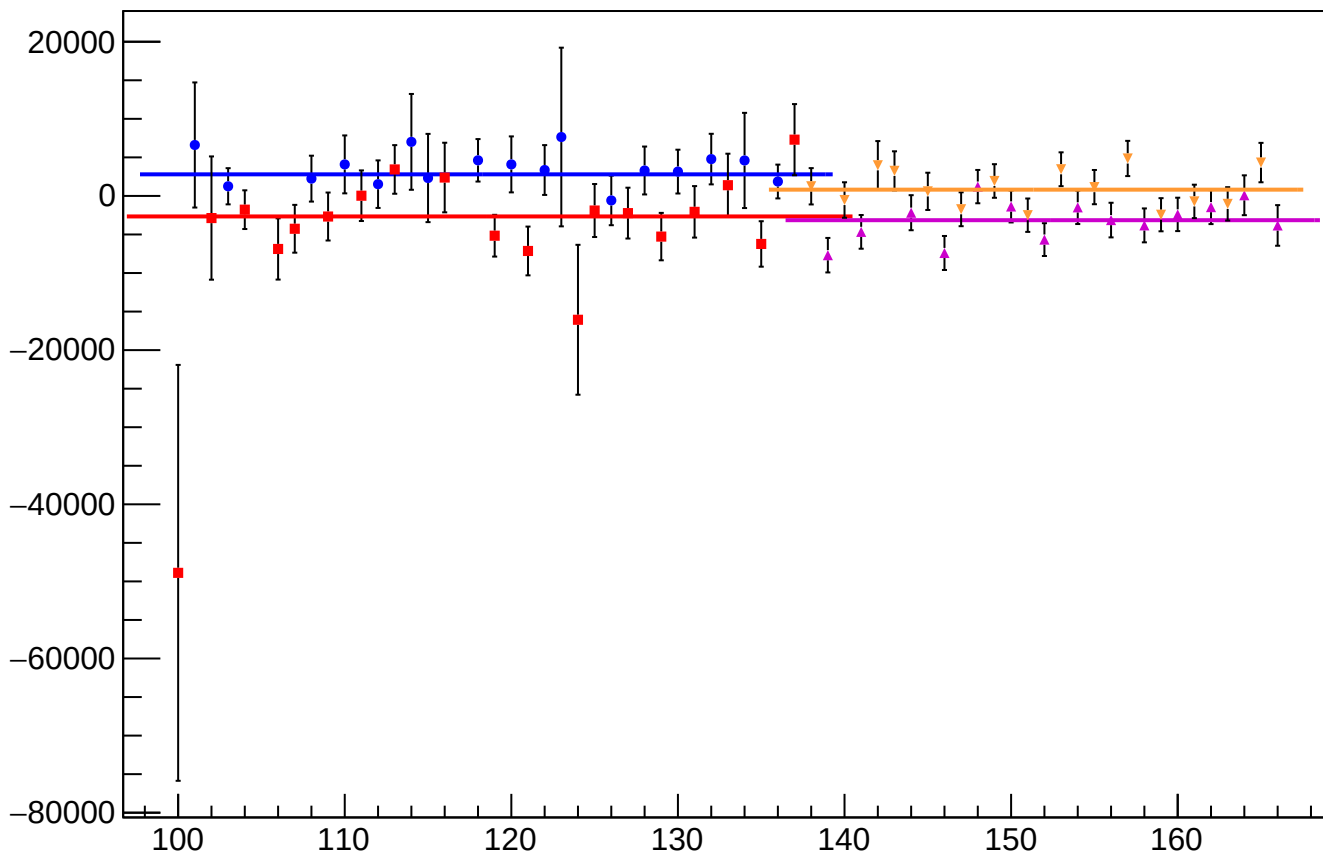
Left In: 4997.212+/-1.082 χ^2/NDF : 489068.4/13

+ sign 3844.601+/-0.677 χ^2/NDF : 3220672.3/31

All: 3798.011+/-0.472 χ^2/NDF : 6615164.4/64

- sign 3753.779+/-0.659 χ^2/NDF : 3385252.7/32

dit_asym_atr_avg_mean vs Slug



Right In: 2800.286 ± 815.307 χ^2/NDF : 4.0/16

Left Out: 813.812 ± 594.858 χ^2/NDF : 16.3/14

Right Out: -2660.424 ± 808.554 χ^2/NDF : 22.8/18

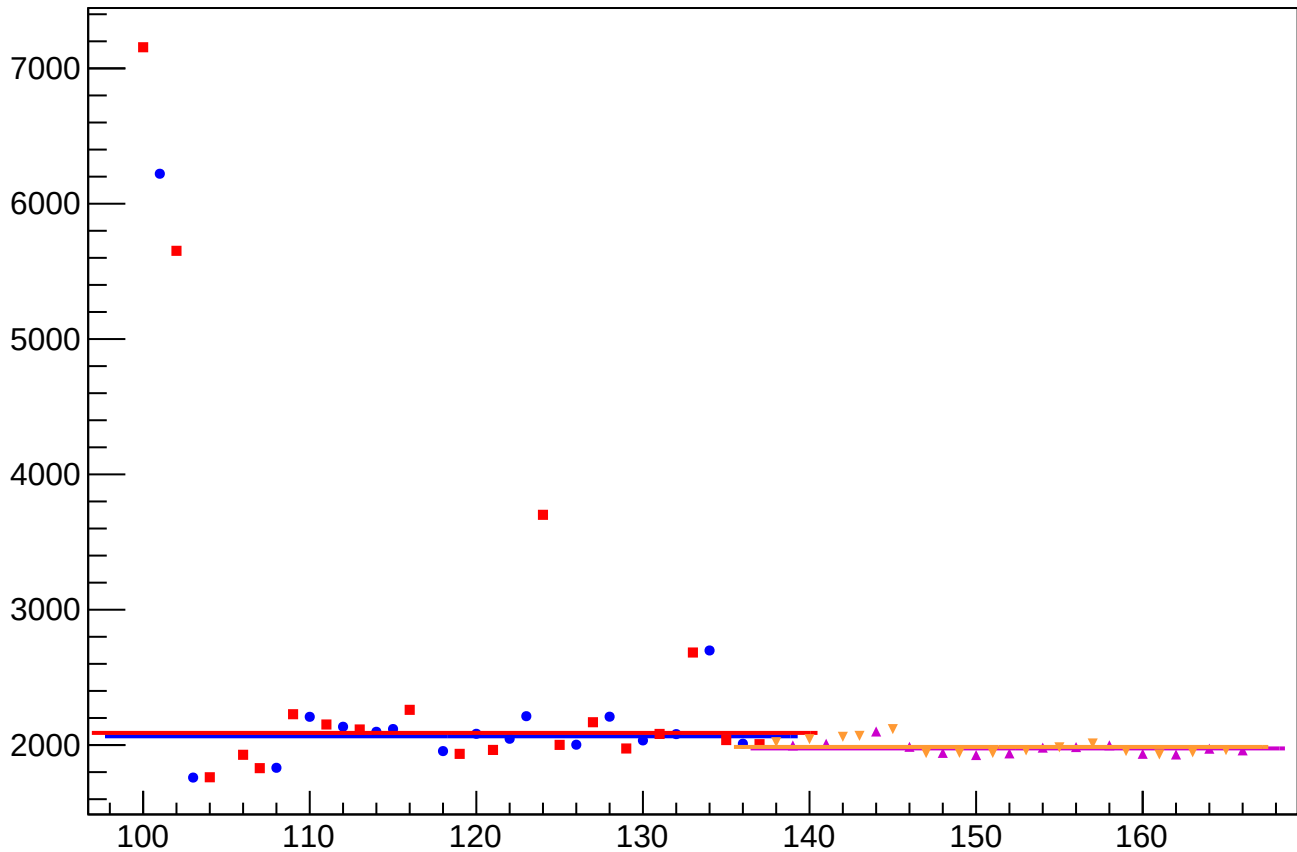
Left In: -3147.485 ± 596.868 χ^2/NDF : 17.7/13

+ sign 1503.914 ± 480.548 χ^2/NDF : 24.1/31

All: -737.499 ± 339.676 χ^2/NDF : 108.4/64

- sign -2975.689 ± 480.202 χ^2/NDF : 40.8/32

dit_asym_atr_avg_rms vs Slug



Right In: 2064.706 $\pm$ 0.577 χ^2 /NDF: 606406.5/16

Left Out: 1986.099 $\pm$ 0.421 χ^2 /NDF:16466.2/14

Right Out: 2089.787 $\pm$ 0.572 χ^2 /NDF: 640582.7/18

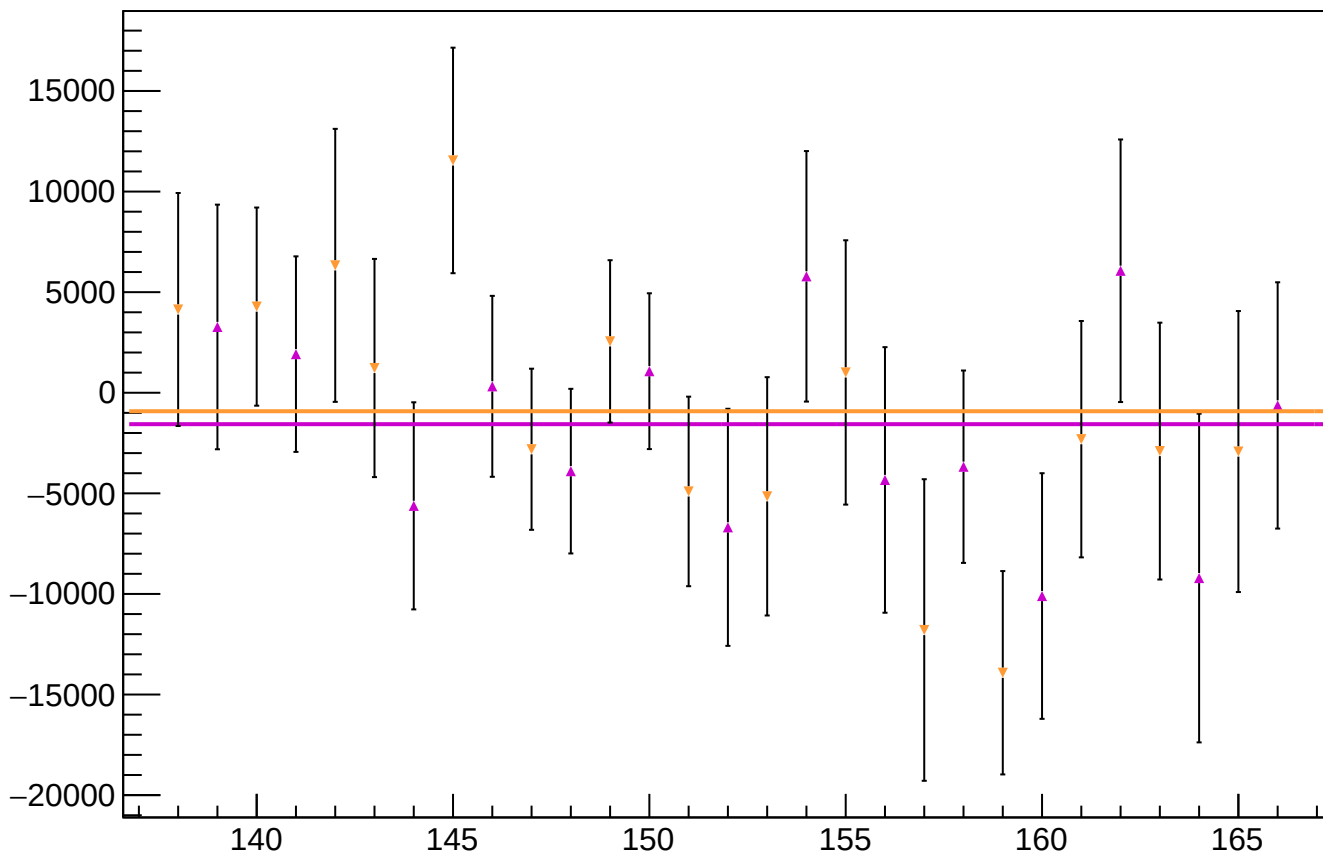
Left In: 1975.092 $\pm$ 0.422 χ^2 /NDF:10821.1/13

+ sign 2013.407 $\pm$ 0.340 χ^2 /NDF: 635005.4/31

All: 2014.487 $\pm$ 0.240 χ^2 /NDF: 1312490.8/64

- sign 2015.566 $\pm$ 0.340 χ^2 /NDF: 677465.1/32

asym_atr_avg_correction_mean vs Slug



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

Left Out: -918.212+/-1400.129 χ^2/NDF :19.4/14

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

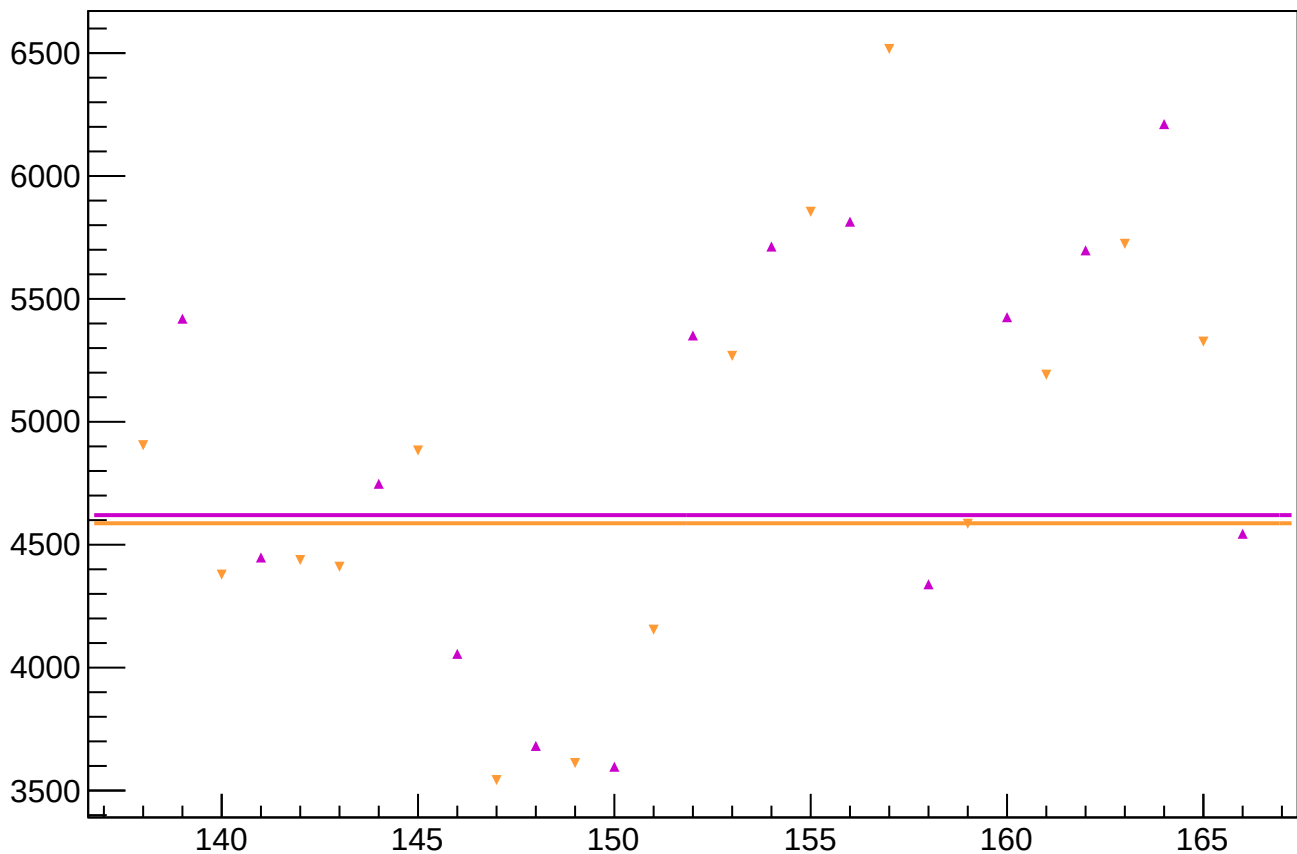
Left In: -1561.750+/-1419.475 χ^2/NDF :9.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1235.565+/-996.810 χ^2/NDF : 28.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_correction_rms vs Slug



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

Left Out: 4587.289+/-0.990 χ^2/NDF : 628624.5/14

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

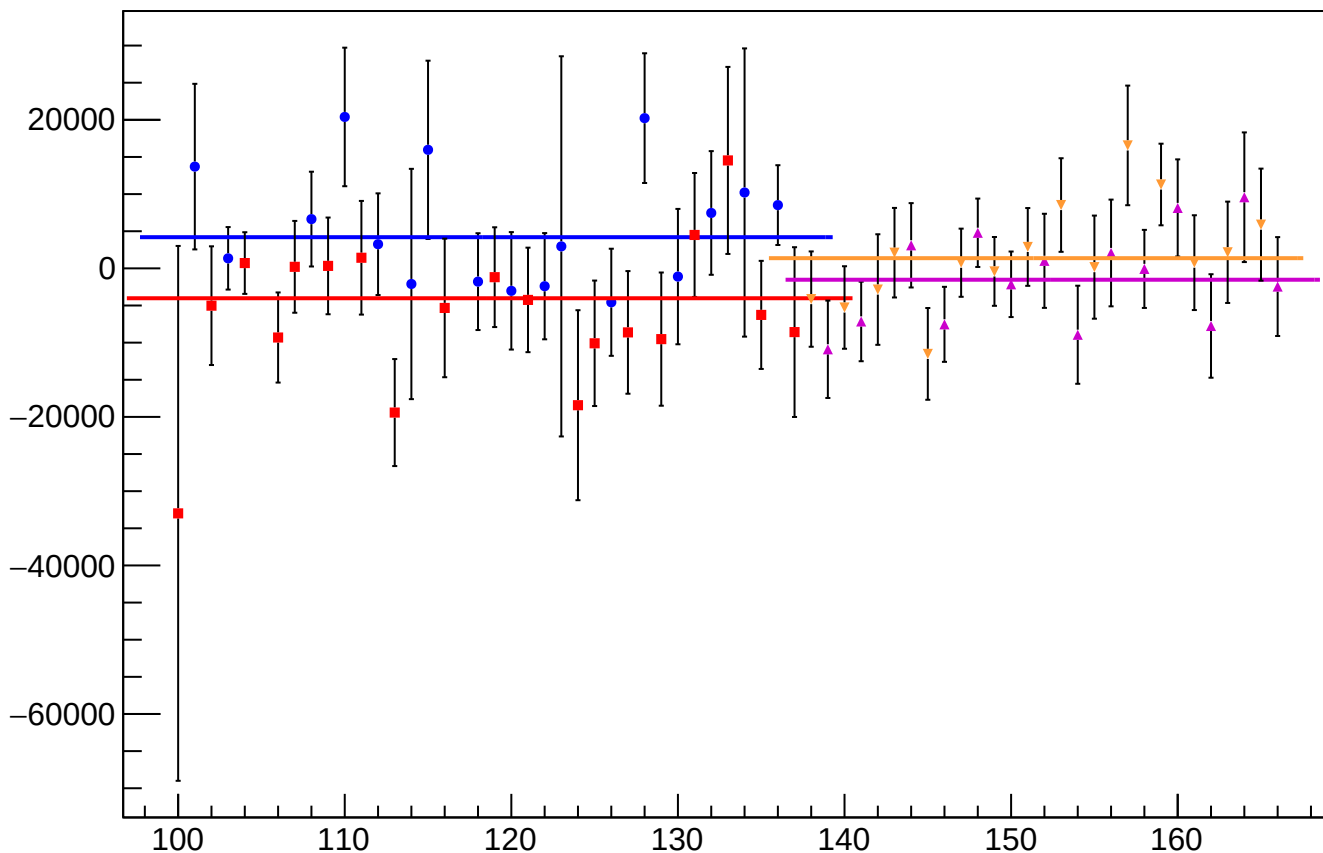
Left In: 4620.401+/-1.004 χ^2/NDF : 644995.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4603.618+/-0.705 χ^2/NDF : 1274171.7/28

- 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: 1372.510+/-1548.472 χ^2/NDF : 15.6/14

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

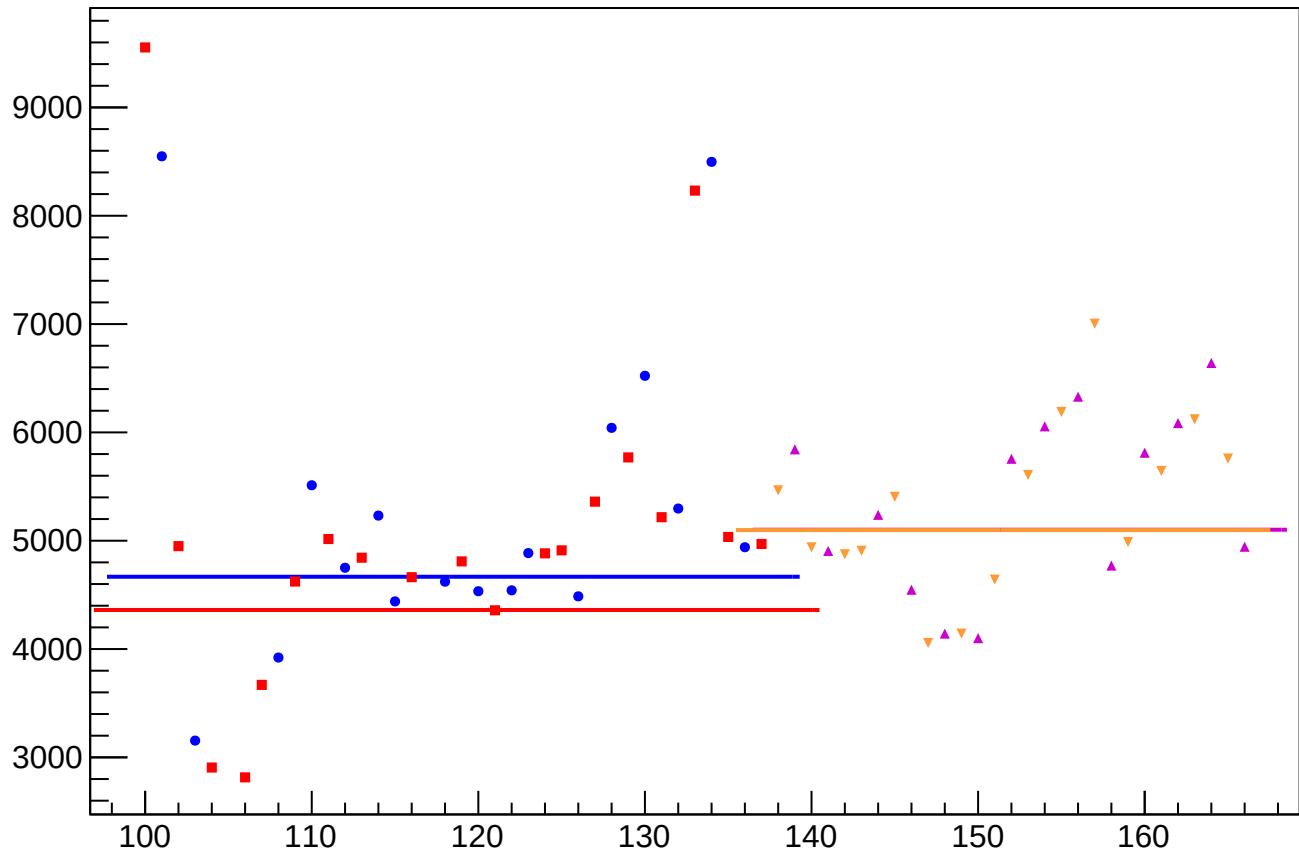
Left In: -1530.341+/-1561.862 χ^2/NDF : 13.5/13

+ sign 2531.081+/-1189.474 χ^2/NDF : 31.1/31

All: -131.008+/-829.678 χ^2/NDF : 70.3/64

- sign -2653.429+/-1157.850 χ^2/NDF : 29.5/32

asym_atr_avg_rms vs Slug



Right In: 4667.470 ± 1.314 $\chi^2/\text{NDF}: 777857.9/16$

Left Out: 5098.147 ± 1.095 $\chi^2/\text{NDF}: 470424.0/14$

Right Out: 4360.582 ± 1.213 $\chi^2/\text{NDF}: 832745.2/18$

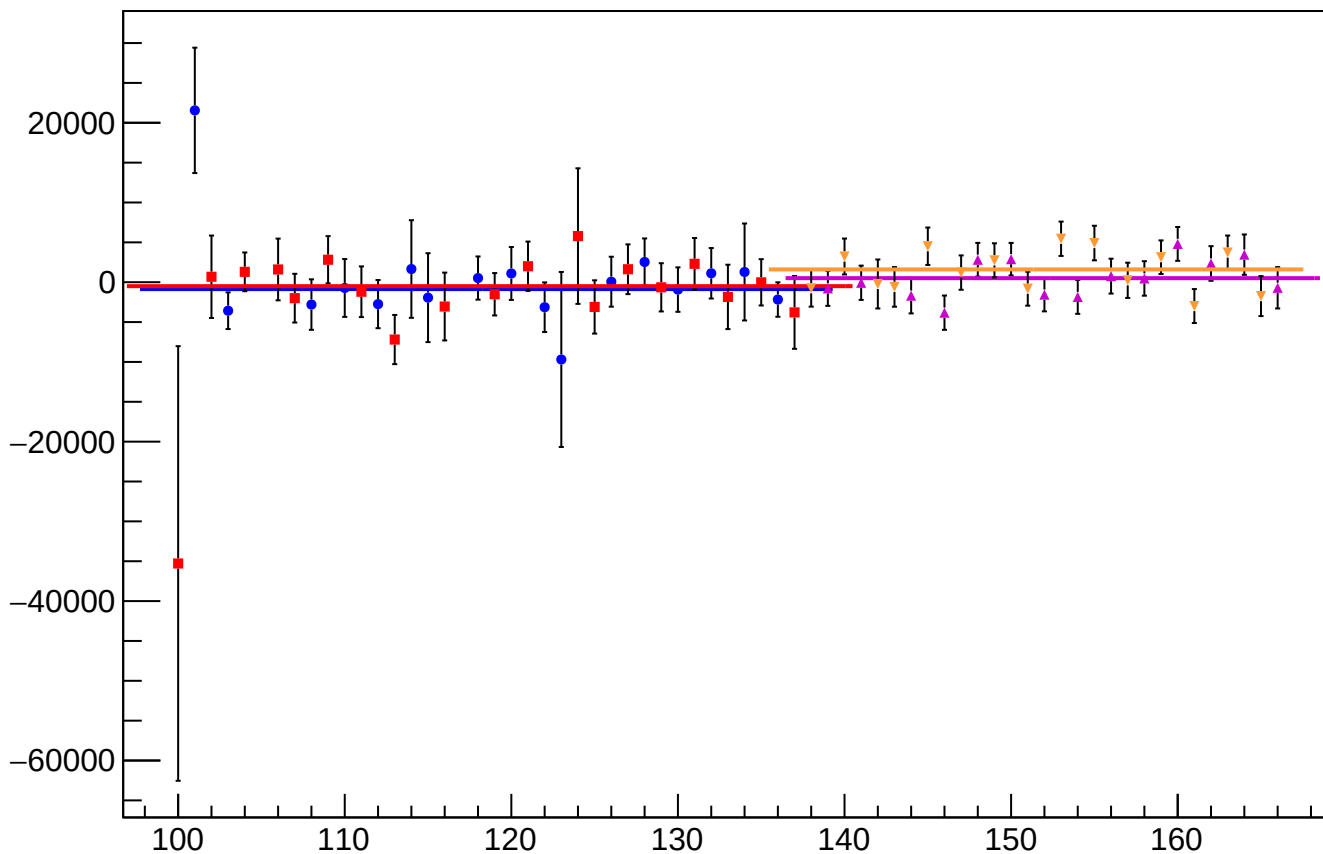
Left In: 5101.484 ± 1.104 $\chi^2/\text{NDF}: 499503.2/13$

+ sign 4921.600 ± 0.841 $\chi^2/\text{NDF}: 1311703.6/31$

All: 4841.310 ± 0.586 $\chi^2/\text{NDF}: 2865665.4/64$

- sign 4765.631 ± 0.817 $\chi^2/\text{NDF}: 1536260.1/32$

dit_asym_atr_dd_mean vs Slug



Right In: -860.655 ± 797.010 χ^2/NDF : 14.6/16

Left Out: 1606.140 ± 582.641 χ^2/NDF : 19.7/14

Right Out: -495.139 ± 780.927 χ^2/NDF : 13.0/18

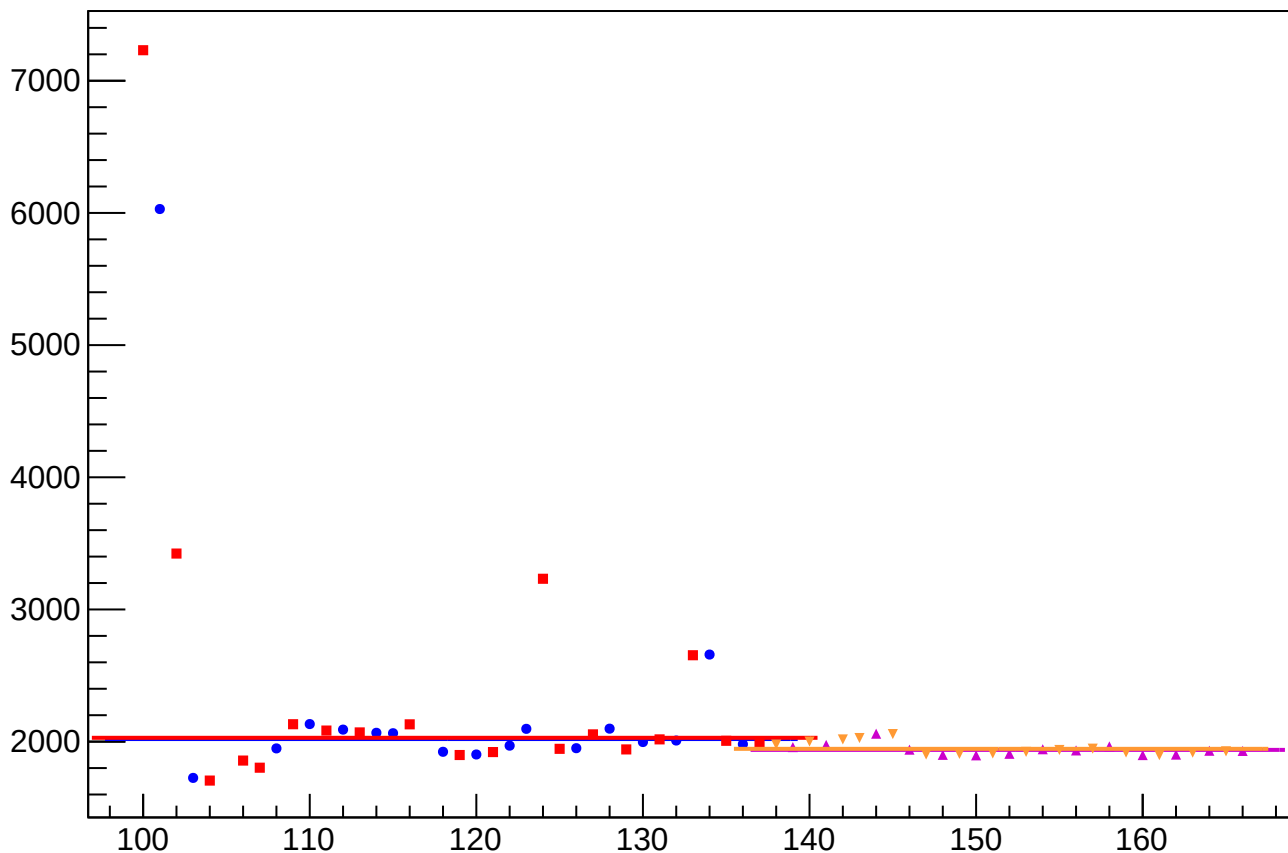
Left In: 508.854 ± 585.503 χ^2/NDF : 16.6/13

+ sign 746.996 ± 470.360 χ^2/NDF : 40.5/31

All: 446.068 ± 331.920 χ^2/NDF : 71.9/64

- sign 147.568 ± 468.458 χ^2/NDF : 30.6/32

dit_asym_atr_dd_rms vs Slug



Right In: 2019.624+/-0.564 χ^2/NDF : 587843.0/16

Left Out: 1945.519+/-0.412 χ^2/NDF : 13456.5/14

Right Out: 2028.987+/-0.551 χ^2/NDF : 371968.1/18

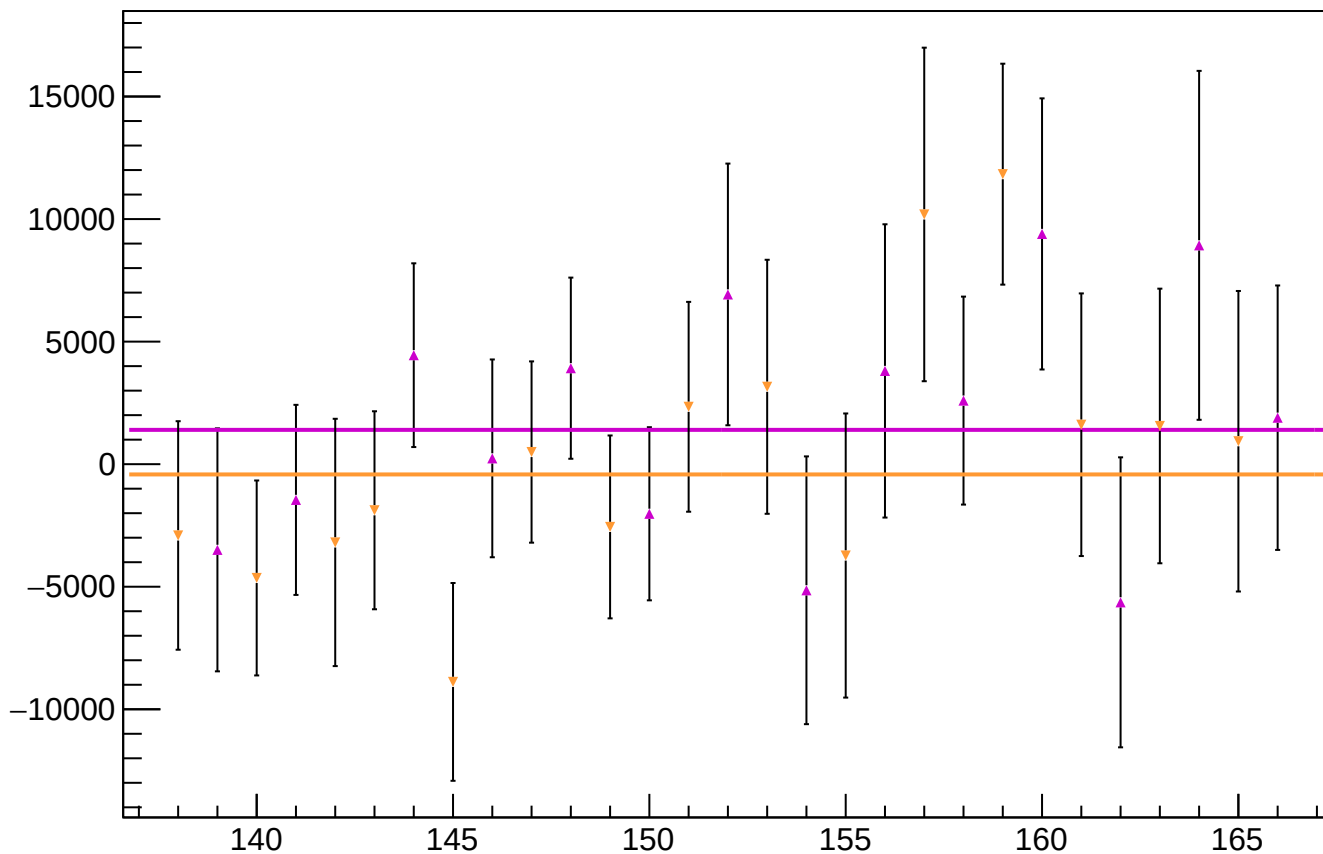
Left In: 1937.585+/-0.414 χ^2/NDF : 10255.4/13

+ sign 1971.329+/-0.333 χ^2/NDF : 612567.8/31

All: 1970.928+/-0.235 χ^2/NDF : 1012361.9/64

- sign 1970.530+/-0.331 χ^2/NDF : 399791.3/32

asym_atr_dd_correction_mean vs Slug



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

Left Out: -418.581+/-1193.600 χ^2/NDF : 18.0/14

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

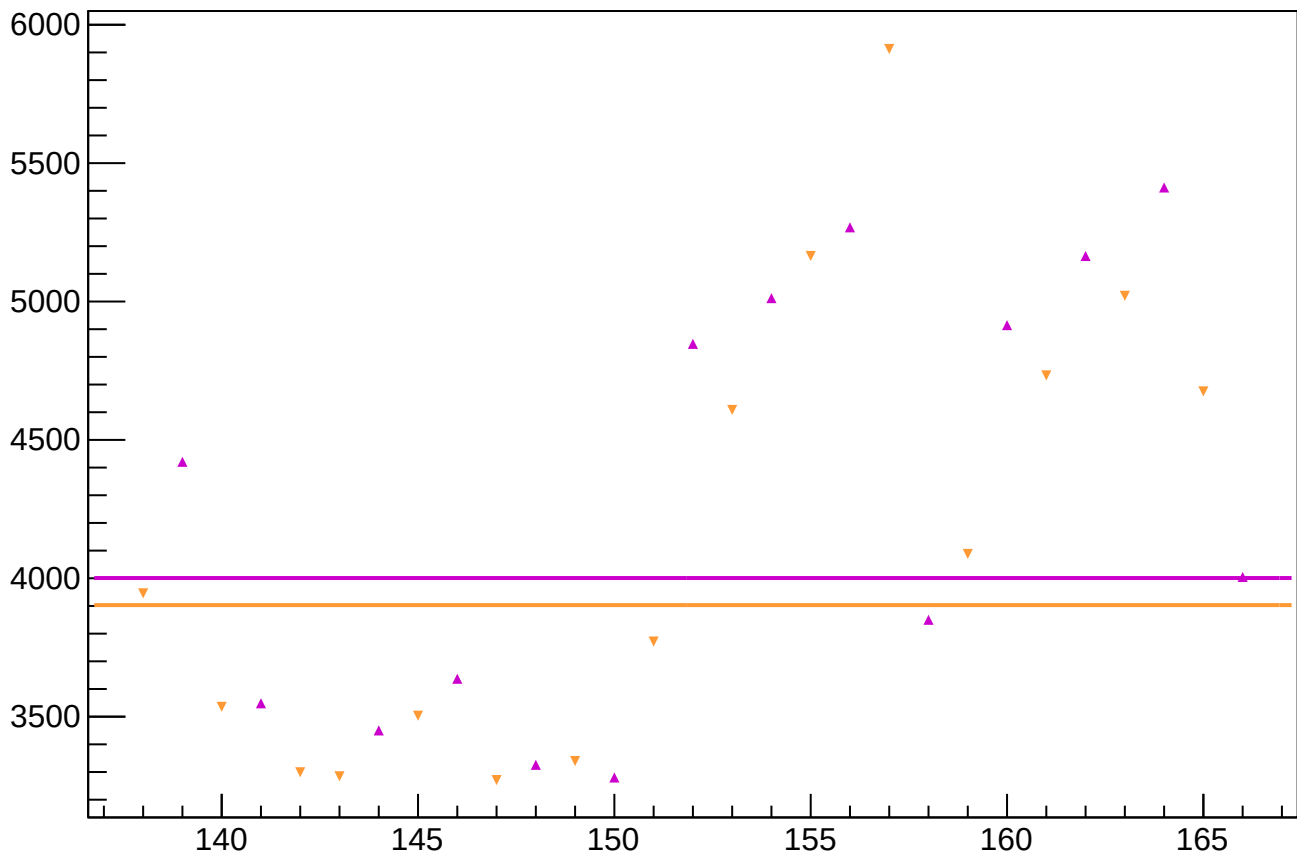
Left In: 1399.866+/-1230.304 χ^2/NDF : 11.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.113+/-856.684 χ^2/NDF : 30.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_correction_rms vs Slug



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

Left Out: 3903.114+/-0.844 χ^2/NDF : 687254.3/14

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

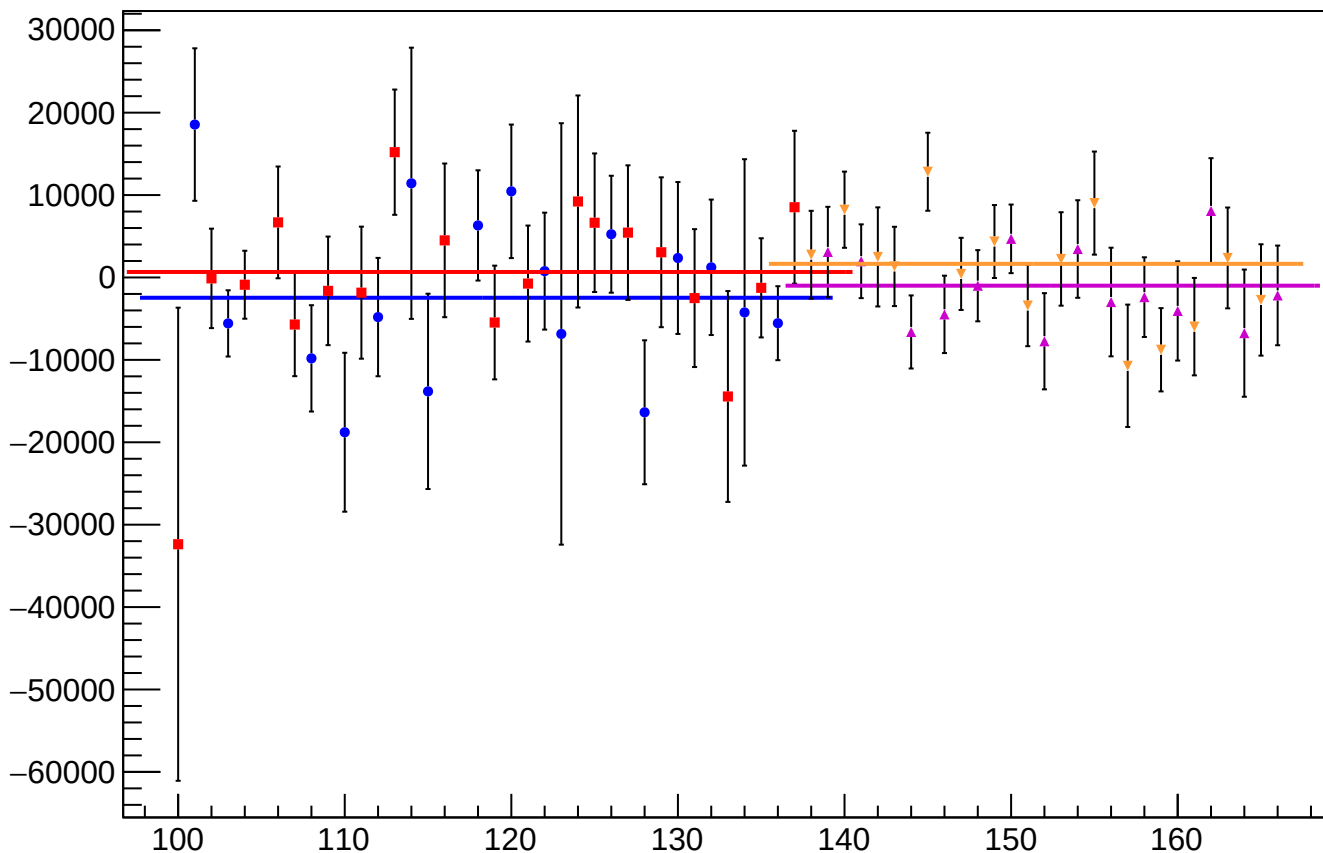
Left In: 4000.915+/-0.870 χ^2/NDF : 672612.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3950.534+/-0.606 χ^2/NDF : 1366377.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 1654.472 $\pm$ 1369.810 χ^2 /NDF:19.7/14

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

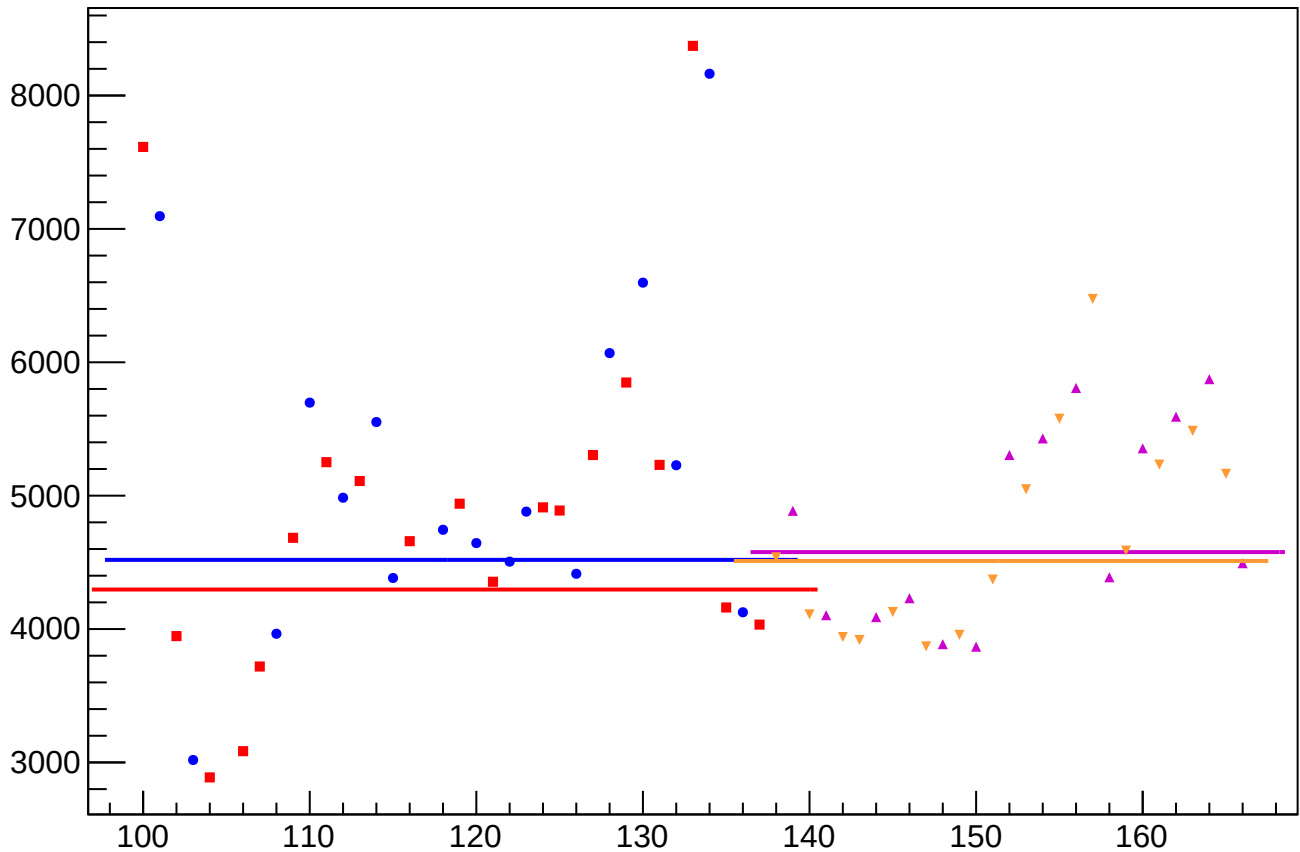
Left In: -996.238 $\pm$ 1399.557 χ^2 /NDF:10.0/13

+ sign 141.826 $\pm$ 1089.460 χ^2 /NDF: 43.8/31

All: -91.484 $\pm$ 766.234 χ^2 /NDF: 66.4/64

- sign -319.855 $\pm$ 1077.869 χ^2 /NDF: 22.4/32

asym_atr_dd_rms vs Slug



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

Left Out: 4510.520+/-0.969 χ^2 /NDF: 468072.7/14

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

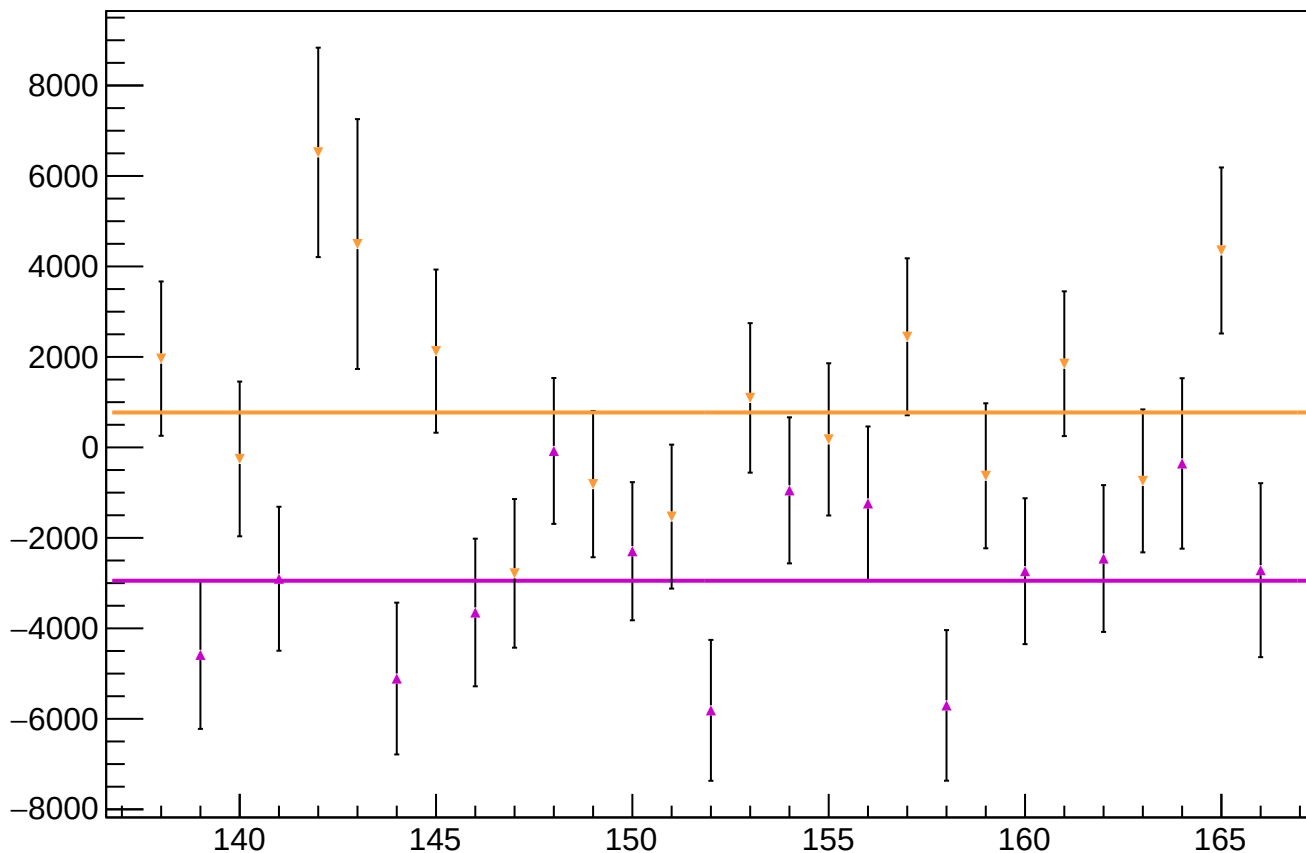
Left In: 4577.049+/-0.990 χ^2 /NDF: 458635.3/13

+ sign 4513.520+/-0.770 χ^2 /NDF: 1238325.7/31

All: 4487.476+/-0.541 χ^2 /NDF: 2503862.5/64

- sign 4462.099+/-0.760 χ^2 /NDF: 1263280.2/32

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 772.079+/-447.727 χ^2/NDF : 24.2/14

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

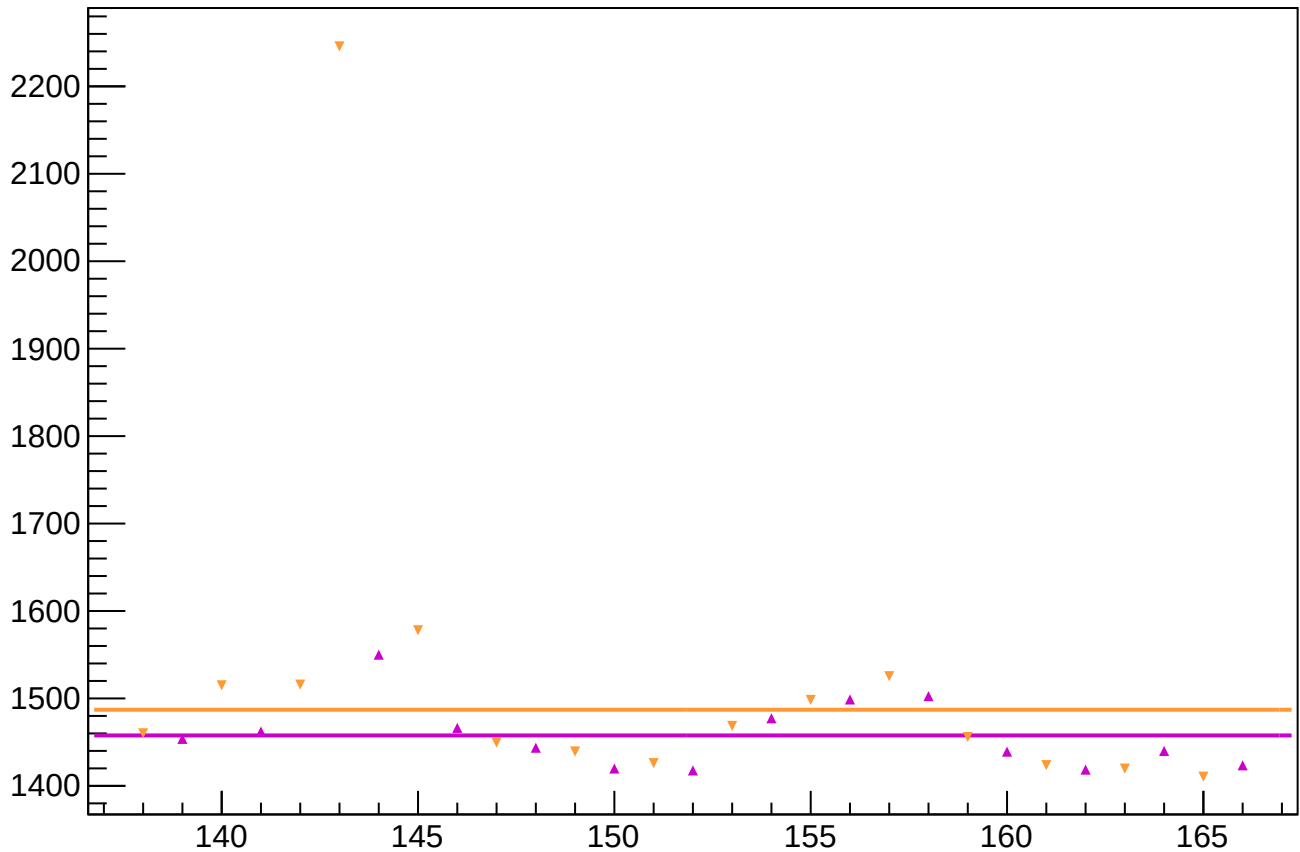
Left In: -2947.306+/-441.394 χ^2/NDF : 16.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1114.103+/-314.328 χ^2/NDF : 76.1/28

- 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: 1487.090+/-0.317 χ^2/NDF :175413.1/14

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

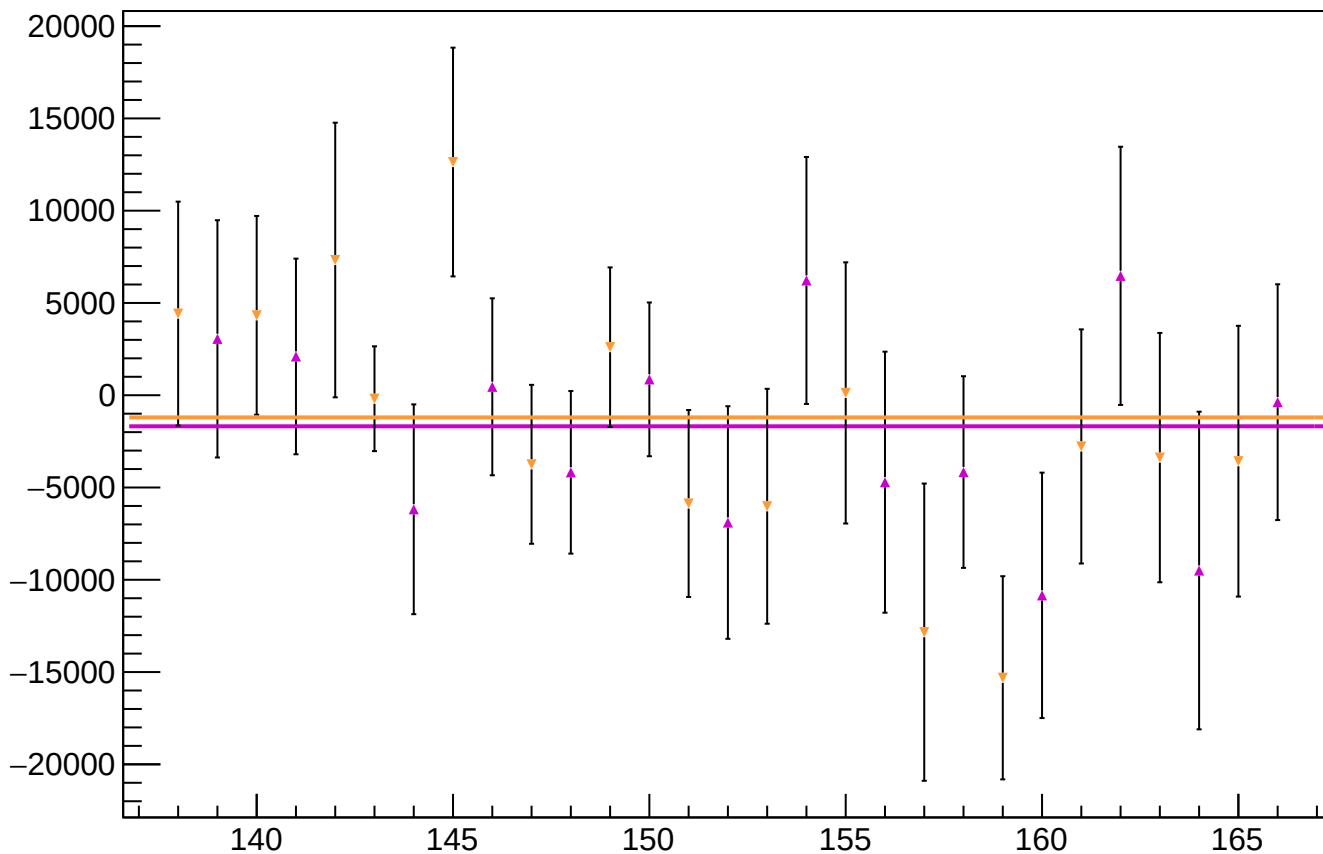
Left In: 1457.693+/-0.312 χ^2/NDF :14008.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1472.182+/-0.222 χ^2/NDF : 193794.2/28

- 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: -1201.447+/-1367.627 χ^2/NDF :19.8/14

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

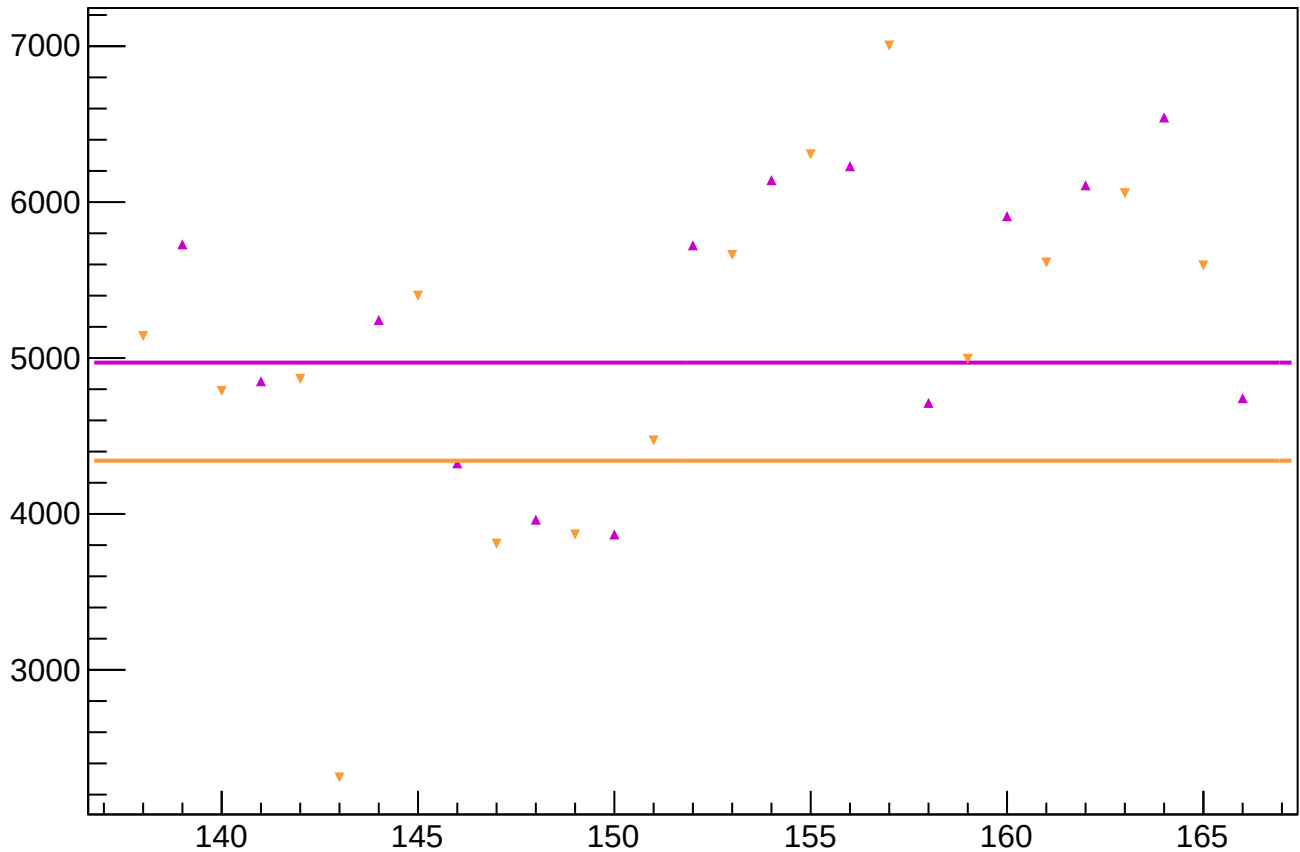
Left In: -1683.593+/-1526.628 χ^2/NDF :9.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1416.112+/-1018.649 χ^2/NDF : 29.1/28

- 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: 4341.593+/-0.967 χ^2/NDF :1950743.6/14

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

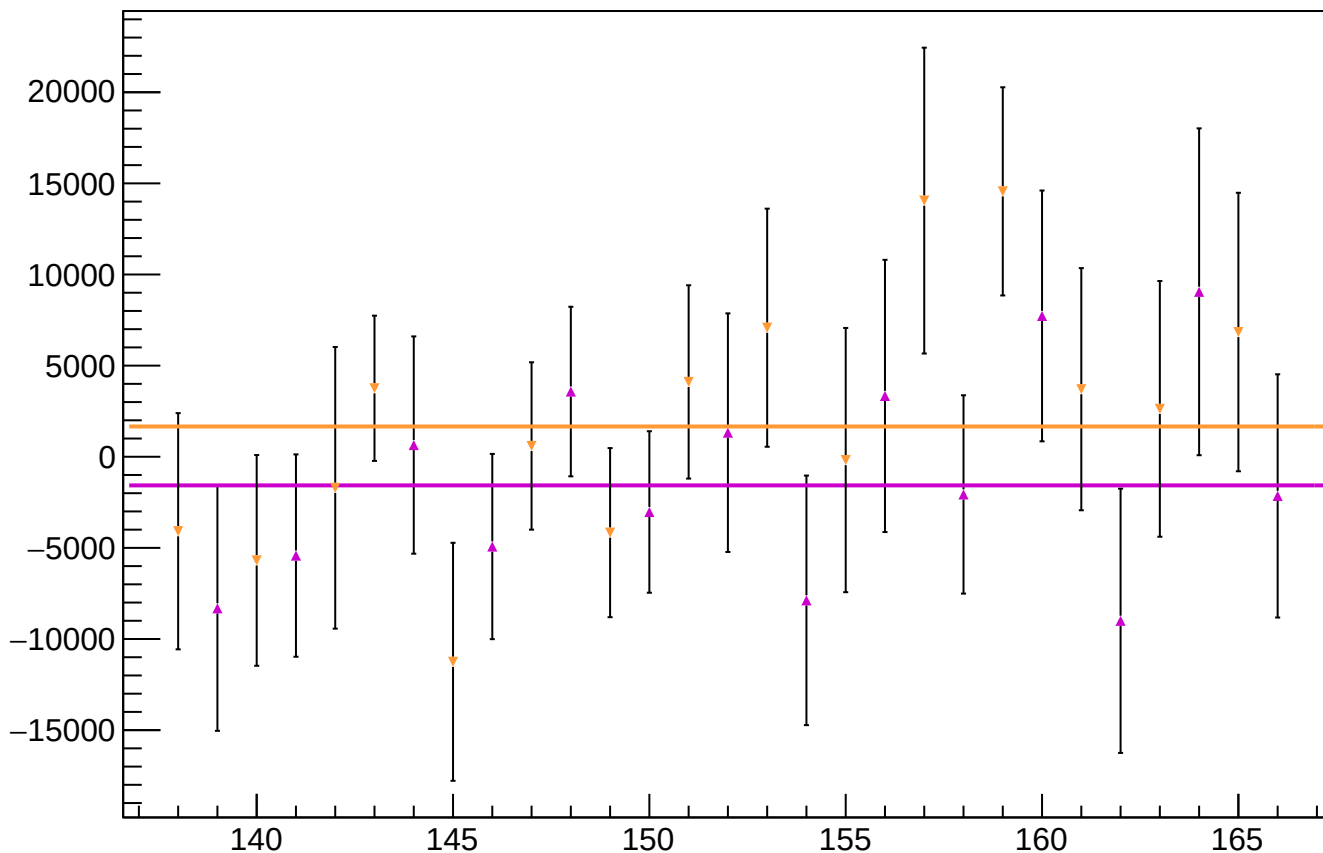
Left In: 4970.571+/-1.079 χ^2/NDF :634509.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4621.632+/-0.720 χ^2/NDF : 2773595.7/28

- 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: 1660.712+/-1518.322 χ^2/NDF : 17.2/14

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

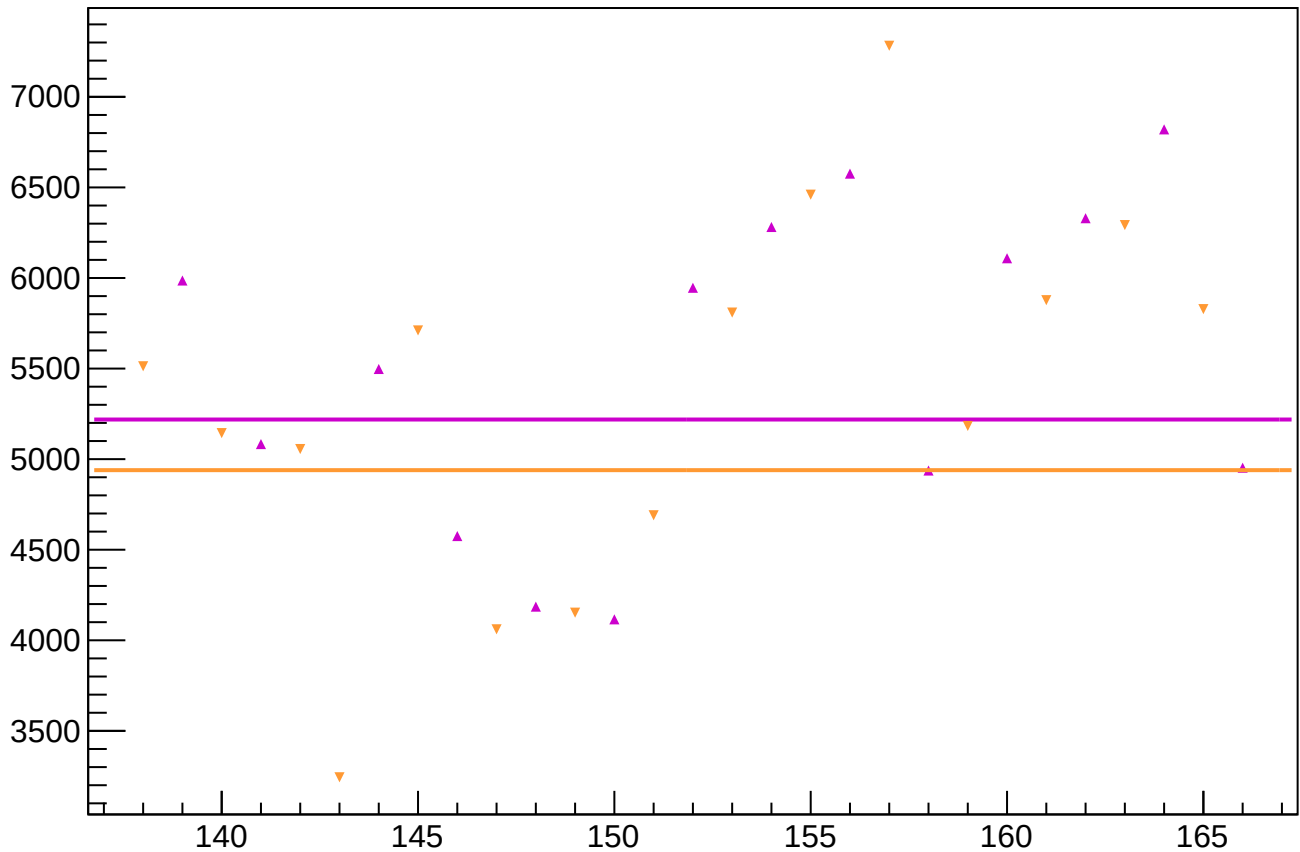
Left In: -1570.793+/-1601.290 χ^2/NDF : 9.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.843+/-1101.780 χ^2/NDF : 28.5/28

- 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: 4939.231+/-1.074 χ^2/NDF : 968183.2/14

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

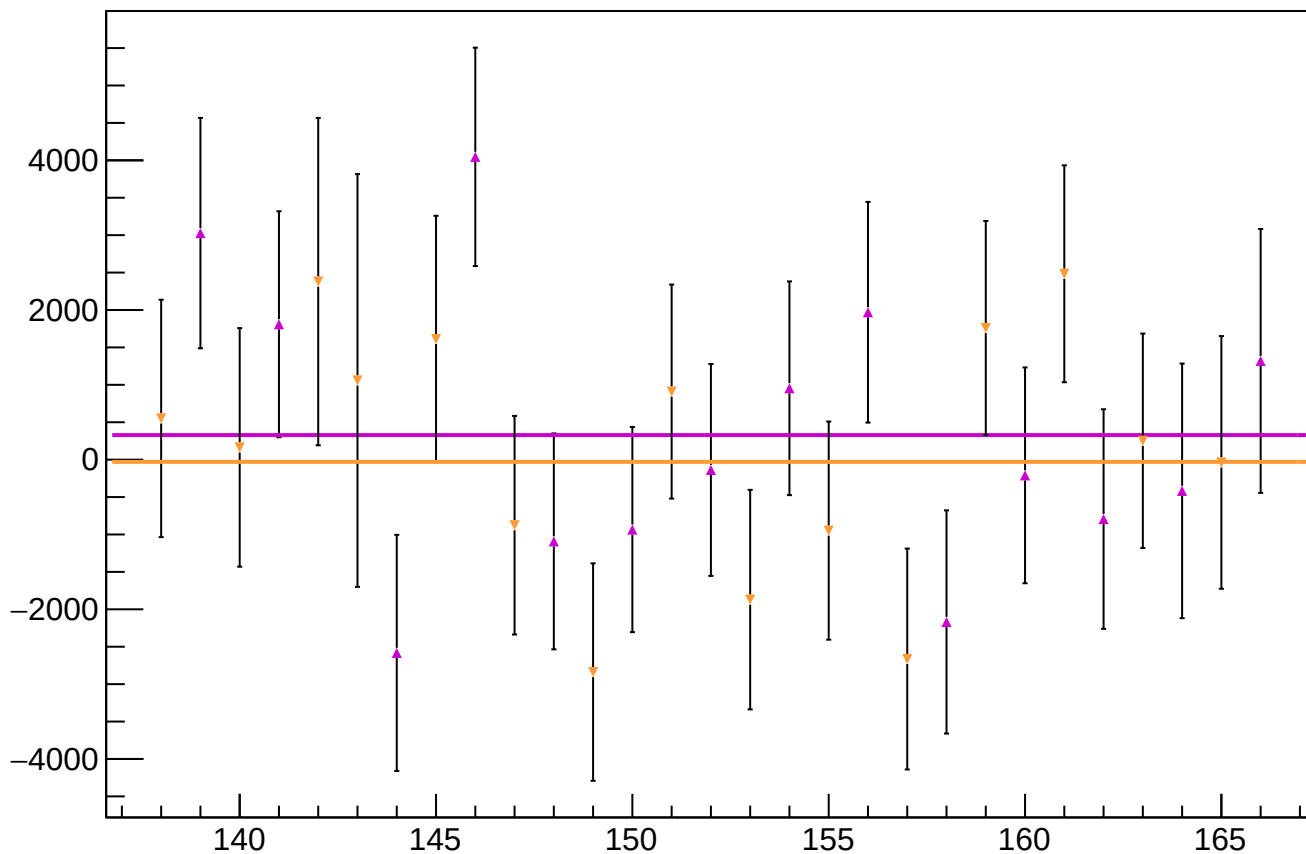
Left In: 5218.757+/-1.132 χ^2/NDF : 578015.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5071.565+/-0.779 χ^2/NDF : 1578290.4/28

- 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: -29.673+/-403.929 χ^2/NDF :16.8/14

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

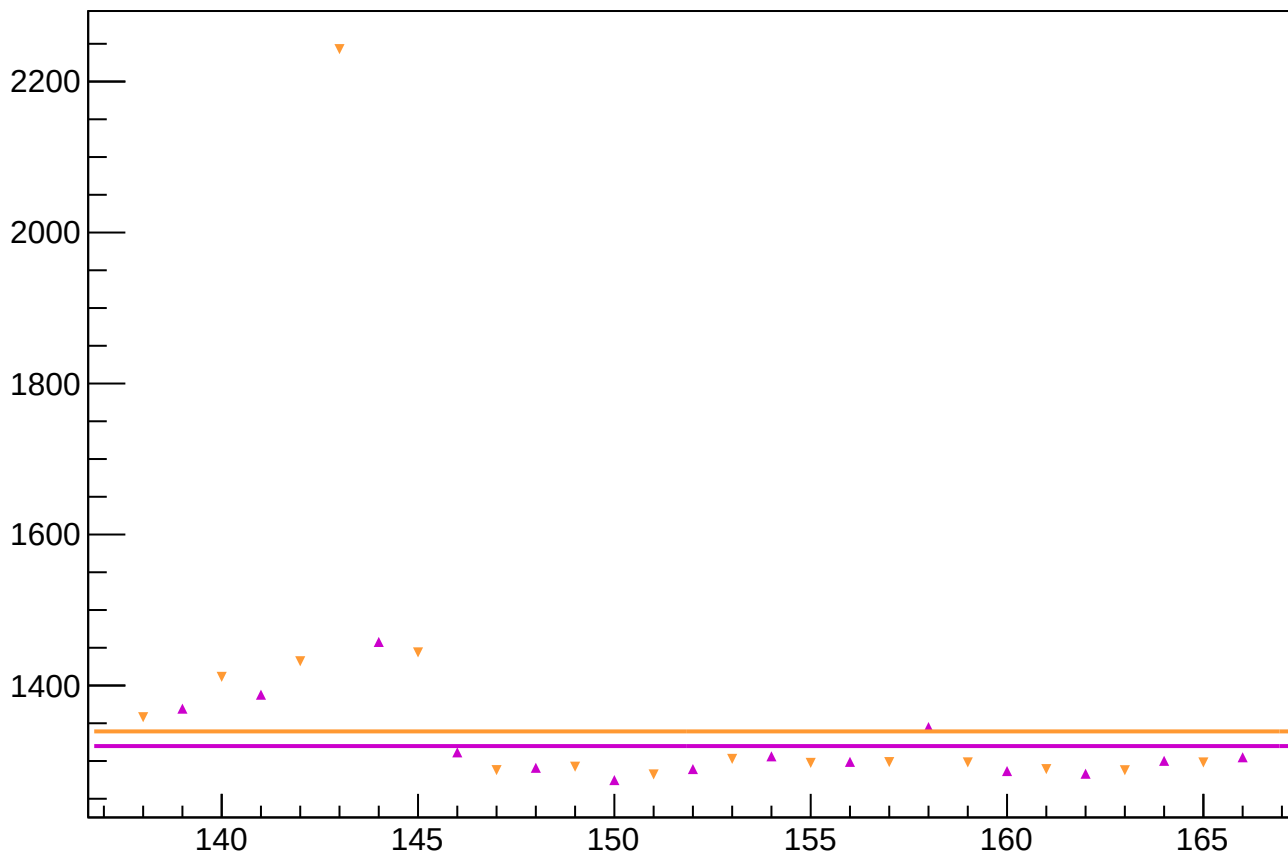
Left In: 328.185+/-399.821 χ^2/NDF :21.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.085+/-284.157 χ^2/NDF : 38.5/28

- 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: 1339.213+/-0.286 χ^2/NDF : 250652.6/14

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

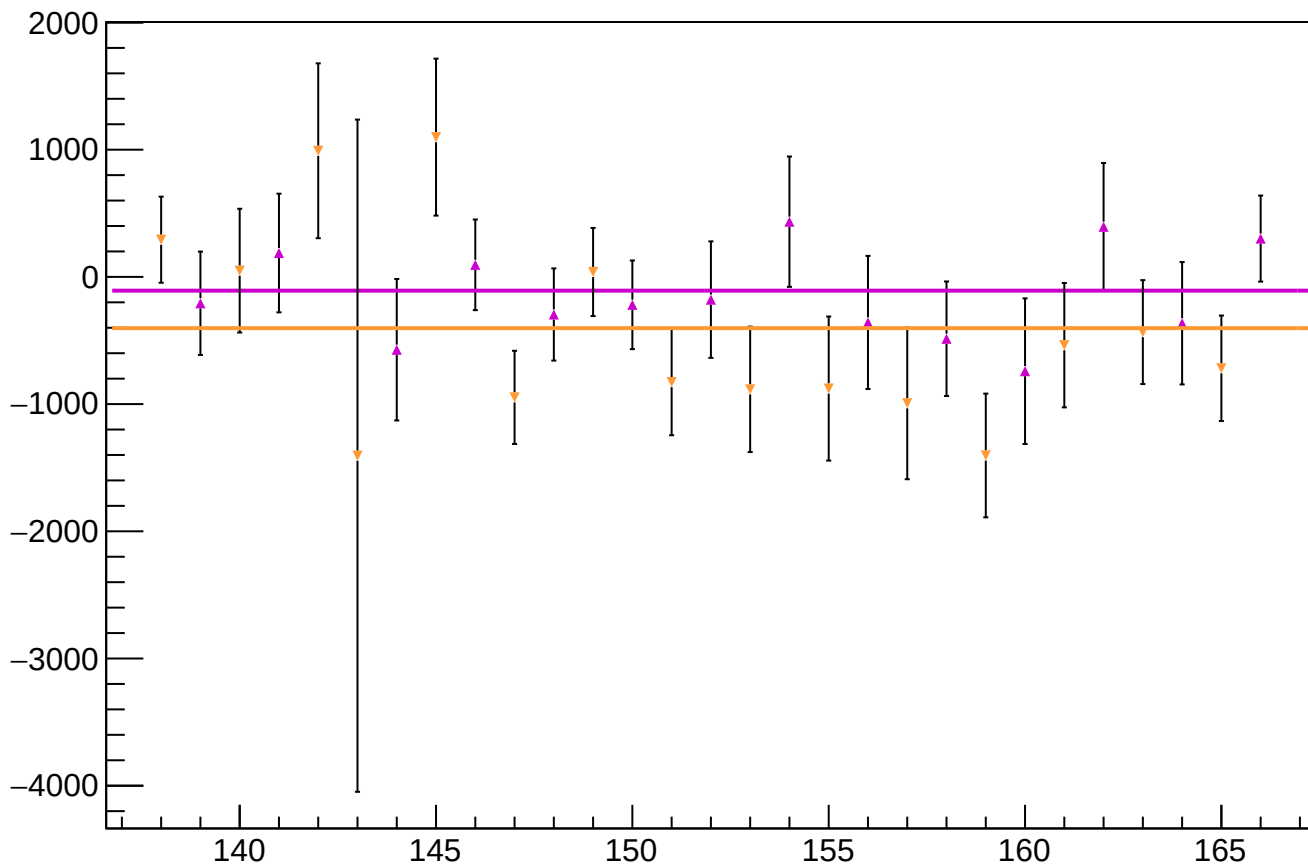
Left In: 1319.780+/-0.283 χ^2/NDF : 29215.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1329.397+/-0.201 χ^2/NDF : 282206.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

Left Out: -402.898+/-119.853 χ^2/NDF : 27.7/14

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

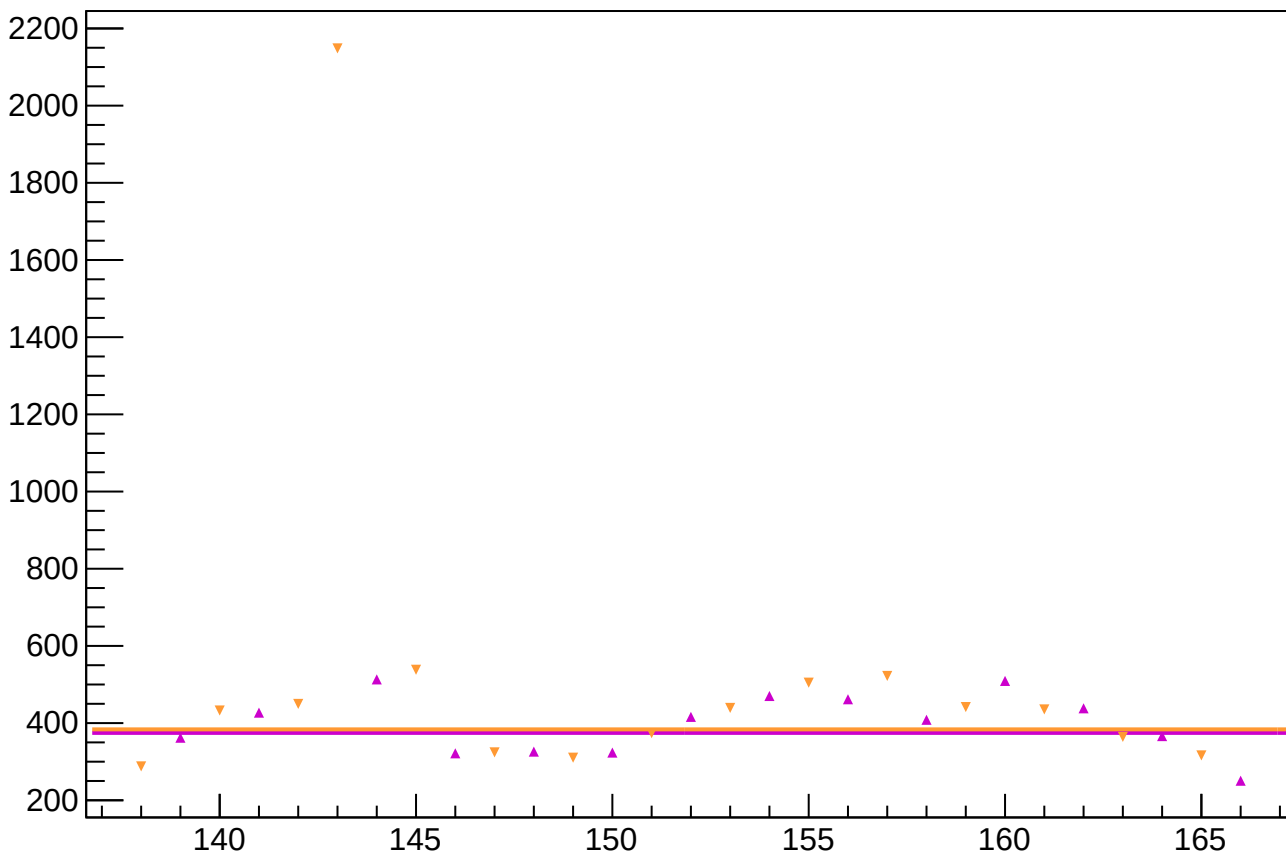
Left In: -108.177+/-115.560 χ^2/NDF : 7.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.165+/-83.190 χ^2/NDF : 38.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 383.731+/-0.085 χ^2/NDF :1692848.7/14

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

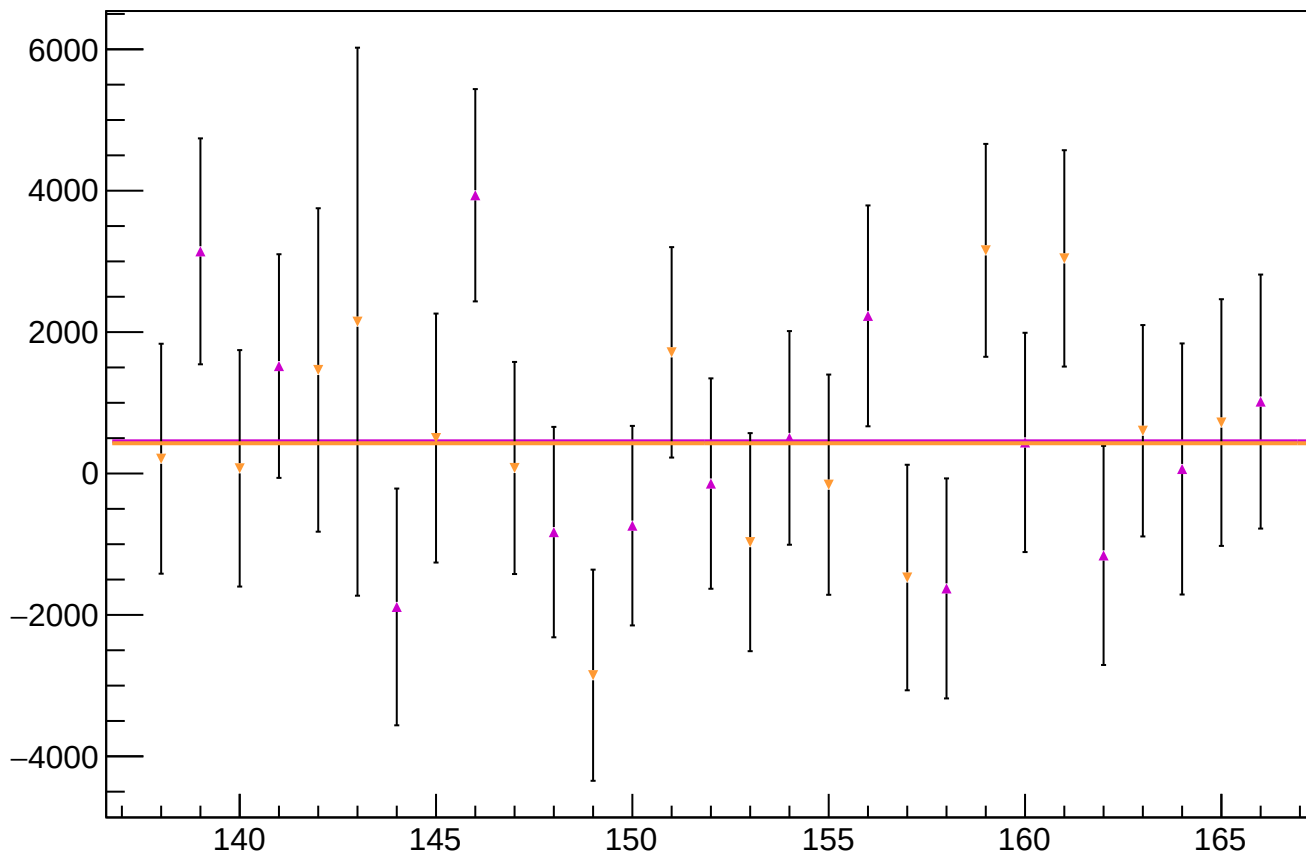
Left In: 374.637+/-0.082 χ^2/NDF :839662.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.018+/-0.059 χ^2/NDF : 2538478.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: 427.852+/-425.228 χ^2/NDF :14.7/14

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

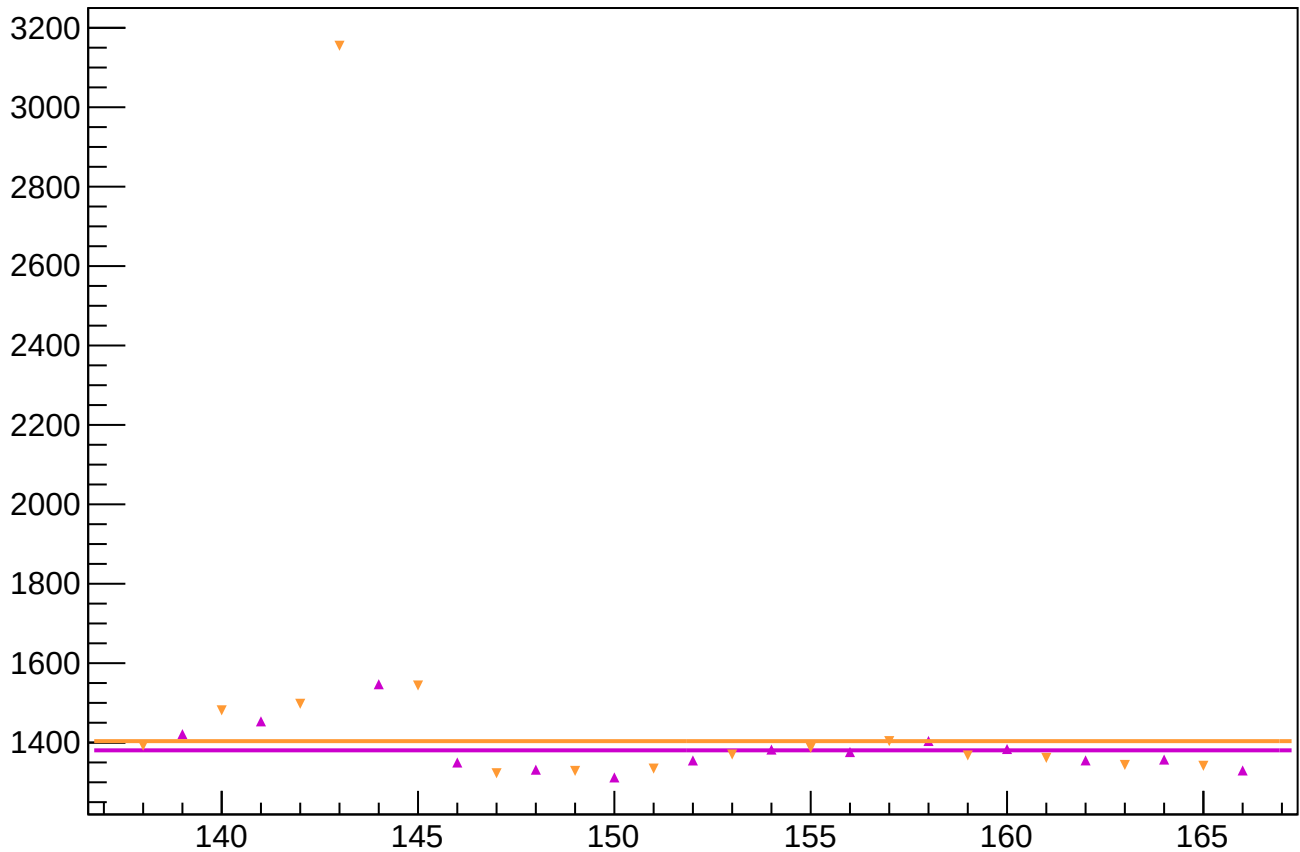
Left In: 454.984+/-418.226 χ^2/NDF :16.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.643+/-298.175 χ^2/NDF : 31.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1403.636+/-0.301 χ^2/NDF : 453573.4/14

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

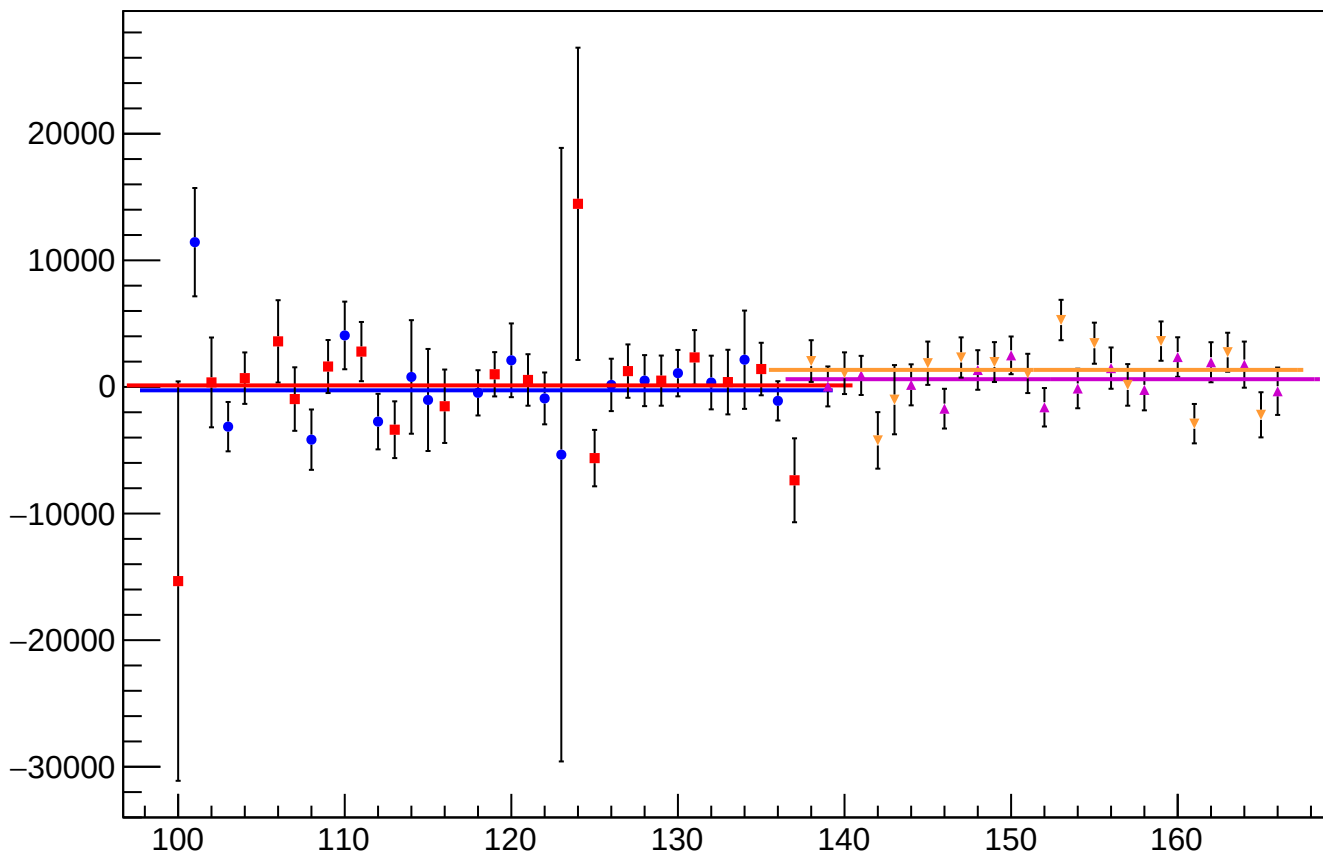
Left In: 1380.489+/-0.296 χ^2/NDF : 36510.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1391.870+/-0.211 χ^2/NDF : 493096.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -266.664 $\pm$ 567.455 χ^2/NDF : 18.6/16

Left Out: 1347.116 $\pm$ 432.908 χ^2/NDF : 30.5/14

Right Out: 122.072 $\pm$ 554.216 χ^2/NDF : 22.1/18

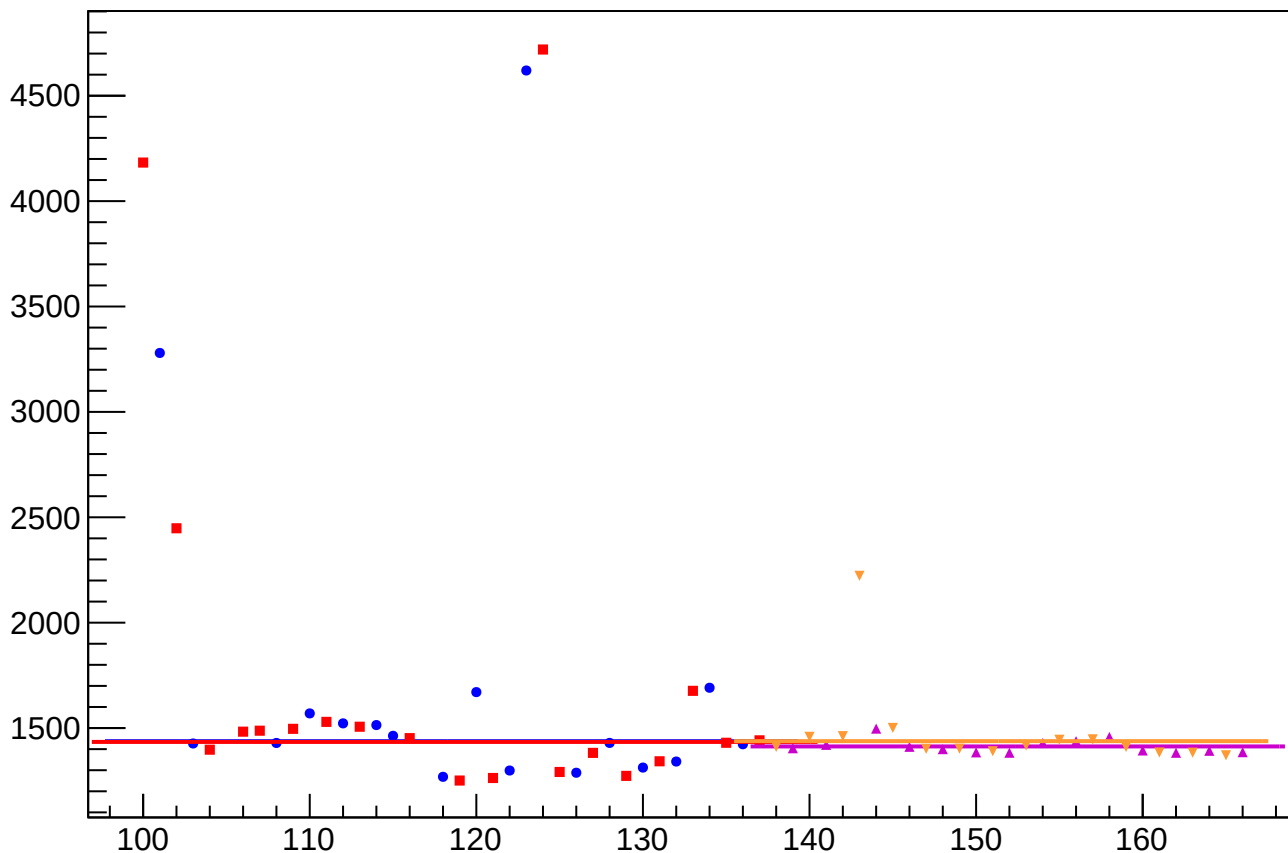
Left In: 612.070 $\pm$ 427.726 χ^2/NDF : 9.8/13

+ sign 753.419 $\pm$ 344.185 χ^2/NDF : 54.3/31

All: 588.643 $\pm$ 241.380 χ^2/NDF : 87.1/64

- sign 429.160 $\pm$ 338.611 χ^2/NDF : 32.4/32

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1437.576 ± 0.401 $\chi^2/\text{NDF}: 486465.9/16$

Left Out: 1437.900 ± 0.306 $\chi^2/\text{NDF}: 181293.0/14$

Right Out: 1434.272 ± 0.392 $\chi^2/\text{NDF}: 455611.8/18$

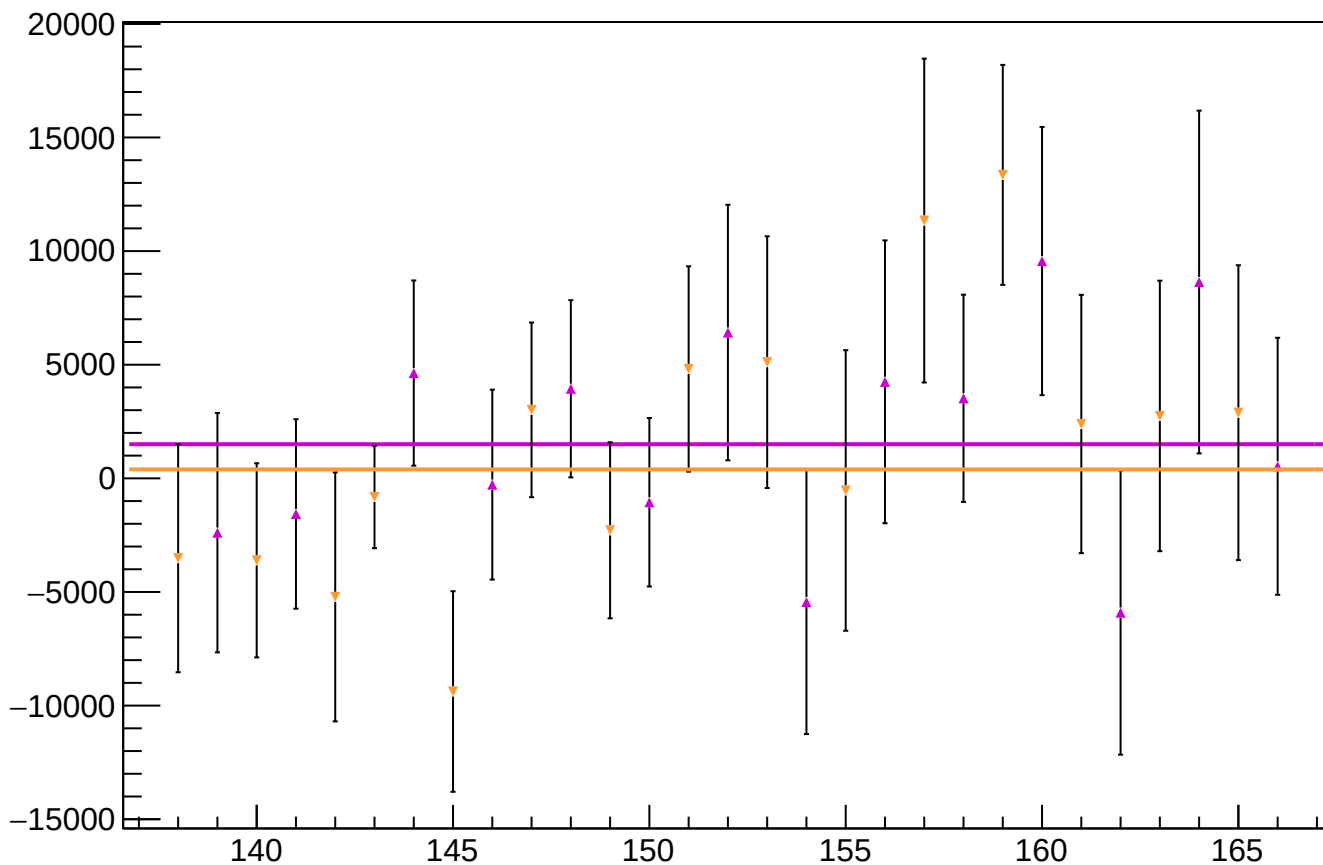
Left In: 1412.814 ± 0.302 $\chi^2/\text{NDF}: 11106.0/13$

+ sign 1437.781 ± 0.243 $\chi^2/\text{NDF}: 667759.3/31$

All: 1429.165 ± 0.171 $\chi^2/\text{NDF}: 1138823.3/64$

- sign 1420.830 ± 0.239 $\chi^2/\text{NDF}: 468598.3/32$

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: 393.494+/-1144.428 χ^2/NDF : 20.3/14

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

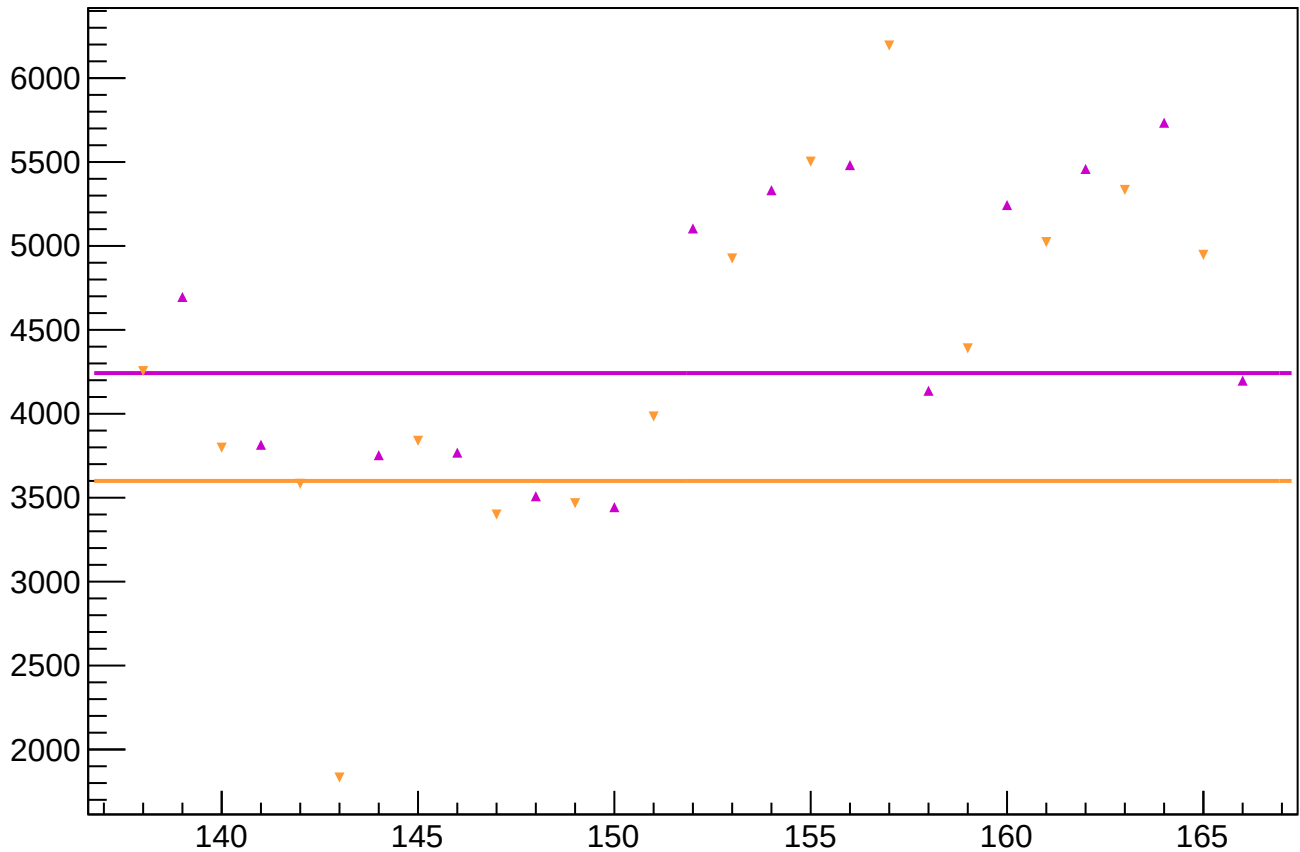
Left In: 1500.880+/-1304.155 χ^2/NDF : 9.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.256+/-860.193 χ^2/NDF : 30.2/28

- 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: 3600.030+/-0.809 χ^2/NDF : 2299812.1/14

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

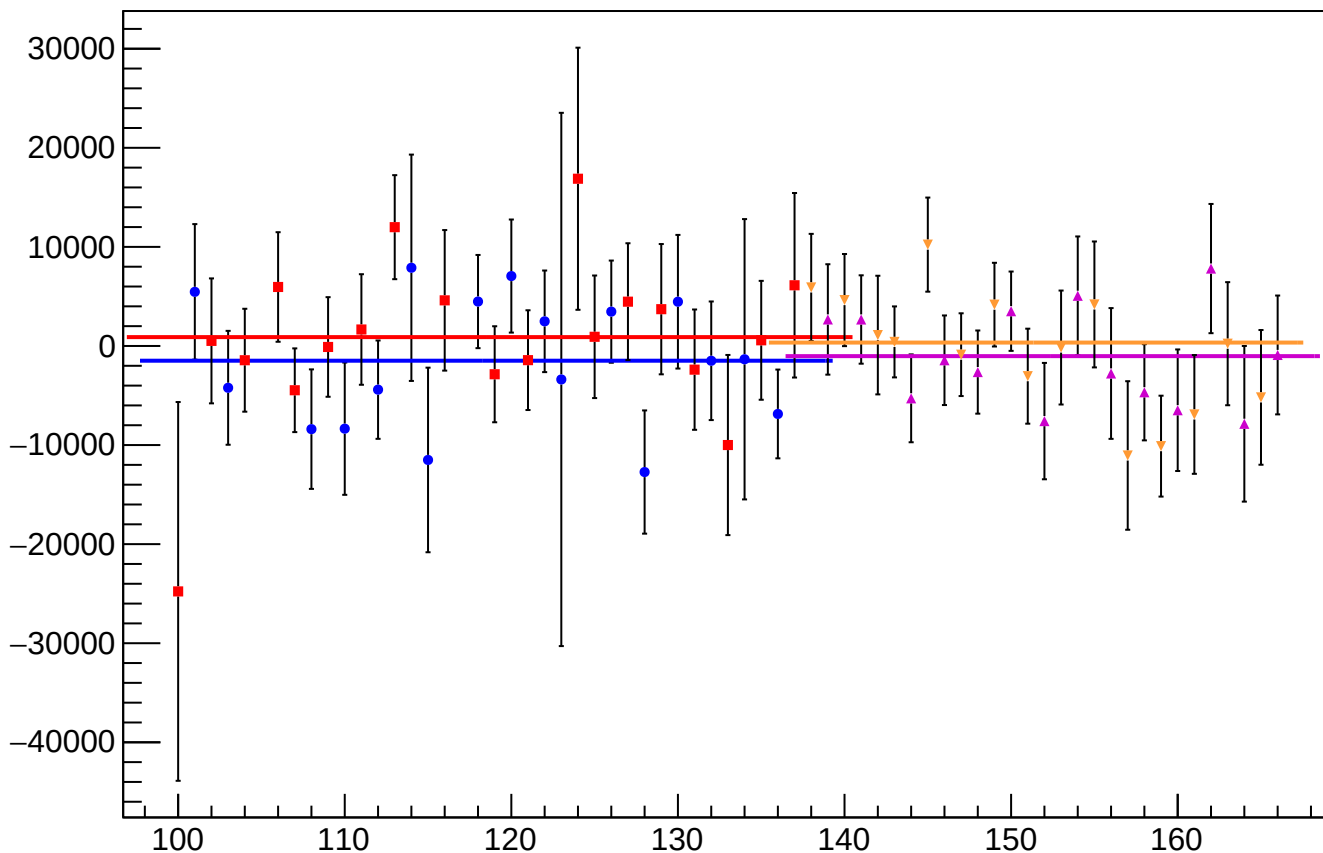
Left In: 4242.521+/-0.922 χ^2/NDF : 663375.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3879.542+/-0.608 χ^2/NDF : 3237421.3/28

- 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: 343.857 ± 1319.543 χ^2/NDF : 16.7/14

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

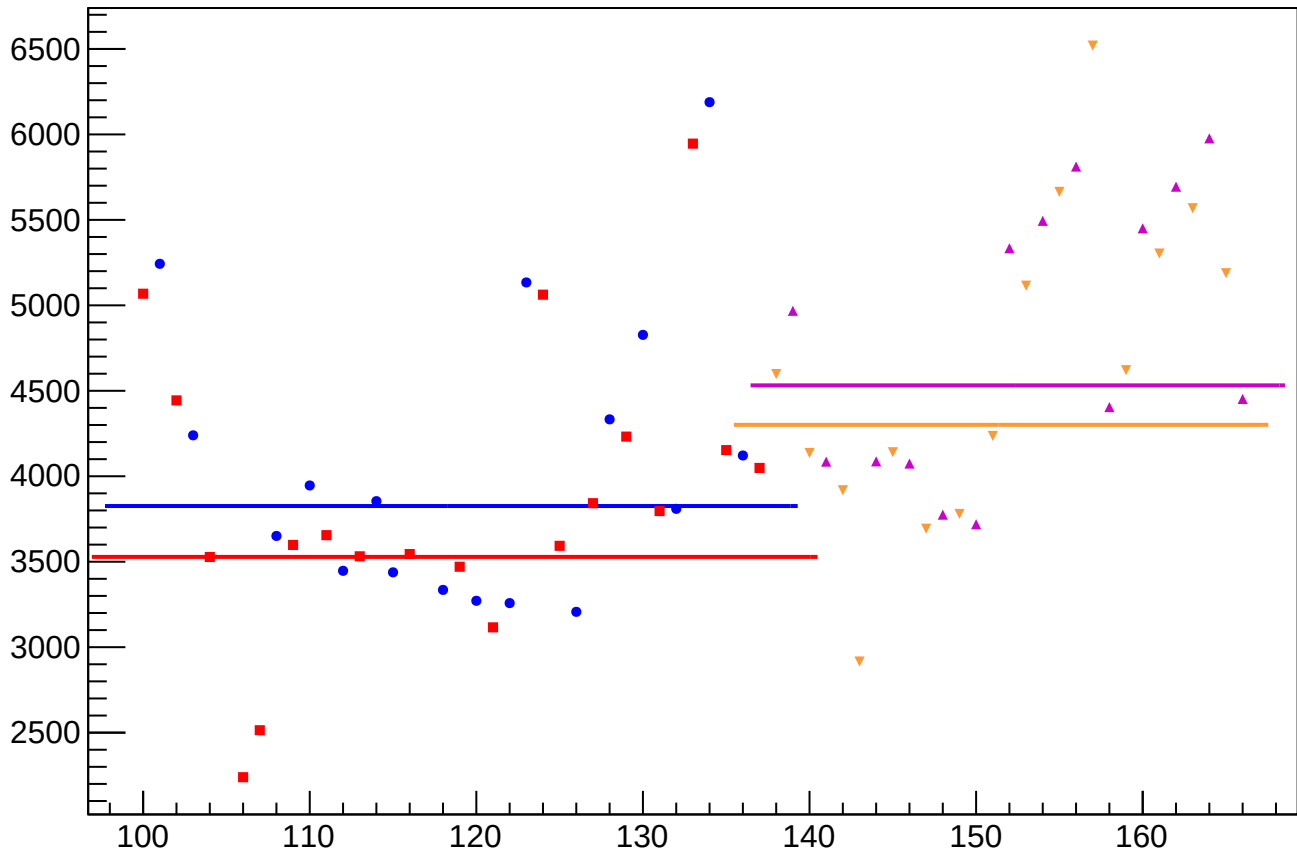
Left In: -1025.530 ± 1389.608 χ^2/NDF : 9.8/13

+ sign -455.418 ± 990.494 χ^2/NDF : 34.2/31

All: -254.484 ± 696.213 χ^2/NDF : 59.2/64

- sign -58.267 ± 978.797 χ^2/NDF : 24.9/32

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4301.041+/-0.933 χ^2/NDF : 879483.5/14

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

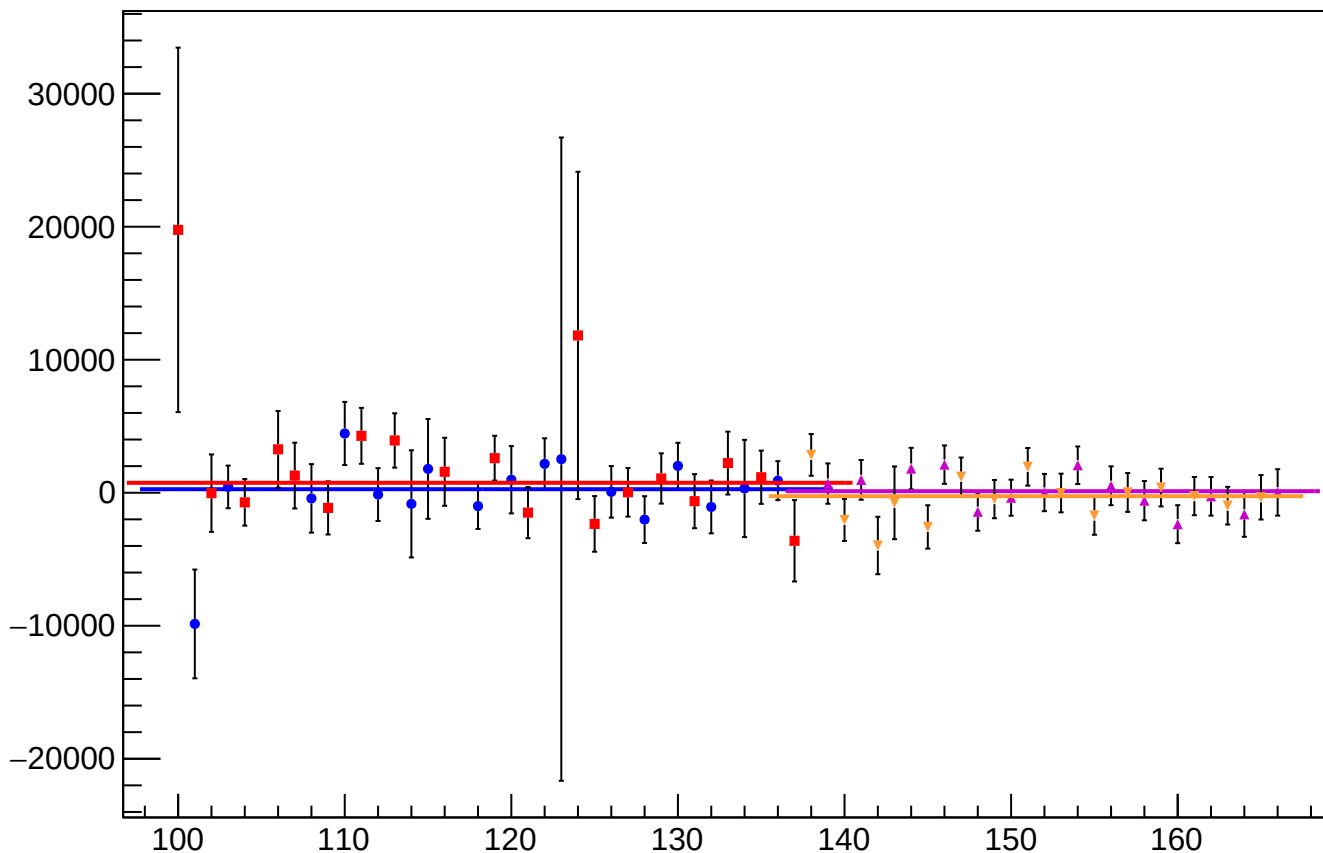
Left In: 4531.900+/-0.983 χ^2/NDF : 562419.4/13

+ sign 4093.588+/-0.700 χ^2/NDF : 1327121.6/31

All: 4057.018+/-0.491 χ^2/NDF : 2980723.0/64

- sign 4021.635+/-0.689 χ^2/NDF : 1648237.3/32

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 265.987 ± 523.529 χ^2/NDF : 14.6/16

Left Out: -258.816 ± 399.806 χ^2/NDF : 15.2/14

Right Out: 747.421 ± 511.778 χ^2/NDF : 18.4/18

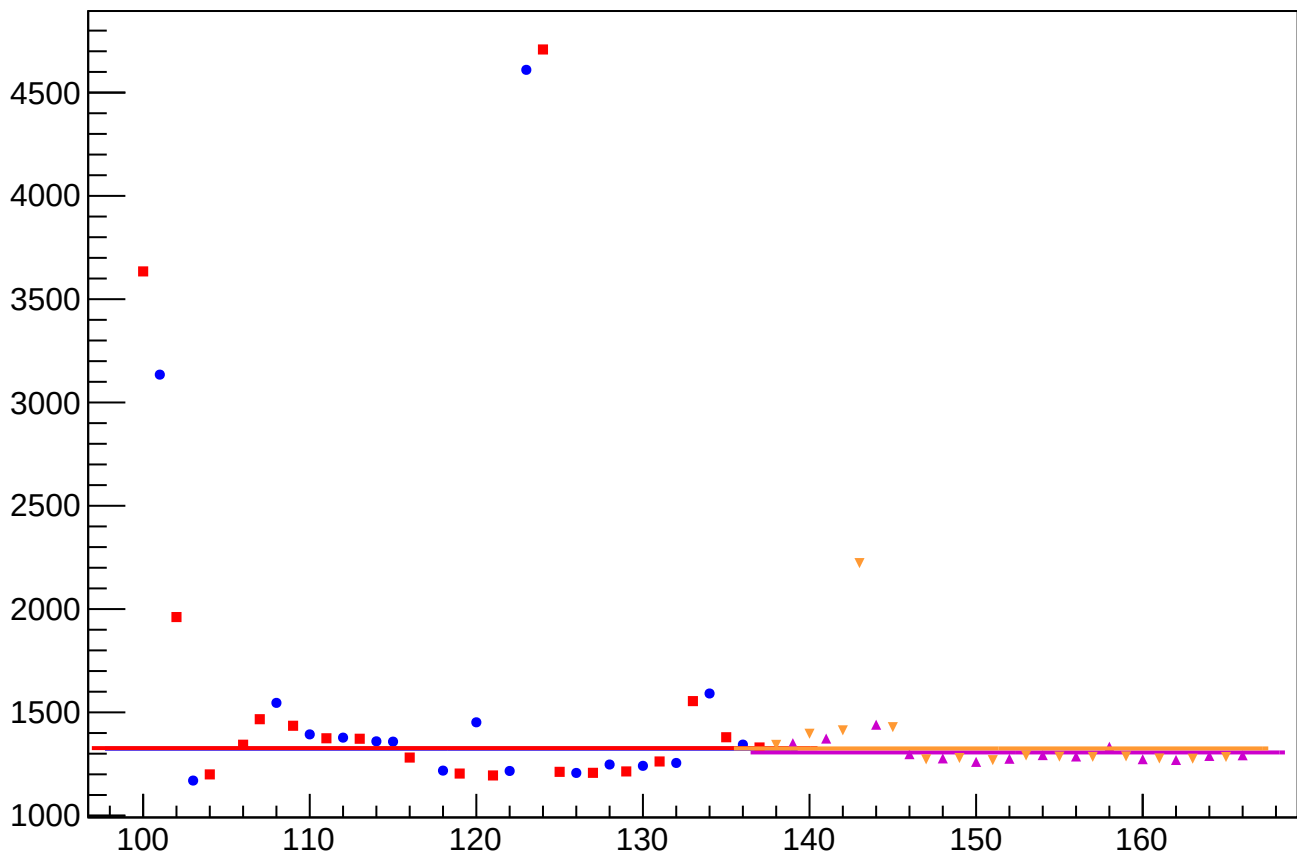
Left In: 118.298 ± 395.646 χ^2/NDF : 11.2/13

+ sign -65.495 ± 317.747 χ^2/NDF : 30.5/31

All: 147.217 ± 222.989 χ^2/NDF : 62.0/64

- sign 353.642 ± 313.015 χ^2/NDF : 30.6/32

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1324.281+/-0.370 χ^2/NDF : 514089.5/16

Left Out: 1325.464+/-0.283 χ^2/NDF : 250622.3/14

Right Out: 1326.975+/-0.362 χ^2/NDF : 392077.2/18

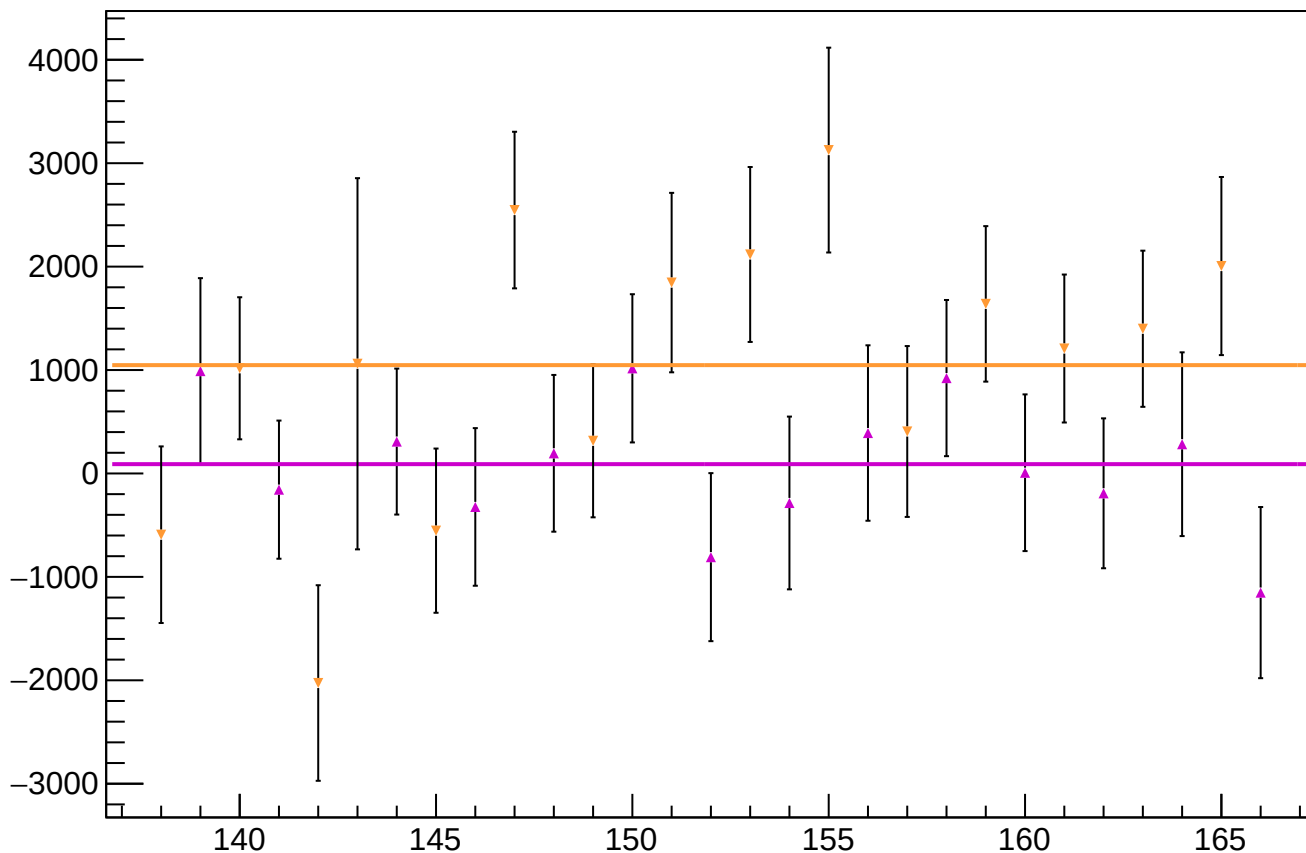
Left In: 1305.985+/-0.280 χ^2/NDF : 28535.4/13

+ sign 1325.028+/-0.225 χ^2/NDF : 764718.3/31

All: 1319.349+/-0.158 χ^2/NDF : 1188695.7/64

- sign 1313.837+/-0.221 χ^2/NDF : 422718.3/32

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 1047.396+/-212.641 χ^2/NDF :32.8/14

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

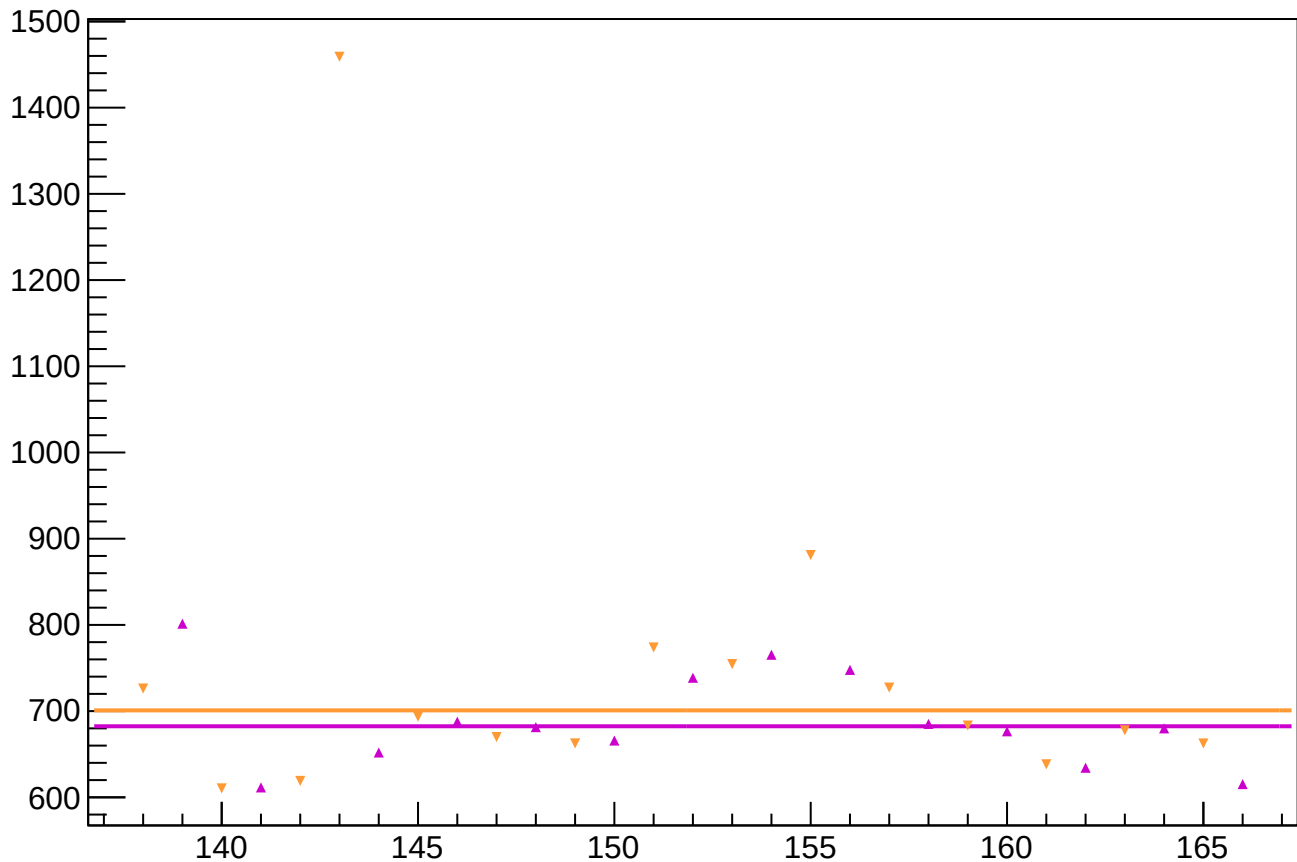
Left In: 90.017+/-206.882 χ^2/NDF :8.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.566+/-148.282 χ^2/NDF : 51.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

Left Out: 700.870+/-0.150 χ^2/NDF : 529953.8/14

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

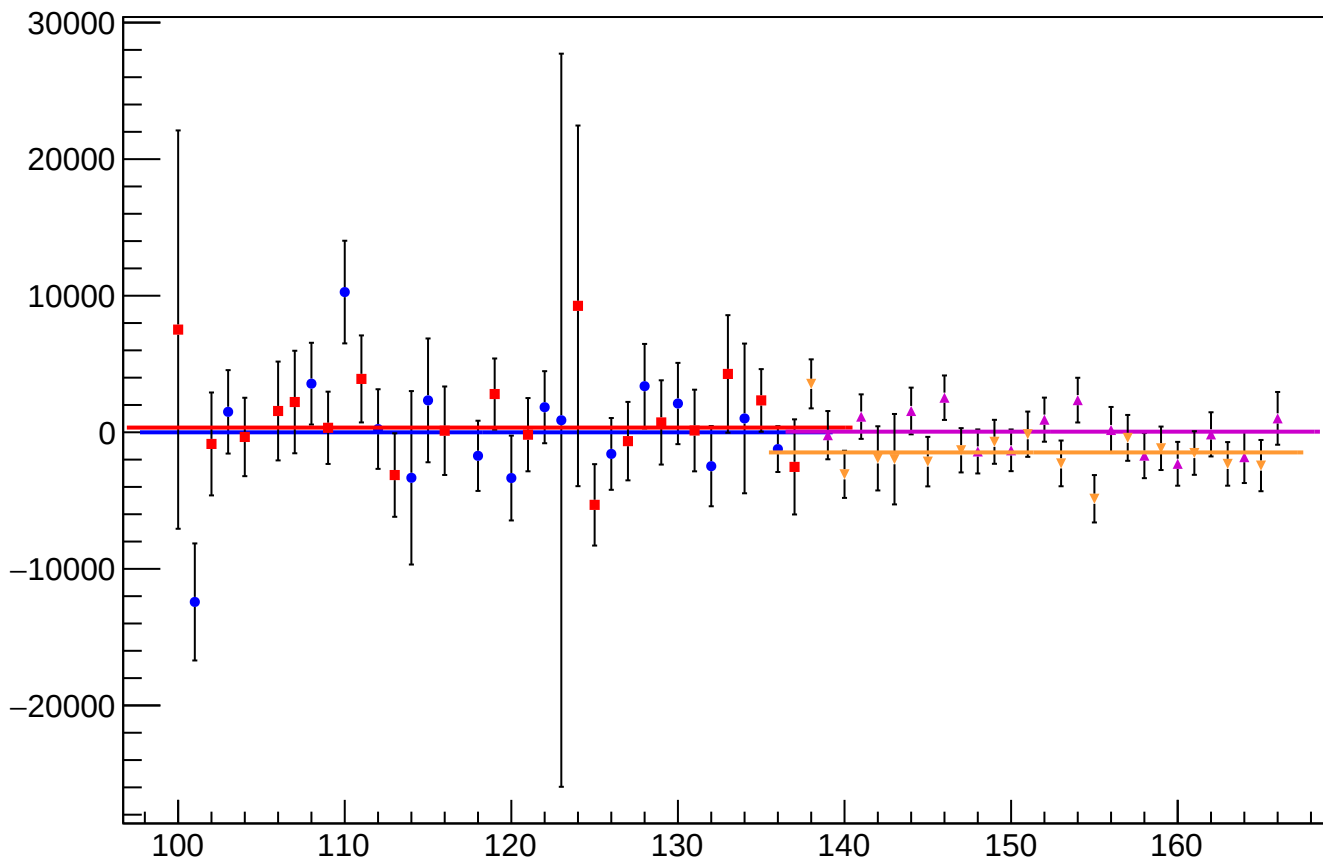
Left In: 682.427+/-0.146 χ^2/NDF : 125852.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.396+/-0.105 χ^2/NDF : 663535.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -2.204 ± 745.061 χ^2/NDF : 23.5/16

Left Out: -1474.209 ± 453.605 χ^2/NDF : 14.8/14

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

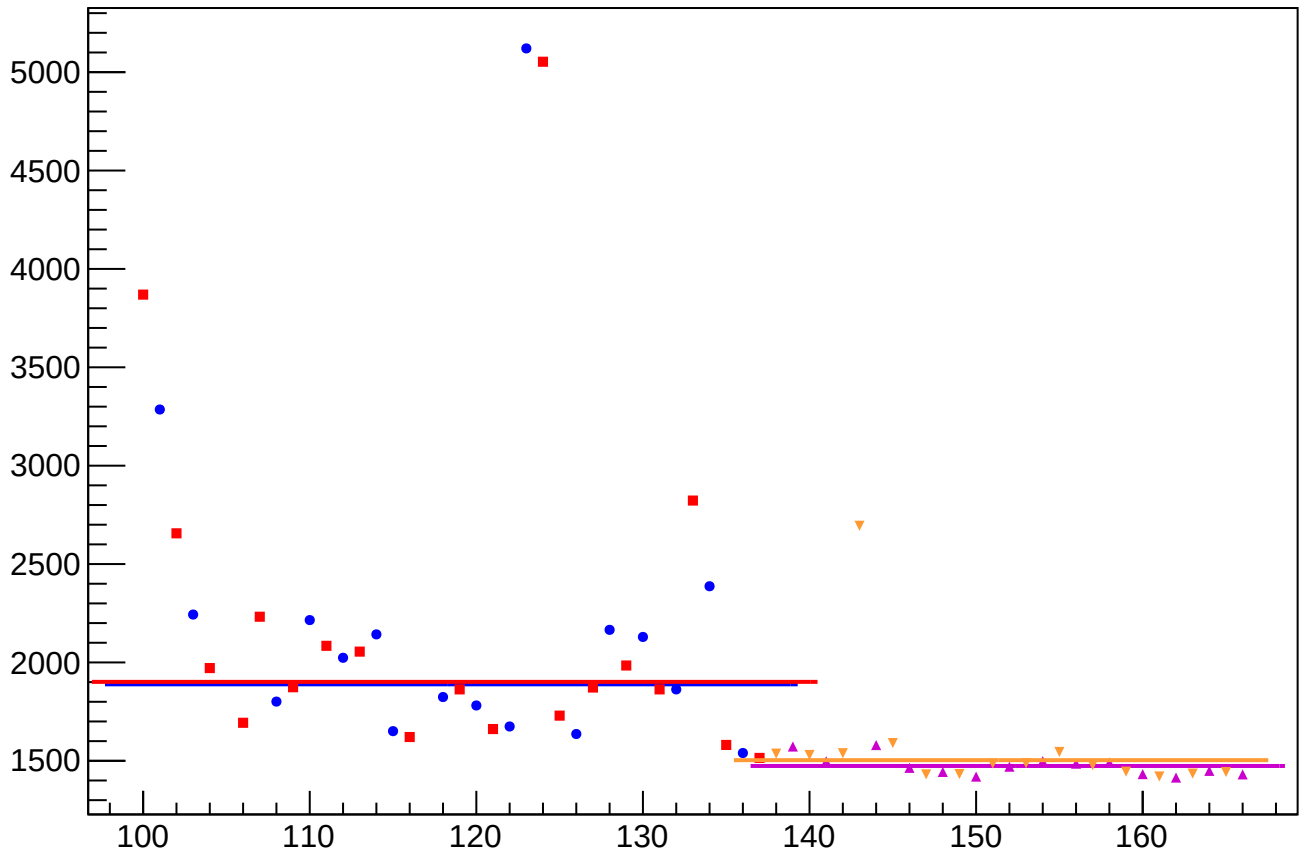
Left In: 45.545 ± 446.230 χ^2/NDF : 12.0/13

+ sign -1076.146 ± 387.448 χ^2/NDF : 41.2/31

All: -465.169 ± 271.752 χ^2/NDF : 68.9/64

- sign 126.440 ± 381.258 χ^2/NDF : 22.8/32

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1503.218+/-0.321 χ^2/NDF : 288722.1/14

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

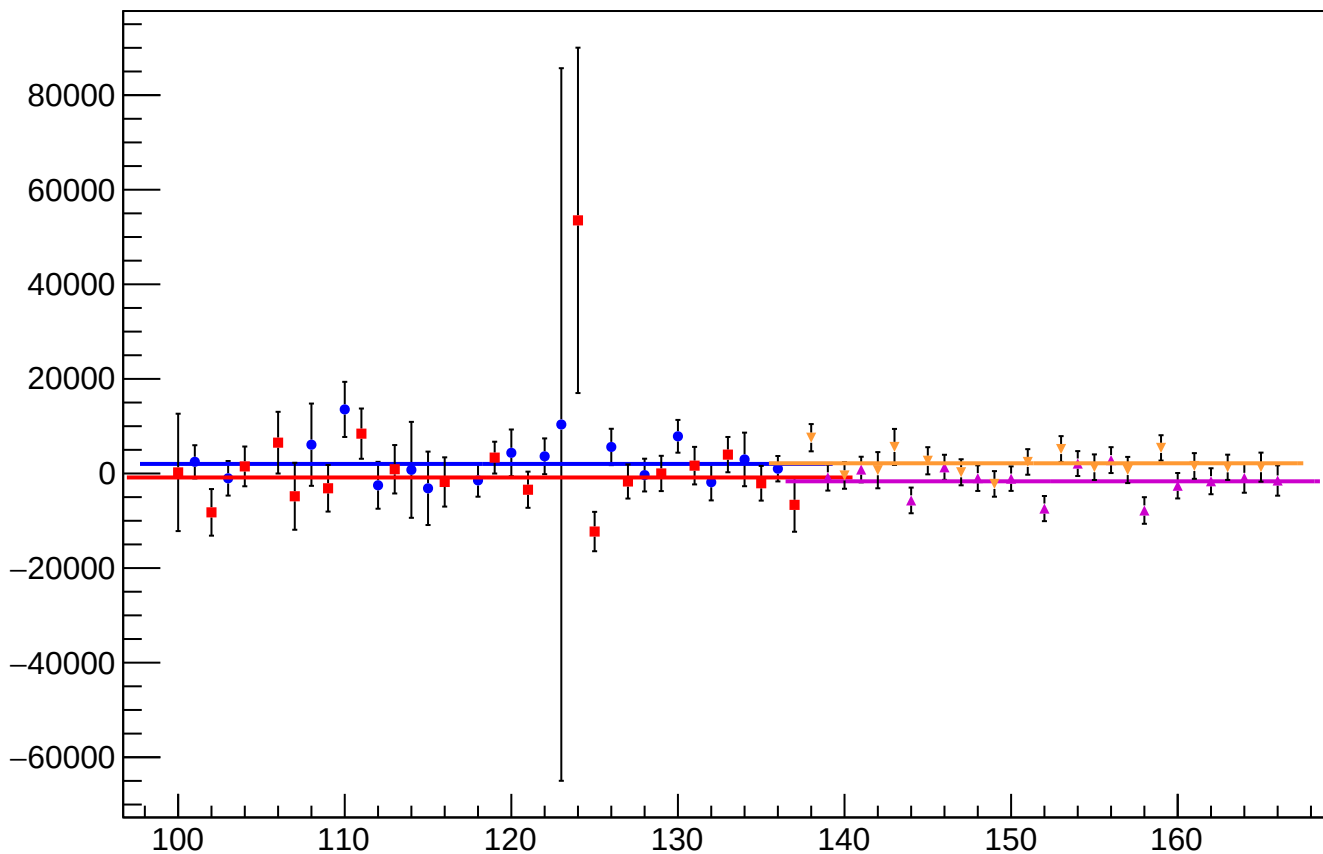
Left In: 1473.769+/-0.316 χ^2/NDF : 23774.2/13

+ sign 1607.492+/-0.274 χ^2/NDF : 1145386.4/31

All: 1598.195+/-0.192 χ^2/NDF : 2128442.9/64

- sign 1589.193+/-0.270 χ^2/NDF : 980790.1/32

dit_asym_atl1_mean vs Slug



Right In: 2021.418 ± 1035.639 χ^2/NDF : 12.9/16

Left Out: 2157.118 ± 738.691 χ^2/NDF : 11.7/14

Right Out: -842.423 ± 1051.980 χ^2/NDF : 22.7/18

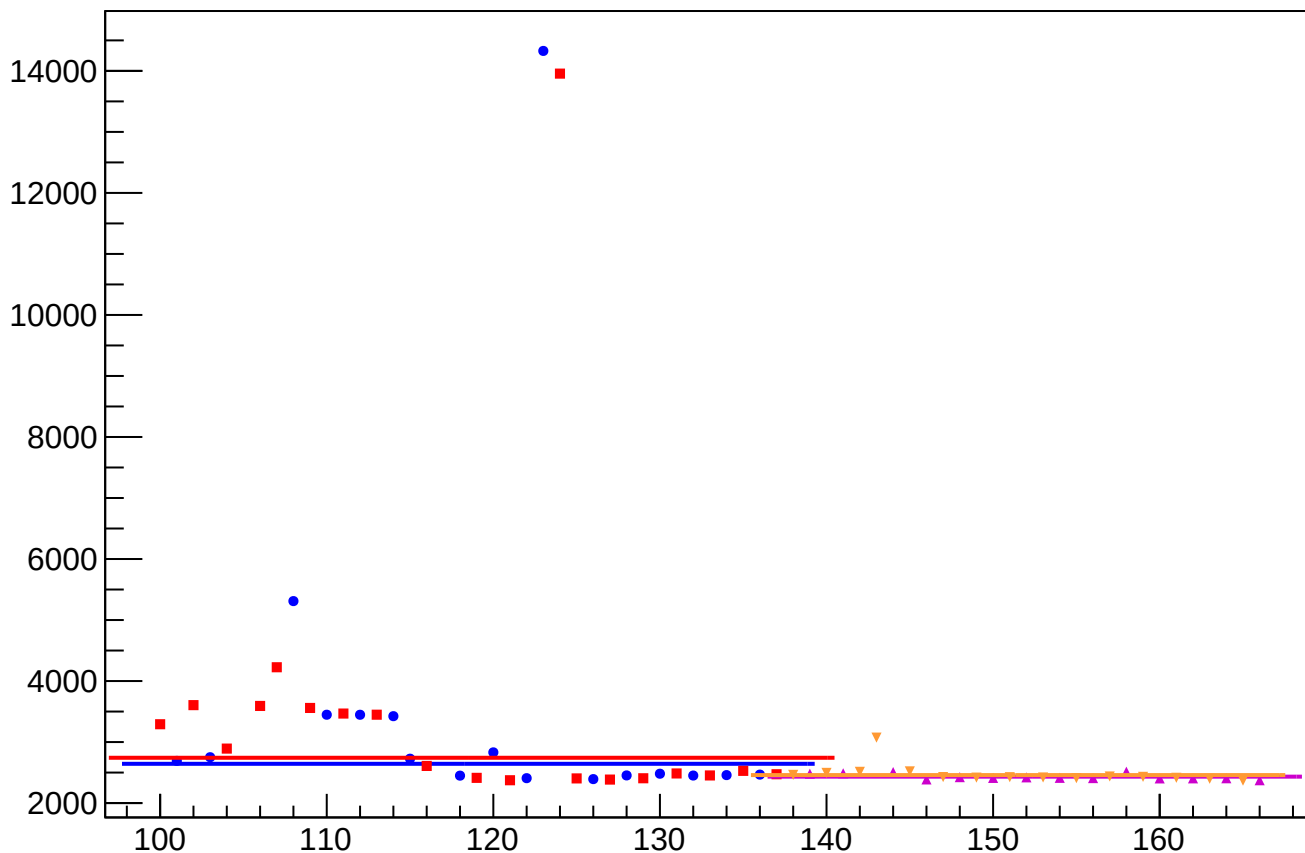
Left In: -1654.703 ± 736.744 χ^2/NDF : 18.9/13

+ sign 2111.360 ± 601.386 χ^2/NDF : 24.6/31

All: 368.022 ± 425.978 χ^2/NDF : 83.5/64

- sign -1387.403 ± 603.468 χ^2/NDF : 42.0/32

dit_asym_atl1_rms vs Slug



Right In: 2643.525 ± 0.732 χ^2/NDF : 392705.3/16

Left Out: 2458.796 ± 0.522 χ^2/NDF : 59417.1/14

Right Out: 2742.543 ± 0.744 χ^2/NDF : 628009.1/18

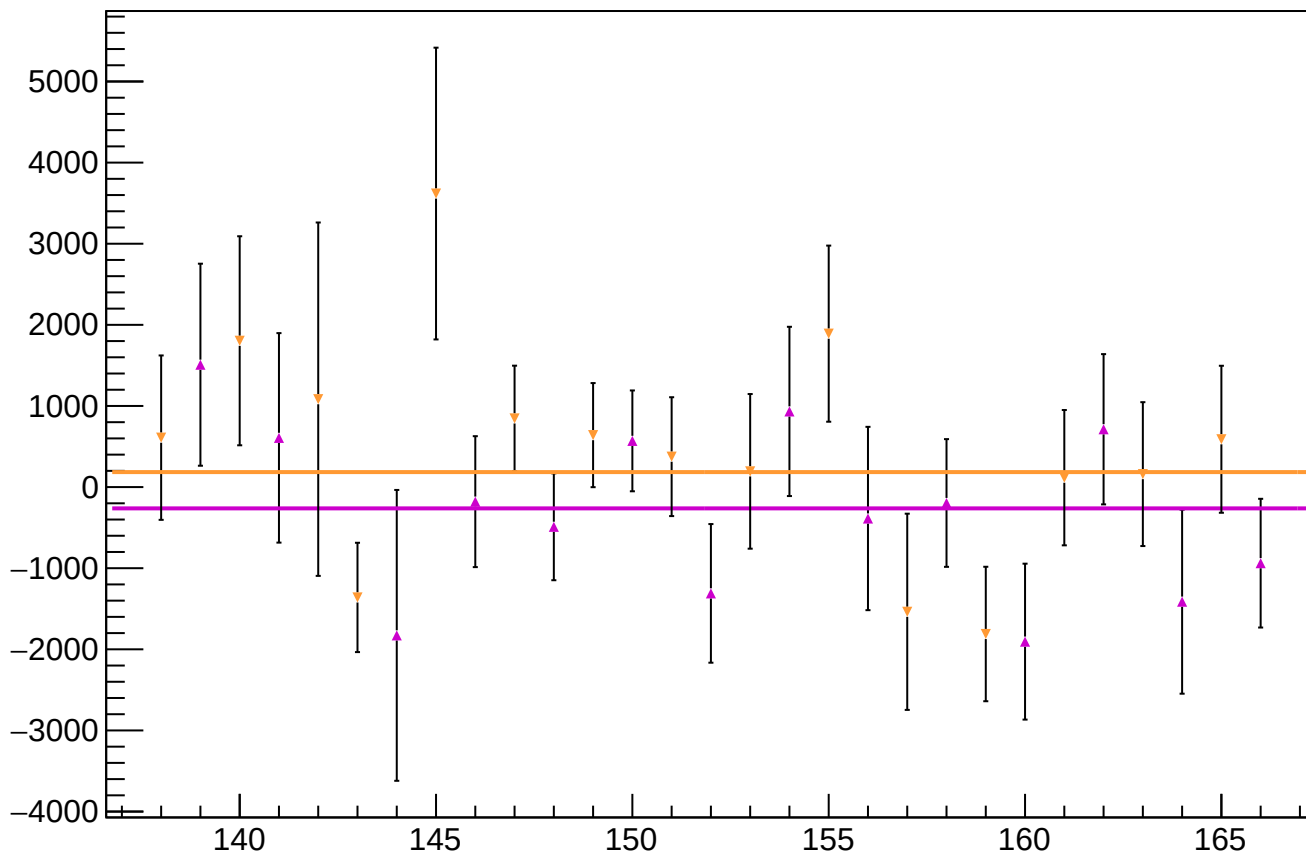
Left In: 2433.102 ± 0.521 χ^2/NDF : 6915.0/13

+ sign 2521.087 ± 0.425 χ^2/NDF : 494298.7/31

All: 2527.985 ± 0.301 χ^2/NDF : 1245854.8/64

- sign 2534.931 ± 0.427 χ^2/NDF : 751028.0/32

asym_atl1_correction_mean vs Slug



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

Left Out: 184.815+/-229.593 χ^2/NDF : 22.9/14

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

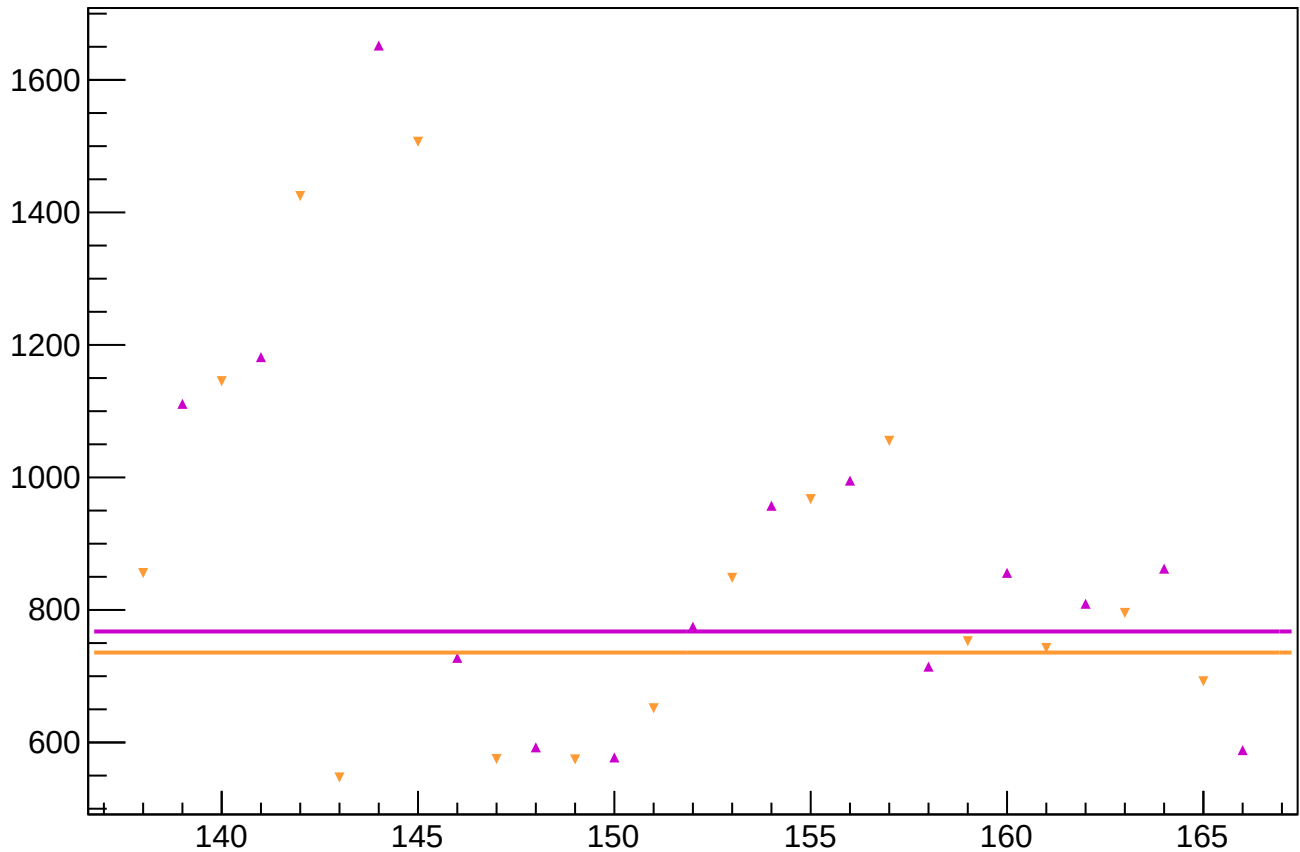
Left In: -262.624+/-240.536 χ^2/NDF : 13.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.495+/-166.081 χ^2/NDF : 38.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_correction_rms vs Slug



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

Left Out: 735.724+/-0.162 χ^2/NDF :1502518.6/14

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

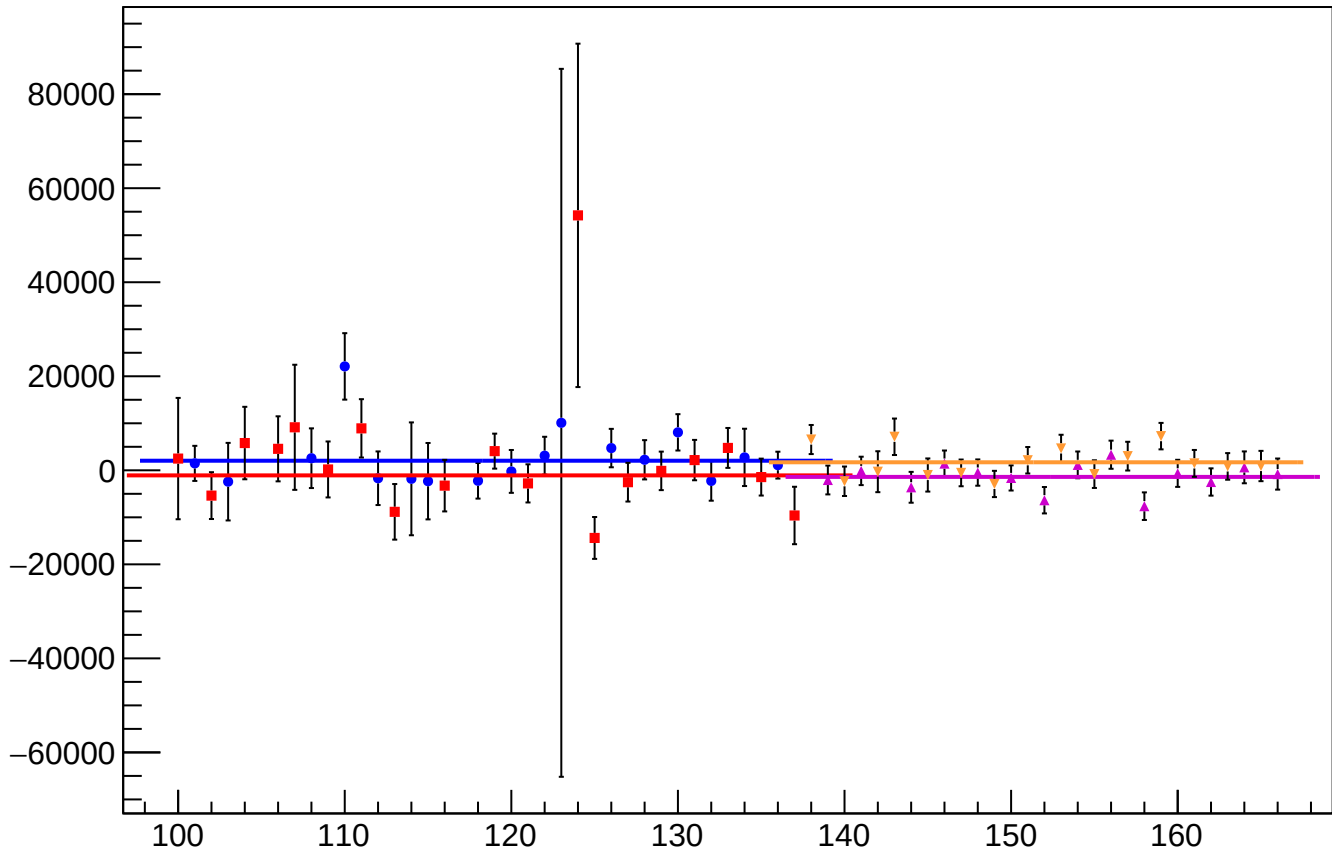
Left In: 767.508+/-0.170 χ^2/NDF :1471086.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.877+/-0.117 χ^2/NDF : 2991877.3/28

- 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: 1706.248 ± 791.720 χ^2/NDF : 16.3/14

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

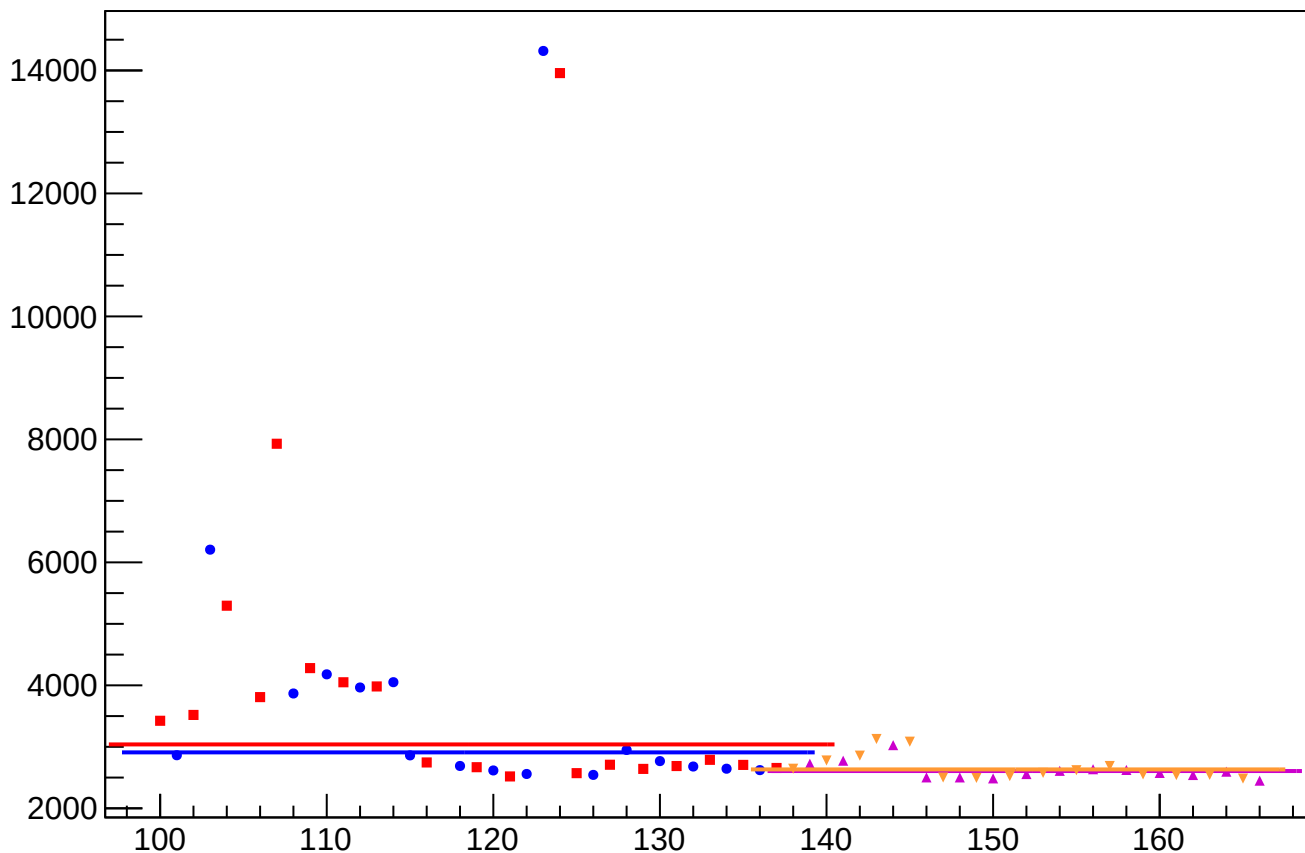
Left In: -1402.426 ± 790.199 χ^2/NDF : 13.3/13

+ sign 1812.684 ± 652.379 χ^2/NDF : 31.2/31

All: 267.335 ± 463.178 χ^2/NDF : 81.2/64

- sign -1303.415 ± 657.718 χ^2/NDF : 38.7/32

asym_atl1_rms vs Slug



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

Left Out: 2632.627 ± 0.560 χ^2/NDF : 98597.2/14

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

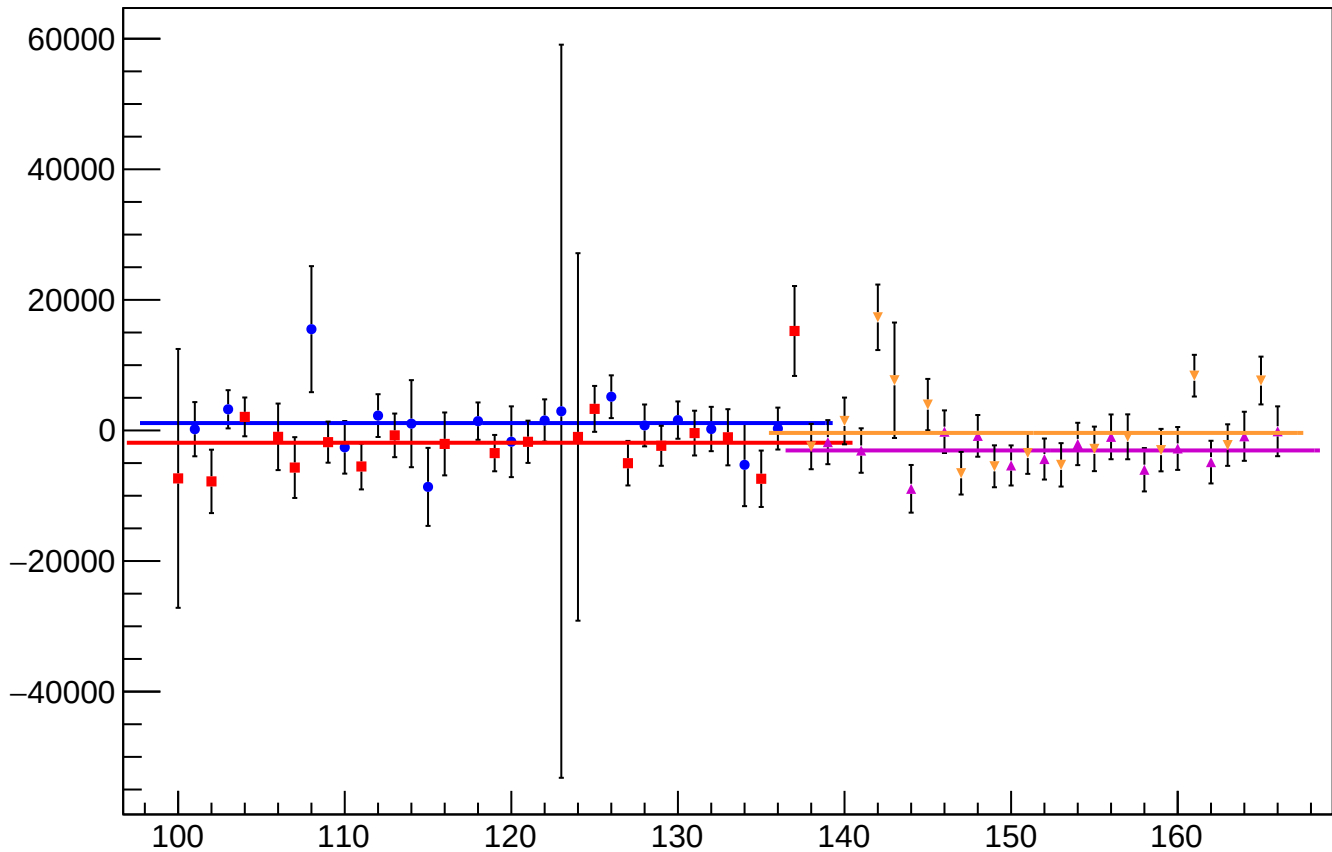
Left In: 2606.274 ± 0.559 χ^2/NDF : 58272.4/13

+ sign 2721.584 ± 0.461 χ^2/NDF : 819143.9/31

All: 2730.342 ± 0.328 χ^2/NDF : 2073799.9/64

- sign 2739.244 ± 0.465 χ^2/NDF : 1253929.2/32

dit_asym_atl2_mean vs Slug



Right In: 1131.802 $\pm$ 926.744 χ^2 /NDF: 9.5/16

Left Out: -377.445 $\pm$ 915.102 χ^2 /NDF:38.2/14

Right Out: -1884.987 $\pm$ 887.115 χ^2 /NDF: 16.6/18

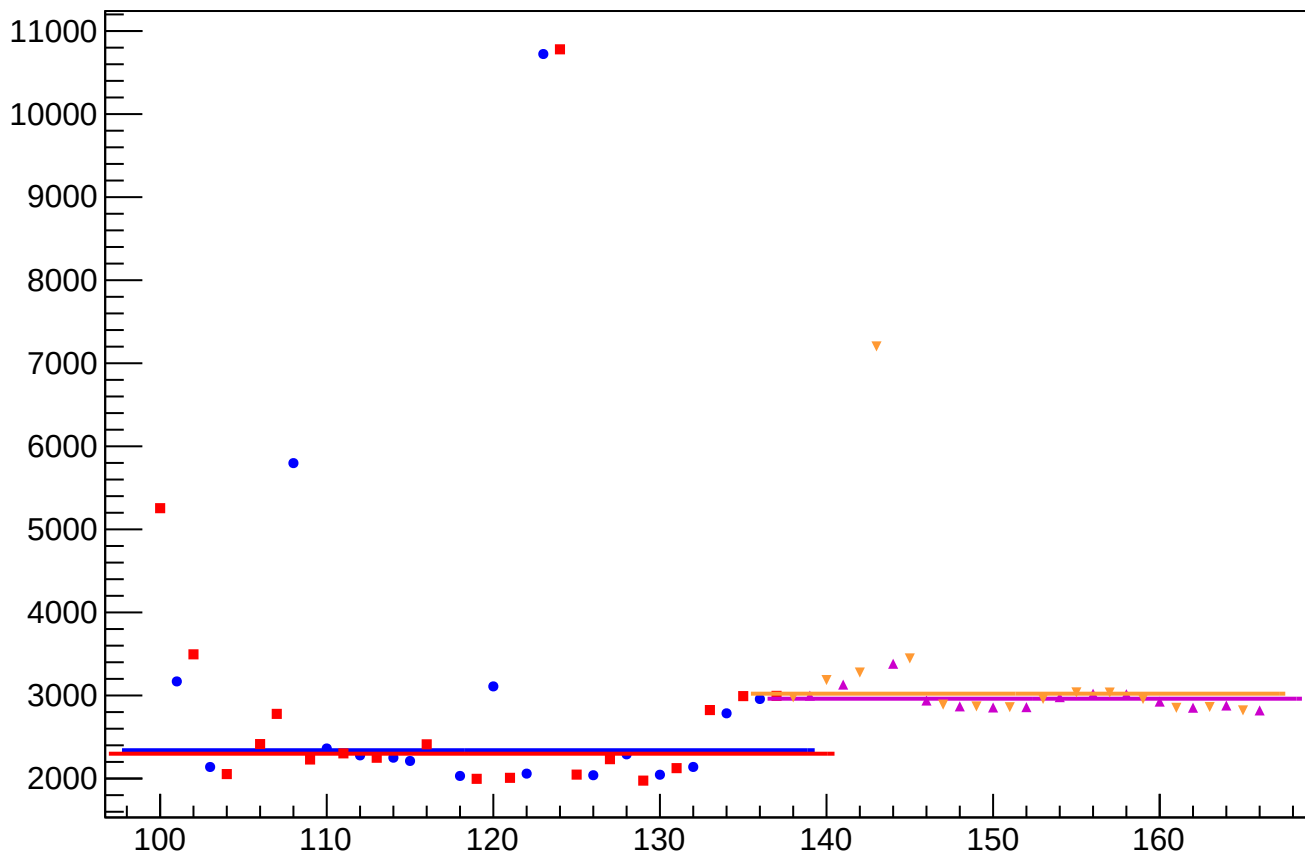
Left In: -3062.328 $\pm$ 896.280 χ^2 /NDF:7.2/13

+ sign 367.639 $\pm$ 651.152 χ^2 /NDF: 49.0/31

All: -1095.658 $\pm$ 452.956 χ^2 /NDF: 83.5/64

- sign -2467.608 $\pm$ 630.500 χ^2 /NDF: 24.7/32

dit_asym_atl2_rms vs Slug



Right In: 2340.877+/-0.655 χ^2/NDF : 600471.2/16

Left Out: 3021.712+/-0.647 χ^2/NDF : 511816.3/14

Right Out: 2298.949+/-0.627 χ^2/NDF : 566102.7/18

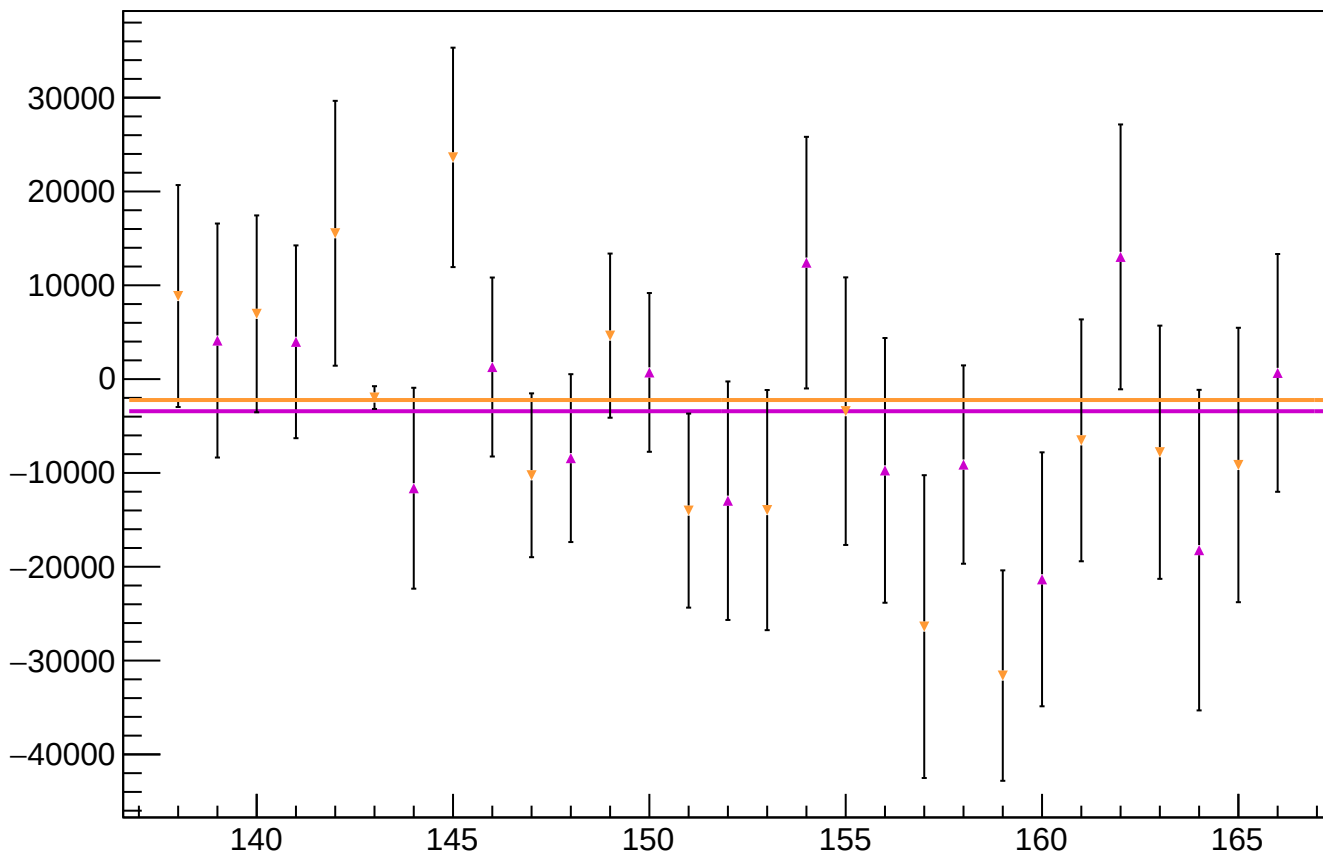
Left In: 2961.180+/-0.634 χ^2/NDF : 45330.1/13

+ sign 2685.598+/-0.460 χ^2/NDF : 1658825.6/31

All: 2655.041+/-0.320 χ^2/NDF : 2830730.0/64

- sign 2626.414+/-0.446 χ^2/NDF : 1163374.1/32

asym_atl2_correction_mean vs Slug



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

Left Out: -2228.663 $\pm$ 1131.087 χ^2 /NDF:21.4/14

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

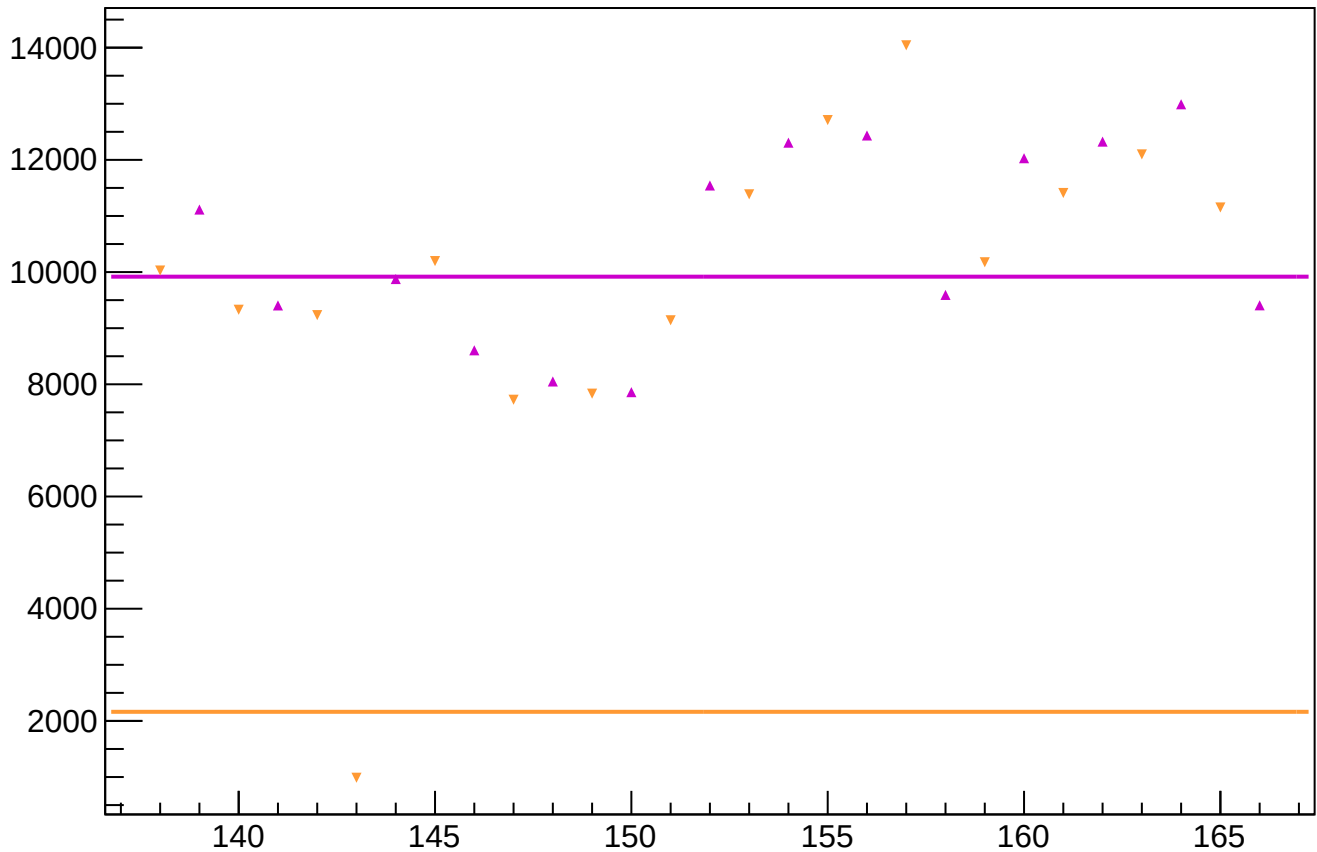
Left In: -3422.157 $\pm$ 3043.892 χ^2 /NDF:8.7/13

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

All: -2373.467 $\pm$ 1060.253 χ^2 /NDF: 30.2/28

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

asym_atl2_correction_rms vs Slug



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

Left Out: 2162.534+/-0.800 χ^2/NDF :14805876.2/14

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

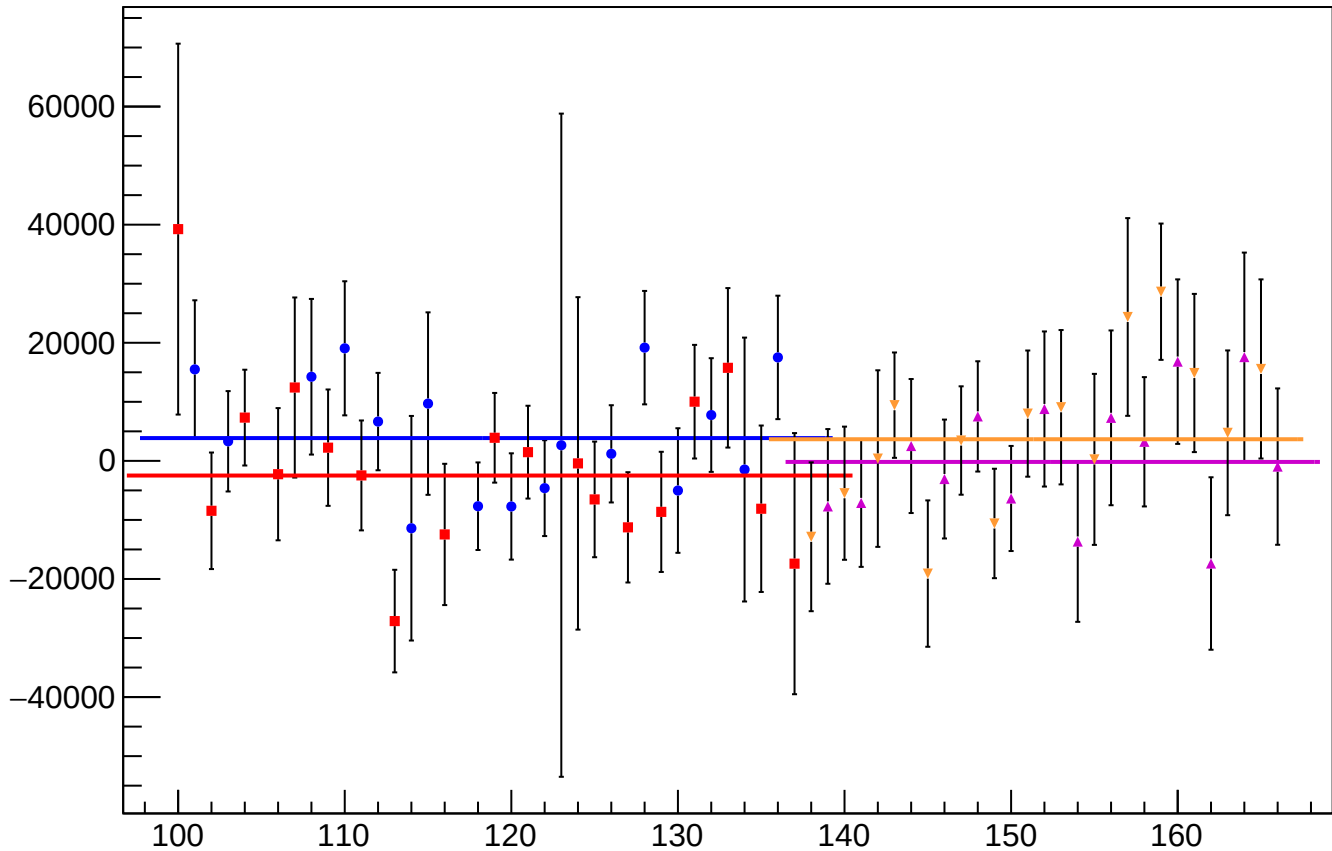
Left In: 9918.288+/-2.152 χ^2/NDF :603232.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3103.522+/-0.750 χ^2/NDF : 26818083.3/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



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

Left Out: 3663.234 $\pm$ 3060.760 χ^2 /NDF:16.5/14

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

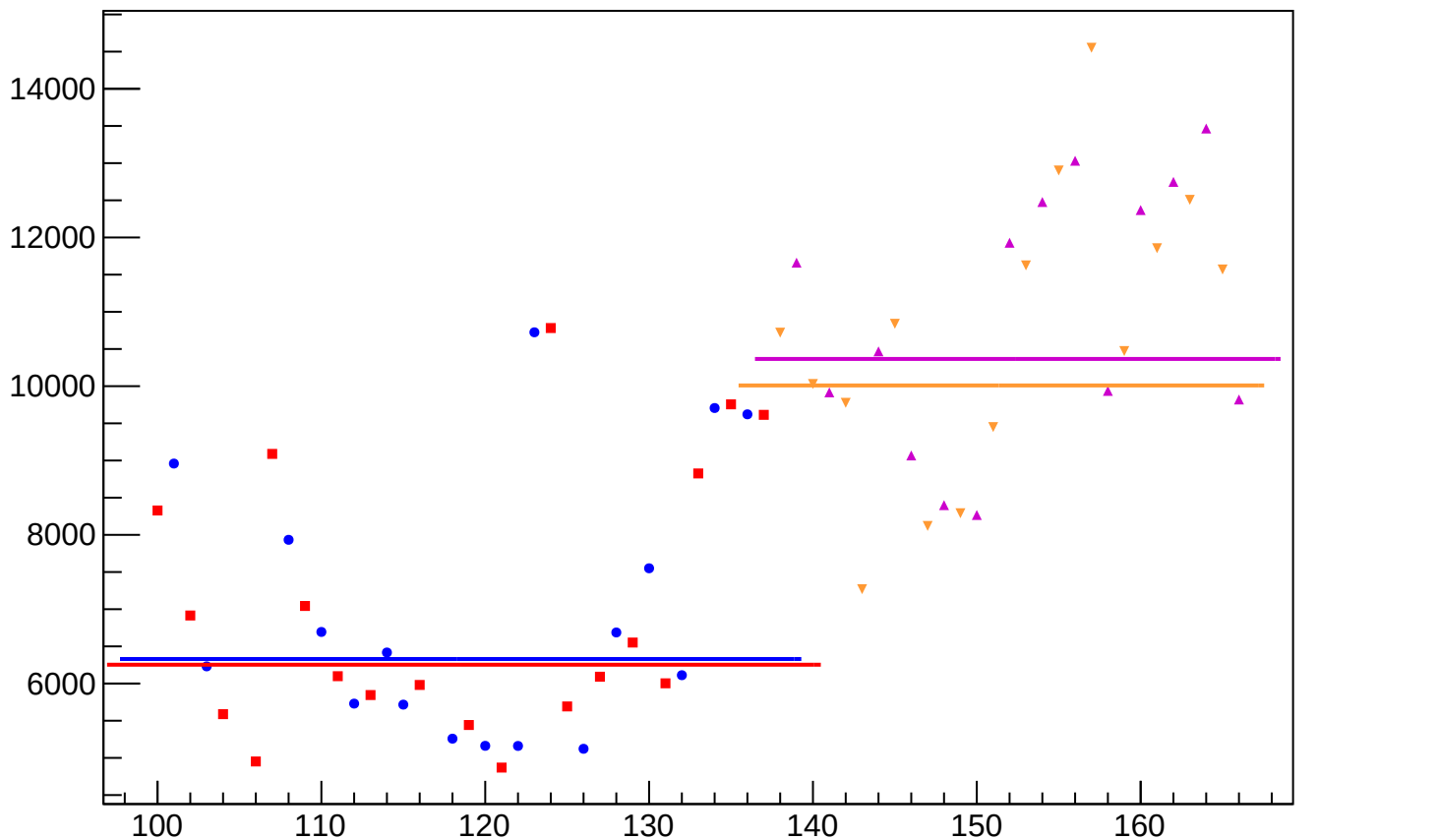
Left In: -177.947 $\pm$ 3179.179 χ^2 /NDF:7.7/13

+ sign 3780.848 $\pm$ 1940.284 χ^2 /NDF: 31.3/31

All: 1052.398 $\pm$ 1367.001 χ^2 /NDF: 63.3/64

- sign -1636.741 $\pm$ 1926.256 χ^2 /NDF: 28.1/32

asym_atl2_rms vs Slug



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

Left Out: 10009.731 ± 2.164 χ^2/NDF : 747512.5/14

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

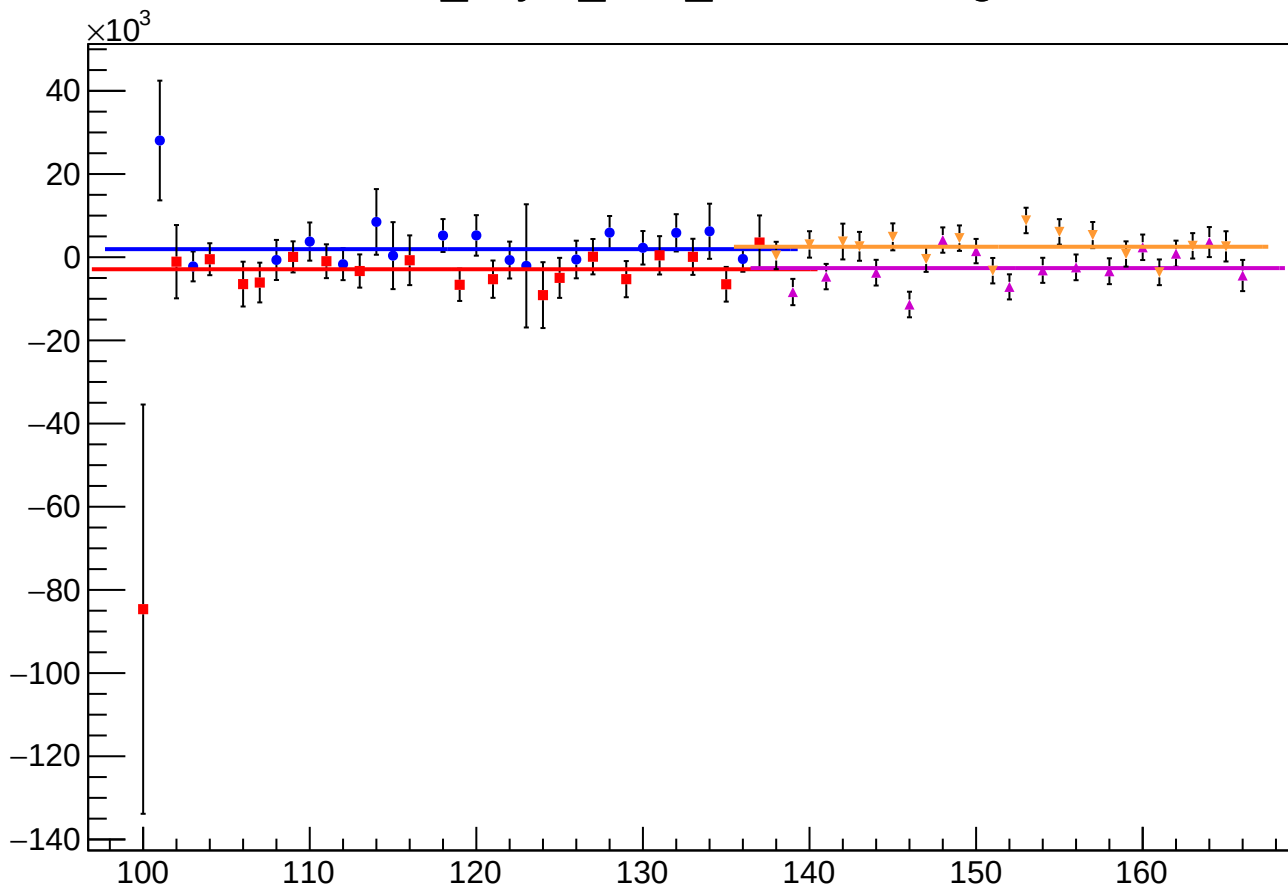
Left In: 10366.234 ± 2.248 χ^2/NDF : 560129.5/13

+ sign 7808.894 ± 1.372 χ^2/NDF : 3069694.2/31

All: 7785.848 ± 0.967 χ^2/NDF : 6284290.7/64

- sign 7763.136 ± 1.362 χ^2/NDF : 3214036.3/32

dit_asym_atr1_mean vs Slug



Right In: 1936.744+/-1128.266 χ^2/NDF : 11.3/16

Left Out: 2514.323+/-829.633 χ^2/NDF : 16.7/14

Right Out: -2896.594+/-1086.848 χ^2/NDF : 10.6/18

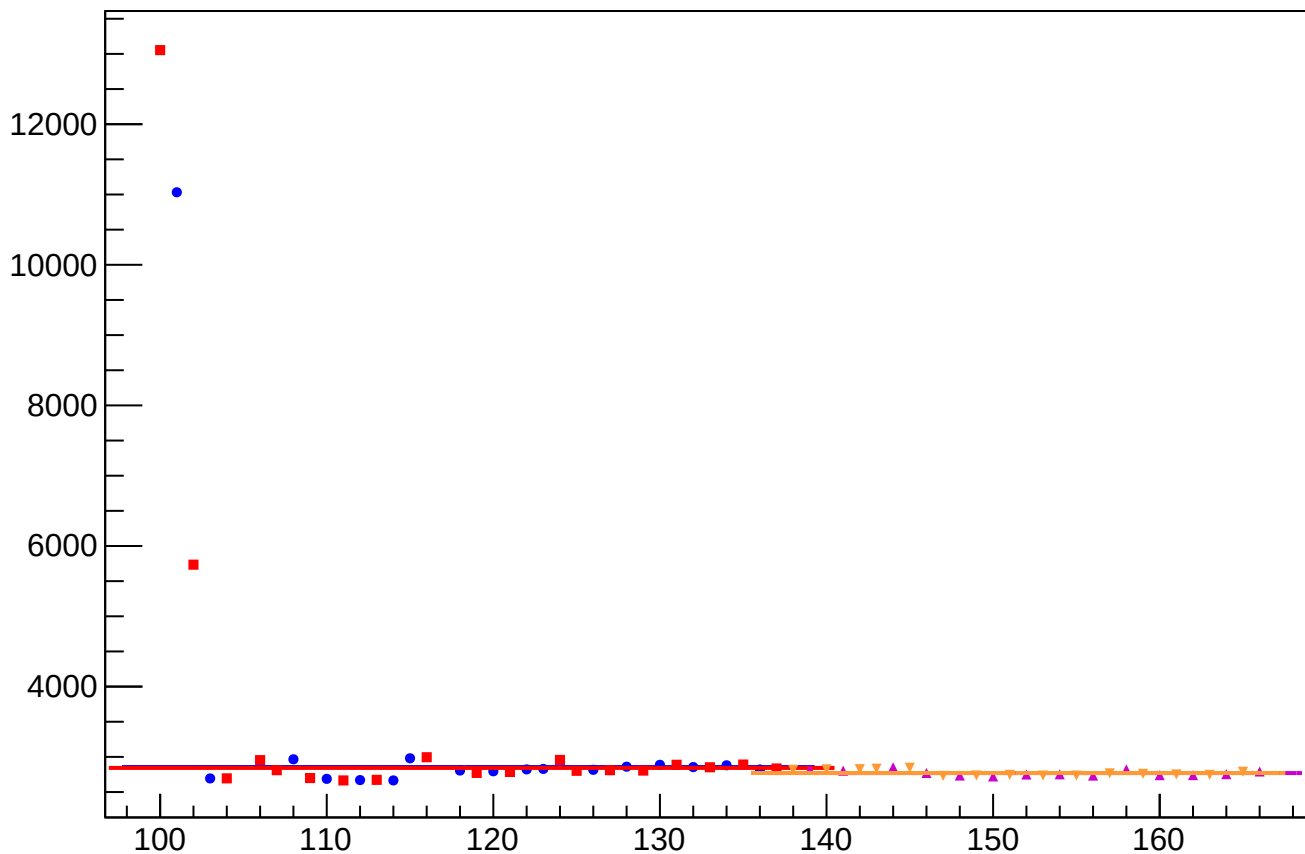
Left In: -2621.047+/-837.250 χ^2/NDF : 28.3/13

+ sign 2311.627+/-668.387 χ^2/NDF : 28.2/31

All: -225.382+/-470.800 χ^2/NDF : 95.7/64

- sign -2723.668+/-663.267 χ^2/NDF : 39.0/32

dit_asym_atr1_rms vs Slug



Right In: 2855.108+/-0.798 χ^2/NDF : 660906.0/16

Left Out: 2770.920+/-0.587 χ^2/NDF : 4582.2/14

Right Out: 2843.350+/-0.769 χ^2/NDF : 319301.9/18

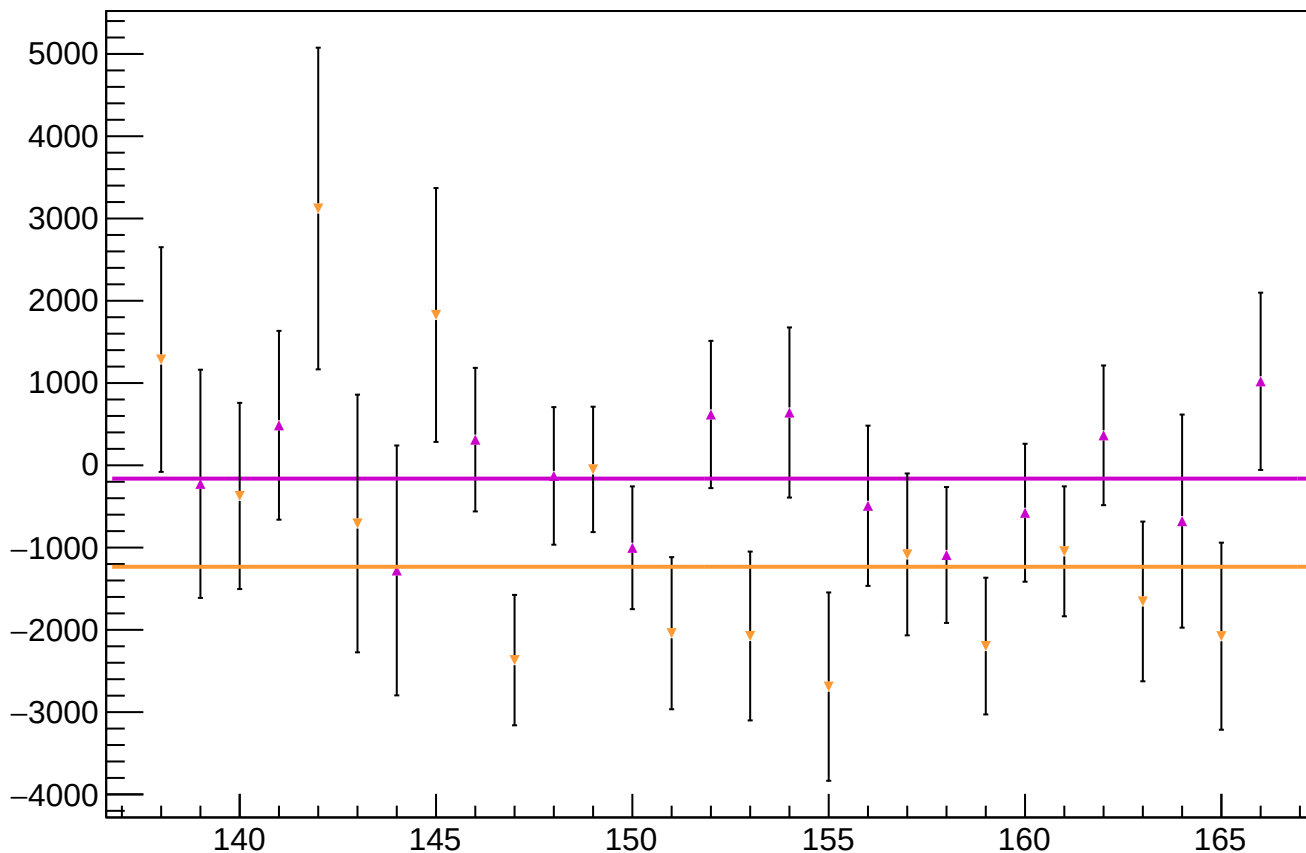
Left In: 2769.993+/-0.592 χ^2/NDF : 4463.5/13

+ sign 2800.465+/-0.473 χ^2/NDF : 672715.8/31

All: 2798.877+/-0.333 χ^2/NDF : 1002221.5/64

- sign 2797.313+/-0.469 χ^2/NDF : 329483.3/32

asym_atr1_correction_mean vs Slug



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

Left Out: -1233.454+/-262.407 χ^2/NDF : 22.7/14

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

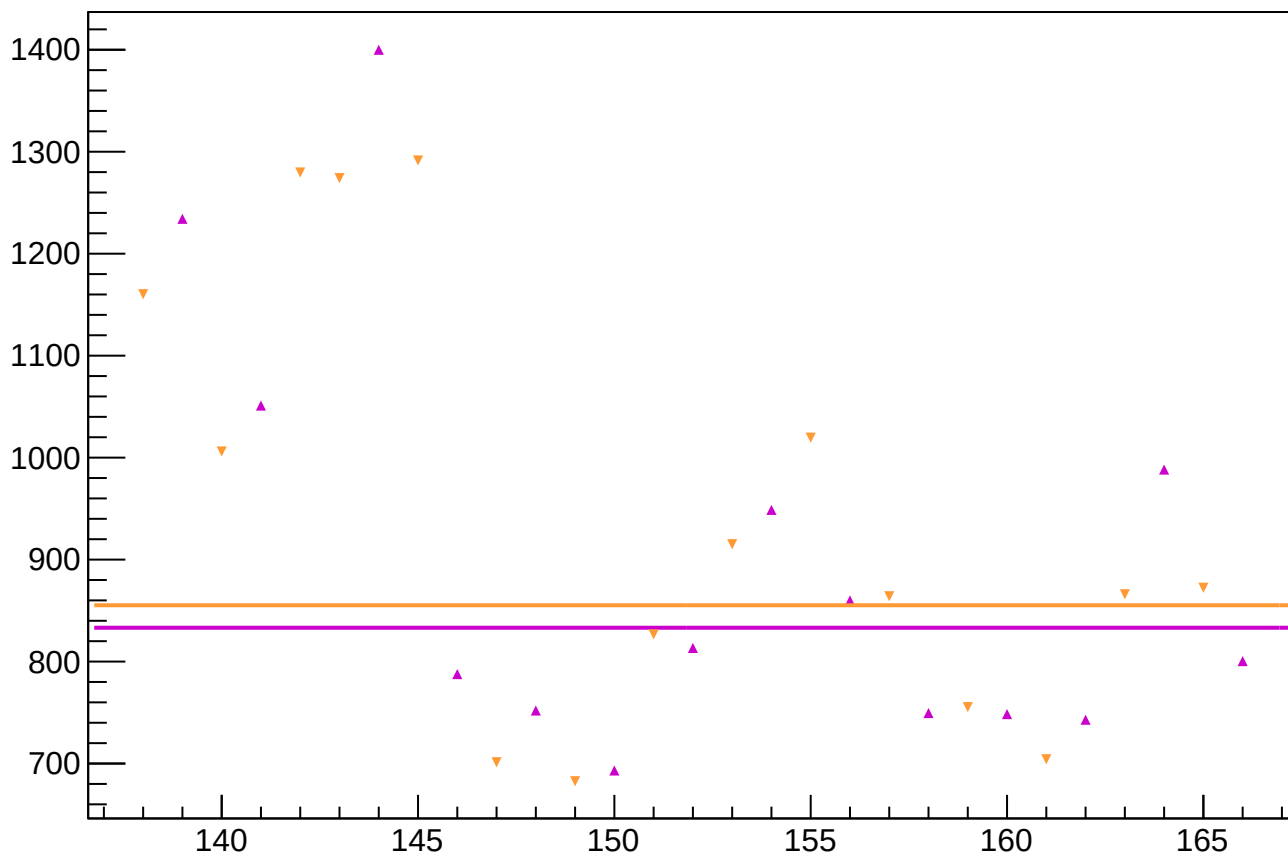
Left In: -161.617+/-256.276 χ^2/NDF : 7.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -684.869+/-183.344 χ^2/NDF : 38.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_correction_rms vs Slug



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

Left Out: 855.232+/-0.186 χ^2/NDF : 863330.7/14

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

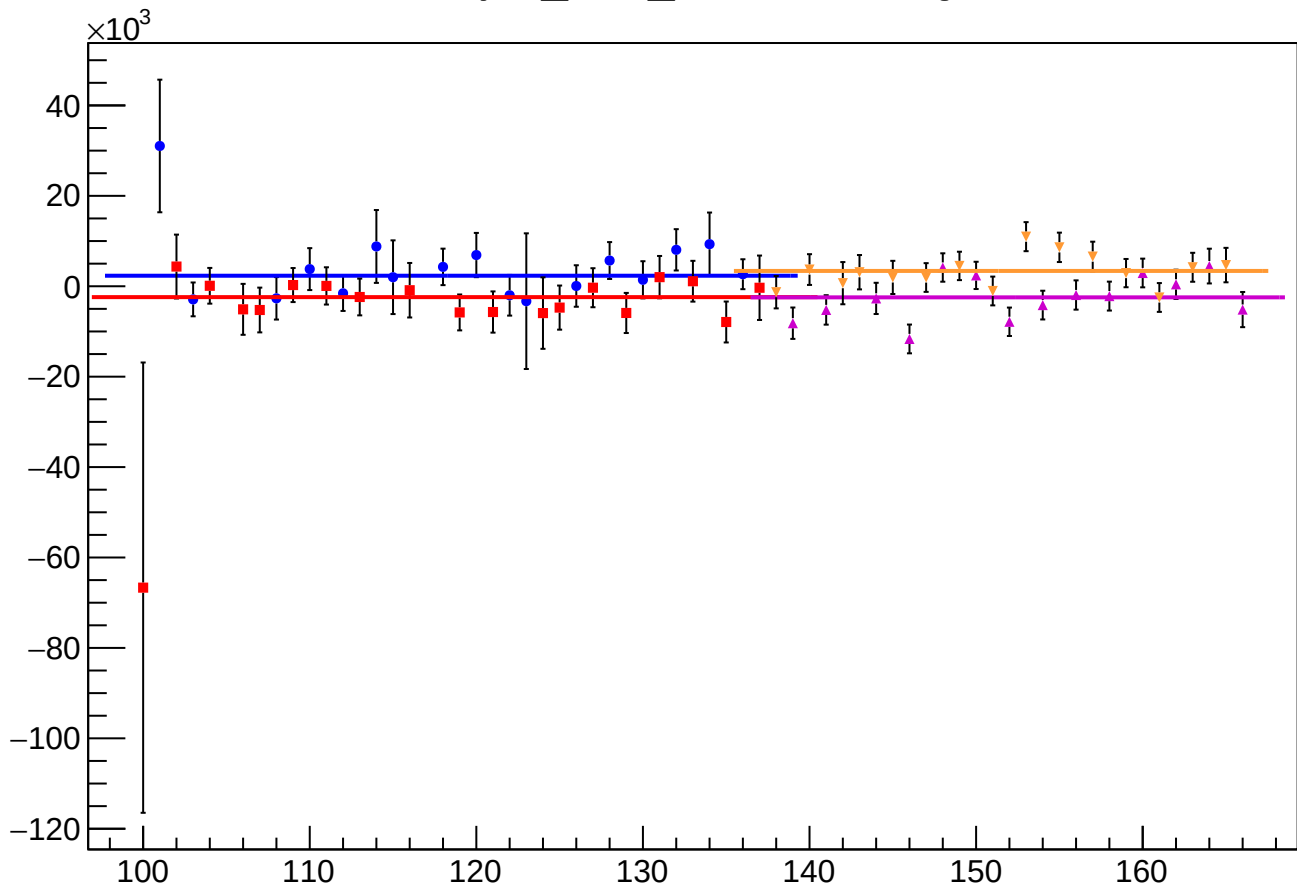
Left In: 833.181+/-0.181 χ^2/NDF : 734073.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.946+/-0.130 χ^2/NDF : 1604632.4/28

- 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: 3389.163 $\pm$ 875.839 χ^2 /NDF: 17.2/14

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

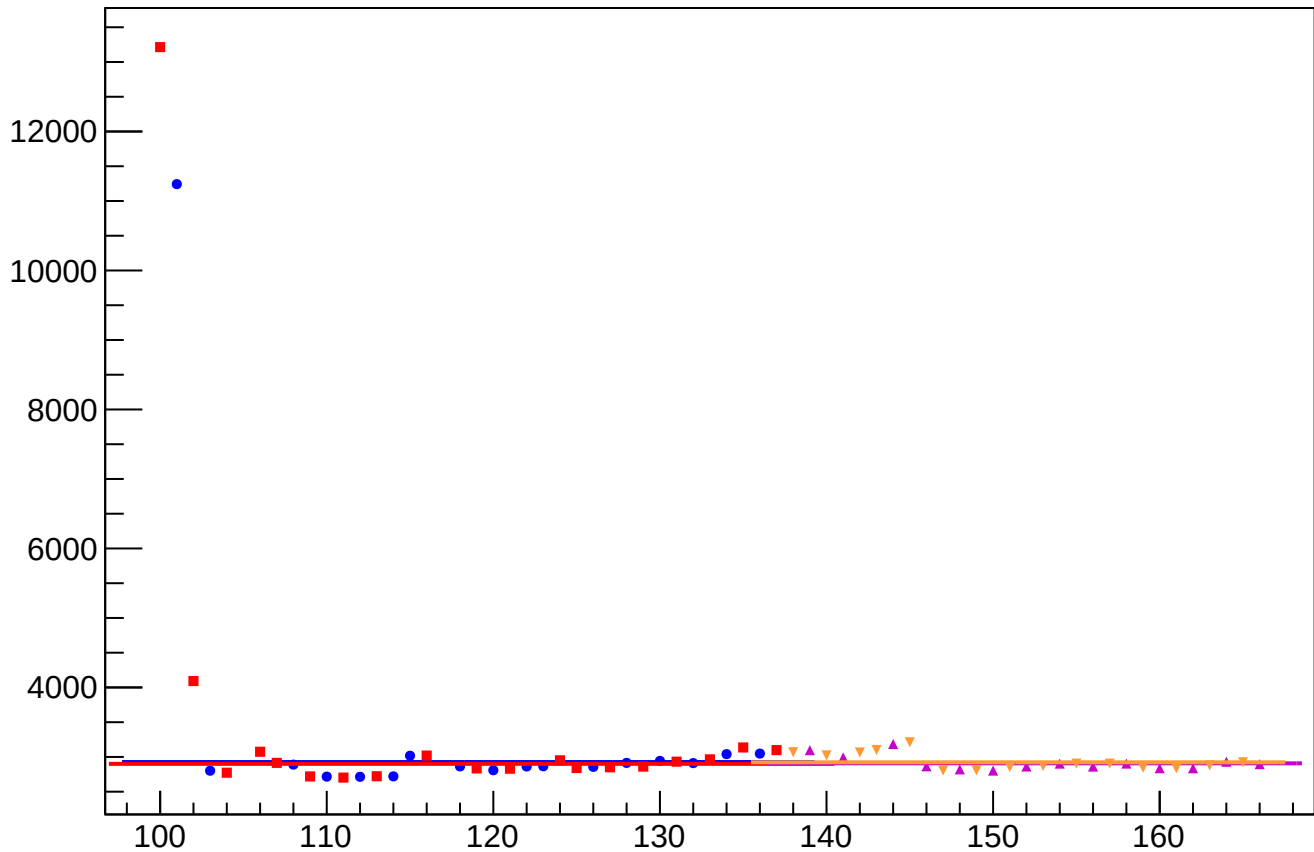
Left In: -2454.945 $\pm$ 879.483 χ^2 /NDF: 29.5/13

+ sign 3003.183 $\pm$ 698.223 χ^2 /NDF: 32.1/31

All: 249.237 $\pm$ 490.553 χ^2 /NDF: 102.4/64

- sign -2435.203 $\pm$ 689.356 χ^2 /NDF: 39.6/32

asym_atr1_rms vs Slug



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

Left Out: 2922.911 $\pm$ 0.619 χ^2 /NDF: 33890.5/14

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

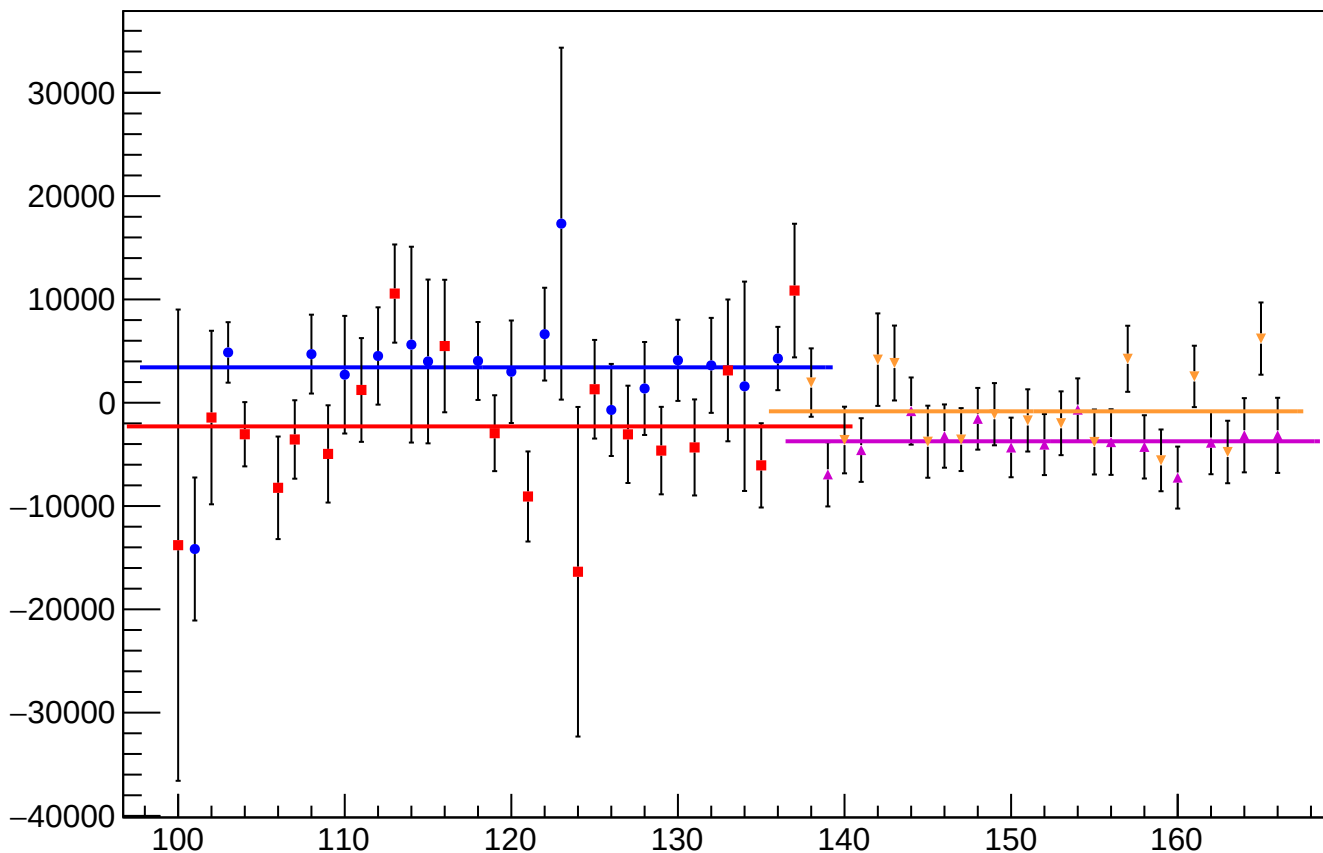
Left In: 2908.130 $\pm$ 0.622 χ^2 /NDF: 27428.0/13

+ sign 2924.259 $\pm$ 0.494 χ^2 /NDF: 696697.9/31

All: 2914.665 $\pm$ 0.347 χ^2 /NDF: 894791.3/64

- sign 2905.314 $\pm$ 0.487 χ^2 /NDF: 197347.8/32

dit_asym_atr2_mean vs Slug



Right In: 3426.396 ± 1117.275 χ^2/NDF : 9.4/16

Left Out: -832.326 ± 832.301 χ^2/NDF : 19.1/14

Right Out: -2290.985 ± 1111.370 χ^2/NDF : 21.4/18

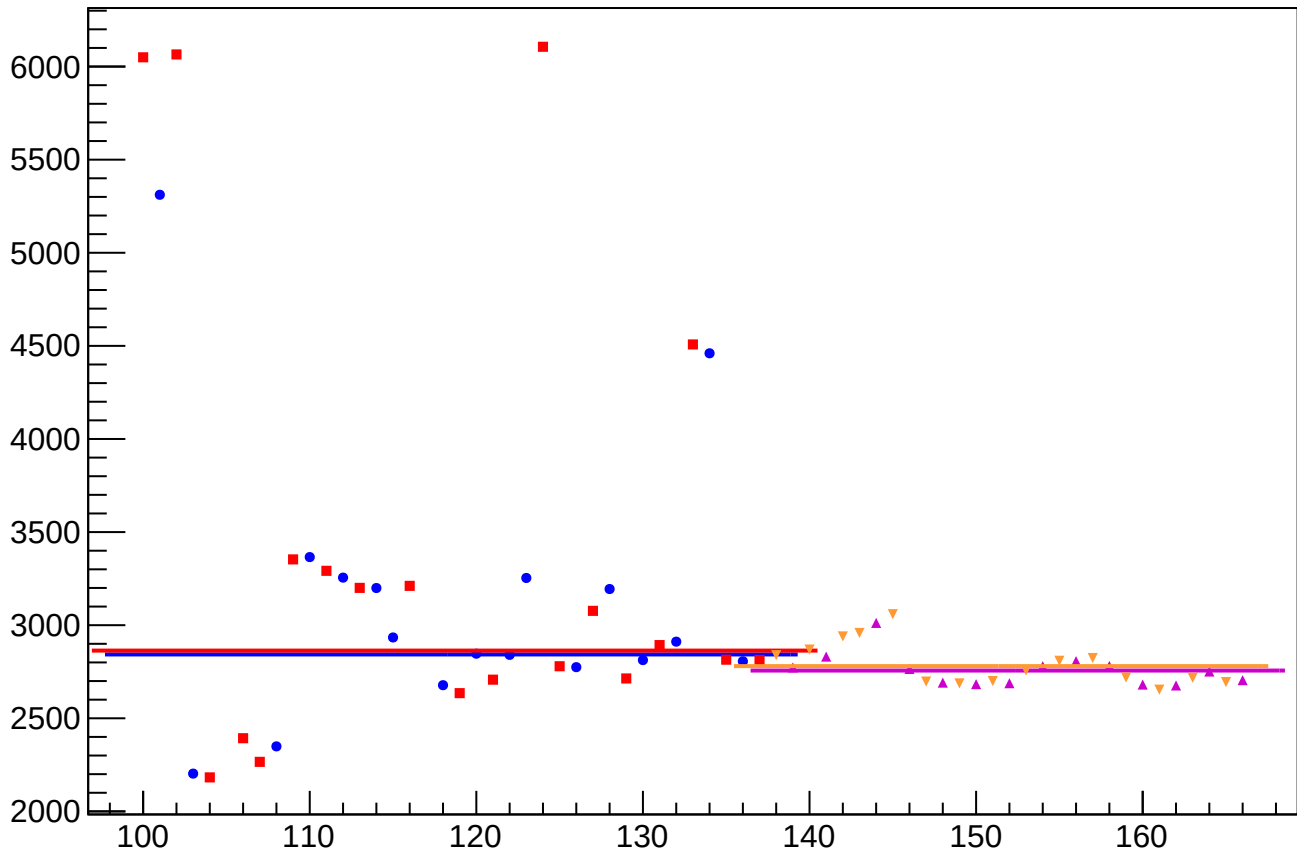
Left In: -3732.790 ± 832.330 χ^2/NDF : 5.0/13

+ sign 687.551 ± 667.459 χ^2/NDF : 37.8/31

All: -1267.232 ± 471.522 χ^2/NDF : 82.4/64

- sign -3214.695 ± 666.208 χ^2/NDF : 27.5/32

dit_asym_atr2_rms vs Slug



Right In: 2842.874+/-0.790 χ^2/NDF : 488114.5/16

Left Out: 2780.212+/-0.589 χ^2/NDF : 34241.2/14

Right Out: 2863.592+/-0.786 χ^2/NDF : 760763.4/18

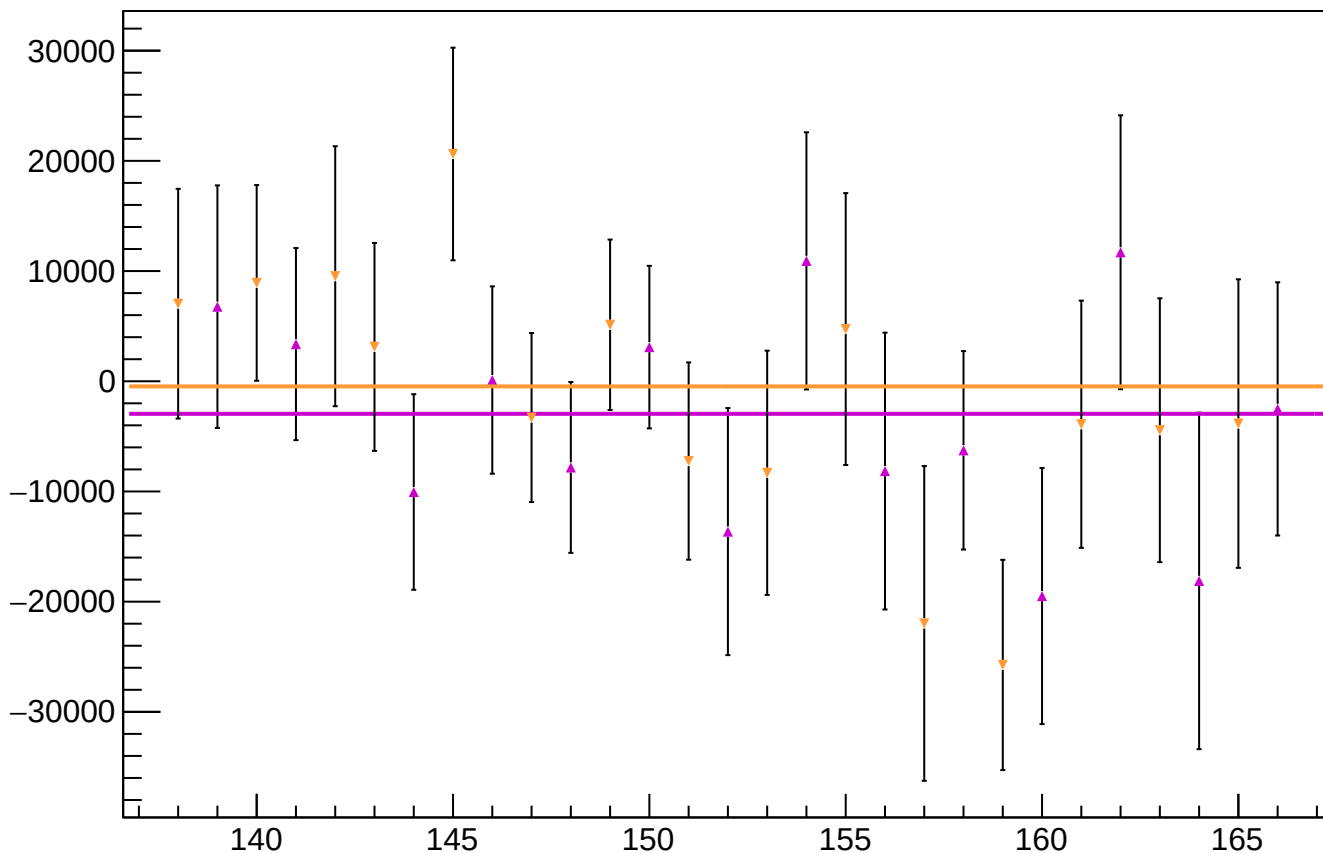
Left In: 2756.372+/-0.589 χ^2/NDF : 20719.7/13

+ sign 2802.575+/-0.472 χ^2/NDF : 526401.4/31

All: 2798.740+/-0.333 χ^2/NDF : 1319948.5/64

- sign 2794.920+/-0.471 χ^2/NDF : 793415.2/32

asym_atr2_correction_mean vs Slug



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

Left Out: -466.339+/-2593.877 χ^2/NDF :18.7/14

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

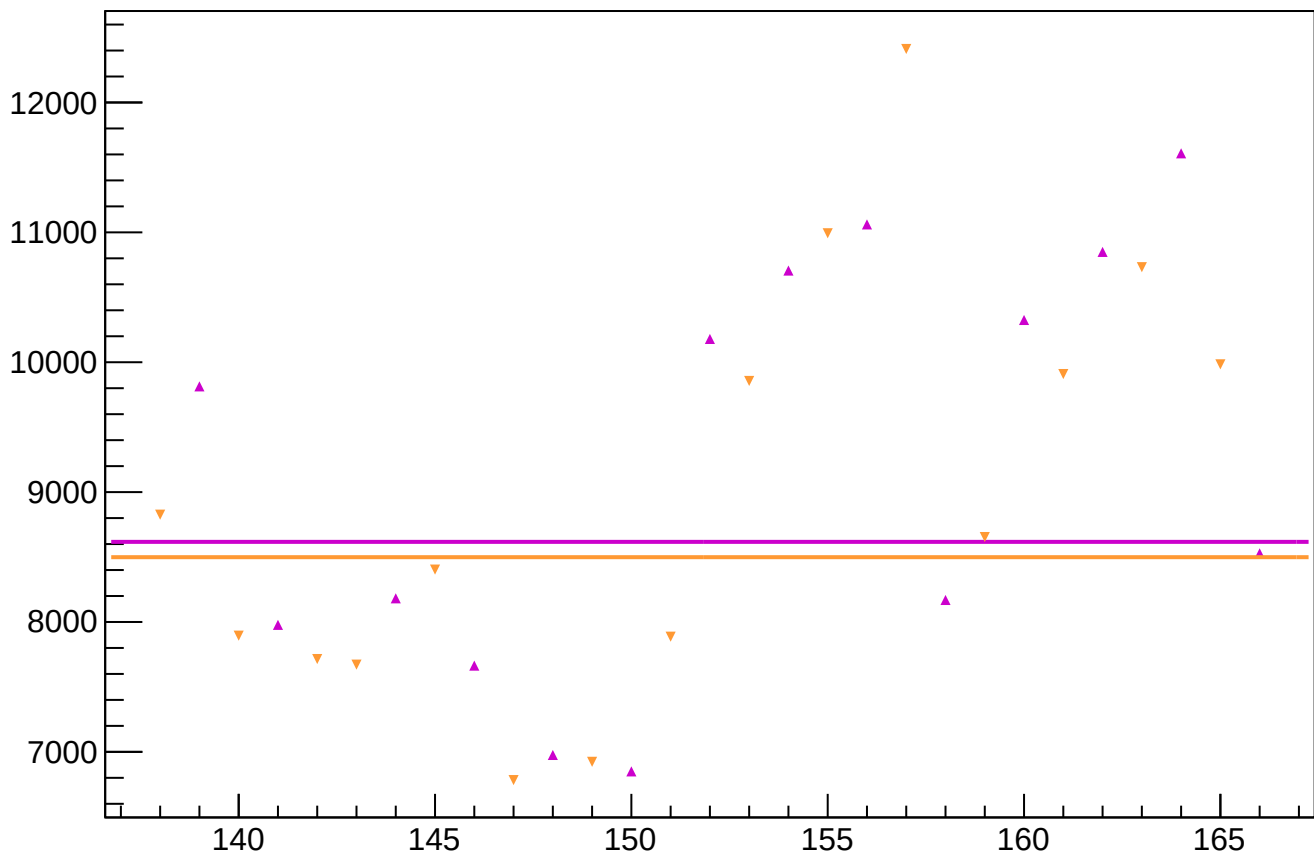
Left In: -2953.767+/-2647.095 χ^2/NDF :10.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1684.798+/-1852.677 χ^2/NDF : 29.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_correction_rms vs Slug



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

Left Out: 8498.890+/-1.834 χ^2/NDF : 617577.9/14

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

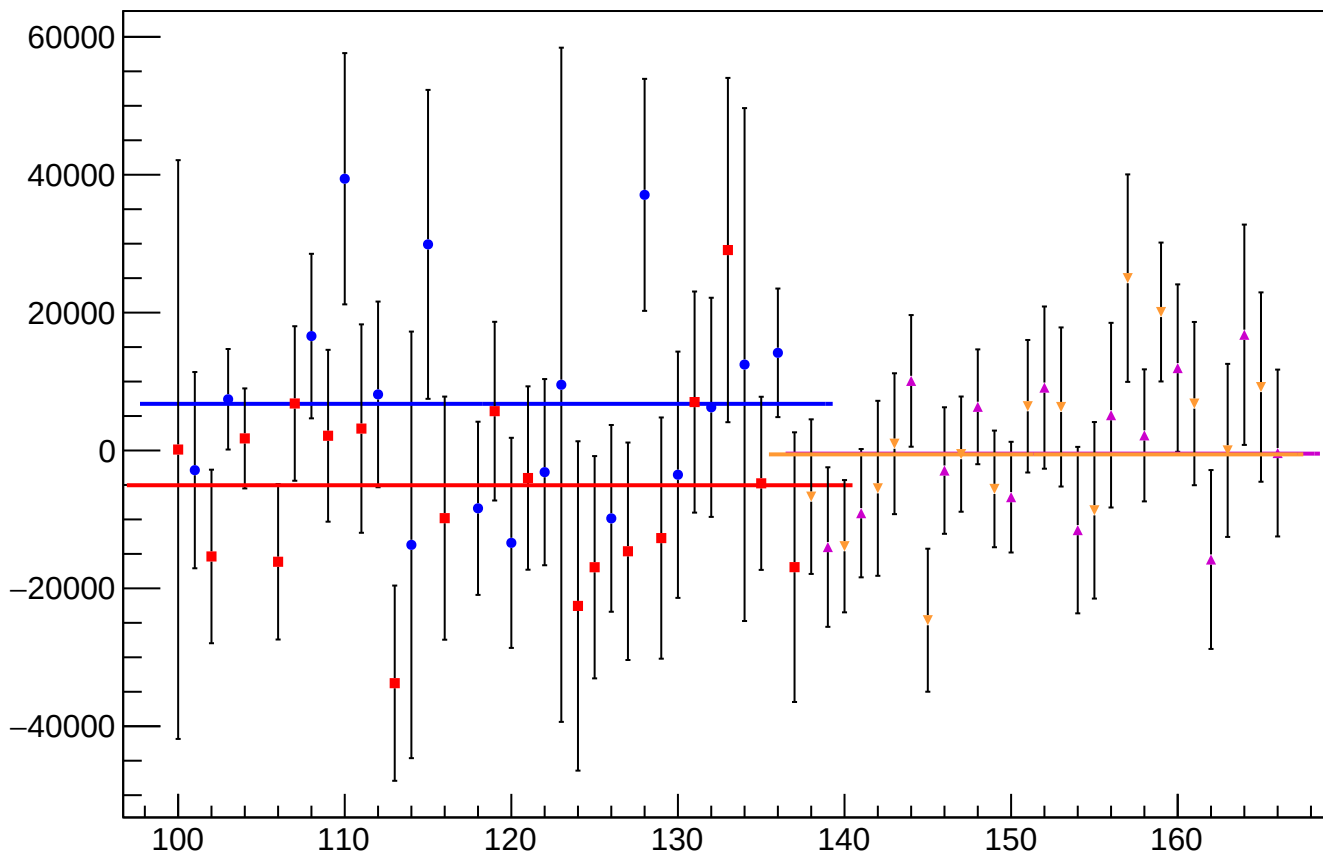
Left In: 8616.913+/-1.872 χ^2/NDF : 637170.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8556.703+/-1.310 χ^2/NDF : 1256776.9/28

- 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: -565.180 $\pm$ 2777.104 χ^2 /NDF:17.4/14

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

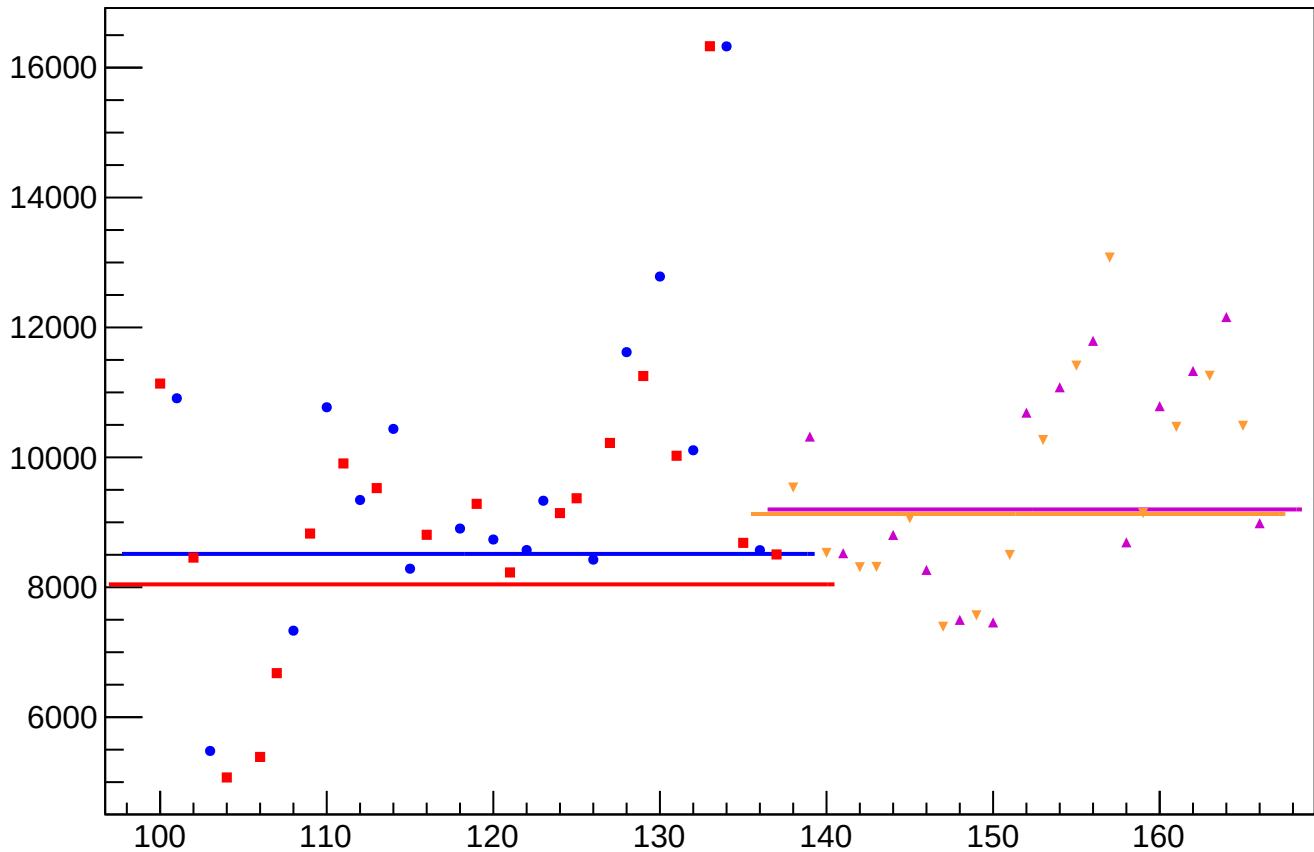
Left In: -456.857 $\pm$ 2819.397 χ^2 /NDF:10.2/13

+ sign 2382.492 $\pm$ 2147.554 χ^2 /NDF: 35.5/31

All: -97.974 $\pm$ 1503.646 χ^2 /NDF: 63.1/64

- sign -2483.397 $\pm$ 2106.009 χ^2 /NDF: 24.9/32

asym_atr2_rms vs Slug



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

Left Out: 9128.456+/-1.964 χ^2/NDF : 517876.8/14

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

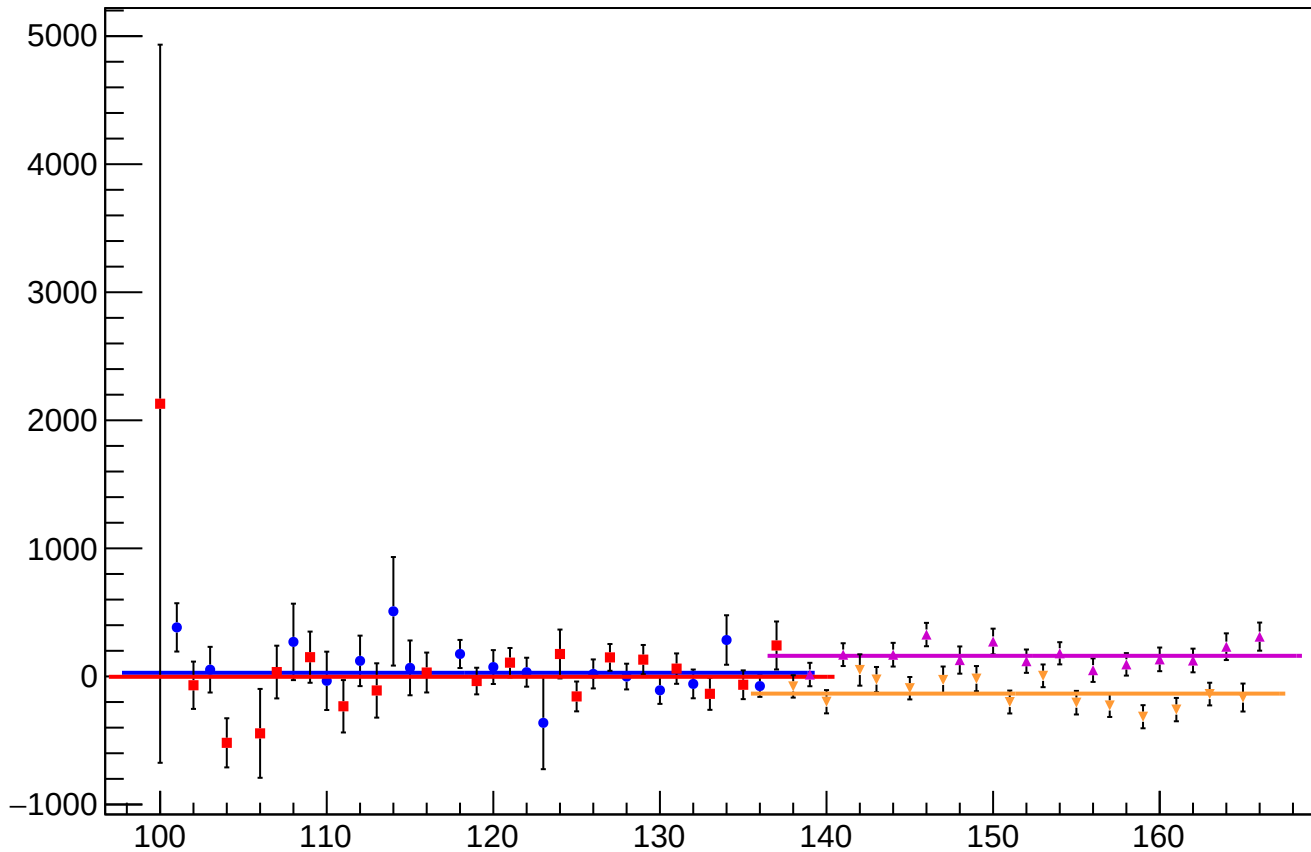
Left In: 9198.055+/-1.994 χ^2/NDF : 549337.6/13

+ sign 8881.312+/-1.519 χ^2/NDF : 1319893.6/31

All: 8782.884+/-1.063 χ^2/NDF : 2977723.7/64

- sign 8688.230+/-1.489 χ^2/NDF : 1649588.7/32

dit_asym_sam1_mean vs Slug



Right In: 28.303+/-33.679 χ^2/NDF : 14.5/16

Left Out: -134.260+/-24.286 χ^2/NDF :17.7/14

Right Out: -2.963+/-33.691 χ^2/NDF : 22.3/18

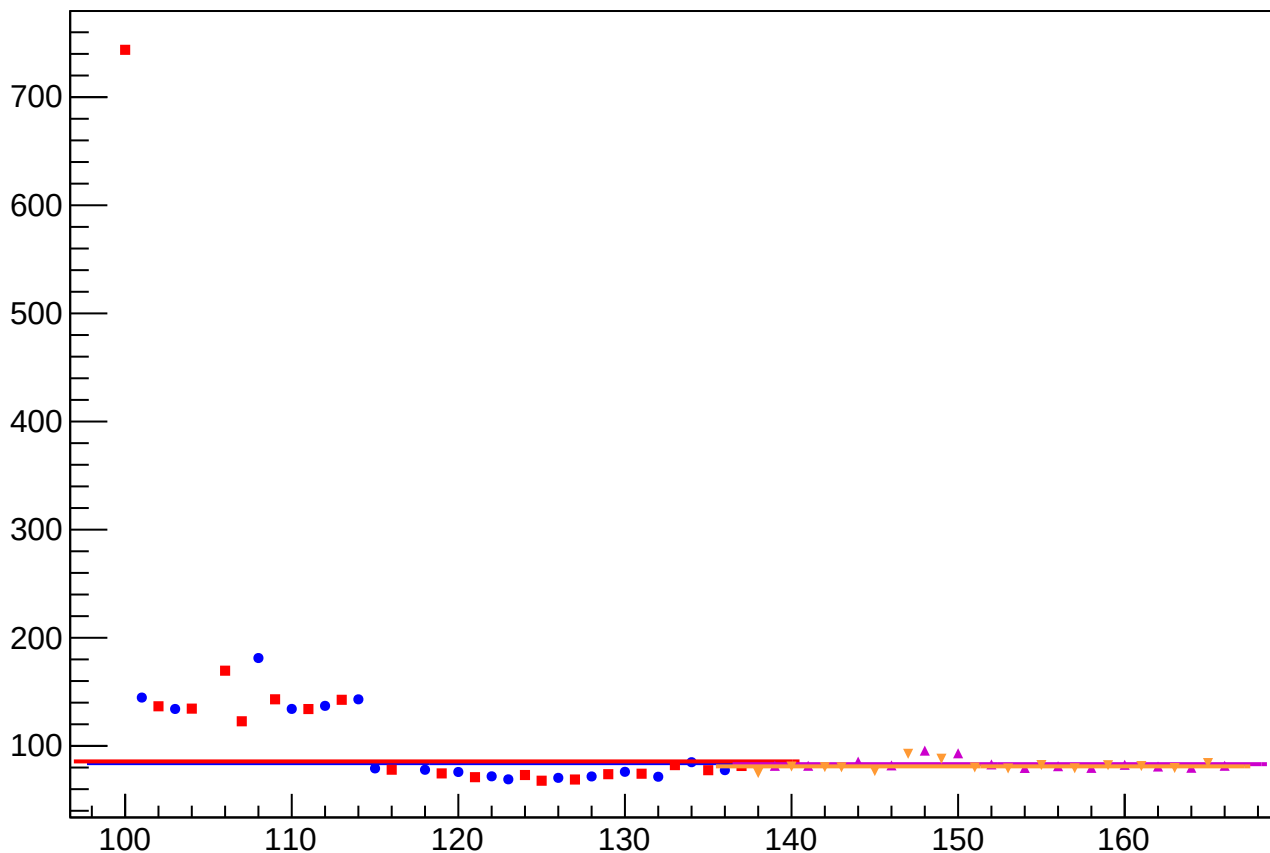
Left In: 160.886+/-25.146 χ^2/NDF :12.1/13

+ sign -78.646+/-19.699 χ^2/NDF : 47.5/31

All: 9.752+/-14.087 χ^2/NDF : 138.3/64

- sign 102.265+/-20.152 χ^2/NDF : 49.6/32

dit_asym_sam1_rms vs Slug



Right In: 84.067 $\pm$ 0.024 χ^2 /NDF: 1005835.5/16

Left Out: 81.090 $\pm$ 0.017 χ^2 /NDF: 54734.0/14

Right Out: 85.667 $\pm$ 0.024 χ^2 /NDF: 1215221.9/18

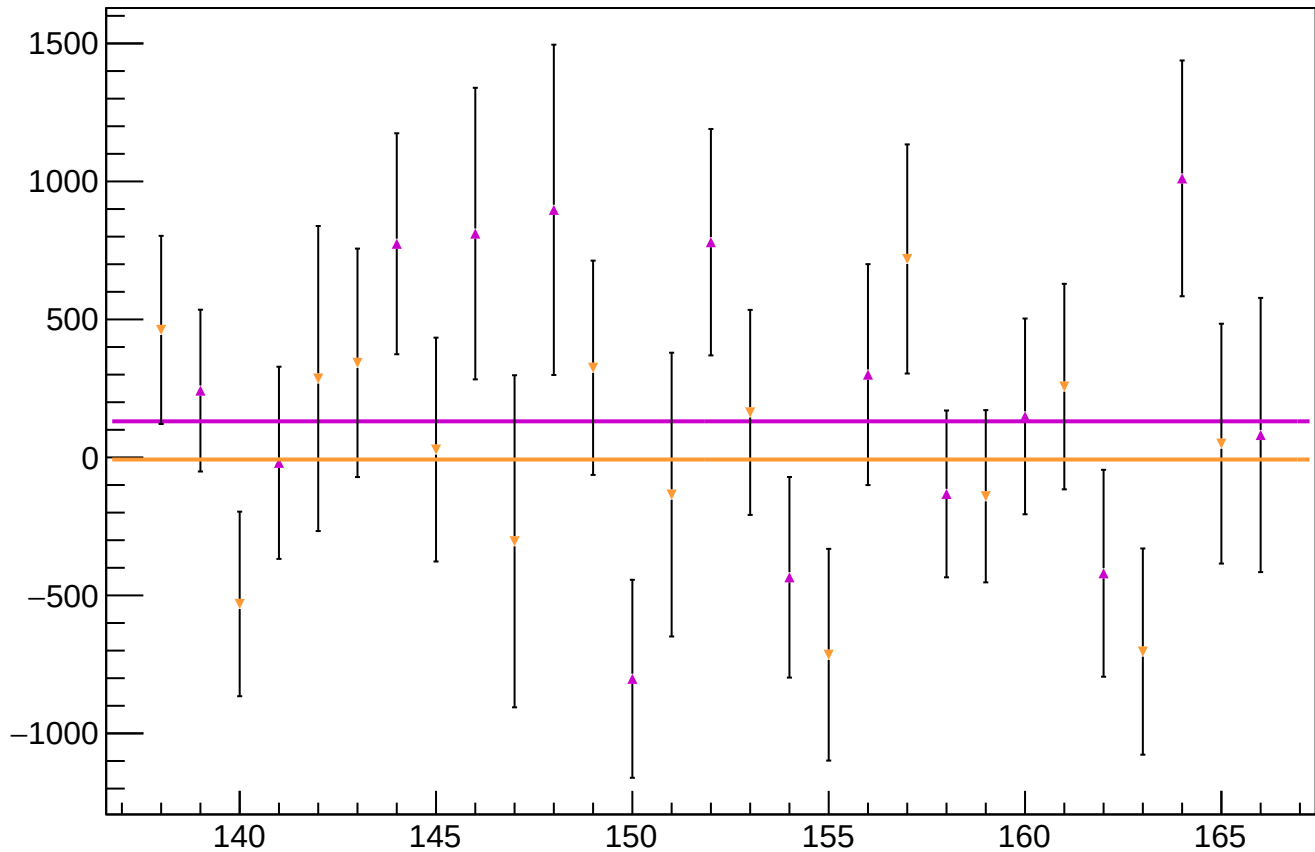
Left In: 83.110 $\pm$ 0.018 χ^2 /NDF: 61344.9/13

+ sign 82.108 $\pm$ 0.014 χ^2 /NDF: 1070852.6/31

All: 83.045 $\pm$ 0.010 χ^2 /NDF: 2364066.7/64

- sign 84.025 $\pm$ 0.014 χ^2 /NDF: 1283961.1/32

asym_sam1_correction_mean vs Slug



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

Left Out: -7.621+/-102.220 χ^2/NDF : 17.2/14

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

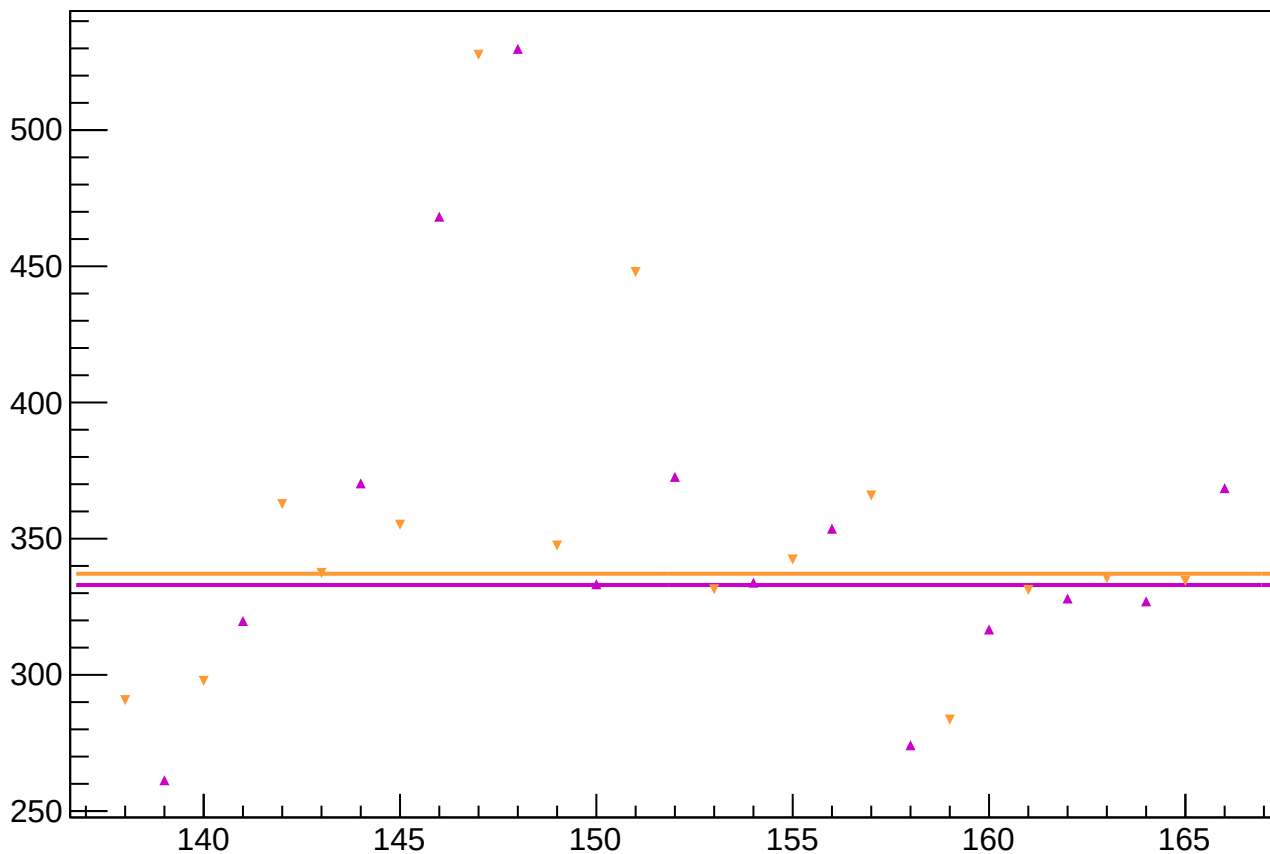
Left In: 130.768+/-102.294 χ^2/NDF : 25.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.523+/-72.307 χ^2/NDF : 43.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug



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

Left Out: 337.127+/-0.072 χ^2/NDF : 437652.0/14

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

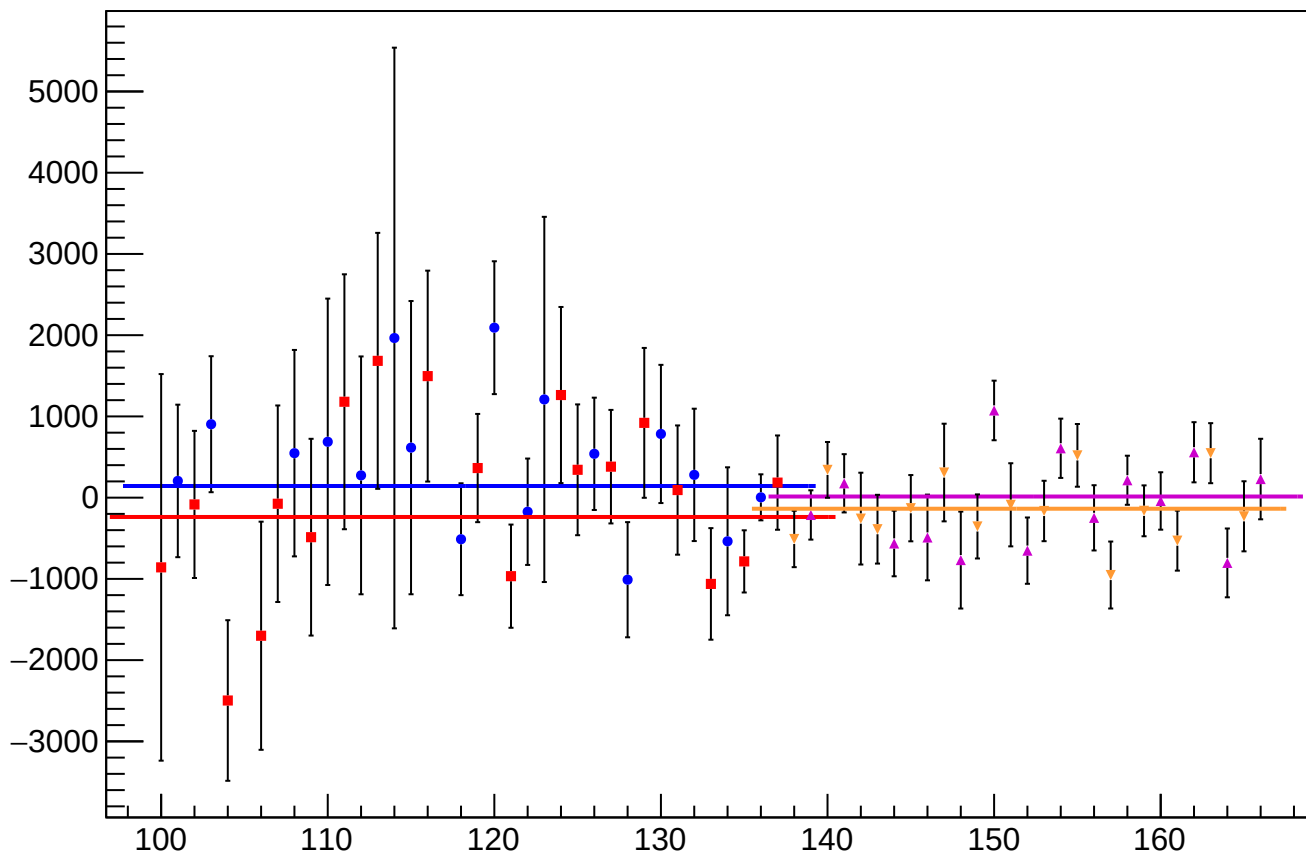
Left In: 332.998+/-0.072 χ^2/NDF : 602332.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.064+/-0.051 χ^2/NDF : 1041614.6/28

- 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: -136.331 ± 102.816 χ^2/NDF : 15.8/14

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

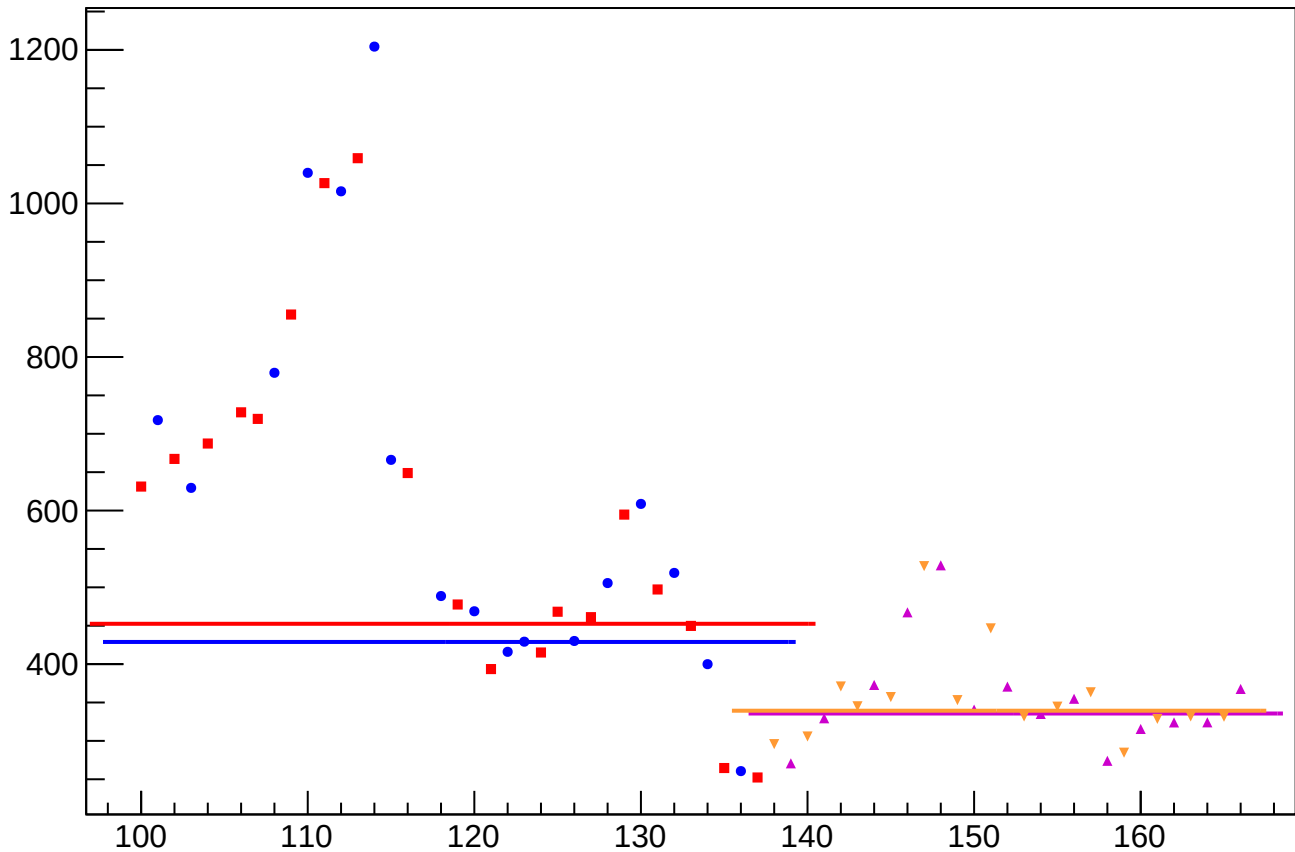
Left In: 14.060 ± 103.025 χ^2/NDF : 26.1/13

+ sign -67.052 ± 89.185 χ^2/NDF : 30.4/31

All: -56.640 ± 63.312 χ^2/NDF : 79.6/64

- sign -46.062 ± 89.893 χ^2/NDF : 49.2/32

asym_sam1_rms vs Slug



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

Left Out: 339.295+/-0.073 χ^2/NDF : 419801.6/14

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

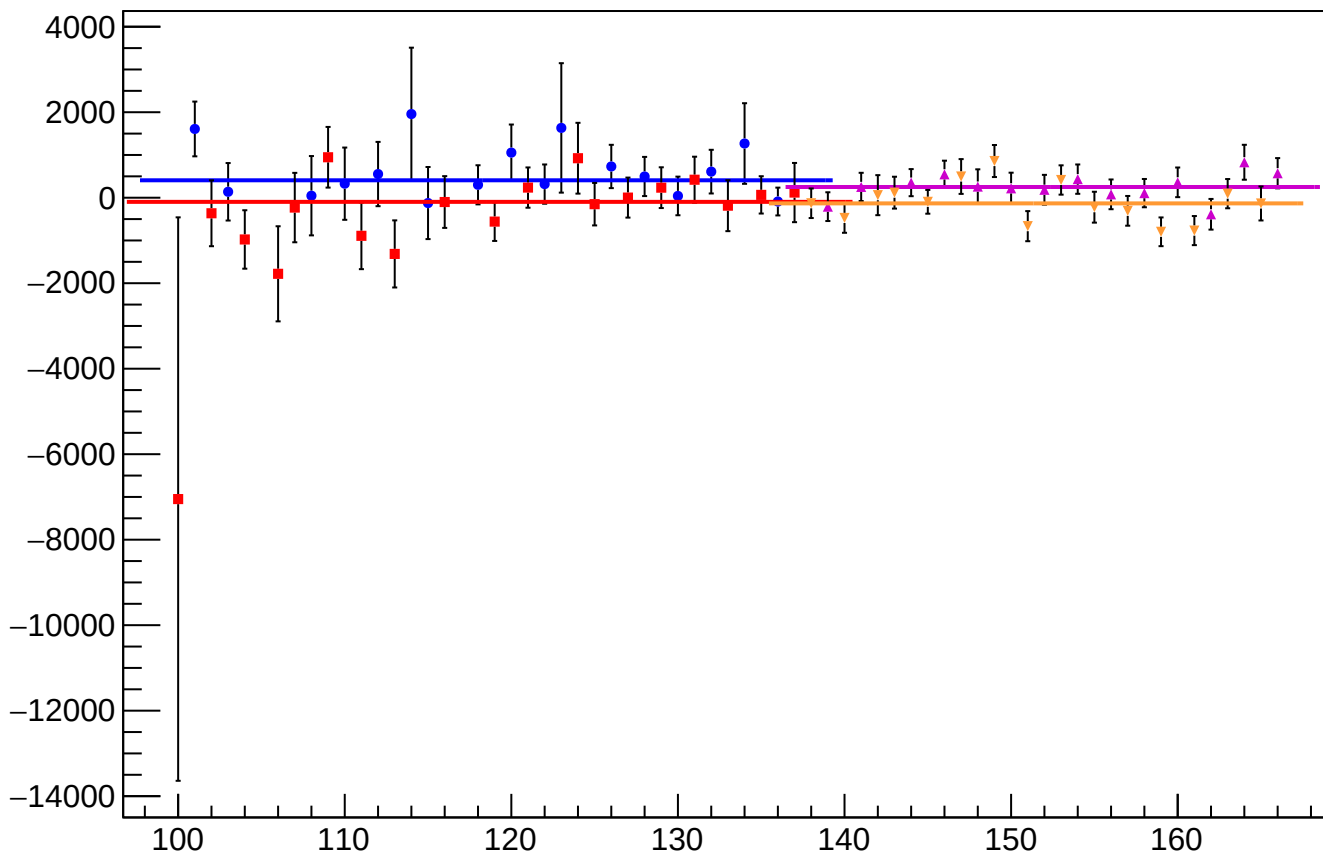
Left In: 335.654+/-0.073 χ^2/NDF : 564201.9/13

+ sign 361.469+/-0.063 χ^2/NDF : 2807851.9/31

All: 362.501+/-0.045 χ^2/NDF : 6026066.6/64

- sign 363.548+/-0.064 χ^2/NDF : 3217675.6/32

dit_asym_sam2_mean vs Slug



Right In: 407.640+/-139.972 χ^2/NDF : 11.4/16

Left Out: -132.652+/-91.509 χ^2/NDF : 24.0/14

Right Out: -96.852+/-139.191 χ^2/NDF : 15.6/18

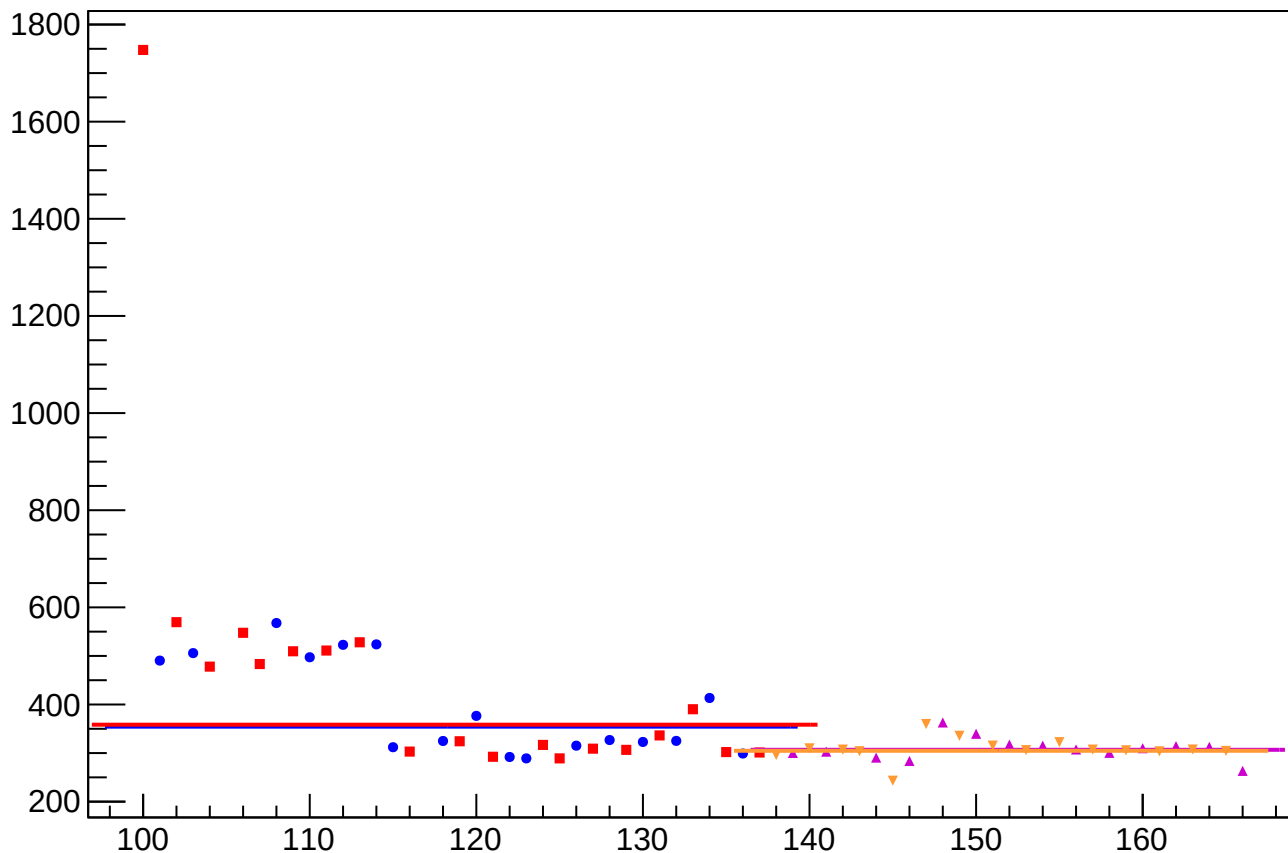
Left In: 250.767+/-93.013 χ^2/NDF : 9.7/13

+ sign 29.129+/-76.593 χ^2/NDF : 45.8/31

All: 85.742+/-54.420 χ^2/NDF : 76.5/64

- sign 143.458+/-77.335 χ^2/NDF : 29.6/32

dit_asym_sam2_rms vs Slug



Right In: 354.426+/-0.099 χ^2/NDF : 636260.3/16

Left Out: 304.731+/-0.065 χ^2/NDF : 157446.2/14

Right Out: 358.422+/-0.098 χ^2/NDF : 879426.8/18

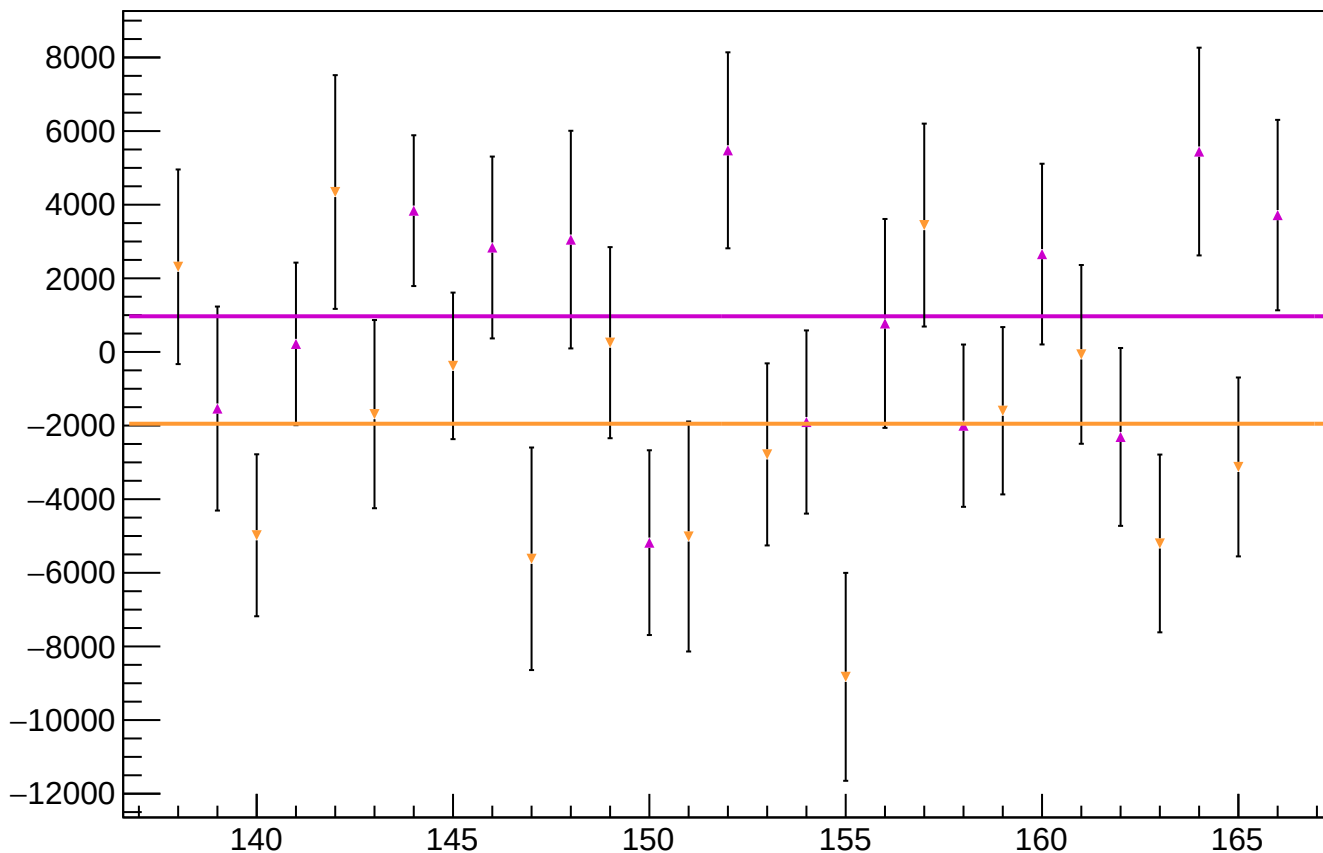
Left In: 306.737+/-0.066 χ^2/NDF : 107044.0/13

+ sign 319.611+/-0.054 χ^2/NDF : 970321.9/31

All: 321.137+/-0.038 χ^2/NDF : 2149027.9/64

- sign 322.692+/-0.055 χ^2/NDF : 1177103.4/32

asym_sam2_correction_mean vs Slug



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

Left Out: -1950.046+/-653.828 χ^2/NDF :24.8/14

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

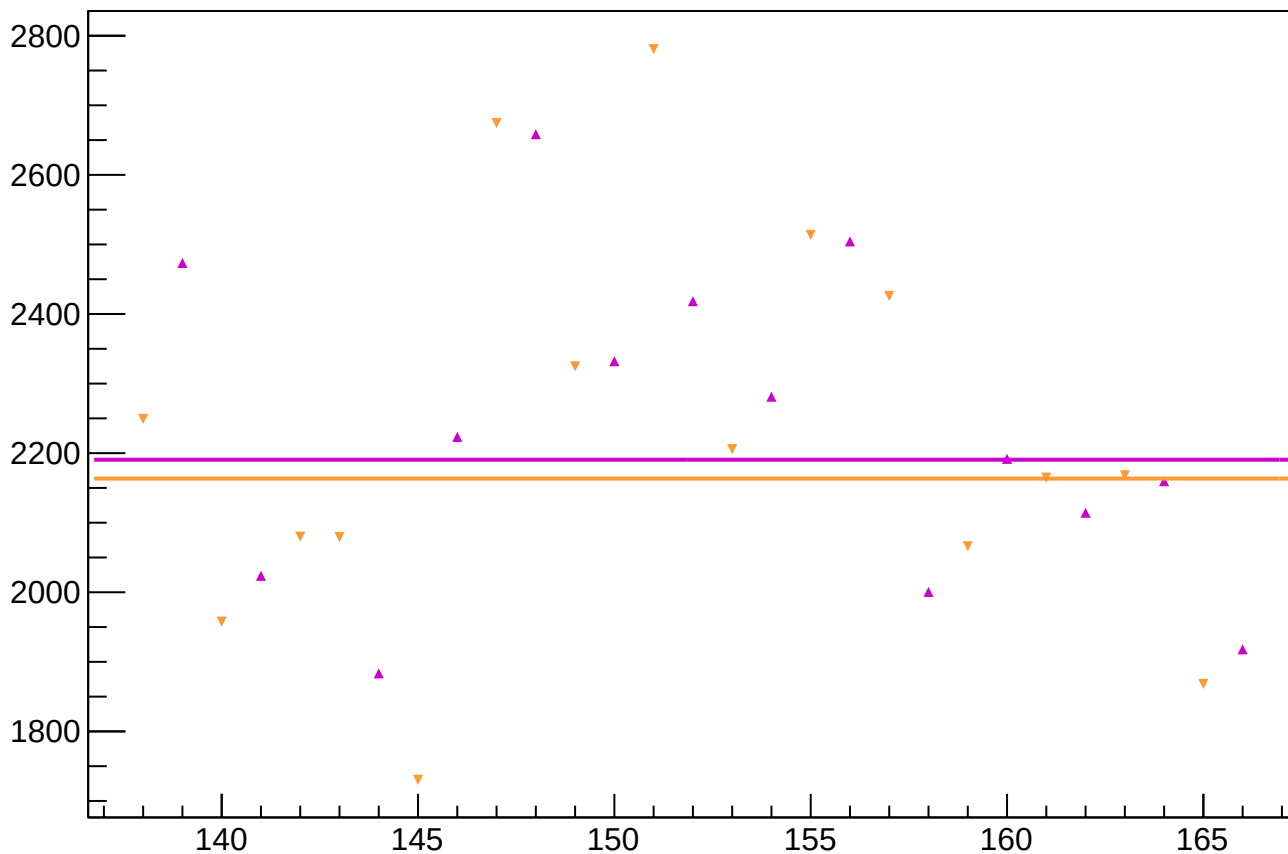
Left In: 968.979+/-665.821 χ^2/NDF :21.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -517.060+/-466.509 χ^2/NDF : 56.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_correction_rms vs Slug



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

Left Out: 2163.442+/-0.462 χ^2/NDF : 343411.3/14

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

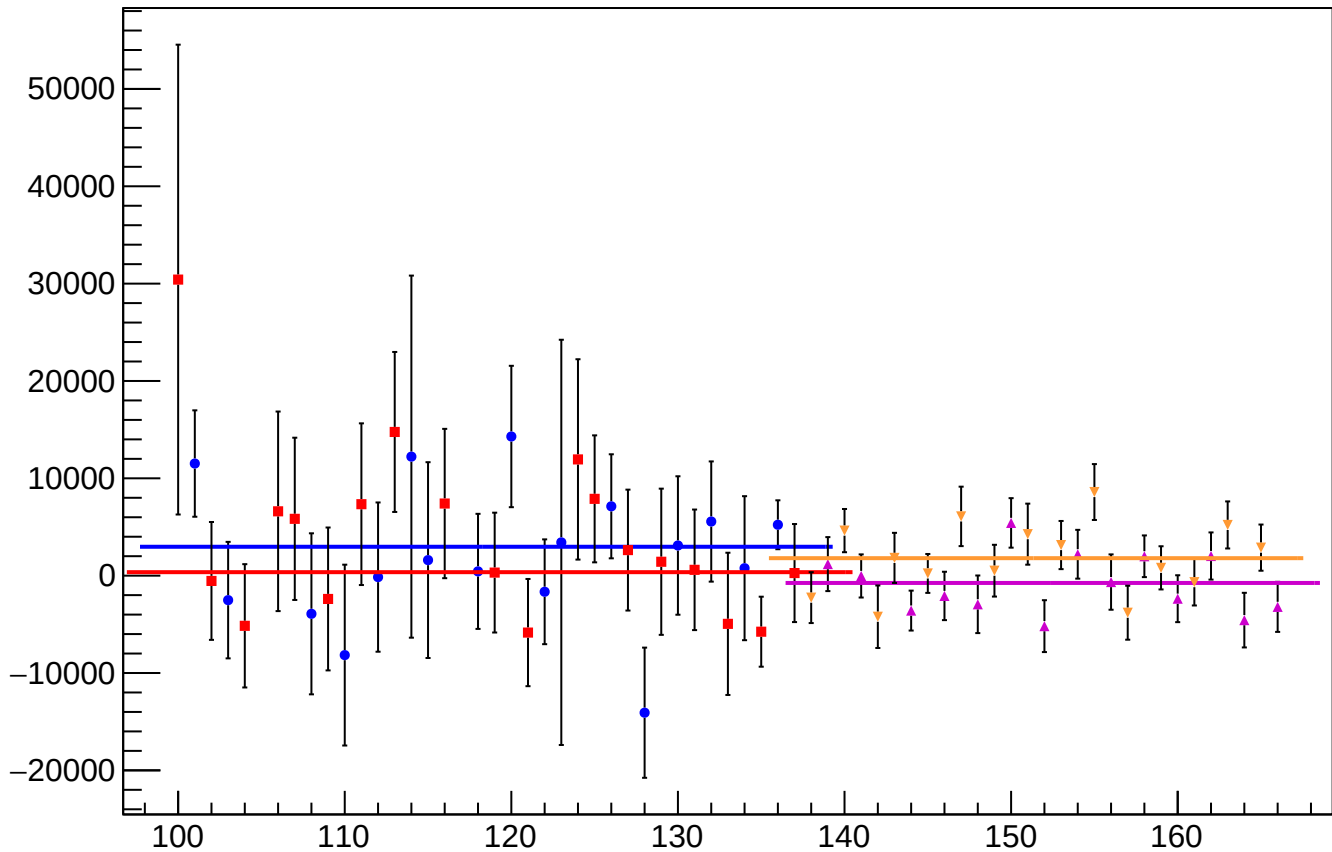
Left In: 2190.565+/-0.471 χ^2/NDF : 215138.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2176.757+/-0.330 χ^2/NDF : 560239.3/28

- 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: 1796.437 $\pm$ 653.824 χ^2 /NDF:24.4/14

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

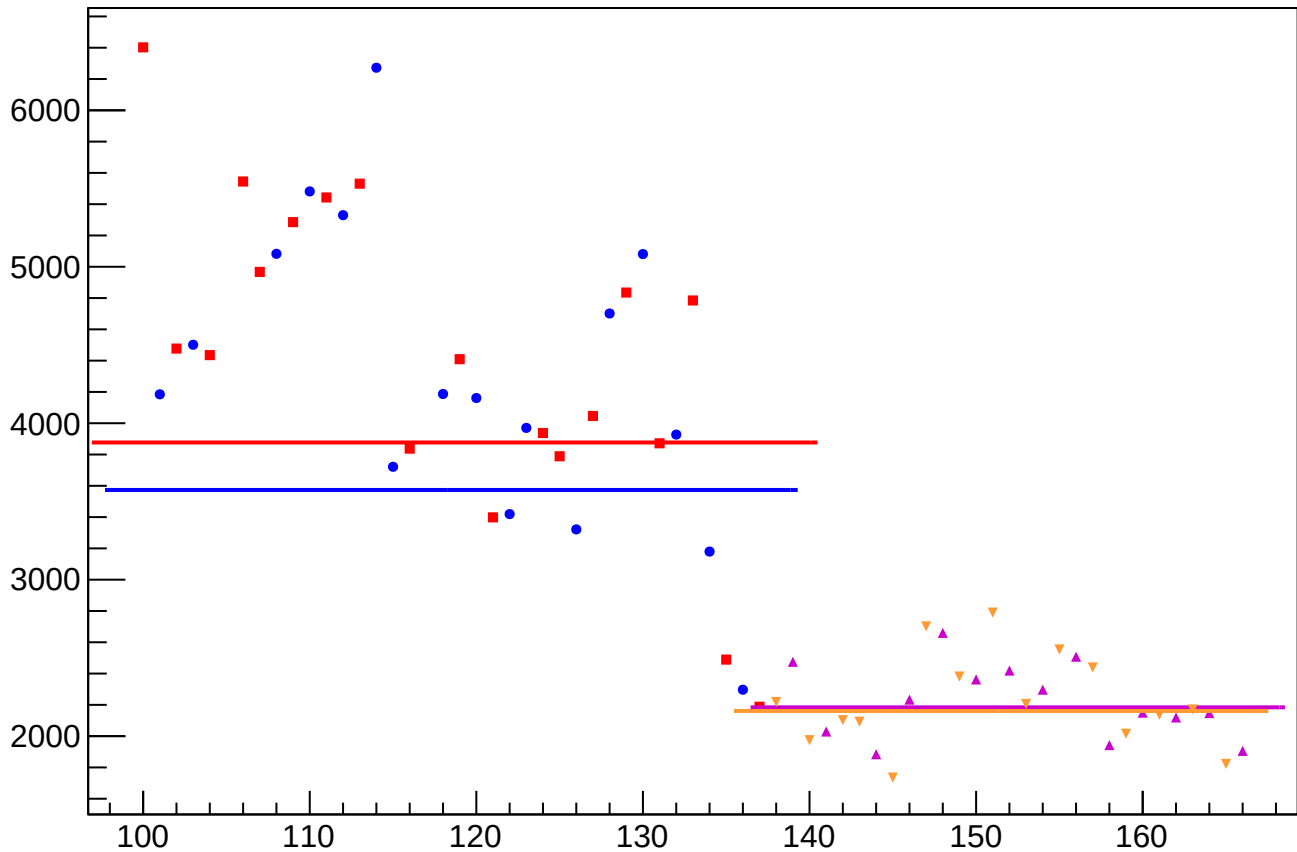
Left In: -748.852 $\pm$ 664.413 χ^2 /NDF:19.5/13

+ sign 1996.760 $\pm$ 595.366 χ^2 /NDF: 42.4/31

All: 740.902 $\pm$ 425.368 χ^2 /NDF: 86.8/64

- sign -568.618 $\pm$ 607.953 χ^2 /NDF: 35.3/32

asym_sam2_rms vs Slug



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

Left Out: 2160.931+/-0.462 χ^2/NDF : 372641.2/14

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

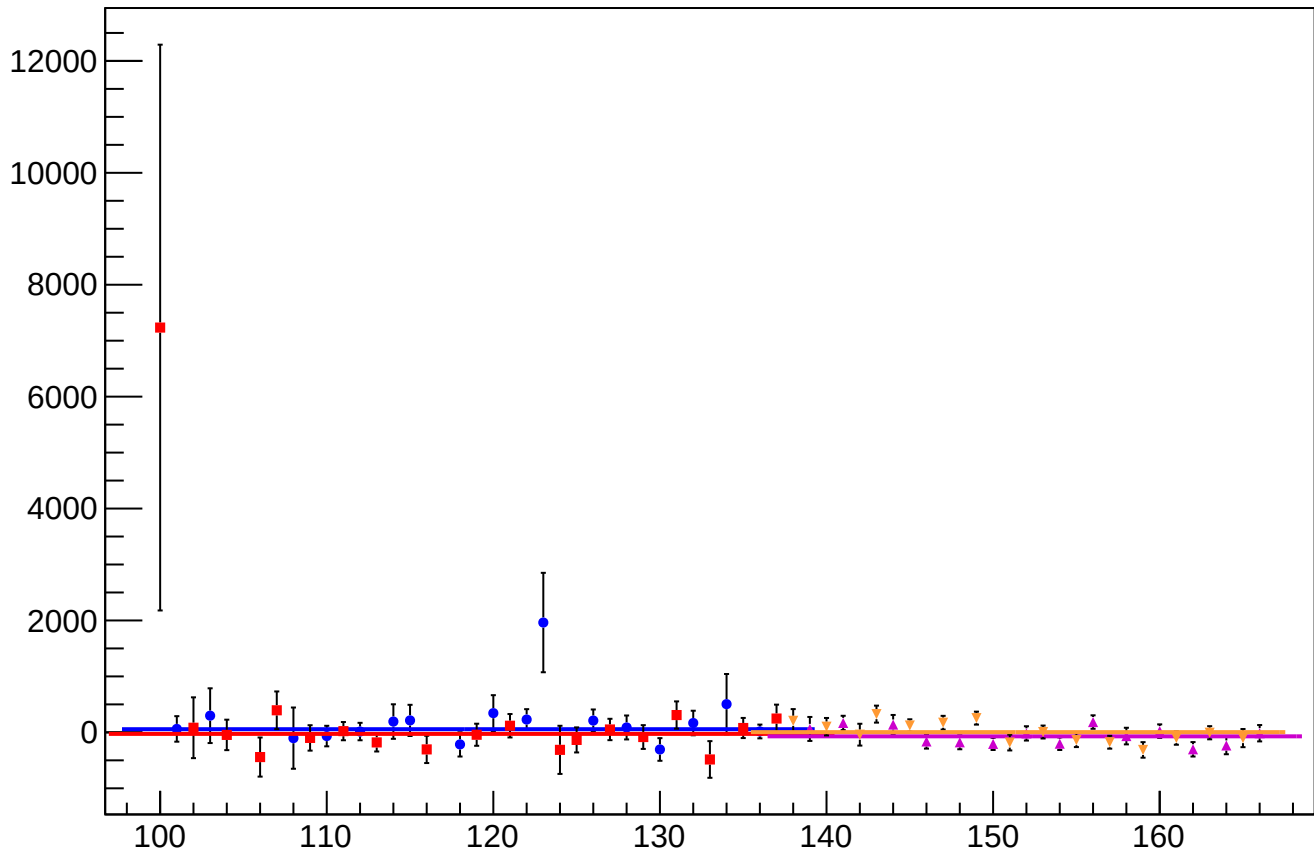
Left In: 2184.107+/-0.470 χ^2/NDF : 233316.4/13

+ sign 2402.226+/-0.421 χ^2/NDF : 3055993.9/31

All: 2430.305+/-0.301 χ^2/NDF : 6399541.8/64

- sign 2459.583+/-0.430 χ^2/NDF : 3334460.9/32

dit_asym_sam3_mean vs Slug



Right In: 56.595 $\pm$ 53.880 χ^2 /NDF: 14.1/16

Left Out: 4.246 $\pm$ 34.242 χ^2 /NDF: 25.5/14

Right Out: -27.299 $\pm$ 54.033 χ^2 /NDF: 14.3/18

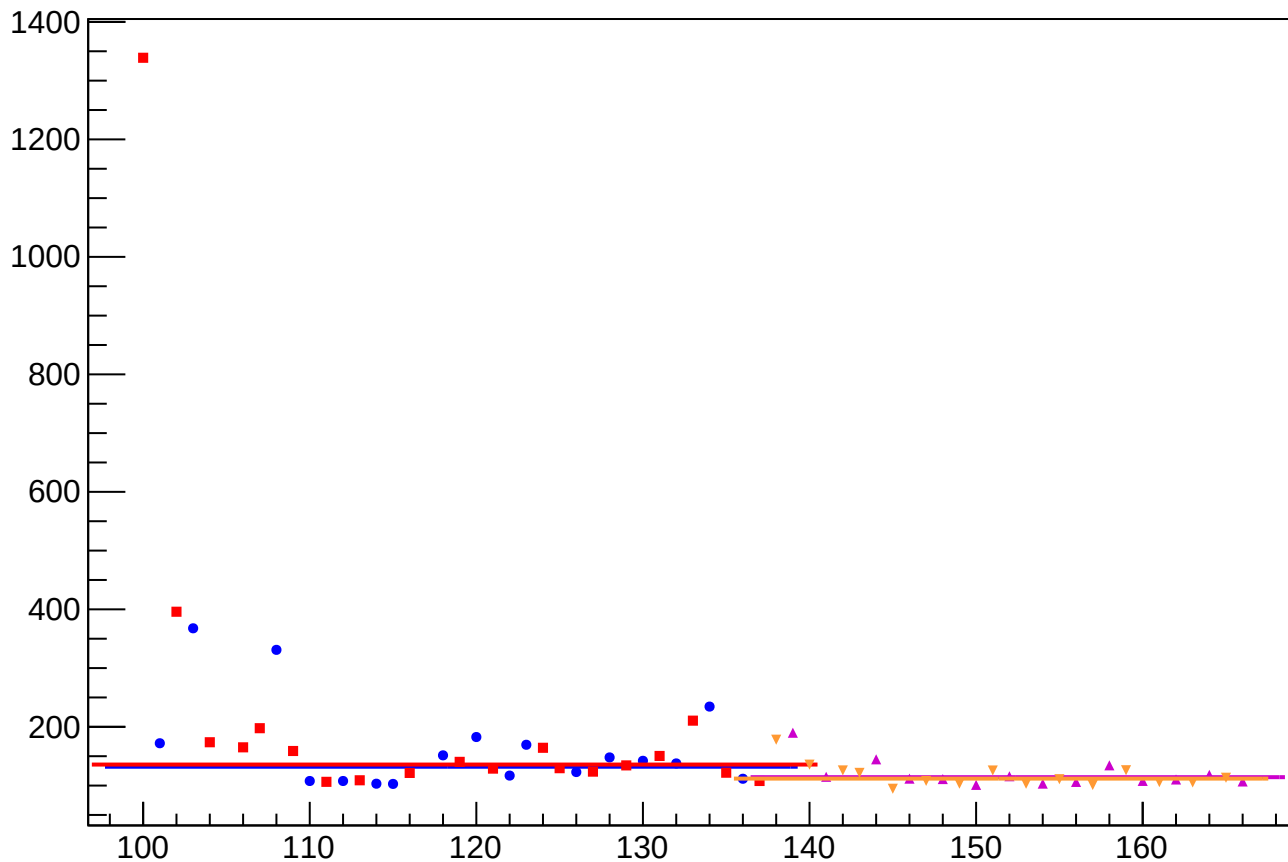
Left In: -70.947 $\pm$ 35.429 χ^2 /NDF: 19.2/13

+ sign 19.306 $\pm$ 28.900 χ^2 /NDF: 40.3/31

All: -18.300 $\pm$ 20.688 χ^2 /NDF: 77.7/64

- sign -57.824 $\pm$ 29.628 χ^2 /NDF: 33.9/32

dit_asym_sam3_rms vs Slug



Right In: 132.104+/-0.038 χ^2/NDF : 1144612.1/16

Left Out: 111.863+/-0.024 χ^2/NDF : 407410.9/14

Right Out: 135.773+/-0.038 χ^2/NDF : 1009635.6/18

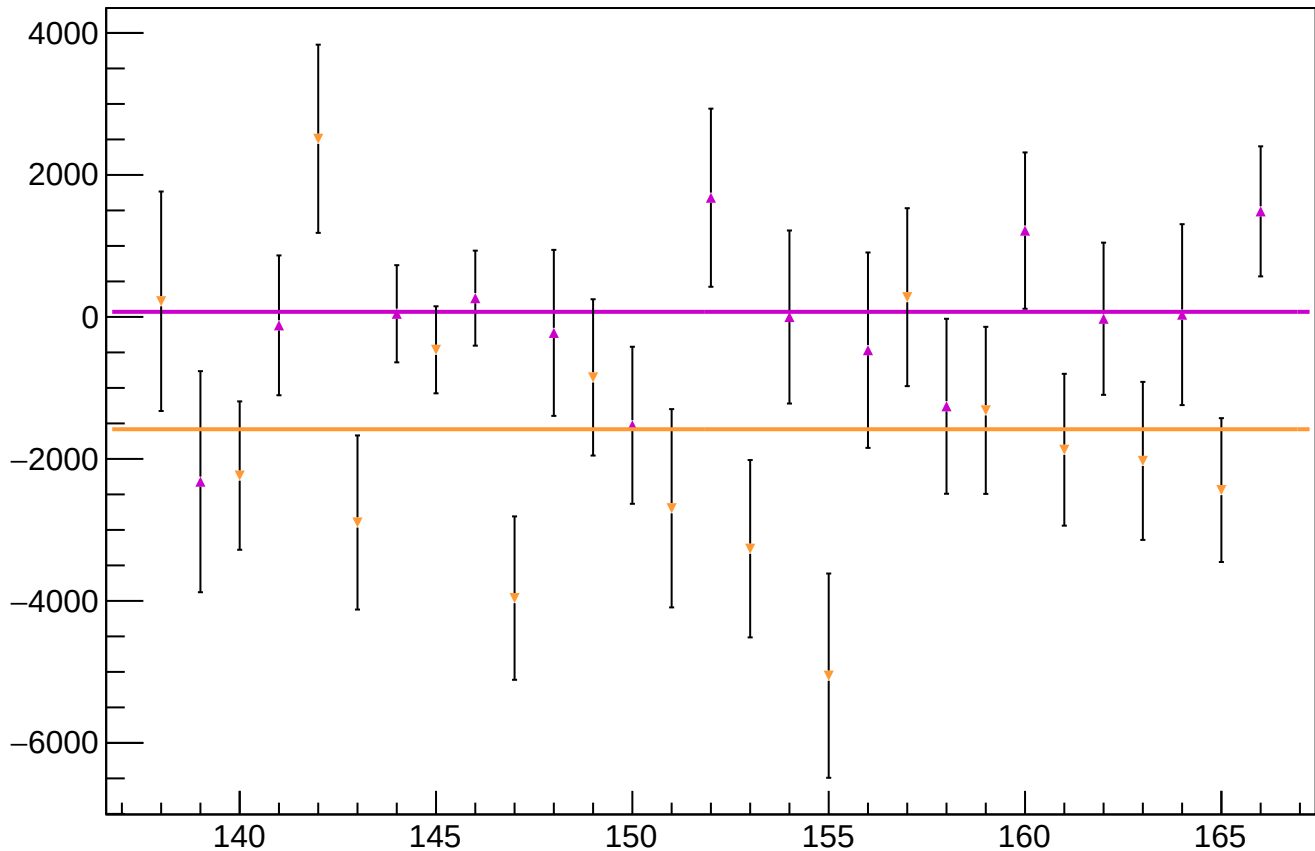
Left In: 114.306+/-0.025 χ^2/NDF : 421322.1/13

+ sign 117.686+/-0.020 χ^2/NDF : 1753058.2/31

All: 119.185+/-0.015 χ^2/NDF : 3415824.4/64

- sign 120.760+/-0.021 χ^2/NDF : 1651735.2/32

asym_sam3_correction_mean vs Slug



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

Left Out: -1581.928 $\pm$ 283.270 χ^2 /NDF:31.9/14

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

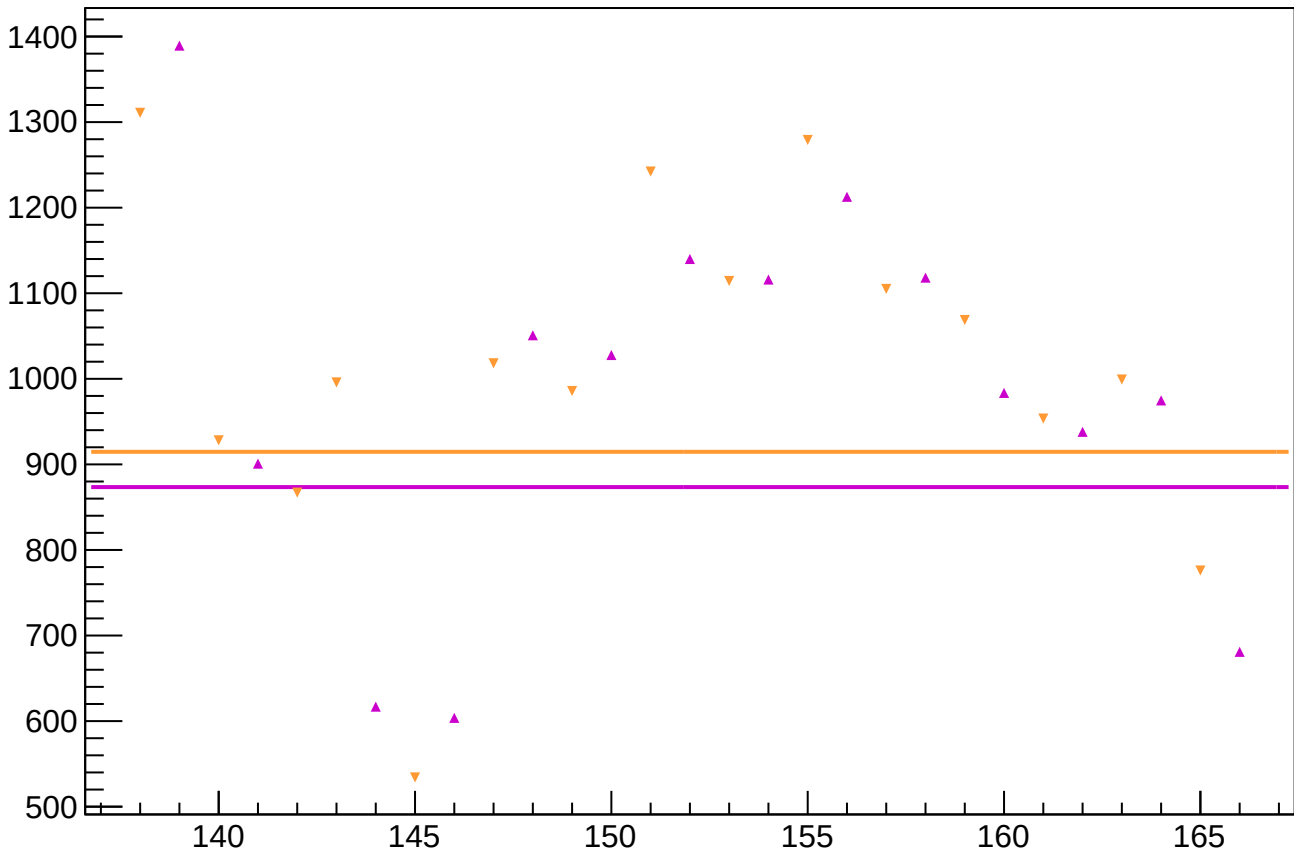
Left In: 71.629 $\pm$ 273.595 χ^2 /NDF:11.1/13

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

All: -726.431 $\pm$ 196.792 χ^2 /NDF: 60.7/28

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

asym_sam3_correction_rms vs Slug



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

Left Out: 914.706+/-0.200 χ^2/NDF :1360012.9/14

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

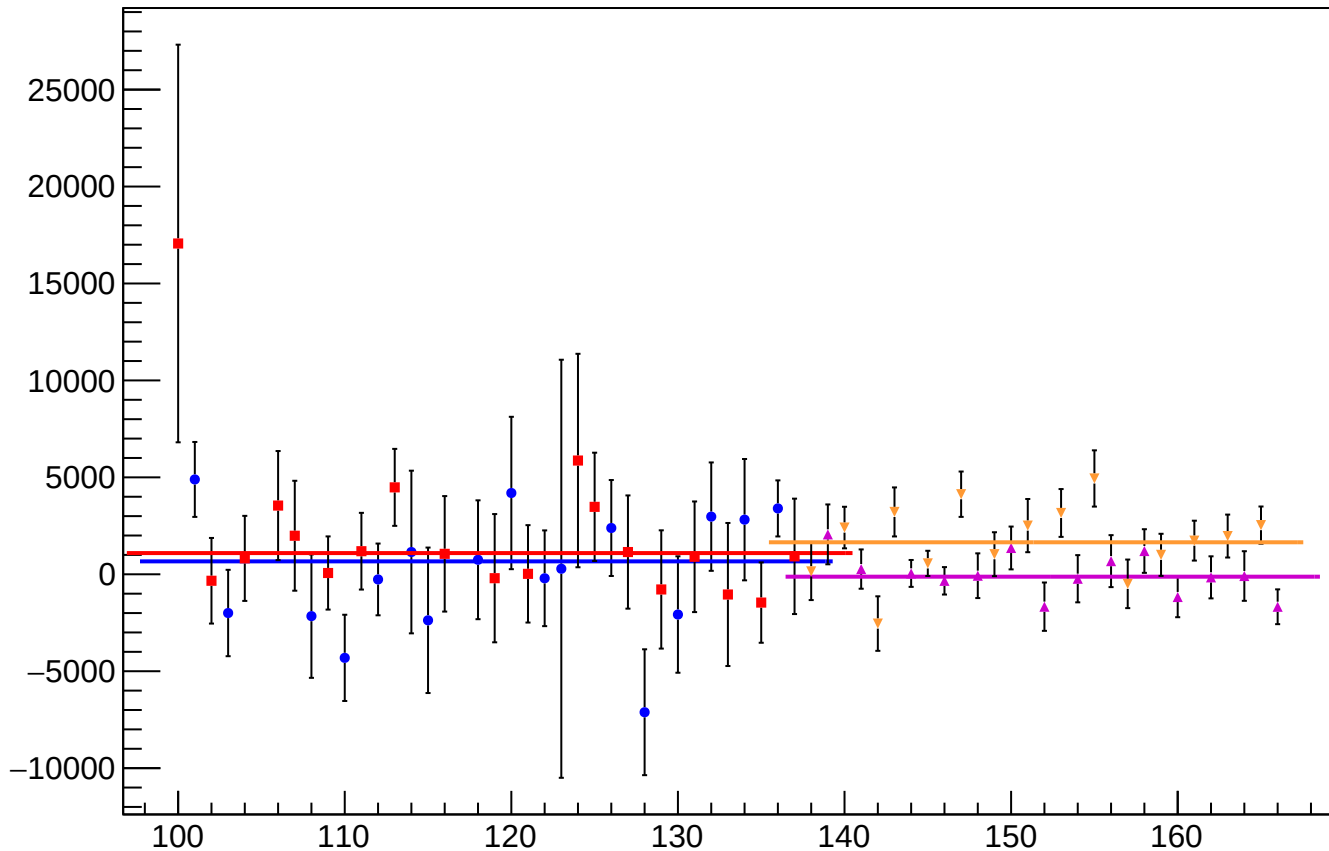
Left In: 873.474+/-0.193 χ^2/NDF :1410348.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.374+/-0.139 χ^2/NDF : 2792284.1/28

- 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: 1650.664+/-284.781 χ^2/NDF : 30.8/14

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

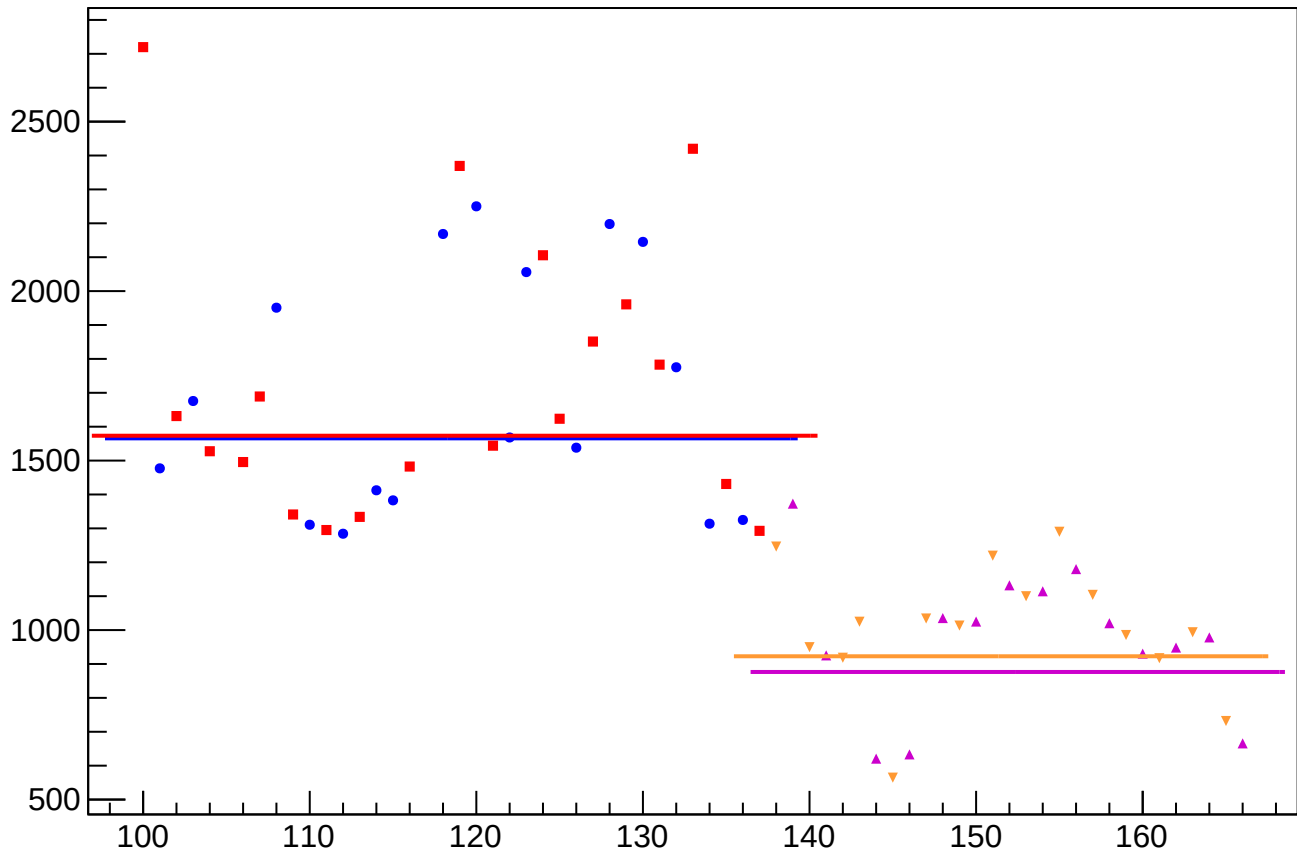
Left In: -123.585+/-273.925 χ^2/NDF : 11.4/13

+ sign 1478.662+/-258.703 χ^2/NDF : 58.6/31

All: 756.220+/-179.541 χ^2/NDF : 99.4/64

- sign 84.950+/-249.372 χ^2/NDF : 25.8/32

asym_sam3_rms vs Slug



Right In: 1565.623 $\pm$ 0.438 χ^2 /NDF: 490790.2/16

Left Out: 922.706 $\pm$ 0.201 χ^2 /NDF: 1146499.4/14

Right Out: 1573.366 $\pm$ 0.426 χ^2 /NDF: 462040.3/18

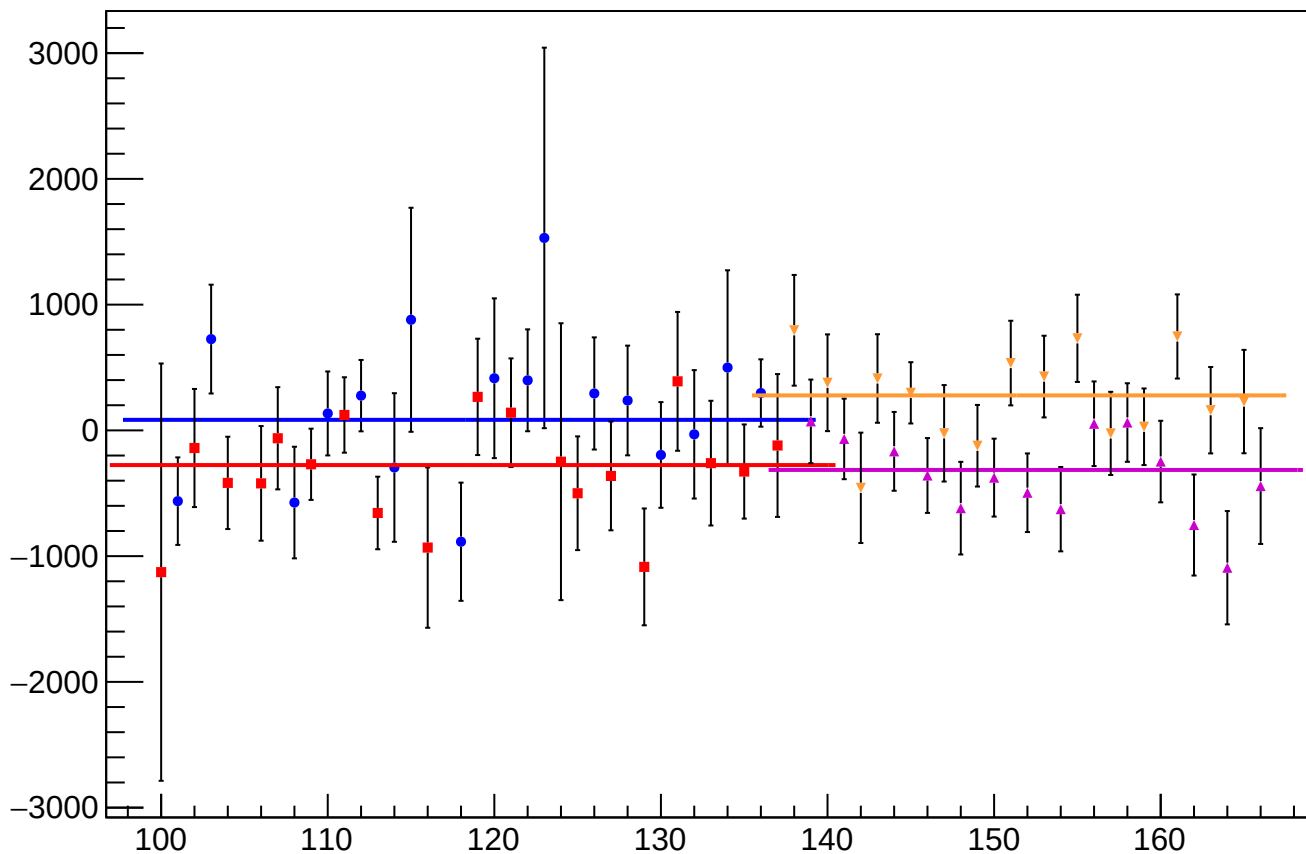
Left In: 876.417 $\pm$ 0.194 χ^2 /NDF: 1226731.0/13

+ sign 1035.063 $\pm$ 0.183 χ^2 /NDF: 3418700.0/31

All: 1014.688 $\pm$ 0.127 χ^2 /NDF: 7348326.0/64

- sign 995.756 $\pm$ 0.176 χ^2 /NDF: 3905693.2/32

dit_asym_sam4_mean vs Slug



Right In: 83.935 ± 103.619 $\chi^2/\text{NDF}: 17.3/16$

Left Out: 278.390 ± 88.328 $\chi^2/\text{NDF}: 12.7/14$

Right Out: -275.803 ± 97.798 $\chi^2/\text{NDF}: 12.6/18$

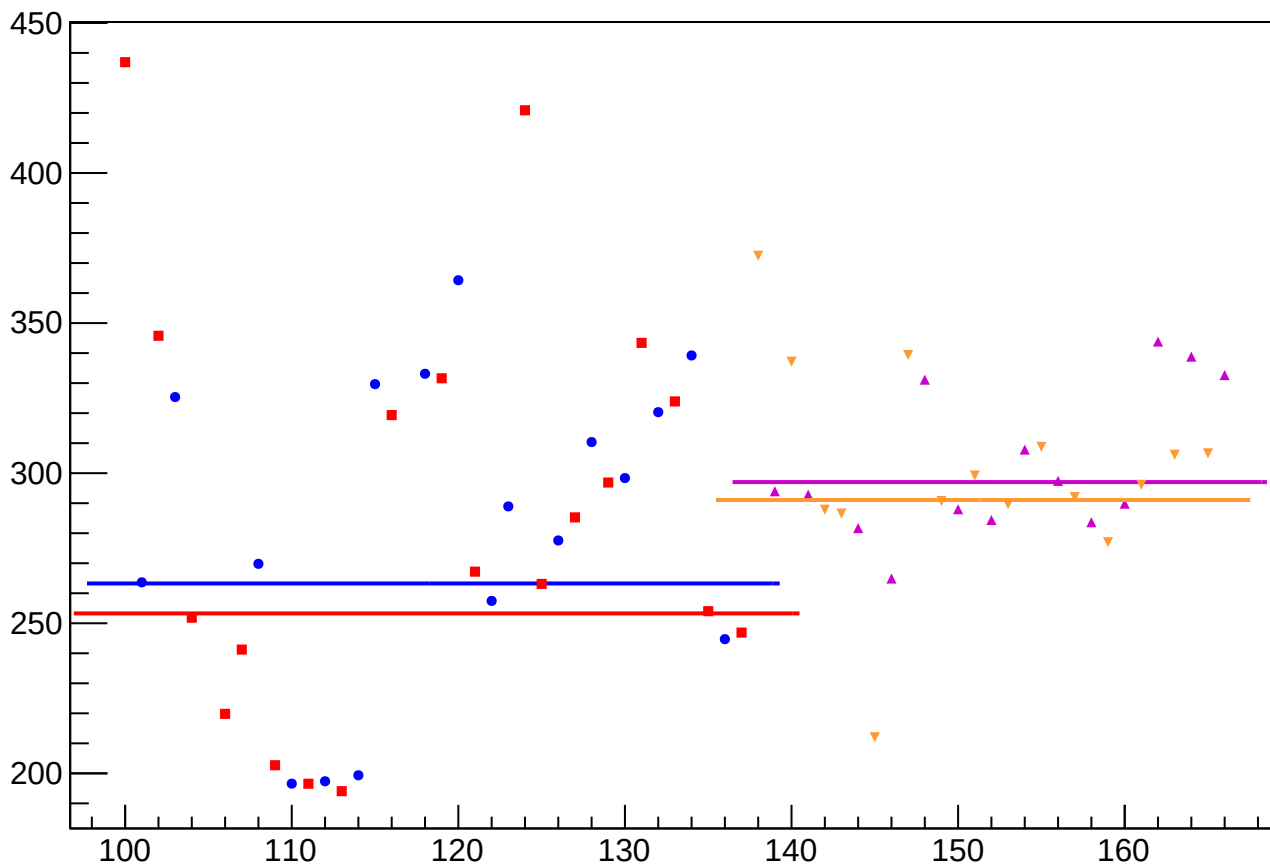
Left In: -314.590 ± 90.684 $\chi^2/\text{NDF}: 11.0/13$

+ sign 196.555 ± 67.220 $\chi^2/\text{NDF}: 32.0/31$

All: -52.720 ± 47.274 $\chi^2/\text{NDF}: 83.0/64$

- sign -296.659 ± 66.496 $\chi^2/\text{NDF}: 23.7/32$

dit_asym_sam4_rms vs Slug



Right In: 263.262 ± 0.073 $\chi^2/\text{NDF}: 452757.7/16$

Left Out: 291.057 ± 0.062 $\chi^2/\text{NDF}: 357465.4/14$

Right Out: 253.283 ± 0.069 $\chi^2/\text{NDF}: 585121.8/18$

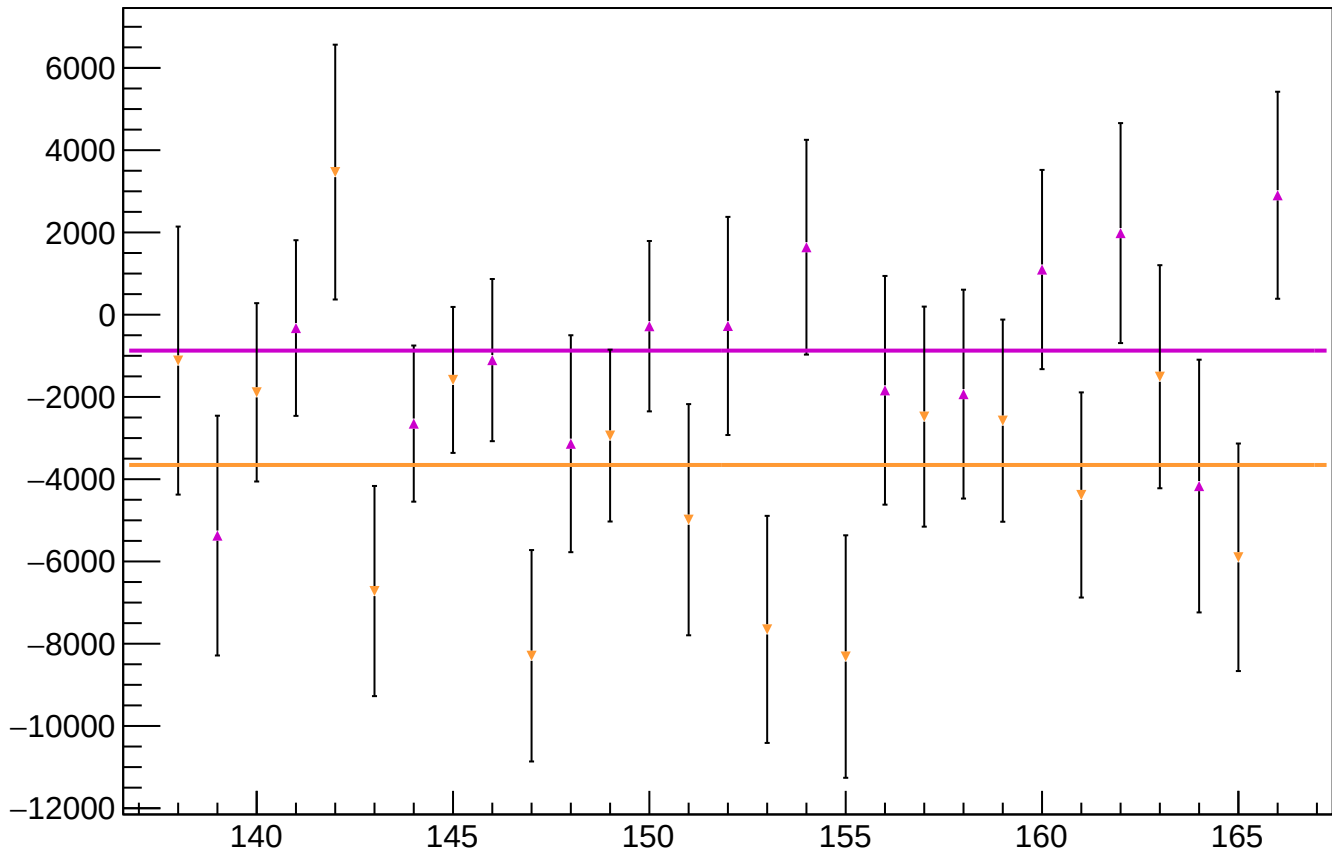
Left In: 297.029 ± 0.064 $\chi^2/\text{NDF}: 113804.6/13$

+ sign 279.360 ± 0.048 $\chi^2/\text{NDF}: 893565.3/31$

All: 278.068 ± 0.033 $\chi^2/\text{NDF}: 1809118.9/64$

- sign 276.805 ± 0.047 $\chi^2/\text{NDF}: 914093.2/32$

asym_sam4_correction_mean vs Slug



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

Left Out: -3653.915+/-649.868 χ^2/NDF :19.3/14

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

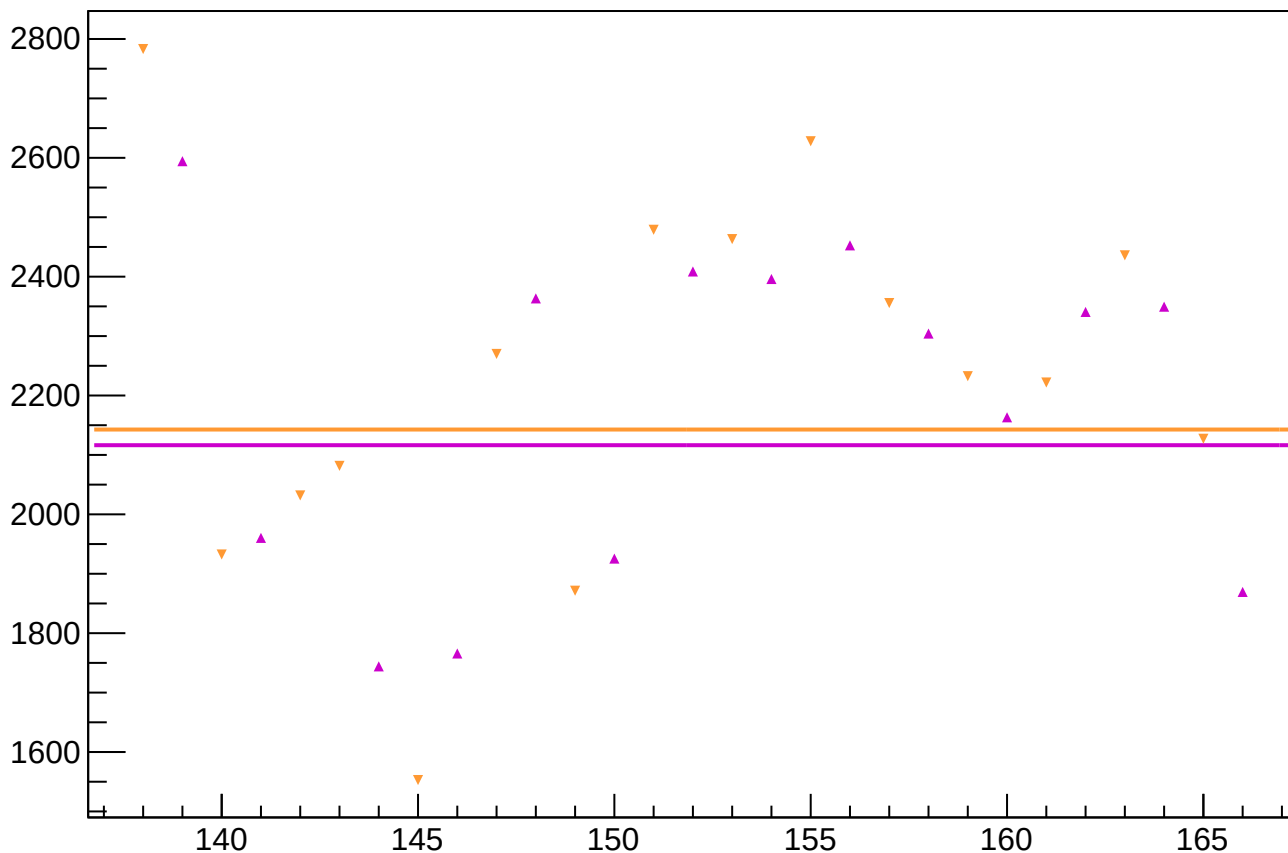
Left In: -873.256+/-646.067 χ^2/NDF :10.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2255.429+/-458.176 χ^2/NDF : 39.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_correction_rms vs Slug



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

Left Out: 2142.727+/-0.460 χ^2/NDF : 509907.2/14

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

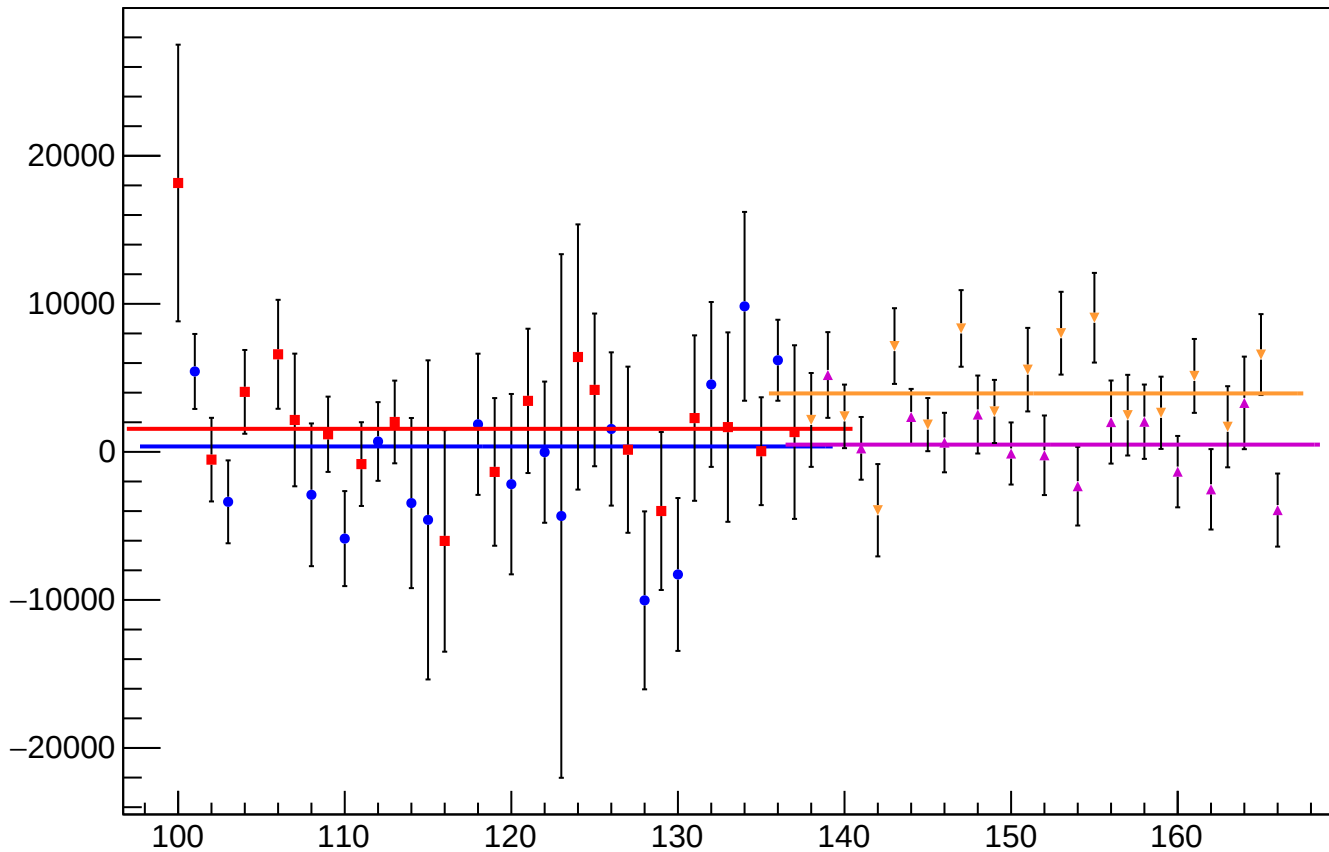
Left In: 2116.367+/-0.457 χ^2/NDF : 372118.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2129.470+/-0.324 χ^2/NDF : 883680.7/28

- 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: 3948.867 ± 653.075 χ^2/NDF : 21.1/14

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

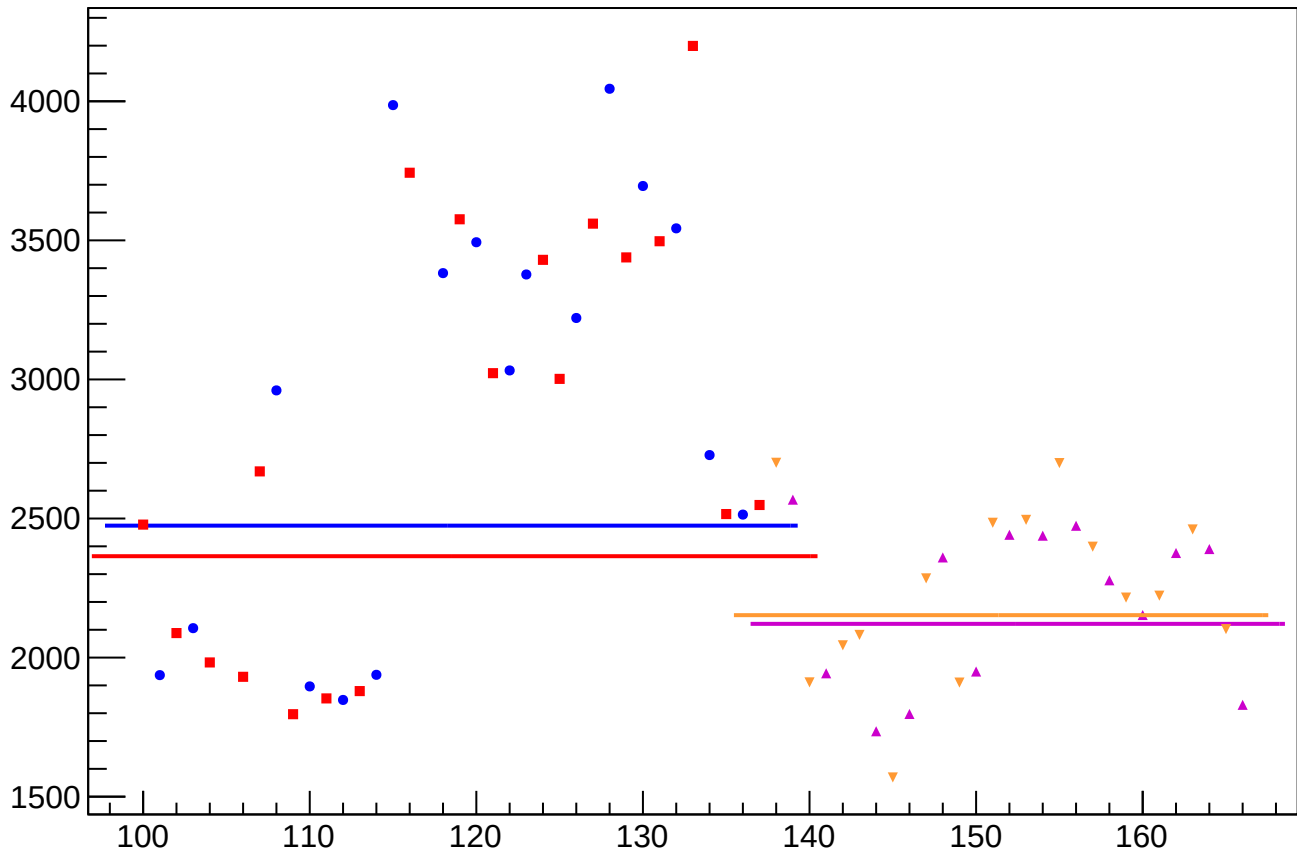
Left In: 490.238 ± 648.276 χ^2/NDF : 12.0/13

+ sign 2866.404 ± 545.558 χ^2/NDF : 54.3/31

All: 1826.372 ± 380.402 χ^2/NDF : 84.9/64

- sign 842.253 ± 530.690 χ^2/NDF : 23.4/32

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2152.528+/-0.462 χ^2/NDF : 499456.9/14

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

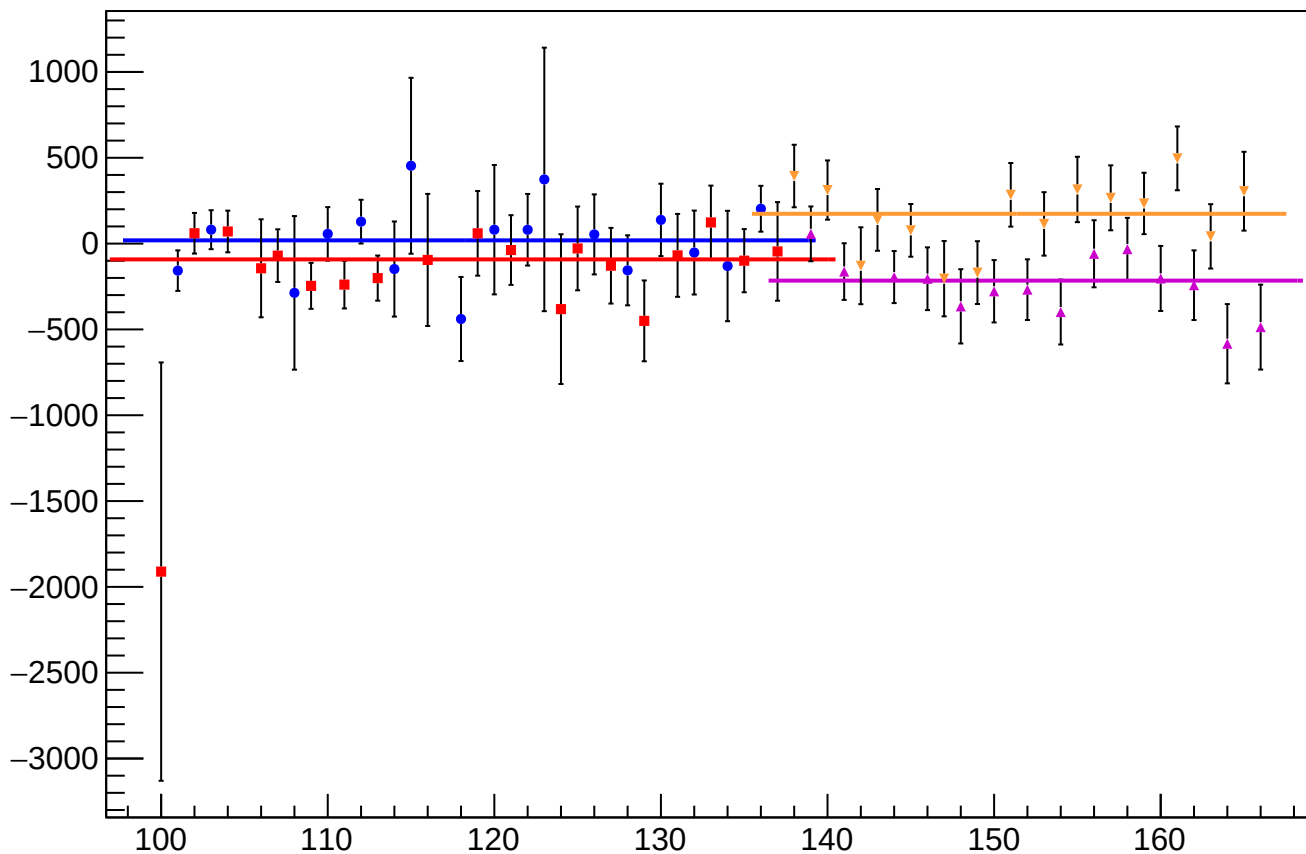
Left In: 2121.279+/-0.458 χ^2/NDF : 383356.6/13

+ sign 2249.782+/-0.386 χ^2/NDF : 1552502.8/31

All: 2224.980+/-0.269 χ^2/NDF : 3060176.8/64

- sign 2201.511+/-0.375 χ^2/NDF : 1499629.3/32

dit_asym_sam5_mean vs Slug



Right In: 18.930+/-46.147 χ^2/NDF : 12.0/16

Left Out: 173.592+/-48.275 χ^2/NDF : 16.0/14

Right Out: -91.993+/-42.693 χ^2/NDF : 13.2/18

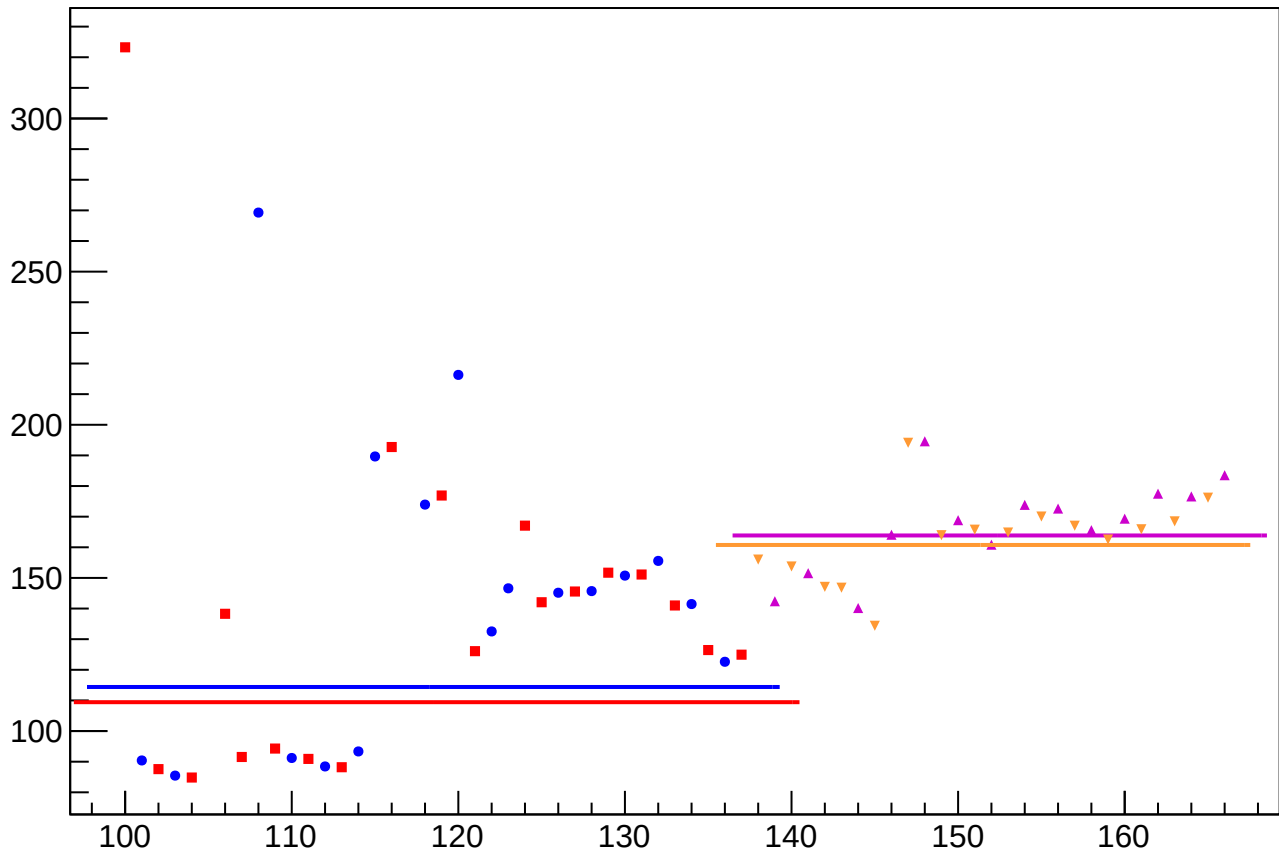
Left In: -215.736+/-49.716 χ^2/NDF : 10.1/13

+ sign 92.778+/-33.358 χ^2/NDF : 33.4/31

All: -29.362+/-23.238 χ^2/NDF : 86.3/64

- sign -144.514+/-32.390 χ^2/NDF : 26.8/32

dit_asym_sam5_rms vs Slug



Right In: 114.391 $\pm$ 0.033 χ^2 /NDF: 1136702.0/16

Left Out: 160.758 $\pm$ 0.034 χ^2 /NDF: 153519.3/14

Right Out: 109.428 $\pm$ 0.030 χ^2 /NDF: 944386.0/18

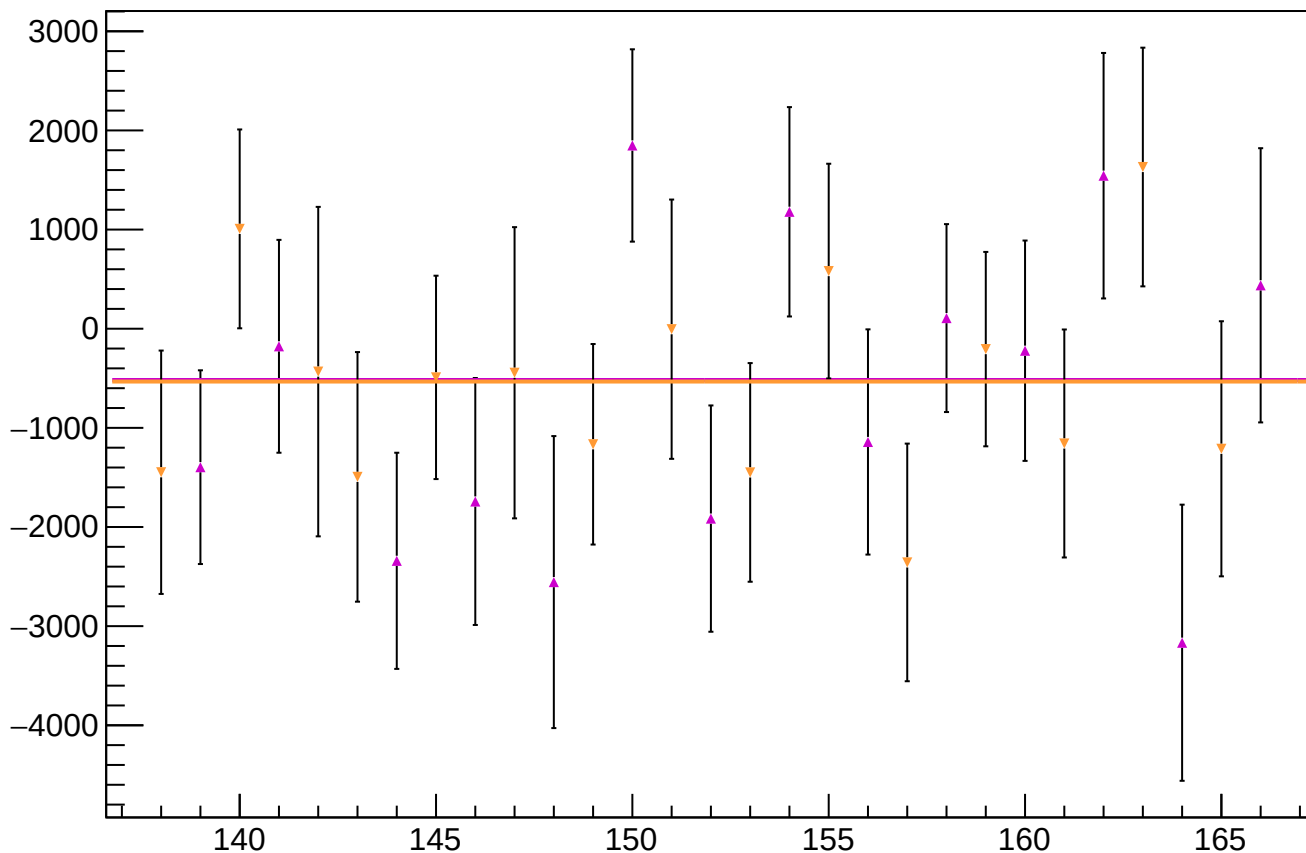
Left In: 163.862 $\pm$ 0.035 χ^2 /NDF: 177945.5/13

+ sign 136.530 $\pm$ 0.024 χ^2 /NDF: 2254293.9/31

All: 134.472 $\pm$ 0.016 χ^2 /NDF: 4771383.1/64

- sign 132.532 $\pm$ 0.023 χ^2 /NDF: 2502296.3/32

asym_sam5_correction_mean vs Slug



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

Left Out: -532.755+/-300.272 χ^2/NDF :12.0/14

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

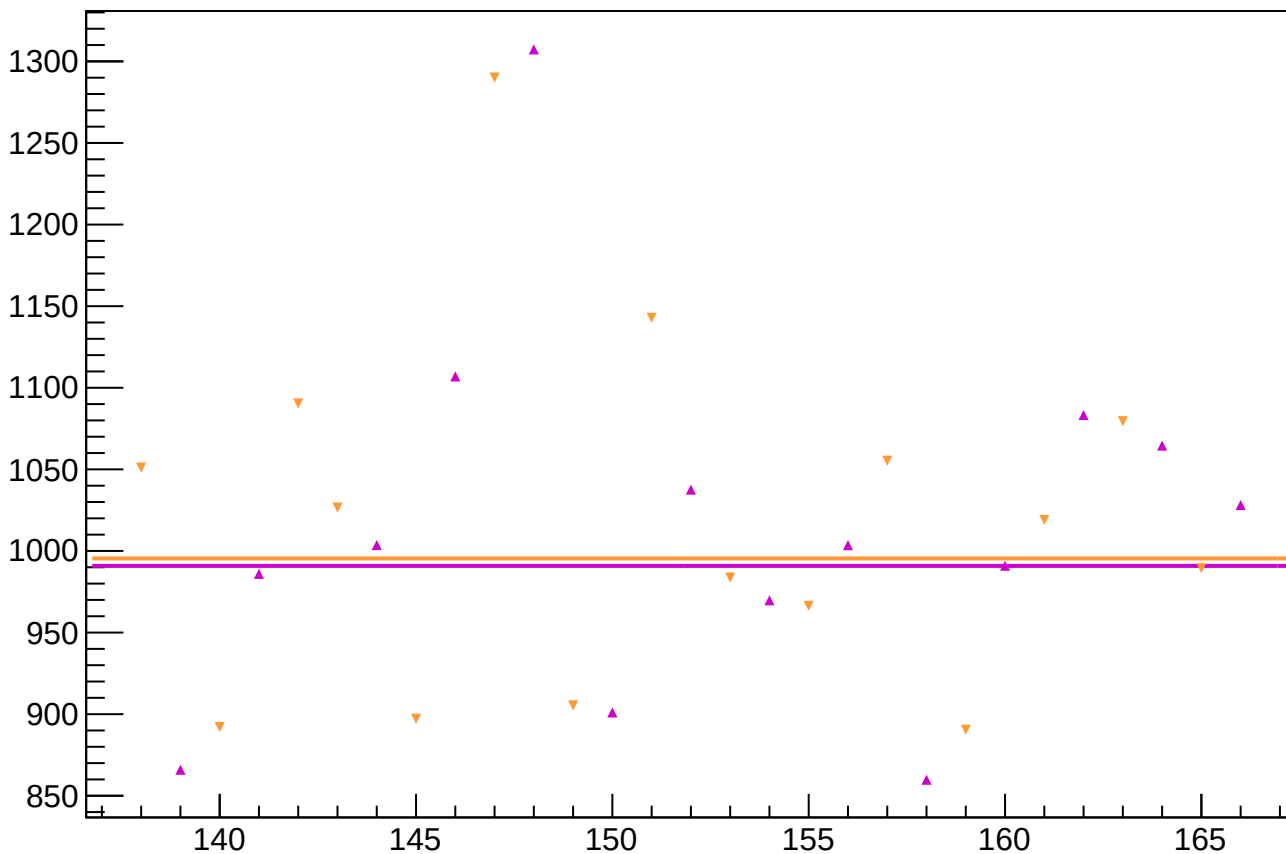
Left In: -517.342+/-301.793 χ^2/NDF :24.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -525.087+/-212.860 χ^2/NDF : 36.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_correction_rms vs Slug



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

Left Out: 995.417+/-0.212 χ^2/NDF : 213462.2/14

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

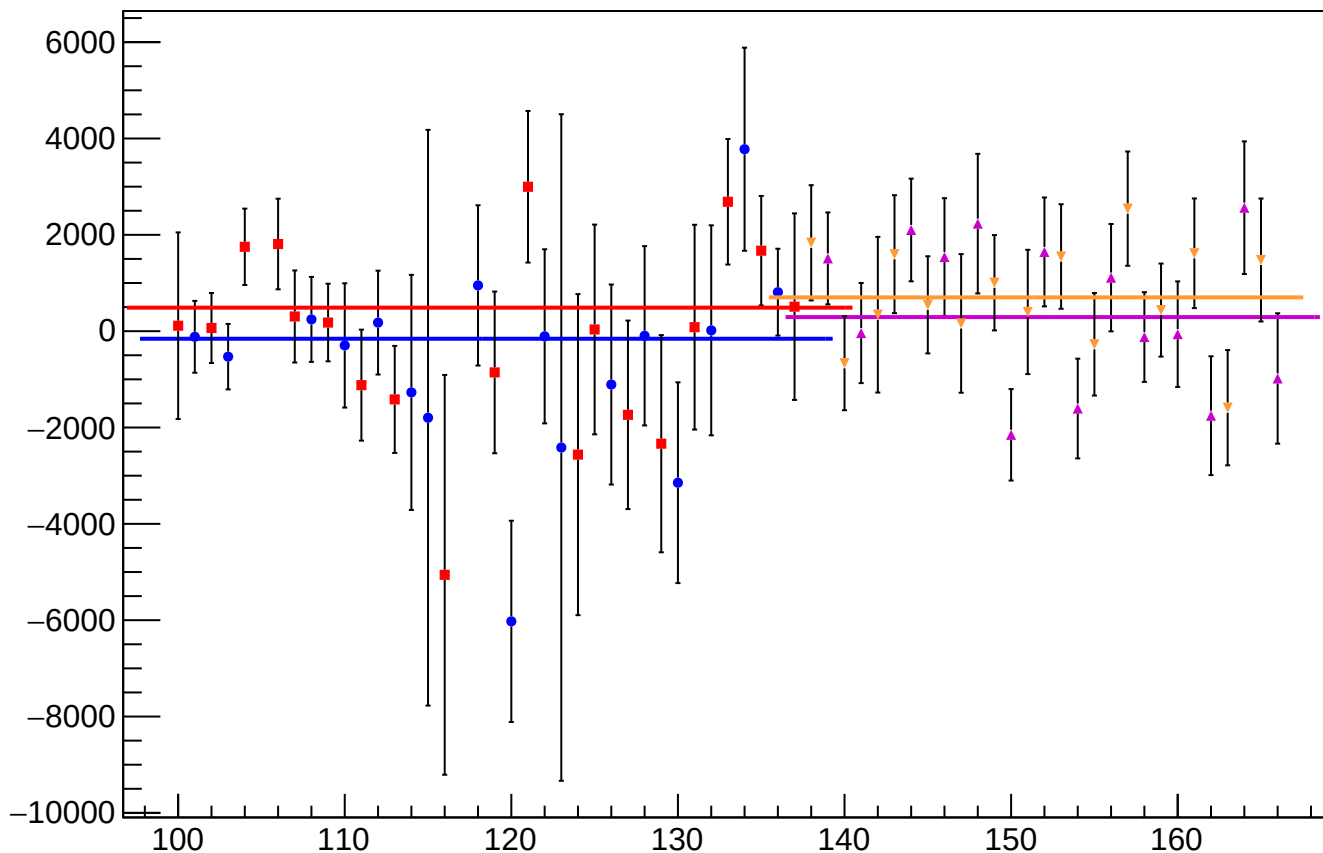
Left In: 990.857+/-0.213 χ^2/NDF : 220745.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 993.149+/-0.151 χ^2/NDF : 434436.8/28

- 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: 701.571+/-295.047 χ^2/NDF :12.4/14

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

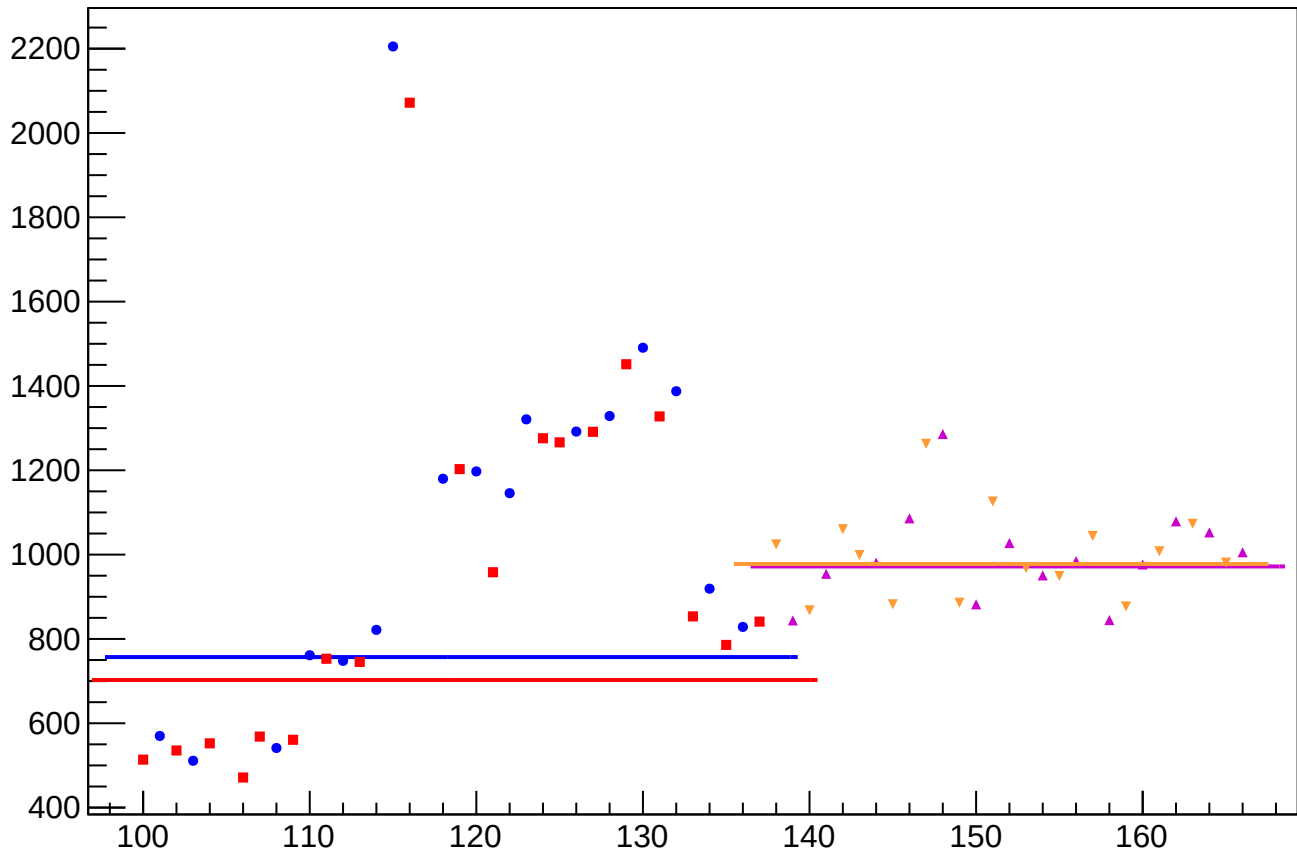
Left In: 292.402+/-296.222 χ^2/NDF :26.1/13

+ sign 296.844+/-214.534 χ^2/NDF : 32.6/31

All: 348.290+/-148.037 χ^2/NDF : 81.6/64

- sign 395.052+/-204.534 χ^2/NDF : 48.9/32

asym_sam5_rms vs Slug



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 977.691 $\pm$ 0.209 χ^2 /NDF:218018.2/14

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

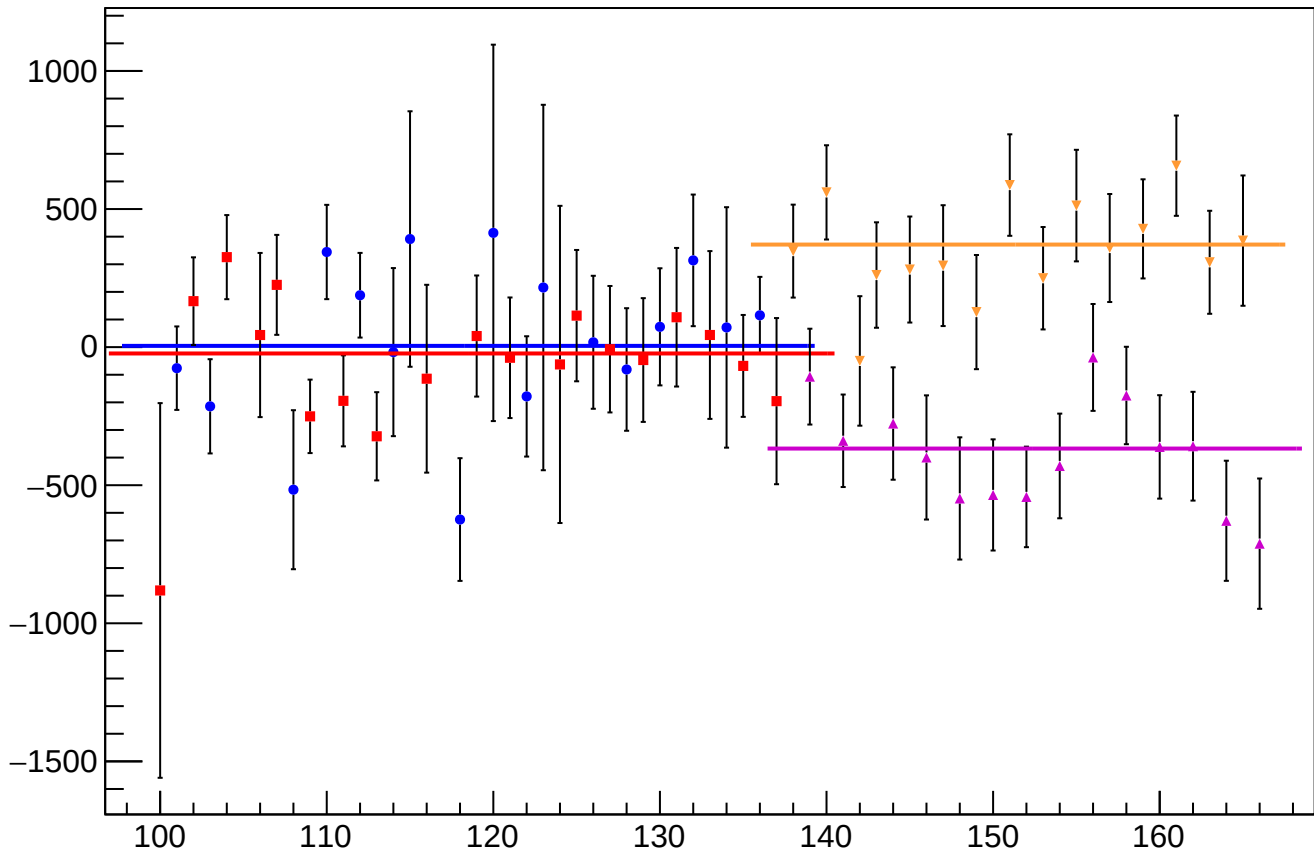
Left In: 971.964 $\pm$ 0.209 χ^2 /NDF:232462.9/13

+ sign 873.673 $\pm$ 0.152 χ^2 /NDF: 2456740.1/31

All: 851.345 $\pm$ 0.105 χ^2 /NDF: 5285094.1/64

- sign 831.051 $\pm$ 0.145 χ^2 /NDF: 2787001.3/32

dit_asym_sam6_mean vs Slug



Right In: 4.533 ± 52.509 $\chi^2/\text{NDF}: 23.1/16$

Left Out: 371.369 ± 49.742 $\chi^2/\text{NDF}: 11.5/14$

Right Out: -22.985 ± 47.854 $\chi^2/\text{NDF}: 19.0/18$

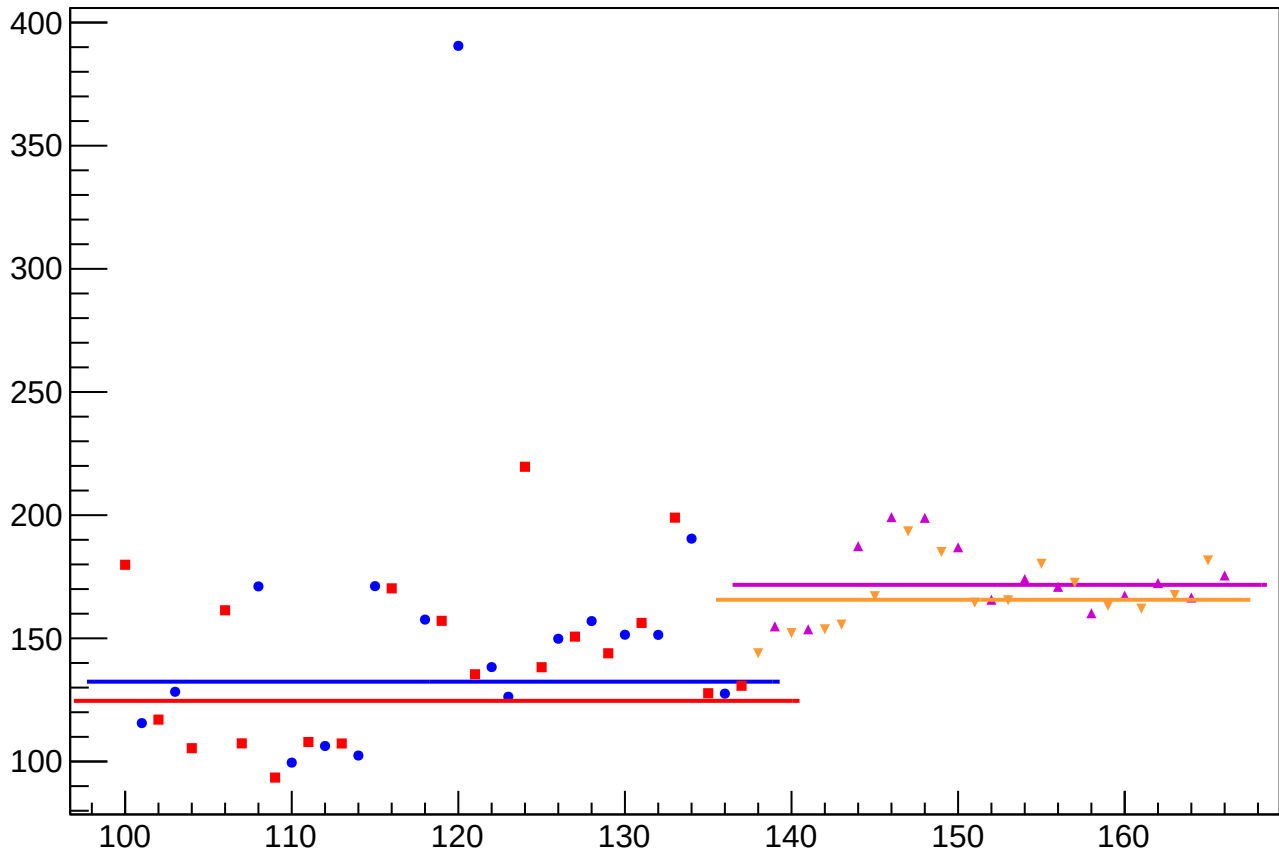
Left In: -367.312 ± 52.117 $\chi^2/\text{NDF}: 12.6/13$

+ sign 197.872 ± 36.112 $\chi^2/\text{NDF}: 60.4/31$

All: 4.114 ± 25.224 $\chi^2/\text{NDF}: 171.8/64$

- sign -180.494 ± 35.249 $\chi^2/\text{NDF}: 55.2/32$

dit_asym_sam6_rms vs Slug



Right In: 132.404 ± 0.037 χ^2/NDF : 643884.8/16

Left Out: 165.657 ± 0.035 χ^2/NDF : 130255.1/14

Right Out: 124.620 ± 0.034 χ^2/NDF : 592322.9/18

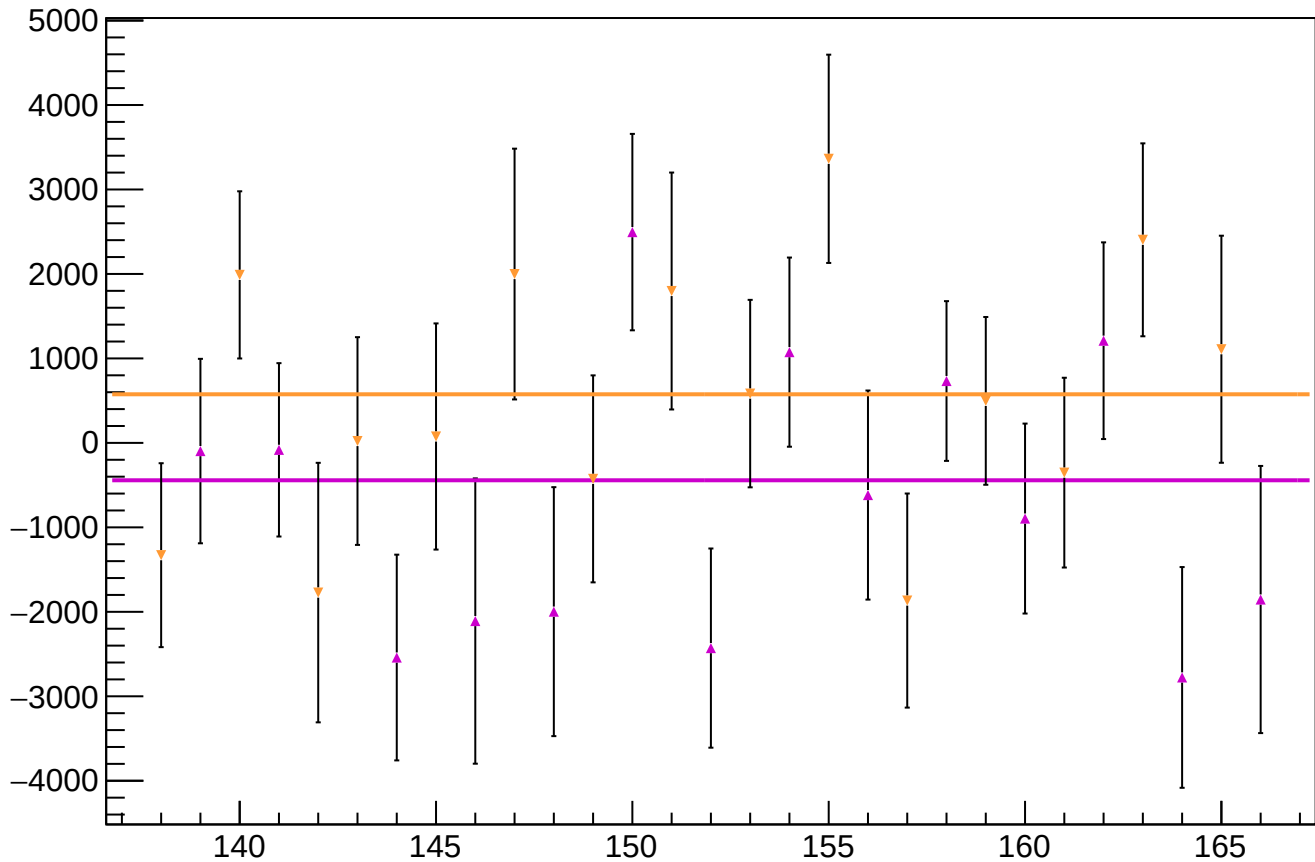
Left In: 171.715 ± 0.037 χ^2/NDF : 139418.1/13

+ sign 149.930 ± 0.026 χ^2/NDF : 1196858.2/31

All: 148.001 ± 0.018 χ^2/NDF : 2825820.5/64

- sign 146.163 ± 0.025 χ^2/NDF : 1617817.3/32

asym_sam6_correction_mean vs Slug



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

Left Out: 575.414+/-310.748 χ^2/NDF : 22.4/14

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

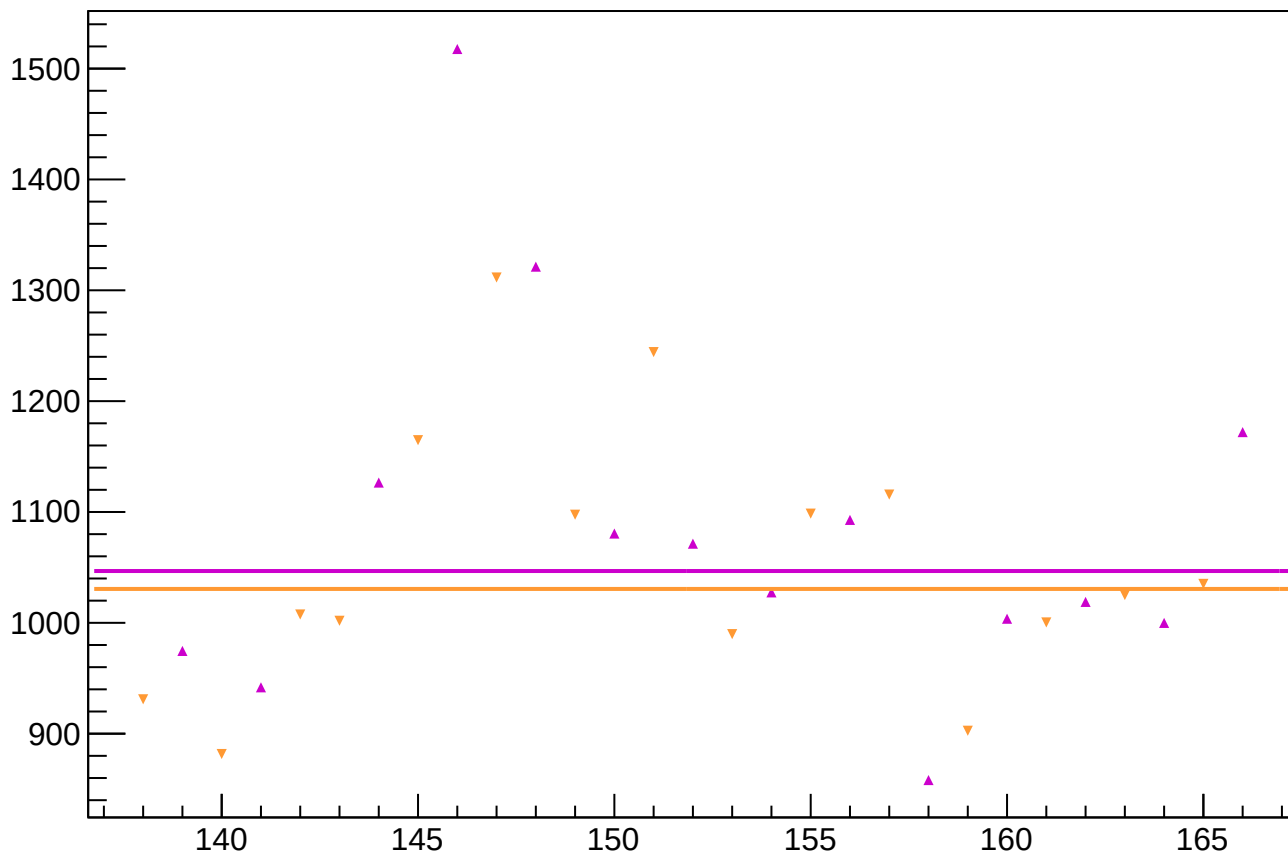
Left In: -442.640+/-319.179 χ^2/NDF : 24.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.010+/-222.653 χ^2/NDF : 51.7/28

- 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: 1030.581+/-0.220 χ^2/NDF : 260220.7/14

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

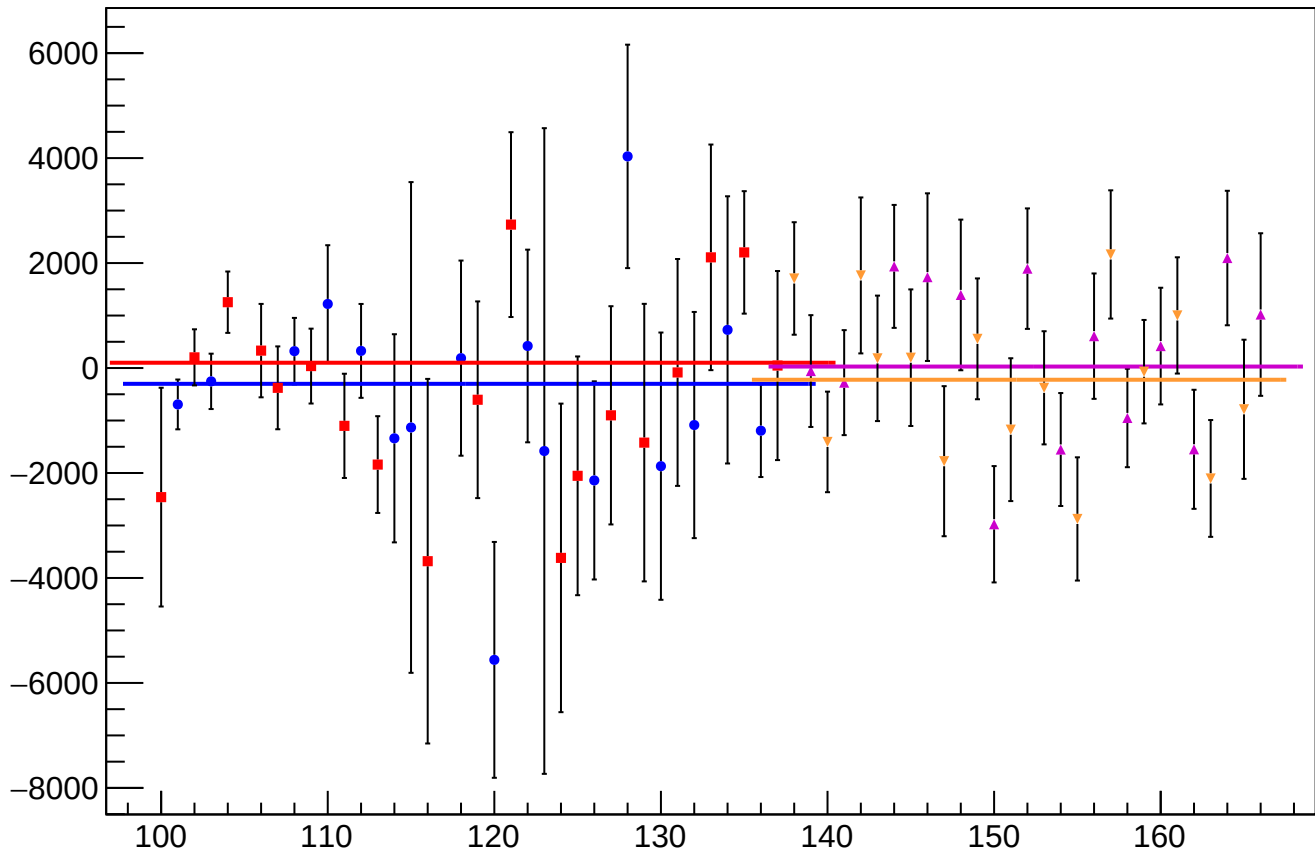
Left In: 1046.740+/-0.226 χ^2/NDF : 367868.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1038.444+/-0.157 χ^2/NDF : 630721.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -301.000 ± 250.042 χ^2/NDF : 16.8/16

Left Out: -223.225 ± 302.005 χ^2/NDF : 22.1/14

Right Out: 100.857 ± 245.981 χ^2/NDF : 22.5/18

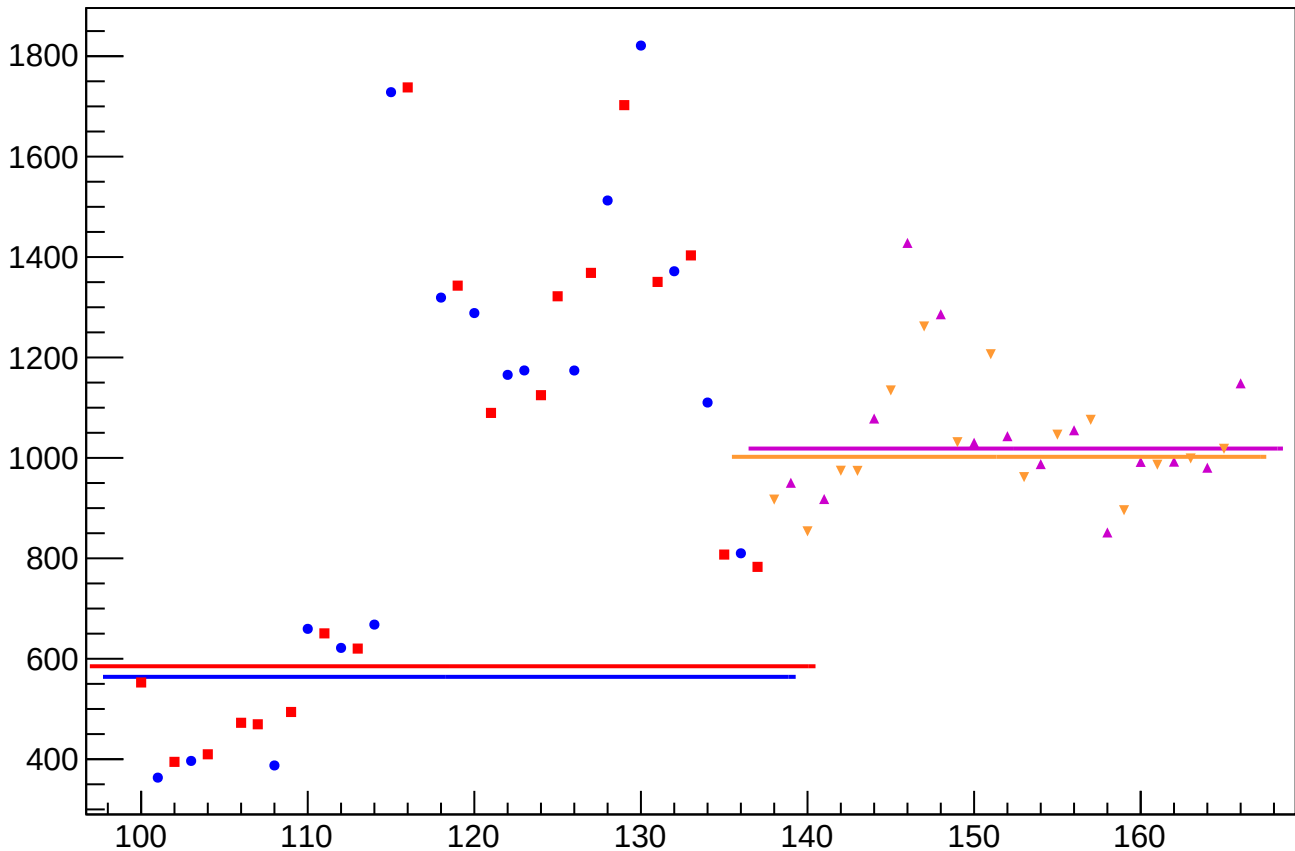
Left In: 28.083 ± 310.484 χ^2/NDF : 23.3/13

+ sign -269.369 ± 192.598 χ^2/NDF : 39.0/31

All: -98.472 ± 136.261 χ^2/NDF : 86.5/64

- sign 72.794 ± 192.806 χ^2/NDF : 45.9/32

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1002.158 $\pm$ 0.214 χ^2 /NDF:232256.3/14

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

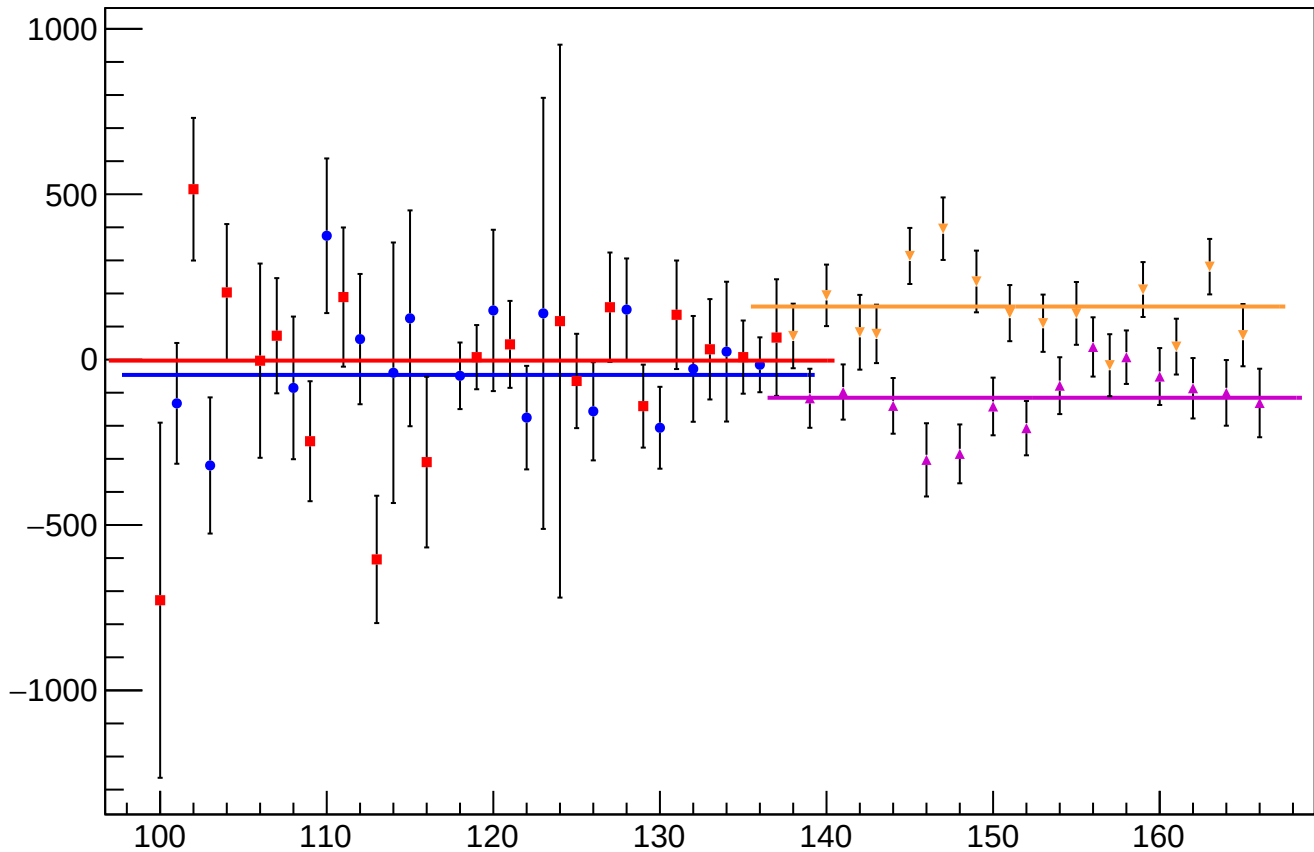
Left In: 1018.620 $\pm$ 0.220 χ^2 /NDF:320693.7/13

+ sign 742.201 $\pm$ 0.136 χ^2 /NDF: 5991395.9/31

All: 747.223 $\pm$ 0.096 χ^2 /NDF: 11531541.5/64

- sign 752.256 $\pm$ 0.136 χ^2 /NDF: 5537423.0/32

dit_asym_sam7_mean vs Slug



Right In: -46.211 ± 39.137 χ^2/NDF : 11.3/16

Left Out: 160.525 ± 23.370 χ^2/NDF : 21.8/14

Right Out: -2.942 ± 37.872 χ^2/NDF : 26.0/18

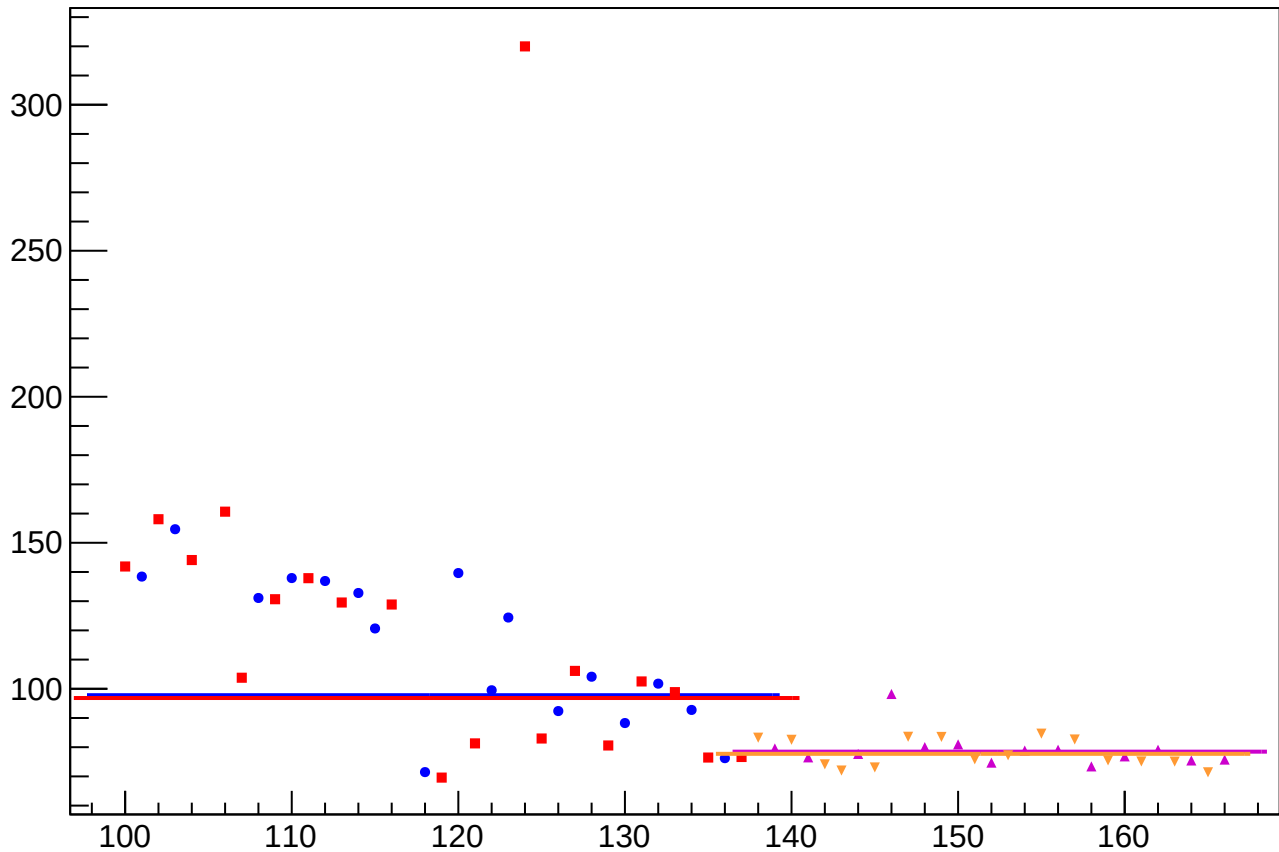
Left In: -115.301 ± 23.835 χ^2/NDF : 14.1/13

+ sign 106.186 ± 20.065 χ^2/NDF : 53.7/31

All: 11.890 ± 14.226 χ^2/NDF : 144.6/64

- sign -83.423 ± 20.173 χ^2/NDF : 46.4/32

dit_asym_sam7_rms vs Slug



Right In: 97.807 $\pm$ 0.028 χ^2 /NDF: 816964.4/16

Left Out: 77.730 $\pm$ 0.017 χ^2 /NDF: 75165.7/14

Right Out: 96.842 $\pm$ 0.027 χ^2 /NDF: 1095471.1/18

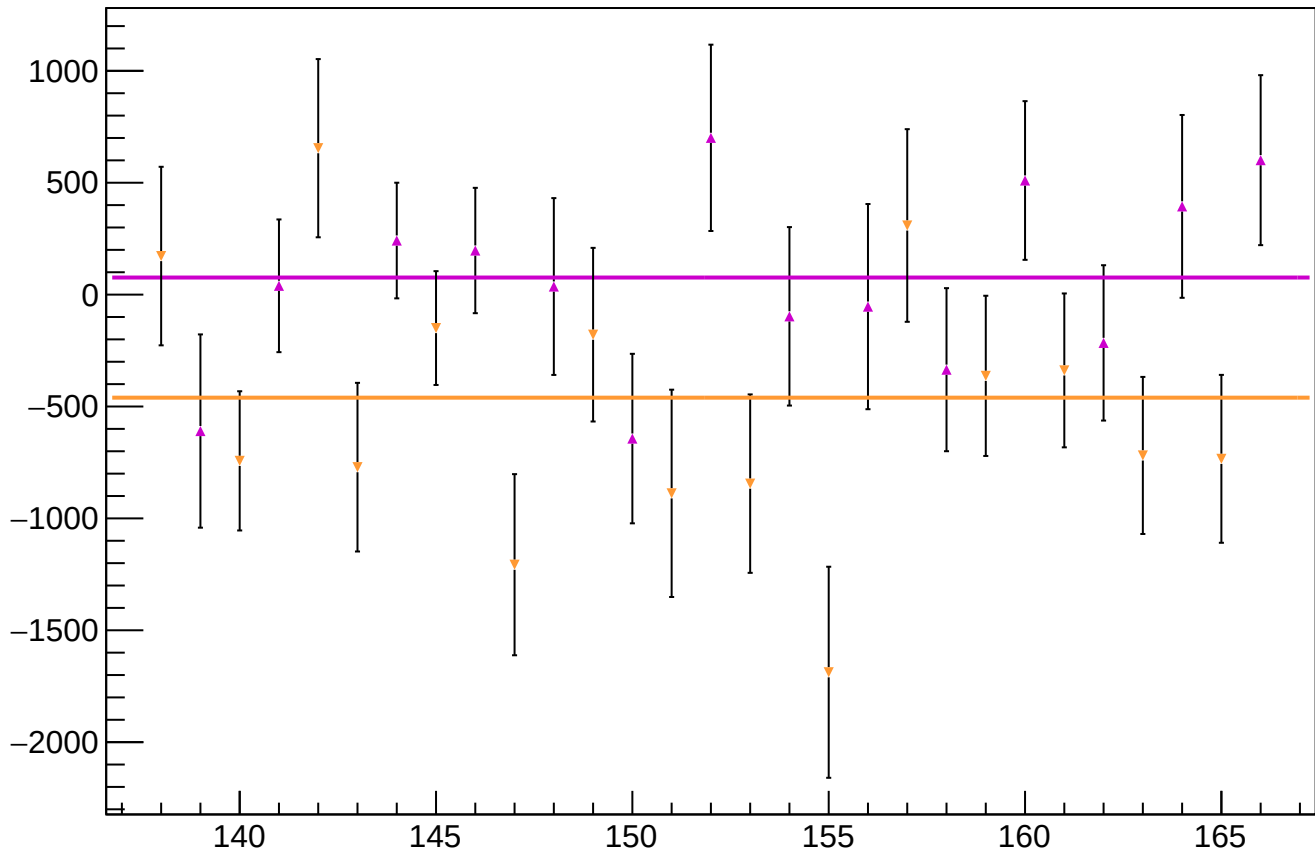
Left In: 78.472 $\pm$ 0.017 χ^2 /NDF: 83644.3/13

+ sign 83.007 $\pm$ 0.014 χ^2 /NDF: 1280134.6/31

All: 83.344 $\pm$ 0.010 χ^2 /NDF: 2797421.3/64

- sign 83.684 $\pm$ 0.014 χ^2 /NDF: 1516154.0/32

asym_sam7_correction_mean vs Slug



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

Left Out: -460.492 $\pm$ 95.128 χ^2 /NDF:30.3/14

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

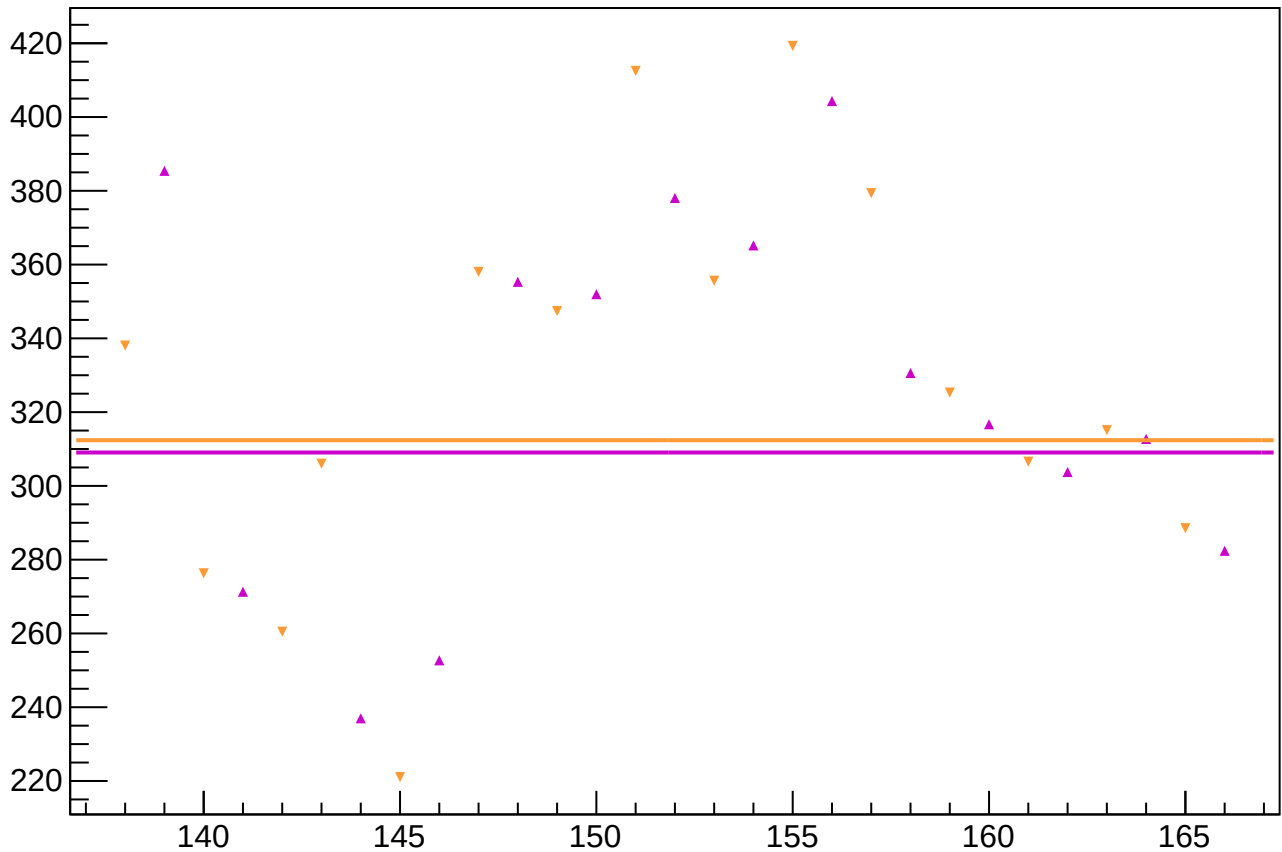
Left In: 76.352 $\pm$ 94.763 χ^2 /NDF:15.3/13

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

All: -191.037 $\pm$ 67.136 χ^2 /NDF: 61.6/28

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

asym_sam7_correction_rms vs Slug



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

Left Out: 312.383+/-0.067 χ^2/NDF : 648934.7/14

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

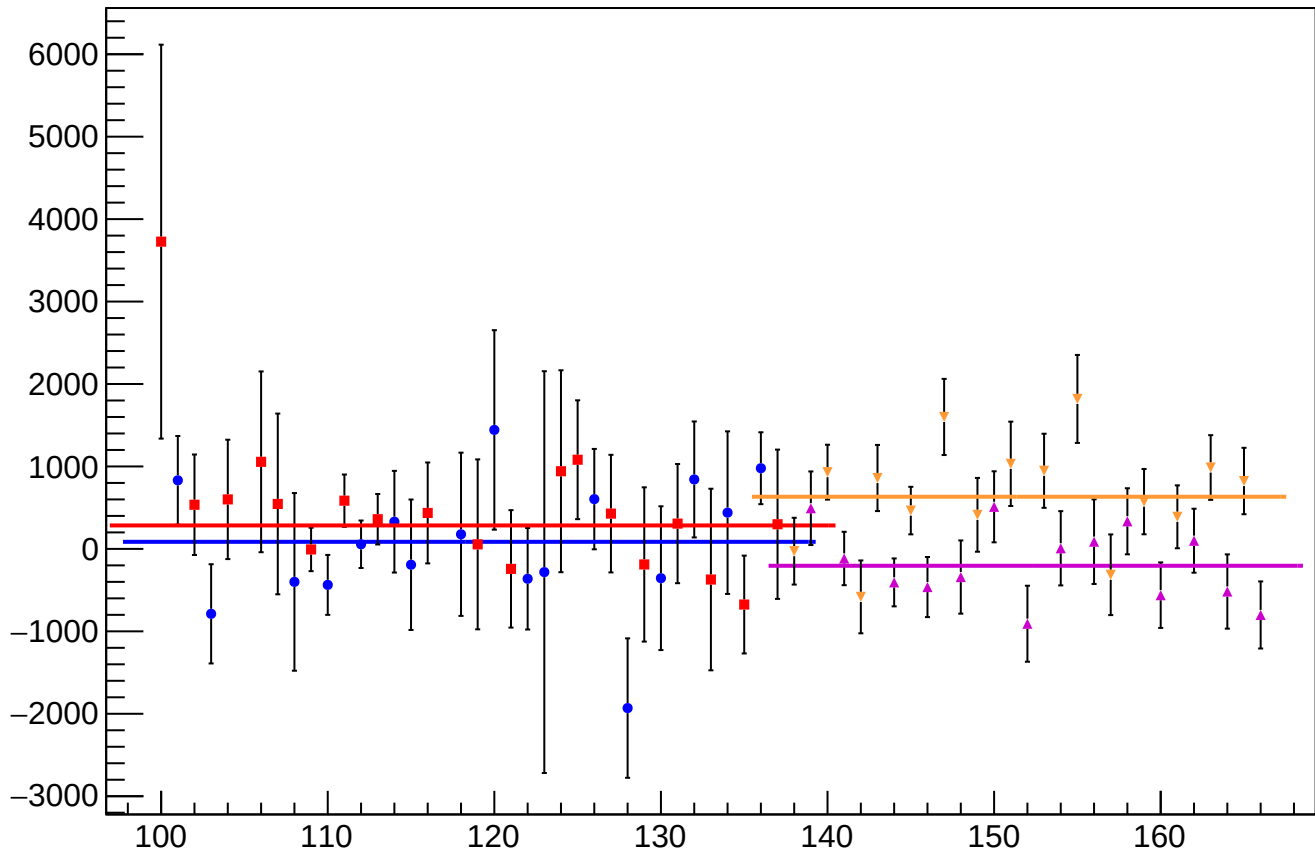
Left In: 309.053+/-0.067 χ^2/NDF : 583869.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.712+/-0.047 χ^2/NDF : 1234034.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: 85.810 ± 142.601 $\chi^2/\text{NDF}: 20.6/16$

Left Out: 632.596 ± 105.094 $\chi^2/\text{NDF}: 27.6/14$

Right Out: 284.456 ± 129.599 $\chi^2/\text{NDF}: 10.6/18$

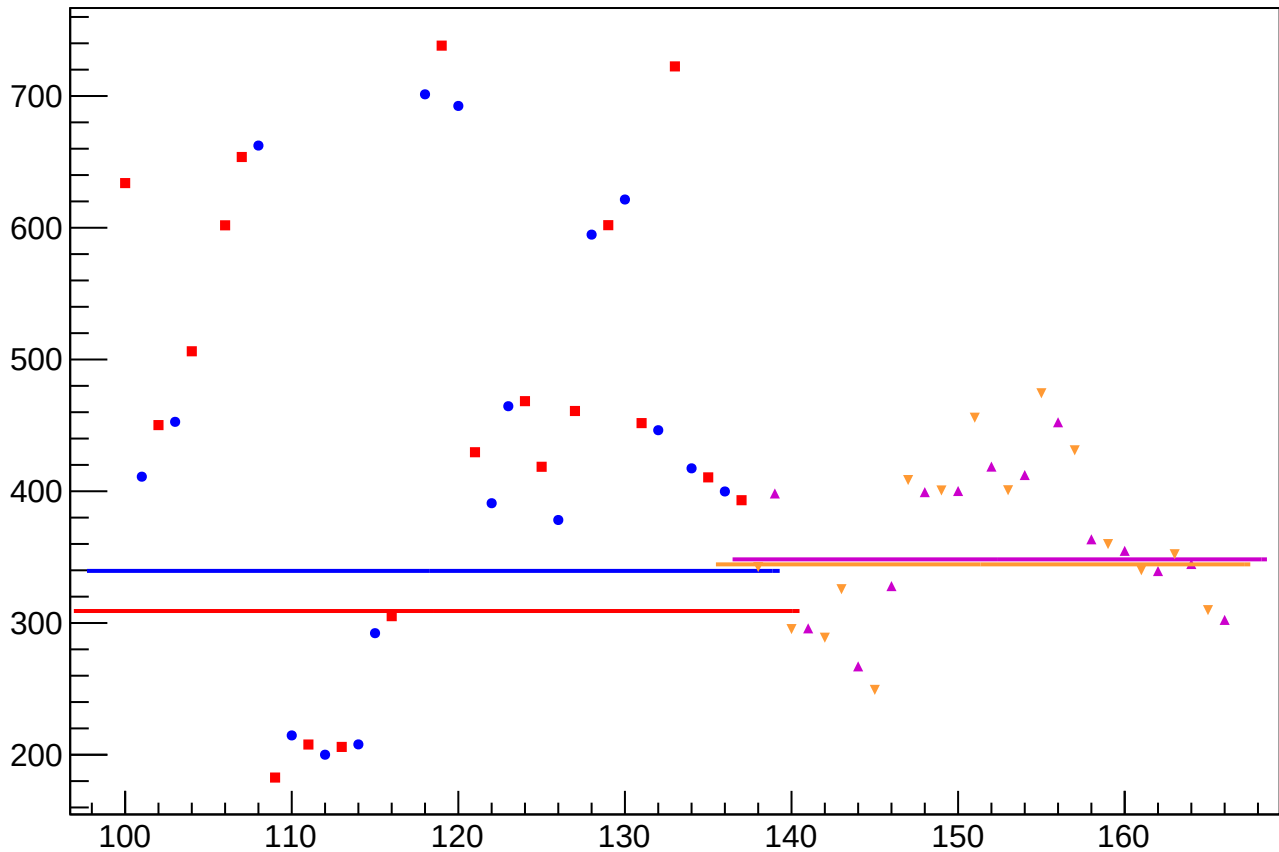
Left In: -204.724 ± 106.601 $\chi^2/\text{NDF}: 15.1/13$

+ sign 440.142 ± 84.601 $\chi^2/\text{NDF}: 57.6/31$

All: 210.321 ± 59.002 $\chi^2/\text{NDF}: 106.2/64$

- sign -7.317 ± 82.328 $\chi^2/\text{NDF}: 34.2/32$

asym_sam7_rms vs Slug



Right In: 339.553 ± 0.101 χ^2/NDF : 2042244.1/16

Left Out: 344.509 ± 0.074 χ^2/NDF : 694070.0/14

+ sign 342.764 ± 0.060 χ^2/NDF : 2737879.6/31

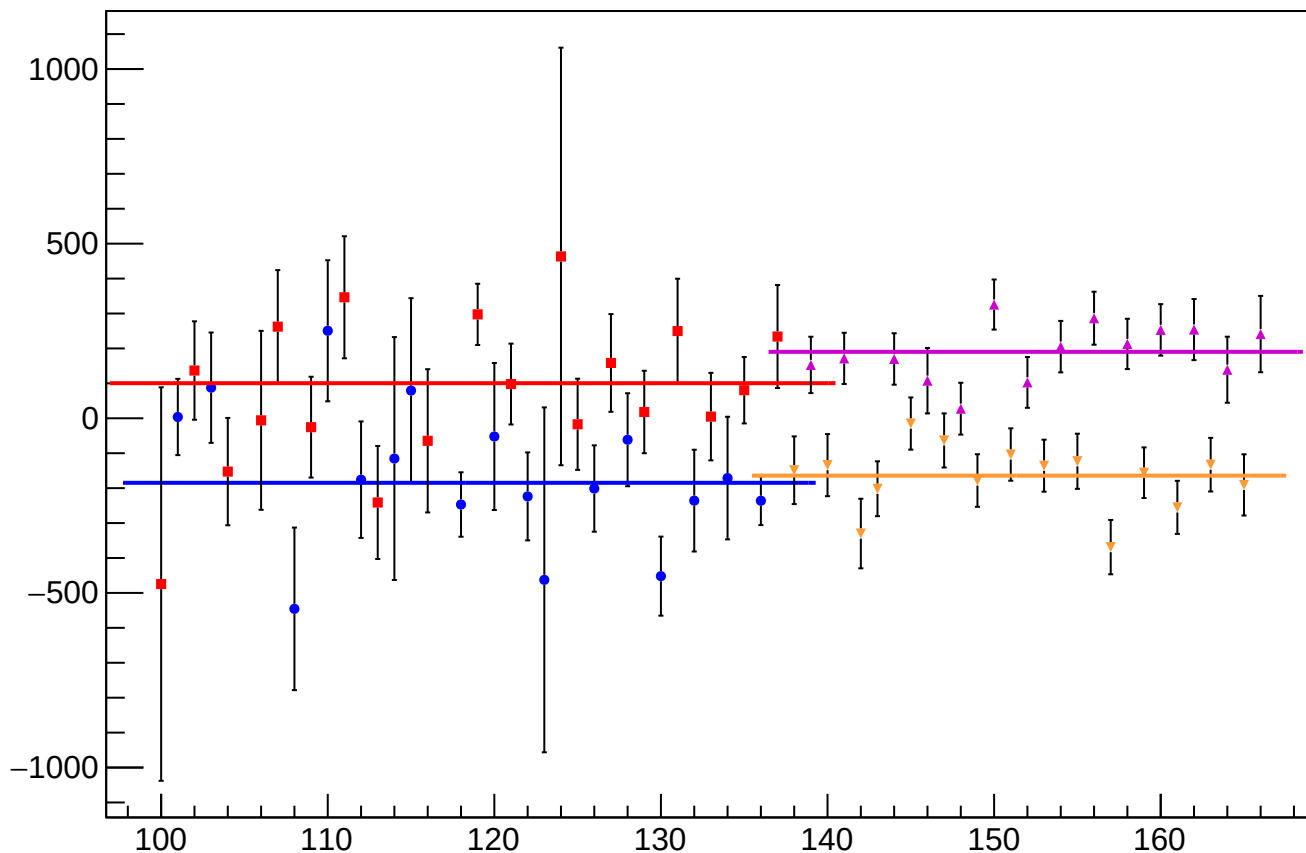
Right Out: 309.105 ± 0.092 χ^2/NDF : 2730308.7/18

All: 337.487 ± 0.042 χ^2/NDF : 6087178.1/64

- sign 332.489 ± 0.058 χ^2/NDF : 3334144.6/32

Left In: 348.309 ± 0.075 χ^2/NDF : 494673.3/13

dit_asym_sam8_mean vs Slug



Right In: -184.736 ± 33.009 χ^2/NDF : 22.4/16

Left Out: -164.190 ± 20.561 χ^2/NDF : 18.6/14

Right Out: 100.491 ± 32.512 χ^2/NDF : 22.2/18

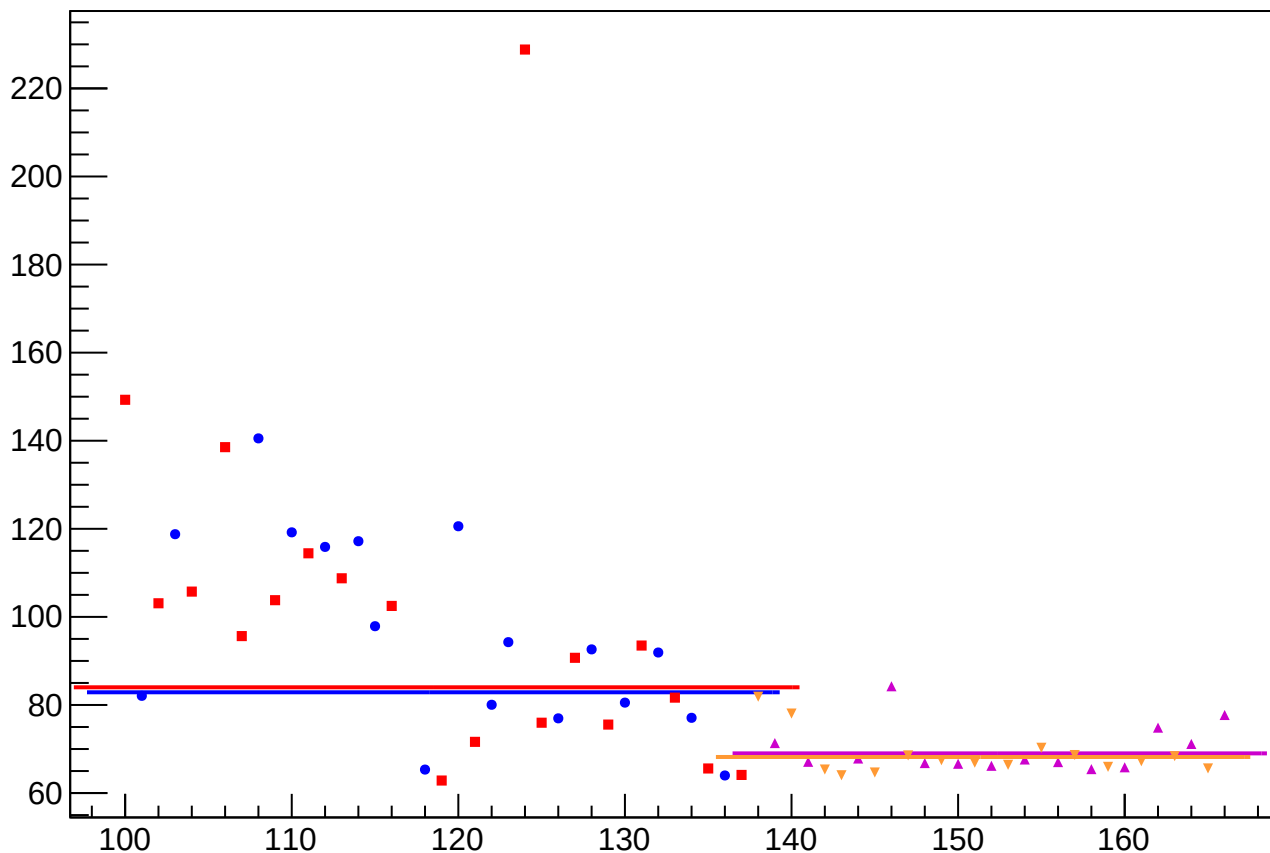
Left In: 190.301 ± 21.019 χ^2/NDF : 14.5/13

+ sign -169.933 ± 17.452 χ^2/NDF : 41.3/31

All: -4.946 ± 12.410 χ^2/NDF : 264.1/64

- sign 163.829 ± 17.651 χ^2/NDF : 42.0/32

dit_asym_sam8_rms vs Slug



Right In: 82.880+/-0.023 χ^2/NDF : 706417.7/16

Left Out: 68.191+/-0.015 χ^2/NDF : 83612.8/14

Right Out: 84.013+/-0.023 χ^2/NDF : 765400.6/18

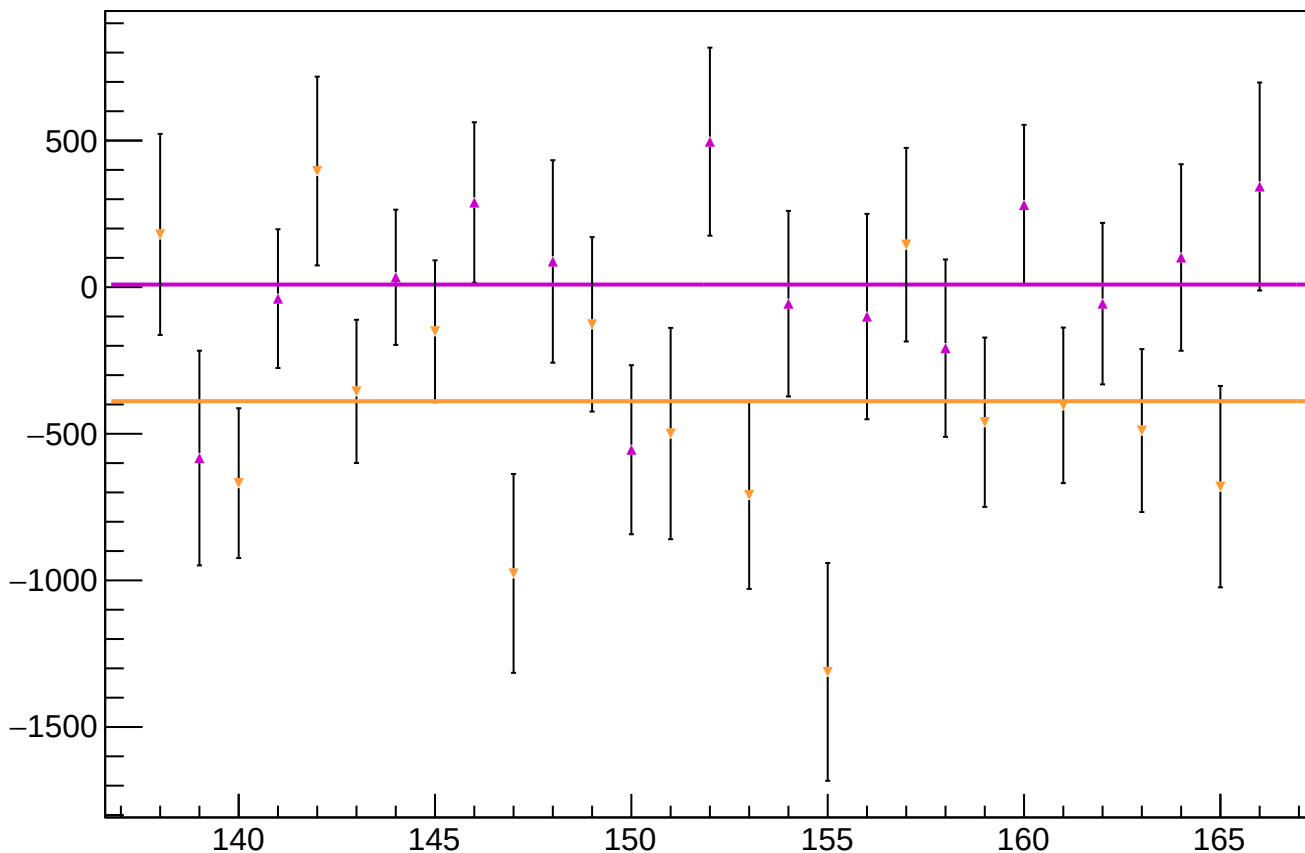
Left In: 69.009+/-0.015 χ^2/NDF : 96655.0/13

+ sign 72.297+/-0.012 χ^2/NDF : 1075387.6/31

All: 72.858+/-0.009 χ^2/NDF : 2242034.0/64

- sign 73.431+/-0.012 χ^2/NDF : 1162469.7/32

asym_sam8_correction_mean vs Slug



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

Left Out: -388.745+/-76.957 χ^2/NDF : 25.5/14

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

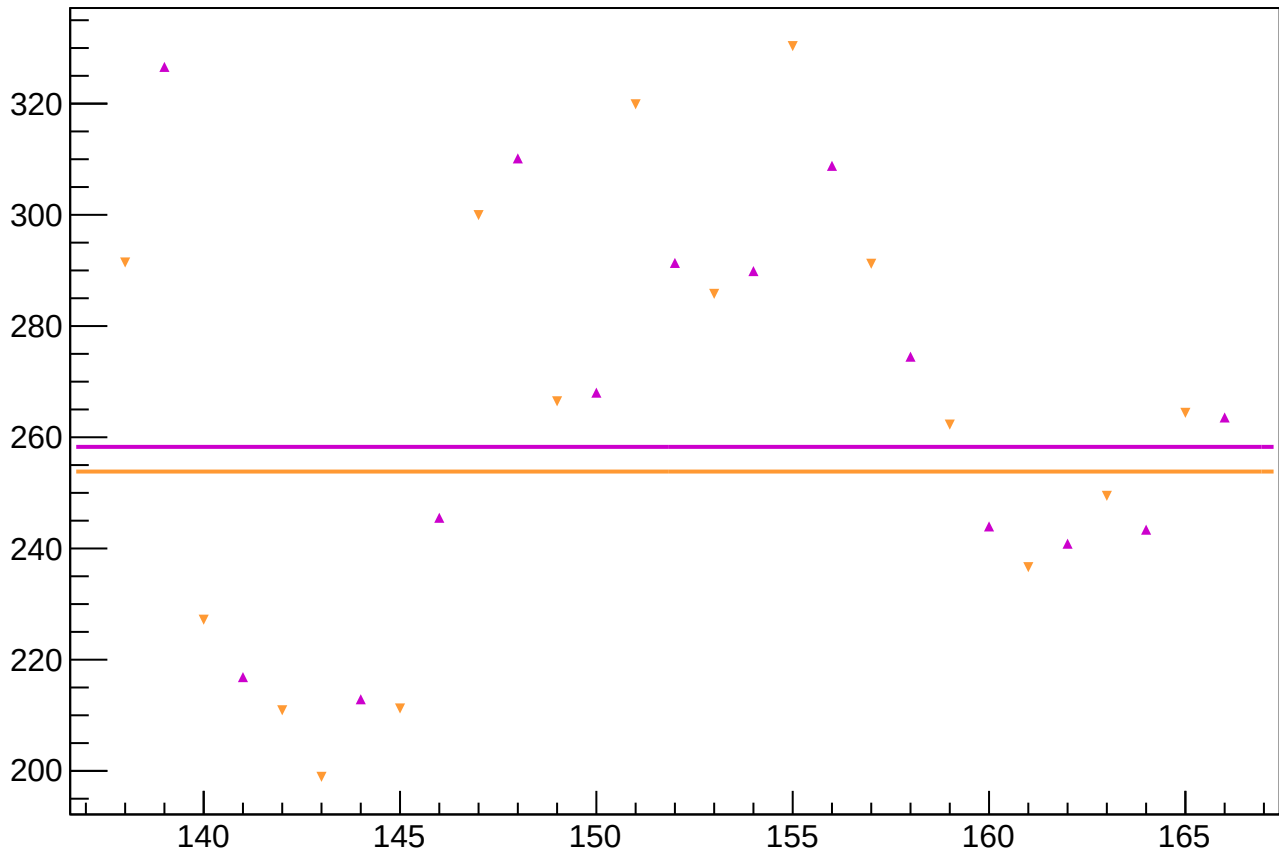
Left In: 8.912+/-78.781 χ^2/NDF : 12.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -194.573+/-55.051 χ^2/NDF : 51.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_correction_rms vs Slug



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

Left Out: 253.834+/-0.054 χ^2/NDF : 495162.9/14

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

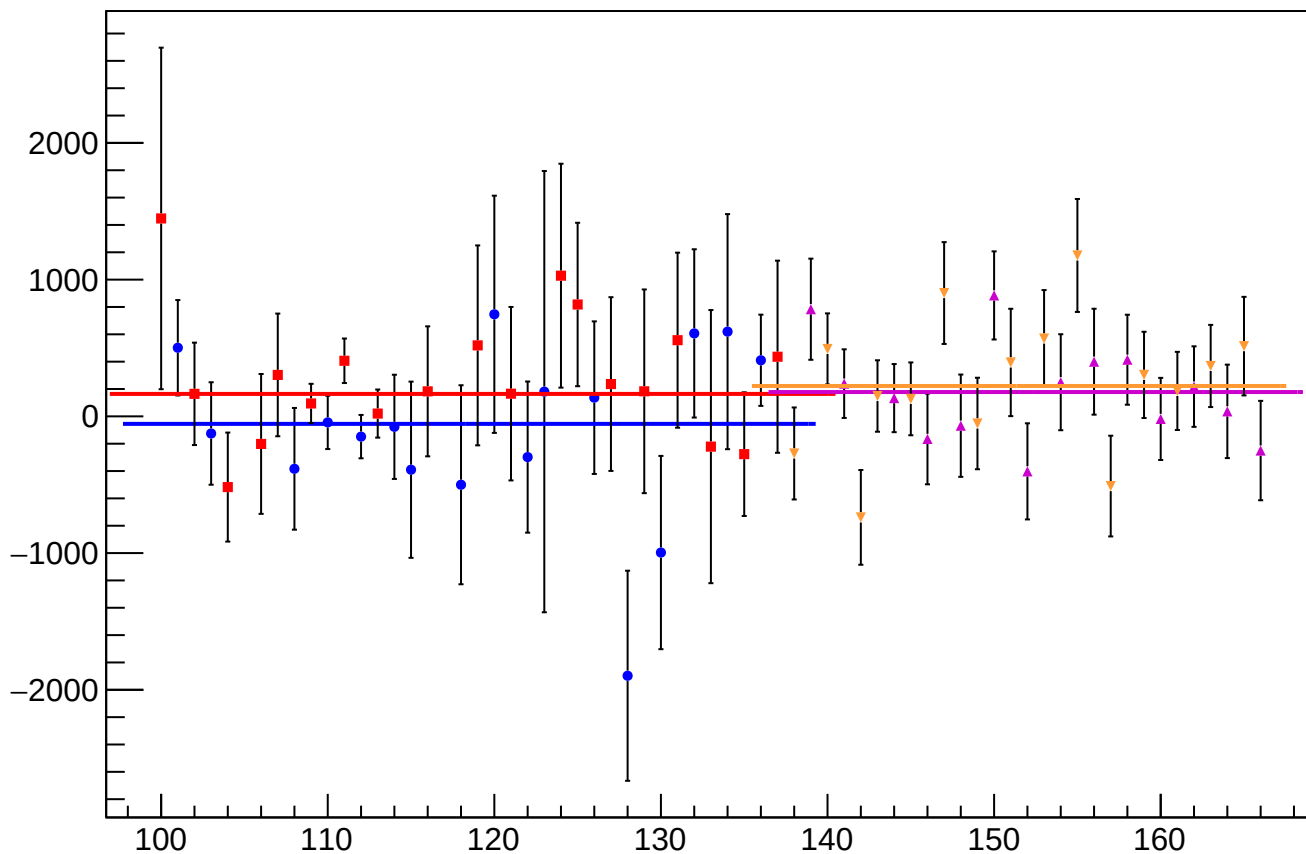
Left In: 258.273+/-0.056 χ^2/NDF : 367159.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.002+/-0.039 χ^2/NDF : 865570.5/28

- 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: 222.139 ± 82.880 $\chi^2/\text{NDF}: 26.6/14$

Right Out: 164.141 ± 76.903 $\chi^2/\text{NDF}: 11.9/18$

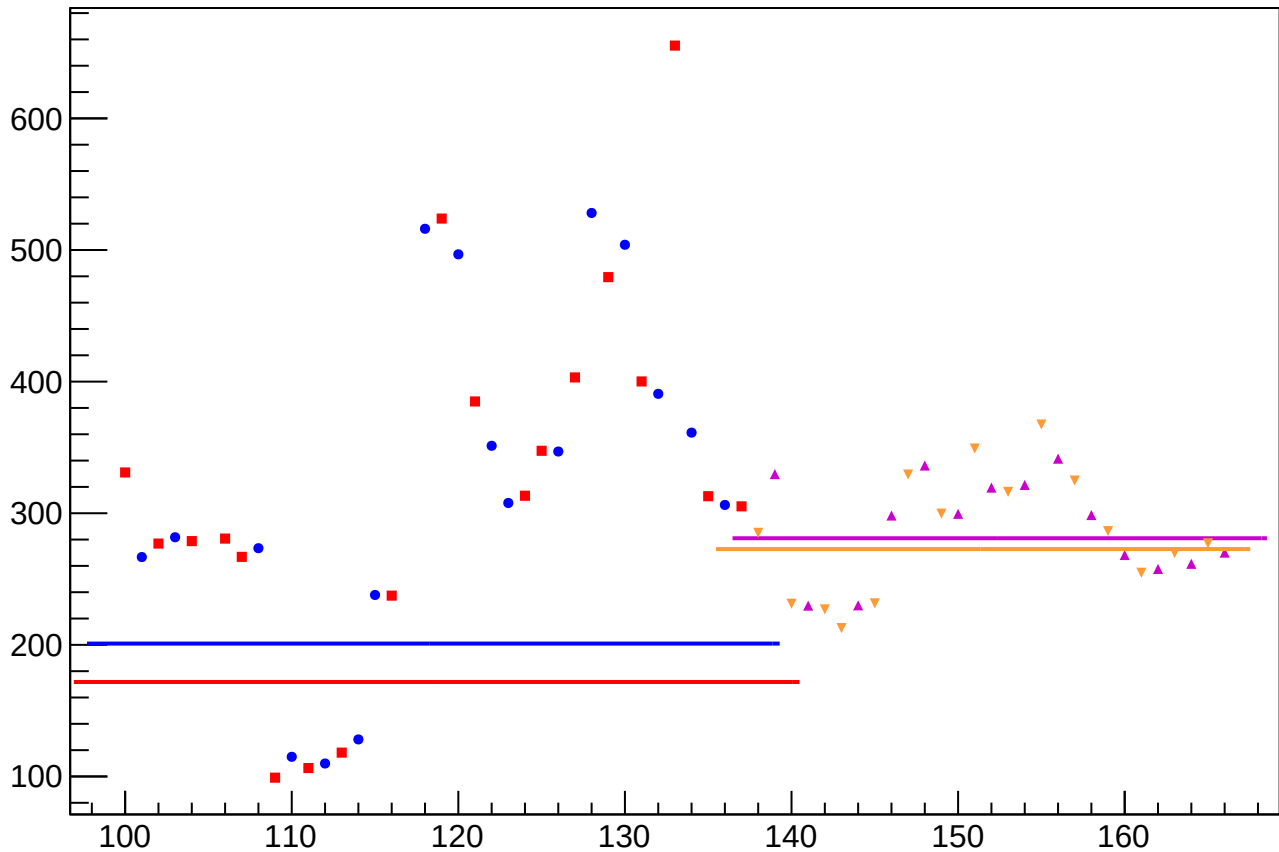
Left In: 177.783 ± 85.746 $\chi^2/\text{NDF}: 14.7/13$

+ sign 95.536 ± 61.077 $\chi^2/\text{NDF}: 48.2/31$

All: 135.292 ± 41.770 $\chi^2/\text{NDF}: 75.6/64$

- sign 170.223 ± 57.251 $\chi^2/\text{NDF}: 26.6/32$

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 272.767+/-0.059 χ^2/NDF : 564127.6/14

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

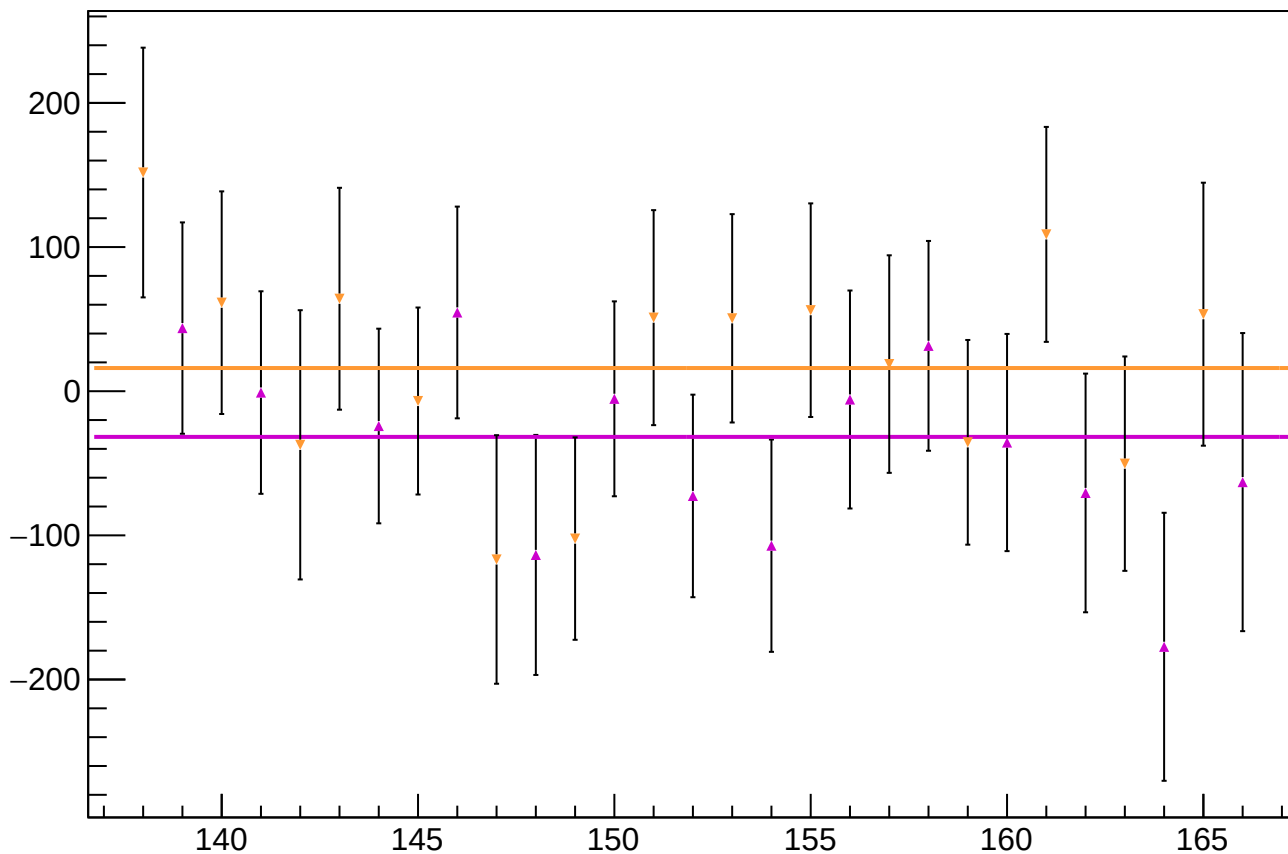
Left In: 281.000+/-0.061 χ^2/NDF : 386836.0/13

+ sign 239.961+/-0.043 χ^2/NDF : 4686052.3/31

All: 229.590+/-0.030 χ^2/NDF : 11071782.6/64

- sign 220.477+/-0.040 χ^2/NDF : 6277393.1/32

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 16.080 $\pm$ 19.734 χ^2 /NDF:12.6/14

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

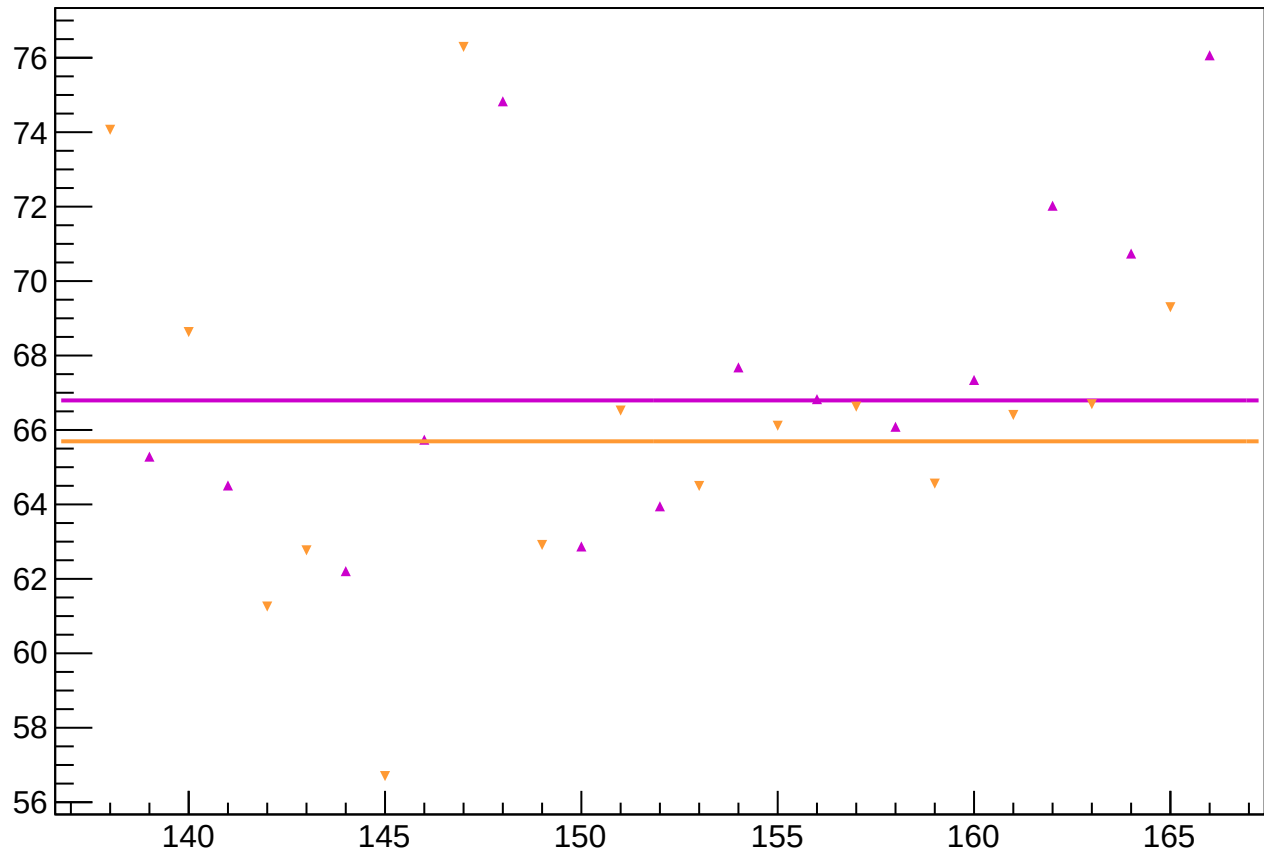
Left In: -31.688 $\pm$ 20.251 χ^2 /NDF:8.8/13

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

All: -7.187 $\pm$ 14.134 χ^2 /NDF: 24.3/28

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

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.695+/-0.014 χ^2/NDF :106109.9/14

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

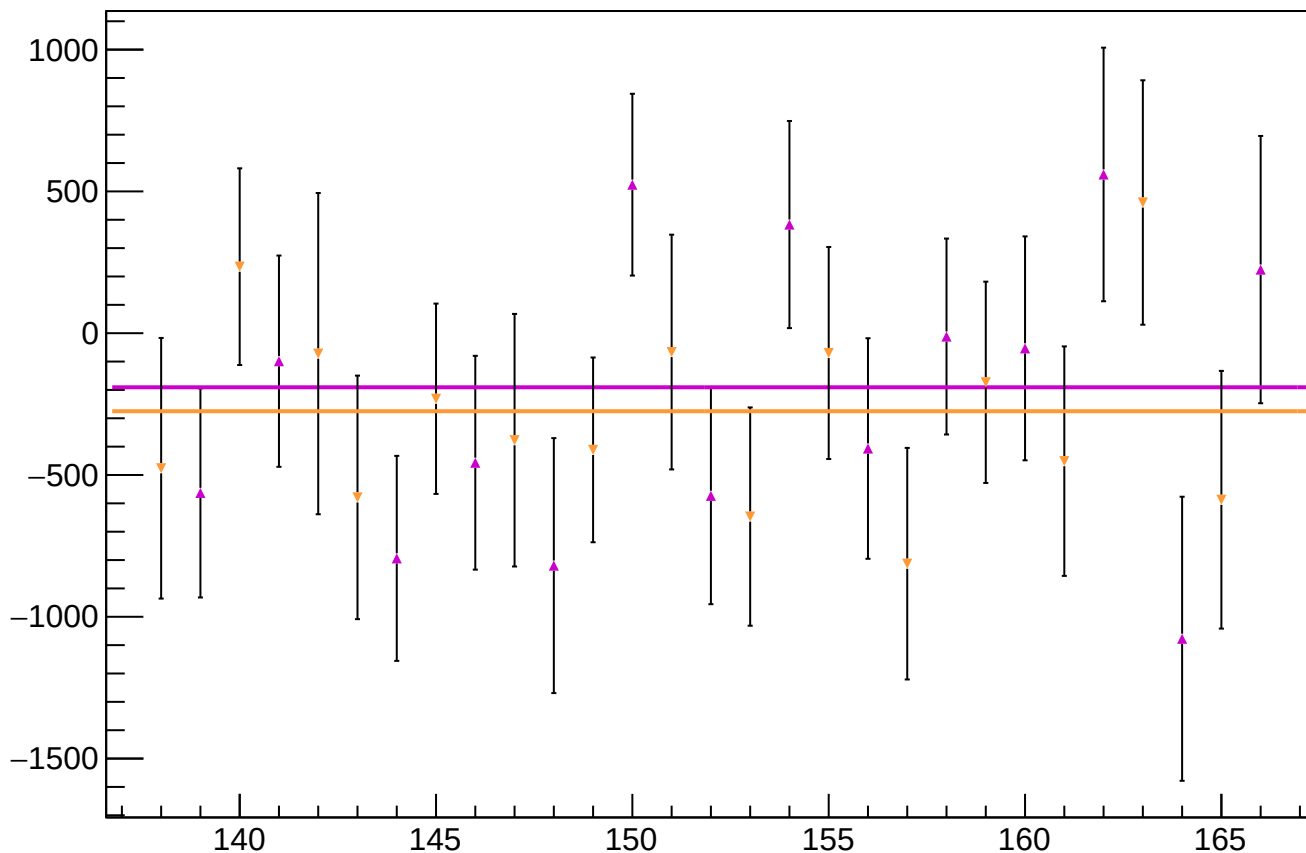
Left In: 66.794+/-0.014 χ^2/NDF :69499.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.230+/-0.010 χ^2/NDF : 178629.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -275.138+/-102.623 χ^2/NDF :10.1/14

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

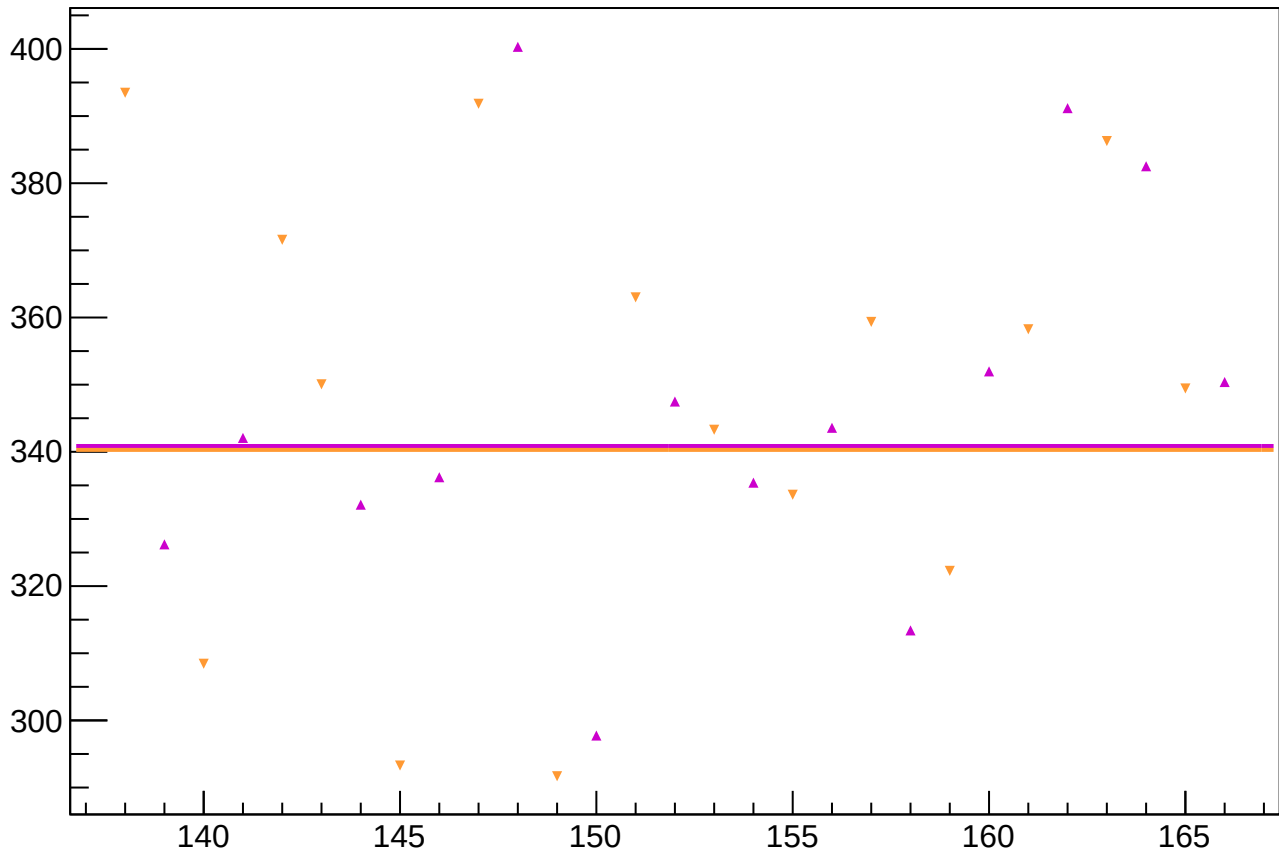
Left In: -190.750+/-103.595 χ^2/NDF :22.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.342+/-72.907 χ^2/NDF : 32.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_rms vs Slug



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

Left Out: 340.286+/-0.073 χ^2/NDF : 205184.7/14

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

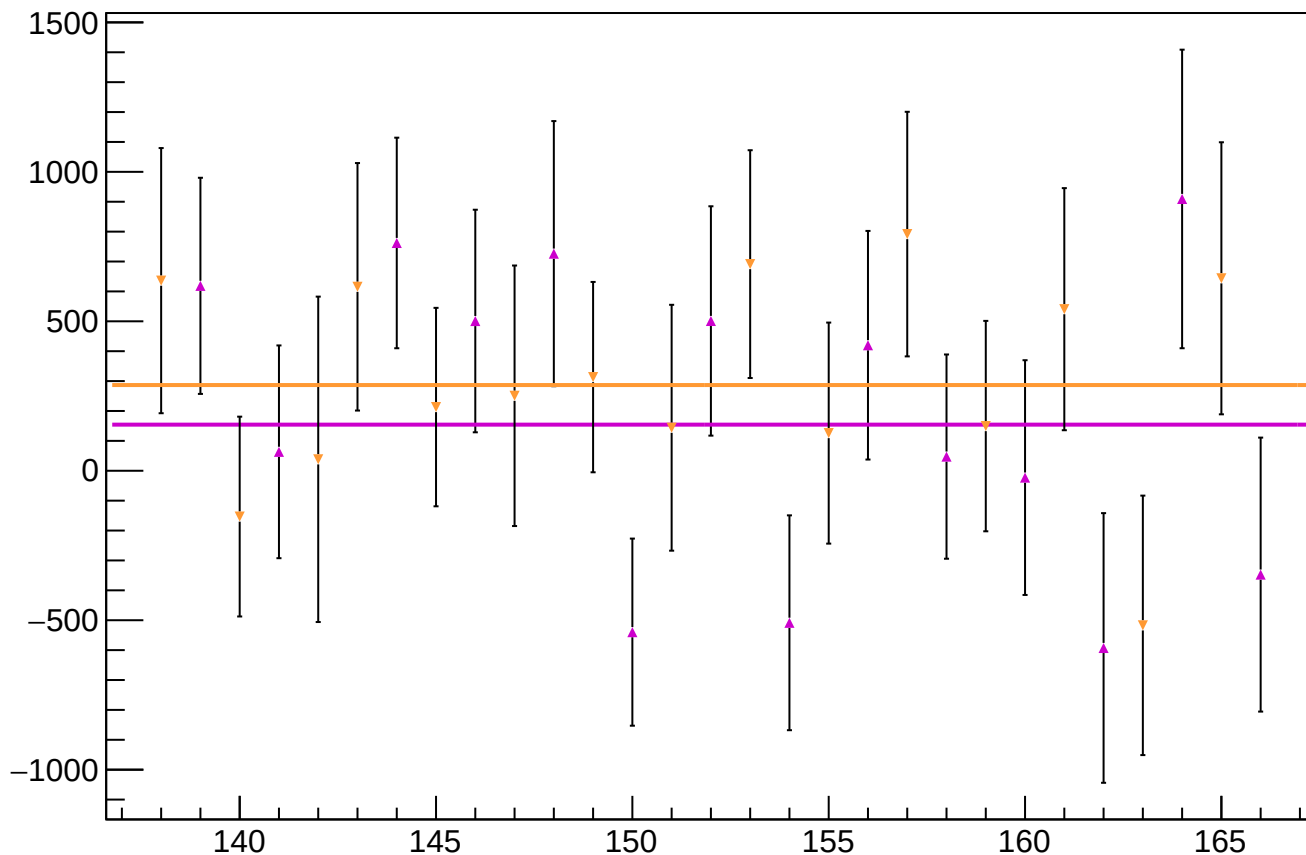
Left In: 340.866+/-0.073 χ^2/NDF : 131171.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.573+/-0.052 χ^2/NDF : 336387.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



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

Left Out: 286.742+/-101.093 χ^2/NDF :10.8/14

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

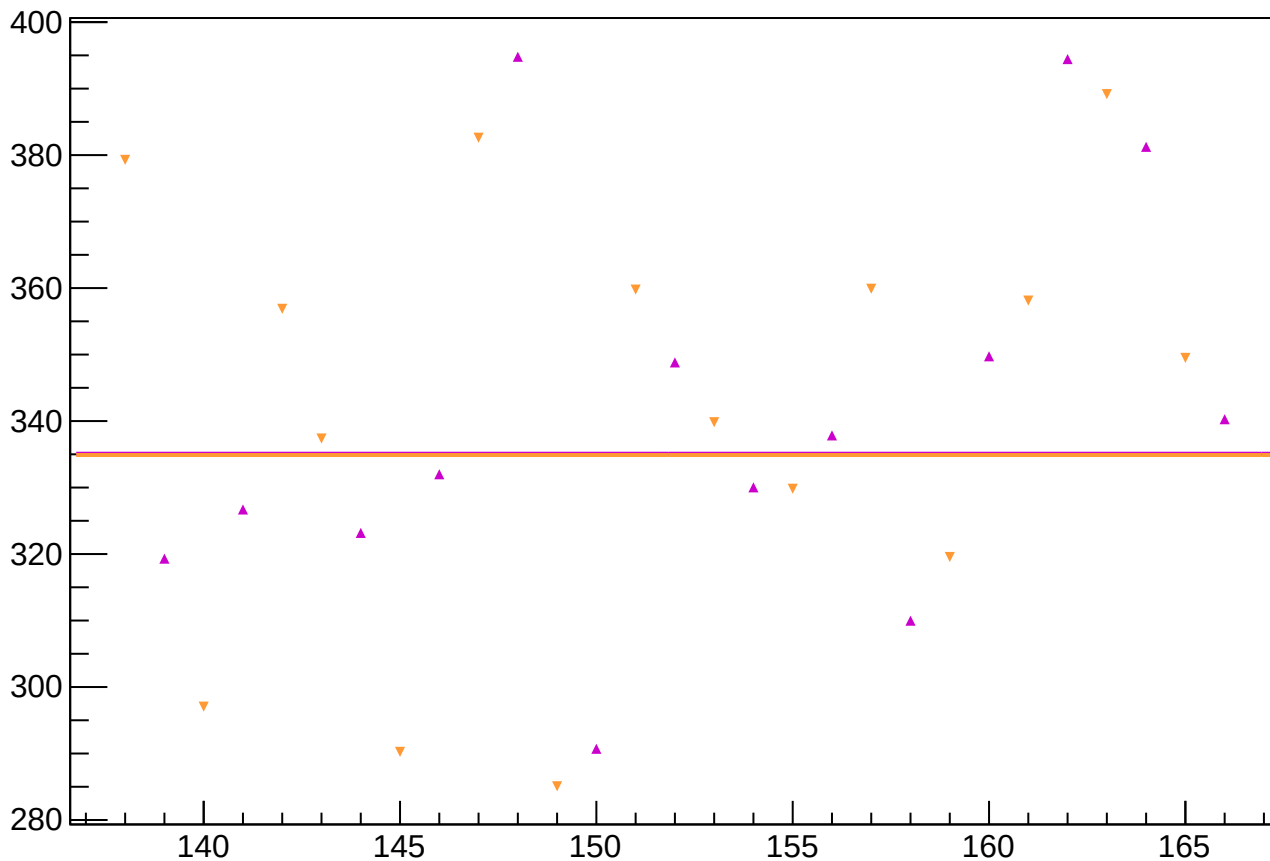
Left In: 154.292+/-101.939 χ^2/NDF :23.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.069+/-71.781 χ^2/NDF : 35.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_rms vs Slug



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

Left Out: 334.893+/-0.071 χ^2/NDF : 217365.5/14

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

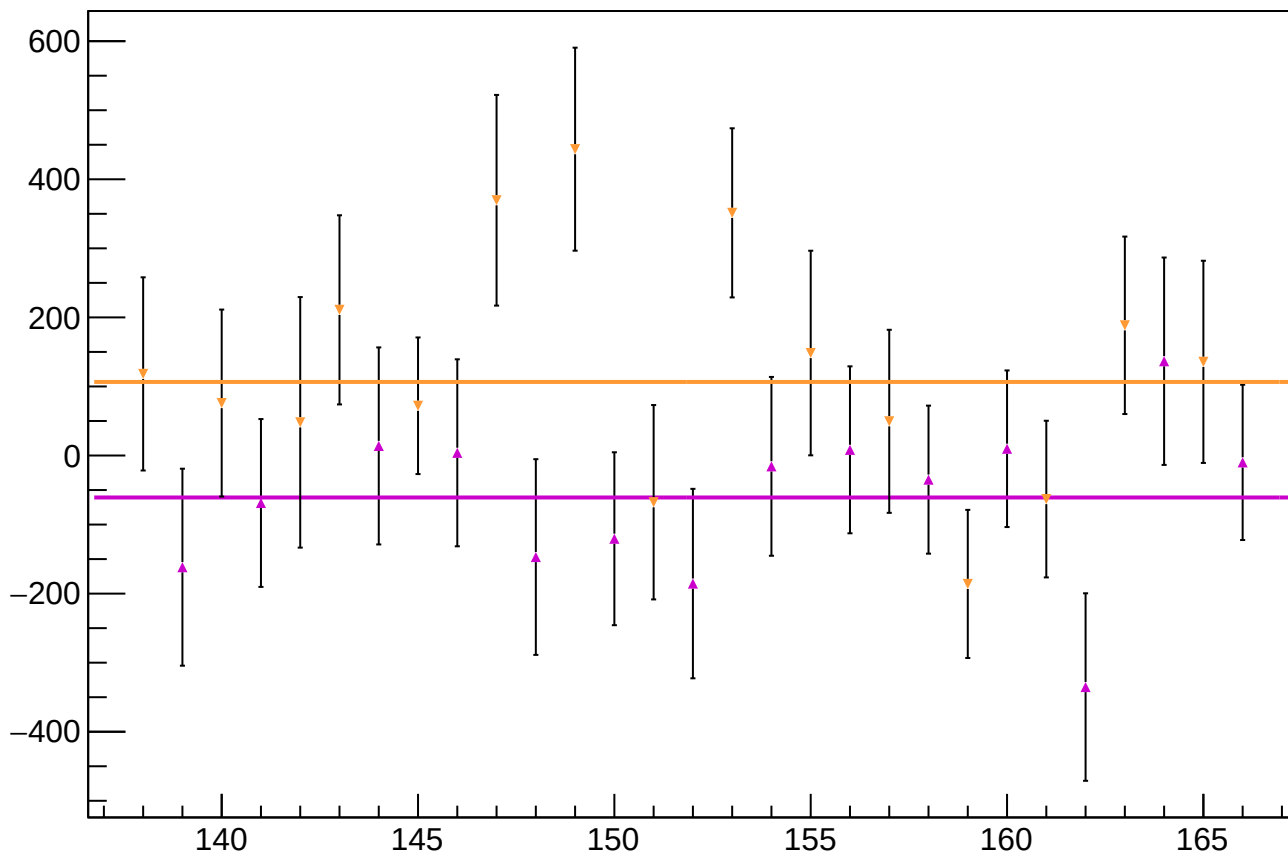
Left In: 335.087+/-0.072 χ^2/NDF : 152413.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.989+/-0.051 χ^2/NDF : 369782.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



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

Left Out: 106.532+/-33.856 χ^2/NDF : 25.0/14

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

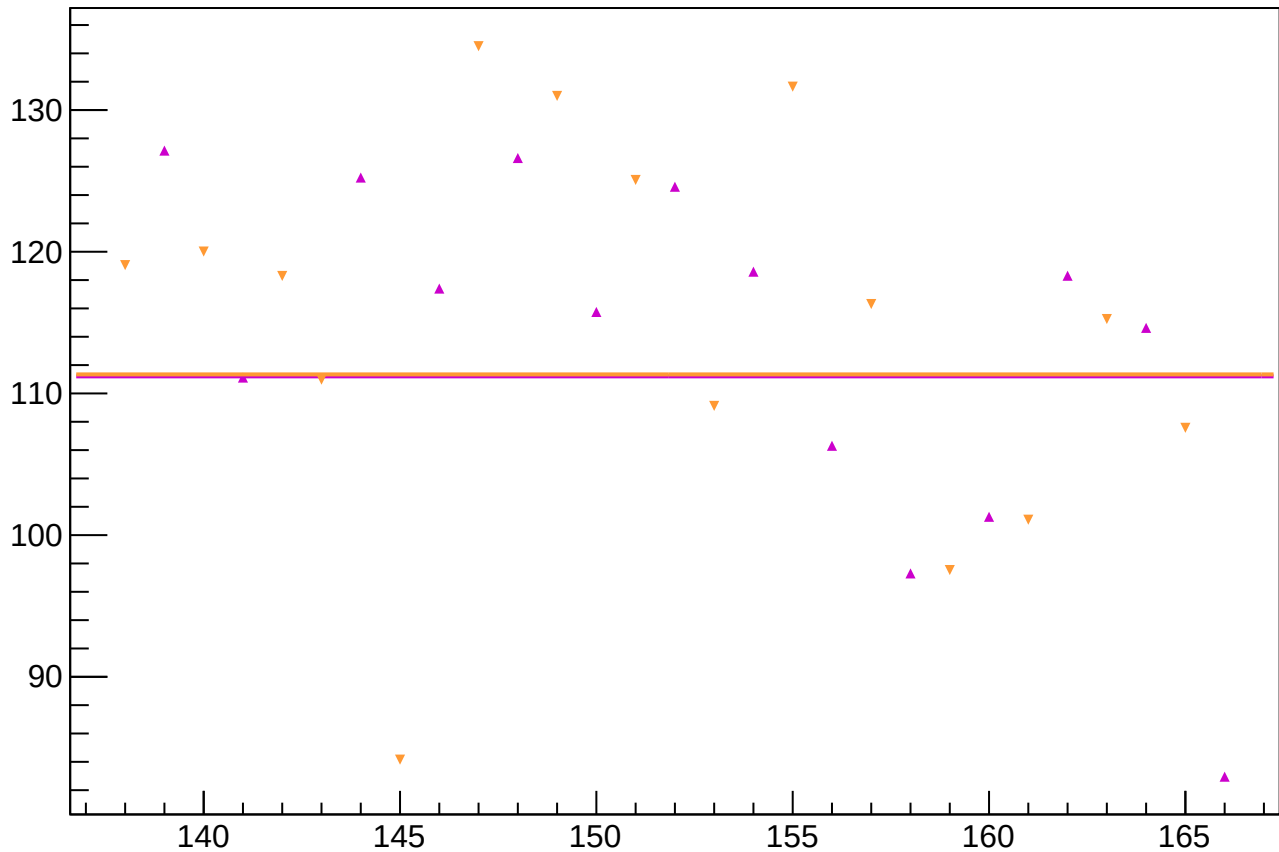
Left In: -60.783+/-34.141 χ^2/NDF : 9.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.575+/-24.040 χ^2/NDF : 46.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 111.344+/-0.024 χ^2/NDF : 362946.5/14

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

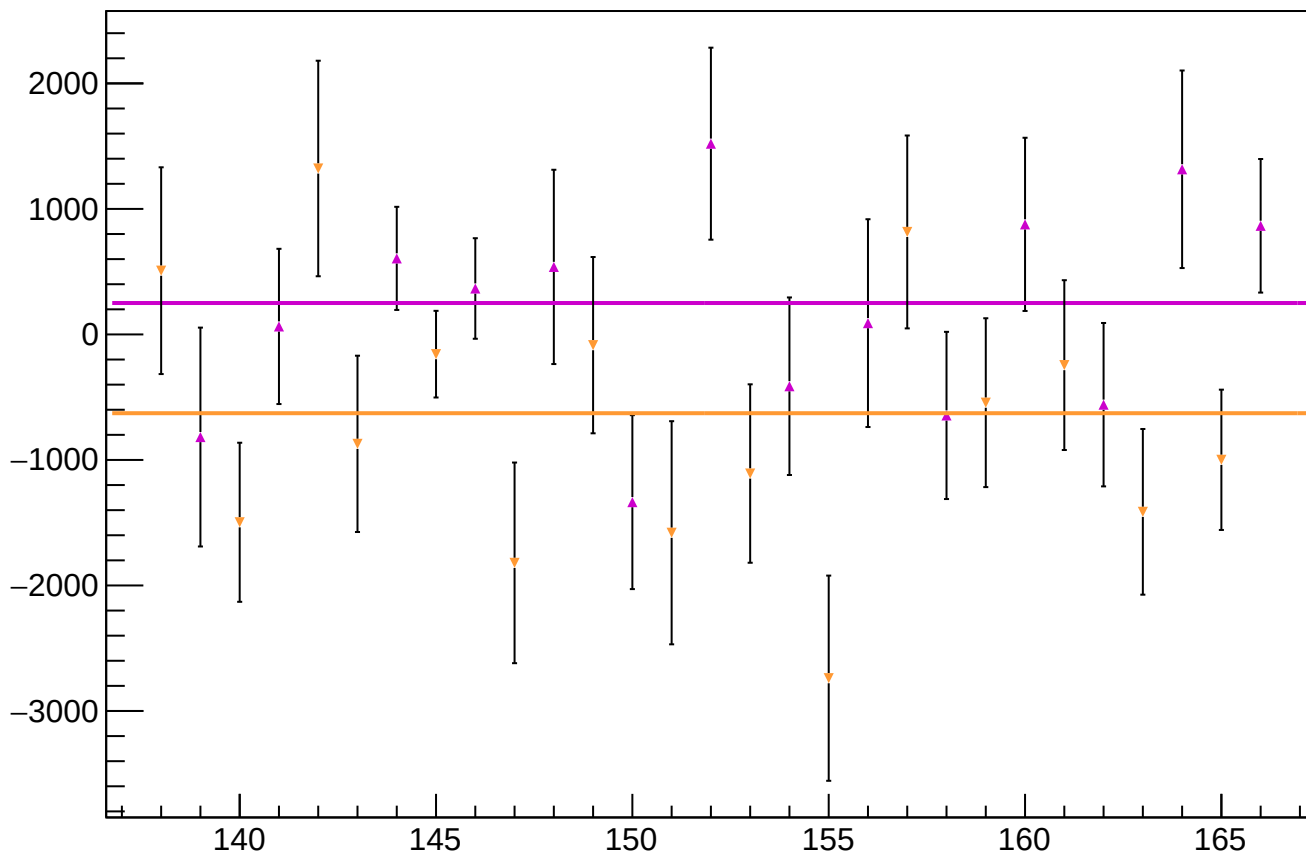
Left In: 111.205+/-0.024 χ^2/NDF : 285362.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.275+/-0.017 χ^2/NDF : 648325.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -627.613+/-167.454 χ^2/NDF : 27.7/14

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

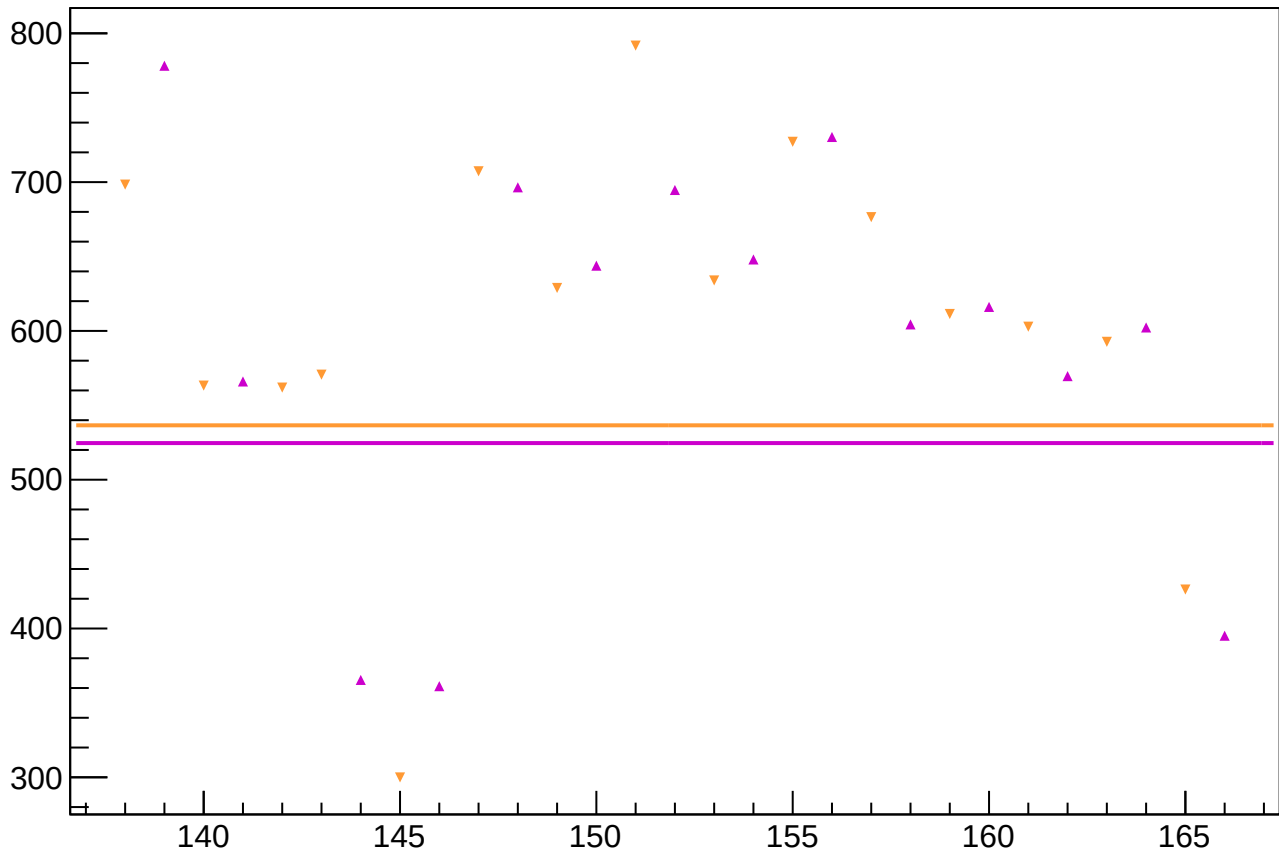
Left In: 250.317+/-164.686 χ^2/NDF : 18.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.332+/-117.417 χ^2/NDF : 60.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_rms vs Slug



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

Left Out: 536.557+/-0.118 χ^2/NDF :1666794.0/14

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

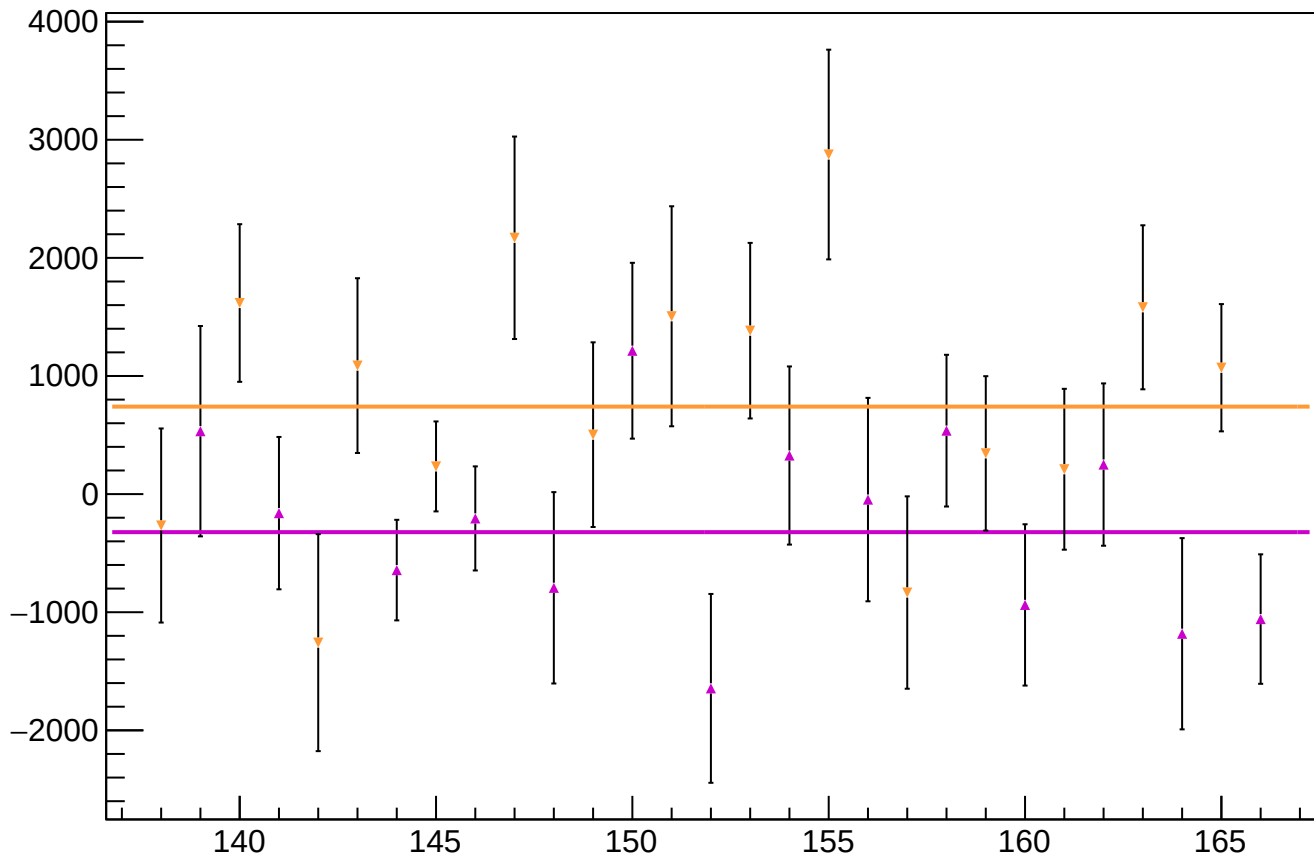
Left In: 524.620+/-0.116 χ^2/NDF :1463700.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.489+/-0.083 χ^2/NDF : 3135660.8/28

- 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: 740.636+/-175.715 χ^2/NDF : 26.6/14

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

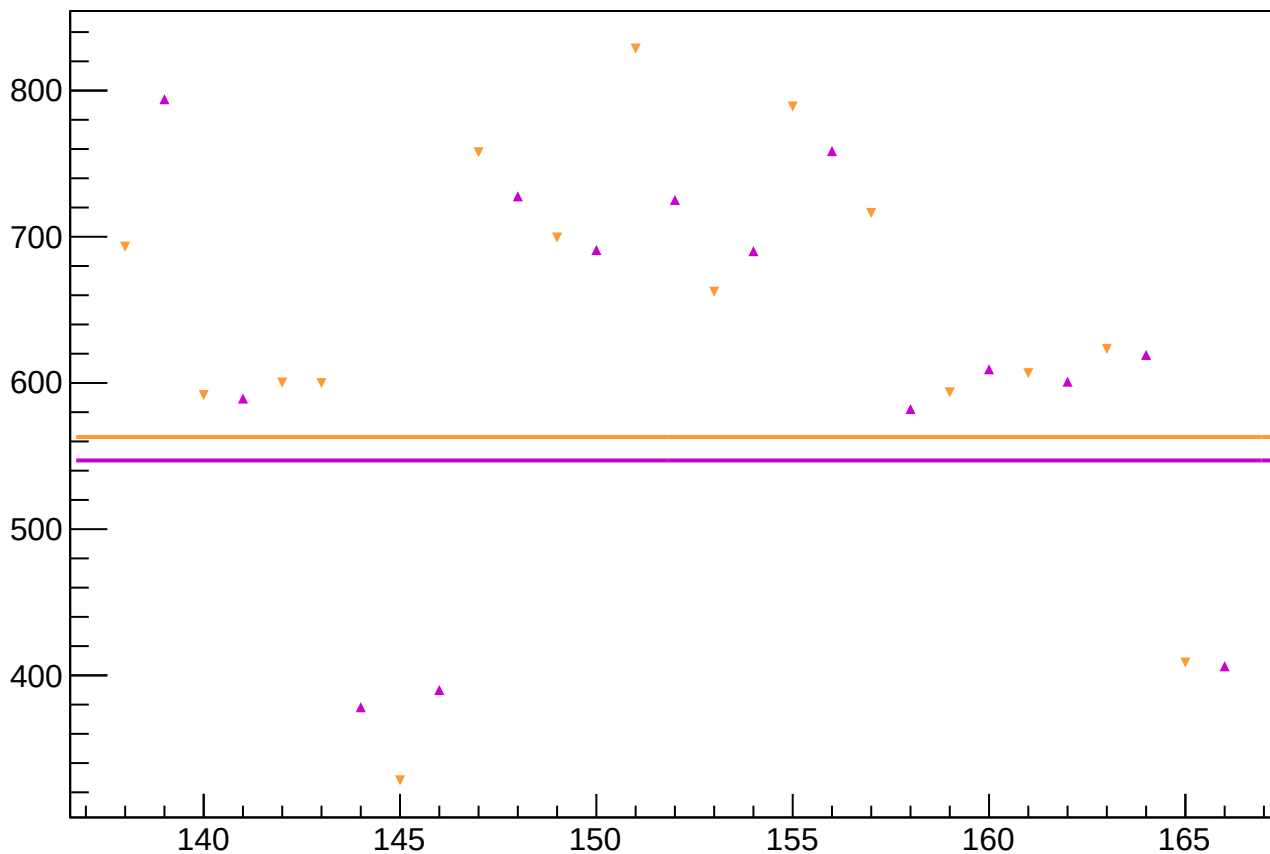
Left In: -322.118+/-171.828 χ^2/NDF : 16.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.375+/-122.852 χ^2/NDF : 61.3/28

- 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: 563.023+/-0.124 χ^2/NDF :1577875.7/14

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

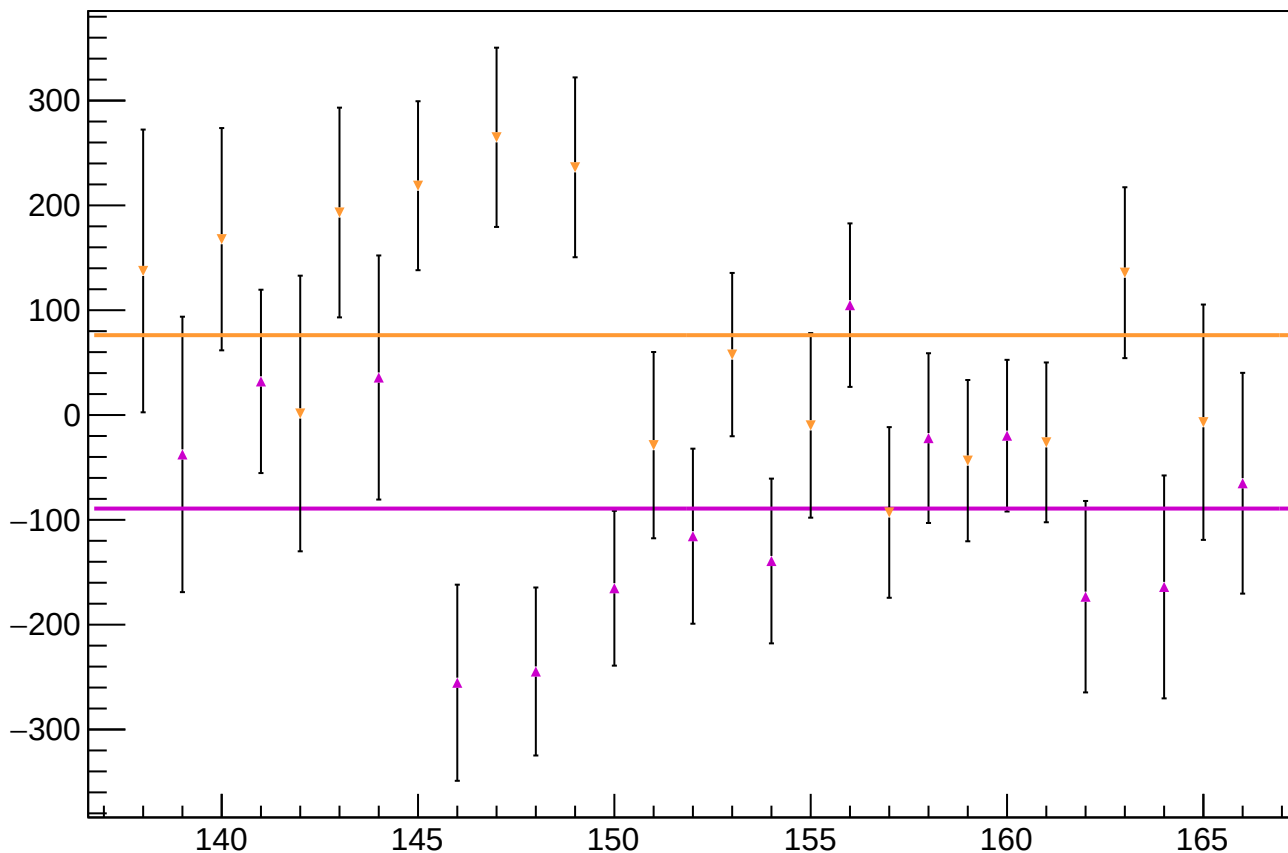
Left In: 546.996+/-0.122 χ^2/NDF :1380045.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.830+/-0.087 χ^2/NDF : 2966426.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug



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

Left Out: 76.179+/-23.121 χ^2/NDF : 26.2/14

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

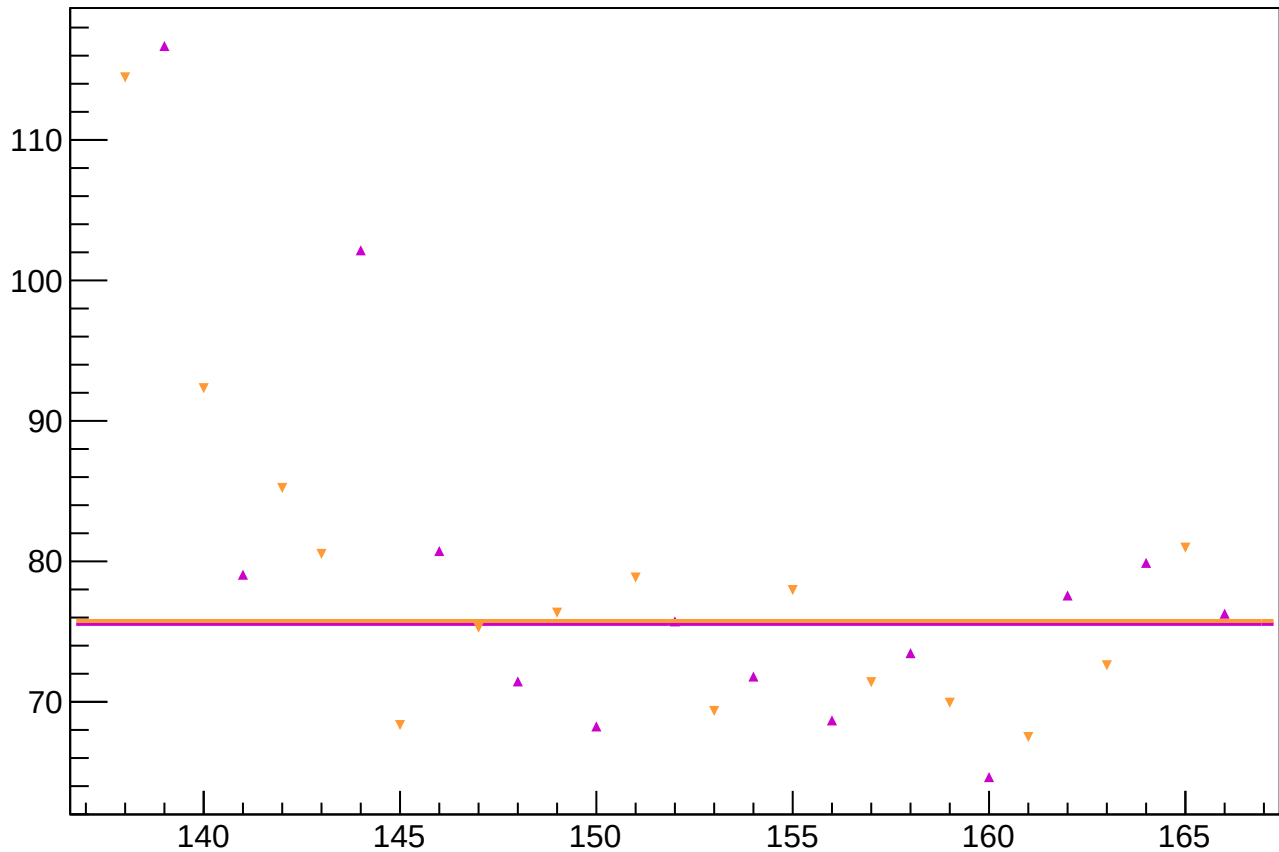
Left In: -89.234+/-23.392 χ^2/NDF : 20.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.567+/-16.444 χ^2/NDF : 72.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_rms vs Slug



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

Left Out: 75.755+/-0.016 χ^2/NDF : 310641.7/14

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

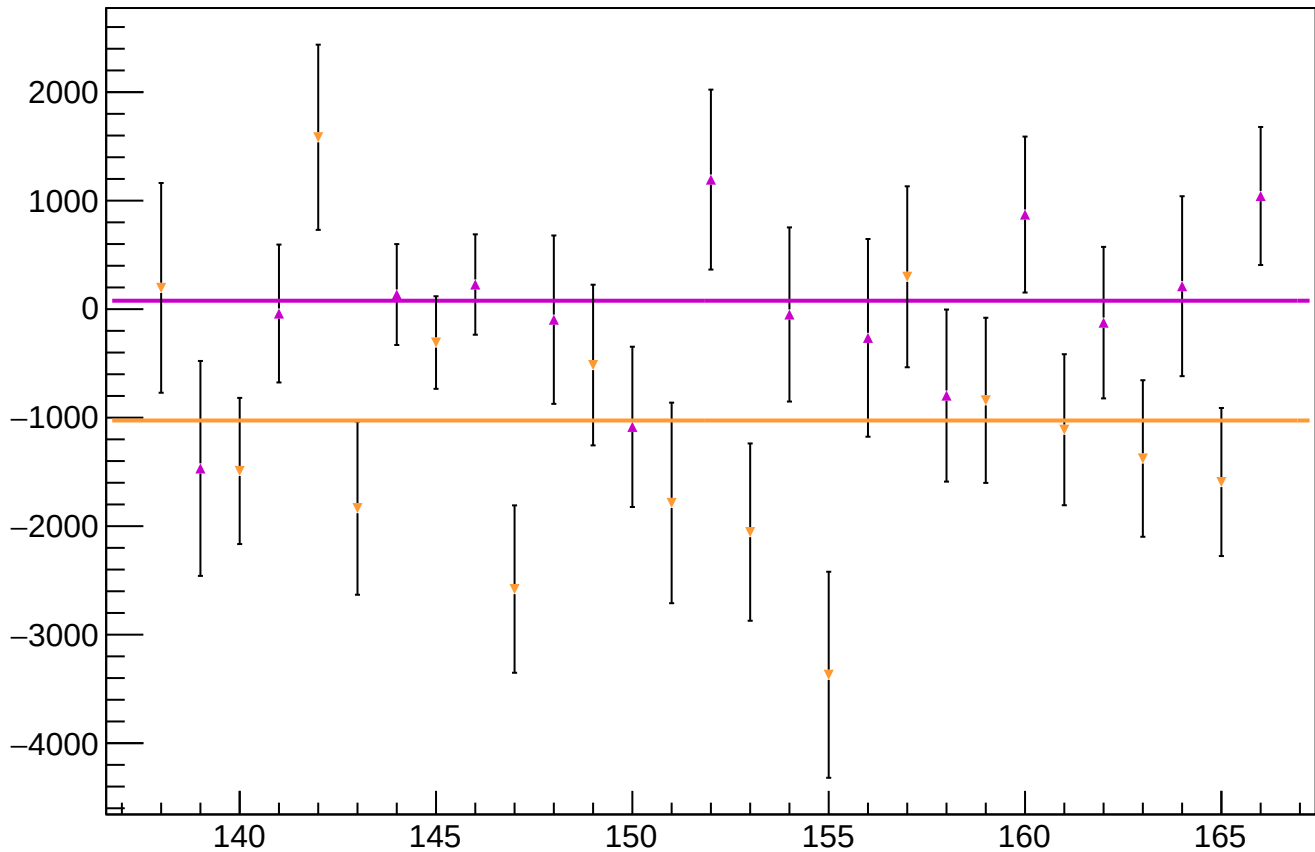
Left In: 75.550+/-0.017 χ^2/NDF : 405781.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.654+/-0.012 χ^2/NDF : 716500.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_mean vs Slug



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

Left Out: -1026.213 $\pm$ 188.003 χ^2 /NDF:31.7/14

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

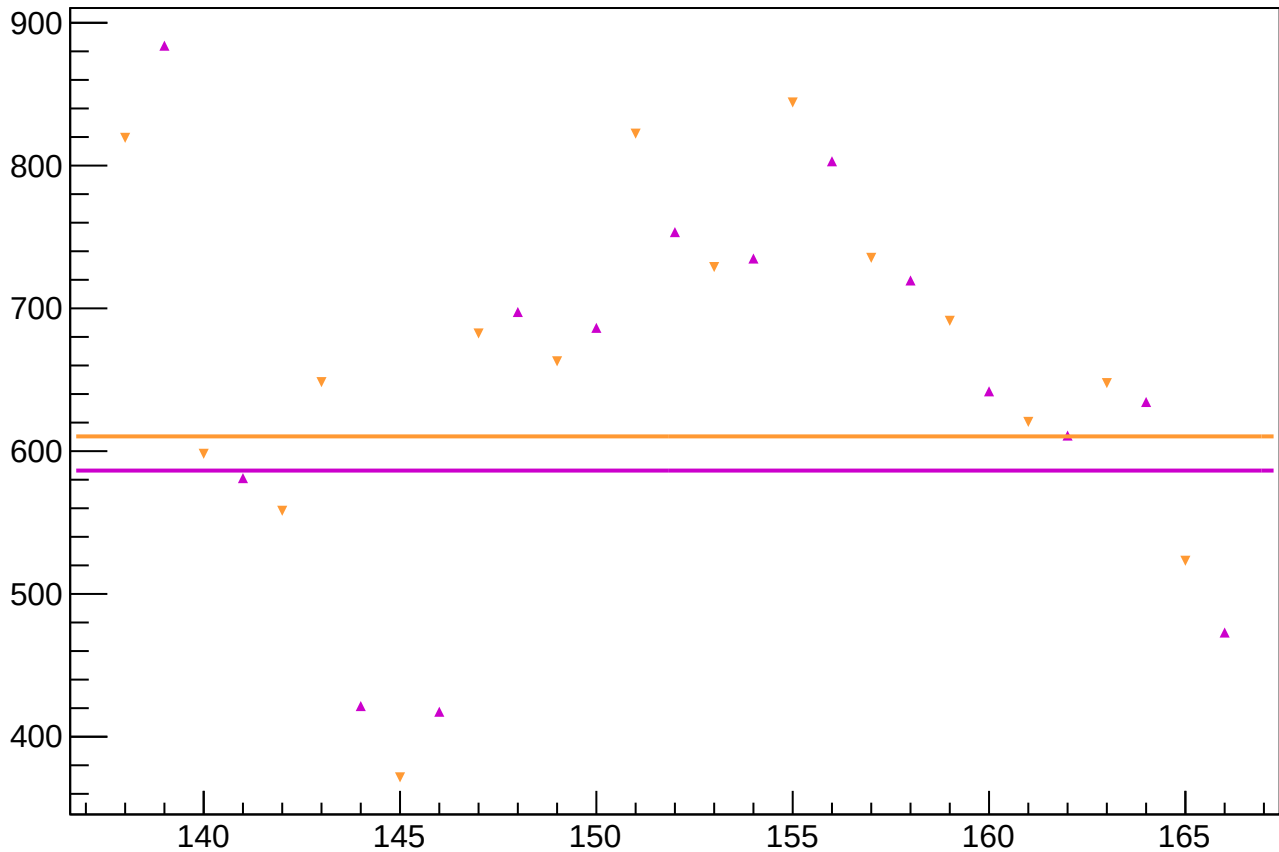
Left In: 77.661 $\pm$ 182.566 χ^2 /NDF:11.9/13

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

All: -458.083 $\pm$ 130.974 χ^2 /NDF: 61.4/28

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

asym_sam_37_avg_correction_rms vs Slug



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

Left Out: 610.338+/-0.133 χ^2/NDF : 1135151.5/14

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

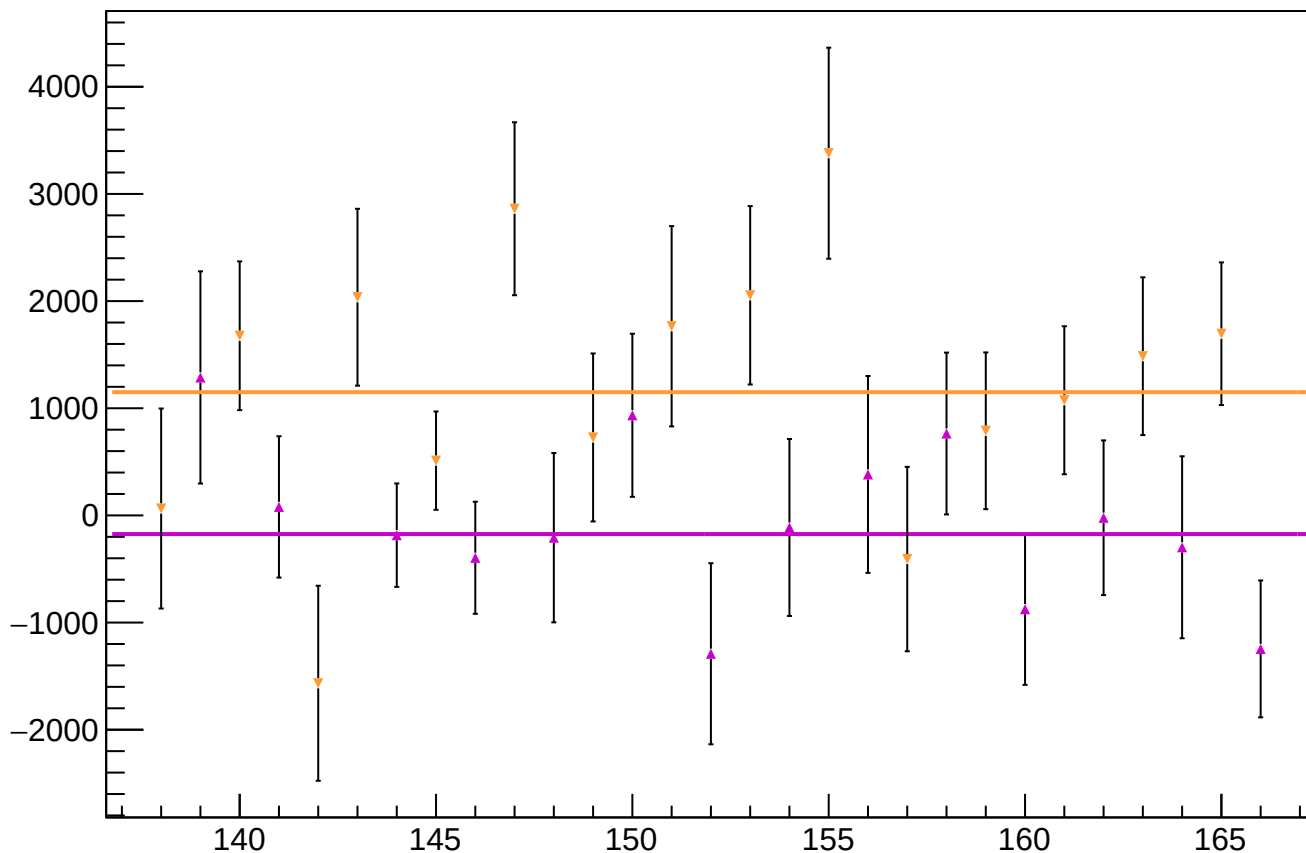
Left In: 586.401+/-0.129 χ^2/NDF : 1180064.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 598.018+/-0.093 χ^2/NDF : 2331902.1/28

- 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: 1149.911+/-192.993 χ^2/NDF :29.9/14

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

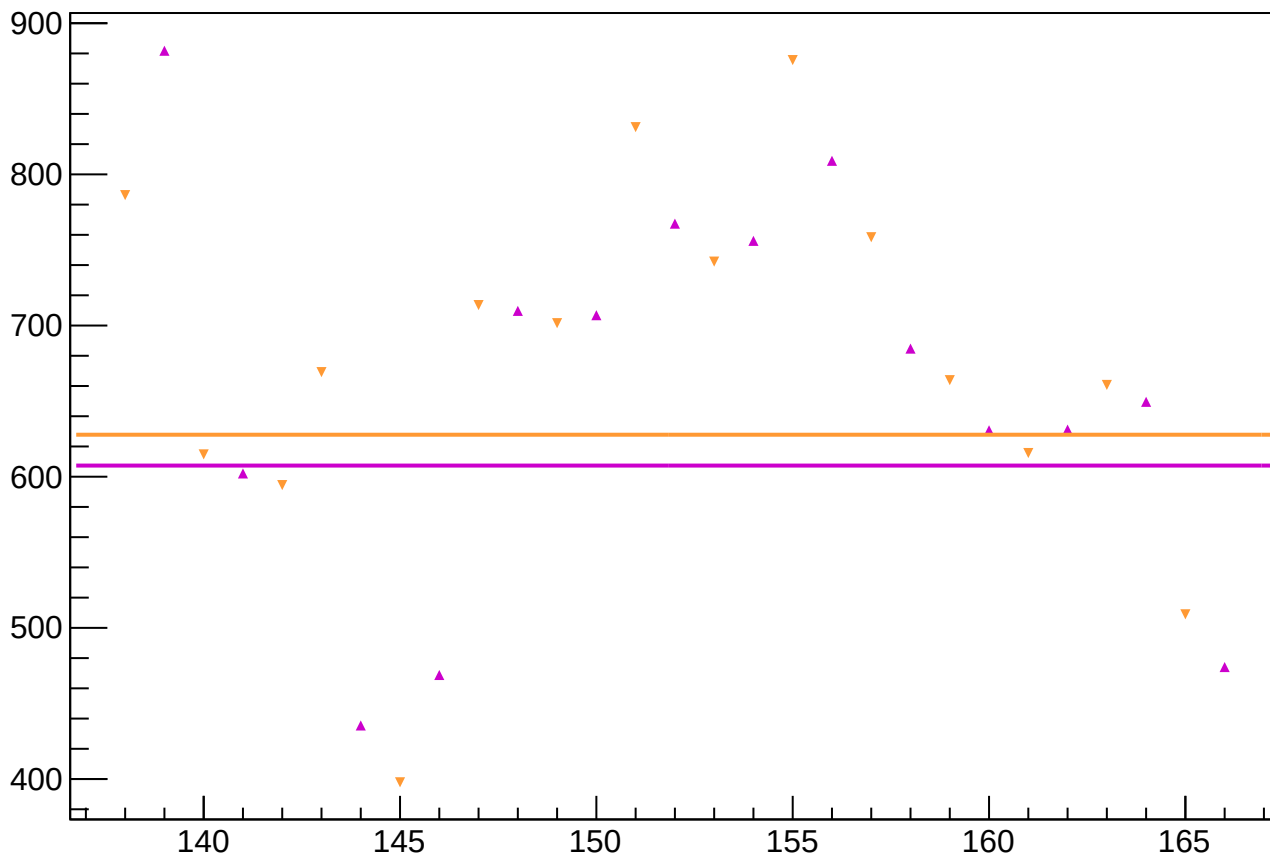
Left In: -174.077+/-188.438 χ^2/NDF :12.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.109+/-134.827 χ^2/NDF : 66.1/28

- 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: 627.773+/-0.136 χ^2/NDF : 987165.3/14

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

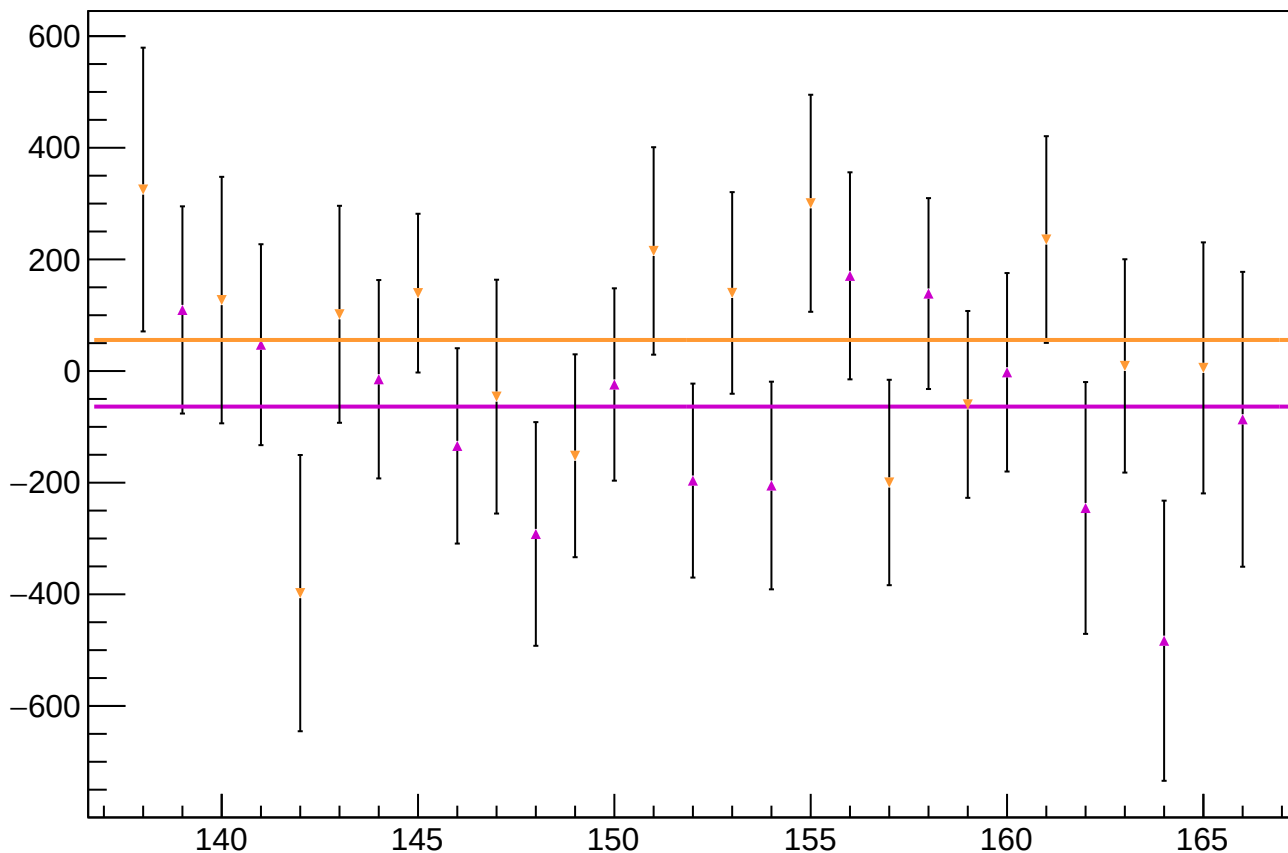
Left In: 607.366+/-0.133 χ^2/NDF : 965843.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.326+/-0.095 χ^2/NDF : 1964456.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 55.680+/-49.449 χ^2/NDF :12.5/14

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

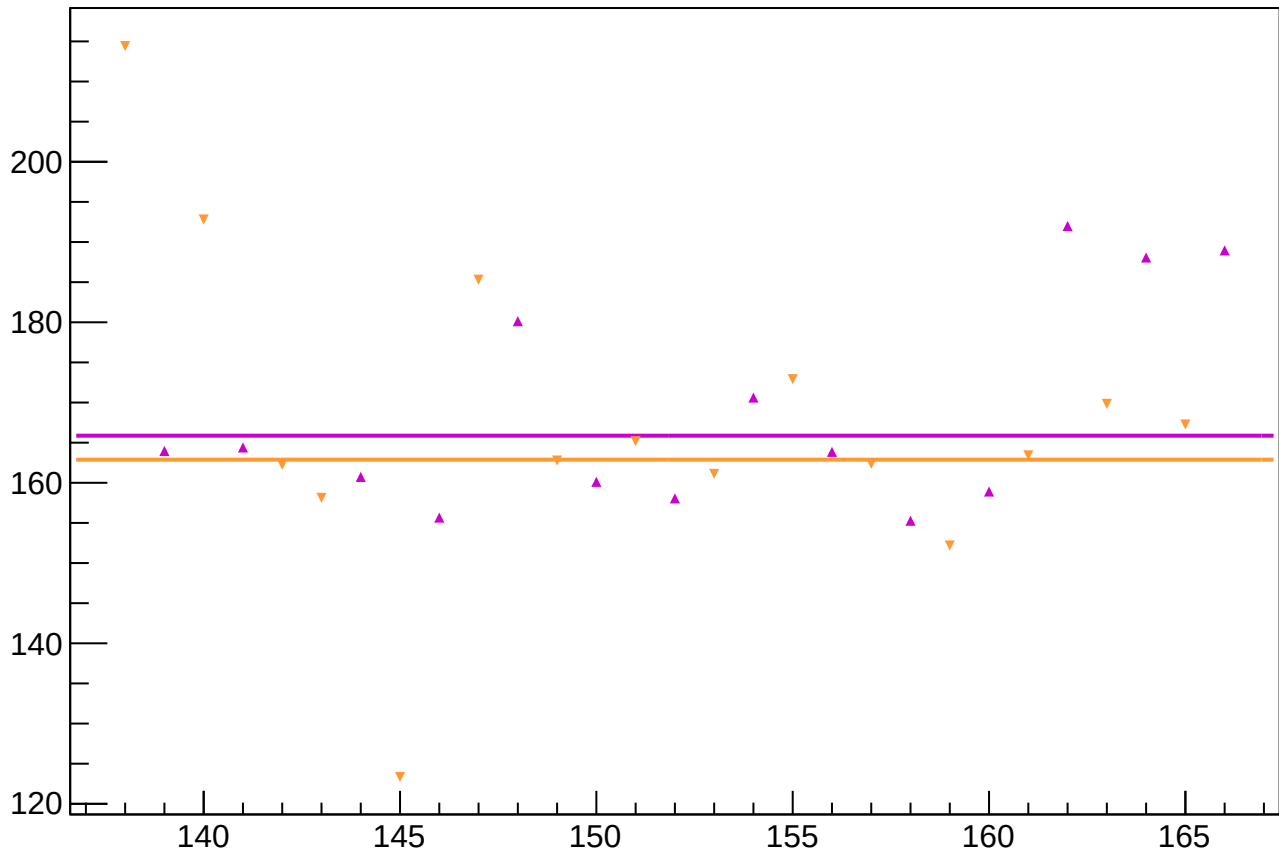
Left In: -63.689+/-50.661 χ^2/NDF :10.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.559+/-35.387 χ^2/NDF : 25.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 162.883+/-0.035 χ^2/NDF : 315126.5/14

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

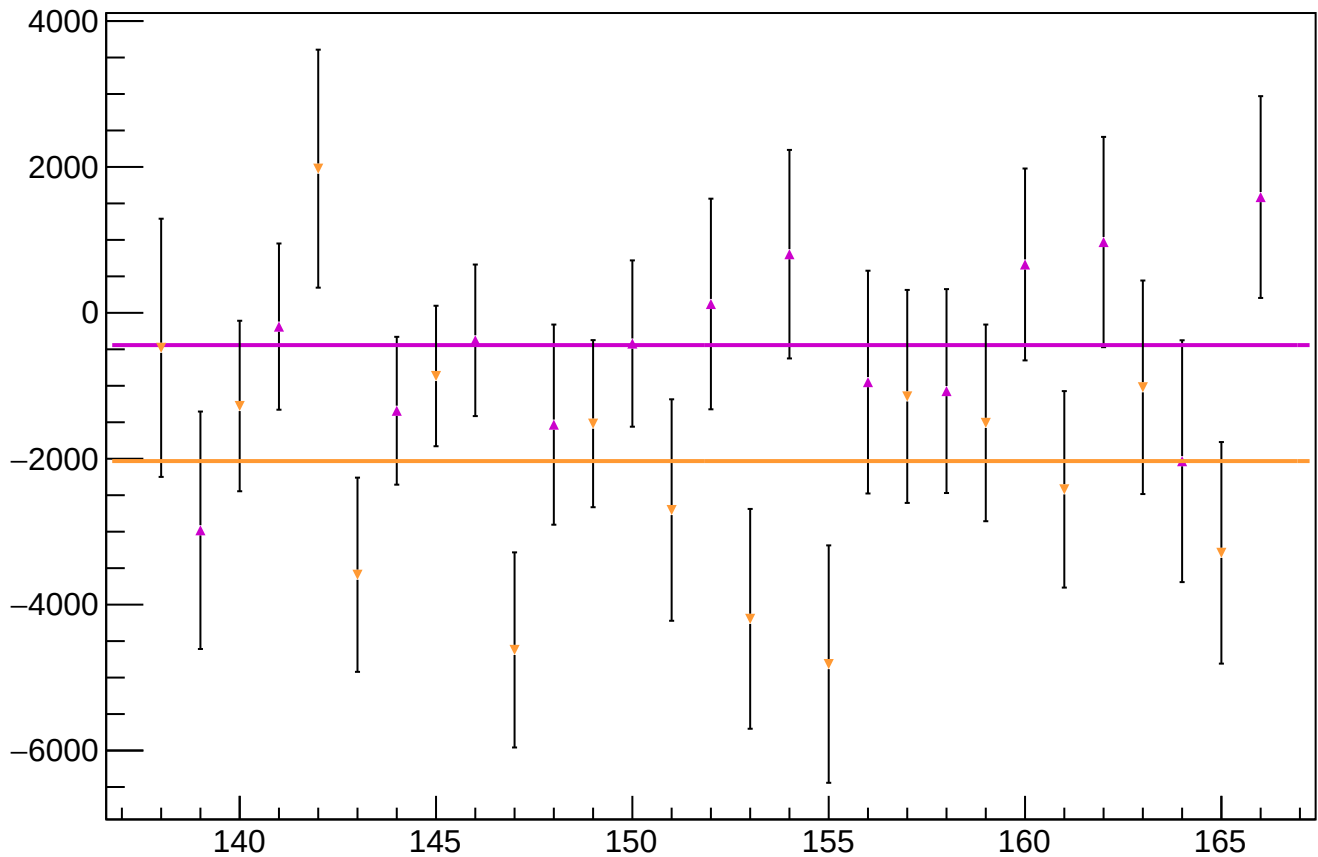
Left In: 165.872+/-0.036 χ^2/NDF : 95276.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.341+/-0.025 χ^2/NDF : 413967.1/28

- 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: -2032.163+/-351.042 χ^2/NDF : 21.0/14

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

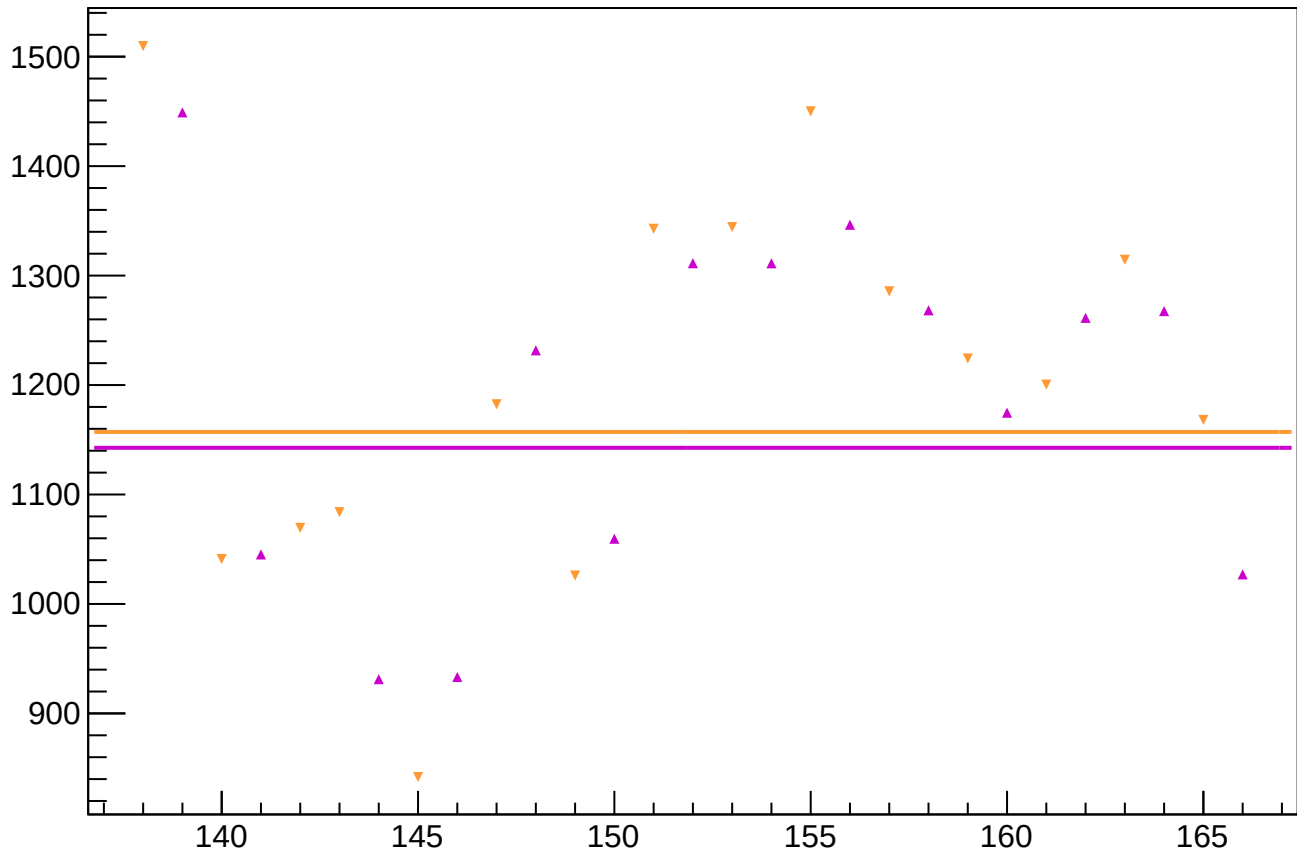
Left In: -442.265+/-349.089 χ^2/NDF : 9.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1232.780+/-247.531 χ^2/NDF : 41.1/28

- 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: 1157.184+/-0.248 χ^2/NDF : 523569.8/14

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

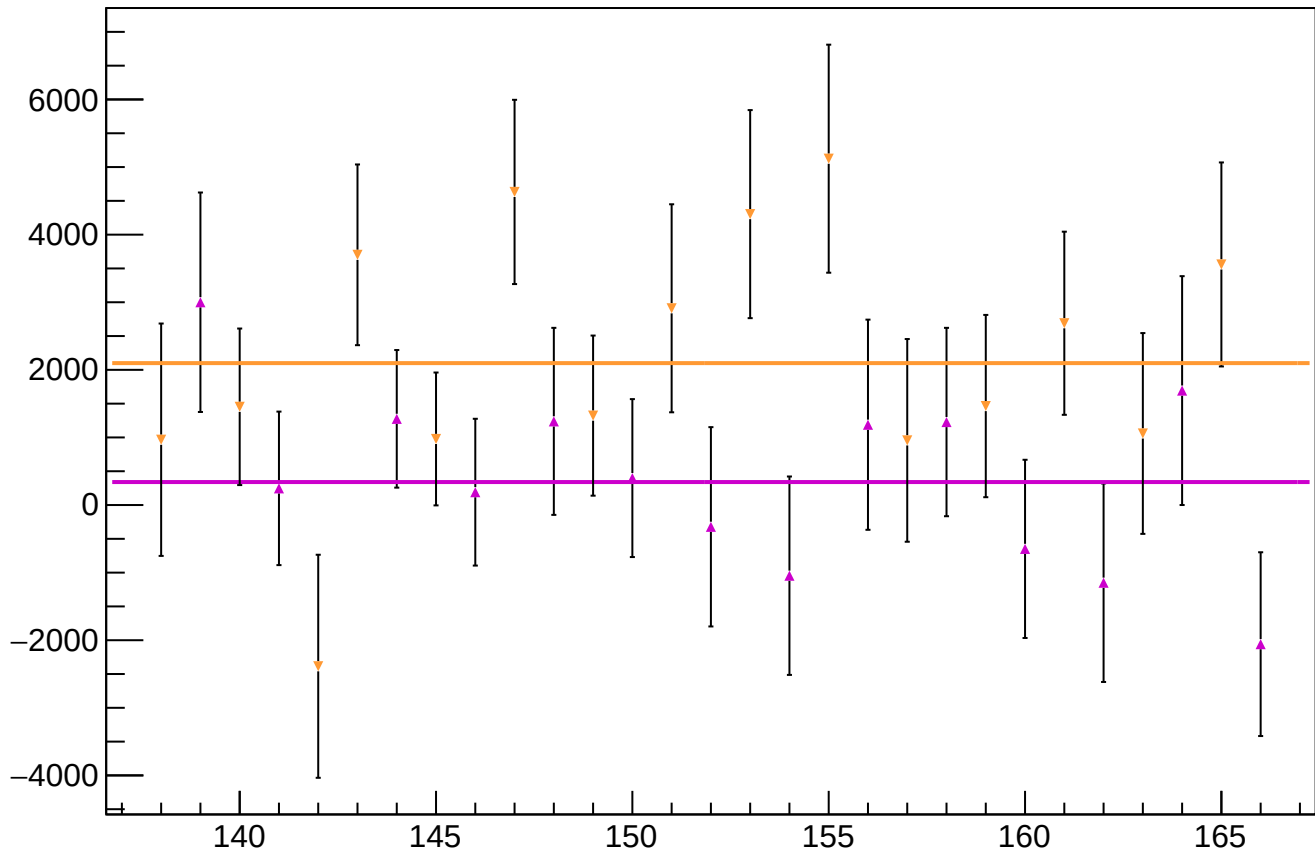
Left In: 1142.667+/-0.247 χ^2/NDF : 419830.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1149.885+/-0.175 χ^2/NDF : 945119.4/28

- 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: 2099.547+/-355.206 χ^2/NDF : 22.7/14

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

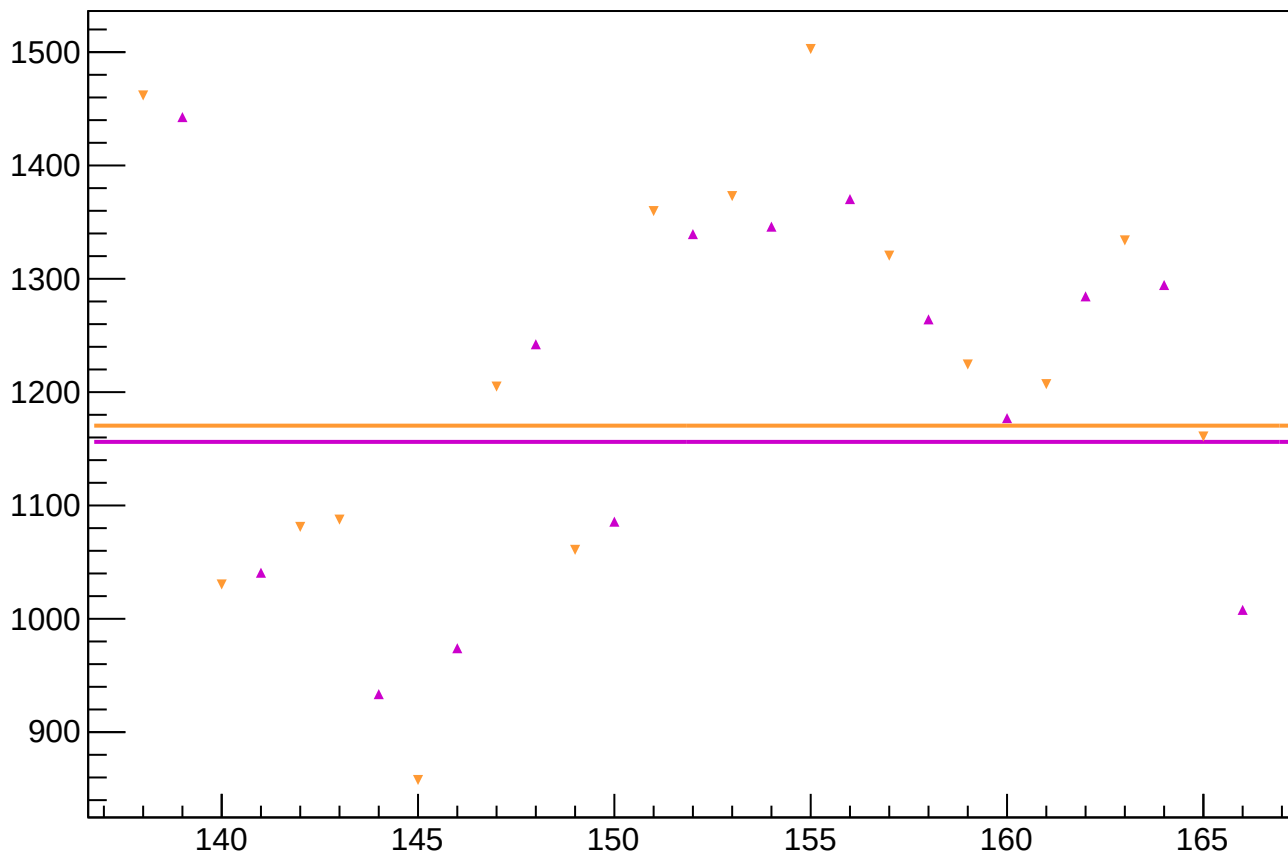
Left In: 339.918+/-353.429 χ^2/NDF : 11.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1215.320+/-250.538 χ^2/NDF : 46.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



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

Left Out: 1170.434+/-0.251 χ^2/NDF : 512647.0/14

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

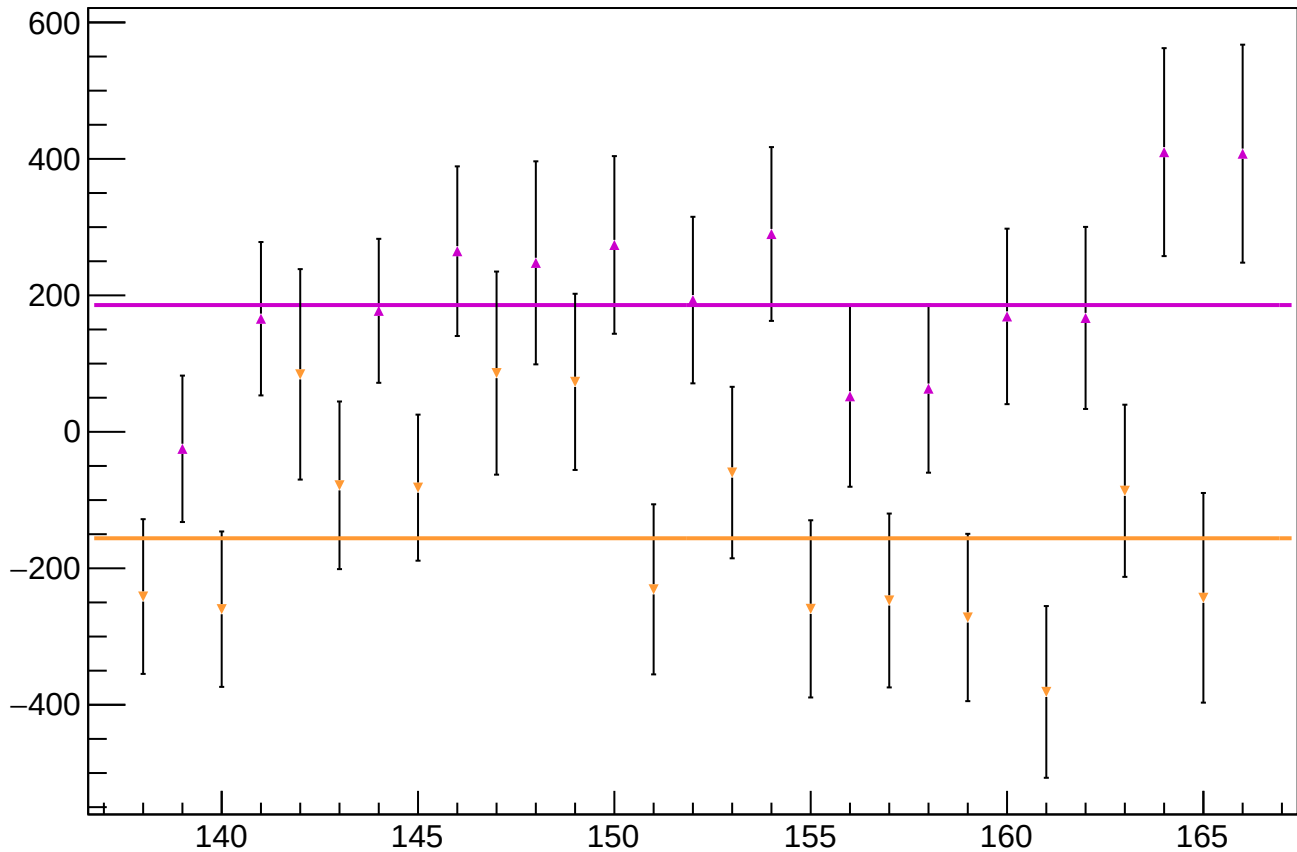
Left In: 1156.110+/-0.250 χ^2/NDF : 417241.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1163.236+/-0.177 χ^2/NDF : 931523.1/28

- 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: -155.970+/-32.630 χ^2/NDF : 17.3/14

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

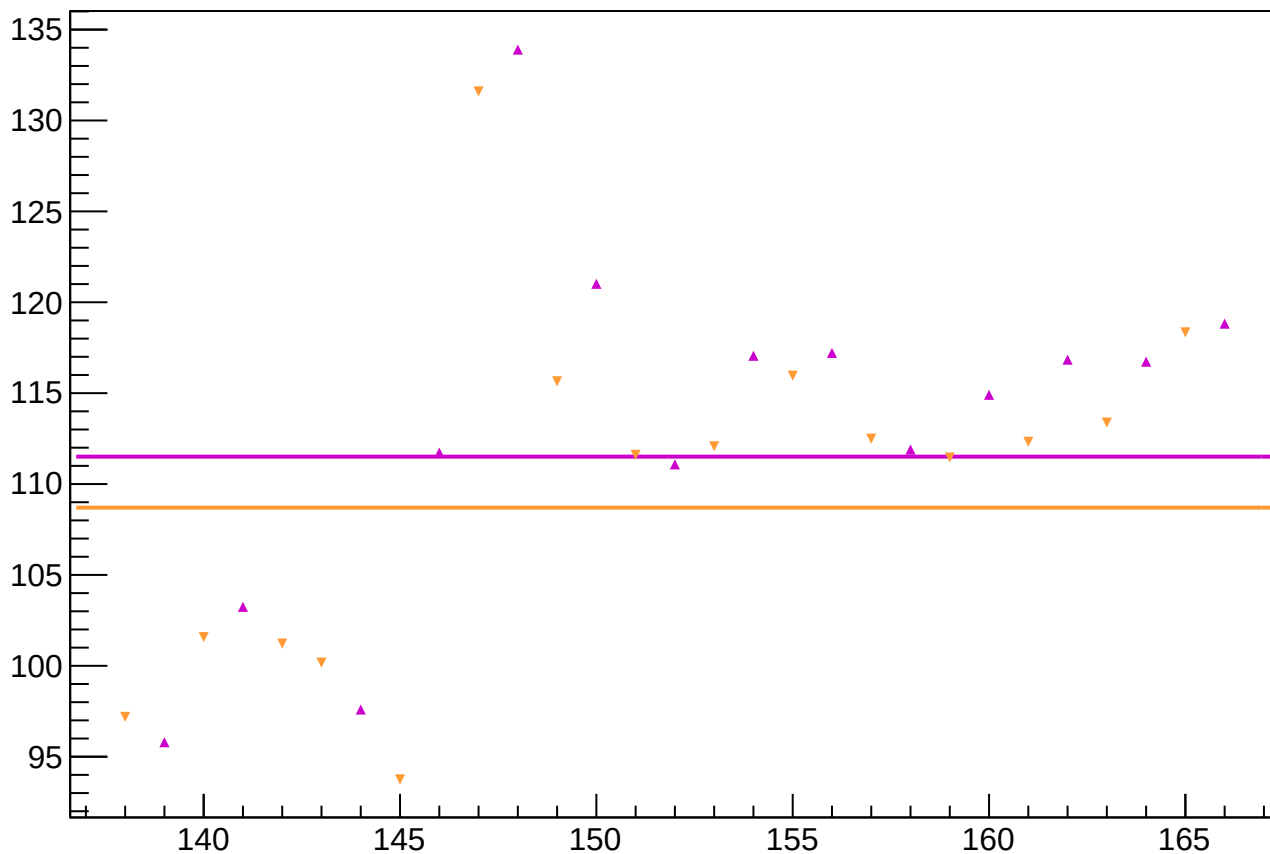
Left In: 185.790+/-33.803 χ^2/NDF : 11.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.880+/-23.477 χ^2/NDF : 82.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 108.703+/-0.023 χ^2/NDF :158810.7/14

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

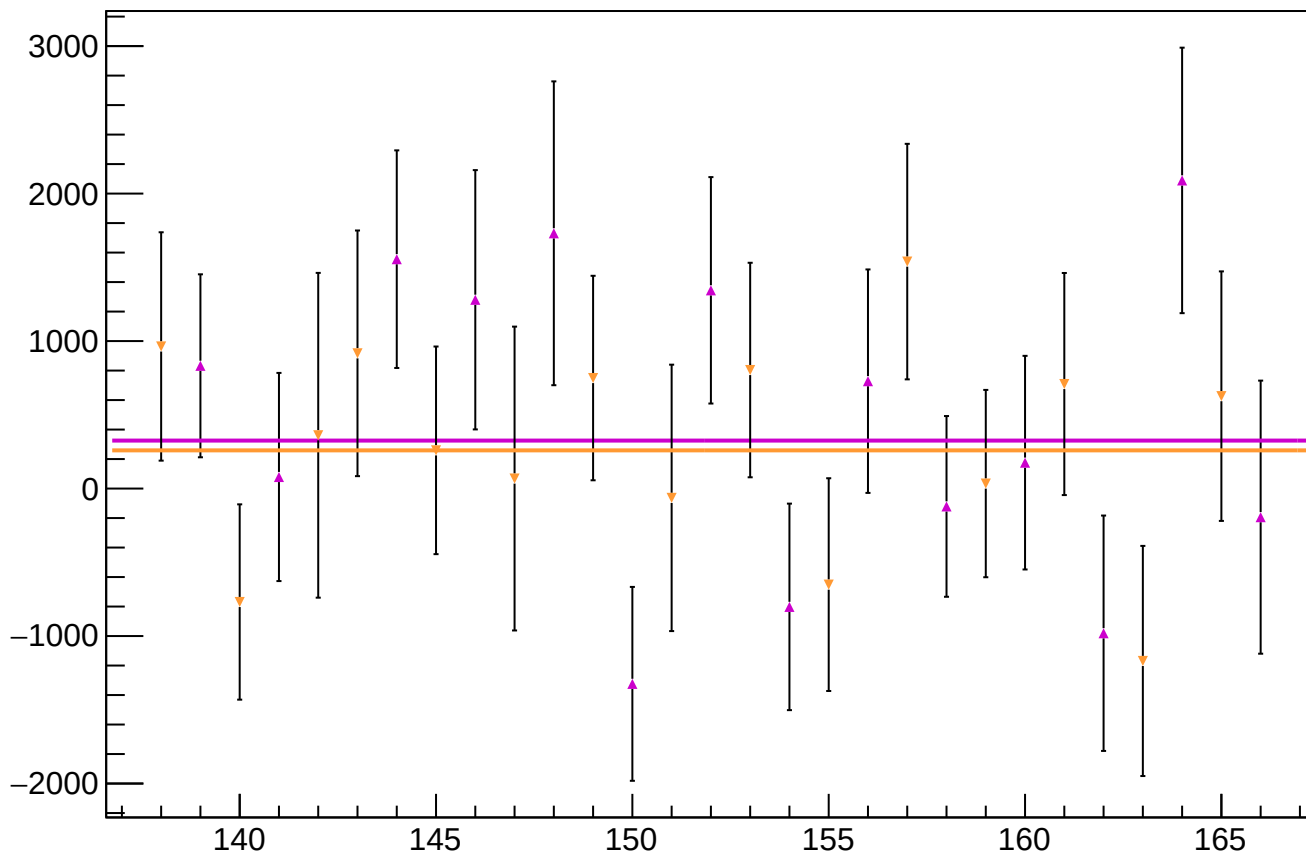
Left In: 111.508+/-0.024 χ^2/NDF :163138.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.056+/-0.017 χ^2/NDF : 329078.8/28

- 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: 258.945+/-199.404 χ^2/NDF : 13.3/14

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

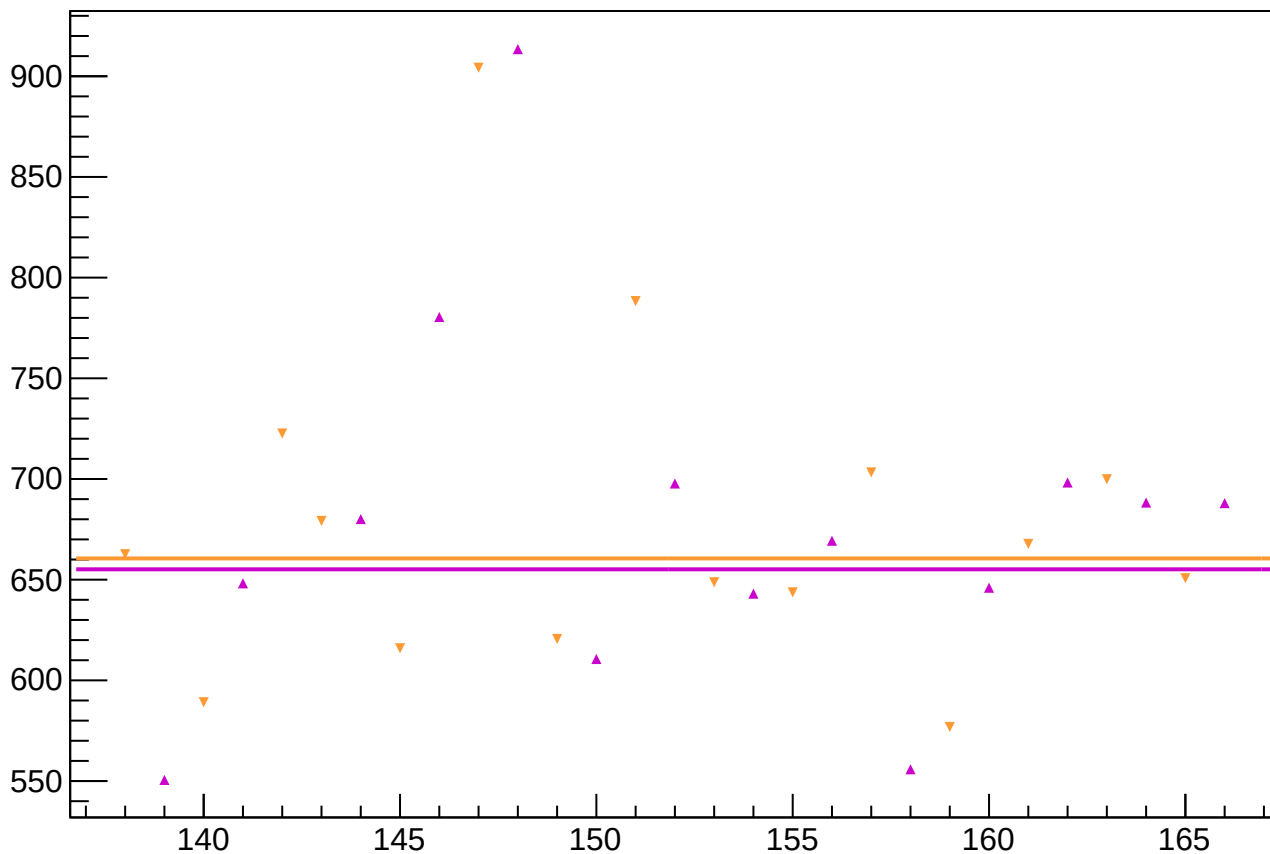
Left In: 325.331+/-199.929 χ^2/NDF : 25.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.051+/-141.185 χ^2/NDF : 38.3/28

- 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: 660.554+/-0.141 χ^2/NDF : 244917.8/14

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

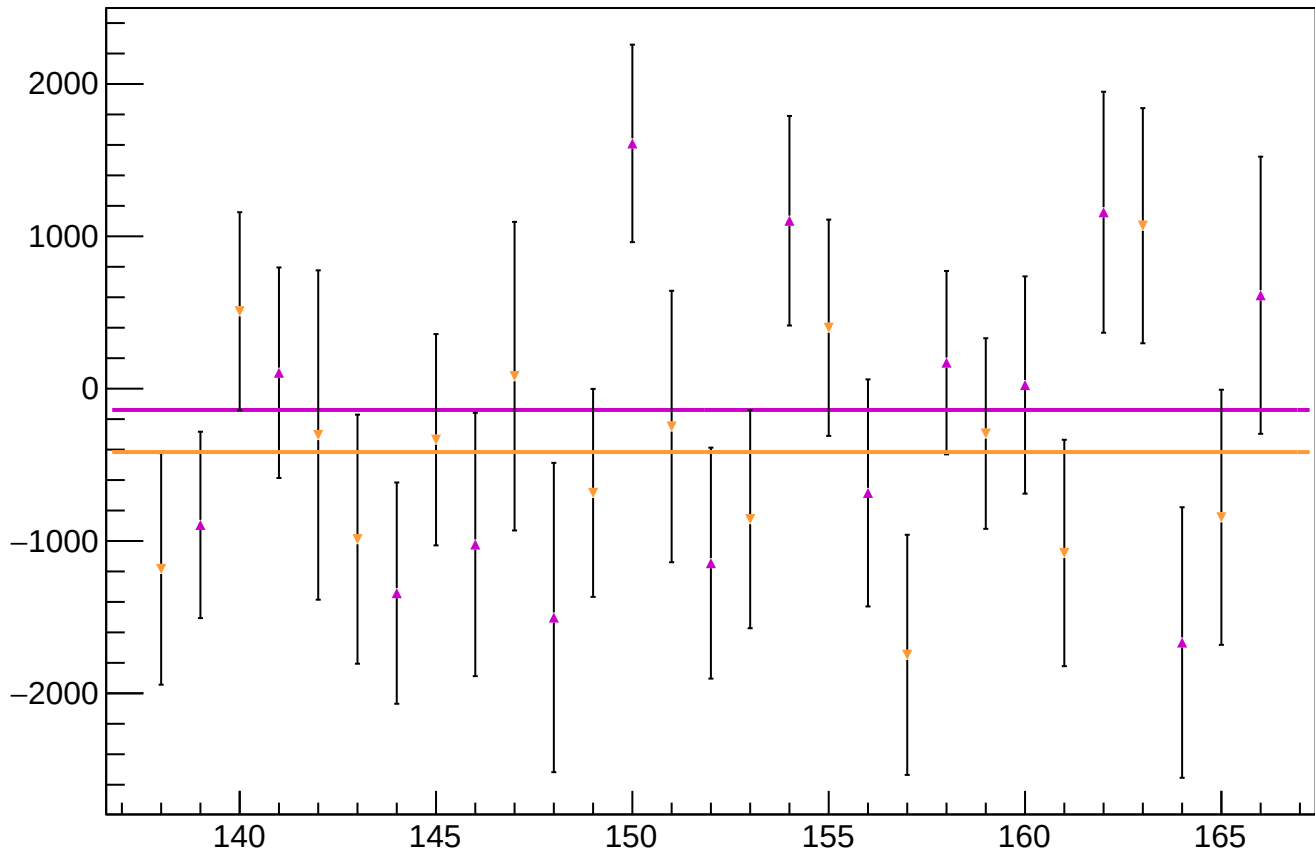
Left In: 655.151+/-0.141 χ^2/NDF : 306313.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.860+/-0.100 χ^2/NDF : 551963.3/28

- 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: -416.219+/-196.417 χ^2/NDF :13.3/14

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

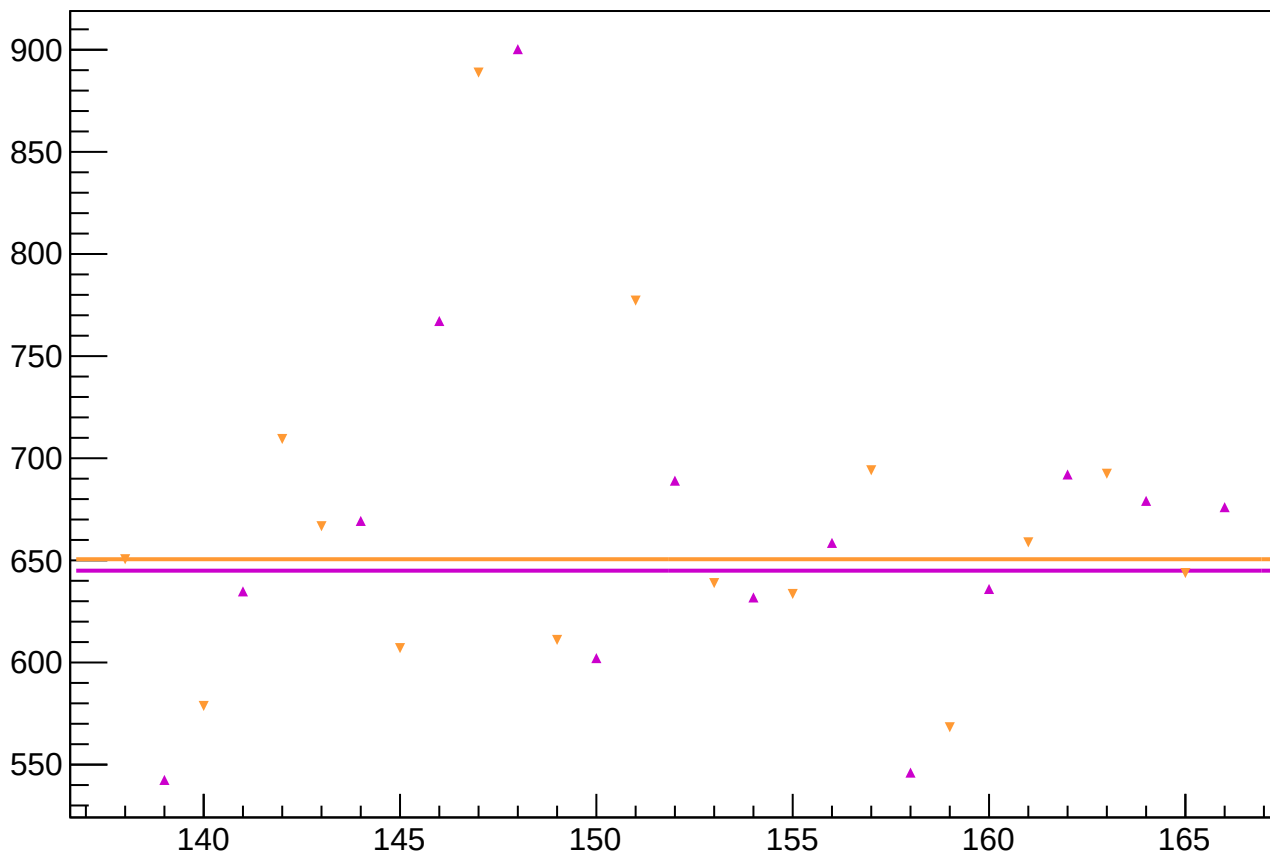
Left In: -139.834+/-196.862 χ^2/NDF :26.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.339+/-139.045 χ^2/NDF : 41.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_rms vs Slug



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

Left Out: 650.563+/-0.139 χ^2/NDF : 245367.8/14

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

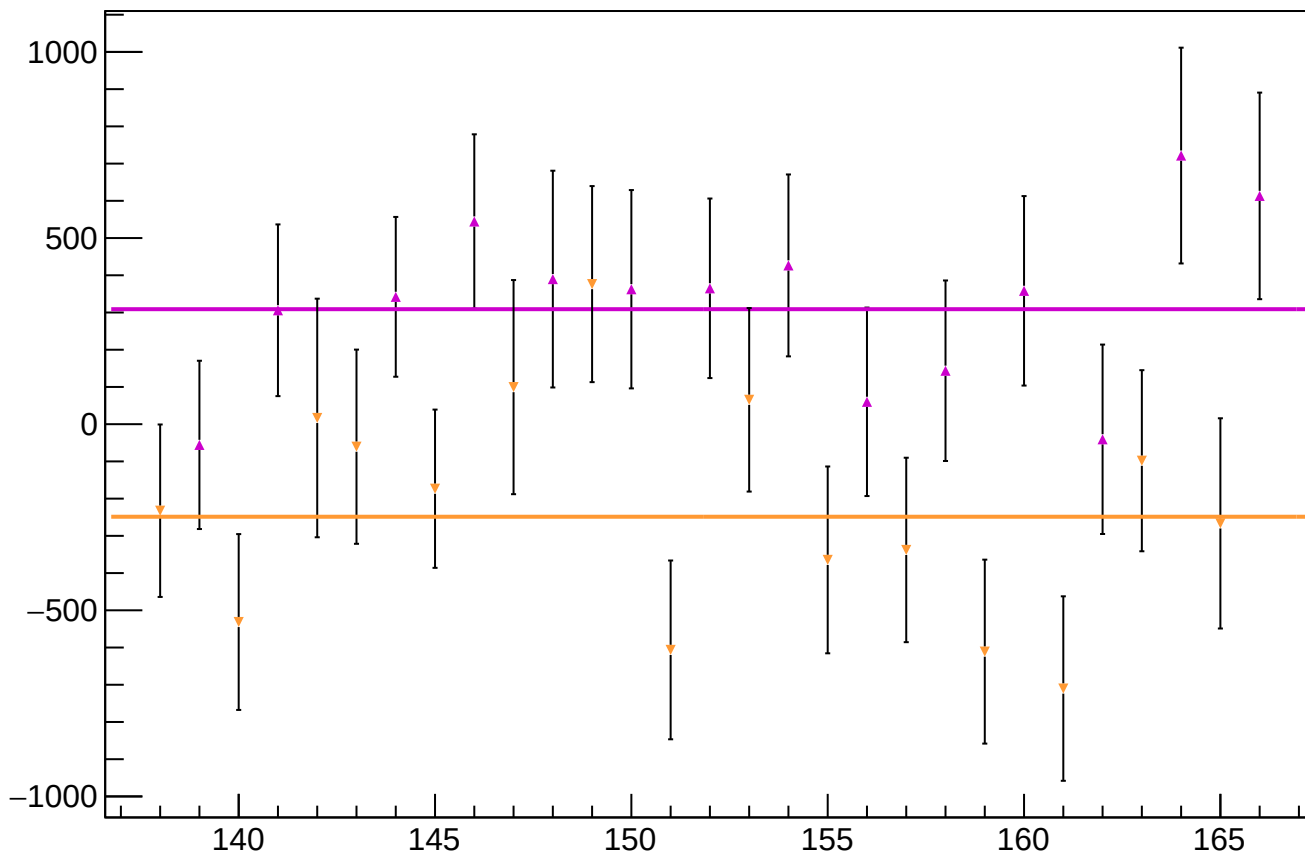
Left In: 644.959+/-0.139 χ^2/NDF : 308783.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.767+/-0.098 χ^2/NDF : 554963.6/28

- 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: -248.640 $\pm$ 64.860 χ^2/NDF :20.1/14

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

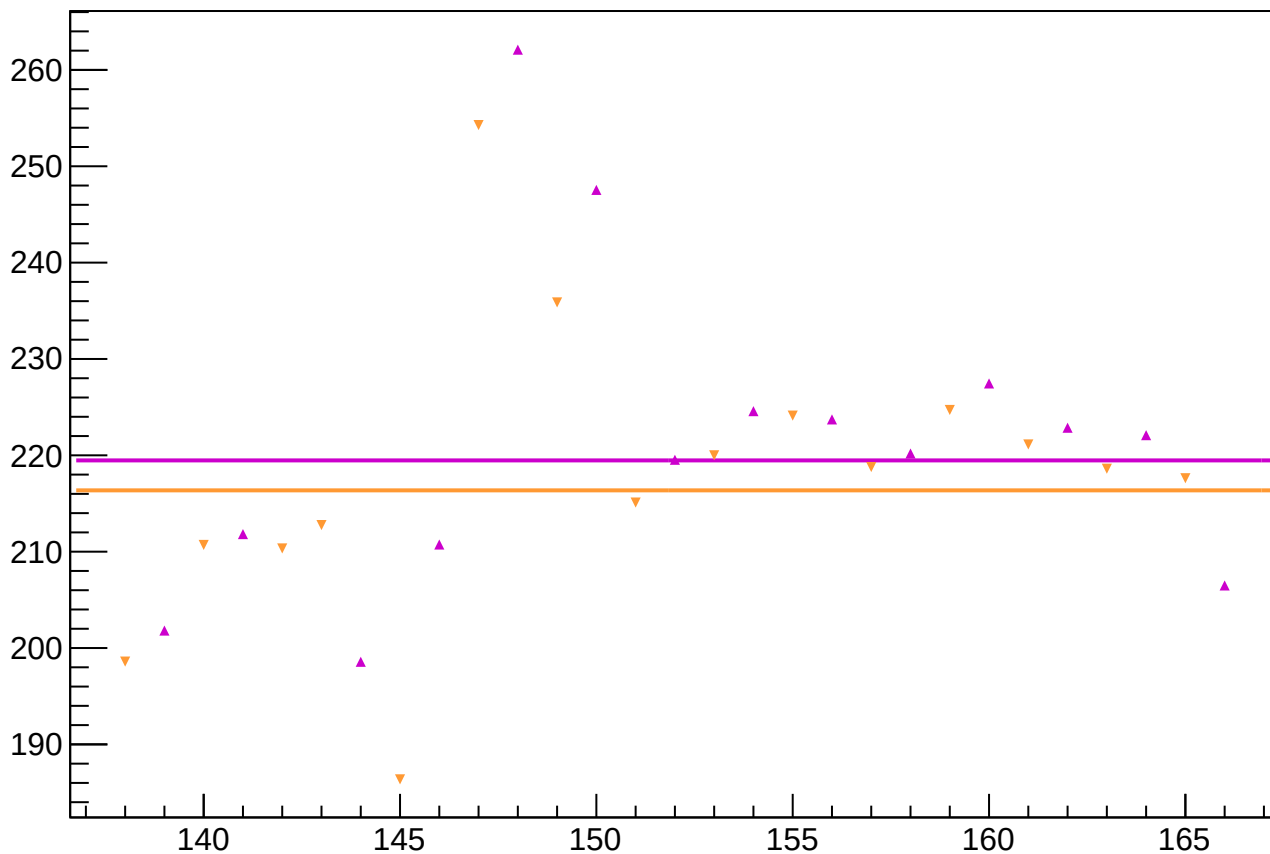
Left In: 308.918 $\pm$ 66.440 χ^2/NDF :10.6/13

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

All: 23.430 $\pm$ 46.412 χ^2/NDF : 66.7/28

- 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: 216.364+/-0.046 χ^2/NDF : 105375.1/14

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

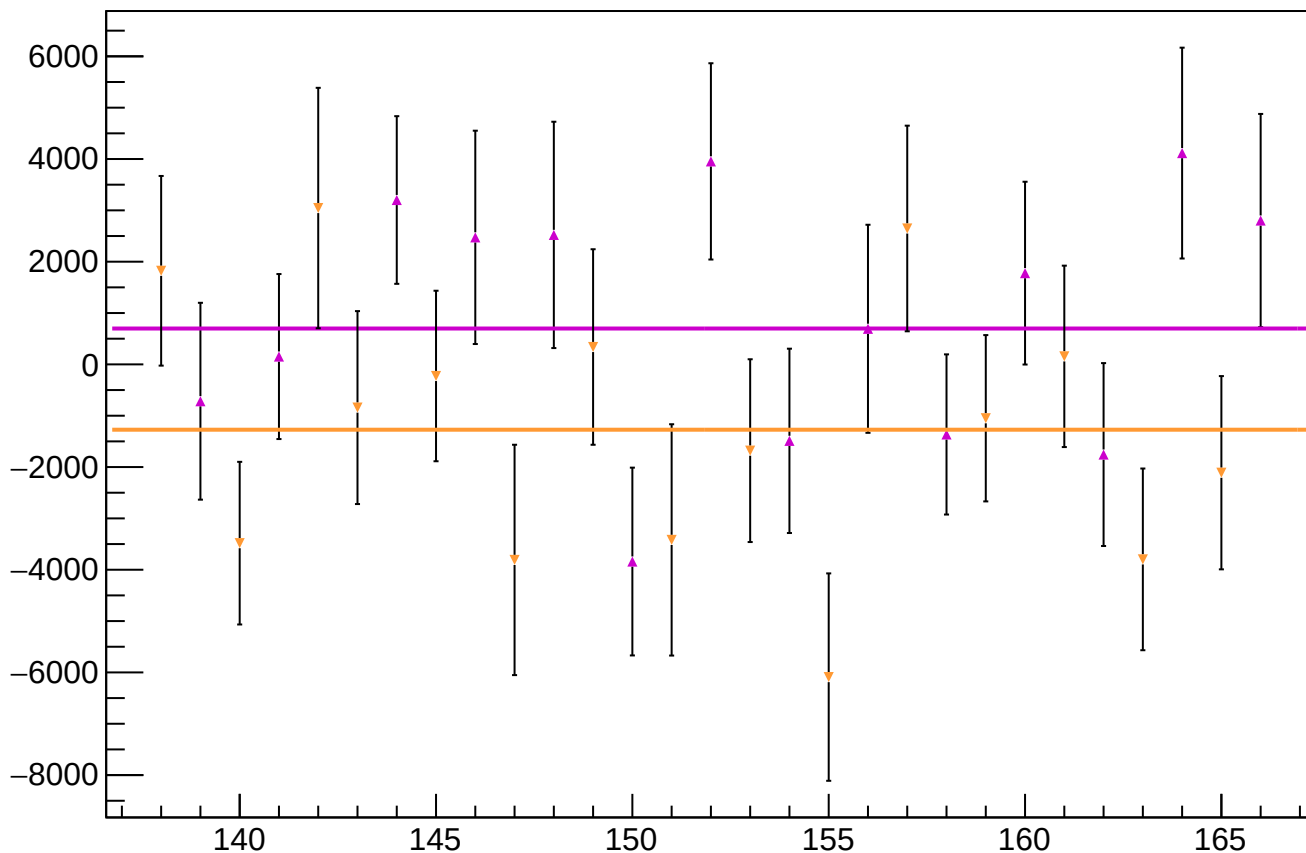
Left In: 219.473+/-0.047 χ^2/NDF : 109560.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.881+/-0.033 χ^2/NDF : 217178.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_mean vs Slug



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

Left Out: -1272.617+/-481.989 χ^2/NDF : 24.0/14

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

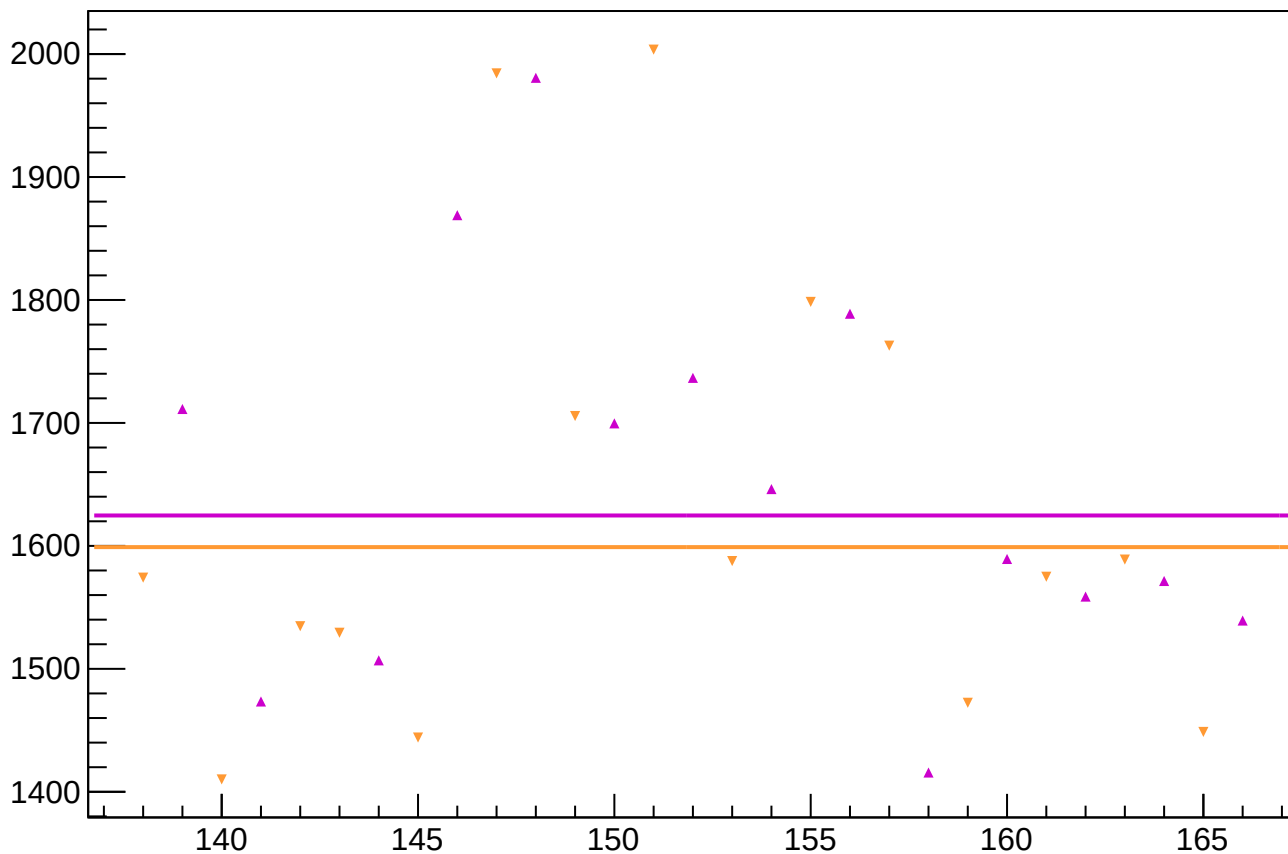
Left In: 698.286+/-493.313 χ^2/NDF : 22.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.046+/-344.752 χ^2/NDF : 54.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_rms vs Slug



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

Left Out: 1598.999+/-0.341 χ^2/NDF :238618.2/14

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

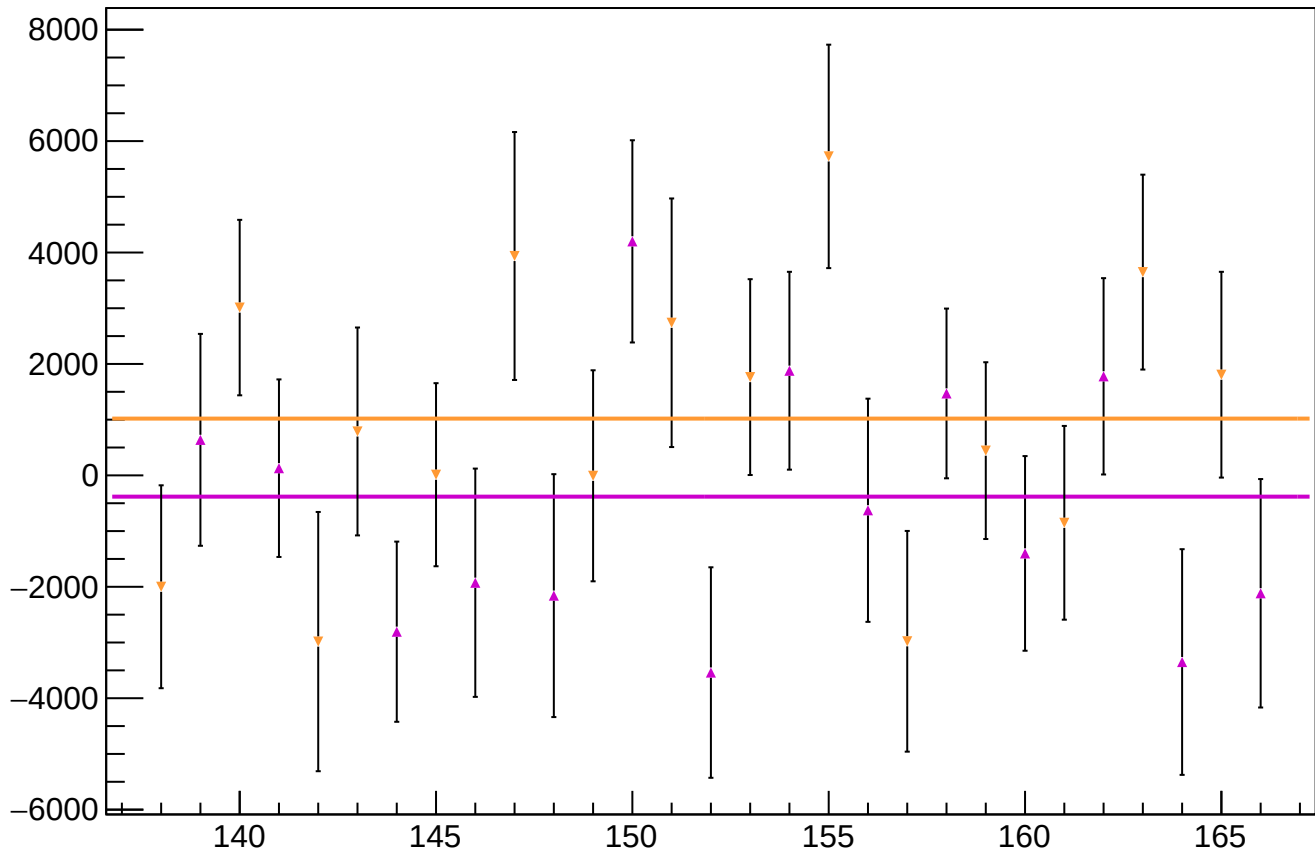
Left In: 1624.731+/-0.349 χ^2/NDF :179819.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.567+/-0.244 χ^2/NDF : 421221.9/28

- 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: 1019.040+/-476.509 χ^2/NDF :23.8/14

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

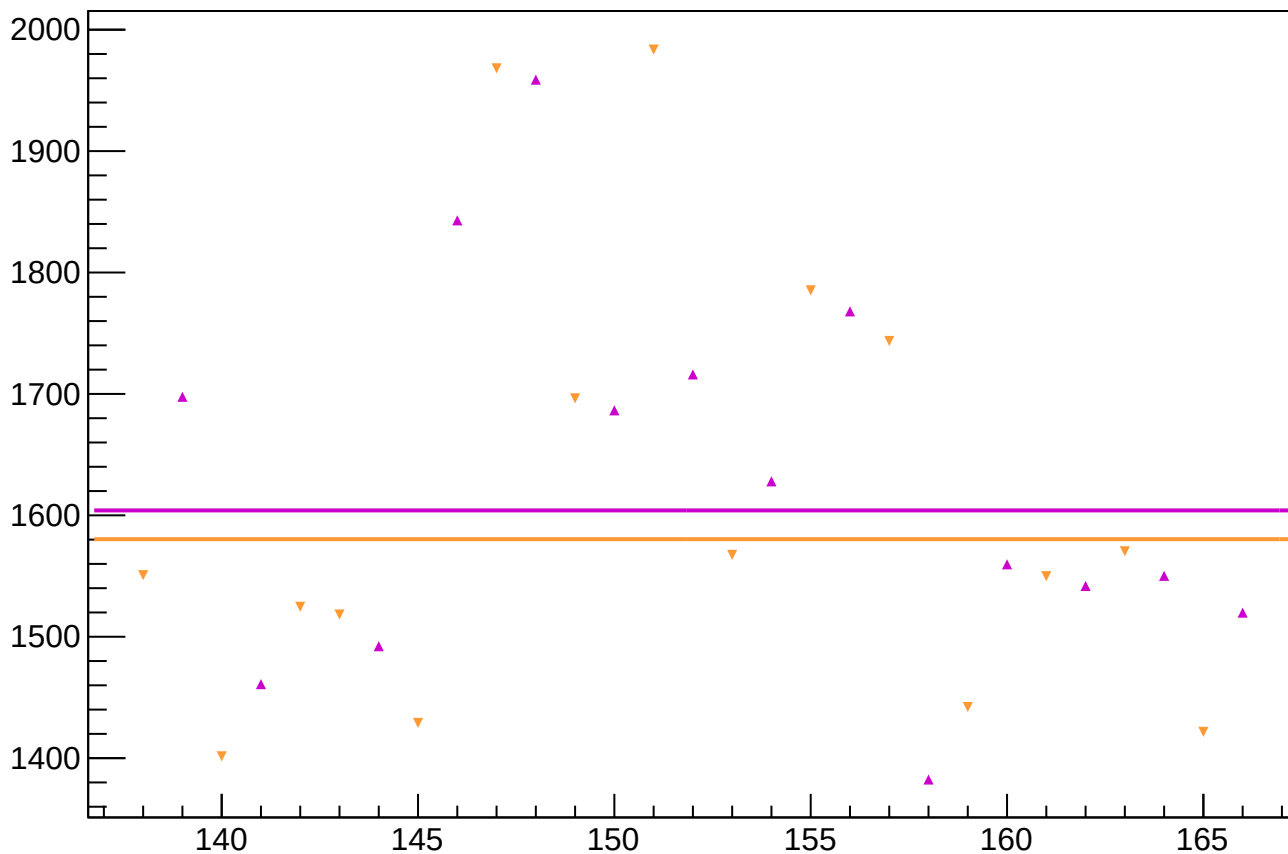
Left In: -381.733+/-487.155 χ^2/NDF :20.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.126+/-340.644 χ^2/NDF : 48.9/28

- 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: 1580.375+/-0.337 χ^2/NDF : 245456.8/14

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

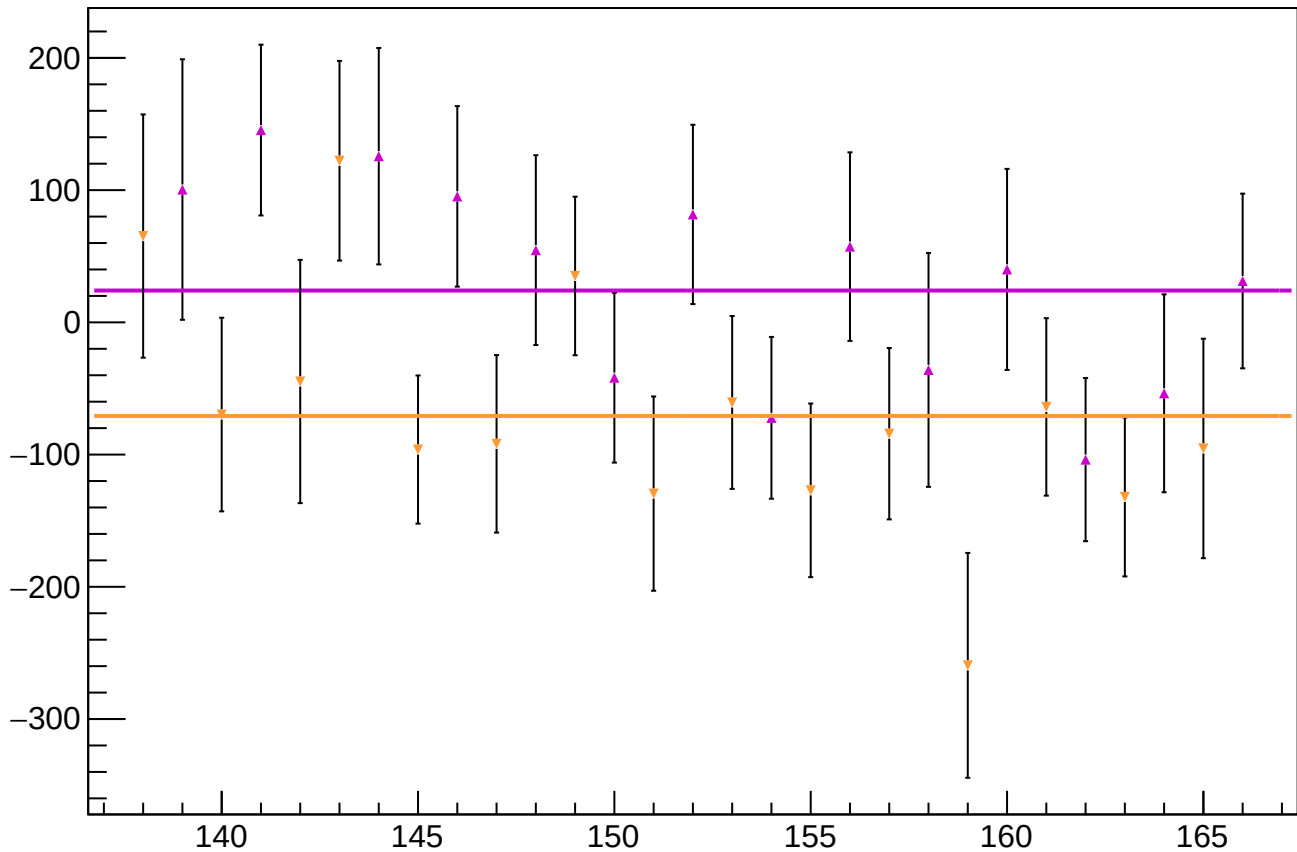
Left In: 1604.054+/-0.344 χ^2/NDF : 186524.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.953+/-0.241 χ^2/NDF : 434395.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -70.766 $\pm$ 17.993 χ^2 /NDF:19.7/14

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

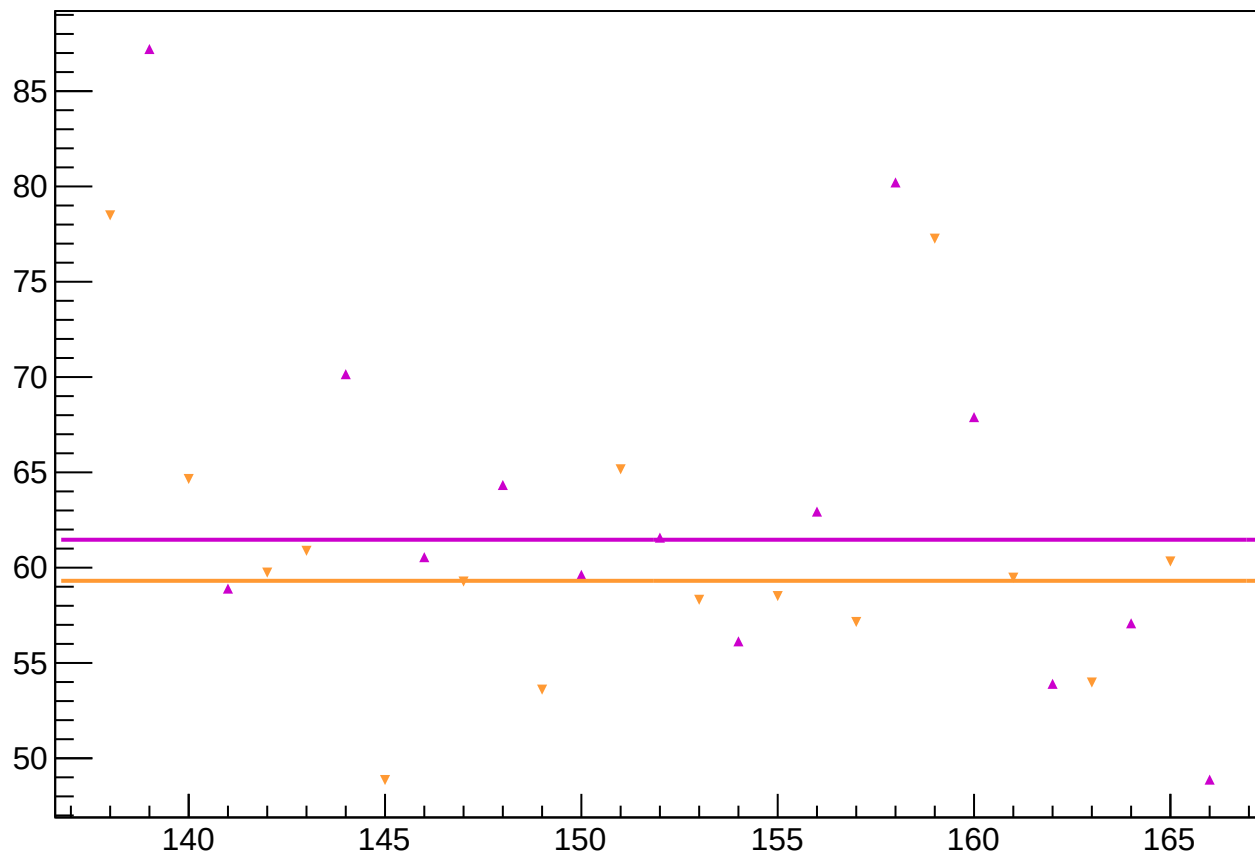
Left In: 24.074 $\pm$ 18.913 χ^2 /NDF:17.3/13

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

All: -25.709 $\pm$ 13.036 χ^2 /NDF: 50.2/28

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

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 59.310+/-0.013 χ^2/NDF : 307098.0/14

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

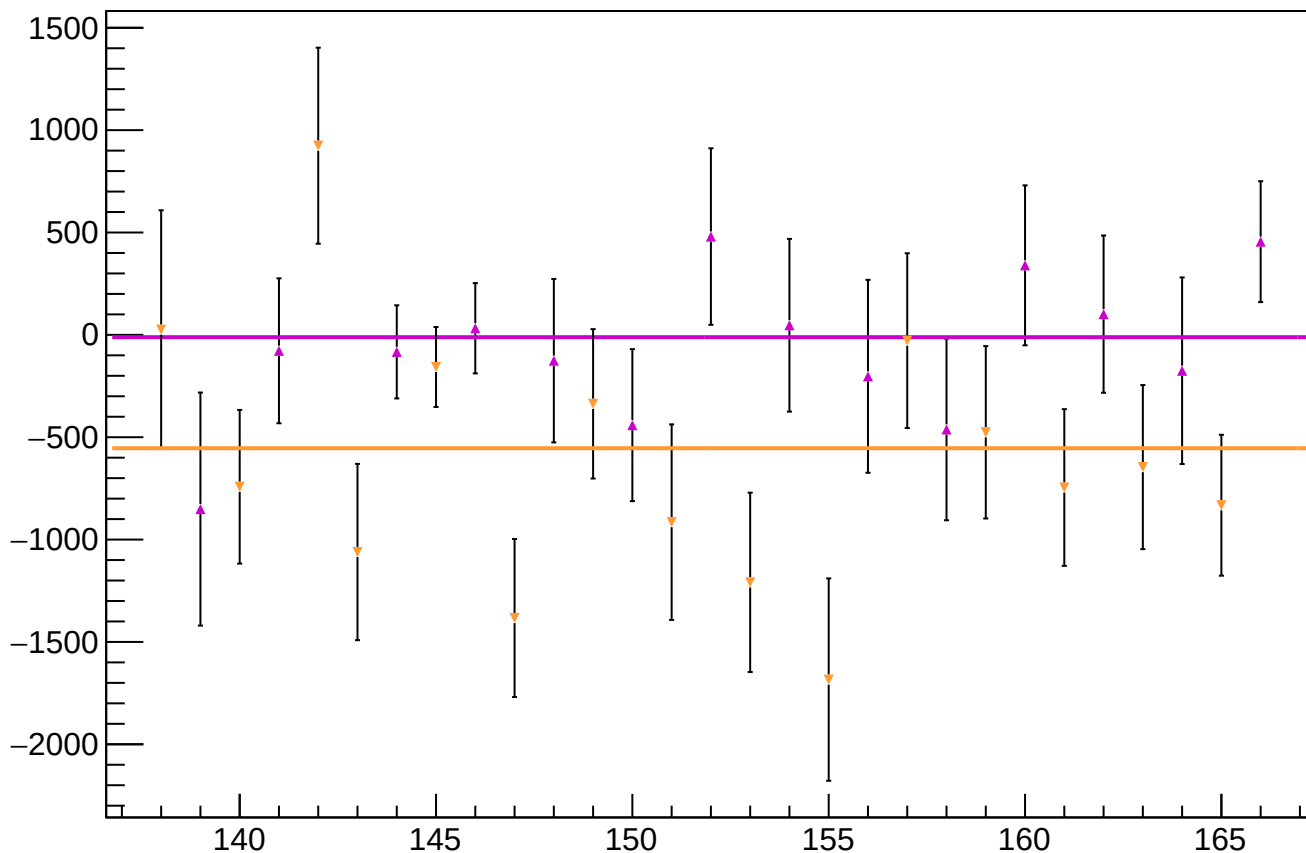
Left In: 61.465+/-0.013 χ^2/NDF : 397138.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.334+/-0.009 χ^2/NDF : 717863.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -553.683+/-96.880 χ^2/NDF : 31.8/14

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

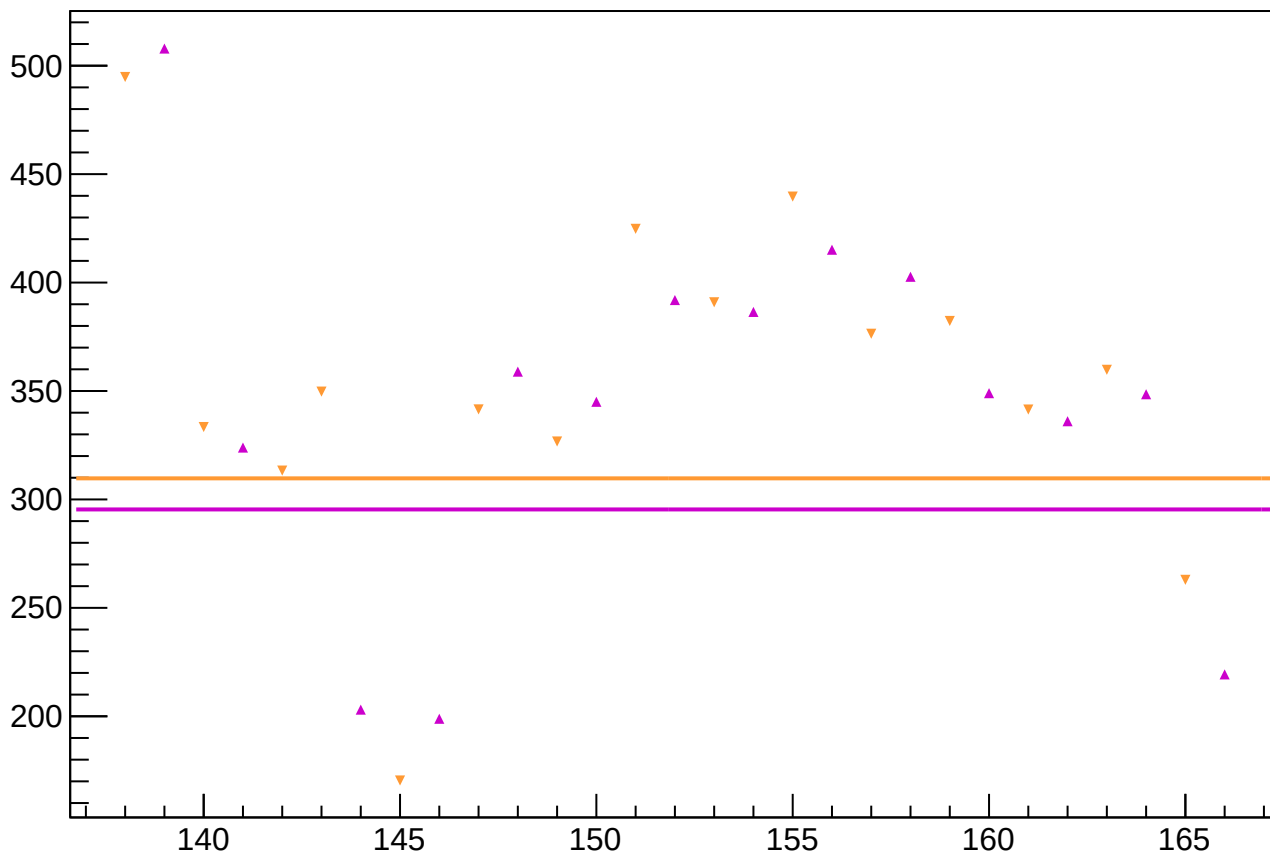
Left In: -11.335+/-93.385 χ^2/NDF : 9.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.551+/-67.235 χ^2/NDF : 57.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 309.717+/-0.069 χ^2/NDF :1775511.4/14

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

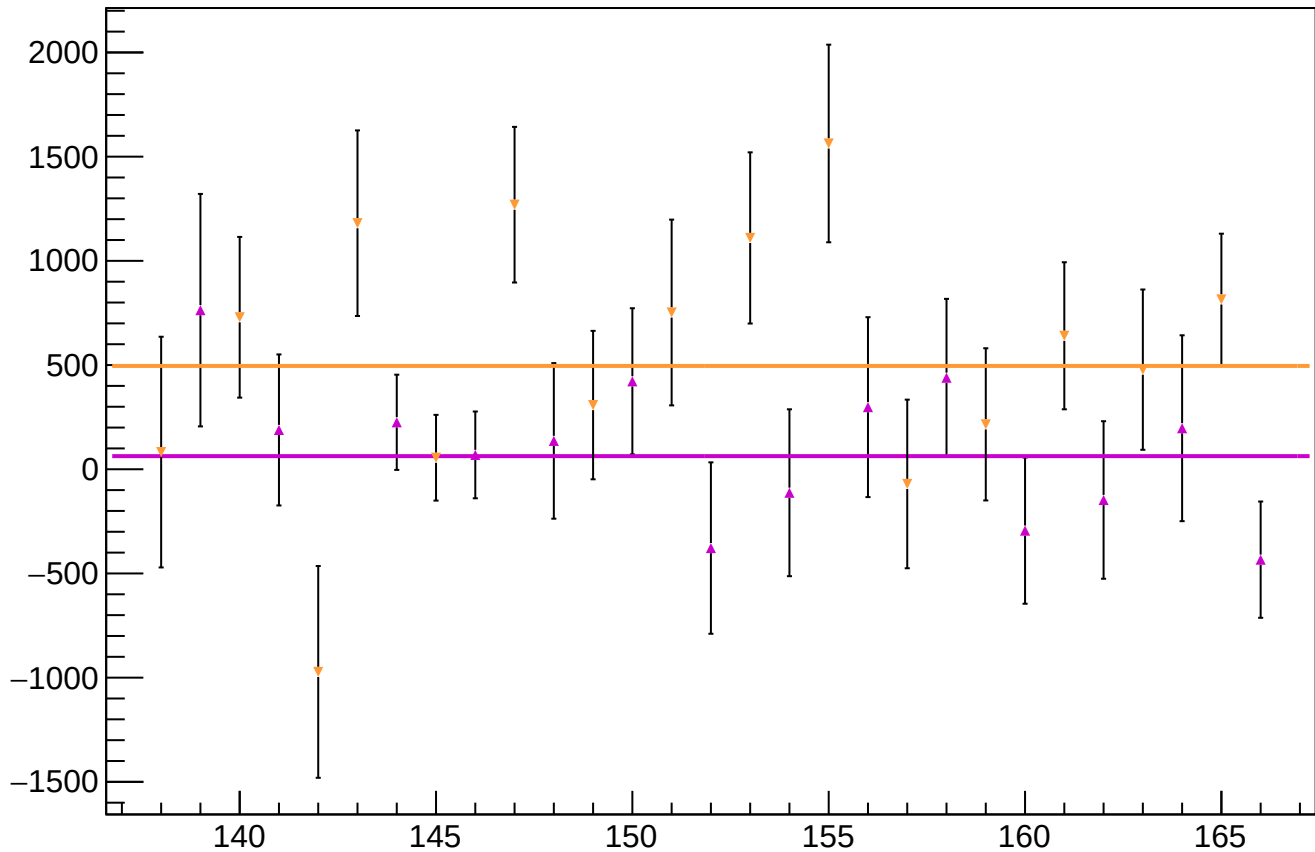
Left In: 295.384+/-0.066 χ^2/NDF :1750214.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.287+/-0.048 χ^2/NDF : 3548415.9/28

- 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: 495.885+/-94.713 χ^2/NDF : 32.2/14

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

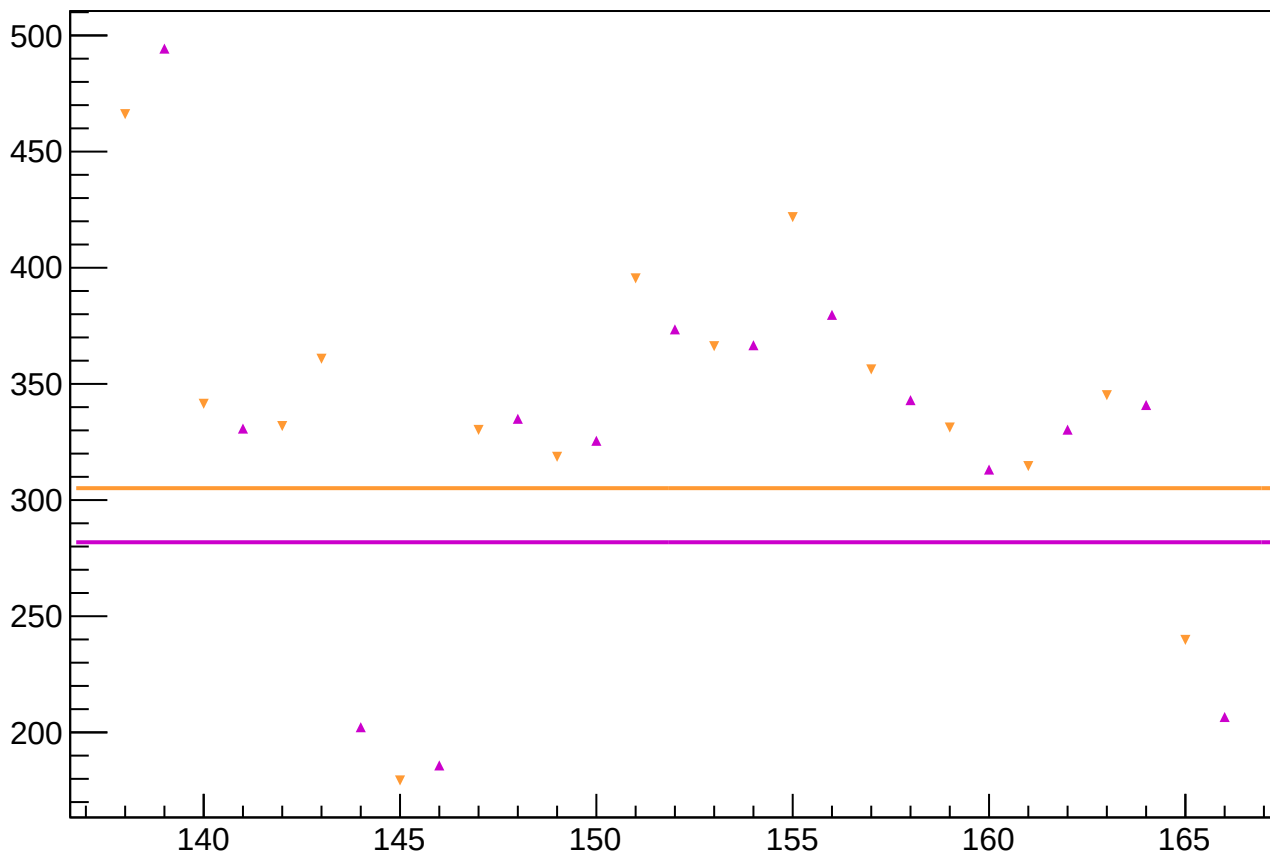
Left In: 62.948+/-89.136 χ^2/NDF : 10.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.294+/-64.911 χ^2/NDF : 53.8/28

- 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: 305.122+/-0.067 χ^2/NDF :1382612.5/14

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

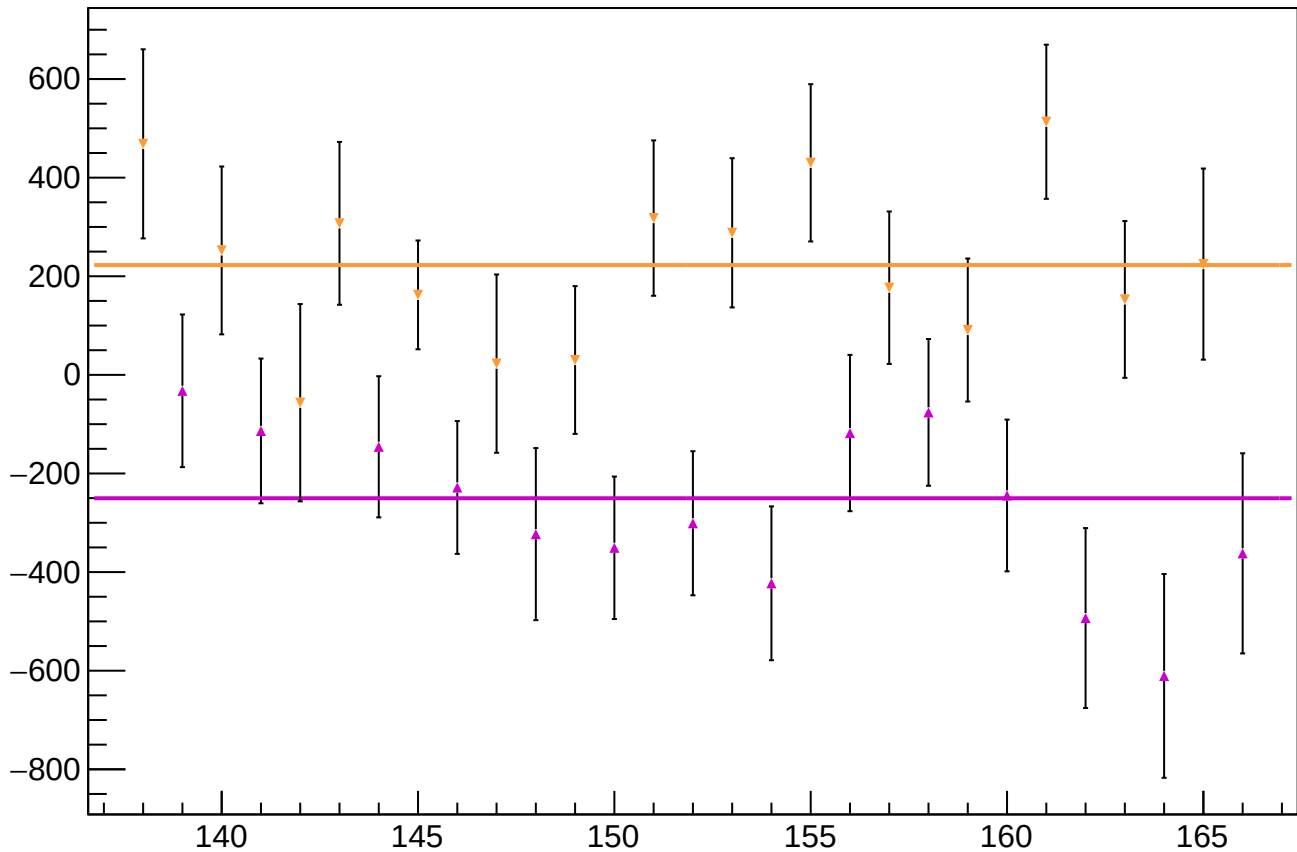
Left In: 281.842+/-0.063 χ^2/NDF :1640336.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.776+/-0.046 χ^2/NDF : 3087025.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug



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

Left Out: 222.727 $\pm$ 40.813 χ^2 /NDF:13.9/14

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

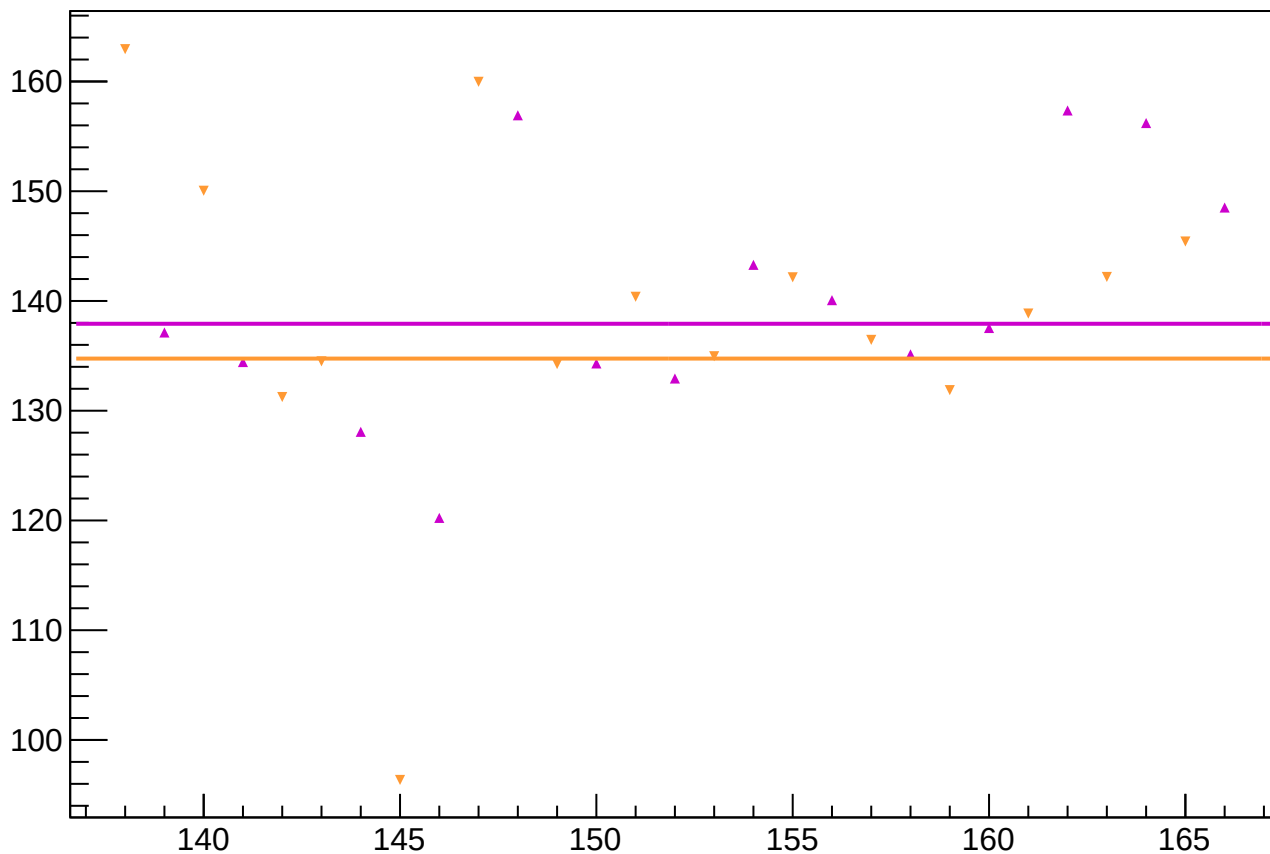
Left In: -250.259 $\pm$ 42.045 χ^2 /NDF:12.6/13

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

All: -6.737 $\pm$ 29.285 χ^2 /NDF: 91.6/28

- sign 0.000 $\pm$ 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: 134.750+/-0.029 χ^2/NDF : 360892.1/14

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

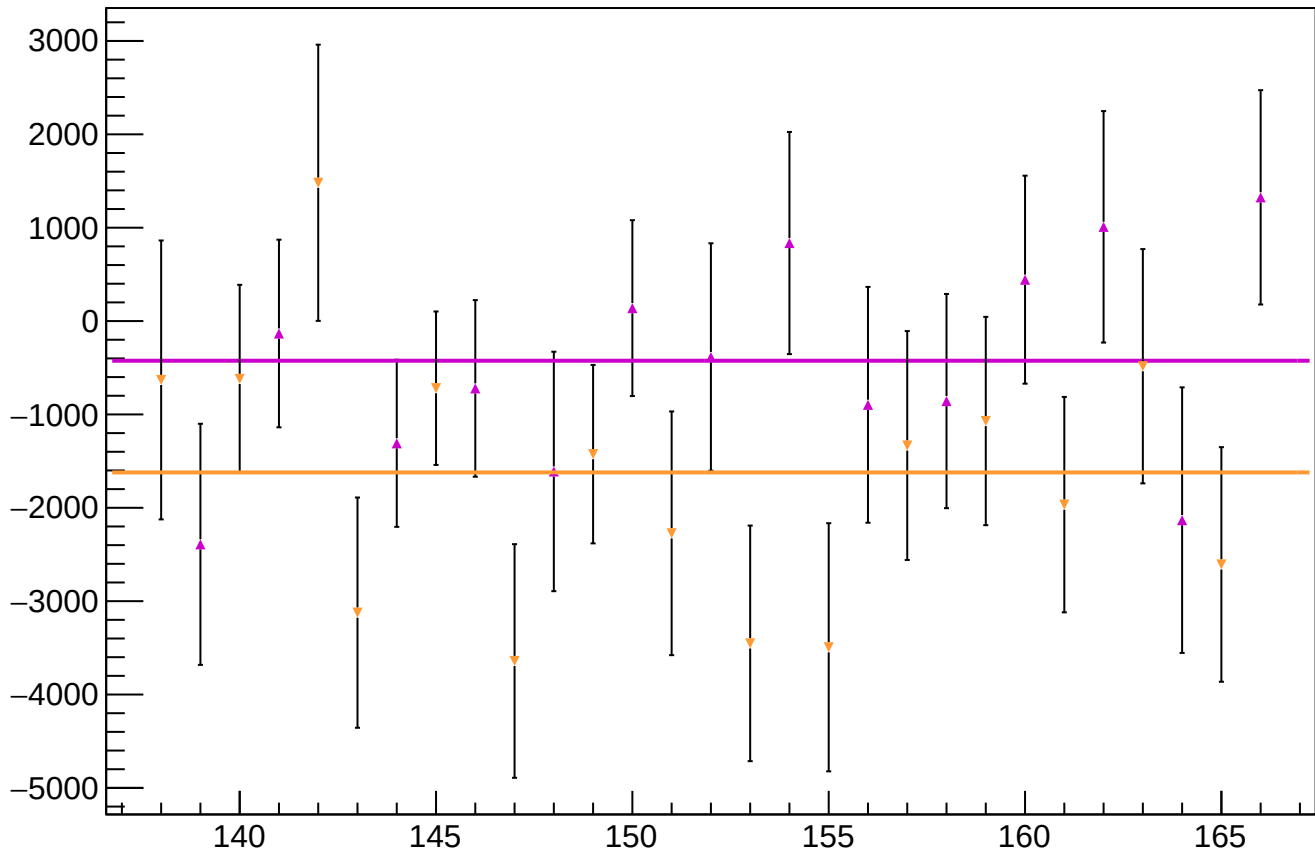
Left In: 137.922+/-0.030 χ^2/NDF : 119677.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.289+/-0.021 χ^2/NDF : 486430.1/28

- 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: -1621.135 $\pm$ 301.072 χ^2 /NDF:17.3/14

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

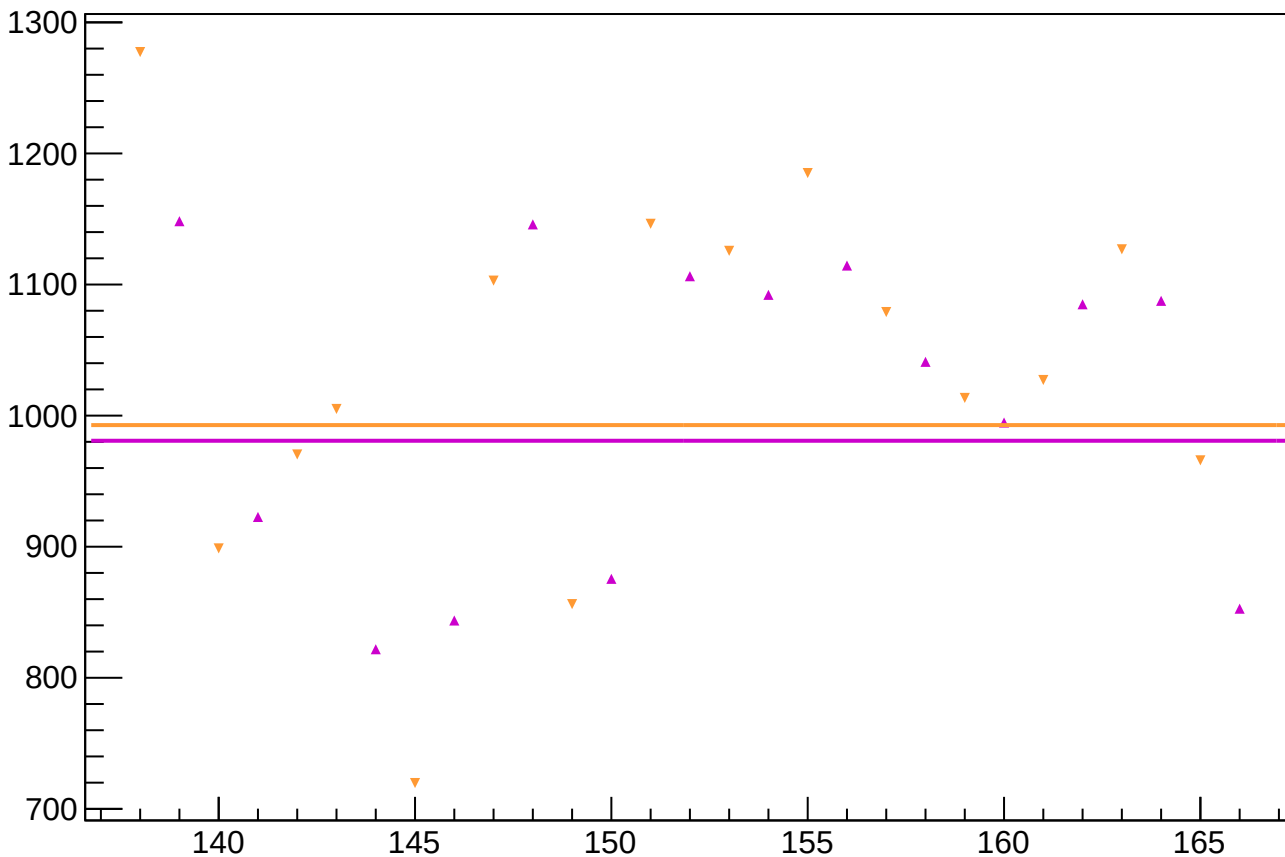
Left In: -424.947 $\pm$ 299.210 χ^2 /NDF:11.8/13

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

All: -1019.332 $\pm$ 212.229 χ^2 /NDF: 37.1/28

- 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: 992.770+/-0.213 χ^2/NDF : 495735.8/14

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

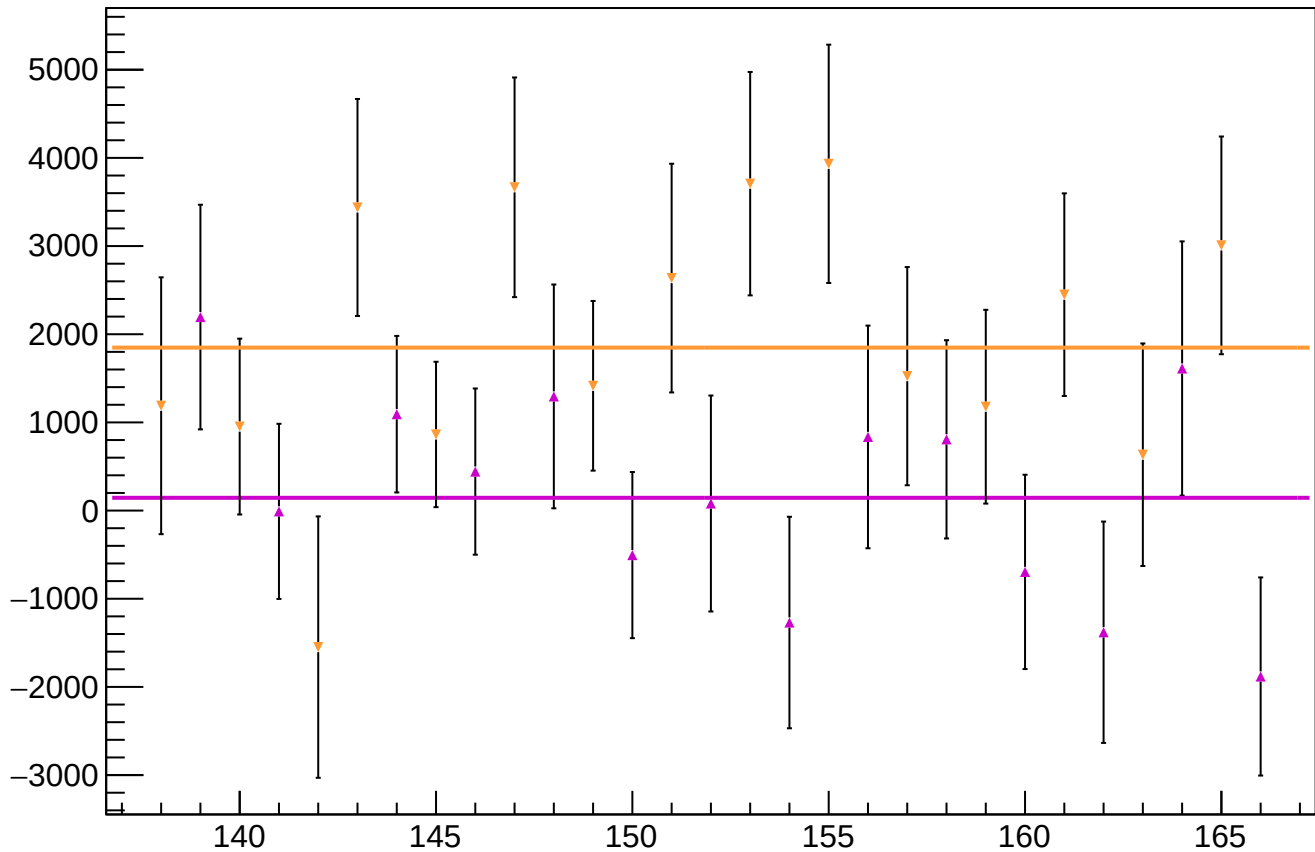
Left In: 980.825+/-0.212 χ^2/NDF : 320950.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 986.761+/-0.150 χ^2/NDF : 818270.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_mean vs Slug



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

Left Out: 1848.391+/-300.469 χ^2/NDF : 19.1/14

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

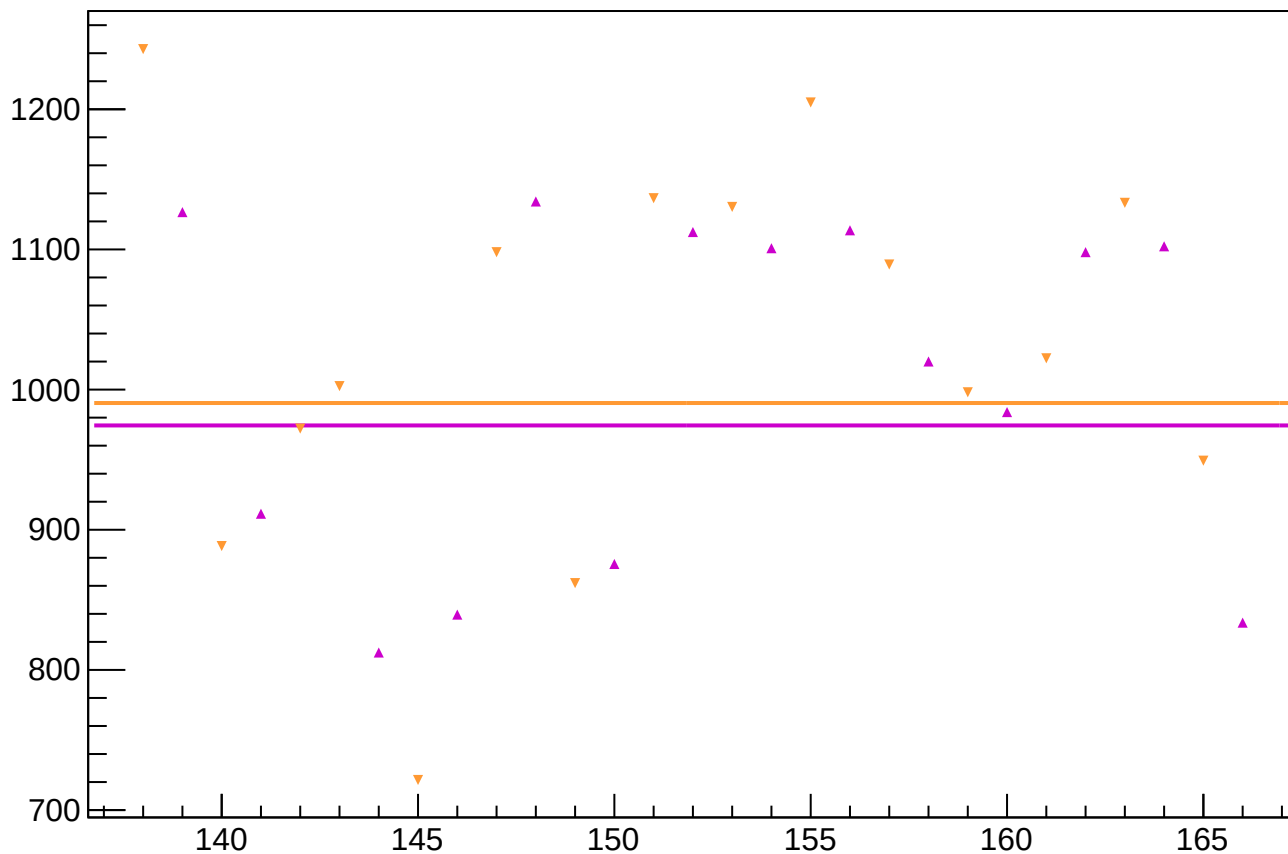
Left In: 144.857+/-297.688 χ^2/NDF : 13.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.701+/-211.474 χ^2/NDF : 48.9/28

- 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: 990.429+/-0.212 χ^2/NDF : 487414.9/14

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

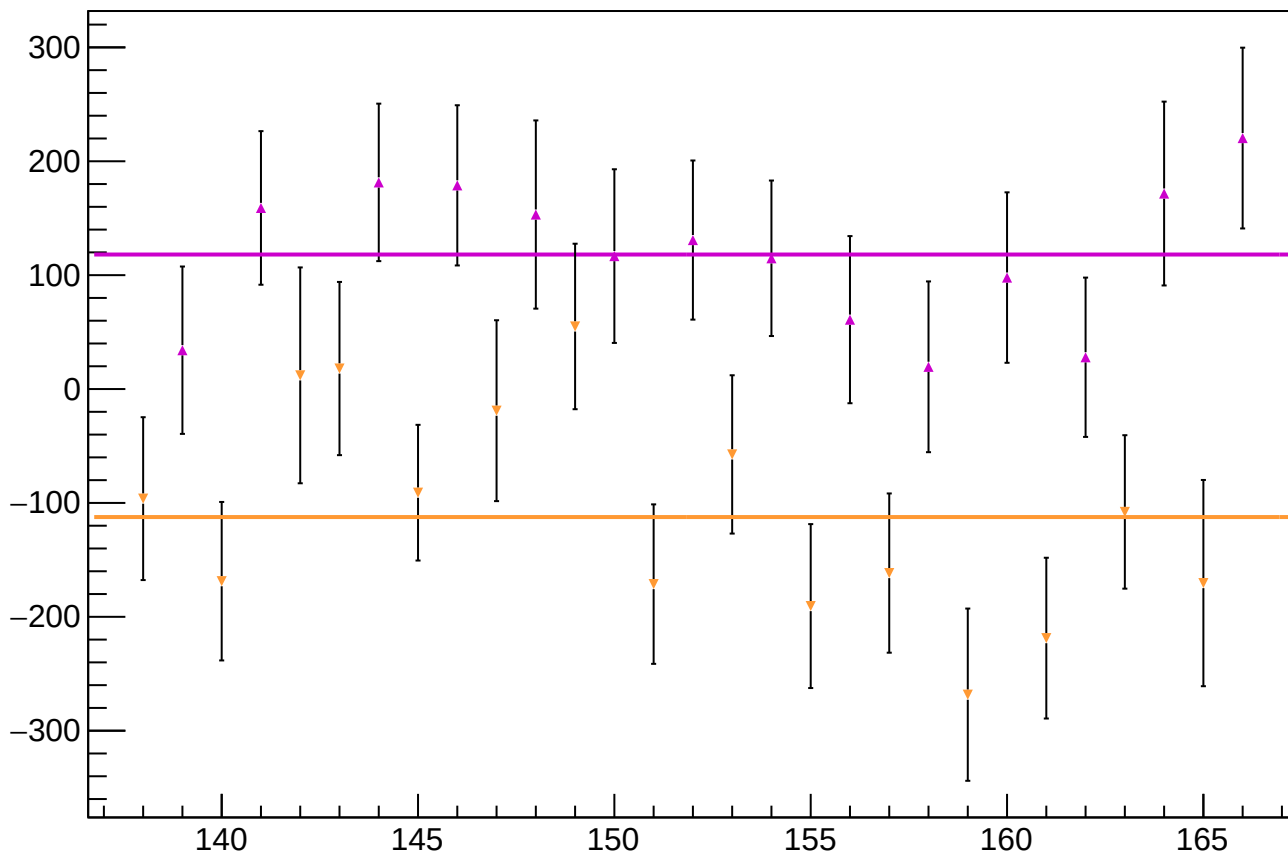
Left In: 974.425+/-0.210 χ^2/NDF : 339816.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.352+/-0.150 χ^2/NDF : 830094.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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

Left Out: -112.399 $\pm$ 18.756 χ^2 /NDF:22.1/14

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

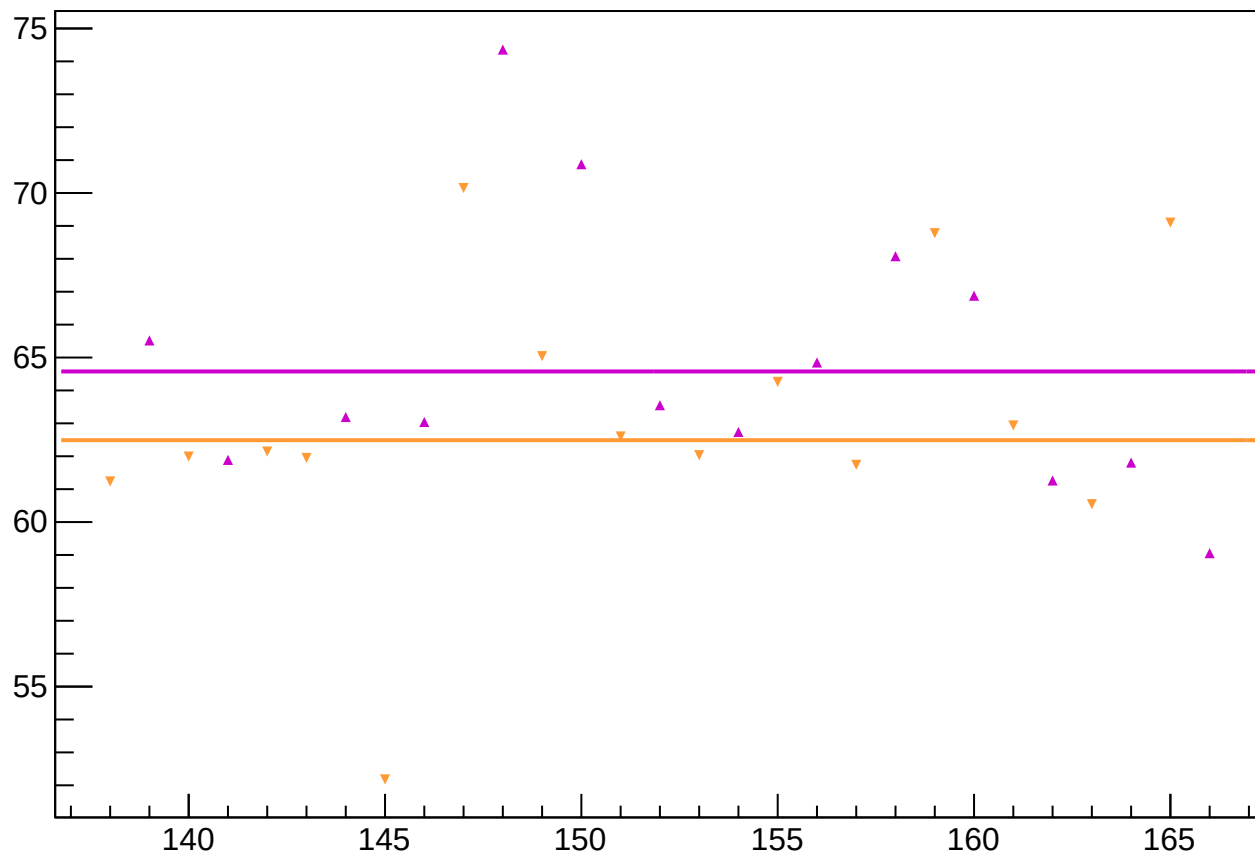
Left In: 118.116 $\pm$ 19.562 χ^2 /NDF:9.6/13

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

All: -1.991 $\pm$ 13.538 χ^2 /NDF: 104.1/28

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

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 62.488+/-0.013 χ^2/NDF :109602.9/14

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

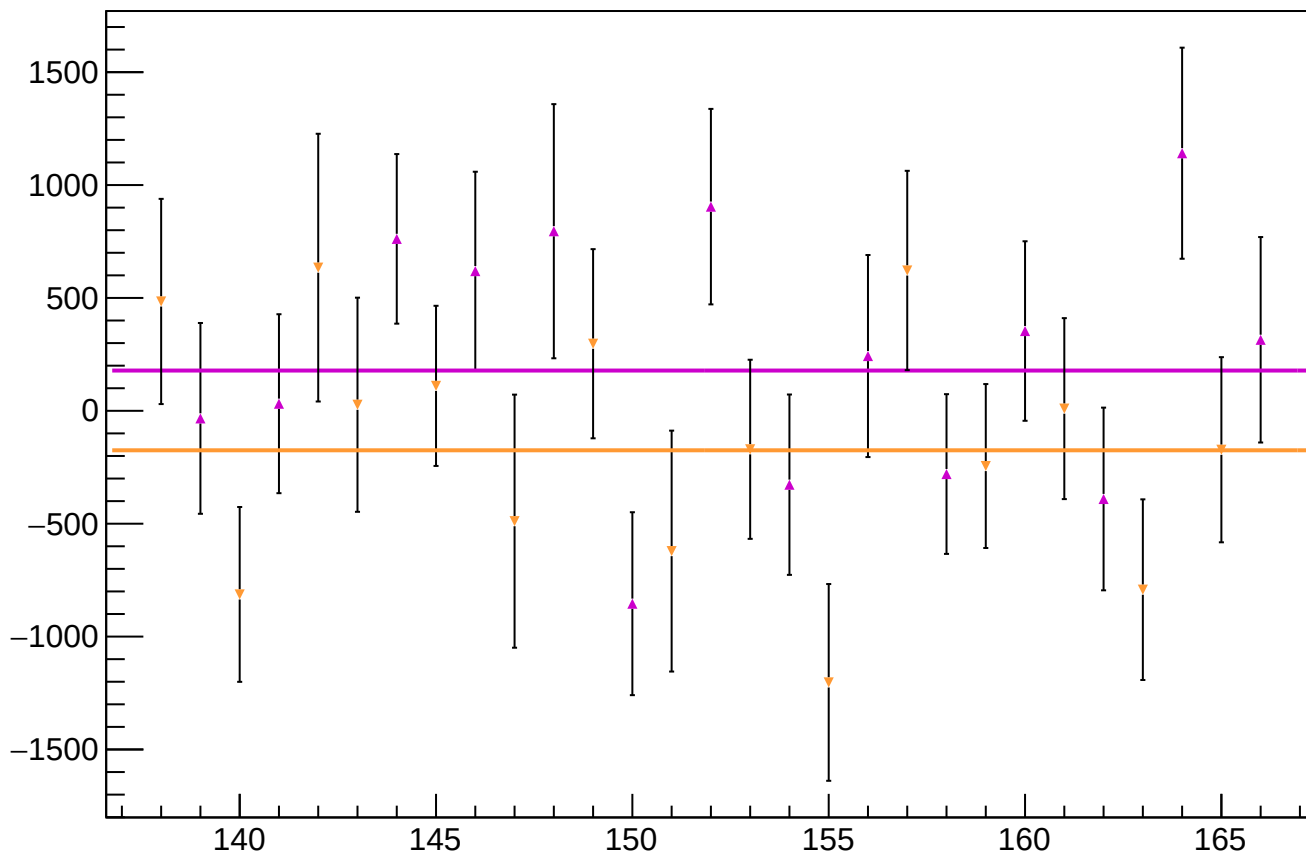
Left In: 64.577+/-0.014 χ^2/NDF :71617.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.489+/-0.010 χ^2/NDF : 193100.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -174.845+/-110.495 χ^2/NDF : 21.2/14

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

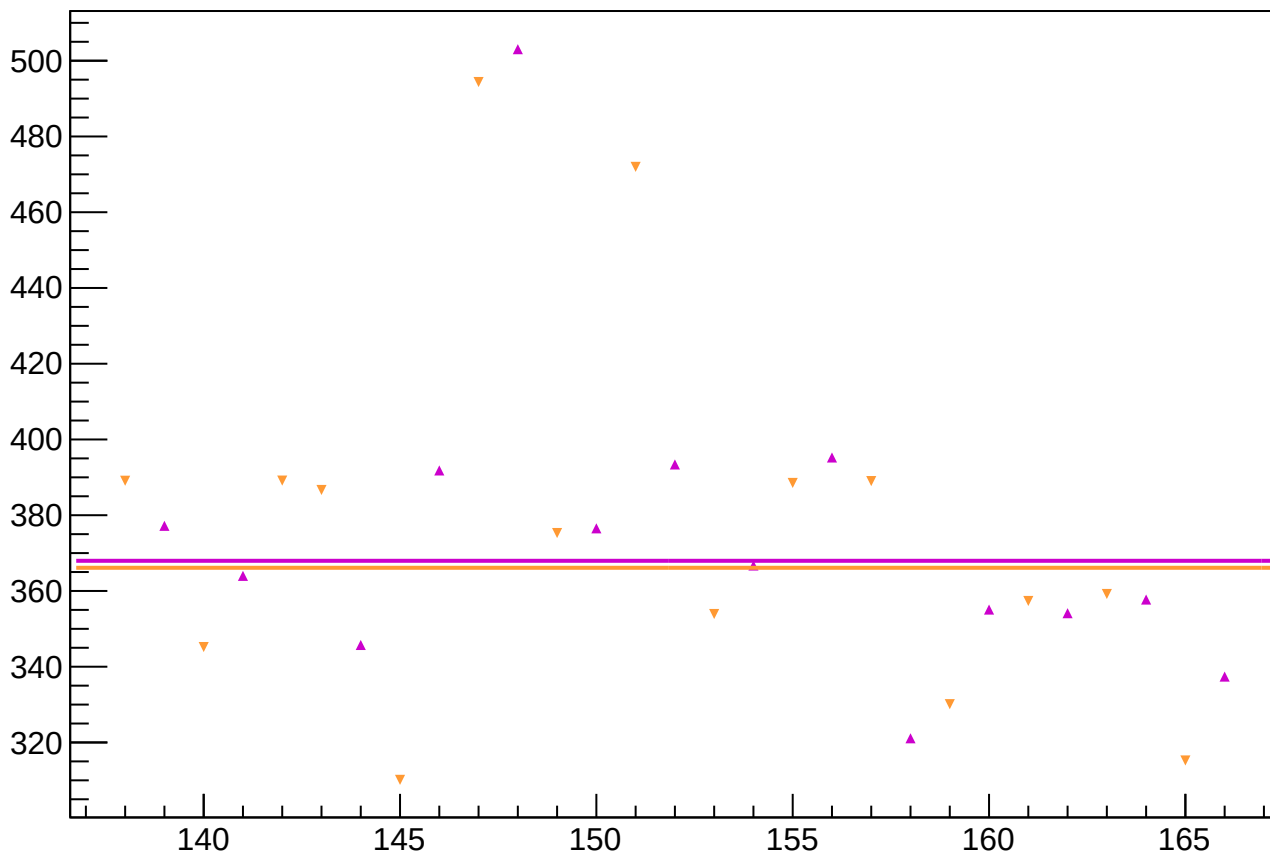
Left In: 178.400+/-111.875 χ^2/NDF : 24.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.415+/-78.615 χ^2/NDF : 50.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_rms vs Slug



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

Left Out: 366.121+/-0.078 χ^2/NDF : 316541.5/14

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

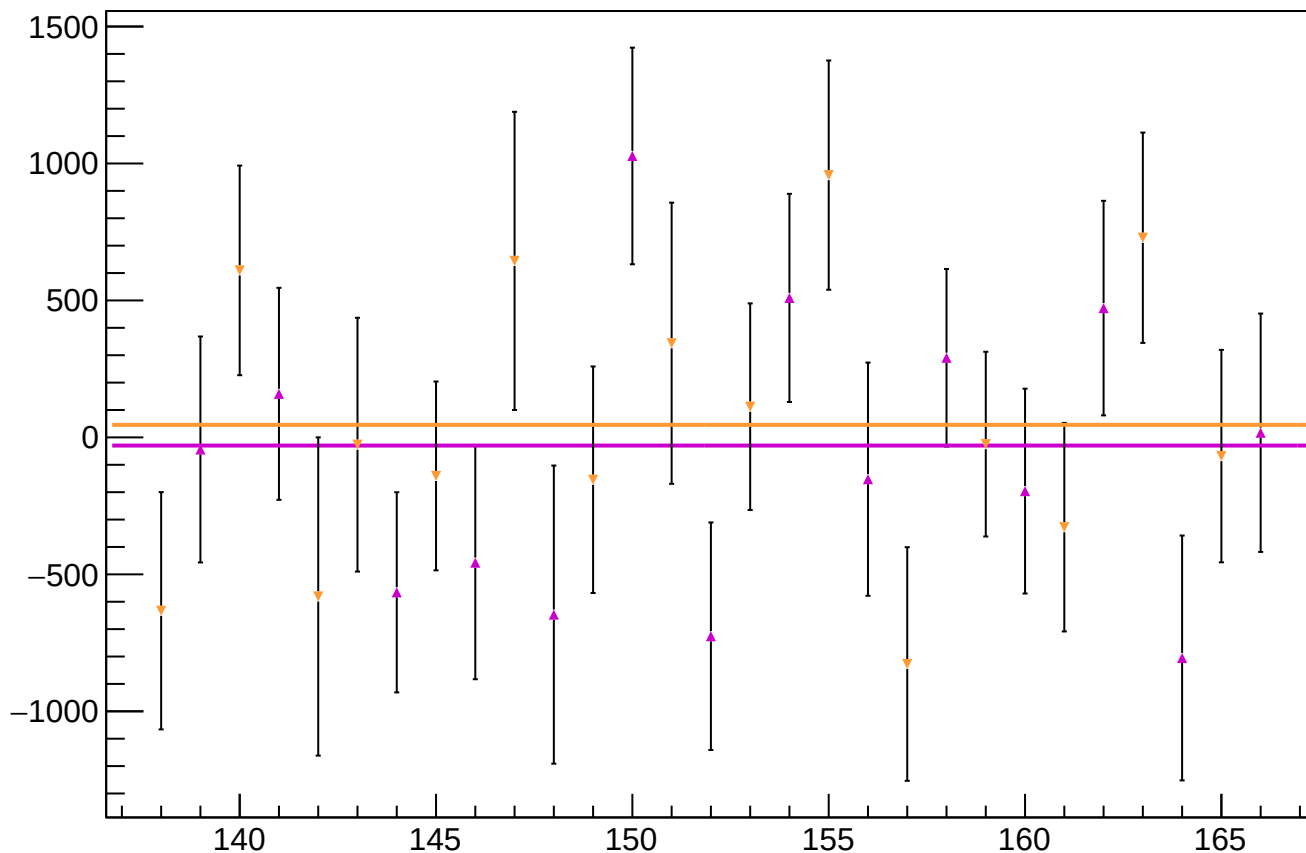
Left In: 367.965+/-0.079 χ^2/NDF : 194005.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.031+/-0.056 χ^2/NDF : 510821.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



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

Left Out: 45.796+/-106.246 χ^2/NDF : 21.1/14

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

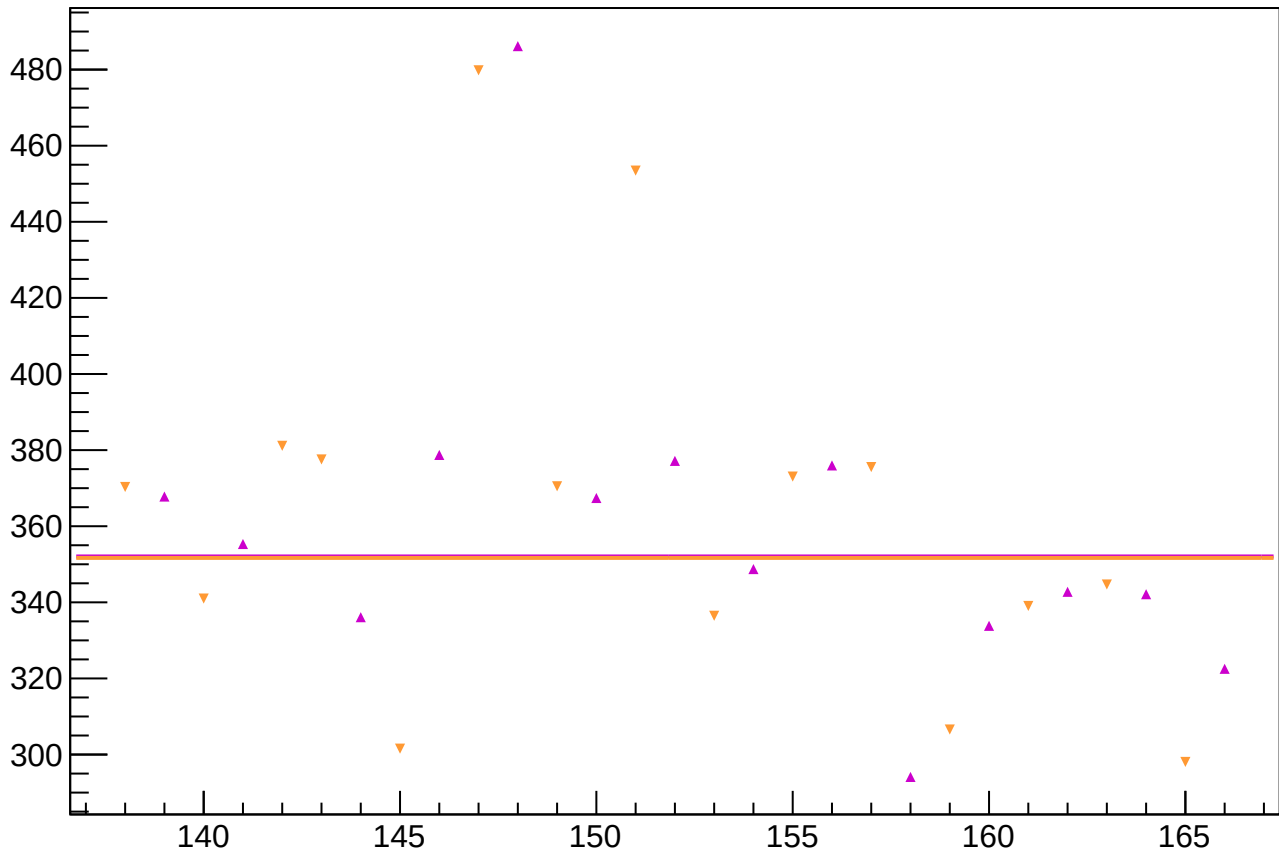
Left In: -29.750+/-107.174 χ^2/NDF : 22.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.351+/-75.453 χ^2/NDF : 43.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_rms vs Slug



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

Left Out: 351.677+/-0.075 χ^2/NDF : 344189.2/14

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

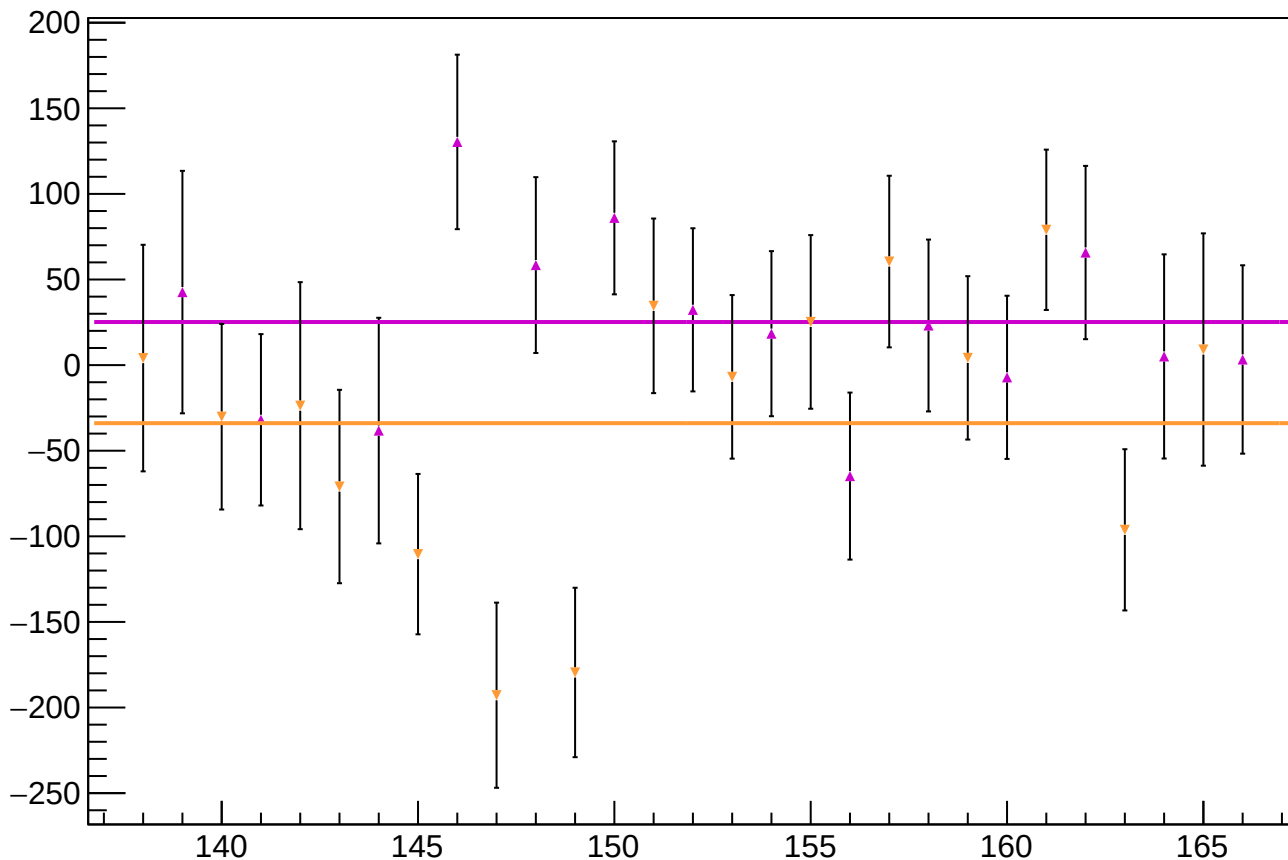
Left In: 352.053+/-0.076 χ^2/NDF : 232981.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.863+/-0.053 χ^2/NDF : 577182.6/28

- 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: -33.914 $\pm$ 13.540 χ^2 /NDF:36.4/14

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

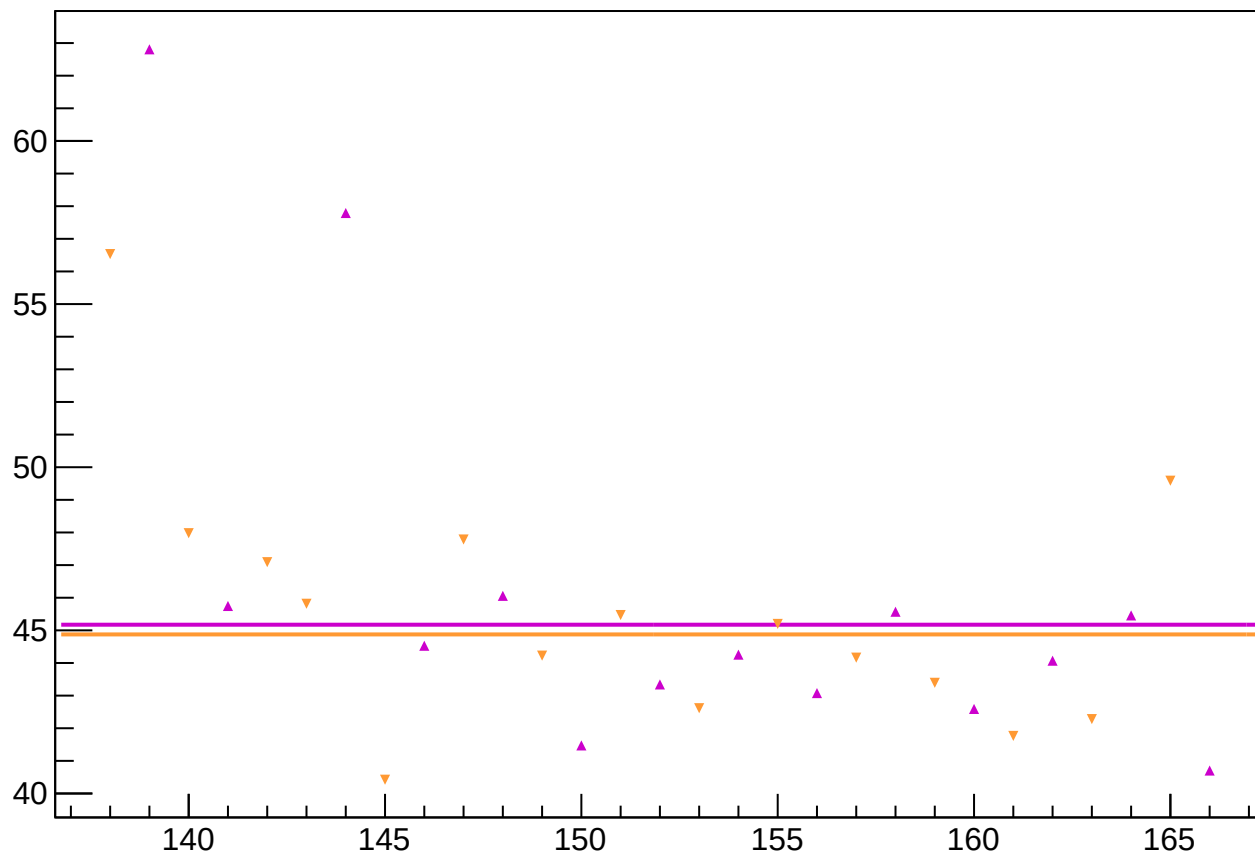
Left In: 25.166 $\pm$ 13.835 χ^2 /NDF:13.6/13

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

All: -5.009 $\pm$ 9.677 χ^2 /NDF: 59.3/28

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

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 44.875+/-0.010 χ^2/NDF :126995.0/14

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

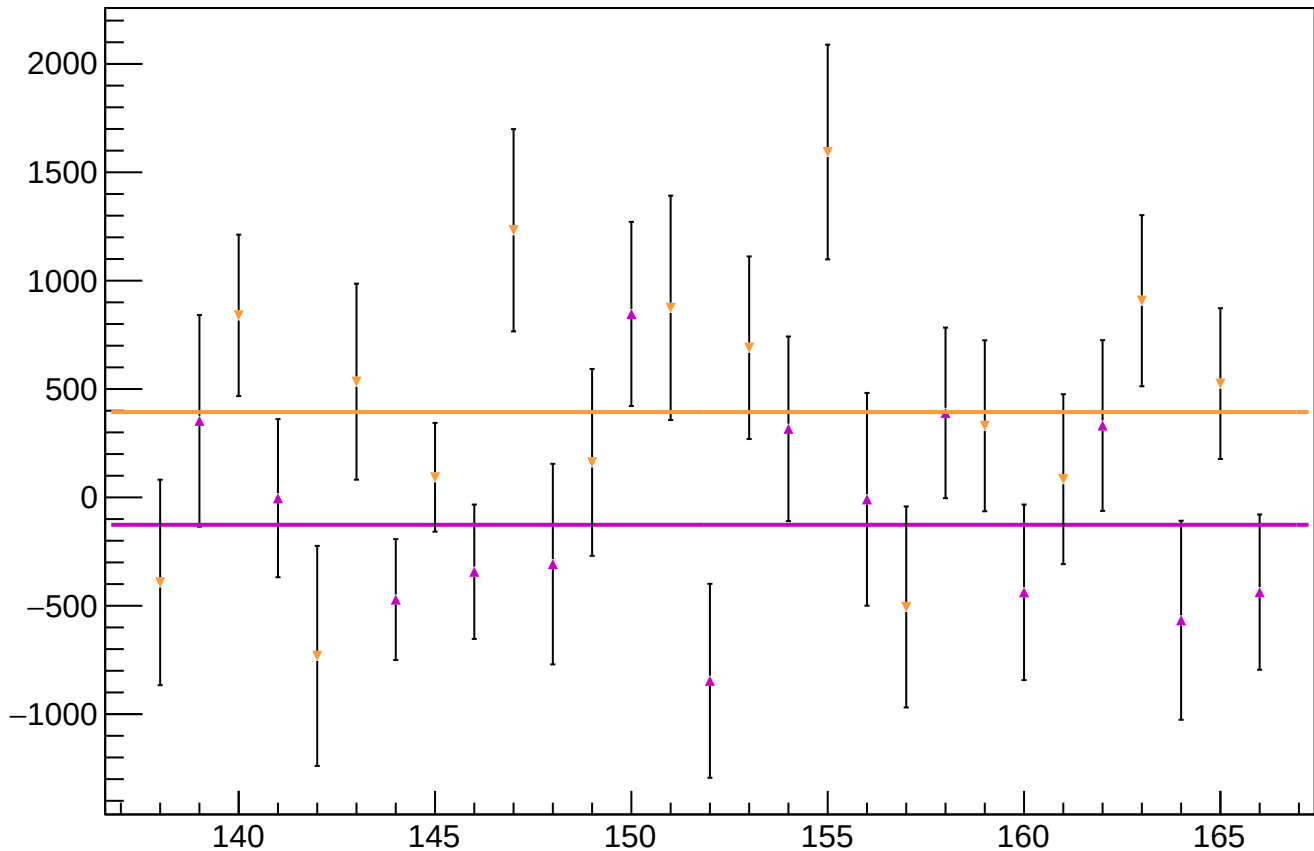
Left In: 45.173+/-0.010 χ^2/NDF :239821.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.021+/-0.007 χ^2/NDF : 367289.5/28

- 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: 393.681+/-104.259 χ^2/NDF : 27.6/14

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

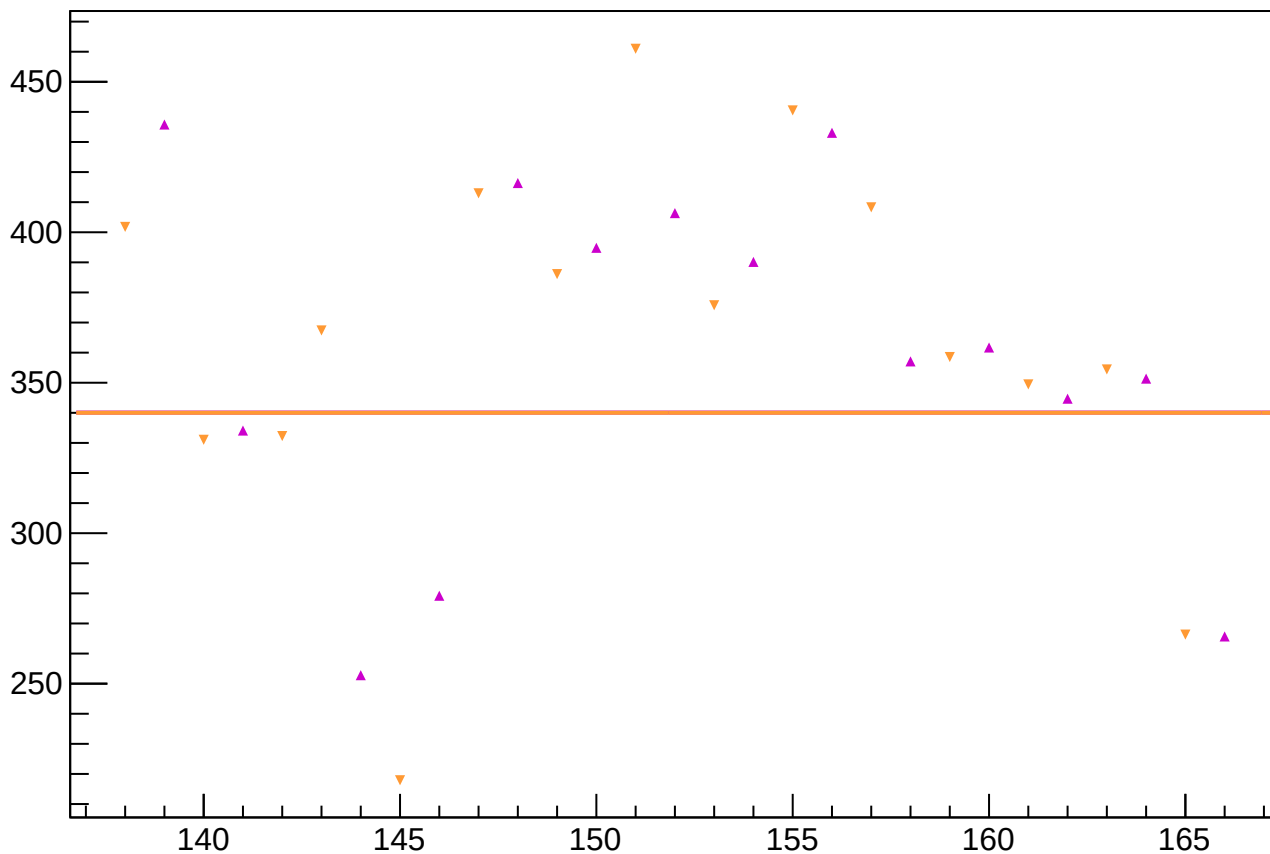
Left In: -126.376+/-104.625 χ^2/NDF : 17.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.562+/-73.851 χ^2/NDF : 57.6/28

- 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: 340.022+/-0.074 χ^2/NDF : 935687.0/14

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

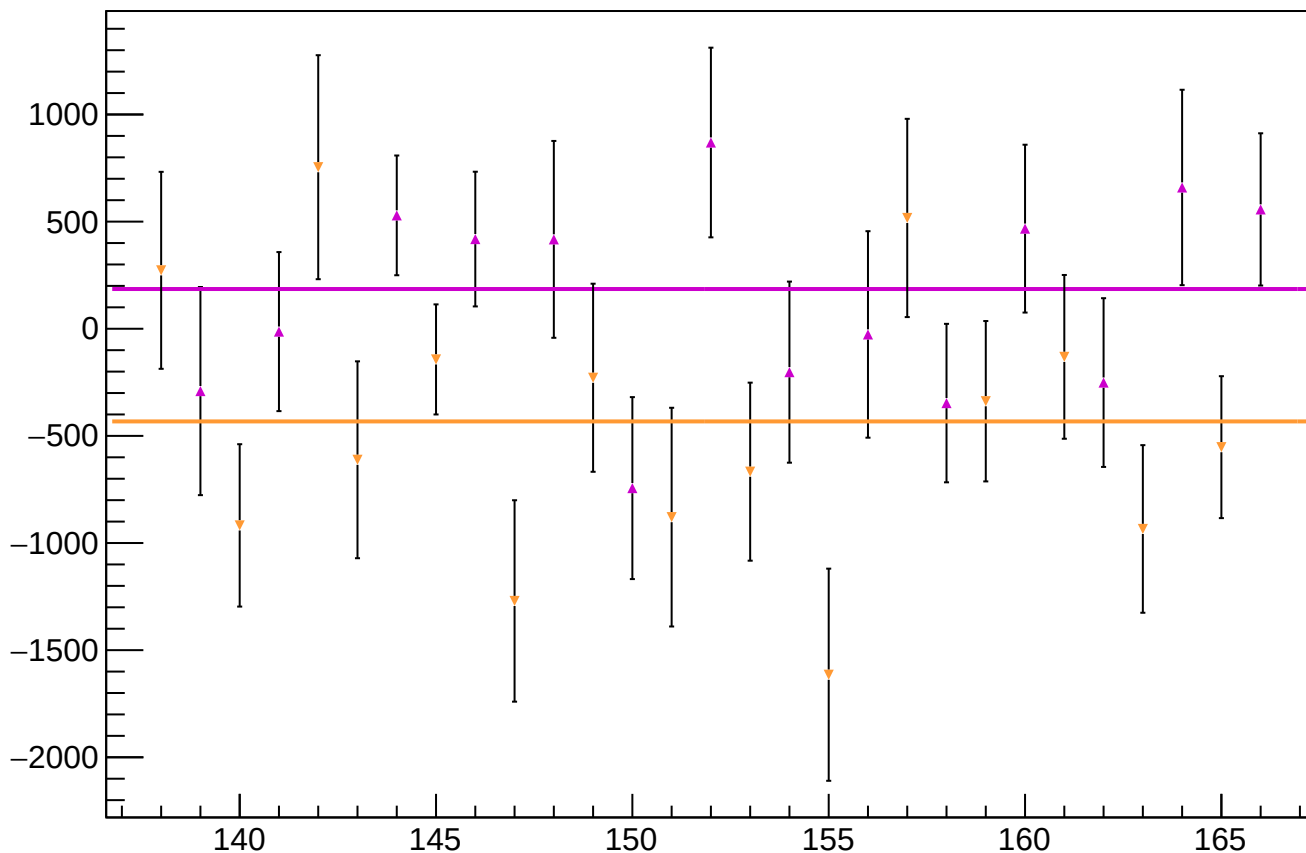
Left In: 340.085+/-0.074 χ^2/NDF : 678173.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.053+/-0.052 χ^2/NDF : 1613861.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -432.471 $\pm$ 103.701 χ^2 /NDF: 27.4/14

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

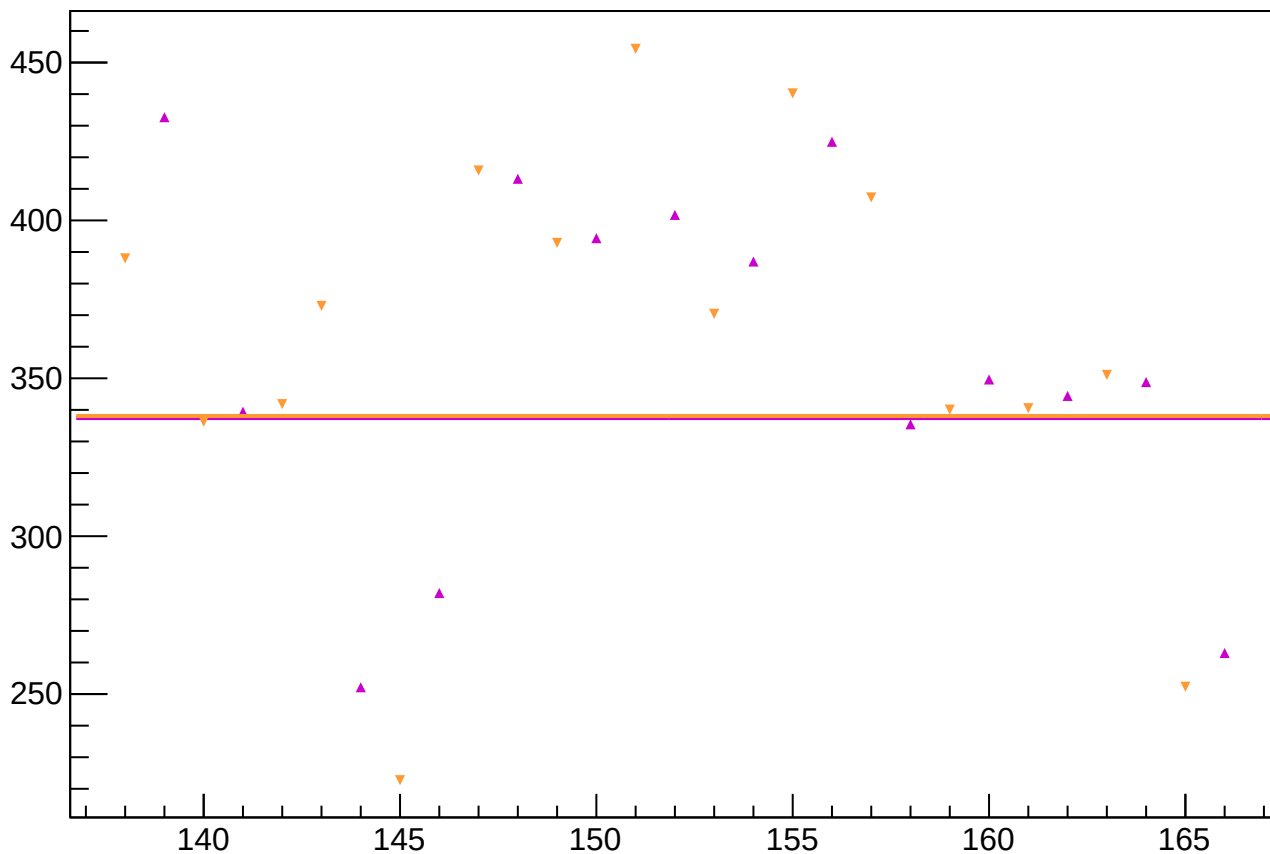
Left In: 185.443 $\pm$ 103.843 χ^2 /NDF: 17.8/13

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

All: -123.938 $\pm$ 73.378 χ^2 /NDF: 62.9/28

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

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 338.060+/-0.073 χ^2/NDF : 906740.1/14

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

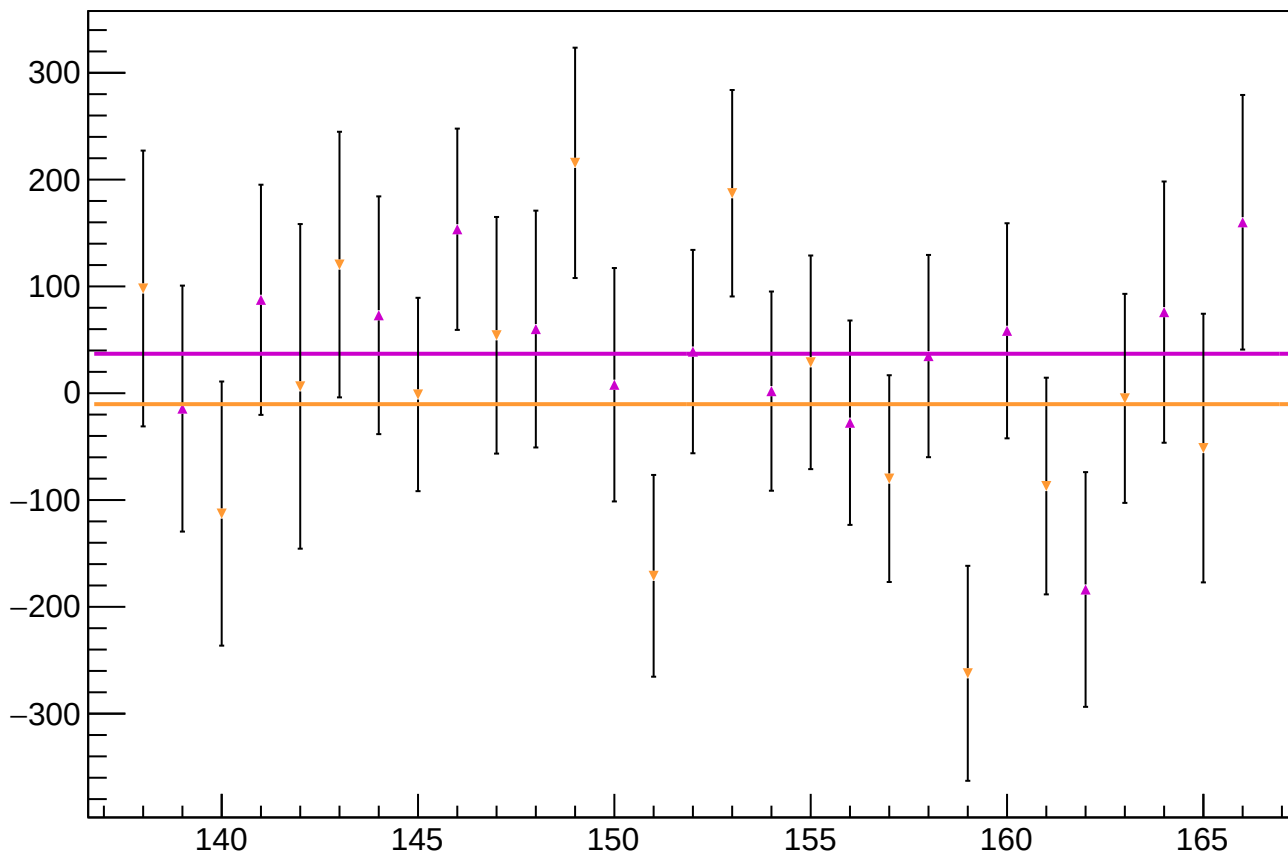
Left In: 337.407+/-0.073 χ^2/NDF : 643097.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 337.734+/-0.052 χ^2/NDF : 1549876.7/28

- 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: -10.238 $\pm$ 27.604 χ^2 /NDF:21.9/14

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

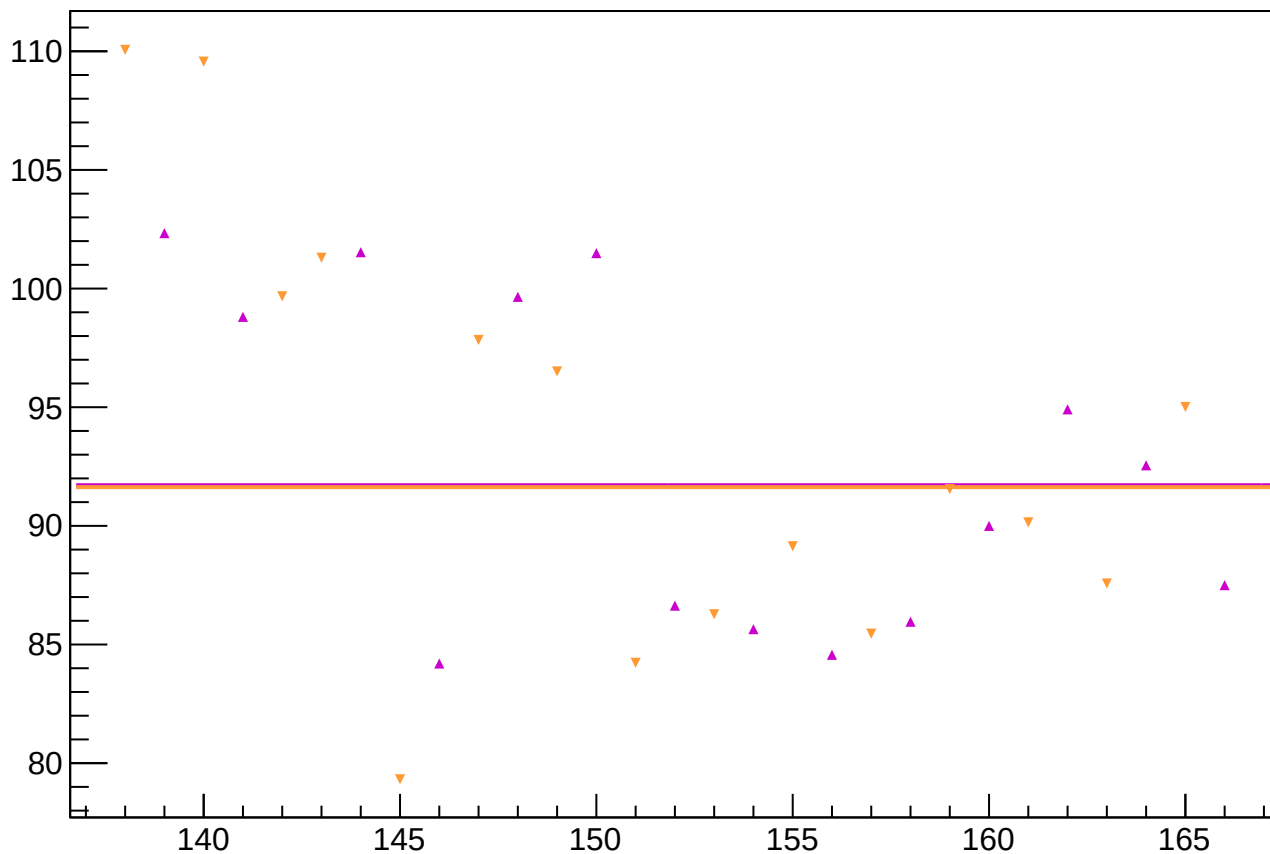
Left In: 36.950 $\pm$ 27.898 χ^2 /NDF:8.0/13

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

All: 13.106 $\pm$ 19.622 χ^2 /NDF: 31.4/28

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

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 91.632+/-0.020 χ^2/NDF :180979.2/14

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

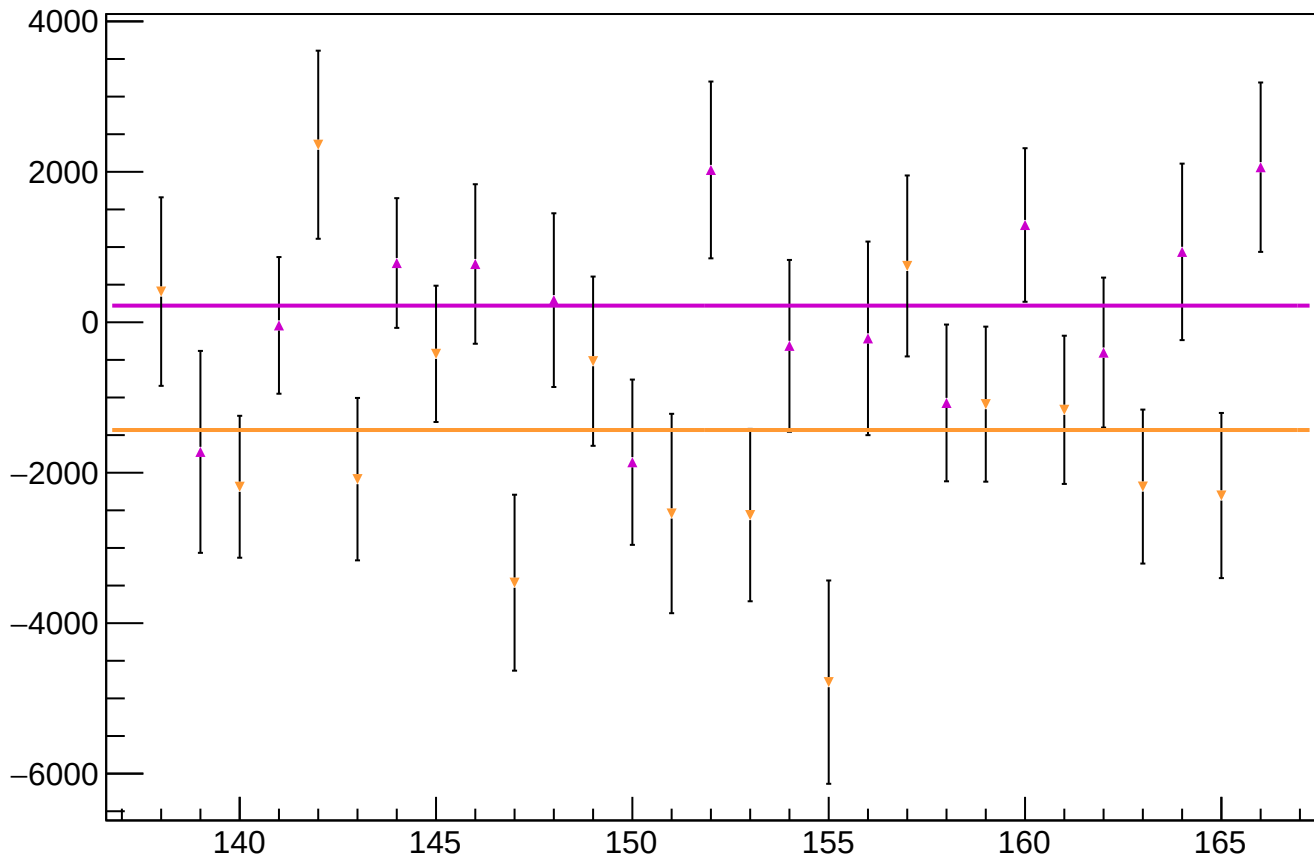
Left In: 91.713+/-0.020 χ^2/NDF :117803.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.672+/-0.014 χ^2/NDF : 298791.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug



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

Left Out: -1432.149+/-284.857 χ^2/NDF : 29.8/14

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

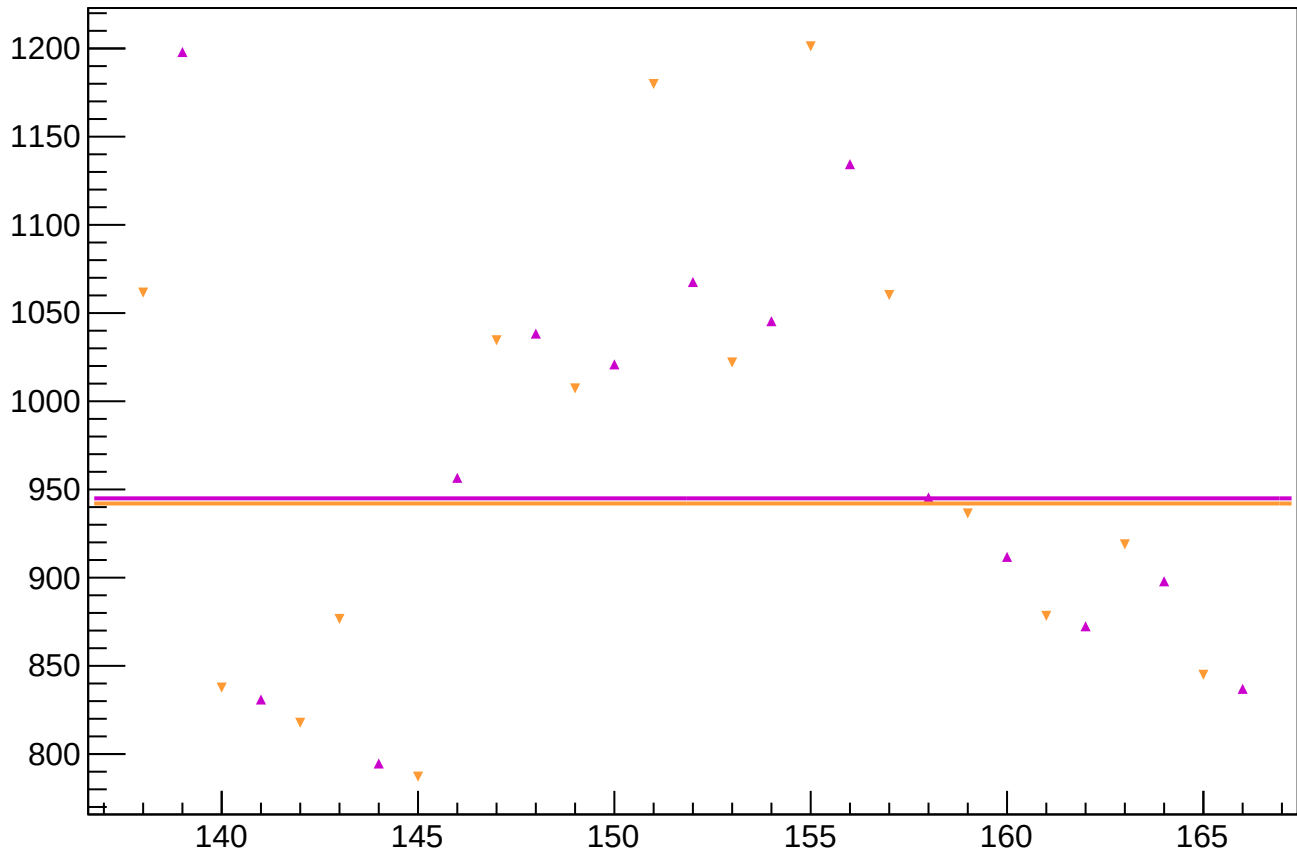
Left In: 221.381+/-287.746 χ^2/NDF : 15.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -613.727+/-202.438 χ^2/NDF : 61.7/28

- 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: 942.038+/-0.201 χ^2/NDF : 339573.9/14

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

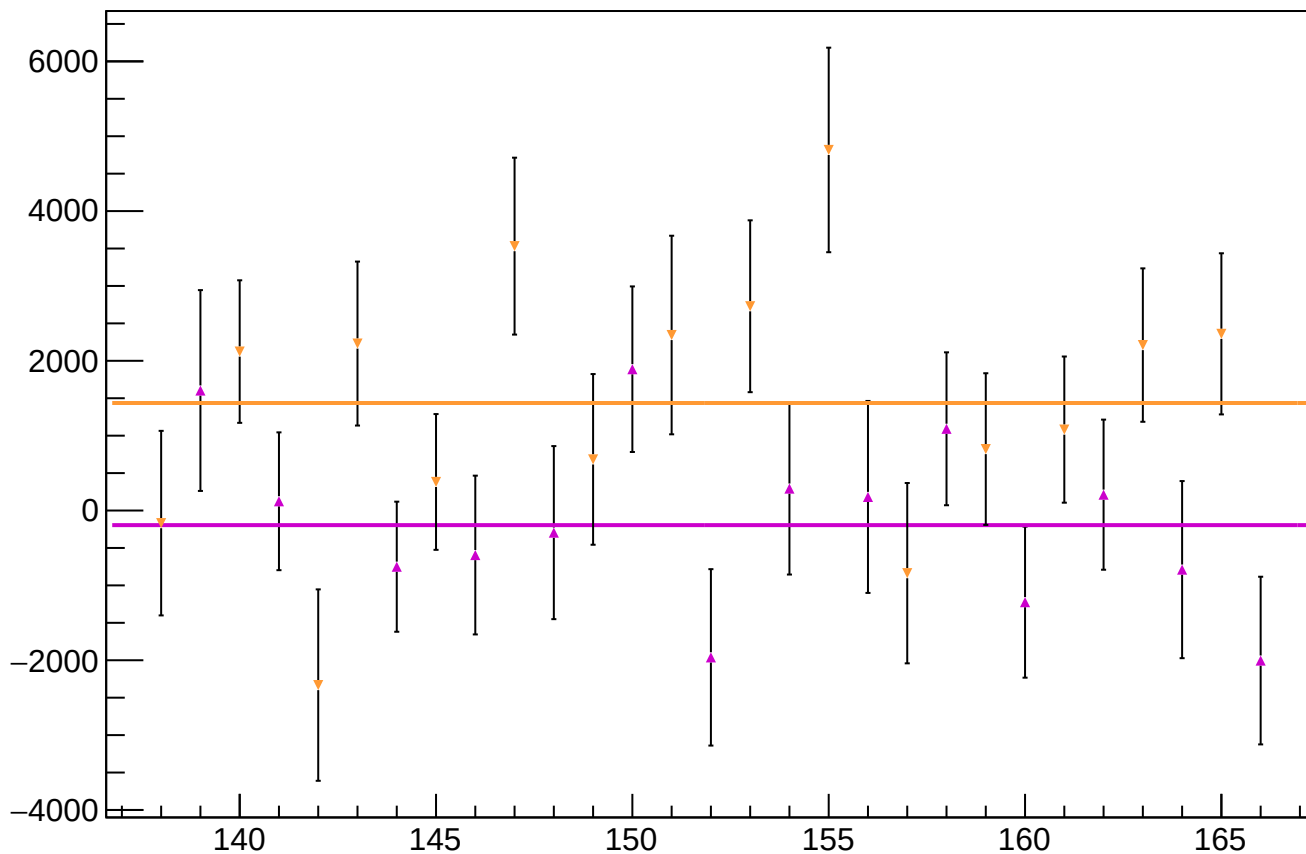
Left In: 944.965+/-0.203 χ^2/NDF : 301175.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.487+/-0.143 χ^2/NDF : 640854.3/28

- 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: 1436.398+/-285.135 χ^2/NDF : 29.6/14

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

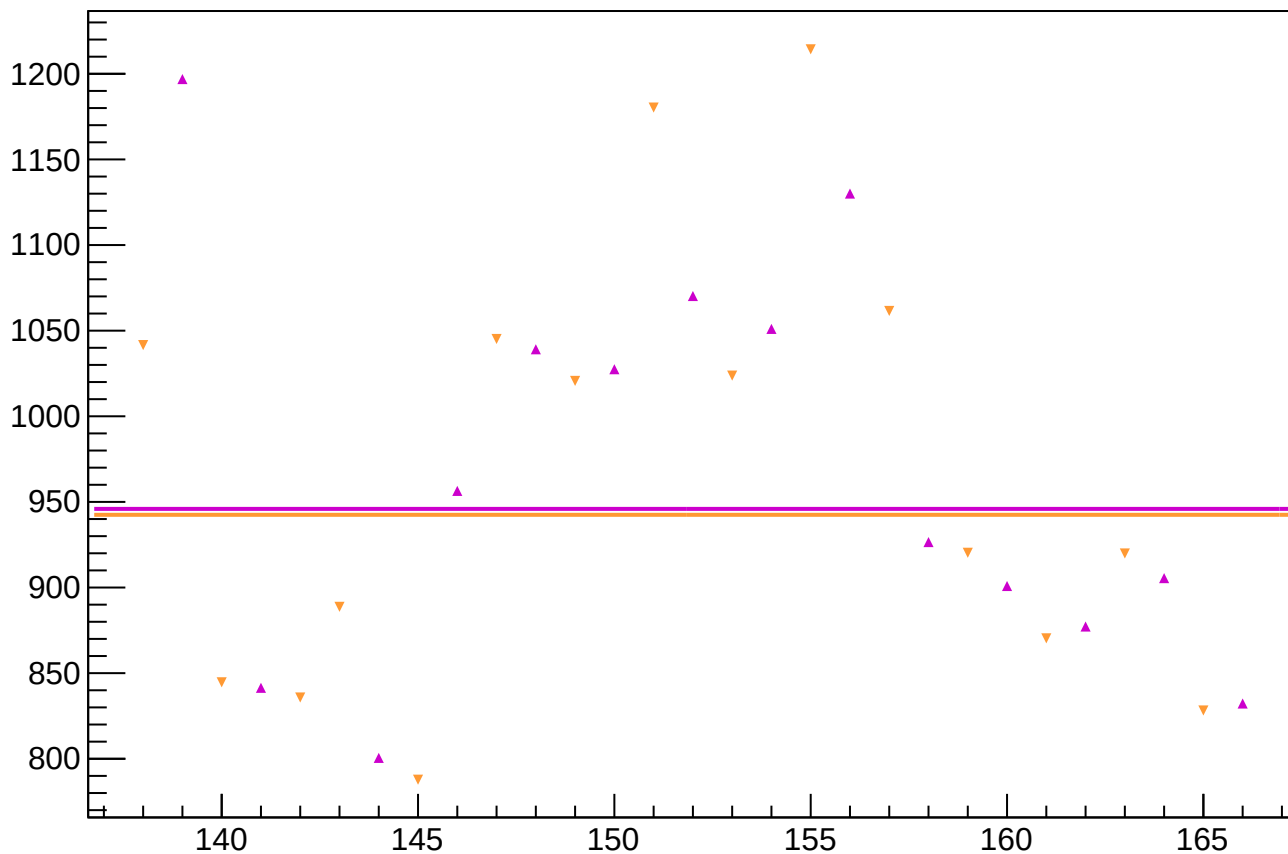
Left In: -195.065+/-288.059 χ^2/NDF : 14.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 628.992+/-202.647 χ^2/NDF : 60.0/28

- 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: 942.468+/-0.202 χ^2/NDF : 343897.0/14

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

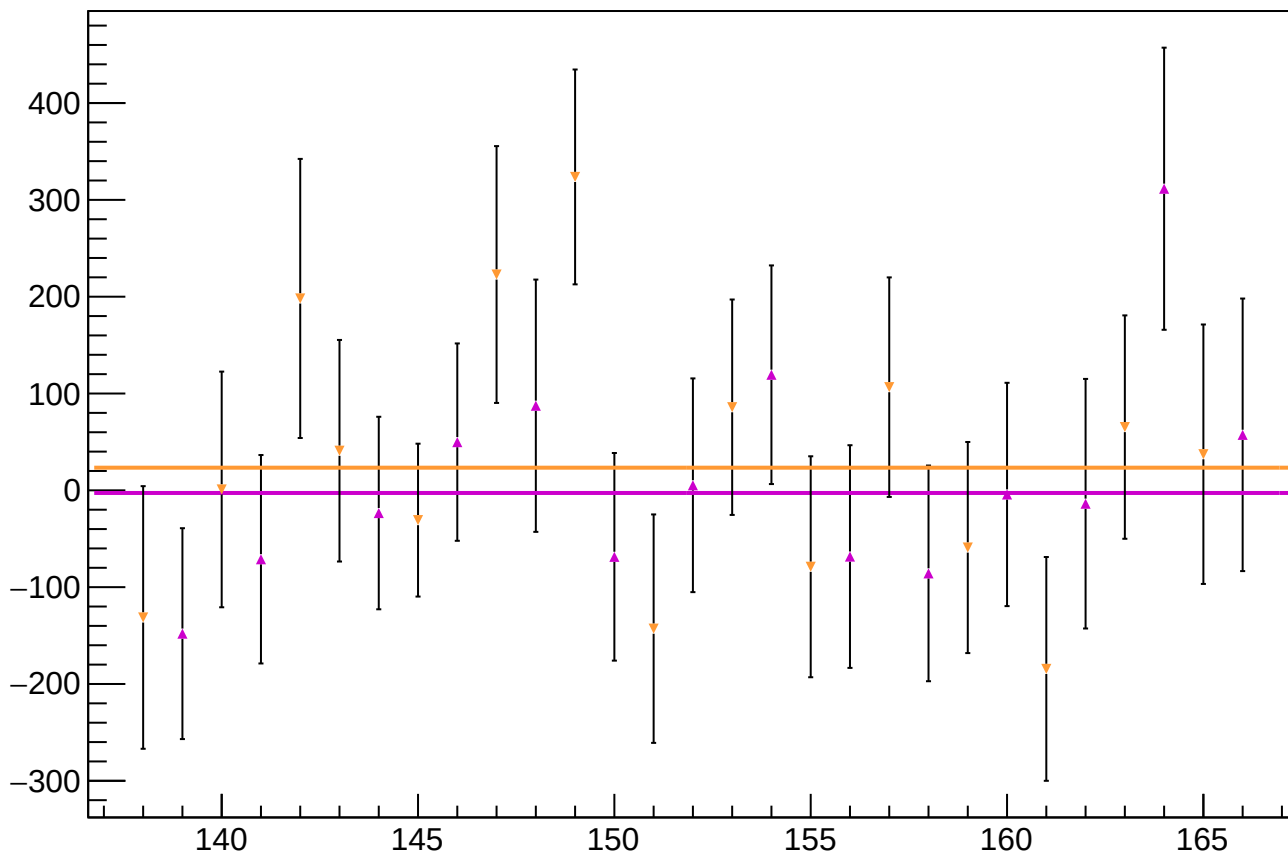
Left In: 945.927+/-0.204 χ^2/NDF : 293191.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 944.179+/-0.143 χ^2/NDF : 637234.2/28

- 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: 23.405 $\pm$ 29.591 χ^2 /NDF:20.5/14

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

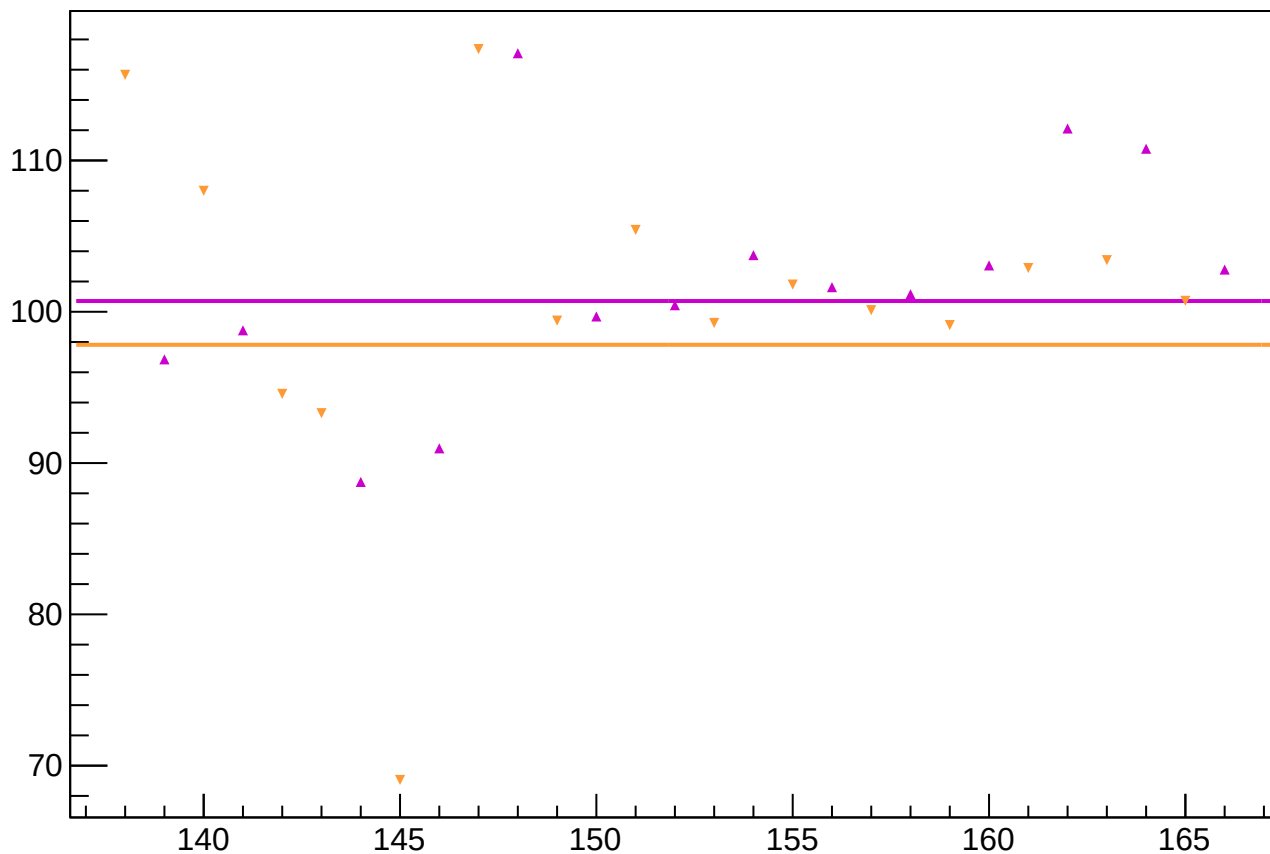
Left In: -2.718 $\pm$ 30.661 χ^2 /NDF:10.2/13

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

All: 10.807 $\pm$ 21.292 χ^2 /NDF: 31.1/28

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

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 97.817±/-0.021 χ^2/NDF :383683.3/14

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

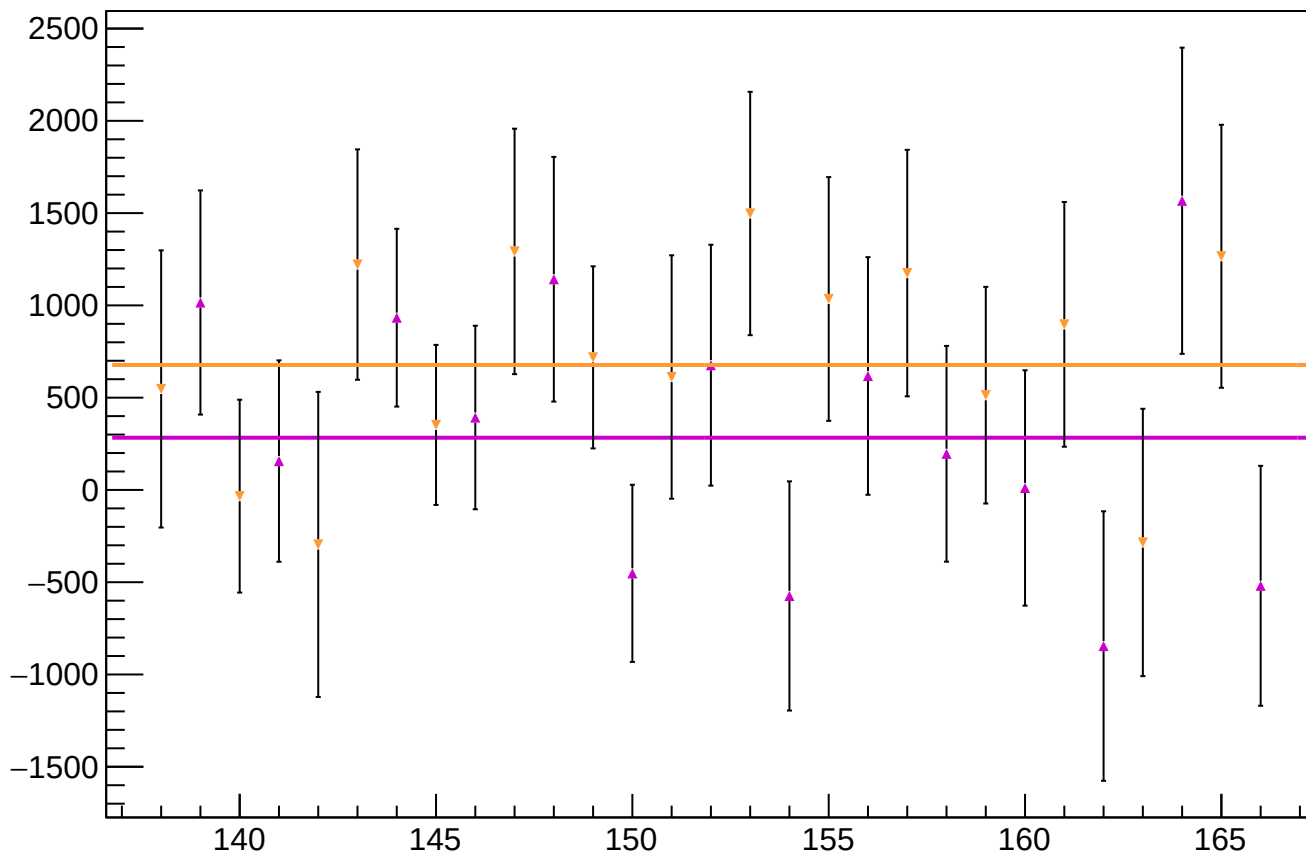
Left In: 100.711±/-0.022 χ^2/NDF :110215.8/13

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0

All: 99.213±/-0.015 χ^2/NDF : 503122.2/28

- sign 0.000±/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_mean vs Slug



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

Left Out: 677.161+/-159.432 χ^2/NDF :10.5/14

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

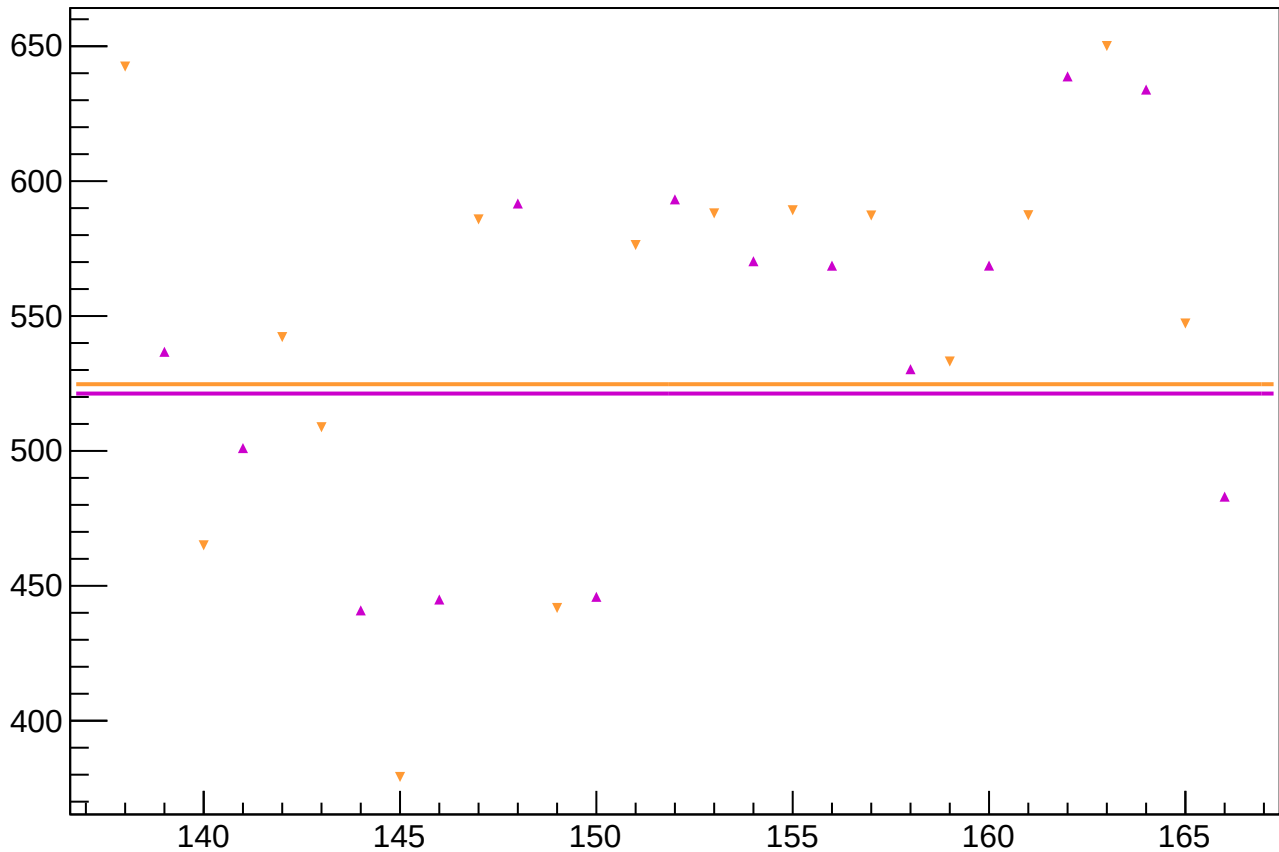
Left In: 283.023+/-159.163 χ^2/NDF :16.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.759+/-112.640 χ^2/NDF : 30.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_rms vs Slug



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

Left Out: 524.732+/-0.113 χ^2/NDF : 523726.4/14

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

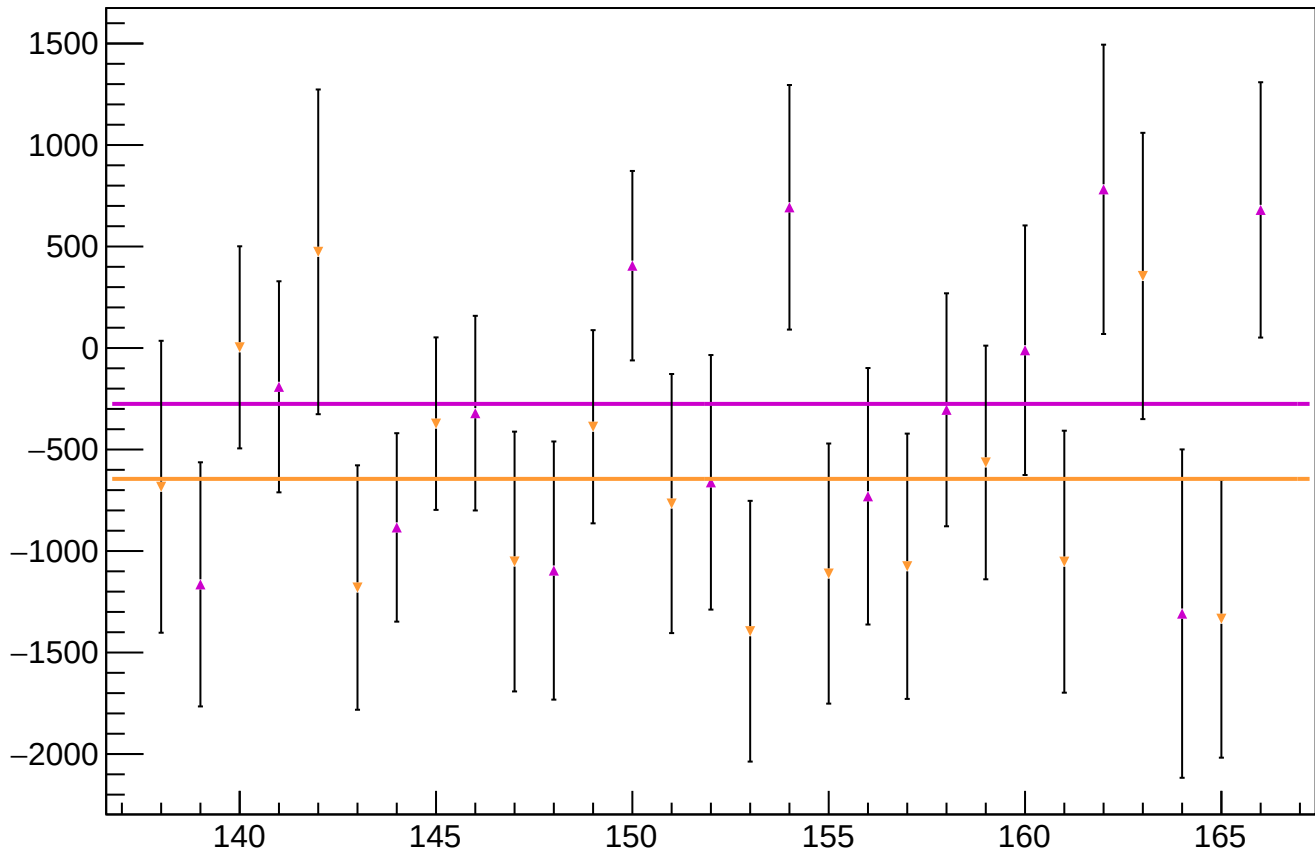
Left In: 521.265+/-0.113 χ^2/NDF : 333528.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.996+/-0.080 χ^2/NDF : 857728.2/28

- 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: -644.609+/-154.458 χ^2/NDF : 11.4/14

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

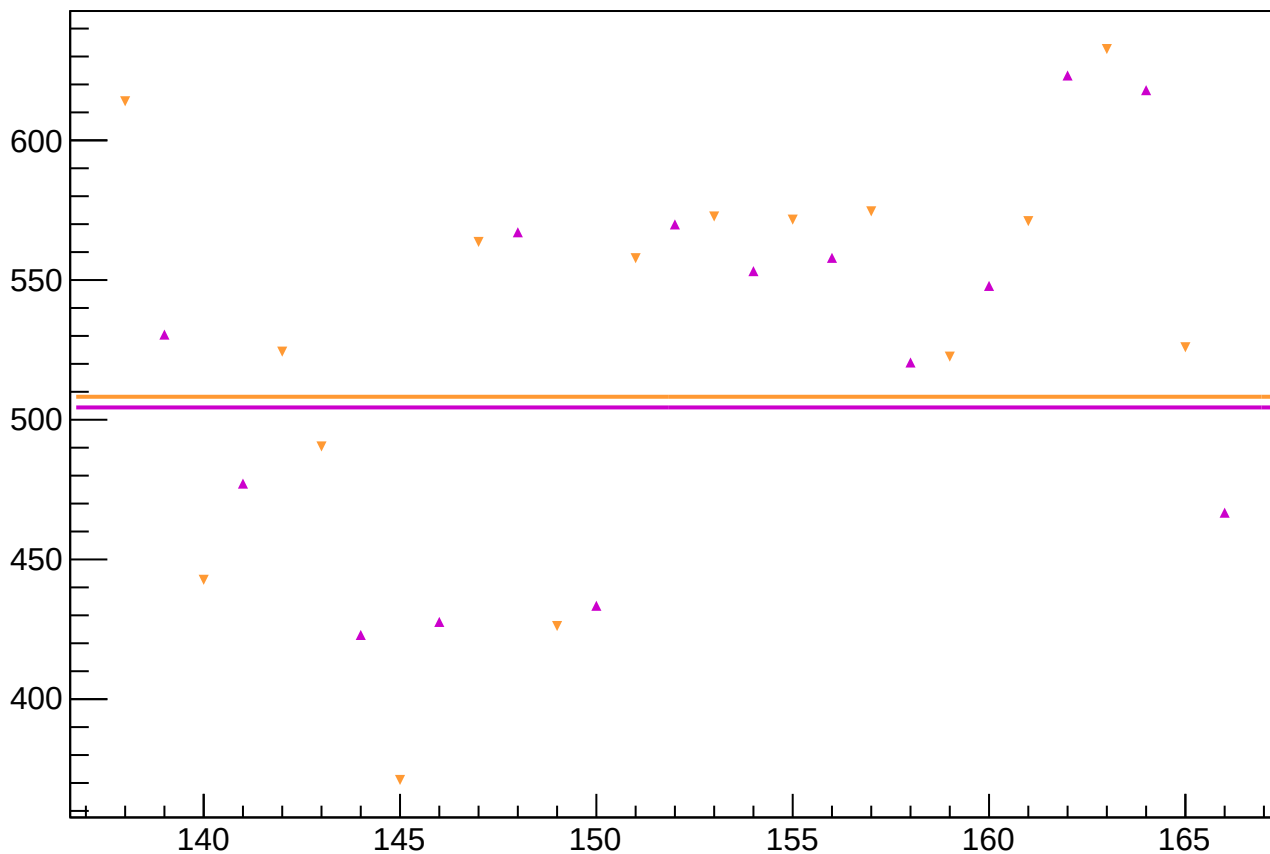
Left In: -275.189+/-154.233 χ^2/NDF : 17.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -459.630+/-109.139 χ^2/NDF : 31.8/28

- 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: 508.226+/-0.109 χ^2/NDF : 519627.3/14

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

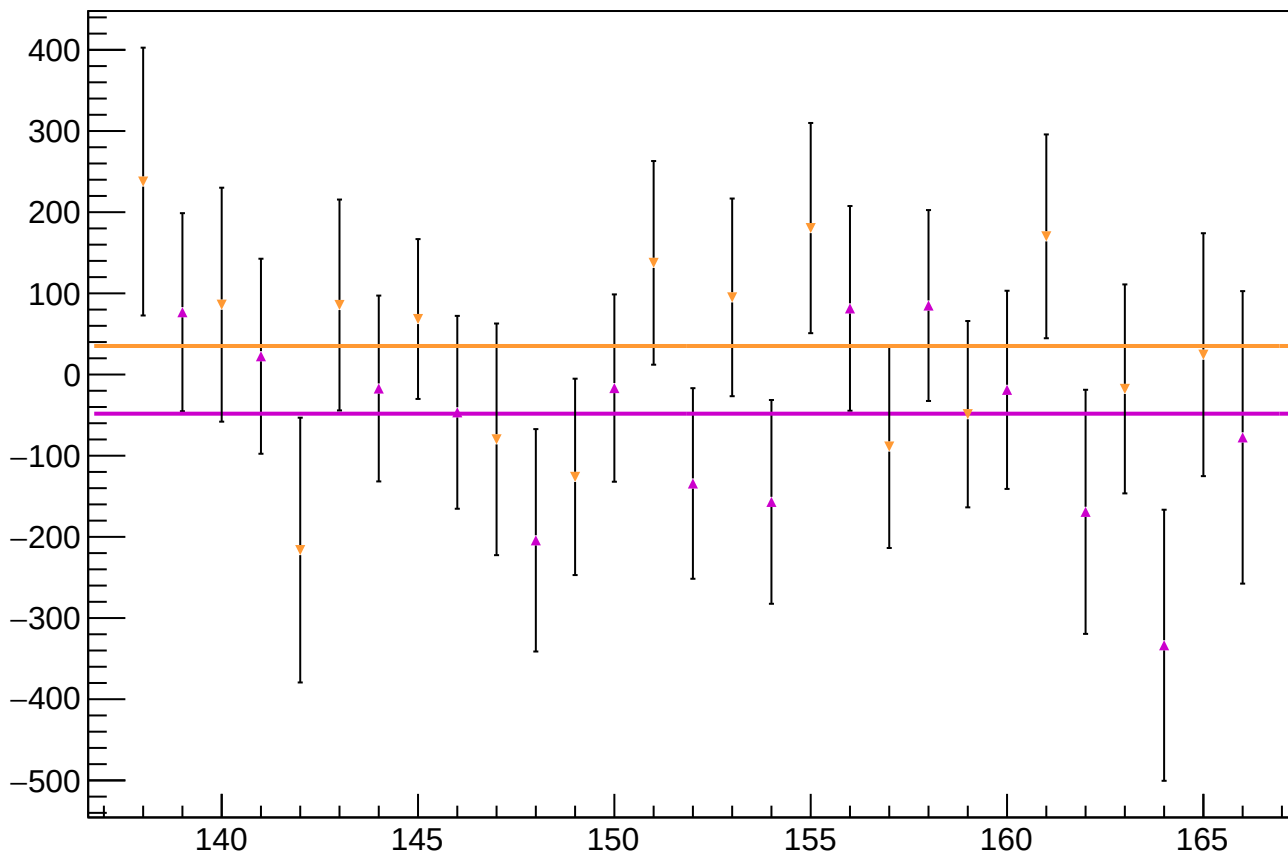
Left In: 504.405+/-0.109 χ^2/NDF : 350871.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.313+/-0.077 χ^2/NDF : 871111.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 35.157 $\pm$ 33.308 χ^2 /NDF:11.7/14

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

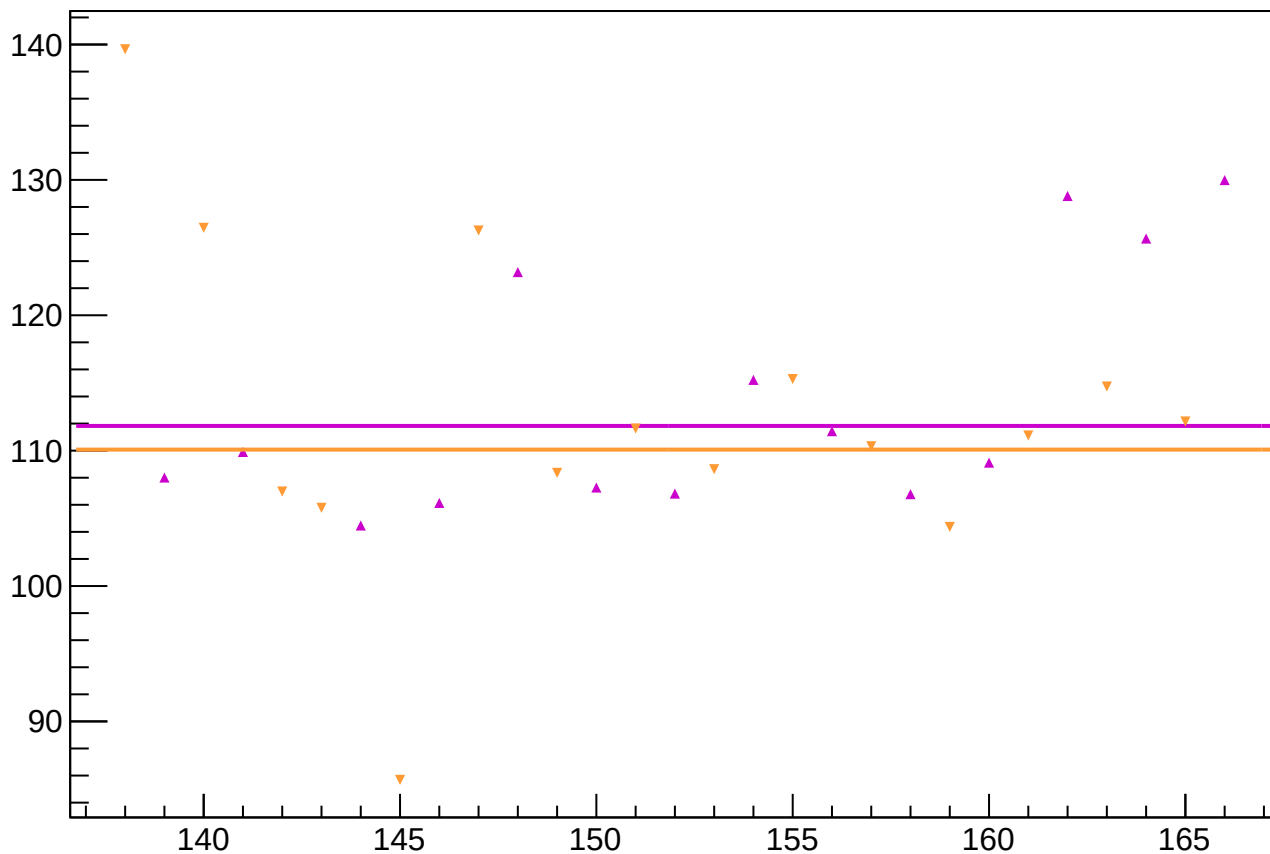
Left In: -48.238 $\pm$ 34.076 χ^2 /NDF:10.1/13

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

All: -5.590 $\pm$ 23.819 χ^2 /NDF: 24.9/28

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

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 110.077+/-0.024 χ^2/NDF : 253854.6/14

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

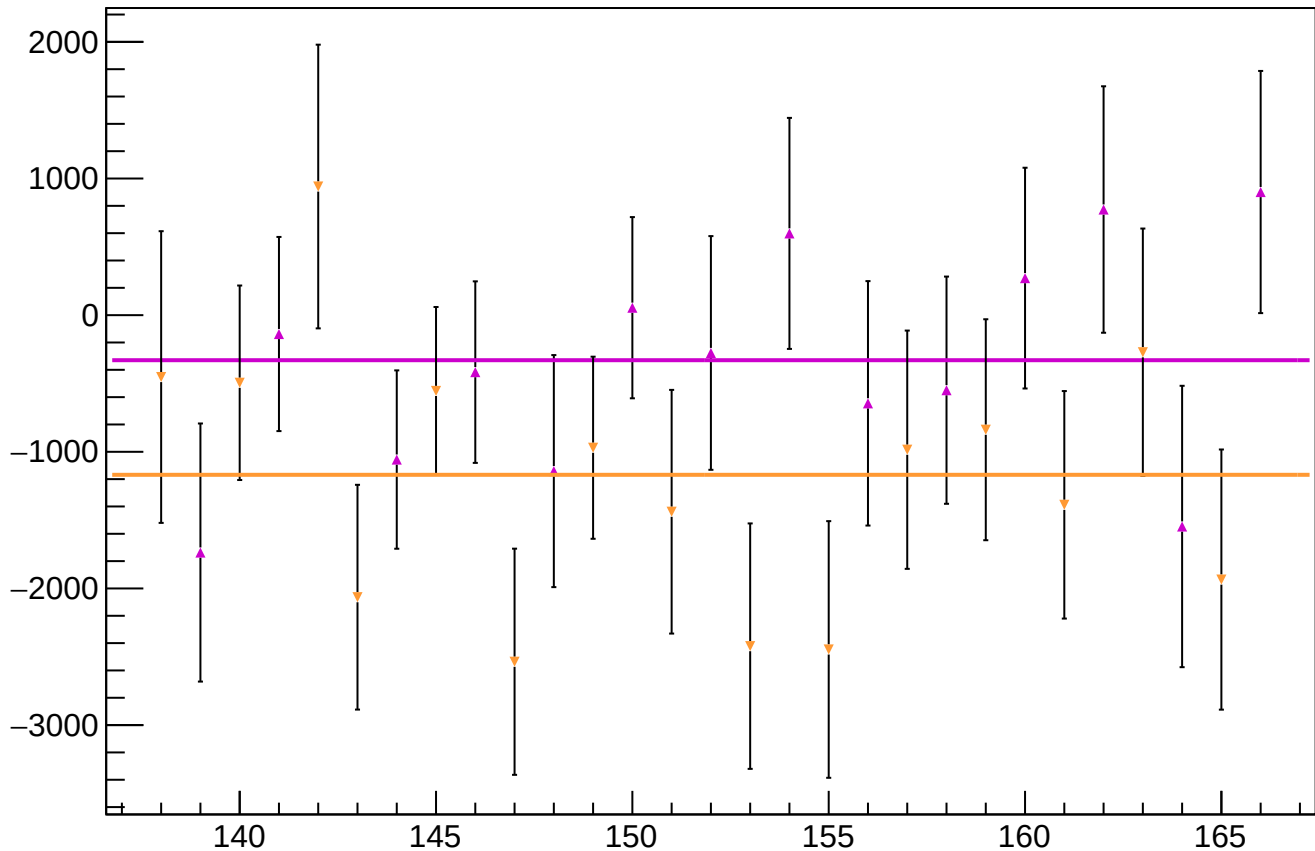
Left In: 111.827+/-0.024 χ^2/NDF : 101521.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.932+/-0.017 χ^2/NDF : 358072.1/28

- 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: -1168.327 $\pm$ 213.866 χ^2 /NDF:16.3/14

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

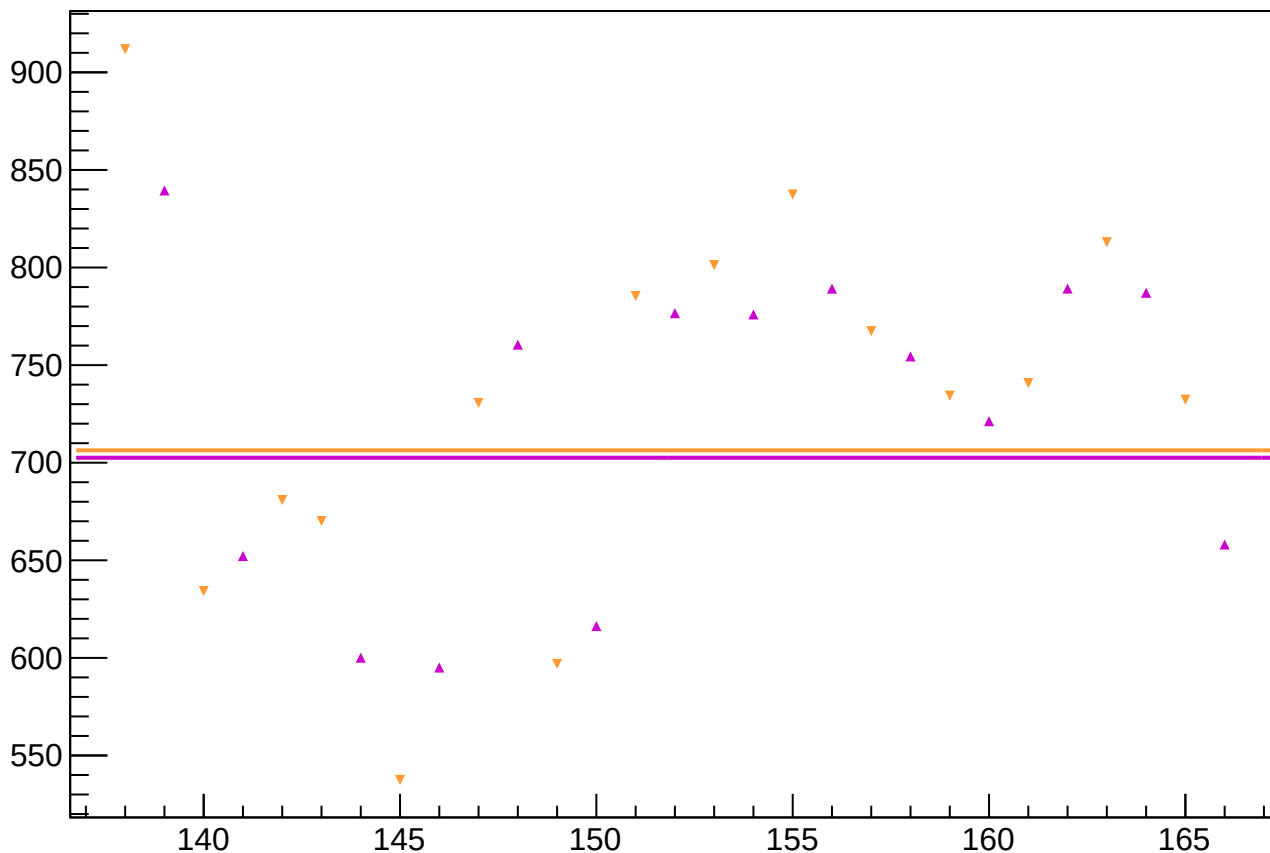
Left In: -329.623 $\pm$ 214.073 χ^2 /NDF:11.6/13

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

All: -749.381 $\pm$ 151.299 χ^2 /NDF: 35.5/28

- 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: 706.332+/-0.151 χ^2/NDF : 428490.9/14

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

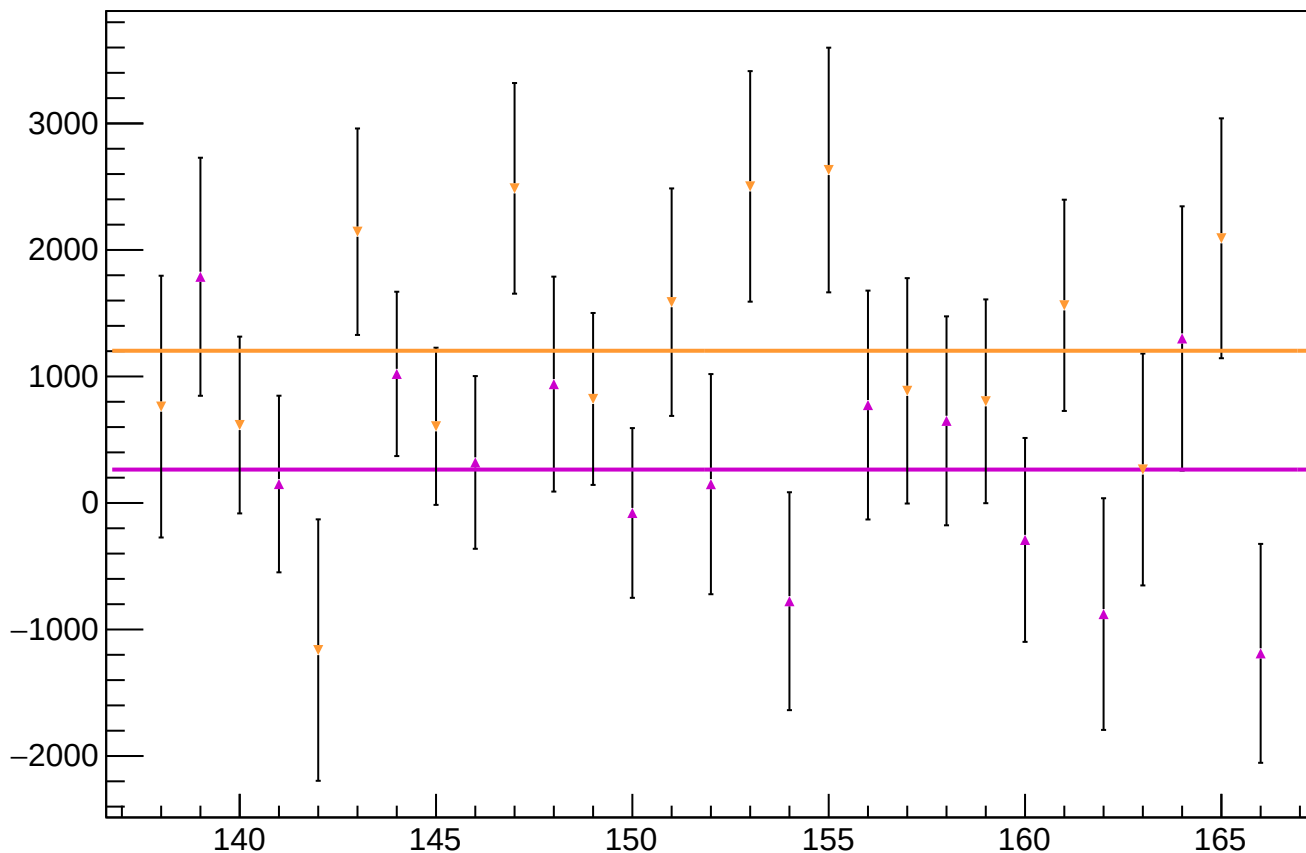
Left In: 702.539+/-0.151 χ^2/NDF : 291607.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.437+/-0.107 χ^2/NDF : 720412.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 1203.287+/-214.807 χ^2/NDF :18.0/14

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

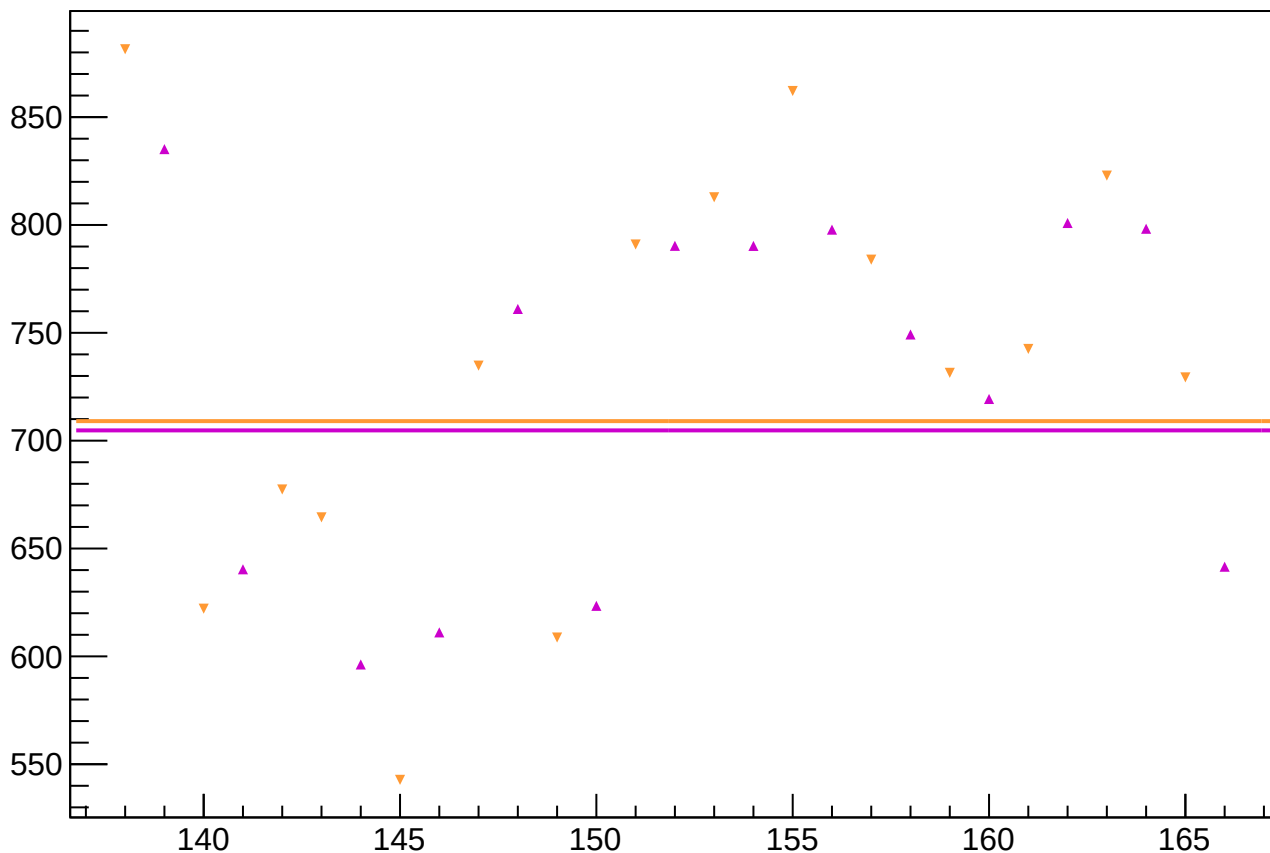
Left In: 264.090+/-214.916 χ^2/NDF :12.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.927+/-151.930 χ^2/NDF : 40.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



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

Left Out: 709.061+/-0.152 χ^2/NDF : 426552.9/14

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

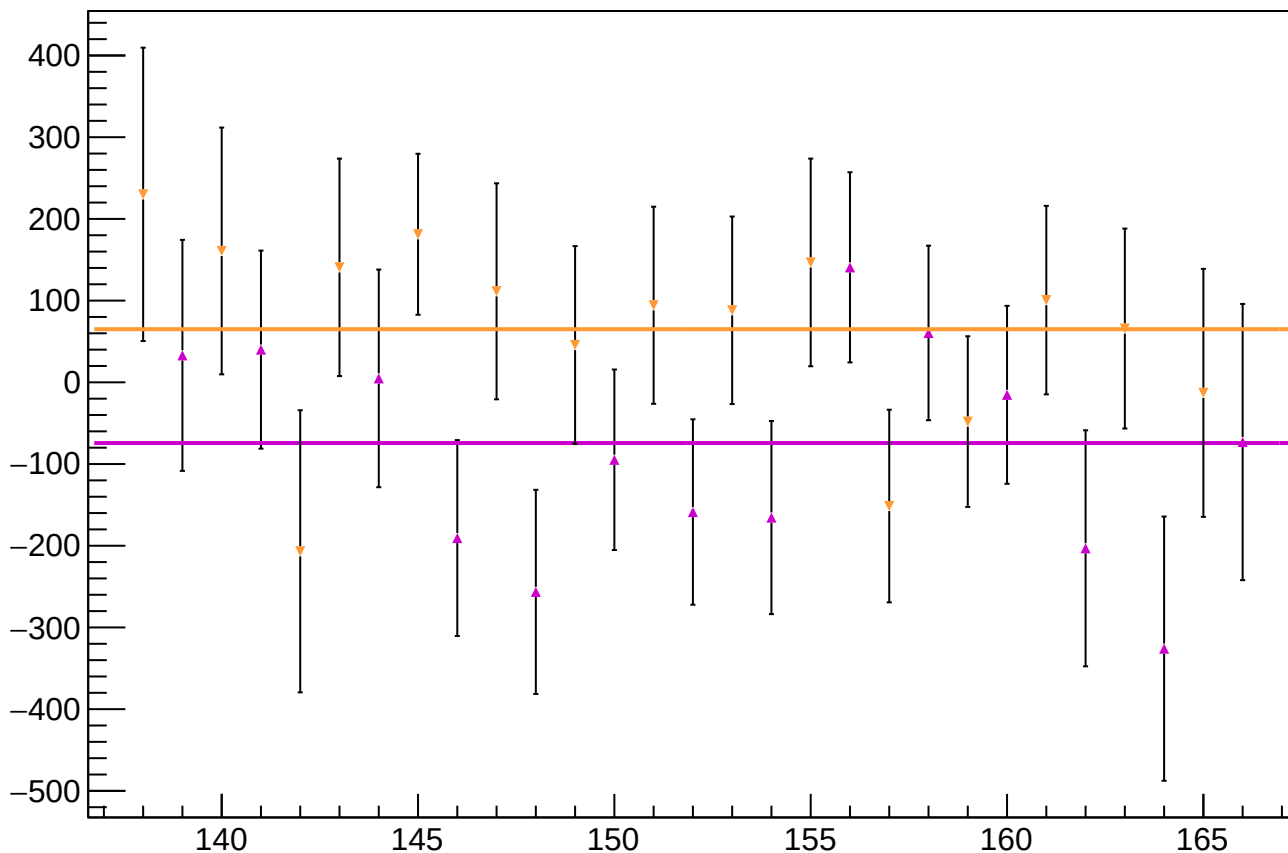
Left In: 704.765+/-0.152 χ^2/NDF : 302569.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 706.914+/-0.107 χ^2/NDF : 729522.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



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

Left Out: 65.027+/-32.460 χ^2/NDF :11.0/14

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

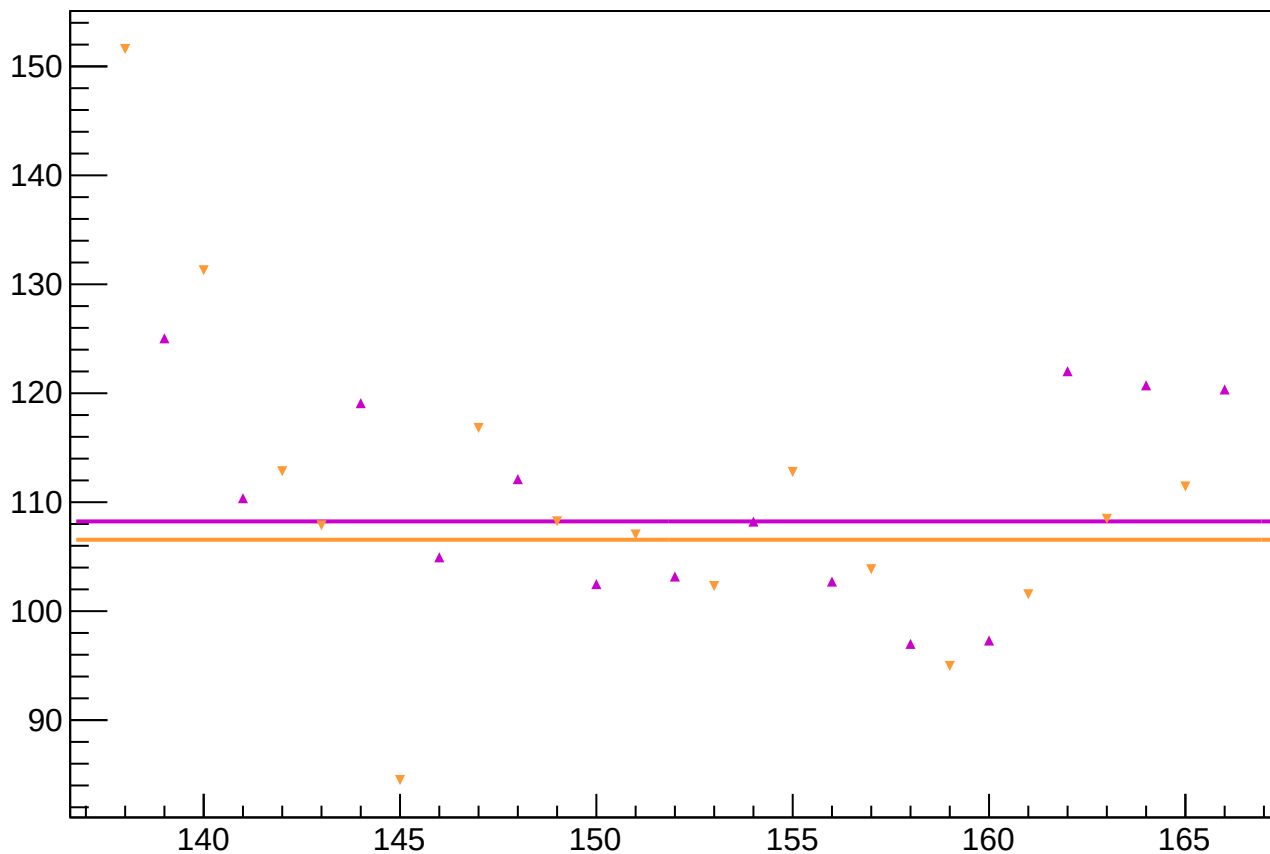
Left In: -74.308+/-33.215 χ^2/NDF :14.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.040+/-23.215 χ^2/NDF : 34.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 106.556+/-0.023 χ^2/NDF :334618.0/14

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

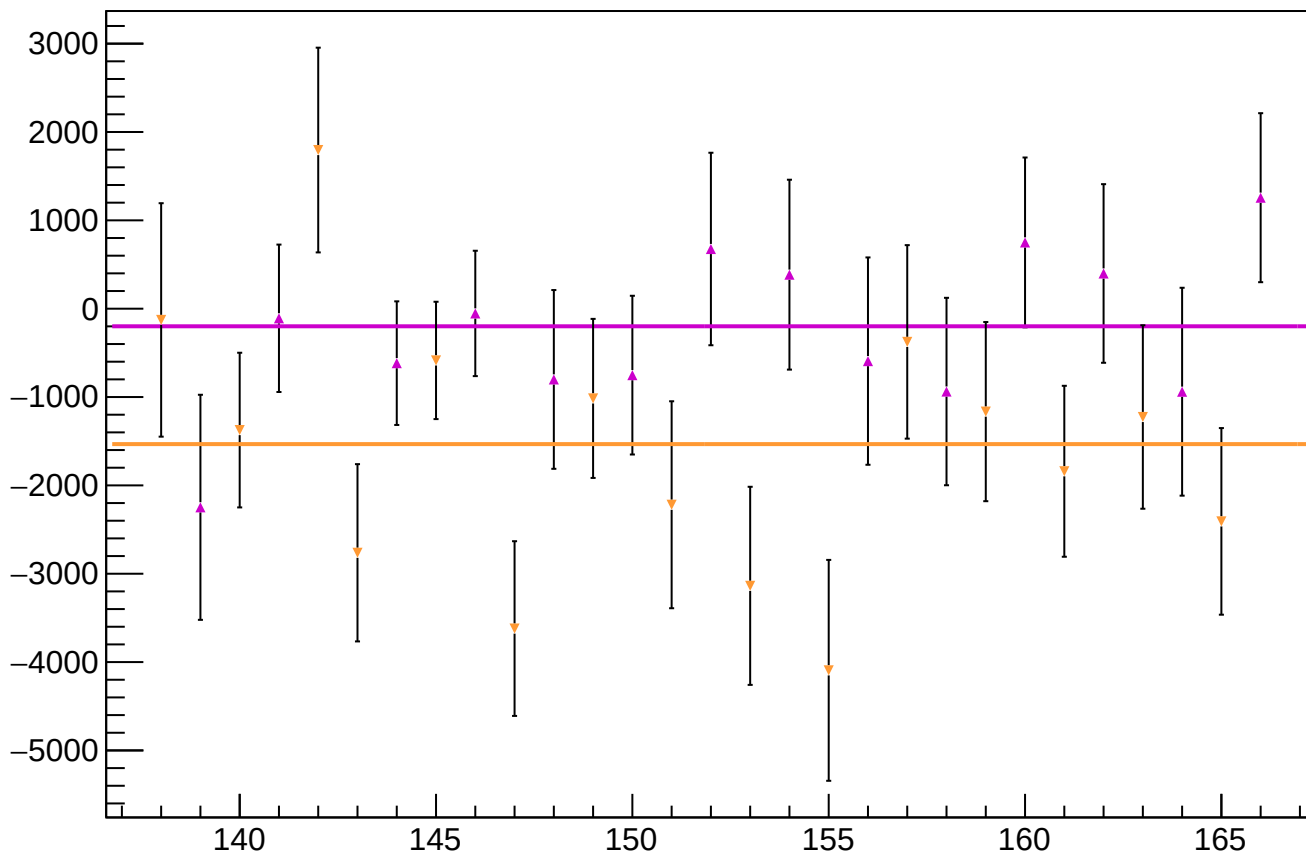
Left In: 108.237+/-0.023 χ^2/NDF :142223.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.377+/-0.016 χ^2/NDF : 479463.6/28

- 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: -1532.814+/-258.169 χ^2/NDF : 26.5/14

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

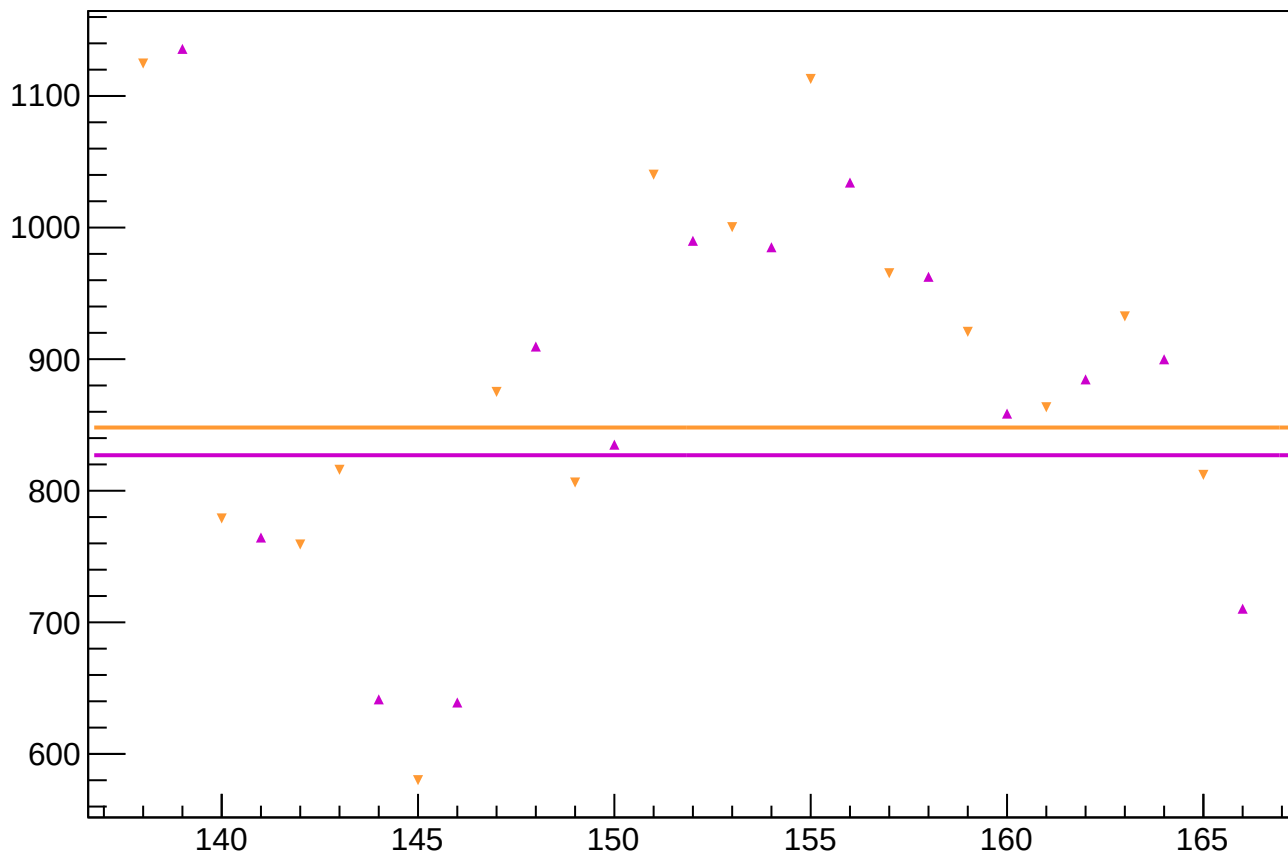
Left In: -199.191+/-254.011 χ^2/NDF : 9.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -855.176+/-181.065 χ^2/NDF : 49.3/28

- 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: 848.051+/-0.183 χ^2/NDF : 675249.5/14

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

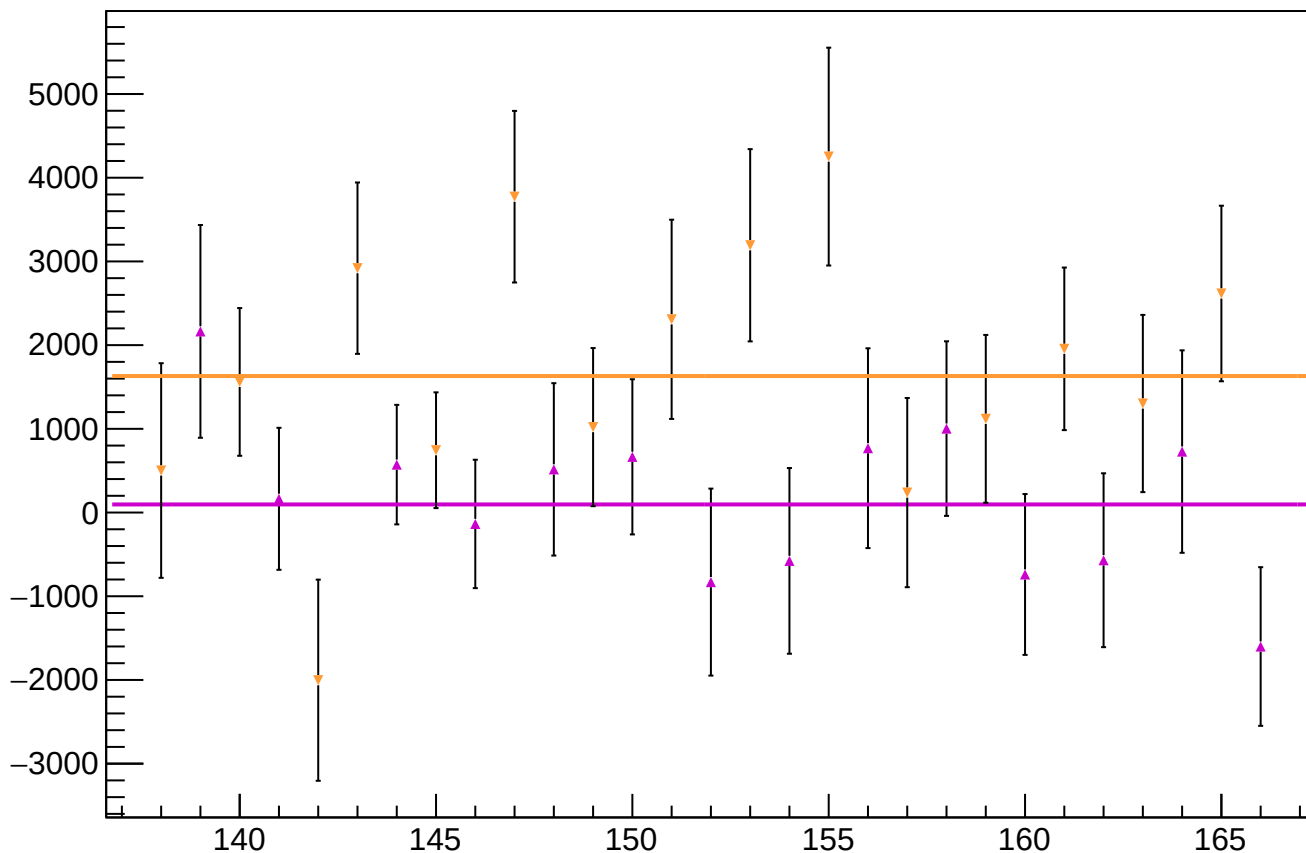
Left In: 826.992+/-0.180 χ^2/NDF : 652347.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.350+/-0.128 χ^2/NDF : 1334359.7/28

- 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: 1630.666+/-263.542 χ^2/NDF : 27.0/14

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

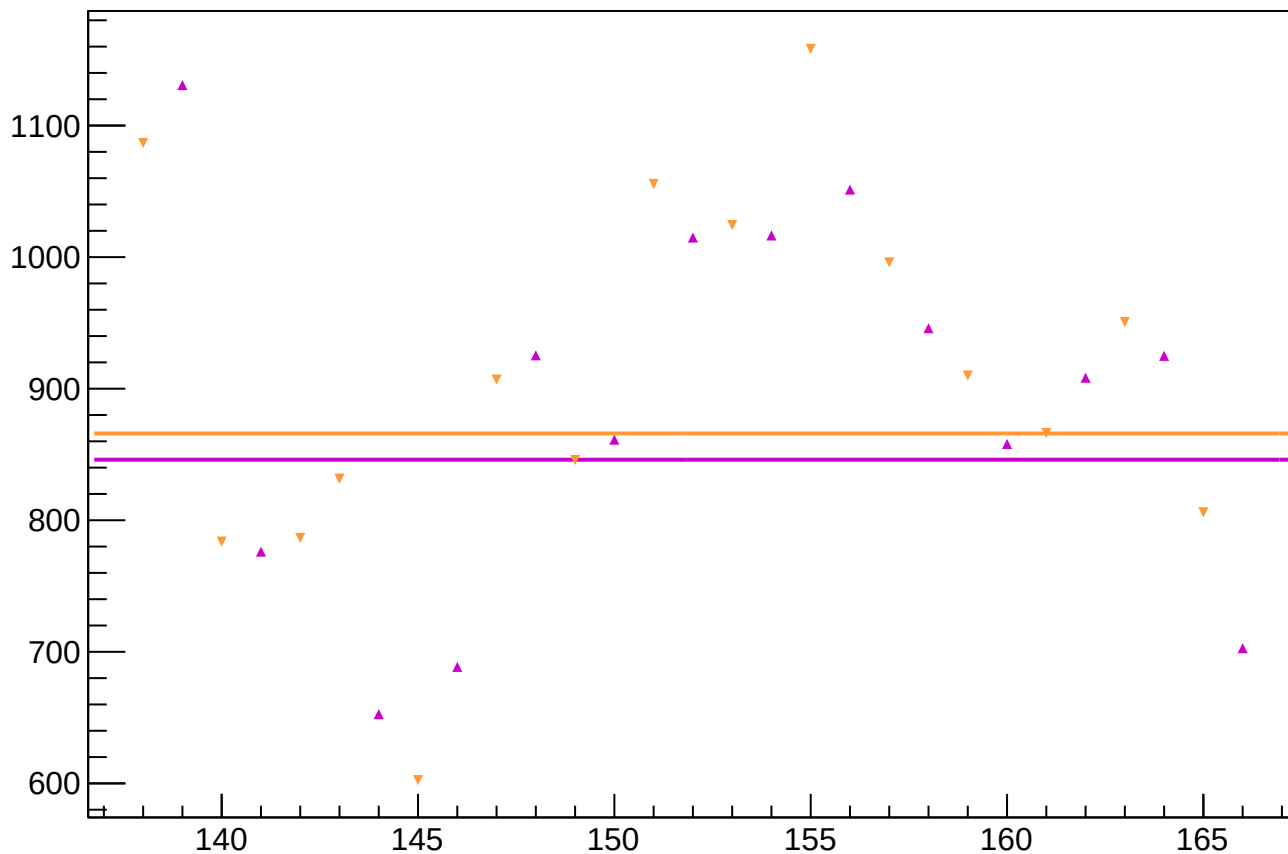
Left In: 96.653+/-259.754 χ^2/NDF : 10.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 852.556+/-184.999 χ^2/NDF : 54.7/28

- 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: 865.951+/-0.186 χ^2/NDF : 621555.2/14

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

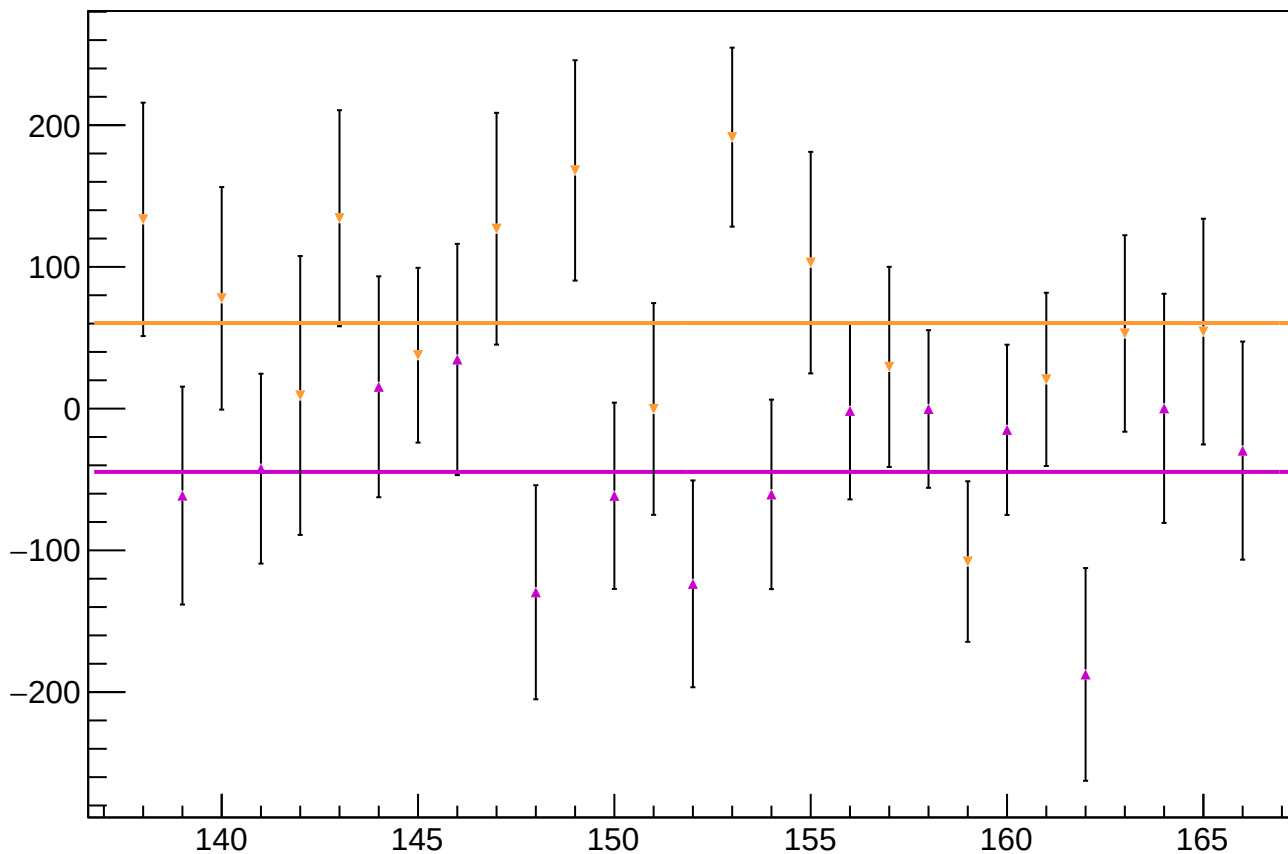
Left In: 846.025+/-0.184 χ^2/NDF : 589607.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.844+/-0.131 χ^2/NDF : 1216961.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 60.420 $\pm$ 18.561 χ^2 /NDF:19.5/14

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

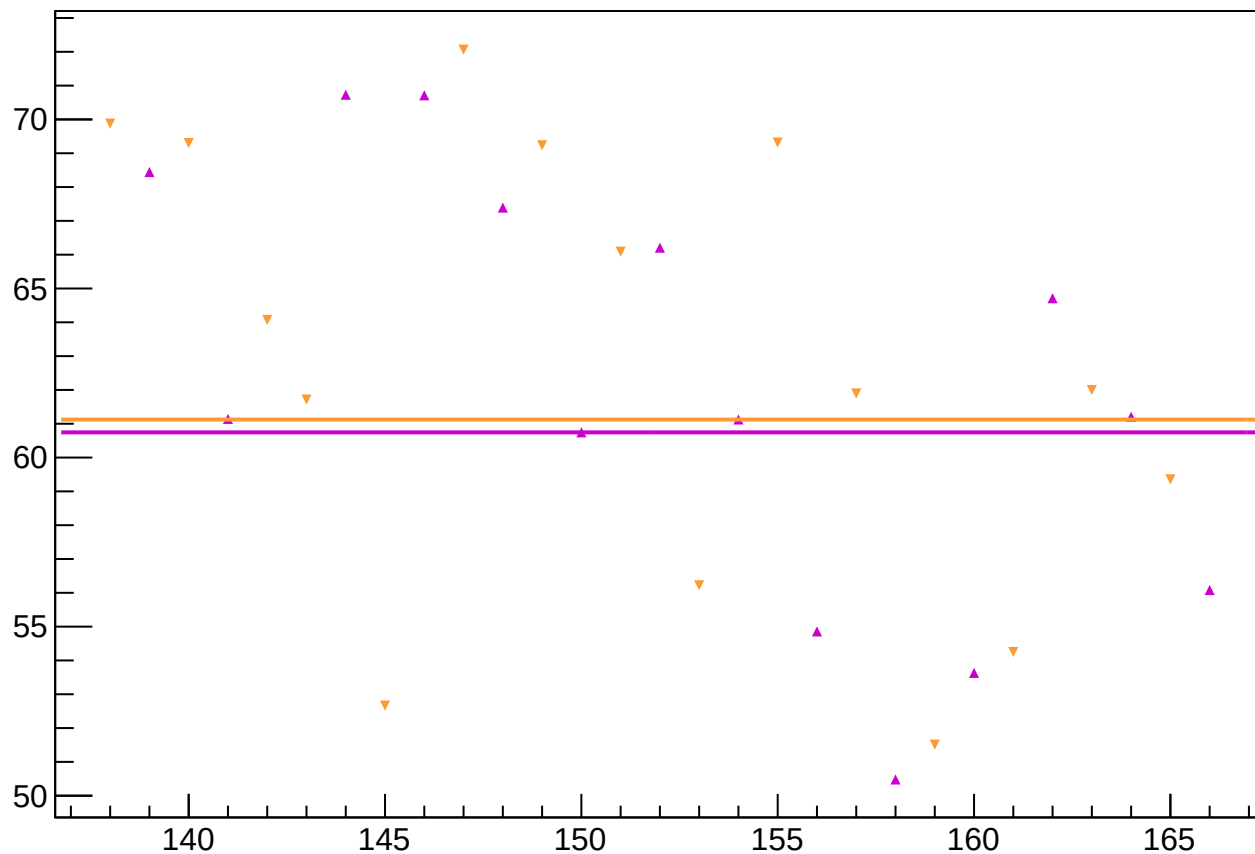
Left In: -44.651 $\pm$ 18.628 χ^2 /NDF:9.5/13

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

All: 8.072 $\pm$ 13.148 χ^2 /NDF: 44.9/28

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

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 61.124+/-0.013 χ^2/NDF : 268757.9/14

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

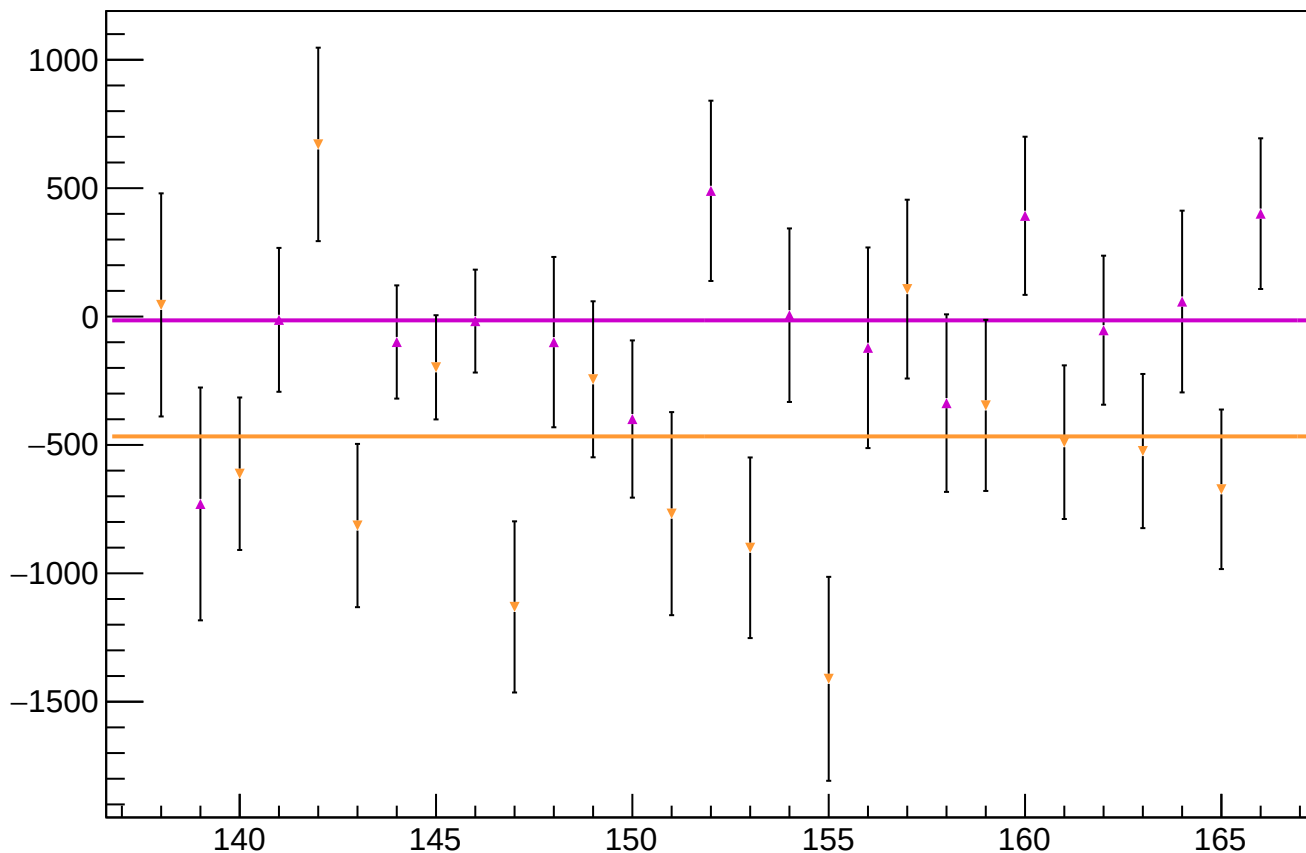
Left In: 60.745+/-0.013 χ^2/NDF : 236568.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.935+/-0.009 χ^2/NDF : 505740.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -466.778 $\pm$ 82.089 χ^2 /NDF:29.3/14

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

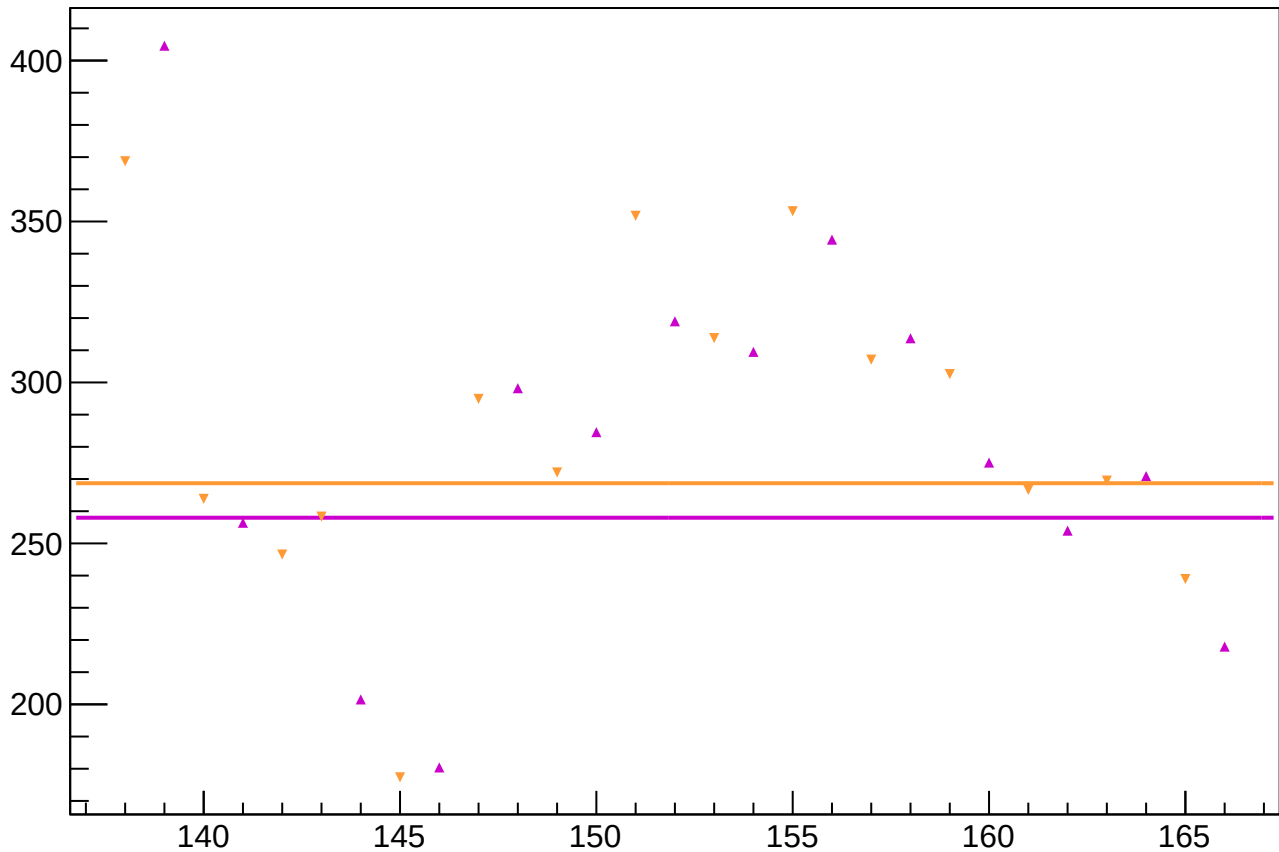
Left In: -14.822 $\pm$ 79.903 χ^2 /NDF:11.1/13

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

All: -234.702 $\pm$ 57.257 χ^2 /NDF: 55.9/28

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

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 268.695+/-0.058 χ^2/NDF : 808800.2/14

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

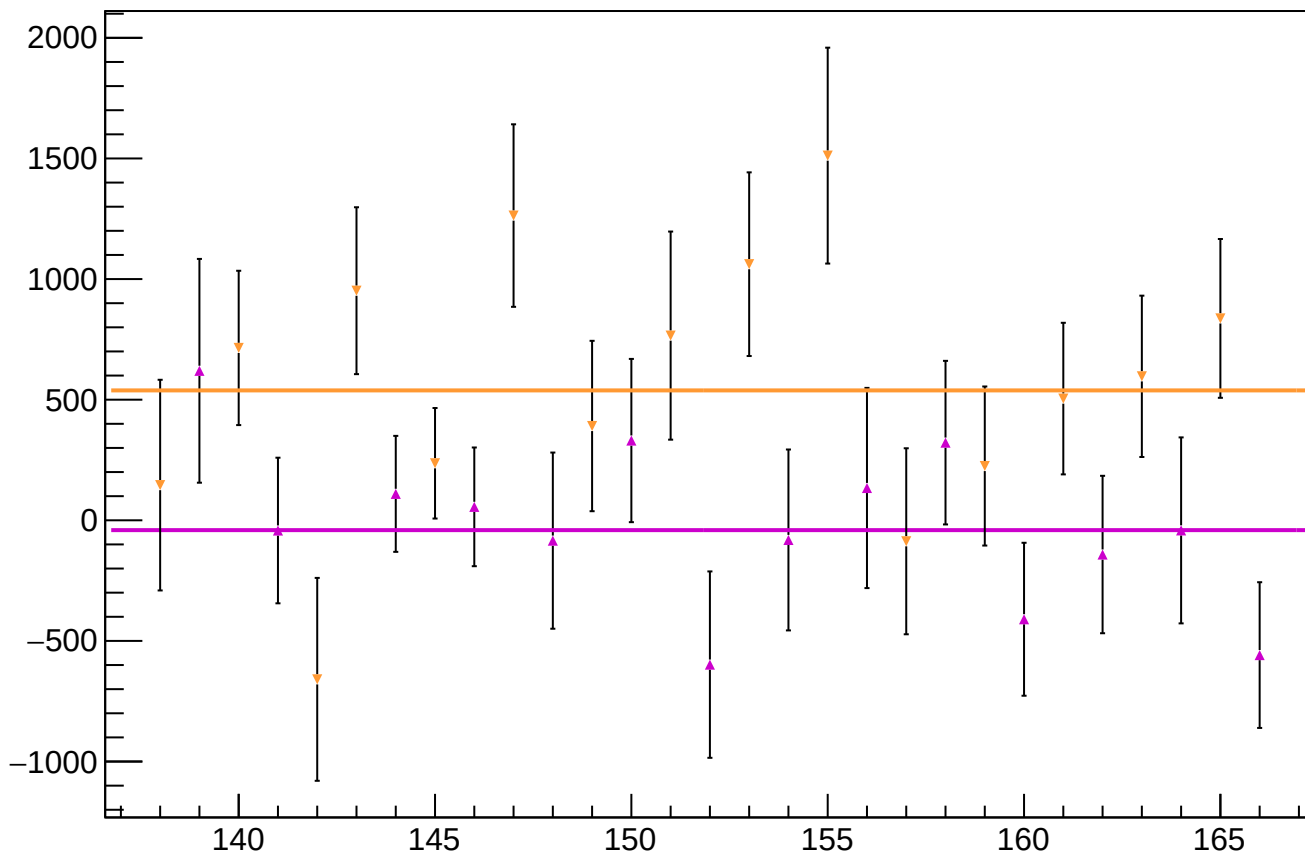
Left In: 257.978+/-0.056 χ^2/NDF : 987690.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.192+/-0.040 χ^2/NDF : 1813994.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 538.473+/-89.593 χ^2/NDF : 27.5/14

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

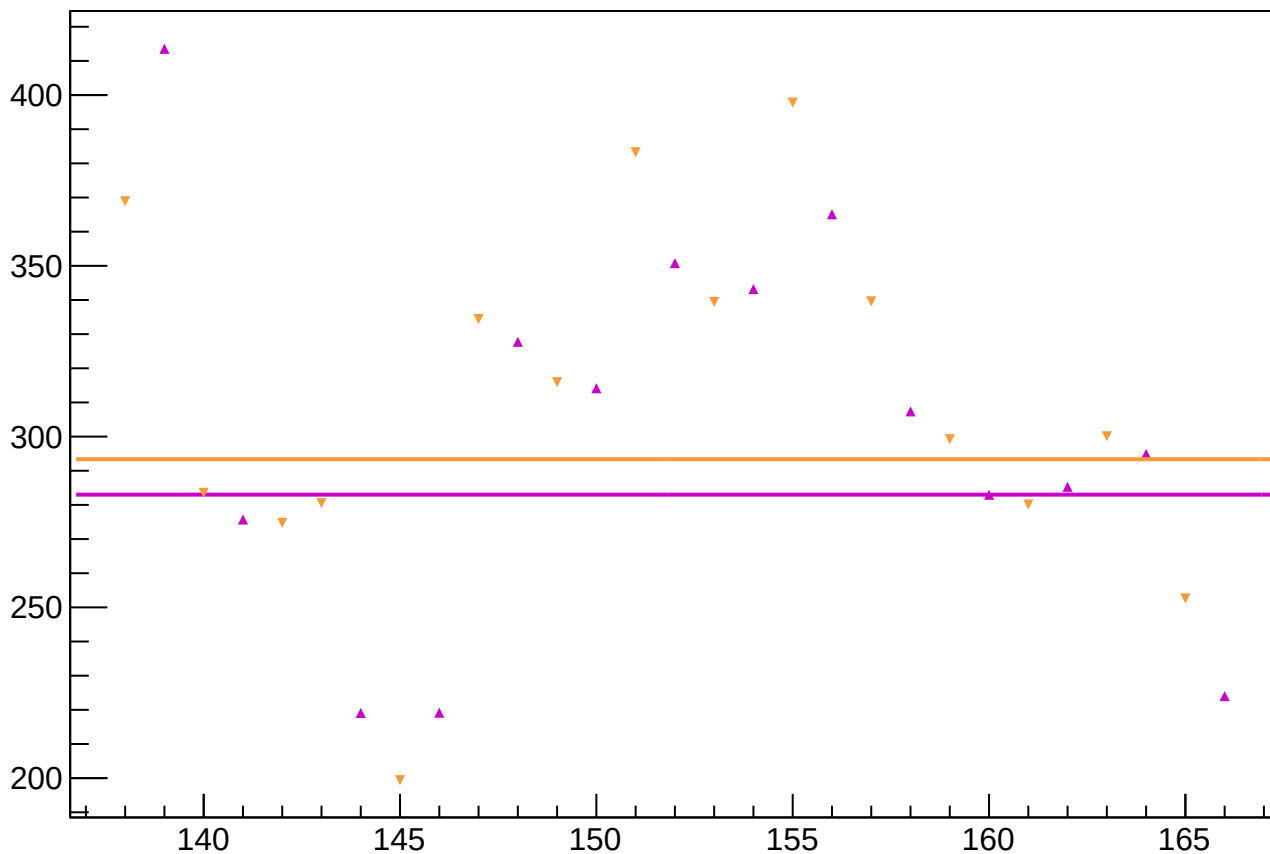
Left In: -40.770+/-87.362 χ^2/NDF : 11.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.552+/-62.548 χ^2/NDF : 60.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug



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

Left Out: 293.376+/-0.063 χ^2/NDF : 726184.9/14

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

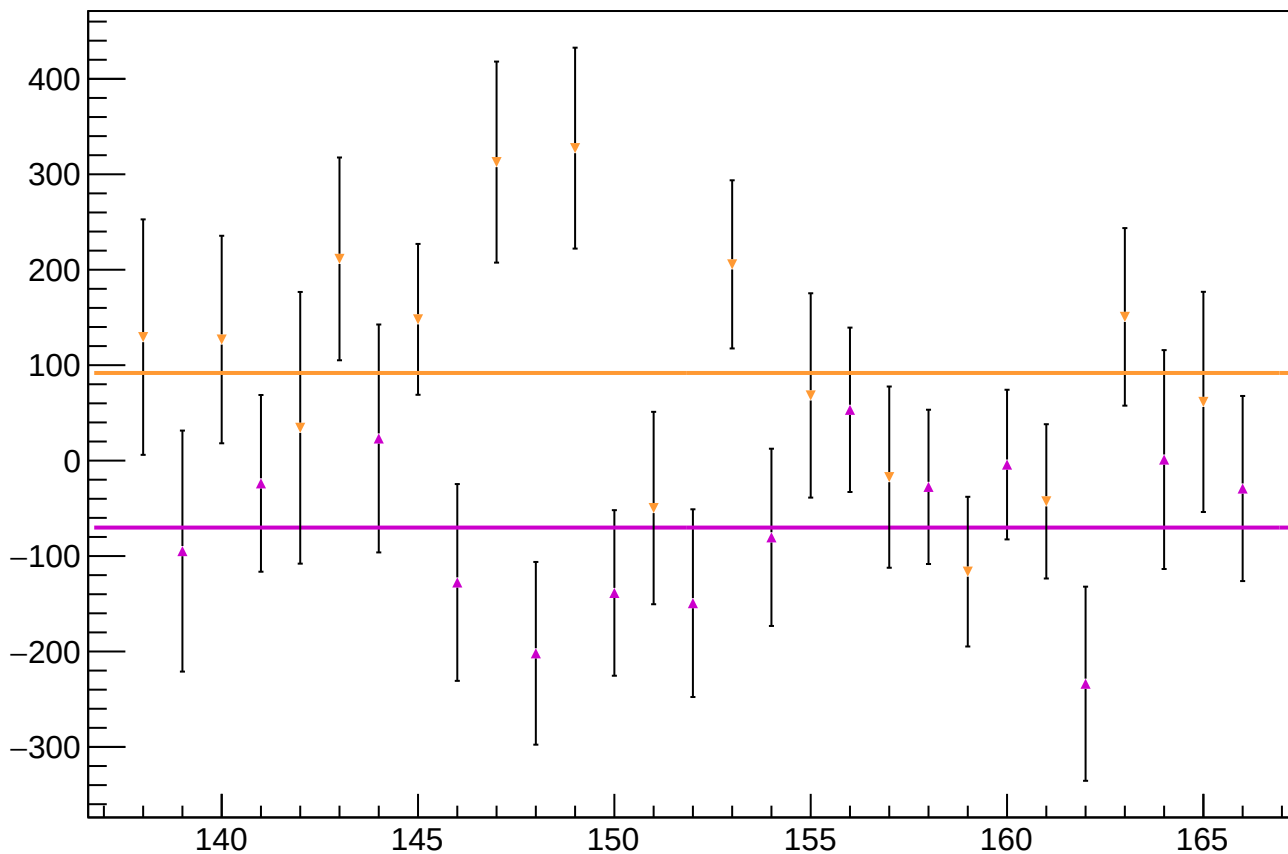
Left In: 283.011+/-0.062 χ^2/NDF : 762535.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 288.063+/-0.044 χ^2/NDF : 1502440.5/28

- 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: 91.836 $\pm$ 25.314 χ^2 /NDF:26.8/14

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

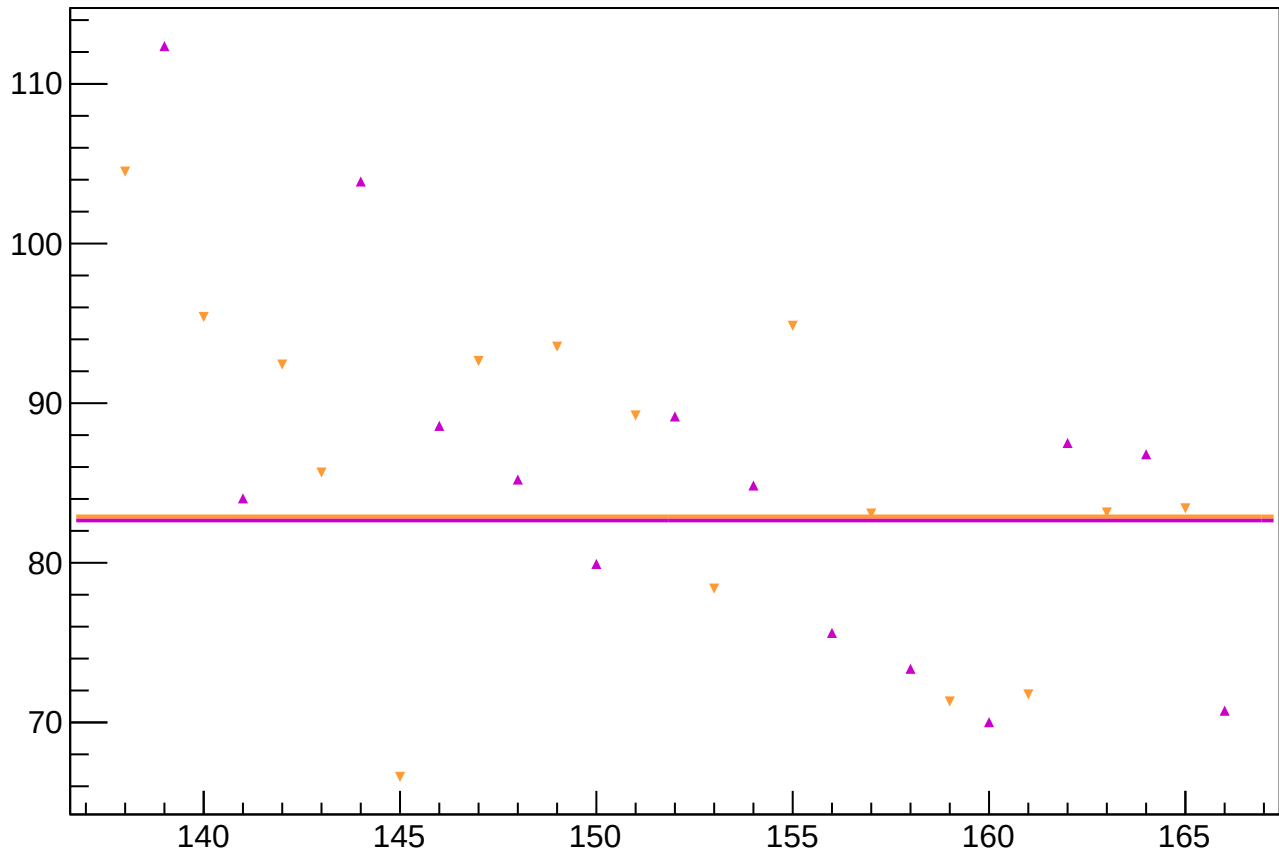
Left In: -70.162 $\pm$ 25.527 χ^2 /NDF:10.6/13

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

All: 11.516 $\pm$ 17.975 χ^2 /NDF: 57.7/28

- 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: 82.900+/-0.018 χ^2/NDF : 340603.6/14

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

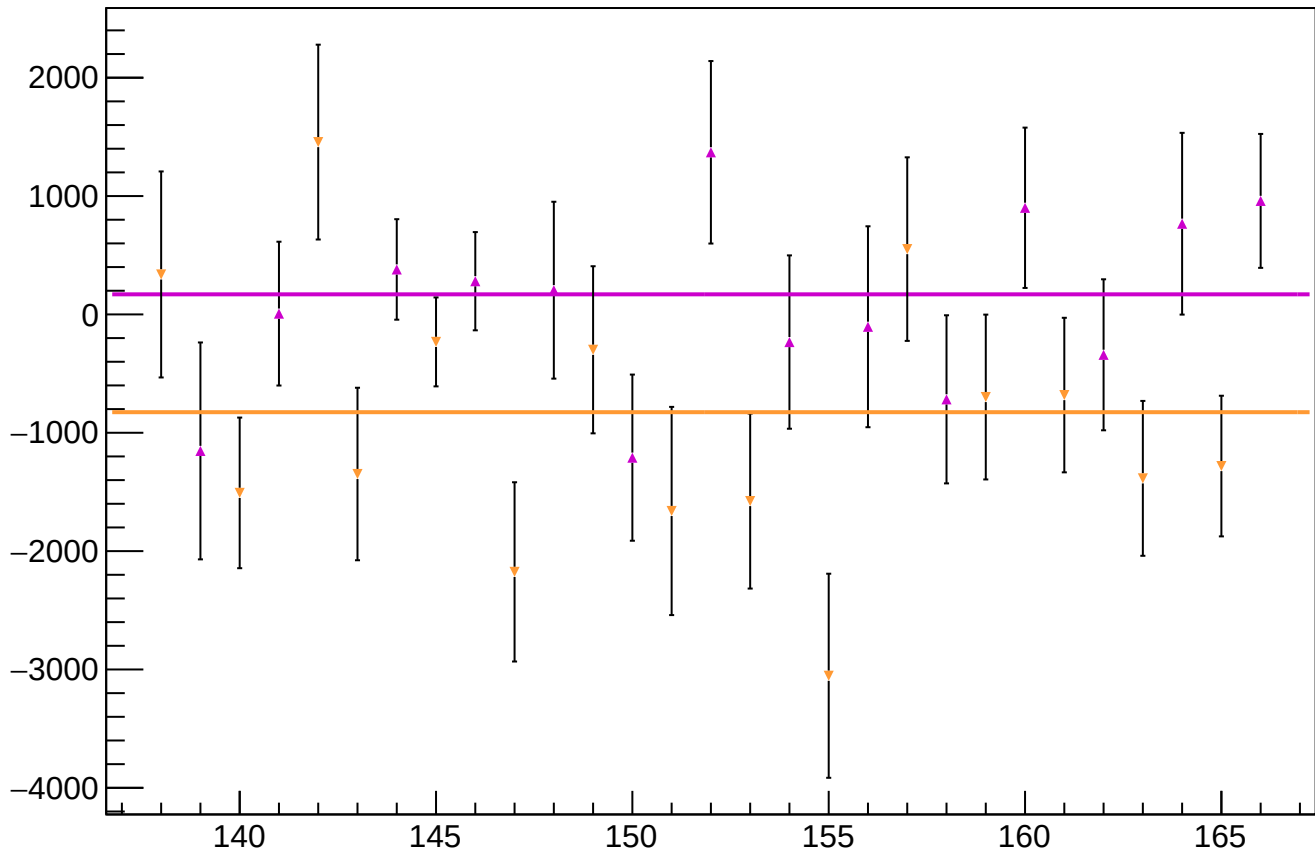
Left In: 82.658+/-0.018 χ^2/NDF : 323536.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.780+/-0.013 χ^2/NDF : 664230.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -826.085+/-172.284 χ^2/NDF :30.5/14

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

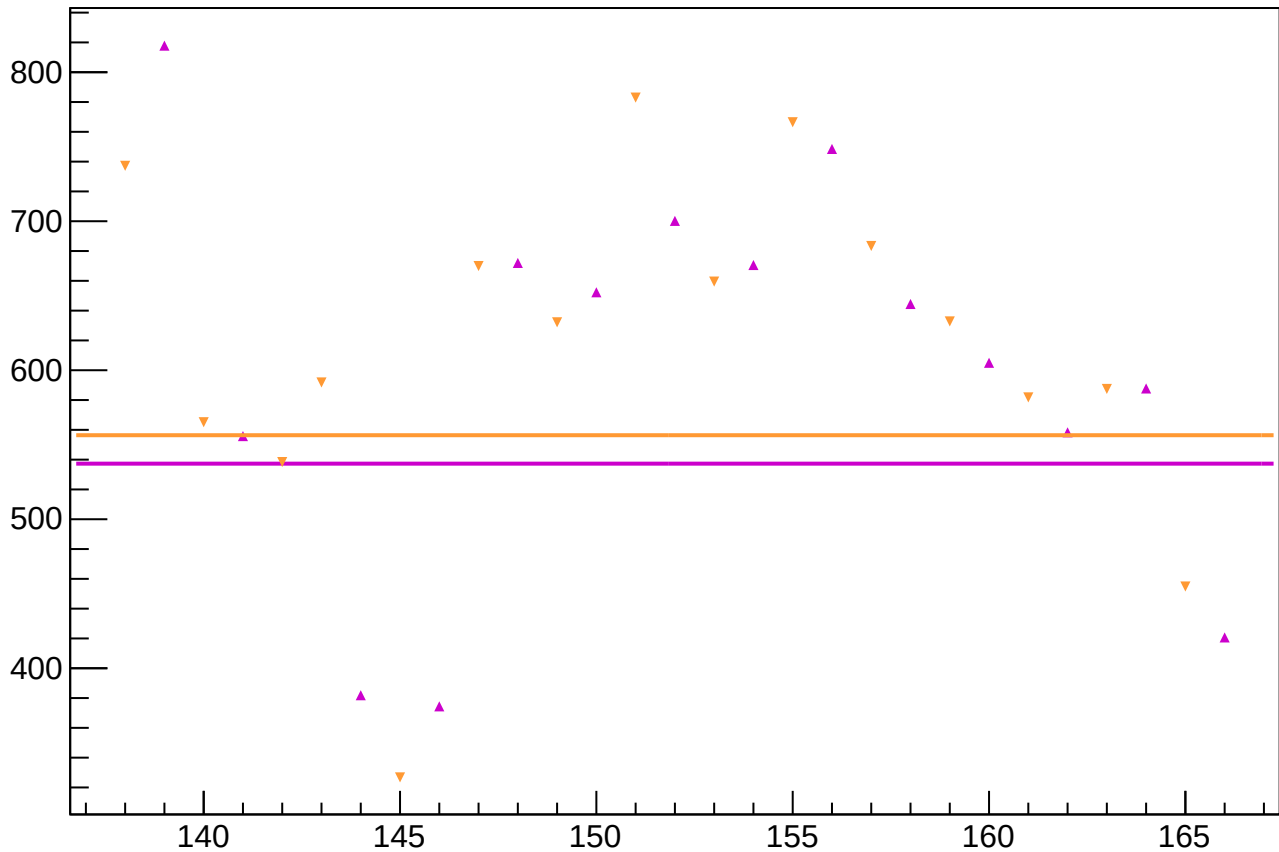
Left In: 169.693+/-167.963 χ^2/NDF :15.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -315.554+/-120.266 χ^2/NDF : 62.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 556.391+/-0.122 χ^2/NDF :1341721.6/14

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

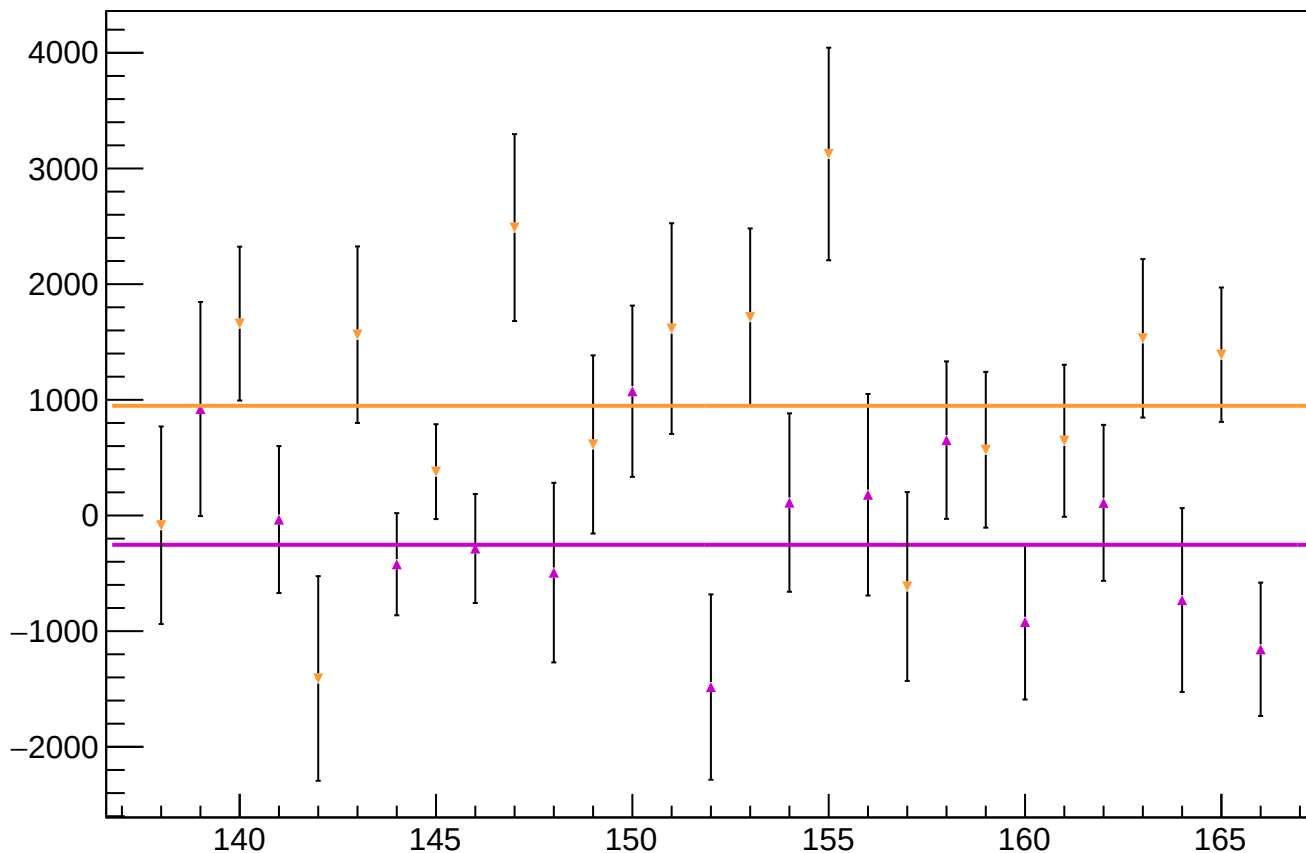
Left In: 537.307+/-0.119 χ^2/NDF :1324677.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.607+/-0.085 χ^2/NDF : 2678981.5/28

- 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: 948.276+/-179.611 χ^2/NDF :28.7/14

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

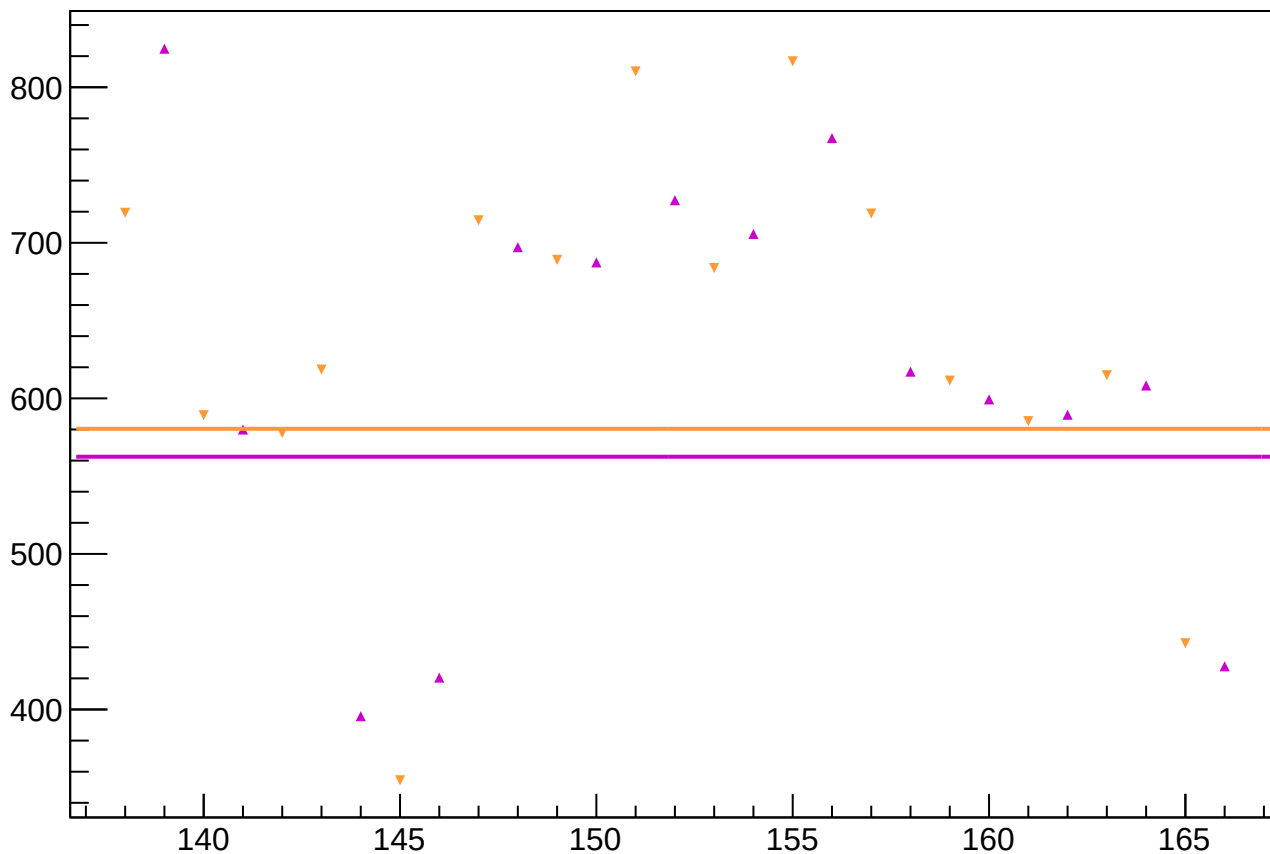
Left In: -253.435+/-175.455 χ^2/NDF :13.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.355+/-125.509 χ^2/NDF : 65.5/28

- 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: 580.459+/-0.127 χ^2/NDF :1235787.2/14

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

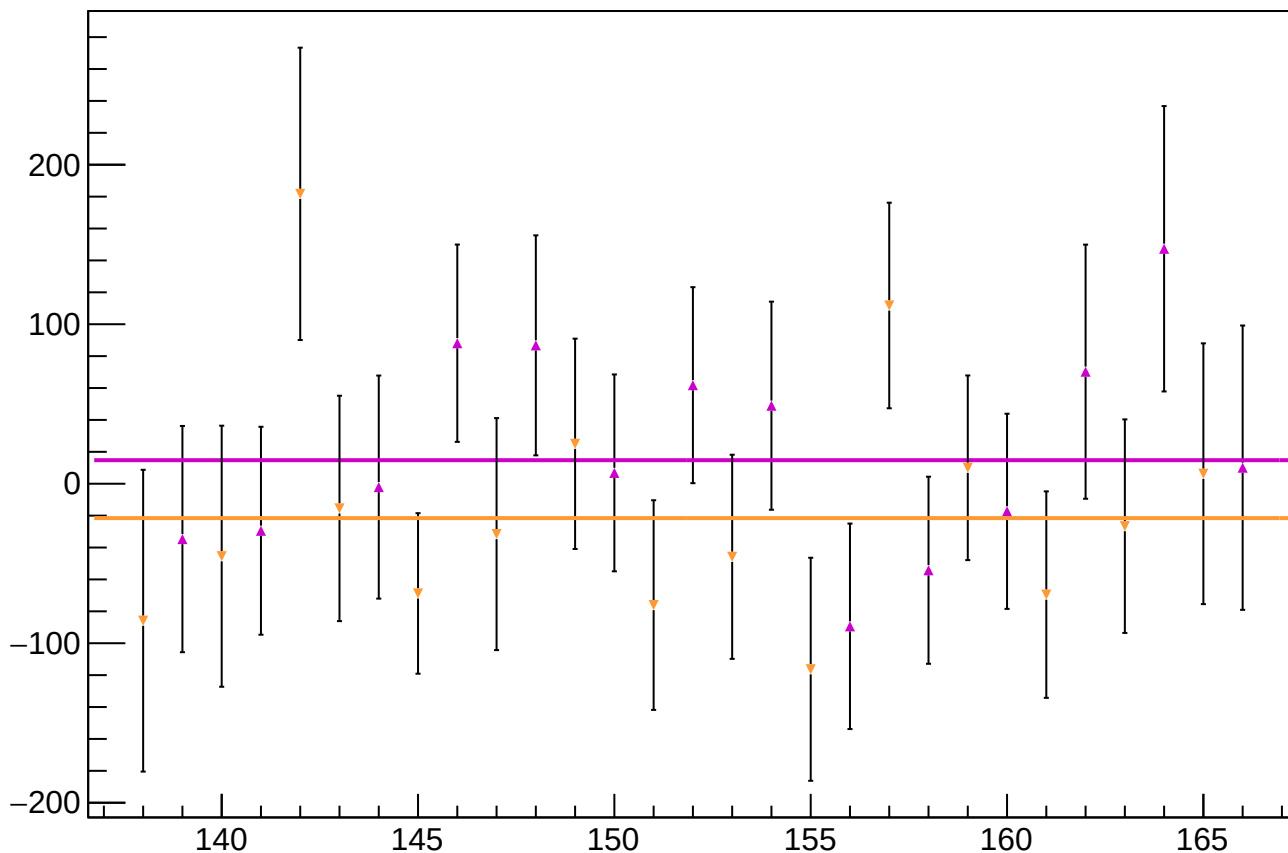
Left In: 562.486+/-0.124 χ^2/NDF :1148583.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.262+/-0.089 χ^2/NDF : 2394618.8/28

- 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: -21.552 $\pm$ 17.607 χ^2 /NDF:14.8/14

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

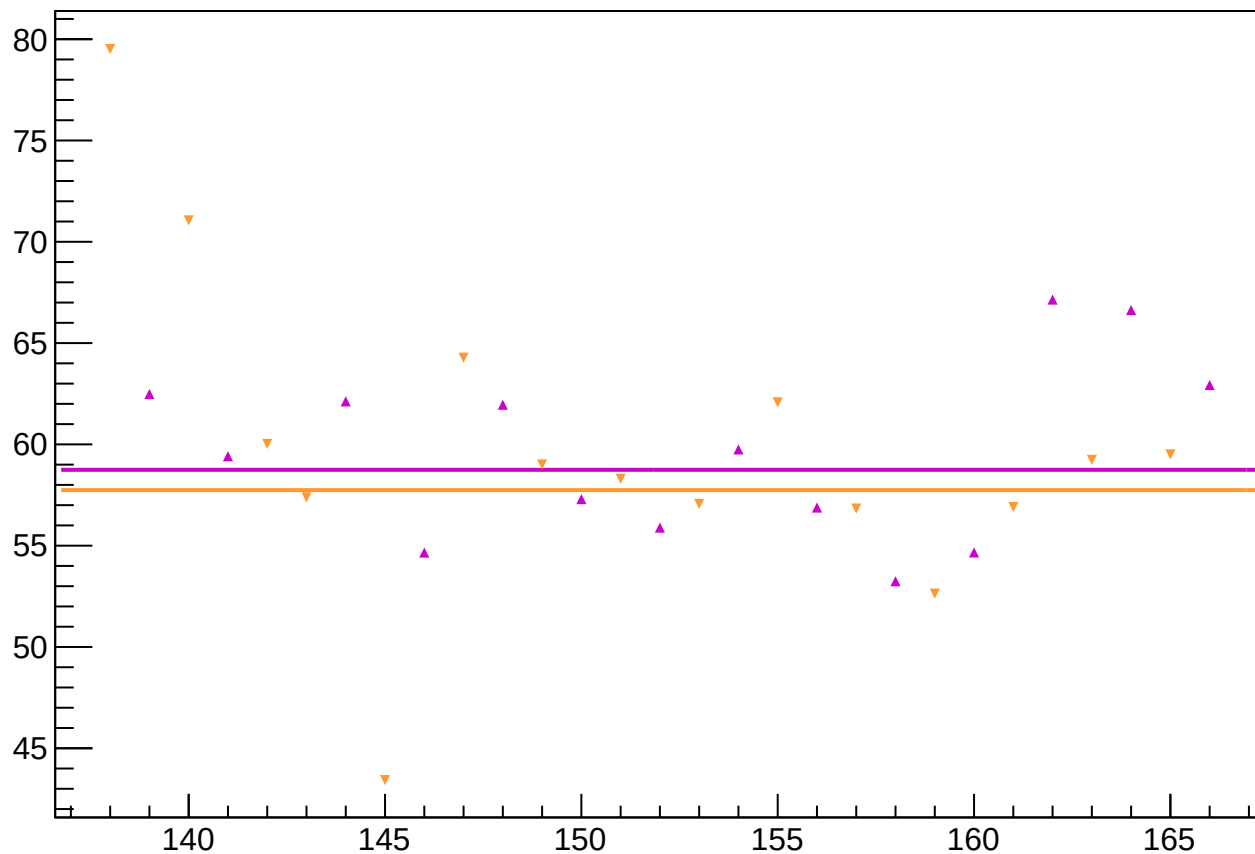
Left In: 14.752 $\pm$ 18.018 χ^2 /NDF:11.3/13

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

All: -3.819 $\pm$ 12.593 χ^2 /NDF: 28.2/28

- 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: 57.742+/-0.012 χ^2/NDF : 365120.1/14

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

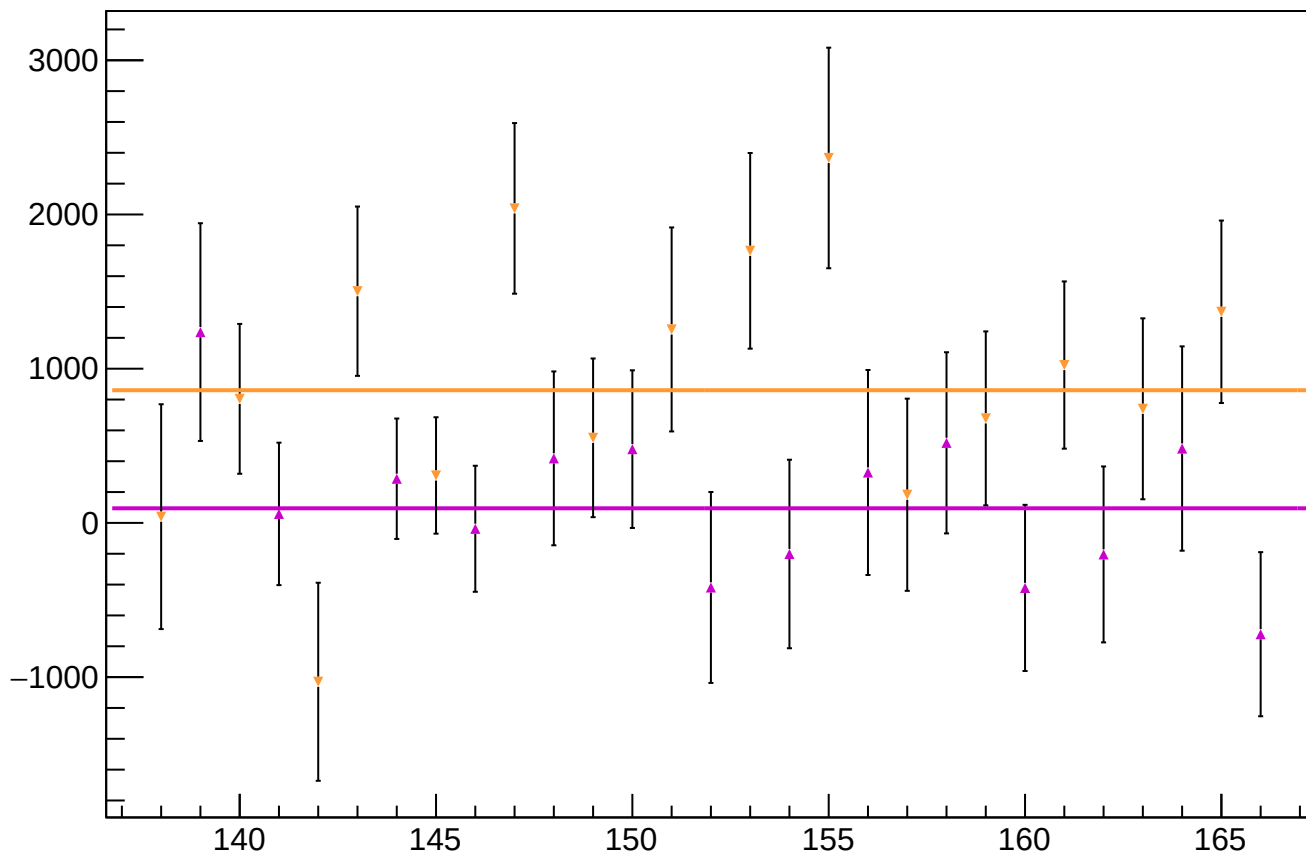
Left In: 58.745+/-0.013 χ^2/NDF : 99751.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.232+/-0.009 χ^2/NDF : 468042.1/28

- 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: 860.436+/-145.044 χ^2/NDF : 27.3/14

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

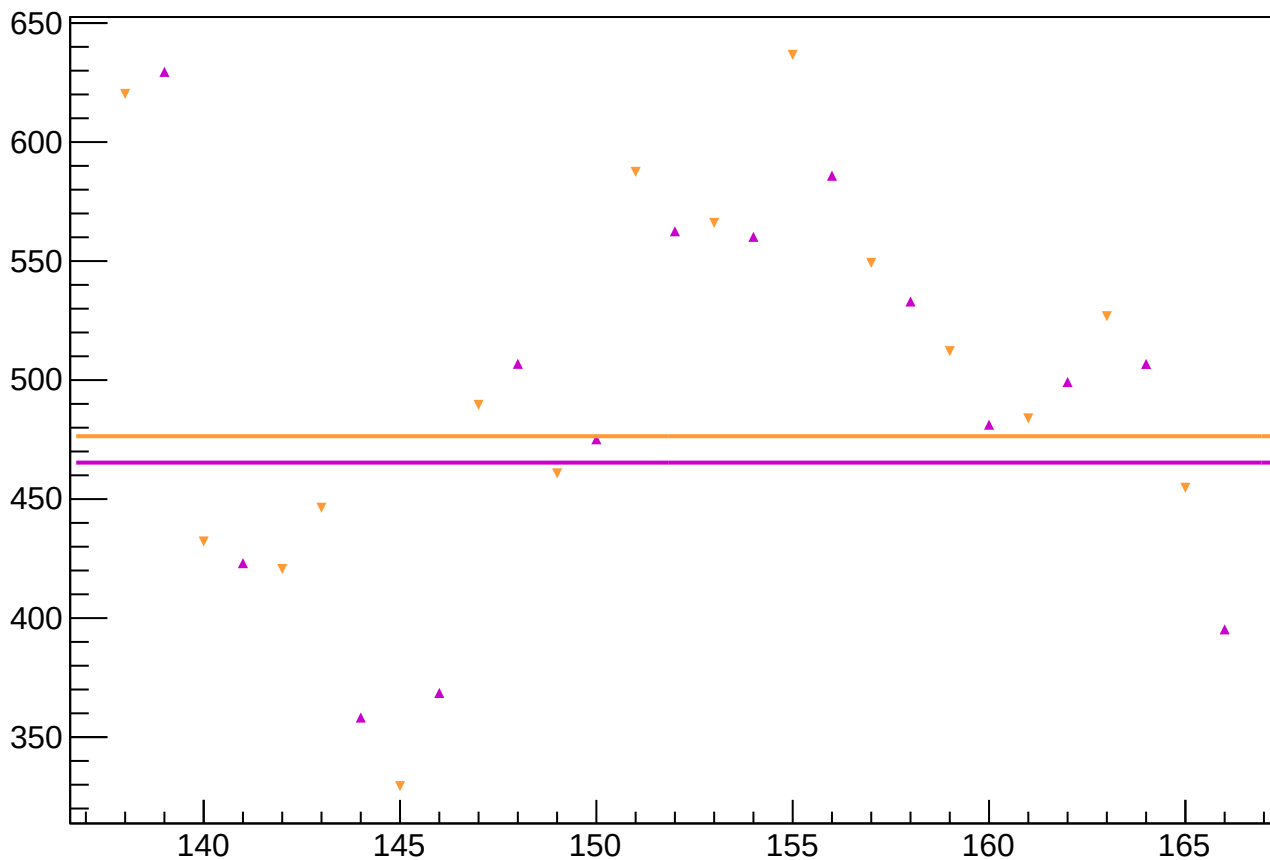
Left In: 94.657+/-142.868 χ^2/NDF : 9.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.759+/-101.783 χ^2/NDF : 50.8/28

- 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: 476.415+/-0.103 χ^2/NDF : 671755.2/14

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

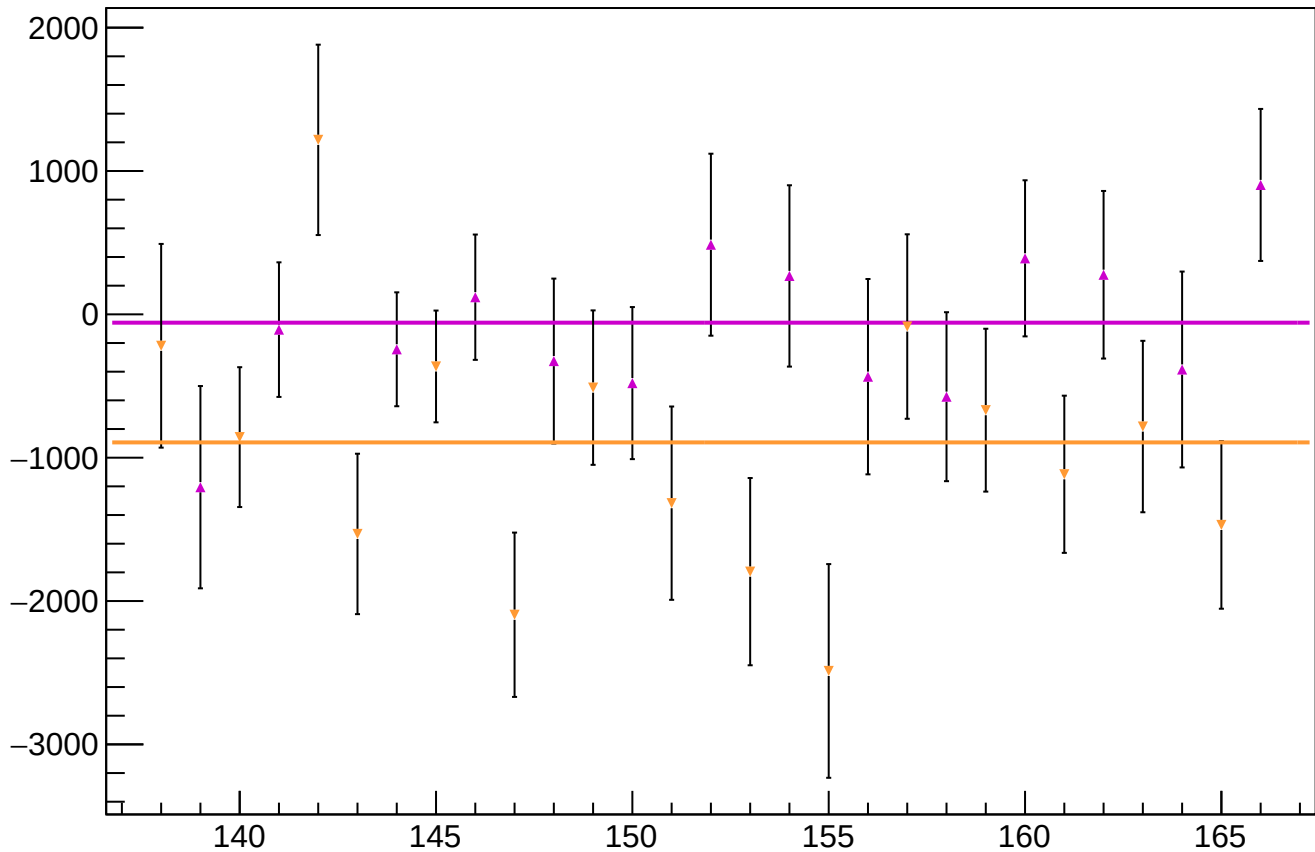
Left In: 465.331+/-0.101 χ^2/NDF : 640210.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.789+/-0.072 χ^2/NDF : 1317893.7/28

- 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: -893.396+/-148.059 χ^2/NDF : 28.8/14

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

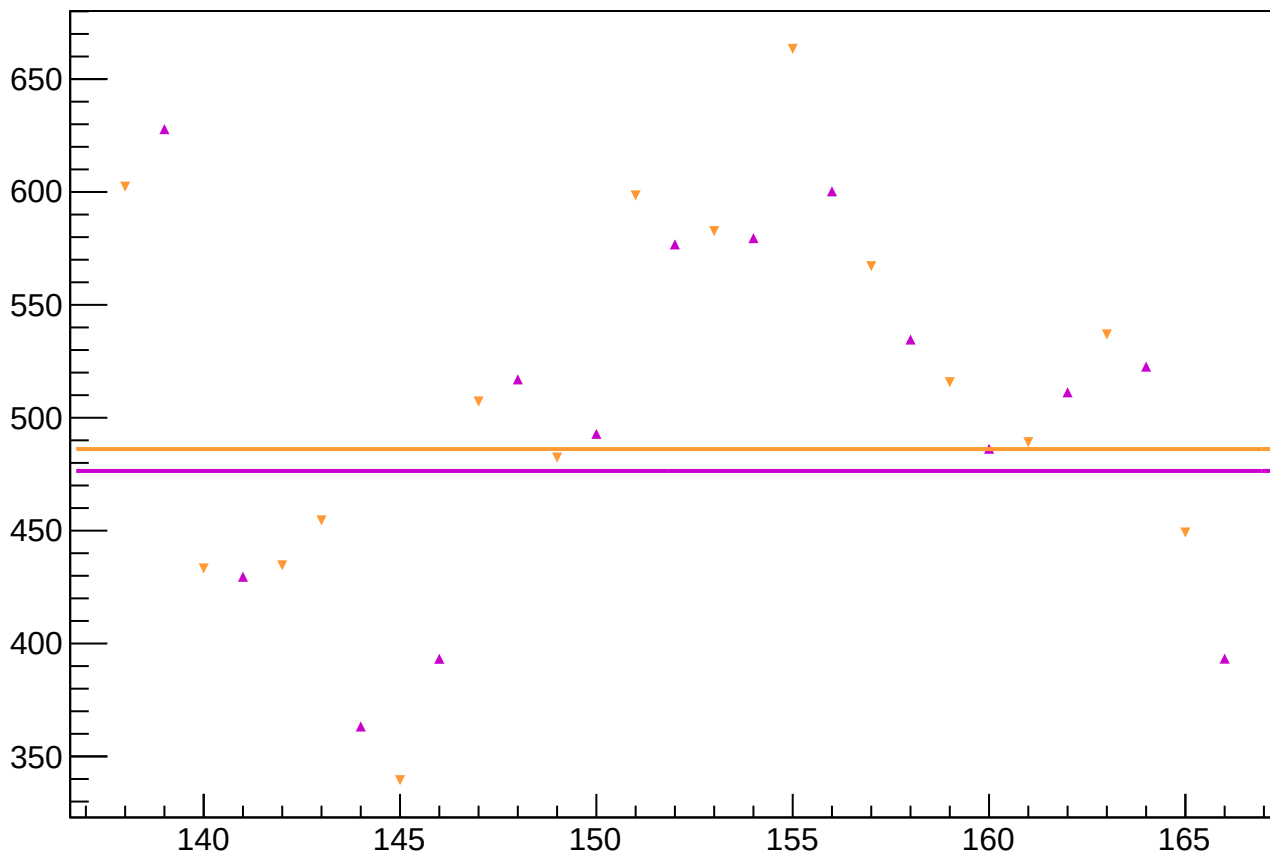
Left In: -58.145+/-146.329 χ^2/NDF : 10.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -470.863+/-104.076 χ^2/NDF : 55.4/28

- 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: 486.137+/-0.105 χ^2/NDF : 653057.8/14

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

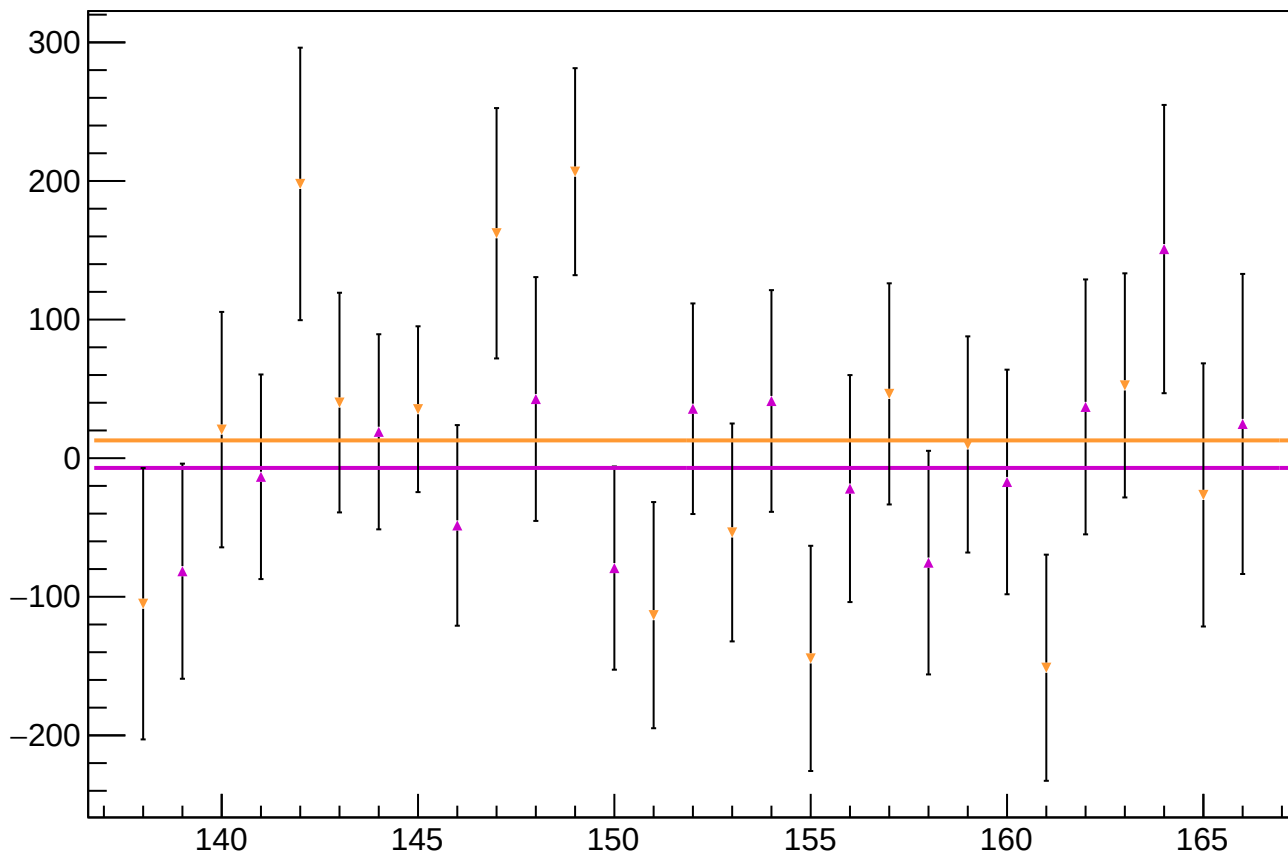
Left In: 476.438+/-0.103 χ^2/NDF : 613390.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.230+/-0.074 χ^2/NDF : 1270789.6/28

- 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: 12.824 $\pm$ 20.914 χ^2 /NDF:26.2/14

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

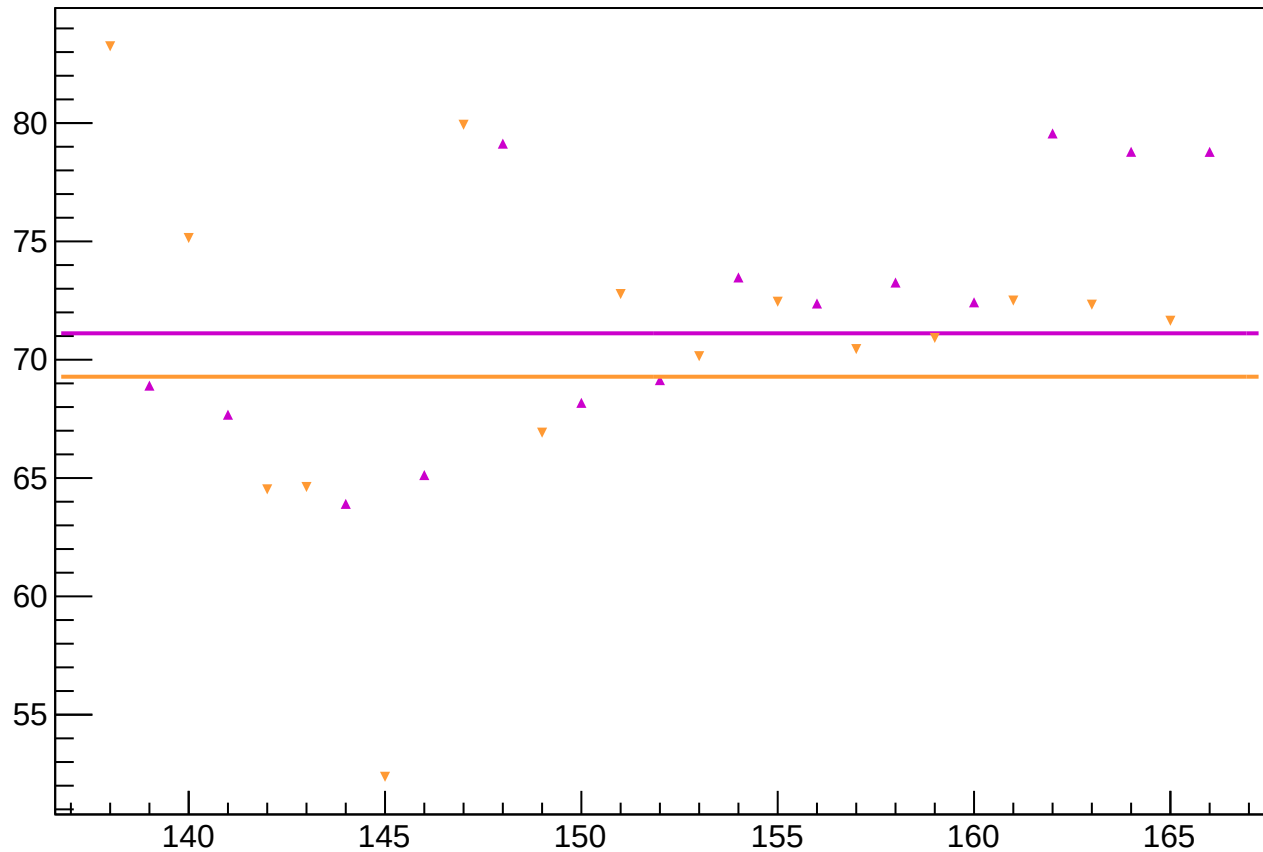
Left In: -7.040 $\pm$ 21.626 χ^2 /NDF:6.8/13

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

All: 3.224 $\pm$ 15.034 χ^2 /NDF: 33.4/28

- 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: 69.282+/-0.015 χ^2/NDF :266778.2/14

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

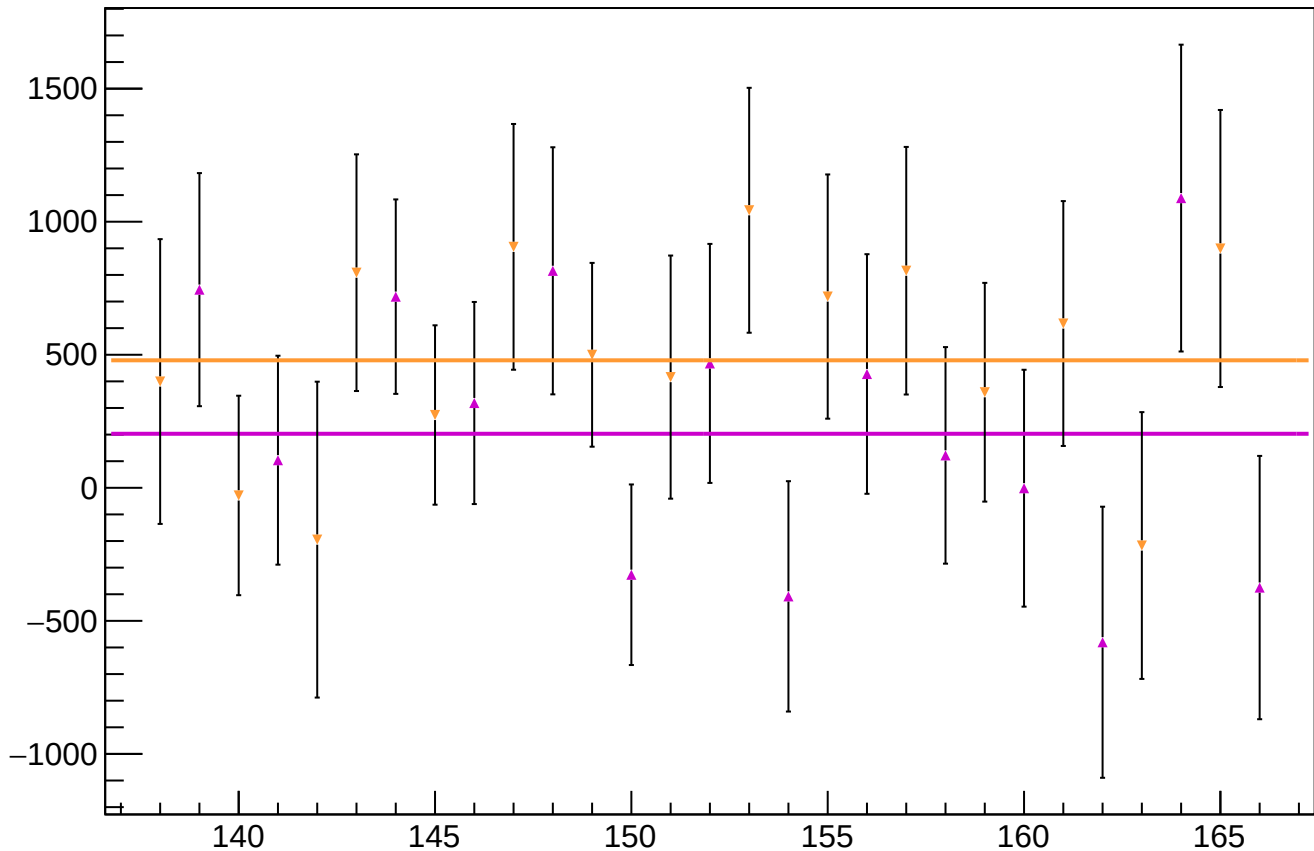
Left In: 71.116+/-0.015 χ^2/NDF :103729.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.168+/-0.011 χ^2/NDF : 377938.8/28

- 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: 479.128+/-113.539 χ^2/NDF : 10.0/14

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

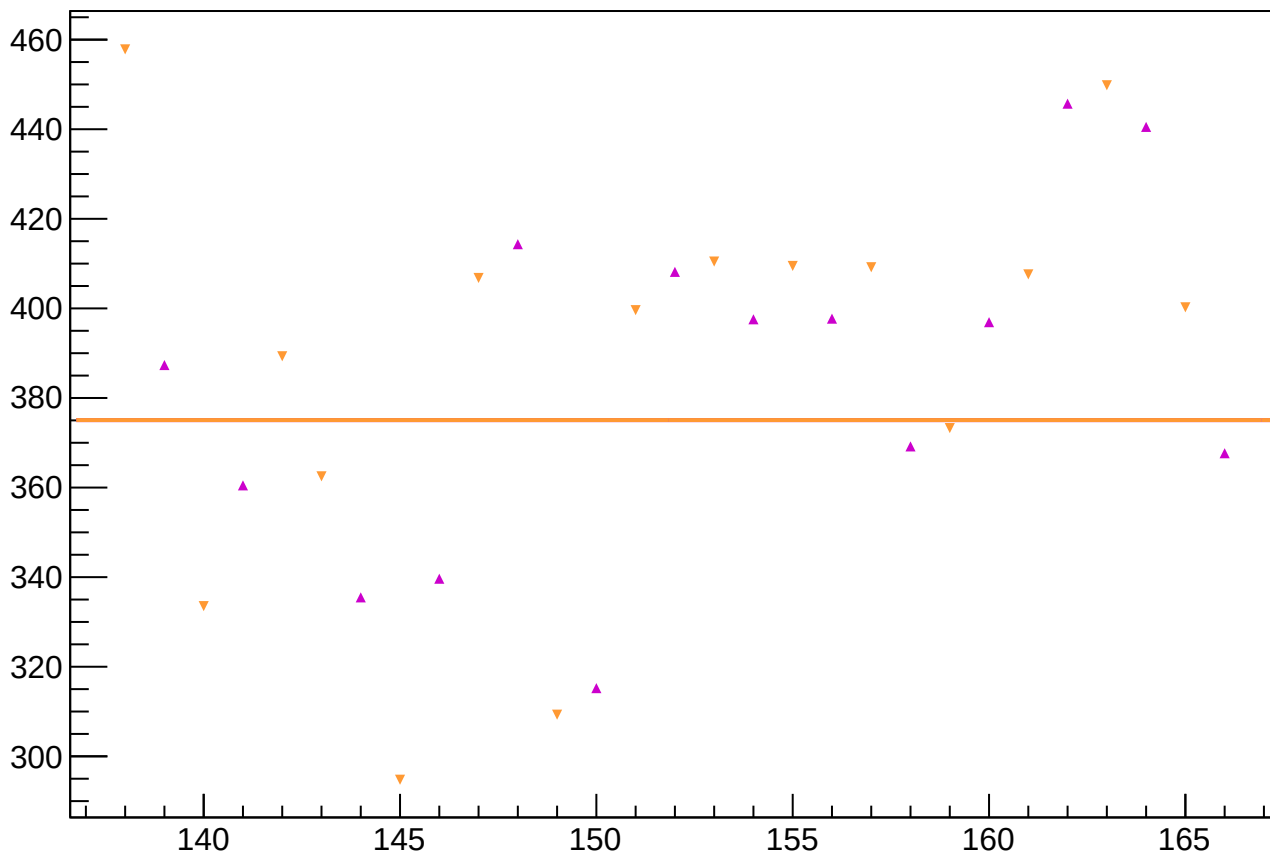
Left In: 203.070+/-114.175 χ^2/NDF : 16.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.870+/-80.508 χ^2/NDF : 29.7/28

- 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: 375.068+/-0.080 χ^2/NDF : 369393.1/14

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

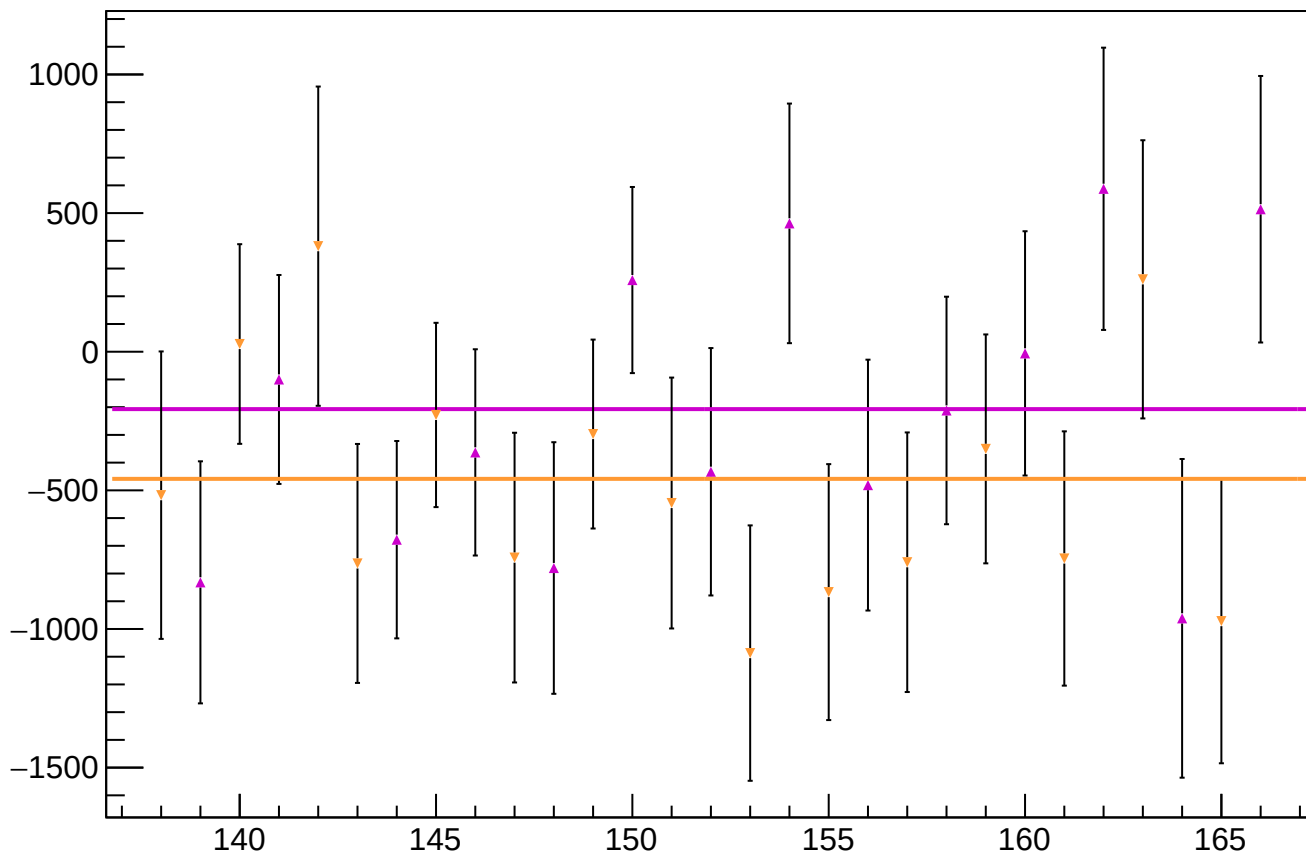
Left In: 375.061+/-0.081 χ^2/NDF : 212964.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.064+/-0.057 χ^2/NDF : 582357.7/28

- 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: -458.536+/-112.020 χ^2/NDF : 12.2/14

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

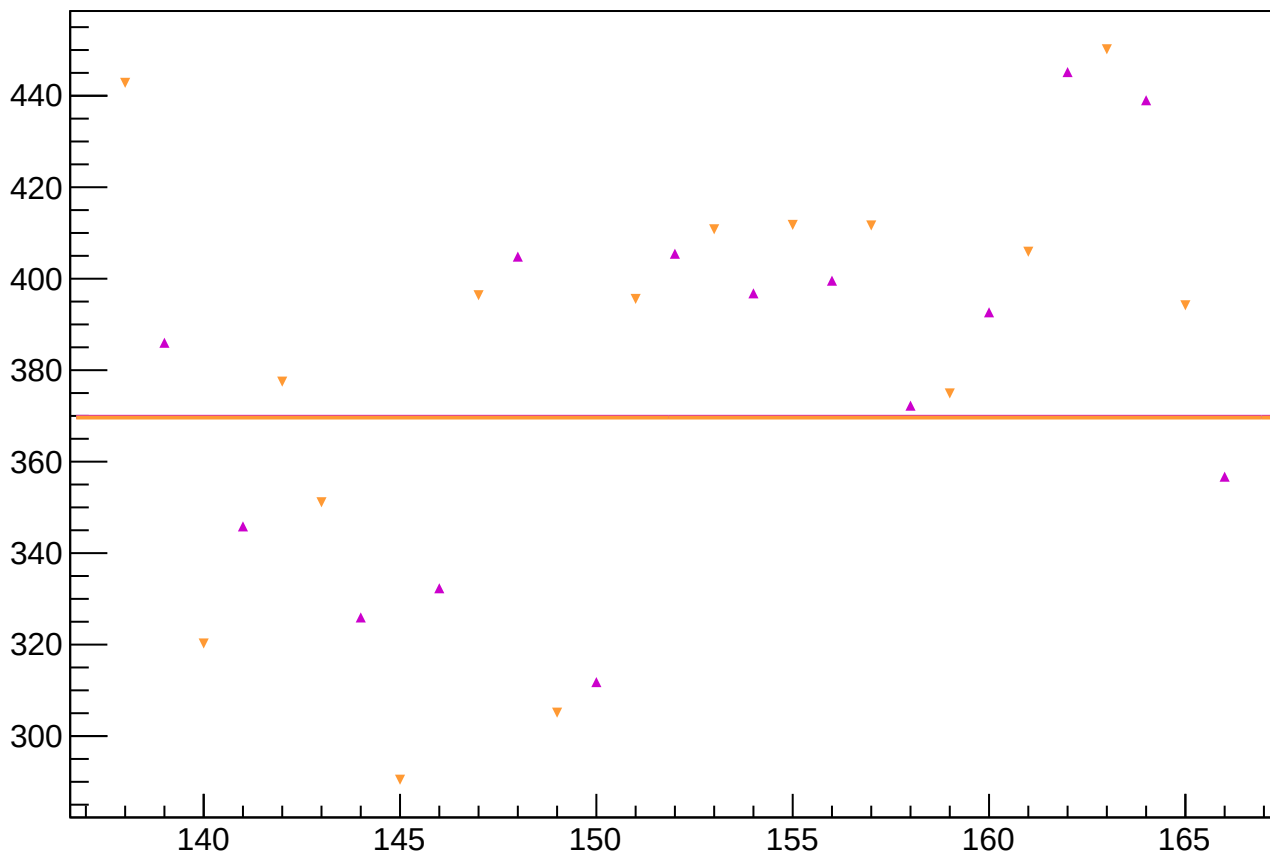
Left In: -206.974+/-112.709 χ^2/NDF : 17.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -333.526+/-79.453 χ^2/NDF : 31.9/28

- 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: 369.652+/-0.079 χ^2/NDF : 398120.0/14

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

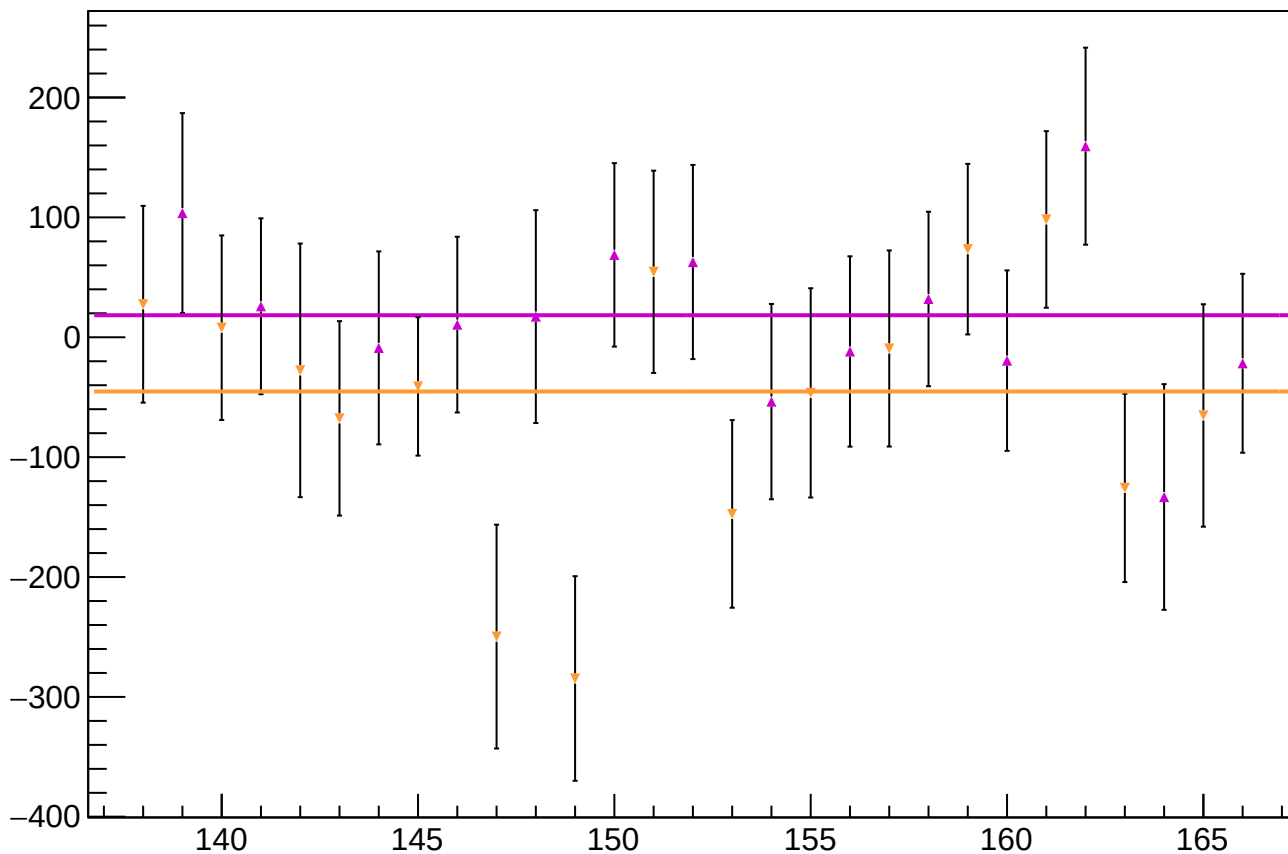
Left In: 369.799+/-0.080 χ^2/NDF : 242192.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.725+/-0.056 χ^2/NDF : 640314.6/28

- 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: -45.227 ± 20.603 χ^2/NDF : 25.0/14

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

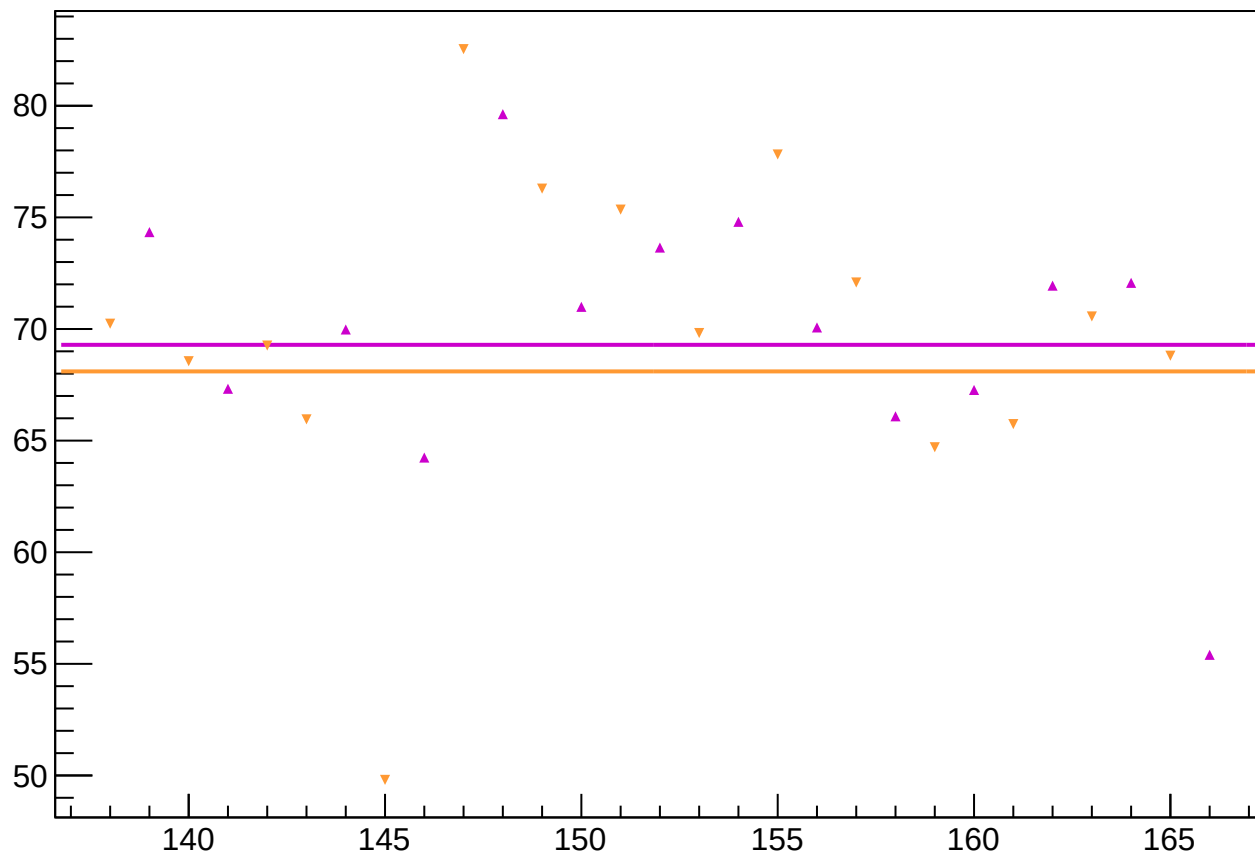
Left In: 18.388 ± 21.149 χ^2/NDF : 9.0/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.251 ± 14.758 χ^2/NDF : 38.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 68.100 $\pm$ 0.015 χ^2/NDF :324422.2/14

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

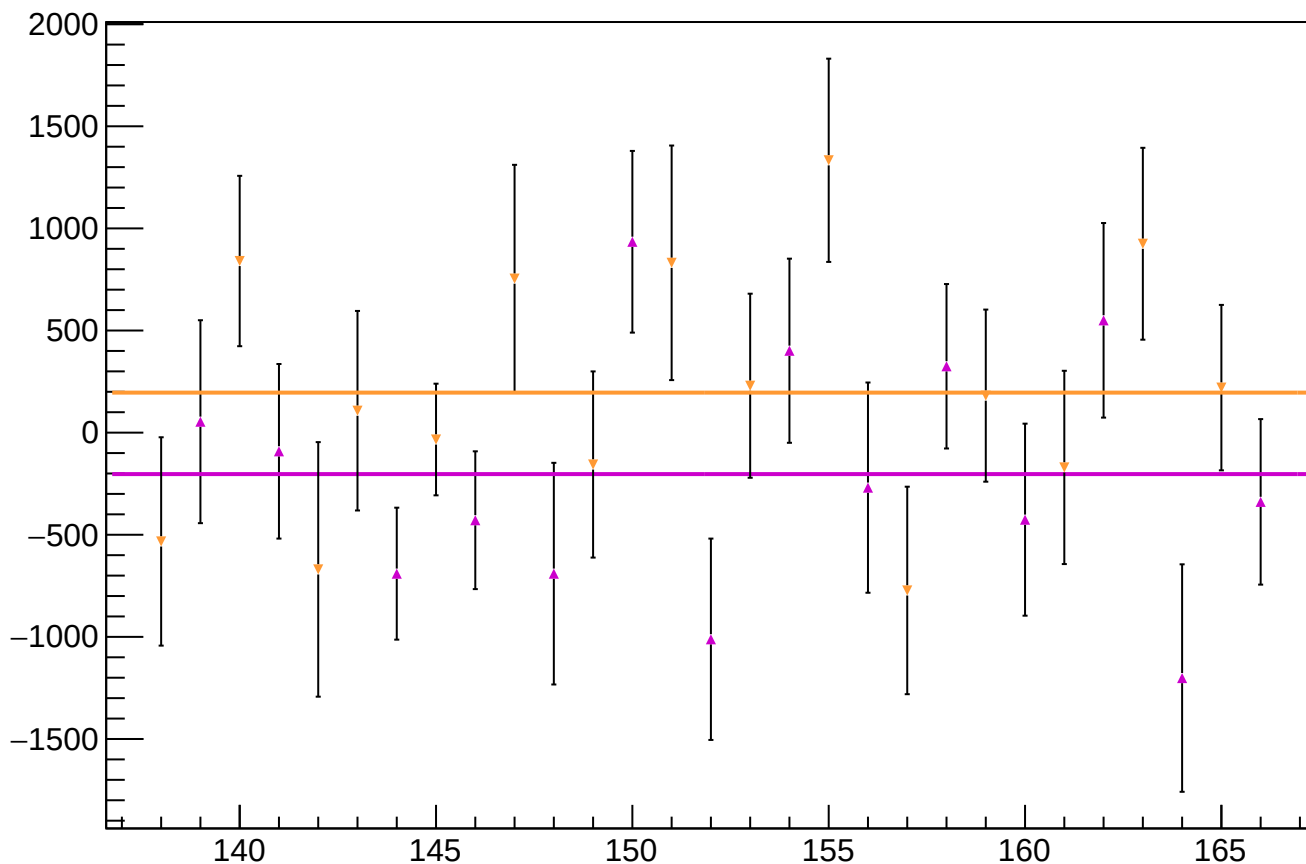
Left In: 69.291 $\pm$ 0.015 χ^2/NDF :140037.0/13

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

All: 68.680 $\pm$ 0.010 χ^2/NDF : 467710.4/28

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

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 195.973+/-115.953 χ^2/NDF : 21.8/14

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

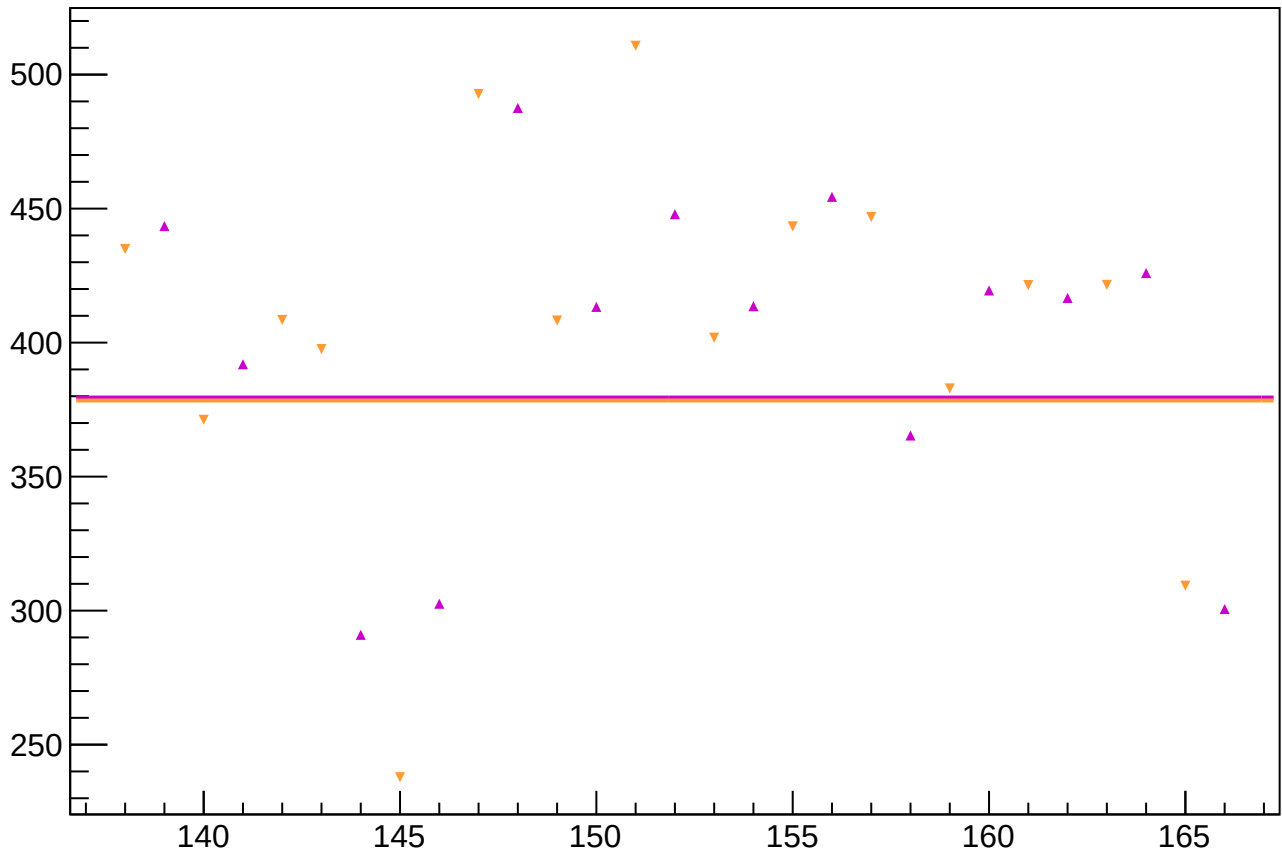
Left In: -202.990+/-116.586 χ^2/NDF : 22.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.422+/-82.214 χ^2/NDF : 50.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 378.404+/-0.082 χ^2/NDF : 928778.7/14

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

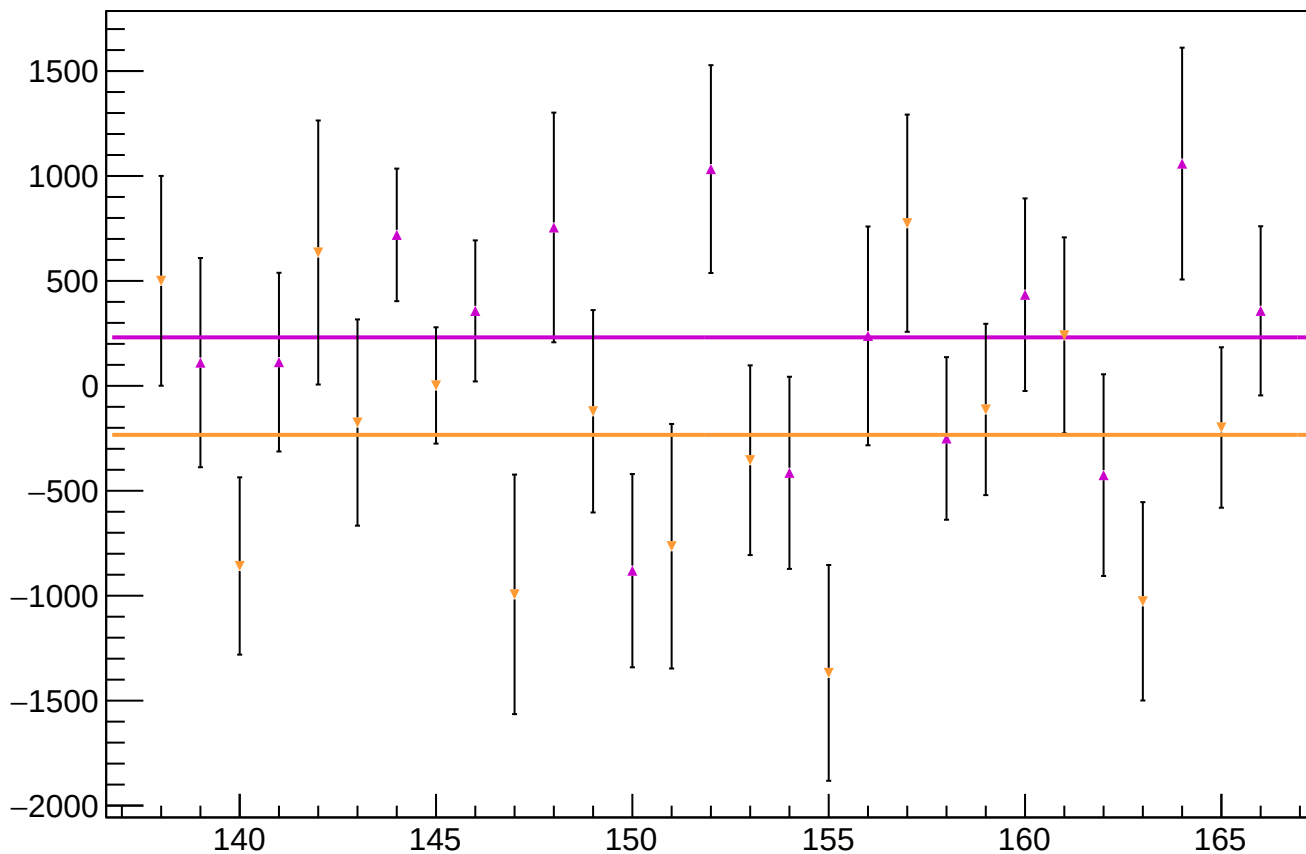
Left In: 379.501+/-0.082 χ^2/NDF : 591073.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.949+/-0.058 χ^2/NDF : 1519940.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -233.573+/-116.303 χ^2/NDF : 22.3/14

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

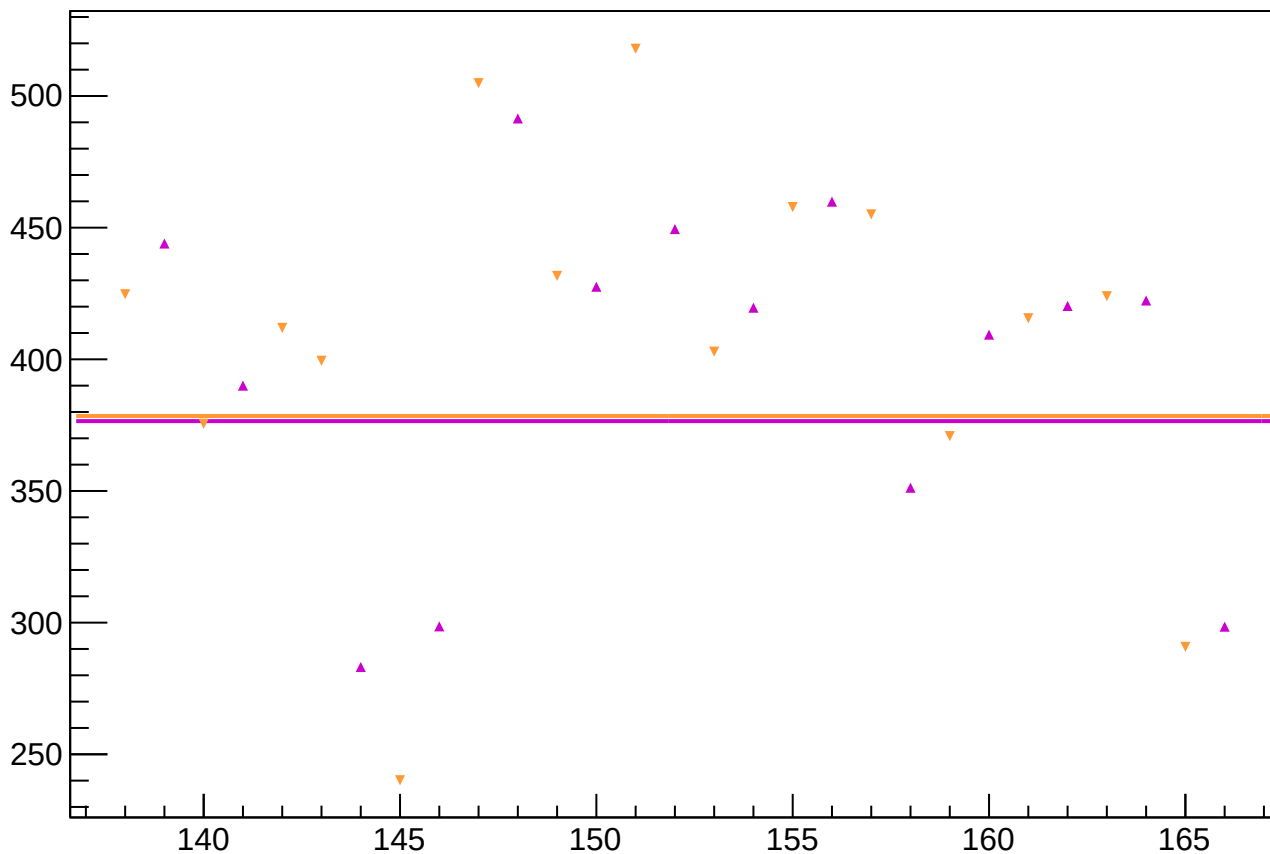
Left In: 231.057+/-116.104 χ^2/NDF : 20.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.860+/-82.168 χ^2/NDF : 50.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 378.469+/-0.082 χ^2/NDF : 996358.2/14

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

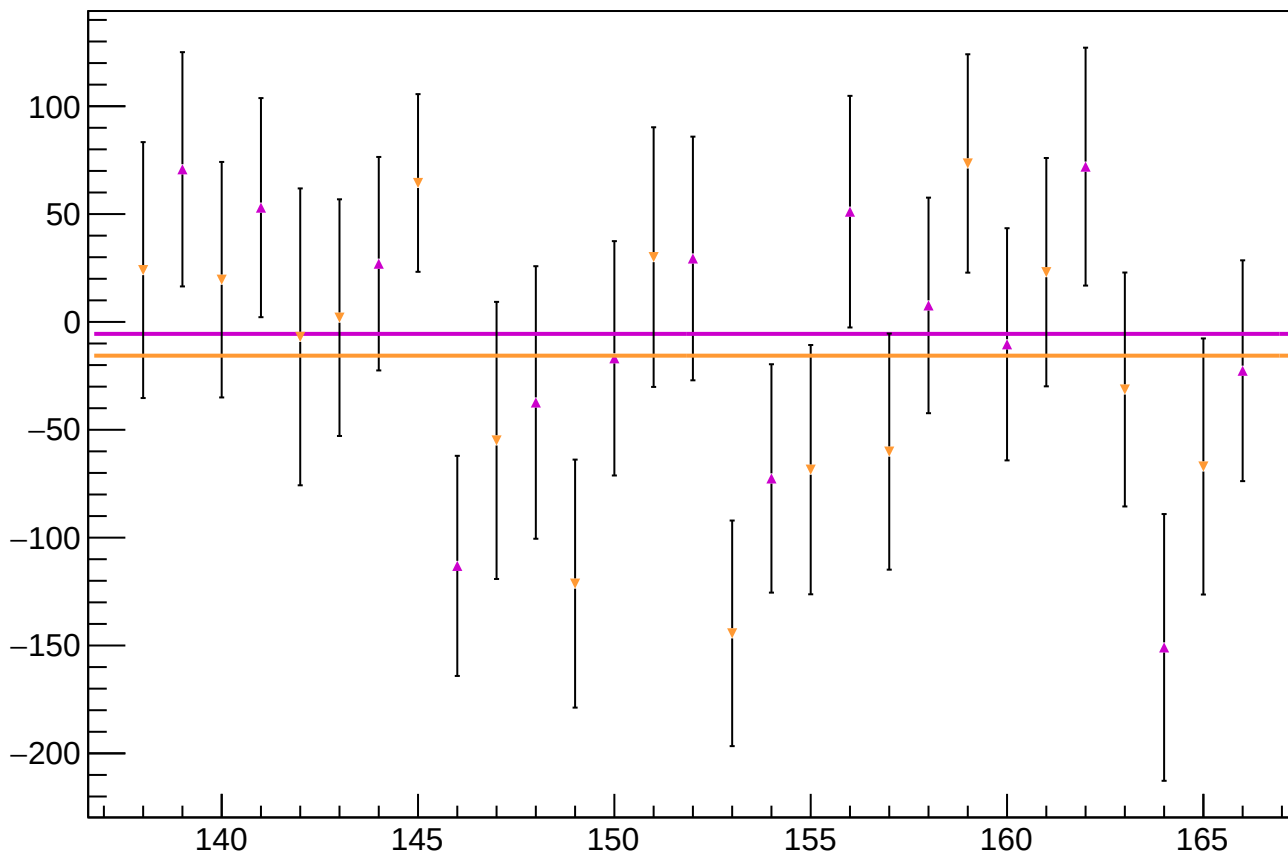
Left In: 376.537+/-0.082 χ^2/NDF : 670142.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.501+/-0.058 χ^2/NDF : 1666776.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: -15.637+/-14.222 χ^2/NDF : 21.1/14

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

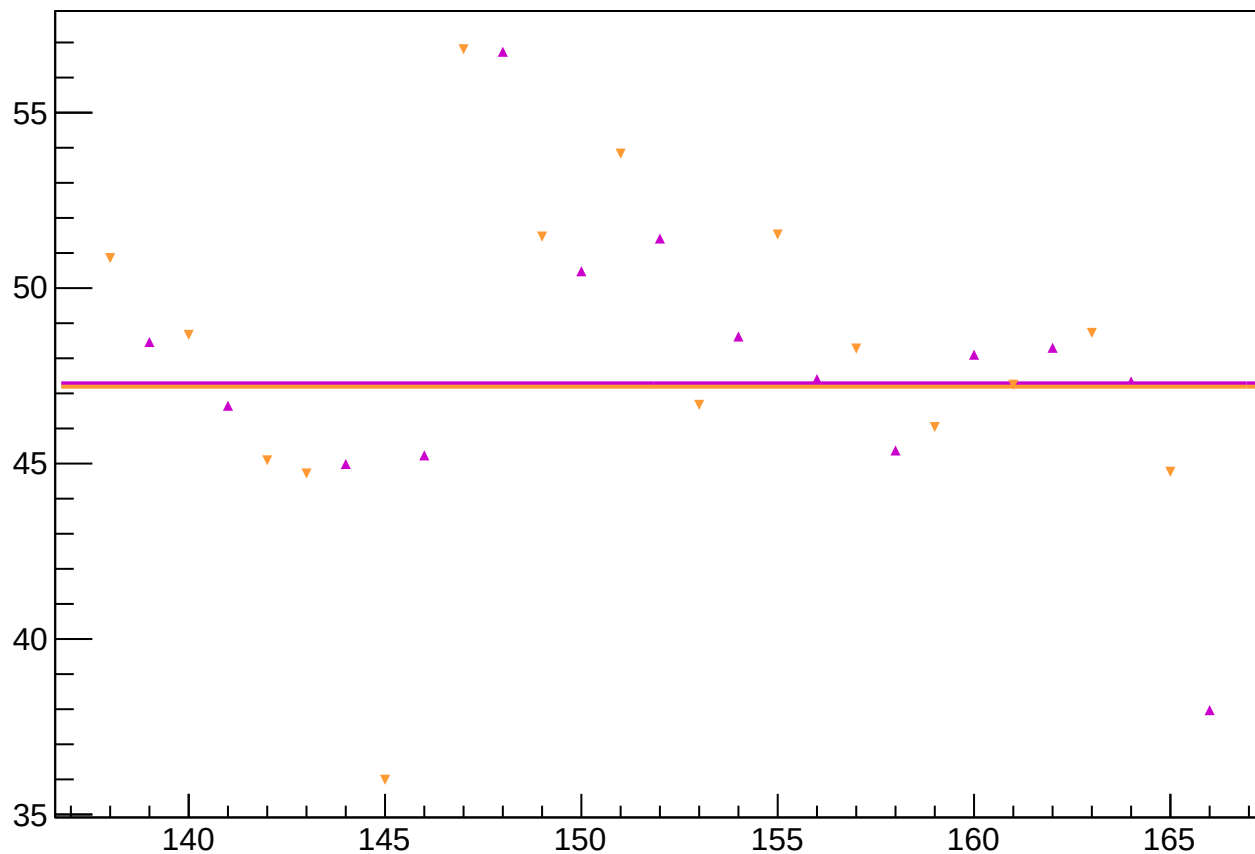
Left In: -5.539+/-14.368 χ^2/NDF : 19.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.639+/-10.108 χ^2/NDF : 40.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 47.192+/-0.010 χ^2/NDF : 261426.1/14

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

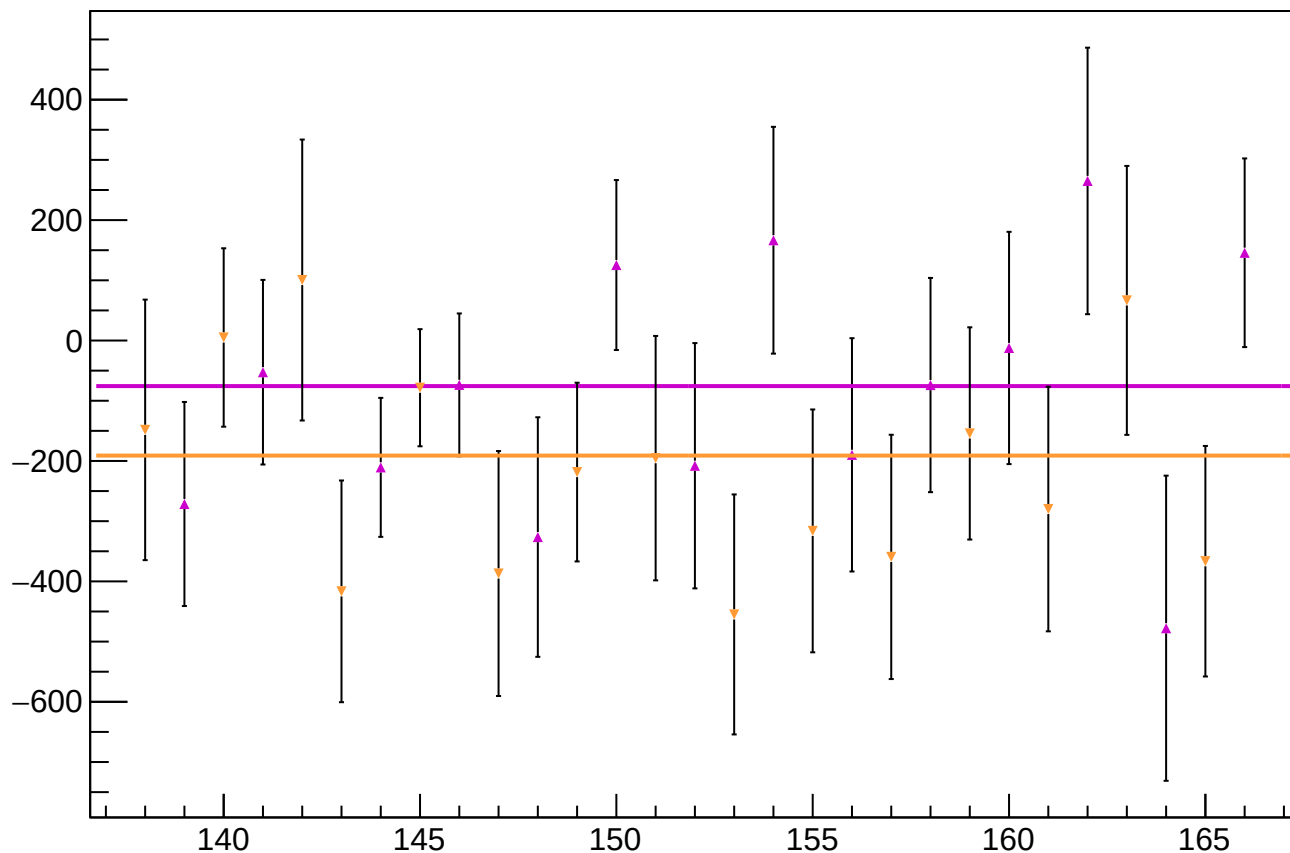
Left In: 47.286+/-0.010 χ^2/NDF : 142707.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.238+/-0.007 χ^2/NDF : 404177.1/28

- 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: -191.088+/-45.075 χ^2/NDF : 12.4/14

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

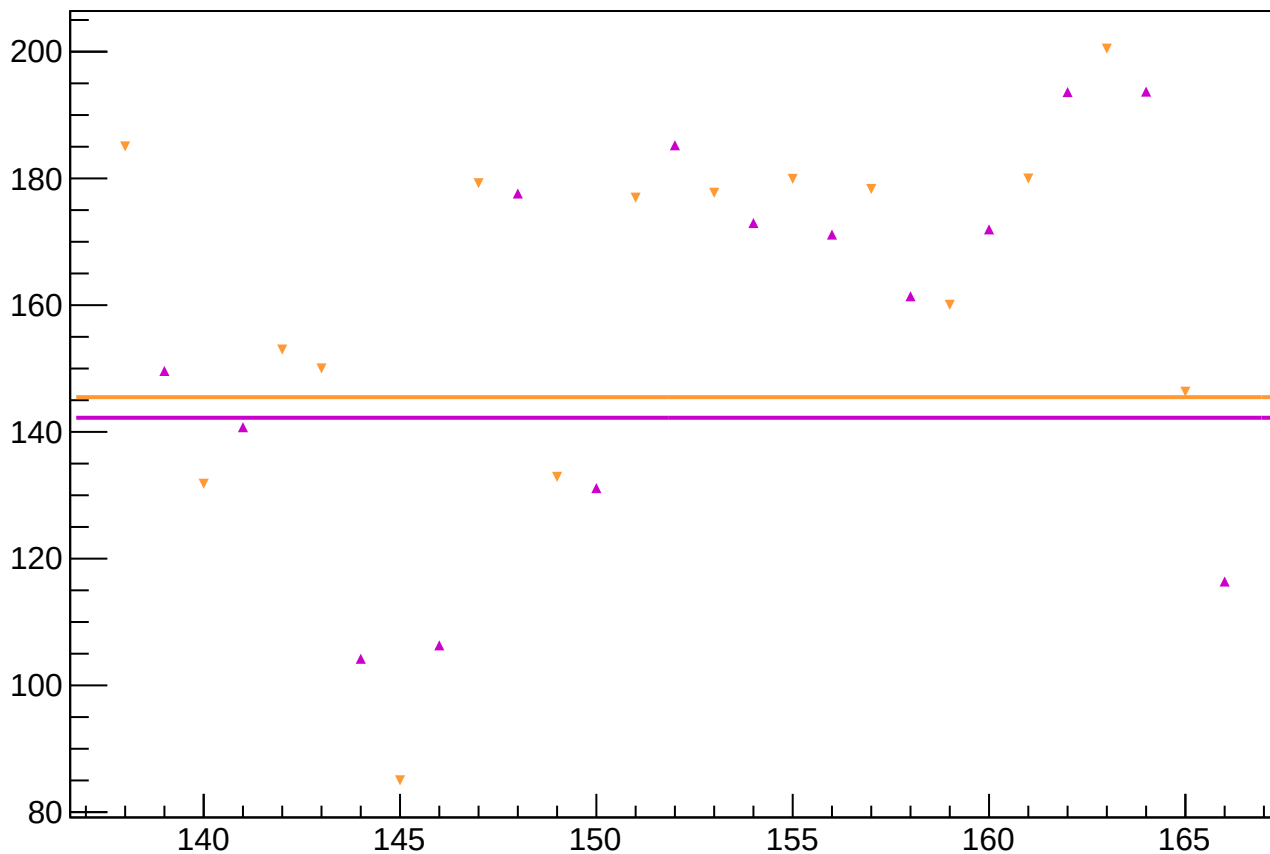
Left In: -75.662+/-44.145 χ^2/NDF : 15.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.172+/-31.539 χ^2/NDF : 31.5/28

- 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: 145.481+/-0.032 χ^2/NDF :1333592.6/14

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

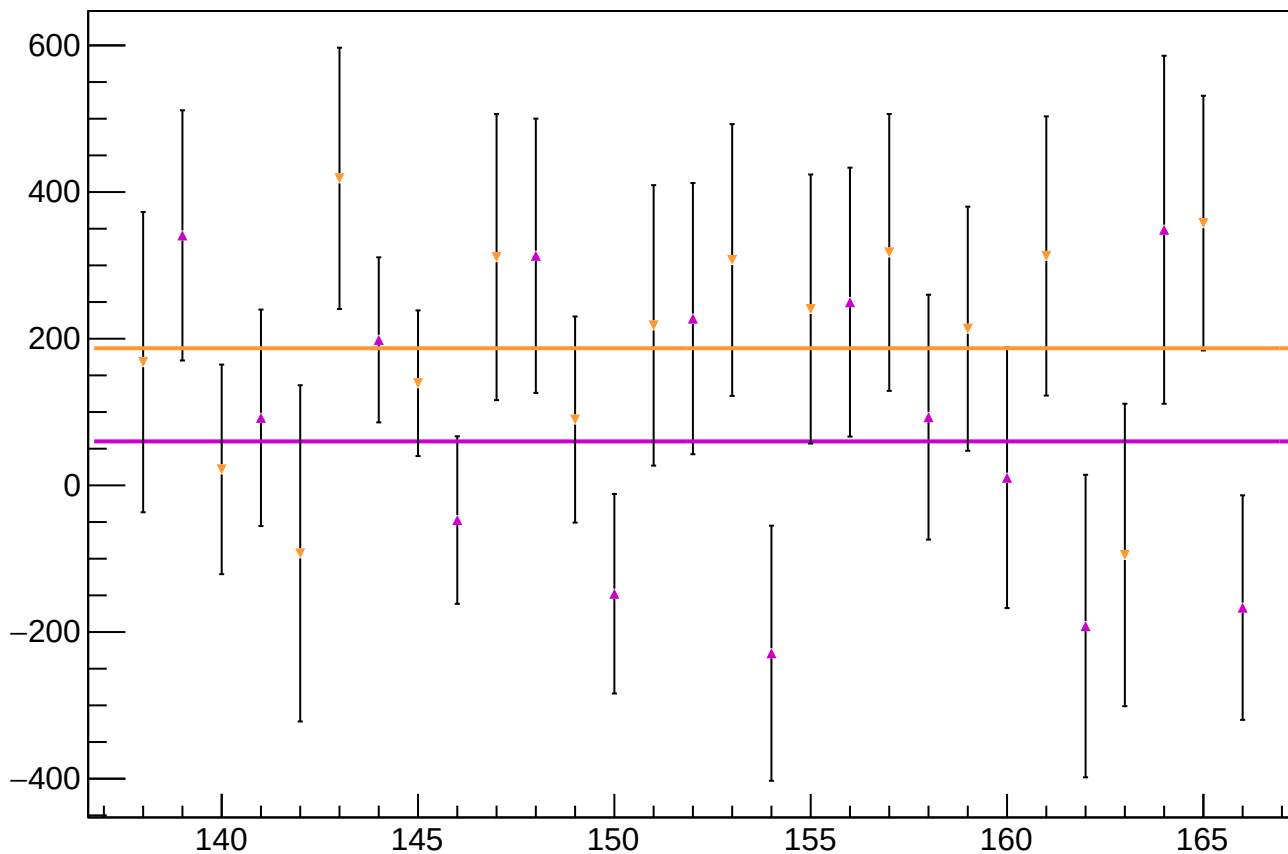
Left In: 142.231+/-0.031 χ^2/NDF :982546.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.822+/-0.022 χ^2/NDF : 2321448.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 187.028 $\pm$ 43.188 χ^2 /NDF:9.9/14

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

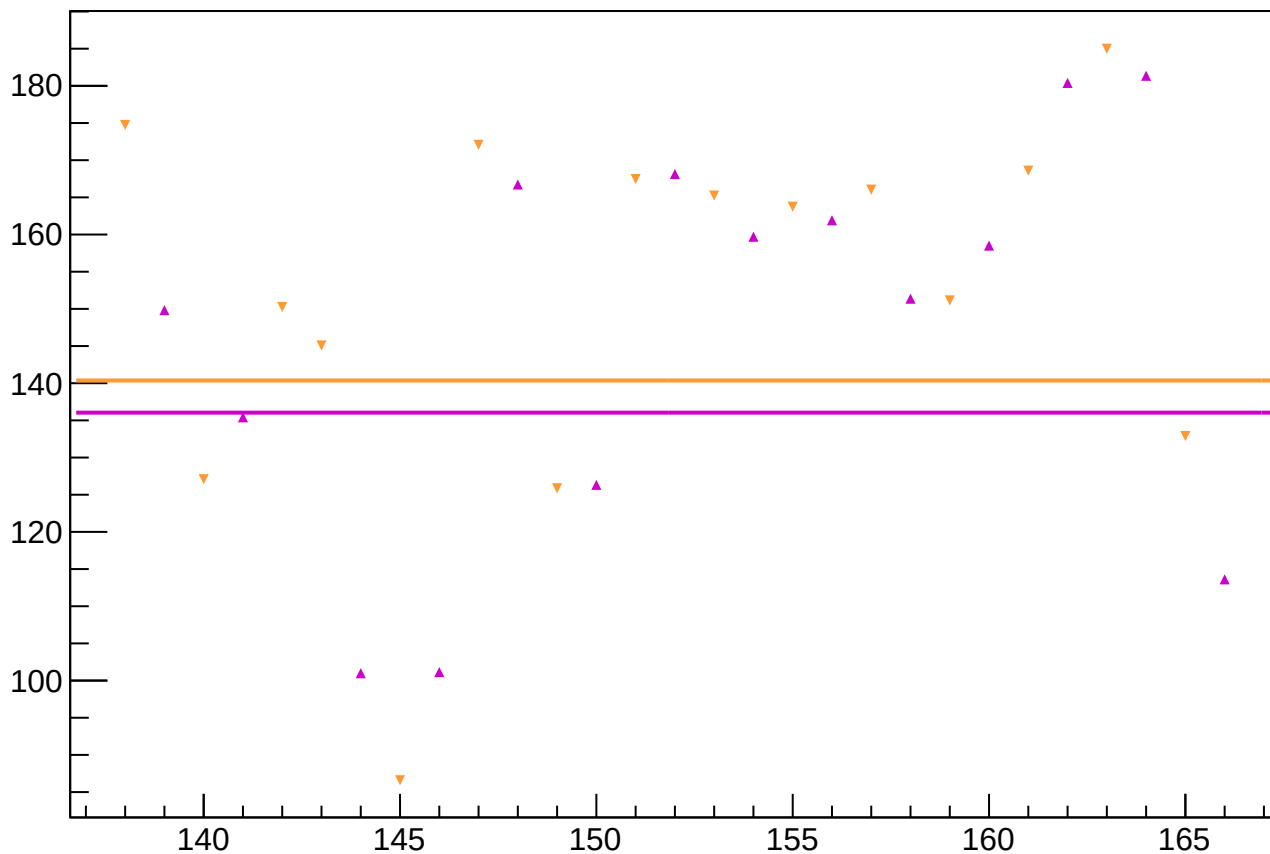
Left In: 59.981 $\pm$ 42.186 χ^2 /NDF:19.2/13

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

All: 122.014 $\pm$ 30.178 χ^2 /NDF: 33.6/28

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

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 140.370+/-0.031 χ^2/NDF : 1034416.8/14

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

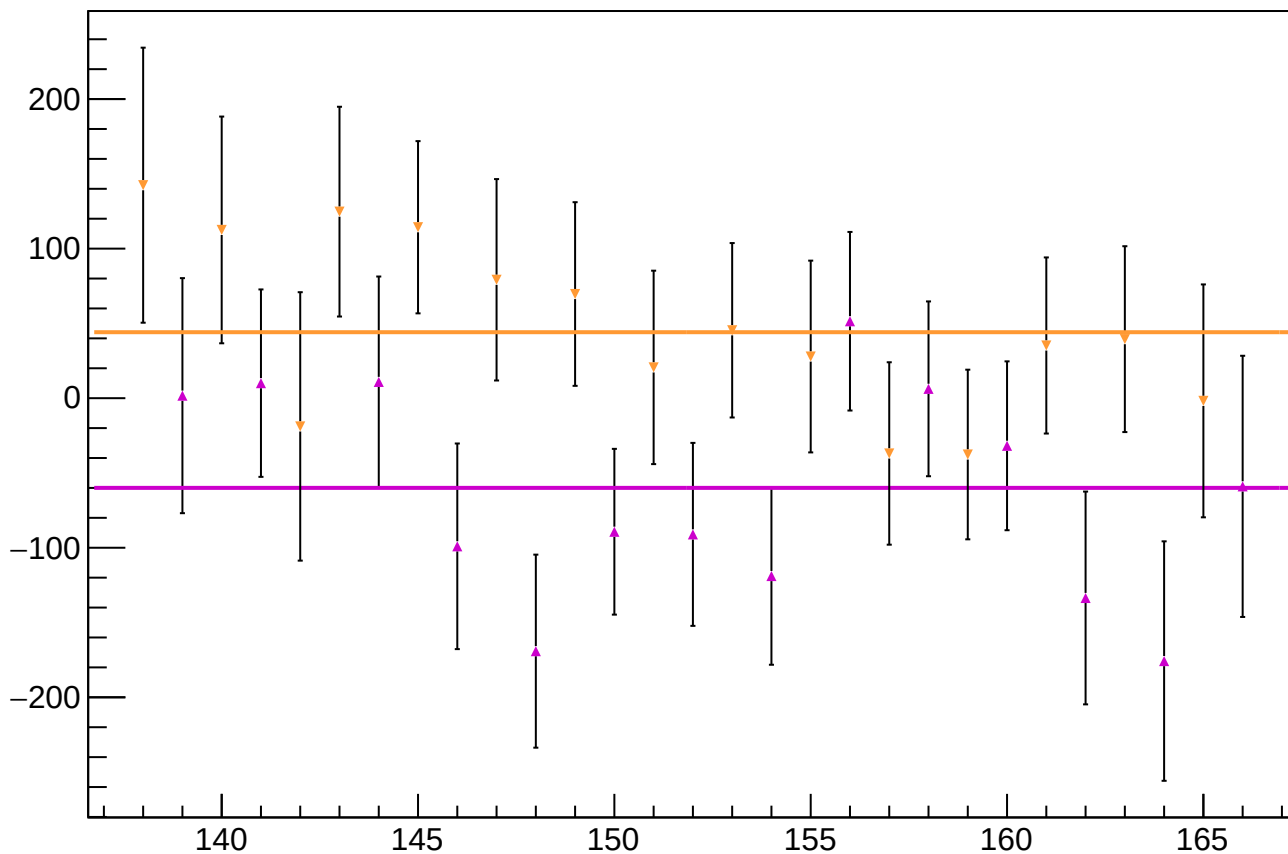
Left In: 136.040+/-0.030 χ^2/NDF : 851933.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.155+/-0.021 χ^2/NDF : 1896637.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 44.119+/-16.961 χ^2/NDF :10.1/14

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

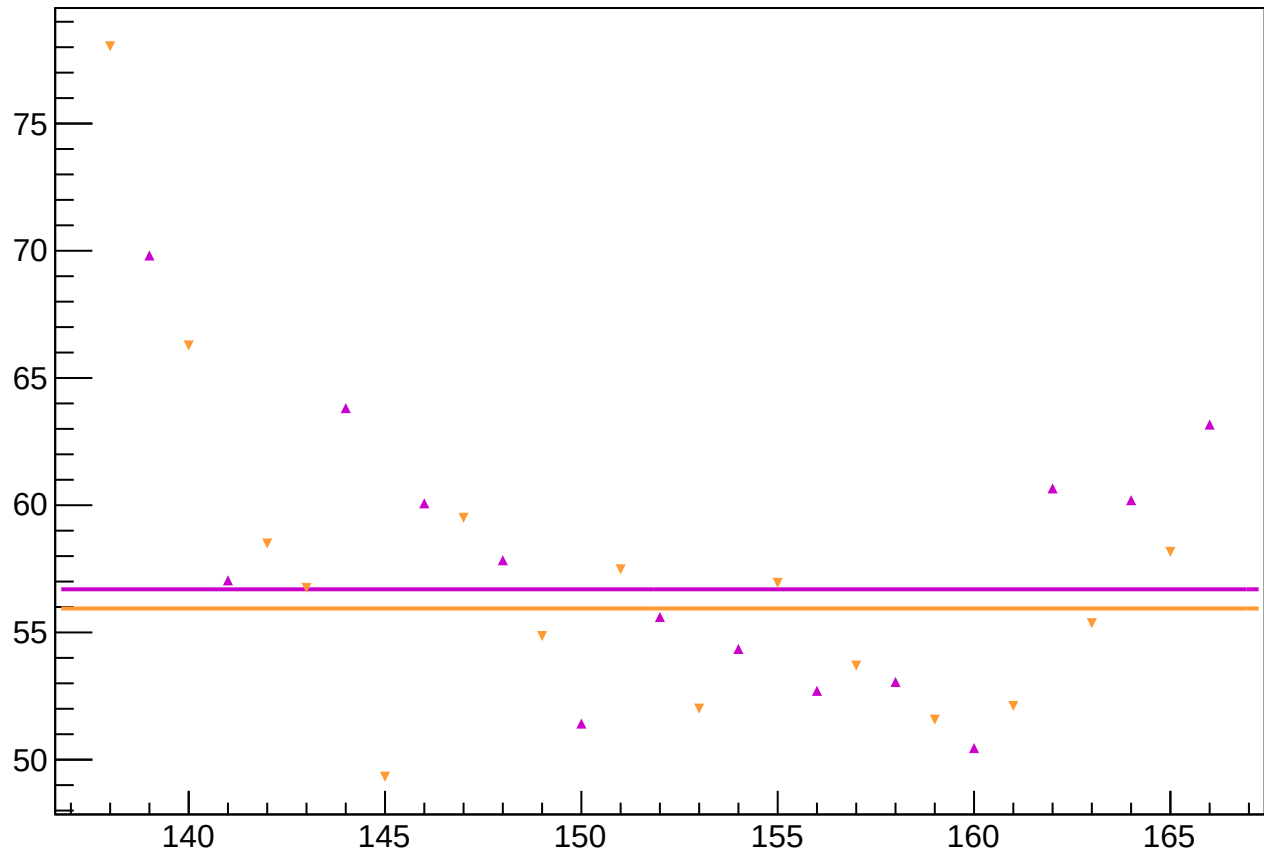
Left In: -59.968+/-17.359 χ^2/NDF :15.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.718+/-12.132 χ^2/NDF : 44.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 55.942+/-0.012 χ^2/NDF : 222739.3/14

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

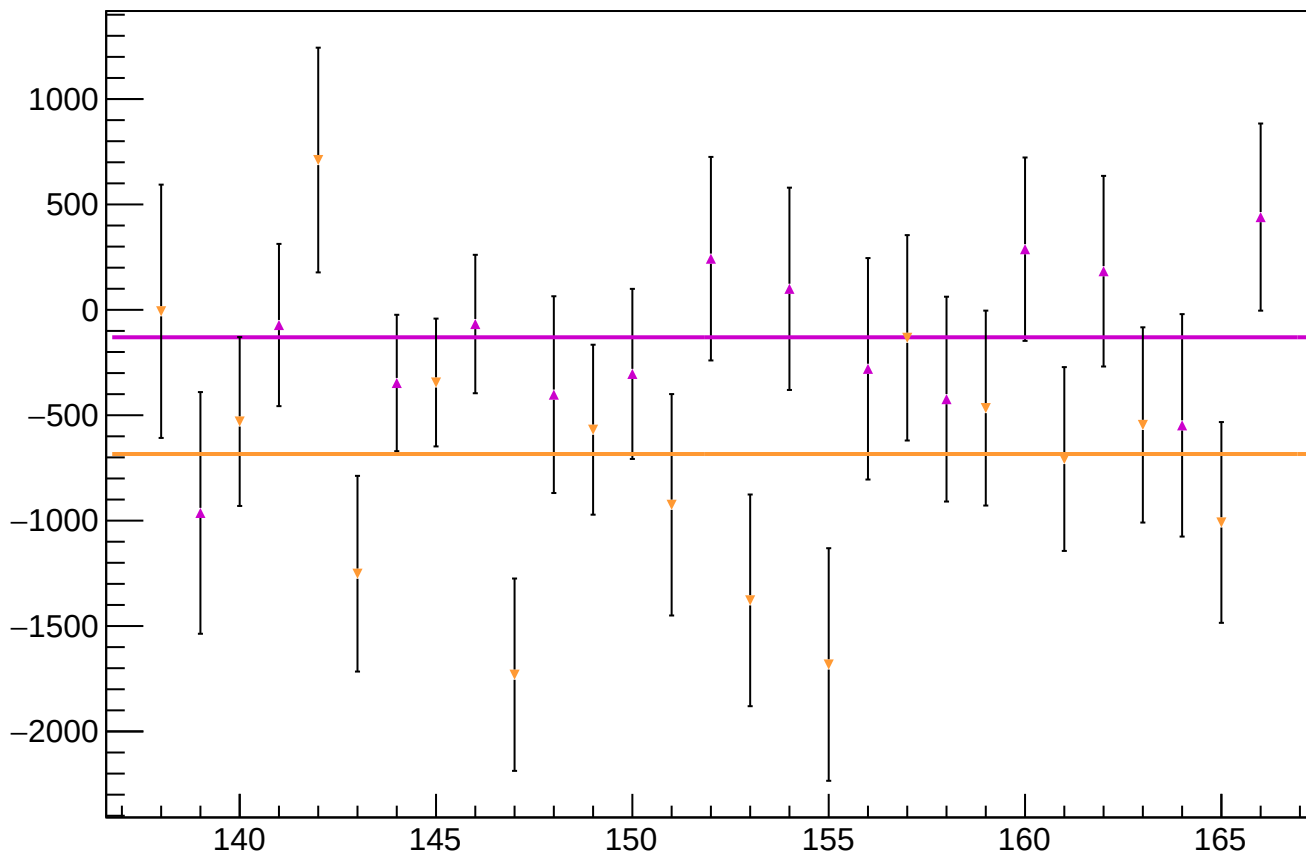
Left In: 56.696+/-0.012 χ^2/NDF : 165747.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.310+/-0.009 χ^2/NDF : 390415.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_mean vs Slug



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

Left Out: -683.913 $\pm$ 116.962 χ^2 /NDF:23.8/14

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

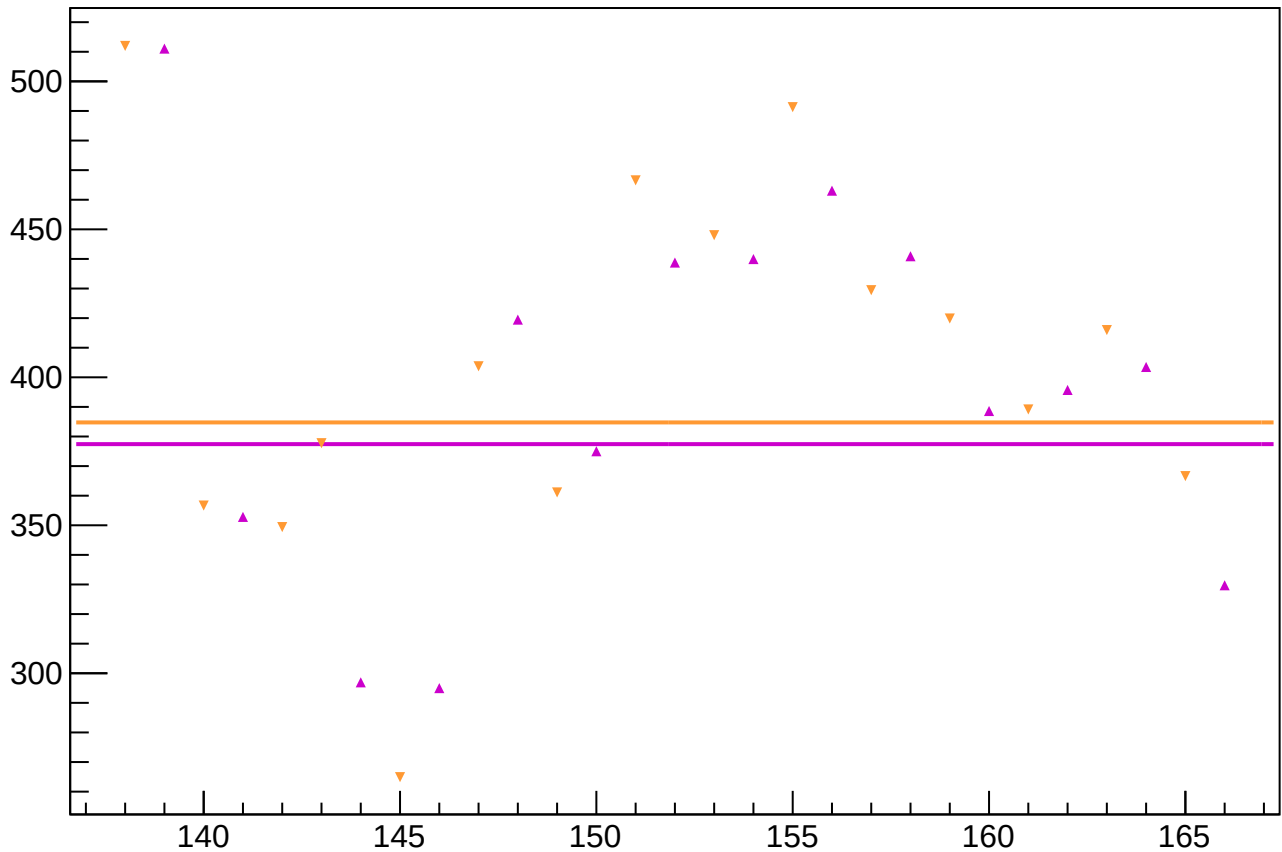
Left In: -130.154 $\pm$ 115.705 χ^2 /NDF:8.1/13

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

All: -404.040 $\pm$ 82.257 χ^2 /NDF: 43.2/28

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

asym_sam_1357_avg_correction_rms vs Slug



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

Left Out: 384.757+/-0.083 χ^2/NDF : 627166.1/14

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

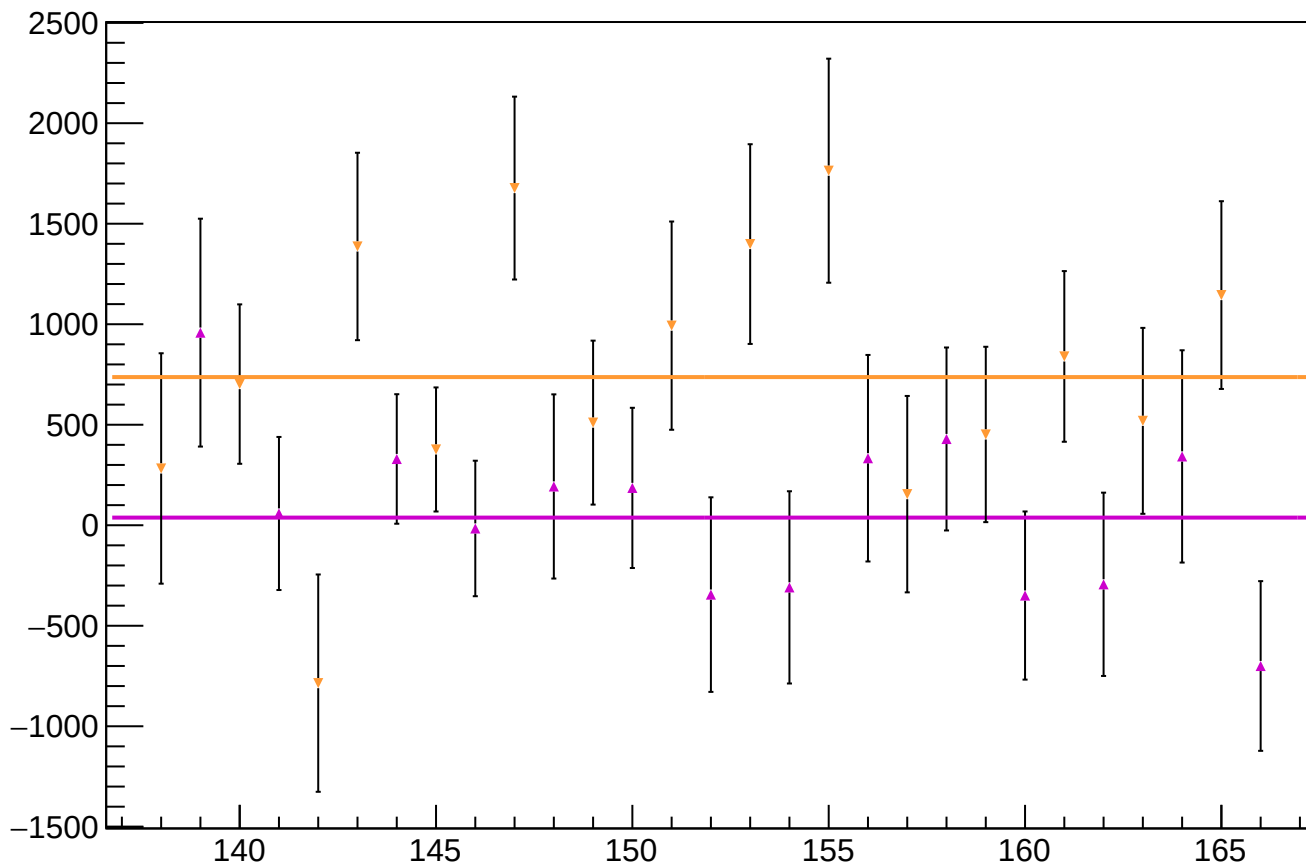
Left In: 377.422+/-0.082 χ^2/NDF : 569213.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.050+/-0.058 χ^2/NDF : 1200356.0/28

- 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: 737.032+/-116.223 χ^2/NDF :24.8/14

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

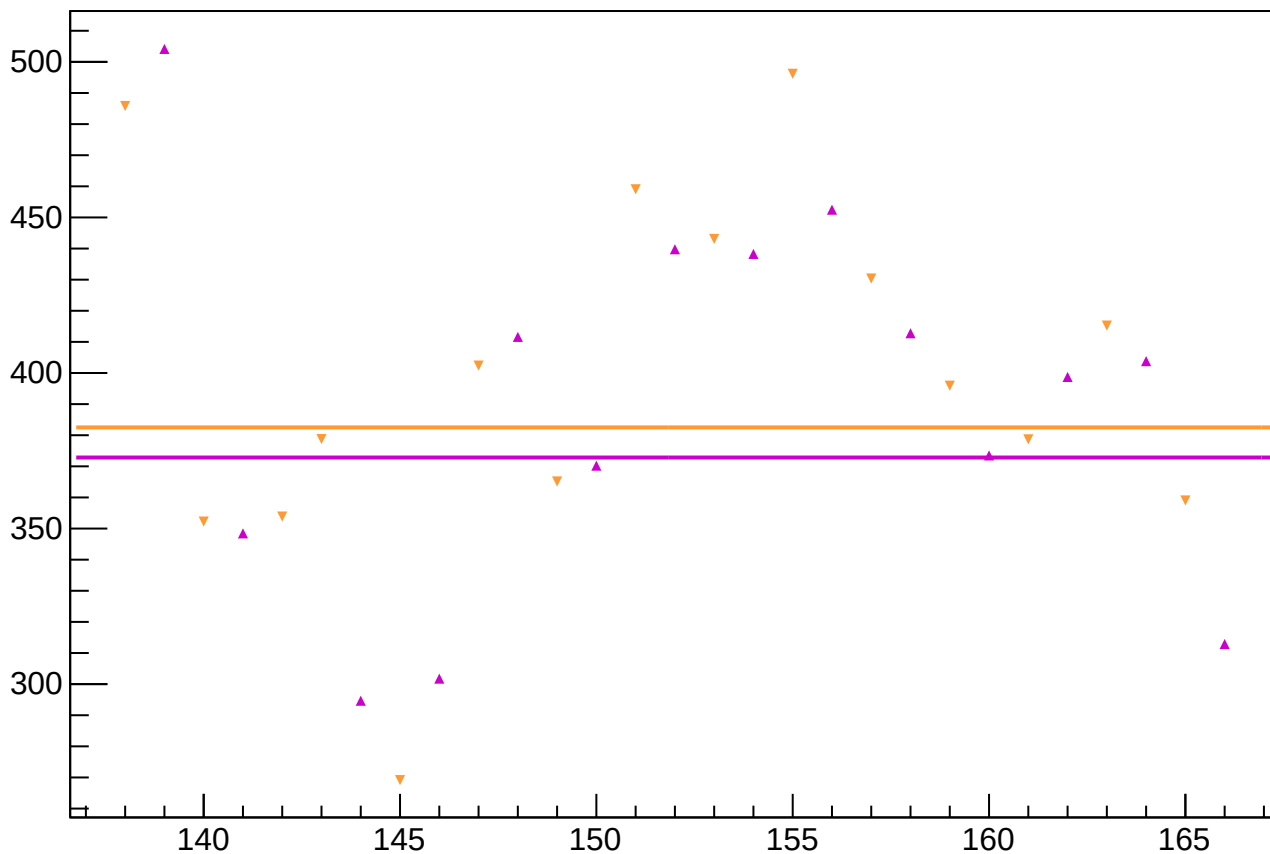
Left In: 38.016+/-114.333 χ^2/NDF :10.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.793+/-81.506 χ^2/NDF : 53.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_rms vs Slug



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

Left Out: 382.508+/-0.082 χ^2/NDF : 552722.4/14

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

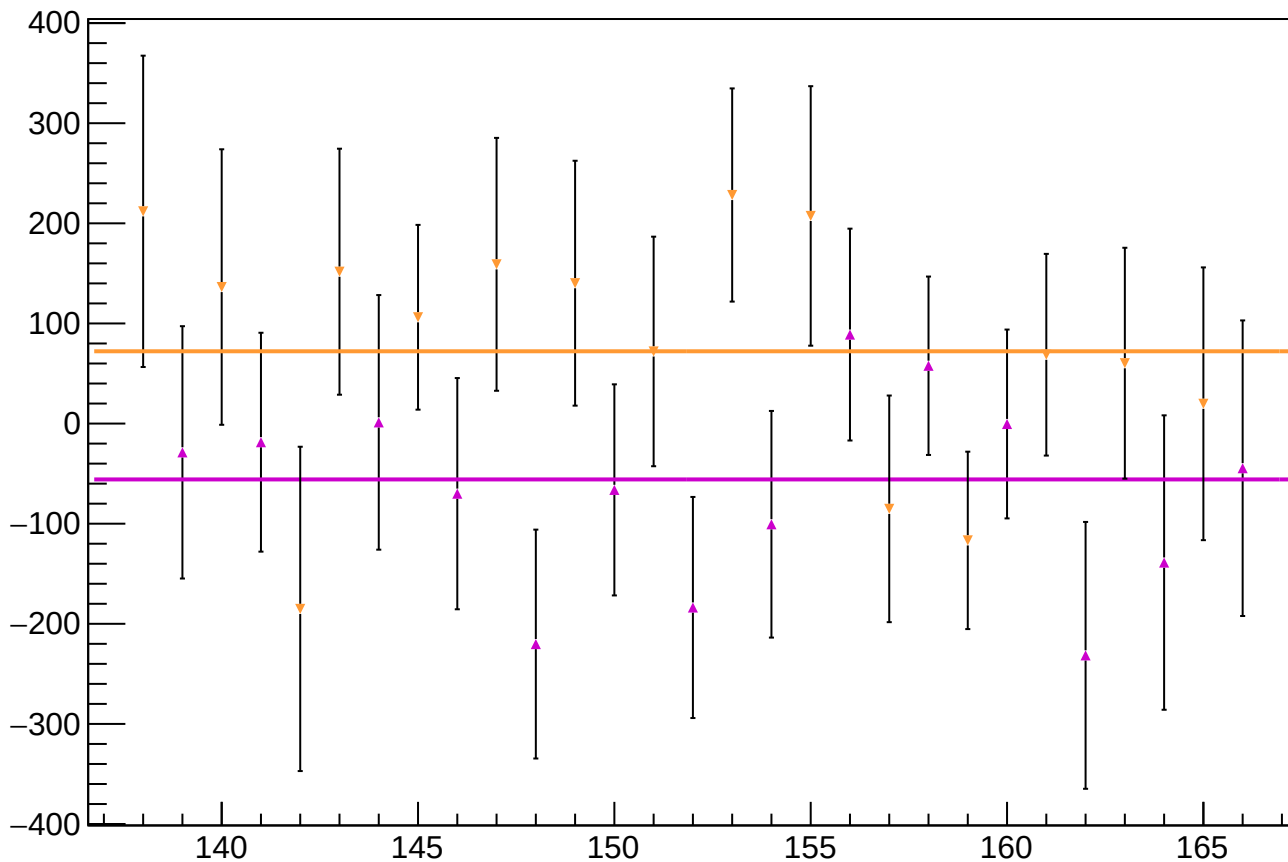
Left In: 372.834+/-0.081 χ^2/NDF : 529584.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.592+/-0.058 χ^2/NDF : 1089349.7/28

- 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: 72.206 $\pm$ 30.117 χ^2 /NDF:14.8/14

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

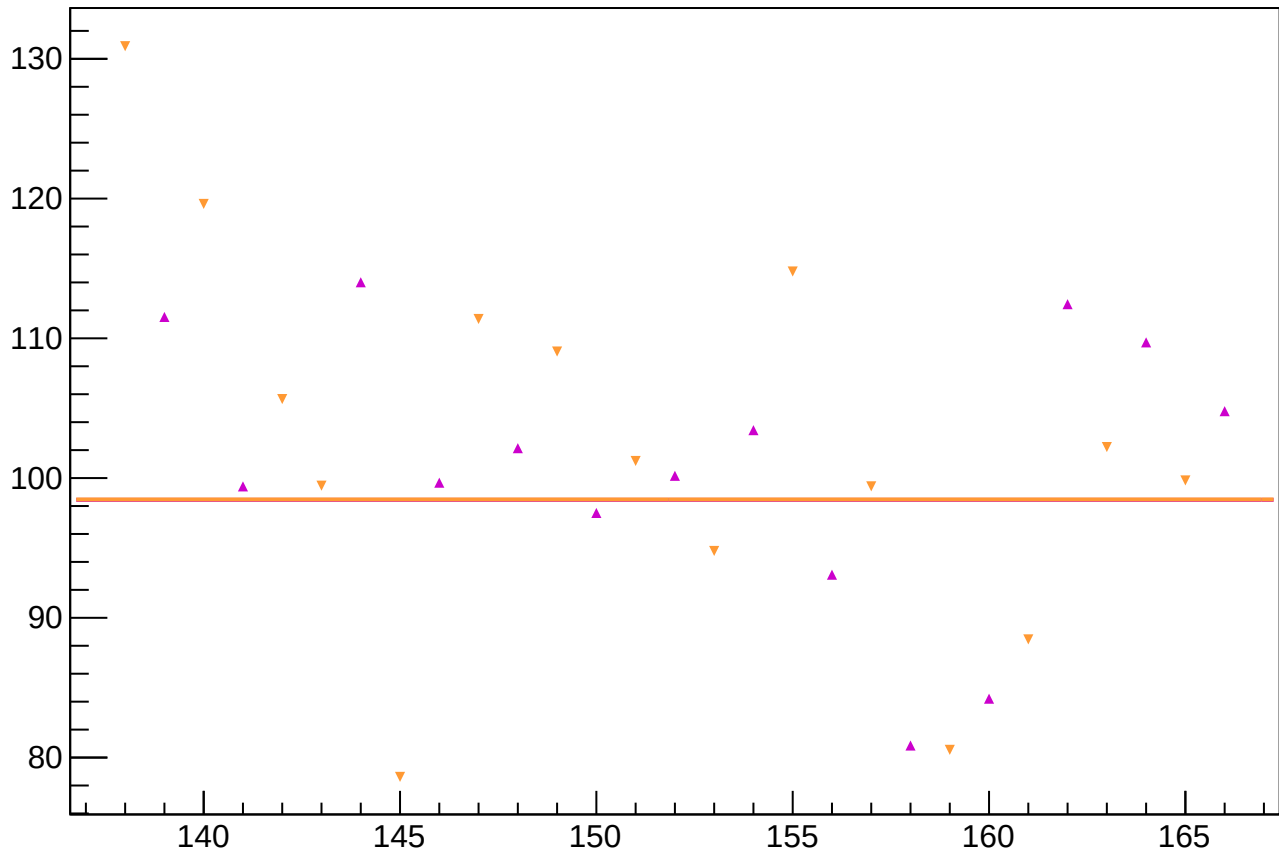
Left In: -55.795 $\pm$ 30.341 χ^2 /NDF:9.9/13

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

All: 8.680 $\pm$ 21.375 χ^2 /NDF: 33.6/28

- 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: 98.468+/-0.021 χ^2/NDF : 406065.6/14

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

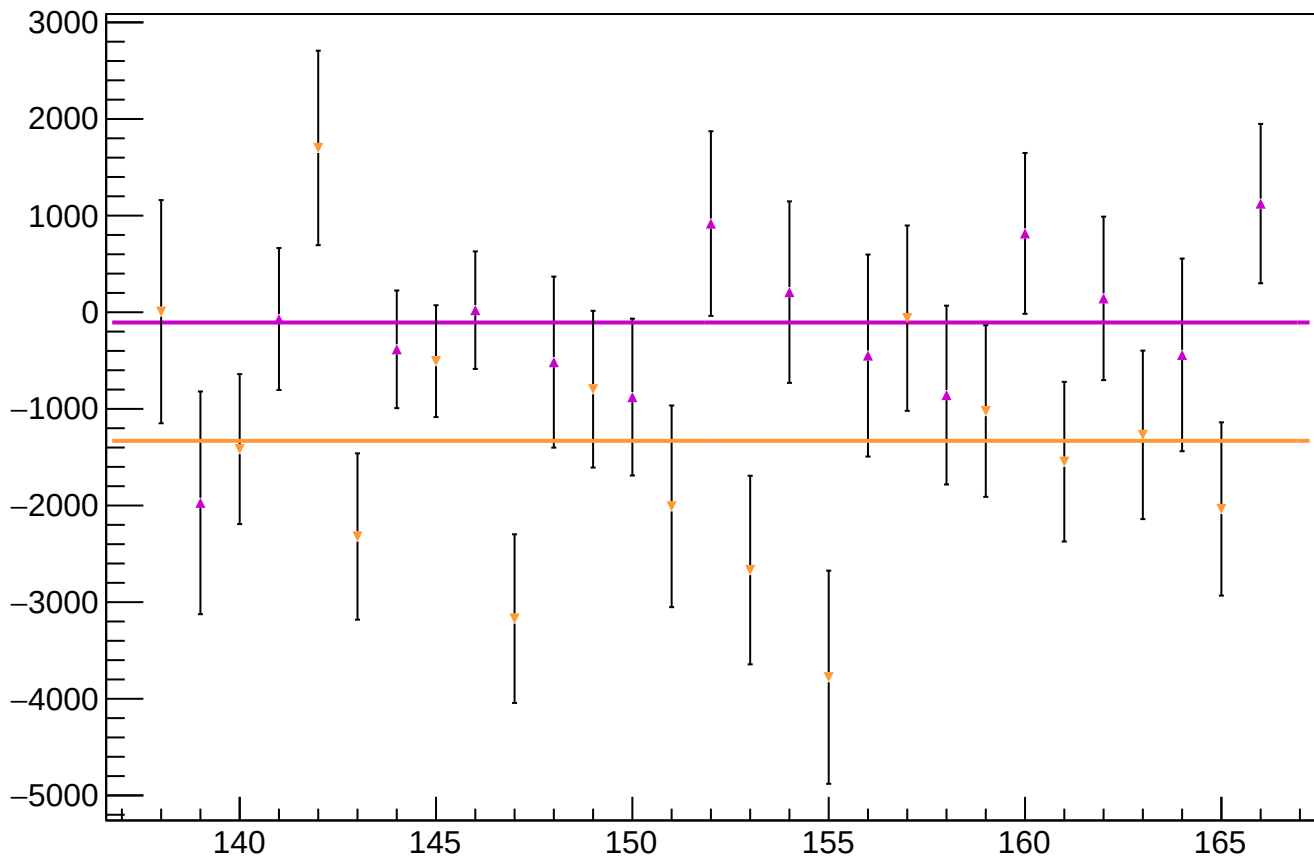
Left In: 98.439+/-0.021 χ^2/NDF : 224604.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.454+/-0.015 χ^2/NDF : 630671.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_mean vs Slug



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

Left Out: -1330.823 $\pm$ 225.086 χ^2 /NDF:28.4/14

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

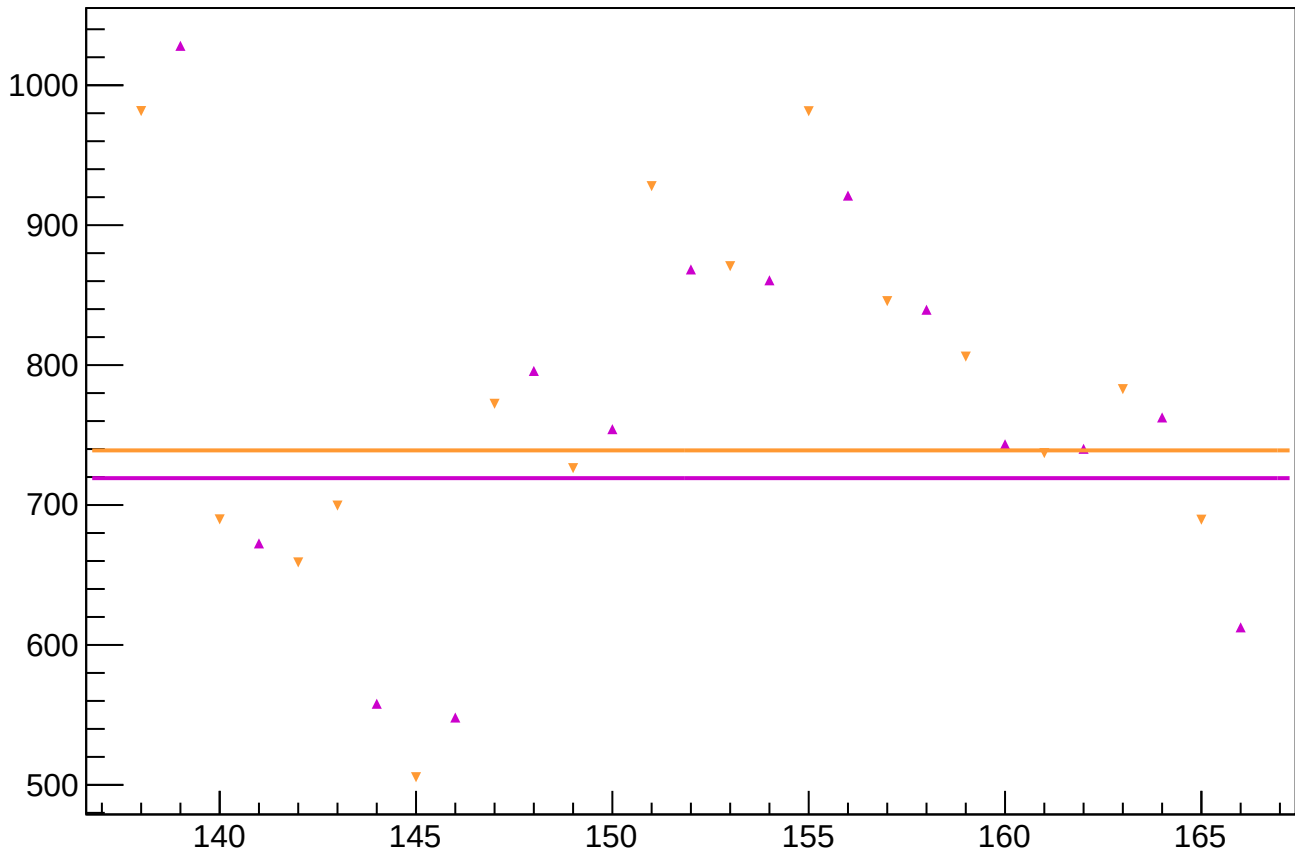
Left In: -105.849 $\pm$ 221.219 χ^2 /NDF:9.7/13

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

All: -707.721 $\pm$ 157.775 χ^2 /NDF: 53.2/28

- sign 0.000 $\pm$ 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: 739.041+/-0.159 χ^2/NDF : 687794.7/14

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

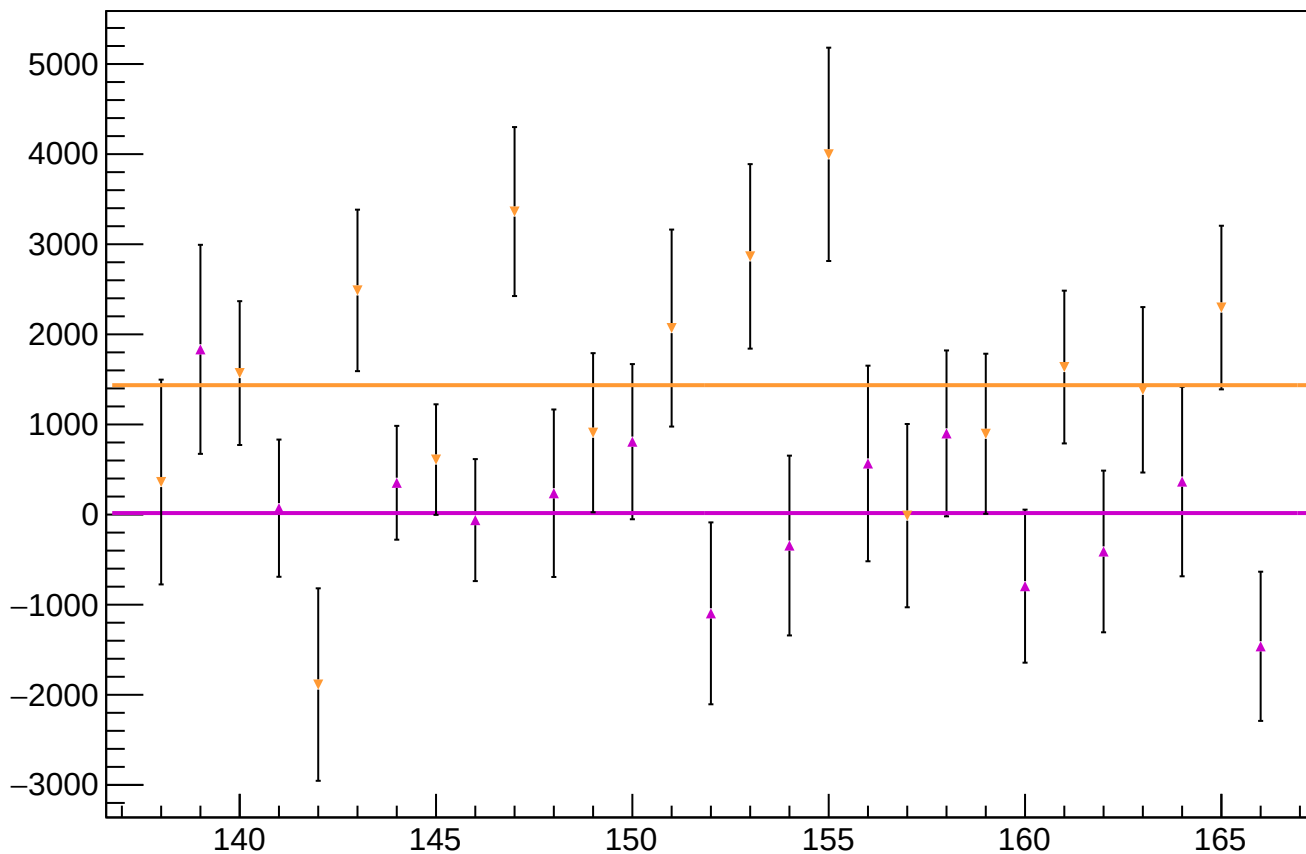
Left In: 719.204+/-0.156 χ^2/NDF : 711678.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.951+/-0.112 χ^2/NDF : 1407374.8/28

- 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: 1435.994+/-235.228 χ^2/NDF : 28.7/14

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

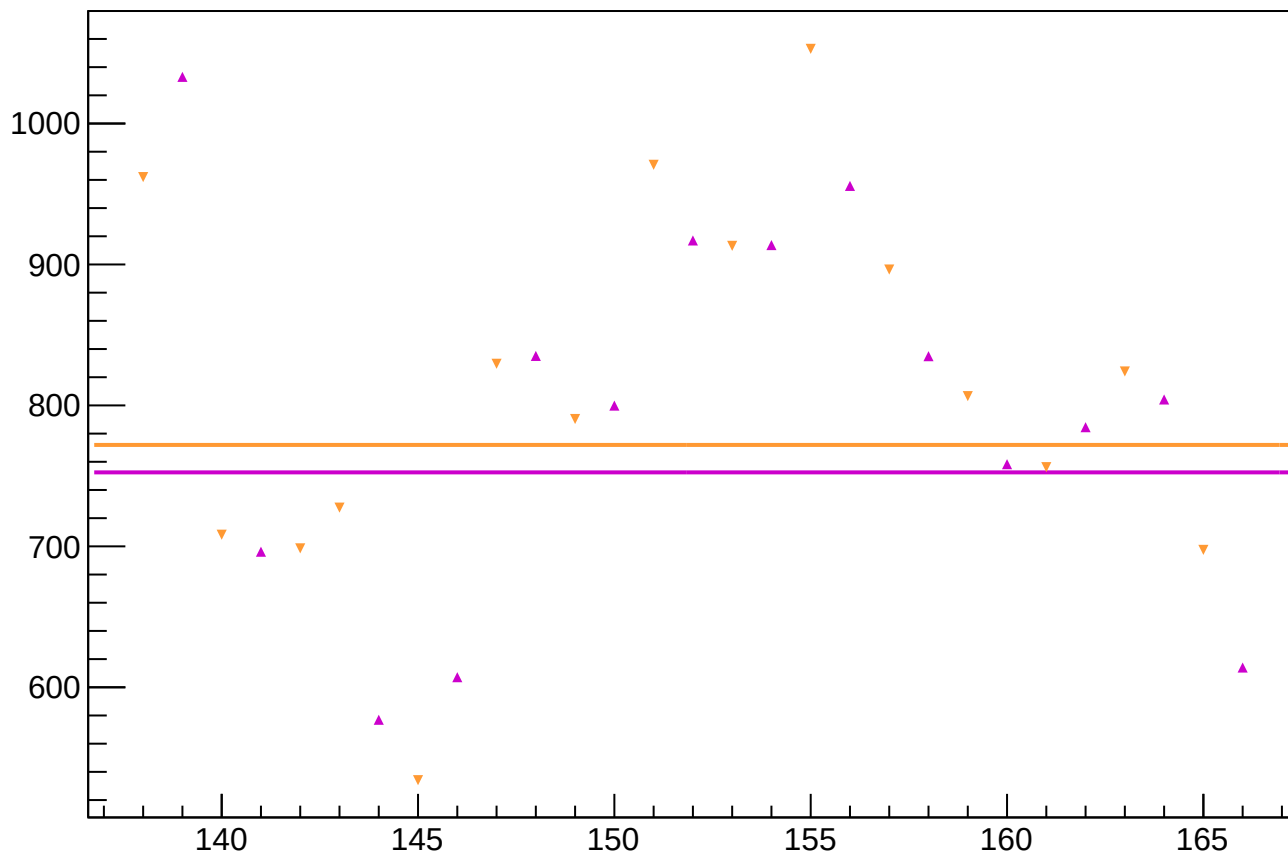
Left In: 16.782+/-231.415 χ^2/NDF : 10.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 714.792+/-164.966 χ^2/NDF : 57.8/28

- 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: 771.964+/-0.166 χ^2/NDF : 662506.8/14

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

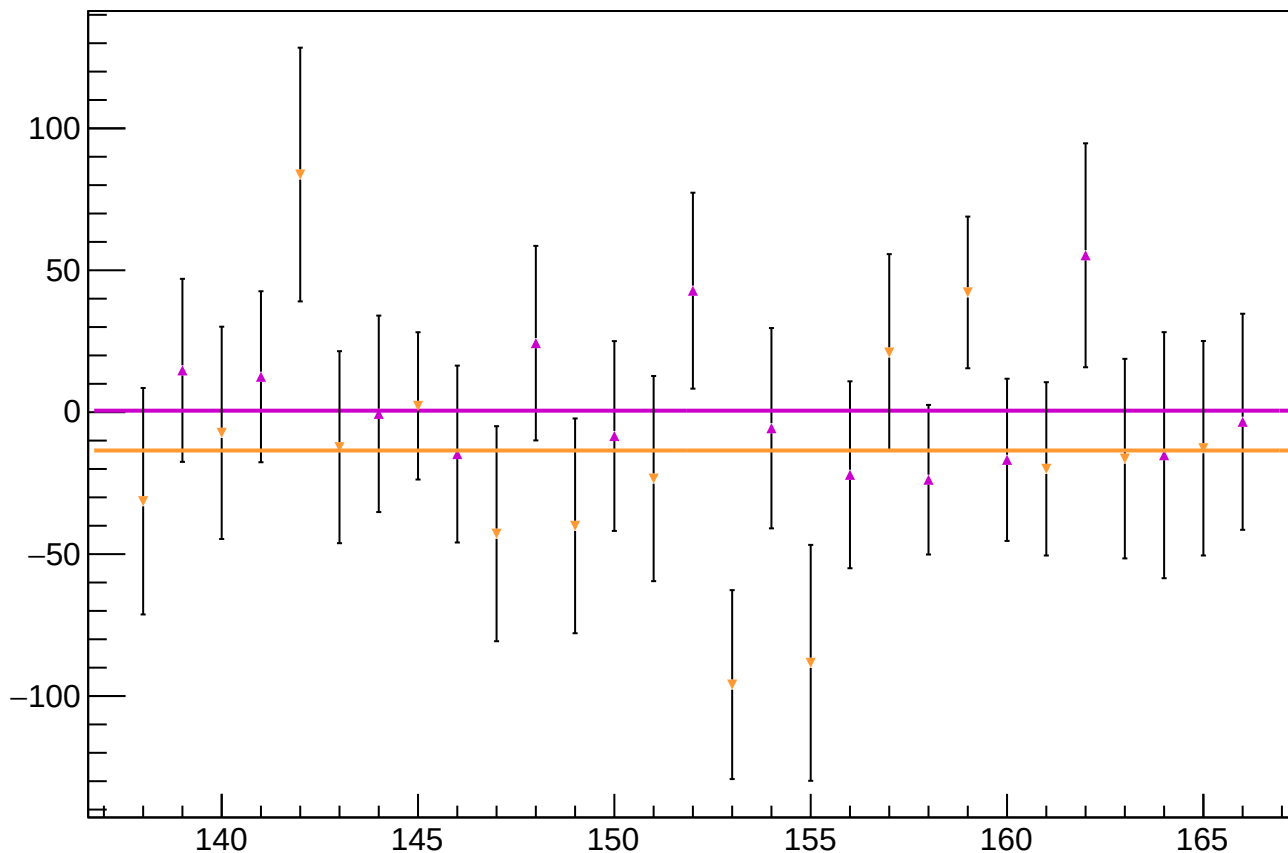
Left In: 752.487+/-0.164 χ^2/NDF : 651530.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 762.067+/-0.117 χ^2/NDF : 1321005.2/28

- 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: -13.493 $\pm$ 8.887 χ^2 /NDF:21.3/14

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

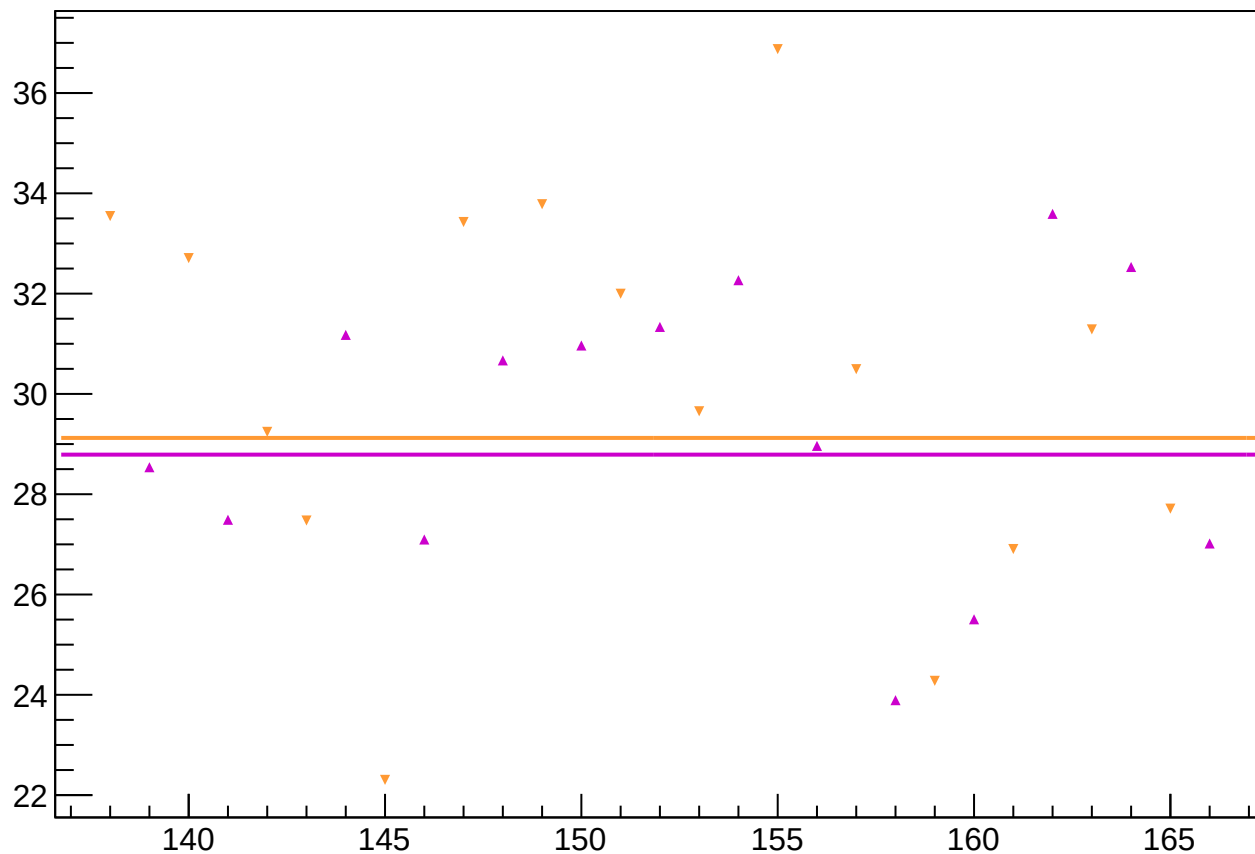
Left In: 0.541 $\pm$ 8.850 χ^2 /NDF:6.4/13

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

All: -6.446 $\pm$ 6.271 χ^2 /NDF: 28.9/28

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

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 29.123+/-0.006 χ^2/NDF : 414609.2/14

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

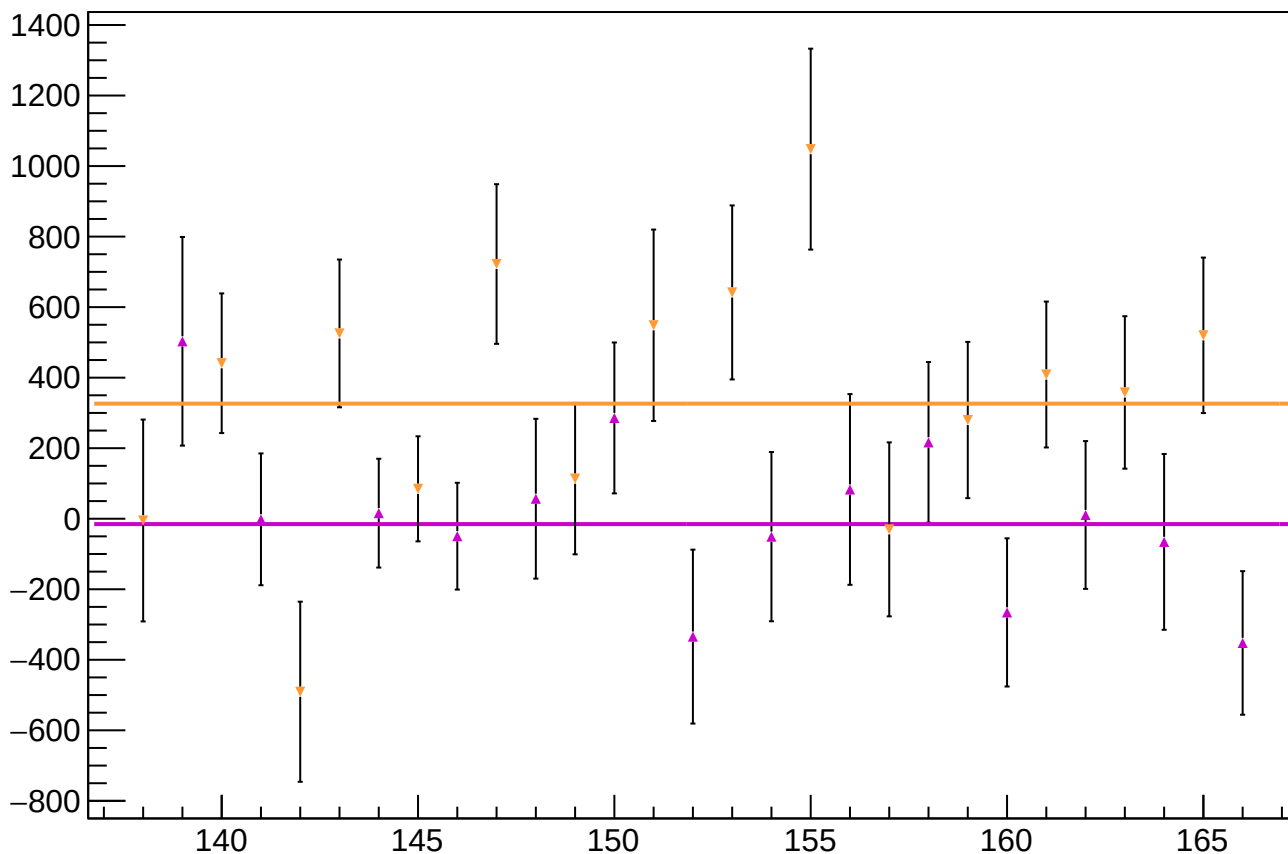
Left In: 28.789+/-0.006 χ^2/NDF : 208438.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.955+/-0.004 χ^2/NDF : 624460.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_mean vs Slug



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

Left Out: 326.329 $\pm$ 57.109 χ^2 /NDF:31.3/14

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

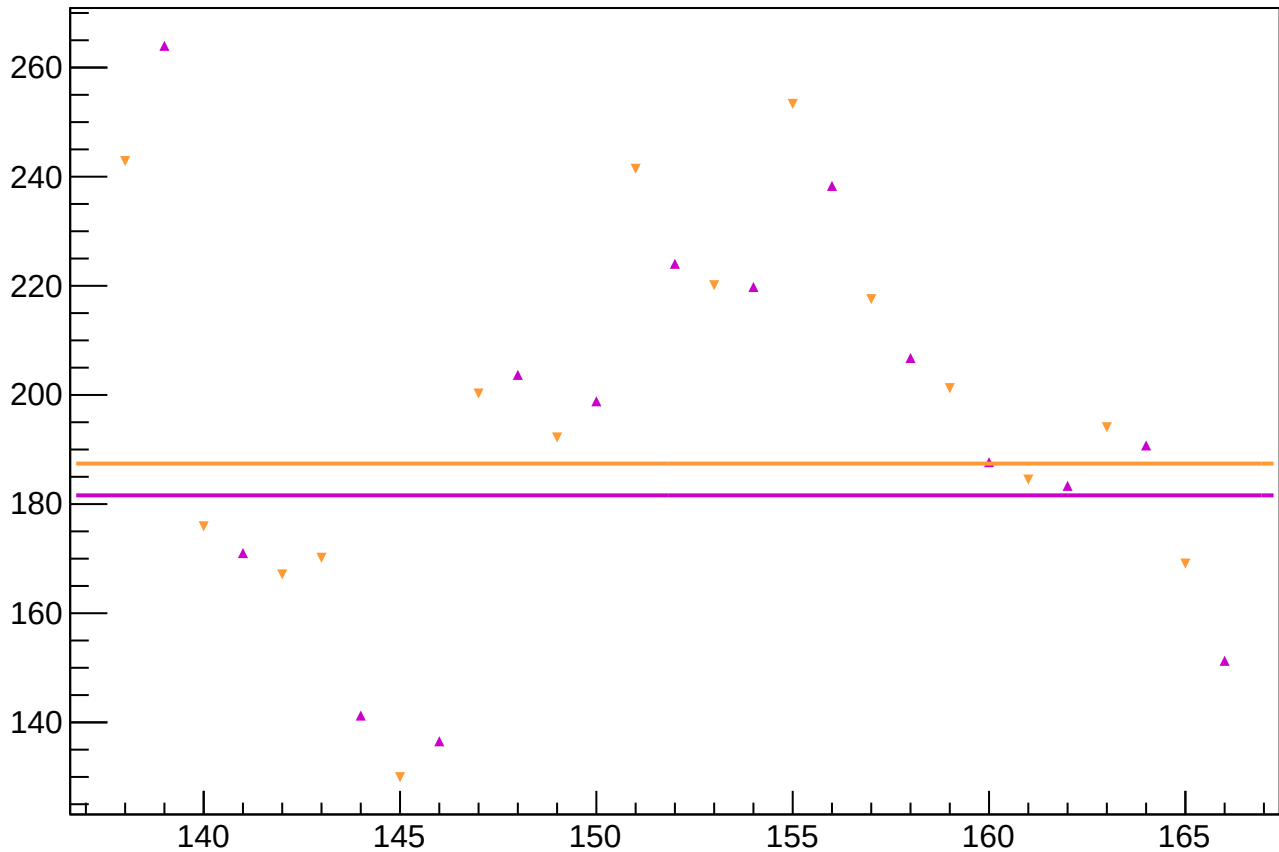
Left In: -15.198 $\pm$ 55.952 χ^2 /NDF:12.3/13

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

All: 152.072 $\pm$ 39.967 χ^2 /NDF: 61.9/28

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

asym_sam_1357_2468_dd_correction_rms vs Slug



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

Left Out: 187.418+/-0.040 χ^2/NDF : 688362.1/14

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

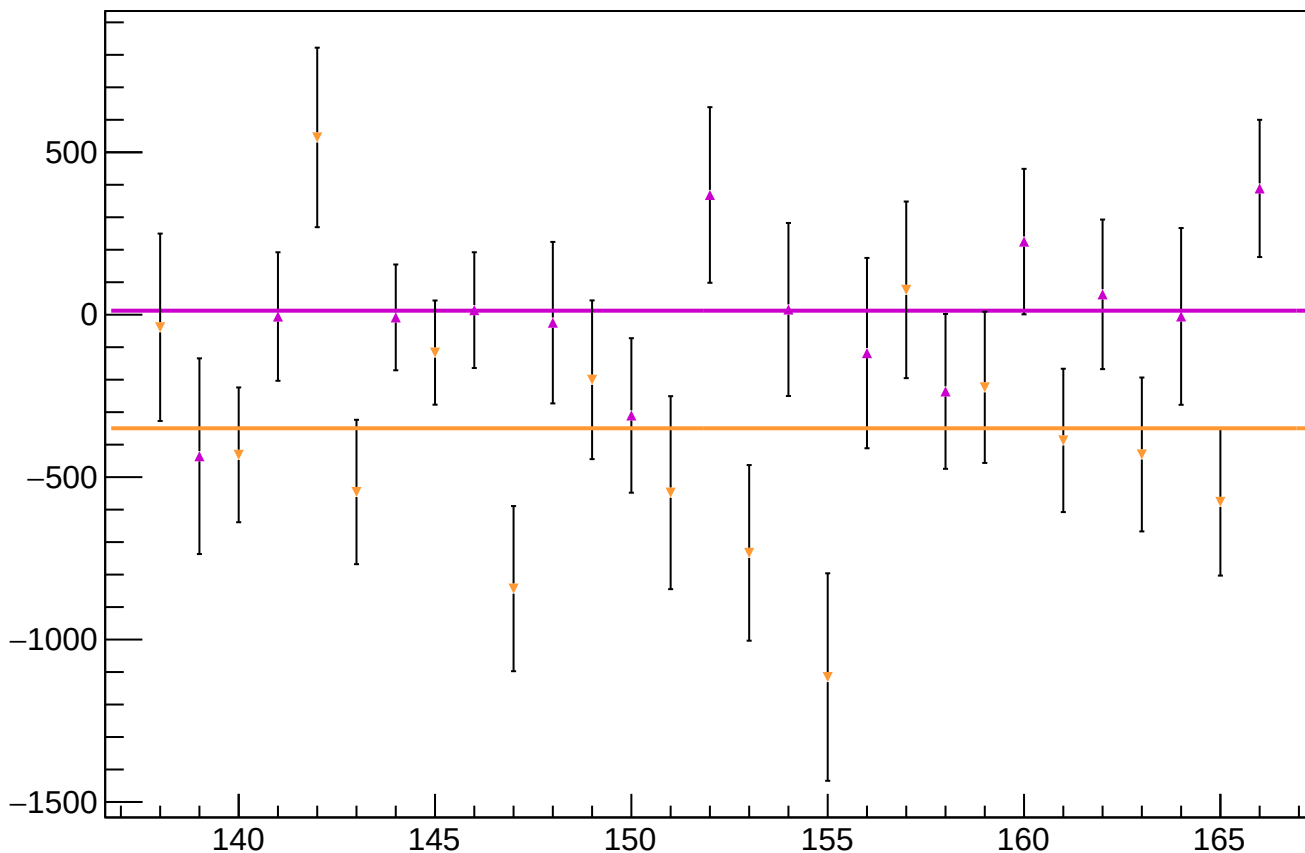
Left In: 181.600+/-0.040 χ^2/NDF : 778623.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.450+/-0.028 χ^2/NDF : 1477577.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -349.586 $\pm$ 61.510 χ^2 /NDF:31.0/14

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

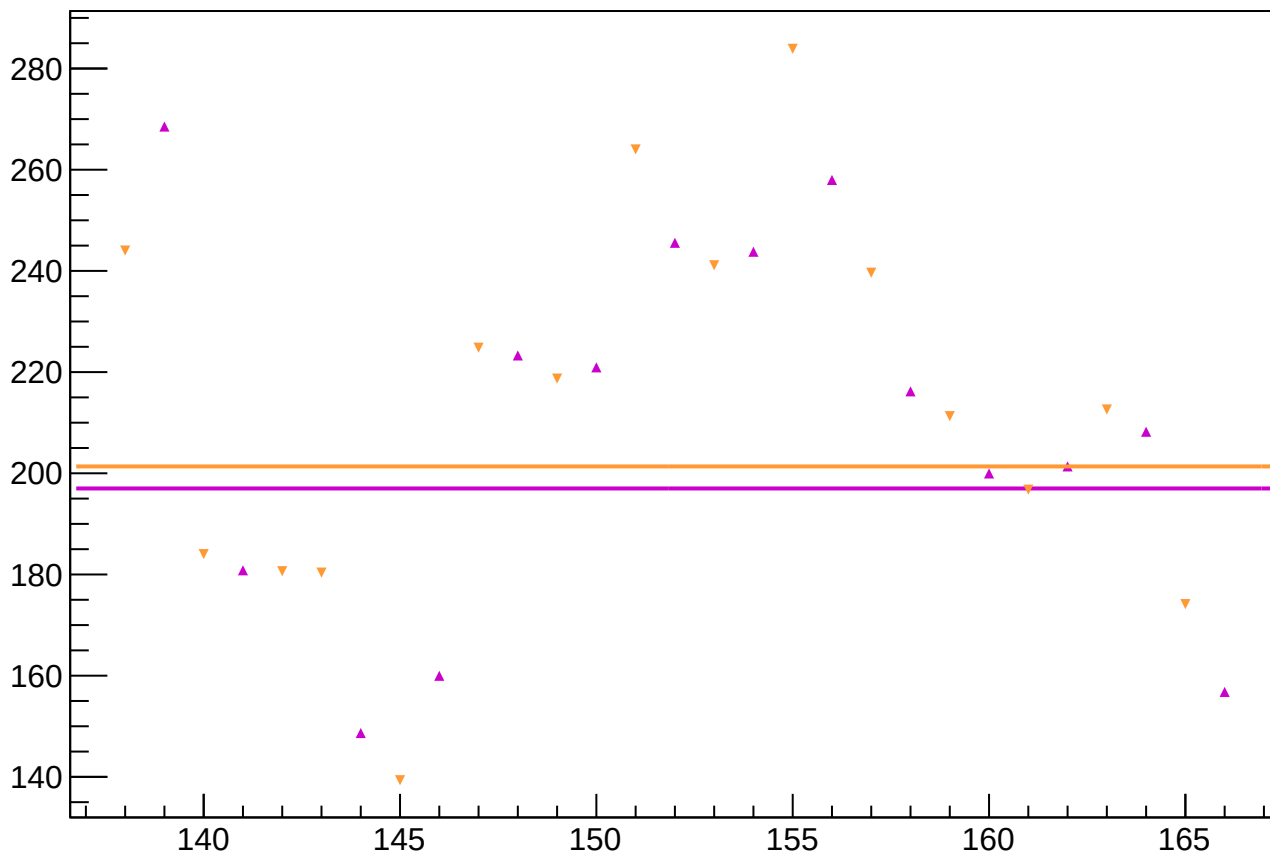
Left In: 12.398 $\pm$ 60.701 χ^2 /NDF:11.2/13

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

All: -166.199 $\pm$ 43.205 χ^2 /NDF: 59.7/28

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

asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 201.355+/-0.043 χ^2/NDF : 756354.6/14

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

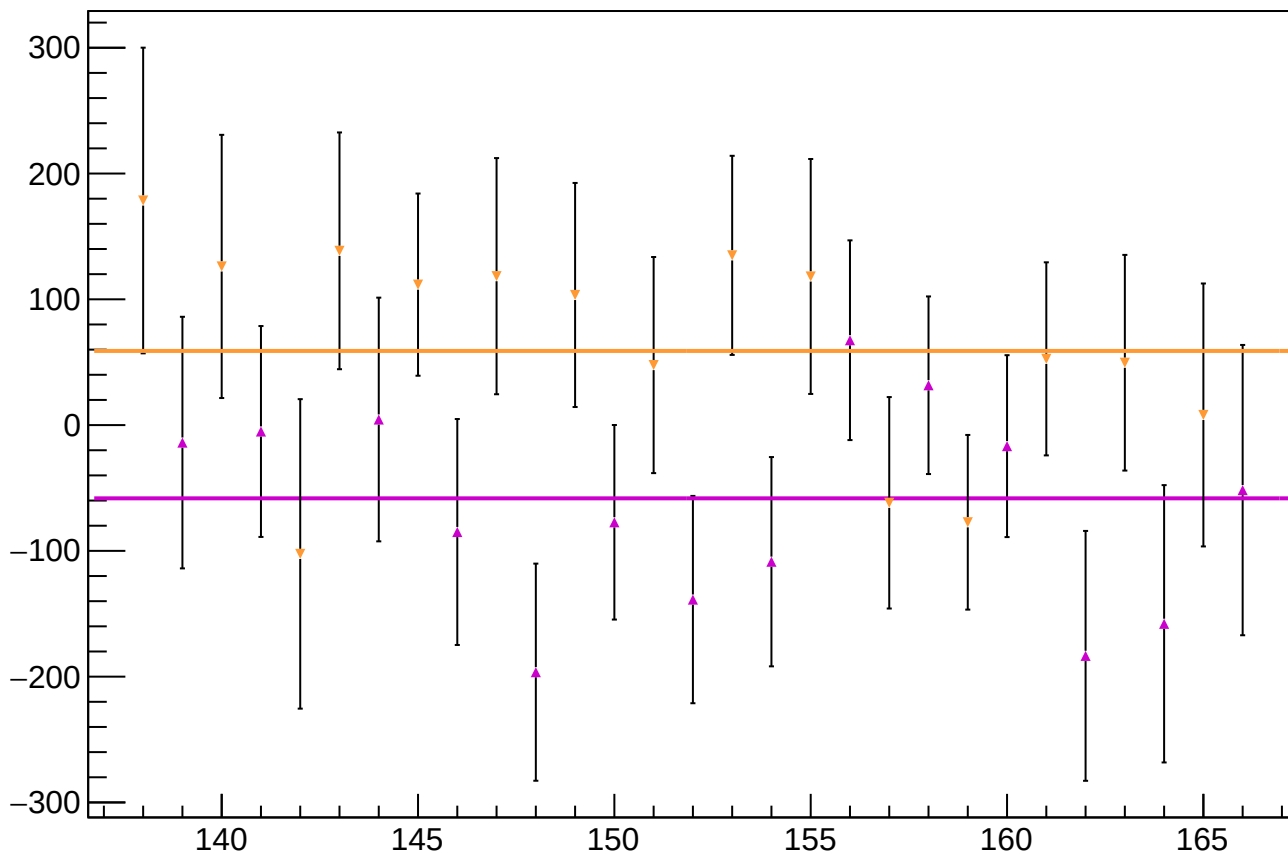
Left In: 197.000+/-0.043 χ^2/NDF : 734103.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.149+/-0.031 χ^2/NDF : 1495537.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 58.964 $\pm$ 22.797 χ^2 /NDF:12.5/14

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

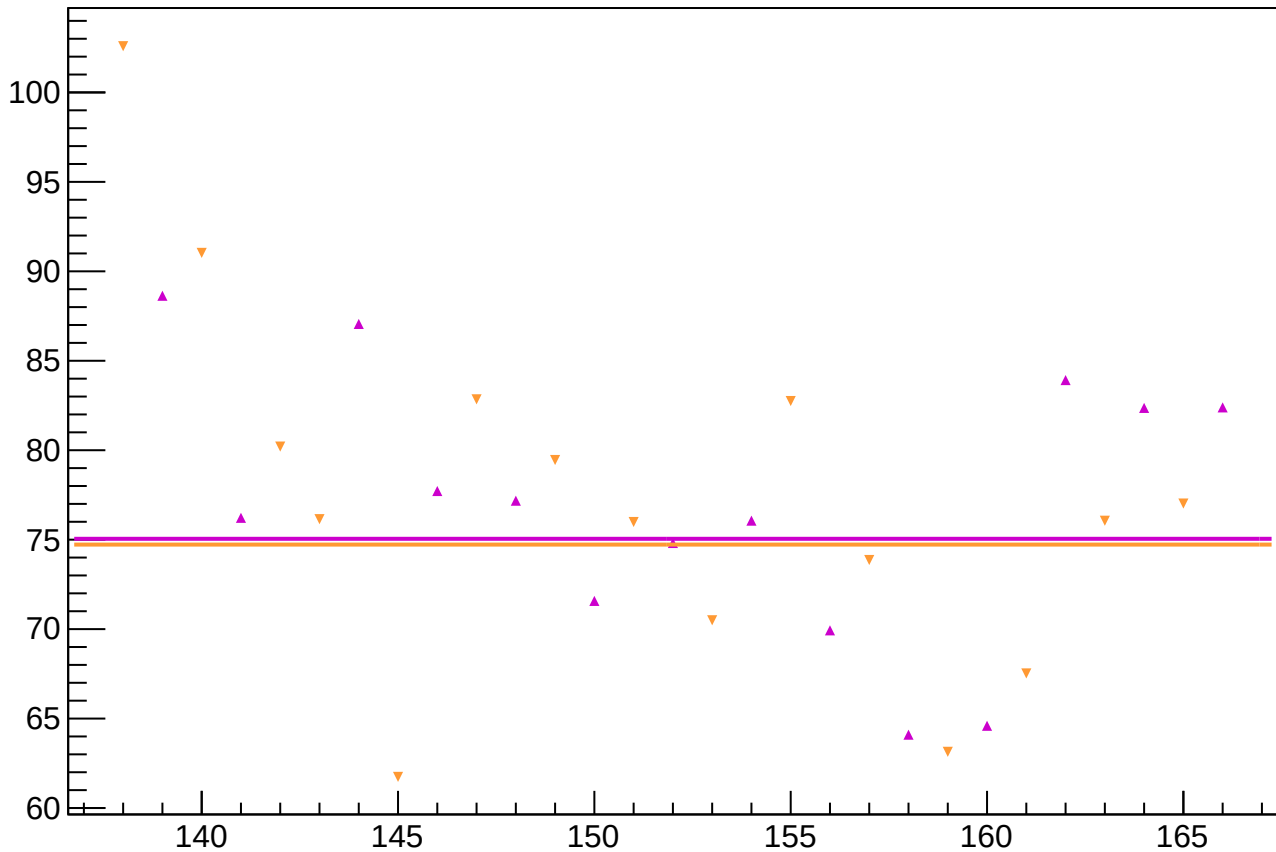
Left In: -58.234 $\pm$ 23.094 χ^2 /NDF:11.9/13

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

All: 1.122 $\pm$ 16.224 χ^2 /NDF: 37.5/28

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

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 74.725+/-0.016 χ^2/NDF : 338836.3/14

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

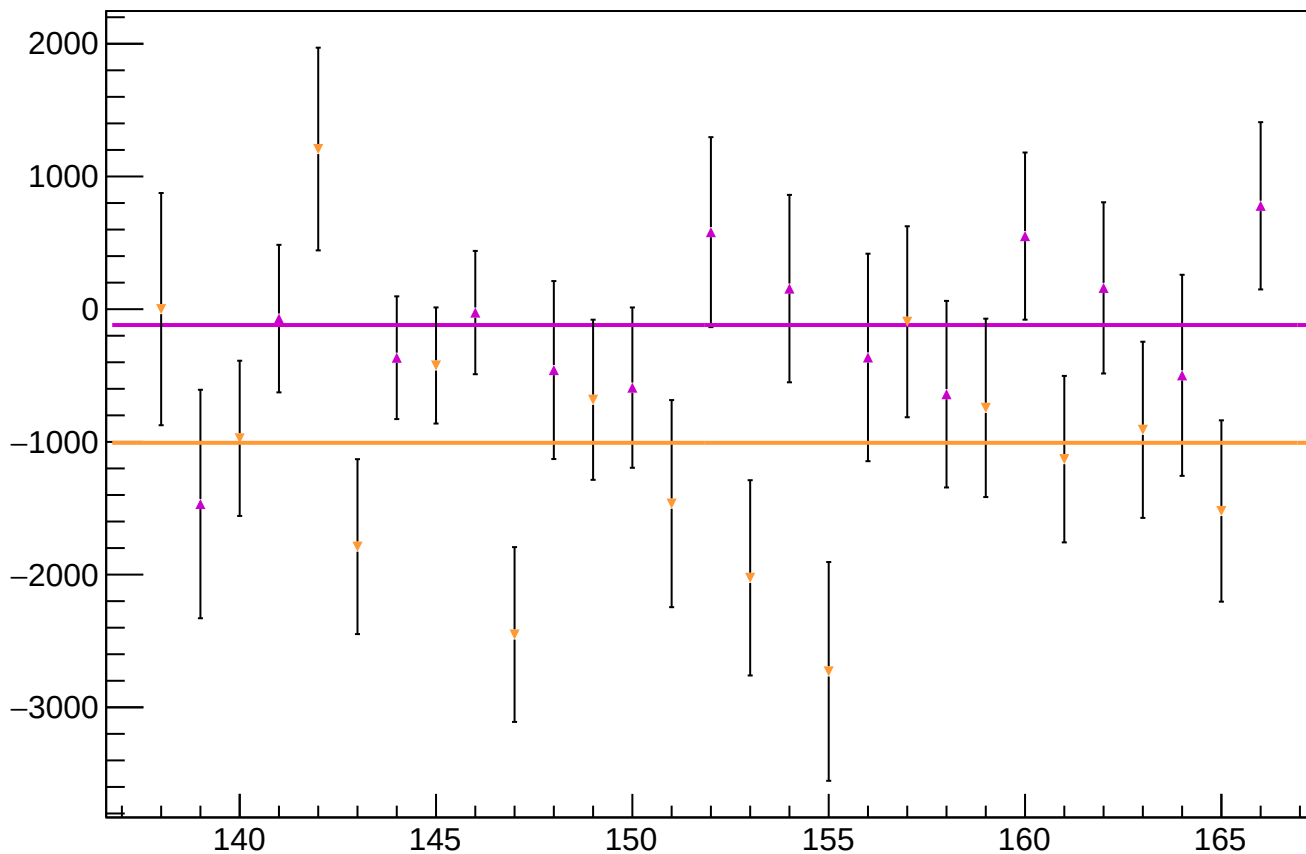
Left In: 75.049+/-0.016 χ^2/NDF : 206408.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.885+/-0.011 χ^2/NDF : 545443.1/28

- 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: -1006.861 $\pm$ 170.041 χ^2 /NDF: 27.0/14

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

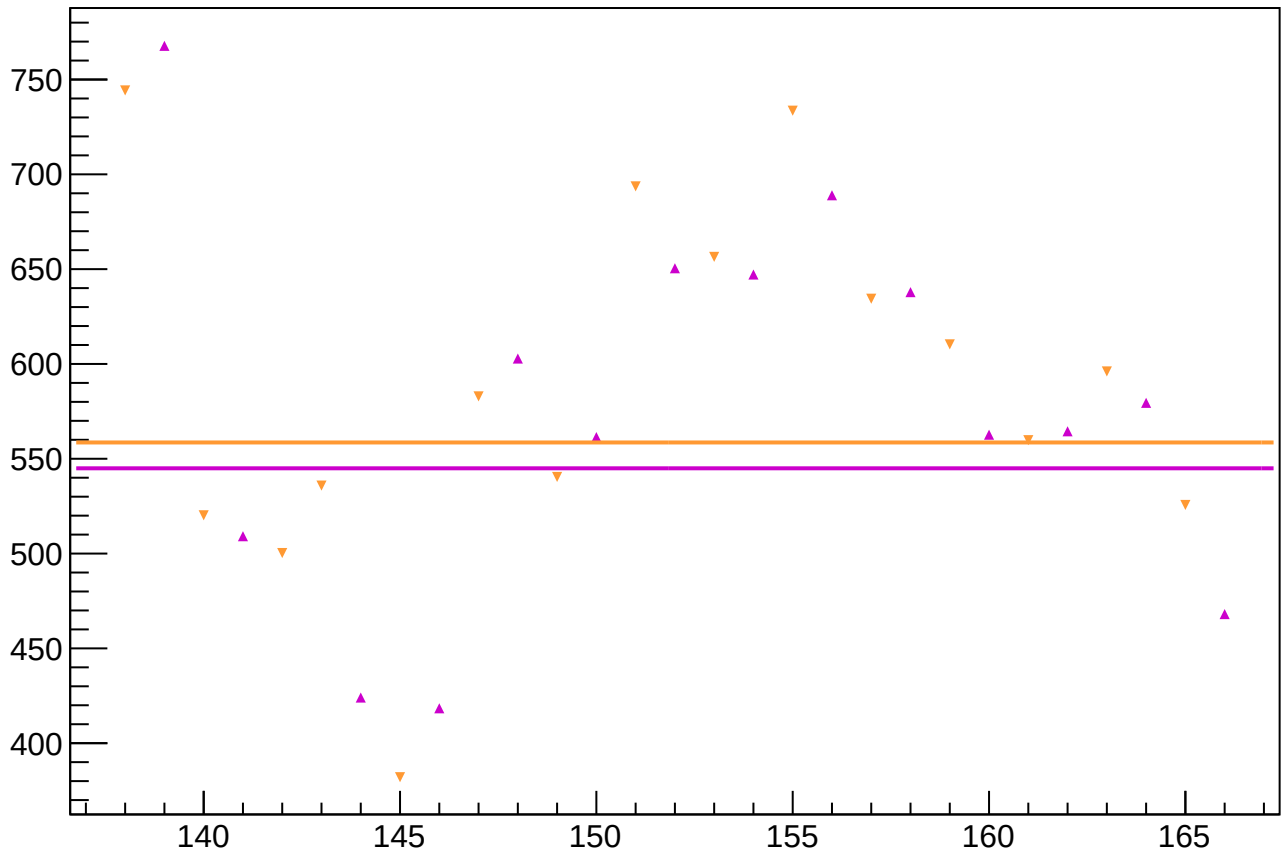
Left In: -119.372 $\pm$ 167.455 χ^2 /NDF: 9.0/13

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

All: -556.317 $\pm$ 119.313 χ^2 /NDF: 49.9/28

- 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: 558.594+/-0.120 χ^2/NDF : 673532.9/14

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

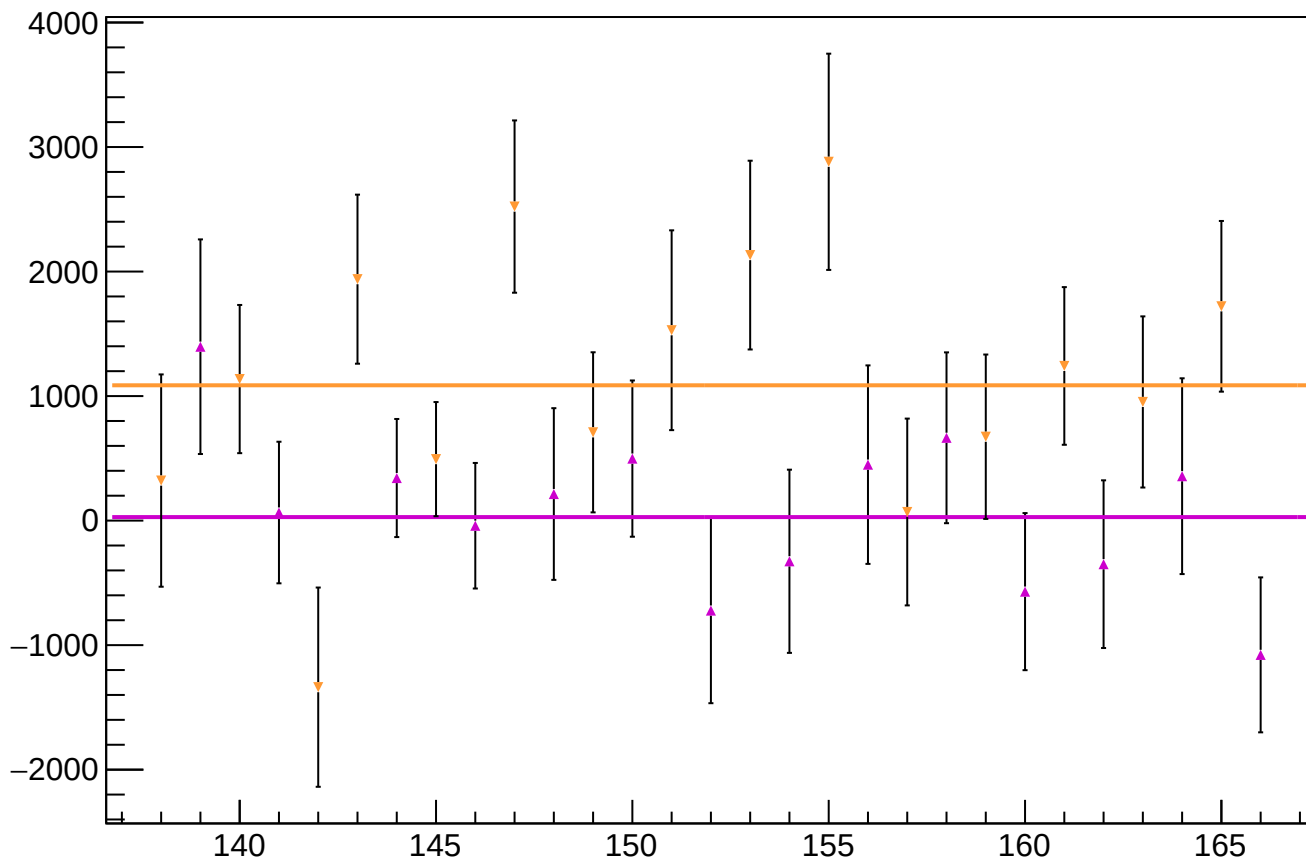
Left In: 544.964+/-0.118 χ^2/NDF : 669251.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.674+/-0.084 χ^2/NDF : 1349308.1/28

- 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: 1086.630+/-175.043 χ^2/NDF :27.6/14

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

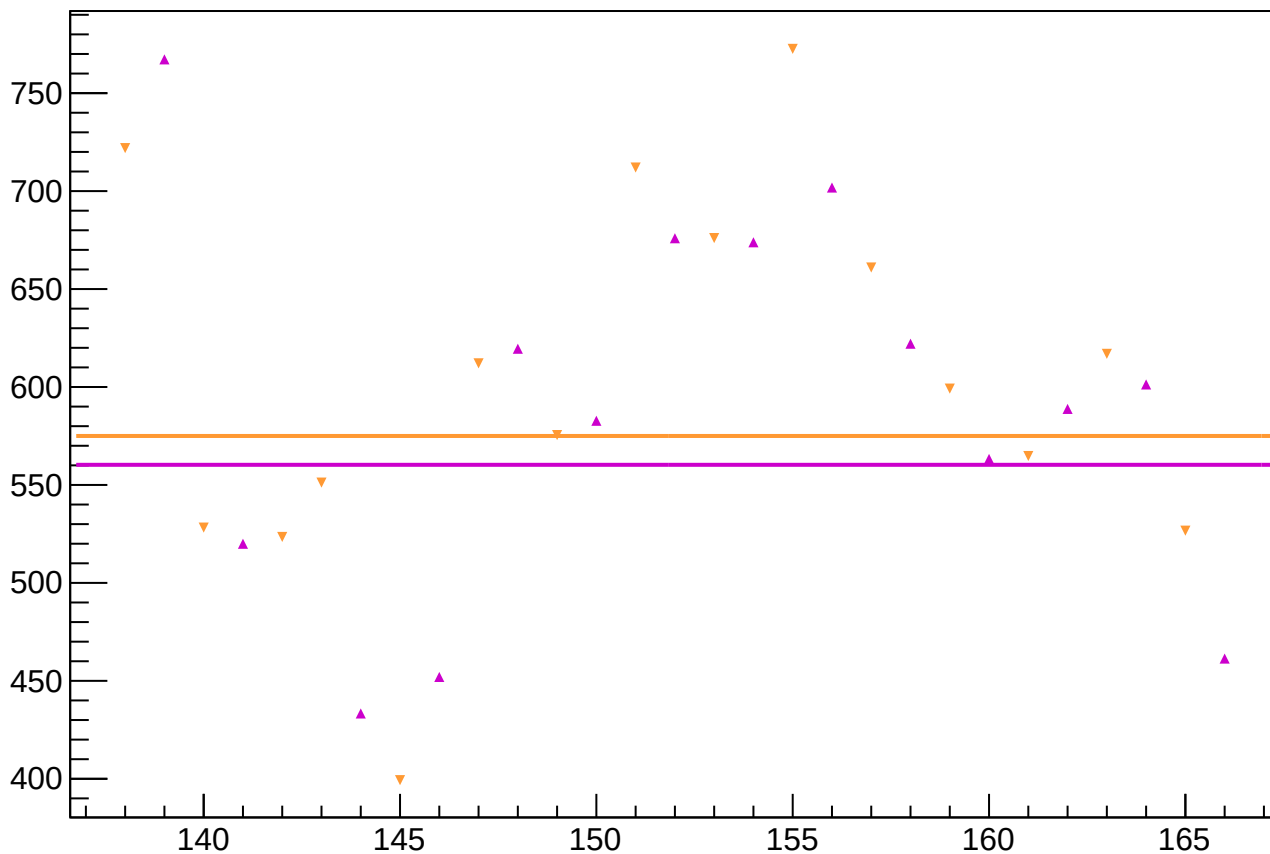
Left In: 28.279+/-172.149 χ^2/NDF :10.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.632+/-122.738 χ^2/NDF : 56.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_rms vs Slug



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

Left Out: 575.002+/-0.124 χ^2/NDF : 626468.6/14

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

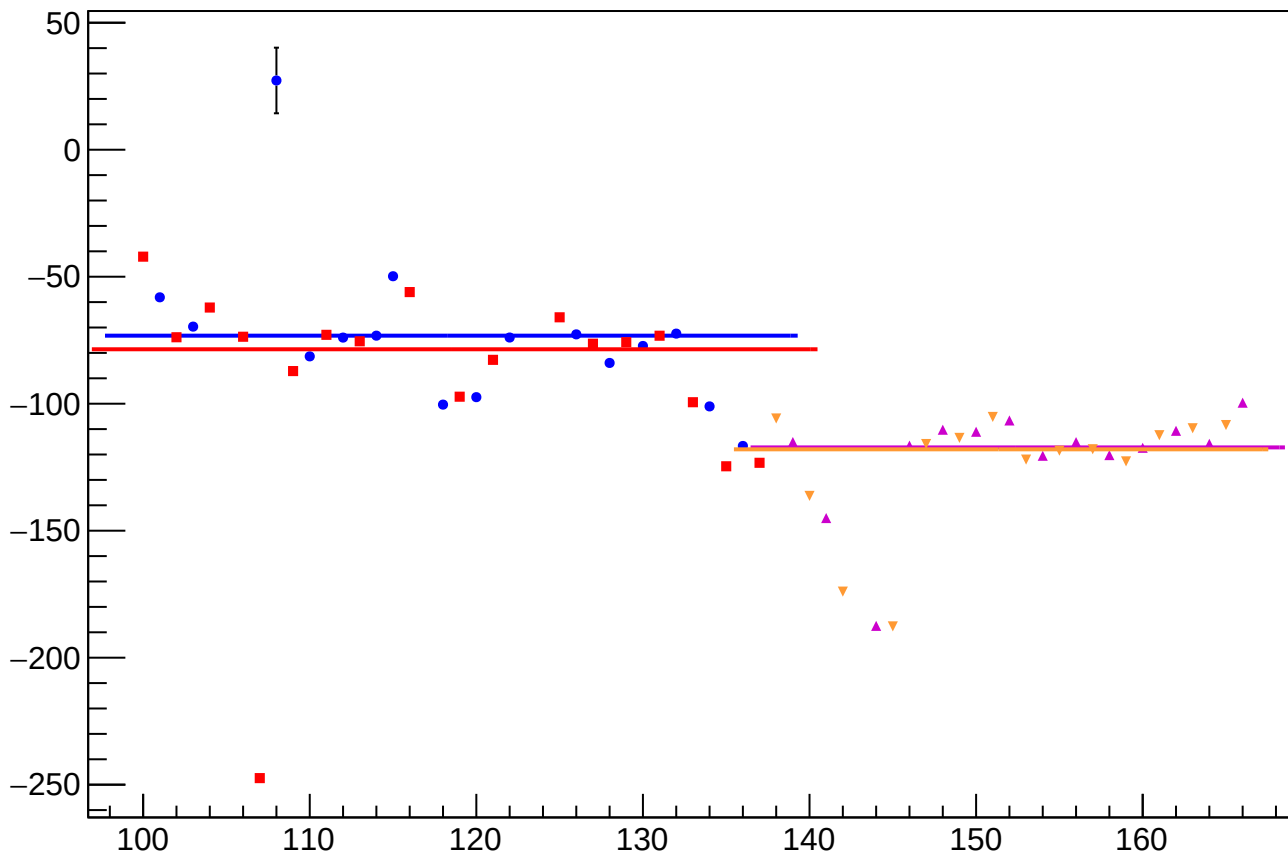
Left In: 560.278+/-0.122 χ^2/NDF : 613331.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.517+/-0.087 χ^2/NDF : 1246993.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -73.209 ± 0.000 χ^2/NDF : 127655.5/15

Left Out: -117.963 ± 0.072 χ^2/NDF : 25287.4/13

Right Out: -78.570 ± 0.093 χ^2/NDF : 52084.9/17

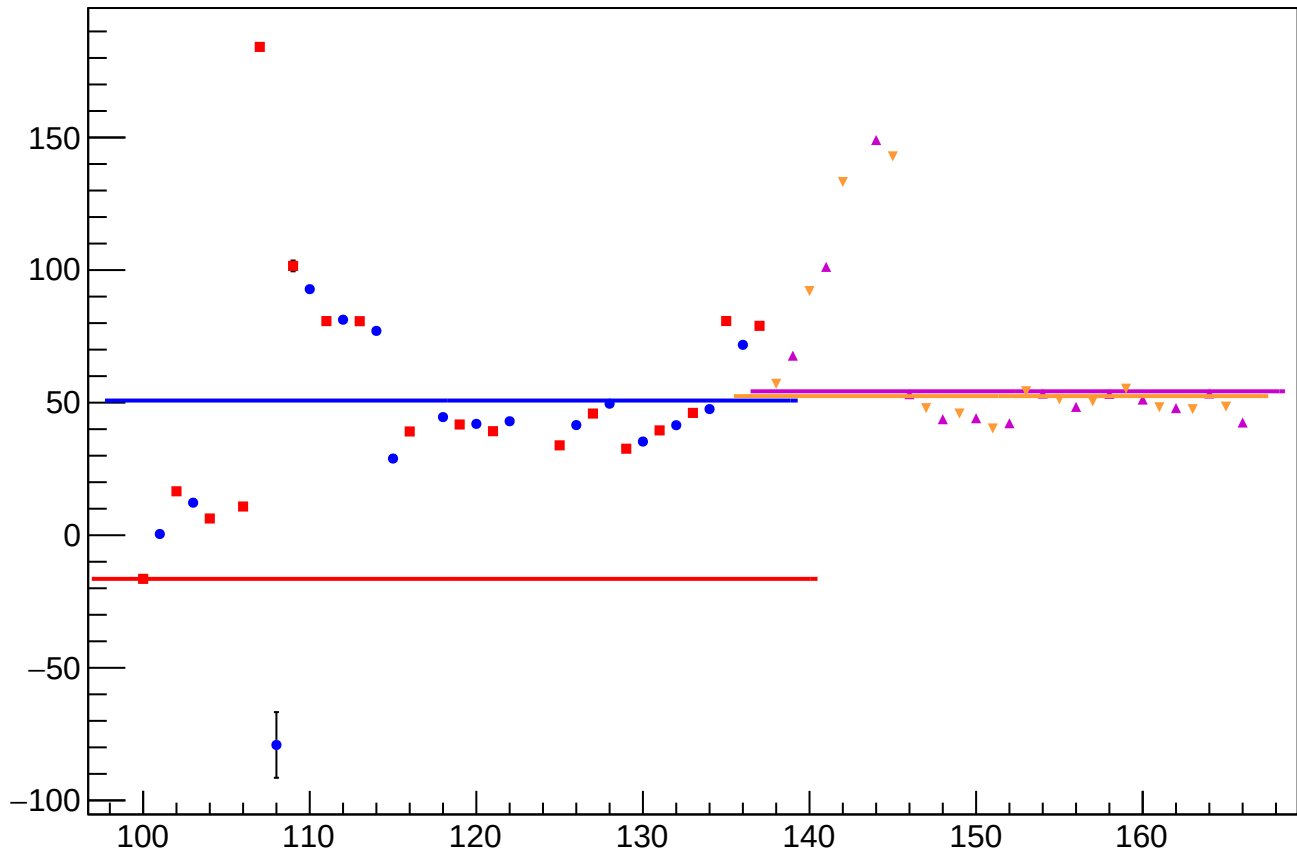
Left In: -117.207 ± 0.066 χ^2/NDF : 60305.3/13

+ sign -73.209 ± 0.000 χ^2/NDF : 544549.0/29

All: -73.209 ± 0.000 χ^2/NDF : 1099874.8/61

- sign -104.160 ± 0.054 χ^2/NDF : 226873.4/31

dit_usl_4eX_slope vs Slug



Right In: 50.796+/-0.074 χ^2/NDF : 89943.6/15

Left Out: 52.461+/-0.059 χ^2/NDF : 43202.3/13

Right Out: -16.452+/-0.000 χ^2/NDF : 455268.5/17

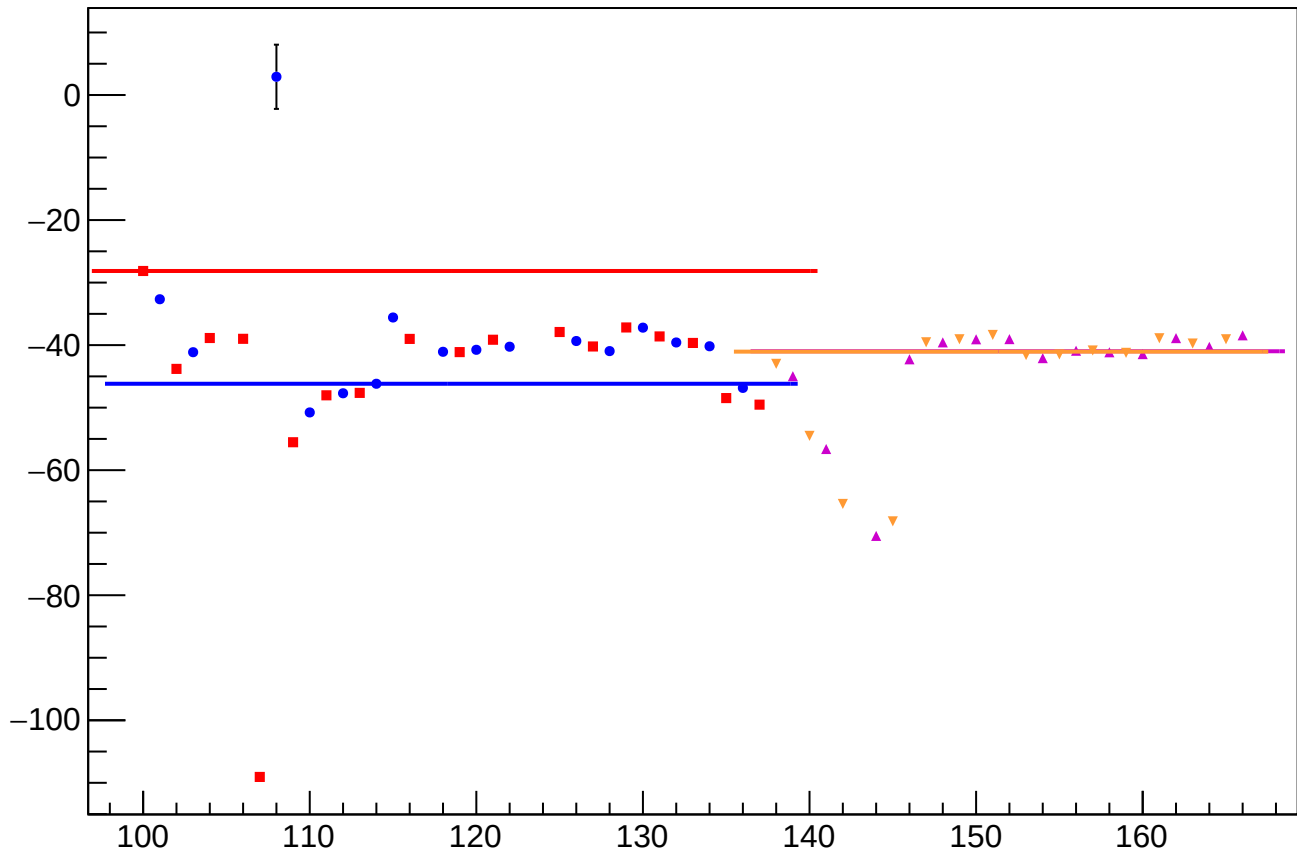
Left In: 54.281+/-0.057 χ^2/NDF : 118080.5/13

+ sign 51.820+/-0.046 χ^2/NDF : 133455.4/29

All: -16.452+/-0.000 χ^2/NDF : 4445907.2/61

- sign -16.452+/-0.000 χ^2/NDF : 2116256.7/31

dit_usl_11X12X_slope vs Slug



Right In: -46.180 ± 0.000 χ^2/NDF : 472878.7/15

Left Out: -41.043 ± 0.008 χ^2/NDF : 78645.2/13

Right Out: -28.144 ± 0.000 χ^2/NDF : 717935.6/17

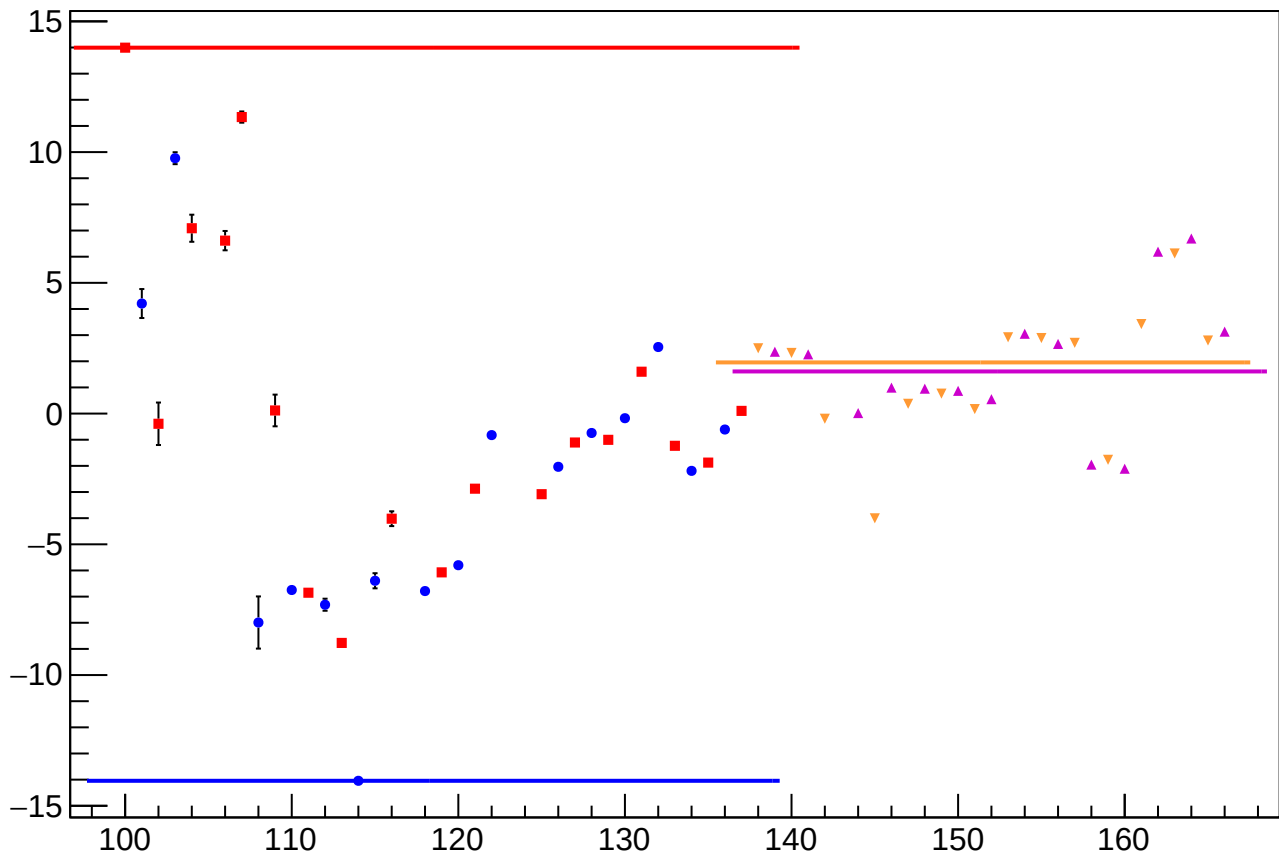
Left In: -40.983 ± 0.009 χ^2/NDF : 151747.4/13

+ sign -46.180 ± 0.000 χ^2/NDF : 935083.2/29

All: -33.813 ± 0.000 χ^2/NDF : 539977182263

- sign -28.144 ± 0.000 χ^2/NDF : 2732442.6/31

dit_usl_4aY_slope vs Slug



Right In: -14.044 ± 0.000 χ^2/NDF : 759846.3/15

Left Out: 1.957 ± 0.009 χ^2/NDF : 67687.0/13

Right Out: 13.994 ± 0.000 χ^2/NDF : 389892.9/17

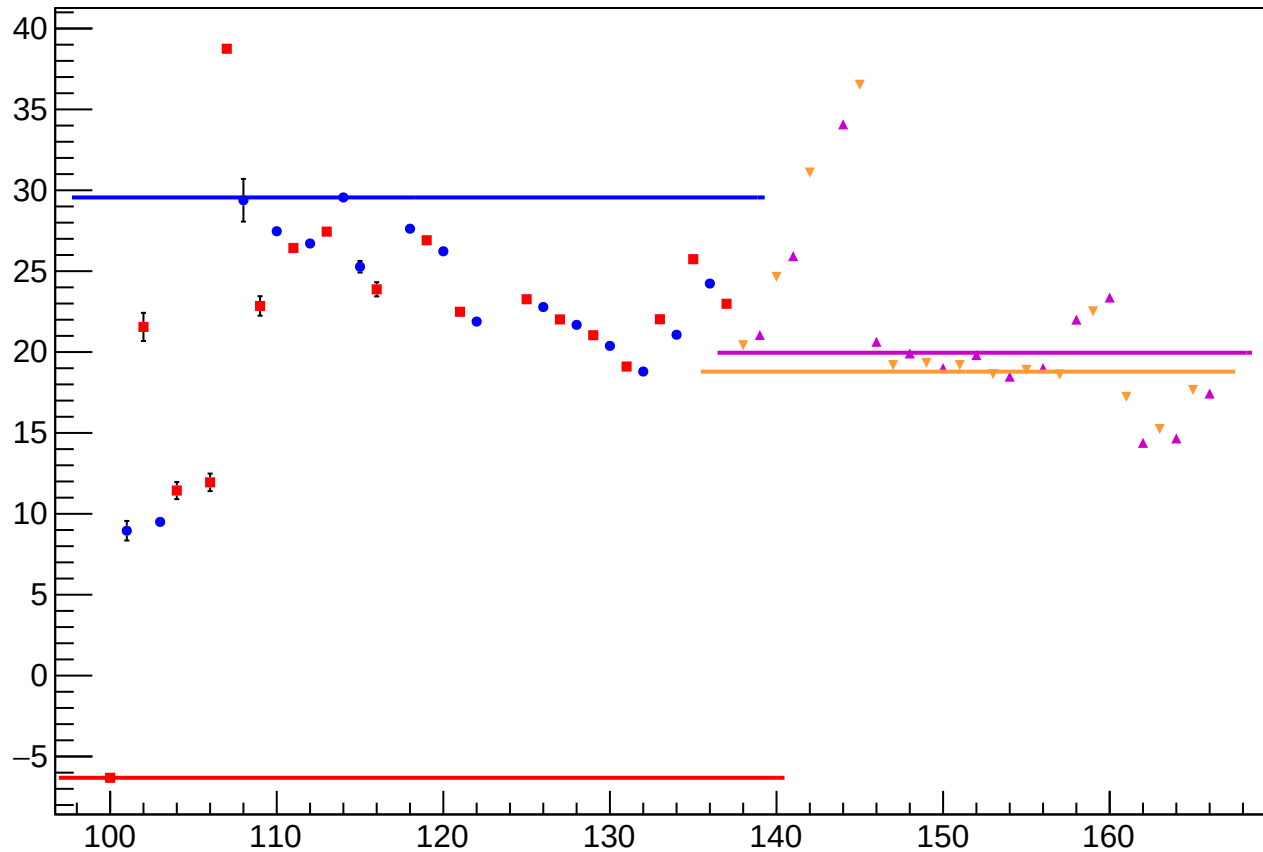
Left In: 1.611 ± 0.008 χ^2/NDF : 78073.2/13

+ sign -14.044 ± 0.000 χ^2/NDF : 3849133.4/29

All: 5.182 ± 0.000 χ^2/NDF : 4697963324518

- sign 13.994 ± 0.000 χ^2/NDF : 2656189.2/31

dit_usl_4eY_slope vs Slug



Right In: 29.557 $\pm$ 0.000 χ^2 /NDF: 88755.1/15

Left Out: 18.790 $\pm$ 0.009 χ^2 /NDF: 53385.6/13

Right Out: -6.317 $\pm$ 0.000 χ^2 /NDF: 1630502.4/17

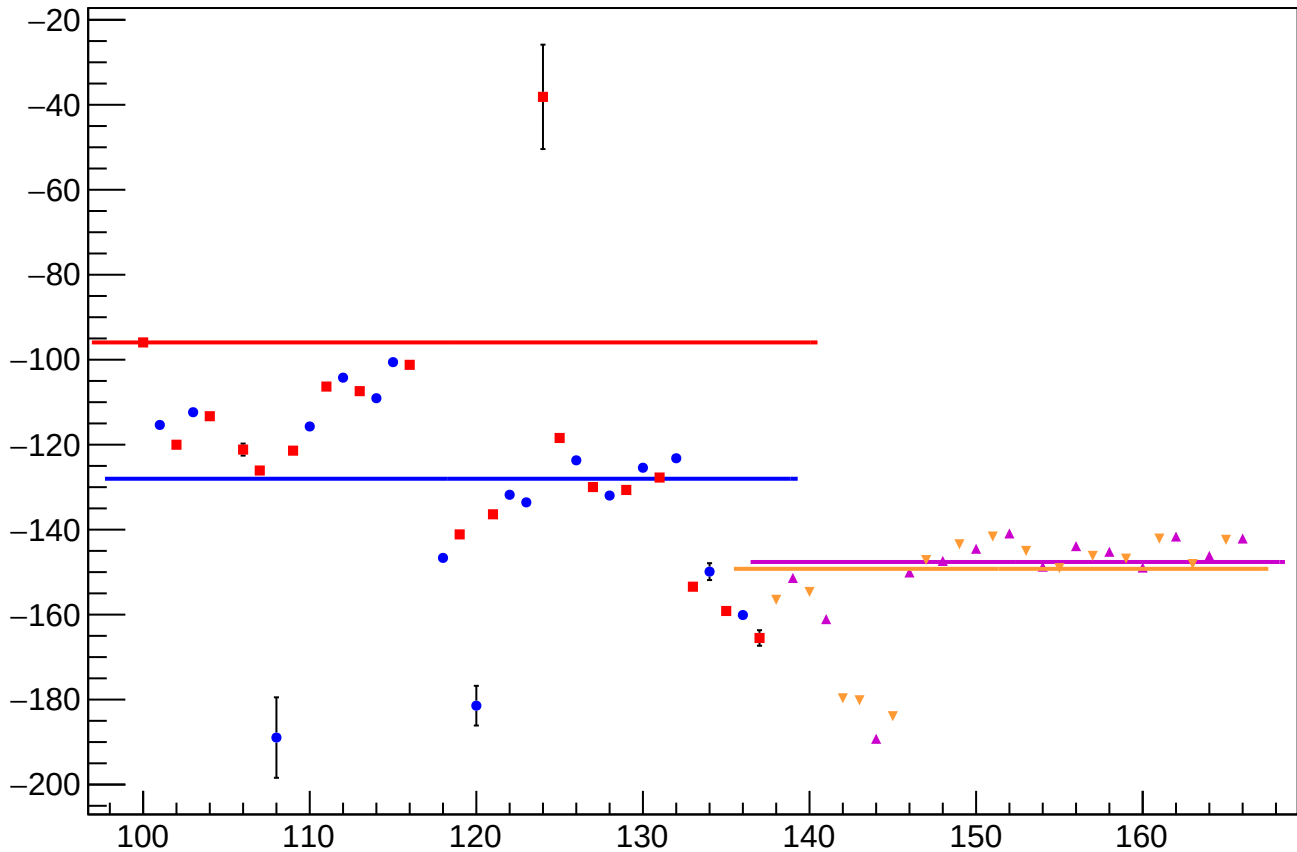
Left In: 19.959 $\pm$ 0.009 χ^2 /NDF: 89239.0/13

+ sign 29.557 $\pm$ 0.000 χ^2 /NDF: 1478675.0/29

All: -2.629 $\pm$ 0.000 χ^2 /NDF: 1006300357398

- sign -6.317 $\pm$ 0.000 χ^2 /NDF: 11276080.3/31

dit_usr_4aX_slope vs Slug



Right In: -128.021+/-0.098 χ^2/NDF : 38162.5/16

Left Out: -149.224+/-0.060 χ^2/NDF : 28437.7/14

Right Out: -95.934+/-0.000 χ^2/NDF : 168284.2/18

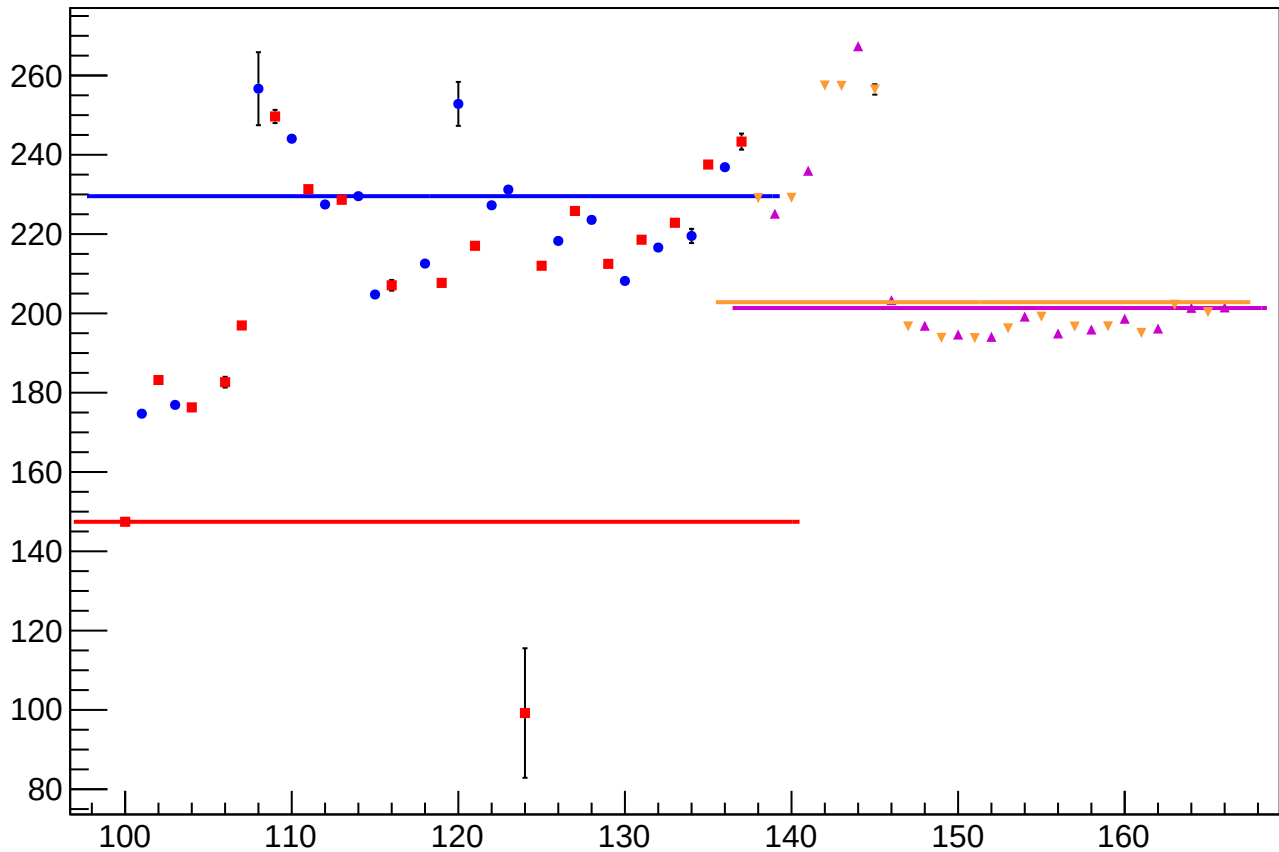
Left In: -147.612+/-0.057 χ^2/NDF : 22608.7/13

+ sign -143.451+/-0.051 χ^2/NDF : 100470.8/31

All: -95.934+/-0.000 χ^2/NDF : 1967025.2/64

- sign -95.934+/-0.000 χ^2/NDF : 1007986.5/32

dit_usr_4eX_slope vs Slug



Right In: 229.560 $\pm$ 0.000 χ^2 /NDF: 37813.1/16

Left Out: 202.826 $\pm$ 0.050 χ^2 /NDF:103333.0/14

Right Out: 147.445 $\pm$ 0.000 χ^2 /NDF: 546753.3/18

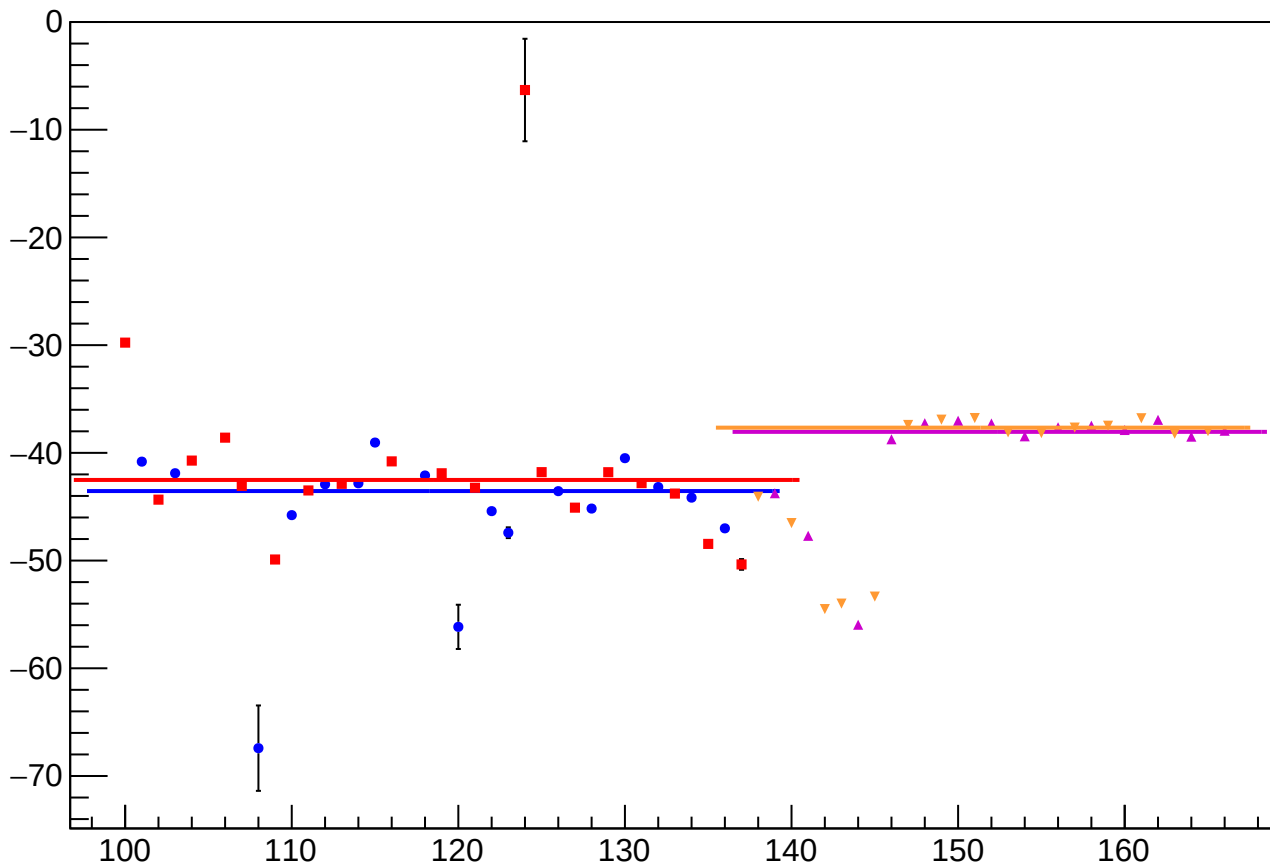
Left In: 201.350 $\pm$ 0.049 χ^2 /NDF:76146.4/13

+ sign 229.560 $\pm$ 0.000 χ^2 /NDF: 429689.1/31

All: 173.253 $\pm$ 0.000 χ^2 /NDF: 157405034293

- sign 147.445 $\pm$ 0.000 χ^2 /NDF: 1845492.6/32

dit_usr_11X12X_slope vs Slug



Right In: -43.546 ± 0.023 $\chi^2/\text{NDF}: 12997.3/16$

Left Out: -37.659 ± 0.005 $\chi^2/\text{NDF}: 240931.8/14$

Right Out: -42.515 ± 0.021 $\chi^2/\text{NDF}: 7216.9/18$

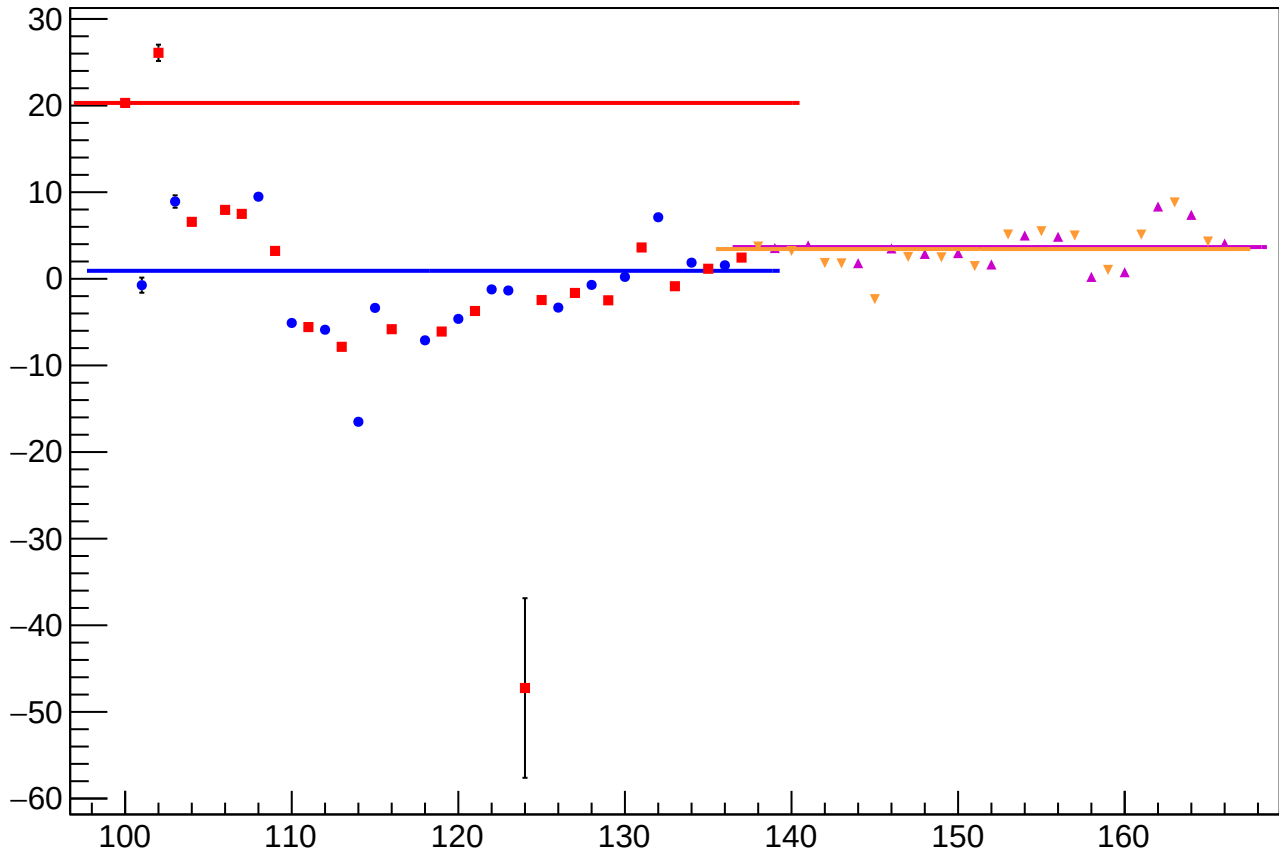
Left In: -38.050 ± 0.005 $\chi^2/\text{NDF}: 132991.5/13$

+ sign -37.880 ± 0.004 $\chi^2/\text{NDF}: 317153.1/31$

All: -38.069 ± 0.003 $\chi^2/\text{NDF}: 504805.7/64$

- sign -38.299 ± 0.005 $\chi^2/\text{NDF}: 183654.1/32$

dit_usr_4aY_slope vs Slug



Right In: 0.923 ± 0.020 $\chi^2/\text{NDF}: 21353.5/16$

Left Out: 3.437 ± 0.009 $\chi^2/\text{NDF}: 73102.1/14$

Right Out: 20.304 ± 0.000 $\chi^2/\text{NDF}: 918407.4/18$

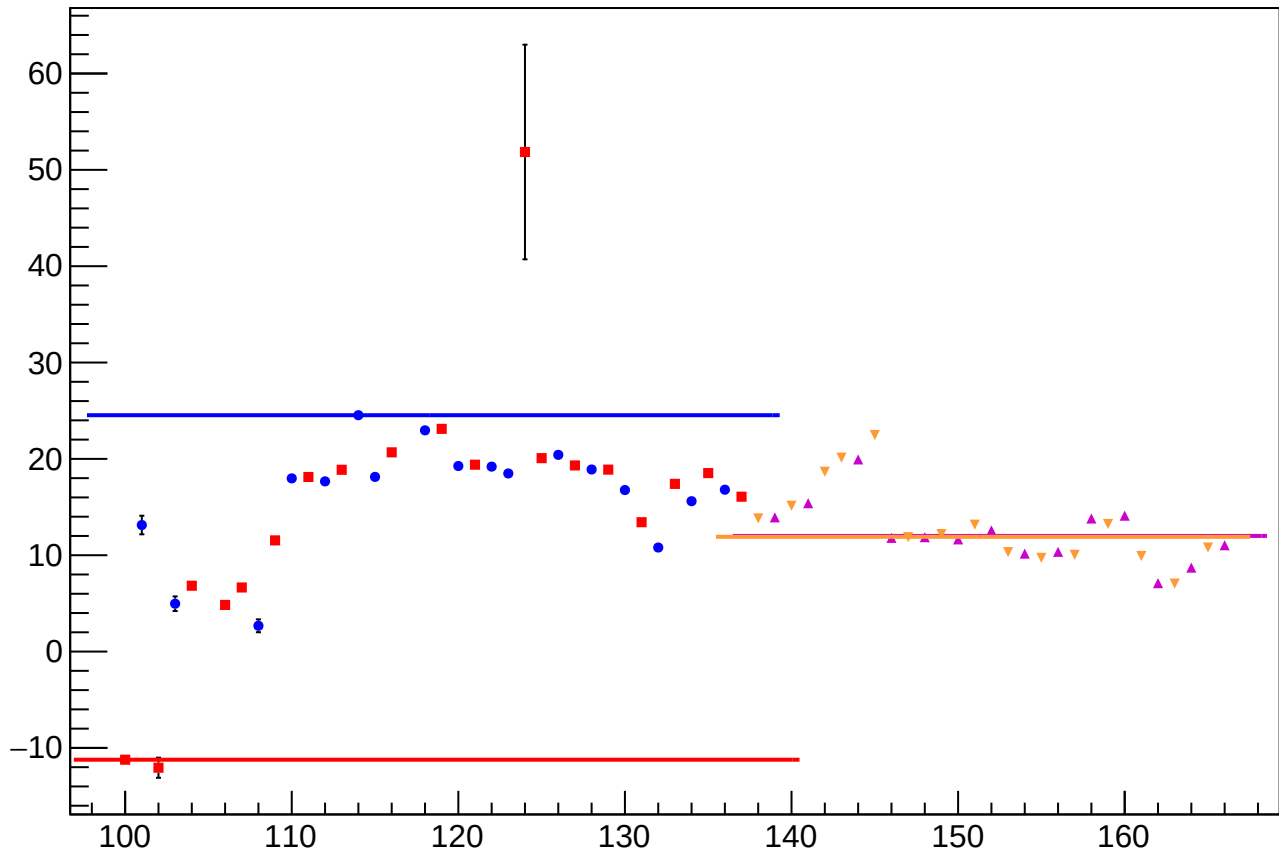
Left In: 3.666 ± 0.008 $\chi^2/\text{NDF}: 62646.6/13$

+ sign 3.049 ± 0.008 $\chi^2/\text{NDF}: 107558.6/31$

All: 20.304 ± 0.000 $\chi^2/\text{NDF}: 9795219.0/64$

- sign 20.304 ± 0.000 $\chi^2/\text{NDF}: 4957984.3/32$

dit_usr_4eY_slope vs Slug



Right In: 24.533+/-0.000 χ^2/NDF : 119839.5/16

Left Out: 11.911+/-0.010 χ^2/NDF : 82432.5/14

Right Out: -11.224+/-0.000 χ^2/NDF : 2204048.4/18

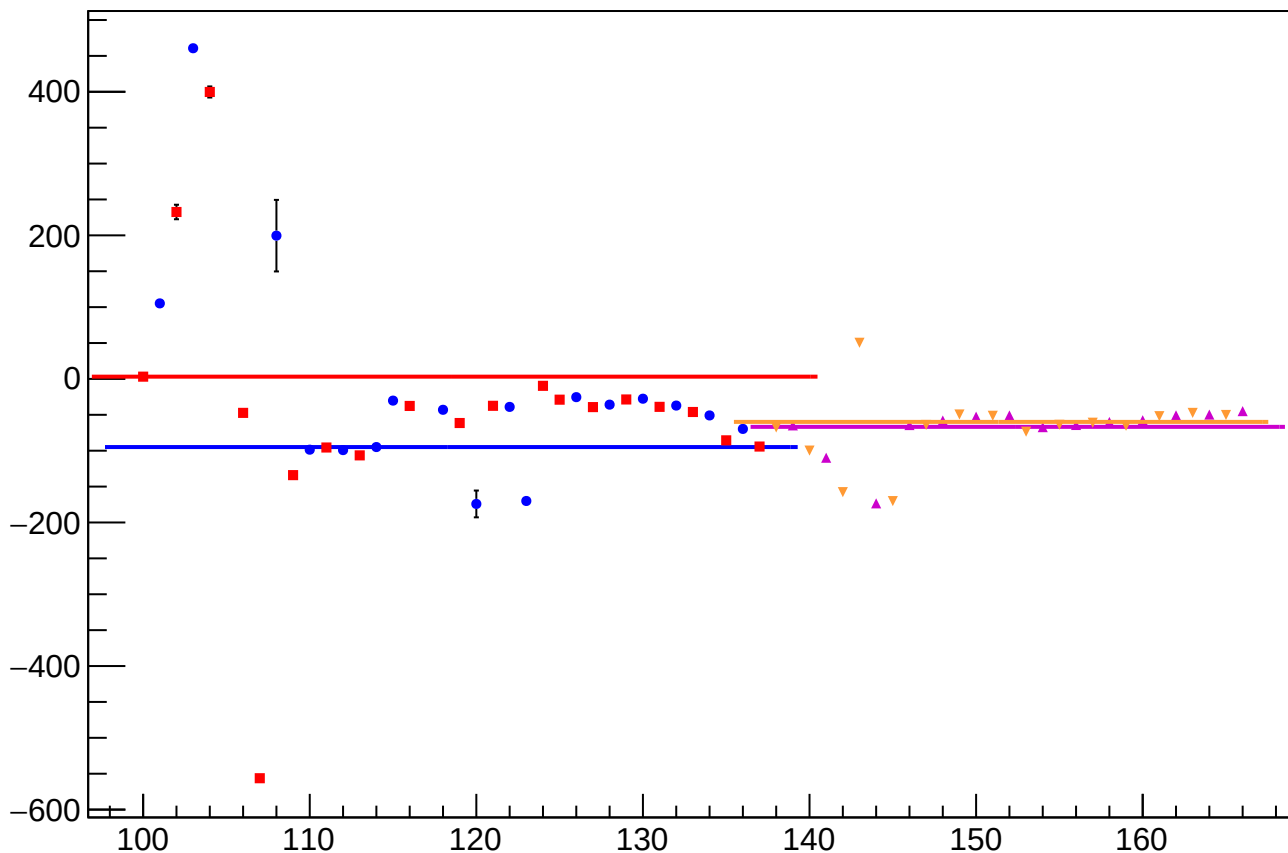
Left In: 12.004+/-0.010 χ^2/NDF : 45462.4/13

+ sign 24.533+/-0.000 χ^2/NDF : 1782312.5/31

All: -7.548+/-0.000 χ^2/NDF : 2499340702901

- sign -11.224+/-0.000 χ^2/NDF : 7295591.9/32

dit_atl1_4aX_slope vs Slug



Right In: -94.927+/-0.000 χ^2/NDF : 718777.6/16

Left Out: -59.865+/-0.120 χ^2/NDF : 42749.3/14

Right Out: 3.148+/-0.000 χ^2/NDF : 61196784.3/18

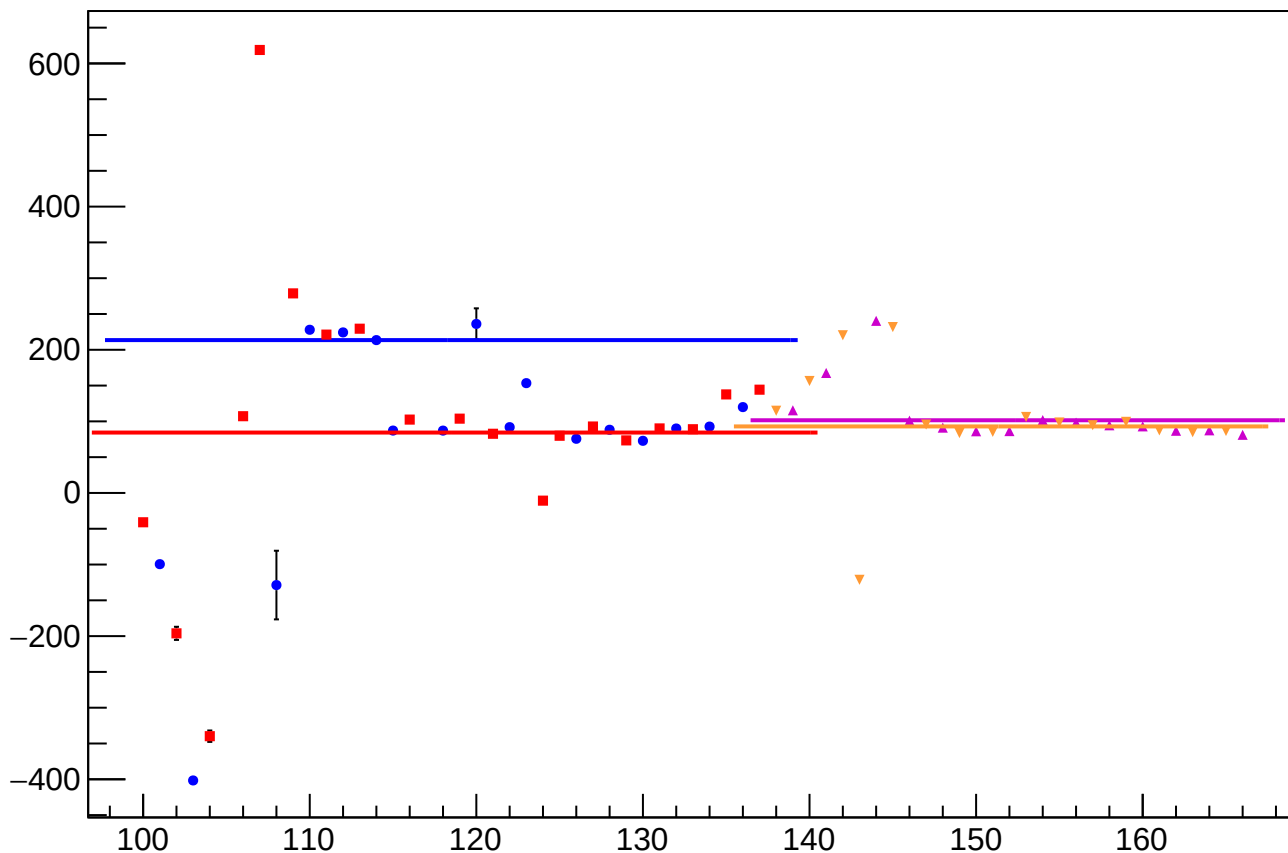
Left In: -66.781+/-0.139 χ^2/NDF : 39708.3/13

+ sign -94.927+/-0.000 χ^2/NDF : 846455.1/31

All: 2.973+/-0.000 χ^2/NDF : 52299232074263

- sign 3.148+/-0.000 χ^2/NDF : 61488642.4/32

dit_atl1_4eX_slope vs Slug



Right In: 213.523 $\pm$ 0.000 χ^2 /NDF: 2690617.8/16

Left Out: 92.936 $\pm$ 0.101 χ^2 /NDF:151179.5/14

Right Out: 84.377 $\pm$ 0.176 χ^2 /NDF: 227868.3/18

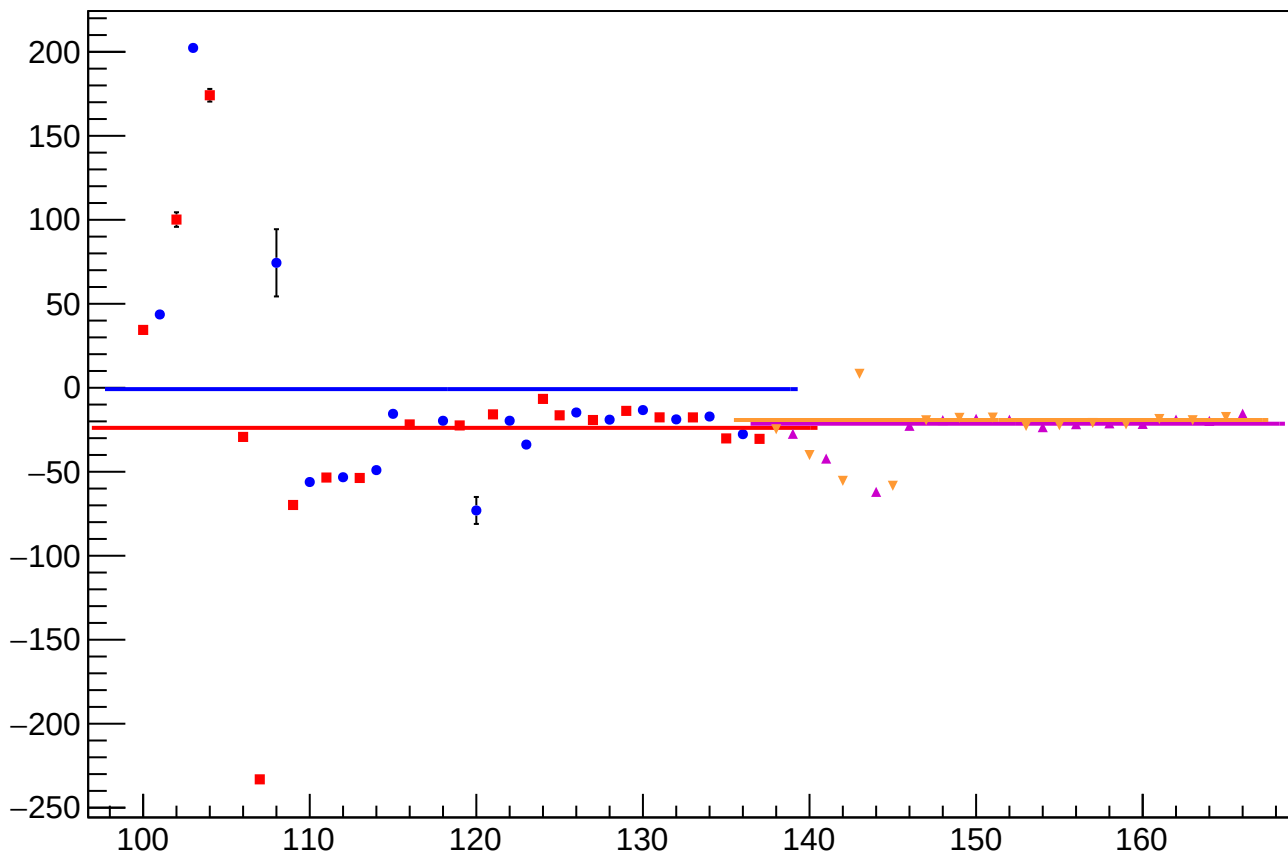
Left In: 101.552 $\pm$ 0.120 χ^2 /NDF:61006.1/13

+ sign 213.523 $\pm$ 0.000 χ^2 /NDF: 4259129.4/31

All: 213.523 $\pm$ 0.000 χ^2 /NDF: 5958319.5/64

- sign 96.123 $\pm$ 0.099 χ^2 /NDF: 295368.5/32

dit_atl1_11X12X_slope vs Slug



Right In: -0.799 ± 0.031 χ^2/NDF : 2816818.1/16

Left Out: -19.189 ± 0.013 χ^2/NDF : 564511.9/14

Right Out: -23.861 ± 0.044 χ^2/NDF : 200002.4/18

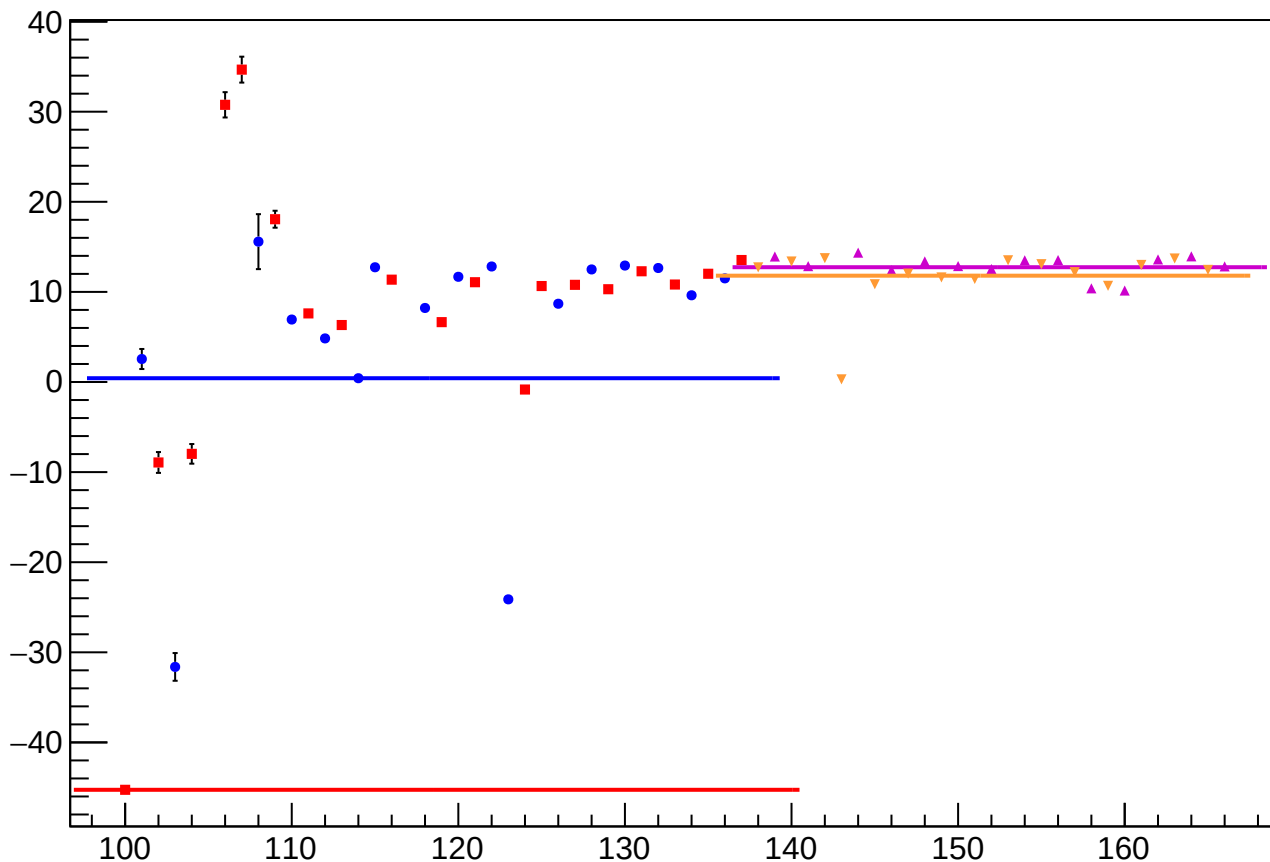
Left In: -21.401 ± 0.017 χ^2/NDF : 127866.8/13

+ sign -16.483 ± 0.012 χ^2/NDF : 3674884.7/31

All: -18.427 ± 0.010 χ^2/NDF : 4075915.4/64

- sign -21.719 ± 0.016 χ^2/NDF : 330645.2/32

dit_atl1_4aY_slope vs Slug



Right In: 0.420 ± 0.000 χ^2/NDF : 84744.6/16

Left Out: 11.800 ± 0.018 χ^2/NDF : 26608.2/14

Right Out: -45.259 ± 0.000 χ^2/NDF : 1298633.3/18

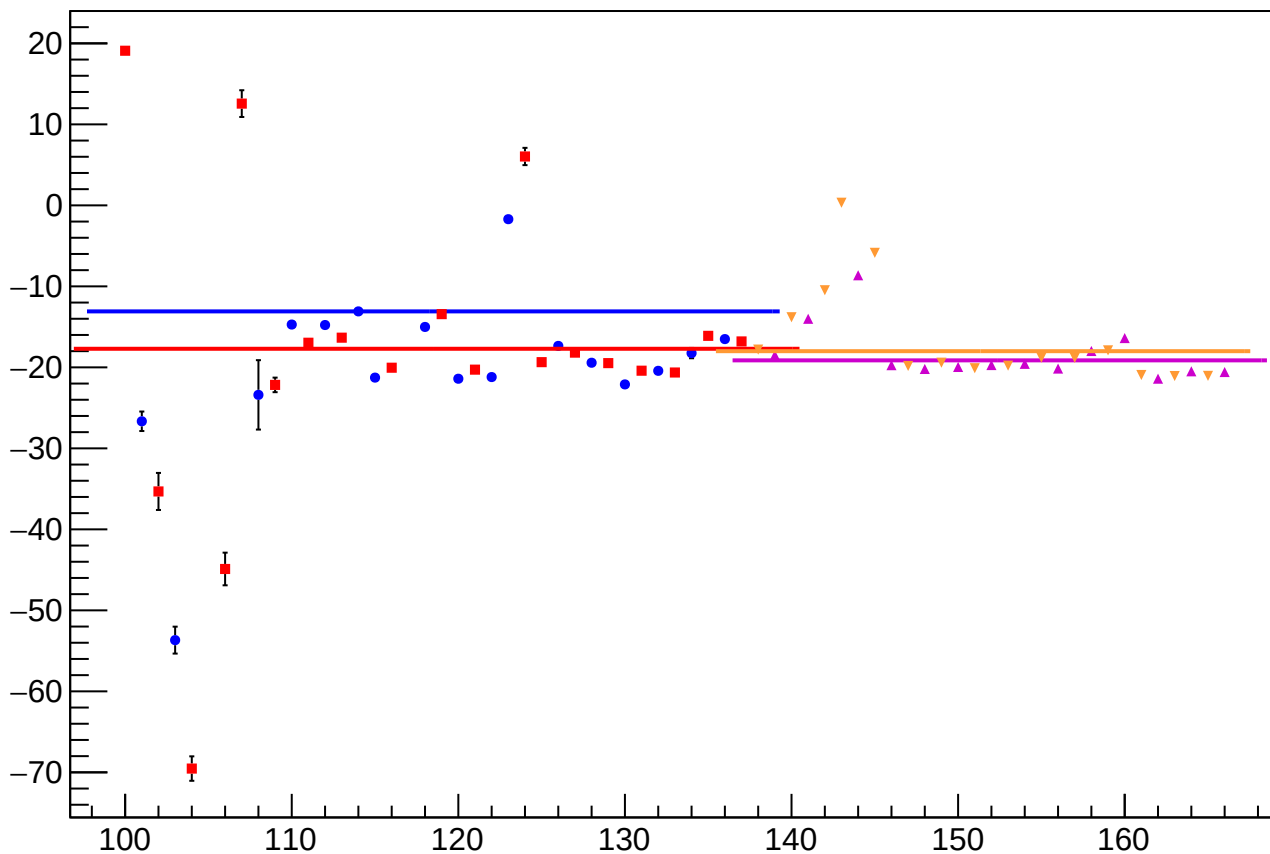
Left In: 12.740 ± 0.017 χ^2/NDF : 4906.4/13

+ sign 0.420 ± 0.000 χ^2/NDF : 492110.6/31

All: 0.419 ± 0.000 χ^2/NDF : 24797052003265

- sign -45.259 ± 0.000 χ^2/NDF : 13650085.6/32

dit_atl1_4eY_slope vs Slug



Right In: -13.090 ± 0.000 $\chi^2/\text{NDF}: 30071.6/16$

Left Out: -18.002 ± 0.021 $\chi^2/\text{NDF}: 43408.8/14$

Right Out: -17.705 ± 0.048 $\chi^2/\text{NDF}: 14635.4/18$

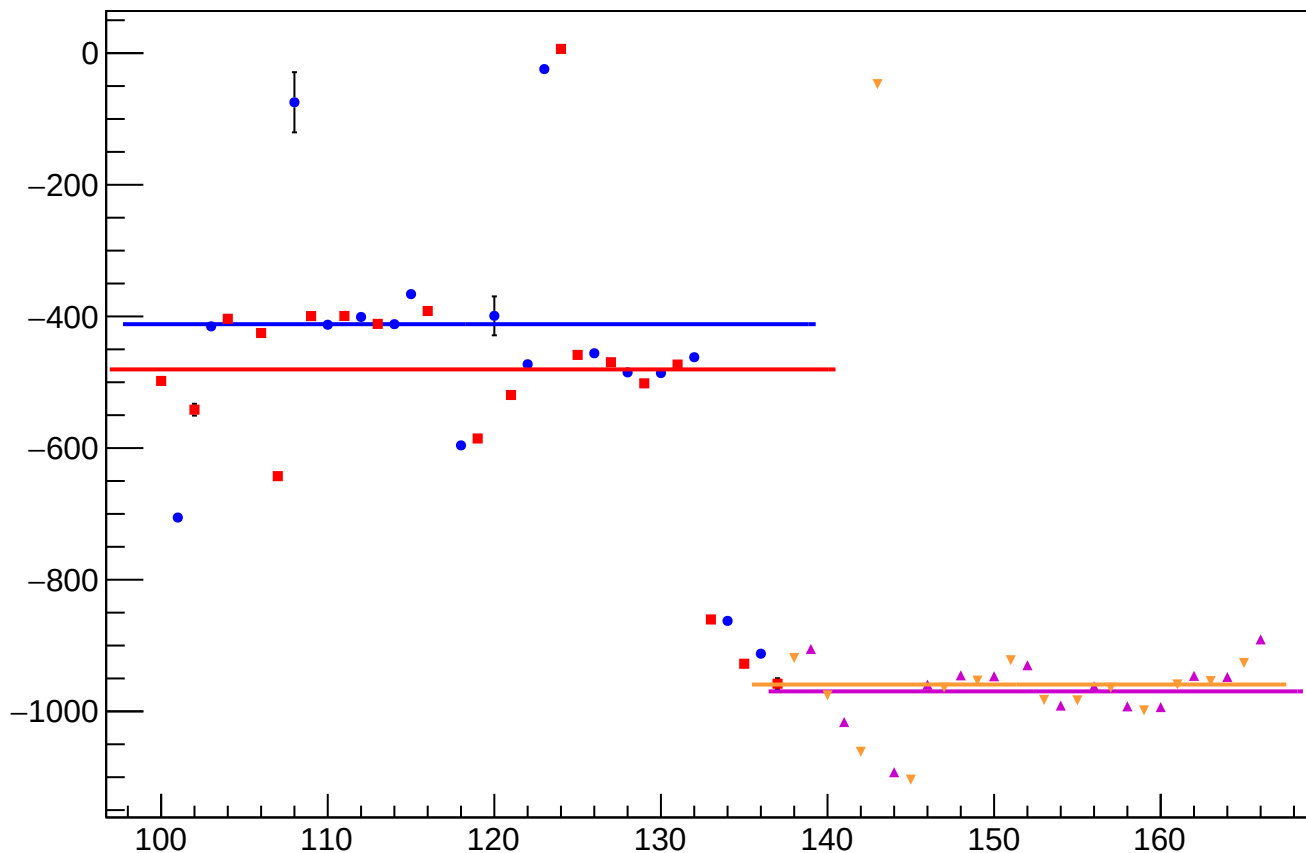
Left In: -19.136 ± 0.020 $\chi^2/\text{NDF}: 8694.1/13$

+ sign -13.090 ± 0.000 $\chi^2/\text{NDF}: 128190.3/31$

All: -13.090 ± 0.000 $\chi^2/\text{NDF}: 256023.7/64$

- sign -18.931 ± 0.018 $\chi^2/\text{NDF}: 24094.2/32$

dit_atl2_4aX_slope vs Slug



Right In: -411.771 ± 0.000 χ^2/NDF : 984974.9/16

Left Out: -959.196 ± 0.207 χ^2/NDF : 272290.8/14

Right Out: -480.481 ± 0.166 χ^2/NDF : 596807.0/18

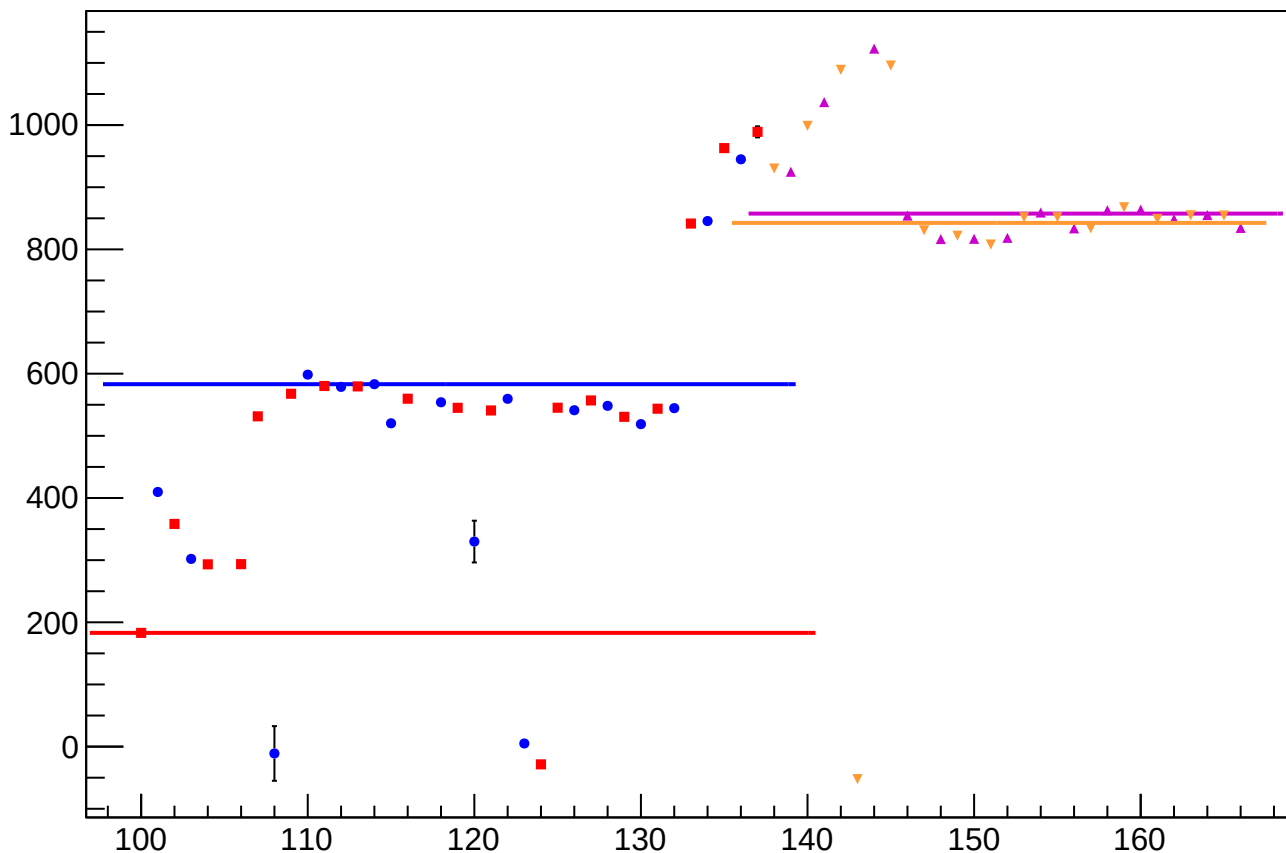
Left In: -969.641 ± 0.193 χ^2/NDF : 33286.5/13

+ sign -411.771 ± 0.000 χ^2/NDF : 8275557.2/31

All: -411.771 ± 0.000 χ^2/NDF : 17467233.2/6

- sign -689.236 ± 0.126 χ^2/NDF : 4328068.8/32

dit_atl2_4eX_slope vs Slug



Right In: 583.096+/-0.000 χ^2/NDF : 1695243.6/16

Left Out: 842.609+/-0.163 χ^2/NDF : 369449.4/14

Right Out: 182.993+/-0.000 χ^2/NDF : 2983395.1/18

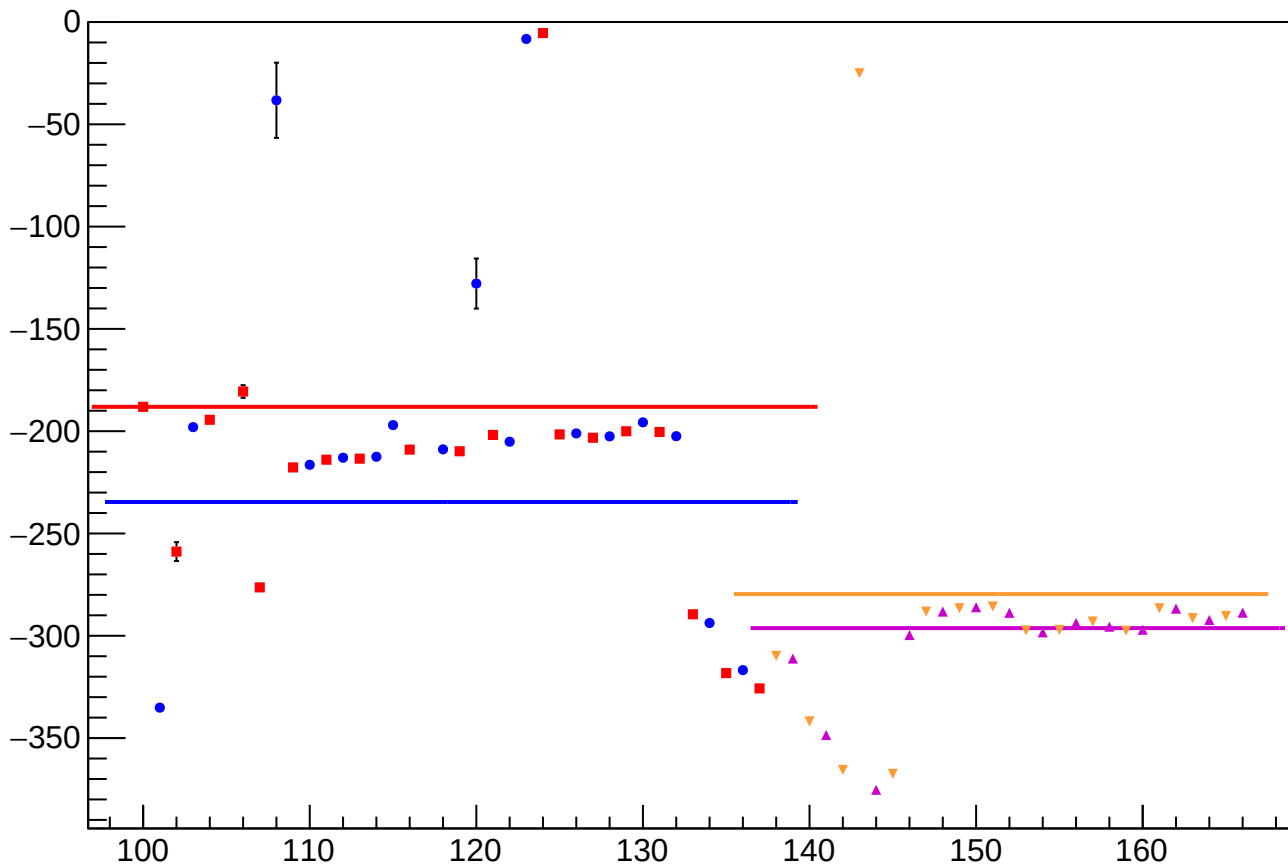
Left In: 857.563+/-0.157 χ^2/NDF : 88135.9/13

+ sign 583.096+/-0.000 χ^2/NDF : 4588336.9/31

All: 224.125+/-0.000 χ^2/NDF : 122237113759

- sign 182.993+/-0.000 χ^2/NDF : 21645173.0/32

dit_atl2_11X12X_slope vs Slug



Right In: -234.595+/-0.057 χ^2/NDF : 1034543.3/16

Left Out: -279.605+/-0.027 χ^2/NDF : 5598206.7/14

Right Out: -188.094+/-0.000 χ^2/NDF : 564190.5/18

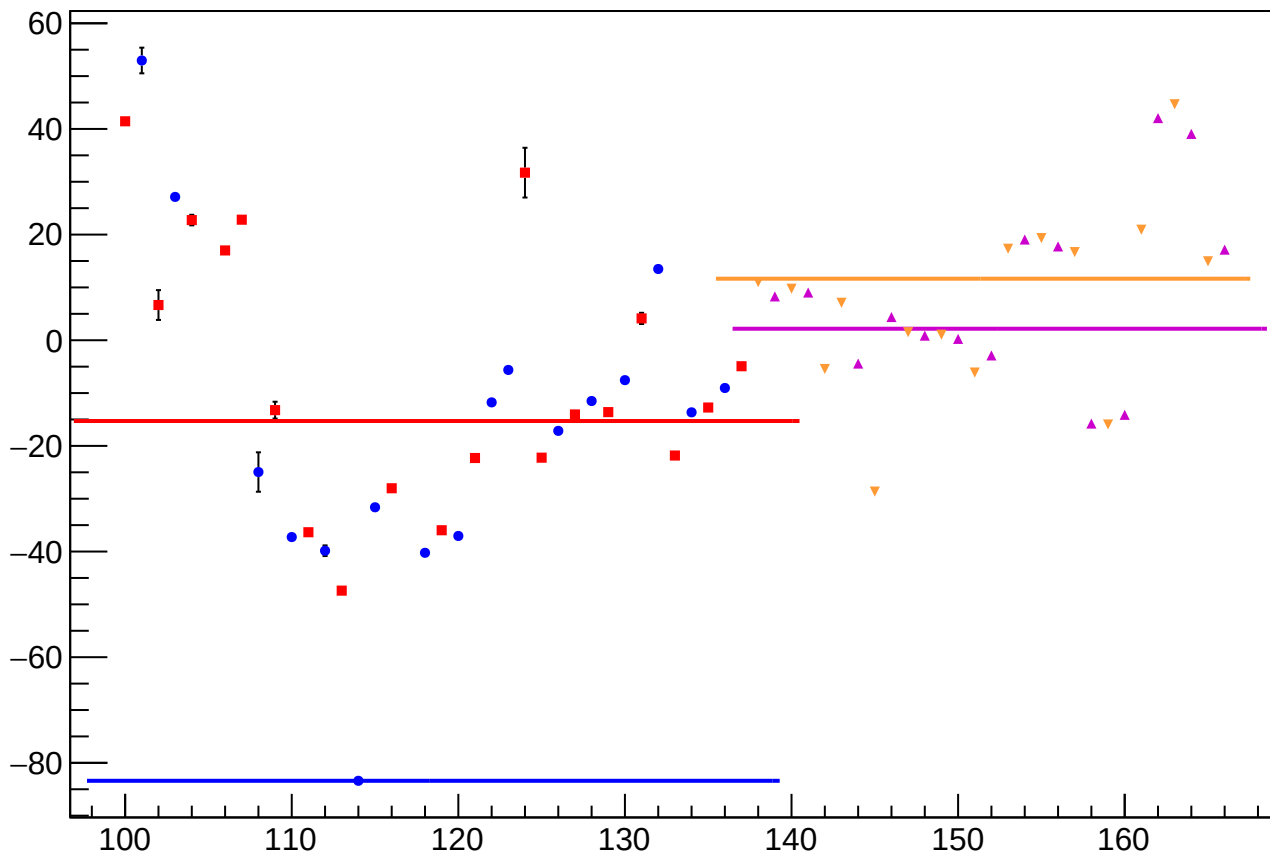
Left In: -296.257+/-0.027 χ^2/NDF : 249669.4/13

+ sign -271.409+/-0.024 χ^2/NDF : 7151775.5/31

All: -188.094+/-0.000 χ^2/NDF : 35972672.3/6

- sign -188.094+/-0.000 χ^2/NDF : 16881358.5/32

dit_atl2_4aY_slope vs Slug



Right In: -83.399 ± 0.000 $\chi^2/\text{NDF}: 1111851.8/16$

Left Out: 11.651 ± 0.029 $\chi^2/\text{NDF}: 429308.4/14$

Right Out: -15.289 ± 0.093 $\chi^2/\text{NDF}: 45102.9/18$

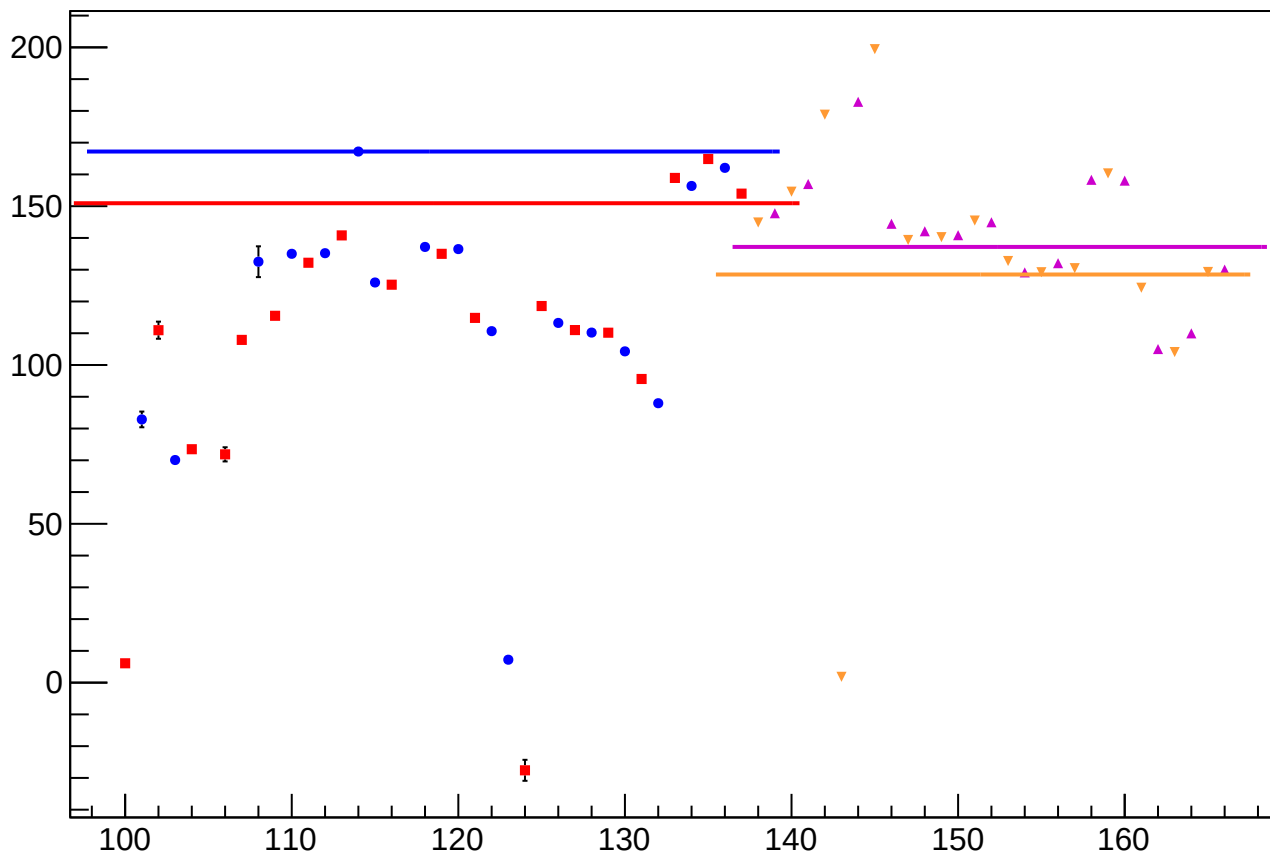
Left In: 2.180 ± 0.022 $\chi^2/\text{NDF}: 638960.3/13$

+ sign -83.399 ± 0.000 $\chi^2/\text{NDF}: 12517547.7/31$

All: -83.399 ± 0.000 $\chi^2/\text{NDF}: 29191044.6/64$

- sign 1.272 ± 0.021 $\chi^2/\text{NDF}: 717537.1/32$

dit_atl2_4eY_slope vs Slug



Right In: 167.207 $\pm$ 0.000 χ^2 /NDF: 377544.7/16

Left Out: 128.492 $\pm$ 0.035 χ^2 /NDF: 558587.2/14

Right Out: 150.930 $\pm$ 0.030 χ^2 /NDF: 254077.1/18

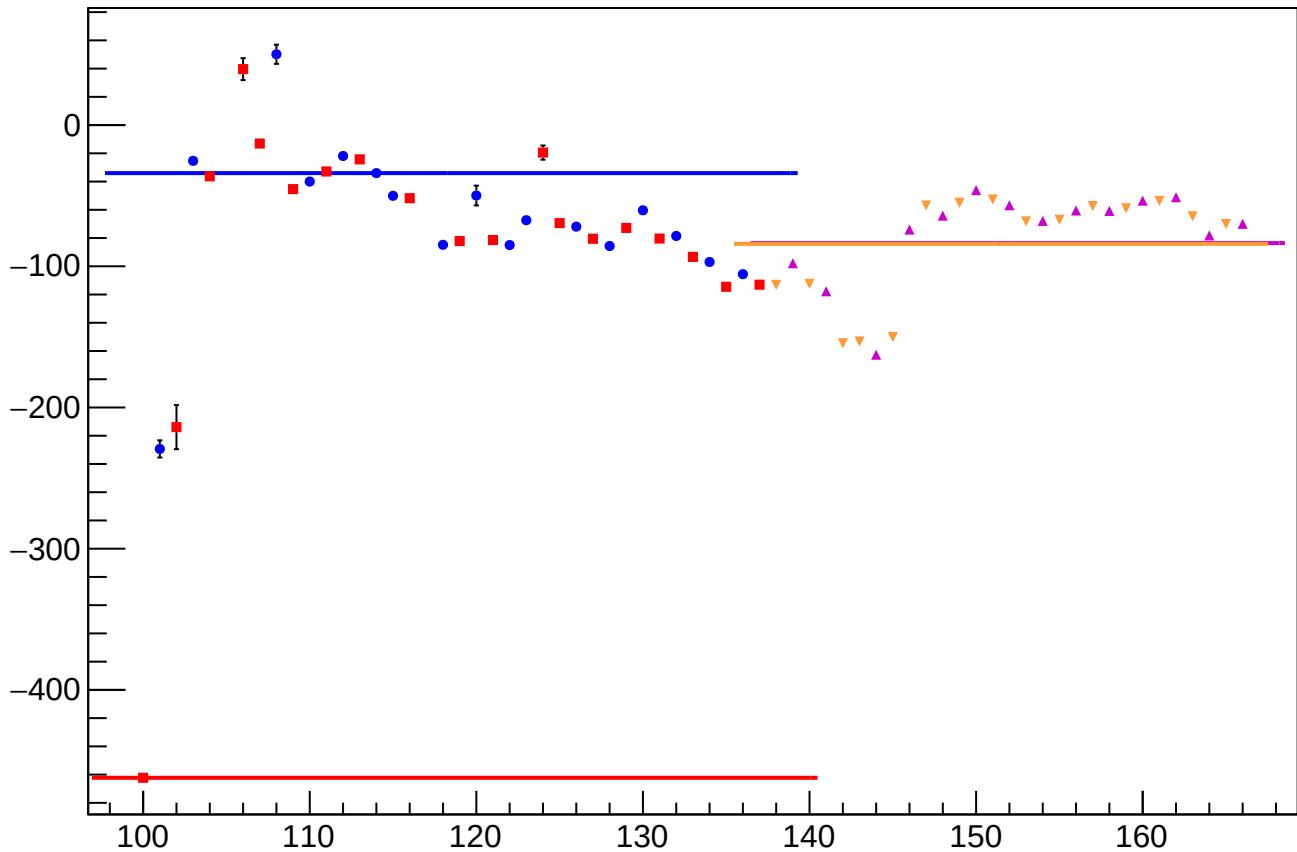
Left In: 137.177 $\pm$ 0.029 χ^2 /NDF: 355965.5/13

+ sign 167.207 $\pm$ 0.000 χ^2 /NDF: 2145490.5/31

All: 167.207 $\pm$ 0.000 χ^2 /NDF: 4105567.1/64

- sign 143.890 $\pm$ 0.021 χ^2 /NDF: 718009.0/32

dit_atr1_4aX_slope vs Slug



Right In: -34.002 ± 0.000 $\chi^2/\text{NDF}: 103608.4/16$

Left Out: -84.115 ± 0.145 $\chi^2/\text{NDF}: 58037.5/14$

Right Out: -462.254 ± 0.000 $\chi^2/\text{NDF}: 4616114.1/18$

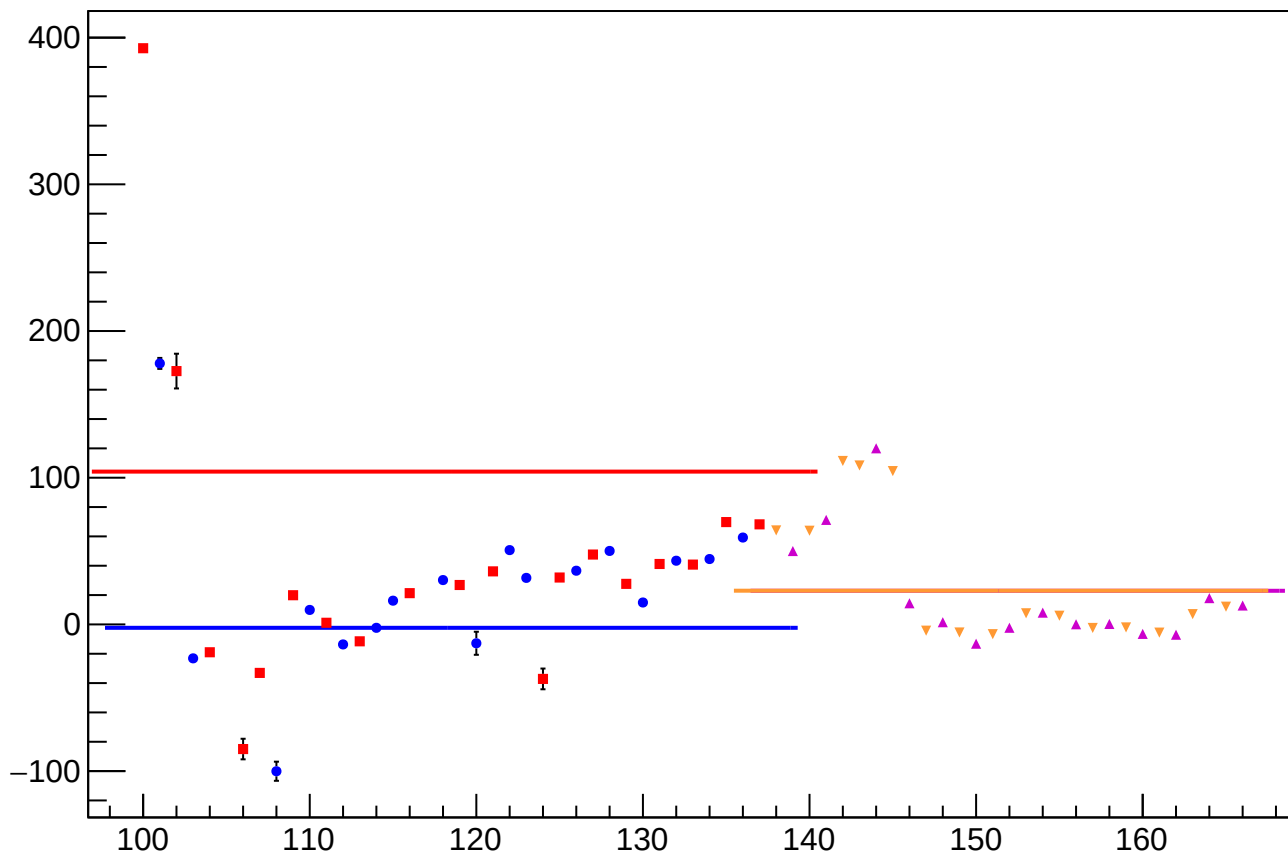
Left In: -83.551 ± 0.151 $\chi^2/\text{NDF}: 57436.0/13$

+ sign -34.002 ± 0.000 $\chi^2/\text{NDF}: 281599.6/31$

All: -34.912 ± 0.000 $\chi^2/\text{NDF}: 849582565143$

- sign -462.254 ± 0.000 $\chi^2/\text{NDF}: 10992686.5/32$

dit_atr1_4eX_slope vs Slug



Right In: -2.317 ± 0.000 χ^2/NDF : 72308.0/16

Left Out: 22.981 ± 0.125 χ^2/NDF : 95025.1/14

Right Out: 104.164 ± 0.183 χ^2/NDF : 779114.1/18

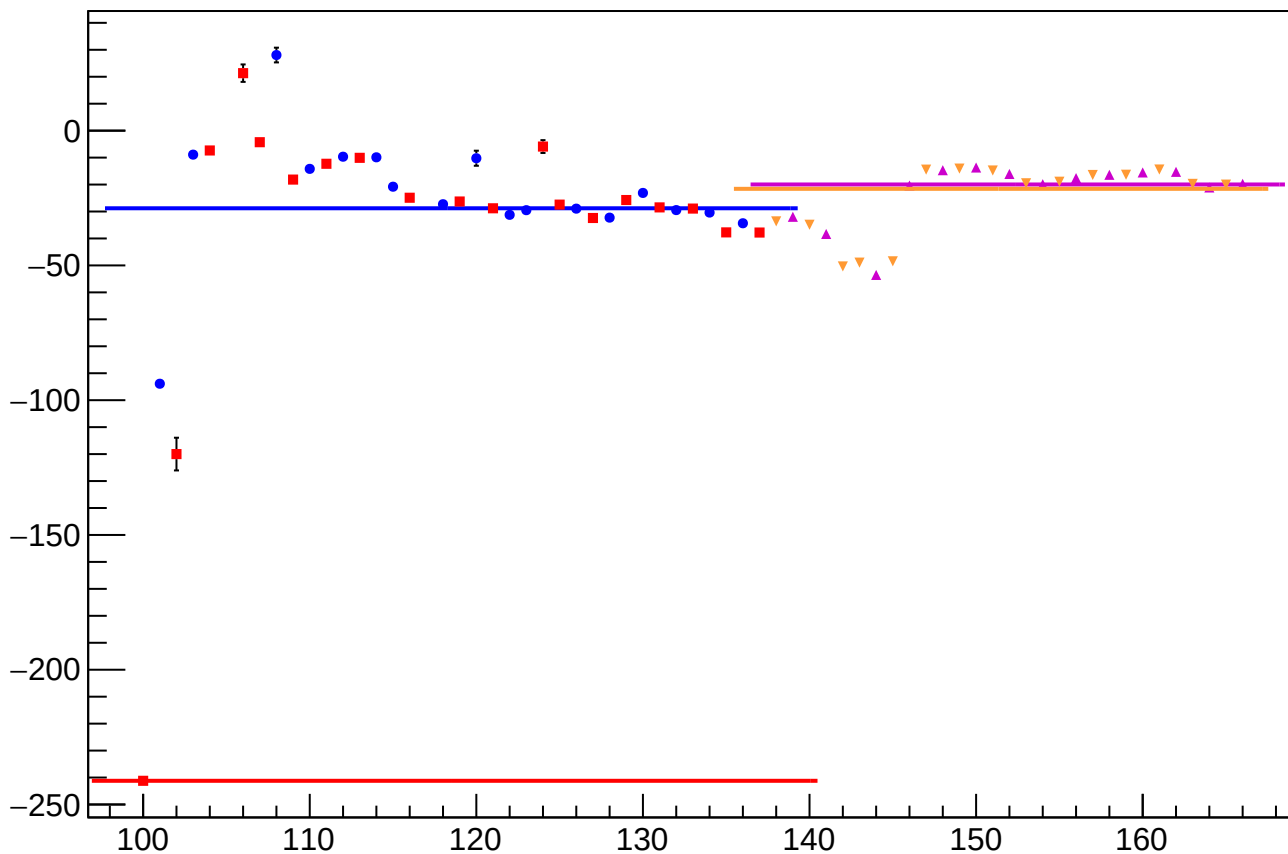
Left In: 22.921 ± 0.133 χ^2/NDF : 86505.5/13

+ sign -2.317 ± 0.000 χ^2/NDF : 207997.9/31

All: -2.317 ± 0.000 χ^2/NDF : 1447491.6/64

- sign 50.871 ± 0.107 χ^2/NDF : 994574.9/32

dit_atr1_11X12X_slope vs Slug



Right In: -28.799 ± 0.035 χ^2/NDF : 49372.5/16

Left Out: -21.586 ± 0.015 χ^2/NDF : 359164.9/14

Right Out: -241.209 ± 0.000 χ^2/NDF : 31730104.8/18

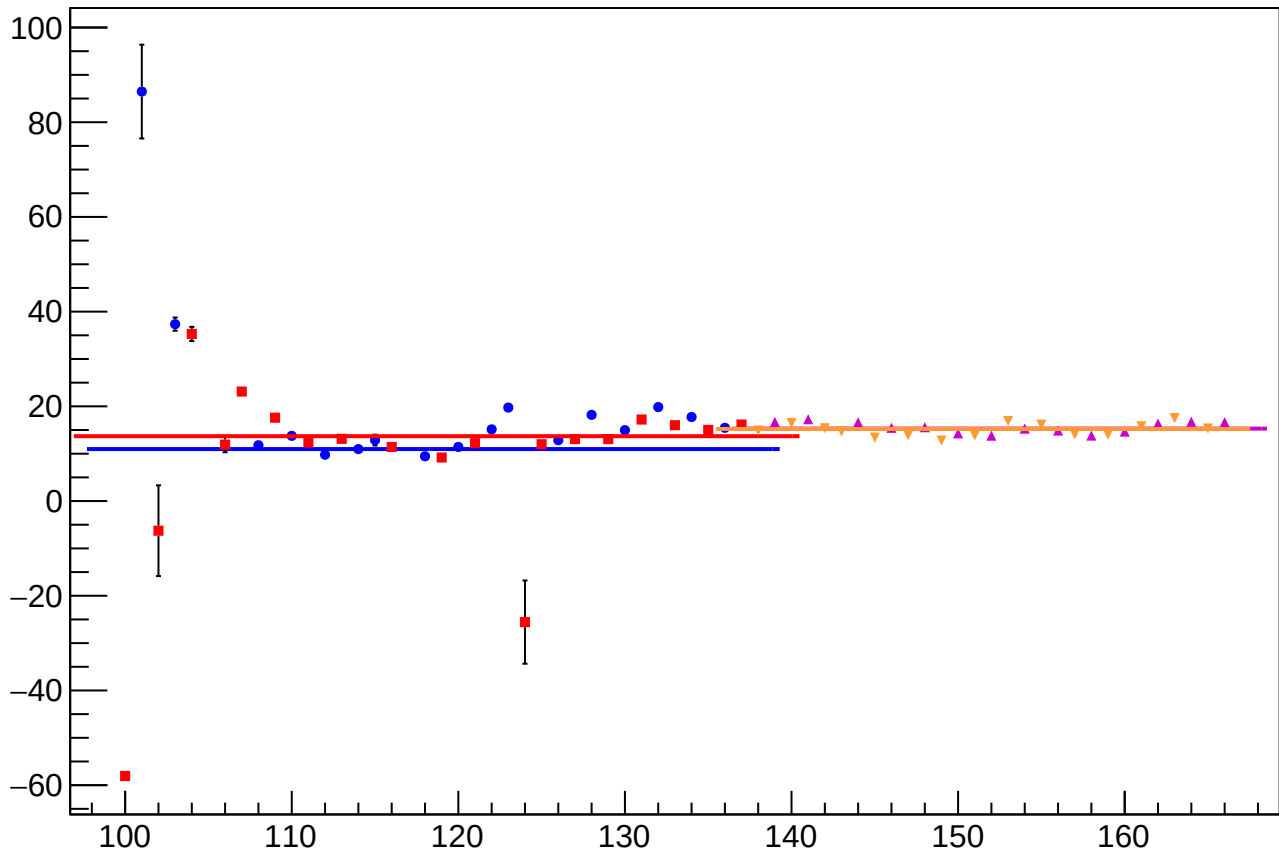
Left In: -19.970 ± 0.018 χ^2/NDF : 193143.2/13

+ sign -22.718 ± 0.014 χ^2/NDF : 443611.9/31

All: -241.209 ± 0.000 χ^2/NDF : 434494914.4/32

- sign -241.209 ± 0.000 χ^2/NDF : 190657928.5/32

dit_atr1_4aY_slope vs Slug



Right In: 10.978+/-0.000 χ^2/NDF : 26383.3/16

Left Out: 15.225+/-0.017 χ^2/NDF : 6269.2/14

Right Out: 13.698+/-0.044 χ^2/NDF : 38261.7/18

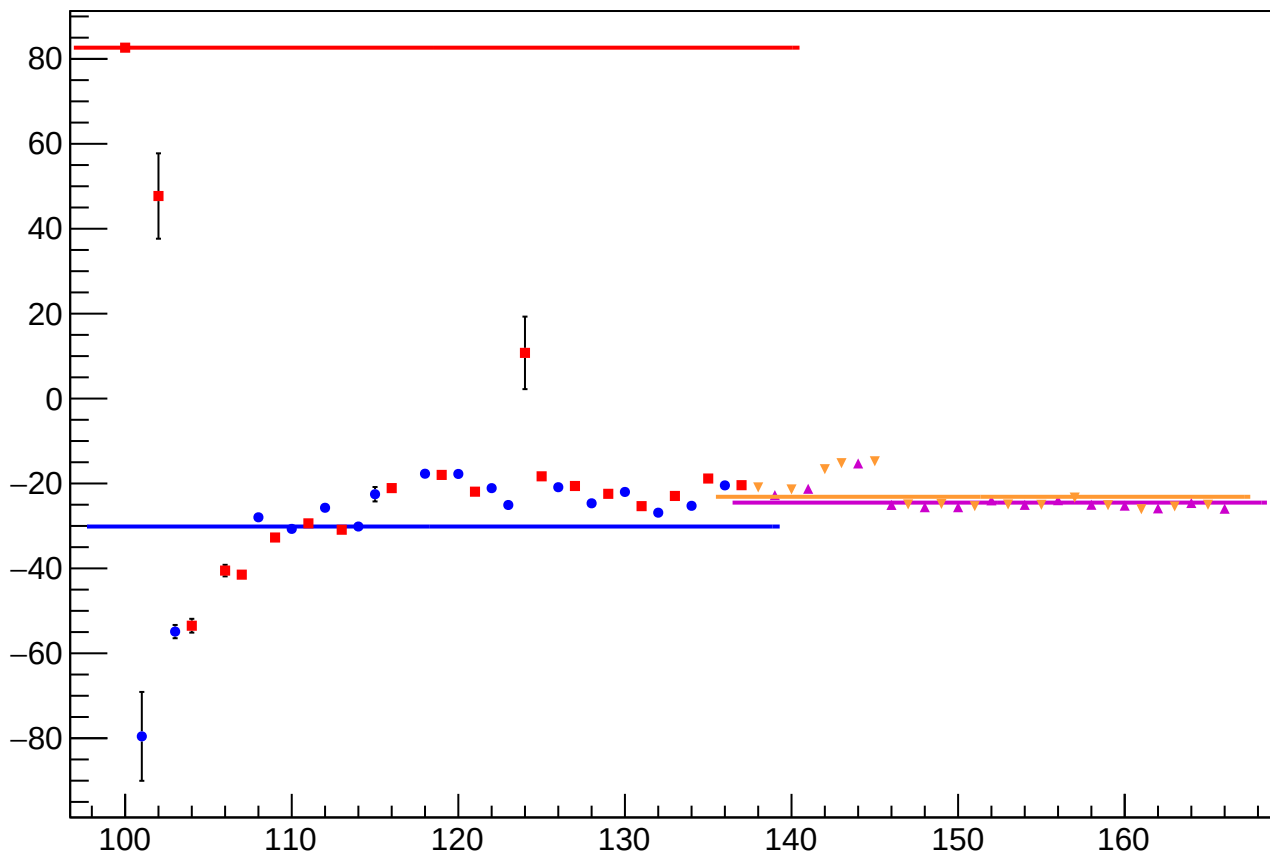
Left In: 15.297+/-0.017 χ^2/NDF : 4438.8/13

+ sign 10.978+/-0.000 χ^2/NDF : 95174.6/31

All: 10.978+/-0.000 χ^2/NDF : 209513.2/64

- sign 15.098+/-0.016 χ^2/NDF : 43858.2/32

dit_atr1_4eY_slope vs Slug



Right In: -30.139 ± 0.000 χ^2/NDF : 75823.3/16

Left Out: -23.134 ± 0.021 χ^2/NDF : 27149.8/14

Right Out: 82.645 ± 0.000 χ^2/NDF : 4126300.9/18

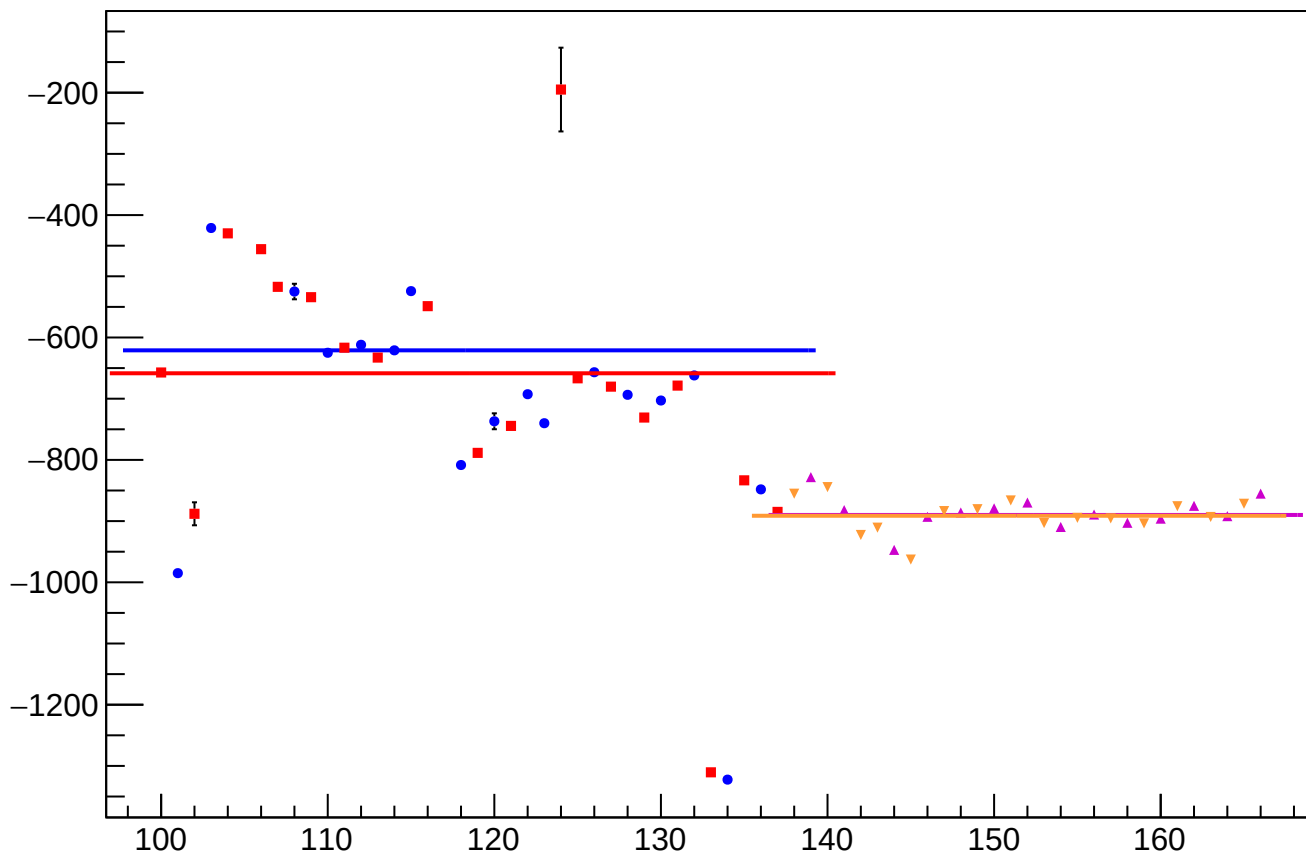
Left In: -24.508 ± 0.020 χ^2/NDF : 7950.7/13

+ sign -30.139 ± 0.000 χ^2/NDF : 210009.3/31

All: -26.421 ± 0.000 χ^2/NDF : 365466407976

- sign 82.645 ± 0.000 χ^2/NDF : 33886925.1/32

dit_atr2_4aX_slope vs Slug



Right In: -620.994 ± 0.000 χ^2/NDF : 309597.8/16

Left Out: -891.263 ± 0.170 χ^2/NDF : 13243.0/14

Right Out: -658.472 ± 0.211 χ^2/NDF : 385288.9/18

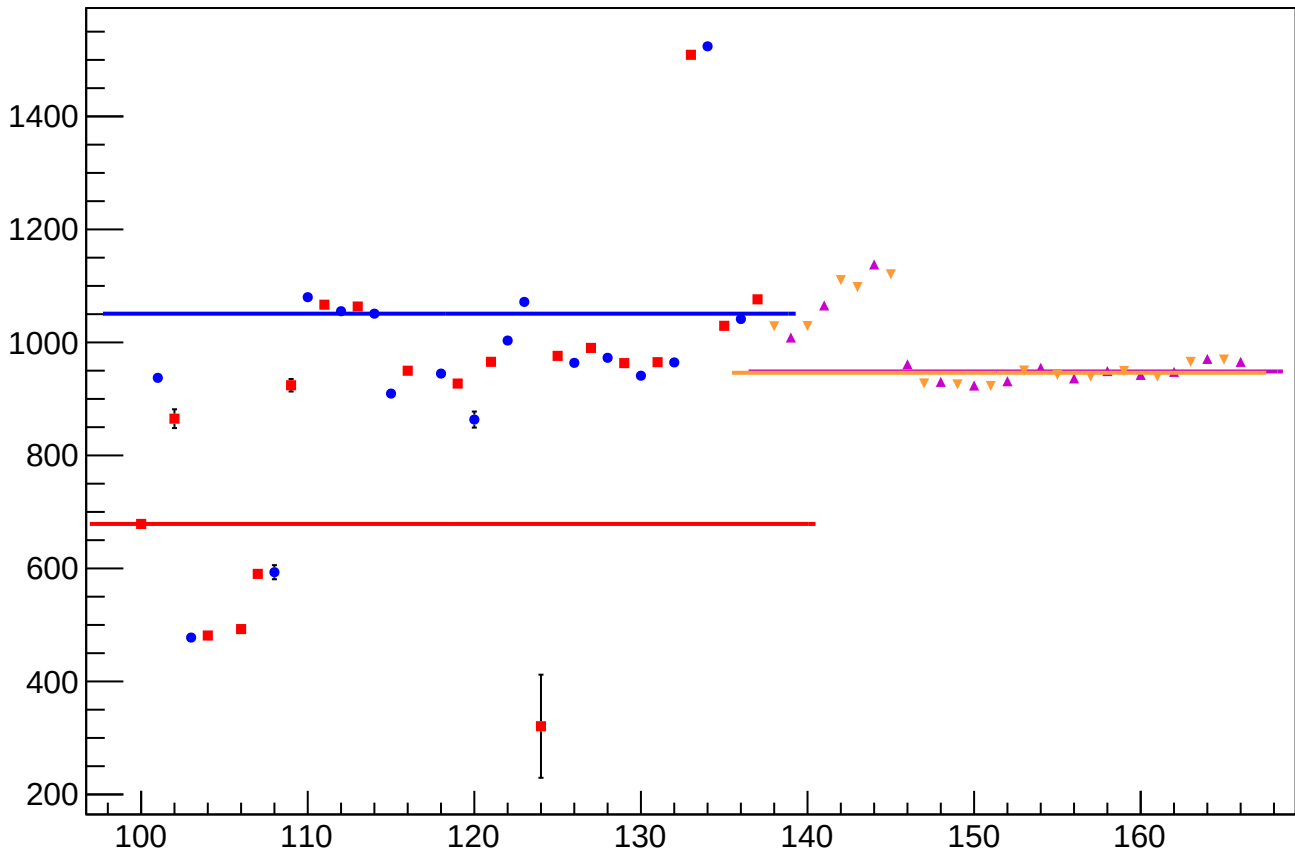
Left In: -889.955 ± 0.150 χ^2/NDF : 14788.5/13

+ sign -620.994 ± 0.000 χ^2/NDF : 2861085.2/31

All: -620.994 ± 0.000 χ^2/NDF : 6527099.6/64

- sign -812.314 ± 0.122 χ^2/NDF : 1203611.6/32

dit_atr2_4eX_slope vs Slug



Right In: 1050.885 $\pm$ 0.000 χ^2 /NDF: 296535.3/16

Left Out: 946.305 $\pm$ 0.137 χ^2 /NDF: 68715.9/14

Right Out: 678.756 $\pm$ 0.000 χ^2 /NDF: 1421757.7/18

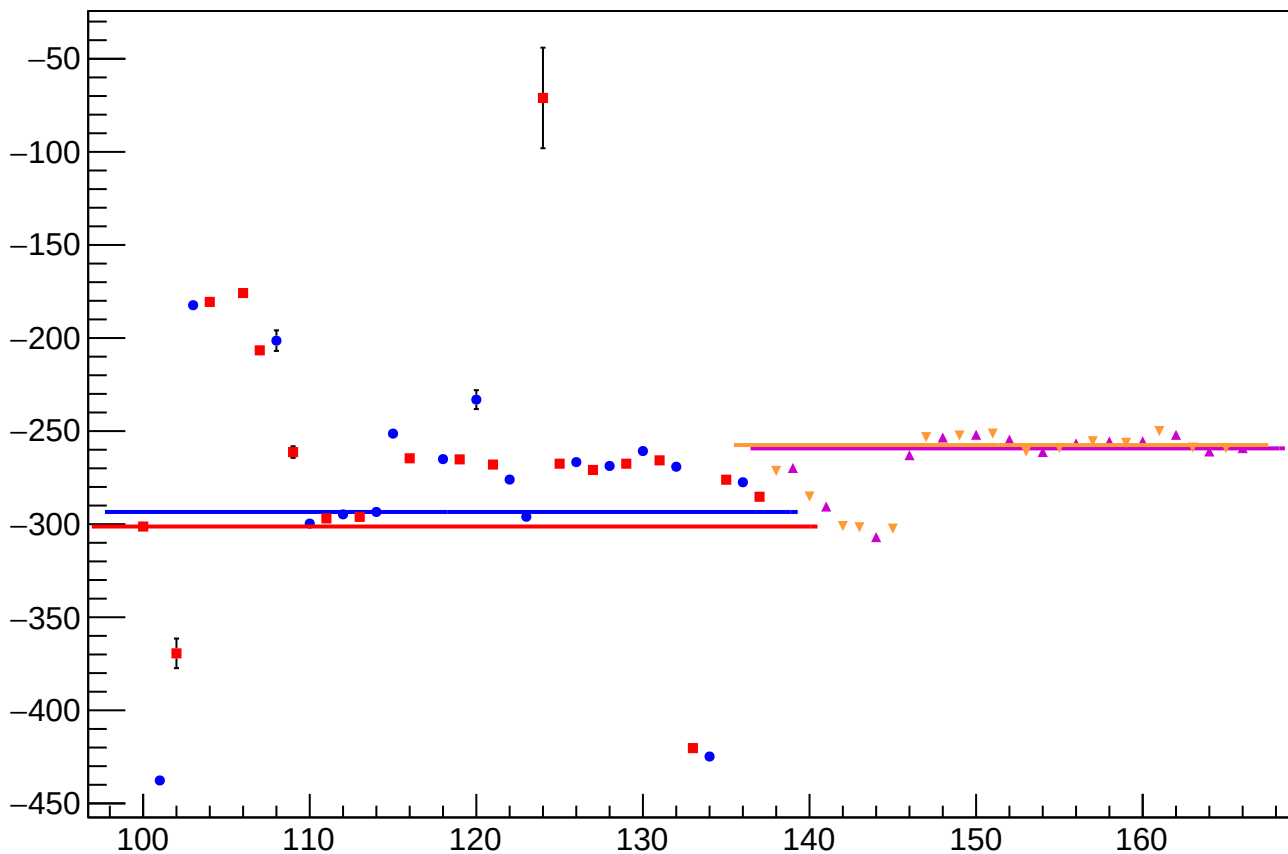
Left In: 948.602 $\pm$ 0.122 χ^2 /NDF: 75224.9/13

+ sign 1050.885 $\pm$ 0.000 χ^2 /NDF: 948479.8/31

All: 717.012 $\pm$ 0.000 χ^2 /NDF: 660888056800

- sign 678.756 $\pm$ 0.000 χ^2 /NDF: 6351105.9/32

dit_atr2_11X12X_slope vs Slug



Right In: -293.440+/-0.000 χ^2/NDF : 806123.9/16

Left Out: -257.497+/-0.022 χ^2/NDF : 163099.8/14

Right Out: -301.259+/-0.000 χ^2/NDF : 709937.5/18

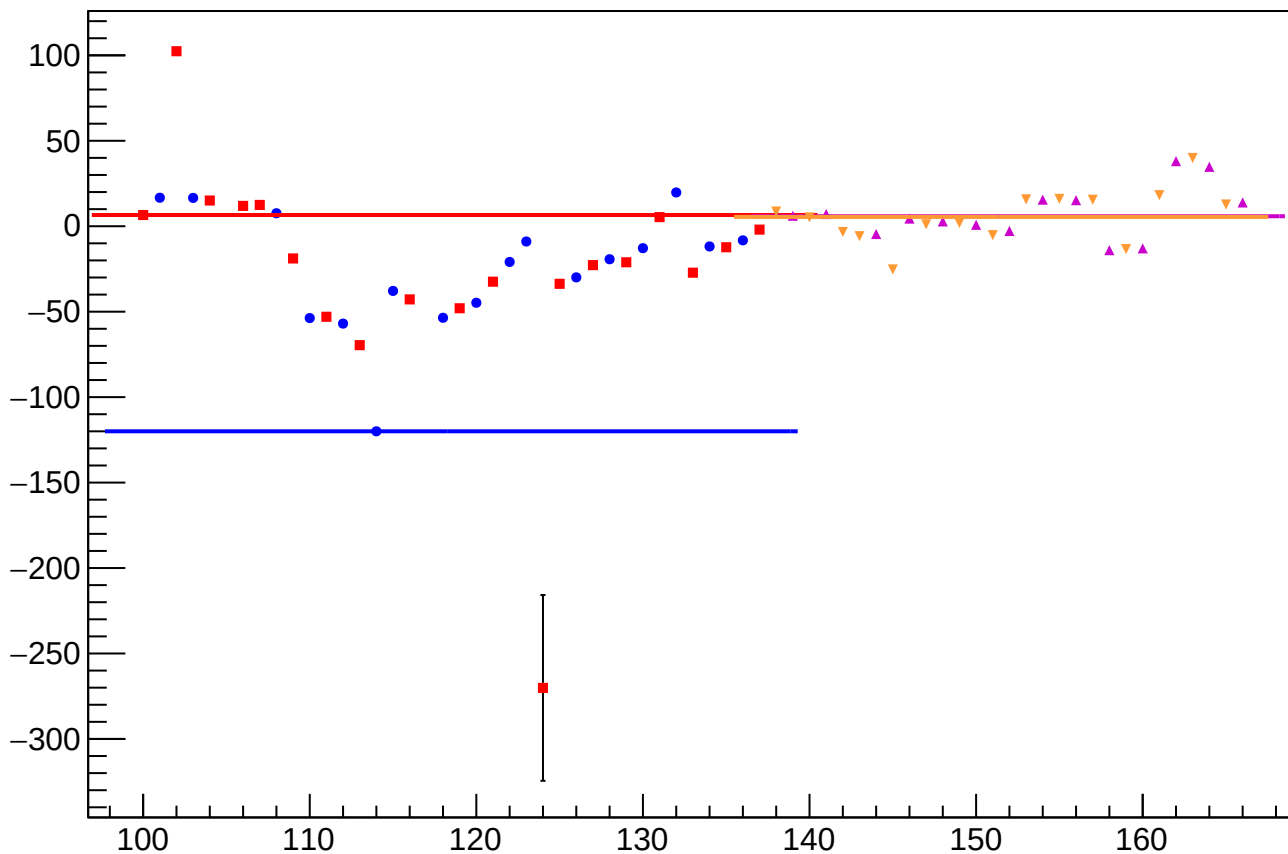
Left In: -259.281+/-0.022 χ^2/NDF : 186787.4/13

+ sign -293.440+/-0.000 χ^2/NDF : 3523010.1/31

All: -296.200+/-0.000 χ^2/NDF : 7344454/2243

- sign -301.259+/-0.000 χ^2/NDF : 4623532.8/32

dit_atr2_4aY_slope vs Slug



Right In: -119.993 ± 0.000 $\chi^2/\text{NDF}: 1507310.0/16$

Left Out: 5.472 ± 0.027 $\chi^2/\text{NDF}: 321405.4/14$

Right Out: 6.562 ± 0.000 $\chi^2/\text{NDF}: 110723.7/18$

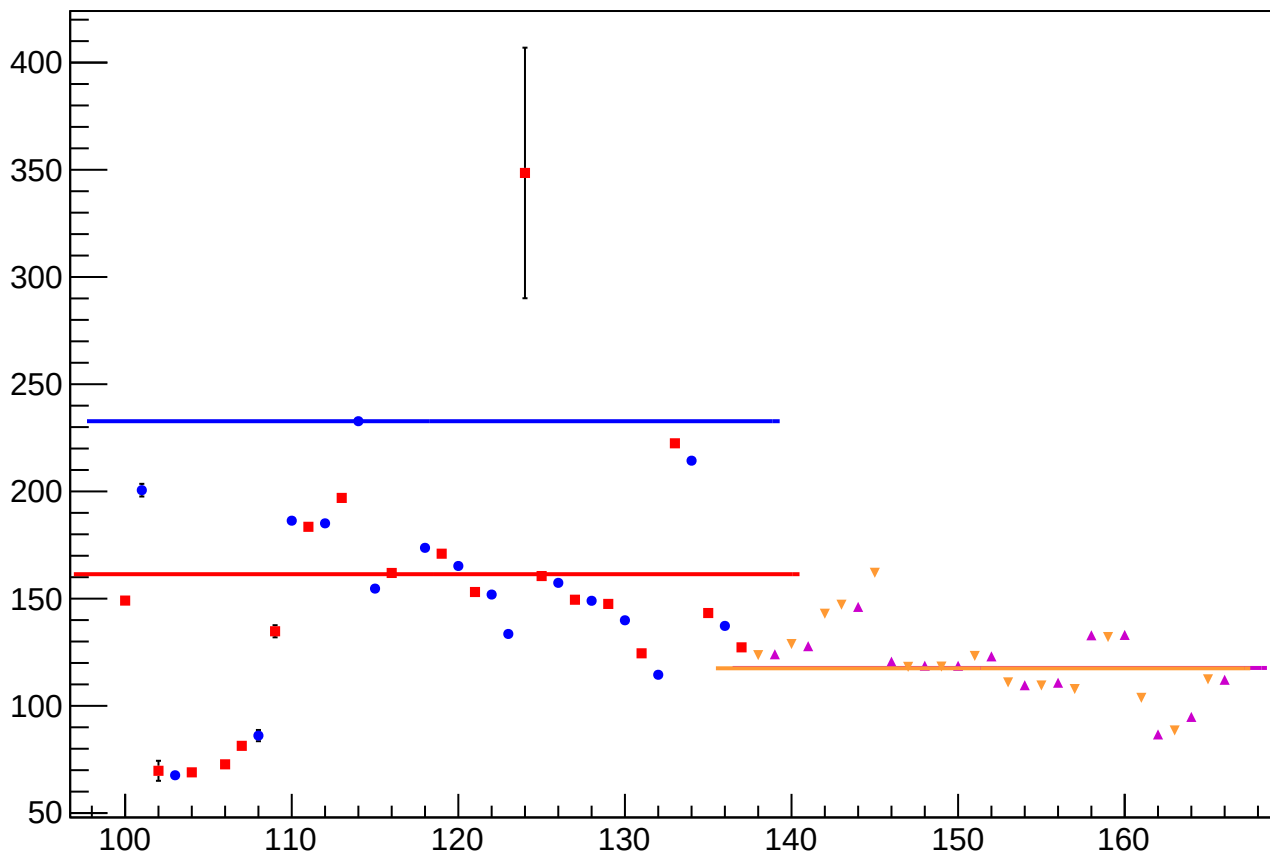
Left In: 5.849 ± 0.021 $\chi^2/\text{NDF}: 409933.9/13$

+ sign -119.993 ± 0.000 $\chi^2/\text{NDF}: 23931184.3/31$

All: 6.462 ± 0.000 $\chi^2/\text{NDF}: 96855847891730$

- sign 6.562 ± 0.000 $\chi^2/\text{NDF}: 521760.5/32$

dit_atr2_4eY_slope vs Slug



Right In: 232.747 $\pm$ 0.000 χ^2 /NDF: 885111.3/16

Left Out: 117.513 $\pm$ 0.031 χ^2 /NDF:185350.5/14

Right Out: 161.402 $\pm$ 0.086 χ^2 /NDF: 158469.5/18

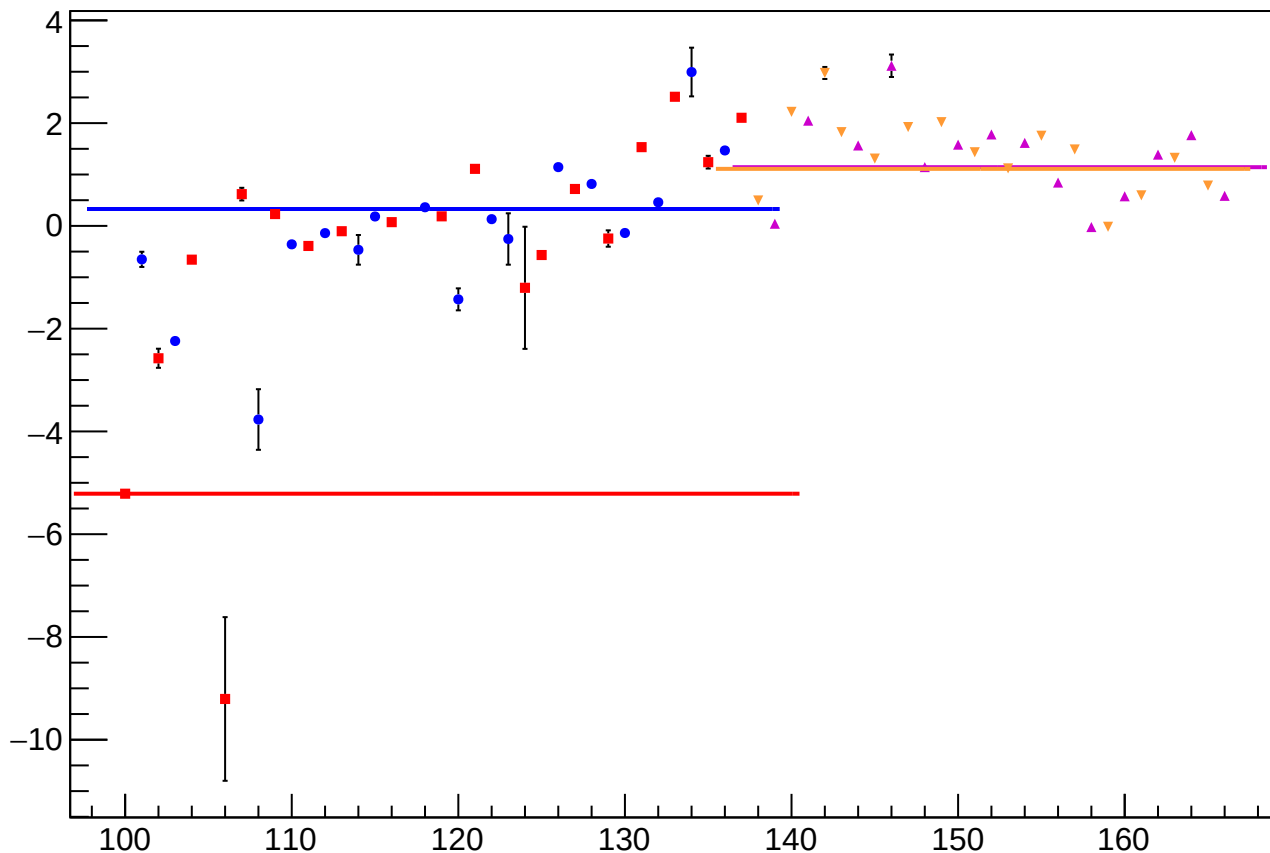
Left In: 117.673 $\pm$ 0.027 χ^2 /NDF:260550.1/13

+ sign 232.747 $\pm$ 0.000 χ^2 /NDF: 14790219.1/31

All: 232.747 $\pm$ 0.000 χ^2 /NDF: 34025332.9/64

- sign 121.578 $\pm$ 0.026 χ^2 /NDF: 652882.4/32

dit_sam1_4aX_slope vs Slug



Right In: 0.329 ± 0.013 $\chi^2/\text{NDF}: 4100.2/16$

Left Out: 1.110 ± 0.012 $\chi^2/\text{NDF}: 4783.4/14$

Right Out: -5.212 ± 0.000 $\chi^2/\text{NDF}: 500748.8/18$

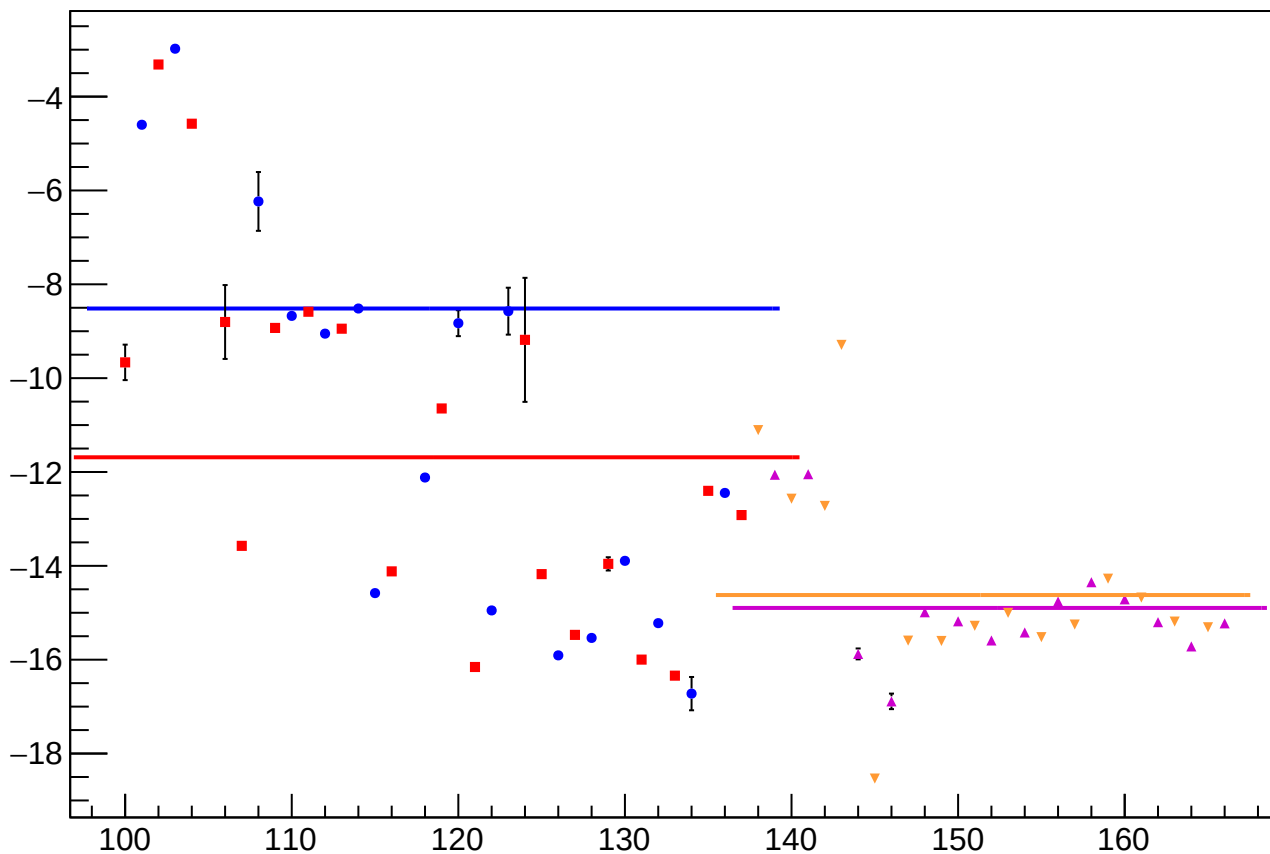
Left In: 1.143 ± 0.009 $\chi^2/\text{NDF}: 6382.9/13$

+ sign 0.758 ± 0.009 $\chi^2/\text{NDF}: 10913.7/31$

All: -5.212 ± 0.000 $\chi^2/\text{NDF}: 1534590.1/64$

- sign -5.212 ± 0.000 $\chi^2/\text{NDF}: 1044742.3/32$

dit_sam1_4eX_slope vs Slug



Right In: -8.516 ± 0.000 χ^2/NDF : 245356.0/16

Left Out: -14.622 ± 0.010 χ^2/NDF : 29158.2/14

Right Out: -11.687 ± 0.012 χ^2/NDF : 108168.0/18

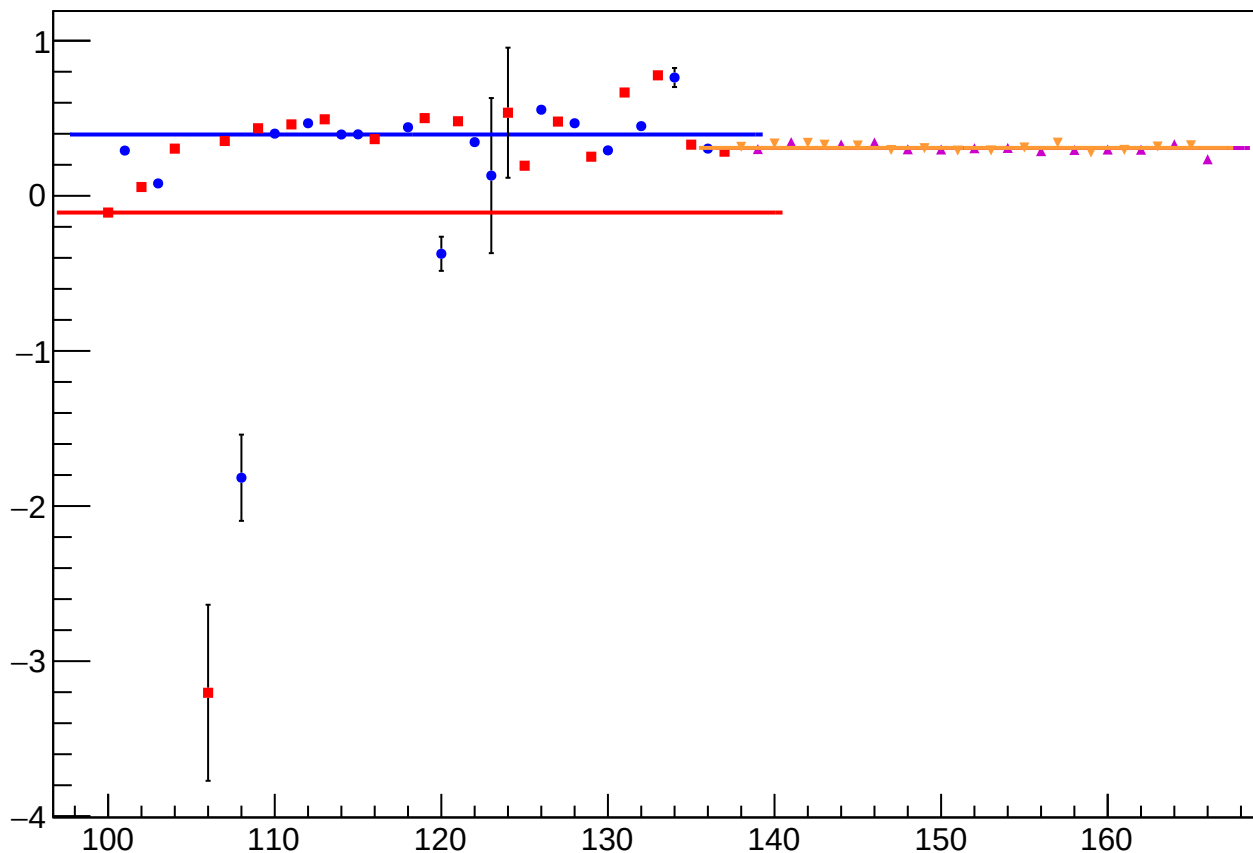
Left In: -14.897 ± 0.008 χ^2/NDF : 11844.6/13

+ sign -8.516 ± 0.000 χ^2/NDF : 678291.8/31

All: -8.516 ± 0.000 χ^2/NDF : 1554521.0/64

- sign -13.910 ± 0.006 χ^2/NDF : 173069.5/32

dit_sam1_11X12X_slope vs Slug



Right In: 0.395 ± 0.000 χ^2/NDF : 10311.3/16

Left Out: 0.309 ± 0.000 χ^2/NDF : 3850.0/14

Right Out: -0.108 ± 0.000 χ^2/NDF : 128250.0/18

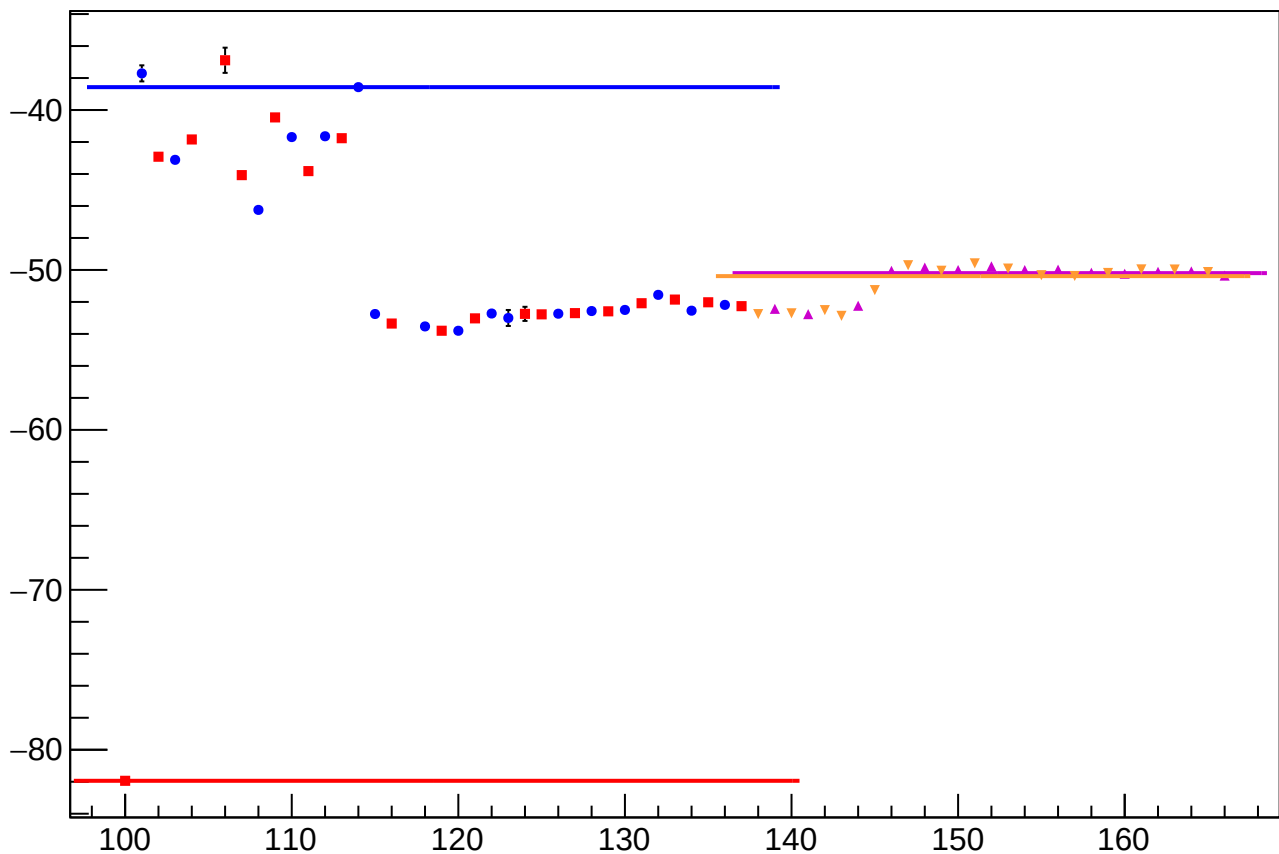
Left In: 0.308 ± 0.000 χ^2/NDF : 2527.7/13

+ sign 0.395 ± 0.000 χ^2/NDF : 92802.0/31

All: -0.056 ± 0.000 χ^2/NDF : 8110213490538

- sign -0.108 ± 0.000 χ^2/NDF : 2026809.1/32

dit_sam1_4aY_slope vs Slug



Right In: -38.570+/-0.000 χ^2/NDF : 12311757.7/16

Left Out: -50.386+/-0.002 χ^2/NDF : 242272.8/14

Right Out: -81.941+/-0.000 χ^2/NDF : 120351577.0/18

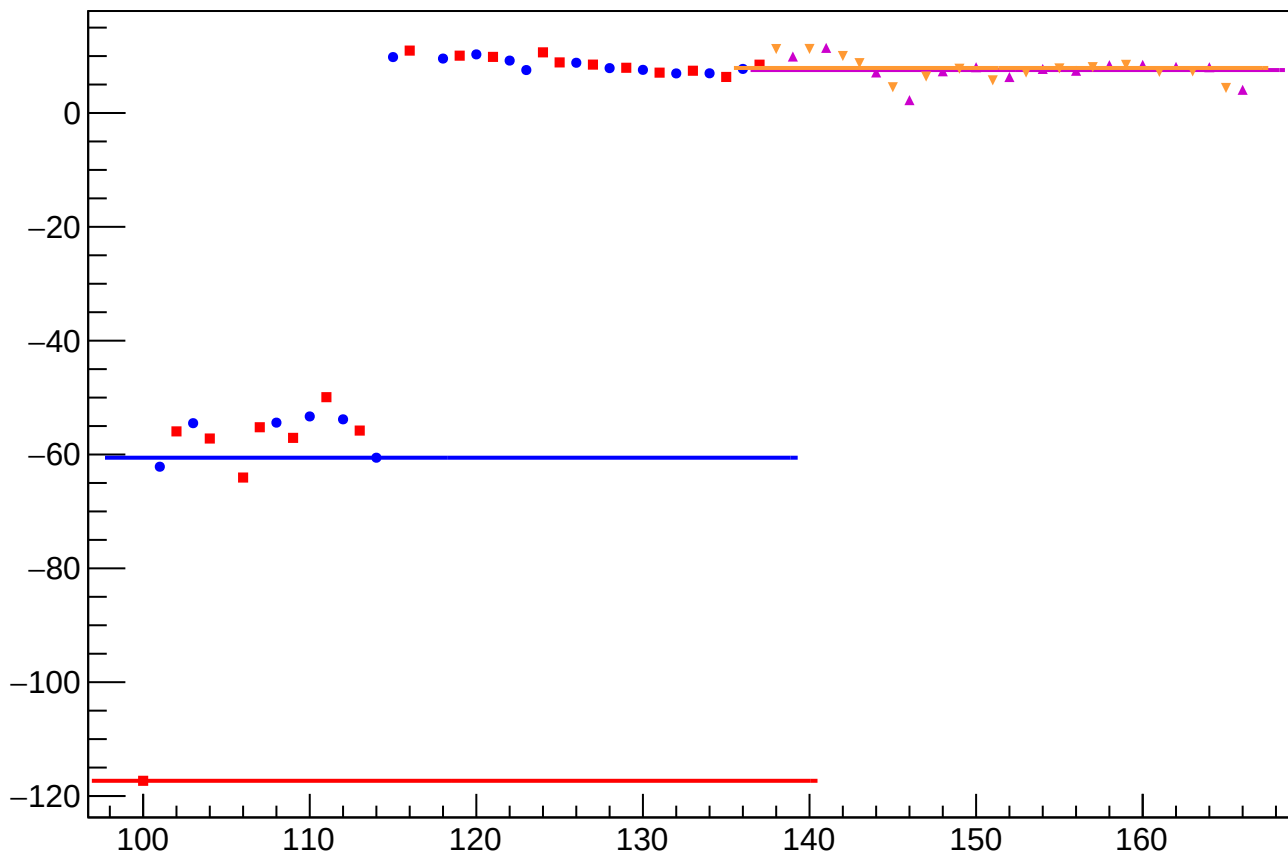
Left In: -50.199+/-0.002 χ^2/NDF : 155444.7/13

+ sign -38.570+/-0.000 χ^2/NDF : 48831886.3/31

All: -43.774+/-0.000 χ^2/NDF : 491816286535

- sign -81.941+/-0.000 χ^2/NDF : 527851192.3/32

dit_sam1_4eY_slope vs Slug



Right In: -60.561 ± 0.000 χ^2/NDF : 179199478.6/16

Left Out: 7.911 ± 0.005 χ^2/NDF : 75592.7/14

Right Out: -117.324 ± 0.000 χ^2/NDF : 218537776.8/18

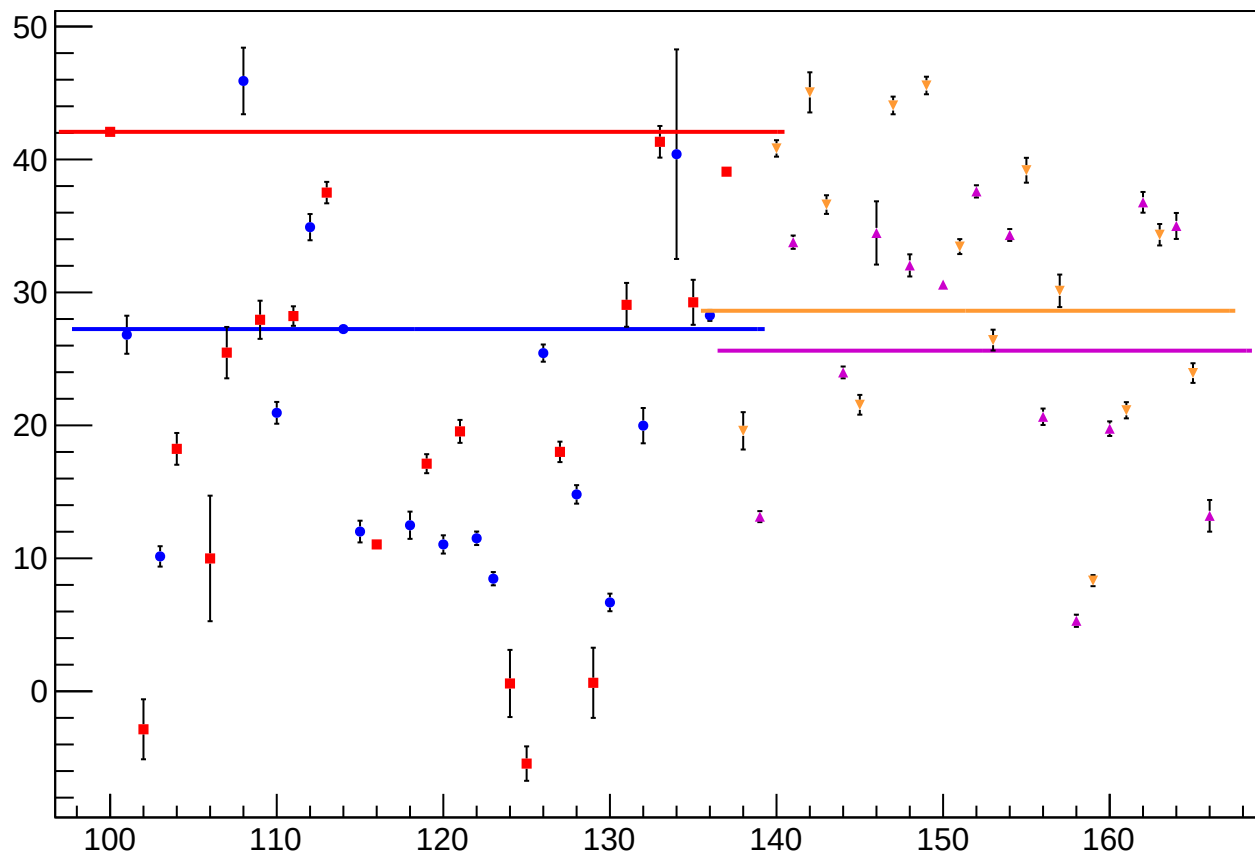
Left In: 7.544 ± 0.004 χ^2/NDF : 106324.7/13

+ sign -60.561 ± 0.000 χ^2/NDF : 401342943.7/31

All: -91.839 ± 0.000 χ^2/NDF : 429805156128

- sign -117.324 ± 0.000 χ^2/NDF : 1365811012.1/32

dit_sam2_4aX_slope vs Slug



Right In: 27.244 $\pm$ 0.000 χ^2 /NDF: 5492.1/16

Left Out: 28.620 $\pm$ 0.182 χ^2 /NDF: 4784.2/14

Right Out: 42.078 $\pm$ 0.000 χ^2 /NDF: 38215.8/18

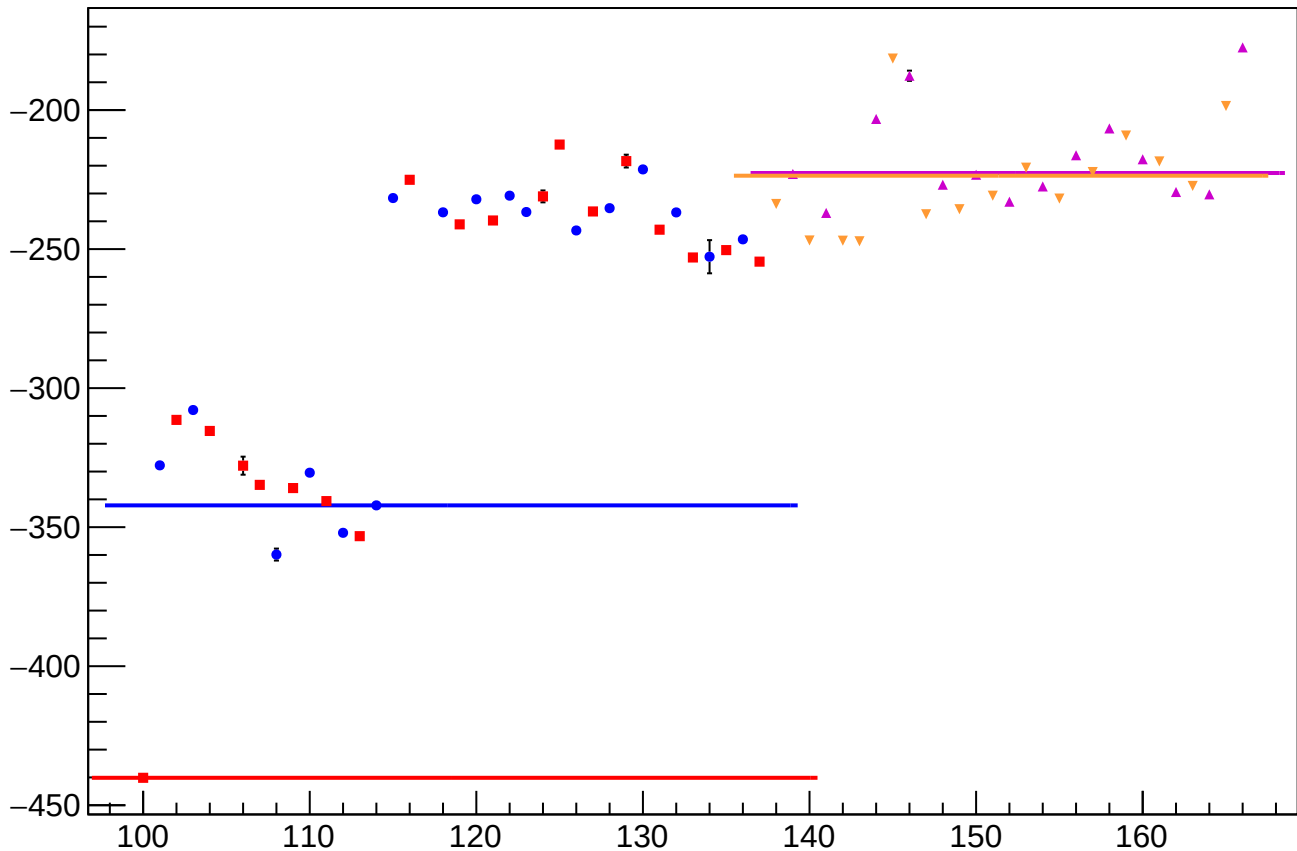
Left In: 25.619 $\pm$ 0.142 χ^2 /NDF: 5093.4/13

+ sign 27.244 $\pm$ 0.000 χ^2 /NDF: 10333.8/31

All: 35.418 $\pm$ 0.000 χ^2 /NDF: 117411719760

- sign 42.078 $\pm$ 0.000 χ^2 /NDF: 56805.3/32

dit_sam2_4eX_slope vs Slug



Right In: -342.165+/-0.000 χ^2/NDF : 307562.3/16

Left Out: -223.601+/-0.151 χ^2/NDF : 13981.7/14

Right Out: -440.136+/-0.000 χ^2/NDF : 6836158.8/18

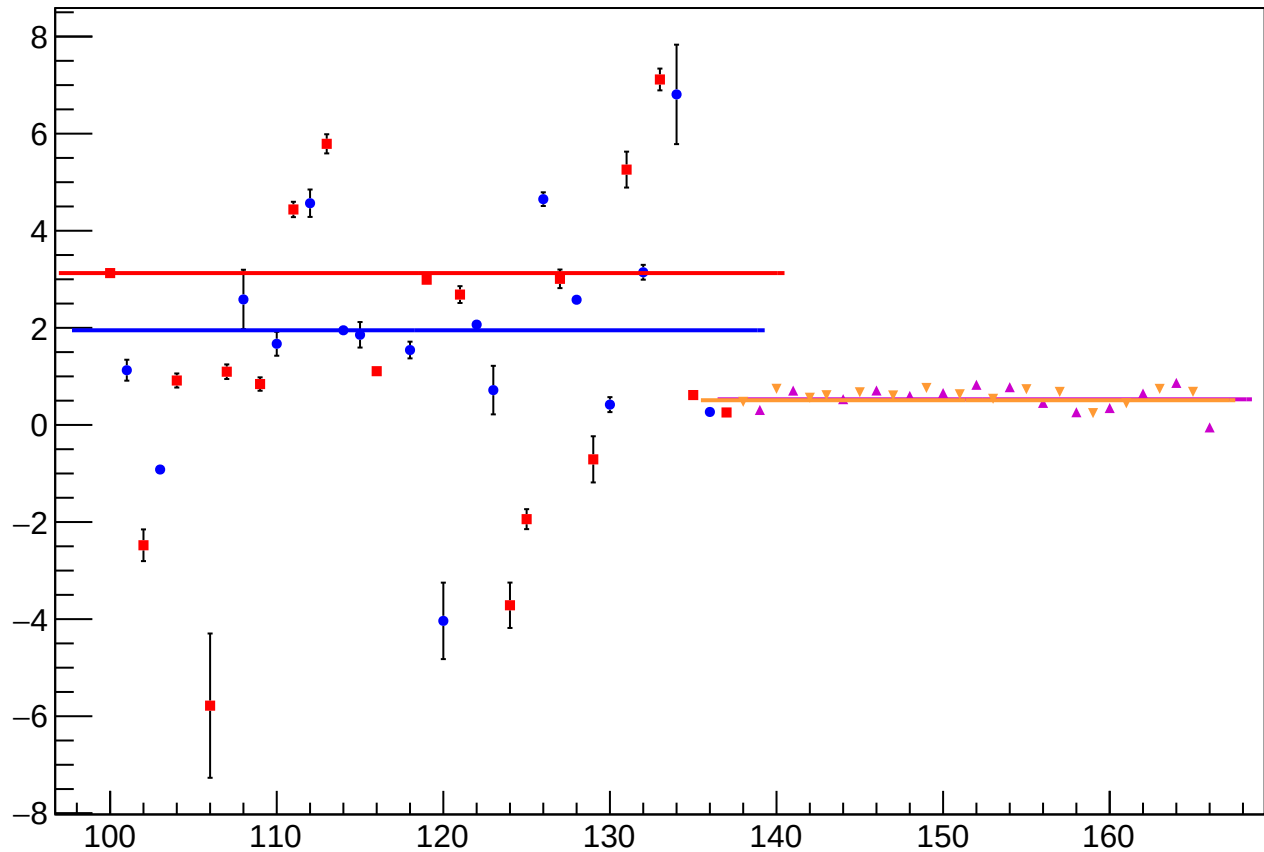
Left In: -222.631+/-0.122 χ^2/NDF : 7014.3/13

+ sign -342.165+/-0.000 χ^2/NDF : 940911.7/31

All: -376.743+/-0.000 χ^2/NDF : 1153267116

- sign -440.136+/-0.000 χ^2/NDF : 10043873.1/32

dit_sam2_11X12X_slope vs Slug



Right In: 1.950 $\pm$ 0.000 χ^2 /NDF: 64103.9/16

Left Out: 0.509 $\pm$ 0.002 χ^2 /NDF:8093.4/14

Right Out: 3.128 $\pm$ 0.000 χ^2 /NDF: 24965.4/18

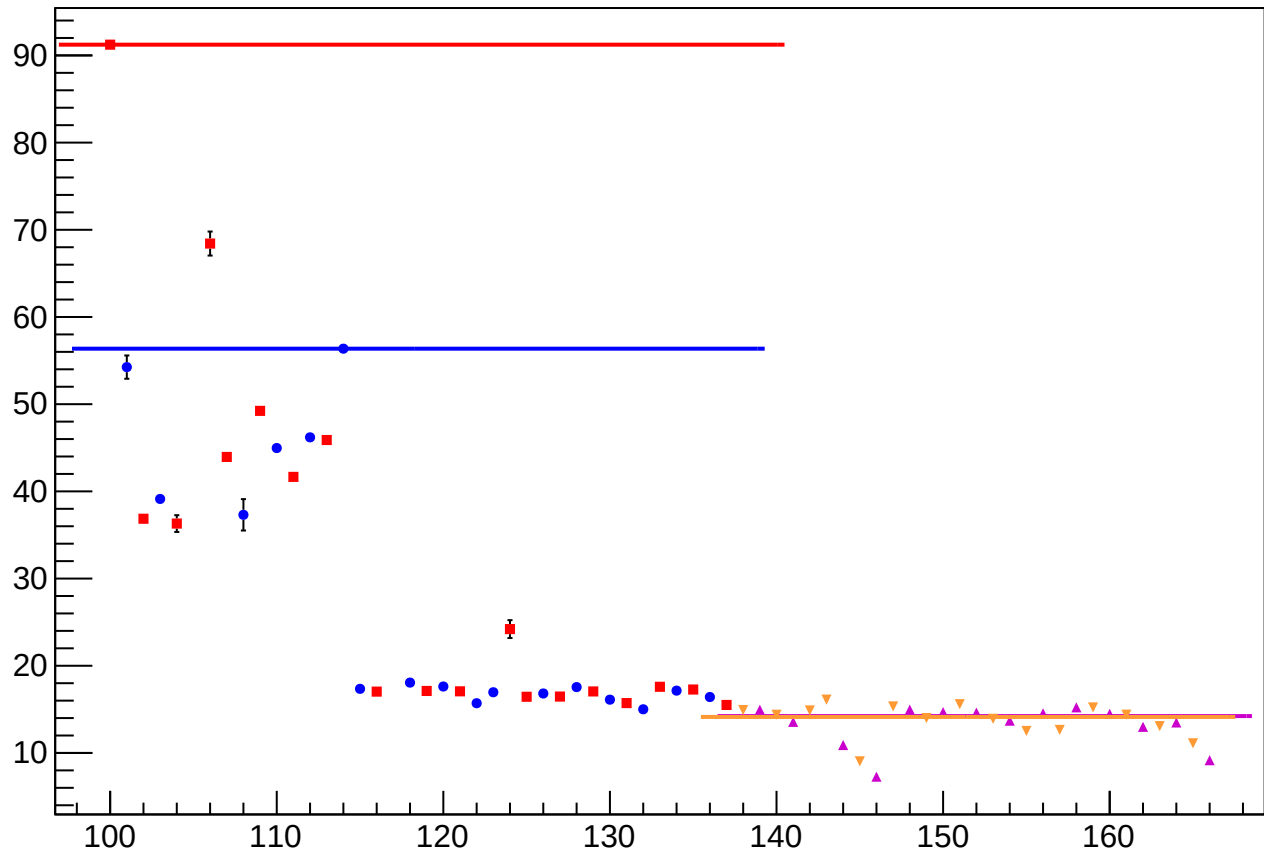
Left In: 0.528 $\pm$ 0.002 χ^2 /NDF:13290.2/13

+ sign 1.950 $\pm$ 0.000 χ^2 /NDF: 461402.9/31

All: 2.366 $\pm$ 0.000 χ^2 /NDF: 27324586822992

- sign 3.128 $\pm$ 0.000 χ^2 /NDF: 1774885.0/32

dit_sam2_4aY_slope vs Slug



Right In: 56.366+/-0.000 χ^2/NDF : 8017656.1/16

Left Out: 14.130+/-0.010 χ^2/NDF : 50088.3/14

Right Out: 91.232+/-0.000 χ^2/NDF : 17922403.4/18

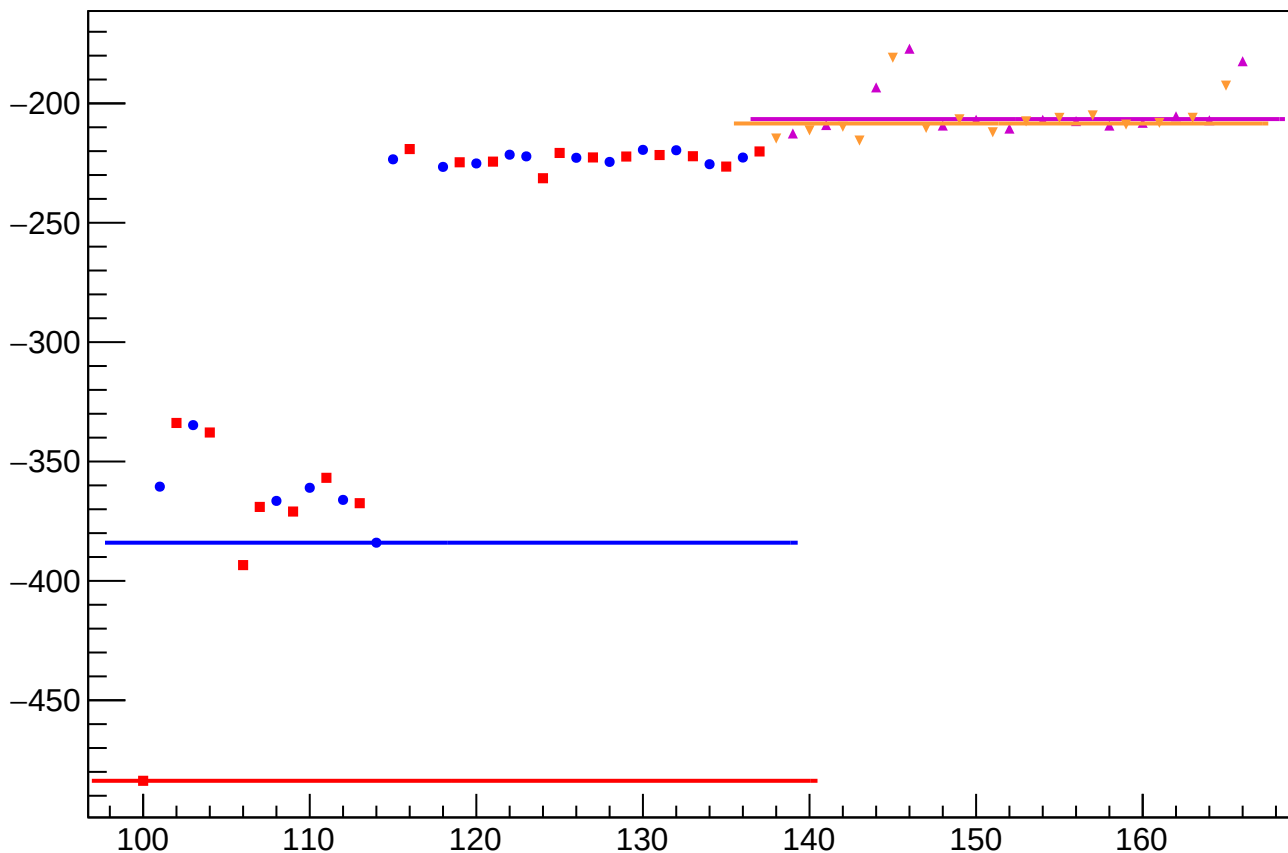
Left In: 14.230+/-0.010 χ^2/NDF : 14020.3/13

+ sign 56.366+/-0.000 χ^2/NDF : 27198947.8/31

All: 60.550+/-0.000 χ^2/NDF : 3178336126771

- sign 91.232+/-0.000 χ^2/NDF : 83624512.7/32

dit_sam2_4eY_slope vs Slug



Right In: -384.003+/-0.000 χ^2/NDF : 17098507.2/16

Left Out: -208.415+/-0.019 χ^2/NDF : 76041.4/14

Right Out: -483.735+/-0.000 χ^2/NDF : 27646775.0/18

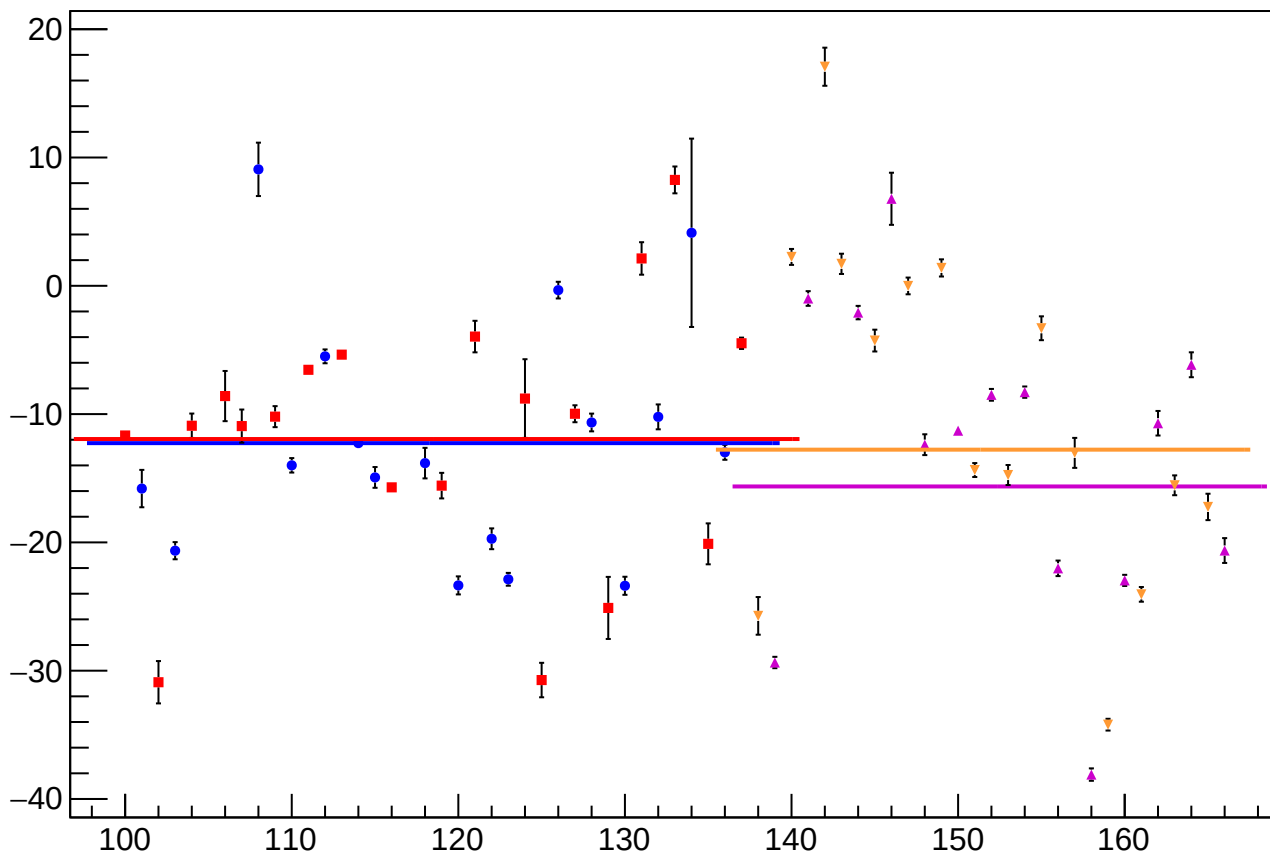
Left In: -206.570+/-0.017 χ^2/NDF : 125555.8/13

+ sign -384.003+/-0.000 χ^2/NDF : 102189594.6/31

All: -452.390+/-0.000 χ^2/NDF : 58047820362

- sign -483.735+/-0.000 χ^2/NDF : 287486561.0/32

dit_sam3_4aX_slope vs Slug



Right In: -12.264 ± 0.000 χ^2/NDF : 1844.2/16

Left Out: -12.772 ± 0.188 χ^2/NDF : 5052.5/14

Right Out: -11.943 ± 0.108 χ^2/NDF : 2527.1/18

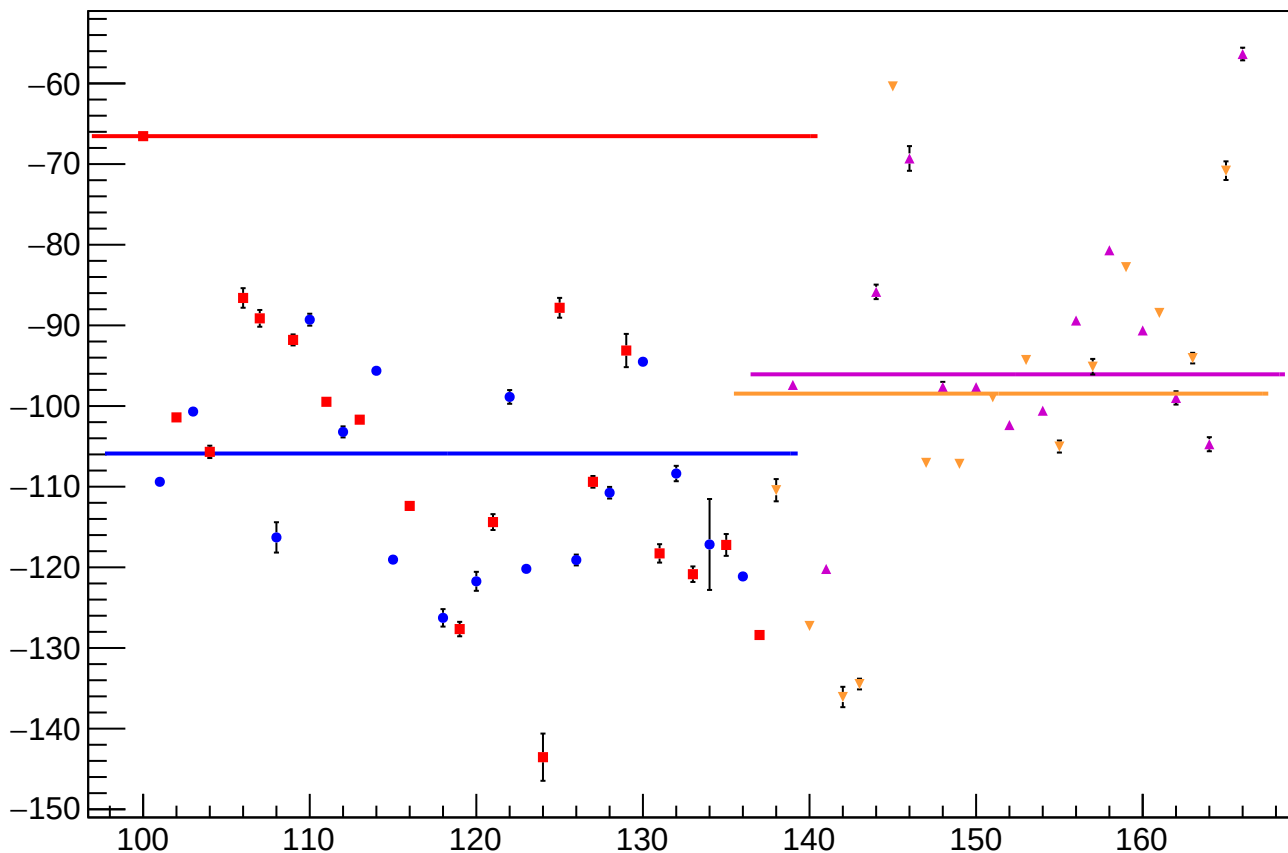
Left In: -15.640 ± 0.146 χ^2/NDF : 5786.1/13

+ sign -12.264 ± 0.000 χ^2/NDF : 6904.0/31

All: -12.264 ± 0.000 χ^2/NDF : 15763.1/64

- sign -13.251 ± 0.087 χ^2/NDF : 8729.2/32

dit_sam3_4eX_slope vs Slug



Right In: -105.886 ± 0.108 χ^2/NDF : 6351.6/16

Left Out: -98.461 ± 0.151 χ^2/NDF : 14777.7/14

Right Out: -66.536 ± 0.000 χ^2/NDF : 794335.4/18

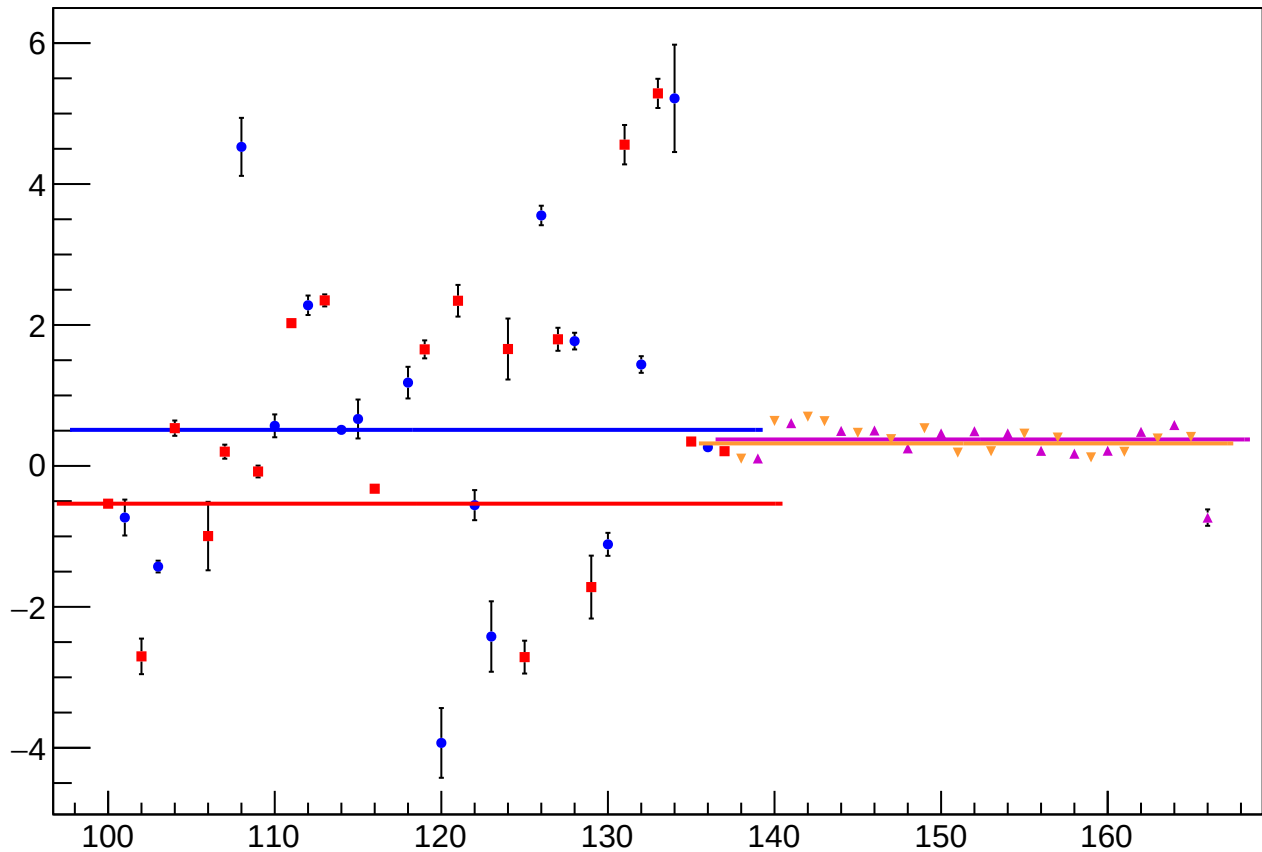
Left In: -96.069 ± 0.122 χ^2/NDF : 7946.9/13

+ sign -103.398 ± 0.088 χ^2/NDF : 22727.5/31

All: -66.536 ± 0.000 χ^2/NDF : 1060588.3/64

- sign -66.536 ± 0.000 χ^2/NDF : 861094.5/32

dit_sam3_11X12X_slope vs Slug



Right In: 0.512+/-0.000 χ^2/NDF : 3863.6/16

Left Out: 0.319+/-0.003 χ^2/NDF : 6251.2/14

Right Out: -0.536+/-0.000 χ^2/NDF : 33055.3/18

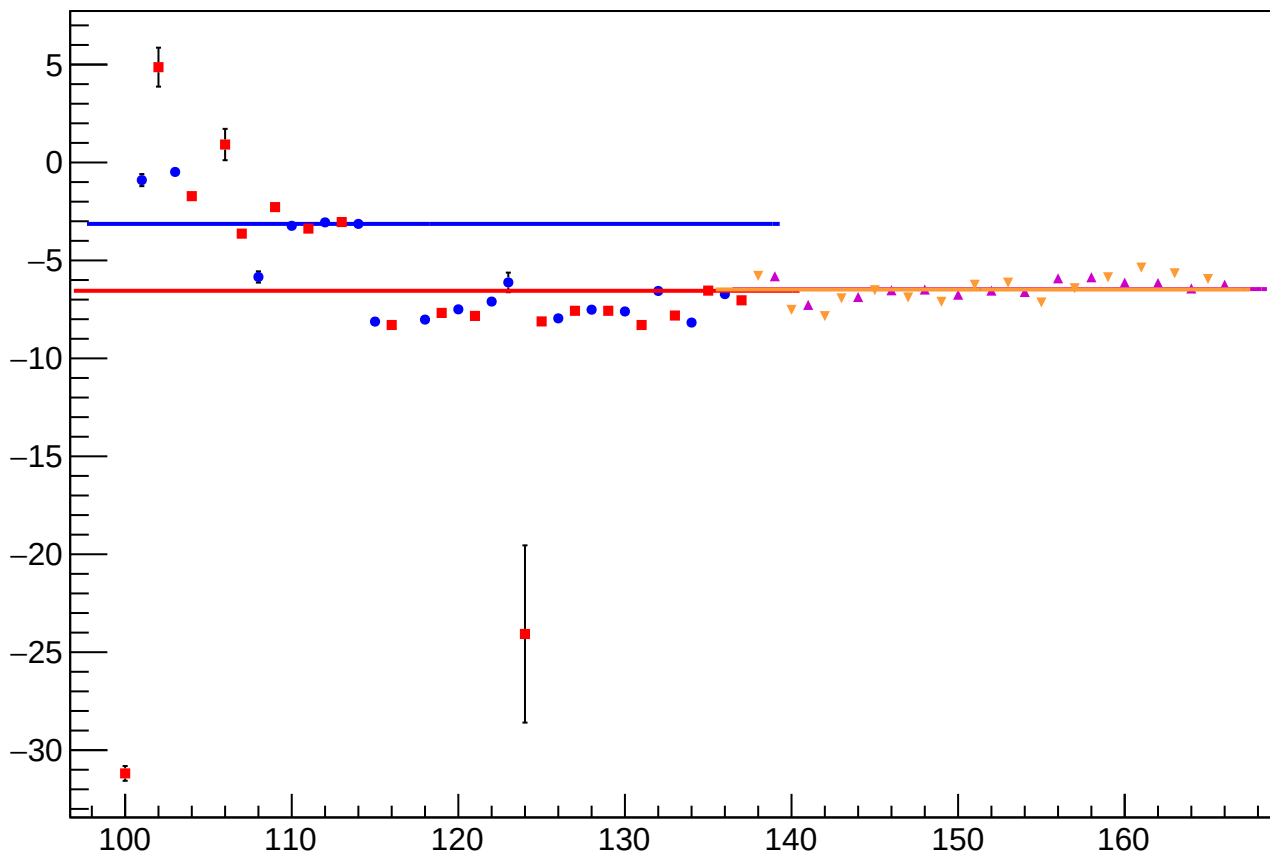
Left In: 0.376+/-0.002 χ^2/NDF : 7683.4/13

+ sign 0.512+/-0.000 χ^2/NDF : 16002.0/31

All: 0.142+/-0.000 χ^2/NDF : 34560328403056

- sign -0.536+/-0.000 χ^2/NDF : 247590.0/32

dit_sam3_4aY_slope vs Slug



Right In: -3.134 ± 0.000 χ^2/NDF : 368547.6/16

Left Out: -6.481 ± 0.008 χ^2/NDF : 5687.4/14

Right Out: -6.549 ± 0.008 χ^2/NDF : 92207.3/18

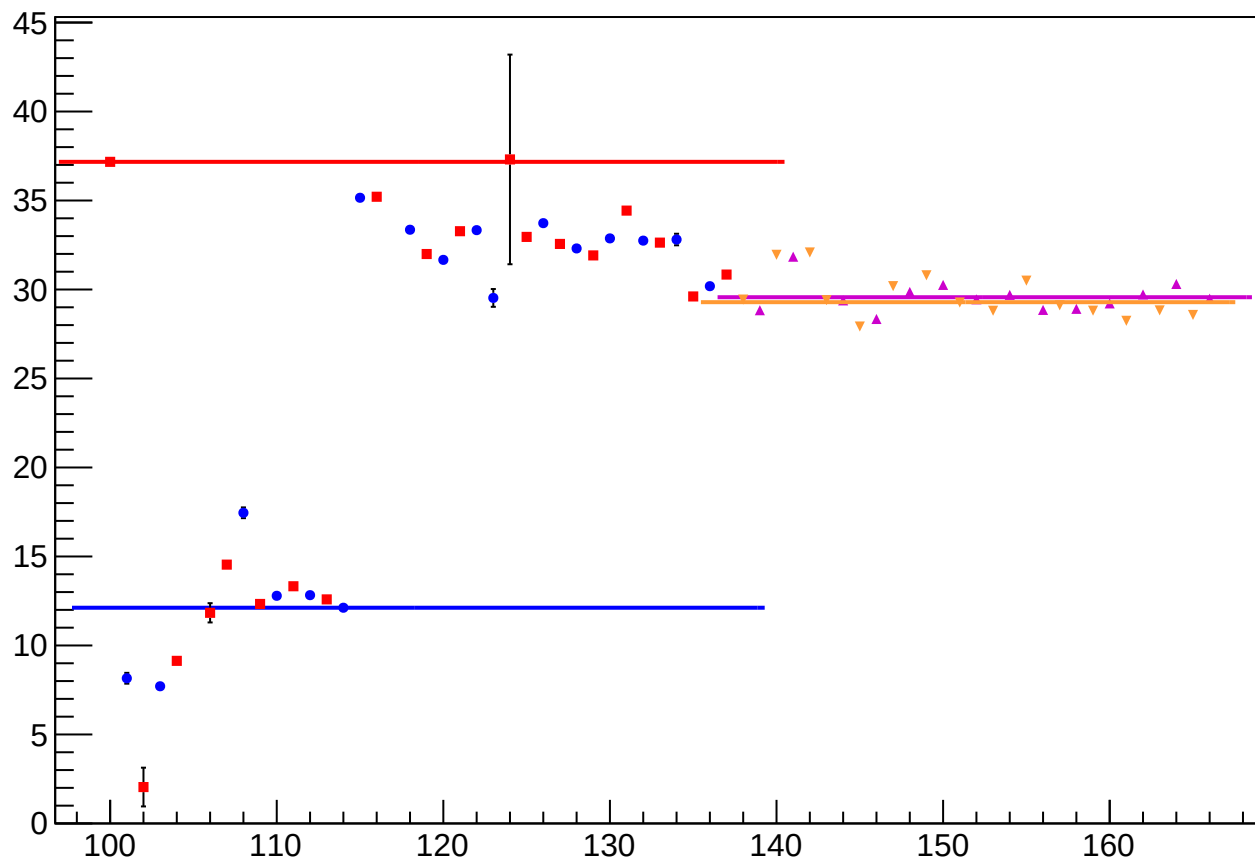
Left In: -6.462 ± 0.006 χ^2/NDF : 5357.1/13

+ sign -3.134 ± 0.000 χ^2/NDF : 567121.0/31

All: -3.134 ± 0.000 χ^2/NDF : 1194871.9/64

- sign -6.495 ± 0.005 χ^2/NDF : 97648.6/32

dit_sam3_4eY_slope vs Slug



Right In: 12.121+/-0.000 χ^2/NDF : 1993680.8/16

Left Out: 29.288+/-0.012 χ^2/NDF : 8378.7/14

Right Out: 37.173+/-0.000 χ^2/NDF : 1531278.0/18

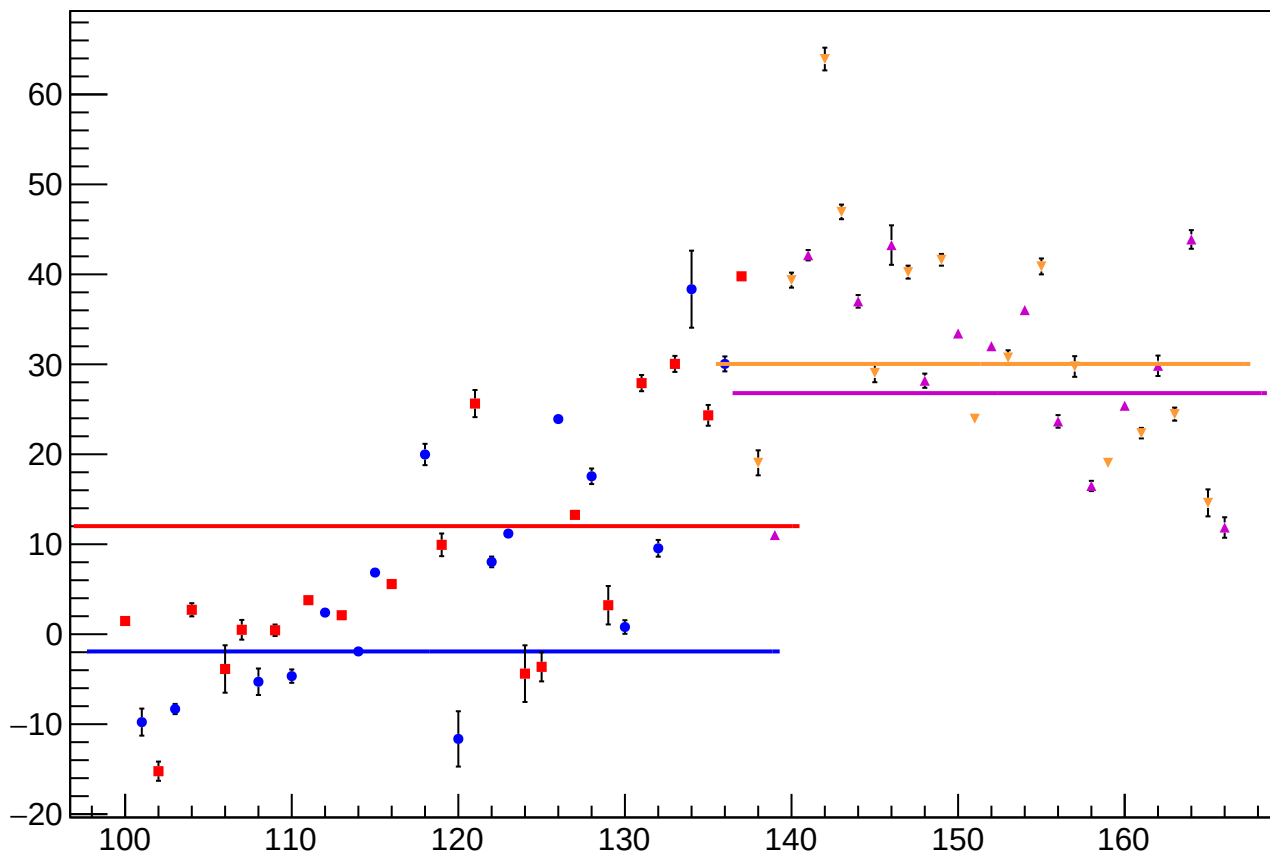
Left In: 29.567+/-0.011 χ^2/NDF : 3011.9/13

+ sign 12.121+/-0.000 χ^2/NDF : 3894458.1/31

All: 15.127+/-0.000 χ^2/NDF : 656355411606

- sign 37.173+/-0.000 χ^2/NDF : 2018549.1/32

dit_sam4_4aX_slope vs Slug



Right In: -1.915 ± 0.000 χ^2/NDF : 6338.8/16

Left Out: 30.041 ± 0.194 χ^2/NDF : 3058.5/14

Right Out: 12.014 ± 0.135 χ^2/NDF : 12576.1/18

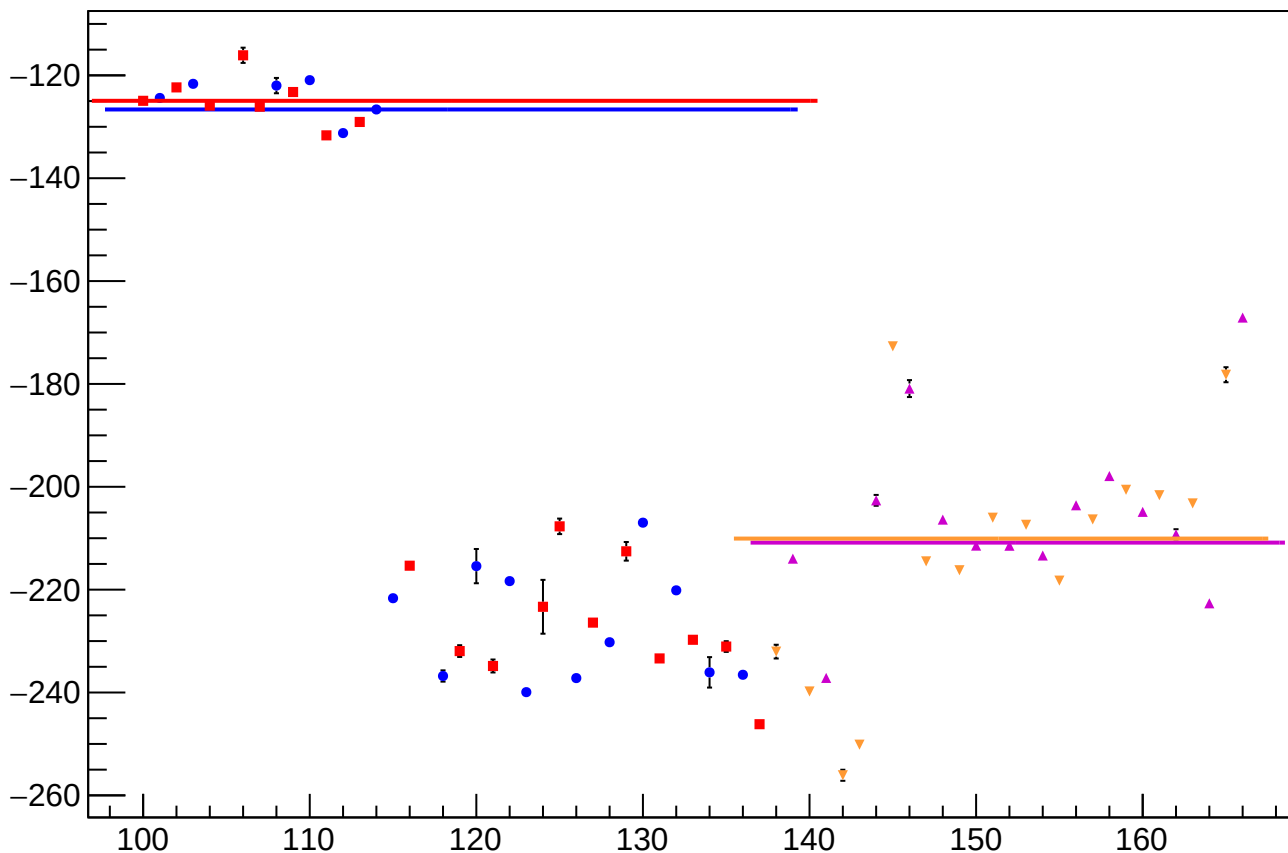
Left In: 26.798 ± 0.145 χ^2/NDF : 5075.1/13

+ sign -1.915 ± 0.000 χ^2/NDF : 36587.9/31

All: -1.915 ± 0.000 χ^2/NDF : 104276.6/64

- sign 18.907 ± 0.099 χ^2/NDF : 23229.4/32

dit_sam4_4eX_slope vs Slug



Right In: -126.632 ± 0.000 $\chi^2/\text{NDF}: 278525.1/16$

Left Out: -210.068 ± 0.157 $\chi^2/\text{NDF}: 12124.0/14$

Right Out: -124.949 ± 0.000 $\chi^2/\text{NDF}: 470459.3/18$

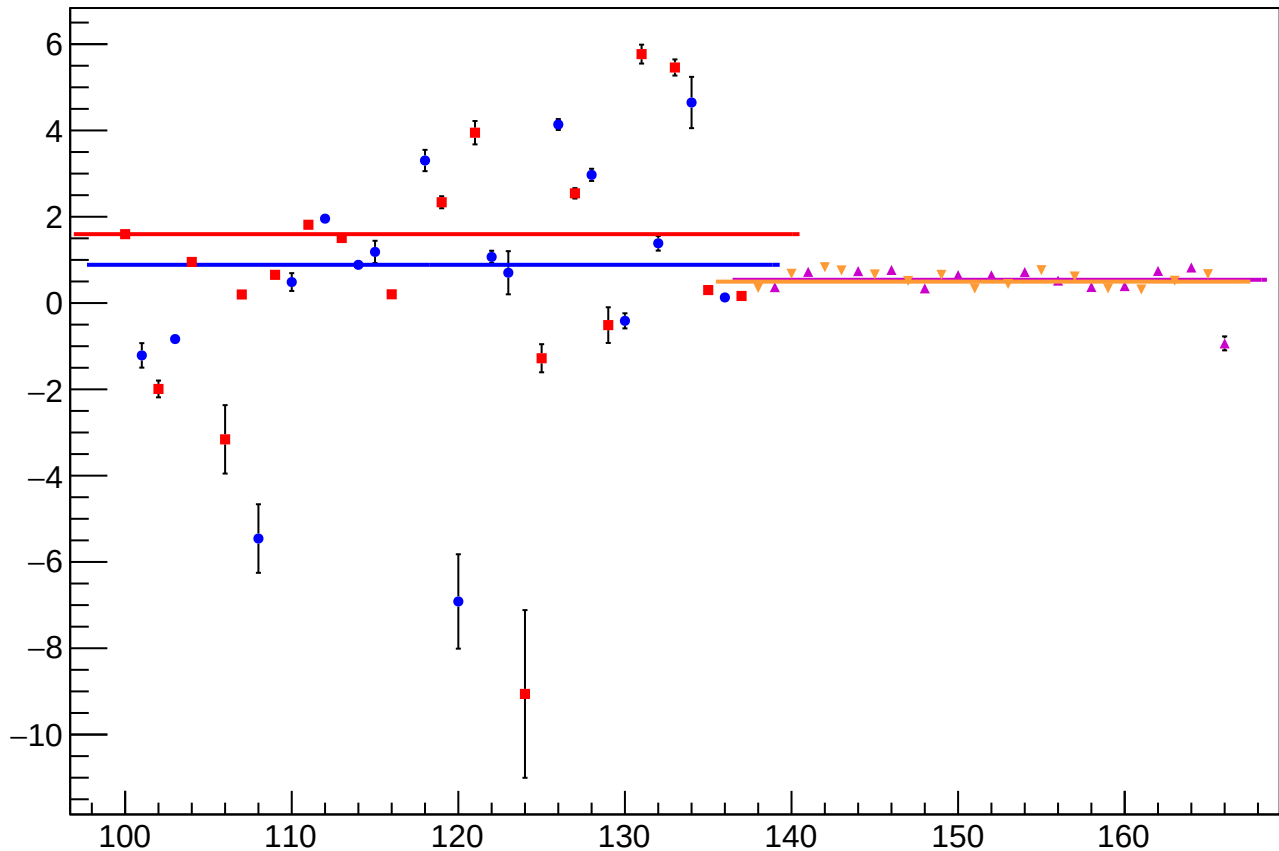
Left In: -210.855 ± 0.121 $\chi^2/\text{NDF}: 7447.2/13$

+ sign -126.632 ± 0.000 $\chi^2/\text{NDF}: 574854.9/31$

All: -126.038 ± 0.000 $\chi^2/\text{NDF}: 60537895424$

- sign -124.949 ± 0.000 $\chi^2/\text{NDF}: 980534.1/32$

dit_sam4_11X12X_slope vs Slug



Right In: 0.886 ± 0.000 χ^2/NDF : 9294.4/16

Left Out: 0.497 ± 0.003 χ^2/NDF : 3308.7/14

Right Out: 1.597 ± 0.000 χ^2/NDF : 4615.5/18

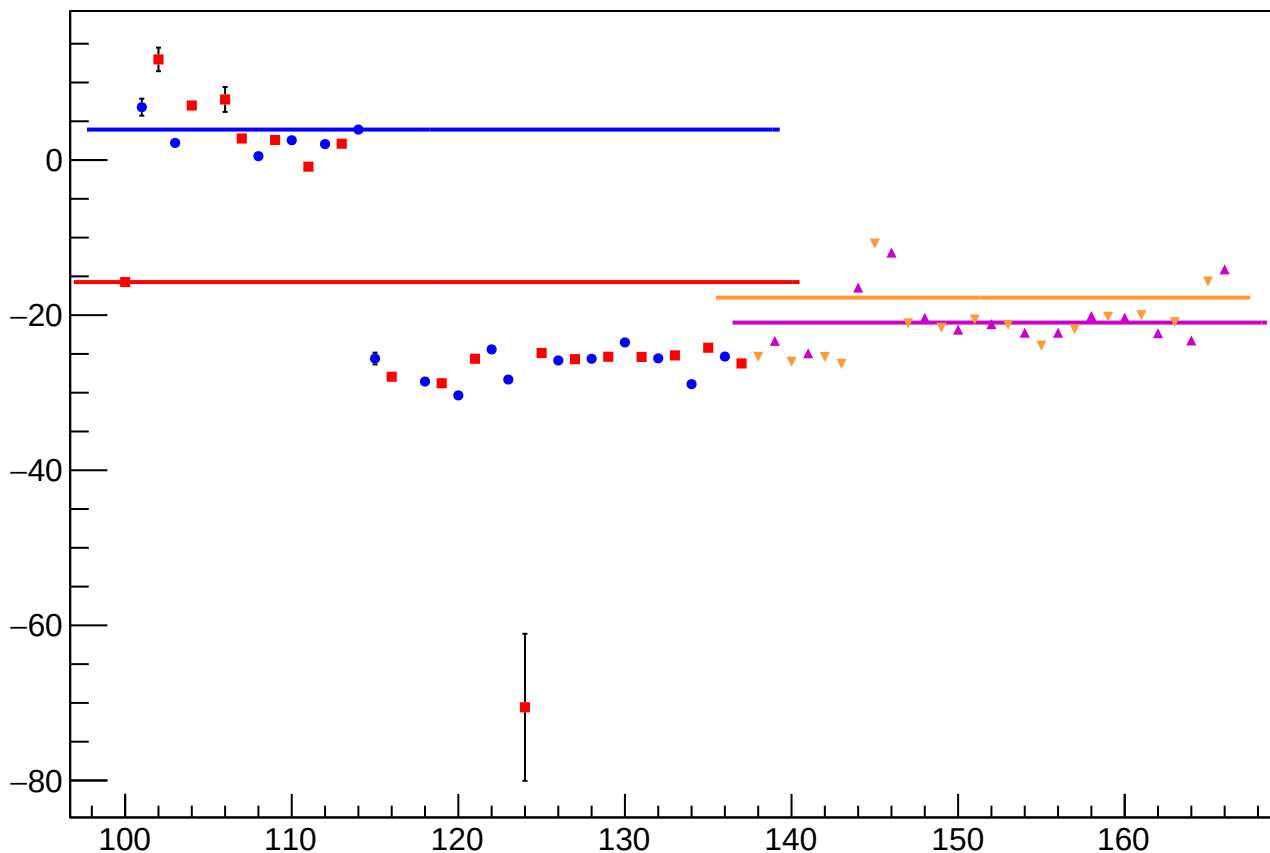
Left In: 0.539 ± 0.002 χ^2/NDF : 4357.5/13

+ sign 0.886 ± 0.000 χ^2/NDF : 30100.5/31

All: 1.137 ± 0.000 χ^2/NDF : 39737604737084

- sign 1.597 ± 0.000 χ^2/NDF : 198267.9/32

dit_sam4_4aY_slope vs Slug



Right In: 3.930 ± 0.000 χ^2/NDF : 6140834.2/16

Left Out: -17.739 ± 0.015 χ^2/NDF : 121524.0/14

Right Out: -15.737 ± 0.000 χ^2/NDF : 267951.2/18

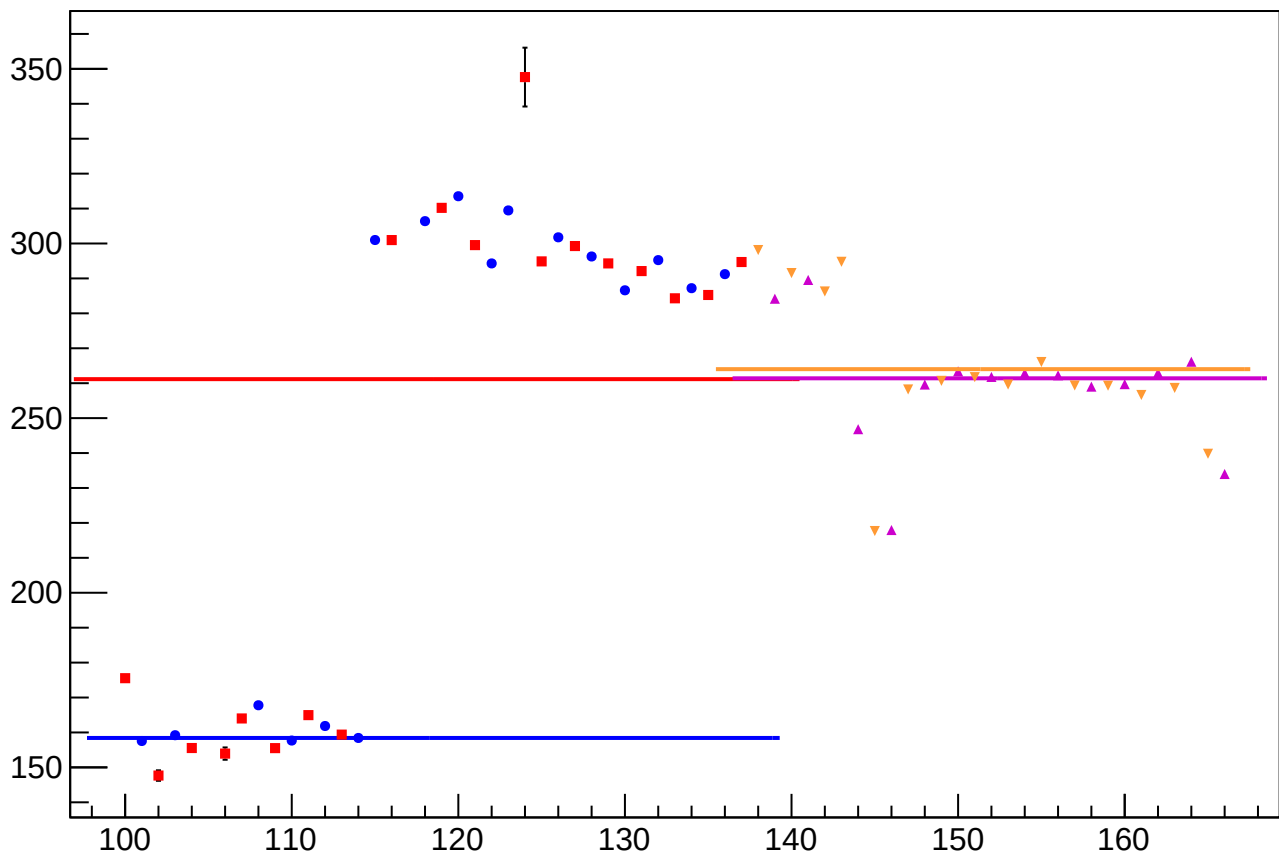
Left In: -20.958 ± 0.016 χ^2/NDF : 12172.2/13

+ sign 3.930 ± 0.000 χ^2/NDF : 8292908.2/31

All: 3.282 ± 0.000 χ^2/NDF : 71120480173548

- sign -15.737 ± 0.000 χ^2/NDF : 392506.9/32

dit_sam4_4eY_slope vs Slug



Right In: 158.426+/-0.000 χ^2/NDF : 3516706.2/16

Left Out: 264.021+/-0.038 χ^2/NDF : 203343.0/14

Right Out: 261.159+/-0.058 χ^2/NDF : 1071248.7/18

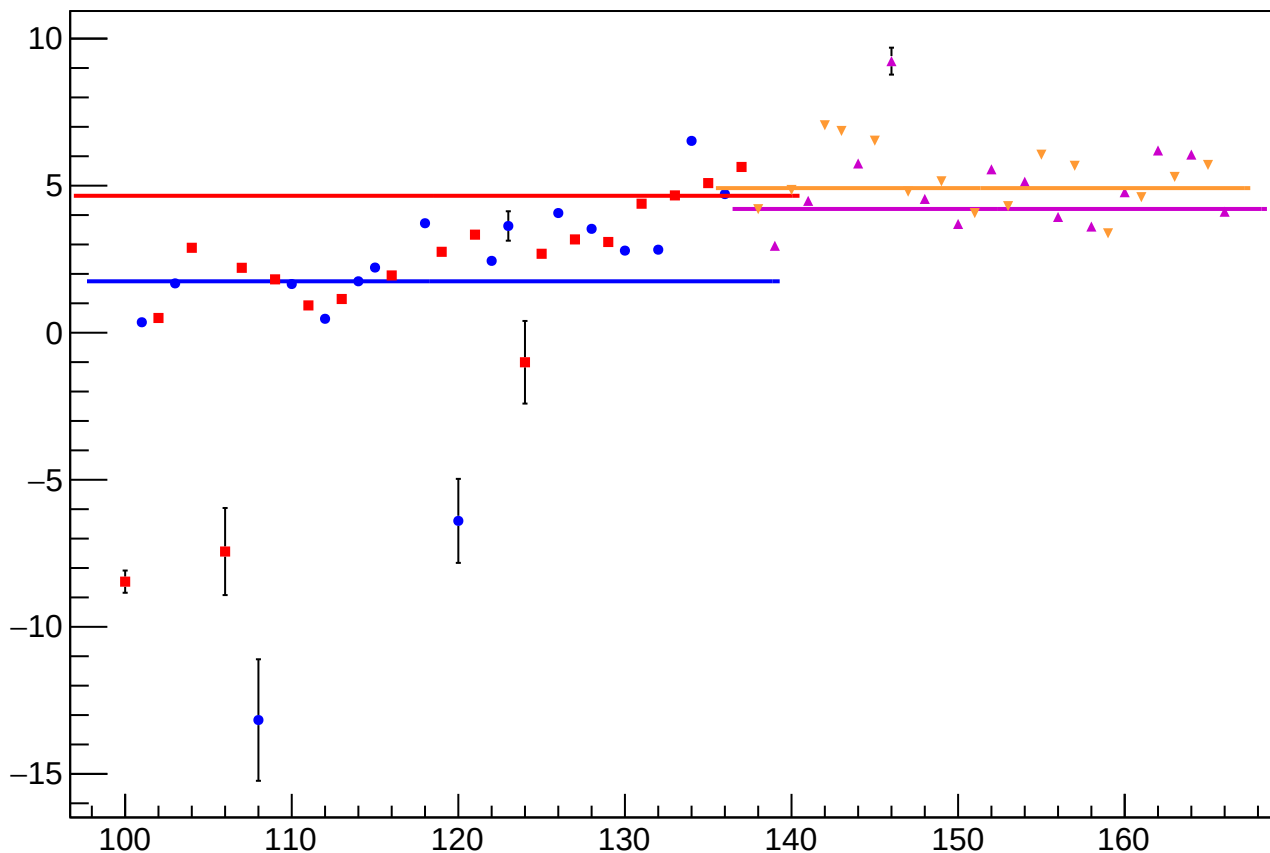
Left In: 261.397+/-0.033 χ^2/NDF : 46773.9/13

+ sign 158.426+/-0.000 χ^2/NDF : 11382223.5/31

All: 158.426+/-0.000 χ^2/NDF : 25353146.6/64

- sign 261.339+/-0.029 χ^2/NDF : 1118035.2/32

dit_sam5_4aX_slope vs Slug



Right In: 1.748 ± 0.000 $\chi^2/\text{NDF}: 11344.3/16$

Left Out: 4.917 ± 0.016 $\chi^2/\text{NDF}: 2081.1/14$

Right Out: 4.656 ± 0.006 $\chi^2/\text{NDF}: 68303.7/18$

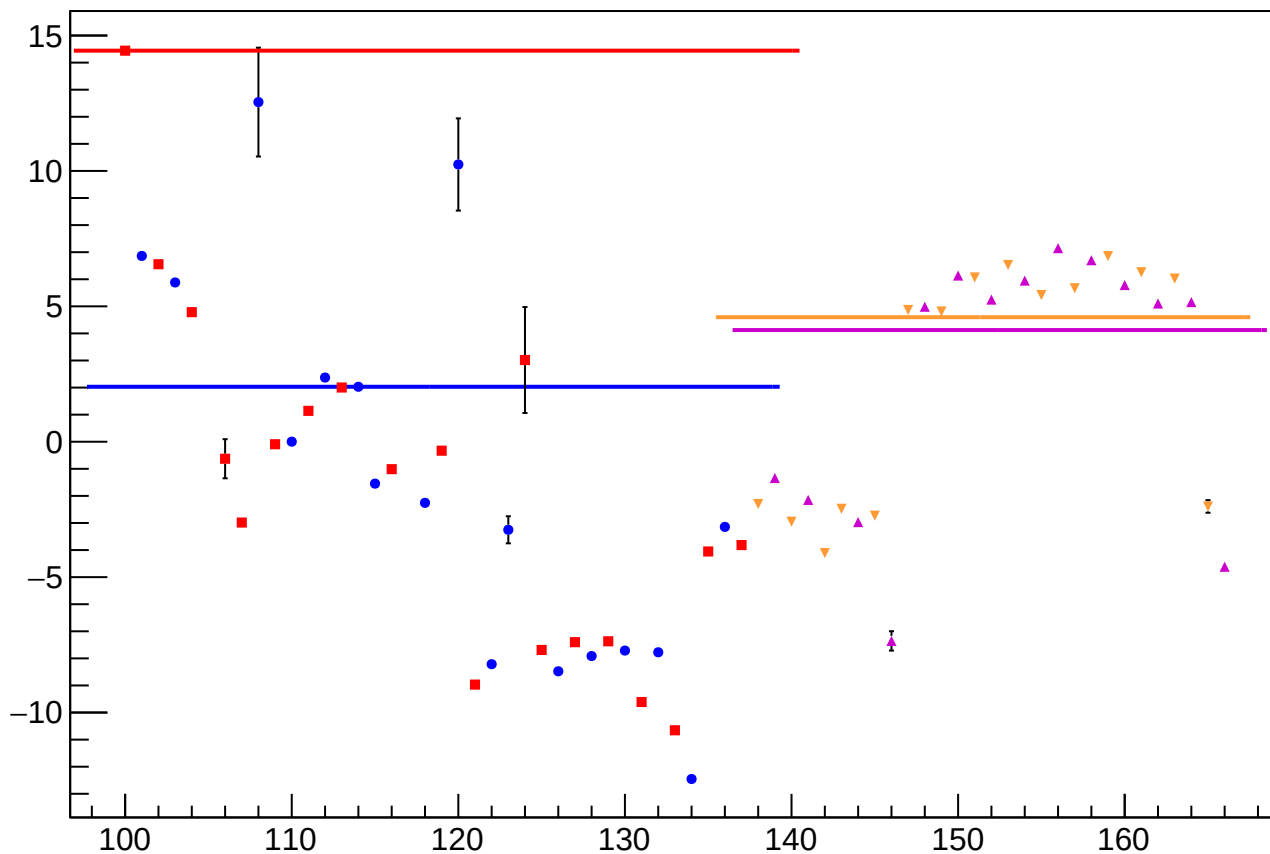
Left In: 4.208 ± 0.016 $\chi^2/\text{NDF}: 3239.1/13$

+ sign 1.748 ± 0.000 $\chi^2/\text{NDF}: 51503.8/31$

All: 1.748 ± 0.000 $\chi^2/\text{NDF}: 356779.1/64$

- sign 4.592 ± 0.006 $\chi^2/\text{NDF}: 72245.0/32$

dit_sam5_4eX_slope vs Slug



Right In: 2.030 $\pm$ 0.000 χ^2 /NDF: 202792.6/16

Left Out: 4.600 $\pm$ 0.013 χ^2 /NDF: 41146.8/14

Right Out: 14.441 $\pm$ 0.000 χ^2 /NDF: 5836025.9/18

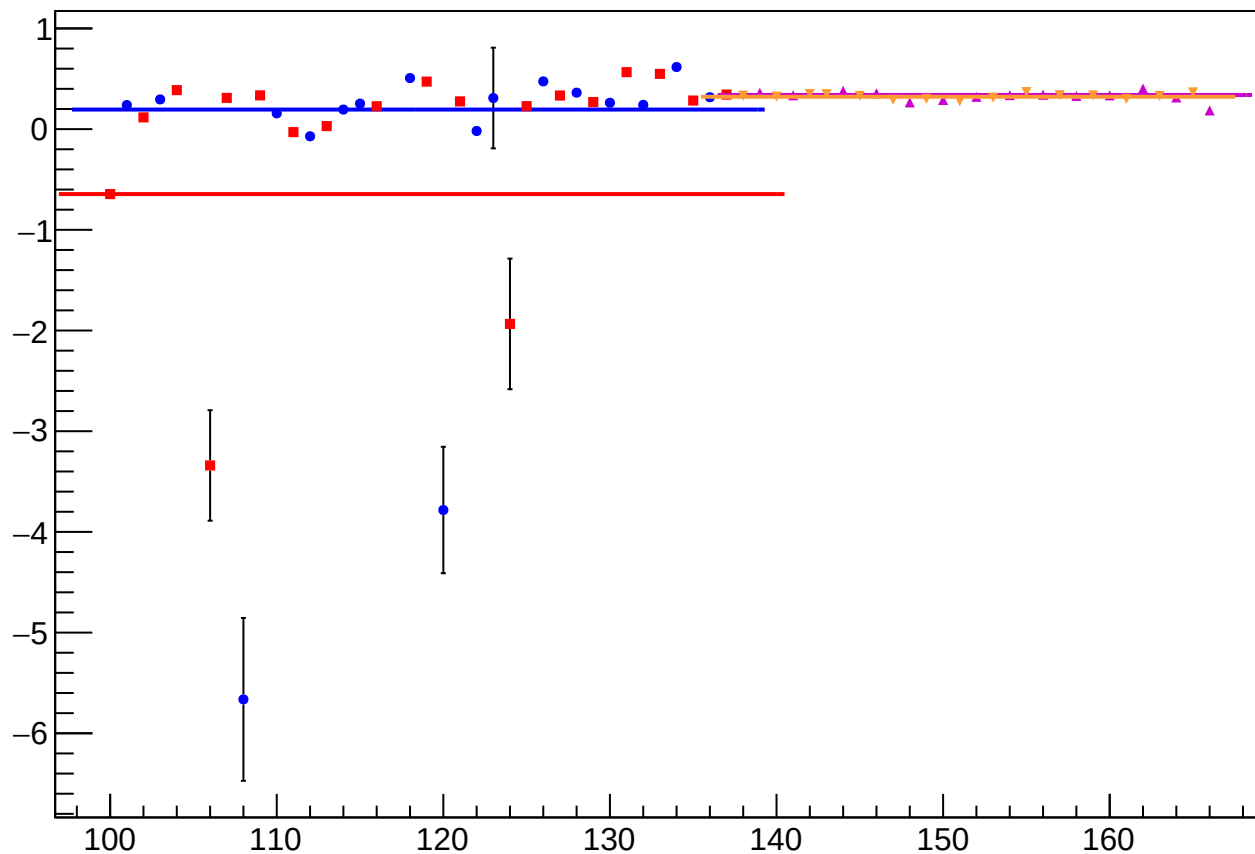
Left In: 4.124 $\pm$ 0.013 χ^2 /NDF: 66986.6/13

+ sign 2.030 $\pm$ 0.000 χ^2 /NDF: 280541.3/31

All: 2.439 $\pm$ 0.000 χ^2 /NDF: 7081114534903

- sign 14.441 $\pm$ 0.000 χ^2 /NDF: 6499993.1/32

dit_sam5_11X12X_slope vs Slug



Right In: 0.194 $\pm$ 0.000 χ^2 /NDF: 9617.3/16

Left Out: 0.321 $\pm$ 0.001 χ^2 /NDF: 1396.3/14

Right Out: -0.645 $\pm$ 0.000 χ^2 /NDF: 191963.2/18

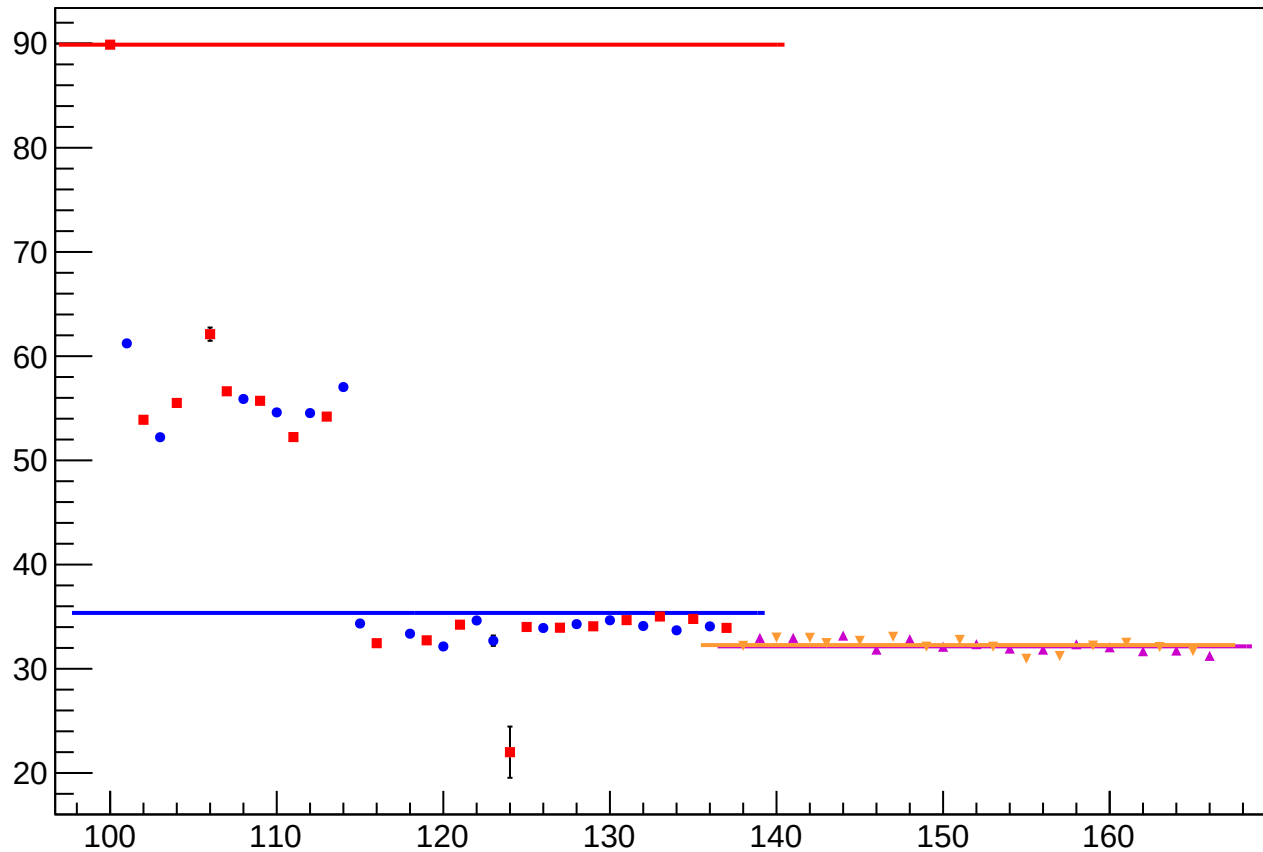
Left In: 0.339 $\pm$ 0.001 χ^2 /NDF: 2878.3/13

+ sign 0.194 $\pm$ 0.000 χ^2 /NDF: 50925.8/31

All: 0.167 $\pm$ 0.000 χ^2 /NDF: 3316576528455

- sign -0.645 $\pm$ 0.000 χ^2 /NDF: 2334021.9/32

dit_sam5_4aY_slope vs Slug



Right In: 35.361+/-0.011 χ^2/NDF : 204481.2/16

Left Out: 32.274+/-0.004 χ^2/NDF : 4376.7/14

Right Out: 89.893+/-0.000 χ^2/NDF : 68670863.1/18

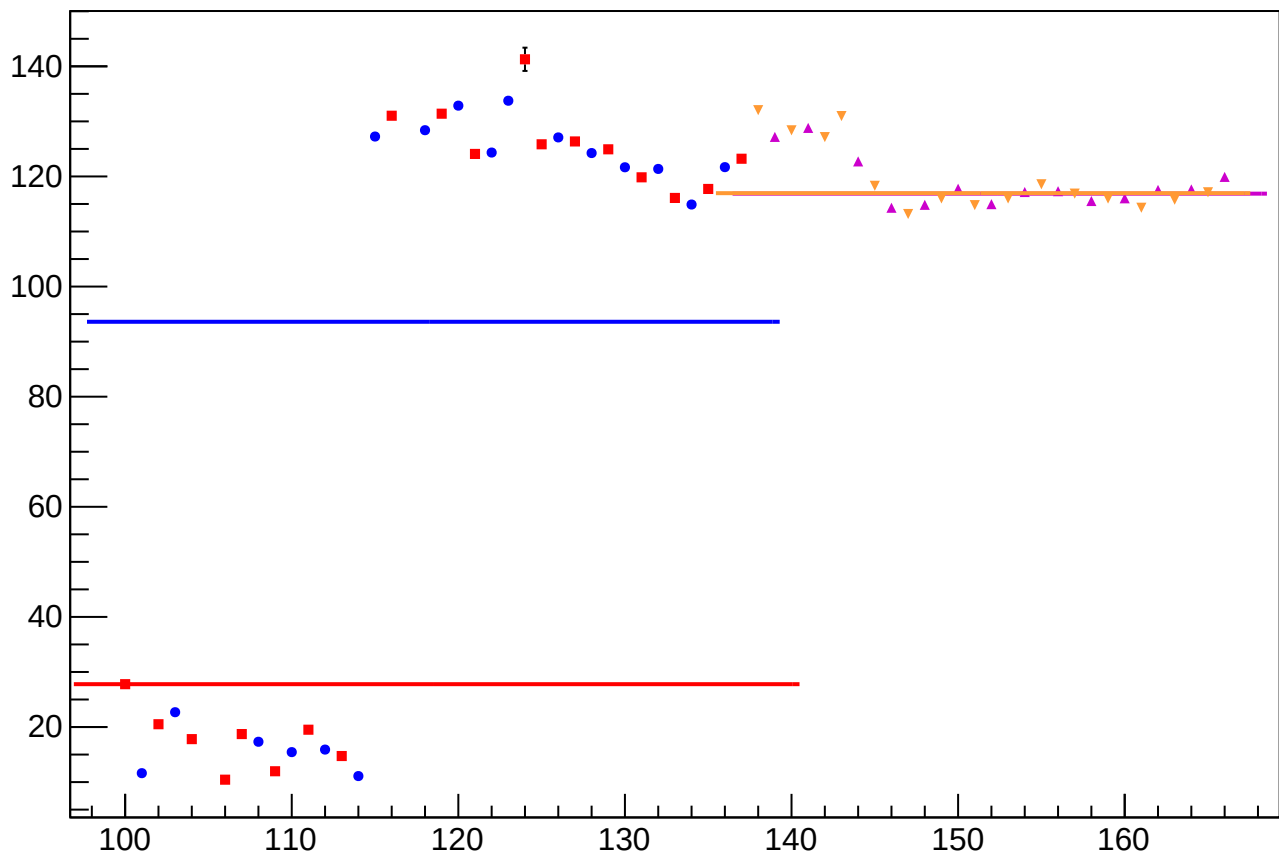
Left In: 32.151+/-0.004 χ^2/NDF : 7354.1/13

+ sign 32.706+/-0.004 χ^2/NDF : 275694.1/31

All: 89.893+/-0.000 χ^2/NDF : 440897473.9/64

- sign 89.893+/-0.000 χ^2/NDF : 249971312.8/32

dit_sam5_4eY_slope vs Slug



Right In: 93.605 $\pm$ 0.027 χ^2 /NDF: 2987877.5/16

Left Out: 116.962 $\pm$ 0.010 χ^2 /NDF:136473.8/14

Right Out: 27.785 $\pm$ 0.000 χ^2 /NDF: 7919263.8/18

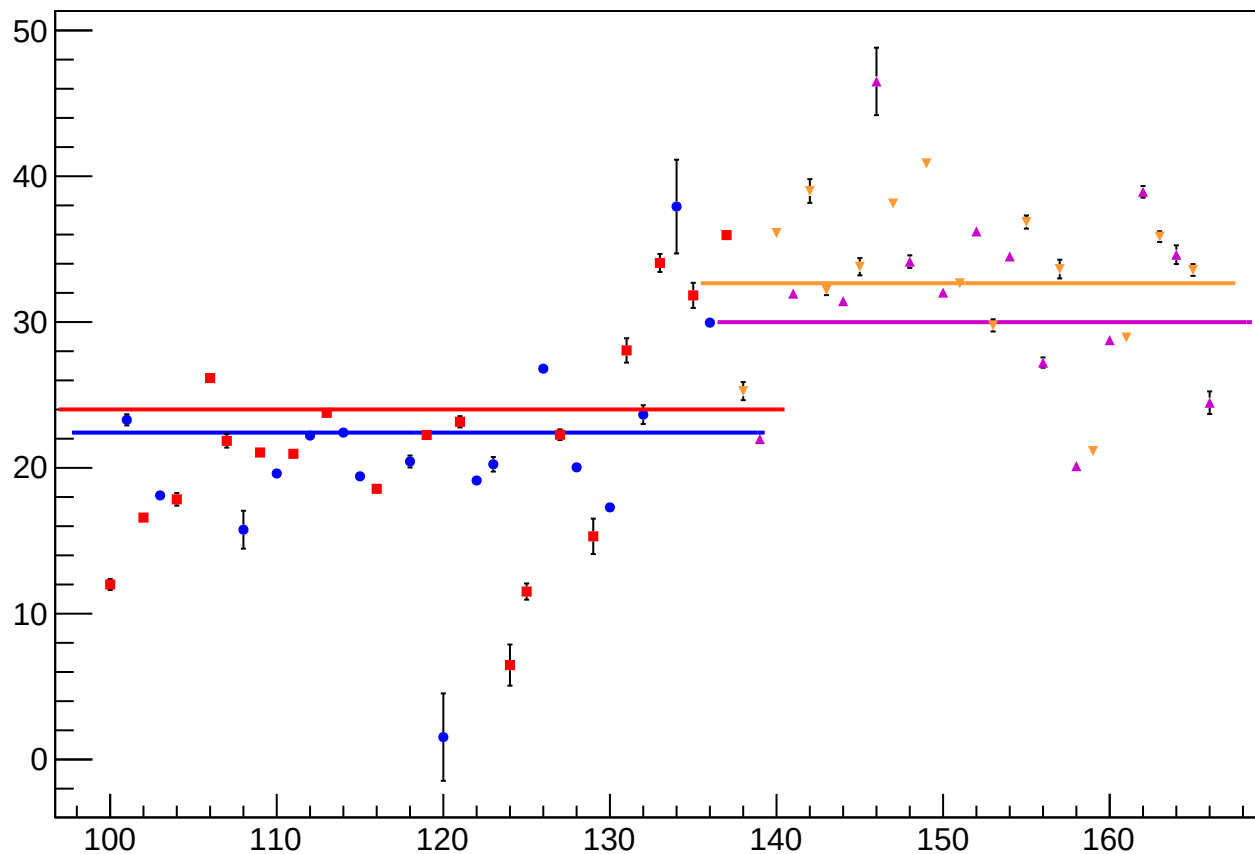
Left In: 116.875 $\pm$ 0.009 χ^2 /NDF:42677.5/13

+ sign 114.104 $\pm$ 0.009 χ^2 /NDF: 3786015.5/31

All: 27.785 $\pm$ 0.000 χ^2 /NDF: 184115496.0/64

- sign 27.785 $\pm$ 0.000 χ^2 /NDF: 96202322.8/32

dit_sam6_4aX_slope vs Slug



Right In: 22.418 ± 0.000 χ^2/NDF : 3247.9/16

Left Out: 32.665 ± 0.095 χ^2/NDF : 3670.2/14

Right Out: 24.008 ± 0.058 χ^2/NDF : 15408.9/18

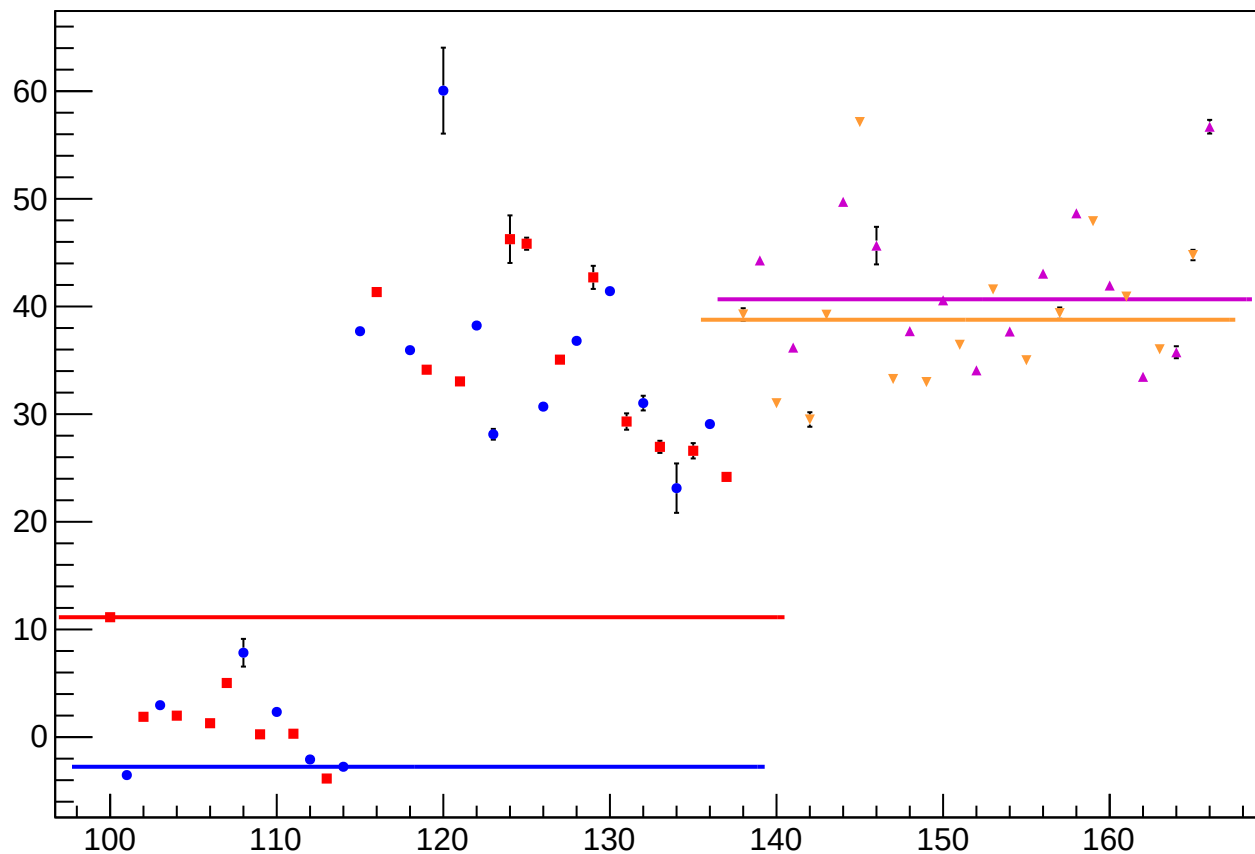
Left In: 29.994 ± 0.079 χ^2/NDF : 4686.0/13

+ sign 22.418 ± 0.000 χ^2/NDF : 18587.9/31

All: 22.418 ± 0.000 χ^2/NDF : 48718.9/64

- sign 26.105 ± 0.047 χ^2/NDF : 23857.4/32

dit_sam6_4eX_slope vs Slug



Right In: -2.754+/-0.000 χ^2 /NDF: 149281.3/16

Left Out: 38.770+/-0.079 χ^2 /NDF:6414.5/14

Right Out: 11.137+/-0.000 χ^2 /NDF: 2575367.3/18

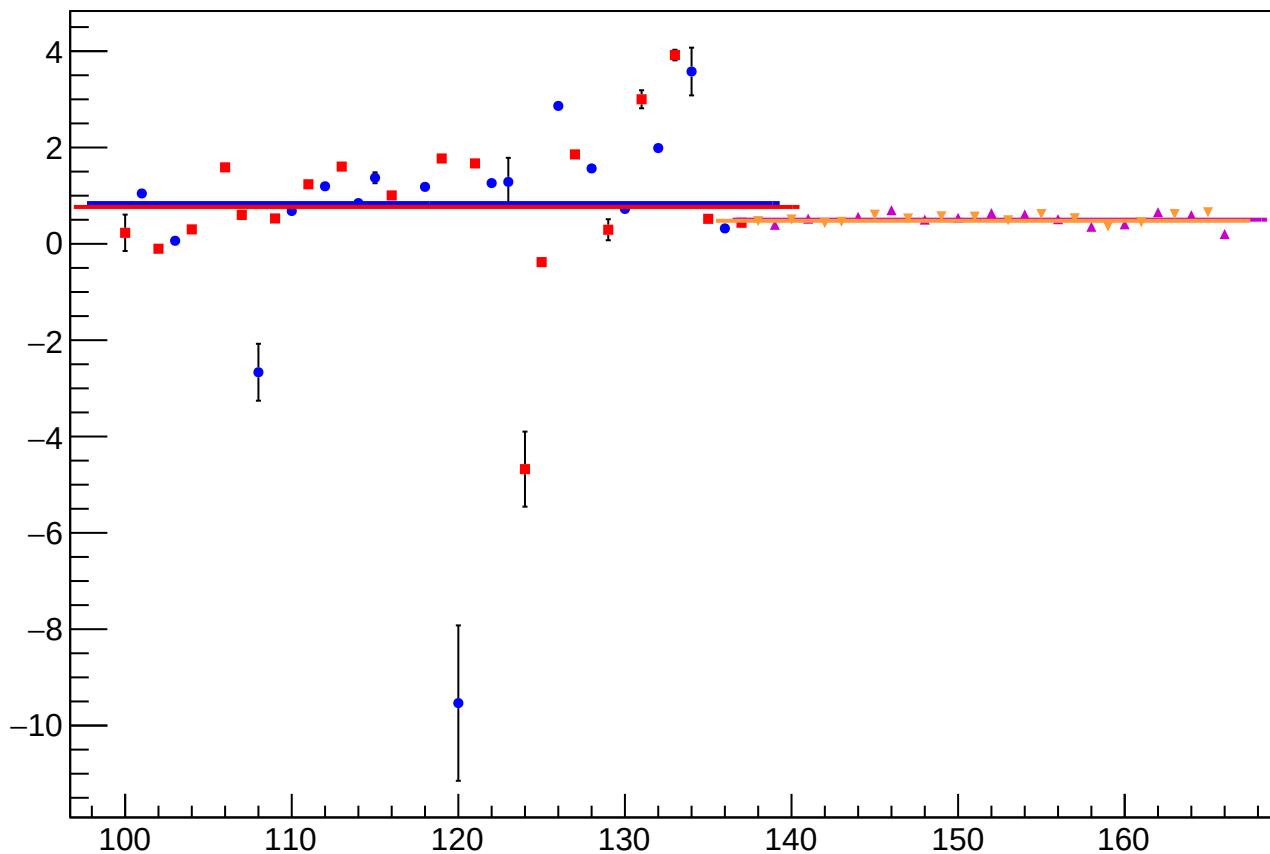
Left In: 40.669+/-0.065 χ^2 /NDF:4825.4/13

+ sign -2.754+/-0.000 χ^2 /NDF: 433240.7/31

All: -2.637+/-0.000 χ^2 /NDF: 9095226728437

- sign 11.137+/-0.000 χ^2 /NDF: 2788466.8/32

dit_sam6_11X12X_slope vs Slug



Right In: 0.846 ± 0.000 χ^2/NDF : 16305.8/16

Left Out: 0.479 ± 0.001 χ^2/NDF : 6057.7/14

Right Out: 0.766 ± 0.007 χ^2/NDF : 4211.3/18

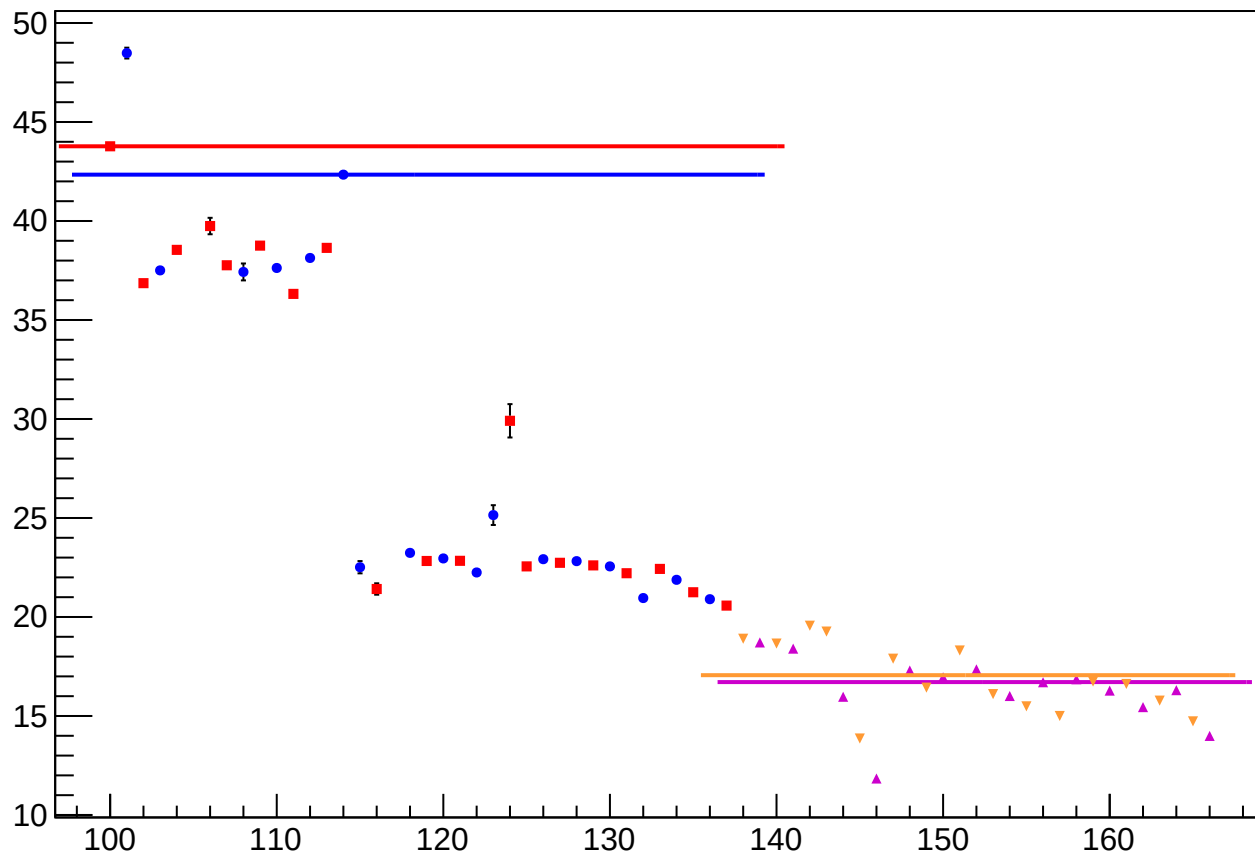
Left In: 0.502 ± 0.001 χ^2/NDF : 8650.4/13

+ sign 0.846 ± 0.000 χ^2/NDF : 110130.9/31

All: 0.846 ± 0.000 χ^2/NDF : 205276.0/64

- sign 0.510 ± 0.001 χ^2/NDF : 14270.7/32

dit_sam6_4aY_slope vs Slug



Right In: 42.341 $\pm$ 0.000 χ^2 /NDF: 4058390.3/16

Left Out: 17.061 $\pm$ 0.007 χ^2 /NDF: 45749.3/14

Right Out: 43.773 $\pm$ 0.000 χ^2 /NDF: 4579991.9/18

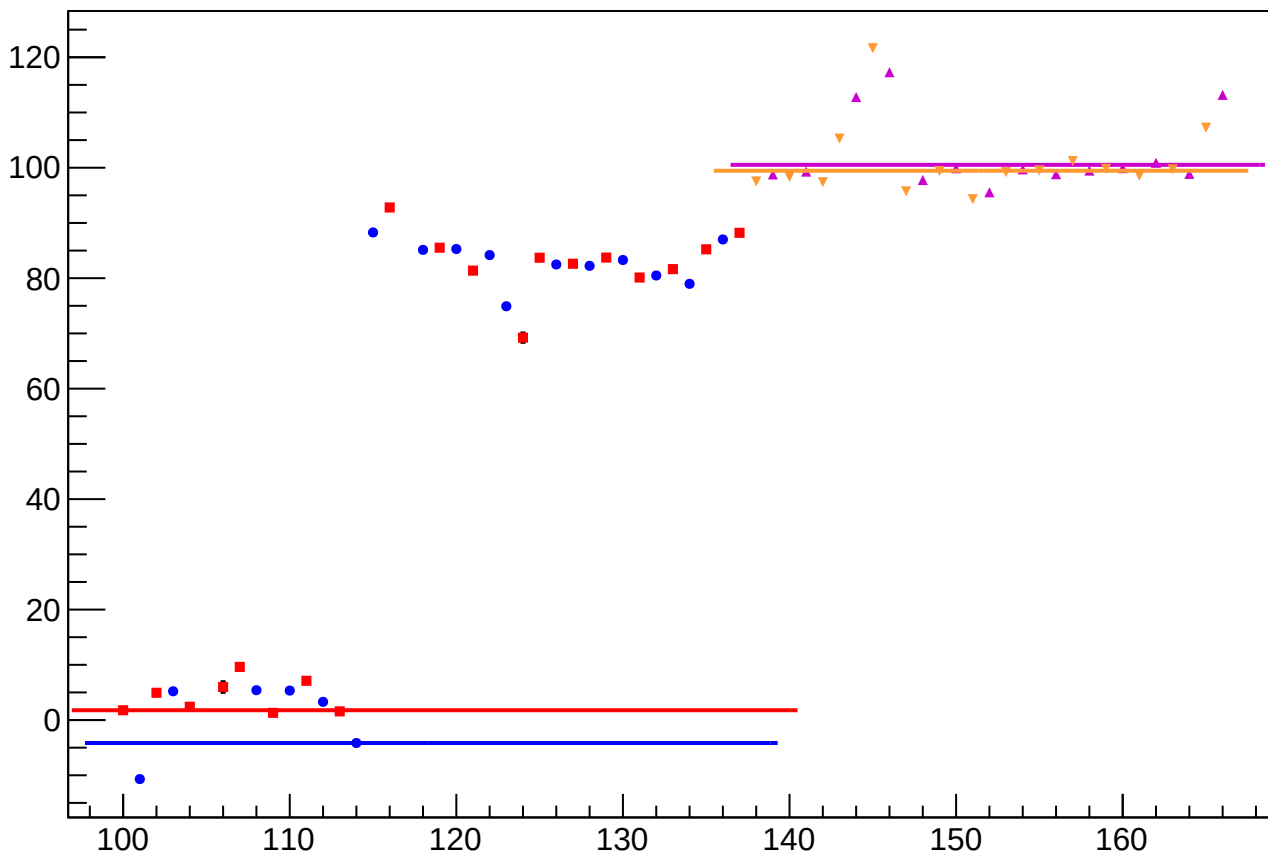
Left In: 16.712 $\pm$ 0.008 χ^2 /NDF: 19254.4/13

+ sign 42.341 $\pm$ 0.000 χ^2 /NDF: 16371902.3/31

All: 42.846 $\pm$ 0.000 χ^2 /NDF: 157736039025

- sign 43.773 $\pm$ 0.000 χ^2 /NDF: 16820015.3/32

dit_sam6_4eY_slope vs Slug



Right In: -4.155+/-0.000 χ^2/NDF : 8287312.9/16

Left Out: 99.452+/-0.014 χ^2/NDF : 68123.1/14

Right Out: 1.777+/-0.000 χ^2/NDF : 5403608.1/18

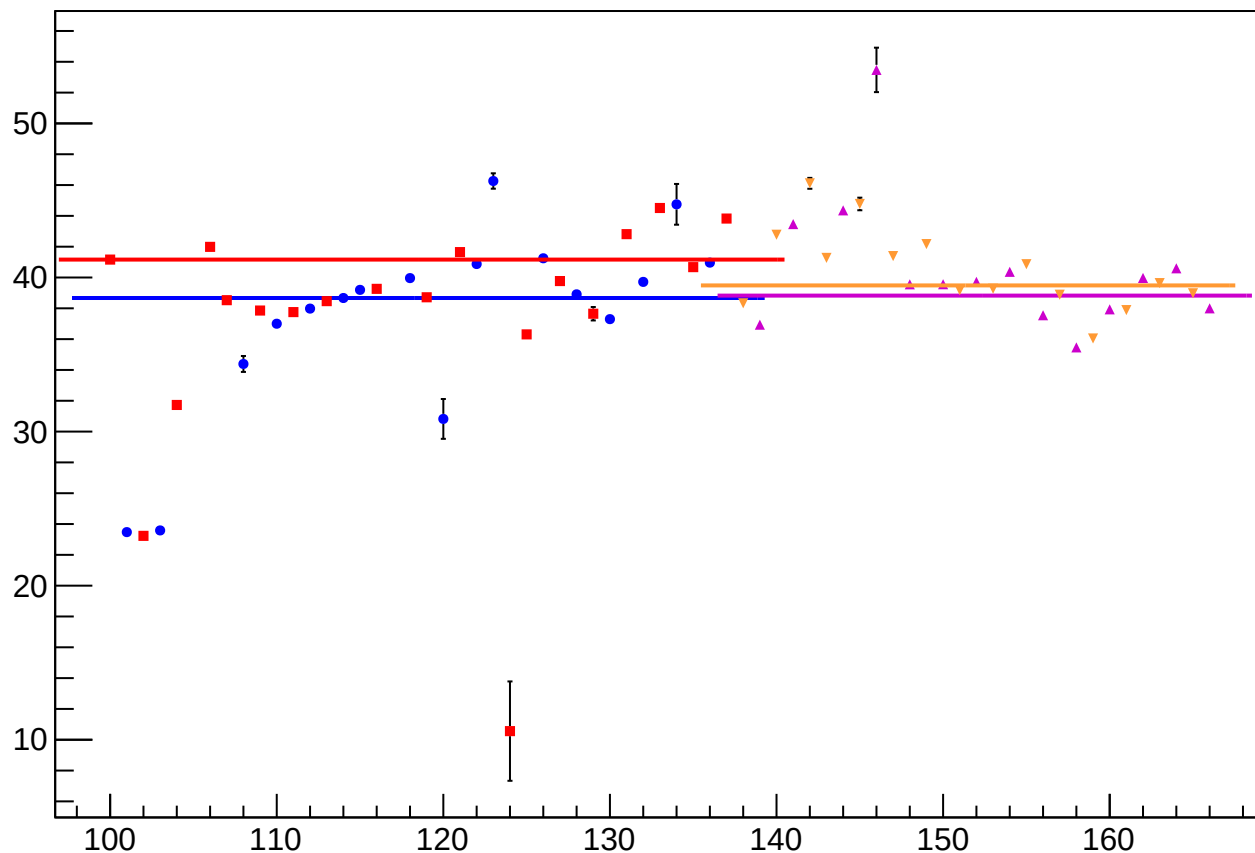
Left In: 100.520+/-0.013 χ^2/NDF : 127633.4/13

+ sign -4.155+/-0.000 χ^2/NDF : 66329660.3/31

All: 1.167+/-0.000 χ^2/NDF : 44022261179950

- sign 1.777+/-0.000 χ^2/NDF : 66272650.8/32

dit_sam7_4aX_slope vs Slug



Right In: 38.669+/-0.000 χ^2/NDF : 59984.0/16

Left Out: 39.487+/-0.037 χ^2/NDF : 3870.1/14

Right Out: 41.163+/-0.000 χ^2/NDF : 38410.9/18

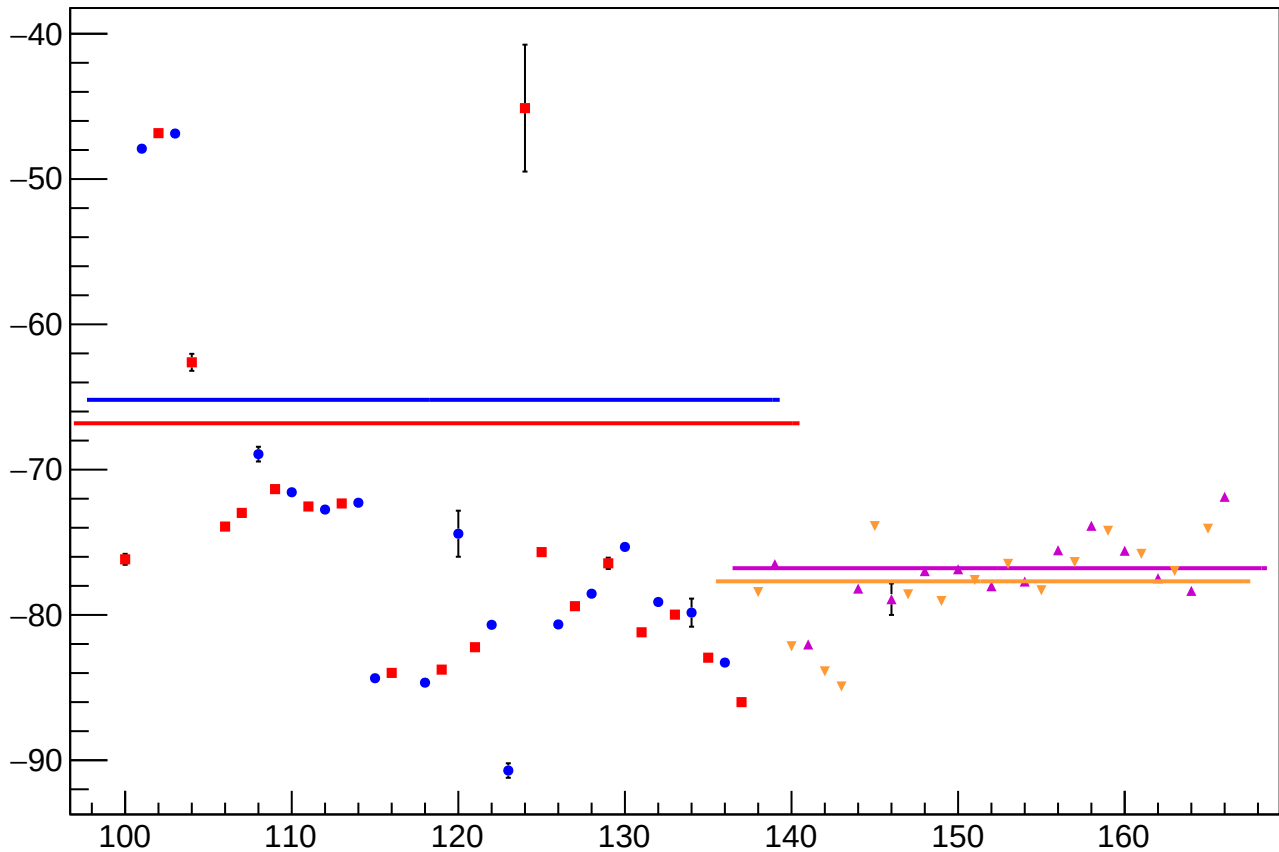
Left In: 38.825+/-0.028 χ^2/NDF : 5426.2/13

+ sign 38.669+/-0.000 χ^2/NDF : 64352.5/31

All: 39.550+/-0.000 χ^2/NDF : 4780640080062

- sign 41.163+/-0.000 χ^2/NDF : 50720.4/32

dit_sam7_4eX_slope vs Slug



Right In: -65.195 ± 0.019 χ^2/NDF : 784258.8/16

Left Out: -77.687 ± 0.030 χ^2/NDF : 10716.7/14

Right Out: -66.809 ± 0.016 χ^2/NDF : 809951.7/18

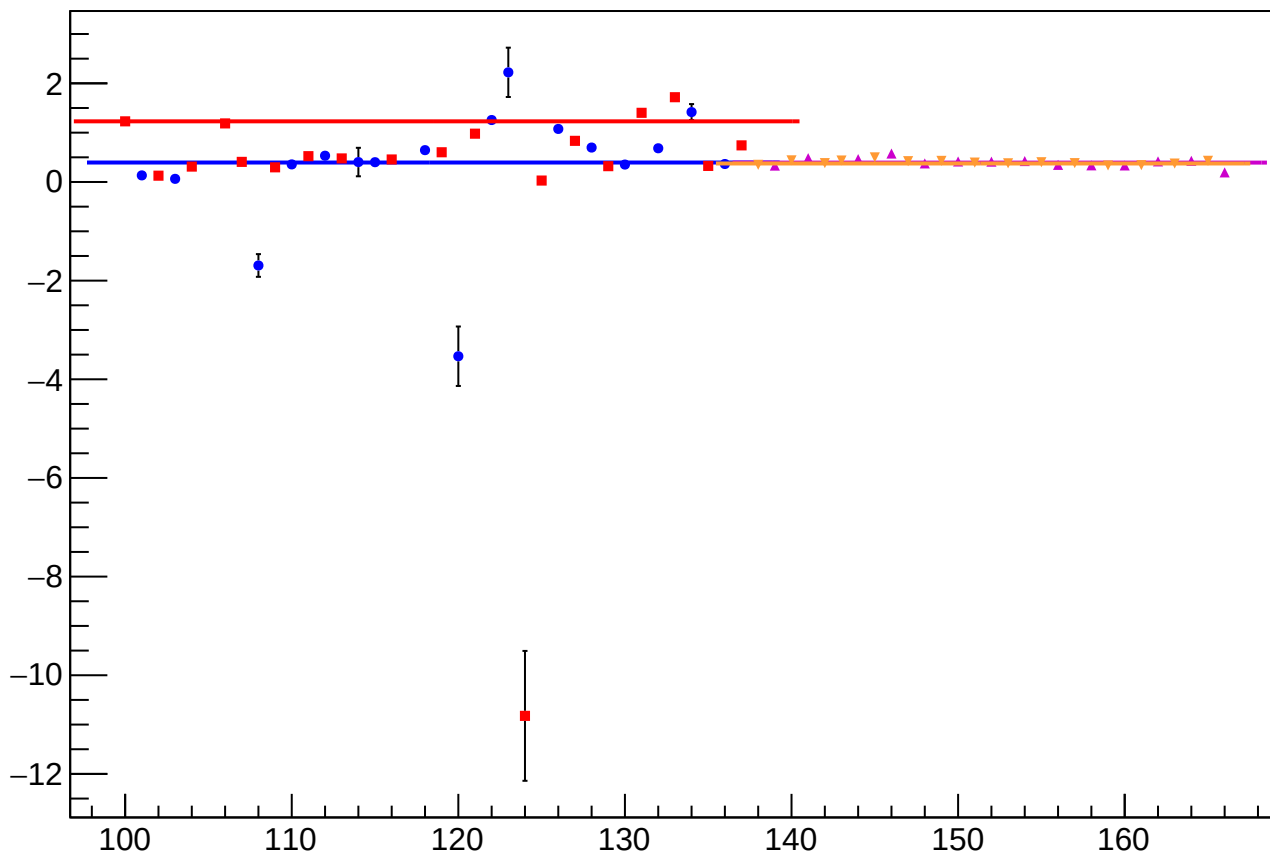
Left In: -76.783 ± 0.023 χ^2/NDF : 5253.4/13

+ sign -68.592 ± 0.016 χ^2/NDF : 917175.6/31

All: -69.489 ± 0.010 χ^2/NDF : 1868679.3/64

- sign -70.082 ± 0.013 χ^2/NDF : 946216.8/32

dit_sam7_11X12X_slope vs Slug



Right In: 0.395 $\pm$ 0.002 χ^2 /NDF: 8730.5/16

Left Out: 0.375 $\pm$ 0.001 χ^2 /NDF: 5386.8/14

Right Out: 1.230 $\pm$ 0.000 χ^2 /NDF: 48941.9/18

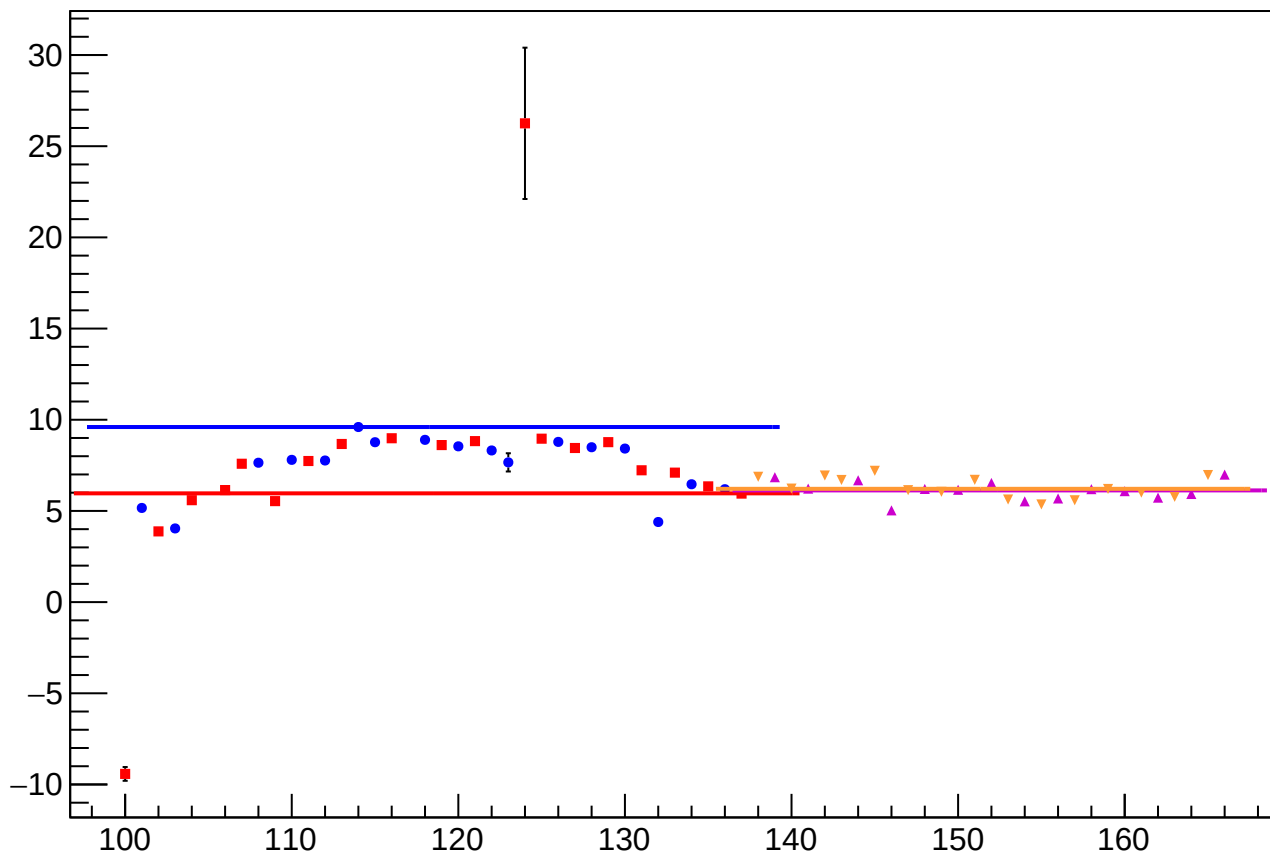
Left In: 0.393 $\pm$ 0.001 χ^2 /NDF: 6473.8/13

+ sign 0.377 $\pm$ 0.001 χ^2 /NDF: 14204.4/31

All: 1.230 $\pm$ 0.000 χ^2 /NDF: 4912214.6/64

- sign 1.230 $\pm$ 0.000 χ^2 /NDF: 2436182.3/32

dit_sam7_4aY_slope vs Slug



Right In: 9.601 $\pm$ 0.000 χ^2 /NDF: 377404.1/16

Left Out: 6.212 $\pm$ 0.002 χ^2 /NDF:30216.8/14

Right Out: 5.964 $\pm$ 0.000 χ^2 /NDF: 206785.7/18

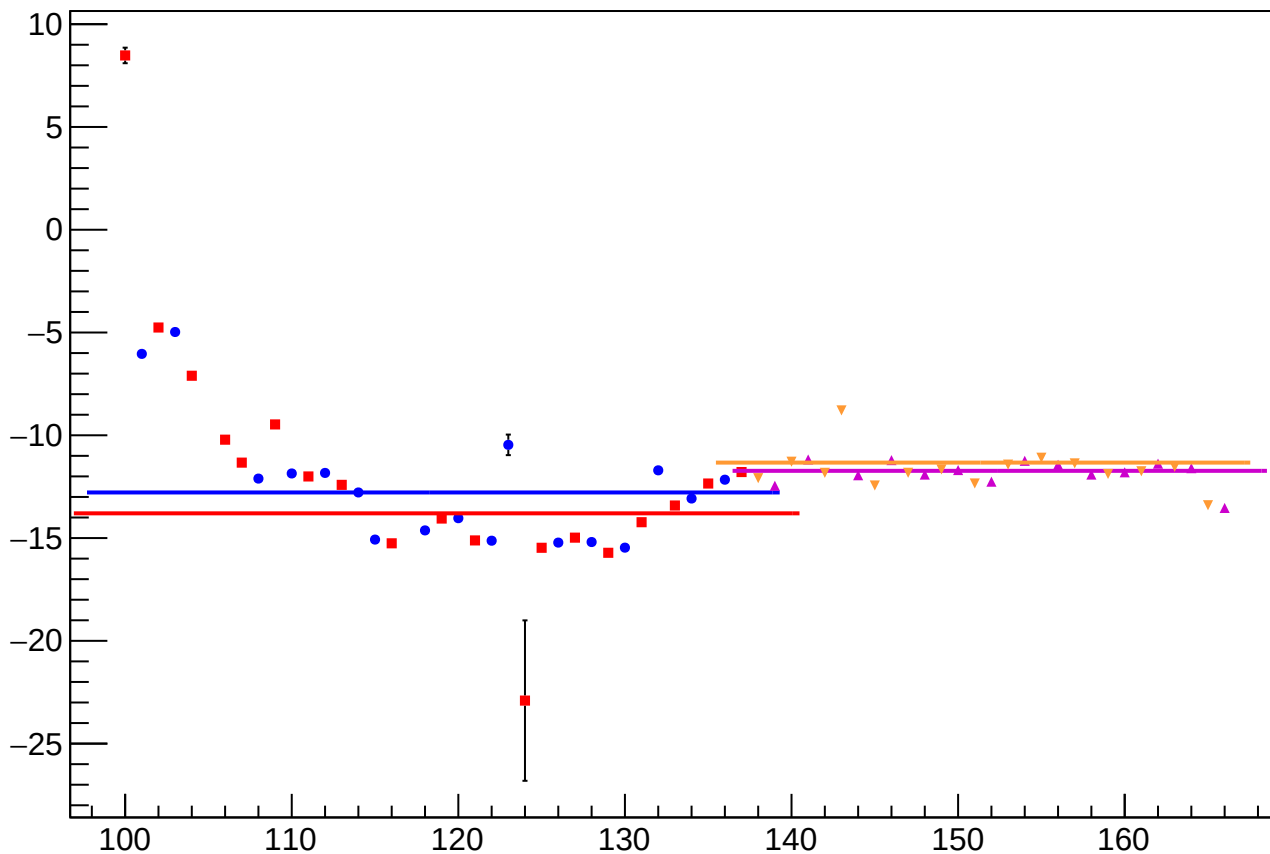
Left In: 6.125 $\pm$ 0.002 χ^2 /NDF:36965.1/13

+ sign 9.601 $\pm$ 0.000 χ^2 /NDF: 3480564.6/31

All: 9.601 $\pm$ 0.000 χ^2 /NDF: 87724307.9/64

- sign 5.973 $\pm$ 0.000 χ^2 /NDF: 252554.5/32

dit_sam7_4eY_slope vs Slug



Right In: -12.781 ± 0.000 χ^2/NDF : 122716.4/16

Left Out: -11.329 ± 0.003 χ^2/NDF : 177824.8/14

Right Out: -13.797 ± 0.005 χ^2/NDF : 78174.8/18

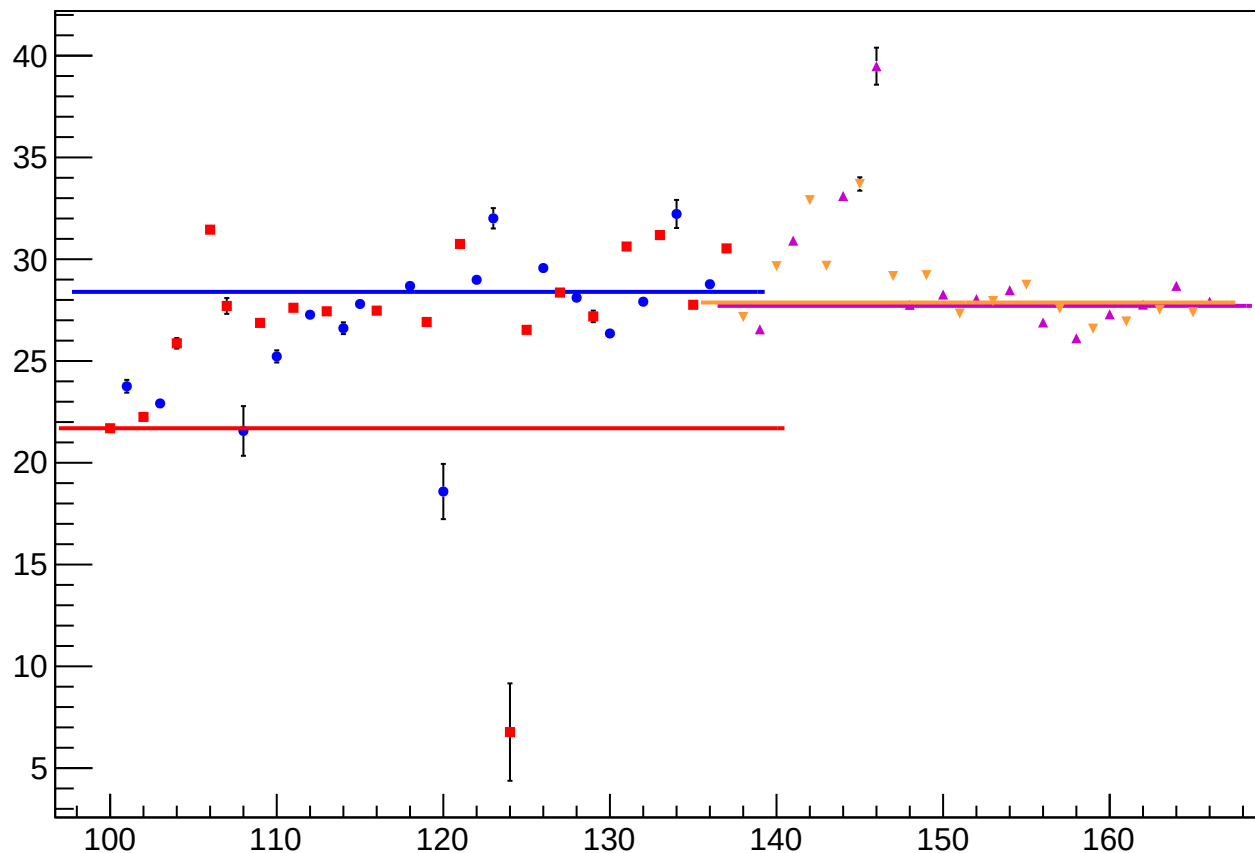
Left In: -11.730 ± 0.002 χ^2/NDF : 20591.2/13

+ sign -12.781 ± 0.000 χ^2/NDF : 624631.0/31

All: -12.781 ± 0.000 χ^2/NDF : 960545.5/64

- sign -12.060 ± 0.002 χ^2/NDF : 223269.3/32

dit_sam8_4aX_slope vs Slug



Right In: 28.396 ± 0.024 χ^2/NDF : 3440.8/16

Left Out: 27.873 ± 0.021 χ^2/NDF : 3497.7/14

Right Out: 21.696 ± 0.000 χ^2/NDF : 46617.3/18

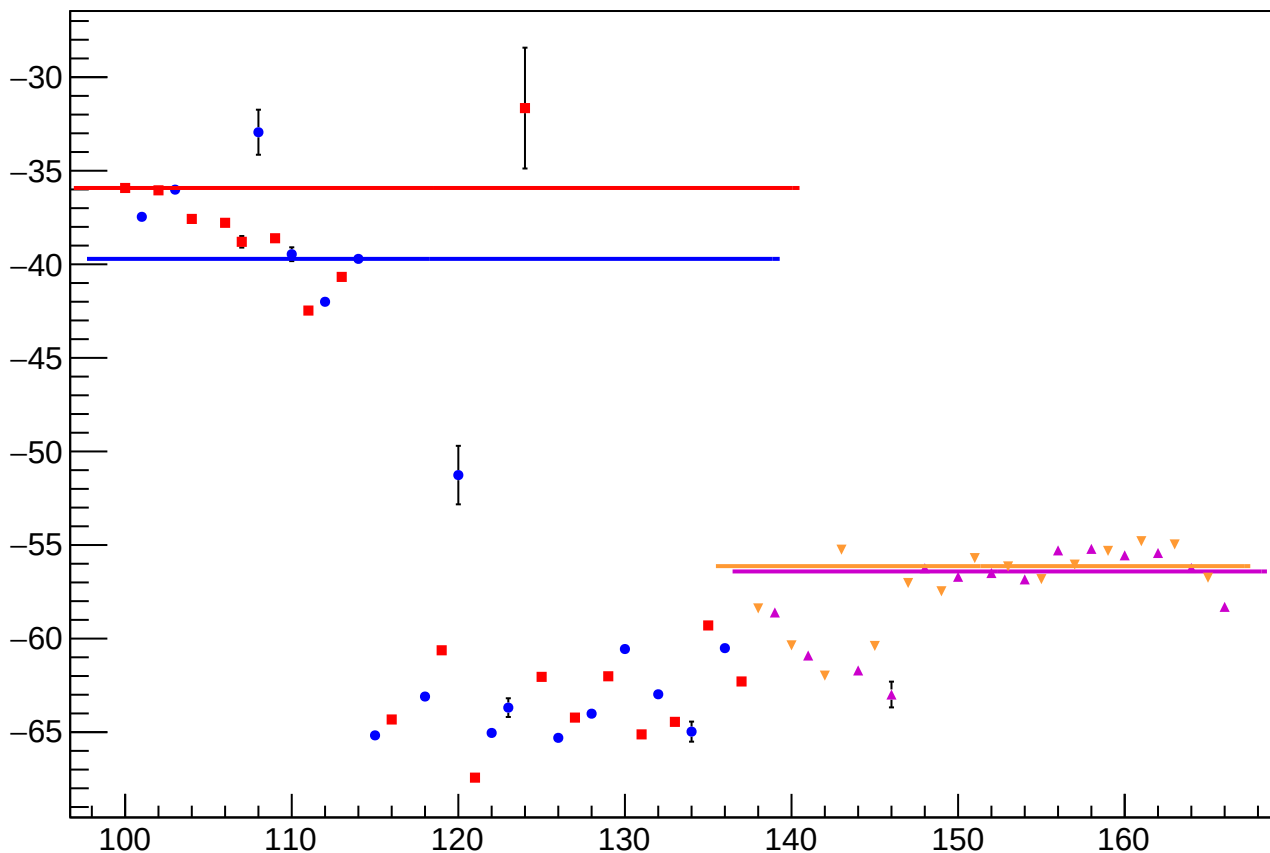
Left In: 27.709 ± 0.017 χ^2/NDF : 4636.4/13

+ sign 28.100 ± 0.016 χ^2/NDF : 7200.2/31

All: 21.696 ± 0.000 χ^2/NDF : 345766.1/64

- sign 21.696 ± 0.000 χ^2/NDF : 178999.0/32

dit_sam8_4eX_slope vs Slug



Right In: -39.710 ± 0.000 χ^2/NDF : 1354716.8/16

Left Out: -56.128 ± 0.018 χ^2/NDF : 6457.7/14

Right Out: -35.921 ± 0.000 χ^2/NDF : 719212.9/18

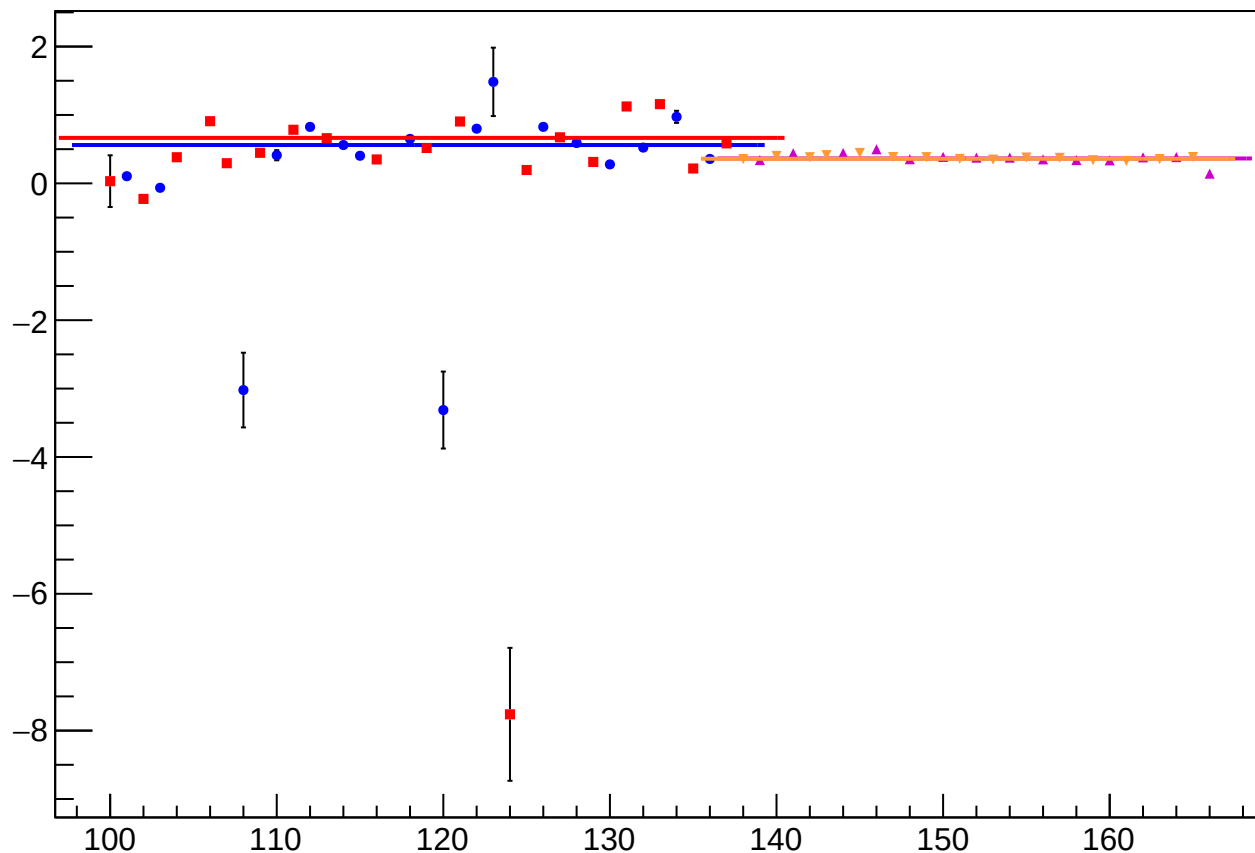
Left In: -56.413 ± 0.014 χ^2/NDF : 8176.9/13

+ sign -39.710 ± 0.000 χ^2/NDF : 2191417.1/31

All: -38.373 ± 0.000 χ^2/NDF : 110369434011

- sign -35.921 ± 0.000 χ^2/NDF : 2808835.9/32

dit_sam8_11X12X_slope vs Slug



Right In: 0.561 ± 0.000 χ^2/NDF : 16869.2/16

Left Out: 0.360 ± 0.000 χ^2/NDF : 3625.0/14

Right Out: 0.665 ± 0.005 χ^2/NDF : 3781.5/18

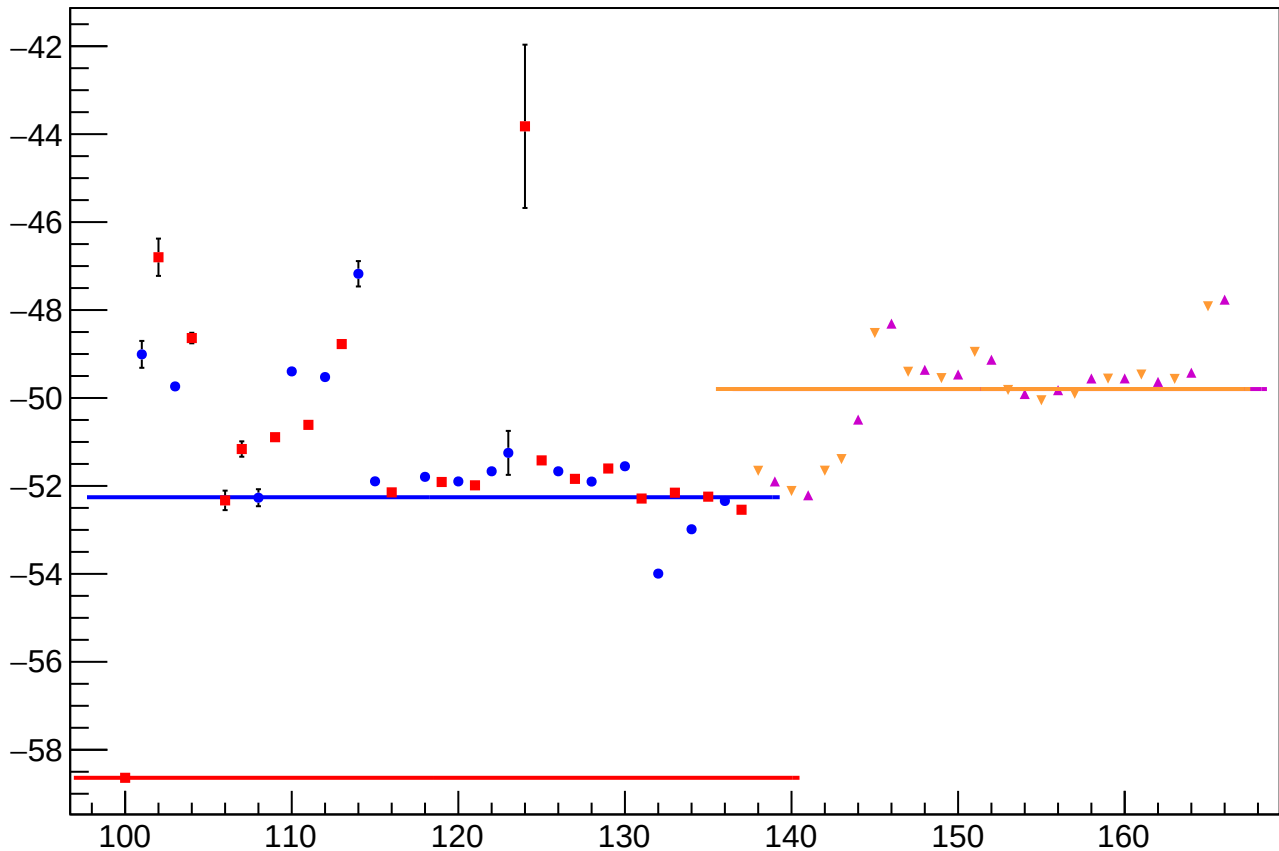
Left In: 0.364 ± 0.000 χ^2/NDF : 5078.4/13

+ sign 0.561 ± 0.000 χ^2/NDF : 254564.8/31

All: 0.561 ± 0.000 χ^2/NDF : 549993.7/64

- sign 0.366 ± 0.000 χ^2/NDF : 13118.7/32

dit_sam8_4aY_slope vs Slug



Right In: -52.257 $\pm$ 0.004 χ^2 /NDF: 24373.7/16

Left Out: -49.796 $\pm$ 0.002 χ^2 /NDF:163226.3/14

Right Out: -58.637 $\pm$ 0.000 χ^2 /NDF: 31280742.9/18

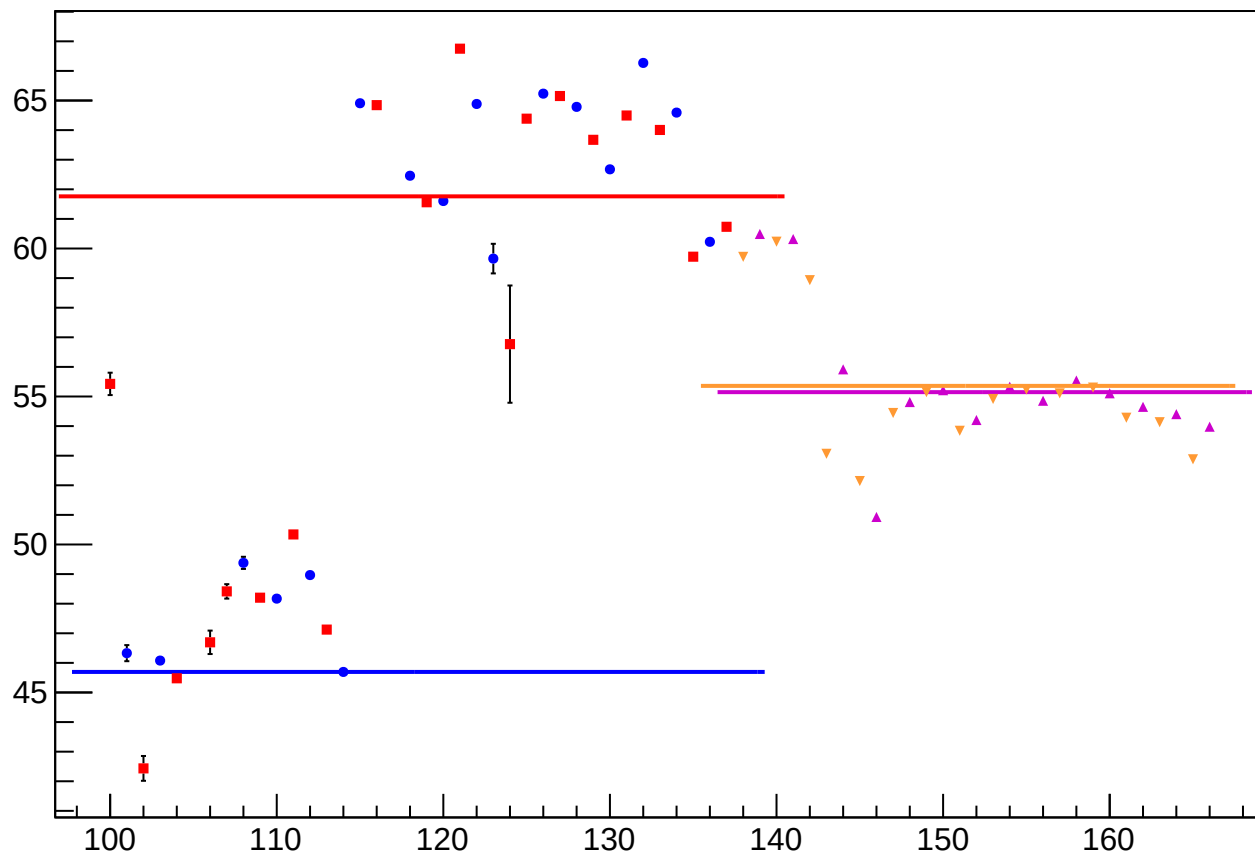
Left In: -49.797 $\pm$ 0.002 χ^2 /NDF:256130.5/13

+ sign -50.240 $\pm$ 0.002 χ^2 /NDF: 561179.8/31

All: -58.637 $\pm$ 0.000 χ^2 /NDF: 92323079.3/64

- sign -58.637 $\pm$ 0.000 χ^2 /NDF: 62367889.6/32

dit_sam8_4eY_slope vs Slug



Right In: 45.694 $\pm$ 0.000 χ^2 /NDF: 3571709.5/16

Left Out: 55.359 $\pm$ 0.003 χ^2 /NDF: 293765.3/14

Right Out: 61.762 $\pm$ 0.006 χ^2 /NDF: 260089.5/18

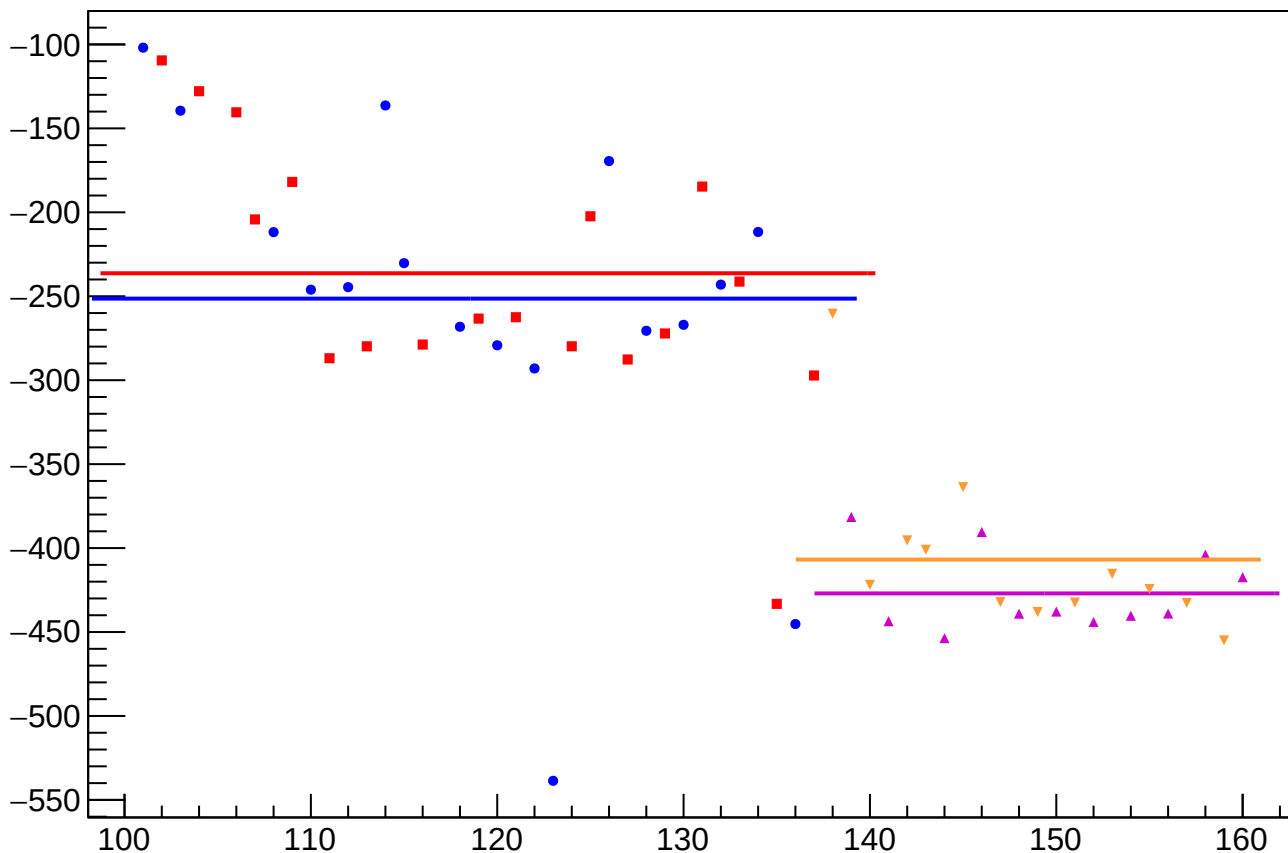
Left In: 55.147 $\pm$ 0.003 χ^2 /NDF: 63209.1/13

+ sign 45.694 $\pm$ 0.000 χ^2 /NDF: 11518624.8/31

All: 45.694 $\pm$ 0.000 χ^2 /NDF: 27848405.2/64

- sign 56.374 $\pm$ 0.003 χ^2 /NDF: 1200290.0/32

dit_4aX_coil1_mean vs Slug



Right In: -251.407+/-0.000 χ^2/NDF : 6377716677142803615785313646231420928.0/16

Left Out: -406.833+/-0.000 χ^2/NDF : 2292767804308975563331061576326184960.0/11

Right Out: -236.305+/-0.000 χ^2/NDF : 4583669398649017152985031455186878464.0/17

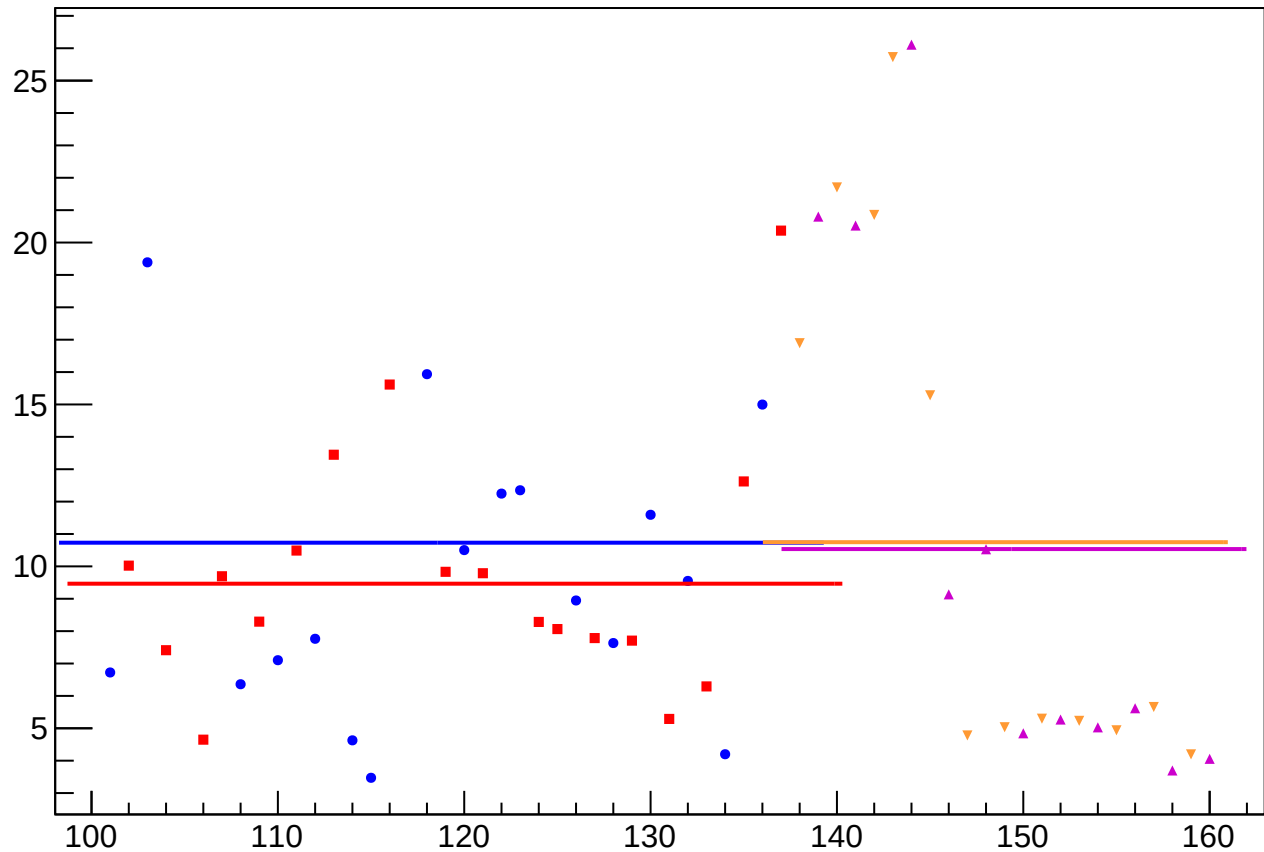
Left In: -426.999+/-0.000 χ^2/NDF : 491897519091150809282810233728532480.0/10

+ sign -339.543+/-0.000 χ^2/NDF : 18177302415444

All: -341.937+/-0.000 χ^2/NDF : 37990848197

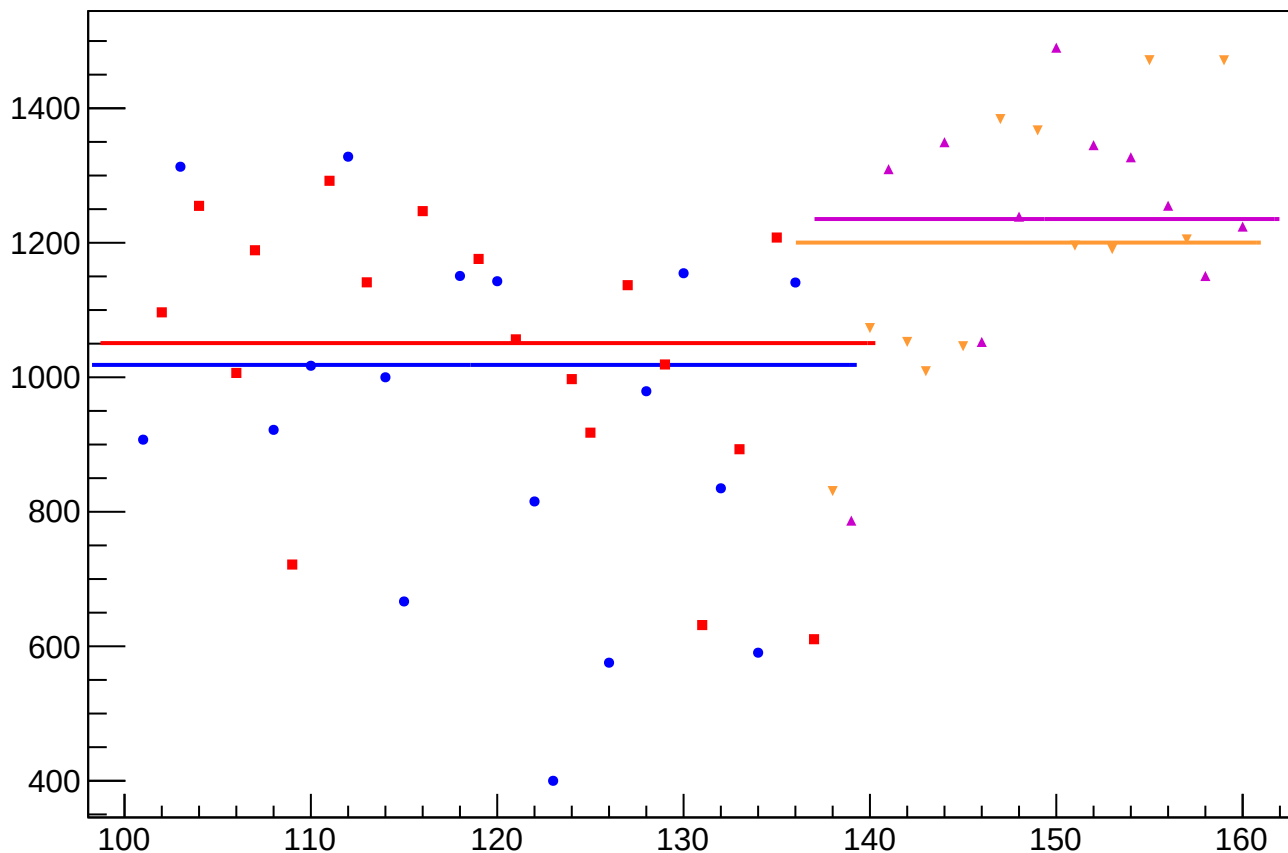
- sign -344.265+/-0.000 χ^2/NDF : 197954301913054

dit_4aX_coil1_err_mean vs Slug



Right In: 10.731+/-0.000	χ^2/NDF : 12832156832660883988585211297267712.0/16	+ sign 10.740+/-0.000	χ^2/NDF : 6540081419924880
Left Out: 10.747+/-0.000	χ^2/NDF : 52568555520200298220372681258172416.0/11	All: 10.401+/-0.000	χ^2/NDF : 1292227264459
Right Out: 9.465+/-0.000	χ^2/NDF : 6964289429474711338503750841008128.0/17	- sign 10.071+/-0.000	χ^2/NDF : 6345753966609601
Left In: 10.535+/-0.000	χ^2/NDF : 56030306294181725597372333160398848.0/10		

dit_4aX_coil1_Ndata_mean vs Slug



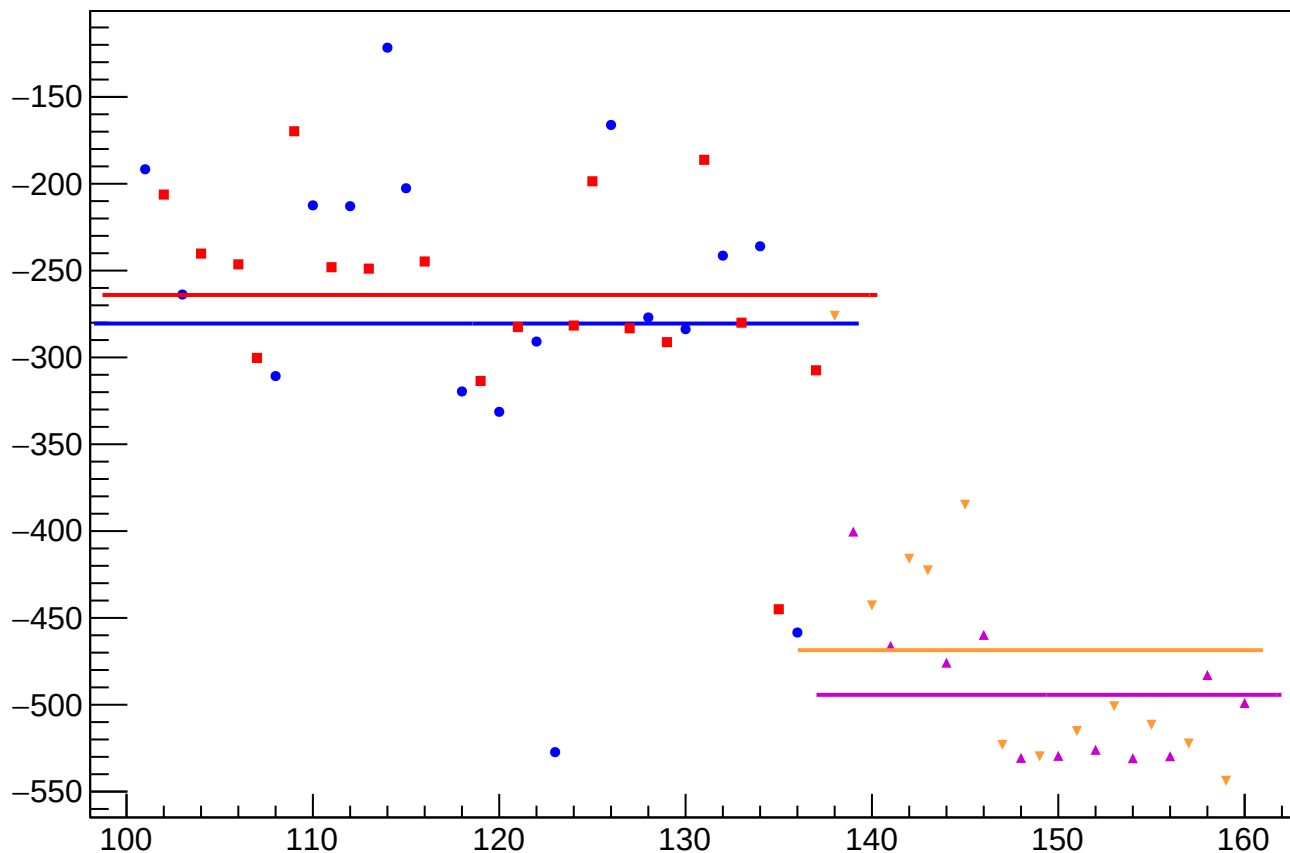
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 + sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 All: 1138.646+/-0.000 χ^2/NDF : 15044351621

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10
 - sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_4eX_coil1_mean vs Slug



Right In: -280.488+/-0.000 χ^2/NDF : 5126630238526976320868749941319663616.0/16

Left Out: -468.575+/-0.000 χ^2/NDF : 5376900160405137659978716094572527616.0/11

Right Out: -264.038+/-0.000 χ^2/NDF : 2950904189133891581840816046652522496.0/17

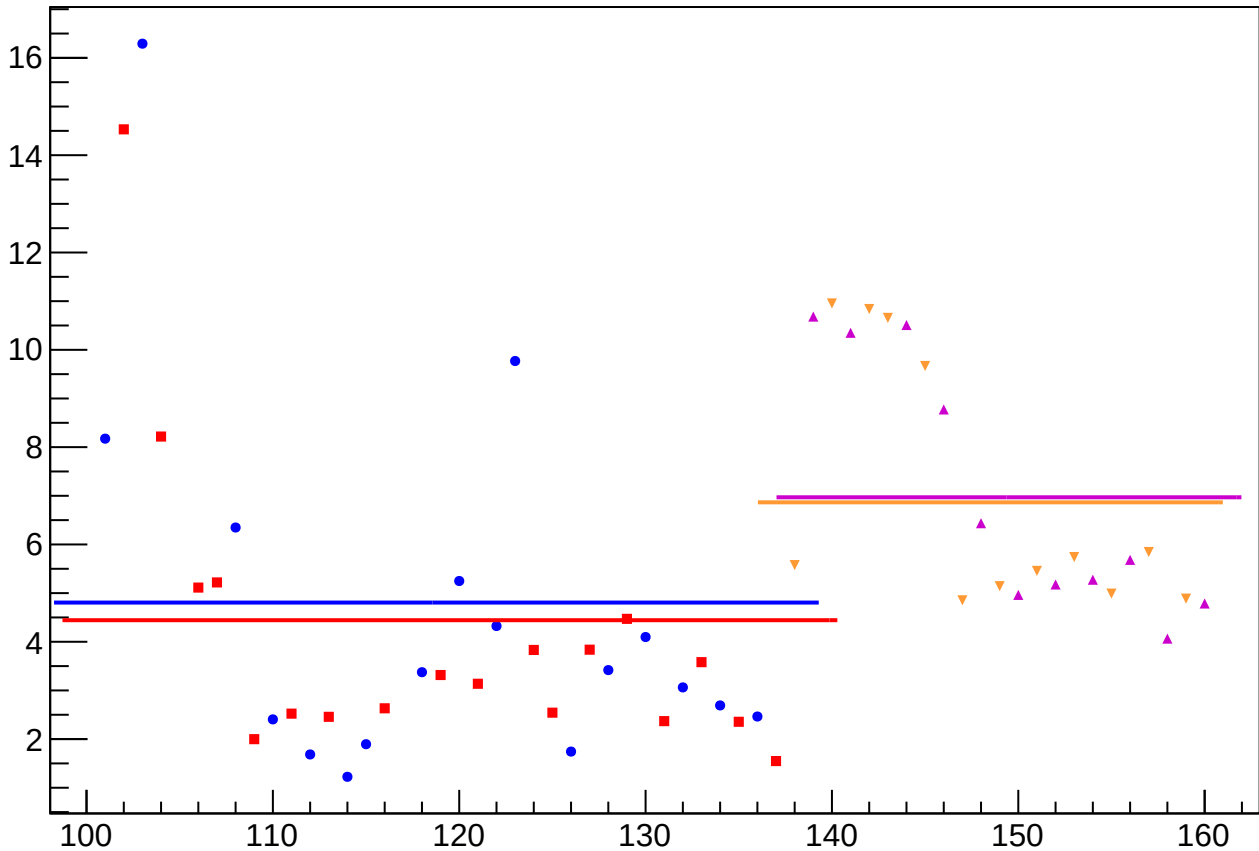
Left In: -494.291+/-0.000 χ^2/NDF : 1453739025414967917322489885861347328.0/10

+ sign -387.145+/-0.000 χ^2/NDF : 24425652530066

All: -390.819+/-0.000 χ^2/NDF : 50333532153

- sign -394.393+/-0.000 χ^2/NDF : 258651894809758

dit_4eX_coil1_err_mean vs Slug



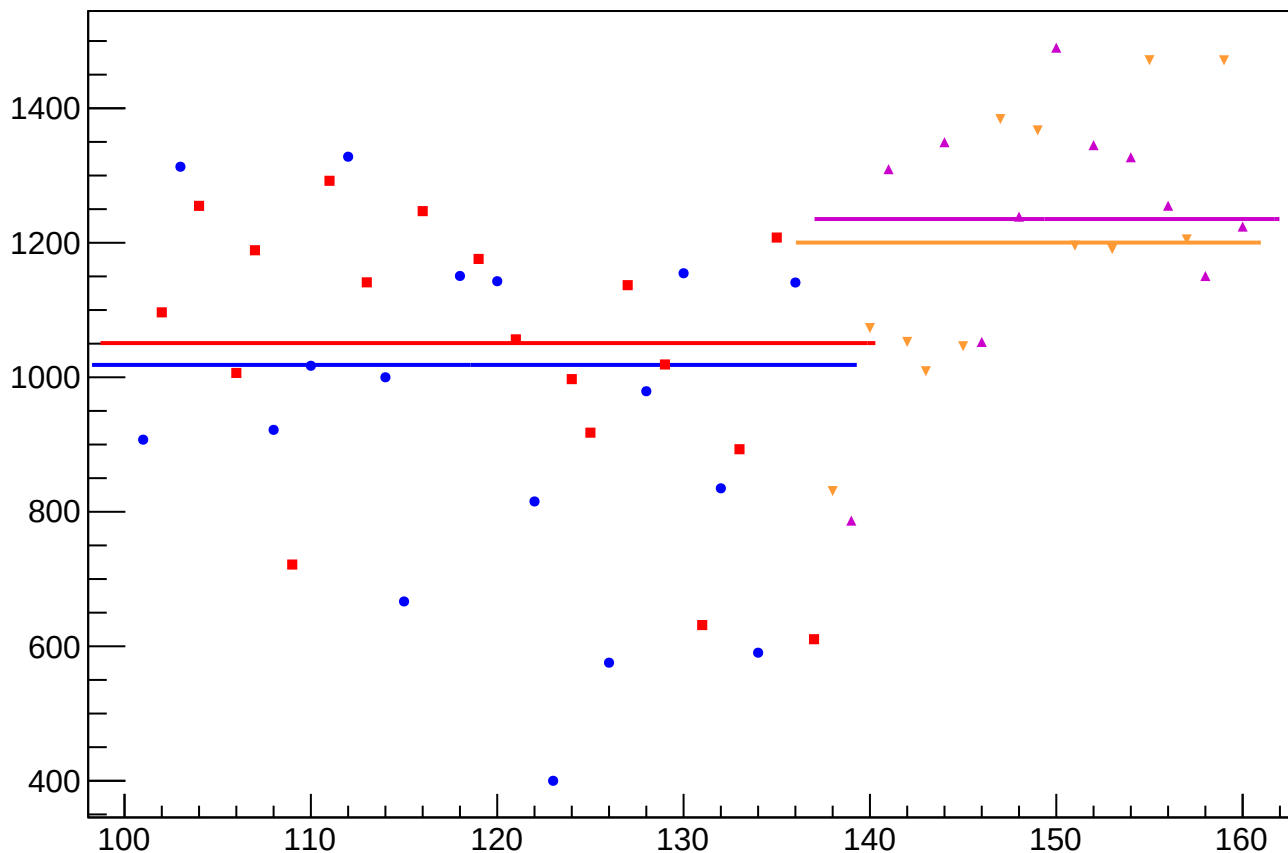
Right In: 4.806+/-0.000 χ^2/NDF : 10922956451109492621931429310234624.0/16

Left Out: 6.866+/-0.000 χ^2/NDF : 5299669563995653642636095012208640.0/11

Right Out: 4.443+/-0.000 χ^2/NDF : 8238698902114437843582467079929856.0/17

Left In: 6.969+/-0.000 χ^2/NDF : 5610929853594389107325212135784448.0/10

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

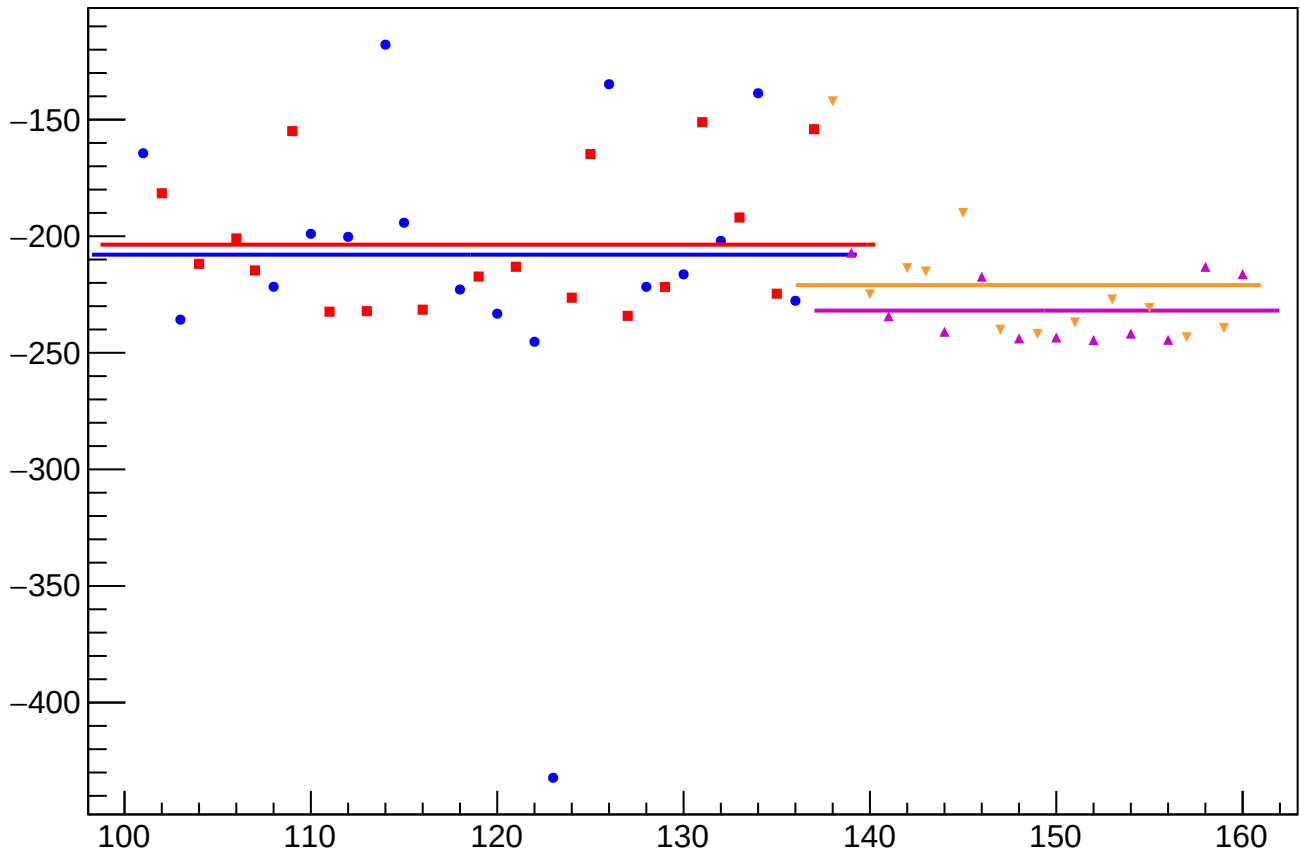
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

dit_11X12X_coil1_mean vs Slug



Right In: -207.905+/-0.000 χ^2/NDF : 932229169633108948090208893374824448.0/16

Left Out: -220.938+/-0.000 χ^2/NDF : 725702280929192018663060859751759872.0/11

Right Out: -203.621+/-0.000 χ^2/NDF : 555366082114711816530063438779514880.0/17

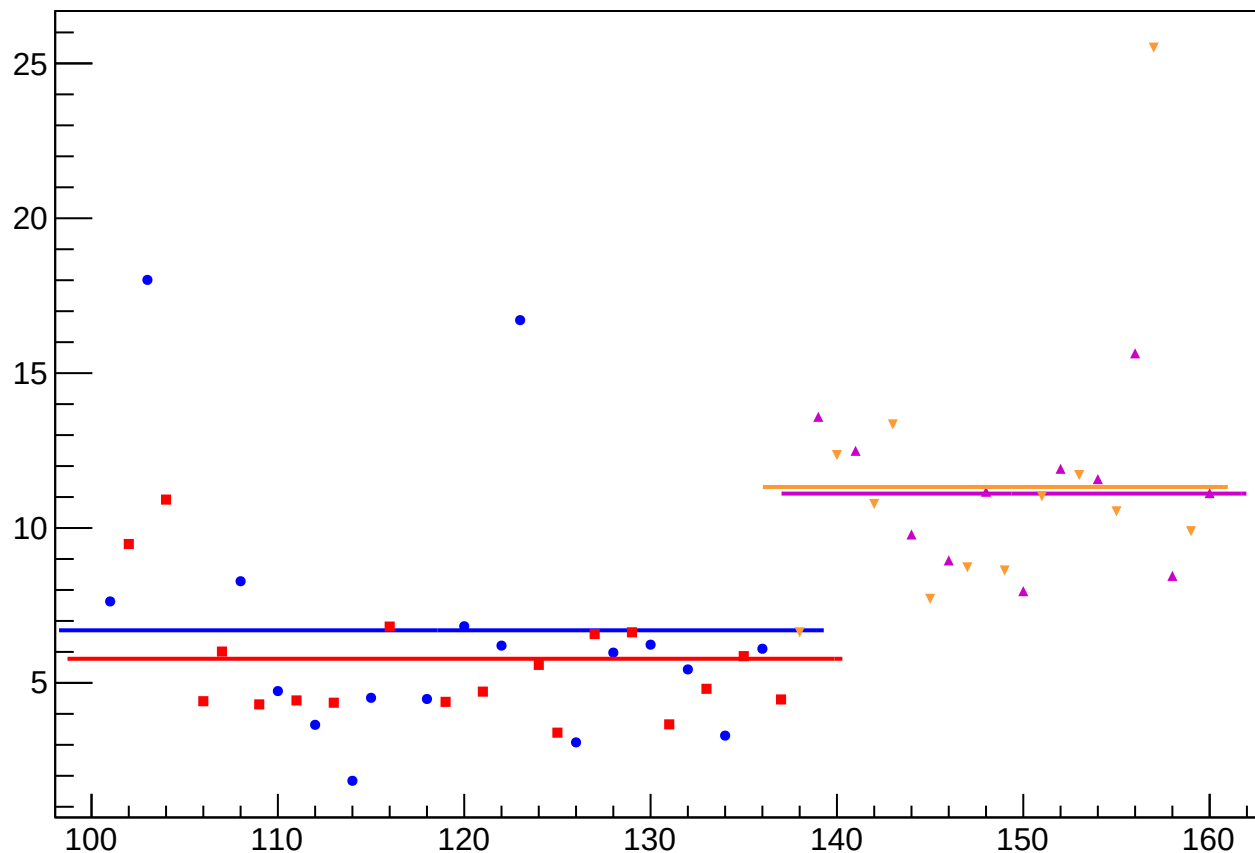
Left In: -231.896+/-0.000 χ^2/NDF : 183329680516479381507897892871864320.0/10

+ sign -215.295+/-0.000 χ^2/NDF : 17247724596124

All: -217.492+/-0.000 χ^2/NDF : 28023296539

- sign -219.629+/-0.000 χ^2/NDF : 106229854810720

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.697 $\pm$ 0.000 χ^2 /NDF: 10220265362684500644667484757032960.0/16

Left Out: 11.325 $\pm$ 0.000 χ^2 /NDF: 19360042625652449313367034255376384.0/11

Right Out: 5.778 $\pm$ 0.000 χ^2 /NDF: 3154580715579075896881670619398144.0/17

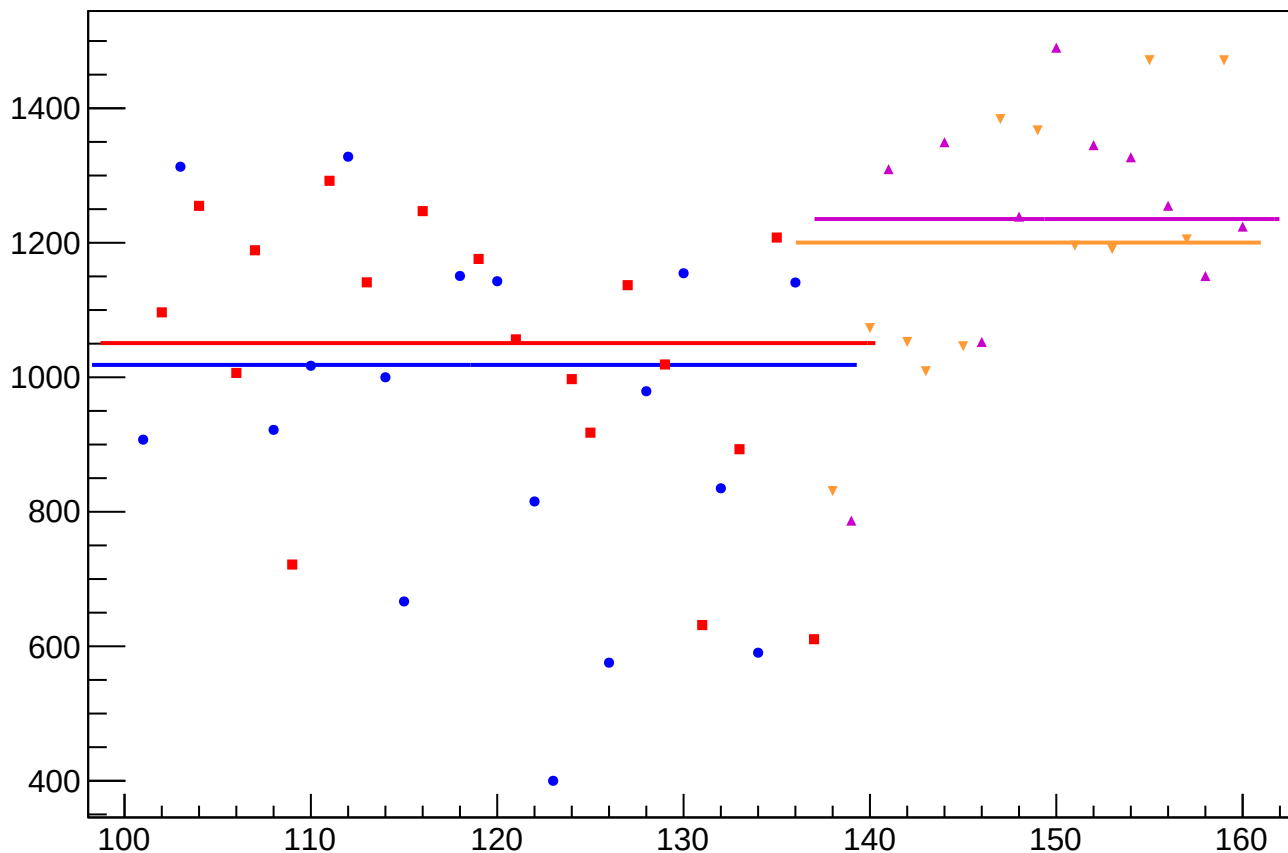
Left In: 11.111 $\pm$ 0.000 χ^2 /NDF: 4392167277443947568386278164529152.0/10

+ sign 9.322 $\pm$ 0.000 χ^2 /NDF: 38008187746633250

All: 9.056 $\pm$ 0.000 χ^2 /NDF: 57290015825980

- sign 8.798 $\pm$ 0.000 χ^2 /NDF: 19058642886632659

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

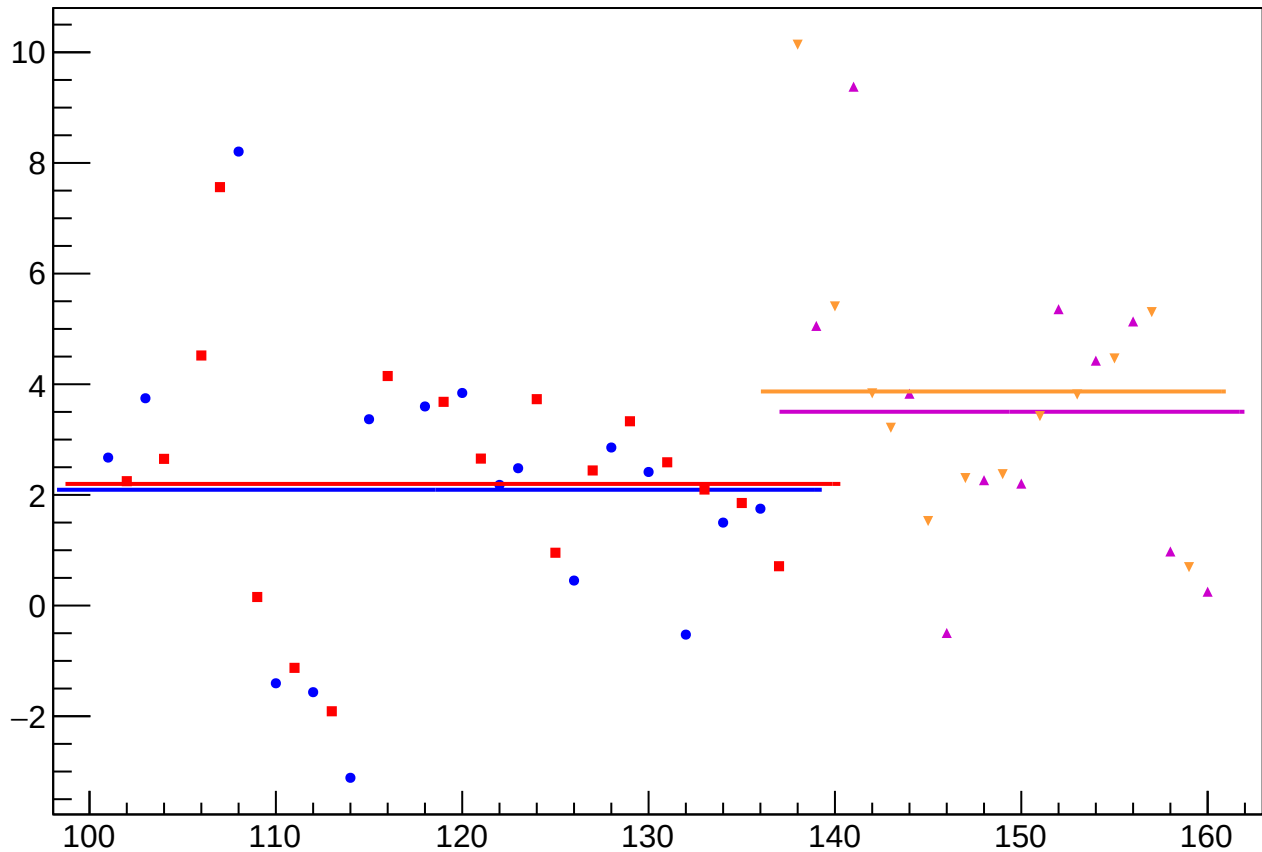
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_4aY_coil1_mean vs Slug



Right In: 2.093+/-0.000 χ^2/NDF : 3708588340032367175525218060861440.0/16

Left Out: 3.870+/-0.000 χ^2/NDF : 5096895495074779754701121480818688.0/11

Right Out: 2.199+/-0.000 χ^2/NDF : 3107113733134423203865144181391360.0/17

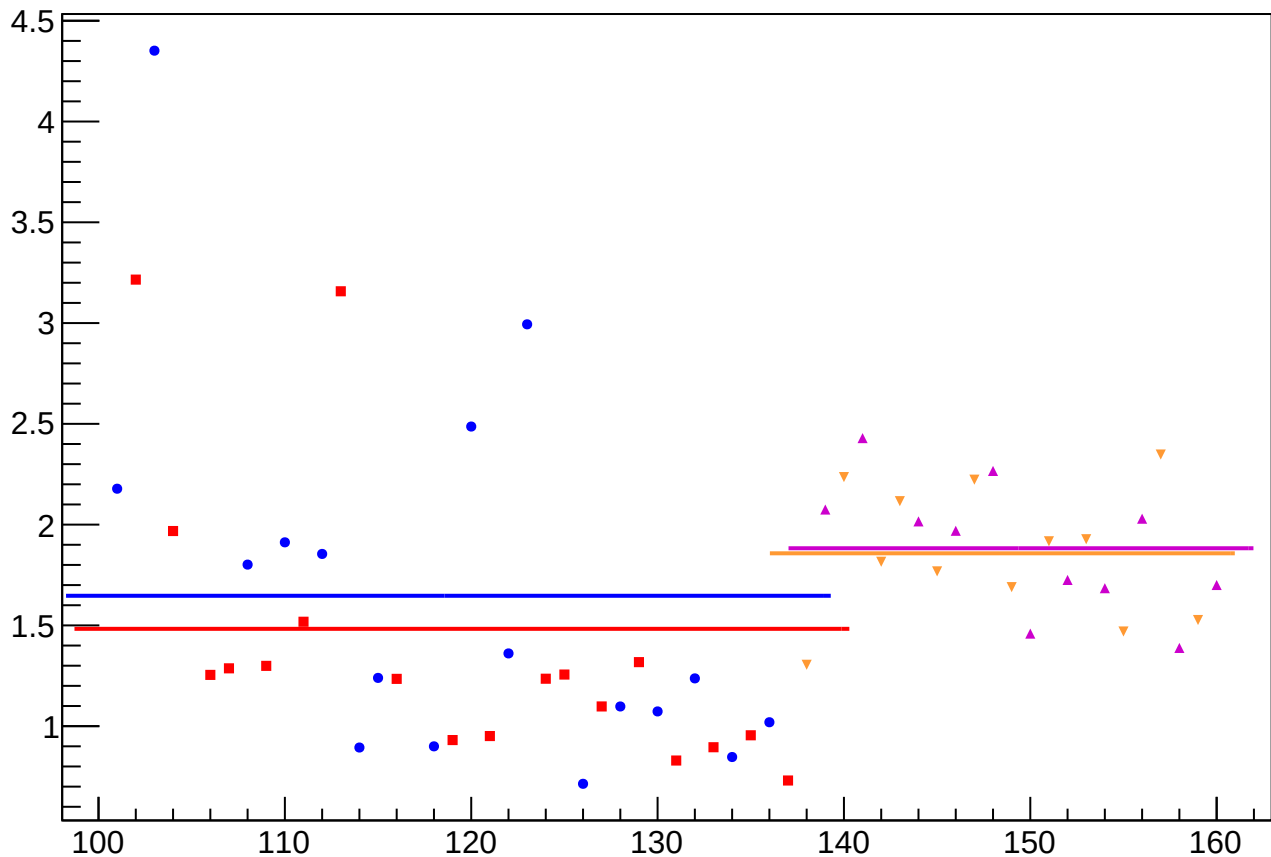
Left In: 3.503+/-0.000 χ^2/NDF : 6729958277549549509263051005624320.0/10

+ sign 3.100+/-0.000 χ^2/NDF : 10047584366193462

All: 3.018+/-0.000 χ^2/NDF : 20594856033346

- sign 2.937+/-0.000 χ^2/NDF : 10525561442982539

dit_4aY_coil1_err_mean vs Slug



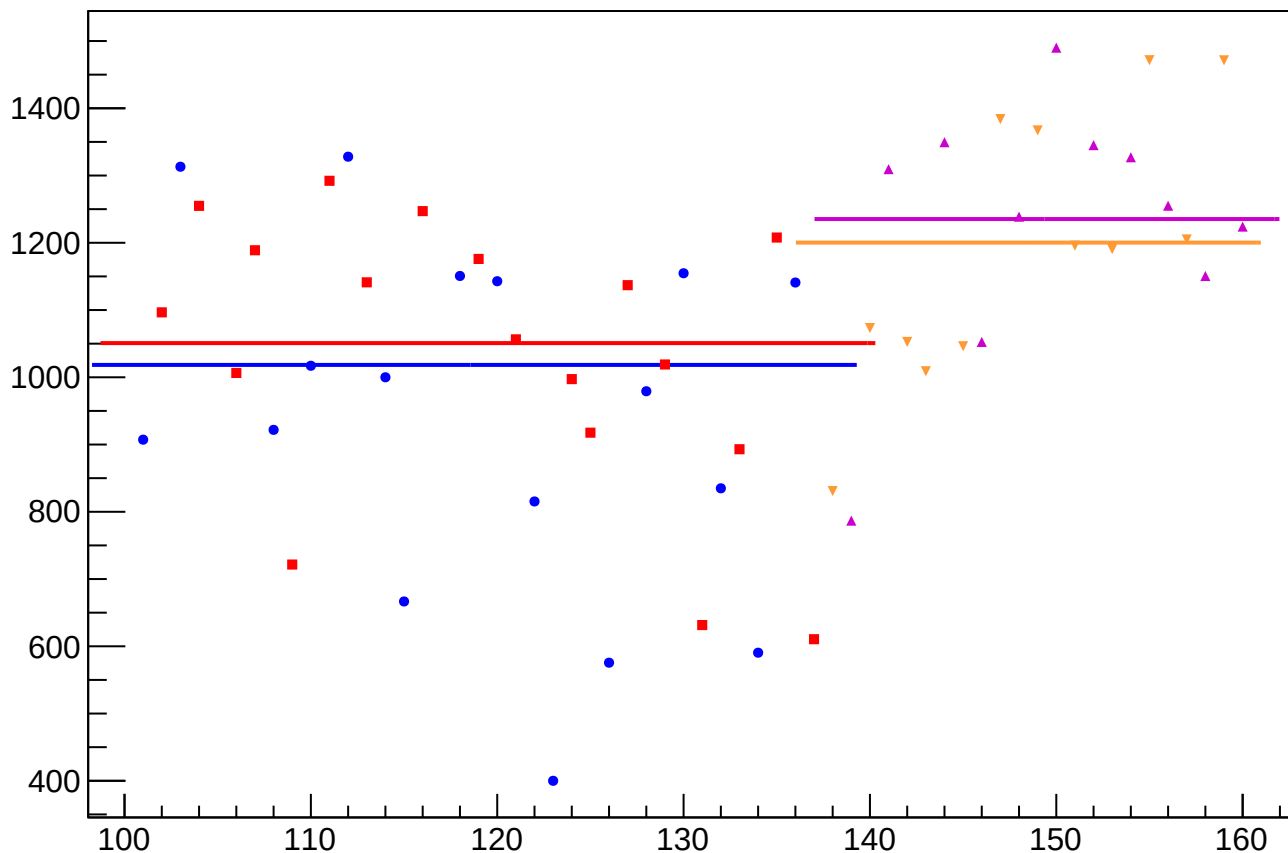
Right In: 1.647 $\pm$ 0.000 χ^2 /NDF: 651088572320131635658625105526784.0/16

Left Out: 1.858 $\pm$ 0.000 χ^2 /NDF: 92819096352183662549607808761856.0/11

Right Out: 1.483 $\pm$ 0.000 χ^2 /NDF: 413770473105203088009551048343552.0/17

Left In: 1.883 $\pm$ 0.000 χ^2 /NDF: 89198060548496721731654669828096.0/10

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

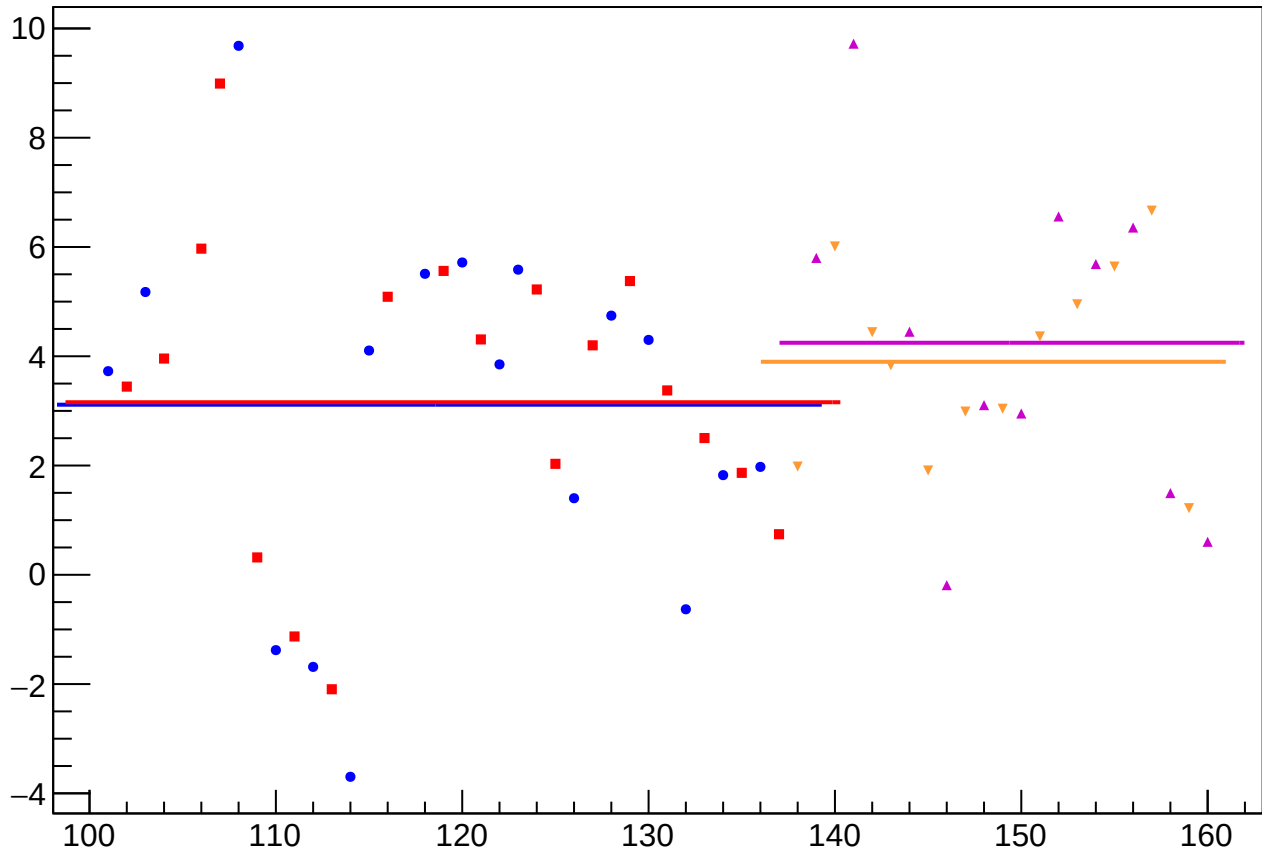
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

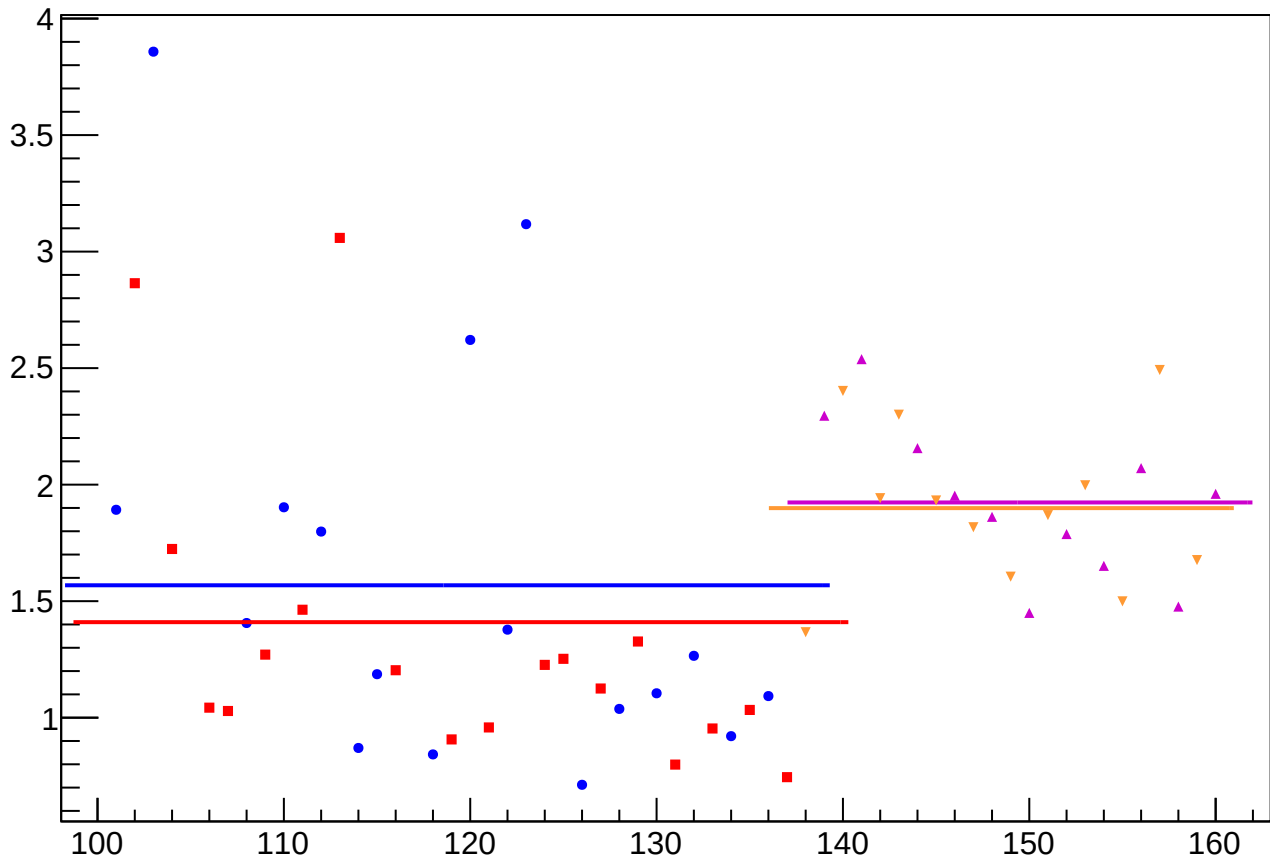
dit_4eY_coil1_mean vs Slug



Right In: 3.113+/-0.000	χ^2/NDF : 5969364473683453458180416326336512.0/16
Left Out: 3.899+/-0.000	χ^2/NDF : 2596063476262392643786187397398528.0/11
Right Out: 3.158+/-0.000	χ^2/NDF : 5013186540103138237647291198472192.0/17
Left In: 4.247+/-0.000	χ^2/NDF : 7362557296783828788324476360065024.0/10

+ sign 3.559+/-0.000 χ^2/NDF : 88084978465121807
 All: 3.668+/-0.000 χ^2/NDF : 21701782292793
 - sign 3.775+/-0.000 χ^2/NDF : 12855486338811030

dit_4eY_coil1_err_mean vs Slug



Right In: 1.568+/-0.000 χ^2/NDF : 496968559591870447992286312660992.0/16

Left Out: 1.899+/-0.000 χ^2/NDF : 105245400634415170842187400216576.0/11

Right Out: 1.410+/-0.000 χ^2/NDF : 328993477679498579442129623318528.0/17

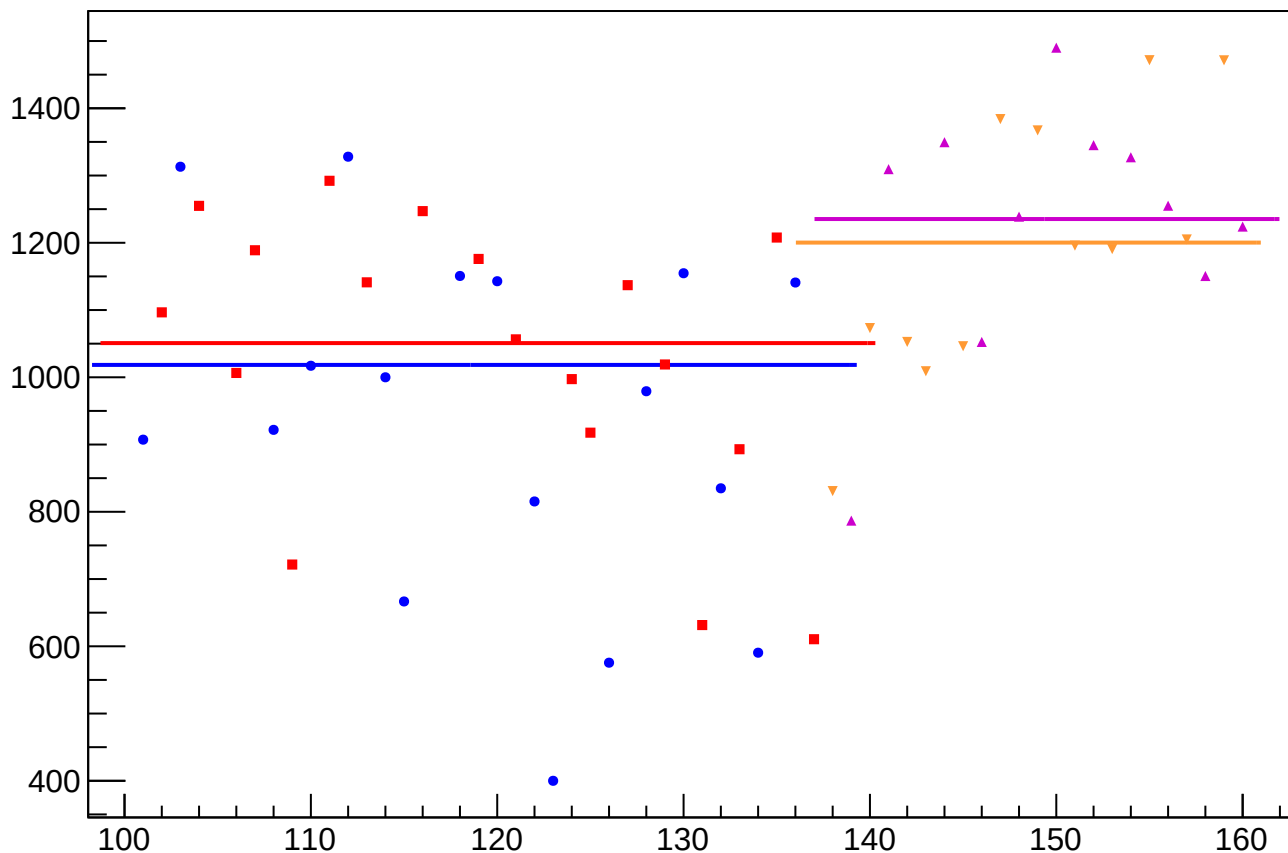
Left In: 1.924+/-0.000 χ^2/NDF : 95242962939028869202536503967744.0/10

All: 1.728+/-0.000 χ^2/NDF : 11788652842283.0/40

+ sign 1.756+/-0.000 χ^2/NDF : 64536417527038801.0/40

- sign 1.701+/-0.000 χ^2/NDF : 53102439200317192.0/40

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

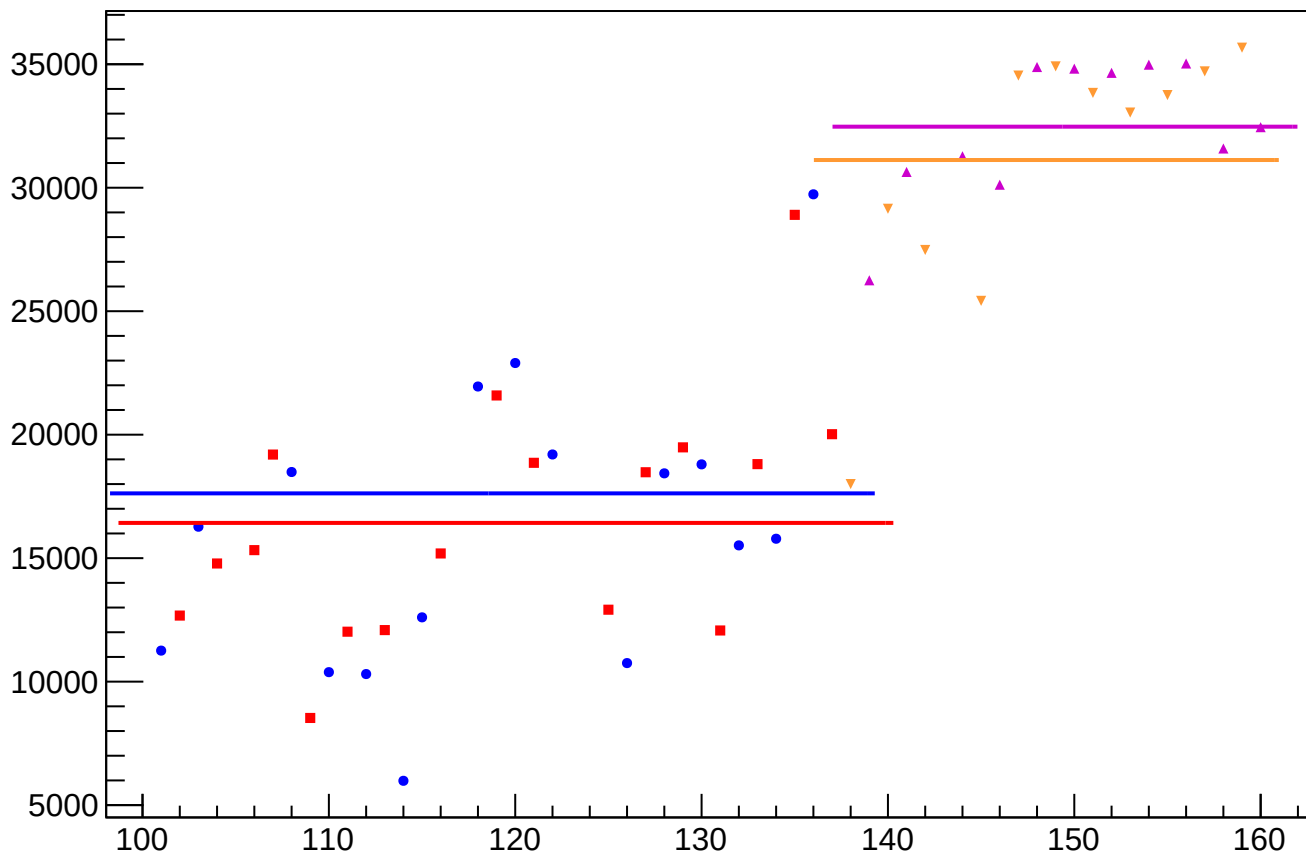
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

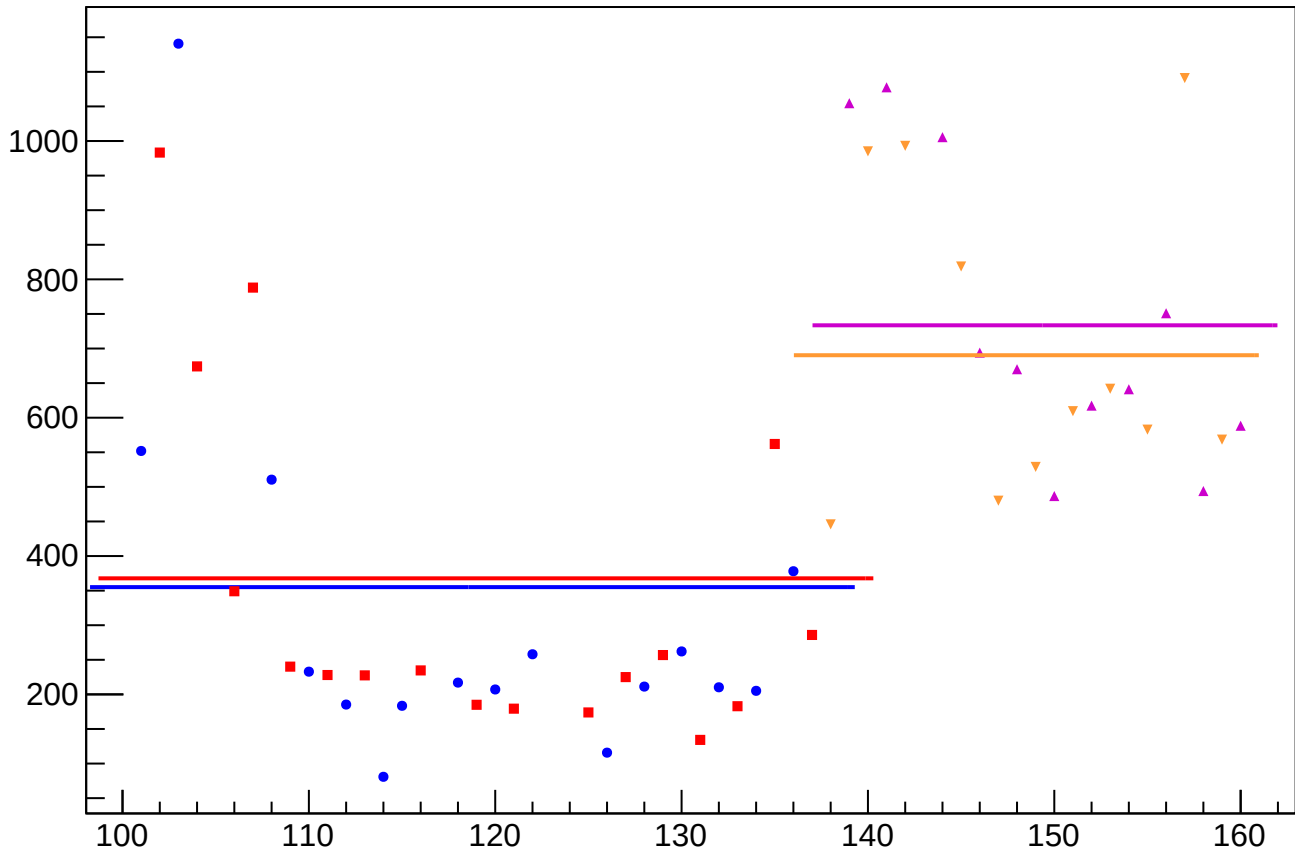
dit_usl_coil1_mean vs Slug



Right In: 17623.415+/-0.000	χ^2/NDF : 26214852160510248108396540611197117923328.0/15
Left Out: 31121.908+/-0.000	χ^2/NDF : 23059902976455903047894835429096743239680.0/10
Right Out: 16427.279+/-0.000	χ^2/NDF : 17497664990525804314439933995132913713152.0/16
Left In: 32472.045+/-0.000	χ^2/NDF : 6559386601849495088258310306923846565888.0/10

+ sign 25042.300+/-0.000 χ^2/NDF : 1183739483063
 All: 25324.303+/-0.000 χ^2/NDF : 2457090878
 - sign 25588.703+/-0.000 χ^2/NDF : 1270990775388

dit_usl_coil1_err_mean vs Slug



Right In: 355.072 $\pm$ 0.000 χ^2 /NDF: 50262750162224494428361272812030132224.0/15

+ sign 539.324 $\pm$ 0.000 χ^2 /NDF: 130507935432406

Left Out: 690.314 $\pm$ 0.000 χ^2 /NDF: 37624697763034602007656197583819243520.0/10

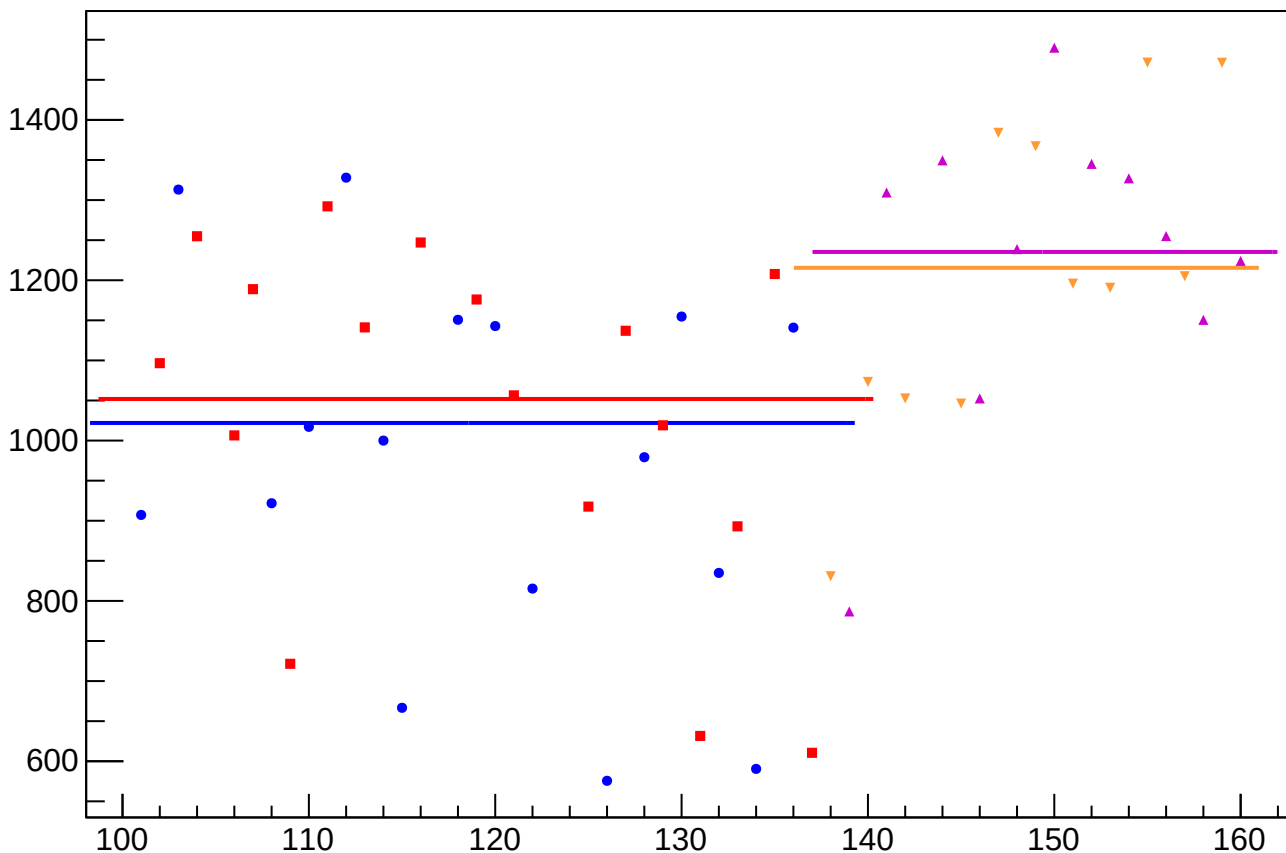
All: 558.586 $\pm$ 0.000 χ^2 /NDF: 271995272205

Right Out: 367.779 $\pm$ 0.000 χ^2 /NDF: 47461092327588428657122003339509235712.0/16

- sign 576.645 $\pm$ 0.000 χ^2 /NDF: 140385998297353

Left In: 733.575 $\pm$ 0.000 χ^2 /NDF: 39366801674031082271771997491878166528.0/10

dit_usl_coil1_Ndata_mean vs Slug



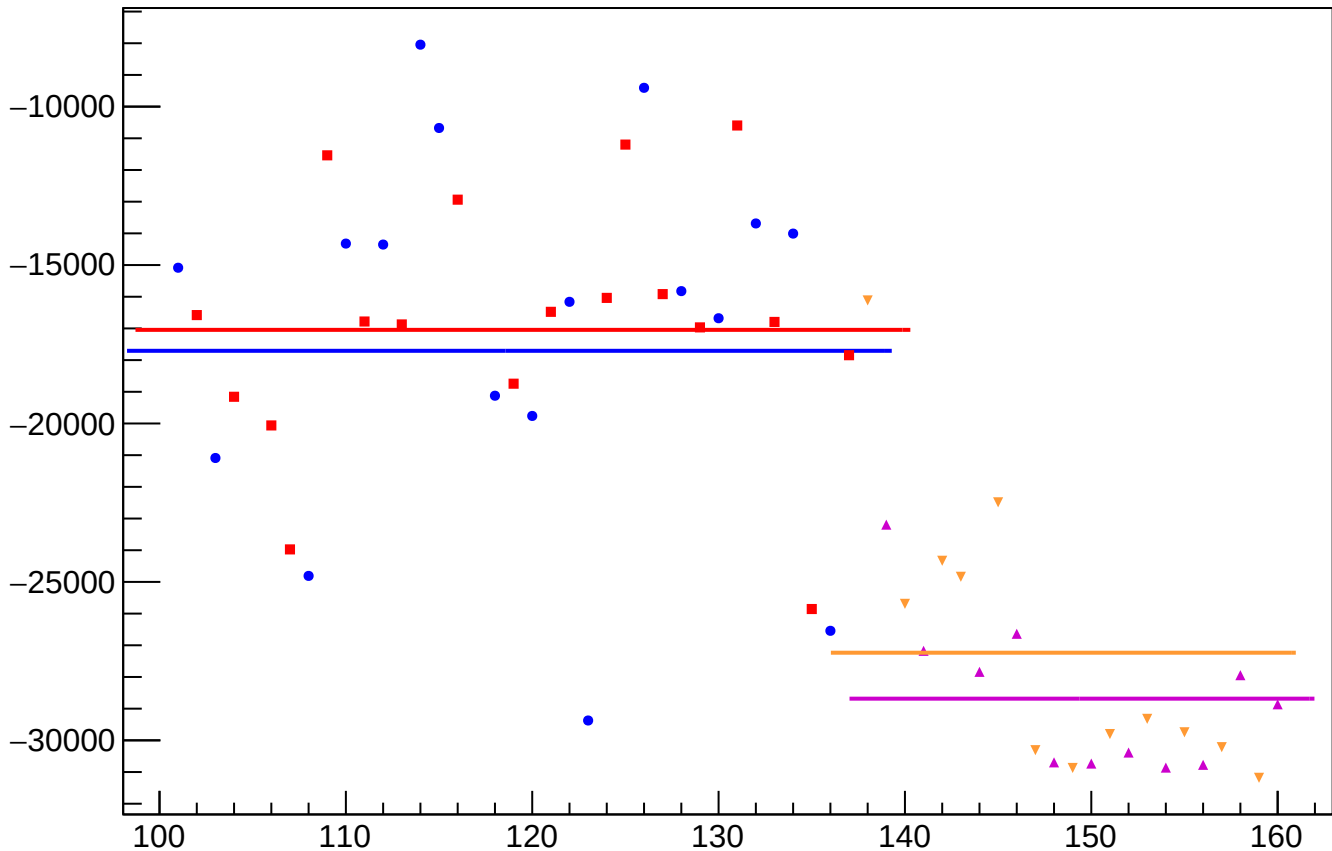
Right In: 1021.988+/-0.000 χ^2/NDF : 31240102732297466680062358937095110656.0/15

Left Out: 1215.518+/-0.000 χ^2/NDF : 31376780831313540387850491409995923456.0/10

Right Out: 1051.912+/-0.000 χ^2/NDF : 26857120331966502825045576618889707520.0/16

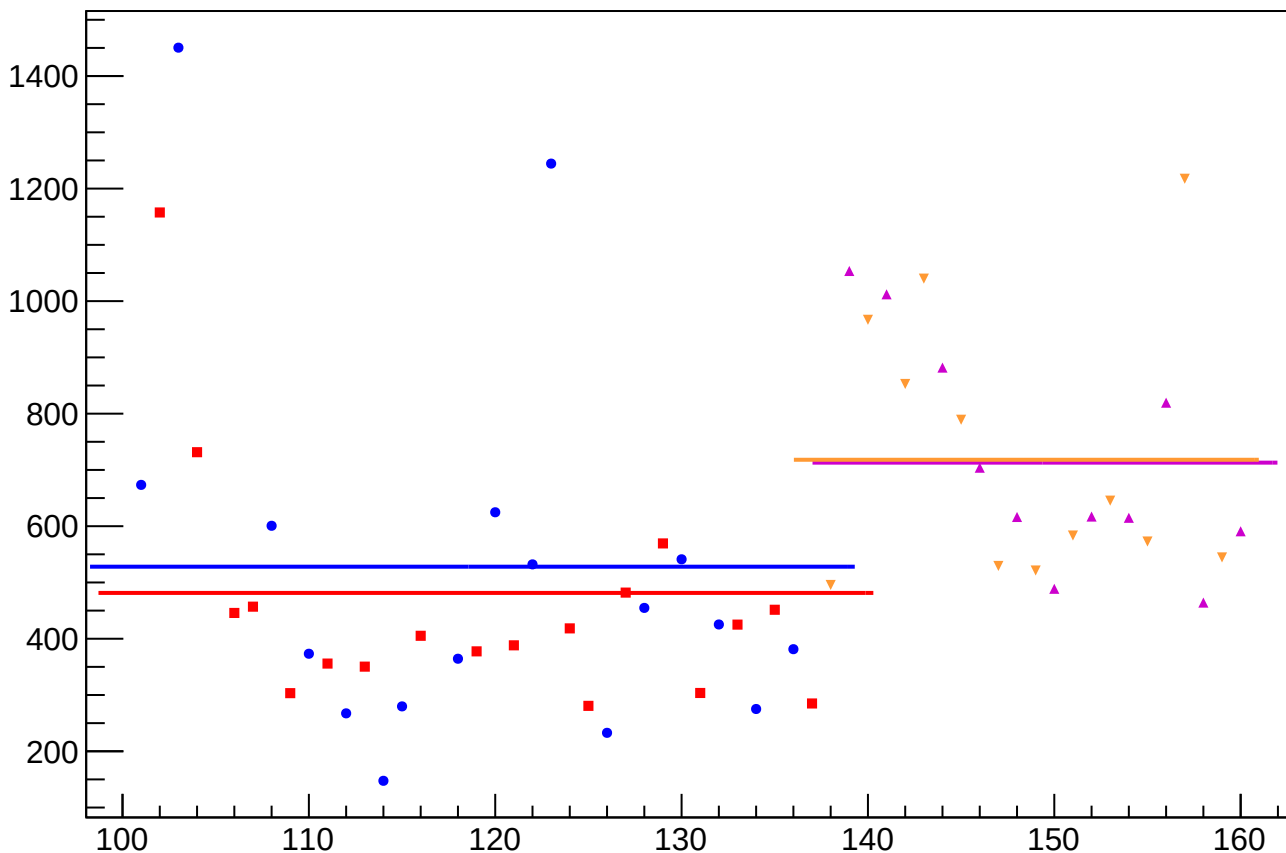
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_usr_coil1_mean vs Slug



Right In: -17706.432+/-0.000 χ^2/NDF : 17446583920719856354509663675734298722304.0/16
 Left Out: -27234.311+/-0.000 χ^2/NDF : 17501423858802312277149406811030835691520.0/11
 Right Out: -17045.413+/-0.000 χ^2/NDF : 10956517506901040130363493382016229965824.0/17
 Left In: -28684.462+/-0.000 χ^2/NDF : 4838740363214091105444424537307038613504.0/10

dit_usr_coil1_err_mean vs Slug



Right In: 528.041+/-0.000 χ^2/NDF : 69659723827653646879006199384029265920.0/16

Left Out: 718.075+/-0.000 χ^2/NDF : 47539185486125031464503975982300921856.0/11

Right Out: 481.423+/-0.000 χ^2/NDF : 37781807344960782949995964438094544896.0/17

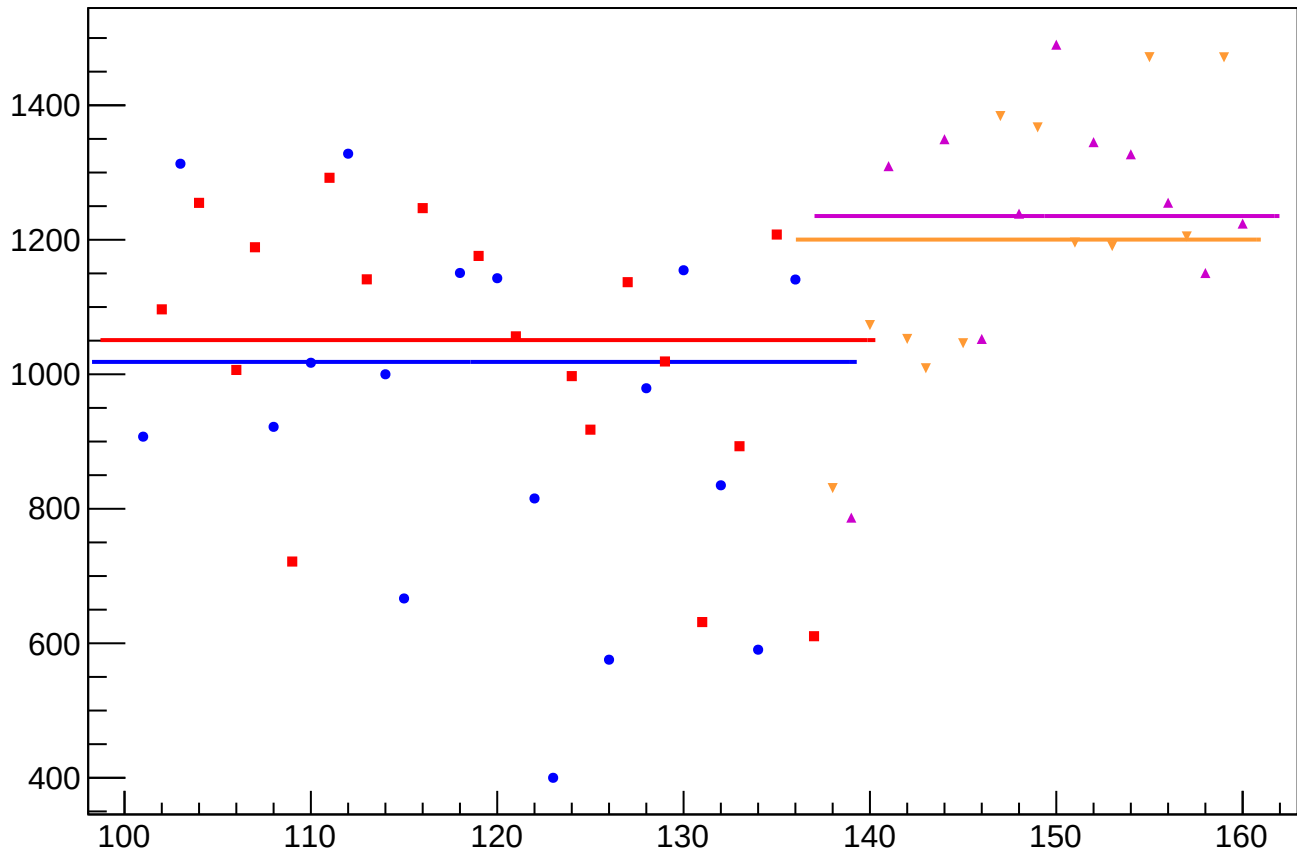
Left In: 712.956+/-0.000 χ^2/NDF : 33715682233034029284600696449779367936.0/10

+ sign 635.802+/-0.000 χ^2/NDF : 131410822465640

All: 623.991+/-0.000 χ^2/NDF : 22504925946

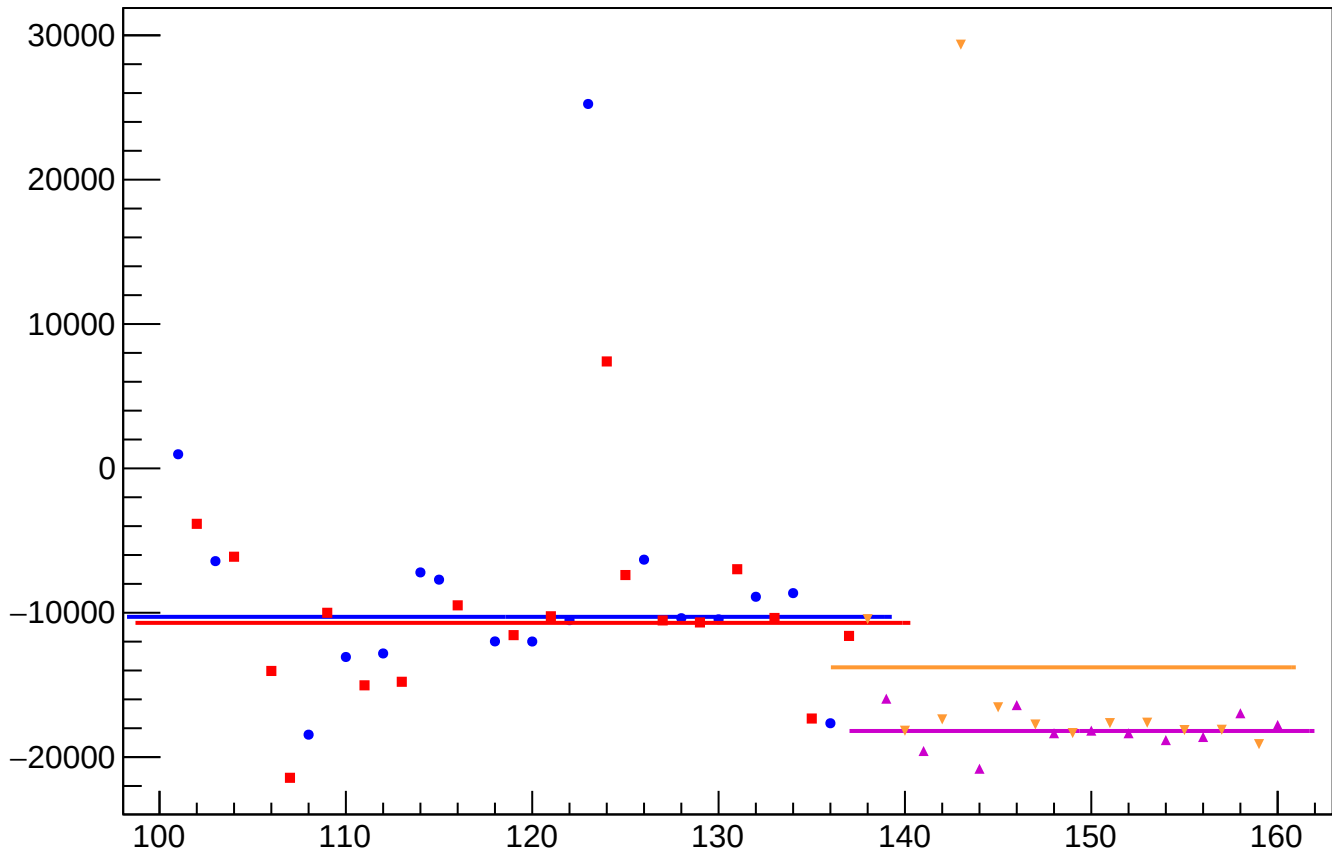
- sign 612.503+/-0.000 χ^2/NDF : 931973107729441

dit_usr_coil1_Ndata_mean vs Slug



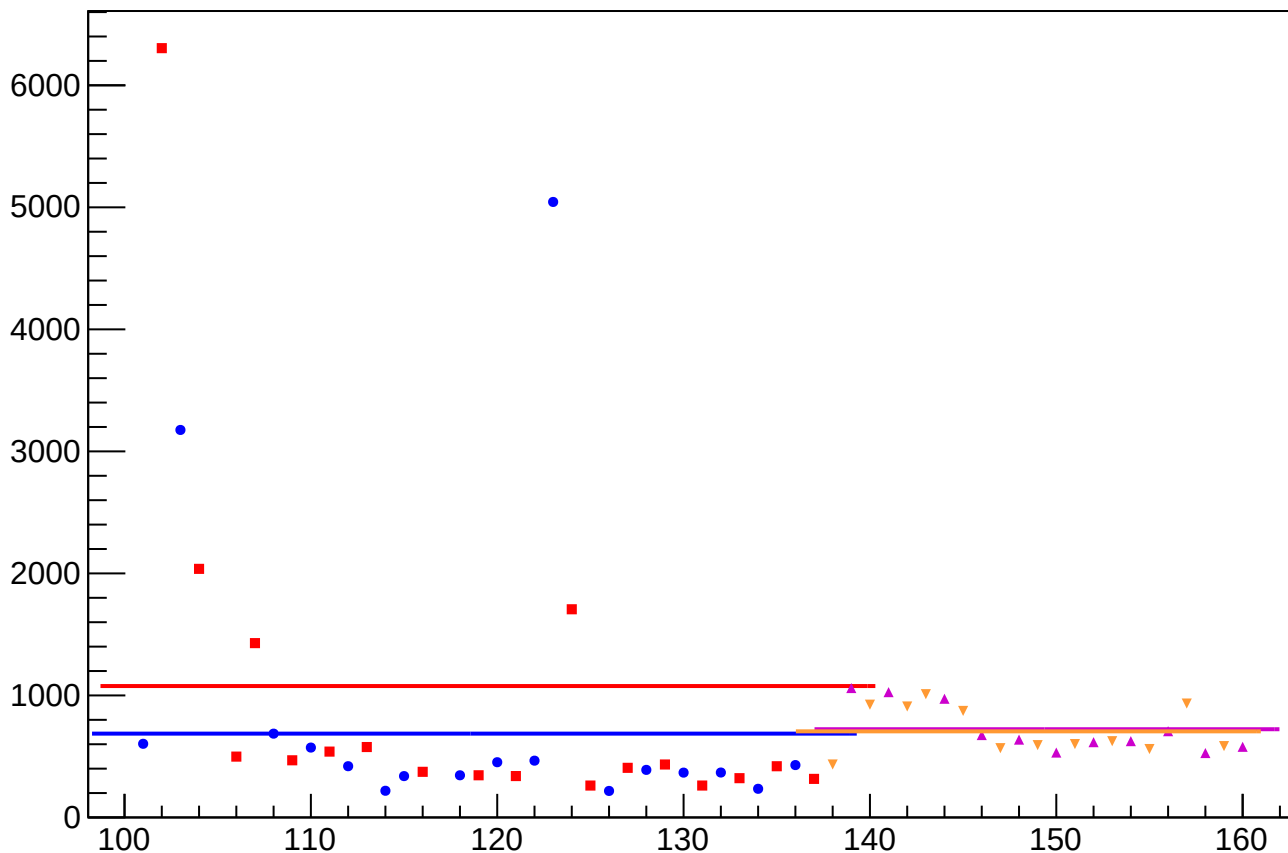
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_atl1_coil1_mean vs Slug



Right In: -10283.660+/-0.000 χ^2/NDF : 22542685724167344155071704935611221671936.0/16
 Left Out: -13780.875+/-0.000 χ^2/NDF : 138817330584648681822484556617162256547840.0/11
 Right Out: -10700.860+/-0.000 χ^2/NDF : 17608009820774086602629870631925827239936.0/17
 Left In: -18189.629+/-0.000 χ^2/NDF : 1634139917822330923820252034017137786880.0/10

dit_atl1_coil1_err_mean vs Slug



Right In: 686.989+/-0.000 χ^2/NDF : 493304193623954738914781428530632720384.0/16

Left Out: 705.686+/-0.000 χ^2/NDF : 30616664019236375652772902235296235520.0/11

Right Out: 1076.905+/-0.000 χ^2/NDF : 1898129082549914246384223466564869947392.0/17

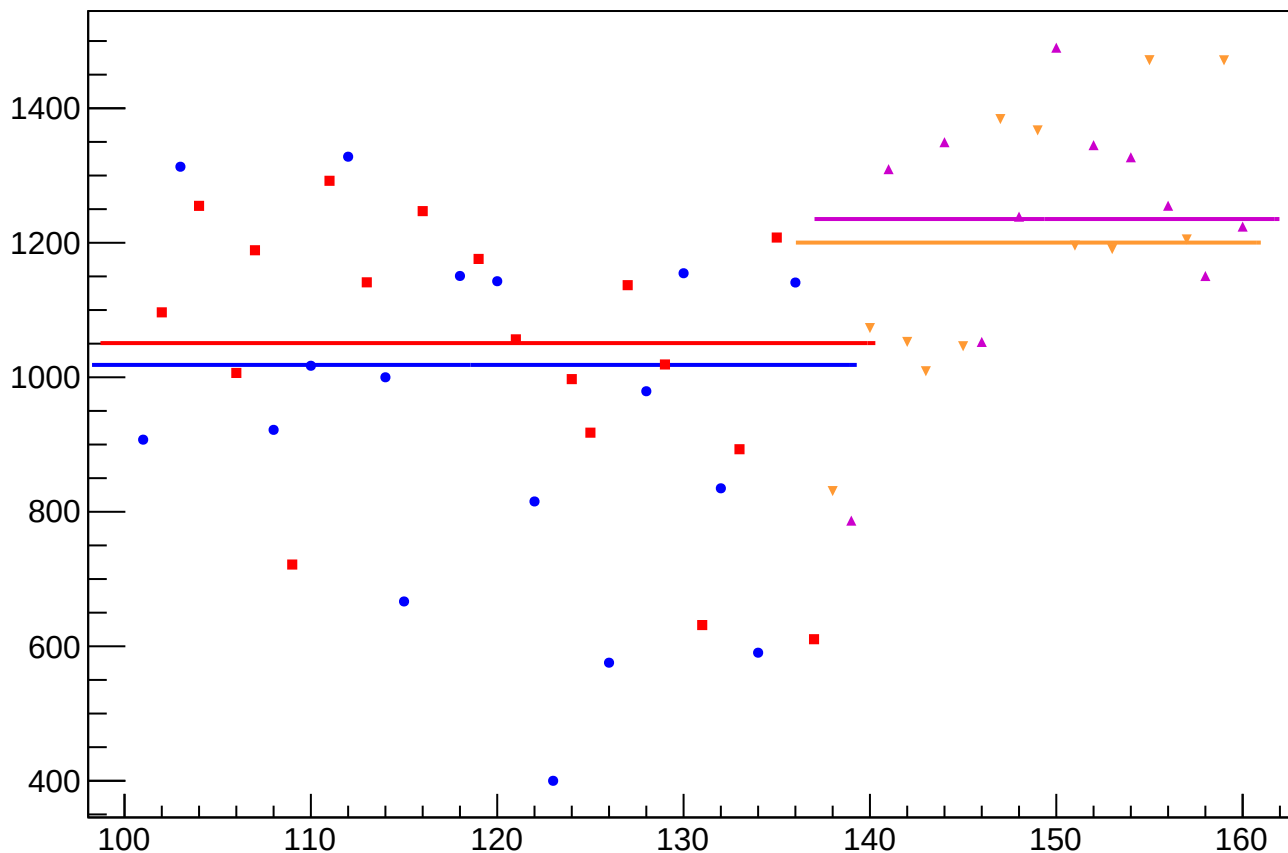
Left In: 722.981+/-0.000 χ^2/NDF : 33412765649158577967580020065397899264.0/10

All: 788.301+/-0.000 χ^2/NDF : 253232517173

+ sign 697.591+/-0.000 χ^2/NDF : 524058426538162

- sign 876.534+/-0.000 χ^2/NDF : 198224700627180

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

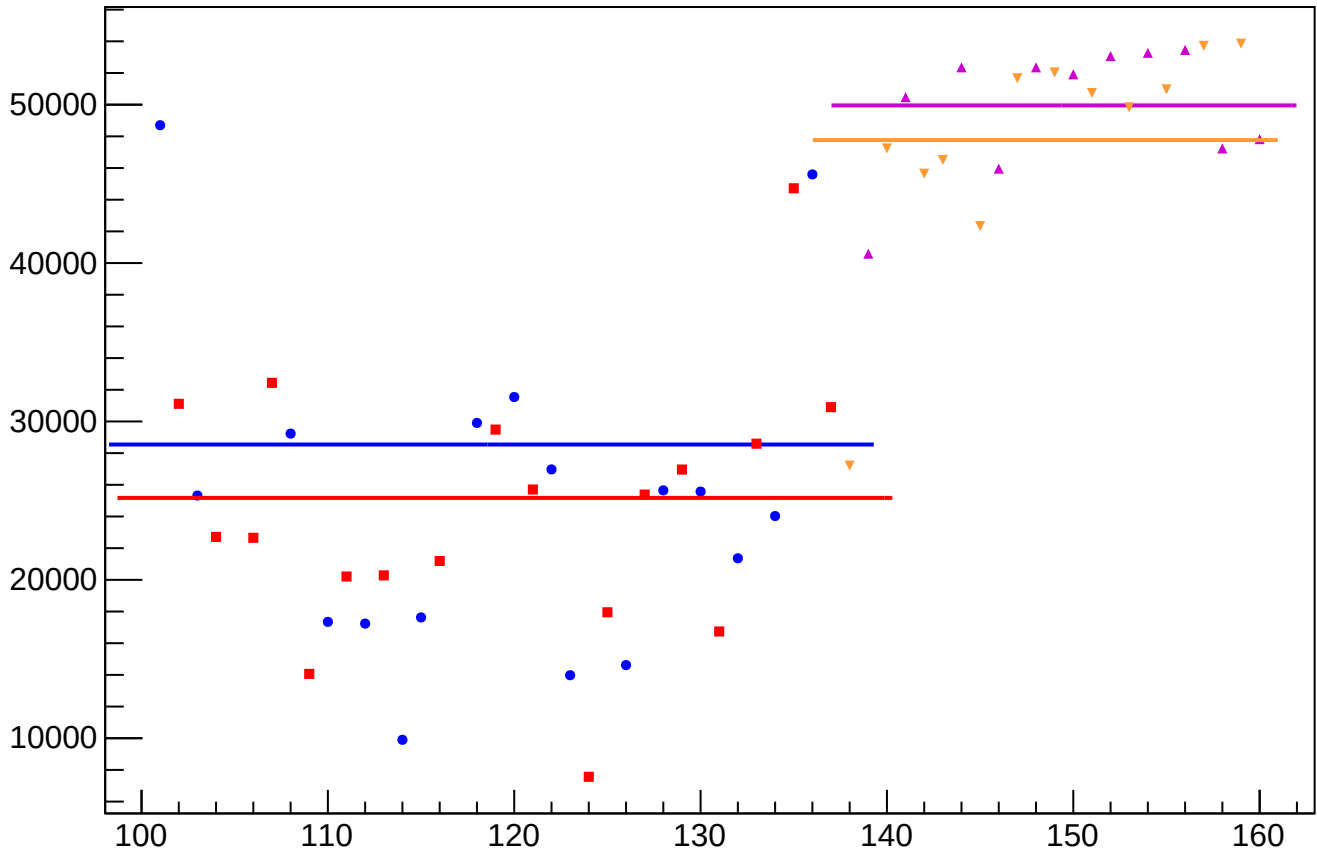
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

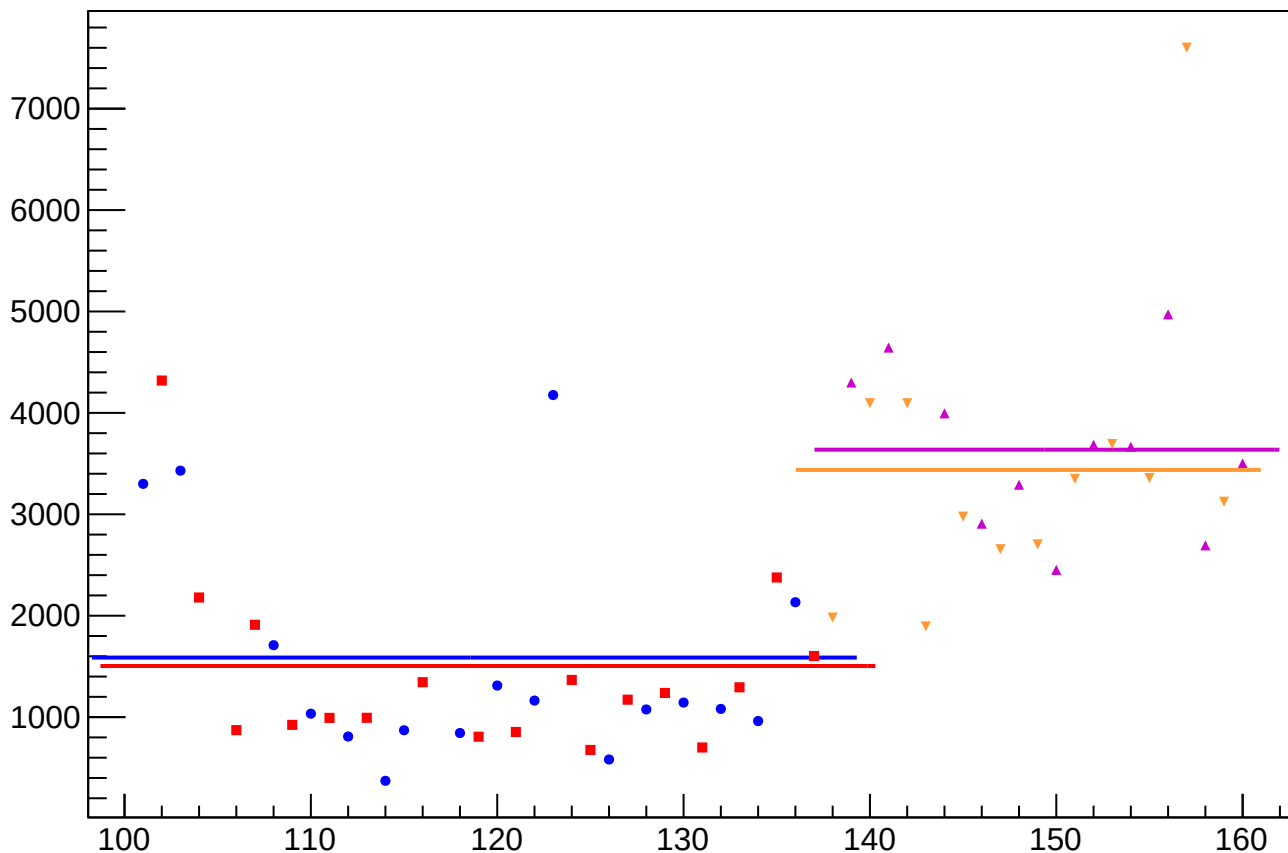
dit_atl2_coil1_mean vs Slug



Right In: 28545.088+/-0.000	χ^2/NDF : 79305503092498524397532941064889916456960.0/16
Left Out: 47763.203+/-0.000	χ^2/NDF : 45759984204233972463295715243734259990528.0/11
Right Out: 25173.072+/-0.000	χ^2/NDF : 42747079455180569490134671830323044548608.0/17
Left In: 49953.612+/-0.000	χ^2/NDF : 13577033864383990821014727544731703705600.0/10

+ sign 39442.946+/-0.000 χ^2/NDF : 2704142672971
 All: 39320.981+/-0.000 χ^2/NDF : 5753572999
 - sign 39202.346+/-0.000 χ^2/NDF : 3048959929215

dit_atl2_coil1_err_mean vs Slug



Right In: 1587.187+/-0.000 χ^2 /NDF: 615324434940076903003531567179686215680.0/16

Left Out: 3437.732+/-0.000 χ^2 /NDF: 1787367668595754289869839739980022284288.0/11

Right Out: 1504.230+/-0.000 χ^2 /NDF: 678771439829187339393474850676239499264.0/17

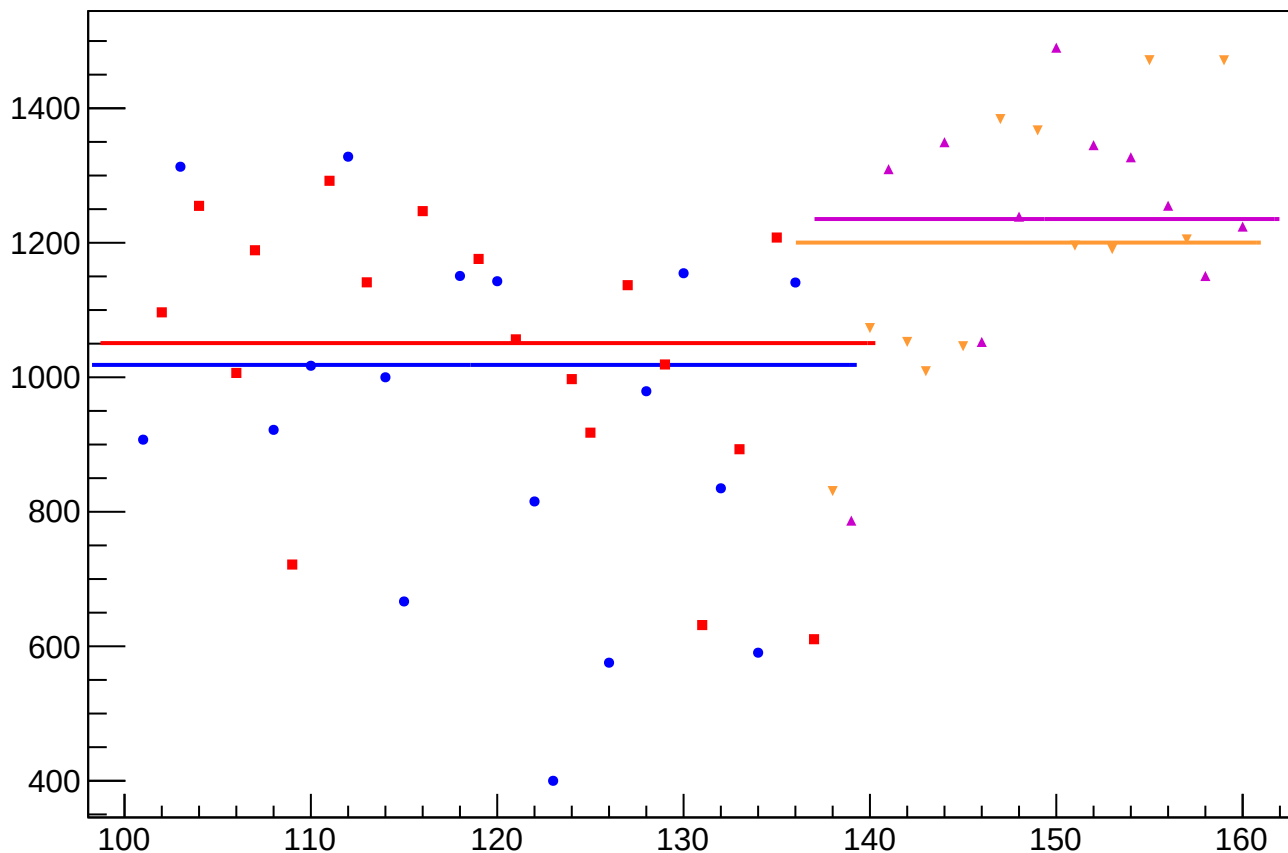
Left In: 3636.942+/-0.000 χ^2 /NDF: 531629510499304026743248594251812962304.0/10

+ sign 2636.561+/-0.000 χ^2 /NDF: 37503796075026

All: 2674.623+/-0.000 χ^2 /NDF: 68065367246

- sign 2711.646+/-0.000 χ^2 /NDF: 30515759098820

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

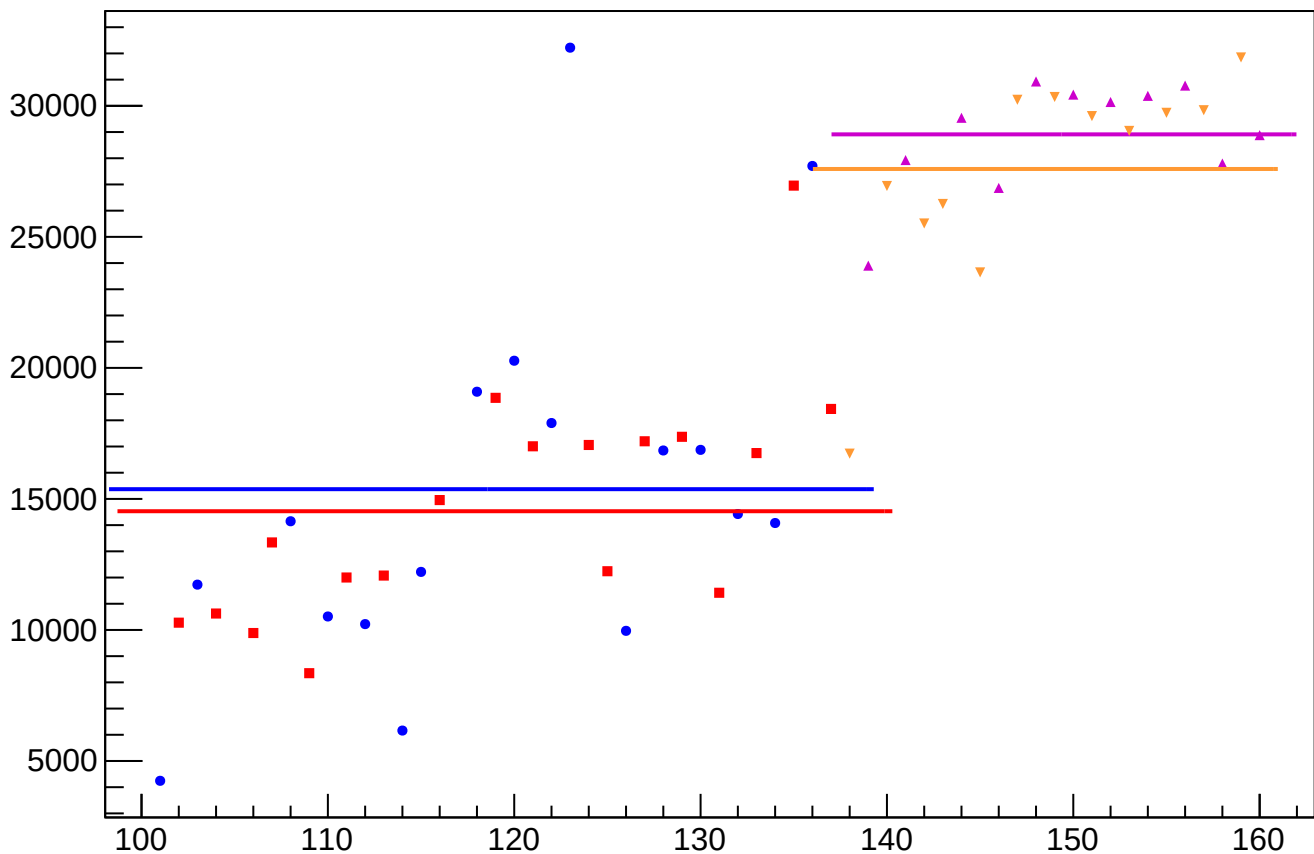
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

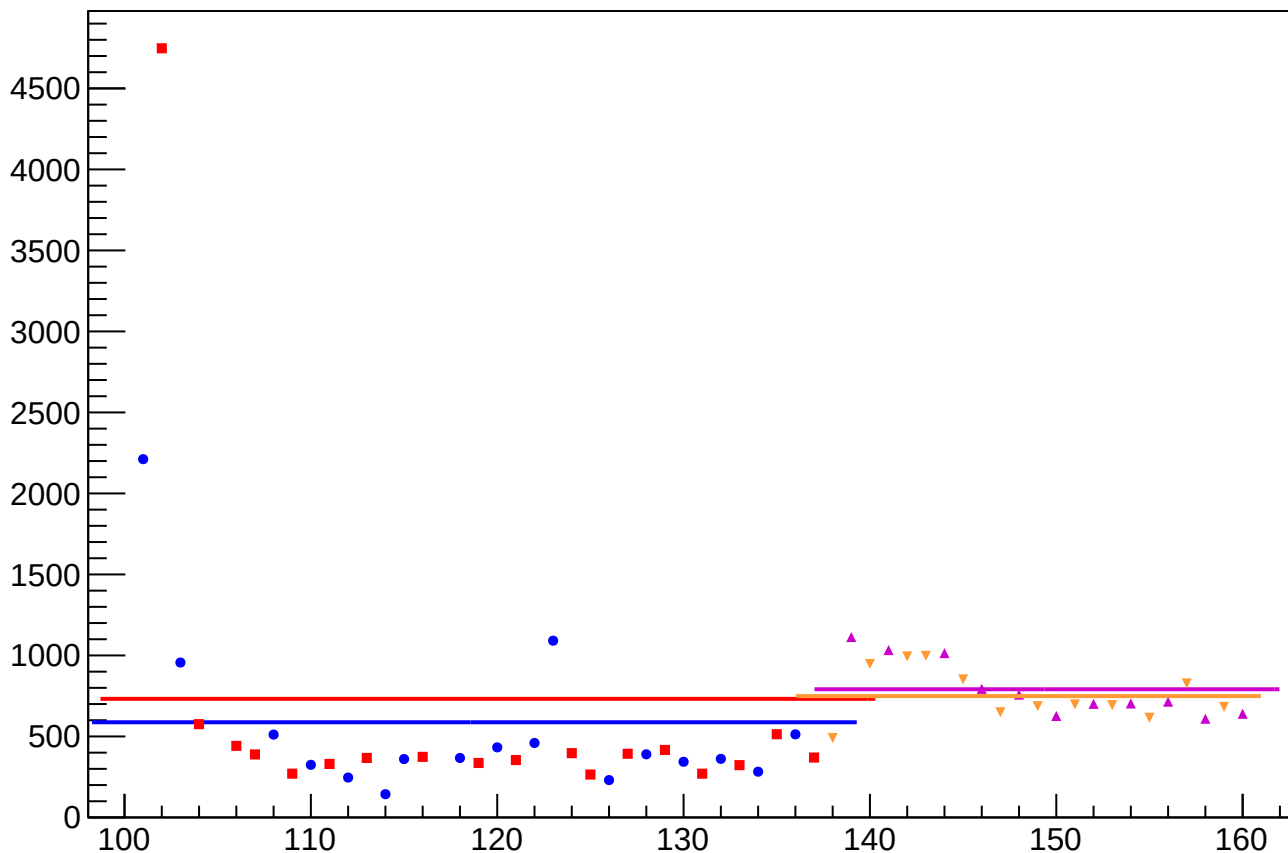
dit_atr1_coil1_mean vs Slug



Right In: 15371.957+/-0.000	χ^2/NDF : 29284474571084462407736251938608521412608.0/16
Left Out: 27590.549+/-0.000	χ^2/NDF : 14629897493361033715378591637422508867584.0/11
Right Out: 14530.553+/-0.000	χ^2/NDF : 15462988113686651104588076983529515253760.0/17
Left In: 28911.407+/-0.000	χ^2/NDF : 3750623516154684604168342640620271042560.0/10

+ sign 22300.654+/-0.000 χ^2/NDF : 1026676602092
 All: 22488.968+/-0.000 χ^2/NDF : 2057077476
 - sign 22672.141+/-0.000 χ^2/NDF : 1029279471087

dit_atr1_coil1_err_mean vs Slug



Right In: 587.577+/-0.000 χ^2/NDF : 195107984512310448986091727250308202496.0/16

Left Out: 749.082+/-0.000 χ^2/NDF : 19986493434775093751754489968960995328.0/11

Right Out: 732.166+/-0.000 χ^2/NDF : 1022613131551712750449458449642369843200.0/17

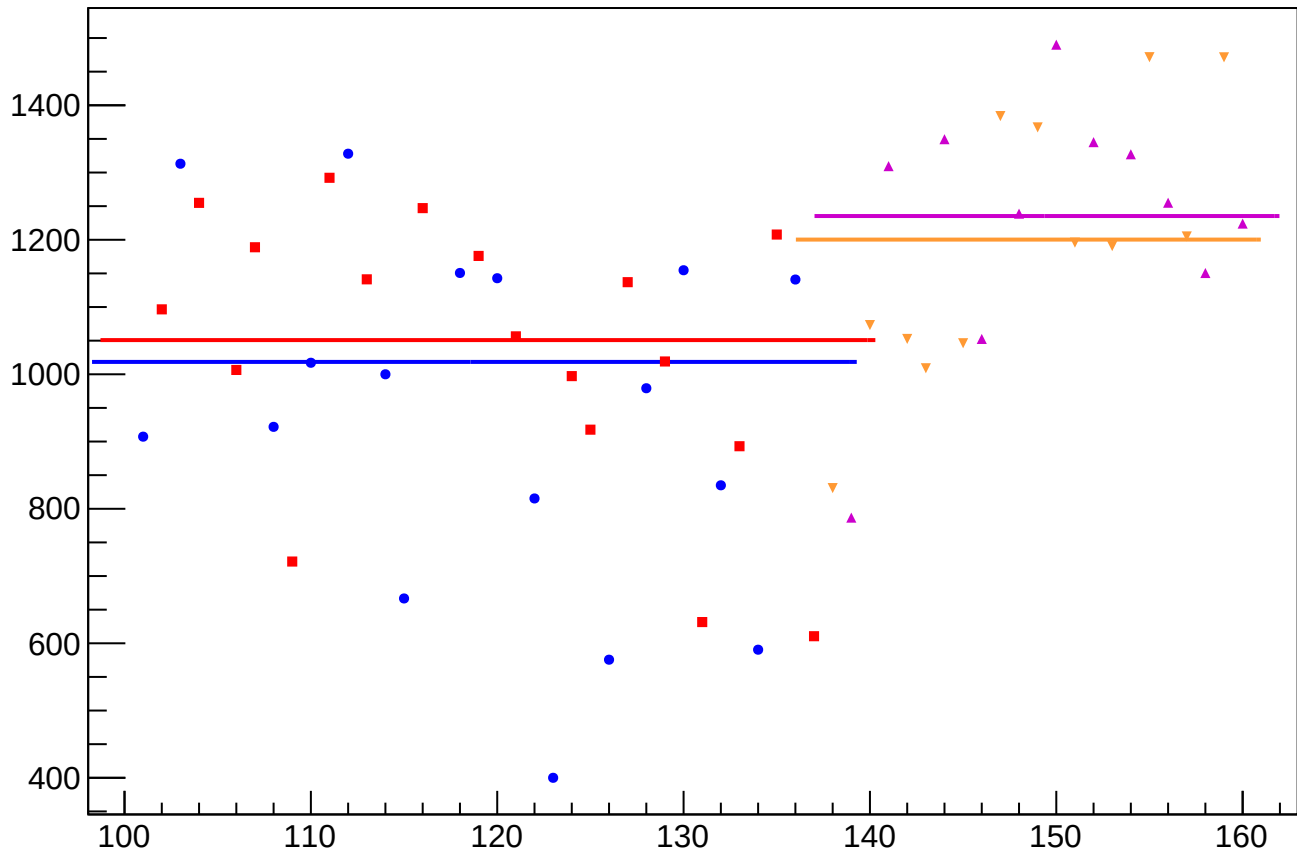
Left In: 791.279+/-0.000 χ^2/NDF : 2682259207642096711518423492795039744.0/10

+ sign 679.161+/-0.000 χ^2/NDF : 225359554725532

All: 722.995+/-0.000 χ^2/NDF : 128228574295

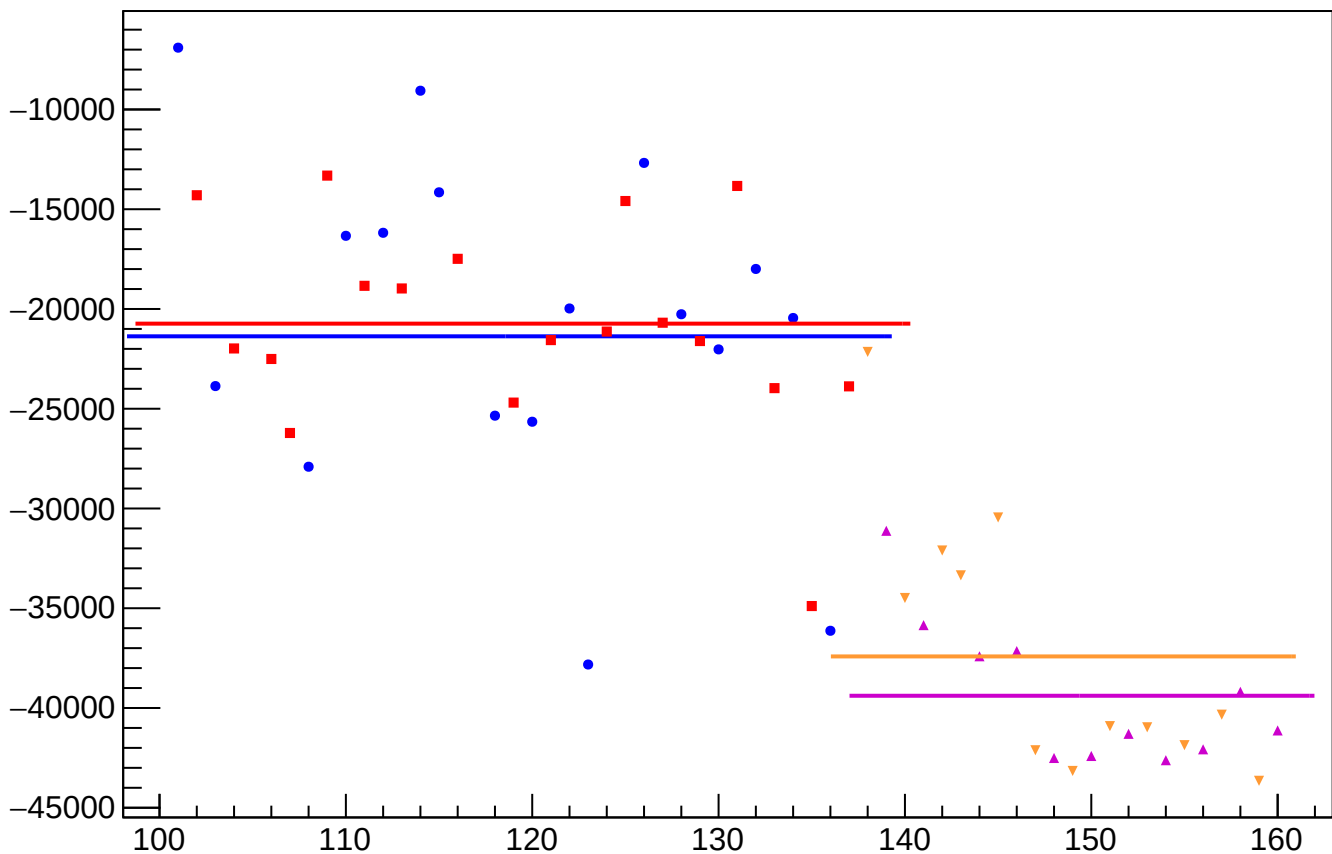
- sign 765.632+/-0.000 χ^2/NDF : 105085013802887

dit_atr1_coil1_Ndata_mean vs Slug



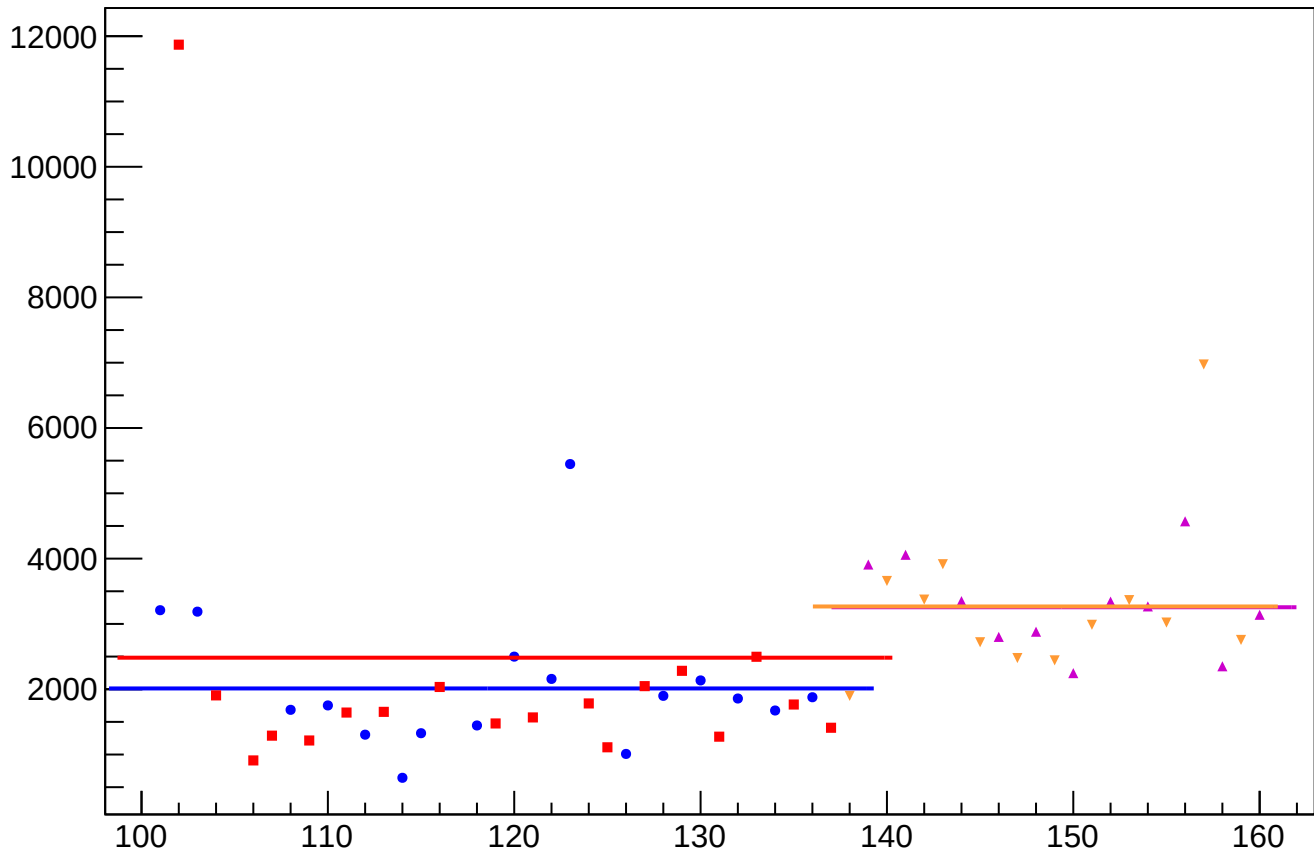
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_atr2_coil1_mean vs Slug



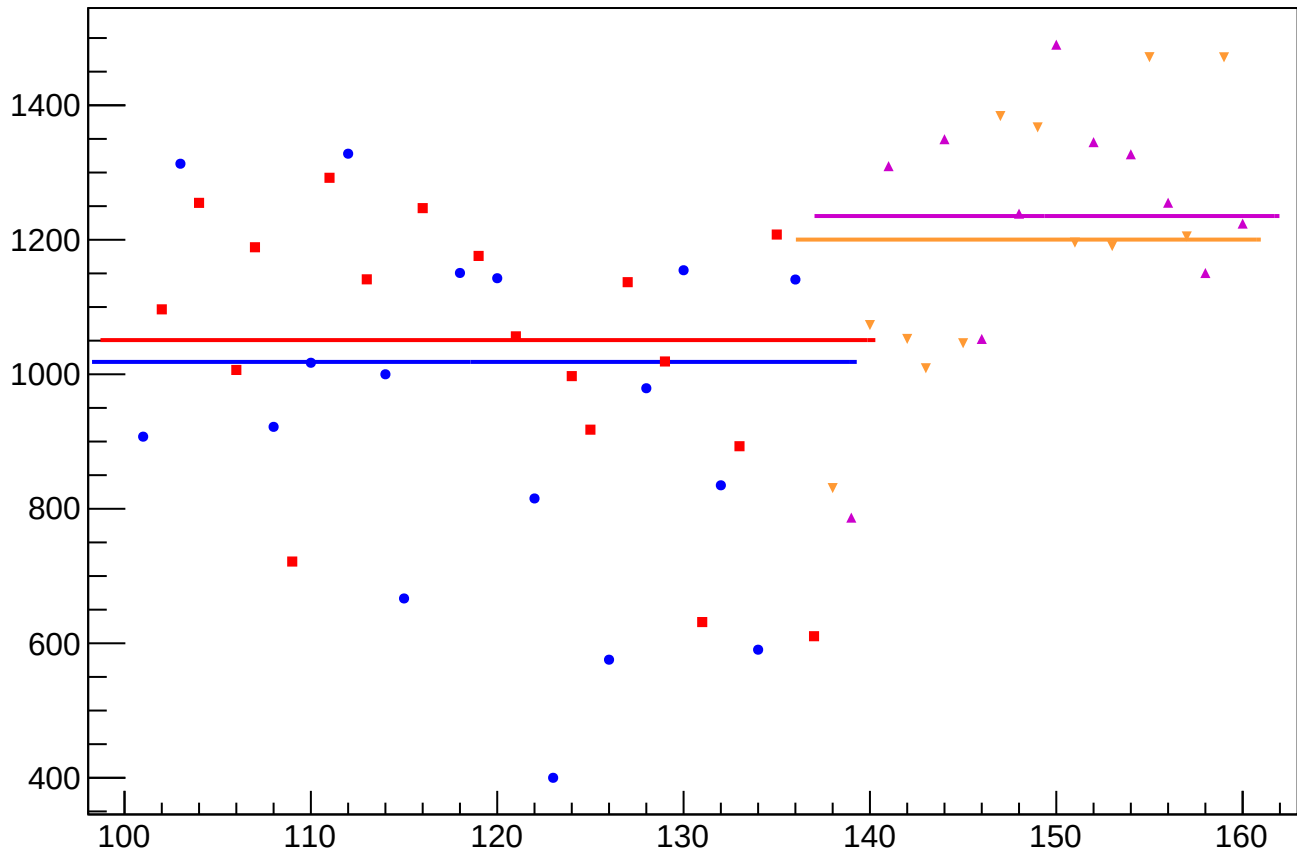
Right In: -21370.339+/-0.000 χ^2/NDF : 44476087148423218769698830448172004802560.0/16
 Left Out: -37415.440+/-0.000 χ^2/NDF : 36893164654983701349381151569495382294528.0/11
 Right Out: -20735.001+/-0.000 χ^2/NDF : 21267884844776863671050573800564620001280.0/17
 Left In: -39386.944+/-0.000 χ^2/NDF : 11090931788233525208634627212015308898304.0/10

dit_atr2_coil1_err_mean vs Slug



Right In: 2011.970+/-0.000	χ^2/NDF : 346652592308673178727003456260959895552.0/16	+ sign 2723.756+/-0.000	χ^2/NDF : 23320679175919
Left Out: 3267.187+/-0.000	χ^2/NDF : 1365364759229998432134037030614341779456.0/11	All: 2823.330+/-0.000	χ^2/NDF : 86970337453
Right Out: 2482.921+/-0.000	χ^2/NDF : 5673812113008855047349052904680066121728.0/17	- sign 2920.185+/-0.000	χ^2/NDF : 63336123421308
Left In: 3255.280+/-0.000	χ^2/NDF : 418327011986445588651238941523934445568.0/10		

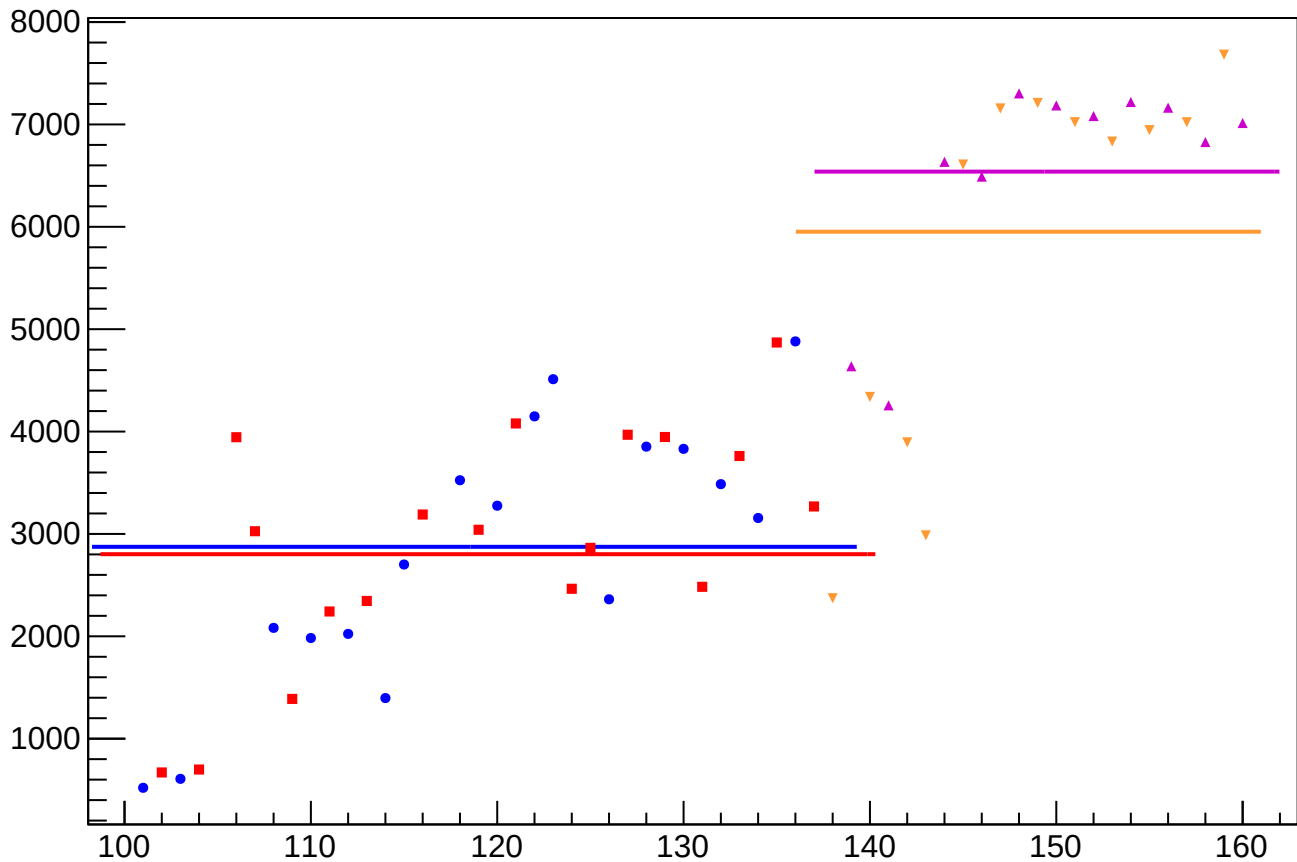
dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000	χ^2/NDF : 32778661856751386998435413517146259456.0/16
Left Out: 1200.293+/-0.000	χ^2/NDF : 34024831893478856274932660157533913088.0/11
Right Out: 1050.842+/-0.000	χ^2/NDF : 26898078099677260392287731084448235520.0/17
Left In: 1235.313+/-0.000	χ^2/NDF : 29022677529286996275047766841758842880.0/10

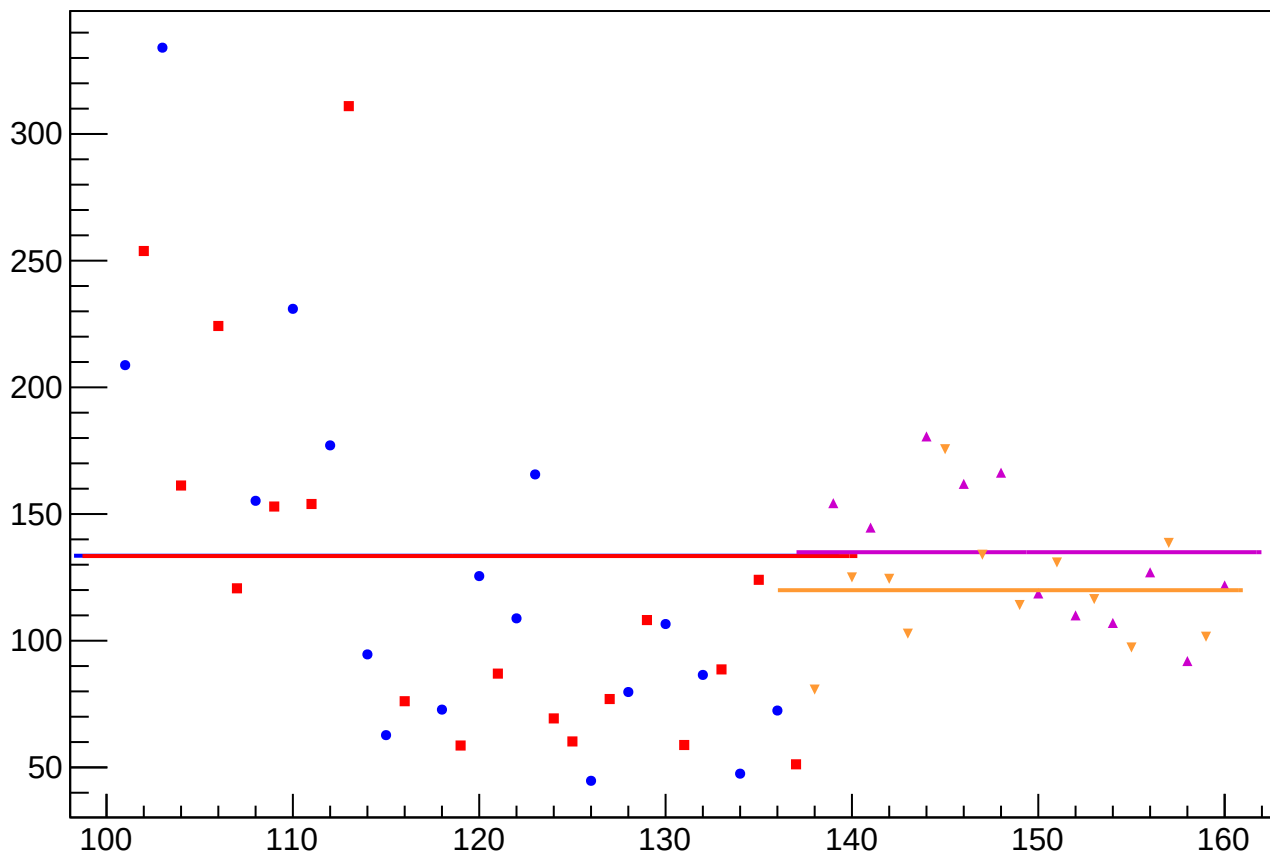
+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826
 All: 1138.646+/-0.000 χ^2/NDF : 15044351621
 - sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam1_coil1_mean vs Slug



Right In: 2874.142+/-0.000 χ^2/NDF : 1331222919424099285024540359740568371200.0/16
 Left Out: 5952.071+/-0.000 χ^2/NDF : 2833818943109615822191848442455285301248.0/11
 Right Out: 2802.151+/-0.000 χ^2/NDF : 1095477572477657195402092119674444578816.0/17
 Left In: 6539.067+/-0.000 χ^2/NDF : 947421211454184627704546632992611631104.0/10

dit_sam1_coil1_err_mean vs Slug



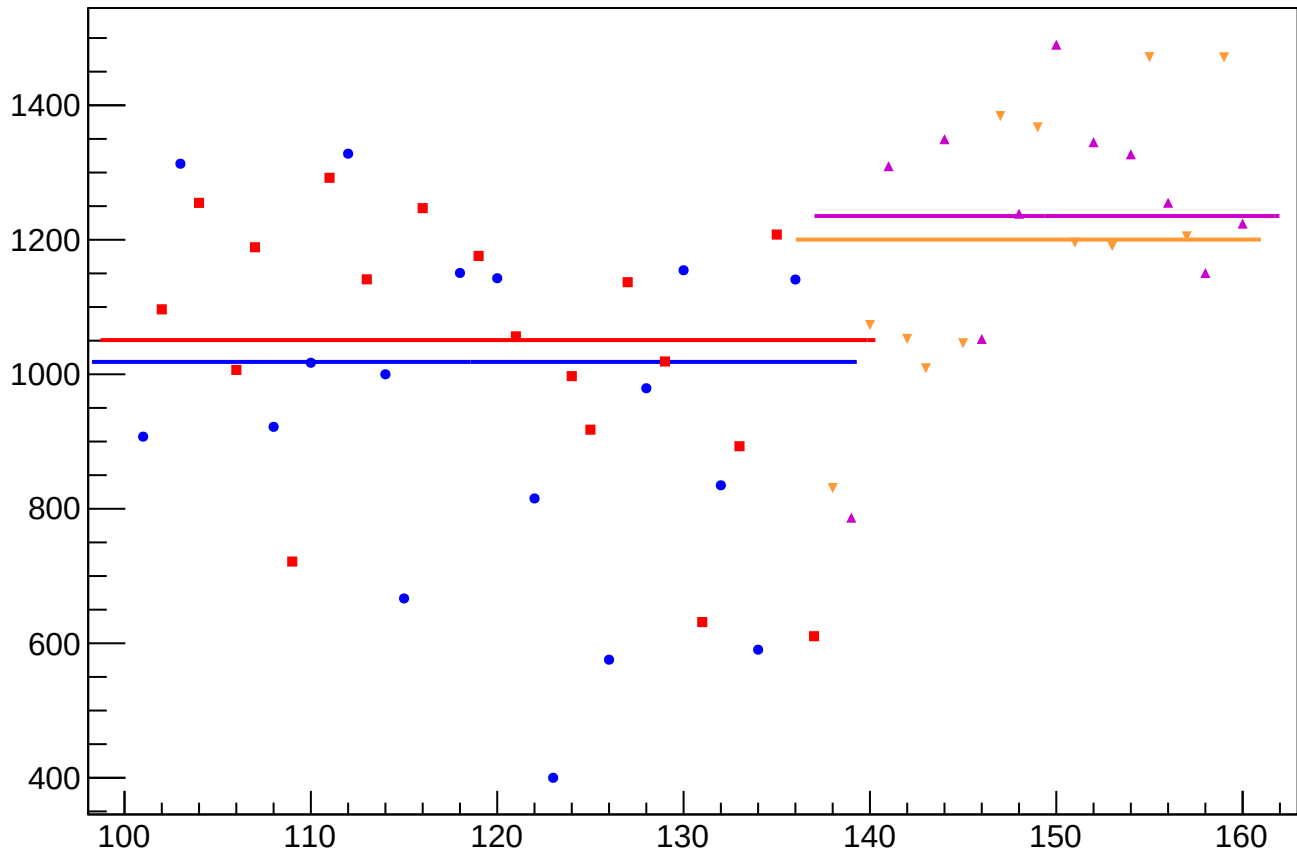
Right In: 133.542+/-0.000 χ^2/NDF : 4543635536863363524362136904007680000.0/16

Left Out: 119.938+/-0.000 χ^2/NDF : 506287177502147090737971040893272064.0/11

Right Out: 133.414+/-0.000 χ^2/NDF : 3923674220000100911612282920536899584.0/17

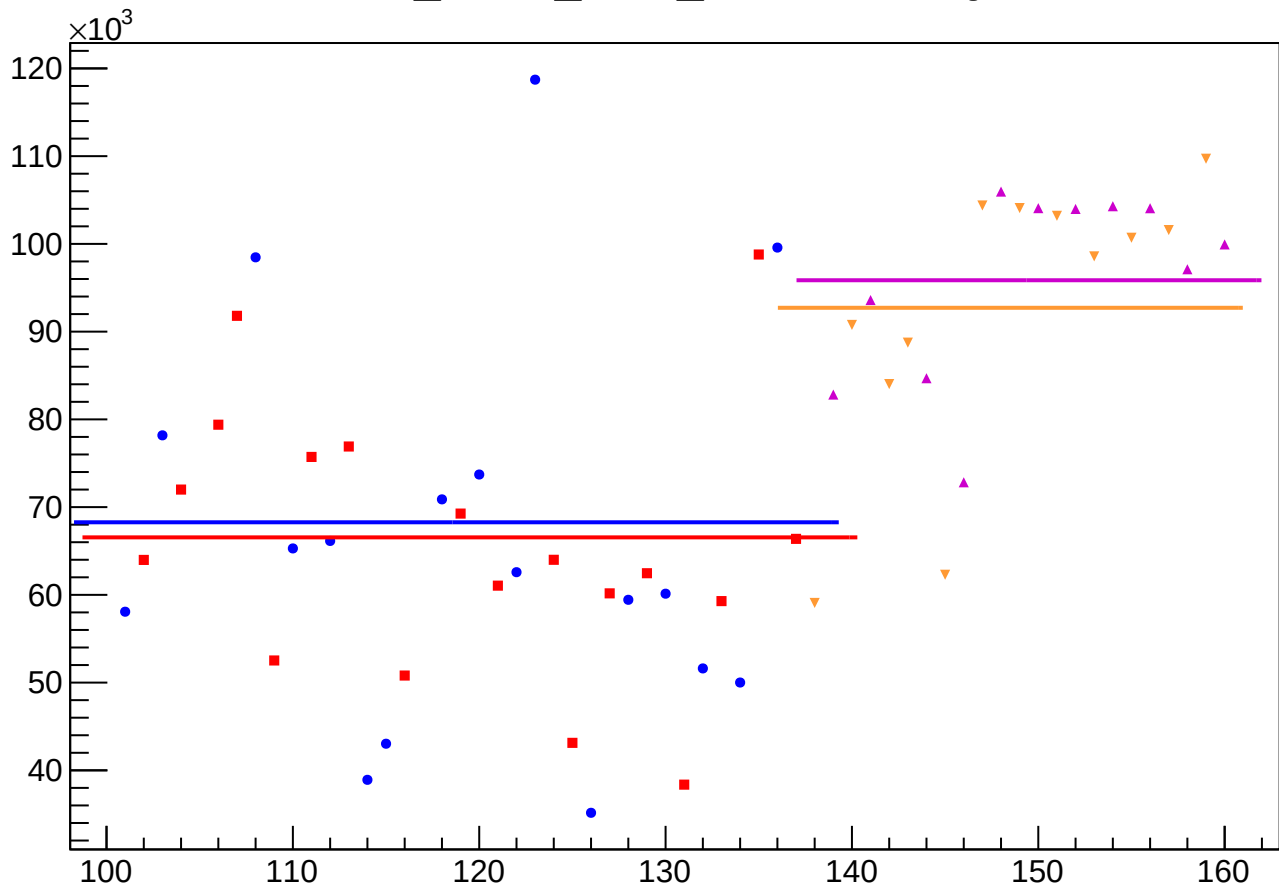
Left In: 134.936+/-0.000 χ^2/NDF : 683742897306443646966443406983692288.0/10

dit_sam1_coil1_Ndata_mean vs Slug



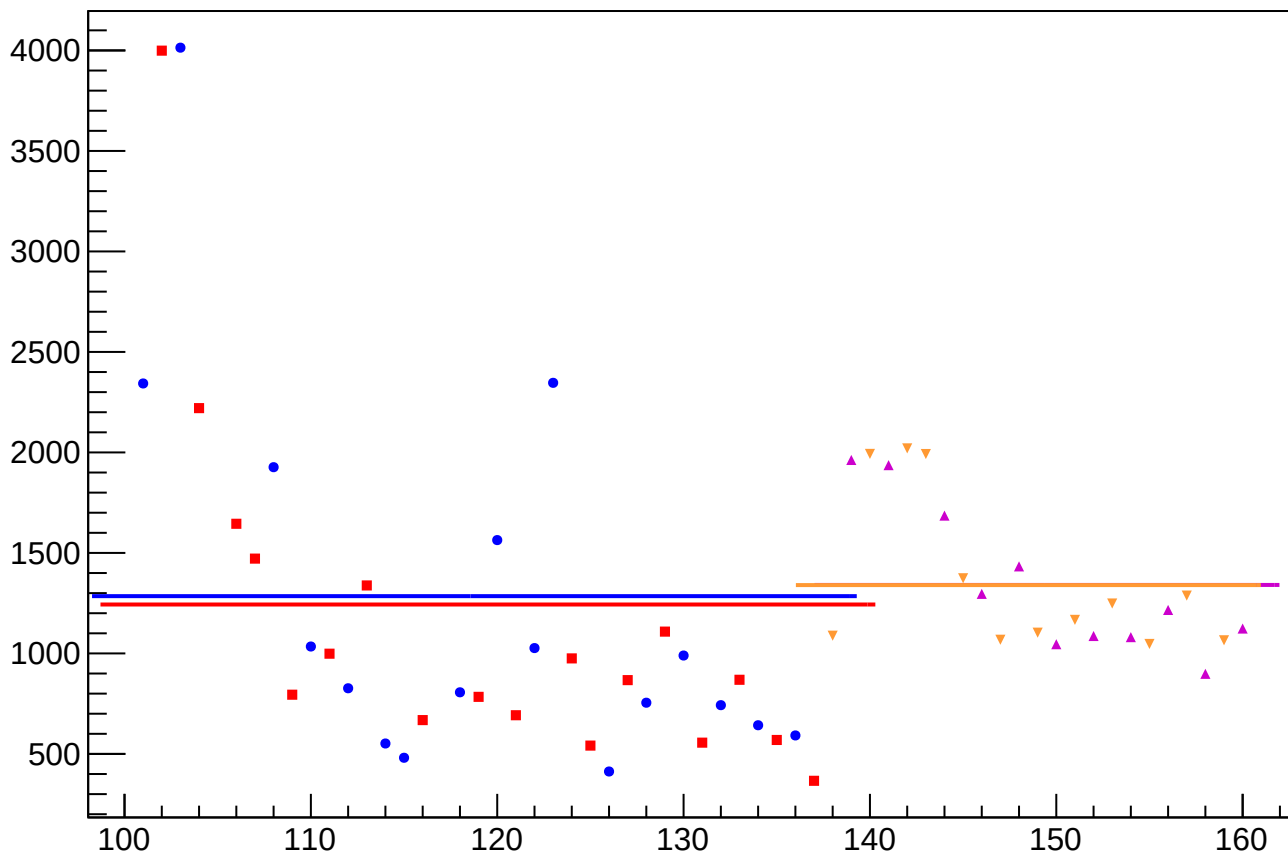
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam2_coil1_mean vs Slug



Right In: 68271.144 $\pm$ 0.000 χ^2 /NDF: 235026660939690757848337831565145453625344.0/16
 Left Out: 92717.908 $\pm$ 0.000 χ^2 /NDF: 232153760216632352324453742795605416083456.0/11
 Right Out: 66552.333 $\pm$ 0.000 χ^2 /NDF: 160169834970936771160063883899631076114432.0/17
 Left In: 95856.790 $\pm$ 0.000 χ^2 /NDF: 102994954285402902924974022528111745171456.0/10

dit_sam2_coil1_err_mean vs Slug



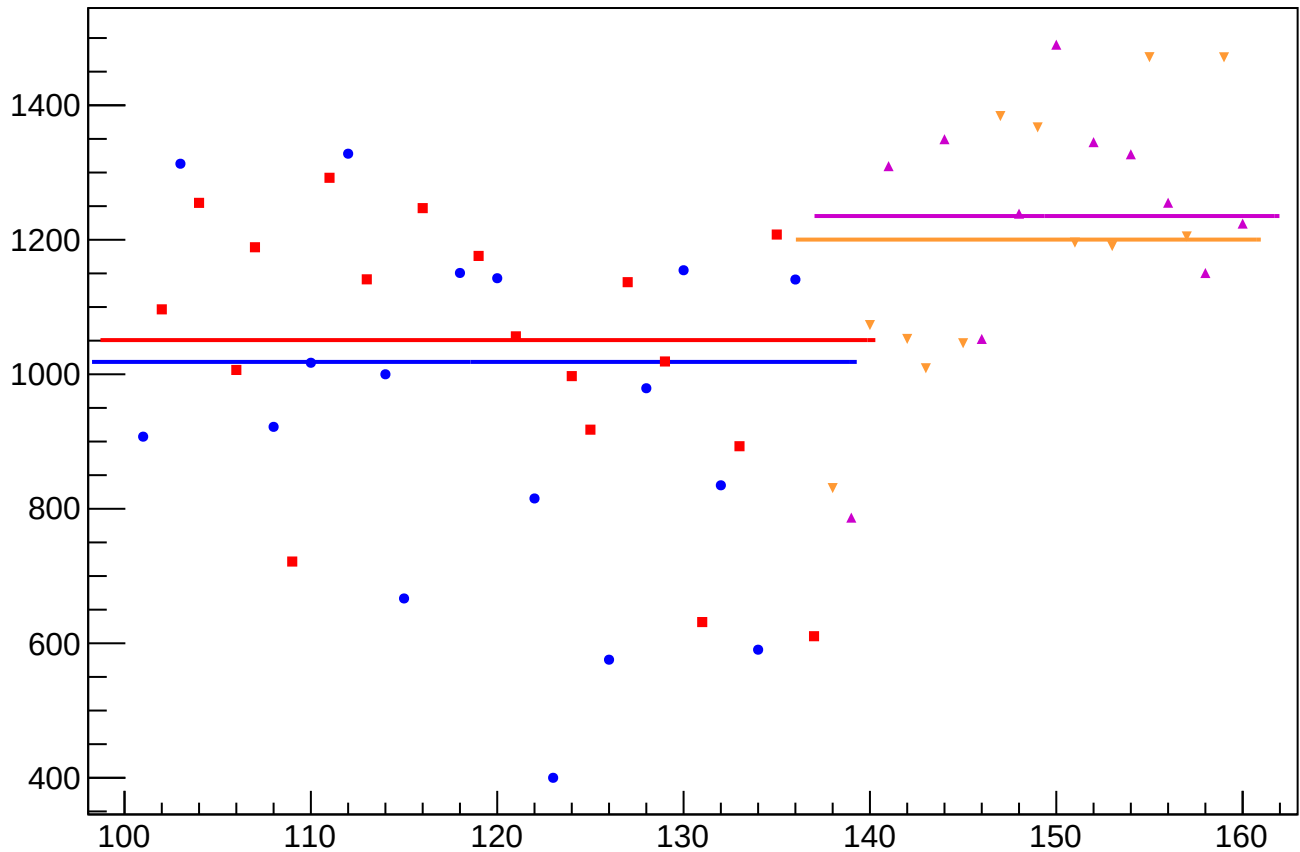
Right In: 1284.940+/-0.000 χ^2/NDF : 683539831030777721568567692799915327488.0/16

Left Out: 1340.000+/-0.000 χ^2/NDF : 116326245376352875631706190484755972096.0/11

Right Out: 1243.357+/-0.000 χ^2/NDF : 625737092307119238017872949095807582208.0/17

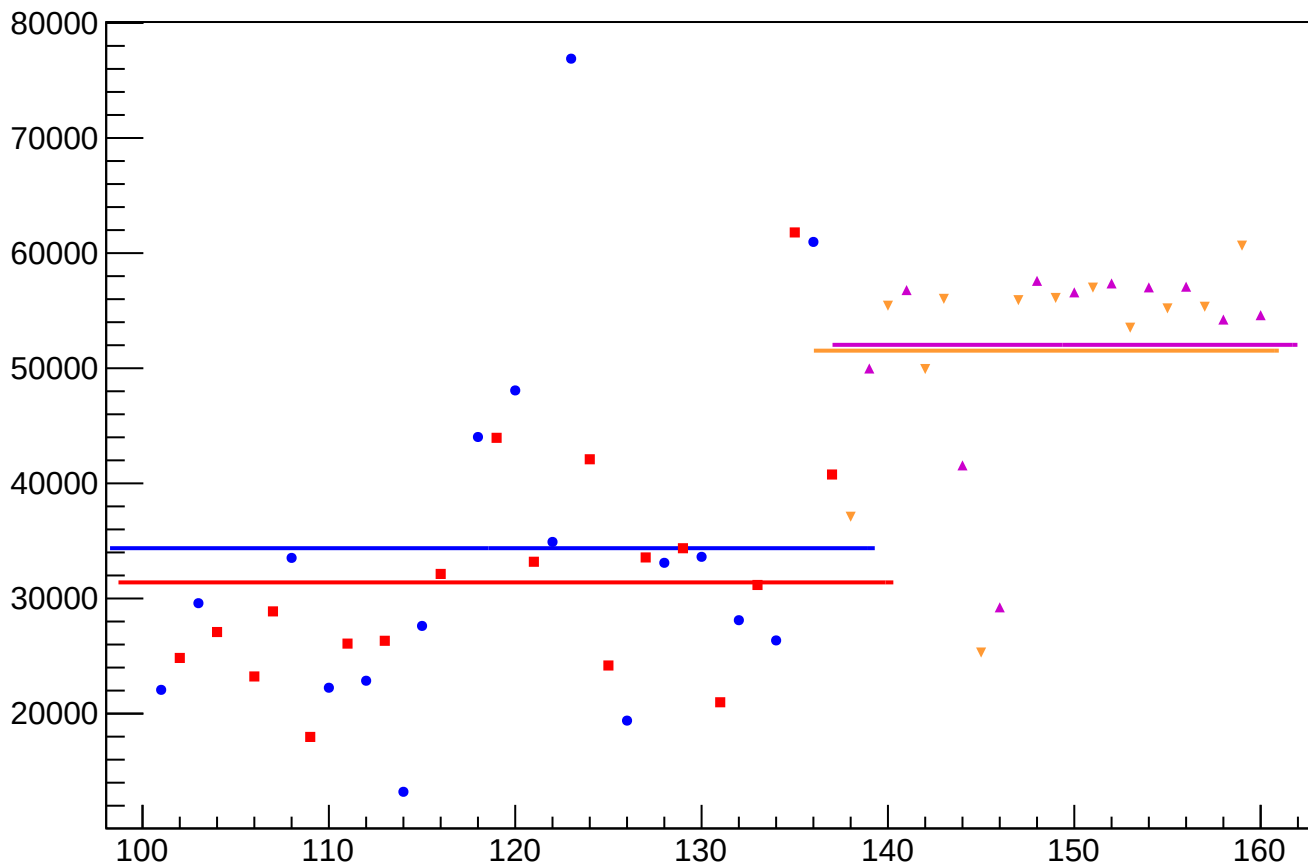
Left In: 1340.697+/-0.000 χ^2/NDF : 113497084889581869864754089979493220352.0/10

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam3_coil1_mean vs Slug



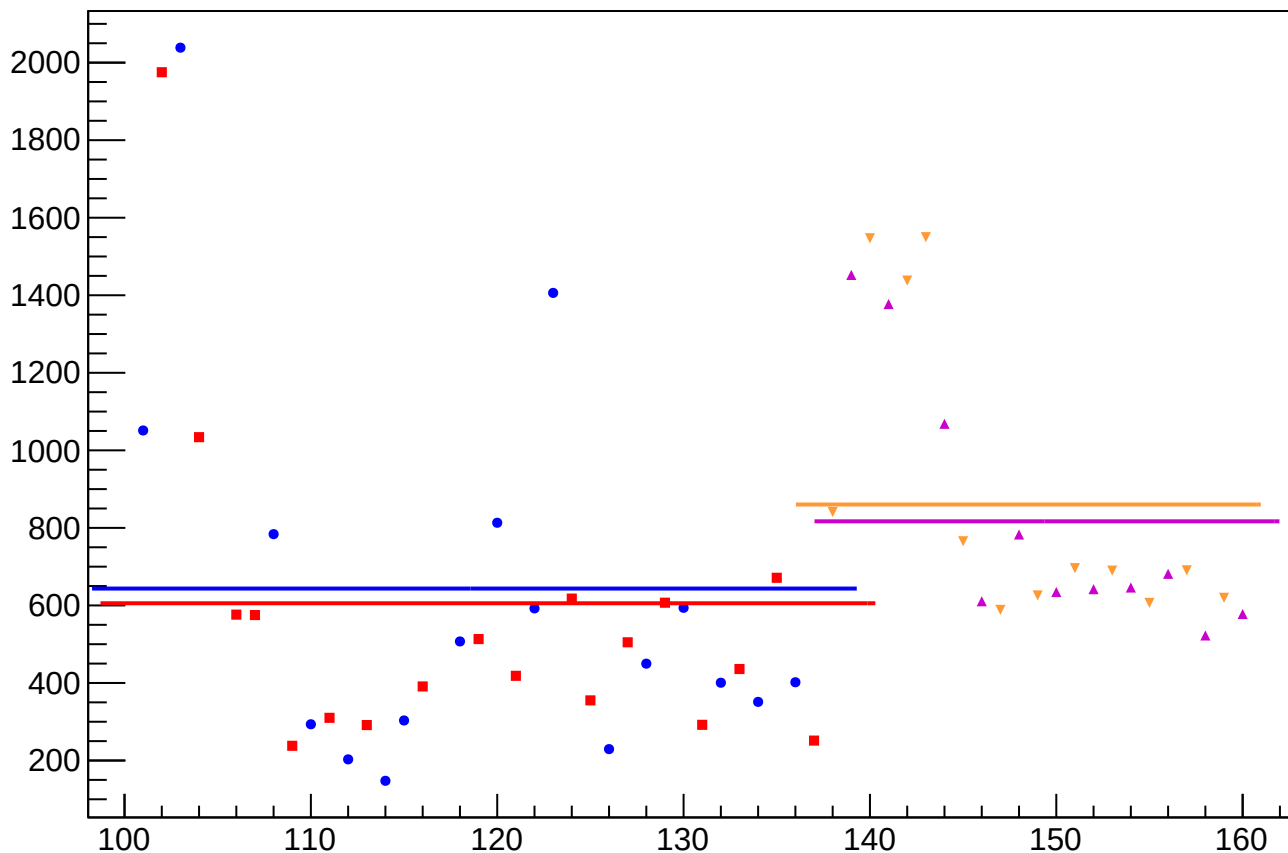
Right In: 34369.403+/-0.000	χ^2/NDF : 121175034584498762854553117020903178240000.0/16
Left Out: 51528.453+/-0.000	χ^2/NDF : 87309132481343179098596905129114857373696.0/11
Right Out: 31397.869+/-0.000	χ^2/NDF : 79791187049723357576303825736183029170176.0/17
Left In: 52033.522+/-0.000	χ^2/NDF : 67338083803269731476711249699025786503168.0/10

+ sign 44099.644+/-0.000 χ^2/NDF : 3243555748112

All: 43583.046+/-0.000 χ^2/NDF : 6447008327

- sign 43080.553+/-0.000 χ^2/NDF : 3195013417479

dit_sam3_coil1_err_mean vs Slug



Right In: 643.513+/-0.000 χ^2/NDF : 166606755510131009794947888972916850688.0/16

Left Out: 860.333+/-0.000 χ^2/NDF : 113447619211020210726400023771184365568.0/11

Right Out: 605.599+/-0.000 χ^2/NDF : 146641318103644748879900892058773094400.0/17

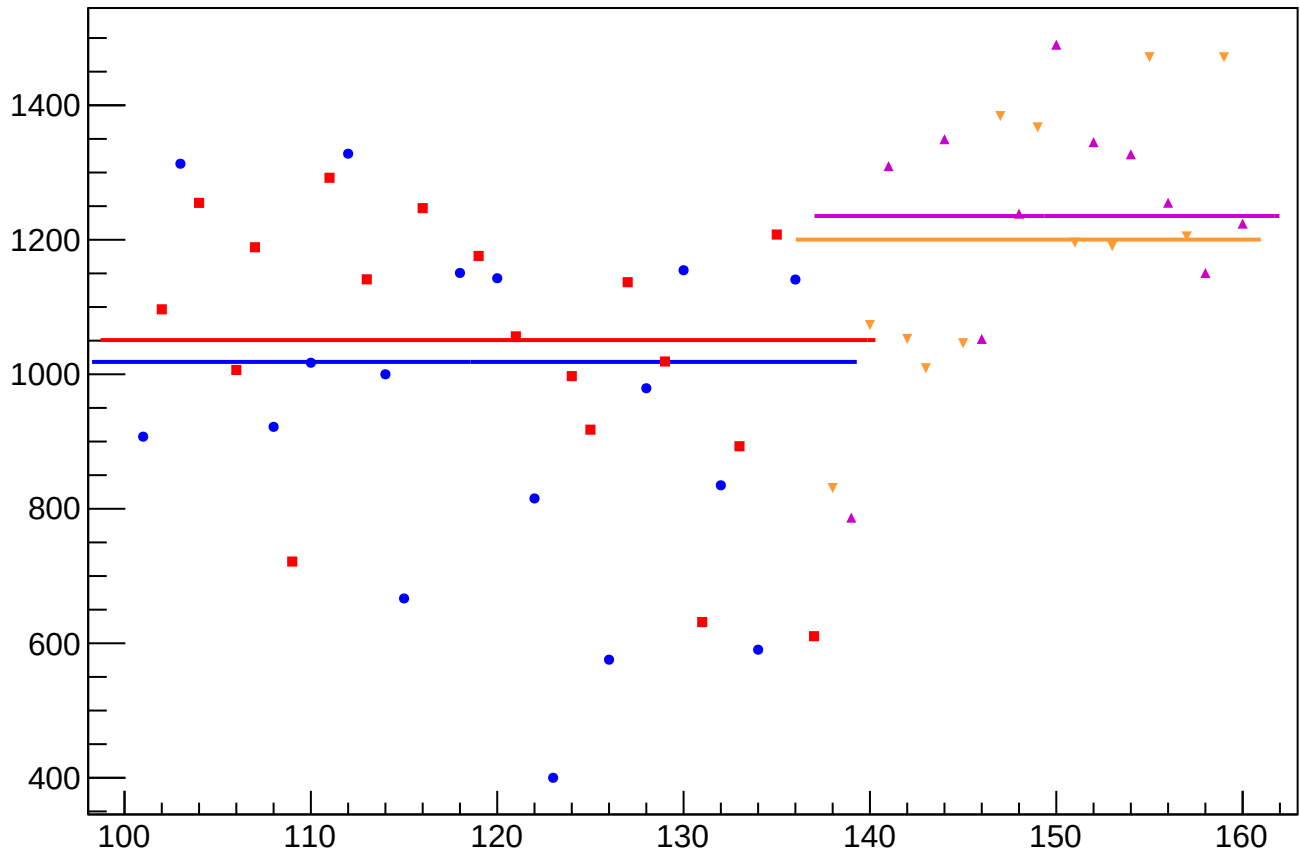
Left In: 816.958+/-0.000 χ^2/NDF : 90193686816714640570749106655187697664.0/10

+ sign 766.464+/-0.000 χ^2/NDF : 298555143220356

All: 745.576+/-0.000 χ^2/NDF : 554852876673

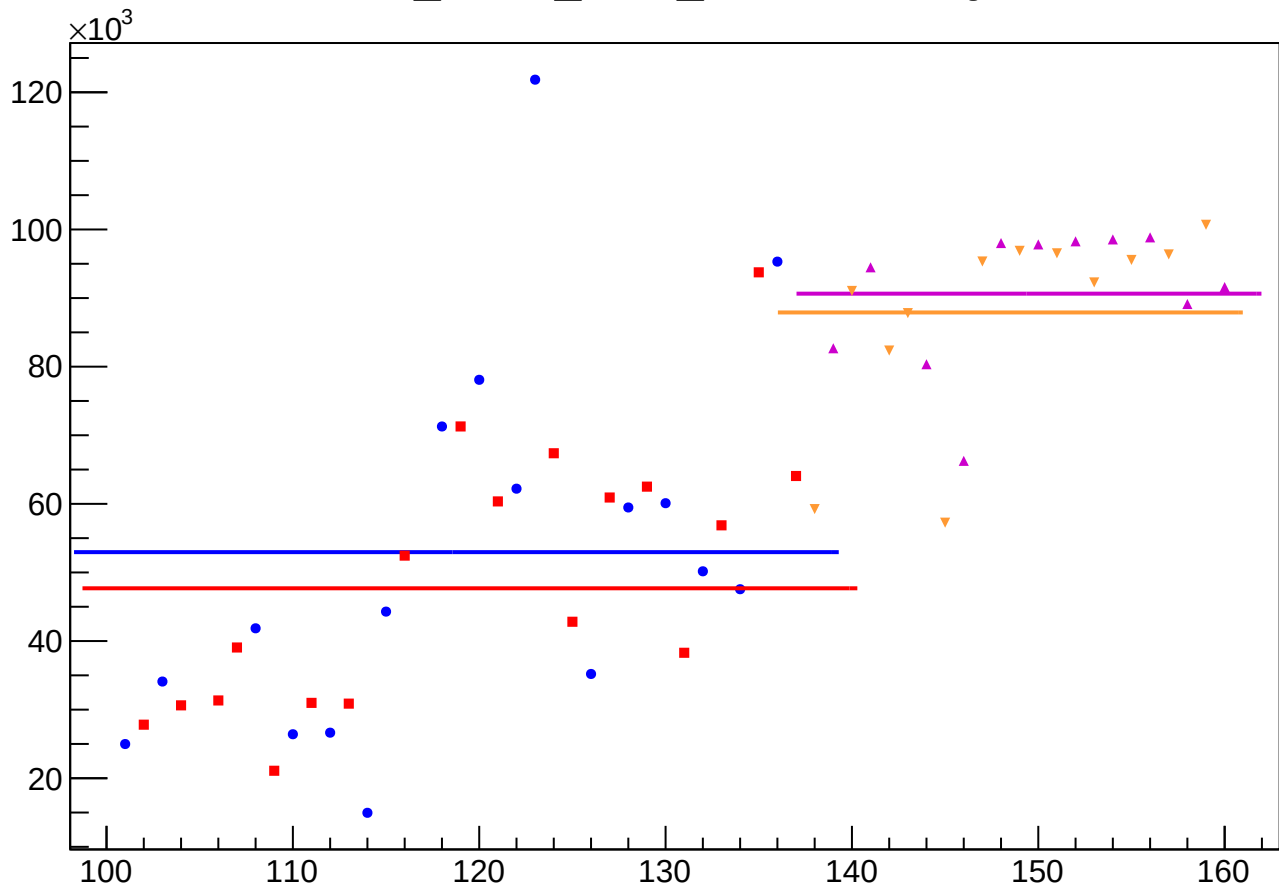
- sign 725.258+/-0.000 χ^2/NDF : 254918032324737

dit_sam3_coil1_Ndata_mean vs Slug



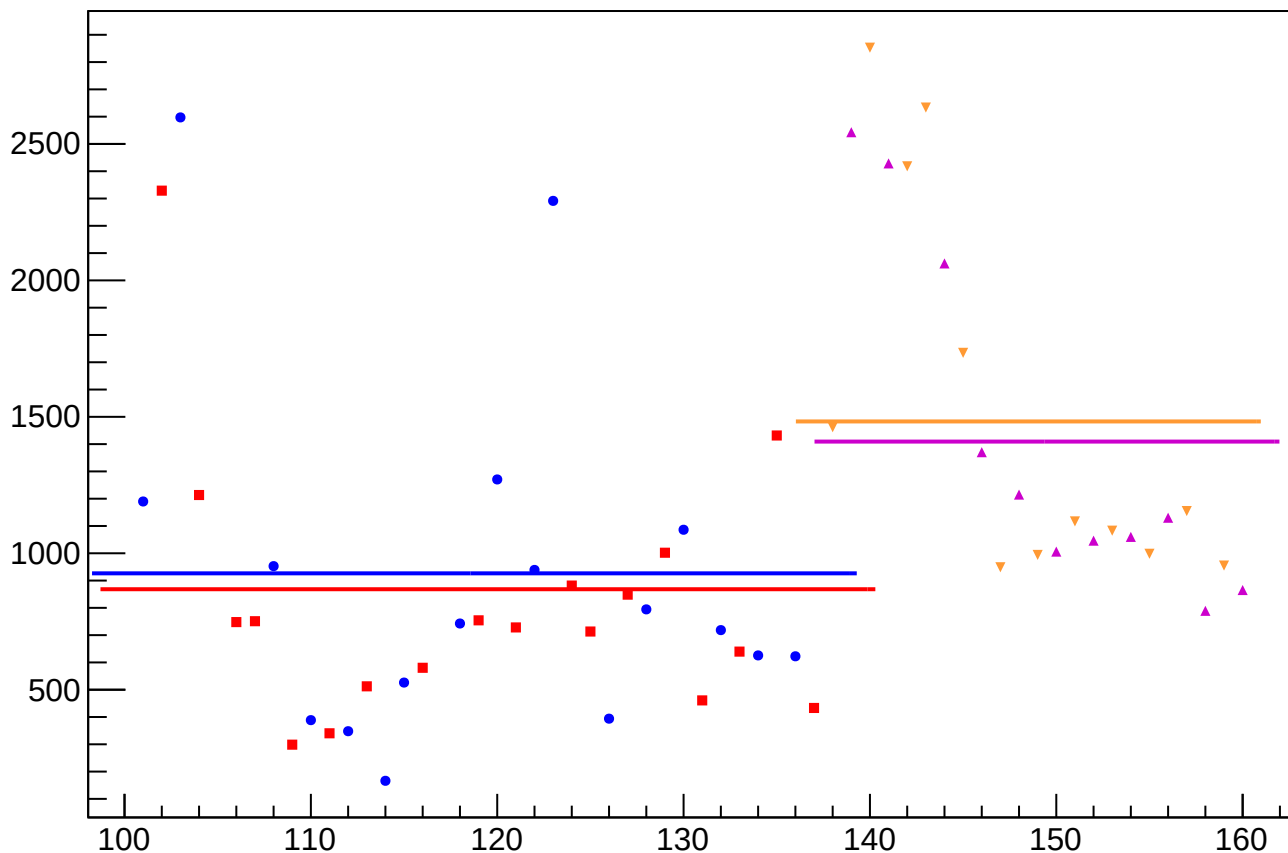
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam4_coil1_mean vs Slug



Right In: 52960.923+/-0.000 χ^2/NDF : 388091282862865702902242590456549457526784.0/16
 Left Out: 87902.834+/-0.000 χ^2/NDF : 181078064018170990794226695799487636439040.0/11
 Right Out: 47689.948+/-0.000 χ^2/NDF : 282811495062805394257124892434373518819328.0/17
 Left In: 90642.606+/-0.000 χ^2/NDF : 90652199115187667262863496655433124282368.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 926.486+/-0.000 χ^2/NDF : 243573676873909042150690872266806263808.0/16

Left Out: 1483.109+/-0.000 χ^2/NDF : 403083502170691493450426839772184969216.0/11

Right Out: 868.248+/-0.000 χ^2/NDF : 197961184826469333991871261895452262400.0/17

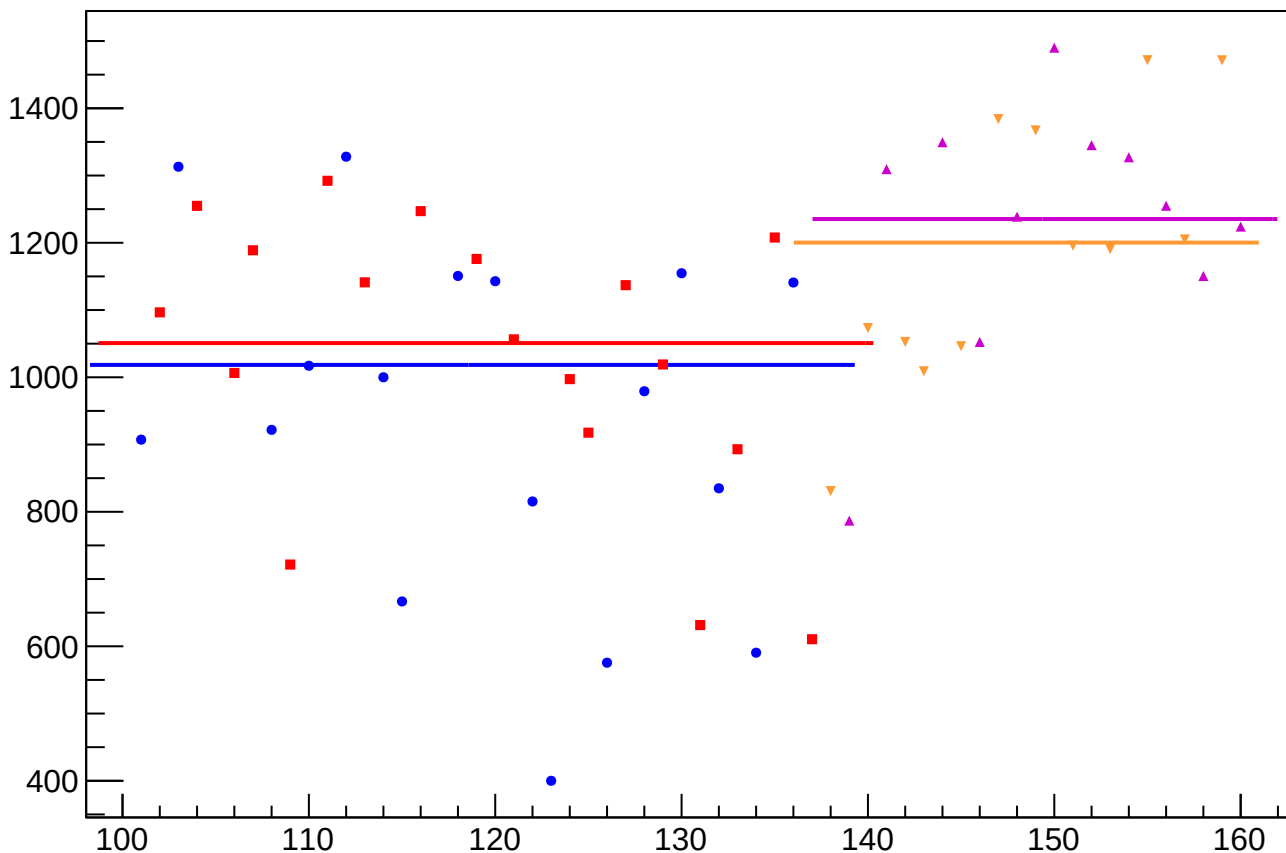
Left In: 1409.297+/-0.000 χ^2/NDF : 332711527563971352496330414058593320960.0/10

+ sign 1242.126+/-0.000 χ^2/NDF : 76858756839410

All: 1207.874+/-0.000 χ^2/NDF : 14214661603

- sign 1174.558+/-0.000 χ^2/NDF : 64916879286963

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

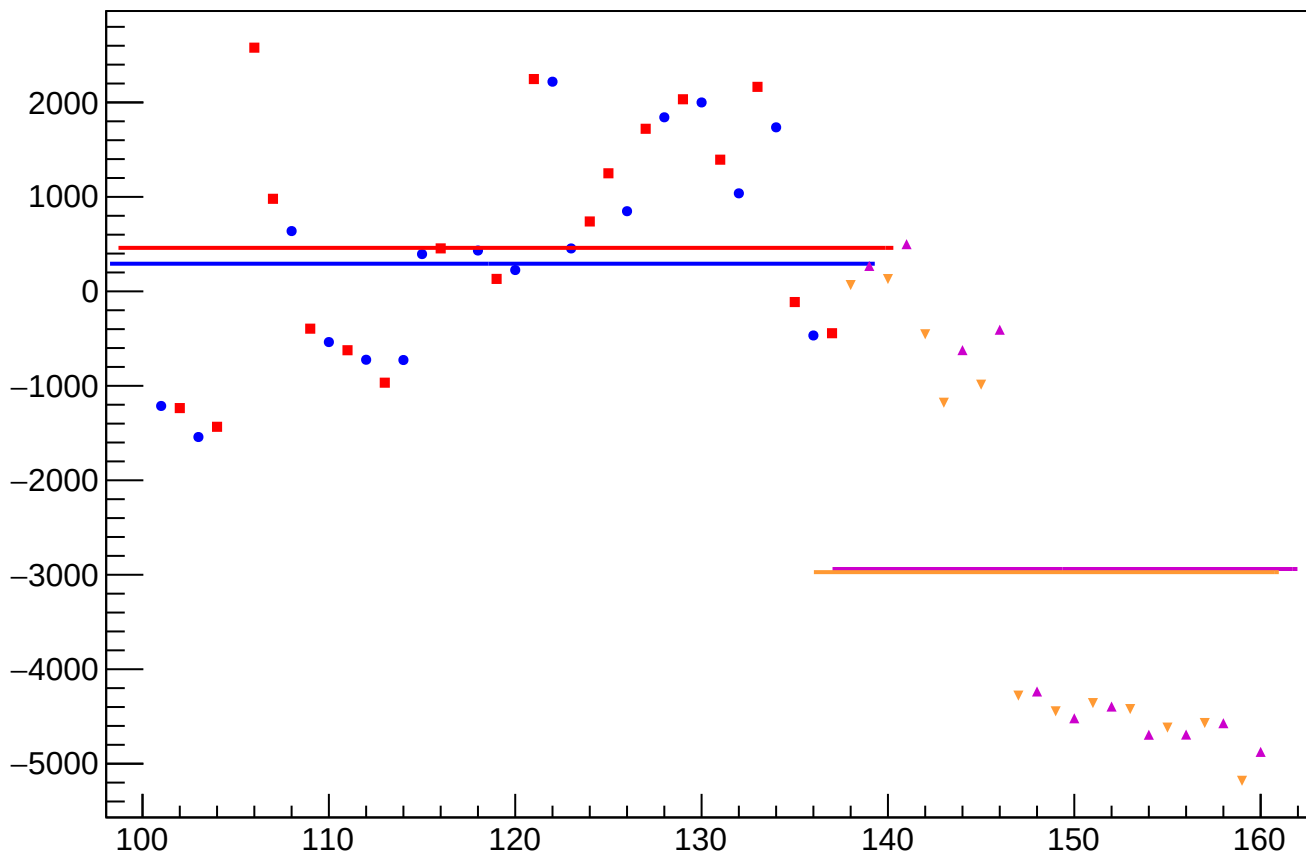
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam5_coil1_mean vs Slug



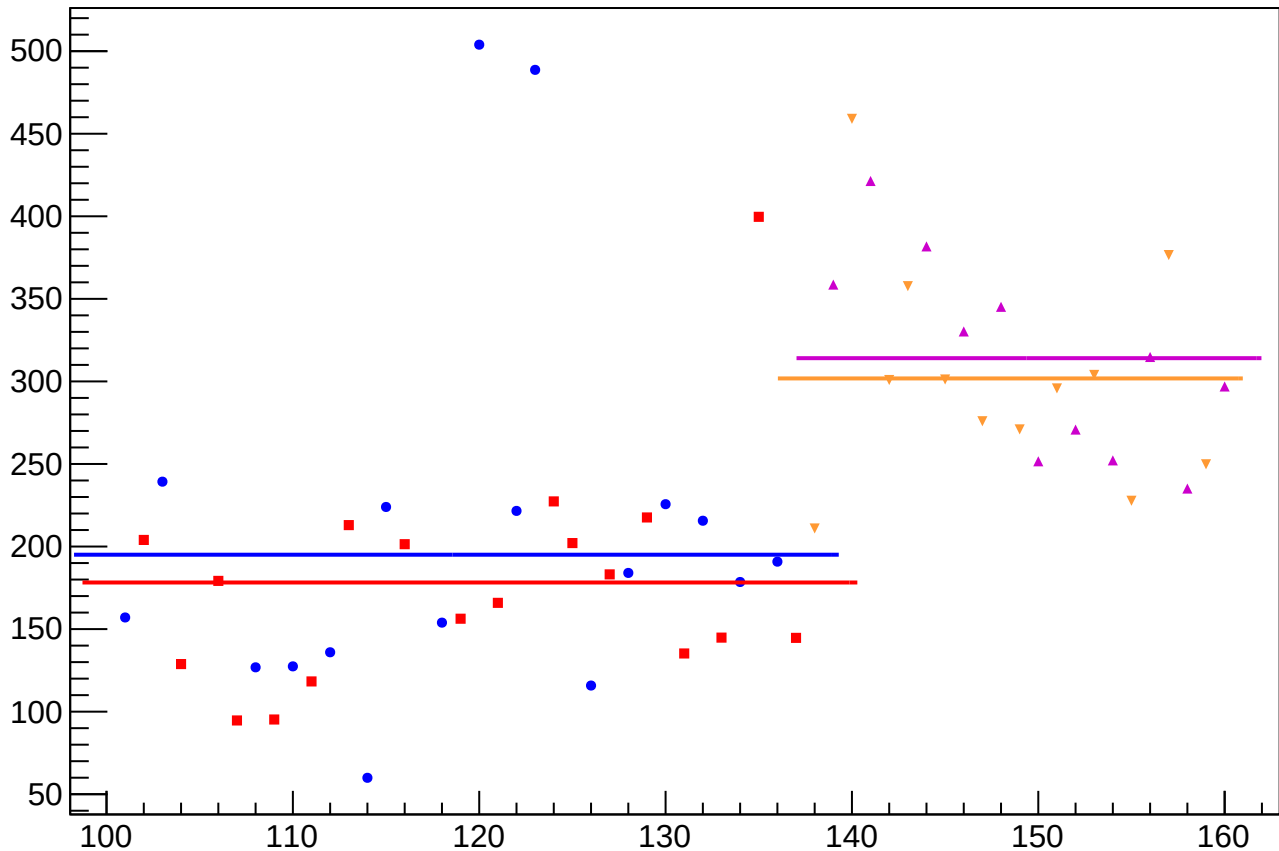
Right In: 292.624+/-0.000 χ^2/NDF : 992224758361668568621384832231814463488.0/16

Left Out: -2972.256+/-0.000 χ^2/NDF : 3761676179645694438437077561605877661696.0/11

Right Out: 460.444+/-0.000 χ^2/NDF : 1195390620297922800798852366593102446592.0/17

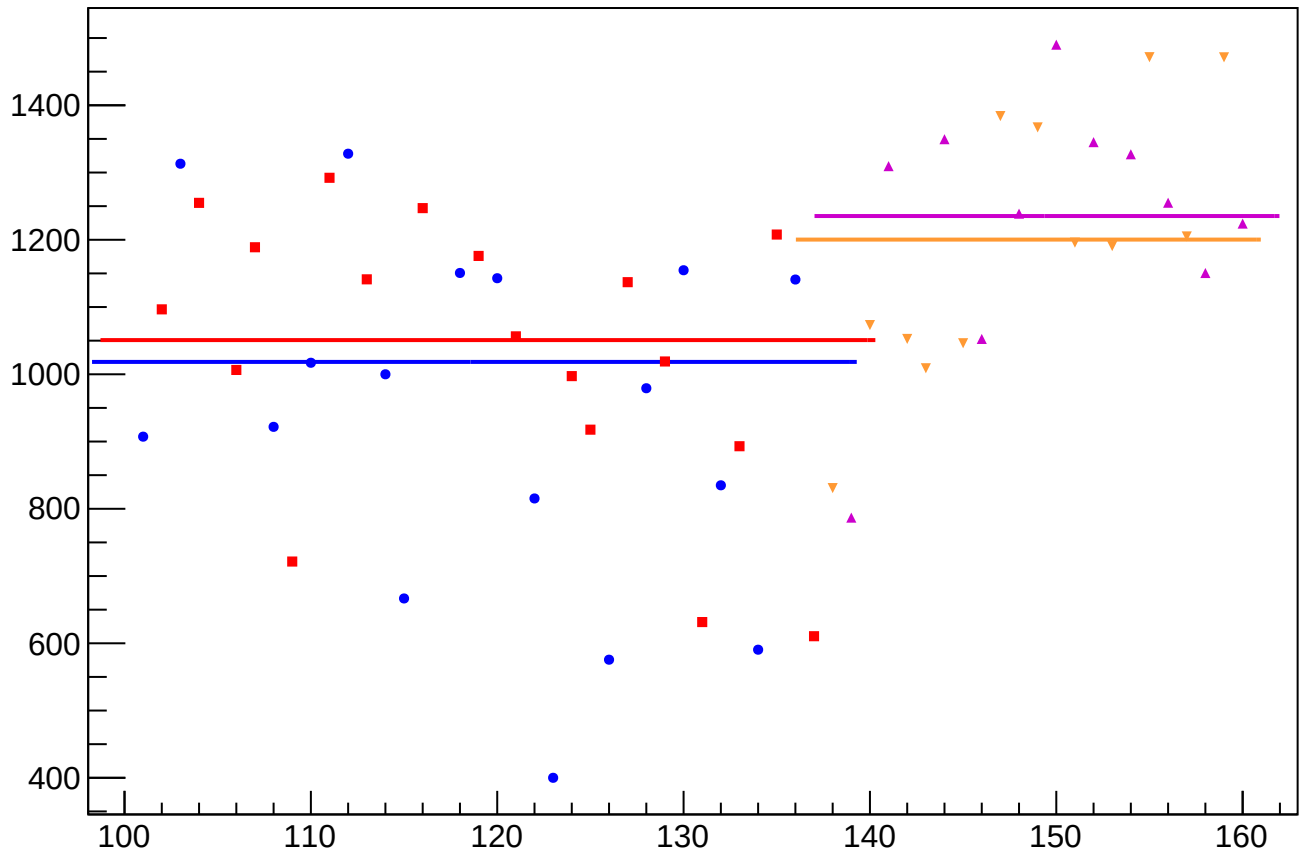
Left In: -2938.958+/-0.000 χ^2/NDF : 4448330371719931217957339295057738465280.0/10

dit_sam5_coil1_err_mean vs Slug



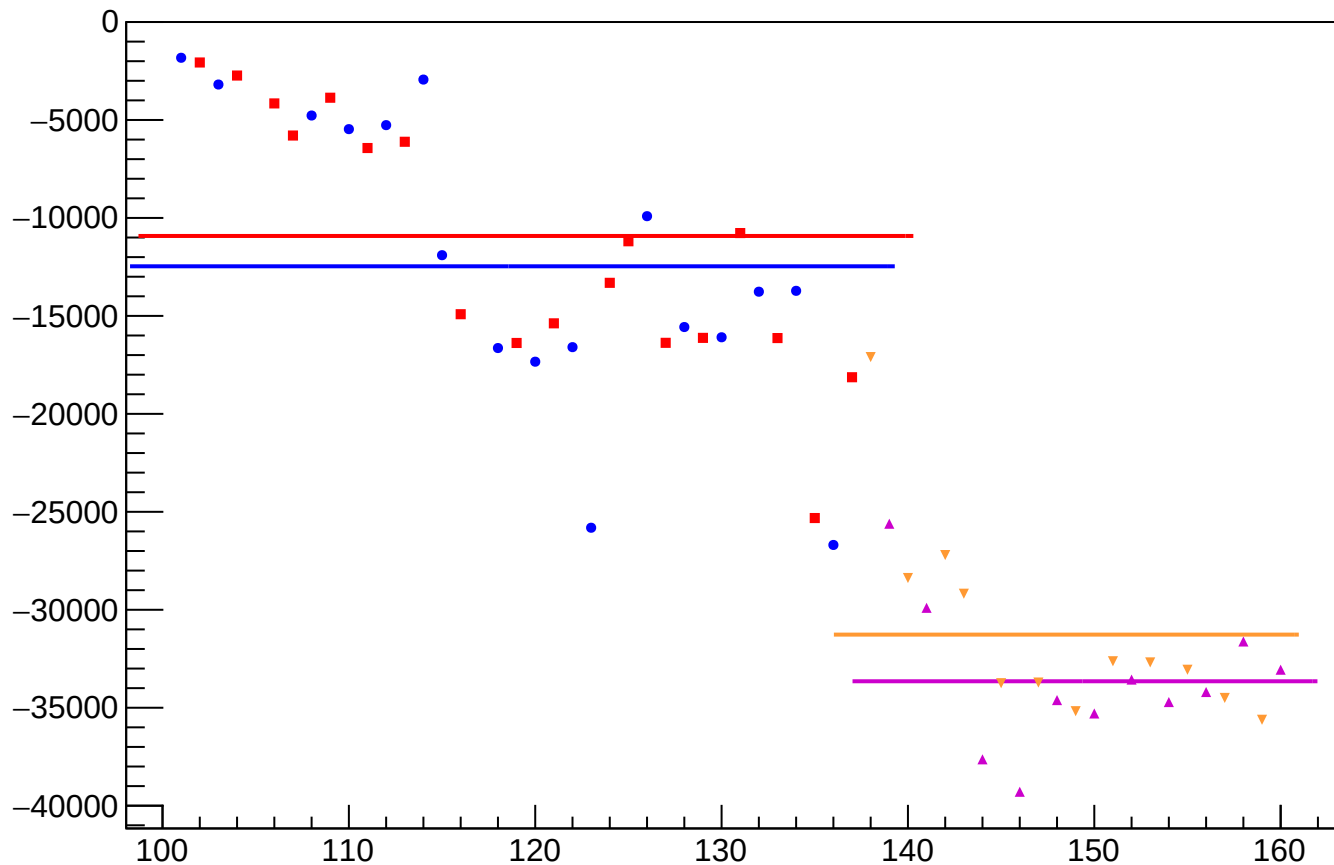
Right In: 195.049+/-0.000	χ^2/NDF : 5080024494184824251769530857650388992.0/16	+ sign 255.586+/-0.000	χ^2/NDF : 136491698964325
Left Out: 301.805+/-0.000	χ^2/NDF : 4084053009607102608824389490062655488.0/11	All: 255.357+/-0.000	χ^2/NDF : 27795325486
Right Out: 178.222+/-0.000	χ^2/NDF : 3636798558444840391154572885518974976.0/17	- sign 255.134+/-0.000	χ^2/NDF : 141459895048488
Left In: 314.075+/-0.000	χ^2/NDF : 3038378746515633770905831871124340736.0/10		

dit_sam5_coil1_Ndata_mean vs Slug



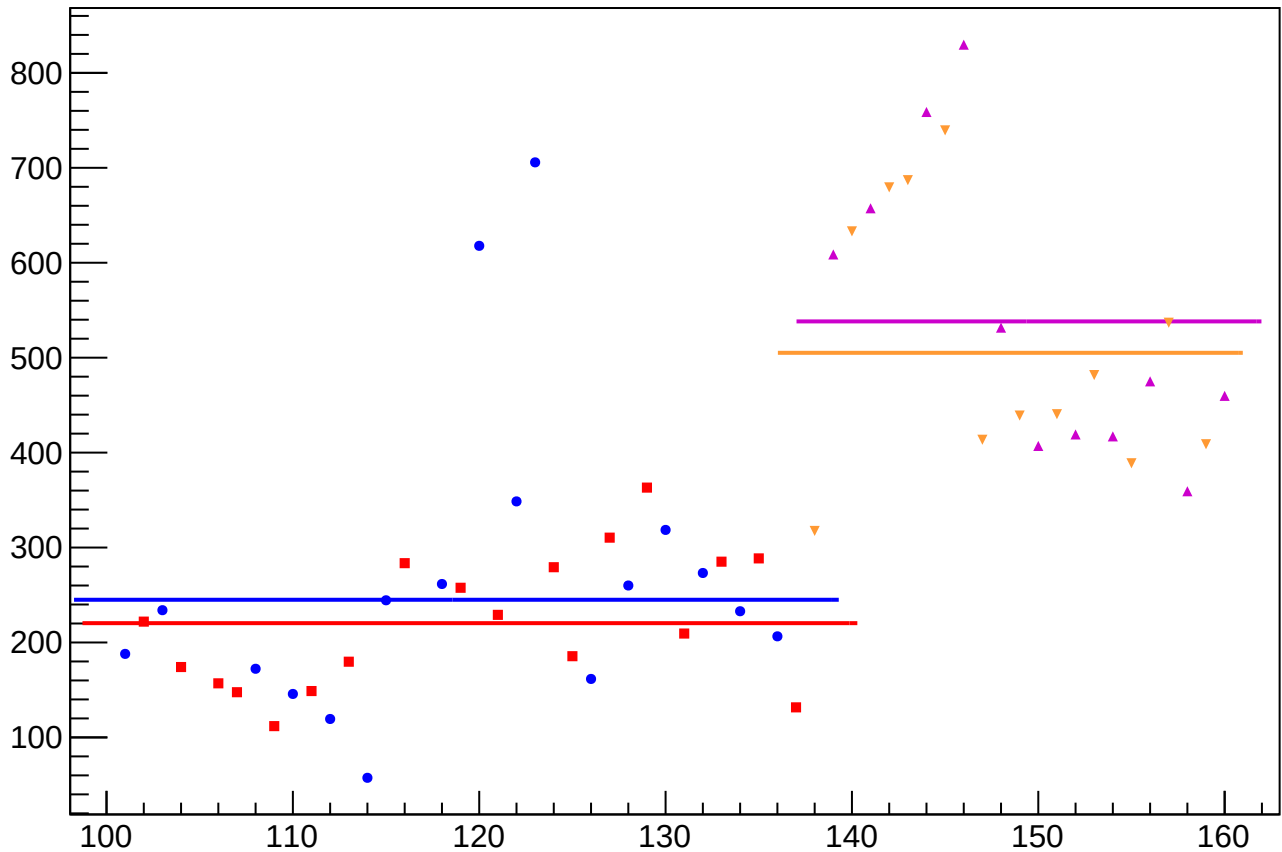
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam6_coil1_mean vs Slug



Right In: -12468.200+/-0.000	χ^2/NDF : 41947810781860597740124287766684235726848.0/16
Left Out: -31267.411+/-0.000	+ sign -23128.514+/-0.000 χ^2/NDF : 203501578140
Right Out: -10920.089+/-0.000	χ^2/NDF : 22472352508992692811157309504314979385344.0/11
Left In: -33648.648+/-0.000	All: -23462.645+/-0.000 χ^2/NDF : 456426709
	- sign -23787.653+/-0.000 χ^2/NDF : 2525720879741

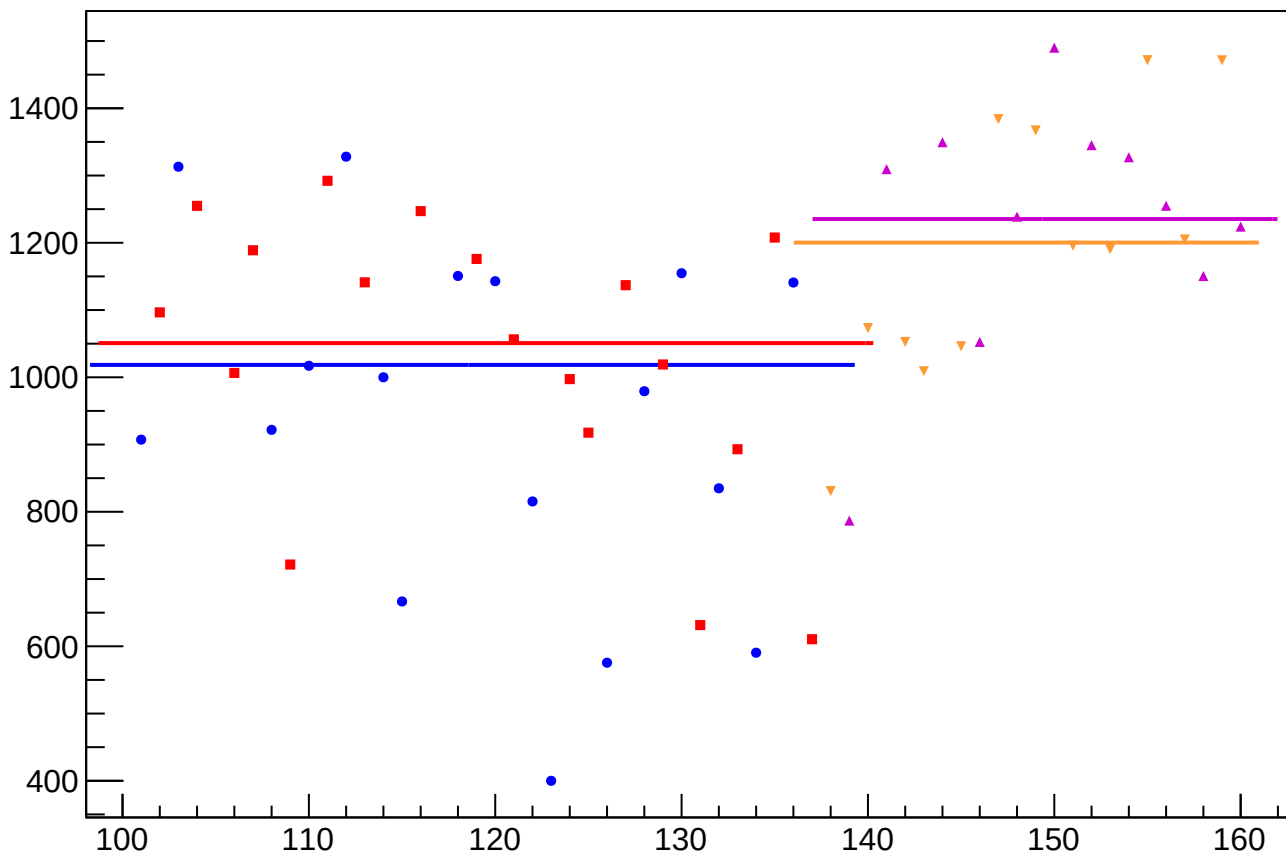
dit_sam6_coil1_err_mean vs Slug



Right In: 244.994+/-0.000	χ^2/NDF : 8873183370170999334634045001787506688.0/16
Left Out: 505.129+/-0.000	χ^2/NDF : 15272519684305825551143996818058117120.0/11
Right Out: 220.353+/-0.000	χ^2/NDF : 3356691284213126680510243475038404608.0/17
Left In: 538.207+/-0.000	χ^2/NDF : 20524569412911645618745037593493110784.0/10

+ sign 392.506+/-0.000 χ^2/NDF : 507765180649784.0/11
 All: 396.459+/-0.000 χ^2/NDF : 115603625590.0/17
 - sign 400.303+/-0.000 χ^2/NDF : 647777116384331.0/17

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

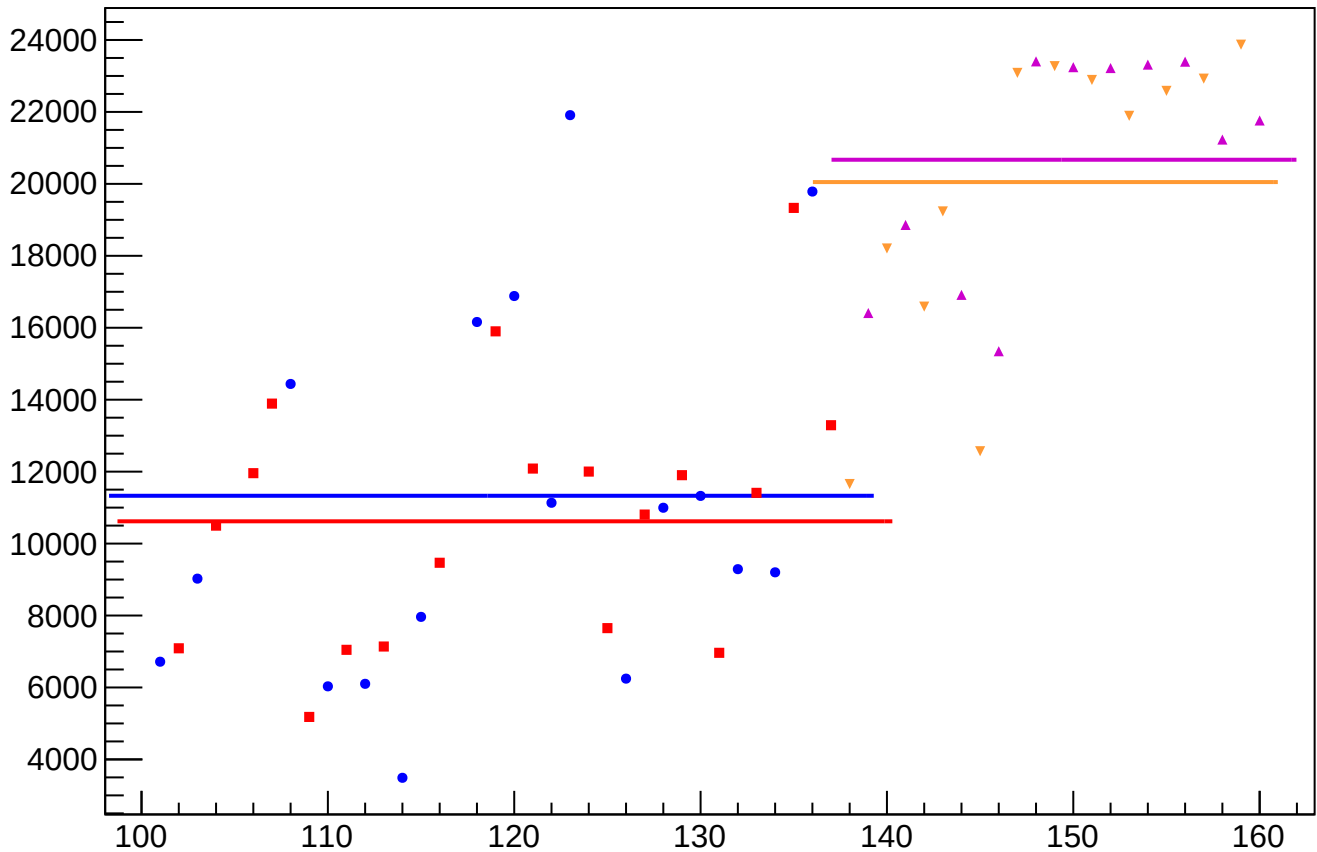
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

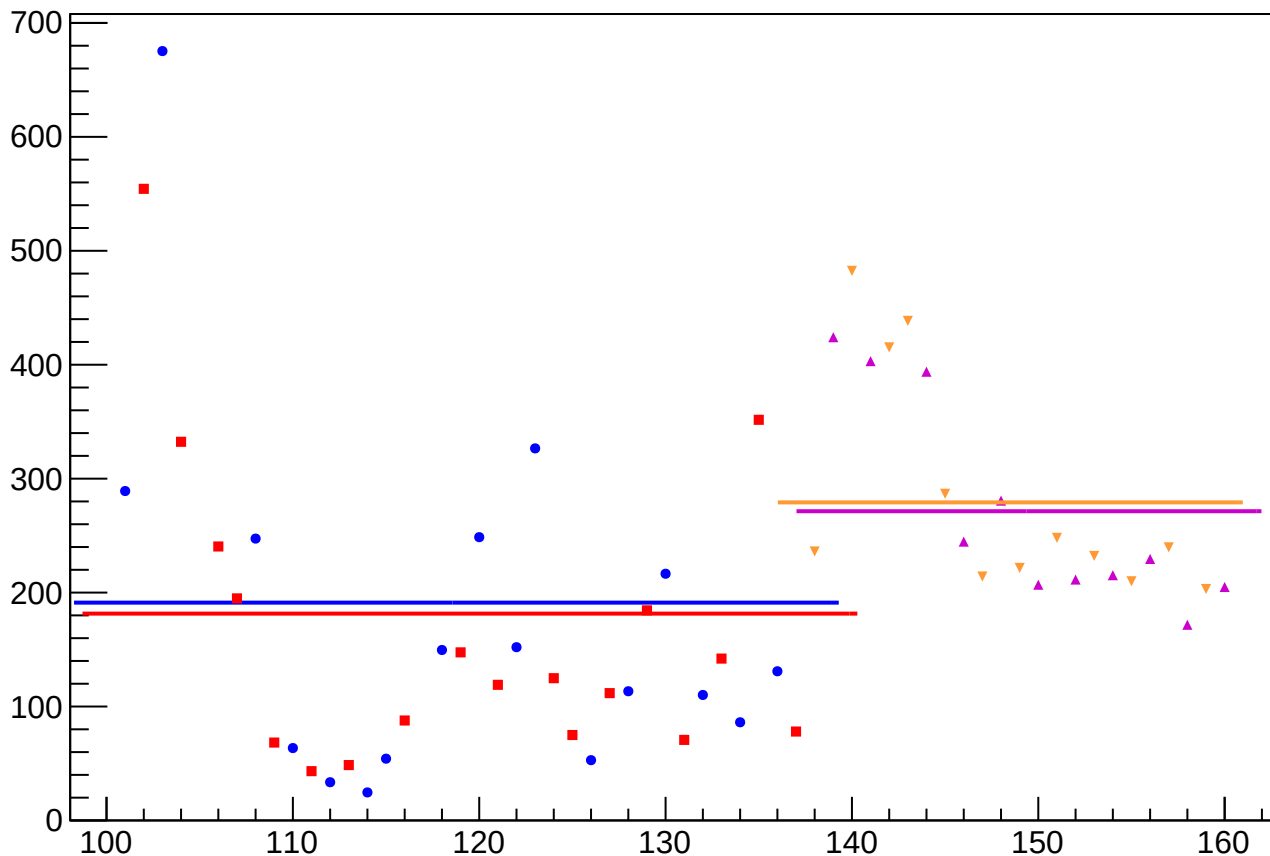
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam7_coil1_mean vs Slug



Right In: 11329.210+/-0.000 χ^2/NDF : 15521857033868622025770129635391850938368.0/16
 Left Out: 20050.081+/-0.000 χ^2/NDF : 15531978446555800166104970917231932211200.0/11
 Right Out: 10619.182+/-0.000 χ^2/NDF : 10071633014201515414626302207213810221056.0/17
 Left In: 20670.726+/-0.000 χ^2/NDF : 8494858406573564863789120894069960081408.0/10

dit_sam7_coil1_err_mean vs Slug



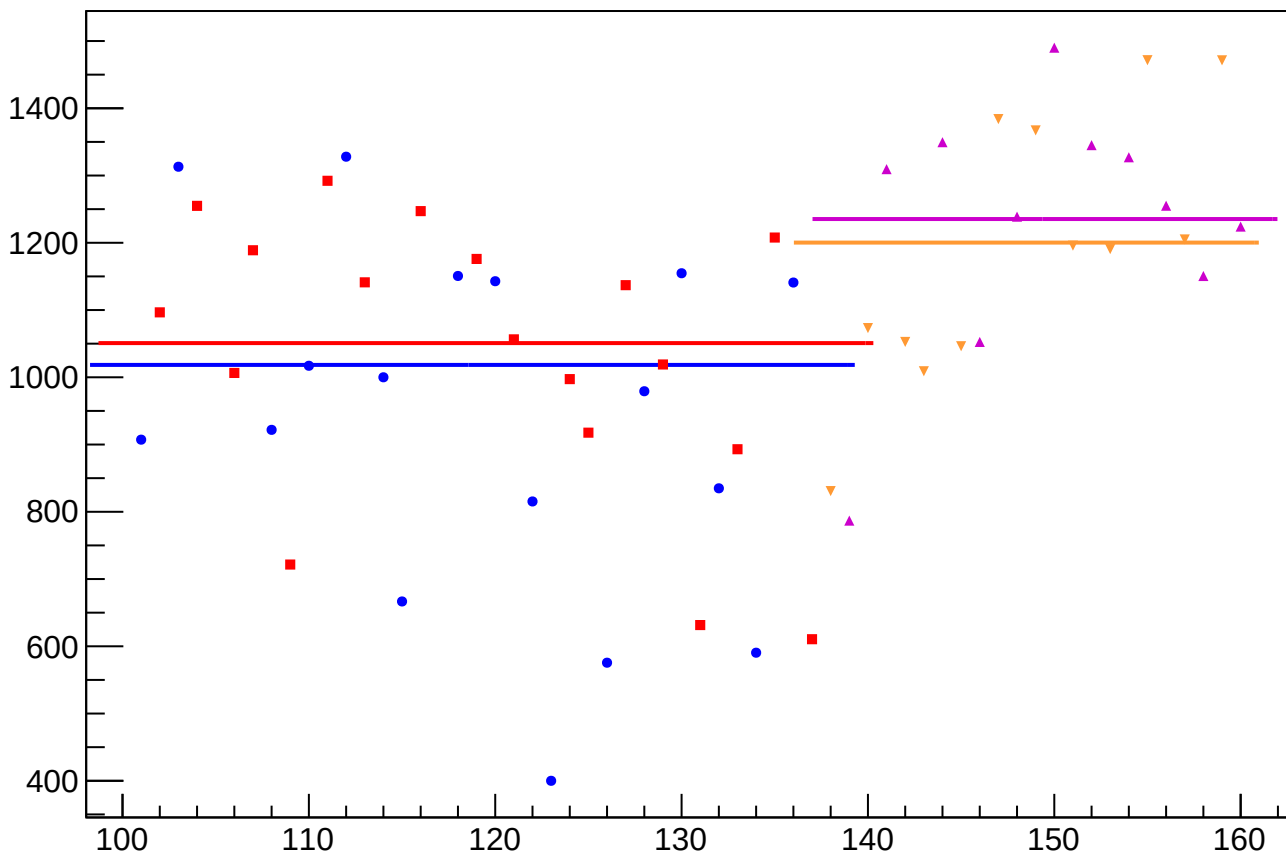
Right In: 191.191+/-0.000 χ^2/NDF : 19183697593820495387775377202474909696.0/16

Left Out: 279.165+/-0.000 χ^2/NDF : 7920210699485411791931517458268028928.0/11

Right Out: 181.551+/-0.000 χ^2/NDF : 14852803264995019247576775913608577024.0/17

Left In: 271.426+/-0.000 χ^2/NDF : 7049081855860572674907173749109293056.0/10

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

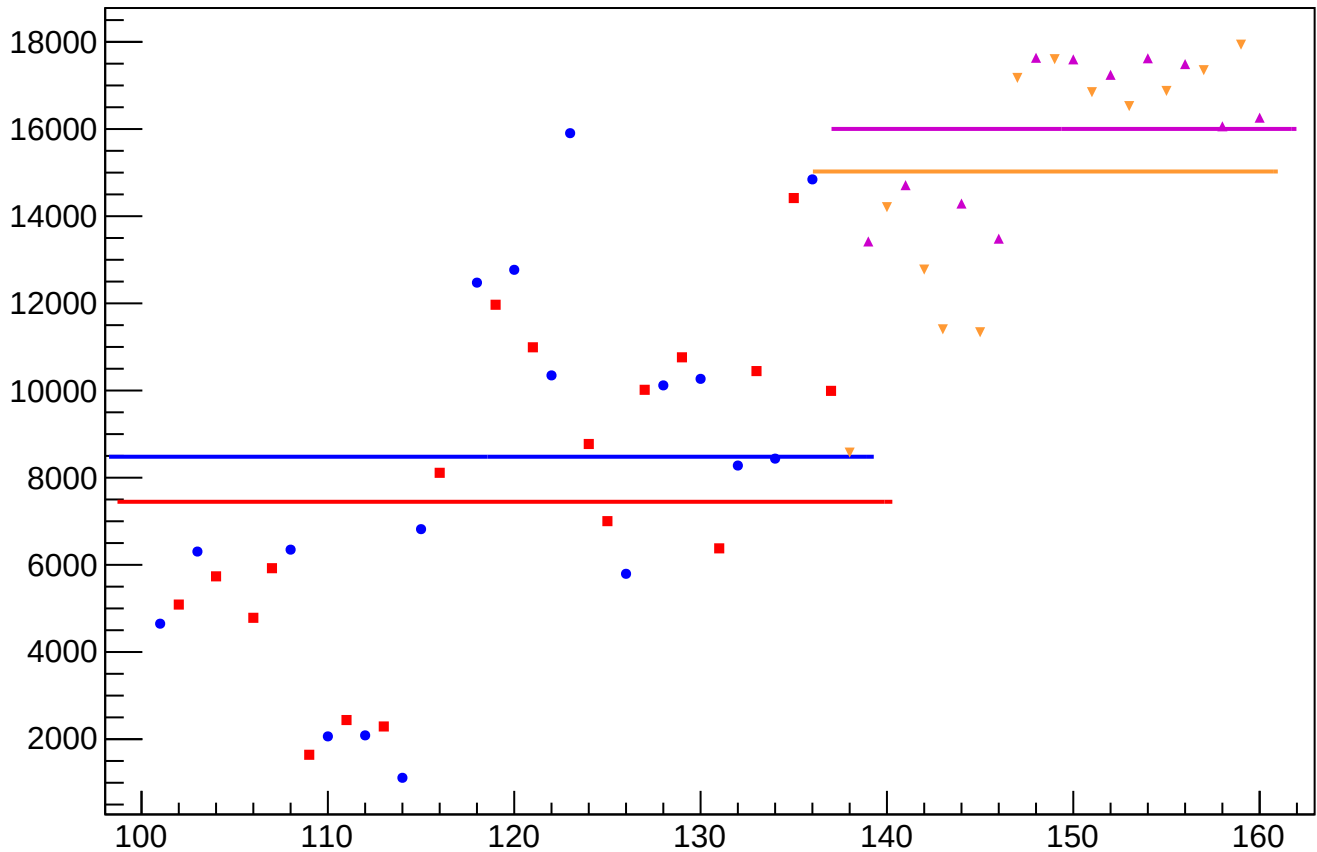
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

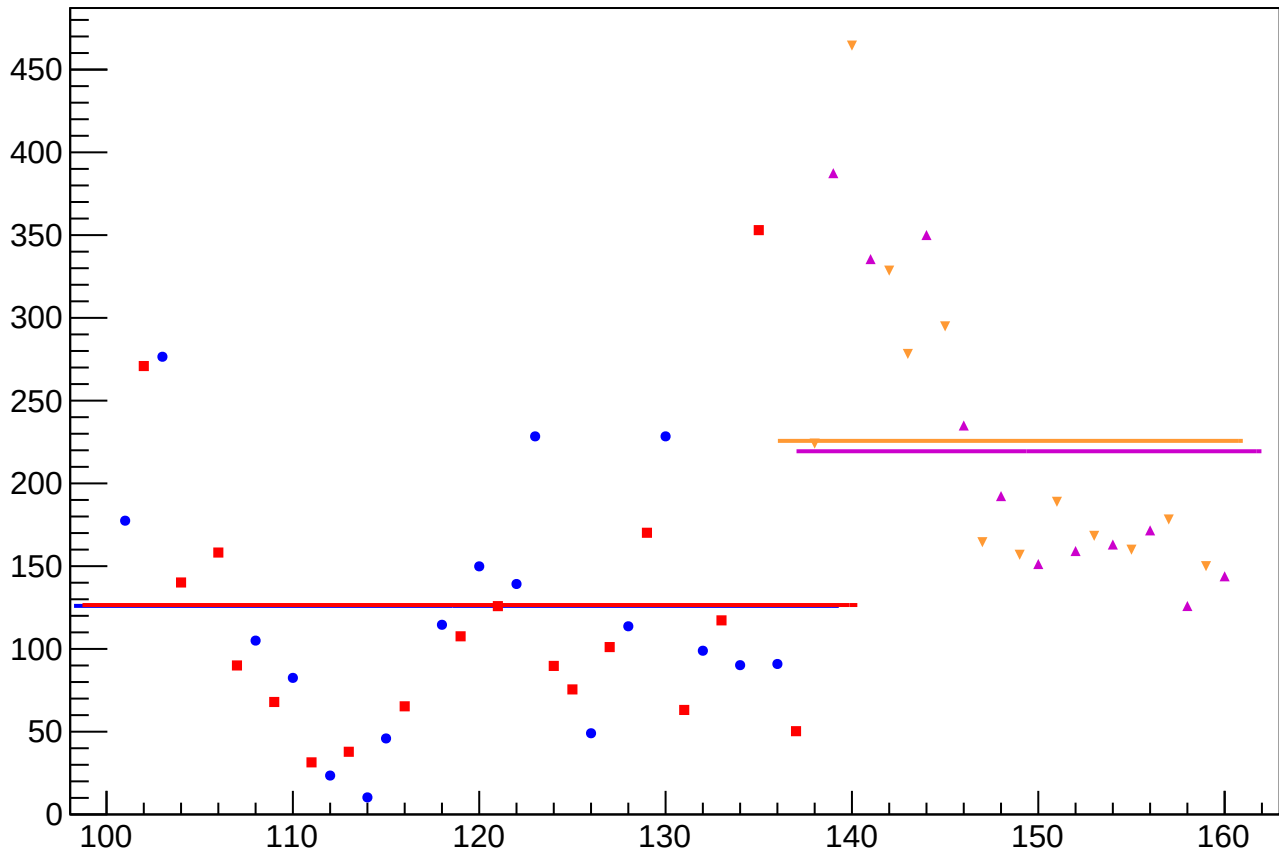
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam8_coil1_mean vs Slug



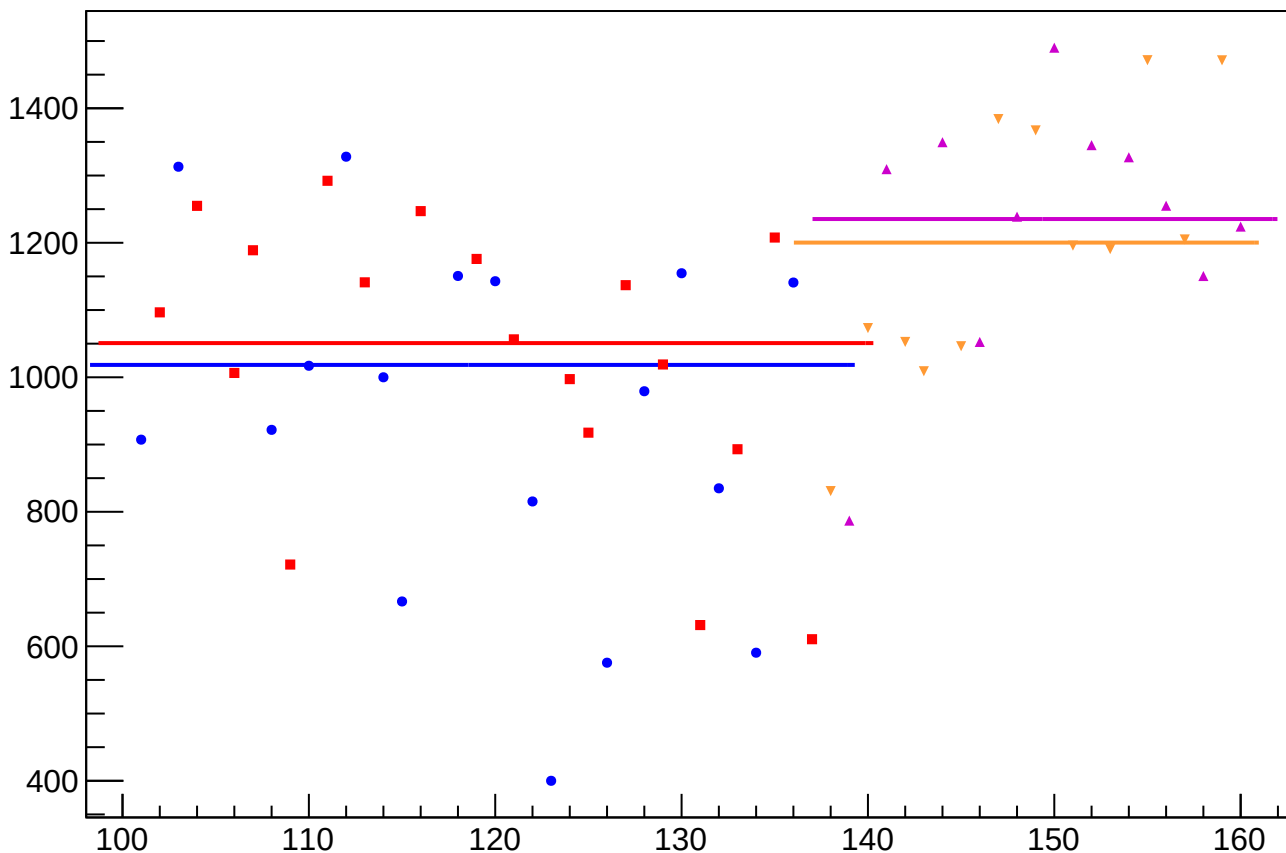
Right In: 8480.889 $\pm$ 0.000 χ^2 /NDF: 11499484754166446401410720405854359650304.0/16
 Left Out: 15025.757 $\pm$ 0.000 χ^2 /NDF: 8187740092033082050104349904869741559808.0/11
 Right Out: 7447.217 $\pm$ 0.000 χ^2 /NDF: 10045808642952263494281474112188504342528.0/17
 Left In: 16002.617 $\pm$ 0.000 χ^2 /NDF: 2475406713829870725608341548092805349376.0/10

dit_sam8_coil1_err_mean vs Slug



Right In: 126.005+/-0.000	χ^2/NDF : 3386025781144831306970150054630785024.0/16	+ sign 182.534+/-0.000	χ^2/NDF : 150627266969515
Left Out: 225.692+/-0.000	χ^2/NDF : 7765824995412425286122153901765427200.0/11	All: 180.799+/-0.000	χ^2/NDF : 312747858123
Right Out: 126.521+/-0.000	χ^2/NDF : 5291778643595712336156745298356469760.0/17	- sign 179.112+/-0.000	χ^2/NDF : 162025464952104
Left In: 219.416+/-0.000	χ^2/NDF : 7417643300202175953458768997657870336.0/10		

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

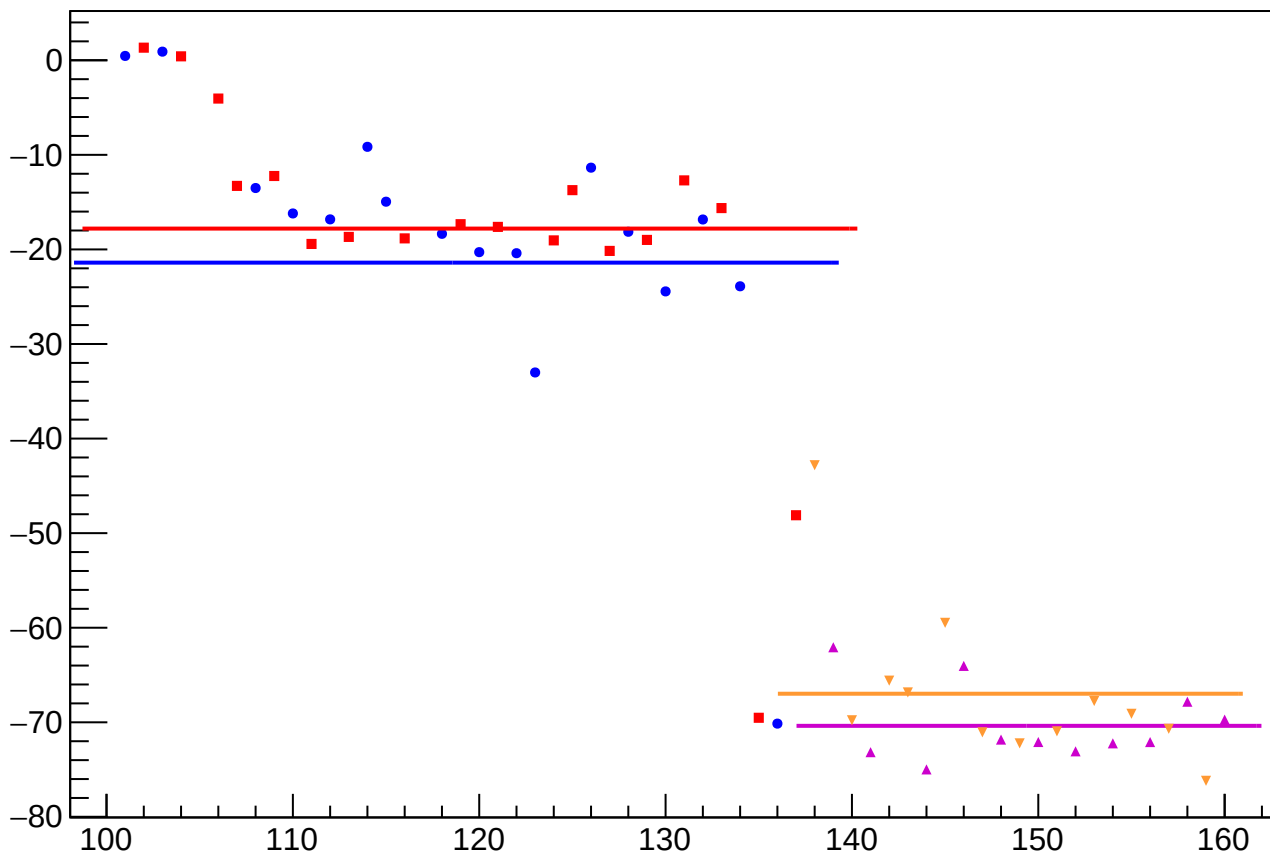
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

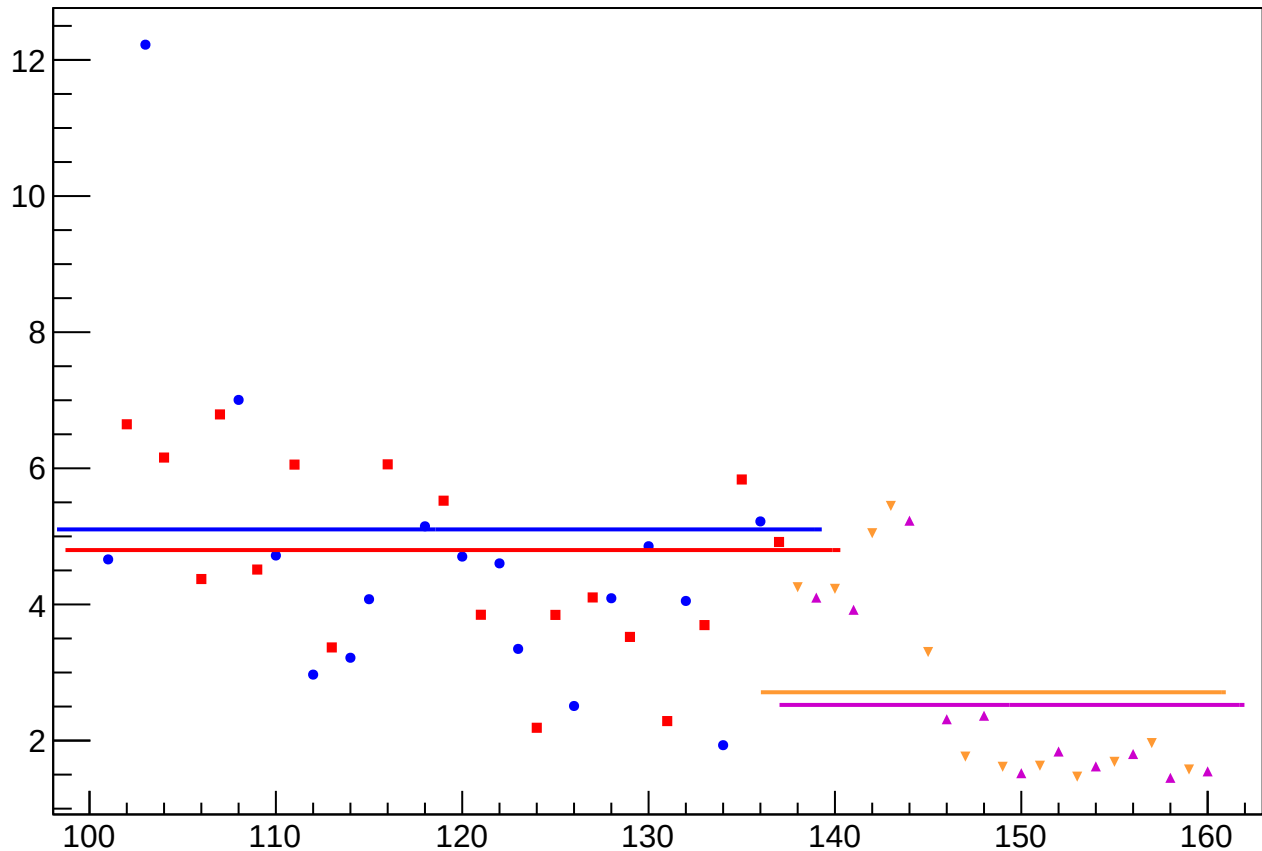
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_4aX_coil3_mean vs Slug



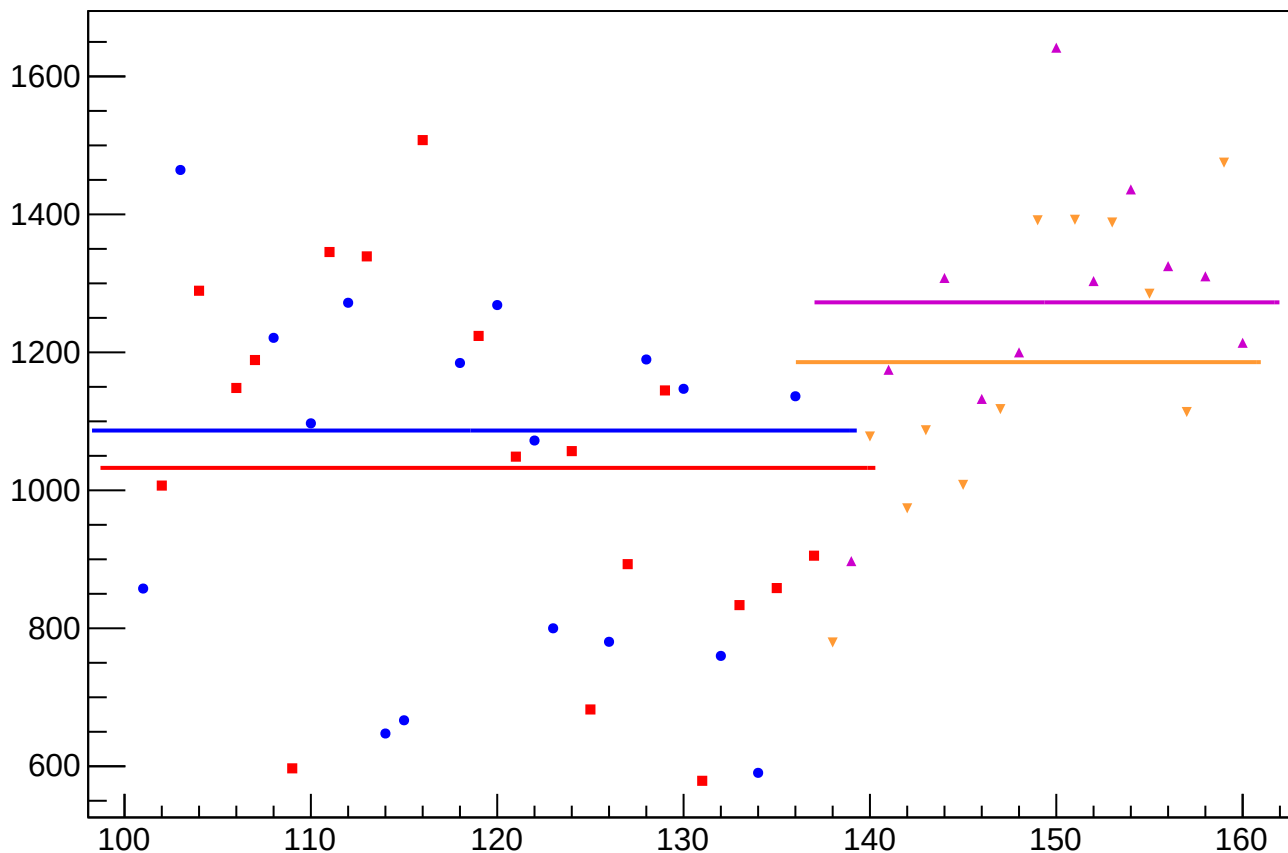
Right In: -21.398 $\pm$ 0.000 χ^2 /NDF: 280536163120367747156314867523125248.0/16
 Left Out: -66.978 $\pm$ 0.000 χ^2 /NDF: 63685898995814955491327915677712384.0/11
 Right Out: -17.797 $\pm$ 0.000 χ^2 /NDF: 194445073804421906744756784211165184.0/17
 Left In: -70.373 $\pm$ 0.000 χ^2 /NDF: 13651024036120663482420235694243840.0/10

dit_4aX_coil3_err_mean vs Slug



Right In: 5.103+/-0.000	χ^2/NDF : 4048406978190508053530993177395200.0/16	+ sign 3.746+/-0.000	χ^2/NDF : 80756286337442748
Left Out: 2.710+/-0.000	χ^2/NDF : 1774159043511346014201510128254976.0/11	All: 3.627+/-0.000	χ^2/NDF : 12931206817483
Right Out: 4.799+/-0.000	χ^2/NDF : 1271869445641912698697536291995648.0/17	- sign 3.511+/-0.000	χ^2/NDF : 48108129807529368
Left In: 2.524+/-0.000	χ^2/NDF : 1443854563513341294387646202642432.0/10		

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

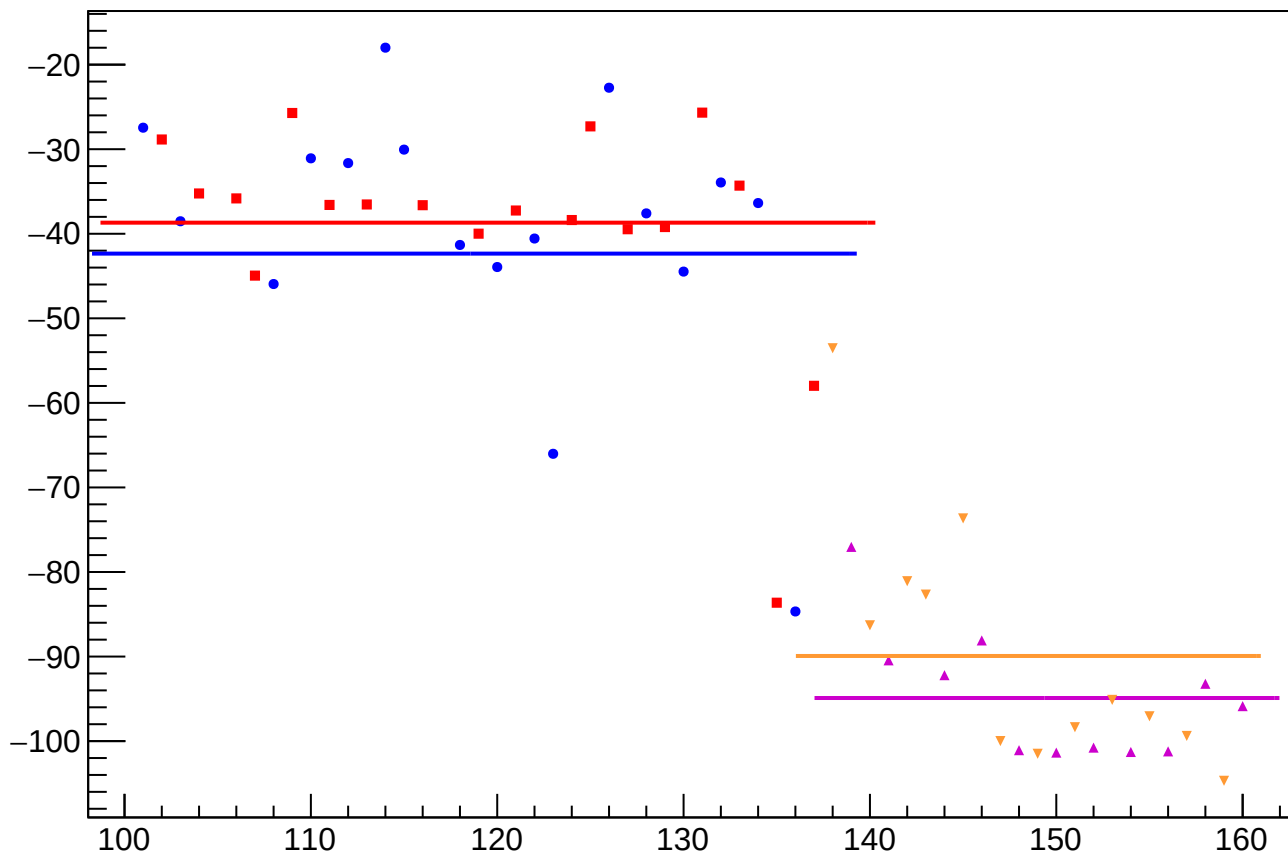
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4eX_coil3_mean vs Slug



Right In: -42.348+/-0.000 χ^2/NDF : 214487265312366042421757259213176832.0/16

Left Out: -89.931+/-0.000 χ^2/NDF : 187167251032127788176867775297355776.0/11

Right Out: -38.687+/-0.000 χ^2/NDF : 132884782523479402209438367825788928.0/17

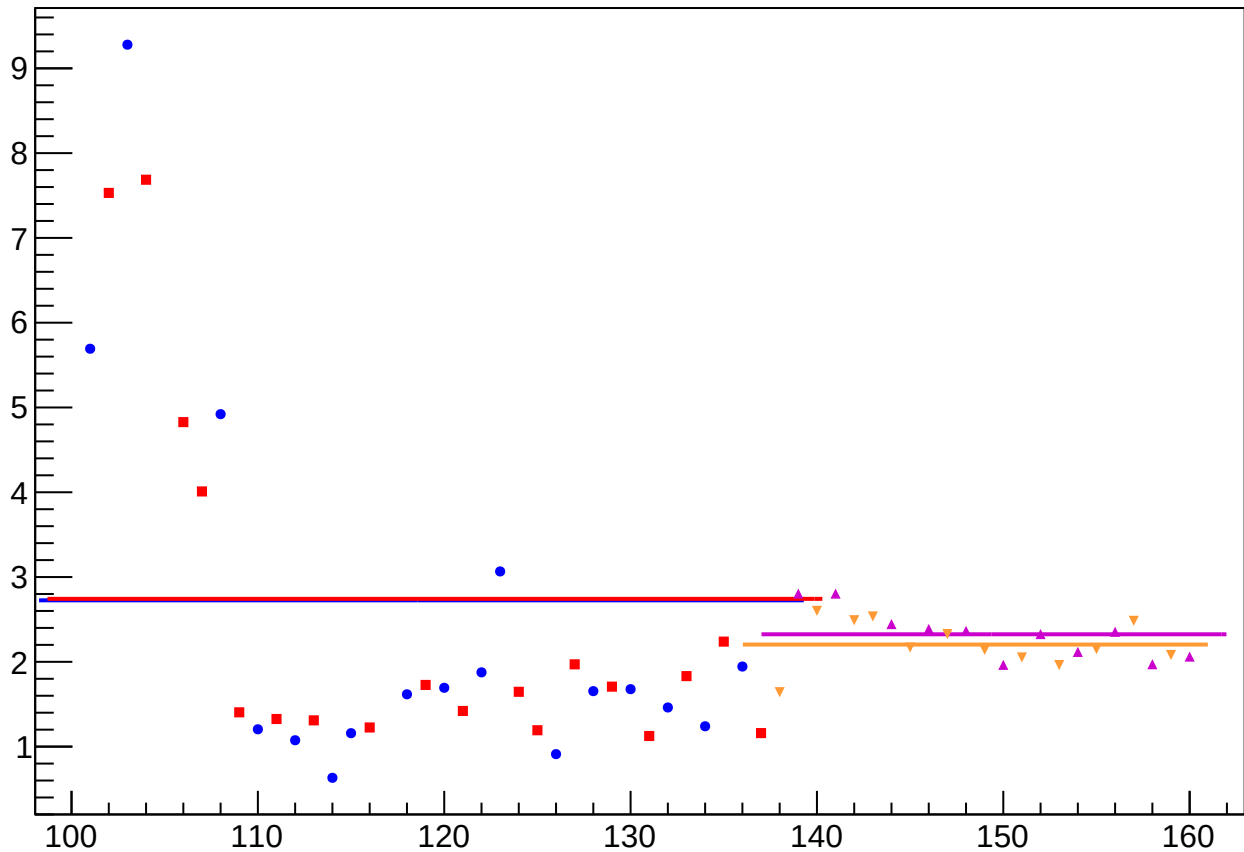
Left In: -94.901+/-0.000 χ^2/NDF : 49160458871676913814520414202757120.0/10

+ sign -69.330+/-0.000 χ^2/NDF : 129268674906465

All: -69.929+/-0.000 χ^2/NDF : 275500453525

- sign -70.512+/-0.000 χ^2/NDF : 1461182402037862

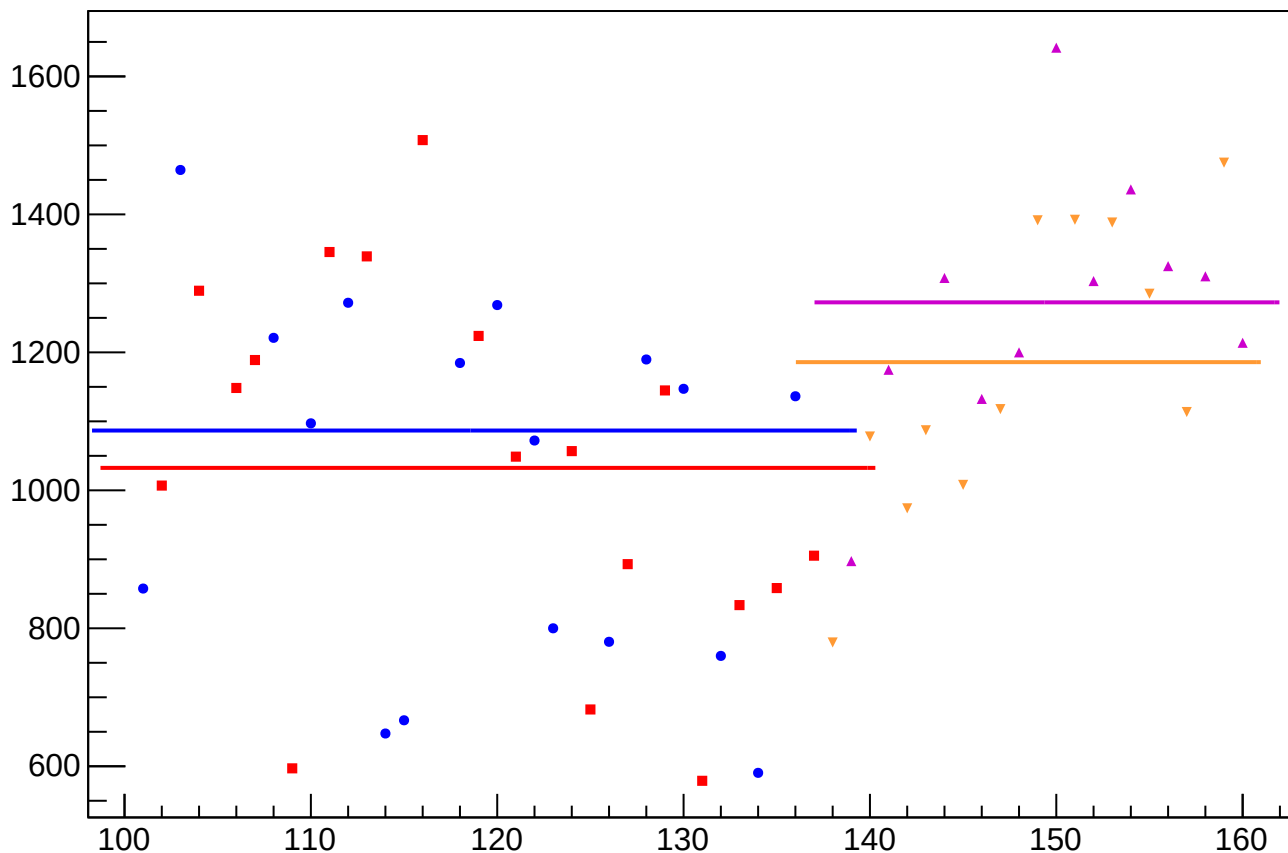
dit_4eX_coil3_err_mean vs Slug



Right In: 2.726+/-0.000	χ^2/NDF : 4086214221048218627232910568062976.0/16
Left Out: 2.204+/-0.000	χ^2/NDF : 64341762429168624767253736325120.0/11
Right Out: 2.743+/-0.000	χ^2/NDF : 3588318821230369709737363581698048.0/17
Left In: 2.325+/-0.000	χ^2/NDF : 71570259822113159465865385607168.0/10

+ sign 2.430+/-0.000 χ^2/NDF : 42576736979958561
 All: 2.468+/-0.000 χ^2/NDF : 7993038934853
 - sign 2.506+/-0.000 χ^2/NDF : 37306091214057511

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

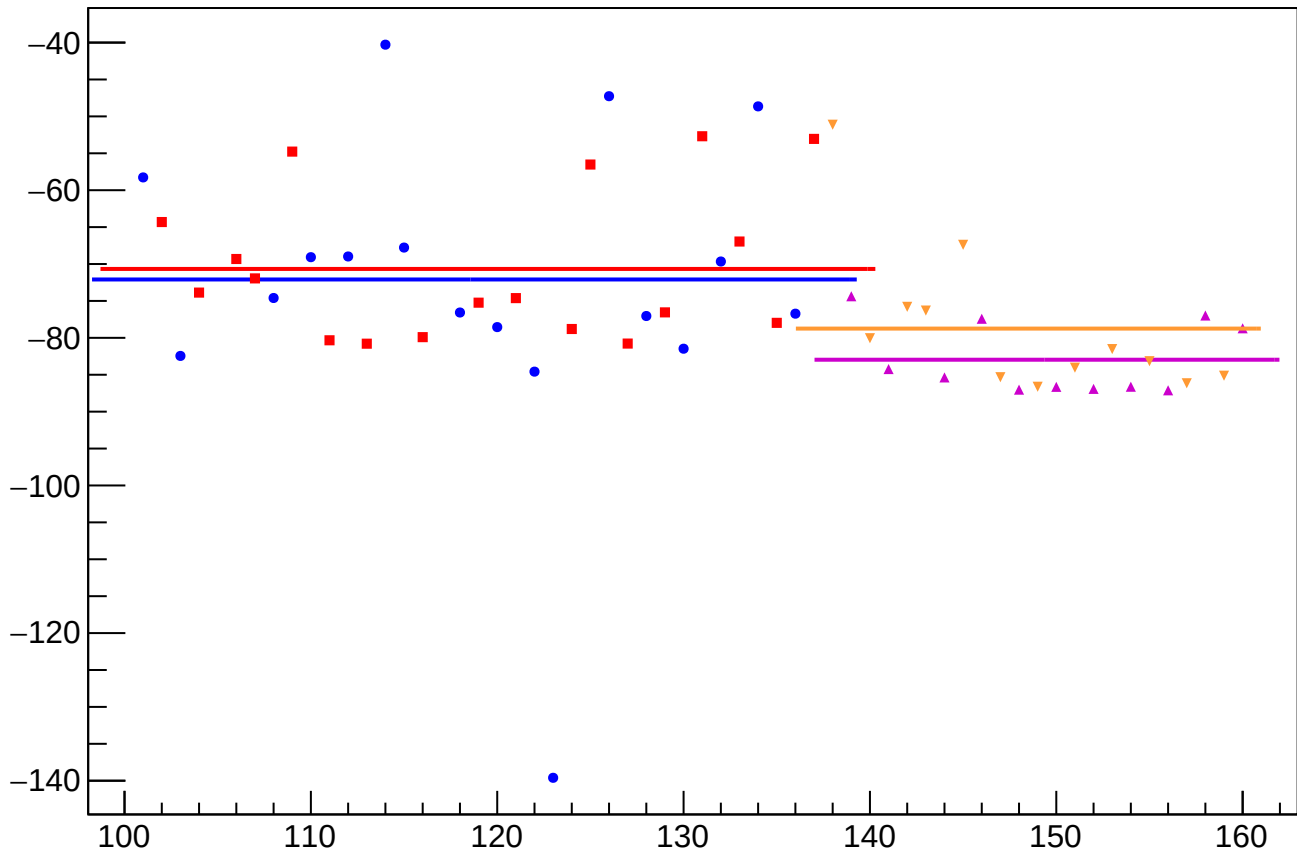
Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

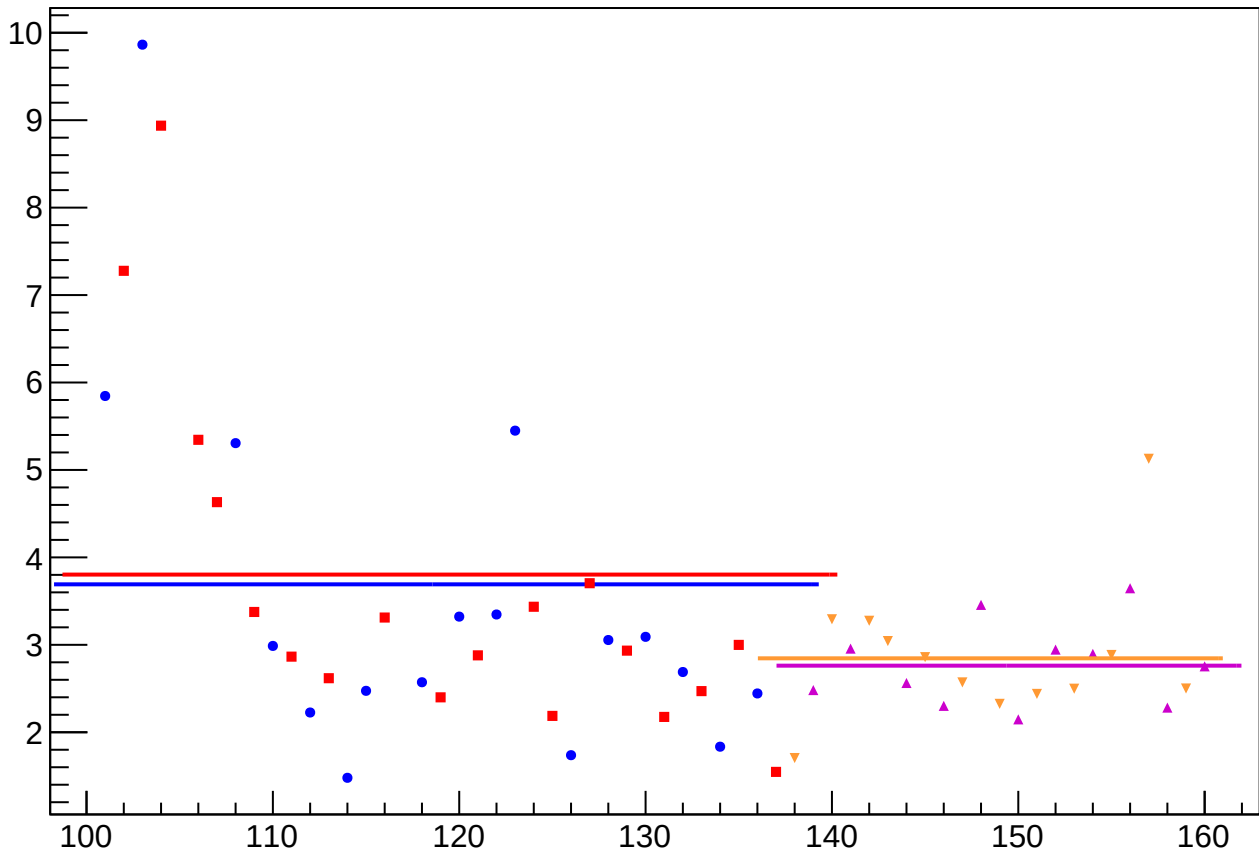
All: 1155.825+/-0.000 χ^2/NDF : 17736486682

dit_11X12X_coil3_mean vs Slug



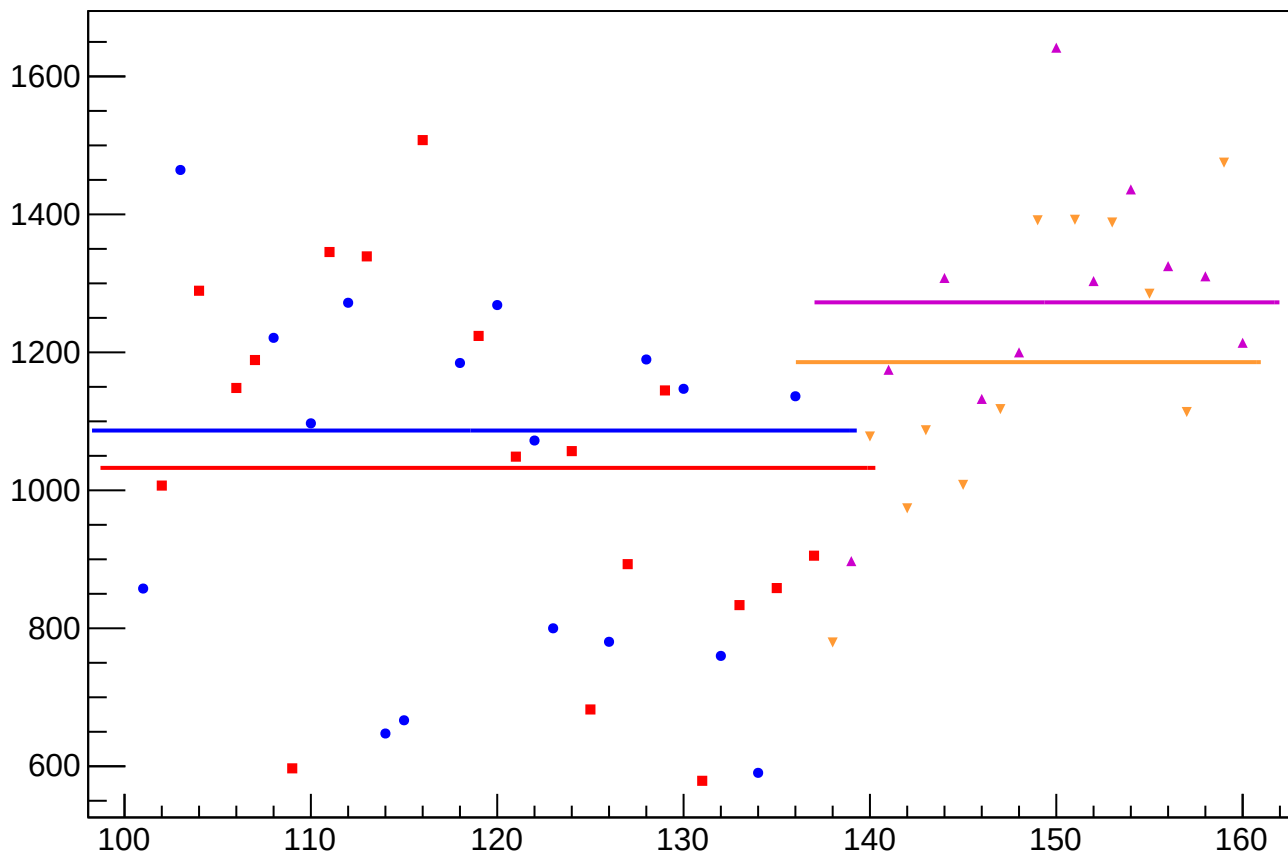
Right In: -72.094 ± 0.000 χ^2/NDF : 103075229118962583323813478911705088.0/16
 Left Out: -78.747 ± 0.000 χ^2/NDF : 90789525072060271629933547446337536.0/11
 Right Out: -70.666 ± 0.000 χ^2/NDF : 63521582322355548765057214851317760.0/17
 Left In: -82.966 ± 0.000 χ^2/NDF : 20132204805005576765090308057726976.0/10

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.692 ± 0.000 χ^2/NDF : 3355971788555014480502828790972416.0/16
 Left Out: 2.846 ± 0.000 χ^2/NDF : 575629369641168831235561749479424.0/11
 Right Out: 3.803 ± 0.000 χ^2/NDF : 2825063553426013260614294392799232.0/17
 Left In: 2.762 ± 0.000 χ^2/NDF : 191371961737300564635223748247552.0/10

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

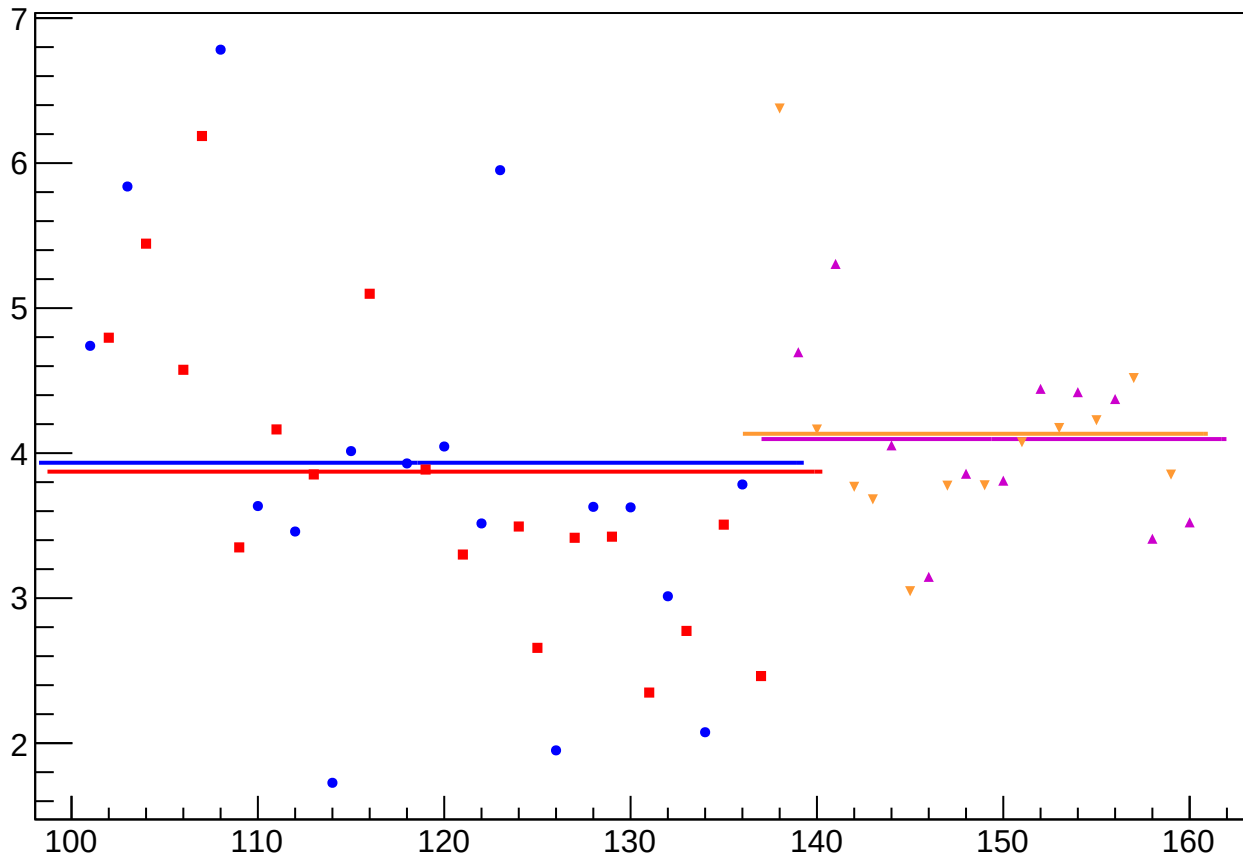
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4aY_coil3_mean vs Slug



Right In: 3.934 ± 0.000 χ^2/NDF : 937288717449166058748009299050496.0/16

Left Out: 4.134 ± 0.000 χ^2/NDF : 543238329499438777000735270764544.0/11

Right Out: 3.872 ± 0.000 χ^2/NDF : 707048075514761321683781922324480.0/17

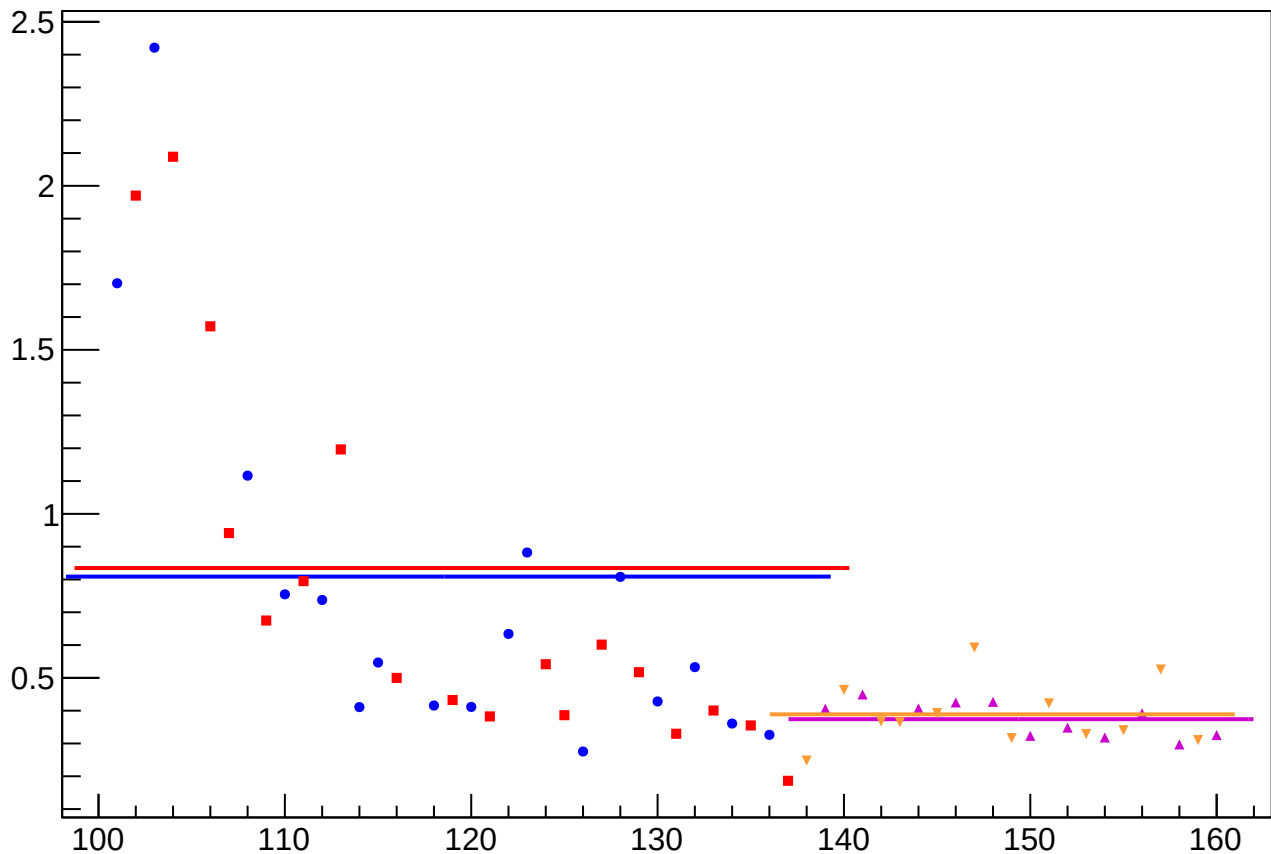
Left In: 4.097 ± 0.000 χ^2/NDF : 331914558071256071482746481934336.0/10

+ sign 4.047 ± 0.000 χ^2/NDF : 14962391915928441

All: 4.023 ± 0.000 χ^2/NDF : 25574735578333

- sign 4.000 ± 0.000 χ^2/NDF : 10594005654132572

dit_4aY_coil3_err_mean vs Slug



Right In: 0.809+/-0.000 χ^2/NDF : 269169890346681229126320544284672.0/16

Left Out: 0.389+/-0.000 χ^2/NDF : 8197684990804317089776046964736.0/11

Right Out: 0.835+/-0.000 χ^2/NDF : 250373306610542576736300880101376.0/17

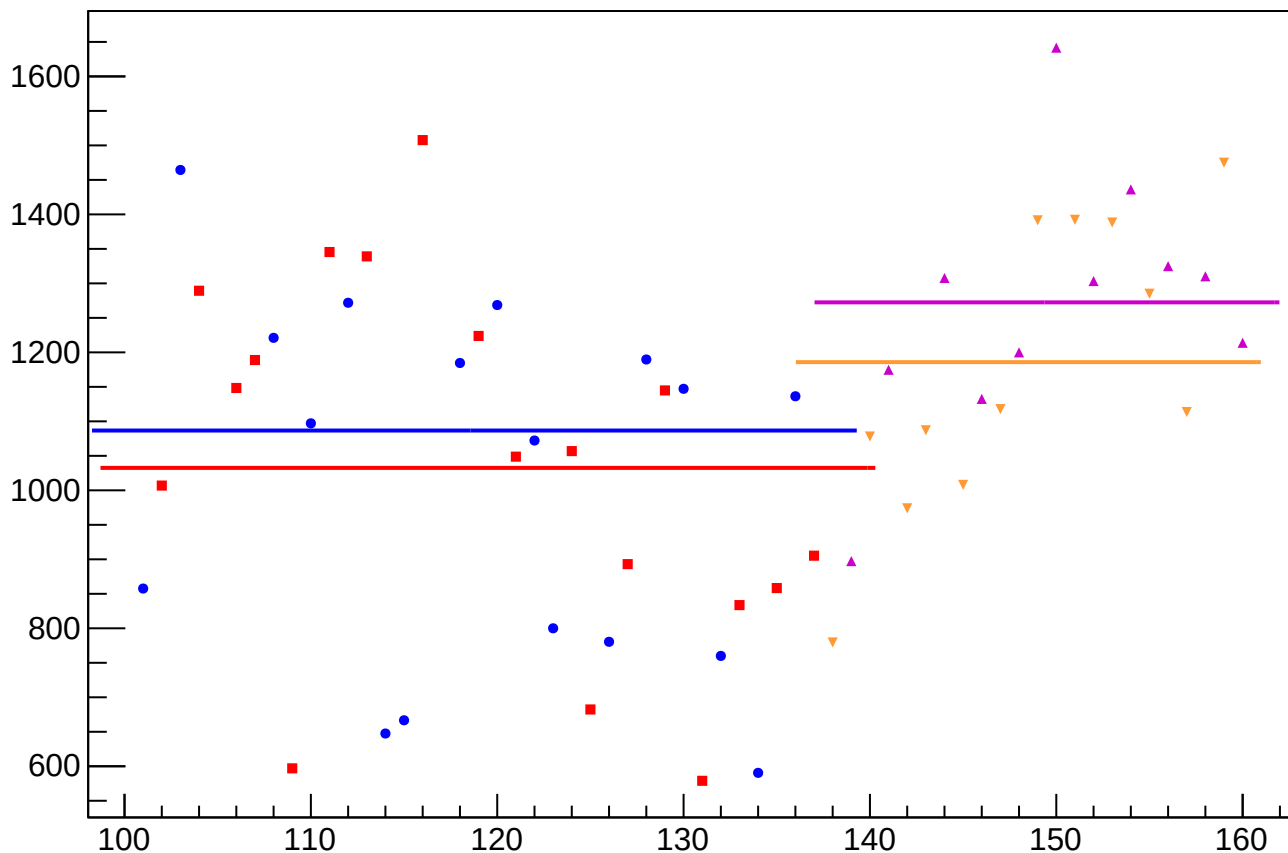
Left In: 0.374+/-0.000 χ^2/NDF : 2379461607366055456140660047872.0/10

+ sign 0.571+/-0.000 χ^2/NDF : 34677222065993079

All: 0.572+/-0.000 χ^2/NDF : 68546068208977

- sign 0.574+/-0.000 χ^2/NDF : 33867954754291424

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16

Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11

Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17

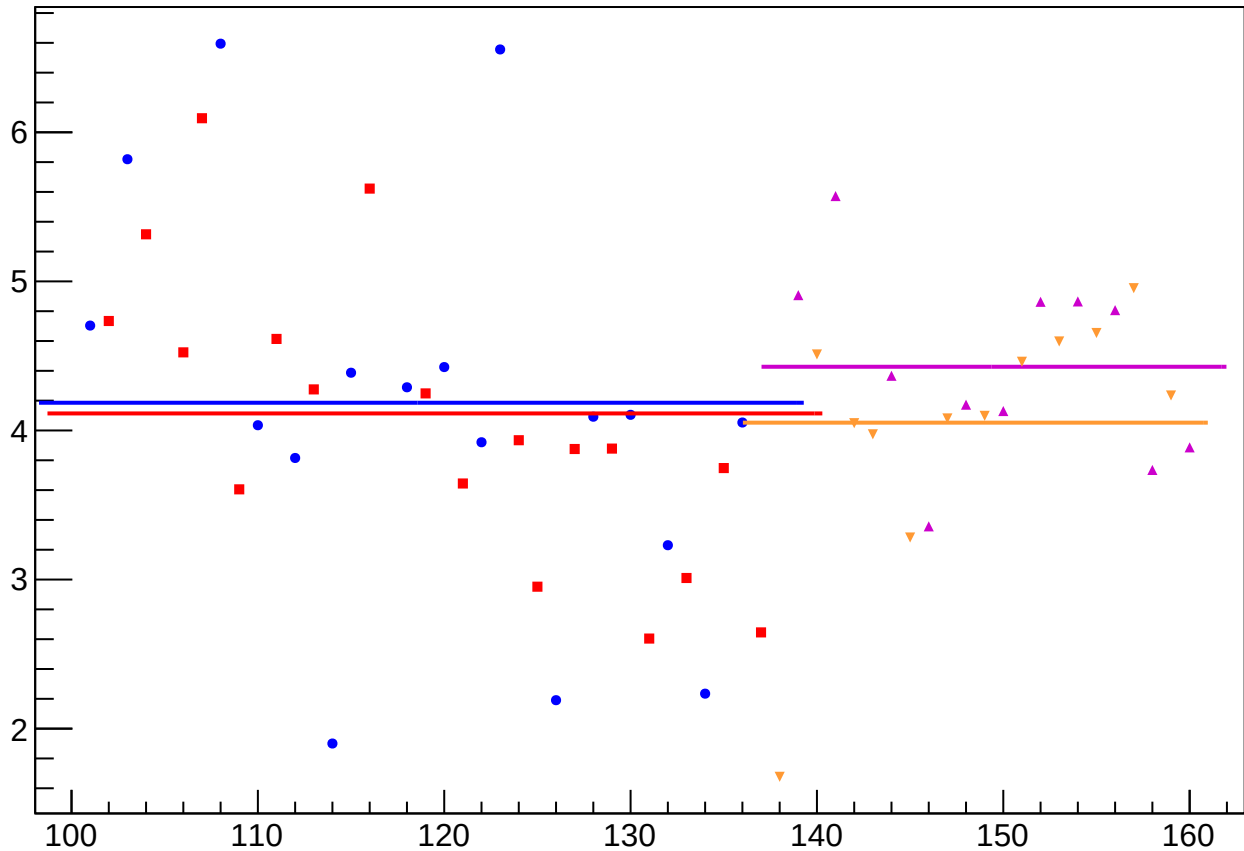
Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

+ sign 1142.906 $\pm$ 0.000 χ^2 /NDF: 76037619994785

All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682

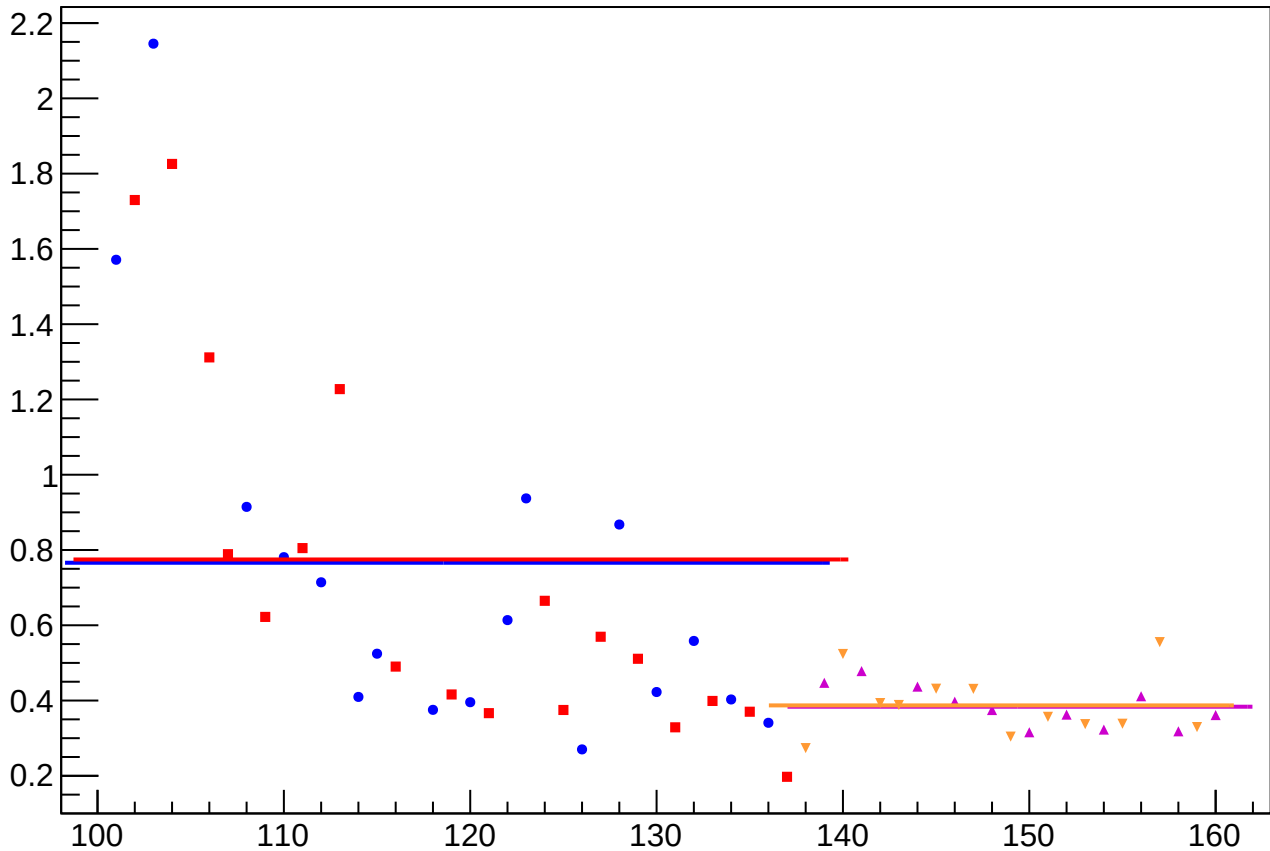
- sign 1168.390 $\pm$ 0.000 χ^2 /NDF: 10079953084874

dit_4eY_coil3_mean vs Slug



Right In: 4.186 $\pm$ 0.000	χ^2 /NDF: 774445398310846770950220892078080.0/16
Left Out: 4.052 $\pm$ 0.000	χ^2 /NDF: 634098515145798855261076427112448.0/11
Right Out: 4.114 $\pm$ 0.000	χ^2 /NDF: 573990867601521273238766982529024.0/17
Left In: 4.427 $\pm$ 0.000	χ^2 /NDF: 347229155799314771034943134892032.0/10
All: 4.202 $\pm$ 0.000 χ^2 /NDF: 24031632515753 + sign 4.110 $\pm$ 0.000 χ^2 /NDF: 14155619679795147 - sign 4.292 $\pm$ 0.000 χ^2 /NDF: 96089553826186659	

dit_4eY_coil3_err_mean vs Slug



Right In: 0.766 $\pm$ 0.000 χ^2 /NDF: 204784790719097578994787197911040.0/16

Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF: 6246545374867762879189246541824.0/11

Right Out: 0.775 $\pm$ 0.000 χ^2 /NDF: 182293178606852047340817164009472.0/17

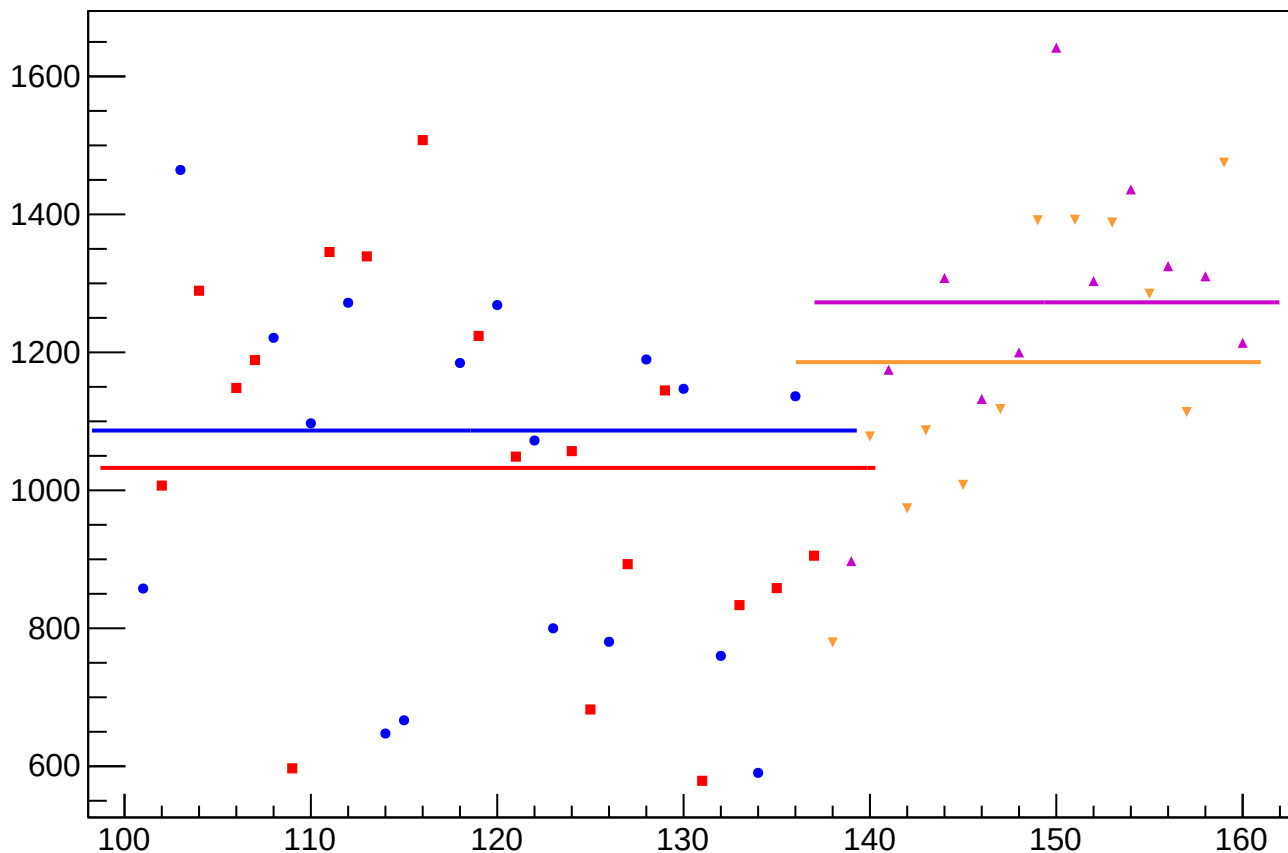
Left In: 0.384 $\pm$ 0.000 χ^2 /NDF: 2598634848541931497775565897728.0/10

+ sign 0.551 $\pm$ 0.000 χ^2 /NDF: 26755804354011128

All: 0.552 $\pm$ 0.000 χ^2 /NDF: 51440604230440

- sign 0.553 $\pm$ 0.000 χ^2 /NDF: 24684427151471948

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

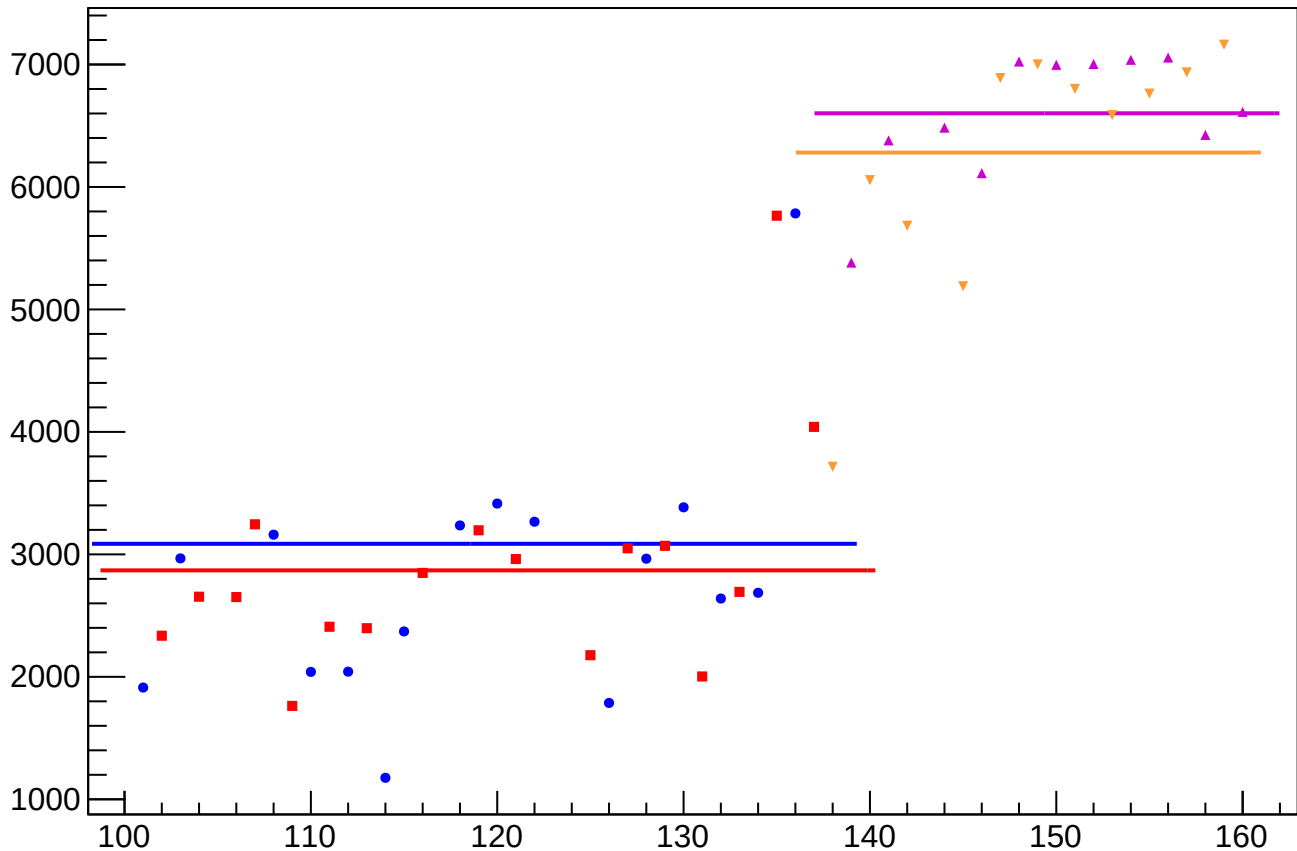
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

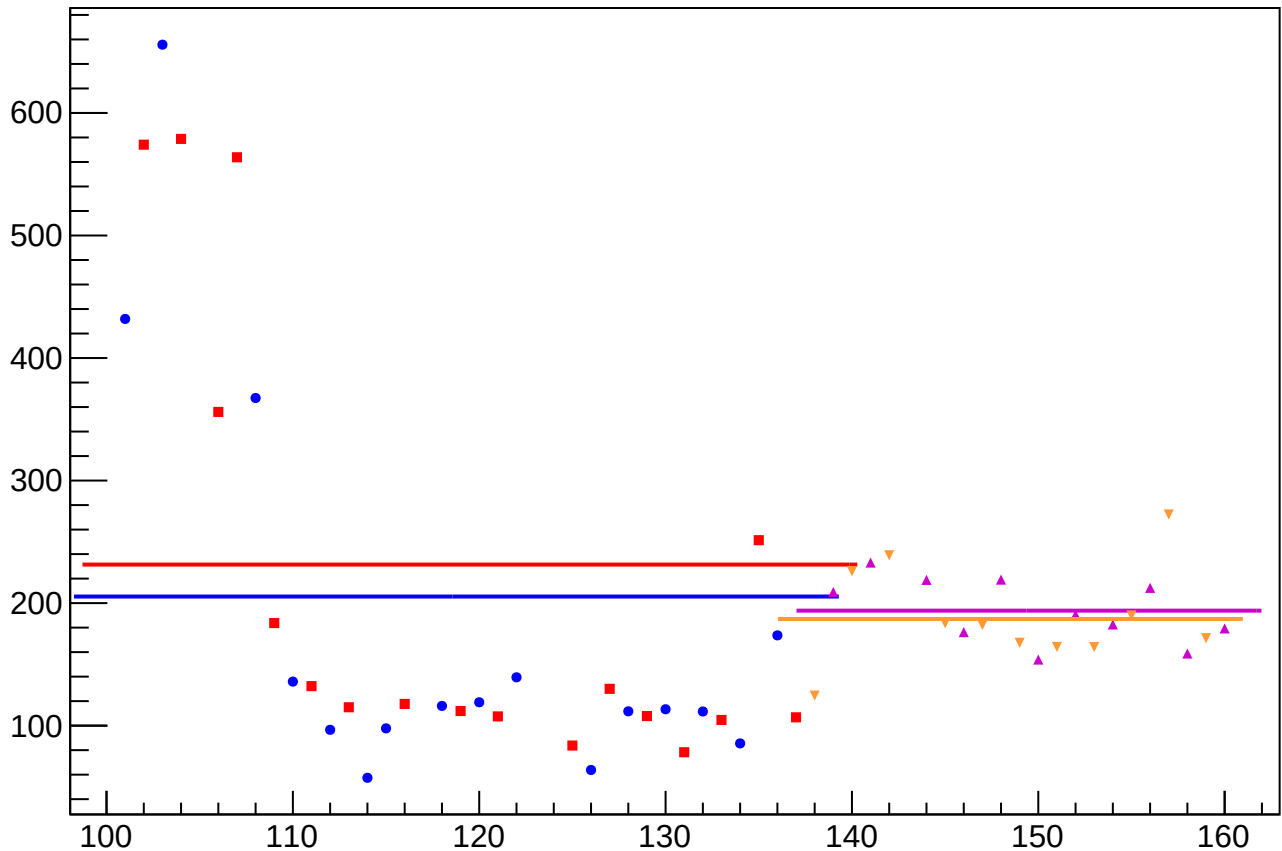
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_usl_coil3_mean vs Slug



Right In: 3086.294+/-0.000 χ^2/NDF : 957872647656521012418983150086021709824.0/15
 Left Out: 6281.054+/-0.000 χ^2/NDF : 840424812990698239150116446510170243072.0/10
 Right Out: 2869.332+/-0.000 χ^2/NDF : 591237562305543847323062569482235936768.0/16
 Left In: 6601.570+/-0.000 χ^2/NDF : 224954235143433170053737939603445252096.0/10

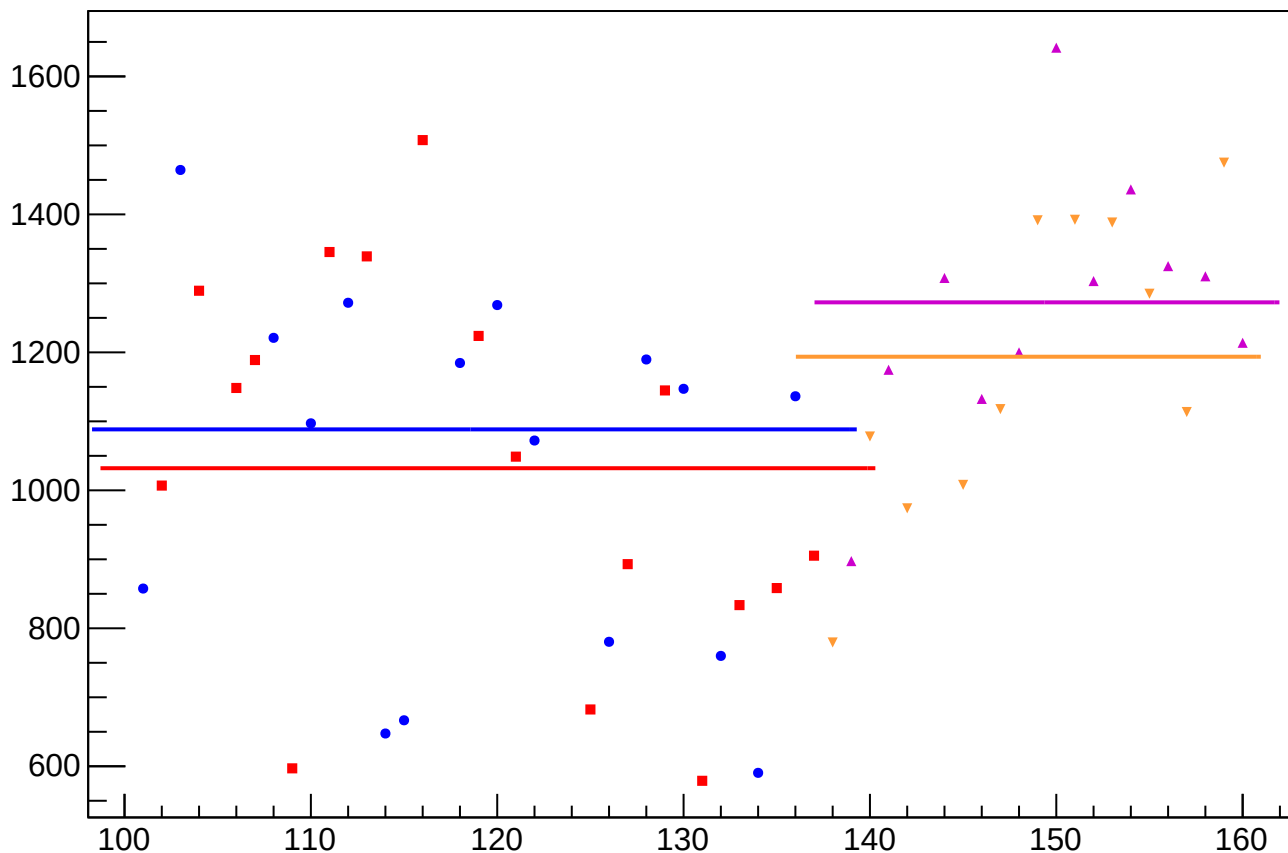
dit_usl_coil3_err_mean vs Slug



Right In: 205.364+/-0.000	χ^2/NDF : 20493668782682953984090808657754718208.0/15
Left Out: 187.052+/-0.000	χ^2/NDF : 1231111224909573231836373521014980608.0/10
Right Out: 231.450+/-0.000	χ^2/NDF : 23996601891457376807935240829130506240.0/16
Left In: 193.848+/-0.000	χ^2/NDF : 586629985939156798428558842319077376.0/10

+ sign 195.300+/-0.000 χ^2/NDF : 218519570104929
 All: 202.876+/-0.000 χ^2/NDF : 47171521339
 - sign 209.980+/-0.000 χ^2/NDF : 251491725465213

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1088.357+/-0.000 χ^2/NDF : 34282153777351983771685586546357960704.0/15

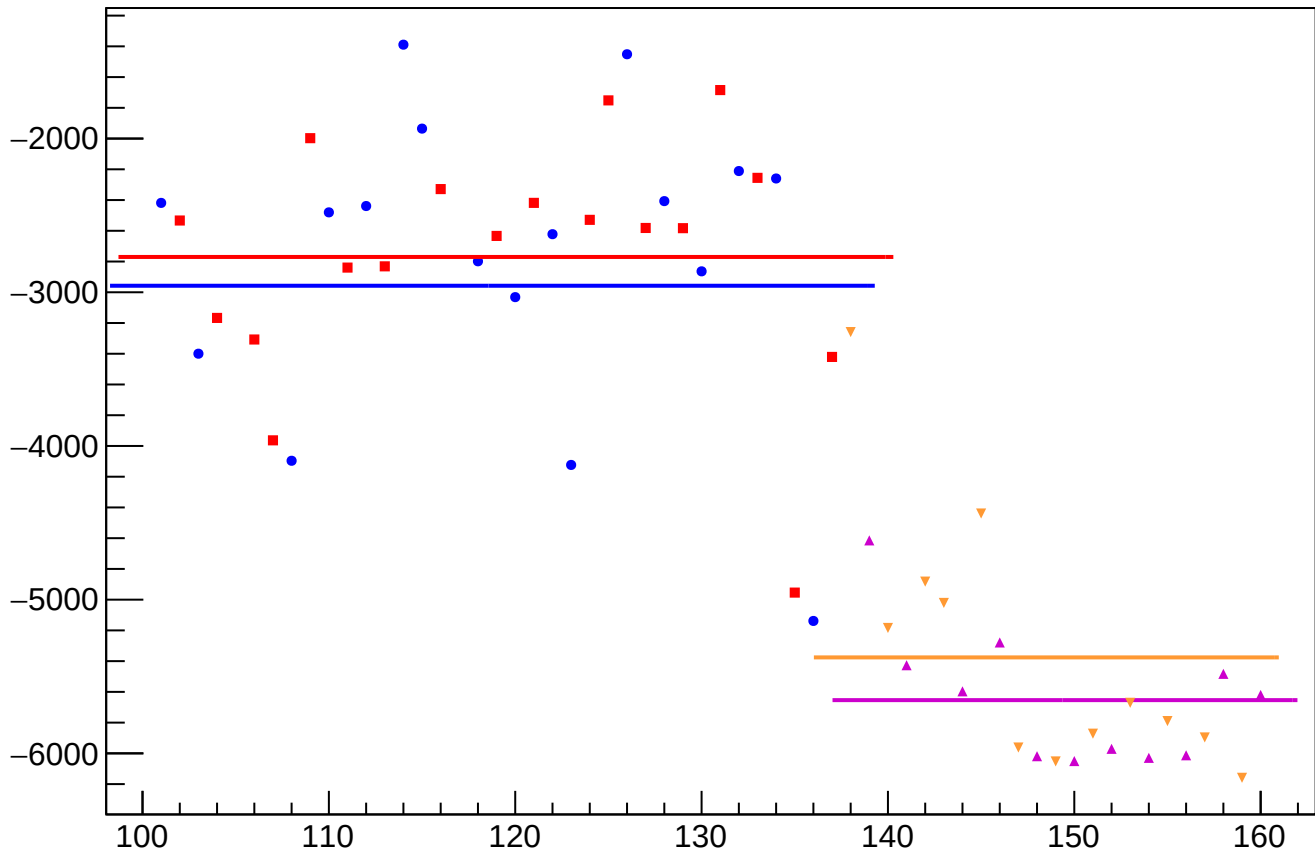
Left Out: 1193.682+/-0.000 χ^2/NDF : 36852151008799488295542377563587346432.0/10

Right Out: 1032.058+/-0.000 χ^2/NDF : 47606445983736508238206731798200713216.0/16

Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

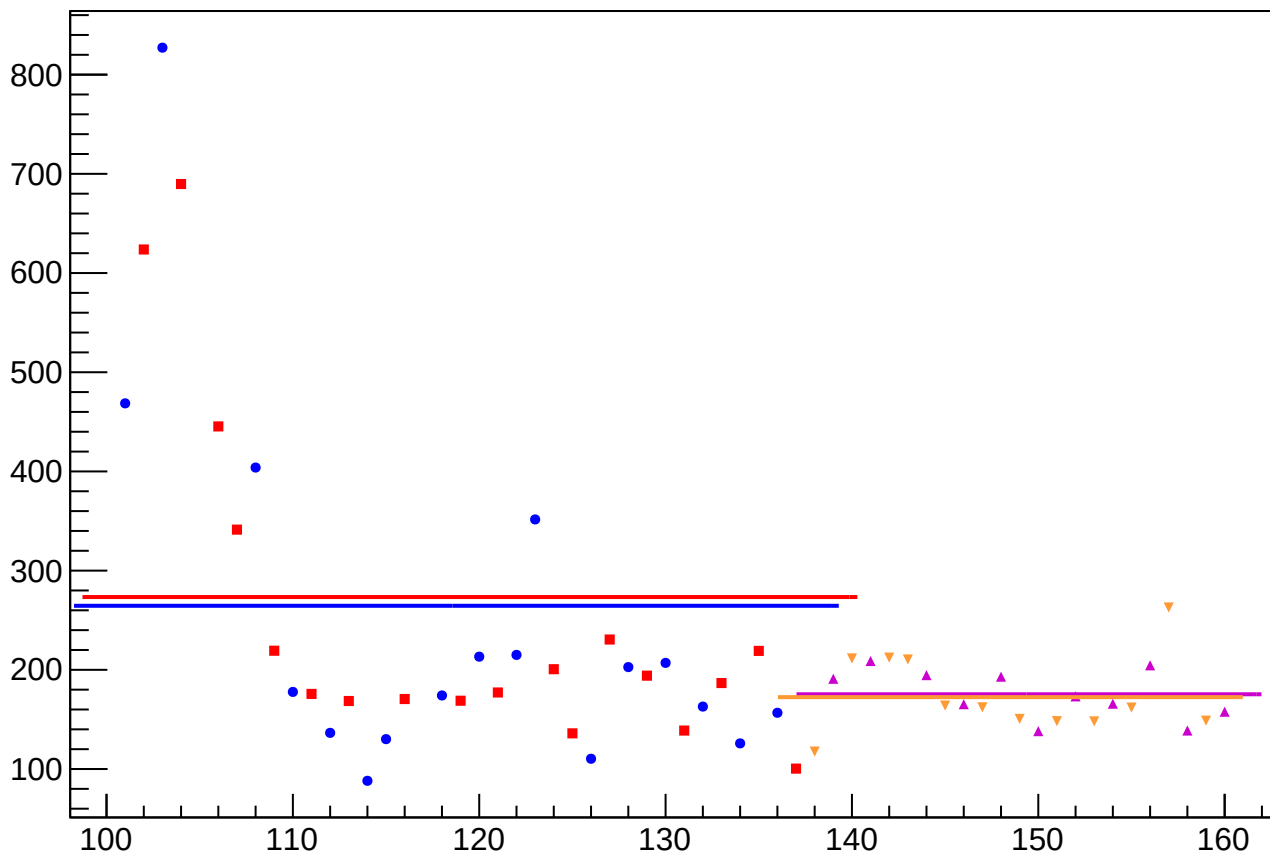
+ sign 1146.244+/-0.000 χ^2/NDF : 75341250489289
All: 1158.167+/-0.000 χ^2/NDF : 17638710884
- sign 1169.346+/-0.000 χ^2/NDF : 10062388407814

dit_usr_coil3_mean vs Slug



Right In: -2957.567+/-0.000 χ^2/NDF : 713909426456610215881026852236843548672.0/16
 Left Out: -5375.695+/-0.000 χ^2/NDF : 614970411401357250704026120645020483584.0/11
 Right Out: -2770.253+/-0.000 χ^2/NDF : 445434357481765841936850386629712412672.0/17
 Left In: -5653.693+/-0.000 χ^2/NDF : 163388727247640022745164219494657163264.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 264.557 $\pm$ 0.000 χ^2/NDF : 27392235444982313348552279916984401920.0/16

Left Out: 172.461 $\pm$ 0.000 χ^2/NDF : 1337859782705403198008239582328389632.0/11

Right Out: 273.375 $\pm$ 0.000 χ^2/NDF : 22103440288407609769259099140296540160.0/17

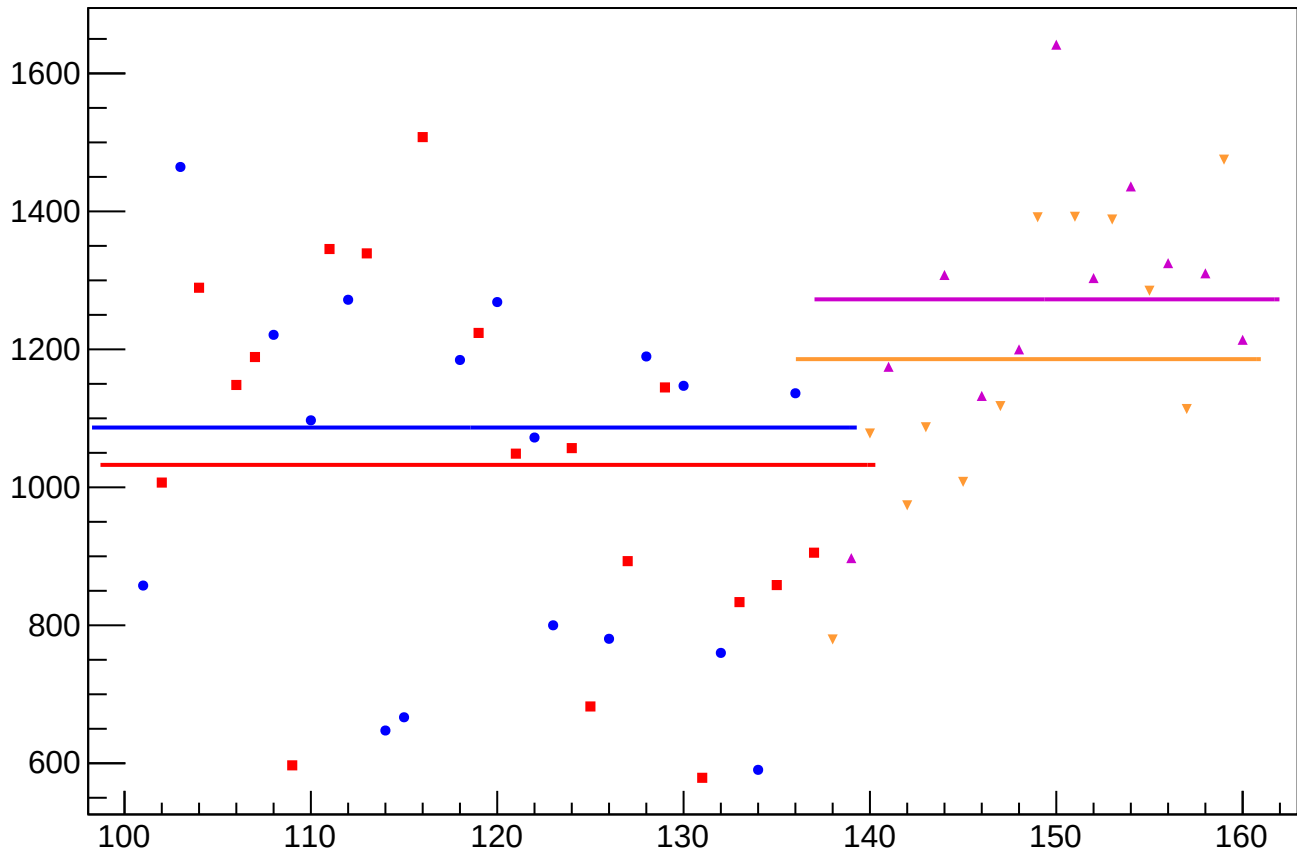
Left In: 175.349 $\pm$ 0.000 χ^2/NDF : 519457890651720785160381502035329024.0/10

+ sign 212.333 $\pm$ 0.000 χ^2/NDF : 320679849131950

All: 215.144 $\pm$ 0.000 χ^2/NDF : 586055091249

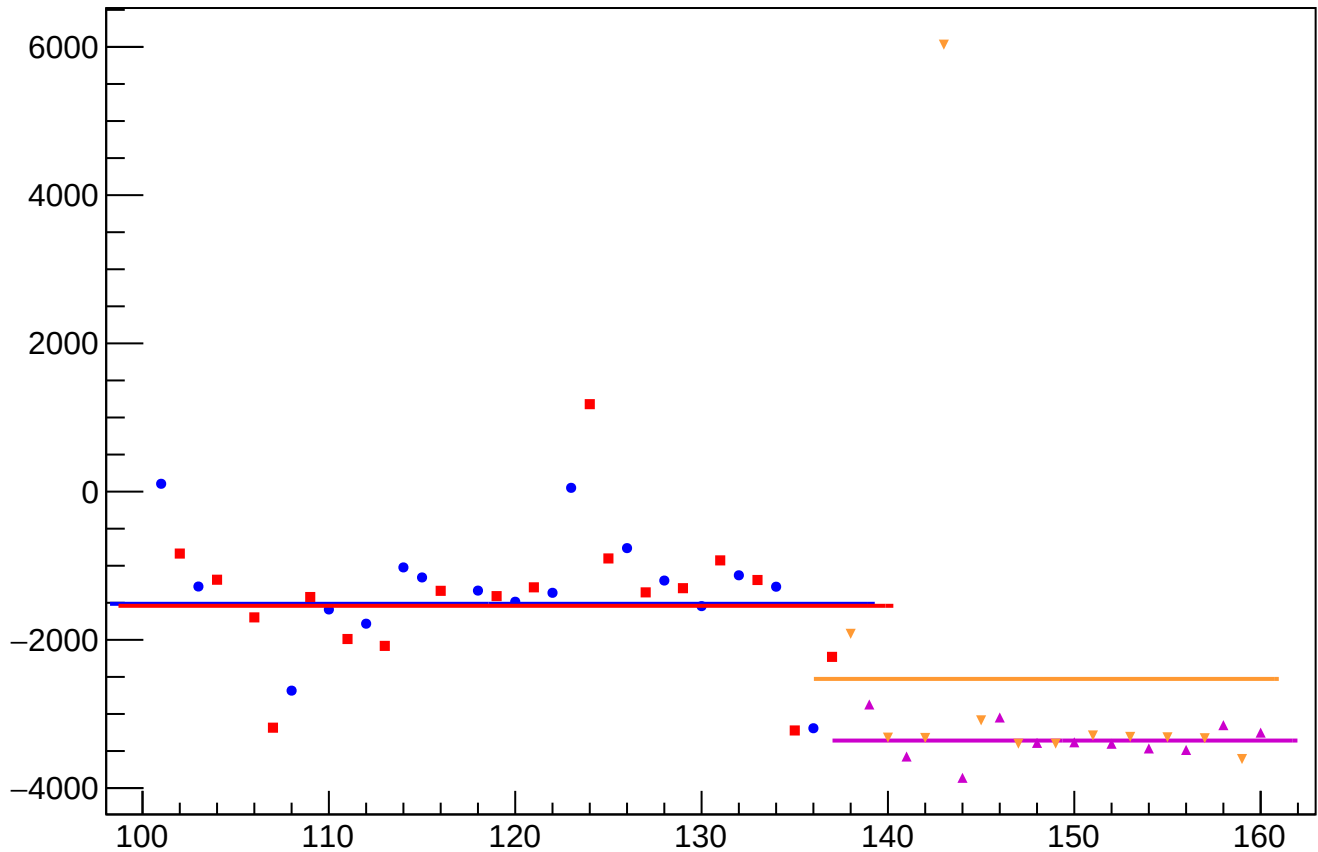
- sign 217.879 $\pm$ 0.000 χ^2/NDF : 265125315642352

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

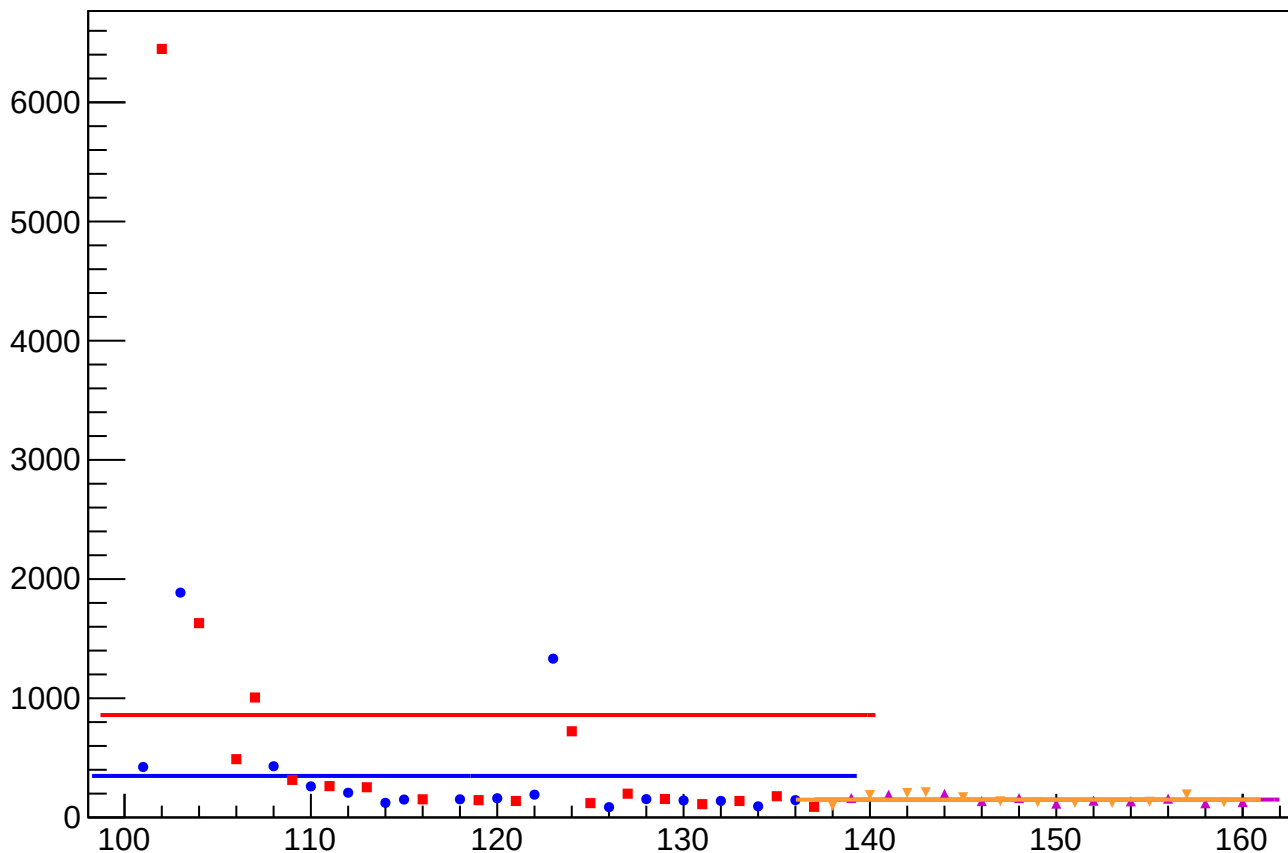
dit_atl1_coil3_mean vs Slug



Right In: -1513.653+/-0.000	χ^2/NDF : 514234912482757513557339366977389461504.0/16
Left Out: -2527.006+/-0.000	χ^2/NDF : 5451232990455416155360910698566211600384.0/11
Right Out: -1540.621+/-0.000	χ^2/NDF : 446199417852057016559160819528574697472.0/17
Left In: -3358.797+/-0.000	χ^2/NDF : 60700995686323483961460541092630888448.0/10

+ sign -2088.287+/-0.000 χ^2/NDF : 6369588891133
 All: -2332.459+/-0.000 χ^2/NDF : 8403164057
 - sign -2569.964+/-0.000 χ^2/NDF : 18450423697214

dit_atl1_coil3_err_mean vs Slug



Right In: 348.444+/-0.000 χ^2/NDF : 164421878122610355371654497383202422784.0/16

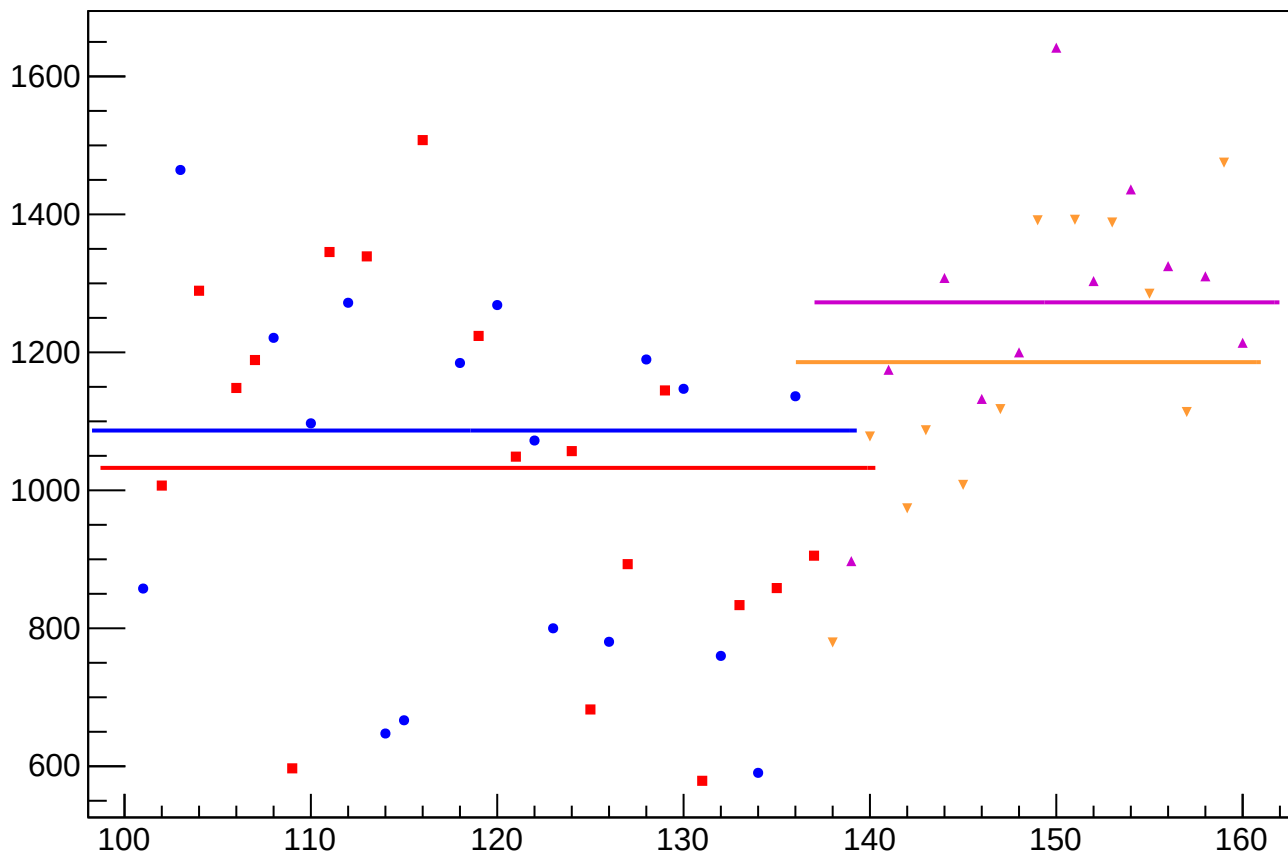
Left Out: 149.175+/-0.000 χ^2 /NDF:115400855761692730532035624438988800.0/11

Right Out: 859.360+/-0.000 χ^2/NDF : 2089894584846900651264019930845330538496.0/17

Left In: 149.996+/-0.000 χ^2/NDF : 634211210391111193289402478351089664.0/10

Left In: 149.996+/-0.000 χ^2/NDF :634211210391111193289402478351089664.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

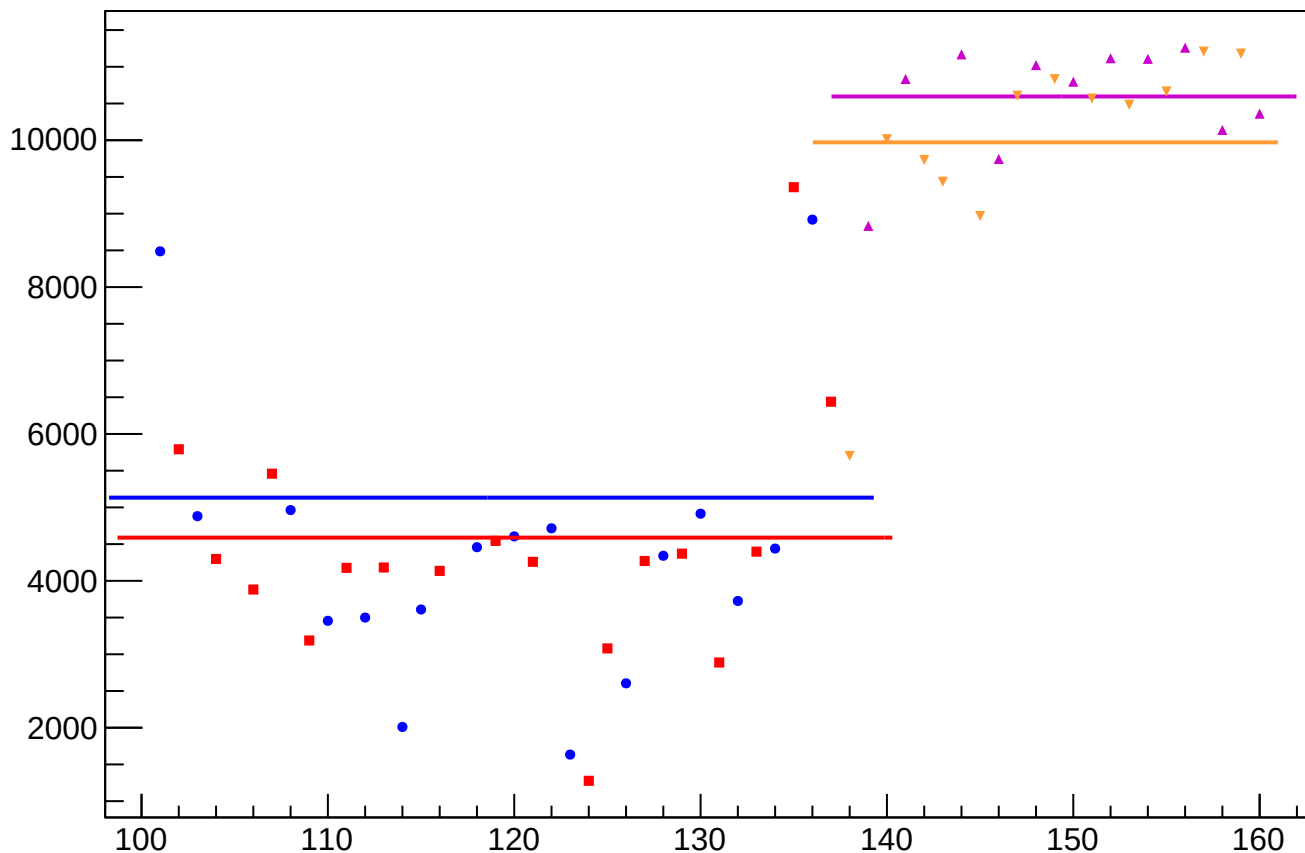
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

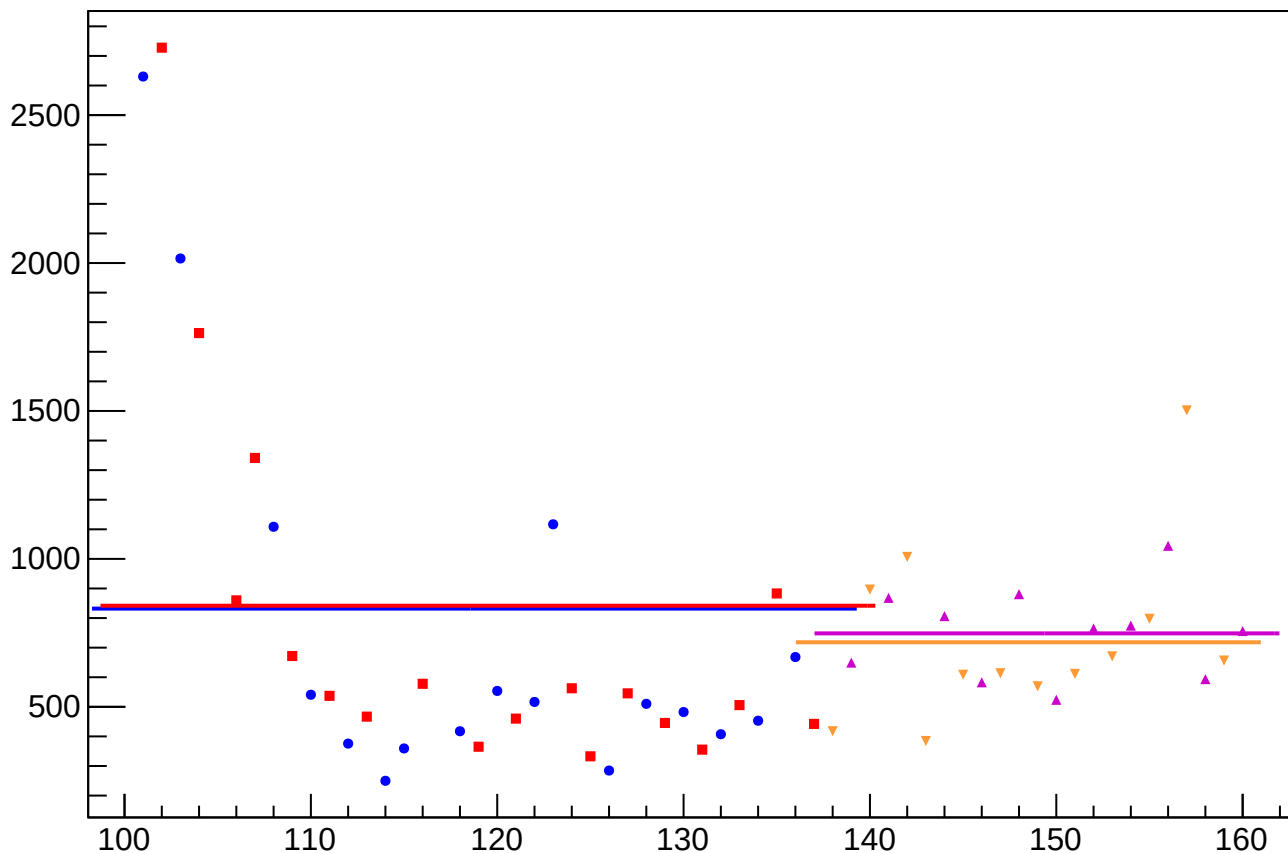
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_atl2_coil3_mean vs Slug



Right In: 5133.097+/-0.000	χ^2/NDF : 2783606731789543492542627200033364115456.0/16	+ sign 7876.467+/-0.000	χ^2/NDF : 13928979529147
Left Out: 9970.965+/-0.000	χ^2/NDF : 1934561351581385388949199210125109231616.0/11	All: 7933.751+/-0.000	χ^2/NDF : 30777943960
Right Out: 4588.565+/-0.000	χ^2/NDF : 1762679658137517030098233744958039261184.0/17	- sign 7989.471+/-0.000	χ^2/NDF : 1683858776209
Left In: 10595.738+/-0.000	χ^2/NDF : 468576856430233997179123685345978220544.0/10		

dit_atl2_coil3_err_mean vs Slug



Right In: 831.957+/-0.000 χ^2/NDF : 349451729062960856481628082238677581824.0/16

Left Out: 718.149+/-0.000 χ^2/NDF : 71937620206312488089989876430797799424.0/11

Right Out: 841.697+/-0.000 χ^2/NDF : 327194571788790762884924618221350289408.0/17

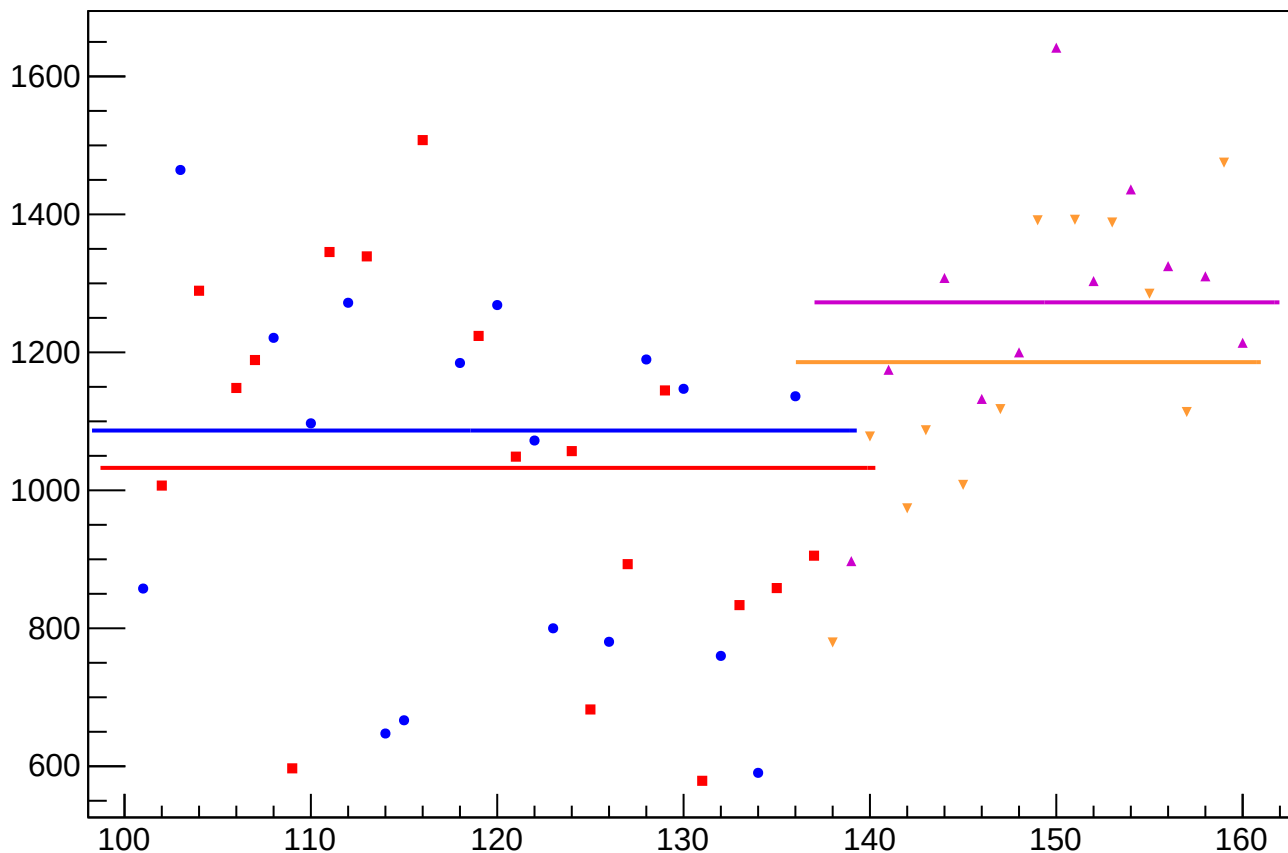
Left In: 748.248+/-0.000 χ^2/NDF : 19684275040316832189212720213180547072.0/10

+ sign 767.421+/-0.000 χ^2/NDF : 426486573077915

All: 778.254+/-0.000 χ^2/NDF : 777271460127

- sign 788.792+/-0.000 χ^2/NDF : 350413761567384

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

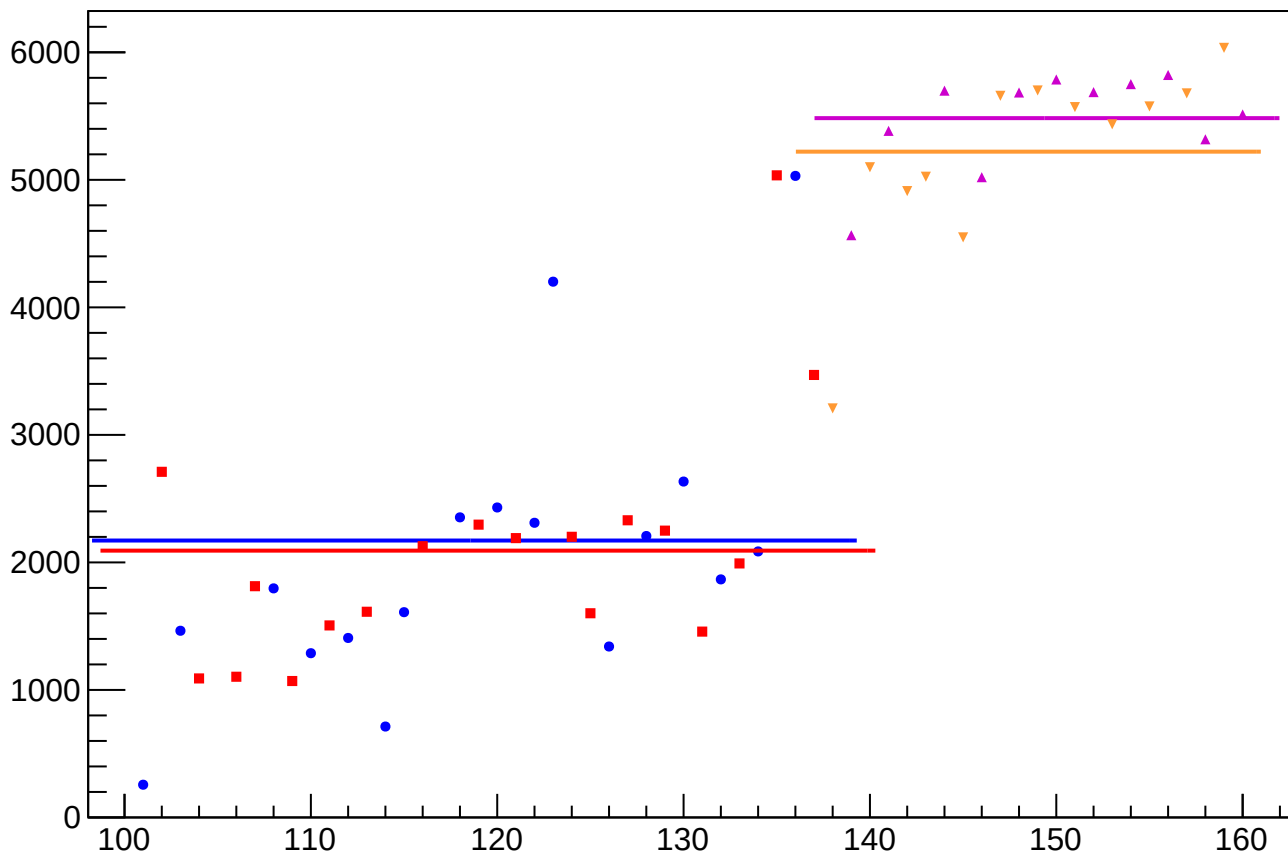
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

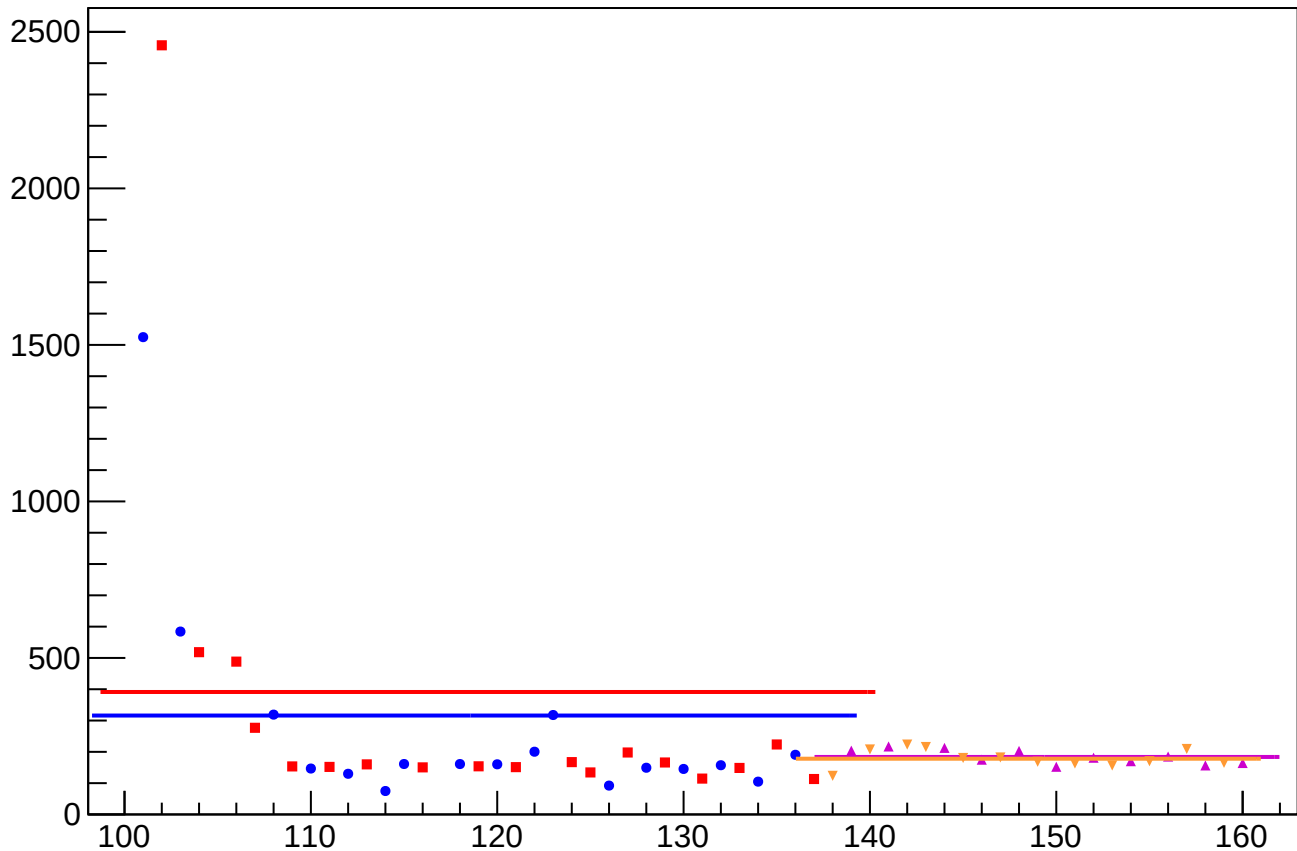
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_atr1_coil3_mean vs Slug



Right In: 2171.584+/-0.000 χ^2/NDF : 1121481436711992505747608002078061887488.0/16
 Left Out: 5221.037+/-0.000 χ^2/NDF : 485765431105029285433830000844618072064.0/11
 Right Out: 2092.361+/-0.000 χ^2/NDF : 667441885377832140265043131761621467136.0/17
 Left In: 5483.850+/-0.000 χ^2/NDF : 124207618021639643047117923230651777024.0/10

dit_atr1_coil3_err_mean vs Slug



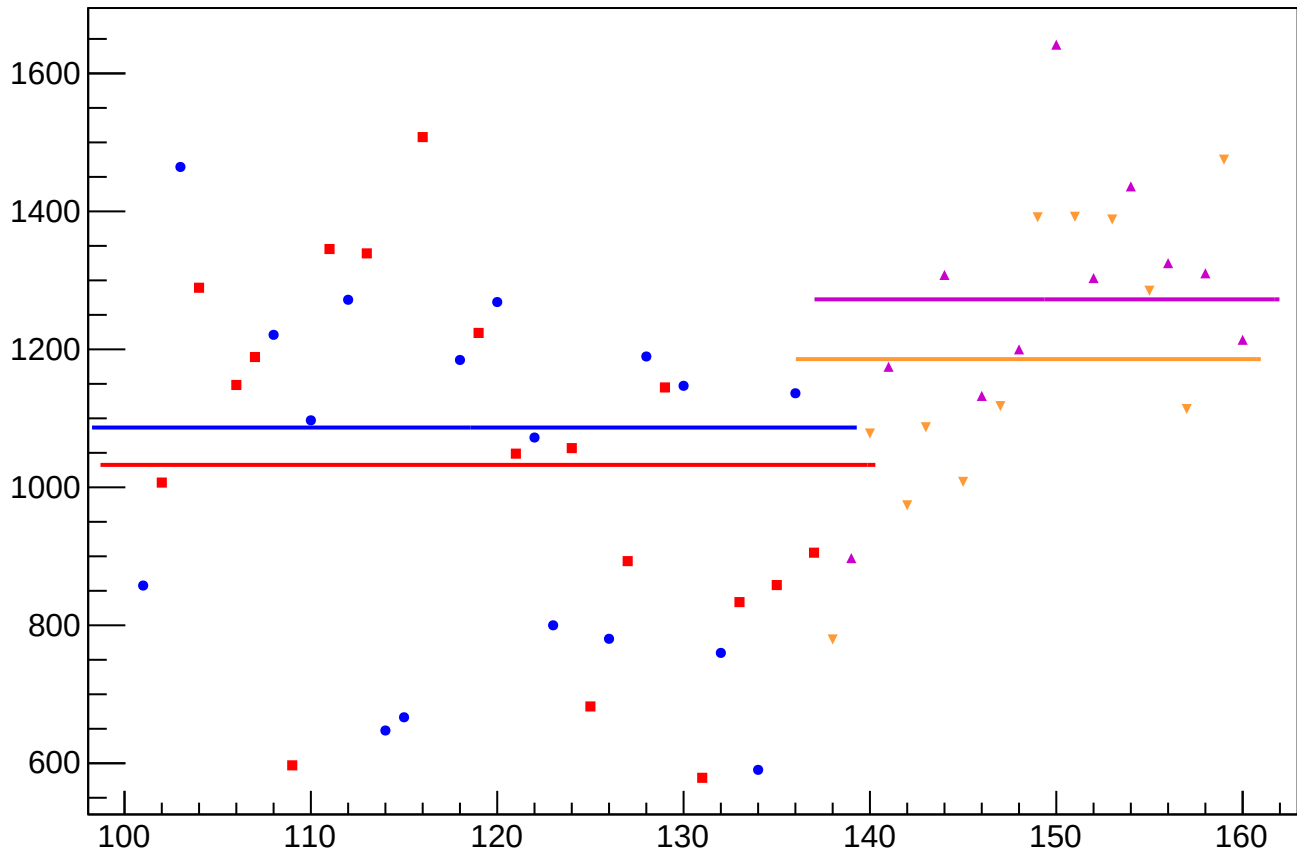
Right In: 315.988+/-0.000	χ^2/NDF : 105245970043528229052885068868464148480.0/16
Left Out: 178.075+/-0.000	χ^2/NDF : 651585134849869206771008425477275648.0/11
Right Out: 391.241+/-0.000	χ^2/NDF : 278615743451952201300141162839823876096.0/17
Left In: 183.693+/-0.000	χ^2/NDF : 436901081723904411805948593427185664.0/10

+ sign 237.783+/-0.000 χ^2/NDF : 113382762645642

All: 256.010+/-0.000 χ^2/NDF : 410922874880

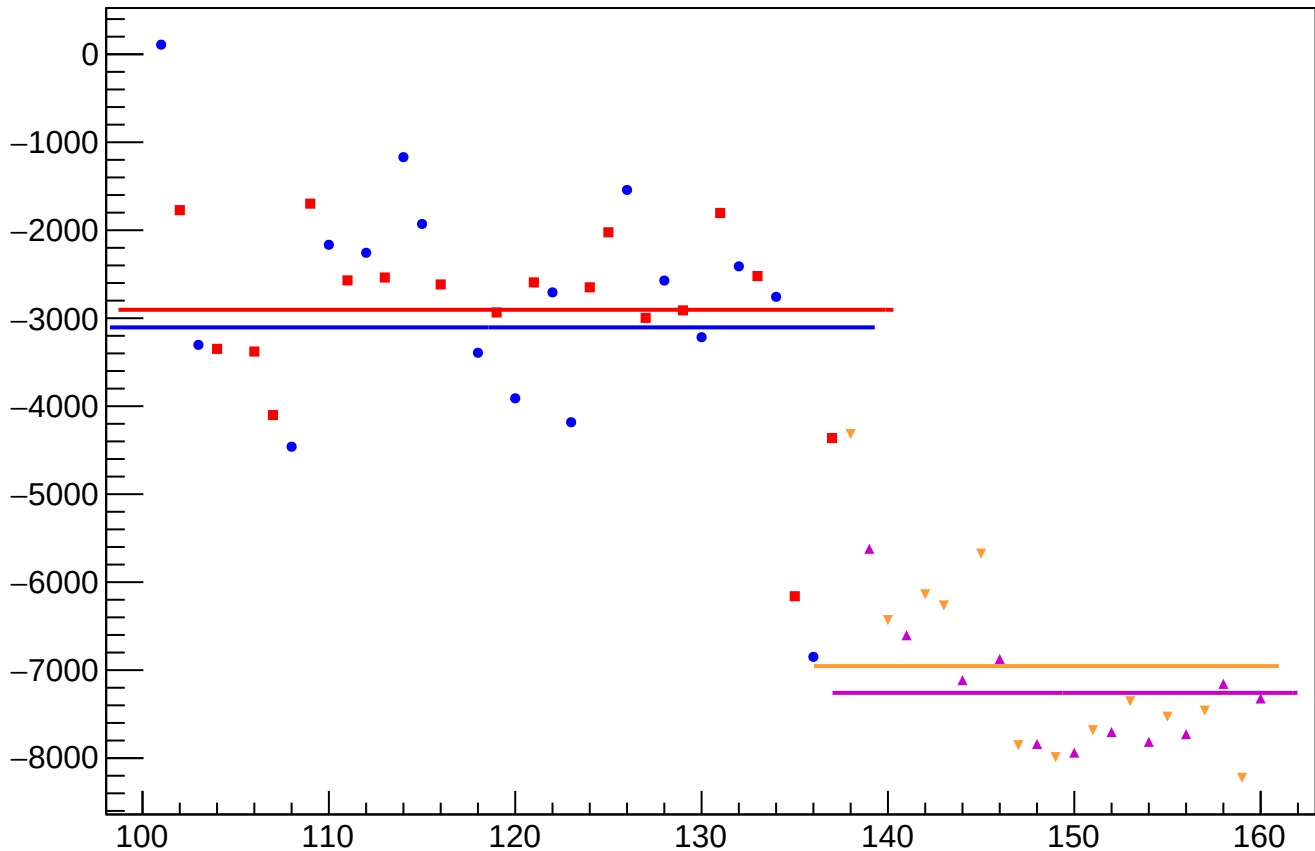
- sign 273.739+/-0.000 χ^2/NDF : 296489530916399

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

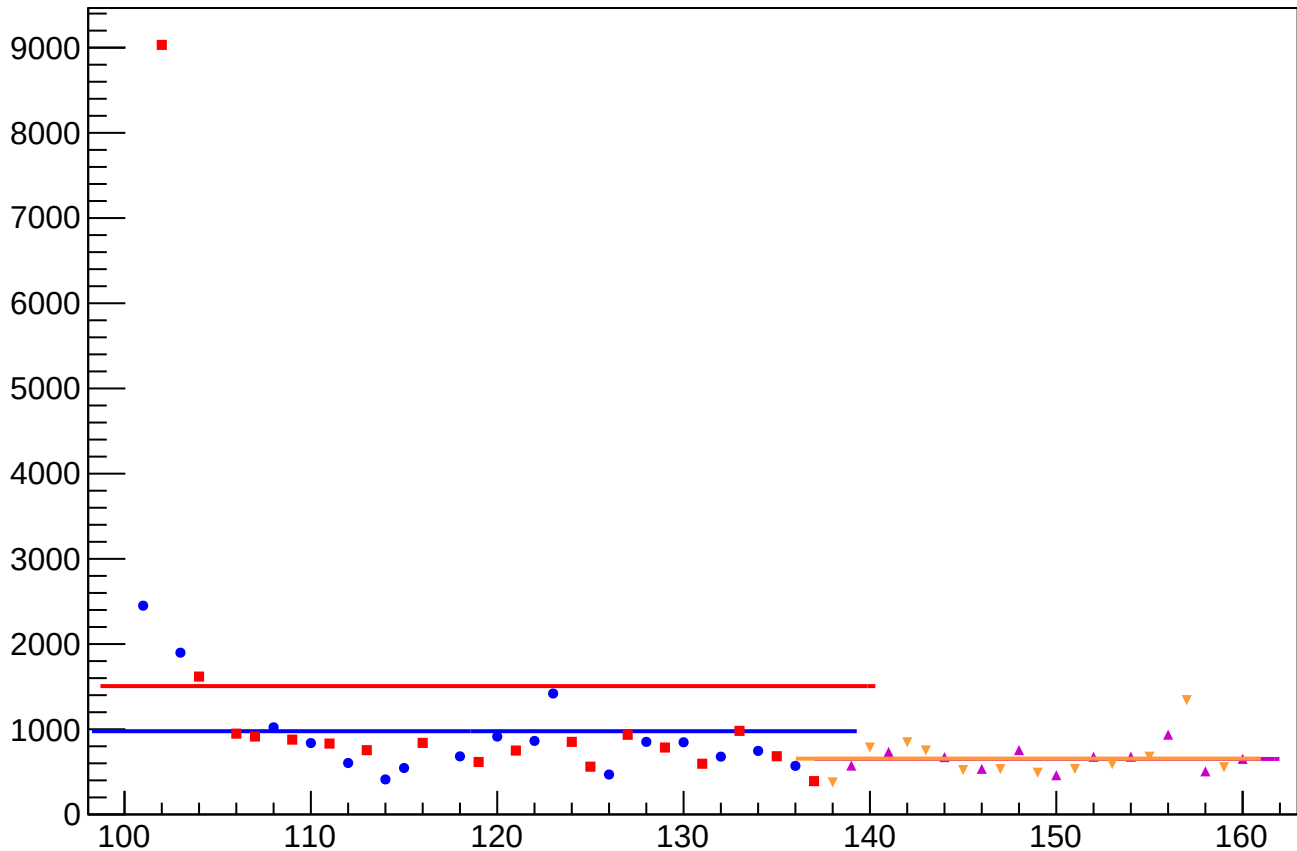
dit_atr2_coil3_mean vs Slug



Right In: -3104.086+/-0.000	χ^2/NDF : 2219830093322908449503226232551283621888.0/16
Left Out: -6954.312+/-0.000	χ^2/NDF : 1136997499681278393426195734690374090752.0/11
Right Out: -2904.095+/-0.000	χ^2/NDF : 863466592603439885705858083509569060864.0/17
Left In: -7258.241+/-0.000	χ^2/NDF : 401725539598456185043422844347240939520.0/10

+ sign -5287.402+/-0.000 χ^2/NDF : 9190770681554
 All: -5328.844+/-0.000 χ^2/NDF : 1813565160
 - sign -5369.155+/-0.000 χ^2/NDF : 8939449942209

dit_atr2_coil3_err_mean vs Slug



Right In: 977.095+/-0.000 χ^2/NDF : 229572106069348964280530708212477853696.0/16

Left Out: 655.166+/-0.000 χ^2/NDF : 51874874251518032023744139034586251264.0/11

Right Out: 1506.543+/-0.000 χ^2/NDF : 3621204096431683433019783695973291655168.0/17

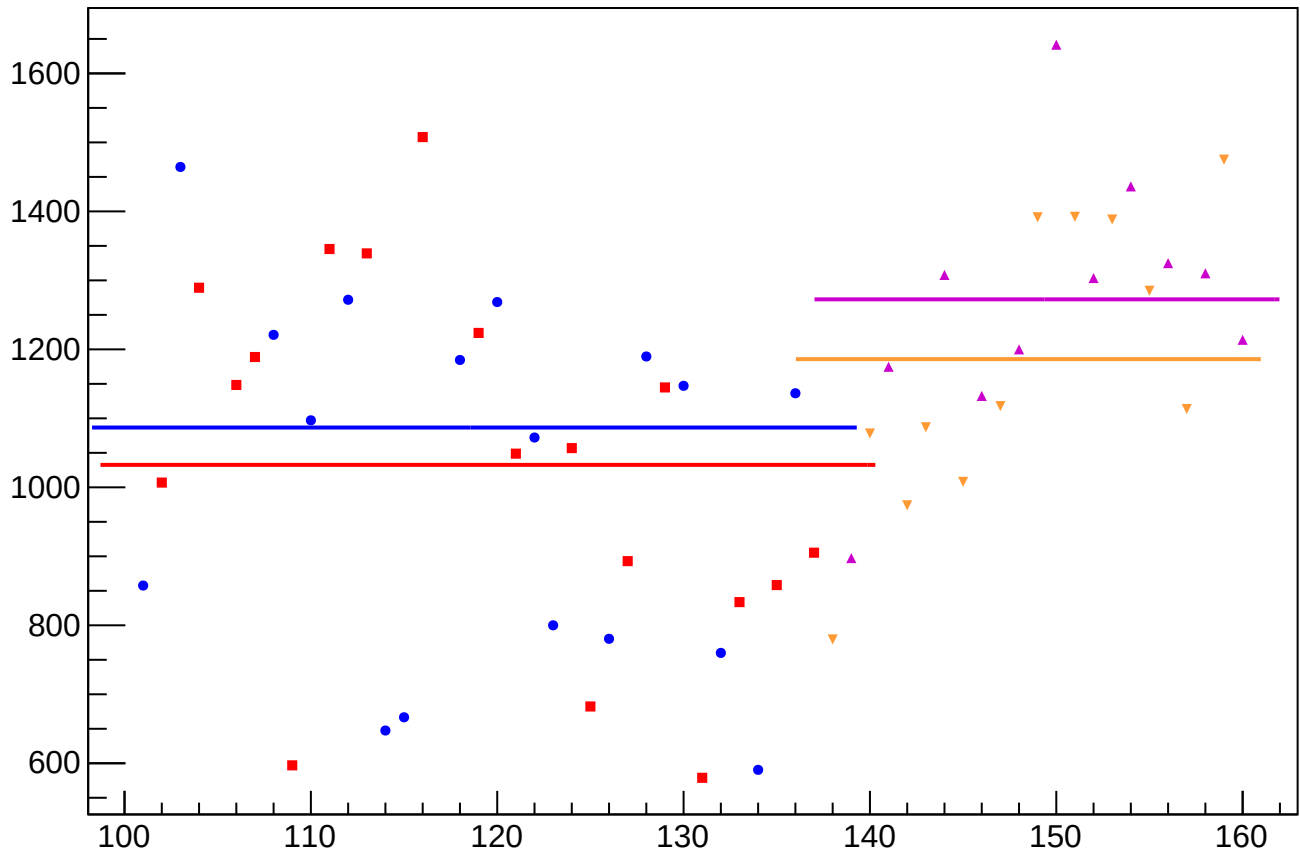
Left In: 651.533+/-0.000 χ^2/NDF : 14771751730893507411820547842989096960.0/10

+ sign 794.541+/-0.000 χ^2/NDF : 322232750096570

All: 910.092+/-0.000 χ^2/NDF : 429634936152

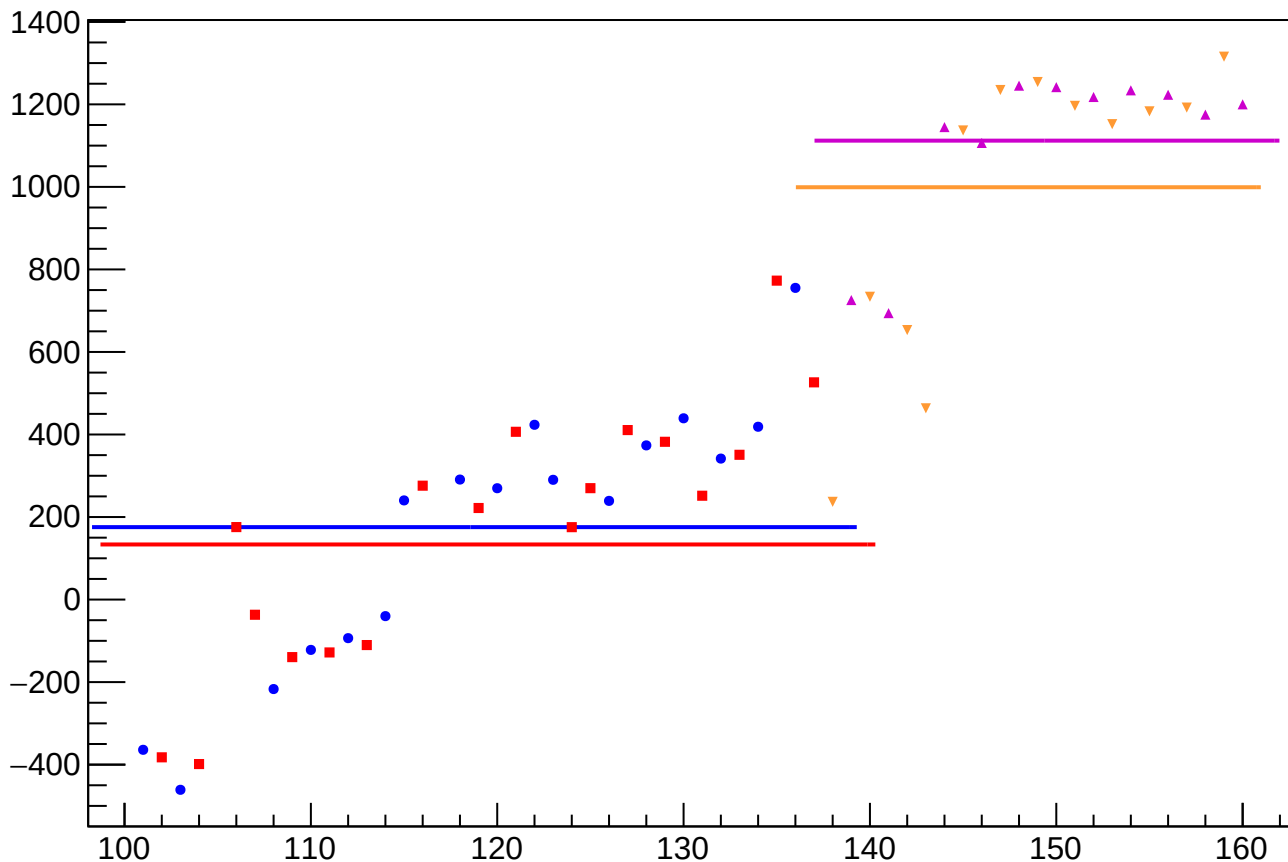
- sign 1022.487+/-0.000 χ^2/NDF : 39318948285965

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10
 All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682
 + sign 1142.906 $\pm$ 0.000 χ^2 /NDF: 76037619994785
 - sign 1168.390 $\pm$ 0.000 χ^2 /NDF: 10079953084874

dit_sam1_coil3_mean vs Slug



Right In: 175.537+/-0.000 χ^2/NDF : 95726276788203913105887314540463390720.0/16

Left Out: 999.146+/-0.000 χ^2/NDF : 105564366035075461974618801527085596672.0/11

Right Out: 133.524+/-0.000 χ^2/NDF : 76029583873433989388564211432616361984.0/17

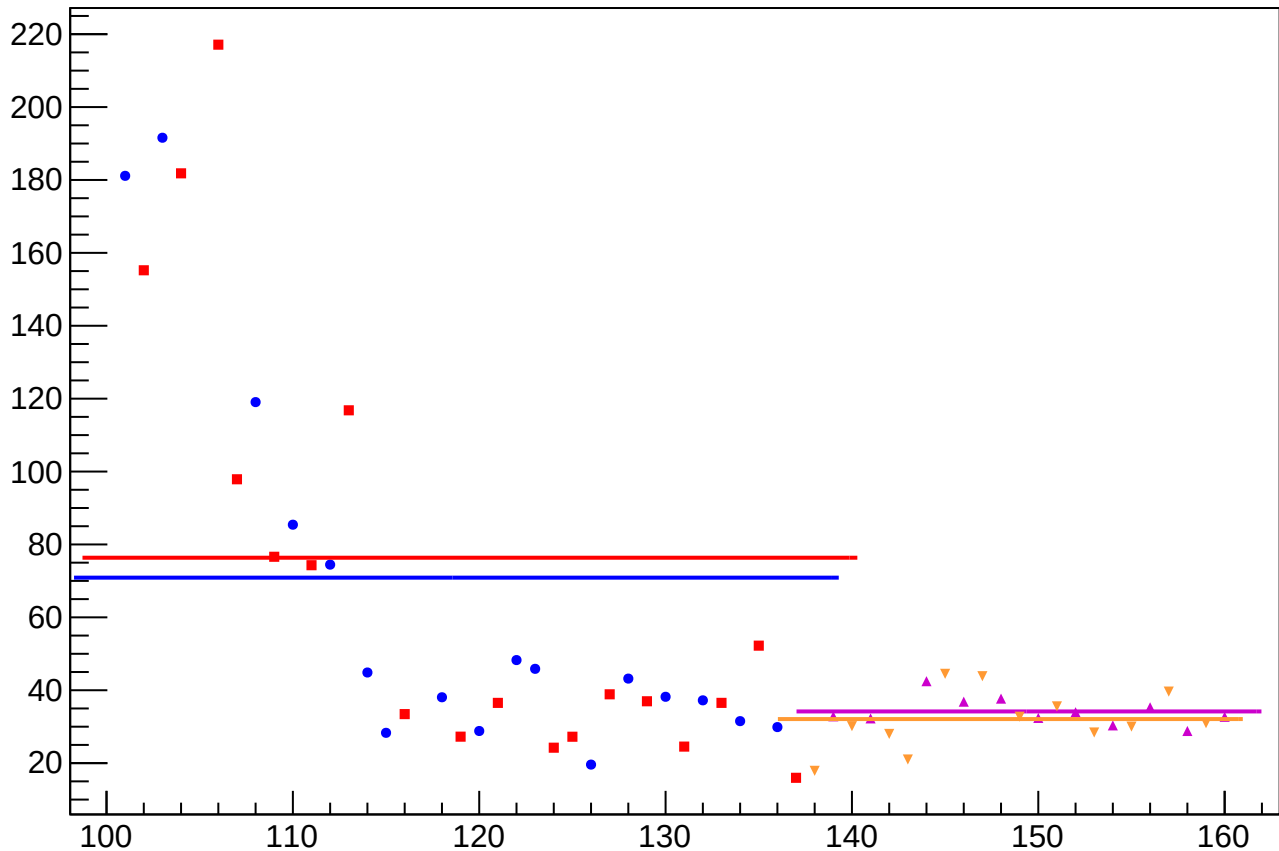
Left In: 1112.074+/-0.000 χ^2/NDF : 34304488318555265110633397434623983616.0/10

+ sign 642.574+/-0.000 χ^2/NDF : 468241907498970

All: 665.359+/-0.000 χ^2/NDF : 967829469596

- sign 687.521+/-0.000 χ^2/NDF : 497945950535614

dit_sam1_coil3_err_mean vs Slug



Right In: 70.892+/-0.000 χ^2/NDF : 2275734493854200628376973265629872128.0/16

Left Out: 32.091+/-0.000 χ^2/NDF : 54625109486428917738965927425212416.0/11

Right Out: 76.360+/-0.000 χ^2/NDF : 2382375226603203691068269213188620288.0/17

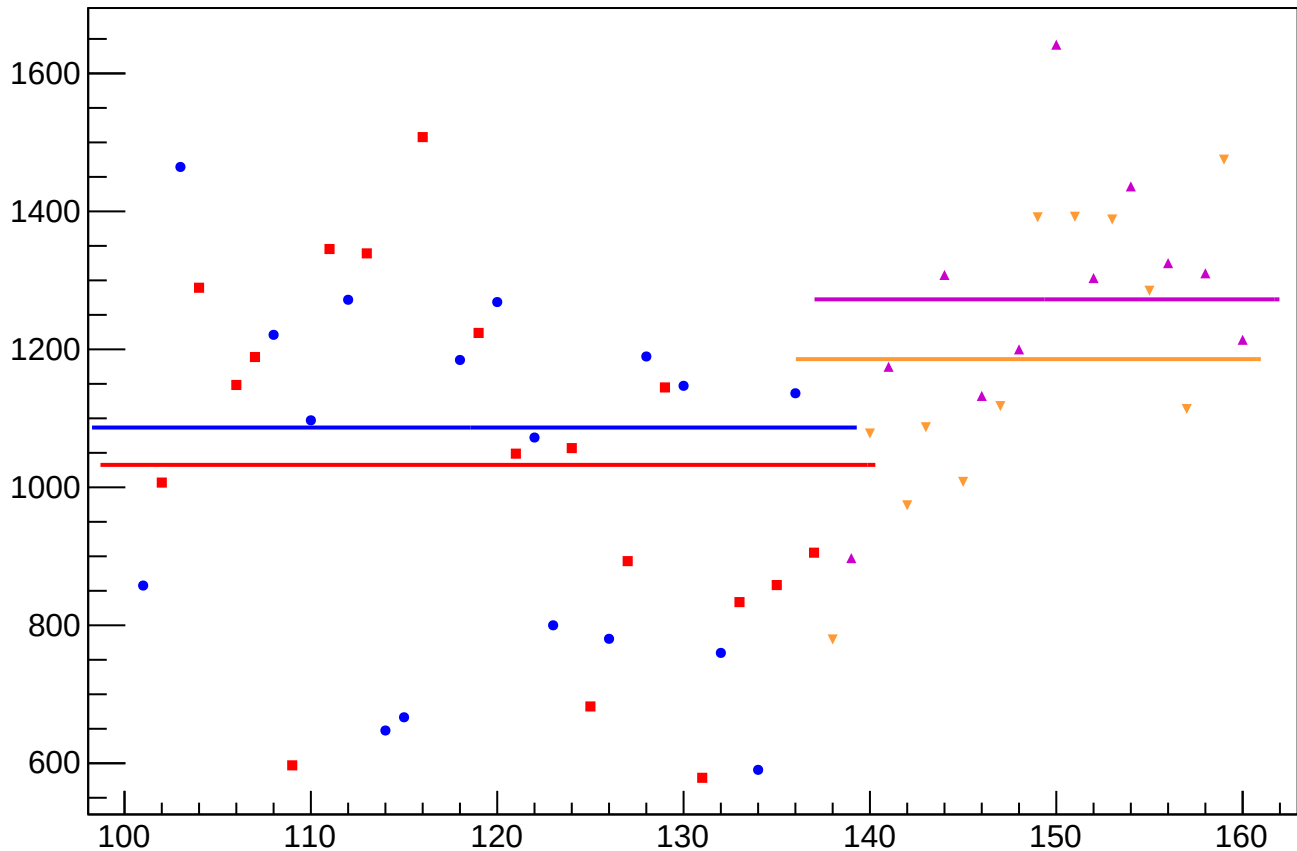
Left In: 34.184+/-0.000 χ^2/NDF : 12426918146189706802189676664848384.0/10

+ sign 48.890+/-0.000 χ^2/NDF : 2922849558667242

All: 50.711+/-0.000 χ^2/NDF : 6048160583171

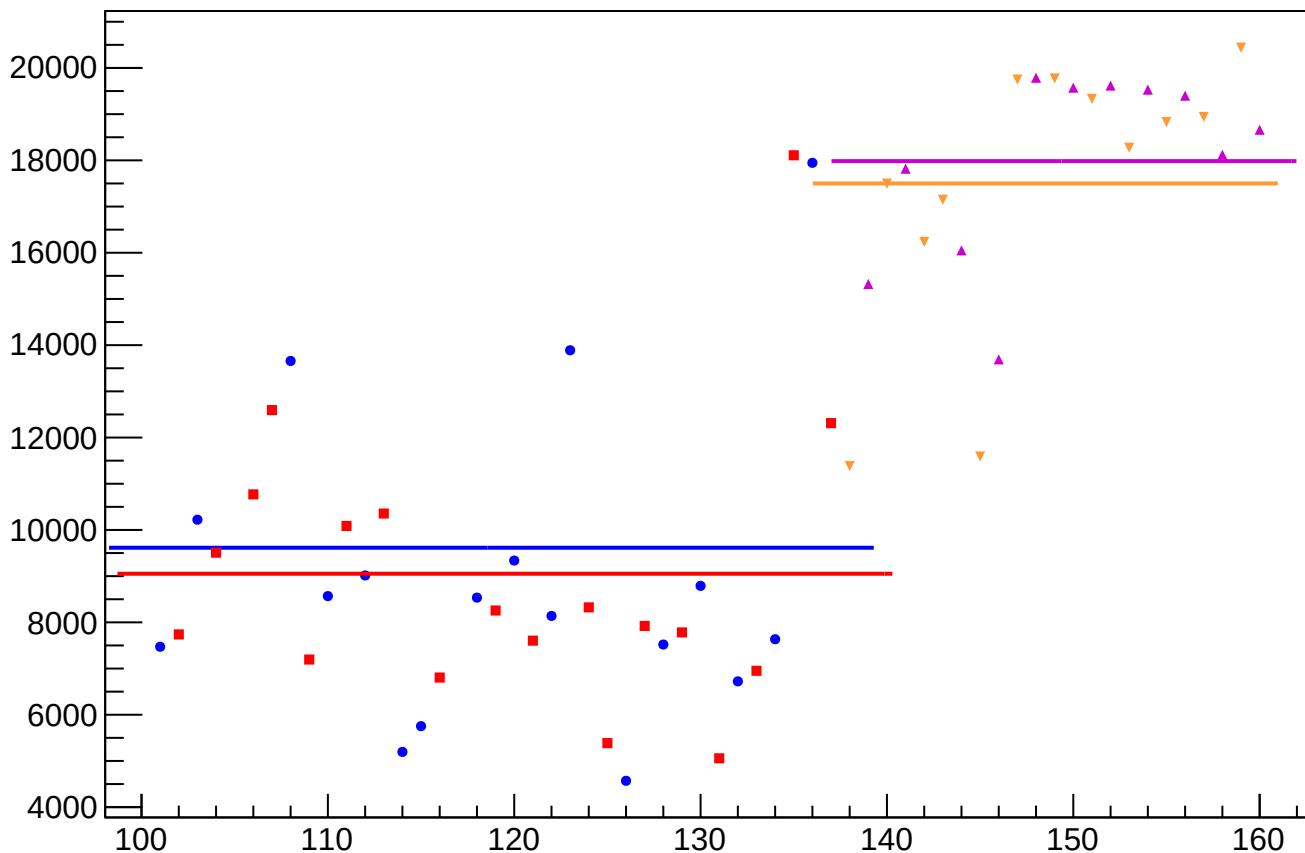
- sign 52.483+/-0.000 χ^2/NDF : 3114822076713713

dit_sam1_coil3_Ndata_mean vs Slug



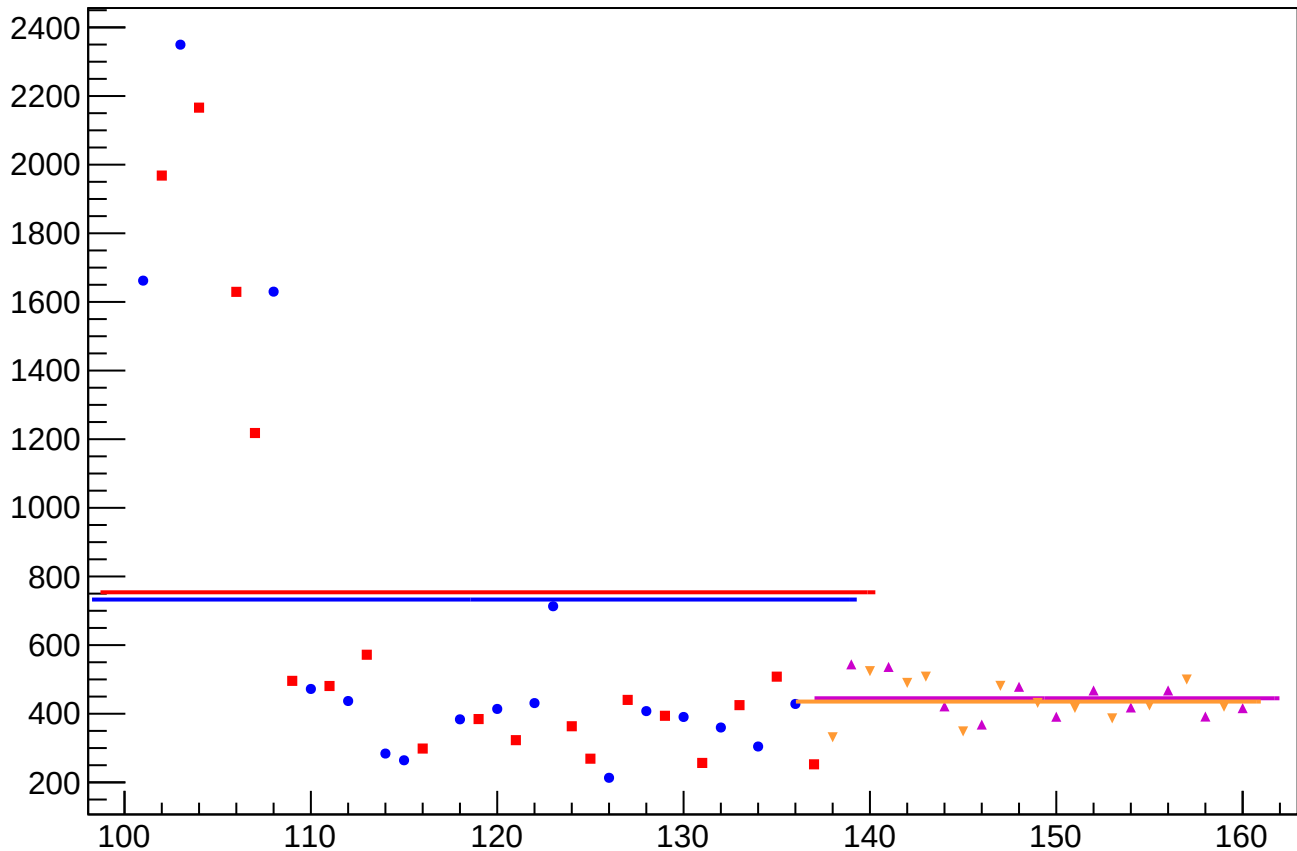
Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10
 All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682
 + sign 1142.906 $\pm$ 0.000 χ^2 /NDF: 76037619994785
 - sign 1168.390 $\pm$ 0.000 χ^2 /NDF: 10079953084874

dit_sam2_coil3_mean vs Slug



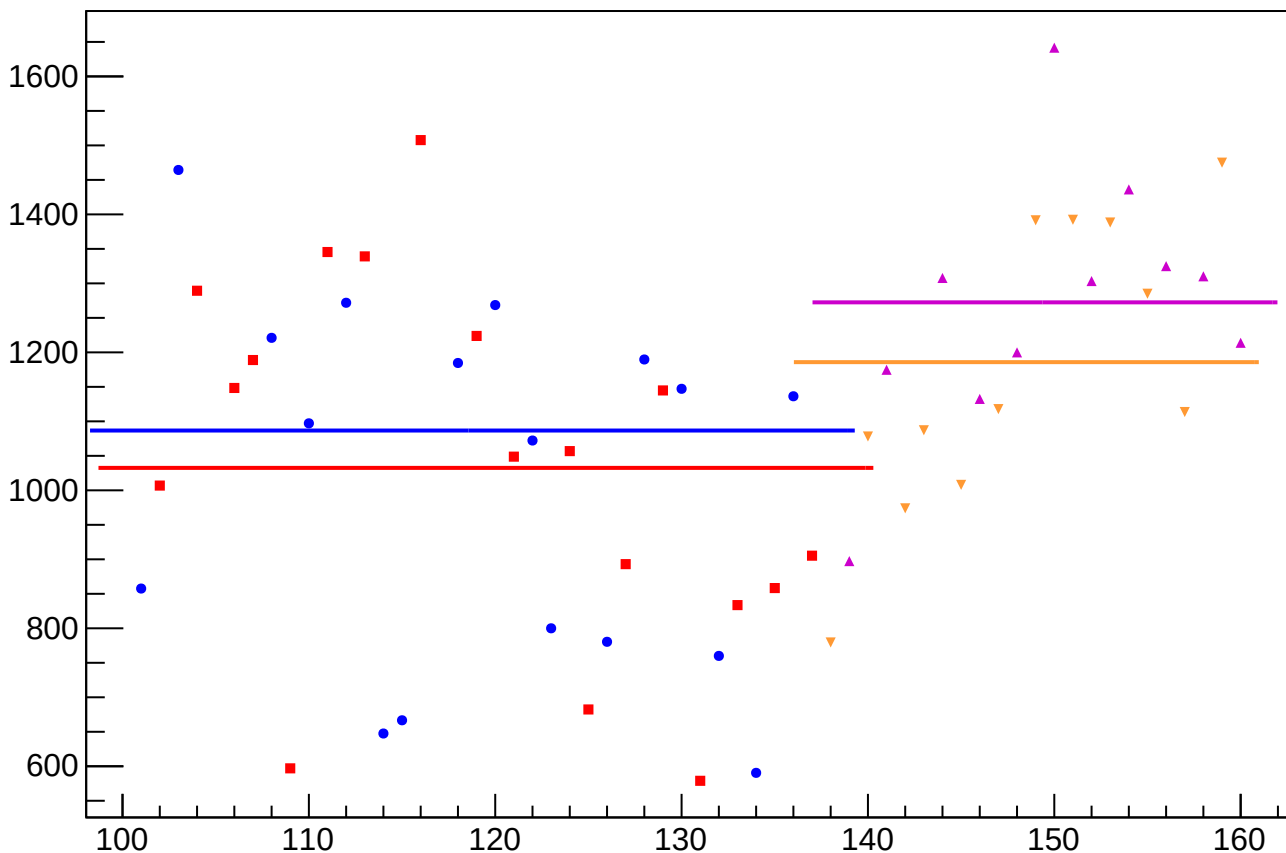
Right In: 9614.932+/-0.000 χ^2/NDF : 9450588438014082769578324832201526476800.0/16
 Left Out: 17500.786+/-0.000 χ^2/NDF : 7846813012026023217295297642858706632704.0/11
 Right Out: 9052.441+/-0.000 χ^2/NDF : 6723672544856808135538254172135519944704.0/17
 Left In: 17983.189+/-0.000 χ^2/NDF : 3584595715288567917039077291852254150656.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 732.742 $\pm$ 0.000 χ^2 /NDF: 301740459340268060292037793871684435968.0/16
 Left Out: 435.461 $\pm$ 0.000 χ^2 /NDF: 3296772866704872156721083756341886976.0/11
 Right Out: 753.888 $\pm$ 0.000 χ^2 /NDF: 288199108578840040054796930815893700608.0/17
 Left In: 445.056 $\pm$ 0.000 χ^2 /NDF: 2842998762330216596366474874240106496.0/10

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1086.695 +/- 0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823 +/- 0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544 +/- 0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

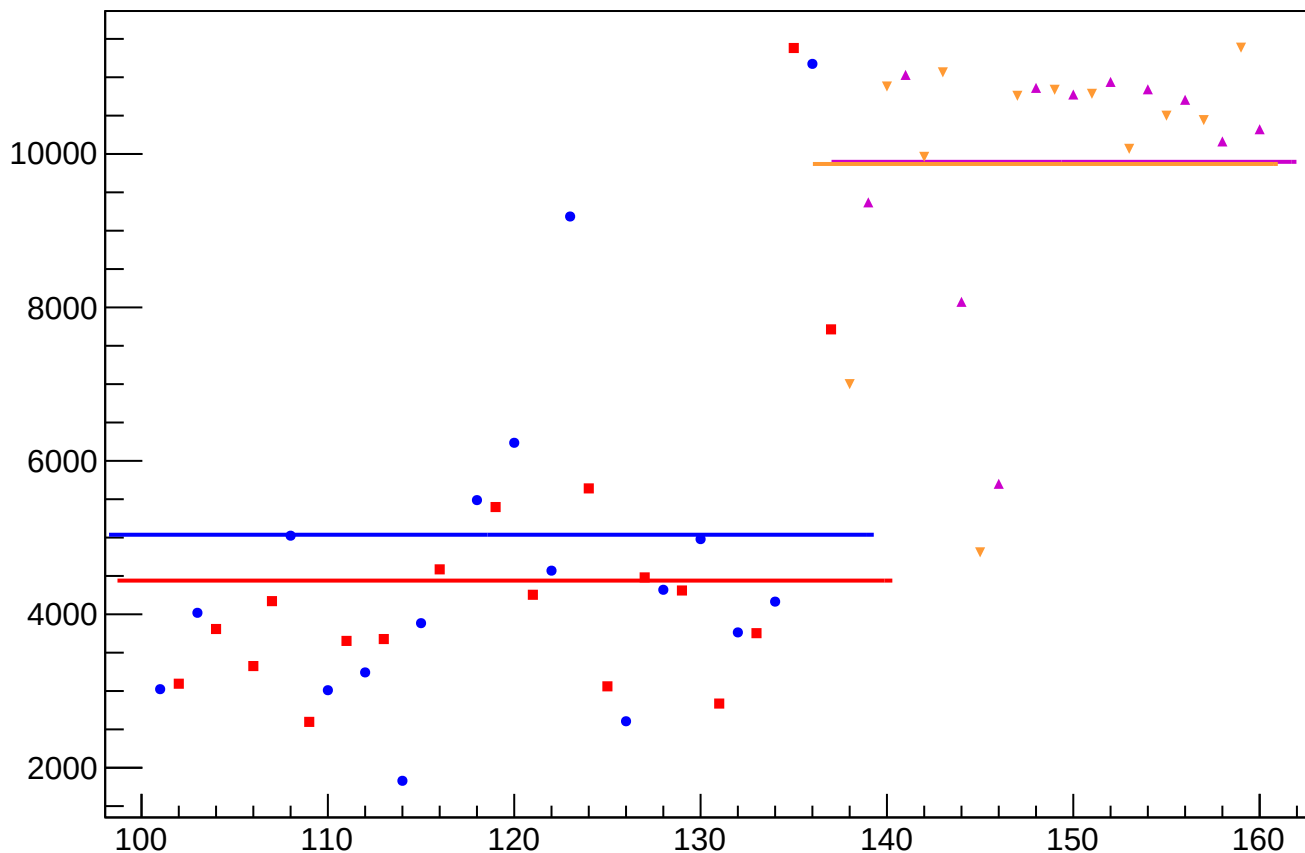
Left In: 1272.495 +/- 0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

All: 1155.825 +/- 0.000 χ^2/NDF : 17736486682

+ sign 1142.906 +/- 0.000 χ^2/NDF : 76037619994785

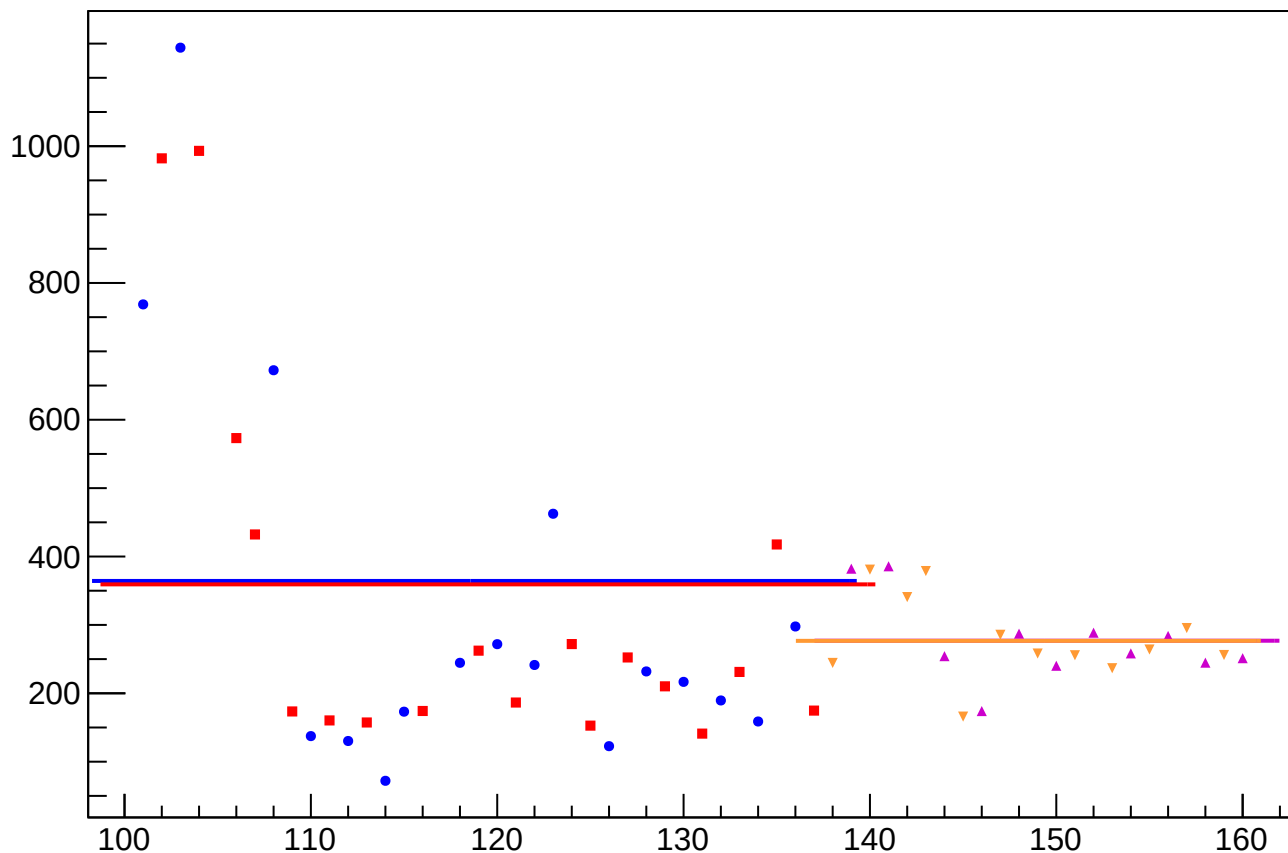
- sign 1168.390 +/- 0.000 χ^2/NDF : 10079953084874

dit_sam3_coil3_mean vs Slug



Right In: 5037.073+/-0.000 χ^2/NDF : 4548828903802726251449084375770641465344.0/16
 Left Out: 9869.728+/-0.000 χ^2/NDF : 3268331225481673138710181152096956448768.0/11
 Right Out: 4439.378+/-0.000 χ^2/NDF : 3162947435976288372848793793706623762432.0/17
 Left In: 9897.674+/-0.000 χ^2/NDF : 2284840032345360361829819012042190749696.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 364.277+/-0.000 χ^2/NDF : 63824164232416453329464402315619336192.0/16

+ sign 314.613+/-0.000 χ^2/NDF : 699348999642394

Left Out: 276.695+/-0.000 χ^2/NDF : 3092021868462031371777841065866821632.0/11

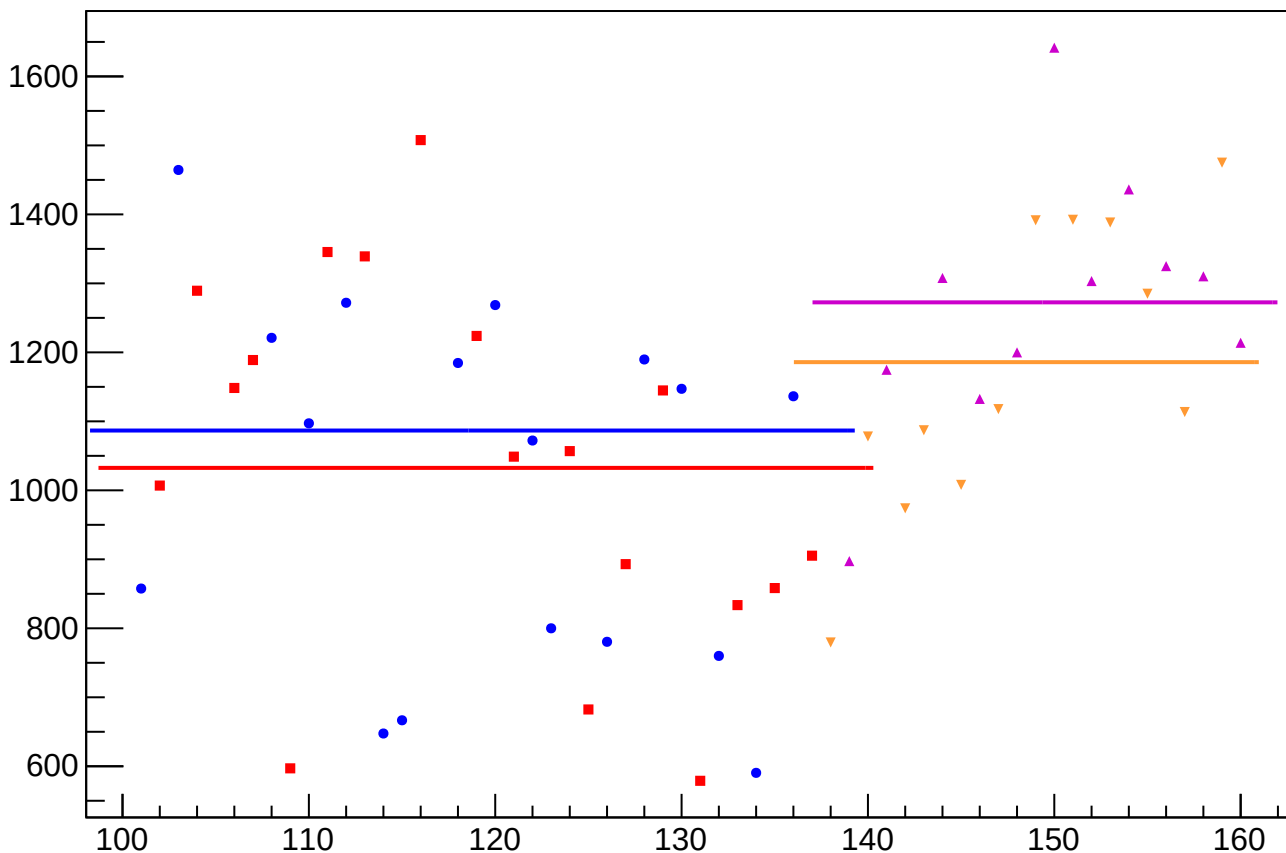
All: 313.609+/-0.000 χ^2/NDF : 134669249845

Right Out: 359.283+/-0.000 χ^2/NDF : 58838911094170702852650084457083043840.0/17

- sign 312.632+/-0.000 χ^2/NDF : 647311632661651

Left In: 276.882+/-0.000 χ^2/NDF : 3143786563000529318336573721943212032.0/10

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16

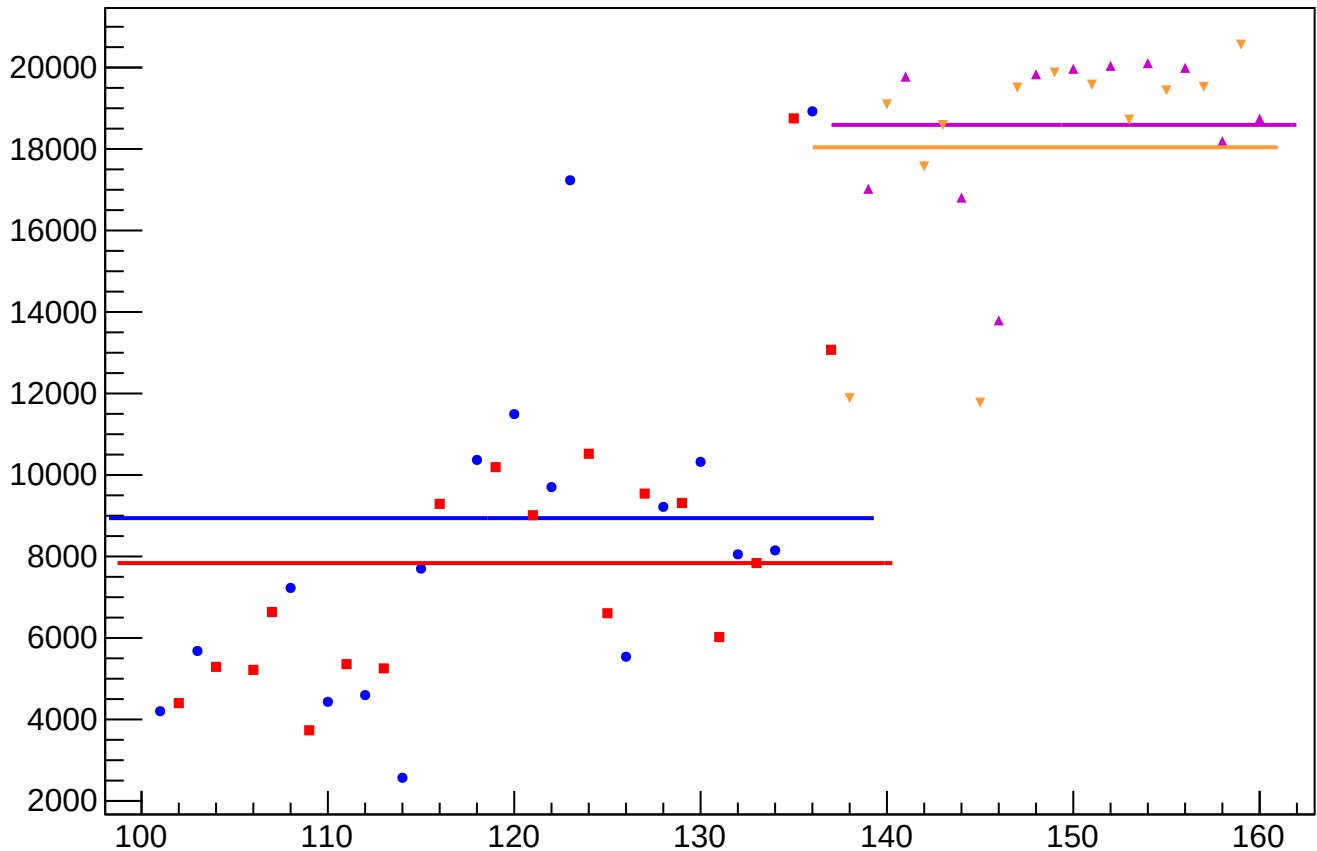
Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11

Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17

Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

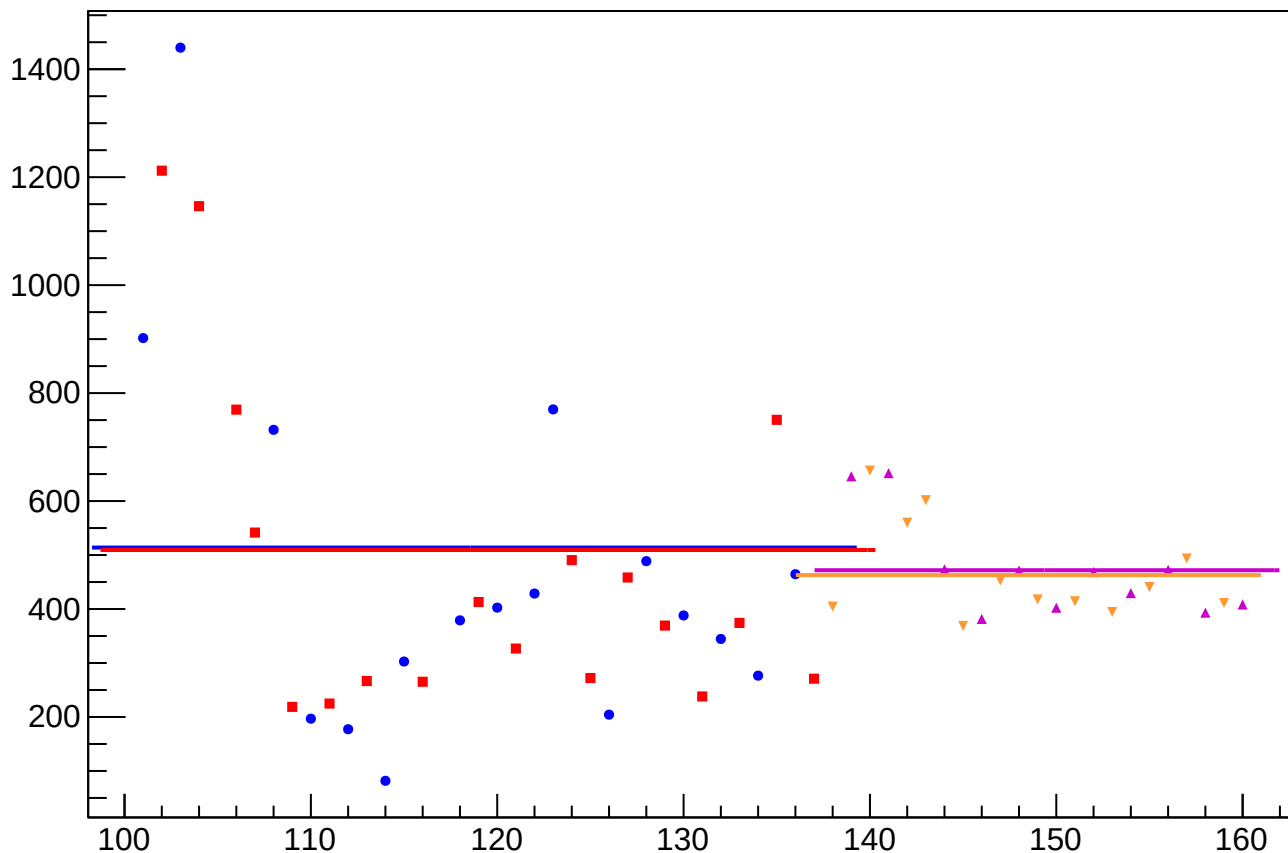
All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682

dit_sam4_coil3_mean vs Slug



Right In: 8940.709+/-0.000 χ^2/NDF : 14252298982323079680975069701388839682048.0/16
 Left Out: 18042.230+/-0.000 χ^2/NDF : 7640646522897487857135230772113708154880.0/11
 Right Out: 7838.226+/-0.000 χ^2/NDF : 9846913896882704140251290027429415878656.0/17
 Left In: 18591.547+/-0.000 χ^2/NDF : 3373827841621741048896229754913272365056.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 513.843 ± 0.000 $\chi^2/\text{NDF}: 82523650579604289792107532326249955328.0/16$

Left Out: 462.844 ± 0.000 $\chi^2/\text{NDF}: 6830648525623684817395137022896635904.0/11$

Right Out: 509.362 ± 0.000 $\chi^2/\text{NDF}: 75678926781858707627162203023281750016.0/17$

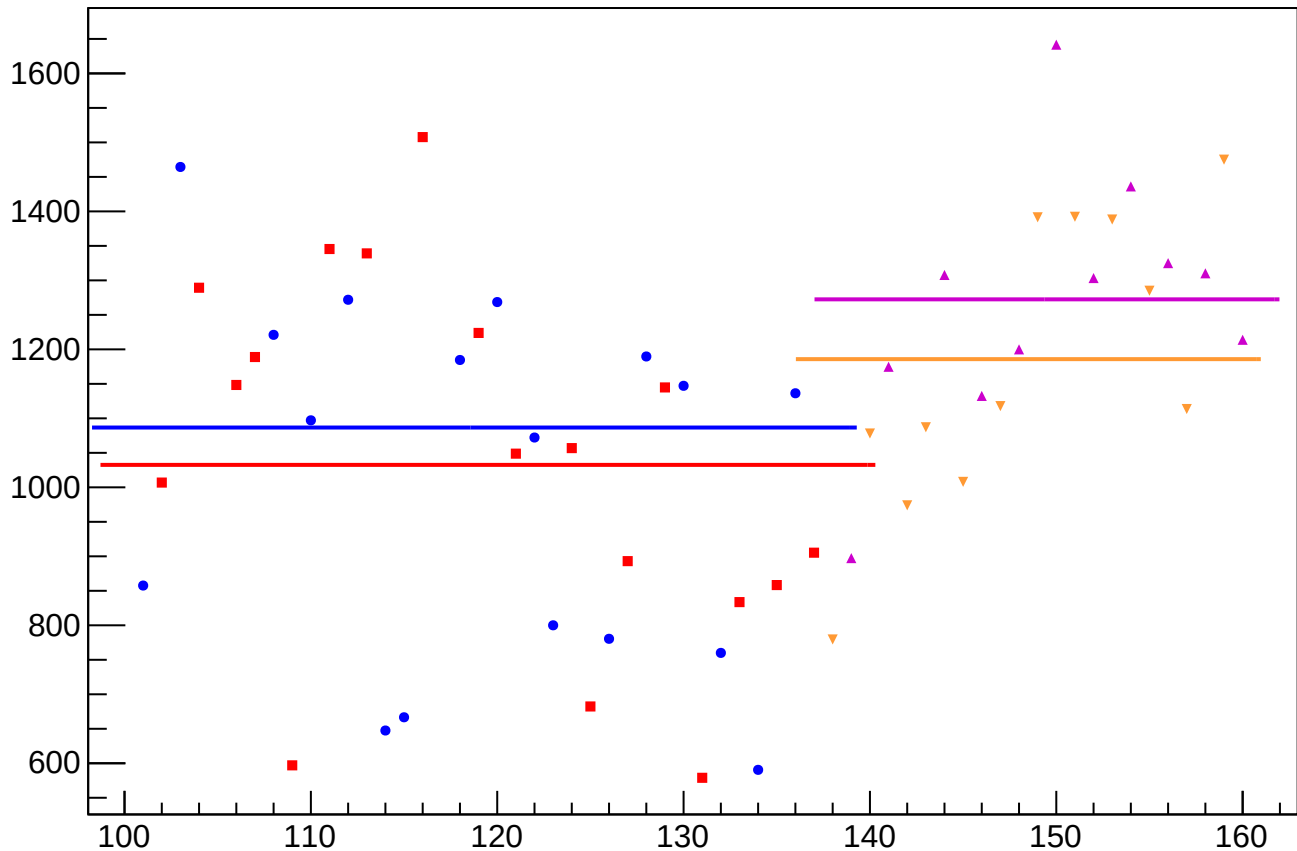
Left In: 471.889 ± 0.000 $\chi^2/\text{NDF}: 7312350507184124665031072386098659328.0/10$

All: 486.558 ± 0.000 $\chi^2/\text{NDF}: 173945975493$

+ sign: 484.924 ± 0.000 $\chi^2/\text{NDF}: 903778441128844$

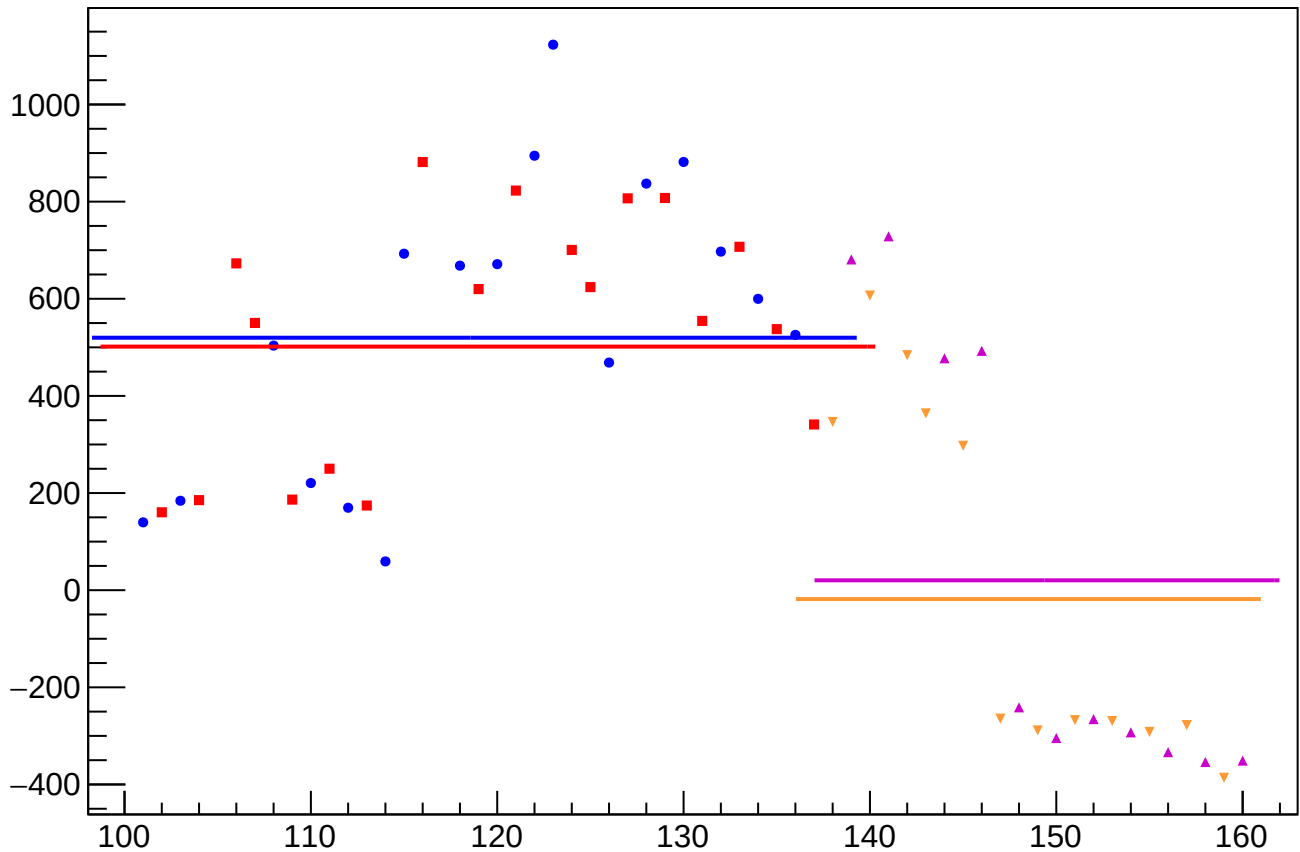
- sign: 488.147 ± 0.000 $\chi^2/\text{NDF}: 835596883416508$

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10
 All: 1155.825+/-0.000 χ^2/NDF : 17736486682
 + sign 1142.906+/-0.000 χ^2/NDF : 76037619994785
 - sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam5_coil3_mean vs Slug



Right In: 519.845+/-0.000 χ^2/NDF : 50391712122122241983004017290687545344.0/16

+ sign 214.715+/-0.000 χ^2/NDF : 278712564493039

Left Out: -18.246+/-0.000 χ^2/NDF : 114374265303636923998653923051335319552.0/11

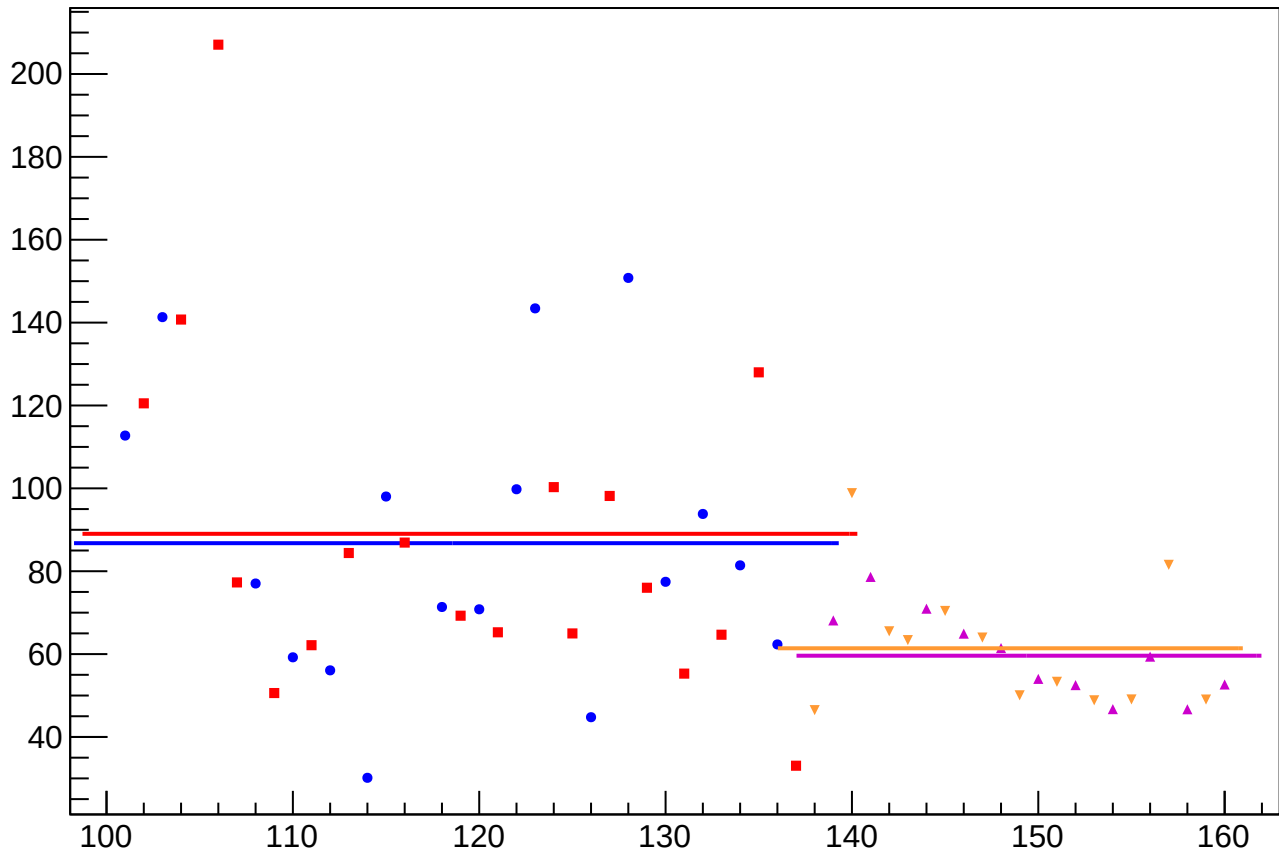
All: 222.007+/-0.000 χ^2/NDF : 597278728263

Right Out: 501.527+/-0.000 χ^2/NDF : 45593938816418547057443342639695921152.0/17

- sign 229.100+/-0.000 χ^2/NDF : 318398000001888

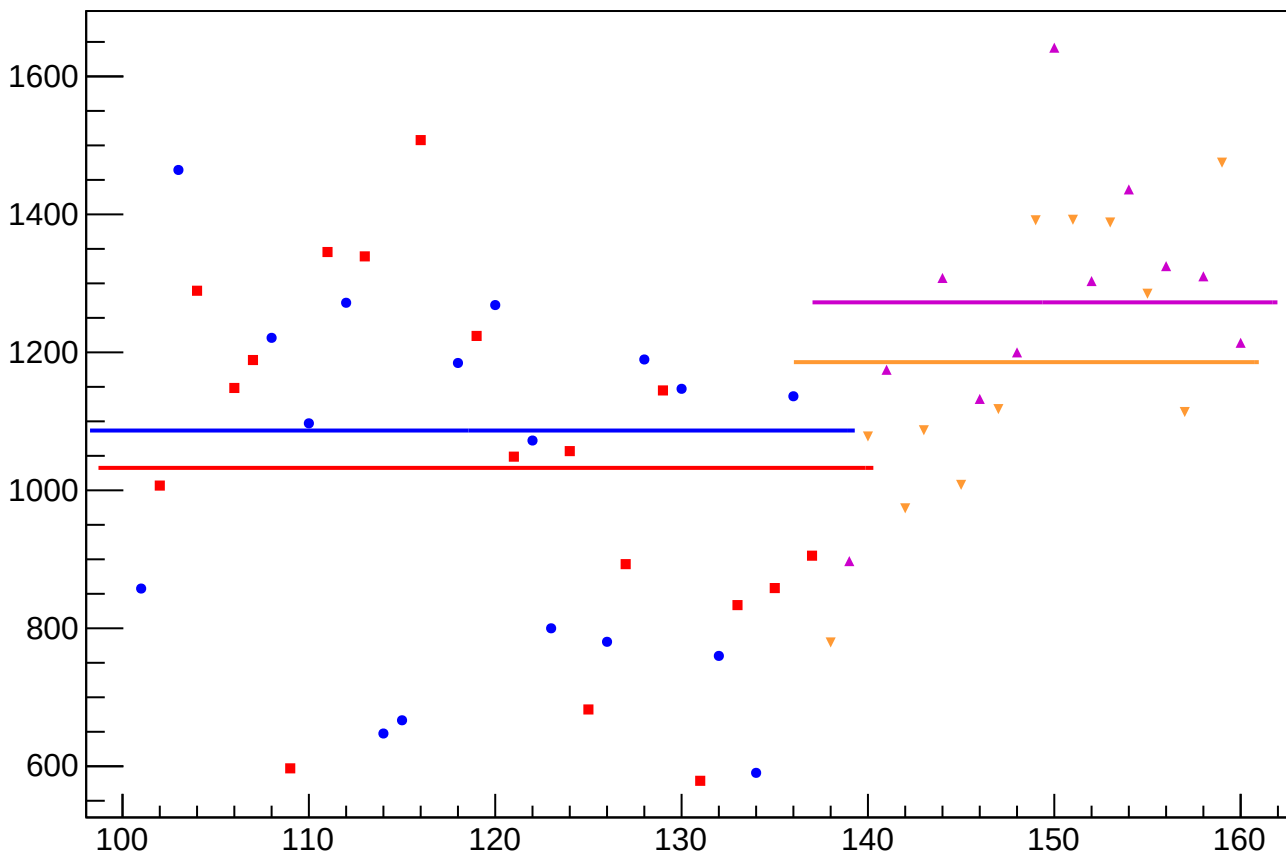
Left In: 20.328+/-0.000 χ^2/NDF : 179073709967558112986870071766256975872.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 86.768+/-0.000	χ^2/NDF : 727044528904958232730586242846031872.0/16	+ sign 72.384+/-0.000	χ^2/NDF : 1204145407859687
Left Out: 61.403+/-0.000	χ^2/NDF : 223902255538930337202441578161897472.0/11	All: 72.379+/-0.000	χ^2/NDF : 2659416943751
Right Out: 89.028+/-0.000	χ^2/NDF : 1014702057025769592460755223634247680.0/17	- sign 72.374+/-0.000	χ^2/NDF : 1455271447529364
Left In: 59.611+/-0.000	χ^2/NDF : 90277020610973878591704182850322432.0/10		

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

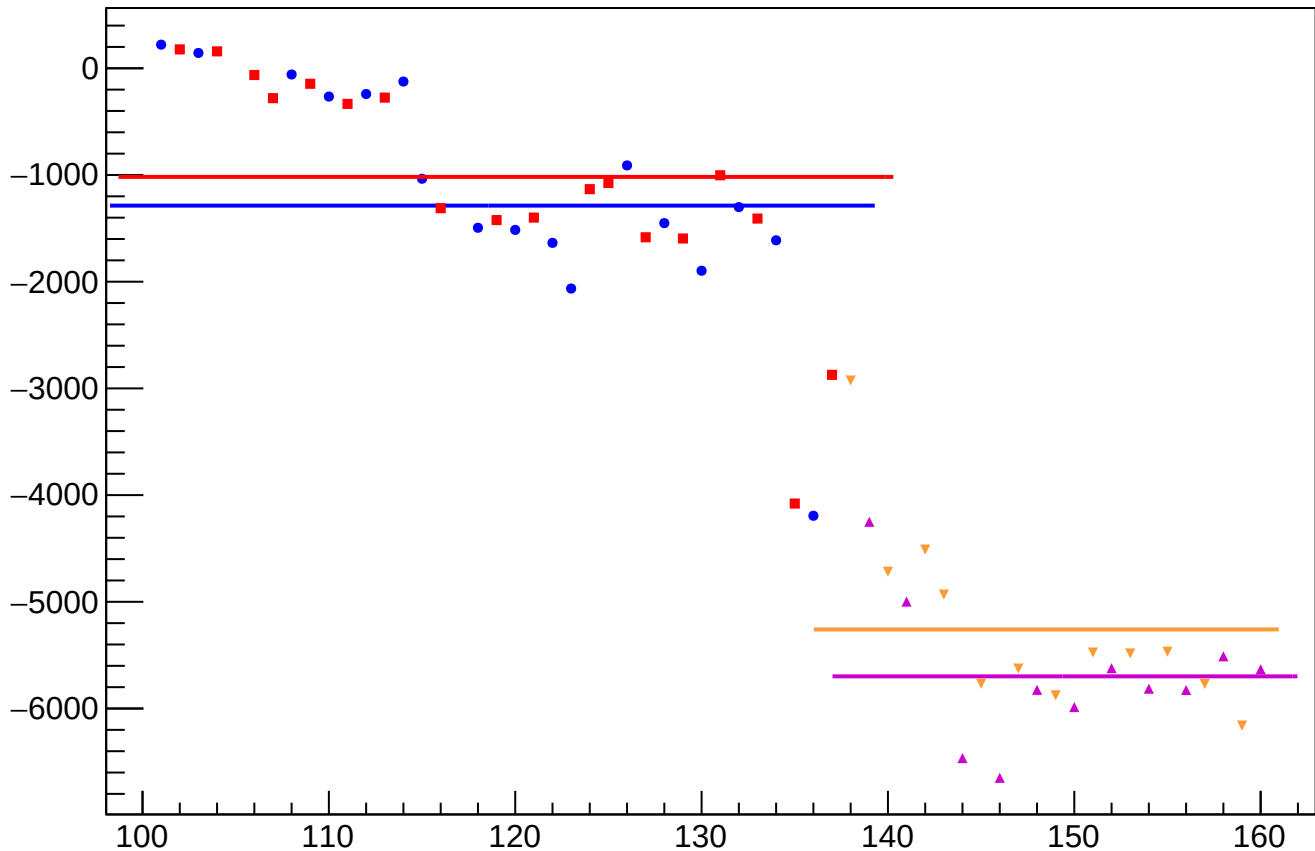
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

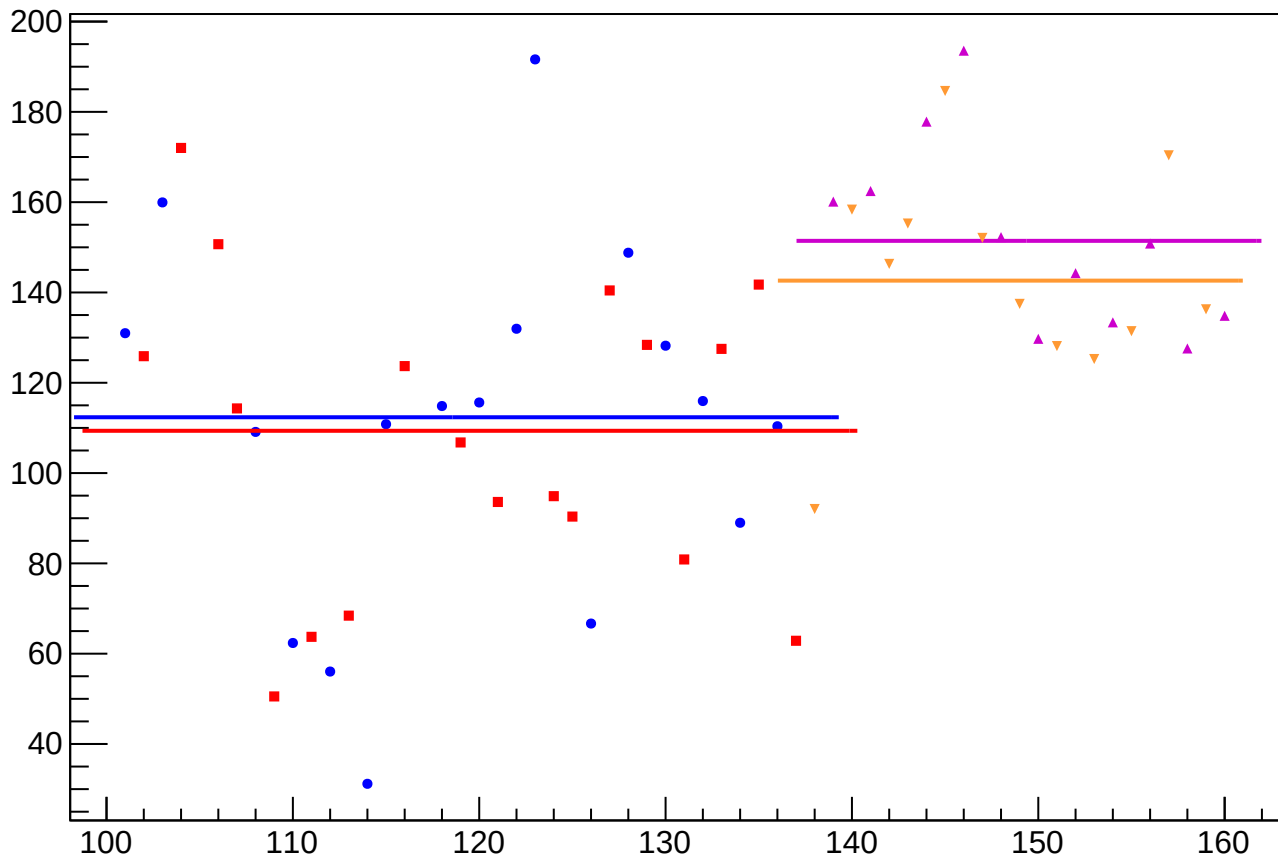
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam6_coil3_mean vs Slug



Right In: -1287.018+/-0.000	χ^2/NDF : 1204676715439313496734702006985495150592.0/16
Left Out: -5258.932+/-0.000	χ^2/NDF : 639767885689374953846002118656698351616.0/11
Right Out: -1017.680+/-0.000	χ^2/NDF : 852354346622995689266162288487263371264.0/17
Left In: -5698.540+/-0.000	χ^2/NDF : 354071828835191382316642971835621703680.0/10
+ sign -3539.339+/-0.000 χ^2/NDF : 8052986737379	
All: -3604.411+/-0.000 χ^2/NDF : 1814194905	
- sign -3667.706+/-0.000 χ^2/NDF : 10075572274658	

dit_sam6_coil3_err_mean vs Slug



Right In: 112.364 $\pm$ 0.000 χ^2 /NDF: 704132882376699060399654305188020224.0/16

Left Out: 142.624 $\pm$ 0.000 χ^2 /NDF: 490075896728839516785223596523913216.0/11

Right Out: 109.364 $\pm$ 0.000 χ^2 /NDF: 838845293661778137888588246433136640.0/17

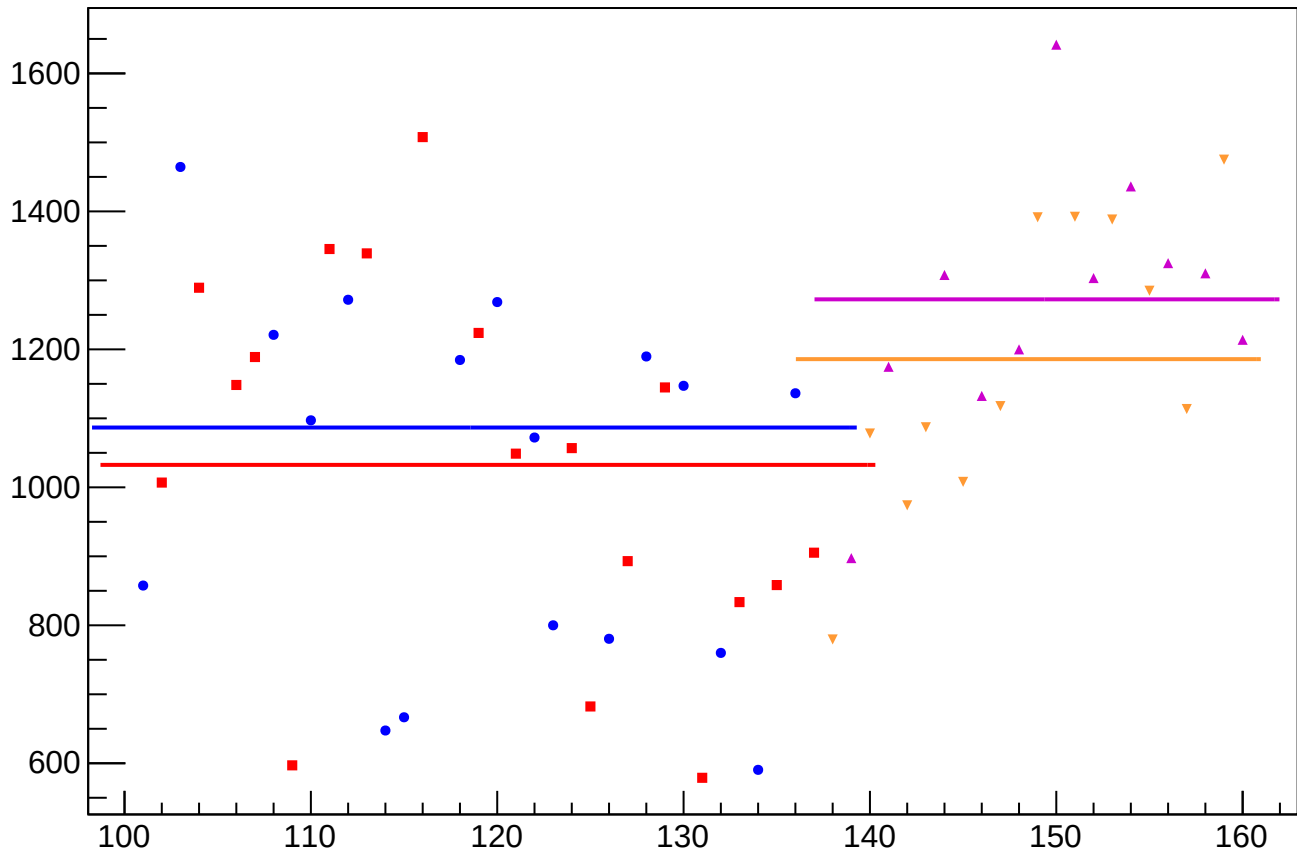
Left In: 151.432 $\pm$ 0.000 χ^2 /NDF: 371010449971260656611055665401561088.0/10

+ sign 129.523 $\pm$ 0.000 χ^2 /NDF: 155456813034748

All: 131.377 $\pm$ 0.000 χ^2 /NDF: 34916677428

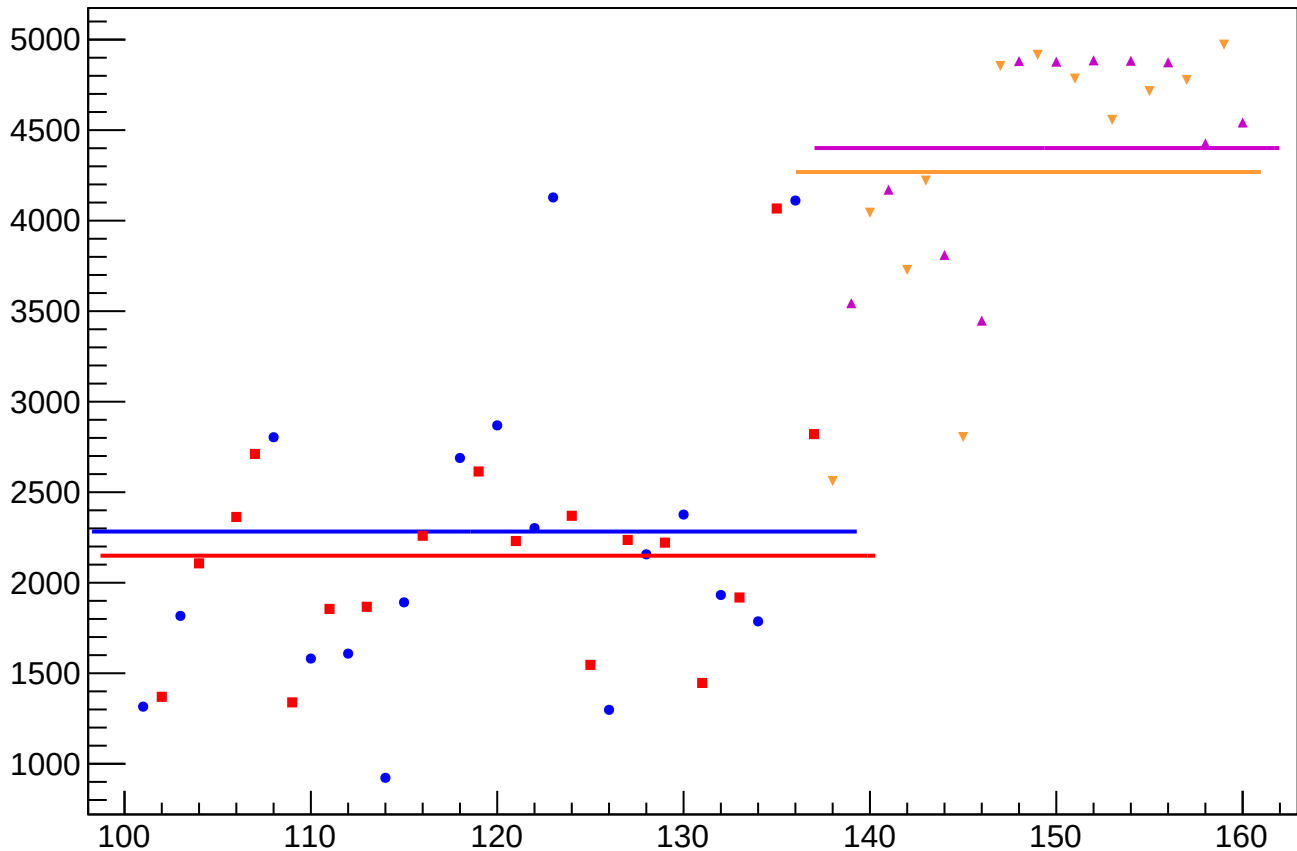
- sign 133.180 $\pm$ 0.000 χ^2 /NDF: 192623154221425

dit_sam6_coil3_Ndata_mean vs Slug



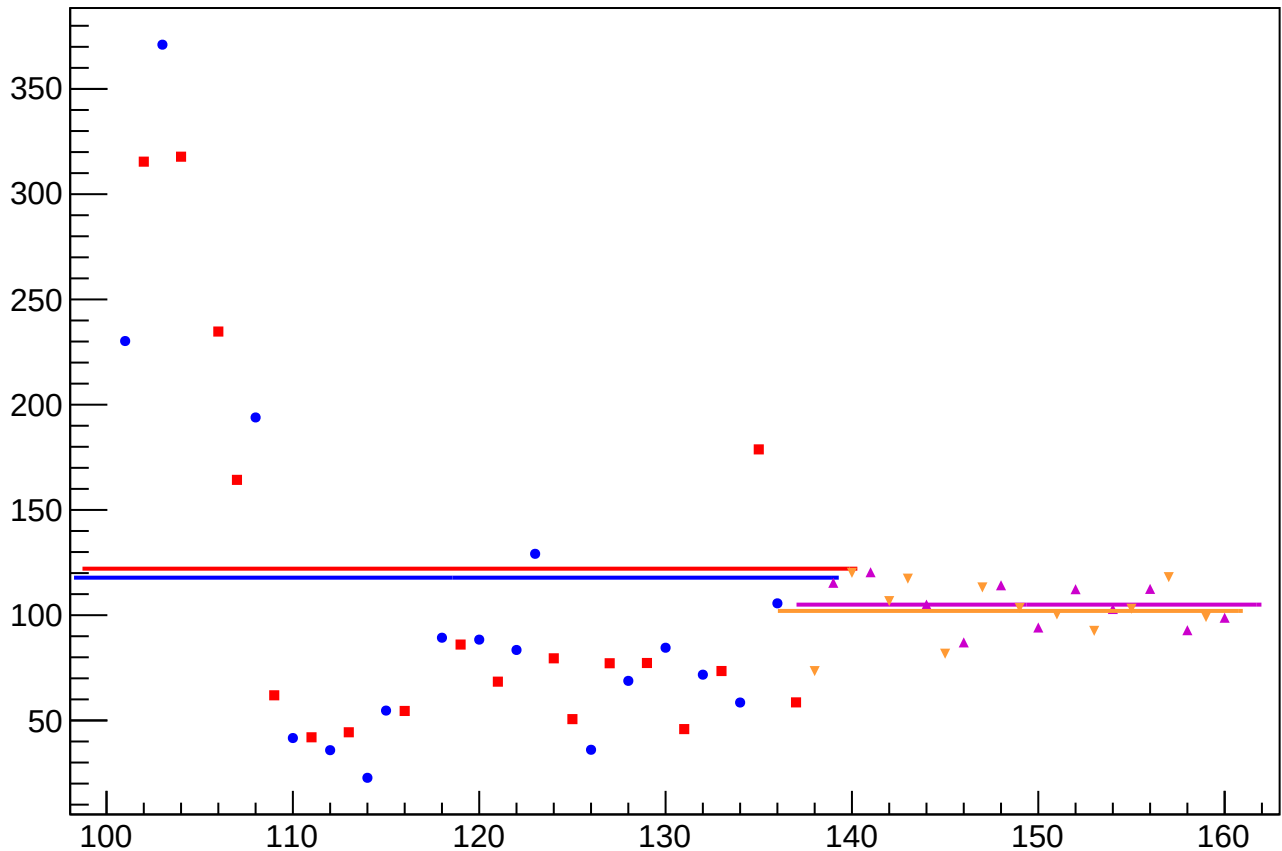
Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

dit_sam7_coil3_mean vs Slug



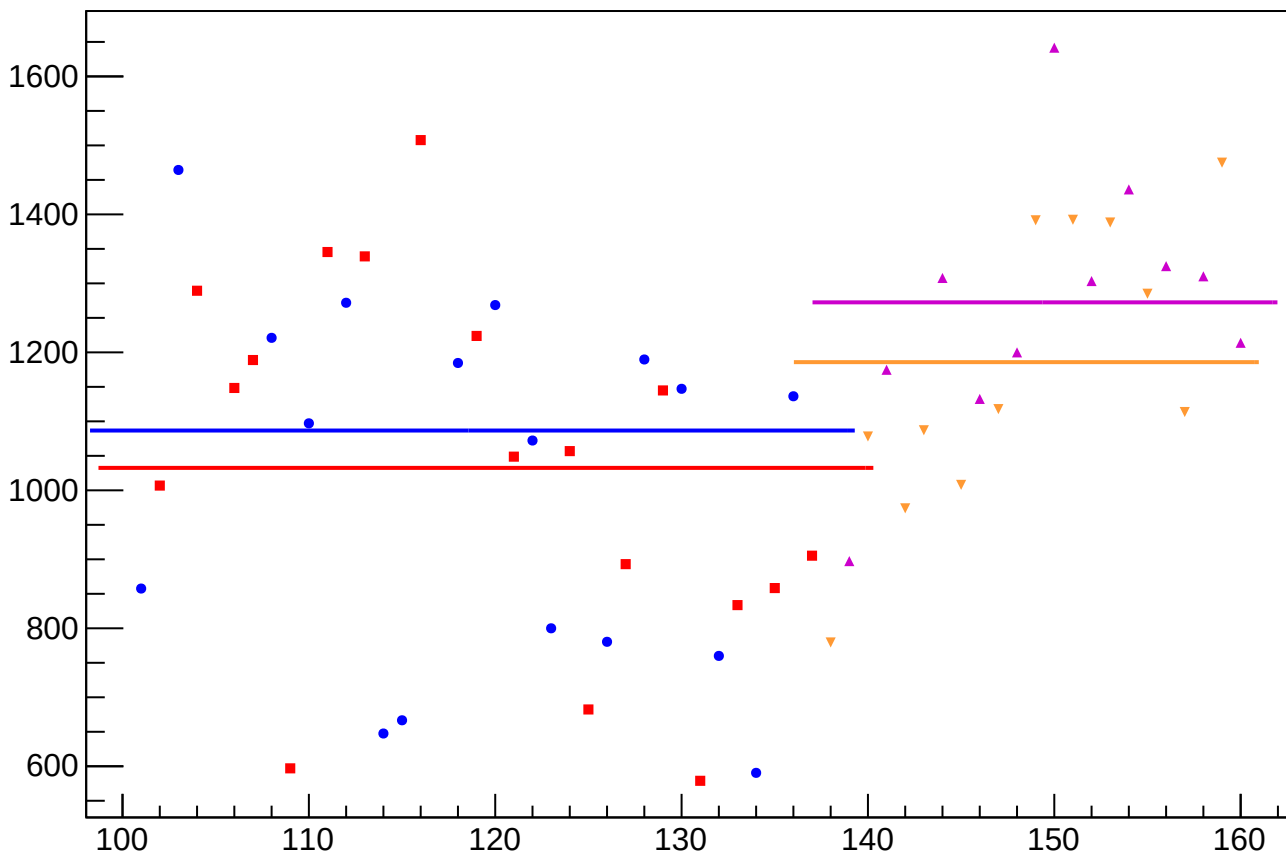
Right In: 2282.778+/-0.000	χ^2/NDF : 521869333583833068444115371437594771456.0/16	+ sign 3408.873+/-0.000	χ^2/NDF : 26501985285389
Left Out: 4268.620+/-0.000	χ^2/NDF : 576373438836983826408088908187698200576.0/11	All: 3416.605+/-0.000	χ^2/NDF : 52945556048
Right Out: 2149.386+/-0.000	χ^2/NDF : 320631411360836158094549979591860027392.0/17	- sign 3424.125+/-0.000	χ^2/NDF : 26441680407788
Left In: 4401.016+/-0.000	χ^2/NDF : 271313470445828573503909403246788083712.0/10		

dit_sam7_coil3_err_mean vs Slug



Right In: 117.825 $\pm$ 0.000 χ^2 /NDF: 6199421197695716182570916449760575488.0/16
 Left Out: 102.028 $\pm$ 0.000 χ^2 /NDF: 177124098717282134999436009607790592.0/11
 Right Out: 122.099 $\pm$ 0.000 χ^2 /NDF: 6546124684147045667679194482005245952.0/17
 Left In: 105.016 $\pm$ 0.000 χ^2 /NDF: 98103905520424947900201643718737920.0/10
 All: 110.672 $\pm$ 0.000 χ^2 /NDF: 132474040970
 + sign 108.867 $\pm$ 0.000 χ^2 /NDF: 647475111773895
 - sign 112.428 $\pm$ 0.000 χ^2 /NDF: 676235347012403

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

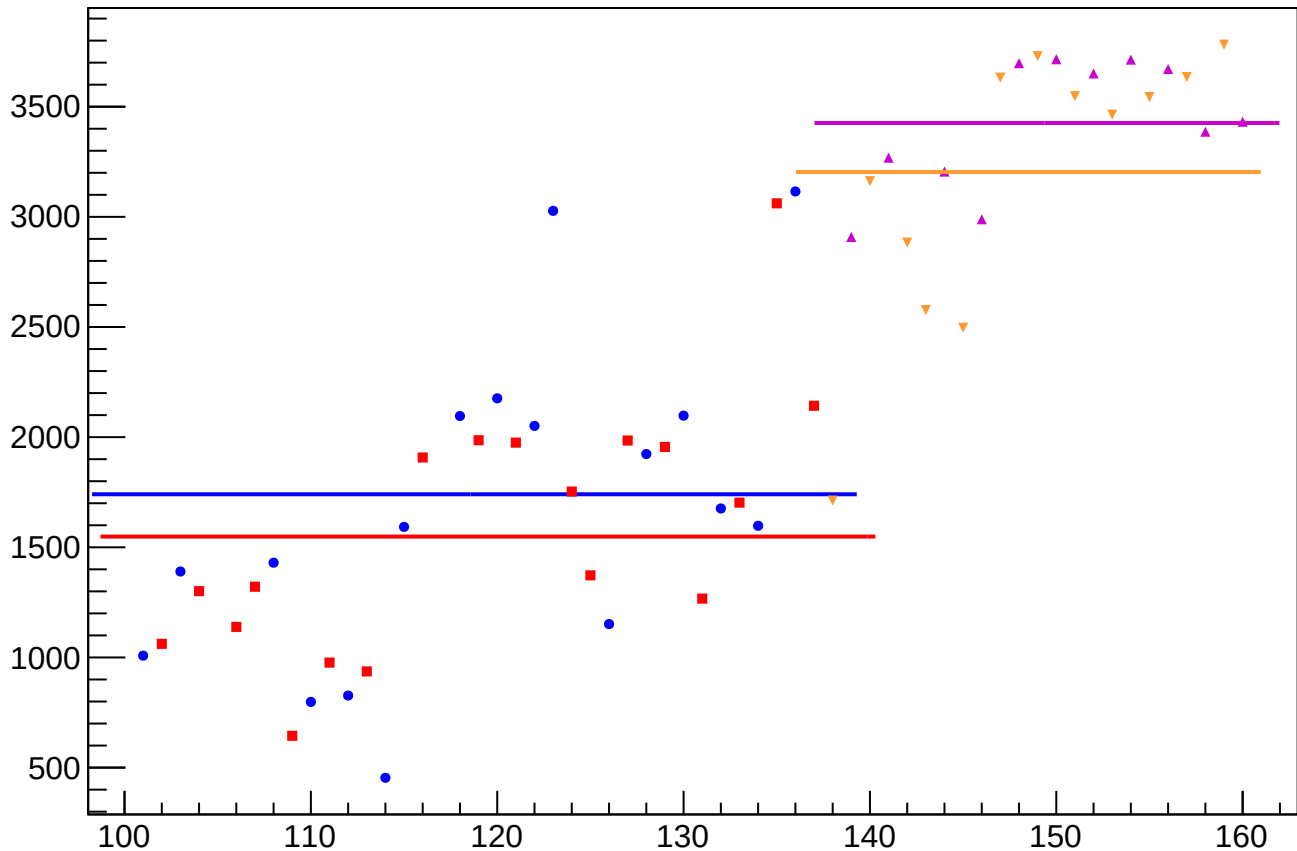
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

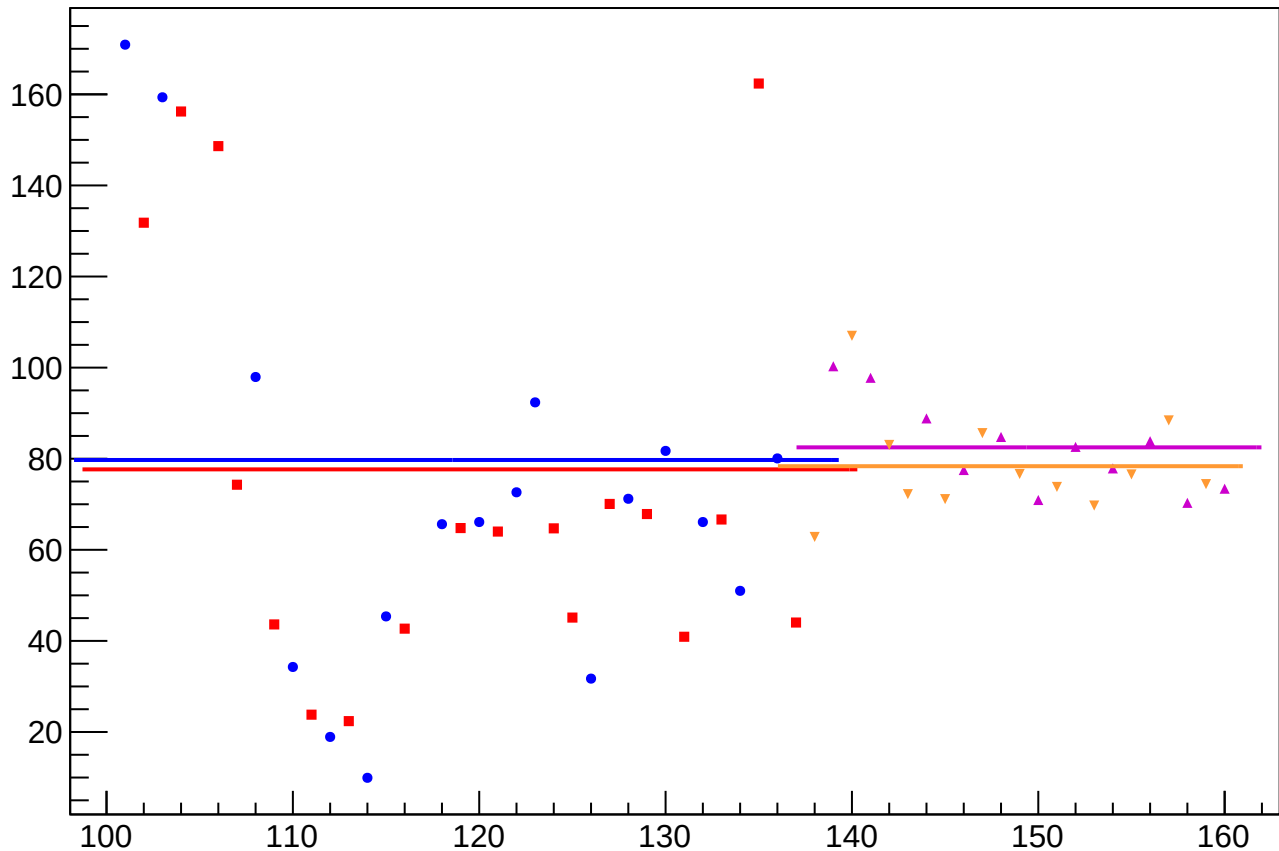
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam8_coil3_mean vs Slug



Right In: 1740.720+/-0.000 χ^2/NDF : 348962001897552007024222547428010622976.0/16
 Left Out: 3203.449+/-0.000 χ^2/NDF : 345784551251095236762093437118983438336.0/11
 Right Out: 1548.740+/-0.000 χ^2/NDF : 255013280564316736413287354207314116608.0/17
 Left In: 3426.091+/-0.000 χ^2/NDF : 74472499127256765634021143910696353792.0/10

dit_sam8_coil3_err_mean vs Slug



Right In: 79.722+/-0.000 χ^2/NDF : 1349884201001122025991797772619087872.0/16

+ sign 78.947+/-0.000 χ^2/NDF : 1465514520750782

Left Out: 78.356+/-0.000 χ^2/NDF : 114896120803259231895139298203140096.0/11

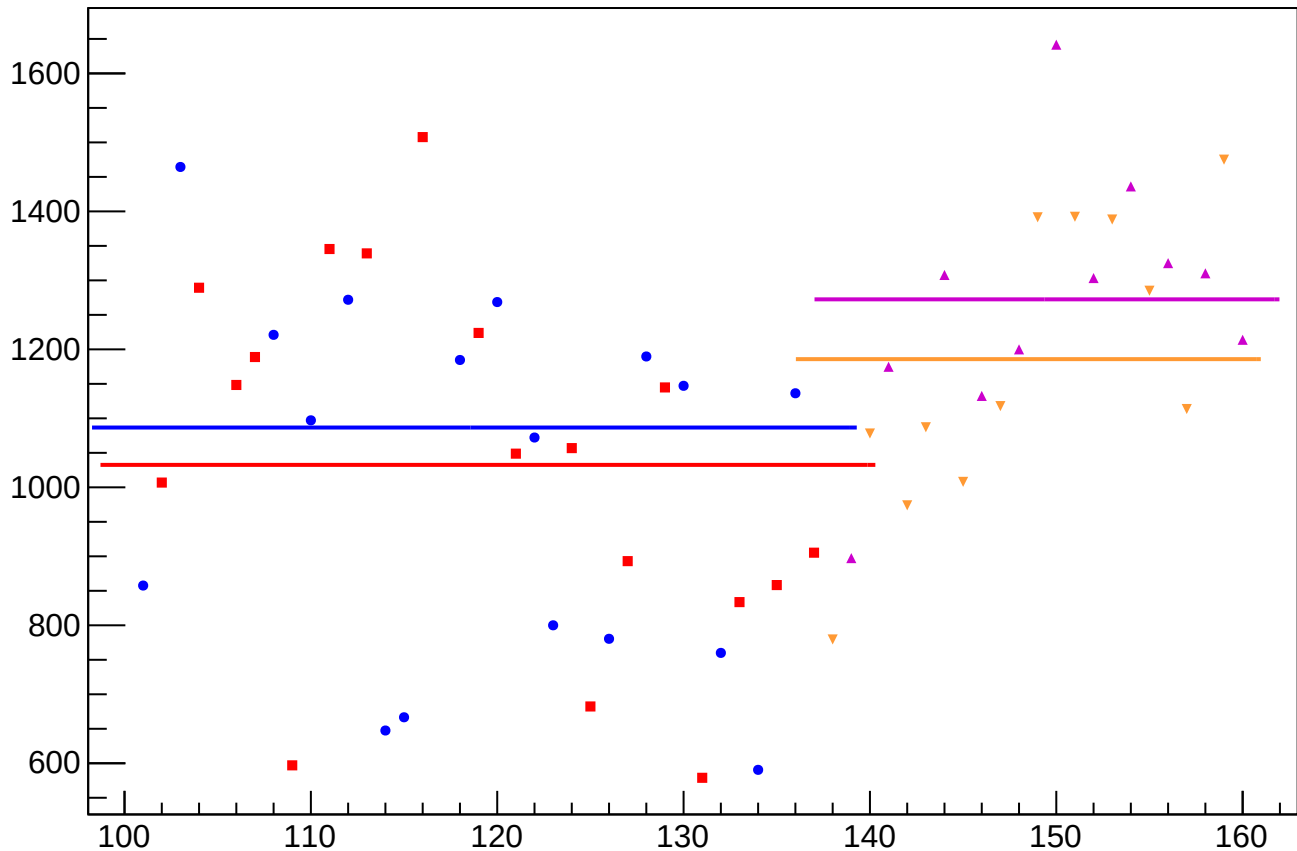
All: 79.681+/-0.000 χ^2/NDF : 3045128611296

Right Out: 77.658+/-0.000 χ^2/NDF : 1483793243606577649503828870787235840.0/17

- sign 80.396+/-0.000 χ^2/NDF : 1577908853053275

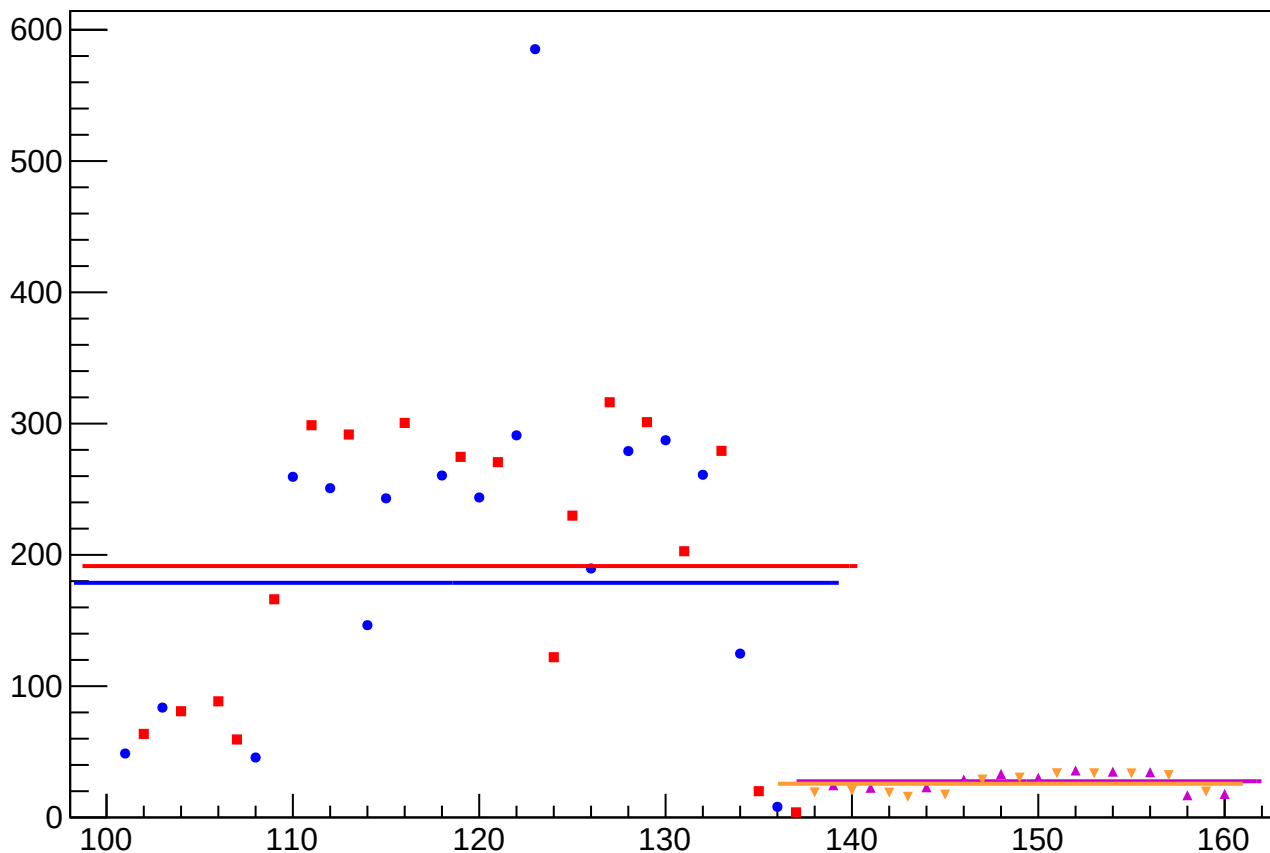
Left In: 82.494+/-0.000 χ^2/NDF : 84649934677405665053102578448990208.0/10

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_4aX_coil7_mean vs Slug



Right In: 178.734+/-0.000 χ^2/NDF : 8494804765562228204327834177712947200.0/16

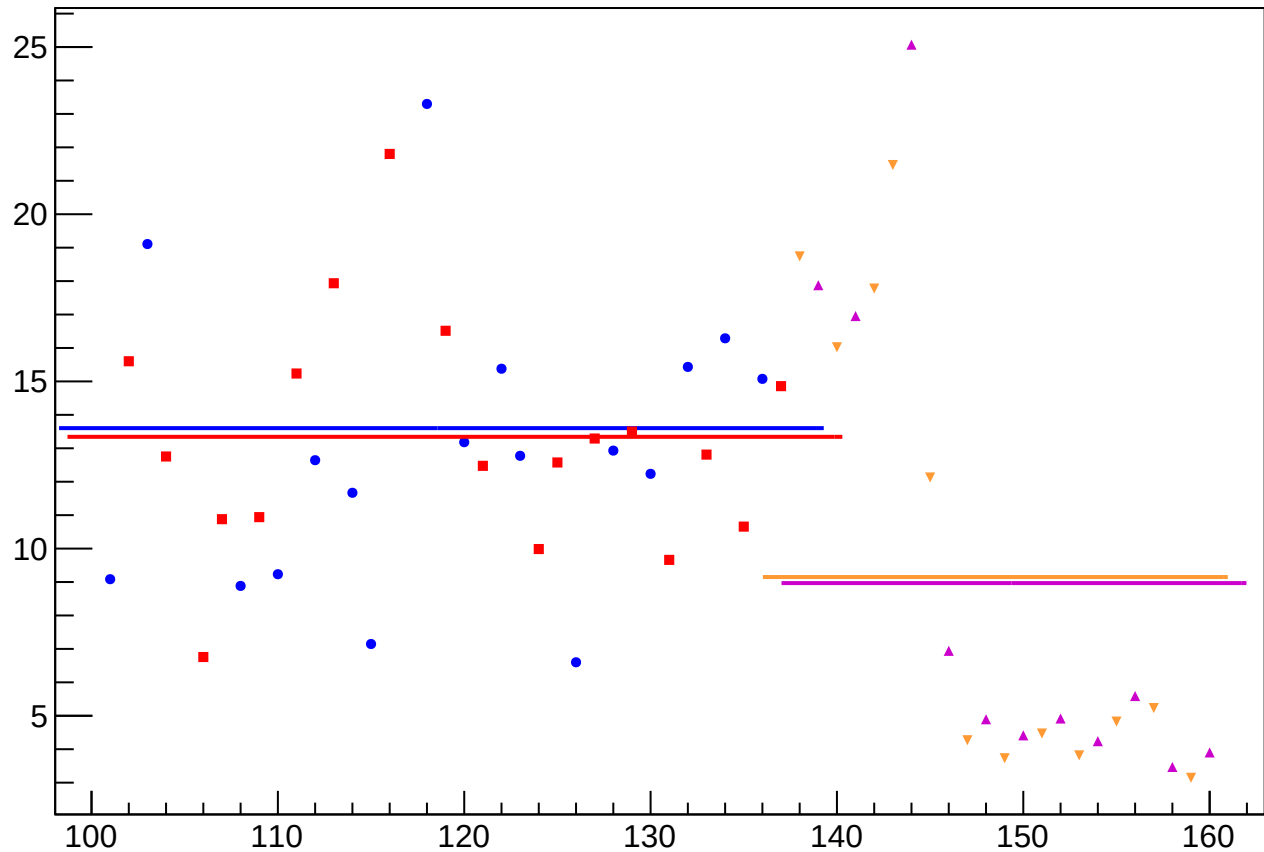
Left Out: 25.670+/-0.000 χ^2/NDF : 43615942339742127541727339141398528.0/11

Right Out: 191.483+/-0.000 χ^2/NDF : 8150461362250913614126902389436841984.0/17

Left In: 27.579+/-0.000 χ^2/NDF : 39364281565589269782784177585782784.0/10

All: 95.361+/-0.000 χ^2/NDF : 3685990233363

dit_4aX_coil7_err_mean vs Slug



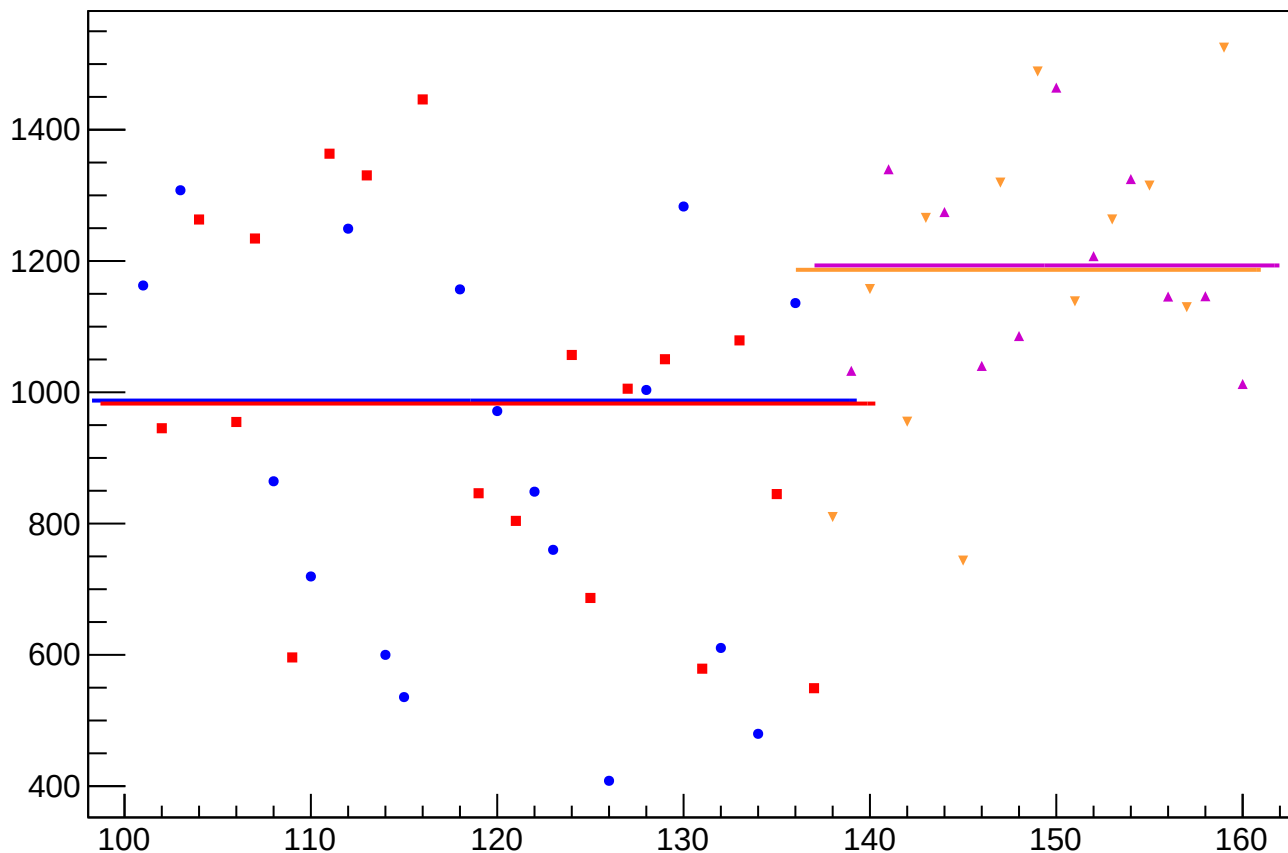
Right In: 13.603+/-0.000 χ^2/NDF : 12735243270159378009596948914372608.0/16

Left Out: 9.150+/-0.000 χ^2/NDF : 39277872742254074386096302311079936.0/11

Right Out: 13.343+/-0.000 χ^2/NDF : 6808158047357444632184742387646464.0/17

Left In: 8.968+/-0.000 χ^2/NDF : 47457578467091168331445311669010432.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

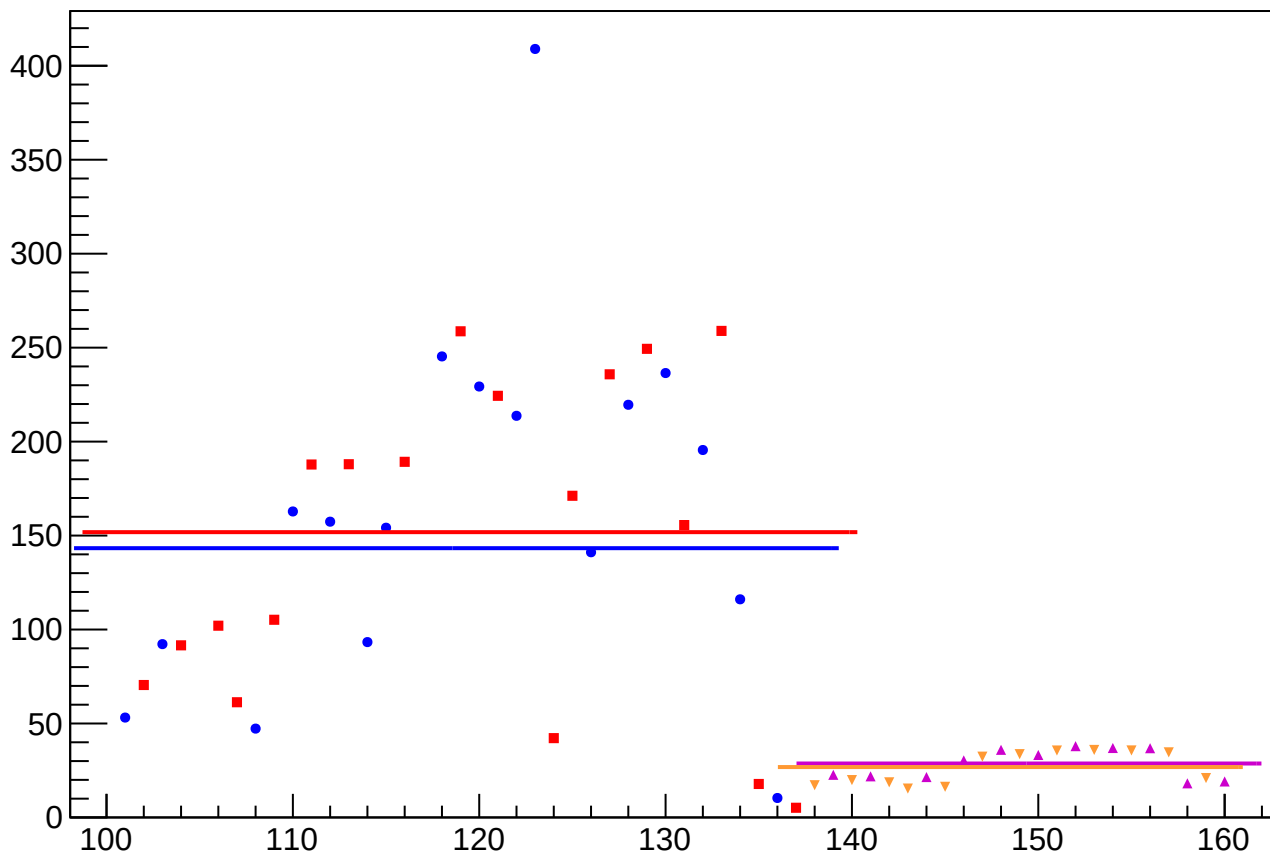
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_4eX_coil7_mean vs Slug



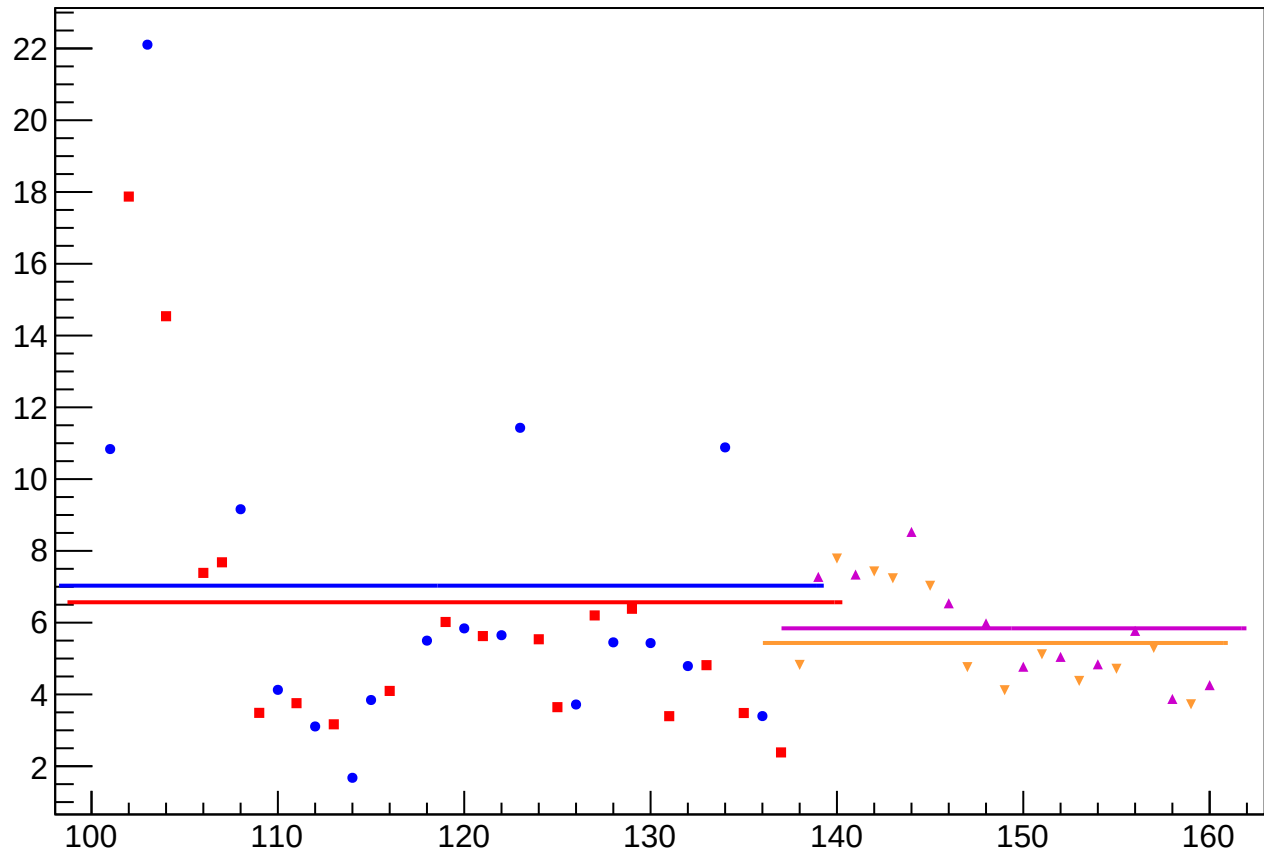
Right In: 143.291+/-0.000 χ^2/NDF : 4778890435983165530583685149403119616.0/16

Left Out: 26.816+/-0.000 χ^2/NDF : 64568009381250036040665945578930176.0/11

Right Out: 151.819+/-0.000 χ^2/NDF : 4652479354515348530637943017457057792.0/17

Left In: 28.706+/-0.000 χ^2/NDF : 53446645713086882216161894618628096.0/10

dit_4eX_coil7_err_mean vs Slug



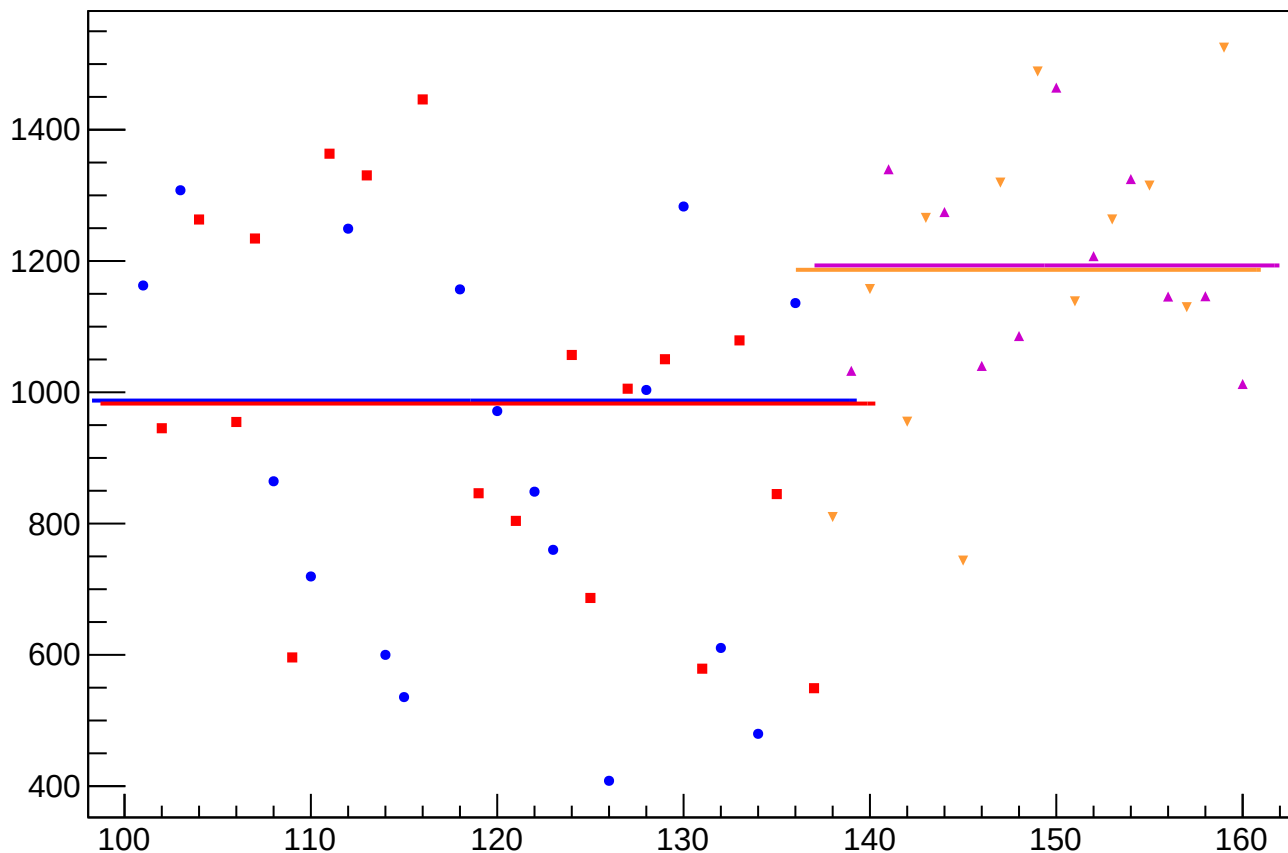
Right In: 7.031+/-0.000 χ^2/NDF : 18686972393169306014765519518826496.0/16

Left Out: 5.434+/-0.000 χ^2/NDF : 1641961615493557983490036107051008.0/11

Right Out: 6.568+/-0.000 χ^2/NDF : 13908005278630821419370553666437120.0/17

Left In: 5.842+/-0.000 χ^2/NDF : 1812226966420315112479835300036608.0/10

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

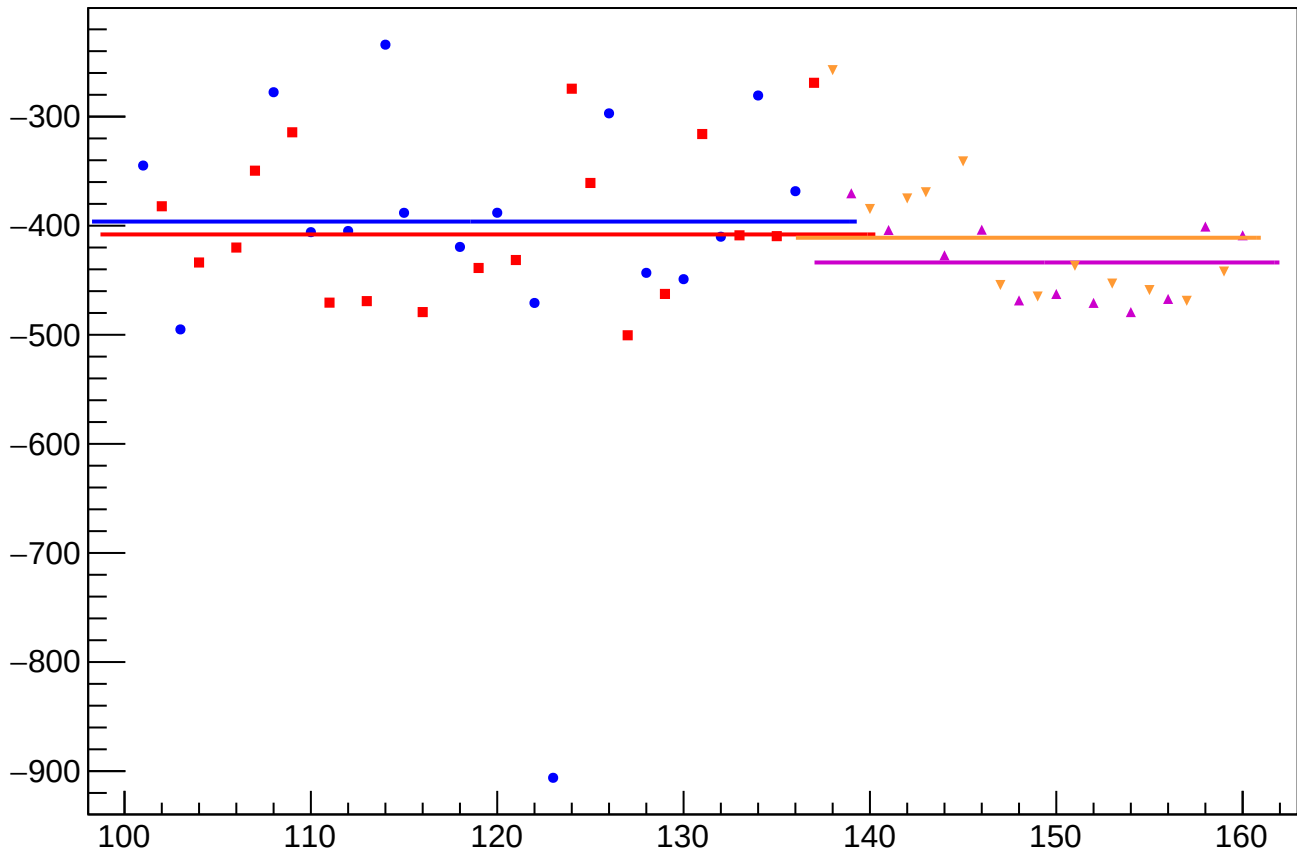
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_11X12X_coil7_mean vs Slug



Right In: -396.205+/-0.000 χ^2/NDF : 3915339787327324310697642459645607936.0/16

Left Out: -411.042+/-0.000 χ^2/NDF : 3555989077784945680272383641089212416.0/11

Right Out: -408.004+/-0.000 χ^2/NDF : 2700413725595197389596215208912617472.0/17

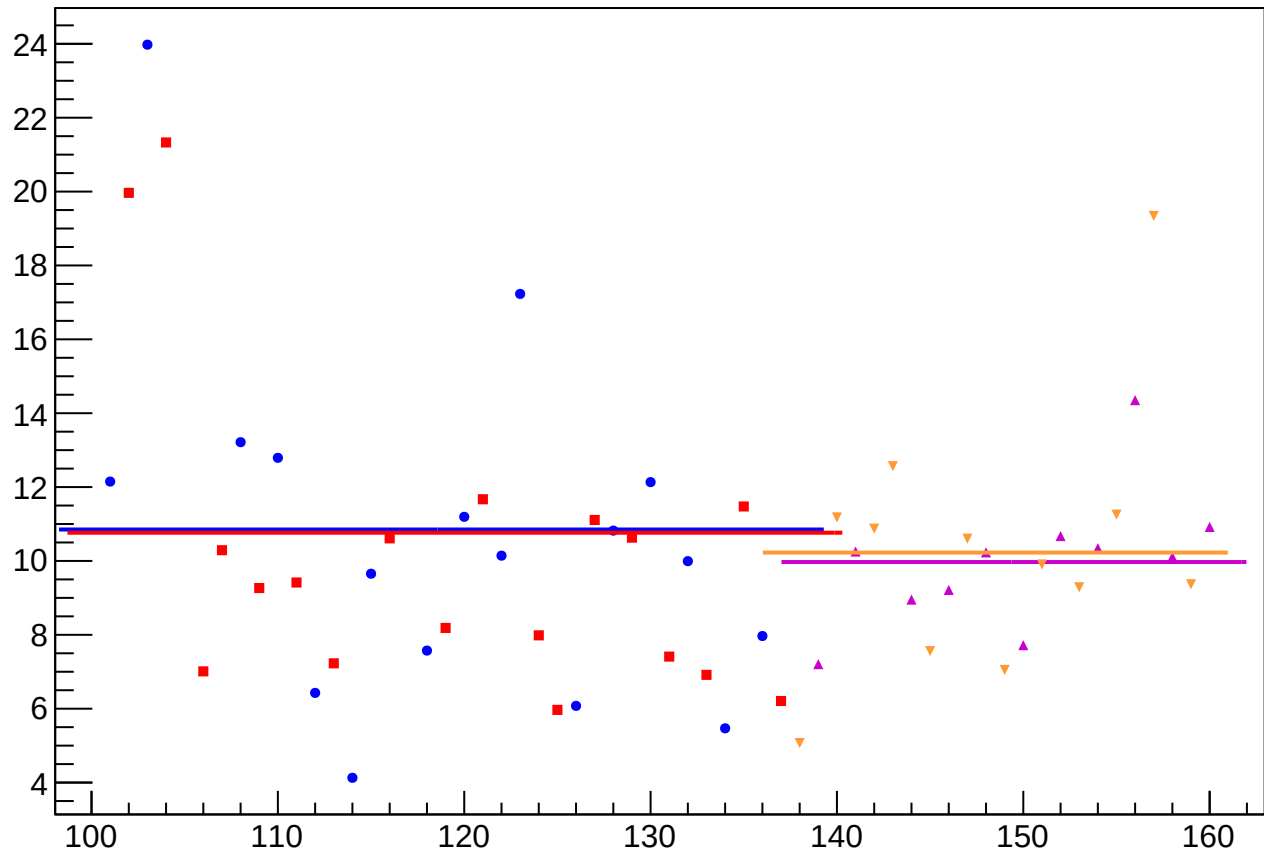
Left In: -433.711+/-0.000 χ^2/NDF : 1189526132627930234621779098826964992.0/10

+ sign -404.619+/-0.000 χ^2/NDF : 75579682652677

All: -413.713+/-0.000 χ^2/NDF : 11976916890

- sign -422.558+/-0.000 χ^2/NDF : 415744047977943

dit_11X12X_coil7_err_mean vs Slug



Right In: 10.851+/-0.000 χ^2/NDF : 15284459899452545966128799384862720.0/16

Left Out: 10.227+/-0.000 χ^2/NDF : 10321587584551104331954948537319424.0/11

Right Out: 10.764+/-0.000 χ^2/NDF : 14575858748491423837639288498946048.0/17

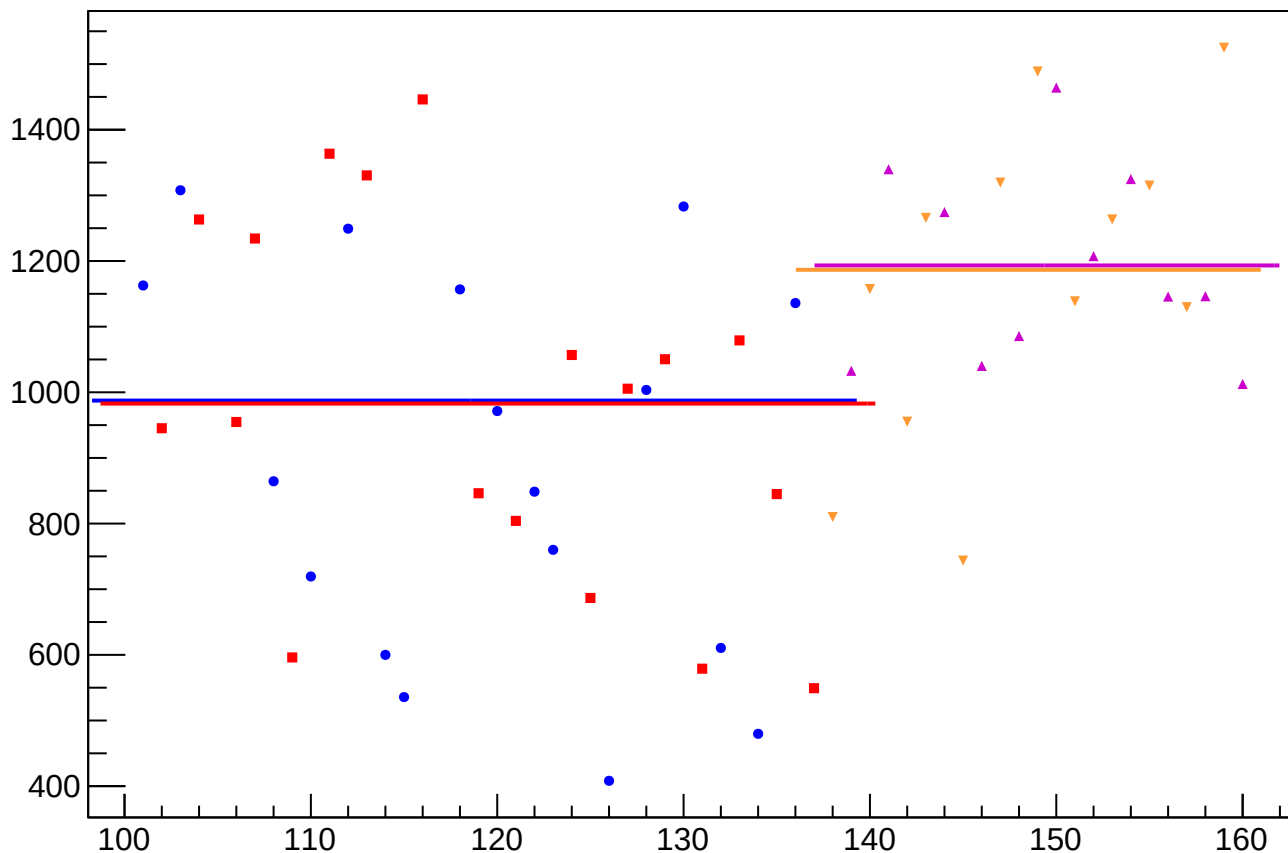
Left In: 9.971+/-0.000 χ^2/NDF : 2900670082842124382118820523802624.0/10

+ sign 10.497+/-0.000 χ^2/NDF : 2575964741998058

All: 10.405+/-0.000 χ^2/NDF : 4351812926390

- sign 10.315+/-0.000 χ^2/NDF : 1773149218135601

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 4976336201955548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

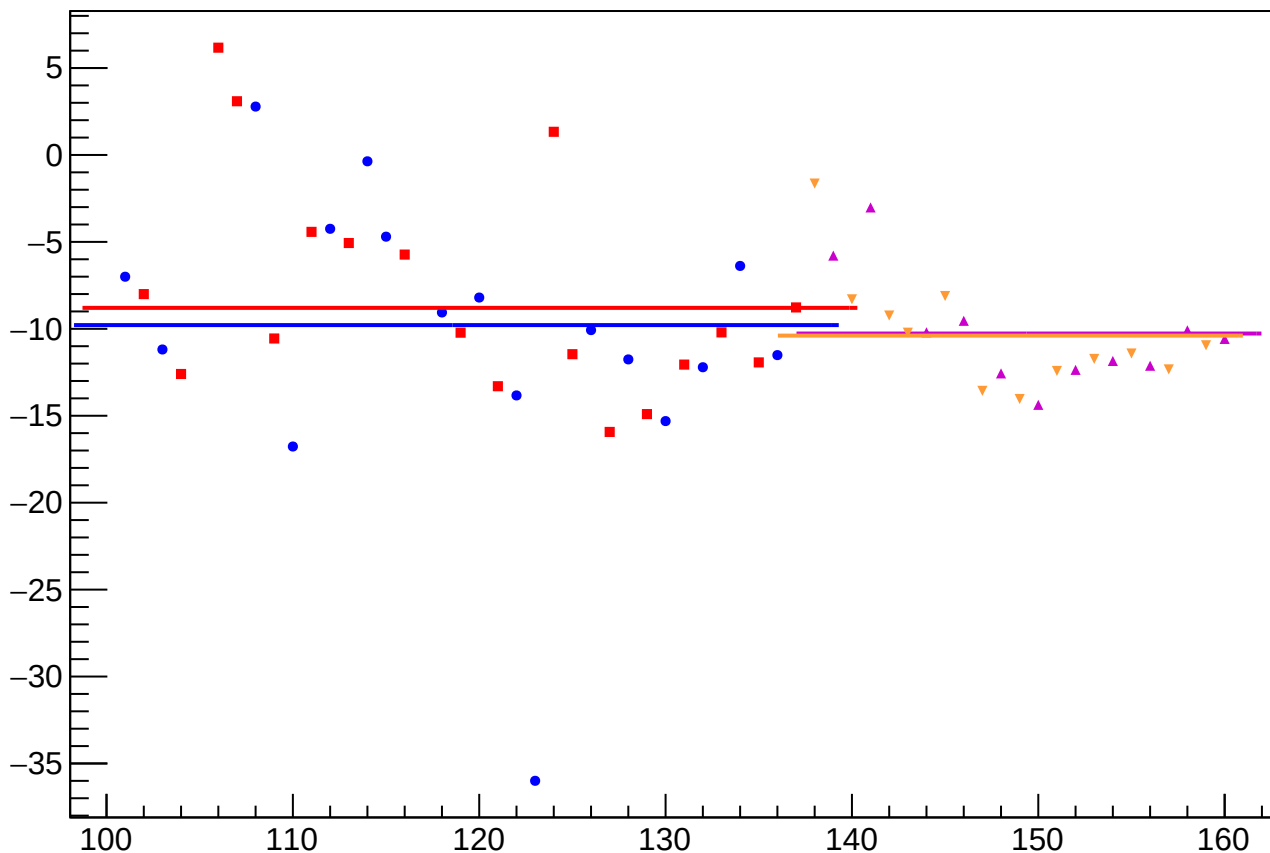
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_4aY_coil7_mean vs Slug



Right In: -9.786+/-0.000 χ^2/NDF : 17296683010620060540445571791454208.0/16

Left Out: -10.390+/-0.000 χ^2/NDF : 9553348608714345843286370808758272.0/11

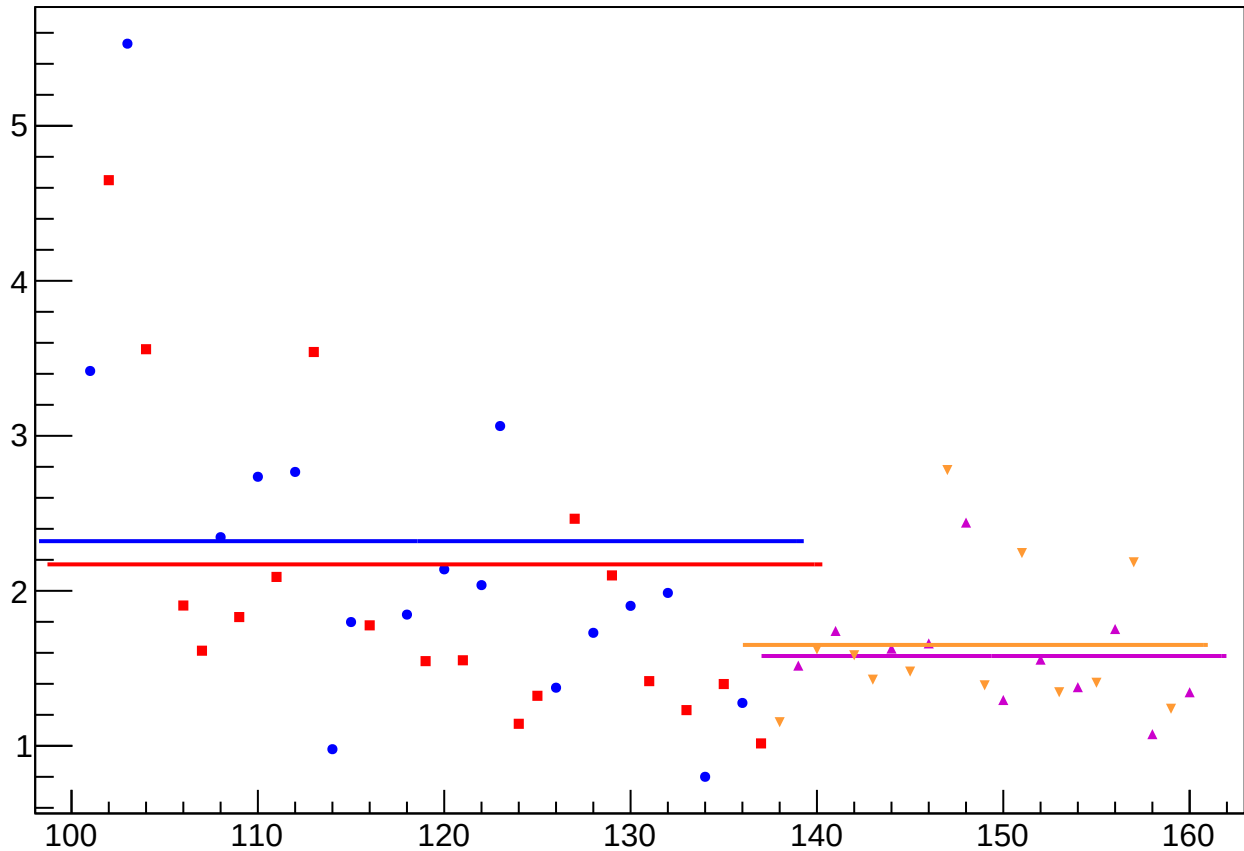
Right Out: -8.794+/-0.000 χ^2/NDF : 21979472889395409230974985175040000.0/17

Left In: -10.271+/-0.000 χ^2/NDF : 9001548873812579955640597255028736.0/10

All: -9.876+/-0.000 χ^2/NDF : 5905971963543

- sign -9.630+/-0.000 χ^2/NDF : 31863923080018953

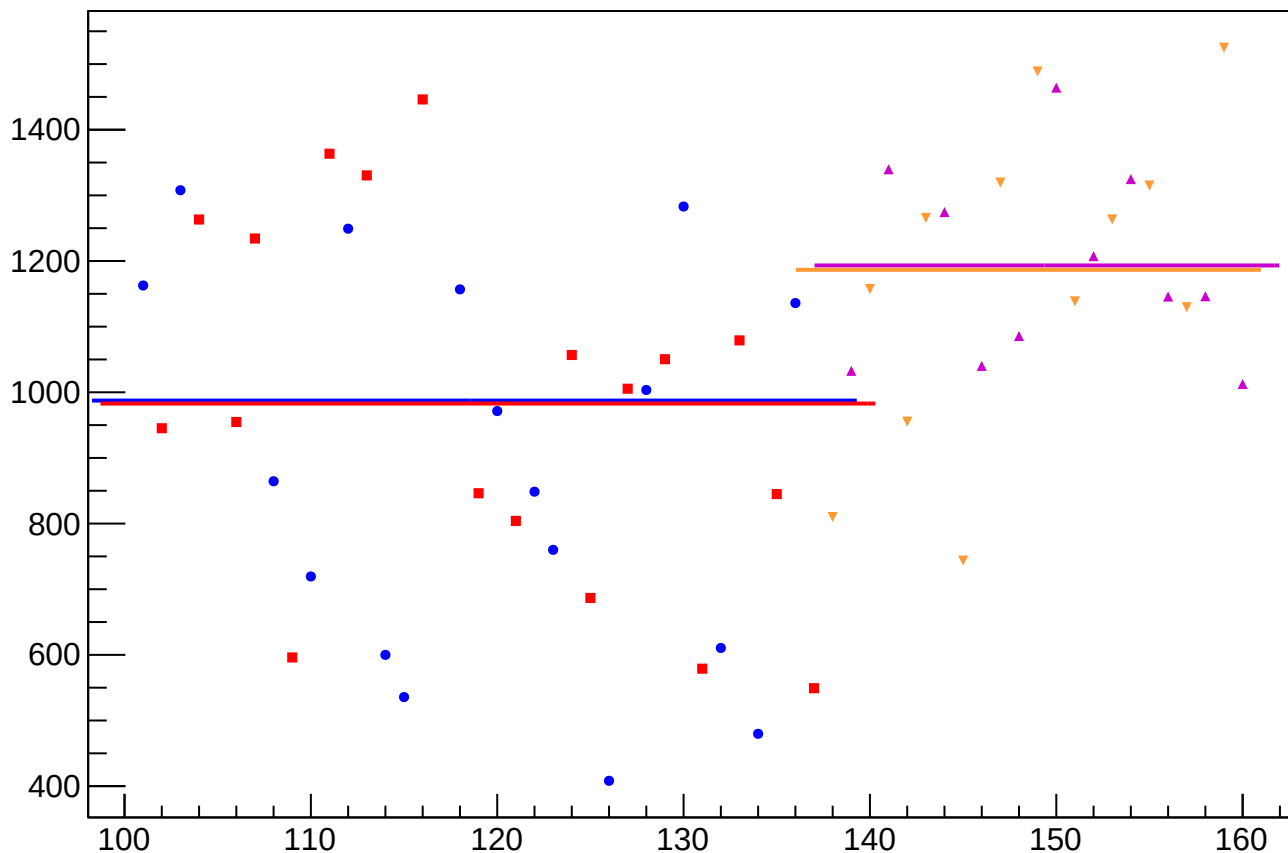
dit_4aY_coil7_err_mean vs Slug



Right In: 2.320 ± 0.000	χ^2/NDF : 951785069007432203128626661556224.0/16
Left Out: 1.651 ± 0.000	χ^2/NDF : 204626857159139136985355773804544.0/11
Right Out: 2.171 ± 0.000	χ^2/NDF : 756432905902484239494035607126016.0/17
Left In: 1.580 ± 0.000	χ^2/NDF : 104047648288543214499863879221248.0/10

+ sign 1.941 ± 0.000 χ^2/NDF : 13327985740188847
 All: 1.888 ± 0.000 χ^2/NDF : 23436522644769
 - sign 1.836 ± 0.000 χ^2/NDF : 10019203800642055

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

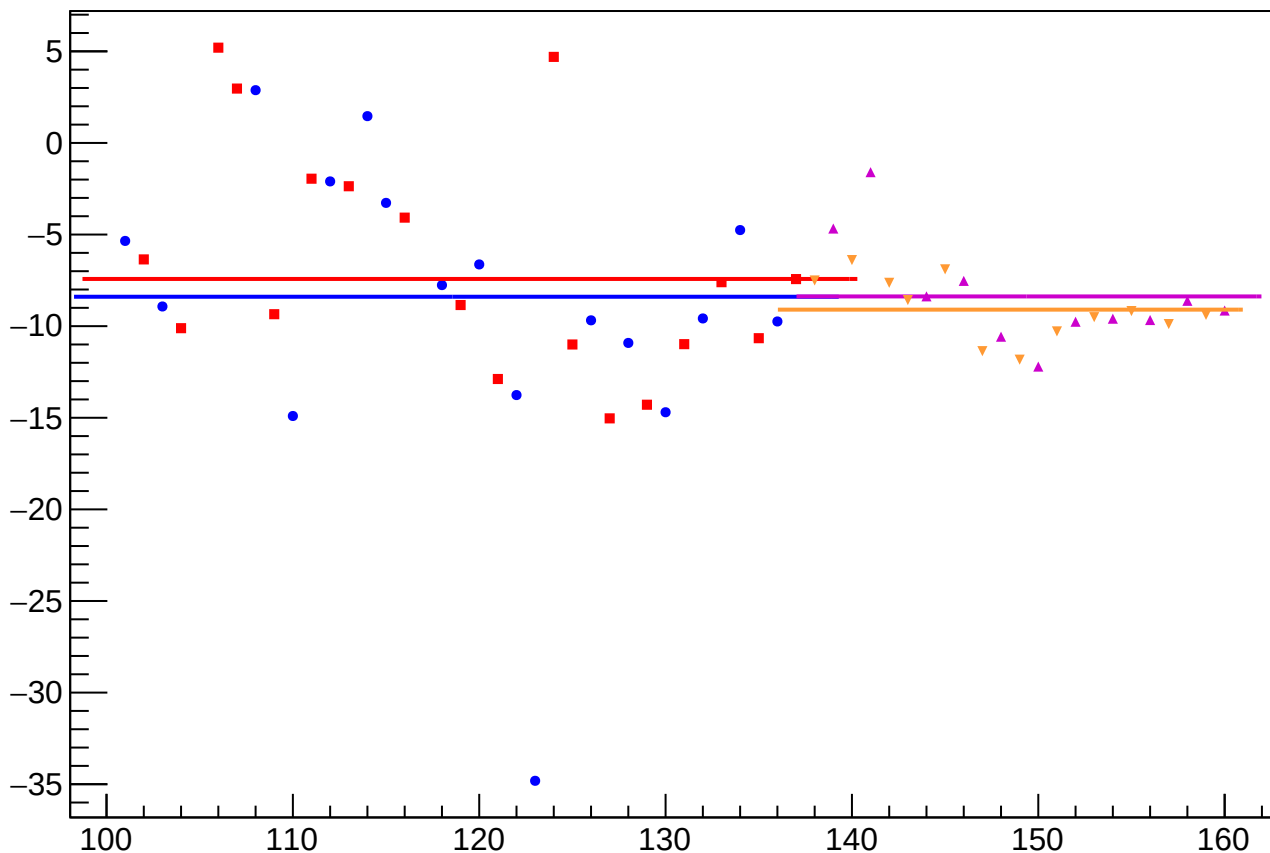
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_4eY_coil7_mean vs Slug



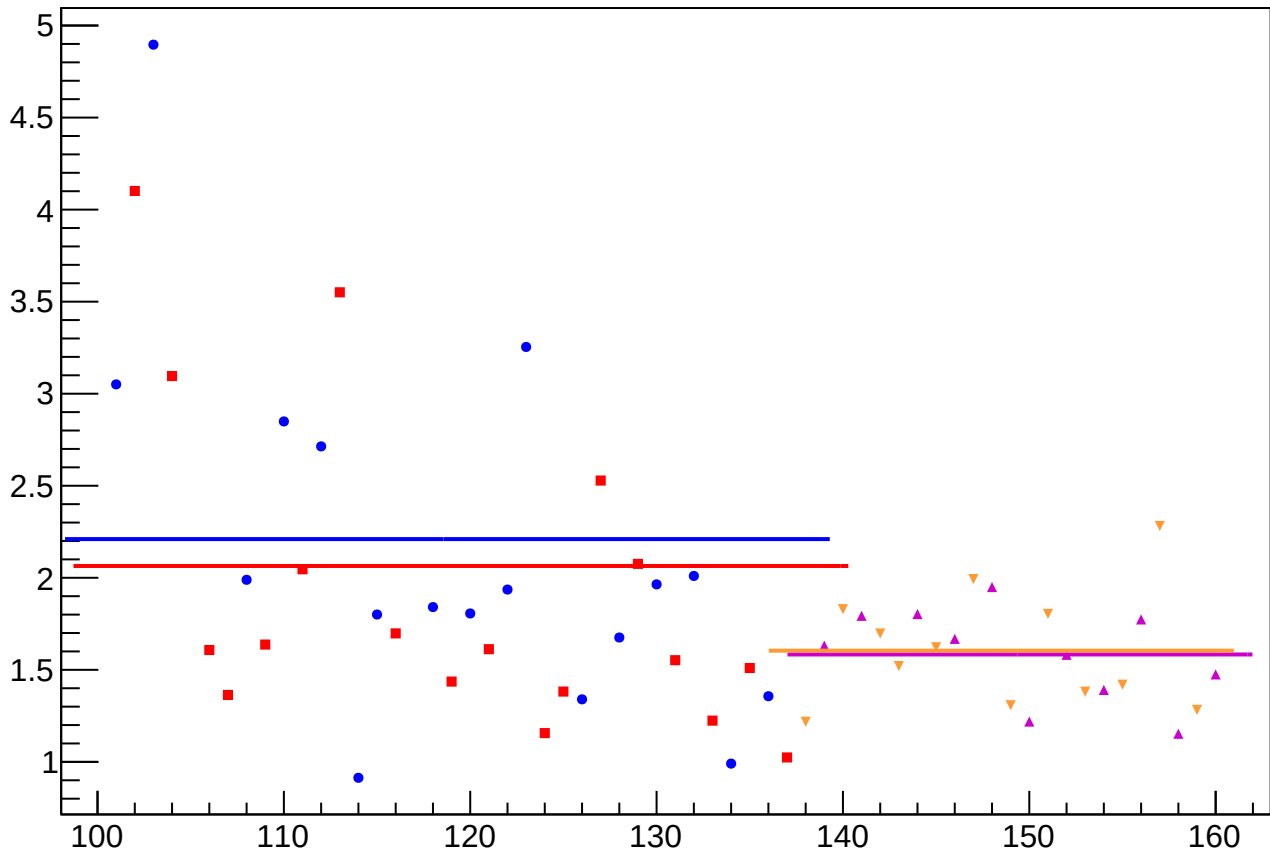
Right In: -8.394+/-0.000 χ^2/NDF : 17454293749905596935063382469378048.0/16

Left Out: -9.098+/-0.000 χ^2/NDF : 2495166400033821389722475105878016.0/11

Right Out: -7.423+/-0.000 χ^2/NDF : 21448737498509381182656193641840640.0/17

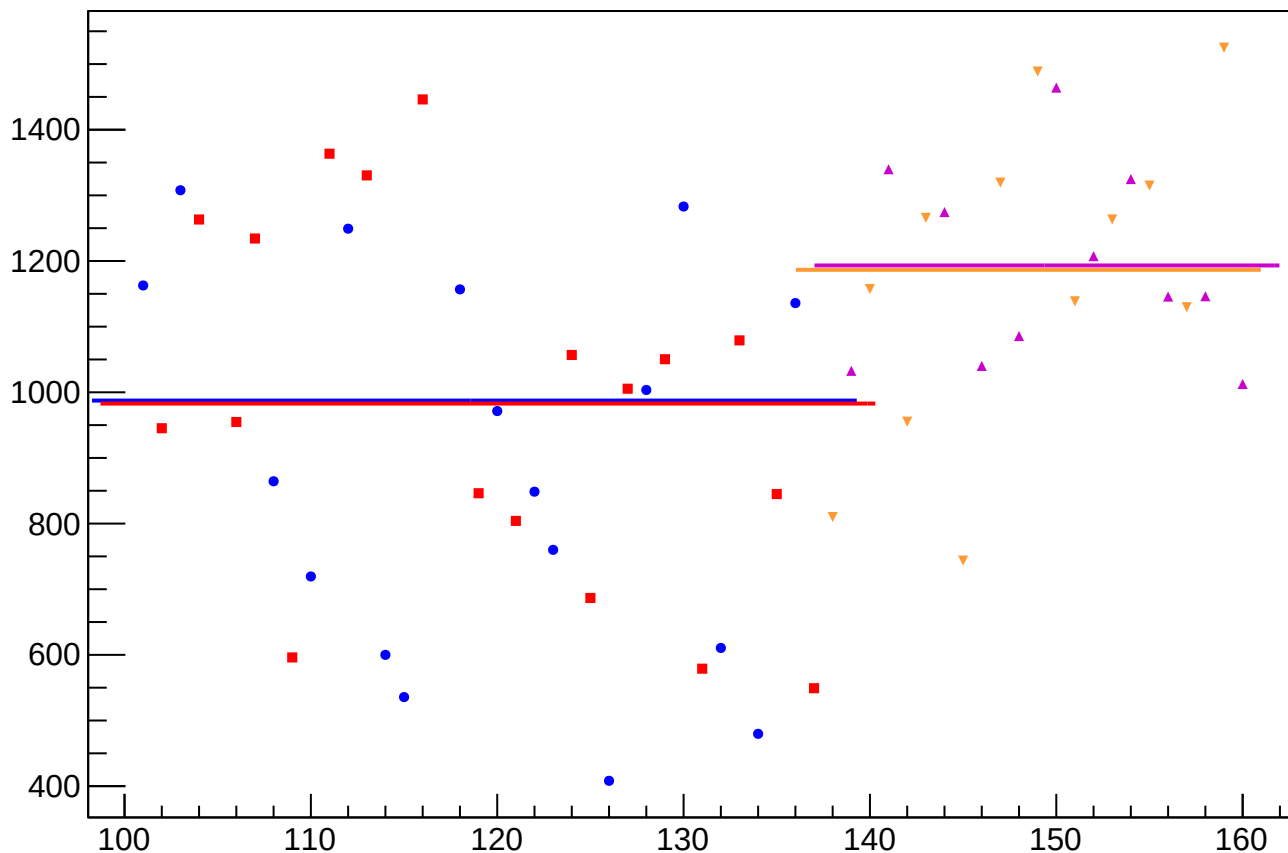
Left In: -8.377+/-0.000 χ^2/NDF : 7305049621104210689876244459159552.0/10

dit_4eY_coil7_err_mean vs Slug



Right In: 2.210 ± 0.000 χ^2/NDF : 685219894303103753186103173054464.0/16
 Left Out: 1.604 ± 0.000 χ^2/NDF : 88134442876960203086974867734528.0/11
 Right Out: 2.064 ± 0.000 χ^2/NDF : 574315722841914805756407412948992.0/17
 Left In: 1.583 ± 0.000 χ^2/NDF : 54376045146817744012212281802752.0/10
 All: 1.829 ± 0.000 χ^2/NDF : 16446751324639
 + sign 1.867 ± 0.000 χ^2/NDF : 91790498723522989
 - sign 1.792 ± 0.000 χ^2/NDF : 72225739278983995

dit_4eY_coil7_Ndata_mean vs Slug



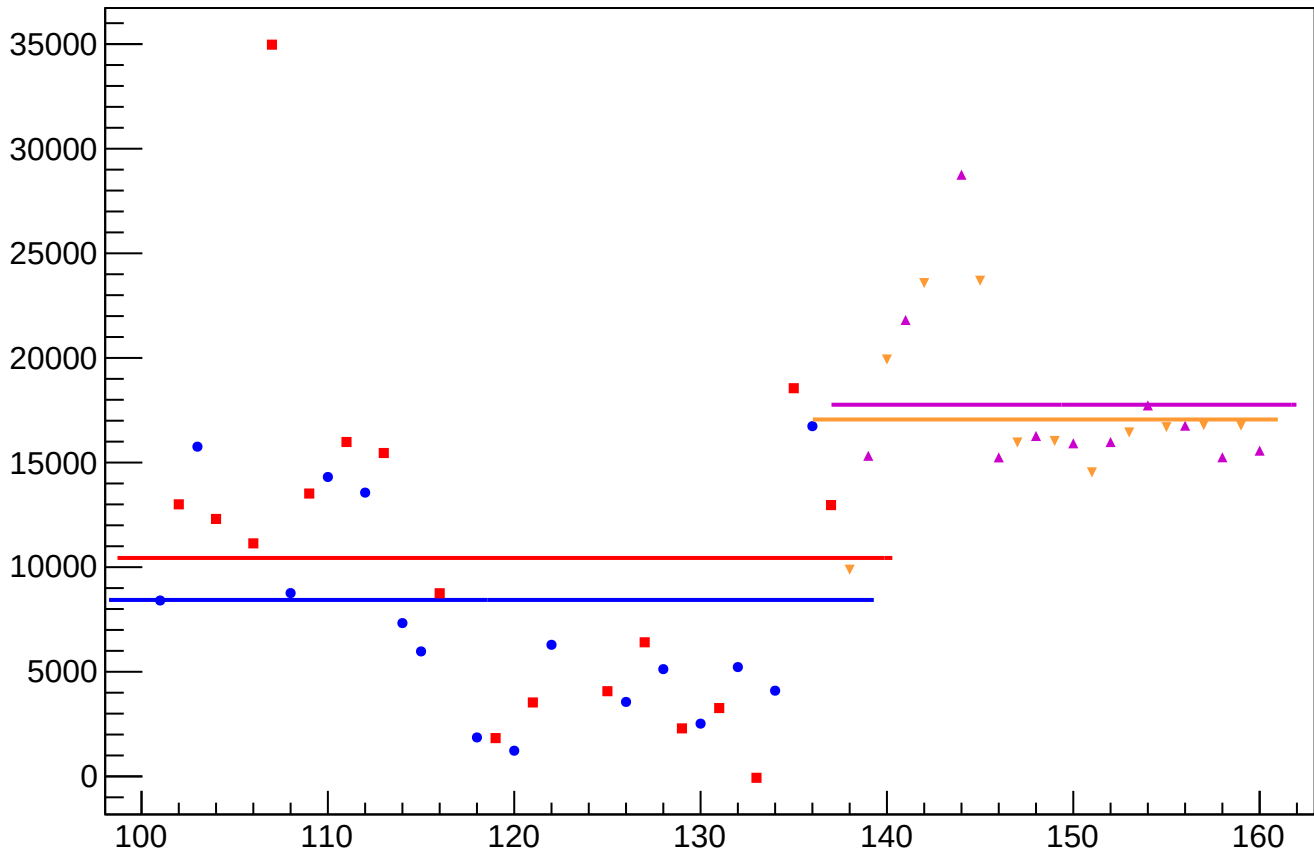
Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

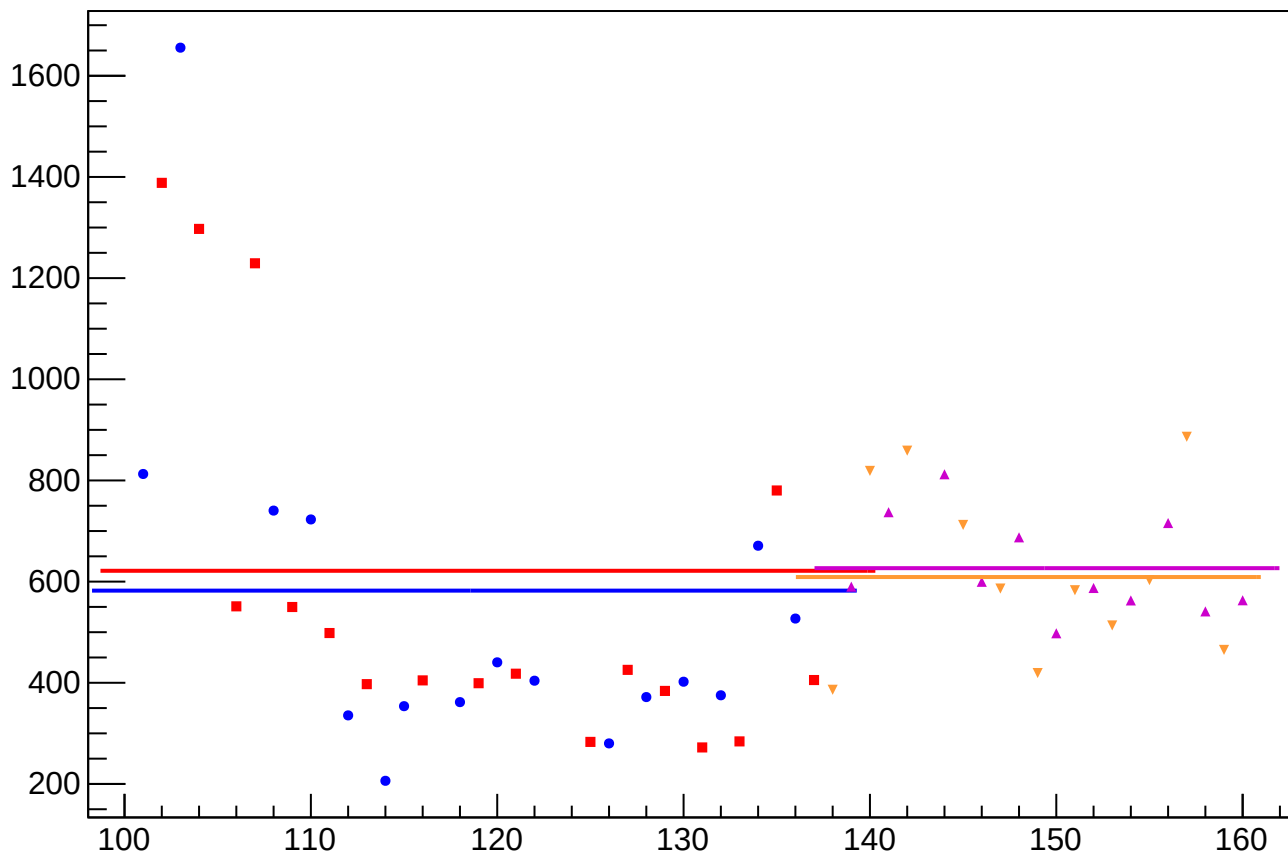
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

dit_usl_coil7_mean vs Slug



Right In: 8433.891+/-0.000 χ^2/NDF : 20327422028204985369763408215621299601408.0/15
 Left Out: 17058.273+/-0.000 χ^2/NDF : 10811611646396396135044758761220754898944.0/10
 Right Out: 10440.704+/-0.000 χ^2/NDF : 45868144044016746065453678570140629729280.0/16
 Left In: 17763.145+/-0.000 χ^2/NDF : 14921716045152593676189631342379599396864.0/10

dit_usl_coil7_err_mean vs Slug



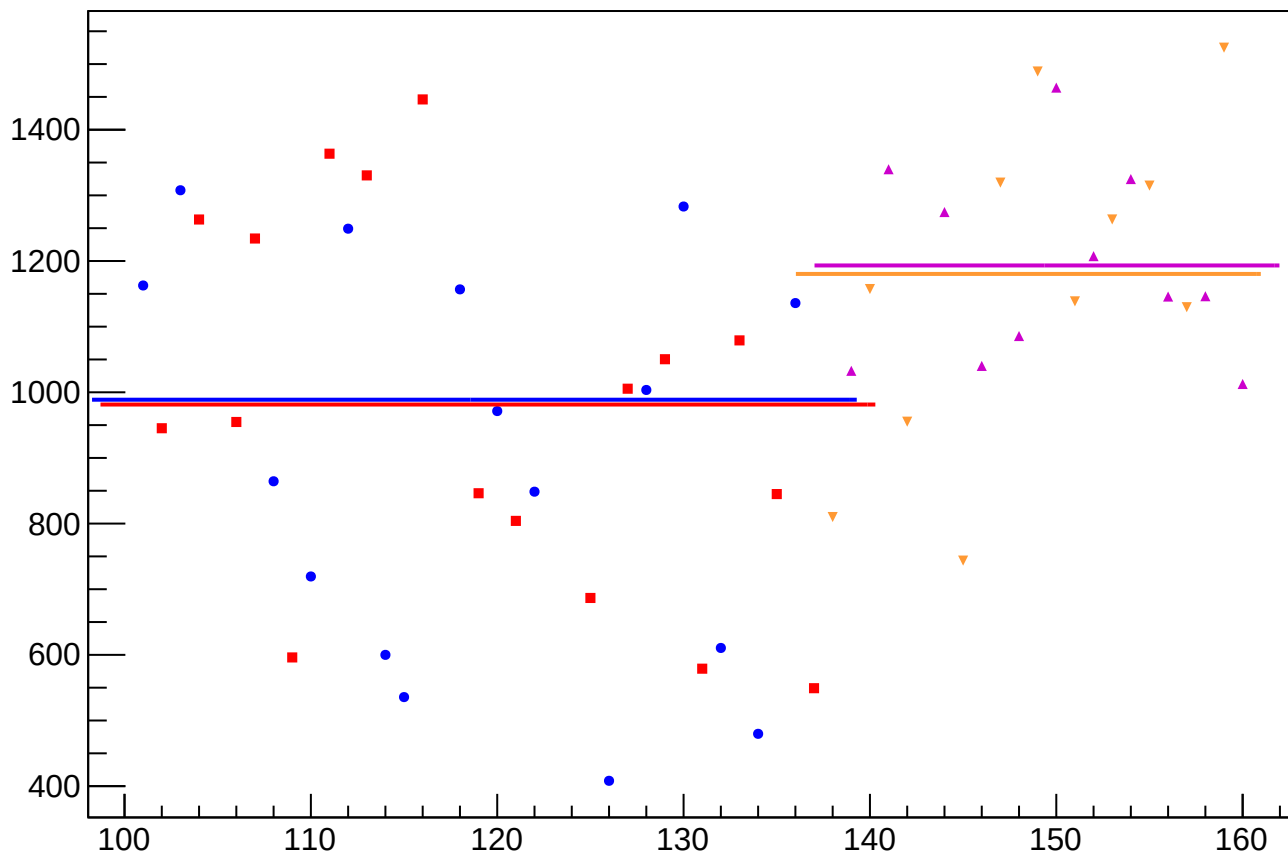
Right In: 582.194+/-0.000 χ^2/NDF : 92652521491388929844313077938841976832.0/15

Left Out: 609.049+/-0.000 χ^2/NDF : 22435846570397404635858963221446656000.0/10

Right Out: 621.413+/-0.000 χ^2/NDF : 99044900314697449740386824149731901440.0/16

Left In: 626.604+/-0.000 χ^2/NDF : 8153830016512989620574087402930307072.0/10

dit_usl_coil7_Ndata_mean vs Slug



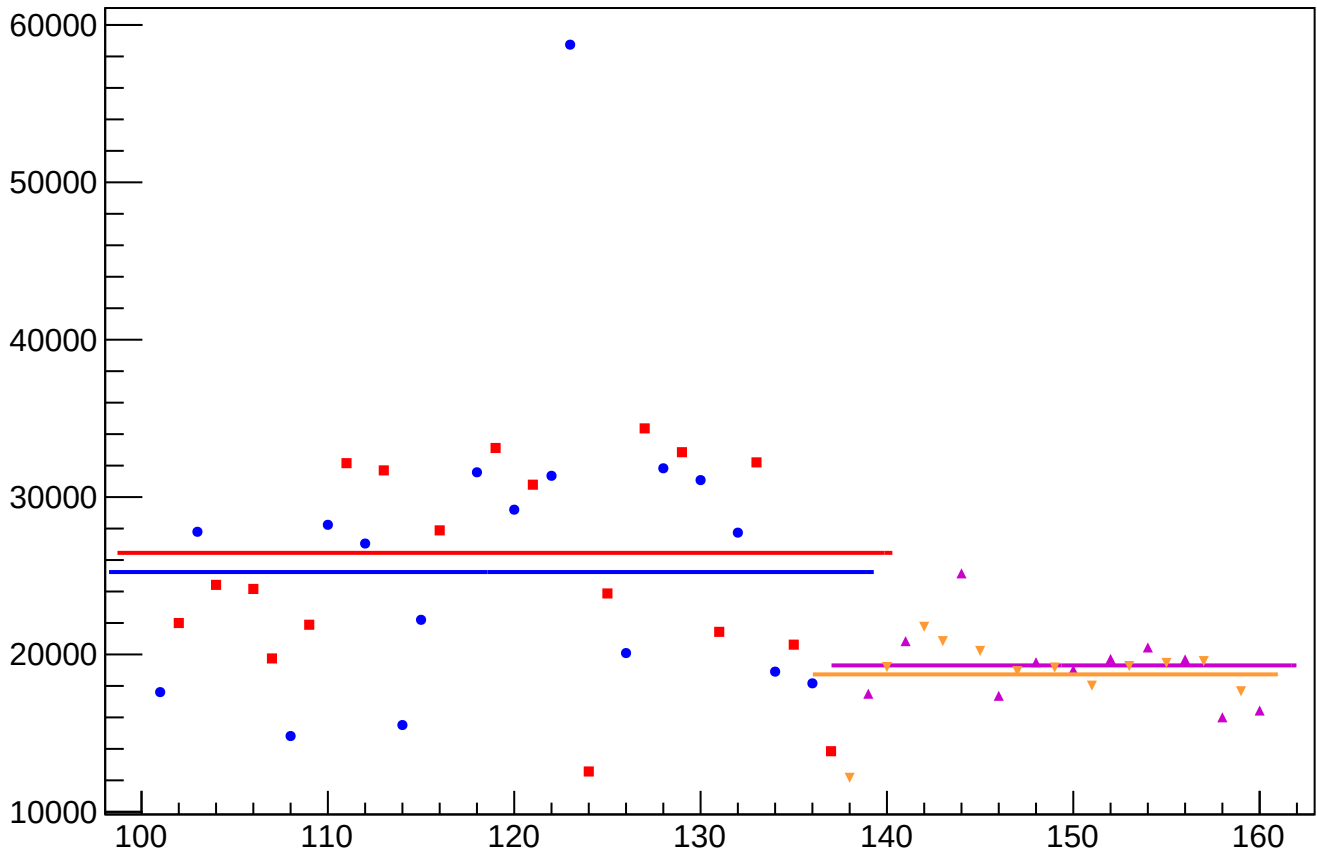
Right In: 988.706+/-0.000 χ^2/NDF : 52363367379197496459026096064200441856.0/15

Left Out: 1180.302+/-0.000 χ^2/NDF : 49311054965426356670958856612989632512.0/10

Right Out: 981.352+/-0.000 χ^2/NDF : 48028000110939353209143459445919973376.0/16

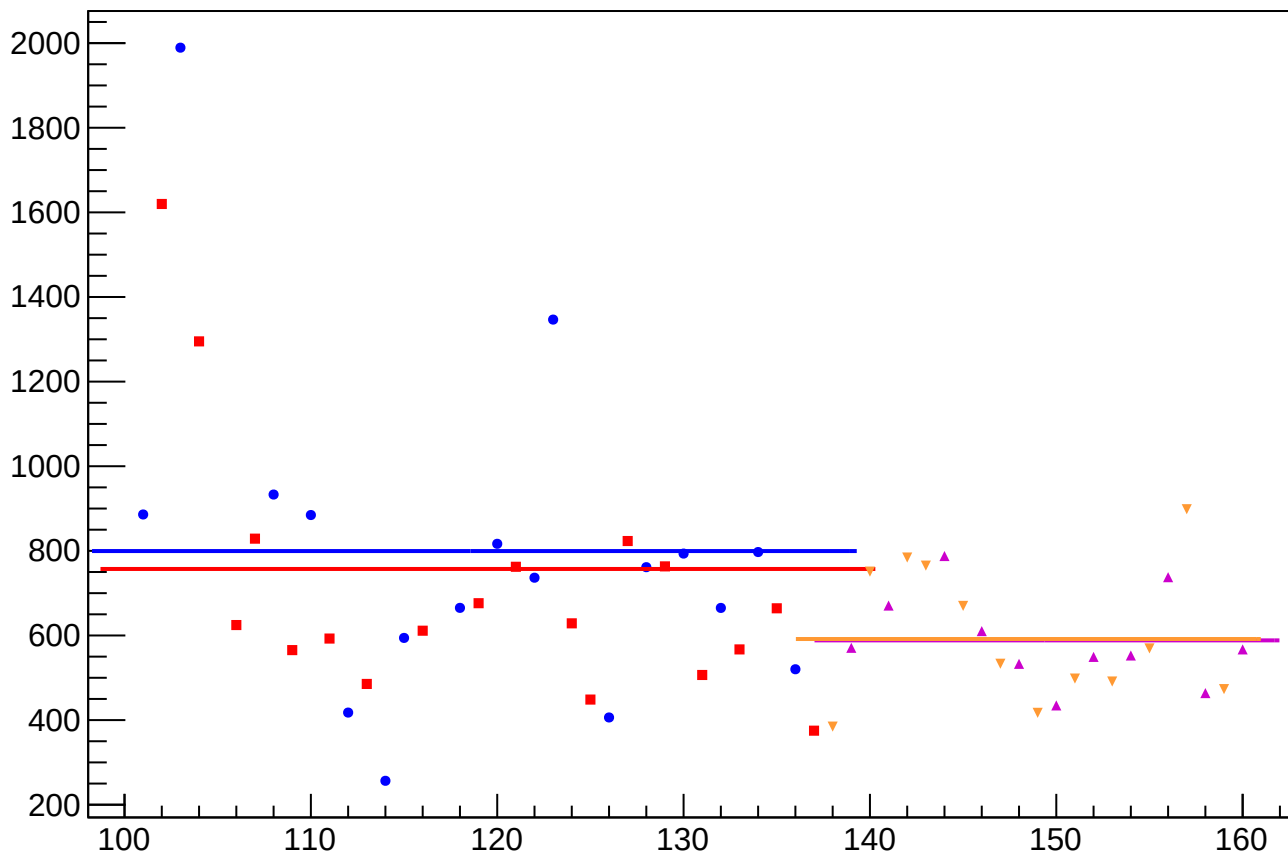
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

dit_usr_coil7_mean vs Slug



Right In: 25236.317+/-0.000 χ^2/NDF : 29071522213059582283269412071648973029376.0/16
 Left Out: 18733.088+/-0.000 χ^2/NDF : 4548859708795276009115062862764547506176.0/11
 Right Out: 26455.988+/-0.000 χ^2/NDF : 24365500126615965846523683173160051539968.0/17
 Left In: 19304.267+/-0.000 χ^2/NDF : 5534312846763223984199919197299769606144.0/10

dit_usr_coil7_err_mean vs Slug



Right In: 799.524 $\pm$ 0.000 χ^2 /NDF: 112536154235498414231657645251770712064.0/16

+ sign 681.634 $\pm$ 0.000 χ^2 /NDF: 151644951305294

Left Out: 591.628 $\pm$ 0.000 χ^2 /NDF: 22099670593221557738114196407951818752.0/11

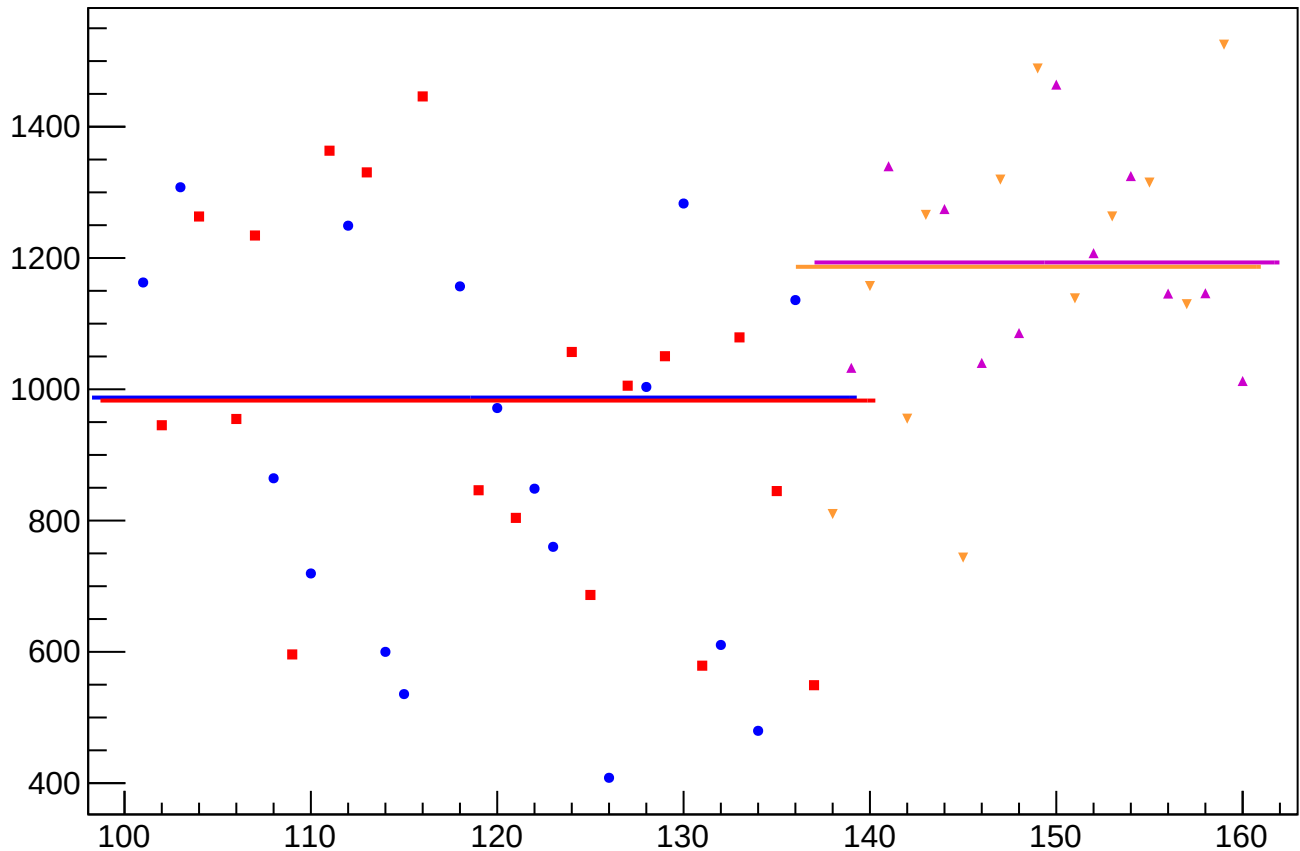
All: 671.500 $\pm$ 0.000 χ^2 /NDF: 25020556793

Right Out: 757.193 $\pm$ 0.000 χ^2 /NDF: 76794158982285513543711222288246374400.0/17

- sign 661.642 $\pm$ 0.000 χ^2 /NDF: 982358550641591

Left In: 588.417 $\pm$ 0.000 χ^2 /NDF: 9911176401969663265546101605651185664.0/10

dit_usr_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

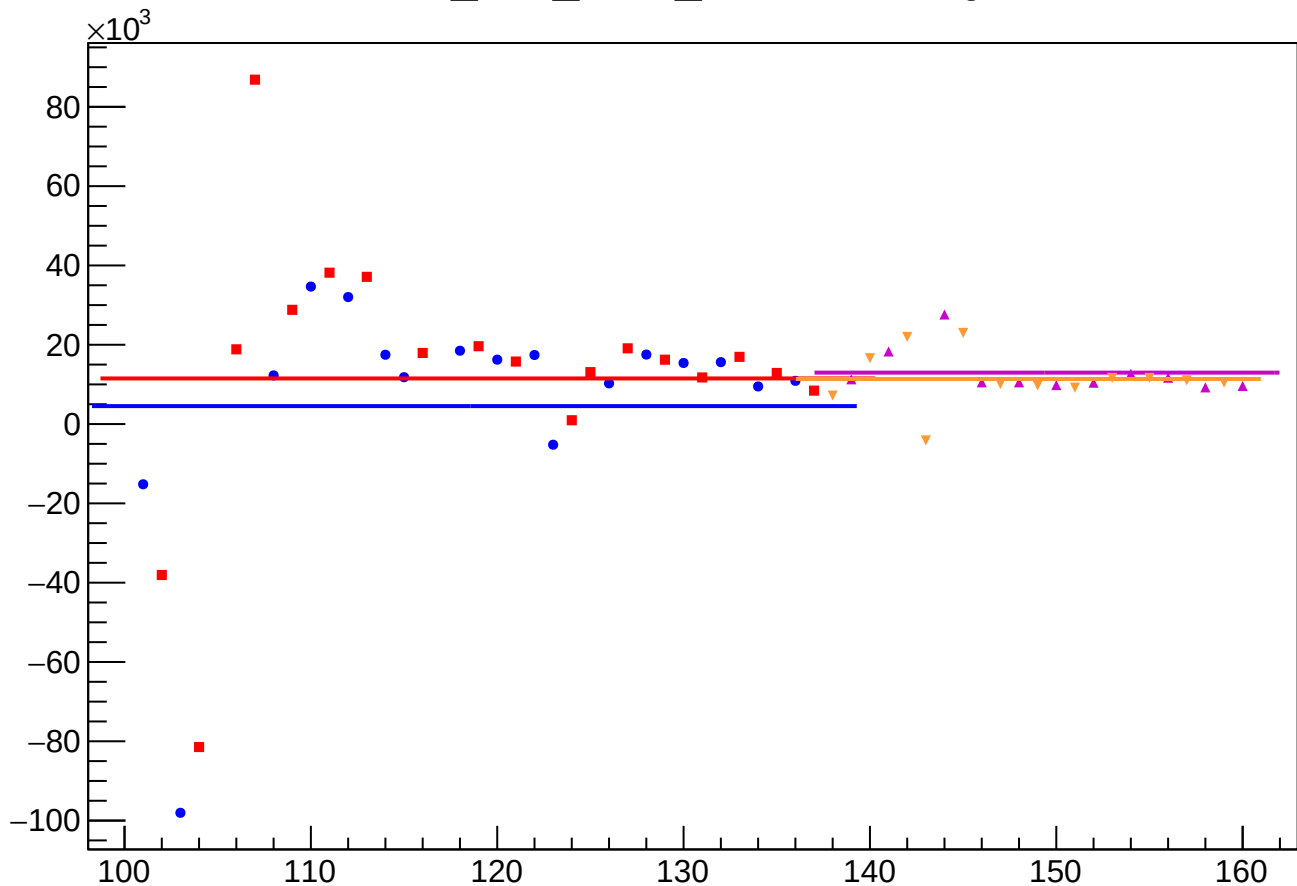
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

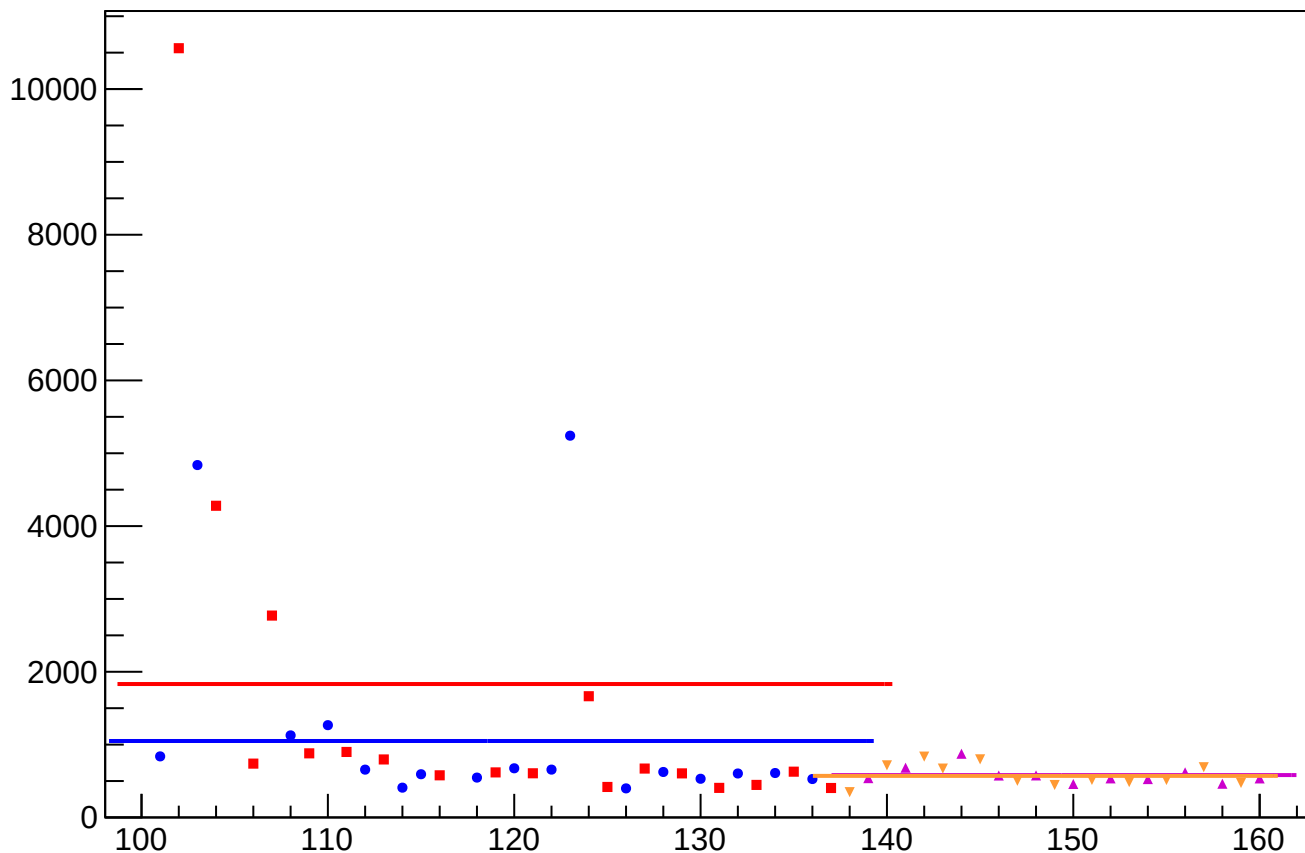
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_atl1_coil7_mean vs Slug



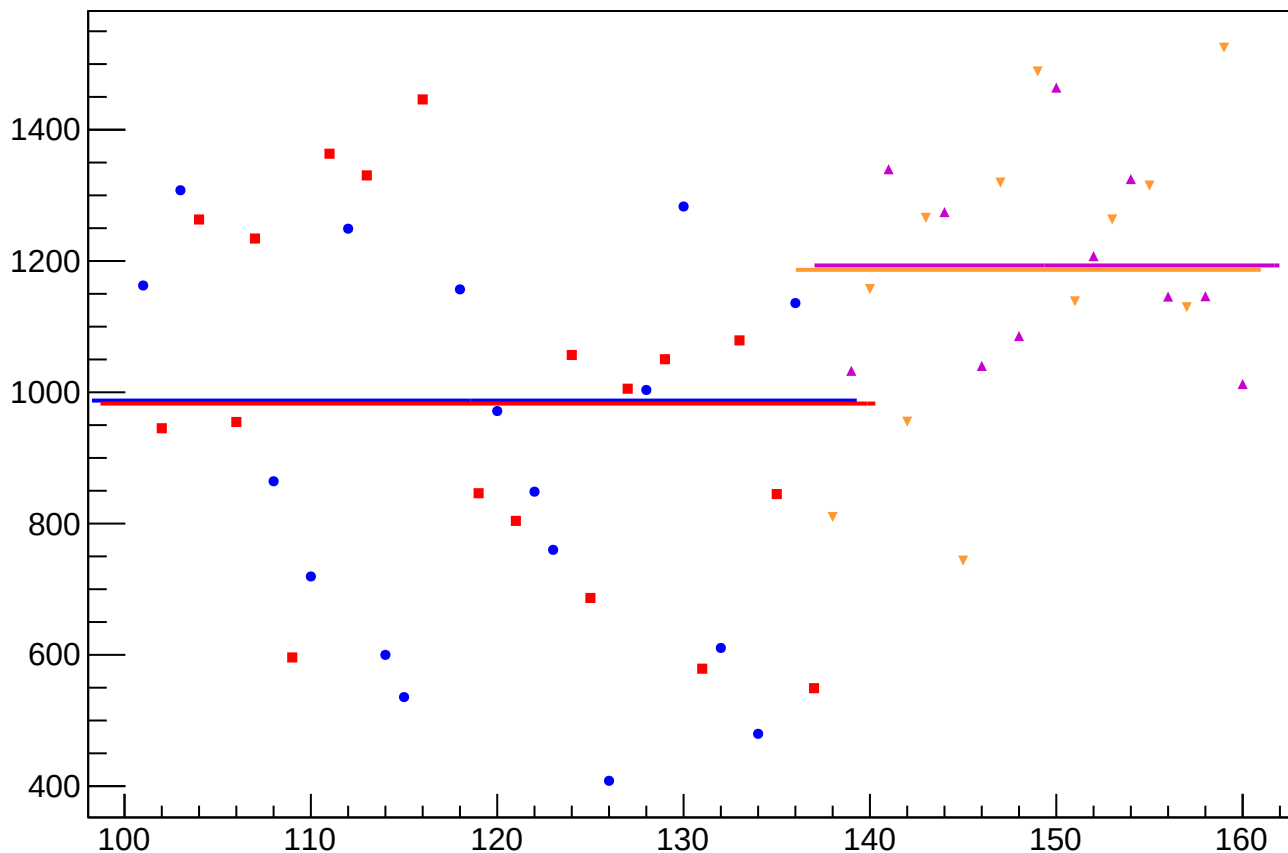
Right In: 4528.489 $\pm$ 0.000 χ^2 /NDF: 765984421186945141508299673026645807071232.0/16
 Left Out: 11369.972 $\pm$ 0.000 χ^2 /NDF: 36208718267646883298044880734212432330752.0/11
 Right Out: 11503.298 $\pm$ 0.000 χ^2 /NDF: 877839720750399952947204251622051720200192.0/17
 Left In: 12973.748 $\pm$ 0.000 χ^2 /NDF: 26423716846952217142475221393758111137792.0/10
 + sign 8408.032 $\pm$ 0.000 χ^2 /NDF: 82061316960143
 All: 10399.090 $\pm$ 0.000 χ^2 /NDF: 1738287913
 - sign 12335.780 $\pm$ 0.000 χ^2 /NDF: 9051386857681

dit_atl1_coil7_err_mean vs Slug



Right In: 1049.780+/-0.000 χ^2/NDF : 1038421858157169578640574748223478956032.0/16
 Left Out: 570.856+/-0.000 χ^2/NDF : 18128369827839480022049807034159726592.0/11
 Right Out: 1831.763+/-0.000 χ^2/NDF : 5560667897153995144780835972954558824448.0/17
 Left In: 581.939+/-0.000 χ^2/NDF : 1188160127531706993869358655522996224.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

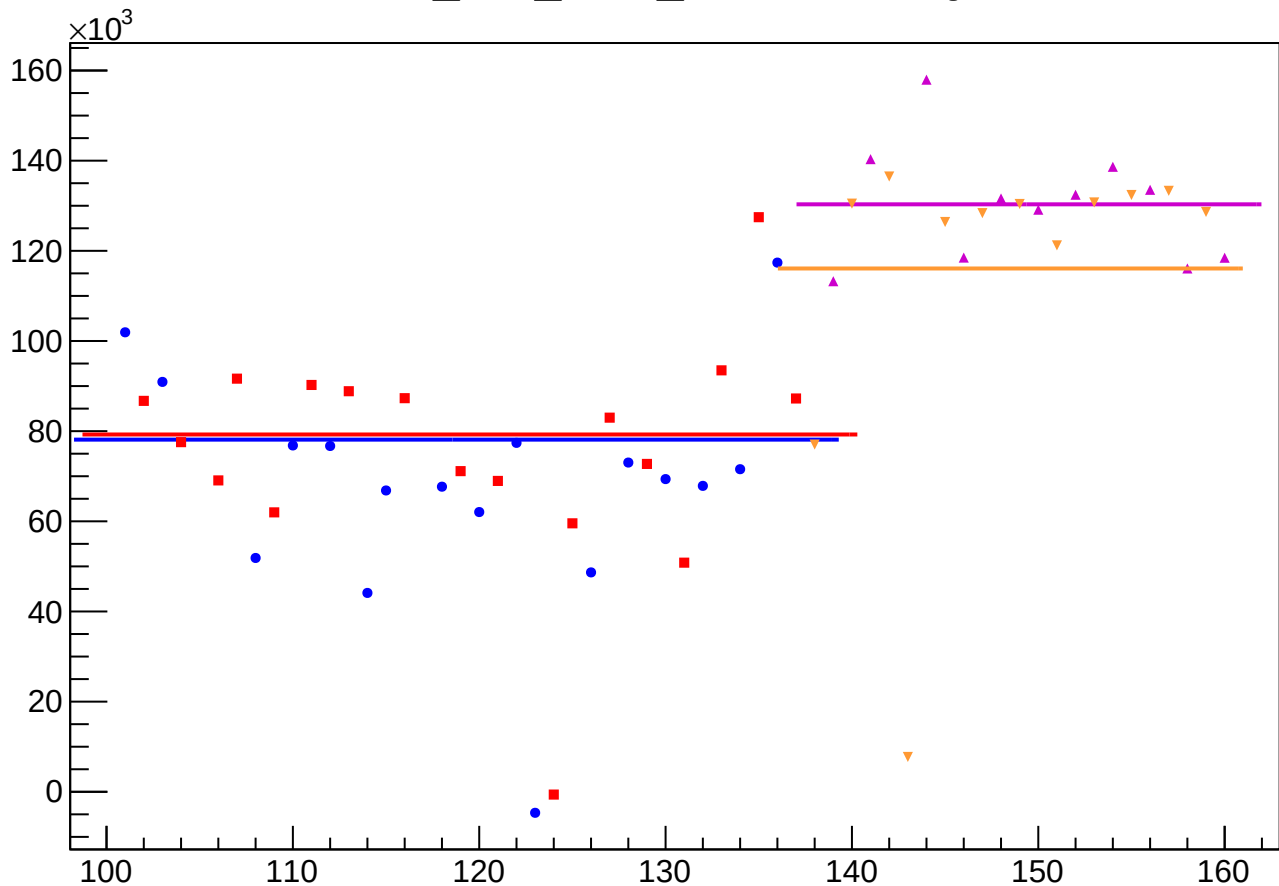
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

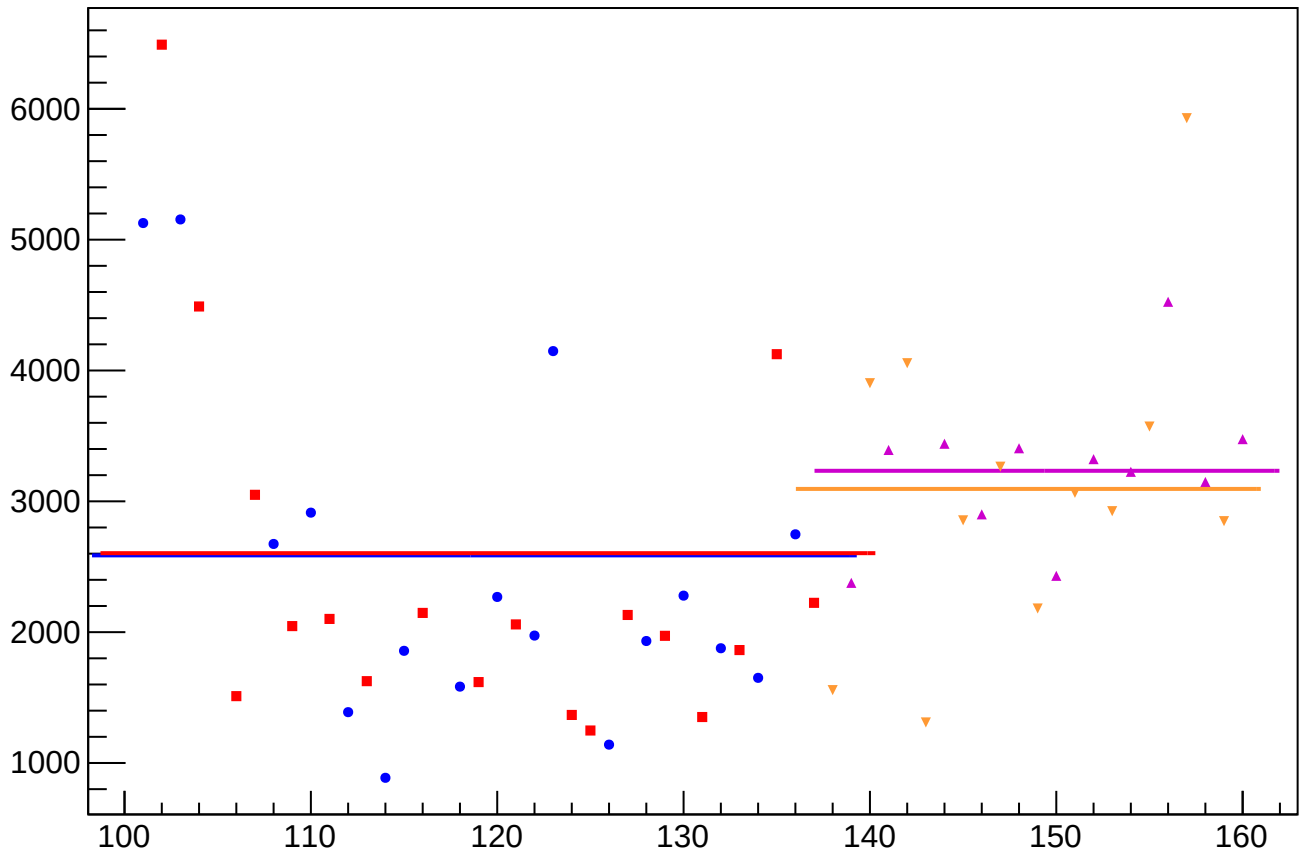
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_atl2_coil7_mean vs Slug



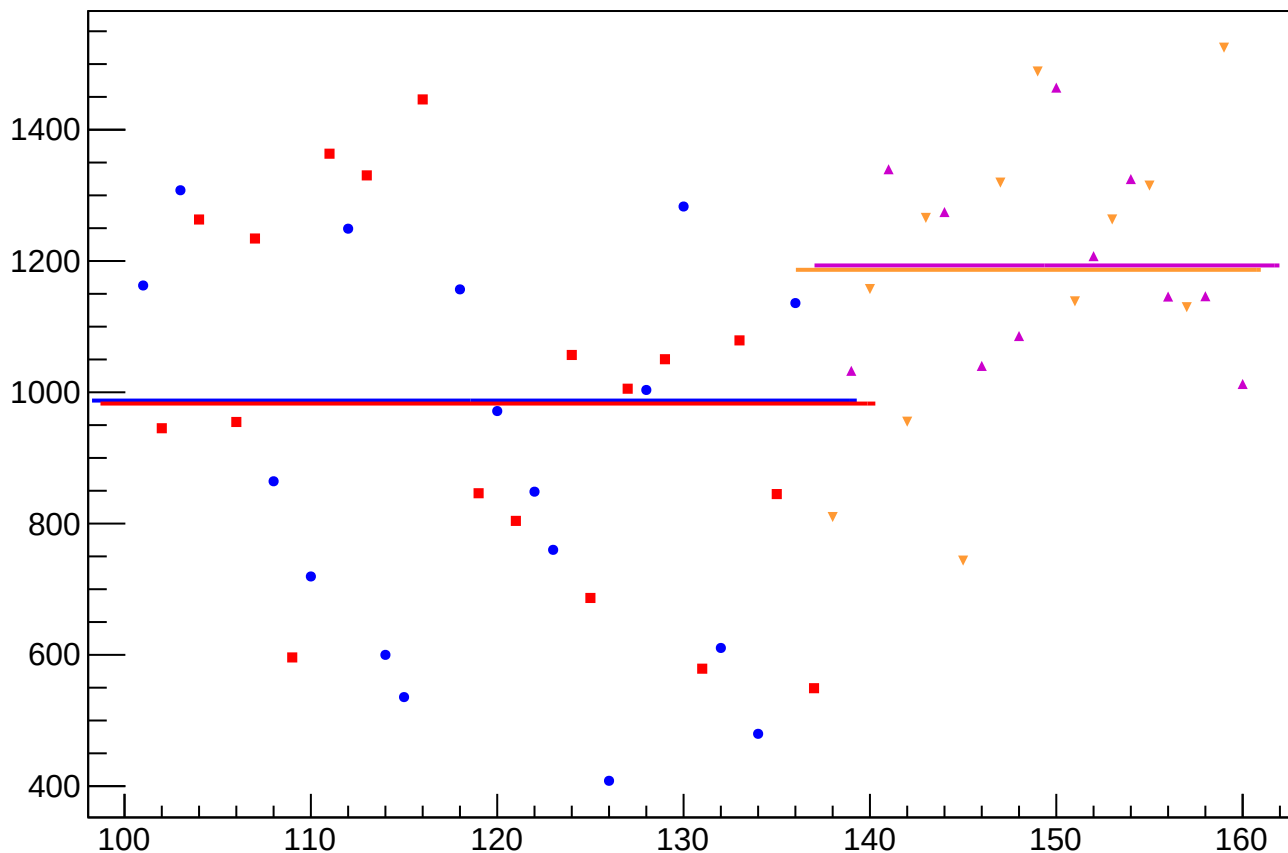
Right In: 78120.227+/-0.000 χ^2/NDF : 308820964030920149649775995002991312633856.0/16
 Left Out: 116083.925+/-0.000 χ^2/NDF : 1055028859665678299066390828243571544424448.0/11
 Right Out: 79260.499+/-0.000 χ^2/NDF : 303215964703866066986504542190112711114752.0/17
 Left In: 130317.995+/-0.000 χ^2/NDF : 147443434358857033174111826688008821669888.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2586.924+/-0.000 χ^2/NDF : 1122415737488478857695553804598689923072.0/16
 Left Out: 3094.875+/-0.000 χ^2/NDF : 1190700908263990863745595905660178923520.0/11
 Right Out: 2603.762+/-0.000 χ^2/NDF : 1547340202870581842616287406625719844864.0/17
 Left In: 3233.353+/-0.000 χ^2/NDF : 275364684617140508153597807706060619776.0/10

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

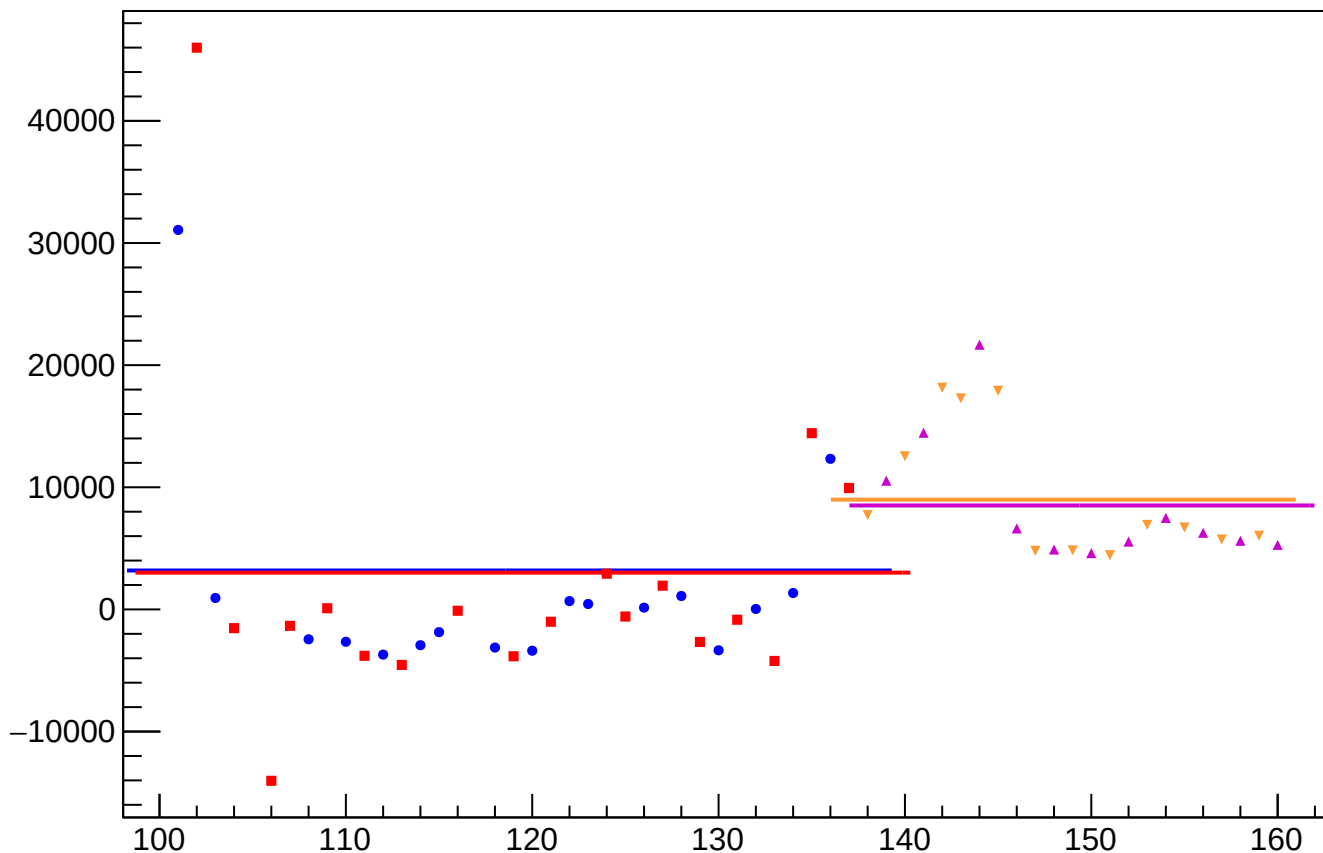
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

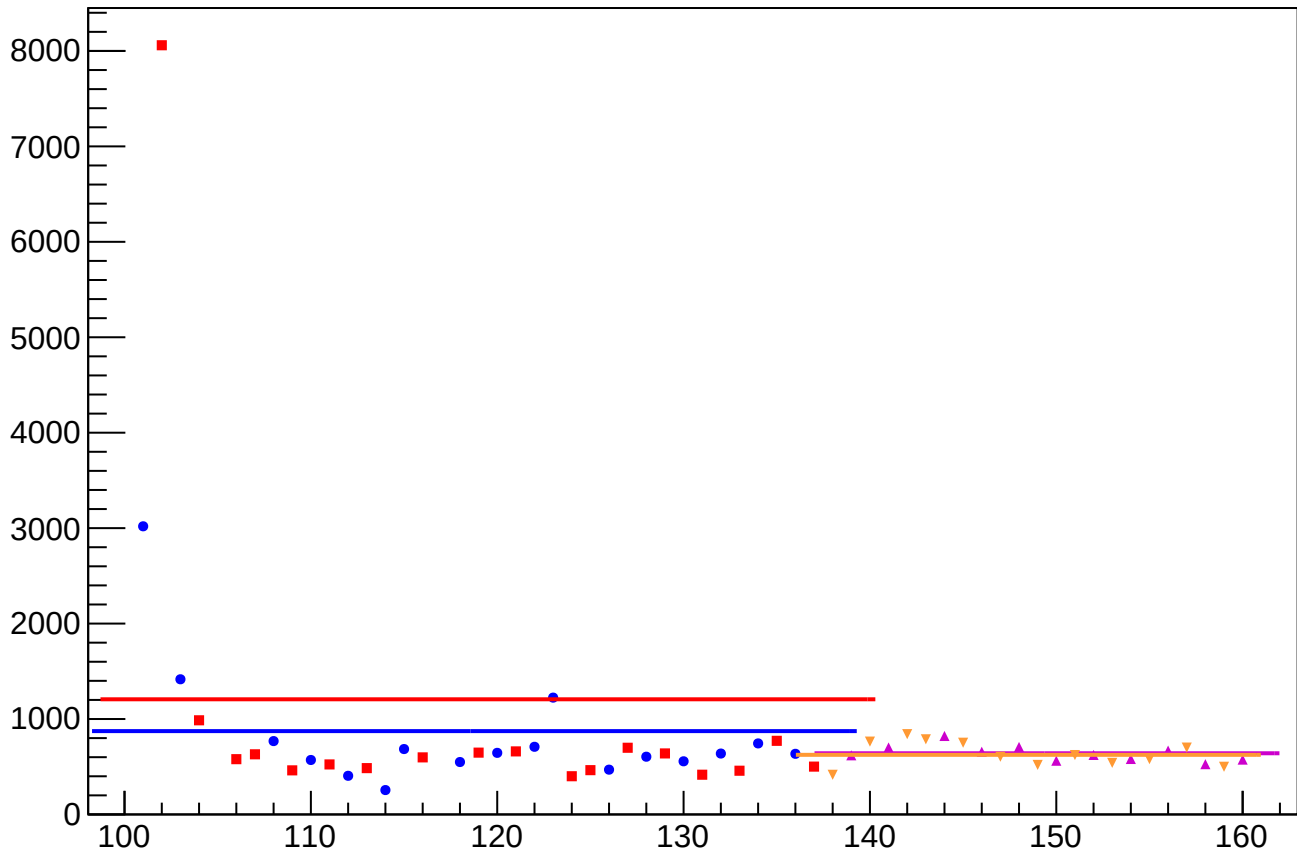
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_atr1_coil7_mean vs Slug



Right In: 3187.051+/-0.000 χ^2/NDF : 66270389171193911836791515591398561677312.0/16
 Left Out: 8990.897+/-0.000 χ^2/NDF : 22509101259112678607157462677691985559552.0/11
 Right Out: 3012.400+/-0.000 χ^2/NDF : 138157018088298657463529912150565226283008.0/17
 Left In: 8511.318+/-0.000 χ^2/NDF : 2433332735687390089977674929475300622336.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 873.306+/-0.000 χ^2/NDF : 340993590653355605867273192516364533760.0/16

Left Out: 624.813+/-0.000 χ^2/NDF : 13578620393793038879015873058055389184.0/11

Right Out: 1206.661+/-0.000 χ^2/NDF : 2979483538609797767268010500388070359040.0/17

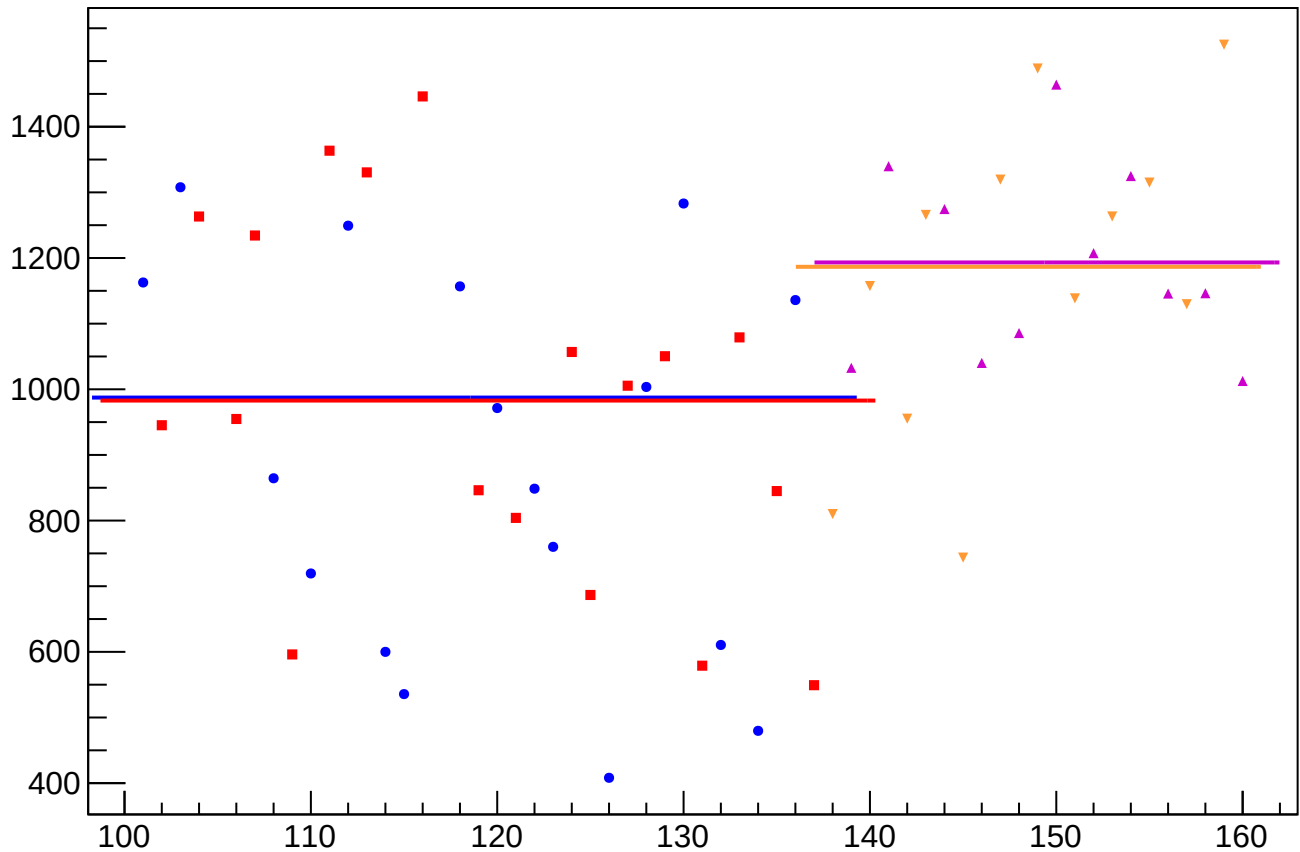
Left In: 641.139+/-0.000 χ^2/NDF : 6049738878029636256926202611114180608.0/10

+ sign 732.395+/-0.000 χ^2/NDF : 378872740147879

All: 810.512+/-0.000 χ^2/NDF : 351316106877

- sign 886.496+/-0.000 χ^2/NDF : 311499160767710

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

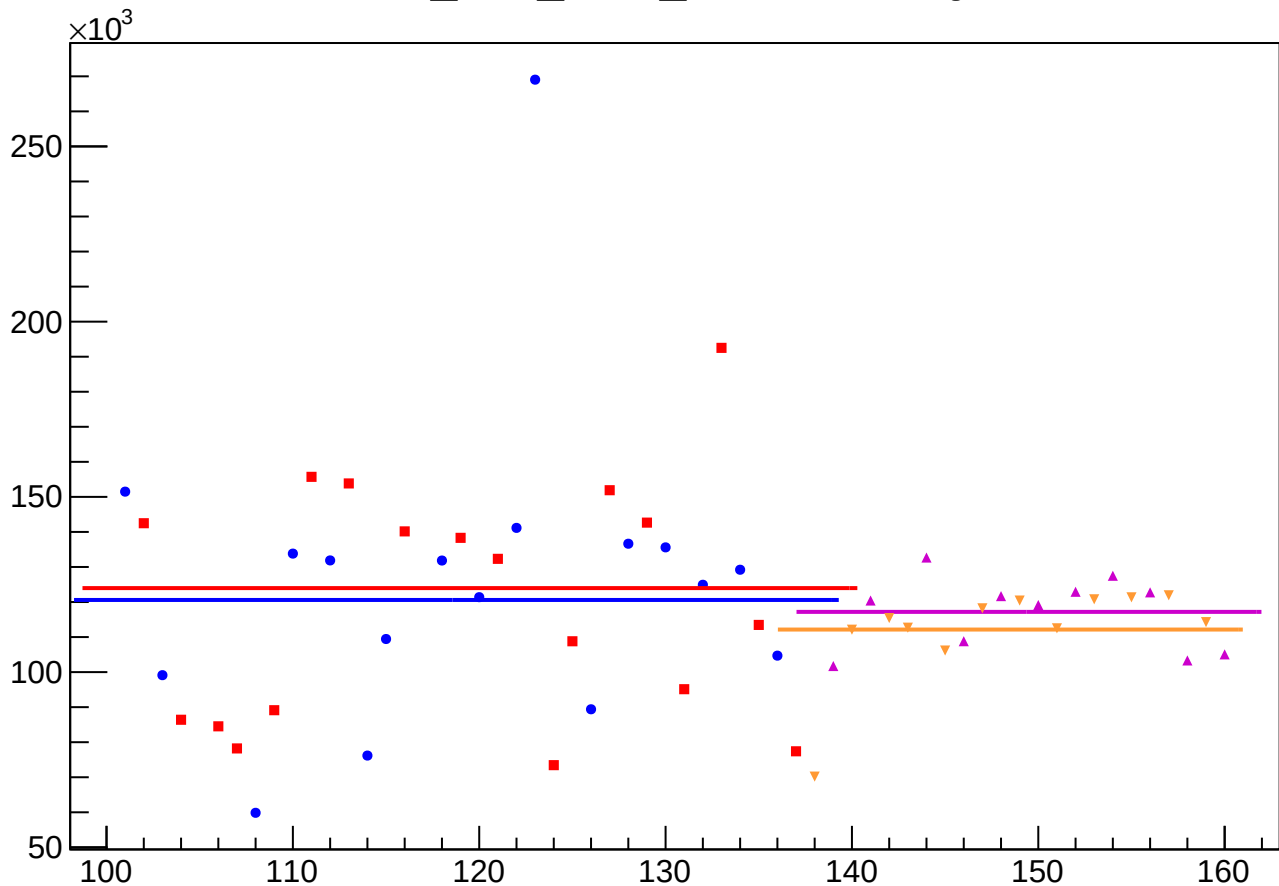
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

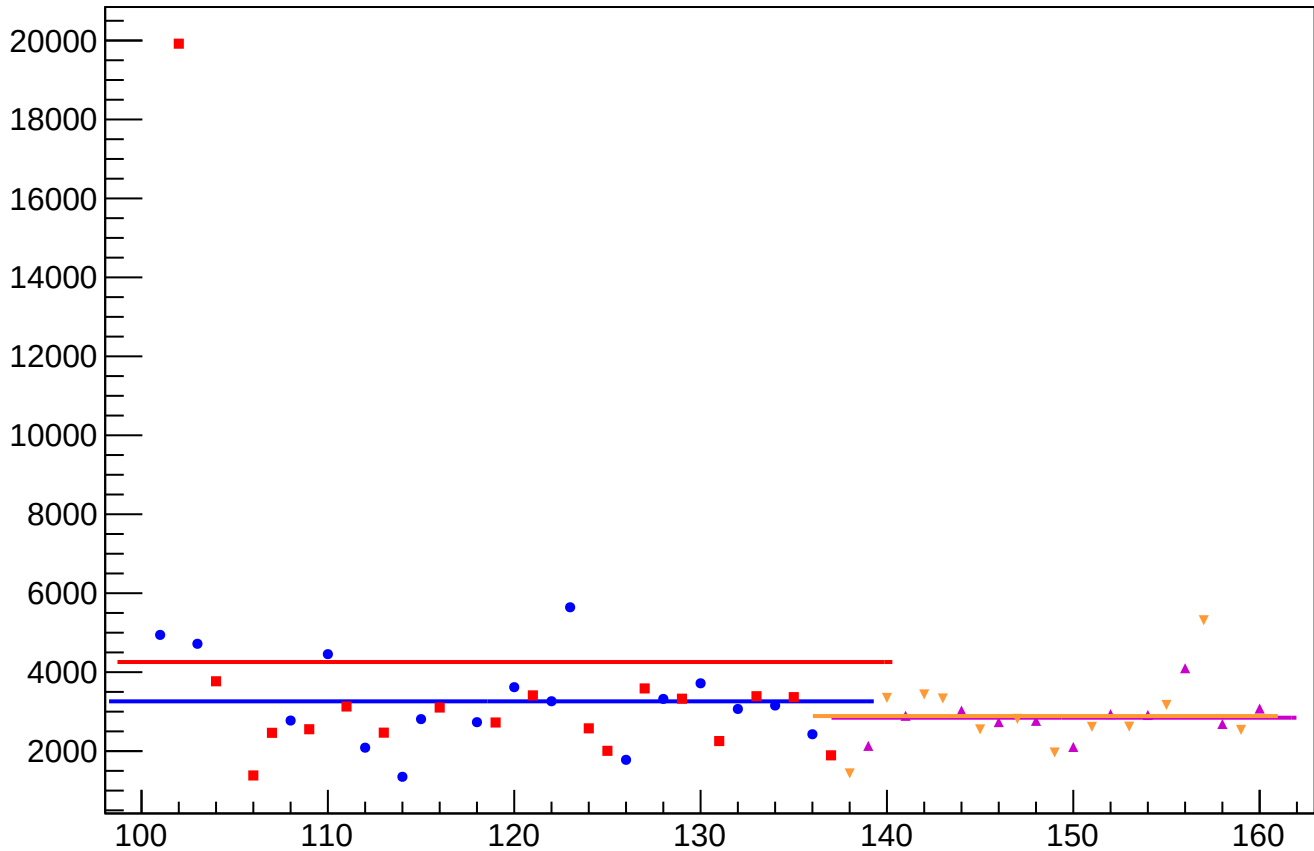
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_atr2_coil7_mean vs Slug



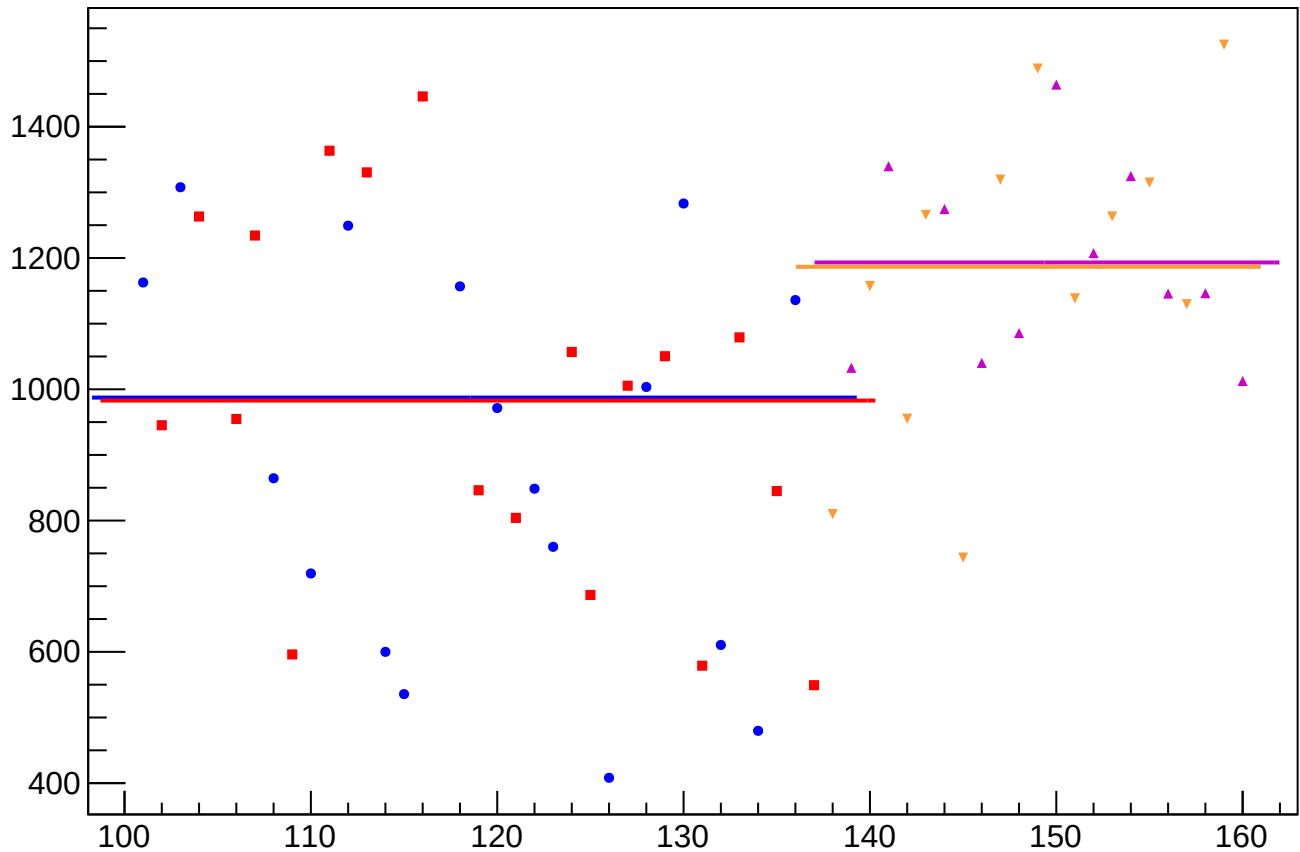
Right In: 120586.708 $\pm$ 0.000	χ^2 /NDF: 463702909226593065118055925390873188106240.0/16	+ sign 115799.833 $\pm$ 0.000	χ^2 /NDF: 661550430846
Left Out: 112145.166 $\pm$ 0.000	χ^2 /NDF: 169803943899249833628115478004203597594624.0/11	All: 117995.024 $\pm$ 0.000	χ^2 /NDF: 154233563
Right Out: 123970.573 $\pm$ 0.000	χ^2 /NDF: 754871099831913254311543250015602251661312.0/17	- sign 120130.275 $\pm$ 0.000	χ^2 /NDF: 865546841215
Left In: 117187.281 $\pm$ 0.000	χ^2 /NDF: 92050085463575690364904587071982548287488.0/10		

dit_atr2_coil7_err_mean vs Slug



Right In: 3260.820+/-0.000 χ^2/NDF : 672456168638567614426723356415113560064.0/16
 Left Out: 2888.367+/-0.000 χ^2/NDF : 753668821958591987367767496119843553280.0/11
 Right Out: 4256.861+/-0.000 χ^2/NDF : 15744364448860197338037677656678376407040.0/17
 Left In: 2846.533+/-0.000 χ^2/NDF : 228998195535204617287883903315551977472.0/10

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

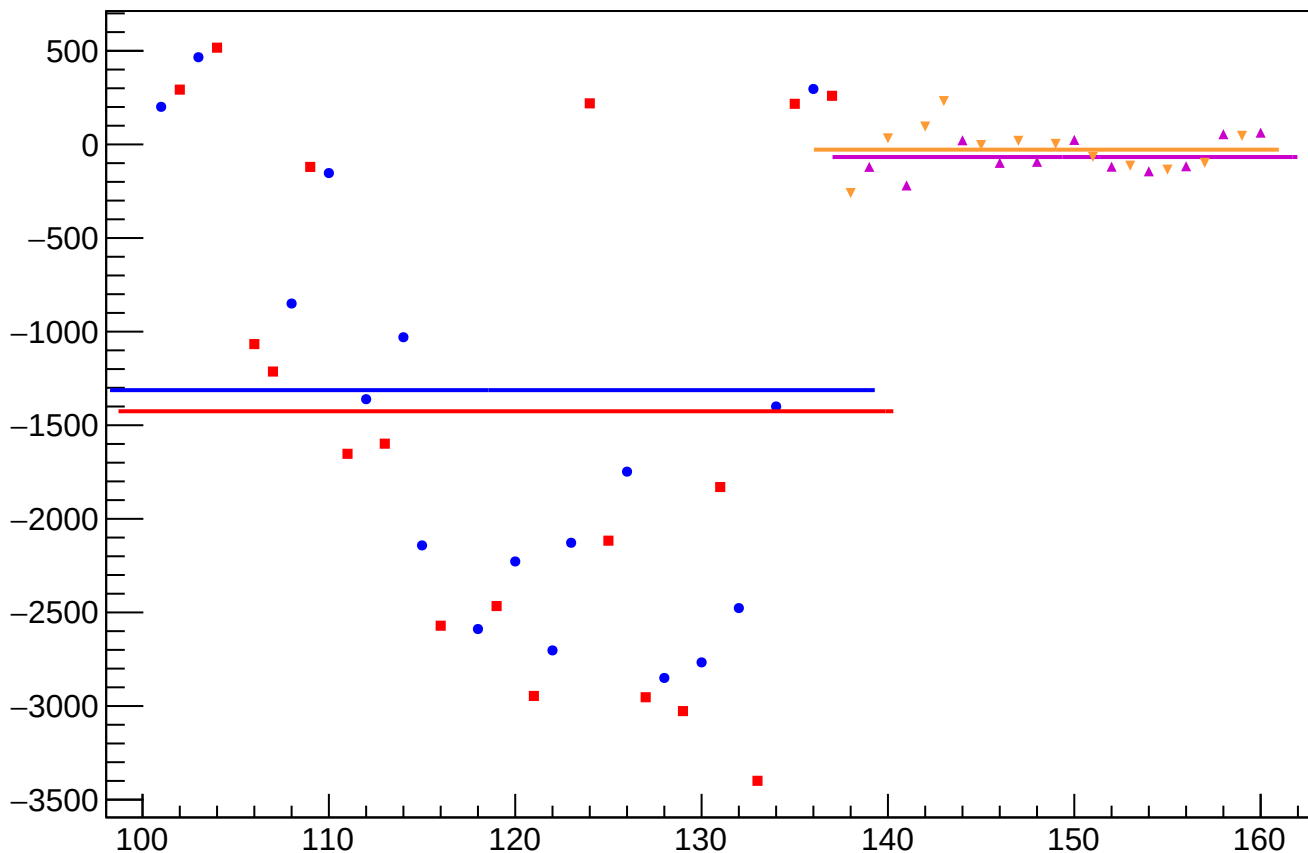
Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

dit_sam1_coil7_mean vs Slug



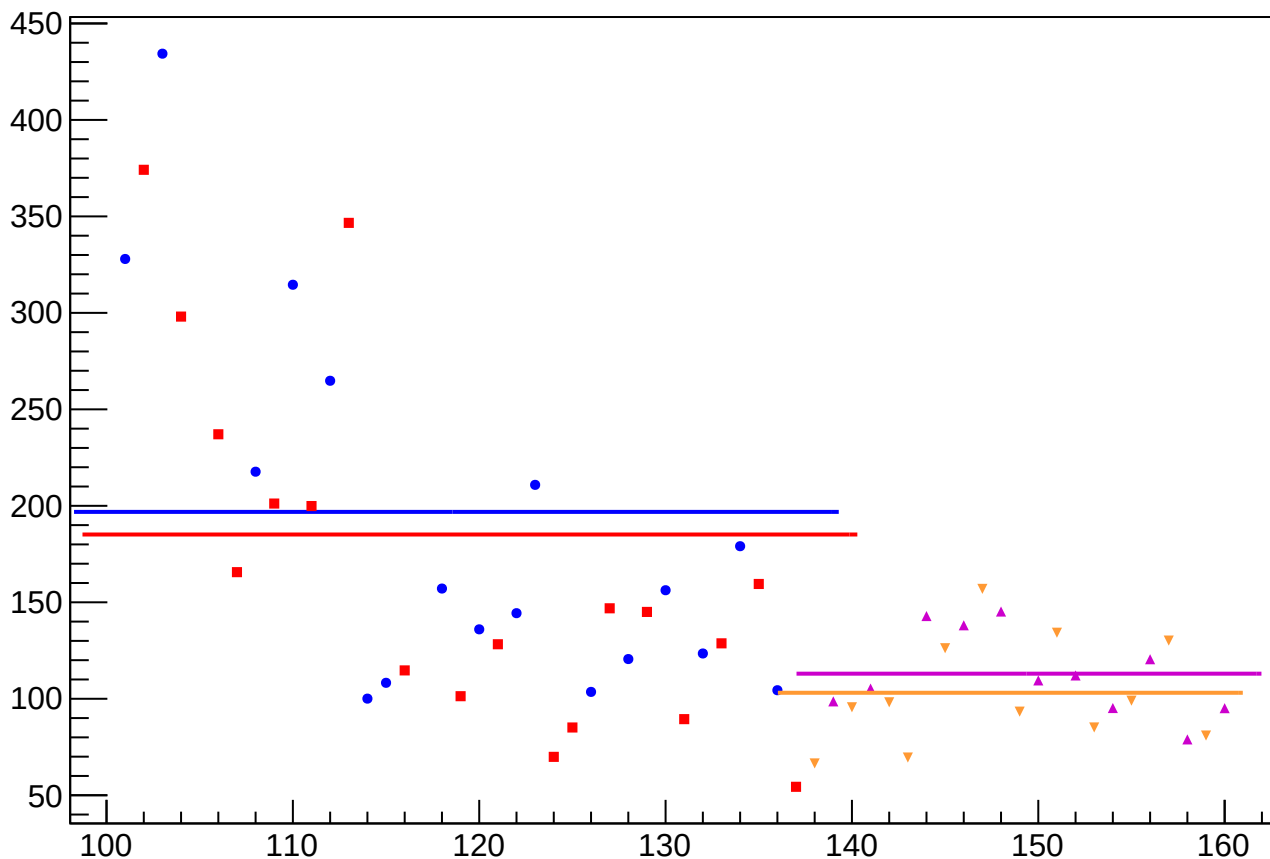
Right In: -1312.539 ± 0.000 χ^2/NDF : 1111791822009253468495433607153226612736.0/16

+ sign -584.068 ± 0.000 χ^2/NDF : 17736962722786
 Left Out: -27.898 ± 0.000 χ^2/NDF : 12443192627710109481350397021099393024.0/11

All: -620.791 ± 0.000 χ^2/NDF : 37915549619
 Right Out: -1425.319 ± 0.000 χ^2/NDF : 1259772432394270570555753847649915109376.0/17

- sign -656.511 ± 0.000 χ^2/NDF : 201359414612914
 Left In: -67.340 ± 0.000 χ^2/NDF : 7344542288743460655103542950920978432.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 196.858+/-0.000 χ^2/NDF : 7337666778319090402870822115647422464.0/16

Left Out: 103.111+/-0.000 χ^2/NDF : 658393761495499558426534507754553344.0/11

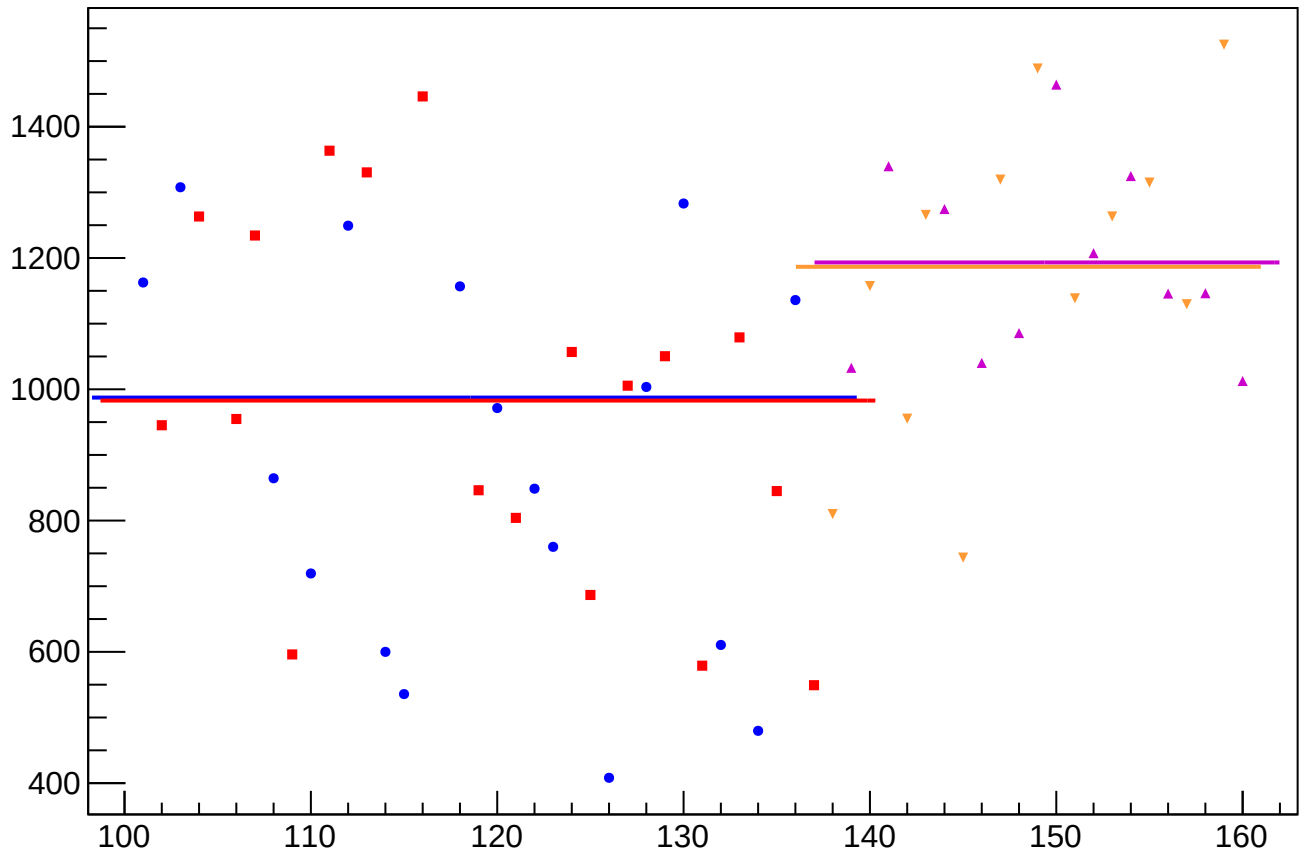
Right Out: 185.135+/-0.000 χ^2/NDF : 6160706554997434160213032977968398336.0/17

Left In: 113.009+/-0.000 χ^2/NDF : 394825243882053718517351386298974208.0/10

All: 144.004+/-0.000 χ^2/NDF : 201163236509

- sign 144.302+/-0.000 χ^2/NDF : 866133834293192

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

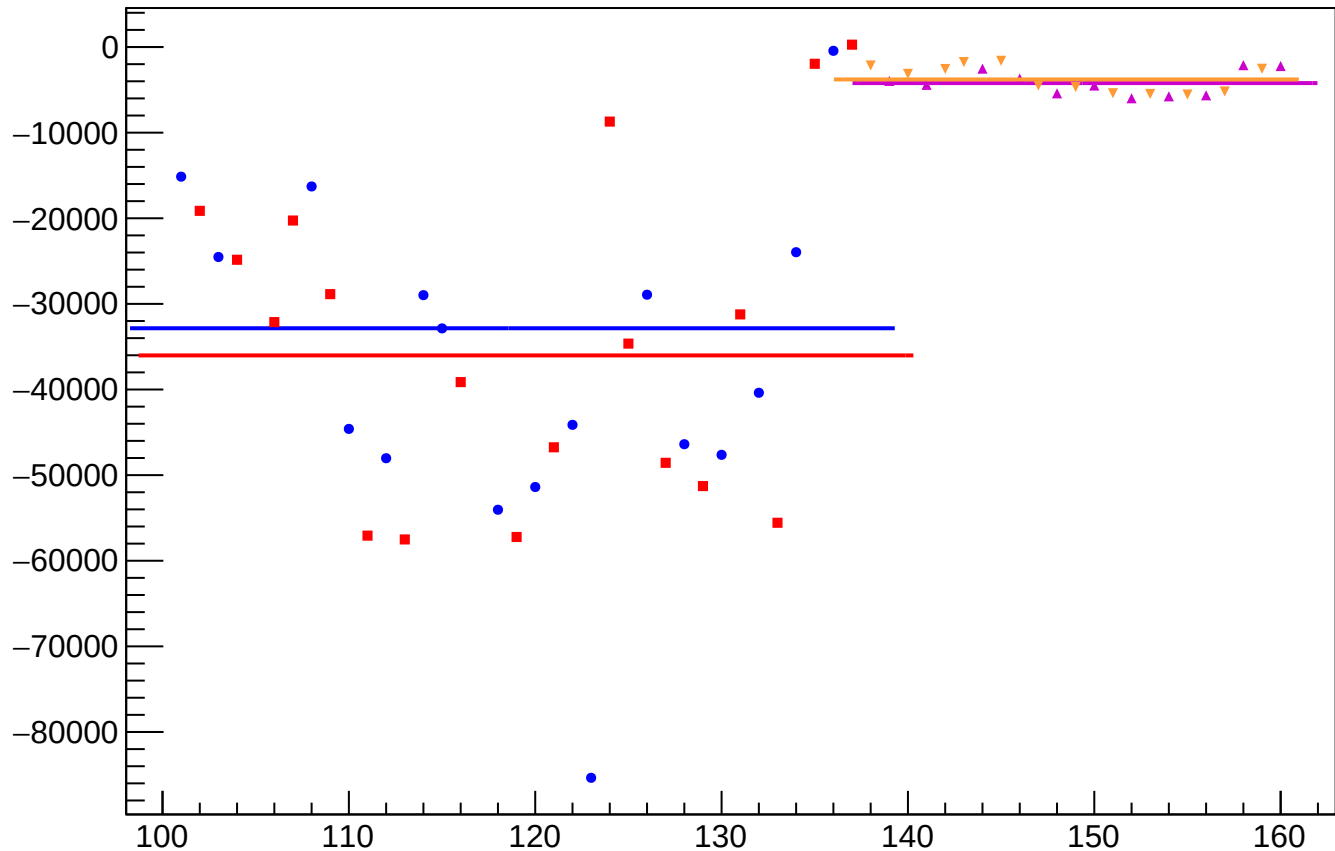
Left Out: 1186.594+/-0.000 χ^2/NDF : 4976336201955548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

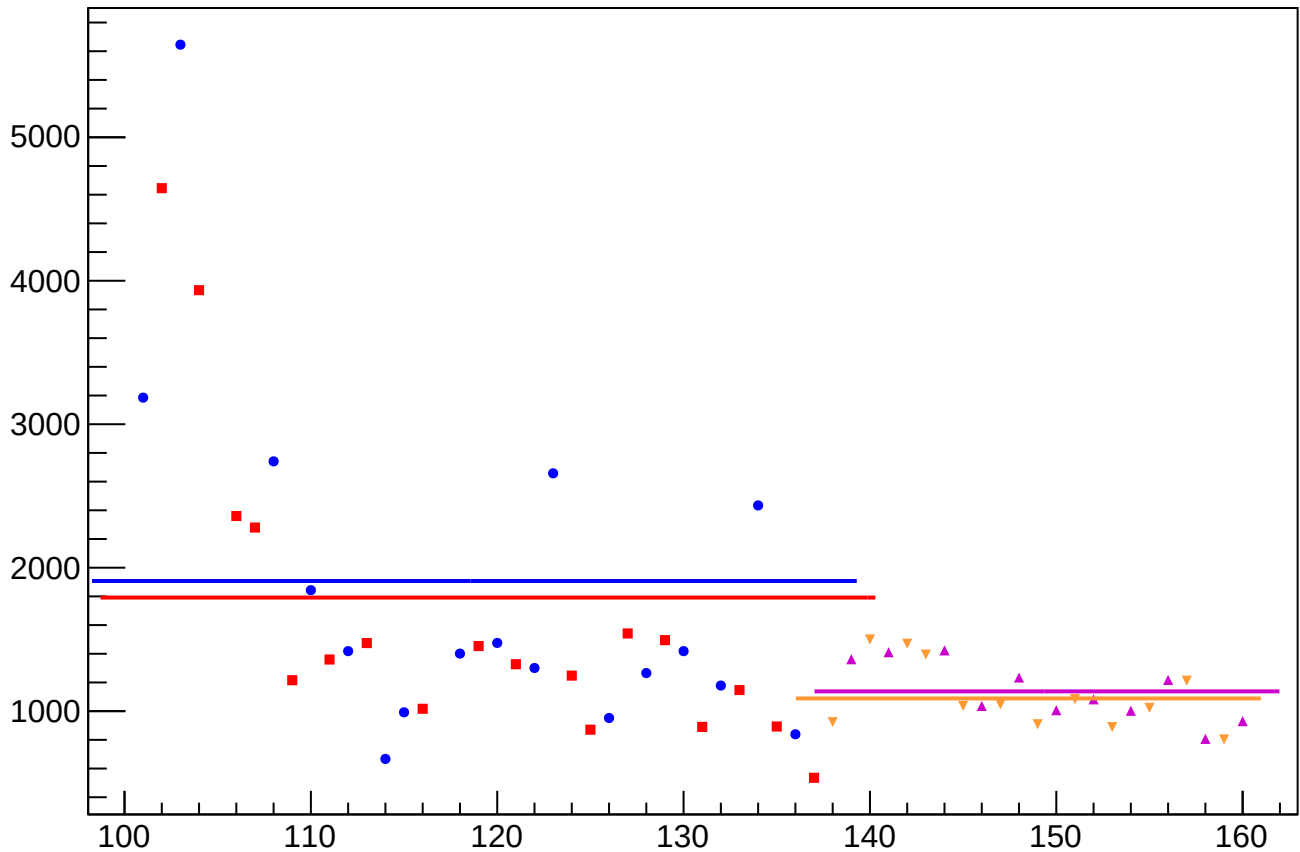
All: 1101.159+/-0.000 χ^2/NDF : 20269903253

dit_sam2_coil7_mean vs Slug



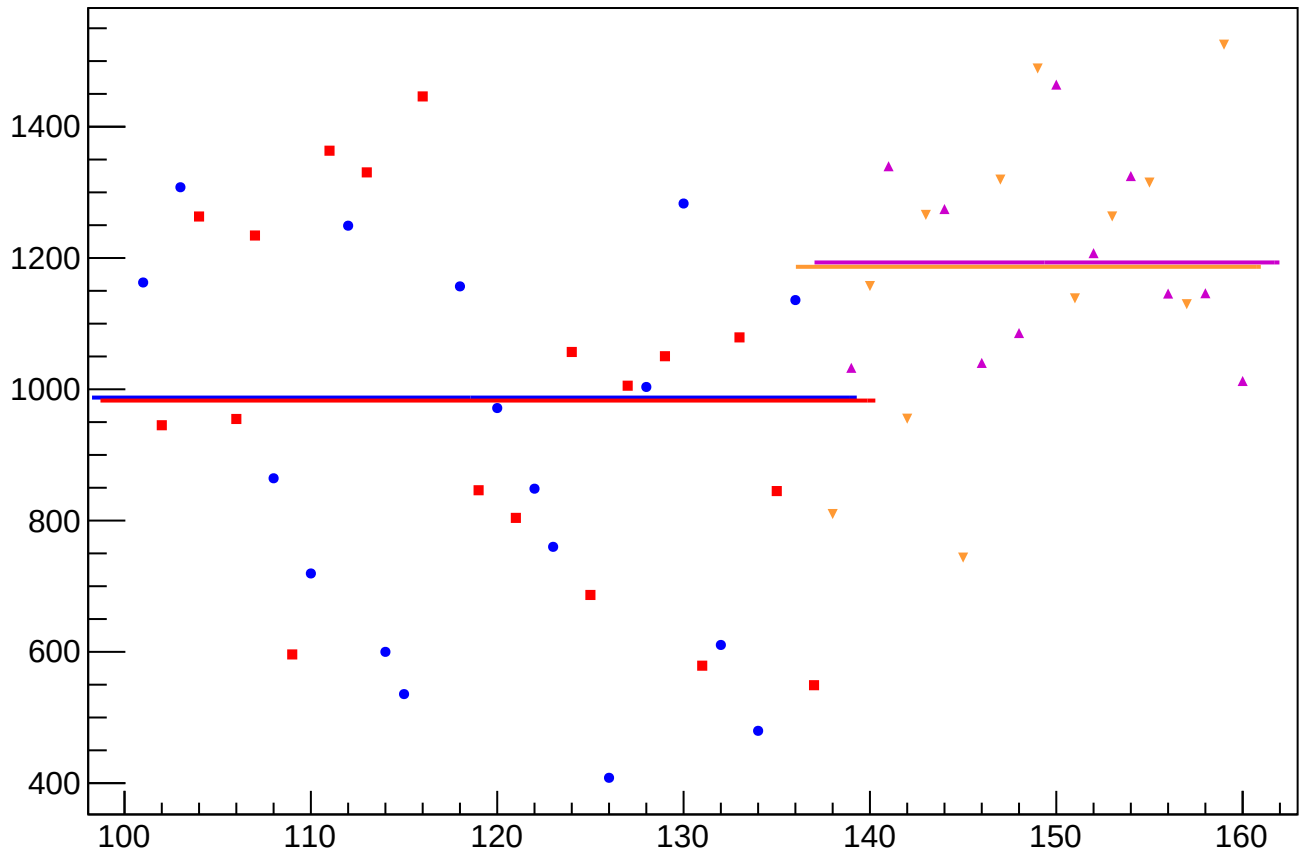
Right In: -32846.038 ± 0.000 $\chi^2/\text{NDF}: 219637368732777746312600570455176987541504.0/16$
 Left Out: -3785.473 ± 0.000 $\chi^2/\text{NDF}: 2024140029118734707580792113032155103232.0/11$
 Right Out: -36017.918 ± 0.000 $\chi^2/\text{NDF}: 228867649175680979480074989628486510968832.0/17$
 Left In: -4210.293 ± 0.000 $\chi^2/\text{NDF}: 1745128048653719102038328653644061212672.0/10$

dit_sam2_coil7_err_mean vs Slug



Right In: 1907.271+/-0.000	χ^2/NDF : 1224904405299911350916968067746563620864.0/16	+ sign 1443.105+/-0.000	χ^2/NDF : 15320108085942
Left Out: 1088.725+/-0.000	χ^2/NDF : 43426775502308875672481877774003339264.0/11	All: 1432.204+/-0.000	χ^2/NDF : 26828533735
Right Out: 1791.825+/-0.000	χ^2/NDF : 941640864566938486349149292441762791424.0/17	- sign 1421.601+/-0.000	χ^2/NDF : 11504668254890
Left In: 1137.882+/-0.000	χ^2/NDF : 35720611822327029625984911153333010432.0/10		

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

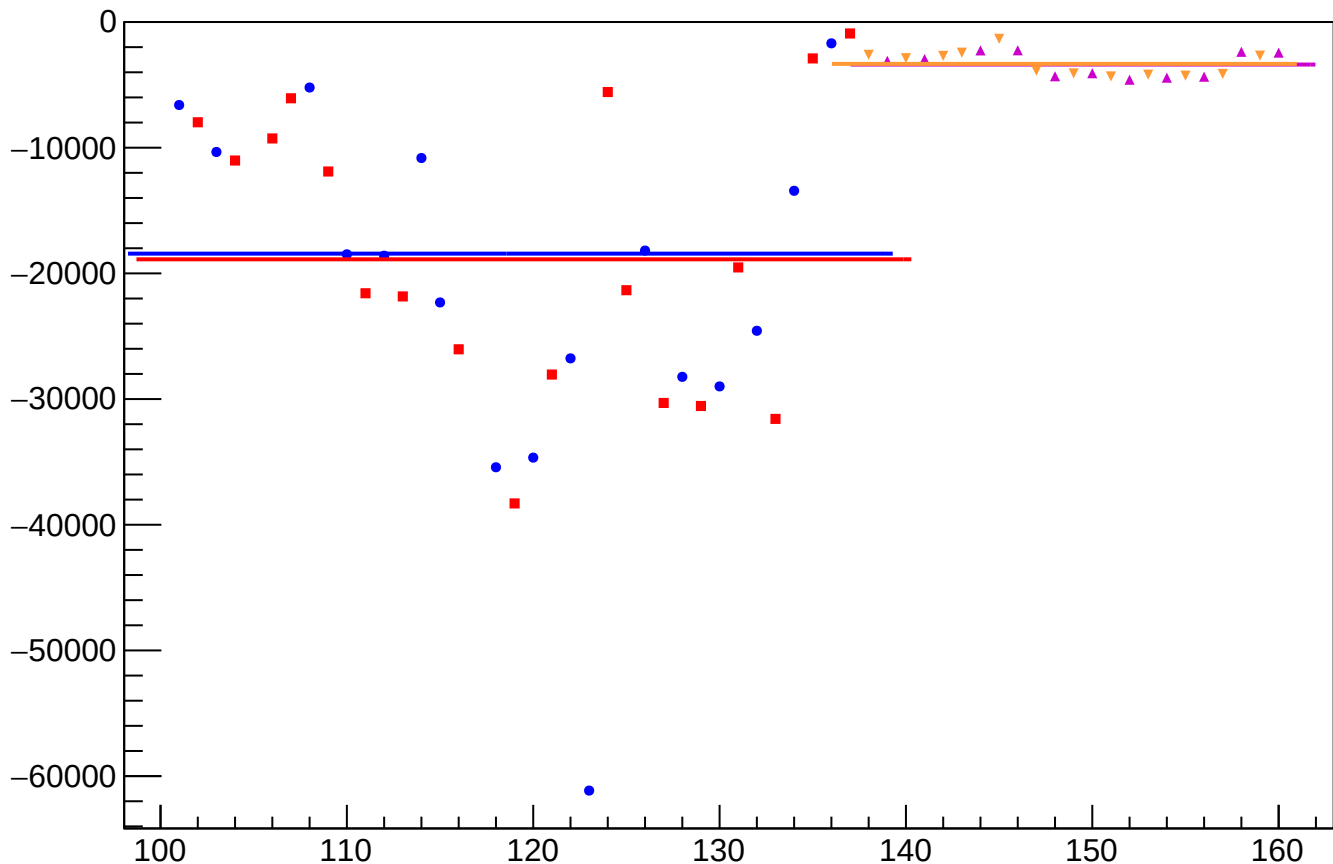
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam3_coil7_mean vs Slug



Right In: -18428.768+/-0.000 χ^2/NDF : 91790167940984507561863911678204862005248.0/16

Left Out: -3330.218+/-0.000 χ^2/NDF : 801638931401536809328175362972460253184.0/11

Right Out: -18880.571+/-0.000 χ^2/NDF : 85627666736634579824962235279591398703104.0/17

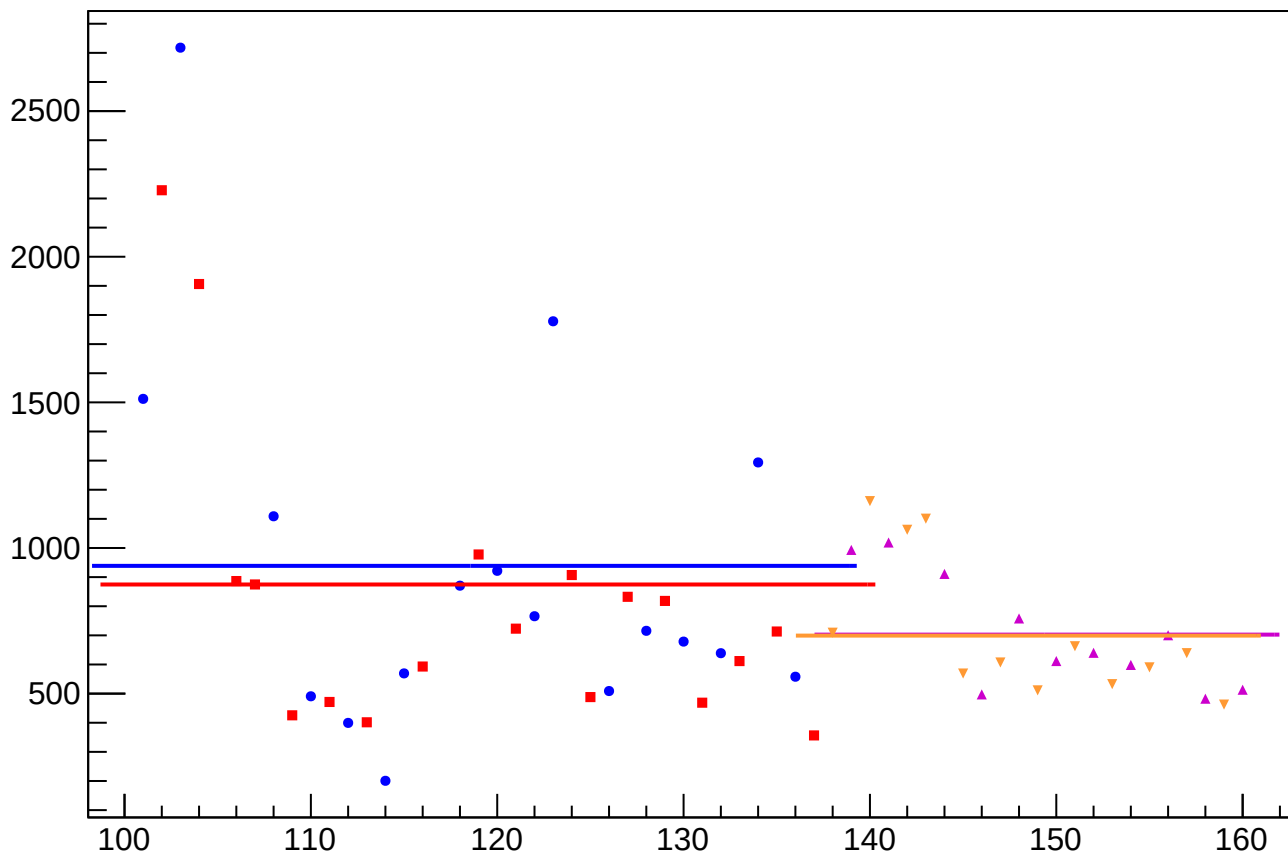
Left In: -3383.309+/-0.000 χ^2/NDF : 816279200160971630569460981745055694848.0/10

+ sign -9866.958+/-0.000 χ^2/NDF : 1823058279911

All: -9988.609+/-0.000 χ^2/NDF : 3660131831

- sign -10106.939+/-0.000 χ^2/NDF : 1836605571532

dit_sam3_coil7_err_mean vs Slug



Right In: 938.658+/-0.000 χ^2/NDF : 274123287156186942430302567816841134080.0/16

Left Out: 699.181+/-0.000 χ^2/NDF : 47485076871287899089179265063714816000.0/11

Right Out: 874.671+/-0.000 χ^2/NDF : 212705560210060381413787152265269739520.0/17

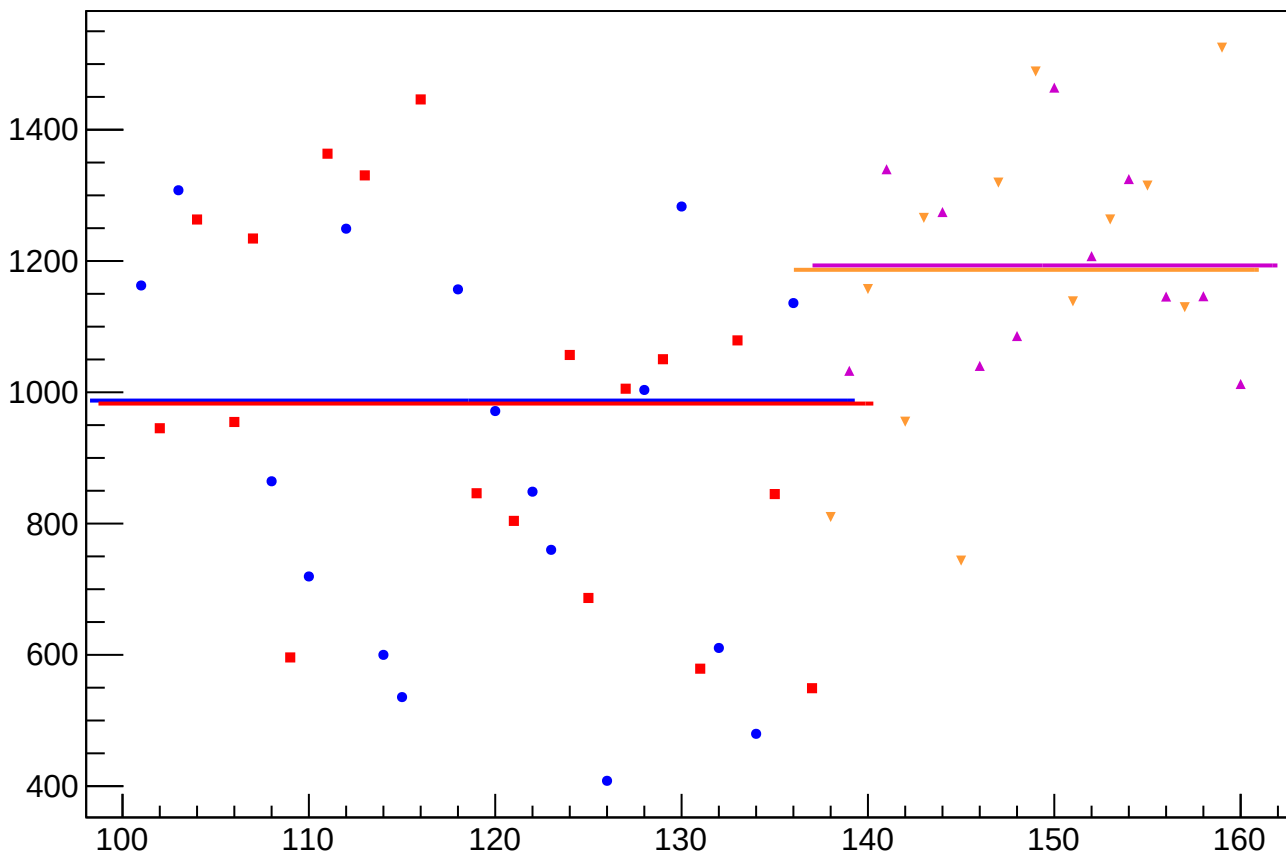
Left In: 702.545+/-0.000 χ^2/NDF : 31919745309700759426030449402090356736.0/10

All: 789.864+/-0.000 χ^2/NDF : 601329698427

+ sign 802.860+/-0.000 χ^2/NDF : 344177515129287

- sign 777.223+/-0.000 χ^2/NDF : 256618133960327

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

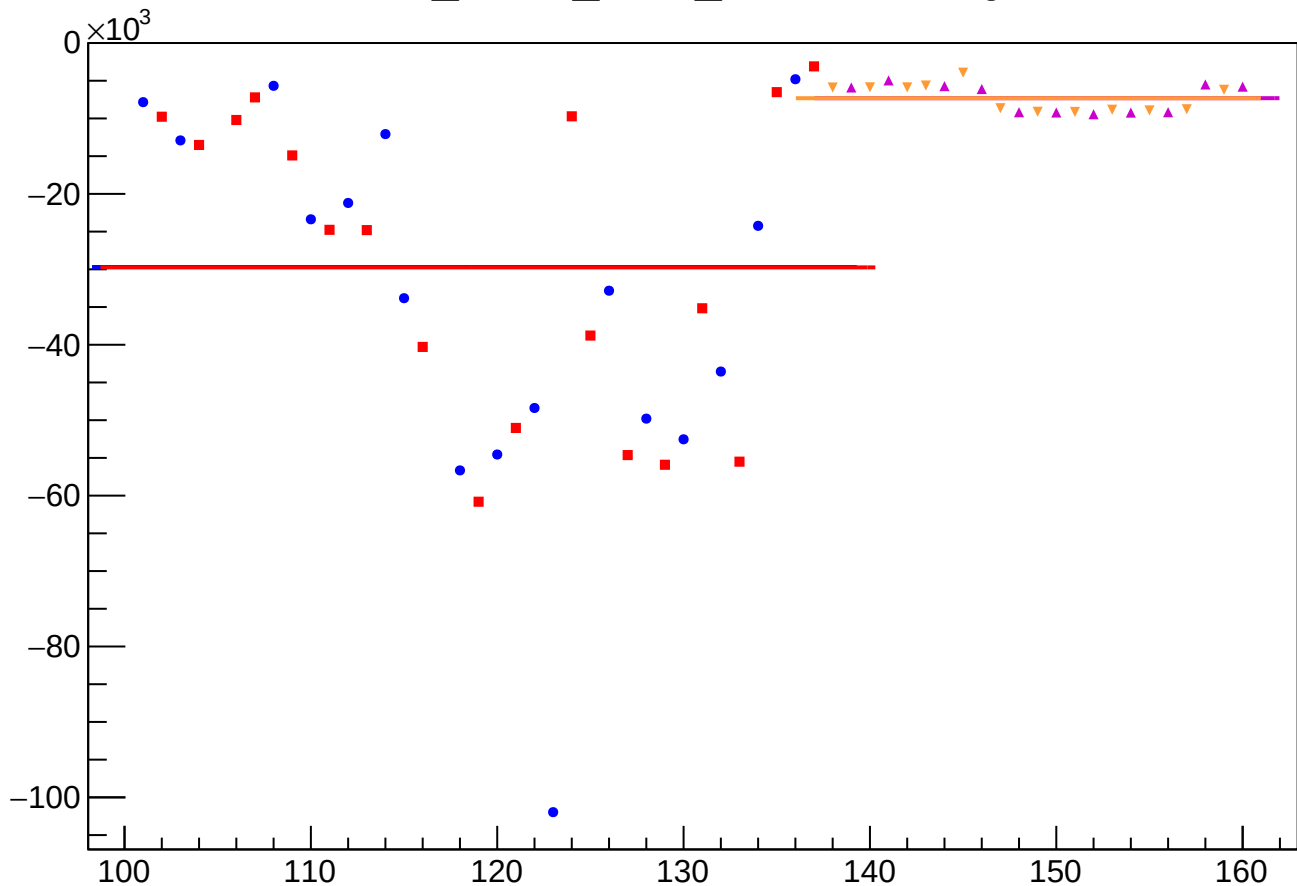
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

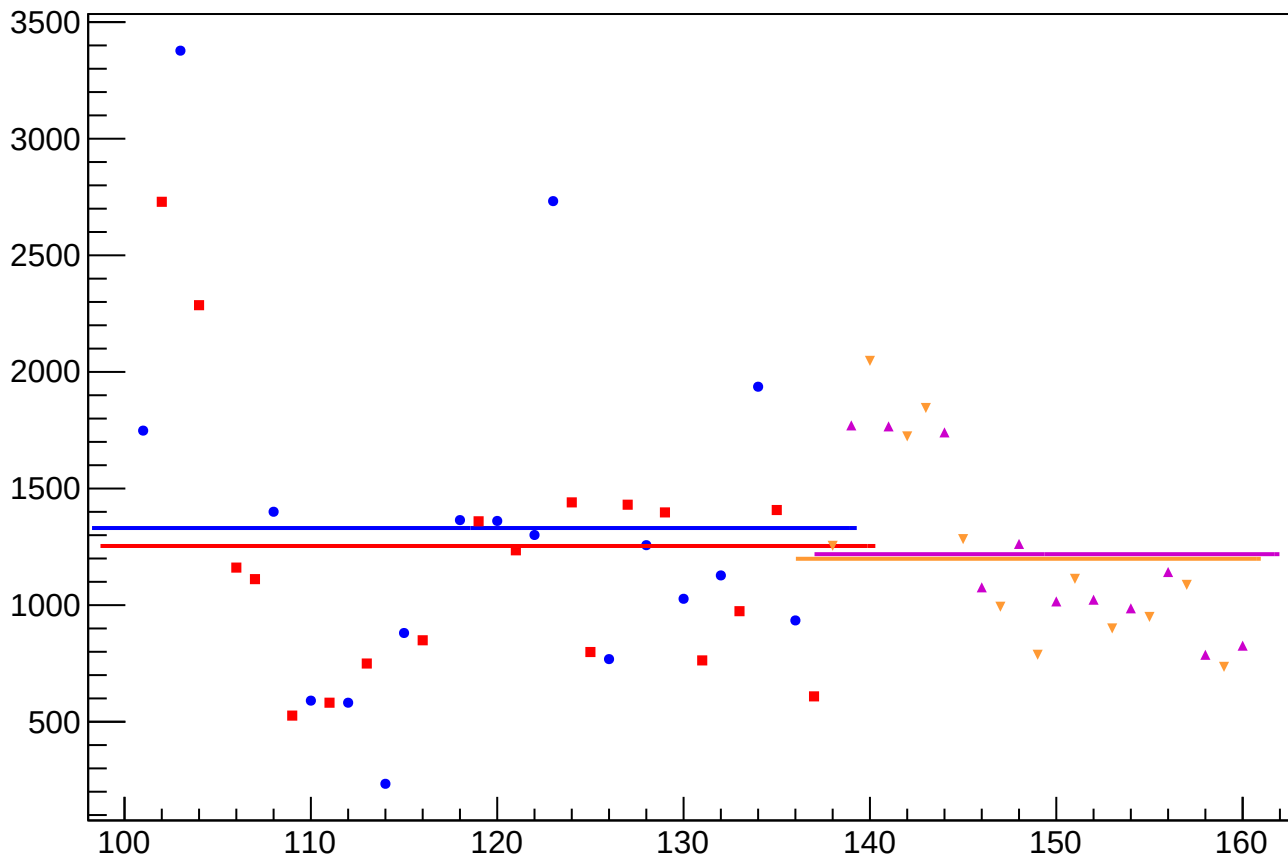
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam4_coil7_mean vs Slug



Right In: -29694.846 ± 0.000 χ^2/NDF : 282999478252028644685471433230520510578688.0/16
 Left Out: -7317.919 ± 0.000 χ^2/NDF : 2833730252125360195766219580881057611776.0/11
 Right Out: -29744.384 ± 0.000 χ^2/NDF : 283667805670372144788905534129497910018048.0/17
 Left In: -7312.611 ± 0.000 χ^2/NDF : 3060303804070457713816420667232681459712.0/10
 All: -17025.565 ± 0.000 χ^2/NDF : 973303423
 + sign -17005.747 ± 0.000 χ^2/NDF : 482889699815
 - sign -17044.843 ± 0.000 χ^2/NDF : 4904124813055

dit_sam4_coil7_err_mean vs Slug



Right In: 1330.668+/-0.000 χ^2/NDF : 371034150705348959312326123153556242432.0/16

Left Out: 1198.833+/-0.000 χ^2/NDF : 149280196072306589418447697644691128320.0/11

Right Out: 1253.657+/-0.000 χ^2/NDF : 276351047411985398179849131600767877120.0/17

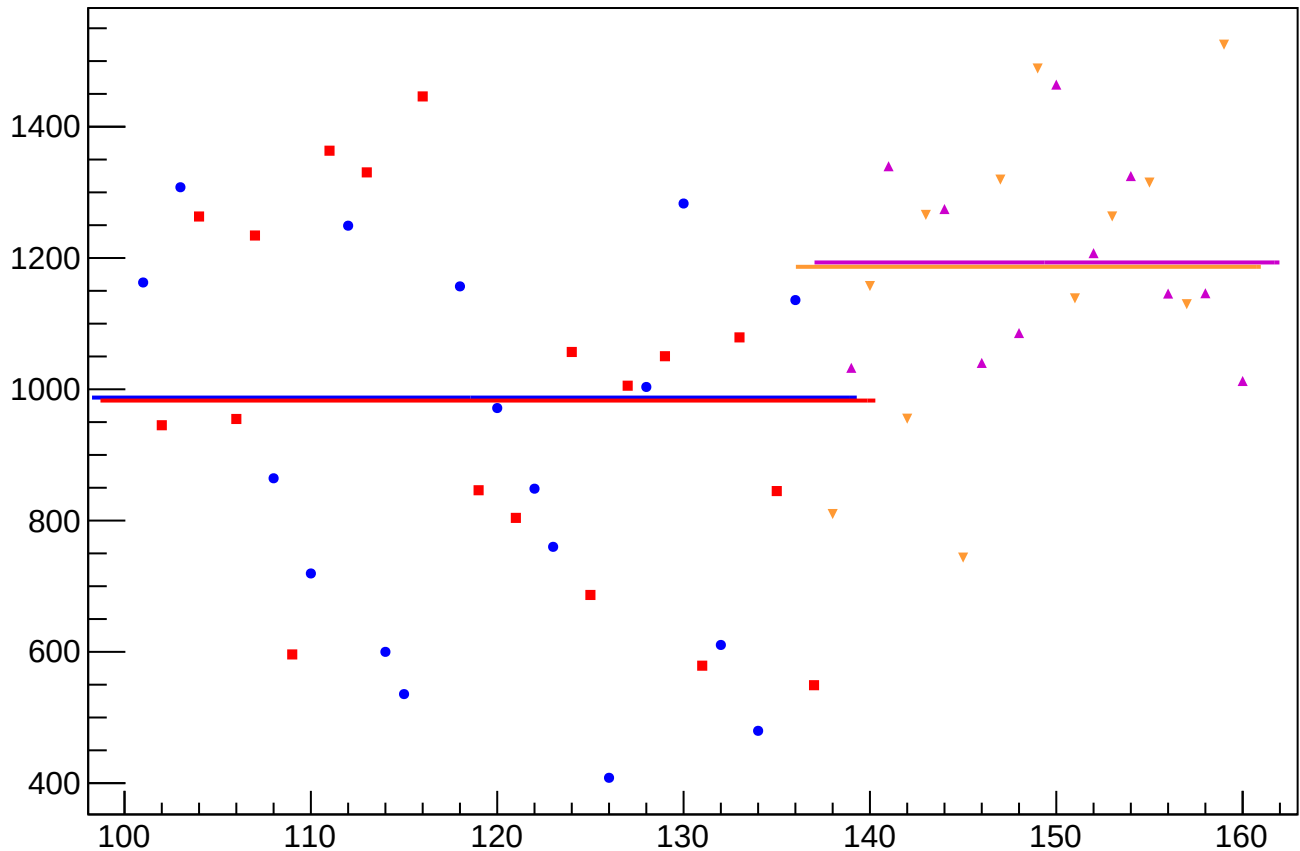
Left In: 1218.551+/-0.000 χ^2/NDF : 116488756058911306830868466308868997120.0/10

+ sign 1255.910+/-0.000 χ^2/NDF : 52715430621257

All: 1244.692+/-0.000 χ^2/NDF : 92089086990

- sign 1233.782+/-0.000 χ^2/NDF : 39333868628059

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

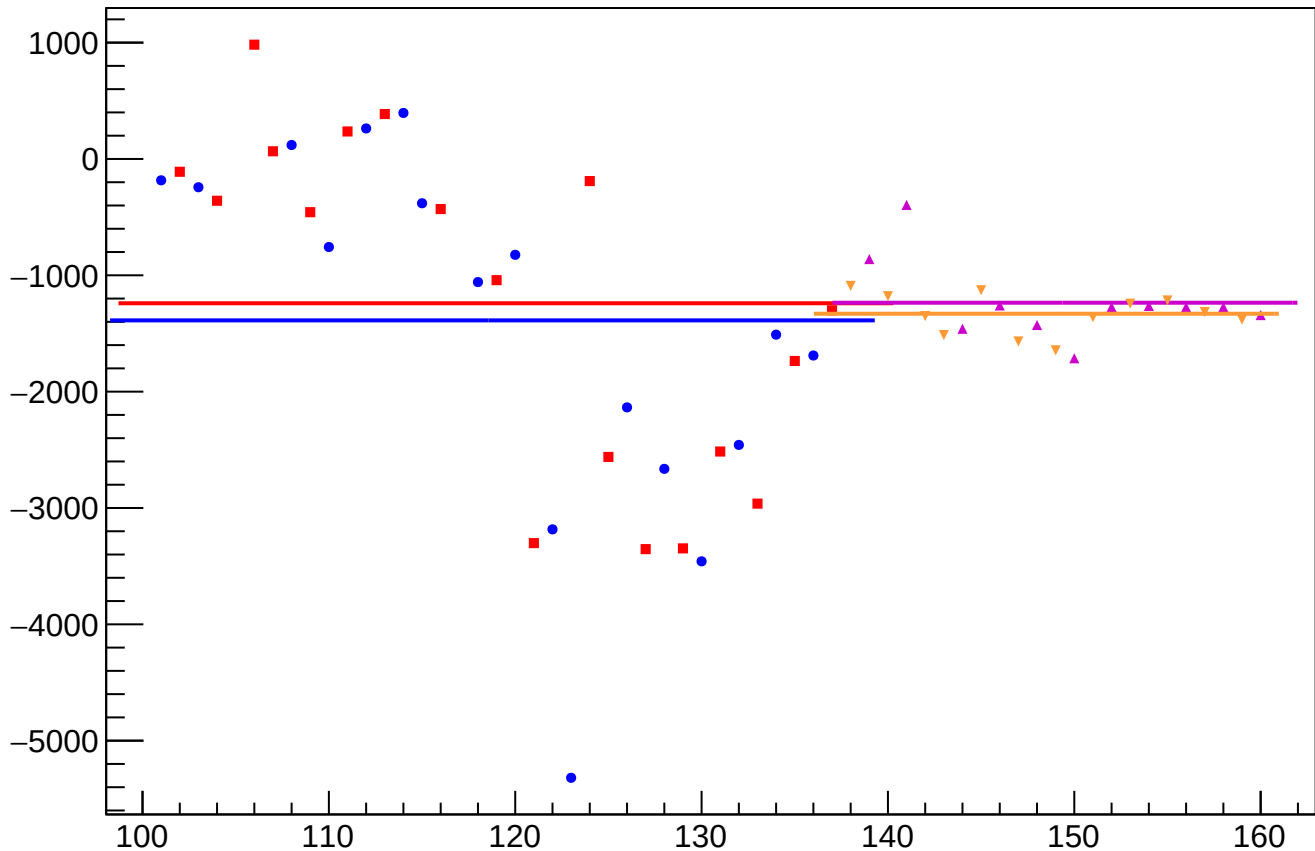
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

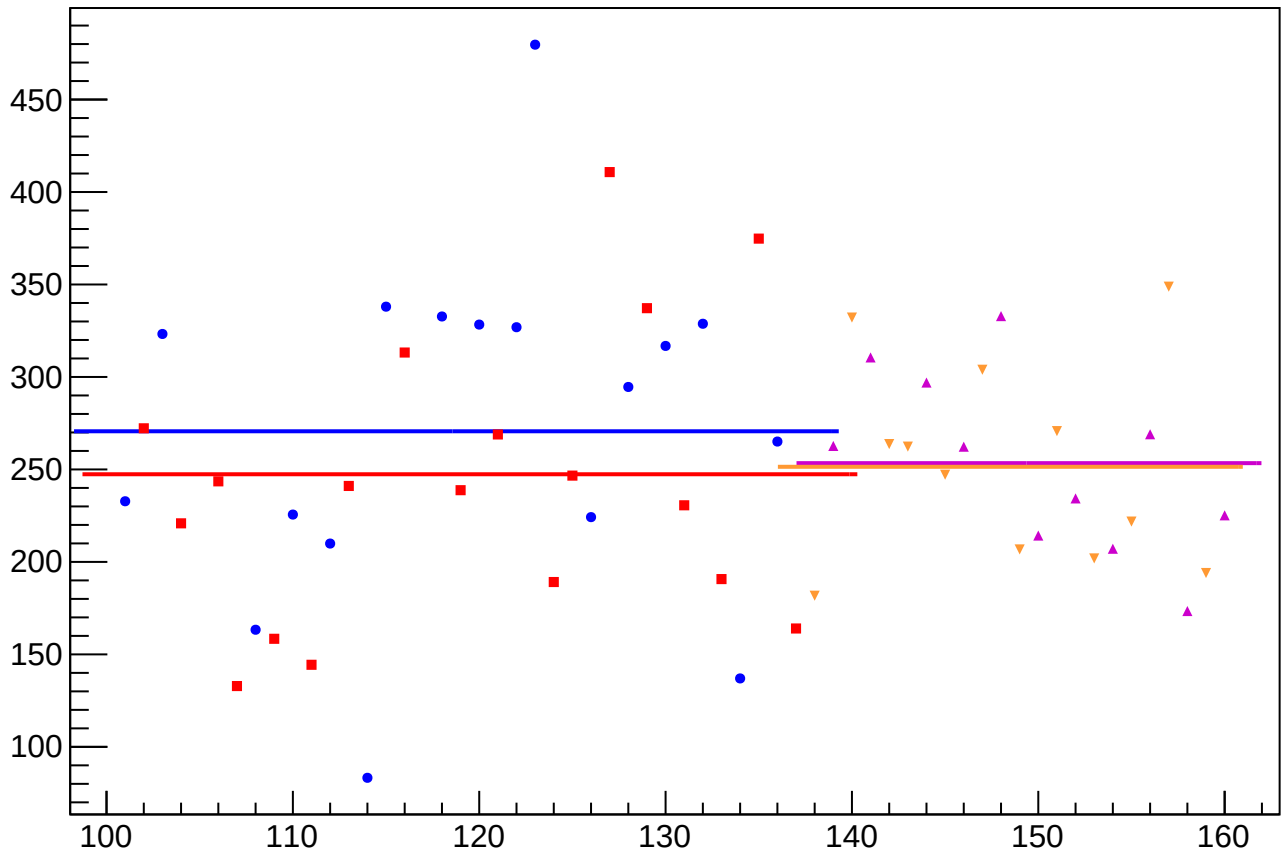
dit_sam5_coil7_mean vs Slug



Right In: -1387.447+/-0.000	χ^2/NDF : 1052649963447979198116034562243591929856.0/16
Left Out: -1330.420+/-0.000	χ^2/NDF : 26483457480768378875041680320691699712.0/11
Right Out: -1240.179+/-0.000	χ^2/NDF : 1416369744921748520391717301088168181760.0/17
Left In: -1235.621+/-0.000	χ^2/NDF : 101175024554514162187059760134266814464.0/10

+ sign -1355.110+/-0.000 χ^2/NDF : 1080413237028
 All: -1295.541+/-0.000 χ^2/NDF : 2609187389
 - sign -1237.599+/-0.000 χ^2/NDF : 15175531795732

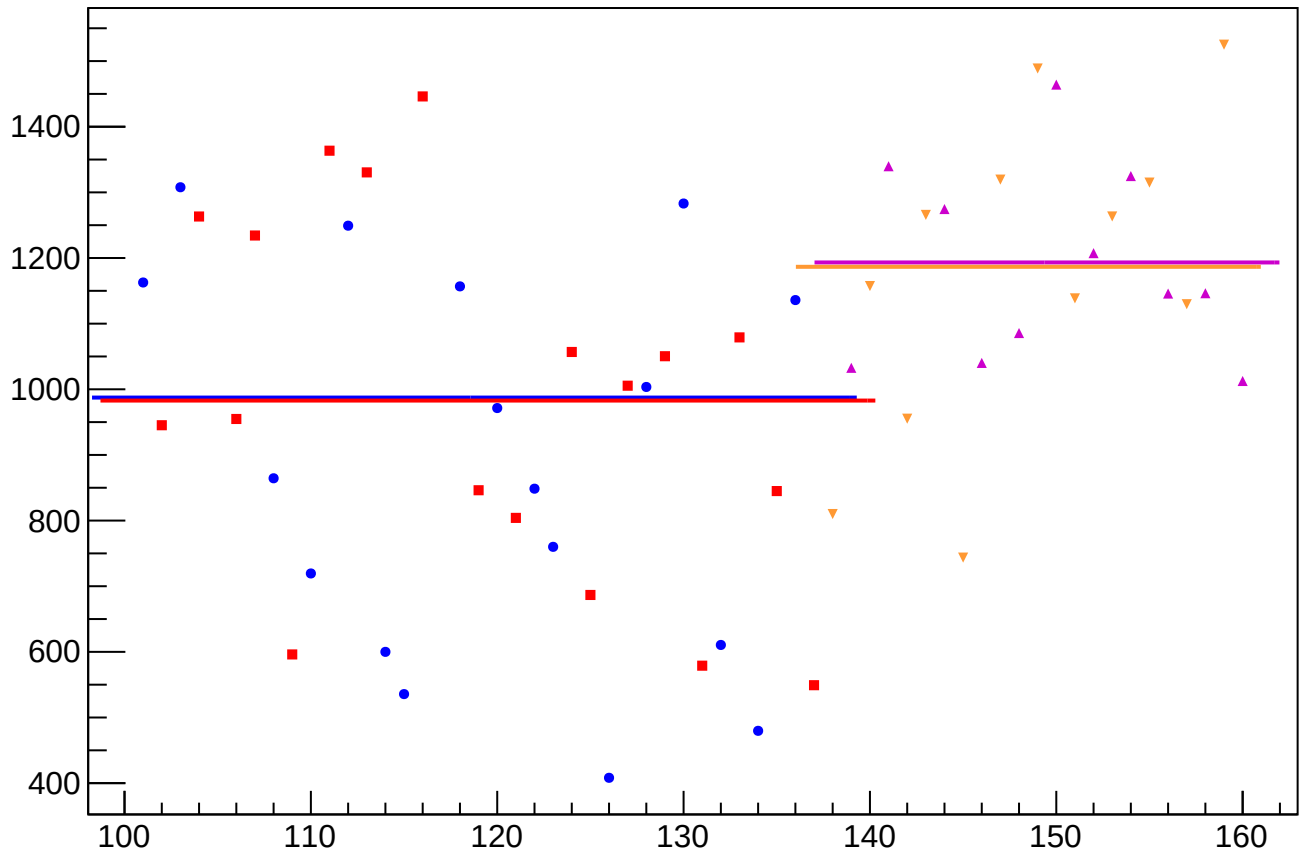
dit_sam5_coil7_err_mean vs Slug



Right In: 270.634+/-0.000	χ^2/NDF : 2782961301444799640631413817001115648.0/16
Left Out: 251.431+/-0.000	χ^2/NDF : 2584936508665838554891763249678647296.0/11
Right Out: 247.395+/-0.000	χ^2/NDF : 4145415912975495896207578940101885952.0/17
Left In: 253.400+/-0.000	χ^2/NDF : 1956558228349454722124070225585373184.0/10

+ sign 259.744+/-0.000 χ^2/NDF : 551301920685929
 All: 255.208+/-0.000 χ^2/NDF : 116946735733
 - sign 250.795+/-0.000 χ^2/NDF : 611657187843847

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

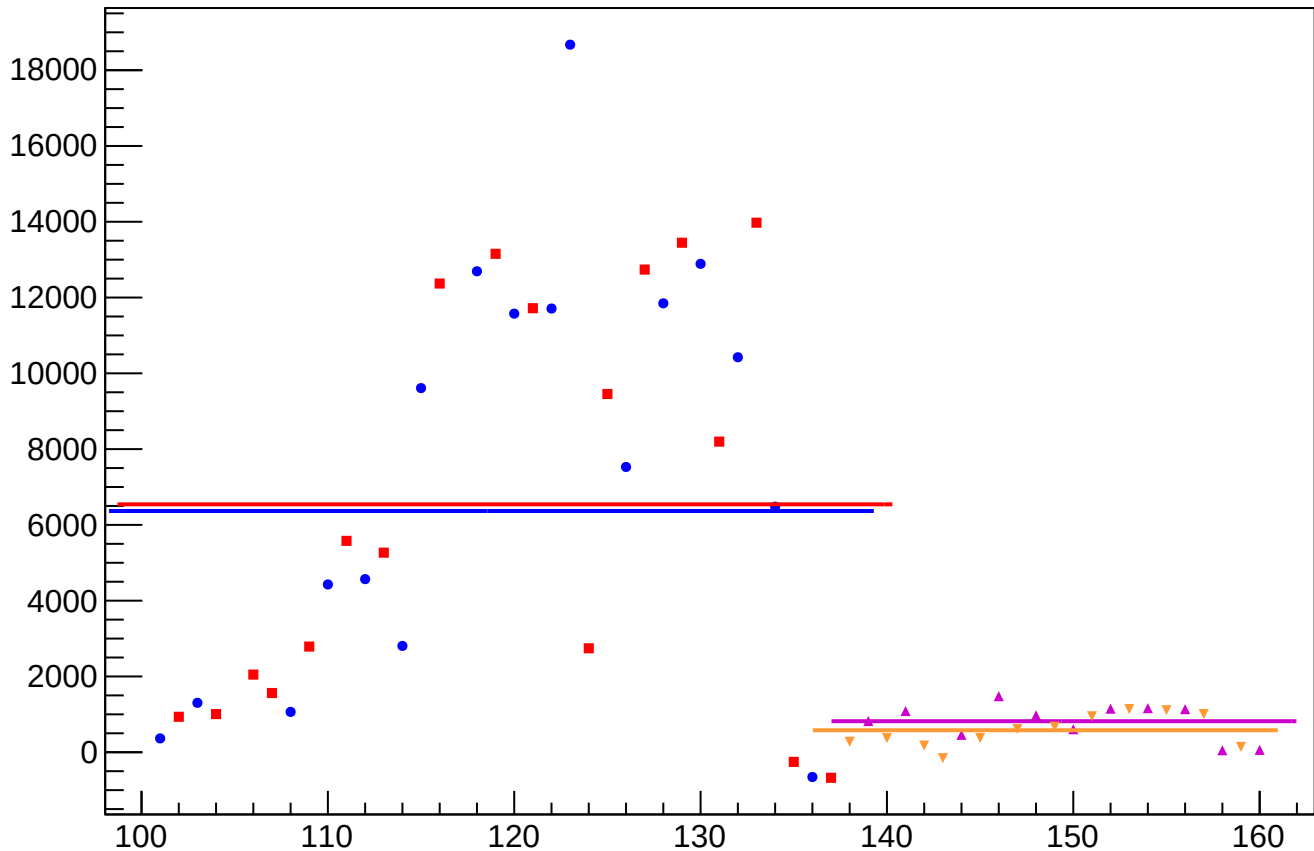
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

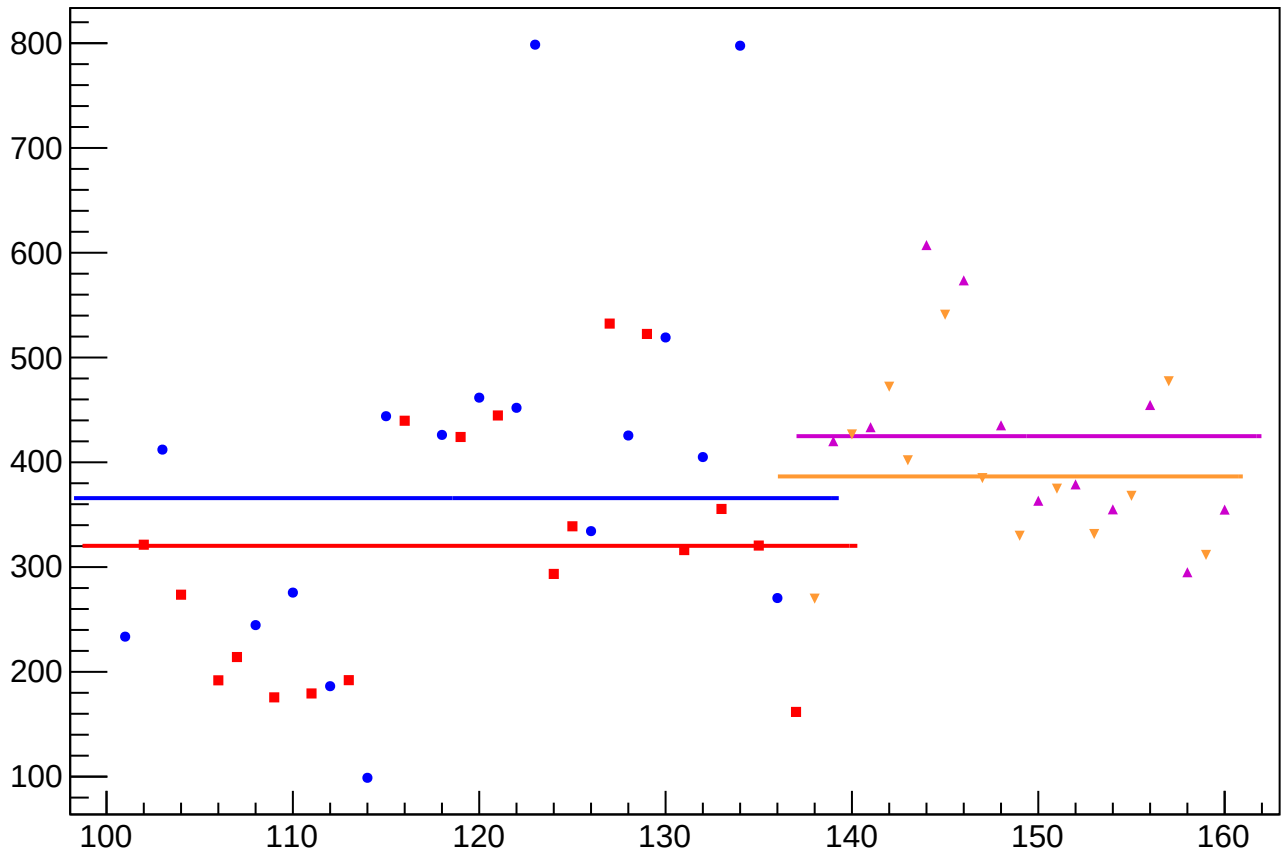
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_sam6_coil7_mean vs Slug



Right In: 6366.506+/-0.000 χ^2/NDF : 19013791293174950781662205946475975802880.0/16
 Left Out: 580.460+/-0.000 χ^2/NDF : 147049020633782369498744411617383940096.0/11
 Right Out: 6542.482+/-0.000 χ^2/NDF : 19769956838076333850932350219813545574400.0/17
 Left In: 819.110+/-0.000 χ^2/NDF : 183157286760955615902217096477246750720.0/10
 + sign 3085.460+/-0.000 χ^2/NDF : 32335929066490
 All: 3195.354+/-0.000 χ^2/NDF : 65586954206
 - sign 3302.248+/-0.000 χ^2/NDF : 33212835876624

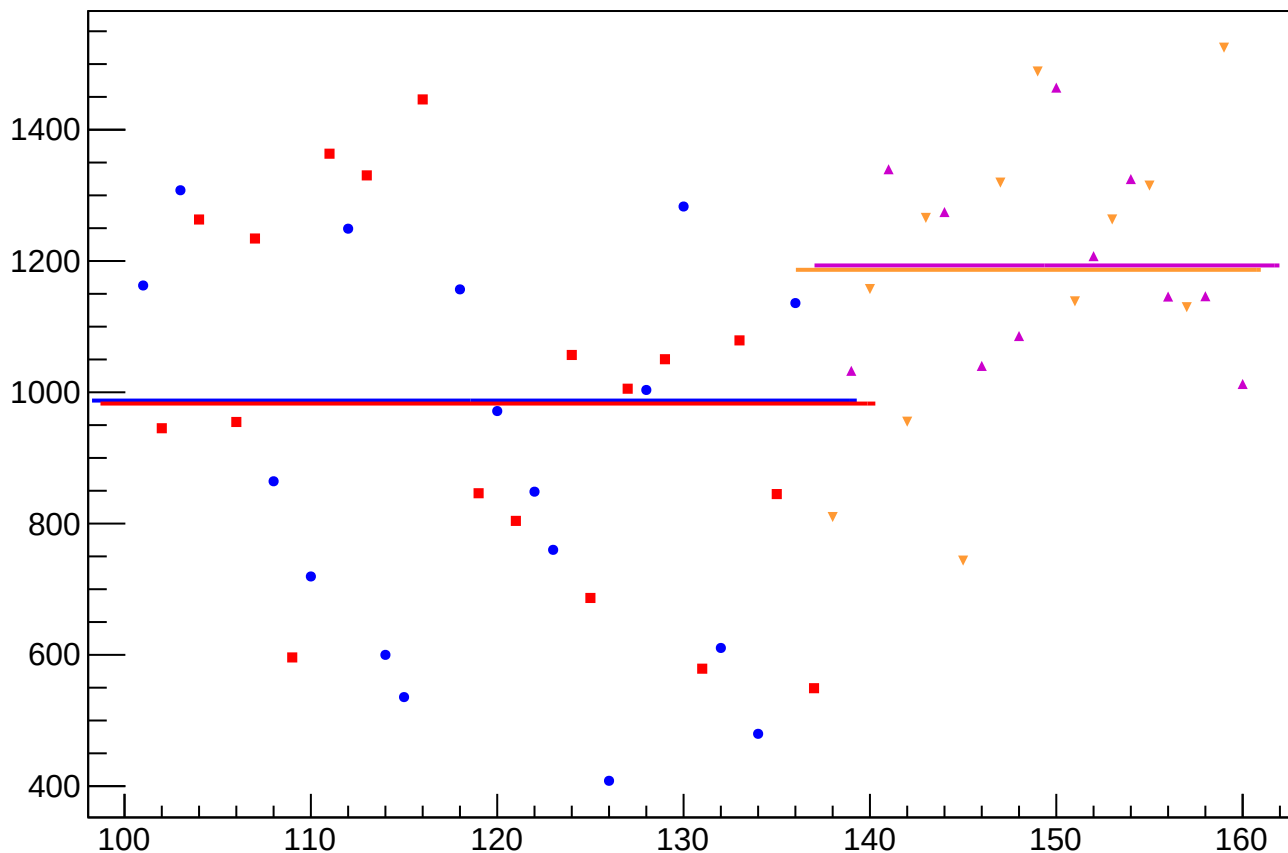
dit_sam6_coil7_err_mean vs Slug



Right In: 365.806+/-0.000	χ^2/NDF : 12360453443474503357525500563004850176.0/16
Left Out: 386.511+/-0.000	χ^2/NDF : 5027608774007269972306139885841940480.0/11
Right Out: 320.284+/-0.000	χ^2/NDF : 9463966273350706118112483440542613504.0/17
Left In: 424.949+/-0.000	χ^2/NDF : 7621452352927450037498346719559024640.0/10

+ sign 377.547+/-0.000 χ^2/NDF : 175567749803095
 All: 378.557+/-0.000 χ^2/NDF : 390798385710
 - sign 379.539+/-0.000 χ^2/NDF : 215198392928470

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

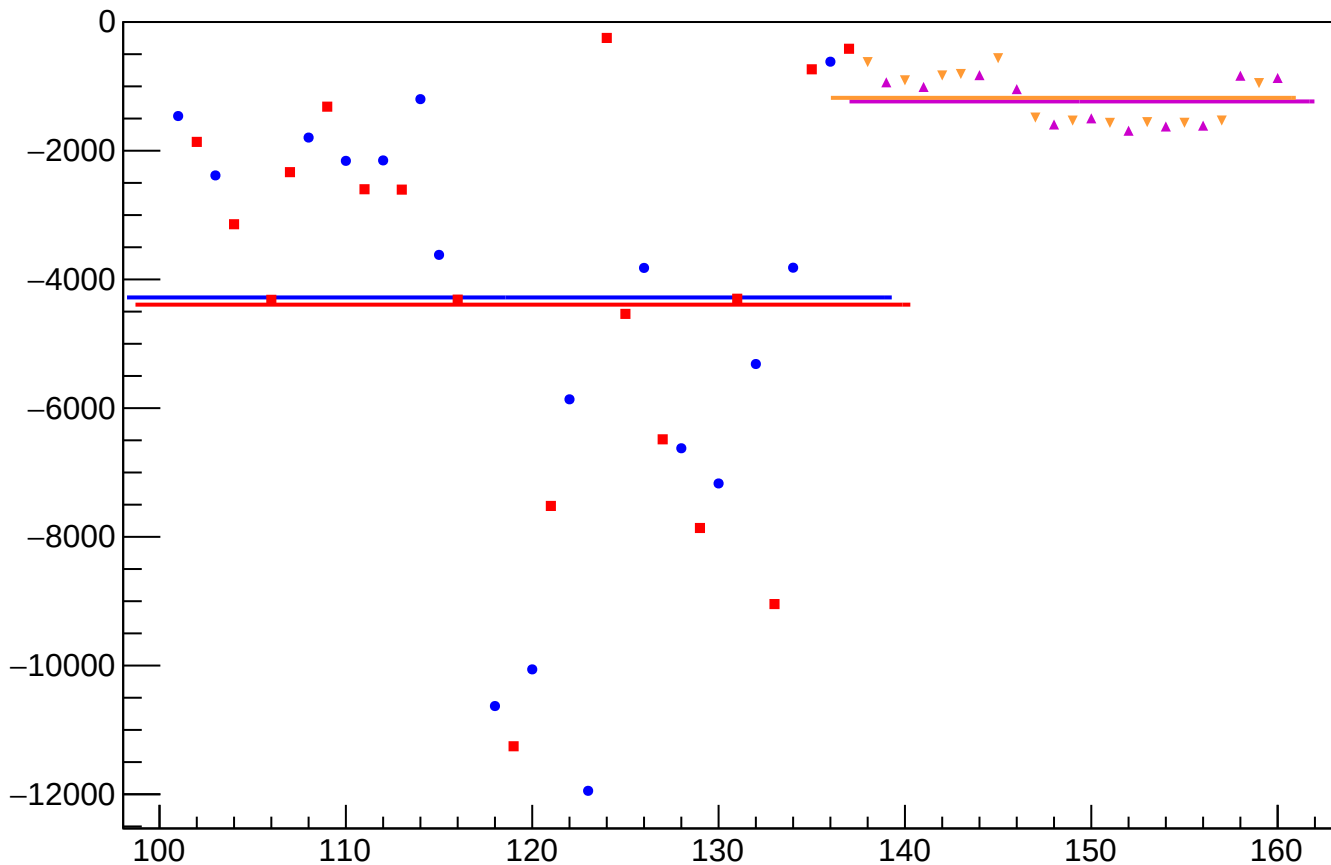
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

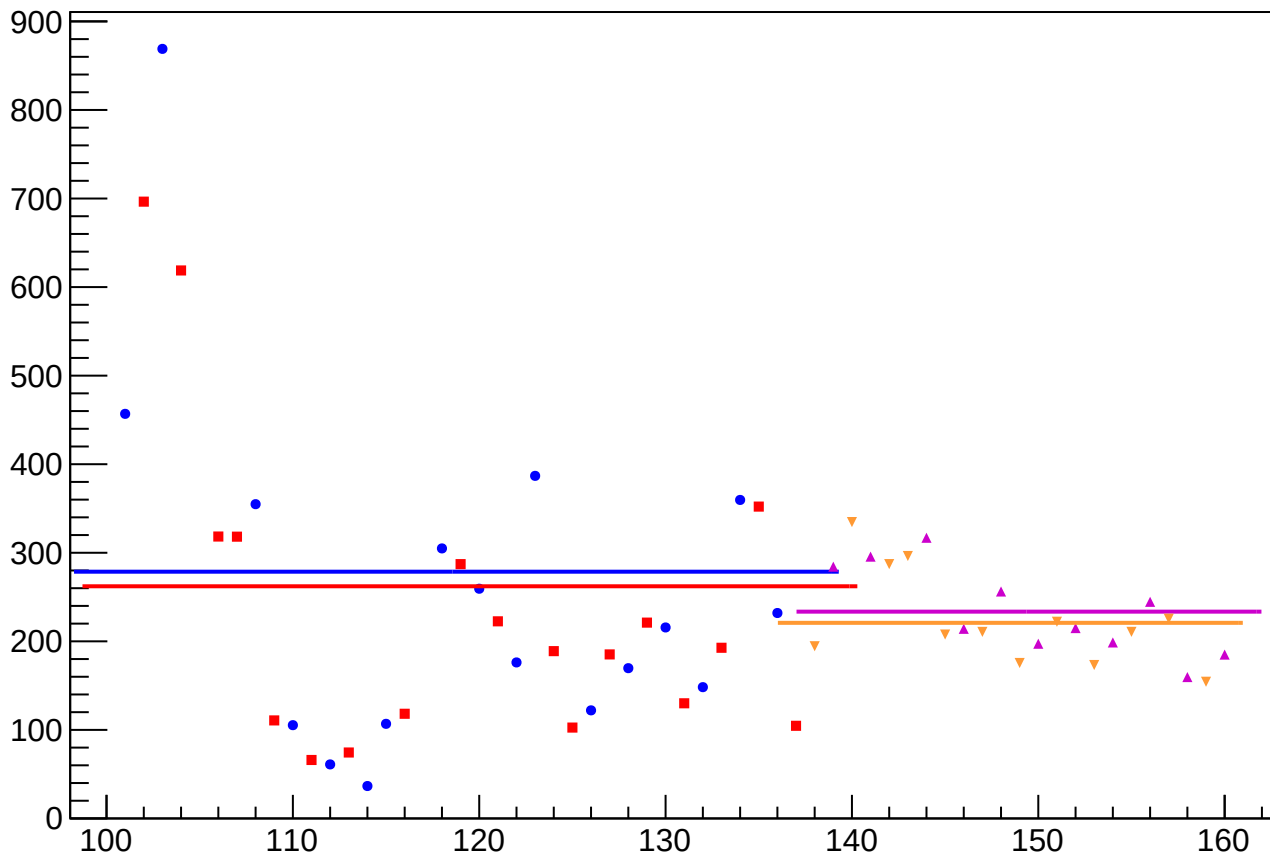
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam7_coil7_mean vs Slug



Right In: -4279.824 ± 0.000 $\chi^2/\text{NDF}: 6998436131465727751461675089449726246912.0/16$
 Left Out: -1178.229 ± 0.000 $\chi^2/\text{NDF}: 141473895084928360538242951996197830656.0/11$
 Right Out: -4391.806 ± 0.000 $\chi^2/\text{NDF}: 7013803733920665719163942153165454966784.0/17$
 Left In: -1234.217 ± 0.000 $\chi^2/\text{NDF}: 113222953765781340341469389402247528448.0/10$

dit_sam7_coil7_err_mean vs Slug



Right In: 278.633+/-0.000 χ^2/NDF : 30524296265206738304048515708883042304.0/16

Left Out: 220.880+/-0.000 χ^2/NDF : 2451153402301458952205629704112177152.0/11

Right Out: 262.162+/-0.000 χ^2/NDF : 25748645086335087770789028222868652032.0/17

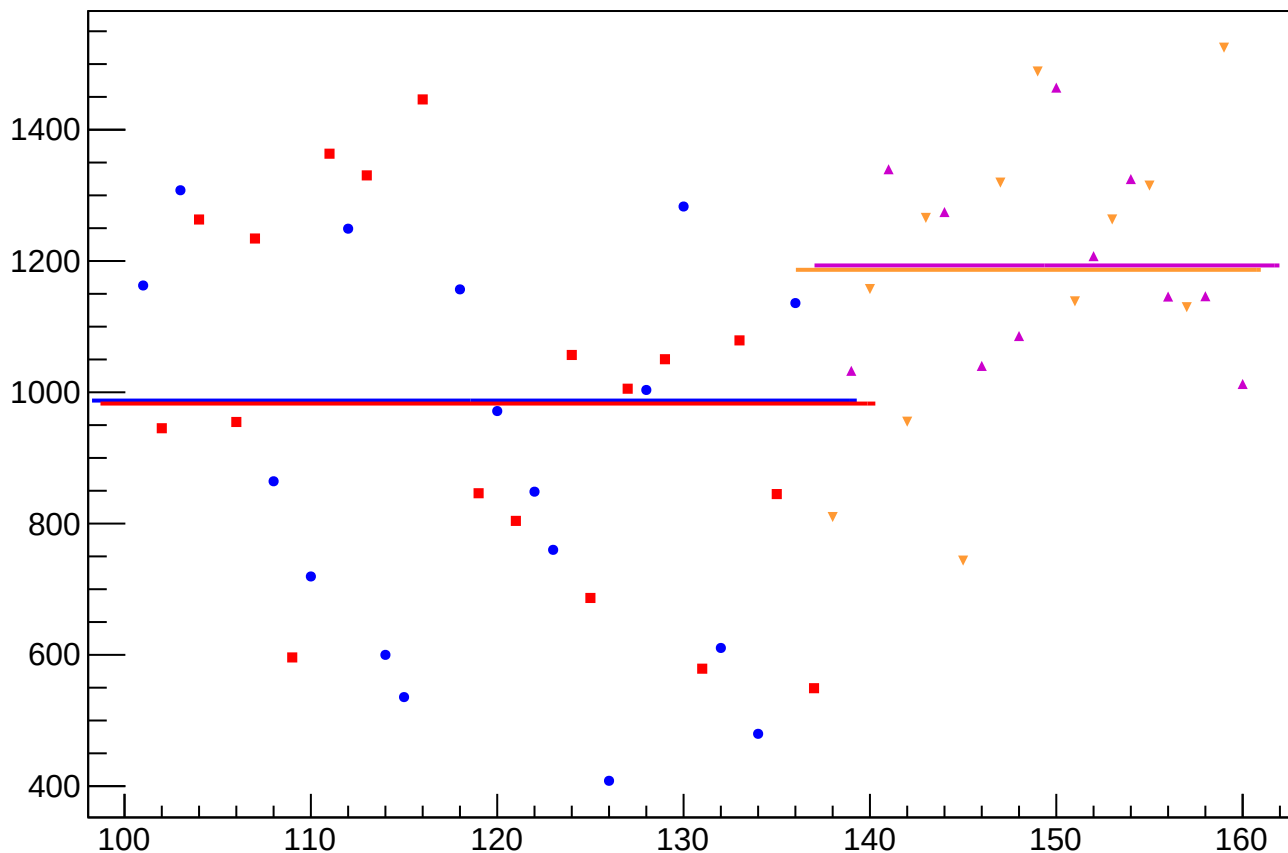
Left In: 233.520+/-0.000 χ^2/NDF : 2135124077253807192462629940293009408.0/10

+ sign 245.884+/-0.000 χ^2/NDF : 342880767821985

All: 245.916+/-0.000 χ^2/NDF : 62503927780

- sign 245.946+/-0.000 χ^2/NDF : 282158478141649

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

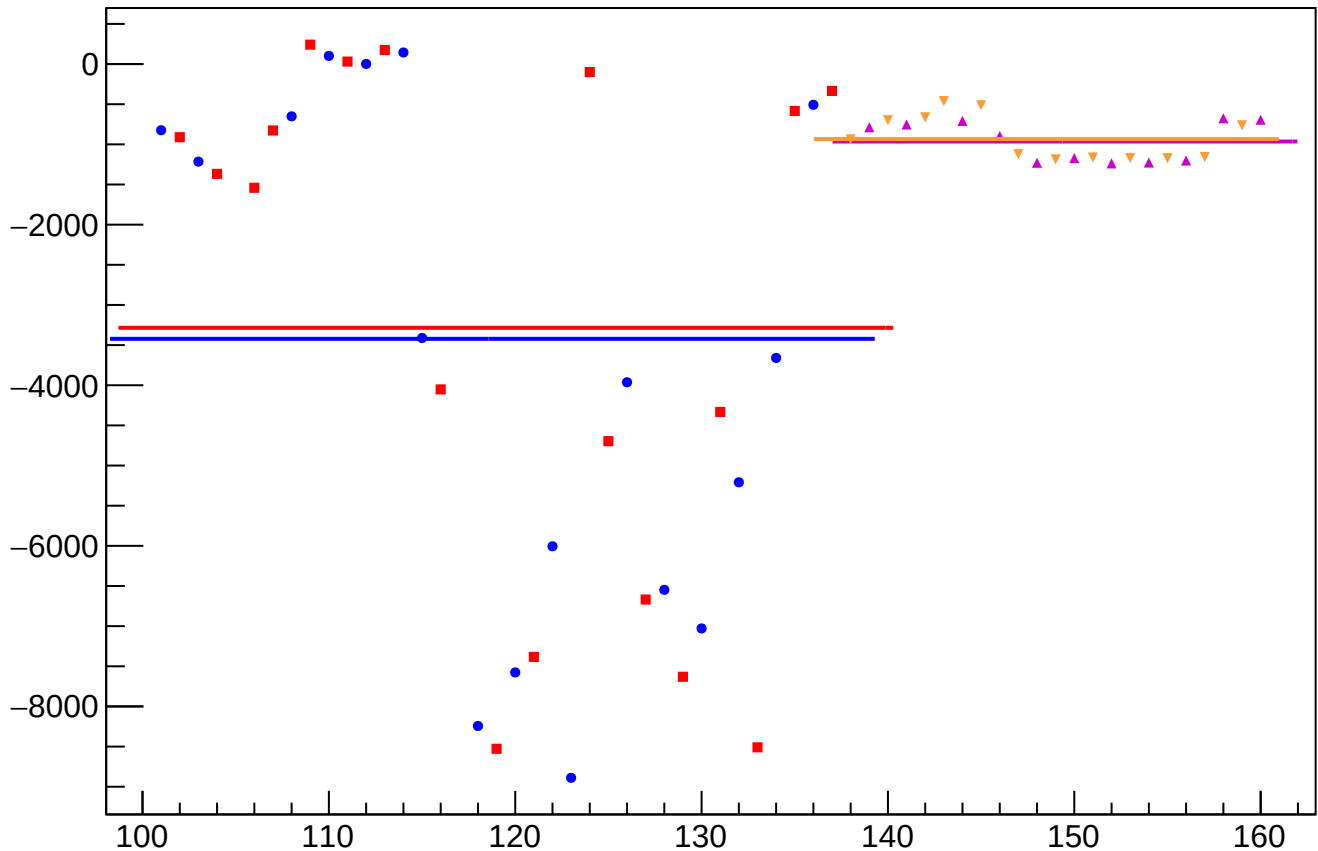
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam8_coil7_mean vs Slug



Right In: -3421.719+/-0.000 χ^2/NDF : 6462112736004972779572658363986020925440.0/16

Left Out: -933.972+/-0.000 χ^2/NDF : 64192639419401528934807333255243628544.0/11

Right Out: -3284.376+/-0.000 χ^2/NDF : 7820854185595313728450757047863572692992.0/17

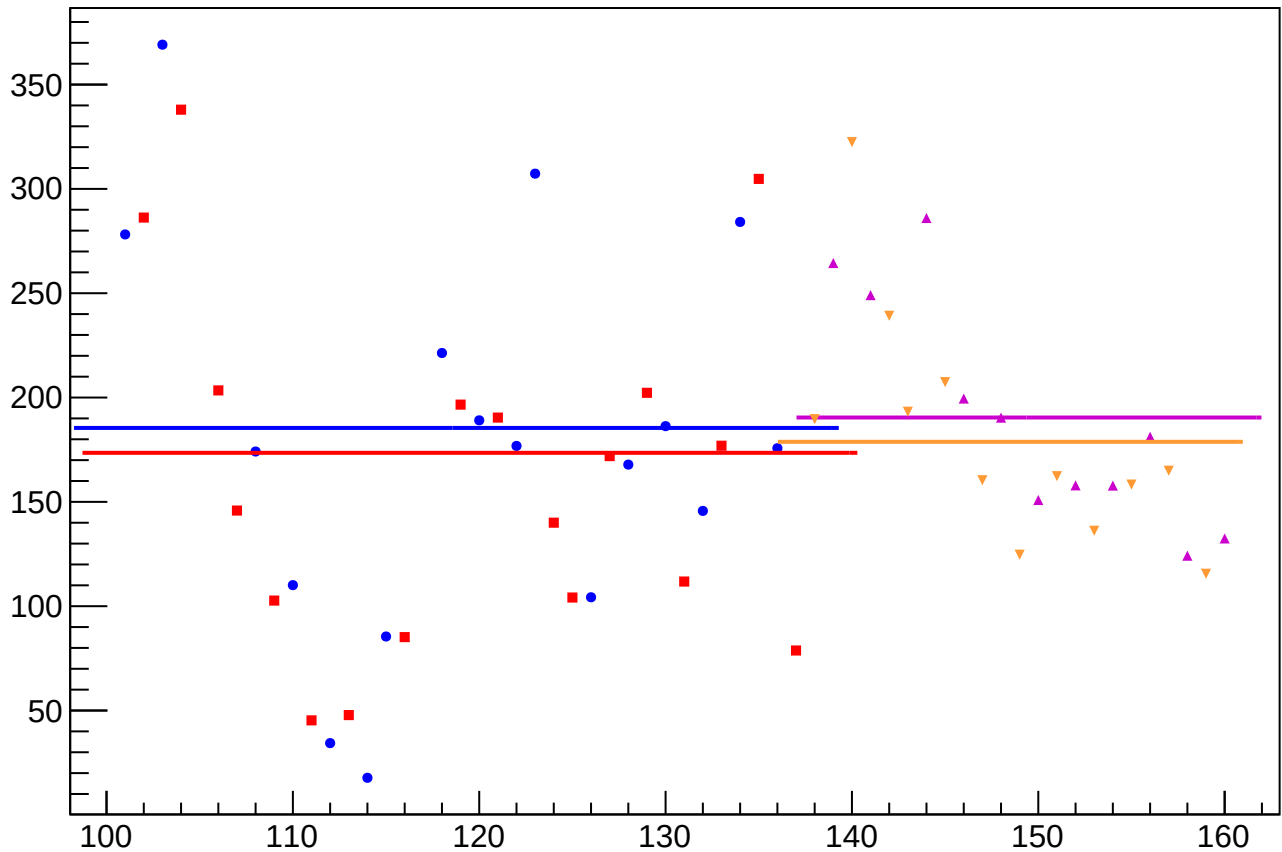
Left In: -964.532+/-0.000 χ^2/NDF : 52328346838047917935593162774962765824.0/10

+ sign -2011.013+/-0.000 χ^2/NDF : 8961885408973

All: -1990.738+/-0.000 χ^2/NDF : 1901481957

- sign -1971.018+/-0.000 χ^2/NDF : 10051634353720

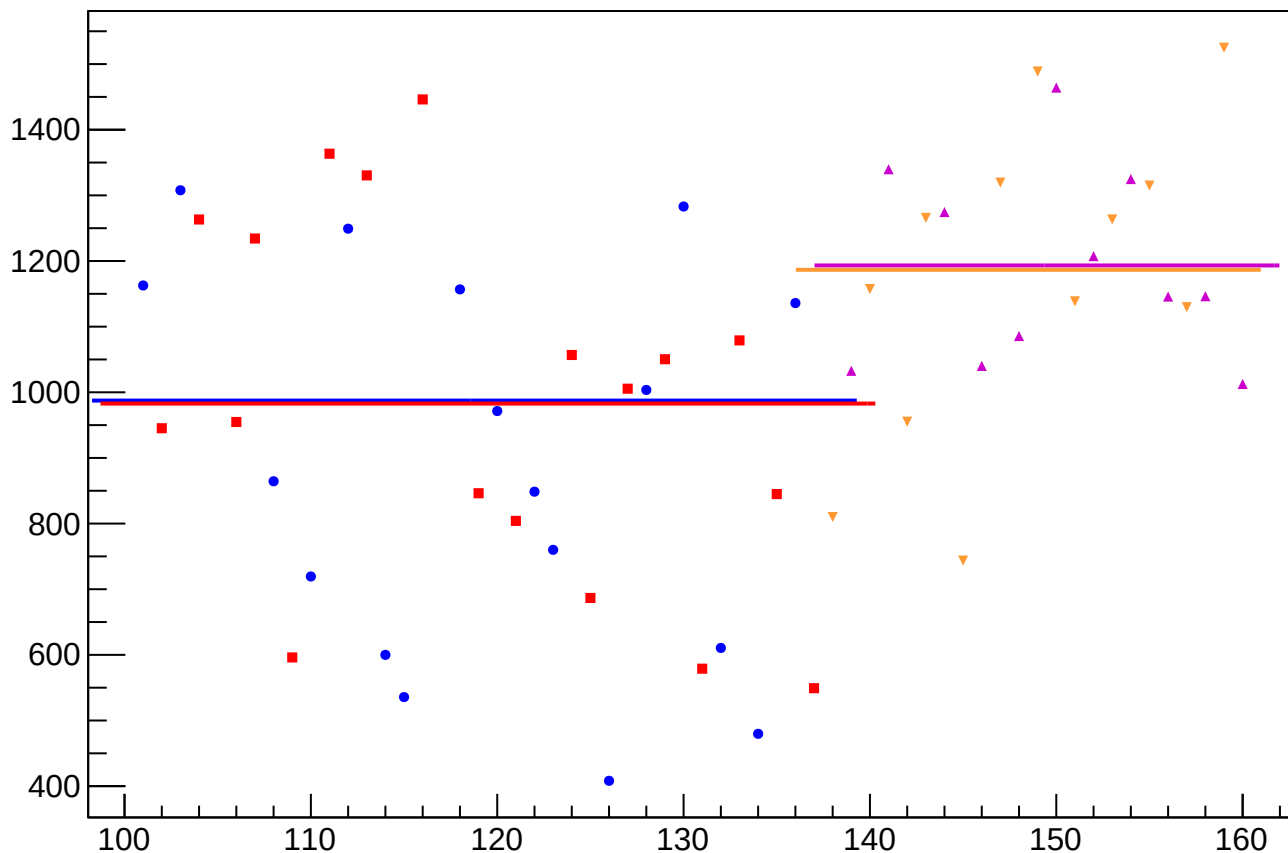
dit_sam8_coil7_err_mean vs Slug



Right In: 185.440 $\pm$ 0.000	χ^2 /NDF: 4992999881975997017558054599194050560.0/16
Left Out: 178.789 $\pm$ 0.000	χ^2 /NDF: 2761846974558217365203652056992186368.0/11
Right Out: 173.513 $\pm$ 0.000	χ^2 /NDF: 5476704825855084602521292305195859968.0/17
Left In: 190.431 $\pm$ 0.000	χ^2 /NDF: 2526907691148920878217594844913598464.0/10

+ sign 181.668 $\pm$ 0.000 χ^2 /NDF: 777225827840699
 All: 182.390 $\pm$ 0.000 χ^2 /NDF: 158933789592
 - sign 183.091 $\pm$ 0.000 χ^2 /NDF: 811947607892109

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

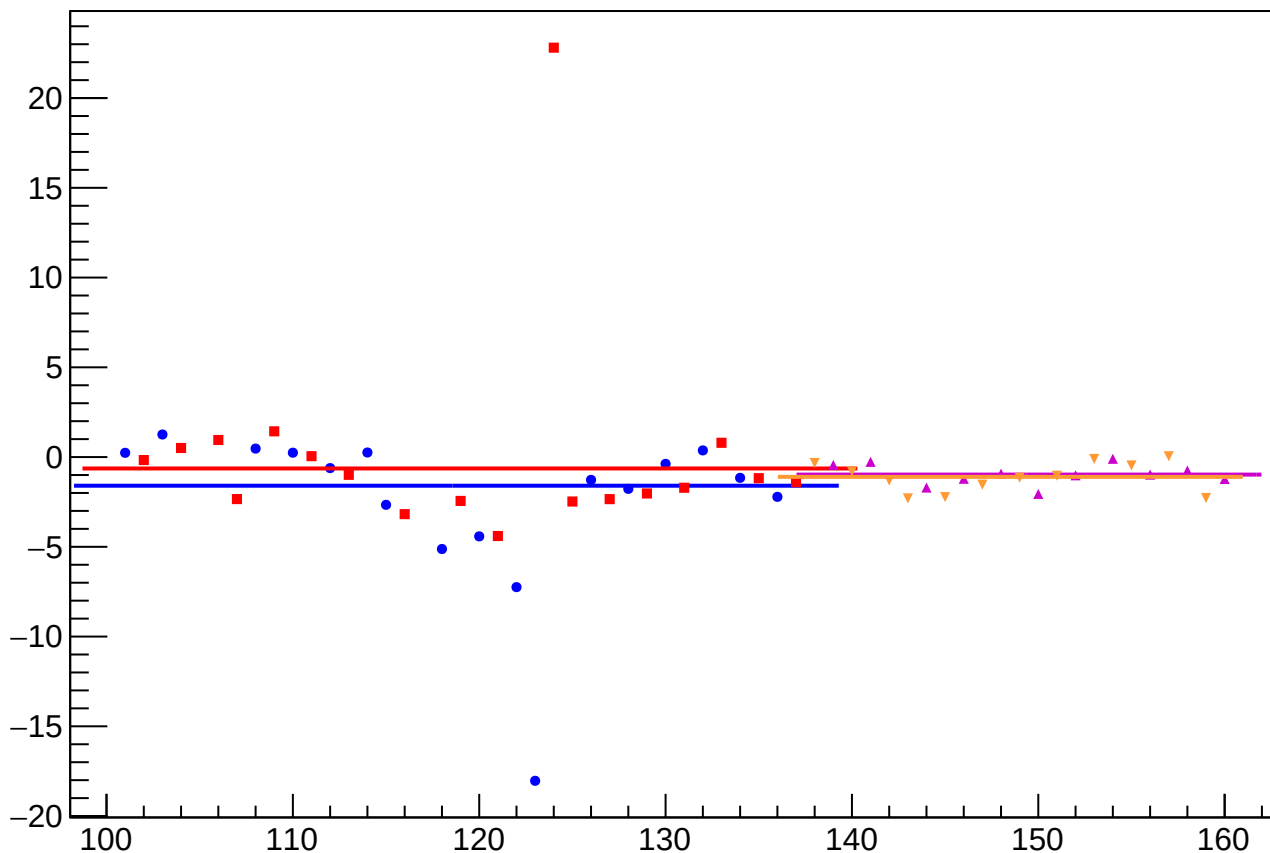
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

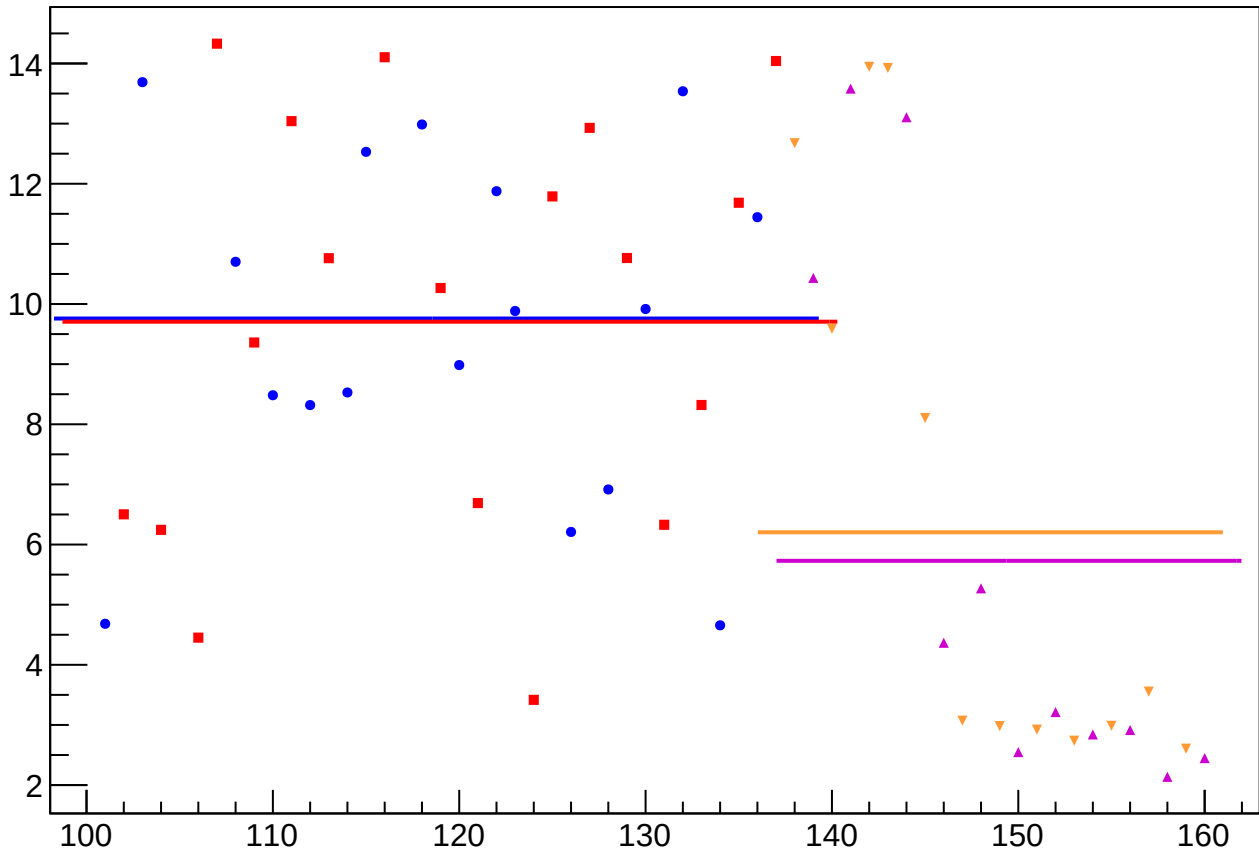
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_4aX_coil4_mean vs Slug



Right In: -1.596 ± 0.000 $\chi^2/\text{NDF}: 4654807928359892398673617982849024.0/16$
 Left Out: -1.102 ± 0.000 $\chi^2/\text{NDF}: 592180467002513566987832570937344.0/11$
 Right Out: -0.636 ± 0.000 $\chi^2/\text{NDF}: 9571048295343482409580772007608320.0/17$
 Left In: -0.977 ± 0.000 $\chi^2/\text{NDF}: 300890397650119639347670720446464.0/10$
 All: -1.069 ± 0.000 $\chi^2/\text{NDF}: 1545459407936$
 + sign -1.316 ± 0.000 $\chi^2/\text{NDF}: 5342982543147987$
 - sign -0.829 ± 0.000 $\chi^2/\text{NDF}: 99189735363559130$

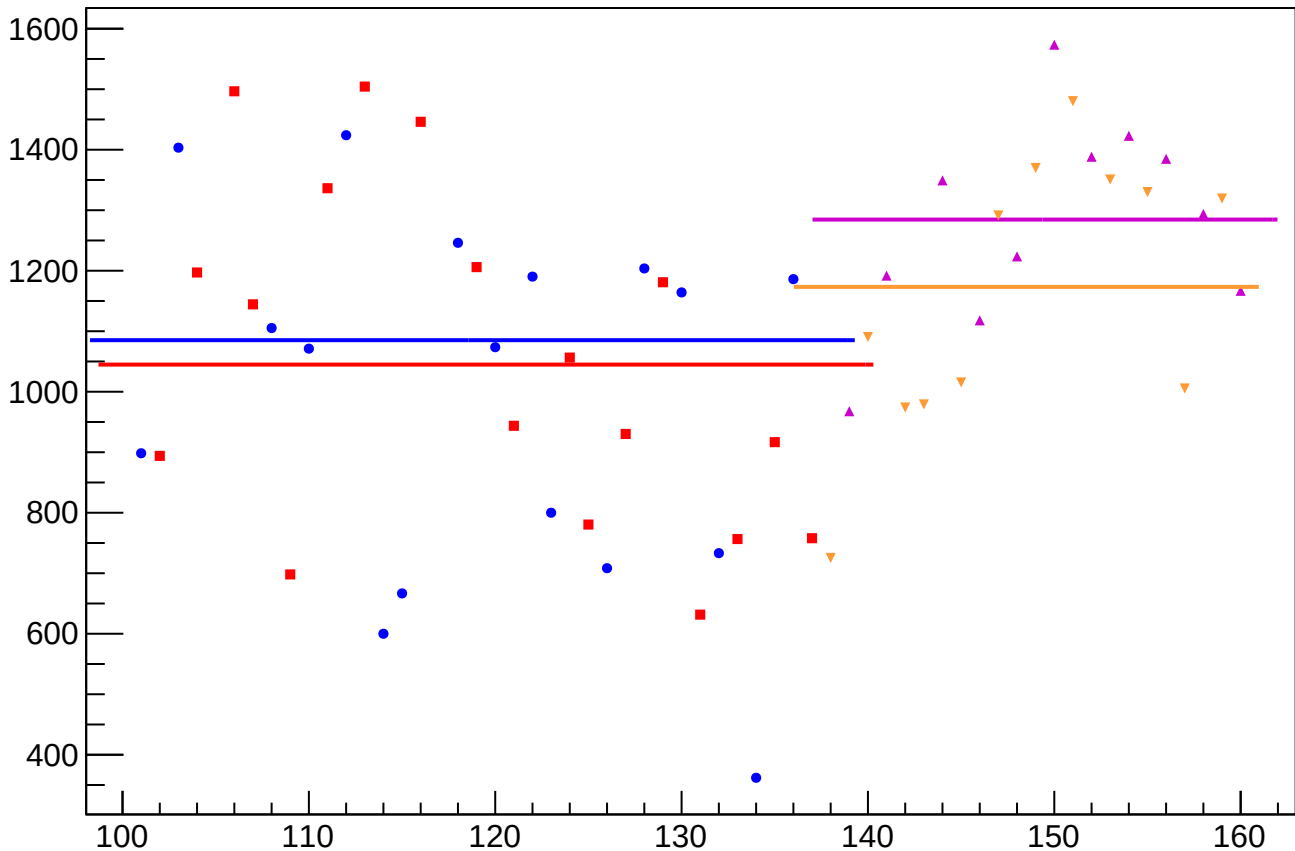
dit_4aX_coil4_err_mean vs Slug



Right In: 9.759+/-0.000	χ^2/NDF : 5805218601264248923404355625811968.0/16
Left Out: 6.204+/-0.000	χ^2/NDF : 17109991032954173502313359403384832.0/11
Right Out: 9.706+/-0.000	χ^2/NDF : 6508390621050403360774220706480128.0/17
Left In: 5.730+/-0.000	χ^2/NDF : 16834211139985692030618150983696384.0/10

+ sign 7.743+/-0.000 χ^2/NDF : 27887924008453244
 All: 7.597+/-0.000 χ^2/NDF : 57699110892163
 - sign 7.455+/-0.000 χ^2/NDF : 29743736675365578

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

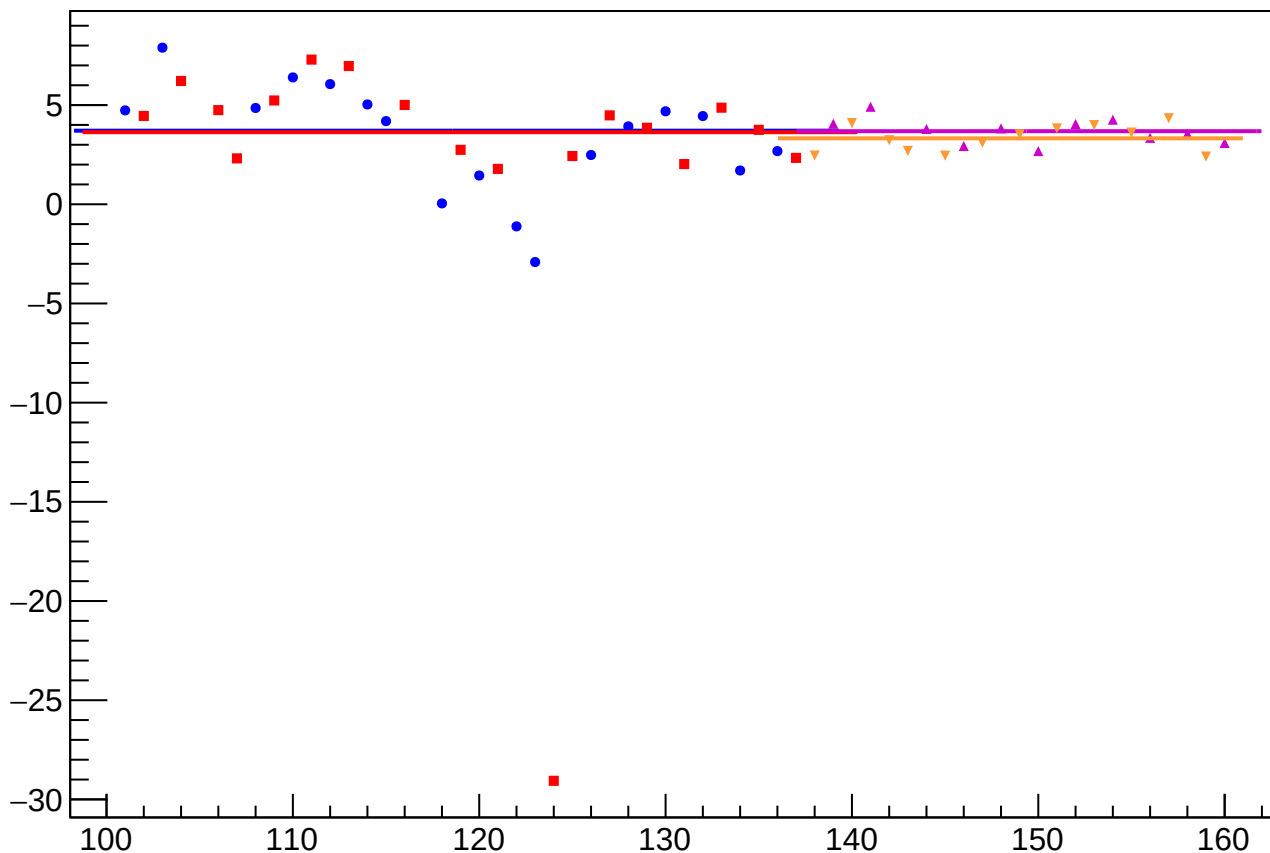
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_4eX_coil4_mean vs Slug



Right In: 3.709+/-0.000

χ^2/NDF : 4018102777172229540031969661812736.0/16

Left Out: 3.324+/-0.000

χ^2/NDF : 408662092507009780807820497649664.0/11

Right Out: 3.634+/-0.000

χ^2/NDF : 17179706396424887783373227094441984.0/17

Left In: 3.684+/-0.000

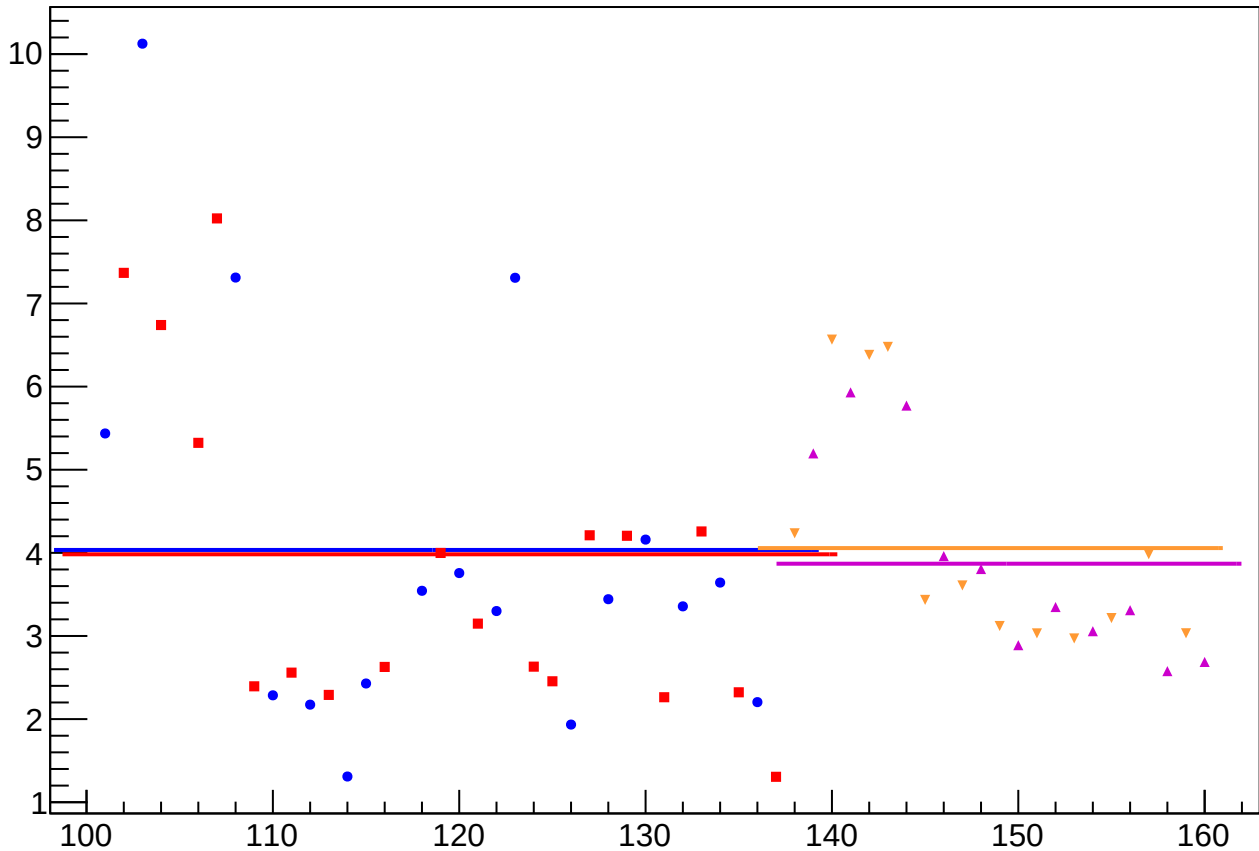
χ^2/NDF : 362171161596980472614323696435200.0/10

+ sign 3.491+/-0.000 χ^2/NDF : 44853380291629206

All: 3.578+/-0.000 χ^2/NDF : 22052203058922

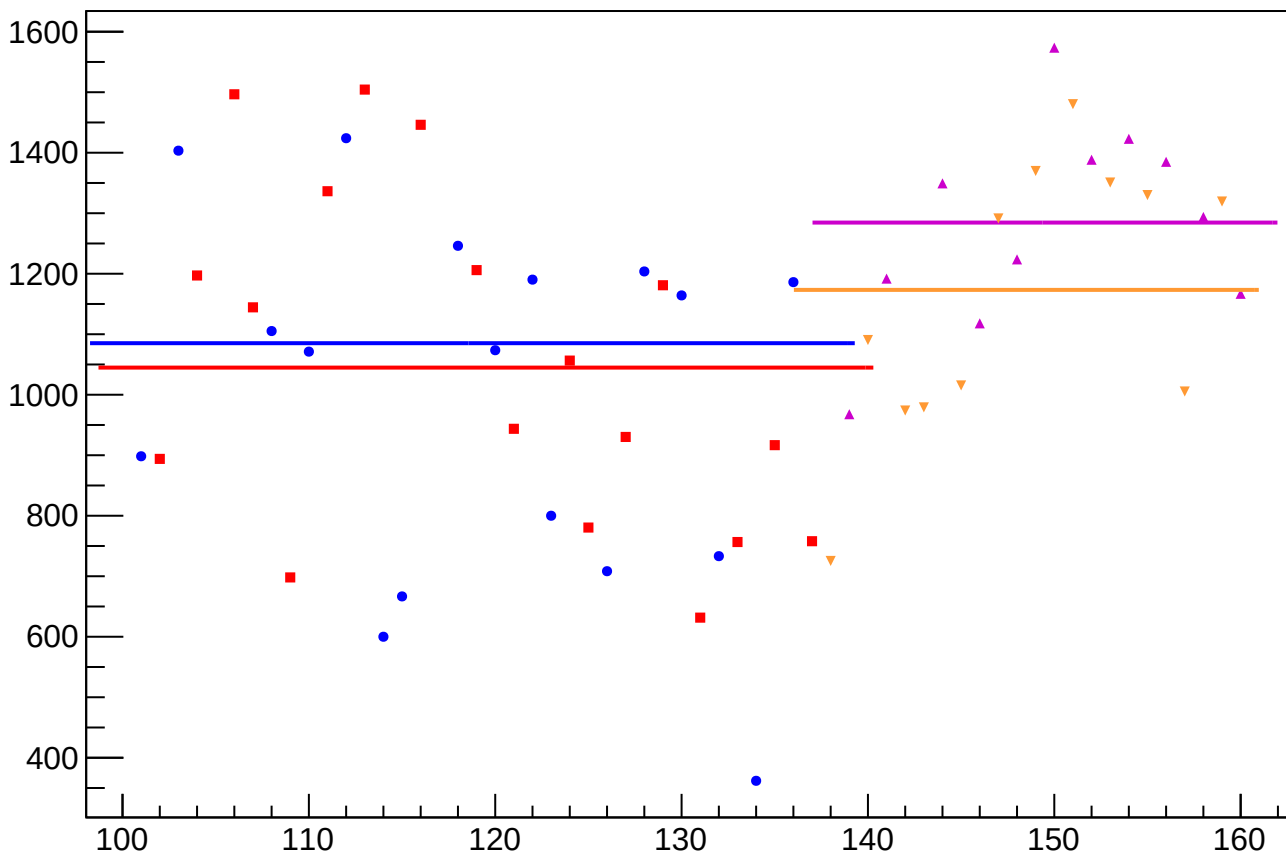
- sign 3.662+/-0.000 χ^2/NDF : 17542924542966772

dit_4eX_coil4_err_mean vs Slug



Right In: 4.035 $\pm$ 0.000 χ^2 /NDF: 3710399284586297338090254185267200.0/16
 Left Out: 4.057 $\pm$ 0.000 χ^2 /NDF: 1601757414873361873208521558851584.0/11
 Right Out: 3.983 $\pm$ 0.000 χ^2 /NDF: 2613925353133608323825730446163968.0/17
 Left In: 3.869 $\pm$ 0.000 χ^2 /NDF: 127275025204235909956227723665408.0/10

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

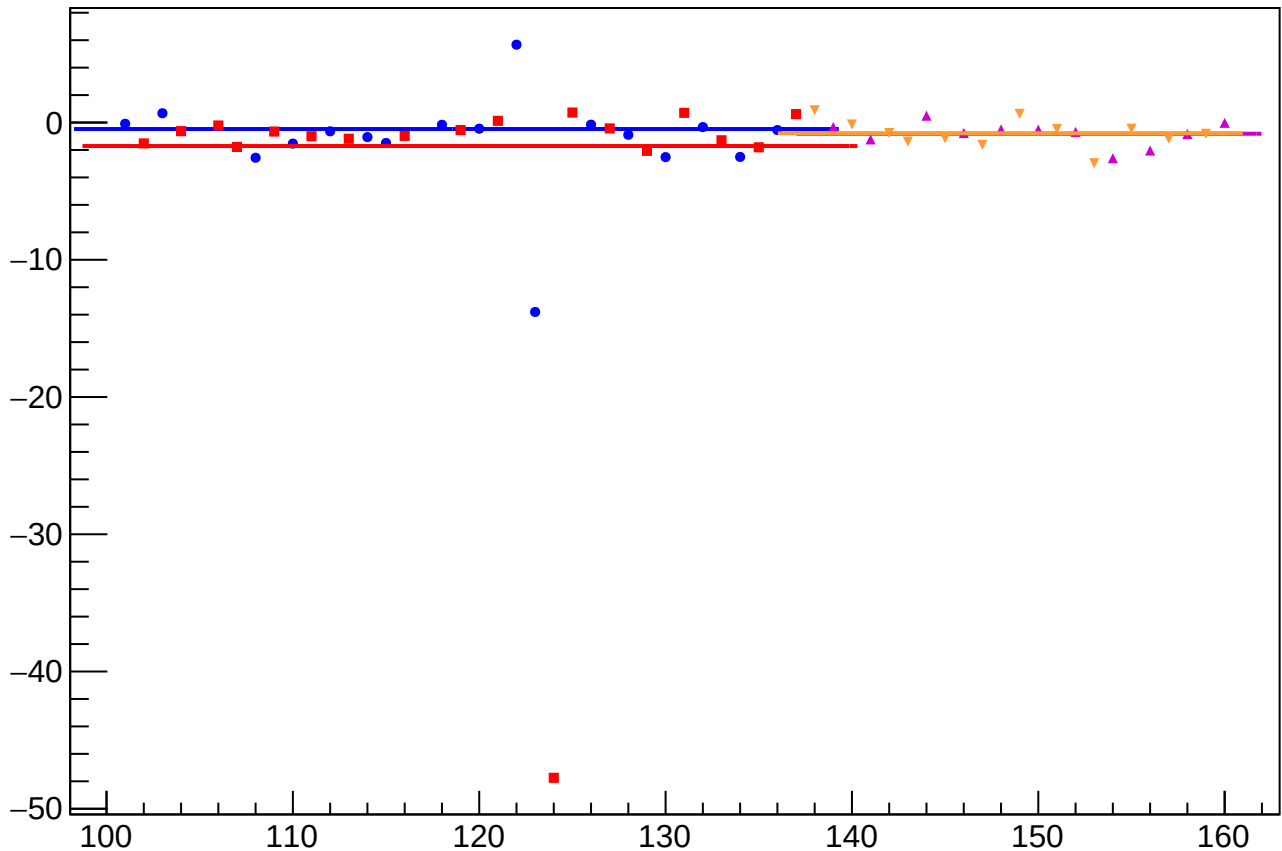
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

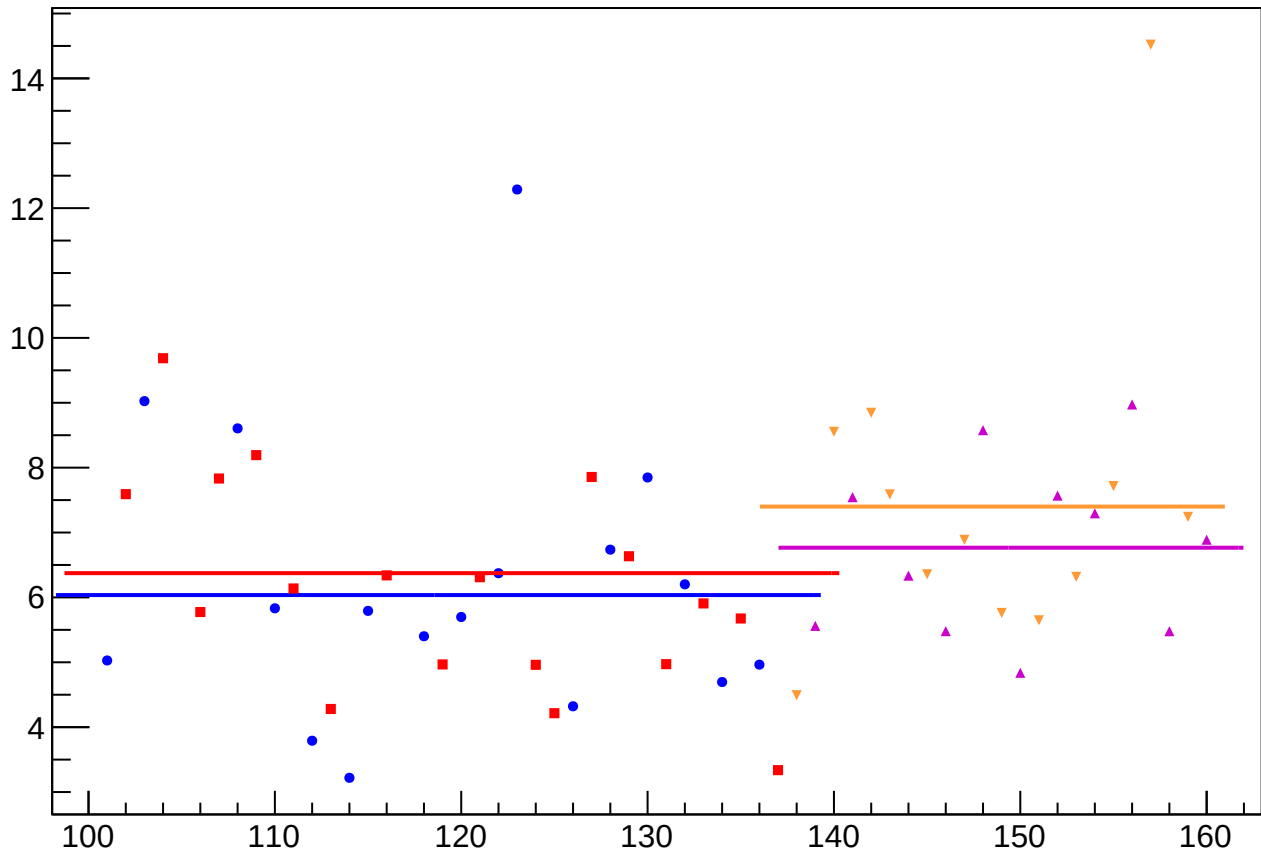
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_11X12X_coil4_mean vs Slug



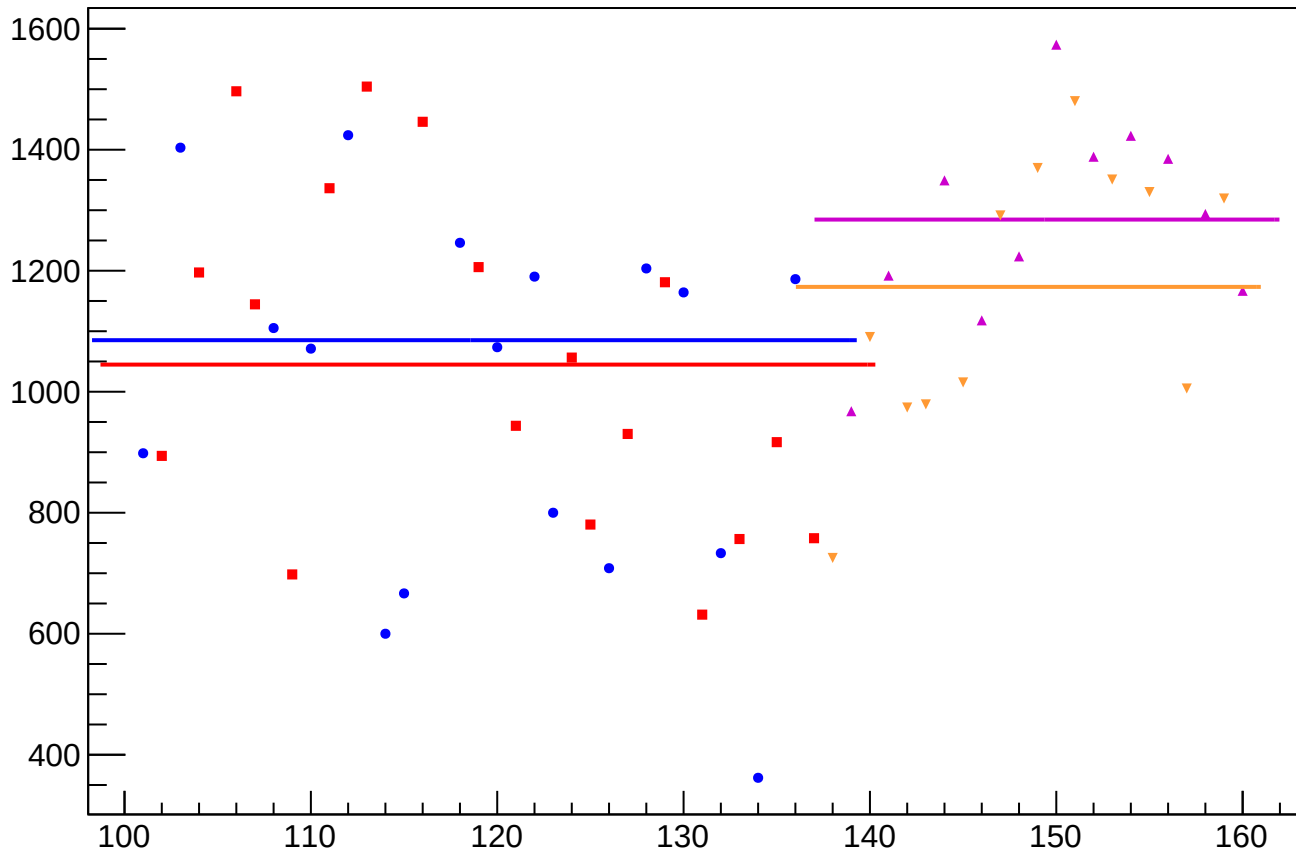
Right In: -0.473+/-0.000	χ^2/NDF : 2898613024888316123890745518063616.0/16	+ sign -0.649+/-0.000	χ^2/NDF : 3881544876846983
Left Out: -0.782+/-0.000	χ^2/NDF : 945280645994518900934494480498688.0/11	All: -0.931+/-0.000	χ^2/NDF : 3583661112386
Right Out: -1.712+/-0.000	χ^2/NDF : 30716645280339484063089556715470848.0/17	- sign -1.205+/-0.000	χ^2/NDF : 3170365417072797
Left In: -0.816+/-0.000	χ^2/NDF : 662056853644750883685234129240064.0/10		

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.036+/-0.000 χ^2/NDF : 1834282168572363767997793128415232.0/16
 Left Out: 7.400+/-0.000 χ^2/NDF : 5295448681829047225809354325229568.0/11
 Right Out: 6.374+/-0.000 χ^2/NDF : 1775962730889931898255737308053504.0/17
 Left In: 6.766+/-0.000 χ^2/NDF : 1543455485673800968010090913202176.0/10
 All: 6.701+/-0.000 χ^2/NDF : 11280547692458
 + sign 6.810+/-0.000 χ^2/NDF : 78618296206009231
 - sign 6.596+/-0.000 χ^2/NDF : 33816482501377500

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

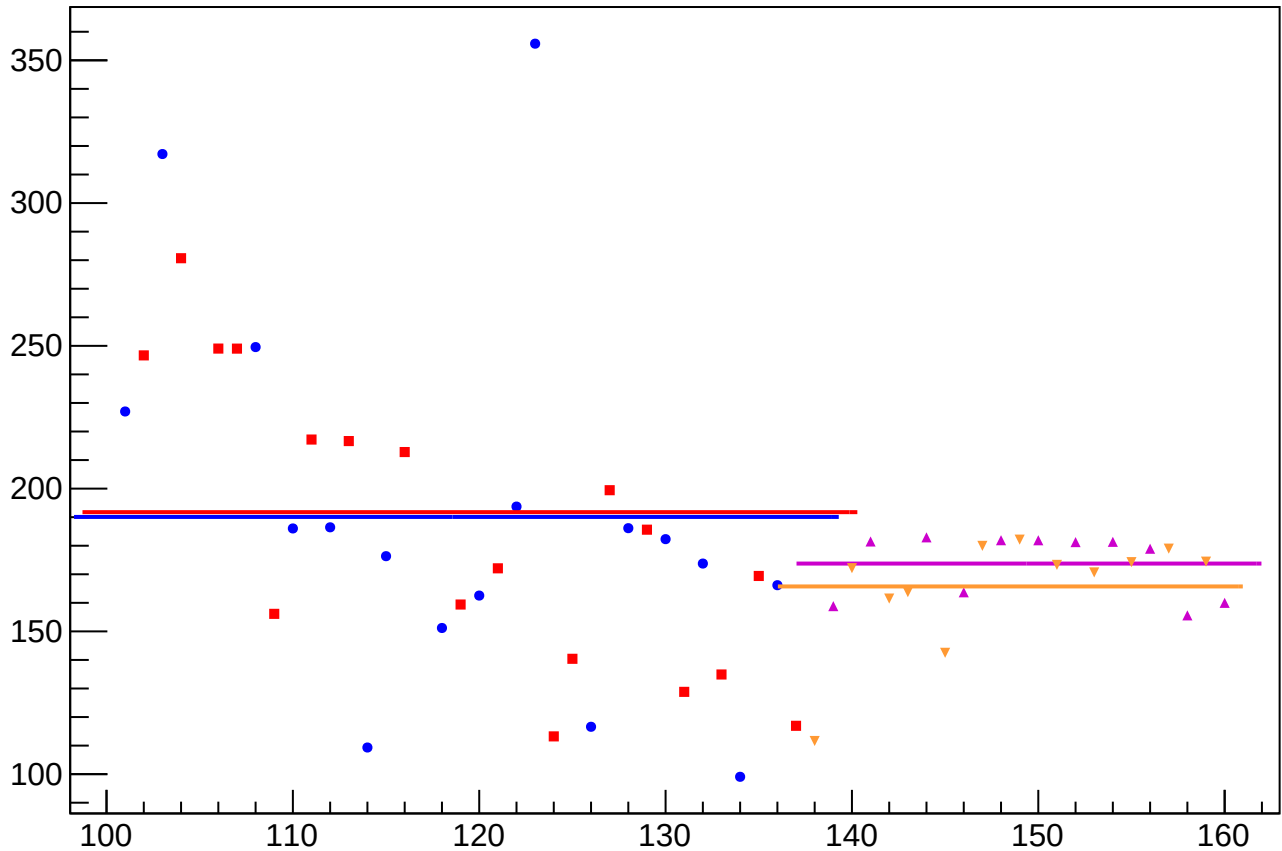
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_4aY_coil4_mean vs Slug



Right In: 190.085 $\pm$ 0.000 χ^2 /NDF: 1925698803891151227234396073587900416.0/16

+ sign 176.279 $\pm$ 0.000 χ^2 /NDF: 250363668895157

Left Out: 165.739 $\pm$ 0.000 χ^2 /NDF: 344682497656901428032567062567059456.0/11

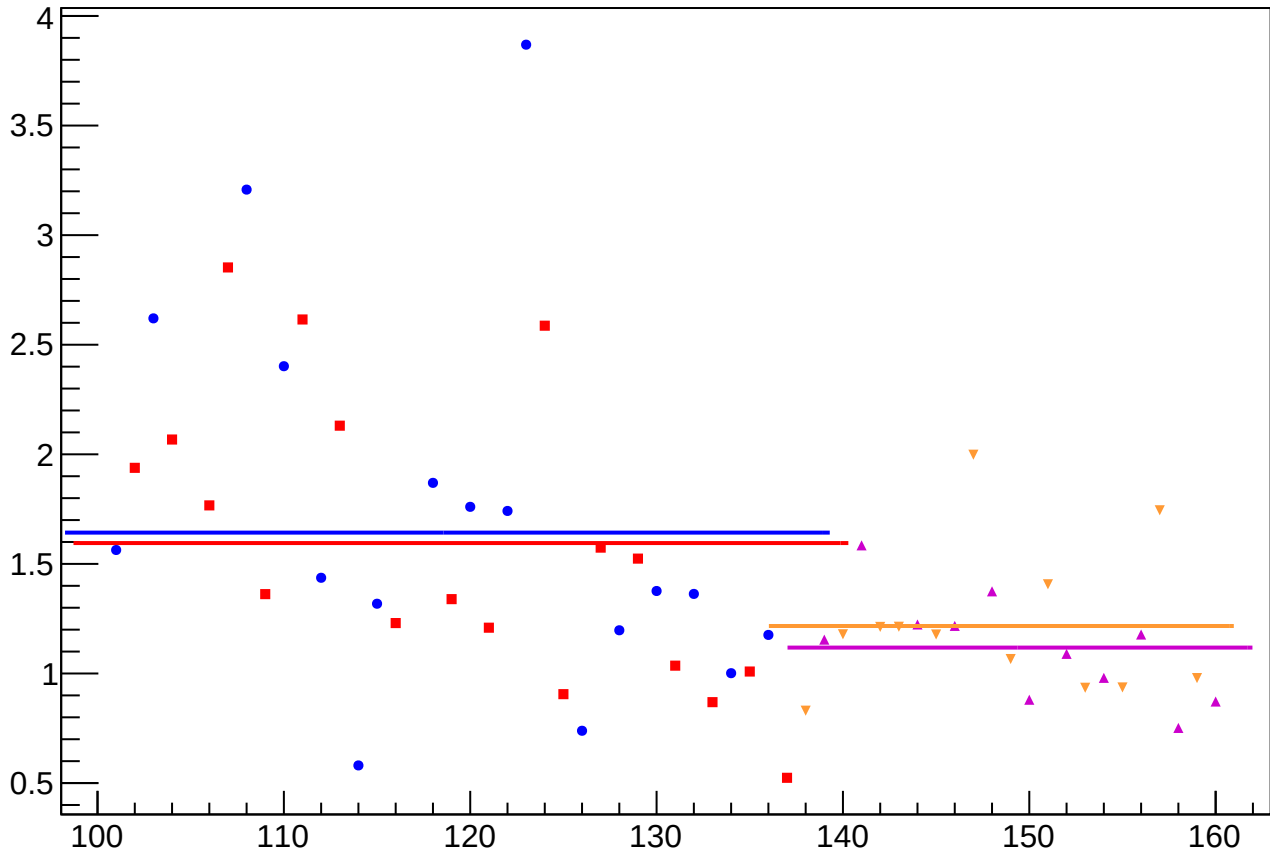
All: 178.958 $\pm$ 0.000 χ^2 /NDF: 436350214108

Right Out: 191.757 $\pm$ 0.000 χ^2 /NDF: 1600653754892471682568282524337831936.0/17

- sign 181.564 $\pm$ 0.000 χ^2 /NDF: 183717418801237

Left In: 173.752 $\pm$ 0.000 χ^2 /NDF: 105283442852130720199037078170763264.0/10

dit_4aY_coil4_err_mean vs Slug



Right In: 1.643 ± 0.000 χ^2/NDF : 289253300871261454870716449030144.0/16

Left Out: 1.217 ± 0.000 χ^2/NDF : 102394613447491283246123057152000.0/11

Right Out: 1.595 ± 0.000 χ^2/NDF : 253487865182855947655895326916608.0/17

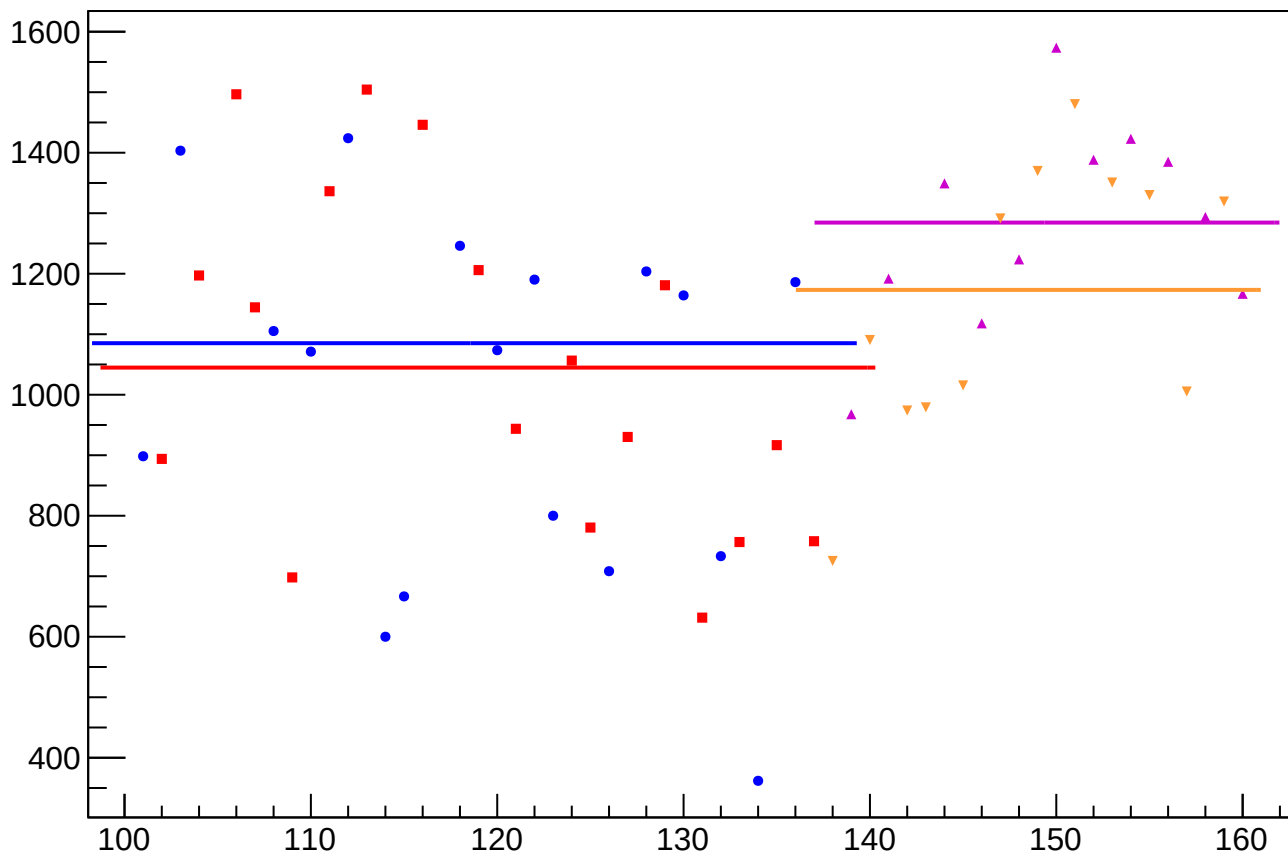
Left In: 1.118 ± 0.000 χ^2/NDF : 49044430342731068780186328629248.0/10

+ sign 1.401 ± 0.000 χ^2/NDF : 46311068860019732

All: 1.363 ± 0.000 χ^2/NDF : 86242209200143

- sign 1.325 ± 0.000 χ^2/NDF : 39461161698716610

dit_4aY_coil4_Ndata_mean vs Slug



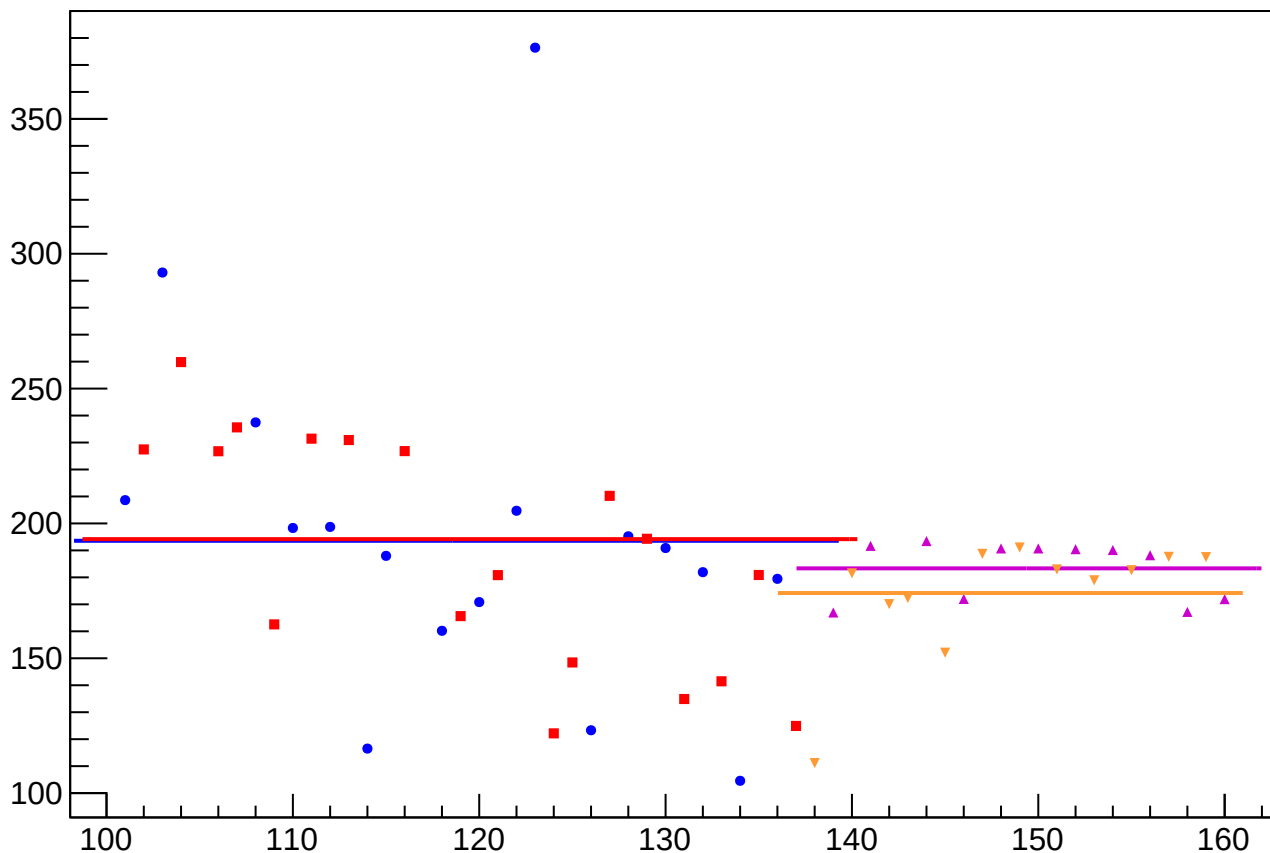
Right In: 1085.186 $\pm$ 0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287 $\pm$ 0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 $\pm$ 0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540 $\pm$ 0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

dit_4eY_coil4_mean vs Slug



Right In: 193.573 $\pm$ 0.000 χ^2 /NDF: 1351064334288465855493252395600707584.0/16

+ sign 182.586 $\pm$ 0.000 χ^2 /NDF: 193395556536341

Left Out: 174.198 $\pm$ 0.000 χ^2 /NDF: 435157803959110752164132199015120896.0/11

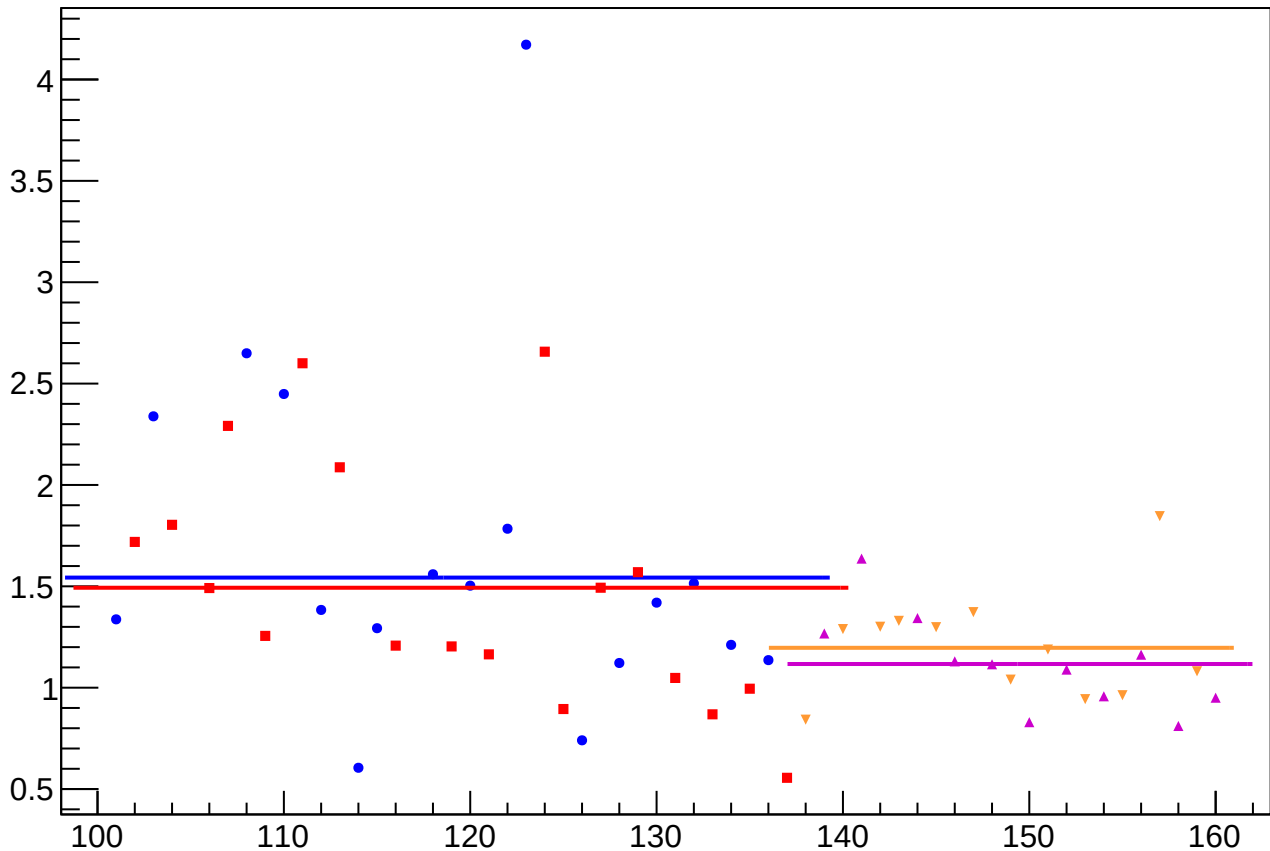
All: 185.351 $\pm$ 0.000 χ^2 /NDF: 324232146374

Right Out: 194.177 $\pm$ 0.000 χ^2 /NDF: 1137351144016205804609551236362928128.0/17

- sign 188.040 $\pm$ 0.000 χ^2 /NDF: 128419031553067

Left In: 183.338 $\pm$ 0.000 χ^2 /NDF: 99283390921198074748427132624437248.0/10

dit_4eY_coil4_err_mean vs Slug



Right In: 1.543 ± 0.000 χ^2/NDF : 211470615756148398389395258867712.0/16

Left Out: 1.197 ± 0.000 χ^2/NDF : 59586654303702490446710865657856.0/11

Right Out: 1.493 ± 0.000 χ^2/NDF : 198853919603996729553220305682432.0/17

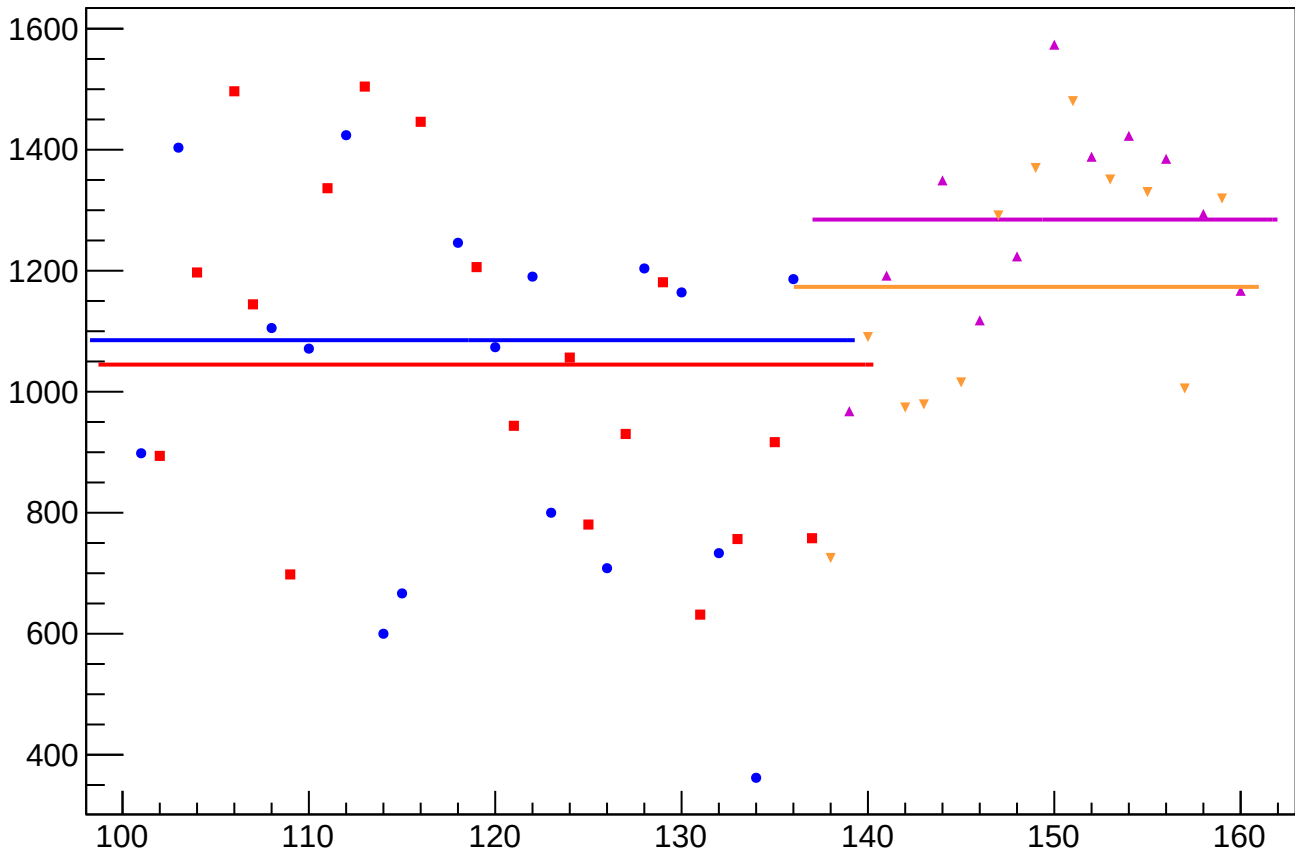
Left In: 1.117 ± 0.000 χ^2/NDF : 49235563214758682247299927638016.0/10

All: 1.313 ± 0.000 χ^2/NDF : 62725316120640

+ sign 1.347 ± 0.000 χ^2/NDF : 31826840935041259

- sign 1.280 ± 0.000 χ^2/NDF : 30537443722409663

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

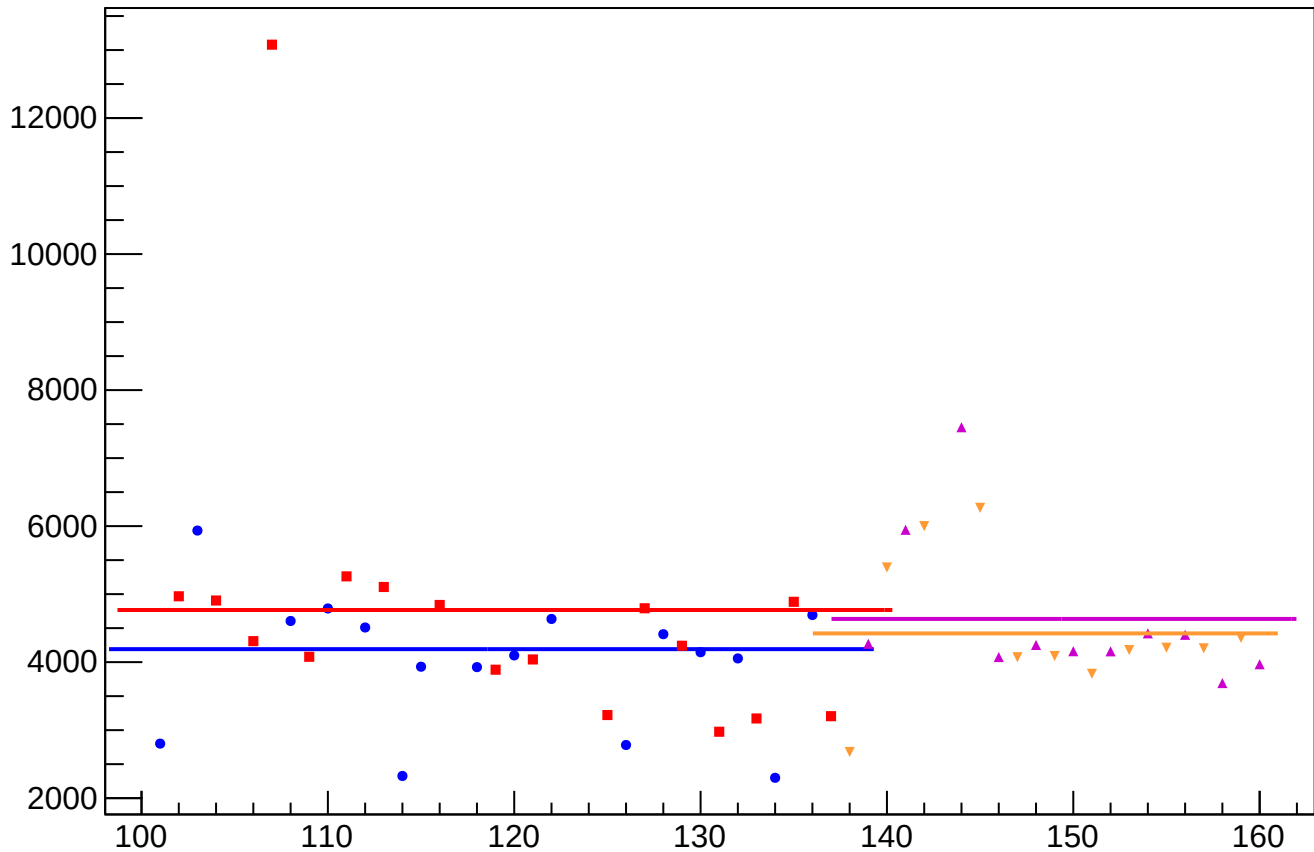
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

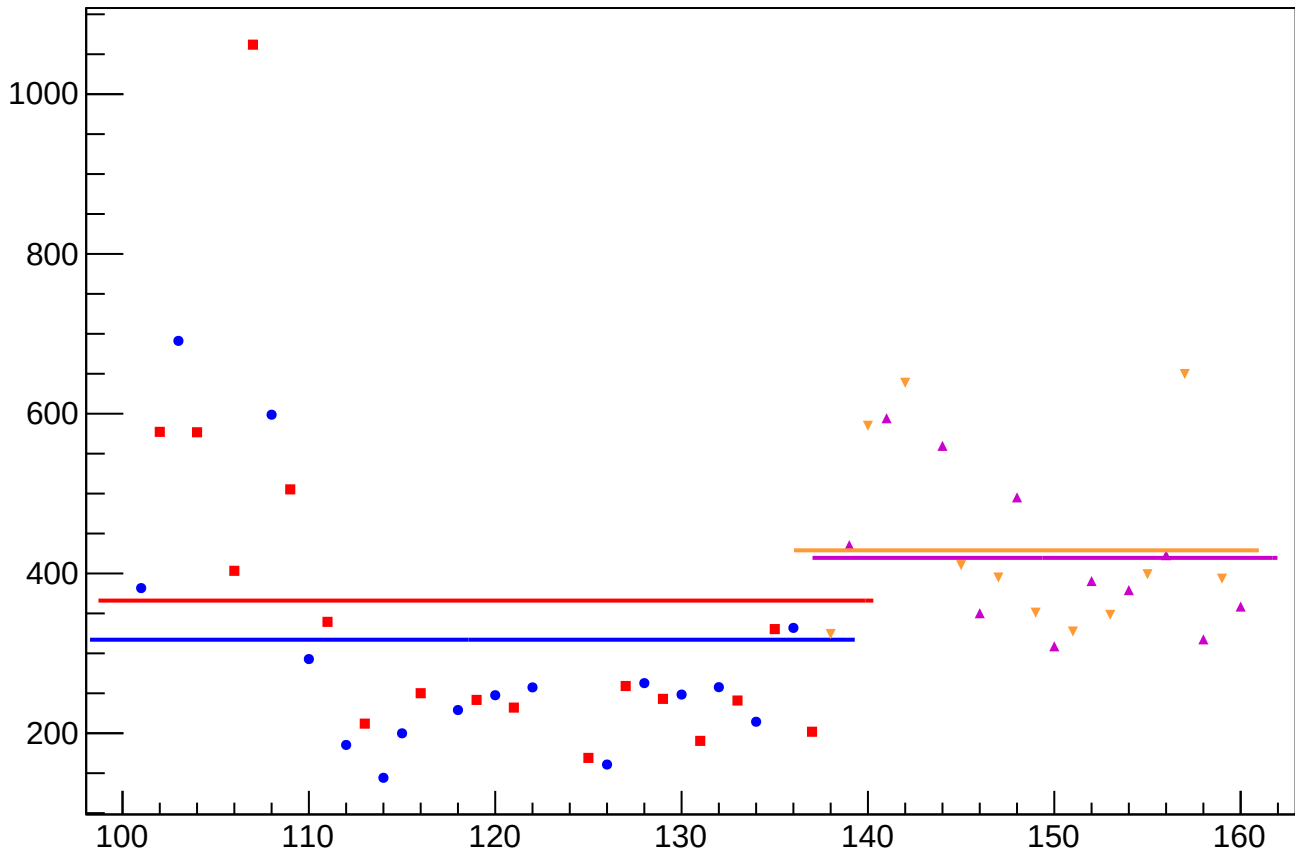
- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_usl_coil4_mean vs Slug



Right In: 4190.973+/-0.000	χ^2/NDF : 554038134535494230935556440305969397760.0/15	+ sign 4318.228+/-0.000	χ^2/NDF : 13275652011608
Left Out: 4422.510+/-0.000	χ^2/NDF : 753196682646313209134126931375441313792.0/10	All: 4511.030+/-0.000	χ^2/NDF : 54737473677
Right Out: 4766.714+/-0.000	χ^2/NDF : 2969196242721495635889986773908602224640.0/16	- sign 4691.797+/-0.000	χ^2/NDF : 40358396760217
Left In: 4635.509+/-0.000	χ^2/NDF : 1059752939887595758489348119495845085184.0/10		

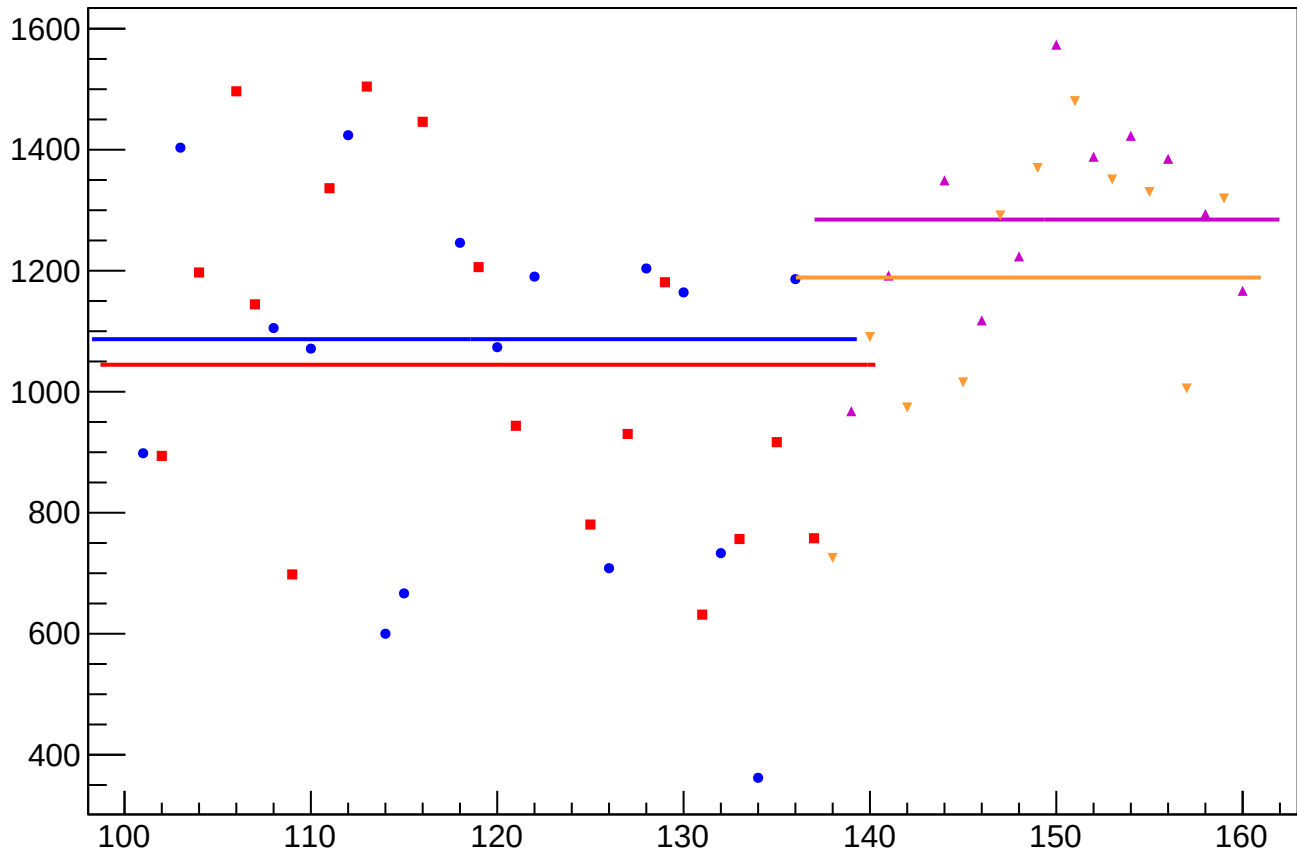
dit_usl_coil4_err_mean vs Slug



Right In: 317.084+/-0.000	χ^2/NDF : 15440276359245580191741047920465543168.0/15
Left Out: 428.978+/-0.000	χ^2/NDF : 10626522837529690140021114504579383296.0/10
Right Out: 366.053+/-0.000	χ^2/NDF : 31157973605683459615642144815175434240.0/16
Left In: 419.525+/-0.000	χ^2/NDF : 7733869691626146763225313004956418048.0/10

+ sign 378.582+/-0.000 χ^2/NDF : 308148239260214
 All: 387.873+/-0.000 χ^2/NDF : 711073608373
 - sign 396.585+/-0.000 χ^2/NDF : 400362792216568

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1086.839+/-0.000 χ^2/NDF : 44275849492978077110615226297834536960.0/15

Left Out: 1188.739+/-0.000 χ^2/NDF : 39812899139477527607362290262896279552.0/10

Right Out: 1044.621+/-0.000 χ^2/NDF : 50844042601115178022623217176499191808.0/16

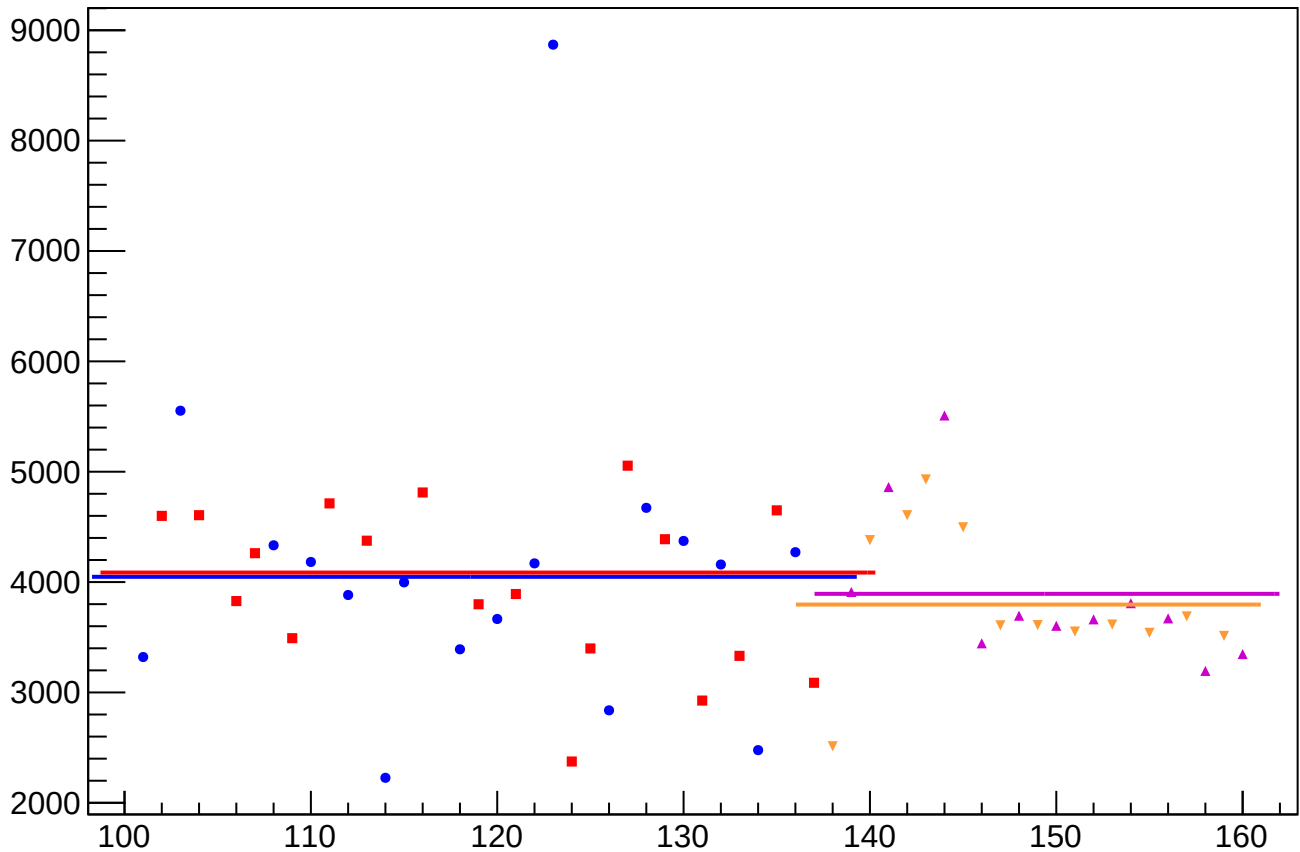
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1142.844+/-0.000 χ^2/NDF : 88026490685914

All: 1162.853+/-0.000 χ^2/NDF : 18715517322

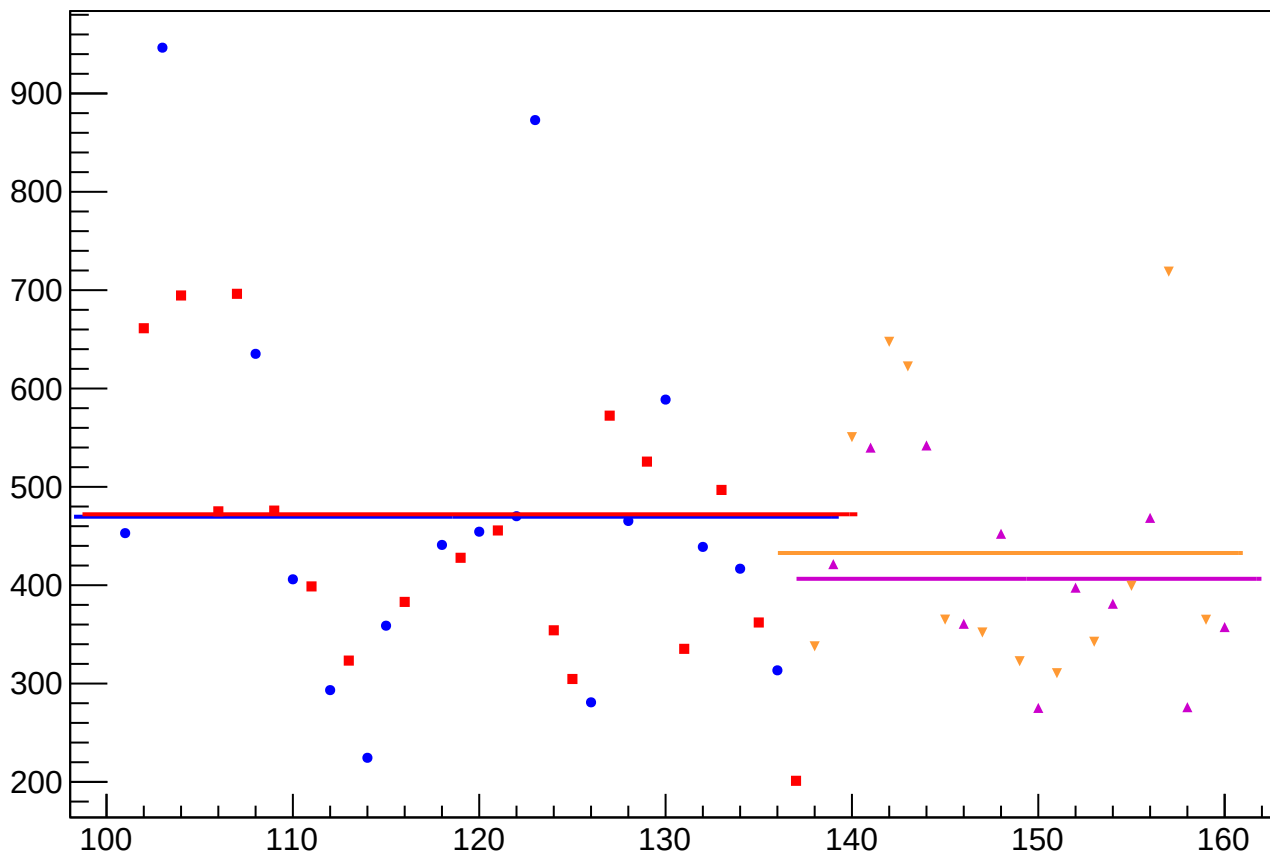
- sign 1181.613+/-0.000 χ^2/NDF : 97940288623670

dit_usr_coil4_mean vs Slug



Right In: 4047.777+/-0.000 χ^2/NDF : 474277601546286209707812771687018004480.0/16
 Left Out: 3796.236+/-0.000 χ^2/NDF : 336687829589722132467600550527009554432.0/11
 Right Out: 4086.316+/-0.000 χ^2/NDF : 301982700213825275137563978140215148544.0/17
 Left In: 3893.435+/-0.000 χ^2/NDF : 413166584185760487956391730192104554496.0/10

dit_usr_coil4_err_mean vs Slug



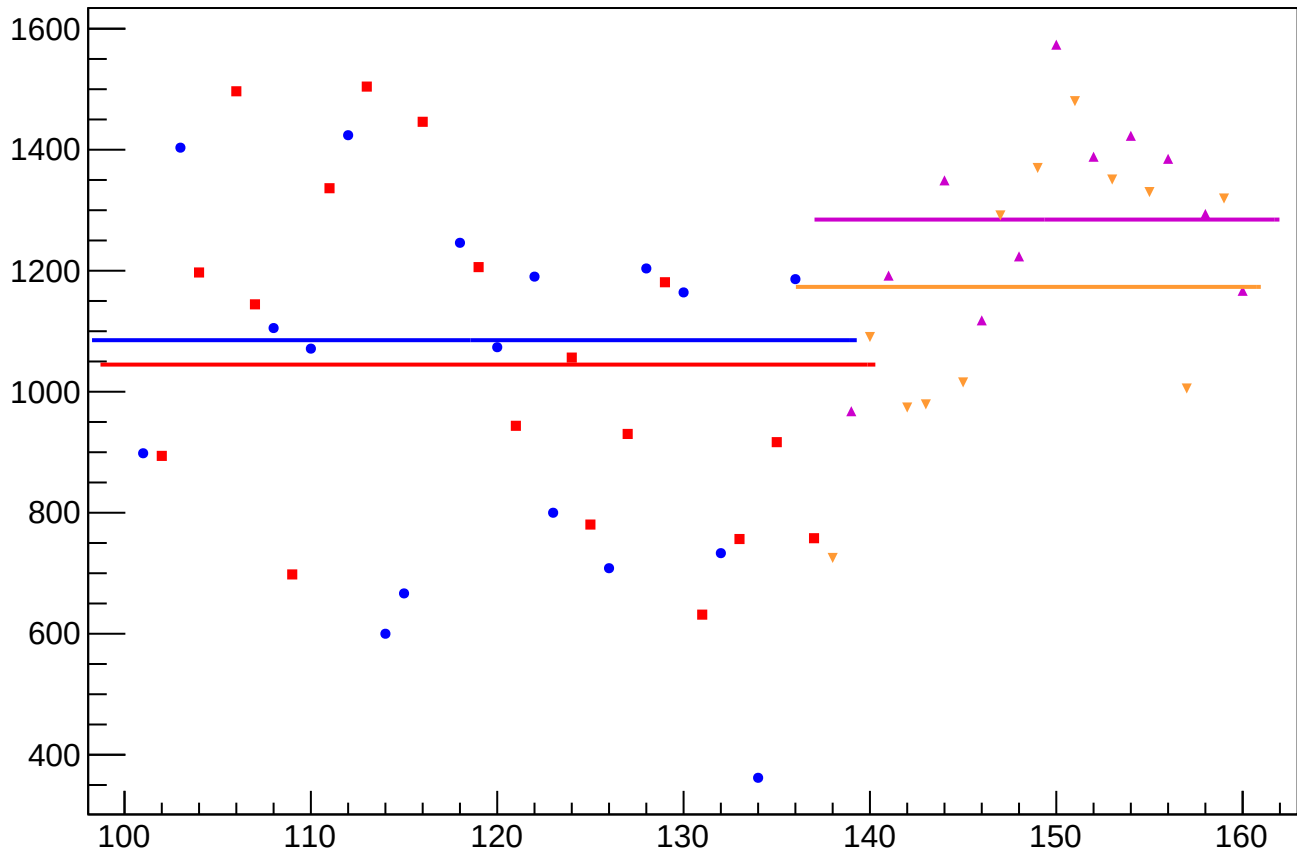
Right In: 469.645+/-0.000 χ^2/NDF : 22201042961896219188176863921652629504.0/16

Left Out: 432.752+/-0.000 χ^2/NDF : 16613778156502227039812648208749821952.0/11

Right Out: 472.112+/-0.000 χ^2/NDF : 12398871924669384395849092219212398592.0/17

Left In: 406.513+/-0.000 χ^2/NDF : 7035979744021755230989165632233144320.0/10

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

Left Out: 1173.287 $\pm$ 0.000 χ^2 /NDF: 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

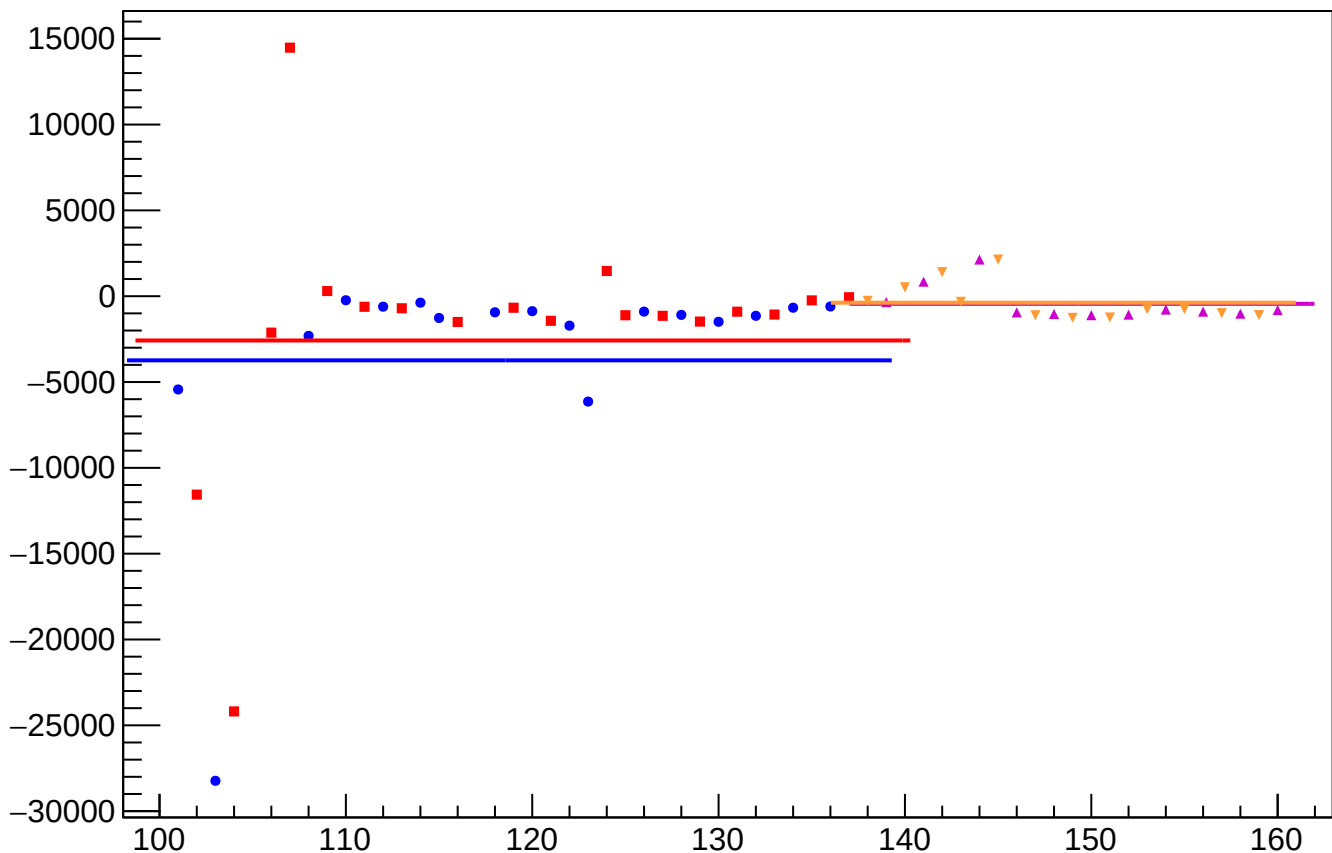
Left In: 1284.540 $\pm$ 0.000 χ^2 /NDF: 24056417049221053484728394918859374592.0/10

+ sign 1135.145 $\pm$ 0.000 χ^2 /NDF: 90197947125462

All: 1158.161 $\pm$ 0.000 χ^2 /NDF: 19003097965

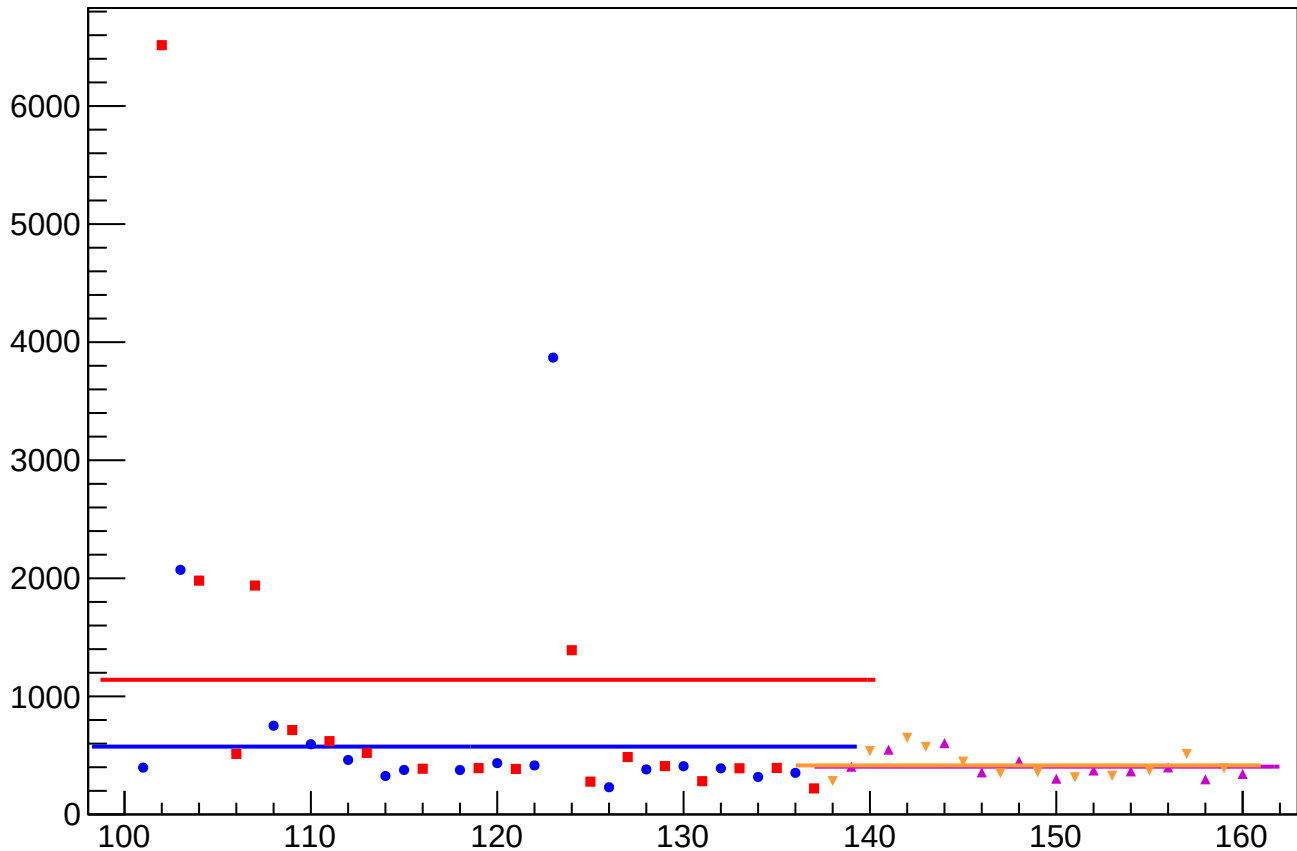
- sign 1180.549 $\pm$ 0.000 χ^2 /NDF: 98157819433615

dit_atl1_coil4_mean vs Slug



Right In: -3737.261 ± 0.000 χ^2/NDF : 39970682954500817220133496875438988853248.0/16
 Left Out: -377.495 ± 0.000 χ^2/NDF : 962483060737220205564221178088372830208.0/11
 Right Out: -2578.788 ± 0.000 χ^2/NDF : 41033783209718443304558448411646302879744.0/17
 Left In: -444.428 ± 0.000 χ^2/NDF : 923276009049297948790551518127417458688.0/10

dit_atl1_coil4_err_mean vs Slug



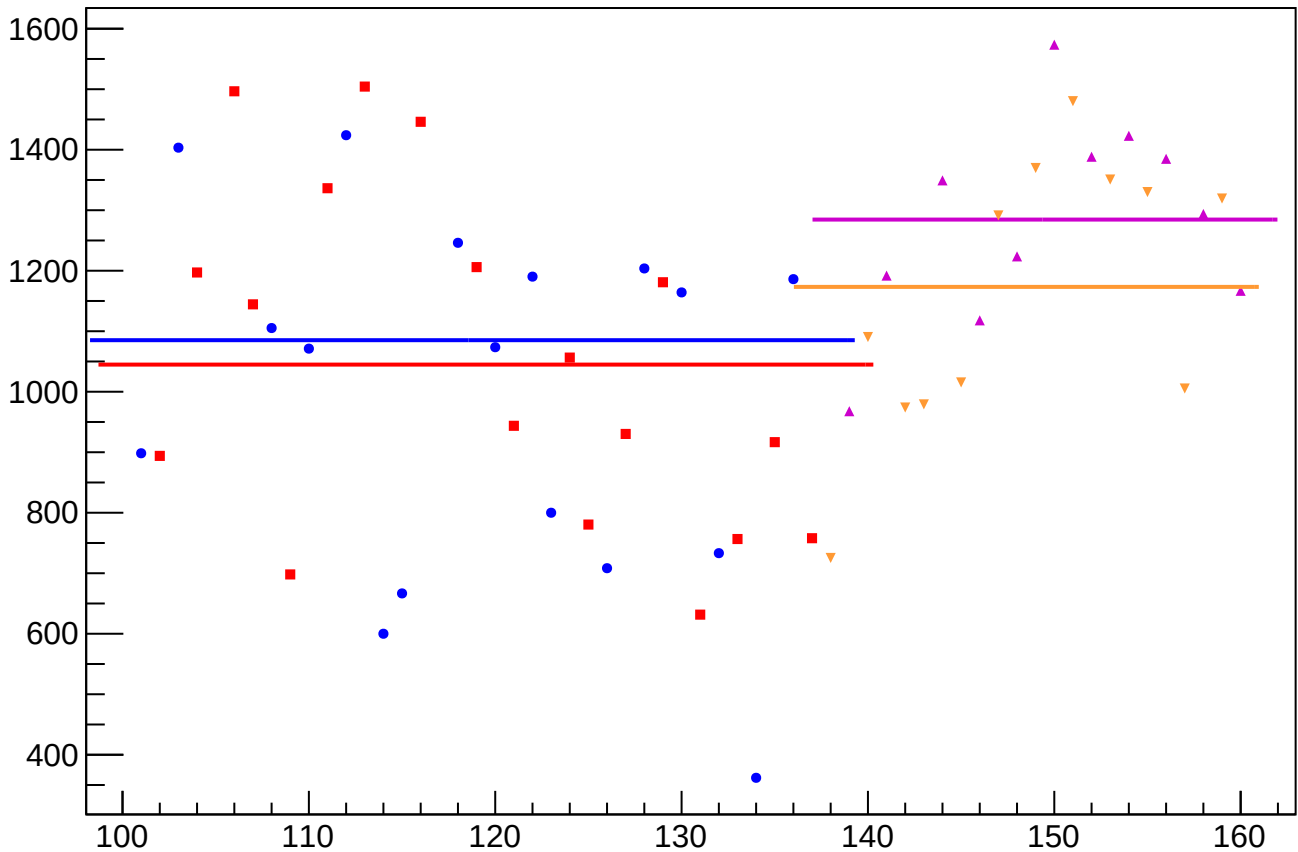
Right In: 574.655+/-0.000 χ^2/NDF : 199698400452439530730016550179978608640.0/16

Left Out: 415.289+/-0.000 χ^2/NDF : 9749177635603258088647624710302990336.0/11

Right Out: 1140.608+/-0.000 χ^2/NDF : 2013558101221942862779211693423515926528.0/17

Left In: 404.849+/-0.000 χ^2/NDF : 8121817838558046042338349225347121152.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

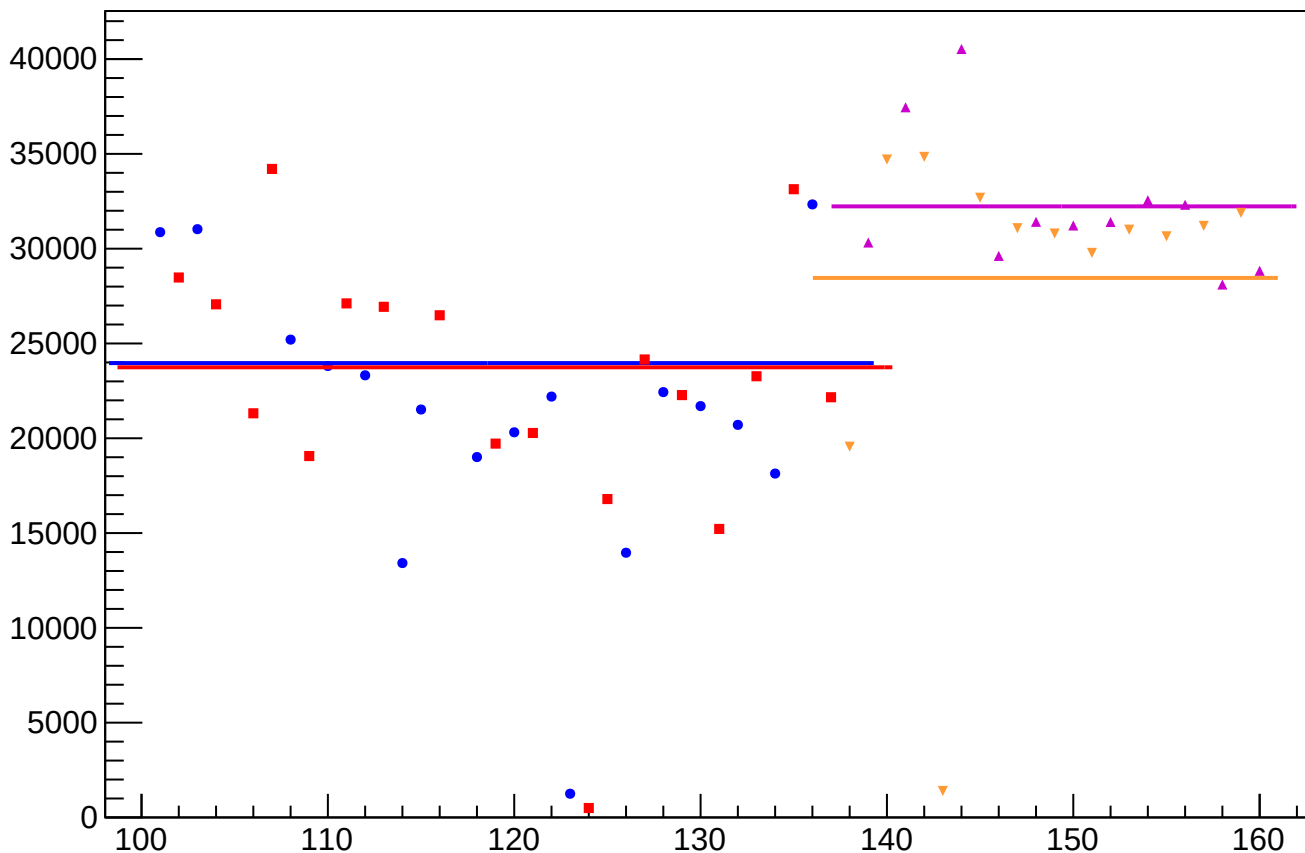
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

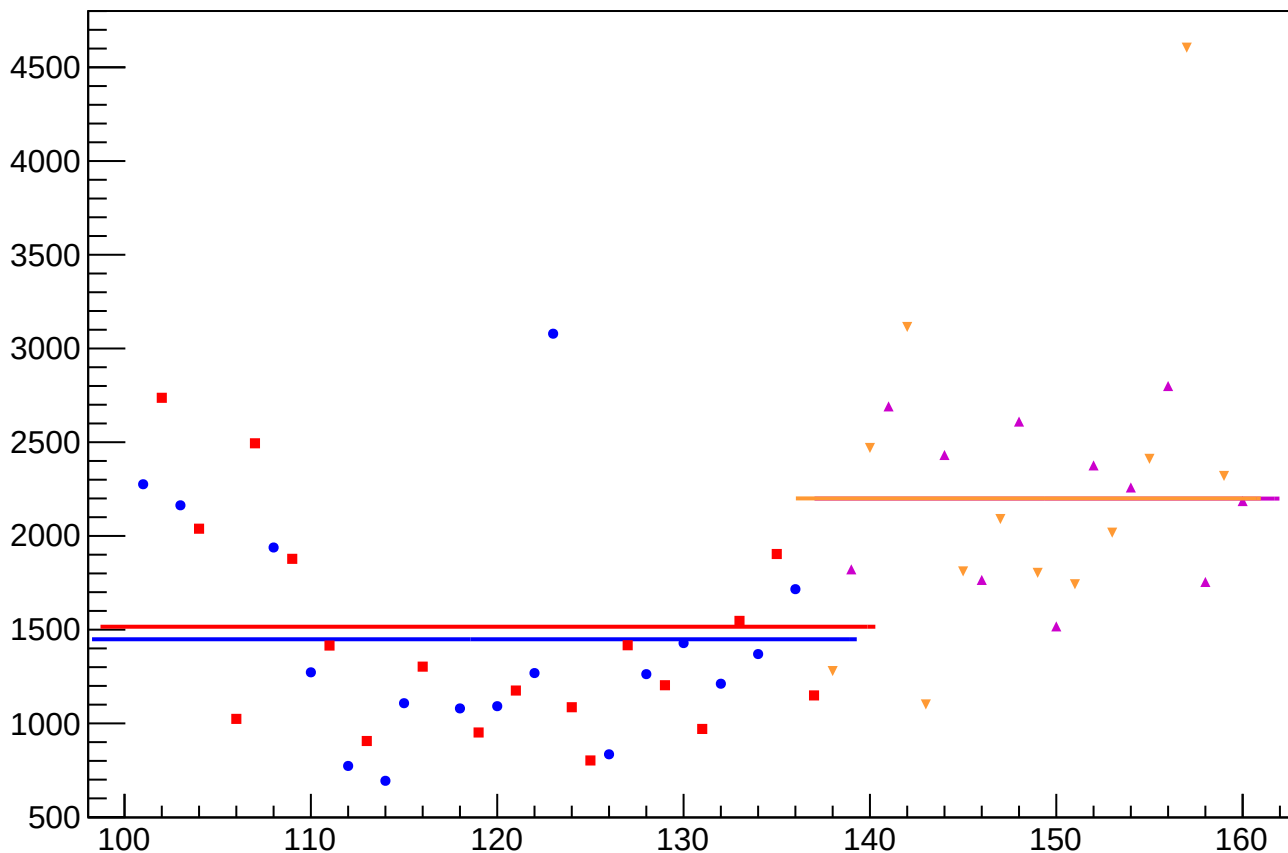
dit_atl2_coil4_mean vs Slug



Right In: 23965.147+/-0.000	χ^2/NDF : 22982900561545593794269983567622080299008.0/16
Left Out: 28458.038+/-0.000	χ^2/NDF : 65276775110198217312307166333227962990592.0/11
Right Out: 23743.519+/-0.000	χ^2/NDF : 25937218131071515690144071247519476088832.0/17
Left In: 32231.777+/-0.000	χ^2/NDF : 11867262349376140232643052148473974489088.0/10

+ sign 26512.893+/-0.000 χ^2/NDF : 9620372030038
 All: 27545.073+/-0.000 χ^2/NDF : 1665425990
 - sign 28549.068+/-0.000 χ^2/NDF : 6696985876437

dit_atl2_coil4_err_mean vs Slug



Right In: 1448.784+/-0.000 χ^2/NDF : 161243667372586677805499102921584803840.0/16

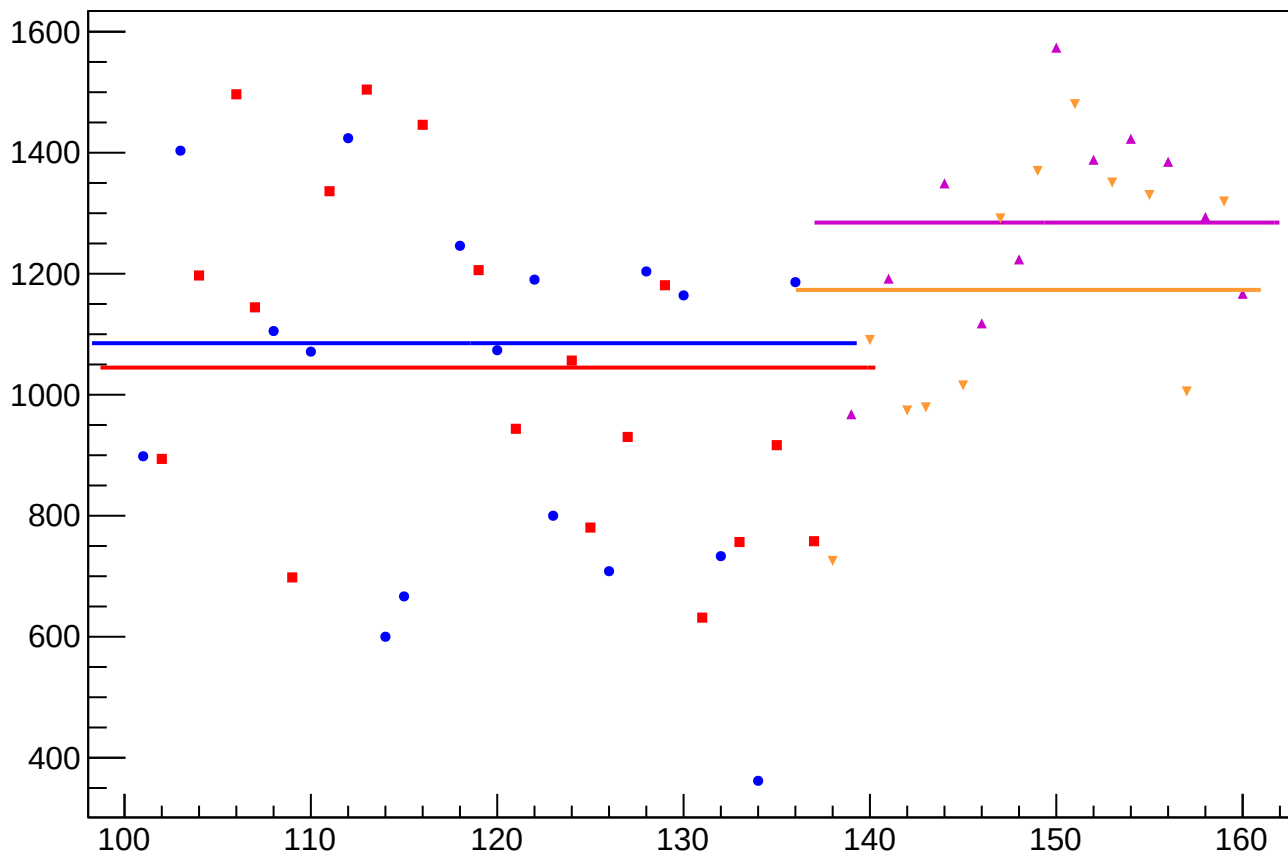
Left Out: 2200.167+/-0.000 χ^2/NDF : 669096191562201912337665879605187182592.0/11

Right Out: 1515.702+/-0.000 χ^2/NDF : 234412516405982646618467253110689497088.0/17

Left In: 2199.283+/-0.000 χ^2/NDF : 156934506780582925441007438753813233664.0/10

+ sign 1874.864+/-0.000 χ^2/NDF : 10525234712210
All: 1888.977+/-0.000 χ^2/NDF : 16336522422
- sign 1902.705+/-0.000 χ^2/NDF : 58049893545710

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

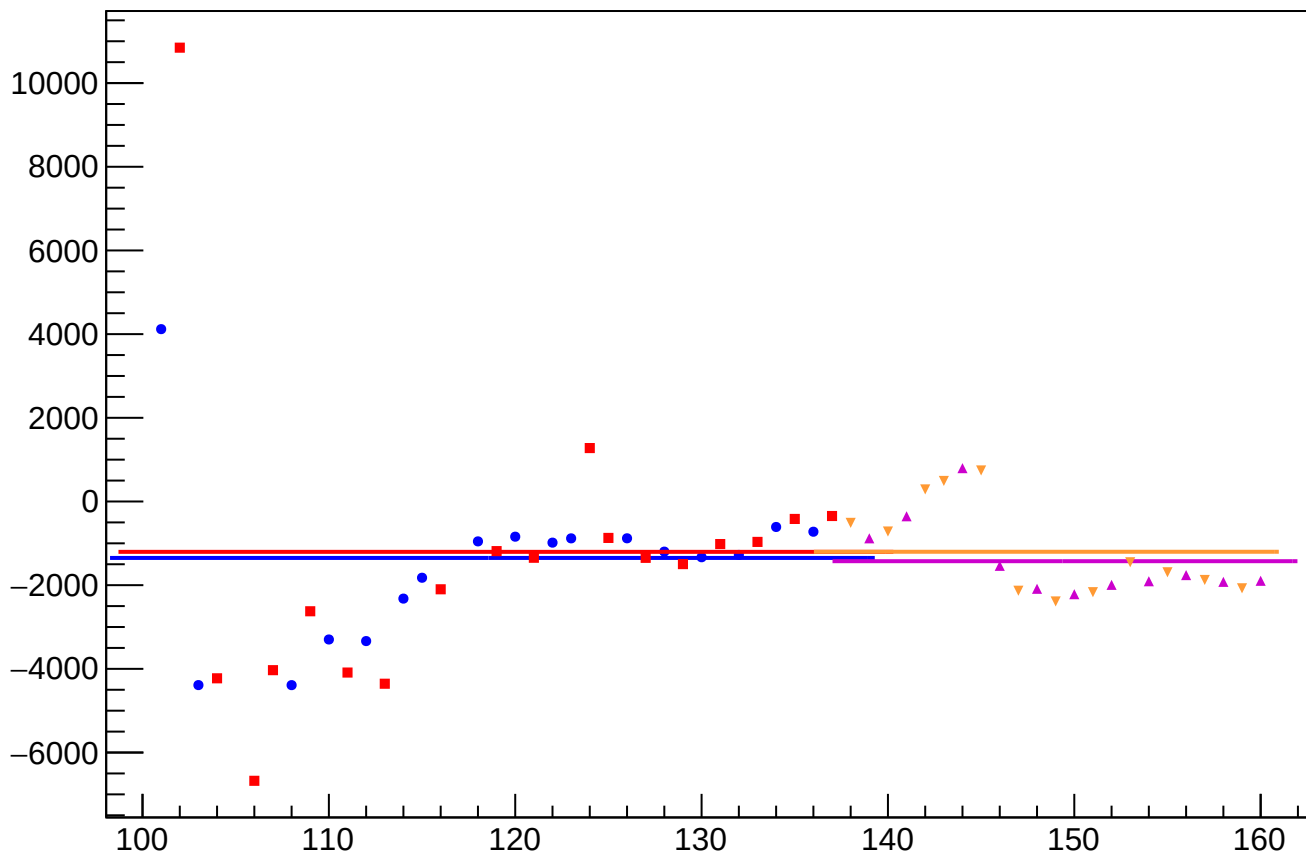
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

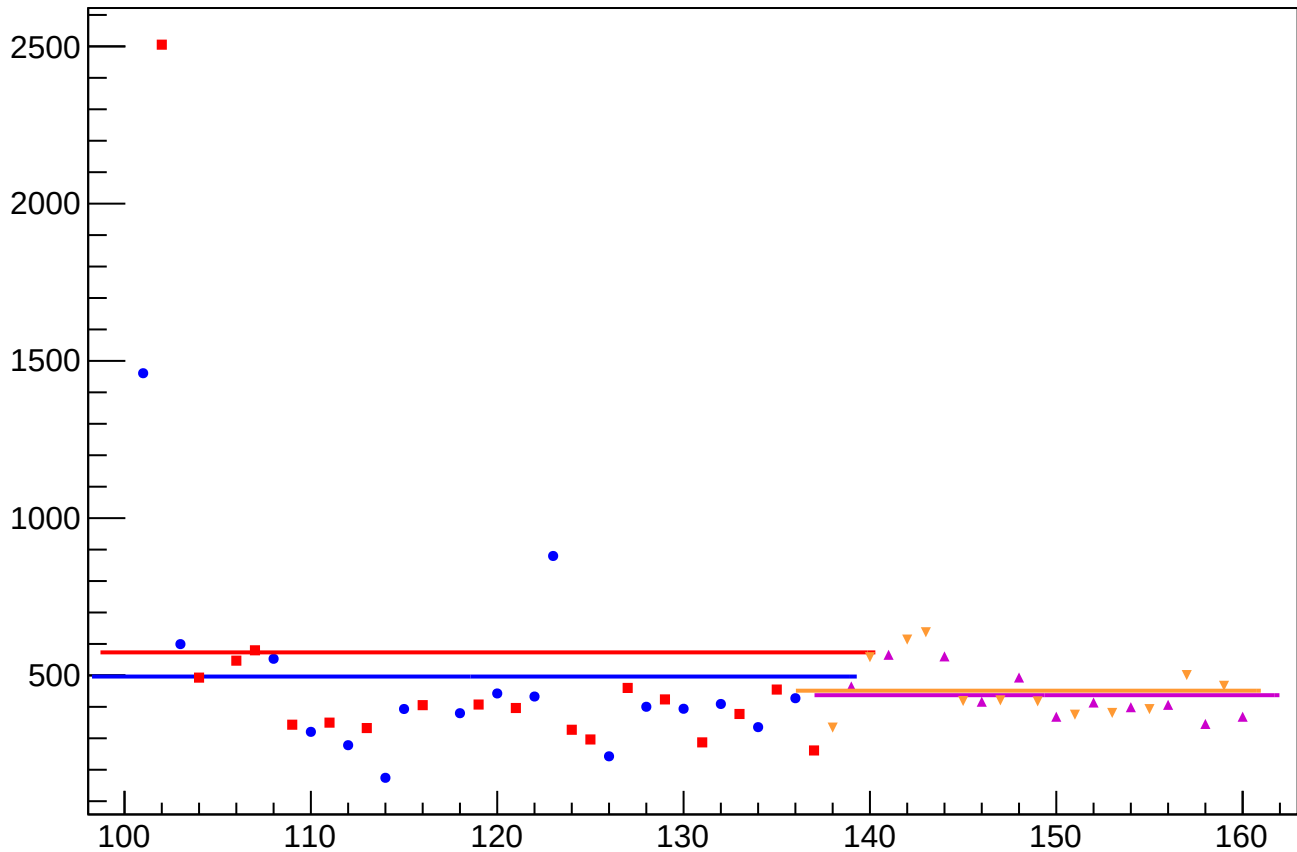
dit_atr1_coil4_mean vs Slug



Right In: -1349.176+/-0.000	χ^2/NDF : 3084941184045918680057306663363310256128.0/16
Left Out: -1201.551+/-0.000	χ^2/NDF : 1022278799851765665232545195889702993920.0/11
Right Out: -1203.612+/-0.000	χ^2/NDF : 11193438968454164485978999260490441424896.0/17
Left In: -1427.044+/-0.000	χ^2/NDF : 751413830478220555131206140402736300032.0/10

+ sign -1265.464+/-0.000 χ^2/NDF : 4115796389108
 All: -1298.232+/-0.000 χ^2/NDF : 1608425261
 - sign -1330.106+/-0.000 χ^2/NDF : 11965060685998

dit_atr1_coil4_err_mean vs Slug



Right In: 496.351+/-0.000 χ^2/NDF : 66983748455015205041159290240142147584.0/16

+ sign 470.846+/-0.000 χ^2/NDF : 749148131220304

Left Out: 451.374+/-0.000 χ^2/NDF : 7134946740505986037701205636285464576.0/11

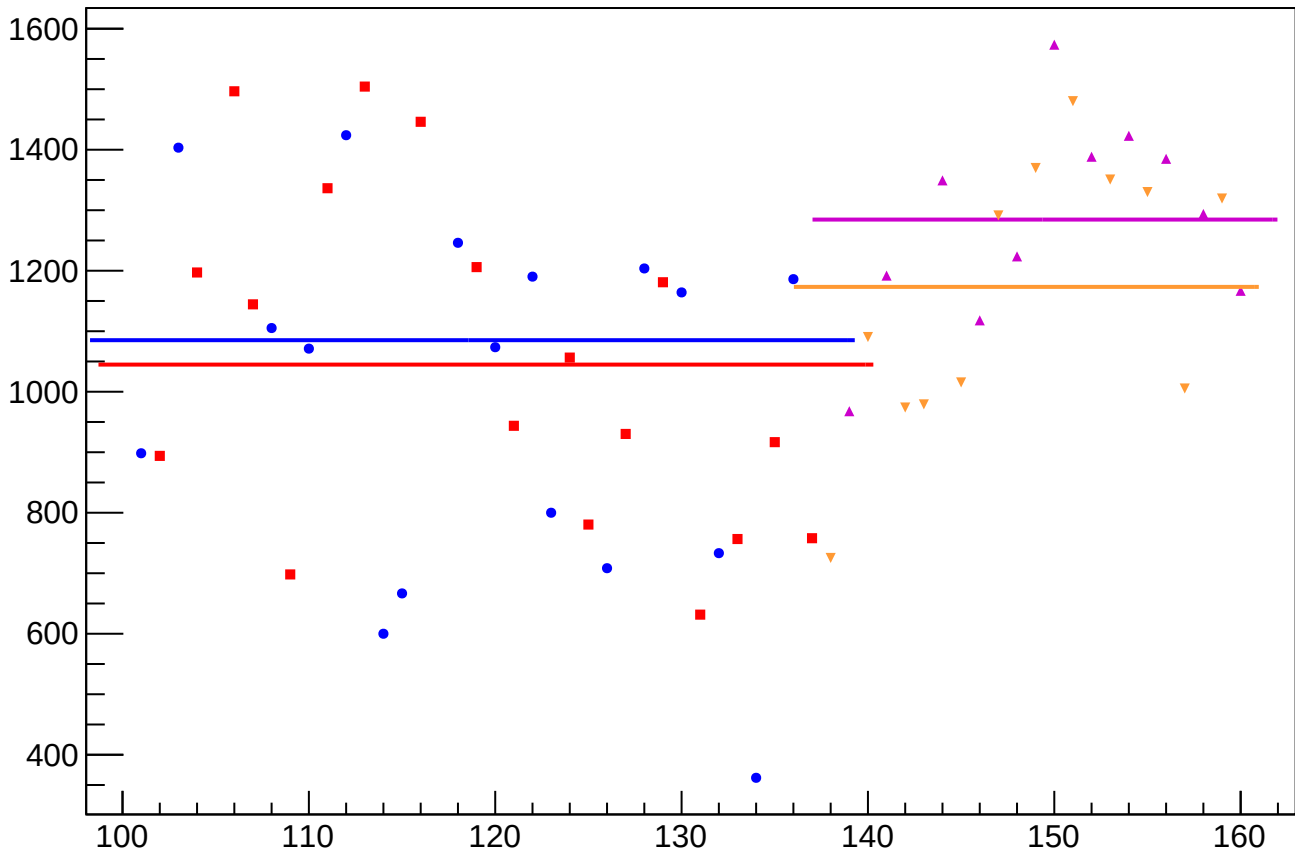
All: 483.650+/-0.000 χ^2/NDF : 327871415583

Right Out: 573.168+/-0.000 χ^2/NDF : 240073229917698868720276393416726675456.0/17

- sign 496.105+/-0.000 χ^2/NDF : 252438177393223

Left In: 437.047+/-0.000 χ^2/NDF : 4864659833143539285467190686845501440.0/10

dit_atr1_coil4_Ndata_mean vs Slug



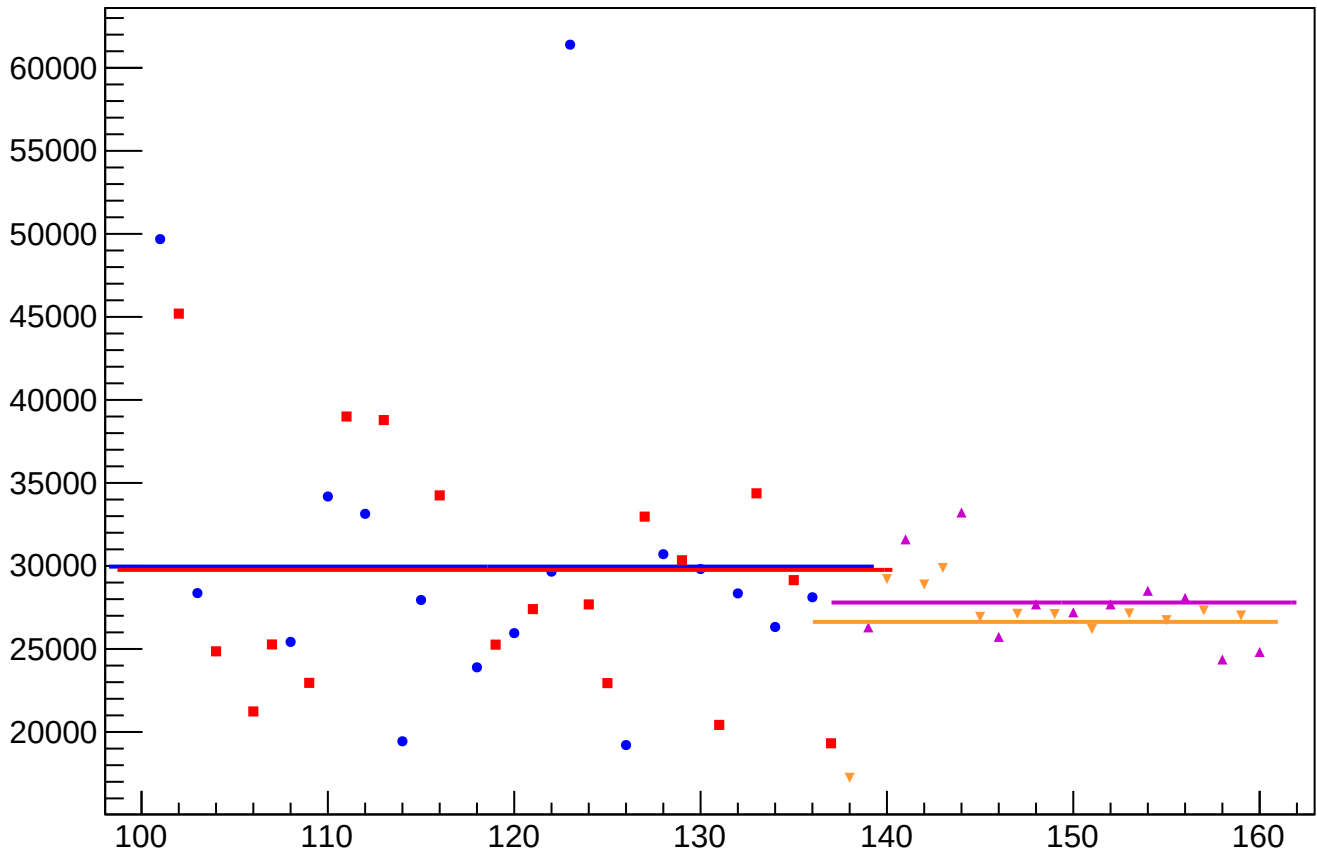
Right In: 1085.186 ± 0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287 ± 0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 ± 0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

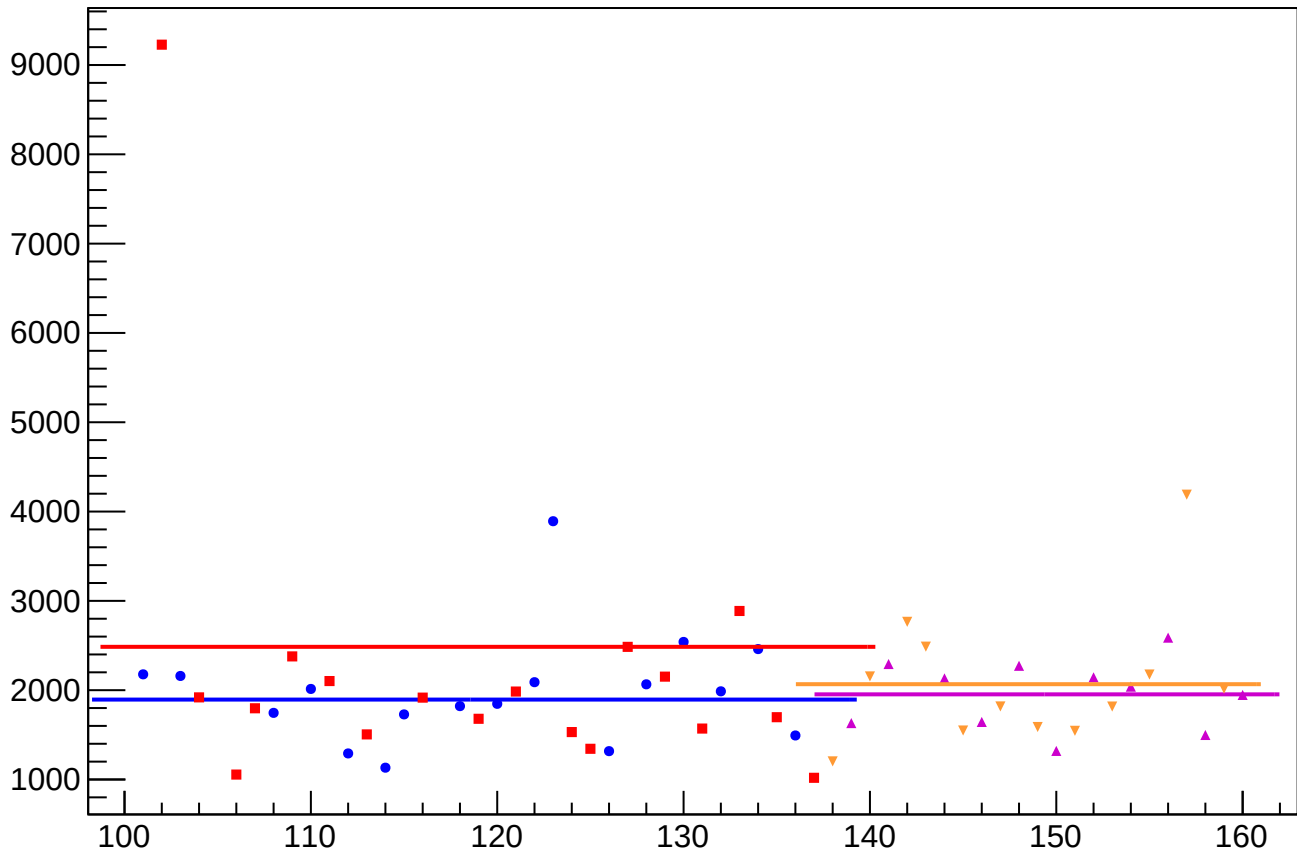
Left In: 1284.540 ± 0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

dit_atr2_coil4_mean vs Slug



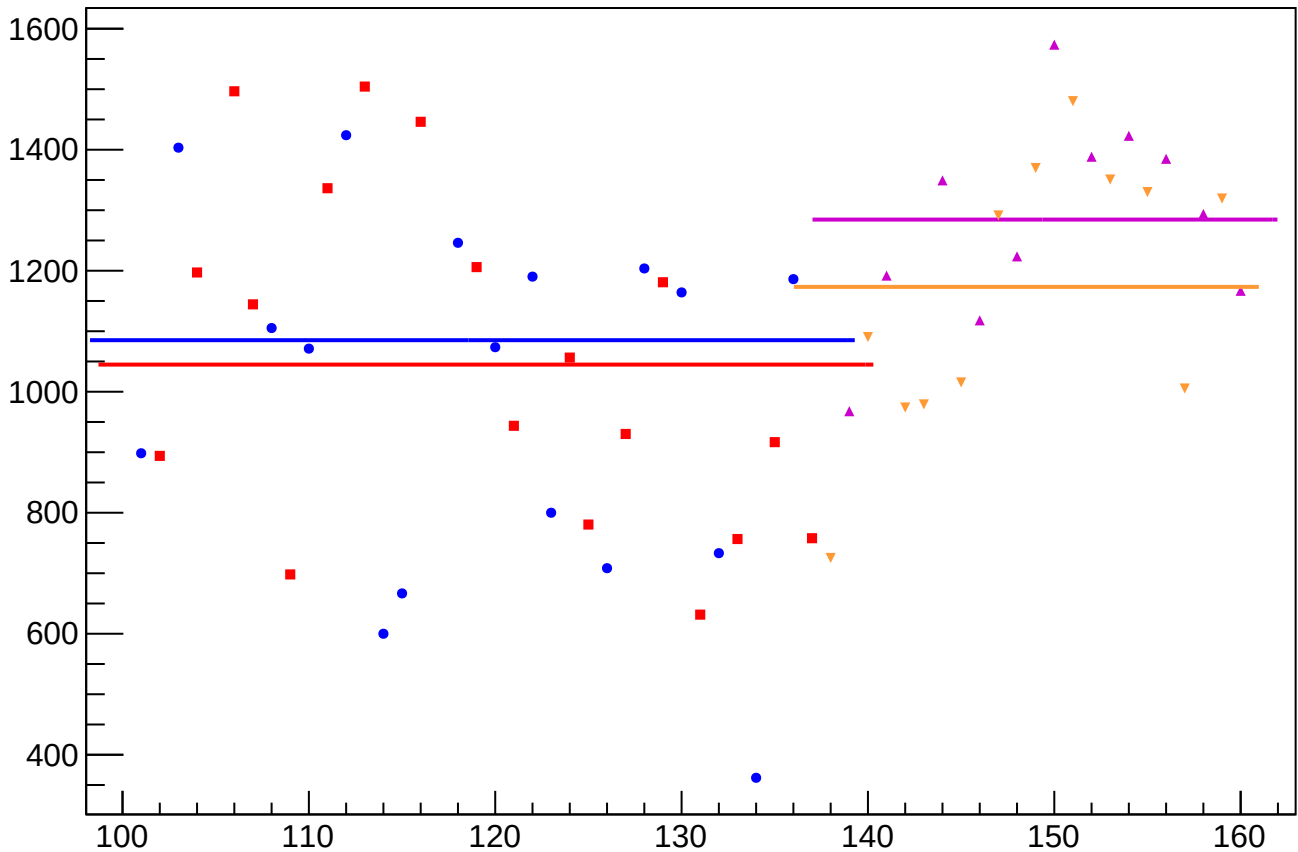
Right In: 29960.563 ± 0.000 $\chi^2/\text{NDF}: 38272709086570322906485359352807285587968.0/16$
 Left Out: 26632.417 ± 0.000 $\chi^2/\text{NDF}: 8490243568880868958289706883488159891456.0/11$
 Right Out: 29764.245 ± 0.000 $\chi^2/\text{NDF}: 38095124017741211444799459233695721848832.0/17$
 Left In: 27798.105 ± 0.000 $\chi^2/\text{NDF}: 6158980585091942758745963697527175774208.0/10$

dit_atr2_coil4_err_mean vs Slug



Right In: 1894.762 $\pm$ 0.000 χ^2 /NDF: 112136505207273757562412234872415322112.0/16
 Left Out: 2067.096 $\pm$ 0.000 χ^2 /NDF: 498951714500530031712915611537190682624.0/11
 Right Out: 2485.438 $\pm$ 0.000 χ^2 /NDF: 3007798896738182941908815432963258843136.0/17
 Left In: 1953.340 $\pm$ 0.000 χ^2 /NDF: 126893636747608035073836069635988914176.0/10

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

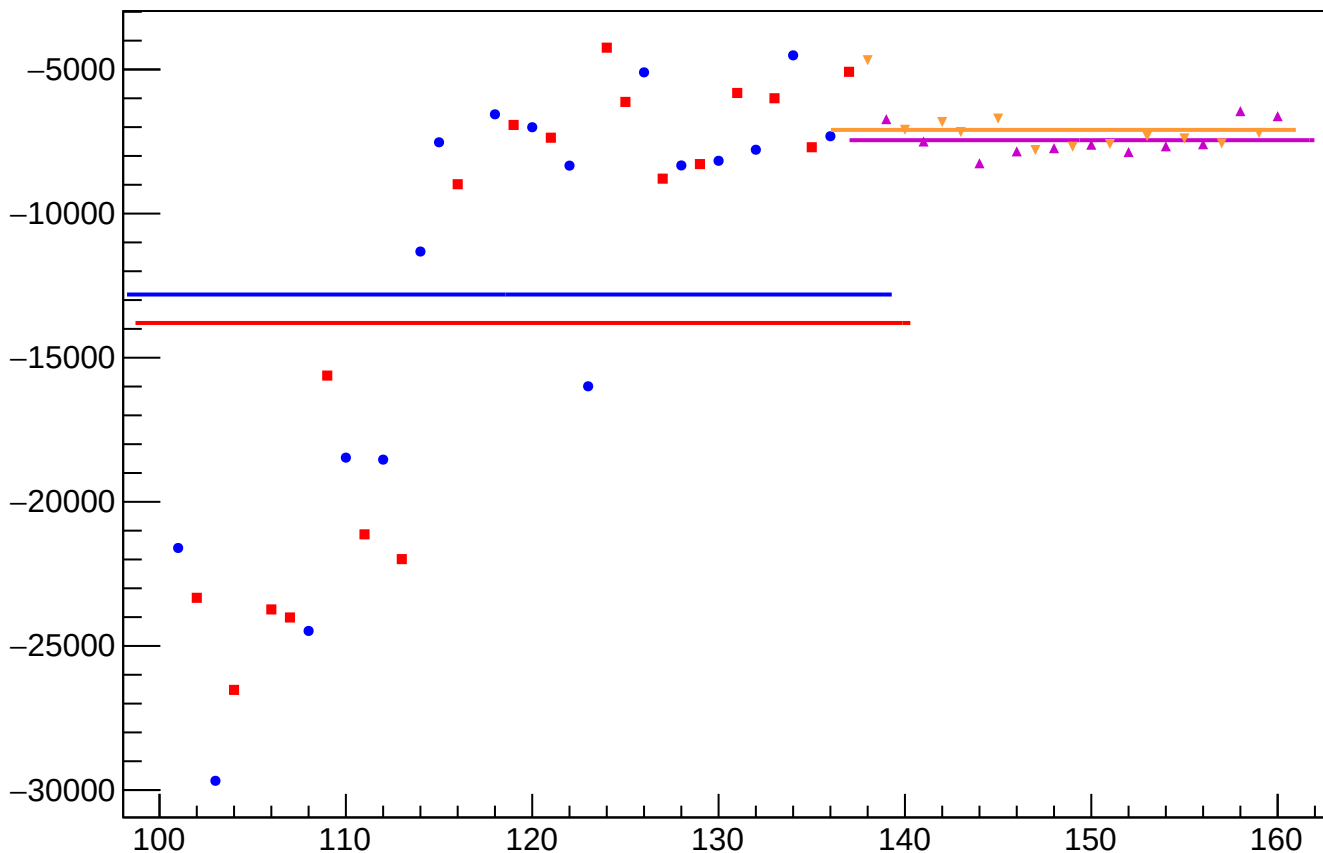
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_sam1_coil4_mean vs Slug



Right In: -12807.543+/-0.000 χ^2/NDF : 43495419642384540327712467114015835815936.0/16

Left Out: -7096.329+/-0.000 χ^2/NDF : 584722053171334285321257985594368196608.0/11

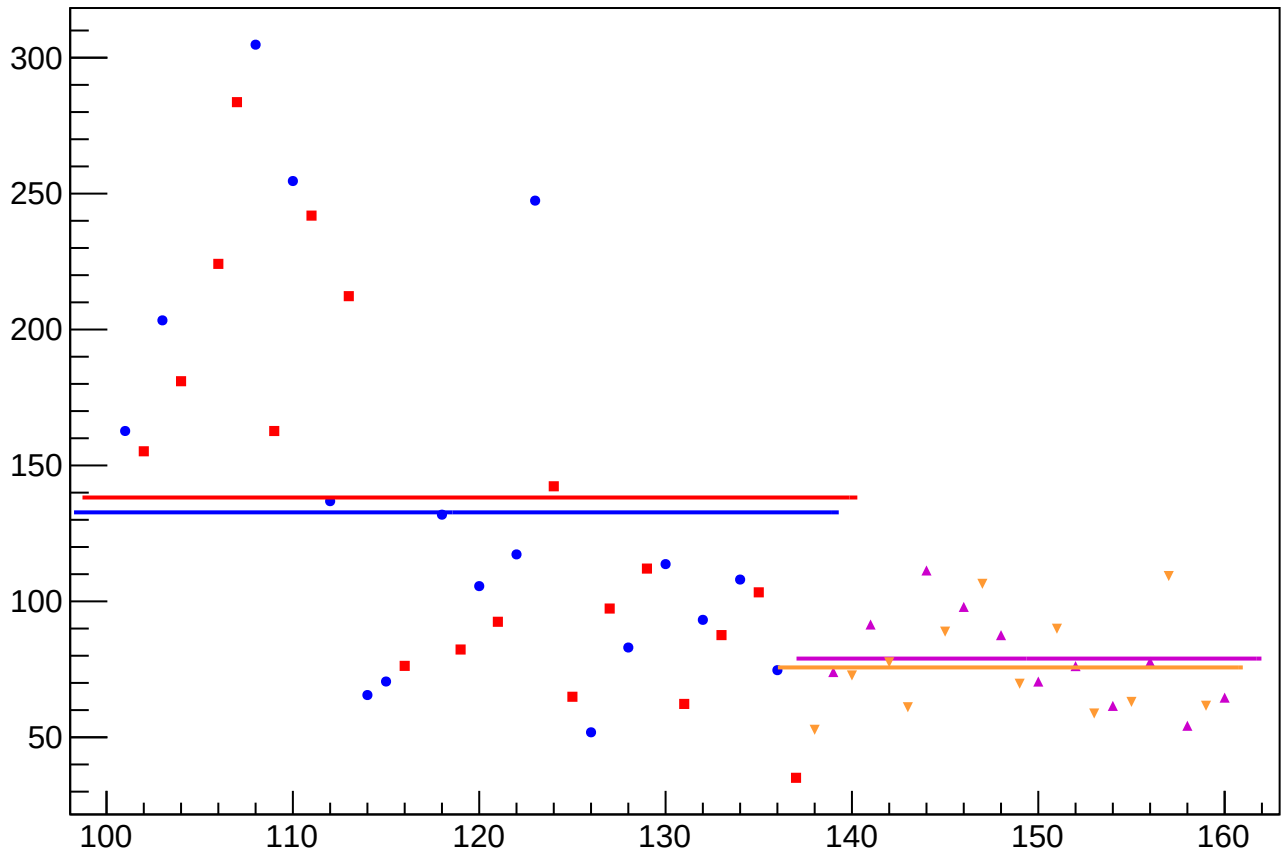
Right Out: -13794.471+/-0.000 χ^2/NDF : 44540762371856662603320518030739625738240.0/17

Left In: -7453.581+/-0.000 χ^2/NDF : 281861545149716894658296806870620307456.0/10

All: -9891.183+/-0.000 χ^2/NDF : 1183430201

- sign -10204.635+/-0.000 χ^2/NDF : 6109799348613

dit_sam1_coil4_err_mean vs Slug



Right In: 132.743+/-0.000 χ^2/NDF : 2974792347641490027349453247875121152.0/16

+ sign 100.393+/-0.000 χ^2/NDF : 455465484880578

Left Out: 75.694+/-0.000 χ^2/NDF : 299041397812904543240527879931428864.0/11

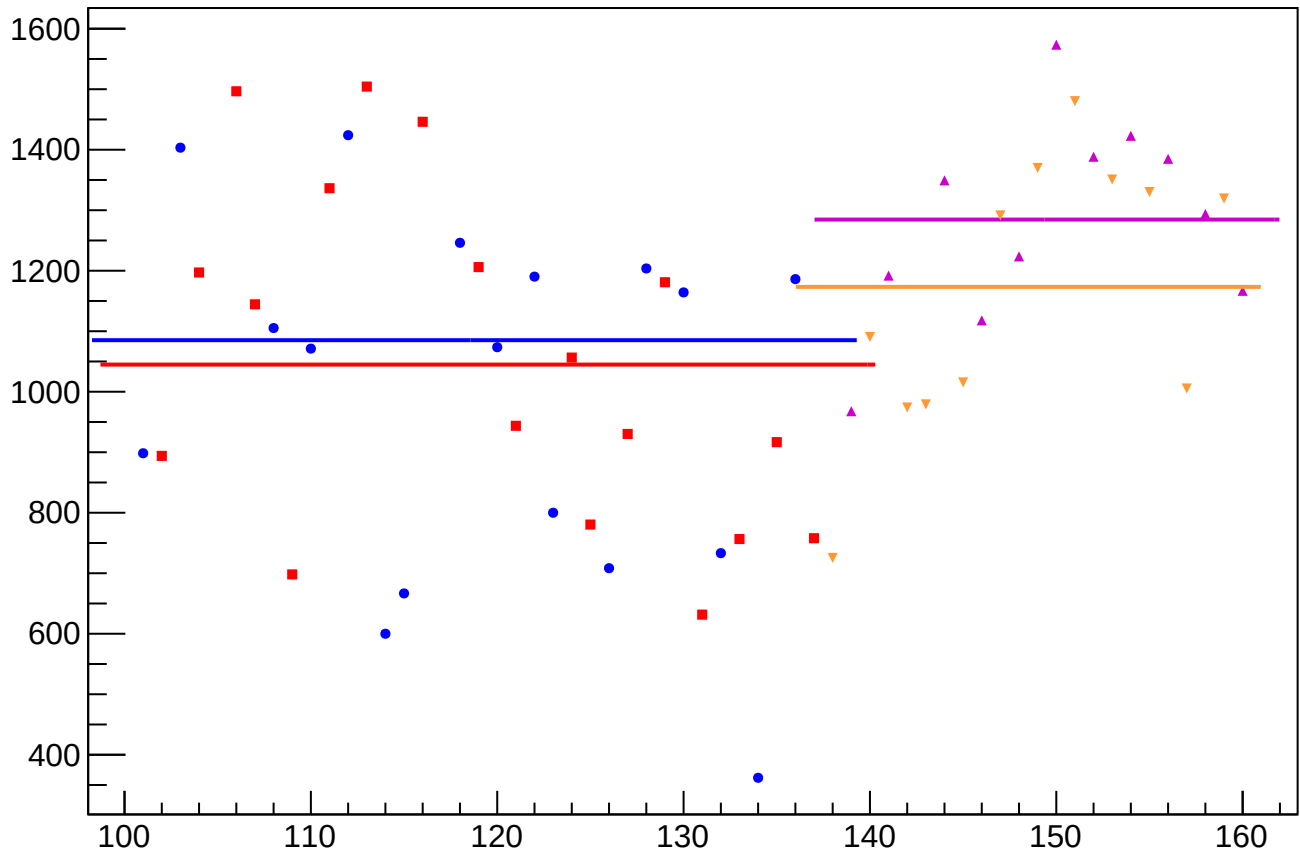
All: 102.556+/-0.000 χ^2/NDF : 931010048540

Right Out: 138.207+/-0.000 χ^2/NDF : 3073549318432471040798146297277186048.0/17

- sign 104.661+/-0.000 χ^2/NDF : 474063897841299

Left In: 78.954+/-0.000 χ^2/NDF : 245917130698538374305589687150968832.0/10

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

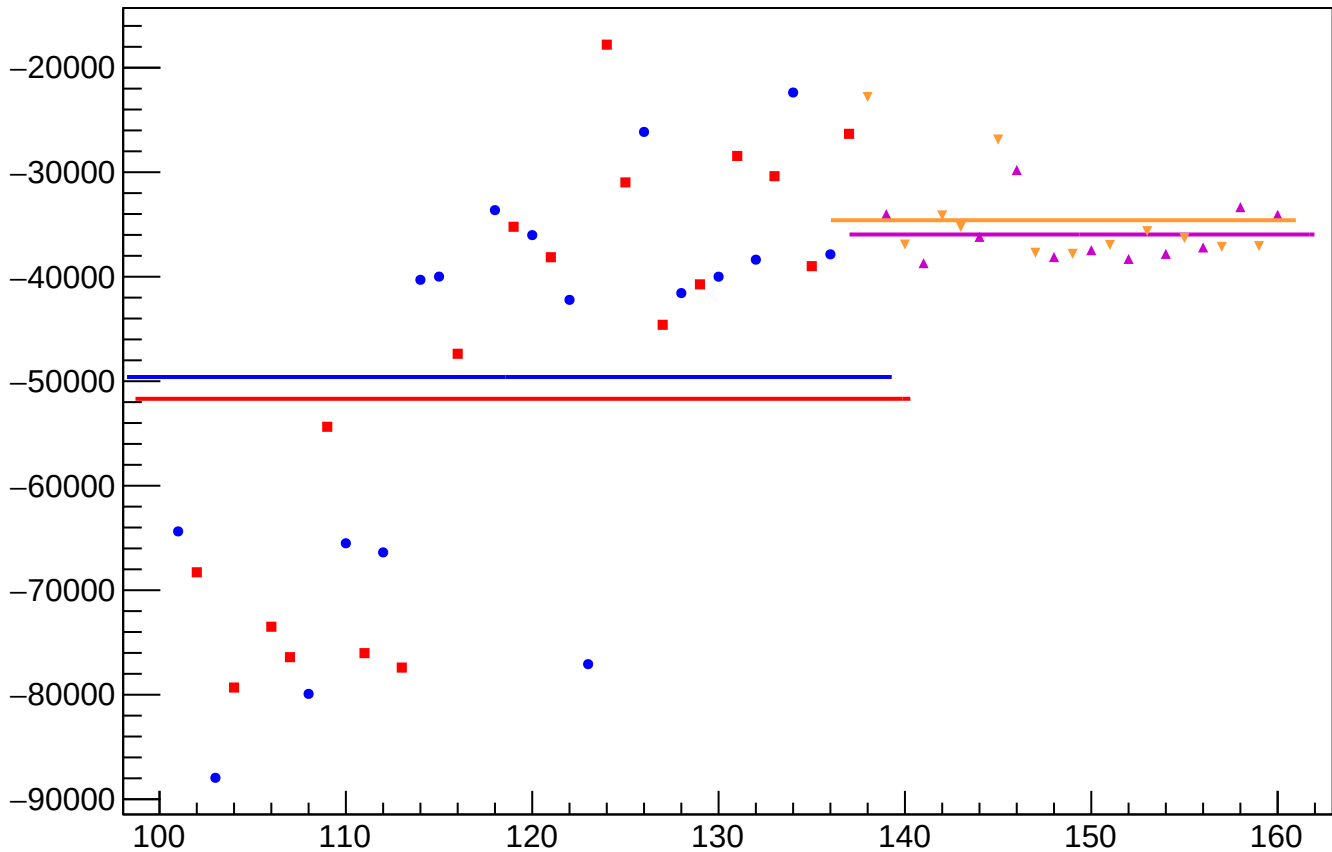
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

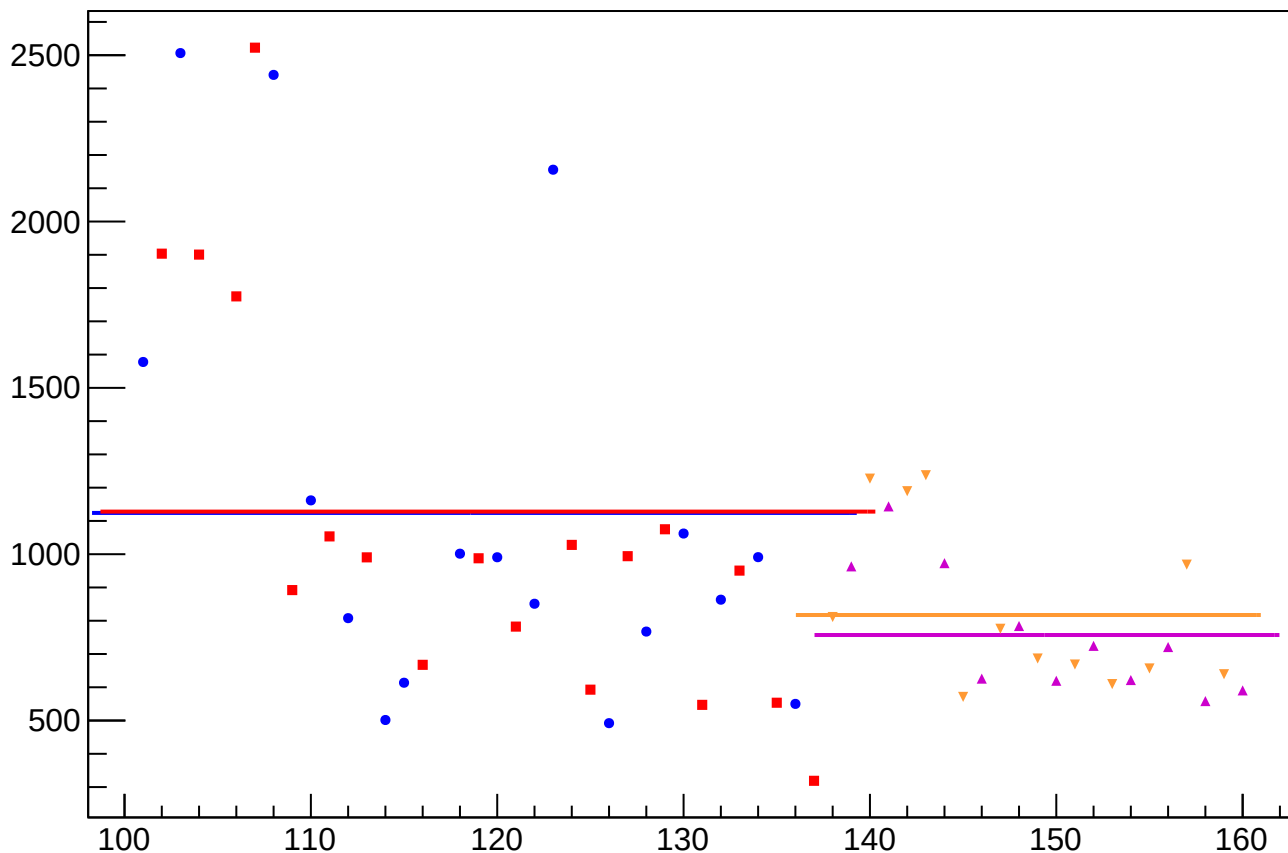
dit_sam2_coil4_mean vs Slug



Right In: -49596.405+/-0.000	χ^2/NDF : 248313182325102448289525934605791330828288.0/16
Left Out: -34593.901+/-0.000	χ^2/NDF : 19332238764834112124747040225536159776768.0/11
Right Out: -51680.980+/-0.000	χ^2/NDF : 268094403741805330481600683125097153691648.0/17
Left In: -35959.420+/-0.000	χ^2/NDF : 6460763561716039047552359643495482261504.0/10

+ sign -41089.059+/-0.000 χ^2/NDF : 356221688672
 All: -41946.417+/-0.000 χ^2/NDF : 733152366
 - sign -42780.364+/-0.000 χ^2/NDF : 3746062422135

dit_sam2_coil4_err_mean vs Slug



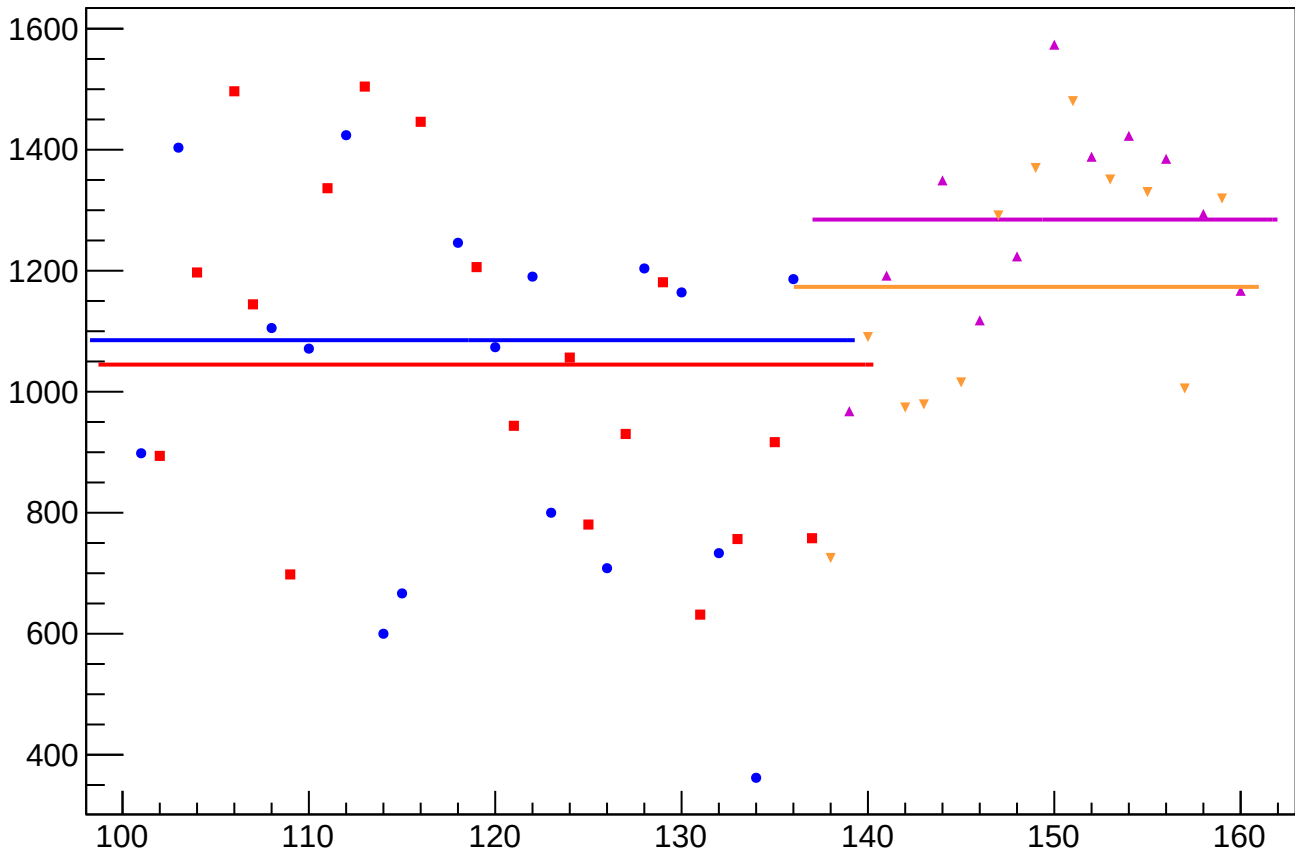
Right In: 1124.063+/-0.000 χ^2/NDF : 267842110554403806997651522470490931200.0/16

Left Out: 817.239+/-0.000 χ^2/NDF : 49942482269119198529888239758950268928.0/11

Right Out: 1128.051+/-0.000 χ^2/NDF : 216680110329654752465971394746324615168.0/17

Left In: 757.110+/-0.000 χ^2/NDF : 30838574623639063731513645765836668928.0/10

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

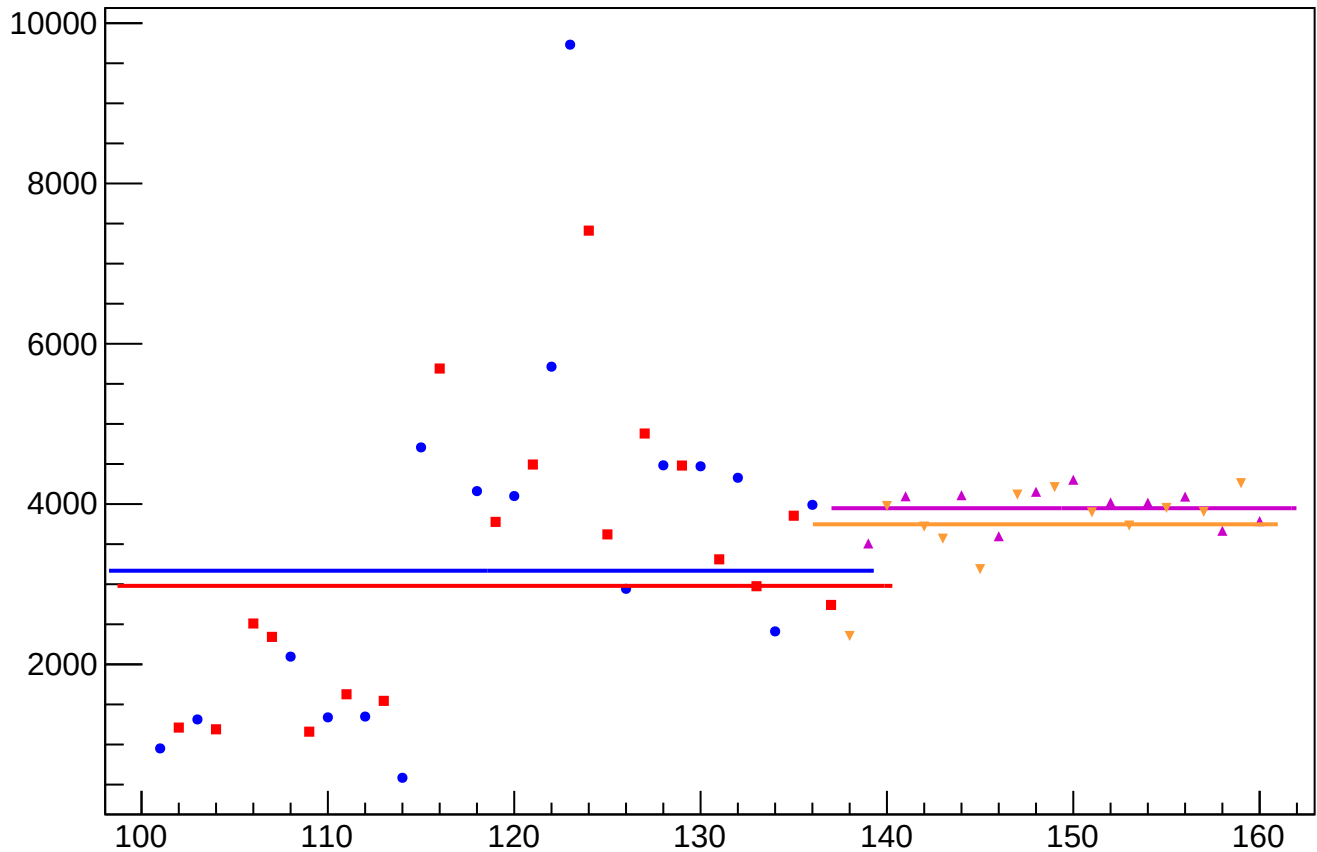
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

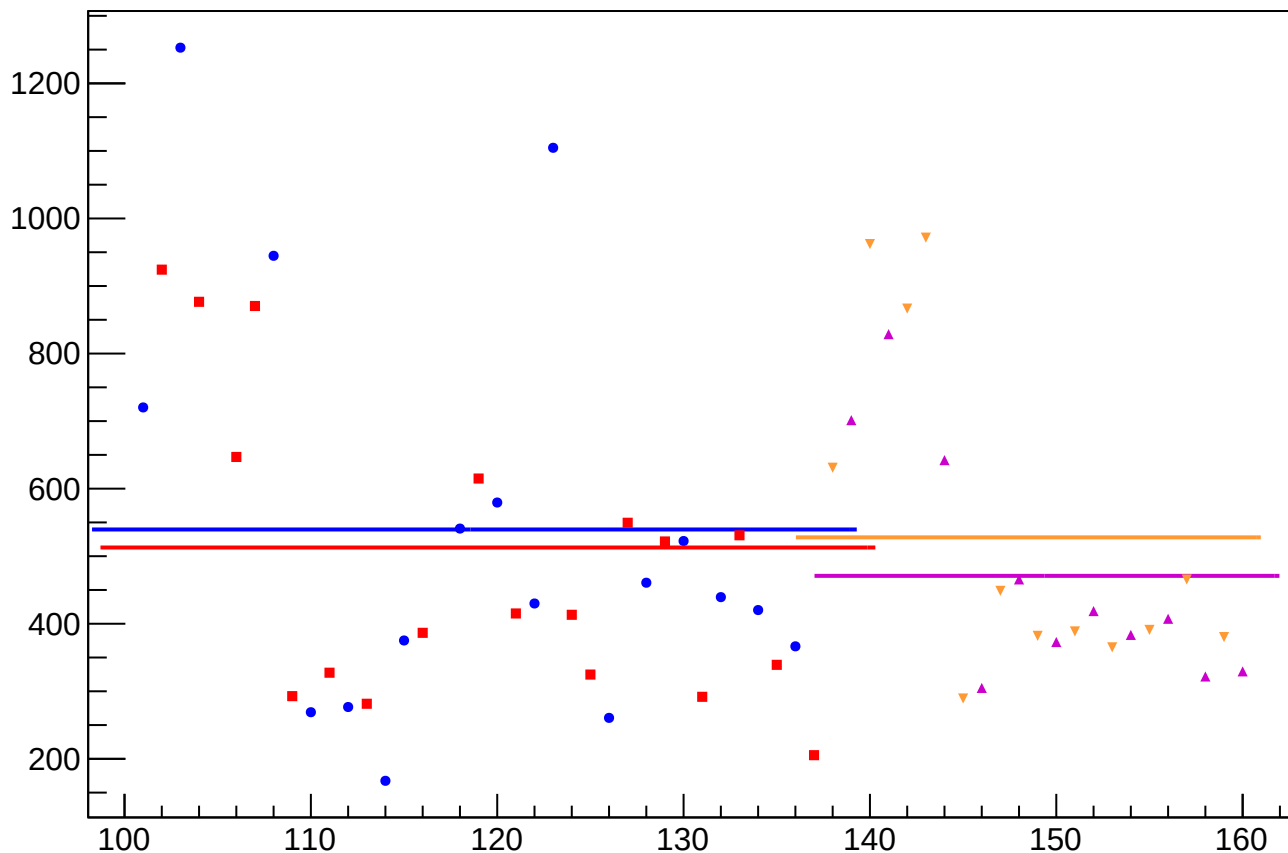
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam3_coil4_mean vs Slug



Right In: 3168.399+/-0.000 χ^2/NDF : 1758554525431486031573031760874625302528.0/16
 Left Out: 3747.596+/-0.000 χ^2/NDF : 238995509272824091169755194048479494144.0/11
 Right Out: 2979.505+/-0.000 χ^2/NDF : 1604891244832822830292138533265256480768.0/17
 Left In: 3948.419+/-0.000 χ^2/NDF : 56222692399509421042001989393274896384.0/10

dit_sam3_coil4_err_mean vs Slug



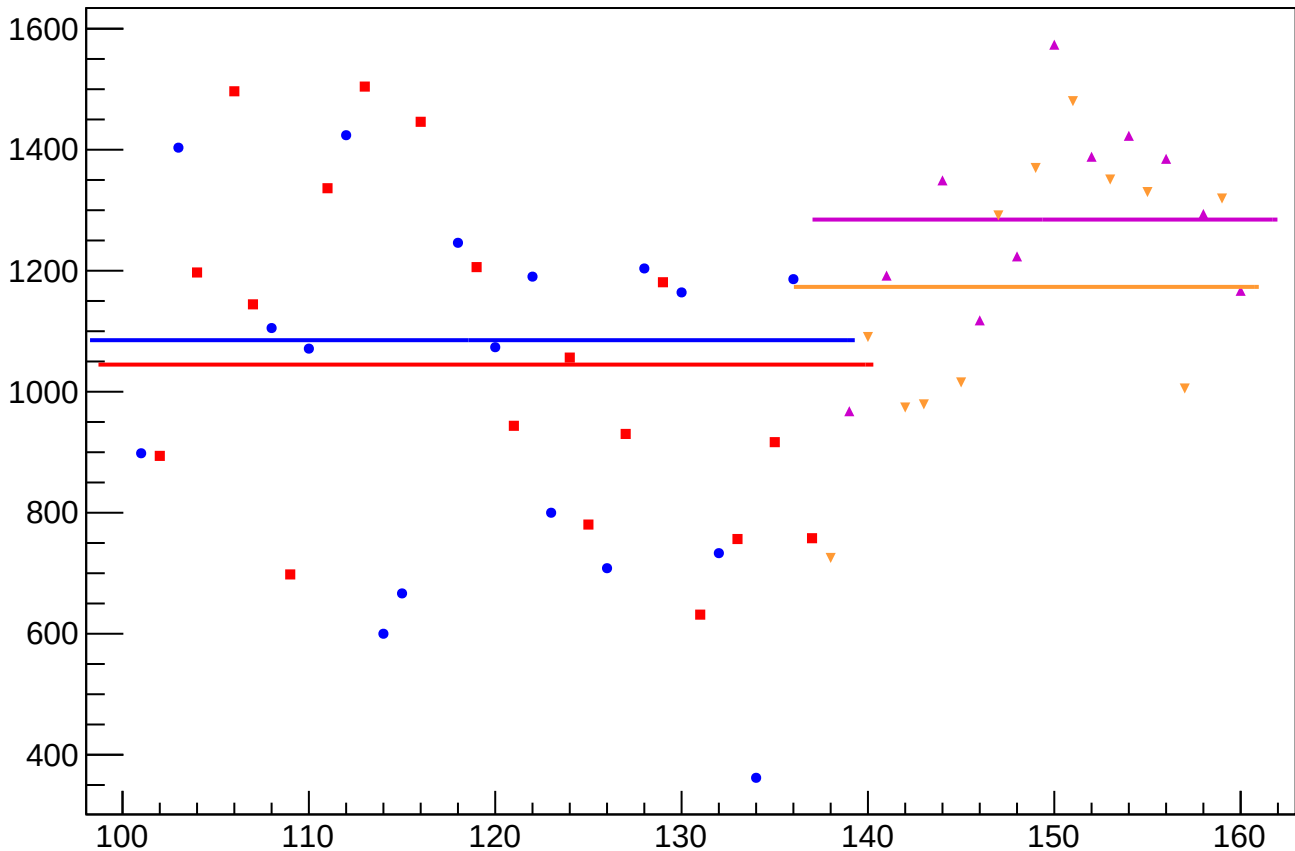
Right In: 539.553+/-0.000 χ^2/NDF : 54885482787684067638945528690813960192.0/16

Left Out: 527.872+/-0.000 χ^2/NDF : 48750144611720202302366636740746149888.0/11

Right Out: 512.868+/-0.000 χ^2/NDF : 36013592539821220444279901122721742848.0/17

Left In: 470.909+/-0.000 χ^2/NDF : 25659671763739065949342929962819125248.0/10

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

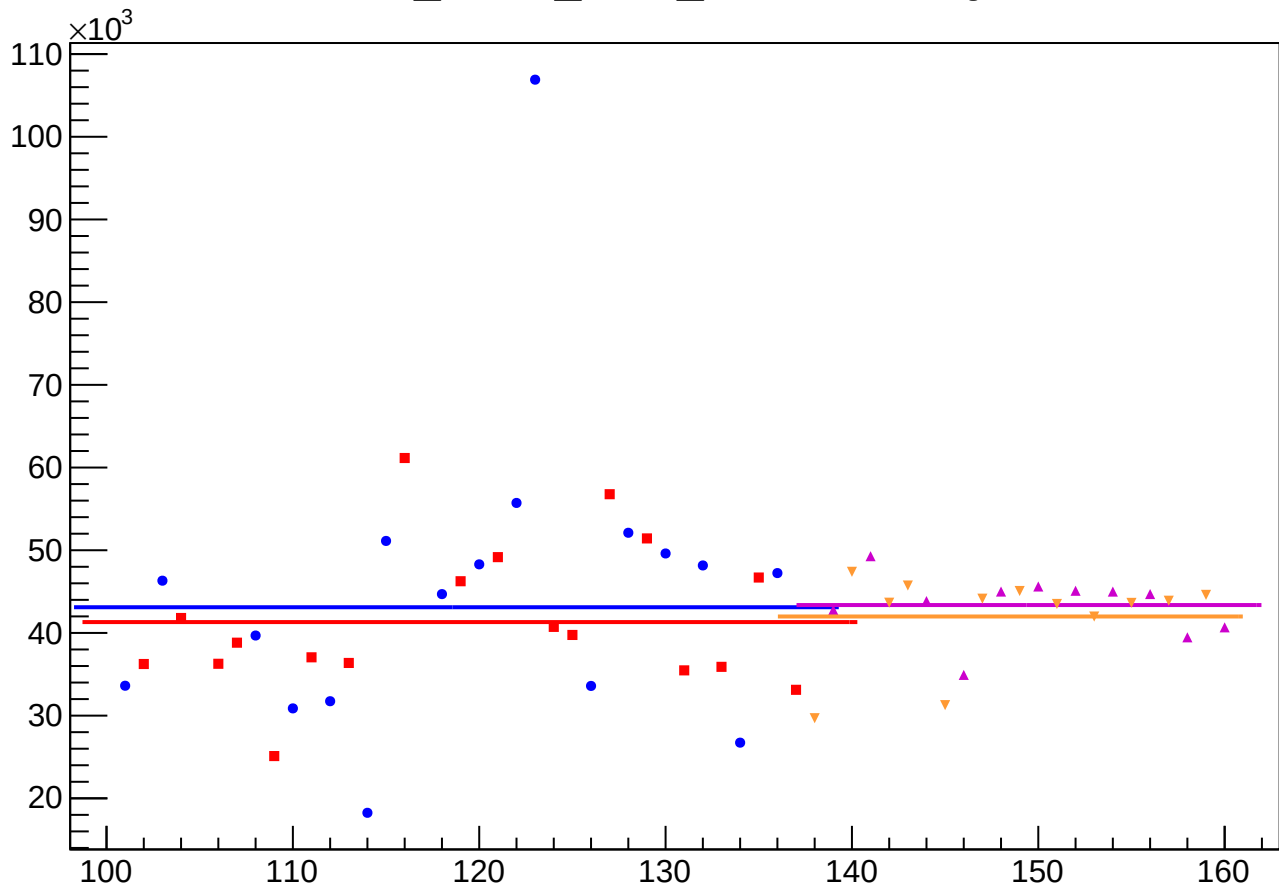
Left Out: 1173.287 $\pm$ 0.000 χ^2 /NDF: 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

Left In: 1284.540 $\pm$ 0.000 χ^2 /NDF: 24056417049221053484728394918859374592.0/10

All: 1158.161 $\pm$ 0.000 χ^2 /NDF: 19003097965

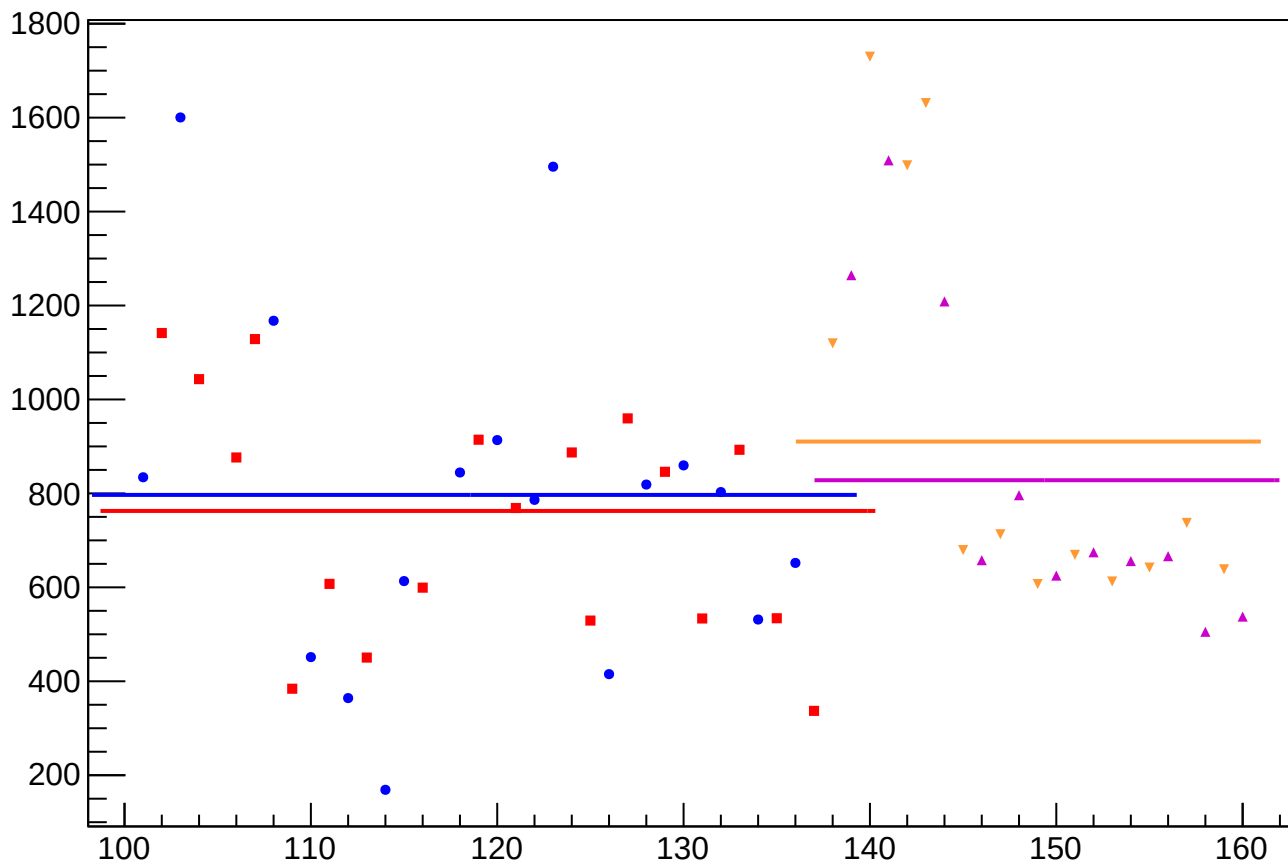
dit_sam4_coil4_mean vs Slug



Right In: 43108.031+/-0.000	χ^2/NDF : 68611682581967867390827070514847106990080.0/16
Left Out: 41988.937+/-0.000	χ^2/NDF : 26595625315184876661727332300070884212736.0/11
Right Out: 41313.091+/-0.000	χ^2/NDF : 51625009130500845485657820618169448923136.0/17
Left In: 43372.857+/-0.000	χ^2/NDF : 12091187656502960448848492579917477707776.0/10

+ sign 42473.436+/-0.000 χ^2/NDF : 9570016655114
 All: 42476.362+/-0.000 χ^2/NDF : 161133769
 - sign 42479.209+/-0.000 χ^2/NDF : 6543357577807

dit_sam4_coil4_err_mean vs Slug



Right In: 796.788 $\pm$ 0.000 χ^2 /NDF: 74155375401966789010322999397605965824.0/16

Left Out: 910.363 $\pm$ 0.000 χ^2 /NDF: 150023970715127091011215524166165856256.0/11

Right Out: 762.642 $\pm$ 0.000 χ^2 /NDF: 44999366783777016136570300173215858688.0/17

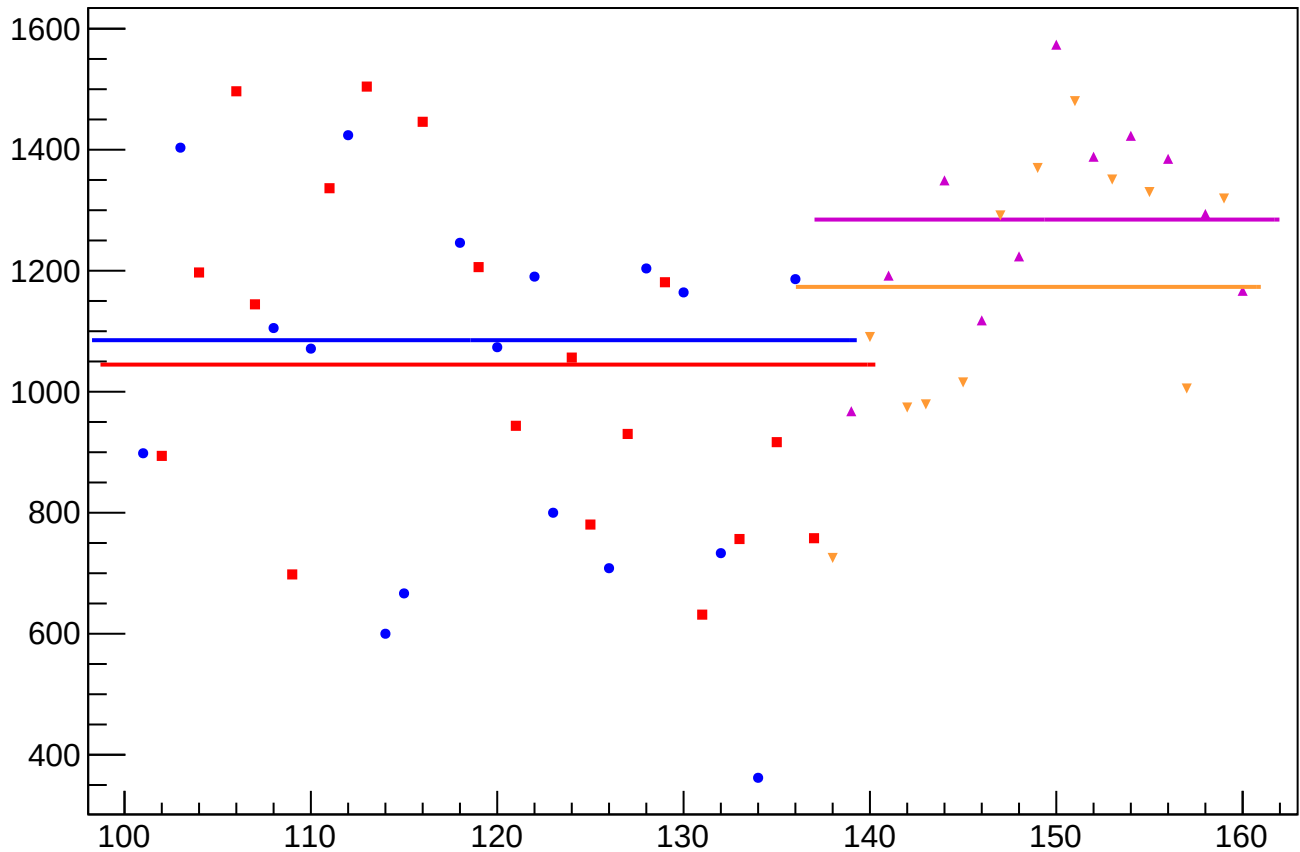
Left In: 828.047 $\pm$ 0.000 χ^2 /NDF: 96201297506087070099989263222619242496.0/10

+ sign 861.192 $\pm$ 0.000 χ^2 /NDF: 229255785162804

All: 830.005 $\pm$ 0.000 χ^2 /NDF: 375263680723

- sign 799.670 $\pm$ 0.000 χ^2 /NDF: 142932321770367

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

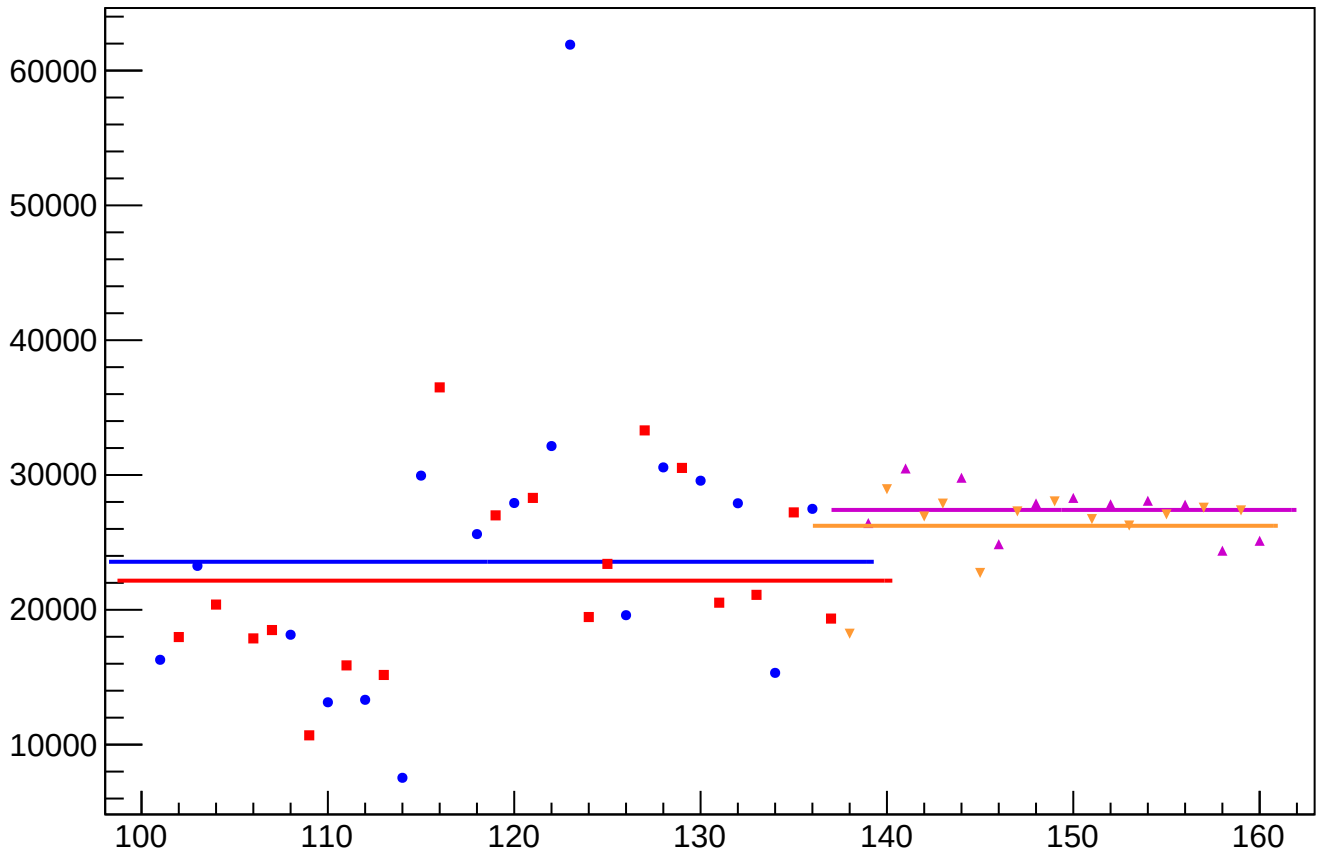
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

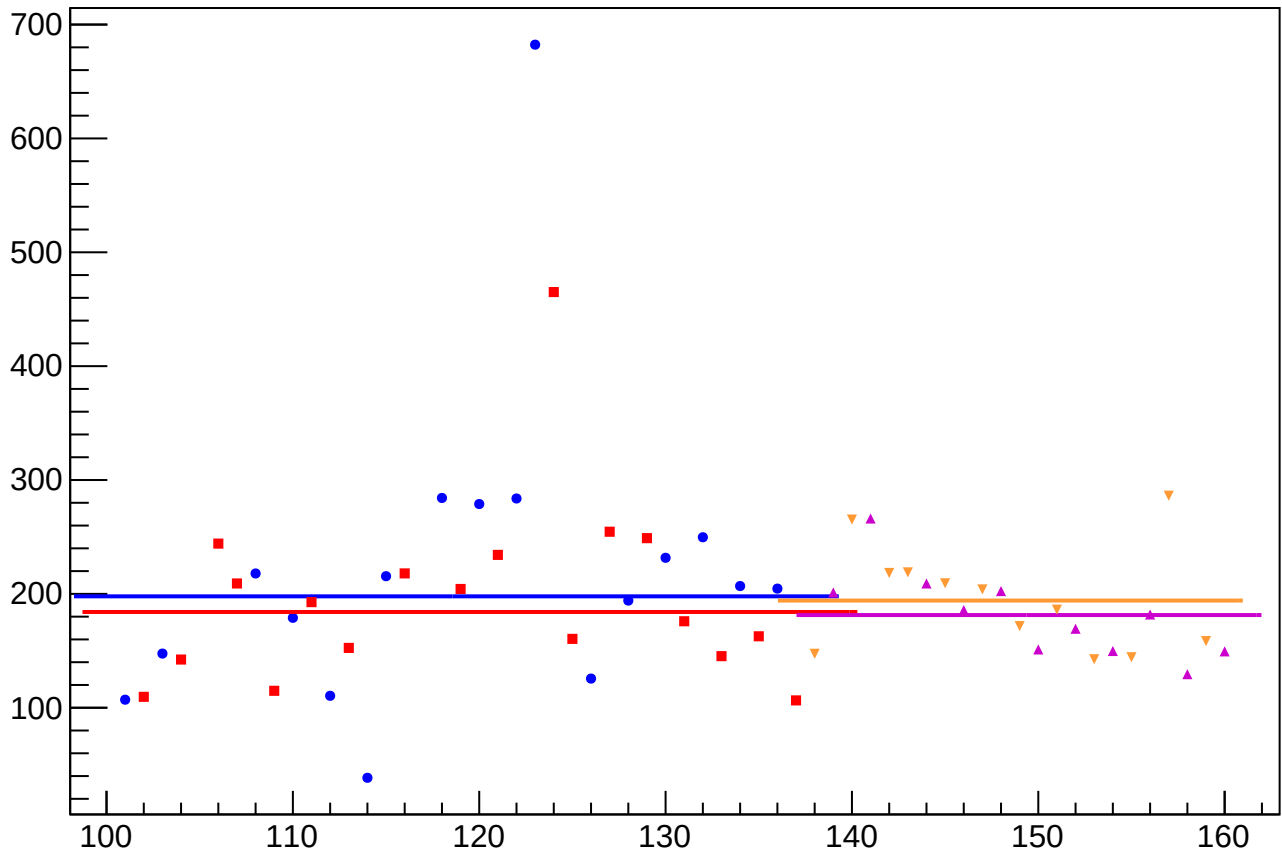
dit_sam5_coil4_mean vs Slug



Right In: 23563.217+/-0.000	χ^2/NDF : 35385807137271018817625418232540839280640.0/16
Left Out: 26232.941+/-0.000	χ^2/NDF : 7436306383754098156934386282018195374080.0/11
Right Out: 22162.506+/-0.000	χ^2/NDF : 30926817479017578857864317291139006726144.0/17
Left In: 27409.308+/-0.000	χ^2/NDF : 3260068033865796960082272162296933384192.0/10

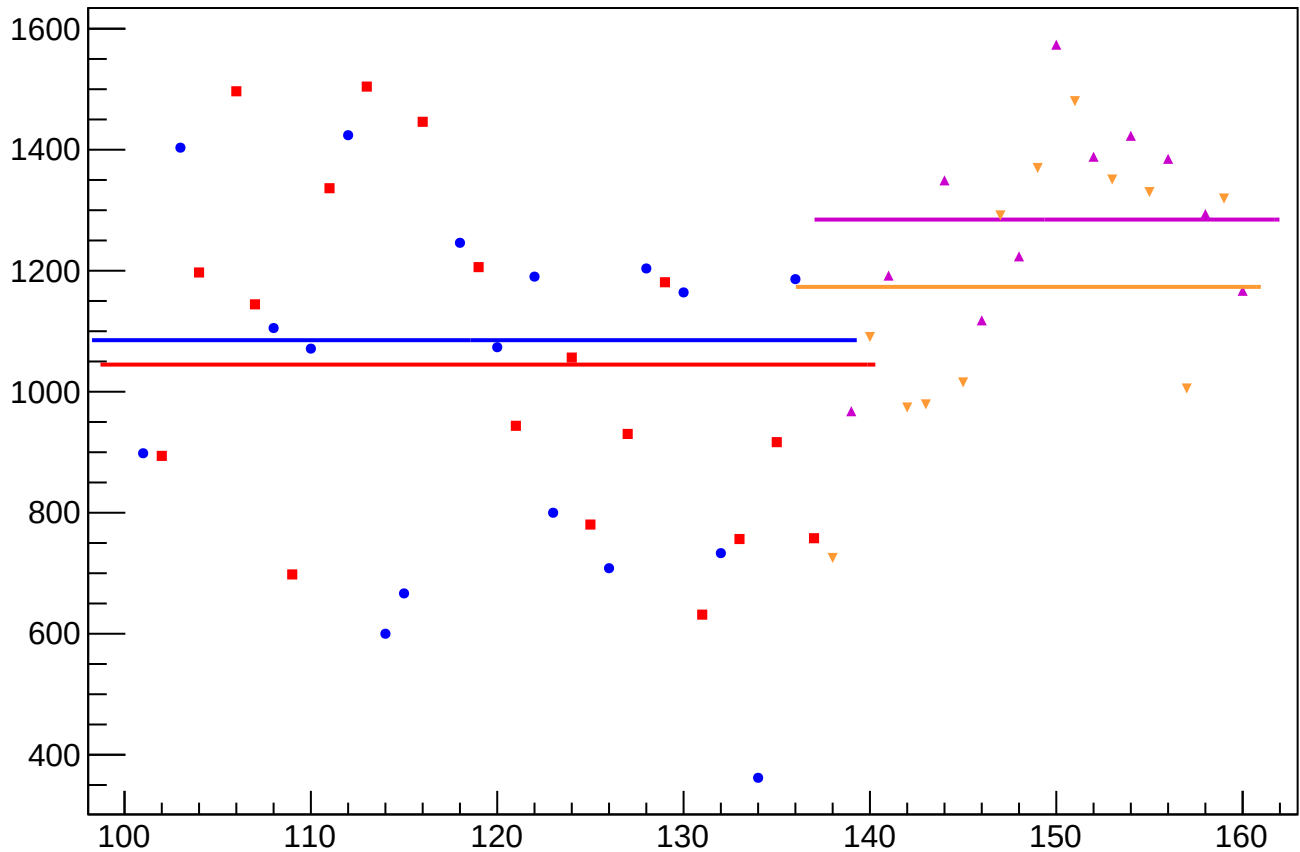
+ sign 25077.115+/-0.000 χ^2/NDF : 4562704807427
 All: 25105.411+/-0.000 χ^2/NDF : 9095992036
 - sign 25132.934+/-0.000 χ^2/NDF : 4533034042690

dit_sam5_coil4_err_mean vs Slug



Right In: 197.841+/-0.000	χ^2/NDF : 3601849103427594359827693165900464128.0/16	+ sign 195.746+/-0.000	χ^2/NDF : 548624027789253
Left Out: 194.146+/-0.000	χ^2/NDF : 1879017279218446114091371157486829568.0/11	All: 189.072+/-0.000	χ^2/NDF : 95735353015
Right Out: 184.108+/-0.000	χ^2/NDF : 2706165724913072523706132651898306560.0/17	- sign 182.580+/-0.000	χ^2/NDF : 394644182603320
Left In: 181.409+/-0.000	χ^2/NDF : 1237326176797583481368716307739967488.0/10		

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

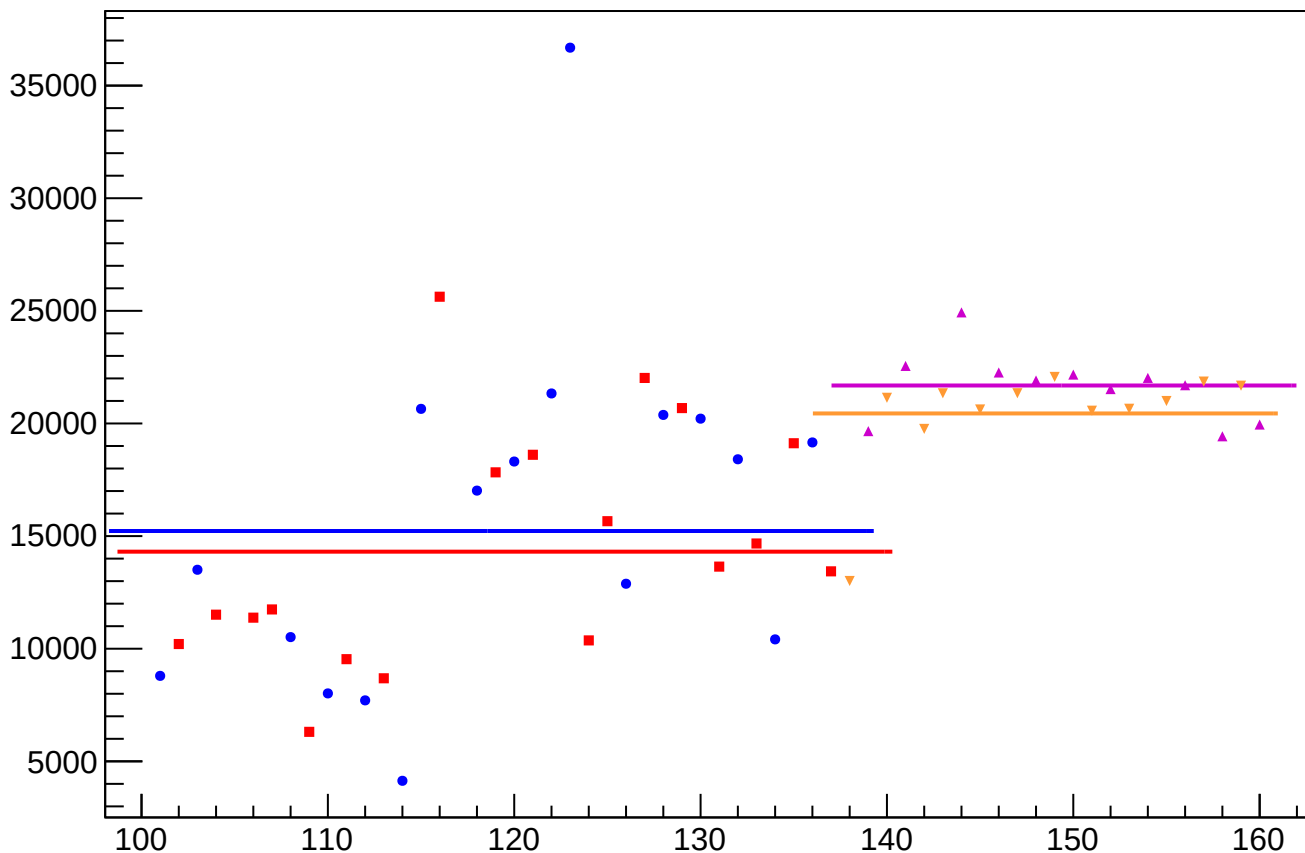
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

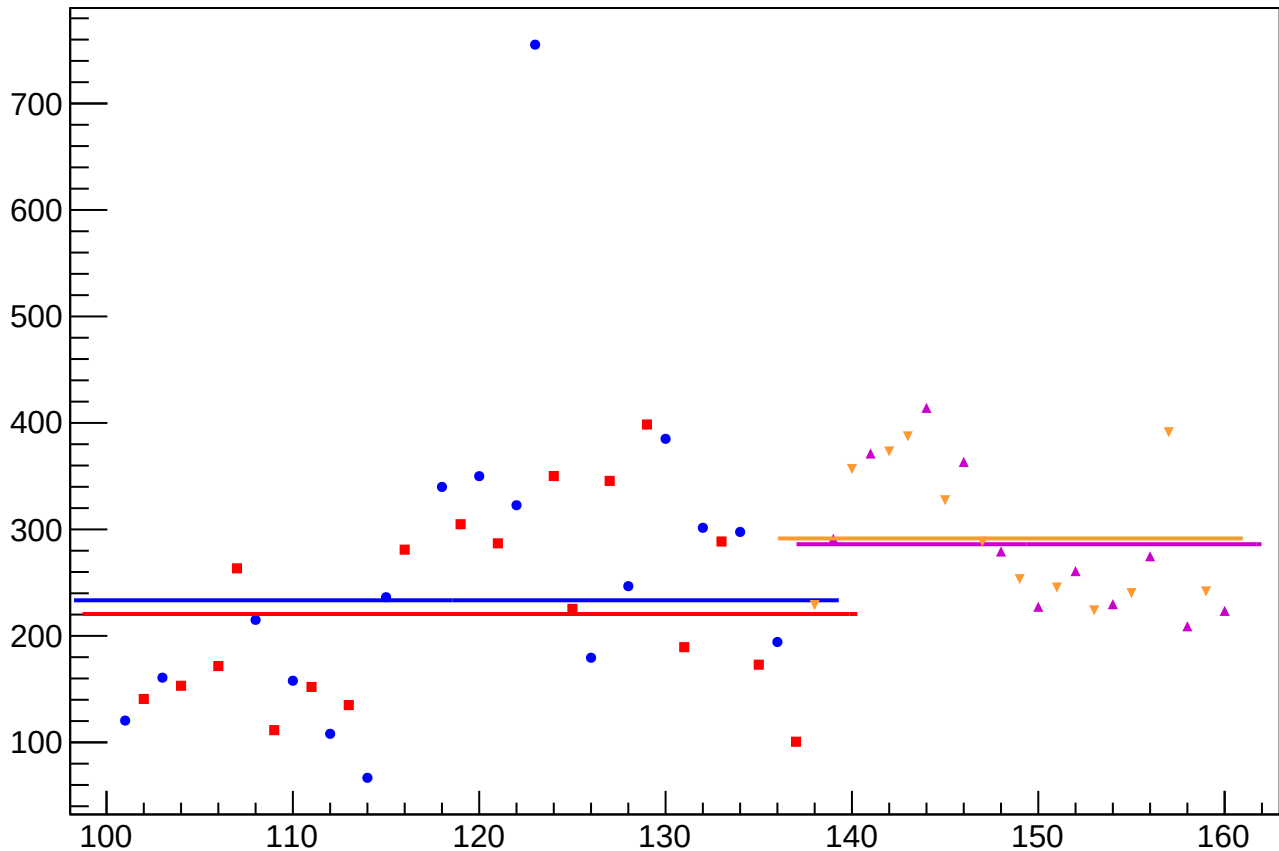
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam6_coil4_mean vs Slug



Right In: 15226.152+/-0.000 χ^2/NDF : 19033981883616318675707973818231845552128.0/16
 Left Out: 20444.904+/-0.000 χ^2/NDF : 5015541788113107499549833018825777348608.0/11
 Right Out: 14308.618+/-0.000 χ^2/NDF : 17986620092143727991108175714996656799744.0/17
 Left In: 21685.940+/-0.000 χ^2/NDF : 2061414370106068569162415723838611390464.0/10

dit_sam6_coil4_err_mean vs Slug



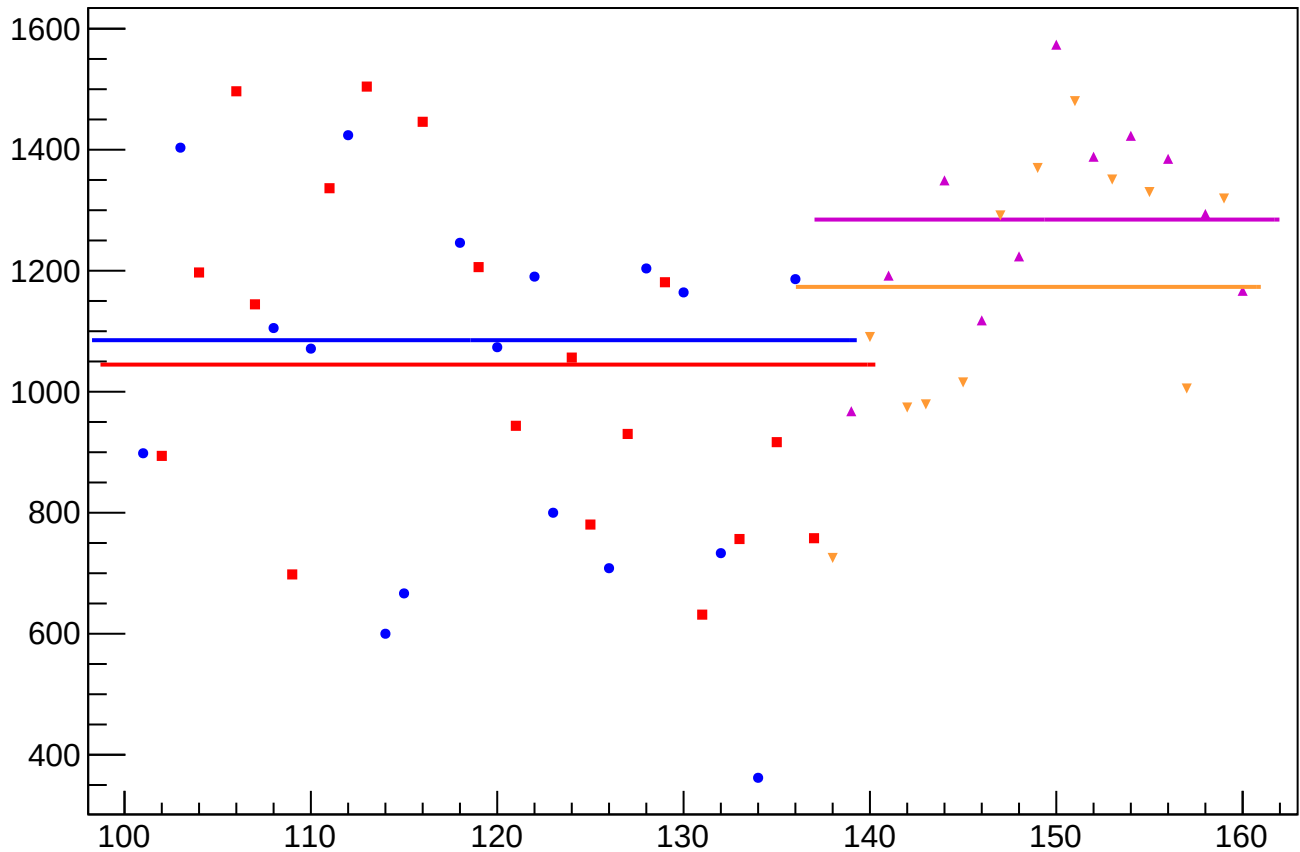
Right In: 233.427+/-0.000	χ^2/NDF : 6632421375389201944932770217893822464.0/16
Left Out: 291.492+/-0.000	χ^2/NDF : 3496936665449814929425245861490720768.0/11
Right Out: 220.559+/-0.000	χ^2/NDF : 5383695019108554854360648047063465984.0/17
Left In: 286.089+/-0.000	χ^2/NDF : 4047639086763227768293546604548325376.0/10

+ sign 266.353+/-0.000 χ^2/NDF : 114561808141761

All: 261.946+/-0.000 χ^2/NDF : 22687247885

- sign 257.658+/-0.000 χ^2/NDF : 111696299159964

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

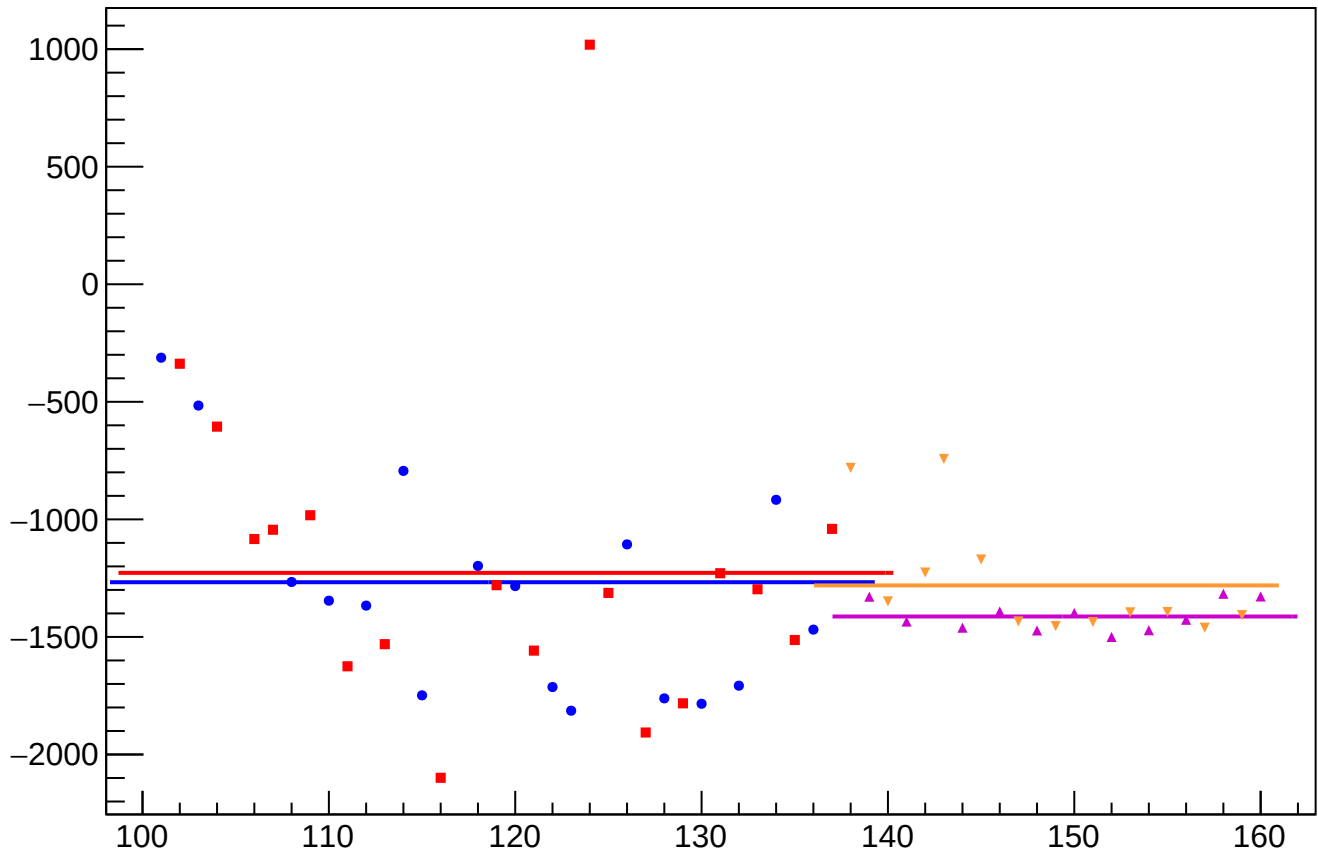
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

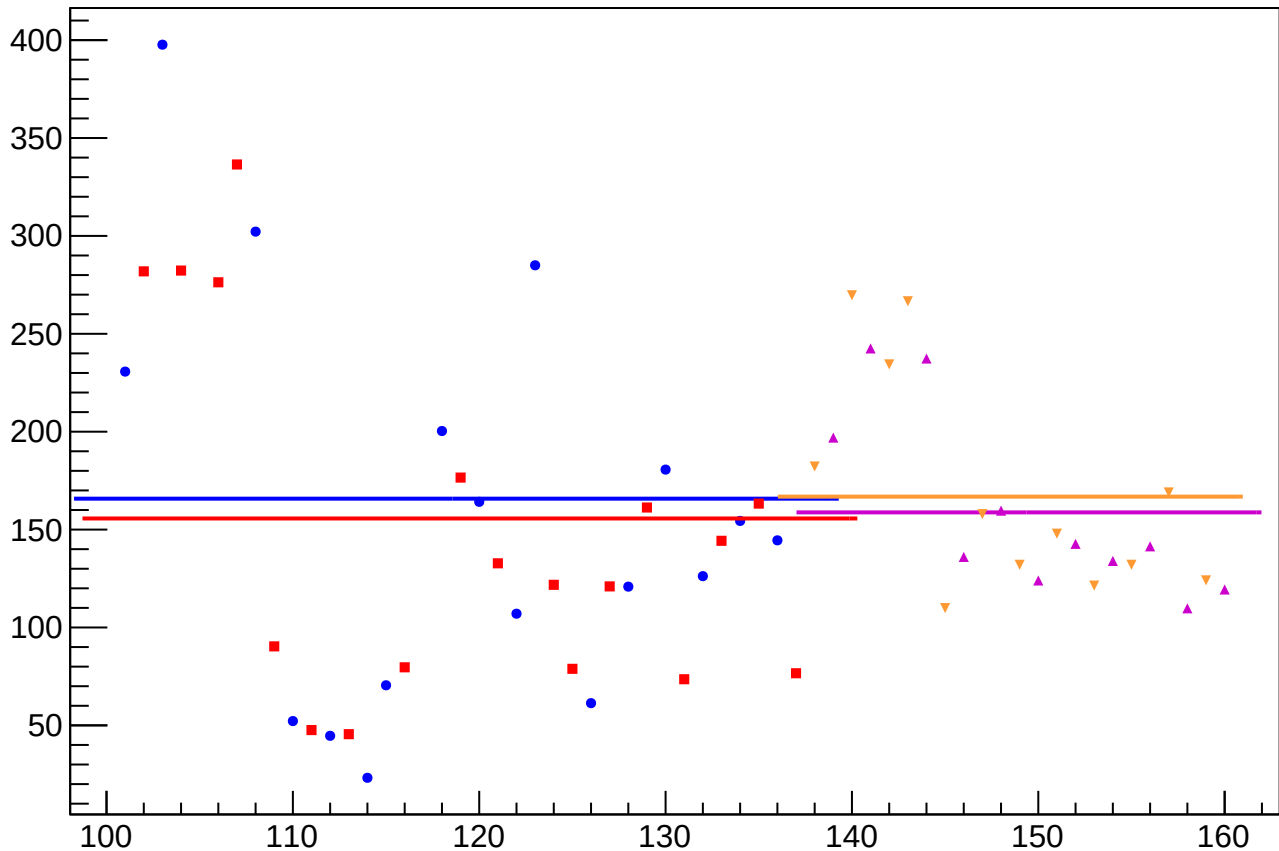
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam7_coil4_mean vs Slug



Right In: -1267.268 ± 0.000 $\chi^2/\text{NDF}: 145198686124385842675248081831068696576.0/16$
 Left Out: -1280.919 ± 0.000 $\chi^2/\text{NDF}: 52350467274887830805489203247275048960.0/11$
 Right Out: -1227.490 ± 0.000 $\chi^2/\text{NDF}: 214319050187910672698323609340044378112.0/17$
 Left In: -1413.098 ± 0.000 $\chi^2/\text{NDF}: 3510654626311902880652773562800668672.0/10$
 All: -1304.188 ± 0.000 $\chi^2/\text{NDF}: 4320897912$
 + sign: -1275.009 ± 0.000 $\chi^2/\text{NDF}: 1976224825891$
 - sign: -1332.570 ± 0.000 $\chi^2/\text{NDF}: 23177495682648$

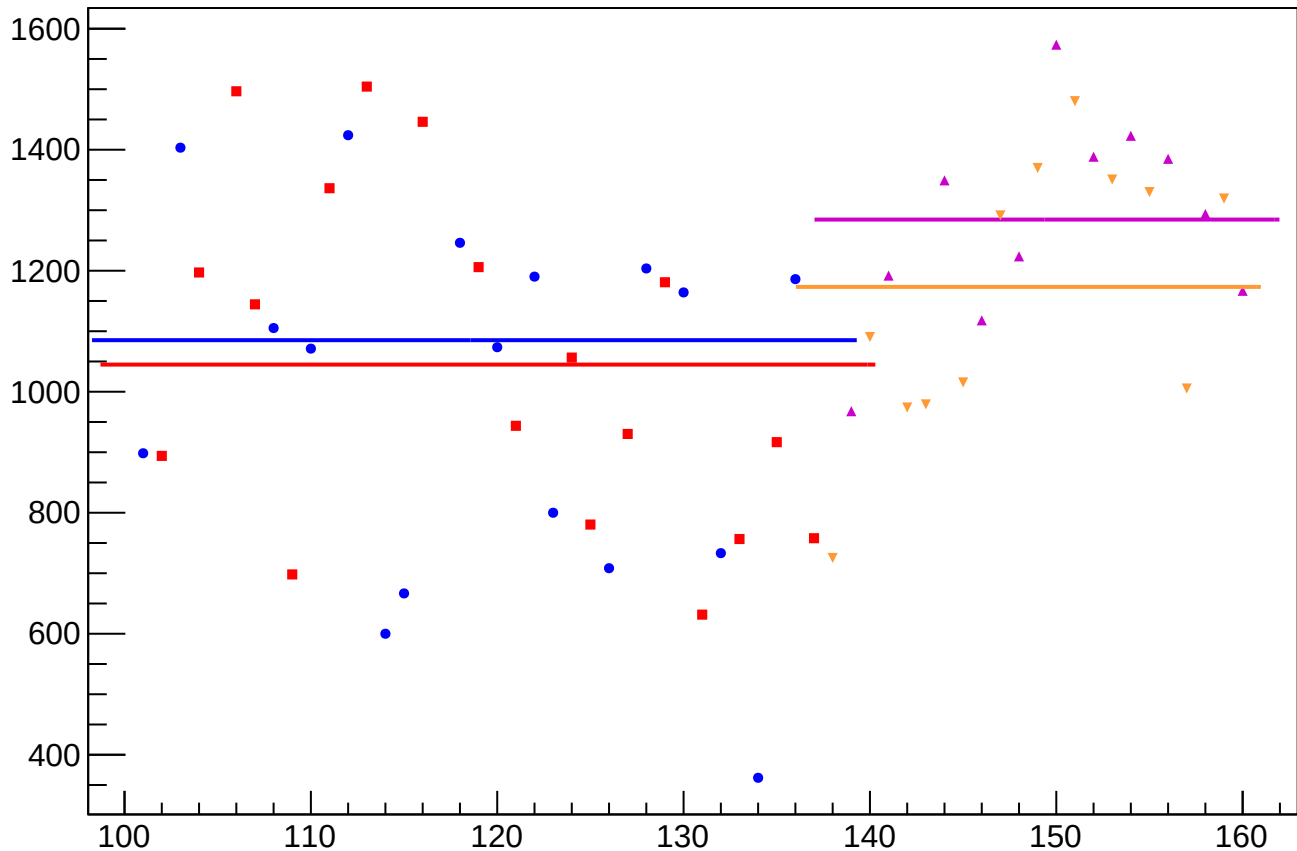
dit_sam7_coil4_err_mean vs Slug



Right In: 165.791+/-0.000	χ^2/NDF : 6599926309722586861325010177468923904.0/16
Left Out: 166.830+/-0.000	χ^2/NDF : 2570249887219169860921416363043454976.0/11
Right Out: 155.674+/-0.000	χ^2/NDF : 5506170000172026486696305926028132352.0/17
Left In: 158.786+/-0.000	χ^2/NDF : 1841518274242064728634139939665084416.0/10

+ sign 166.380+/-0.000 χ^2/NDF : 917060071056293
 All: 161.846+/-0.000 χ^2/NDF : 16587221574
 - sign 157.436+/-0.000 χ^2/NDF : 735160811086087

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

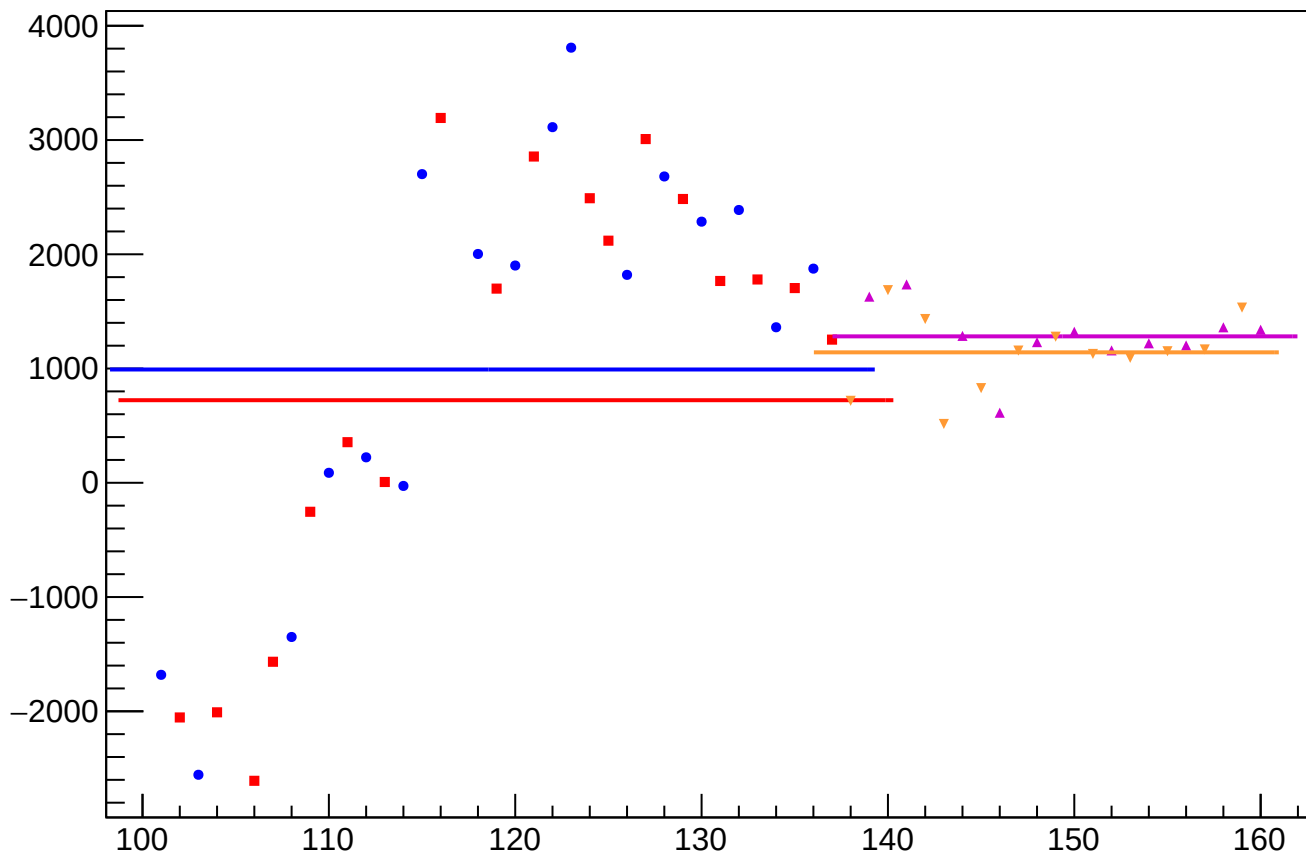
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam8_coil4_mean vs Slug



Right In: 991.656+/-0.000 χ^2/NDF : 2196543485135713219136059560633443549184.0/16

+ sign 1076.771+/-0.000 χ^2/NDF : 22957638189544

Left Out: 1141.755+/-0.000 χ^2/NDF : 90353942436830856594949216052979957760.0/11

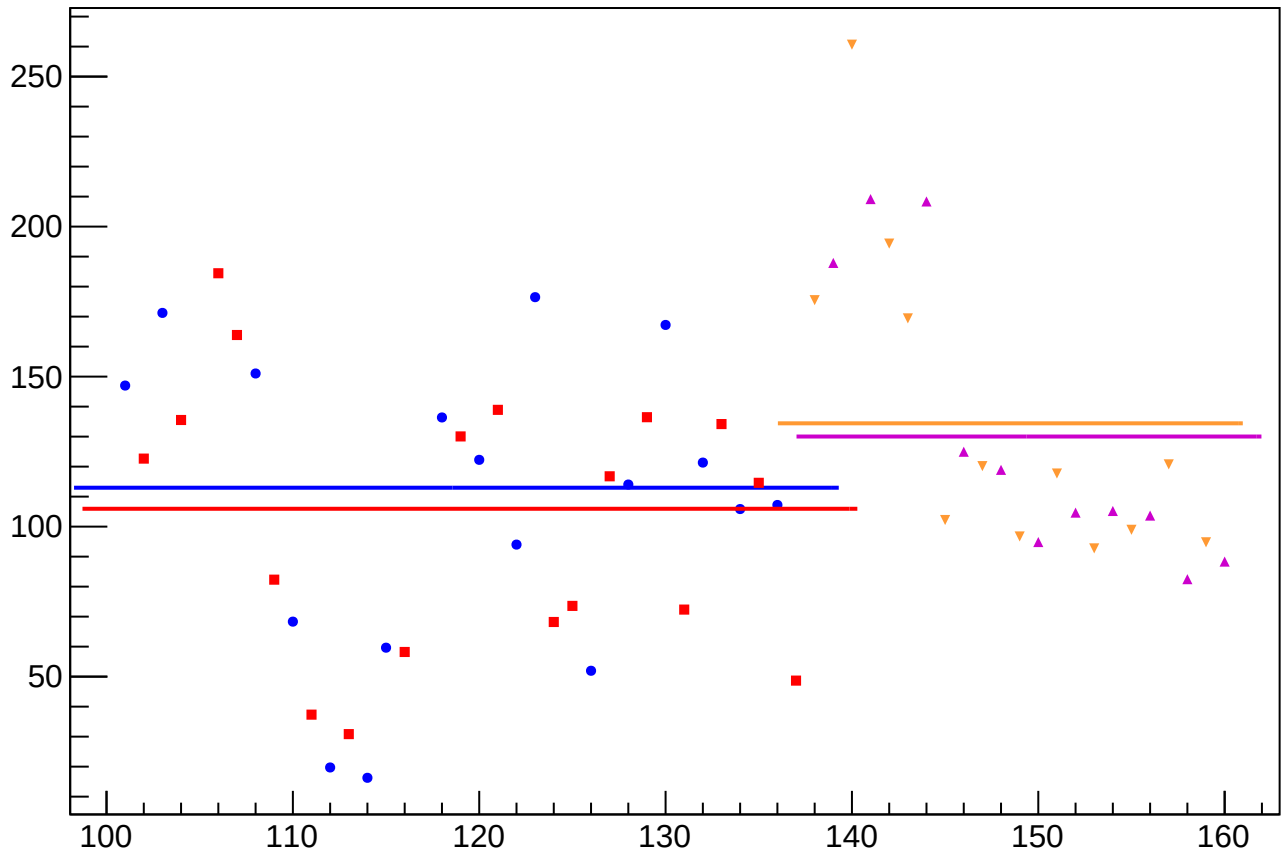
All: 1057.729+/-0.000 χ^2/NDF : 49212801436

Right Out: 722.834+/-0.000 χ^2/NDF : 2430230107927732709008698791969328988160.0/17

- sign 1039.207+/-0.000 χ^2/NDF : 26243697122879

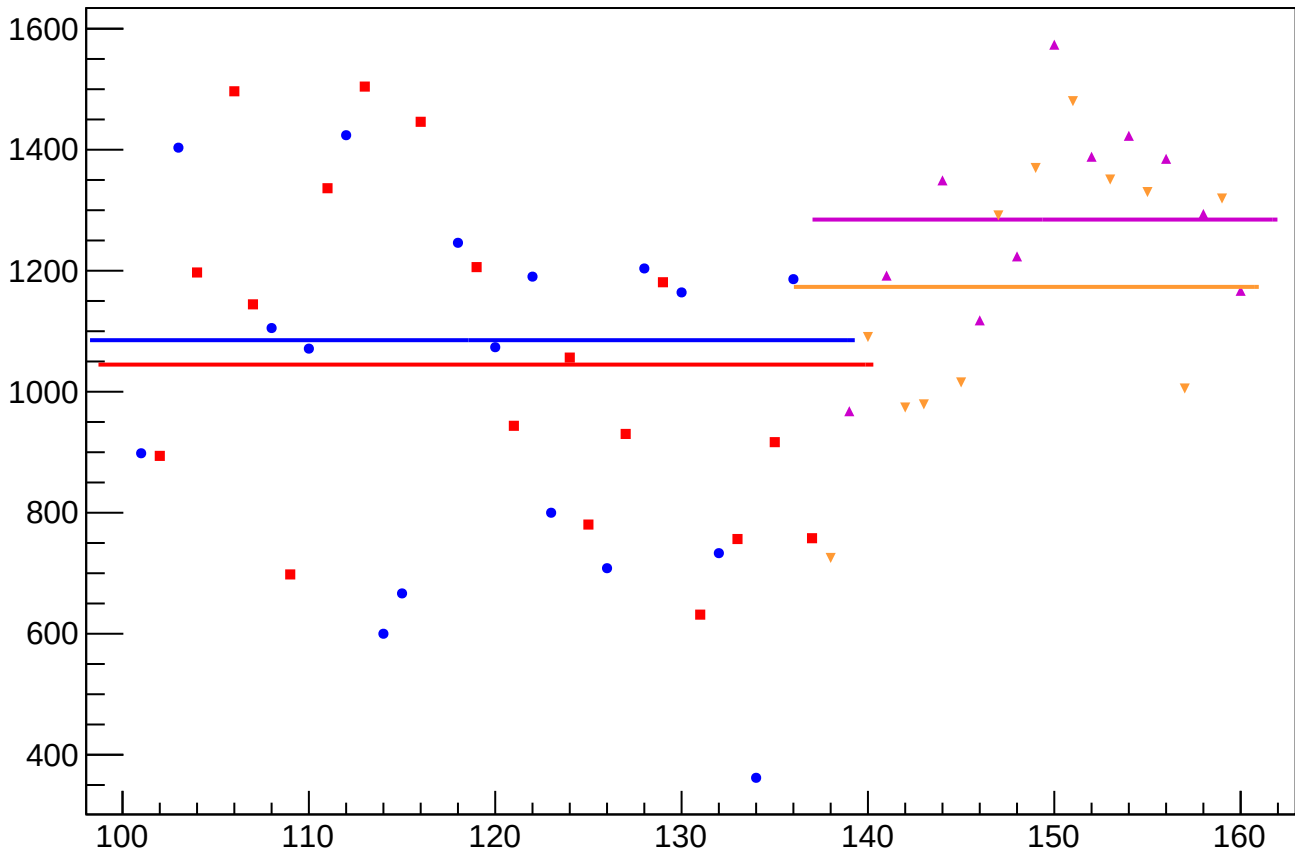
Left In: 1281.659+/-0.000 χ^2/NDF : 67729567822989794442627212039346454528.0/10

dit_sam8_coil4_err_mean vs Slug



Right In: 112.967 $\pm$ 0.000 χ^2 /NDF: 1352482381635393188272506664826961920.0/16
 Left Out: 134.431 $\pm$ 0.000 χ^2 /NDF: 2310662516274369890170239716283121664.0/11
 Right Out: 105.949 $\pm$ 0.000 χ^2 /NDF: 1242528444706792757388488213889286144.0/17
 Left In: 130.030 $\pm$ 0.000 χ^2 /NDF: 1968681434700847172167982931920289792.0/10
 All: 122.322 $\pm$ 0.000 χ^2 /NDF: 731548067843
 + sign 125.138 $\pm$ 0.000 χ^2 /NDF: 384444618393612
 - sign 119.582 $\pm$ 0.000 χ^2 /NDF: 344594774773505

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

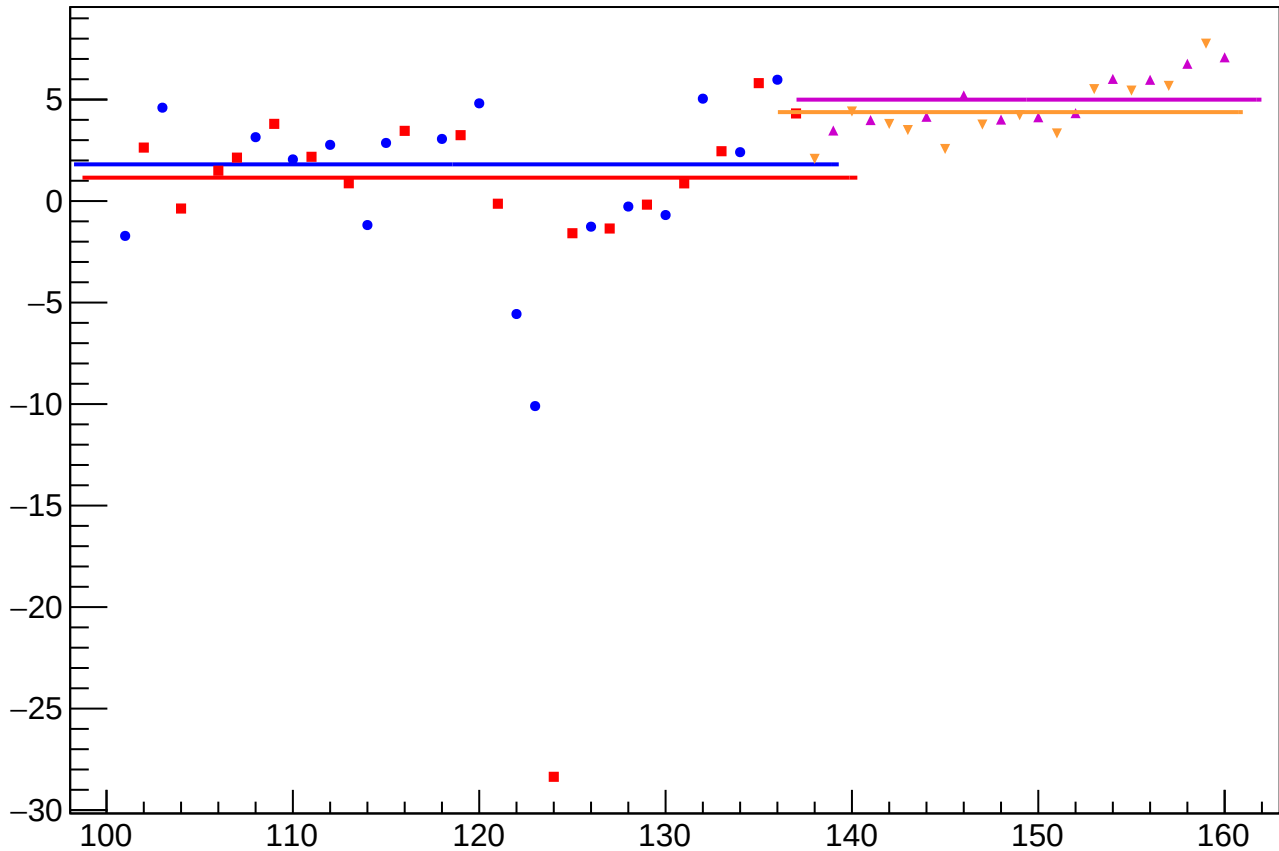
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

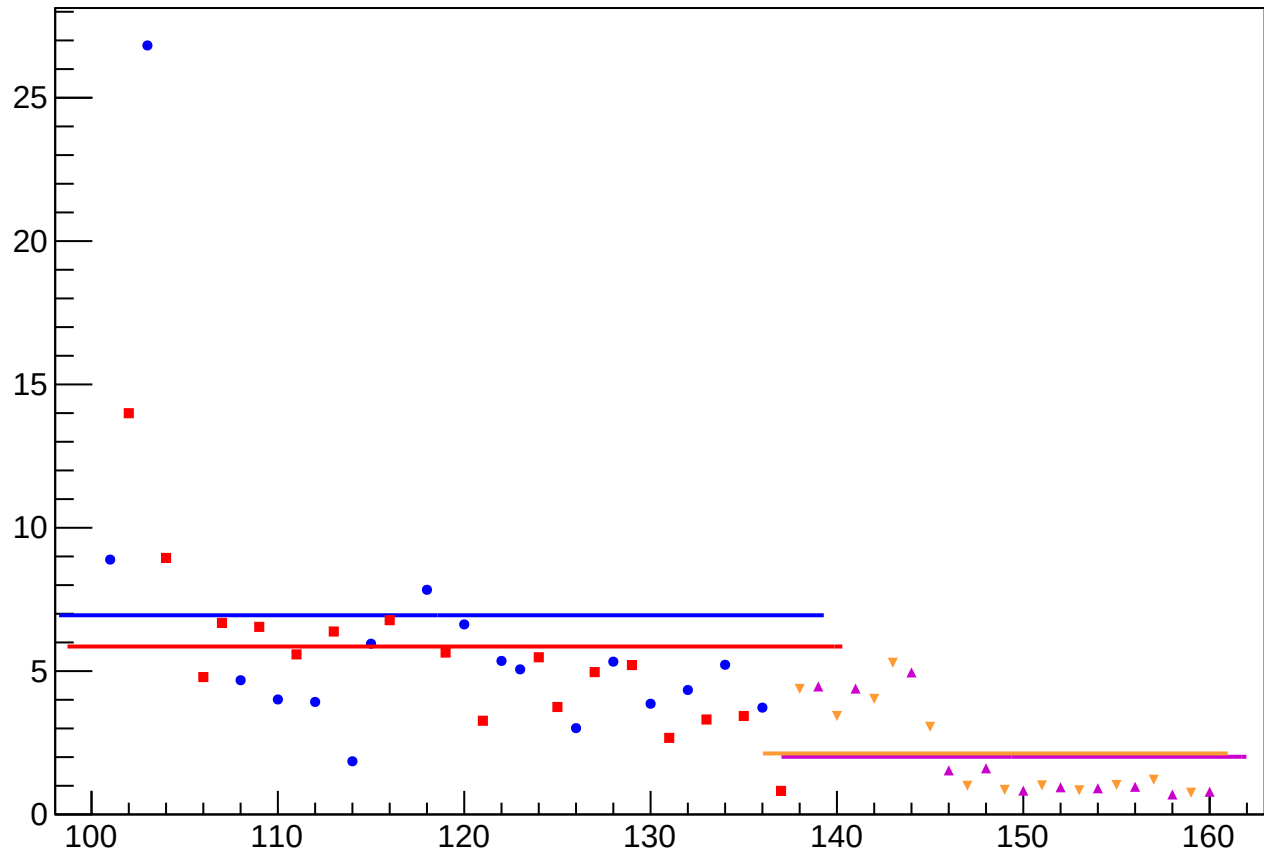
dit_4aX_coil6_mean vs Slug



Right In: 1.808+/-0.000	χ^2/NDF : 7527409924358699638476786257362944.0/16
Left Out: 4.381+/-0.000	χ^2/NDF : 20864436713115253252222433361920.0/11
Right Out: 1.152+/-0.000	χ^2/NDF : 15220659080427743810069153064157184.0/17
Left In: 4.995+/-0.000	χ^2/NDF : 1311384685098121552827321556140032.0/10

+ sign 3.267+/-0.000 χ^2/NDF : 12219213675527830
 All: 3.298+/-0.000 χ^2/NDF : 3473162635414
 - sign 3.328+/-0.000 χ^2/NDF : 22509376650235287

dit_4aX_coil6_err_mean vs Slug



Right In: 6.948 ± 0.000 χ^2/NDF : 27500472377838631302114625925939200.0/16

Left Out: 2.128 ± 0.000 χ^2/NDF : 2219193645273984606349154335064064.0/11

Right Out: 5.858 ± 0.000 χ^2/NDF : 6347530911749266996807271930920960.0/17

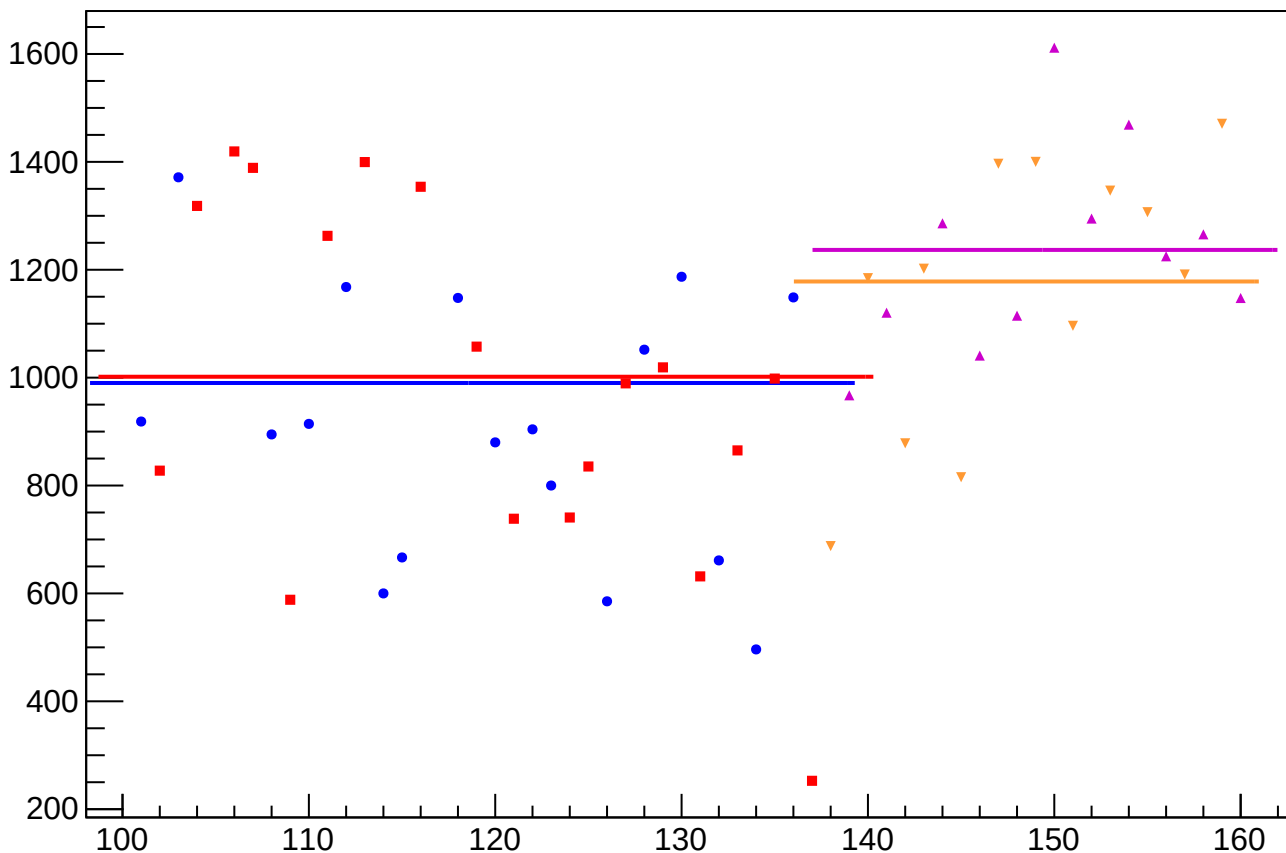
Left In: 2.012 ± 0.000 χ^2/NDF : 2455587486650389464574895818014720.0/10

+ sign 4.215 ± 0.000 χ^2/NDF : 38864332153290414

All: 3.944 ± 0.000 χ^2/NDF : 53886447935405

- sign 3.681 ± 0.000 χ^2/NDF : 14790472996884092

dit_4aX_coil6_Ndata_mean vs Slug



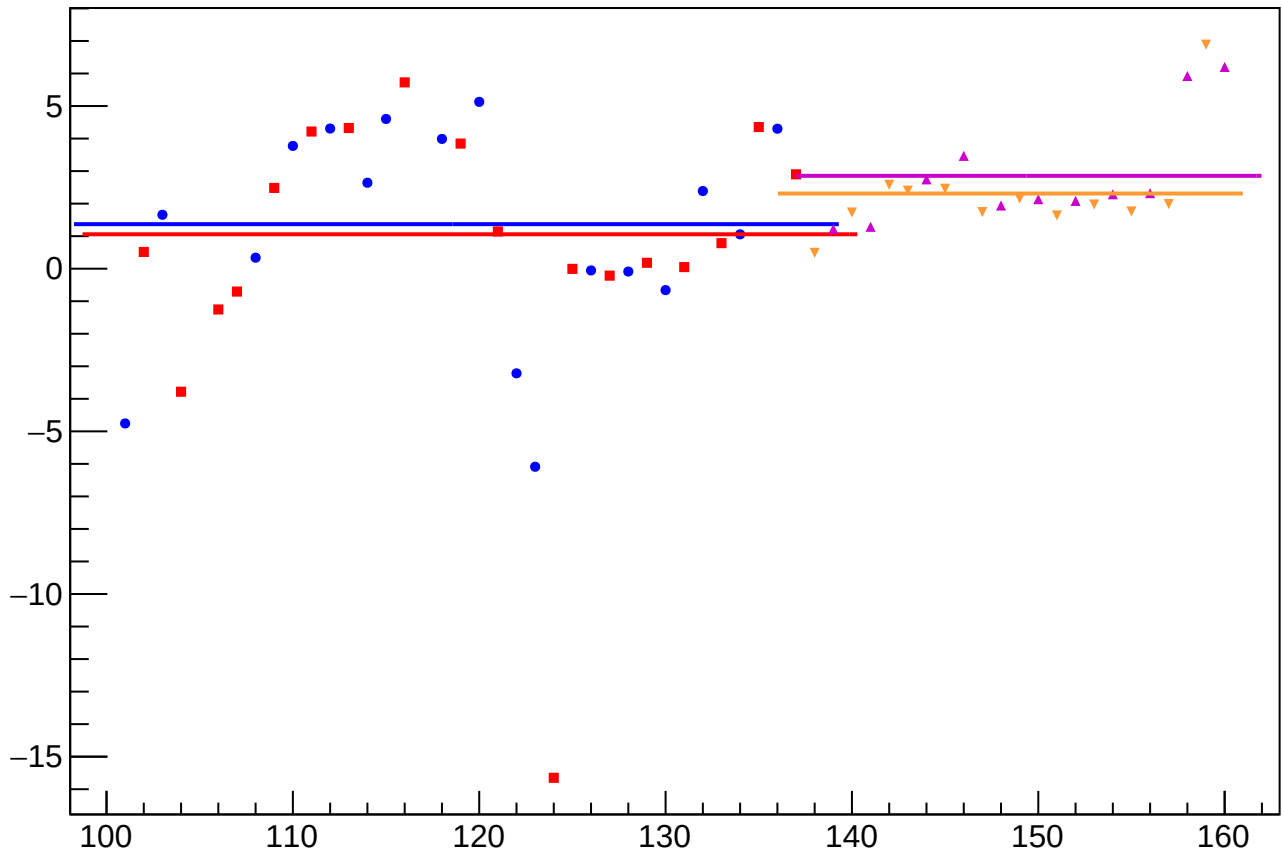
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

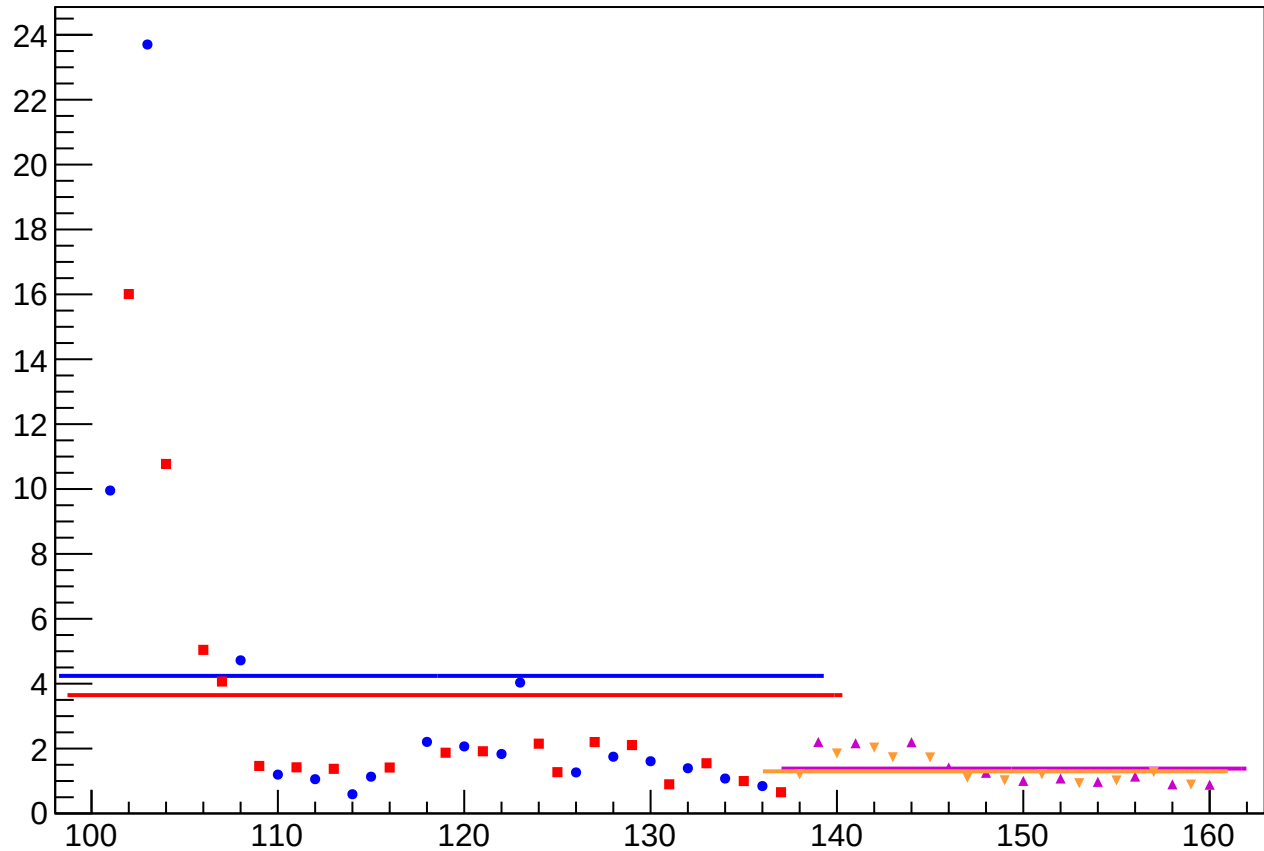
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_4eX_coil6_mean vs Slug



Right In: 1.369+/-0.000 χ^2/NDF : 6191636339009546001582067680280576.0/16
 Left Out: 2.311+/-0.000 χ^2/NDF : 2071801880392961895564472831967232.0/11
 Right Out: 1.058+/-0.000 χ^2/NDF : 8169457084716591134016374239657984.0/17
 Left In: 2.855+/-0.000 χ^2/NDF : 2369235409930855719380632706482176.0/10
 All: 1.990+/-0.000 χ^2/NDF : 20482924206174
 + sign 1.903+/-0.000 χ^2/NDF : 86127083218748771
 - sign 2.075+/-0.000 χ^2/NDF : 11846065115872155

dit_4eX_coil6_err_mean vs Slug



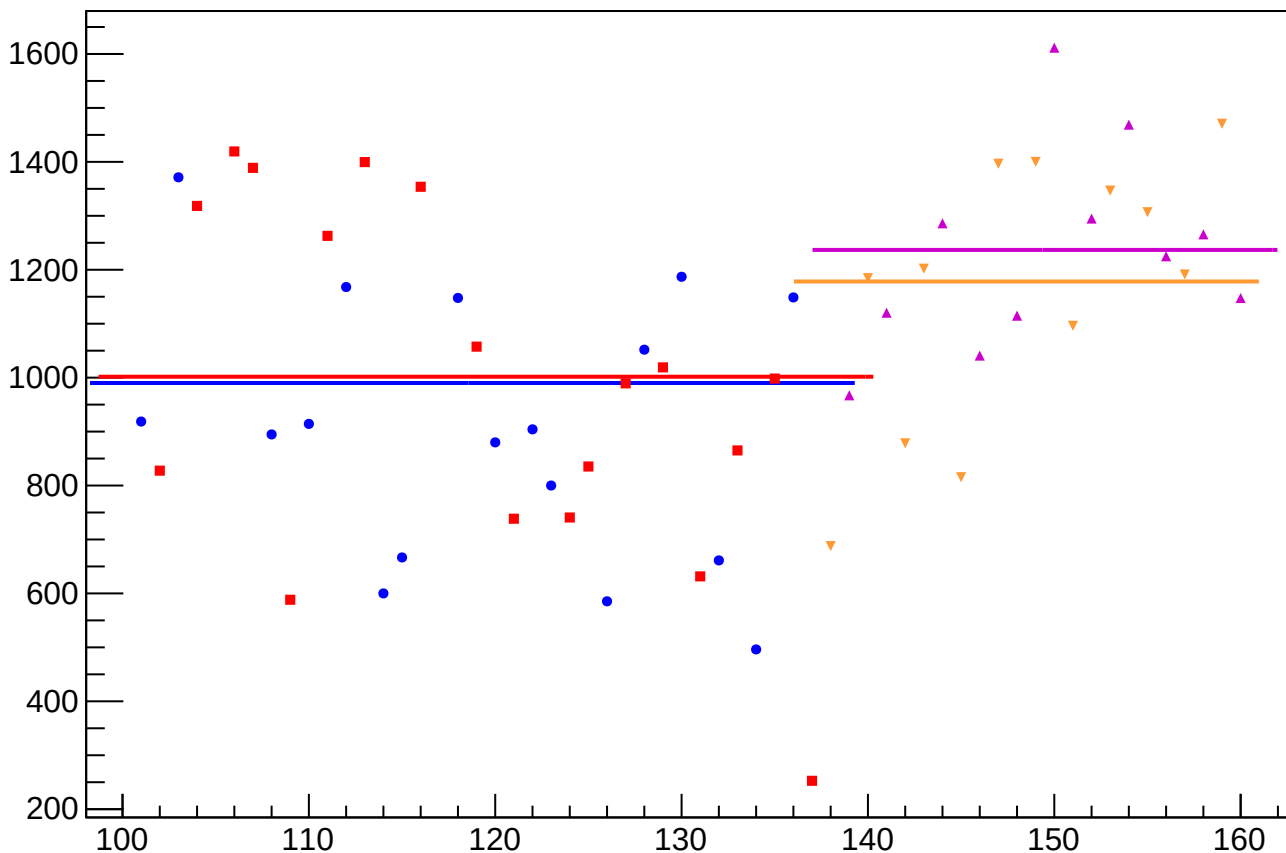
Right In: 4.241 $\pm$ 0.000 χ^2 /NDF: 28619887598660619239245868781535232.0/16

Left Out: 1.298 $\pm$ 0.000 χ^2 /NDF: 118446025514580512304684144263168.0/11

Right Out: 3.647 $\pm$ 0.000 χ^2 /NDF: 14024721044013316870032890924105728.0/17

Left In: 1.383 $\pm$ 0.000 χ^2 /NDF: 247273414234626472508051064619008.0/10

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

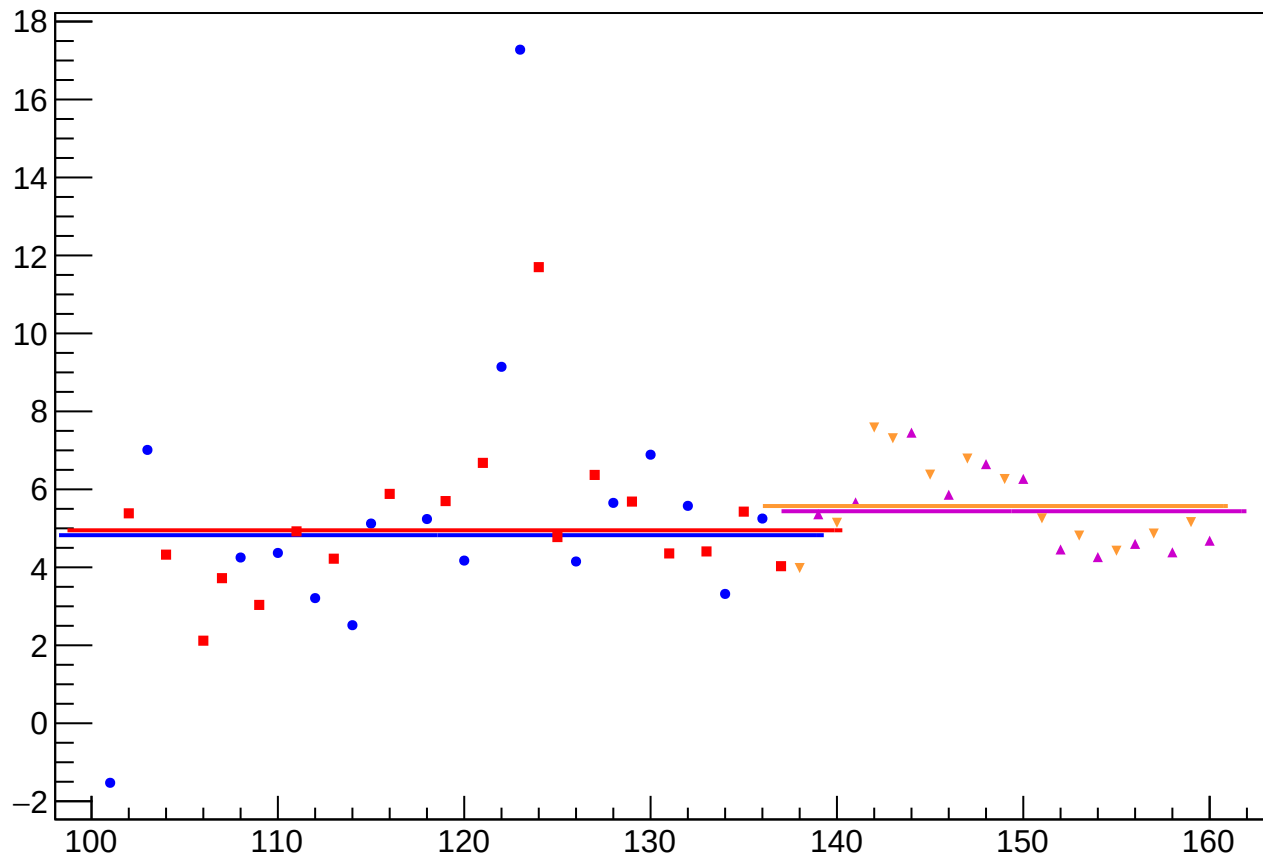
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

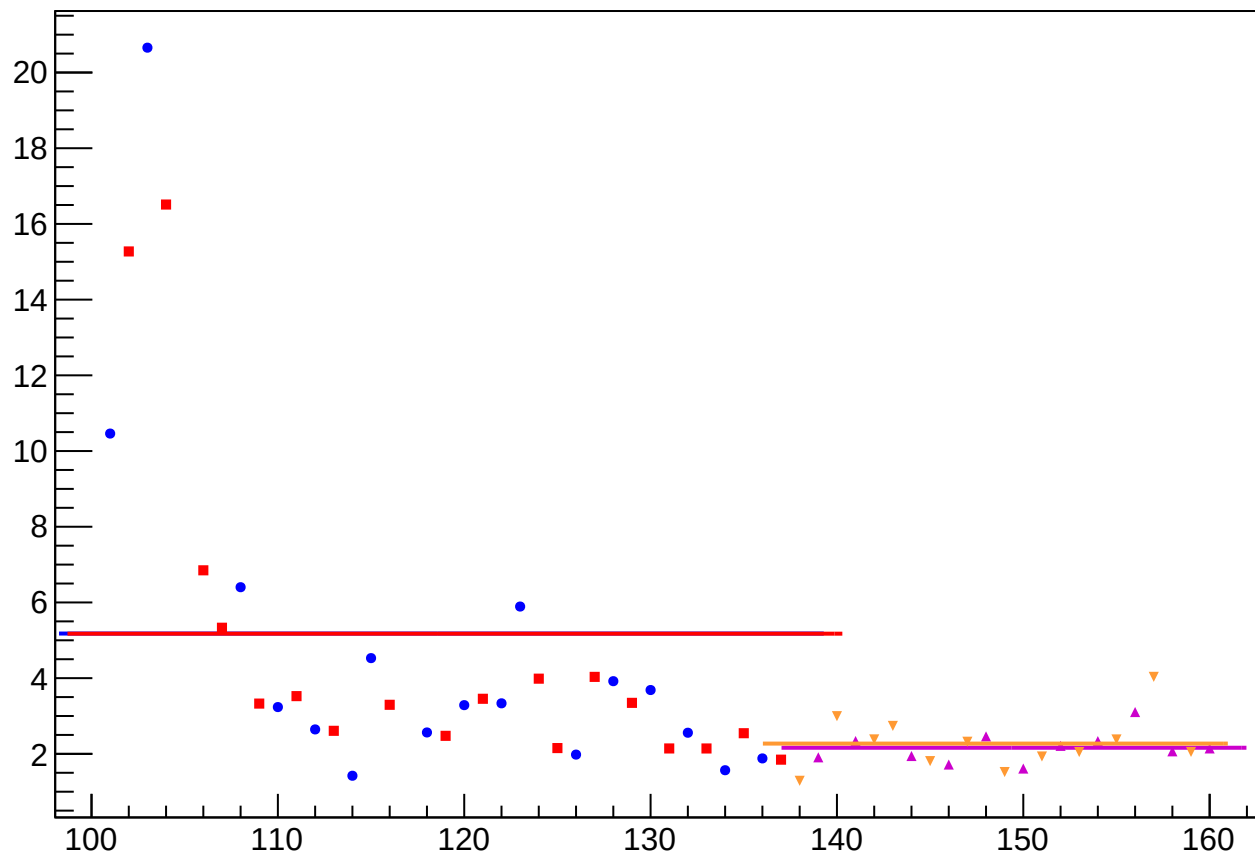
- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

dit_11X12X_coil6_mean vs Slug



Right In: 4.824+/-0.000 χ^2/NDF : 4654072520475619864481183580553216.0/16
 Left Out: 5.572+/-0.000 χ^2/NDF : 1020095199313484832120025296928768.0/11
 Right Out: 4.950+/-0.000 χ^2/NDF : 1515007904318518564448163120283648.0/17
 Left In: 5.439+/-0.000 χ^2/NDF : 966975123743589213264905804709888.0/10

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.179+/-0.000 χ^2/NDF : 19215970923479019199836696755568640.0/16

Left Out: 2.271+/-0.000 χ^2/NDF : 445973362143922999565724801826816.0/11

Right Out: 5.175+/-0.000 χ^2/NDF : 15553868406688086696237036103270400.0/17

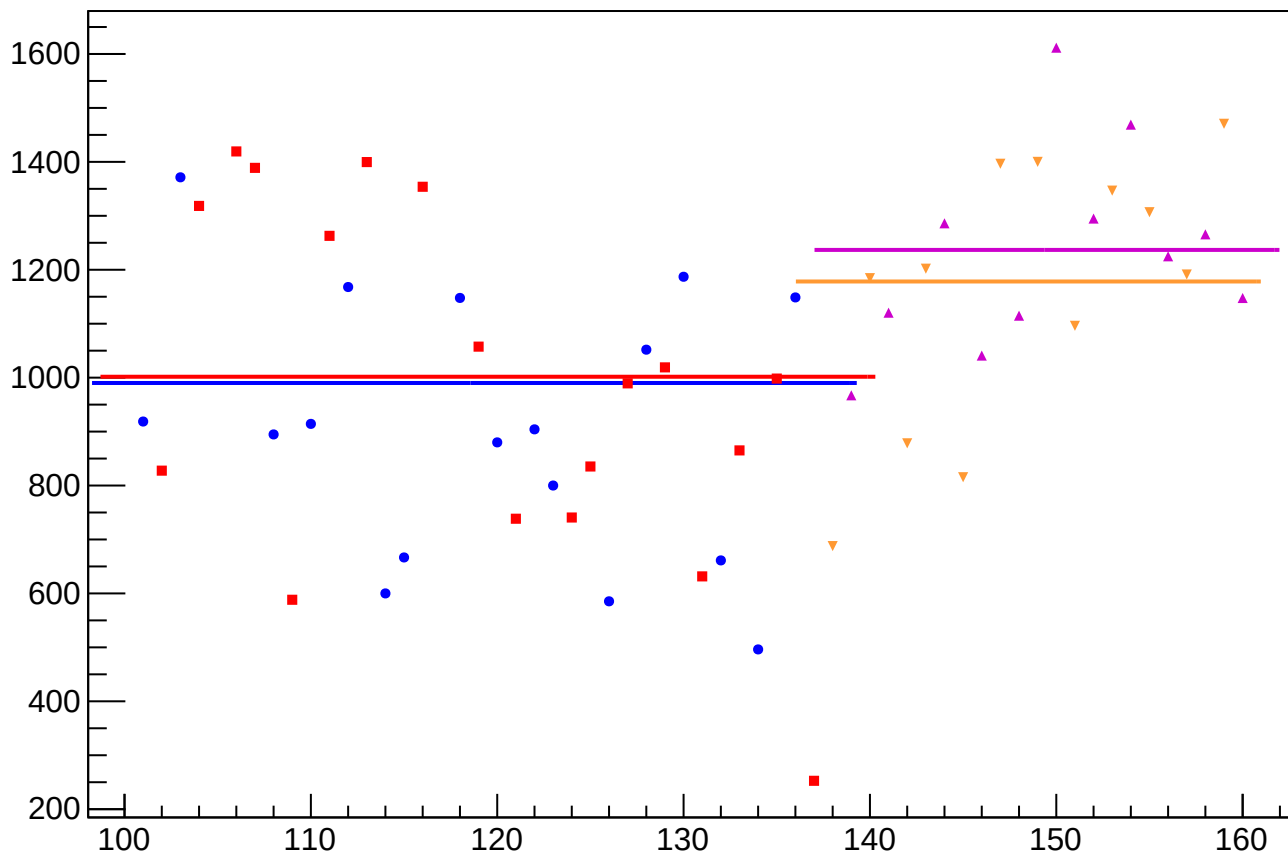
Left In: 2.161+/-0.000 χ^2/NDF : 138371088754302765080927377817600.0/10

+ sign 3.530+/-0.000 χ^2/NDF : 22988186376694934

All: 3.499+/-0.000 χ^2/NDF : 42359700854204

- sign 3.469+/-0.000 χ^2/NDF : 19368484032276007

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

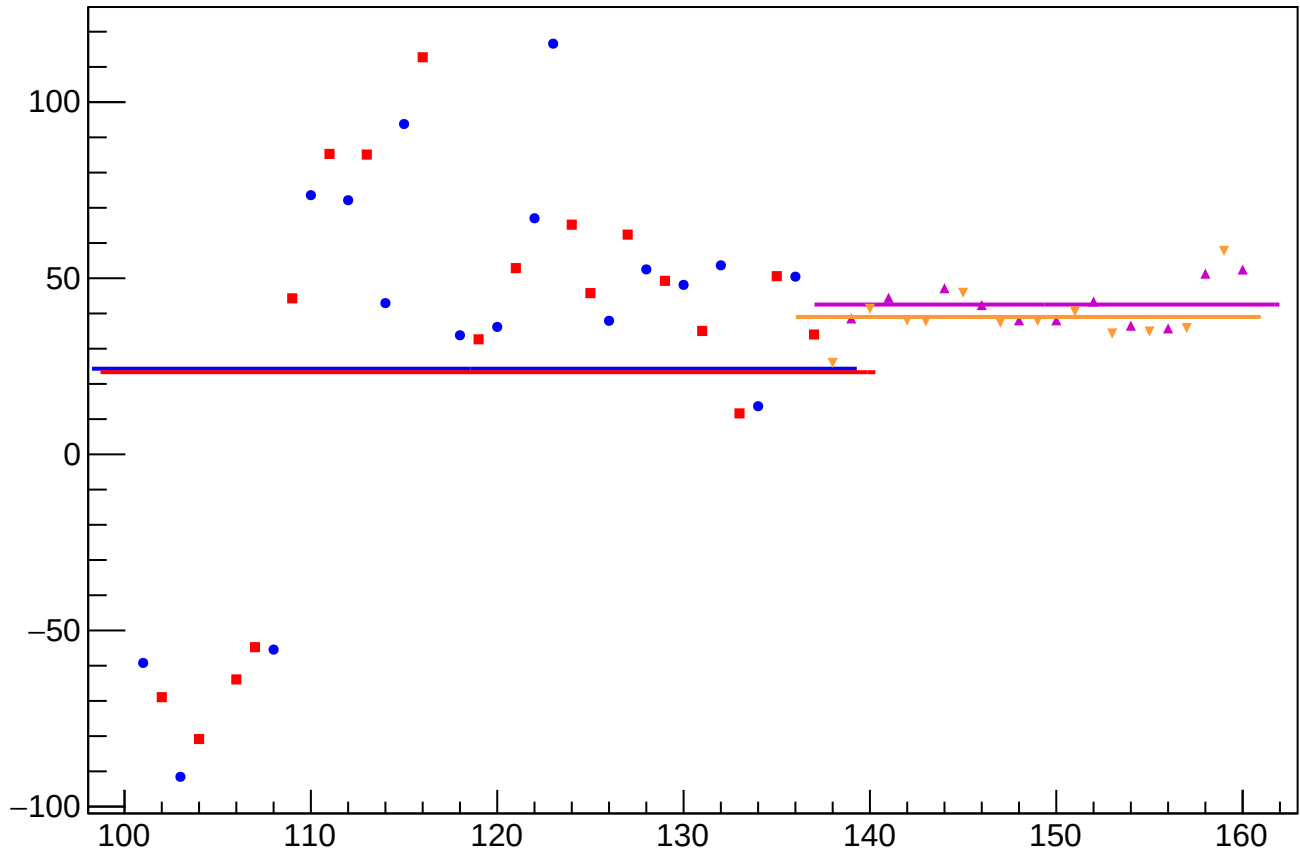
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

dit_4aY_coil6_mean vs Slug



Right In: 24.318 $\pm$ 0.000 χ^2 /NDF: 2002814634195538334157710520710332416.0/16

Left Out: 39.019 $\pm$ 0.000 χ^2 /NDF: 50102899546886796047994324336508928.0/11

Right Out: 23.323 $\pm$ 0.000 χ^2 /NDF: 2300287491781415748029178925971144704.0/17

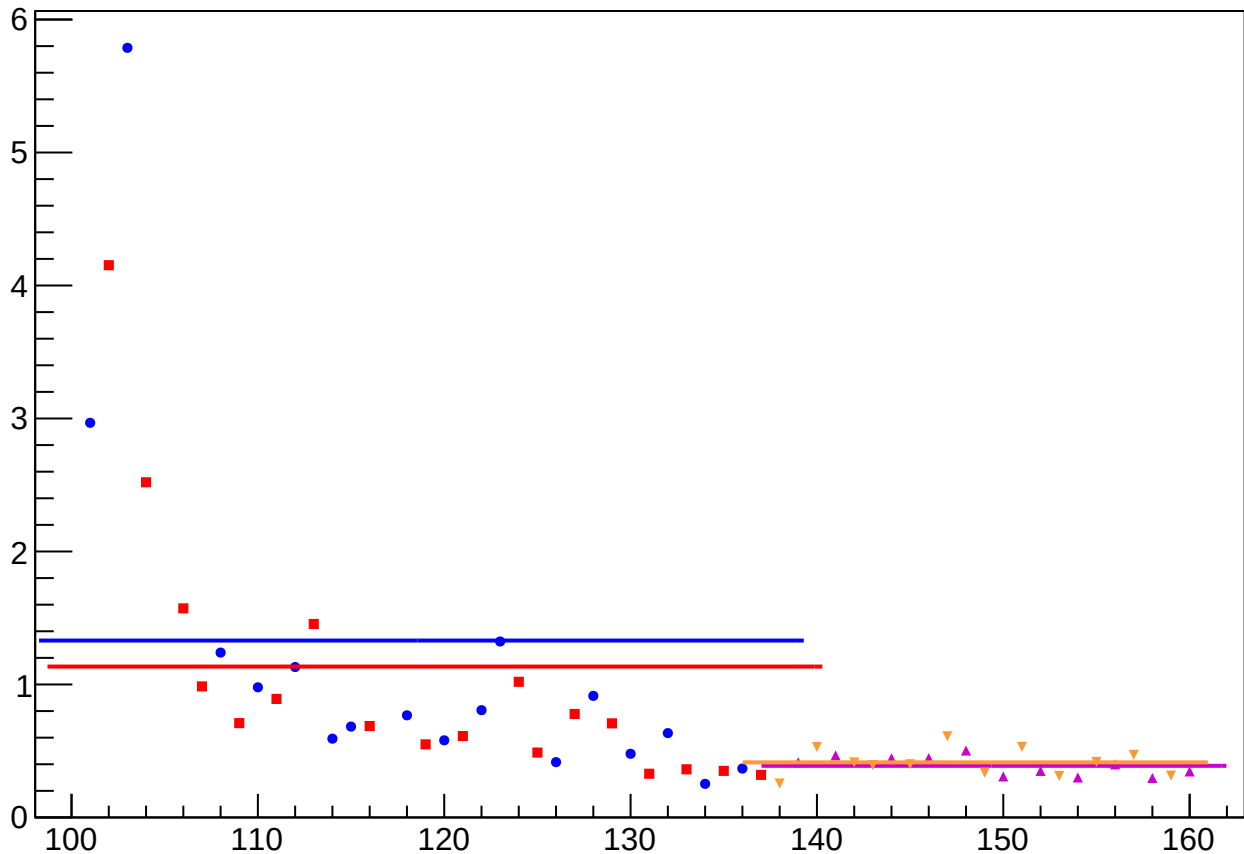
Left In: 42.534 $\pm$ 0.000 χ^2 /NDF: 28373028064789967113556541703192576.0/10

+ sign 32.655 $\pm$ 0.000 χ^2 /NDF: 2137967707580672

All: 33.438 $\pm$ 0.000 χ^2 /NDF: 4617966281278

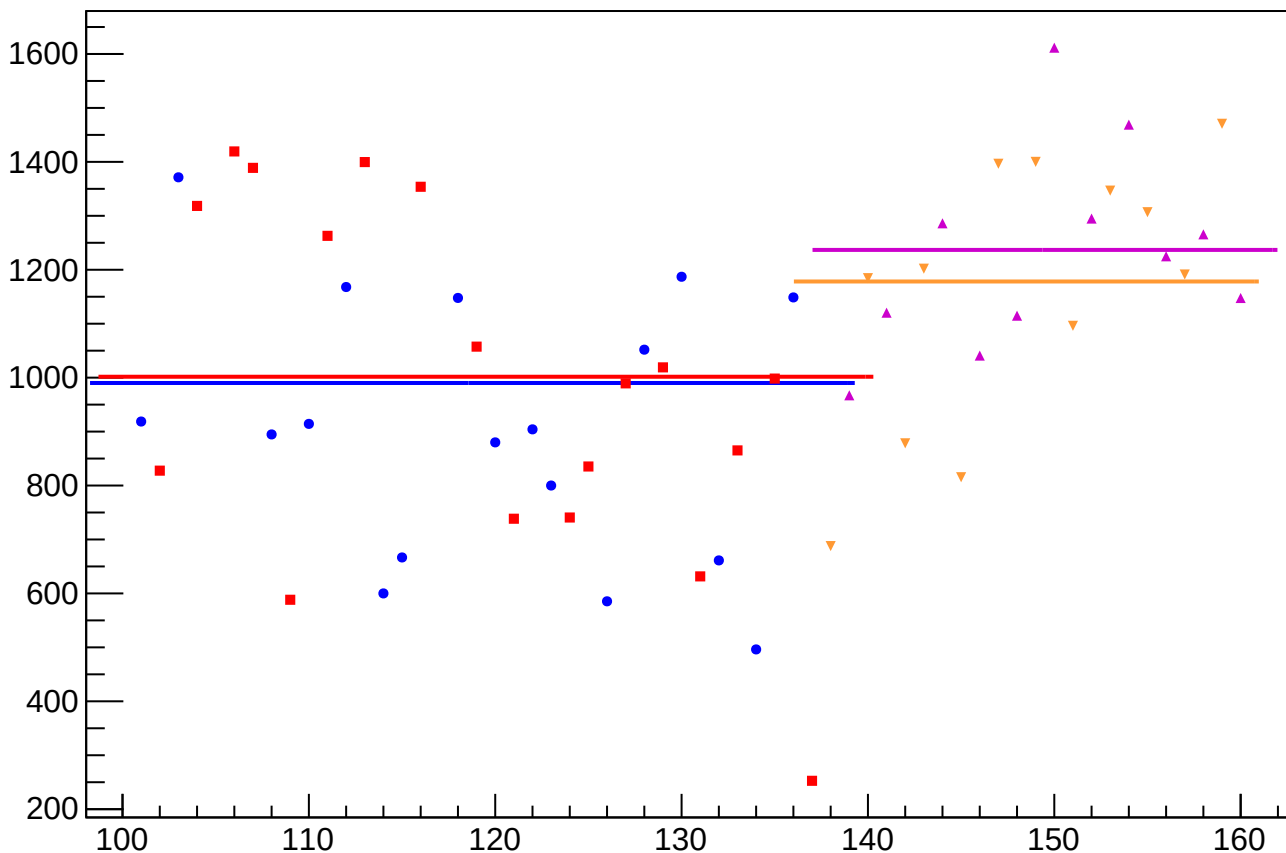
- sign 34.199 $\pm$ 0.000 χ^2 /NDF: 2478060660645890

dit_4aY_coil6_err_mean vs Slug



Right In: 1.330+/-0.000	χ^2/NDF : 1603106167275520107151234942631936.0/16	+ sign 0.811+/-0.000	χ^2/NDF : 19427863684681372
Left Out: 0.414+/-0.000	χ^2/NDF : 9567880309690591091908795170816.0/11	All: 0.761+/-0.000	χ^2/NDF : 29837870387158
Right Out: 1.135+/-0.000	χ^2/NDF : 803137408294494563054397652205568.0/17	- sign 0.712+/-0.000	χ^2/NDF : 10330720587516045
Left In: 0.388+/-0.000	χ^2/NDF : 4478292013674144747987763462144.0/10		

dit_4aY_coil6_Ndata_mean vs Slug



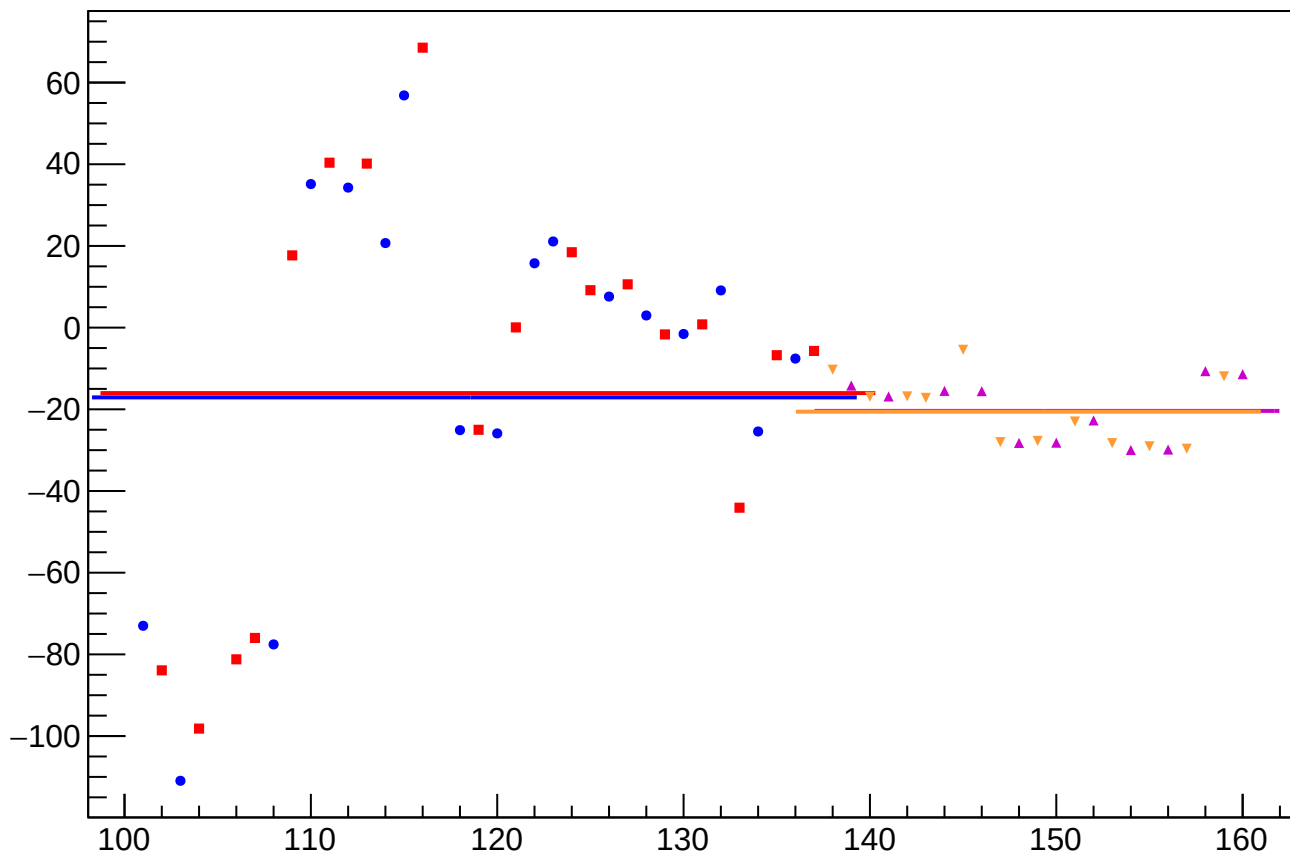
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11
 + sign 1096.796 $\pm$ 0.000 χ^2 /NDF: 10299336032606

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17
 All: 1116.055 $\pm$ 0.000 χ^2 /NDF: 21820107896

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10
 - sign 1134.788 $\pm$ 0.000 χ^2 /NDF: 11403481288125

dit_4eY_coil6_mean vs Slug



Right In: -17.080 ± 0.000 χ^2/NDF : 1305852396524110552444351569704517632.0/16

Left Out: -20.578 ± 0.000 χ^2/NDF : 60639888412264927004894637808680960.0/11

Right Out: -16.026 ± 0.000 χ^2/NDF : 1544075638091019901834252047429402624.0/17

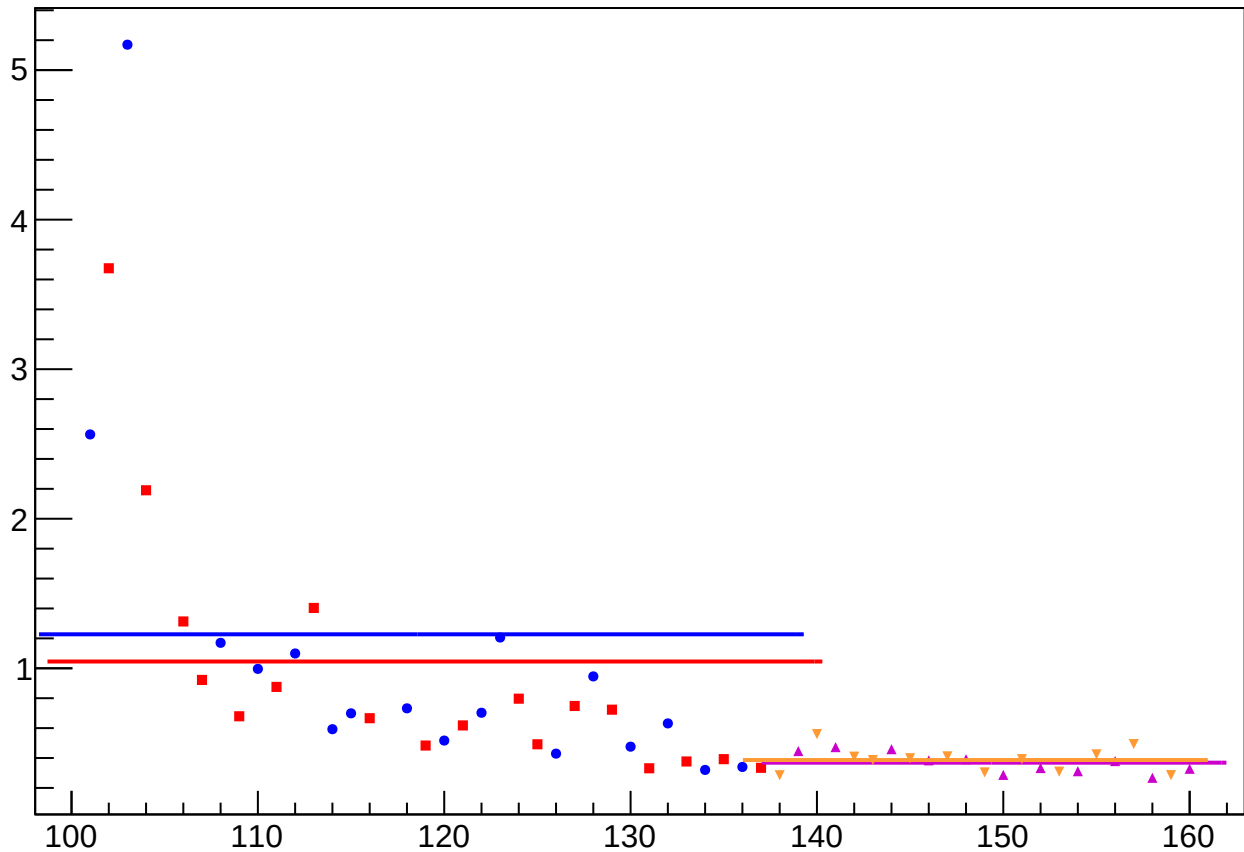
Left In: -20.391 ± 0.000 χ^2/NDF : 49123532237880600080923761508876288.0/10

+ sign -19.064 ± 0.000 χ^2/NDF : 137130924421391

All: -18.777 ± 0.000 χ^2/NDF : 297248161358

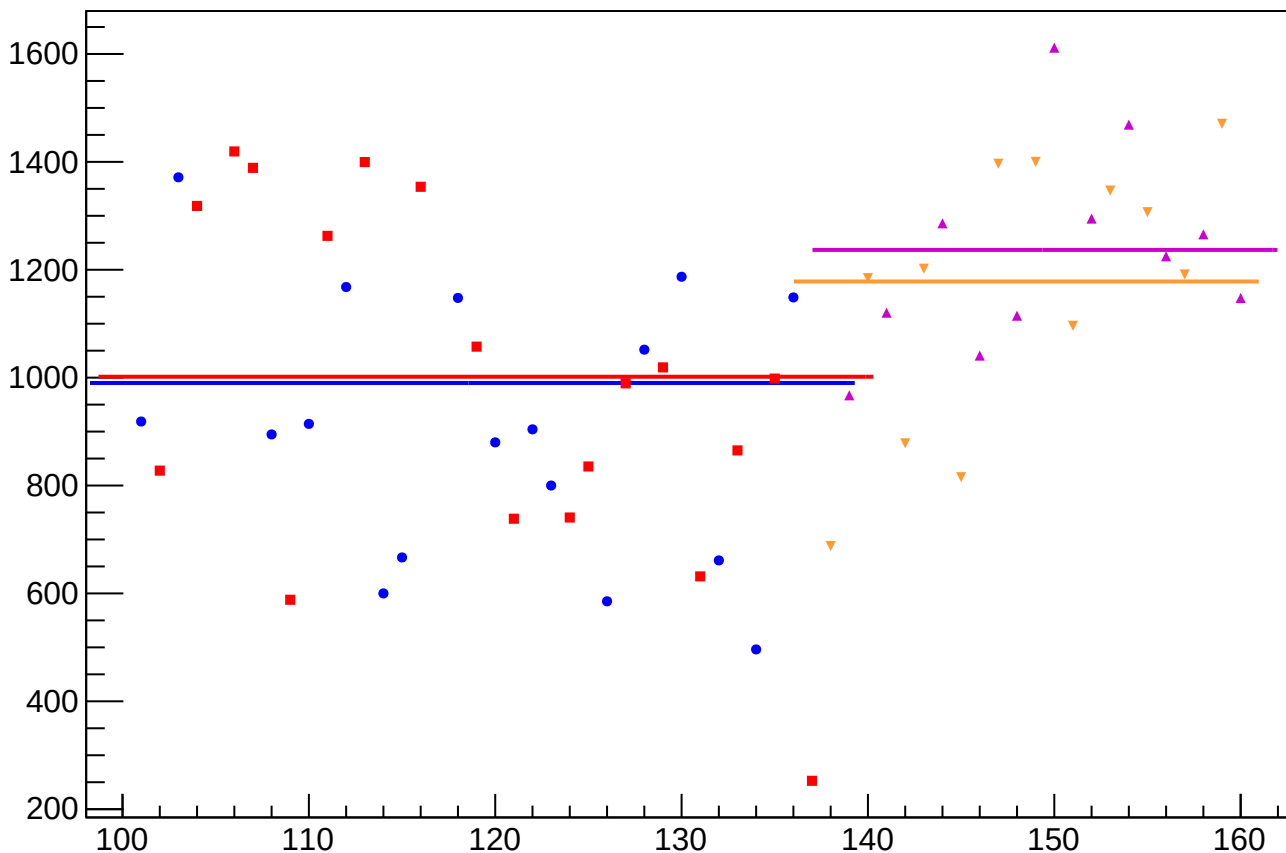
- sign -18.497 ± 0.000 χ^2/NDF : 1600911922183748

dit_4eY_coil6_err_mean vs Slug



Right In: 1.227 ± 0.000 χ^2/NDF : 1236268785411842731770087408140288.0/16
 Left Out: 0.386 ± 0.000 χ^2/NDF : 6218656899307774549221745623040.0/11
 Right Out: 1.045 ± 0.000 χ^2/NDF : 600057841416365938926945245855744.0/17
 Left In: 0.369 ± 0.000 χ^2/NDF : 4180194840459374093507993010176.0/10

dit_4eY_coil6_Ndata_mean vs Slug



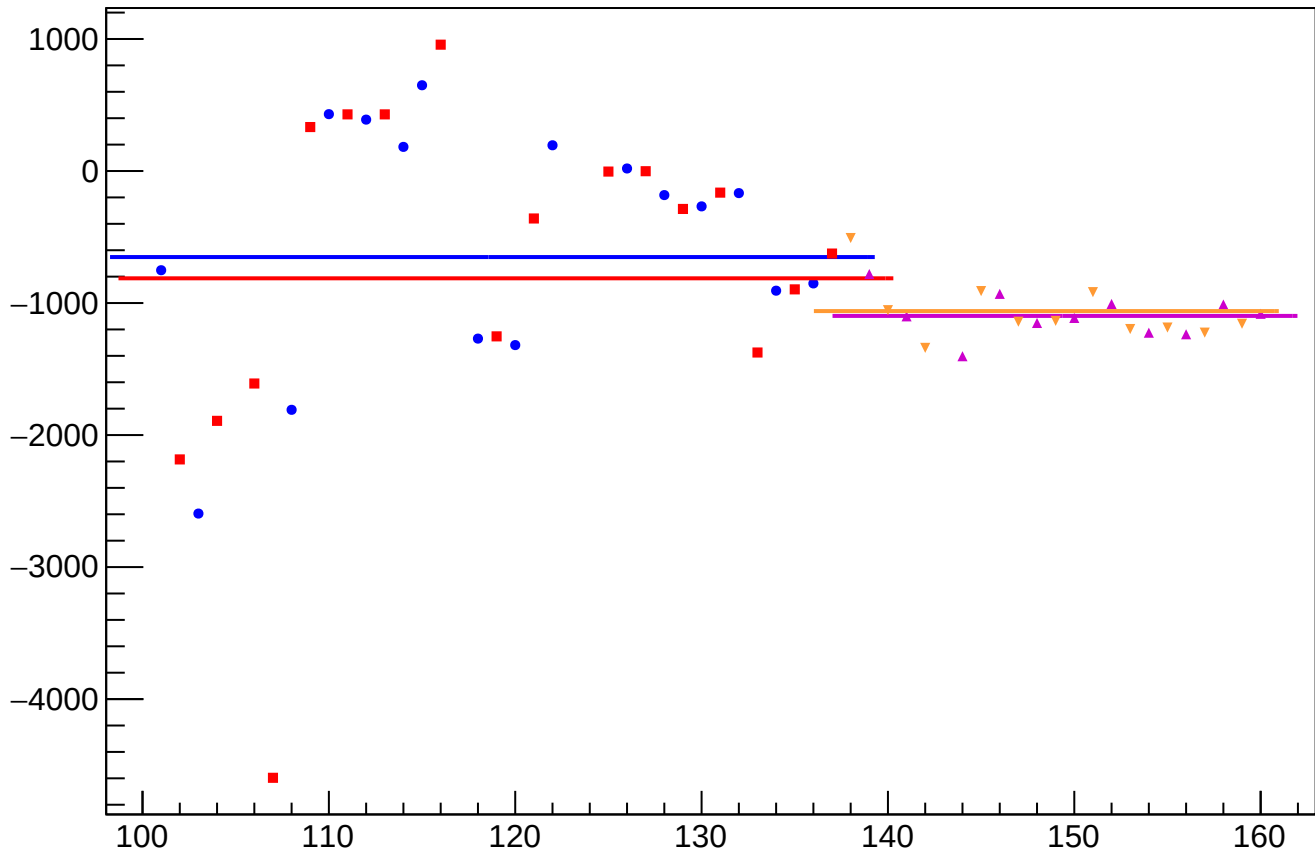
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

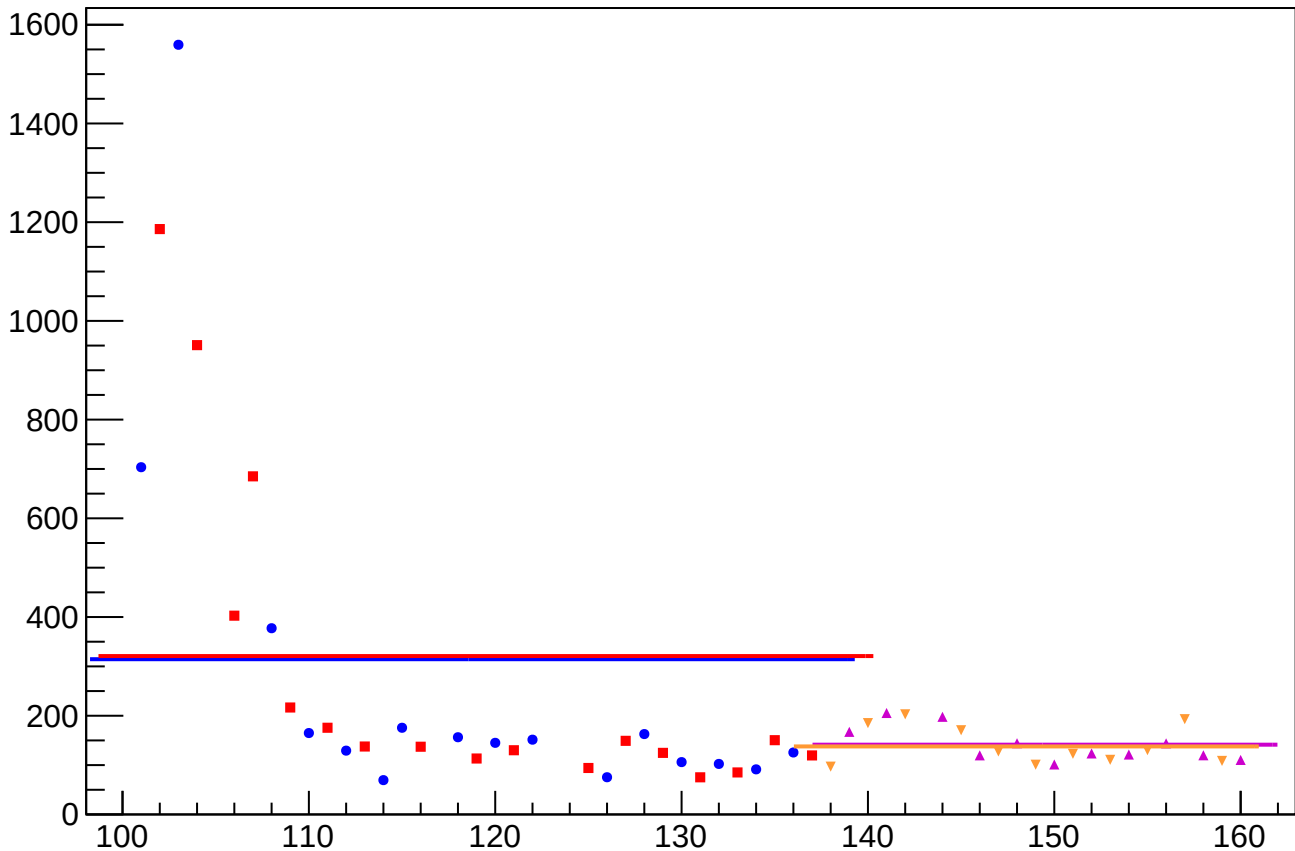
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_usl_coil6_mean vs Slug



Right In: -651.720+/-0.000	χ^2/NDF : 515253429514141170908240824492993019904.0/15
Left Out: -1060.938+/-0.000	+ sign -876.630+/-0.000 χ^2/NDF : 61607579829716
Right Out: -812.763+/-0.000	χ^2/NDF : 37316934369897173476470226506953523200.0/10
Left In: -1097.494+/-0.000	All: -927.576+/-0.000 χ^2/NDF : 17810428364
	- sign -975.342+/-0.000 χ^2/NDF : 115726258825045
	χ^2/NDF : 23351400853511431173682229401488457728.0/10

dit_usl_coil6_err_mean vs Slug



Right In: 314.545+/-0.000 χ^2/NDF : 119237374869722274381627978354572394496.0/15

Left Out: 137.826+/-0.000 χ^2/NDF : 1094456190127485878958561813734621184.0/10

Right Out: 320.904+/-0.000 χ^2/NDF : 87674109079535670450798871539758399488.0/16

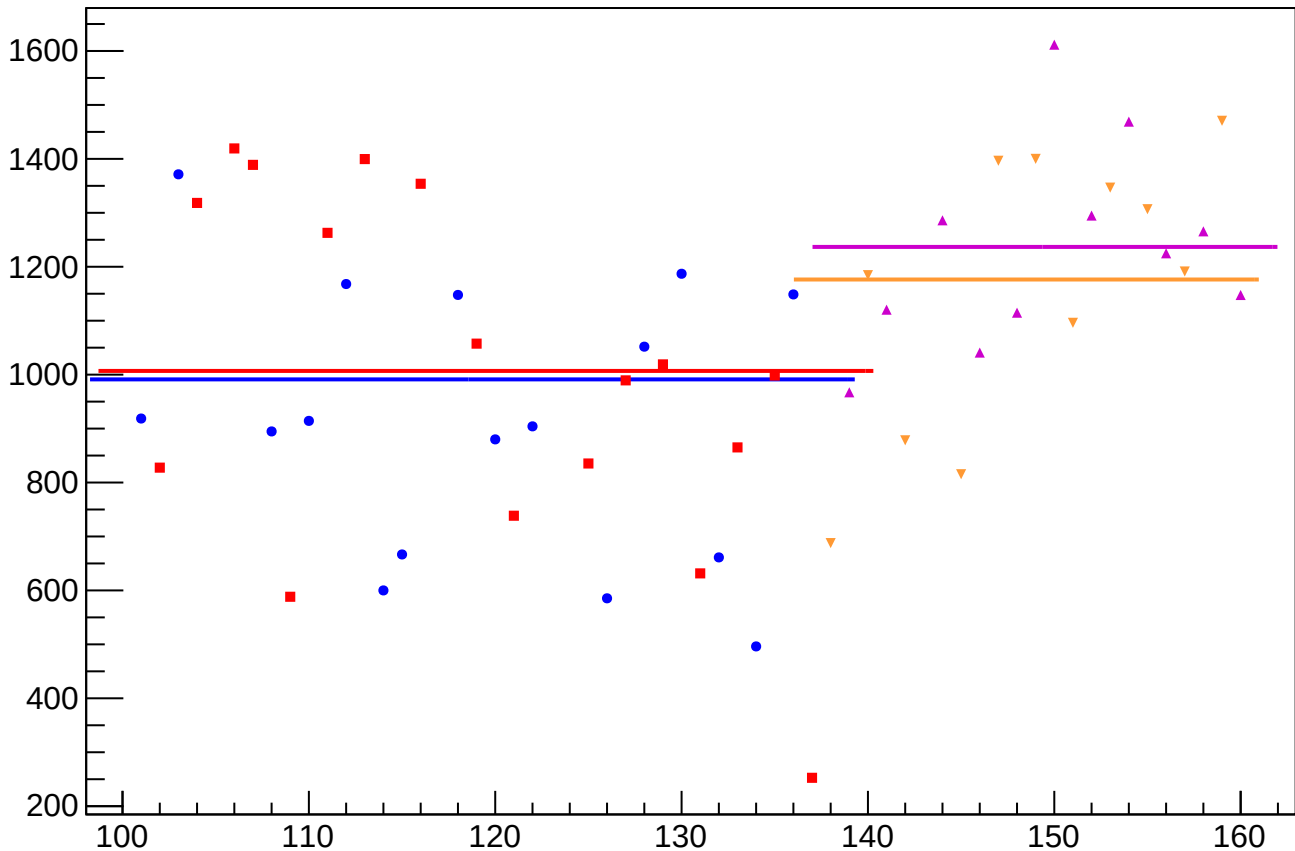
Left In: 141.362+/-0.000 χ^2/NDF : 1055012585821780249716984846873526272.0/10

+ sign 217.419+/-0.000 χ^2/NDF : 132174973205164

All: 217.918+/-0.000 χ^2/NDF : 23380755384

- sign 218.387+/-0.000 χ^2/NDF : 101631839528930

dit_usl_coil6_Ndata_mean vs Slug



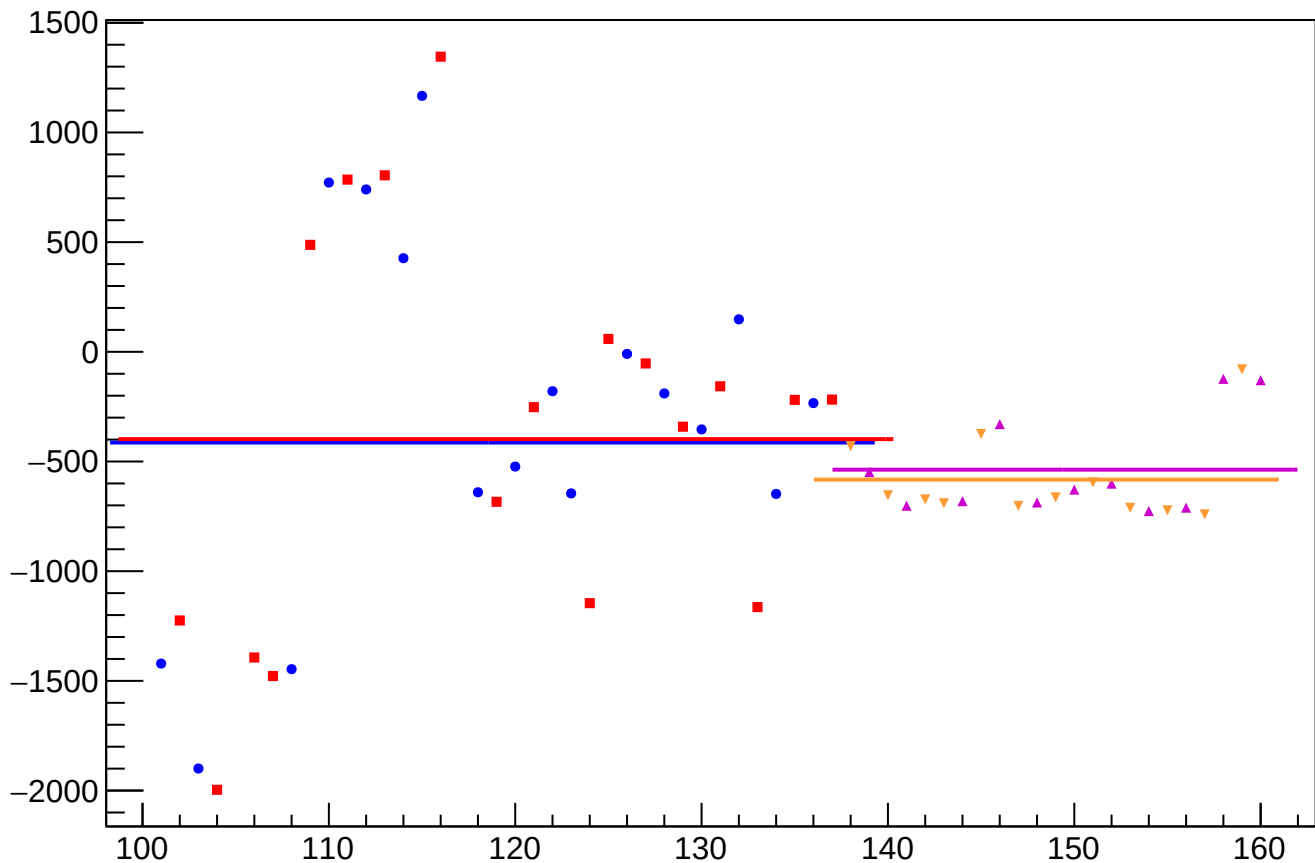
Right In: 991.206+/-0.000 χ^2/NDF : 36748853080147814133782972147039207424.0/15

Left Out: 1176.365+/-0.000 χ^2/NDF : 52126967778678264824660469189129011200.0/10

Right Out: 1006.896+/-0.000 χ^2/NDF : 60379057385364851969891575322776698880.0/16

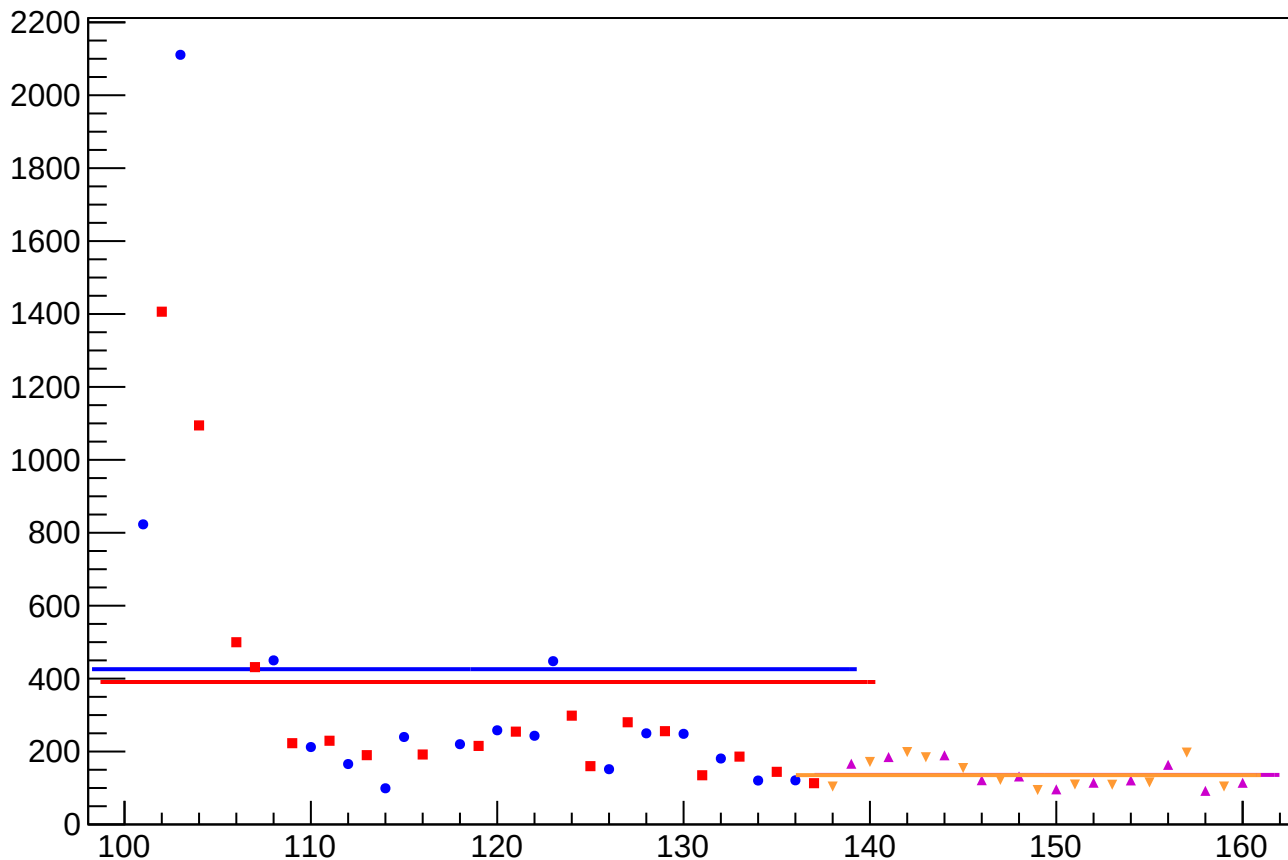
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_usr_coil6_mean vs Slug



Right In: -413.418 ± 0.000 $\chi^2/\text{NDF}: 416661262936725907024907175037323182080.0/16$
 Left Out: -582.459 ± 0.000 $\chi^2/\text{NDF}: 33467960128357815096221409884680224768.0/11$
 Right Out: -397.961 ± 0.000 $\chi^2/\text{NDF}: 544622124437292502497528454351499034624.0/17$
 Left In: -537.163 ± 0.000 $\chi^2/\text{NDF}: 43957458836517899124048676659035897856.0/10$

dit_usr_coil6_err_mean vs Slug



Right In: 425.847+/-0.000 χ^2/NDF : 207036344088227618256858466697210757120.0/16

Left Out: 135.302+/-0.000 χ^2/NDF : 1213972117724638790045949459626459136.0/11

Right Out: 390.709+/-0.000 χ^2/NDF : 105177402148385851360915440950786916352.0/17

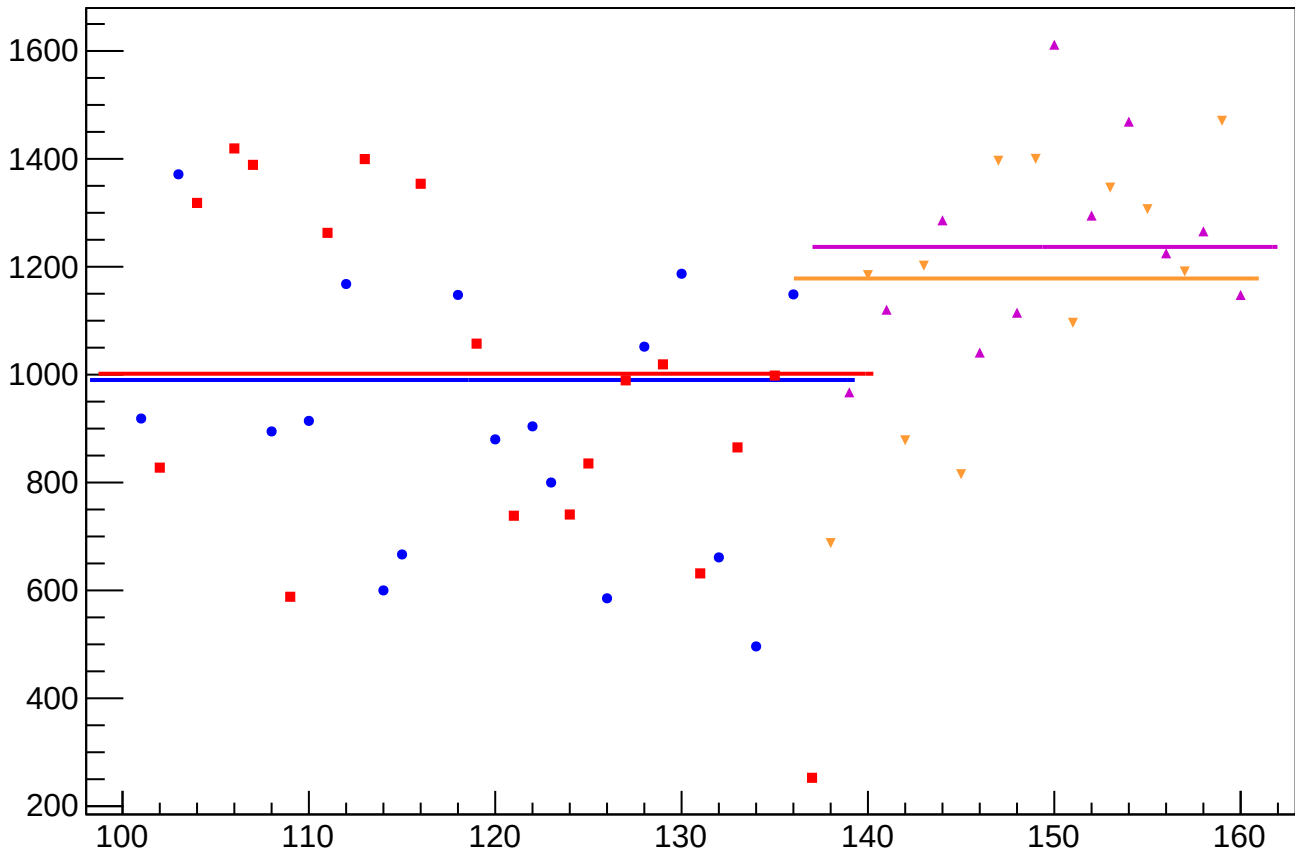
Left In: 135.877+/-0.000 χ^2/NDF : 1013407653524592727671386529217904640.0/10

+ sign 261.090+/-0.000 χ^2/NDF : 241471538230727

All: 253.663+/-0.000 χ^2/NDF : 374123627315

- sign 246.438+/-0.000 χ^2/NDF : 132477635867961

dit_usr_coil6_Ndata_mean vs Slug



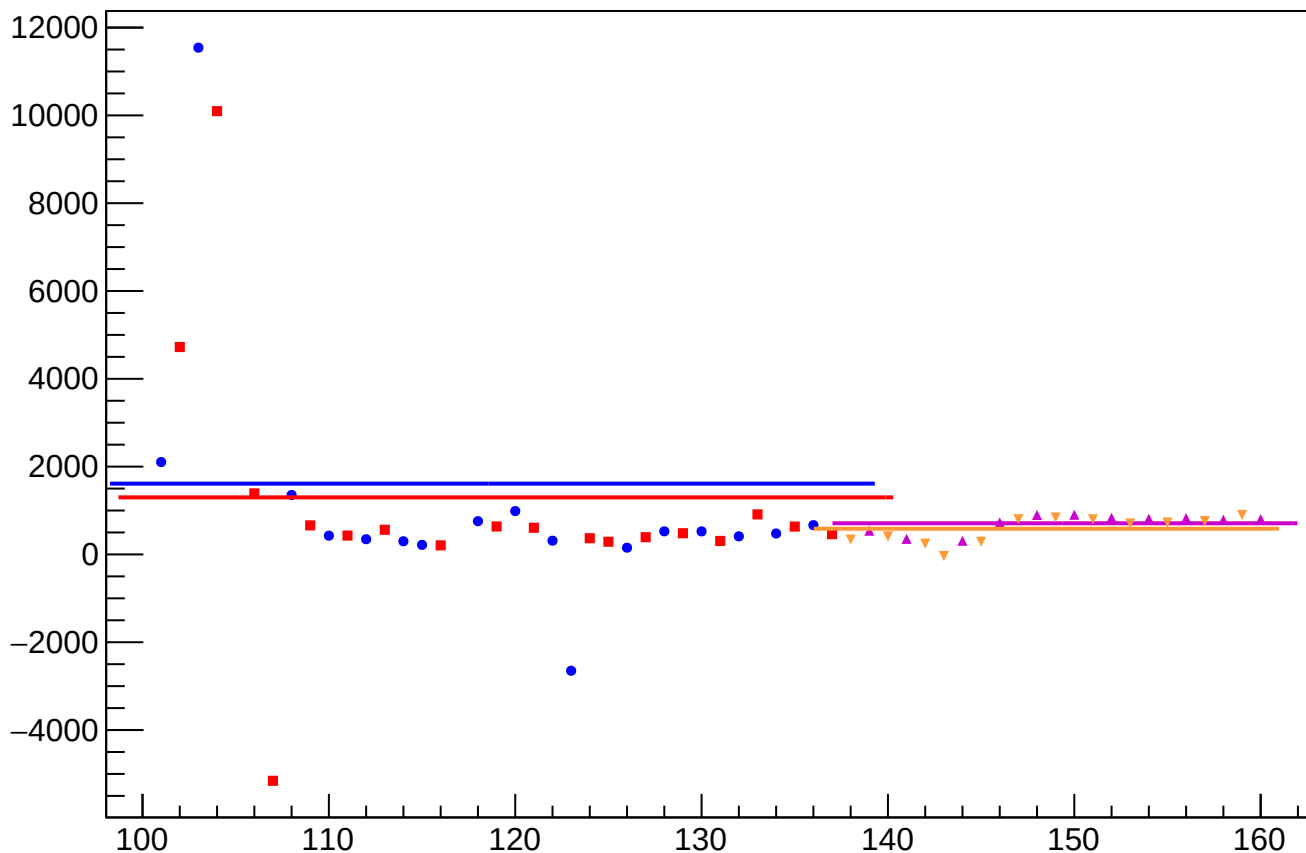
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11
 + sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17
 All: 1116.055+/-0.000 χ^2/NDF : 21820107896

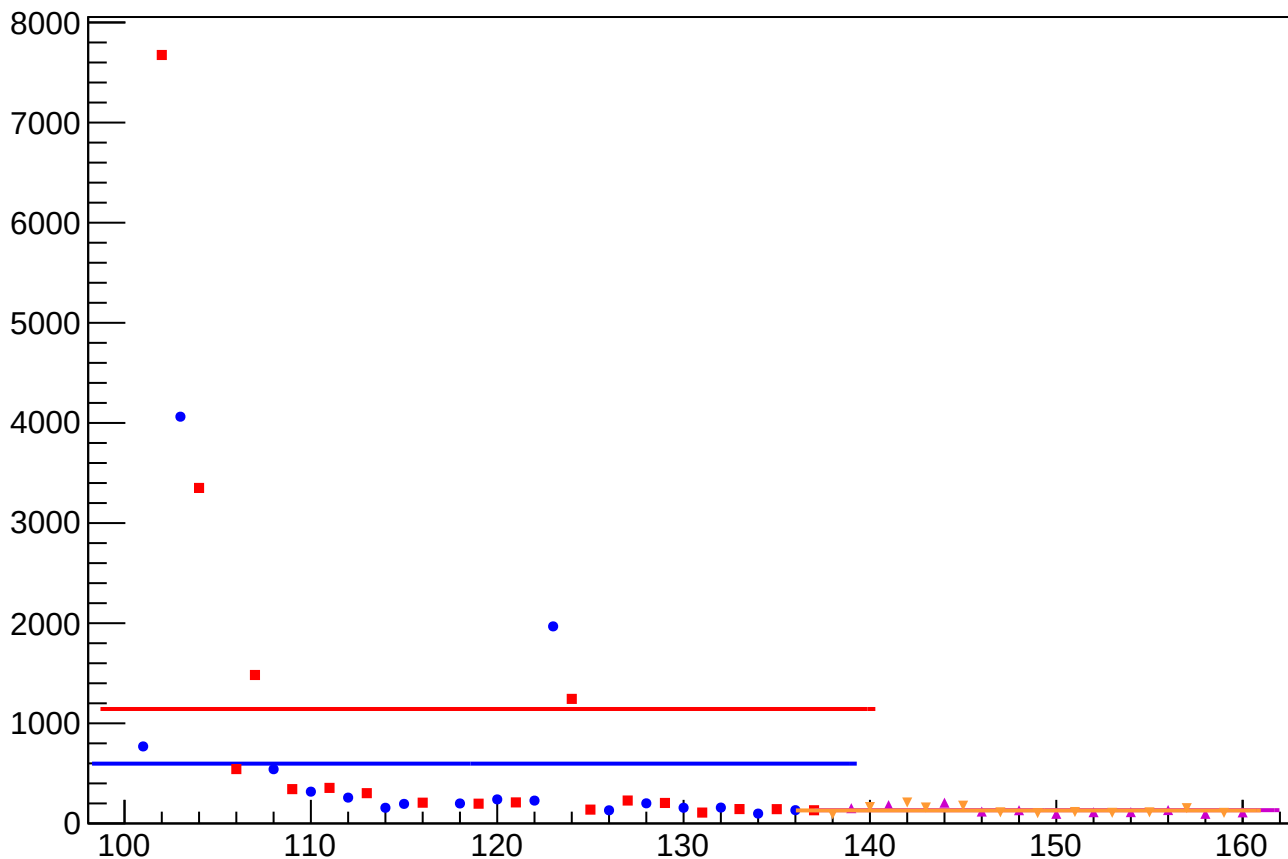
- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125
 Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atl1_coil6_mean vs Slug



Right In: 1612.346 $\pm$ 0.000 χ^2 /NDF: 6578565632222822389389916952029424517120.0/16
 Left Out: 585.355 $\pm$ 0.000 χ^2 /NDF: 71064130905944539858639816600462557184.0/11
 Right Out: 1299.611 $\pm$ 0.000 χ^2 /NDF: 6468181068576271058681439598083982753792.0/17
 Left In: 709.552 $\pm$ 0.000 χ^2 /NDF: 3832488724282383367835539132322414592.0/10
 All: 997.321 $\pm$ 0.000 χ^2 /NDF: 137155163833
 + sign 1029.979 $\pm$ 0.000 χ^2 /NDF: 70647019956652
 - sign 965.555 $\pm$ 0.000 χ^2 /NDF: 664744176785799

dit_atl1_coil6_err_mean vs Slug



Right In: 597.382+/-0.000 χ^2/NDF : 808468639420281882930484113186400239616.0/16

Left Out: 130.051+/-0.000 χ^2/NDF : 1012152339815276325722639516246736896.0/11

Right Out: 1143.180+/-0.000 χ^2/NDF : 3192644561132334907368616853810301632512.0/17

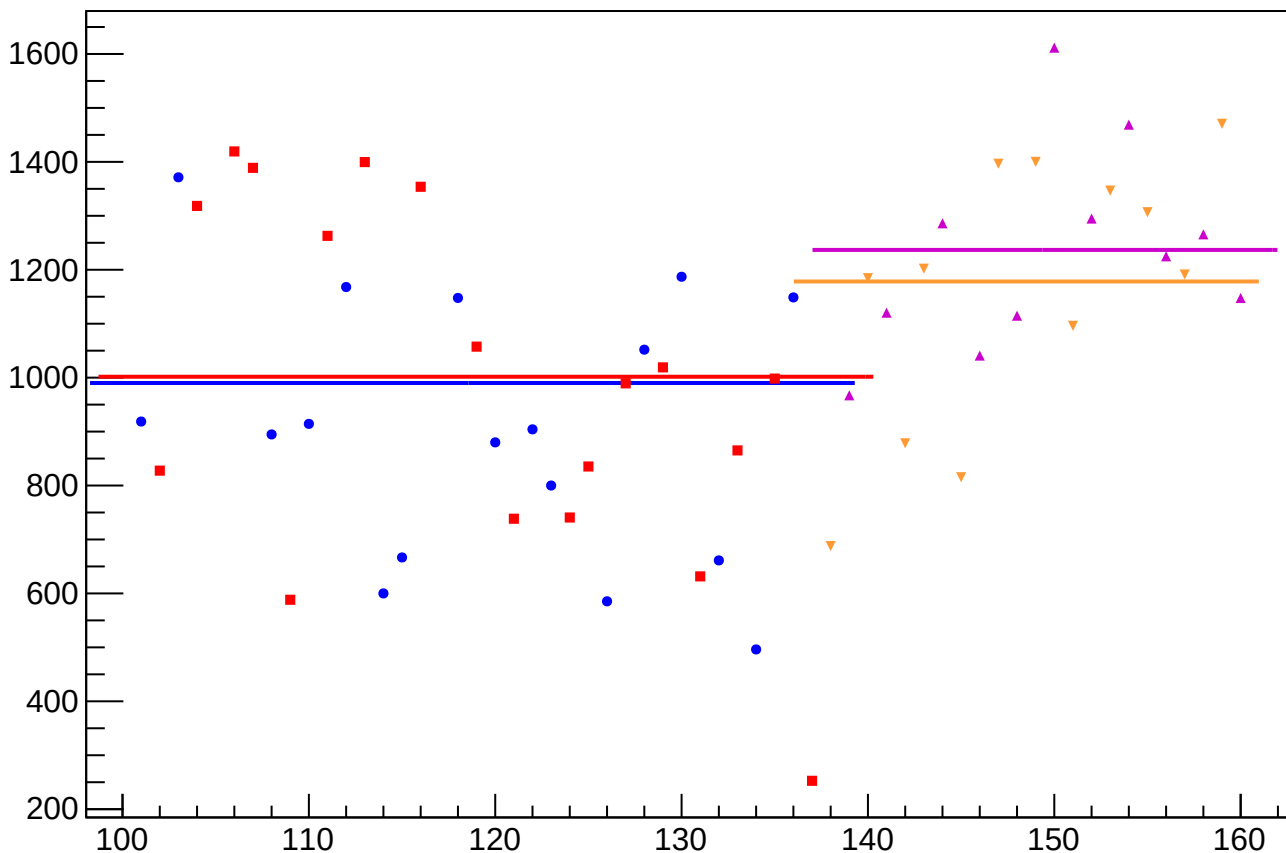
Left In: 132.683+/-0.000 χ^2/NDF : 1095069941425855295085560512768901120.0/10

All: 453.389+/-0.000 χ^2/NDF : 454881016948

+ sign 332.376+/-0.000 χ^2/NDF : 895429505209557

- sign 571.097+/-0.000 χ^2/NDF : 360707299311635

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

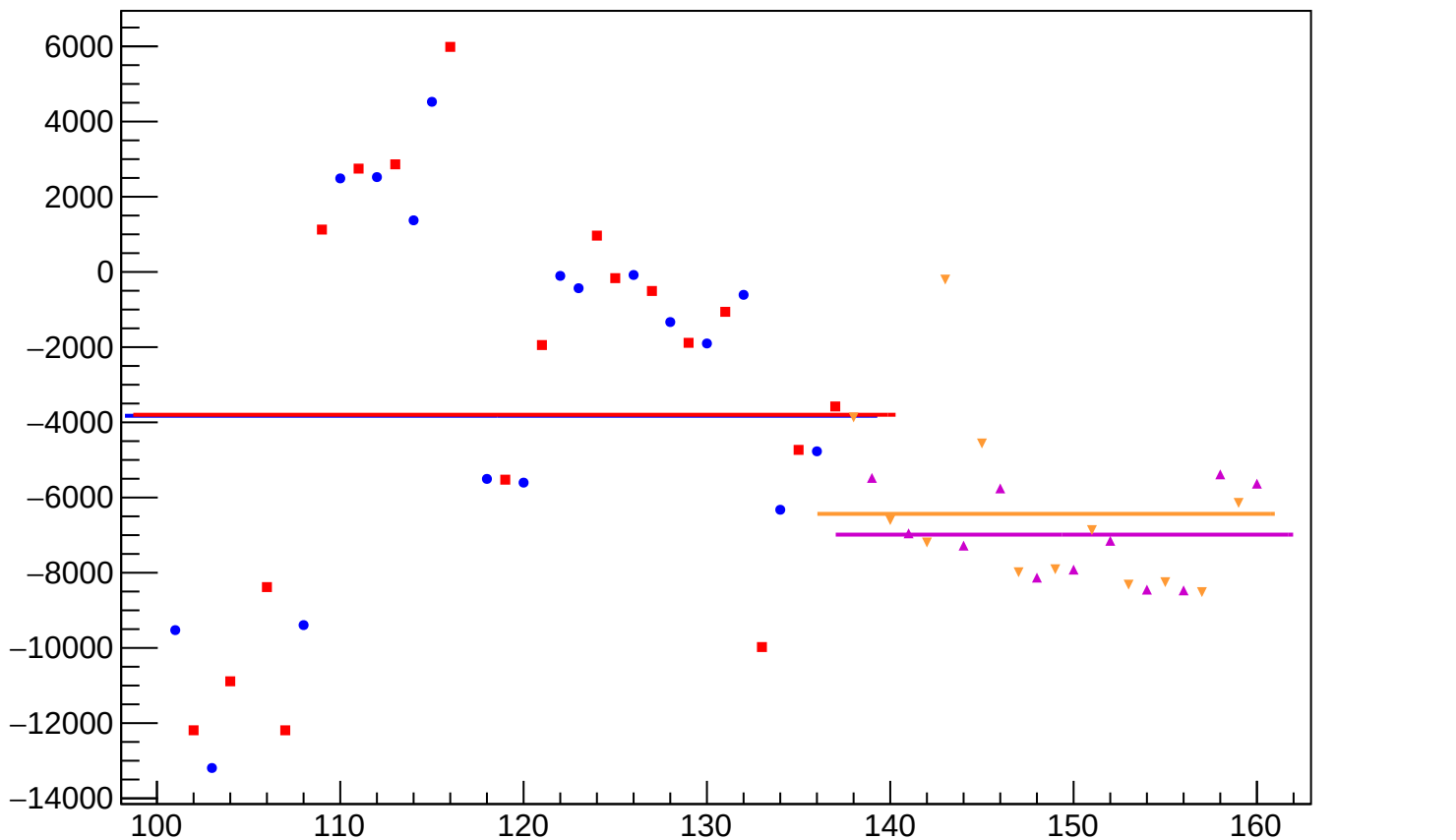
Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

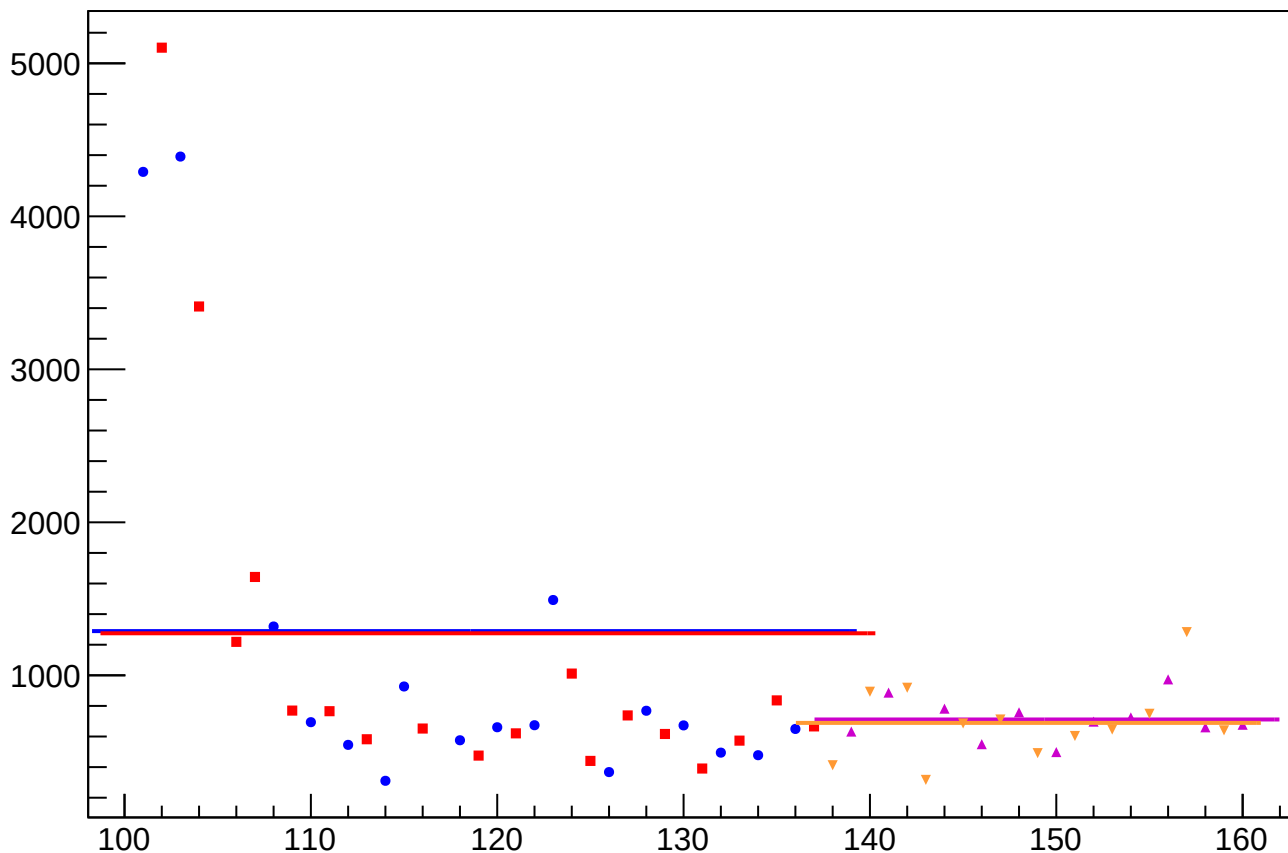
All: 1116.055+/-0.000 χ^2/NDF : 21820107896

dit_atl2_coil6_mean vs Slug



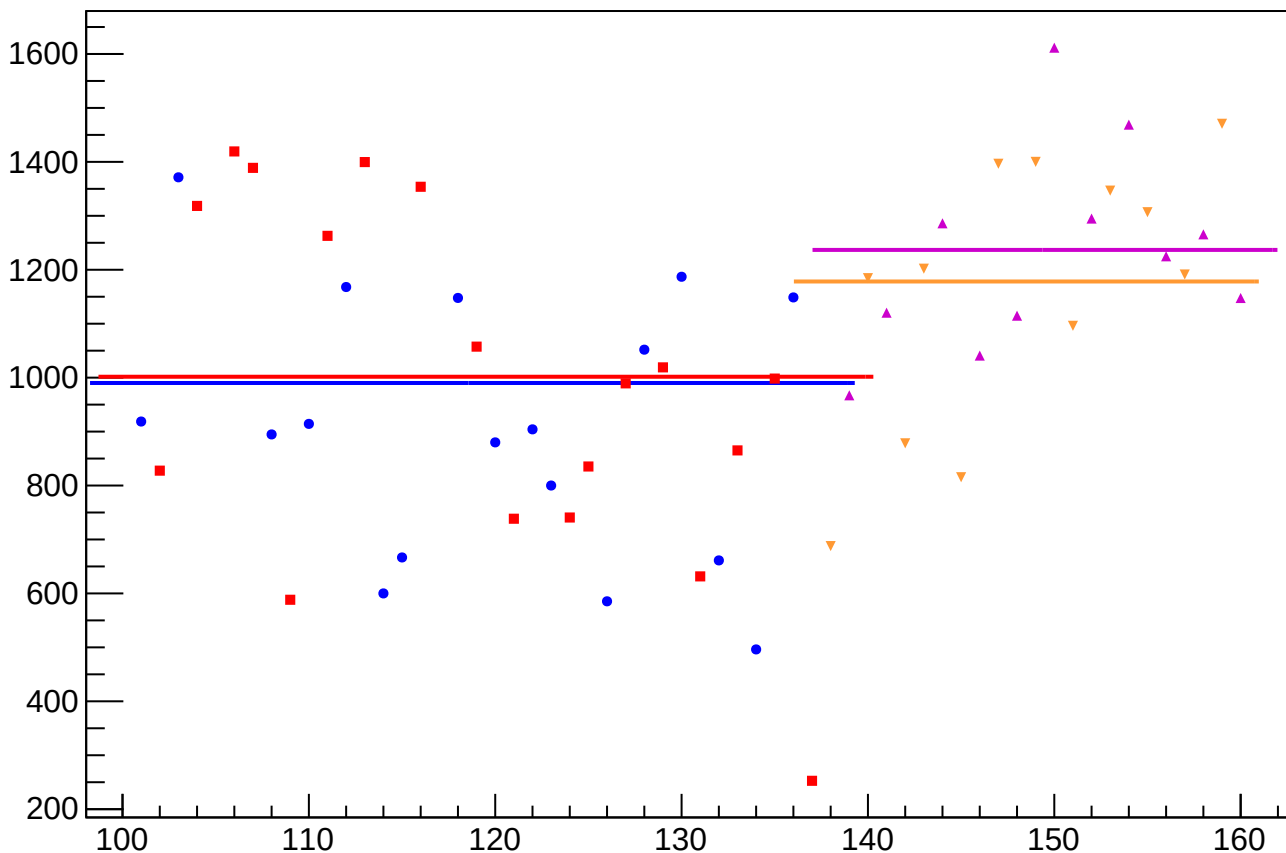
Right In: -3825.392+/-0.000 χ^2/NDF : 15445294605440071214640081166471362772992.0/16
 Left Out: -6434.104+/-0.000 χ^2/NDF : 4694104378818420456134132299517770334208.0/11
 Right Out: -3798.528+/-0.000 χ^2/NDF : 21131316959829635023813459777790997954560.0/17
 Left In: -6986.598+/-0.000 χ^2/NDF : 1235548818628101724226564744951120265216.0/10

dit_atl2_coil6_err_mean vs Slug



Right In: 1288.972 $\pm$ 0.000 χ^2 /NDF: 1352910763882575479104094227028785496064.0/16
 Left Out: 689.077 $\pm$ 0.000 χ^2 /NDF: 51672387047118863079417001056116146176.0/11
 Right Out: 1274.734 $\pm$ 0.000 χ^2 /NDF: 1316265489507064730168544372361657319424.0/17
 Left In: 711.332 $\pm$ 0.000 χ^2 /NDF: 15887933249894385970628581231809265664.0/10
 All: 952.330 $\pm$ 0.000 χ^2 /NDF: 300689090608
 + sign 948.795 $\pm$ 0.000 χ^2 /NDF: 154620855144335
 - sign 955.769 $\pm$ 0.000 χ^2 /NDF: 146064283094453

dit_atl2_coil6_Ndata_mean vs Slug



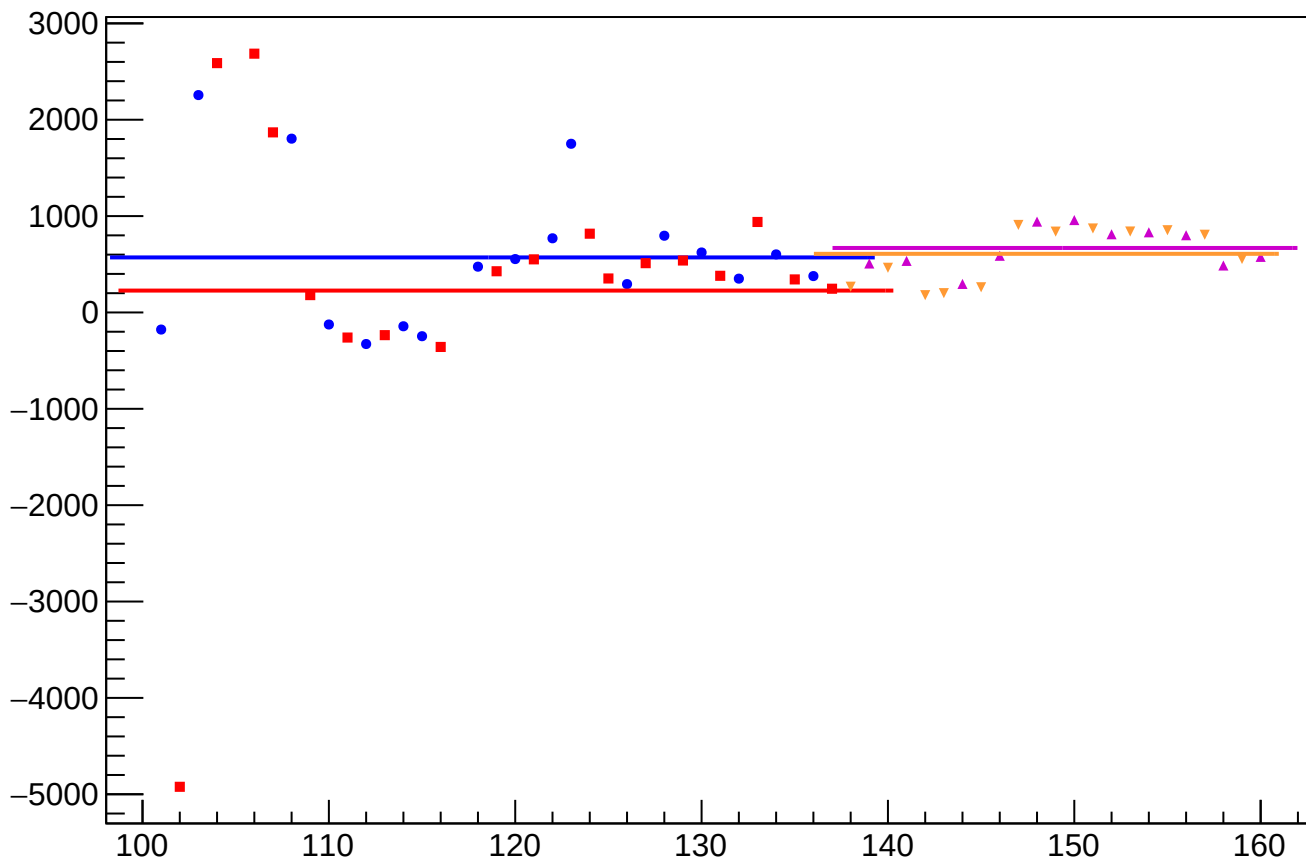
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atr1_coil6_mean vs Slug



Right In: 571.105+/-0.000 χ^2/NDF : 348676559810482432881112105158952615936.0/16

+ sign 592.255+/-0.000 χ^2/NDF : 418341440633097

Left Out: 608.402+/-0.000 χ^2/NDF : 69117421342453825845201605751792992256.0/11

All: 534.017+/-0.000 χ^2/NDF : 272606756972

Right Out: 227.021+/-0.000 χ^2/NDF : 2178465037537899335461890002061994491904.0/17

- sign 477.370+/-0.000 χ^2/NDF : 229700106899621

Left In: 669.223+/-0.000 χ^2/NDF : 39382312244115775396192244581527453696.0/10

dit_atr1_coil6_err_mean vs Slug



Right In: 519.063+/-0.000 χ^2/NDF : 420187131793740379632134790837132328960.0/16

Left Out: 143.116+/-0.000 χ^2/NDF : 711290210266154833943358309092294656.0/11

Right Out: 816.445+/-0.000 χ^2/NDF : 2586841774338234136799977462346624794624.0/17

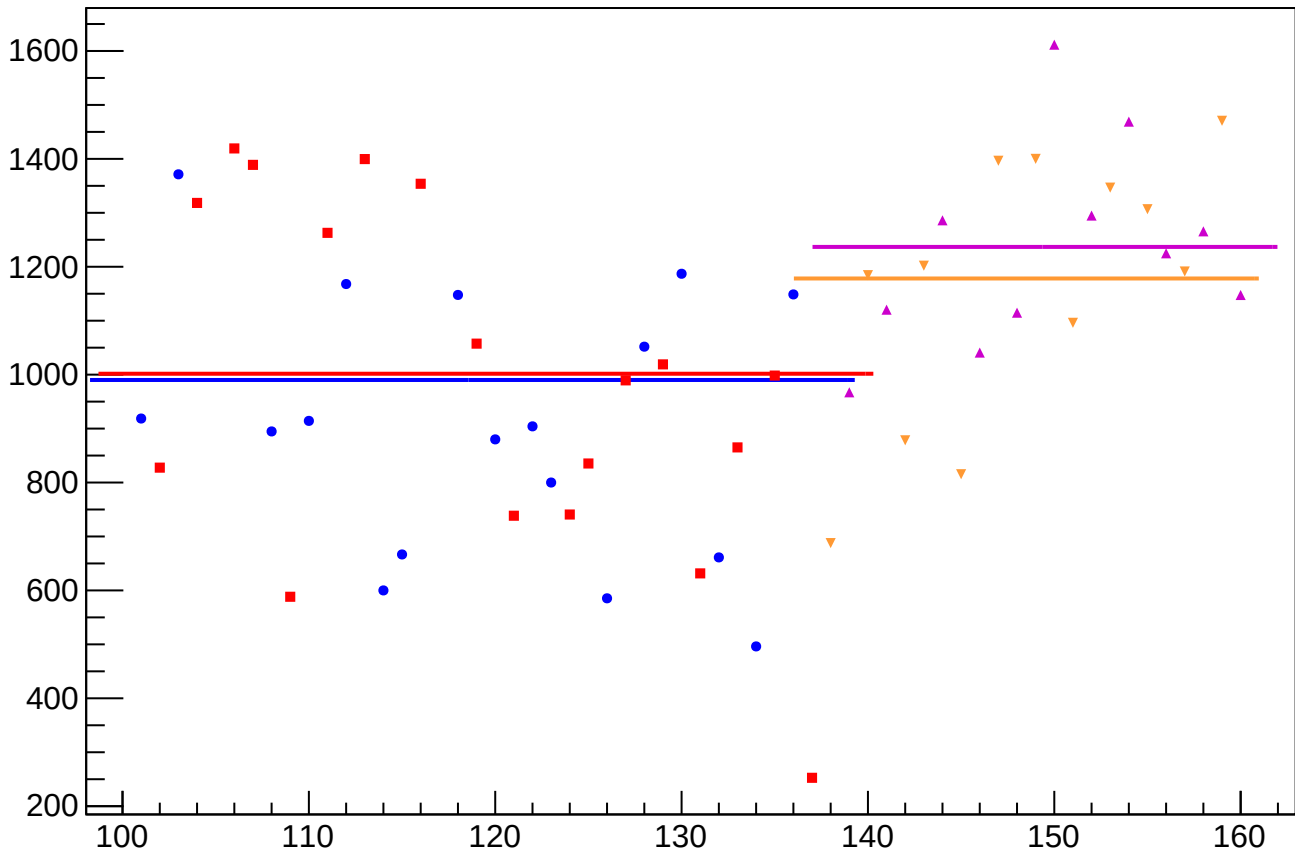
Left In: 145.264+/-0.000 χ^2/NDF : 787451488433589165323793528208228352.0/10

All: 372.074+/-0.000 χ^2/NDF : 326035729536.0/11

+ sign 305.878+/-0.000 χ^2/NDF : 476519959968556.0/11

- sign 436.462+/-0.000 χ^2/NDF : 276998079059233.0/11

dit_atr1_coil6_Ndata_mean vs Slug



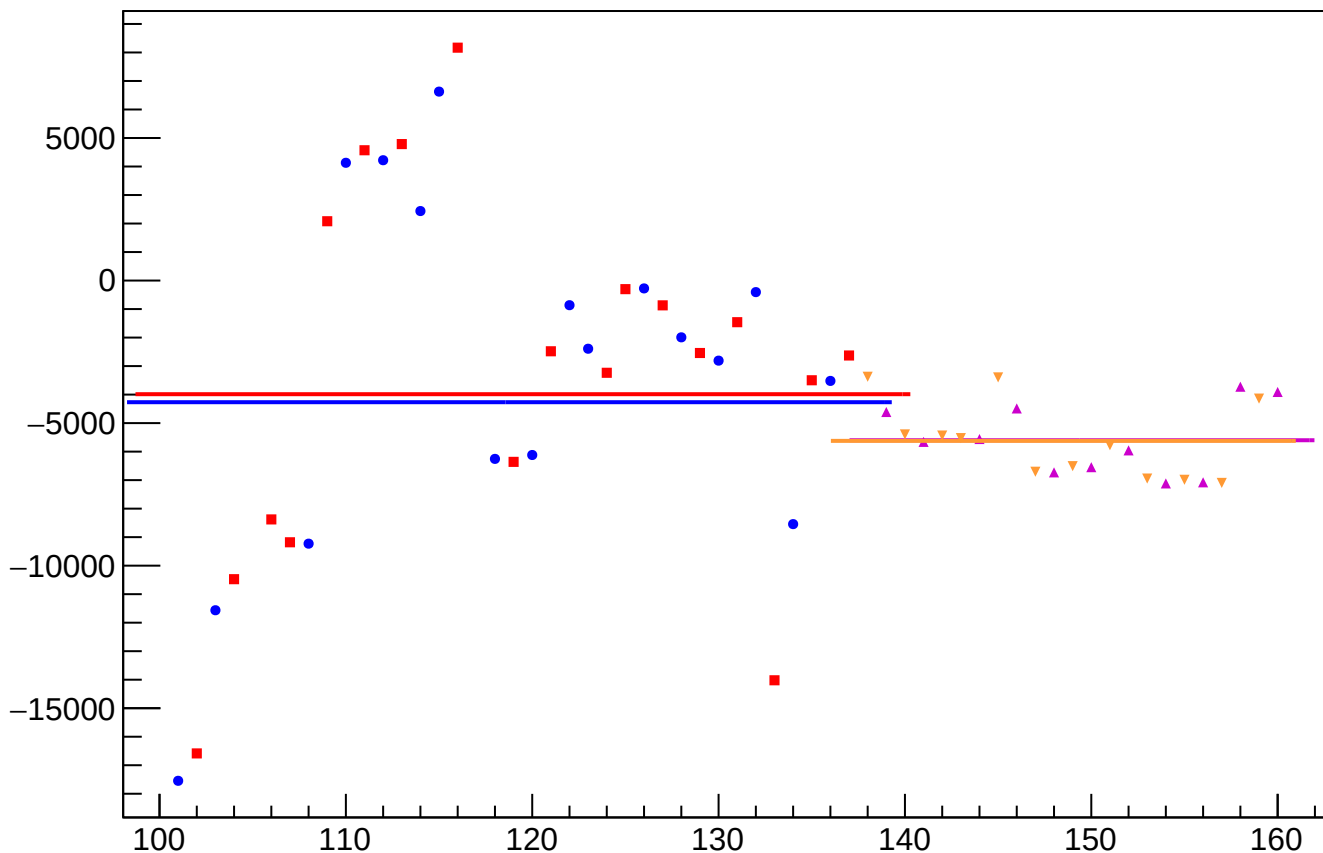
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

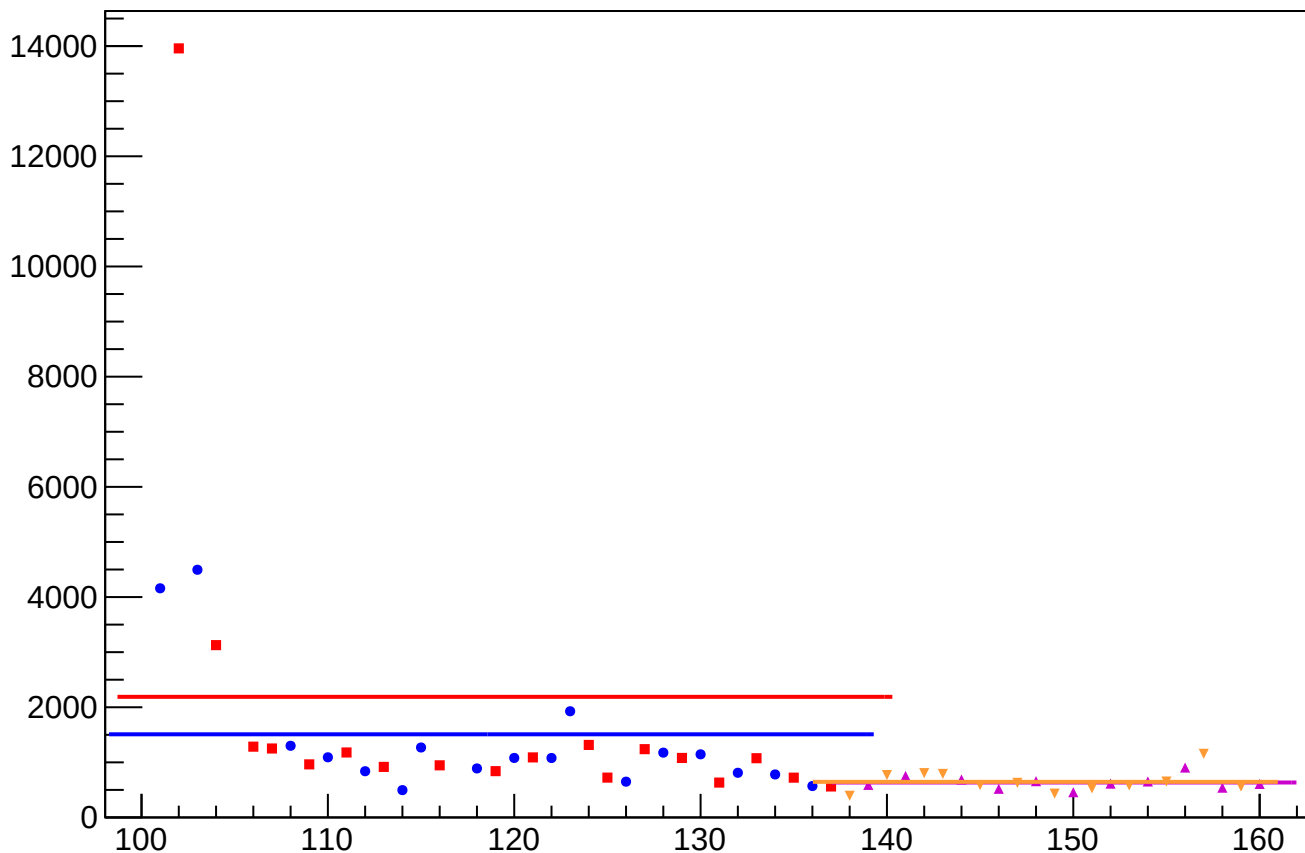
dit_atr2_coil6_mean vs Slug



Right In: -4266.932+/-0.000	χ^2/NDF : 25403959108162984315551486343624496513024.0/16
Left Out: -5623.118+/-0.000	χ^2/NDF : 1581209031874296874377039249105372577792.0/11
Right Out: -3985.866+/-0.000	χ^2/NDF : 31378292211366162940134938718336985333760.0/17
Left In: -5600.969+/-0.000	χ^2/NDF : 1284033803057879693677598537255558840320.0/10

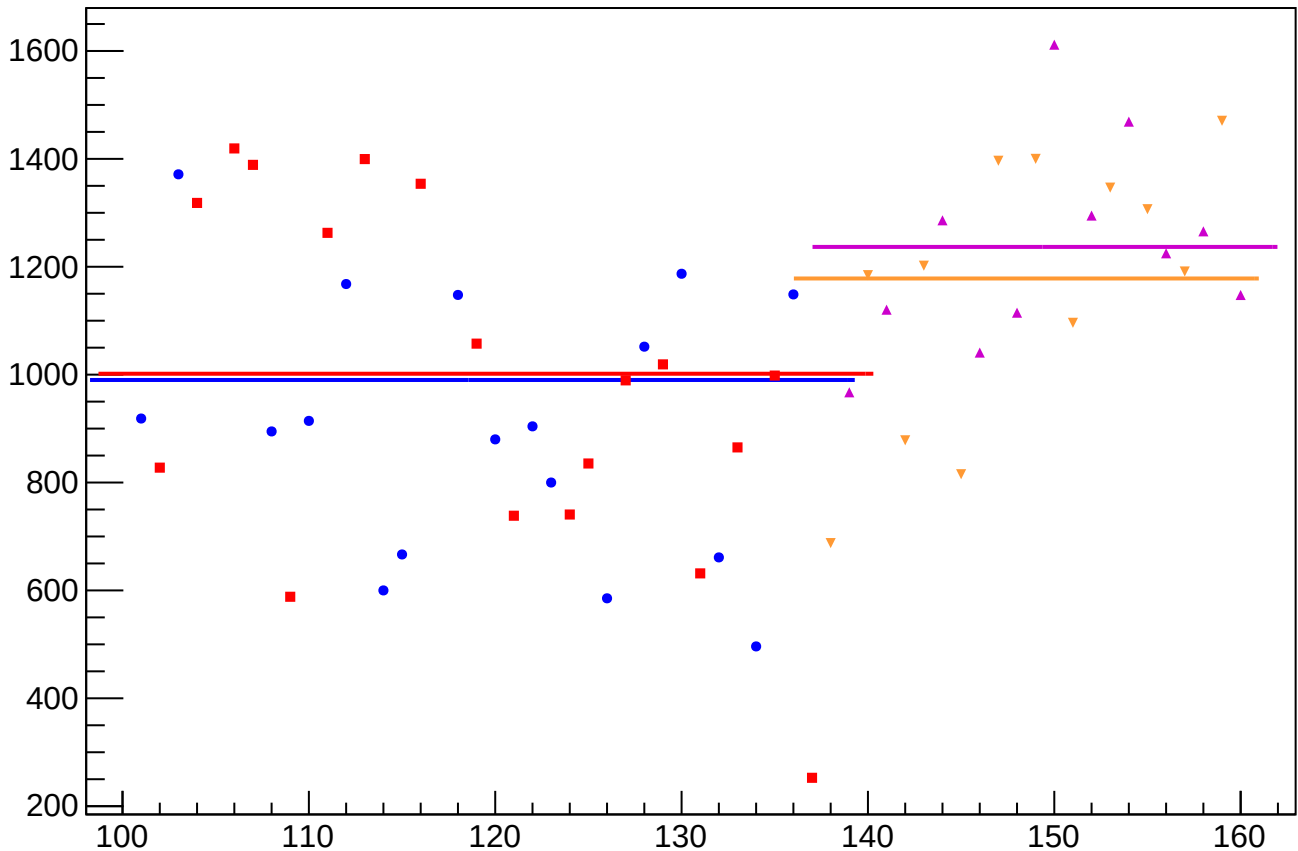
+ sign -5035.973+/-0.000 χ^2/NDF : 2770898483236
 All: -4967.168+/-0.000 χ^2/NDF : 6144220121
 - sign -4900.242+/-0.000 χ^2/NDF : 33718245922920

dit_atr2_coil6_err_mean vs Slug



Right In: 1509.121+/-0.000 χ^2/NDF : 1169972089698319936649693761541425332224.0/16
 Left Out: 646.174+/-0.000 χ^2/NDF : 34105781677425395538056373827956375552.0/11
 Right Out: 2189.301+/-0.000 χ^2/NDF : 8986539063289018670432989988372162281472.0/17
 Left In: 634.343+/-0.000 χ^2/NDF : 12312915107383873124917312703313215488.0/10

dit_atr2_coil6_Ndata_mean vs Slug



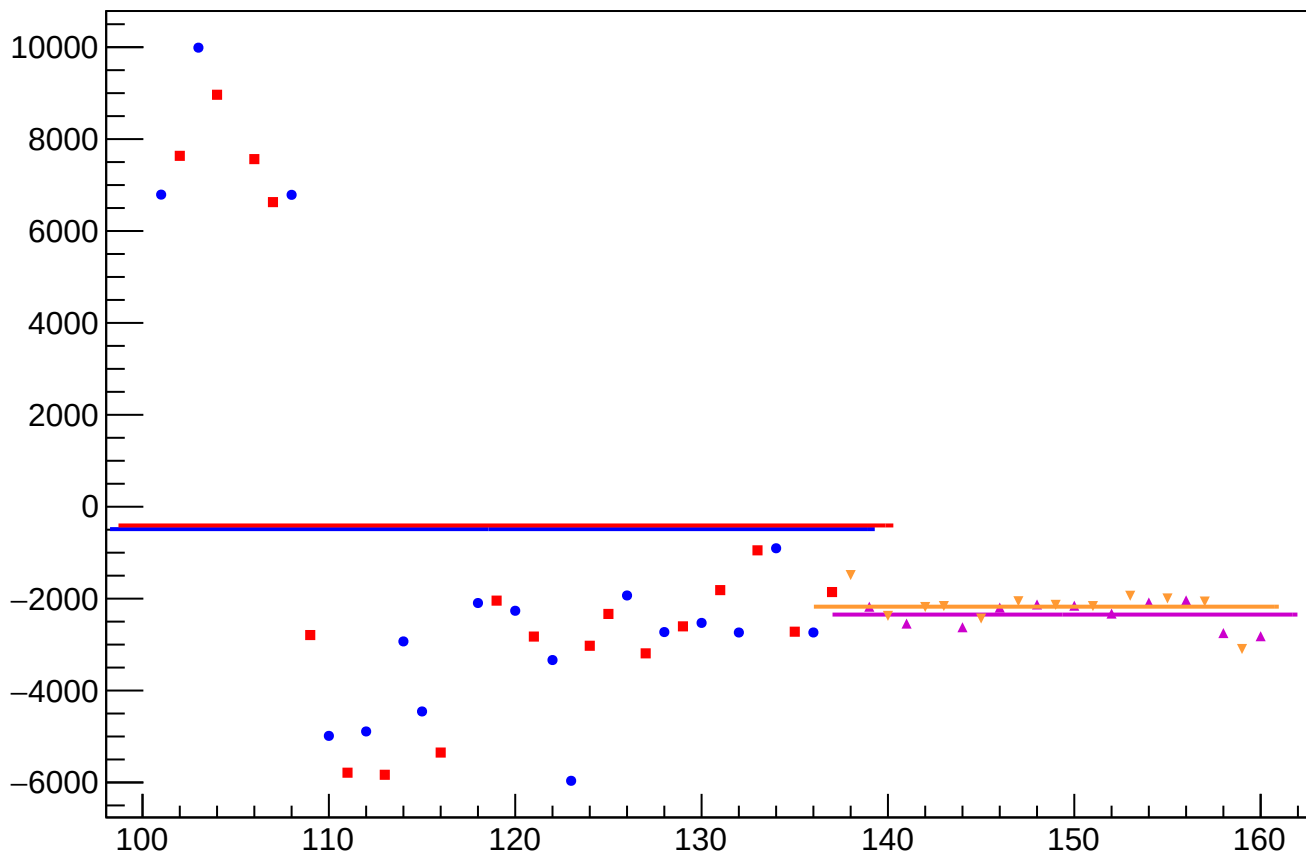
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

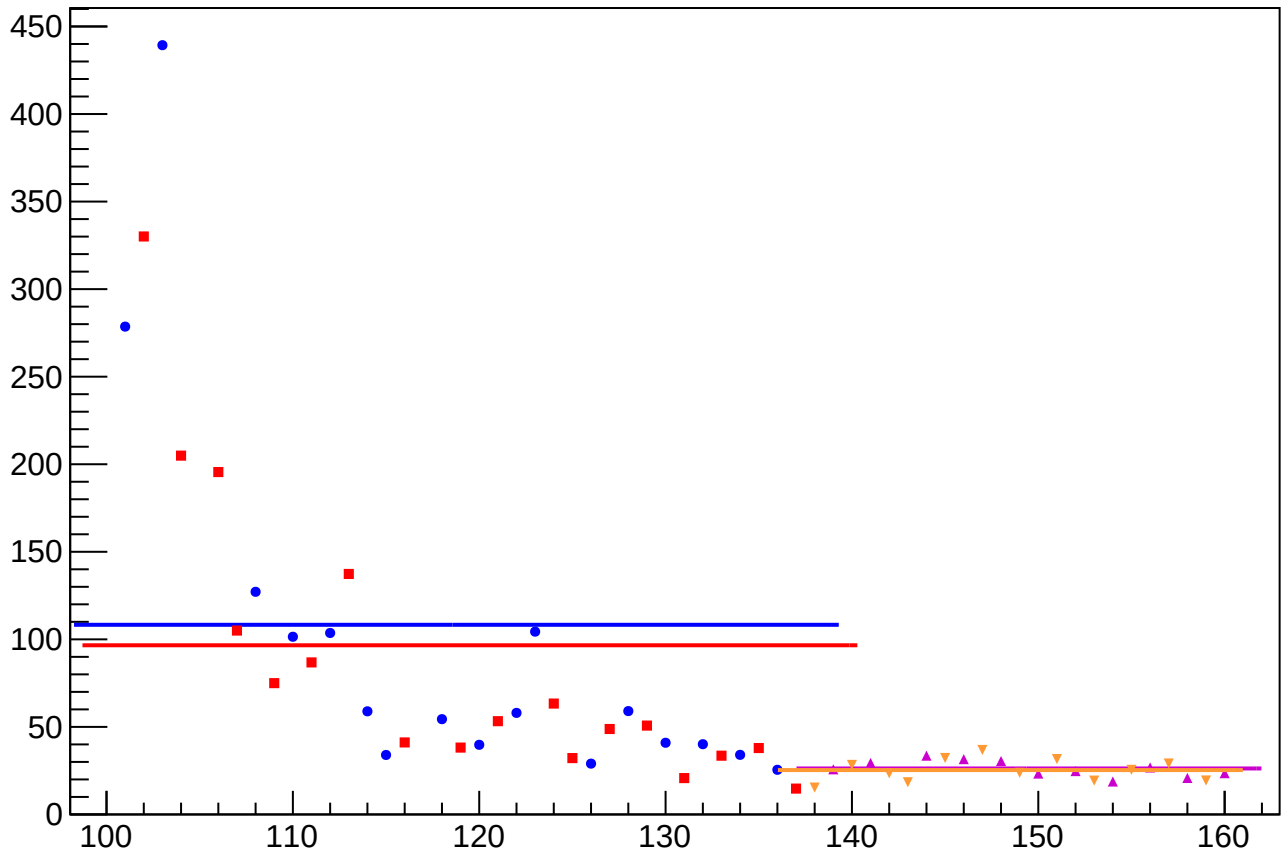
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_sam1_coil6_mean vs Slug



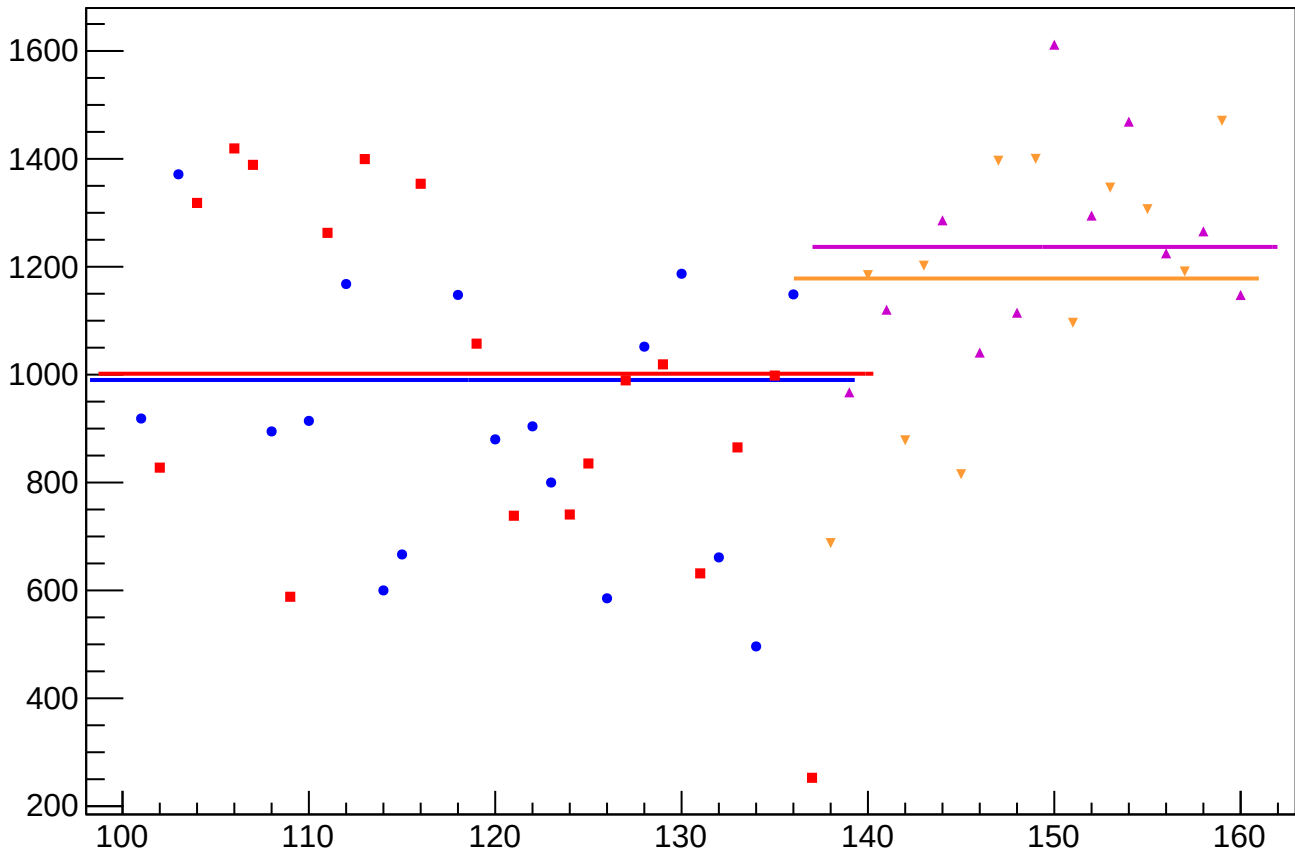
Right In: -487.313 ± 0.000 $\chi^2/\text{NDF}: 15477070218746492867636387900929916010496.0/16$
 Left Out: -2174.754 ± 0.000 $\chi^2/\text{NDF}: 122757210138541314425031010279093174272.0/11$
 Right Out: -407.637 ± 0.000 $\chi^2/\text{NDF}: 17046160329483633481850056075702270164992.0/17$
 Left In: -2346.925 ± 0.000 $\chi^2/\text{NDF}: 67169063271967630363069010620899655680.0/10$

dit_sam1_coil6_err_mean vs Slug



Right In: 108.310 $\pm$ 0.000 χ^2 /NDF: 10240592139421231918957200369451532288.0/16
 Left Out: 25.343 $\pm$ 0.000 χ^2 /NDF: 36110419999442203641332872035434496.0/11
 Right Out: 96.612 $\pm$ 0.000 χ^2 /NDF: 5525873832888071130304914389362278400.0/17
 Left In: 26.267 $\pm$ 0.000 χ^2 /NDF: 18381454665021153689982878819024896.0/10

dit_sam1_coil6_Ndata_mean vs Slug



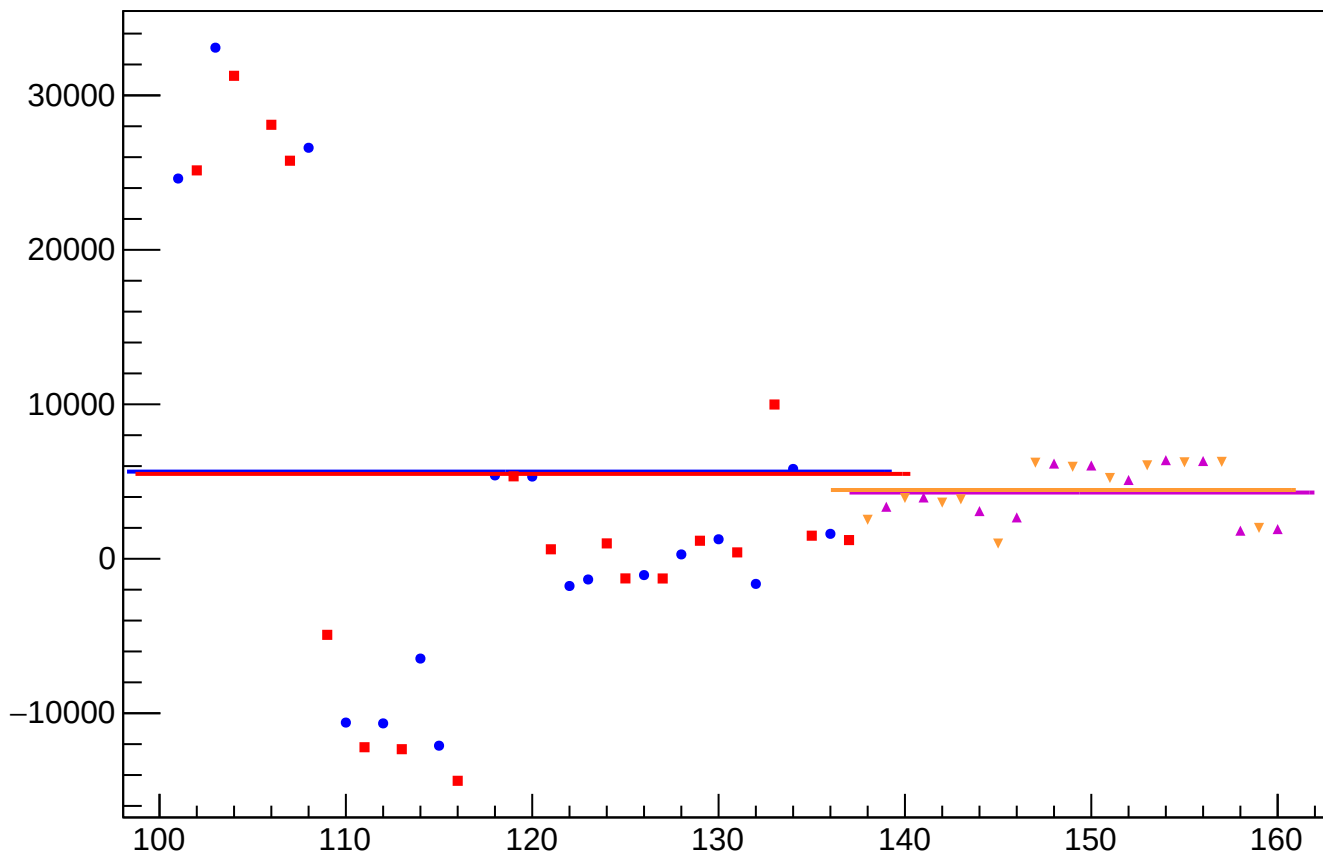
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

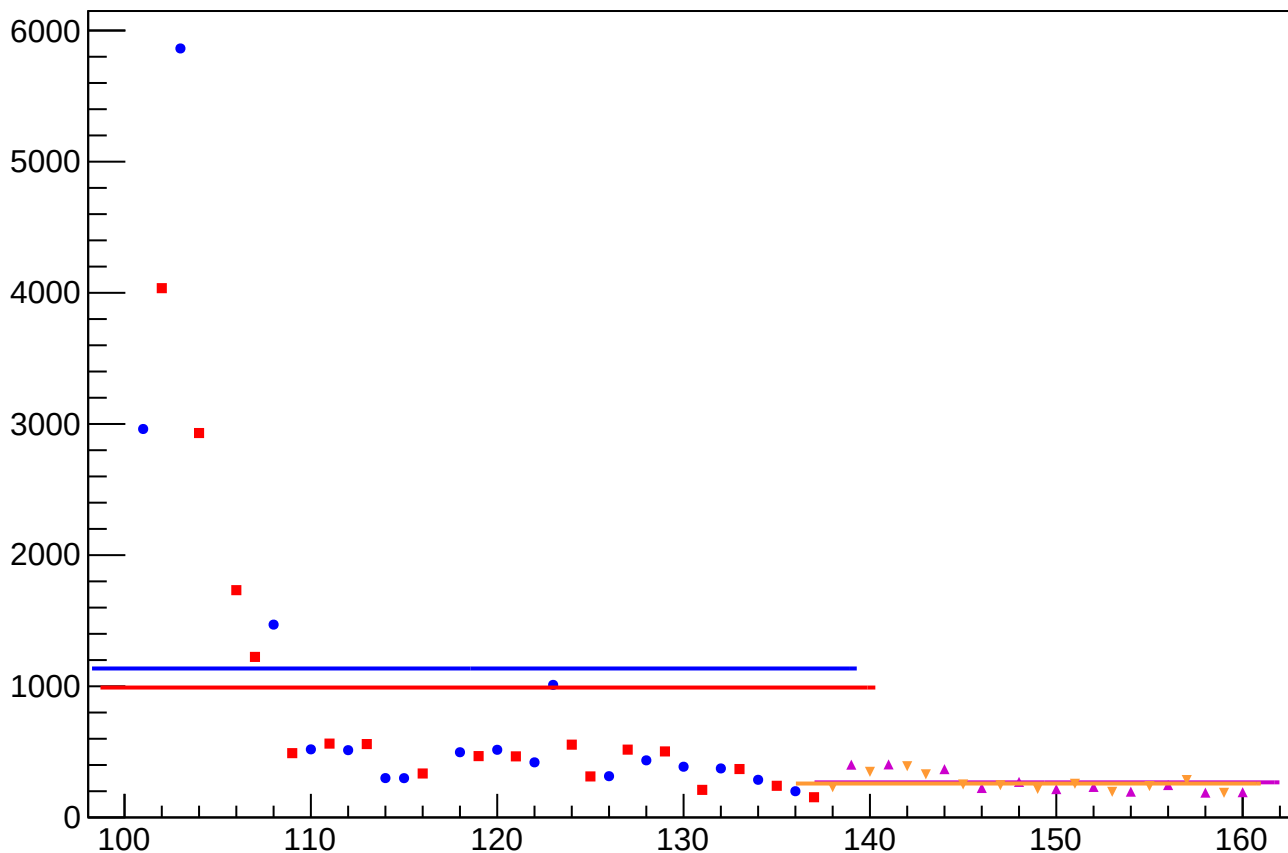
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam2_coil6_mean vs Slug



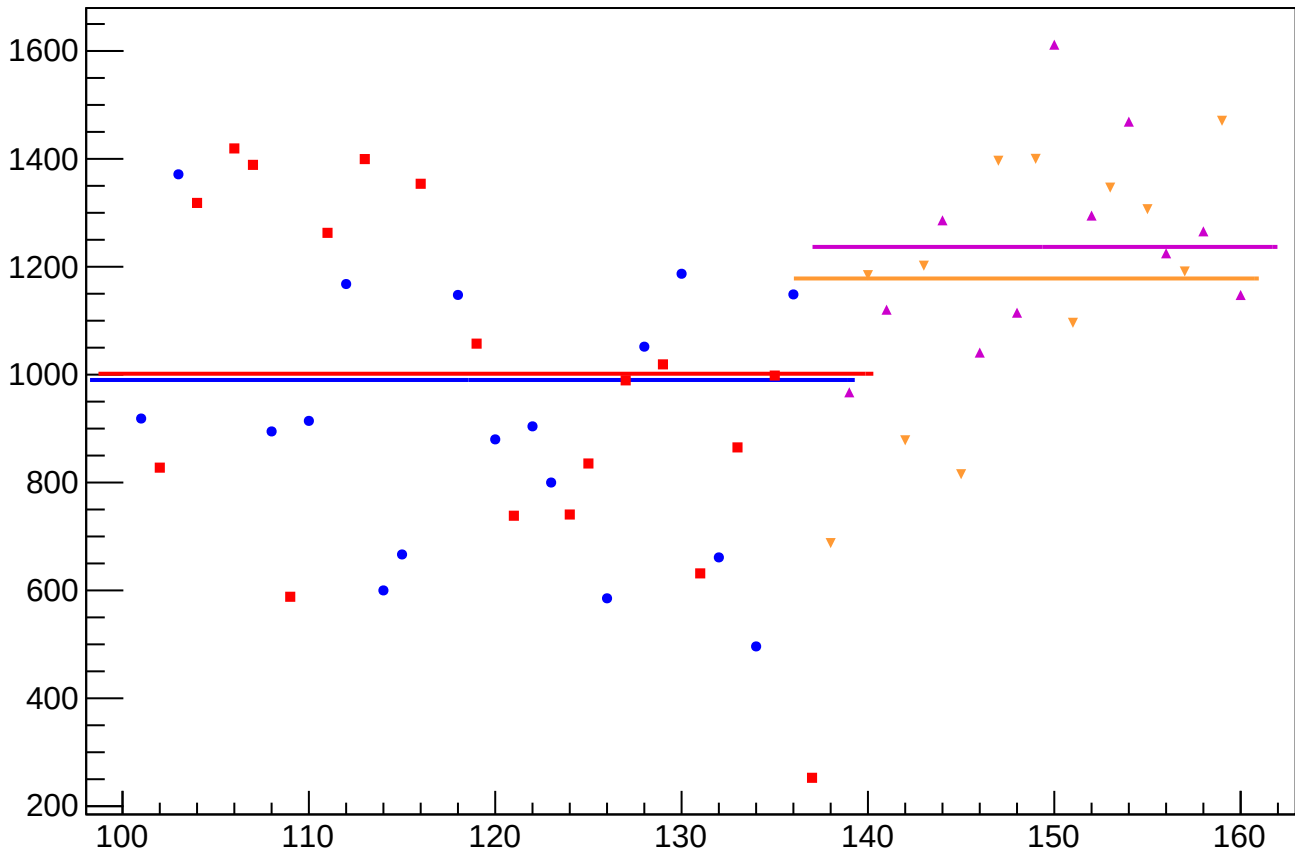
Right In: 5643.213+/-0.000 χ^2/NDF : 120843746110128548402153277612724047577088.0/16
 Left Out: 4452.458+/-0.000 χ^2/NDF : 2985929789295198919987260133715107381248.0/11
 Right Out: 5495.452+/-0.000 χ^2/NDF : 139584988563962510194230278268369577705472.0/17
 Left In: 4288.058+/-0.000 χ^2/NDF : 2735636712385094187455165788777797910528.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1135.811+/-0.000 χ^2/NDF : 1824005819812756990146951558918737756160.0/16
 Left Out: 258.670+/-0.000 χ^2/NDF : 2829286833241859007622586413730496512.0/11
 Right Out: 990.520+/-0.000 χ^2/NDF : 932180516409120093653543317868461948928.0/17
 Left In: 267.701+/-0.000 χ^2/NDF : 5915399599612443264375094627914481664.0/10

dit_sam2_coil6_Ndata_mean vs Slug



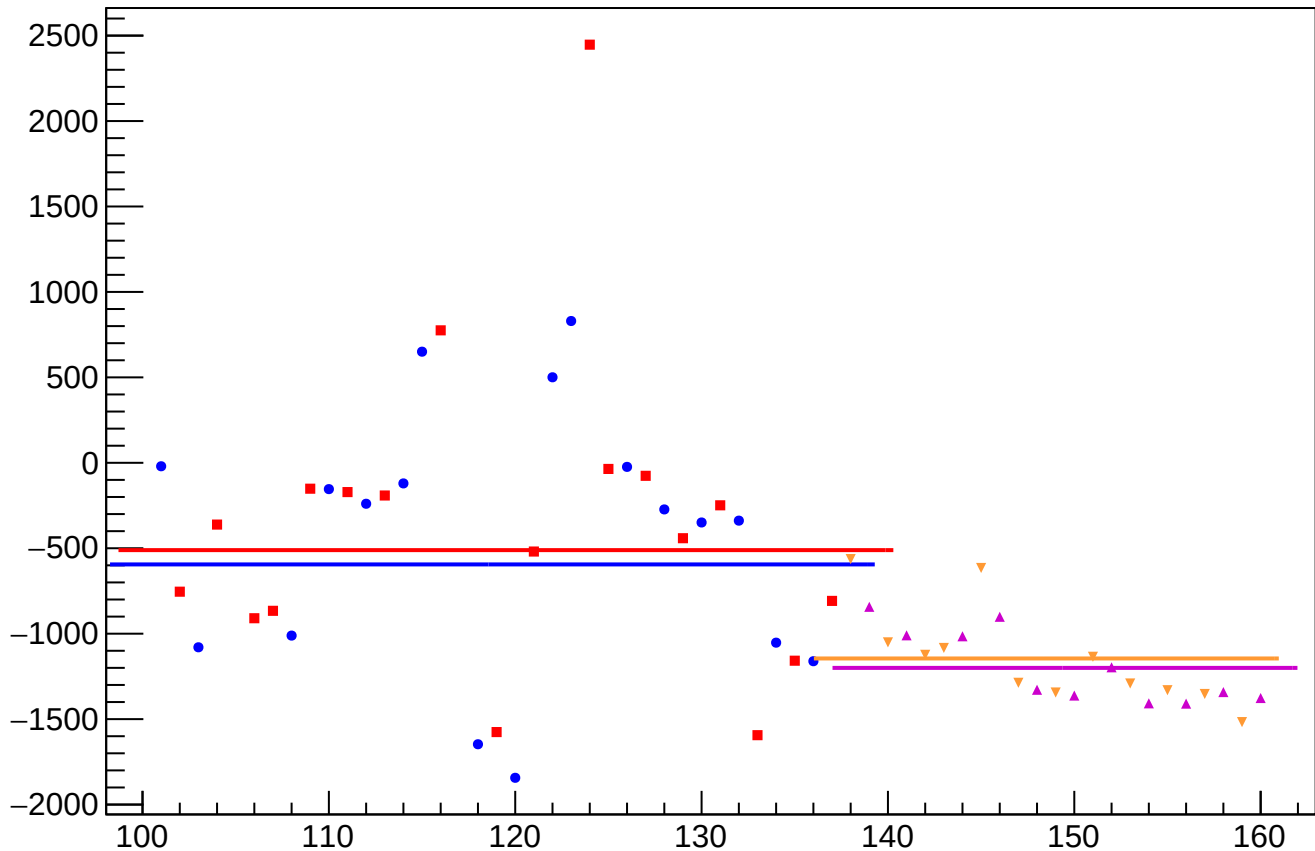
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

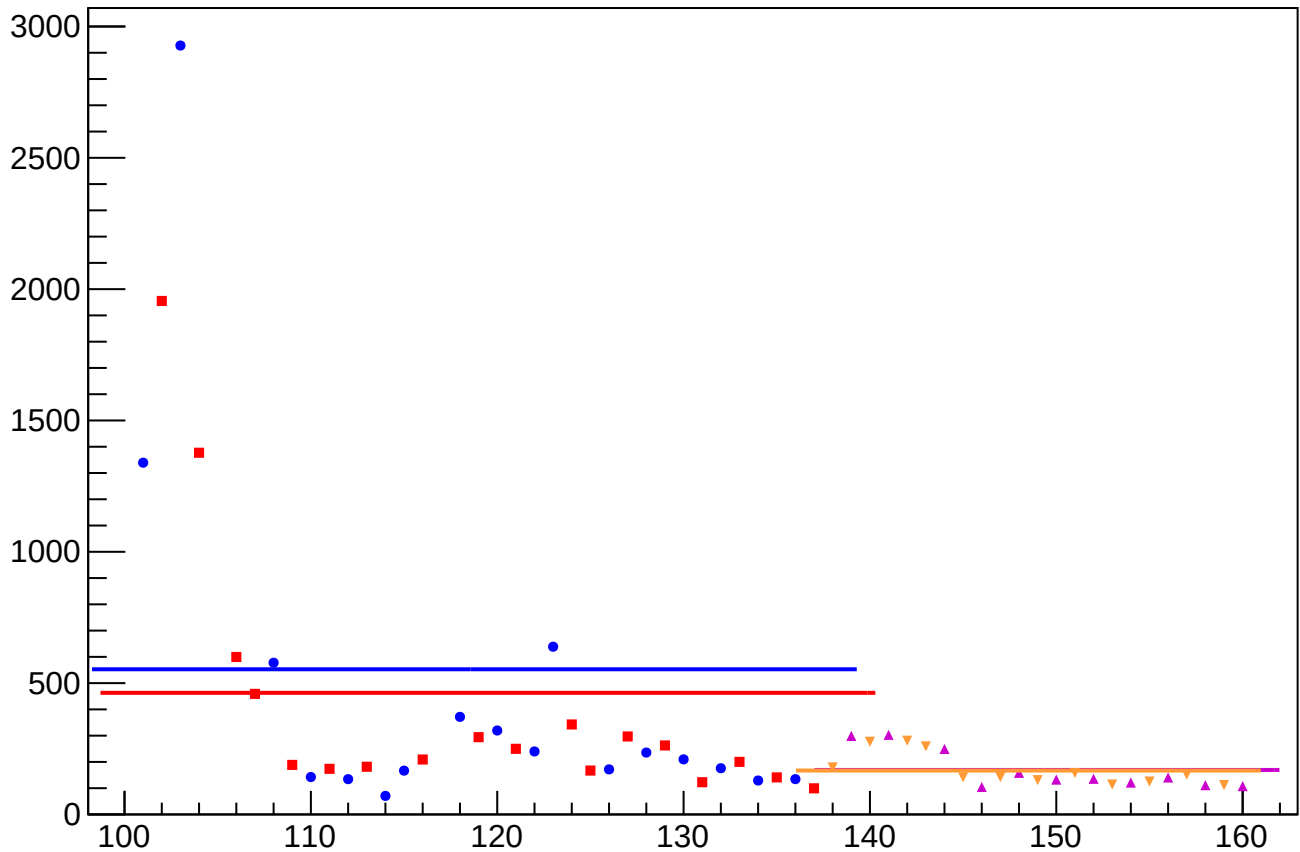
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam3_coil6_mean vs Slug



Right In: -594.642+/-0.000 χ^2/NDF : 301185427986157798818990027839559958528.0/16
 Left Out: -1145.023+/-0.000 χ^2/NDF : 73058158331350430415583816889325846528.0/11
 Right Out: -510.991+/-0.000 χ^2/NDF : 345692362052681149269006983787007967232.0/17
 Left In: -1200.159+/-0.000 χ^2/NDF : 39206754972923098015710381582583857152.0/10

dit_sam3_coil6_err_mean vs Slug



Right In: 552.756+/-0.000 χ^2/NDF : 438588904166490483585471990950715719680.0/16

Left Out: 167.275+/-0.000 χ^2/NDF : 3021189019464897046042040078702739456.0/11

Right Out: 463.044+/-0.000 χ^2/NDF : 209305475229629435748794855521804877824.0/17

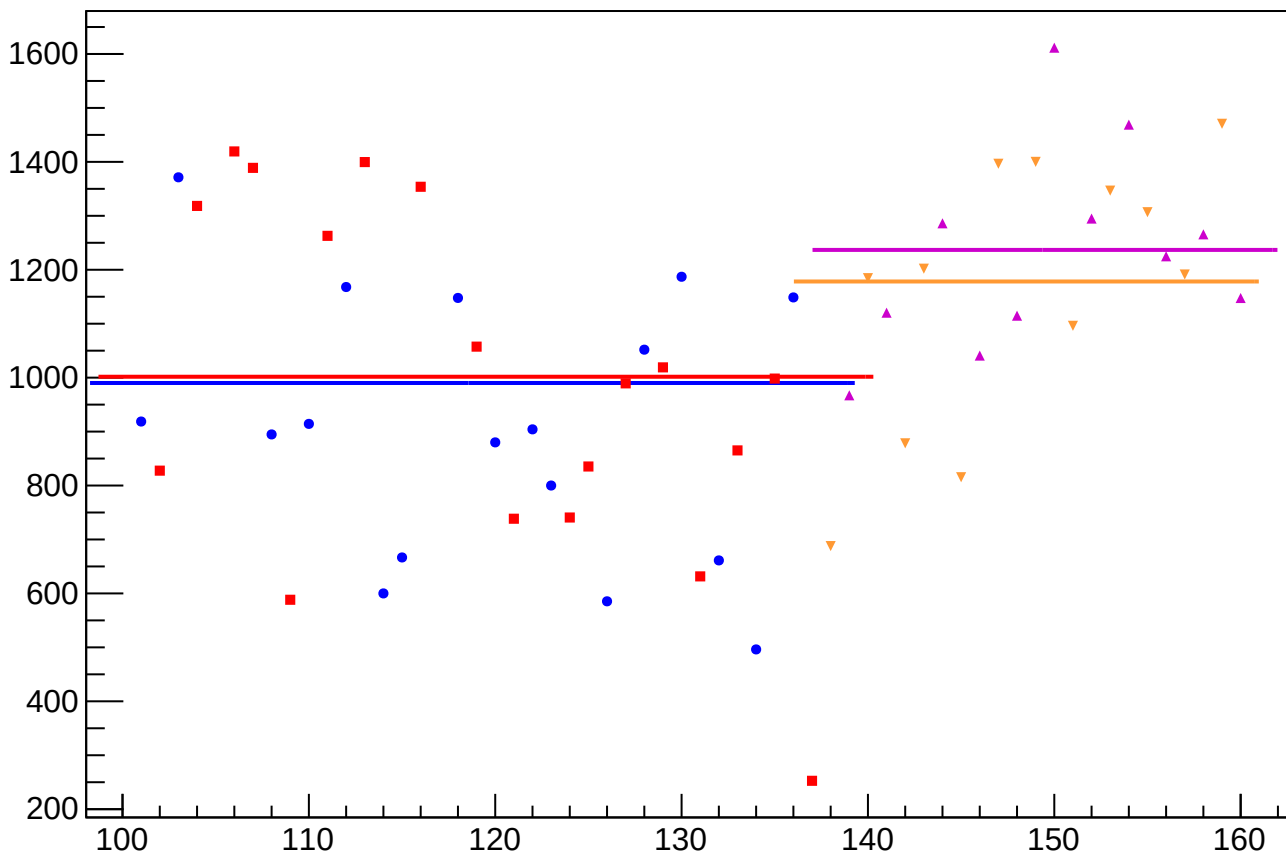
Left In: 169.476+/-0.000 χ^2/NDF : 4886350669326169514376198750149279744.0/10

+ sign 334.164+/-0.000 χ^2/NDF : 500088527785201

All: 315.246+/-0.000 χ^2/NDF : 75029797735

- sign 296.843+/-0.000 χ^2/NDF : 249077639049924

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

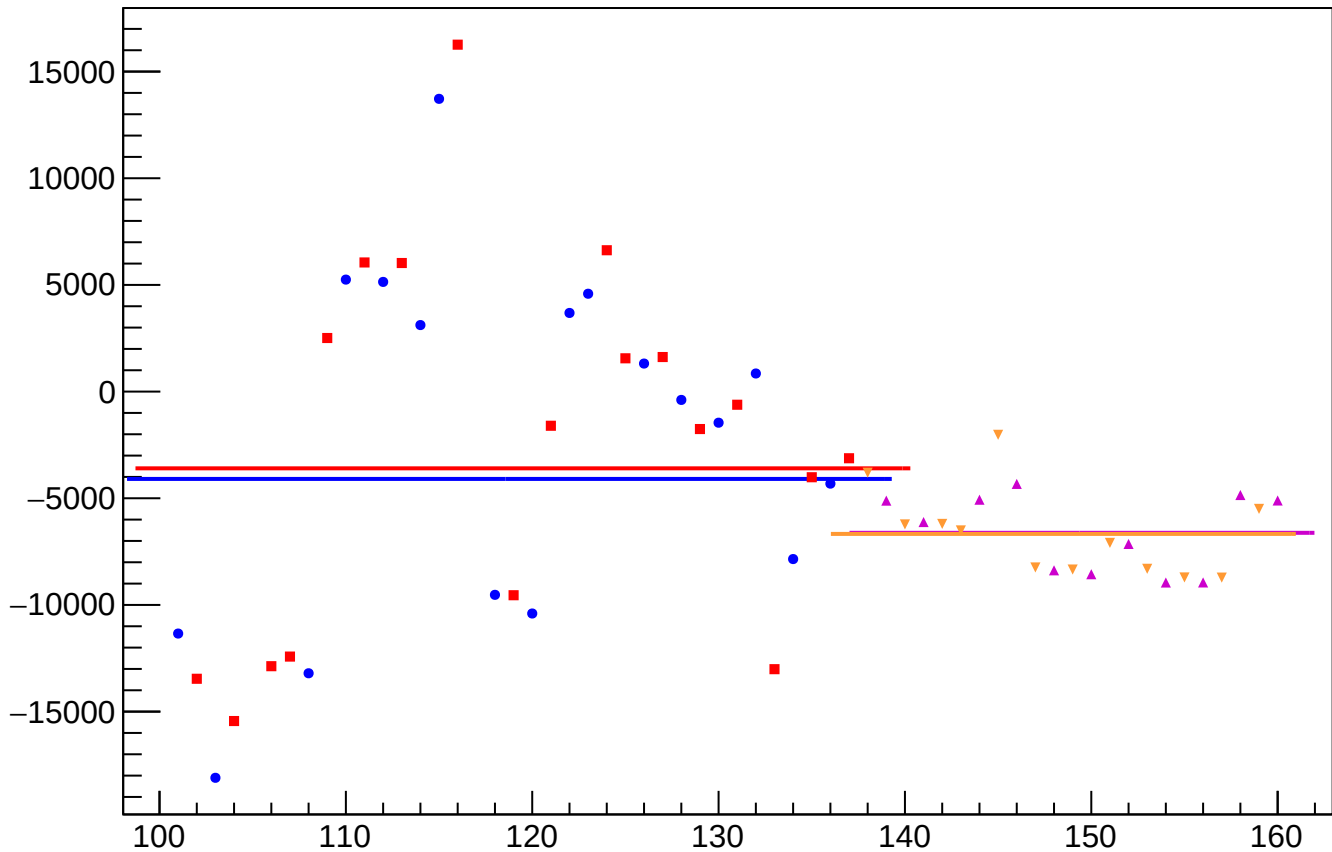
Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

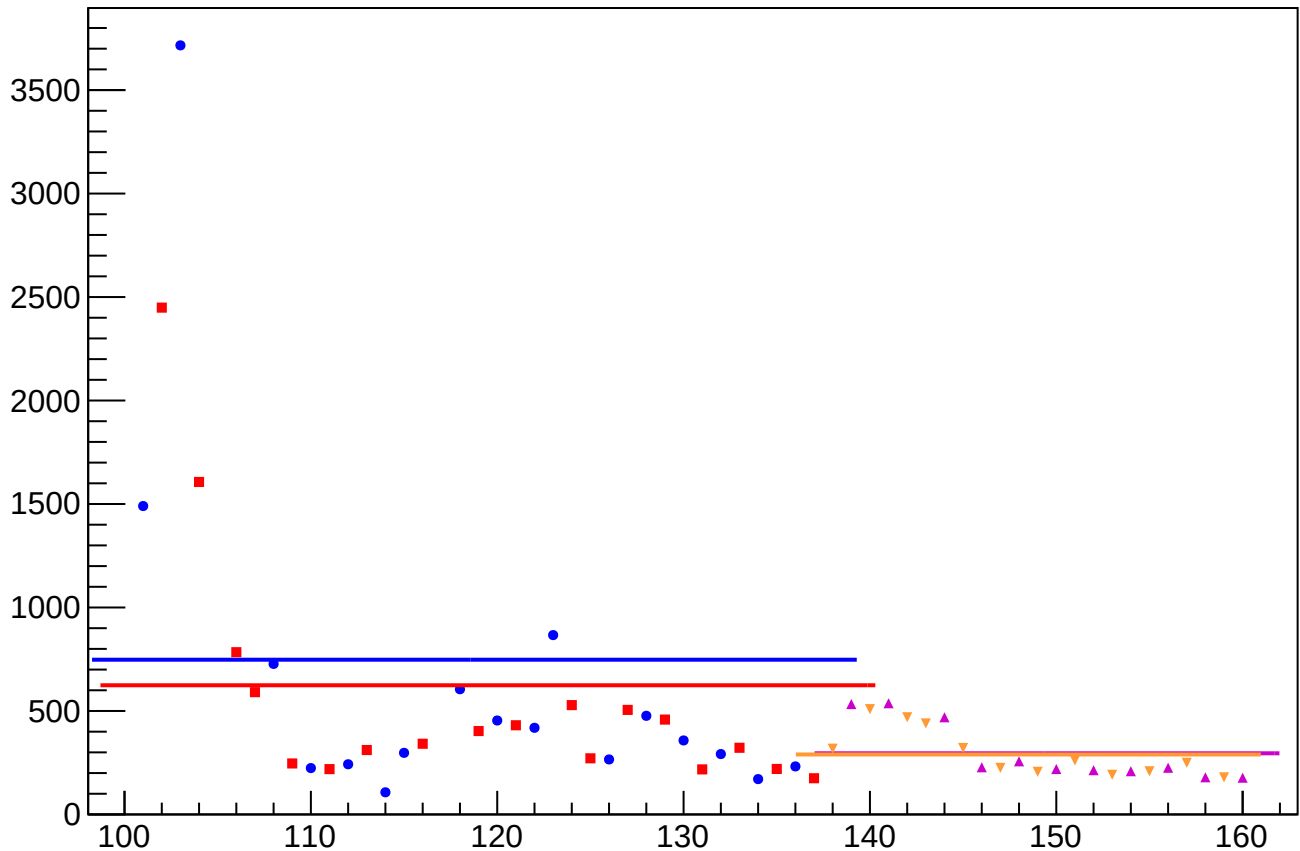
All: 1116.055+/-0.000 χ^2/NDF : 21820107896

dit_sam4_coil6_mean vs Slug



Right In: -4093.788 ± 0.000 $\chi^2/\text{NDF}: 38878868284472308051396307871868318121984.0/16$
 Left Out: -6670.950 ± 0.000 $\chi^2/\text{NDF}: 3774906693530884073018019224850138136576.0/11$
 Right Out: -3597.313 ± 0.000 $\chi^2/\text{NDF}: 48617231317968827835072936626093341802496.0/17$
 Left In: -6619.709 ± 0.000 $\chi^2/\text{NDF}: 2843164619719300530559319168458248159232.0/10$

dit_sam4_coil6_err_mean vs Slug



Right In: 747.700 +/- 0.000 χ^2/NDF : 650932937994369219214435777270989717504.0/16

Left Out: 289.811 +/- 0.000 χ^2/NDF : 10481549601194900606923730784744374272.0/11

Right Out: 624.223 +/- 0.000 χ^2/NDF : 296243096292052743688943276873819881472.0/17

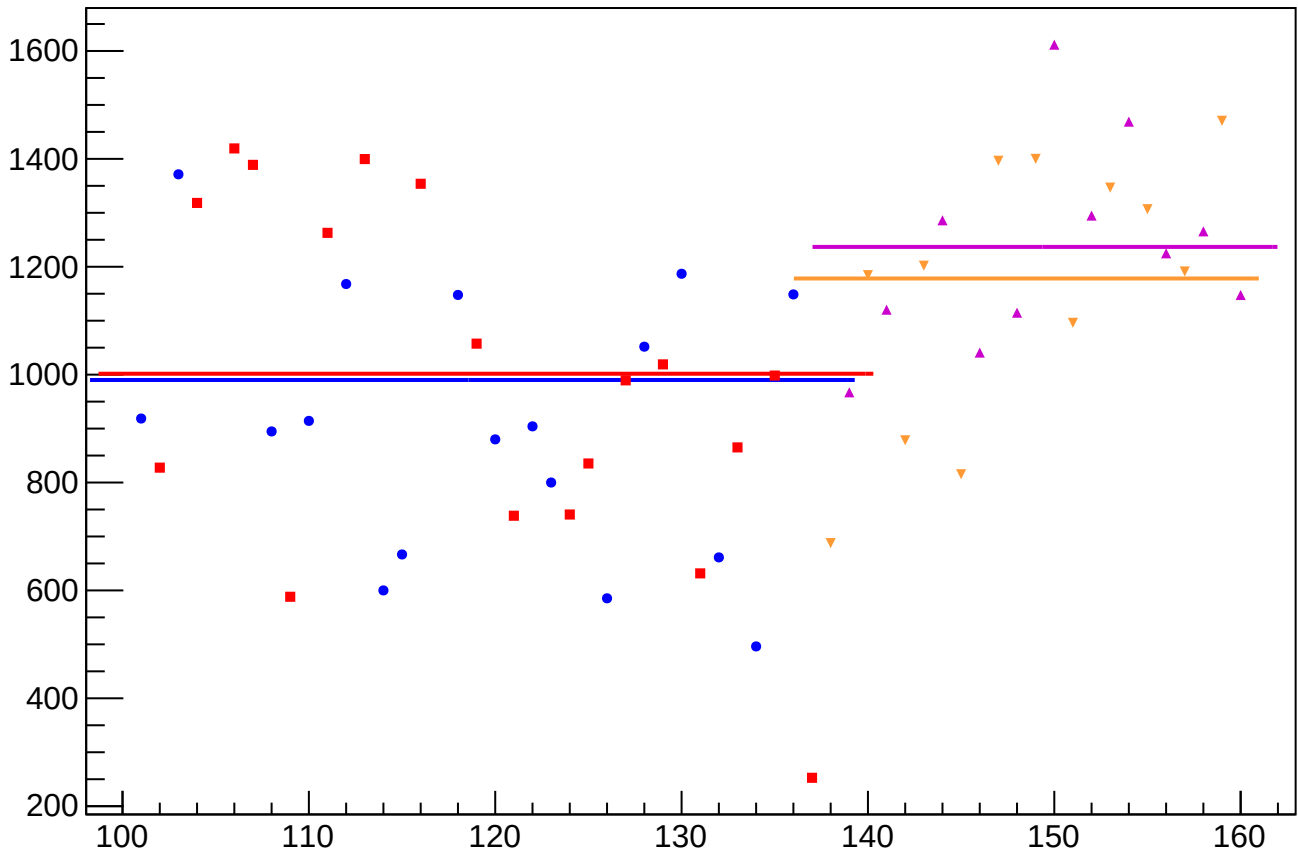
Left In: 295.493 +/- 0.000 χ^2/NDF : 17160133140926555155362591865869172736.0/10

+ sign 488.049 +/- 0.000 χ^2/NDF : 743925054327055

All: 462.736 +/- 0.000 χ^2/NDF : 110309762248

- sign 438.116 +/- 0.000 χ^2/NDF : 357146521032706

dit_sam4_coil6_Ndata_mean vs Slug



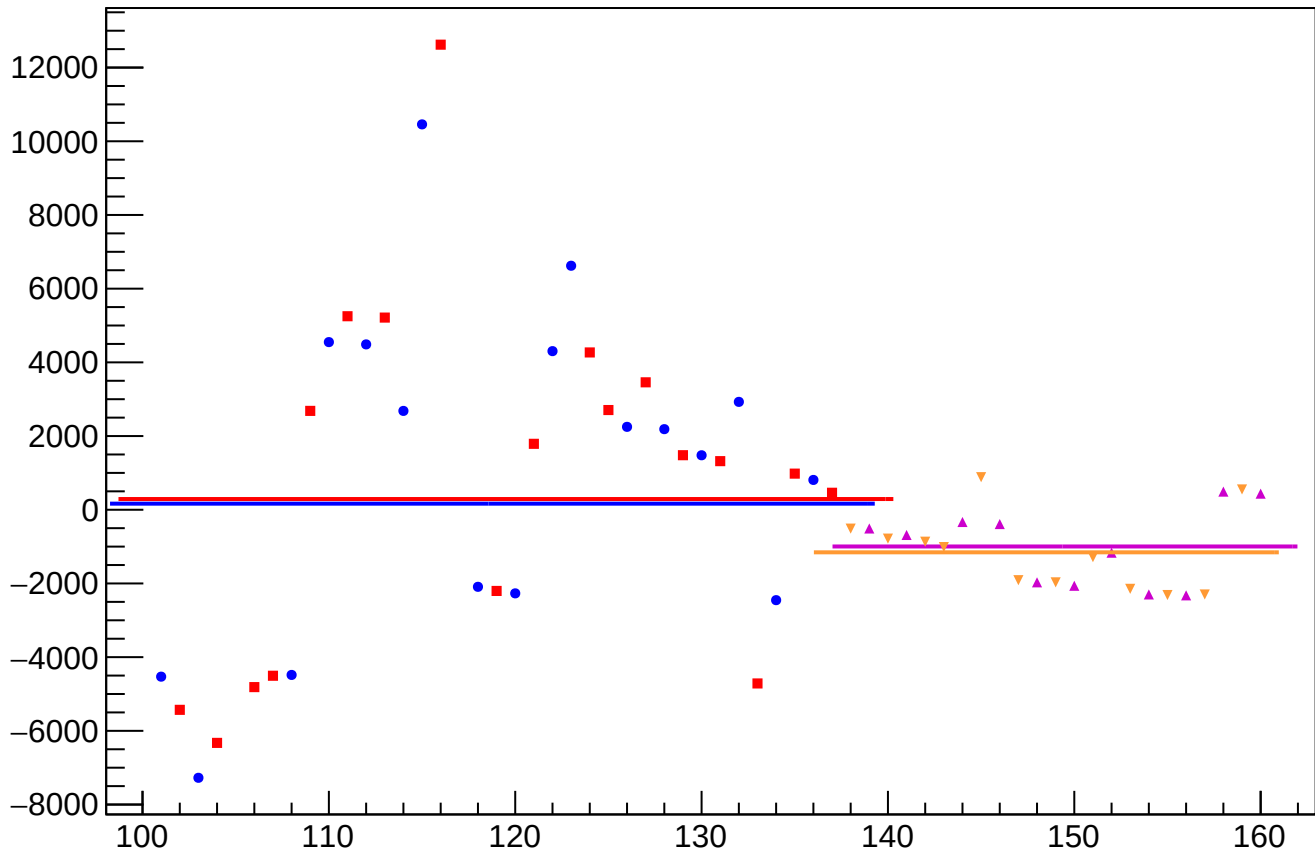
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

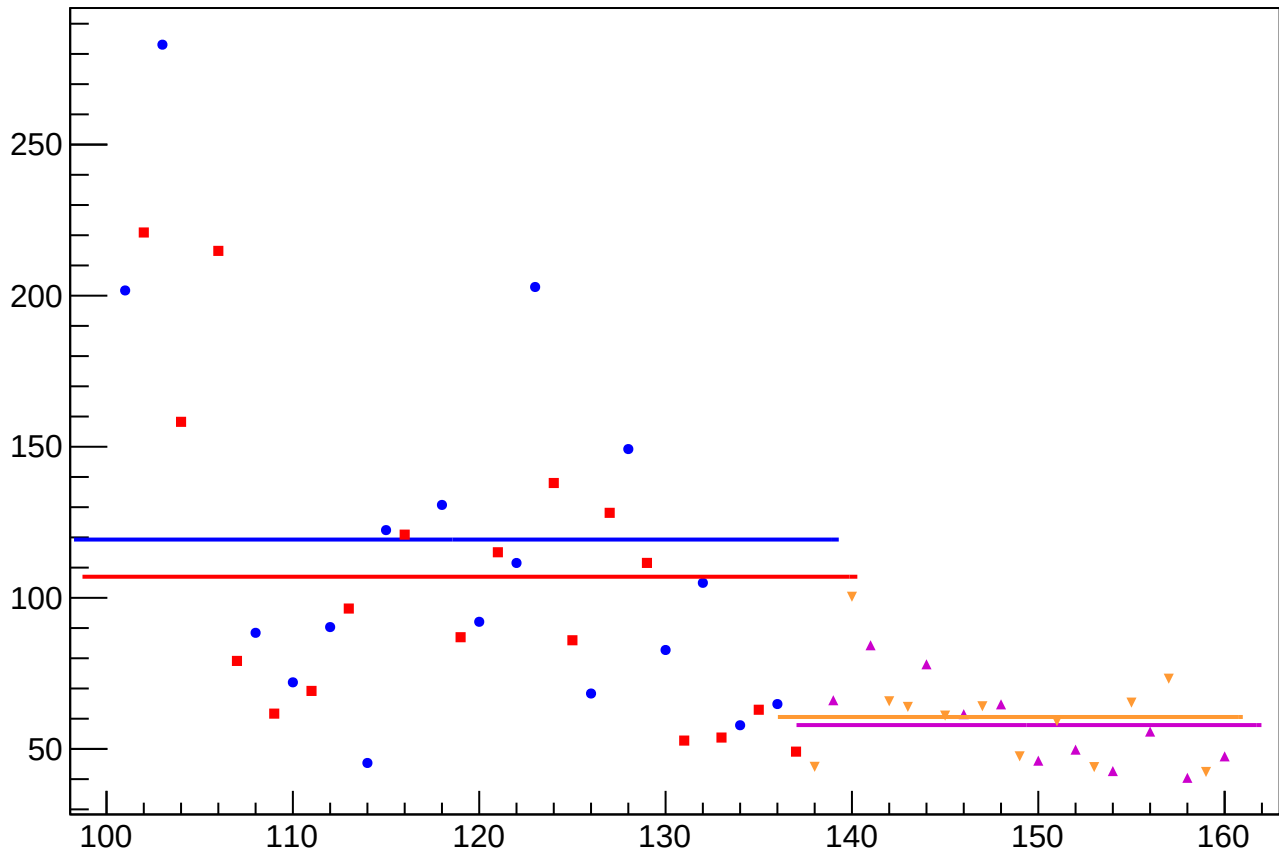
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam5_coil6_mean vs Slug



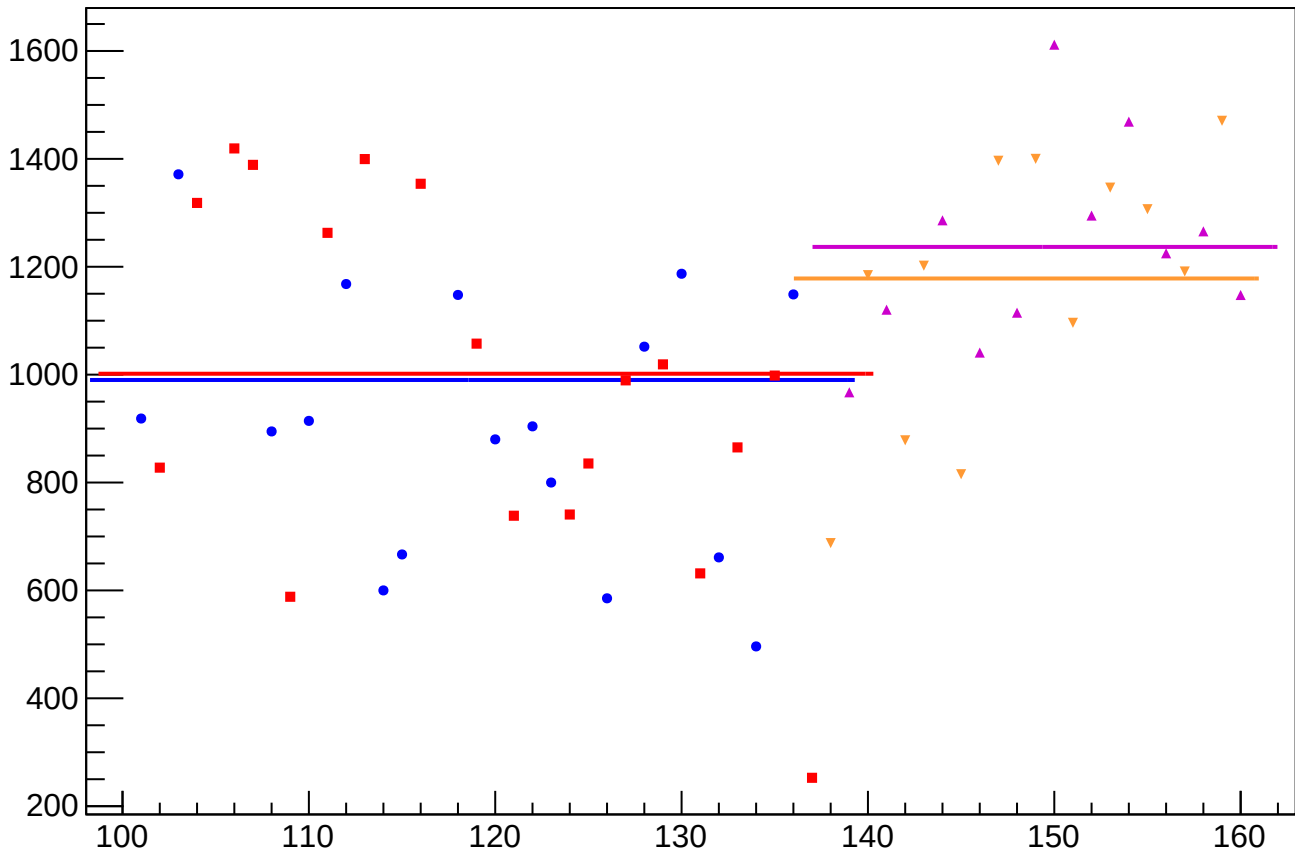
Right In: 165.547+/-0.000 χ^2/NDF : 10658450336306933403777351351390508679168.0/16
 Left Out: -1155.357+/-0.000 χ^2/NDF : 995504747952866911387640526565778915328.0/11
 Right Out: 291.015+/-0.000 χ^2/NDF : 14672571981967891714112032575724497928192.0/17
 Left In: -996.521+/-0.000 χ^2/NDF : 924719212965830410136097105357987381248.0/10

dit_sam5_coil6_err_mean vs Slug



Right In: 119.288+/-0.000 χ^2/NDF : 2842654207411905514935251828991852544.0/16
 Left Out: 60.571+/-0.000 χ^2/NDF : 23198208438530446830781999200442776.0/11
 Right Out: 106.986+/-0.000 χ^2/NDF : 1915046958698396013008025410372370432.0/17
 Left In: 57.892+/-0.000 χ^2/NDF : 178748203070353408993612338219188224.0/10

dit_sam5_coil6_Ndata_mean vs Slug



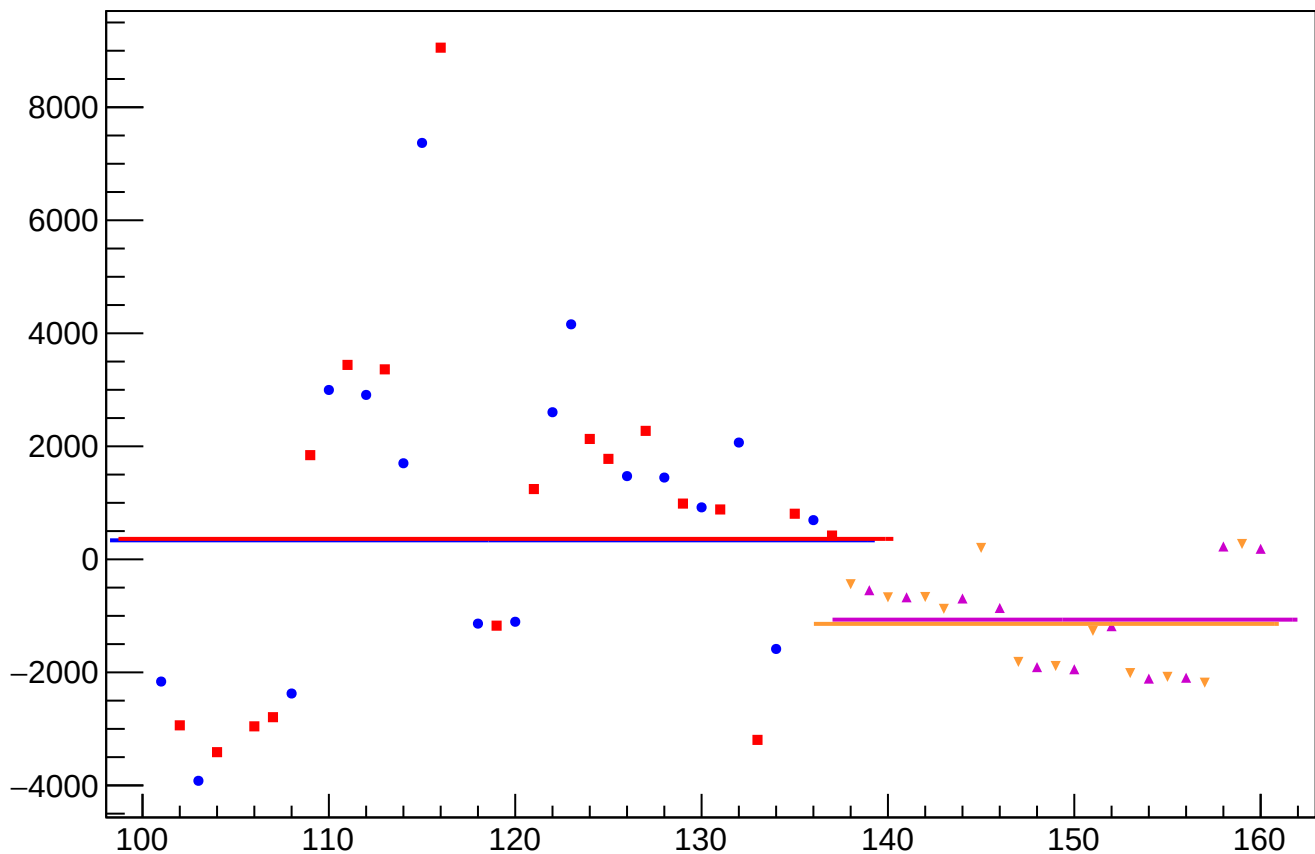
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

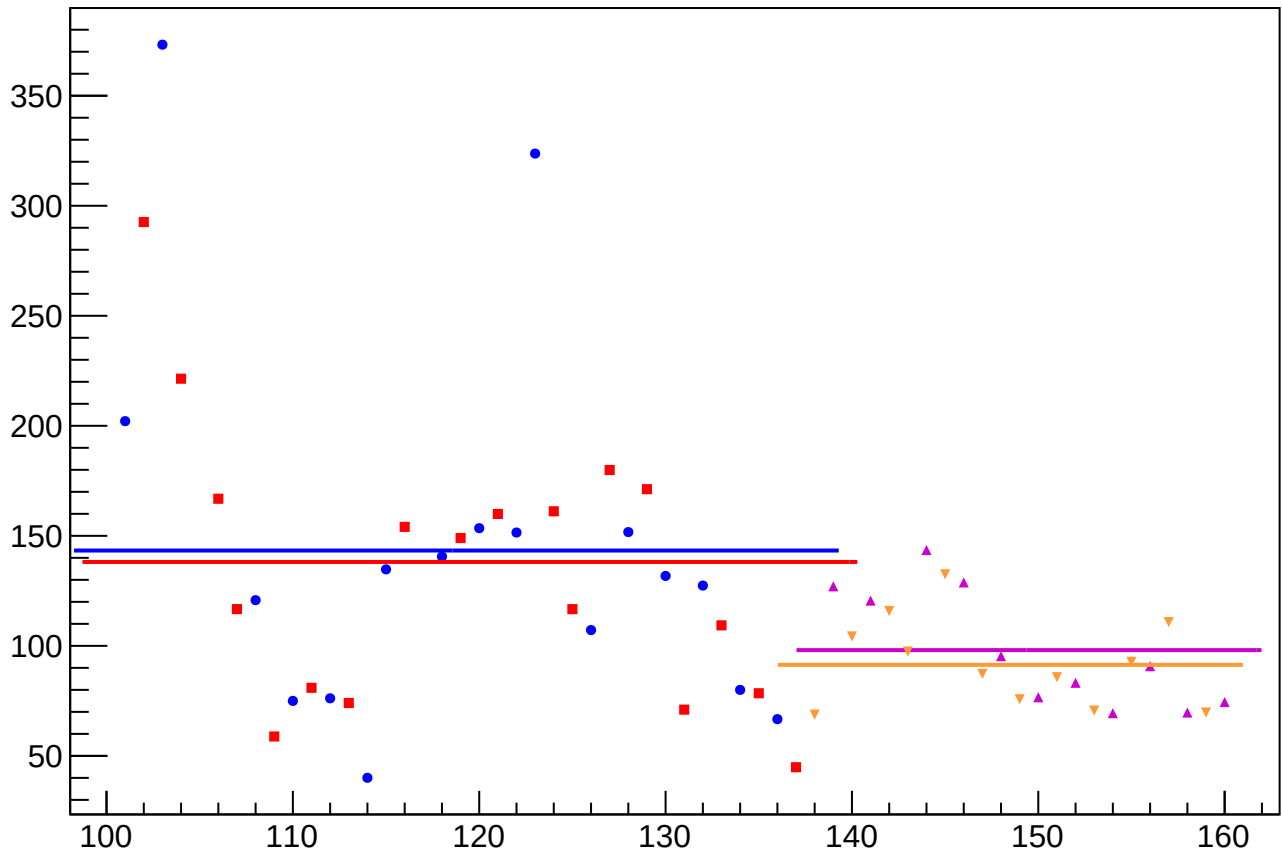
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam6_coil6_mean vs Slug



Right In: 336.537+/-0.000 χ^2/NDF : 3711385432707324073014239747985928880128.0/16
 Left Out: -1141.700+/-0.000 χ^2/NDF : 670526328034965940264034289134346436608.0/11
 Right Out: 362.052+/-0.000 χ^2/NDF : 5966784958004941474881704867040847724544.0/17
 Left In: -1067.159+/-0.000 χ^2/NDF : 629450133544261438998185081673399402496.0/10

dit_sam6_coil6_err_mean vs Slug



Right In: 143.327+/-0.000 χ^2/NDF : 4671526487507242419296658853814337536.0/16

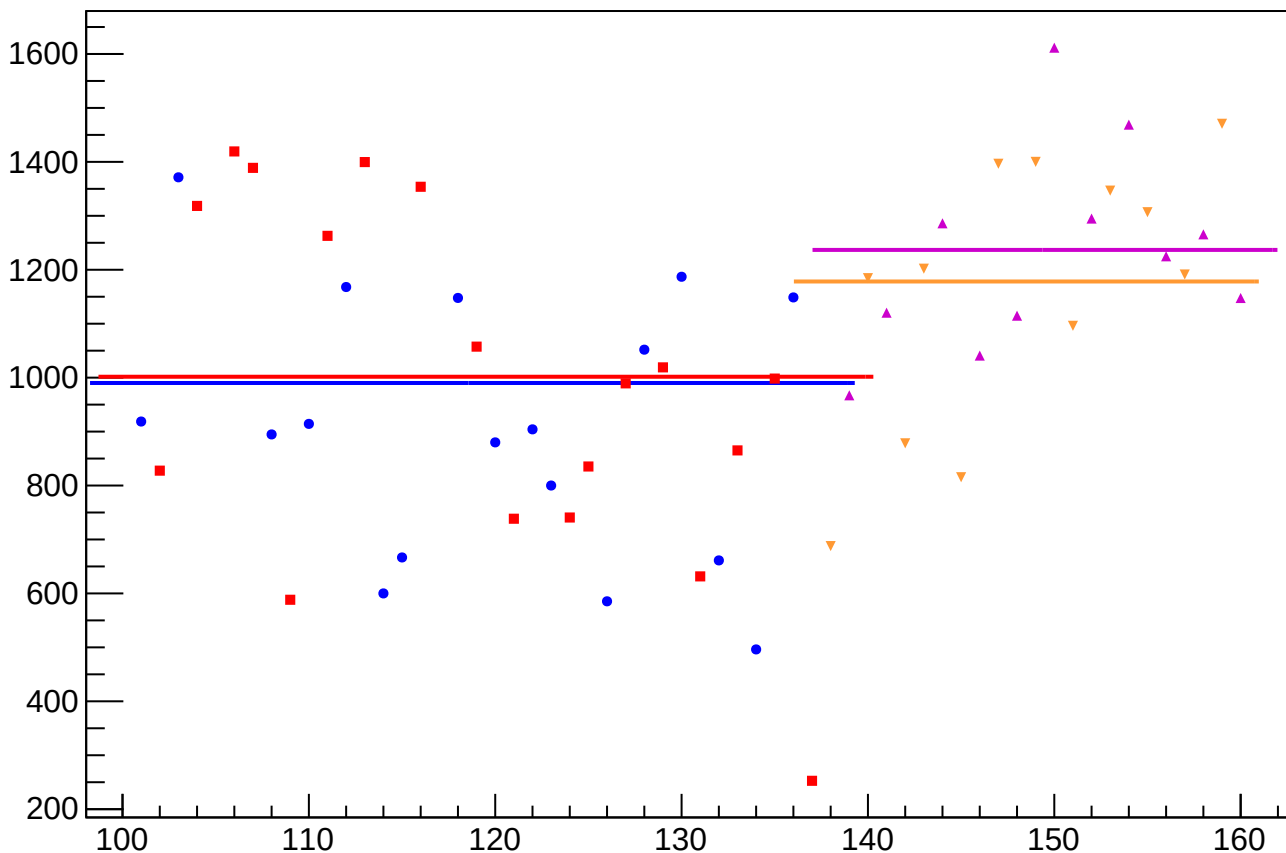
Left Out: 91.381+/-0.000 χ^2/NDF : 342224682721014507534258785086341120.0/11

Right Out: 138.133+/-0.000 χ^2/NDF : 3152322250150098804756661412355375104.0/17

Left In: 98.068+/-0.000 χ^2/NDF : 624217570941141558165697948106620928.0/10

All: 114.672+/-0.000 χ^2/NDF : 105039923039

dit_sam6_coil6_Ndata_mean vs Slug



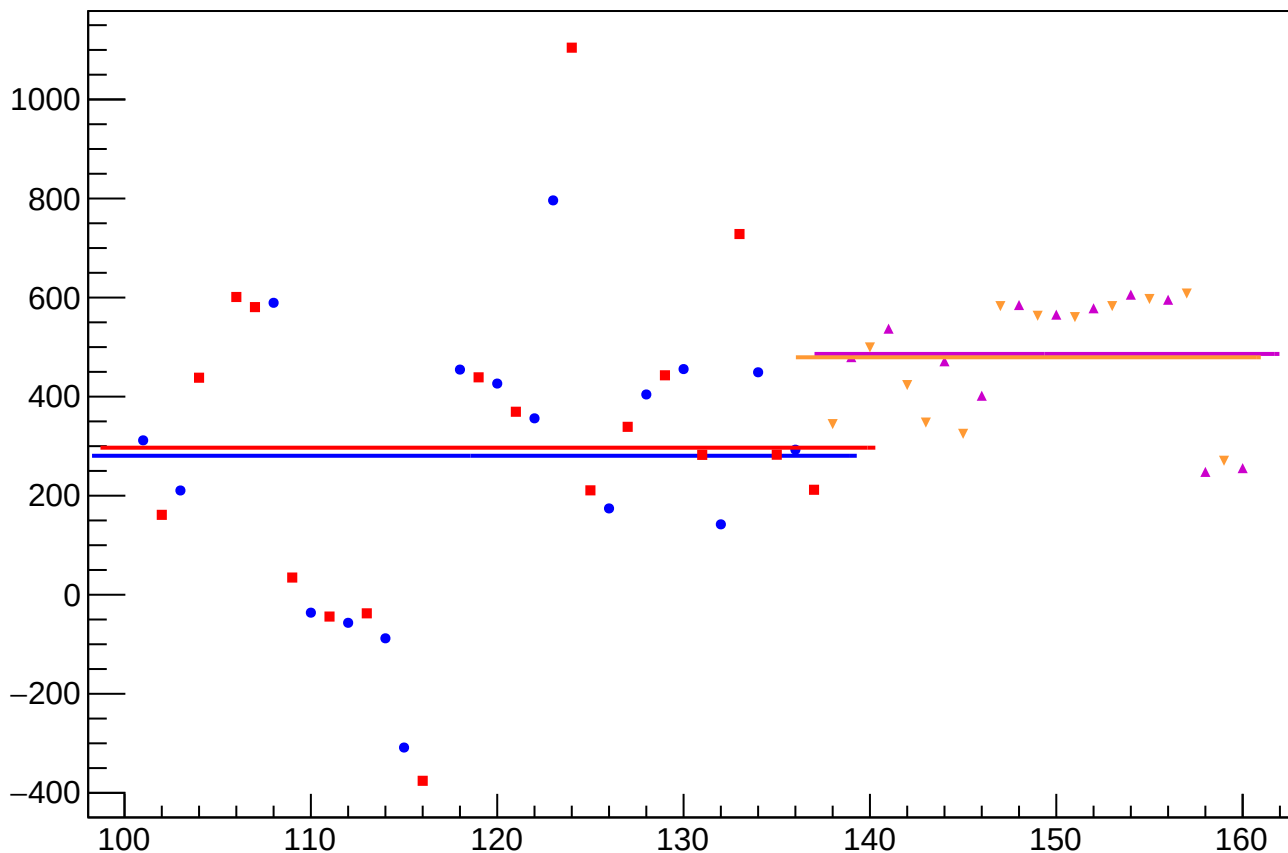
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam7_coil6_mean vs Slug



Right In: 280.587+/-0.000 χ^2/NDF : 26873653578381248944514799501999865856.0/16

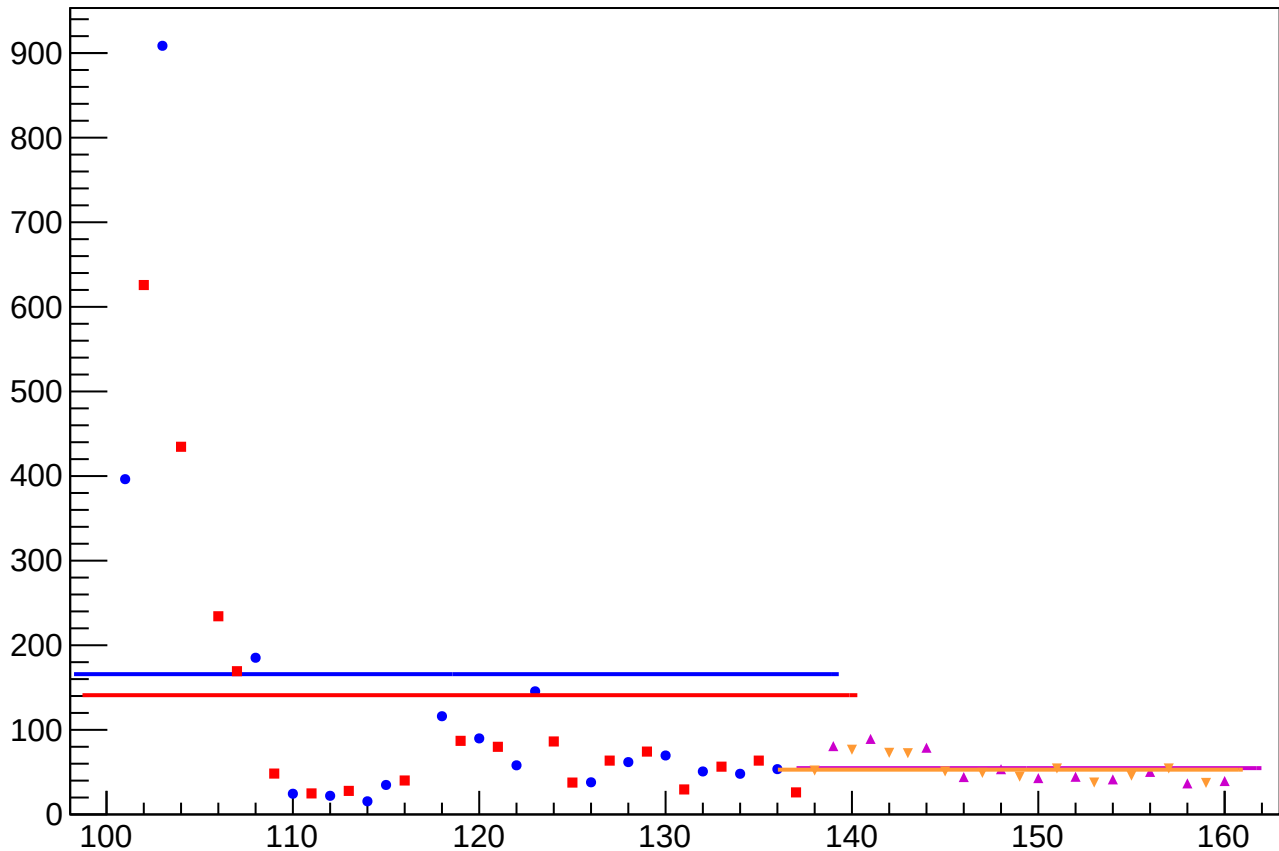
Left Out: 479.418+/-0.000 χ^2/NDF : 13285124498180385816264889724787752960.0/11

Right Out: 296.905+/-0.000 χ^2/NDF : 53152105752477344290303829793952497664.0/17

Left In: 486.206+/-0.000 χ^2/NDF : 14204620343976110093613729776425500672.0/10

All: 398.780+/-0.000 χ^2/NDF : 137672893429

dit_sam7_coil6_err_mean vs Slug



Right In: 165.841+/-0.000 χ^2/NDF : 42388910284637758892134233675562745856.0/16

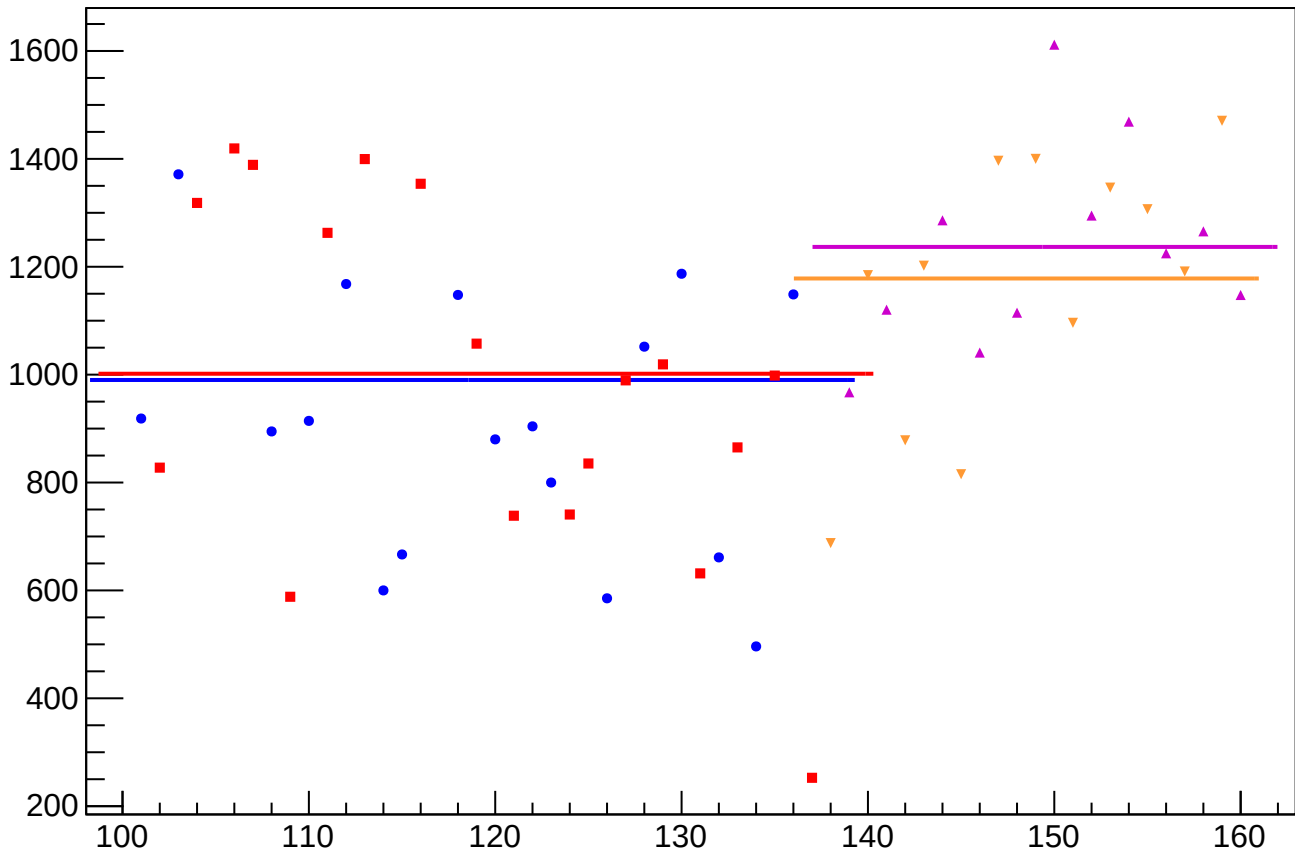
Left Out: 52.946+/-0.000 χ^2/NDF : 140060109724135025714892303400697856.0/11

Right Out: 140.976+/-0.000 χ^2/NDF : 22674964646016742017185923250652184576.0/17

Left In: 54.754+/-0.000 χ^2/NDF : 302128520341219592884404395924520960.0/10

All: 96.926+/-0.000 χ^2/NDF : 7360699399665.0/11

dit_sam7_coil6_Ndata_mean vs Slug



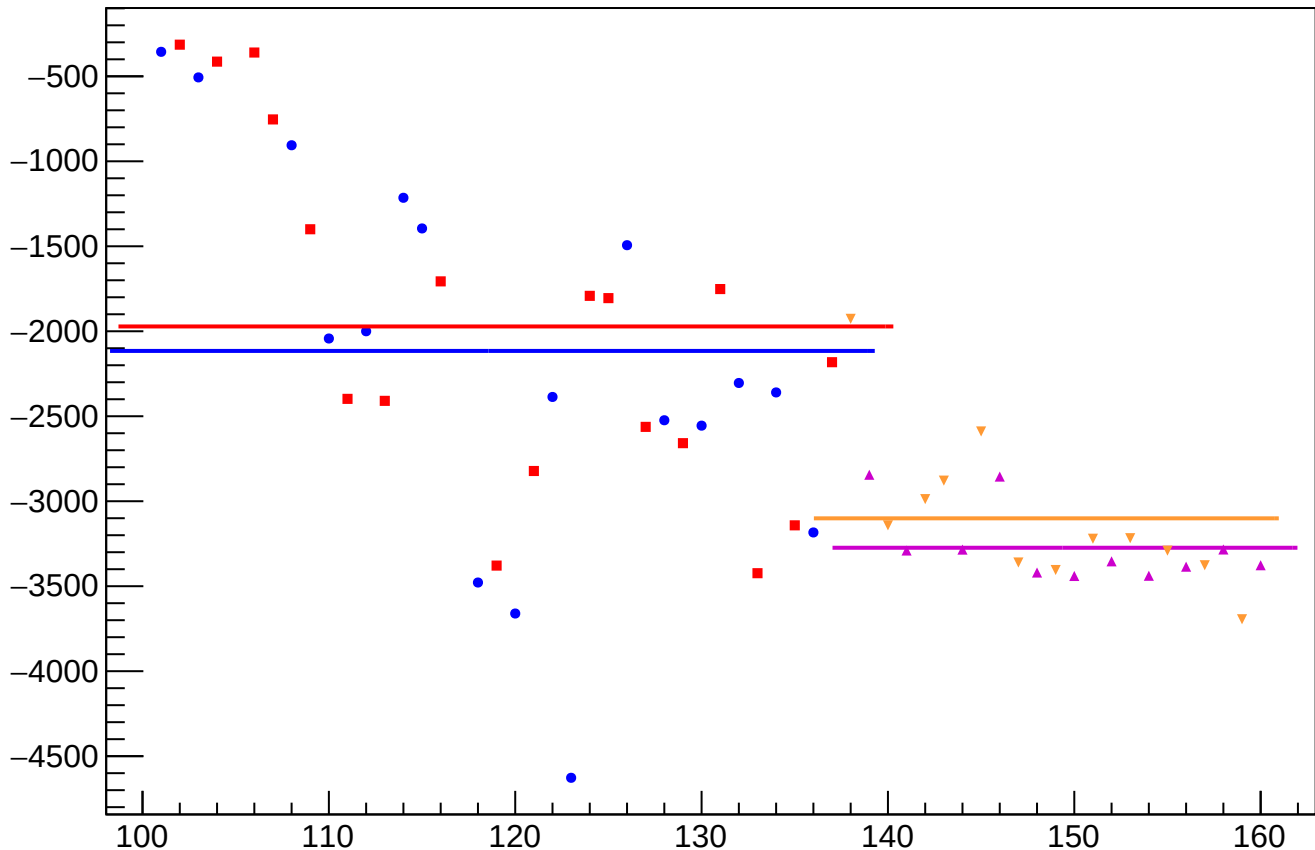
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

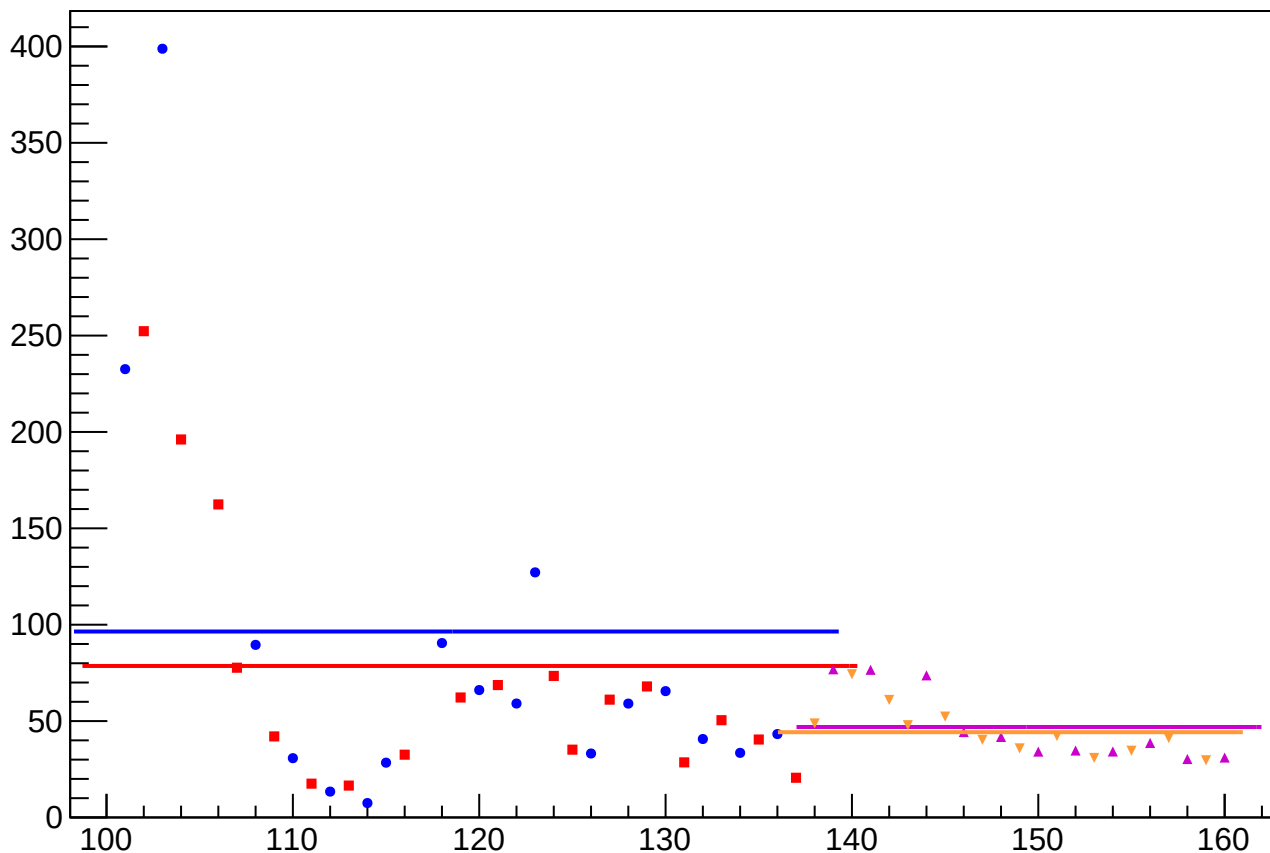
dit_sam8_coil6_mean vs Slug



Right In: -2115.686+/-0.000	χ^2/NDF : 754451931643030128758883529777223827456.0/16
Left Out: -3100.691+/-0.000	χ^2/NDF : 183916401222864919809075393490919096320.0/11
Right Out: -1971.716+/-0.000	χ^2/NDF : 778865201263461024769541360998730956800.0/17
Left In: -3273.761+/-0.000	χ^2/NDF : 38674829040753317782722595133075750912.0/10

+ sign -2674.244+/-0.000 χ^2/NDF : 1320195564662
 All: -2691.790+/-0.000 χ^2/NDF : 2824958696
 - sign -2708.857+/-0.000 χ^2/NDF : 15037896389045

dit_sam8_coil6_err_mean vs Slug



Right In: 96.465+/-0.000 χ^2/NDF : 7977727256930133620372701565161570304.0/16

Left Out: 44.236+/-0.000 χ^2/NDF : 142258955441054075250551696151019520.0/11

Right Out: 78.600+/-0.000 χ^2/NDF : 3499001556563234508710770672385654784.0/17

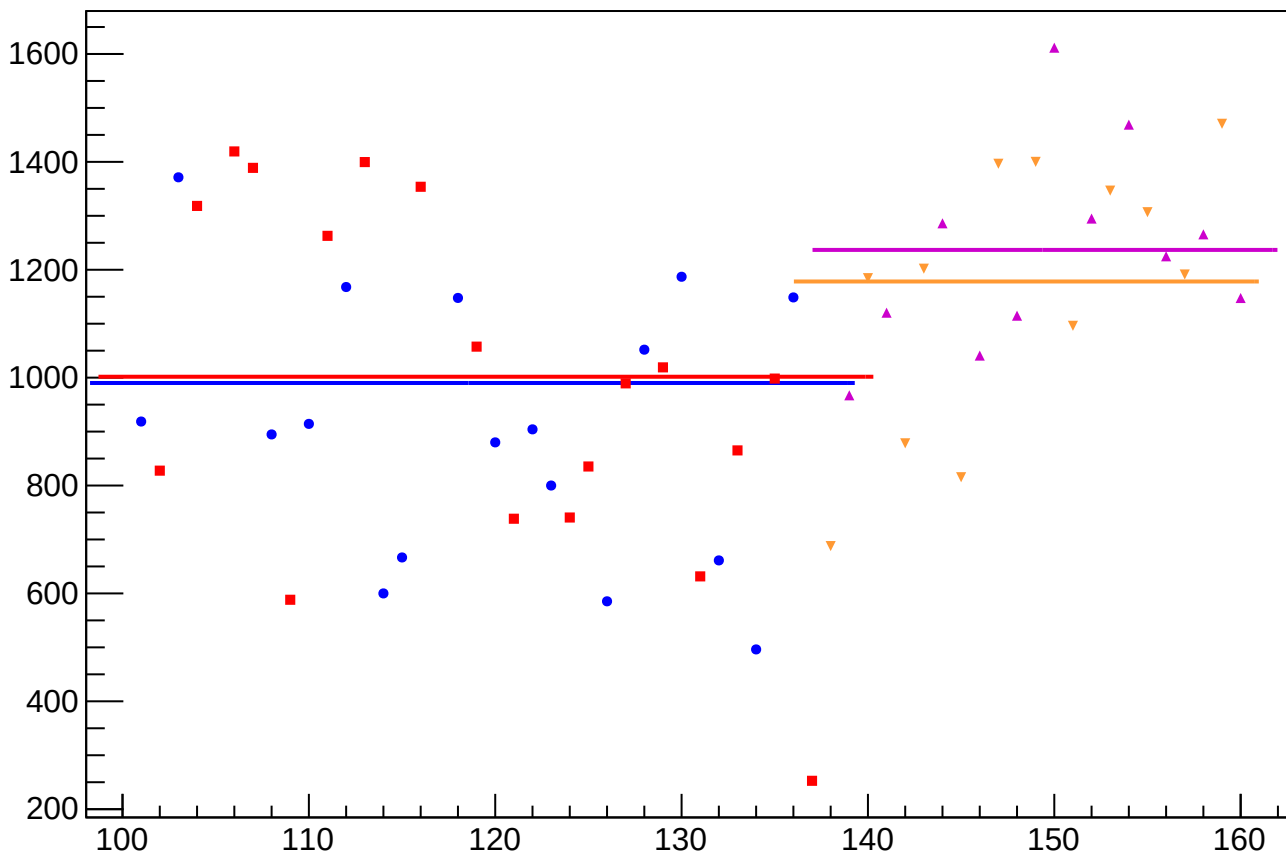
Left In: 46.934+/-0.000 χ^2/NDF : 304947612143078258069151469537329152.0/10

+ sign 66.848+/-0.000 χ^2/NDF : 9193488405718149

All: 63.717+/-0.000 χ^2/NDF : 1343431065119

- sign 60.672+/-0.000 χ^2/NDF : 4209832838223490

dit_sam8_coil6_Ndata_mean vs Slug



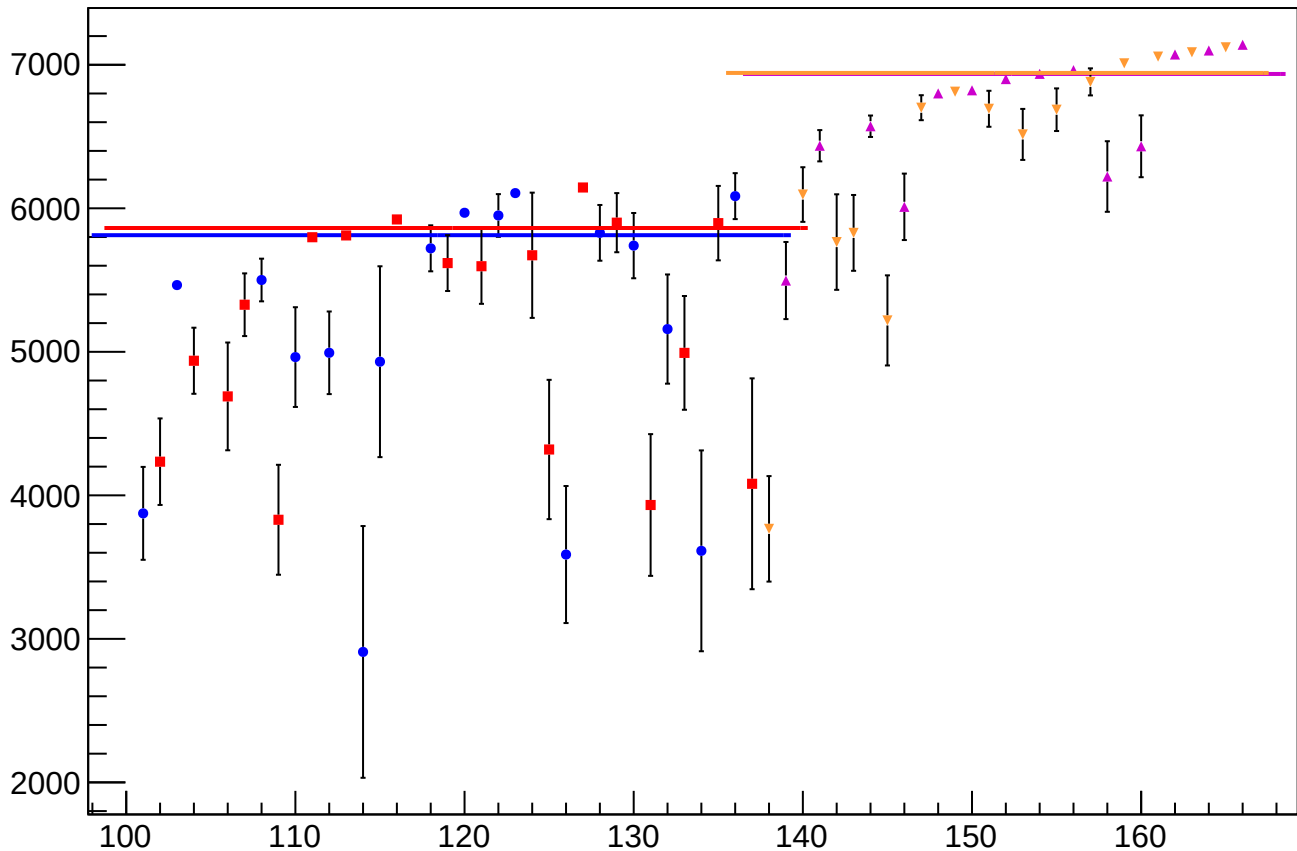
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_run_mean vs Slug



Right In: 5812.740+/-0.171 χ^2/NDF : 2217854.6/16

Left Out: 6943.326+/-0.206 χ^2/NDF : 339650.2/14

+ sign 6271.490+/-0.131 χ^2/NDF : 20384216.6/31

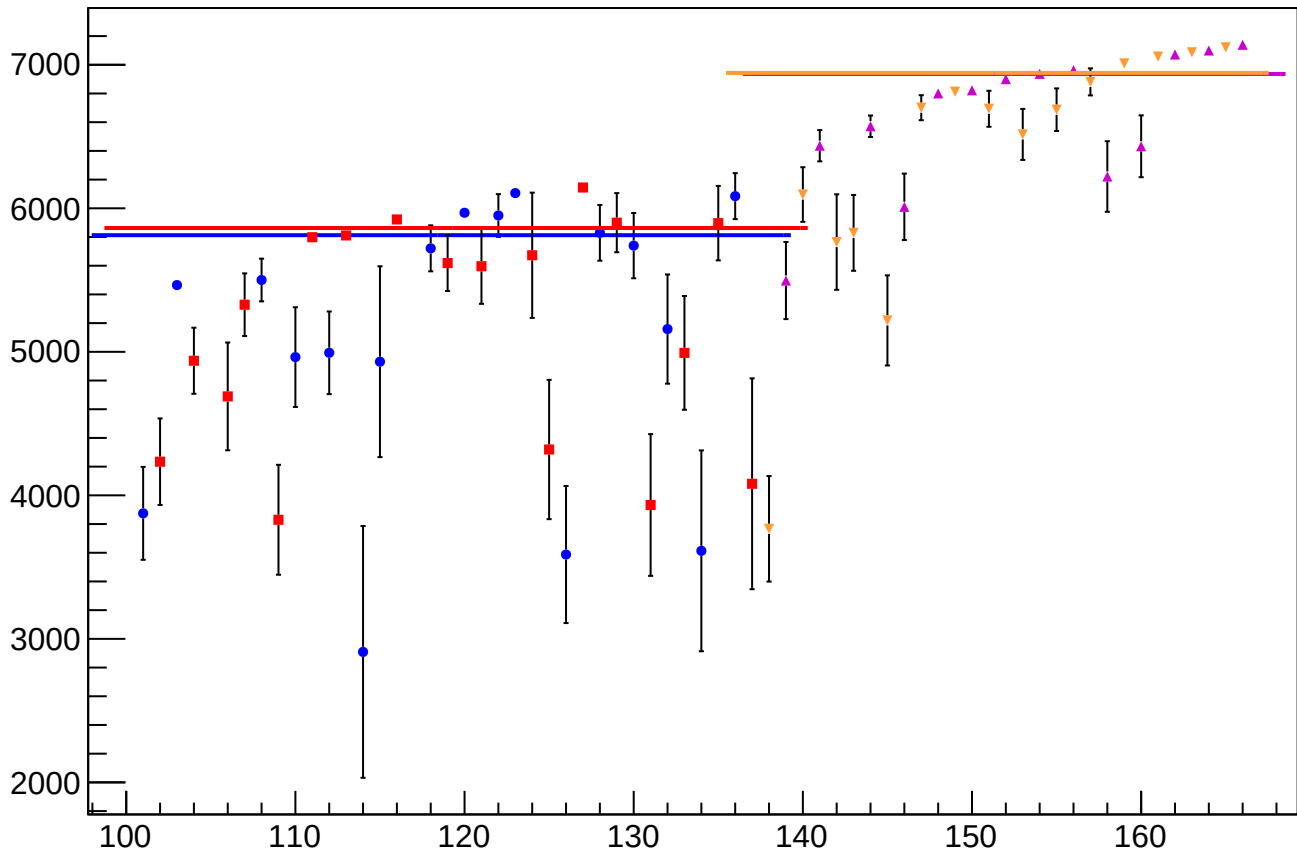
Right Out: 5862.788+/-0.139 χ^2/NDF : 199291.9/17

All: 6332.929+/-0.080 χ^2/NDF : 49553414.7/6

Left In: 6936.103+/-0.147 χ^2/NDF : 584144.7/13

- sign 6369.316+/-0.101 χ^2/NDF : 28821555.6/31

dit_run_rms vs Slug



Right In: 5812.740+/-0.171 χ^2 /NDF: 2217854.6/16

Left Out: 6943.326+/-0.206 χ^2 /NDF:339650.2/14

Right Out: 5862.788+/-0.139 χ^2 /NDF: 199291.9/17

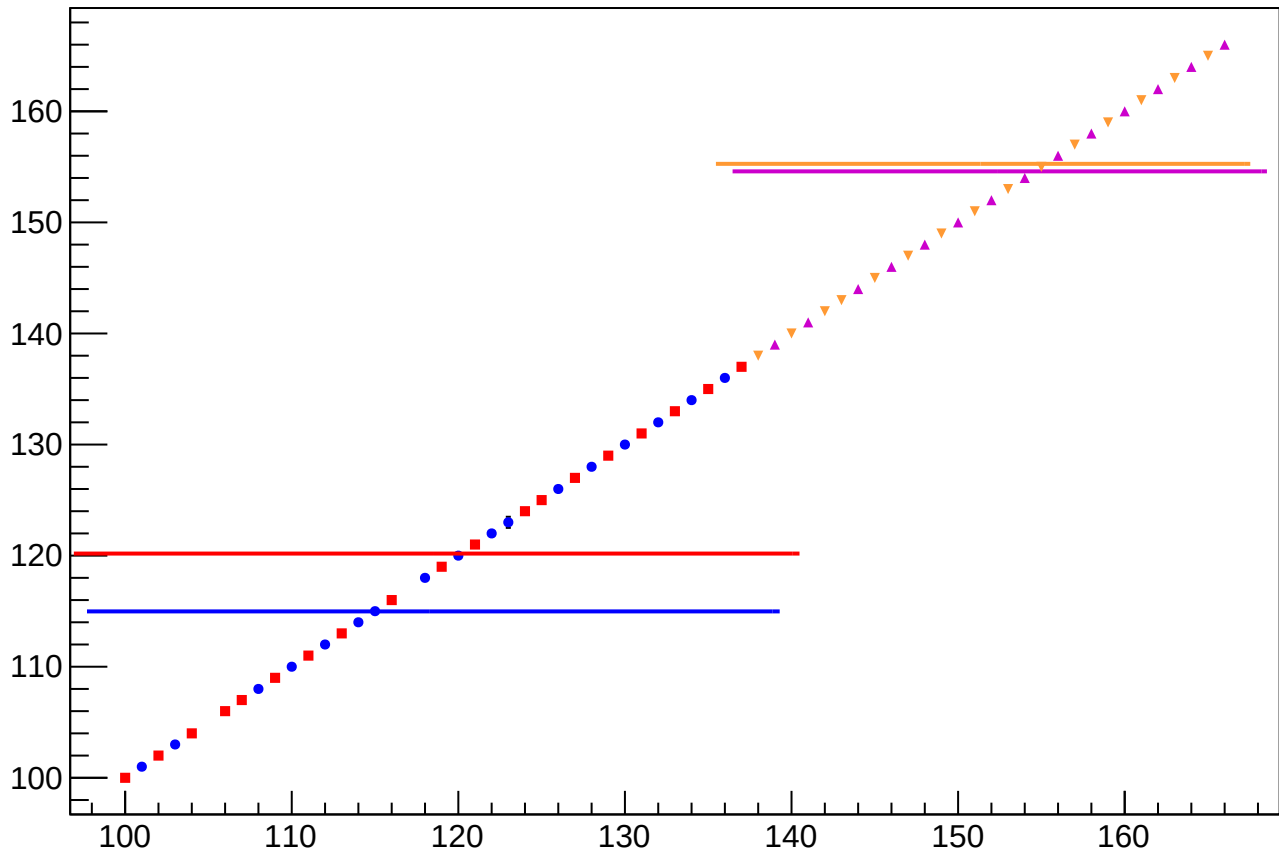
Left In: 6936.103+/-0.147 χ^2 /NDF:584144.7/13

+ sign 6271.490+/-0.131 χ^2 /NDF: 20384216.6/31

All: 6332.929+/-0.080 χ^2 /NDF: 49553414.7/6

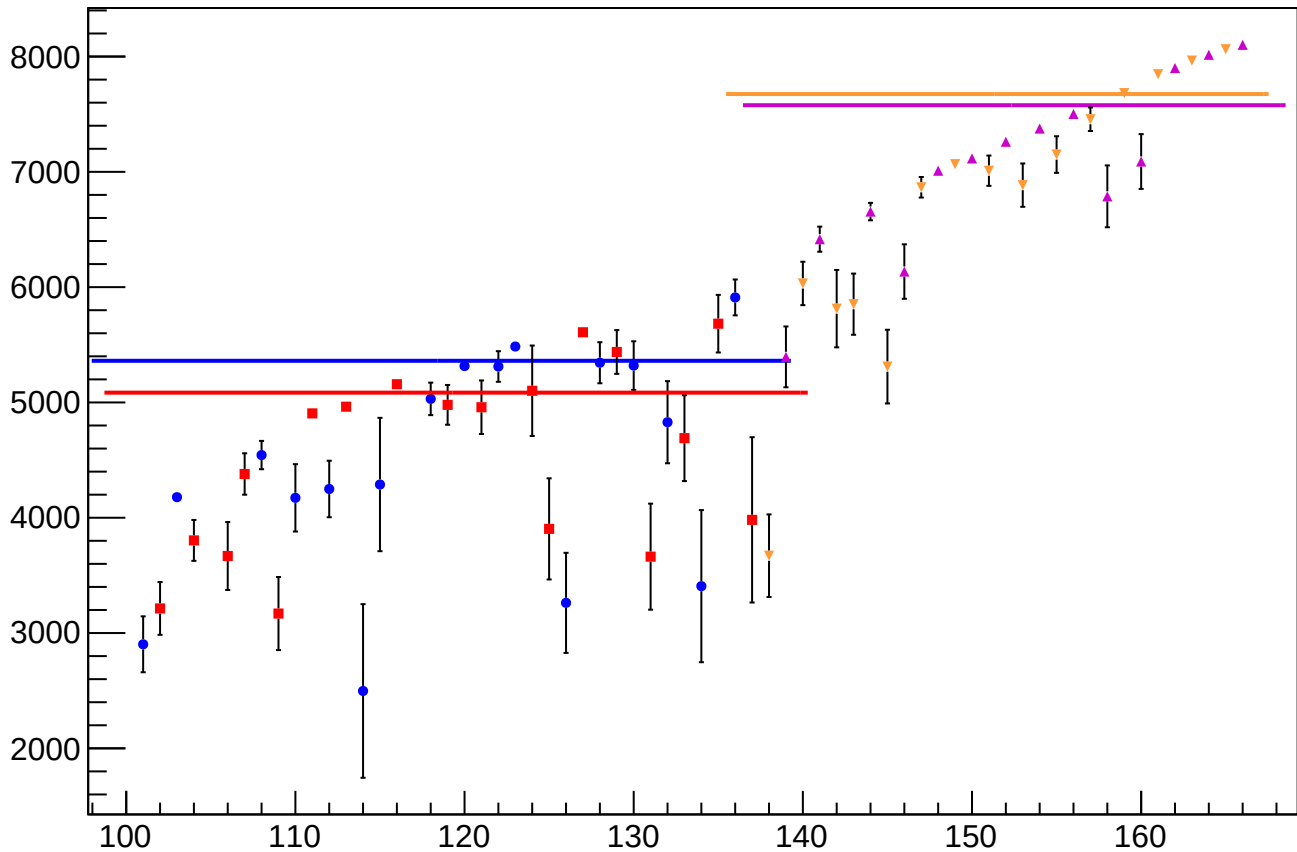
- sign 6369.316+/-0.101 χ^2 /NDF: 28821555.6/31

dit_slug_slope vs Slug



Right In: 114.980 $\pm$ 0.000 χ^2 /NDF: 112344936246012934714934440230912.0/16
 Left Out: 155.271 $\pm$ 0.000 χ^2 /NDF: 47632381057160858741266016370688.0/14
 Right Out: 120.186 $\pm$ 0.000 χ^2 /NDF: 52233253644261695528198041763840.0/18
 Left In: 154.594 $\pm$ 0.000 χ^2 /NDF: 32593298913636077691501700710400.0/13

dit_cyclenum_mean vs Slug



Right In: 5361.298 $\pm$ 0.441 χ^2 /NDF: 607948.2/16

Left Out: 7674.850 $\pm$ 0.746 χ^2 /NDF: 261896.0/14

Right Out: 5085.163 $\pm$ 0.644 χ^2 /NDF: 80603.0/17

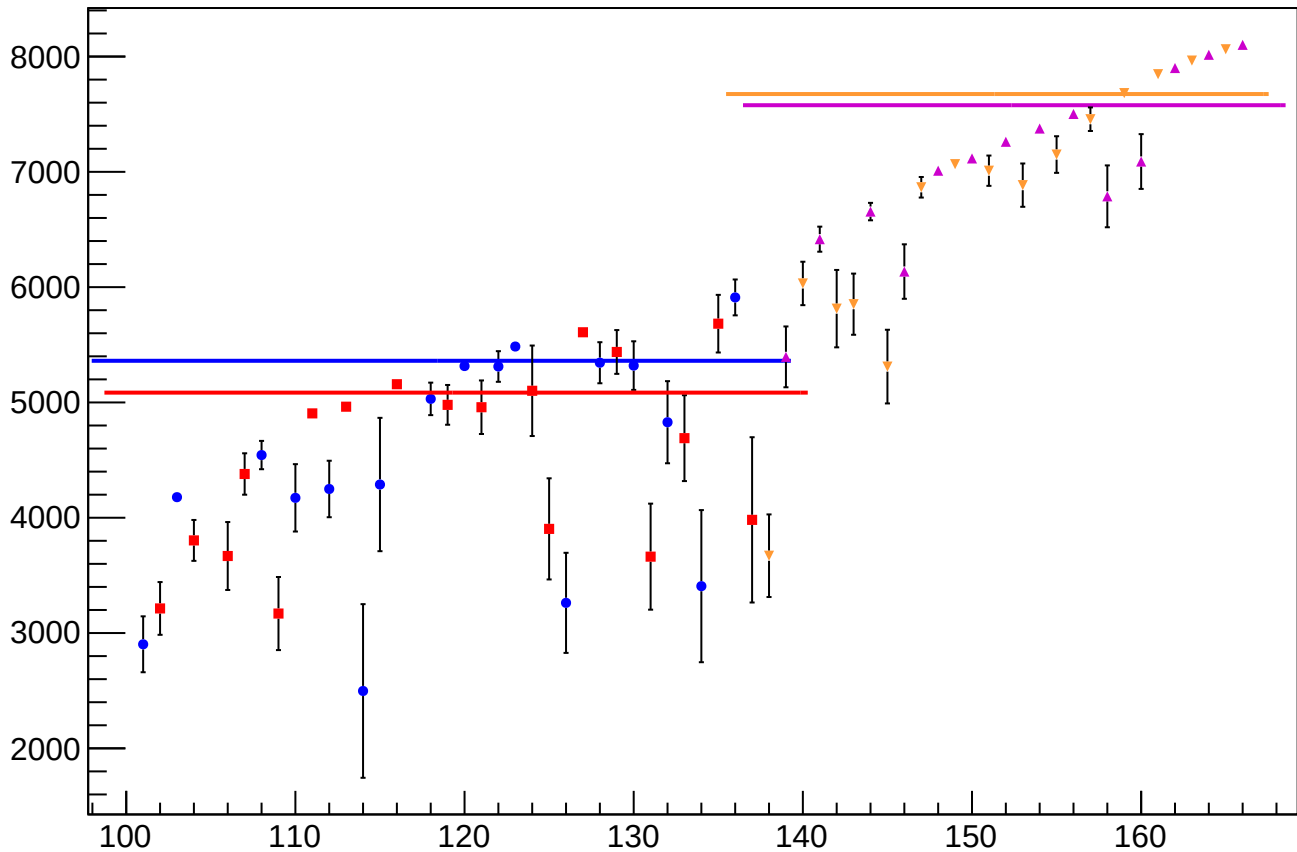
Left In: 7577.929 $\pm$ 0.582 χ^2 /NDF: 492849.0/13

+ sign 5961.488 $\pm$ 0.380 χ^2 /NDF: 7999982.4/31

All: 6178.110 $\pm$ 0.285 χ^2 /NDF: 17575832.6/6

- sign 6457.794 $\pm$ 0.432 χ^2 /NDF: 8830409.8/31

dit_cyclenum_rms vs Slug



Right In: 5361.298 $\pm$ 0.441 χ^2 /NDF: 607948.2/16

Left Out: 7674.850 $\pm$ 0.746 χ^2 /NDF: 261896.0/14

Right Out: 5085.163 $\pm$ 0.644 χ^2 /NDF: 80603.0/17

Left In: 7577.929 $\pm$ 0.582 χ^2 /NDF: 492849.0/13

+ sign 5961.488 $\pm$ 0.380 χ^2 /NDF: 7999982.4/31

All: 6178.110 $\pm$ 0.285 χ^2 /NDF: 17575832.6/6

- sign 6457.794 $\pm$ 0.432 χ^2 /NDF: 8830409.8/31

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 $\pm$ 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

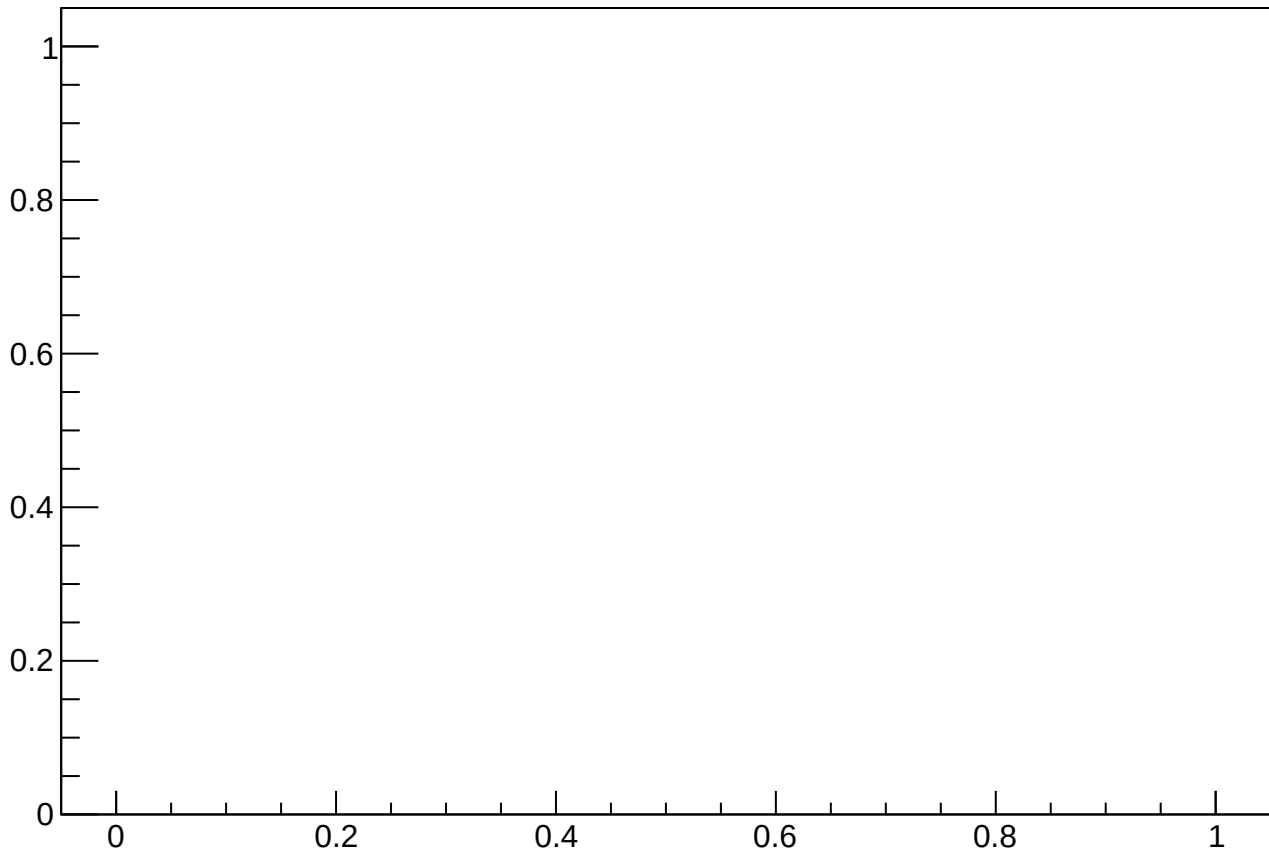
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_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

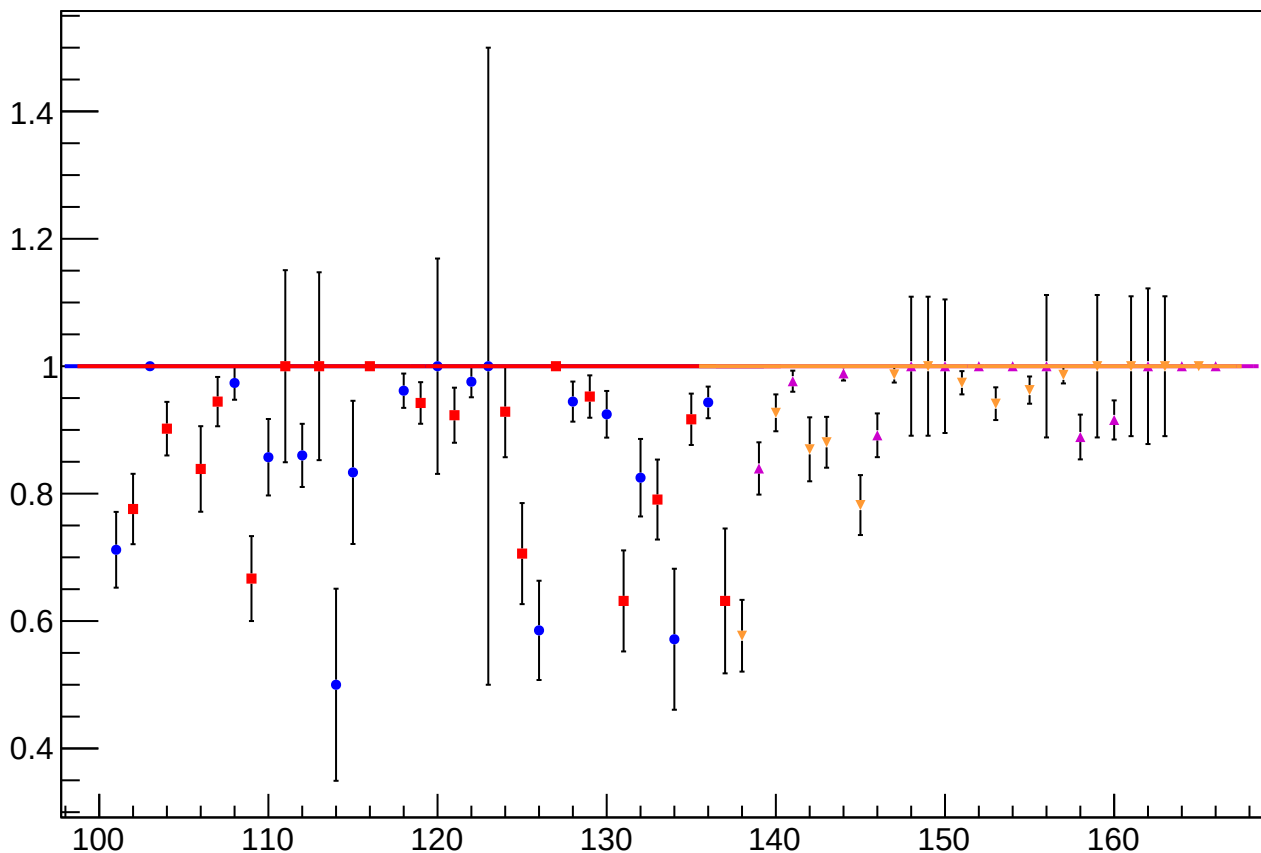
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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: 118.6/16

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:112.4/14

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 192.3/17

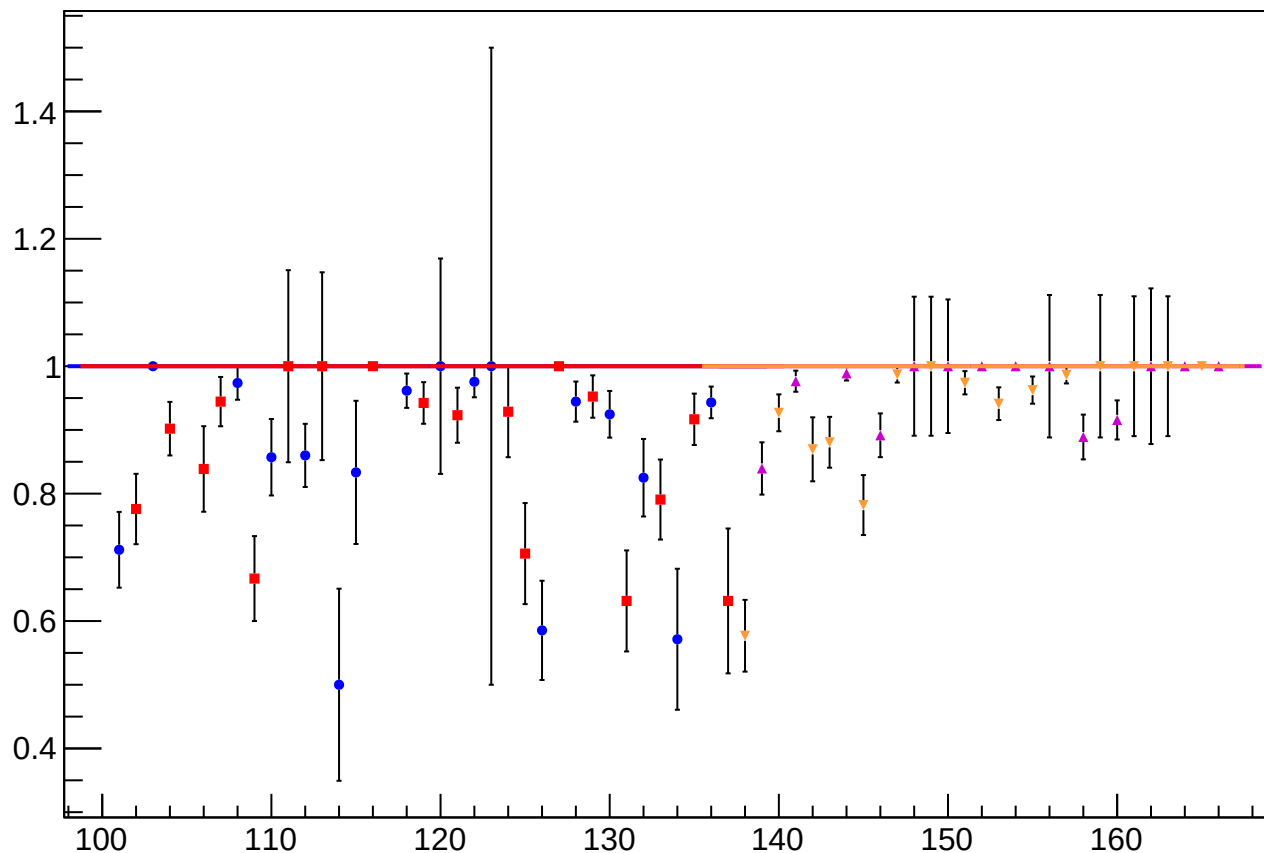
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:1081.3/13

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 521.9/31

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 902.8/63

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 541.4/31

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 118.6/16

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:112.4/14

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 192.3/17

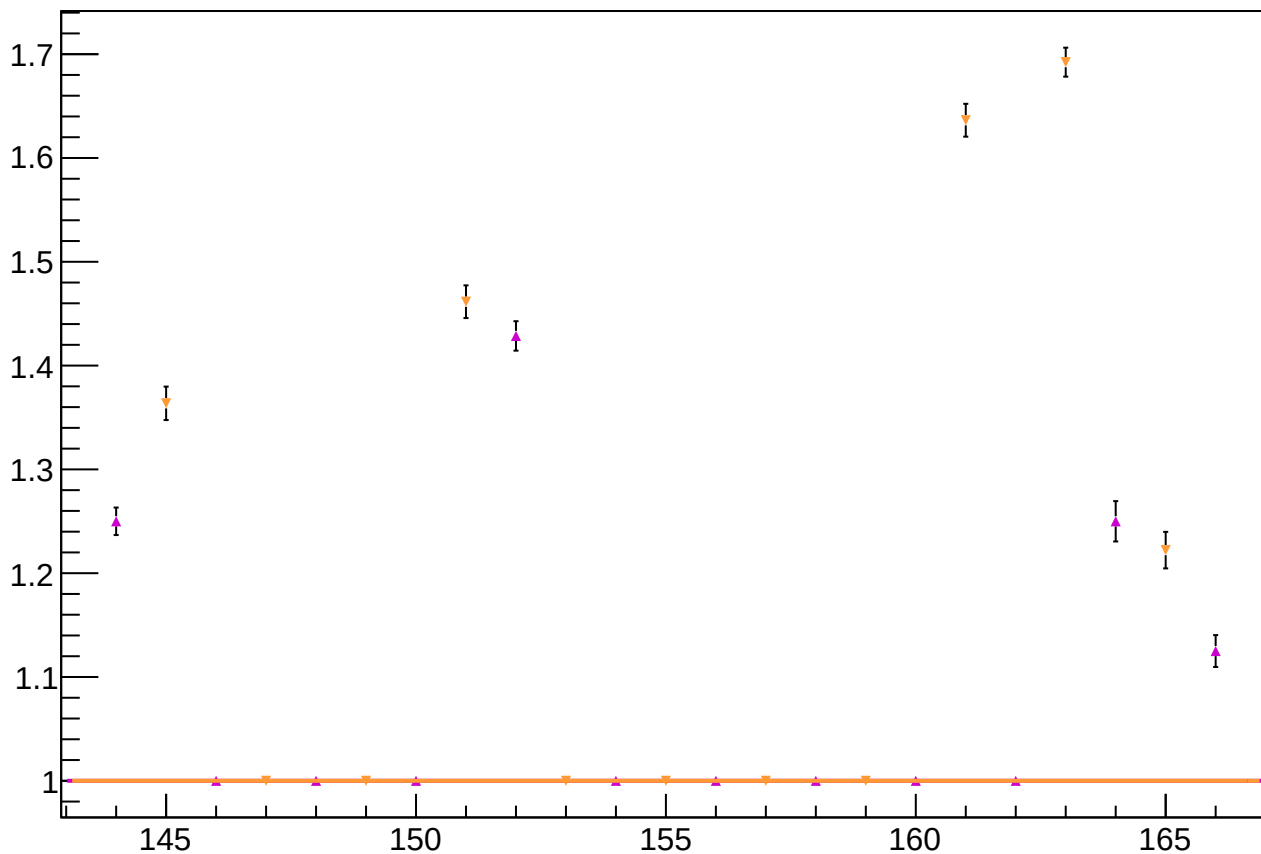
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:1081.3/13

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 521.9/31

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 902.8/63

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 541.4/31

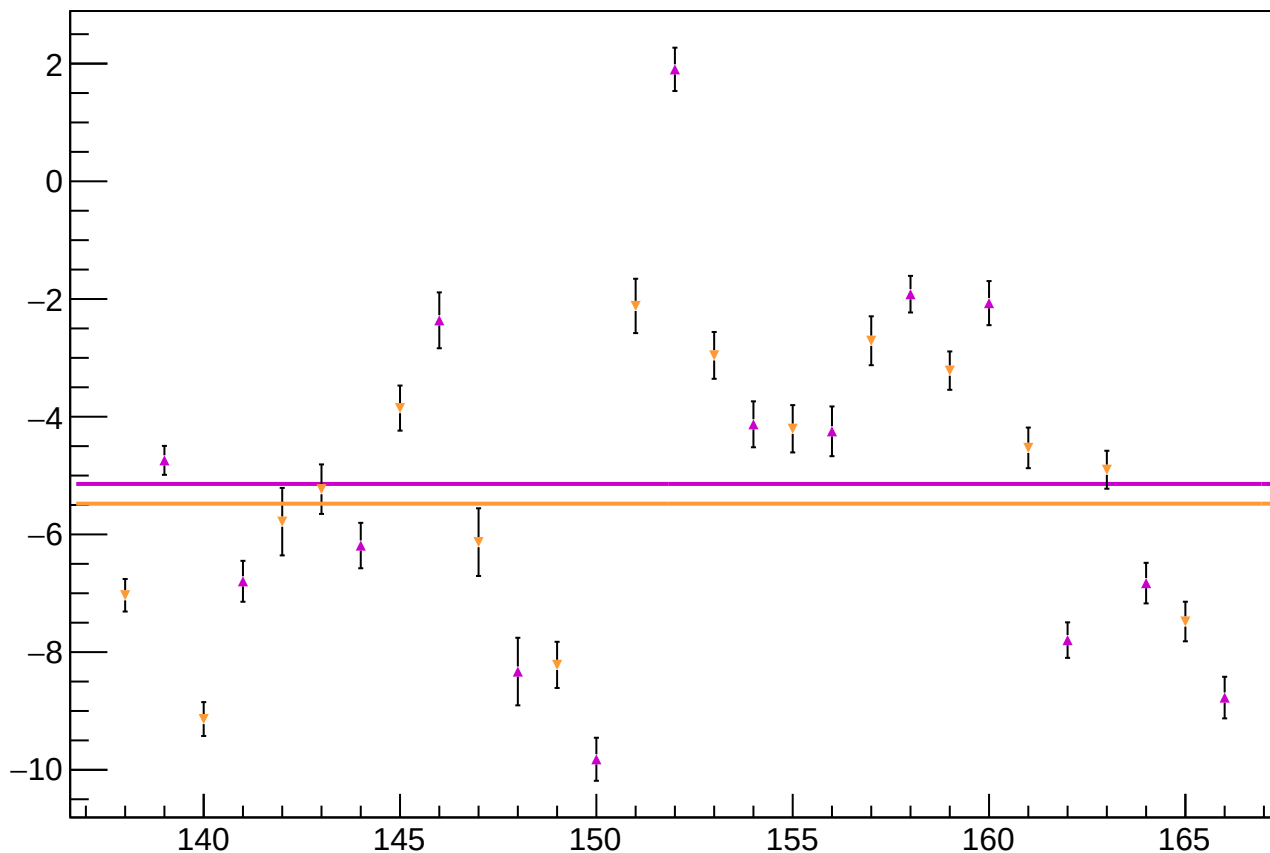
dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF : 6895.0/10
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.000+/-0.000 χ^2/NDF : 2162.1/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.000+/-0.000 χ^2/NDF : 8249.7/22
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

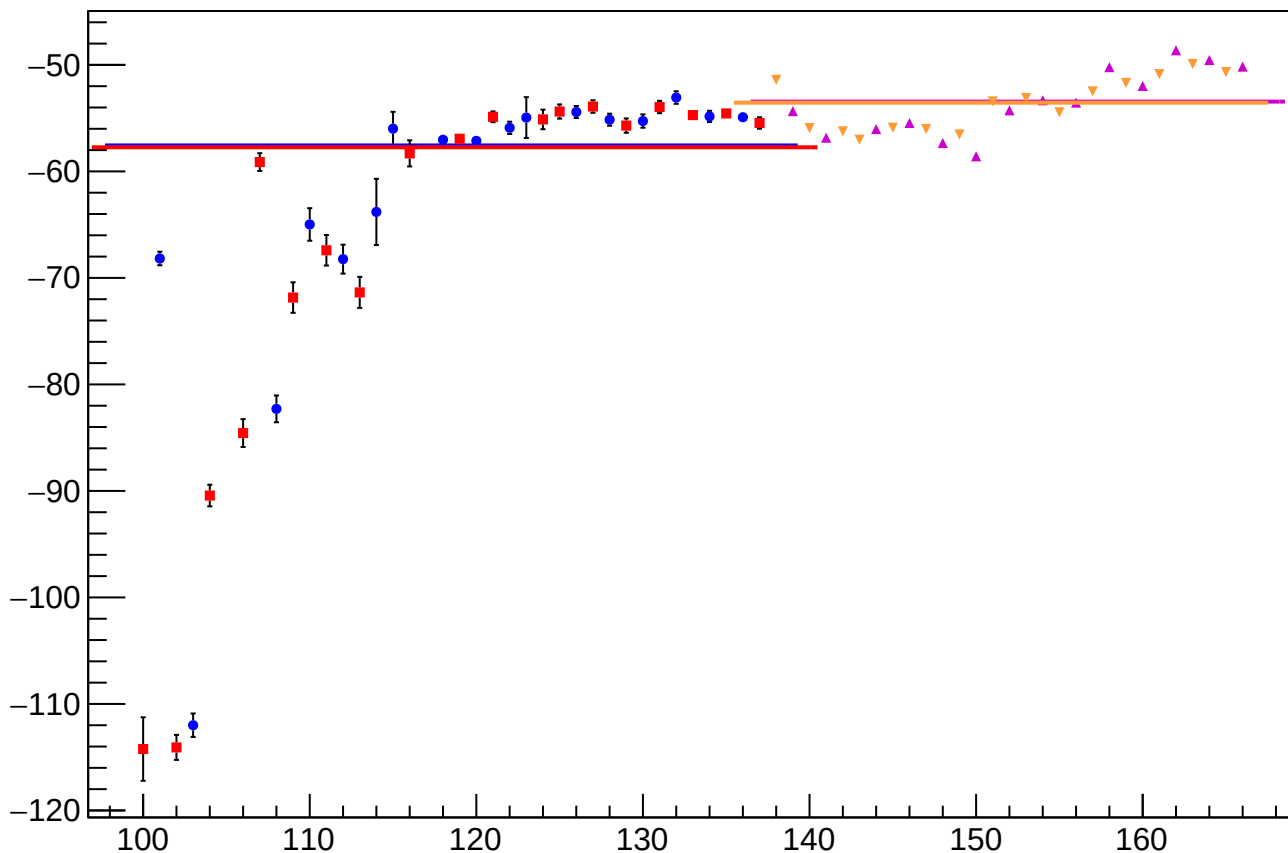
reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.478+/-0.096 χ^2/NDF : 503.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.142+/-0.095 χ^2/NDF : 1019.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.309+/-0.067 χ^2/NDF : 1529.6/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -53.546 ± 0.071 χ^2/NDF : 1135.0/14

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

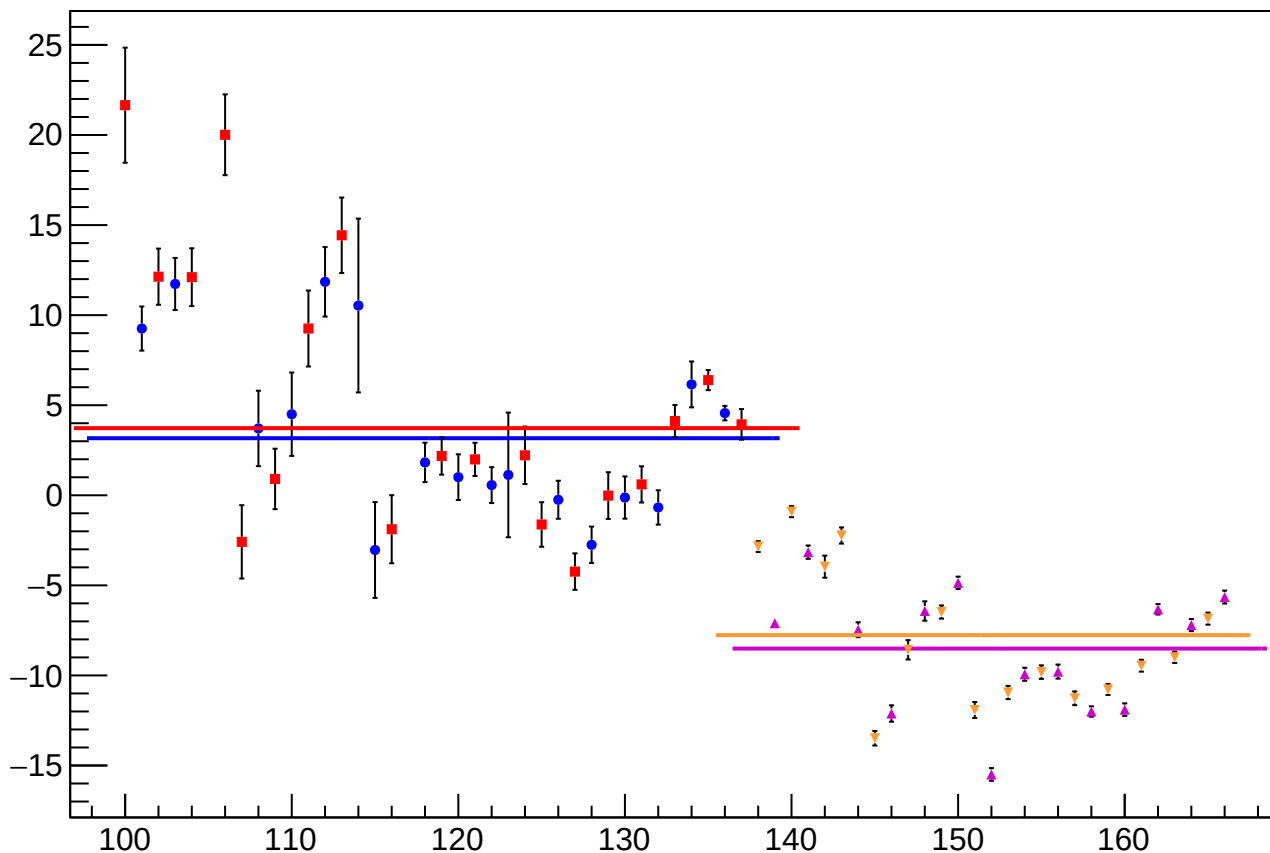
Left In: -53.447 ± 0.073 χ^2/NDF : 1872.2/13

+ sign -54.354 ± 0.063 χ^2/NDF : 5235.3/31

All: -54.344 ± 0.045 χ^2/NDF : 12519.2/64

- sign -54.335 ± 0.065 χ^2/NDF : 7283.9/32

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -7.763 ± 0.094 χ^2/NDF : 1598.6/14

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

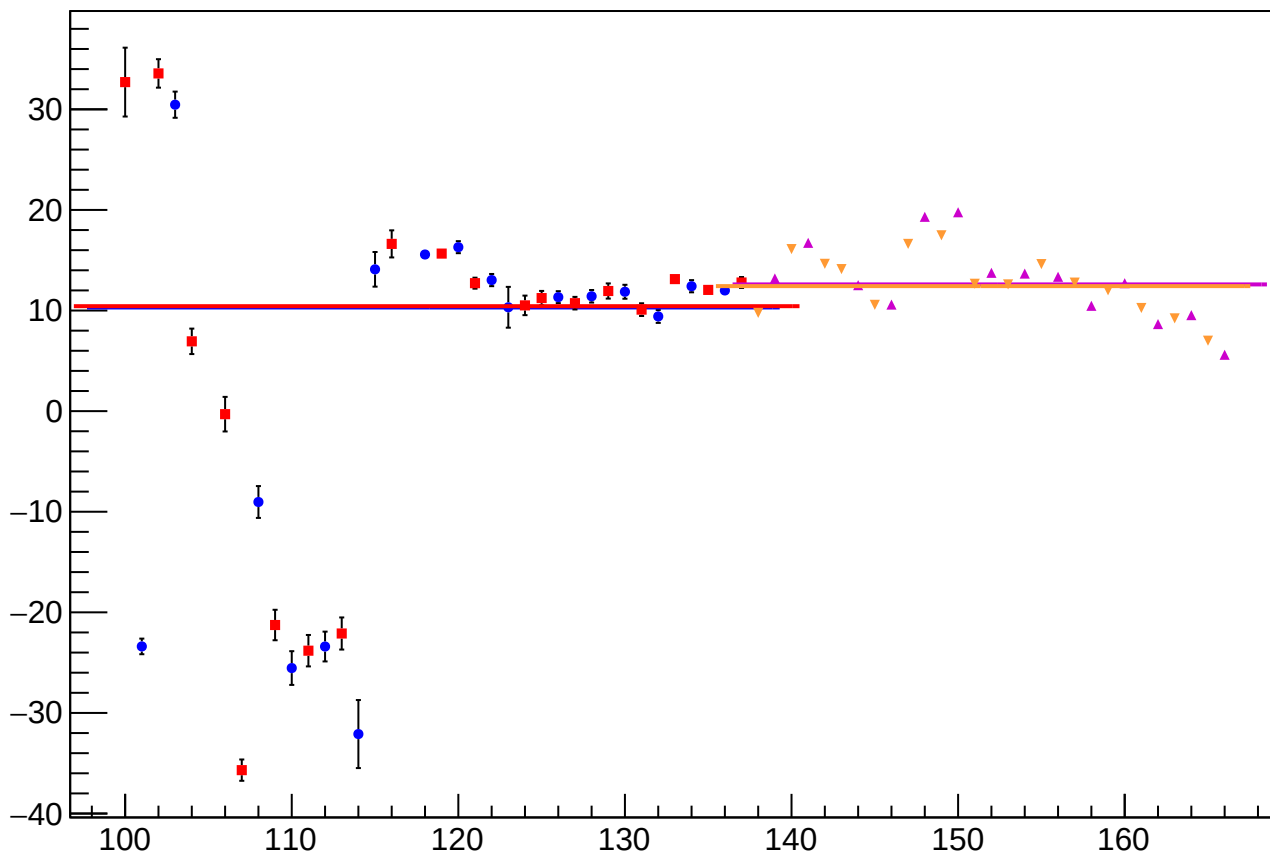
Left In: -8.509 ± 0.093 χ^2/NDF : 1232.1/13

+ sign -6.470 ± 0.089 χ^2/NDF : 3370.8/31

All: -6.828 ± 0.062 χ^2/NDF : 6829.0/64

- sign -7.180 ± 0.088 χ^2/NDF : 3425.9/32

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 ± 0.157 χ^2/NDF : 3712.3/16

Left Out: 12.427 ± 0.081 χ^2/NDF : 1270.1/14

Right Out: 10.433 ± 0.160 χ^2/NDF : 3828.5/18

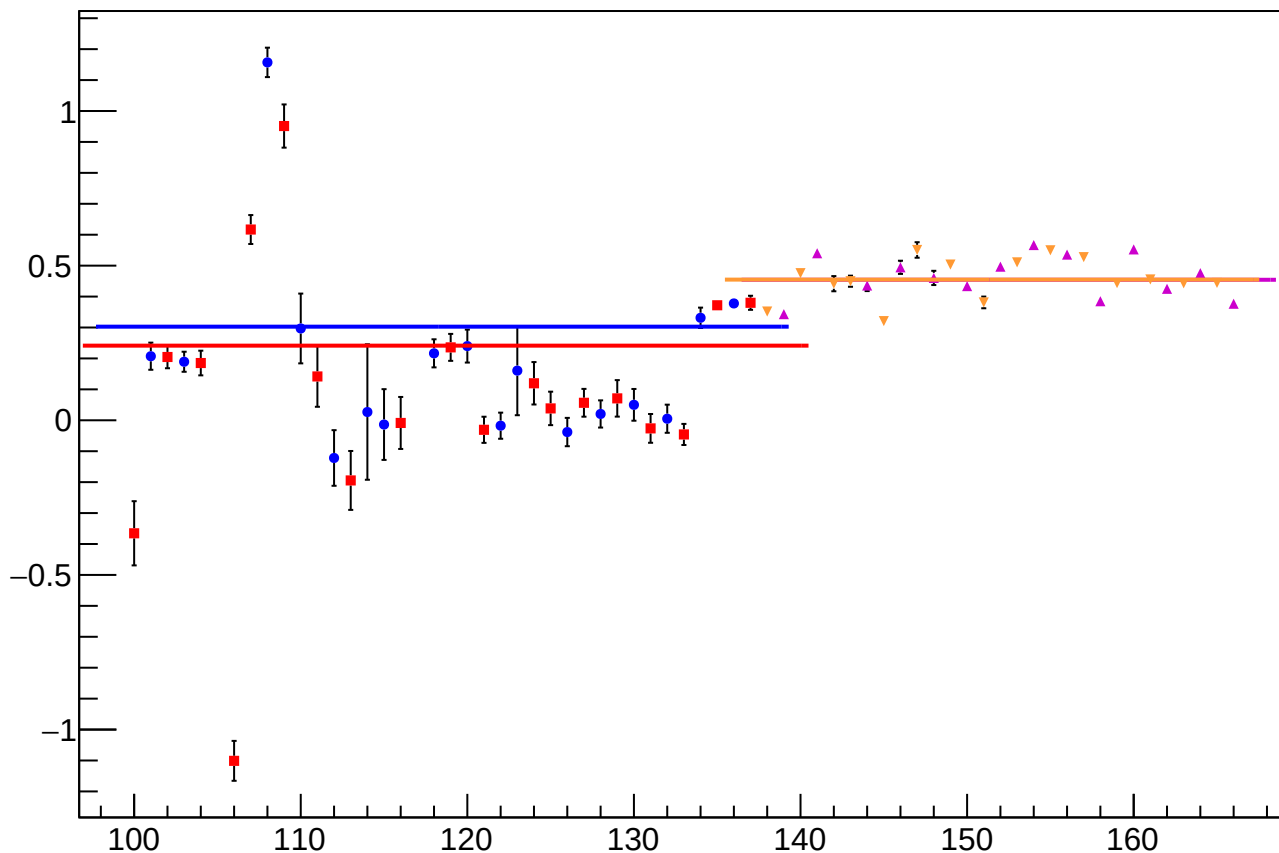
Left In: 12.596 ± 0.082 χ^2/NDF : 2007.0/13

+ sign 11.981 ± 0.072 χ^2/NDF : 5127.0/31

All: 12.061 ± 0.051 χ^2/NDF : 11109.9/64

- sign 12.144 ± 0.073 χ^2/NDF : 5980.3/32

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: 299.7/14

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

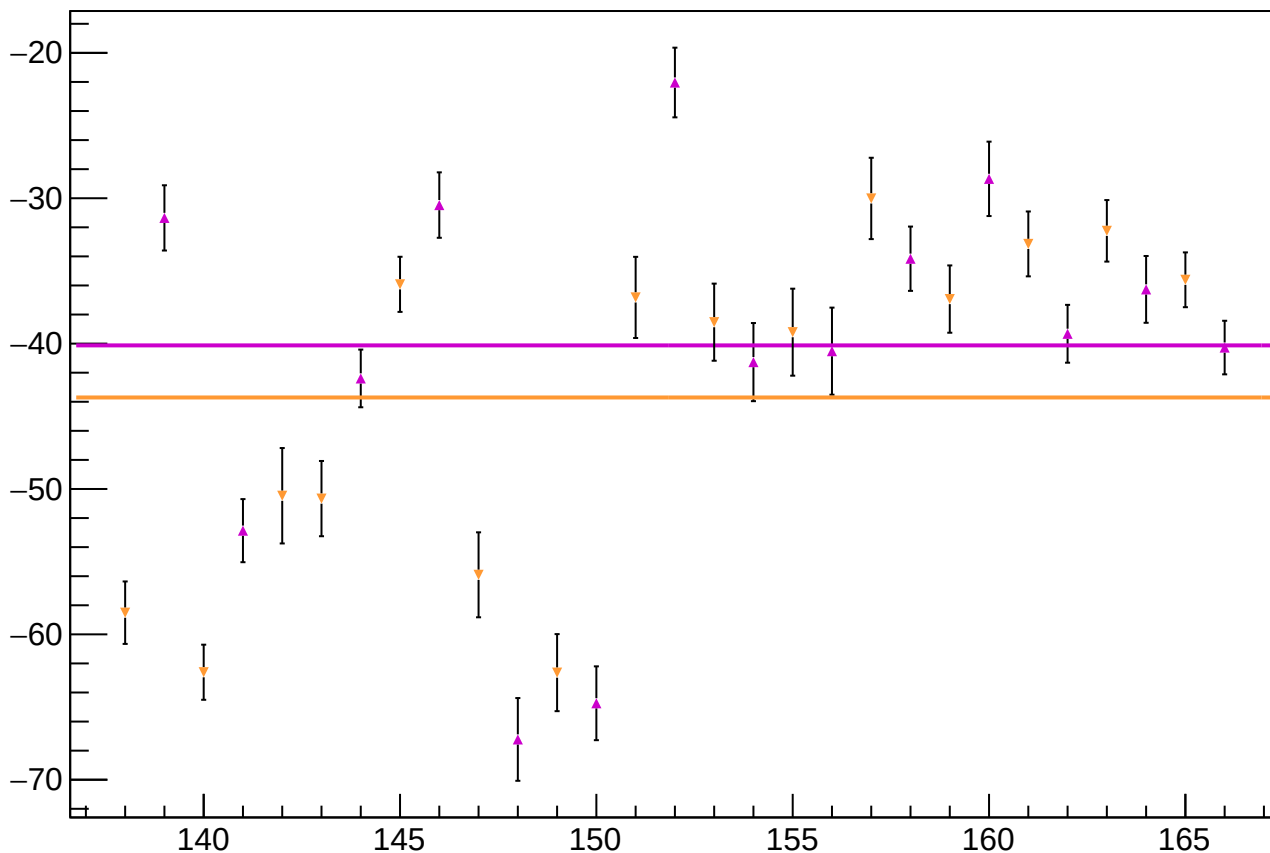
Left In: 0.454 $\pm$ 0.004 χ^2 /NDF: 444.2/13

+ sign 0.430 $\pm$ 0.003 χ^2 /NDF: 1233.8/31

All: 0.426 $\pm$ 0.002 χ^2 /NDF: 3200.6/64

- sign 0.422 $\pm$ 0.003 χ^2 /NDF: 1964.2/32

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -43.705 $\pm$ 0.611 χ^2 /NDF: 358.5/14

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

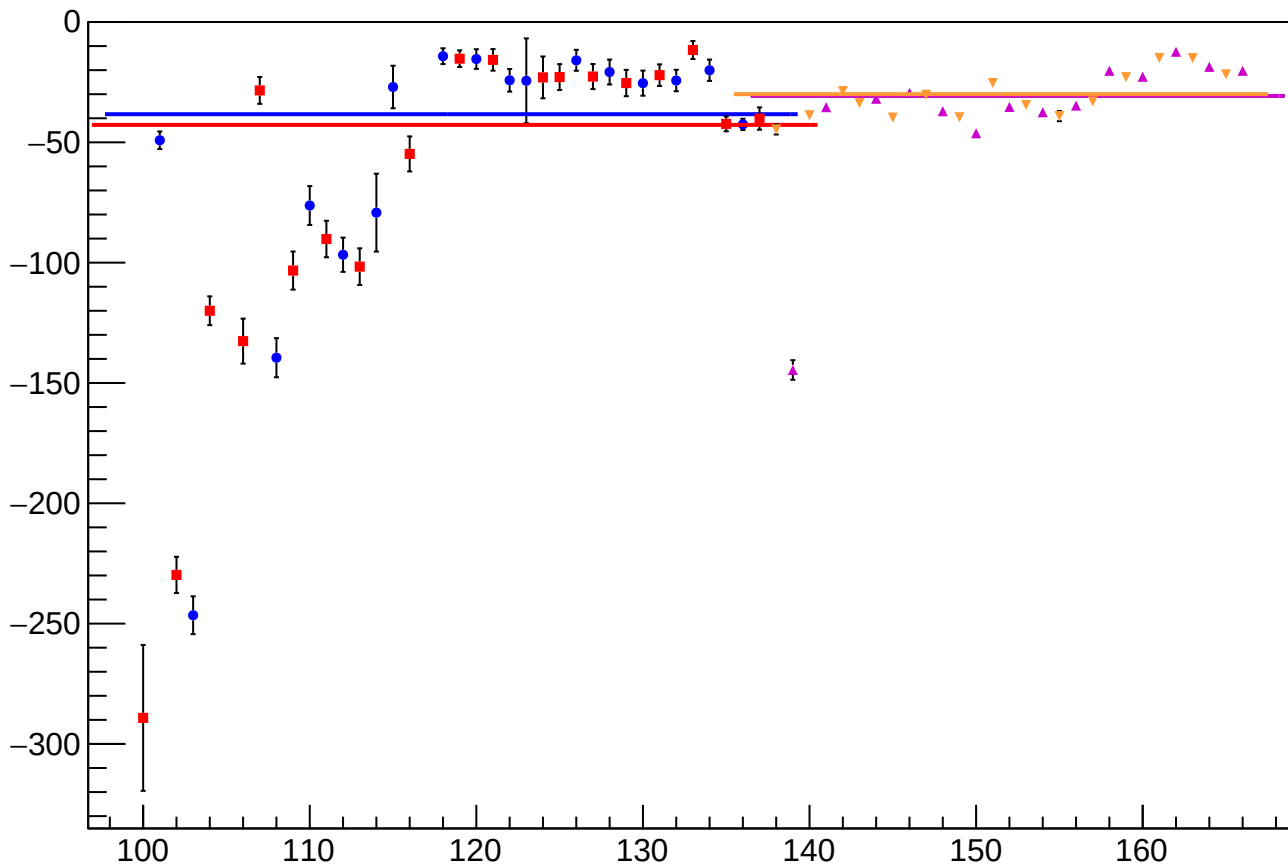
Left In: -40.122 $\pm$ 0.613 χ^2 /NDF: 341.6/13

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

All: -41.920 $\pm$ 0.433 χ^2 /NDF: 717.2/28

- 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 χ^2/NDF : 1132.7/16

Left Out: -29.982 ± 0.438 χ^2/NDF : 418.7/14

Right Out: -42.756 ± 1.211 χ^2/NDF : 1341.6/18

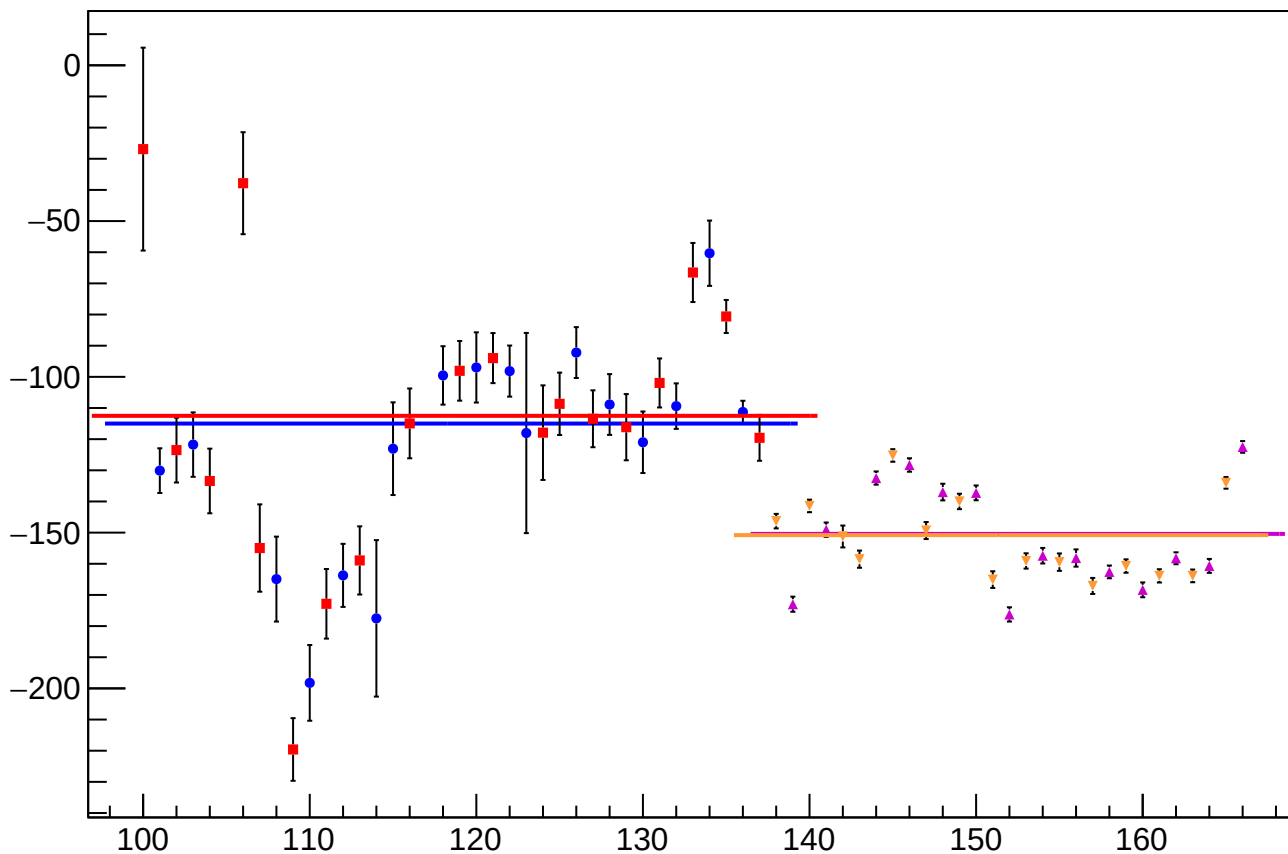
Left In: -30.717 ± 0.446 χ^2/NDF : 1202.9/13

+ sign -31.057 ± 0.409 χ^2/NDF : 1598.0/31

All: -31.594 ± 0.292 χ^2/NDF : 4233.1/64

- sign -32.158 ± 0.419 χ^2/NDF : 2631.5/32

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -150.803 ± 0.605 $\chi^2/\text{NDF}: 483.0/14$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

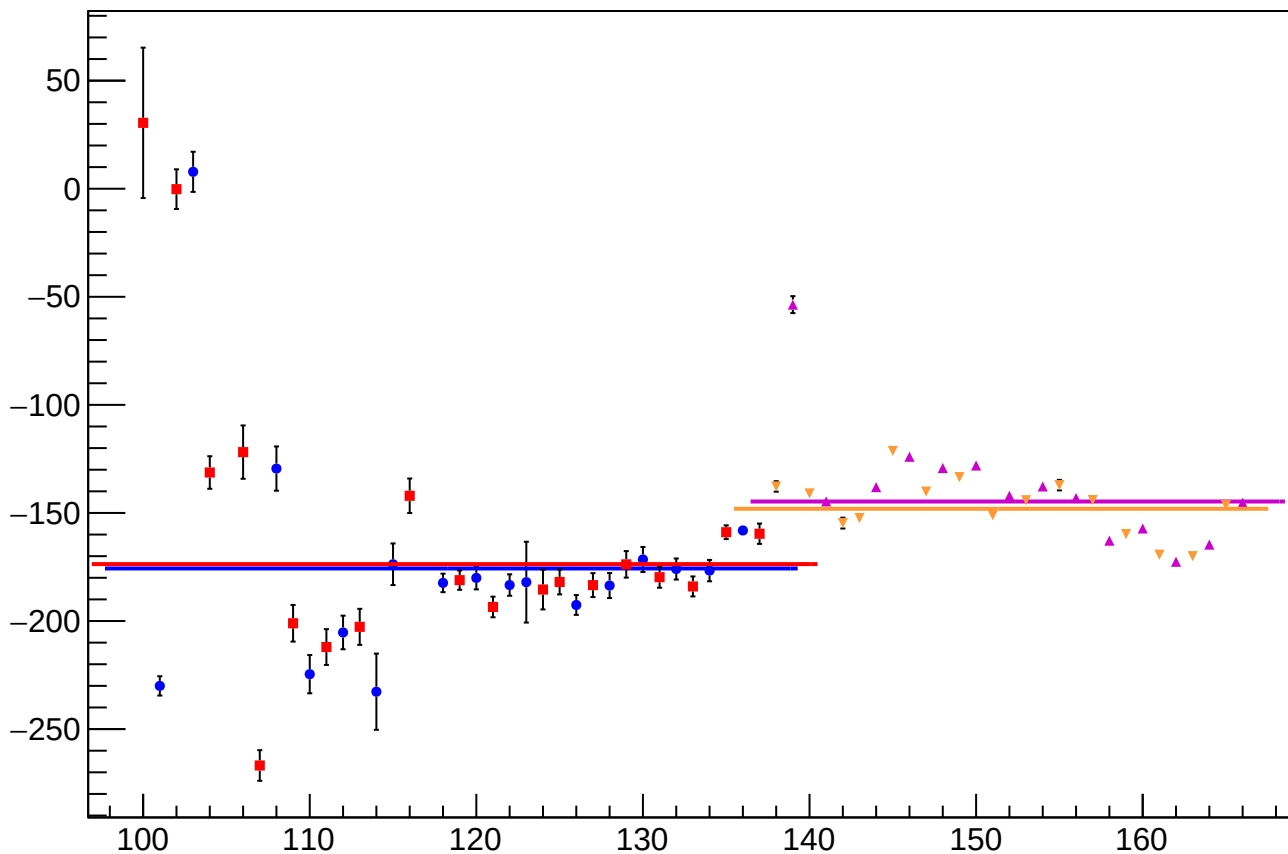
Left In: -150.406 ± 0.601 $\chi^2/\text{NDF}: 814.3/13$

+ sign -147.990 ± 0.581 $\chi^2/\text{NDF}: 899.8/31$

All: -147.888 ± 0.410 $\chi^2/\text{NDF}: 2261.9/64$

- sign -147.786 ± 0.580 $\chi^2/\text{NDF}: 1362.0/32$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -148.069 ± 0.506 χ^2/NDF : 751.1/14

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

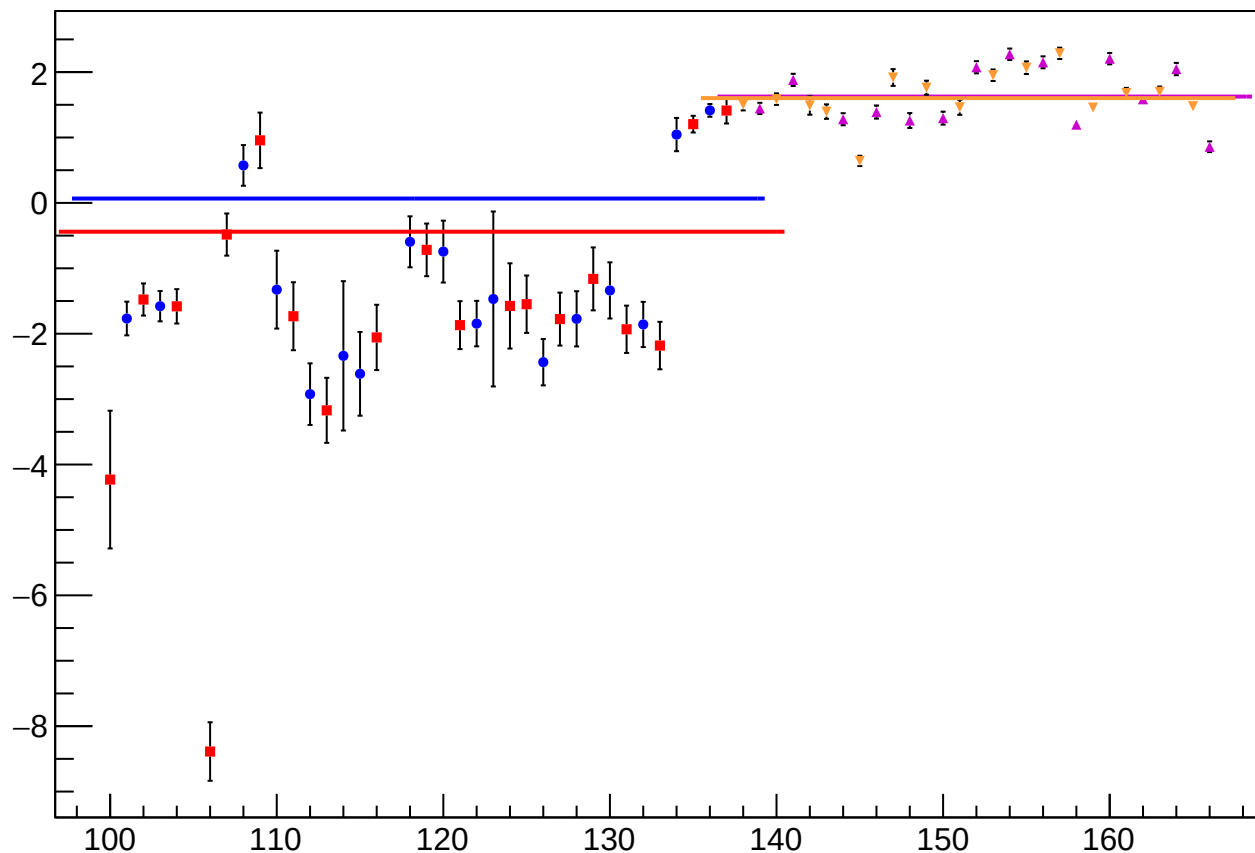
Left In: -144.710 ± 0.513 χ^2/NDF : 1396.5/13

+ sign -151.872 ± 0.470 χ^2/NDF : 1853.7/31

All: -150.143 ± 0.336 χ^2/NDF : 4414.4/64

- sign -148.341 ± 0.480 χ^2/NDF : 2533.1/32

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.602 ± 0.024 χ^2/NDF : 271.8/14

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

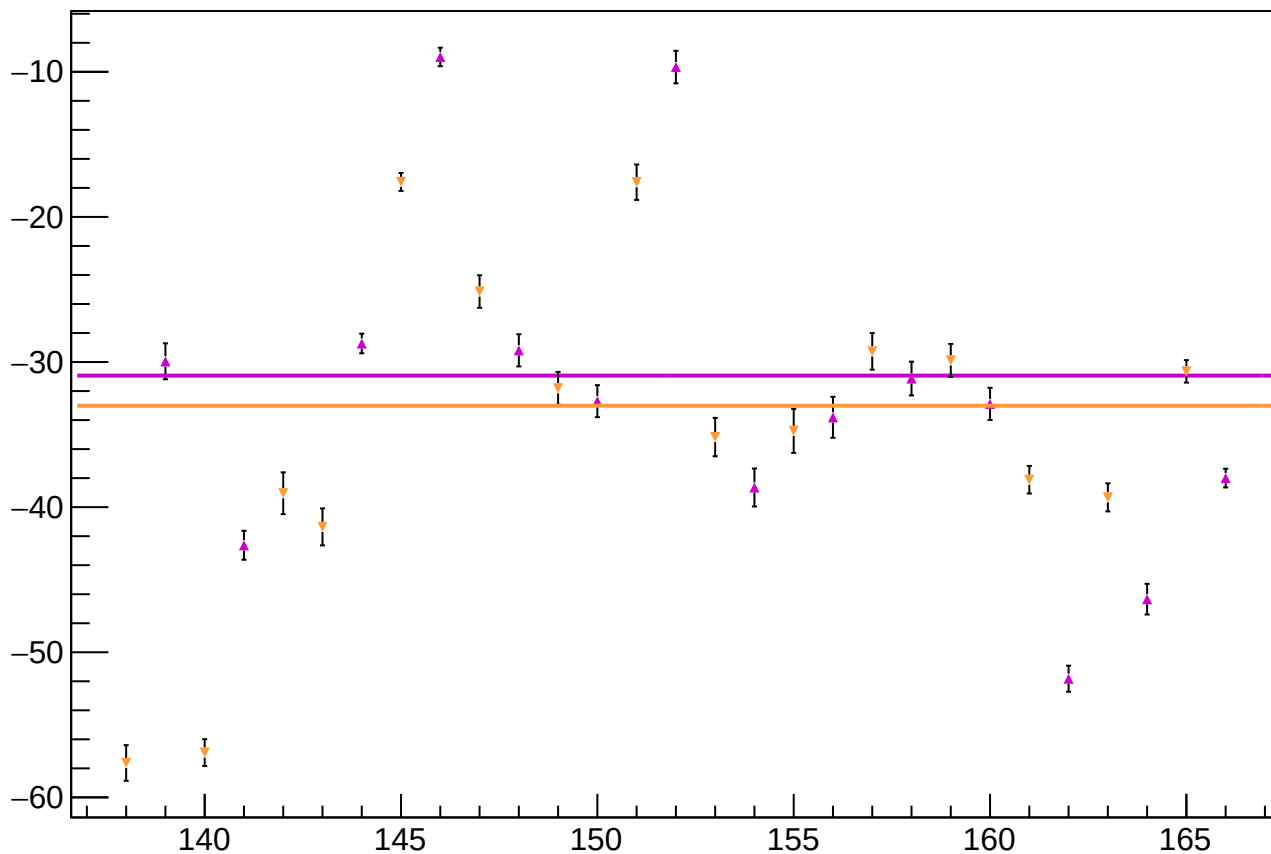
Left In: 1.626 ± 0.024 χ^2/NDF : 349.9/13

+ sign 1.431 ± 0.022 χ^2/NDF : 1265.0/31

All: 1.425 ± 0.016 χ^2/NDF : 3129.4/64

- sign 1.418 ± 0.023 χ^2/NDF : 1864.2/32

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -33.009+/-0.267 χ^2/NDF : 2067.6/14

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

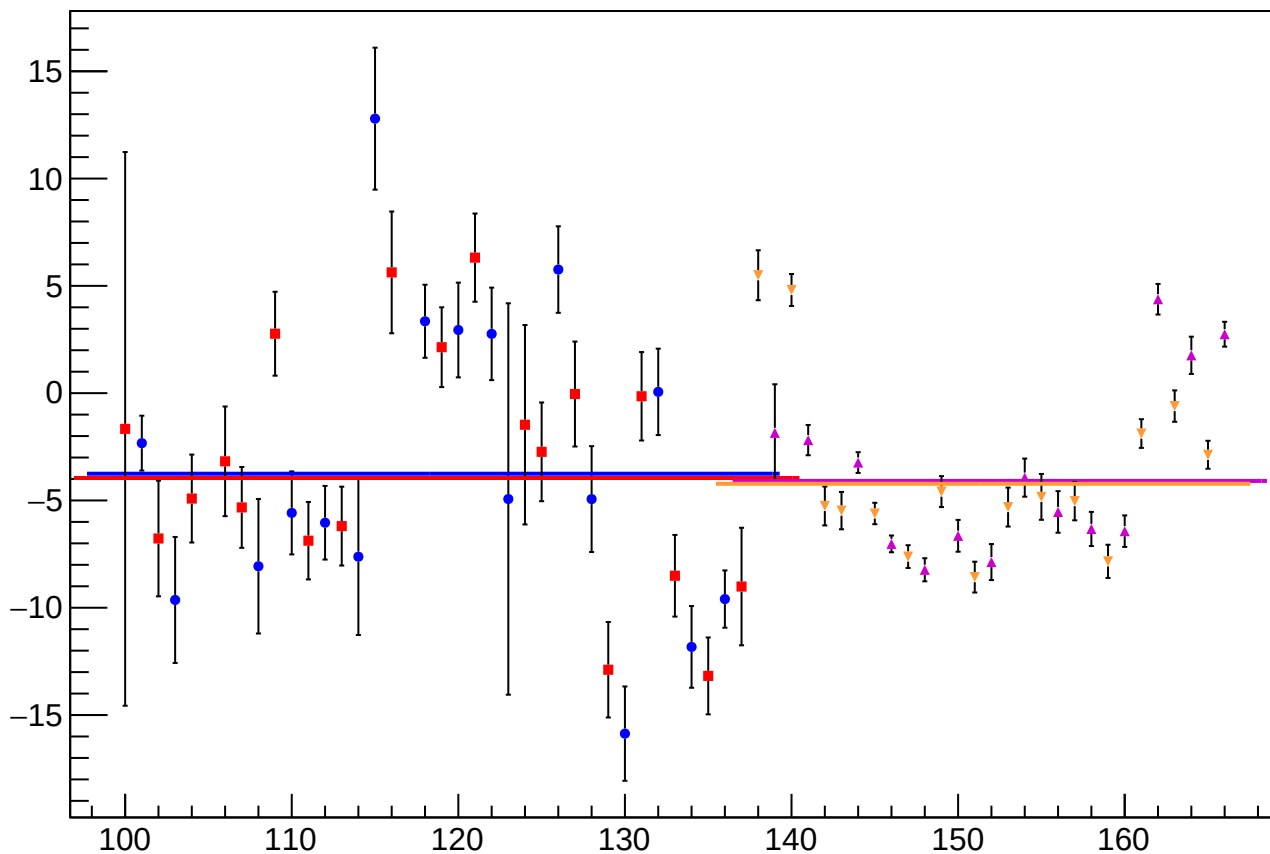
Left In: -30.934+/-0.251 χ^2/NDF : 2612.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.908+/-0.183 χ^2/NDF : 4712.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Left Out: -4.222 ± 0.189 χ^2/NDF : 370.9/14

Right Out: -3.954 ± 0.507 χ^2/NDF : 123.3/18

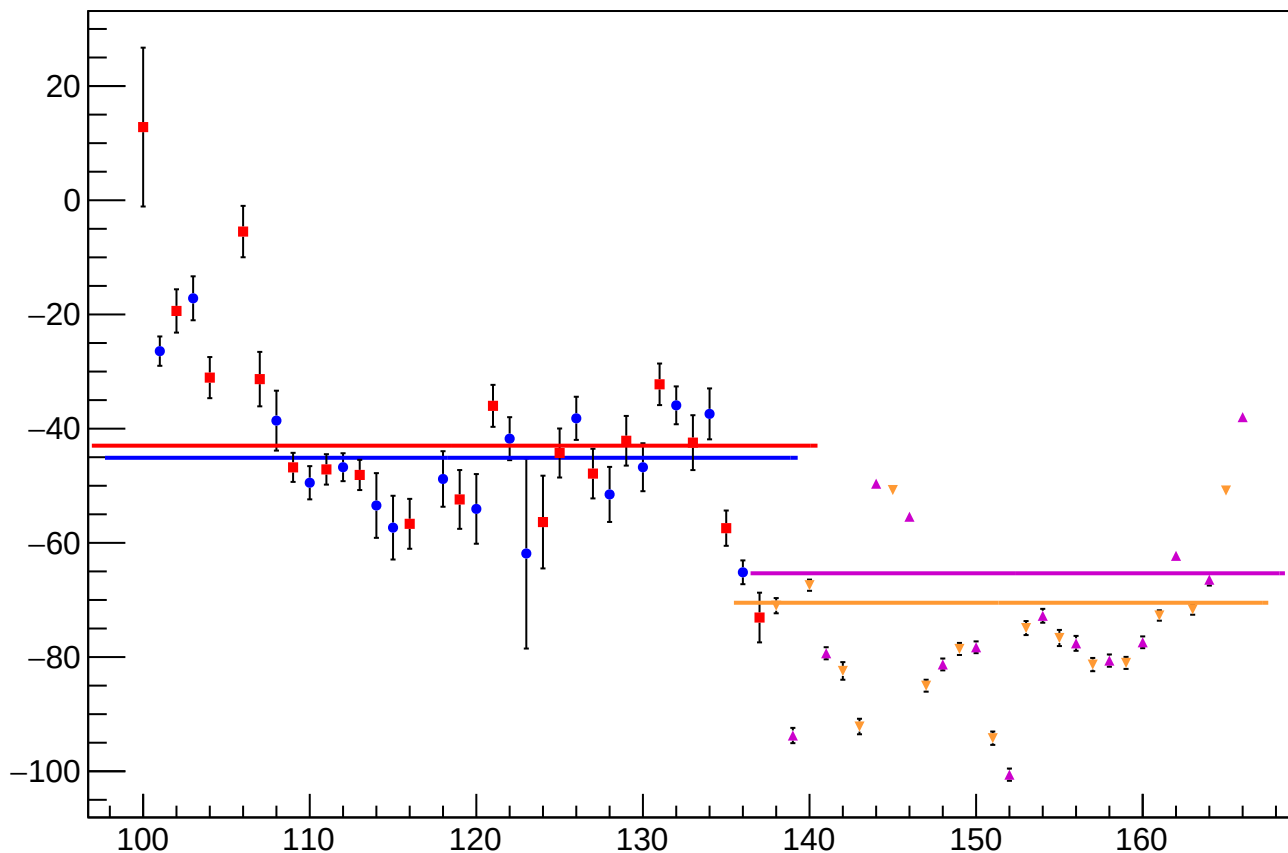
Left In: -4.091 ± 0.177 χ^2/NDF : 505.0/13

+ sign -4.163 ± 0.177 χ^2/NDF : 537.0/31

All: -4.117 ± 0.122 χ^2/NDF : 1165.5/64

- sign -4.076 ± 0.167 χ^2/NDF : 628.4/32

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -70.488 ± 0.265 χ^2/NDF : 2776.3/14

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

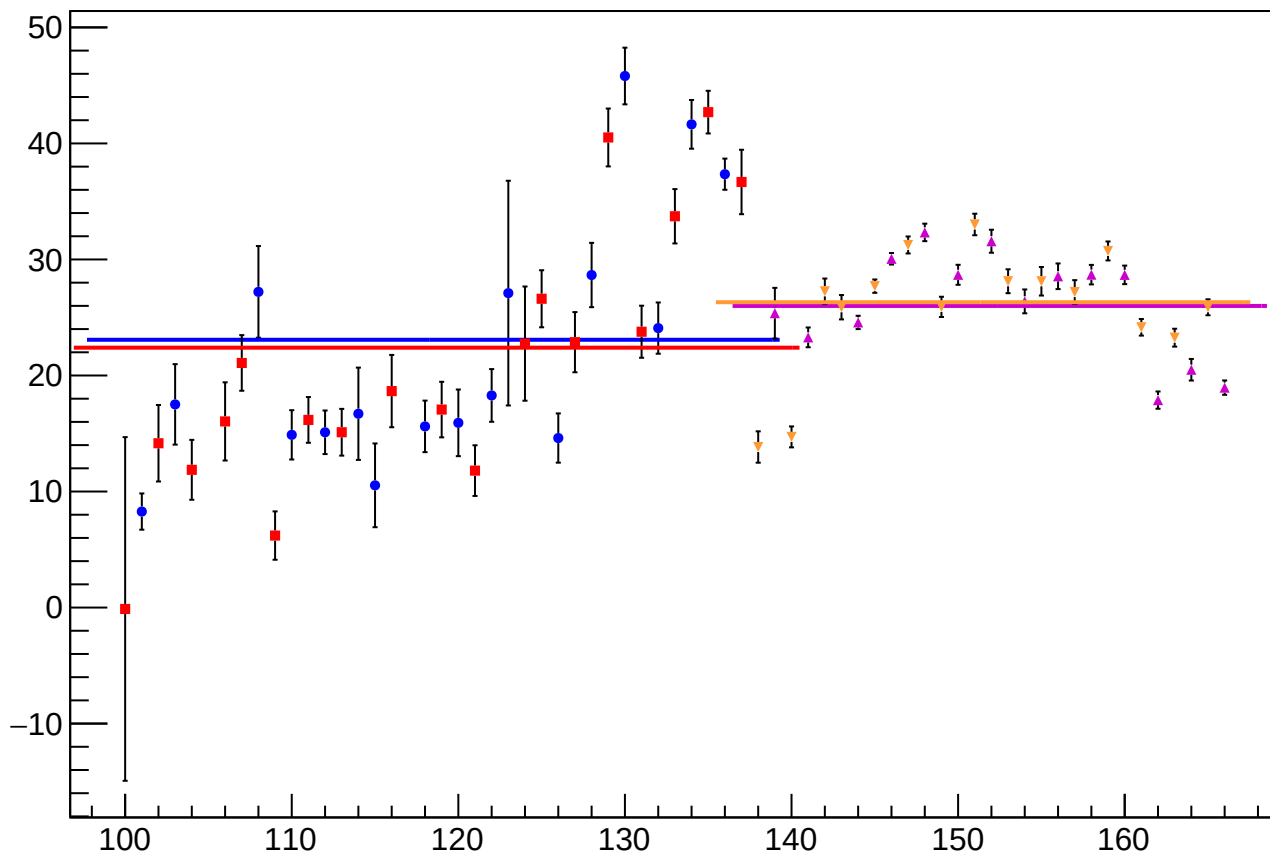
Left In: -65.329 ± 0.247 χ^2/NDF : 5049.2/13

+ sign -68.387 ± 0.253 χ^2/NDF : 3768.1/31

All: -65.887 ± 0.173 χ^2/NDF : 9850.4/64

- sign -63.689 ± 0.238 χ^2/NDF : 5899.4/32

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 26.315 $\pm$ 0.220 χ^2 /NDF:415.5/14

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

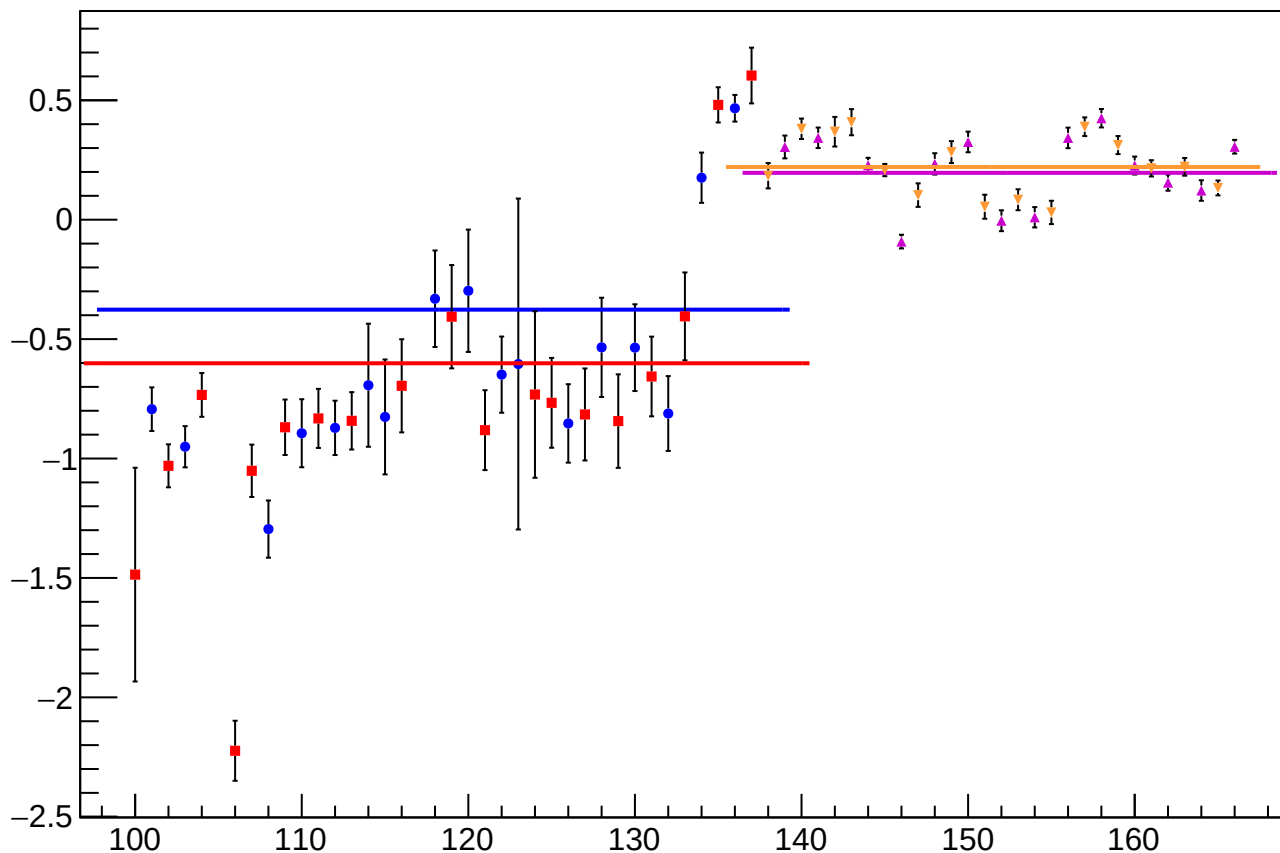
Left In: 25.994 $\pm$ 0.208 χ^2 /NDF:505.5/13

+ sign 25.876 $\pm$ 0.205 χ^2 /NDF: 905.9/31

All: 25.719 $\pm$ 0.141 χ^2 /NDF: 1817.8/64

- sign 25.575 $\pm$ 0.195 χ^2 /NDF: 910.7/32

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.221 ± 0.010 $\chi^2/\text{NDF}: 107.9/14$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

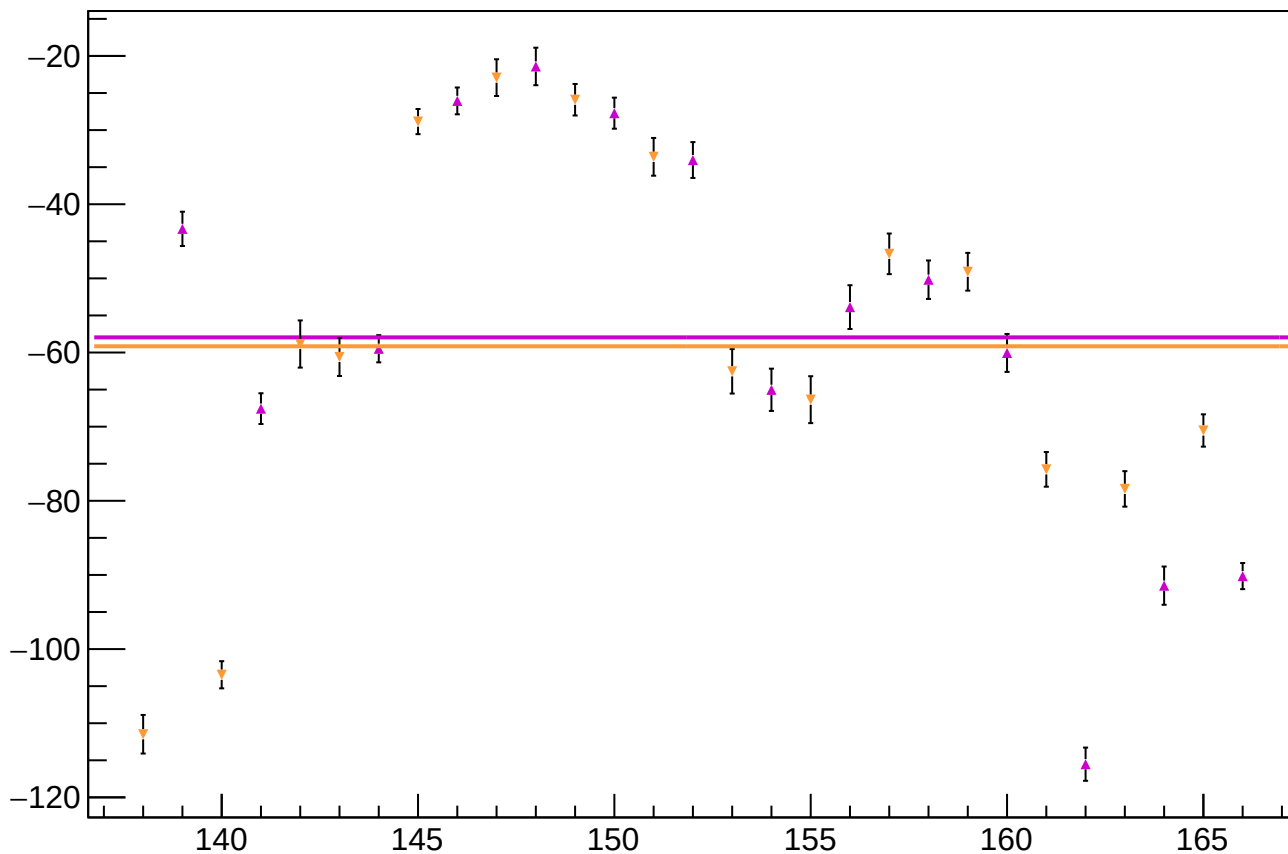
Left In: 0.196 ± 0.010 $\chi^2/\text{NDF}: 234.7/13$

+ sign 0.157 ± 0.010 $\chi^2/\text{NDF}: 897.4/31$

All: 0.136 ± 0.007 $\chi^2/\text{NDF}: 2324.8/64$

- sign 0.116 ± 0.010 $\chi^2/\text{NDF}: 1418.9/32$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -59.158+/-0.614 χ^2/NDF : 2052.6/14

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

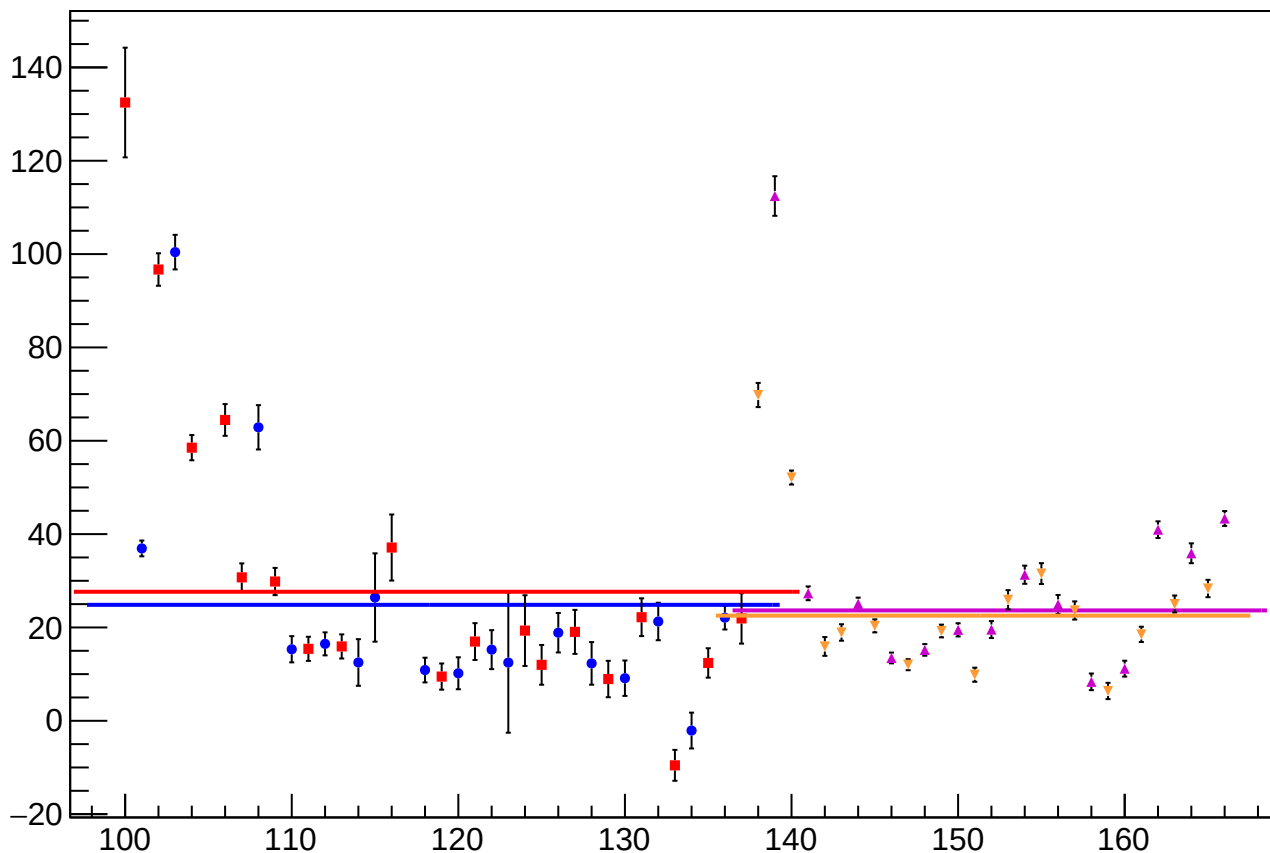
Left In: -57.957+/-0.599 χ^2/NDF : 2068.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.542+/-0.429 χ^2/NDF : 4123.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 ± 0.801 χ^2/NDF : 690.8/16

Left Out: 22.534 ± 0.432 χ^2/NDF : 1016.6/14

Right Out: 27.648 ± 0.810 χ^2/NDF : 1009.2/18

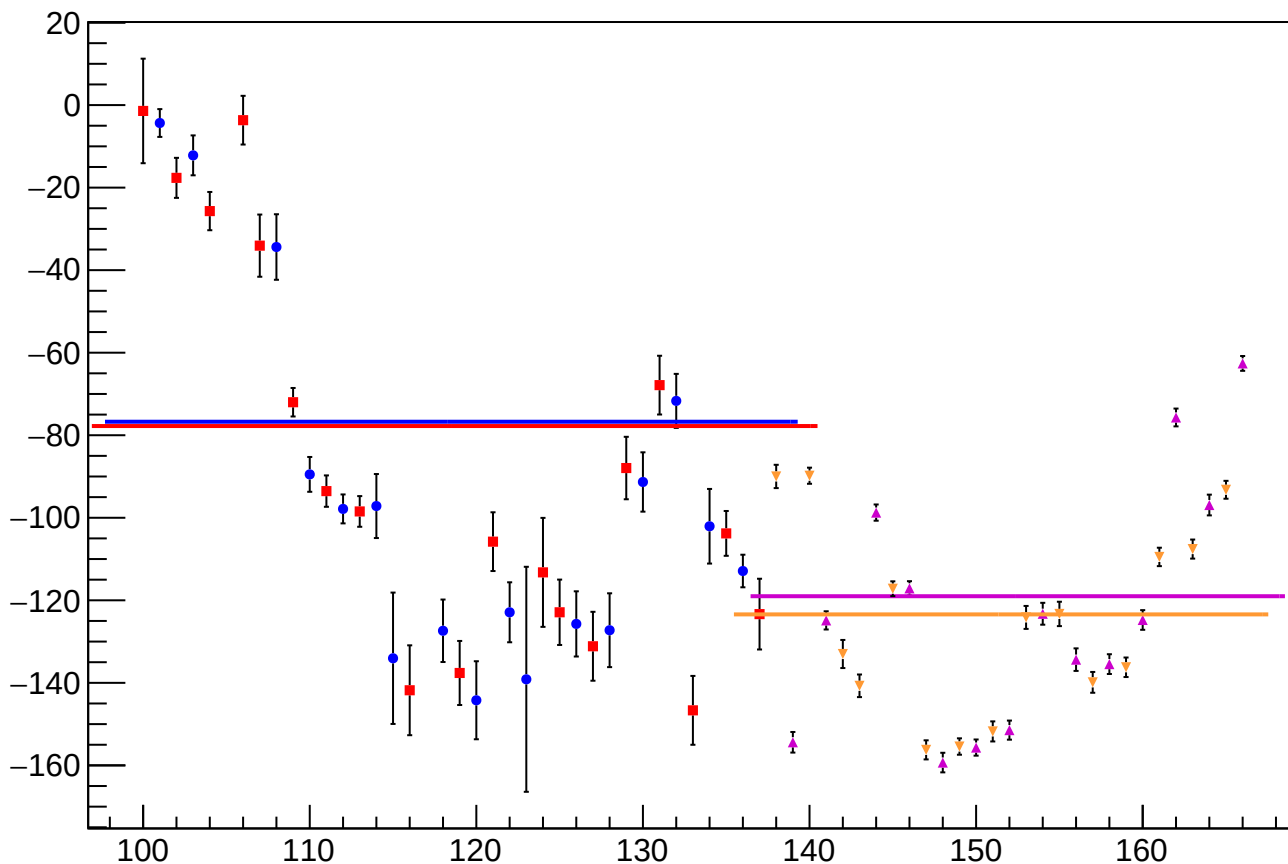
Left In: 23.653 ± 0.431 χ^2/NDF : 1006.5/13

+ sign 23.056 ± 0.380 χ^2/NDF : 1713.9/31

All: 23.795 ± 0.269 χ^2/NDF : 3756.1/64

- sign 24.533 ± 0.380 χ^2/NDF : 2034.7/32

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -123.414 ± 0.608 χ^2/NDF : 1445.6/14

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

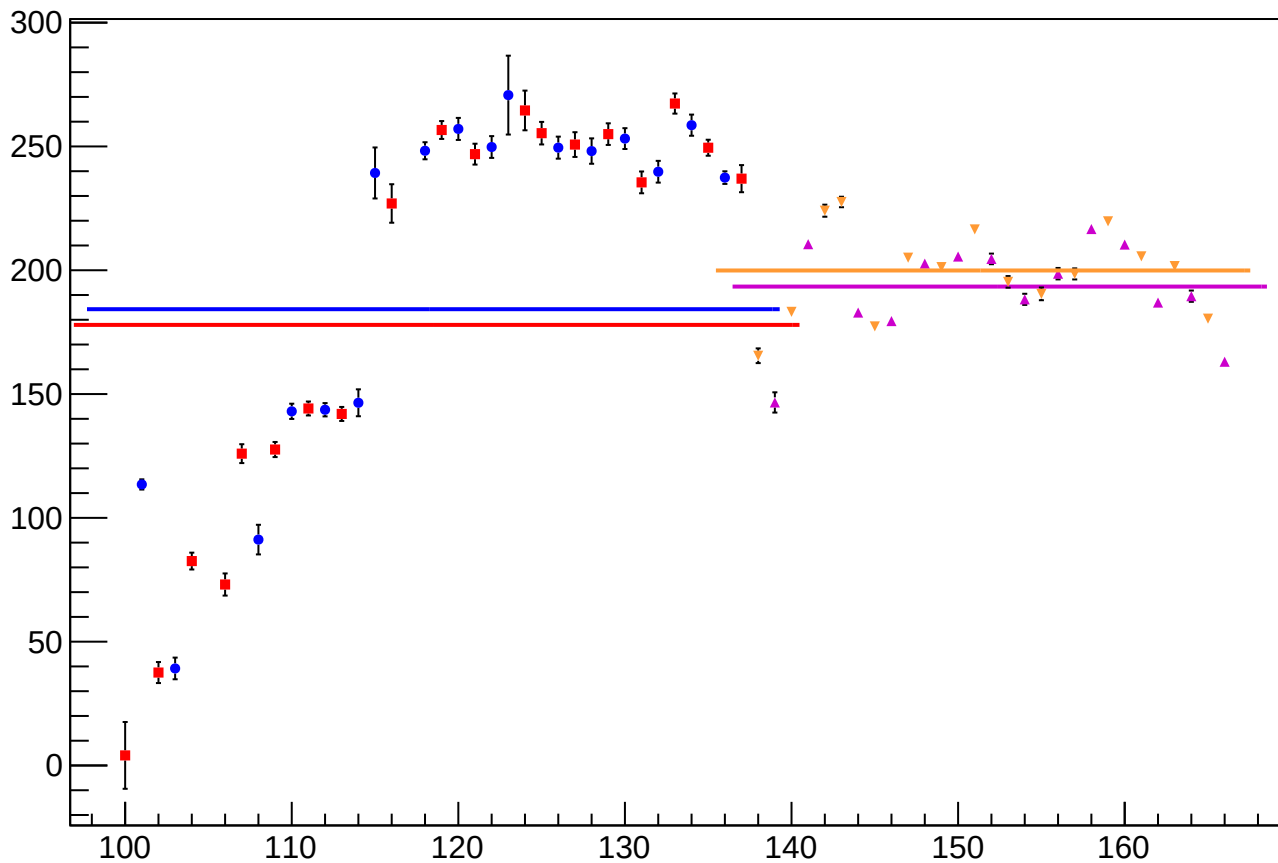
Left In: -119.008 ± 0.588 χ^2/NDF : 2707.1/13

+ sign -116.123 ± 0.558 χ^2/NDF : 3409.8/31

All: -114.223 ± 0.388 χ^2/NDF : 7793.0/64

- sign -112.448 ± 0.539 χ^2/NDF : 4360.8/32

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 ± 0.914 $\chi^2/\text{NDF}: 5401.0/16$

Left Out: 199.906 ± 0.506 $\chi^2/\text{NDF}: 1013.9/14$

Right Out: 177.930 ± 0.924 $\chi^2/\text{NDF}: 6330.9/18$

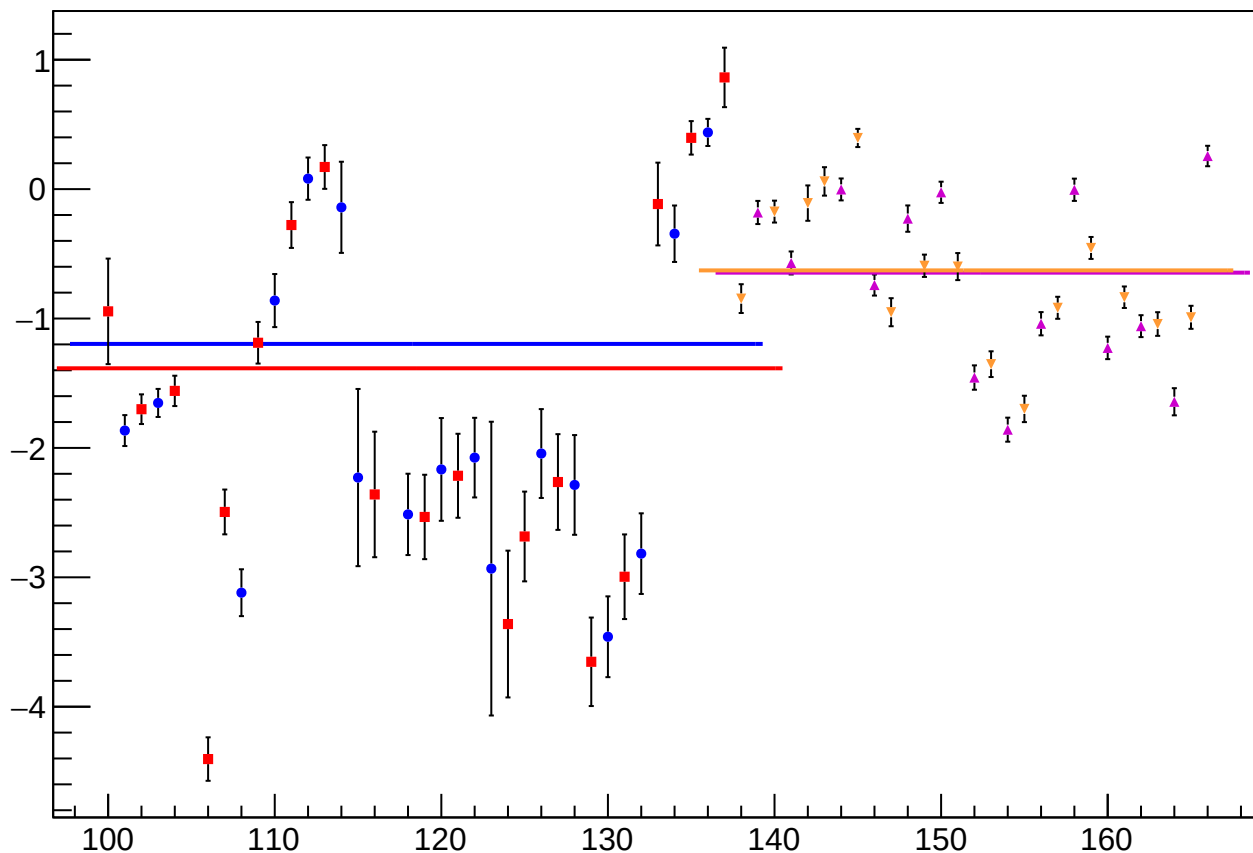
Left In: 193.406 ± 0.501 $\chi^2/\text{NDF}: 1053.0/13$

+ sign 196.233 ± 0.443 $\chi^2/\text{NDF}: 6639.0/31$

All: 193.044 ± 0.312 $\chi^2/\text{NDF}: 14342.9/64$

- sign 189.891 ± 0.440 $\chi^2/\text{NDF}: 7600.8/32$

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.628 ± 0.024 χ^2/NDF : 529.7/14

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

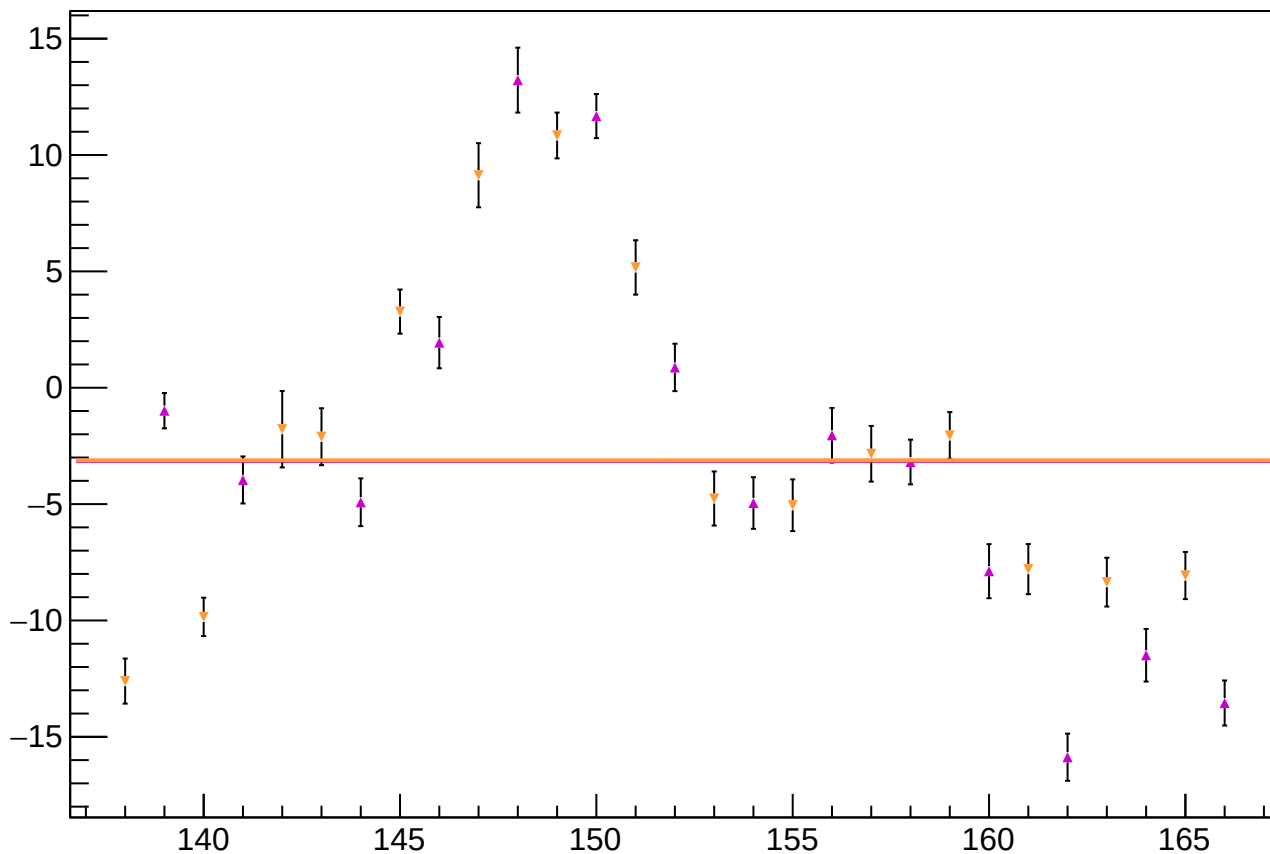
Left In: -0.645 ± 0.024 χ^2/NDF : 769.5/13

+ sign -0.741 ± 0.021 χ^2/NDF : 1264.5/31

All: -0.772 ± 0.015 χ^2/NDF : 3168.4/64

- sign -0.801 ± 0.021 χ^2/NDF : 1900.0/32

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -3.120+/-0.278 χ^2/NDF : 614.0/14

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

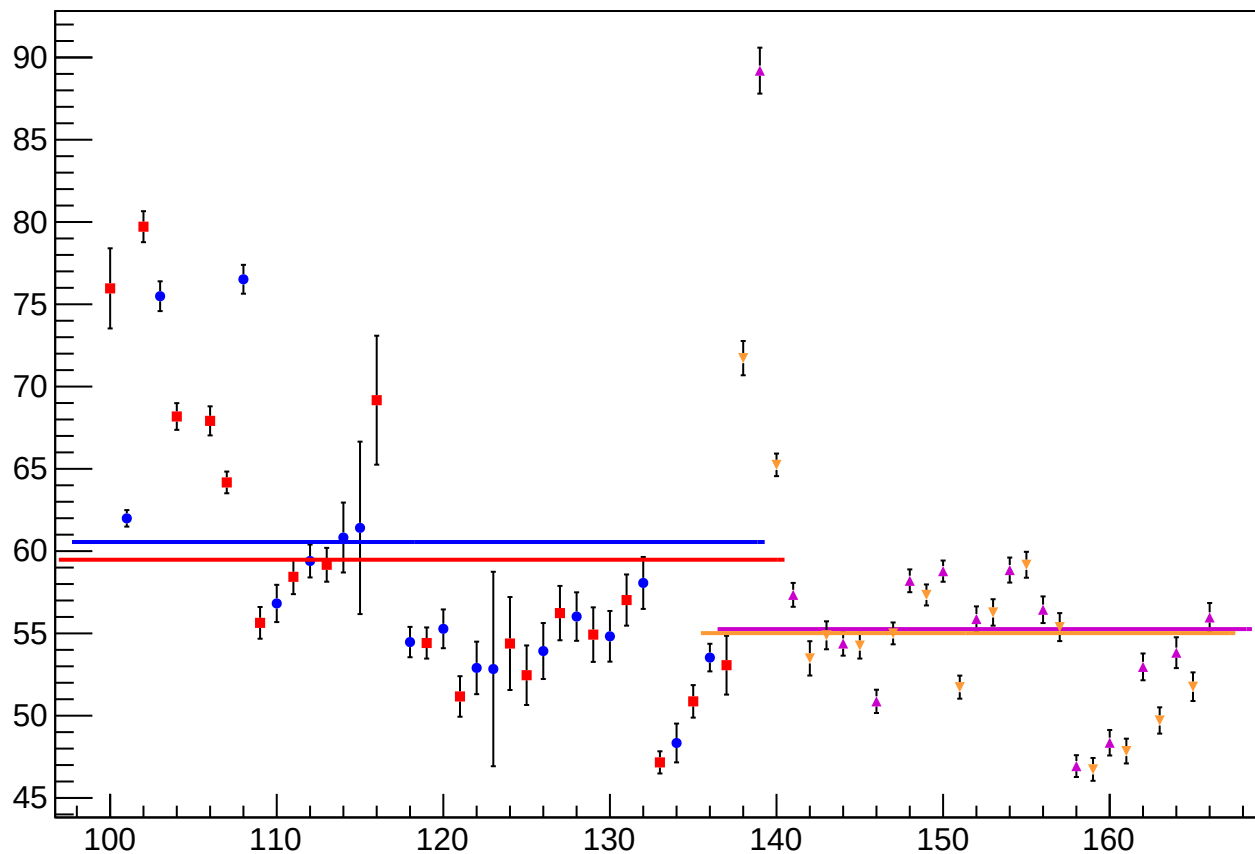
Left In: -3.147+/-0.275 χ^2/NDF : 779.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.133+/-0.195 χ^2/NDF : 1393.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 55.018 $\pm$ 0.200 χ^2 /NDF:839.3/14

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

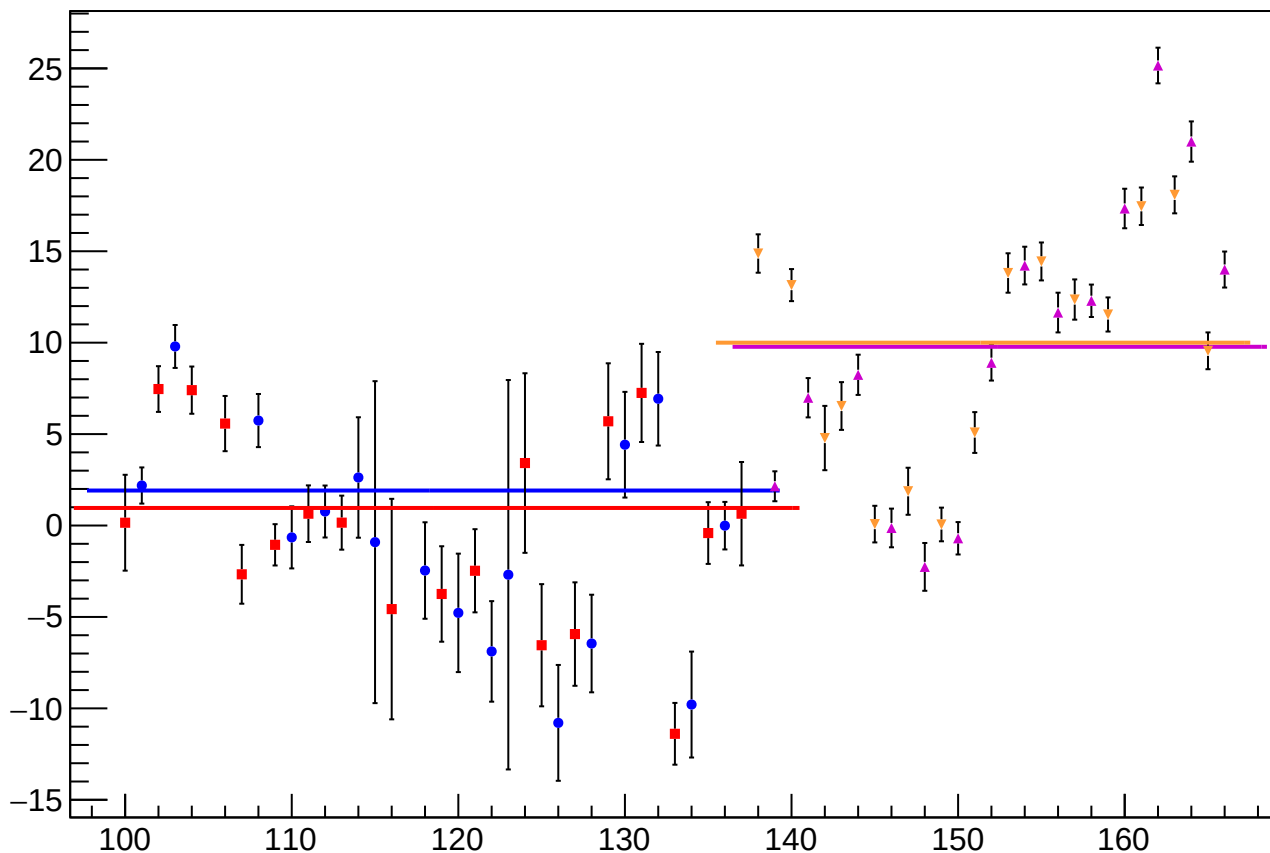
Left In: 55.263 $\pm$ 0.206 χ^2 /NDF:959.8/13

+ sign 57.061 $\pm$ 0.159 χ^2 /NDF: 2052.7/31

All: 57.022 $\pm$ 0.112 χ^2 /NDF: 4500.7/64

- sign 56.984 $\pm$ 0.158 χ^2 /NDF: 2447.8/32

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 10.000 ± 0.273 χ^2/NDF : 479.5/14

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

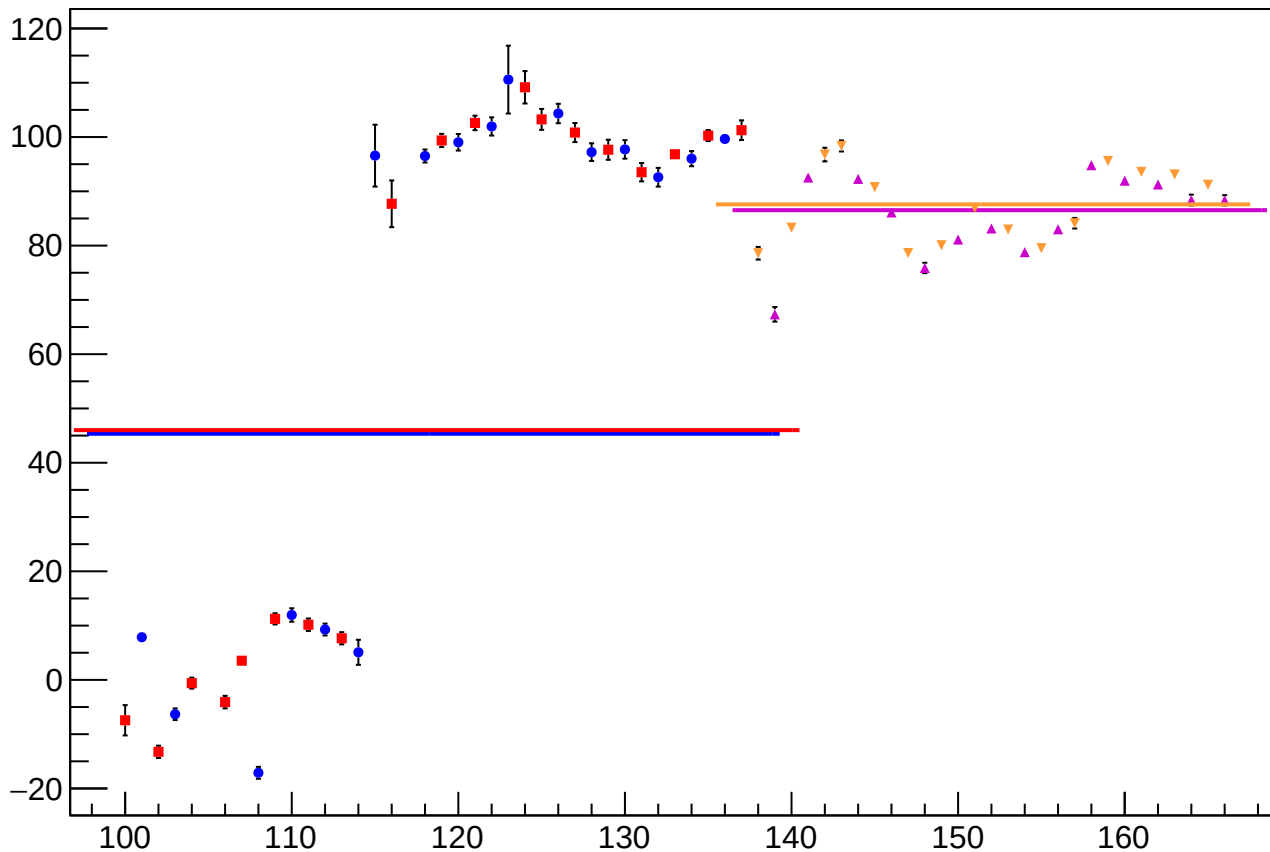
Left In: 9.775 ± 0.269 χ^2/NDF : 857.9/13

+ sign 7.874 ± 0.235 χ^2/NDF : 831.1/31

All: 7.550 ± 0.163 χ^2/NDF : 2150.1/64

- sign 7.246 ± 0.227 χ^2/NDF : 1315.2/32

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 87.596 $\pm$ 0.231 χ^2 /NDF:811.3/14

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

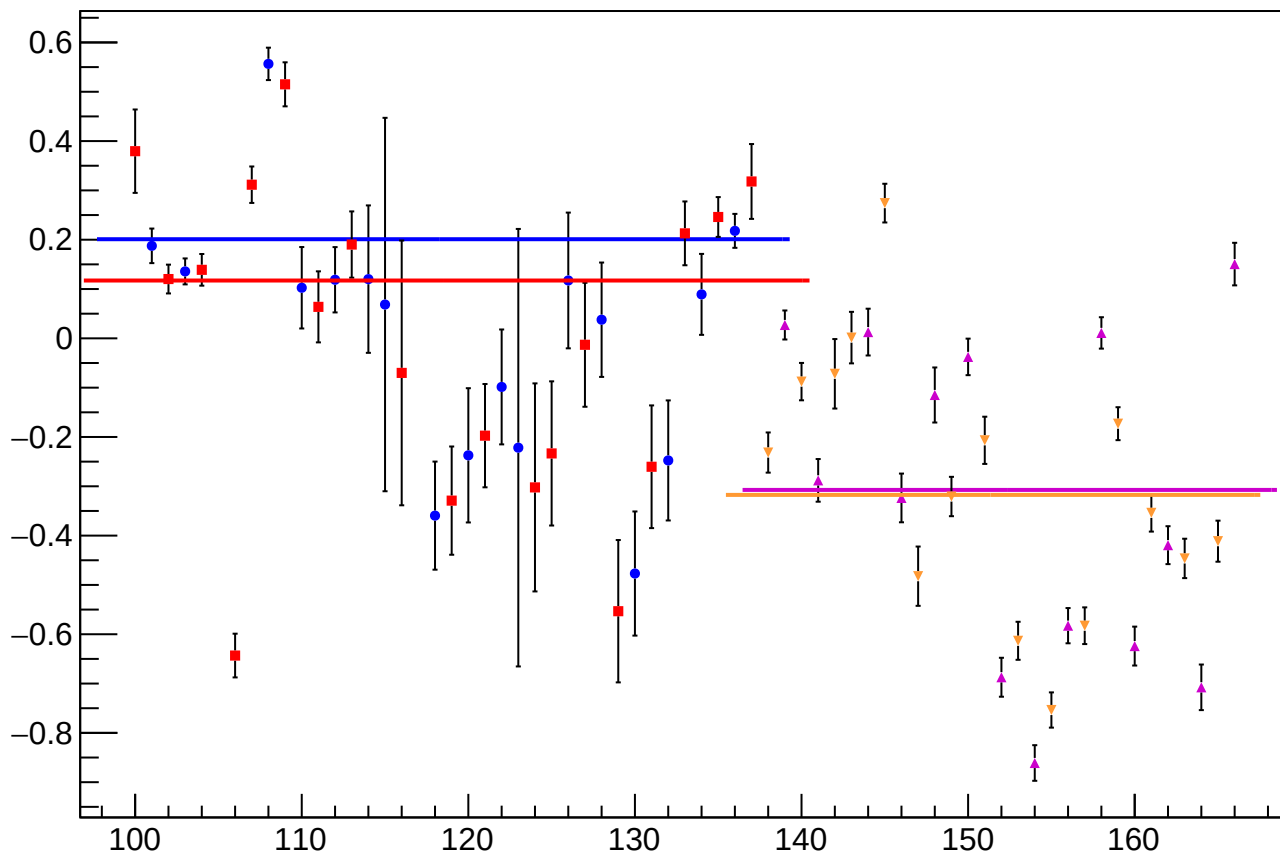
Left In: 86.526 $\pm$ 0.235 χ^2 /NDF:798.5/13

+ sign 72.070 $\pm$ 0.184 χ^2 /NDF: 38162.9/31

All: 71.240 $\pm$ 0.130 χ^2 /NDF: 79028.6/64

- sign 70.423 $\pm$ 0.182 χ^2 /NDF: 40825.2/32

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.317 ± 0.011 χ^2/NDF : 624.6/14

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

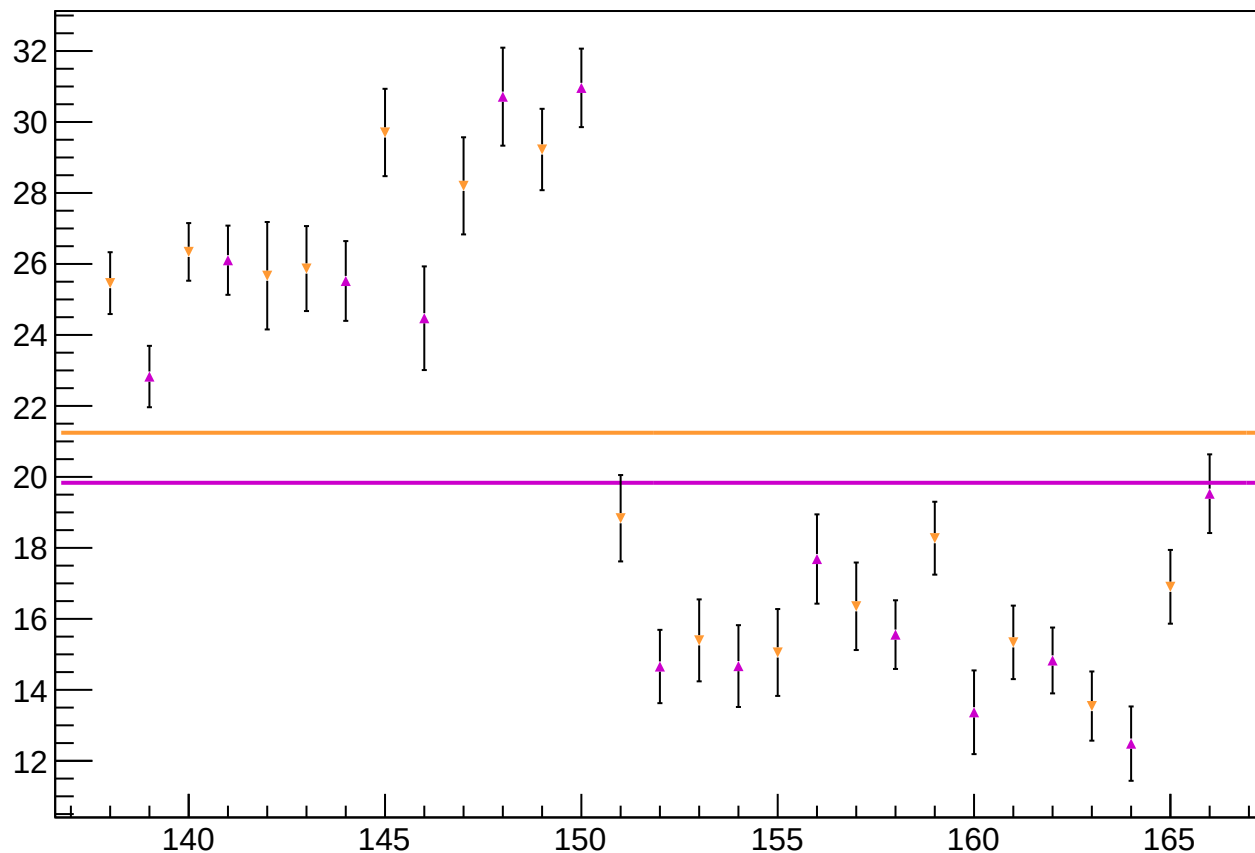
Left In: -0.307 ± 0.010 χ^2/NDF : 987.5/13

+ sign -0.128 ± 0.008 χ^2/NDF : 1708.9/31

All: -0.134 ± 0.006 χ^2/NDF : 3842.8/64

- sign -0.140 ± 0.008 χ^2/NDF : 2132.9/32

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 21.244+/-0.282 χ^2/NDF : 399.5/14

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

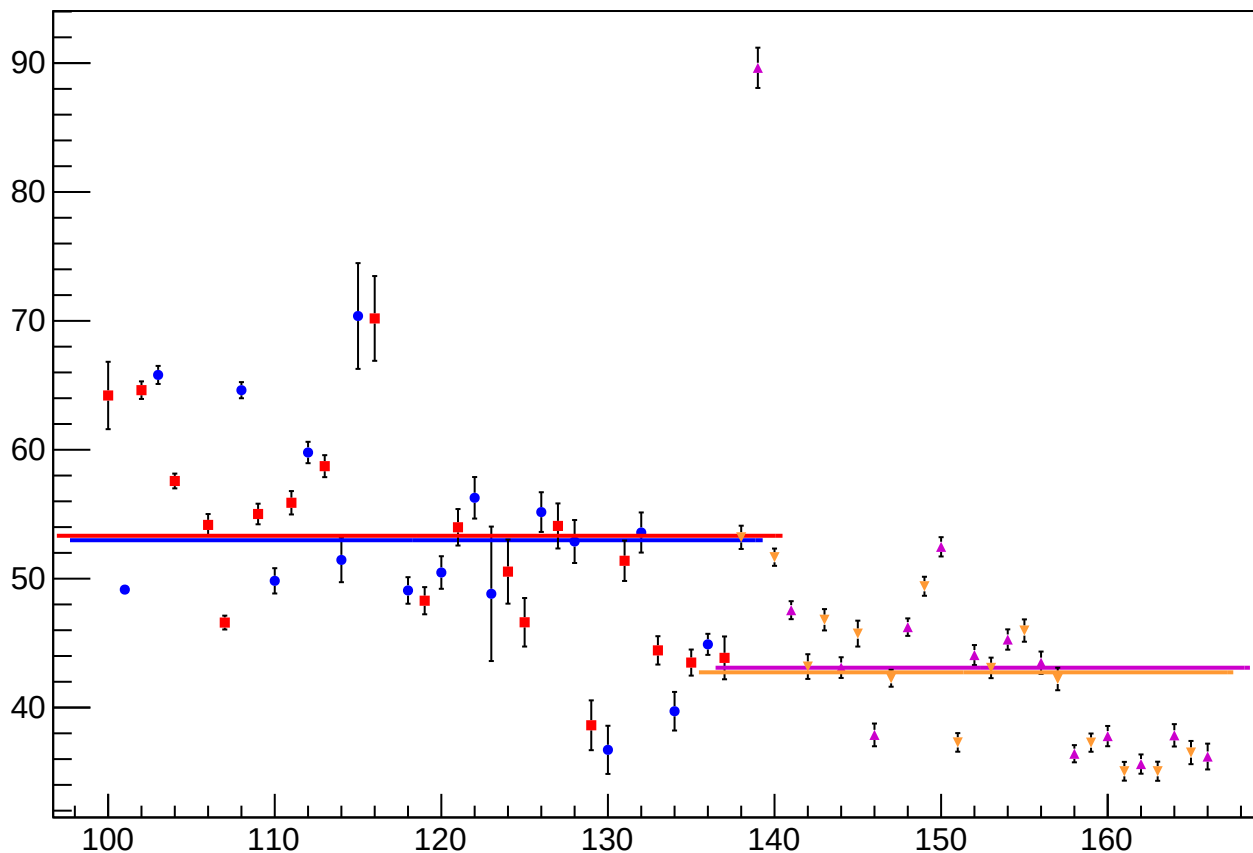
Left In: 19.834+/-0.289 χ^2/NDF : 428.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.555+/-0.202 χ^2/NDF : 840.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981+/-0.210 χ^2/NDF : 1197.8/16

Left Out: 42.733+/-0.203 χ^2/NDF : 825.1/14

Right Out: 53.328+/-0.227 χ^2/NDF : 872.7/18

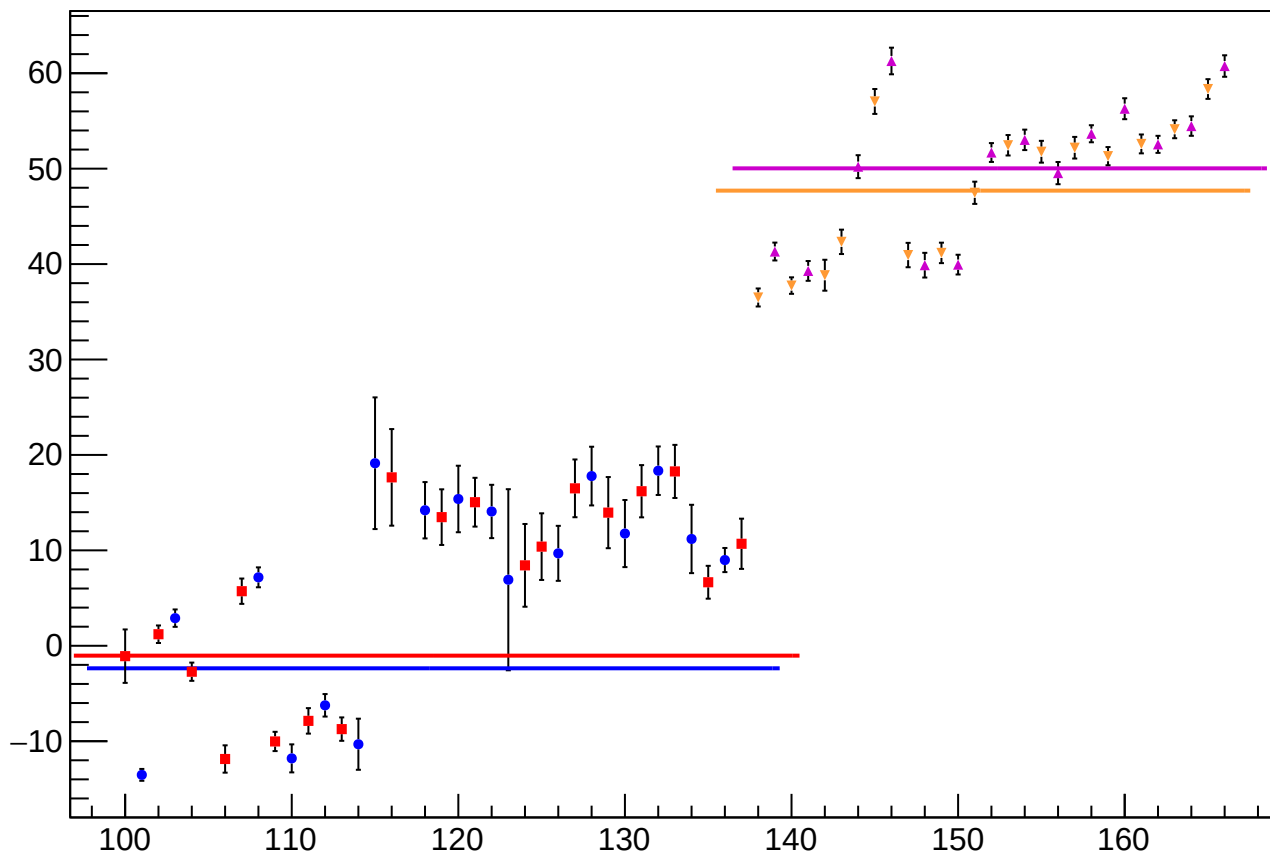
Left In: 43.090+/-0.214 χ^2/NDF : 1480.0/13

+ sign 47.683+/-0.146 χ^2/NDF : 3252.2/31

All: 47.791+/-0.106 χ^2/NDF : 6684.6/64

- sign 47.914+/-0.156 χ^2/NDF : 3431.2/32

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 47.697 ± 0.279 χ^2/NDF : 676.7/14

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

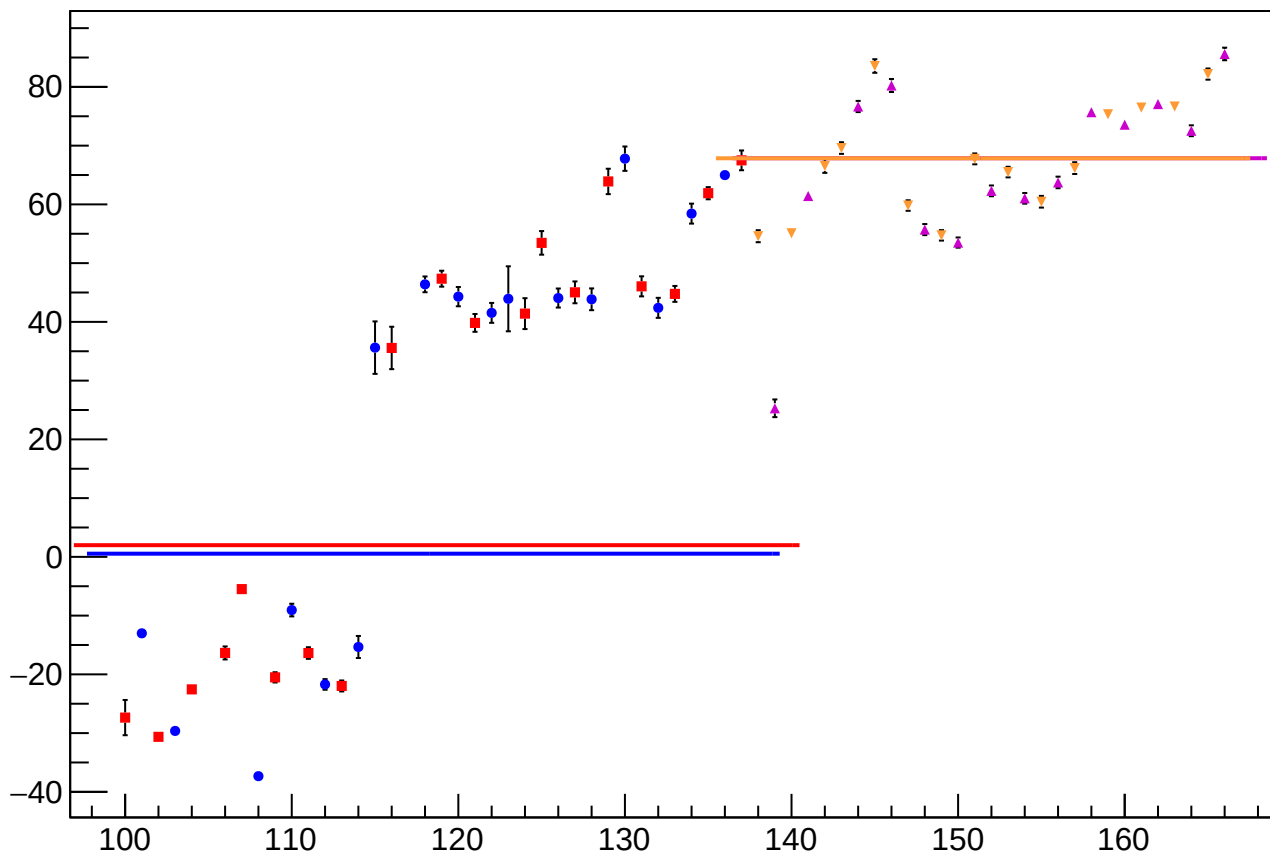
Left In: 50.031 ± 0.283 χ^2/NDF : 592.9/13

+ sign 29.176 ± 0.221 χ^2/NDF : 13444.5/31

All: 30.390 ± 0.158 χ^2/NDF : 26358.4/64

- sign 31.658 ± 0.226 χ^2/NDF : 12852.4/32

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 67.849 ± 0.235 χ^2/NDF : 1549.6/14

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

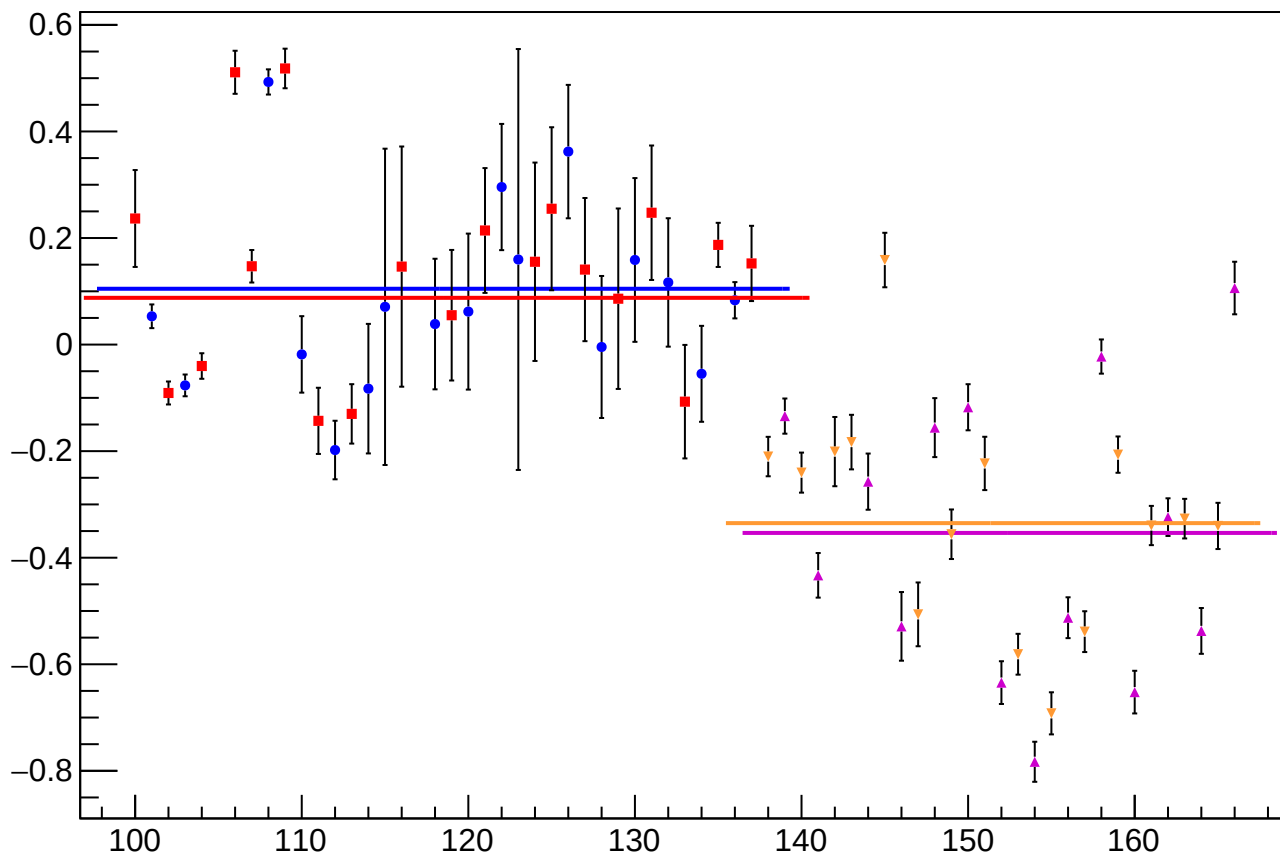
Left In: 67.856 ± 0.244 χ^2/NDF : 2230.3/13

+ sign 35.841 ± 0.170 χ^2/NDF : 59011.4/31

All: 36.762 ± 0.124 χ^2/NDF : 109980.0/64

- sign 37.793 ± 0.180 χ^2/NDF : 50906.6/32

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.335 ± 0.011 χ^2/NDF : 303.0/14

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

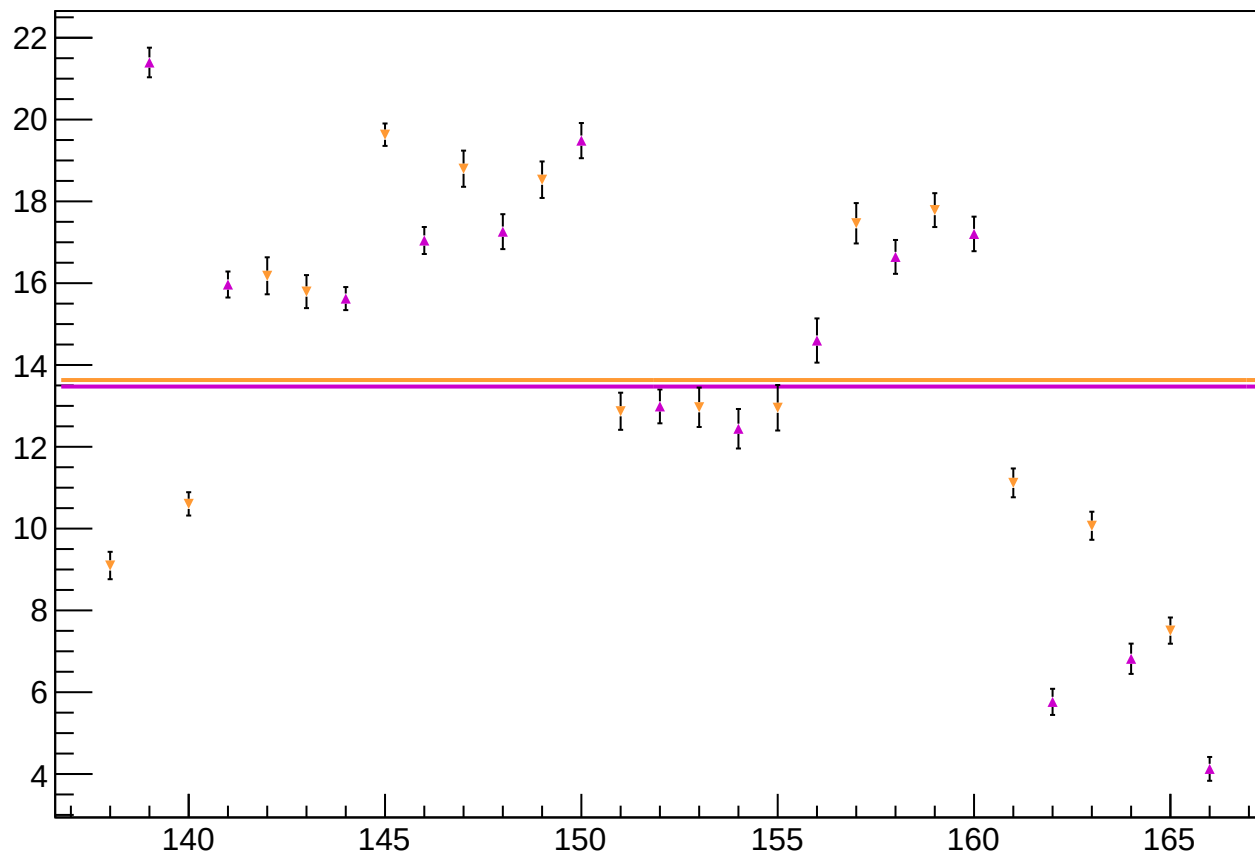
Left In: -0.354 ± 0.011 χ^2/NDF : 565.7/13

+ sign -0.118 ± 0.008 χ^2/NDF : 1509.1/31

All: -0.126 ± 0.005 χ^2/NDF : 3274.1/64

- sign -0.133 ± 0.008 χ^2/NDF : 1763.0/32

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 13.632+/-0.098 χ^2/NDF :1783.7/14

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

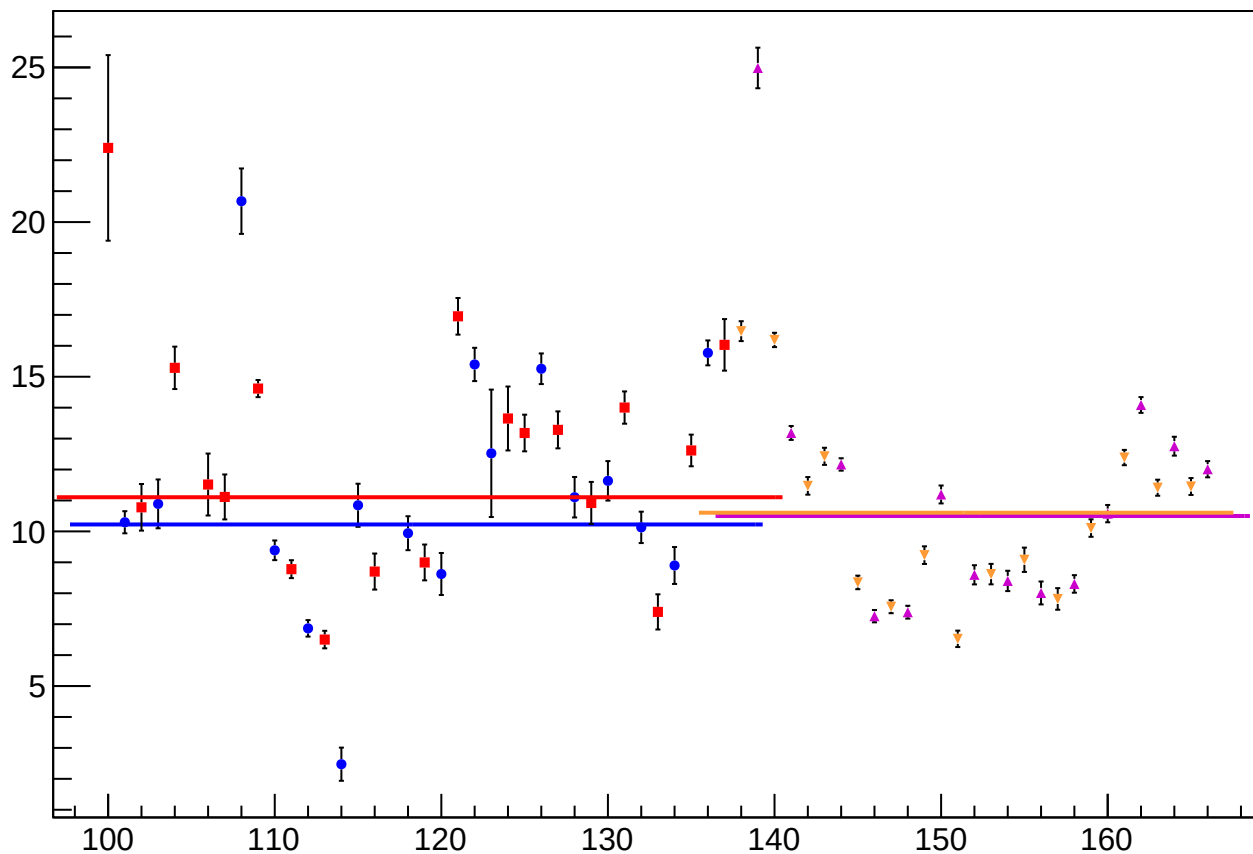
Left In: 13.473+/-0.098 χ^2/NDF :3072.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

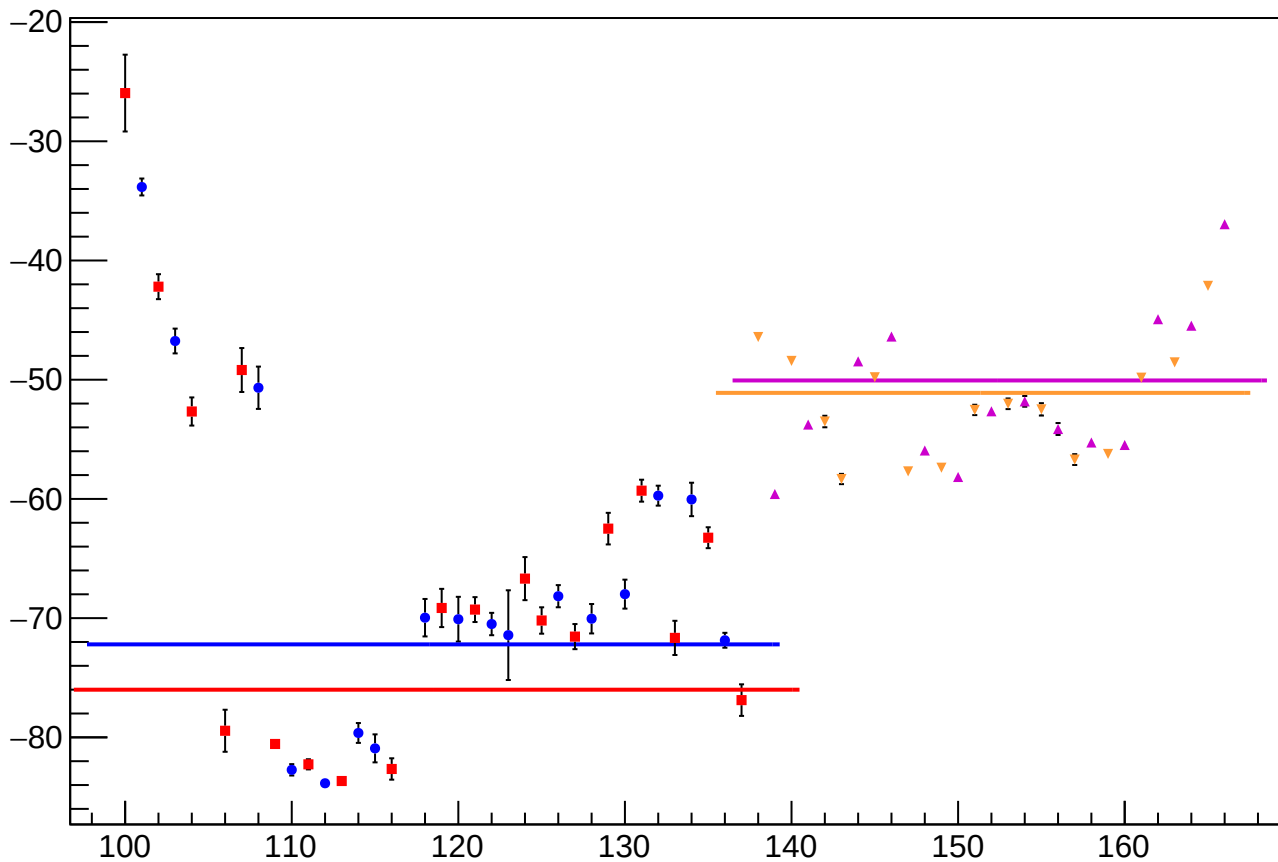
All: 13.552+/-0.069 χ^2/NDF : 4857.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -51.103 ± 0.098 χ^2/NDF : 2271.6/14

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

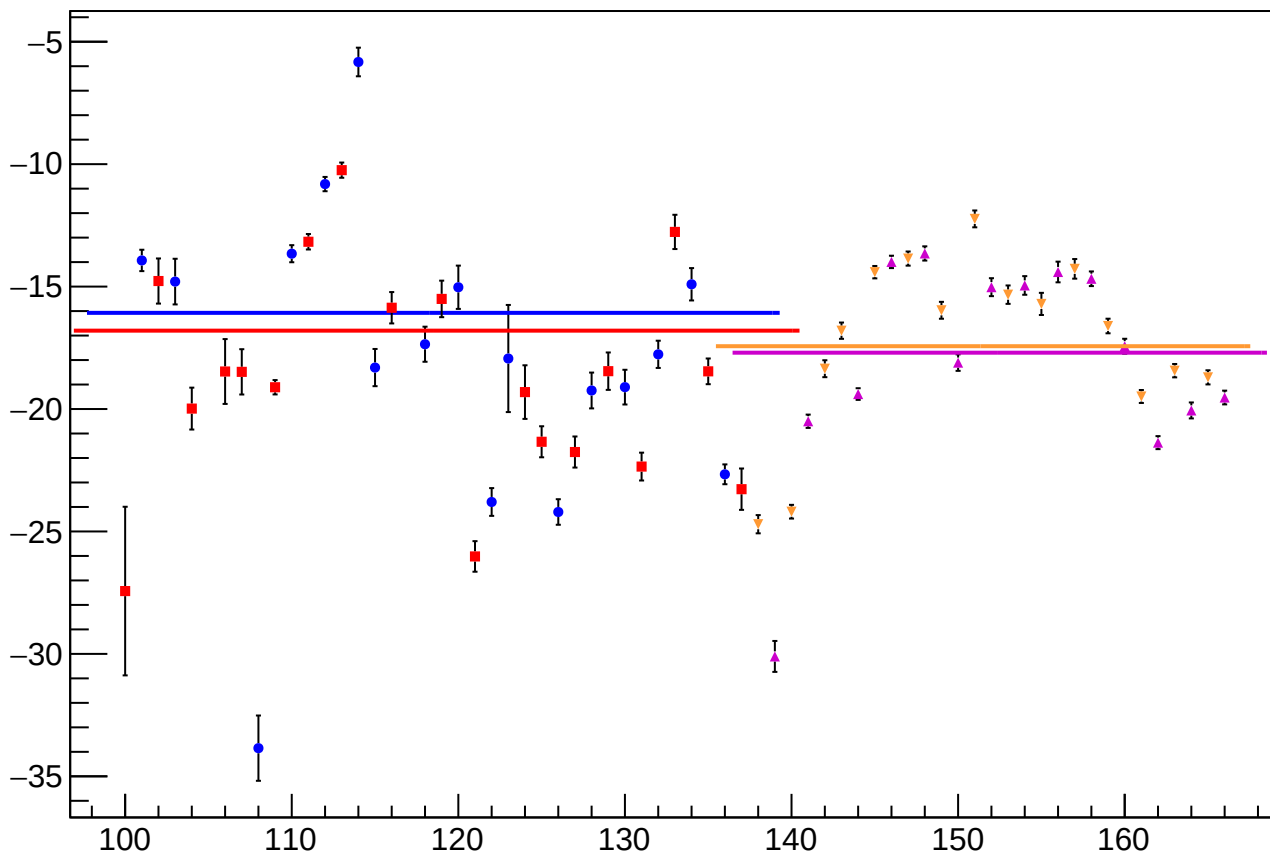
Left In: -50.062 ± 0.097 χ^2/NDF : 4391.5/13

+ sign -55.244 ± 0.088 χ^2/NDF : 16992.2/31

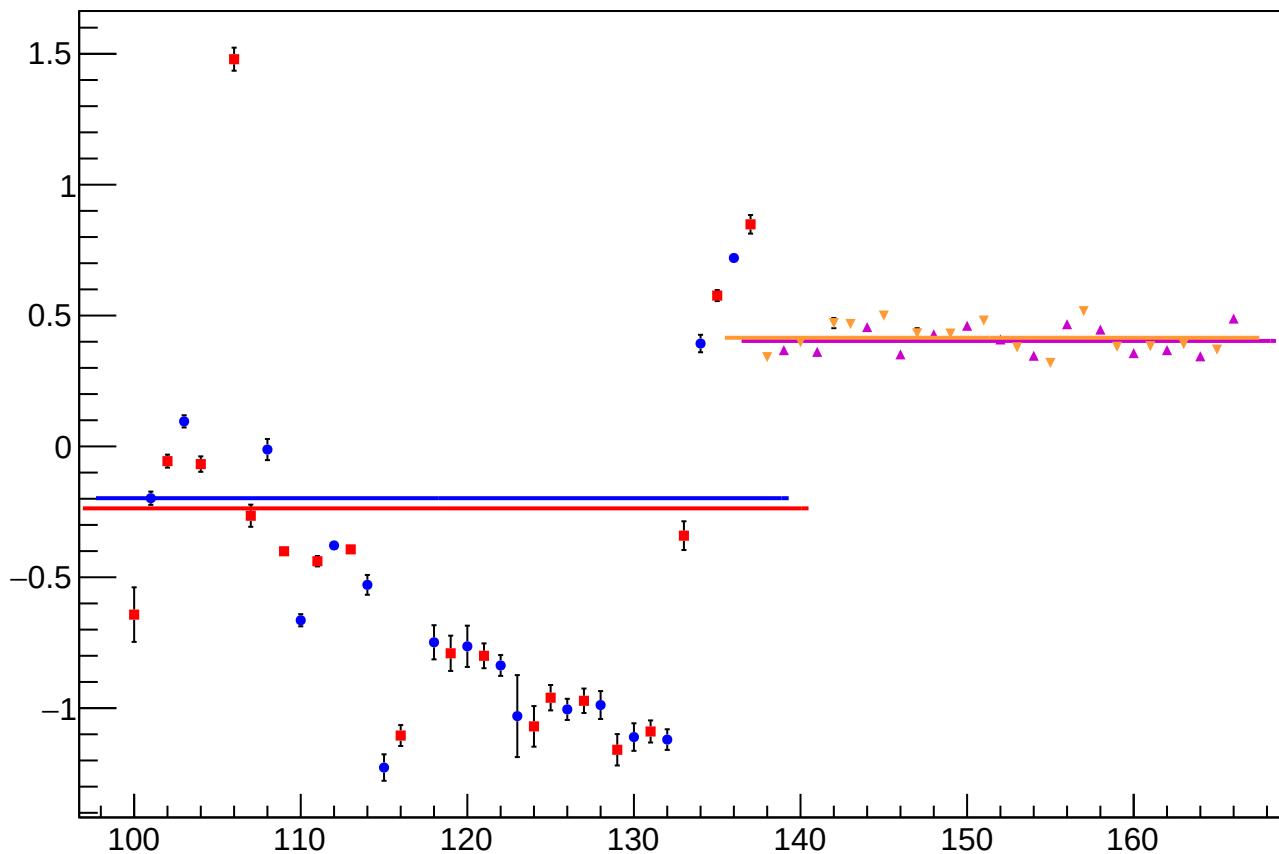
All: -55.543 ± 0.061 χ^2/NDF : 40859.9/64

- sign -55.826 ± 0.085 χ^2/NDF : 23845.0/32

reg_asym_sam7_diff_bpm4eY_slope vs Slug



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 : 220.0/14

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

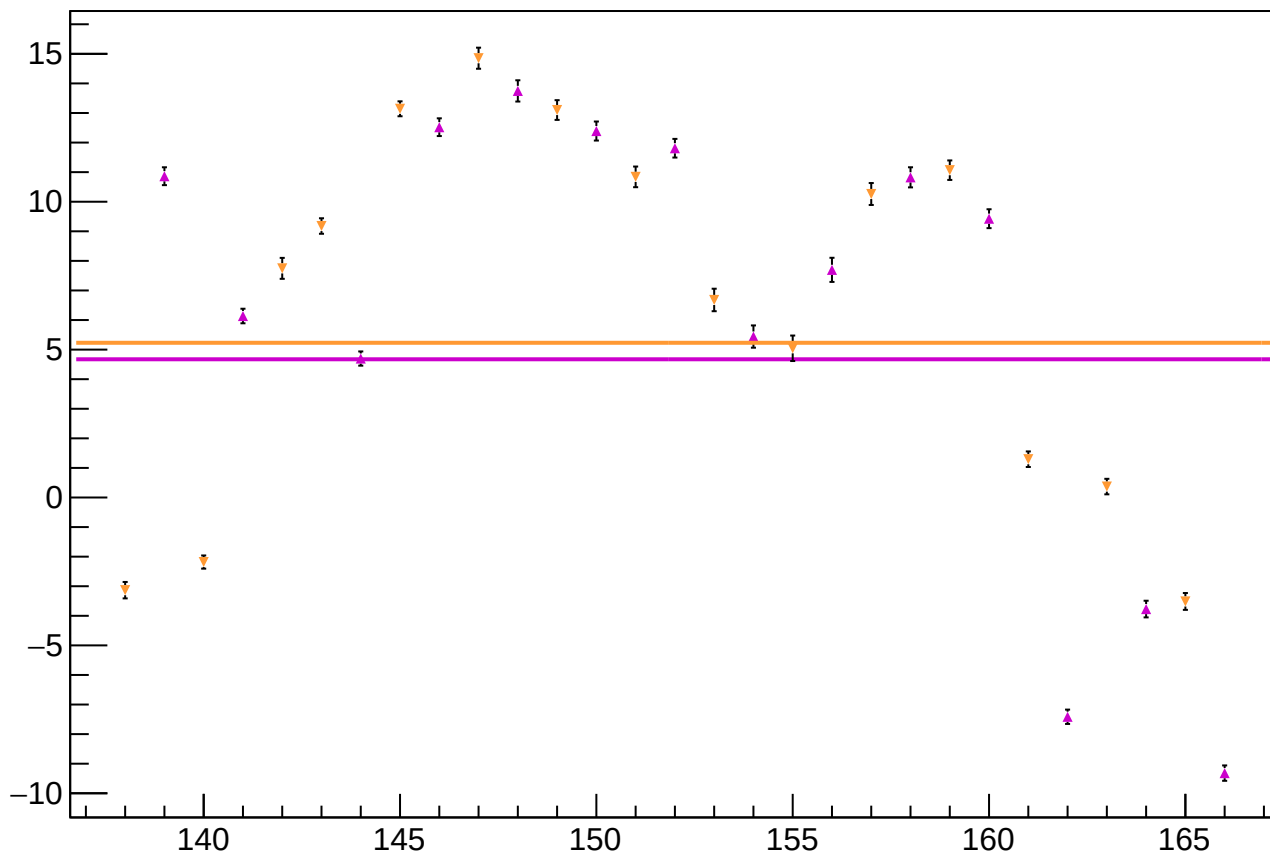
Left In: 0.403 ± 0.004 χ^2/NDF : 173.5/13

+ sign 0.288 ± 0.003 χ^2/NDF : 11799.3/31

All: 0.273 ± 0.002 χ^2/NDF : 24394.7/64

- sign 0.259 ± 0.003 χ^2/NDF : 12559.5/32

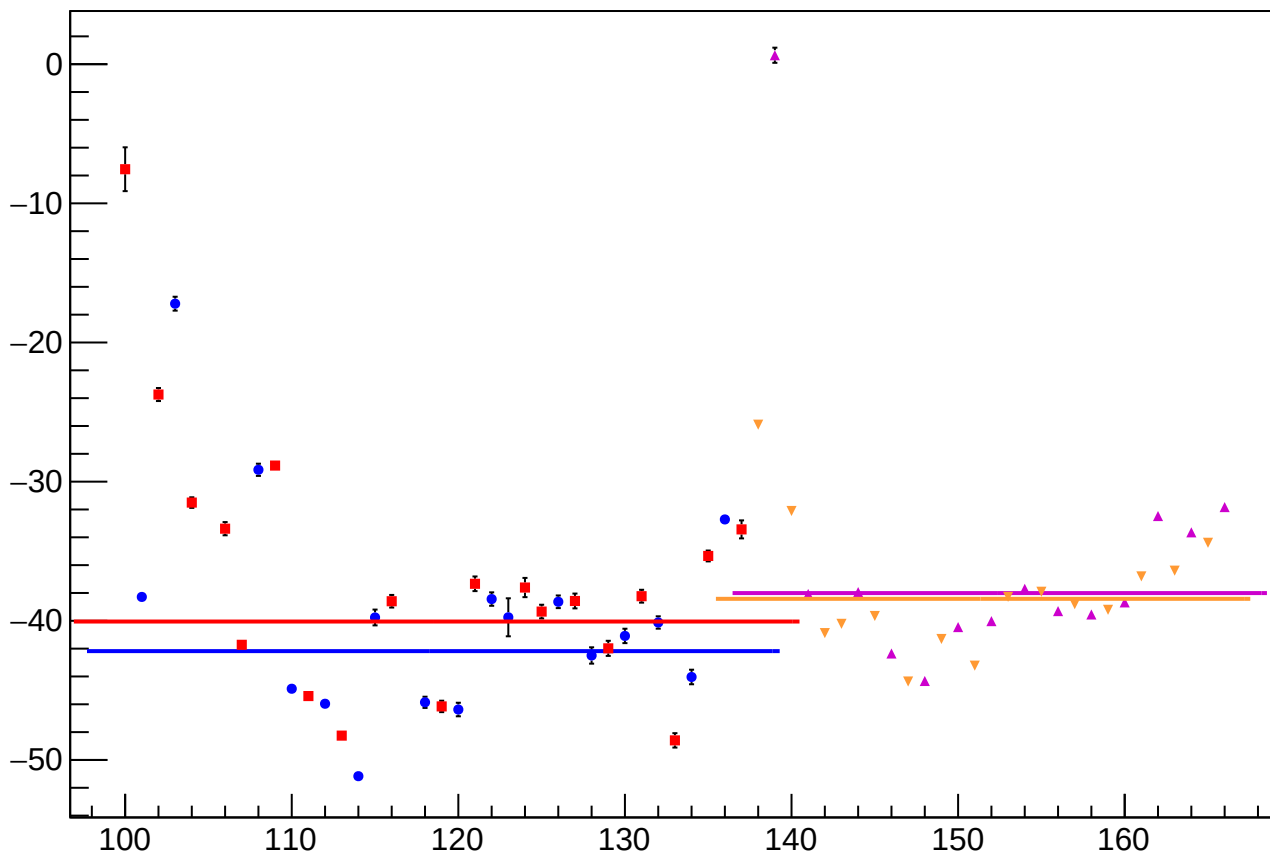
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.231 $\pm$ 0.077 χ^2 /NDF:6843.0/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.673 $\pm$ 0.079 χ^2 /NDF:9760.5/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.958 $\pm$ 0.055 χ^2 /NDF: 16628.8/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 ± 0.078 χ^2/NDF : 6573.8/16

Left Out: -38.421 ± 0.055 χ^2/NDF : 6052.2/14

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

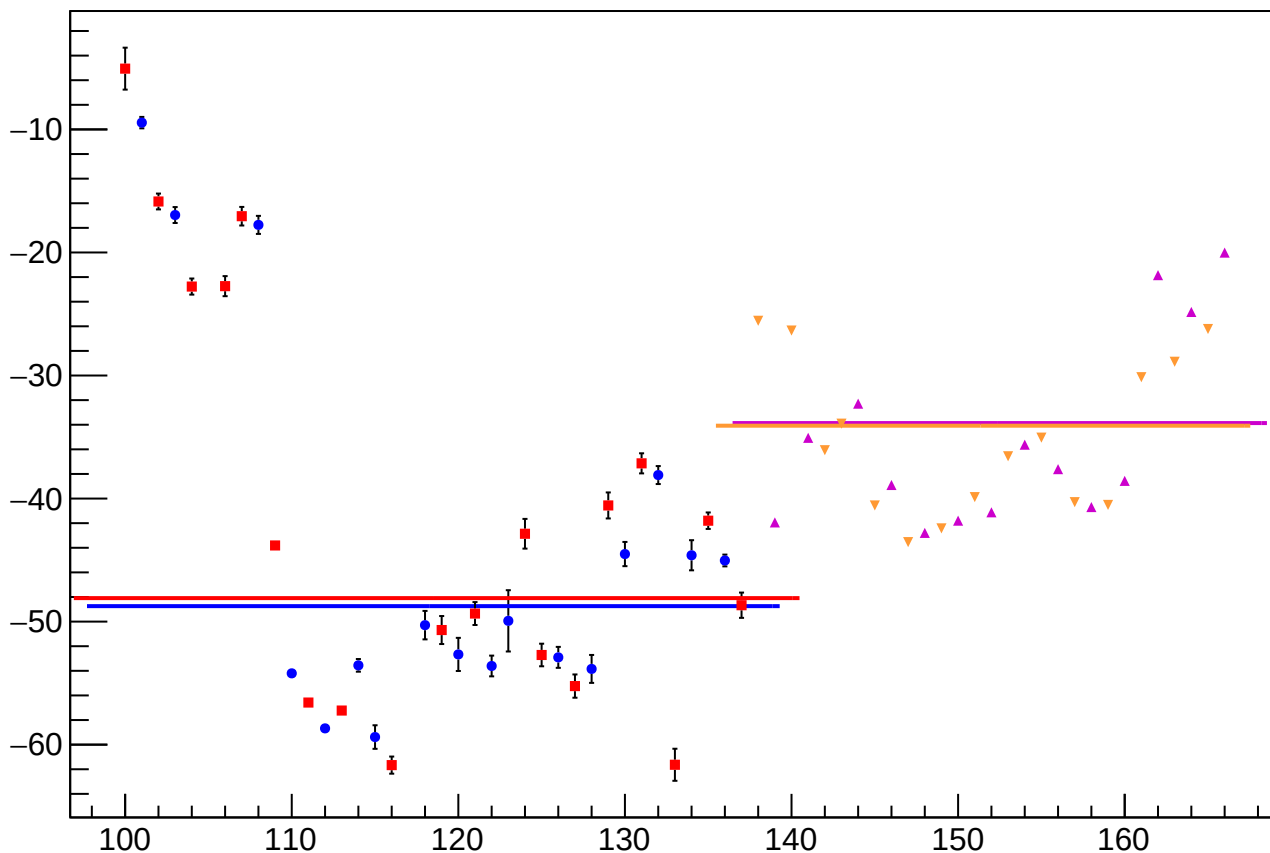
Left In: -38.008 ± 0.058 χ^2/NDF : 9009.9/13

+ sign -39.676 ± 0.045 χ^2/NDF : 14181.2/31

All: -39.236 ± 0.032 χ^2/NDF : 35182.3/64

- sign -38.793 ± 0.045 χ^2/NDF : 20809.1/32

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Left Out: -34.078 ± 0.077 χ^2/NDF : 6572.0/14

Right Out: -48.091 ± 0.107 χ^2/NDF : 11731.5/18

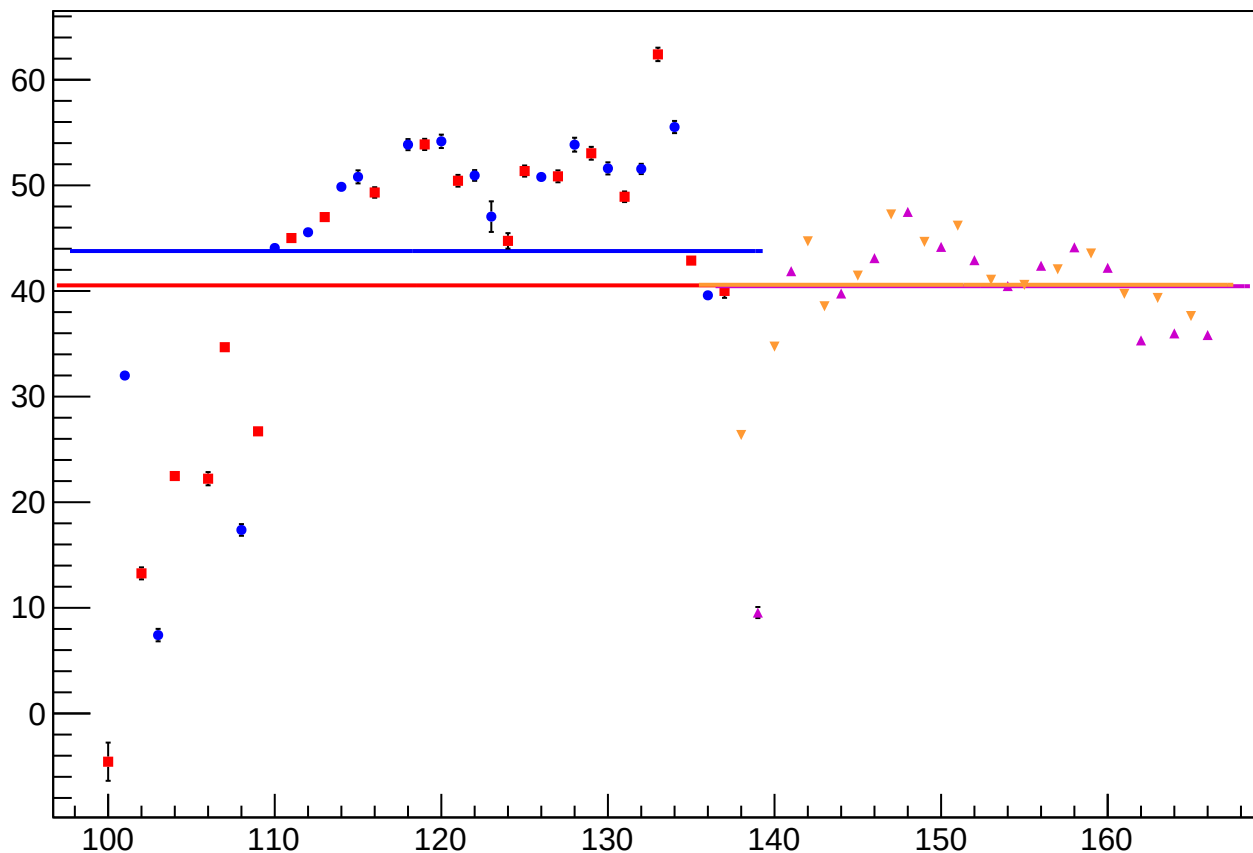
Left In: -33.865 ± 0.078 χ^2/NDF : 10274.1/13

+ sign -38.149 ± 0.066 χ^2/NDF : 31265.1/31

All: -38.479 ± 0.045 χ^2/NDF : 64836.9/64

- sign -38.784 ± 0.063 χ^2/NDF : 33523.1/32

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.589 $\pm$ 0.064 χ^2 /NDF: 5015.6/14

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

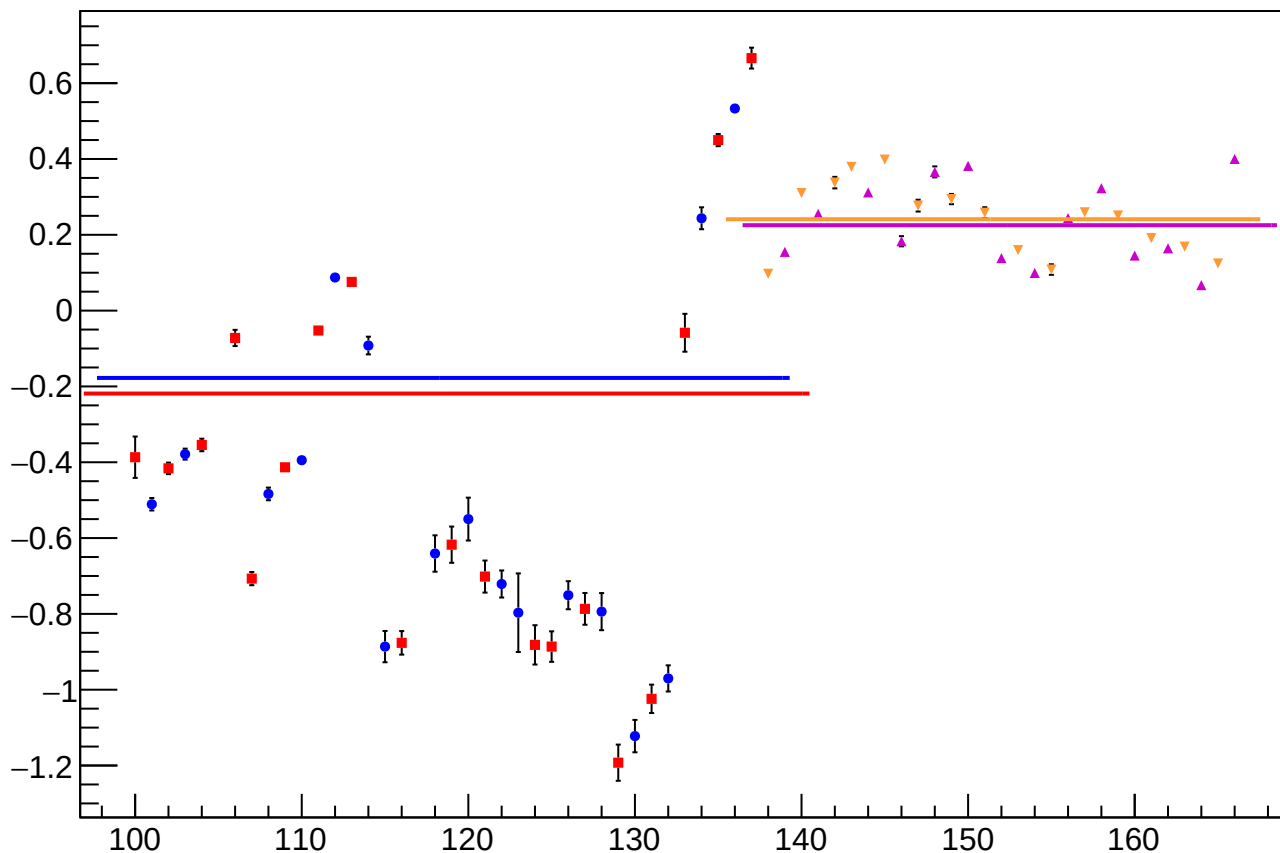
Left In: 40.453 $\pm$ 0.066 χ^2 /NDF: 6409.6/13

+ sign 41.719 $\pm$ 0.052 χ^2 /NDF: 16532.1/31

All: 41.097 $\pm$ 0.036 χ^2 /NDF: 40812.4/64

- sign 40.484 $\pm$ 0.051 χ^2 /NDF: 23990.8/32

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.241 ± 0.003 χ^2/NDF : 940.6/14

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

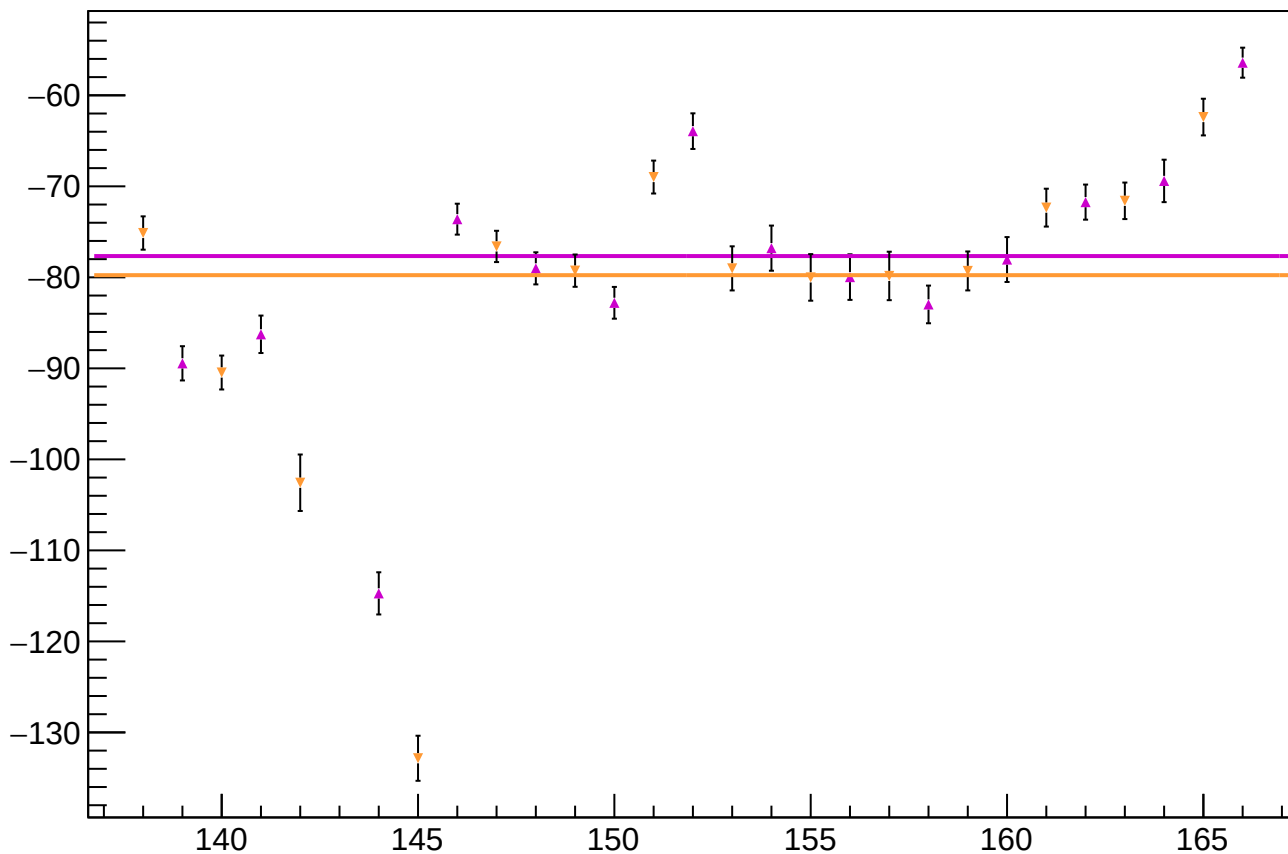
Left In: 0.225 ± 0.003 χ^2/NDF : 1110.1/13

+ sign 0.122 ± 0.003 χ^2/NDF : 13682.6/31

All: 0.097 ± 0.002 χ^2/NDF : 29464.6/64

- sign 0.073 ± 0.003 χ^2/NDF : 15599.2/32

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -79.761+/-0.557 χ^2/NDF : 695.8/13

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

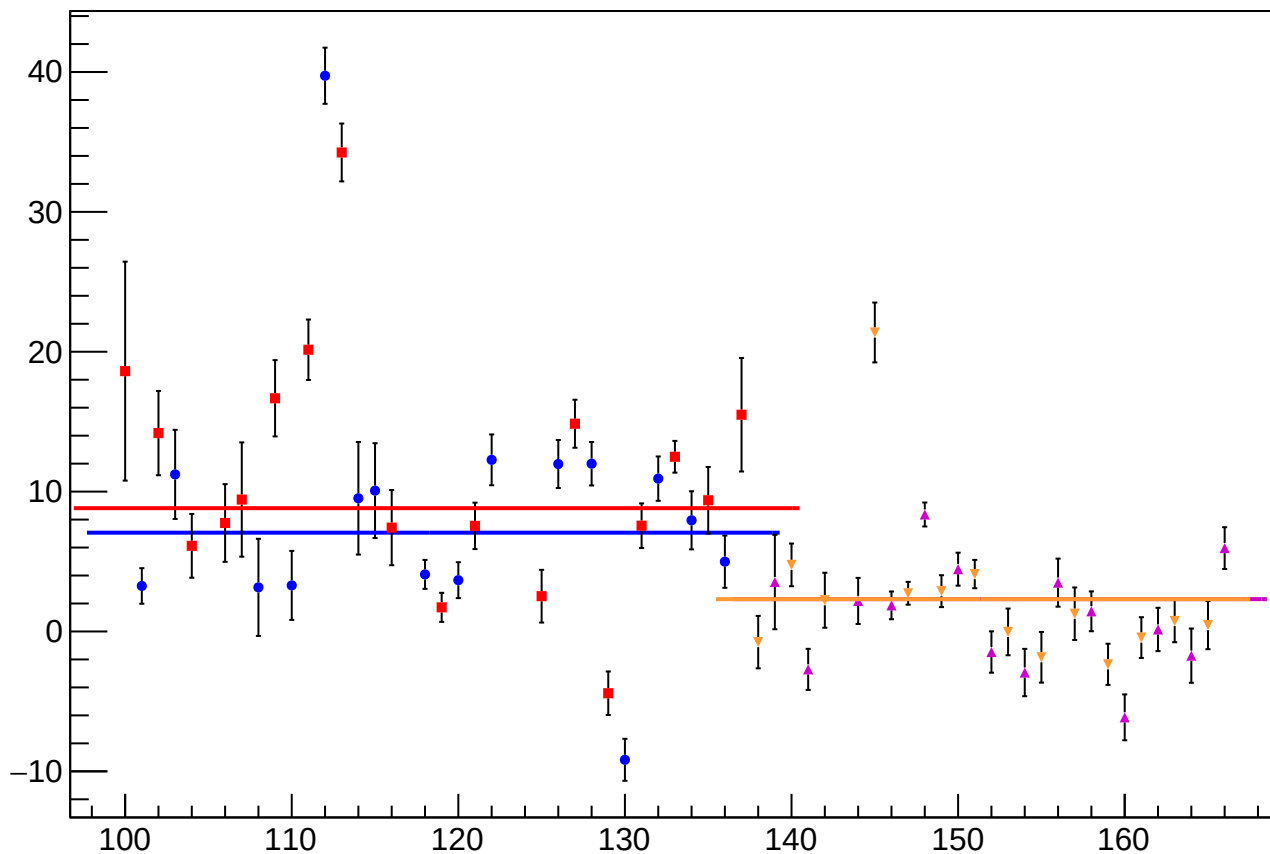
Left In: -77.661+/-0.534 χ^2/NDF : 572.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.668+/-0.386 χ^2/NDF : 1275.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 ± 0.434 χ^2/NDF : 446.9/15

Left Out: 2.309 ± 0.375 χ^2/NDF : 111.7/13

Right Out: 8.816 ± 0.449 χ^2/NDF : 350.4/17

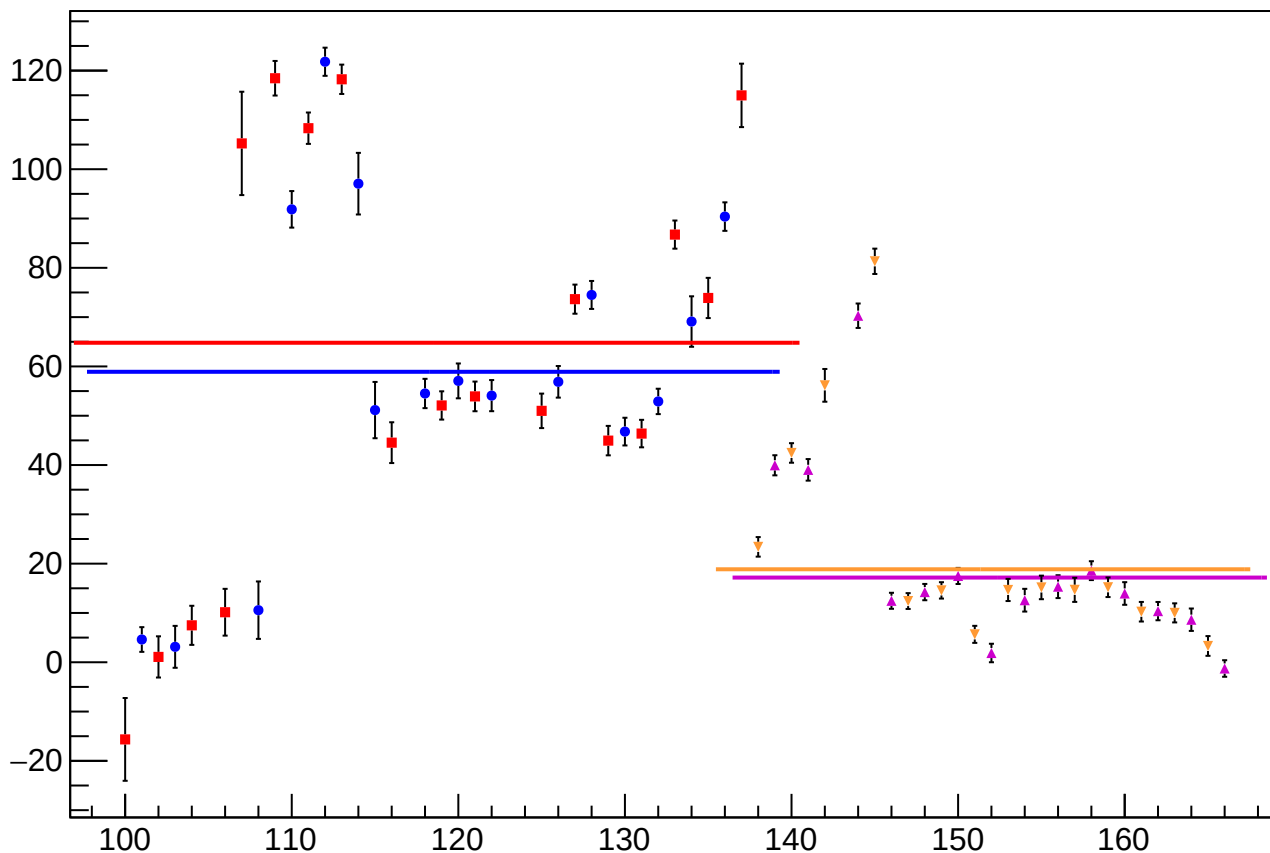
Left In: 2.312 ± 0.374 χ^2/NDF : 121.1/13

+ sign 4.347 ± 0.284 χ^2/NDF : 627.2/29

All: 4.657 ± 0.202 χ^2/NDF : 1225.0/61

- sign 4.974 ± 0.287 χ^2/NDF : 595.4/31

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 18.858 $\pm$ 0.542 χ^2 /NDF: 1057.3/13

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

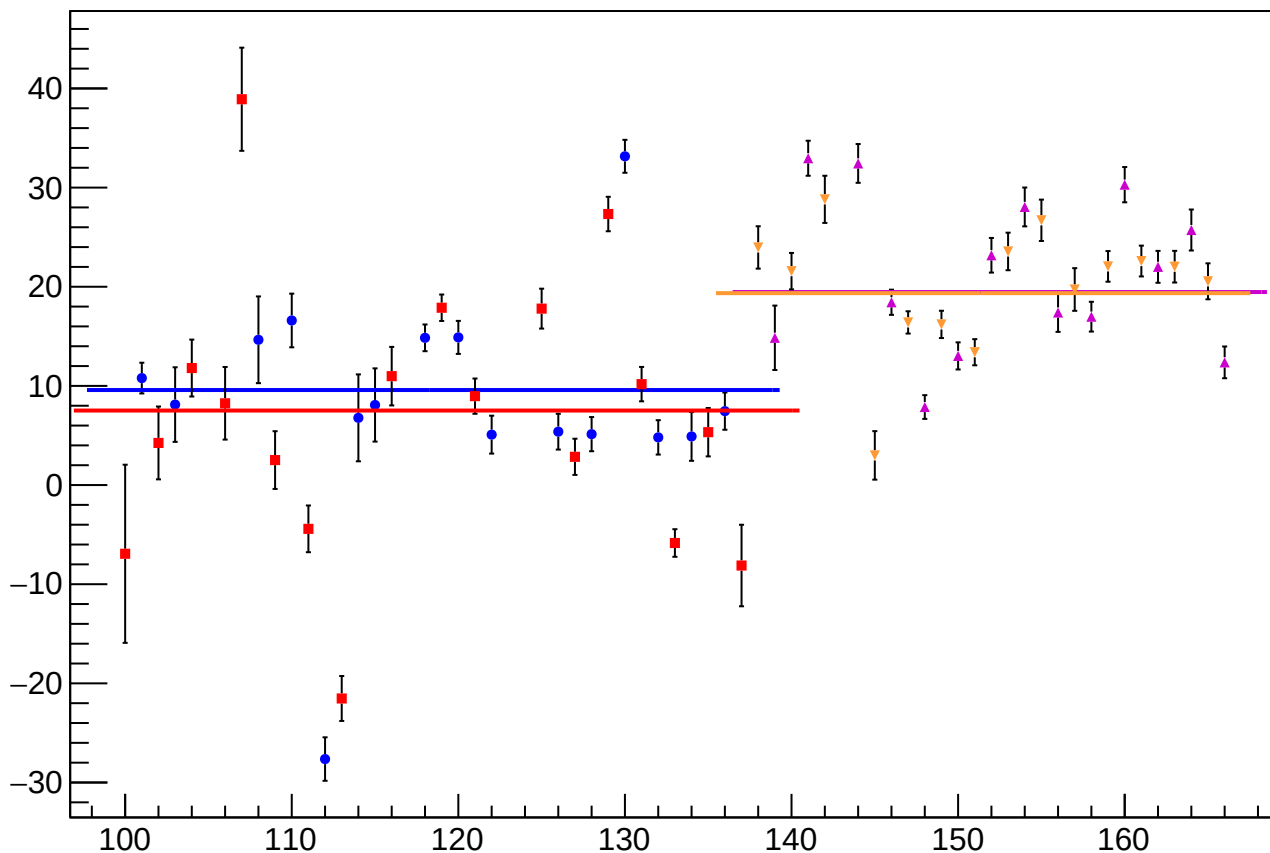
Left In: 17.176 $\pm$ 0.520 χ^2 /NDF: 917.2/13

+ sign 30.814 $\pm$ 0.454 χ^2 /NDF: 4182.3/29

All: 30.590 $\pm$ 0.317 χ^2 /NDF: 9140.3/61

- sign 30.379 $\pm$ 0.442 χ^2 /NDF: 4957.5/31

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 19.355 ± 0.447 χ^2/NDF : 127.2/13

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

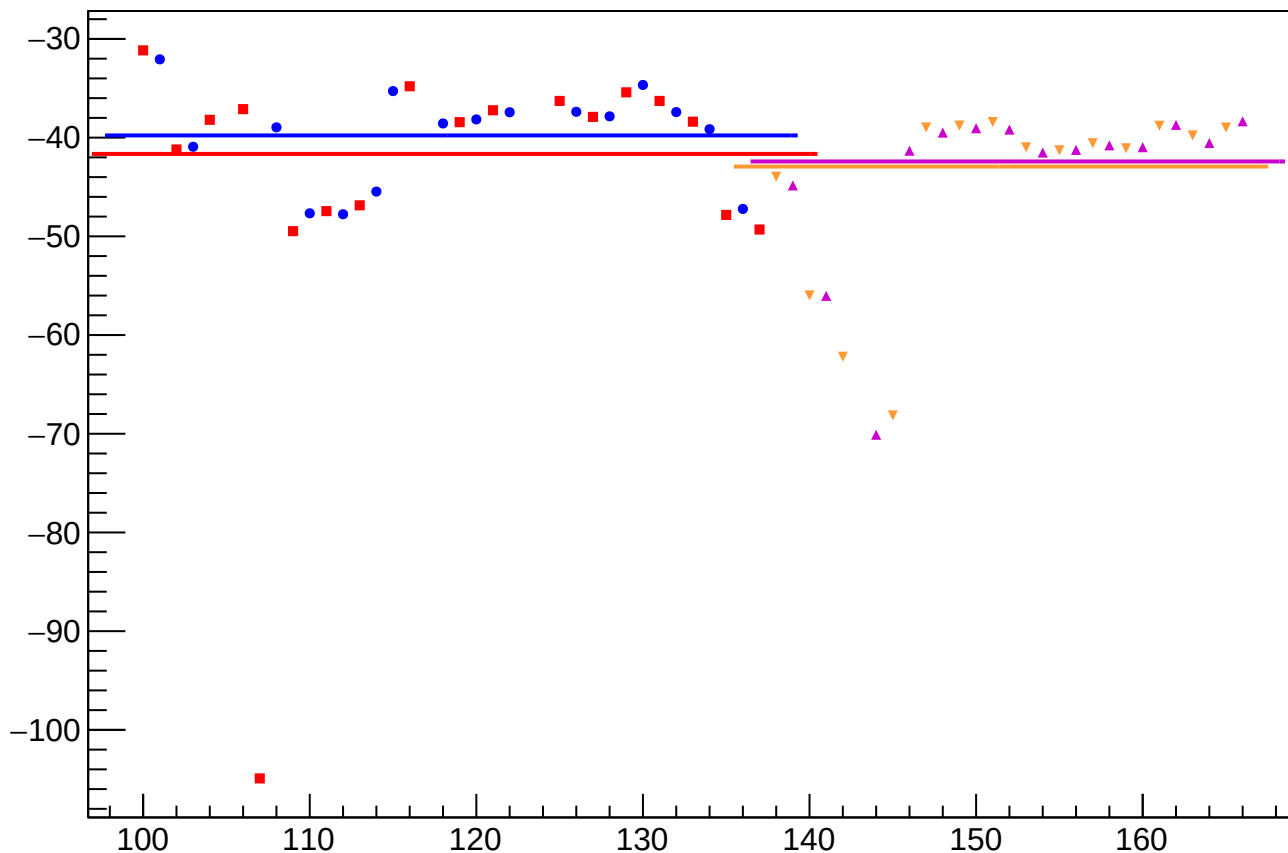
Left In: 19.466 ± 0.441 χ^2/NDF : 317.1/13

+ sign 15.026 ± 0.334 χ^2/NDF : 893.4/29

All: 14.726 ± 0.236 χ^2/NDF : 2092.4/61

- sign 14.423 ± 0.335 χ^2/NDF : 1197.3/31

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -42.931 ± 0.022 χ^2/NDF : 124457.6/13

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

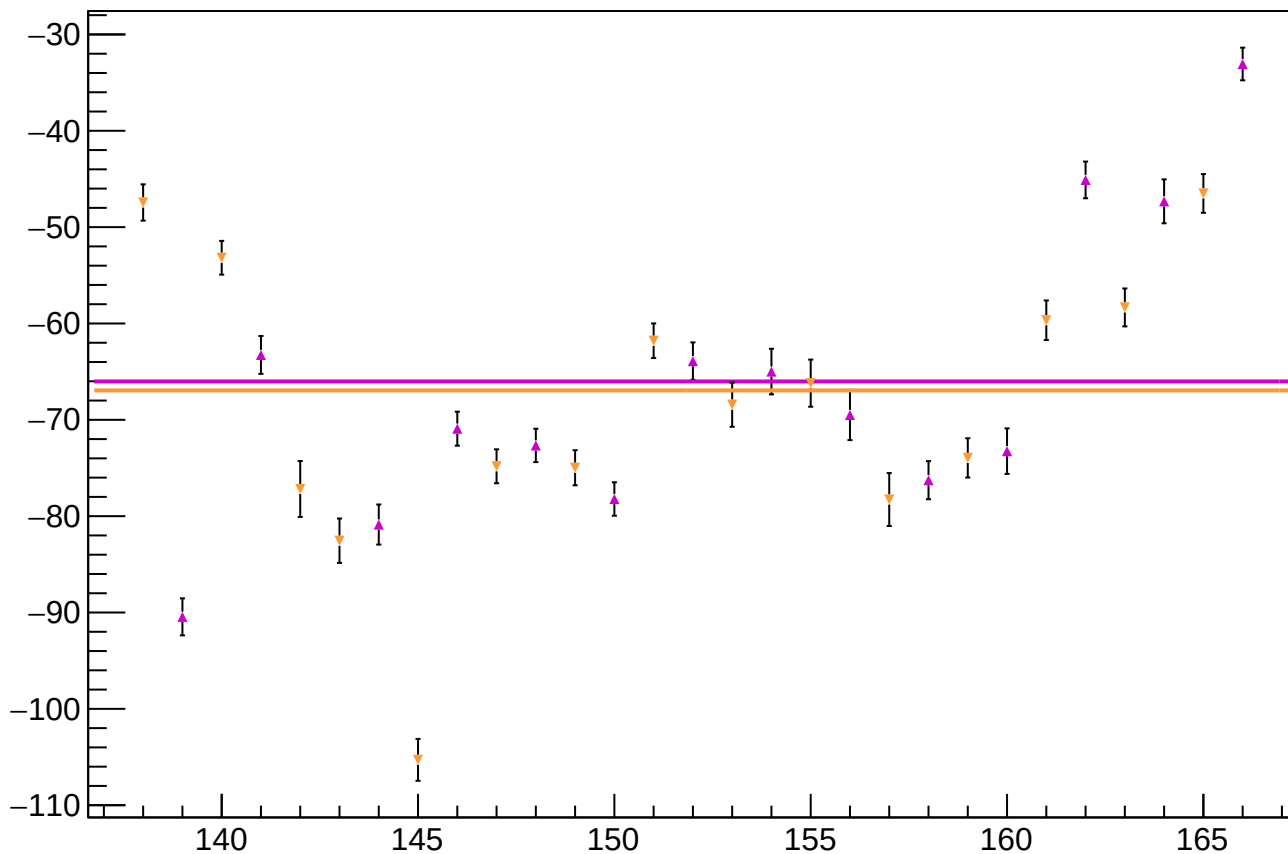
Left In: -42.414 ± 0.021 χ^2/NDF : 102921.6/13

+ sign -41.903 ± 0.018 χ^2/NDF : 157564.0/29

All: -42.045 ± 0.012 χ^2/NDF : 355482.5/61

- sign -42.180 ± 0.017 χ^2/NDF : 197793.7/31

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -66.943+/-0.532 χ^2/NDF : 750.5/14

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

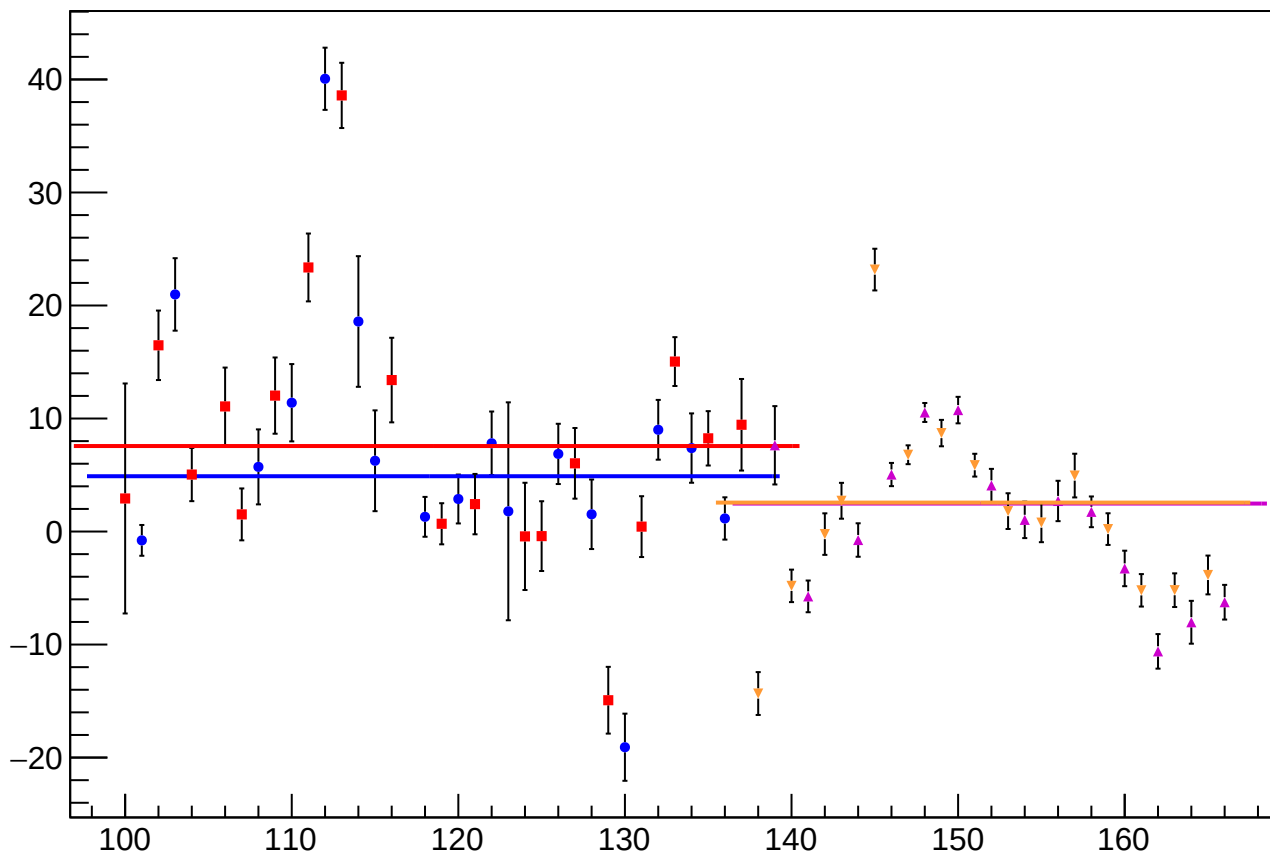
Left In: -66.018+/-0.528 χ^2/NDF : 892.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.477+/-0.375 χ^2/NDF : 1644.9/28

- 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 $\chi^2/\text{NDF}: 295.4/16$

Left Out: 2.560 ± 0.361 $\chi^2/\text{NDF}: 372.8/14$

Right Out: 7.565 ± 0.652 $\chi^2/\text{NDF}: 270.2/18$

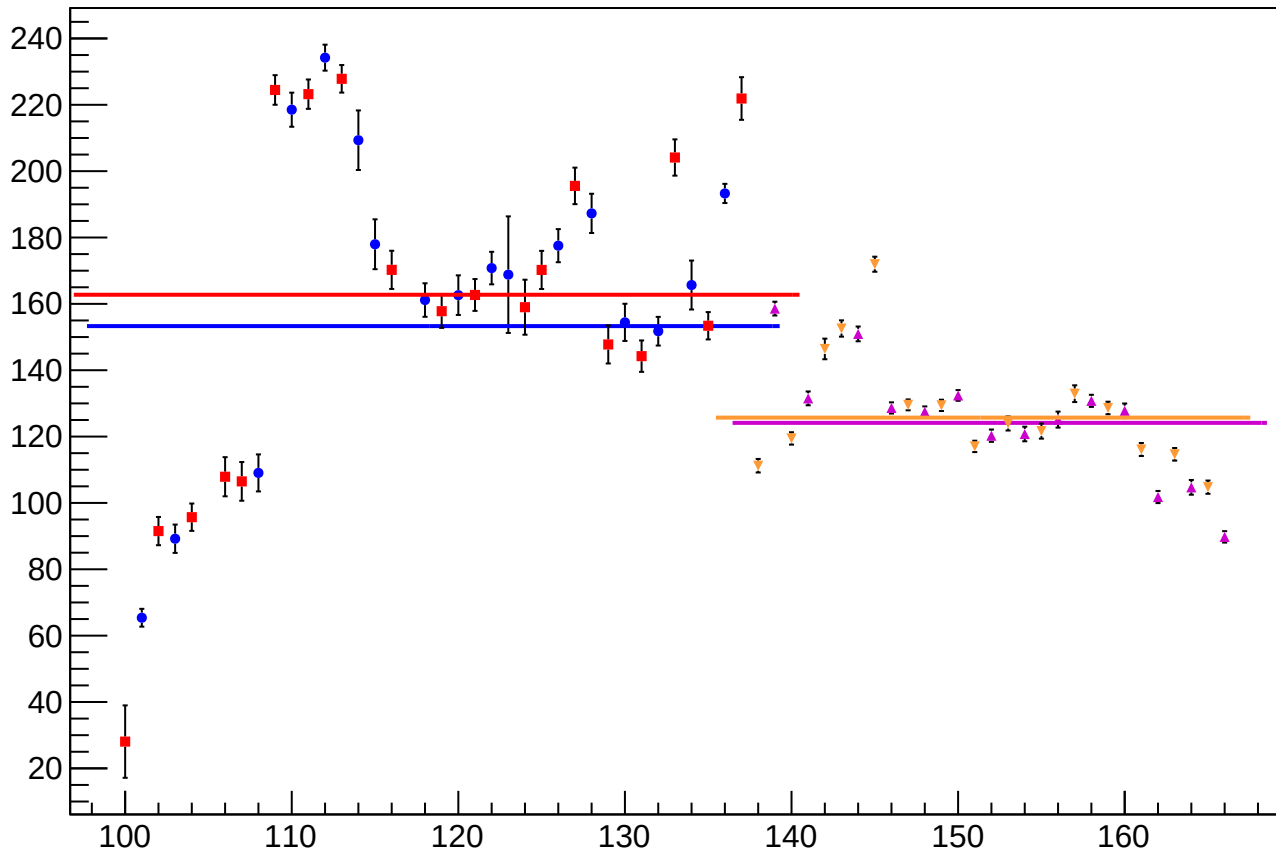
Left In: 2.474 ± 0.368 $\chi^2/\text{NDF}: 341.2/13$

+ sign 3.149 ± 0.312 $\chi^2/\text{NDF}: 678.8/31$

All: 3.420 ± 0.224 $\chi^2/\text{NDF}: 1338.0/64$

- sign 3.706 ± 0.320 $\chi^2/\text{NDF}: 657.7/32$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 125.712 $\pm$ 0.521 χ^2 /NDF: 858.5/14

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

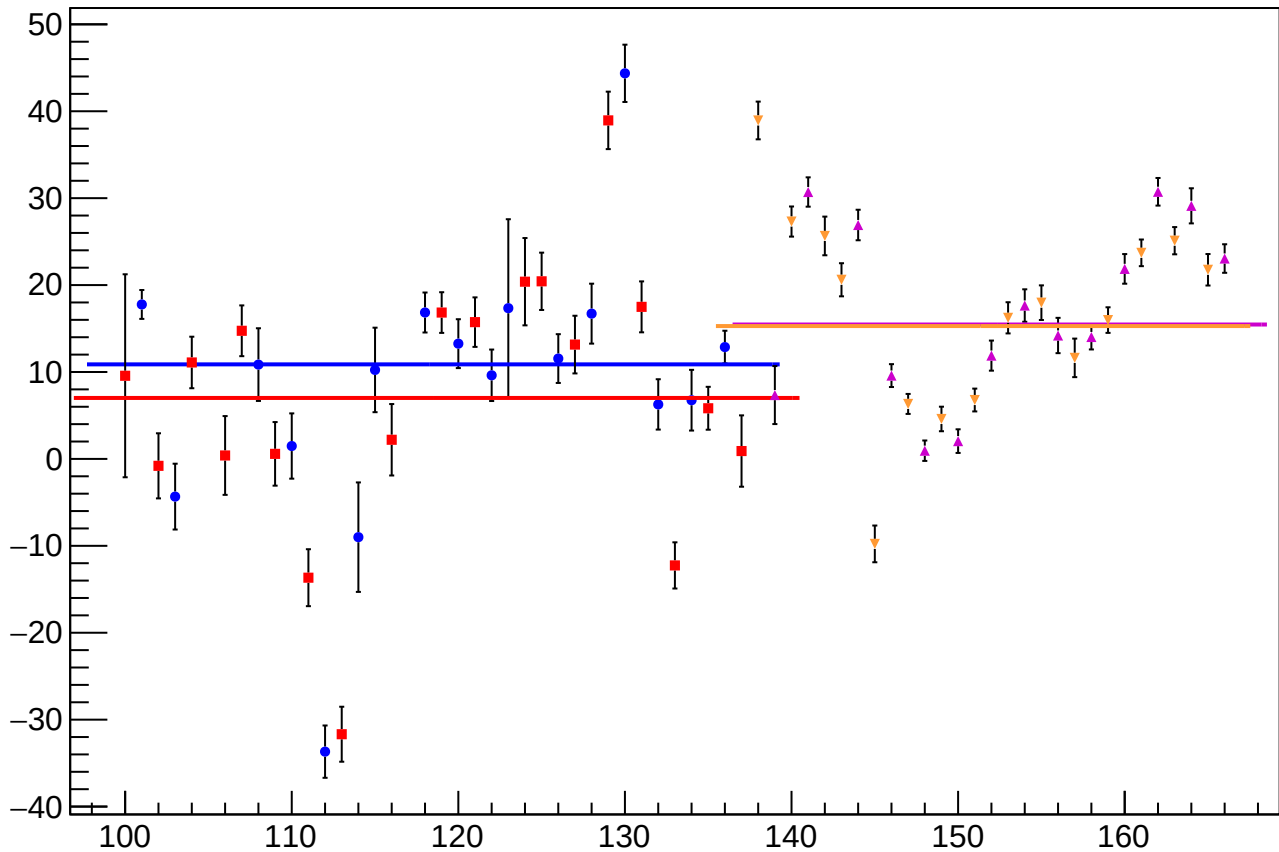
Left In: 124.133 $\pm$ 0.514 χ^2 /NDF: 1114.9/13

+ sign 130.449 $\pm$ 0.474 χ^2 /NDF: 3606.3/31

All: 130.385 $\pm$ 0.334 χ^2 /NDF: 7334.3/64

- sign 130.322 $\pm$ 0.471 χ^2 /NDF: 3728.0/32

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 15.284 $\pm$ 0.428 χ^2 /NDF: 584.5/14

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

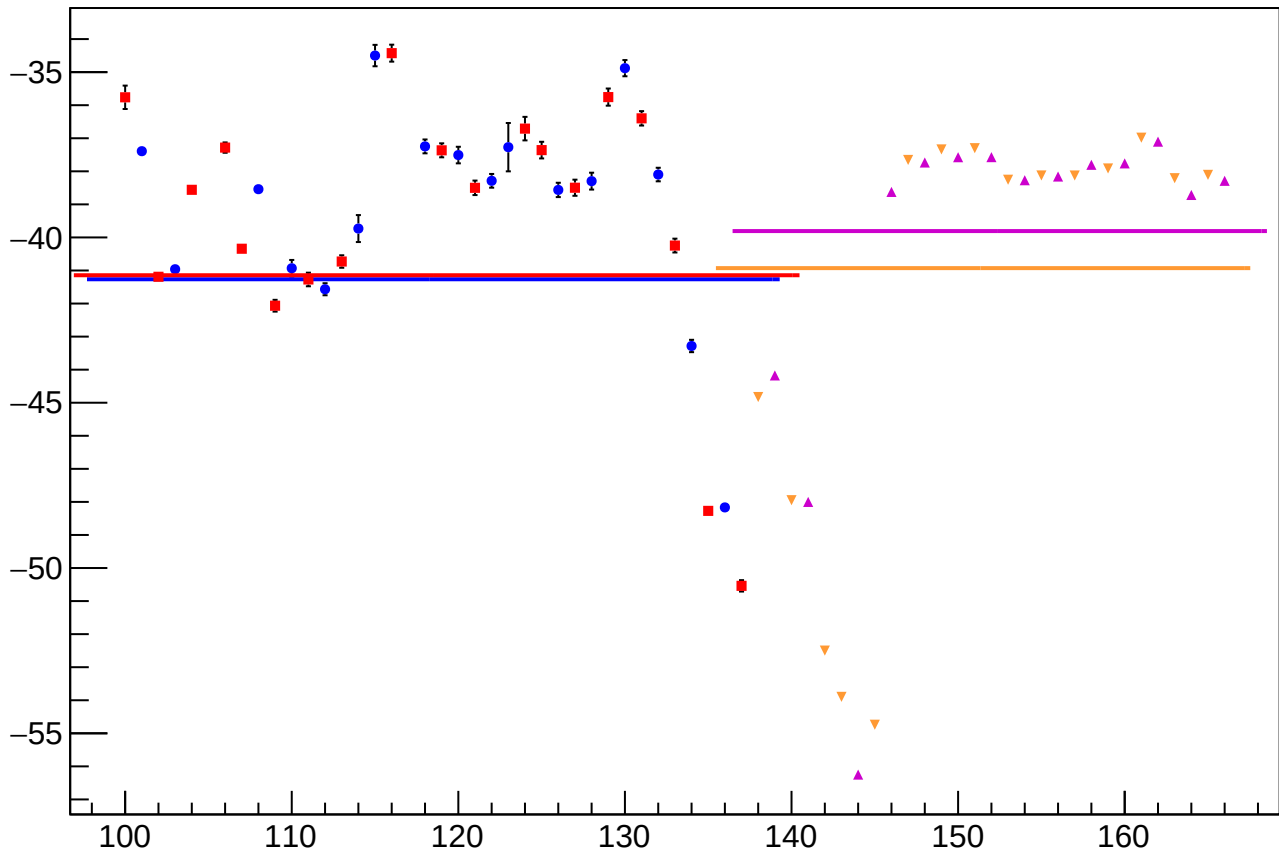
Left In: 15.462 $\pm$ 0.434 χ^2 /NDF: 580.6/13

+ sign 14.117 $\pm$ 0.367 χ^2 /NDF: 1000.6/31

All: 13.735 $\pm$ 0.262 χ^2 /NDF: 2103.4/64

- sign 13.336 $\pm$ 0.375 χ^2 /NDF: 1100.6/32

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -40.928 ± 0.021 $\chi^2/\text{NDF}: 76804.1/14$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

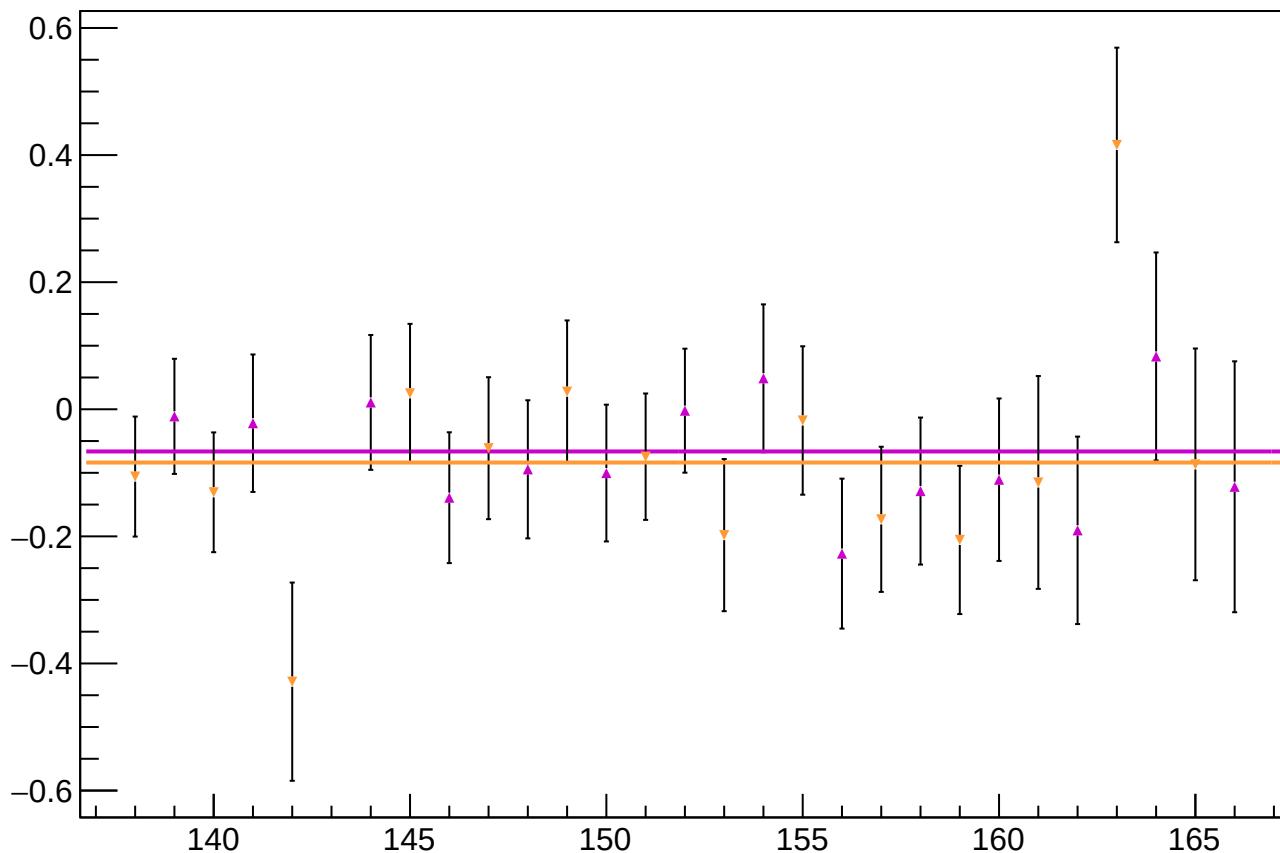
Left In: -39.808 ± 0.021 $\chi^2/\text{NDF}: 48865.8/13$

+ sign -41.004 ± 0.018 $\chi^2/\text{NDF}: 89433.6/31$

All: -40.549 ± 0.013 $\chi^2/\text{NDF}: 152684.4/64$

- sign -40.101 ± 0.018 $\chi^2/\text{NDF}: 62018.3/32$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.084 $\pm$ 0.031 χ^2 /NDF: 20.8/13

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

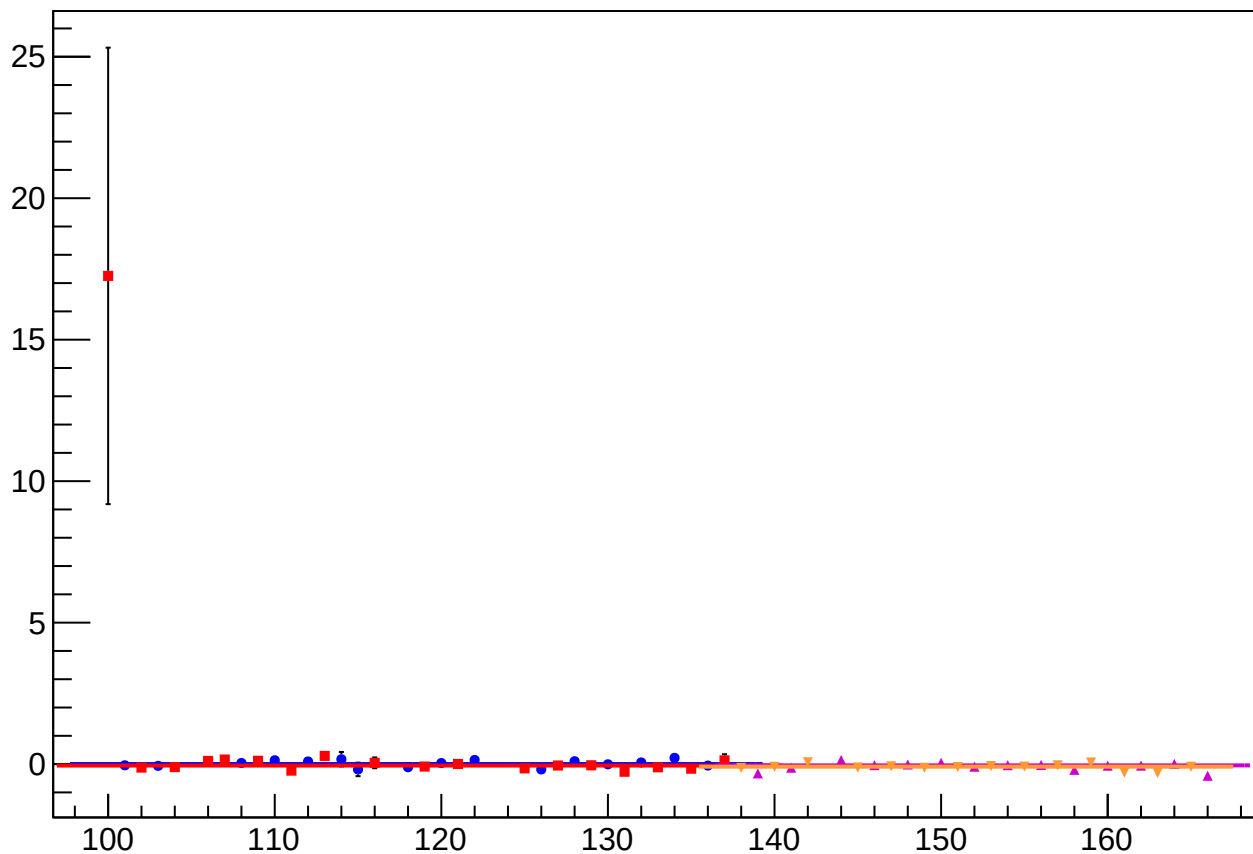
Left In: -0.066 $\pm$ 0.031 χ^2 /NDF: 7.0/13

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

All: -0.075 $\pm$ 0.022 χ^2 /NDF: 28.0/27

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.090 ± 0.022 χ^2/NDF : 13.7/13

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

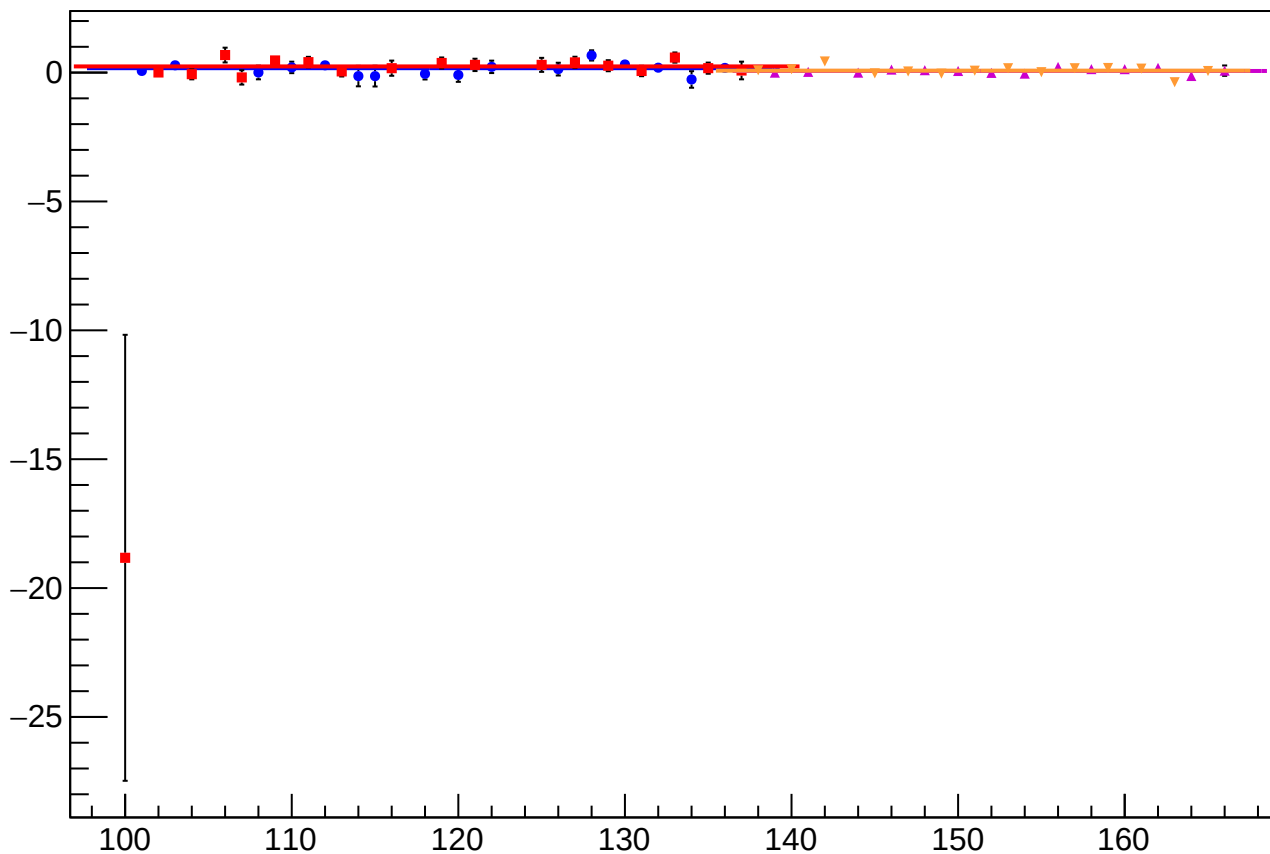
Left In: -0.045 ± 0.022 χ^2/NDF : 20.9/13

+ sign -0.056 ± 0.017 χ^2/NDF : 32.9/29

All: -0.052 ± 0.012 χ^2/NDF : 79.7/61

- sign -0.047 ± 0.017 χ^2/NDF : 46.7/31

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.074 $\pm$ 0.031 χ^2 /NDF: 19.2/13

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

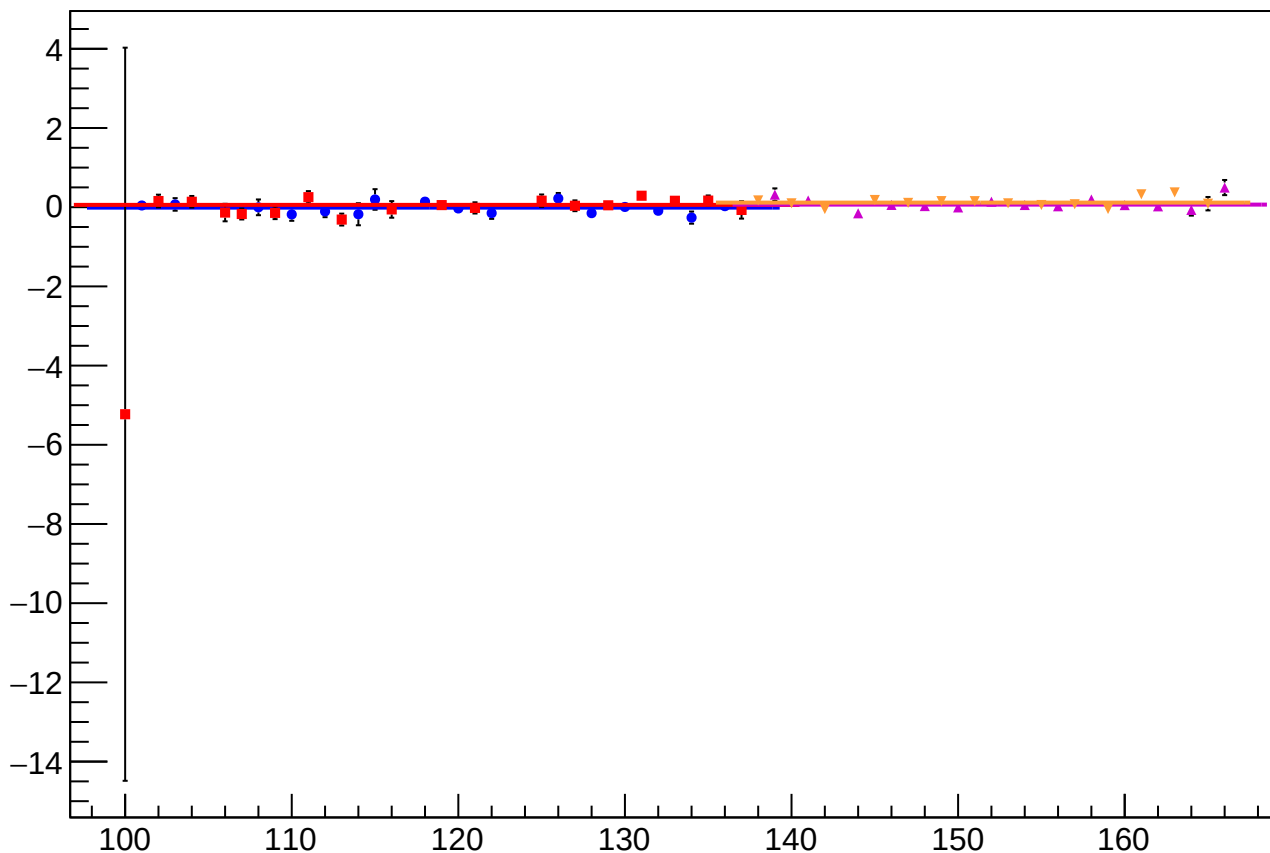
Left In: 0.062 $\pm$ 0.030 χ^2 /NDF: 7.8/13

+ sign 0.099 $\pm$ 0.027 χ^2 /NDF: 35.4/29

All: 0.102 $\pm$ 0.019 χ^2 /NDF: 73.3/61

- sign 0.104 $\pm$ 0.026 χ^2 /NDF: 37.8/31

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.116 ± 0.026 χ^2/NDF : 14.5/13

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

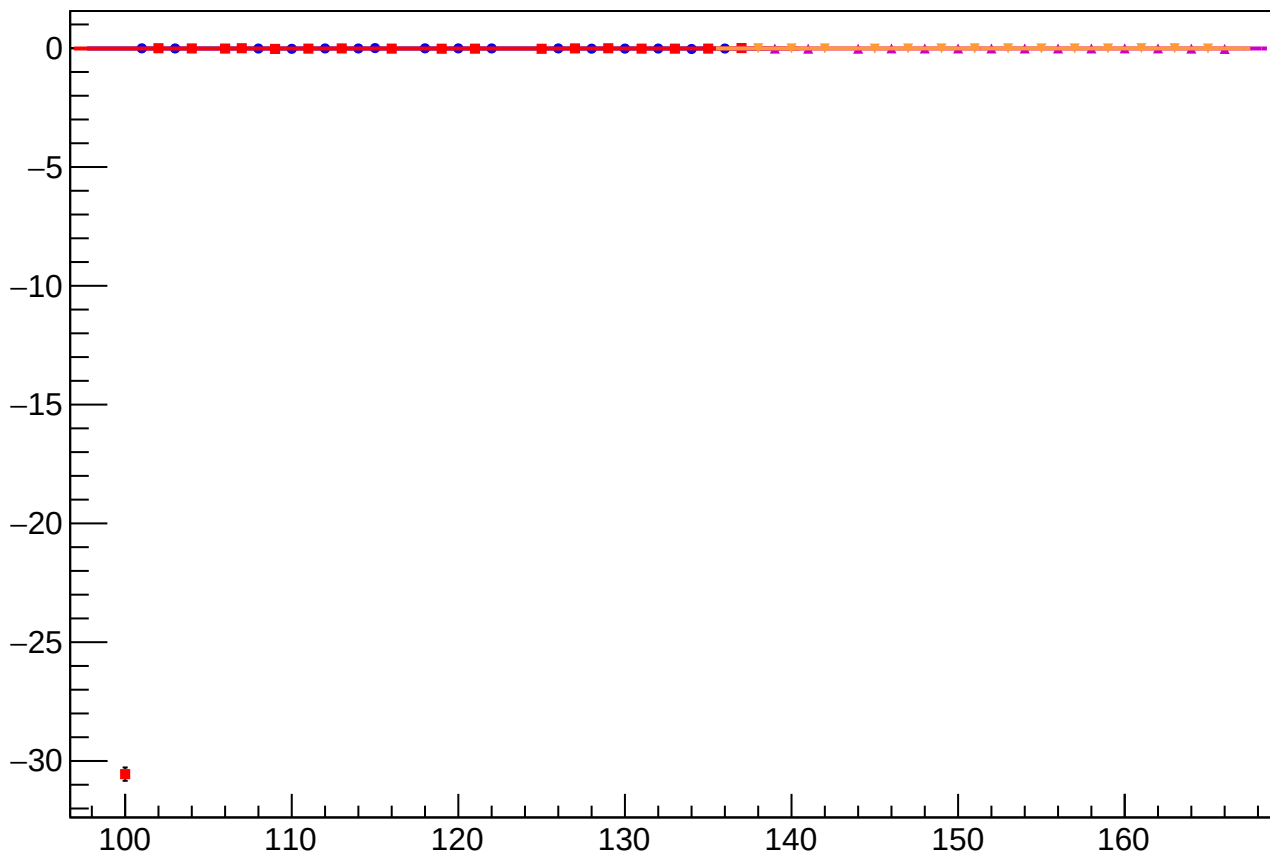
Left In: 0.065 ± 0.026 χ^2/NDF : 20.1/13

+ sign 0.067 ± 0.020 χ^2/NDF : 37.5/29

All: 0.065 ± 0.014 χ^2/NDF : 78.3/61

- sign 0.063 ± 0.020 χ^2/NDF : 40.7/31

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:12.3/13

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

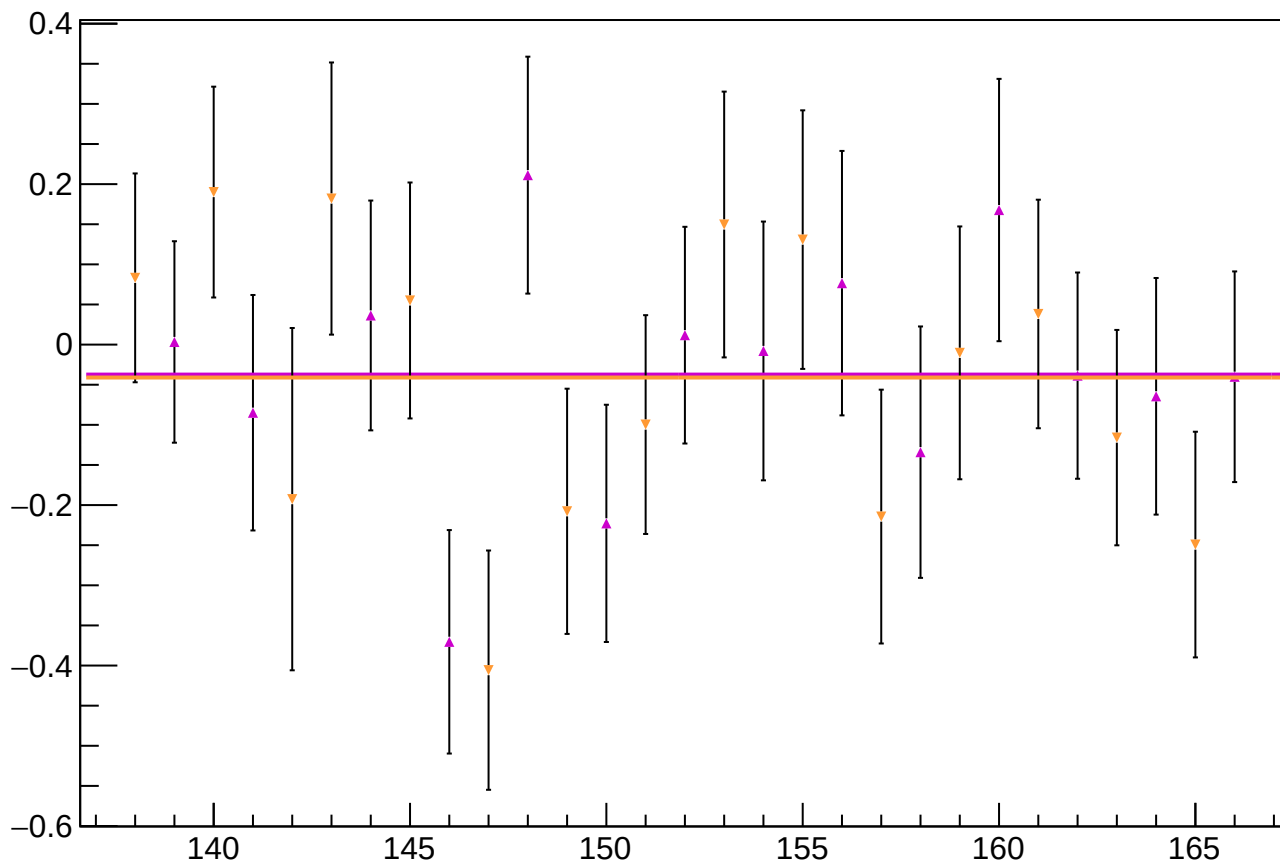
Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:17.0/13

+ sign -0.009 $\pm$ 0.001 χ^2 /NDF: 28.0/29

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11938.9/61

- sign -0.011 $\pm$ 0.001 χ^2 /NDF: 11908.8/31

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.041 $\pm$ 0.039 χ^2 /NDF: 20.5/14

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

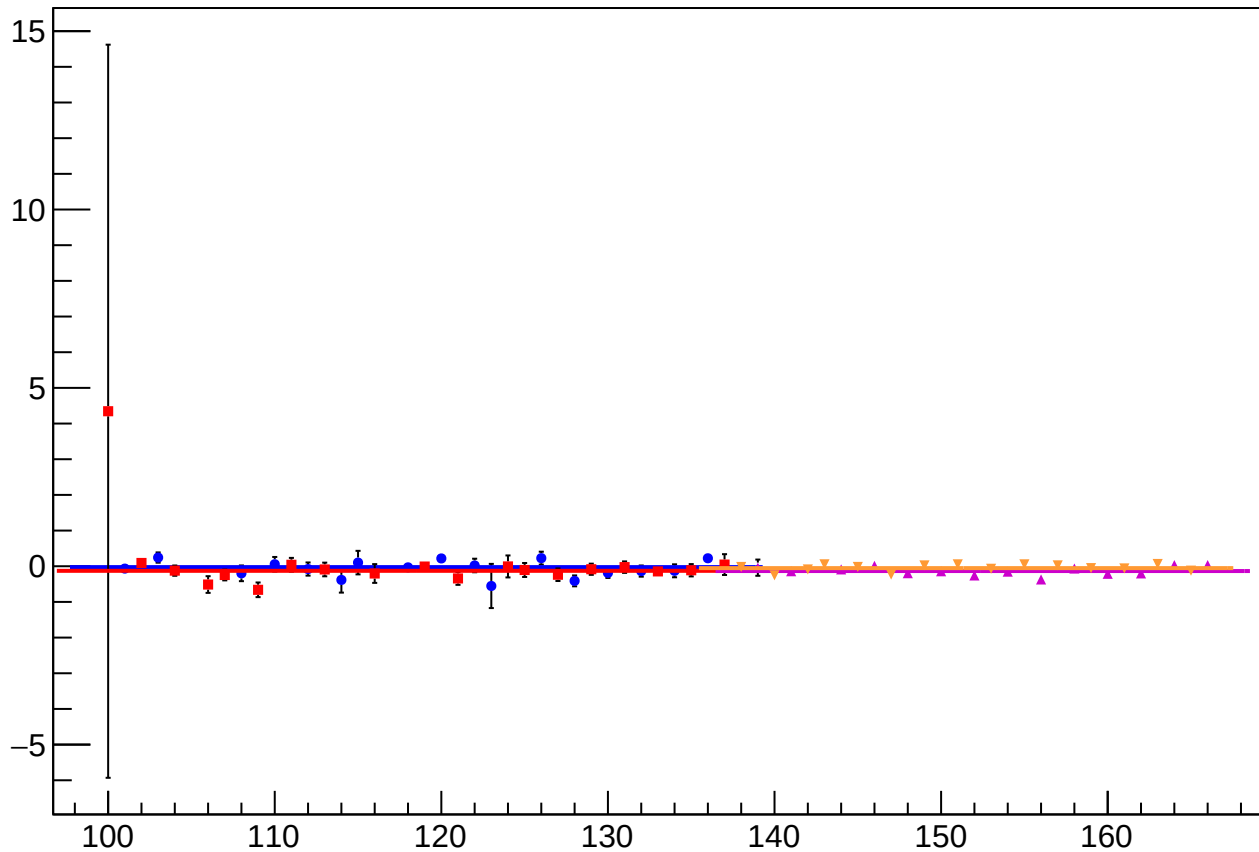
Left In: -0.037 $\pm$ 0.039 χ^2 /NDF: 13.2/13

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

All: -0.039 $\pm$ 0.027 χ^2 /NDF: 33.8/28

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

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.053 ± 0.027 χ^2/NDF : 16.4/14

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

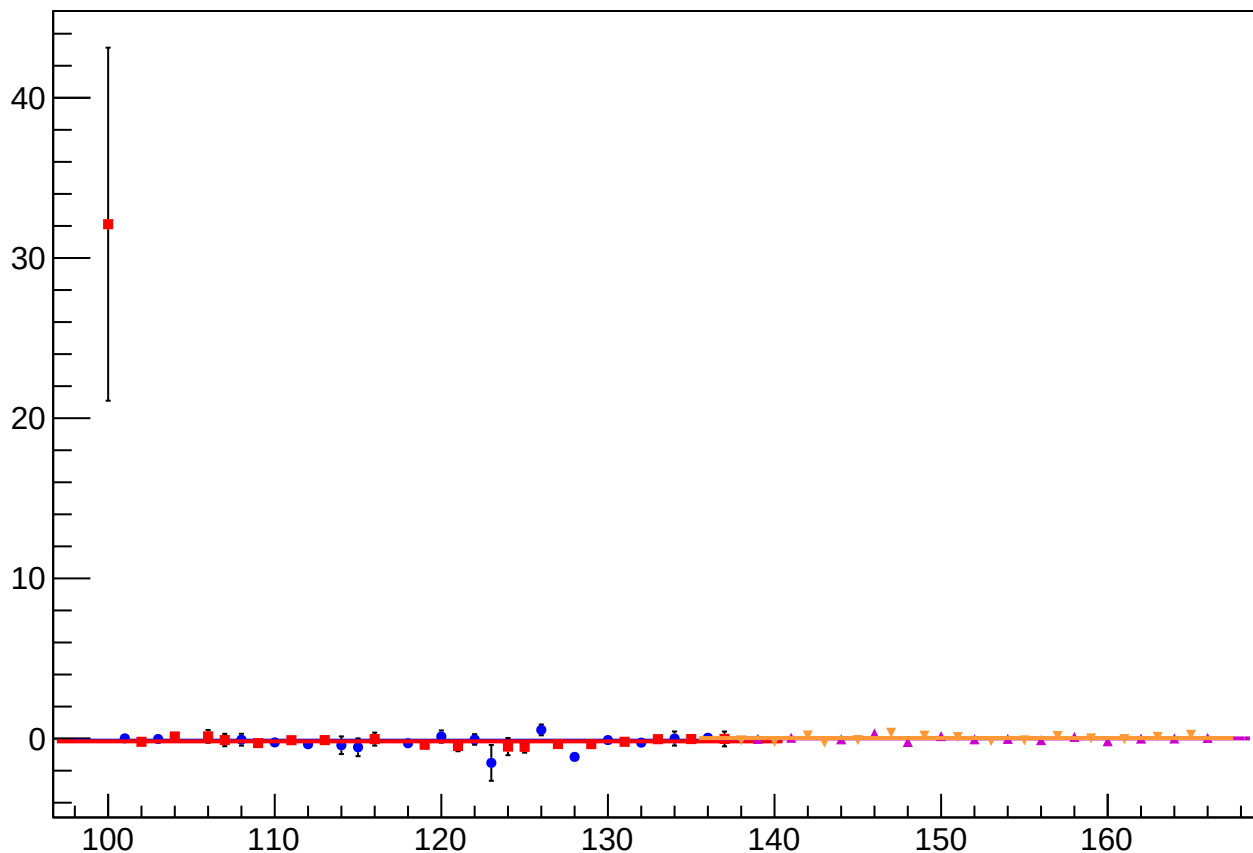
Left In: -0.134 ± 0.028 χ^2/NDF : 15.2/13

+ sign -0.043 ± 0.022 χ^2/NDF : 40.1/31

All: -0.086 ± 0.016 χ^2/NDF : 81.2/64

- sign -0.132 ± 0.023 χ^2/NDF : 32.9/32

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.034 ± 0.038 χ^2/NDF : 20.0/14

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

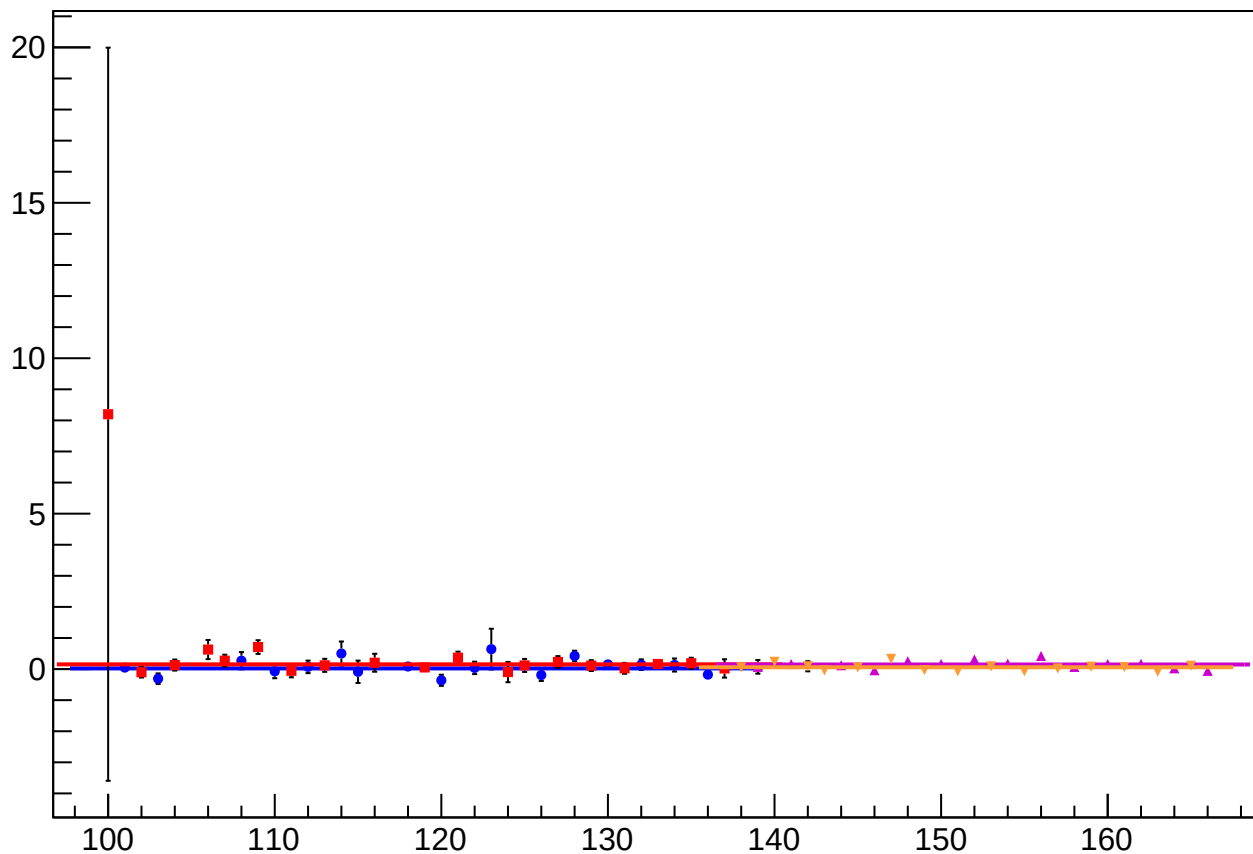
Left In: 0.013 ± 0.038 χ^2/NDF : 11.9/13

+ sign -0.005 ± 0.033 χ^2/NDF : 48.3/31

All: -0.016 ± 0.023 χ^2/NDF : 80.7/64

- sign -0.028 ± 0.033 χ^2/NDF : 32.2/32

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.058 ± 0.032 χ^2/NDF : 15.3/14

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

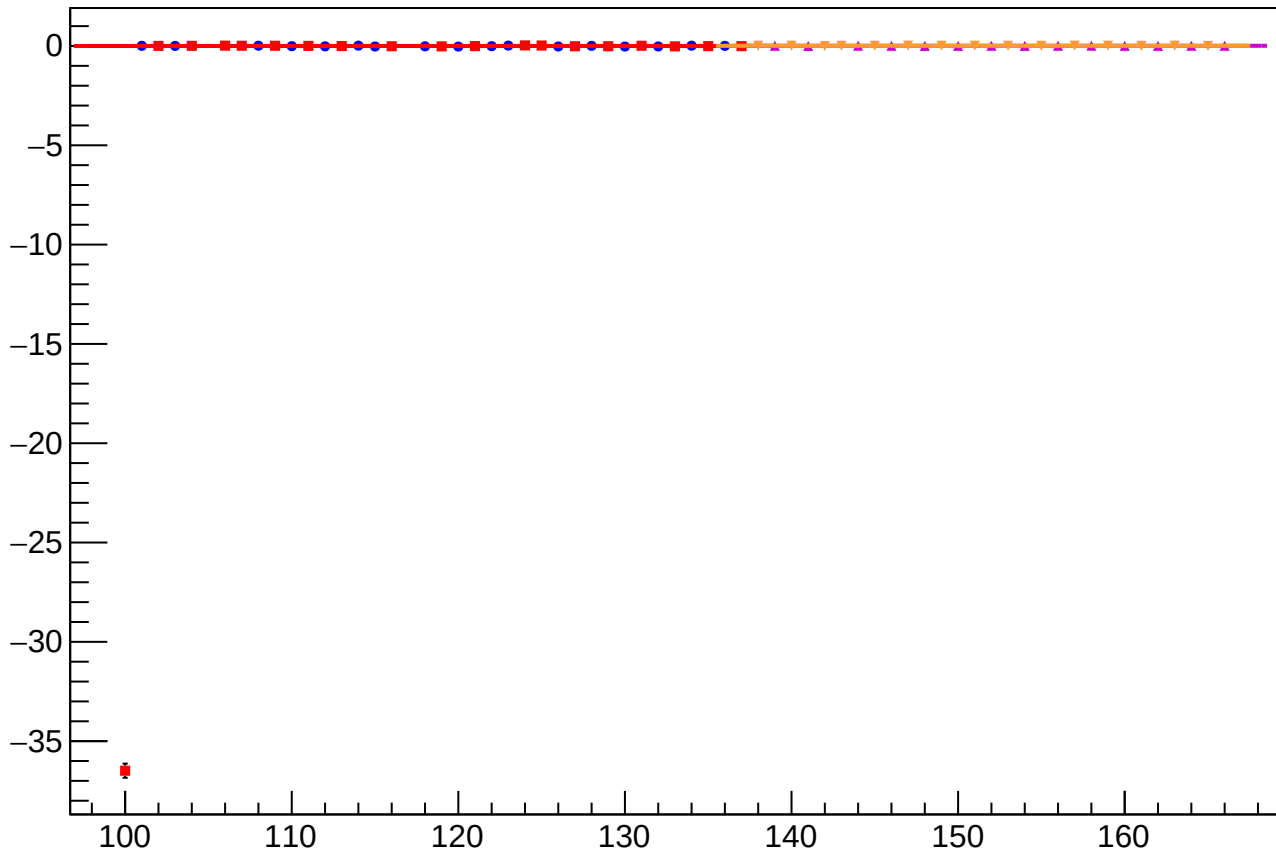
Left In: 0.147 ± 0.032 χ^2/NDF : 14.9/13

+ sign 0.044 ± 0.025 χ^2/NDF : 38.3/31

All: 0.095 ± 0.018 χ^2/NDF : 77.5/64

- sign 0.149 ± 0.026 χ^2/NDF : 31.1/32

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: 8.8/14

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

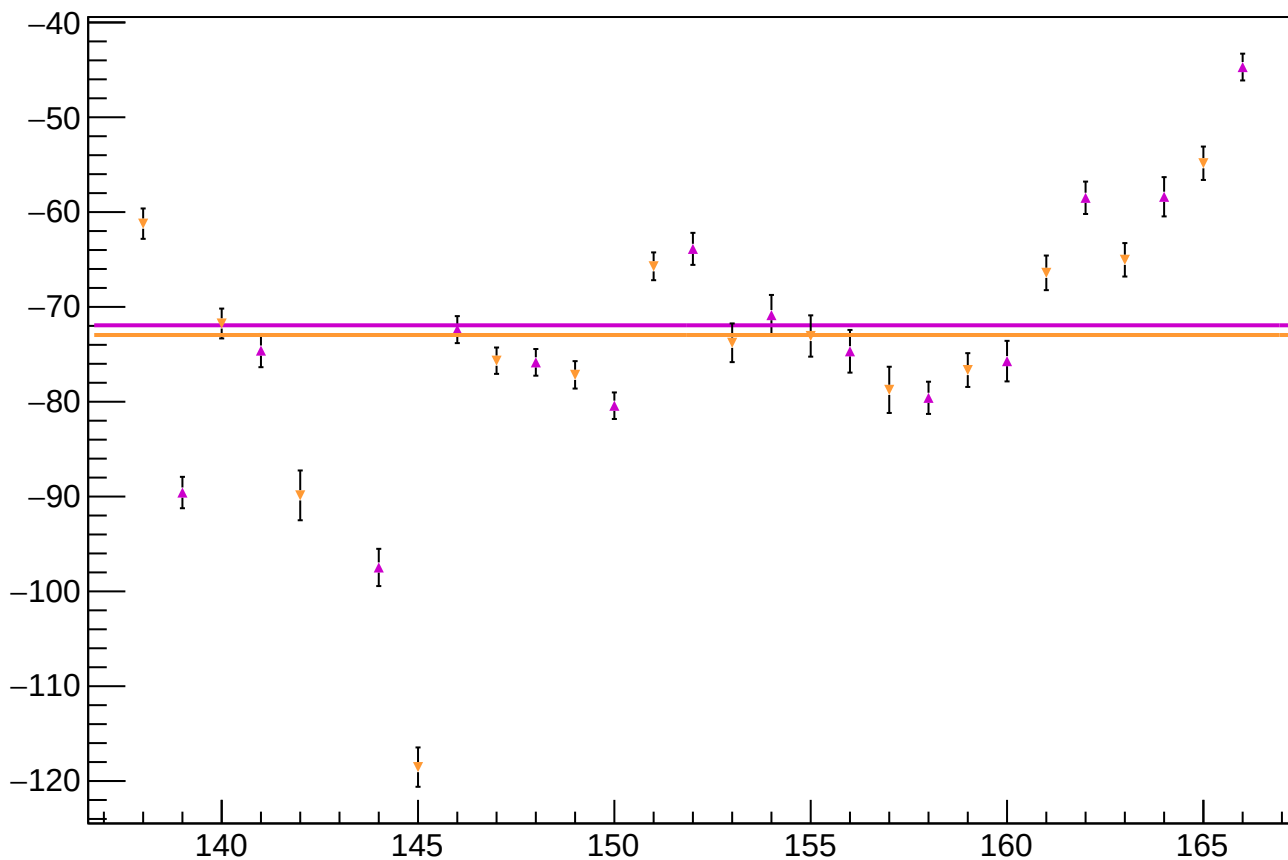
Left In: 0.011 $\pm$ 0.001 χ^2 /NDF: 5.9/13

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 51.8/31

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10521.3/64

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10469.2/32

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -72.963+/-0.471 χ^2/NDF : 763.6/13

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

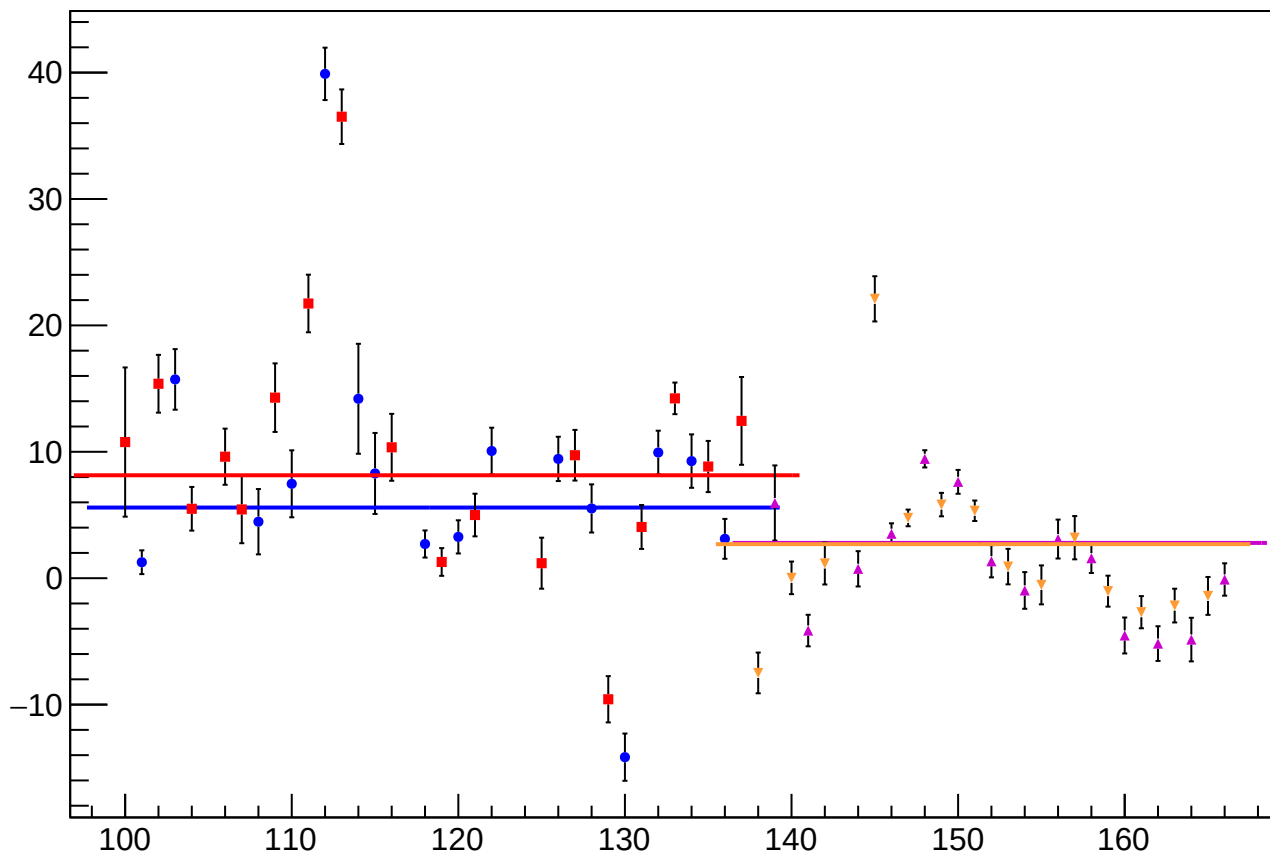
Left In: -71.939+/-0.453 χ^2/NDF : 854.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.431+/-0.326 χ^2/NDF : 1620.1/27

- 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: 2.692 ± 0.313 χ^2/NDF : 248.7/13

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

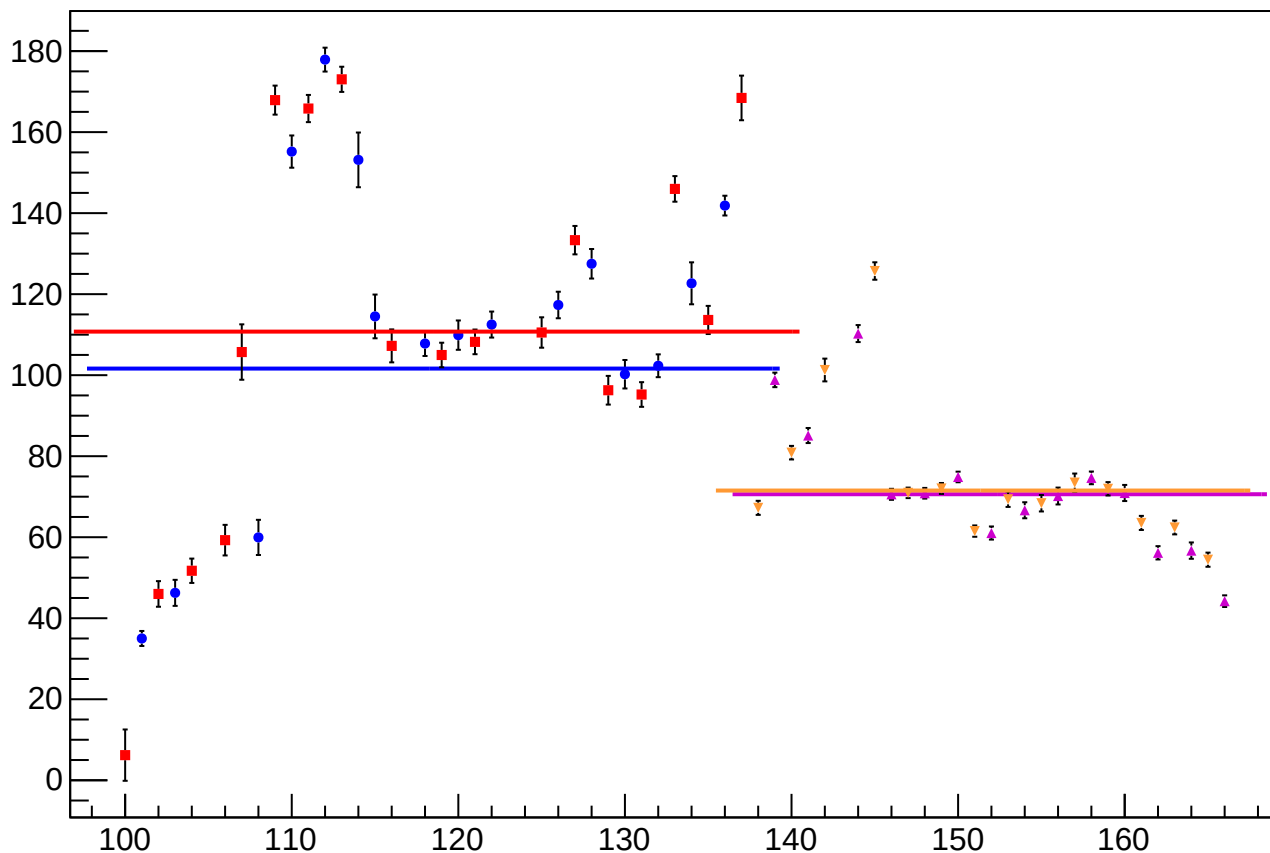
Left In: 2.791 ± 0.313 χ^2/NDF : 250.3/13

+ sign 3.715 ± 0.252 χ^2/NDF : 741.8/29

All: 4.106 ± 0.180 χ^2/NDF : 1499.0/61

- sign 4.515 ± 0.257 χ^2/NDF : 752.3/31

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 71.523 $\pm$ 0.458 χ^2 /NDF: 983.2/13

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

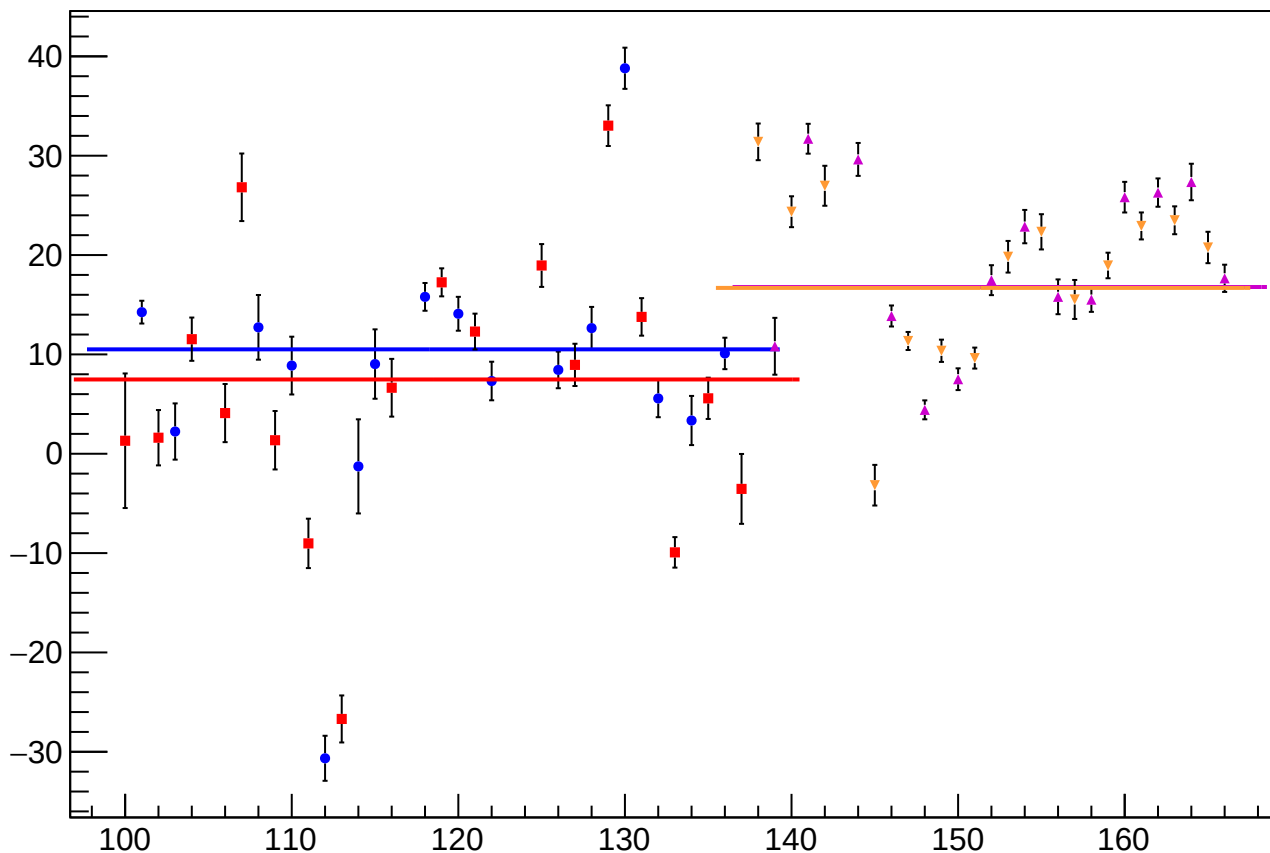
Left In: 70.610 $\pm$ 0.441 χ^2 /NDF: 1183.3/13

+ sign 78.856 $\pm$ 0.398 χ^2 /NDF: 5015.1/29

All: 79.099 $\pm$ 0.279 χ^2 /NDF: 10516.3/61

- sign 79.332 $\pm$ 0.390 χ^2 /NDF: 5500.5/31

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 16.693 $\pm$ 0.375 χ^2 /NDF: 388.0/13

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

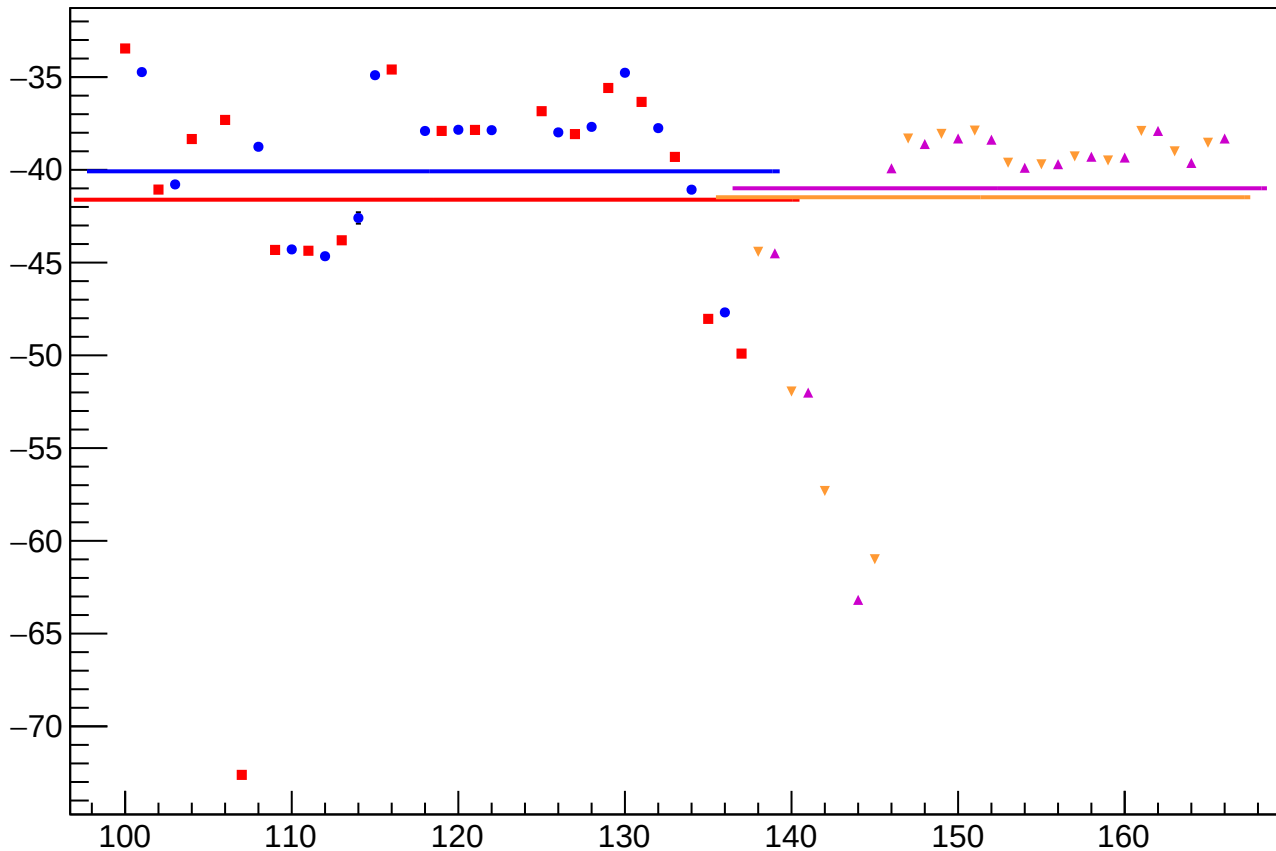
Left In: 16.785 $\pm$ 0.371 χ^2 /NDF: 537.7/13

+ sign 14.423 $\pm$ 0.298 χ^2 /NDF: 1069.5/29

All: 14.058 $\pm$ 0.212 χ^2 /NDF: 2509.9/61

- sign 13.681 $\pm$ 0.303 χ^2 /NDF: 1437.3/31

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -41.478 ± 0.018 χ^2/NDF : 113194.1/13

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

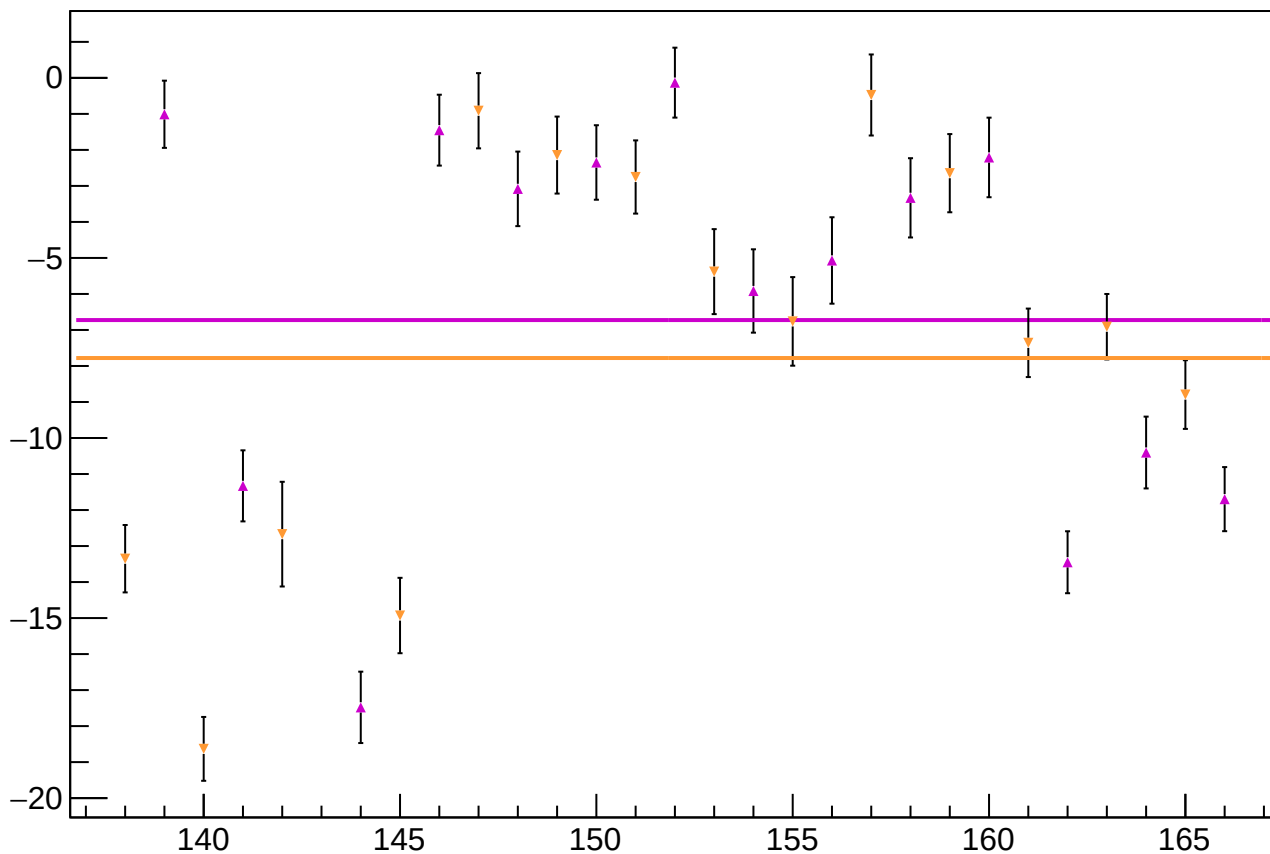
Left In: -40.994 ± 0.018 χ^2/NDF : 94887.6/13

+ sign -41.062 ± 0.015 χ^2/NDF : 140045.6/29

All: -41.114 ± 0.011 χ^2/NDF : 297075.7/61

- sign -41.164 ± 0.015 χ^2/NDF : 157007.7/31

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -7.779+/-0.277 χ^2/NDF : 410.3/13

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

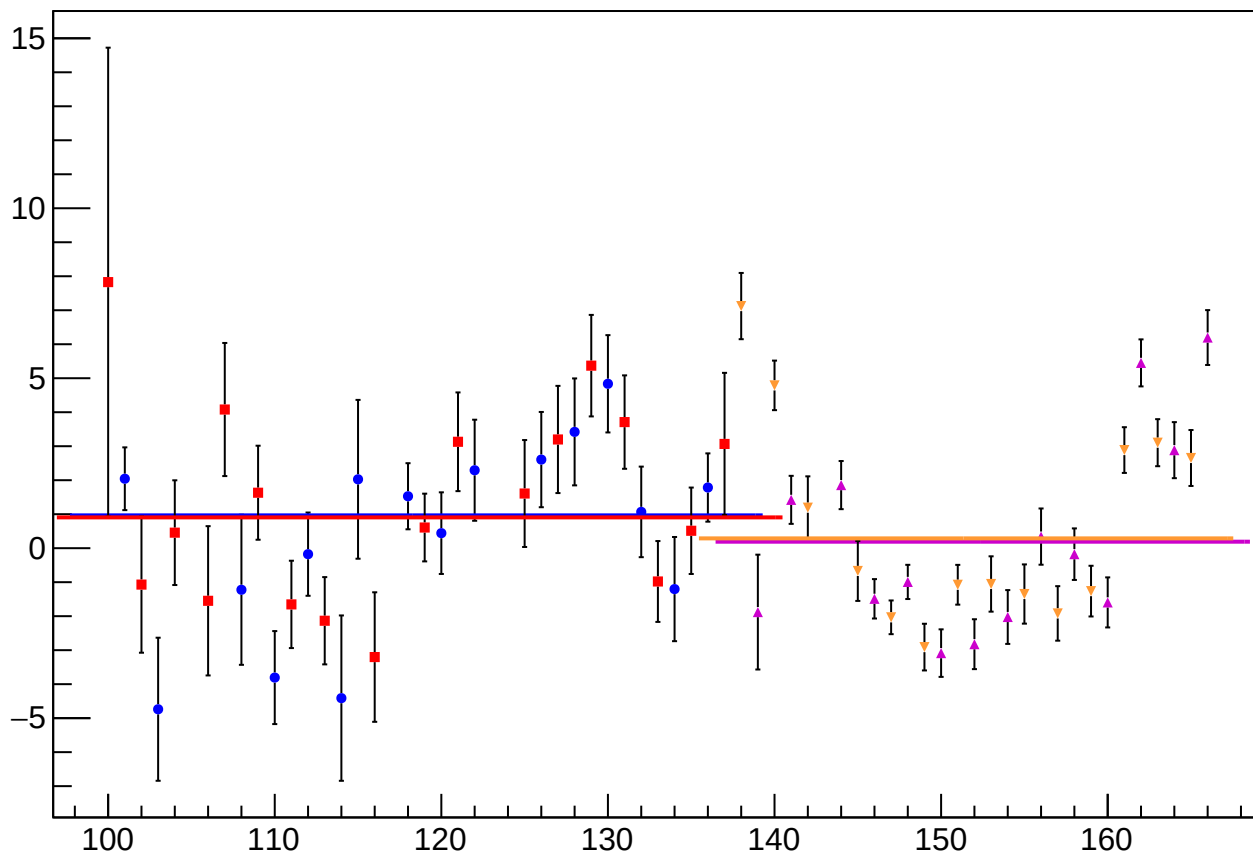
Left In: -6.725+/-0.269 χ^2/NDF : 416.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.235+/-0.193 χ^2/NDF : 834.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 $\chi^2/\text{NDF}: 42.9/15$

Left Out: 0.288 ± 0.194 $\chi^2/\text{NDF}: 196.4/13$

Right Out: 0.906 ± 0.354 $\chi^2/\text{NDF}: 42.0/17$

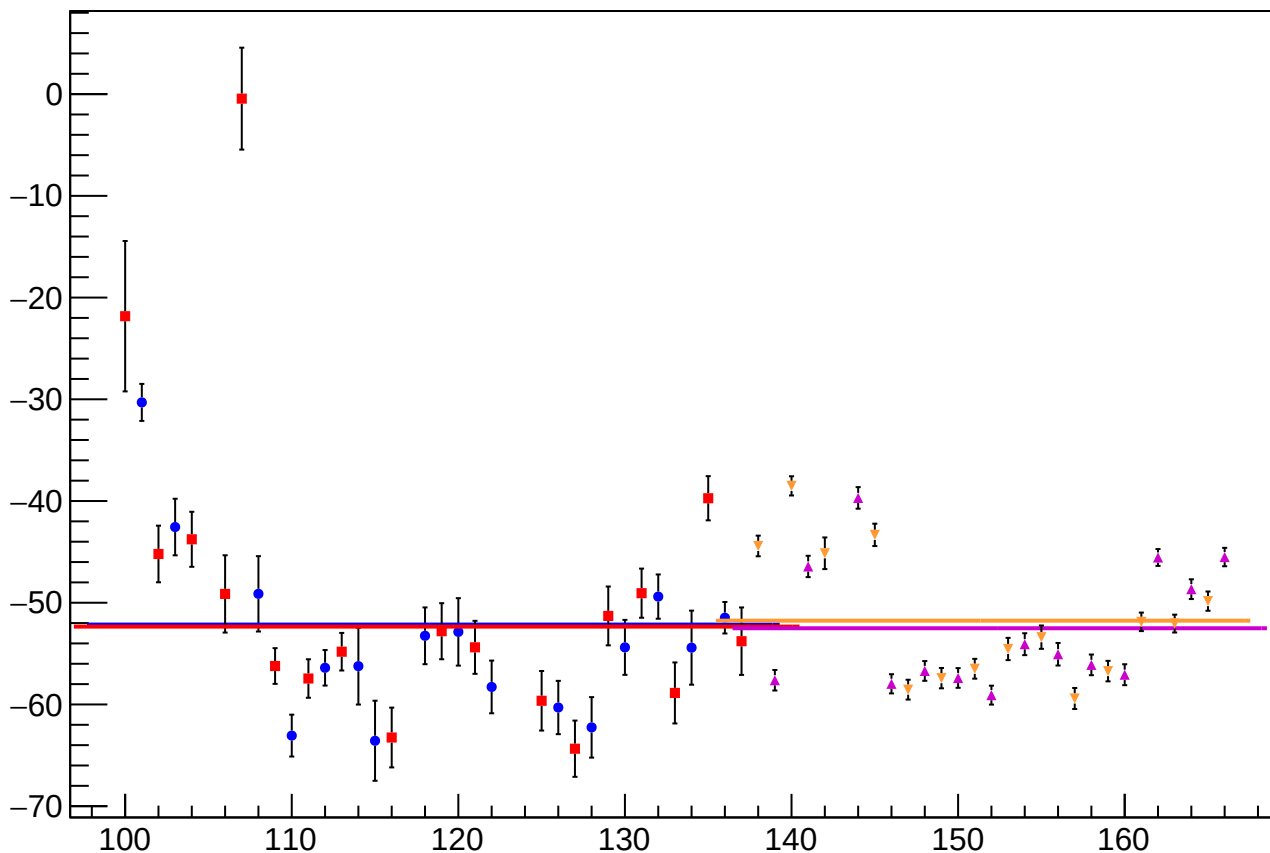
Left In: 0.191 ± 0.193 $\chi^2/\text{NDF}: 200.7/13$

+ sign 0.457 ± 0.169 $\chi^2/\text{NDF}: 242.4/29$

All: 0.406 ± 0.119 $\chi^2/\text{NDF}: 488.4/61$

- sign 0.355 ± 0.169 $\chi^2/\text{NDF}: 245.8/31$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -51.763 ± 0.271 χ^2/NDF : 521.6/13

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

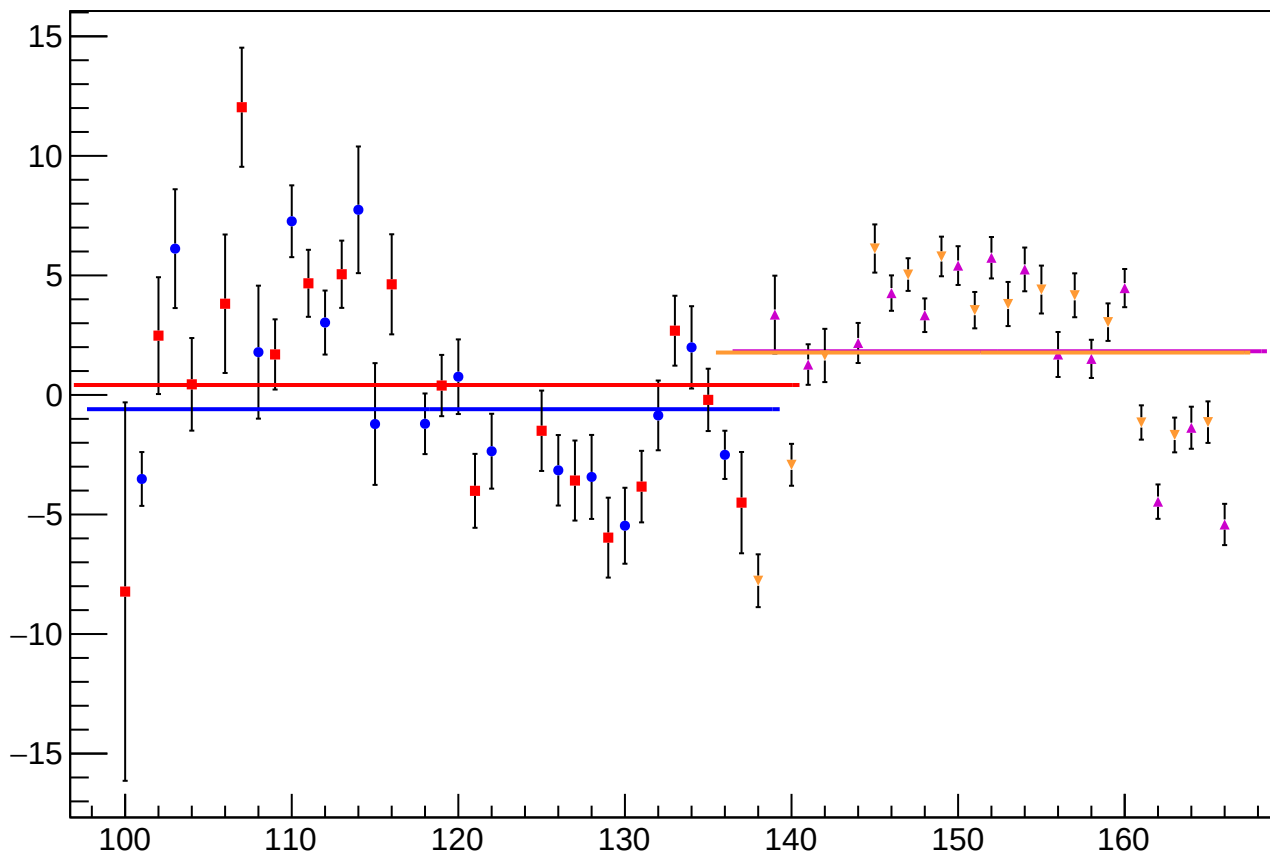
Left In: -52.509 ± 0.262 χ^2/NDF : 518.8/13

+ sign -51.826 ± 0.248 χ^2/NDF : 752.2/29

All: -52.164 ± 0.173 χ^2/NDF : 1510.3/61

- sign -52.484 ± 0.241 χ^2/NDF : 754.5/31

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 1.774 ± 0.227 χ^2/NDF : 245.2/13

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

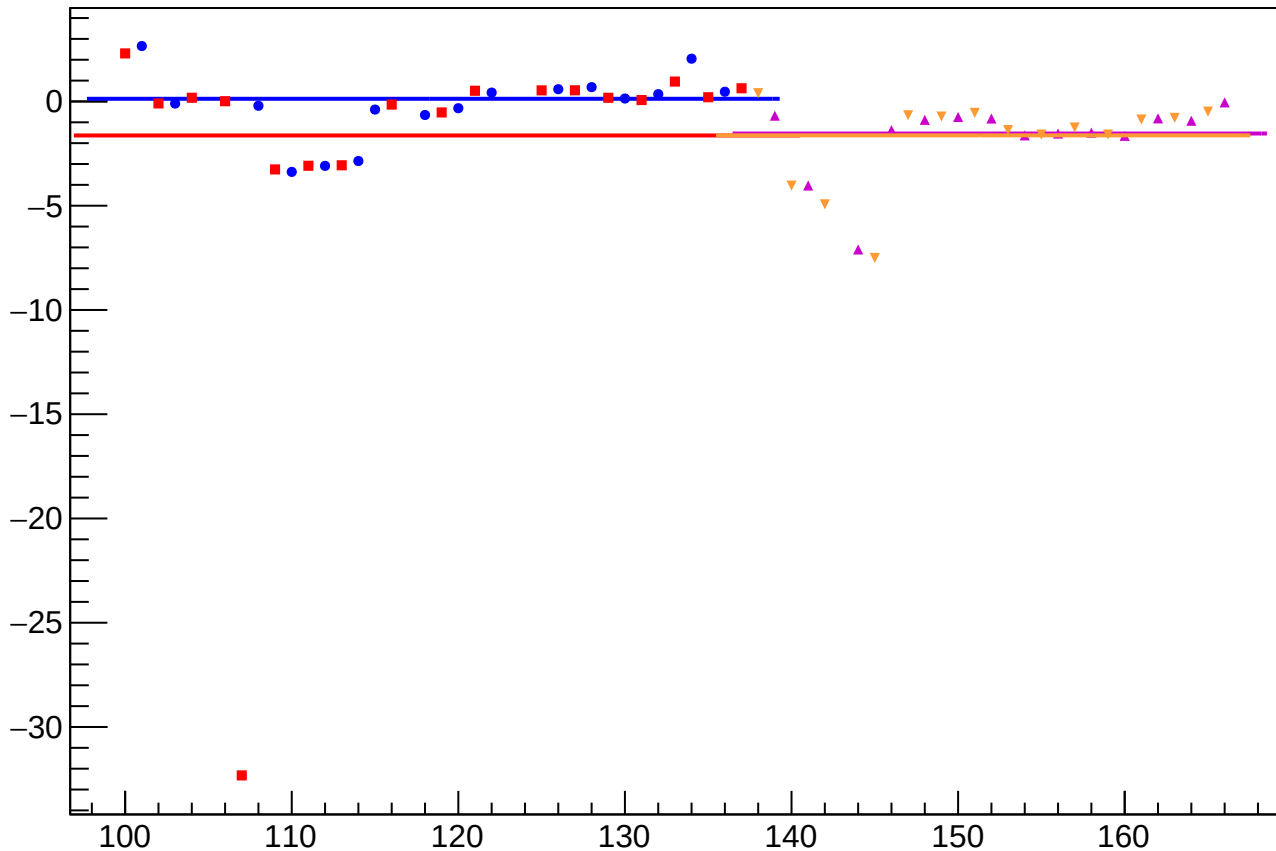
Left In: 1.827 ± 0.224 χ^2/NDF : 242.1/13

+ sign 1.159 ± 0.195 χ^2/NDF : 356.1/29

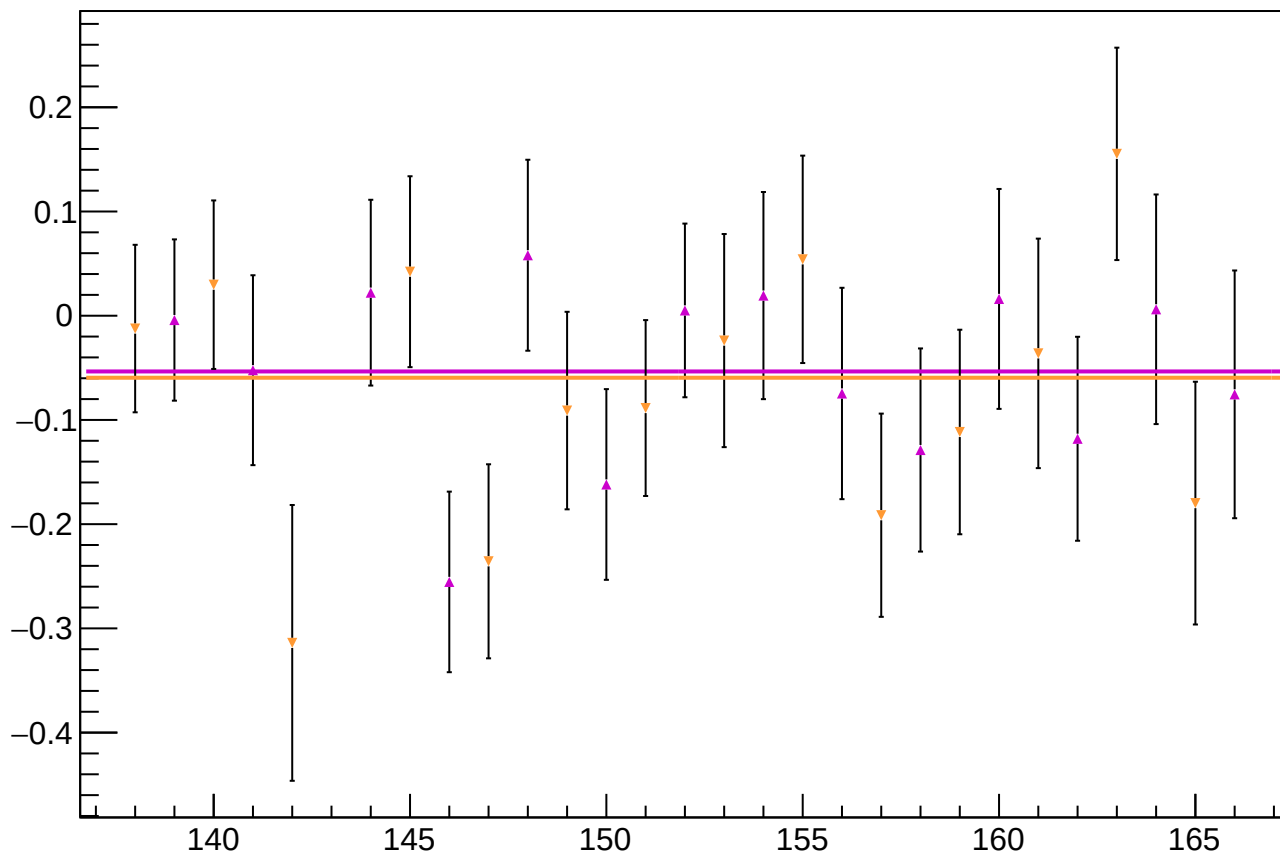
All: 1.325 ± 0.138 χ^2/NDF : 704.9/61

- sign 1.490 ± 0.195 χ^2/NDF : 347.4/31

reg_asym_us_dd_diff_bpm12X_slope vs Slug



reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.060 $\pm$ 0.026 χ^2 /NDF: 19.4/13

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

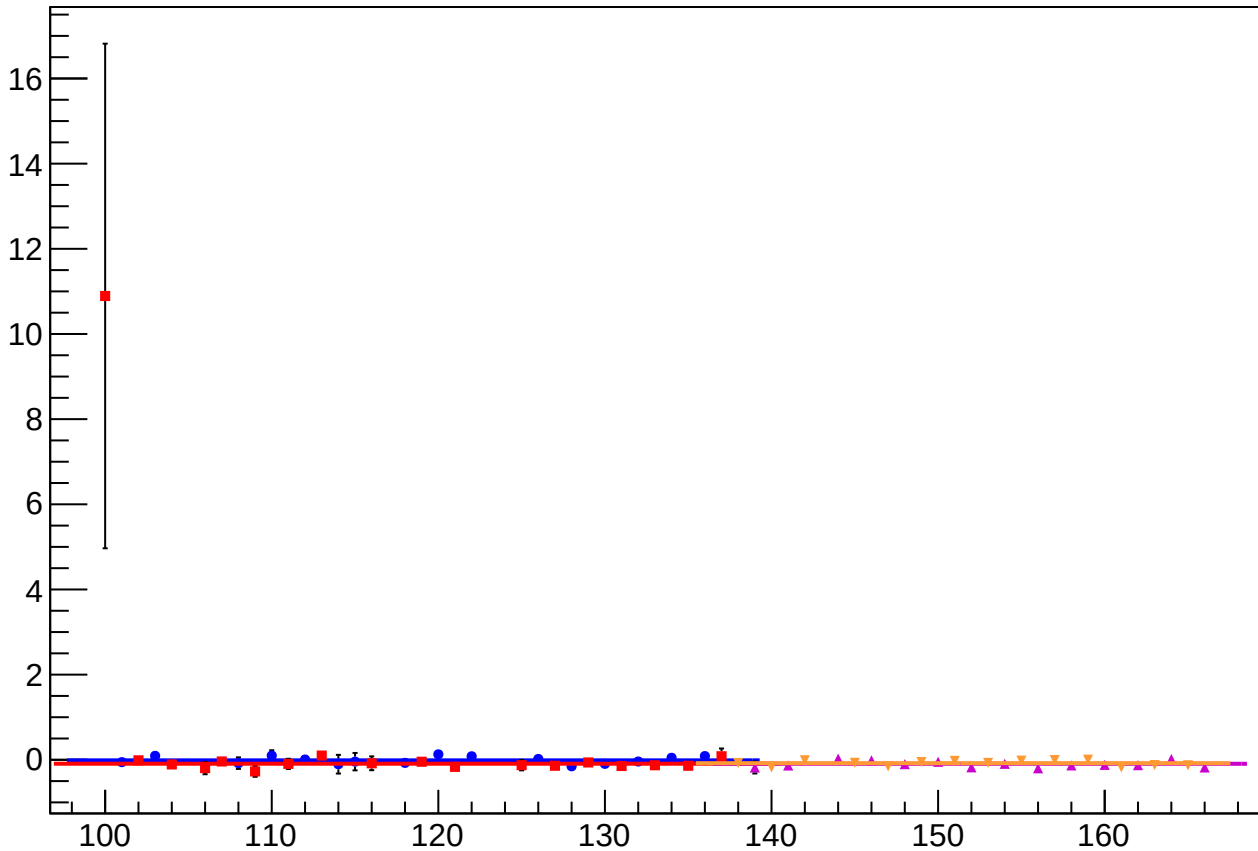
Left In: -0.053 $\pm$ 0.025 χ^2 /NDF: 12.3/13

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

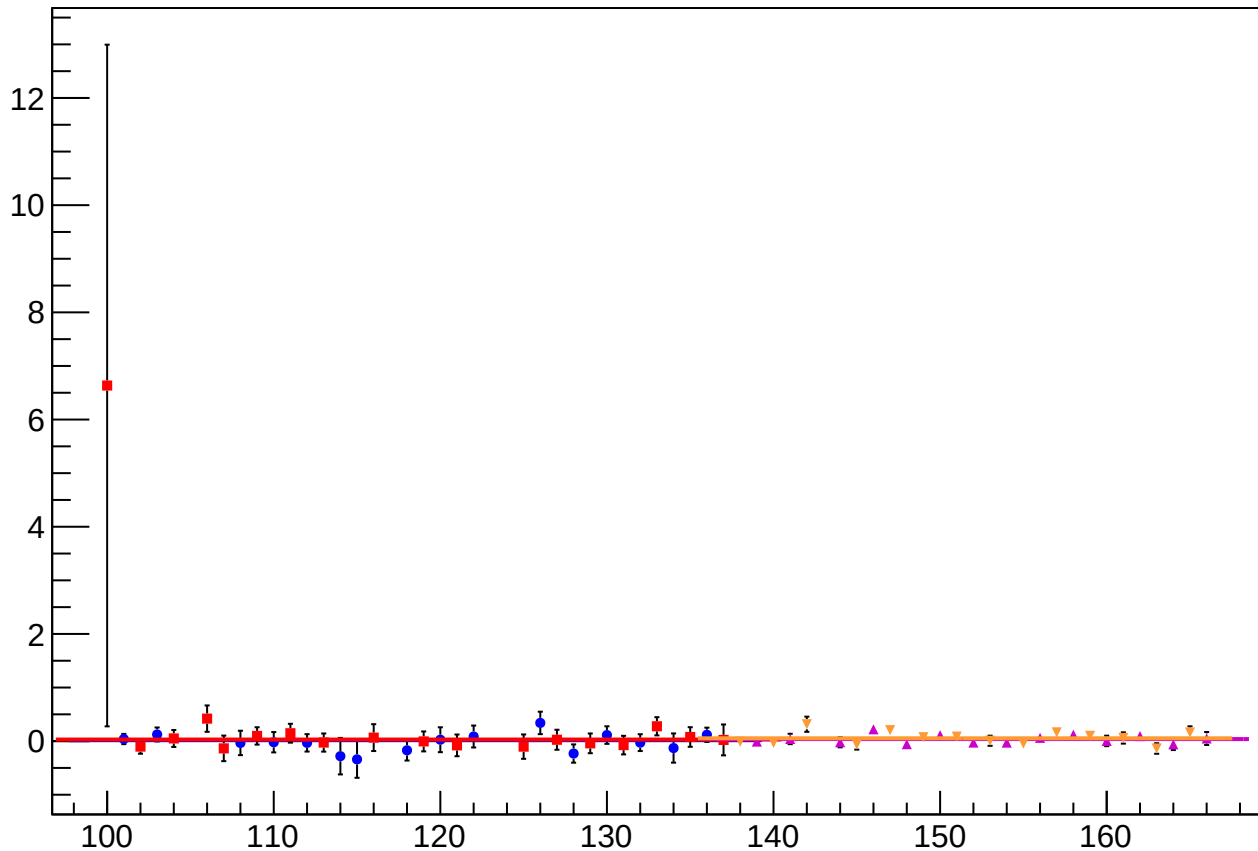
All: -0.056 $\pm$ 0.018 χ^2 /NDF: 31.7/27

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

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.053 $\pm$ 0.025 χ^2 /NDF:17.4/13

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

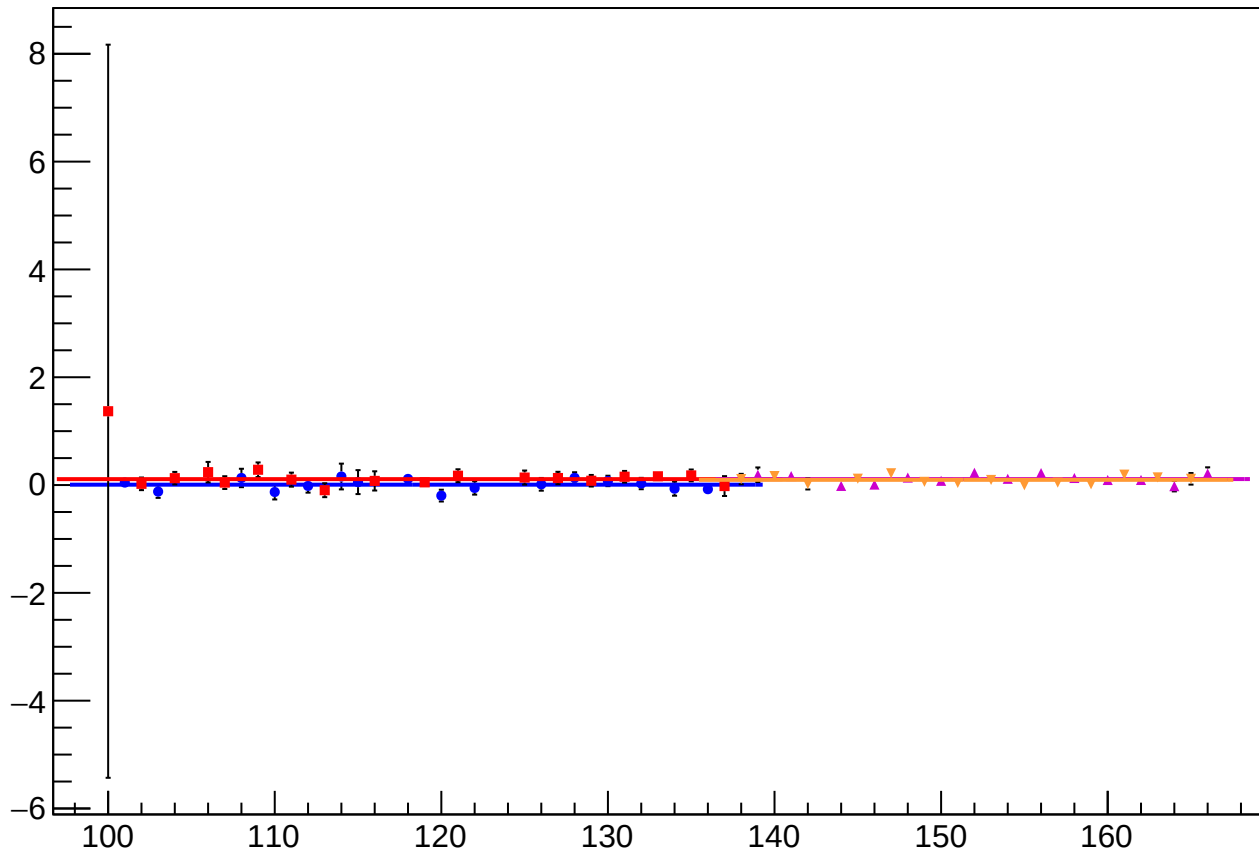
Left In: 0.039 $\pm$ 0.025 χ^2 /NDF:10.8/13

+ sign 0.044 $\pm$ 0.022 χ^2 /NDF: 27.5/29

All: 0.040 $\pm$ 0.015 χ^2 /NDF: 47.7/61

- sign 0.037 $\pm$ 0.022 χ^2 /NDF: 20.0/31

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.097 ± 0.021 χ^2/NDF : 11.5/13

Right Out: 0.110 ± 0.029 χ^2/NDF : 8.0/17

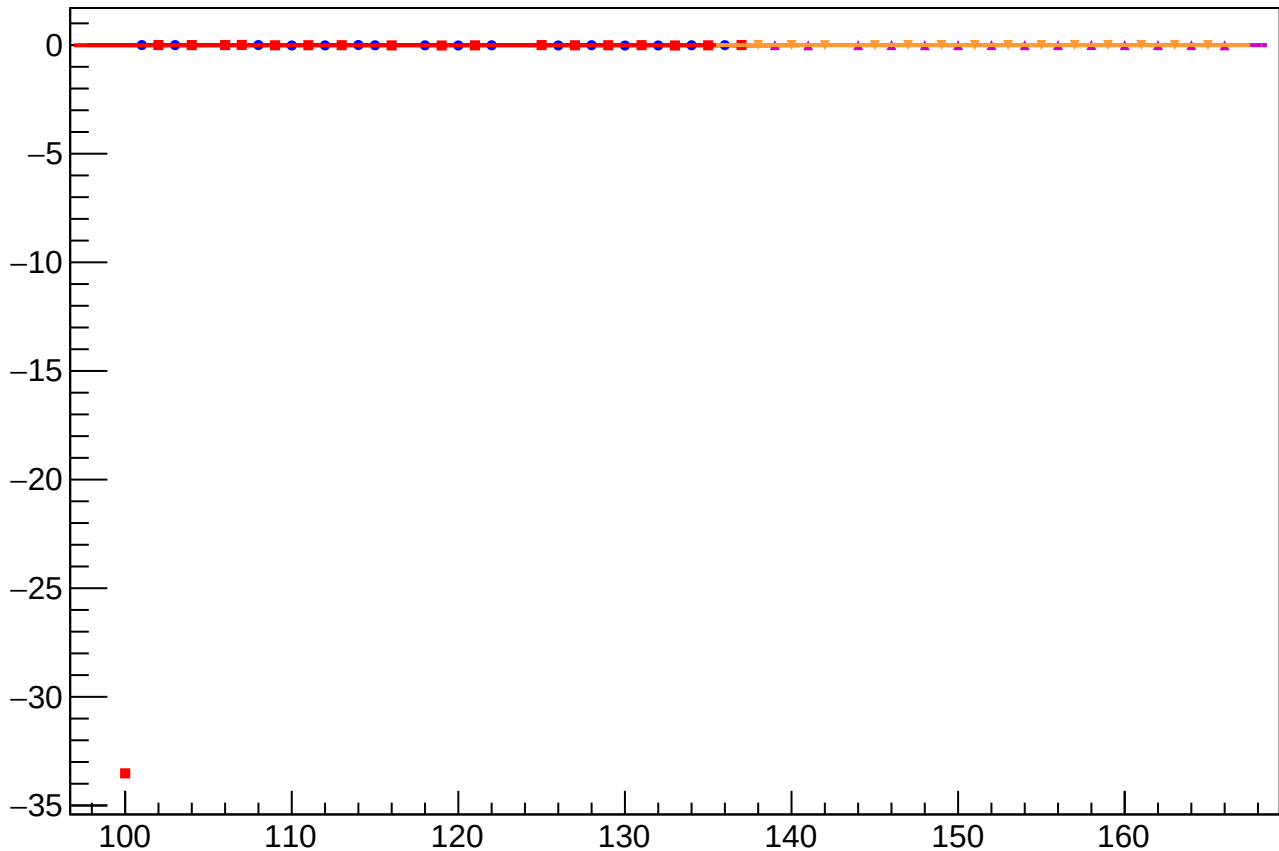
Left In: 0.111 ± 0.021 χ^2/NDF : 13.7/13

+ sign 0.063 ± 0.017 χ^2/NDF : 30.6/29

All: 0.086 ± 0.012 χ^2/NDF : 56.4/61

- sign 0.111 ± 0.017 χ^2/NDF : 21.7/31

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 : 10.3/13

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

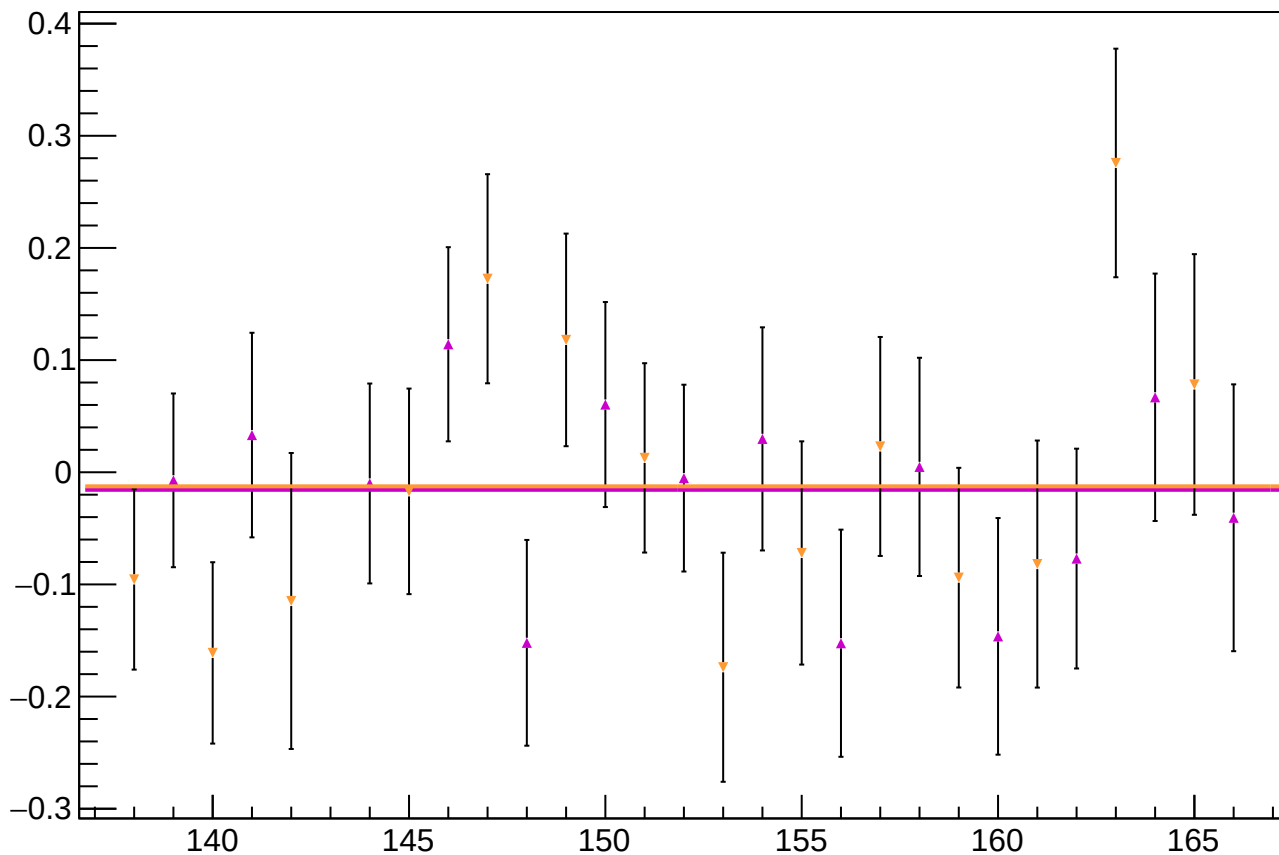
Left In: -0.000 ± 0.001 χ^2/NDF : 10.0/13

+ sign -0.001 ± 0.001 χ^2/NDF : 47.3/29

All: -0.001 ± 0.001 χ^2/NDF : 26577.8/61

- sign -0.002 ± 0.001 χ^2/NDF : 26529.8/31

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.013 $\pm$ 0.026 χ^2 /NDF:23.7/13

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

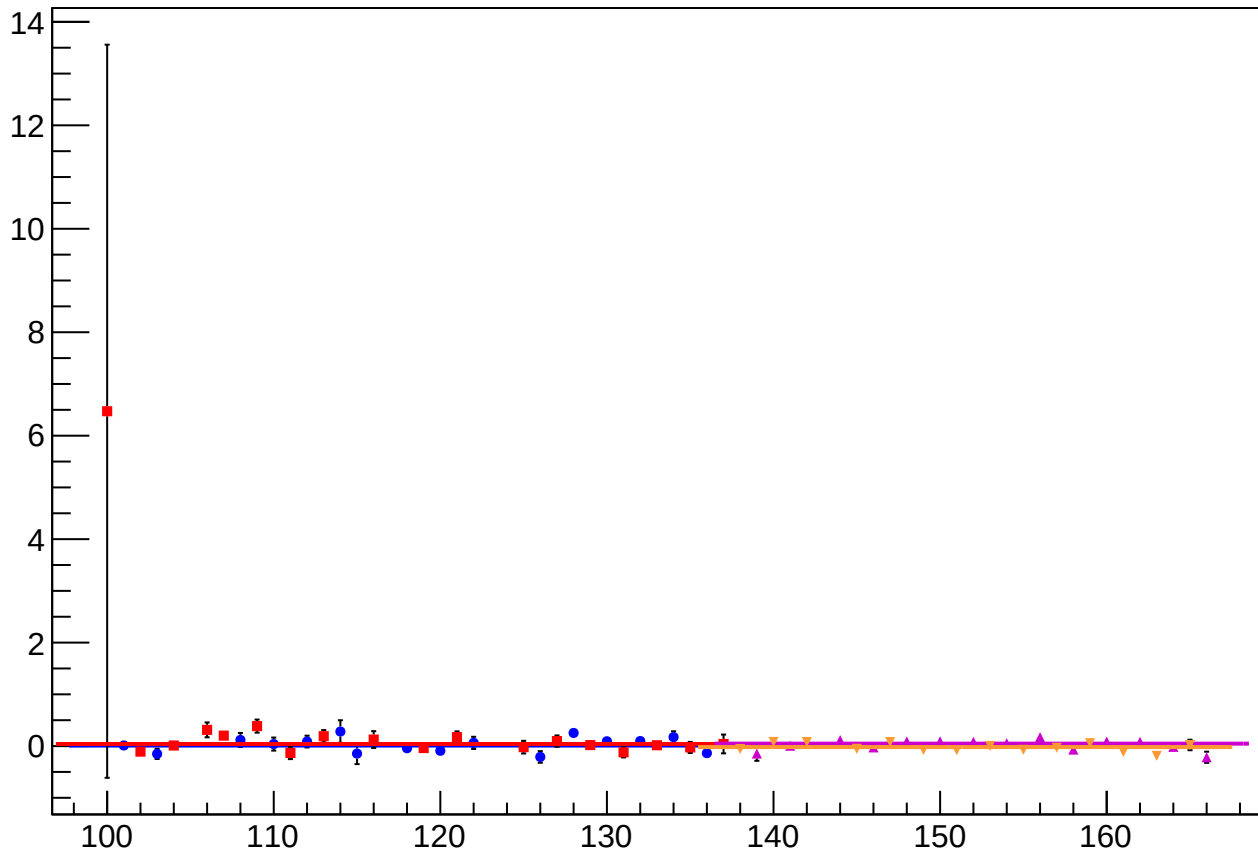
Left In: -0.016 $\pm$ 0.025 χ^2 /NDF:10.1/13

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

All: -0.014 $\pm$ 0.018 χ^2 /NDF: 33.7/27

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

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 25.4/15

Left Out: -0.019 $\pm$ 0.018 χ^2 /NDF: 19.5/13

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 27.9/17

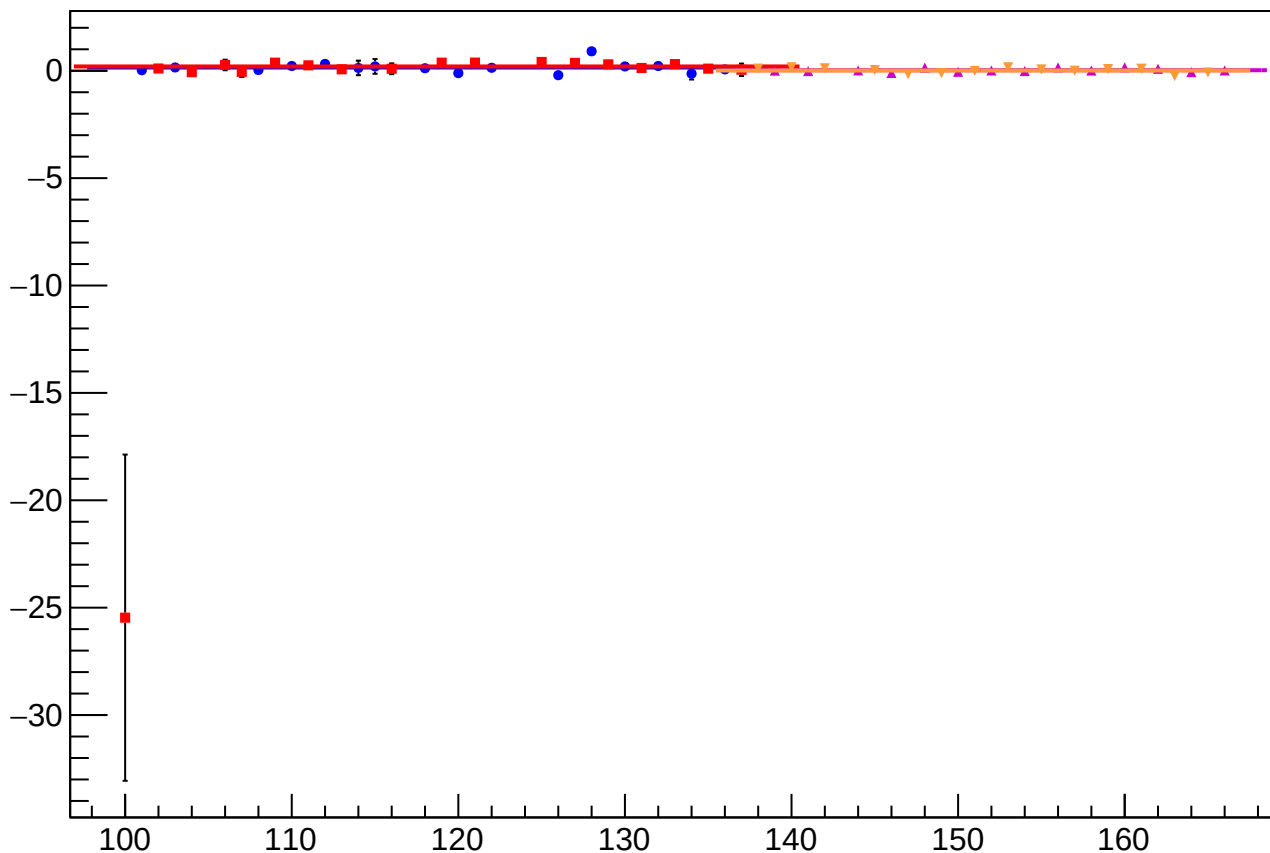
Left In: 0.047 $\pm$ 0.018 χ^2 /NDF: 20.3/13

+ sign -0.008 $\pm$ 0.014 χ^2 /NDF: 46.0/29

All: 0.017 $\pm$ 0.010 χ^2 /NDF: 101.1/61

- sign 0.044 $\pm$ 0.014 χ^2 /NDF: 48.3/31

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.012 ± 0.025 χ^2/NDF : 22.3/13

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

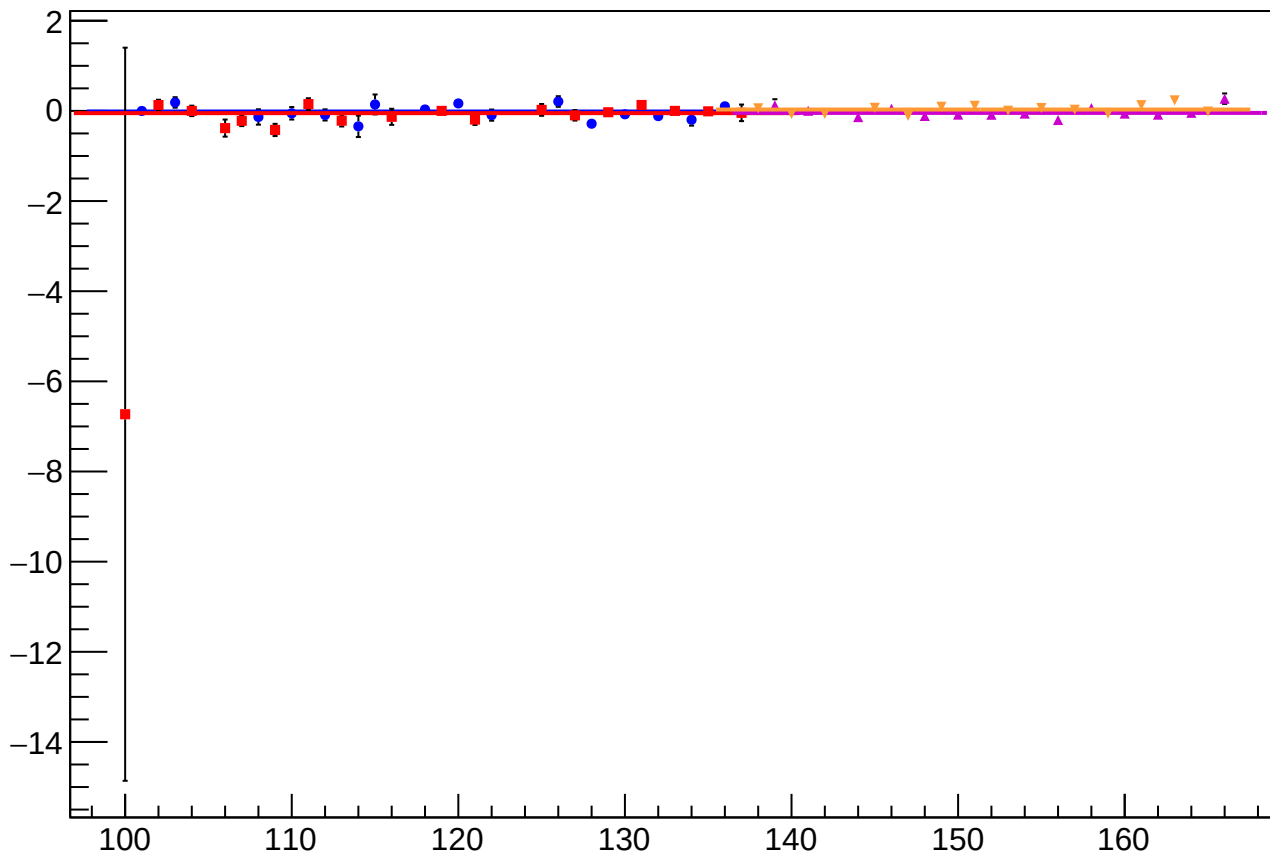
Left In: 0.025 ± 0.025 χ^2/NDF : 10.6/13

+ sign 0.048 ± 0.022 χ^2/NDF : 59.0/29

All: 0.057 ± 0.015 χ^2/NDF : 104.5/61

- sign 0.065 ± 0.022 χ^2/NDF : 45.2/31

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 : 20.1/13

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

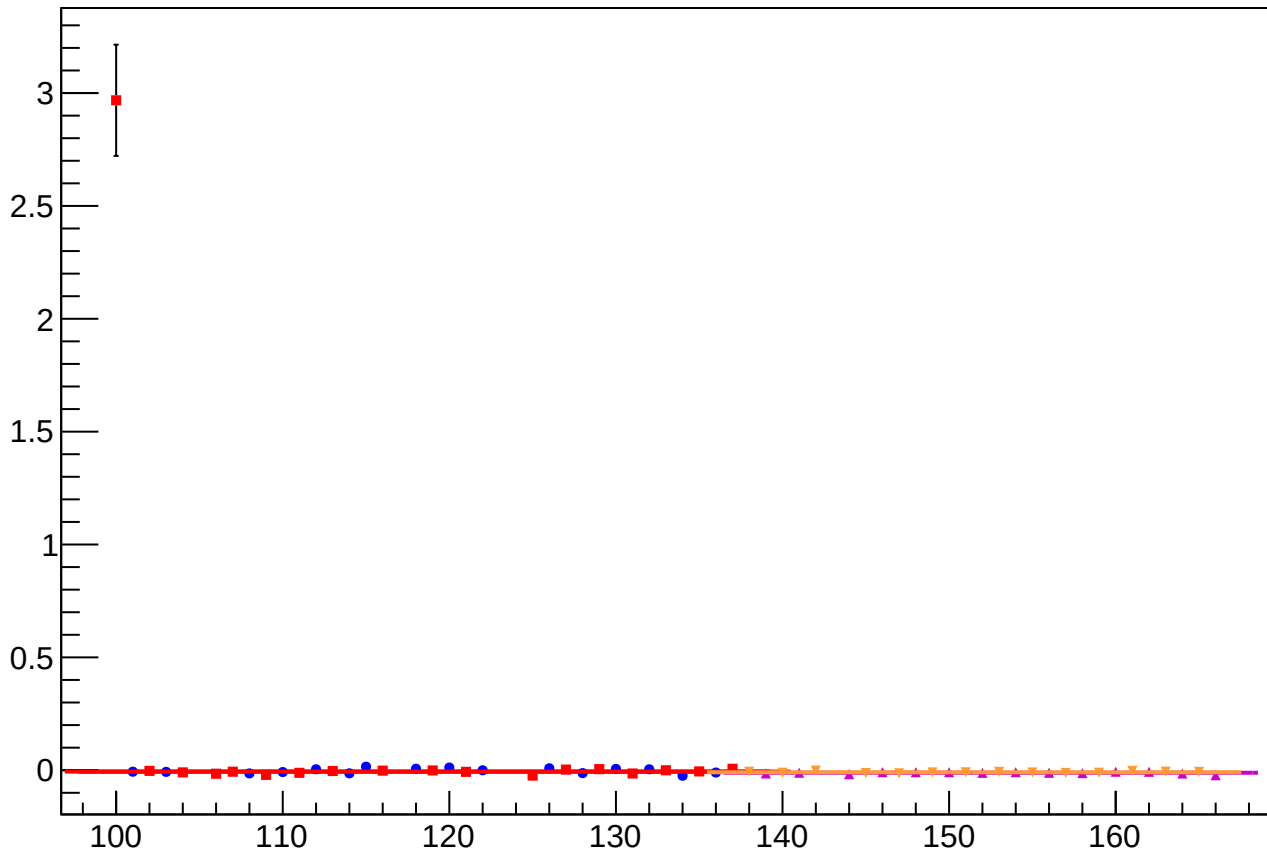
Left In: -0.044 ± 0.021 χ^2/NDF : 21.2/13

+ sign 0.014 ± 0.017 χ^2/NDF : 47.0/29

All: -0.016 ± 0.012 χ^2/NDF : 100.3/61

- sign -0.046 ± 0.017 χ^2/NDF : 47.0/31

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 : 9.2/13

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

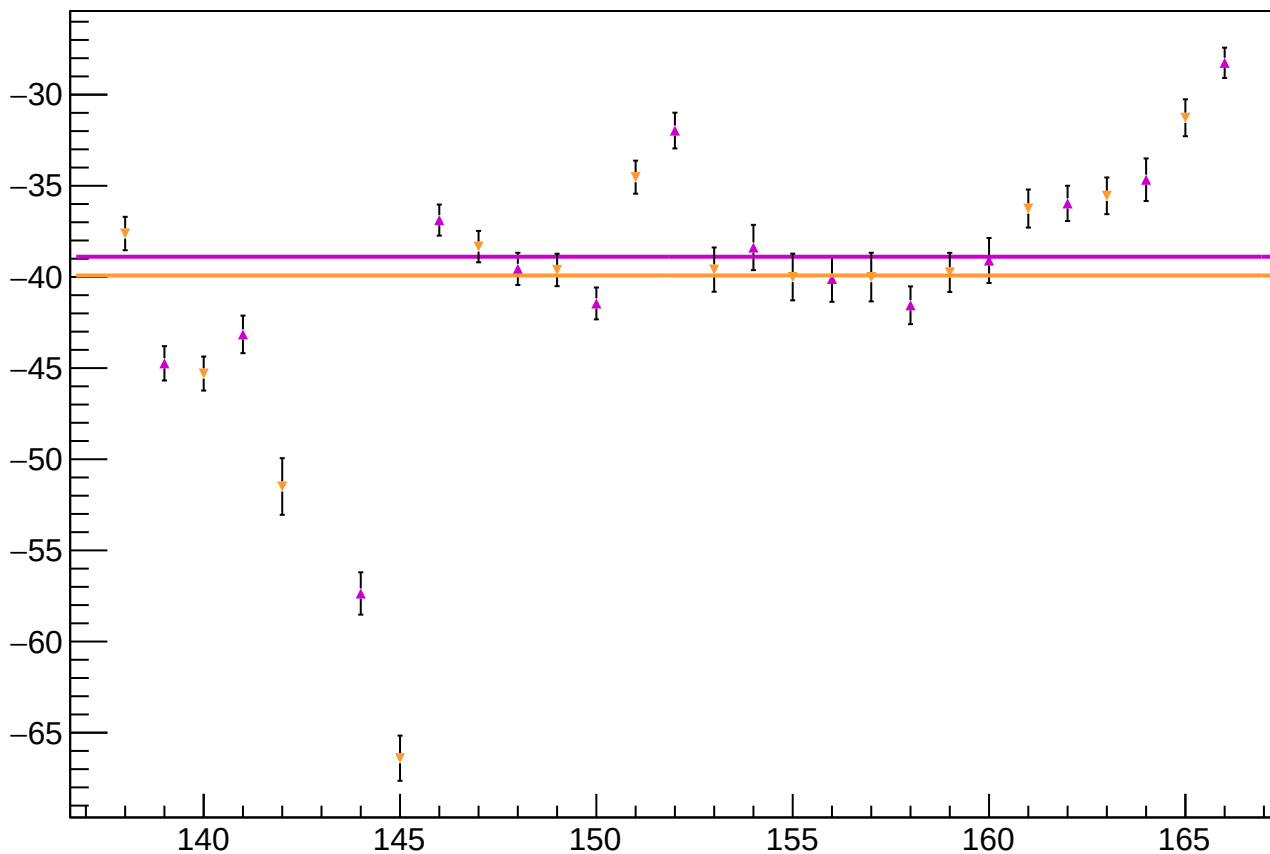
Left In: -0.011 ± 0.001 χ^2/NDF : 13.4/13

+ sign -0.008 ± 0.001 χ^2/NDF : 41.3/29

All: -0.009 ± 0.001 χ^2/NDF : 230.8/61

- sign -0.010 ± 0.001 χ^2/NDF : 187.9/31

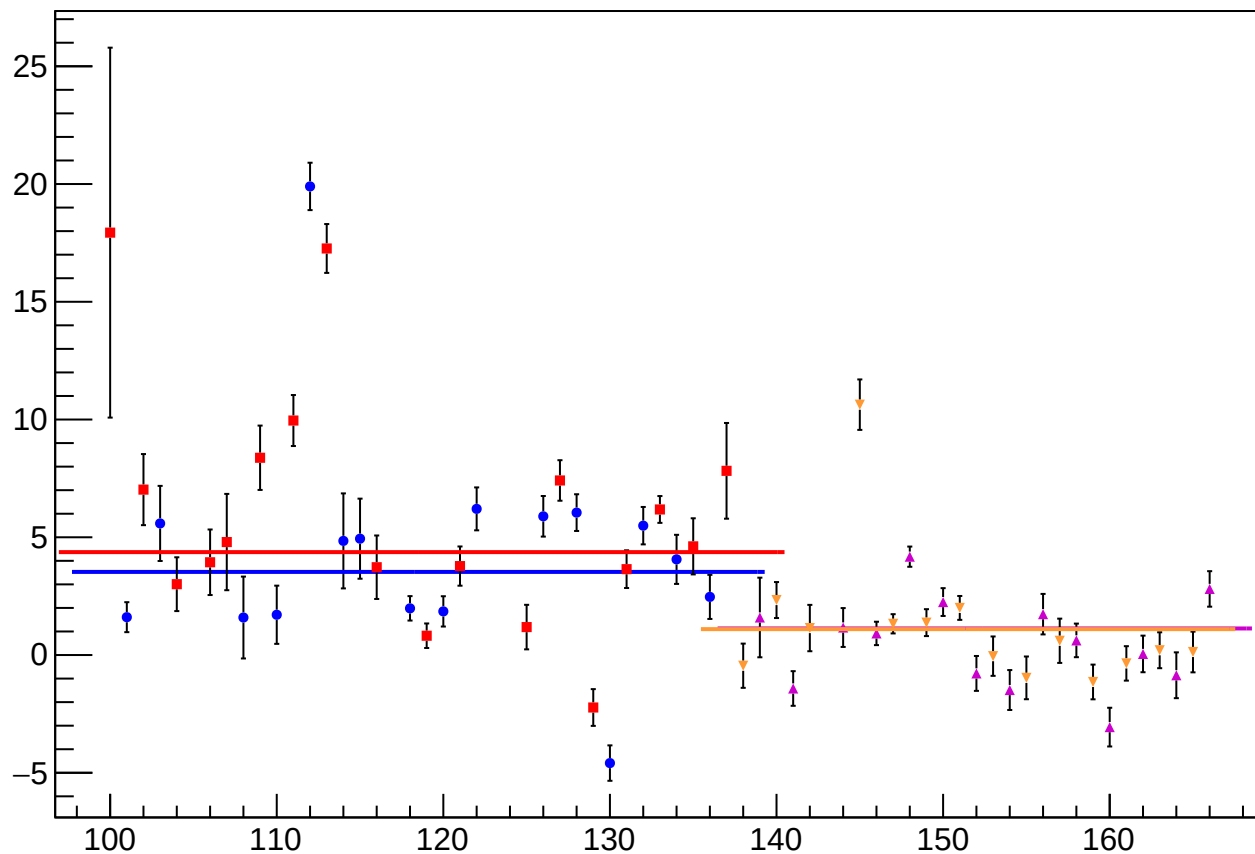
reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -39.919+/-0.279 χ^2/NDF : 694.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.891+/-0.268 χ^2/NDF : 567.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -39.384+/-0.193 χ^2/NDF : 1268.8/27
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 1.099 ± 0.188 $\chi^2/\text{NDF}: 111.4/13$

Right Out: 4.370 ± 0.225 $\chi^2/\text{NDF}: 353.8/17$

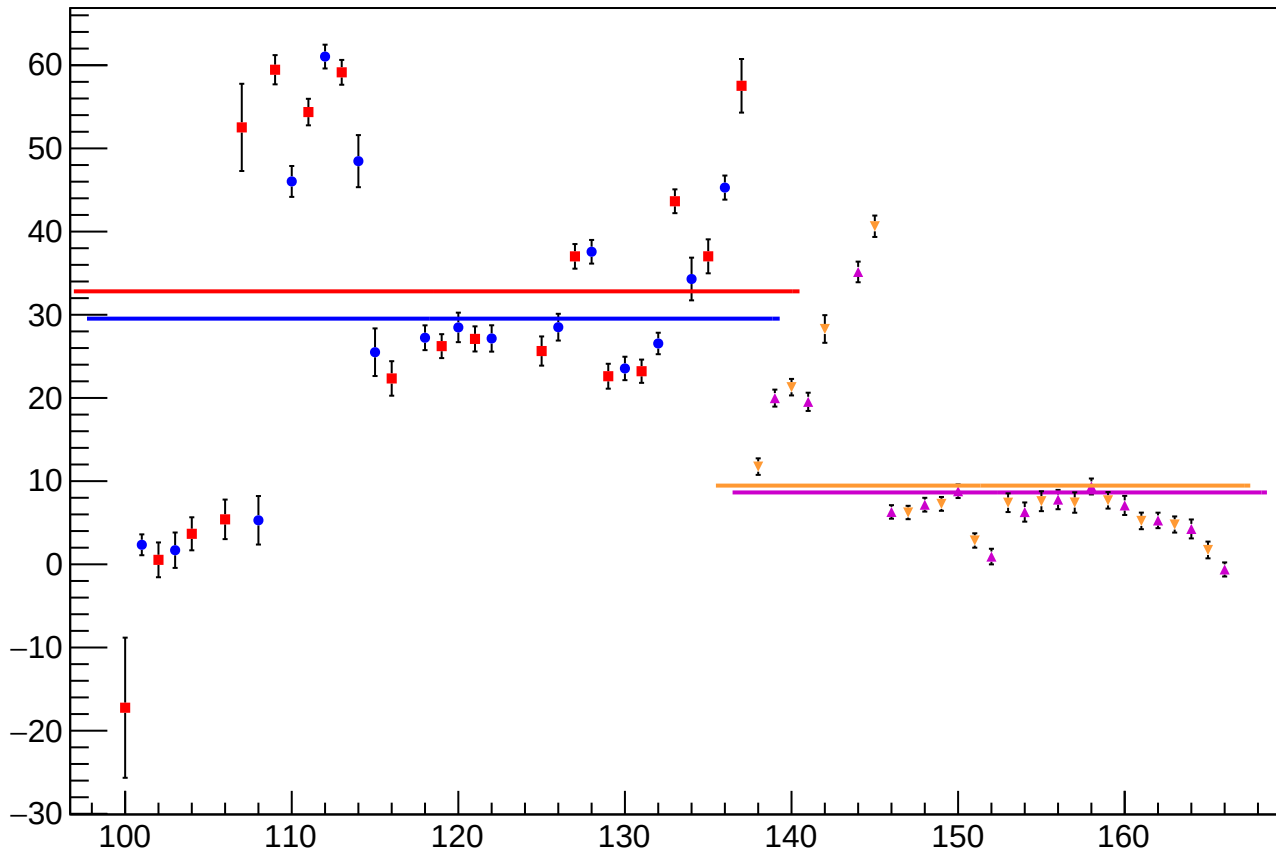
Left In: 1.128 ± 0.187 $\chi^2/\text{NDF}: 120.6/13$

+ sign 2.141 ± 0.142 $\chi^2/\text{NDF}: 629.5/29$

All: 2.295 ± 0.101 $\chi^2/\text{NDF}: 1228.5/61$

- sign 2.452 ± 0.144 $\chi^2/\text{NDF}: 596.7/31$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 ± 0.417 χ^2/NDF : 1494.9/15

Left Out: 9.465 ± 0.272 χ^2/NDF : 1056.2/13

Right Out: 32.816 ± 0.423 χ^2/NDF : 1659.3/17

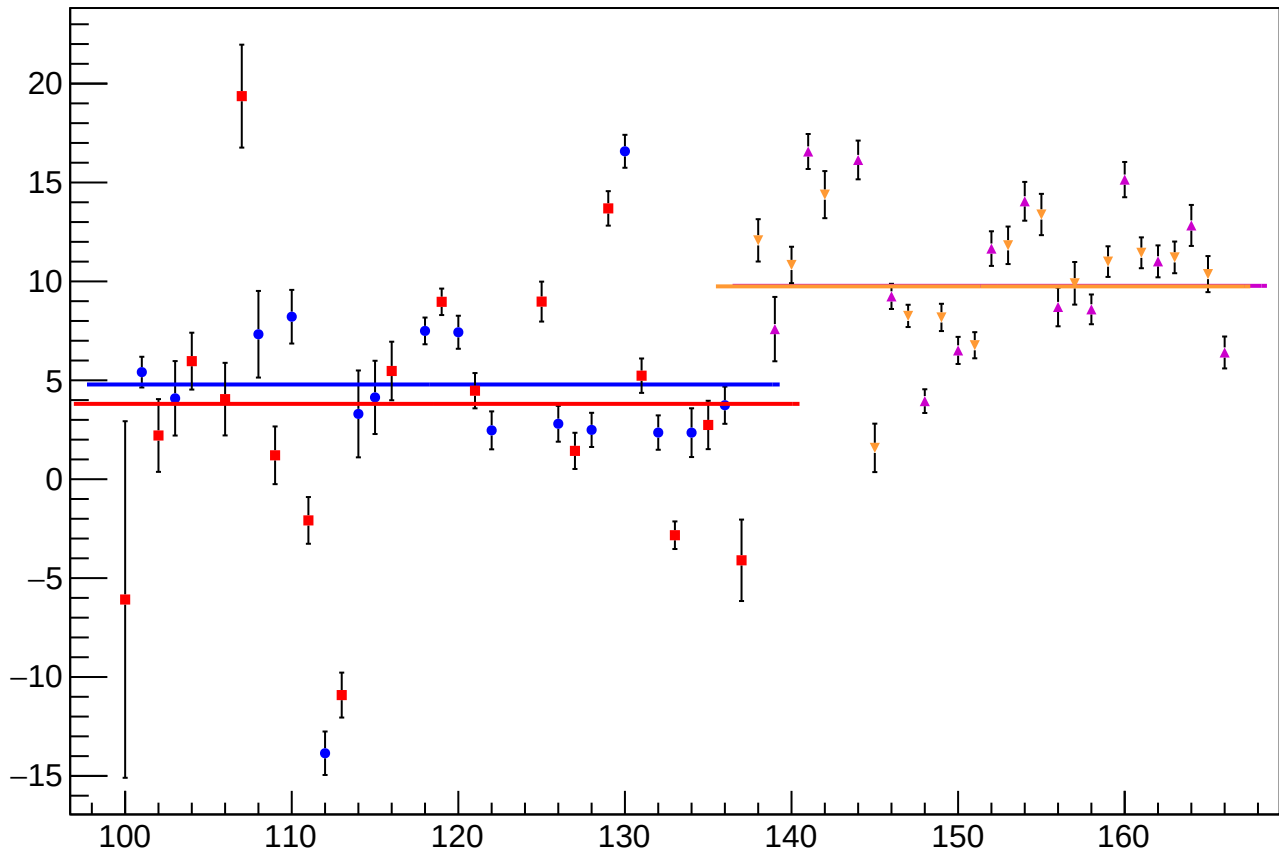
Left In: 8.641 ± 0.261 χ^2/NDF : 912.1/13

+ sign 15.454 ± 0.228 χ^2/NDF : 4178.2/29

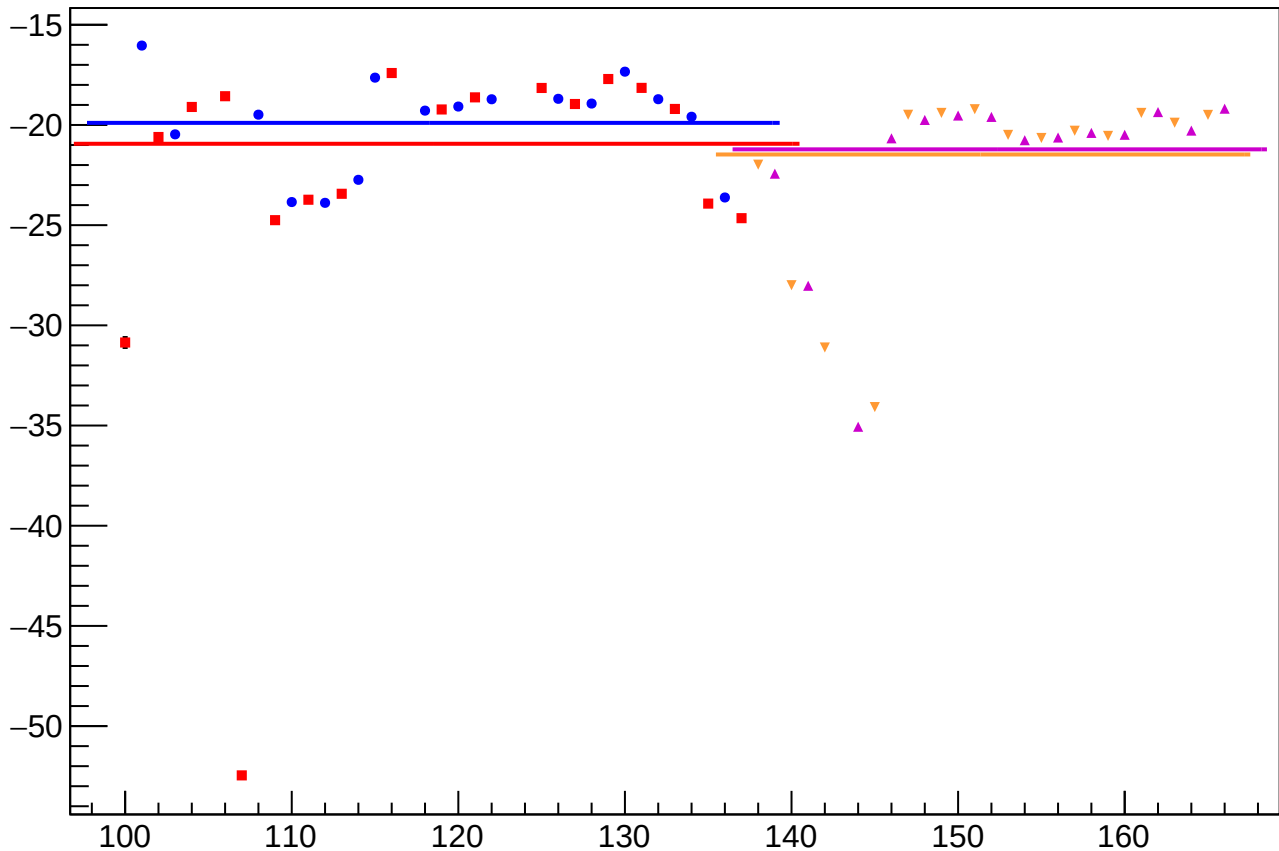
All: 15.378 ± 0.159 χ^2/NDF : 9117.4/61

- sign 15.305 ± 0.222 χ^2/NDF : 4939.0/31

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -21.473 ± 0.011 χ^2/NDF : 124122.8/13

Right Out: -20.938 ± 0.016 χ^2/NDF : 94065.2/17

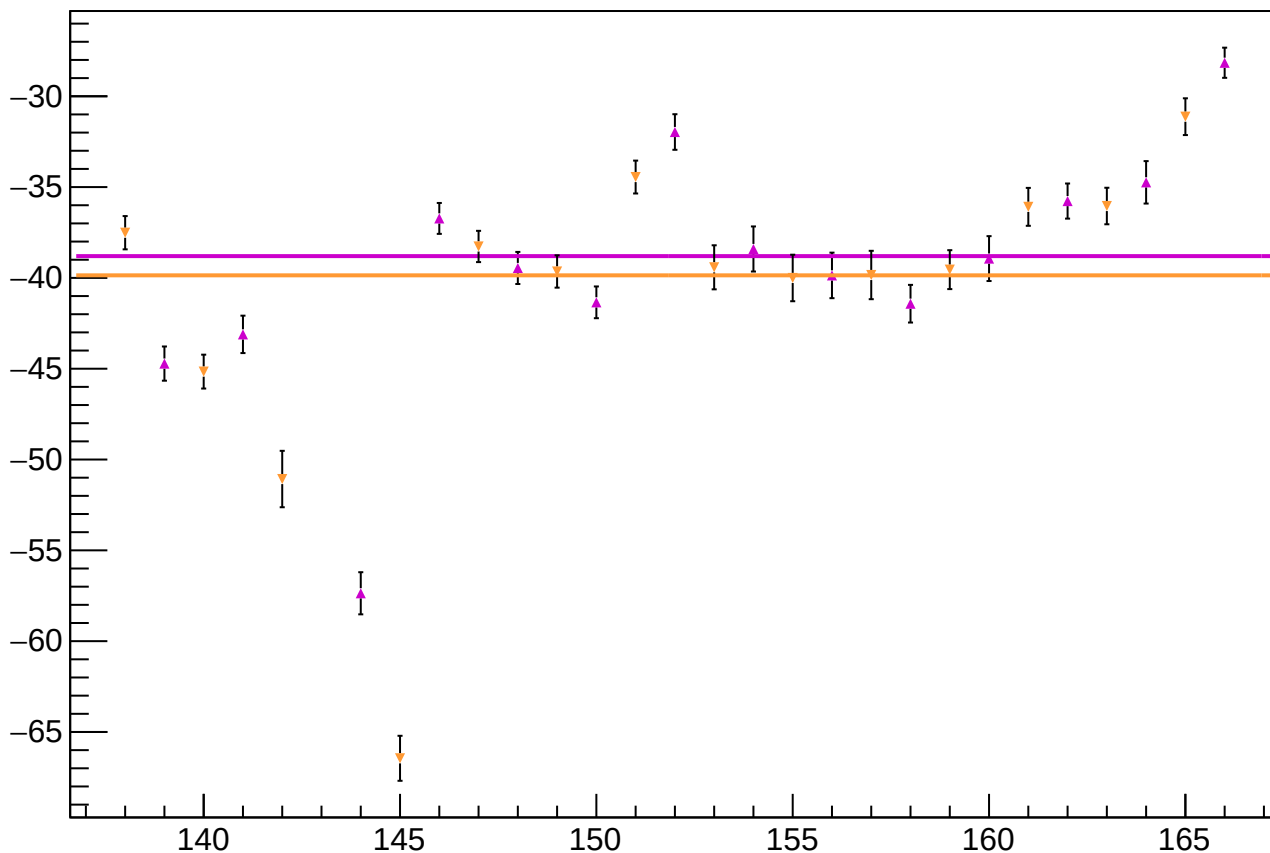
Left In: -21.216 ± 0.010 χ^2/NDF : 102631.0/13

+ sign -20.958 ± 0.009 χ^2/NDF : 157115.1/29

All: -21.047 ± 0.006 χ^2/NDF : 354223.1/61

- sign -21.132 ± 0.009 χ^2/NDF : 196913.4/31

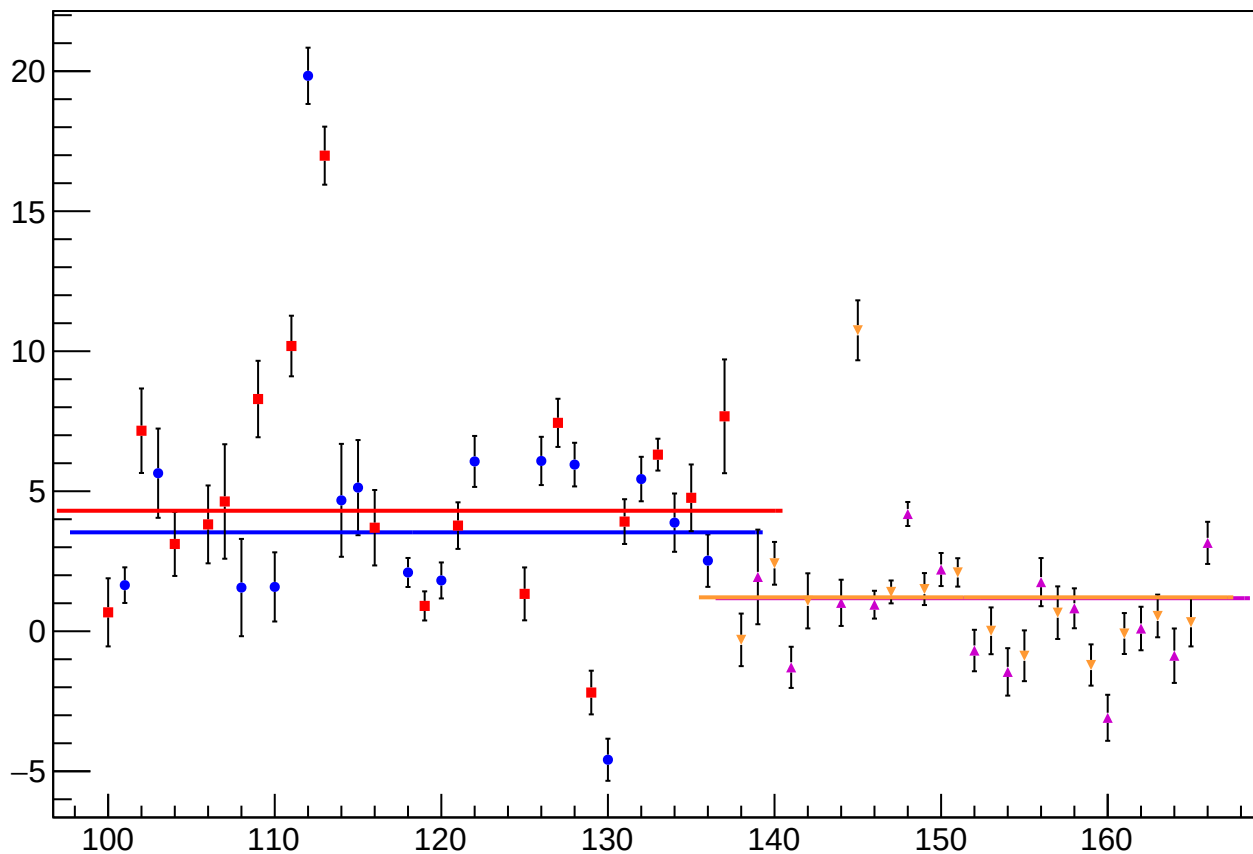
reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -39.859 $\pm$ 0.279 χ^2 /NDF:693.2/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -38.801 $\pm$ 0.268 χ^2 /NDF:570.4/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -39.308 $\pm$ 0.193 χ^2 /NDF: 1271.1/27
 - 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: 1.211 ± 0.188 $\chi^2/\text{NDF}: 111.5/13$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

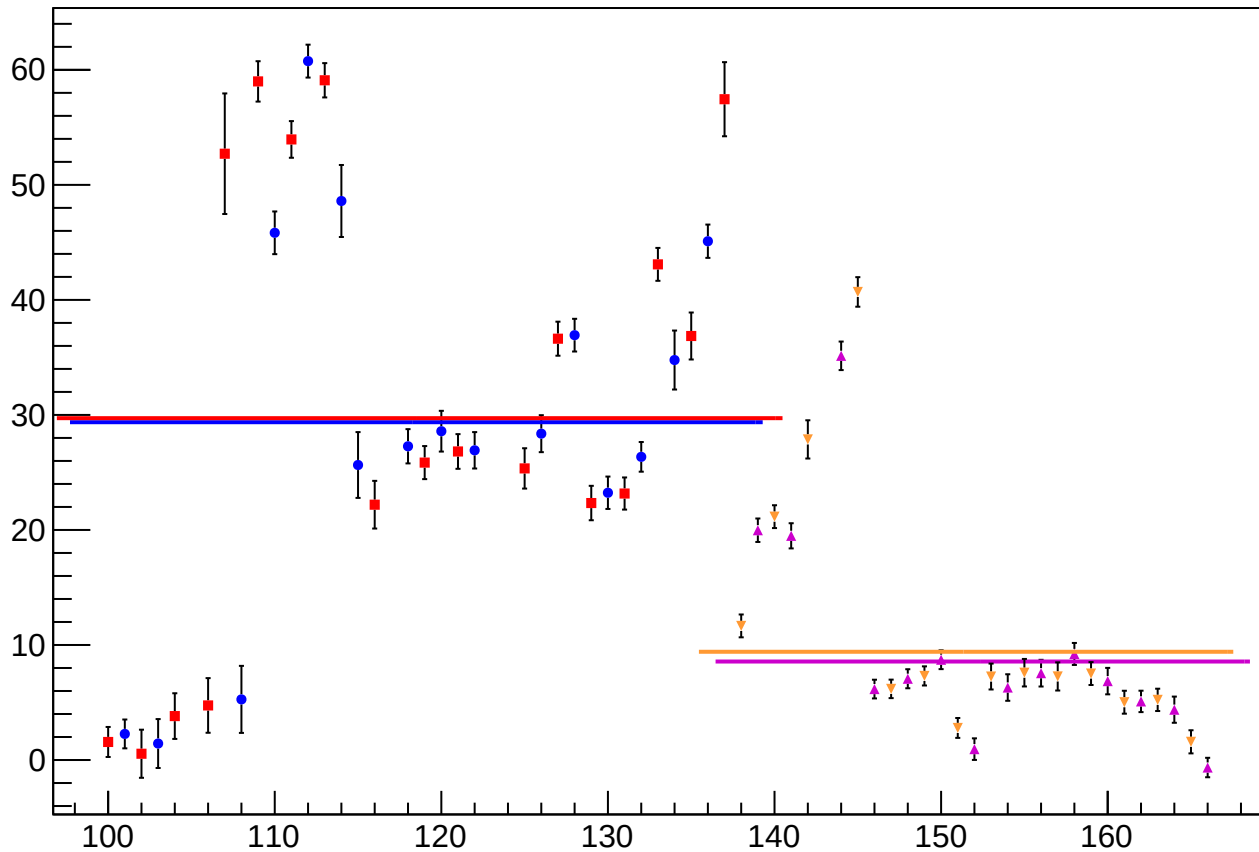
Left In: 1.180 ± 0.187 $\chi^2/\text{NDF}: 121.0/13$

+ sign 2.206 ± 0.142 $\chi^2/\text{NDF}: 620.0/29$

All: 2.343 ± 0.101 $\chi^2/\text{NDF}: 1211.6/61$

- sign 2.481 ± 0.143 $\chi^2/\text{NDF}: 589.7/31$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 ± 0.416 χ^2/NDF : 1488.7/15

Left Out: 9.410 ± 0.272 χ^2/NDF : 1053.1/13

Right Out: 29.719 ± 0.402 χ^2/NDF : 2129.5/17

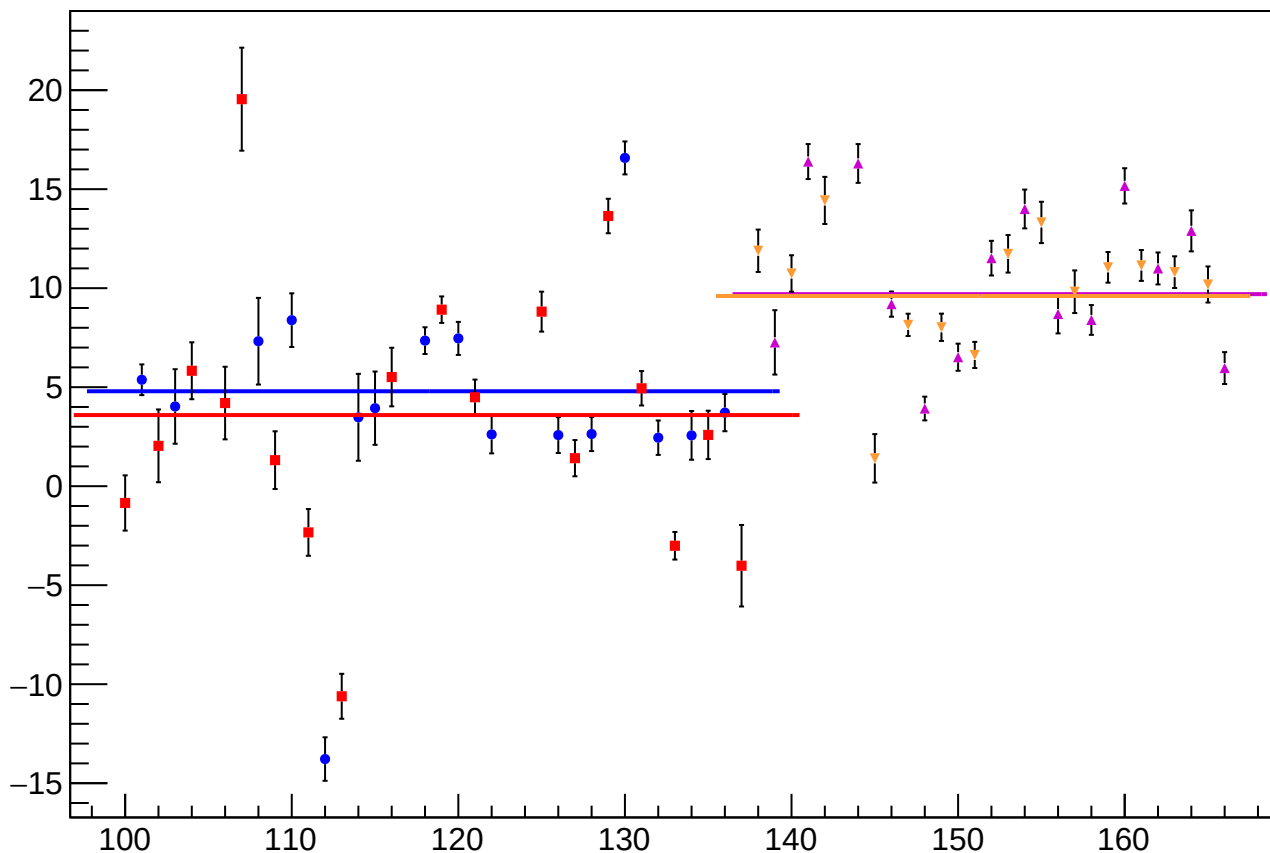
Left In: 8.562 ± 0.261 χ^2/NDF : 915.4/13

+ sign 15.366 ± 0.228 χ^2/NDF : 4152.7/29

All: 15.080 ± 0.158 χ^2/NDF : 9147.5/61

- sign 14.815 ± 0.219 χ^2/NDF : 4991.7/31

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 9.606 ± 0.224 $\chi^2/\text{NDF}: 127.6/13$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

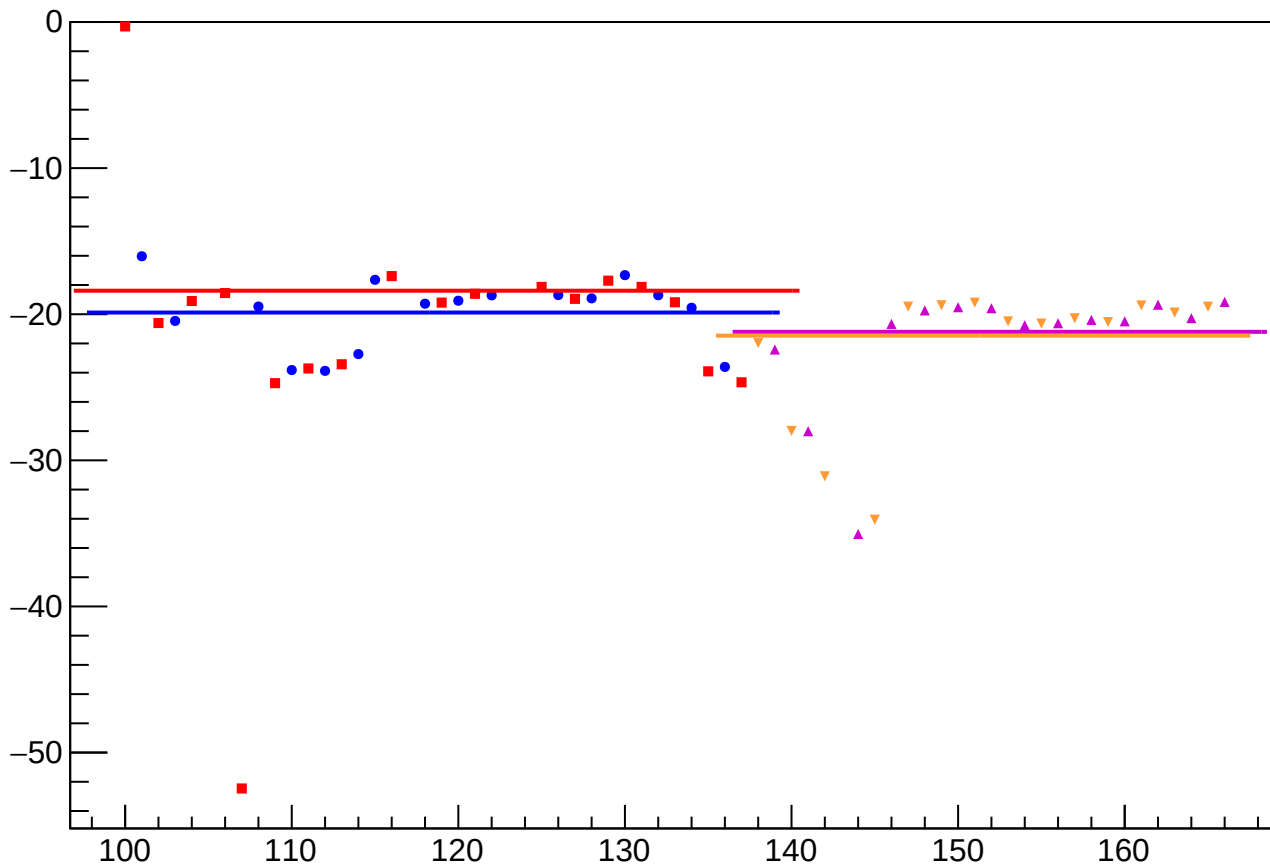
Left In: 9.699 ± 0.221 $\chi^2/\text{NDF}: 319.2/13$

+ sign 7.475 ± 0.167 $\chi^2/\text{NDF}: 882.2/29$

All: 7.275 ± 0.118 $\chi^2/\text{NDF}: 2106.3/61$

- sign 7.076 ± 0.167 $\chi^2/\text{NDF}: 1221.3/31$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 χ^2/NDF : 26063.5/15

Left Out: -21.465 ± 0.011 χ^2/NDF : 124169.2/13

Right Out: -18.390 ± 0.015 χ^2/NDF : 301247.7/17

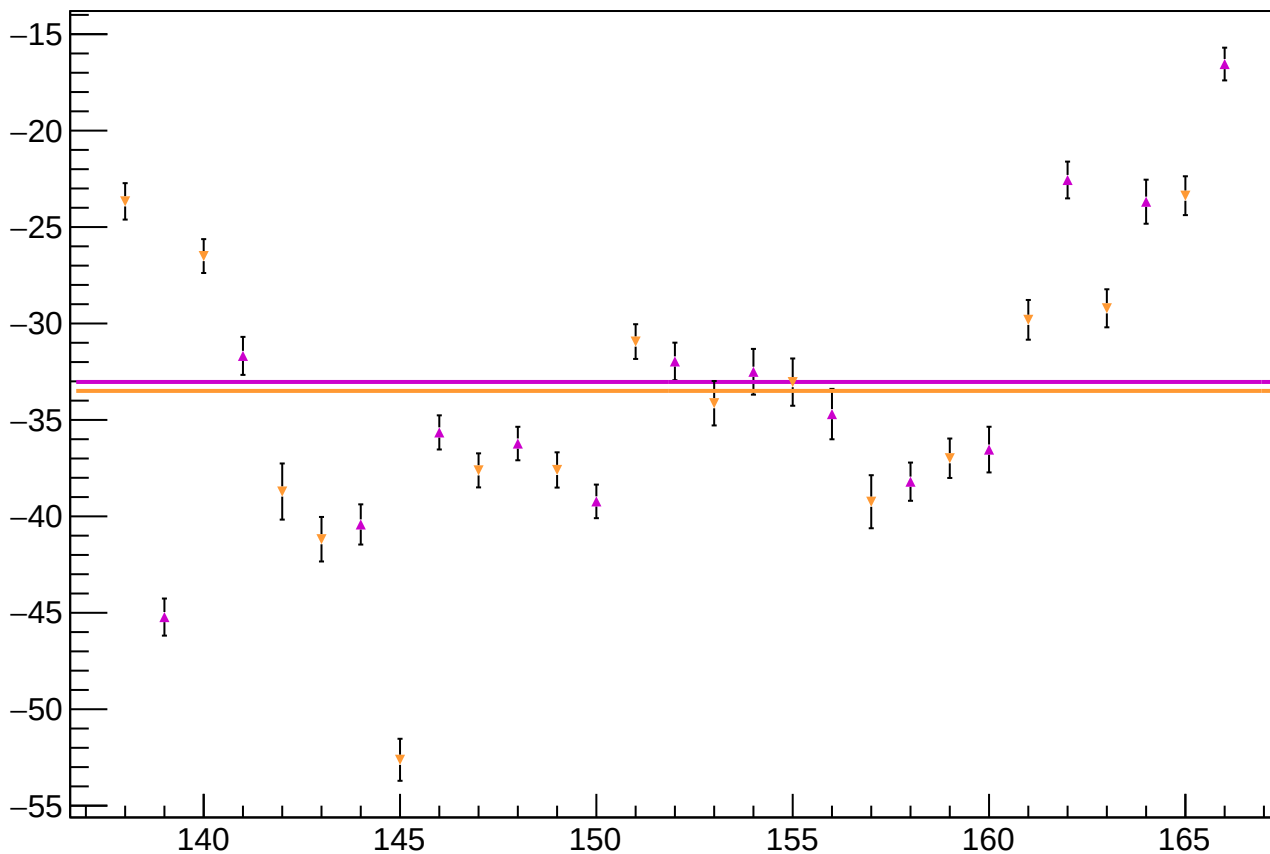
Left In: -21.204 ± 0.010 χ^2/NDF : 102638.8/13

+ sign -20.949 ± 0.009 χ^2/NDF : 157201.2/29

All: -20.594 ± 0.006 χ^2/NDF : 588499.9/61

- sign -20.269 ± 0.008 χ^2/NDF : 428233.9/31

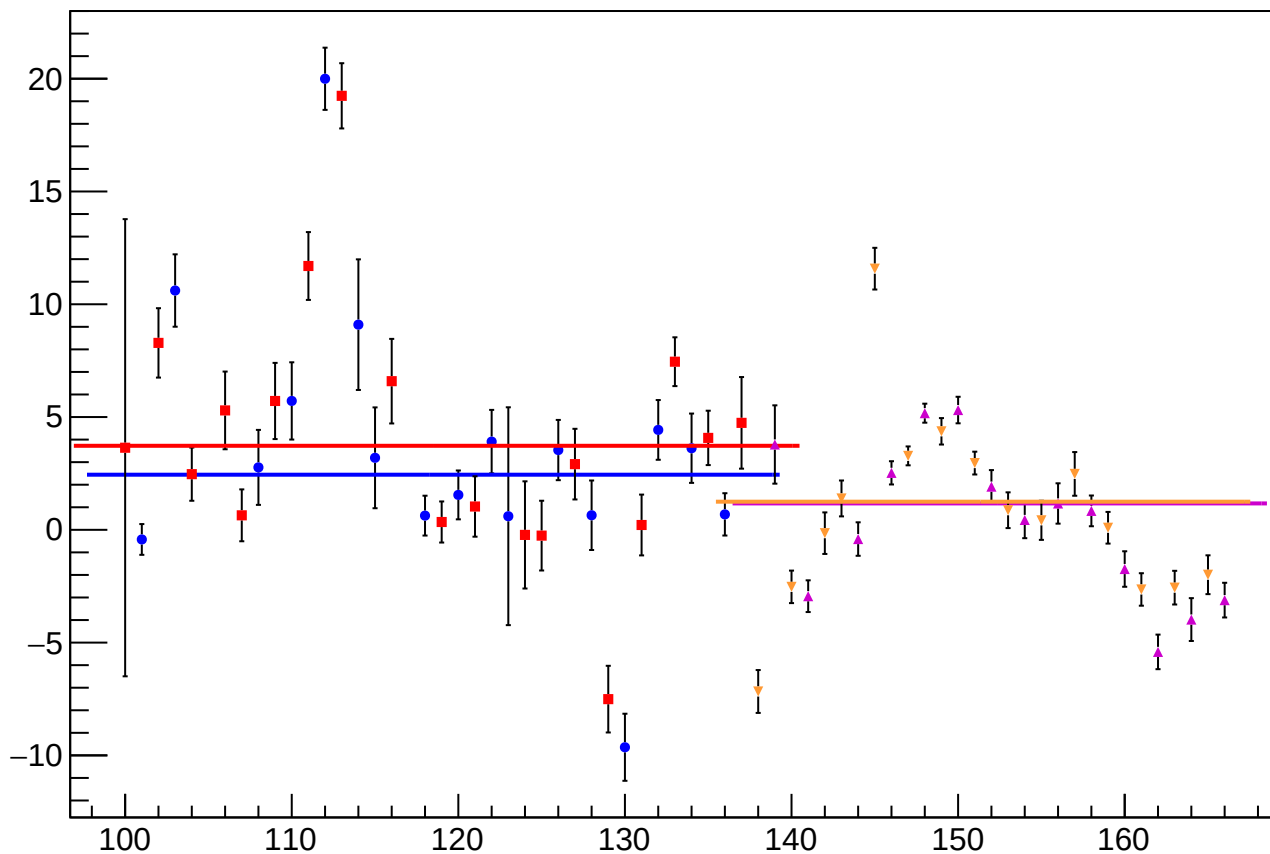
reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -33.496 +/- 0.267 χ^2/NDF : 749.4/14
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -33.031 +/- 0.265 χ^2/NDF : 889.3/13

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 All: -33.262 +/- 0.188 χ^2/NDF : 1640.3/28
 - 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 $\chi^2/\text{NDF}: 295.3/16$

Left Out: 1.247 ± 0.181 $\chi^2/\text{NDF}: 371.3/14$

Right Out: 3.726 ± 0.327 $\chi^2/\text{NDF}: 269.1/18$

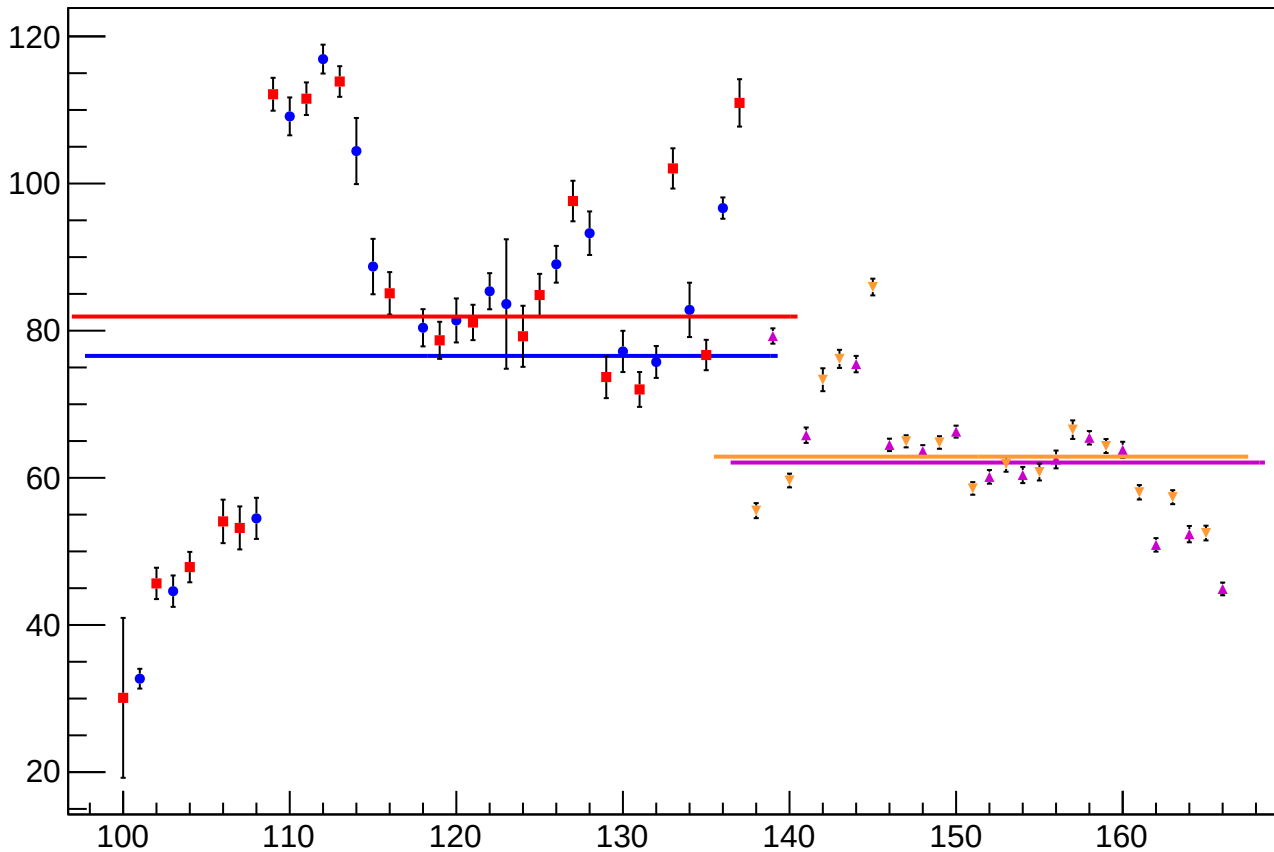
Left In: 1.170 ± 0.185 $\chi^2/\text{NDF}: 337.7/13$

+ sign 1.550 ± 0.156 $\chi^2/\text{NDF}: 677.7/31$

All: 1.666 ± 0.112 $\chi^2/\text{NDF}: 1332.0/64$

- sign 1.788 ± 0.161 $\chi^2/\text{NDF}: 653.2/32$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 62.878 $\pm$ 0.261 χ^2 /NDF:852.7/14

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

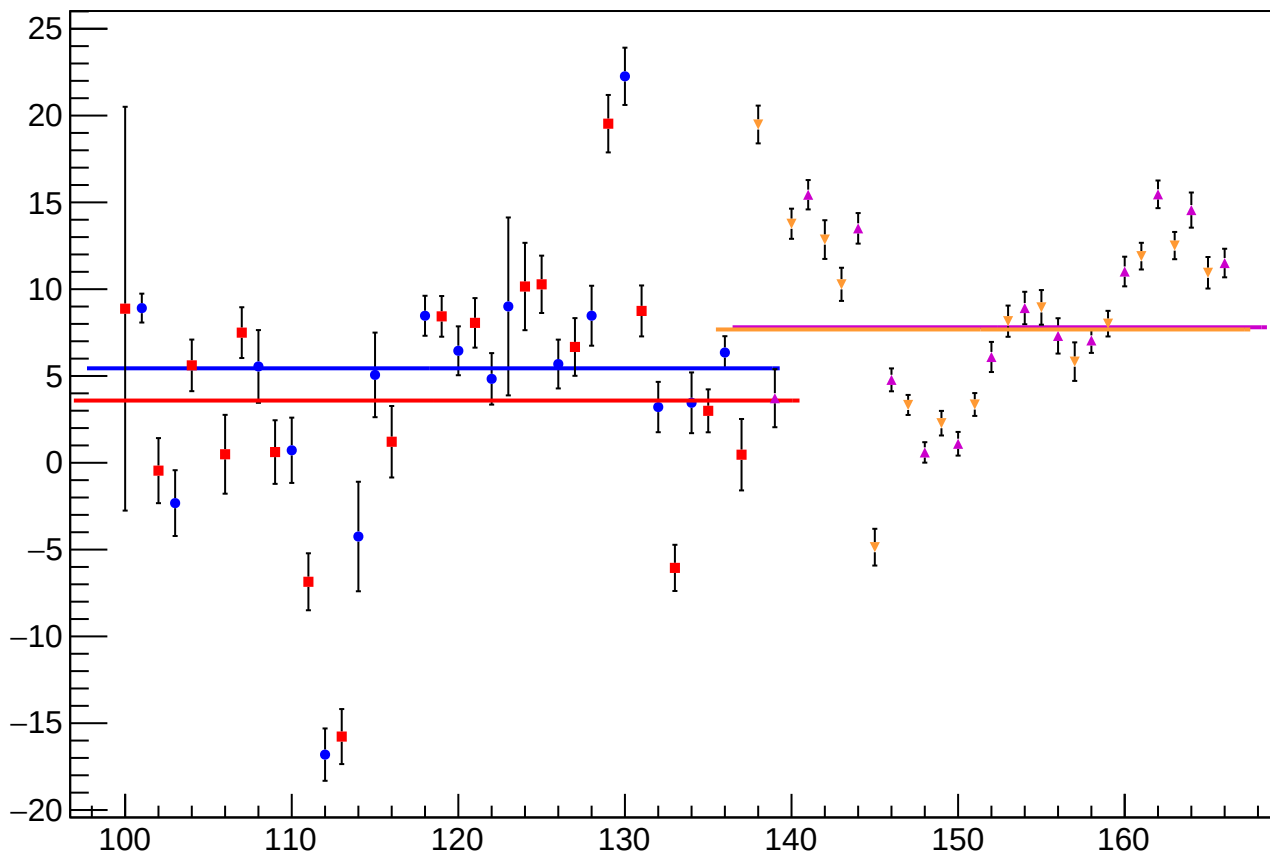
Left In: 62.077 $\pm$ 0.258 χ^2 /NDF:1110.9/13

+ sign 65.233 $\pm$ 0.238 χ^2 /NDF: 3578.8/31

All: 65.236 $\pm$ 0.168 χ^2 /NDF: 7205.4/64

- sign 65.239 $\pm$ 0.236 χ^2 /NDF: 3626.6/32

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 7.679 ± 0.215 $\chi^2/\text{NDF}: 580.2/14$

Right Out: 3.585 ± 0.375 $\chi^2/\text{NDF}: 423.2/18$

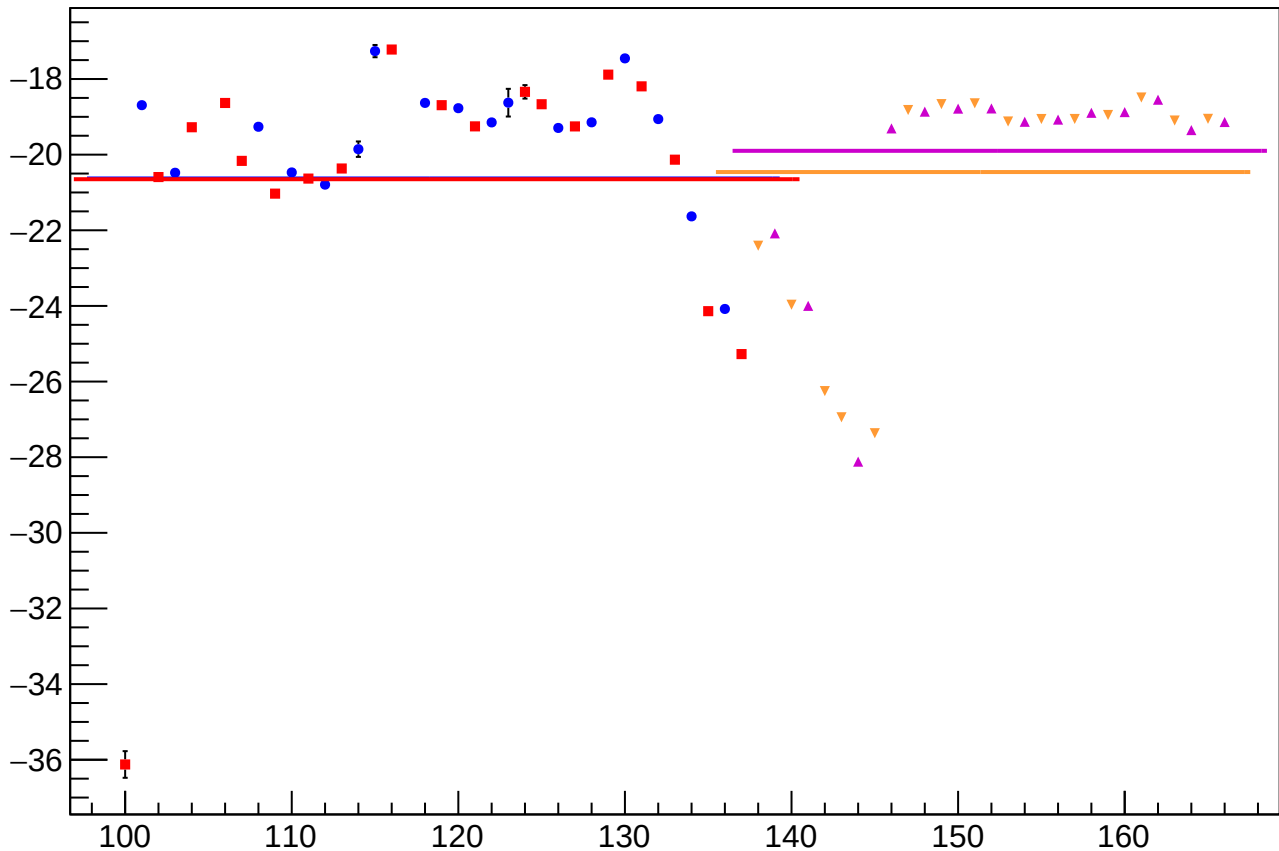
Left In: 7.806 ± 0.217 $\chi^2/\text{NDF}: 574.8/13$

+ sign 7.086 ± 0.184 $\chi^2/\text{NDF}: 996.4/31$

All: 6.919 ± 0.132 $\chi^2/\text{NDF}: 2090.9/64$

- sign 6.745 ± 0.188 $\chi^2/\text{NDF}: 1092.8/32$

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -20.460 ± 0.010 $\chi^2/\text{NDF}: 76485.4/14$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

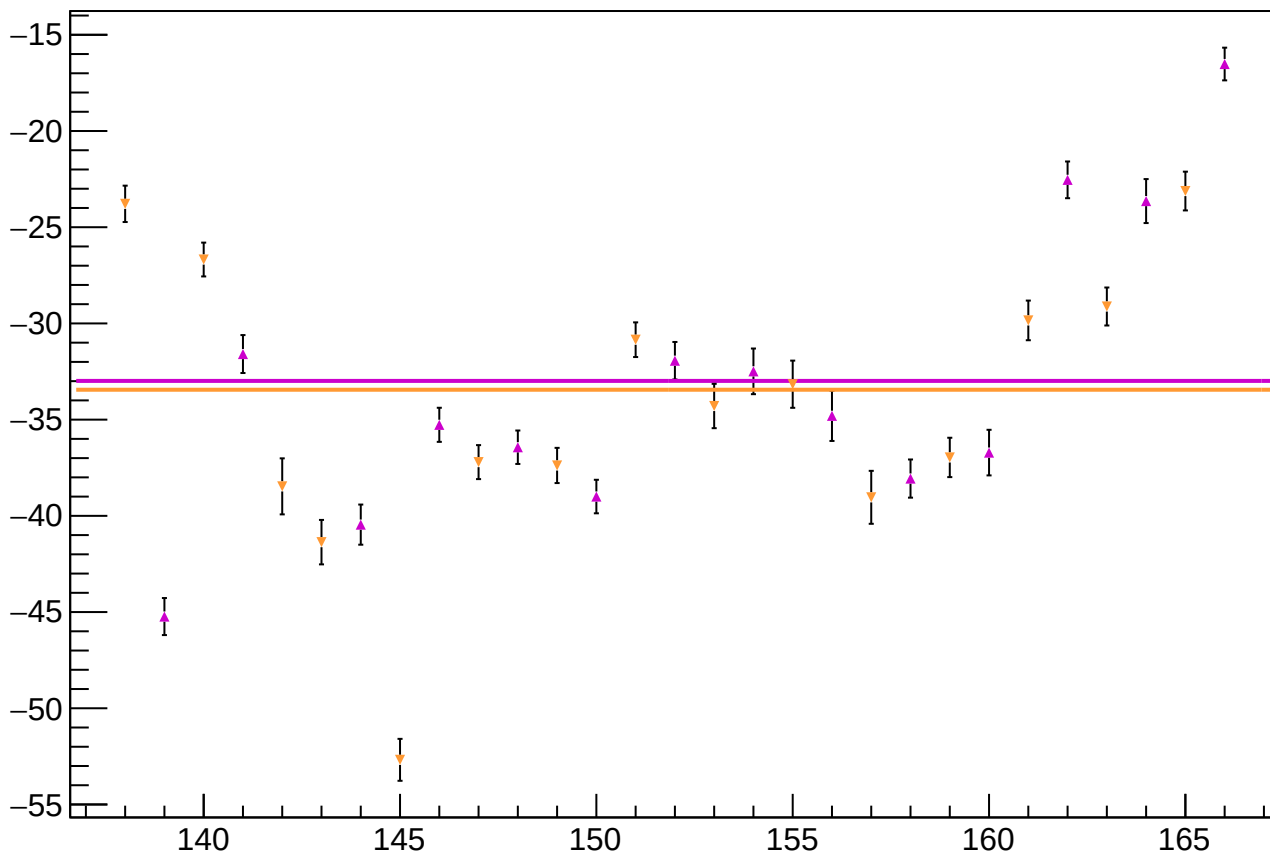
Left In: -19.899 ± 0.010 $\chi^2/\text{NDF}: 48657.8/13$

+ sign -20.498 ± 0.009 $\chi^2/\text{NDF}: 89036.5/31$

All: -20.279 ± 0.006 $\chi^2/\text{NDF}: 153887.3/64$

- sign -20.063 ± 0.009 $\chi^2/\text{NDF}: 63710.3/32$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -33.446+/-0.267 χ^2/NDF : 744.6/14

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

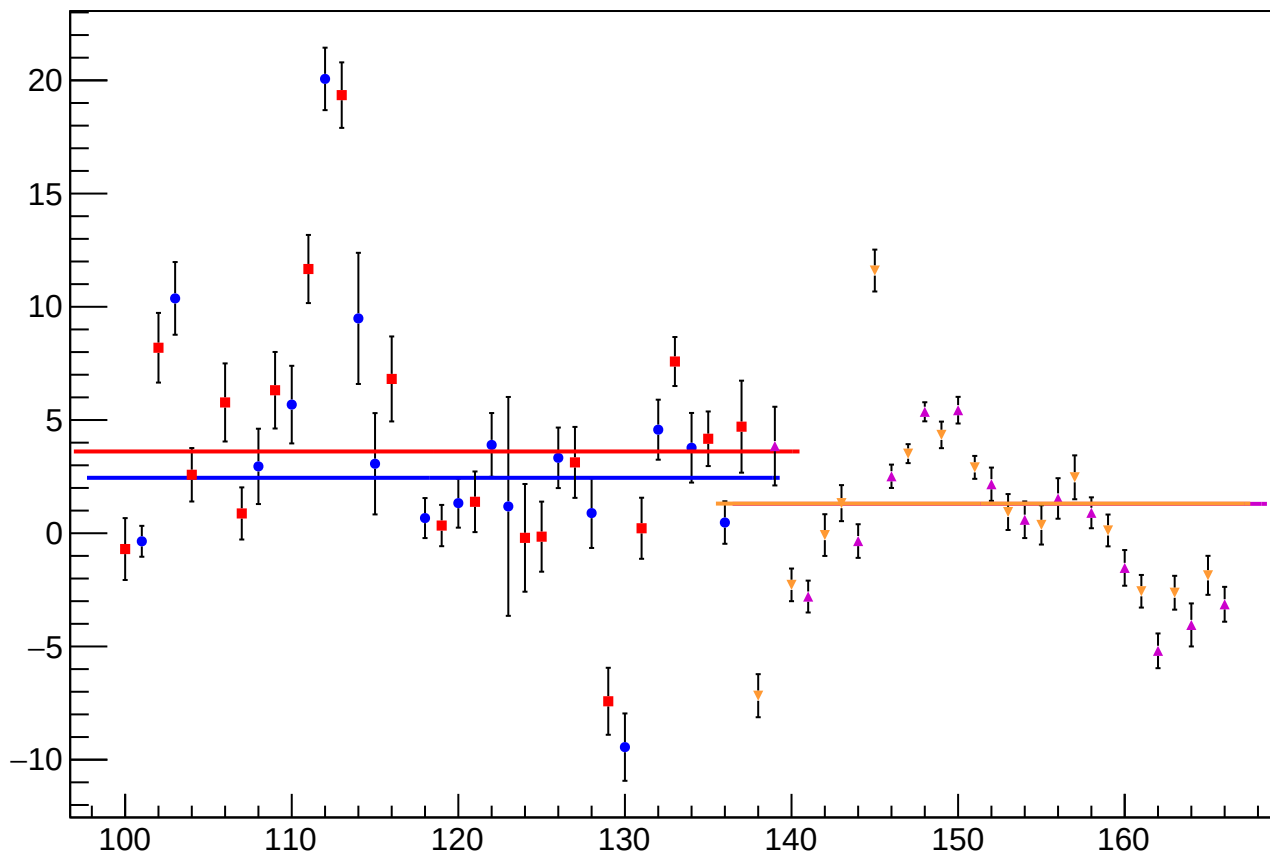
Left In: -32.987+/-0.265 χ^2/NDF : 887.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.215+/-0.188 χ^2/NDF : 1633.2/28

- 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: 1.309 ± 0.181 χ^2/NDF : 370.8/14

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

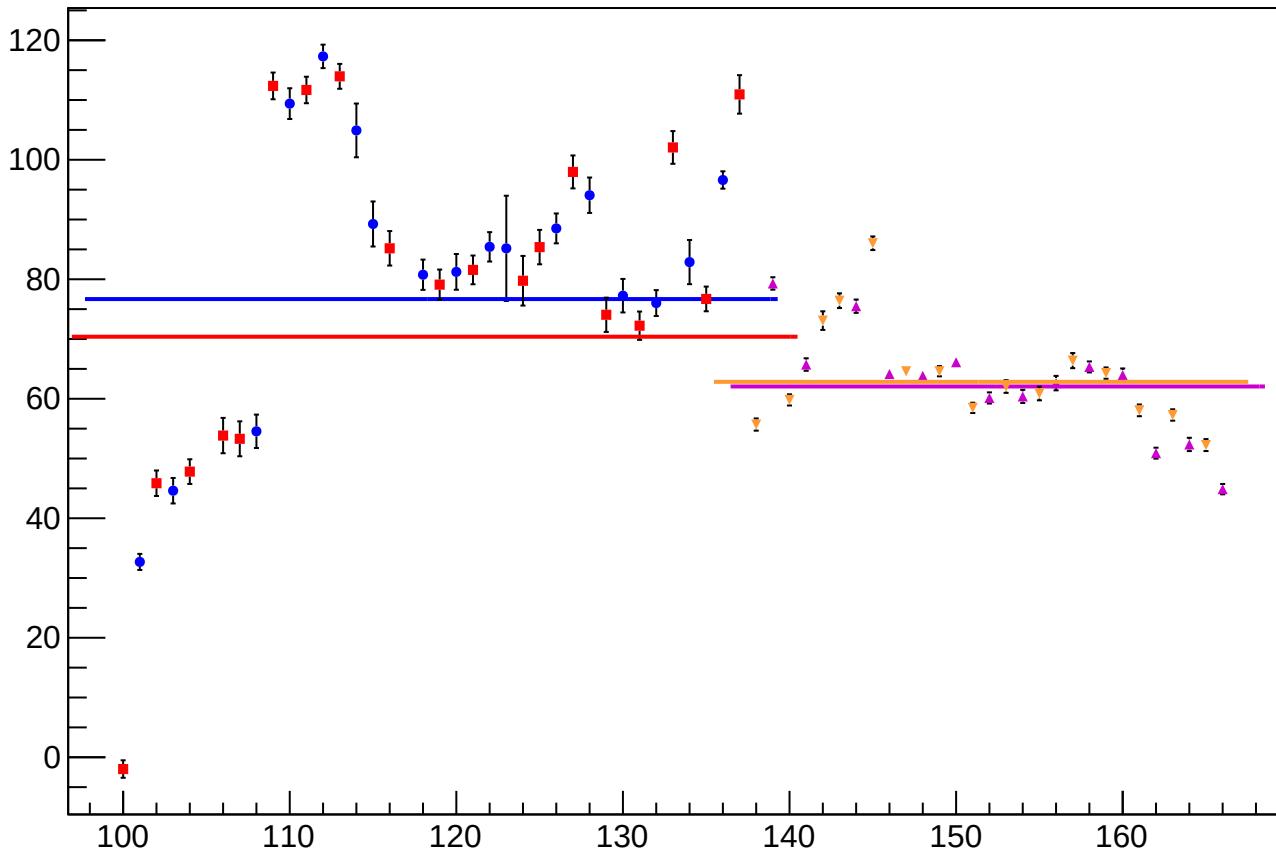
Left In: 1.298 ± 0.185 χ^2/NDF : 340.9/13

+ sign 1.597 ± 0.156 χ^2/NDF : 674.2/31

All: 1.736 ± 0.112 χ^2/NDF : 1335.7/64

- sign 1.880 ± 0.160 χ^2/NDF : 659.8/32

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 62.834 $\pm$ 0.261 χ^2 /NDF: 856.6/14

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

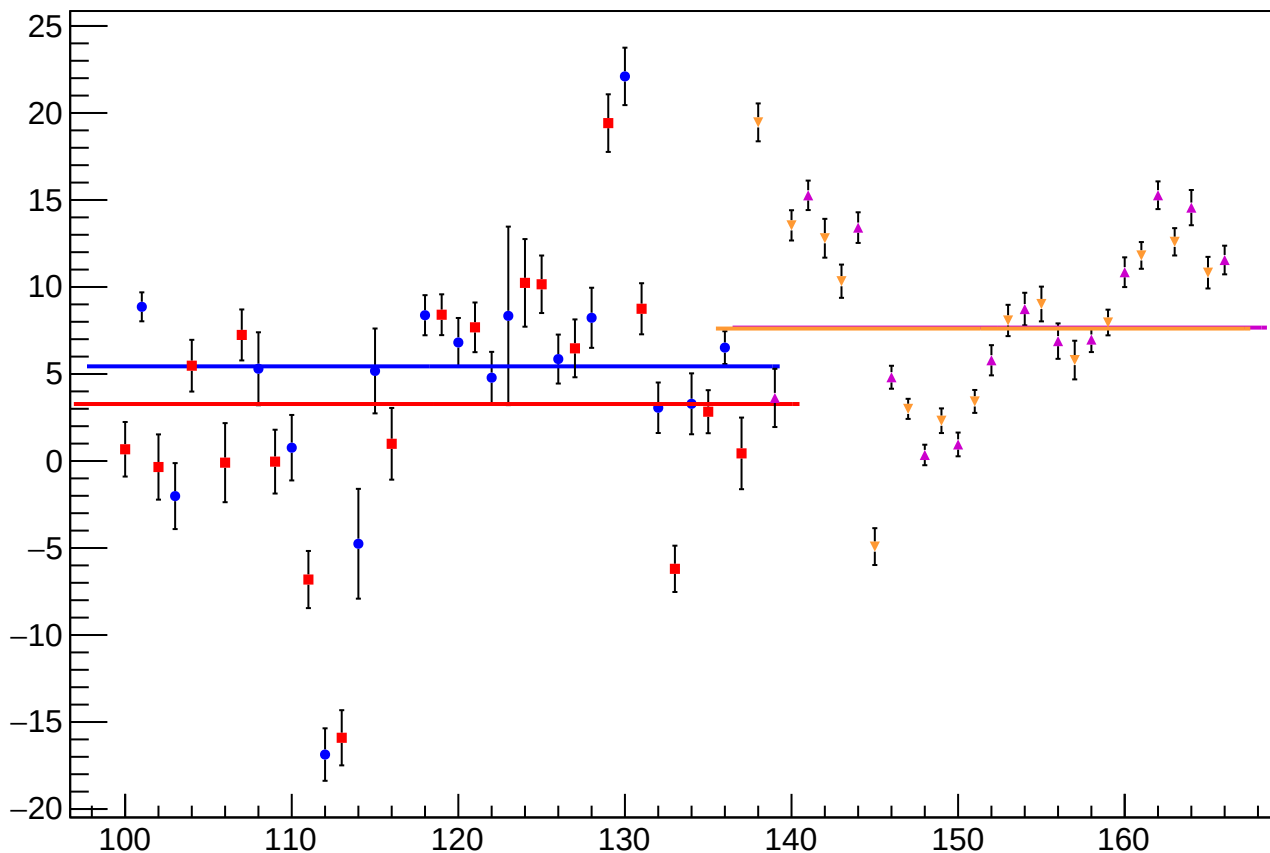
Left In: 62.056 $\pm$ 0.258 χ^2 /NDF: 1107.9/13

+ sign 65.216 $\pm$ 0.238 χ^2 /NDF: 3604.6/31

All: 64.372 $\pm$ 0.167 χ^2 /NDF: 9316.6/64

- sign 63.558 $\pm$ 0.233 χ^2 /NDF: 5687.2/32

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 7.611 ± 0.215 $\chi^2/\text{NDF}: 582.7/14$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

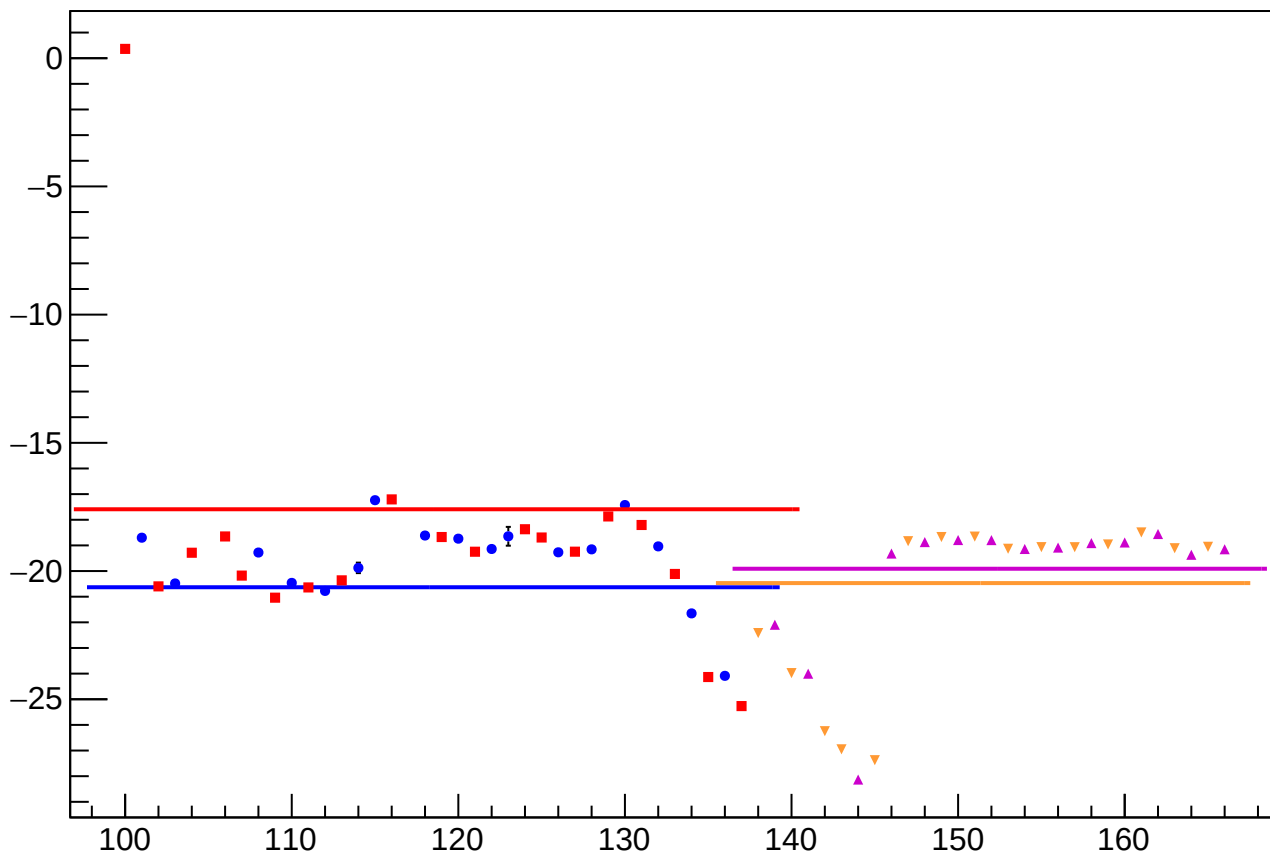
Left In: 7.666 ± 0.218 $\chi^2/\text{NDF}: 579.7/13$

+ sign 7.035 ± 0.184 $\chi^2/\text{NDF}: 995.8/31$

All: 6.779 ± 0.131 $\chi^2/\text{NDF}: 2111.8/64$

- sign 6.516 ± 0.187 $\chi^2/\text{NDF}: 1112.1/32$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -20.469 ± 0.010 $\chi^2/\text{NDF}: 76340.9/14$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

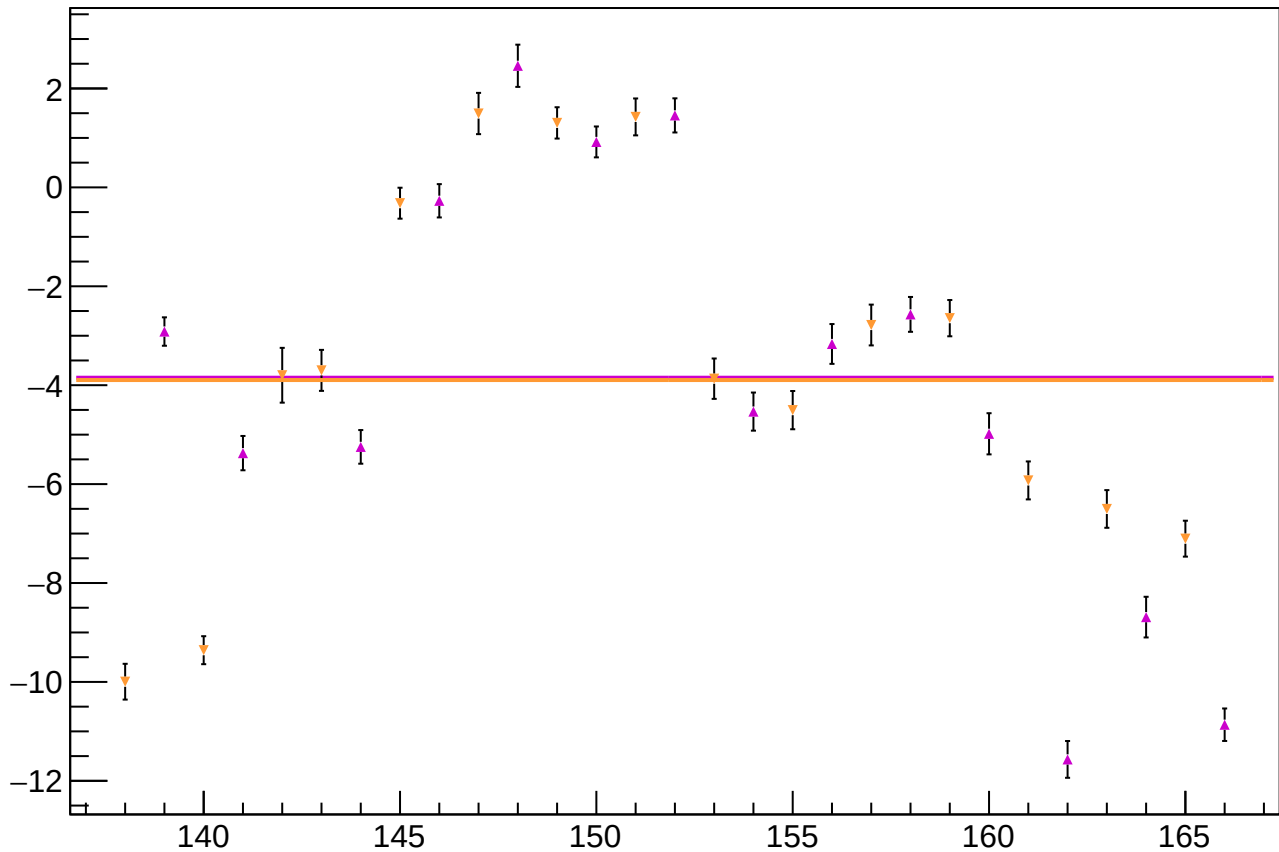
Left In: -19.910 ± 0.010 $\chi^2/\text{NDF}: 48585.4/13$

+ sign -20.506 ± 0.009 $\chi^2/\text{NDF}: 88926.3/31$

All: -19.909 ± 0.006 $\chi^2/\text{NDF}: 337006.1/64$

- sign -19.340 ± 0.009 $\chi^2/\text{NDF}: 239770.2/32$

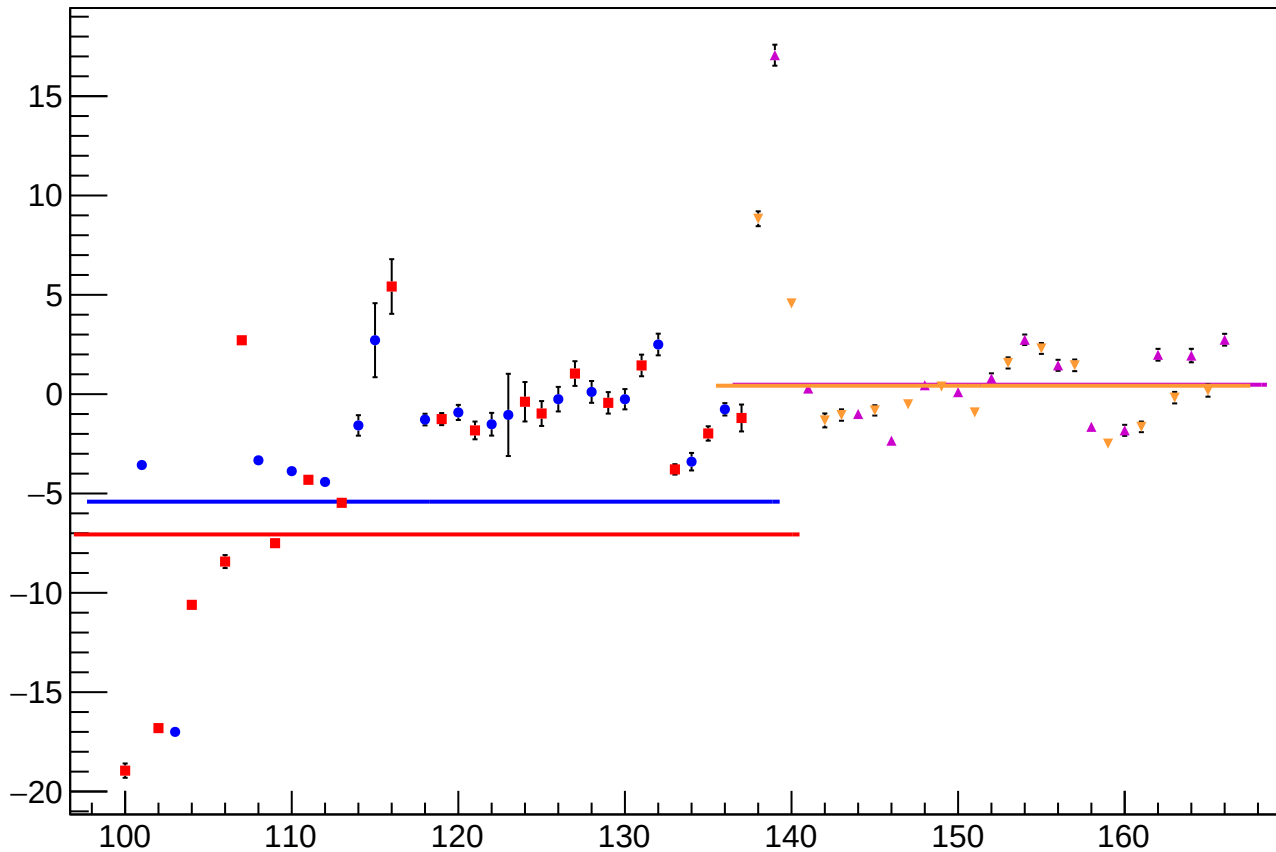
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.896+/-0.096 χ^2/NDF : 1601.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.849+/-0.095 χ^2/NDF : 1899.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.872+/-0.067 χ^2/NDF : 3501.0/28
 - 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: 0.426 ± 0.068 χ^2/NDF : 1220.6/14

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

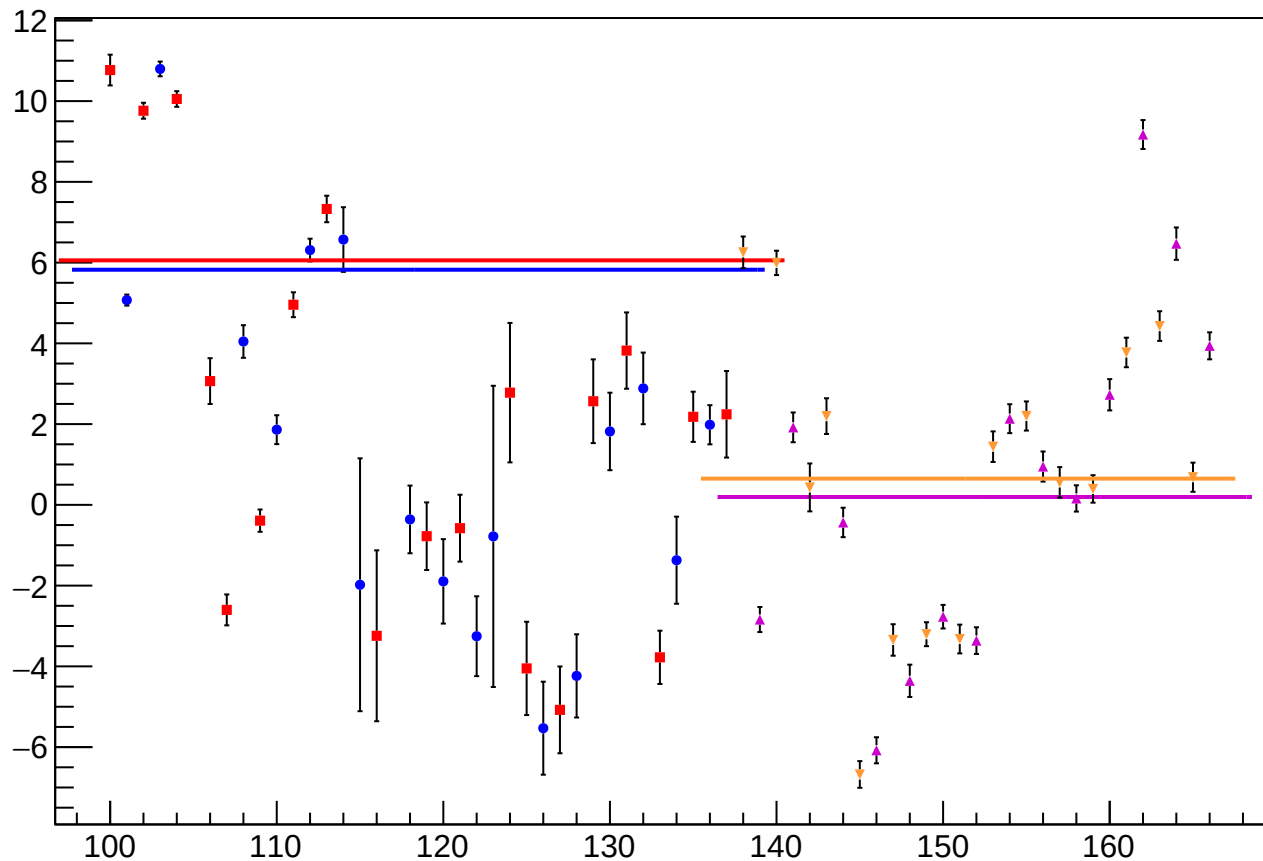
Left In: 0.475 ± 0.070 χ^2/NDF : 1532.0/13

+ sign -3.100 ± 0.043 χ^2/NDF : 14983.7/31

All: -3.481 ± 0.031 χ^2/NDF : 35831.8/64

- sign -3.907 ± 0.045 χ^2/NDF : 20678.6/32

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: 0.650 ± 0.094 $\chi^2/\text{NDF}: 1622.8/14$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

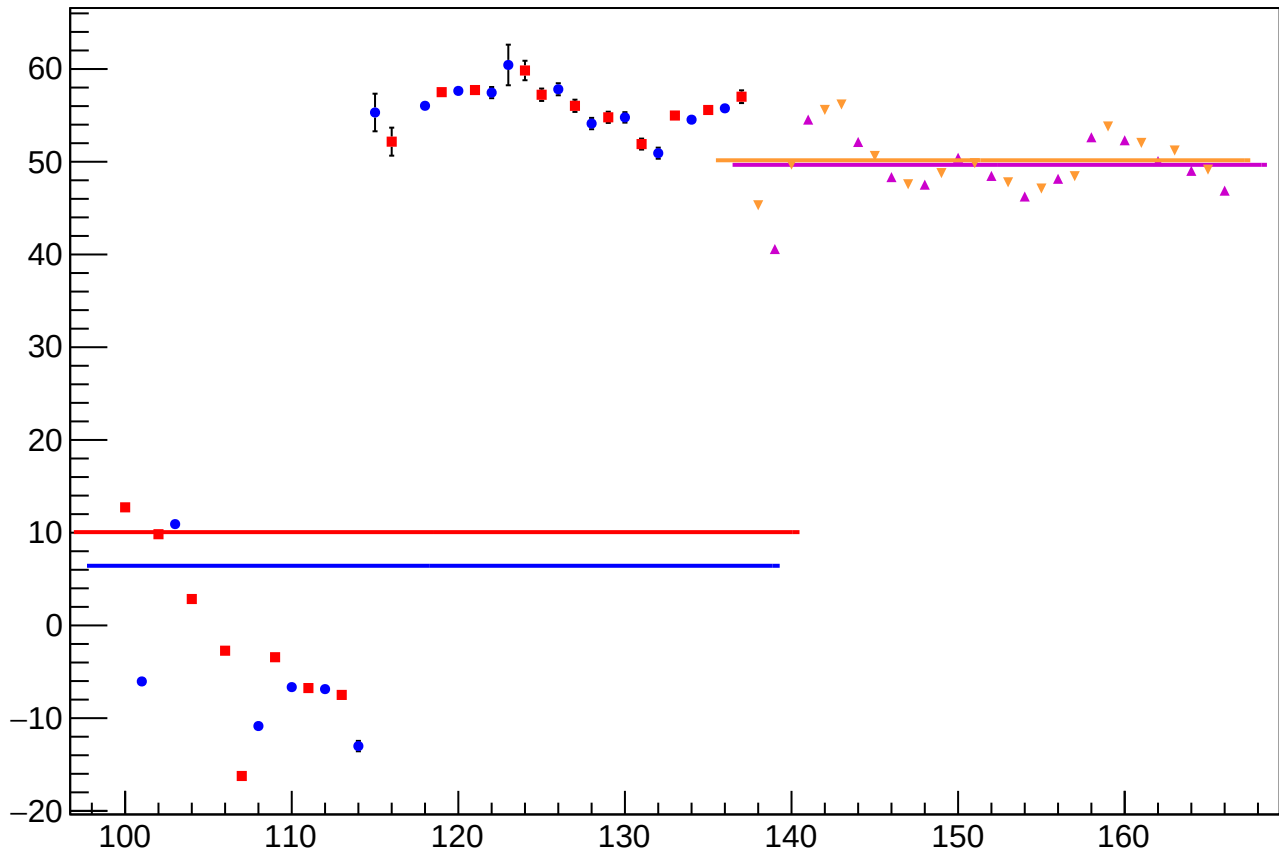
Left In: 0.195 ± 0.093 $\chi^2/\text{NDF}: 1921.5/13$

+ sign 3.360 ± 0.065 $\chi^2/\text{NDF}: 4663.5/31$

All: 3.237 ± 0.046 $\chi^2/\text{NDF}: 11244.2/64$

- sign 3.110 ± 0.066 $\chi^2/\text{NDF}: 6573.3/32$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 50.157 ± 0.079 χ^2/NDF : 1155.3/14

Right Out: 10.060 ± 0.070 χ^2/NDF : 121816.0/18

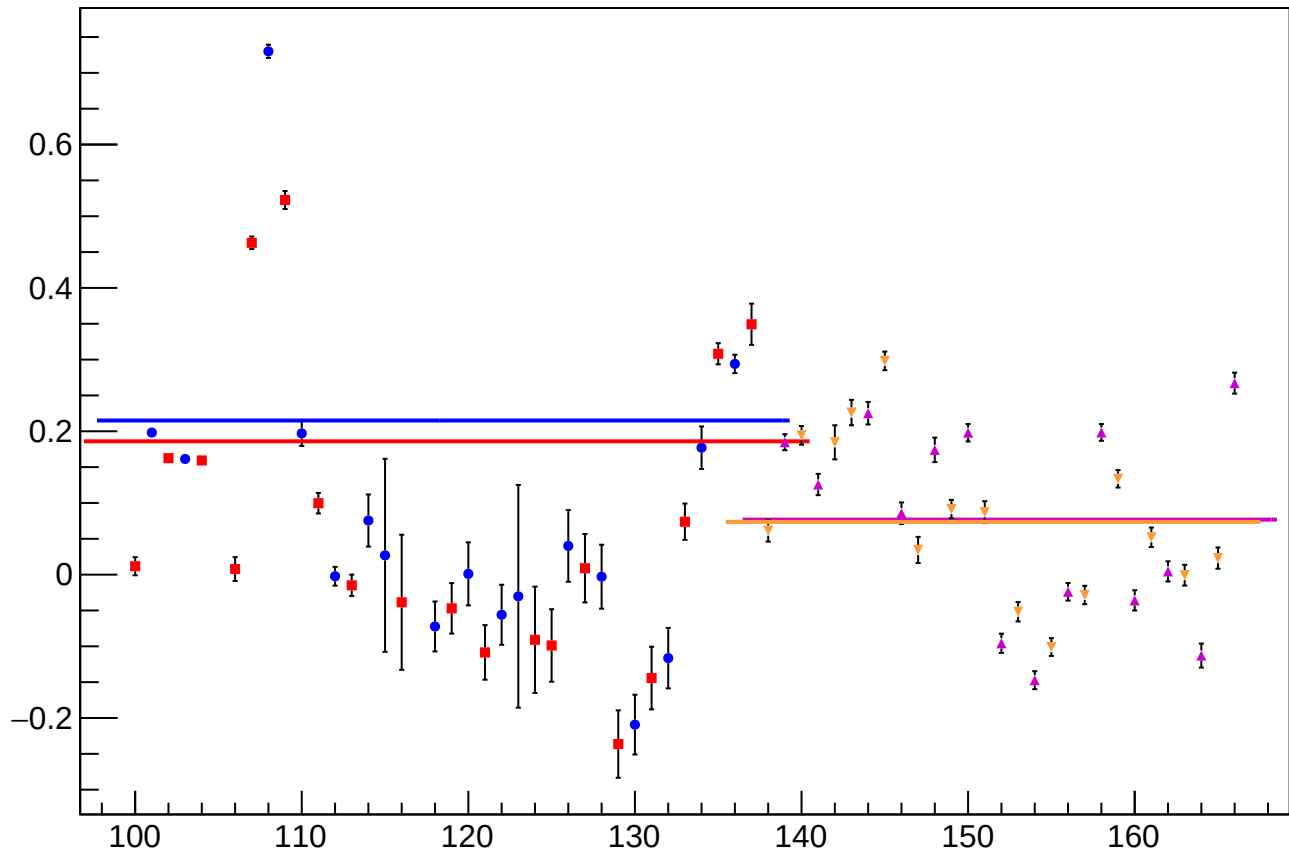
Left In: 49.669 ± 0.080 χ^2/NDF : 1202.5/13

+ sign 24.026 ± 0.050 χ^2/NDF : 308418.5/31

All: 25.487 ± 0.036 χ^2/NDF : 572042.9/64

- sign 27.105 ± 0.053 χ^2/NDF : 261825.7/32

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: 0.074 $\pm$ 0.004 χ^2 /NDF: 901.3/14

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

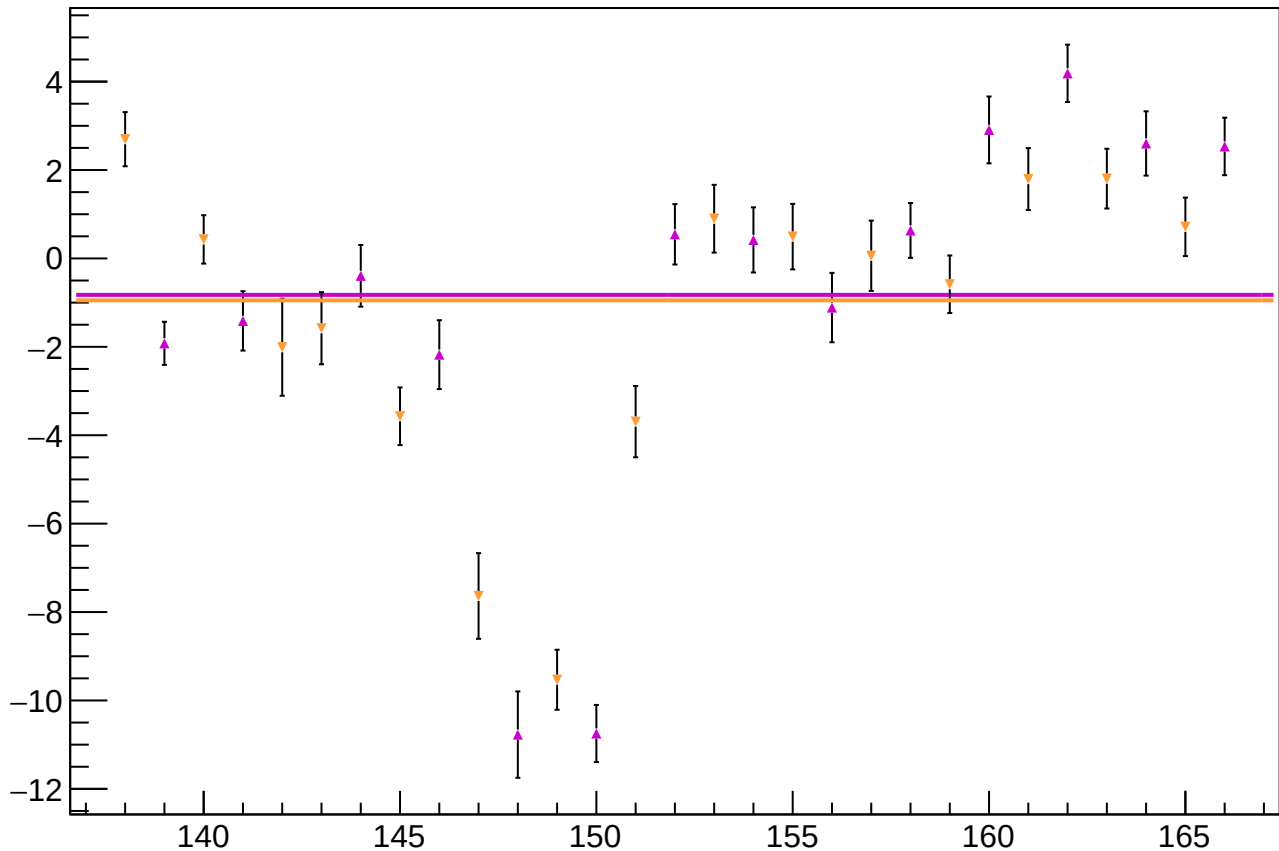
Left In: 0.077 $\pm$ 0.004 χ^2 /NDF: 1372.4/13

+ sign 0.164 $\pm$ 0.002 χ^2 /NDF: 5775.6/31

All: 0.156 $\pm$ 0.002 χ^2 /NDF: 10478.3/64

- sign 0.148 $\pm$ 0.002 χ^2 /NDF: 4674.7/32

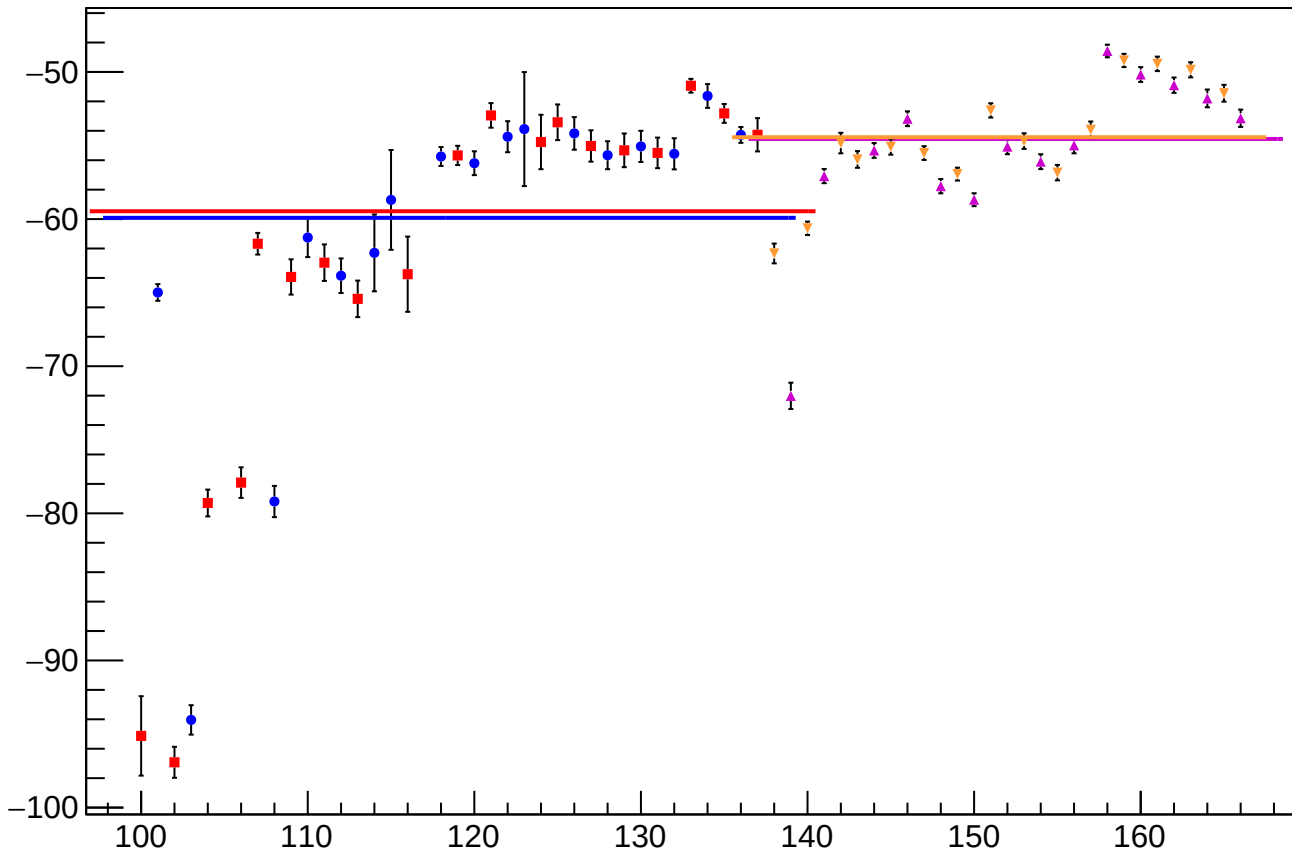
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: -0.948 $\pm$ 0.184 χ^2 /NDF: 328.2/14
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: -0.825 $\pm$ 0.182 χ^2 /NDF: 494.0/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: -0.886 $\pm$ 0.130 χ^2 /NDF: 822.4/28
- 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: -54.438 ± 0.134 χ^2/NDF : 747.4/14

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

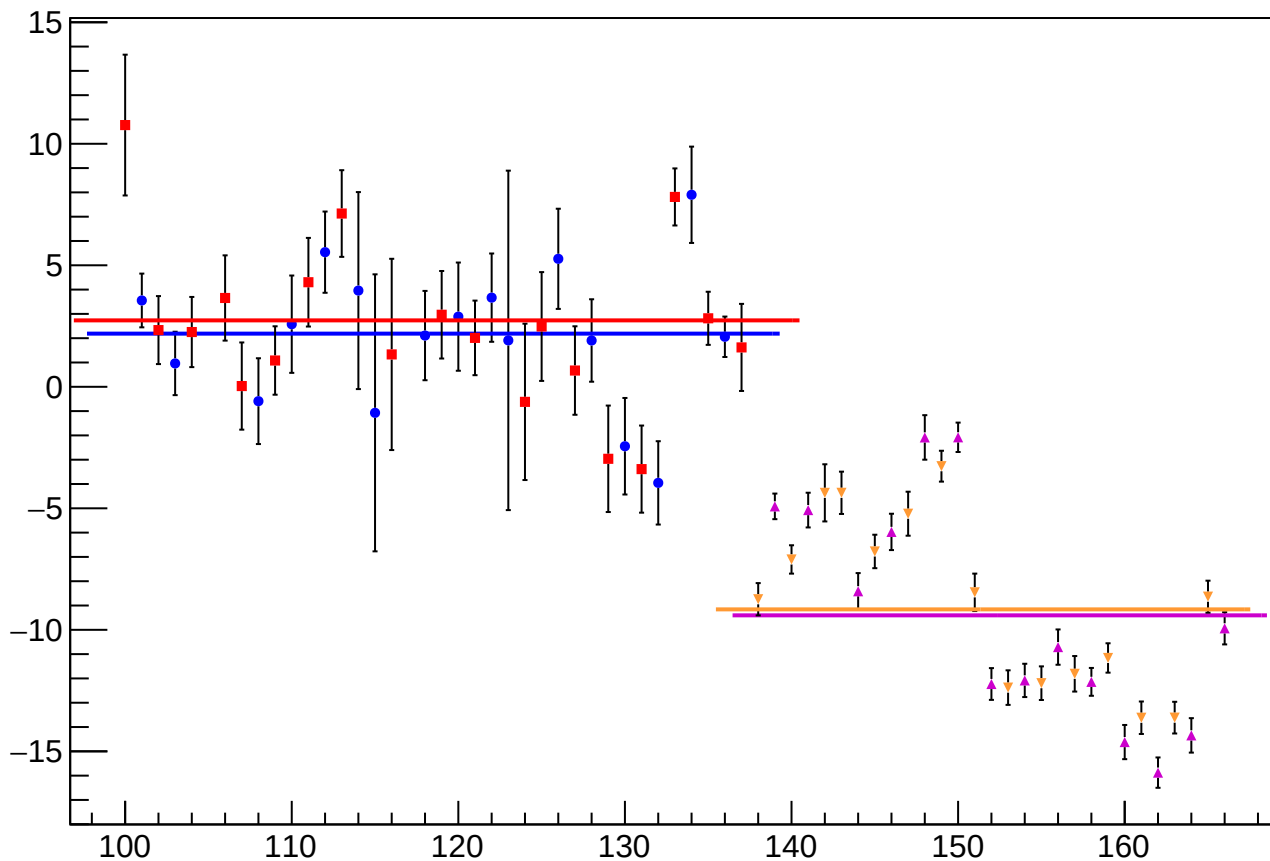
Left In: -54.553 ± 0.138 χ^2/NDF : 905.7/13

+ sign -55.890 ± 0.115 χ^2/NDF : 3170.1/31

All: -55.951 ± 0.081 χ^2/NDF : 7366.5/64

- sign -56.014 ± 0.116 χ^2/NDF : 4195.8/32

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 χ^2/NDF : 39.1/16

Left Out: -9.159 ± 0.182 χ^2/NDF : 333.3/14

Right Out: 2.733 ± 0.388 χ^2/NDF : 58.9/18

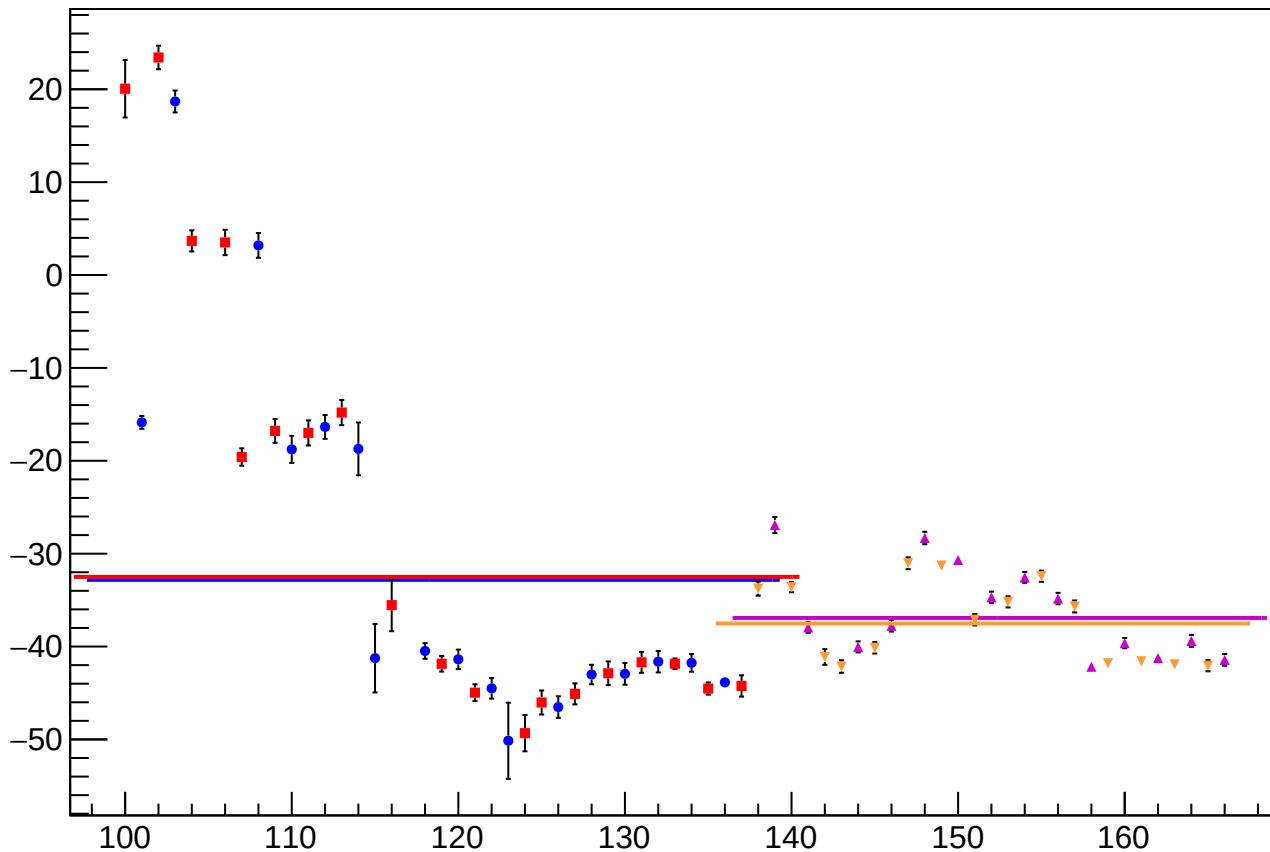
Left In: -9.404 ± 0.179 χ^2/NDF : 614.4/13

+ sign -7.252 ± 0.166 χ^2/NDF : 1028.3/31

All: -7.266 ± 0.116 χ^2/NDF : 2510.3/64

- sign -7.279 ± 0.162 χ^2/NDF : 1482.0/32

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: -37.514 ± 0.154 $\chi^2/\text{NDF}: 759.9/14$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

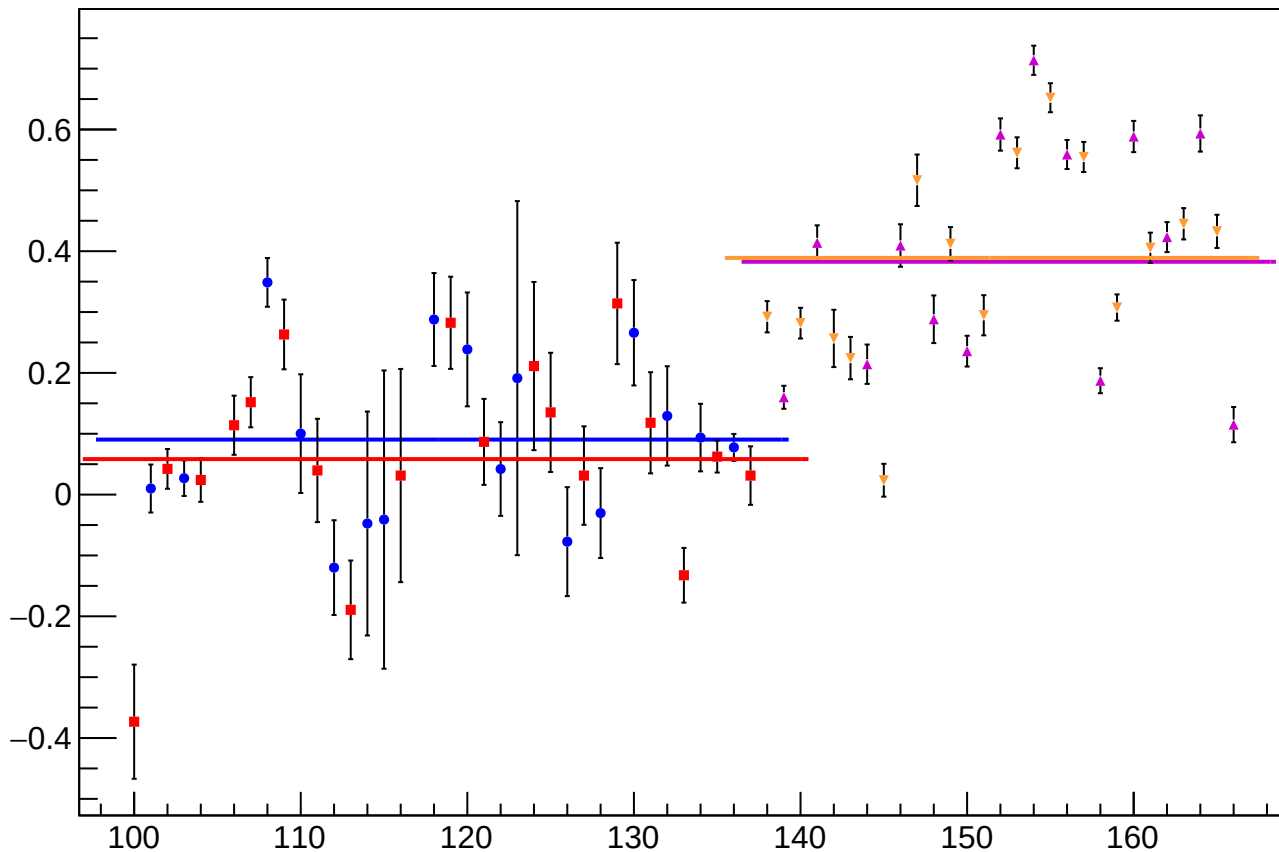
Left In: -36.920 ± 0.157 $\chi^2/\text{NDF}: 853.1/13$

+ sign -36.250 ± 0.132 $\chi^2/\text{NDF}: 5676.6/31$

All: -35.940 ± 0.093 $\chi^2/\text{NDF}: 12810.9/64$

- sign -35.630 ± 0.132 $\chi^2/\text{NDF}: 7123.2/32$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.2/16$

Left Out: 0.389 ± 0.007 $\chi^2/\text{NDF}: 499.0/14$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.3/18$

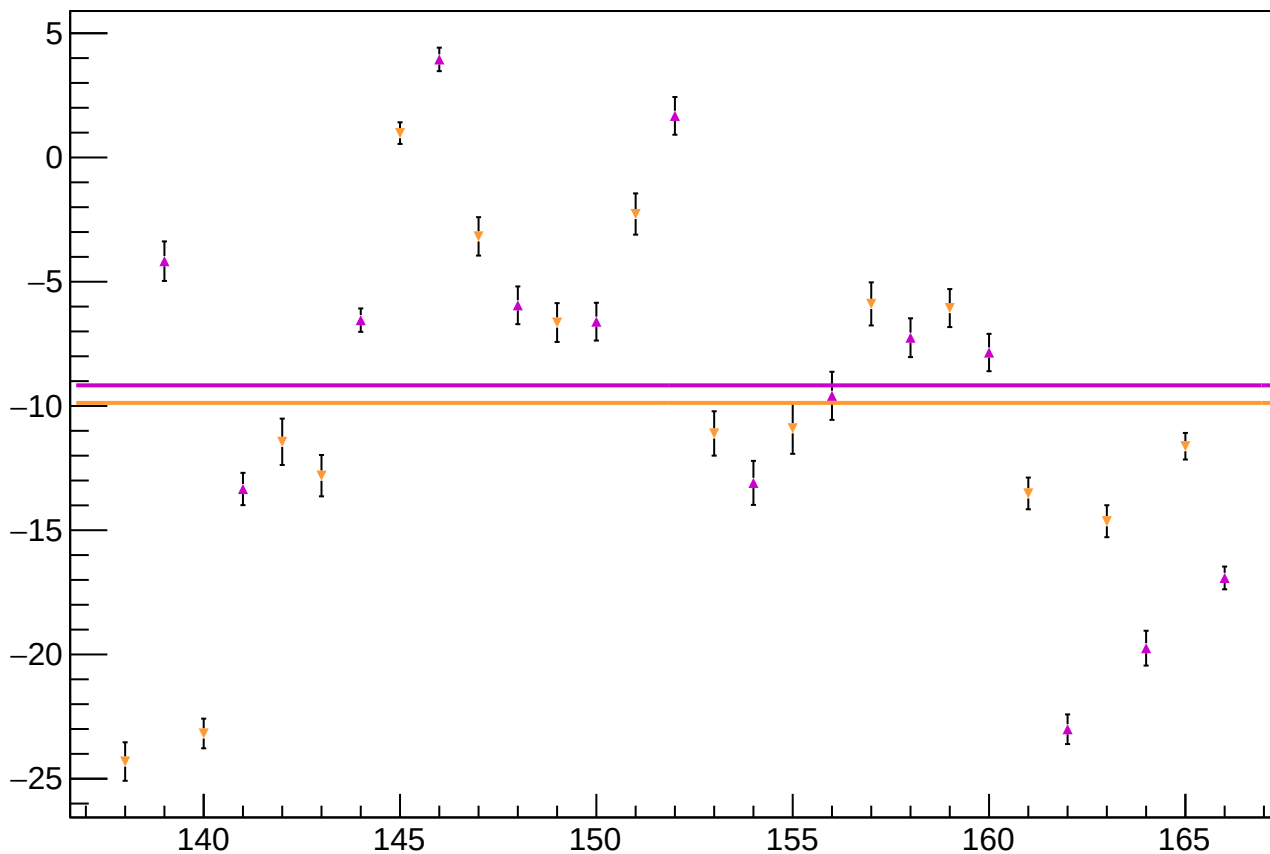
Left In: 0.383 ± 0.007 $\chi^2/\text{NDF}: 807.6/13$

+ sign 0.319 ± 0.006 $\chi^2/\text{NDF}: 999.6/31$

All: 0.311 ± 0.004 $\chi^2/\text{NDF}: 2435.5/64$

- sign 0.303 ± 0.006 $\chi^2/\text{NDF}: 1432.5/32$

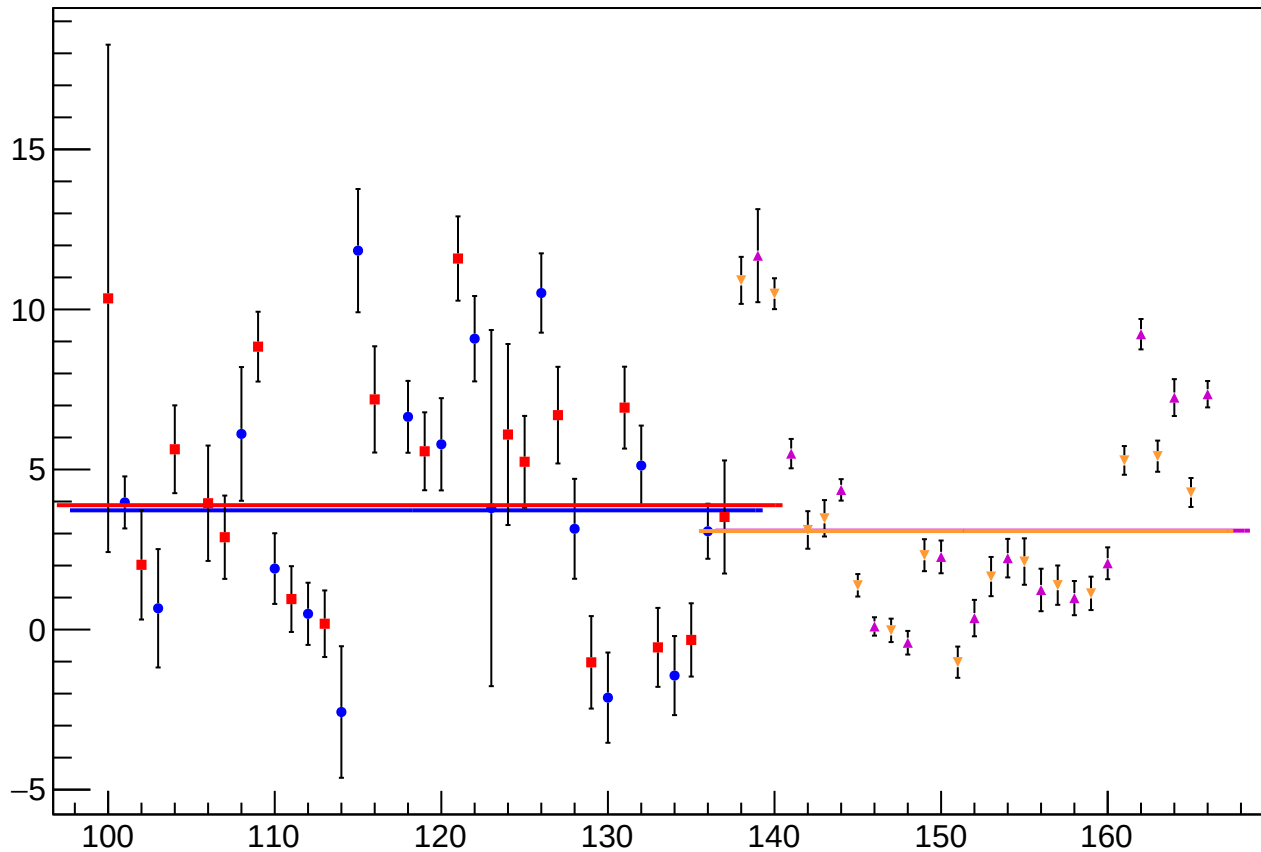
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.876 $\pm$ 0.180 χ^2 /NDF:1802.3/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -9.170 $\pm$ 0.173 χ^2 /NDF:2196.3/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -9.507 $\pm$ 0.125 χ^2 /NDF: 4006.6/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 3.078 ± 0.128 χ^2/NDF : 601.3/14

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

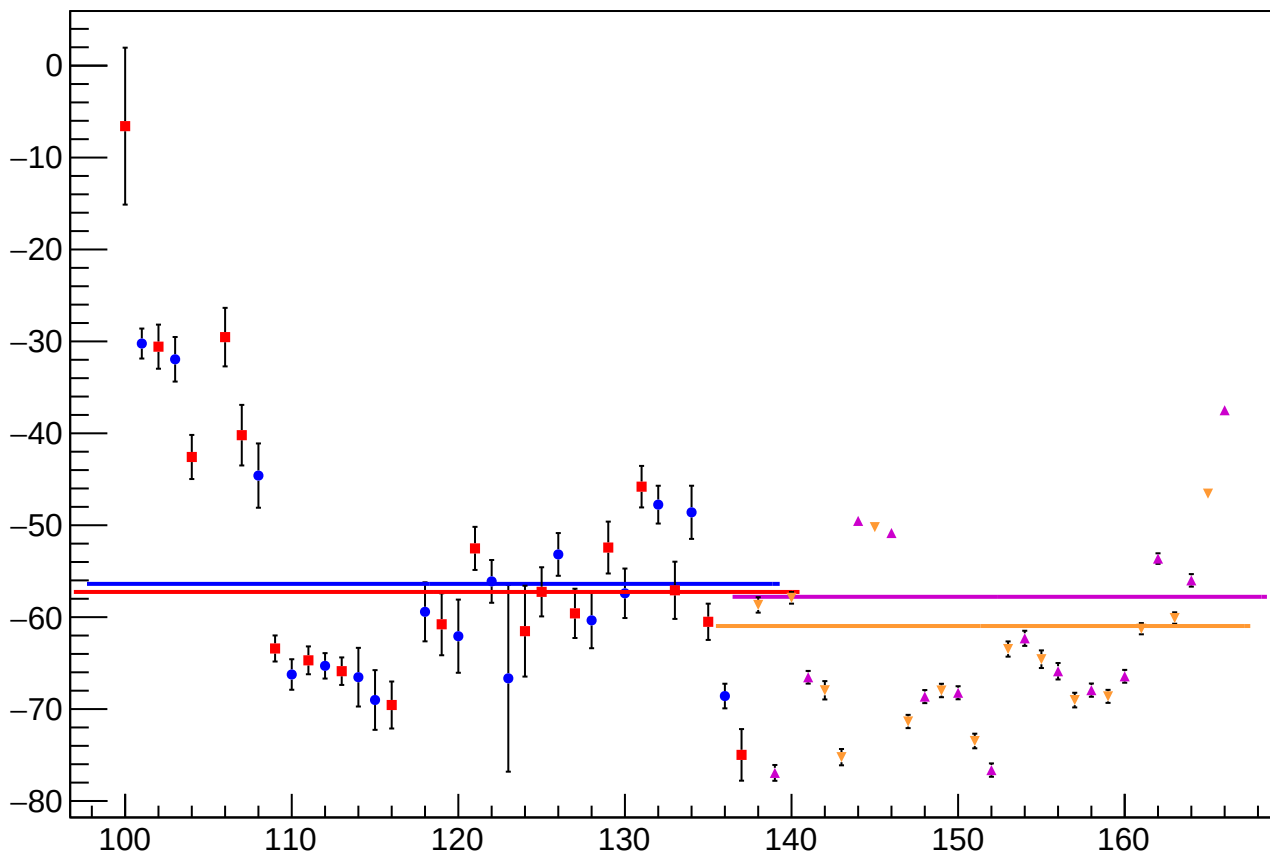
Left In: 3.090 ± 0.123 χ^2/NDF : 656.9/13

+ sign 3.173 ± 0.118 χ^2/NDF : 741.8/31

All: 3.184 ± 0.082 χ^2/NDF : 1538.5/64

- sign 3.194 ± 0.114 χ^2/NDF : 796.7/32

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -60.965 ± 0.179 χ^2/NDF : 2401.3/14

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

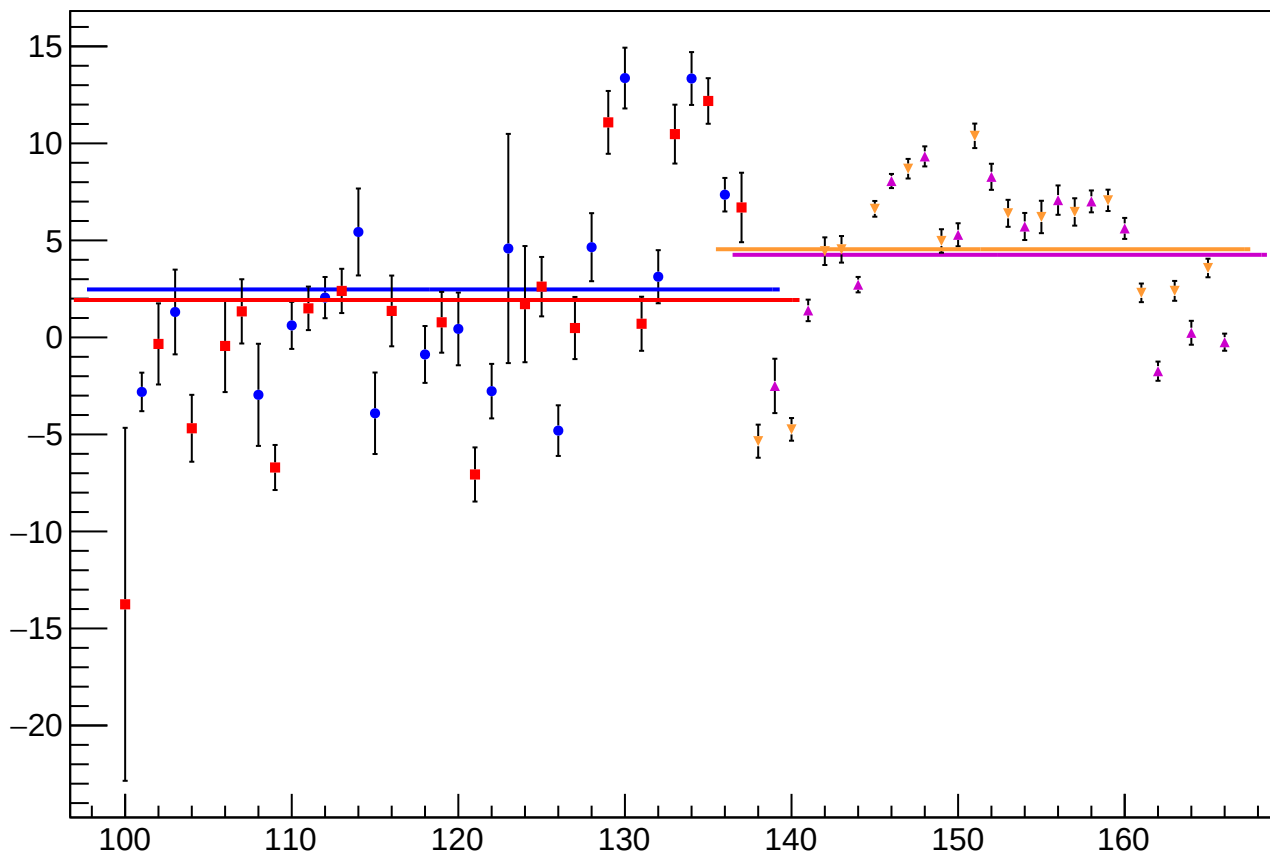
Left In: -57.786 ± 0.170 χ^2/NDF : 4698.3/13

+ sign -60.512 ± 0.170 χ^2/NDF : 3053.2/31

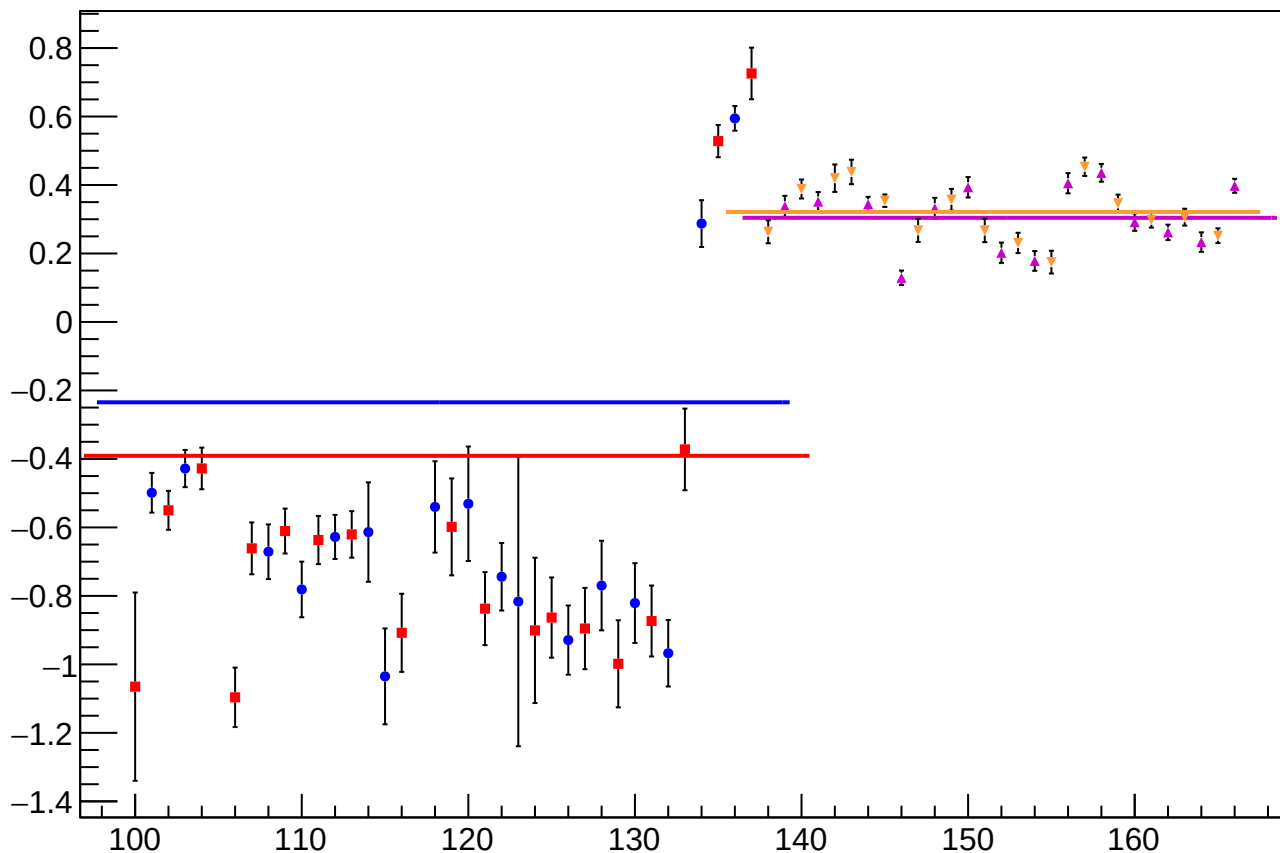
All: -59.058 ± 0.117 χ^2/NDF : 8367.8/64

- sign -57.737 ± 0.162 χ^2/NDF : 5175.3/32

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.321 ± 0.007 χ^2/NDF : 100.6/14

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

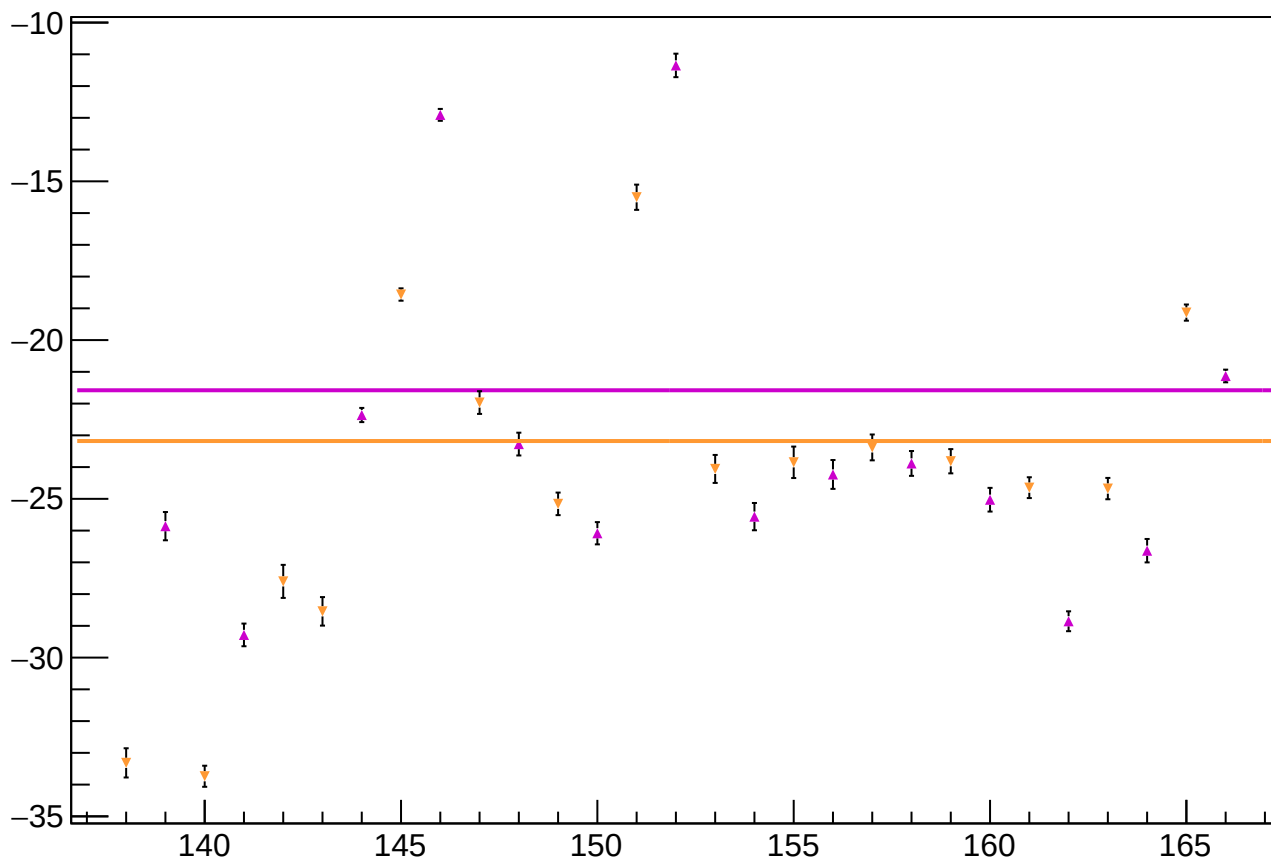
Left In: 0.304 ± 0.007 χ^2/NDF : 184.8/13

+ sign 0.253 ± 0.007 χ^2/NDF : 1819.8/31

All: 0.237 ± 0.005 χ^2/NDF : 4055.1/64

- sign 0.223 ± 0.006 χ^2/NDF : 2224.8/32

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -23.179 ± 0.089 χ^2/NDF : 2989.0/14

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

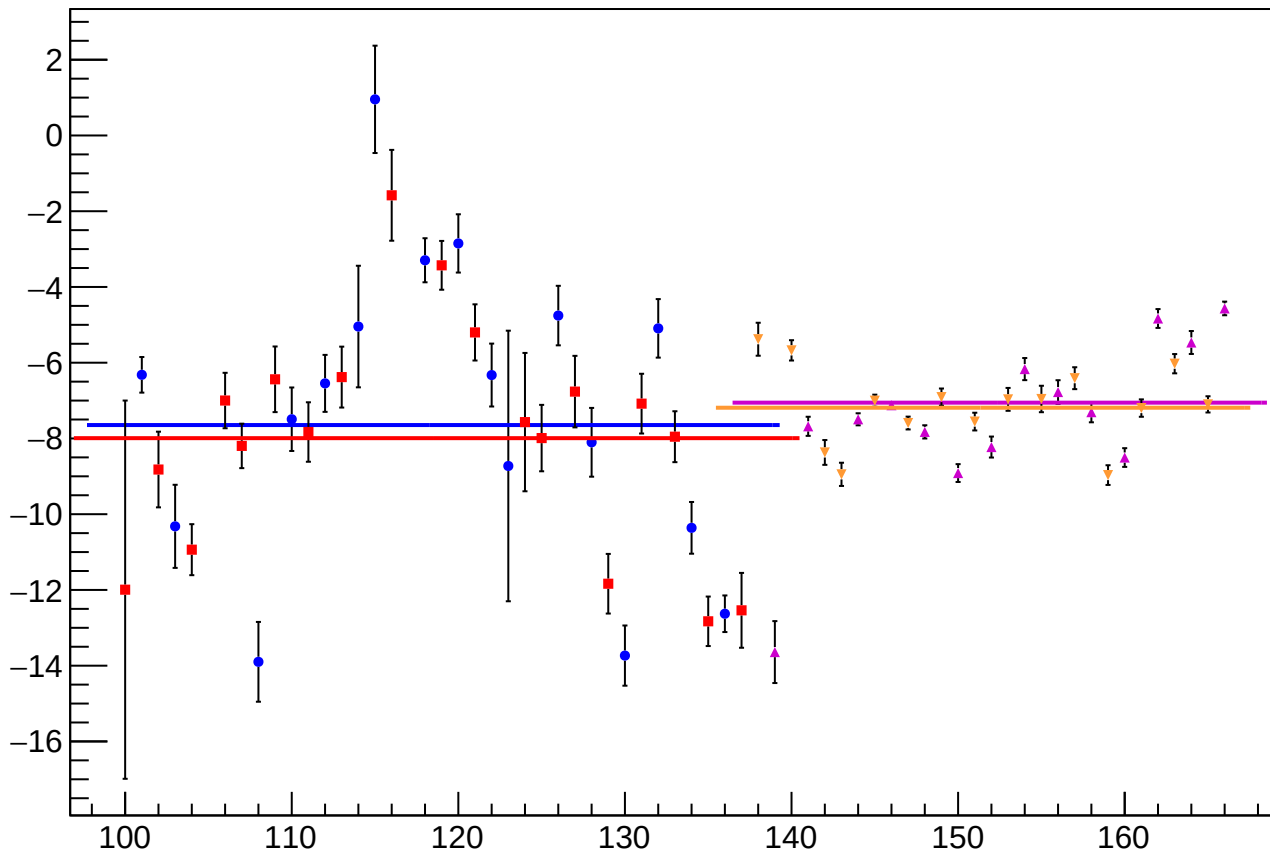
Left In: -21.581 ± 0.081 χ^2/NDF : 4637.3/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.309 ± 0.060 χ^2/NDF : 7802.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.189 ± 0.063 χ^2/NDF : 182.2/14

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

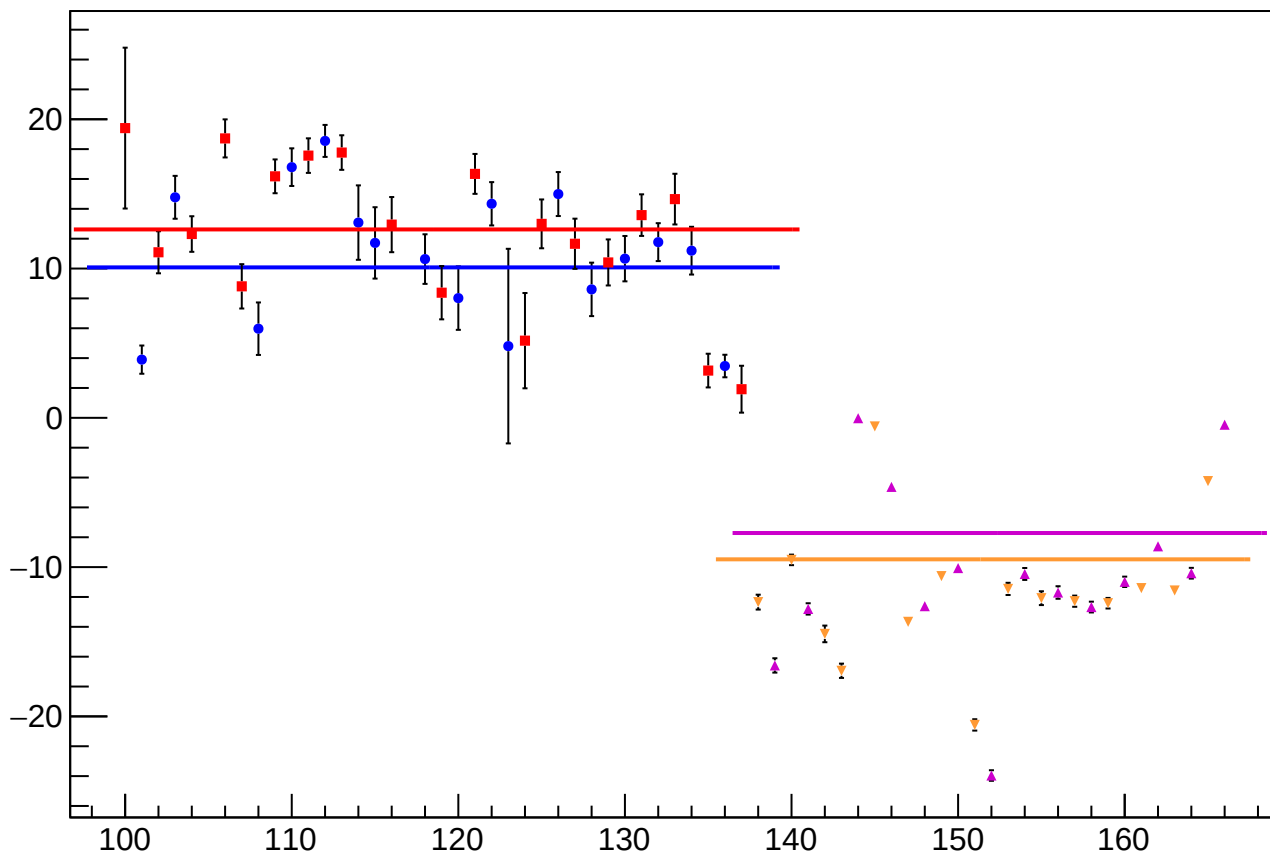
Left In: -7.055 ± 0.057 χ^2/NDF : 522.5/13

+ sign -7.236 ± 0.060 χ^2/NDF : 581.3/31

All: -7.182 ± 0.040 χ^2/NDF : 1353.9/64

- sign -7.136 ± 0.055 χ^2/NDF : 771.2/32

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 $\chi^2/\text{NDF}: 252.8/16$

Left Out: -9.479 ± 0.088 $\chi^2/\text{NDF}: 3929.2/14$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

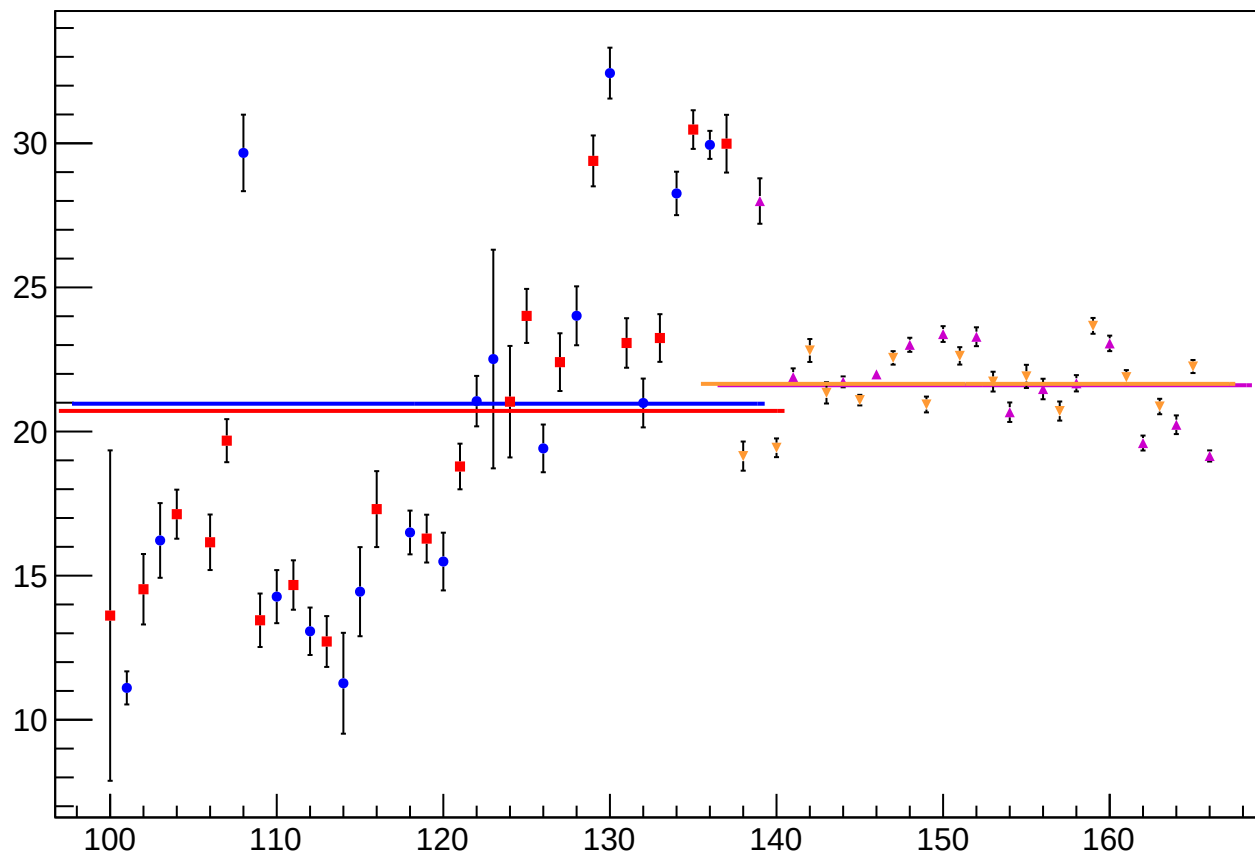
Left In: -7.716 ± 0.080 $\chi^2/\text{NDF}: 5964.1/13$

+ sign -8.229 ± 0.085 $\chi^2/\text{NDF}: 7338.5/31$

All: -7.343 ± 0.057 $\chi^2/\text{NDF}: 17258.8/64$

- sign -6.603 ± 0.078 $\chi^2/\text{NDF}: 9721.4/32$

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: 21.654 $\pm$ 0.073 χ^2 /NDF: 200.7/14

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

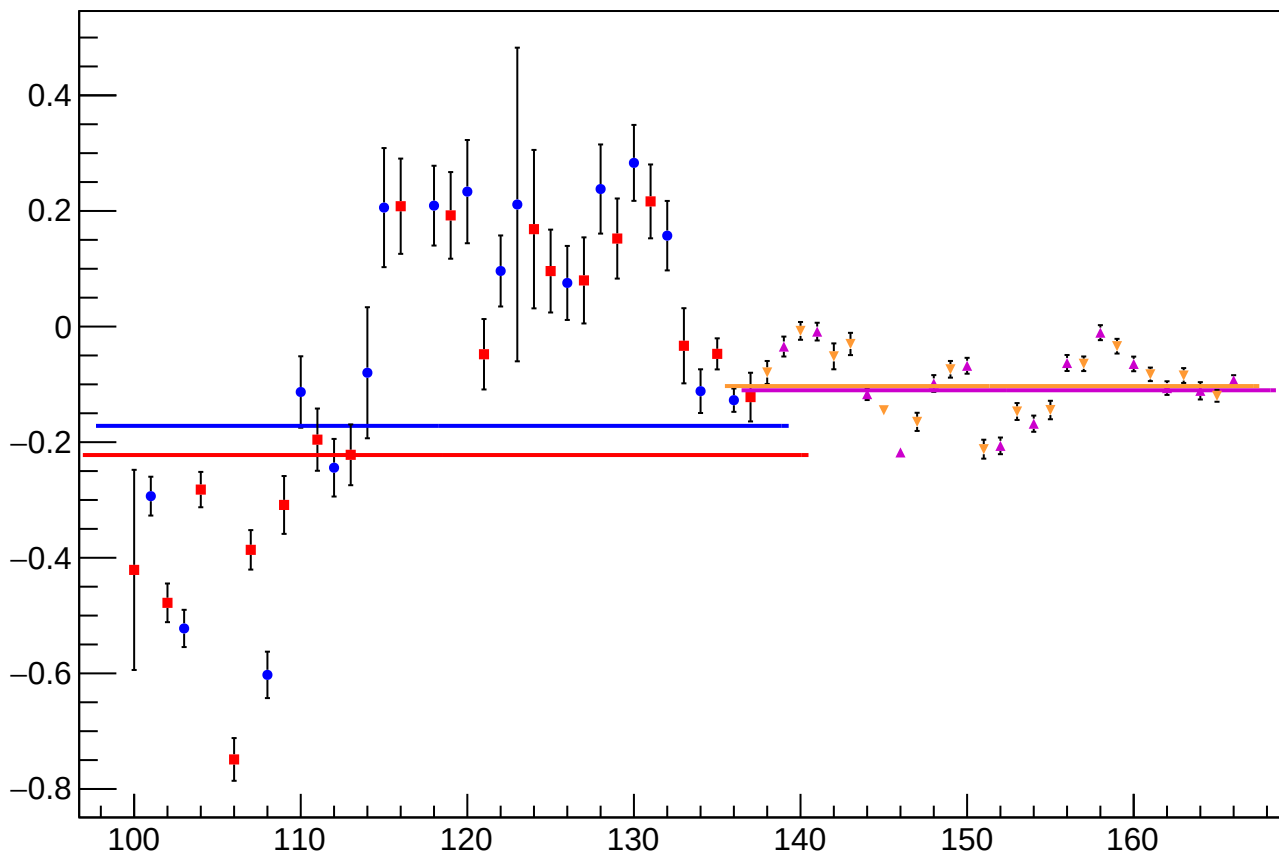
Left In: 21.606 $\pm$ 0.067 χ^2 /NDF: 451.7/13

+ sign 21.579 $\pm$ 0.069 χ^2 /NDF: 1435.8/31

All: 21.550 $\pm$ 0.047 χ^2 /NDF: 2633.6/64

- sign 21.525 $\pm$ 0.064 χ^2 /NDF: 1197.6/32

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.103 ± 0.003 χ^2/NDF : 212.4/14

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

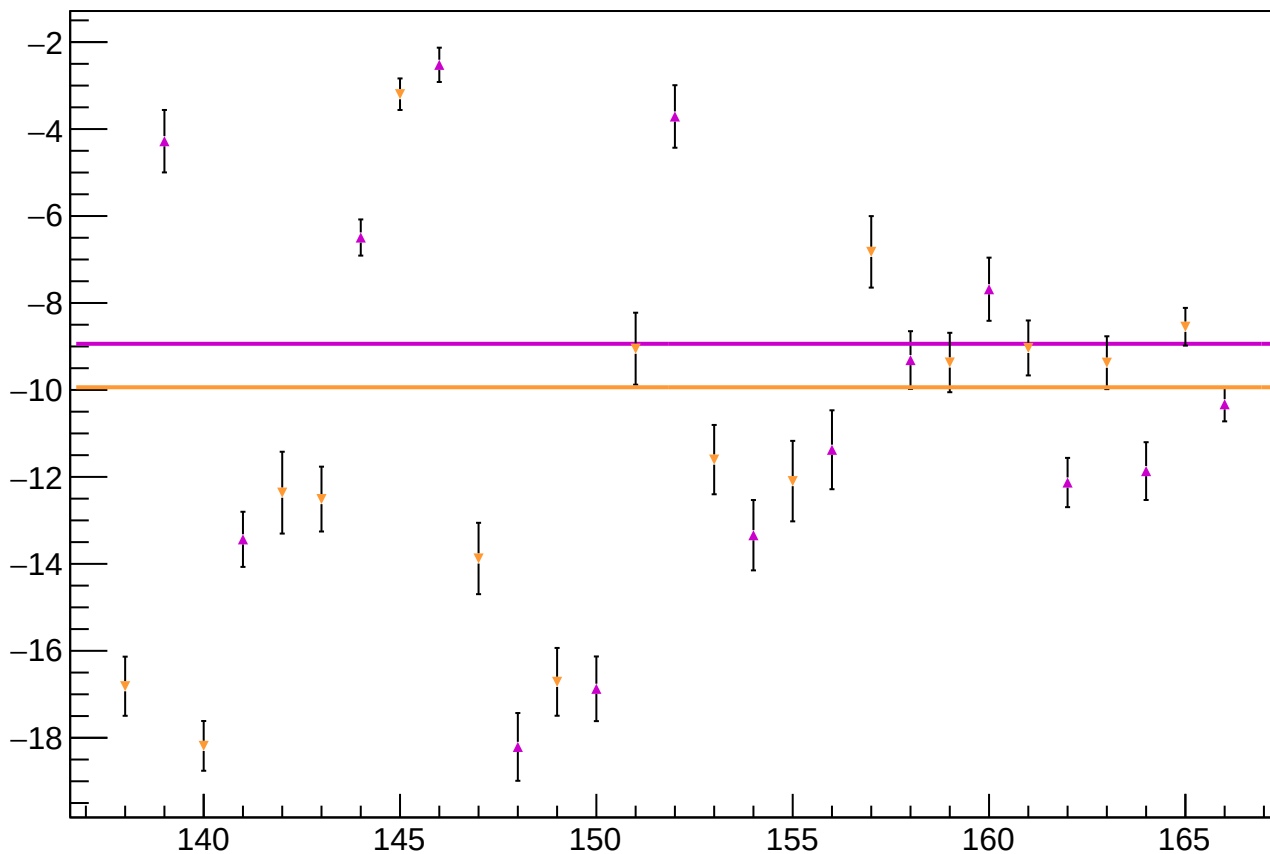
Left In: -0.110 ± 0.003 χ^2/NDF : 384.6/13

+ sign -0.109 ± 0.003 χ^2/NDF : 711.2/31

All: -0.114 ± 0.002 χ^2/NDF : 1733.3/64

- sign -0.119 ± 0.003 χ^2/NDF : 1016.8/32

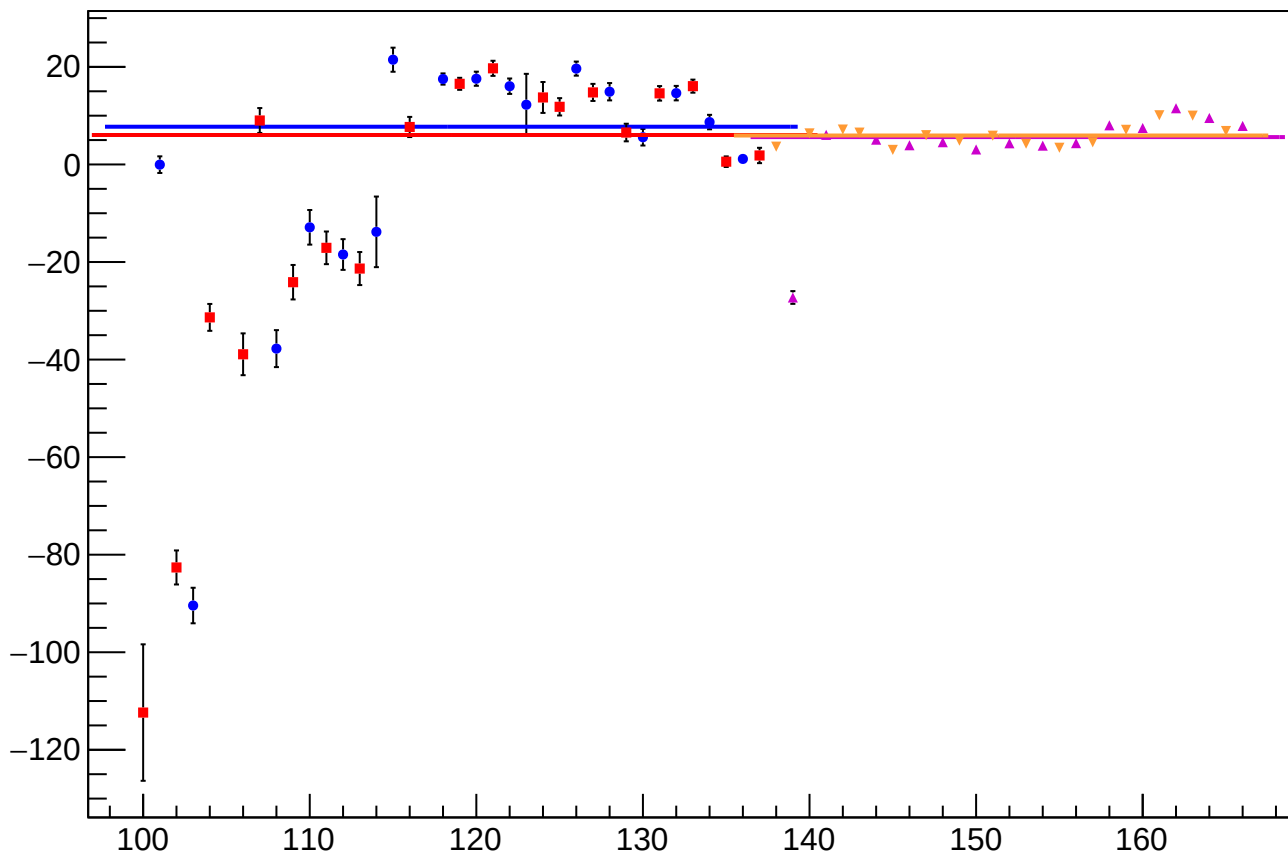
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.938+/-0.164 χ^2/NDF : 811.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.939+/-0.157 χ^2/NDF : 803.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.416+/-0.113 χ^2/NDF : 1634.6/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 5.936 ± 0.118 χ^2/NDF : 337.1/14

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

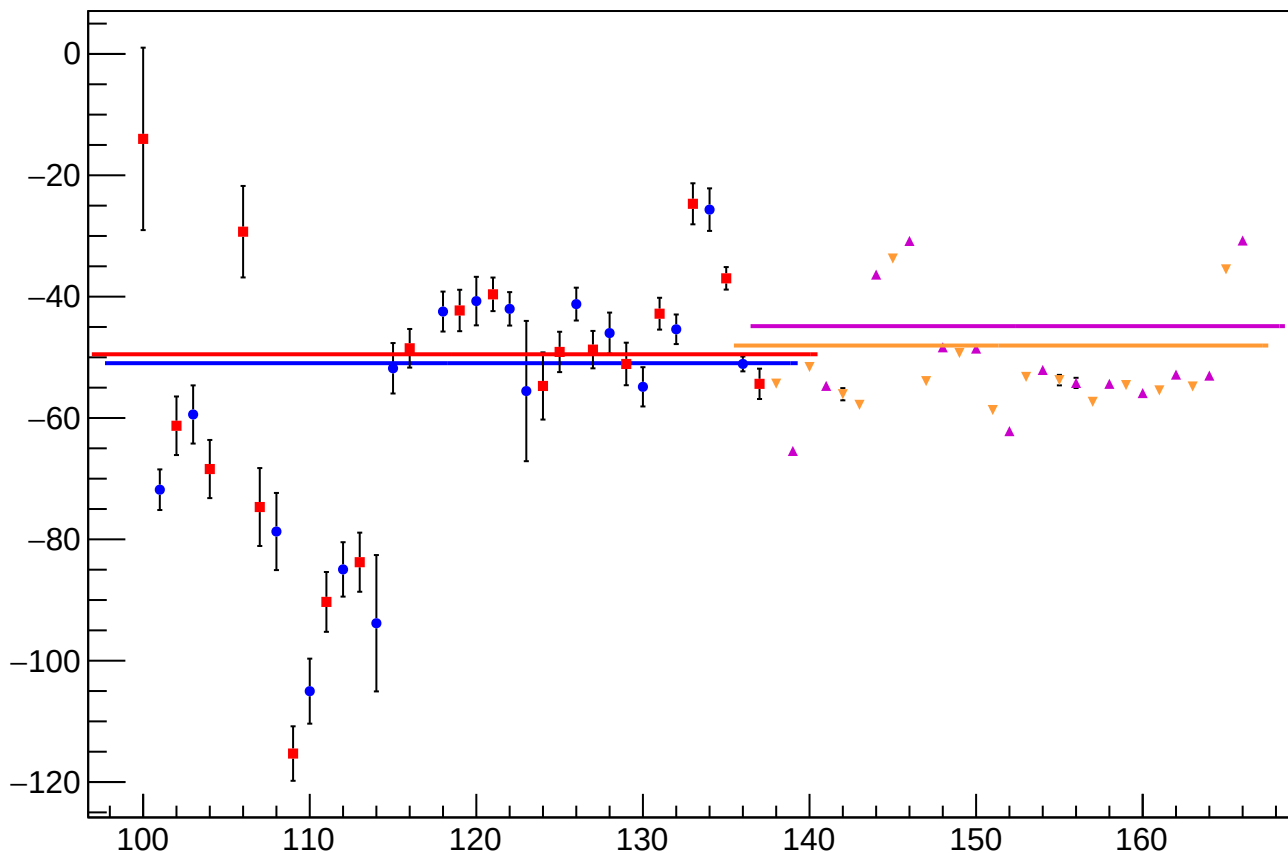
Left In: 5.612 ± 0.113 χ^2/NDF : 1042.5/13

+ sign 6.079 ± 0.114 χ^2/NDF : 1714.0/31

All: 5.850 ± 0.079 χ^2/NDF : 4277.3/64

- sign 5.639 ± 0.109 χ^2/NDF : 2555.5/32

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -48.057 ± 0.164 χ^2/NDF : 3411.5/14

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

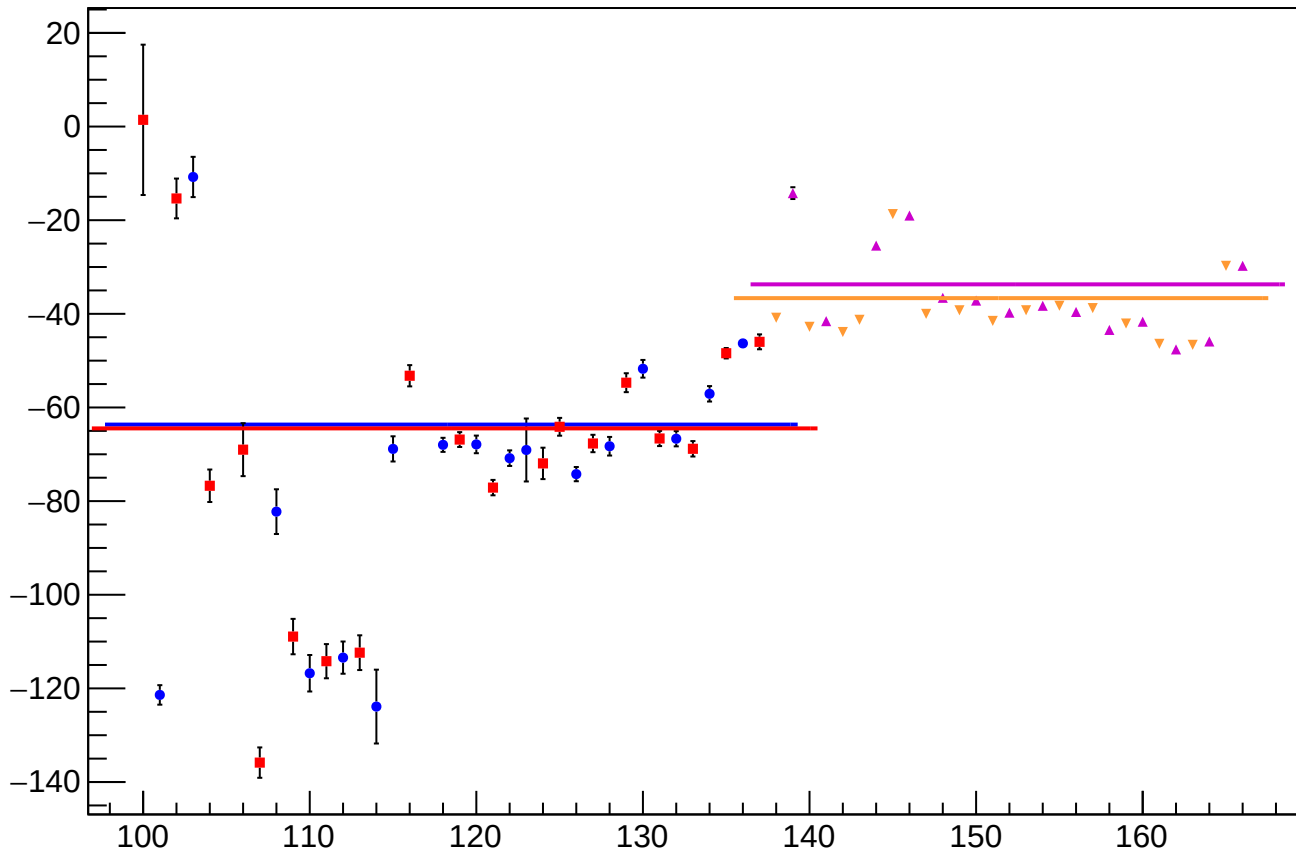
Left In: -44.861 ± 0.154 χ^2/NDF : 5669.8/13

+ sign -48.193 ± 0.160 χ^2/NDF : 3759.0/31

All: -46.529 ± 0.110 χ^2/NDF : 10178.3/64

- sign -45.029 ± 0.152 χ^2/NDF : 6212.8/32

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -36.647 ± 0.137 χ^2/NDF : 4636.8/14

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

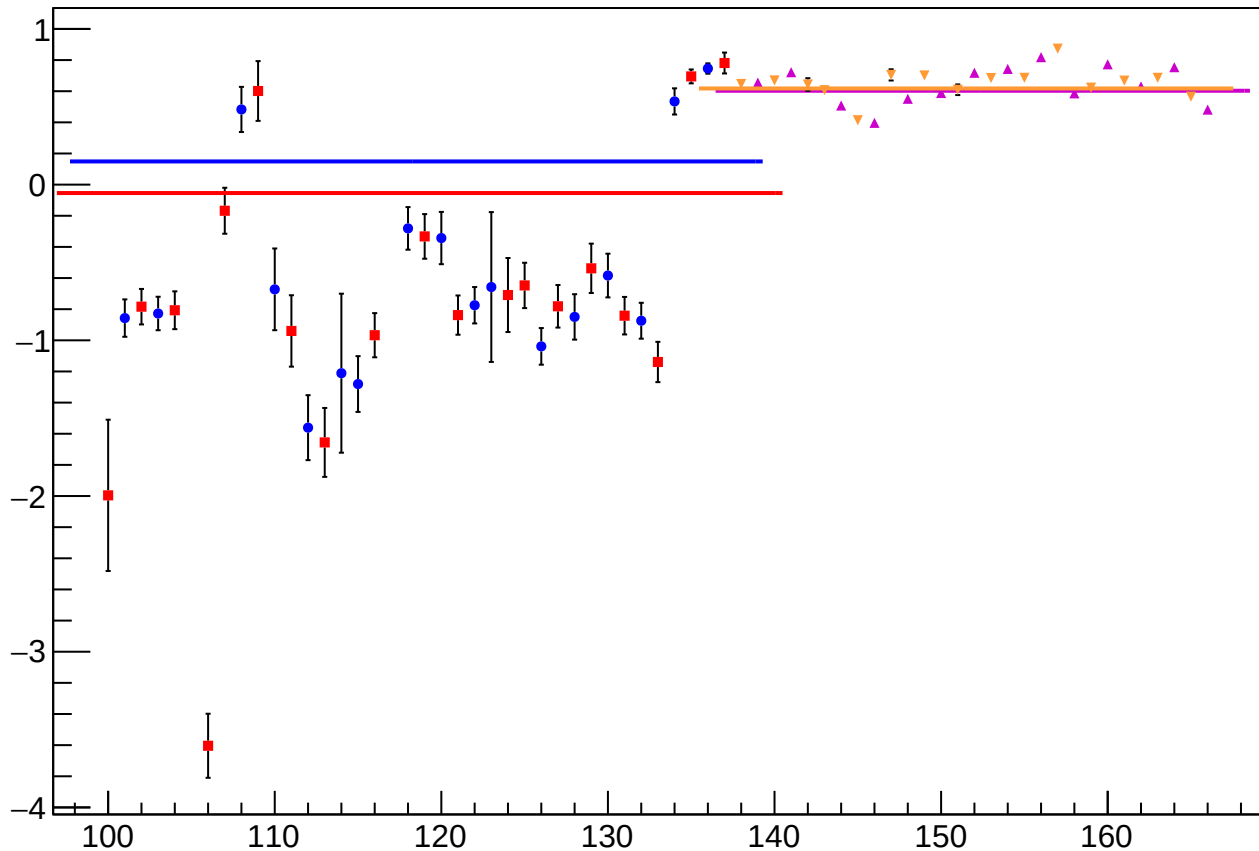
Left In: -33.703 ± 0.131 χ^2/NDF : 5521.4/13

+ sign -38.976 ± 0.131 χ^2/NDF : 10012.2/31

All: -37.348 ± 0.091 χ^2/NDF : 21226.8/64

- sign -35.821 ± 0.127 χ^2/NDF : 10914.3/32

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 $\pm$ 0.024 χ^2 /NDF: 989.9/16

Left Out: 0.618 $\pm$ 0.006 χ^2 /NDF:333.3/14

Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18

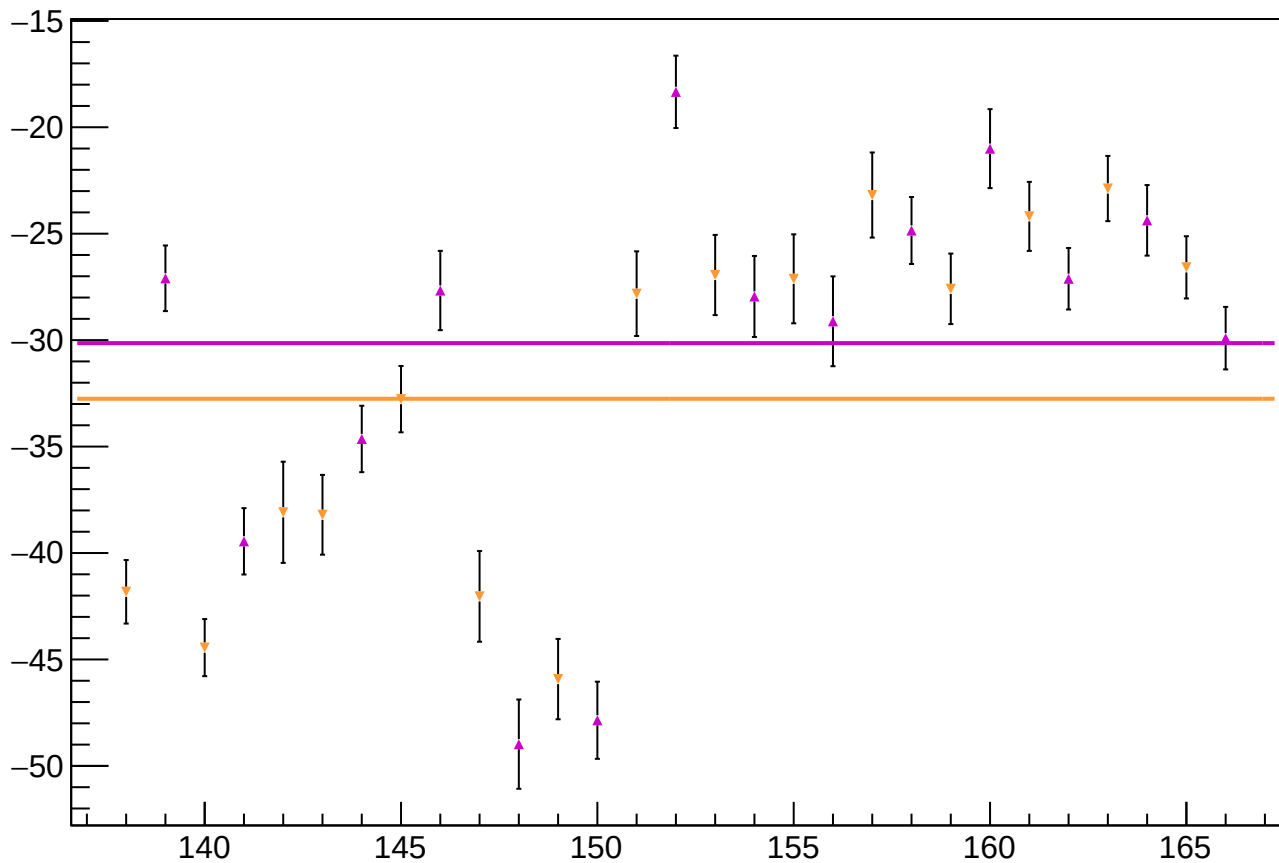
Left In: 0.603 $\pm$ 0.006 χ^2 /NDF:417.9/13

+ sign 0.586 $\pm$ 0.006 χ^2 /NDF: 1679.9/31

All: 0.577 $\pm$ 0.004 χ^2 /NDF: 3865.1/64

- sign 0.567 $\pm$ 0.006 χ^2 /NDF: 2180.4/32

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.754+/-0.446 χ^2/NDF : 336.9/14

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

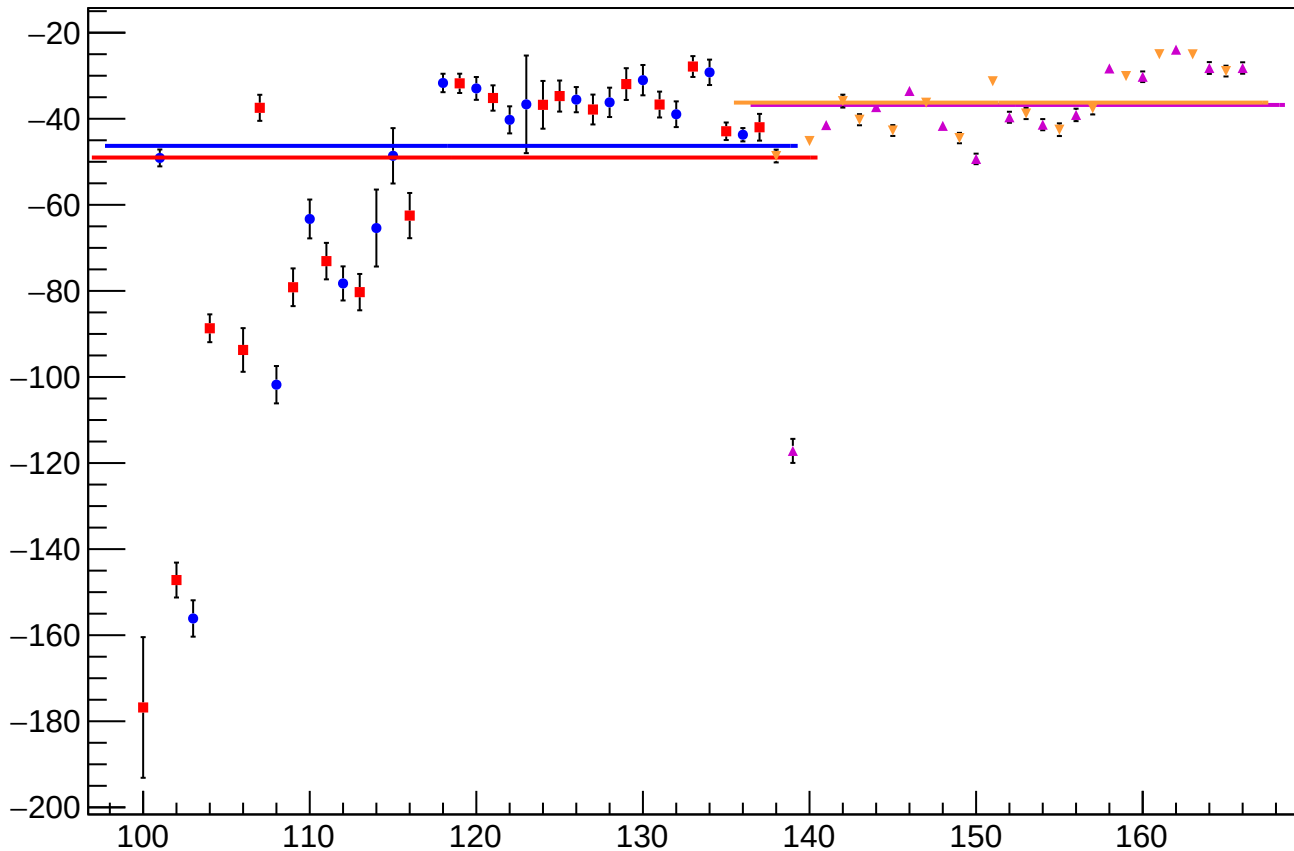
Left In: -30.140+/-0.451 χ^2/NDF : 327.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.463+/-0.317 χ^2/NDF : 681.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -36.246 ± 0.319 χ^2/NDF : 513.5/14

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

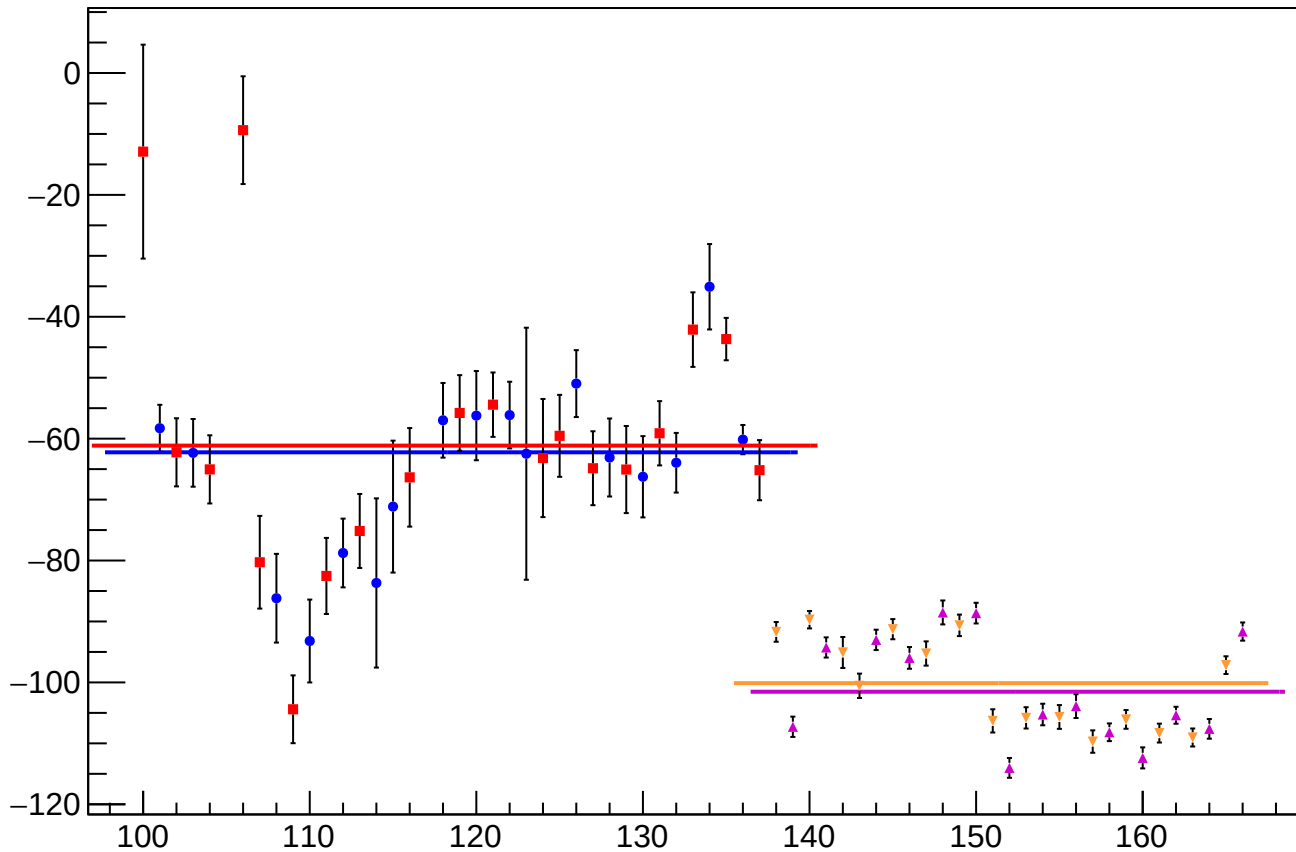
Left In: -36.789 ± 0.330 χ^2/NDF : 1296.6/13

+ sign -37.887 ± 0.292 χ^2/NDF : 1759.5/31

All: -38.284 ± 0.210 χ^2/NDF : 4547.3/64

- sign -38.712 ± 0.303 χ^2/NDF : 2783.9/32

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -100.119 ± 0.441 χ^2/NDF : 287.6/14

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

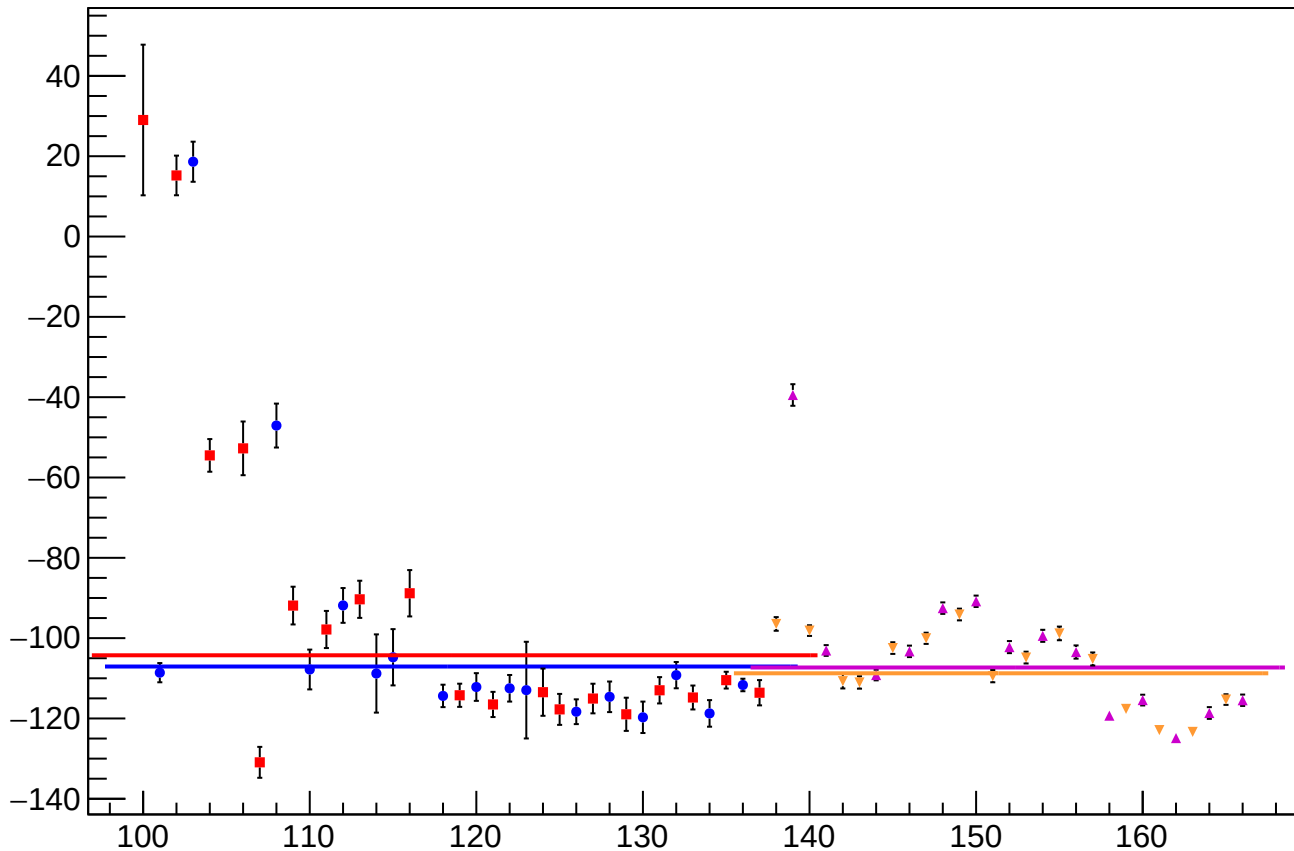
Left In: -101.529 ± 0.442 χ^2/NDF : 359.7/13

+ sign -96.271 ± 0.418 χ^2/NDF : 1105.9/31

All: -97.015 ± 0.296 χ^2/NDF : 2415.1/64

- sign -97.771 ± 0.421 χ^2/NDF : 1302.7/32

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -108.753 ± 0.369 χ^2/NDF : 681.3/14

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

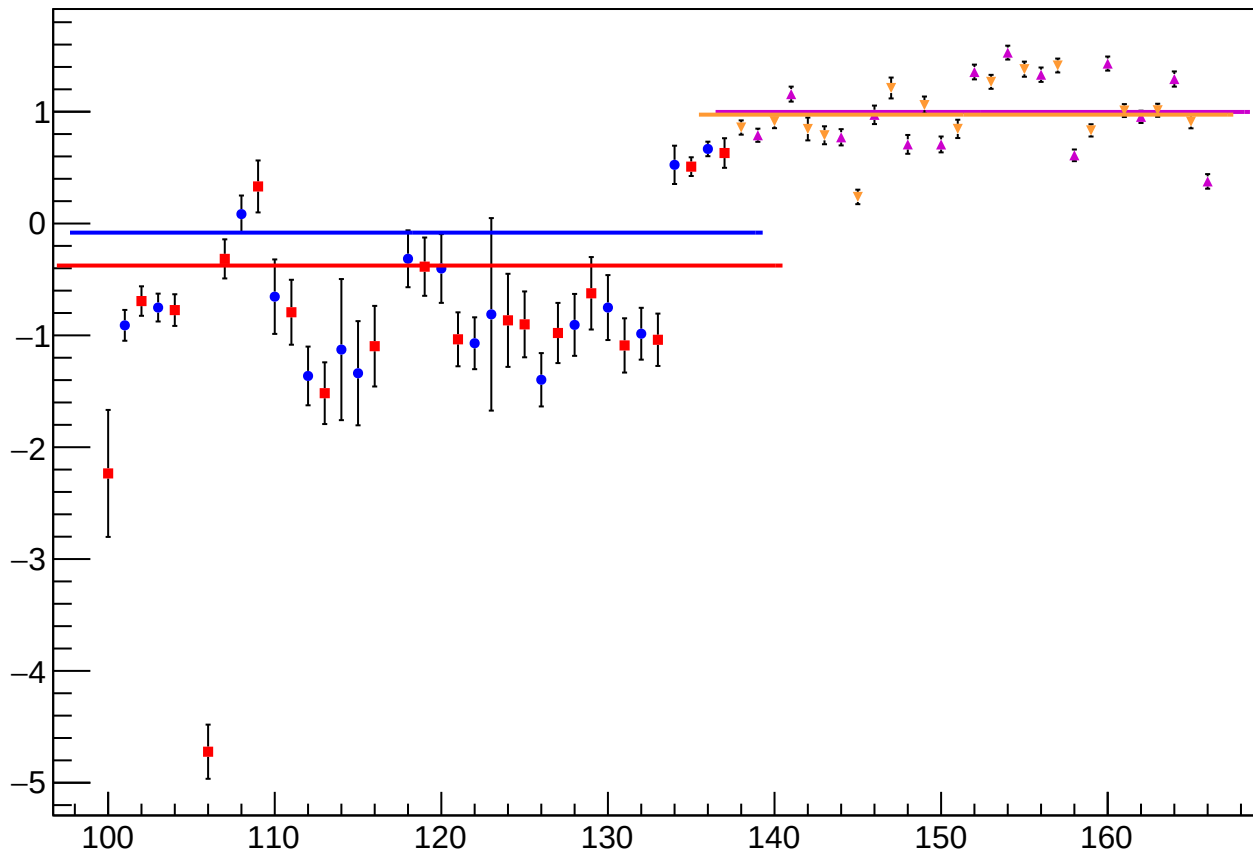
Left In: -107.310 ± 0.378 χ^2/NDF : 1396.4/13

+ sign -108.464 ± 0.336 χ^2/NDF : 1513.3/31

All: -107.666 ± 0.241 χ^2/NDF : 3950.4/64

- sign -106.818 ± 0.346 χ^2/NDF : 2425.5/32

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.974 ± 0.017 χ^2/NDF : 266.6/14

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

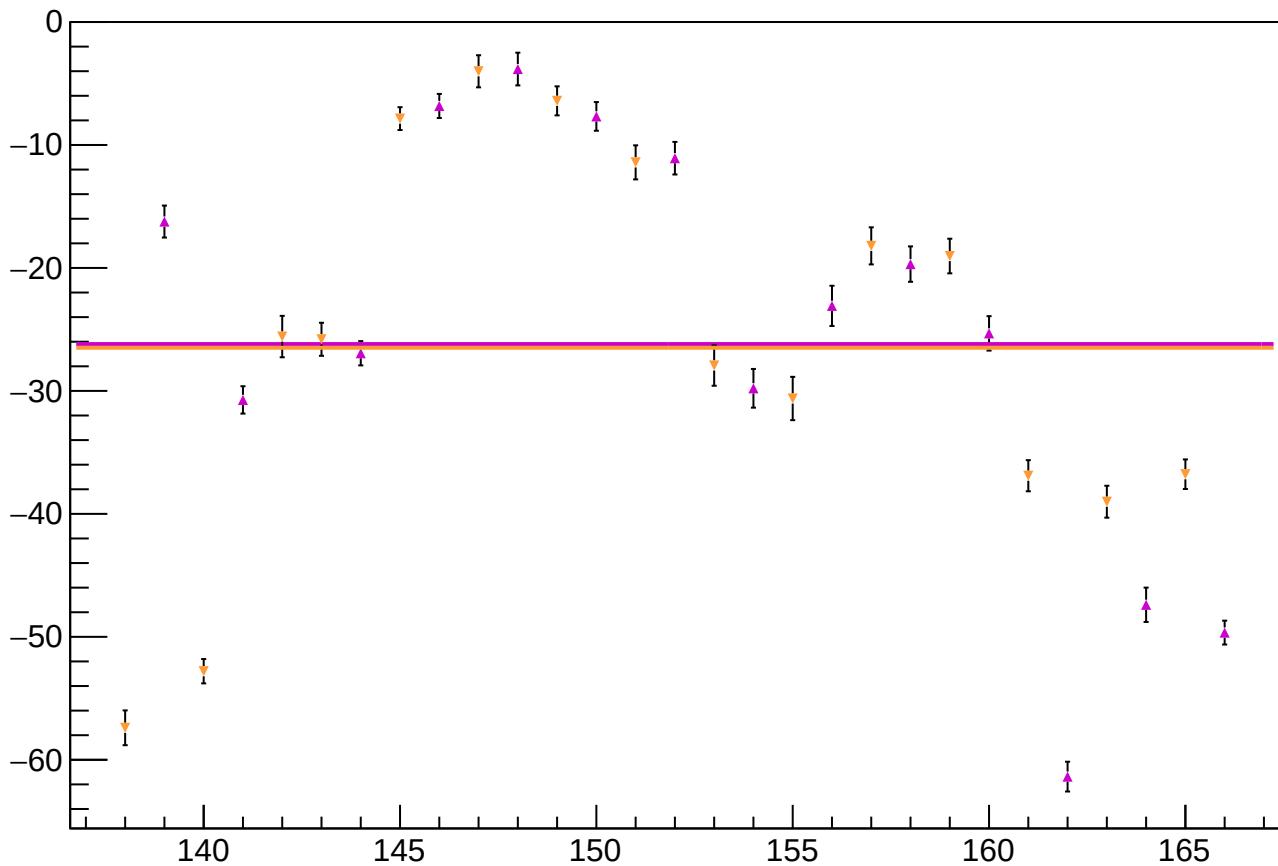
Left In: 0.998 ± 0.017 χ^2/NDF : 397.9/13

+ sign 0.822 ± 0.016 χ^2/NDF : 1131.8/31

All: 0.817 ± 0.011 χ^2/NDF : 2959.7/64

- sign 0.812 ± 0.016 χ^2/NDF : 1827.7/32

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -26.490+/-0.334 χ^2/NDF : 2588.6/14

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

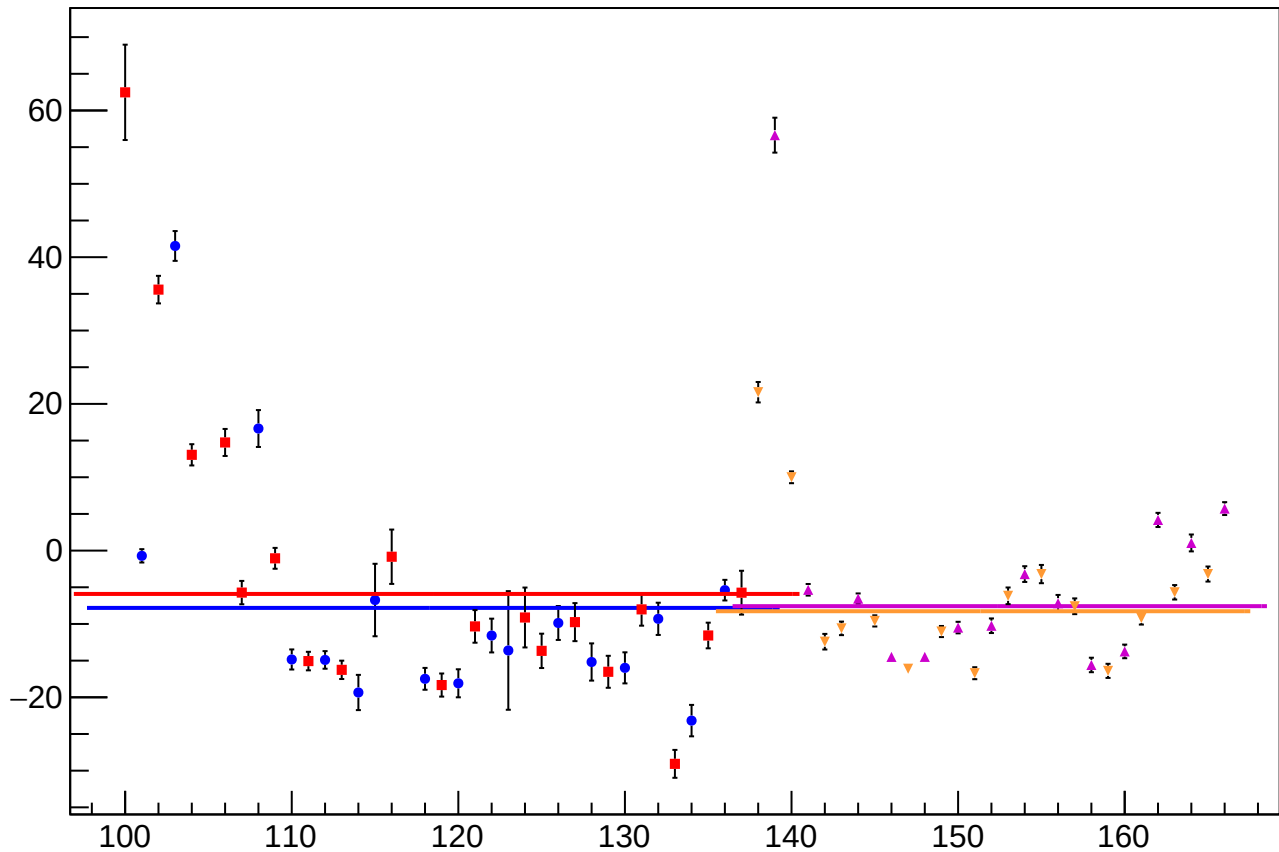
Left In: -26.192+/-0.327 χ^2/NDF : 2819.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.337+/-0.234 χ^2/NDF : 5408.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -8.266 ± 0.234 χ^2/NDF : 1396.4/14

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

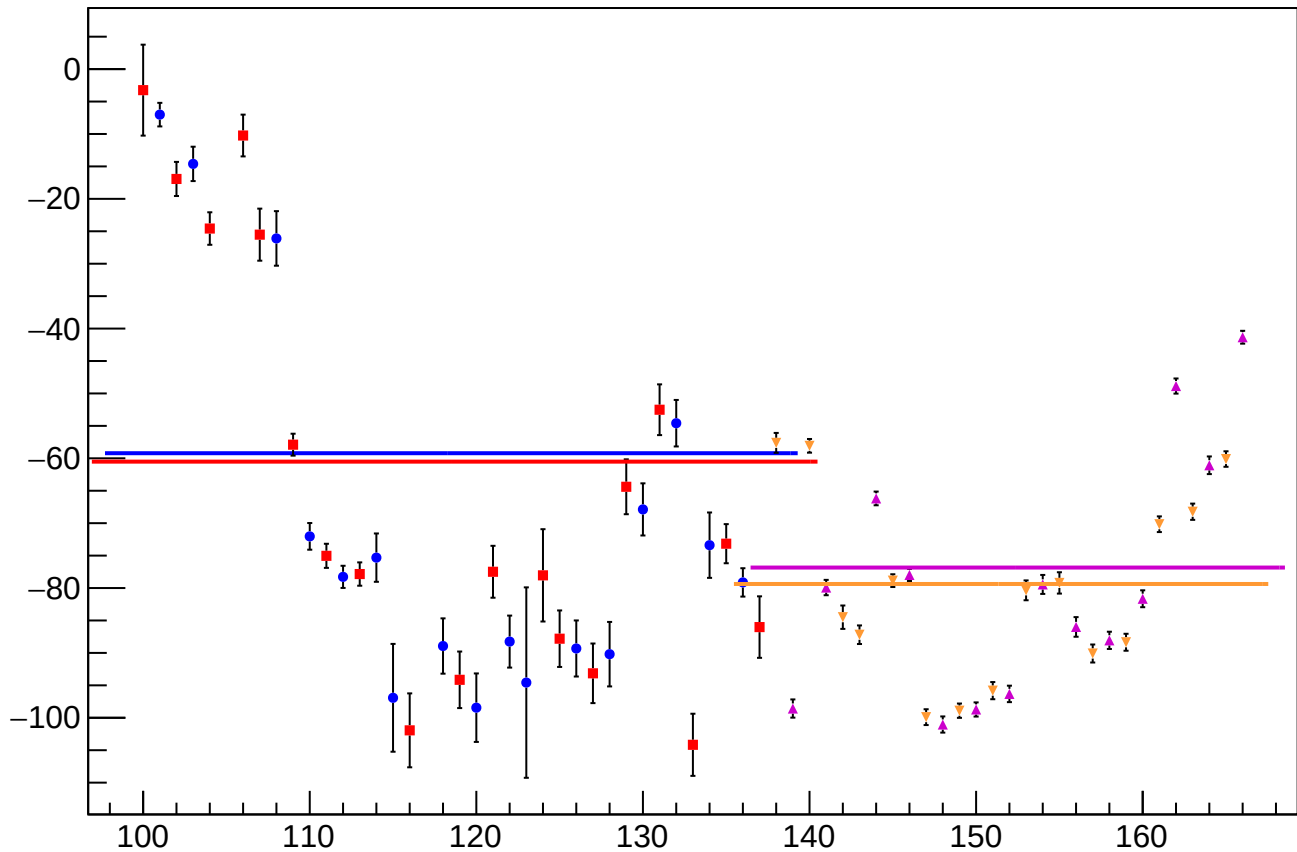
Left In: -7.574 ± 0.233 χ^2/NDF : 1558.2/13

+ sign -8.161 ± 0.205 χ^2/NDF : 2380.0/31

All: -7.677 ± 0.145 χ^2/NDF : 5254.0/64

- sign -7.194 ± 0.205 χ^2/NDF : 2862.9/32

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -79.374 ± 0.331 χ^2/NDF : 1902.7/14

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

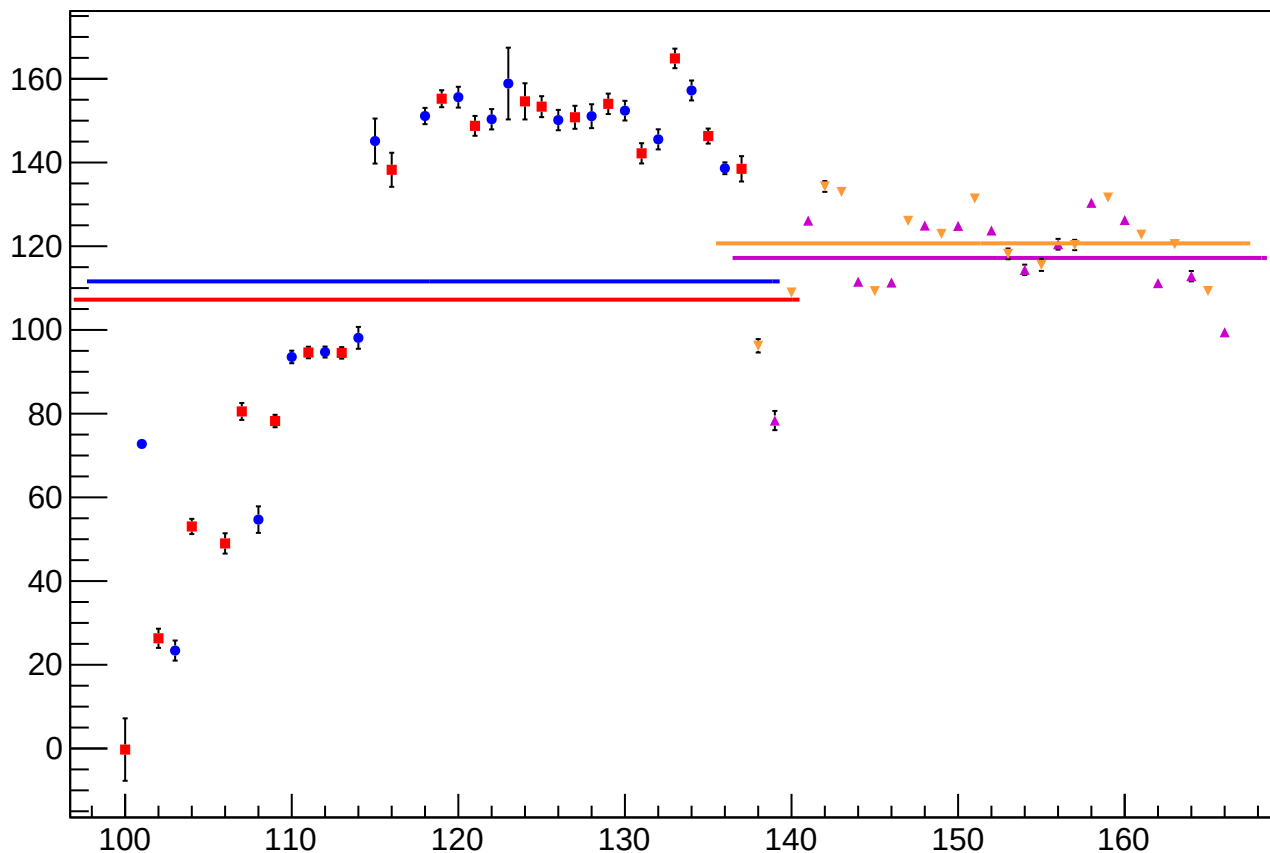
Left In: -76.842 ± 0.321 χ^2/NDF : 3488.3/13

+ sign -76.046 ± 0.302 χ^2/NDF : 4236.6/31

All: -75.005 ± 0.210 χ^2/NDF : 9577.0/64

- sign -74.033 ± 0.292 χ^2/NDF : 5317.5/32

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: 120.685 $\pm$ 0.275 χ^2 /NDF:1179.1/14

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

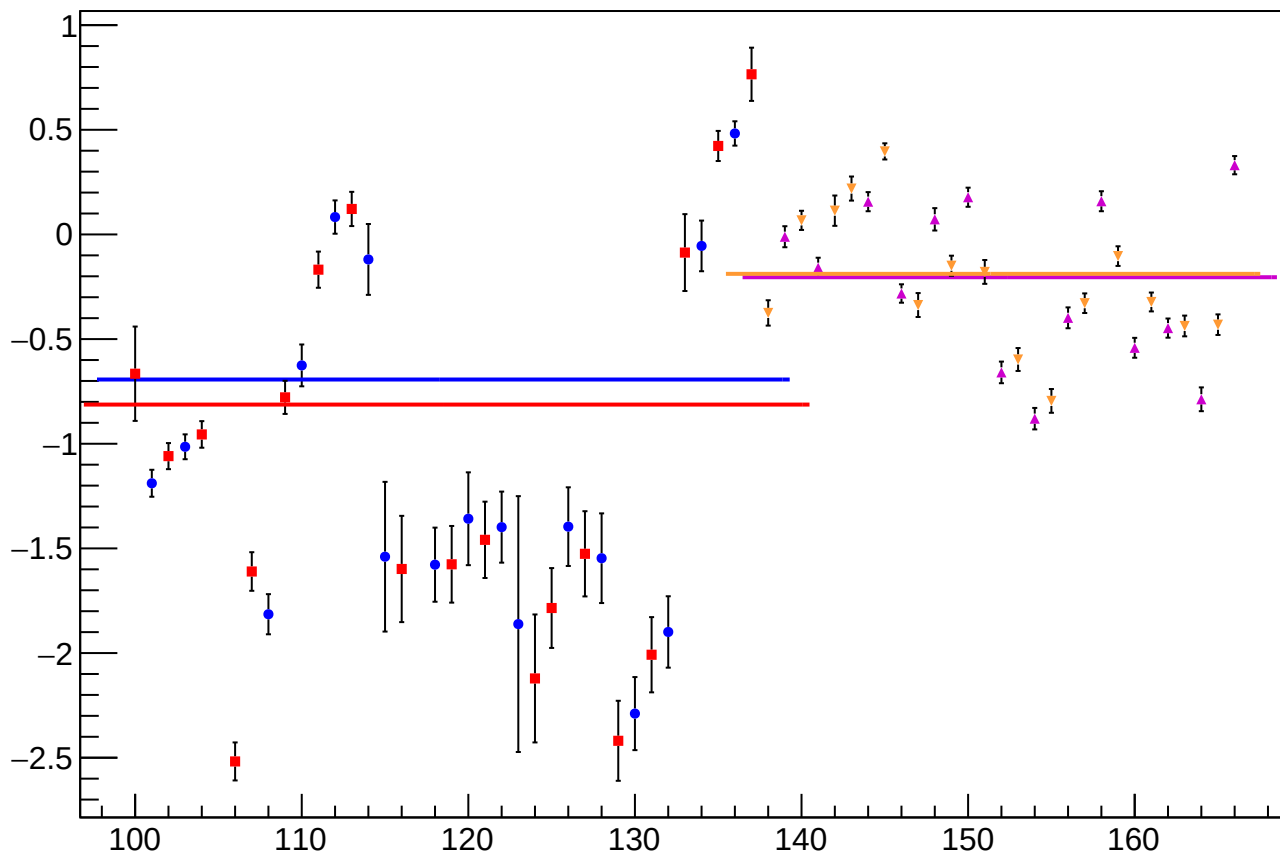
Left In: 117.200 $\pm$ 0.272 χ^2 /NDF:1309.9/13

+ sign 118.487 $\pm$ 0.239 χ^2 /NDF: 7403.0/31

All: 116.648 $\pm$ 0.169 χ^2 /NDF: 16185.8/64

- sign 114.833 $\pm$ 0.238 χ^2 /NDF: 8665.4/32

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 ± 0.013 χ^2/NDF : 586.1/14

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

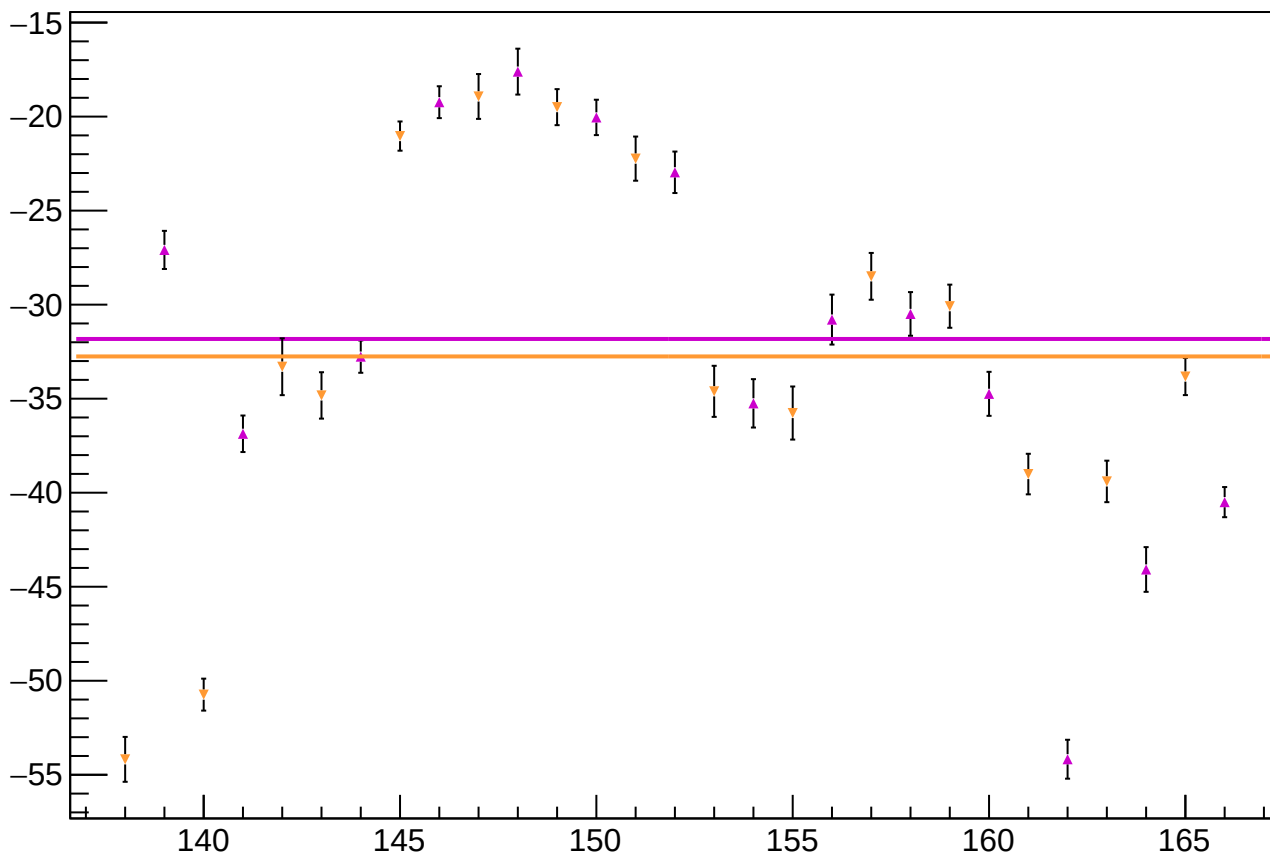
Left In: -0.204 ± 0.013 χ^2/NDF : 836.9/13

+ sign -0.292 ± 0.012 χ^2/NDF : 1884.1/31

All: -0.315 ± 0.008 χ^2/NDF : 4527.6/64

- sign -0.338 ± 0.011 χ^2/NDF : 2635.5/32

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.754 +/- 0.283 χ^2/NDF : 1501.2/14

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

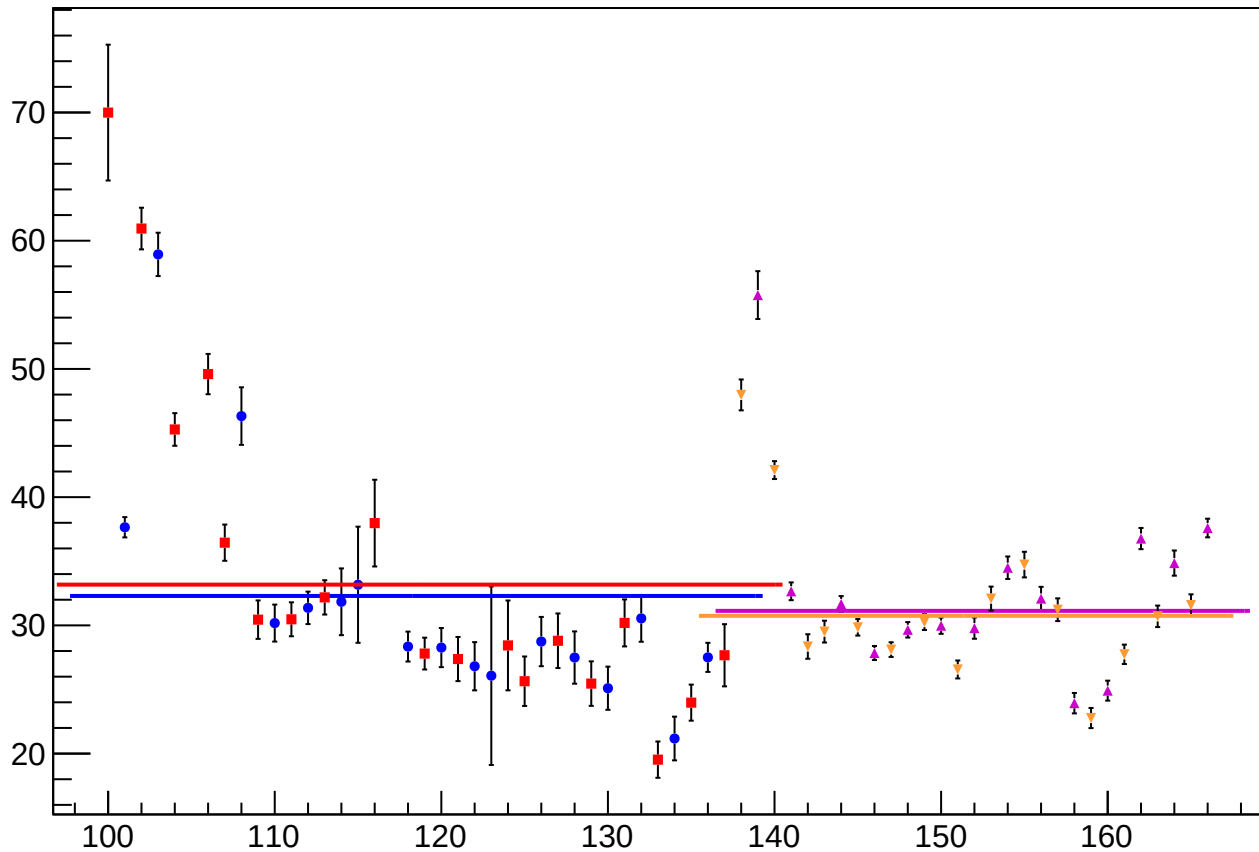
Left In: -31.825 +/- 0.275 χ^2/NDF : 1333.1/13

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

All: -32.276 +/- 0.197 χ^2/NDF : 2839.9/28

- 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 χ^2/NDF : 452.2/16

Left Out: 30.746+/-0.200 χ^2/NDF : 676.0/14

Right Out: 33.180+/-0.379 χ^2/NDF : 770.3/18

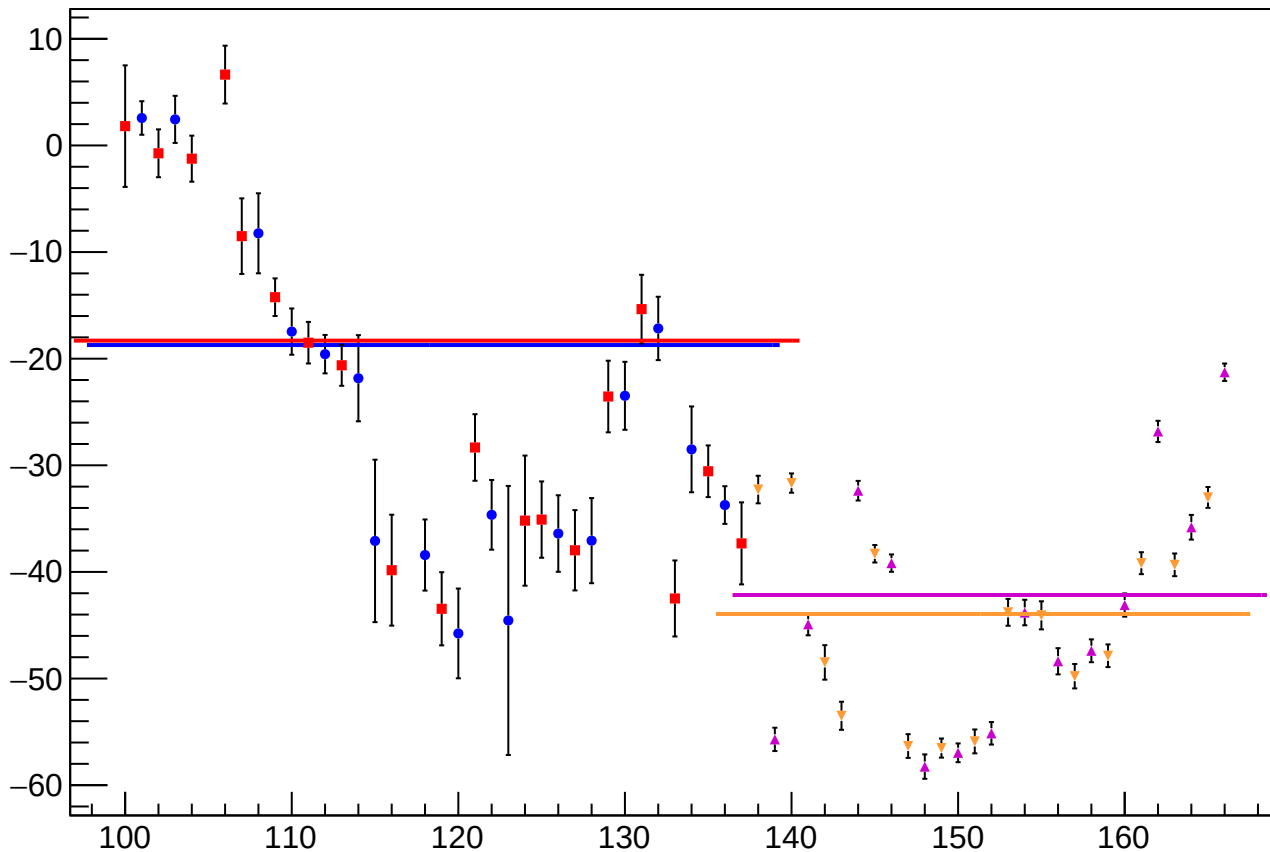
Left In: 31.132+/-0.199 χ^2/NDF : 529.2/13

+ sign 31.093+/-0.176 χ^2/NDF : 1141.6/31

All: 31.334+/-0.125 χ^2/NDF : 2467.7/64

- sign 31.576+/-0.177 χ^2/NDF : 1322.3/32

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -43.943 ± 0.279 χ^2/NDF : 1012.0/14

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

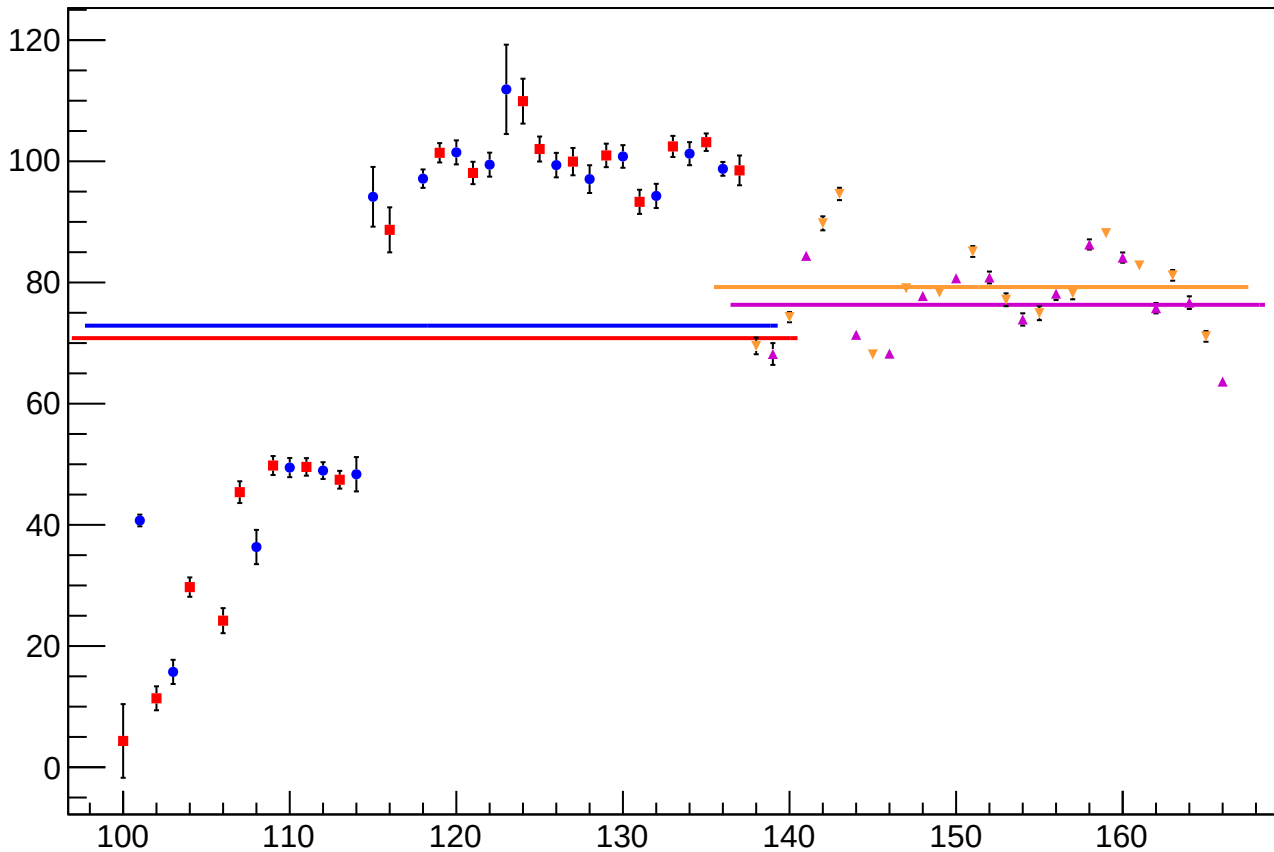
Left In: -42.166 ± 0.270 χ^2/NDF : 1892.3/13

+ sign -40.169 ± 0.257 χ^2/NDF : 2753.4/31

All: -39.358 ± 0.179 χ^2/NDF : 6306.8/64

- sign -38.600 ± 0.249 χ^2/NDF : 3534.2/32

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 ± 0.426 $\chi^2/\text{NDF}: 4737.9/16$

Left Out: 79.246 ± 0.234 $\chi^2/\text{NDF}: 907.3/14$

Right Out: 70.815 ± 0.433 $\chi^2/\text{NDF}: 5489.3/18$

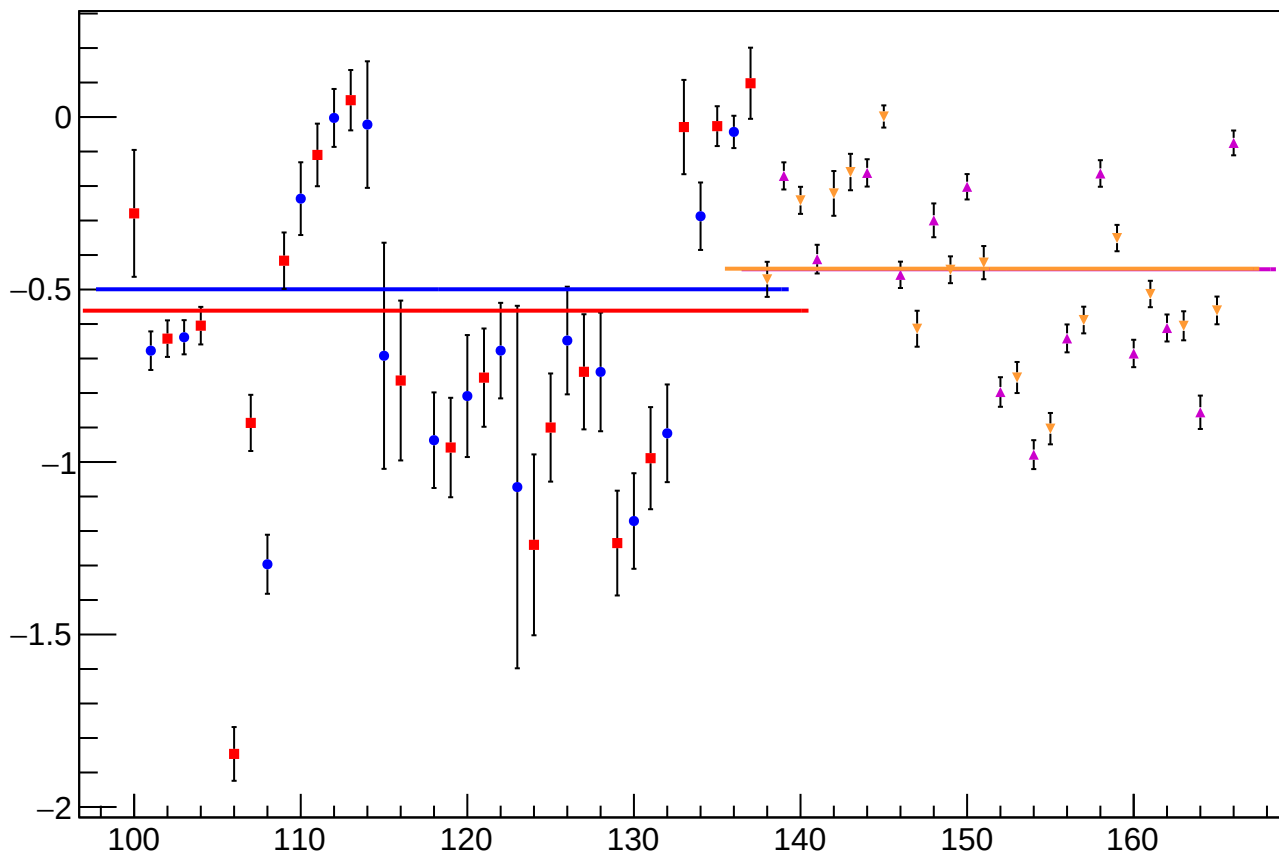
Left In: 76.316 ± 0.231 $\chi^2/\text{NDF}: 861.9/13$

+ sign 77.772 ± 0.205 $\chi^2/\text{NDF}: 5817.4/31$

All: 76.429 ± 0.144 $\chi^2/\text{NDF}: 12379.7/64$

- sign 75.099 ± 0.204 $\chi^2/\text{NDF}: 6476.7/32$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.440 ± 0.011 χ^2/NDF : 466.2/14

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

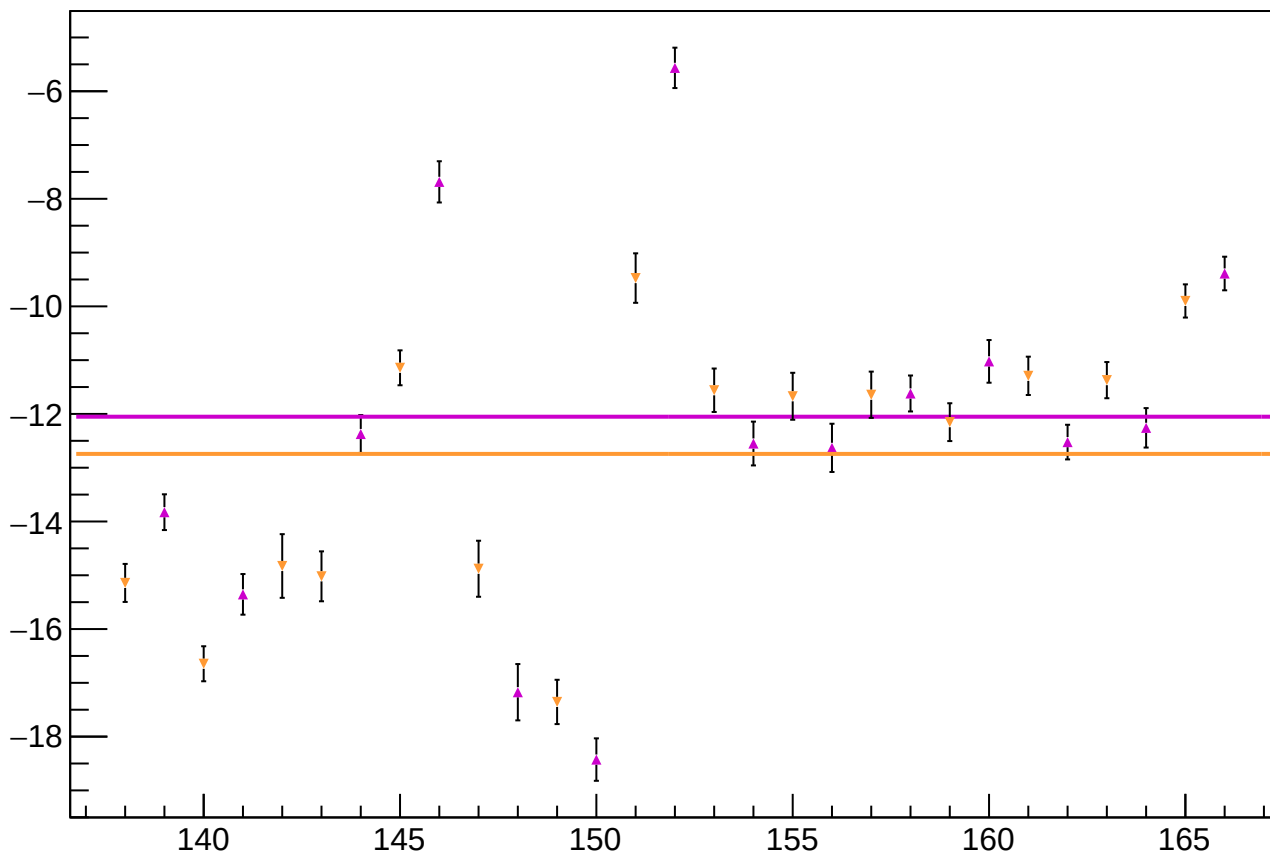
Left In: -0.441 ± 0.011 χ^2/NDF : 692.0/13

+ sign -0.451 ± 0.010 χ^2/NDF : 775.4/31

All: -0.459 ± 0.007 χ^2/NDF : 2055.9/64

- sign -0.466 ± 0.010 χ^2/NDF : 1279.4/32

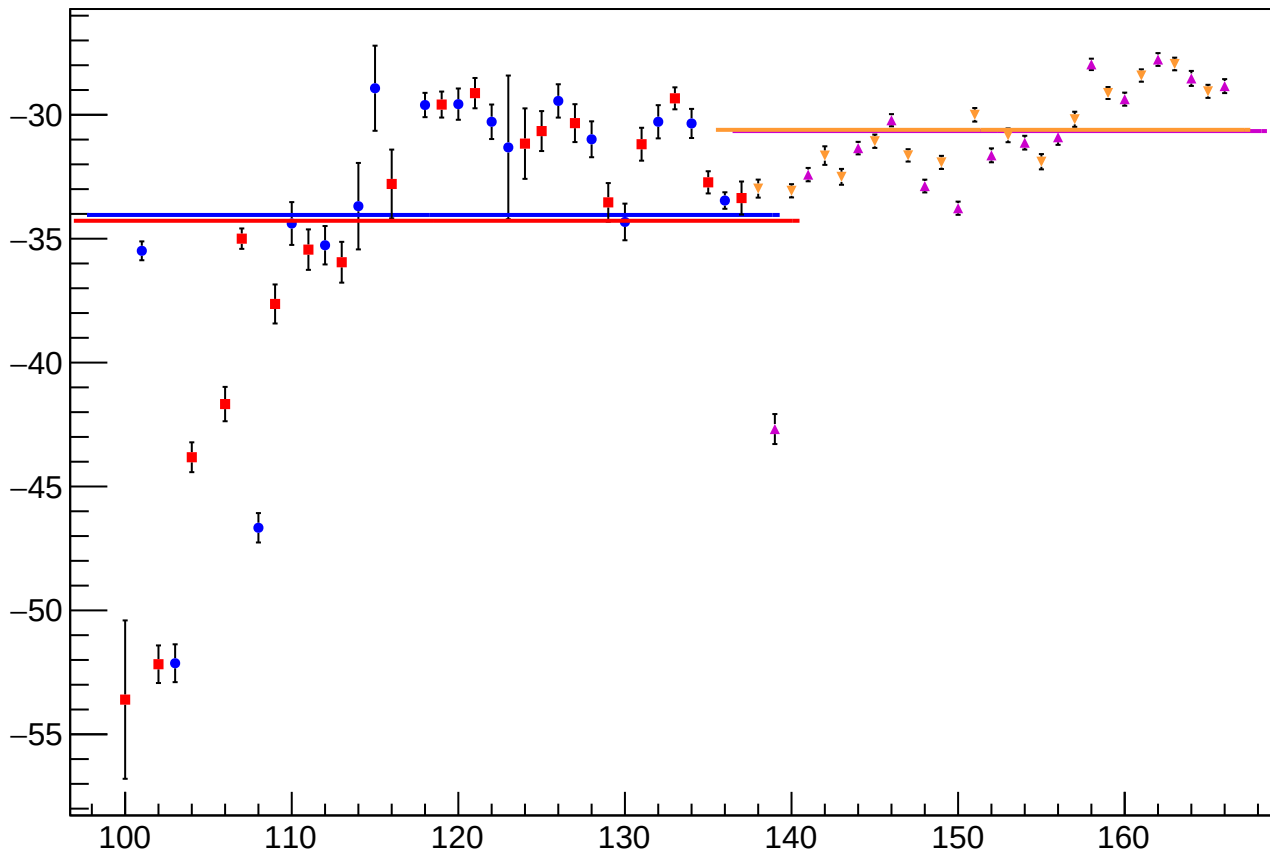
reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.743+/-0.100 χ^2/NDF : 585.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.052+/-0.099 χ^2/NDF : 977.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -12.396+/-0.070 χ^2/NDF : 1586.9/28
 - 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 $\chi^2/\text{NDF}: 1340.8/16$

Left Out: -30.607 ± 0.072 $\chi^2/\text{NDF}: 496.1/14$

Right Out: -34.277 ± 0.151 $\chi^2/\text{NDF}: 1349.5/18$

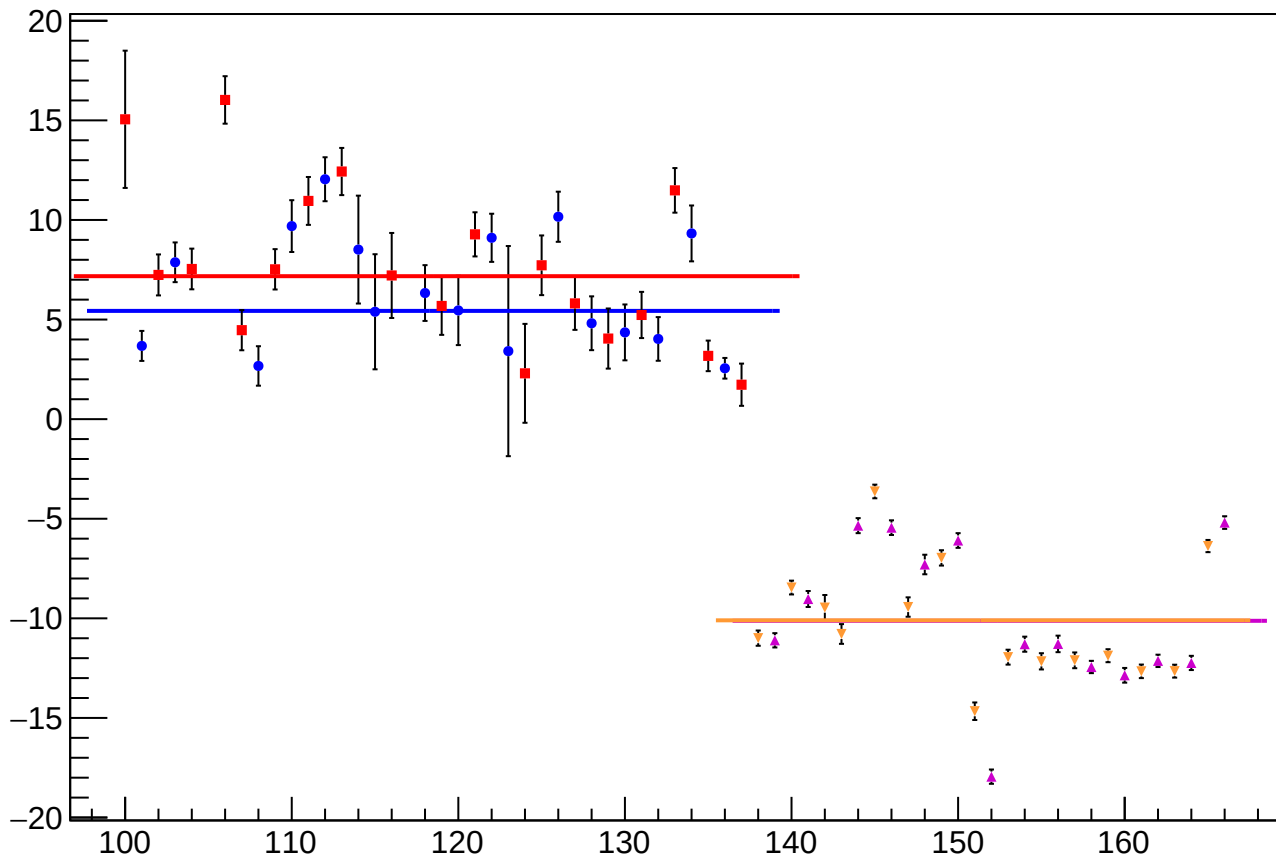
Left In: -30.657 ± 0.073 $\chi^2/\text{NDF}: 1048.4/13$

+ sign -31.246 ± 0.065 $\chi^2/\text{NDF}: 2259.6/31$

All: -31.298 ± 0.046 $\chi^2/\text{NDF}: 5124.2/64$

- sign -31.352 ± 0.066 $\chi^2/\text{NDF}: 2863.3/32$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 ± 0.270 $\chi^2/\text{NDF}: 132.0/16$

Left Out: -10.100 ± 0.098 $\chi^2/\text{NDF}: 933.6/14$

Right Out: 7.177 ± 0.274 $\chi^2/\text{NDF}: 182.6/18$

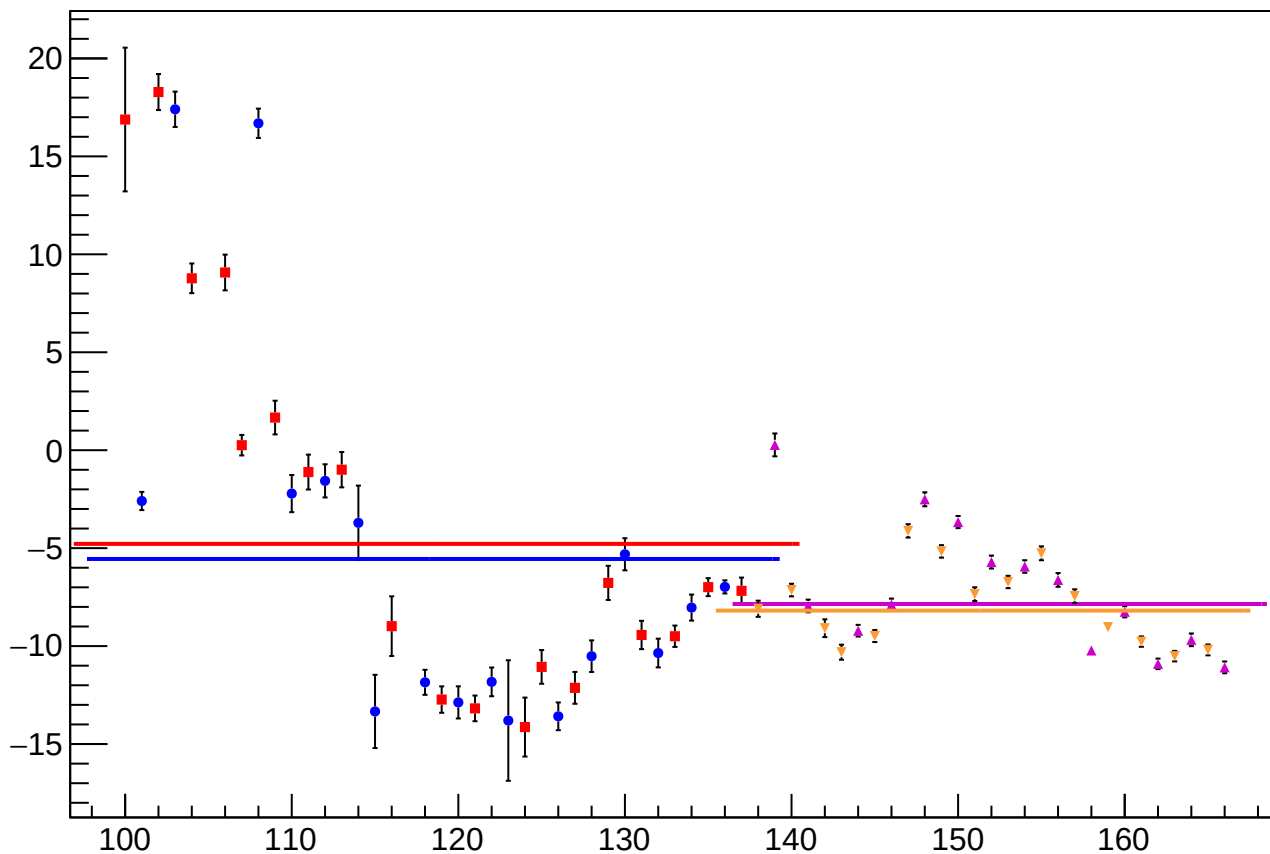
Left In: -10.124 ± 0.097 $\chi^2/\text{NDF}: 1410.9/13$

+ sign -8.285 ± 0.092 $\chi^2/\text{NDF}: 3998.7/31$

All: -8.242 ± 0.065 $\chi^2/\text{NDF}: 9132.1/64$

- sign -8.200 ± 0.091 $\chi^2/\text{NDF}: 5133.0/32$

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: -8.189 ± 0.083 χ^2/NDF : 565.8/14

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

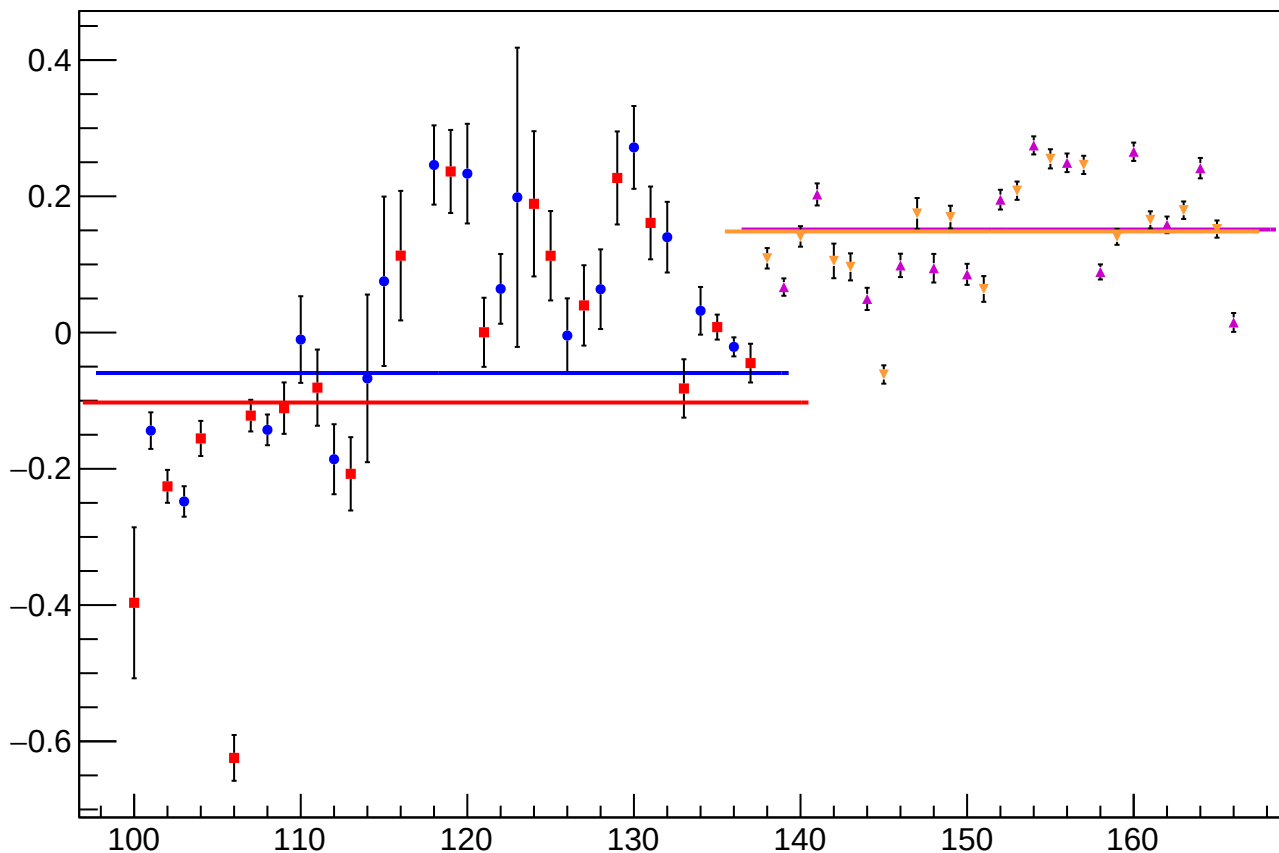
Left In: -7.851 ± 0.084 χ^2/NDF : 1083.8/13

+ sign -7.684 ± 0.074 χ^2/NDF : 2885.7/31

All: -7.479 ± 0.053 χ^2/NDF : 6280.8/64

- sign -7.269 ± 0.075 χ^2/NDF : 3379.7/32

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059 $\pm$ 0.008 χ^2 /NDF: 217.6/16

Left Out: 0.148 $\pm$ 0.004 χ^2 /NDF:422.5/14

Right Out: -0.103 $\pm$ 0.008 χ^2 /NDF: 435.5/18

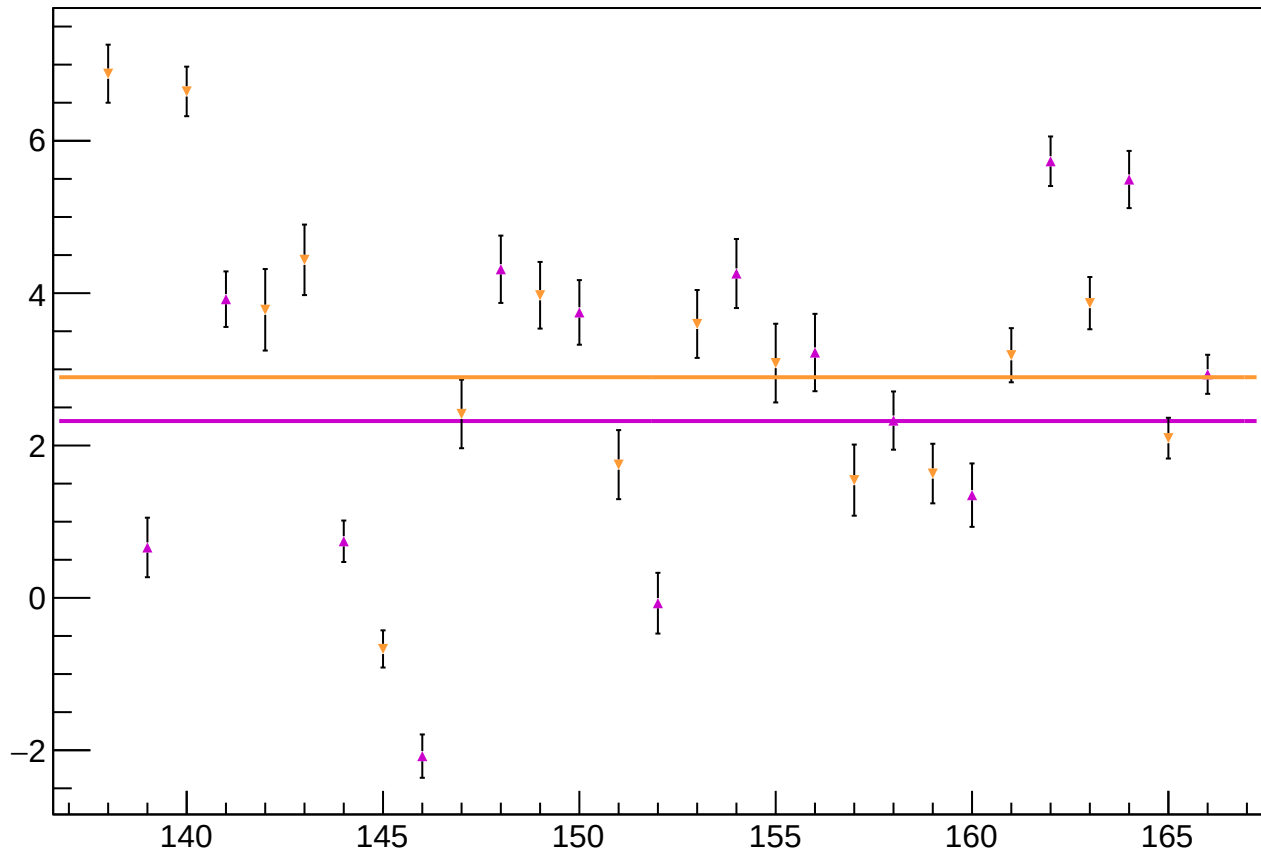
Left In: 0.151 $\pm$ 0.004 χ^2 /NDF:511.8/13

+ sign 0.113 $\pm$ 0.003 χ^2 /NDF: 1148.4/31

All: 0.111 $\pm$ 0.002 χ^2 /NDF: 2852.4/64

- sign 0.108 $\pm$ 0.003 χ^2 /NDF: 1703.1/32

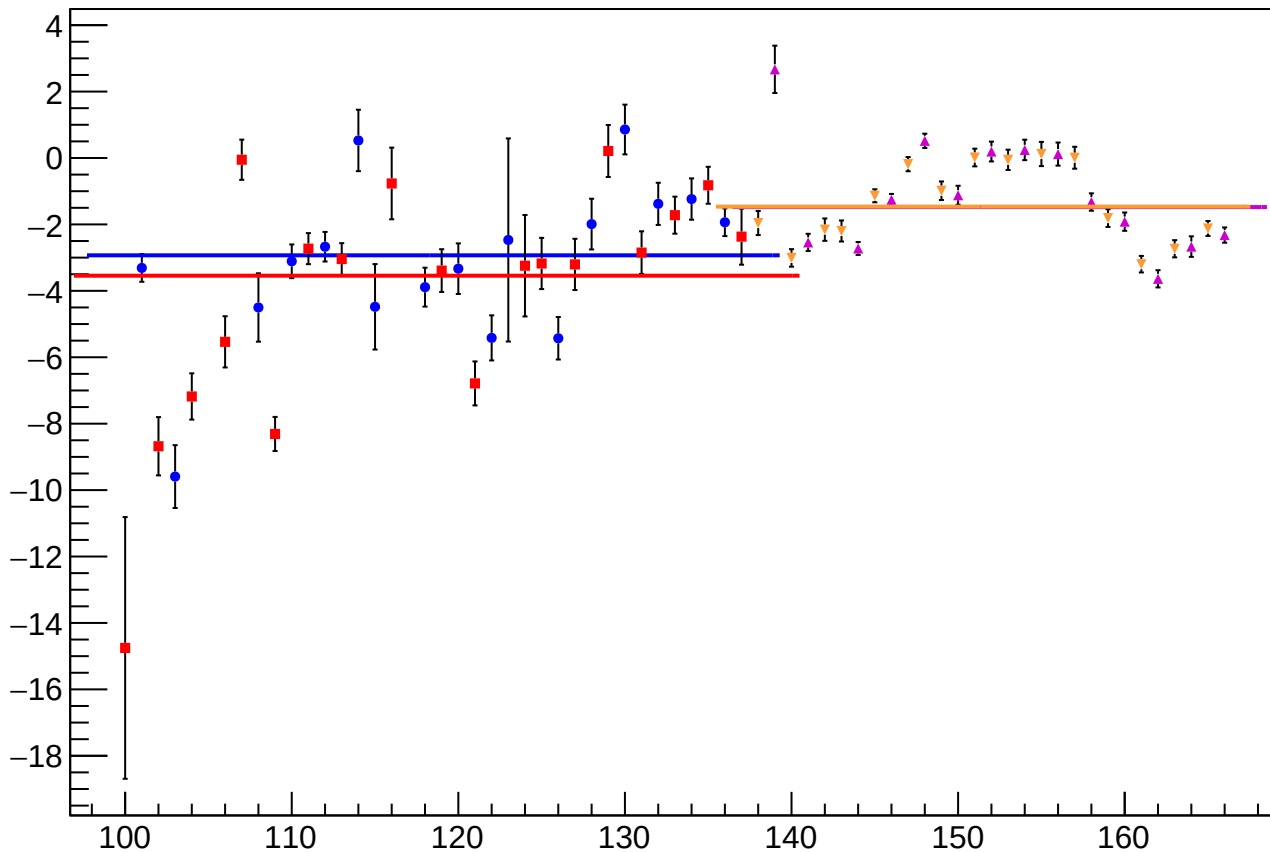
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



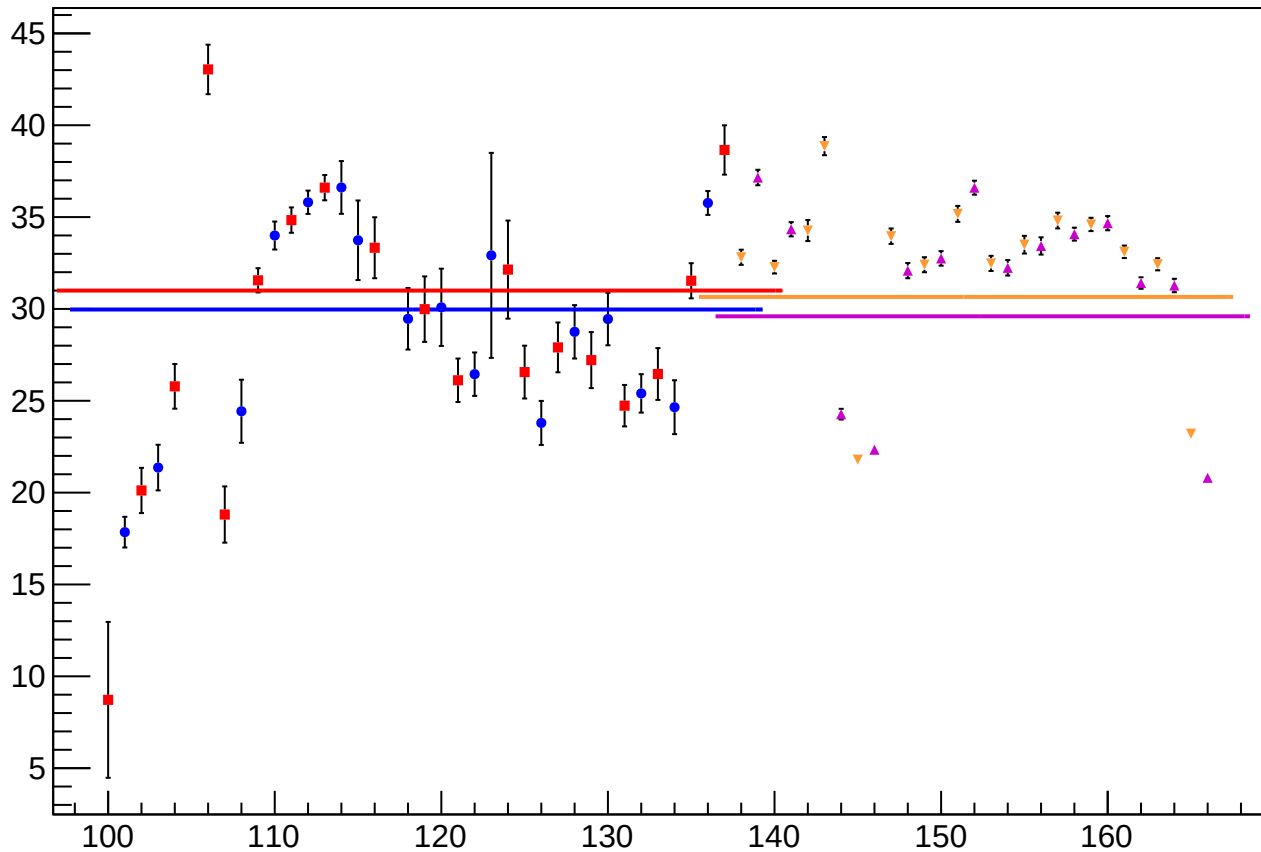
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.897 $\pm$ 0.097 χ^2 /NDF:522.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.321 $\pm$ 0.095 χ^2 /NDF:591.4/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.604 $\pm$ 0.068 χ^2 /NDF: 1132.1/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



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: 30.654 $\pm$ 0.096 χ^2 /NDF: 2850.4/14

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

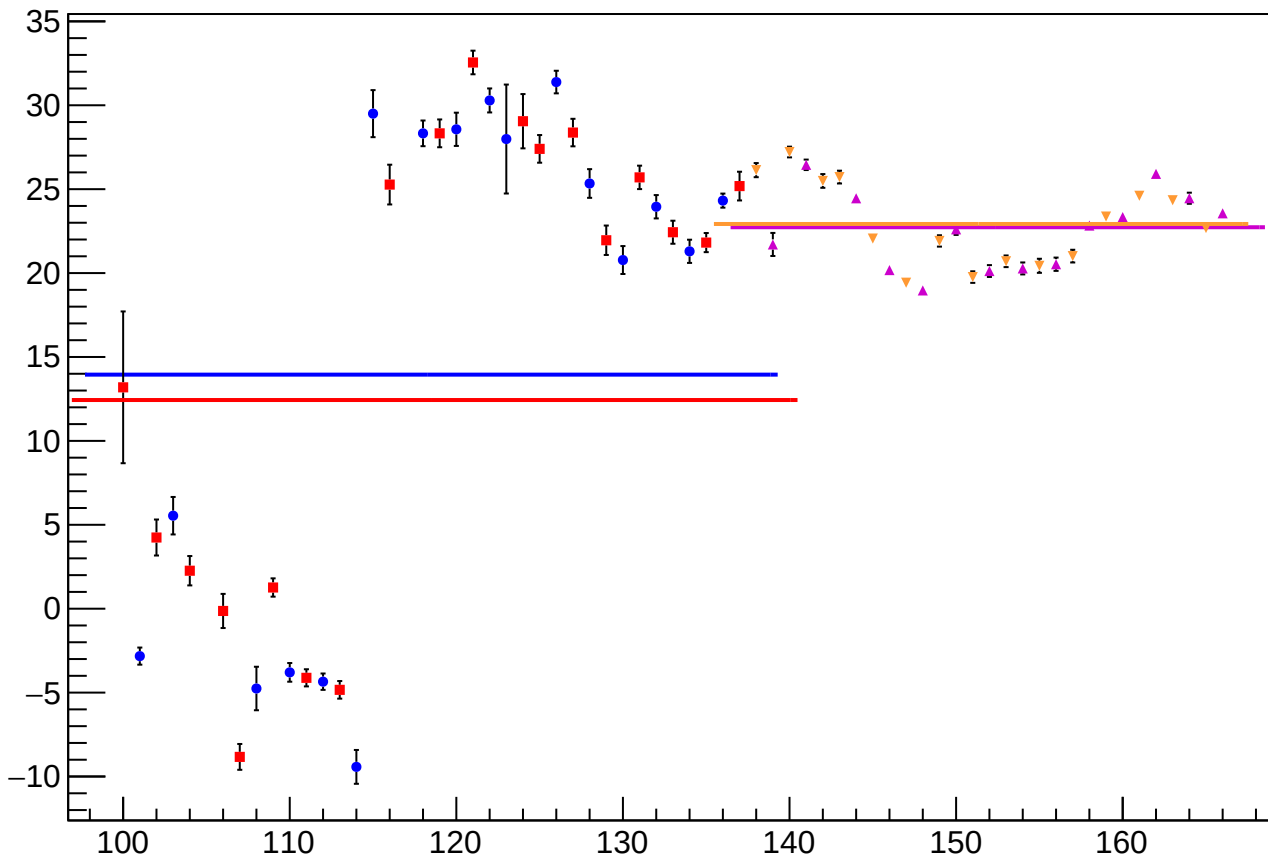
Left In: 29.598 $\pm$ 0.094 χ^2 /NDF: 3578.2/13

+ sign 30.575 $\pm$ 0.090 χ^2 /NDF: 3410.5/31

All: 30.157 $\pm$ 0.063 χ^2 /NDF: 7535.7/64

- sign 29.759 $\pm$ 0.088 χ^2 /NDF: 4083.4/32

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: 22.926 $\pm$ 0.080 χ^2 /NDF: 752.3/14

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

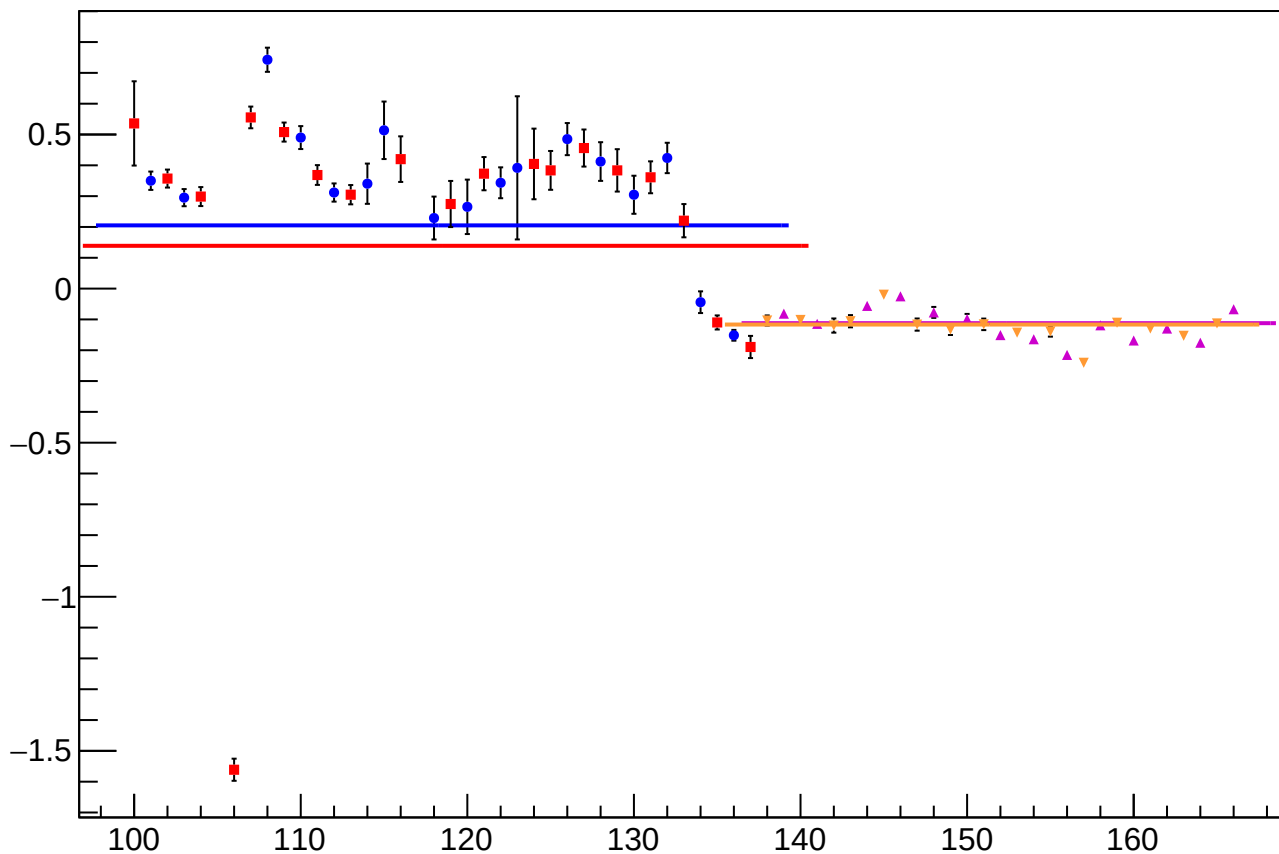
Left In: 22.731 $\pm$ 0.080 χ^2 /NDF: 807.0/13

+ sign 21.319 $\pm$ 0.073 χ^2 /NDF: 10382.1/31

All: 21.131 $\pm$ 0.051 χ^2 /NDF: 21070.3/64

- sign 20.945 $\pm$ 0.072 χ^2 /NDF: 10674.8/32

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.2/16

Left Out: -0.117 $\pm$ 0.004 χ^2 /NDF: 180.7/14

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

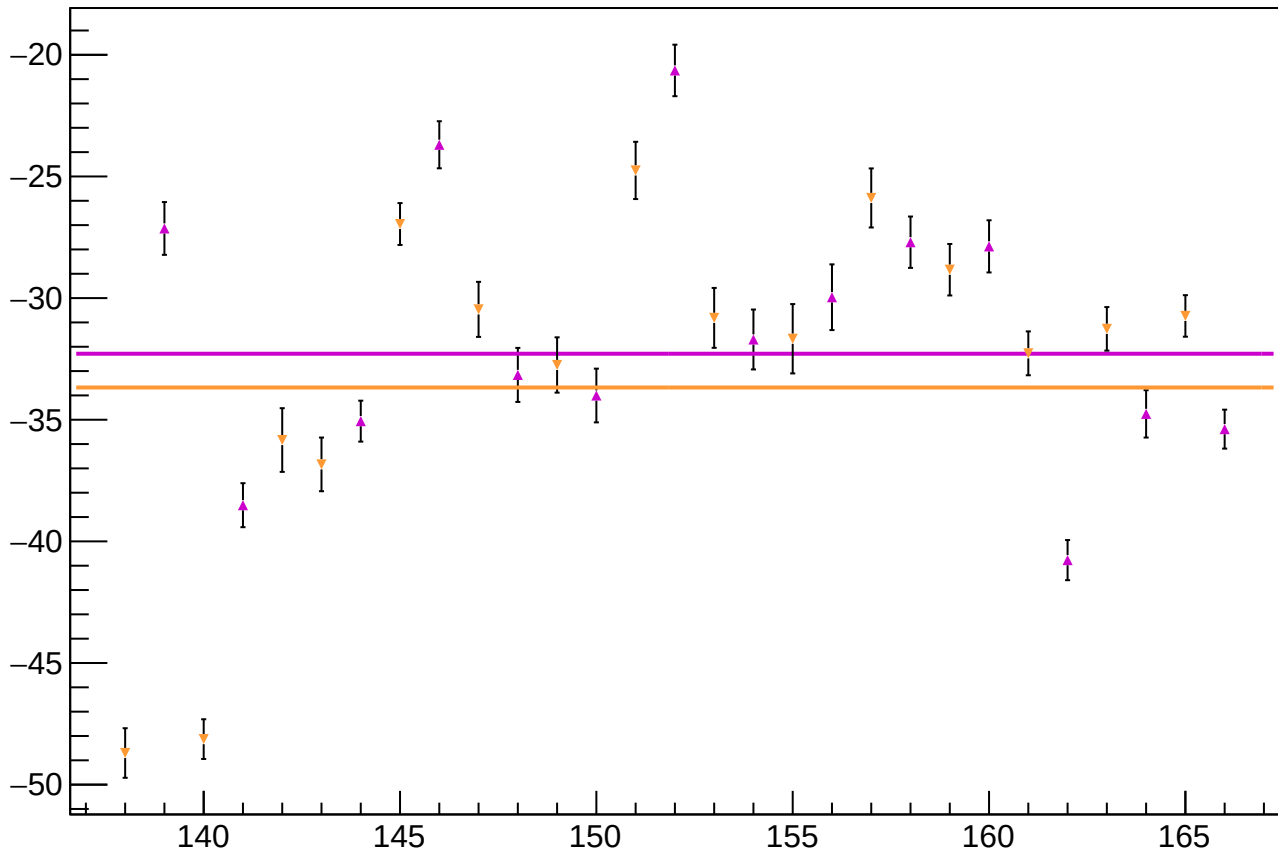
Left In: -0.112 $\pm$ 0.004 χ^2 /NDF: 190.1/13

+ sign -0.072 $\pm$ 0.003 χ^2 /NDF: 2043.6/31

All: -0.074 $\pm$ 0.002 χ^2 /NDF: 5889.9/64

- sign -0.076 $\pm$ 0.003 χ^2 /NDF: 3845.5/32

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -33.675+/-0.267 χ^2/NDF : 759.8/14

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

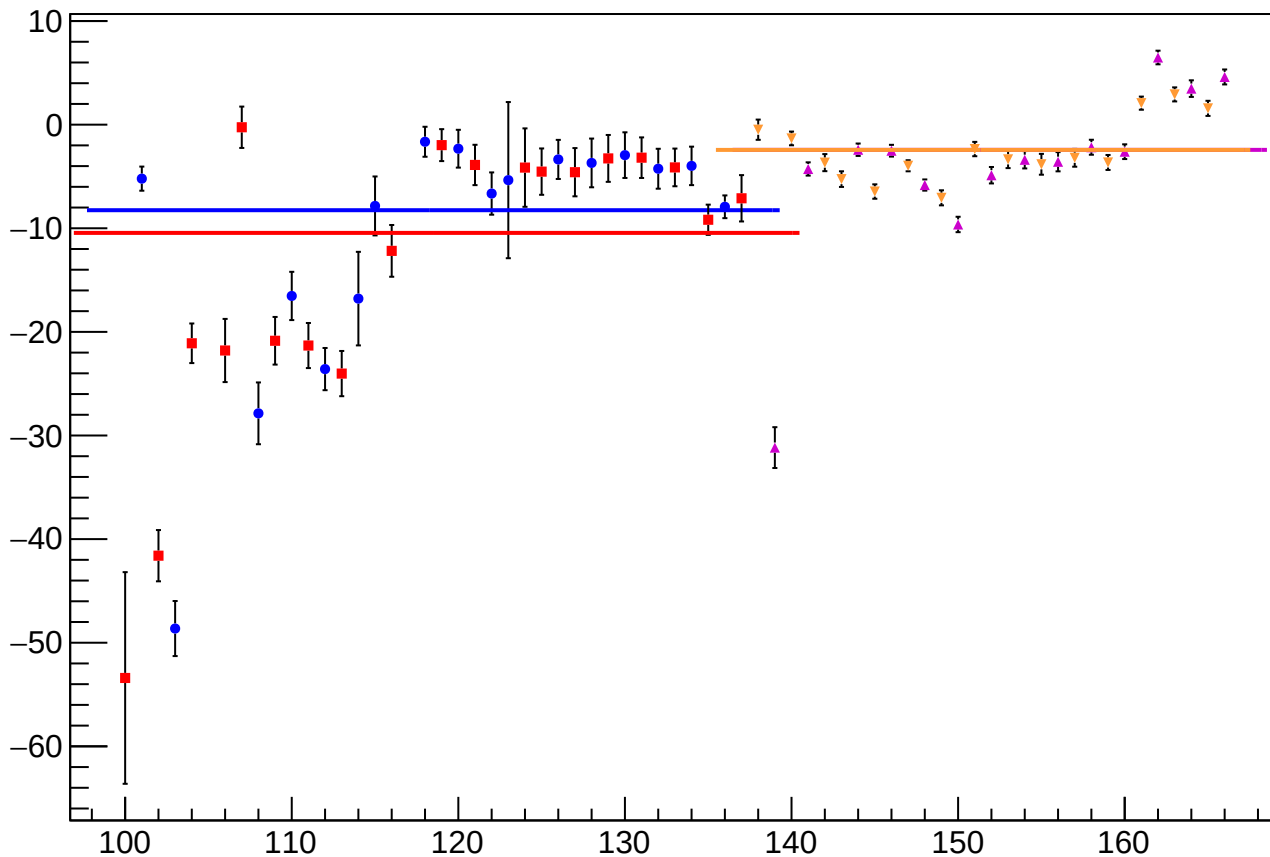
Left In: -32.287+/-0.266 χ^2/NDF : 449.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.979+/-0.188 χ^2/NDF : 1223.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 $\pm$ 0.462 χ^2 /NDF: 412.1/16

Left Out: -2.436 $\pm$ 0.188 χ^2 /NDF: 254.9/14

Right Out: -10.446 $\pm$ 0.491 χ^2 /NDF: 428.4/18

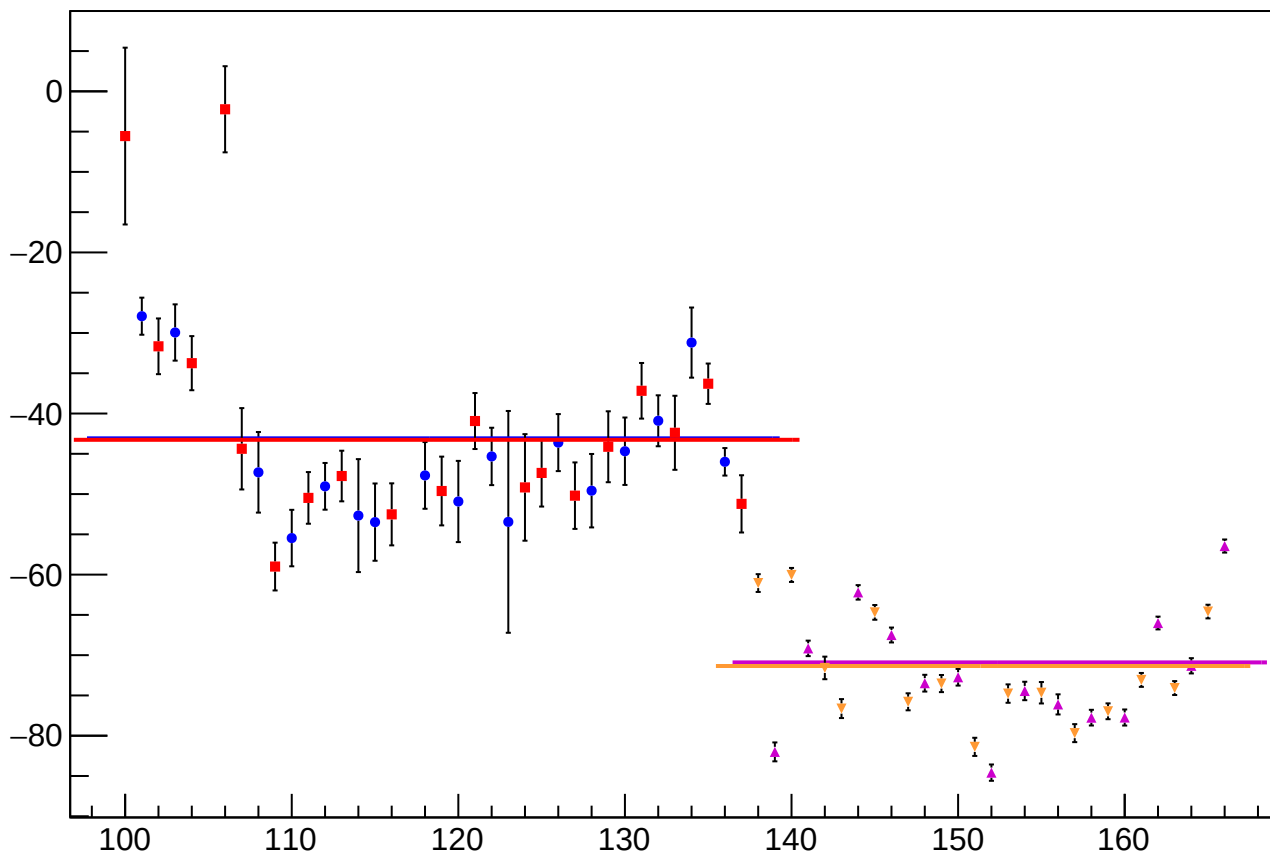
Left In: -2.433 $\pm$ 0.190 χ^2 /NDF: 699.1/13

+ sign -3.263 $\pm$ 0.174 χ^2 /NDF: 803.1/31

All: -3.368 $\pm$ 0.124 χ^2 /NDF: 2162.9/64

- sign -3.477 $\pm$ 0.177 χ^2 /NDF: 1359.0/32

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 χ^2/NDF : 99.2/16

Left Out: -71.345 ± 0.264 χ^2/NDF : 611.7/14

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

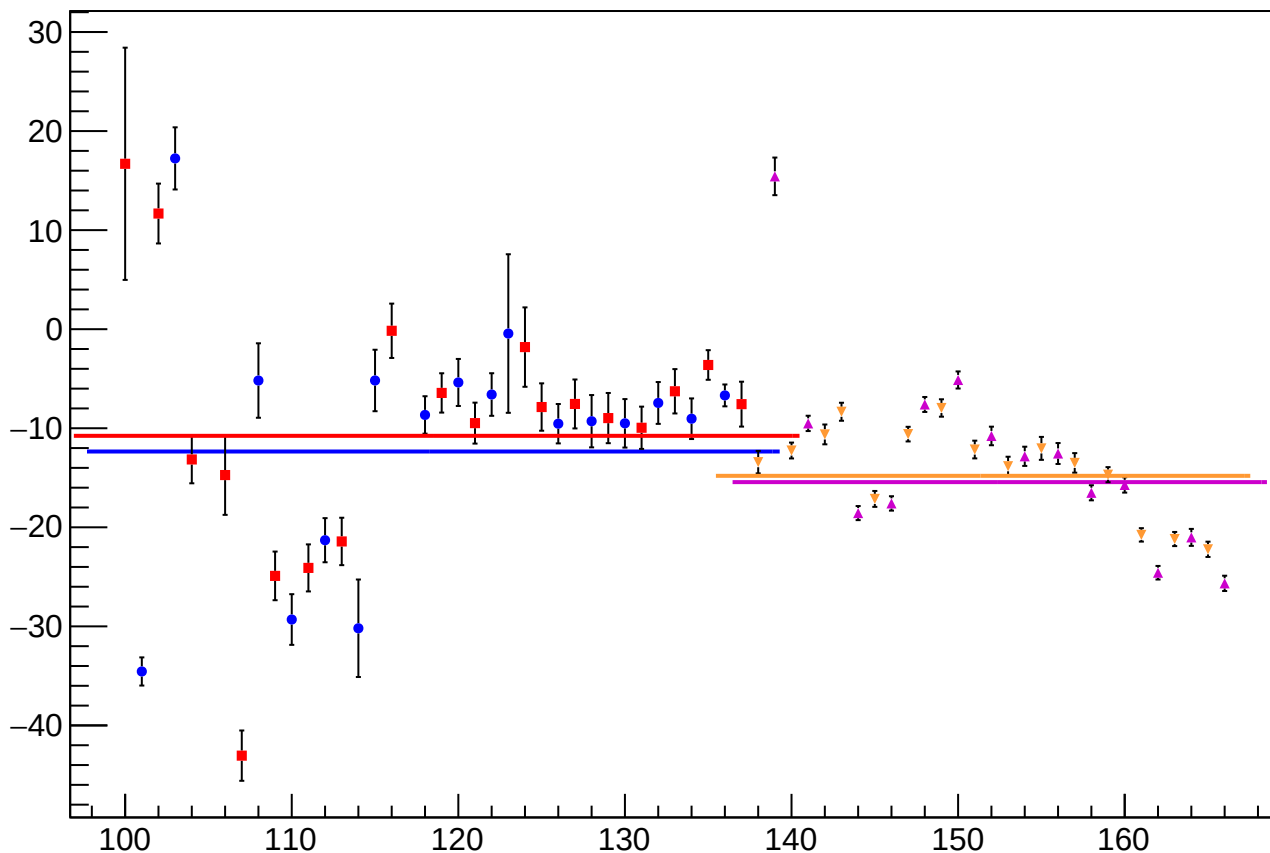
Left In: -70.899 ± 0.261 χ^2/NDF : 867.9/13

+ sign -68.778 ± 0.251 χ^2/NDF : 1754.4/31

All: -68.690 ± 0.177 χ^2/NDF : 3709.7/64

- sign -68.604 ± 0.250 χ^2/NDF : 1955.0/32

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348 ± 0.520 χ^2/NDF : 475.9/16

Left Out: -14.803 ± 0.219 χ^2/NDF : 448.4/14

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

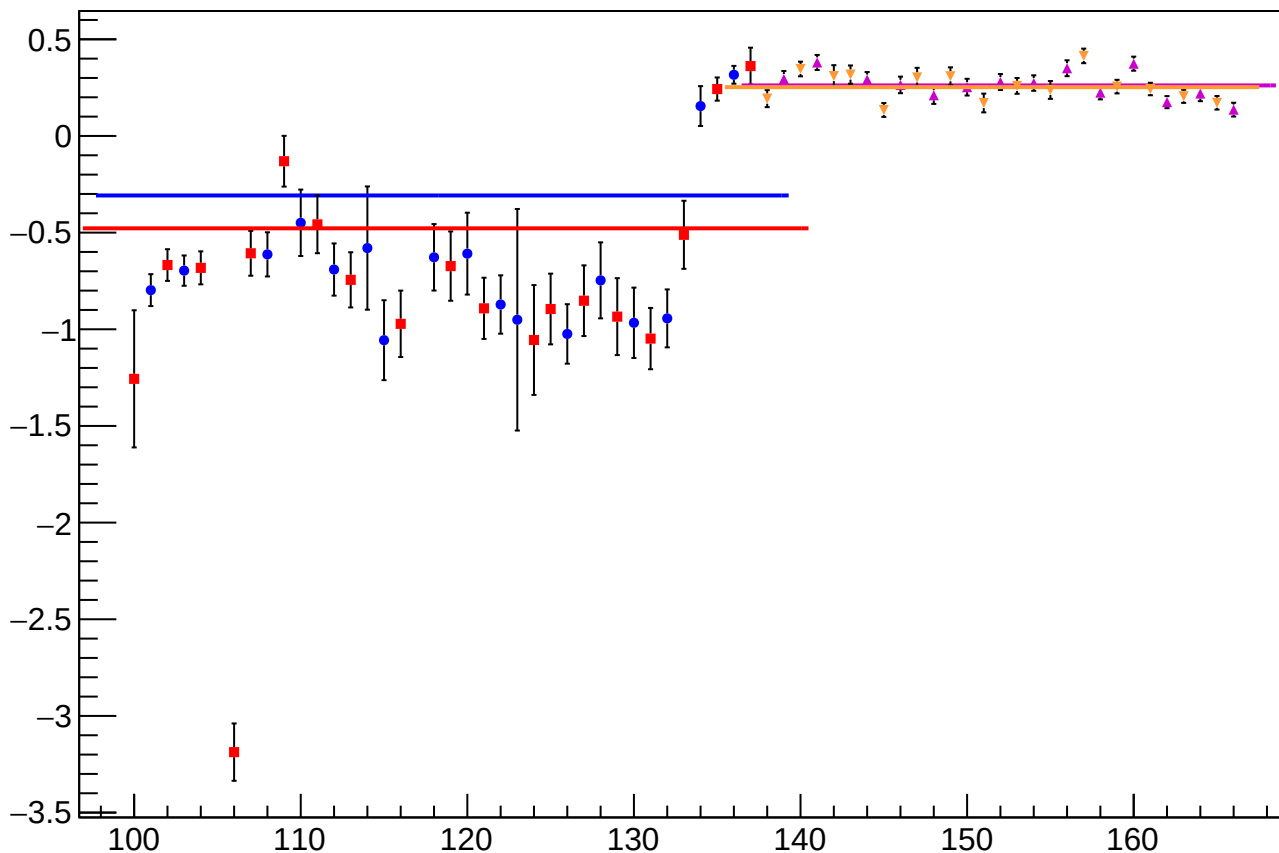
Left In: -15.439 ± 0.221 χ^2/NDF : 1038.1/13

+ sign -14.433 ± 0.202 χ^2/NDF : 943.3/31

All: -14.613 ± 0.144 χ^2/NDF : 2411.2/64

- sign -14.799 ± 0.205 χ^2/NDF : 1466.3/32

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.252 ± 0.010 χ^2/NDF : 52.9/14

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

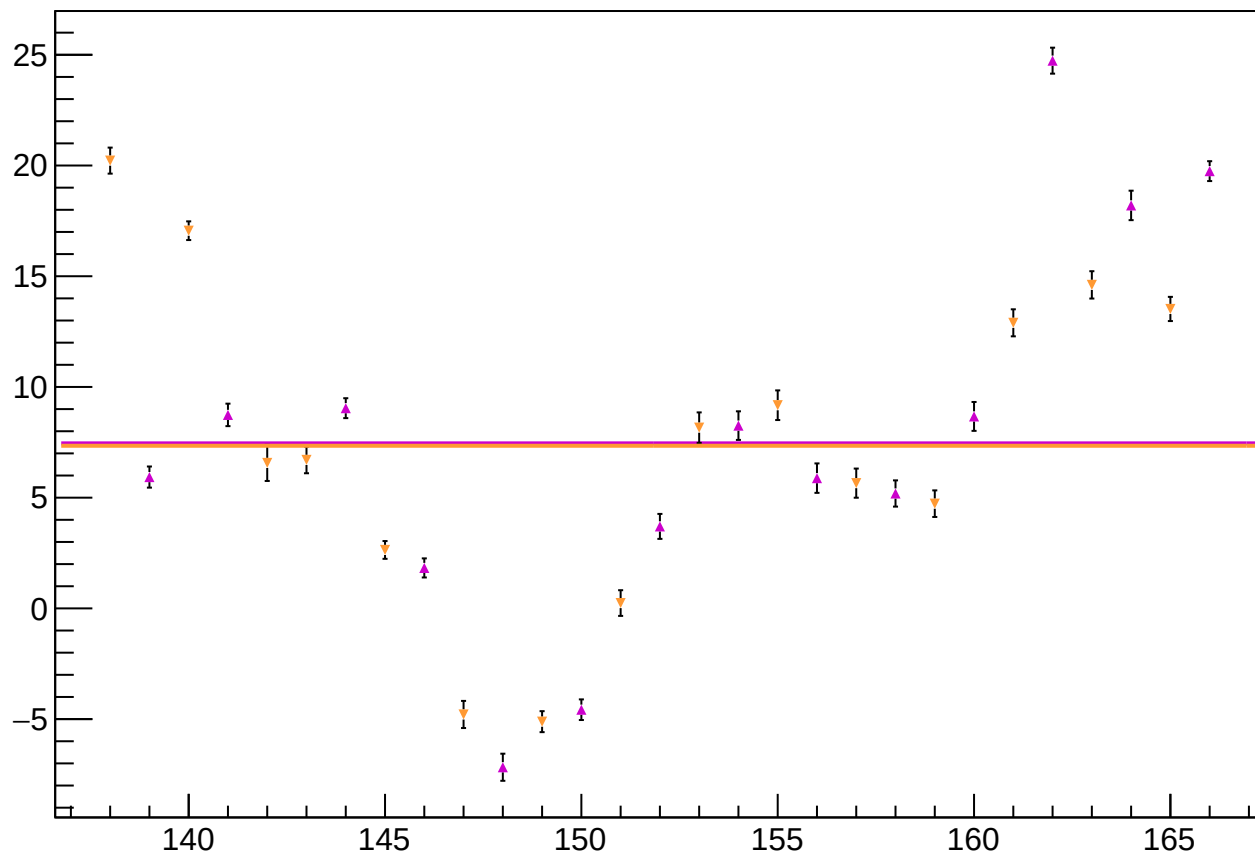
Left In: 0.261 ± 0.010 χ^2/NDF : 48.5/13

+ sign 0.182 ± 0.010 χ^2/NDF : 788.3/31

All: 0.179 ± 0.007 χ^2/NDF : 2061.2/64

- sign 0.175 ± 0.010 χ^2/NDF : 1272.6/32

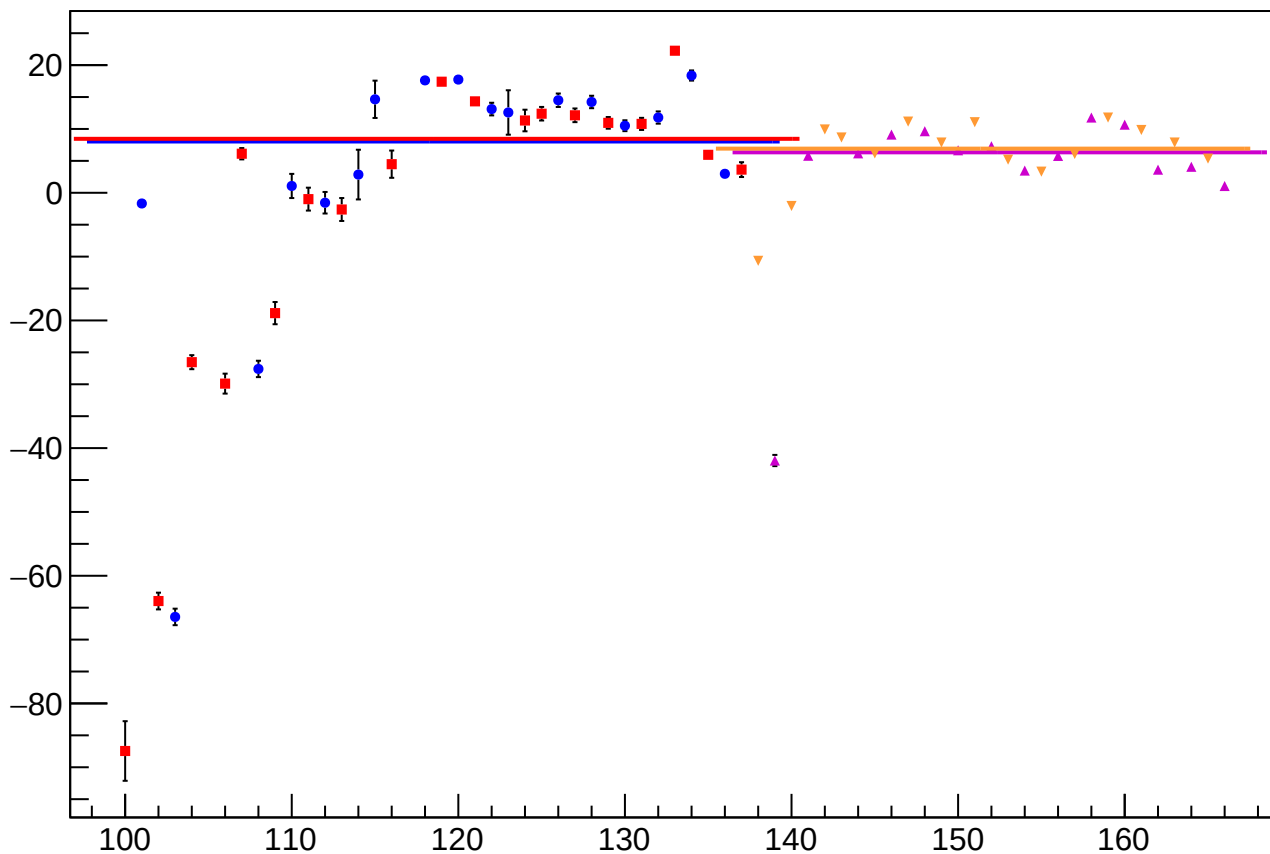
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.345+/-0.146 χ^2/NDF :2766.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.452+/-0.143 χ^2/NDF :3385.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.400+/-0.102 χ^2/NDF : 6152.8/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 $\pm$ 0.215 χ^2 /NDF: 5369.4/16

Left Out: 6.918 $\pm$ 0.103 χ^2 /NDF: 2223.2/14

Right Out: 8.454 $\pm$ 0.213 χ^2 /NDF: 6704.4/18

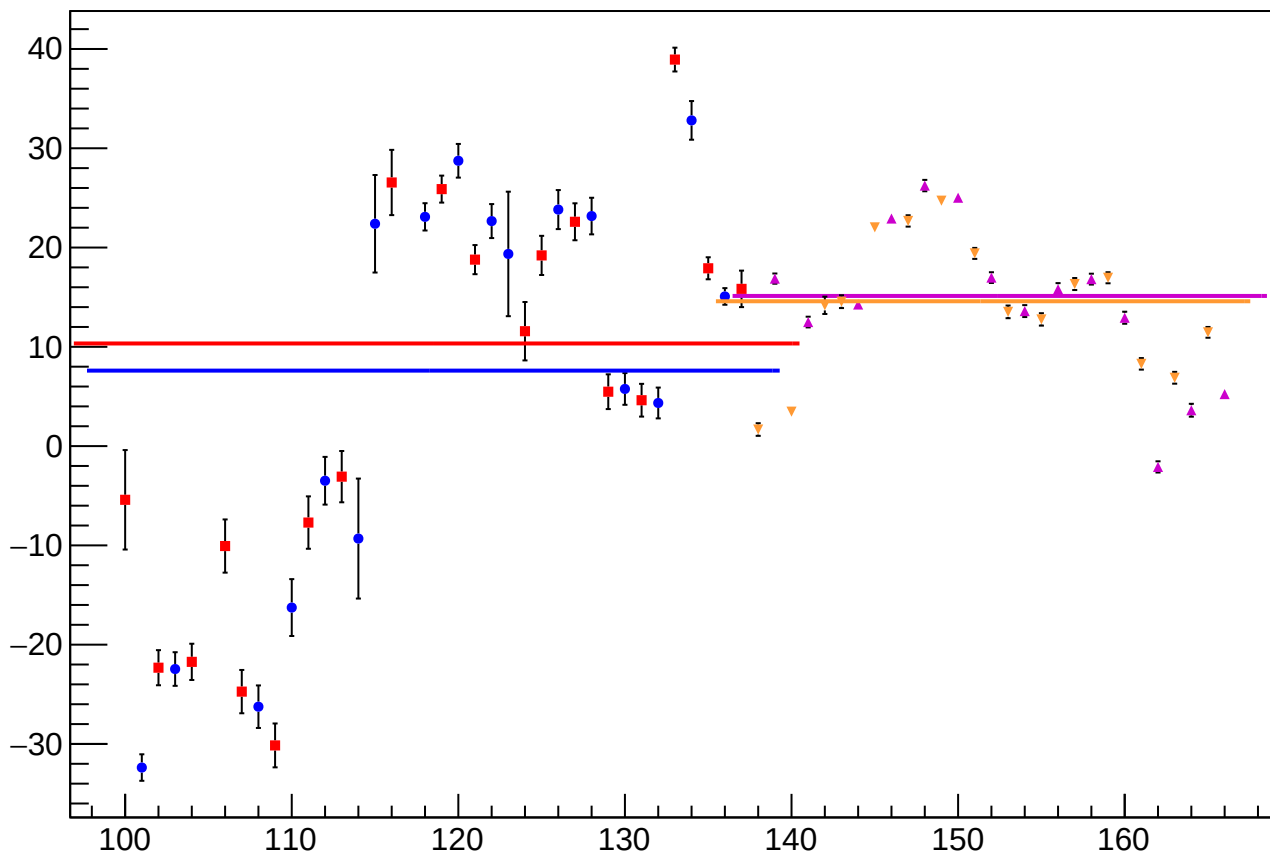
Left In: 6.336 $\pm$ 0.104 χ^2 /NDF: 3783.5/13

+ sign 7.126 $\pm$ 0.093 χ^2 /NDF: 7614.6/31

All: 6.934 $\pm$ 0.066 χ^2 /NDF: 18190.9/64

- sign 6.740 $\pm$ 0.093 χ^2 /NDF: 10567.7/32

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: 14.589 ± 0.144 χ^2/NDF : 2484.9/14

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

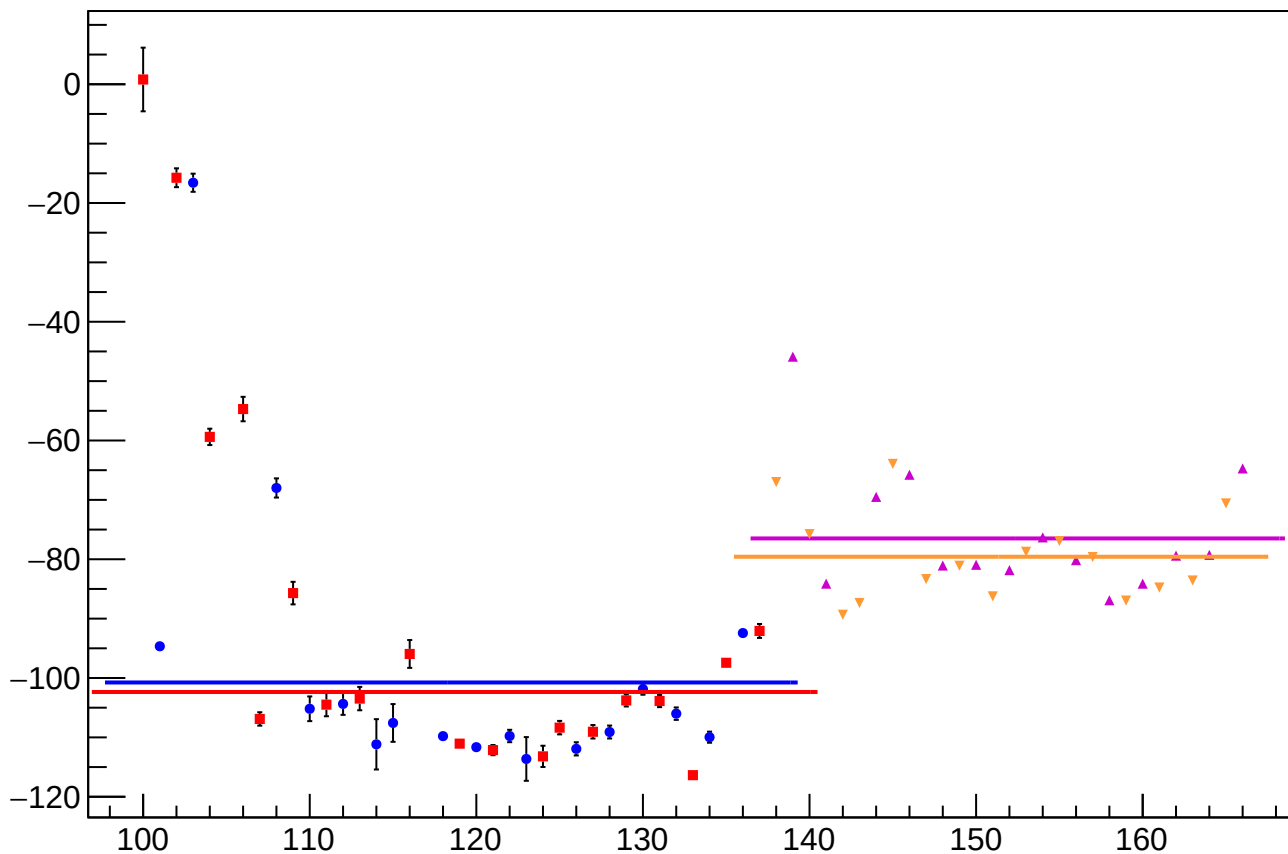
Left In: 15.126 ± 0.140 χ^2/NDF : 3038.2/13

+ sign 13.841 ± 0.136 χ^2/NDF : 5062.0/31

All: 14.249 ± 0.095 χ^2/NDF : 10518.3/64

- sign 14.638 ± 0.133 χ^2/NDF : 5438.7/32

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -79.575 ± 0.121 χ^2/NDF : 3792.2/14

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

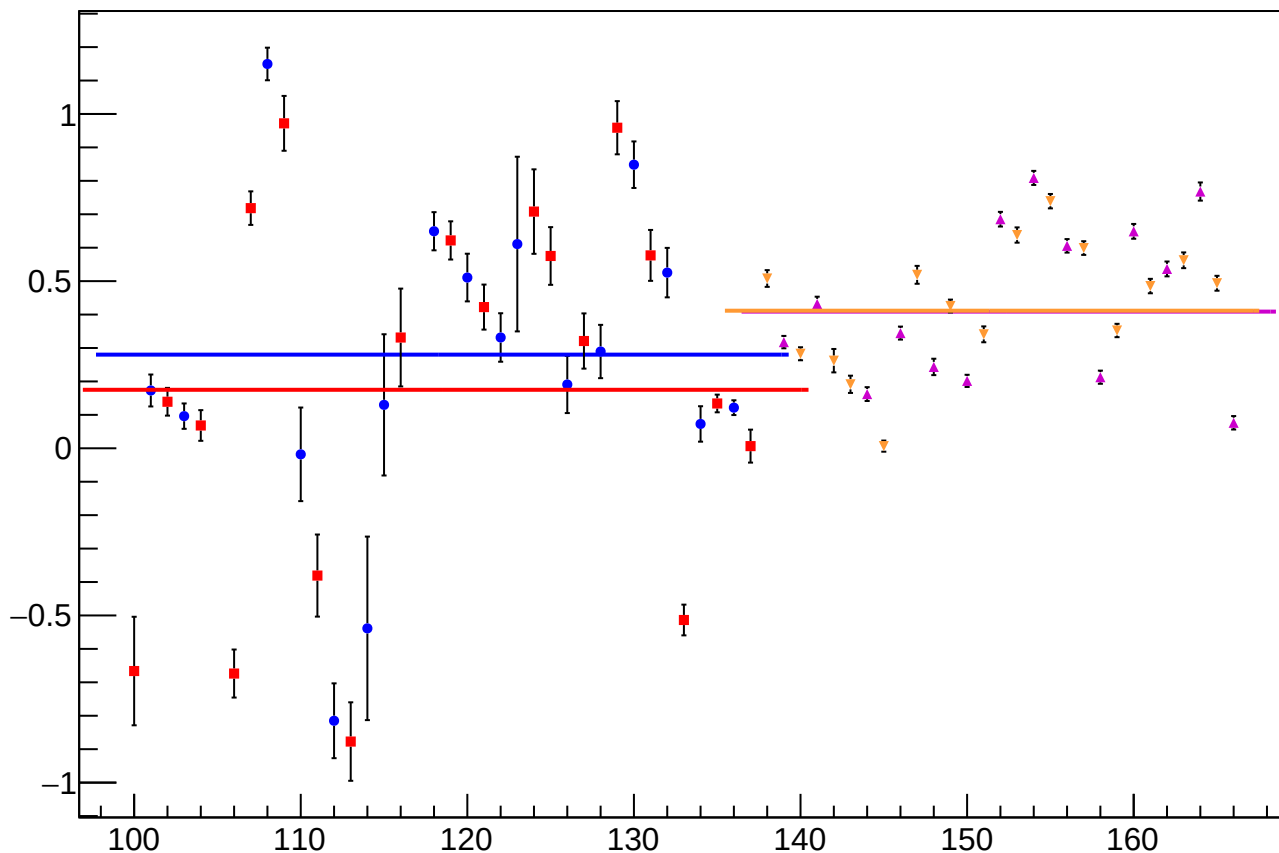
Left In: -76.495 ± 0.120 χ^2/NDF : 4989.9/13

+ sign -83.625 ± 0.108 χ^2/NDF : 14211.9/31

All: -82.552 ± 0.077 χ^2/NDF : 34377.2/64

- sign -81.485 ± 0.108 χ^2/NDF : 19970.0/32

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: 0.412 $\pm$ 0.006 χ^2/NDF :1254.4/14

Right Out: 0.175 $\pm$ 0.013 χ^2/NDF : 966.7/18

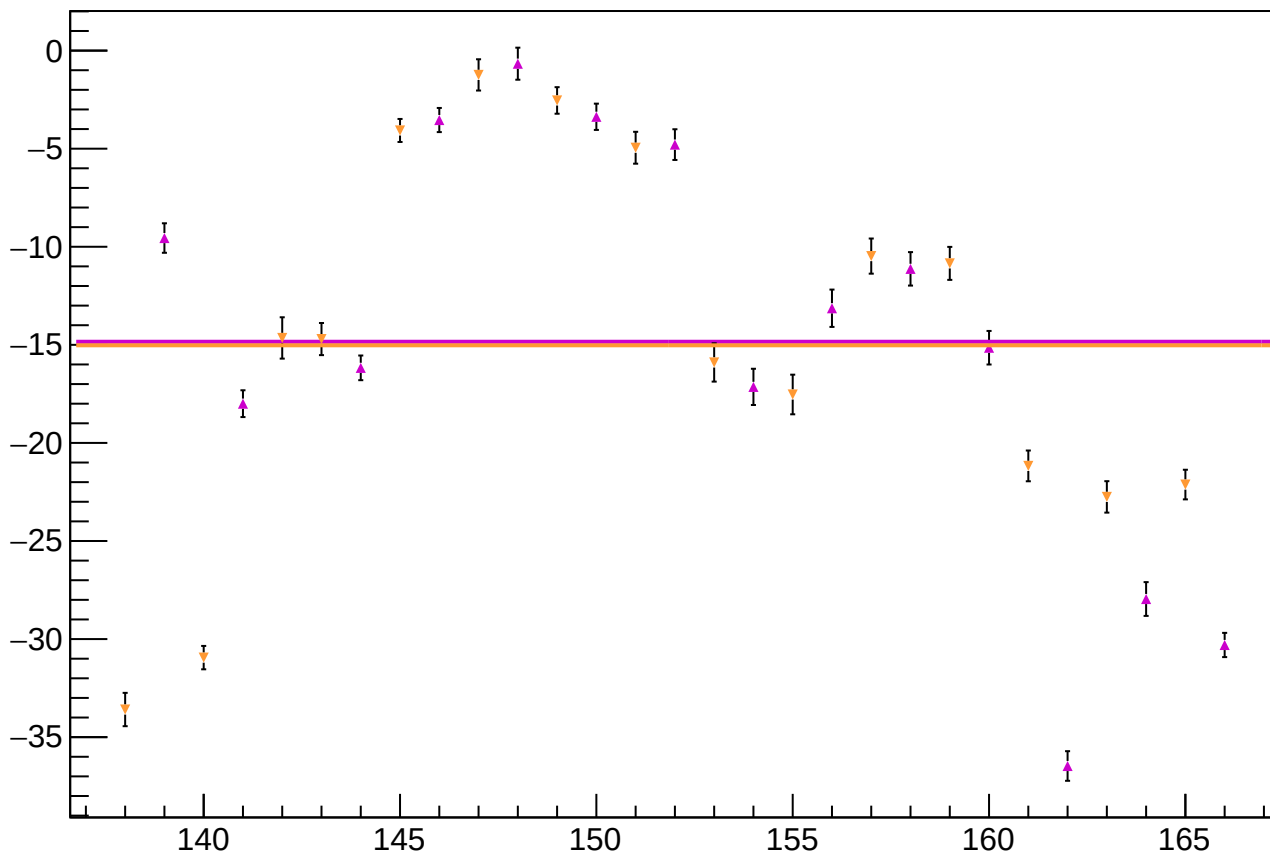
Left In: 0.409 $\pm$ 0.006 χ^2/NDF :1665.1/13

+ sign 0.392 $\pm$ 0.005 χ^2/NDF : 1991.2/31

All: 0.383 $\pm$ 0.004 χ^2/NDF : 4886.6/64

- sign 0.374 $\pm$ 0.005 χ^2/NDF : 2889.8/32

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -15.024+/-0.202 χ^2/NDF : 2633.3/14

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

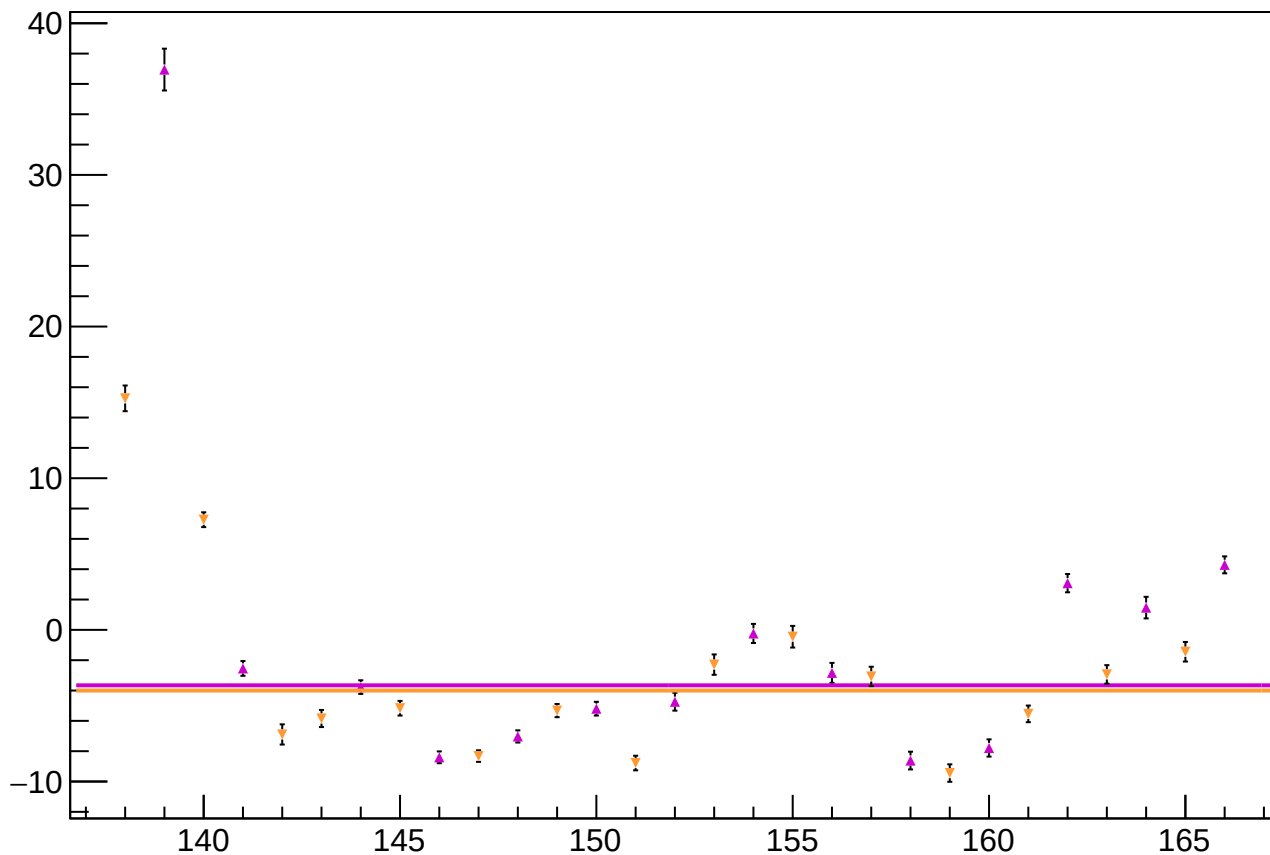
Left In: -14.842+/-0.199 χ^2/NDF : 2879.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.932+/-0.142 χ^2/NDF : 5512.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

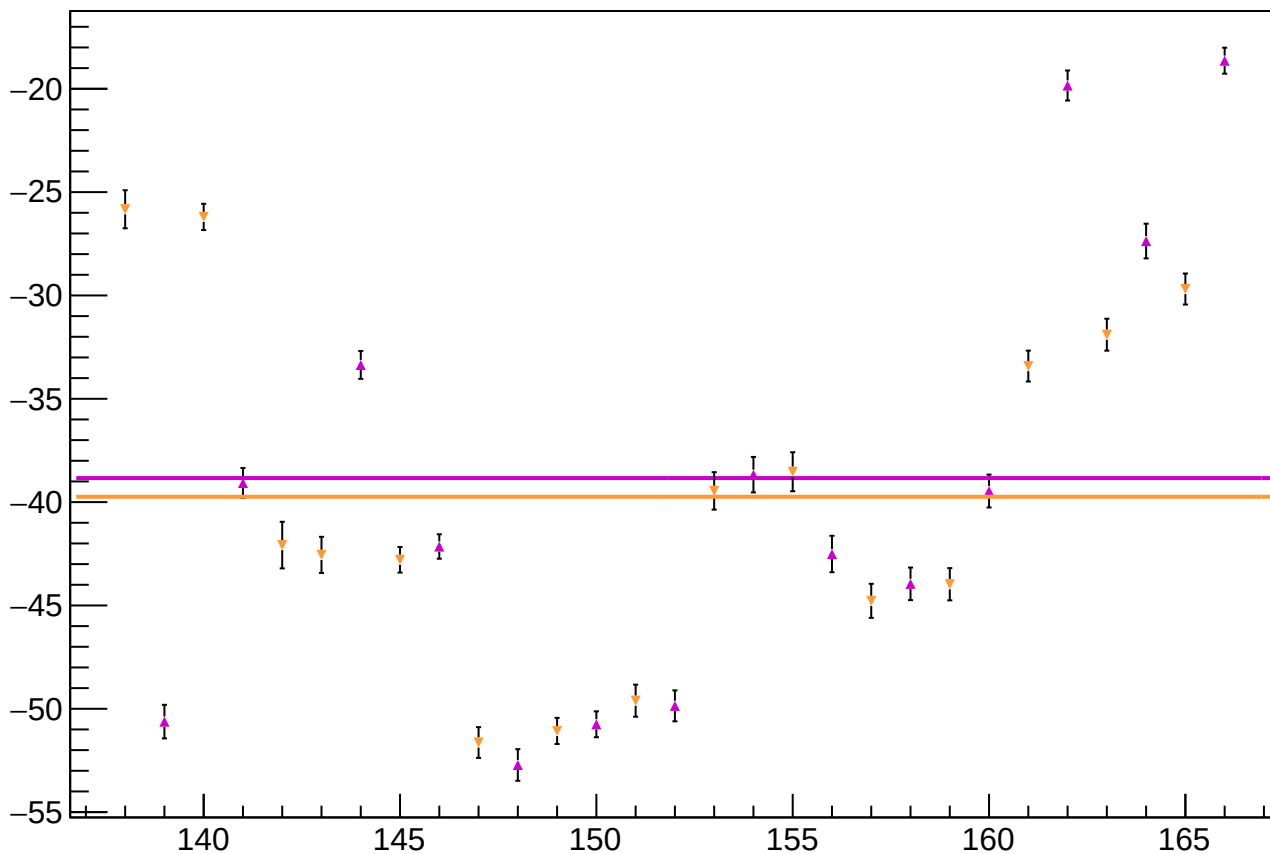
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.001 $\pm$ 0.142 χ^2 /NDF:1469.1/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.656 $\pm$ 0.143 χ^2 /NDF:1640.1/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -3.830 $\pm$ 0.101 χ^2 /NDF: 3112.2/28
 - 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: -39.740 ± 0.200 χ^2/NDF : 1881.5/14

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

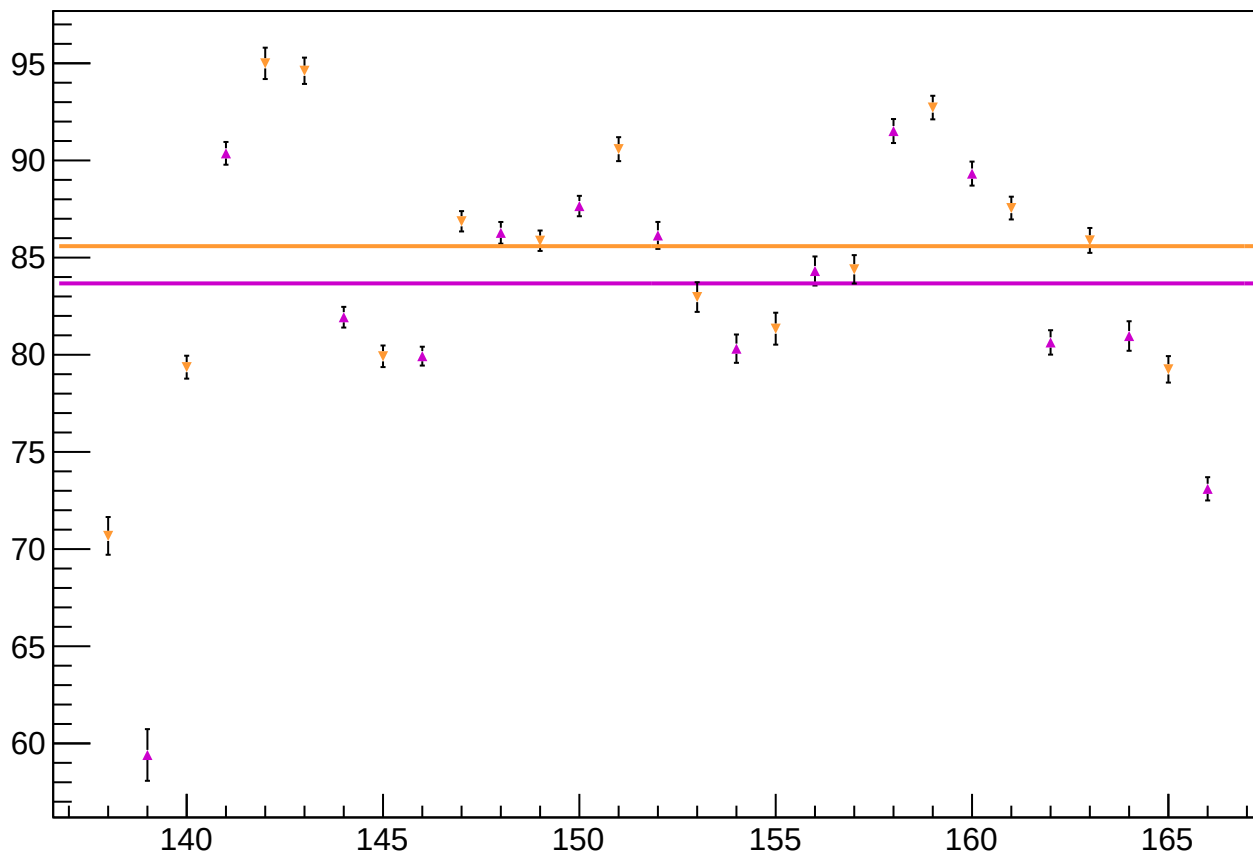
Left In: -38.835 ± 0.195 χ^2/NDF : 3174.2/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.277 ± 0.140 χ^2/NDF : 5066.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 85.589+/-0.166 χ^2/NDF :1114.1/14

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

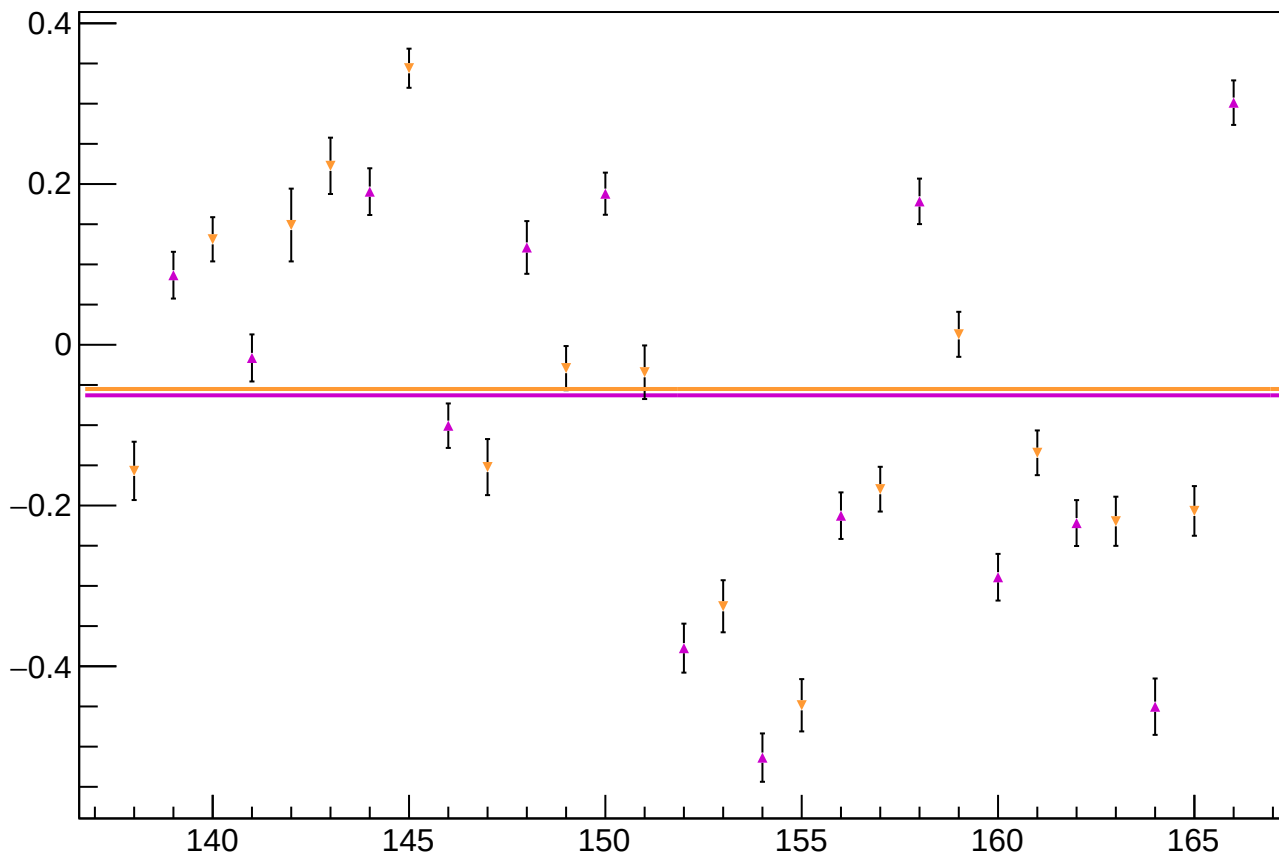
Left In: 83.673+/-0.166 χ^2/NDF :1240.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.630+/-0.118 χ^2/NDF : 2420.7/28

- 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: -0.055+/-0.008 χ^2/NDF : 717.7/14

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

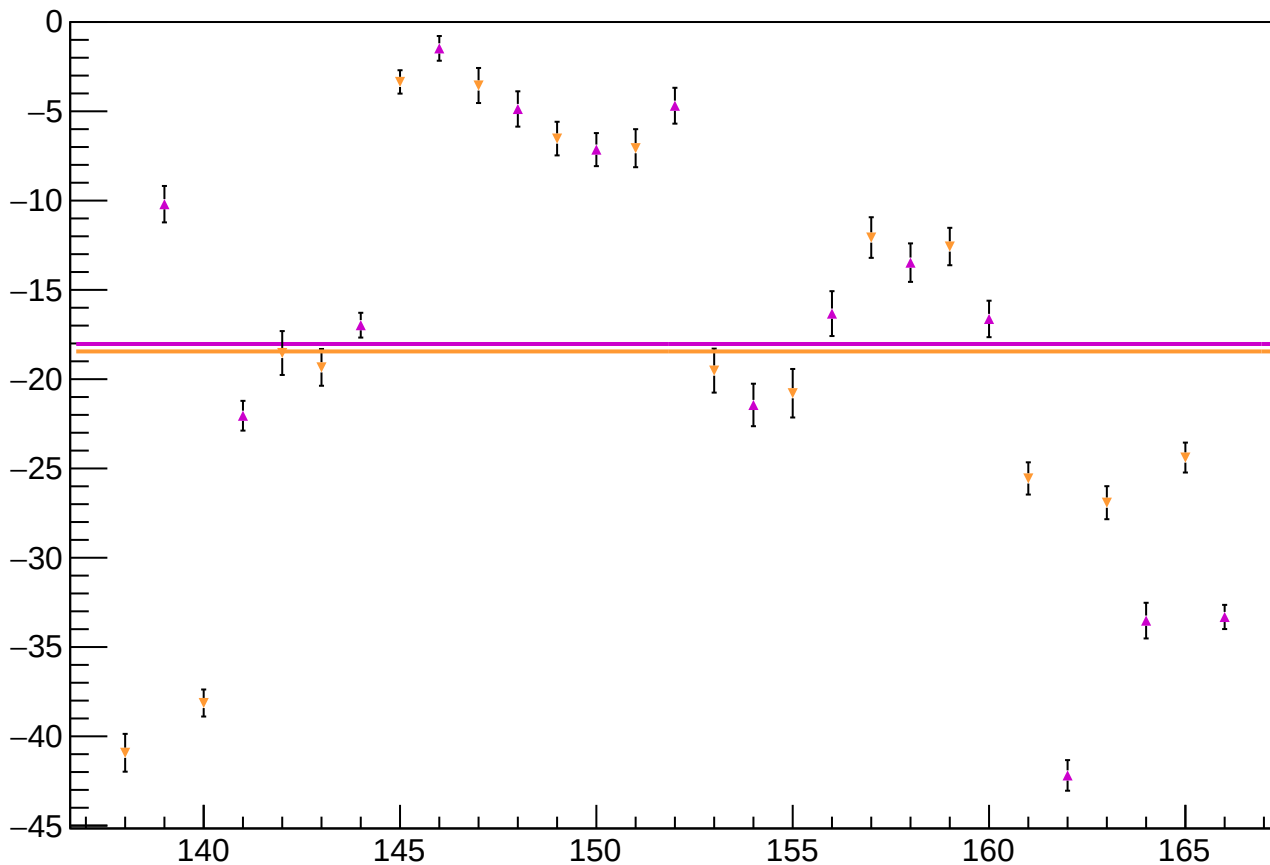
Left In: -0.063+/-0.008 χ^2/NDF : 1046.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.059+/-0.006 χ^2/NDF : 1764.8/28

- 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: -18.447+/-0.247 χ^2/NDF : 2426.8/14

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

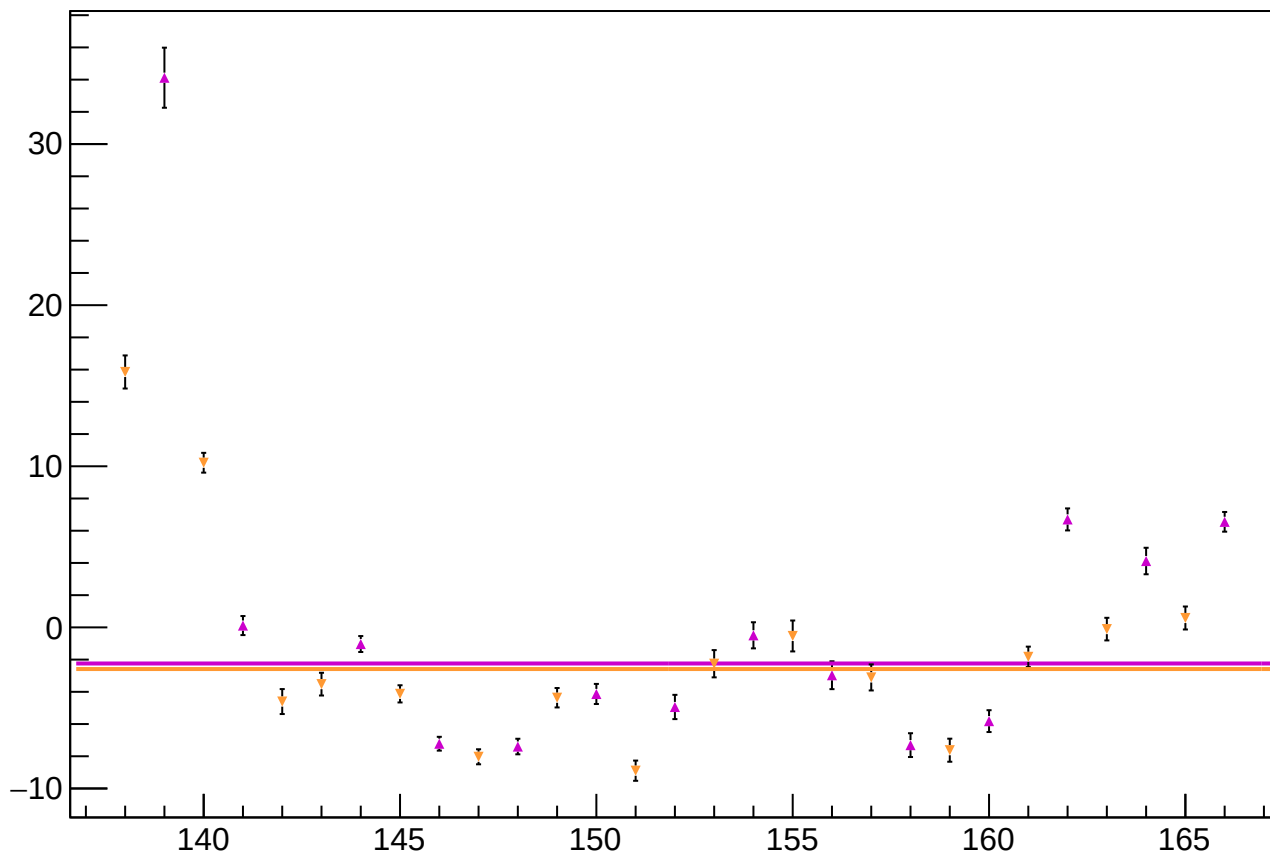
Left In: -18.030+/-0.239 χ^2/NDF : 2722.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.232+/-0.172 χ^2/NDF : 5151.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

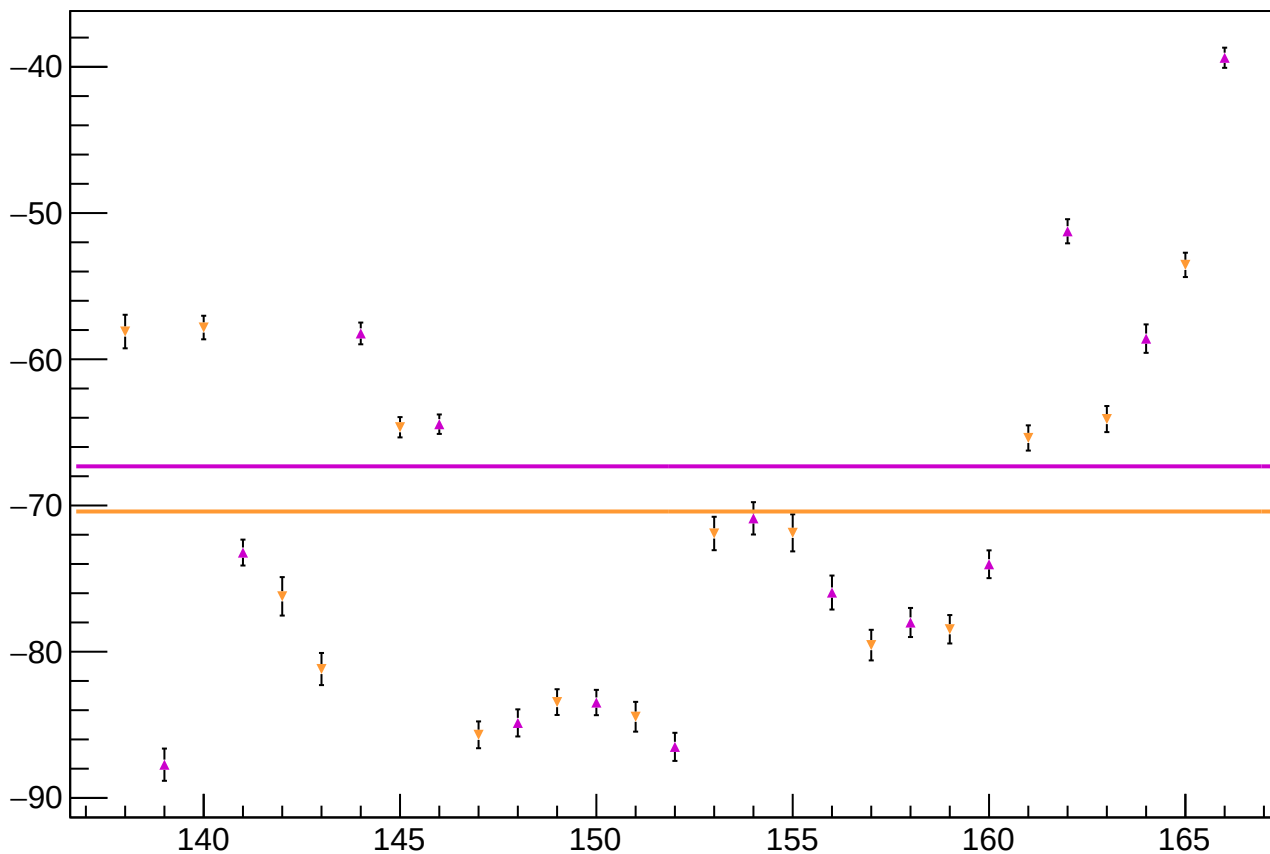
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.586+/-0.174 χ^2/NDF :1107.9/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.241+/-0.170 χ^2/NDF :1191.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.410+/-0.122 χ^2/NDF : 2300.9/28
 - 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: -70.411+/-0.245 χ^2/NDF : 1872.6/14

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

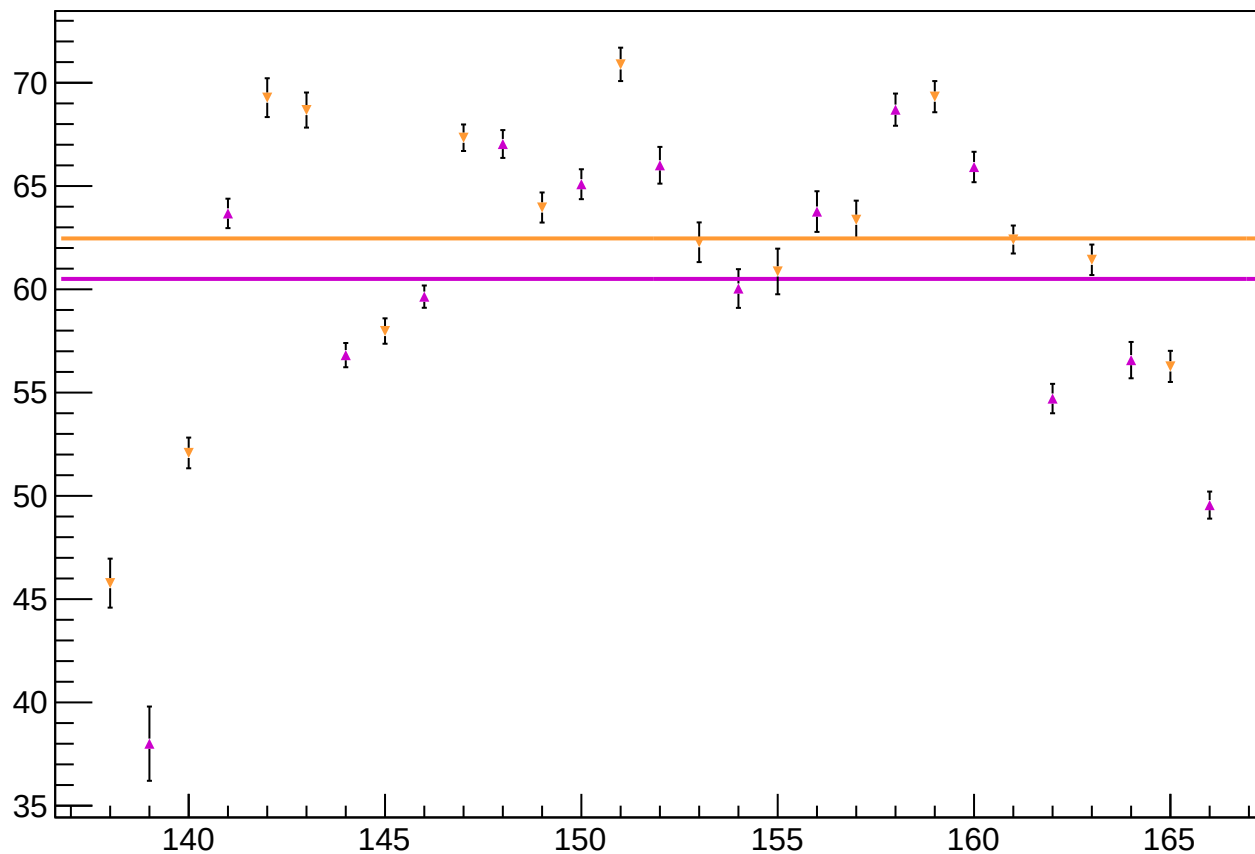
Left In: -67.323+/-0.235 χ^2/NDF : 3992.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.803+/-0.170 χ^2/NDF : 5947.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 62.463+/-0.204 χ^2/NDF : 878.6/14

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

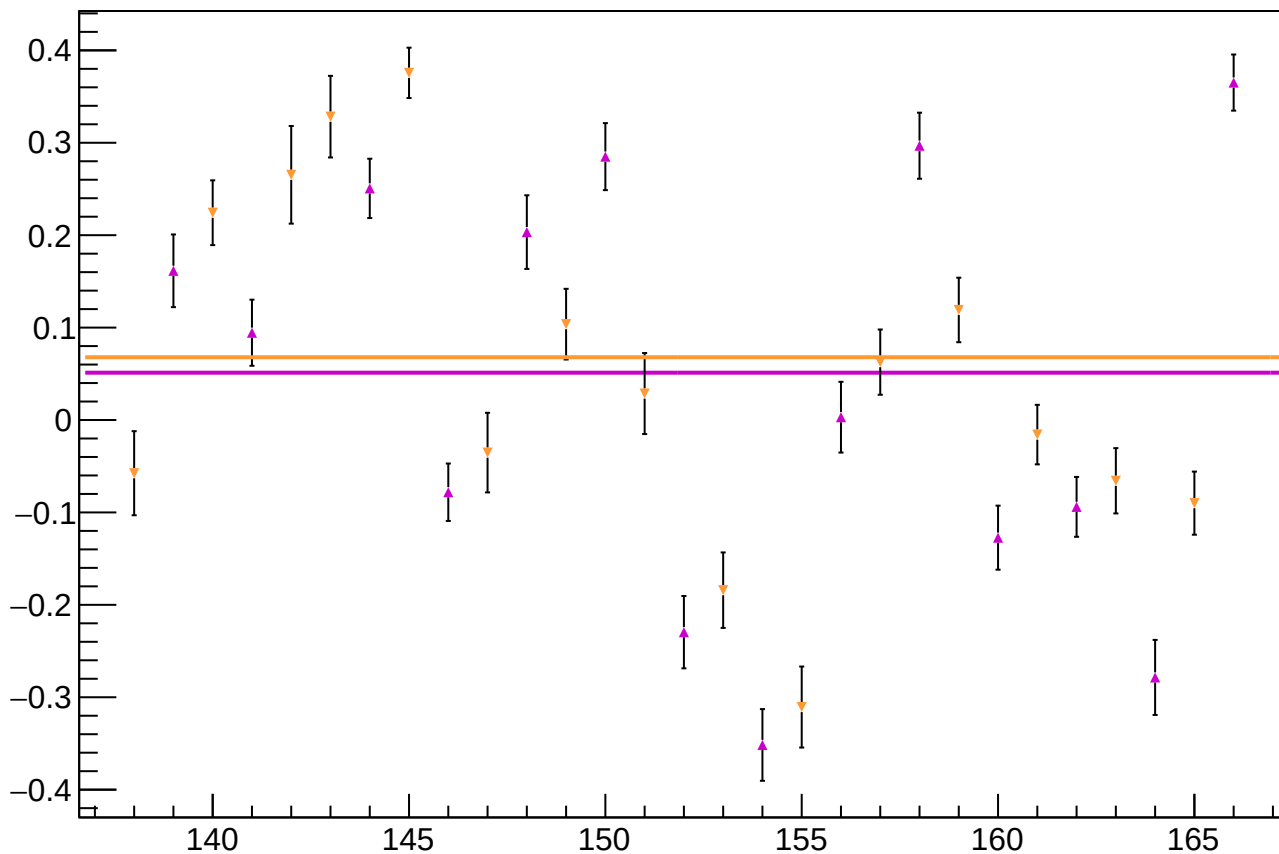
Left In: 60.503+/-0.199 χ^2/NDF : 932.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.461+/-0.142 χ^2/NDF : 1858.3/28

- 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: 0.068 $\pm$ 0.010 χ^2 /NDF:368.5/14

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

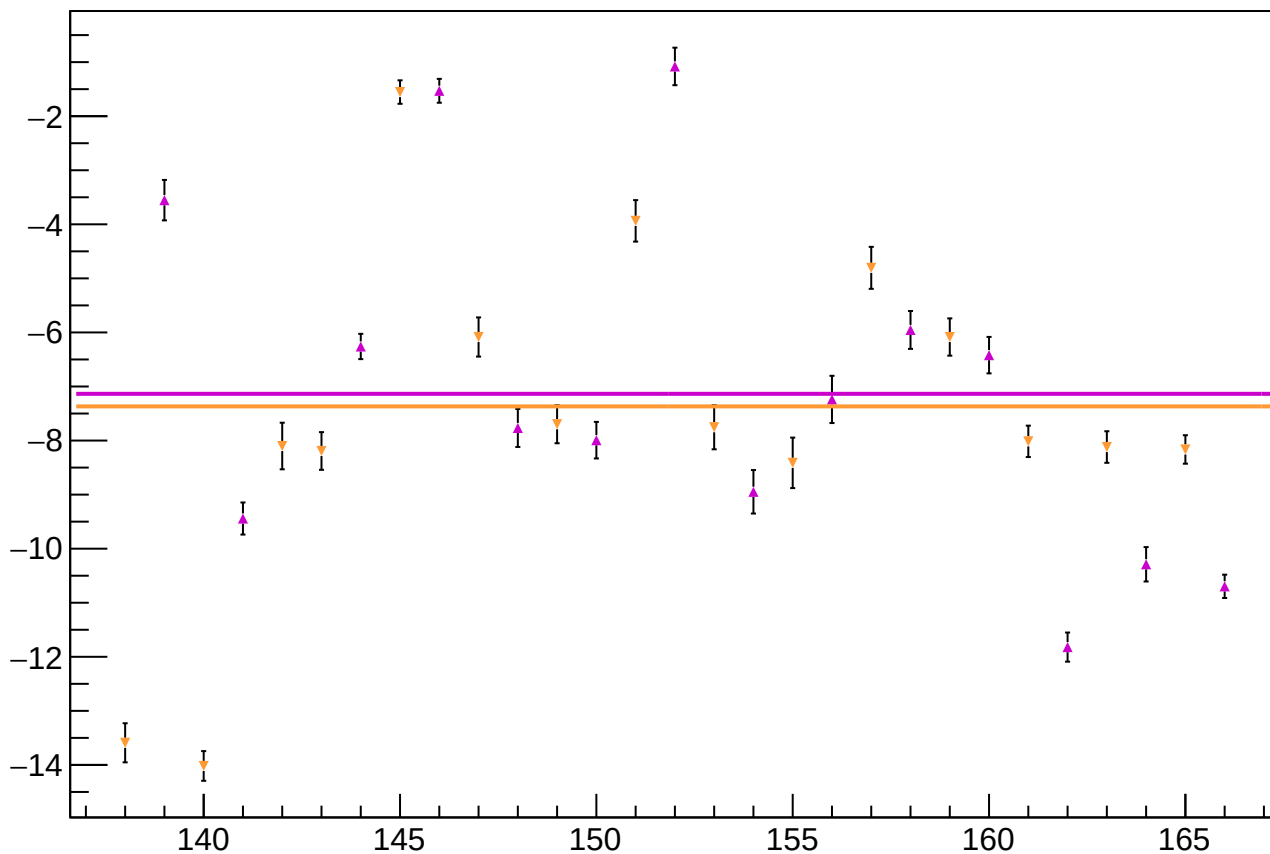
Left In: 0.051 $\pm$ 0.009 χ^2 /NDF:548.9/13

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

All: 0.059 $\pm$ 0.007 χ^2 /NDF: 918.9/28

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

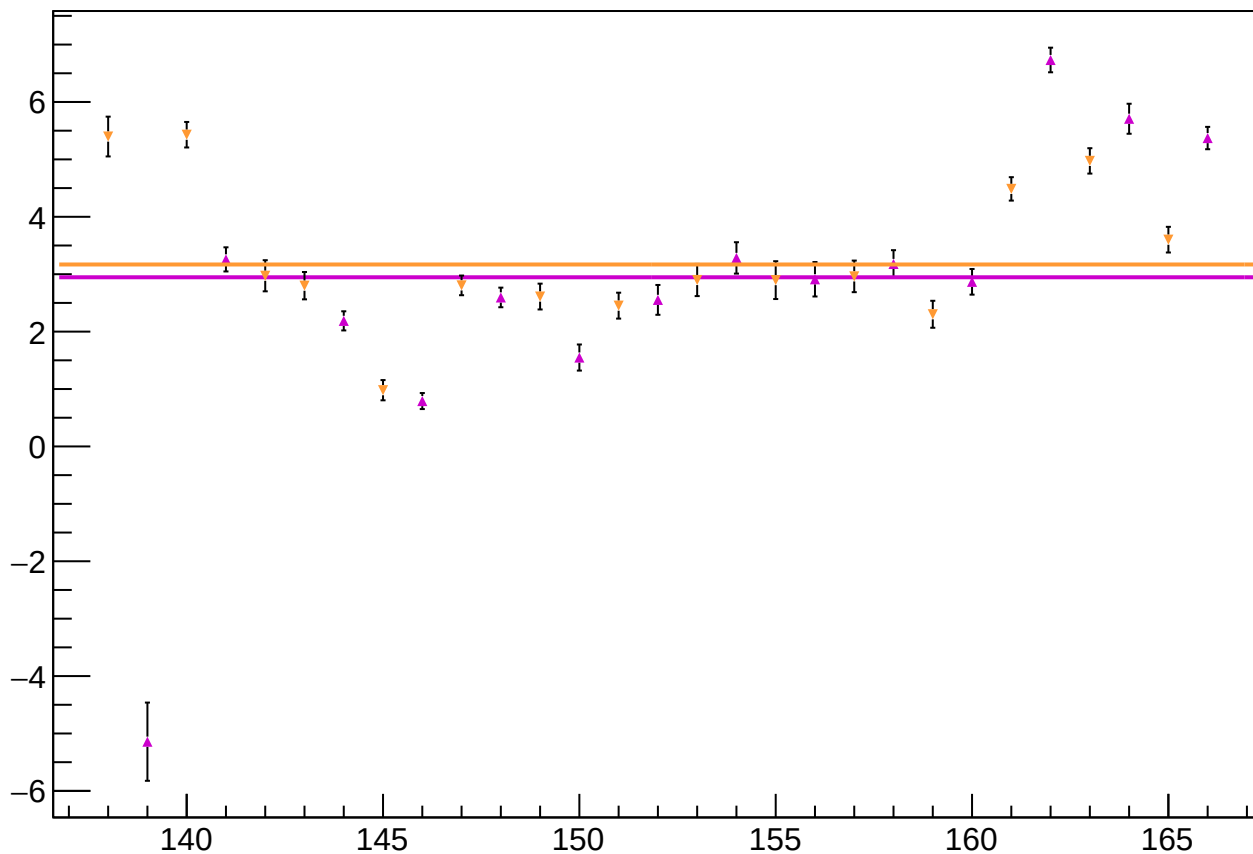
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -7.368 ± 0.084 $\chi^2/\text{NDF}: 1786.6/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -7.136 ± 0.080 $\chi^2/\text{NDF}: 1833.2/13$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -7.246 ± 0.058 $\chi^2/\text{NDF}: 3623.9/28$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

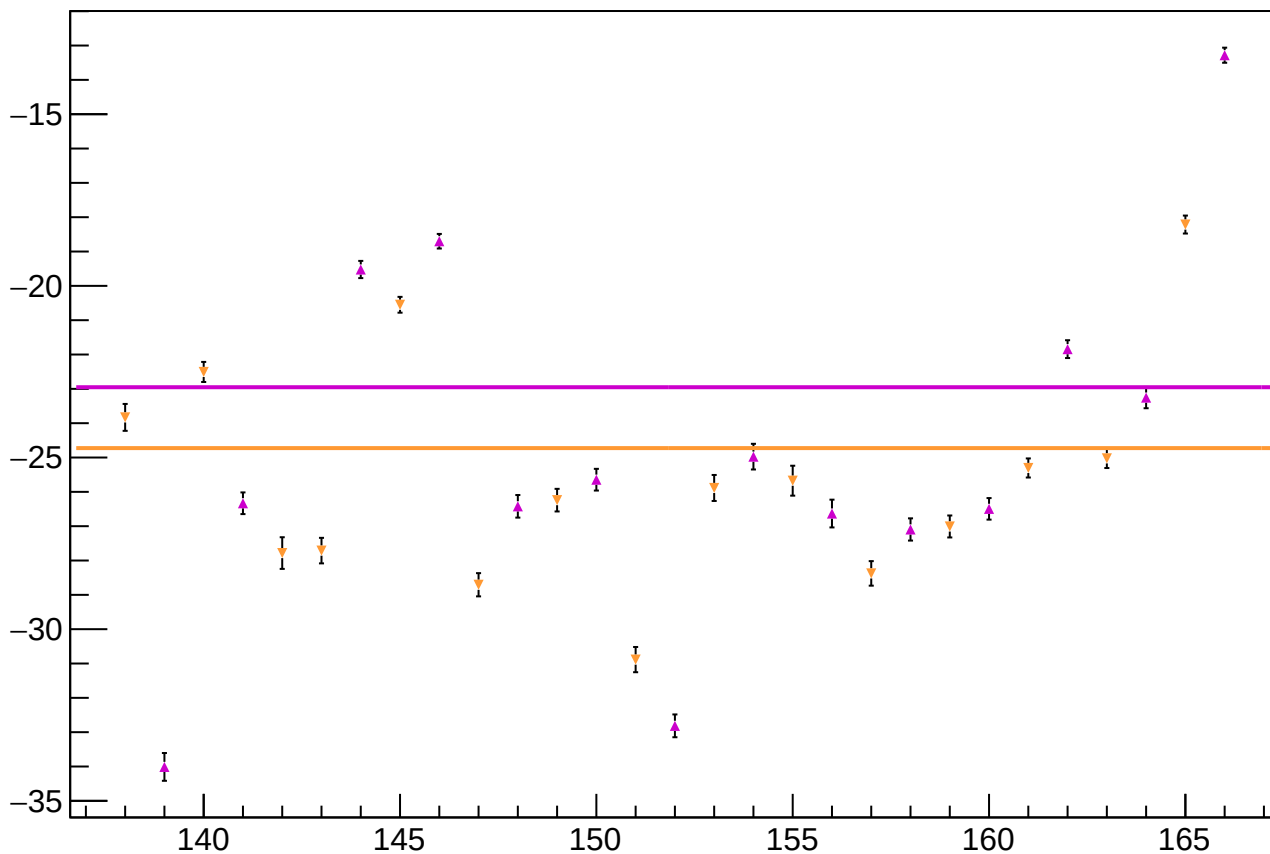
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.169 $\pm$ 0.059 χ^2 /NDF:450.5/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.947 $\pm$ 0.057 χ^2 /NDF:1027.6/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.054 $\pm$ 0.041 χ^2 /NDF: 1485.5/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -24.726+/-0.083 χ^2/NDF :1734.5/14

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

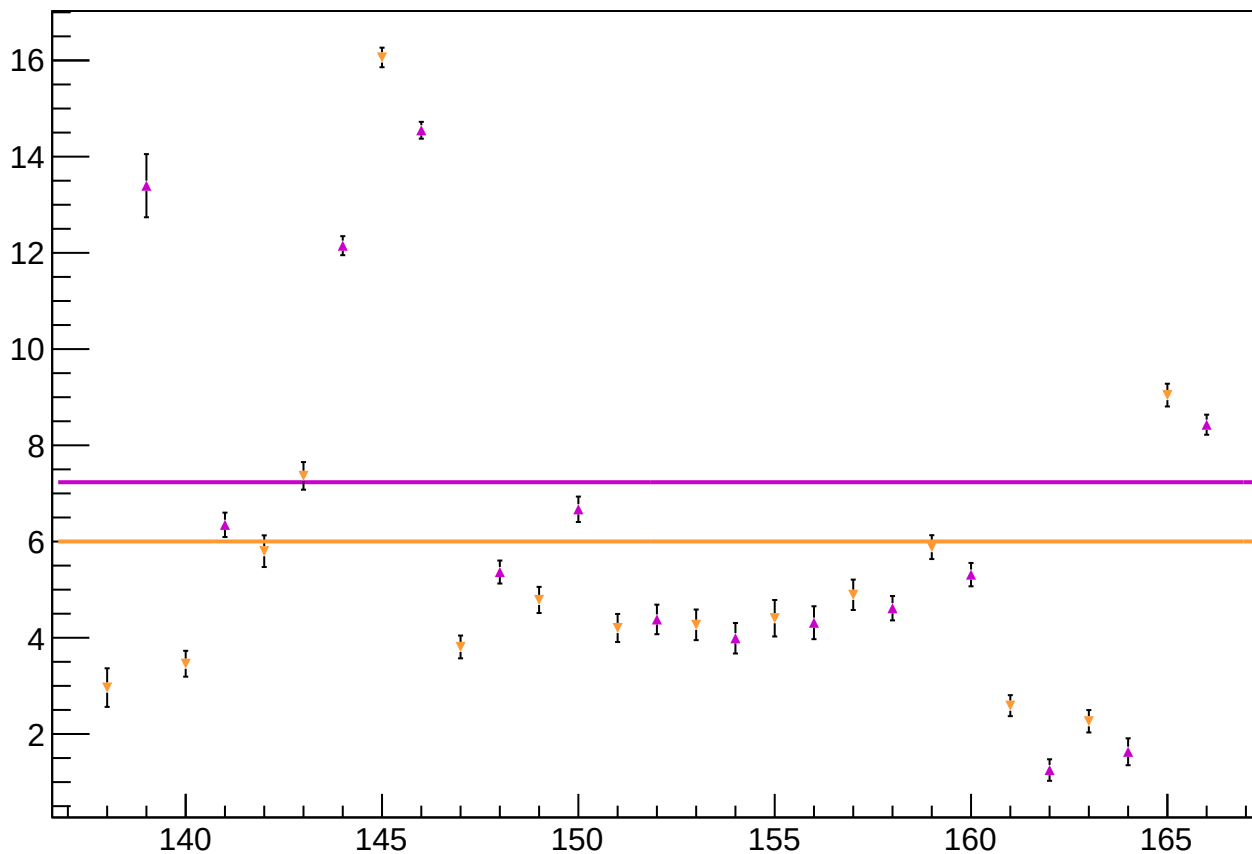
Left In: -22.952+/-0.079 χ^2/NDF :4874.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.789+/-0.057 χ^2/NDF : 6848.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

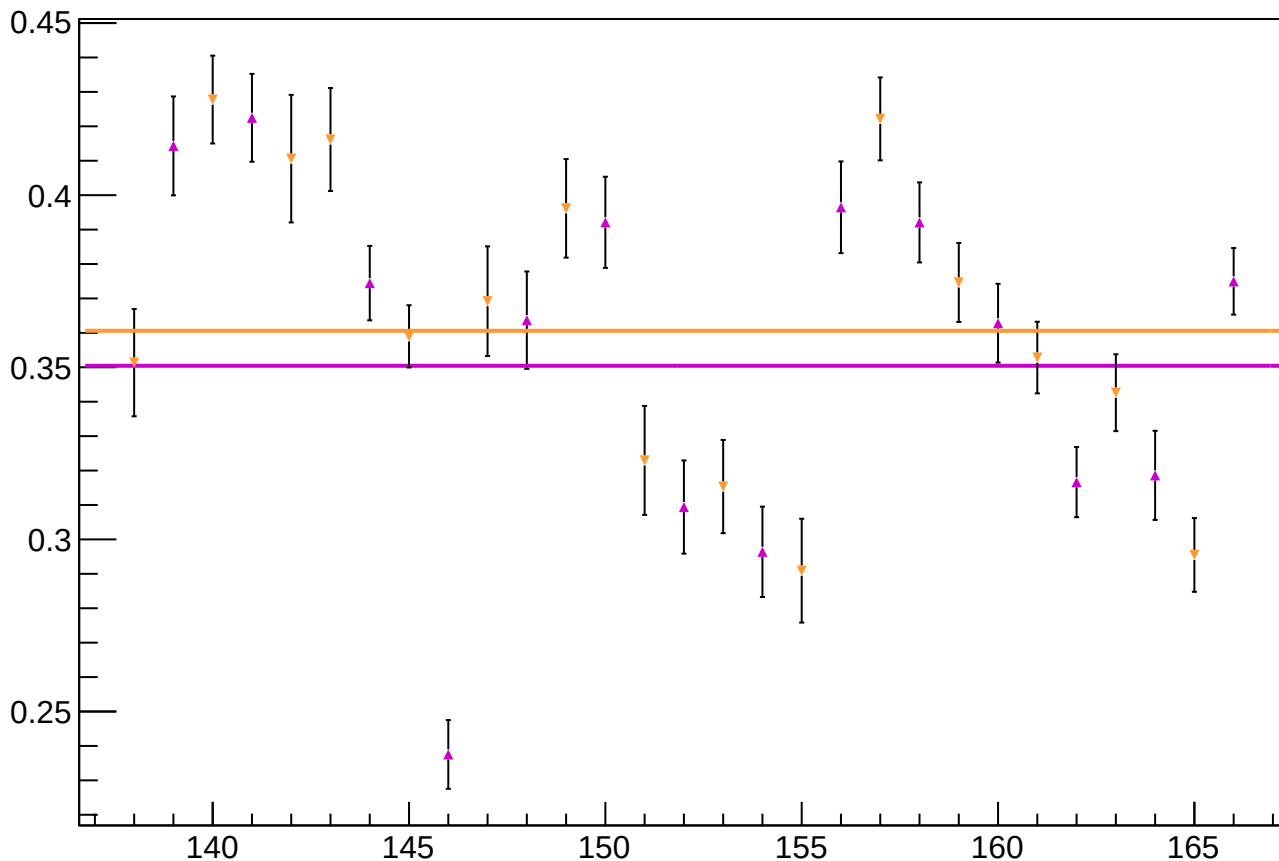
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.002+/-0.069 χ^2/NDF : 3492.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.233+/-0.067 χ^2/NDF : 4117.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.640+/-0.048 χ^2/NDF : 7774.6/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

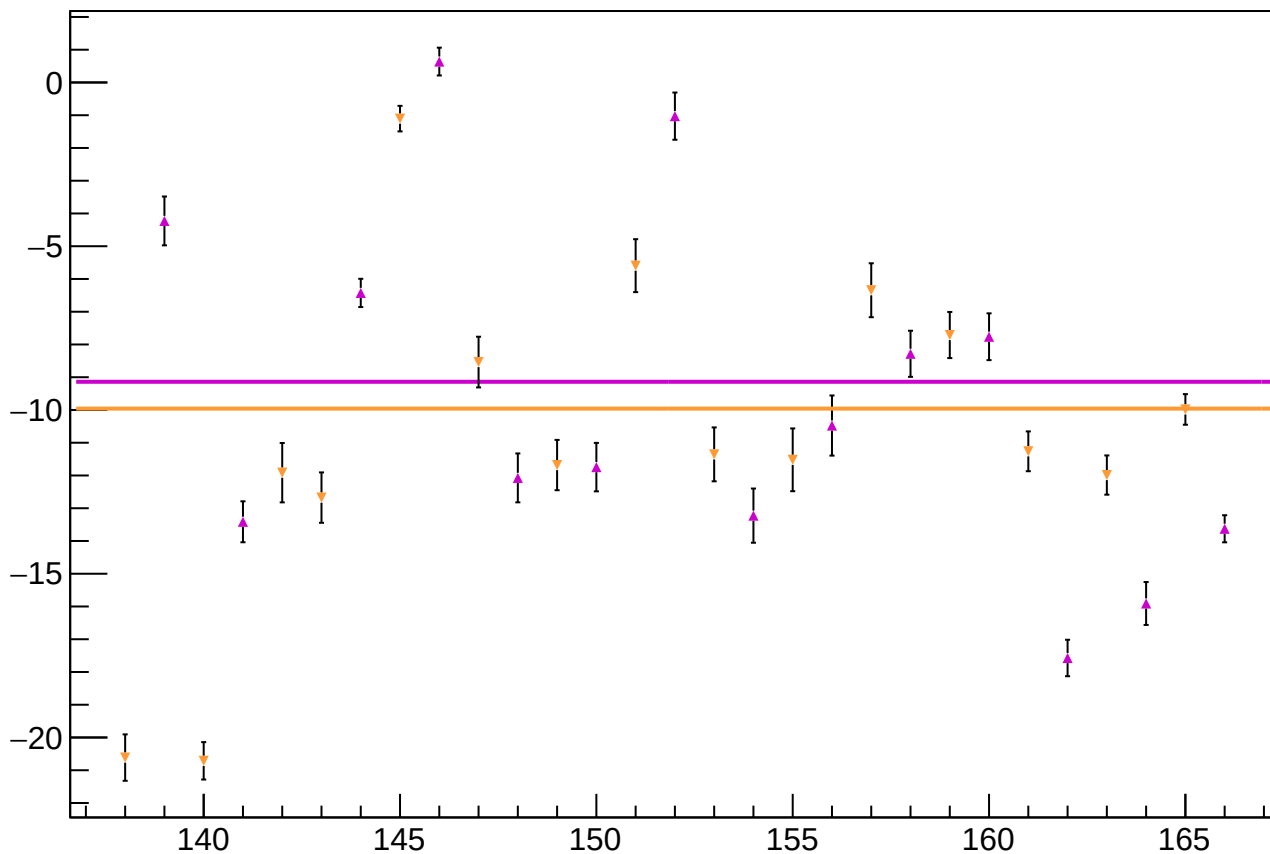
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.361 $\pm$ 0.003 χ^2/NDF :161.5/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.350 $\pm$ 0.003 χ^2/NDF :270.7/13

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.355 $\pm$ 0.002 χ^2/NDF : 437.2/28
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

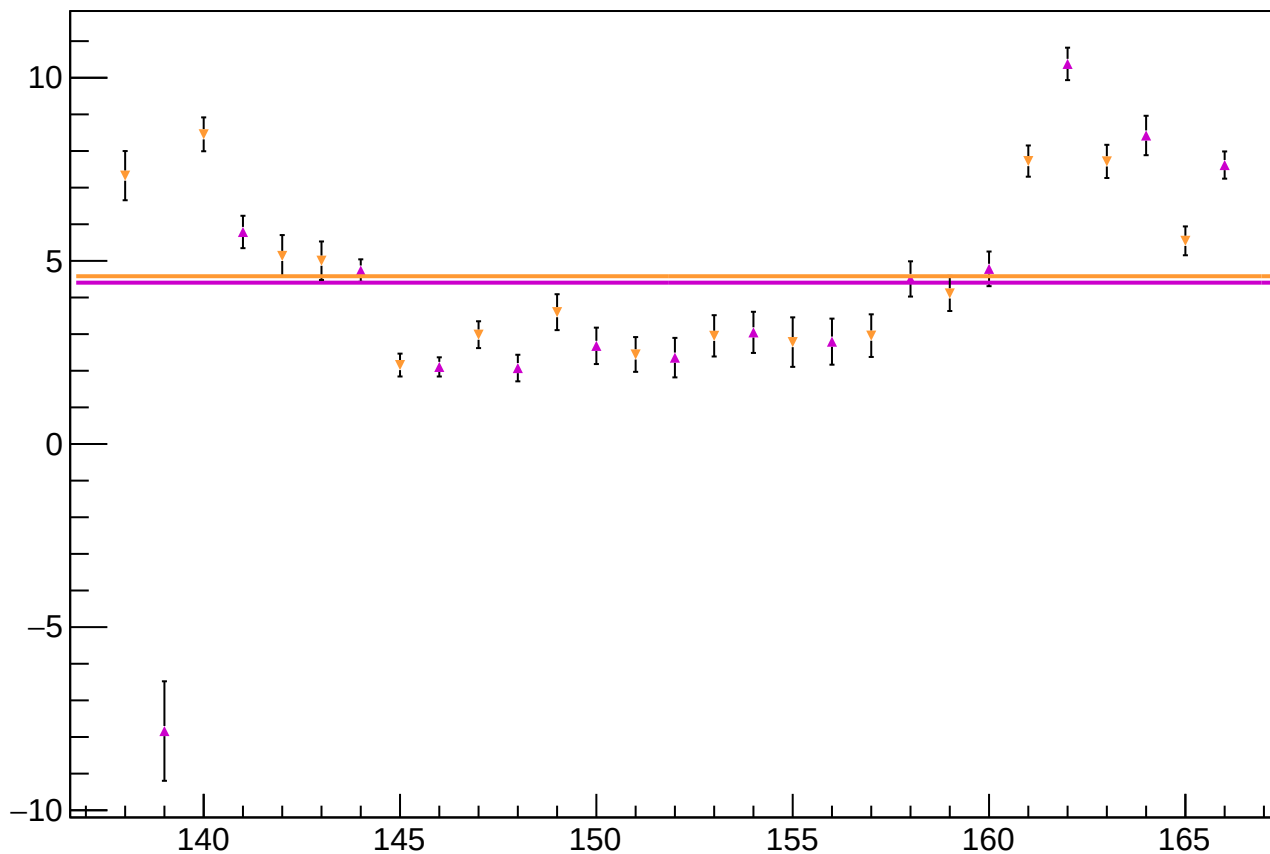
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.958 ± 0.168 χ^2/NDF : 1201.3/14
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -9.139 ± 0.160 χ^2/NDF : 1301.2/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -9.530 ± 0.116 χ^2/NDF : 2515.0/28
 - sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

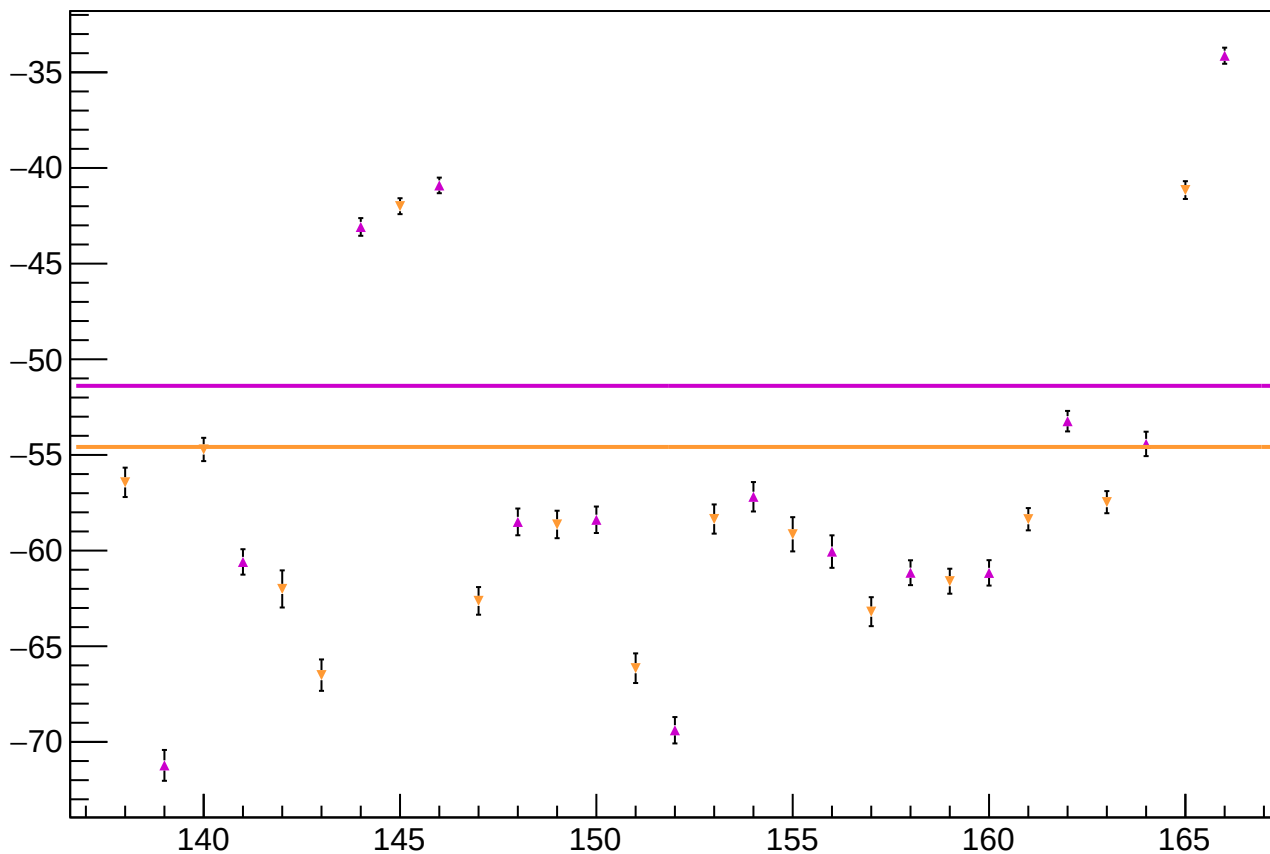
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.581 $\pm$ 0.120 χ^2 /NDF:324.6/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.405 $\pm$ 0.115 χ^2 /NDF:562.2/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.489 $\pm$ 0.083 χ^2 /NDF: 887.9/28
 - 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: -54.582+/-0.167 χ^2/NDF : 2768.7/14

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

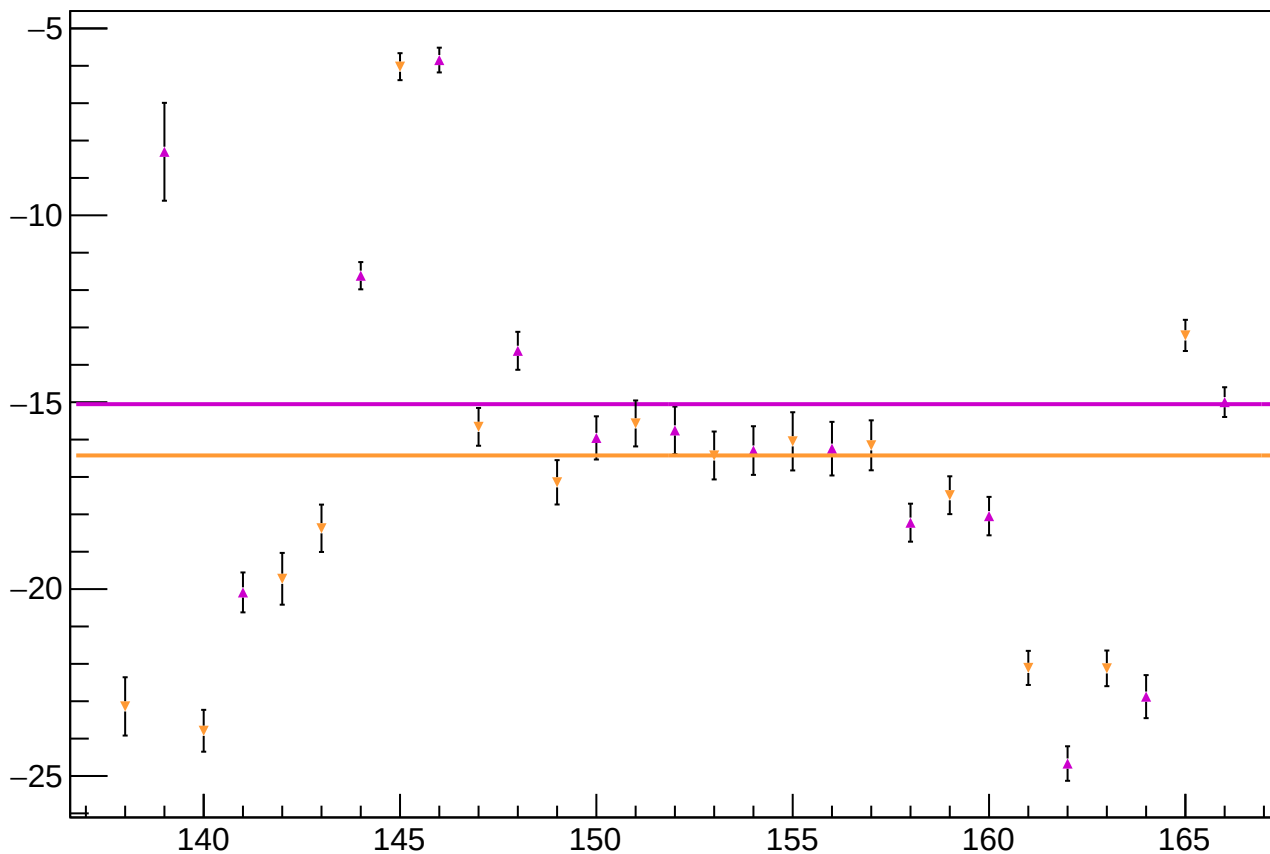
Left In: -51.388+/-0.158 χ^2/NDF : 4988.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.898+/-0.115 χ^2/NDF : 7950.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -16.424 $\pm$ 0.139 χ^2 /NDF:1477.9/14

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

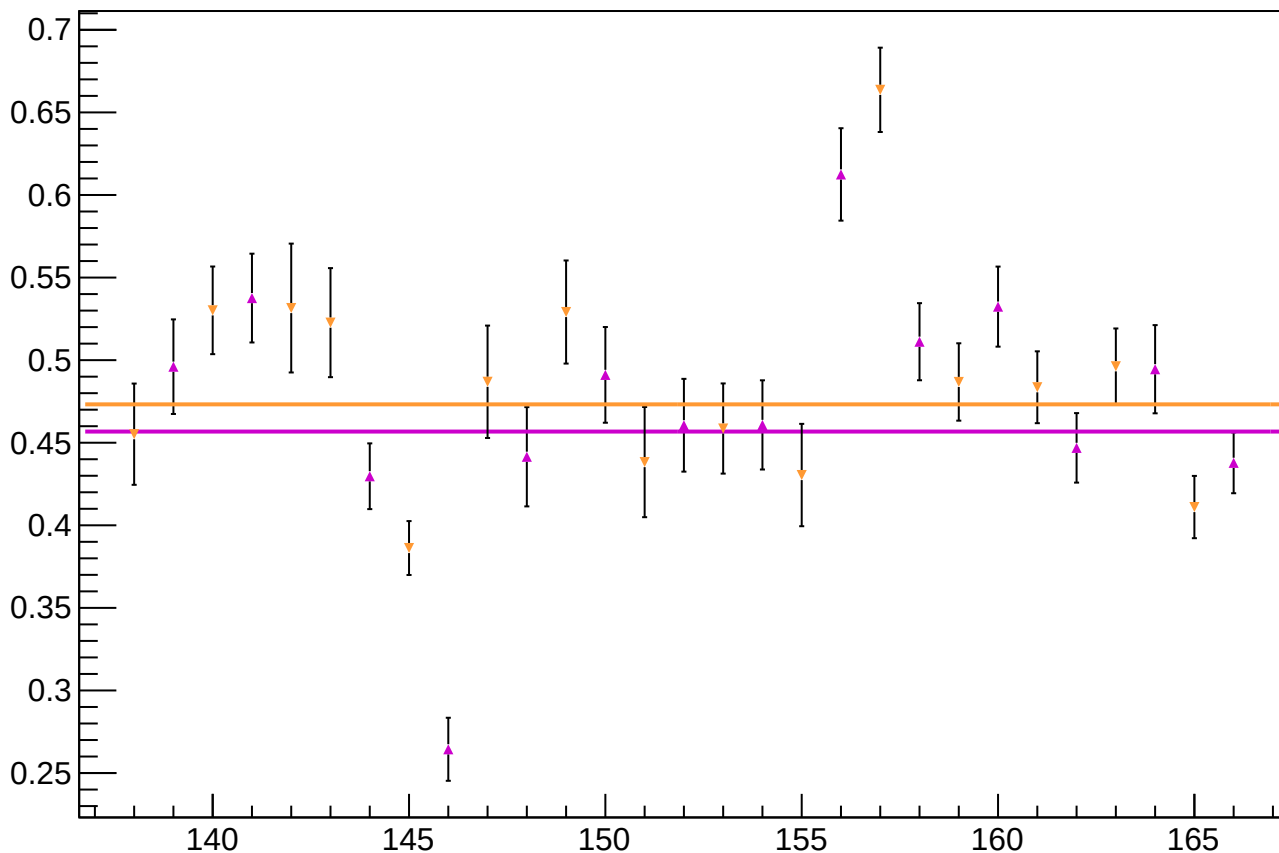
Left In: -15.052 $\pm$ 0.134 χ^2 /NDF:1686.2/13

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

All: -15.710 $\pm$ 0.096 χ^2 /NDF: 3214.7/28

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

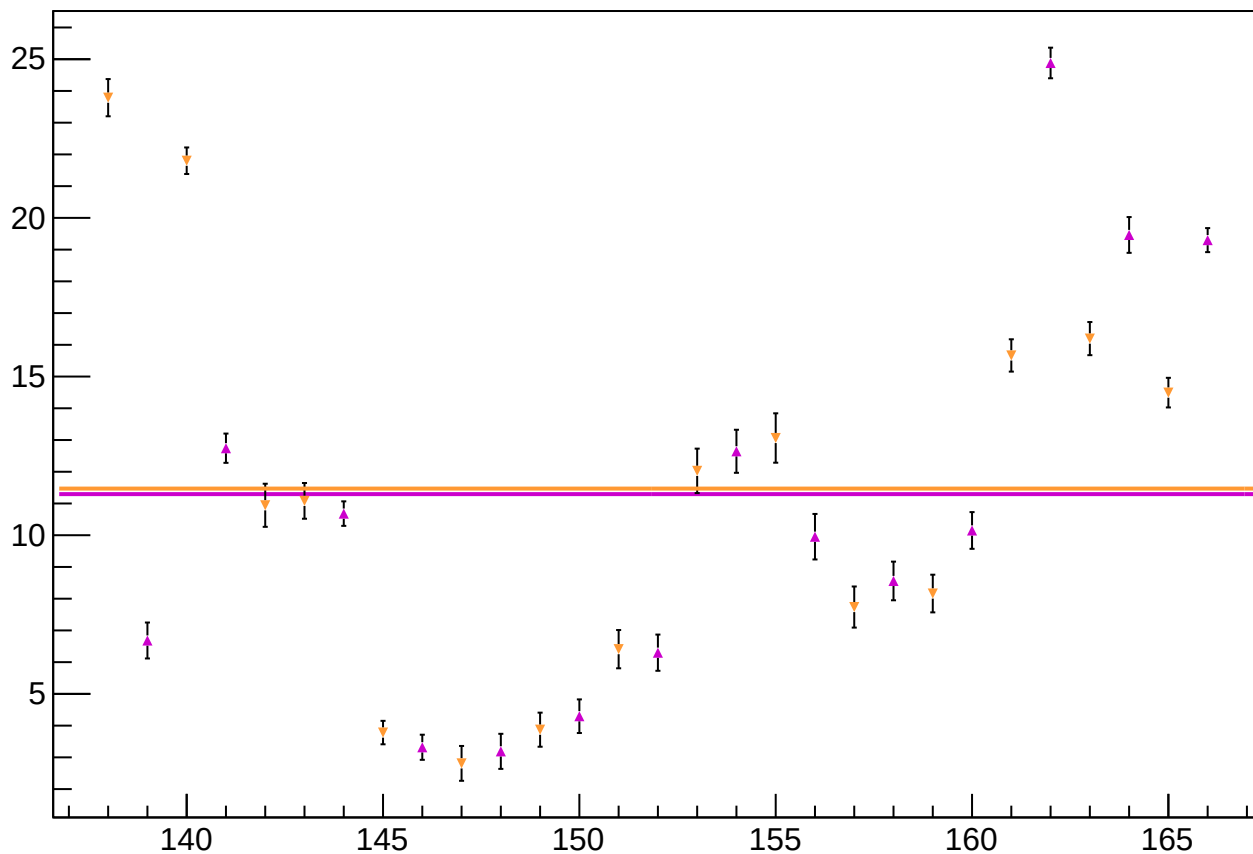
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.473+/-0.007 χ^2/NDF :112.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.457+/-0.006 χ^2/NDF :165.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.465+/-0.005 χ^2/NDF : 281.3/28
 - sign 0.000+/-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: 11.470+/-0.139 χ^2/NDF : 2265.3/14

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

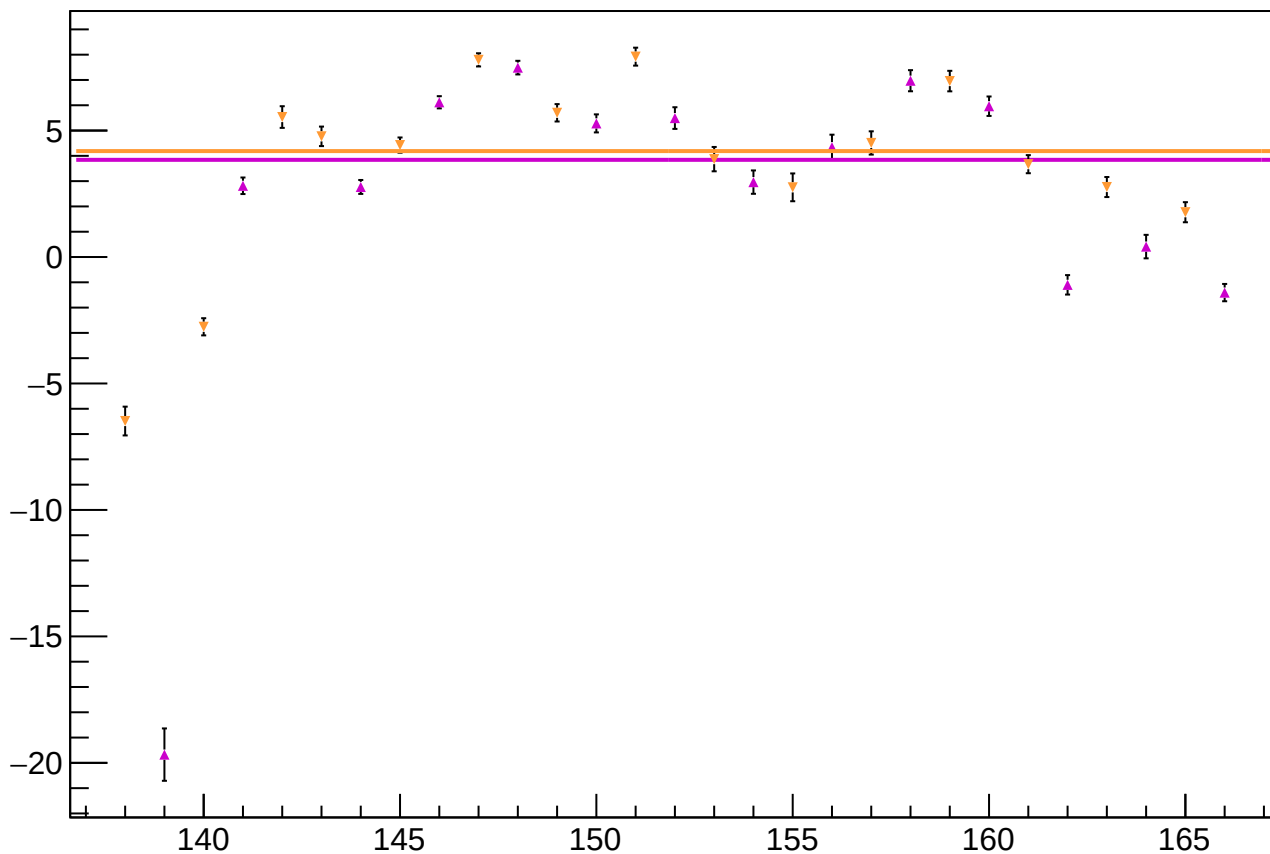
Left In: 11.295+/-0.135 χ^2/NDF : 2433.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.380+/-0.097 χ^2/NDF : 4699.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

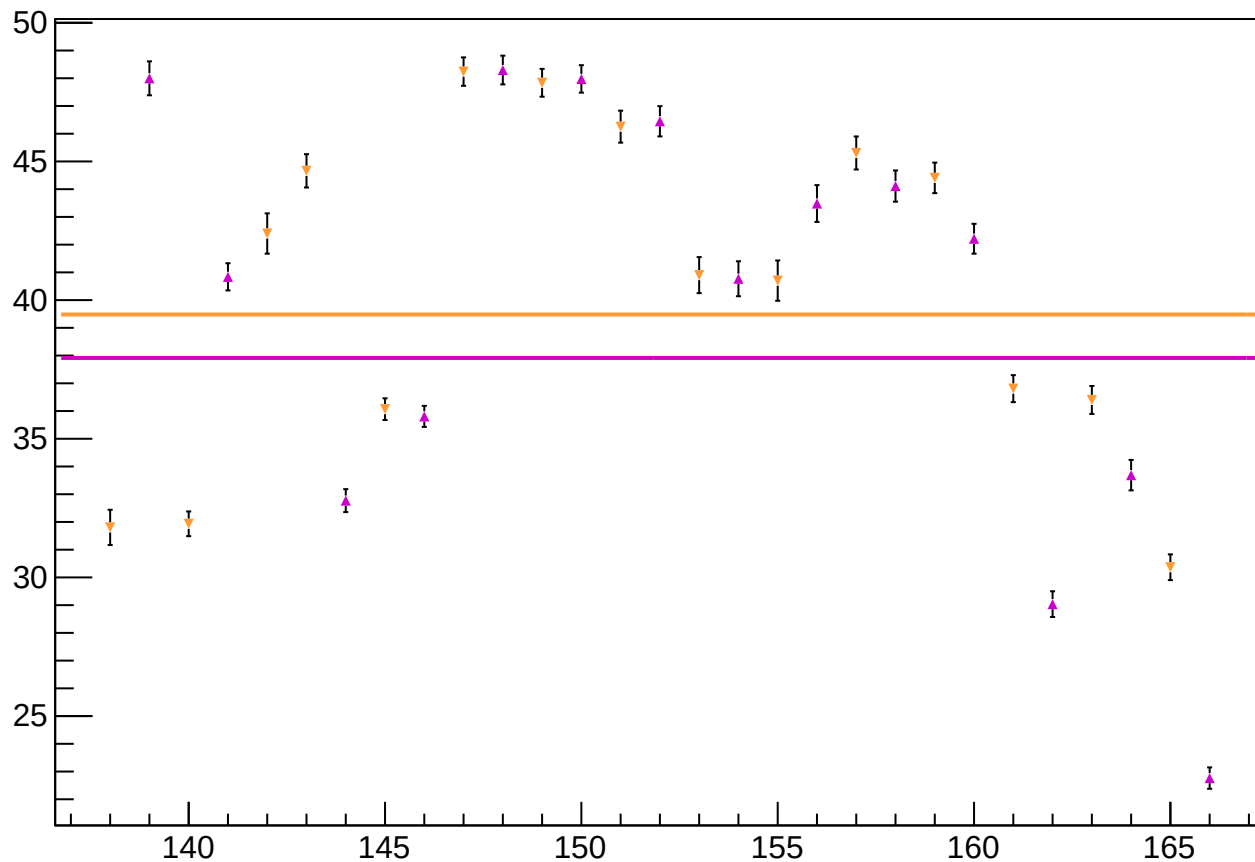
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.188 $\pm$ 0.098 χ^2 /NDF:1210.7/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.842 $\pm$ 0.096 χ^2 /NDF:1390.5/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.012 $\pm$ 0.068 χ^2 /NDF: 2607.6/28
 - 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: 39.481+/-0.138 χ^2/NDF :1942.6/14

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

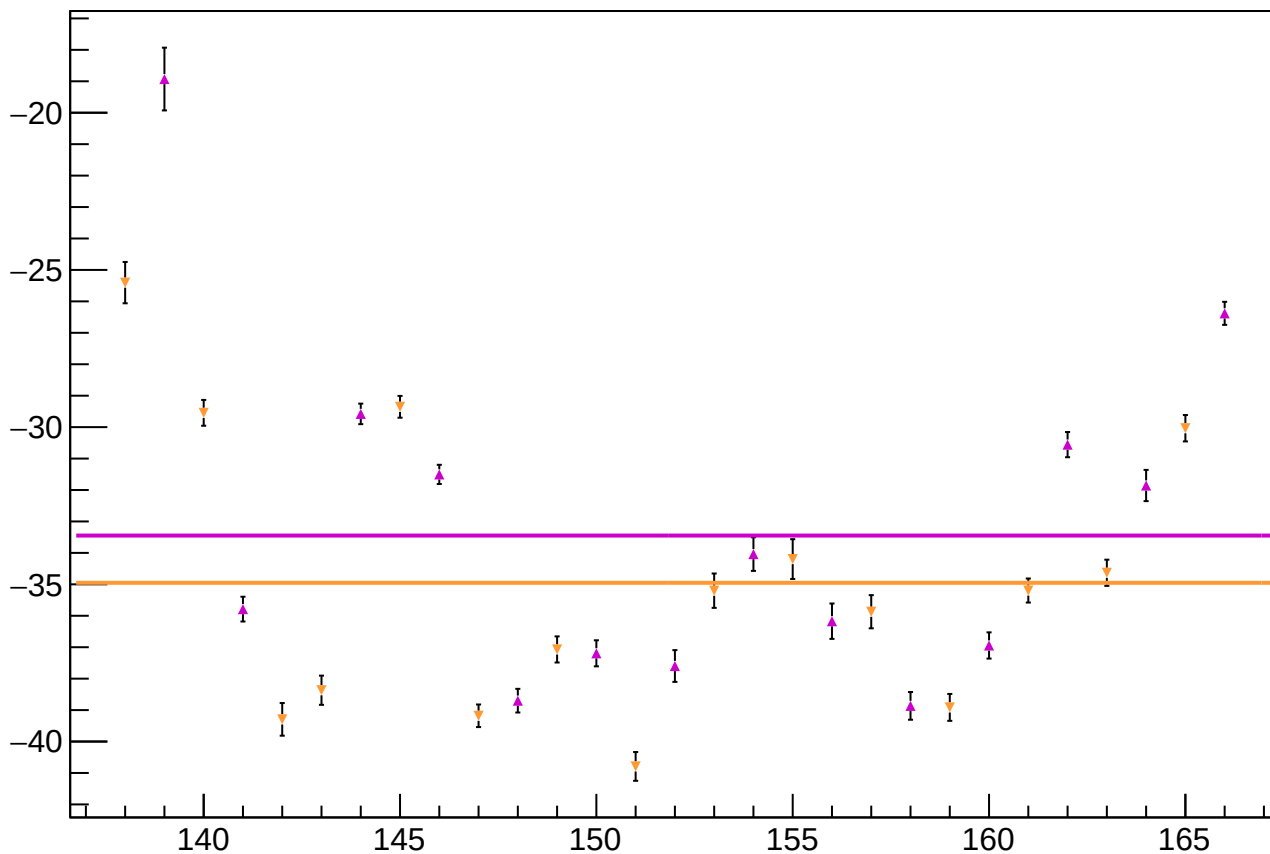
Left In: 37.915+/-0.133 χ^2/NDF :3793.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.668+/-0.096 χ^2/NDF : 5803.6/28

- 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: -34.951+/-0.114 χ^2/NDF :1326.0/14

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

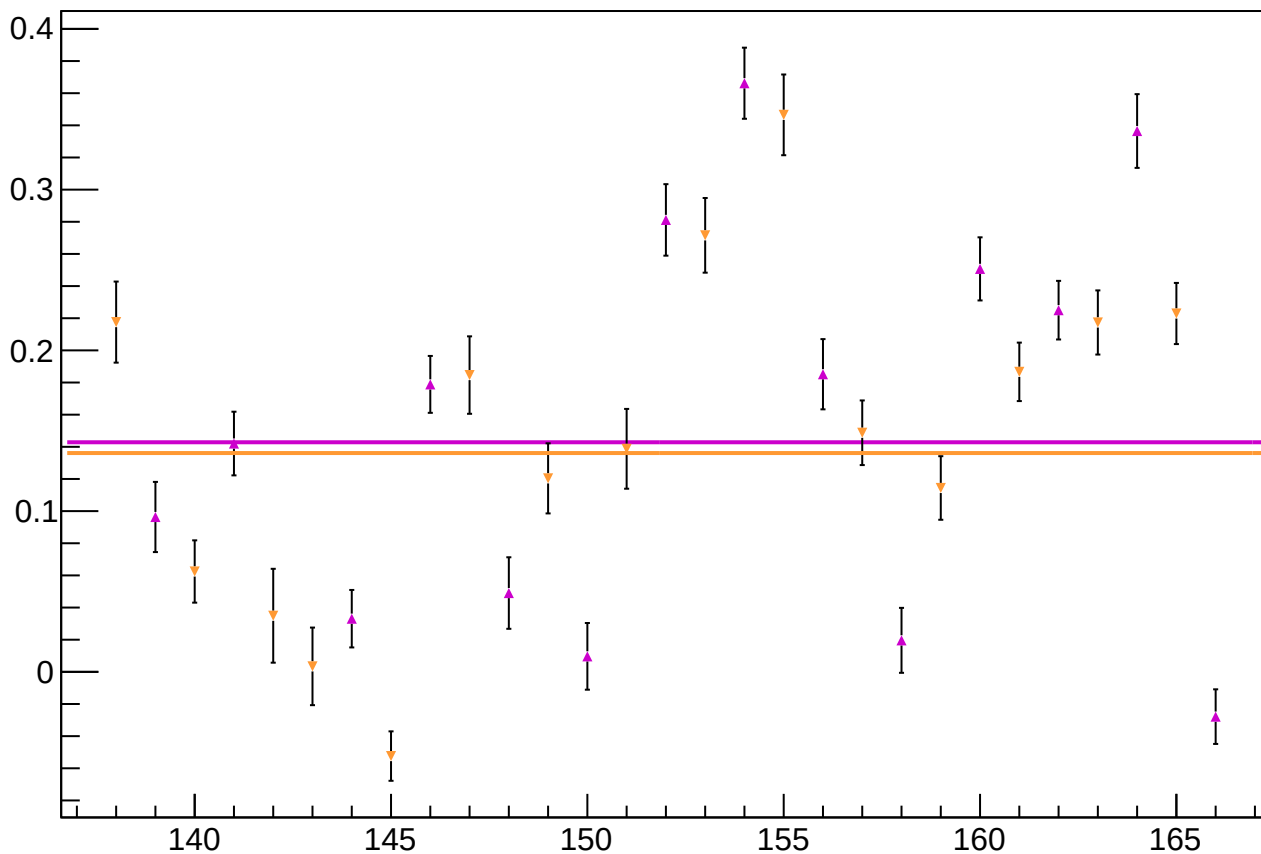
Left In: -33.449+/-0.112 χ^2/NDF :1452.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.184+/-0.080 χ^2/NDF : 2866.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

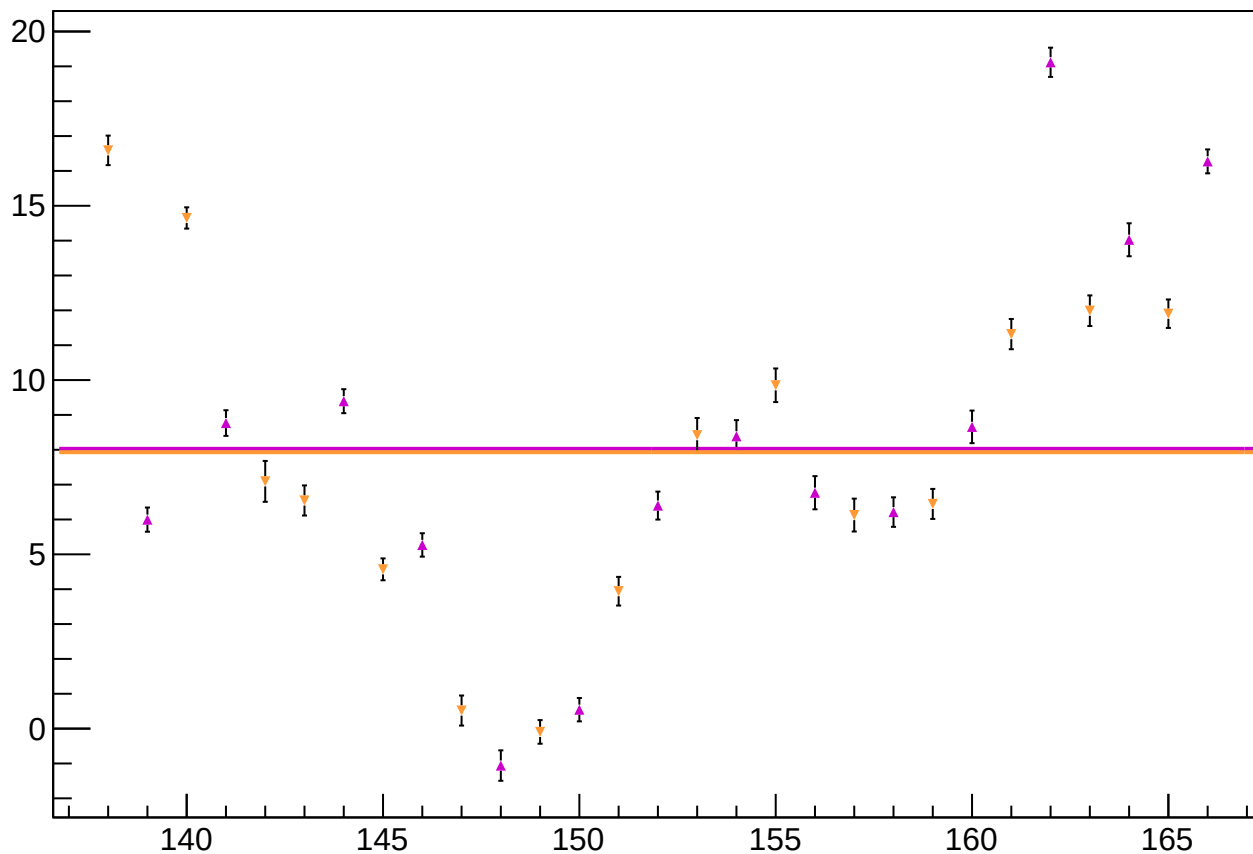
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.136+/-0.005 χ^2/NDF : 372.9/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.143+/-0.005 χ^2/NDF : 509.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.140+/-0.004 χ^2/NDF : 883.3/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

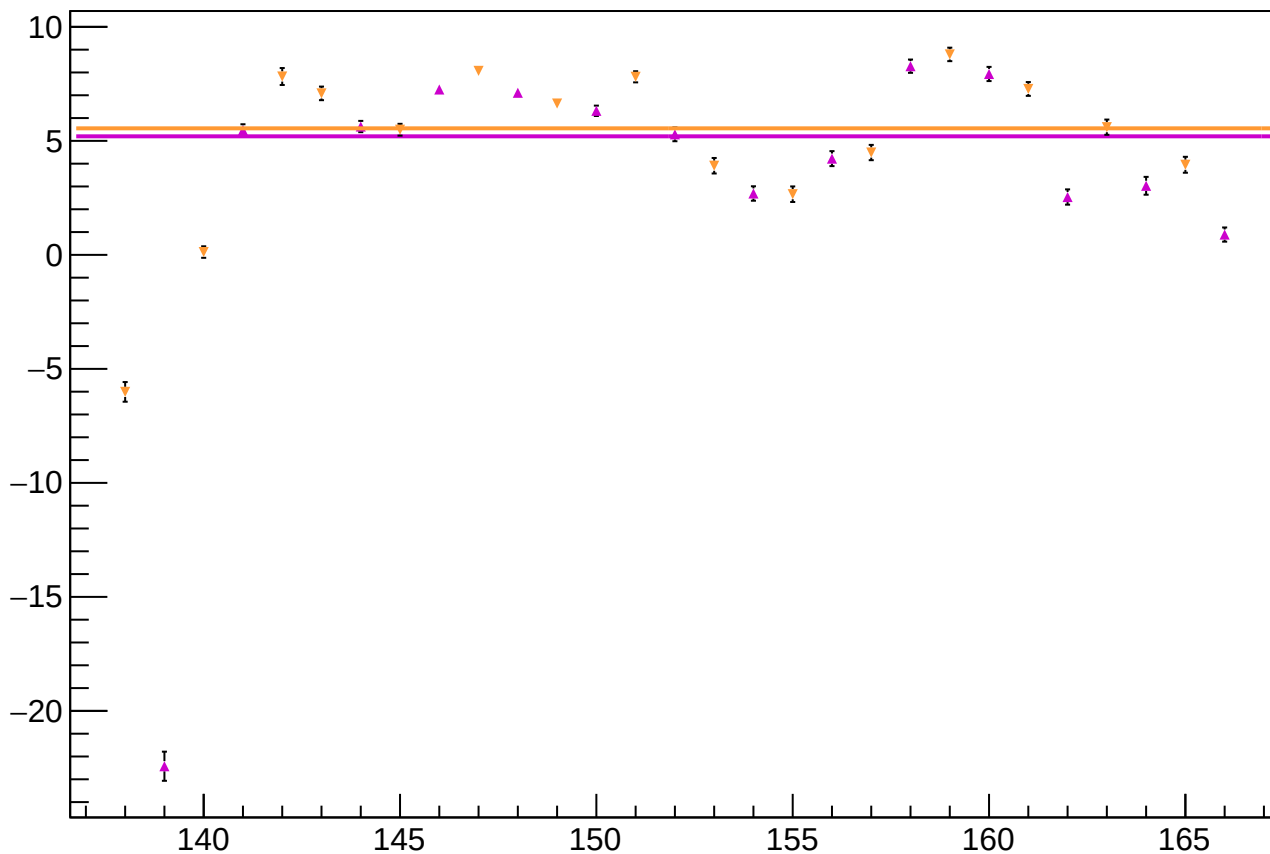
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.931+/-0.106 χ^2/NDF :2263.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.027+/-0.105 χ^2/NDF :2535.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.979+/-0.074 χ^2/NDF : 4798.6/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 5.549 $\pm$ 0.074 χ^2 /NDF:1779.4/14

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

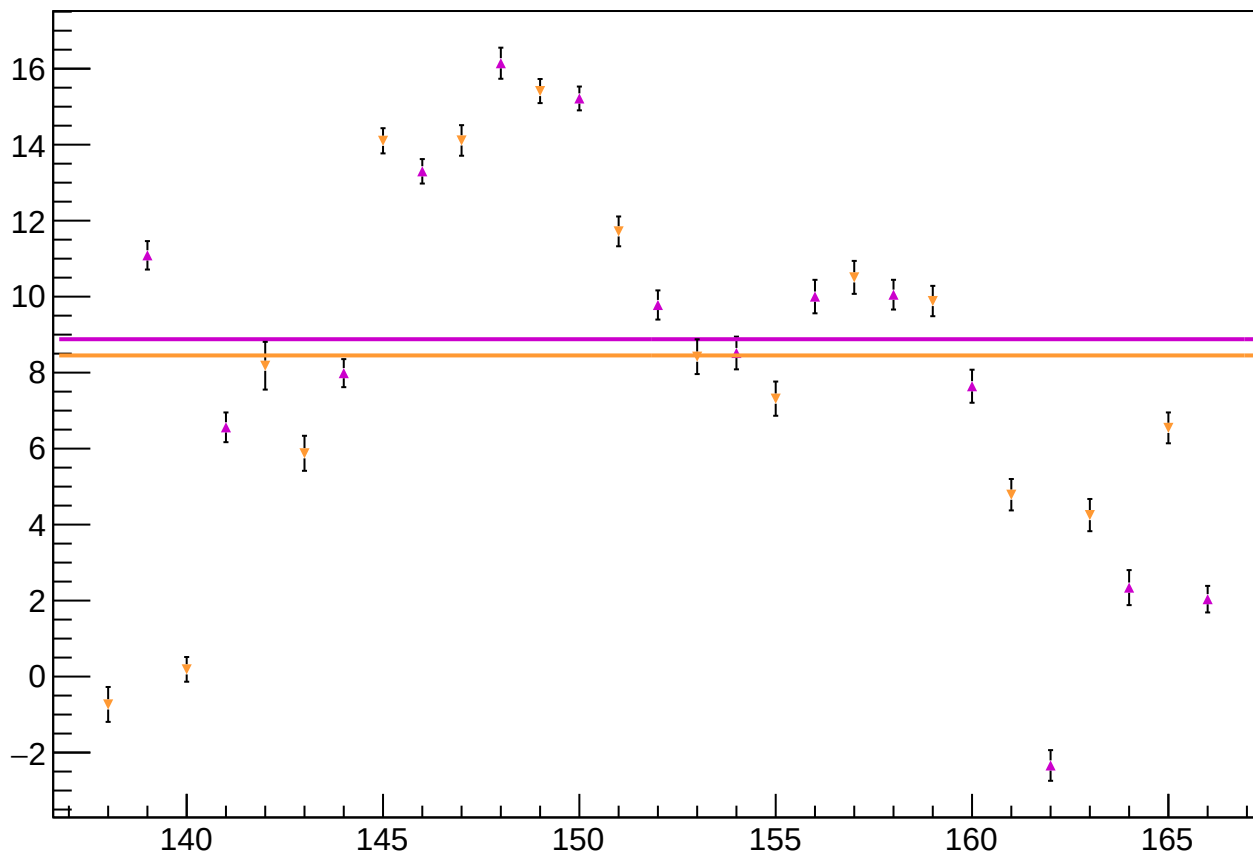
Left In: 5.199 $\pm$ 0.076 χ^2 /NDF:2614.9/13

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

All: 5.378 $\pm$ 0.053 χ^2 /NDF: 4405.2/28

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

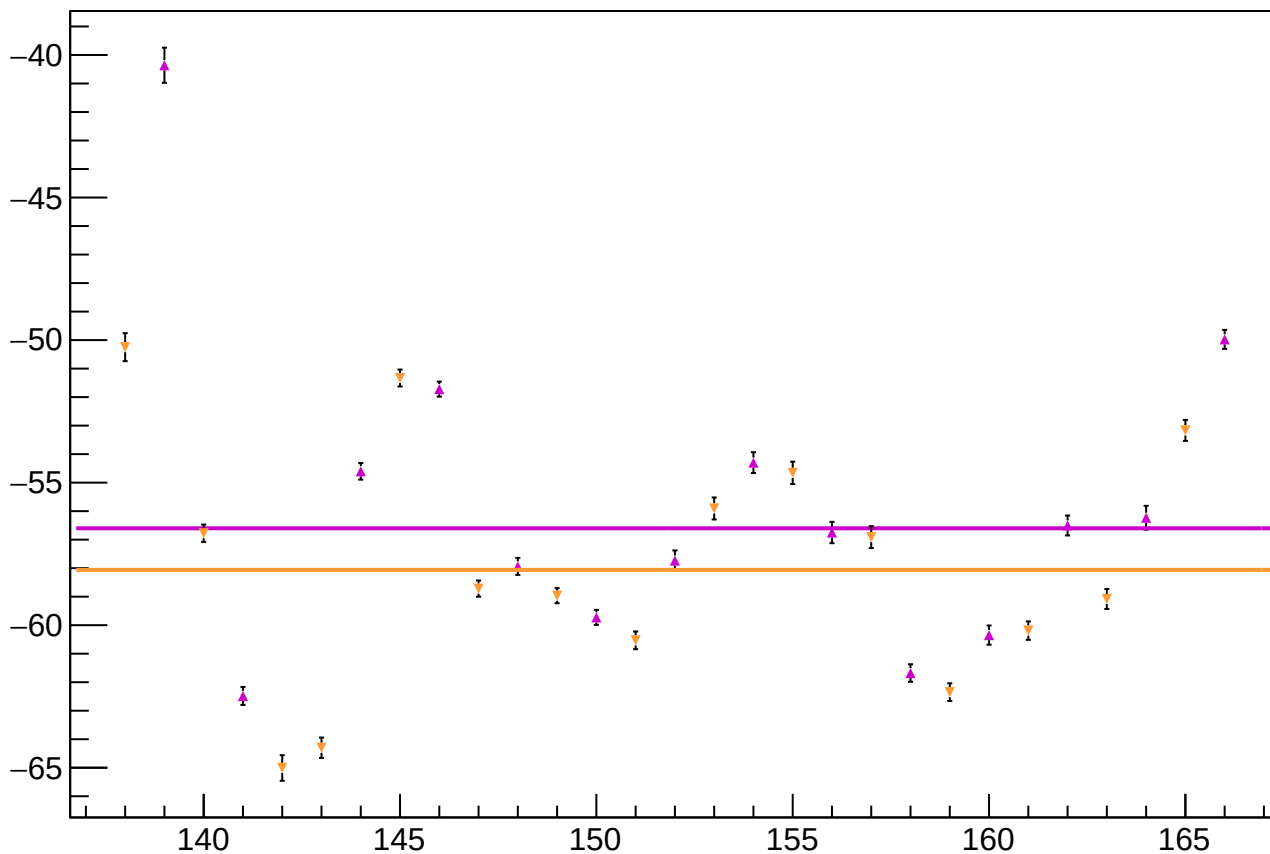
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.452+/-0.104 χ^2/NDF : 2355.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.879+/-0.103 χ^2/NDF : 2373.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.669+/-0.073 χ^2/NDF : 4737.6/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -58.061 ± 0.087 χ^2/NDF : 1940.0/14

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

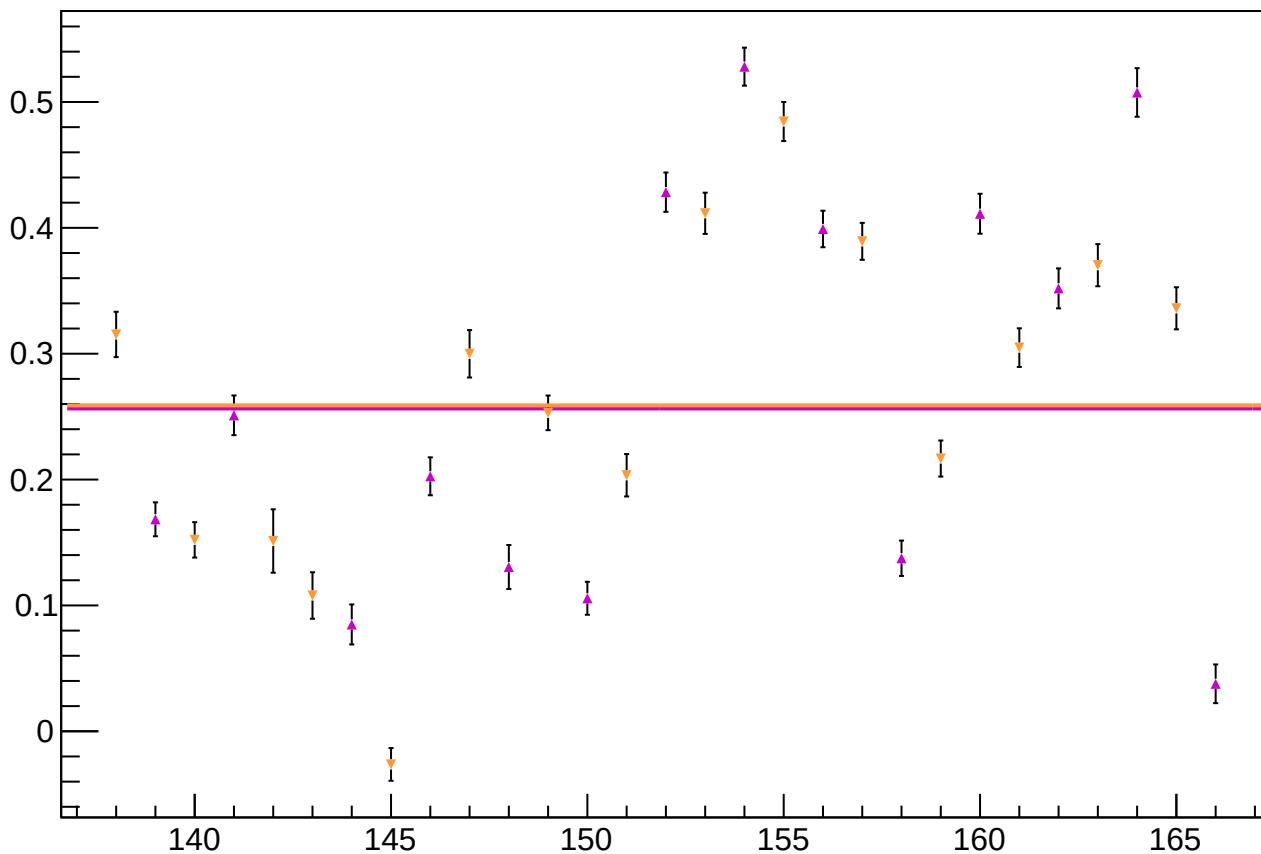
Left In: -56.601 ± 0.088 χ^2/NDF : 2431.7/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -57.338 ± 0.062 χ^2/NDF : 4510.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

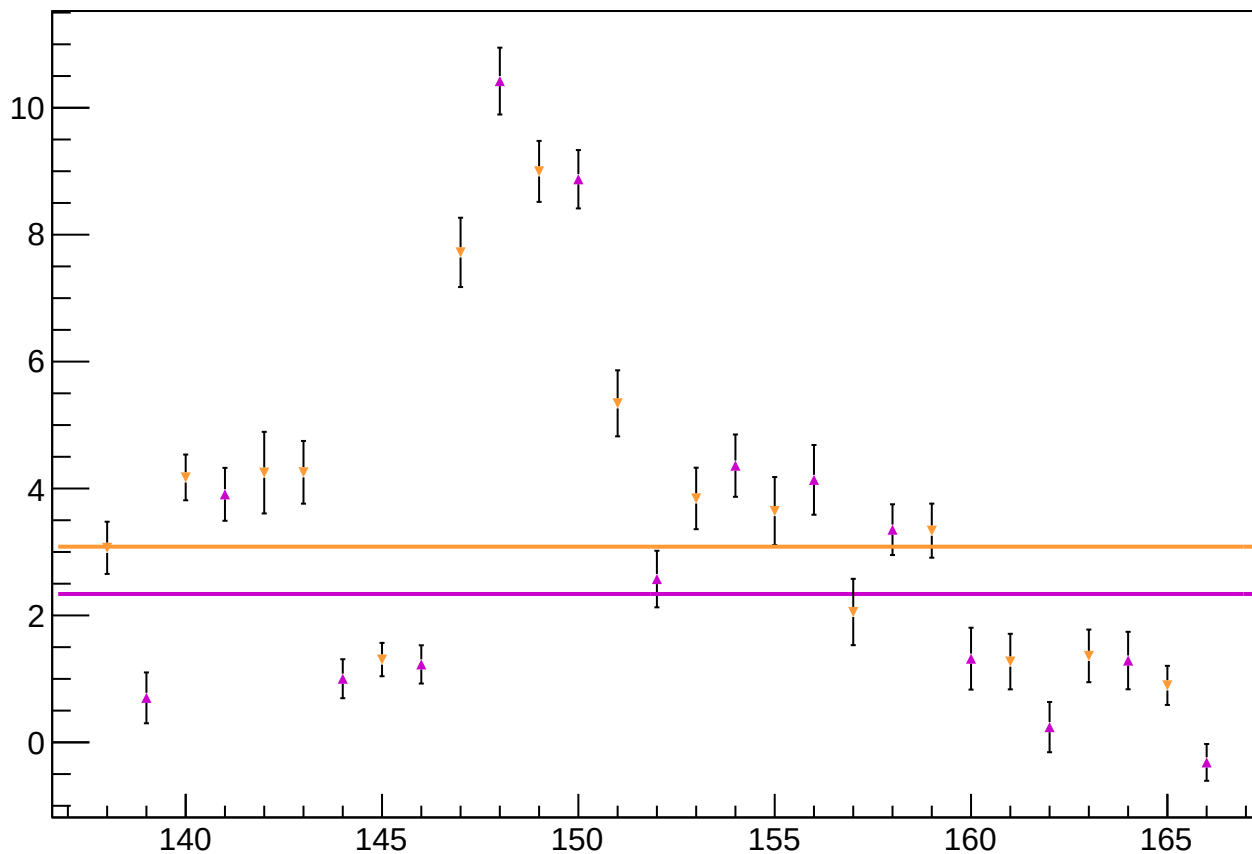
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.259 $\pm$ 0.004 χ^2 /NDF:1109.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.256 $\pm$ 0.004 χ^2 /NDF:1472.7/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.258 $\pm$ 0.003 χ^2 /NDF: 2582.2/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

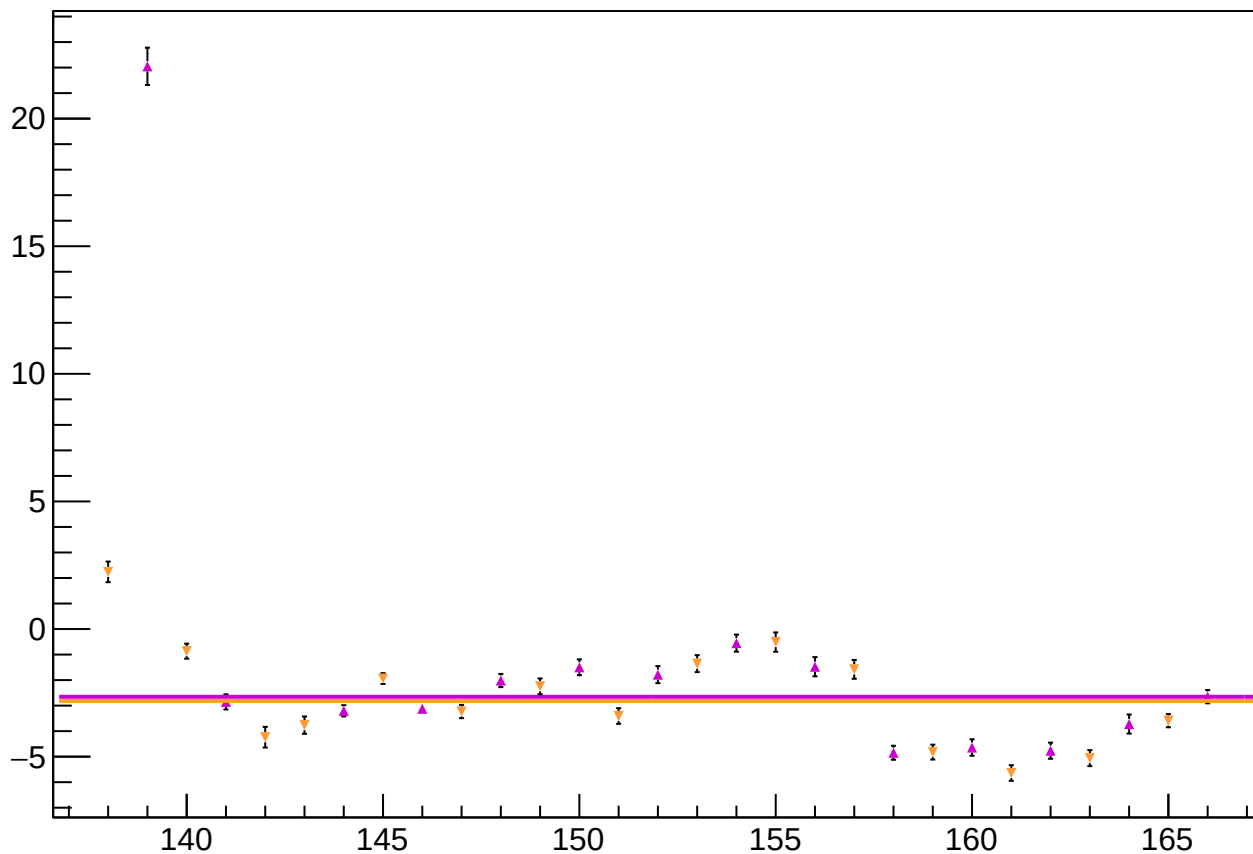
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.083 $\pm$ 0.109 χ^2 /NDF:398.6/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.338 $\pm$ 0.107 χ^2 /NDF:656.8/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.703 $\pm$ 0.076 χ^2 /NDF: 1079.3/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -2.816+/-0.079 χ^2/NDF : 507.3/14

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

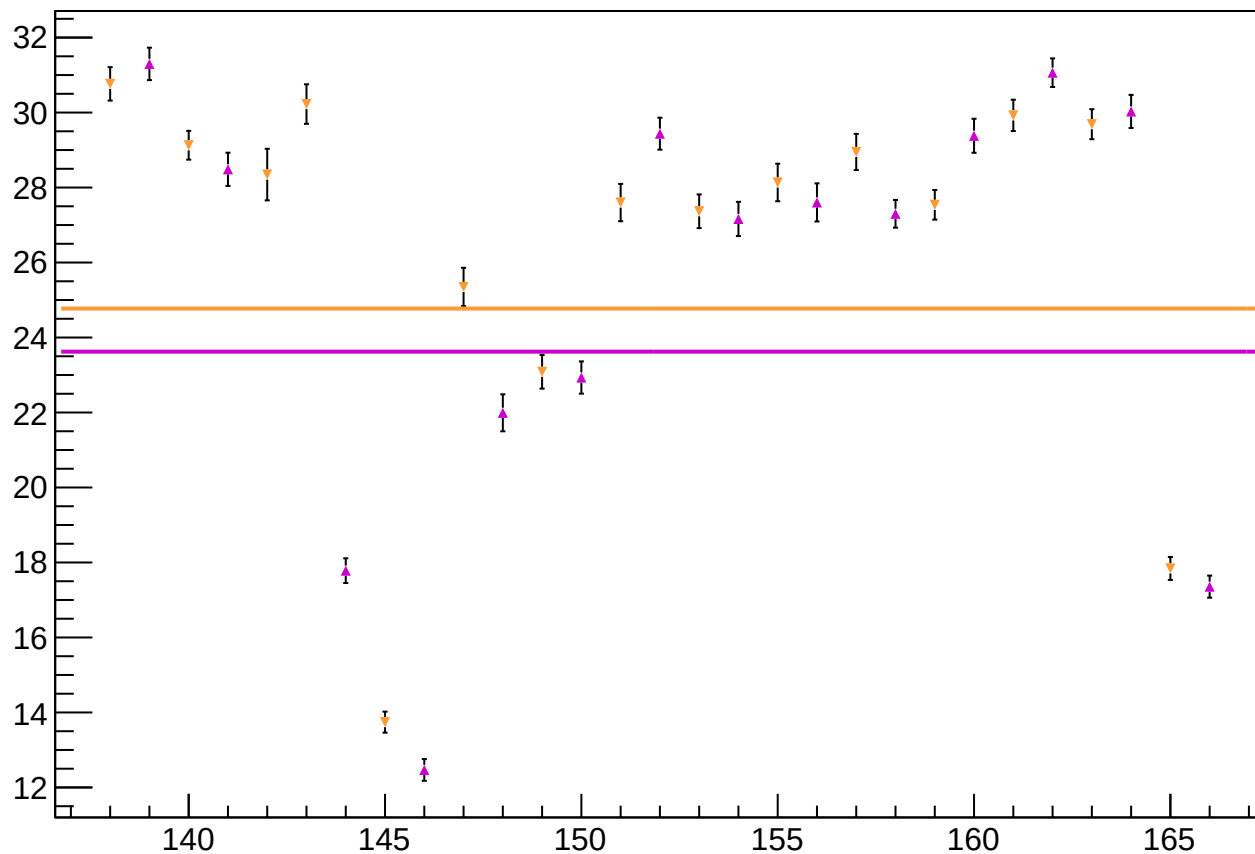
Left In: -2.654+/-0.078 χ^2/NDF : 1385.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.734+/-0.055 χ^2/NDF : 1894.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 24.773+/-0.108 χ^2/NDF : 3057.7/14

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

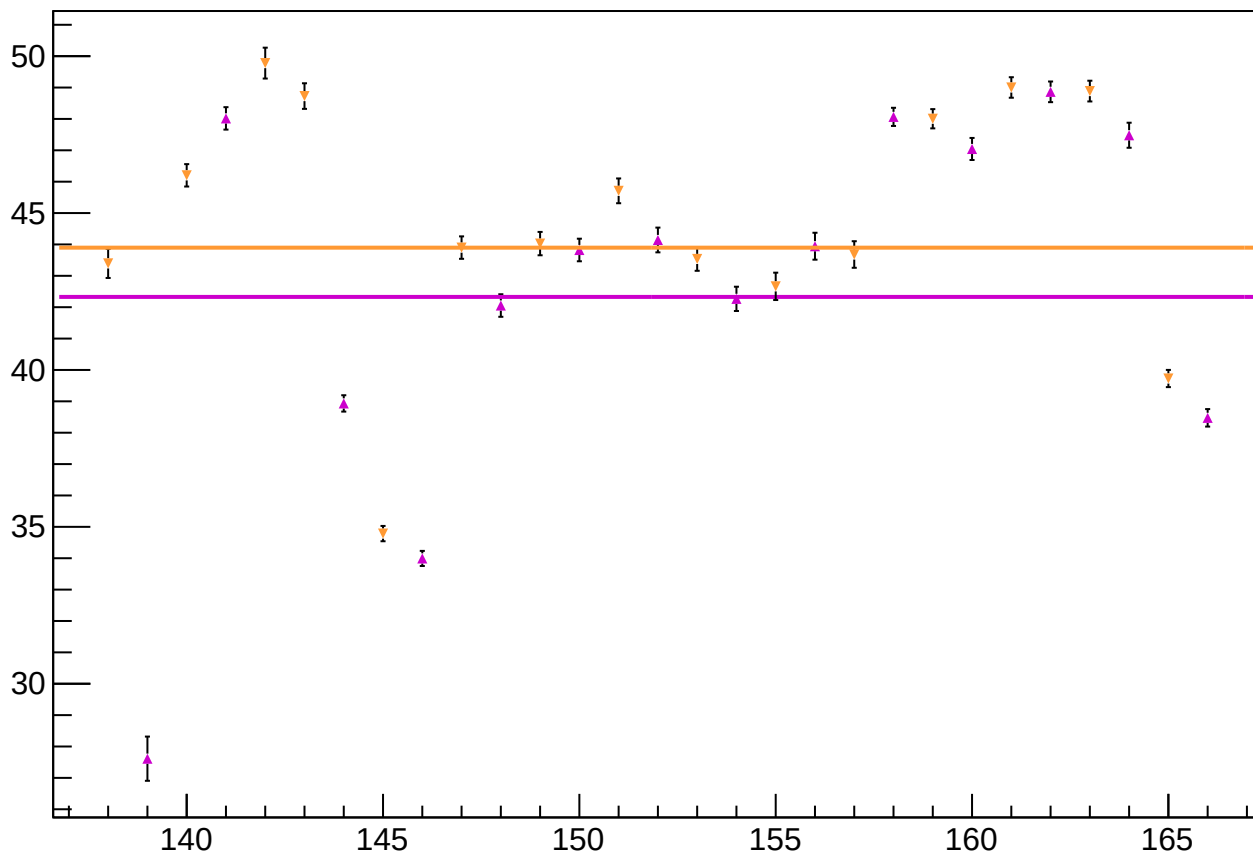
Left In: 23.623+/-0.105 χ^2/NDF : 3853.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.180+/-0.075 χ^2/NDF : 6969.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

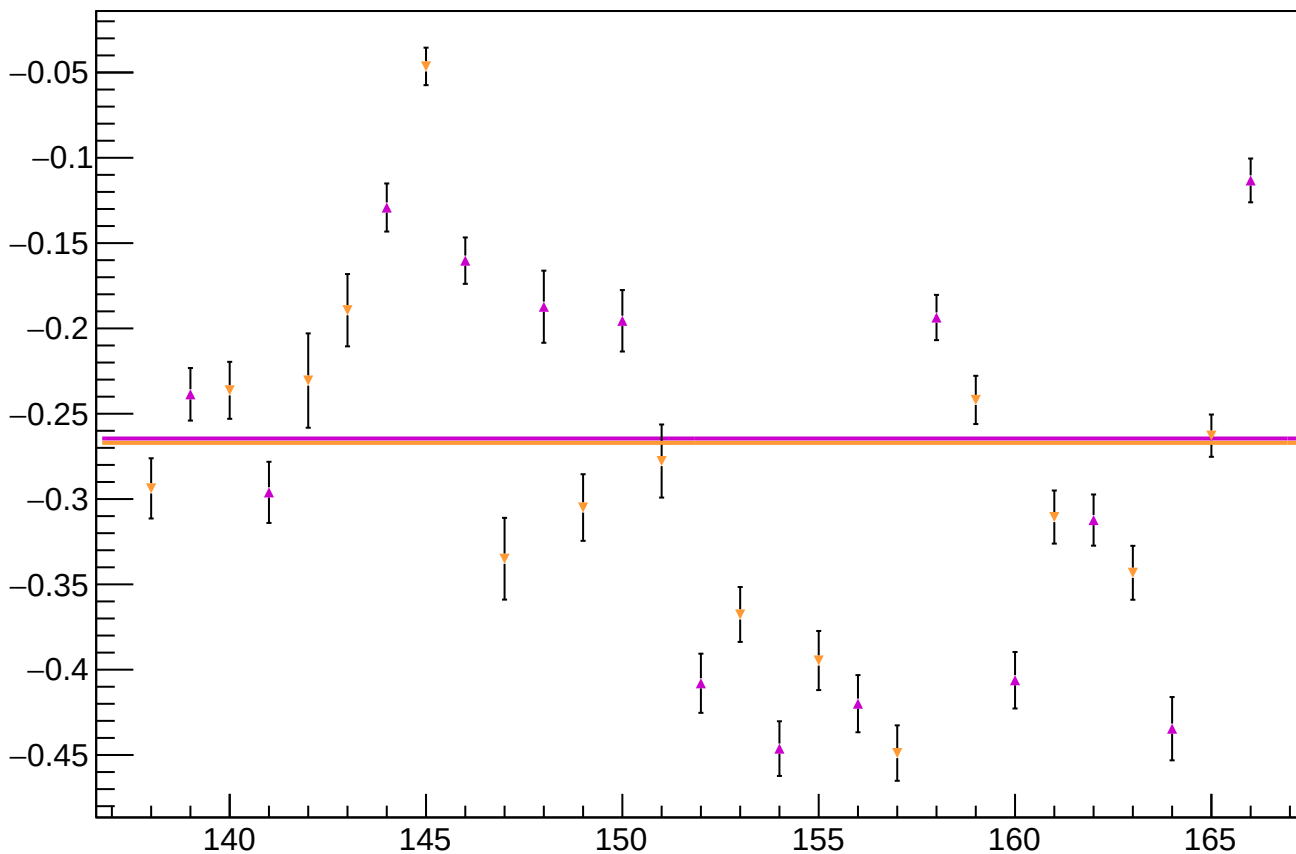
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 43.897+/-0.091 χ^2/NDF :2633.9/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 42.328+/-0.090 χ^2/NDF :3437.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 43.103+/-0.064 χ^2/NDF : 6222.0/28
 - 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: -0.267+/-0.004 χ^2/NDF : 689.2/14

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

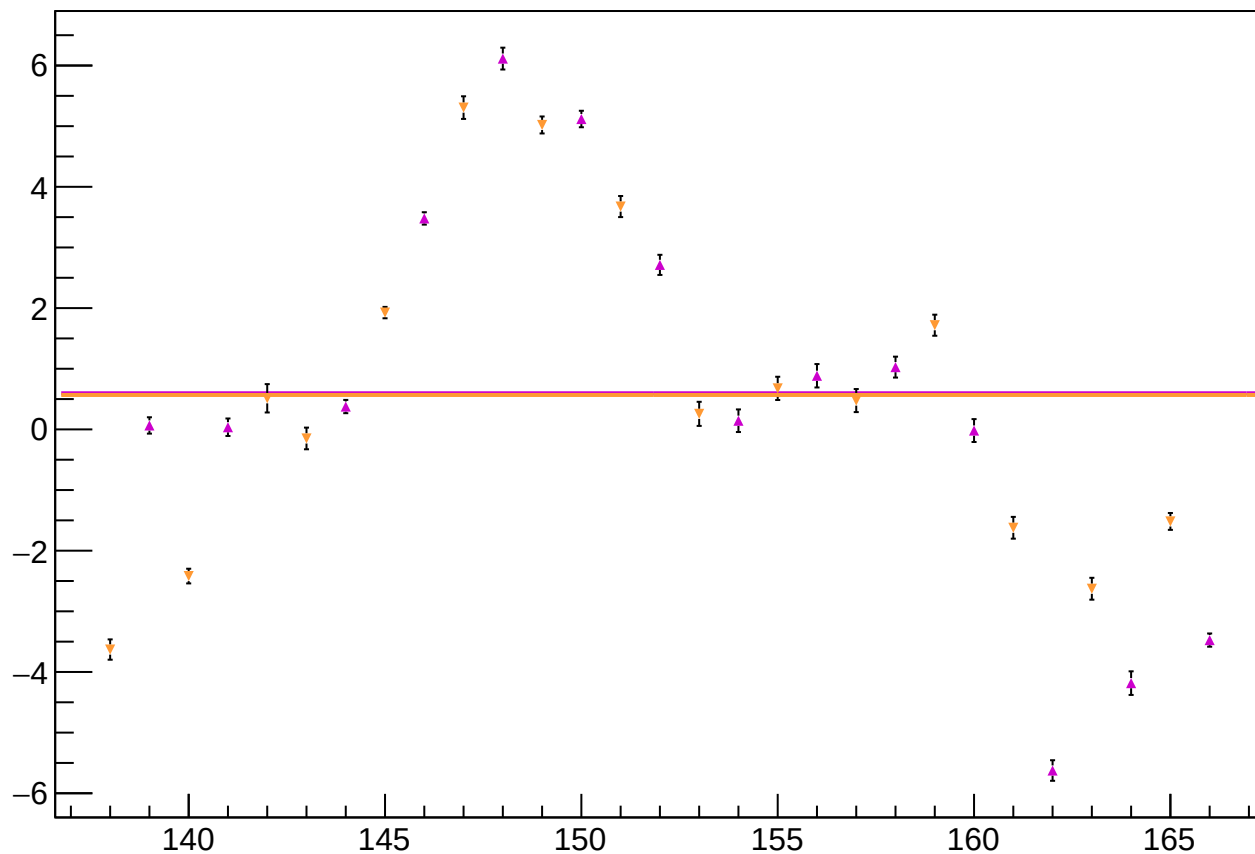
Left In: -0.265+/-0.004 χ^2/NDF : 803.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.266+/-0.003 χ^2/NDF : 1492.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

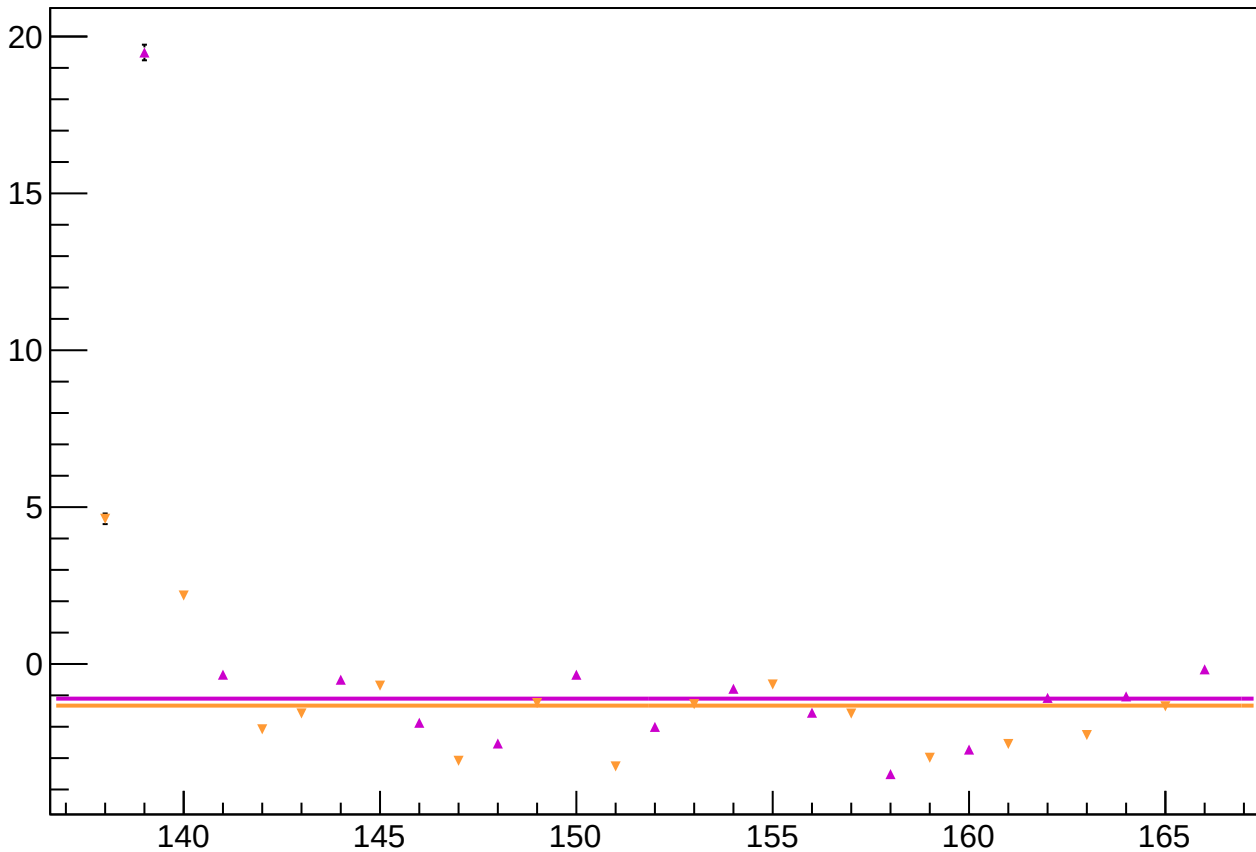
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.568 $\pm$ 0.041 χ^2 /NDF:4171.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.596 $\pm$ 0.039 χ^2 /NDF:6407.5/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.582 $\pm$ 0.028 χ^2 /NDF: 10579.6/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

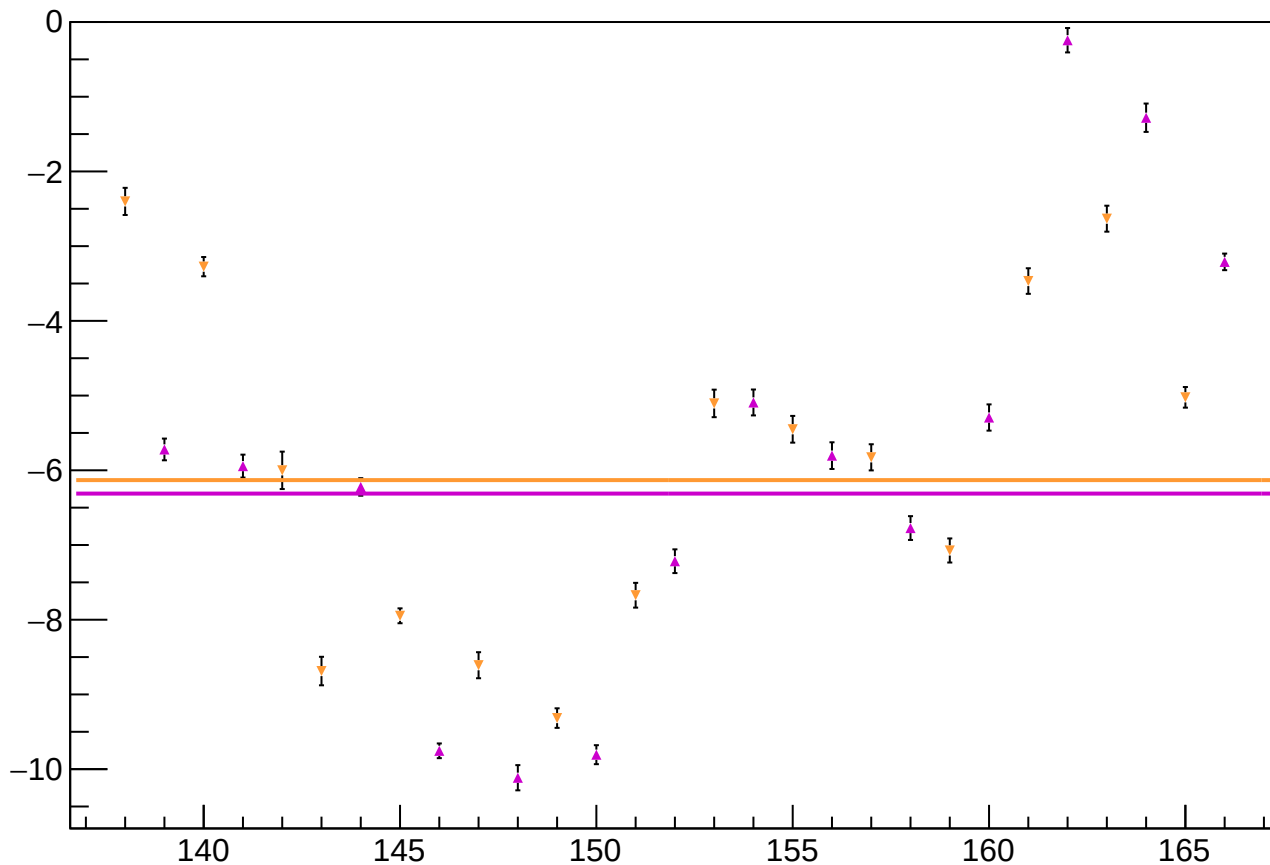
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -1.326 ± 0.029 $\chi^2/\text{NDF}: 3674.3/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -1.104 ± 0.028 $\chi^2/\text{NDF}: 8143.3/13$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -1.212 ± 0.020 $\chi^2/\text{NDF}: 11847.7/28$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

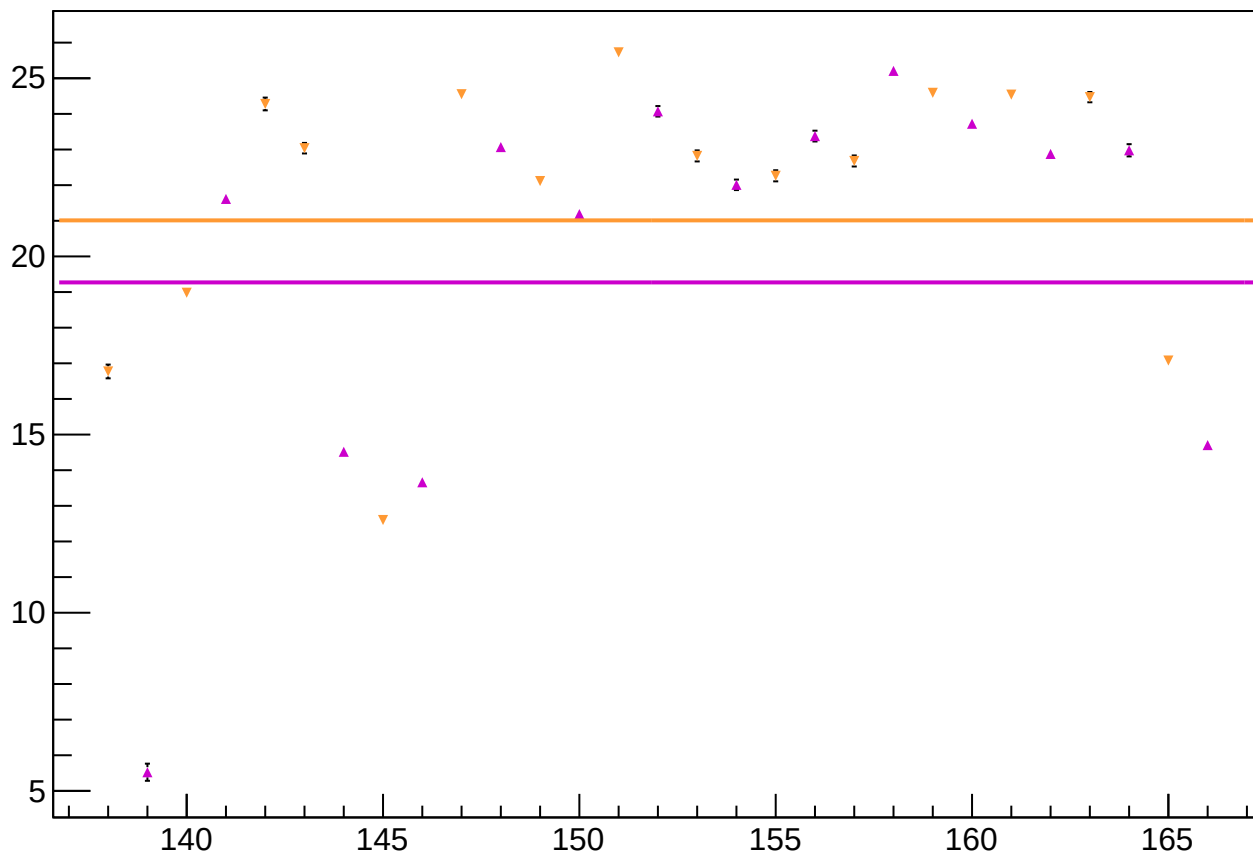
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.131 $\pm$ 0.040 χ^2 /NDF:3099.1/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.312 $\pm$ 0.038 χ^2 /NDF:5505.8/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.227 $\pm$ 0.028 χ^2 /NDF: 8615.4/28
 - 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: 21.012+/-0.034 χ^2/NDF : 15986.0/14

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

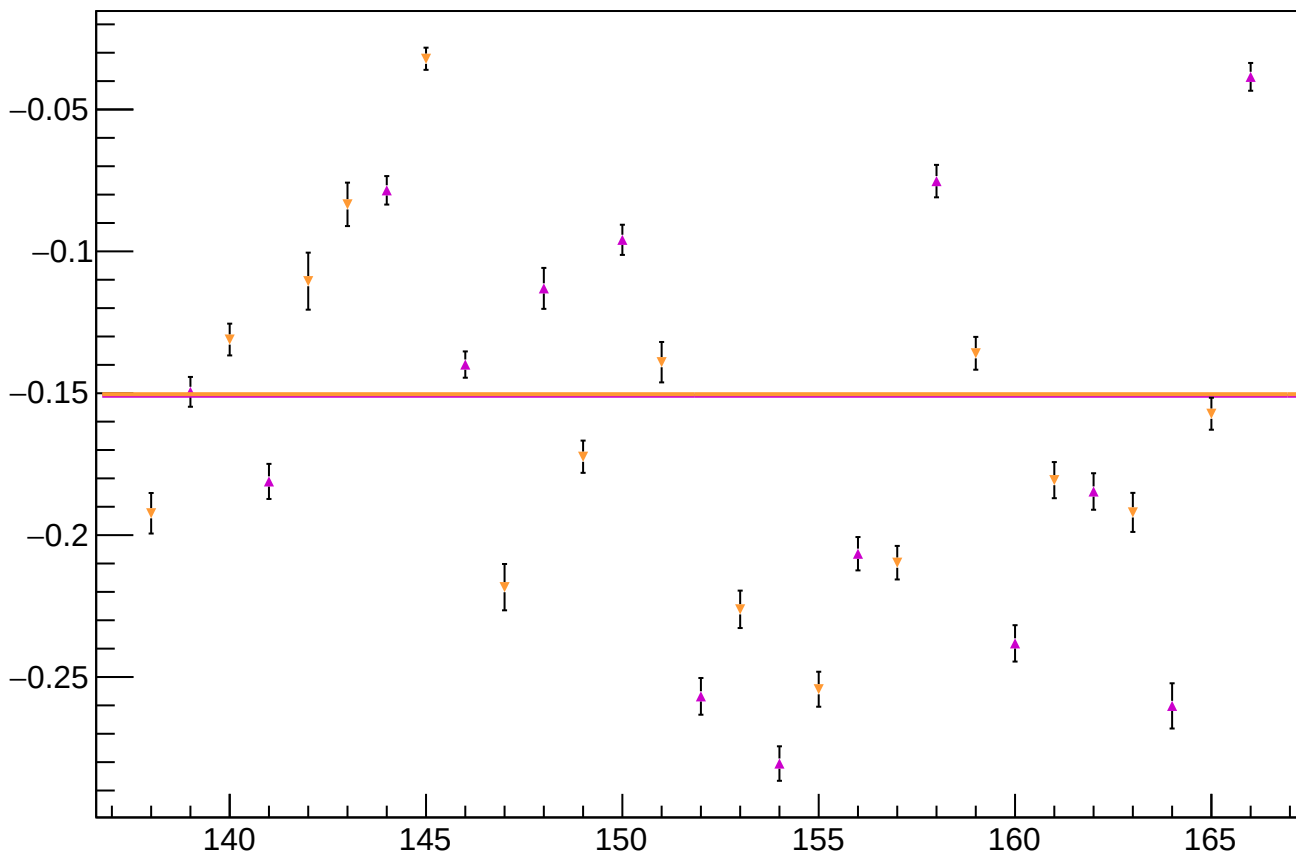
Left In: 19.270+/-0.033 χ^2/NDF : 20607.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.112+/-0.024 χ^2/NDF : 37950.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

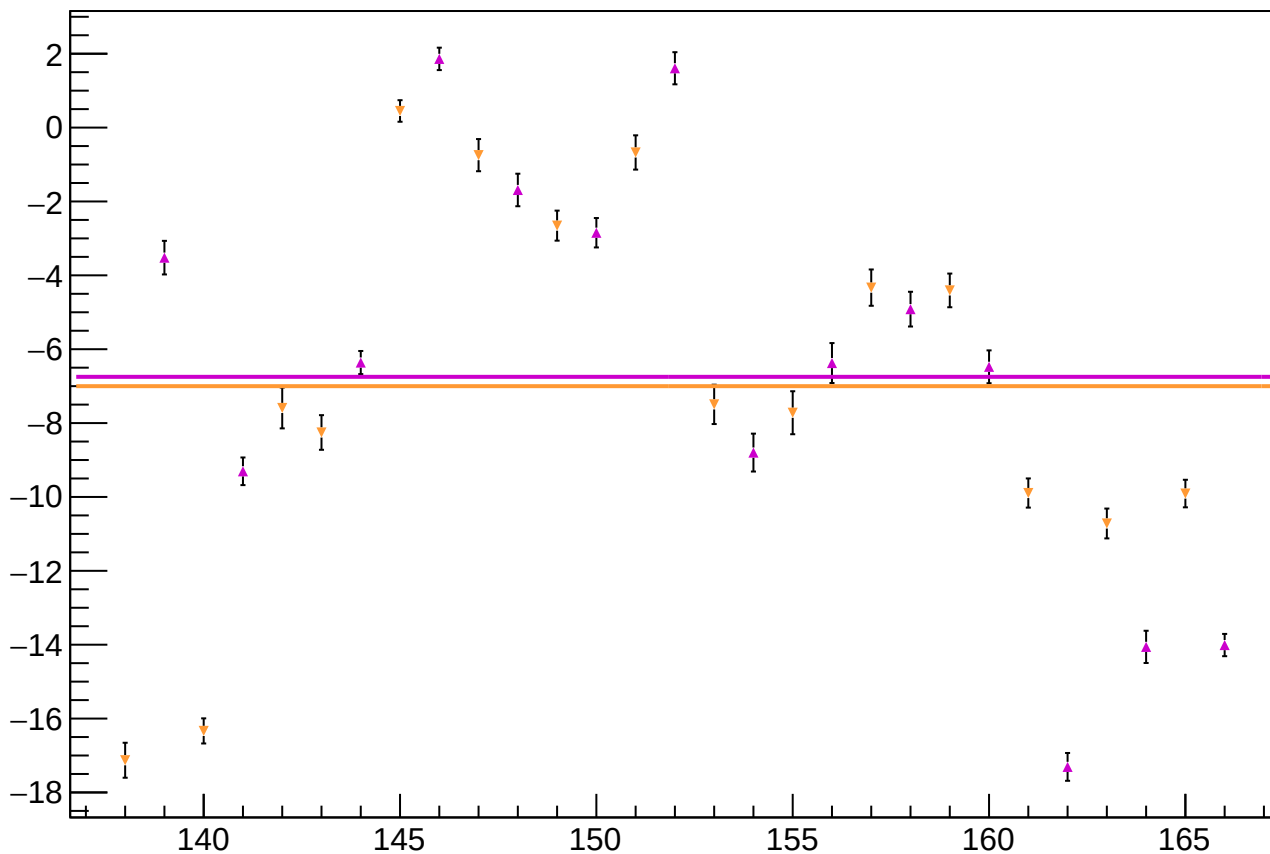
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.150+/-0.002 χ^2/NDF : 1724.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.151+/-0.002 χ^2/NDF : 2285.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.151+/-0.001 χ^2/NDF : 4010.6/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

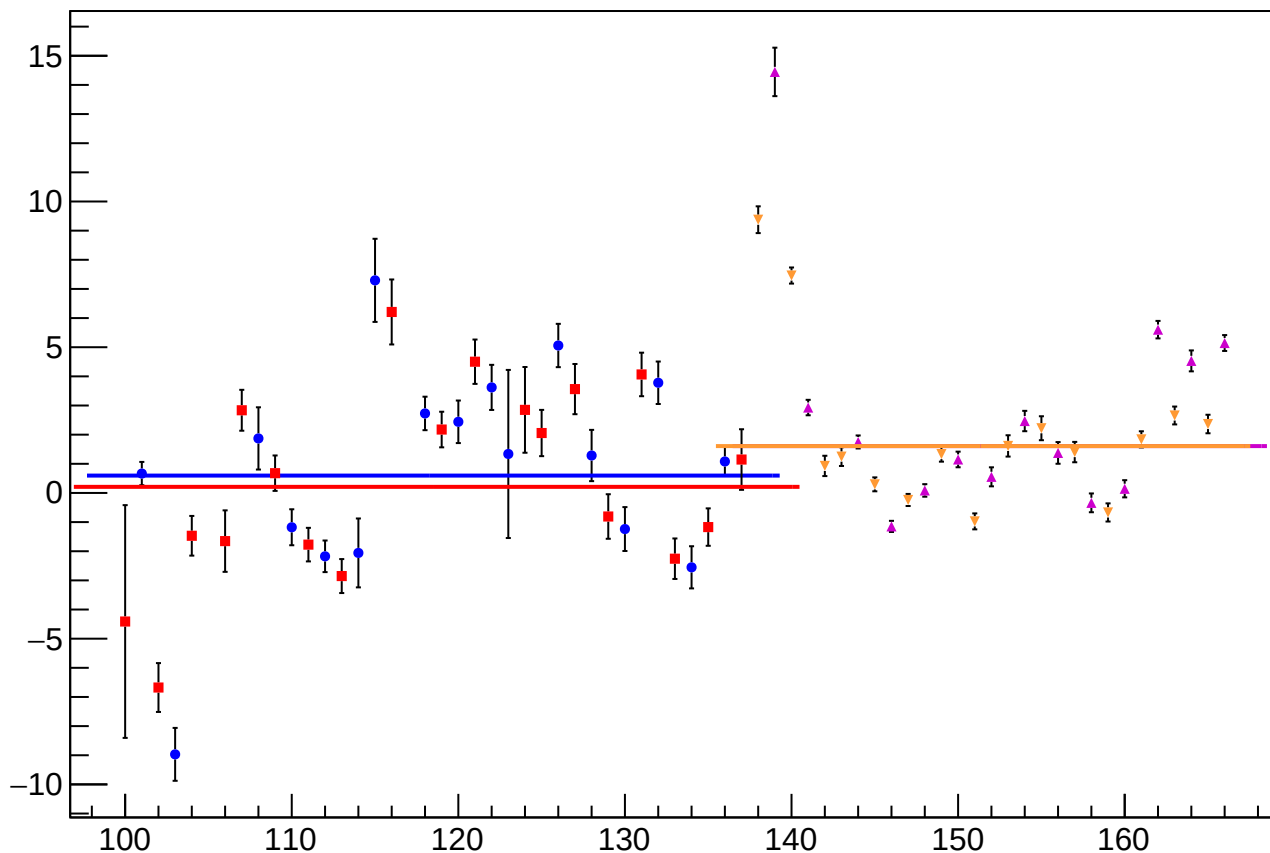
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.001 $\pm$ 0.109 χ^2 /NDF:2640.0/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.748 $\pm$ 0.105 χ^2 /NDF:3179.7/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.870 $\pm$ 0.076 χ^2 /NDF: 5822.6/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 1.608 ± 0.077 χ^2/NDF : 1013.7/14

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

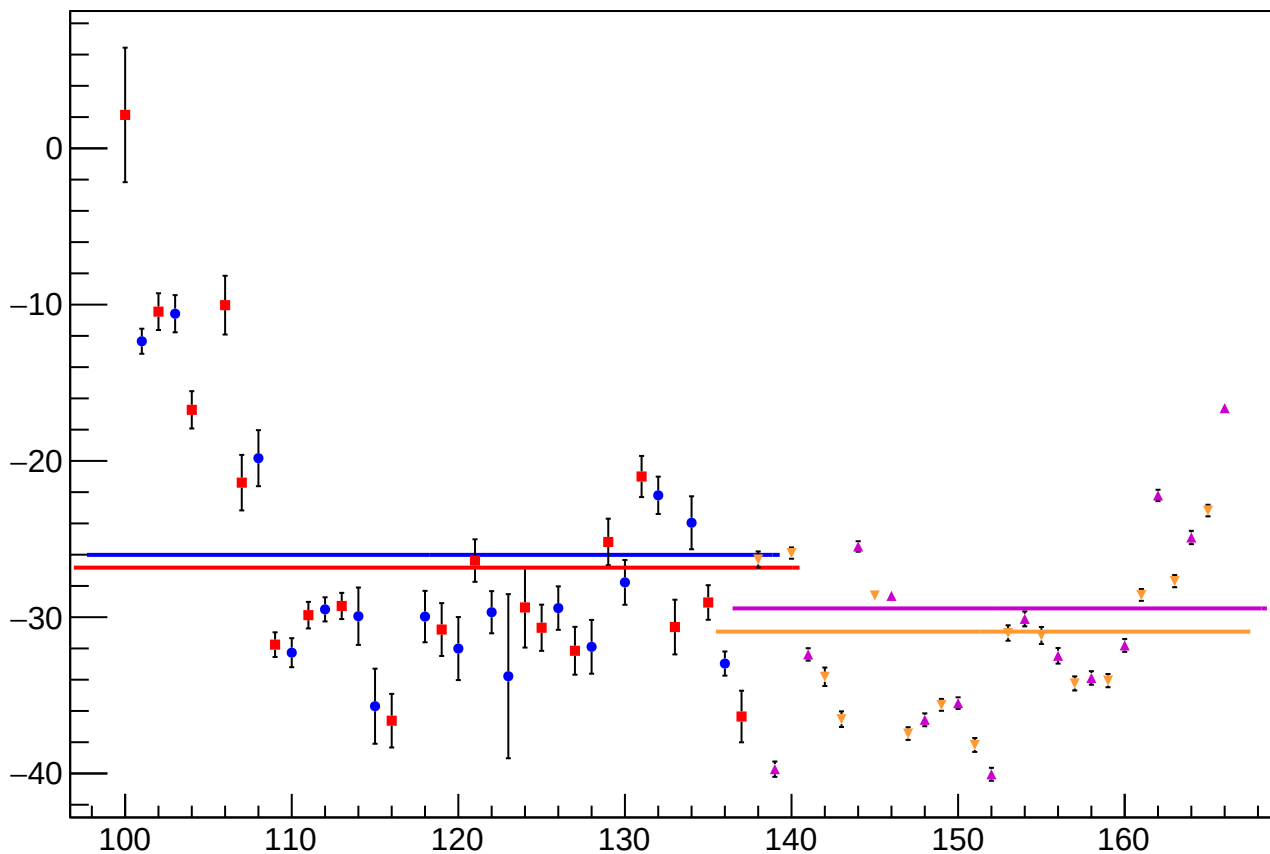
Left In: 1.608 ± 0.075 χ^2/NDF : 1014.7/13

+ sign 1.435 ± 0.070 χ^2/NDF : 1334.6/31

All: 1.412 ± 0.049 χ^2/NDF : 2677.2/64

- sign 1.389 ± 0.069 χ^2/NDF : 1342.3/32

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -30.924 ± 0.108 χ^2/NDF : 1807.9/14

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

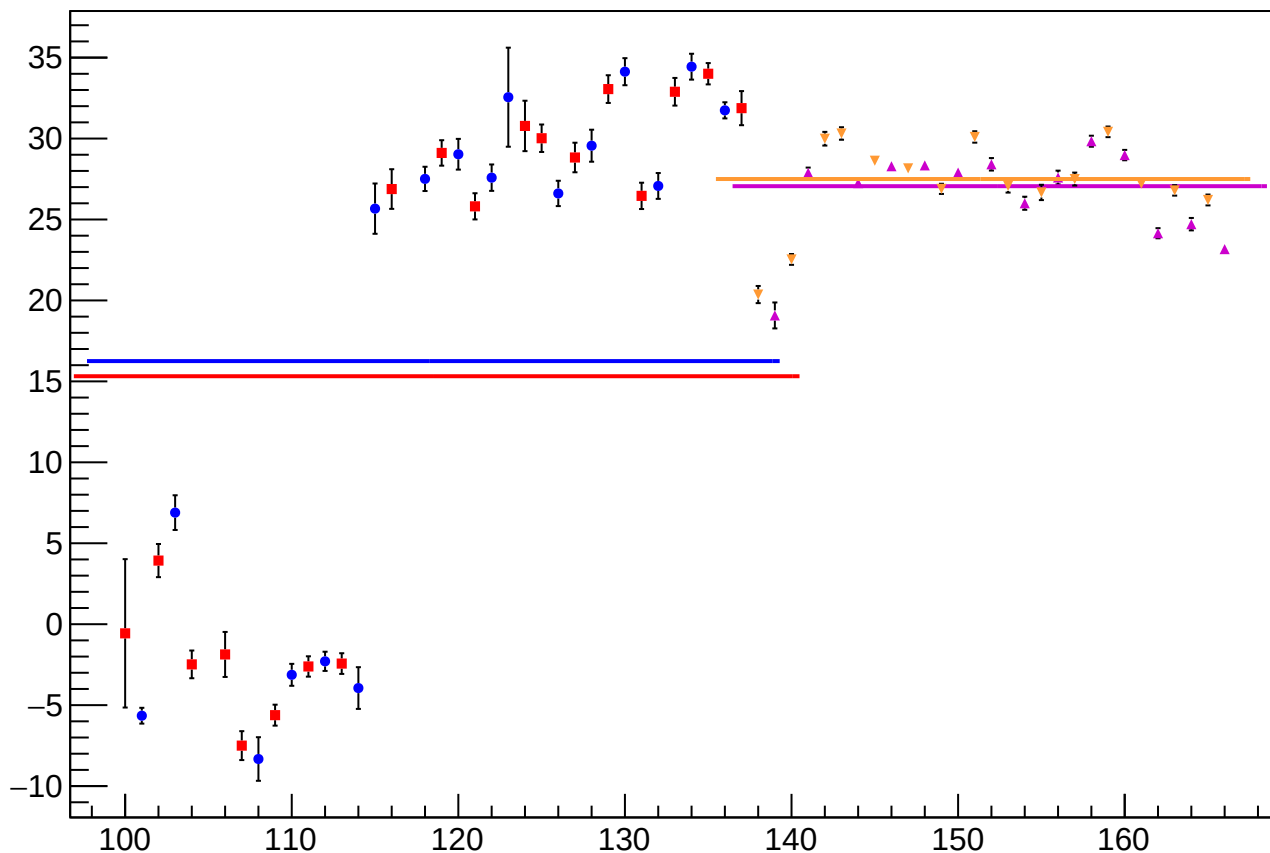
Left In: -29.438 ± 0.104 χ^2/NDF : 4281.4/13

+ sign -30.358 ± 0.102 χ^2/NDF : 2738.8/31

All: -29.734 ± 0.070 χ^2/NDF : 7743.0/64

- sign -29.156 ± 0.098 χ^2/NDF : 4931.6/32

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253 $\pm$ 0.191 χ^2 /NDF: 7611.3/16

Left Out: 27.501 $\pm$ 0.090 χ^2 /NDF: 673.6/14

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

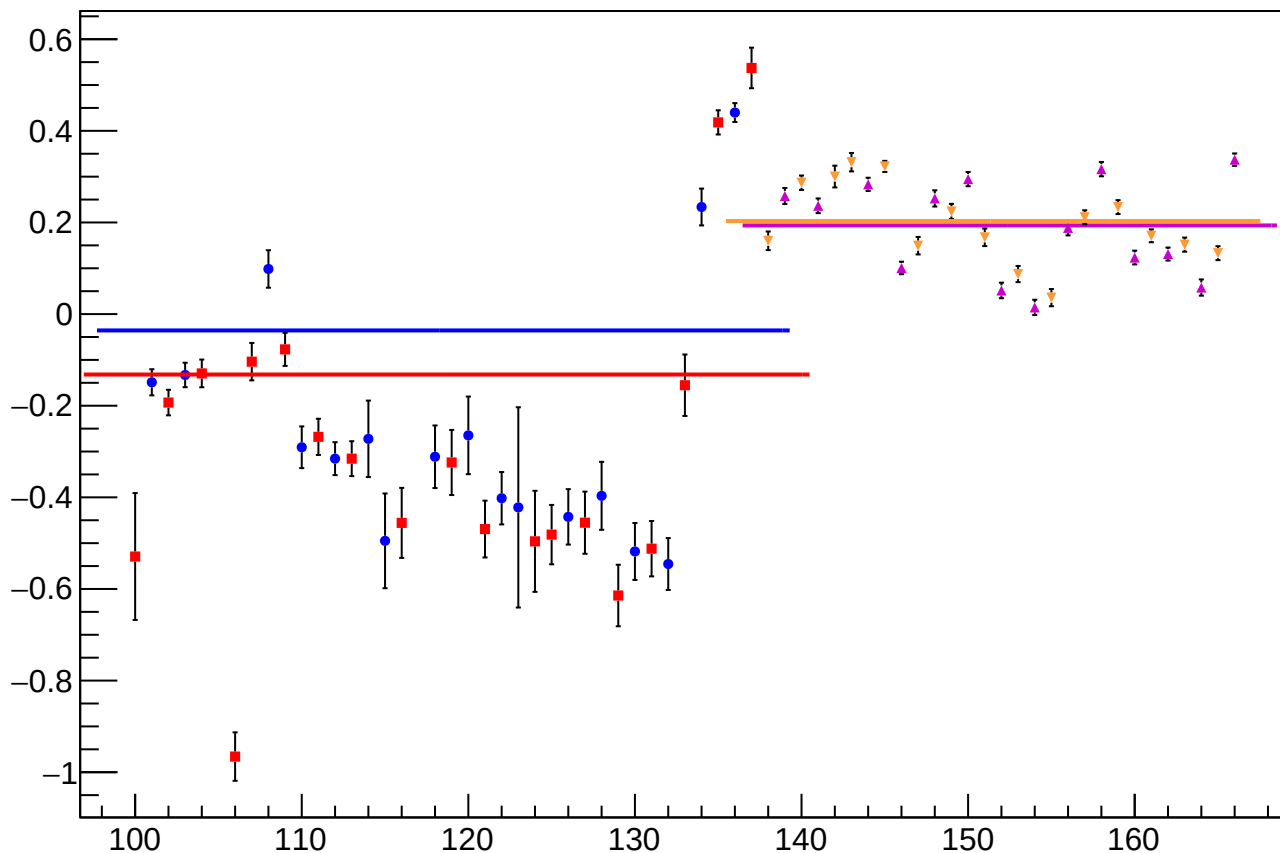
Left In: 27.058 $\pm$ 0.088 χ^2 /NDF: 583.1/13

+ sign 25.467 $\pm$ 0.081 χ^2 /NDF: 11124.9/31

All: 25.289 $\pm$ 0.057 χ^2 /NDF: 21961.9/64

- sign 25.117 $\pm$ 0.080 χ^2 /NDF: 10827.6/32

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.203 ± 0.004 χ^2/NDF : 363.9/14

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

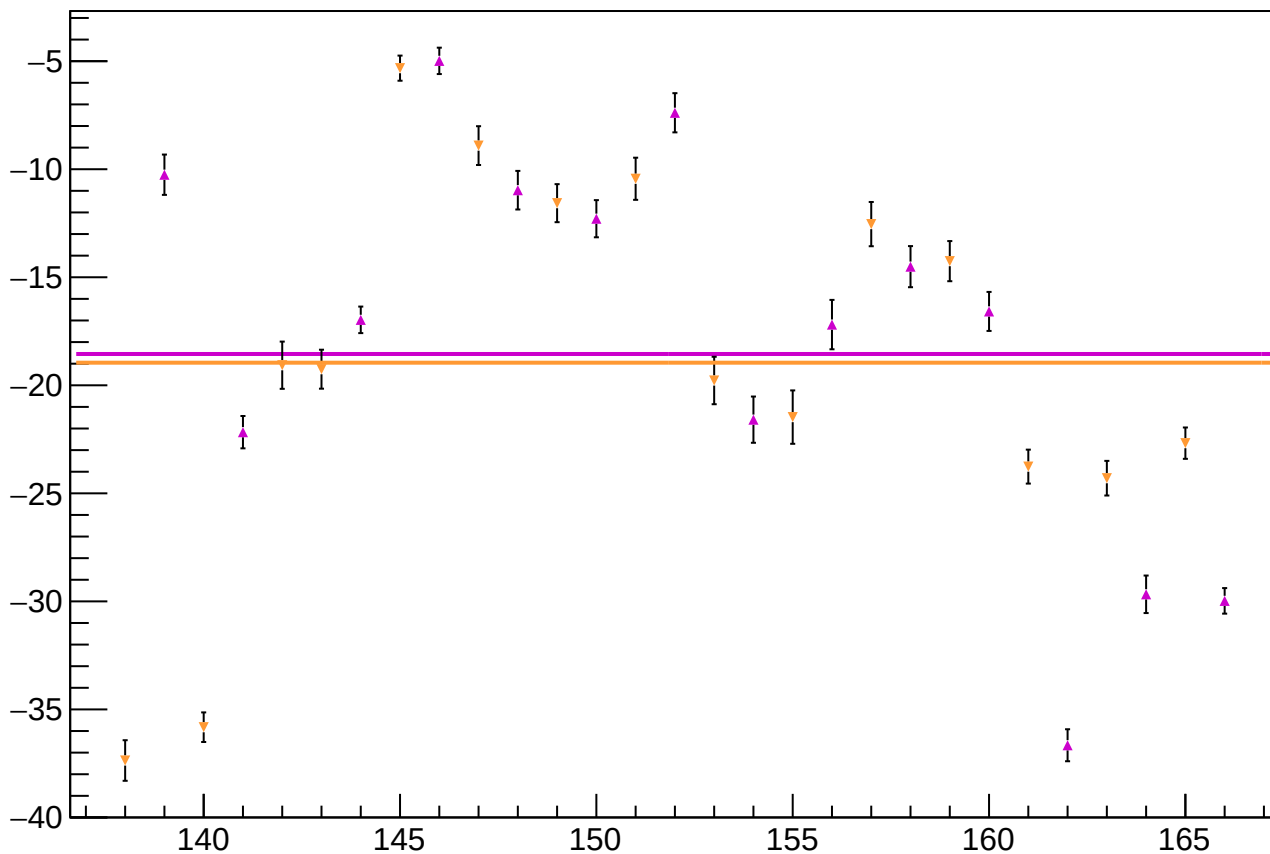
Left In: 0.194 ± 0.004 χ^2/NDF : 617.0/13

+ sign 0.168 ± 0.004 χ^2/NDF : 1836.5/31

All: 0.158 ± 0.003 χ^2/NDF : 4487.2/64

- sign 0.148 ± 0.004 χ^2/NDF : 2637.4/32

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.954+/-0.221 χ^2/NDF :1990.3/14

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

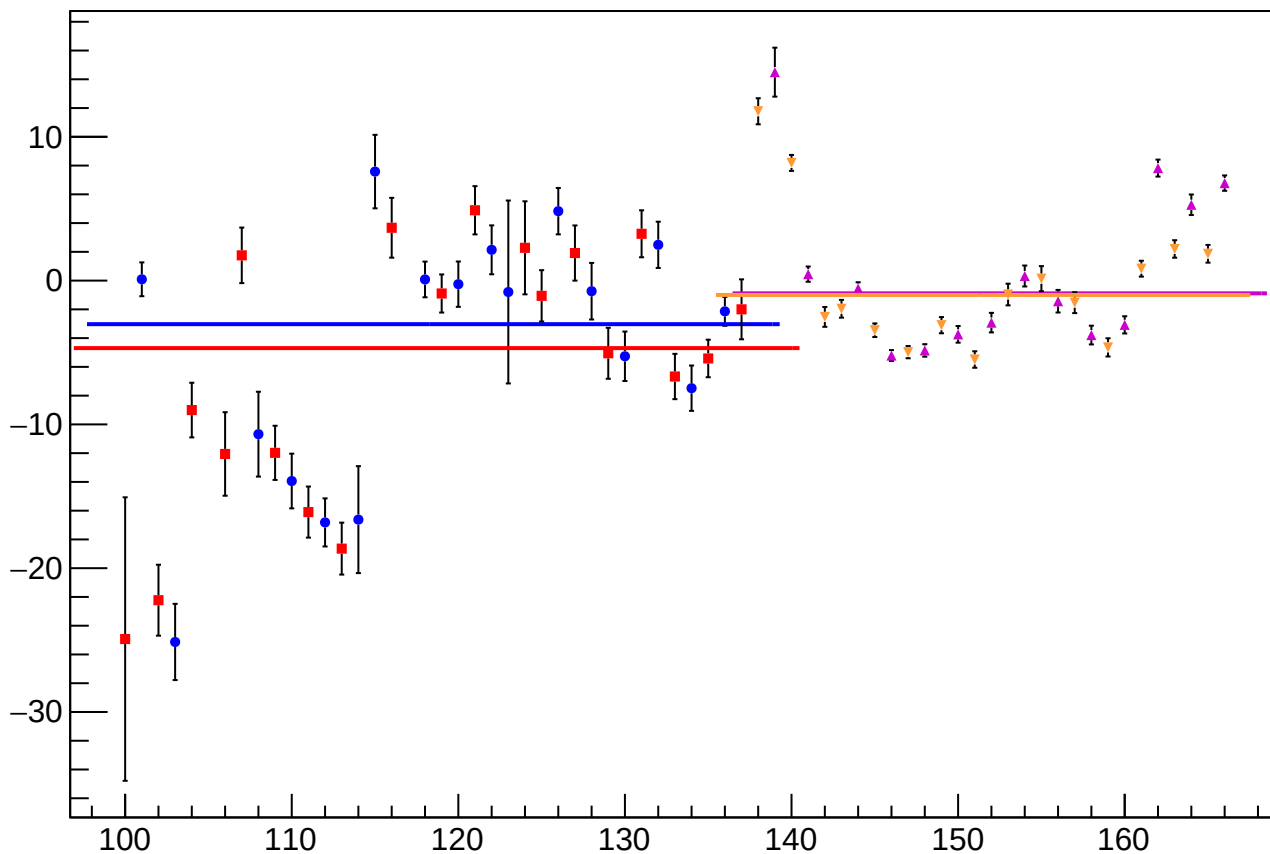
Left In: -18.551+/-0.213 χ^2/NDF :2046.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.745+/-0.153 χ^2/NDF : 4038.8/28

- 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: -0.997 ± 0.155 χ^2/NDF : 764.2/14

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

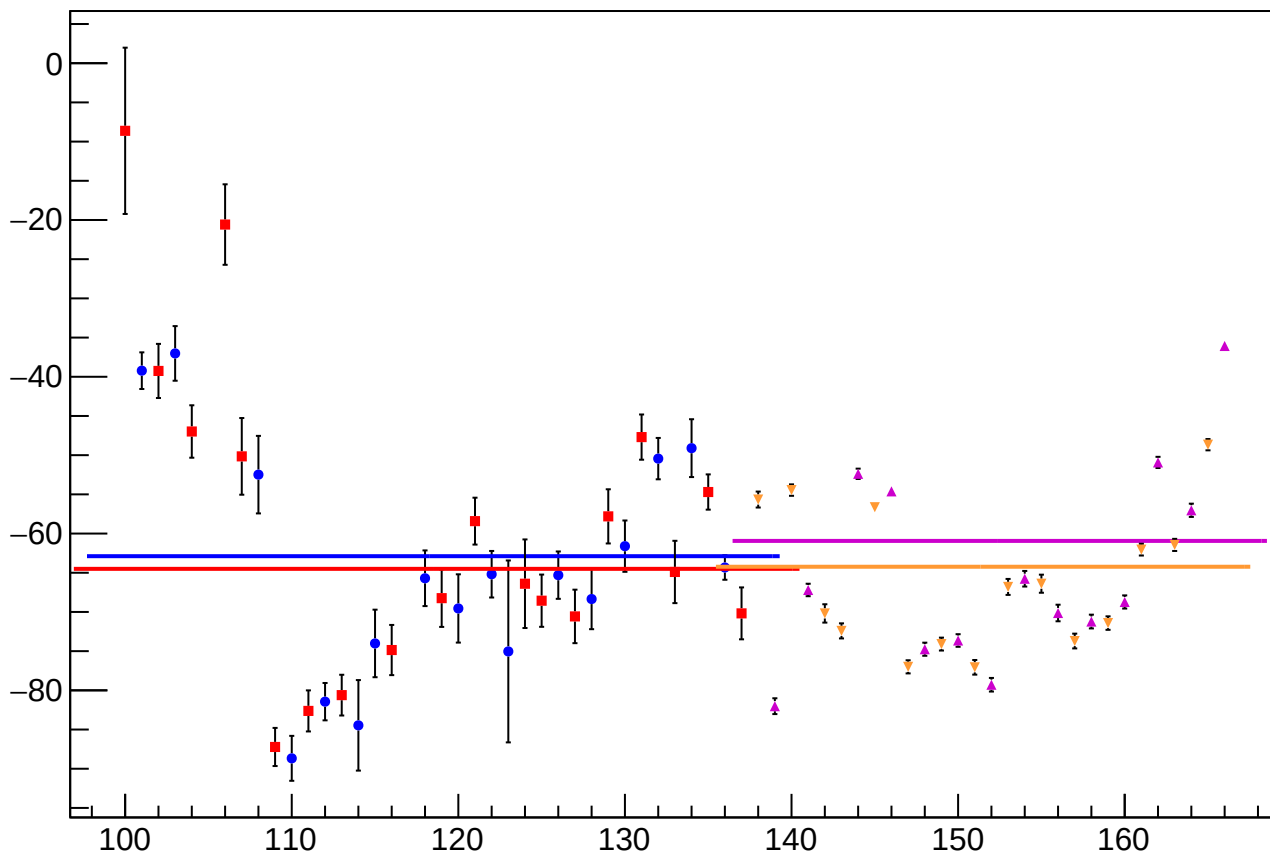
Left In: -0.886 ± 0.152 χ^2/NDF : 871.0/13

+ sign -1.255 ± 0.145 χ^2/NDF : 1066.8/31

All: -1.284 ± 0.102 χ^2/NDF : 2306.9/64

- sign -1.313 ± 0.143 χ^2/NDF : 1240.0/32

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 $\chi^2/\text{NDF}: 368.7/16$

Left Out: -64.233 ± 0.219 $\chi^2/\text{NDF}: 1733.6/14$

Right Out: -64.502 ± 0.751 $\chi^2/\text{NDF}: 444.1/18$

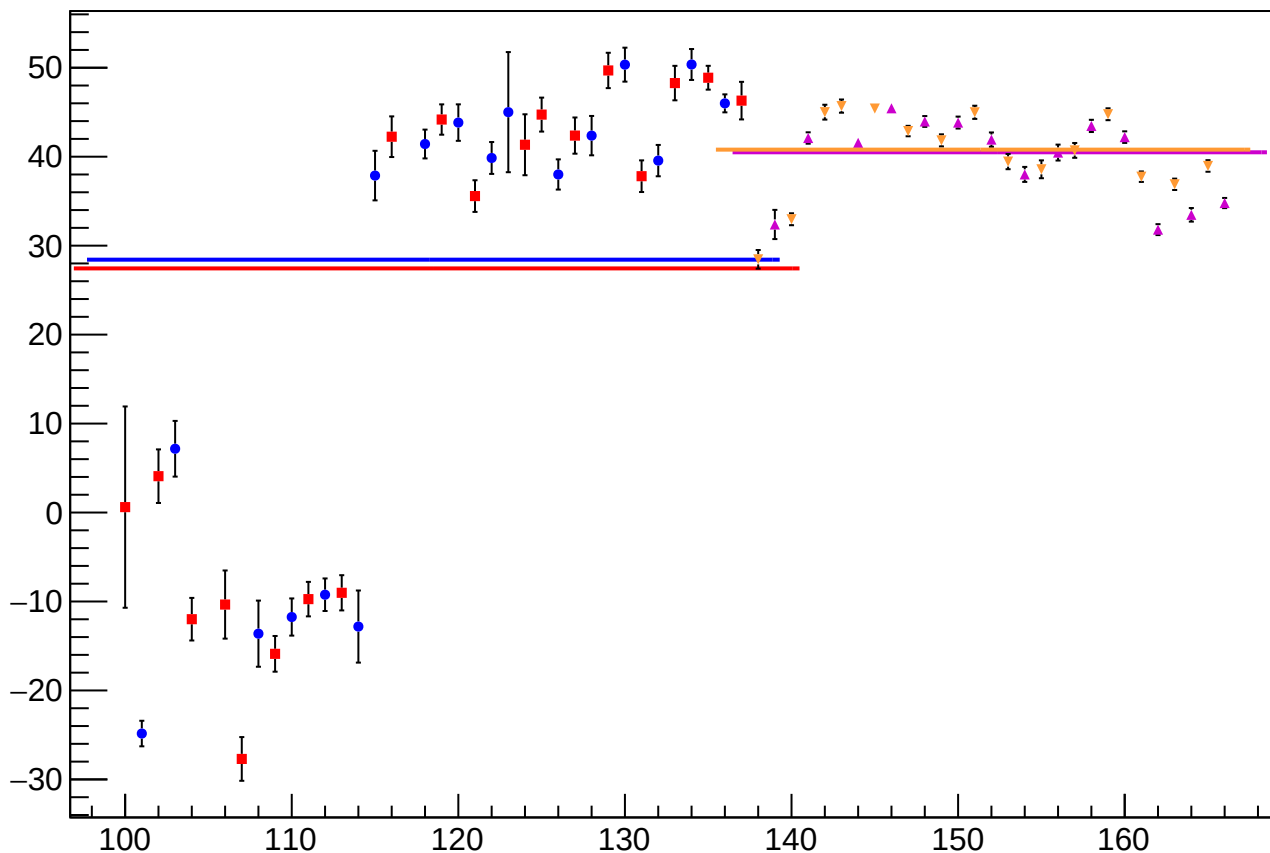
Left In: -60.937 ± 0.209 $\chi^2/\text{NDF}: 3998.0/13$

+ sign -64.124 ± 0.210 $\chi^2/\text{NDF}: 2105.4/31$

All: -62.601 ± 0.145 $\chi^2/\text{NDF}: 6669.7/64$

- sign -61.194 ± 0.202 $\chi^2/\text{NDF}: 4462.9/32$

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: 40.793 $\pm$ 0.182 χ^2 /NDF: 576.2/14

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

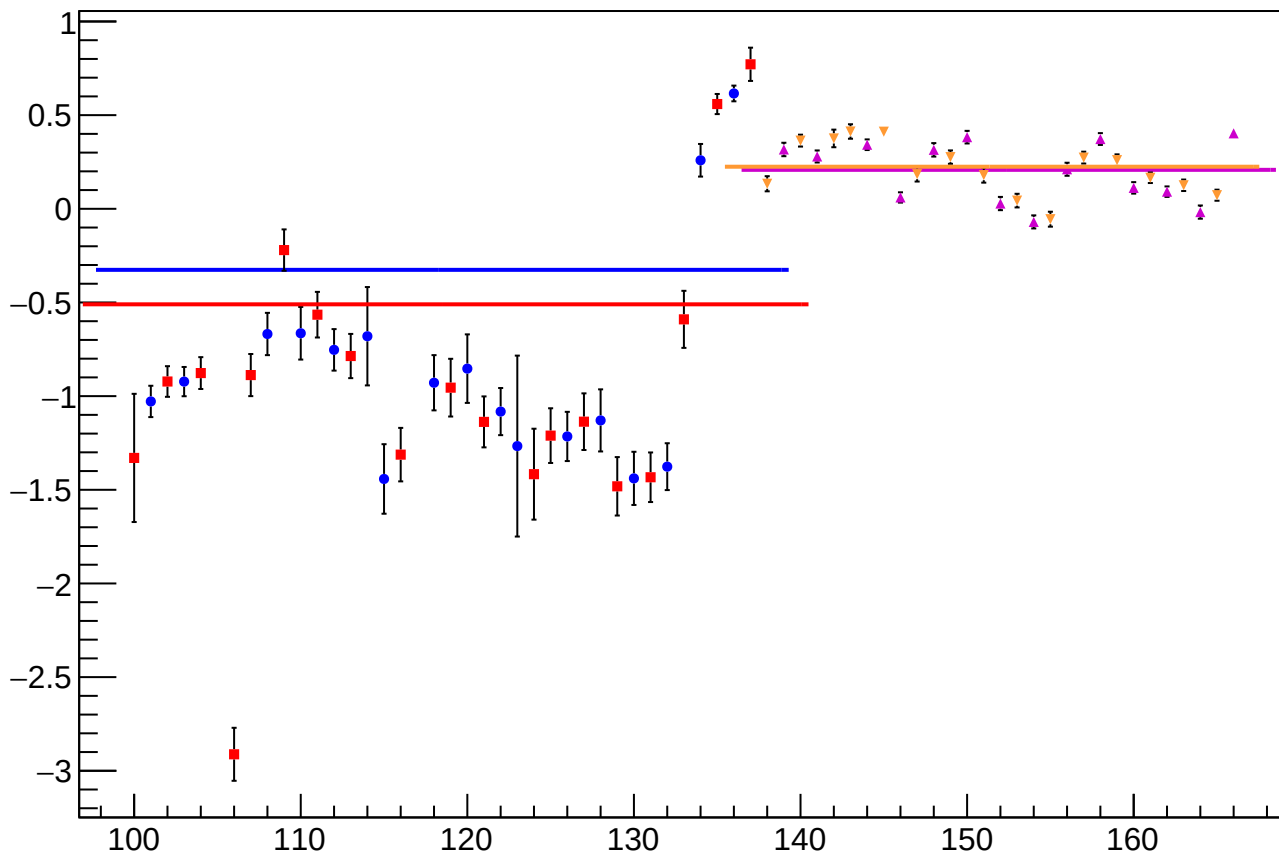
Left In: 40.494 $\pm$ 0.177 χ^2 /NDF: 621.4/13

+ sign 39.107 $\pm$ 0.169 χ^2 /NDF: 4538.9/31

All: 39.015 $\pm$ 0.118 χ^2 /NDF: 8848.3/64

- sign 38.926 $\pm$ 0.166 χ^2 /NDF: 4308.7/32

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.225 ± 0.009 χ^2/NDF : 241.2/14

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

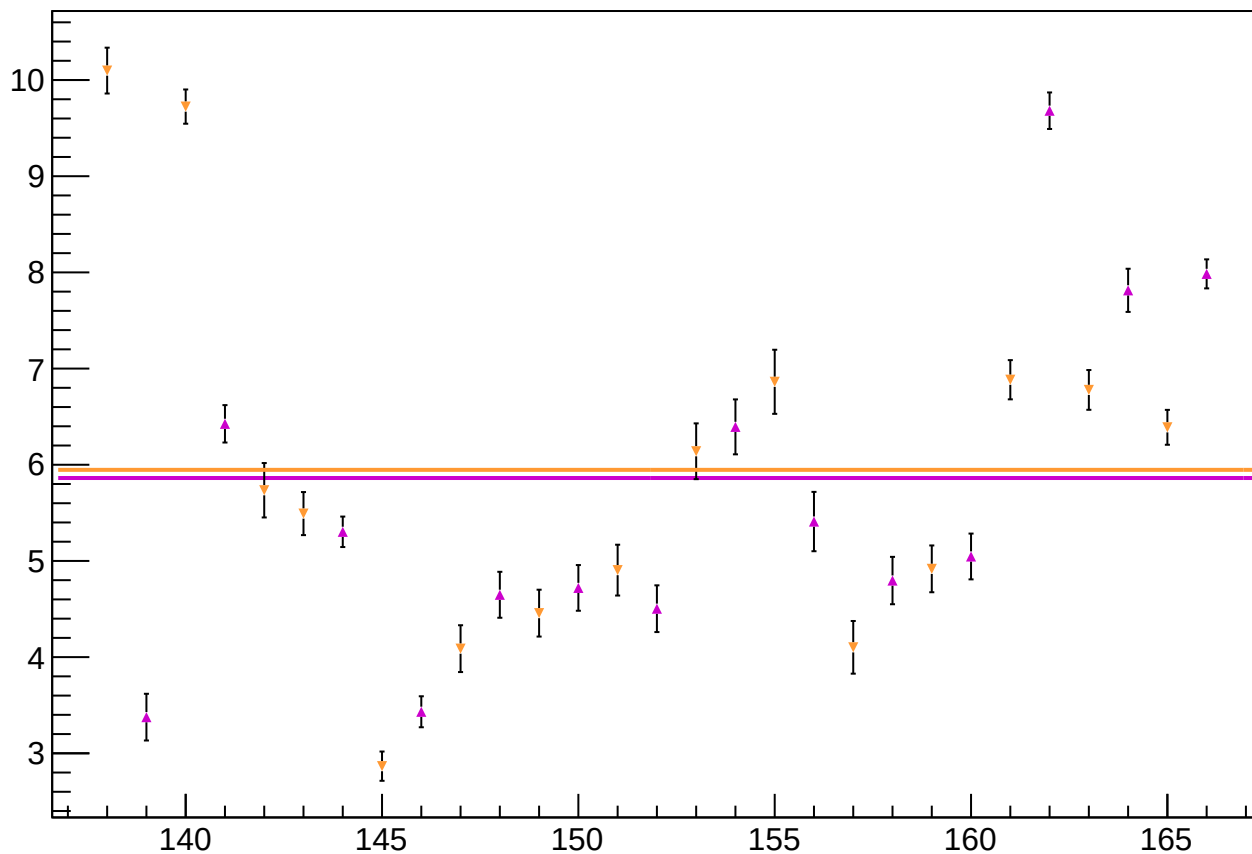
Left In: 0.208 ± 0.008 χ^2/NDF : 339.3/13

+ sign 0.165 ± 0.008 χ^2/NDF : 1690.5/31

All: 0.151 ± 0.006 χ^2/NDF : 3909.1/64

- sign 0.138 ± 0.008 χ^2/NDF : 2212.8/32

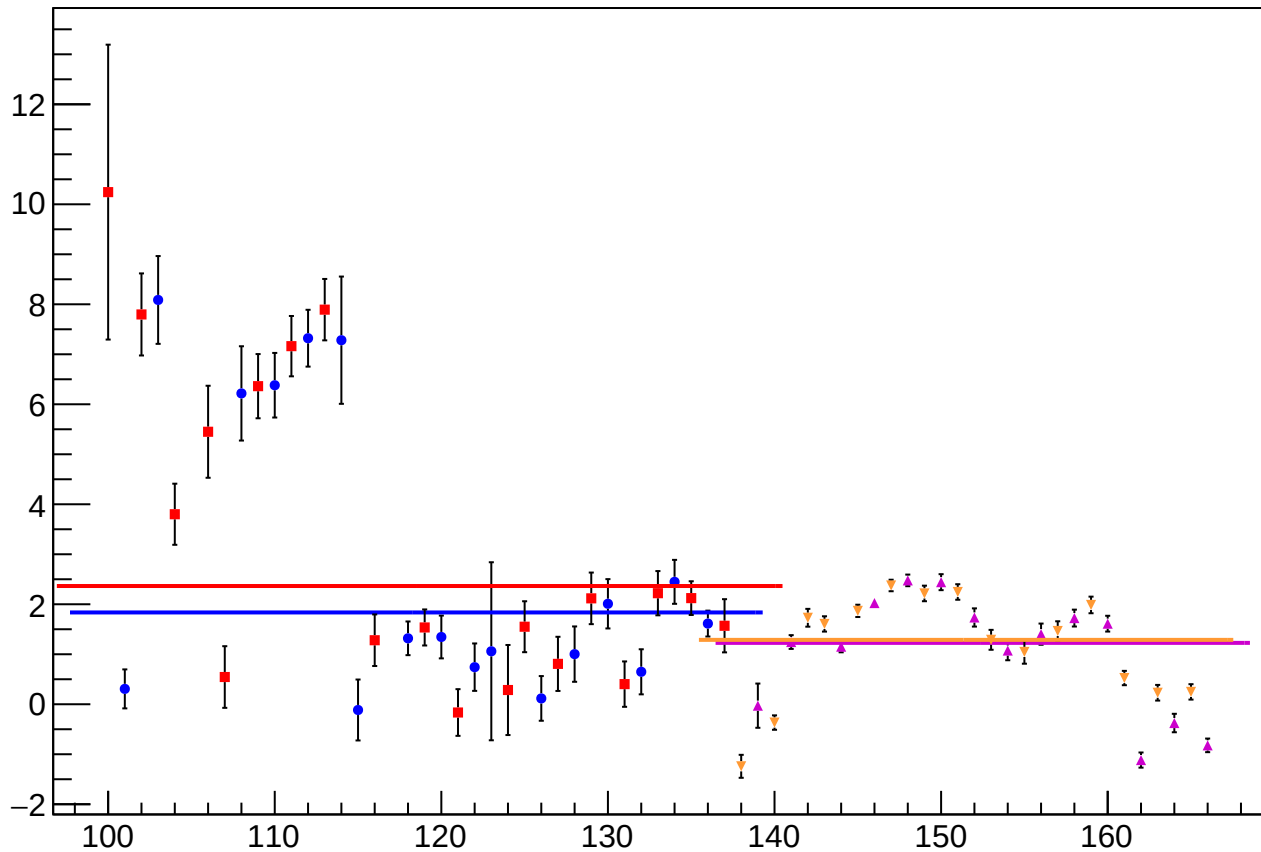
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.947+/-0.058 χ^2/NDF :1393.9/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.862+/-0.056 χ^2/NDF :1147.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 5.903+/-0.040 χ^2/NDF : 2542.6/28
 - 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: 1.288 ± 0.041 χ^2/NDF : 587.3/14

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

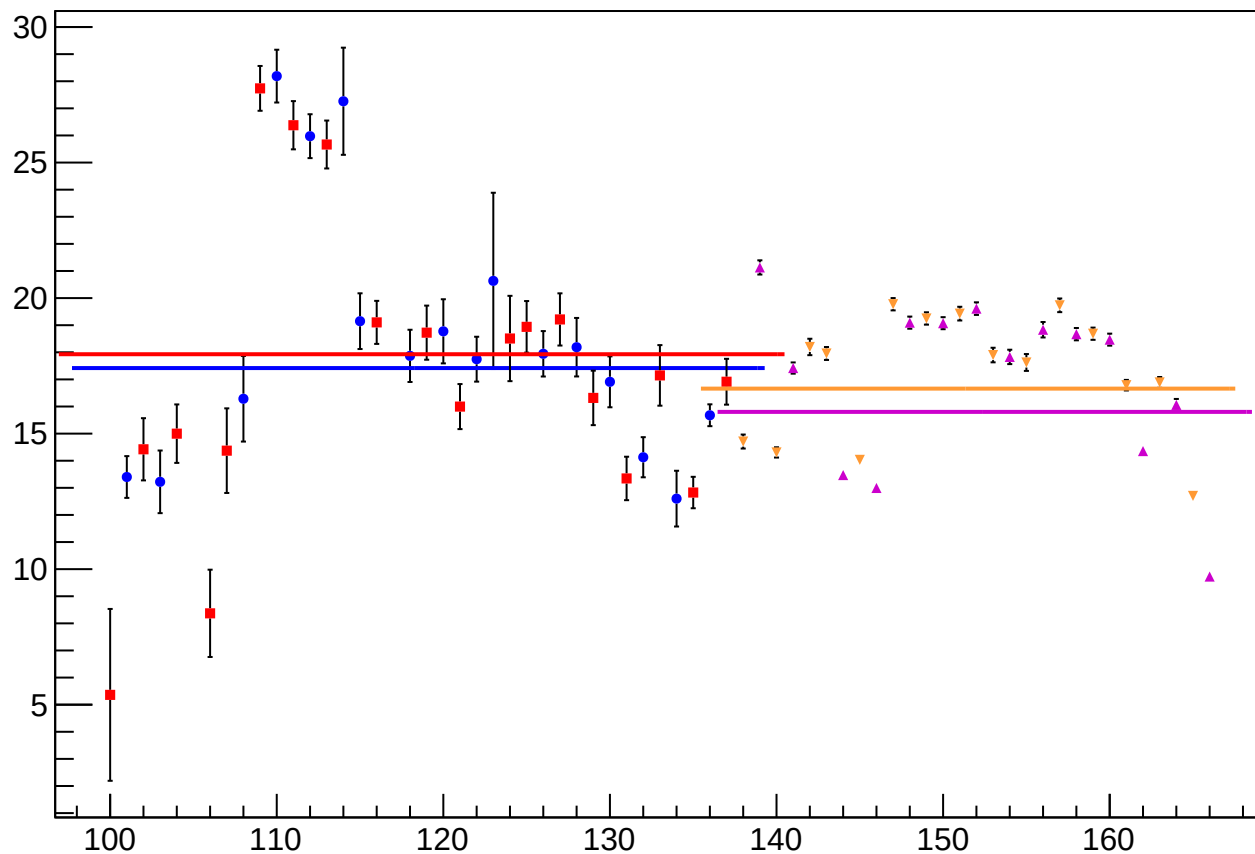
Left In: 1.228 ± 0.040 χ^2/NDF : 813.7/13

+ sign 1.348 ± 0.038 χ^2/NDF : 902.1/31

All: 1.341 ± 0.027 χ^2/NDF : 2130.1/64

- sign 1.335 ± 0.038 χ^2/NDF : 1228.0/32

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: 16.660 ± 0.057 χ^2/NDF : 1711.3/14

Right Out: 17.929 ± 0.219 χ^2/NDF : 506.3/18

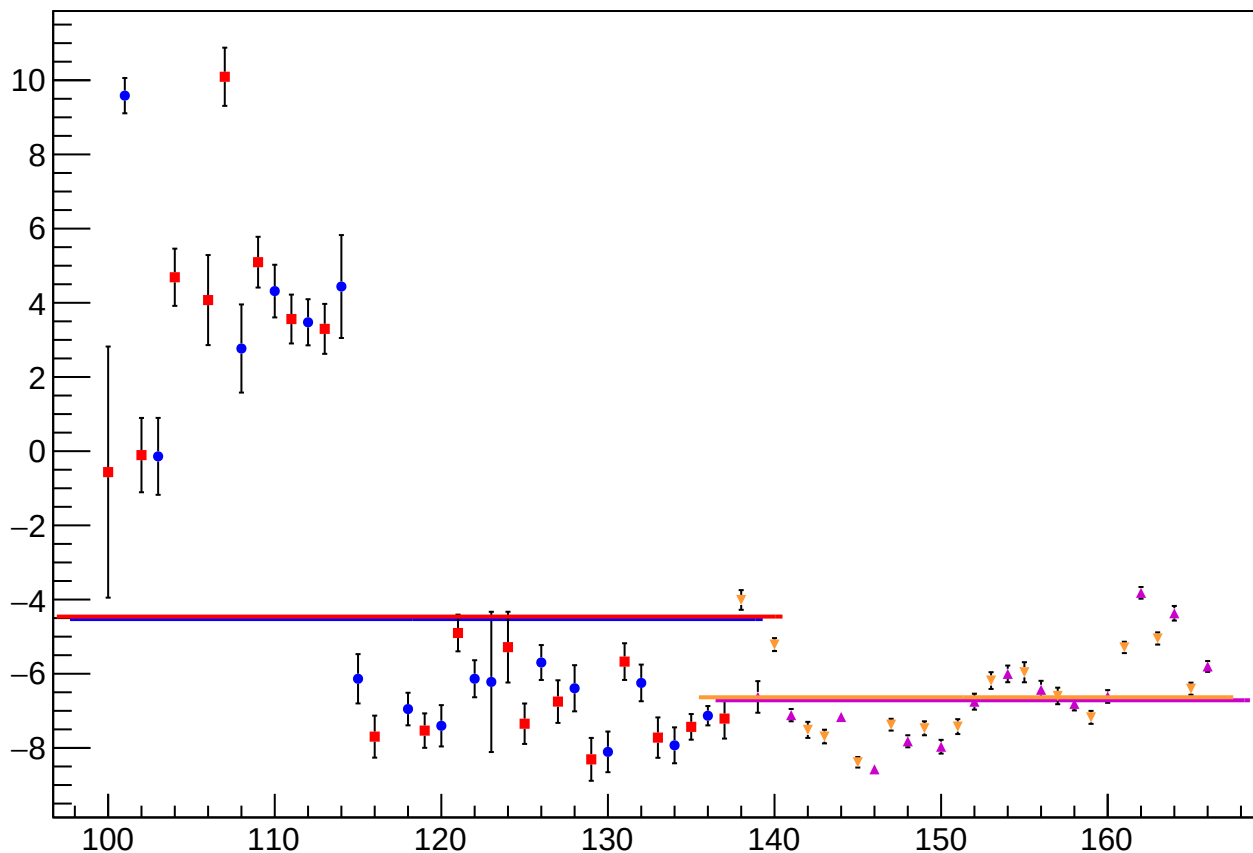
Left In: 15.802 ± 0.055 χ^2/NDF : 3794.9/13

+ sign 16.712 ± 0.055 χ^2/NDF : 2090.1/31

All: 16.305 ± 0.038 χ^2/NDF : 6584.8/64

- sign 15.928 ± 0.053 χ^2/NDF : 4390.1/32

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: -6.635 ± 0.048 χ^2/NDF : 613.5/14

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

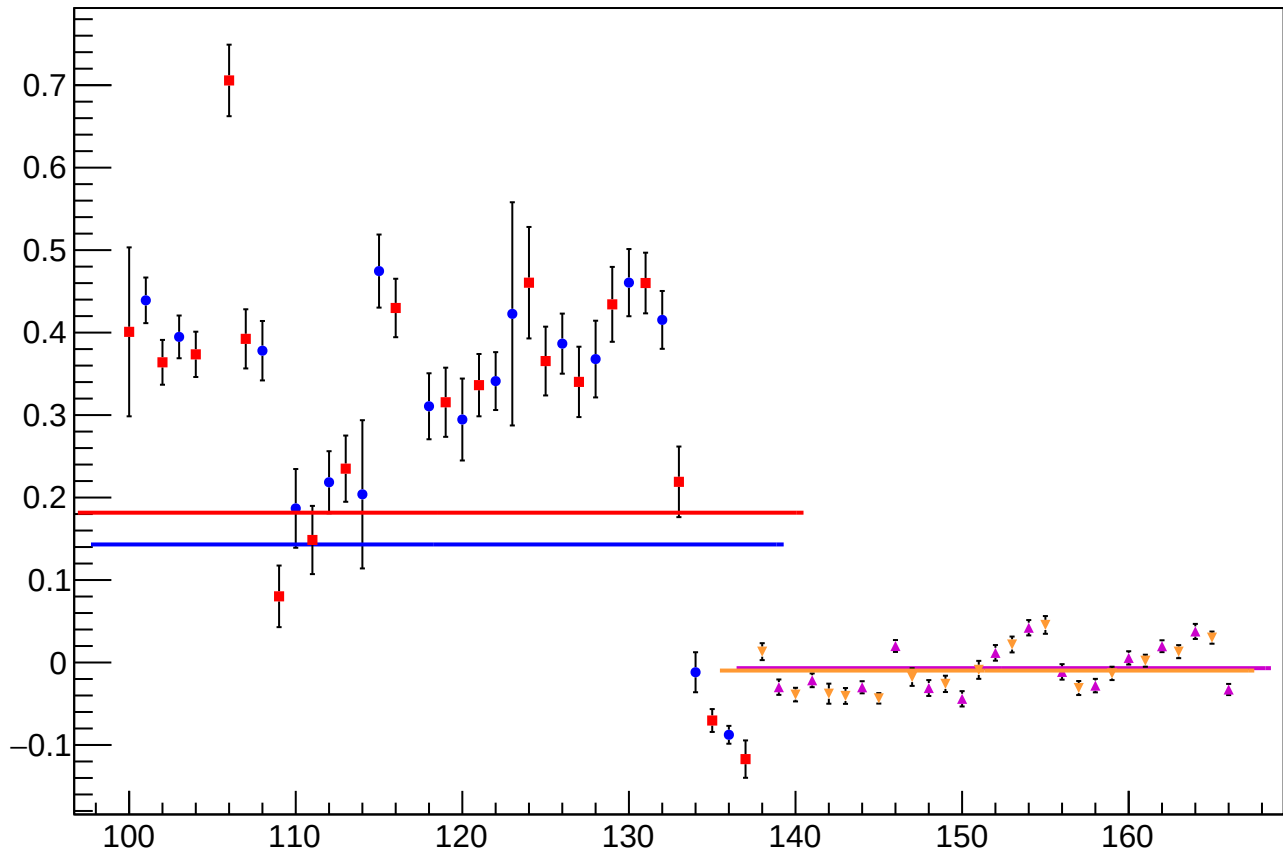
Left In: -6.716 ± 0.046 χ^2/NDF : 863.1/13

+ sign -6.384 ± 0.045 χ^2/NDF : 2437.3/31

All: -6.435 ± 0.031 χ^2/NDF : 4885.4/64

- sign -6.484 ± 0.044 χ^2/NDF : 2445.6/32

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 ± 0.007 χ^2/NDF : 1060.4/16

Left Out: -0.010 ± 0.002 χ^2/NDF : 148.3/14

Right Out: 0.182 ± 0.007 χ^2/NDF : 1007.8/18

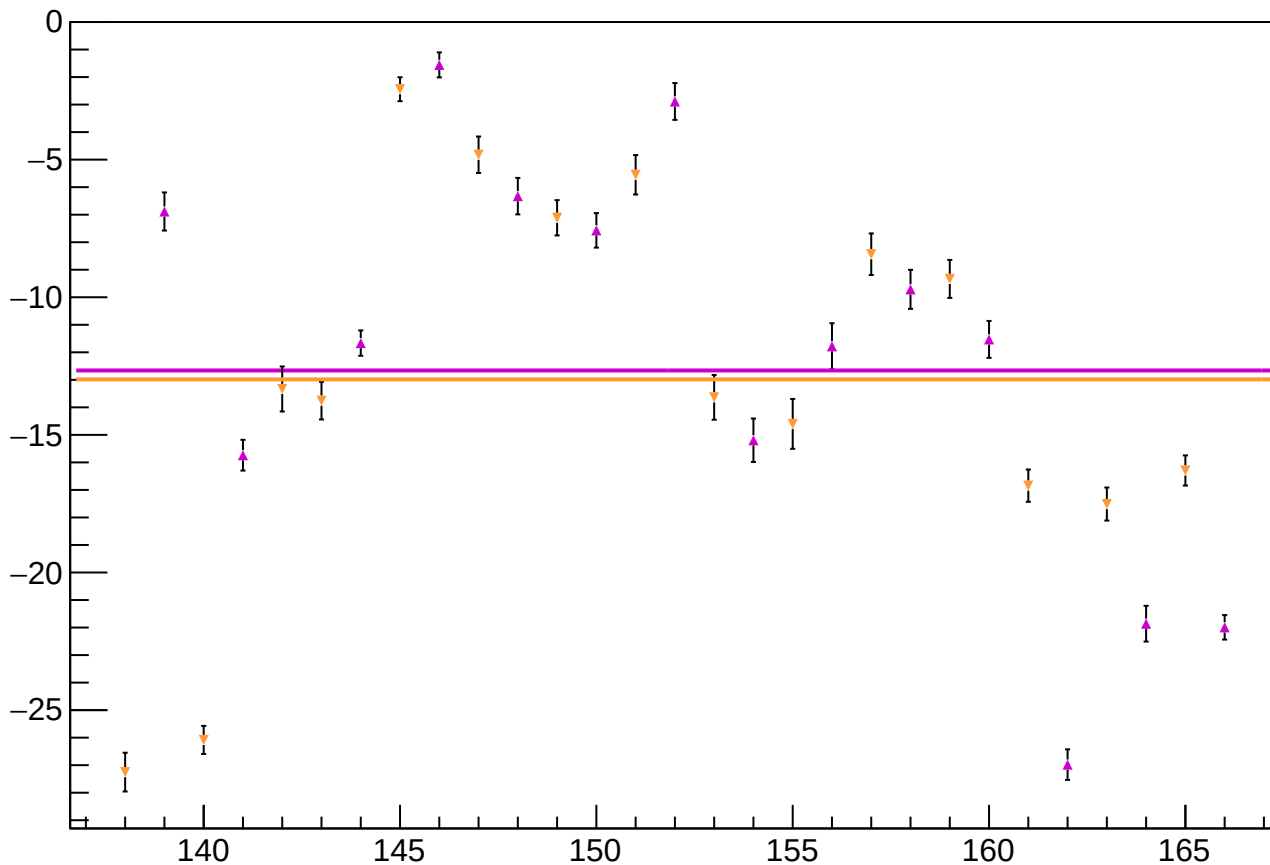
Left In: -0.007 ± 0.002 χ^2/NDF : 148.2/13

+ sign 0.004 ± 0.002 χ^2/NDF : 1635.0/31

All: 0.007 ± 0.002 χ^2/NDF : 3390.5/64

- sign 0.009 ± 0.002 χ^2/NDF : 1753.5/32

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -12.983+/-0.164 χ^2/NDF : 2207.4/14

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

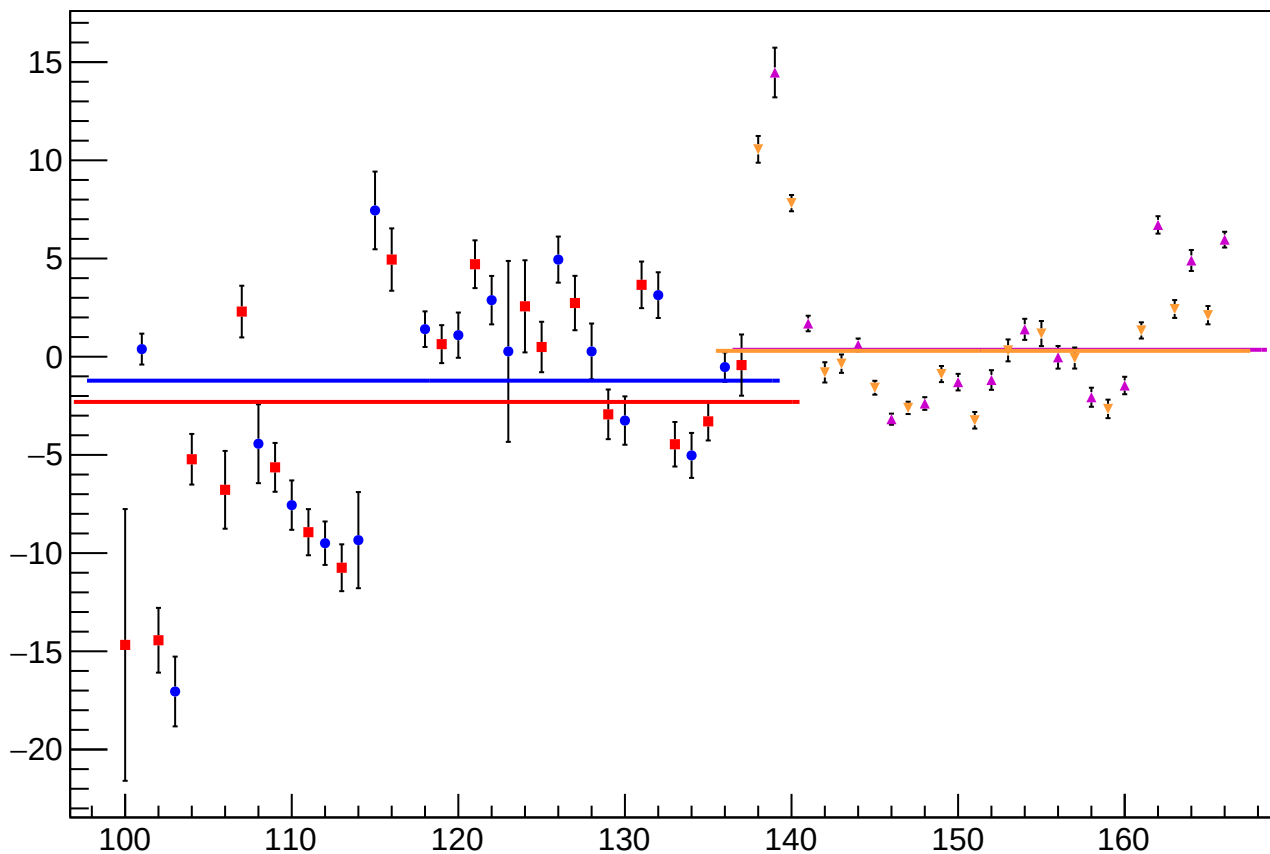
Left In: -12.659+/-0.158 χ^2/NDF : 2409.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.816+/-0.114 χ^2/NDF : 4618.7/28

- 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: 0.299 ± 0.116 χ^2/NDF : 840.5/14

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

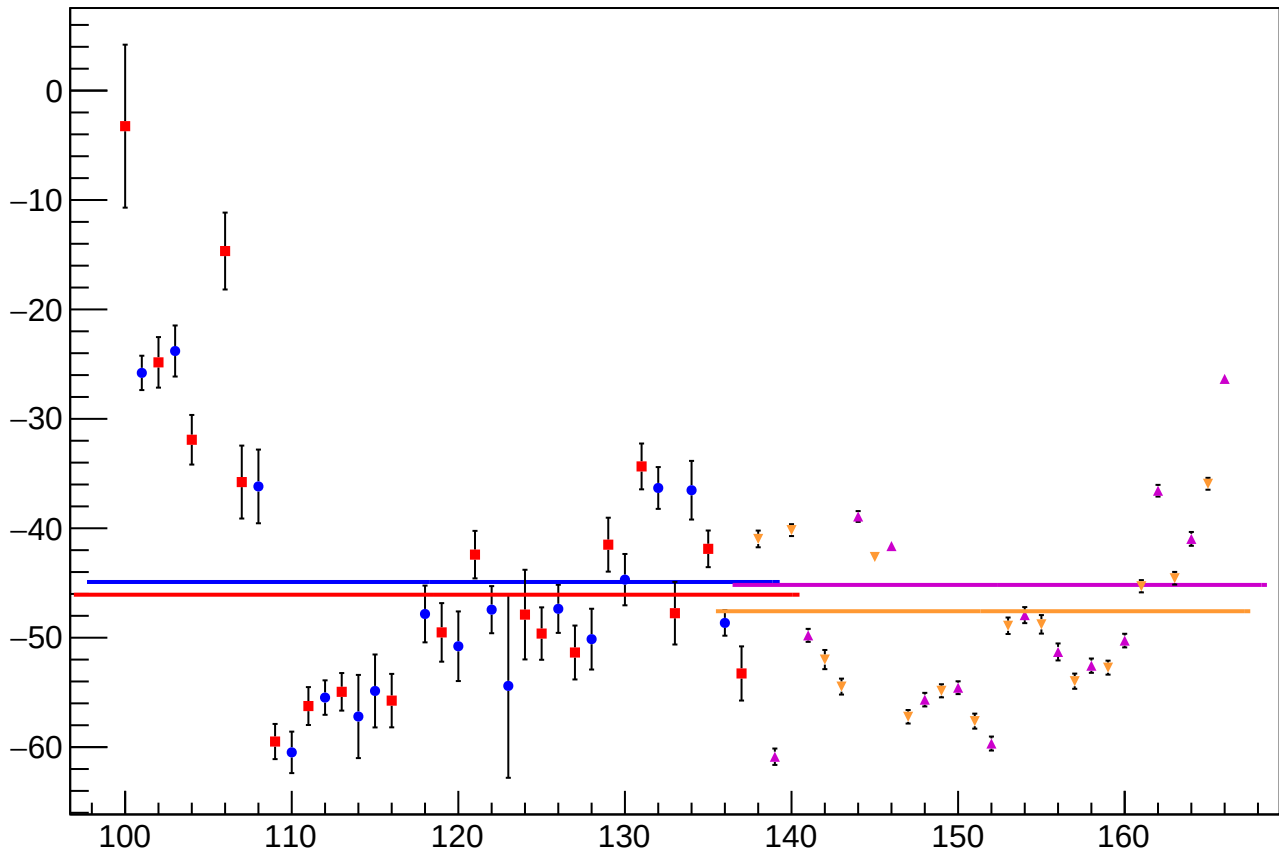
Left In: 0.353 ± 0.113 χ^2/NDF : 908.5/13

+ sign 0.091 ± 0.107 χ^2/NDF : 1142.7/31

All: 0.059 ± 0.075 χ^2/NDF : 2405.2/64

- sign 0.028 ± 0.106 χ^2/NDF : 1262.3/32

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -47.580 ± 0.163 χ^2/NDF : 1753.0/14

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

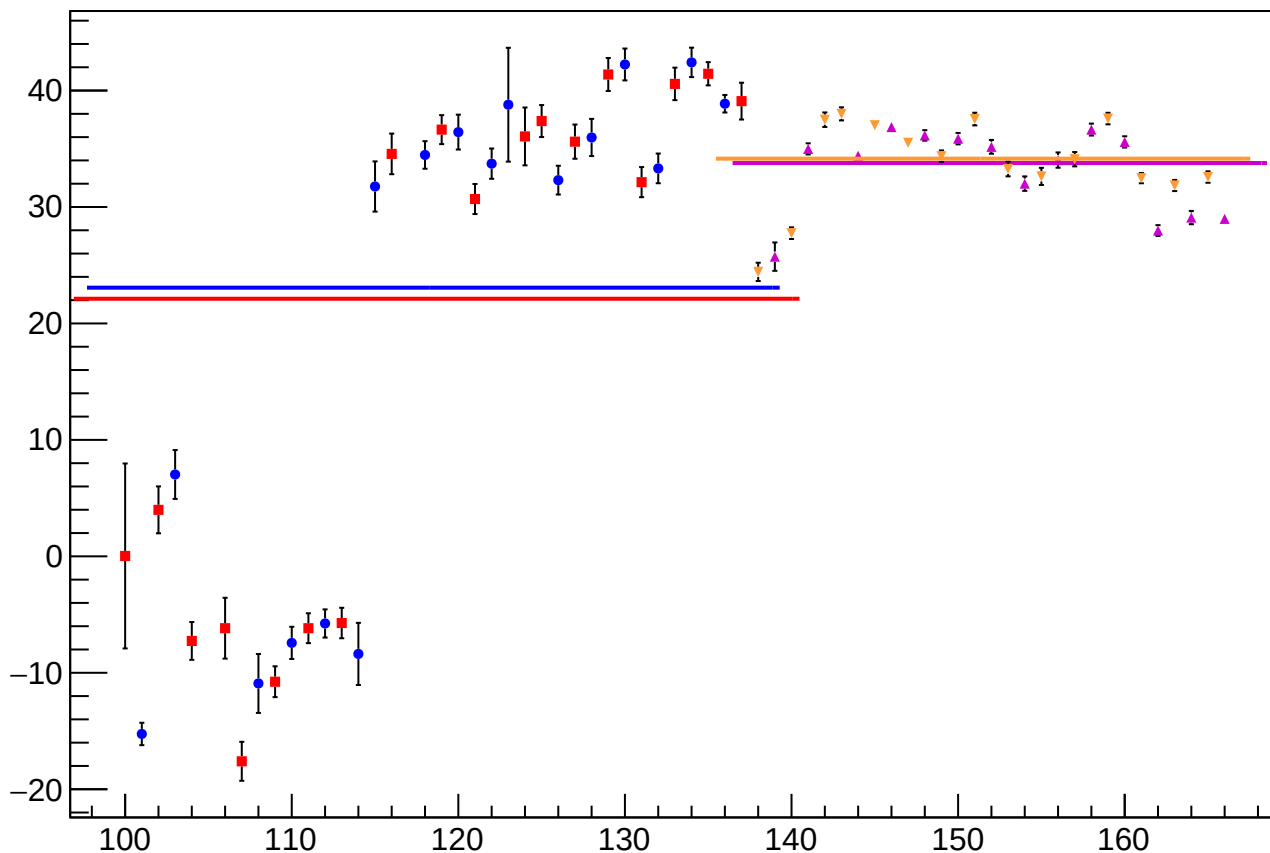
Left In: -45.176 ± 0.156 χ^2/NDF : 4084.4/13

+ sign -47.344 ± 0.155 χ^2/NDF : 2198.0/31

All: -46.254 ± 0.108 χ^2/NDF : 6833.5/64

- sign -45.248 ± 0.149 χ^2/NDF : 4541.0/32

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 34.152 $\pm$ 0.135 χ^2 /NDF: 591.9/14

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

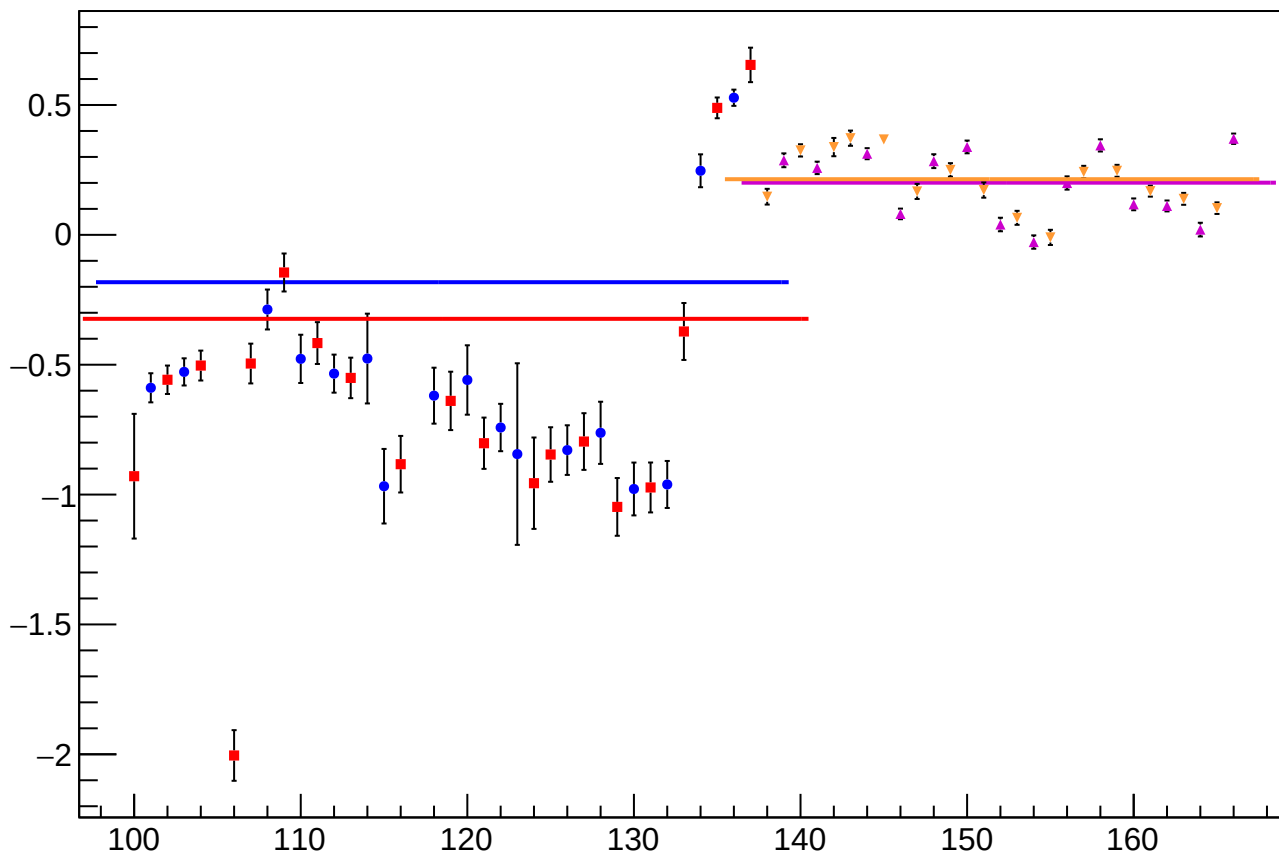
Left In: 33.776 $\pm$ 0.132 χ^2 /NDF: 582.2/13

+ sign 32.527 $\pm$ 0.125 χ^2 /NDF: 5923.4/31

All: 32.389 $\pm$ 0.088 χ^2 /NDF: 11564.7/64

- sign 32.255 $\pm$ 0.123 χ^2 /NDF: 5638.9/32

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.214 ± 0.006 χ^2/NDF : 279.7/14

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

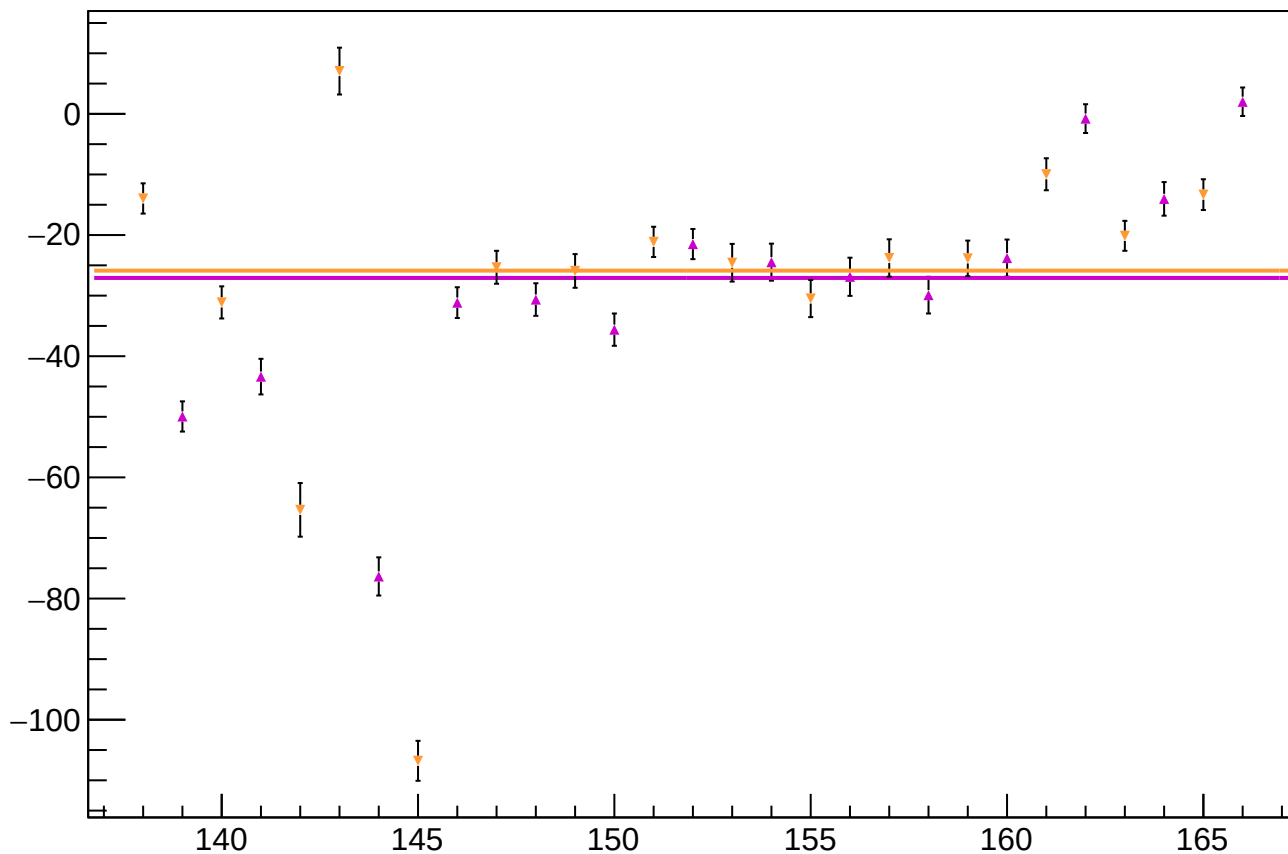
Left In: 0.201 ± 0.006 χ^2/NDF : 424.1/13

+ sign 0.168 ± 0.006 χ^2/NDF : 1720.0/31

All: 0.156 ± 0.004 χ^2/NDF : 4080.0/64

- sign 0.145 ± 0.006 χ^2/NDF : 2352.4/32

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -25.874 ± 0.739 χ^2/NDF : 854.4/14

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

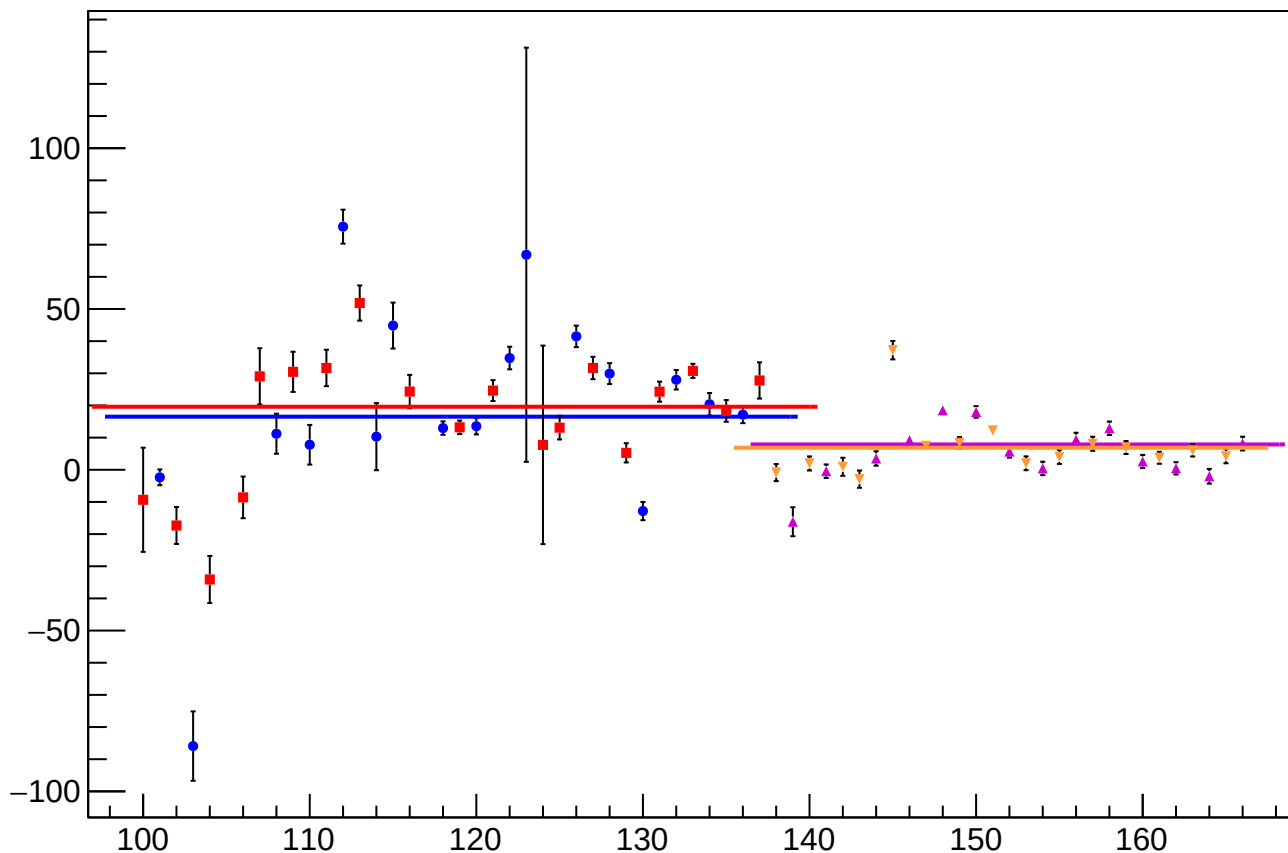
Left In: -27.080 ± 0.729 χ^2/NDF : 678.8/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.486 ± 0.519 χ^2/NDF : 1534.5/28

- 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: 6.850 ± 0.513 χ^2/NDF : 170.6/14

Right Out: 19.604 ± 0.898 χ^2/NDF : 242.0/18

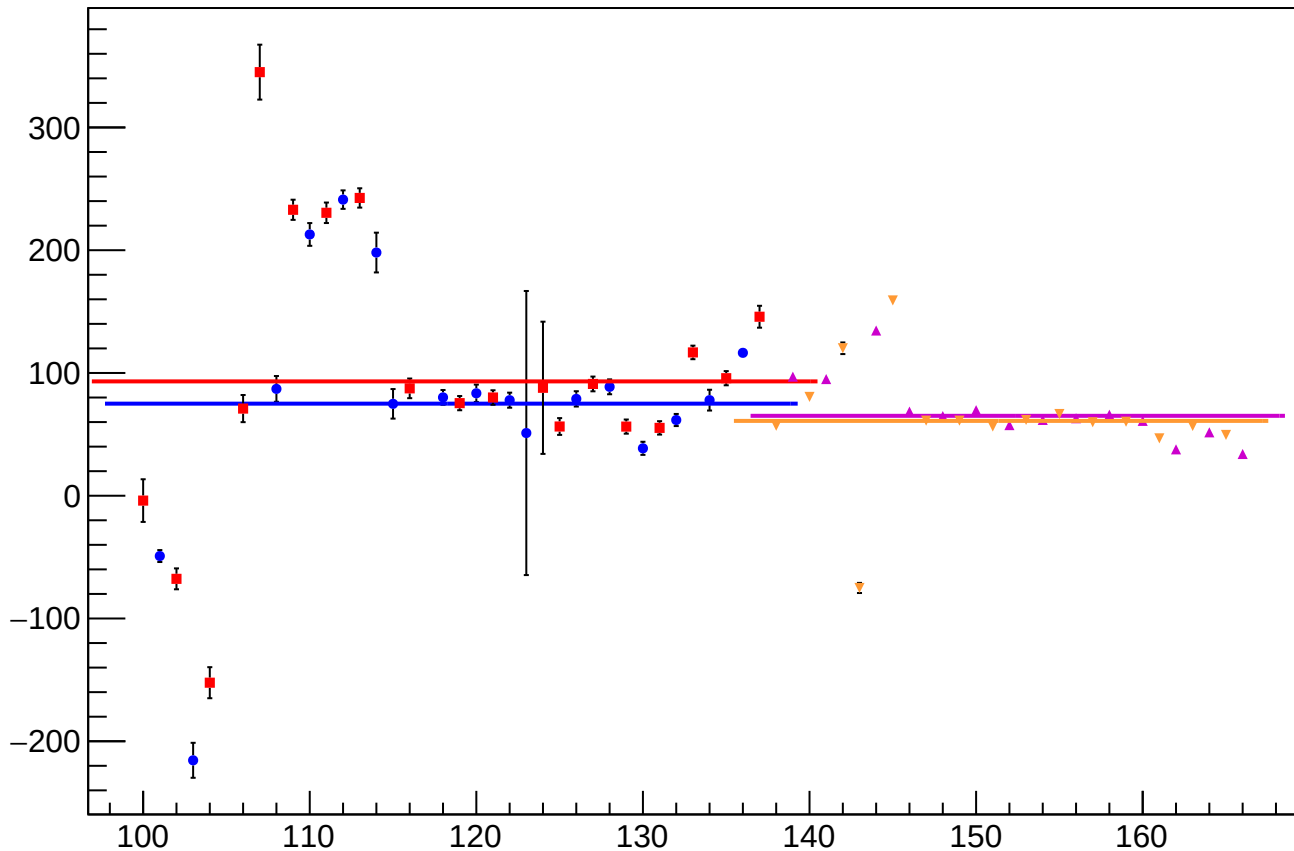
Left In: 7.879 ± 0.520 χ^2/NDF : 206.6/13

+ sign 9.437 ± 0.439 χ^2/NDF : 785.4/31

All: 10.113 ± 0.314 χ^2/NDF : 1366.3/64

- sign 10.825 ± 0.450 χ^2/NDF : 576.1/32

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 60.958 $\pm$ 0.722 χ^2 /NDF: 2178.5/14

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

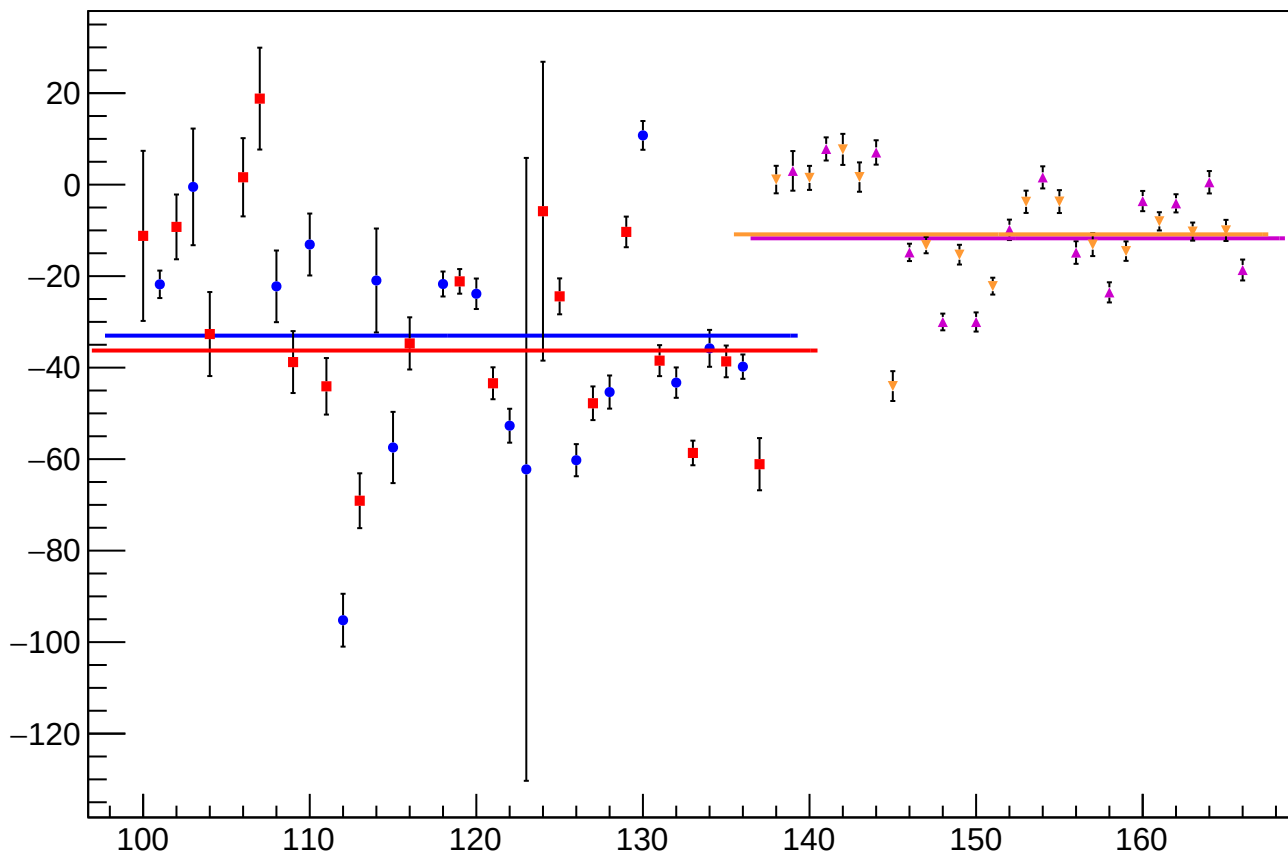
Left In: 65.102 $\pm$ 0.710 χ^2 /NDF: 1011.6/13

+ sign 63.248 $\pm$ 0.660 χ^2 /NDF: 4239.6/31

All: 66.255 $\pm$ 0.465 χ^2 /NDF: 7523.8/64

- sign 69.216 $\pm$ 0.655 χ^2 /NDF: 3243.0/32

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -10.865 ± 0.602 χ^2/NDF : 253.1/14

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

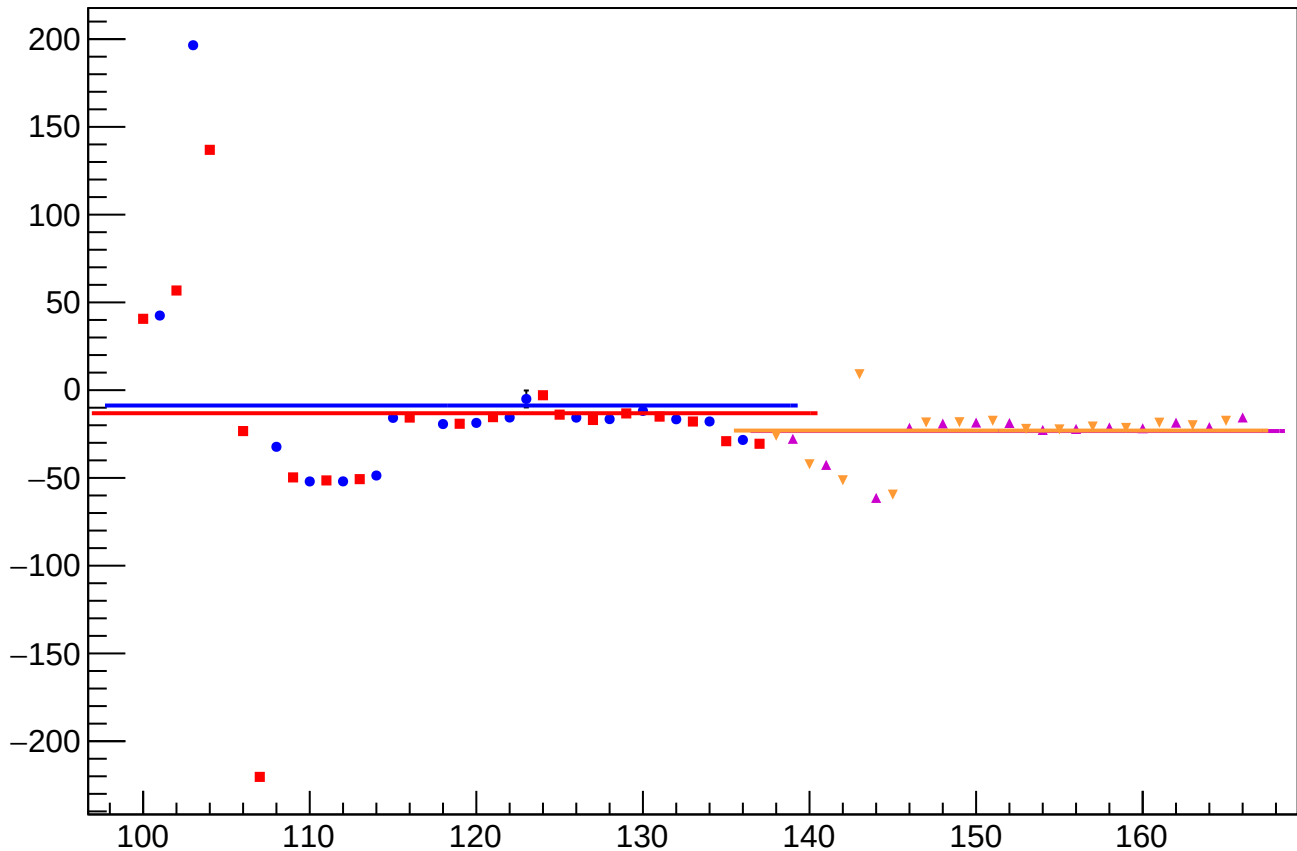
Left In: -11.732 ± 0.607 χ^2/NDF : 424.1/13

+ sign -16.999 ± 0.511 χ^2/NDF : 1121.4/31

All: -17.537 ± 0.365 χ^2/NDF : 2268.6/64

- sign -18.097 ± 0.522 χ^2/NDF : 1145.0/32

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -23.032 ± 0.028 $\chi^2/\text{NDF}: 171256.4/14$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

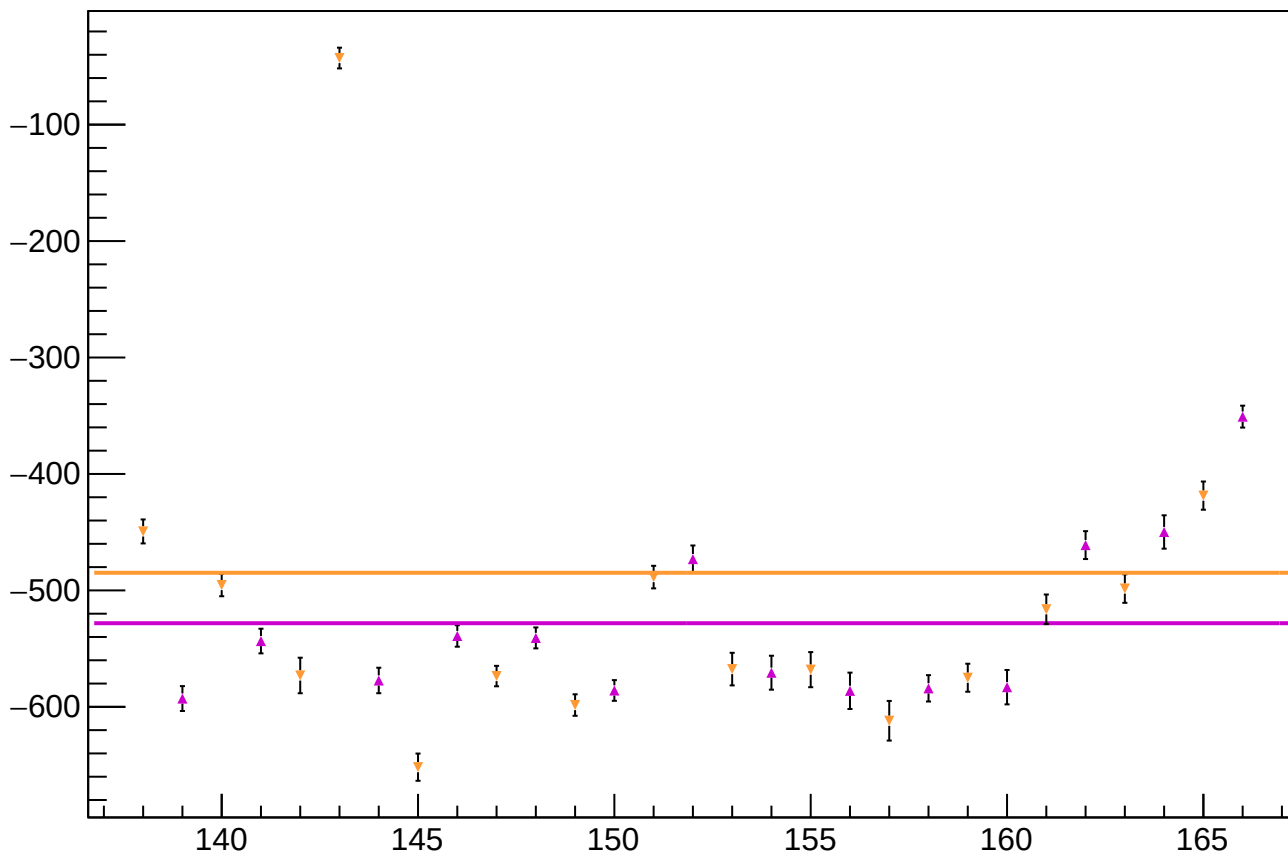
Left In: -23.290 ± 0.028 $\chi^2/\text{NDF}: 107683.7/13$

+ sign -20.339 ± 0.026 $\chi^2/\text{NDF}: 795123.3/31$

All: -20.948 ± 0.018 $\chi^2/\text{NDF}: 1484972.2/64$

- sign -21.556 ± 0.026 $\chi^2/\text{NDF}: 688712.9/32$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -484.861+/-2.894 χ^2/NDF : 3185.6/14

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

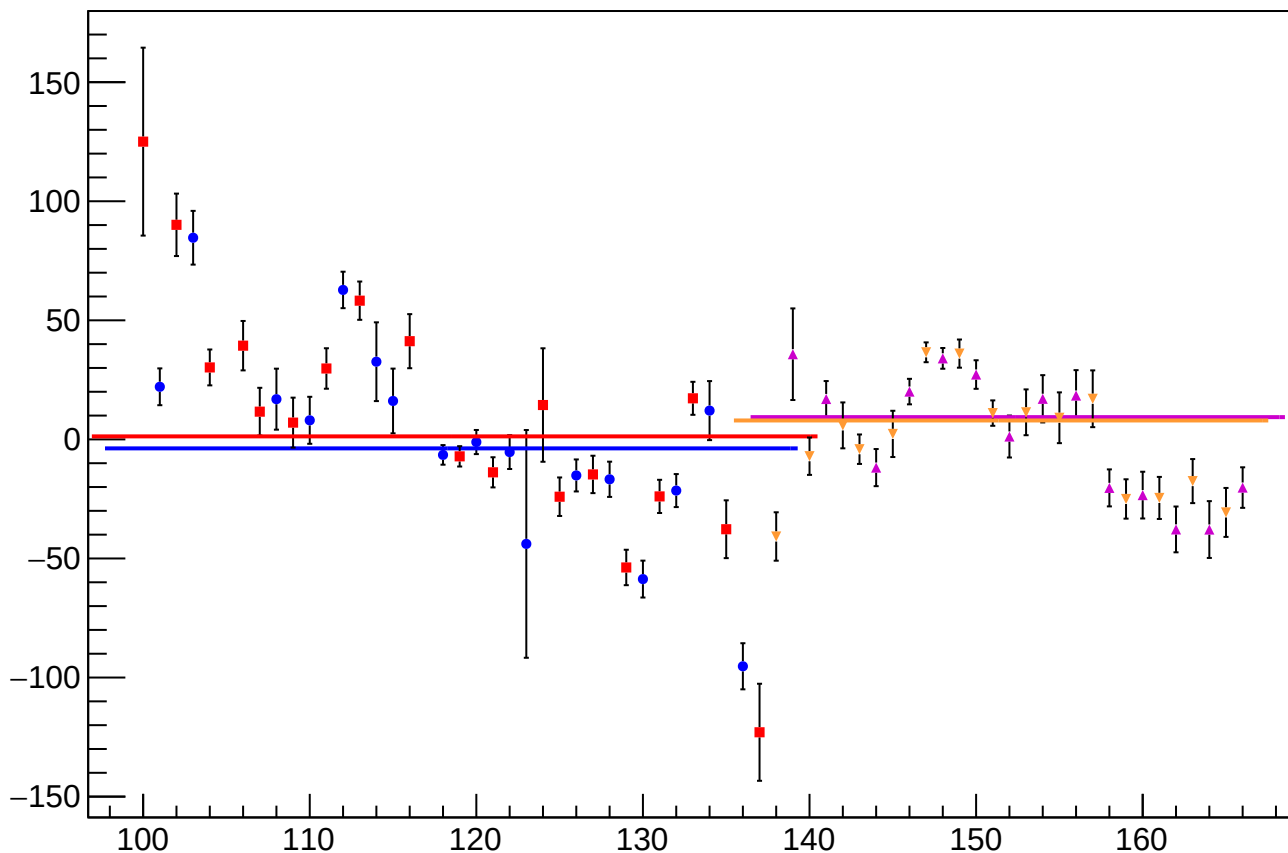
Left In: -528.171+/-2.955 χ^2/NDF : 604.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.059+/-2.068 χ^2/NDF : 3899.5/28

- 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: 7.950 ± 1.924 χ^2/NDF : 152.9/14

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

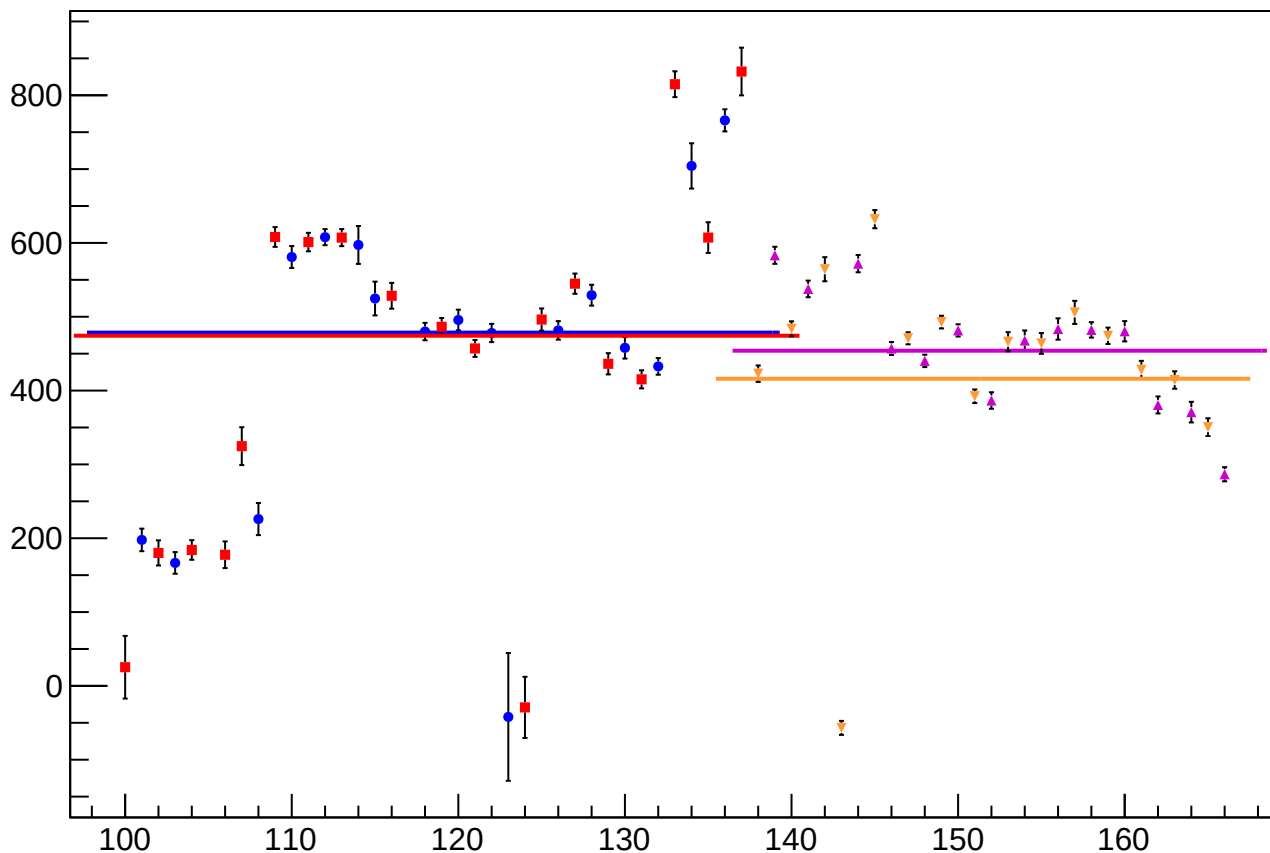
Left In: 9.350 ± 2.031 χ^2/NDF : 135.0/13

+ sign 1.979 ± 1.348 χ^2/NDF : 486.1/31

All: 3.477 ± 0.969 χ^2/NDF : 935.8/64

- sign 5.082 ± 1.395 χ^2/NDF : 447.1/32

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2/NDF : 1629.0/16

Left Out: 416.041 $\pm$ 2.851 χ^2/NDF : 3161.2/14

Right Out: 474.328 $\pm$ 3.533 χ^2/NDF : 2287.1/18

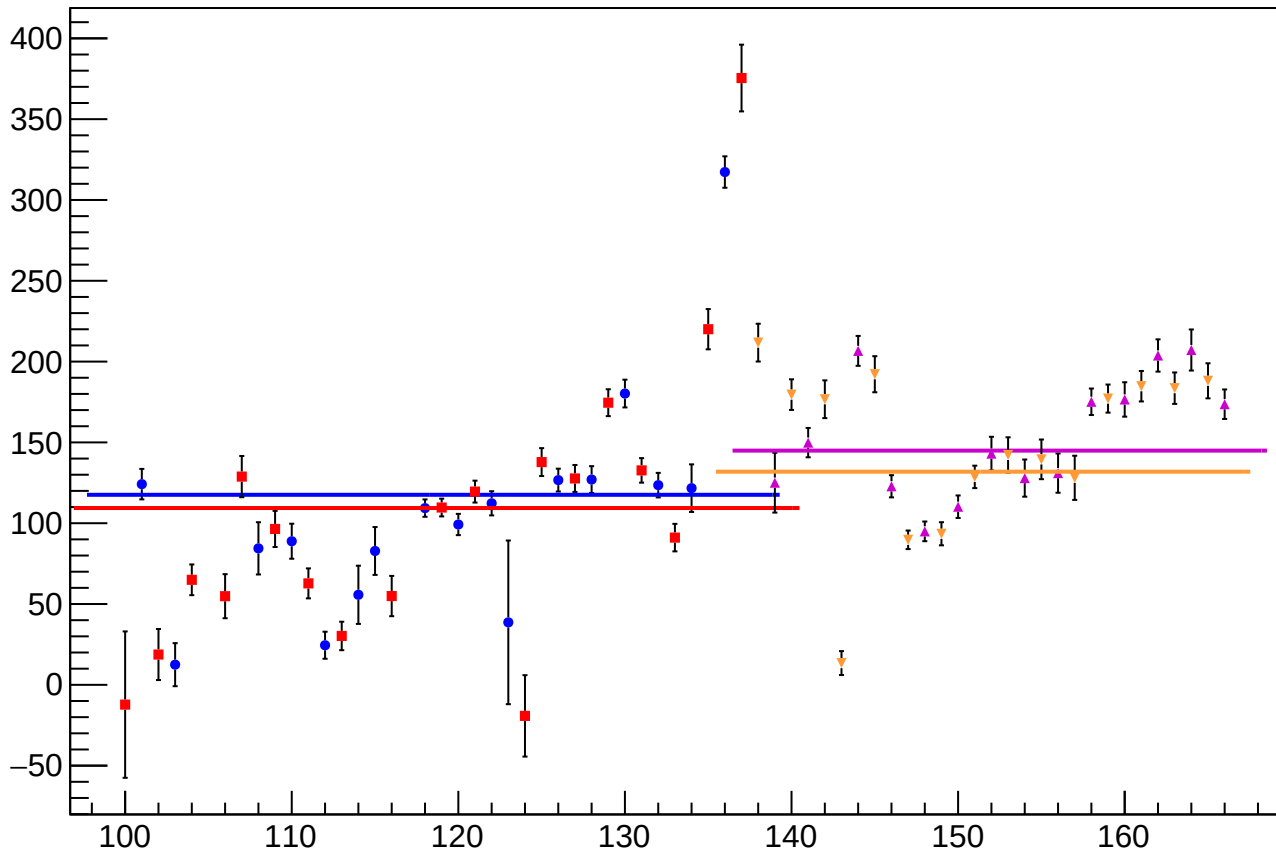
Left In: 454.036 $\pm$ 2.883 χ^2/NDF : 728.8/13

+ sign 439.876 $\pm$ 2.242 χ^2/NDF : 4973.5/31

All: 451.054 $\pm$ 1.582 χ^2/NDF : 8058.7/64

- sign 462.149 $\pm$ 2.234 χ^2/NDF : 3035.7/32

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 131.886 ± 2.314 $\chi^2/\text{NDF}: 570.3/14$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

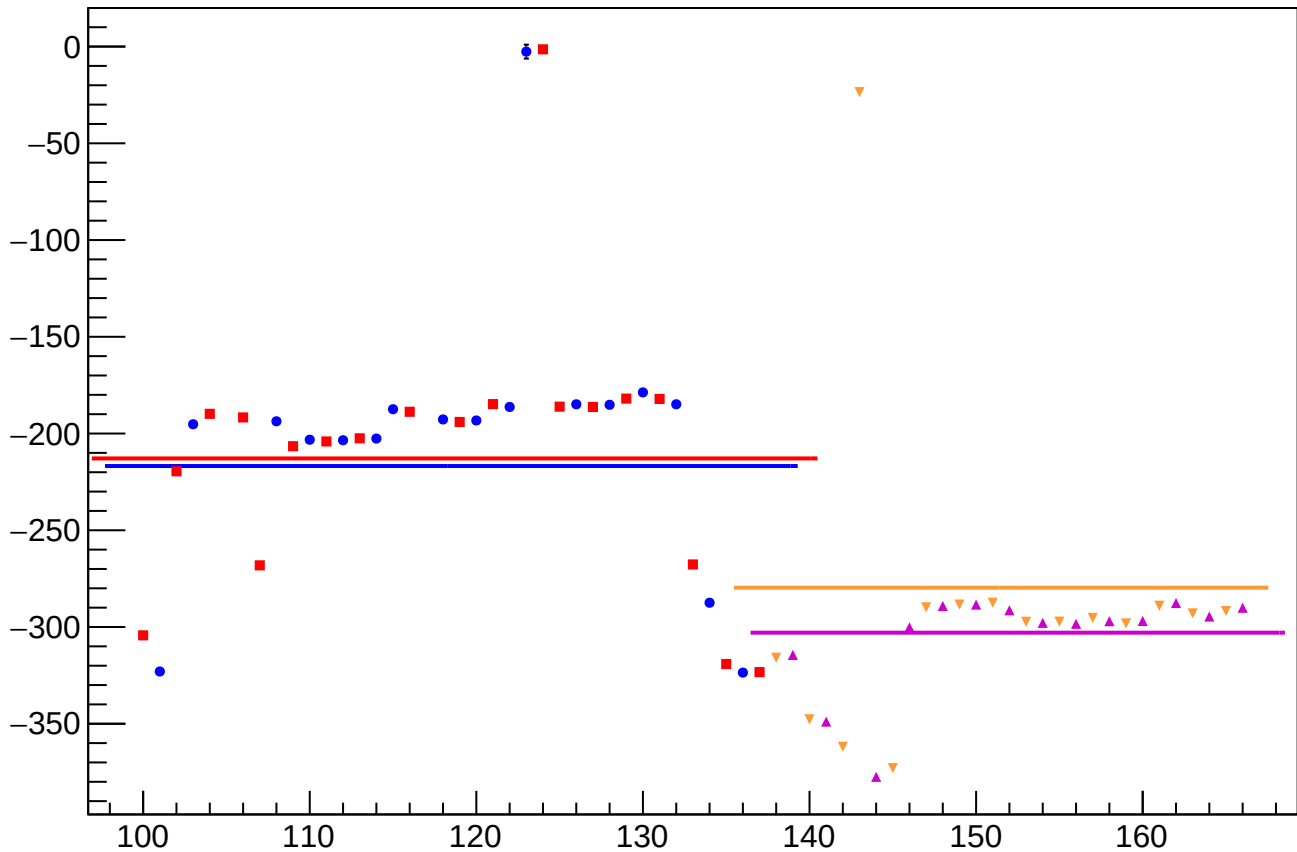
Left In: 144.923 ± 2.418 $\chi^2/\text{NDF}: 243.0/13$

+ sign 124.350 ± 1.592 $\chi^2/\text{NDF}: 1297.3/31$

All: 124.945 ± 1.139 $\chi^2/\text{NDF}: 2229.4/64$

- sign 125.569 ± 1.631 $\chi^2/\text{NDF}: 931.8/32$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 χ^2/NDF : 146976.1/16

Left Out: -279.673 ± 0.115 χ^2/NDF : 545590.1/14

Right Out: -212.869 ± 0.130 χ^2/NDF : 116393.6/18

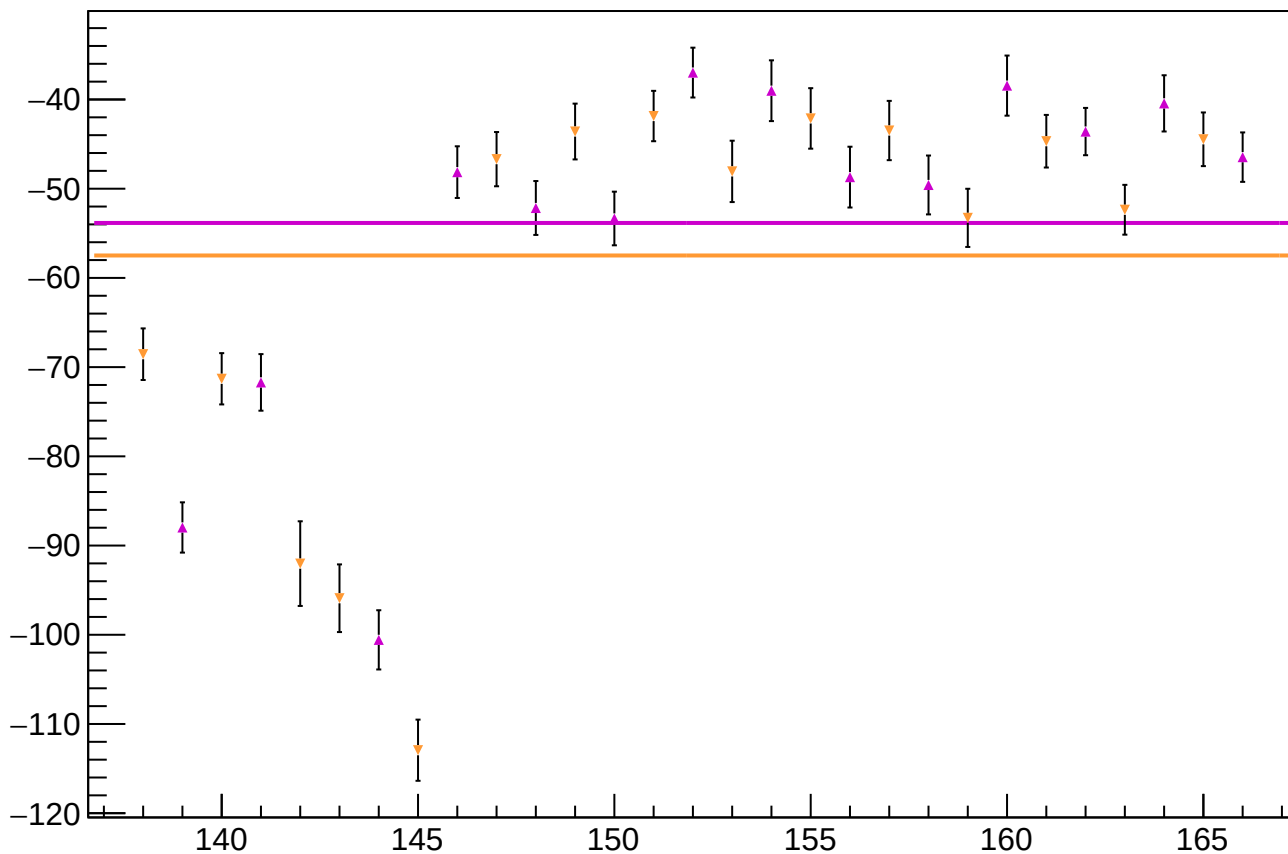
Left In: -302.928 ± 0.116 χ^2/NDF : 38829.6/13

+ sign -253.433 ± 0.088 χ^2/NDF : 817754.1/31

All: -258.309 ± 0.062 χ^2/NDF : 1245988.6/64

- sign -263.069 ± 0.087 χ^2/NDF : 422115.8/32

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -57.485+/-0.820 χ^2/NDF : 606.5/14

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

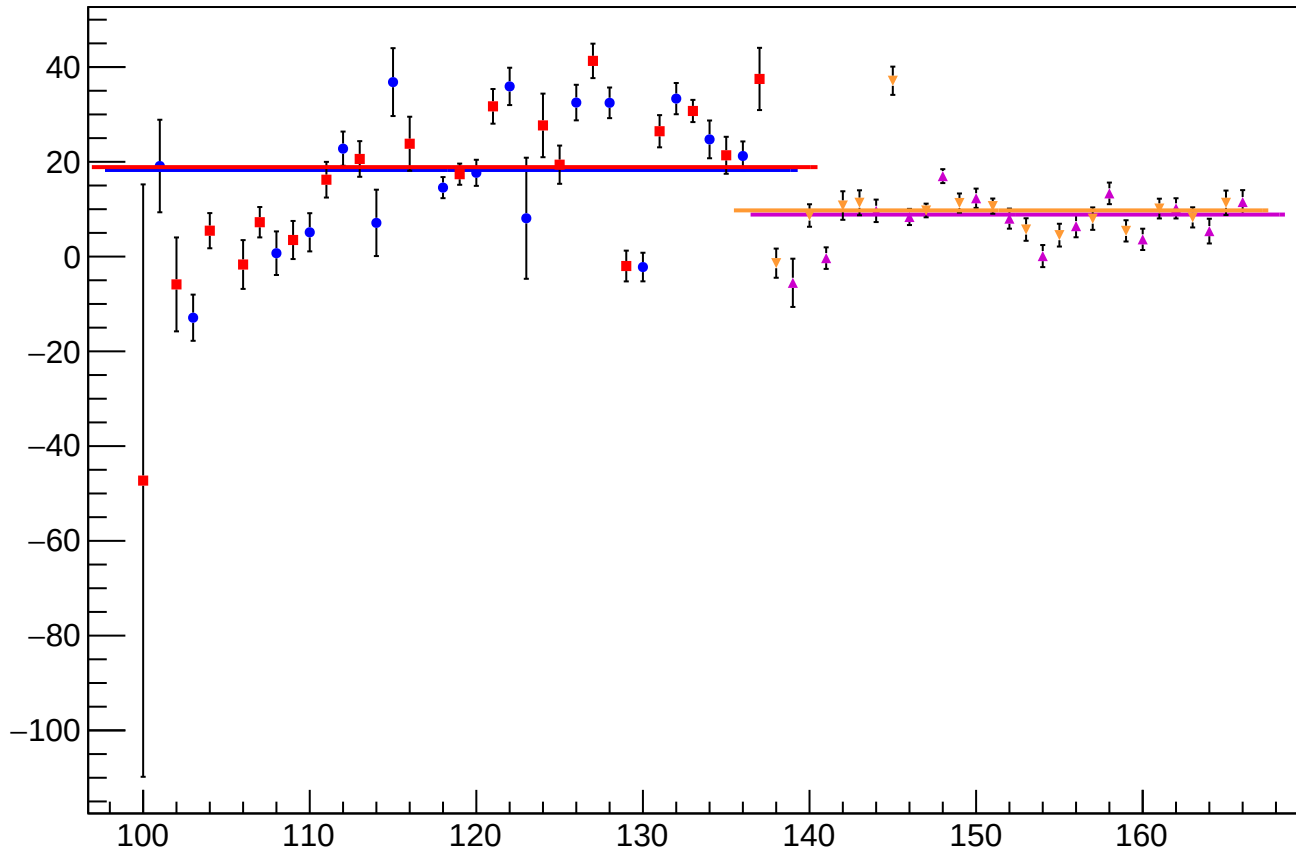
Left In: -53.840+/-0.814 χ^2/NDF : 501.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.648+/-0.578 χ^2/NDF : 1117.5/28

- 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: 9.749 ± 0.569 χ^2/NDF : 111.7/14

Right Out: 18.882 ± 0.864 χ^2/NDF : 198.4/18

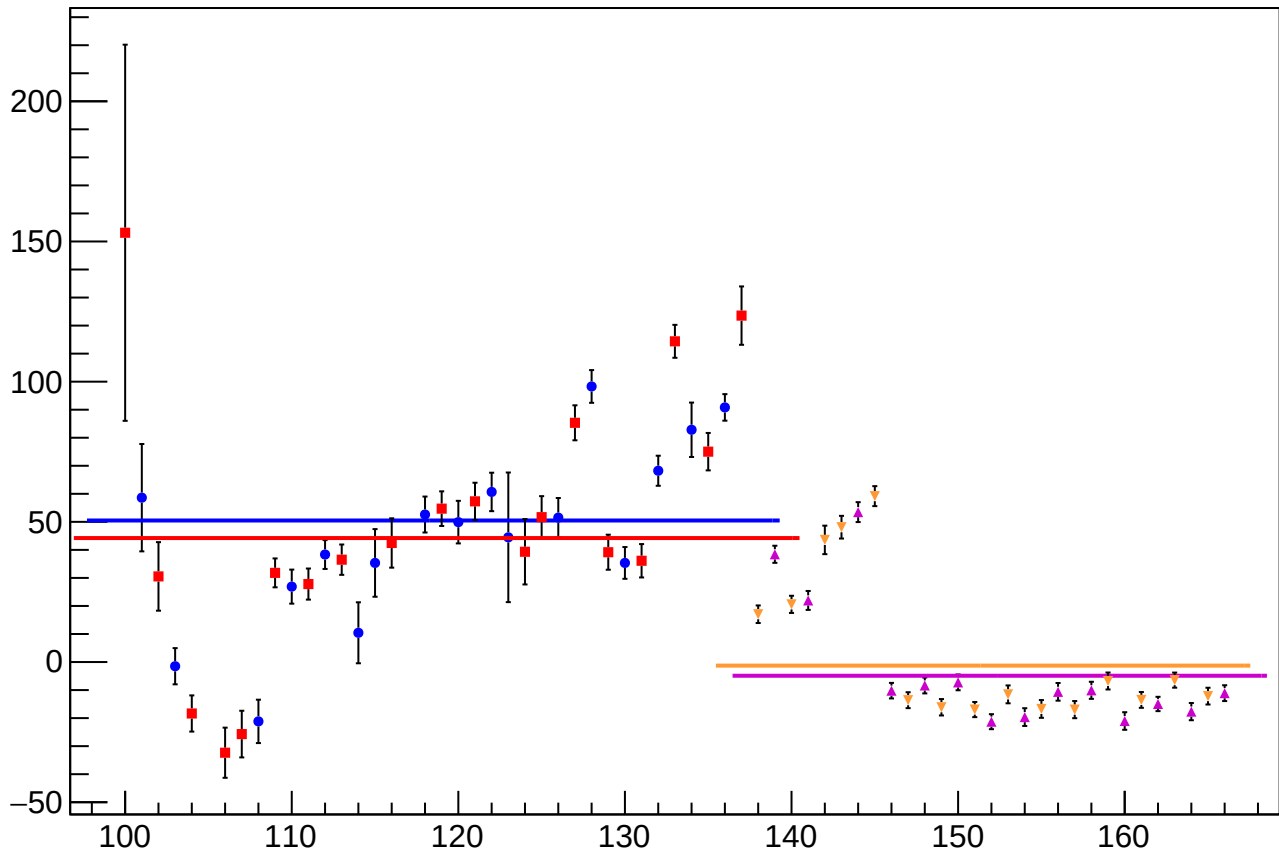
Left In: 8.868 ± 0.581 χ^2/NDF : 85.8/13

+ sign 12.161 ± 0.482 χ^2/NDF : 379.9/31

All: 12.073 ± 0.341 χ^2/NDF : 756.6/64

- sign 11.985 ± 0.482 χ^2/NDF : 376.7/32

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: -1.274 $\pm$ 0.802 χ^2 /NDF: 777.8/14

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

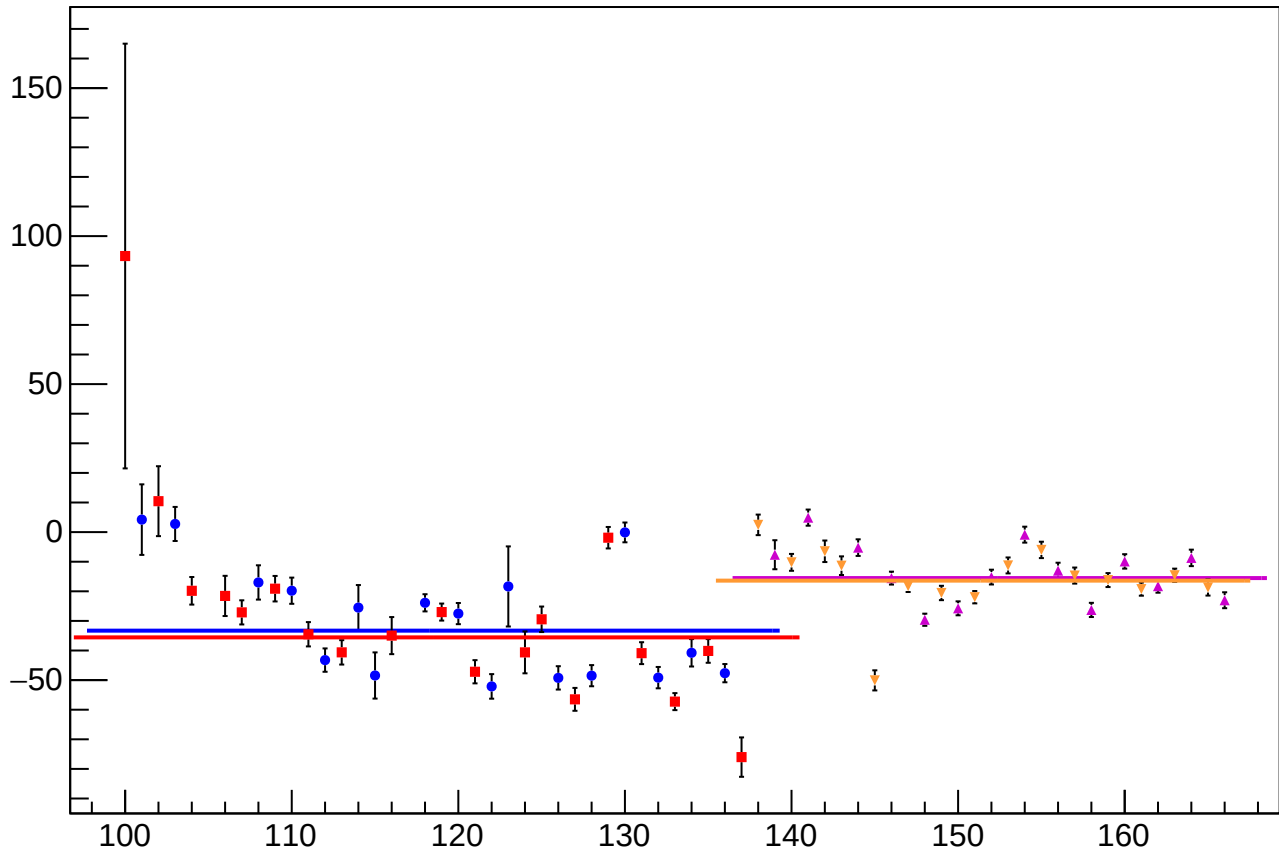
Left In: -4.887 $\pm$ 0.793 χ^2 /NDF: 670.9/13

+ sign 8.445 $\pm$ 0.723 χ^2 /NDF: 1917.7/31

All: 6.577 $\pm$ 0.507 χ^2 /NDF: 3890.7/64

- sign 4.770 $\pm$ 0.711 χ^2 /NDF: 1959.8/32

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.391 ± 0.668 χ^2/NDF : 174.7/14

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

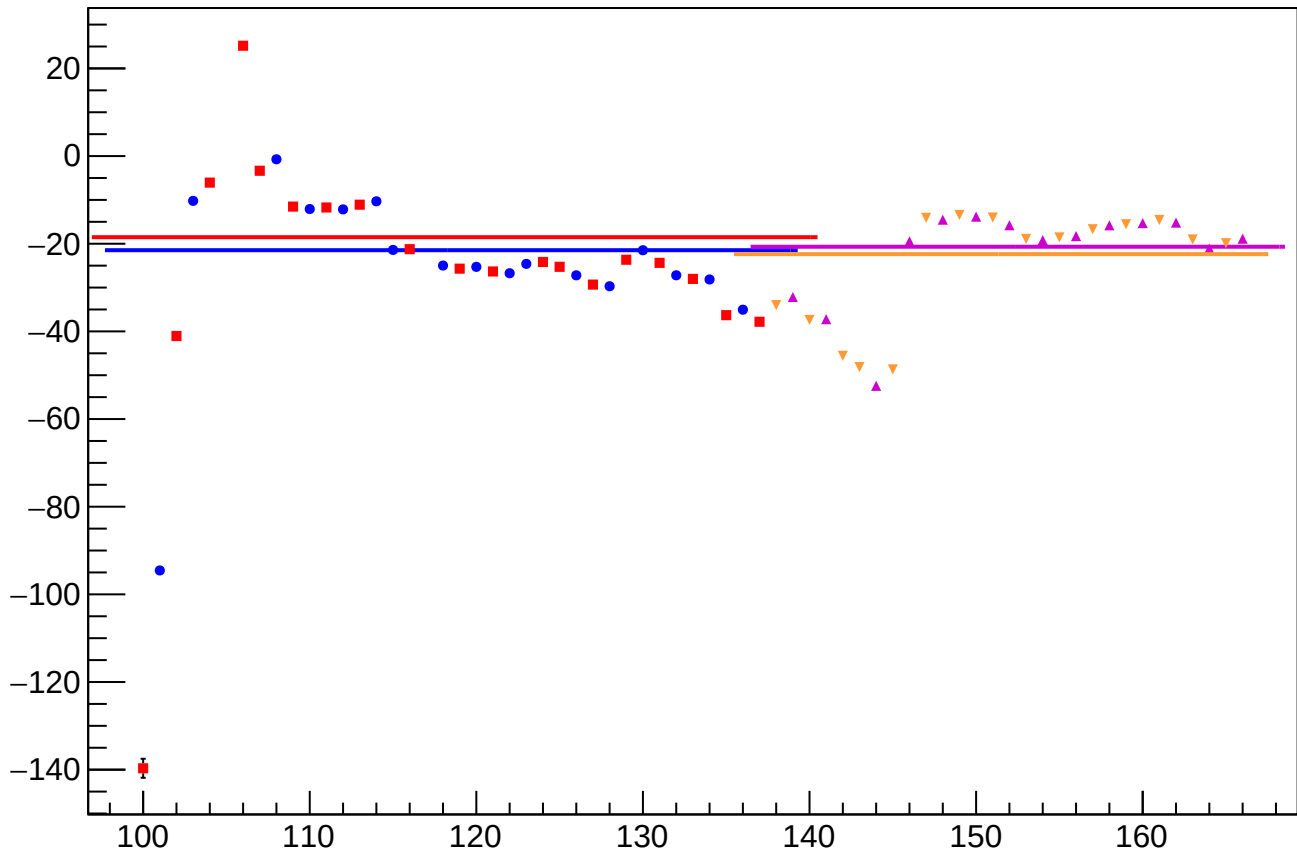
Left In: -15.529 ± 0.677 χ^2/NDF : 209.1/13

+ sign -21.372 ± 0.561 χ^2/NDF : 652.6/31

All: -21.634 ± 0.396 χ^2/NDF : 1427.9/64

- sign -21.893 ± 0.559 χ^2/NDF : 774.9/32

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 χ^2/NDF : 49009.8/16

Left Out: -22.372 ± 0.031 χ^2/NDF : 124976.2/14

Right Out: -18.506 ± 0.057 χ^2/NDF : 80734.5/18

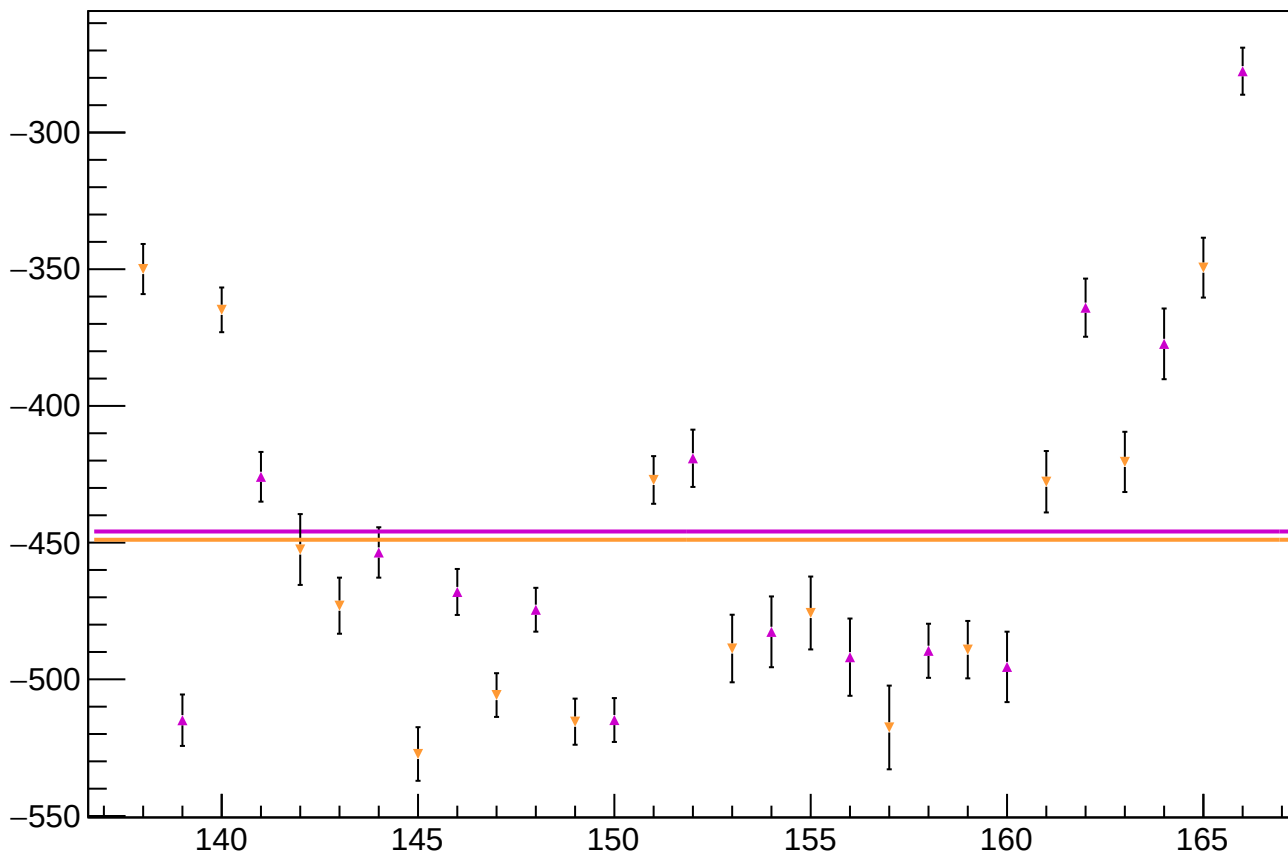
Left In: -20.683 ± 0.031 χ^2/NDF : 84183.3/13

+ sign -22.172 ± 0.028 χ^2/NDF : 174166.9/31

All: -21.168 ± 0.020 χ^2/NDF : 342790.9/64

- sign -20.185 ± 0.027 χ^2/NDF : 166028.5/32

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -448.953+/-2.621 χ^2/NDF : 553.0/14

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

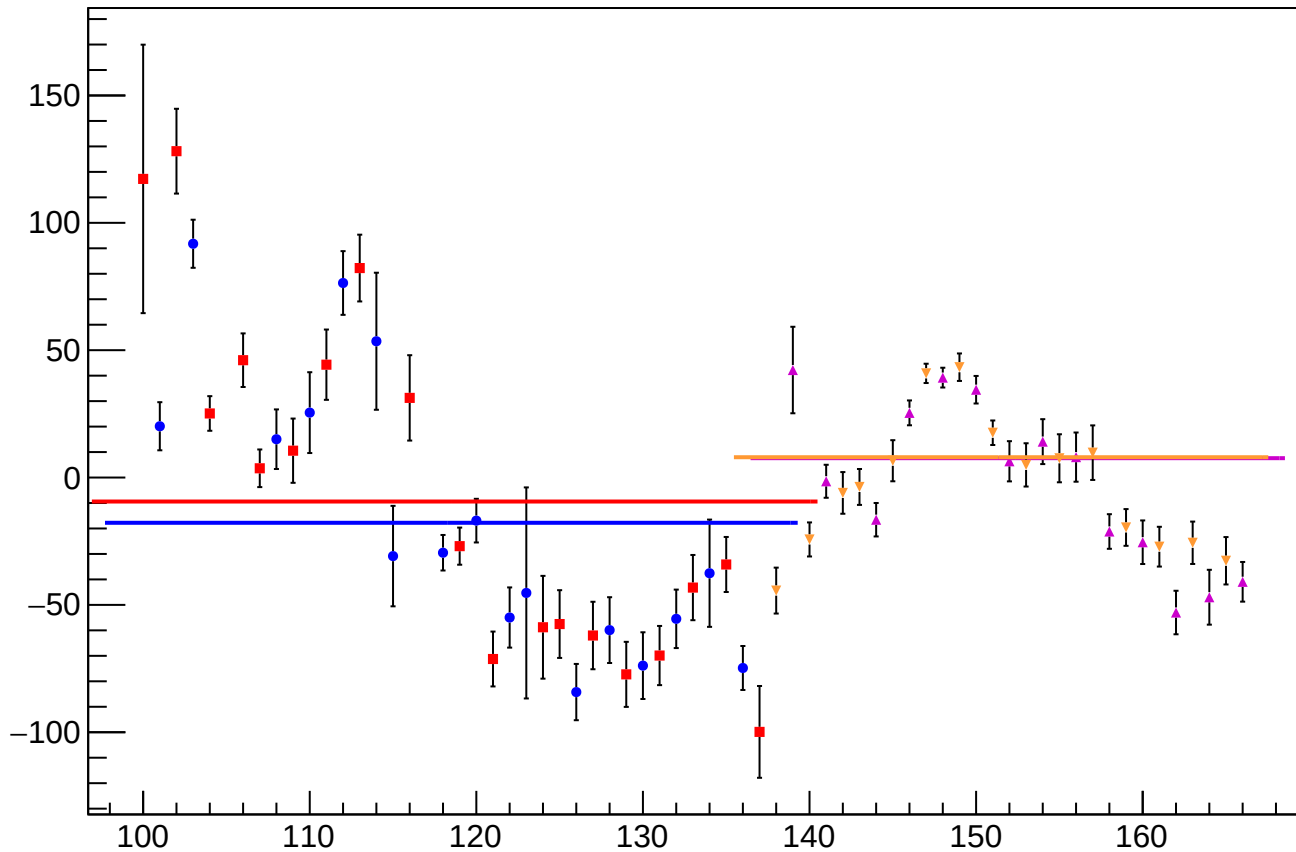
Left In: -445.930+/-2.626 χ^2/NDF : 682.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -447.444+/-1.855 χ^2/NDF : 1236.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: 7.973 ± 1.747 χ^2/NDF : 255.6/14

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

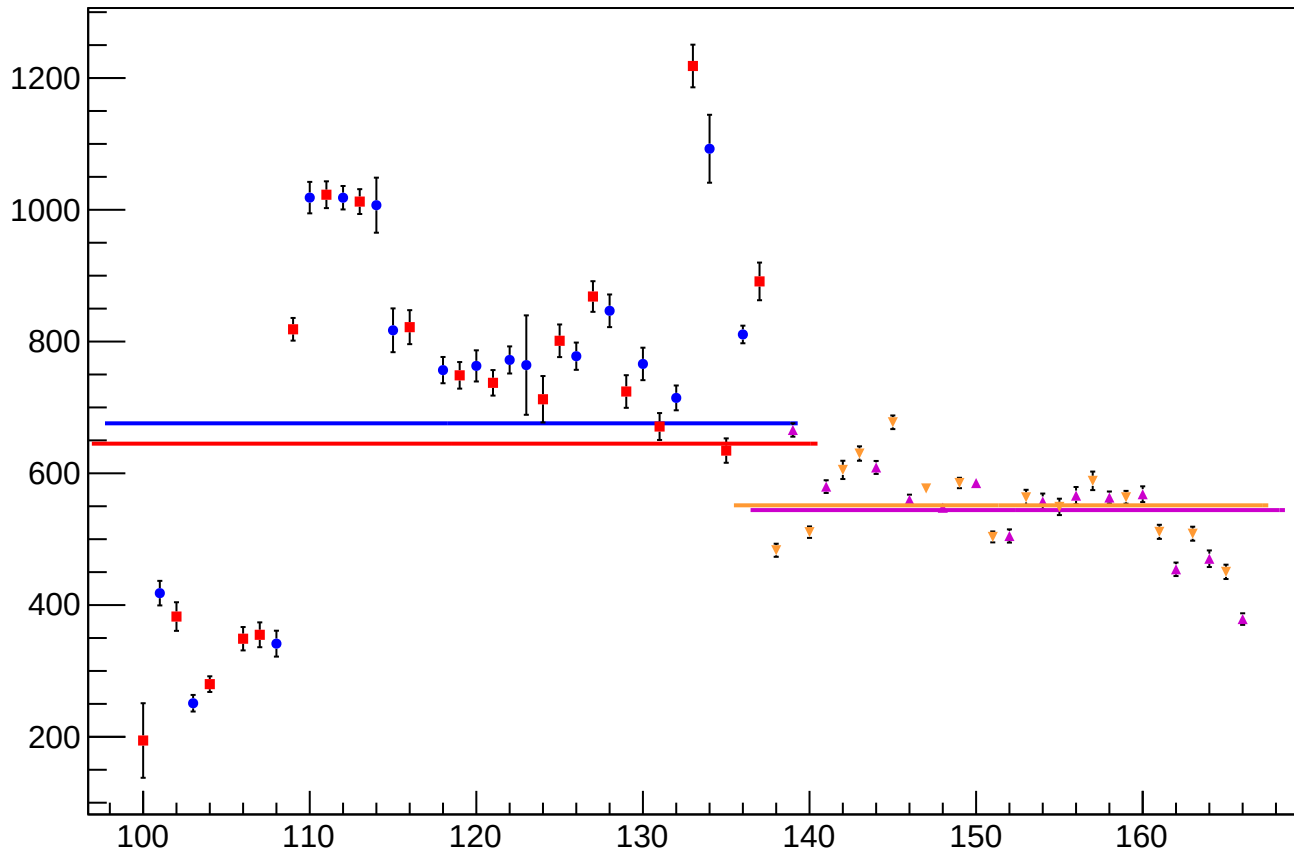
Left In: 7.602 ± 1.806 χ^2/NDF : 272.2/13

+ sign 0.694 ± 1.479 χ^2/NDF : 680.8/31

All: 1.395 ± 1.048 χ^2/NDF : 1351.8/64

- sign 2.103 ± 1.485 χ^2/NDF : 670.5/32

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 ± 5.037 $\chi^2/\text{NDF}: 2586.4/16$

Left Out: 551.417 ± 2.578 $\chi^2/\text{NDF}: 474.1/14$

Right Out: 645.014 ± 4.761 $\chi^2/\text{NDF}: 3123.3/18$

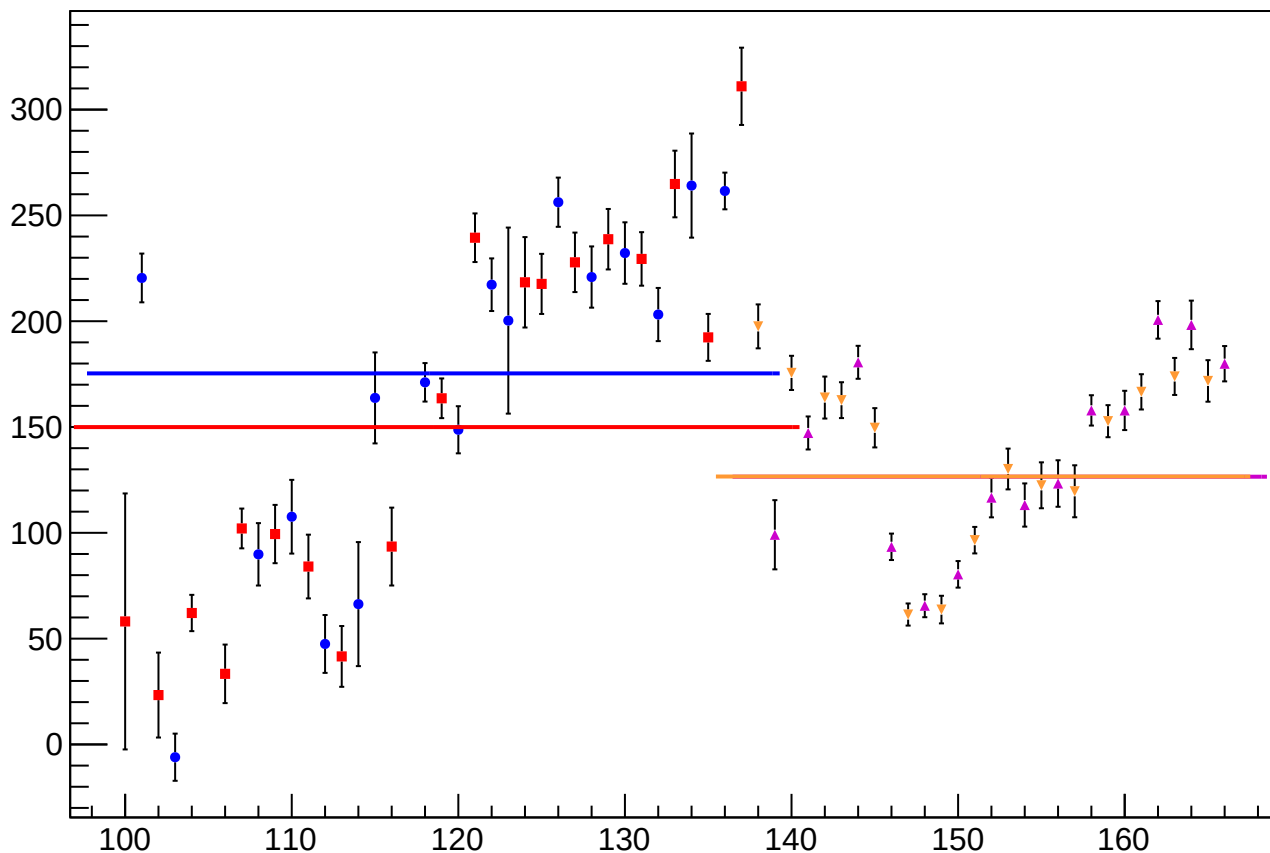
Left In: 544.170 ± 2.564 $\chi^2/\text{NDF}: 728.5/13$

+ sign 577.255 ± 2.295 $\chi^2/\text{NDF}: 3544.2/31$

All: 571.965 ± 1.609 $\chi^2/\text{NDF}: 7754.2/64$

- sign 566.847 ± 2.258 $\chi^2/\text{NDF}: 4199.5/32$

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 ± 3.203 χ^2/NDF : 638.5/16

Left Out: 126.611 ± 2.099 χ^2/NDF : 479.5/14

Right Out: 149.966 ± 3.045 χ^2/NDF : 693.2/18

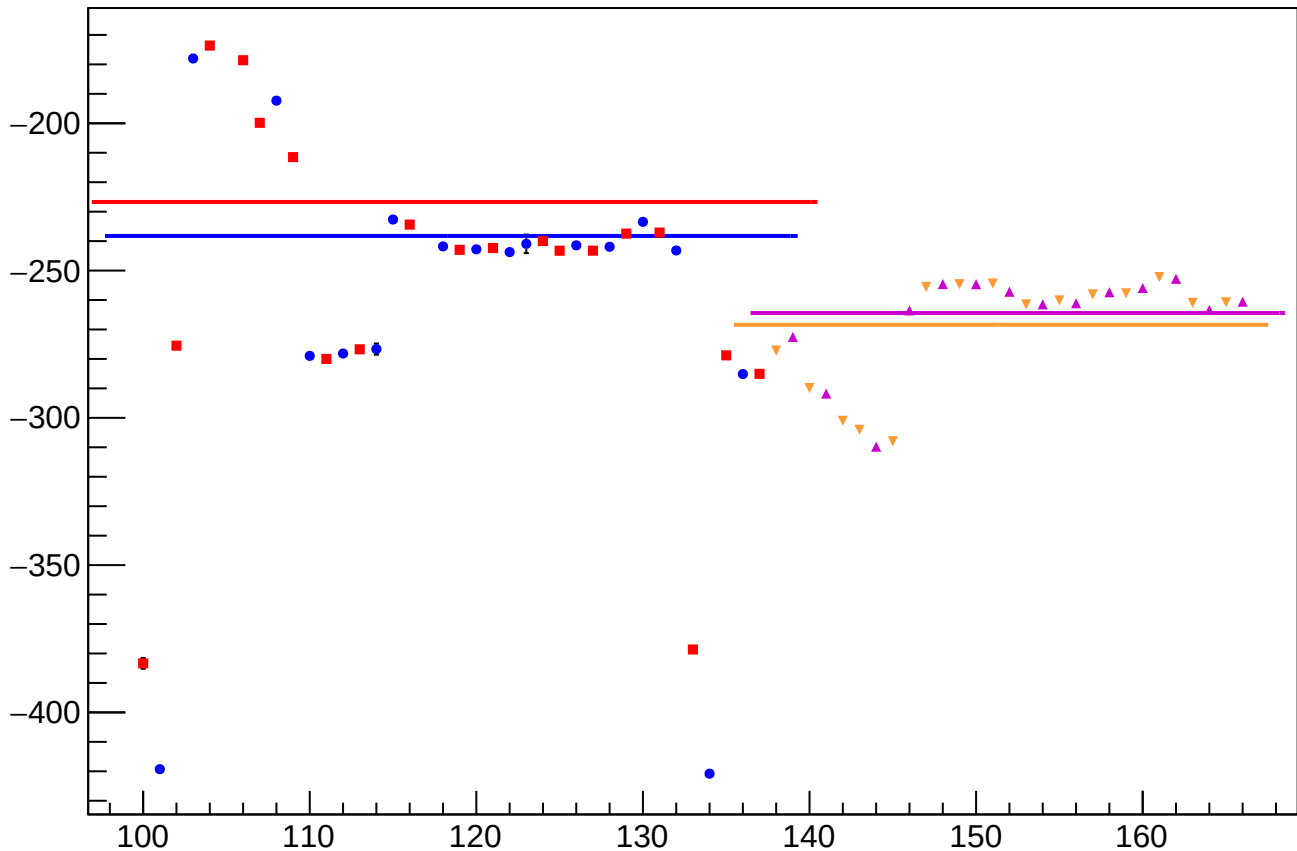
Left In: 126.520 ± 2.149 χ^2/NDF : 449.2/13

+ sign 141.250 ± 1.755 χ^2/NDF : 1279.9/31

All: 137.782 ± 1.241 χ^2/NDF : 2469.7/64

- sign 134.313 ± 1.756 χ^2/NDF : 1182.0/32

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -268.408+/-0.104 χ^2/NDF : 31839.9/14

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

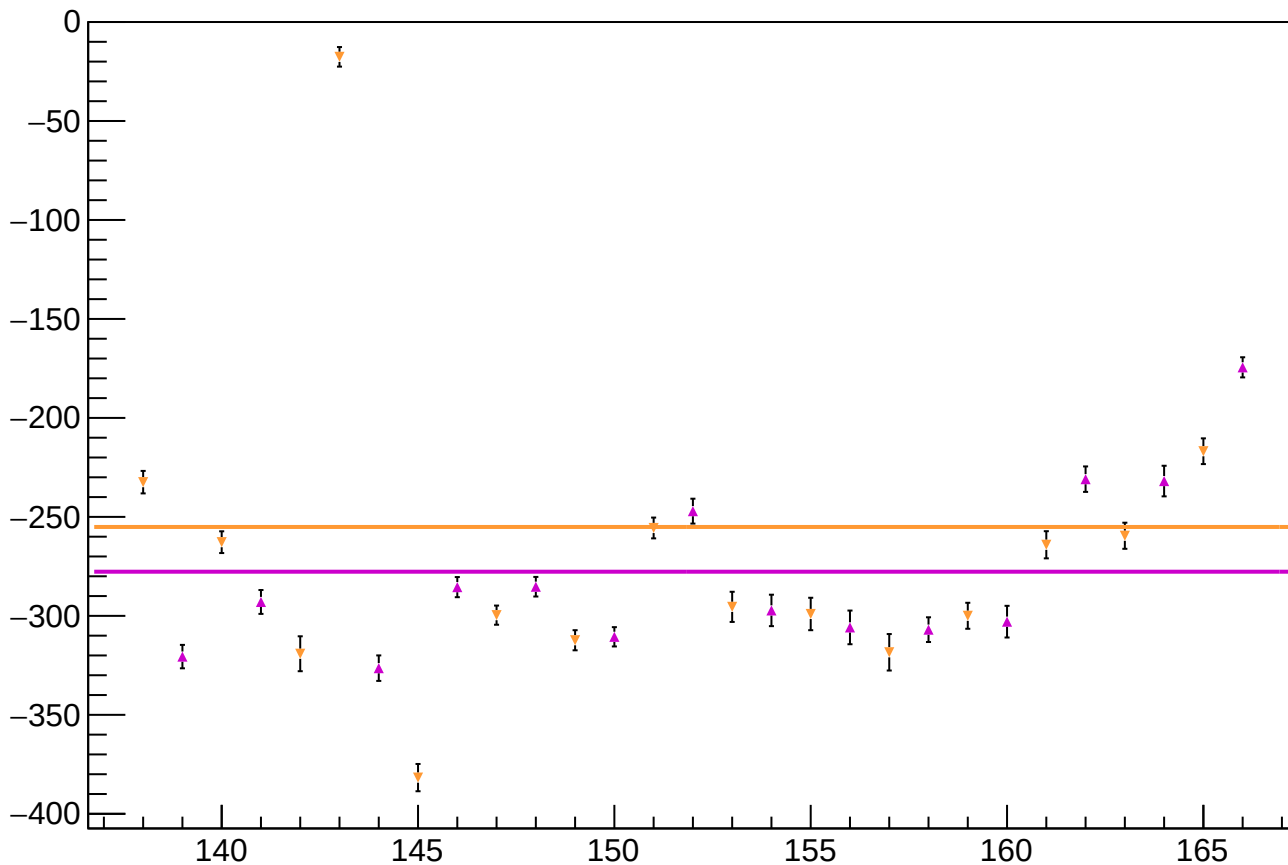
Left In: -264.397+/-0.103 χ^2/NDF : 20565.3/13

+ sign -259.472+/-0.087 χ^2/NDF : 223994.4/31

All: -255.874+/-0.061 χ^2/NDF : 393204.9/64

- sign -252.433+/-0.085 χ^2/NDF : 165869.0/32

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -255.089+/-1.598 χ^2/NDF : 3112.8/14

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

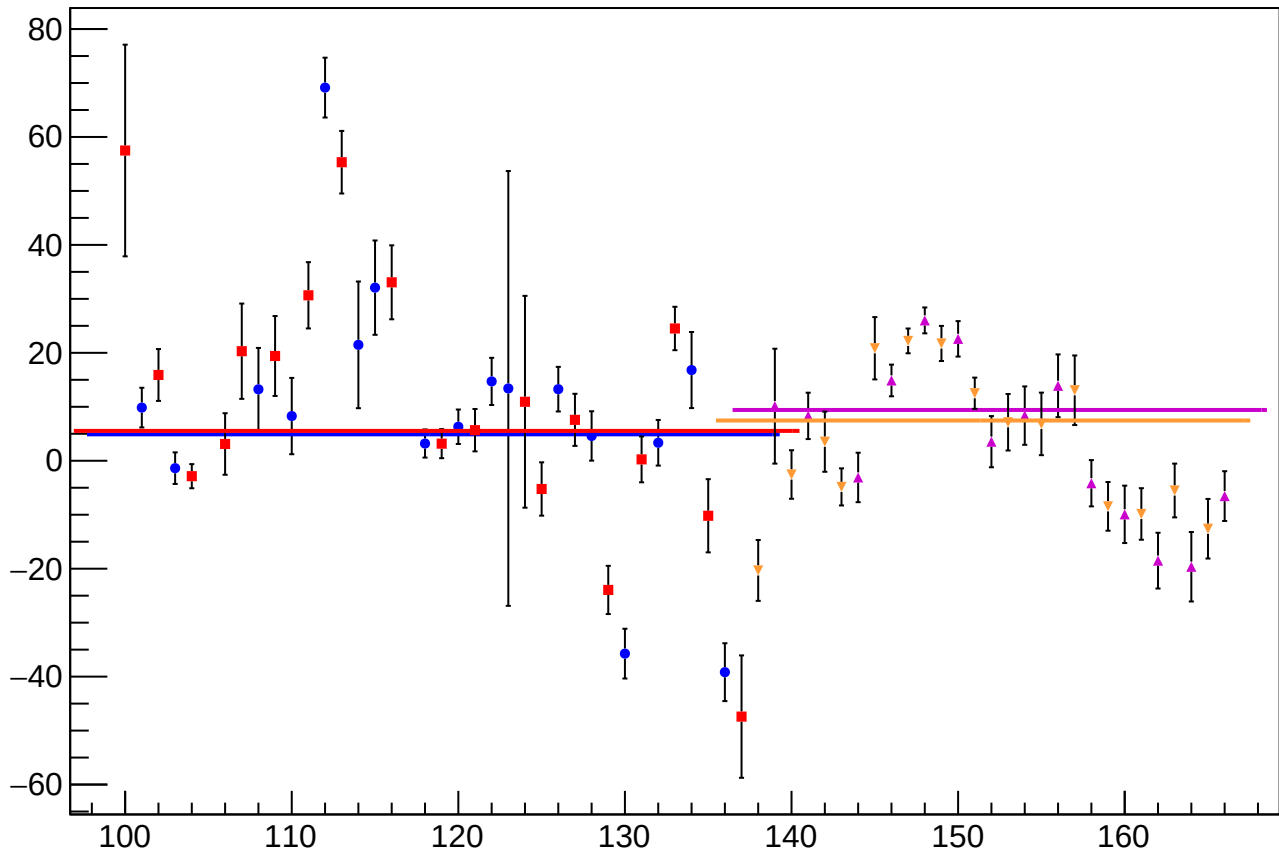
Left In: -277.692+/-1.628 χ^2/NDF : 738.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.183+/-1.140 χ^2/NDF : 3949.8/28

- 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: 7.461 ± 1.061 χ^2/NDF : 157.8/14

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

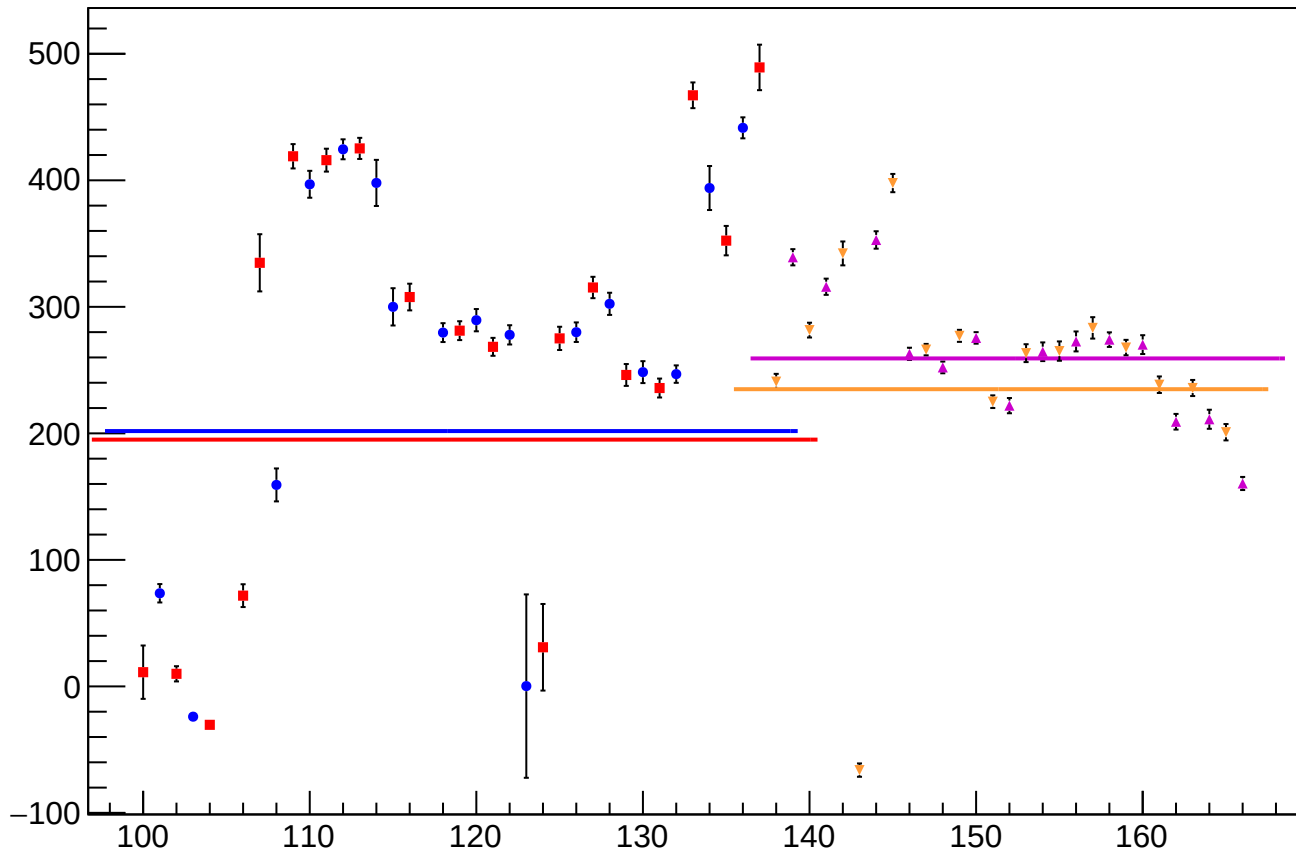
Left In: 9.413 ± 1.118 χ^2/NDF : 161.9/13

+ sign 6.212 ± 0.760 χ^2/NDF : 472.6/31

All: 6.790 ± 0.542 χ^2/NDF : 881.1/64

- sign 7.390 ± 0.774 χ^2/NDF : 407.3/32

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 234.910 $\pm$ 1.571 χ^2 /NDF: 4206.1/14

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

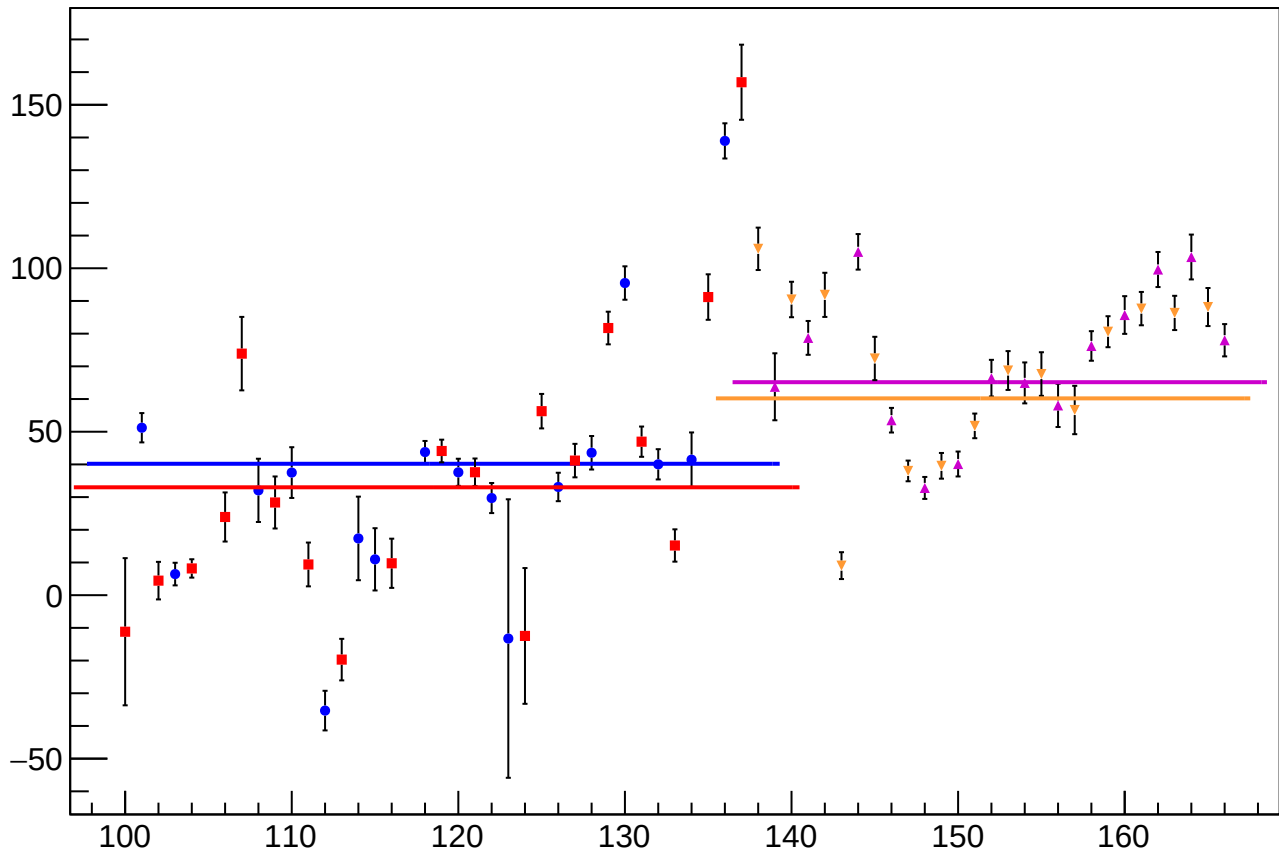
Left In: 259.221 $\pm$ 1.586 χ^2 /NDF: 954.7/13

+ sign 222.043 $\pm$ 1.228 χ^2 /NDF: 11132.8/31

All: 227.681 $\pm$ 0.867 χ^2 /NDF: 21048.8/64

- sign 233.275 $\pm$ 1.224 χ^2 /NDF: 9874.0/32

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 $\pm$ 1.268 χ^2/NDF : 735.0/16

Left Out: 60.201 $\pm$ 1.276 χ^2/NDF :441.9/14

Right Out: 32.999 $\pm$ 1.253 χ^2/NDF : 554.1/18

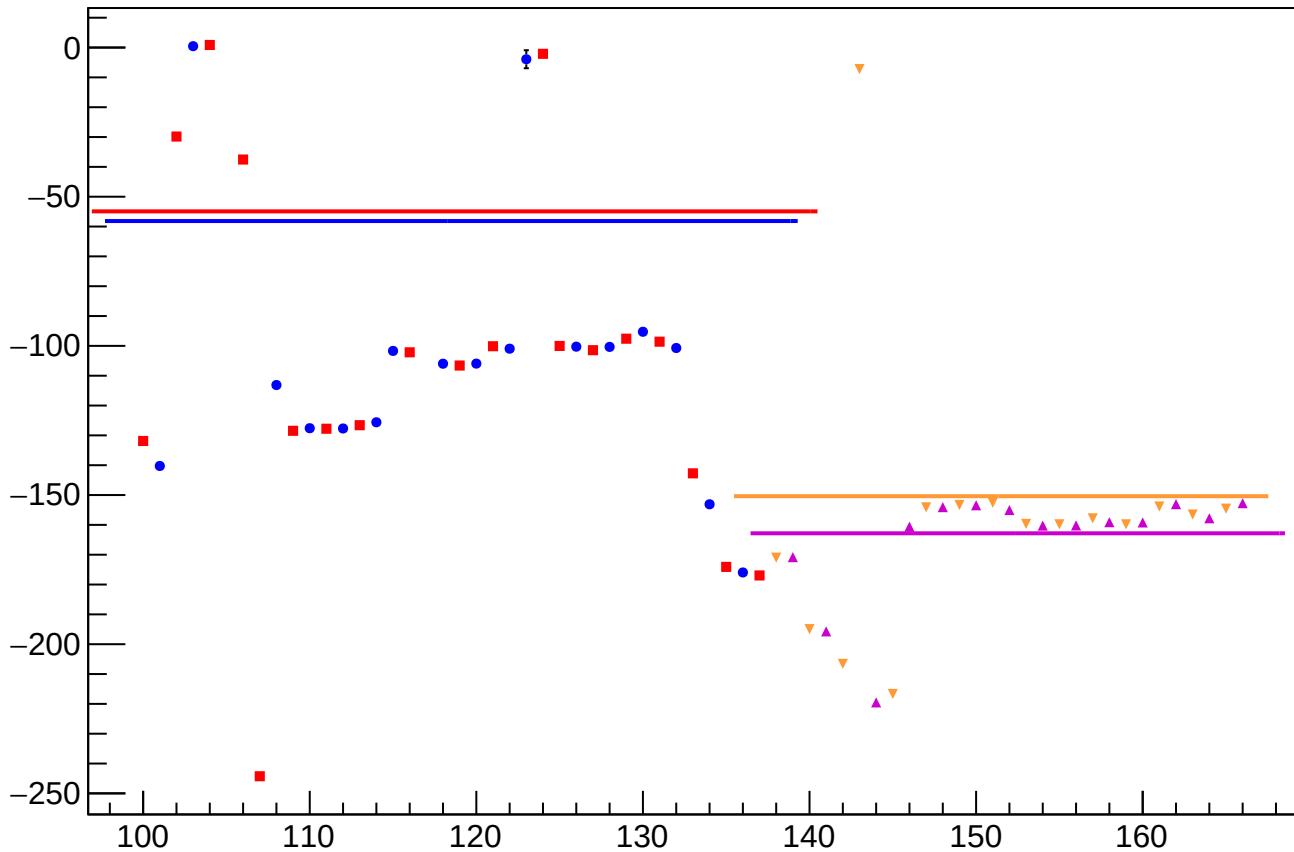
Left In: 65.152 $\pm$ 1.331 χ^2/NDF :305.0/13

+ sign 50.134 $\pm$ 0.899 χ^2/NDF : 1300.6/31

All: 49.133 $\pm$ 0.640 χ^2/NDF : 2471.8/64

- sign 48.103 $\pm$ 0.912 χ^2/NDF : 1168.7/32

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -150.392 ± 0.063 $\chi^2/\text{NDF}: 579840.6/14$

Right Out: -54.914 ± 0.060 $\chi^2/\text{NDF}: 1003885.5/18$

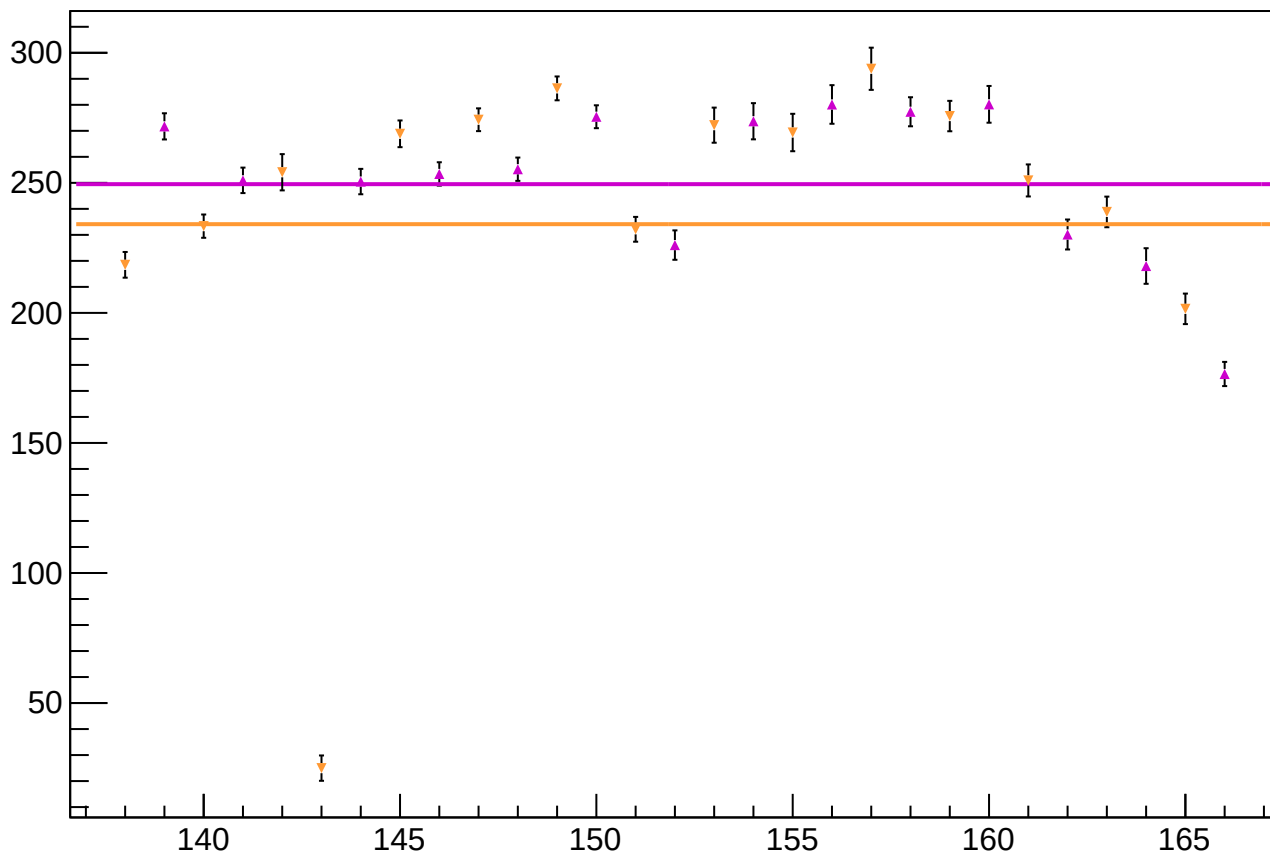
Left In: -162.824 ± 0.064 $\chi^2/\text{NDF}: 62471.8/13$

+ sign -103.074 ± 0.044 $\chi^2/\text{NDF}: 2778147.9/31$

All: -104.456 ± 0.031 $\chi^2/\text{NDF}: 5361096.3/64$

- sign -105.817 ± 0.044 $\chi^2/\text{NDF}: 2580999.5/32$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 234.113+/-1.407 χ^2/NDF : 2321.5/14

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

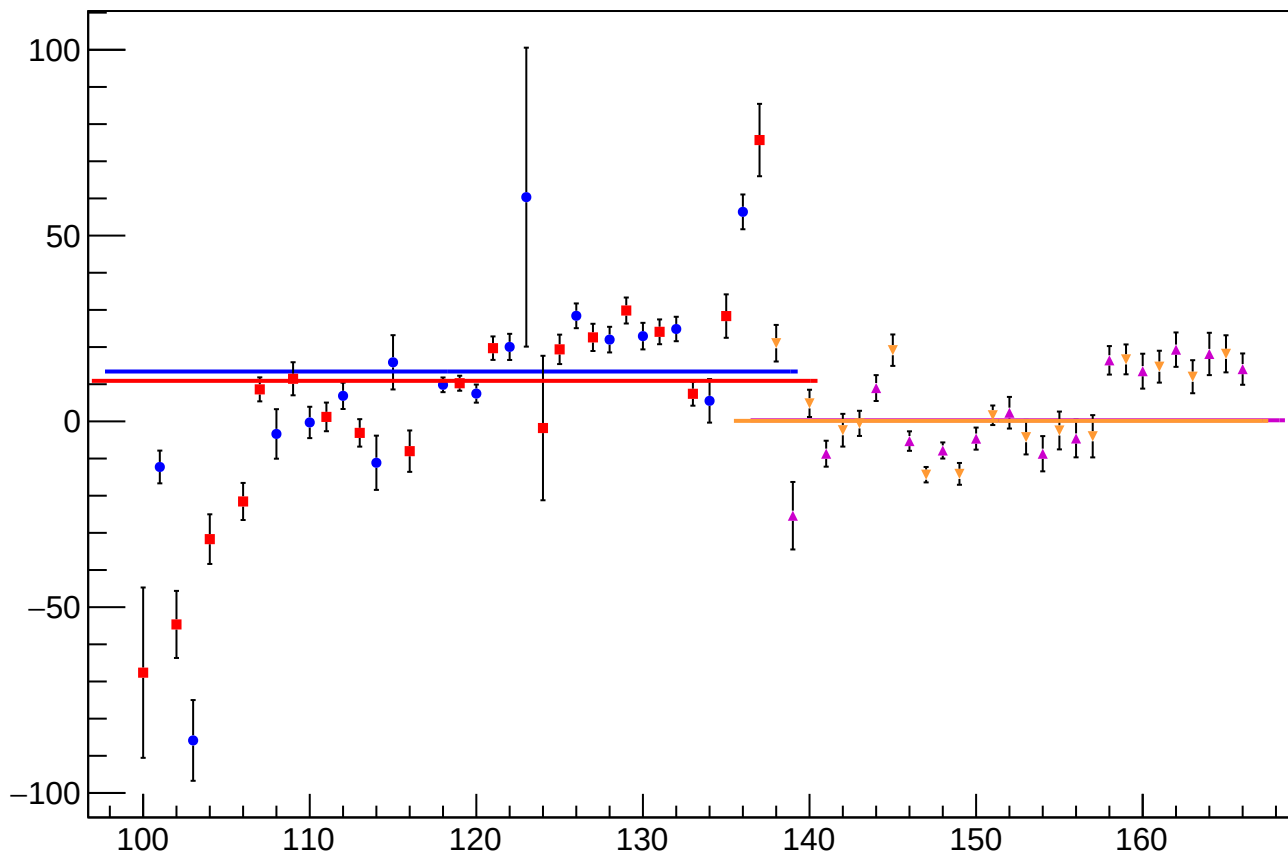
Left In: 249.496+/-1.423 χ^2/NDF : 425.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.719+/-1.000 χ^2/NDF : 2806.0/28

- 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: 0.140+/-0.943 χ^2/NDF : 163.2/14

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

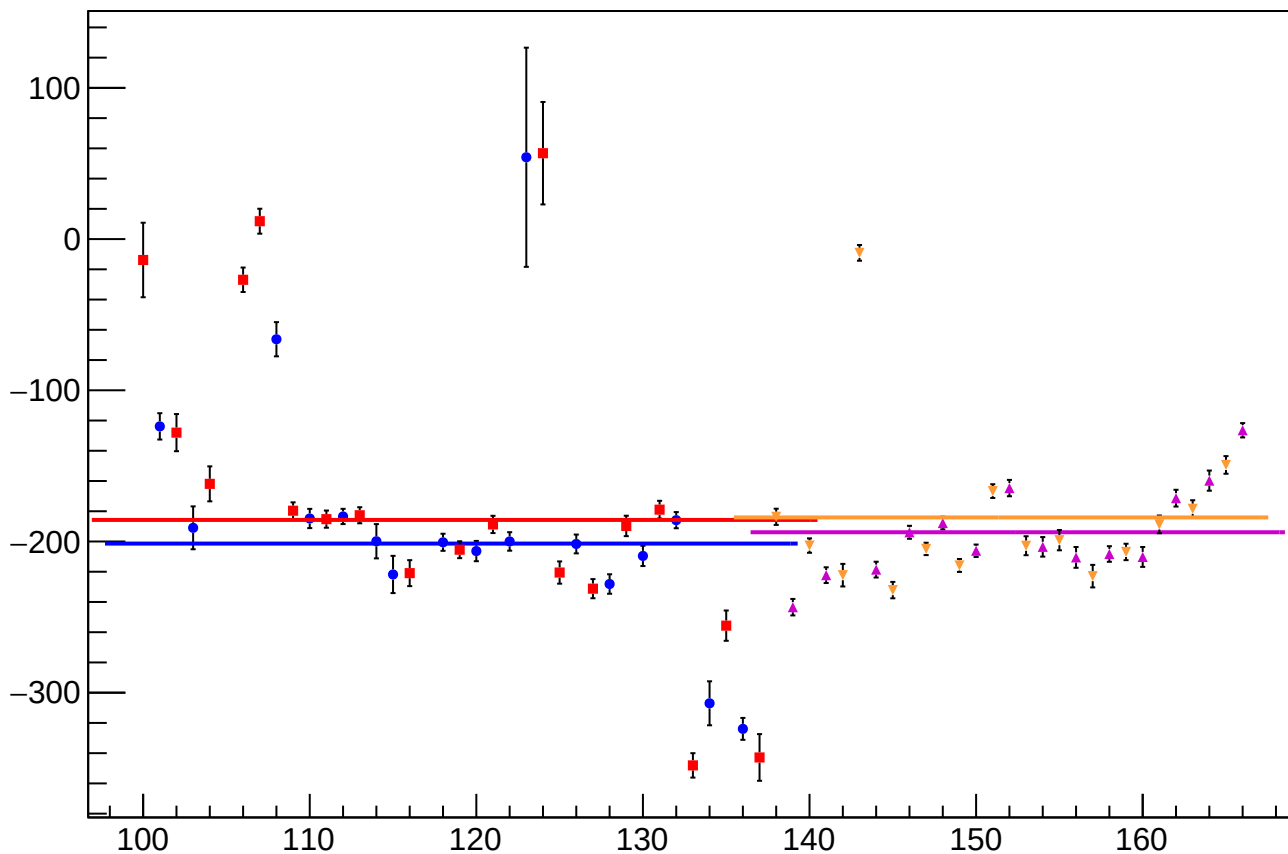
Left In: 0.294+/-0.984 χ^2/NDF : 109.9/13

+ sign 6.946+/-0.658 χ^2/NDF : 560.2/31

All: 6.472+/-0.470 χ^2/NDF : 1036.0/64

- sign 5.979+/-0.670 χ^2/NDF : 474.8/32

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -184.101 ± 1.387 χ^2/NDF : 1444.1/14

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

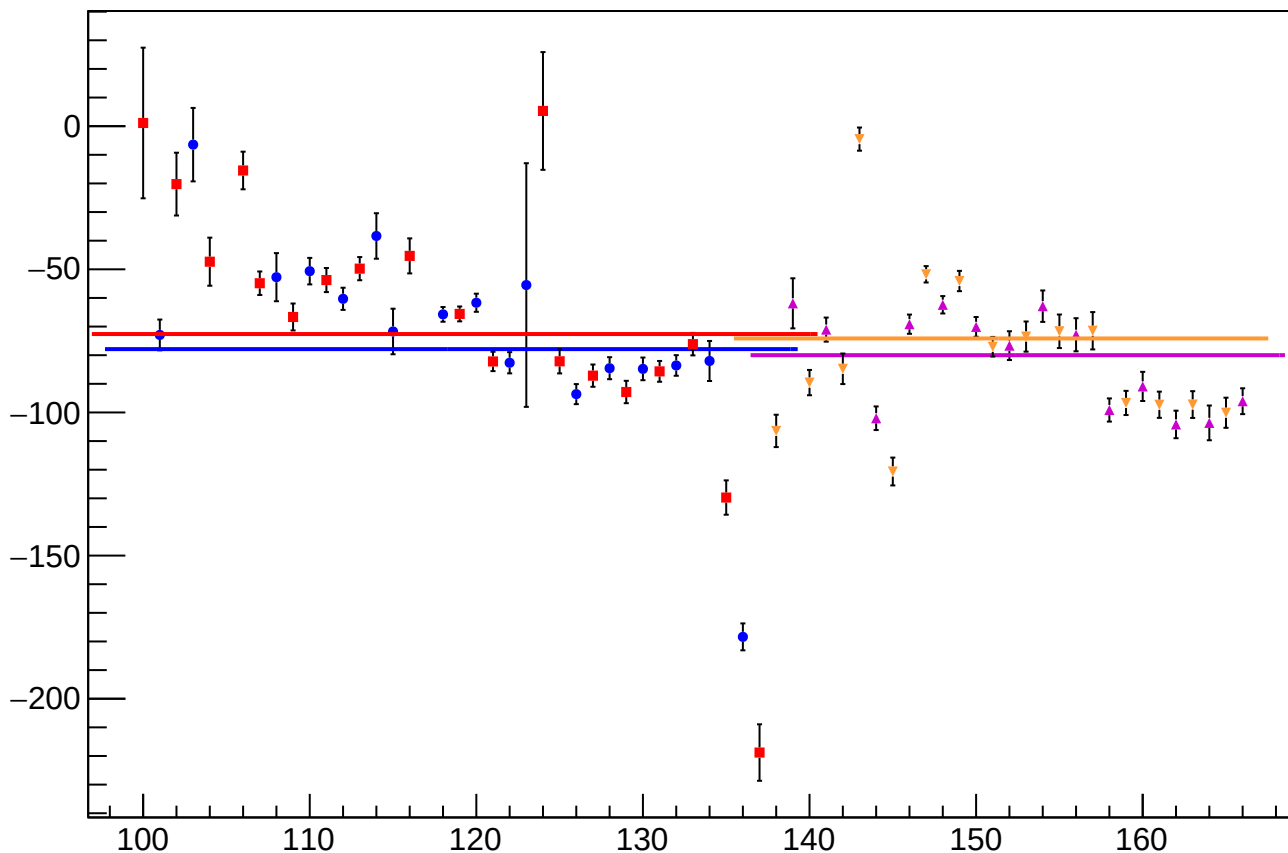
Left In: -193.889 ± 1.391 χ^2/NDF : 442.3/13

+ sign -190.635 ± 1.094 χ^2/NDF : 2126.2/31

All: -190.627 ± 0.767 χ^2/NDF : 4331.6/64

- sign -190.620 ± 1.077 χ^2/NDF : 2205.4/32

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -74.154 ± 1.131 χ^2/NDF : 633.5/14

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

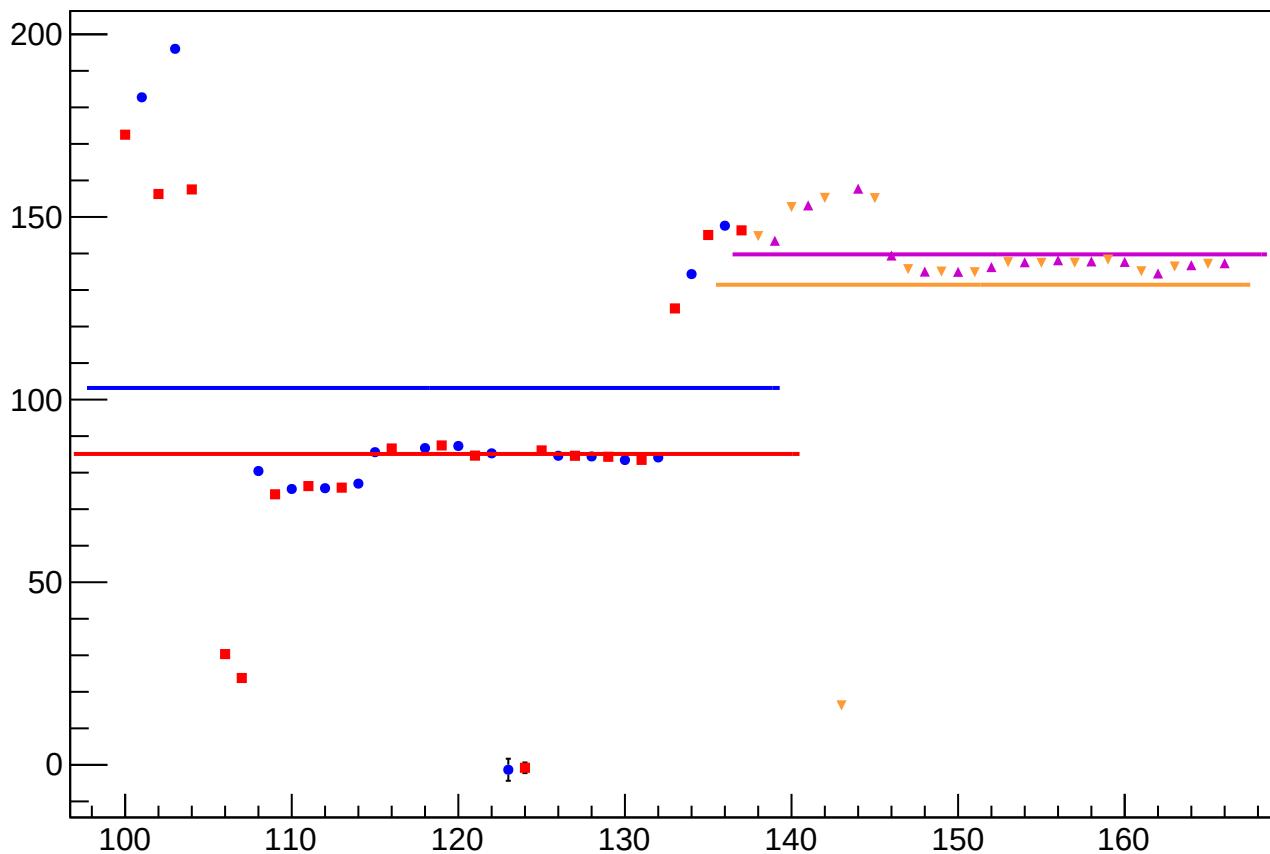
Left In: -79.993 ± 1.169 χ^2/NDF : 181.4/13

+ sign -76.126 ± 0.776 χ^2/NDF : 1297.4/31

All: -76.024 ± 0.551 χ^2/NDF : 2107.6/64

- sign -75.920 ± 0.783 χ^2/NDF : 810.2/32

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 ± 0.070 $\chi^2/\text{NDF}: 273587.8/16$

Left Out: 131.442 ± 0.056 $\chi^2/\text{NDF}: 345523.7/14$

Right Out: 85.121 ± 0.064 $\chi^2/\text{NDF}: 423521.4/18$

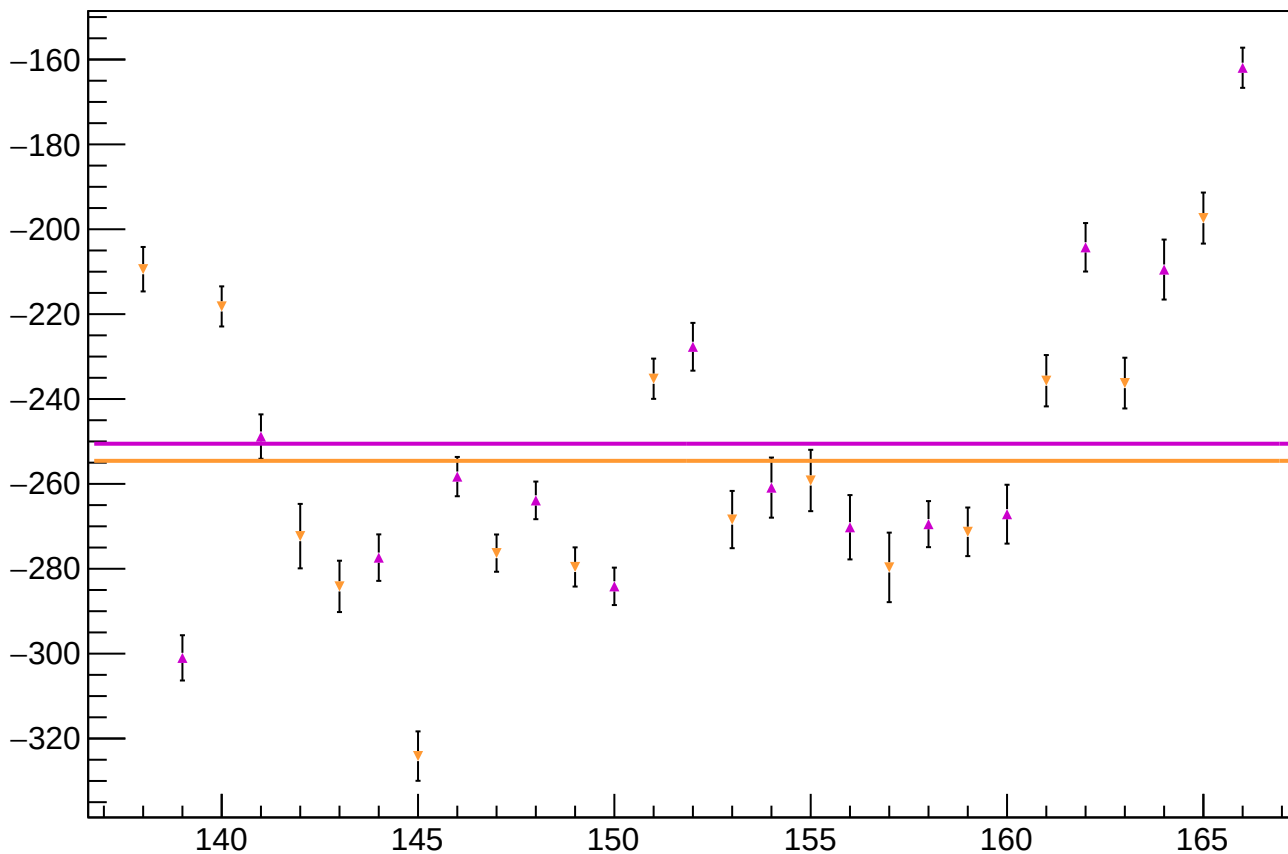
Left In: 139.755 ± 0.056 $\chi^2/\text{NDF}: 13466.7/13$

+ sign 120.540 ± 0.044 $\chi^2/\text{NDF}: 718216.8/31$

All: 118.182 ± 0.030 $\chi^2/\text{NDF}: 1576240.5/64$

- sign 116.000 ± 0.042 $\chi^2/\text{NDF}: 852413.6/32$

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -254.569+/-1.462 χ^2/NDF : 508.3/14

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

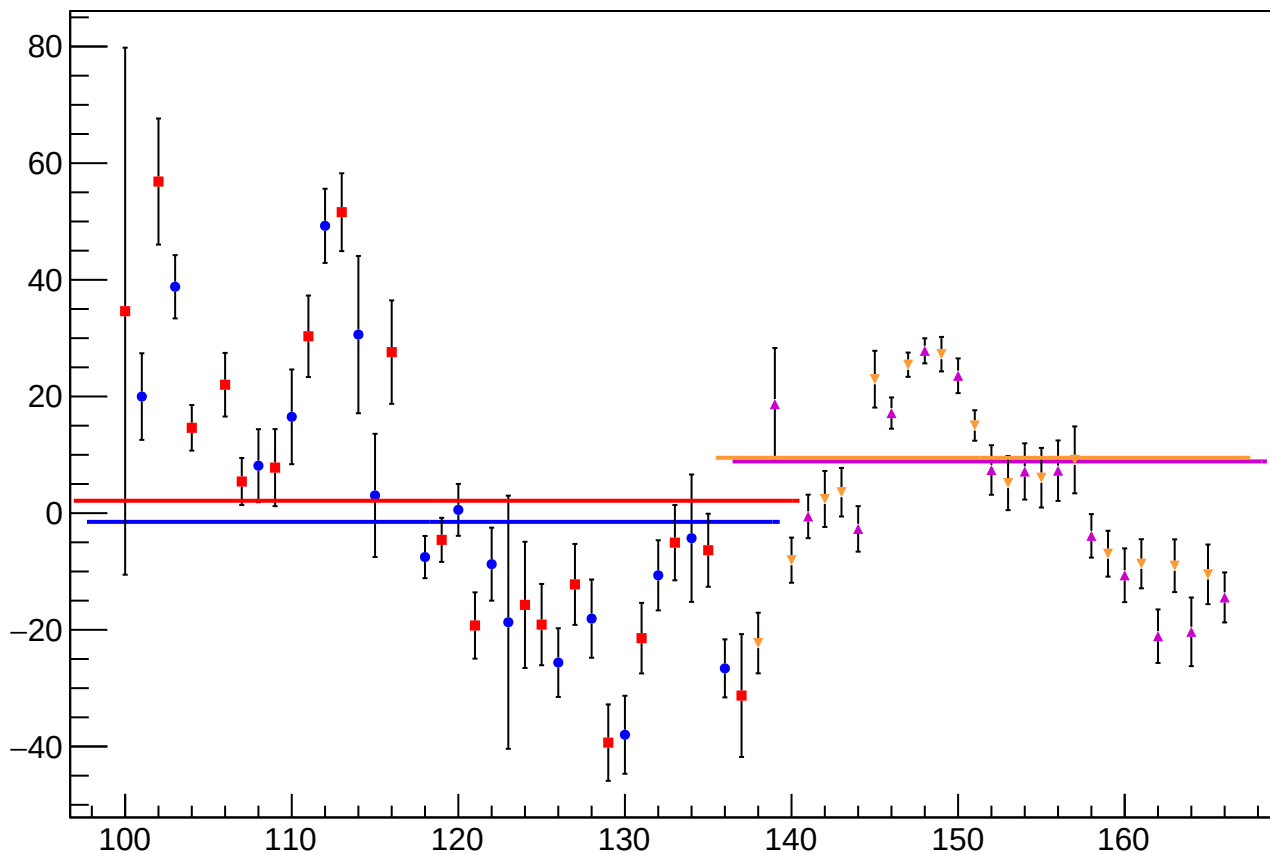
Left In: -250.535+/-1.454 χ^2/NDF : 676.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.542+/-1.031 χ^2/NDF : 1188.4/28

- 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: 9.493 ± 0.970 χ^2/NDF : 238.6/14

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

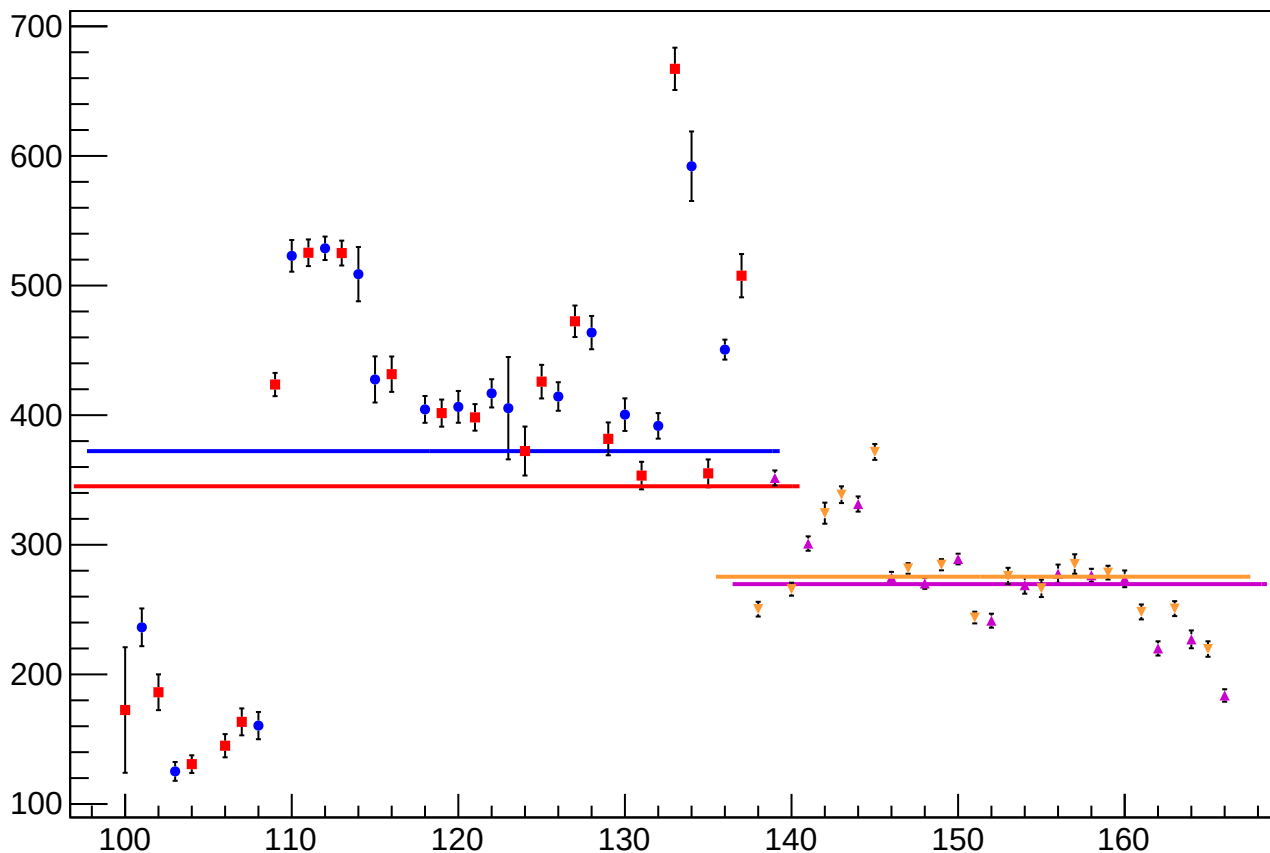
Left In: 8.869 ± 0.999 χ^2/NDF : 254.8/13

+ sign 6.293 ± 0.817 χ^2/NDF : 502.1/31

All: 6.447 ± 0.576 χ^2/NDF : 1004.9/64

- sign 6.600 ± 0.813 χ^2/NDF : 502.7/32

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF : 2433.1/16

Left Out: 275.361+/-1.433 χ^2/NDF : 590.7/14

Right Out: 345.135+/-2.562 χ^2/NDF : 3416.5/18

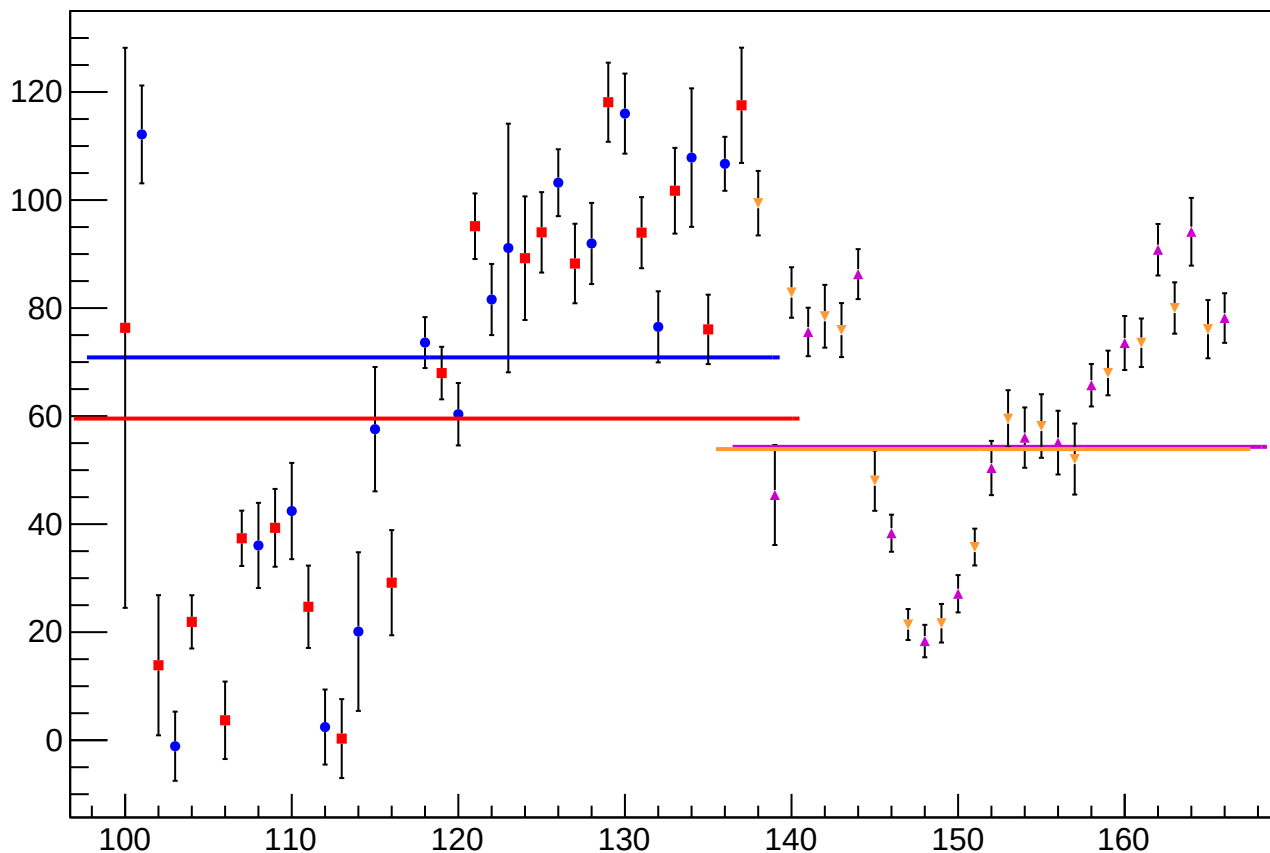
Left In: 269.658+/-1.417 χ^2/NDF : 835.6/13

+ sign 295.935+/-1.272 χ^2/NDF : 3995.2/31

All: 291.528+/-0.888 χ^2/NDF : 8935.2/64

- sign 287.337+/-1.240 χ^2/NDF : 4916.6/32

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 53.891 $\pm$ 1.166 χ^2 /NDF: 452.5/14

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

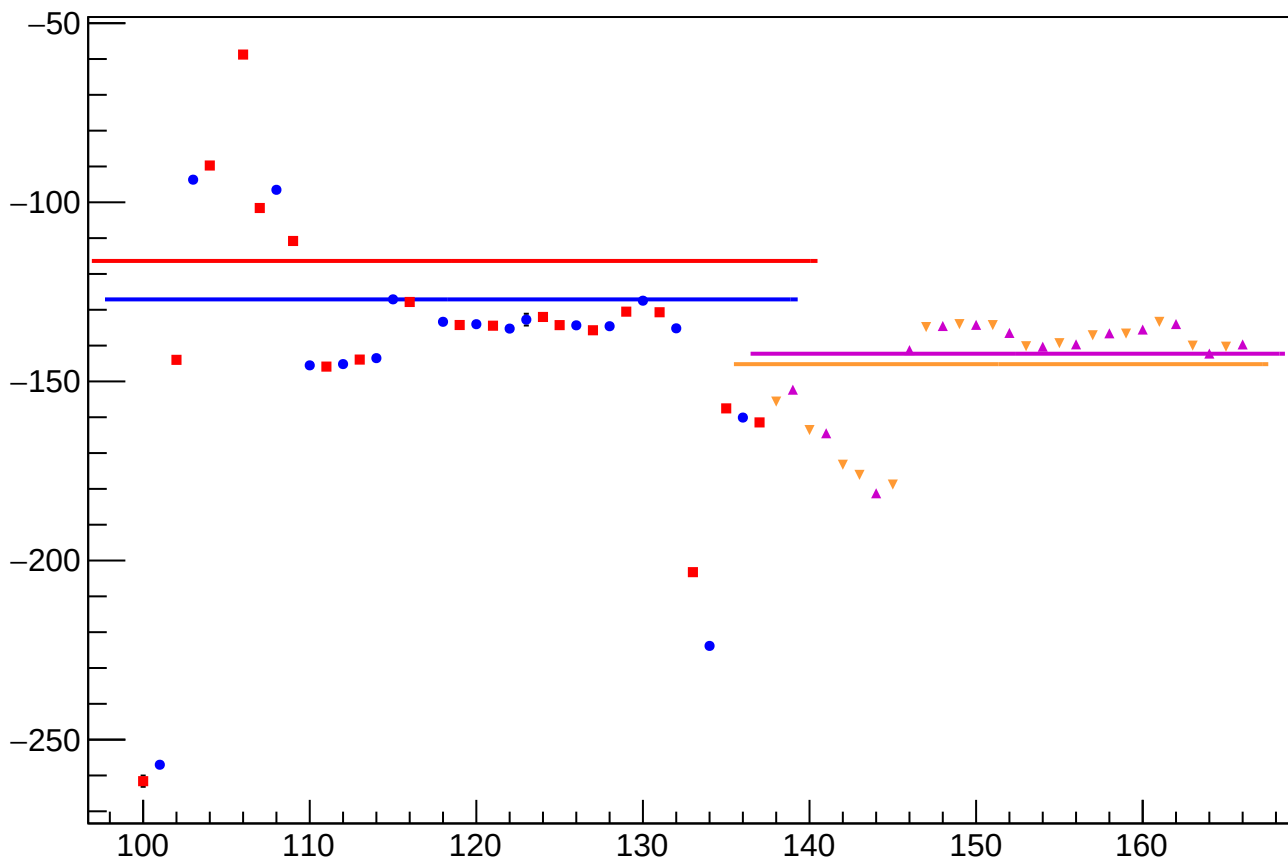
Left In: 54.315 $\pm$ 1.187 χ^2 /NDF: 447.7/13

+ sign 59.137 $\pm$ 0.969 χ^2 /NDF: 945.0/31

All: 57.617 $\pm$ 0.682 χ^2 /NDF: 1895.2/64

- sign 56.124 $\pm$ 0.960 χ^2 /NDF: 945.3/32

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 ± 0.089 $\chi^2/\text{NDF}: 167064.7/16$

Left Out: -145.182 ± 0.058 $\chi^2/\text{NDF}: 67689.6/14$

Right Out: -116.369 ± 0.083 $\chi^2/\text{NDF}: 167595.6/18$

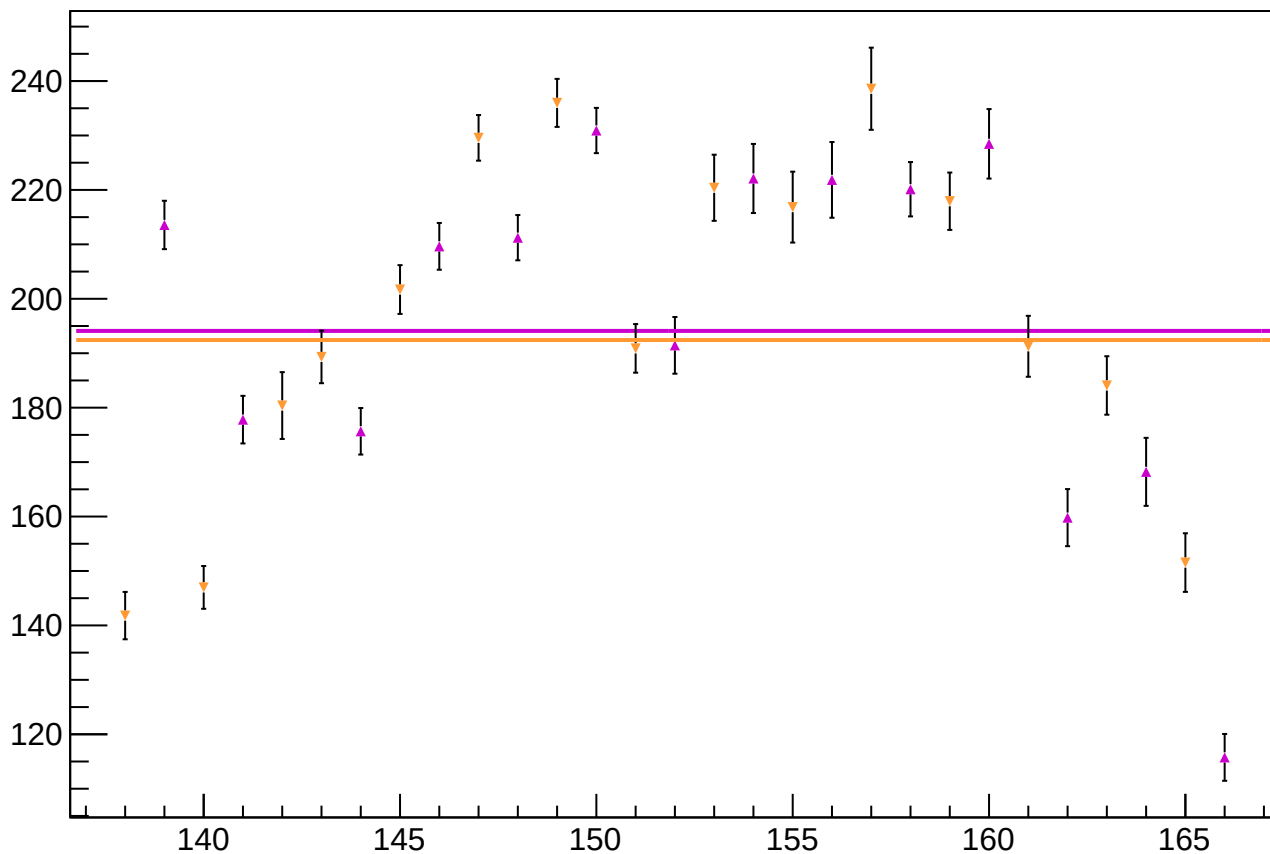
Left In: -142.269 ± 0.057 $\chi^2/\text{NDF}: 43611.4/13$

+ sign -139.884 ± 0.048 $\chi^2/\text{NDF}: 263638.2/31$

All: -136.841 ± 0.034 $\chi^2/\text{NDF}: 548857.3/64$

- sign -133.985 ± 0.047 $\chi^2/\text{NDF}: 277557.8/32$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 192.424+/-1.290 χ^2/NDF : 610.0/14

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

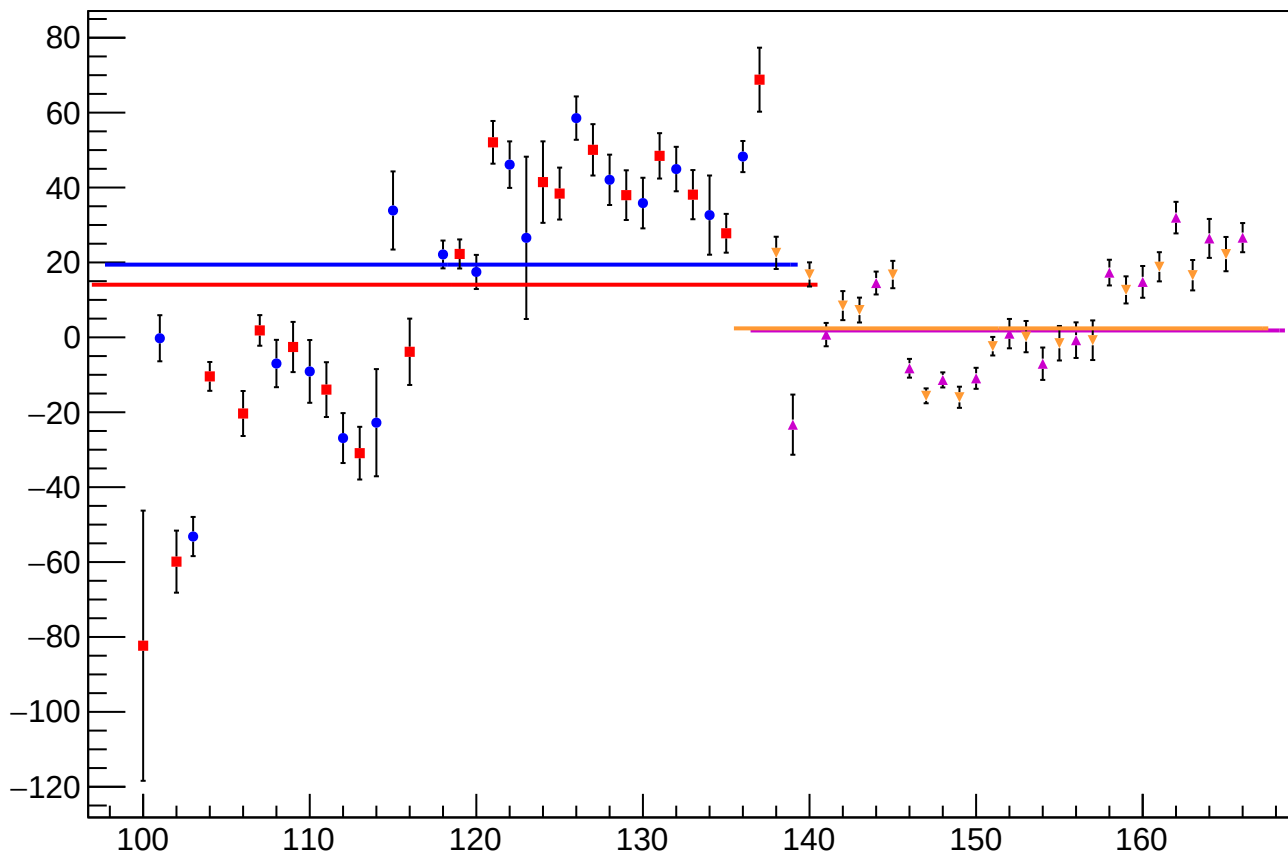
Left In: 194.099+/-1.301 χ^2/NDF : 643.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.254+/-0.916 χ^2/NDF : 1254.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 ± 1.480 χ^2/NDF : 441.1/16

Left Out: 2.394 ± 0.872 χ^2/NDF : 248.7/14

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

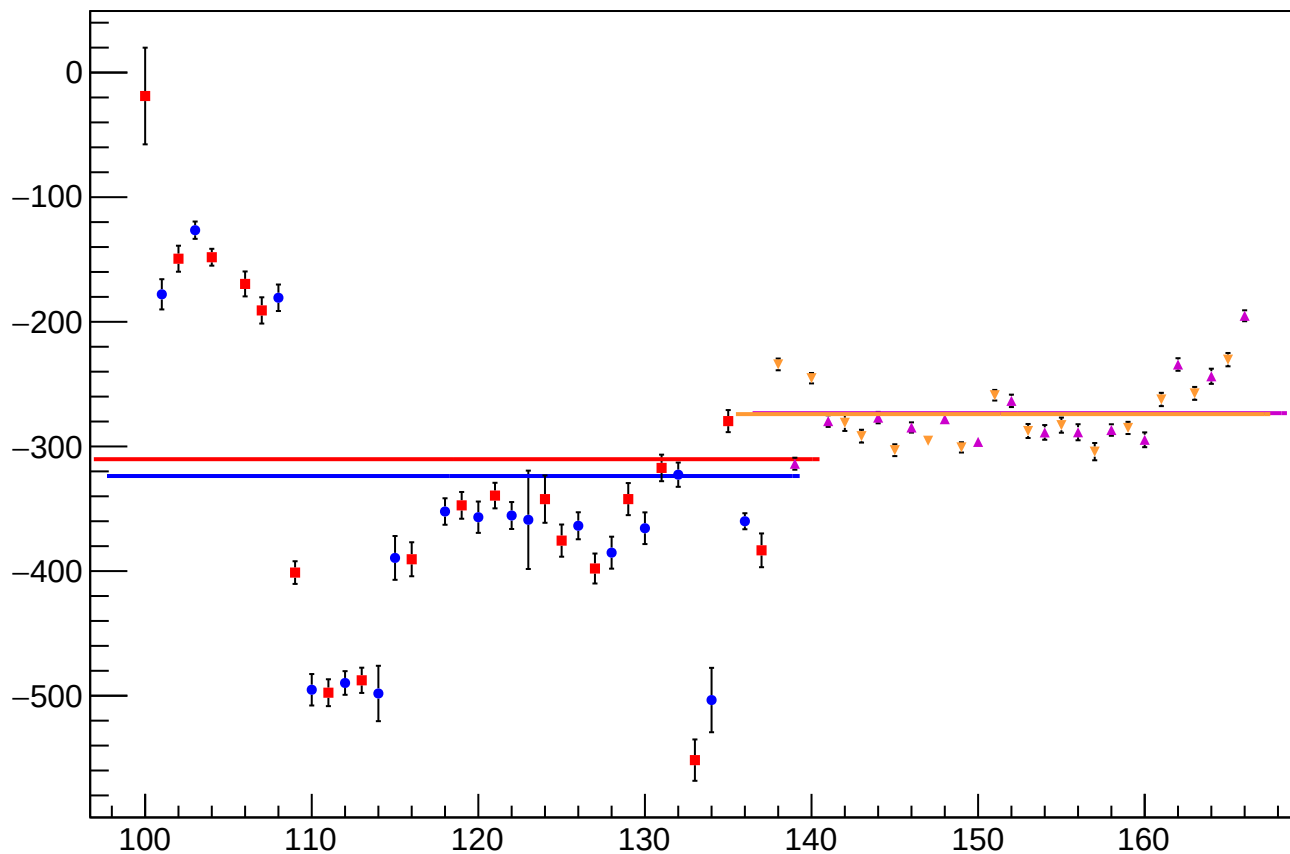
Left In: 1.839 ± 0.905 χ^2/NDF : 255.1/13

+ sign 6.781 ± 0.751 χ^2/NDF : 788.0/31

All: 6.132 ± 0.534 χ^2/NDF : 1535.3/64

- sign 5.469 ± 0.759 χ^2/NDF : 745.8/32

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -274.053 ± 1.275 χ^2/NDF : 367.1/14

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

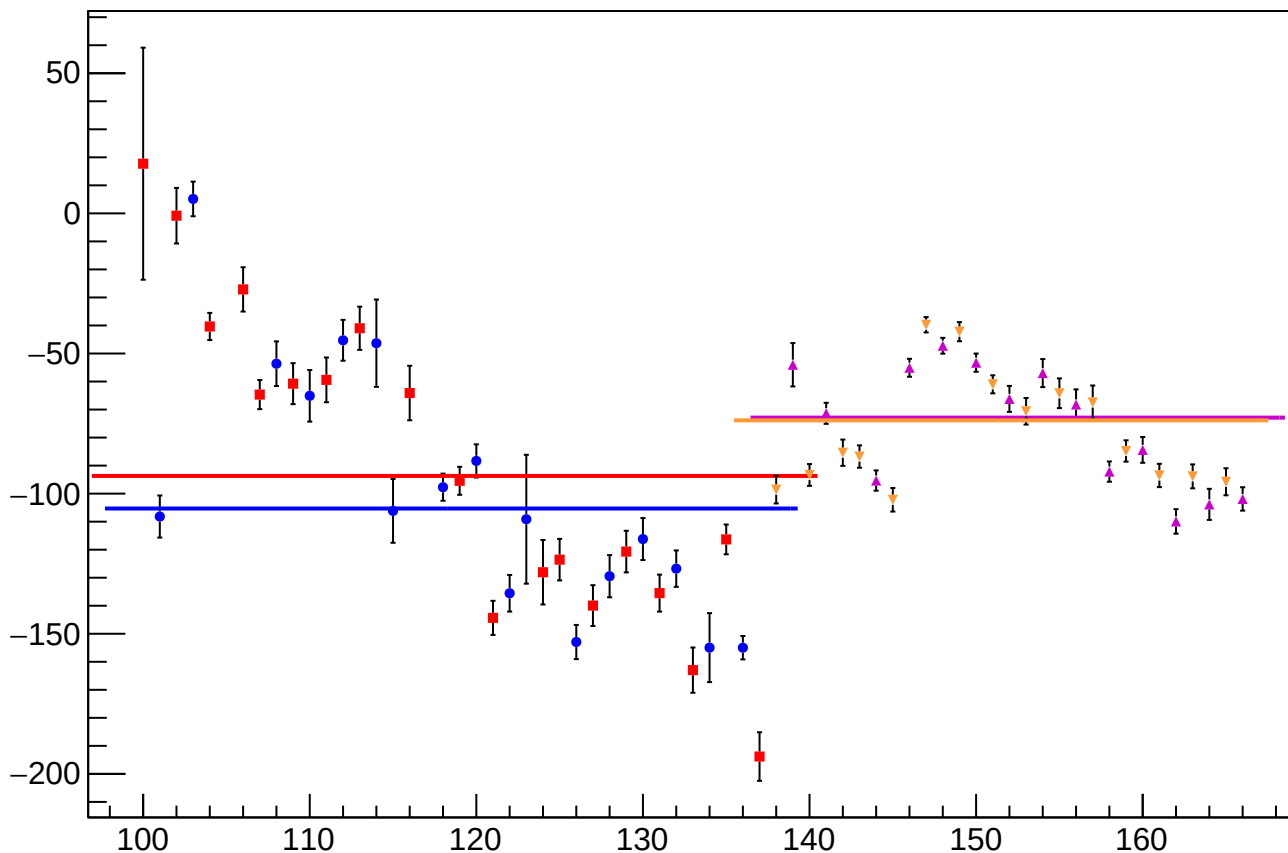
Left In: -273.283 ± 1.275 χ^2/NDF : 557.8/13

+ sign -283.287 ± 1.150 χ^2/NDF : 2500.0/31

All: -282.028 ± 0.809 χ^2/NDF : 5530.9/64

- sign -280.797 ± 1.138 χ^2/NDF : 3028.5/32

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -73.854 ± 1.043 χ^2/NDF : 447.1/14

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

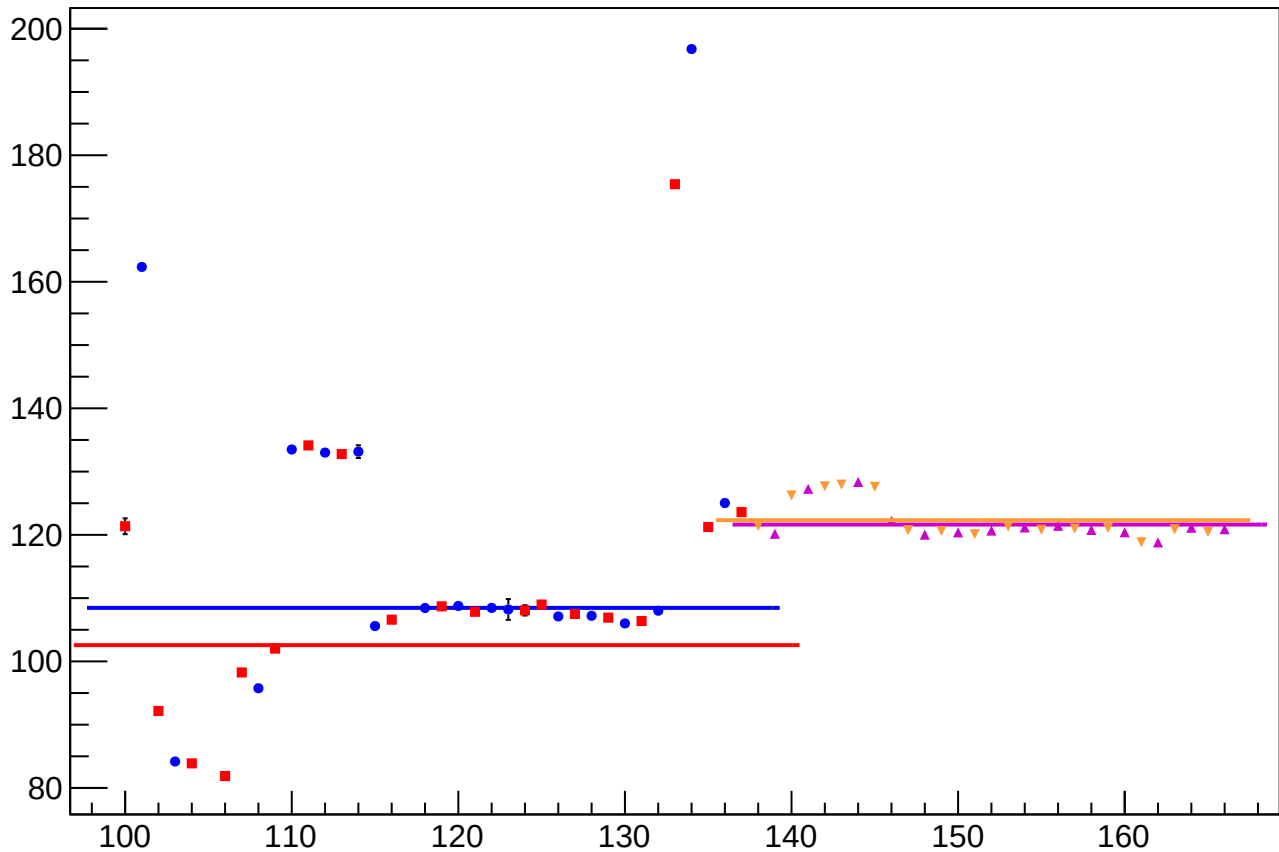
Left In: -72.879 ± 1.073 χ^2/NDF : 393.0/13

+ sign -82.506 ± 0.888 χ^2/NDF : 1434.7/31

All: -80.898 ± 0.630 χ^2/NDF : 2776.2/64

- sign -79.271 ± 0.893 χ^2/NDF : 1334.9/32

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 $\pm$ 0.085 χ^2 /NDF: 73302.1/16

Left Out: 122.318 $\pm$ 0.051 χ^2 /NDF:3329.7/14

Right Out: 102.570 $\pm$ 0.079 χ^2 /NDF: 53143.8/18

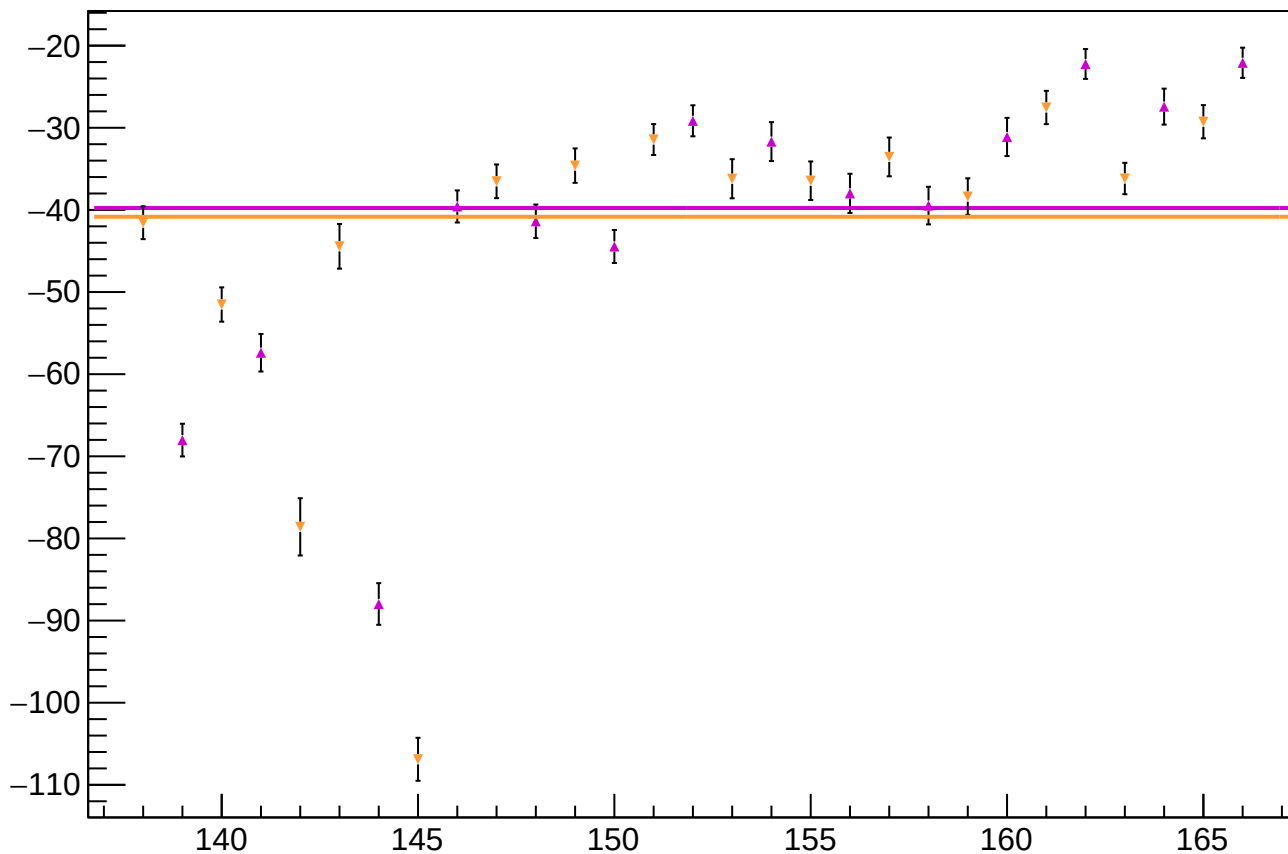
Left In: 121.628 $\pm$ 0.051 χ^2 /NDF:2572.8/13

+ sign 118.617 $\pm$ 0.044 χ^2 /NDF: 96241.1/31

All: 117.310 $\pm$ 0.031 χ^2 /NDF: 194397.4/64

- sign 116.050 $\pm$ 0.043 χ^2 /NDF: 96405.5/32

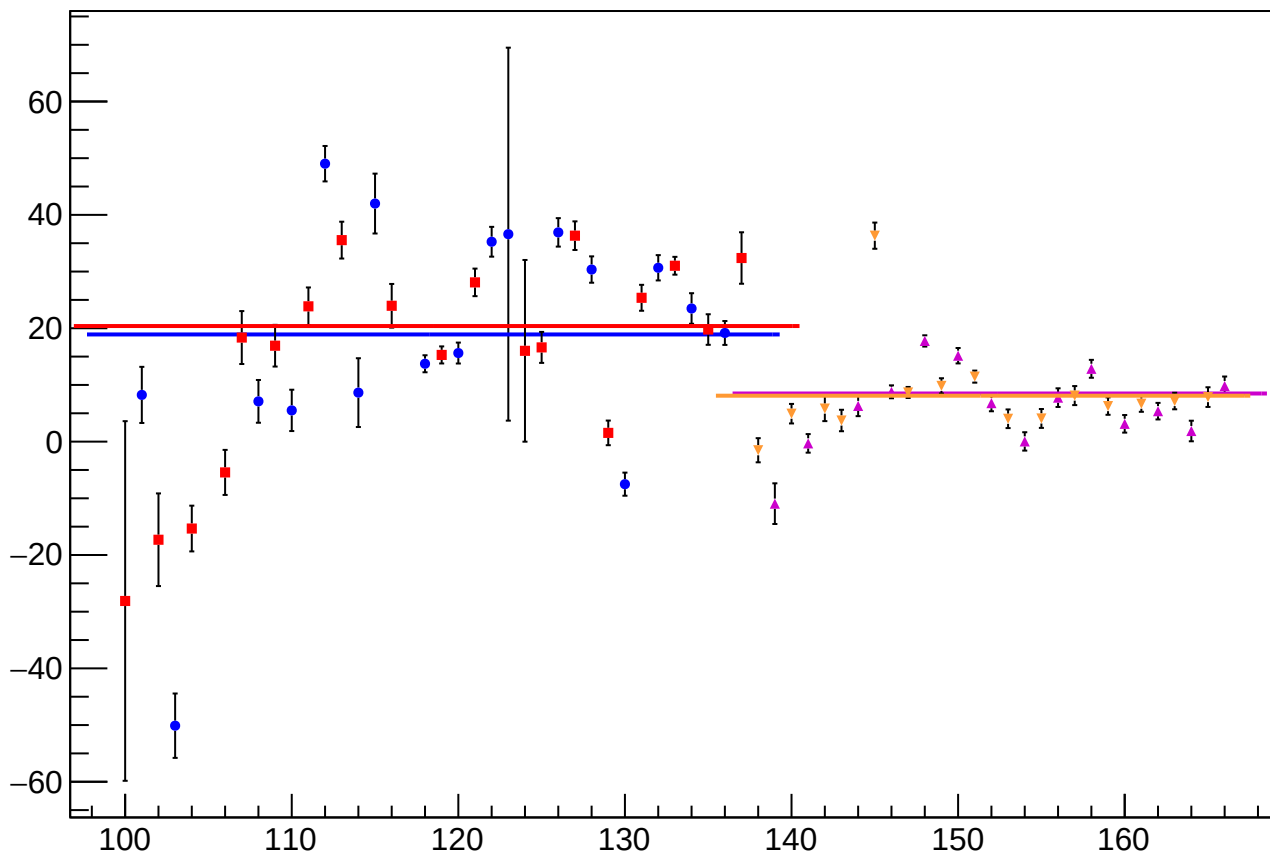
reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: -40.833 $\pm$ 0.569 χ^2 /NDF: 919.5/14
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: -39.773 $\pm$ 0.562 χ^2 /NDF: 903.4/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: -40.297 $\pm$ 0.400 χ^2 /NDF: 1824.6/28
- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 ± 0.644 χ^2/NDF : 618.9/16

Left Out: 8.102 ± 0.392 χ^2/NDF : 206.2/14

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

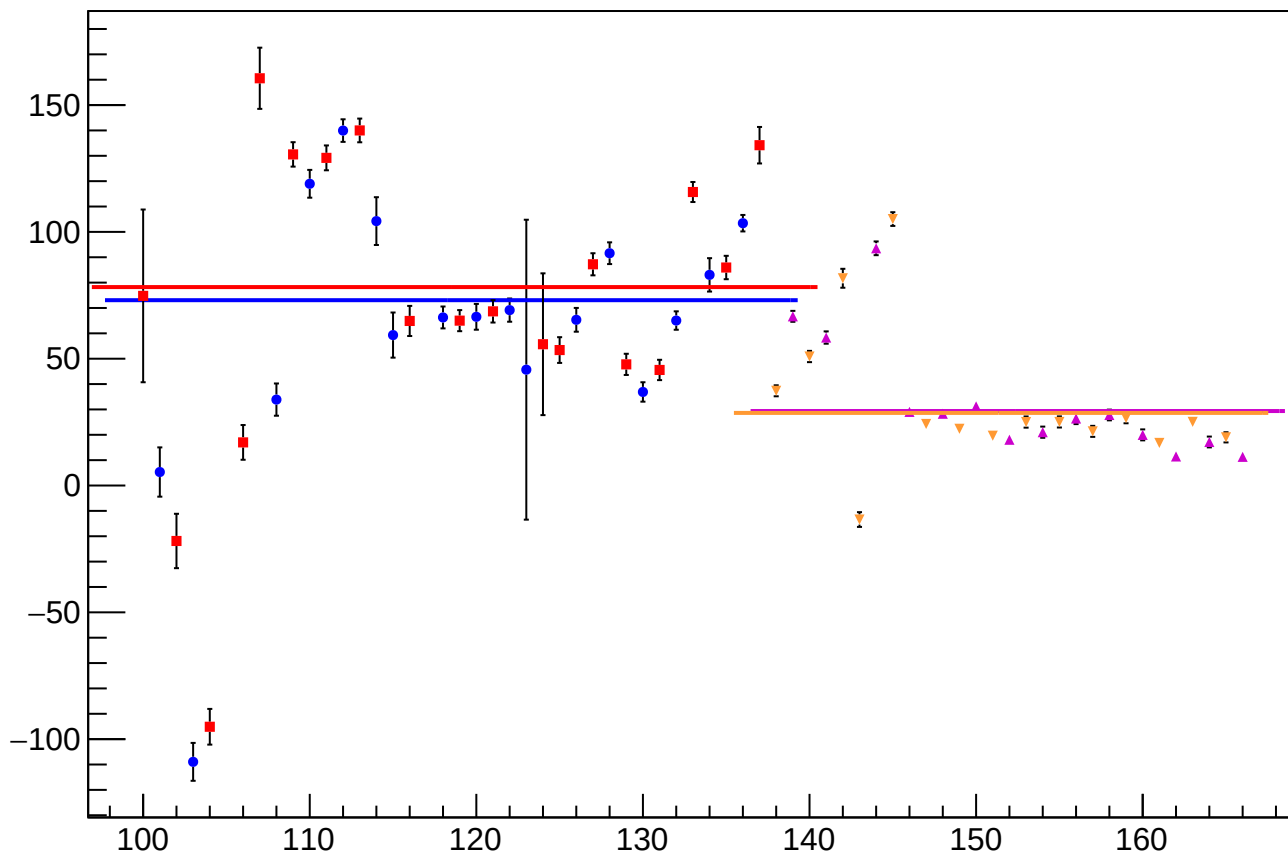
Left In: 8.489 ± 0.400 χ^2/NDF : 237.8/13

+ sign 11.023 ± 0.335 χ^2/NDF : 1030.8/31

All: 11.405 ± 0.238 χ^2/NDF : 1883.2/64

- sign 11.798 ± 0.339 χ^2/NDF : 849.8/32

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 28.629 $\pm$ 0.555 χ^2 /NDF:1448.4/14

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

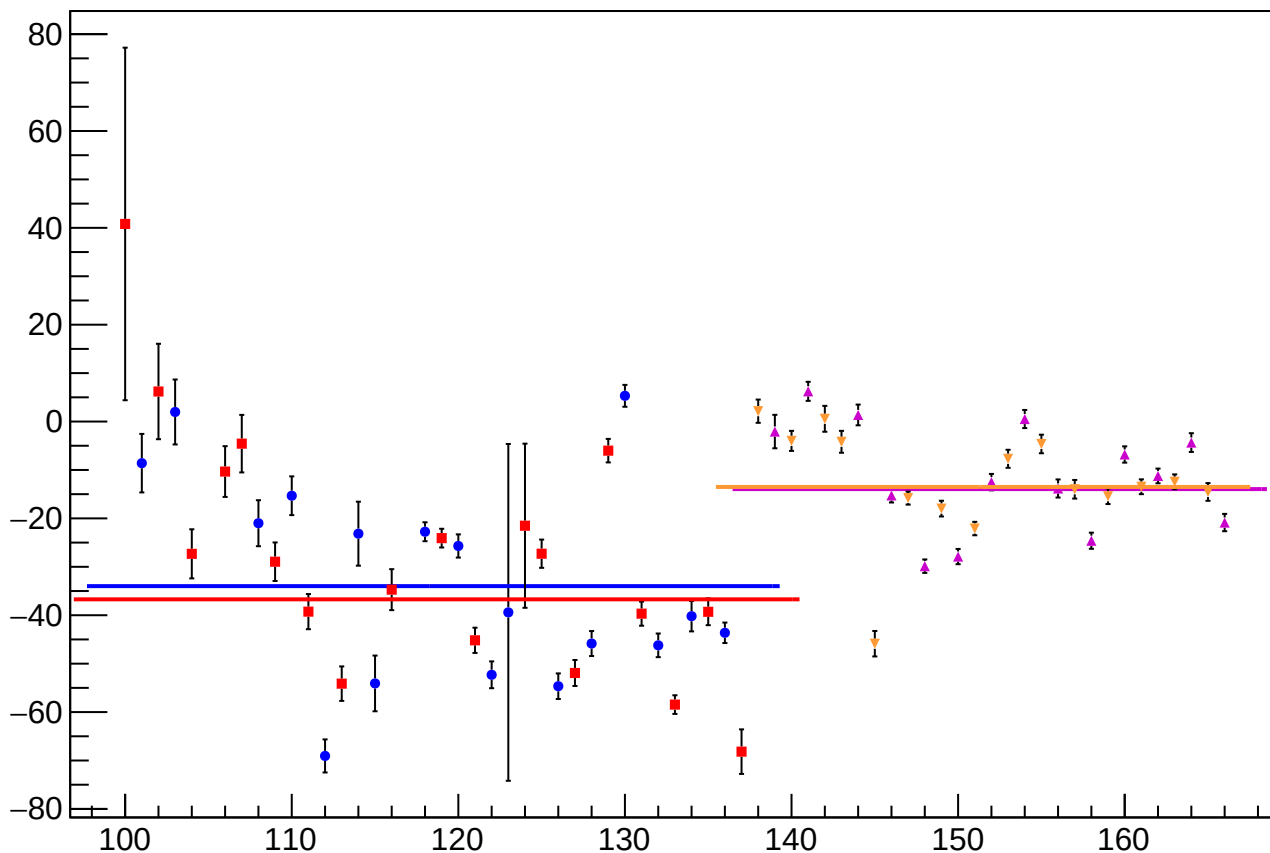
Left In: 29.365 $\pm$ 0.547 χ^2 /NDF:1308.8/13

+ sign 36.162 $\pm$ 0.505 χ^2 /NDF: 3736.4/31

All: 36.843 $\pm$ 0.355 χ^2 /NDF: 7923.6/64

- sign 37.506 $\pm$ 0.499 χ^2 /NDF: 4183.5/32

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.508 ± 0.461 χ^2/NDF : 342.1/14

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

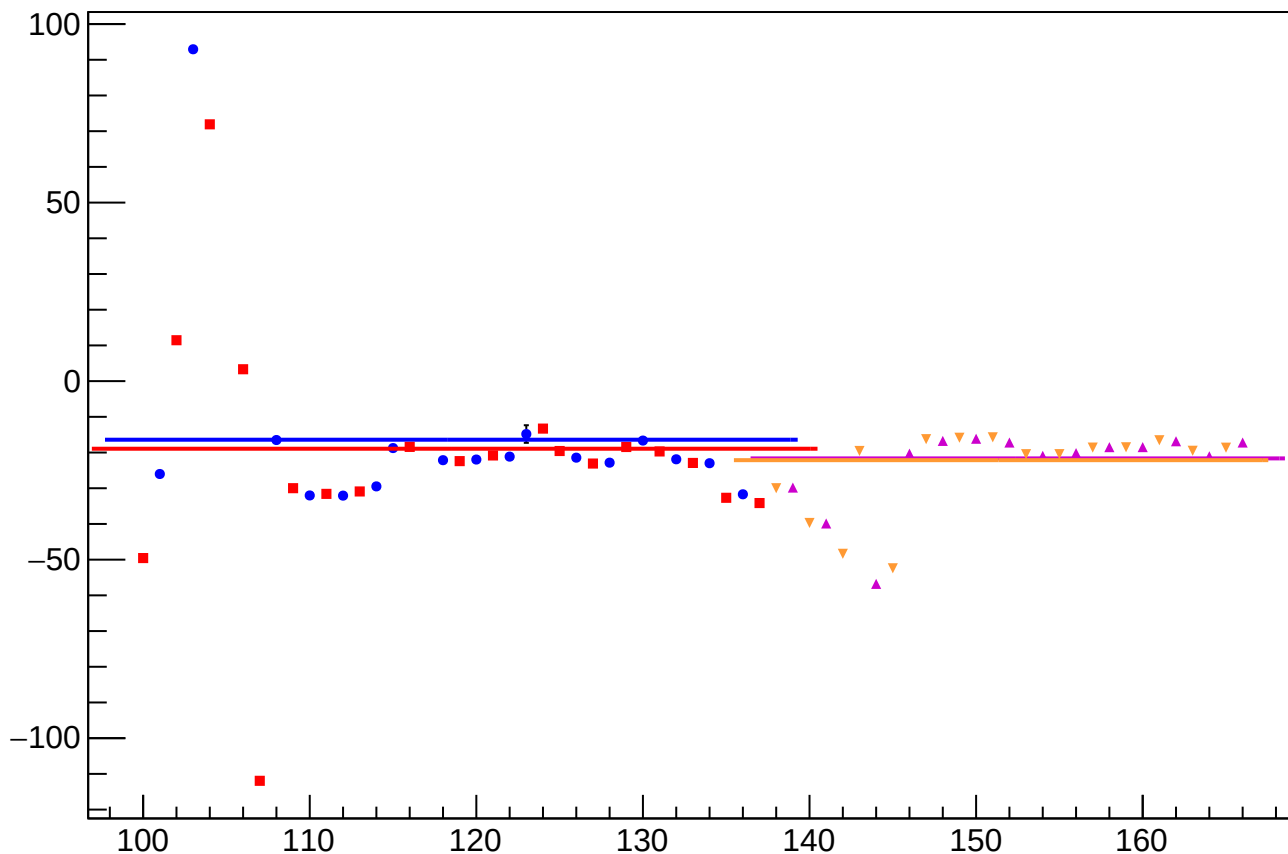
Left In: -13.950 ± 0.466 χ^2/NDF : 541.2/13

+ sign -19.271 ± 0.391 χ^2/NDF : 1618.1/31

All: -19.861 ± 0.277 χ^2/NDF : 3388.7/64

- sign -20.461 ± 0.394 χ^2/NDF : 1766.1/32

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -22.137 ± 0.022 $\chi^2/\text{NDF}: 183867.8/14$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

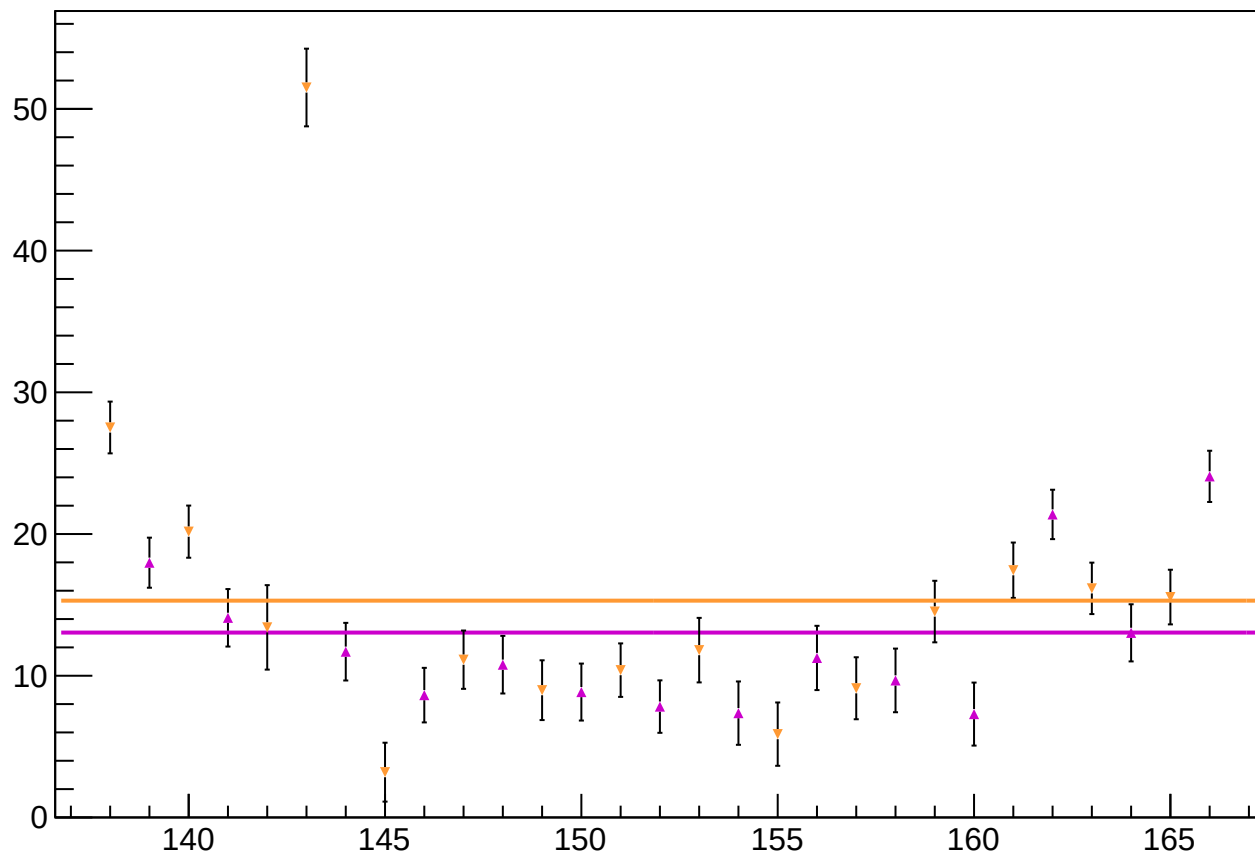
Left In: -21.642 ± 0.022 $\chi^2/\text{NDF}: 157355.3/13$

+ sign -21.026 ± 0.020 $\chi^2/\text{NDF}: 671645.3/31$

All: -21.083 ± 0.014 $\chi^2/\text{NDF}: 1266087.7/64$

- sign -21.140 ± 0.019 $\chi^2/\text{NDF}: 594425.4/32$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 15.299+/-0.537 χ^2/NDF : 310.1/14

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

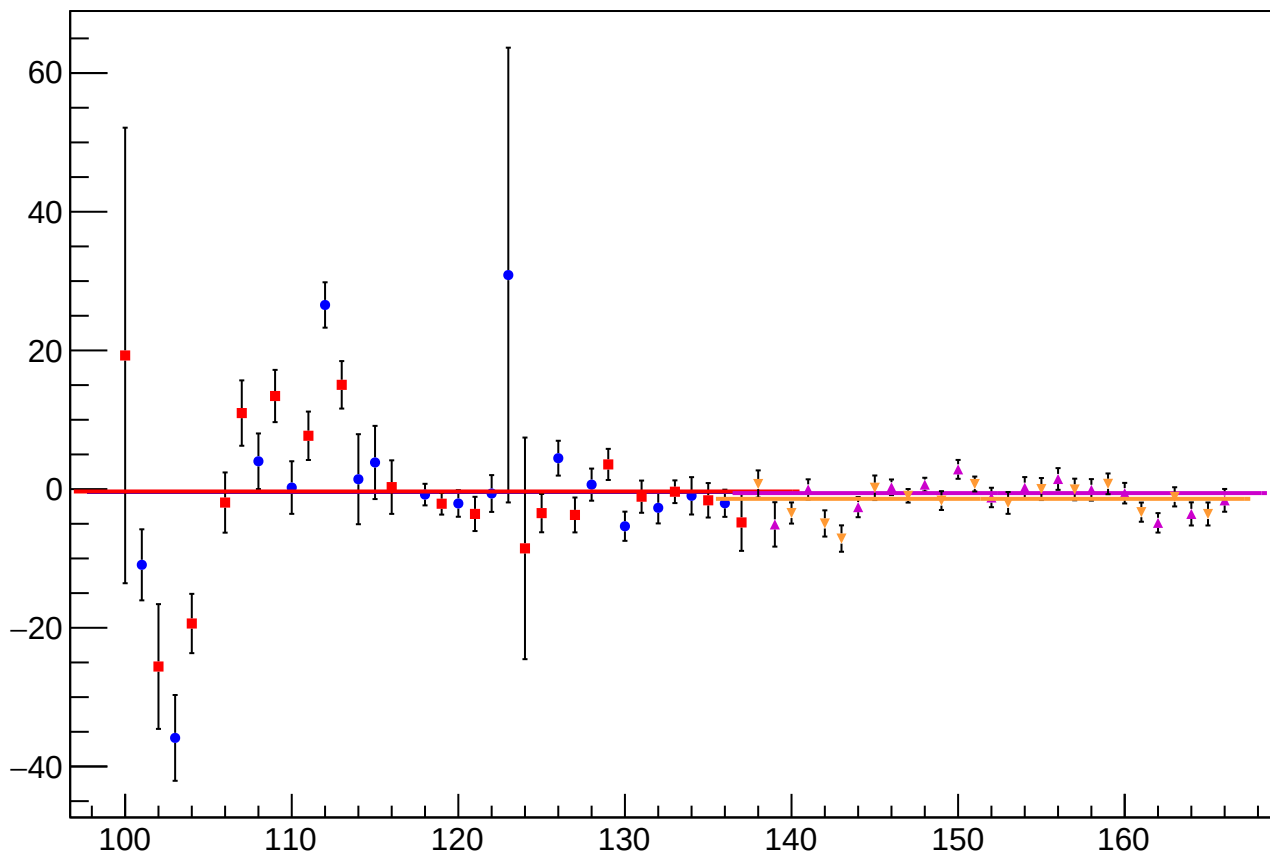
Left In: 13.046+/-0.532 χ^2/NDF : 103.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.161+/-0.378 χ^2/NDF : 422.4/28

- 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: -1.403 ± 0.376 χ^2/NDF : 28.1/14

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

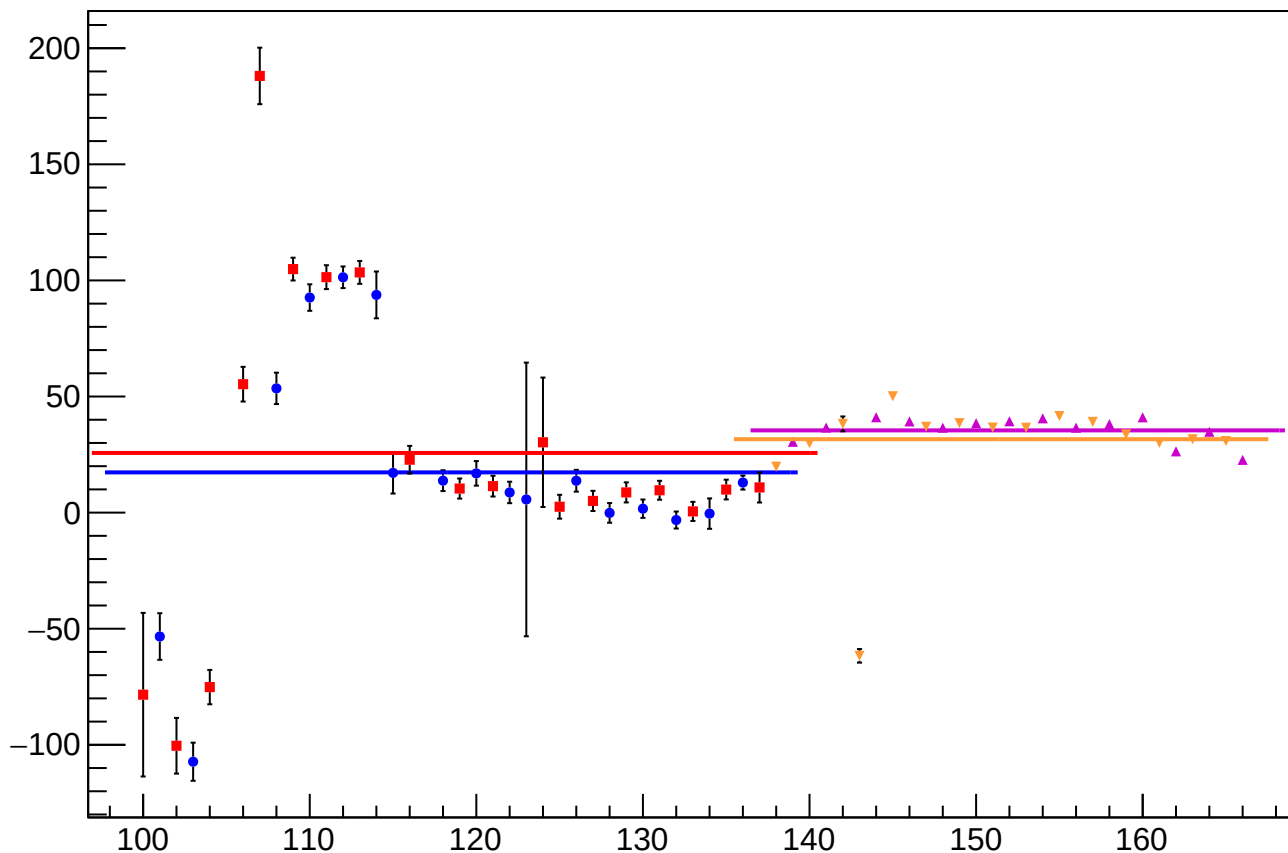
Left In: -0.576 ± 0.382 χ^2/NDF : 27.7/13

+ sign -1.158 ± 0.326 χ^2/NDF : 149.7/31

All: -0.842 ± 0.232 χ^2/NDF : 263.1/64

- sign -0.517 ± 0.331 χ^2/NDF : 111.5/32

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2 /NDF: 943.2/16

Left Out: 31.621+/-0.527 χ^2 /NDF:1201.0/14

Right Out: 25.701+/-1.243 χ^2 /NDF: 1379.1/18

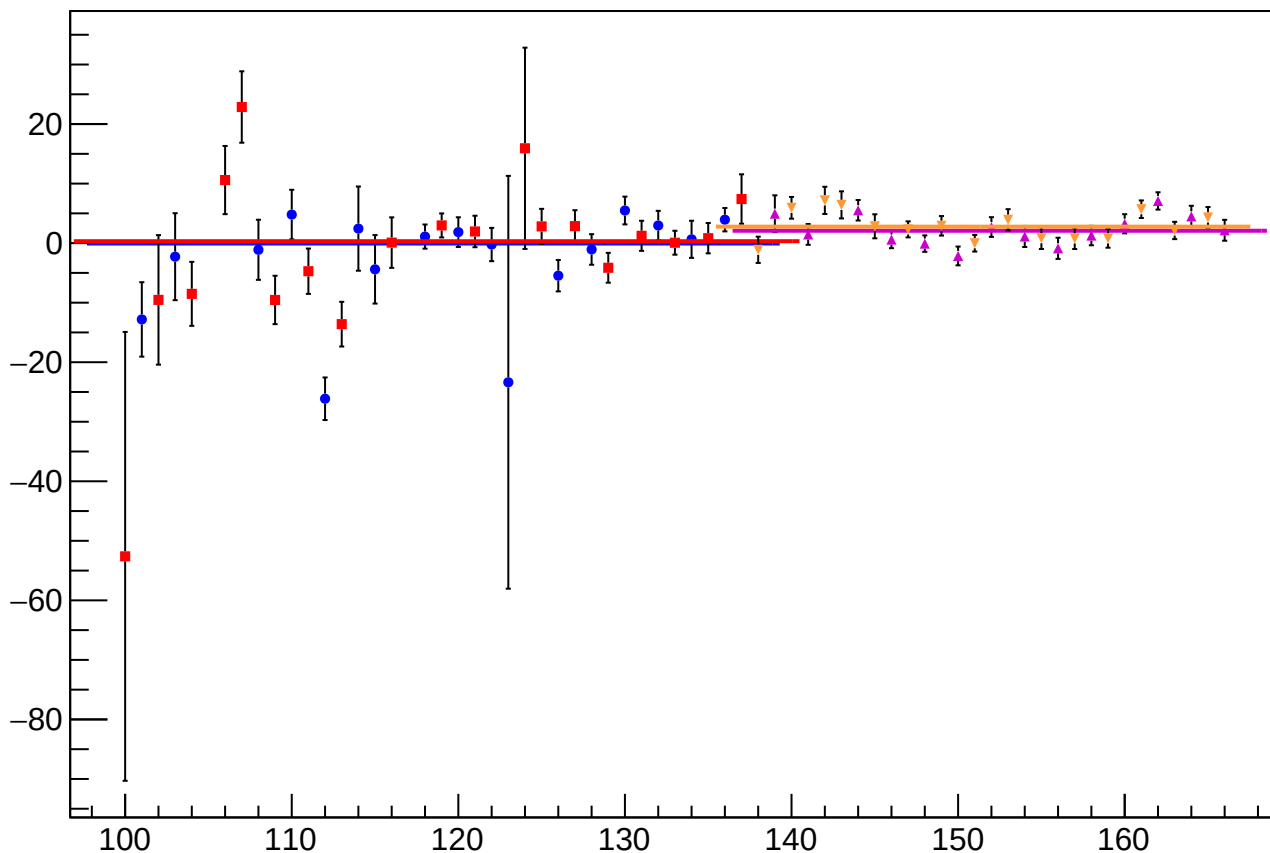
Left In: 35.414+/-0.520 χ^2 /NDF:118.3/13

+ sign 29.434+/-0.485 χ^2 /NDF: 2256.9/31

All: 31.726+/-0.341 χ^2 /NDF: 3850.6/64

- sign 33.969+/-0.479 χ^2 /NDF: 1549.4/32

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.770 ± 0.440 χ^2/NDF : 25.7/14

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

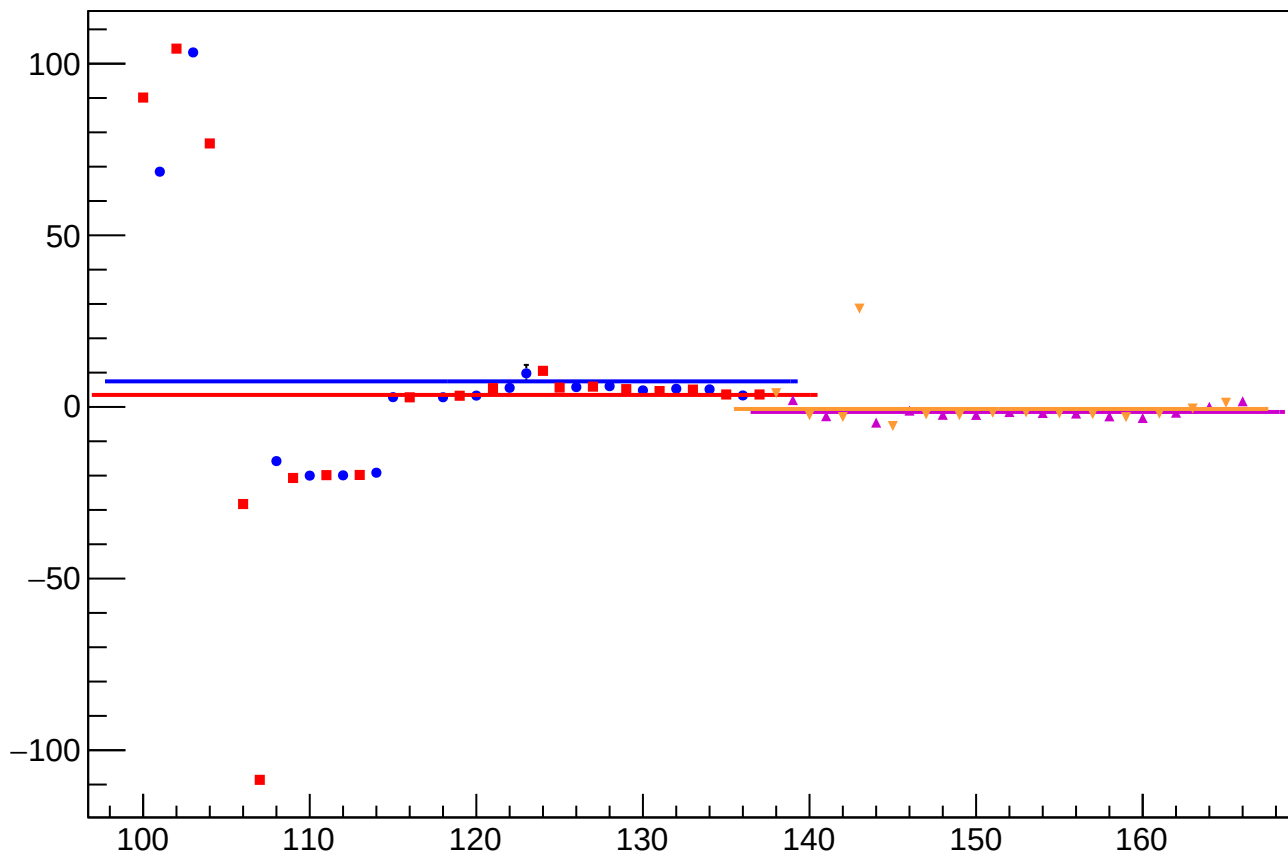
Left In: 2.081 ± 0.445 χ^2/NDF : 33.3/13

+ sign 2.036 ± 0.379 χ^2/NDF : 113.0/31

All: 1.832 ± 0.269 χ^2/NDF : 206.0/64

- sign 1.624 ± 0.383 χ^2/NDF : 92.5/32

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 χ^2/NDF : 356053.3/16

Left Out: -0.588 ± 0.021 χ^2/NDF : 74009.2/14

Right Out: 3.502 ± 0.046 χ^2/NDF : 510579.7/18

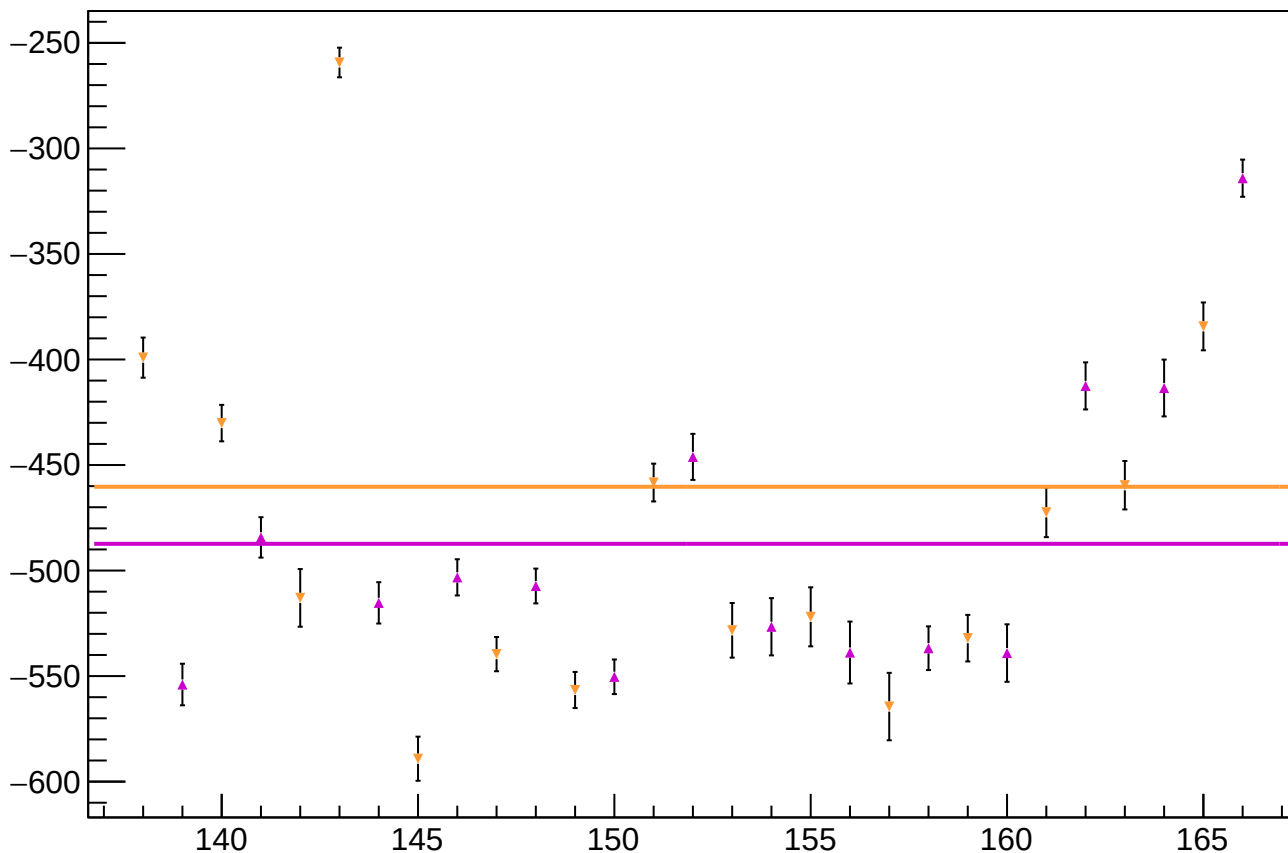
Left In: -1.456 ± 0.020 χ^2/NDF : 6857.1/13

+ sign 0.838 ± 0.019 χ^2/NDF : 457027.1/31

All: 0.106 ± 0.013 χ^2/NDF : 987378.1/64

- sign -0.623 ± 0.019 χ^2/NDF : 527296.4/32

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -460.297+/-2.614 χ^2/NDF : 1440.3/14

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

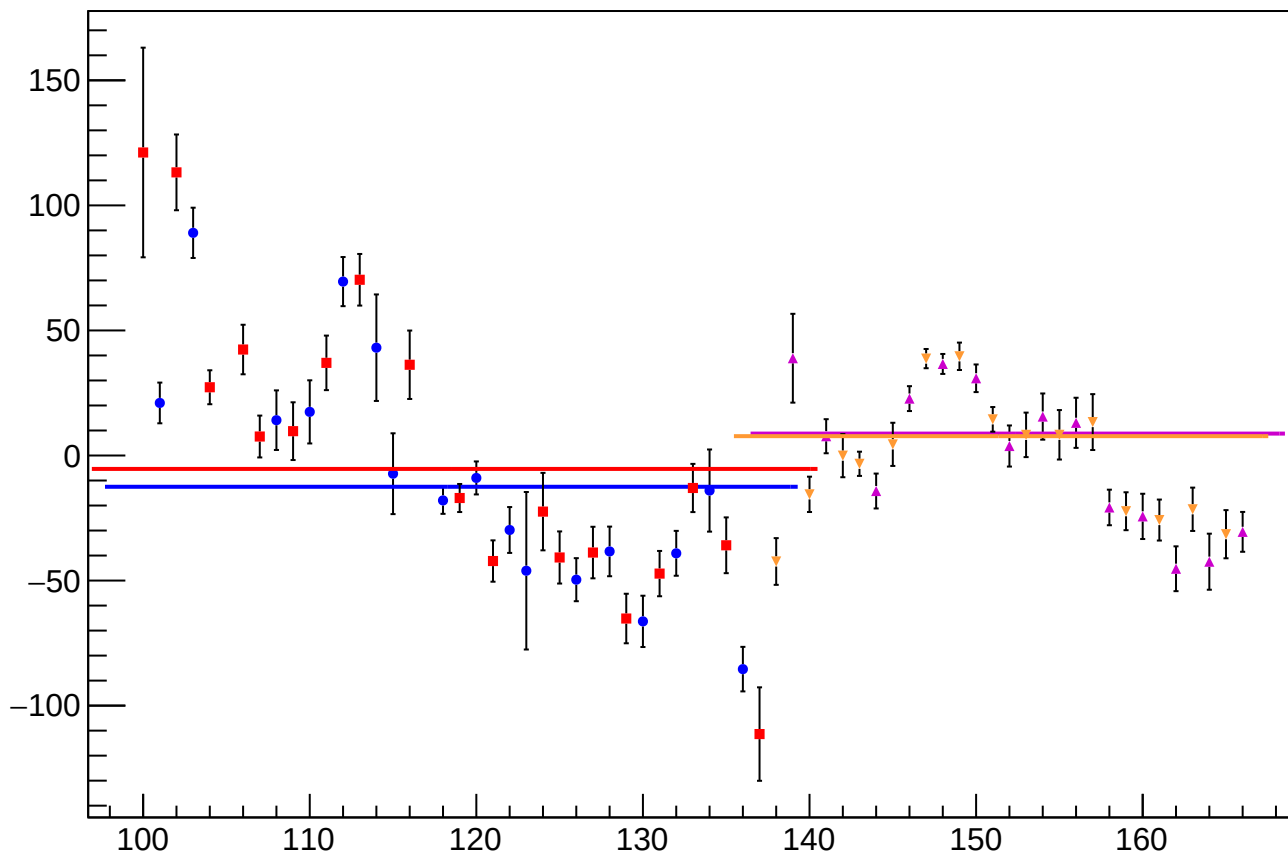
Left In: -487.330+/-2.726 χ^2/NDF : 656.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.248+/-1.887 χ^2/NDF : 2148.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: 7.735 ± 1.740 χ^2/NDF : 207.3/14

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

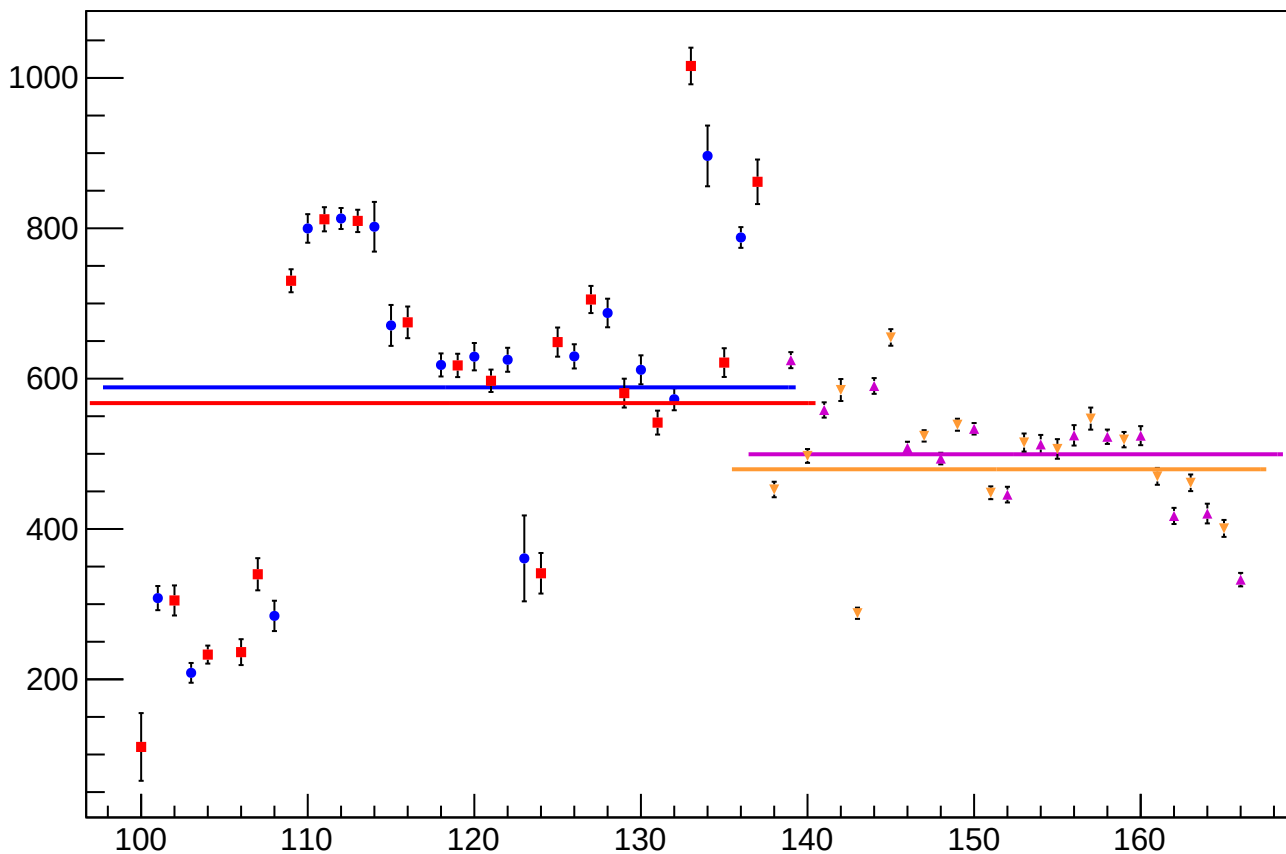
Left In: 8.762 ± 1.870 χ^2/NDF : 199.7/13

+ sign 0.416 ± 1.390 χ^2/NDF : 597.3/31

All: 1.677 ± 1.001 χ^2/NDF : 1166.4/64

- sign 3.034 ± 1.442 χ^2/NDF : 567.4/32

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 ± 4.320 $\chi^2/\text{NDF}: 2130.2/16$

Left Out: 479.433 ± 2.585 $\chi^2/\text{NDF}: 1173.2/14$

Right Out: 567.451 ± 4.137 $\chi^2/\text{NDF}: 2784.8/18$

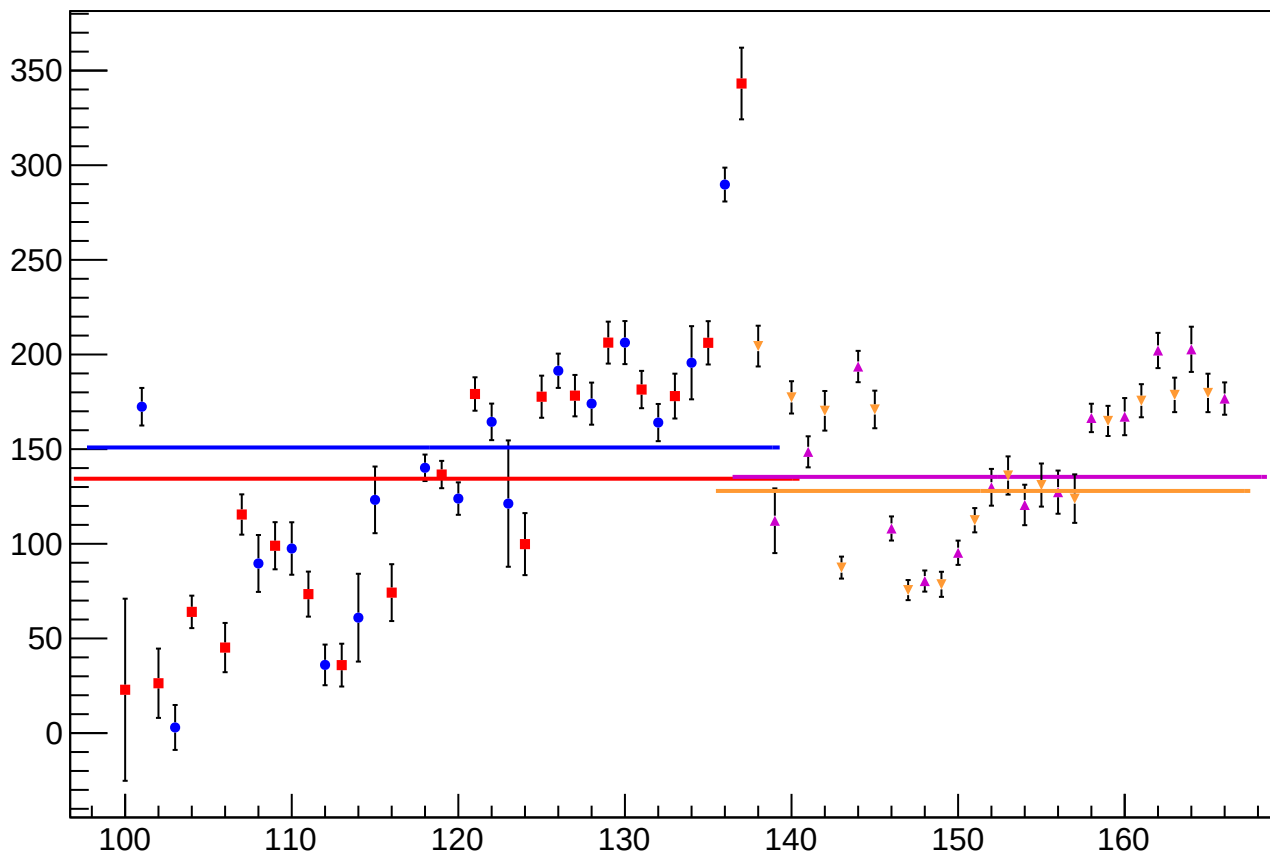
Left In: 499.392 ± 2.661 $\chi^2/\text{NDF}: 748.8/13$

+ sign 508.162 ± 2.218 $\chi^2/\text{NDF}: 3772.0/31$

All: 513.686 ± 1.575 $\chi^2/\text{NDF}: 7509.6/64$

- sign 519.309 ± 2.238 $\chi^2/\text{NDF}: 3725.1/32$

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 $\chi^2/\text{NDF}: 634.8/16$

Left Out: 127.922 ± 2.094 $\chi^2/\text{NDF}: 435.7/14$

Right Out: 134.381 ± 2.620 $\chi^2/\text{NDF}: 584.9/18$

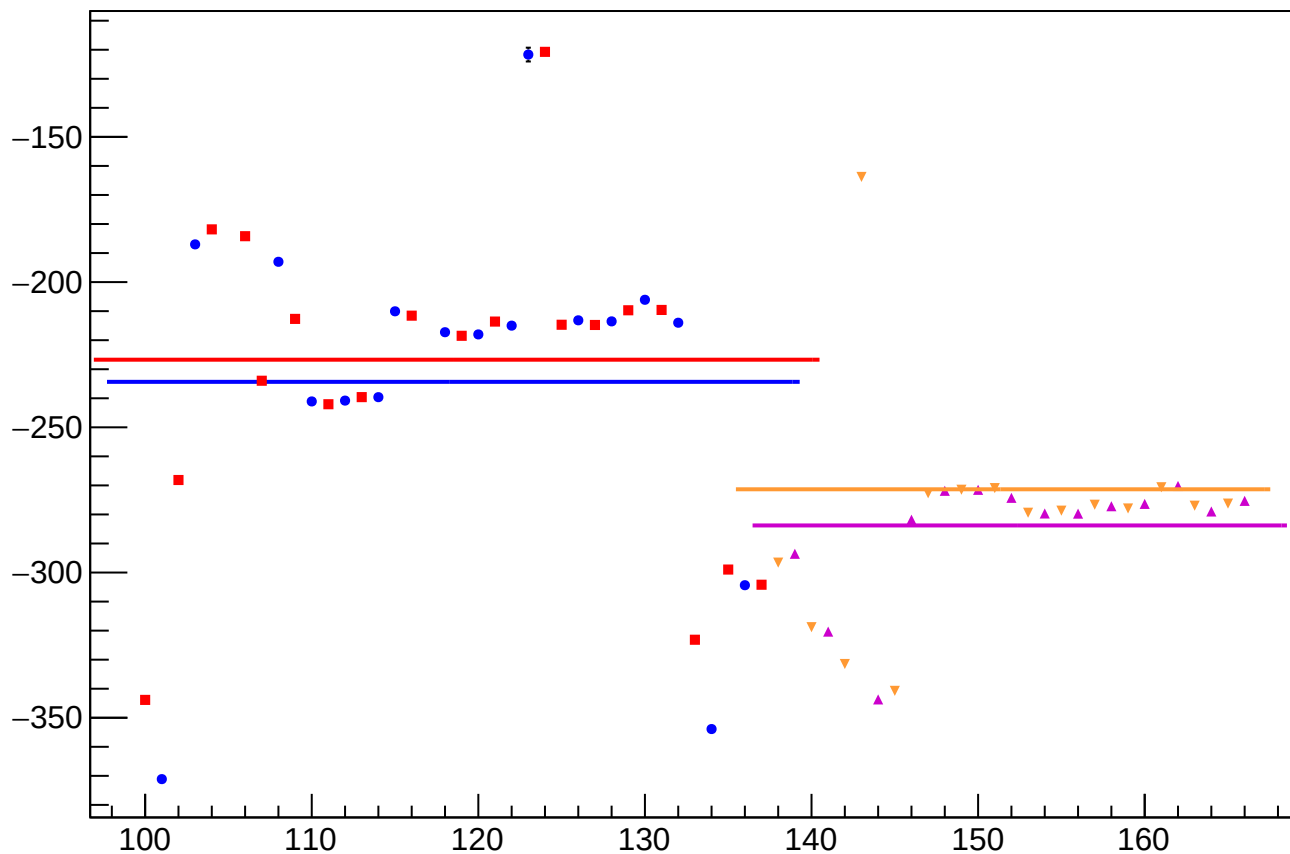
Left In: 135.358 ± 2.228 $\chi^2/\text{NDF}: 345.9/13$

+ sign 136.652 ± 1.648 $\chi^2/\text{NDF}: 1116.3/31$

All: 135.825 ± 1.183 $\chi^2/\text{NDF}: 2047.7/64$

- sign 134.948 ± 1.697 $\chi^2/\text{NDF}: 930.9/32$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -271.337+/-0.104 χ^2/NDF : 182982.9/14

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

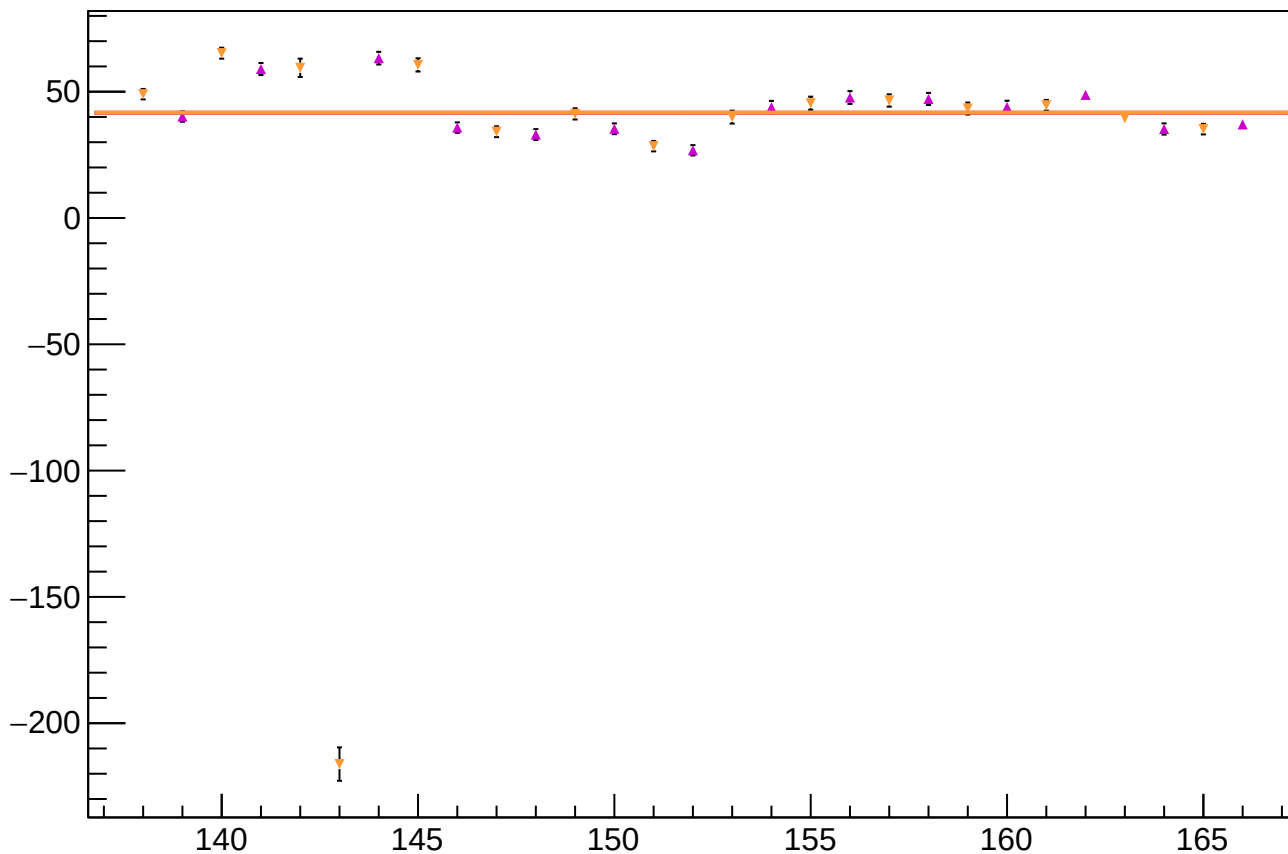
Left In: -283.784+/-0.107 χ^2/NDF : 31250.7/13

+ sign -259.114+/-0.085 χ^2/NDF : 369816.6/31

All: -261.042+/-0.060 χ^2/NDF : 605133.8/64

- sign -262.975+/-0.085 χ^2/NDF : 234292.5/32

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 41.731+/-0.610 χ^2/NDF :1800.6/14

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

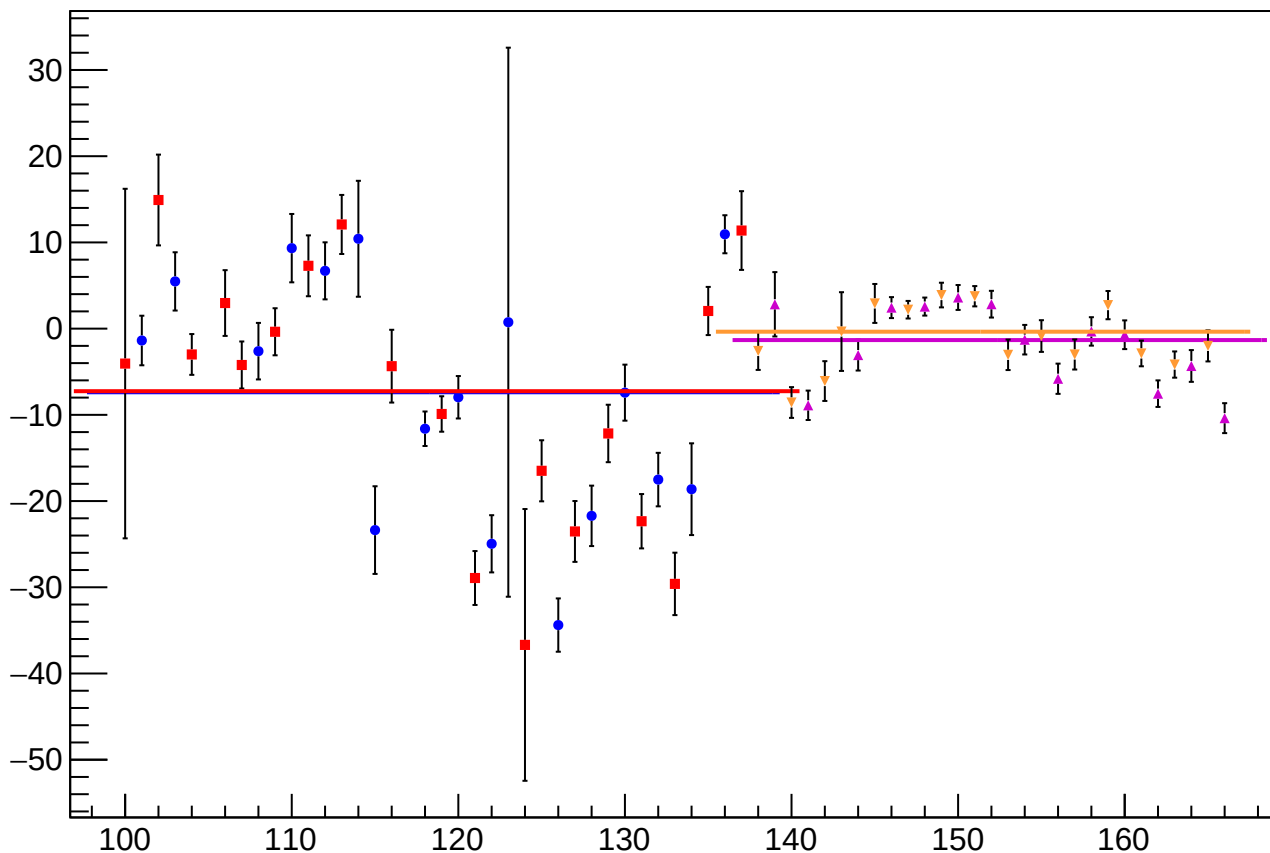
Left In: 41.643+/-0.590 χ^2/NDF :253.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.686+/-0.424 χ^2/NDF : 2053.9/28

- 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: -0.355 ± 0.421 χ^2/NDF : 76.0/14

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

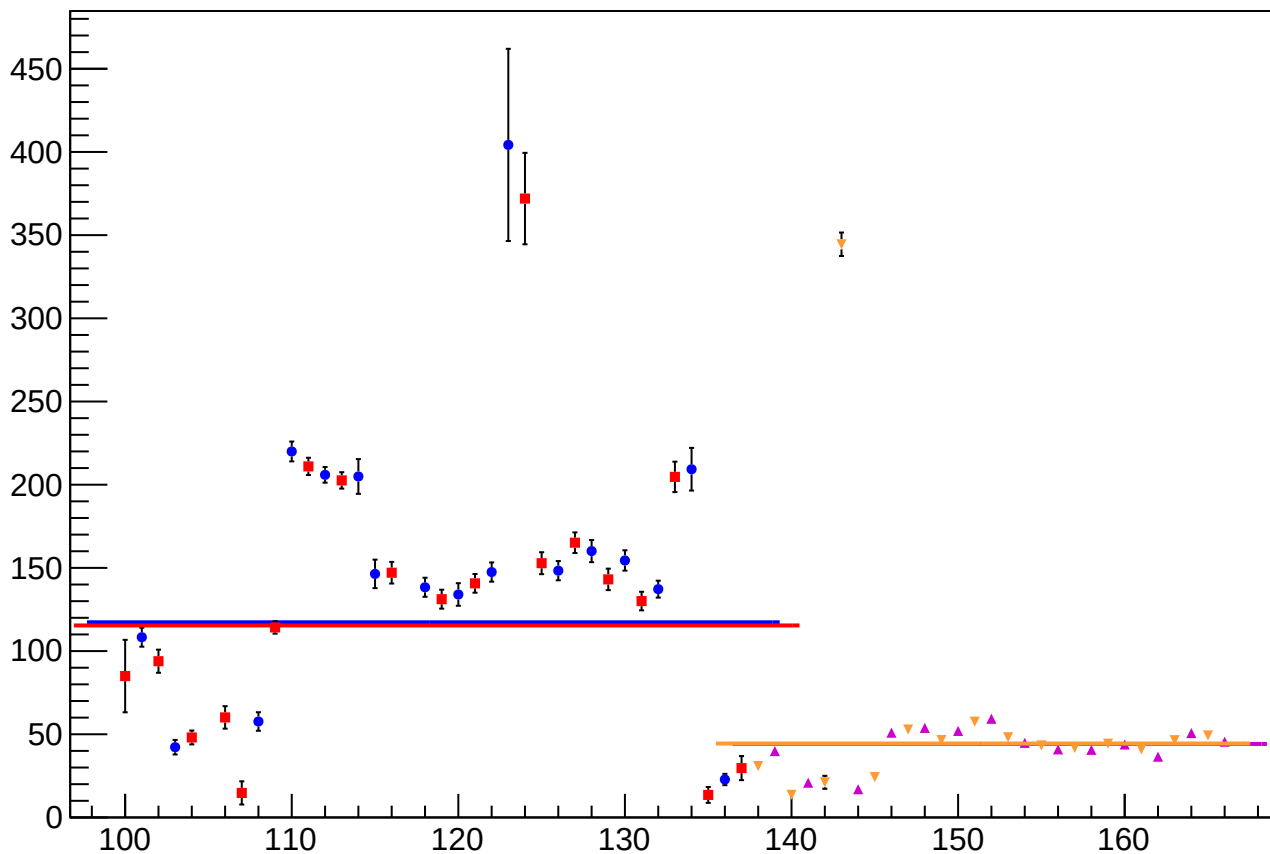
Left In: -1.327 ± 0.421 χ^2/NDF : 117.4/13

+ sign -1.946 ± 0.371 χ^2/NDF : 422.6/31

All: -2.331 ± 0.261 χ^2/NDF : 845.8/64

- sign -2.711 ± 0.368 χ^2/NDF : 421.1/32

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 44.426 $\pm$ 0.594 χ^2 /NDF:2189.7/14

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

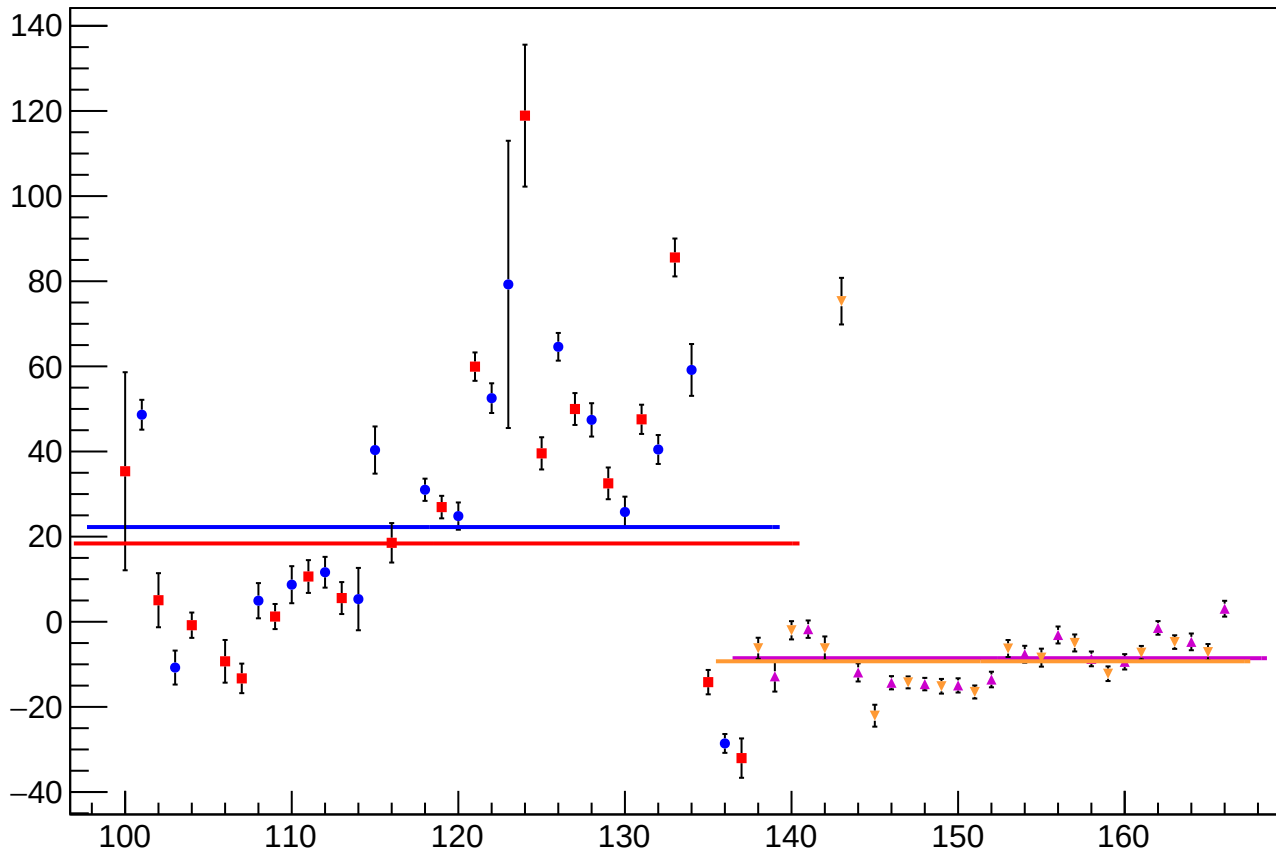
Left In: 44.175 $\pm$ 0.575 χ^2 /NDF:331.7/13

+ sign 55.418 $\pm$ 0.547 χ^2 /NDF: 6624.0/31

All: 55.181 $\pm$ 0.380 χ^2 /NDF: 11432.4/64

- sign 54.958 $\pm$ 0.529 χ^2 /NDF: 4808.0/32

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -9.284 $\pm$ 0.495 χ^2 /NDF: 344.6/14

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

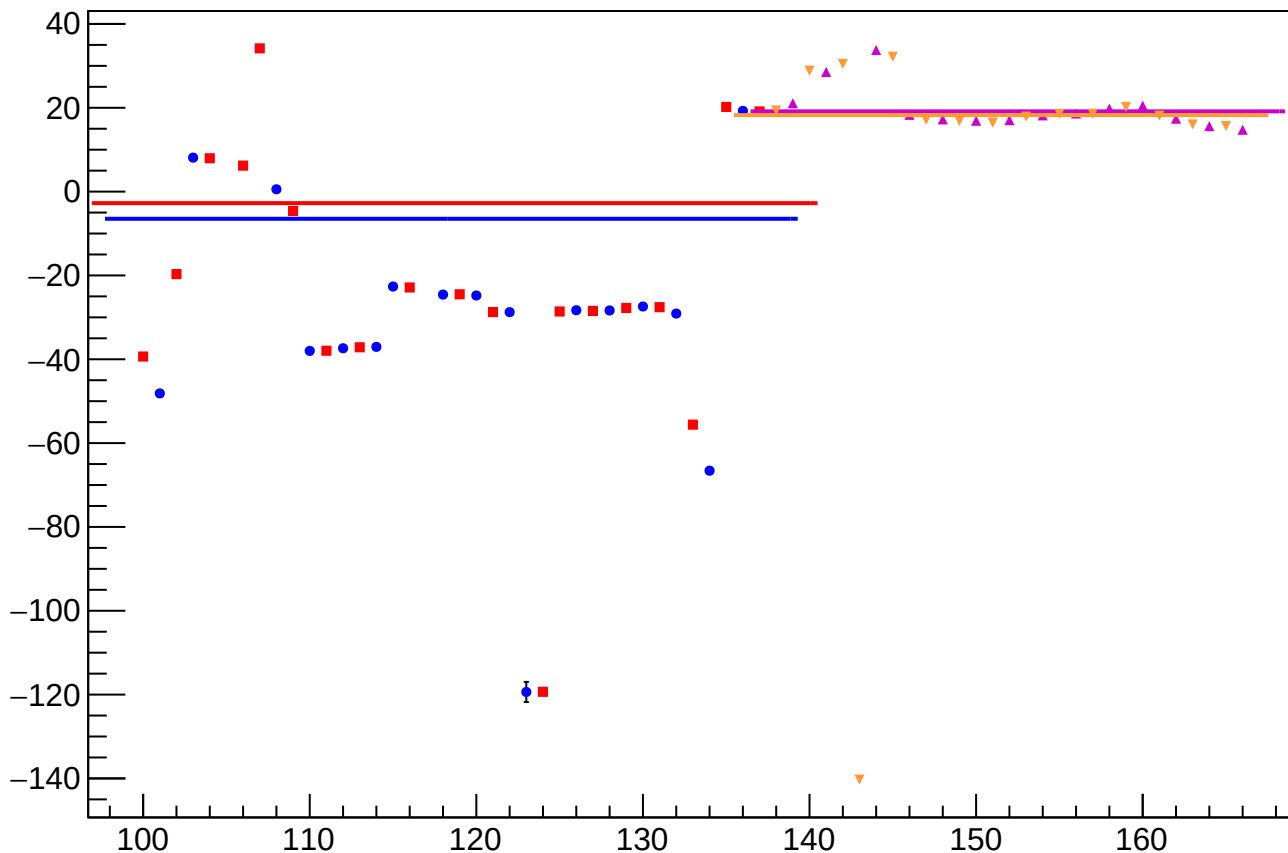
Left In: -8.559 $\pm$ 0.491 χ^2 /NDF: 138.7/13

+ sign -1.832 $\pm$ 0.432 χ^2 /NDF: 2376.6/31

All: -1.956 $\pm$ 0.304 χ^2 /NDF: 4318.6/64

- sign -2.077 $\pm$ 0.428 χ^2 /NDF: 1941.8/32

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 18.250 ± 0.023 χ^2/NDF : 351098.7/14

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

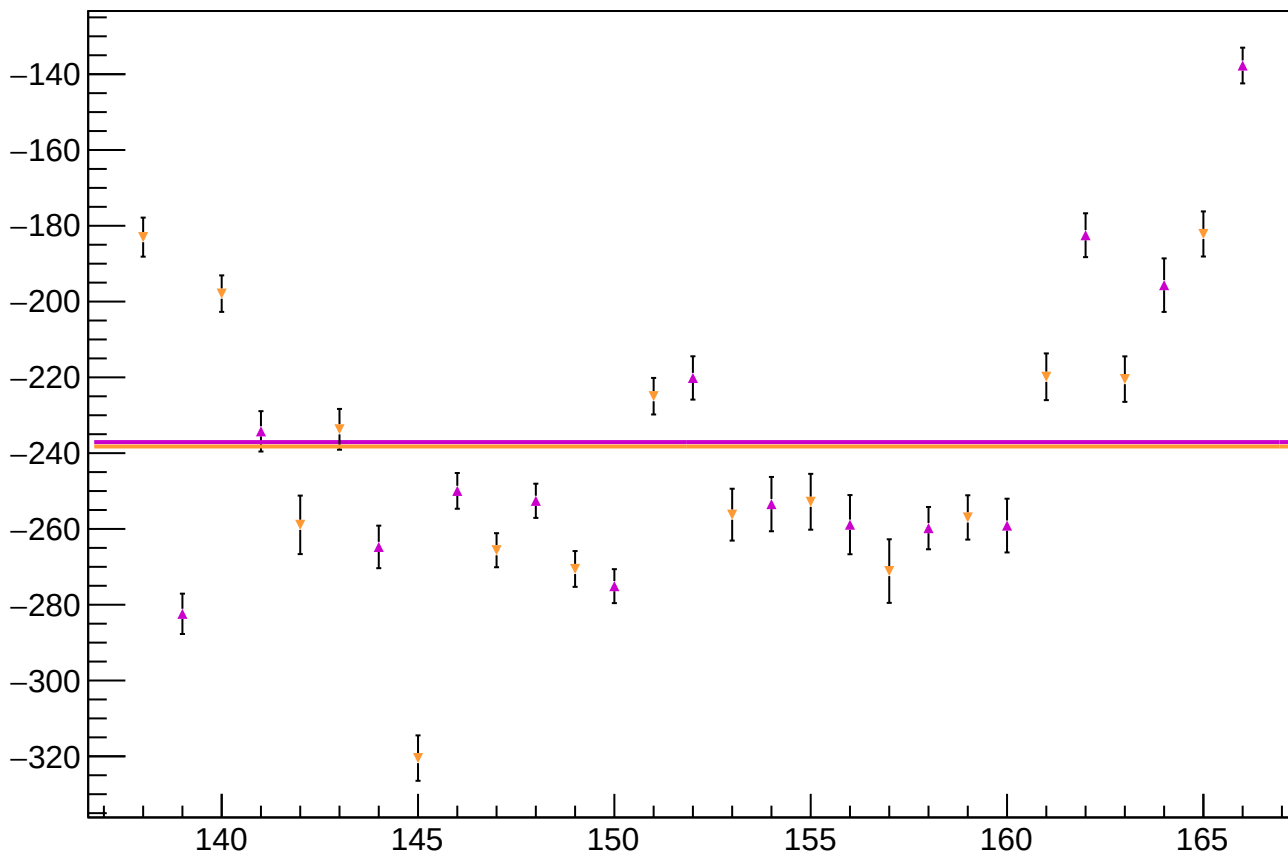
Left In: 19.147 ± 0.023 χ^2/NDF : 31765.6/13

+ sign 13.223 ± 0.021 χ^2/NDF : 845596.2/31

All: 14.033 ± 0.015 χ^2/NDF : 1330883.7/64

- sign 14.807 ± 0.020 χ^2/NDF : 482323.4/32

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -238.242+/-1.470 χ^2/NDF : 615.8/14

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

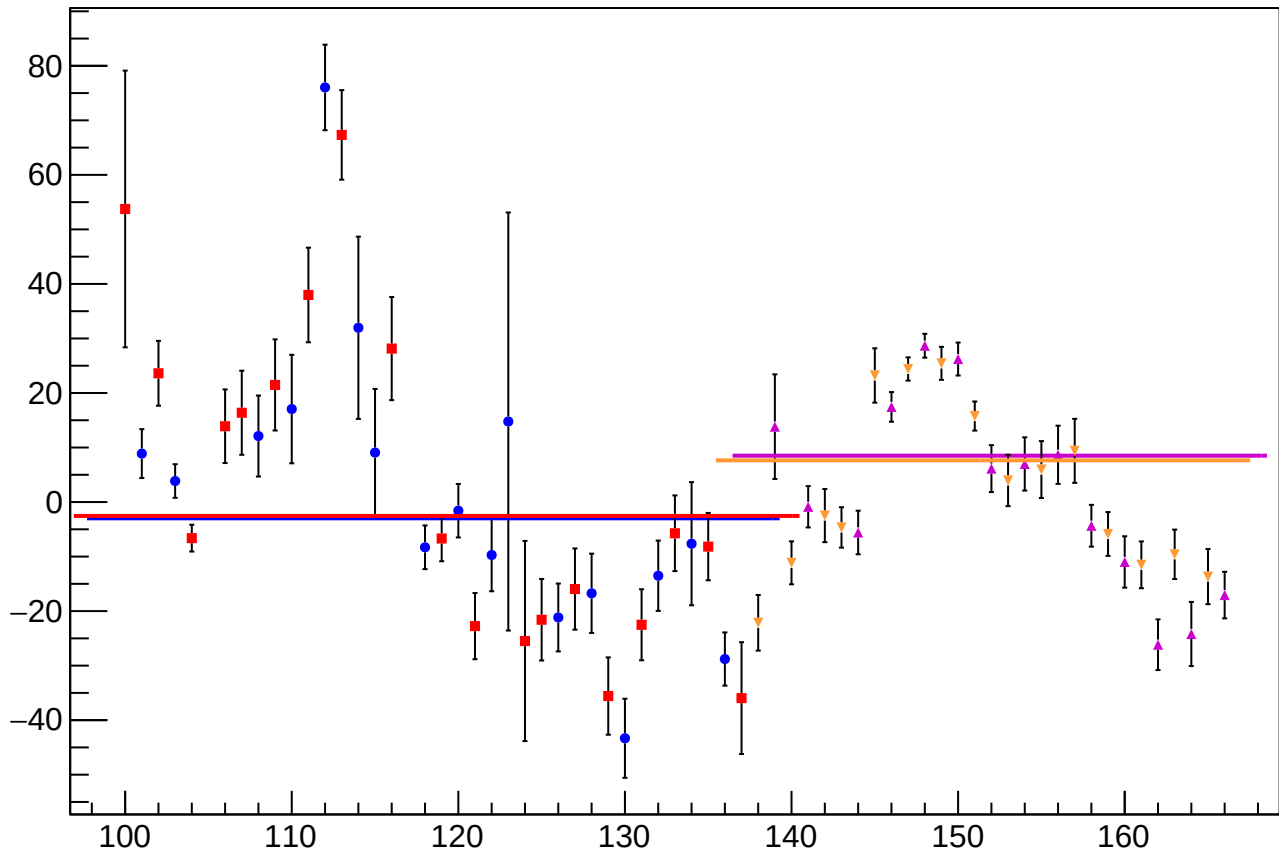
Left In: -237.083+/-1.475 χ^2/NDF : 804.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.665+/-1.041 χ^2/NDF : 1420.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: 7.648 ± 0.979 χ^2/NDF : 251.9/14

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

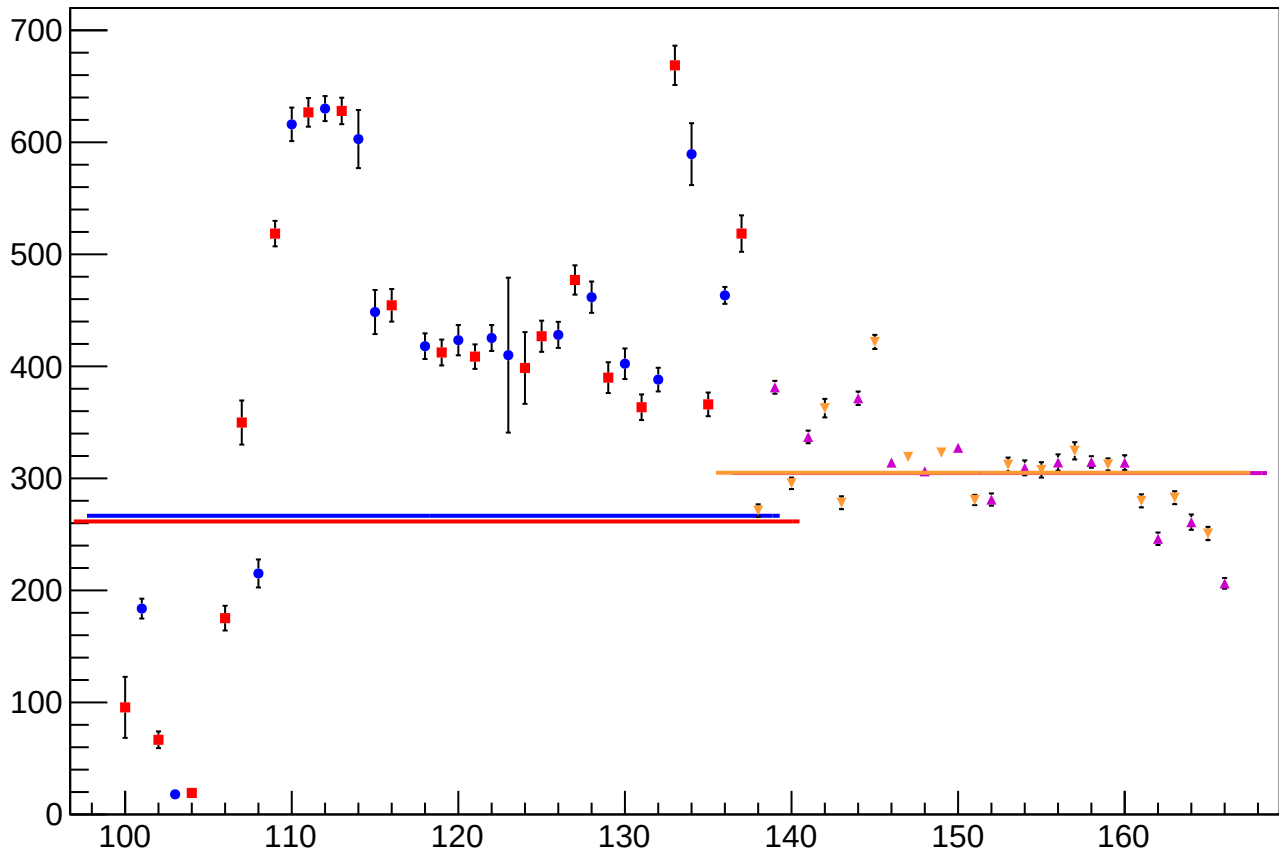
Left In: 8.505 ± 1.015 χ^2/NDF : 300.2/13

+ sign 4.321 ± 0.812 χ^2/NDF : 492.7/31

All: 4.505 ± 0.577 χ^2/NDF : 1052.0/64

- sign 4.693 ± 0.821 χ^2/NDF : 559.2/32

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 ± 2.477 χ^2/NDF : 7662.7/16

Left Out: 305.017 ± 1.444 χ^2/NDF : 637.6/14

Right Out: 261.551 ± 2.458 χ^2/NDF : 8208.2/18

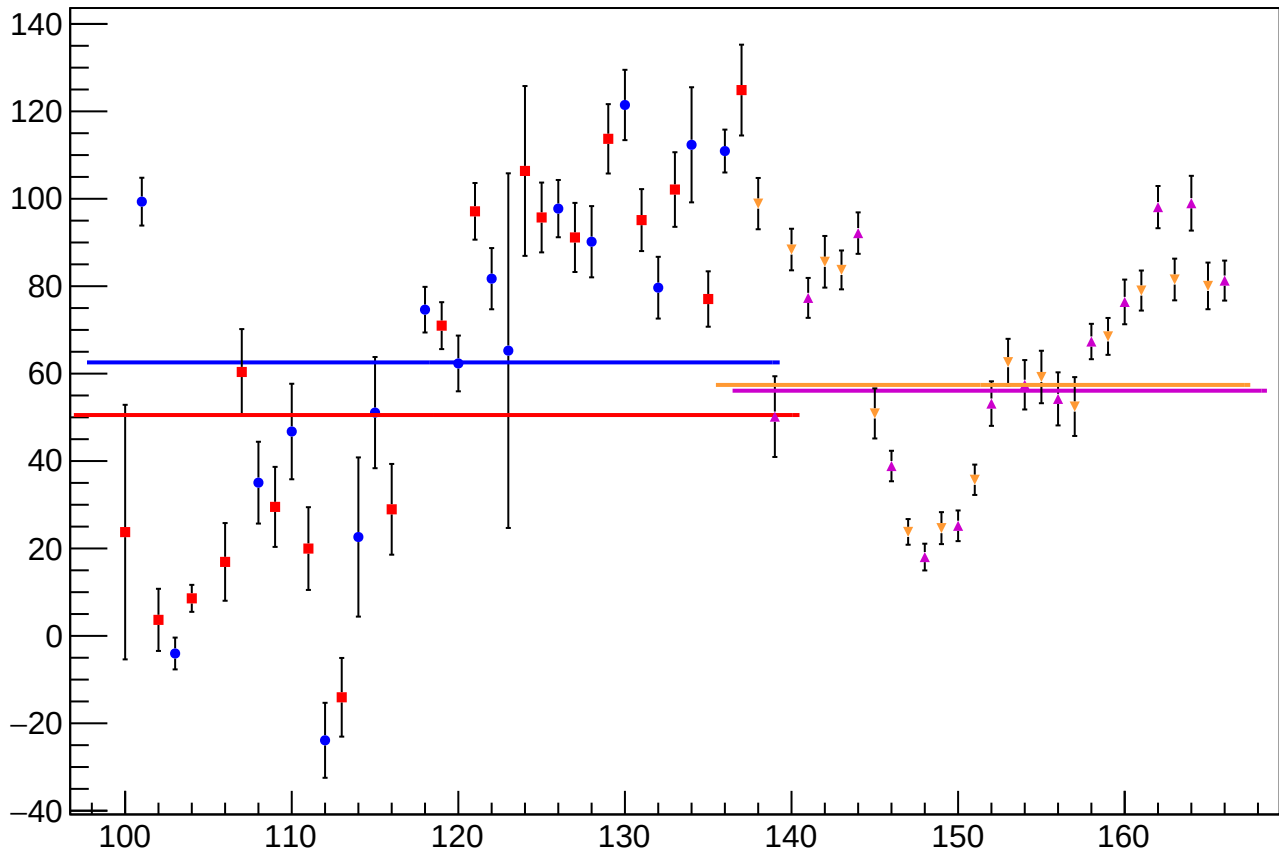
Left In: 304.739 ± 1.438 χ^2/NDF : 965.1/13

+ sign 295.283 ± 1.247 χ^2/NDF : 8479.6/31

All: 294.500 ± 0.880 χ^2/NDF : 17883.7/64

- sign 293.724 ± 1.241 χ^2/NDF : 9403.4/32

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF : 722.4/16

Left Out: 57.415+/-1.175 χ^2/NDF : 476.1/14

Right Out: 50.526+/-1.643 χ^2/NDF : 657.0/18

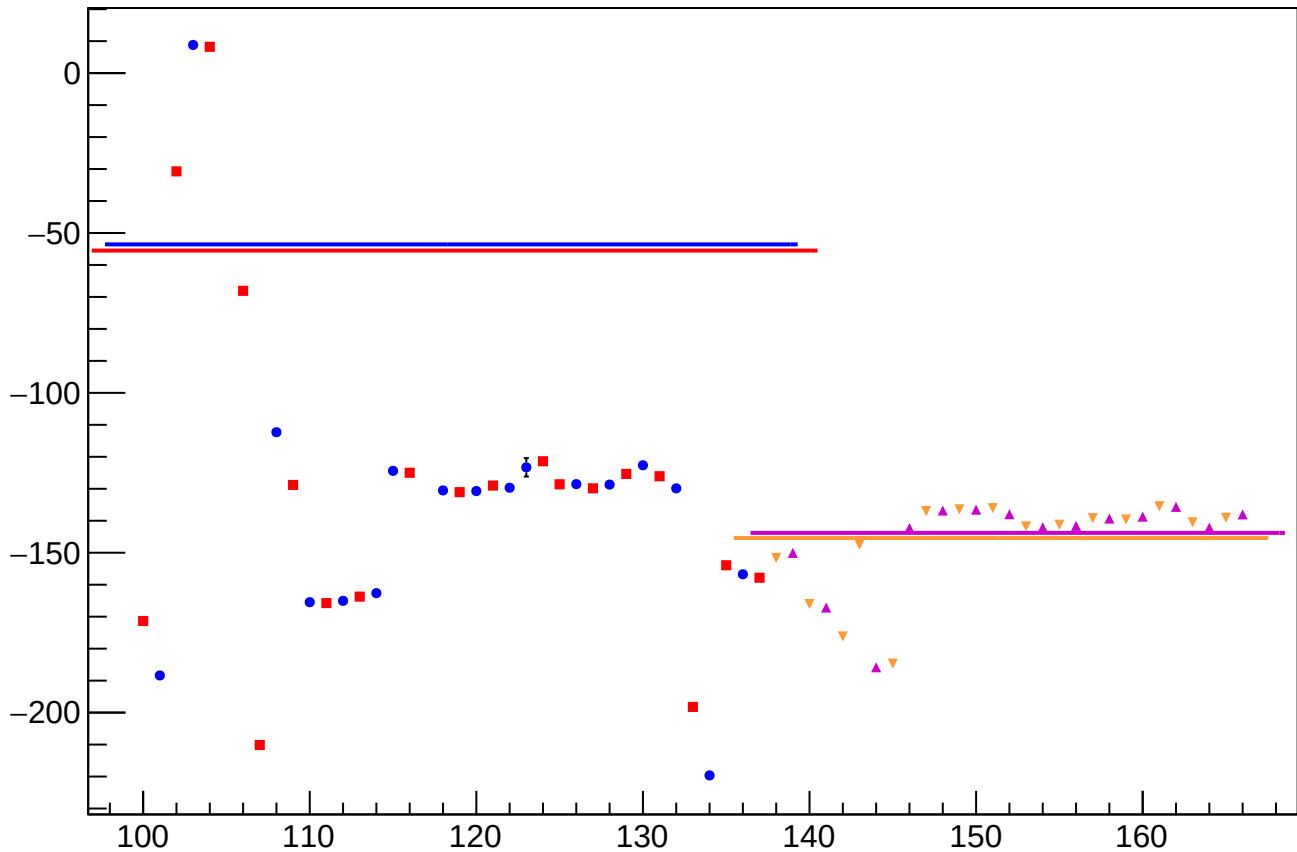
Left In: 56.091+/-1.207 χ^2/NDF : 513.6/13

+ sign 59.109+/-0.963 χ^2/NDF : 1204.8/31

All: 56.651+/-0.684 χ^2/NDF : 2396.0/64

- sign 54.142+/-0.973 χ^2/NDF : 1178.0/32

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -145.406 ± 0.058 χ^2/NDF : 54345.6/14

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

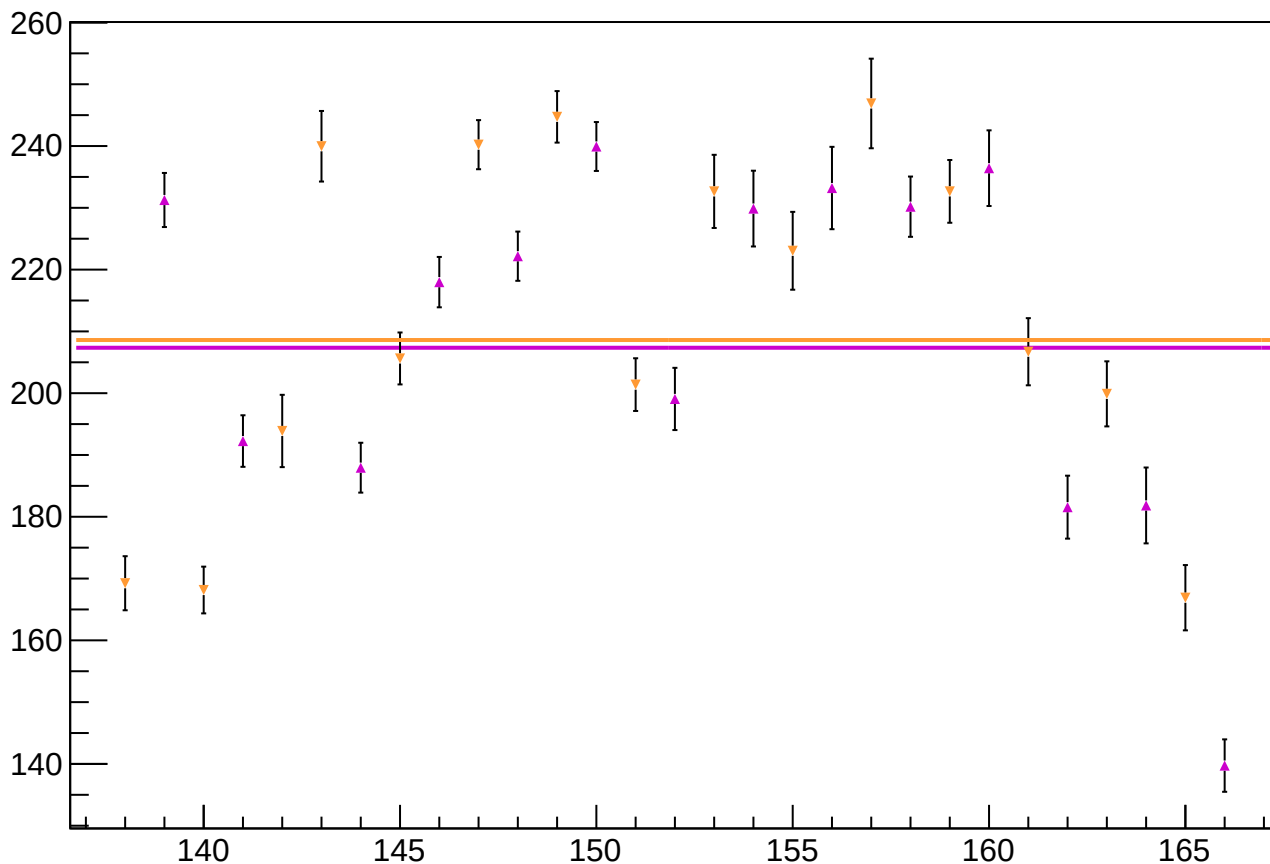
Left In: -143.795 ± 0.058 χ^2/NDF : 44145.2/13

+ sign -108.189 ± 0.045 χ^2/NDF : 2300383.9/31

All: -108.688 ± 0.032 χ^2/NDF : 4231222.8/64

- sign -109.192 ± 0.045 χ^2/NDF : 1930589.3/32

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 208.604 ± 1.258 χ^2/NDF : 510.7/14

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

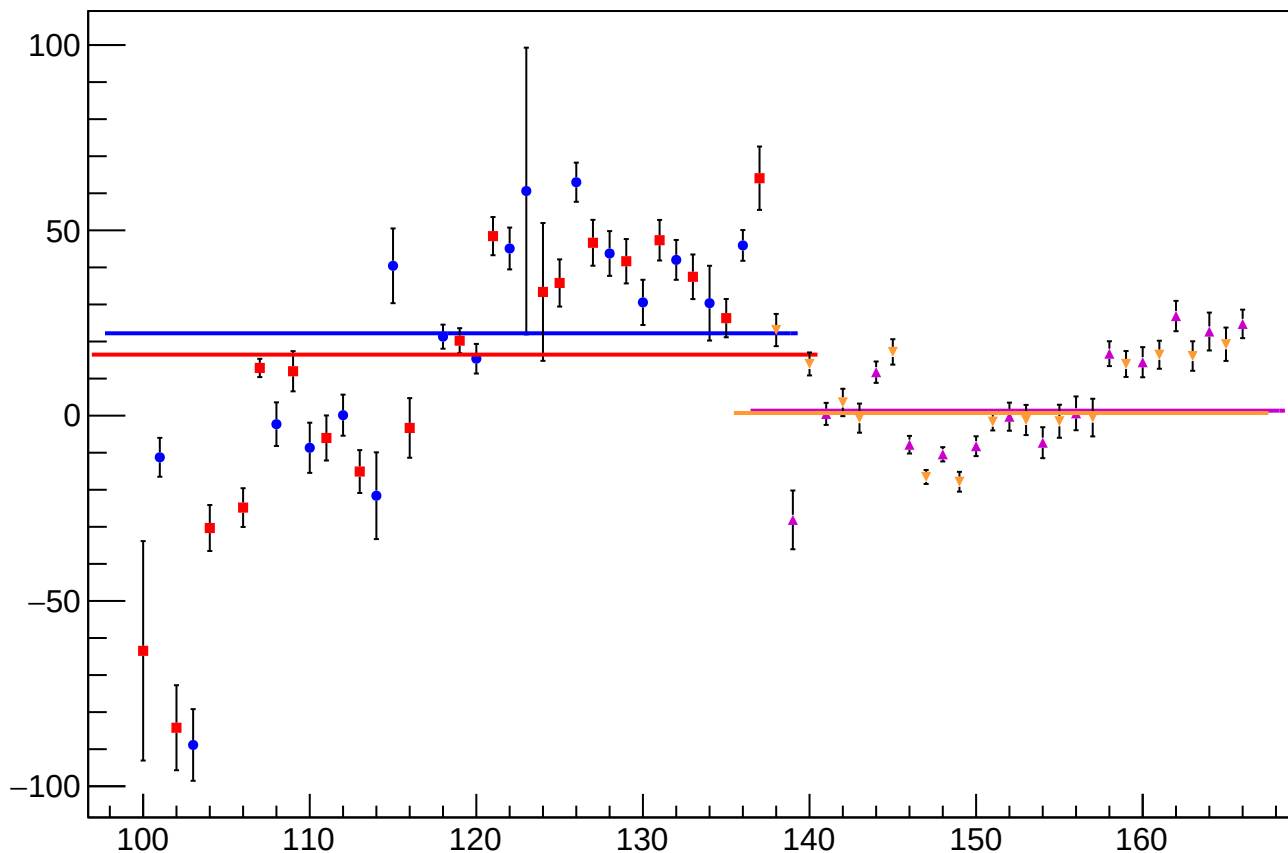
Left In: 207.355 ± 1.254 χ^2/NDF : 527.1/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 207.978 ± 0.888 χ^2/NDF : 1038.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 ± 1.374 $\chi^2/\text{NDF}: 385.6/16$

Left Out: 0.708 ± 0.846 $\chi^2/\text{NDF}: 265.8/14$

Right Out: 16.466 ± 1.230 $\chi^2/\text{NDF}: 425.9/18$

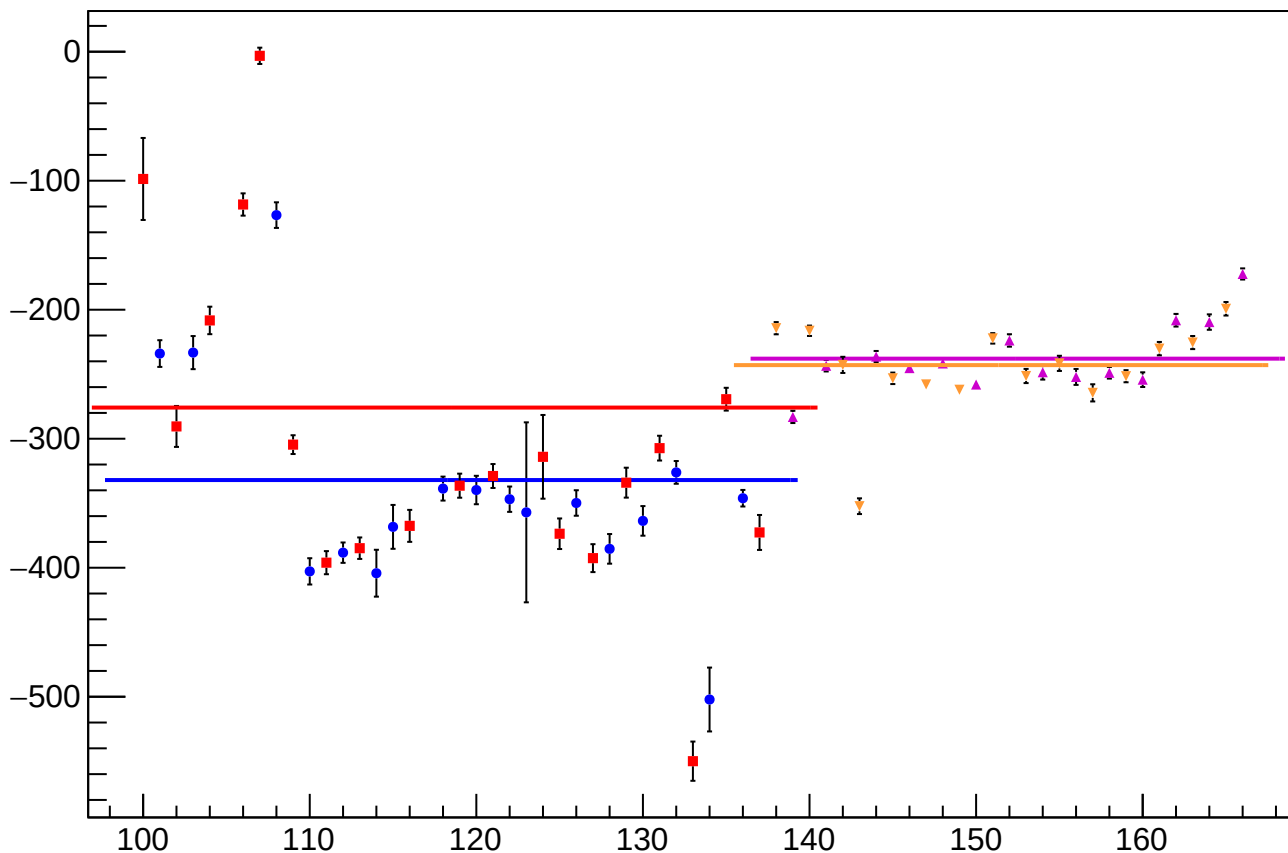
Left In: 1.342 ± 0.869 $\chi^2/\text{NDF}: 221.2/13$

+ sign 6.628 ± 0.721 $\chi^2/\text{NDF}: 829.1/31$

All: 6.502 ± 0.506 $\chi^2/\text{NDF}: 1577.2/64$

- sign 6.380 ± 0.710 $\chi^2/\text{NDF}: 748.0/32$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -242.946 ± 1.241 χ^2/NDF : 576.8/14

Right Out: -275.853 ± 2.324 χ^2/NDF : 3362.8/18

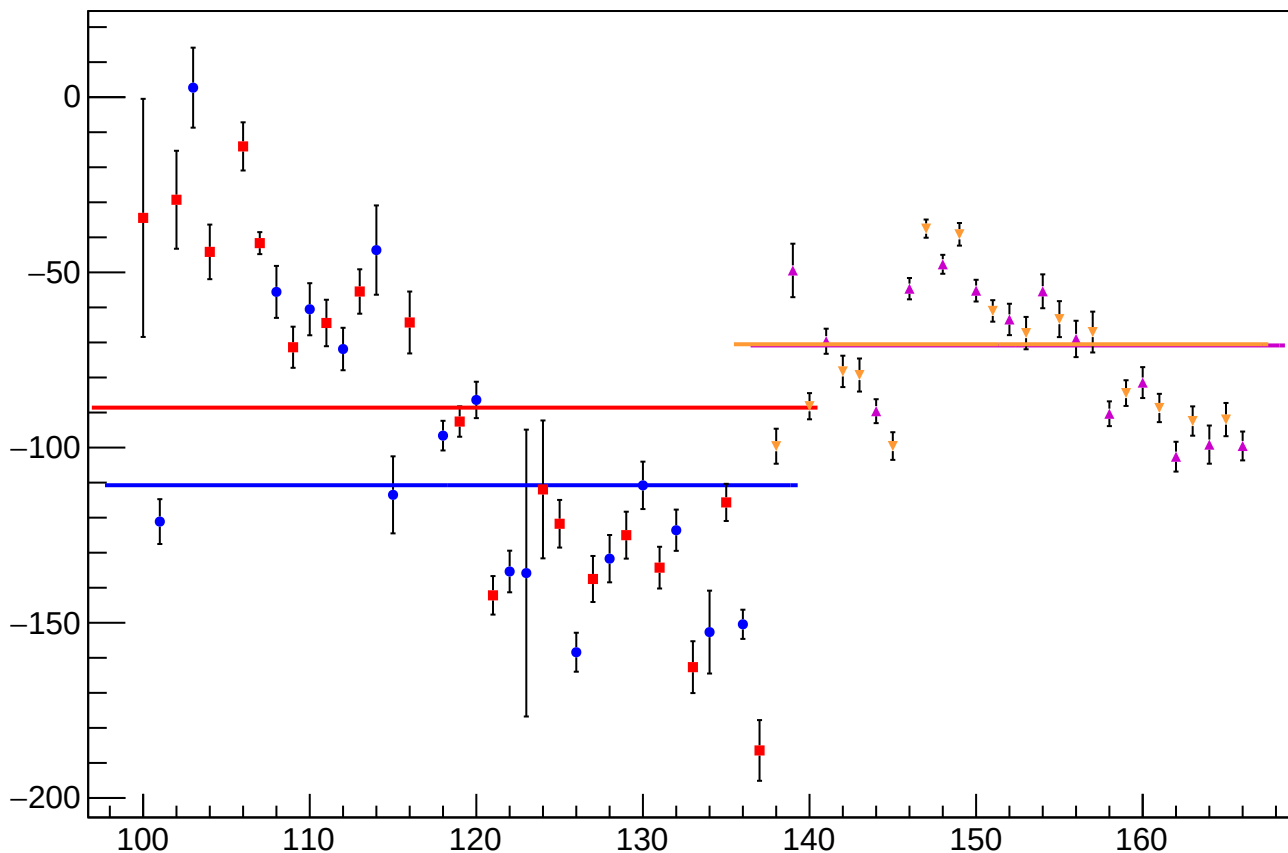
Left In: -237.936 ± 1.228 χ^2/NDF : 448.1/13

+ sign -259.867 ± 1.117 χ^2/NDF : 2341.3/31

All: -252.851 ± 0.778 χ^2/NDF : 6437.1/64

- sign -246.213 ± 1.086 χ^2/NDF : 4018.9/32

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -70.513 ± 1.014 χ^2/NDF : 467.9/14

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

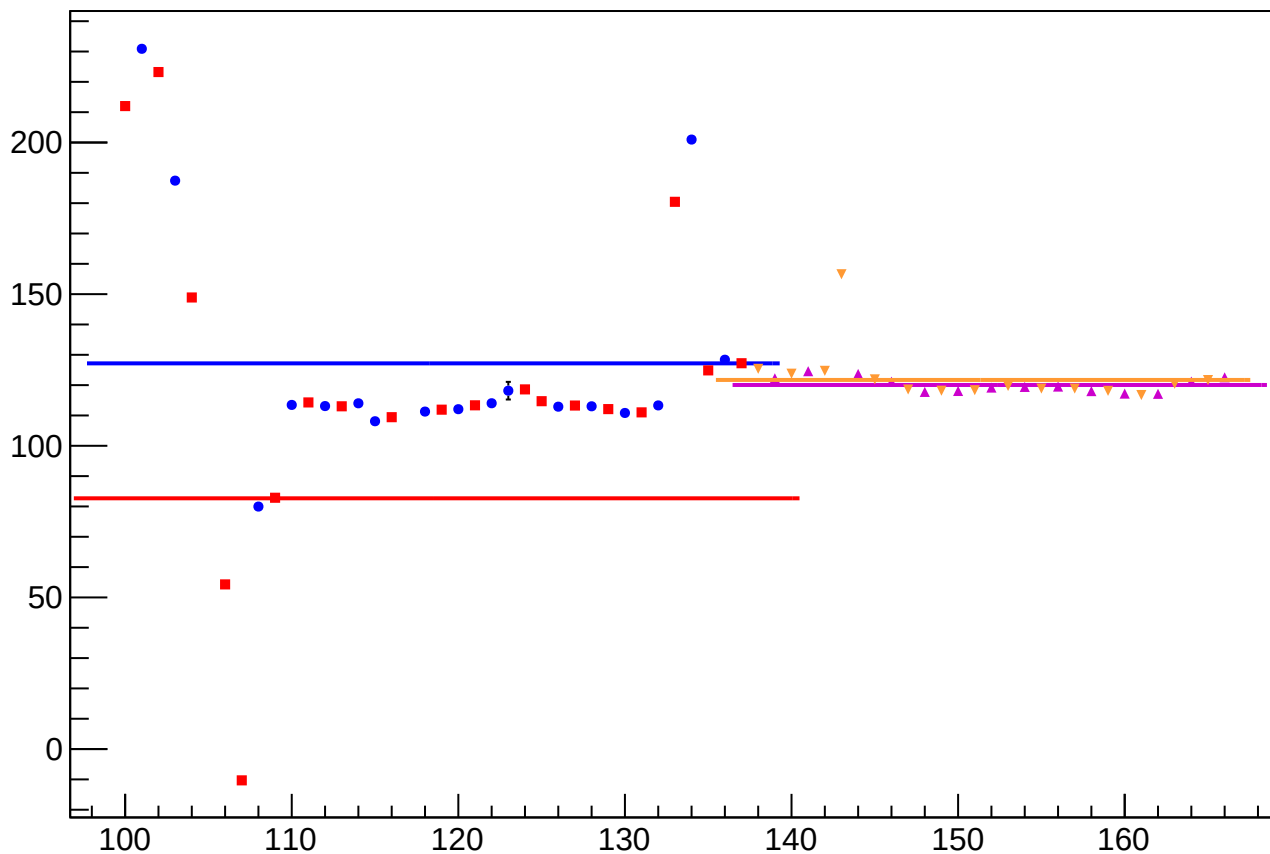
Left In: -70.854 ± 1.032 χ^2/NDF : 346.0/13

+ sign -82.274 ± 0.853 χ^2/NDF : 1441.6/31

All: -79.541 ± 0.598 χ^2/NDF : 2878.3/64

- sign -76.904 ± 0.838 χ^2/NDF : 1416.6/32

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 121.713 $\pm$ 0.050 χ^2 /NDF: 23673.1/14

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

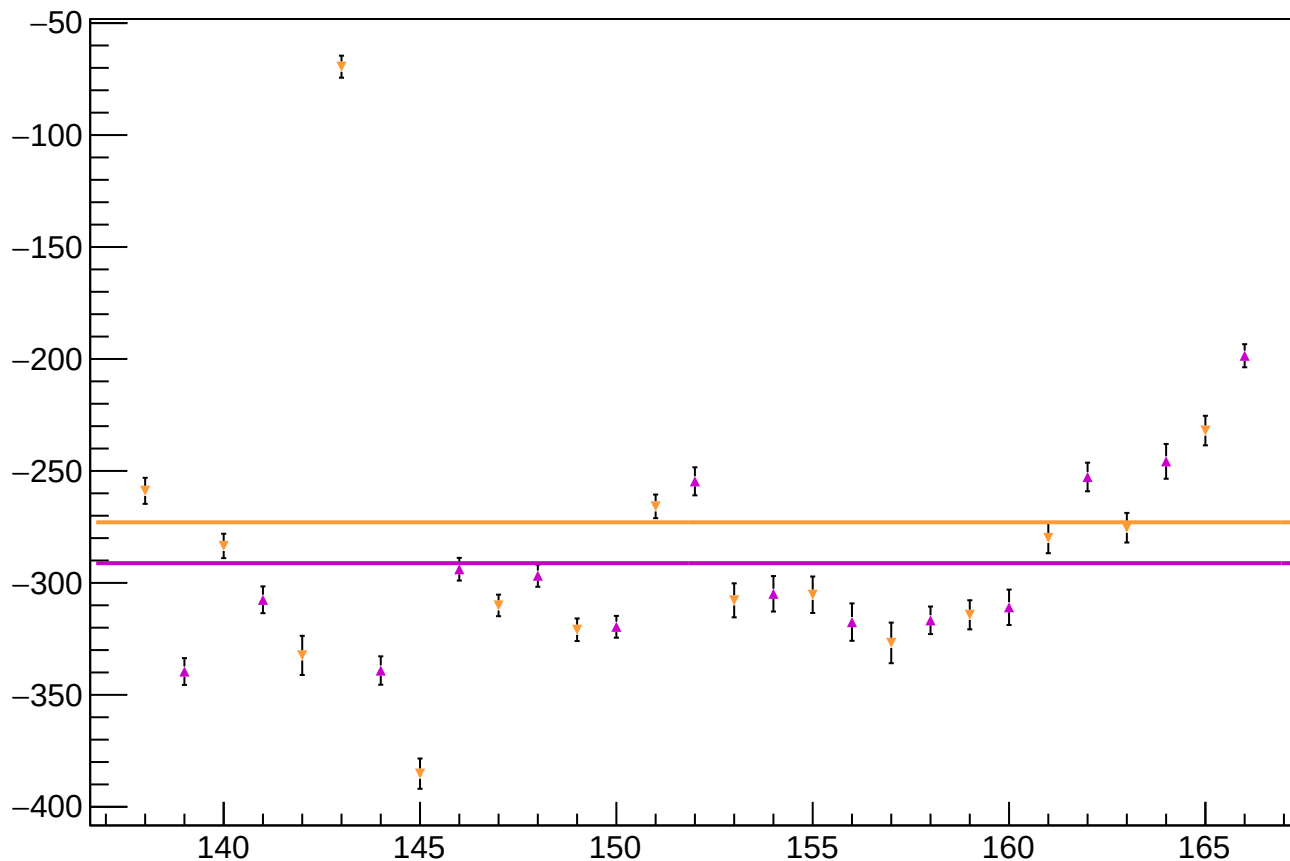
Left In: 120.053 $\pm$ 0.049 χ^2 /NDF: 2382.9/13

+ sign 123.016 $\pm$ 0.043 χ^2 /NDF: 214595.4/31

All: 115.559 $\pm$ 0.030 χ^2 /NDF: 1211056.1/64

- sign 108.844 $\pm$ 0.041 χ^2 /NDF: 940504.3/32

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -272.933+/-1.594 χ^2/NDF : 2342.5/14

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

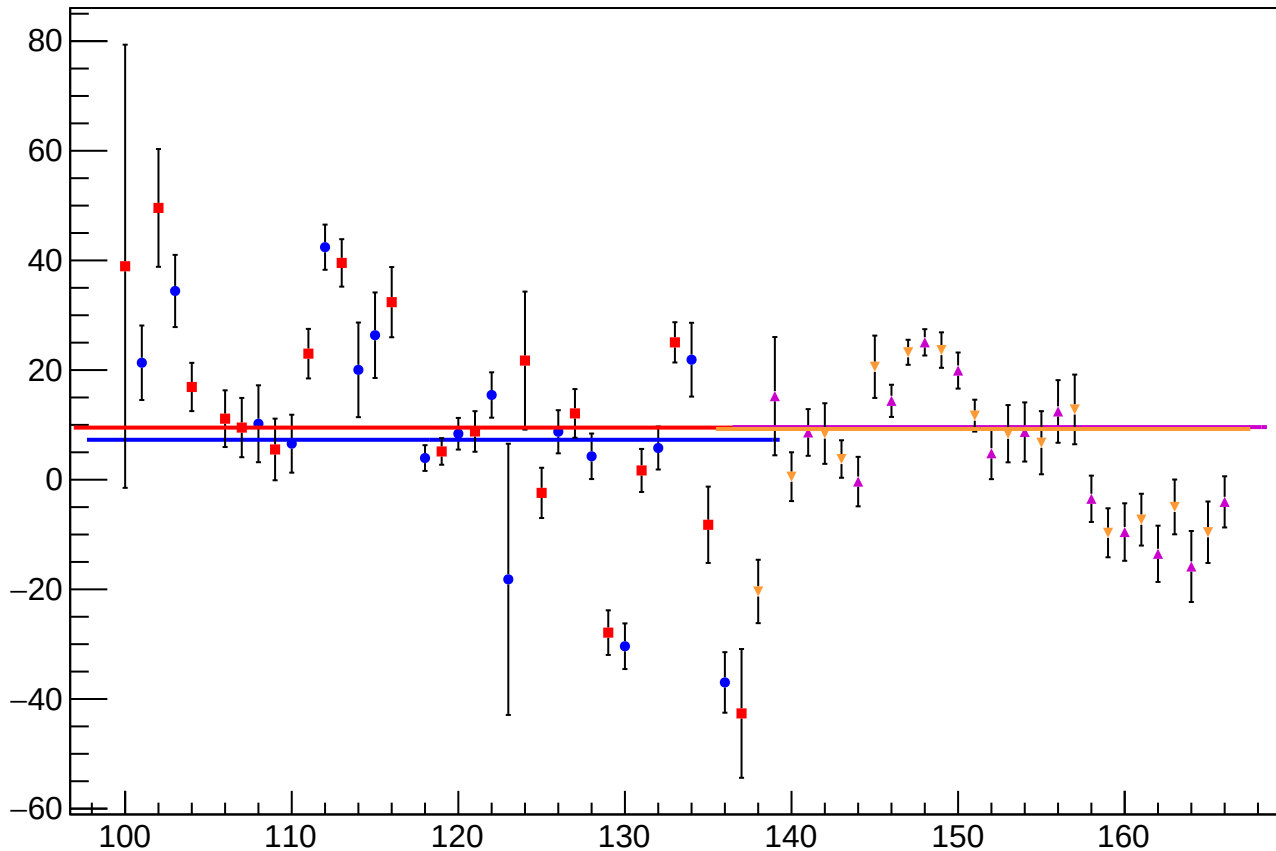
Left In: -291.180+/-1.623 χ^2/NDF : 629.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -281.891+/-1.137 χ^2/NDF : 3036.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284 ± 1.084 χ^2/NDF : 261.0/16

Left Out: 9.252 ± 1.058 χ^2/NDF : 144.8/14

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

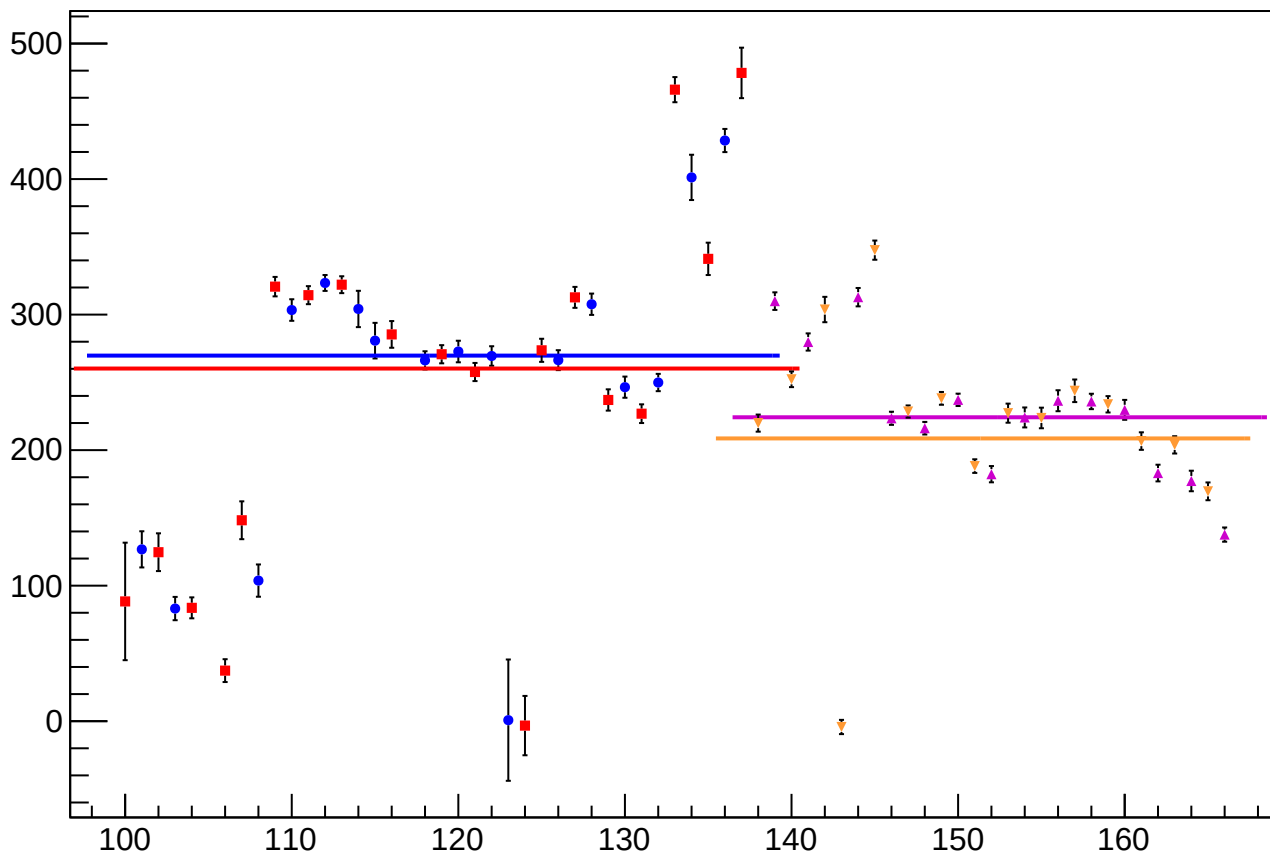
Left In: 9.599 ± 1.115 χ^2/NDF : 127.6/13

+ sign 8.292 ± 0.757 χ^2/NDF : 407.5/31

All: 8.907 ± 0.541 χ^2/NDF : 768.0/64

- sign 9.550 ± 0.774 χ^2/NDF : 359.2/32

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 ± 2.071 $\chi^2/\text{NDF}: 1374.1/16$

Left Out: 208.635 ± 1.567 $\chi^2/\text{NDF}: 2346.5/14$

Right Out: 260.206 ± 1.978 $\chi^2/\text{NDF}: 2541.6/18$

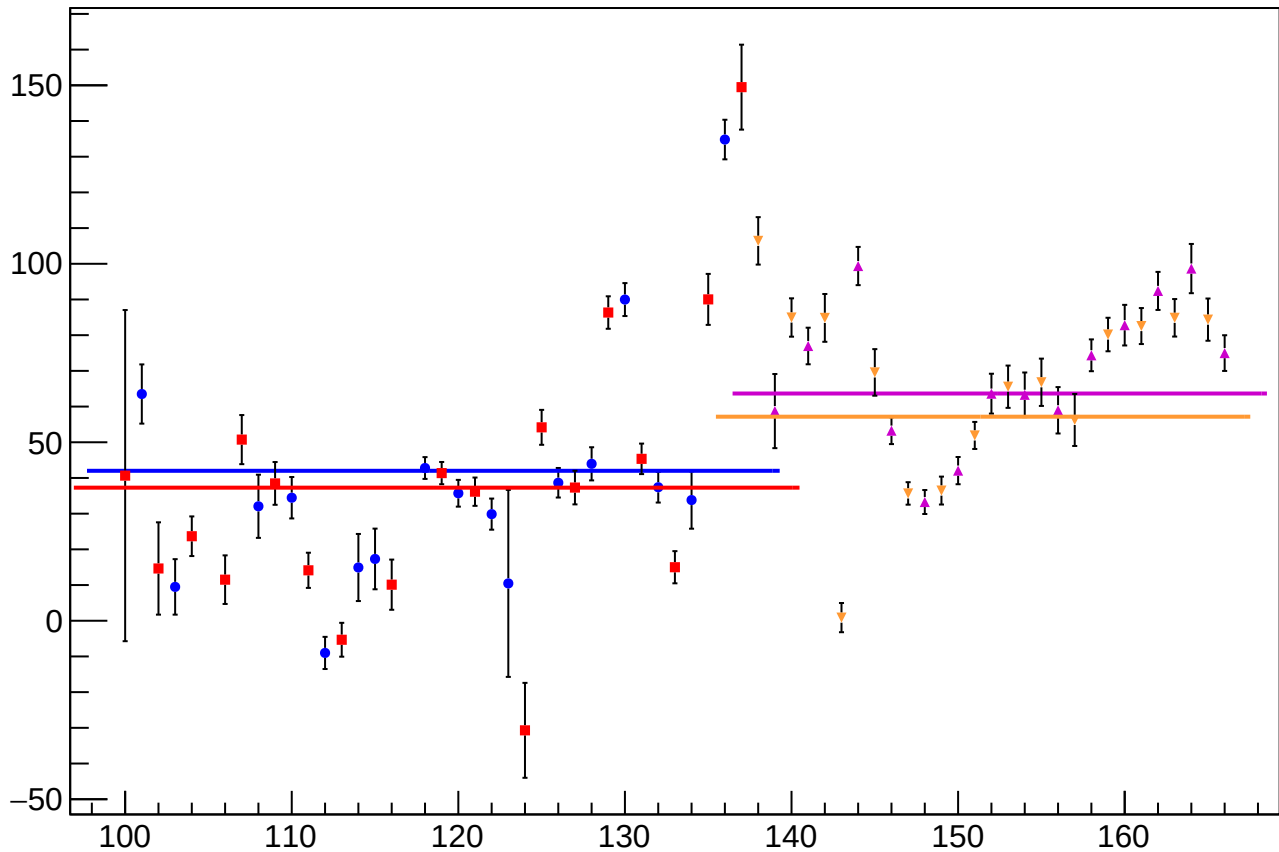
Left In: 224.242 ± 1.581 $\chi^2/\text{NDF}: 843.9/13$

+ sign 230.875 ± 1.250 $\chi^2/\text{NDF}: 4274.3/31$

All: 234.612 ± 0.878 $\chi^2/\text{NDF}: 7879.2/64$

- sign 238.263 ± 1.235 $\chi^2/\text{NDF}: 3587.2/32$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2 /NDF: 575.6/16

Left Out: 57.164 $\pm$ 1.272 χ^2 /NDF: 470.8/14

Right Out: 37.284 $\pm$ 1.237 χ^2 /NDF: 472.6/18

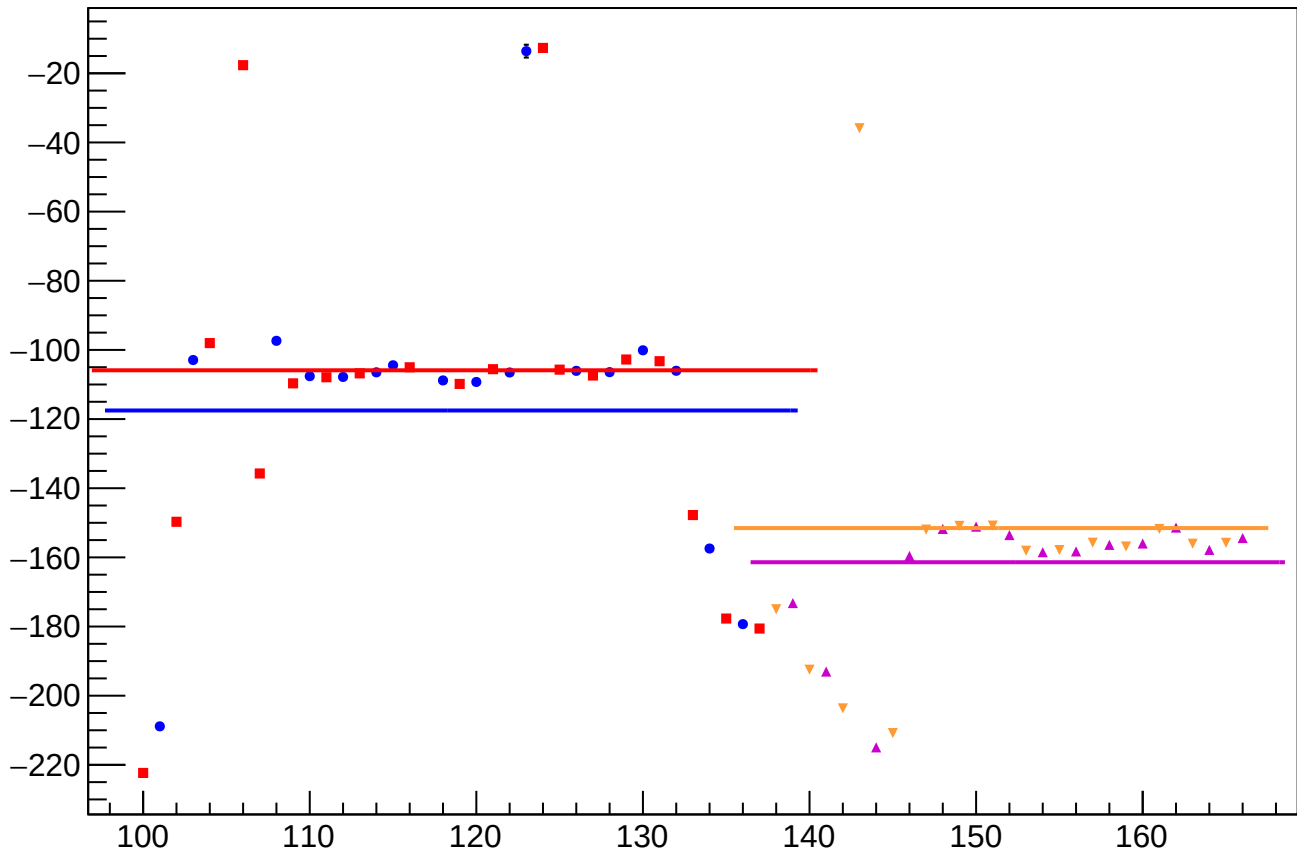
Left In: 63.658 $\pm$ 1.326 χ^2 /NDF: 250.6/13

+ sign 49.487 $\pm$ 0.893 χ^2 /NDF: 1118.3/31

All: 49.524 $\pm$ 0.636 χ^2 /NDF: 2053.1/64

- sign 49.561 $\pm$ 0.904 χ^2 /NDF: 934.8/32

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516 ± 0.078 χ^2/NDF : 142016.6/16

Left Out: -151.527 ± 0.063 χ^2/NDF : 403881.6/14

Right Out: -105.892 ± 0.073 χ^2/NDF : 324304.4/18

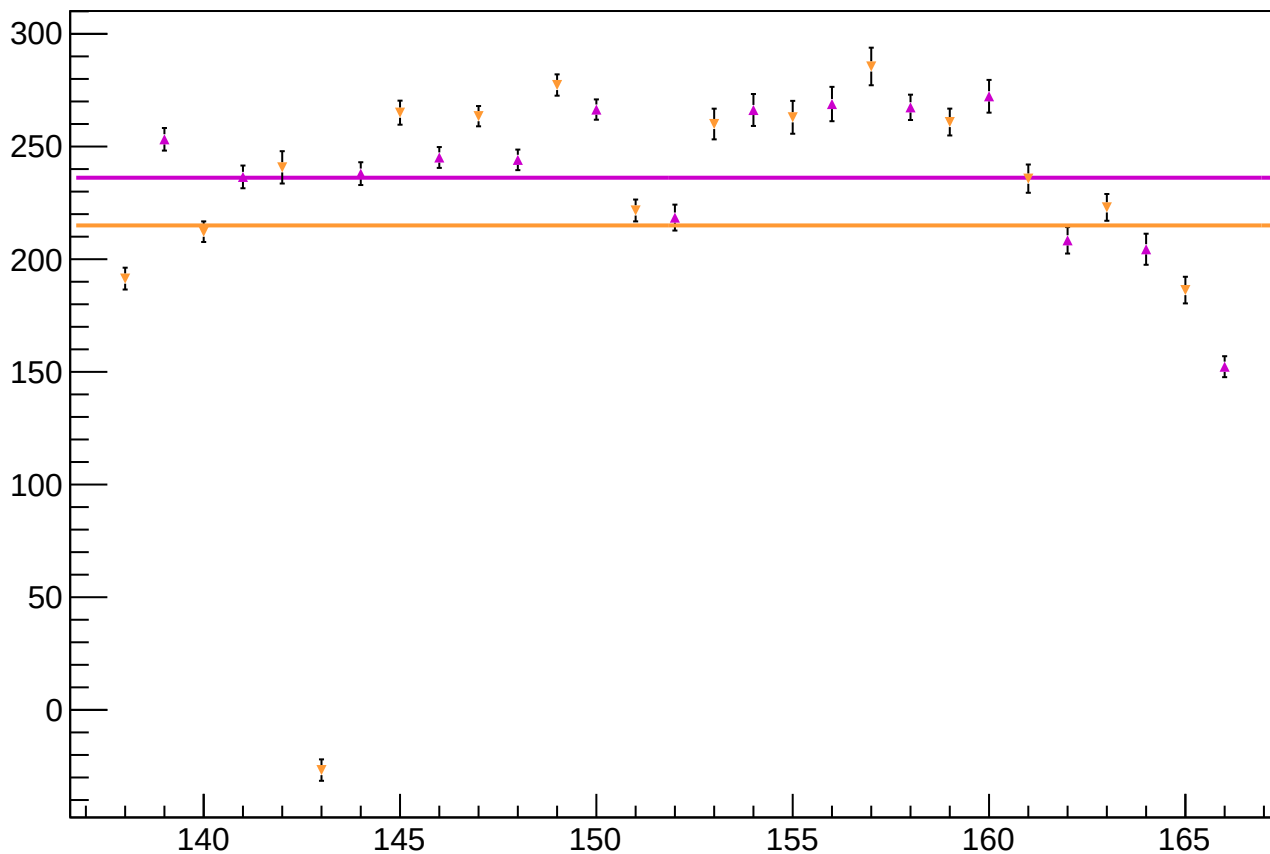
Left In: -161.403 ± 0.064 χ^2/NDF : 60594.9/13

+ sign -138.098 ± 0.049 χ^2/NDF : 660952.7/31

All: -137.747 ± 0.034 χ^2/NDF : 1376104.5/64

- sign -137.412 ± 0.048 χ^2/NDF : 715051.6/32

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 214.992+/-1.427 χ^2/NDF : 3254.9/14

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

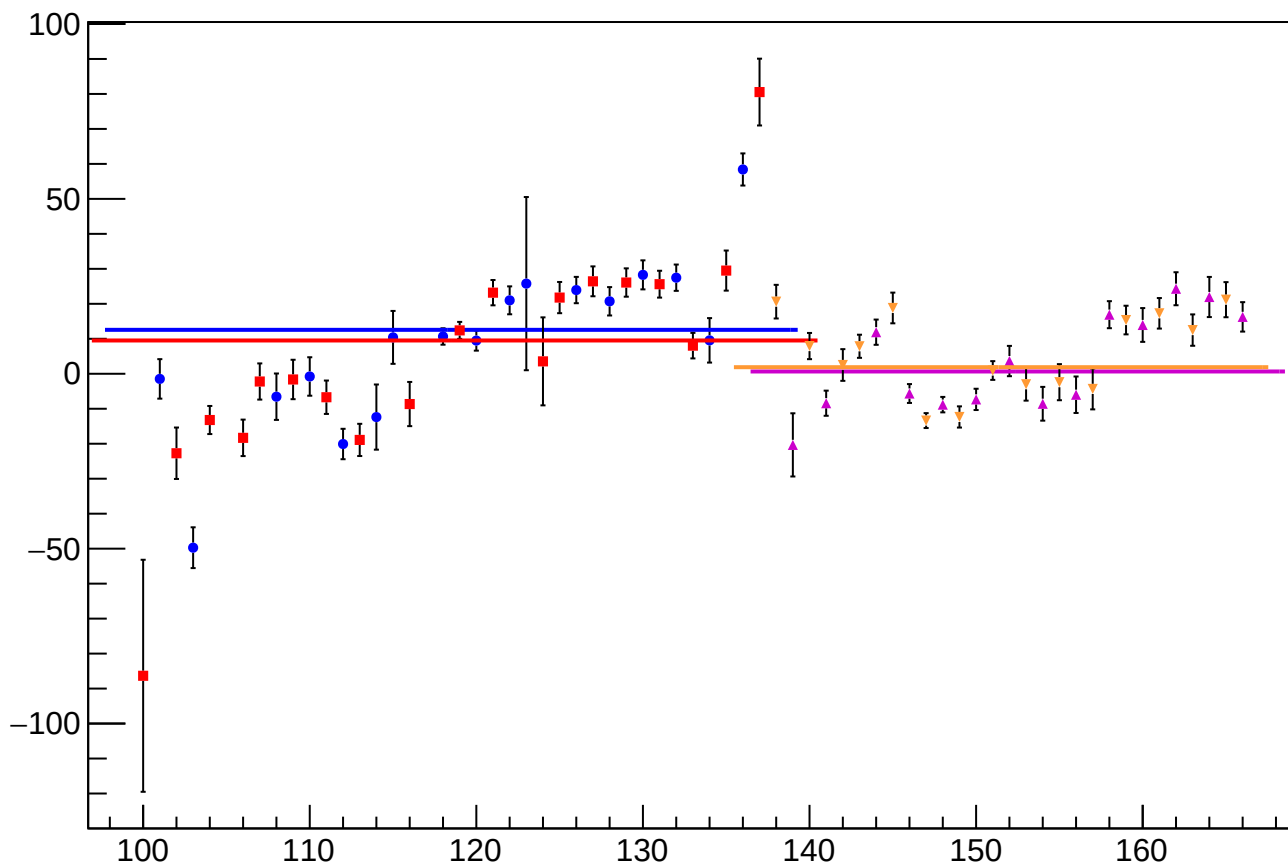
Left In: 236.162+/-1.448 χ^2/NDF : 534.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.418+/-1.017 χ^2/NDF : 3897.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561 $\pm$ 1.056 χ^2 /NDF: 347.7/16

Left Out: 1.880 $\pm$ 0.958 χ^2 /NDF:155.9/14

Right Out: 9.519 $\pm$ 1.051 χ^2 /NDF: 296.2/18

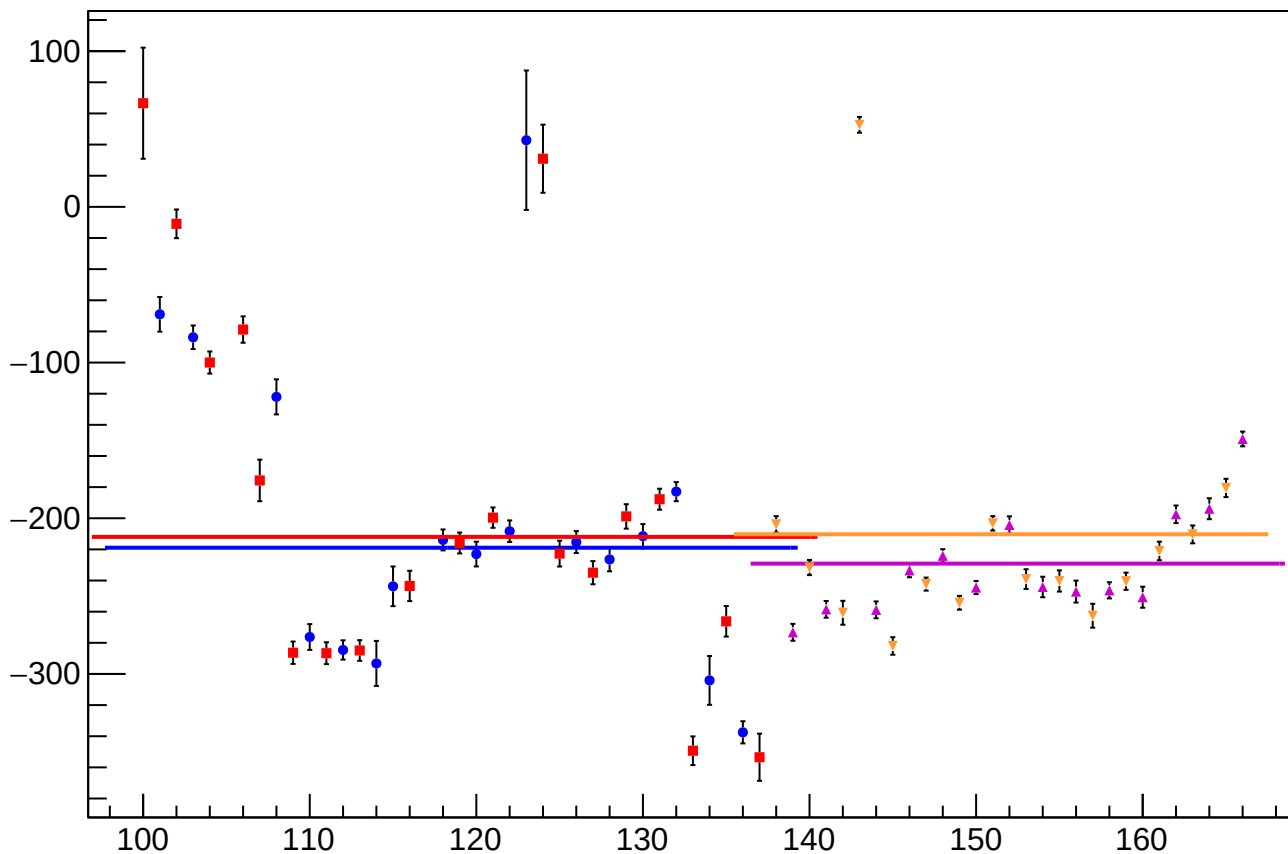
Left In: 0.655 $\pm$ 1.004 χ^2 /NDF:135.9/13

+ sign 6.705 $\pm$ 0.710 χ^2 /NDF: 559.8/31

All: 5.817 $\pm$ 0.507 χ^2 /NDF: 1032.3/64

- sign 4.887 $\pm$ 0.726 χ^2 /NDF: 469.3/32

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -210.274 ± 1.408 $\chi^2/\text{NDF}: 3215.7/14$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

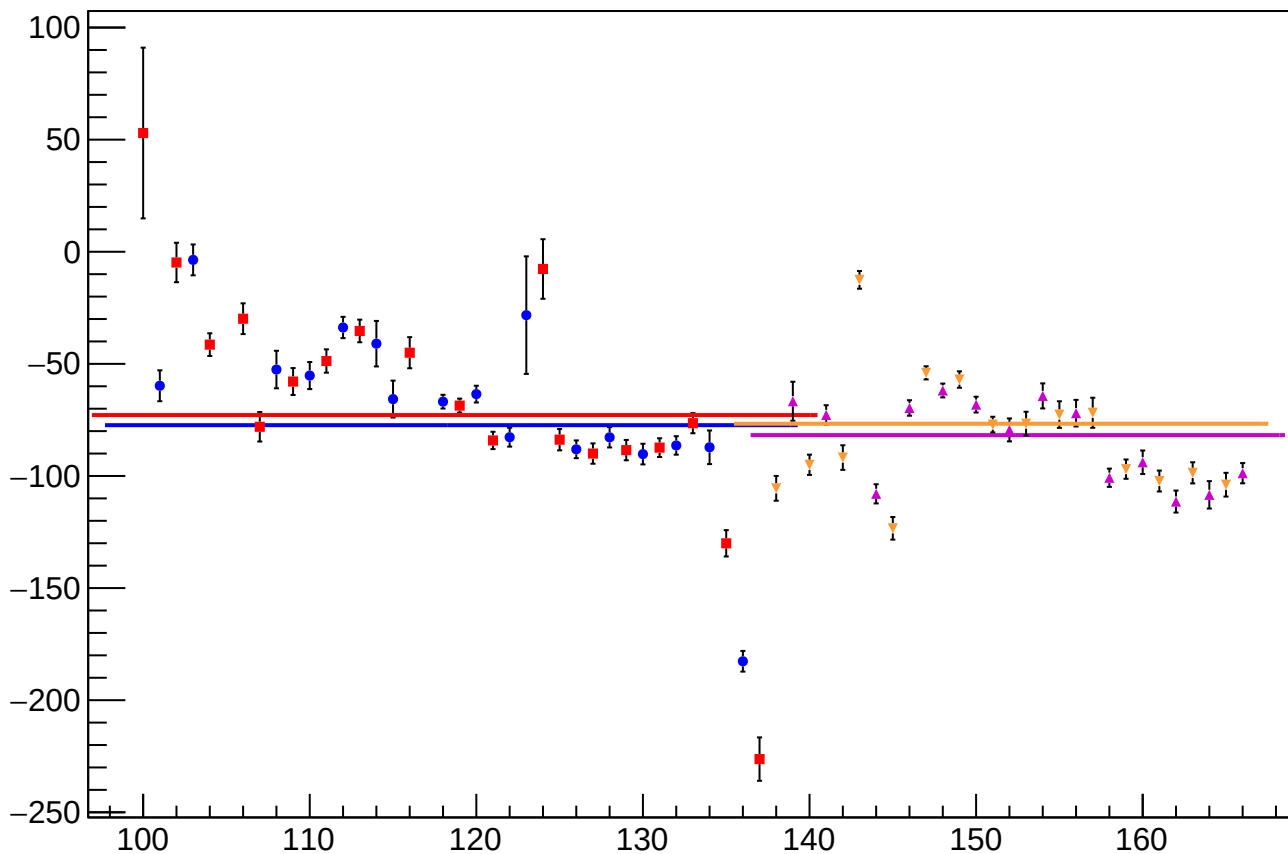
Left In: -229.131 ± 1.417 $\chi^2/\text{NDF}: 540.0/13$

+ sign -213.131 ± 1.153 $\chi^2/\text{NDF}: 4374.8/31$

All: -218.166 ± 0.811 $\chi^2/\text{NDF}: 6890.3/64$

- sign -223.099 ± 1.141 $\chi^2/\text{NDF}: 2477.8/32$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -76.702 ± 1.149 χ^2/NDF : 589.8/14

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

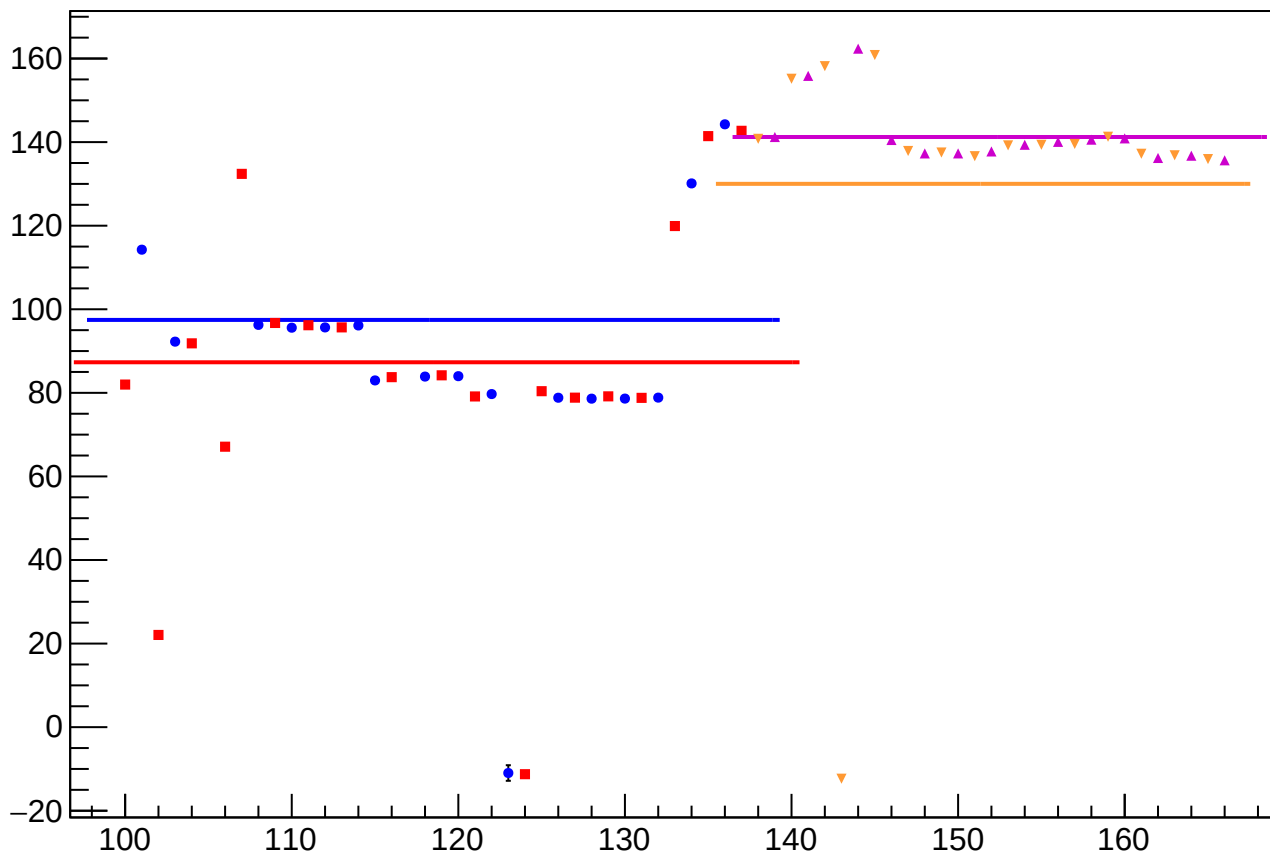
Left In: -81.777 ± 1.193 χ^2/NDF : 223.0/13

+ sign -77.003 ± 0.836 χ^2/NDF : 1407.2/31

All: -77.182 ± 0.596 χ^2/NDF : 2330.9/64

- sign -77.366 ± 0.849 χ^2/NDF : 923.6/32

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 130.015 $\pm$ 0.057 χ^2 /NDF: 550148.9/14

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

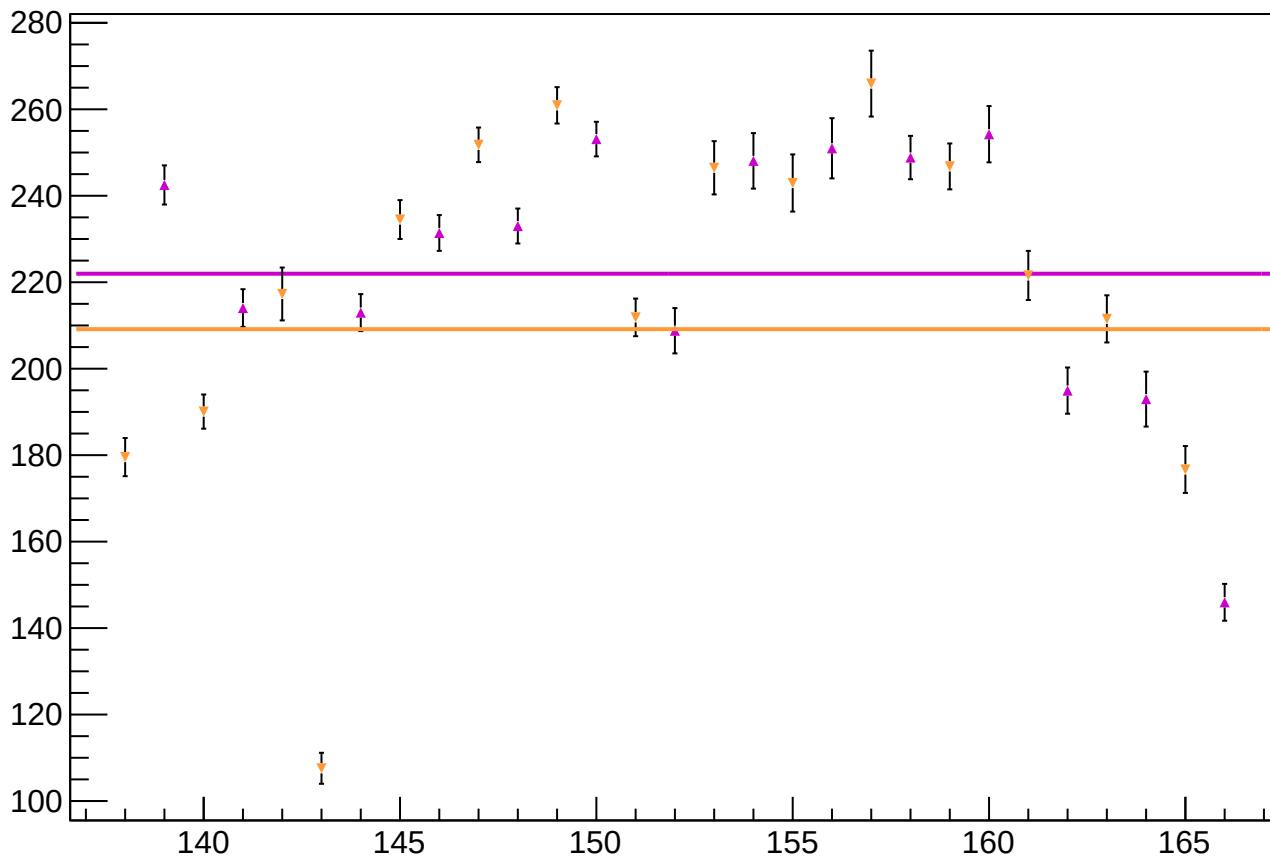
Left In: 141.224 $\pm$ 0.057 χ^2 /NDF: 15296.9/13

+ sign 117.852 $\pm$ 0.045 χ^2 /NDF: 768383.2/31

All: 118.504 $\pm$ 0.031 χ^2 /NDF: 1374182.8/64

- sign 119.125 $\pm$ 0.044 χ^2 /NDF: 605385.8/32

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: 209.142+/-1.248 χ^2/NDF :1379.6/14

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

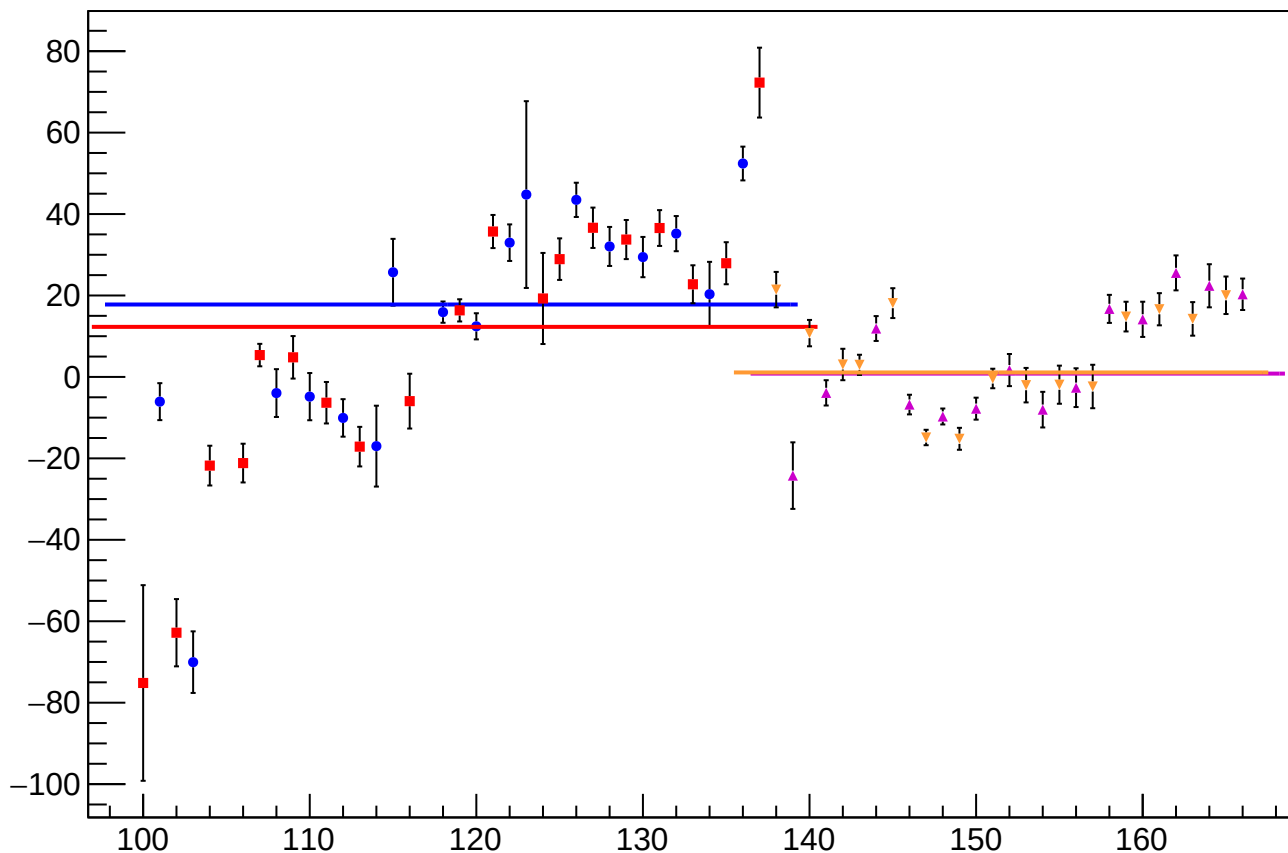
Left In: 221.970+/-1.293 χ^2/NDF :559.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.329+/-0.898 χ^2/NDF : 1989.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786 $\pm$ 1.146 χ^2 /NDF: 395.1/16

Left Out: 1.101 $\pm$ 0.838 χ^2 /NDF: 219.3/14

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

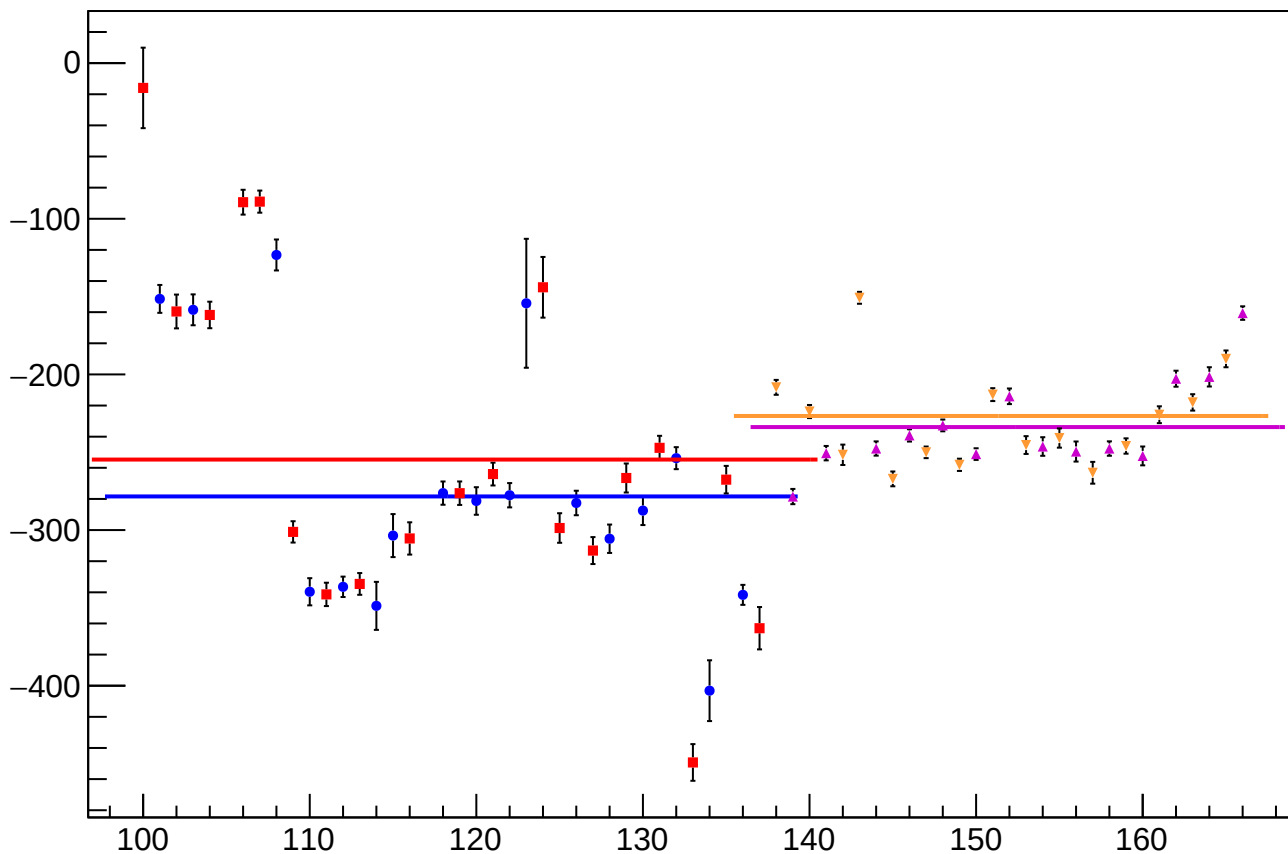
Left In: 0.815 $\pm$ 0.894 χ^2 /NDF: 184.6/13

+ sign 6.908 $\pm$ 0.676 χ^2 /NDF: 752.5/31

All: 6.194 $\pm$ 0.483 χ^2 /NDF: 1449.8/64

- sign 5.451 $\pm$ 0.690 χ^2 /NDF: 695.0/32

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393 ± 2.168 $\chi^2/\text{NDF}: 910.5/16$

Left Out: -226.700 ± 1.237 $\chi^2/\text{NDF}: 716.8/14$

Right Out: -254.703 ± 2.020 $\chi^2/\text{NDF}: 2038.5/18$

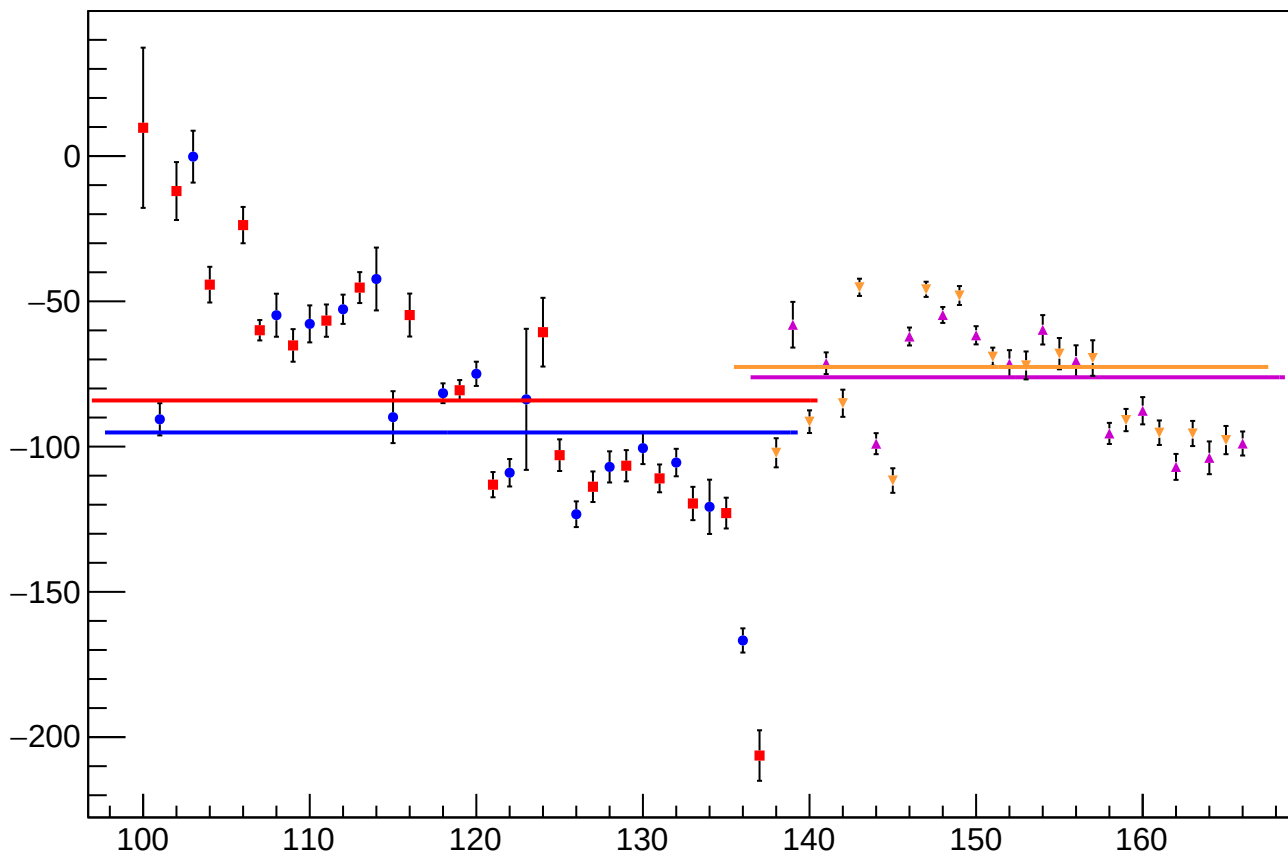
Left In: -233.826 ± 1.266 $\chi^2/\text{NDF}: 520.8/13$

+ sign -239.398 ± 1.074 $\chi^2/\text{NDF}: 2056.4/31$

All: -239.557 ± 0.759 $\chi^2/\text{NDF}: 4692.5/64$

- sign -239.714 ± 1.073 $\chi^2/\text{NDF}: 2636.0/32$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Left Out: -72.592 ± 1.006 χ^2/NDF : 506.4/14

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

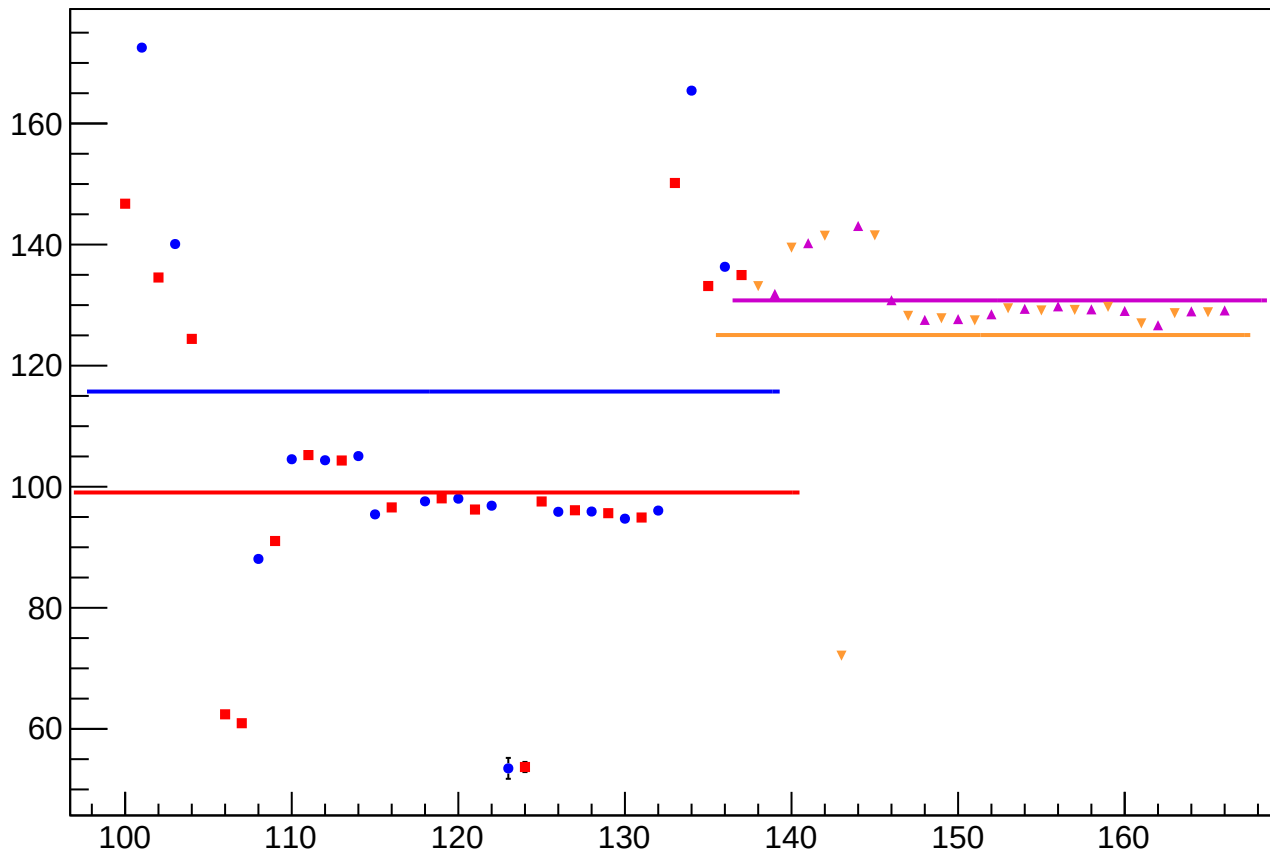
Left In: -76.140 ± 1.063 χ^2/NDF : 299.3/13

+ sign -80.852 ± 0.801 χ^2/NDF : 1365.4/31

All: -80.168 ± 0.570 χ^2/NDF : 2472.5/64

- sign -79.464 ± 0.812 χ^2/NDF : 1105.6/32

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: 125.057 $\pm$ 0.050 χ^2 /NDF: 142042.0/14

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

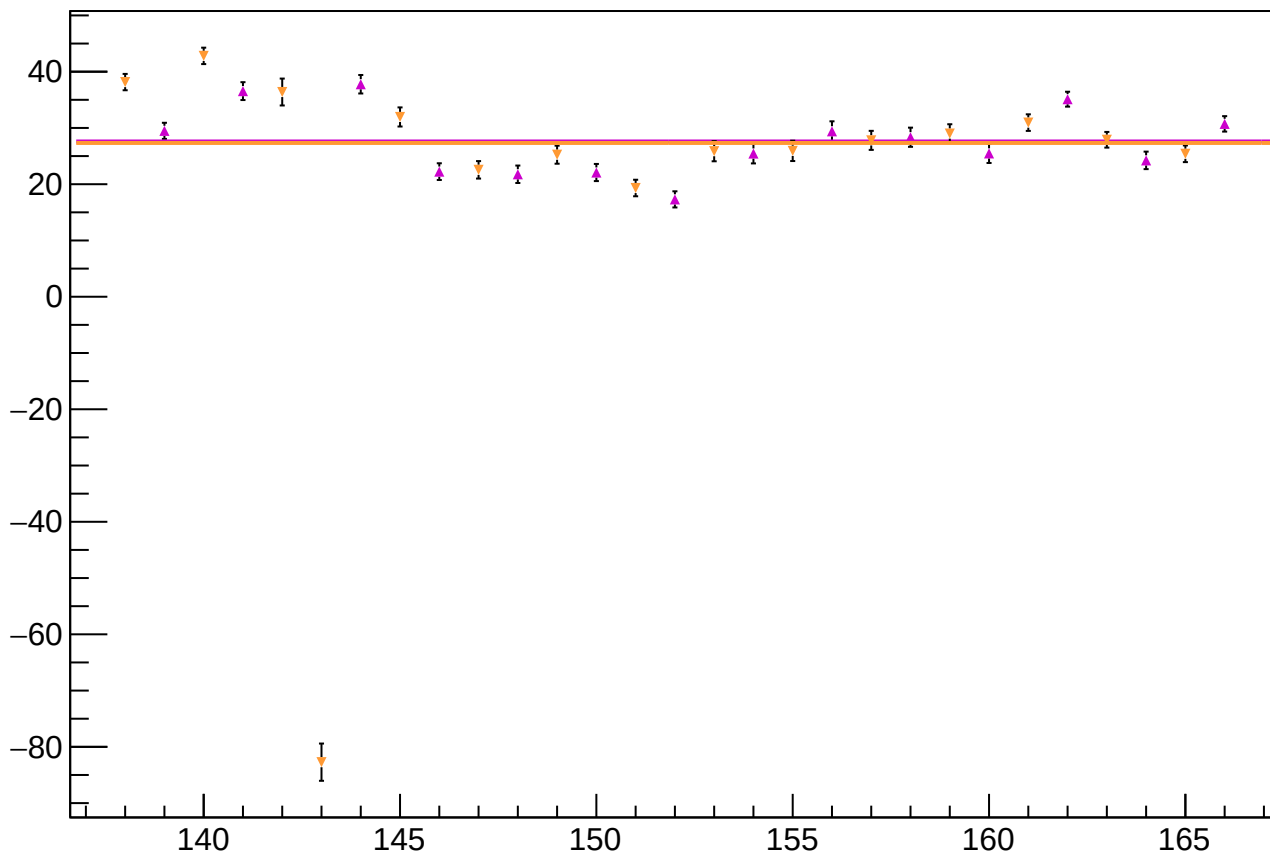
Left In: 130.777 $\pm$ 0.051 χ^2 /NDF: 8000.1/13

+ sign 122.357 $\pm$ 0.042 χ^2 /NDF: 258611.4/31

All: 120.886 $\pm$ 0.029 χ^2 /NDF: 580676.8/64

- sign 119.491 $\pm$ 0.041 χ^2 /NDF: 319670.6/32

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 27.335 $\pm$ 0.423 χ^2 /NDF:1346.1/14

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

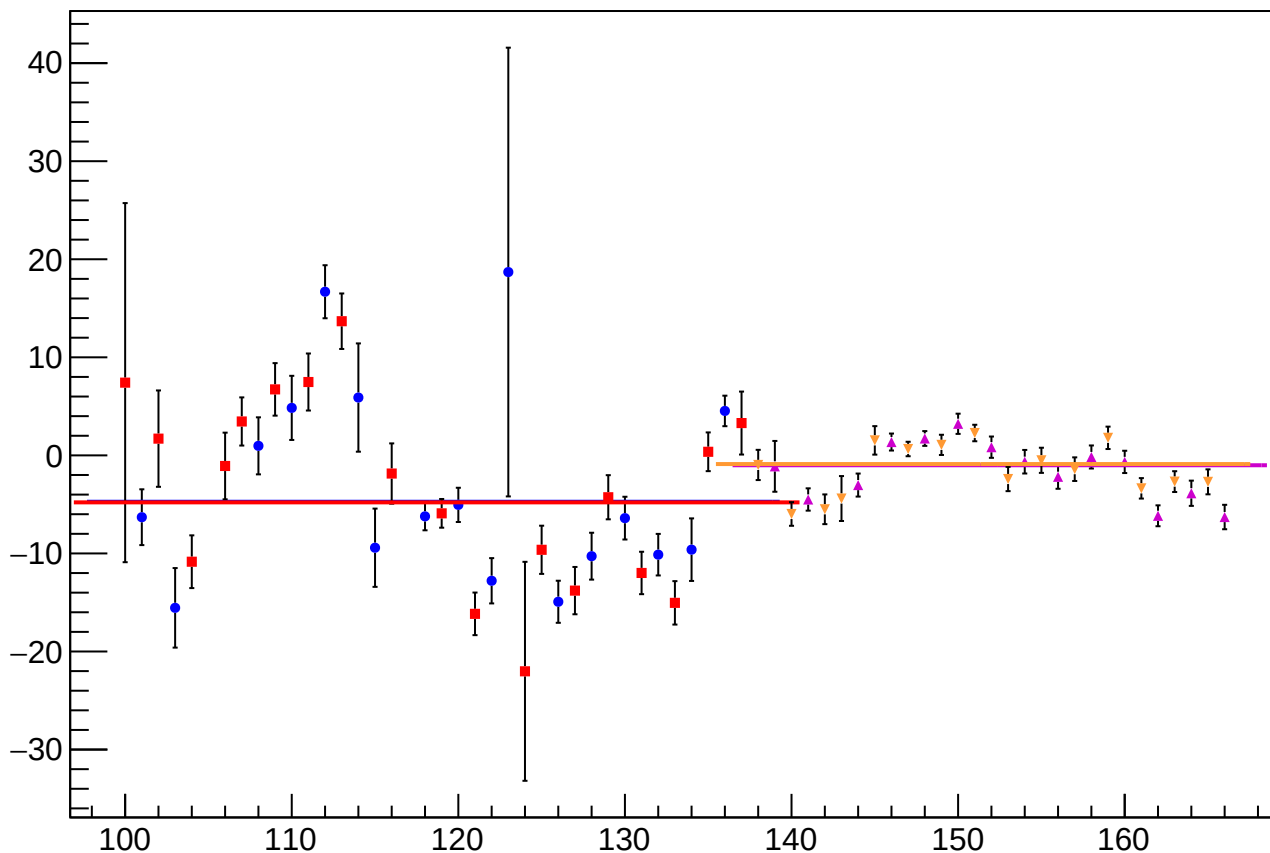
Left In: 27.593 $\pm$ 0.412 χ^2 /NDF:209.9/13

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

All: 27.467 $\pm$ 0.295 χ^2 /NDF: 1556.1/28

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

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -0.885 ± 0.294 χ^2/NDF : 72.2/14

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

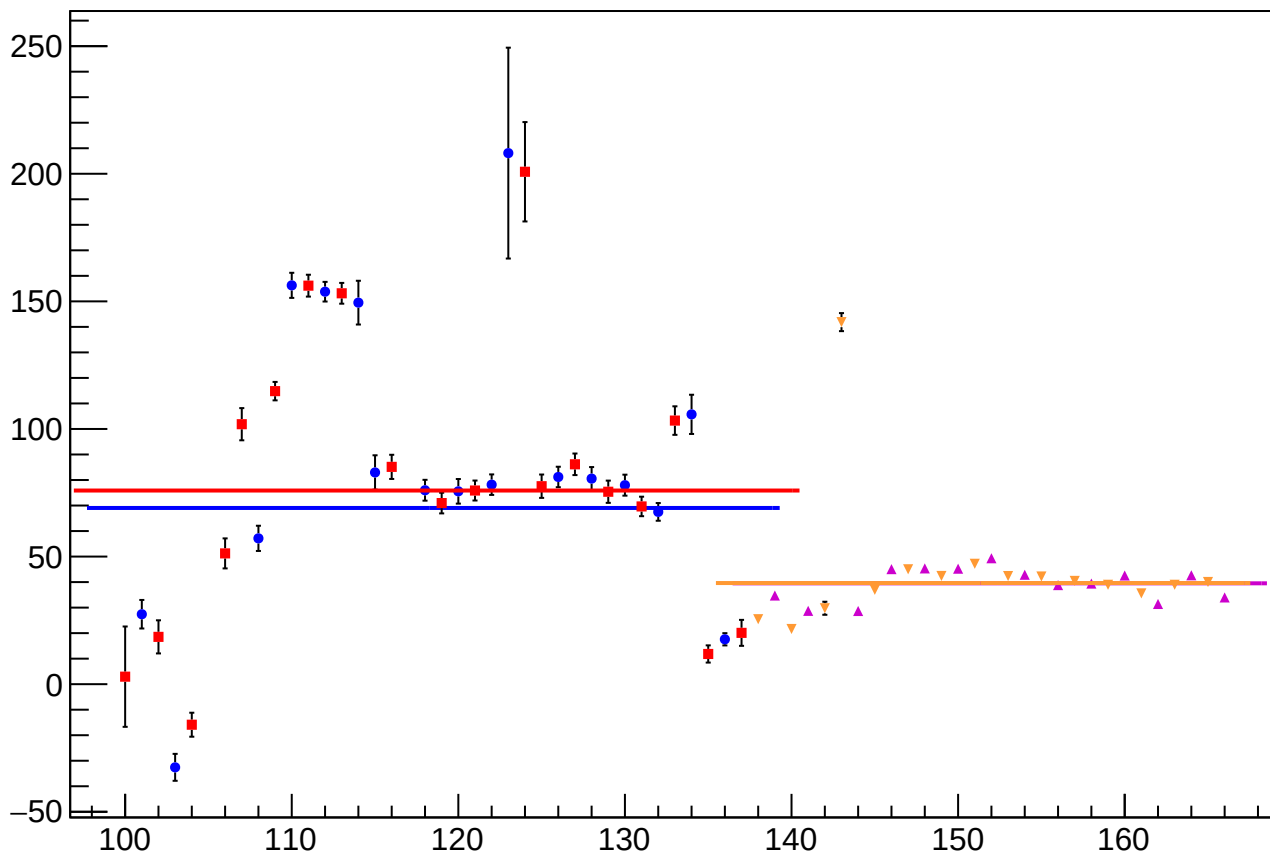
Left In: -1.007 ± 0.295 χ^2/NDF : 100.6/13

+ sign -1.673 ± 0.262 χ^2/NDF : 282.0/31

All: -1.723 ± 0.186 χ^2/NDF : 609.5/64

- sign -1.772 ± 0.263 χ^2/NDF : 327.4/32

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048+/-1.077 χ^2/NDF : 1847.9/16

Left Out: 39.629+/-0.413 χ^2/NDF : 1129.5/14

Right Out: 75.878+/-1.069 χ^2/NDF : 1895.0/18

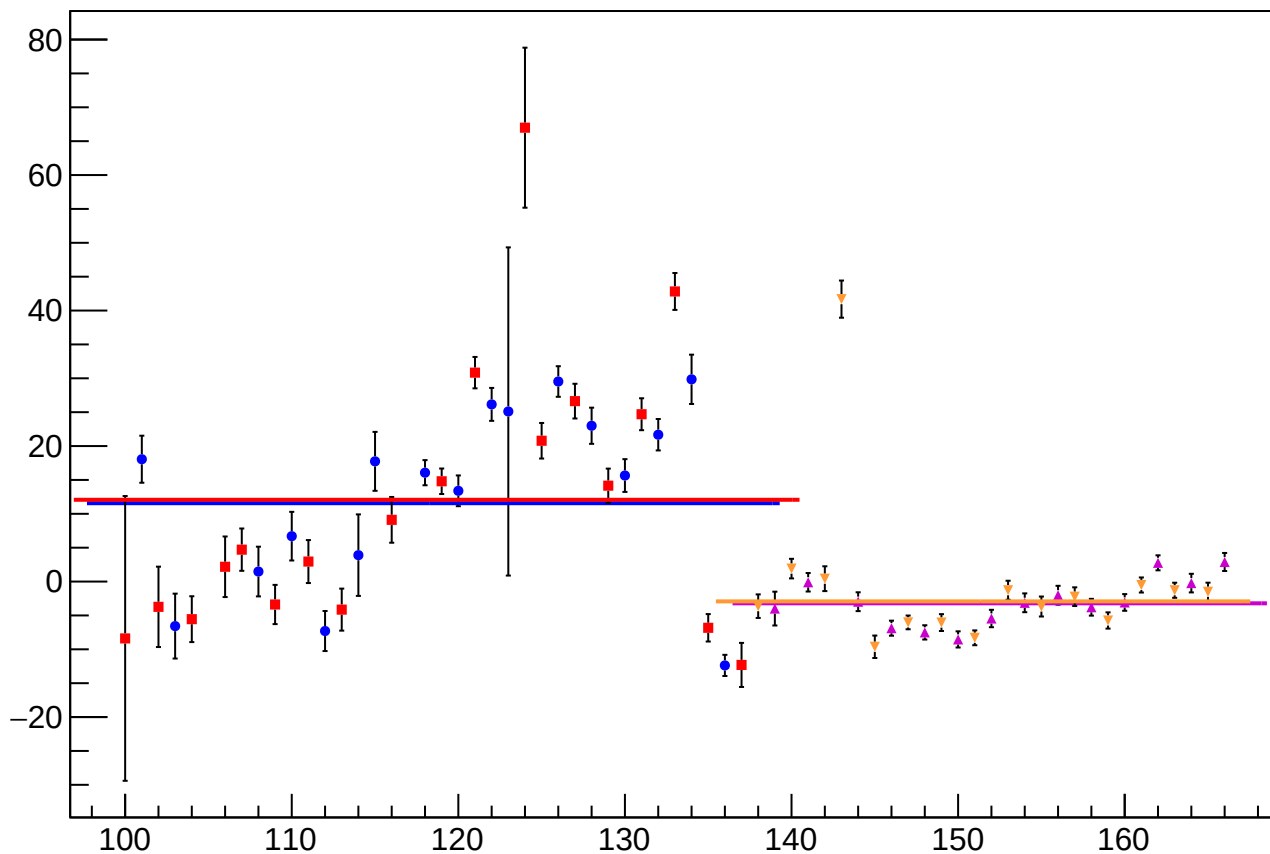
Left In: 39.521+/-0.402 χ^2/NDF : 255.5/13

+ sign 43.404+/-0.386 χ^2/NDF : 3628.2/31

All: 43.719+/-0.269 χ^2/NDF : 6792.7/64

- sign 44.019+/-0.376 χ^2/NDF : 3163.2/32

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: -2.925 $\pm$ 0.345 χ^2 /NDF:350.8/14

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

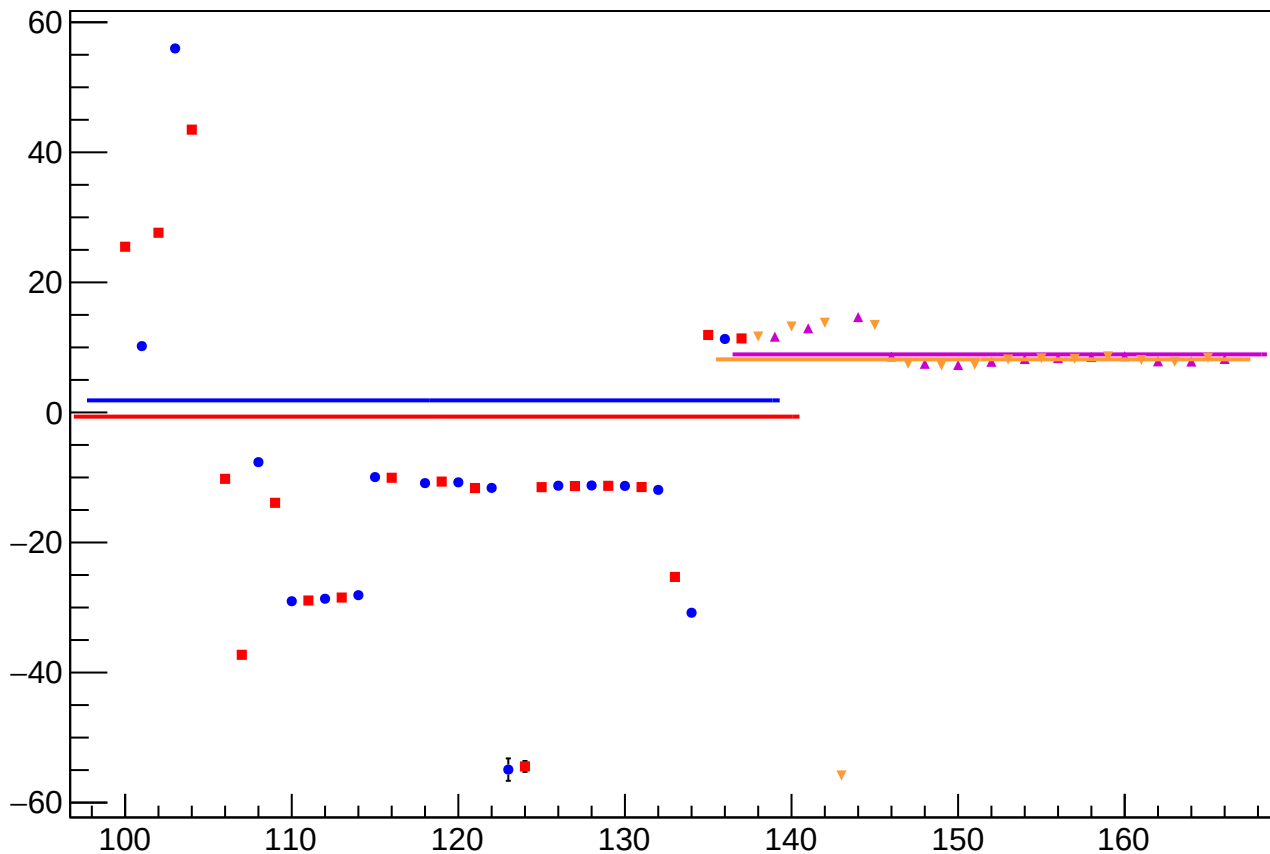
Left In: -3.212 $\pm$ 0.343 χ^2 /NDF:111.5/13

+ sign 0.194 $\pm$ 0.305 χ^2 /NDF: 1209.3/31

All: 0.101 $\pm$ 0.216 χ^2 /NDF: 2281.8/64

- sign 0.007 $\pm$ 0.305 χ^2 /NDF: 1072.3/32

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855 ± 0.037 χ^2/NDF : 359414.1/16

Left Out: 8.165 ± 0.016 χ^2/NDF : 222579.8/14

Right Out: -0.644 ± 0.037 χ^2/NDF : 361625.7/18

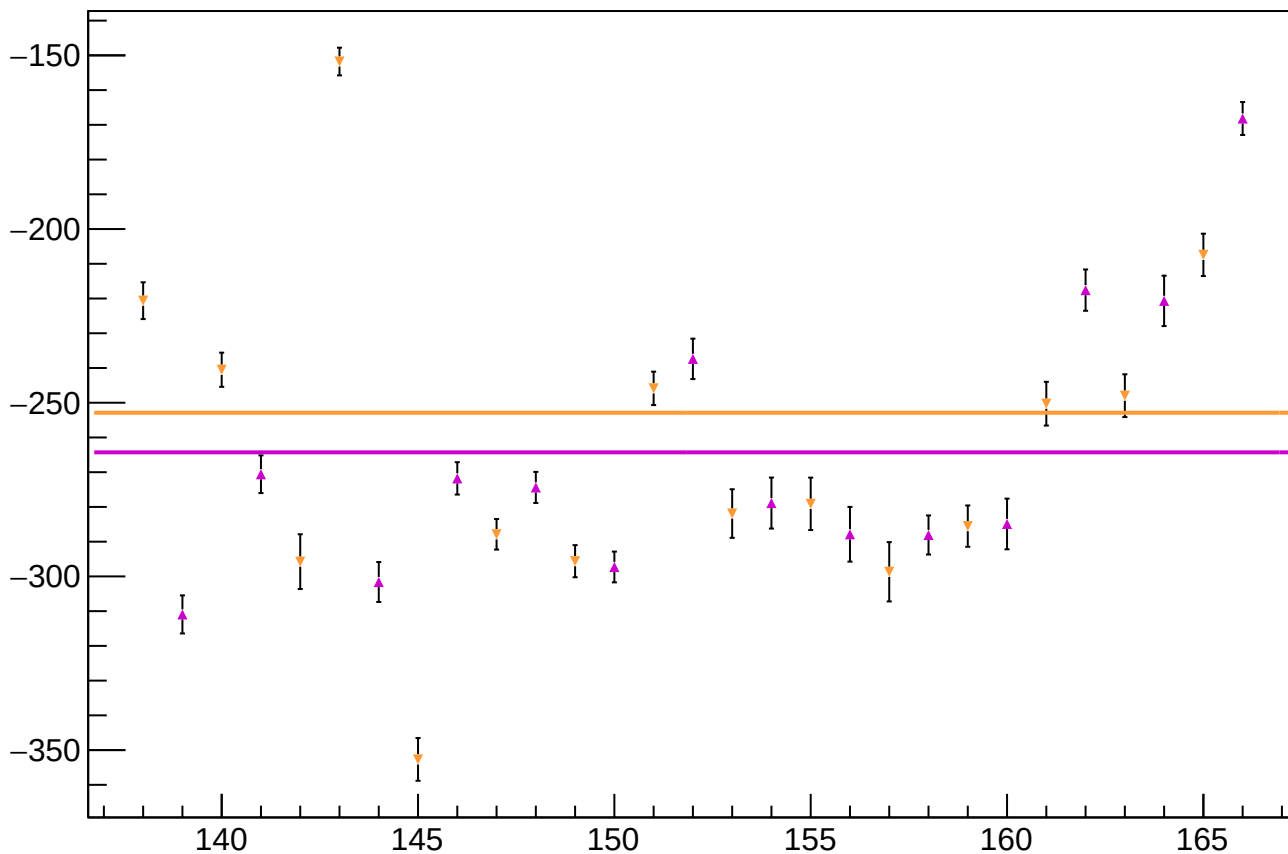
Left In: 8.926 ± 0.016 χ^2/NDF : 14468.6/13

+ sign 7.150 ± 0.015 χ^2/NDF : 606399.4/31

All: 7.299 ± 0.010 χ^2/NDF : 1039072.3/64

- sign 7.443 ± 0.015 χ^2/NDF : 432473.8/32

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: -252.882+/-1.440 χ^2/NDF : 1273.5/14

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

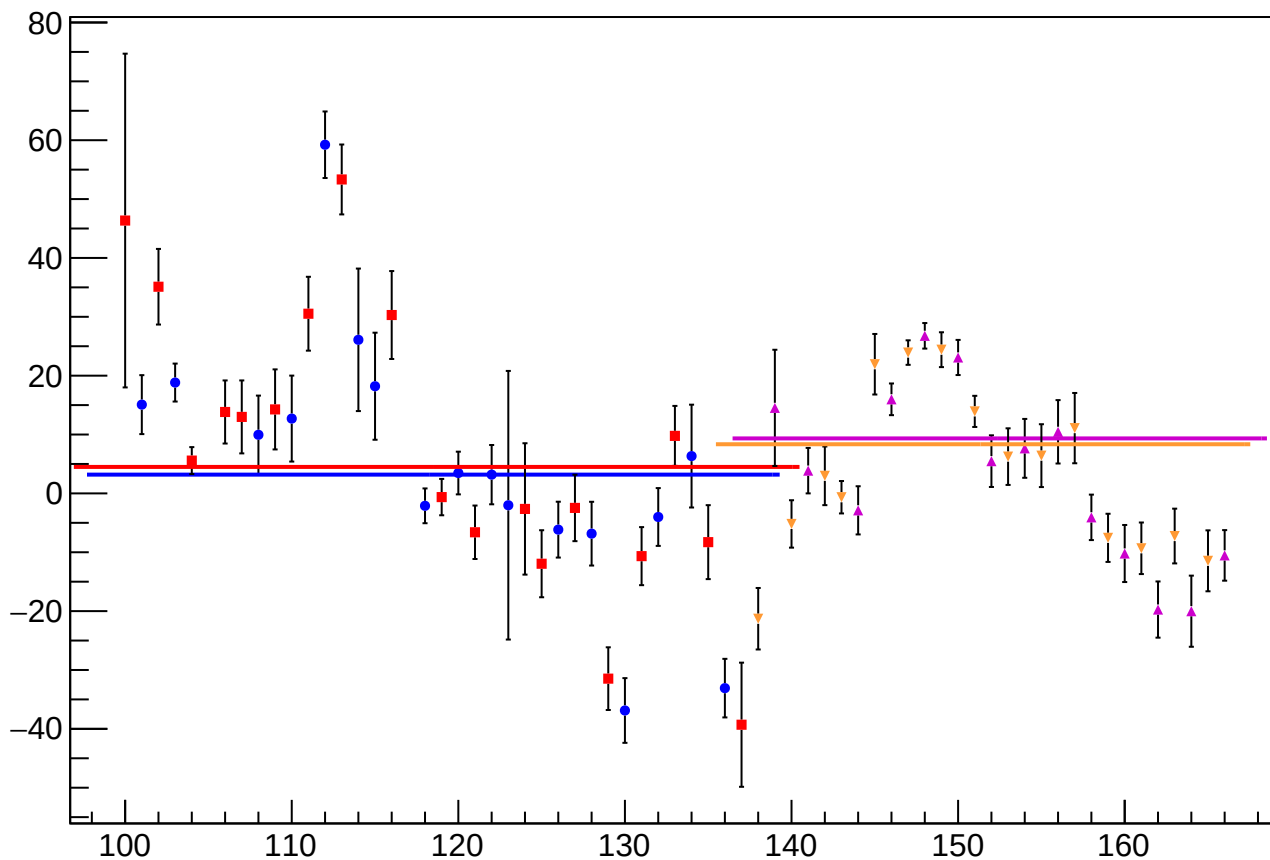
Left In: -264.285+/-1.490 χ^2/NDF : 747.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.390+/-1.035 χ^2/NDF : 2051.7/28

- 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 $\pm$ 1.225 χ^2/NDF : 255.6/16

Left Out: 8.349 $\pm$ 0.954 χ^2/NDF :210.0/14

Right Out: 4.497 $\pm$ 1.160 χ^2/NDF : 225.4/18

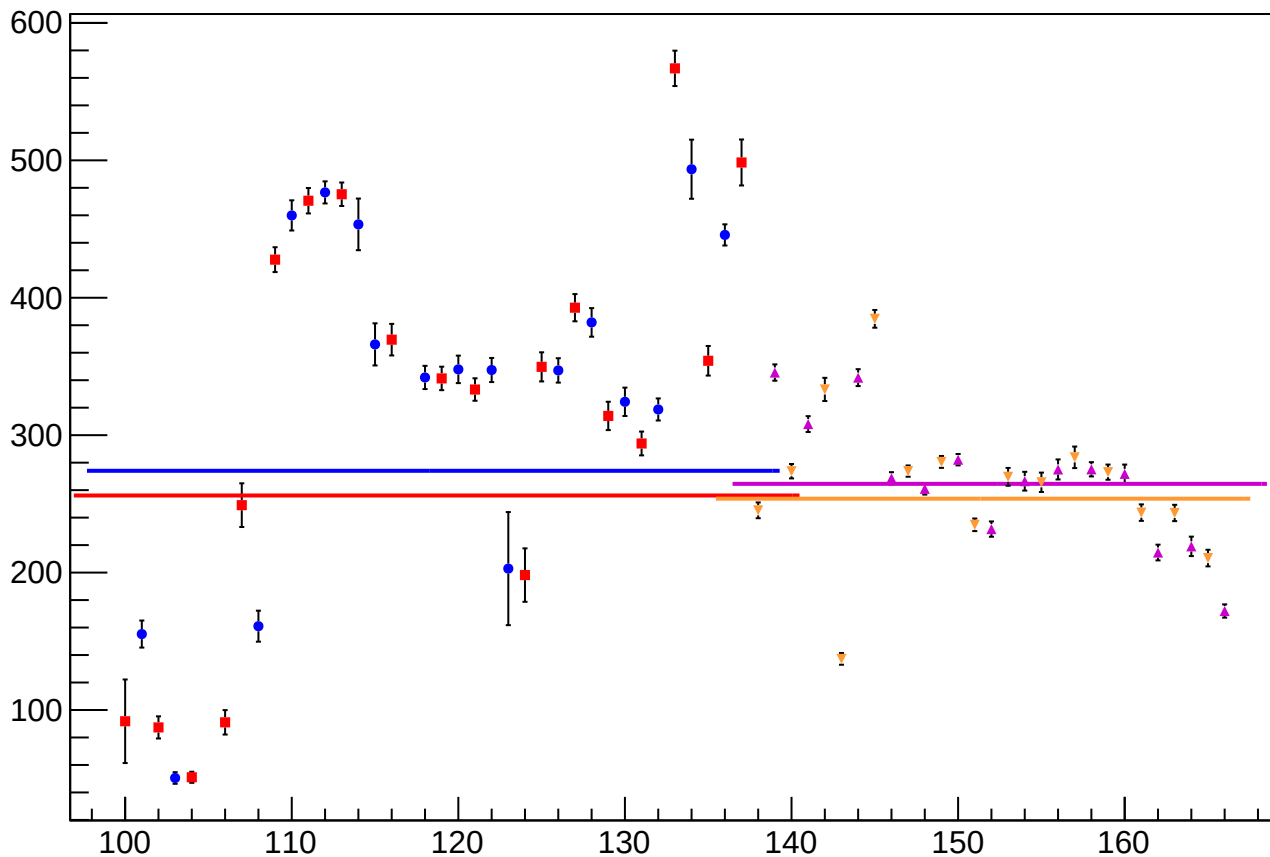
Left In: 9.339 $\pm$ 1.020 χ^2/NDF :214.4/13

+ sign 6.400 $\pm$ 0.753 χ^2/NDF : 476.7/31

All: 6.807 $\pm$ 0.537 χ^2/NDF : 926.9/64

- sign 7.227 $\pm$ 0.766 χ^2/NDF : 449.6/32

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 $\pm$ 2.191 χ^2 /NDF: 5112.0/16

Left Out: 253.781 $\pm$ 1.419 χ^2 /NDF:1437.9/14

Right Out: 256.109 $\pm$ 2.080 χ^2 /NDF: 6444.1/18

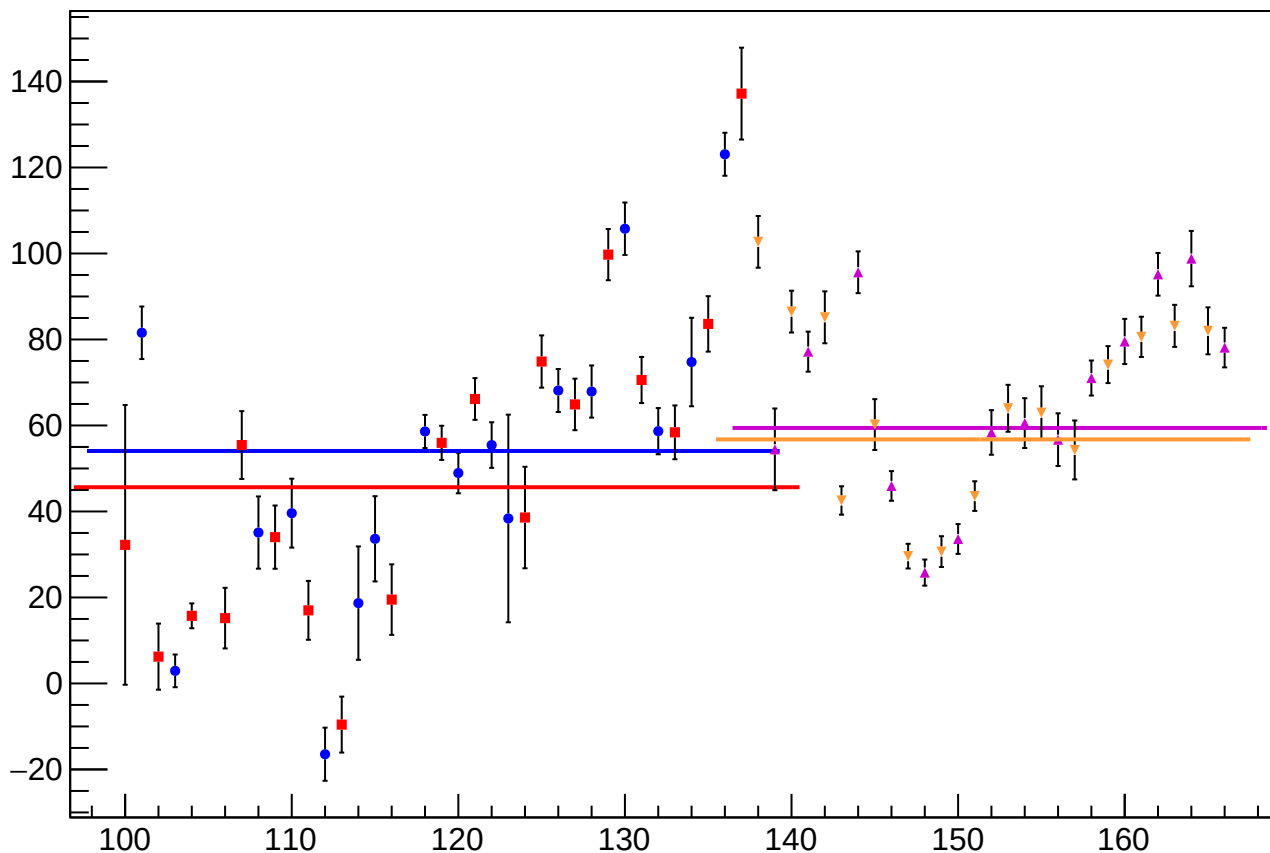
Left In: 264.573 $\pm$ 1.451 χ^2 /NDF:947.5/13

+ sign 259.778 $\pm$ 1.191 χ^2 /NDF: 6610.3/31

All: 260.791 $\pm$ 0.842 χ^2 /NDF: 14014.5/64

- sign 261.803 $\pm$ 1.190 χ^2 /NDF: 7402.7/32

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 56.761 $\pm$ 1.149 χ^2 /NDF:389.7/14

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

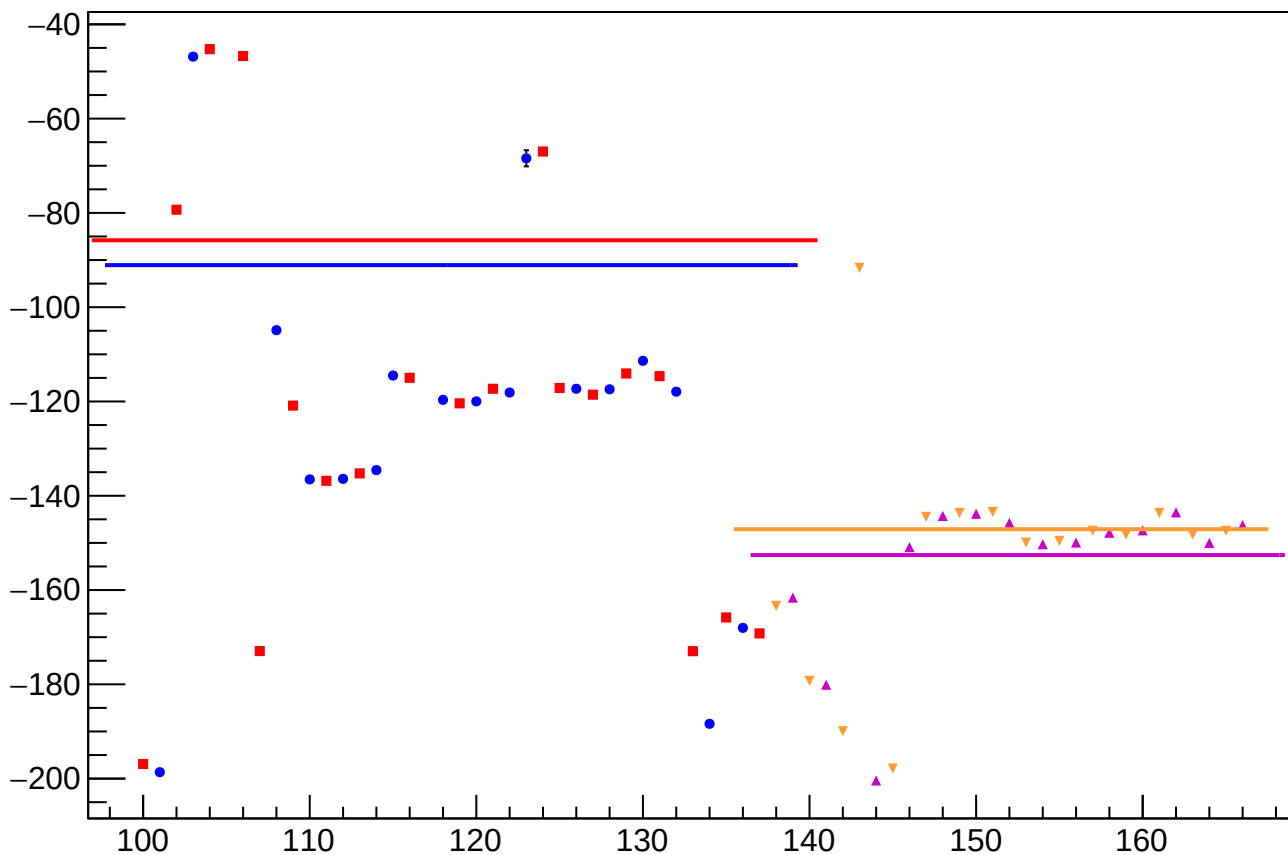
Left In: 59.421 $\pm$ 1.215 χ^2 /NDF:392.8/13

+ sign 55.695 $\pm$ 0.893 χ^2 /NDF: 1026.3/31

All: 54.514 $\pm$ 0.636 χ^2 /NDF: 2010.6/64

- sign 53.299 $\pm$ 0.906 χ^2 /NDF: 980.8/32

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 ± 0.068 χ^2/NDF : 534647.5/16

Left Out: -147.093 ± 0.057 χ^2/NDF : 187074.7/14

Right Out: -85.803 ± 0.065 χ^2/NDF : 495895.1/18

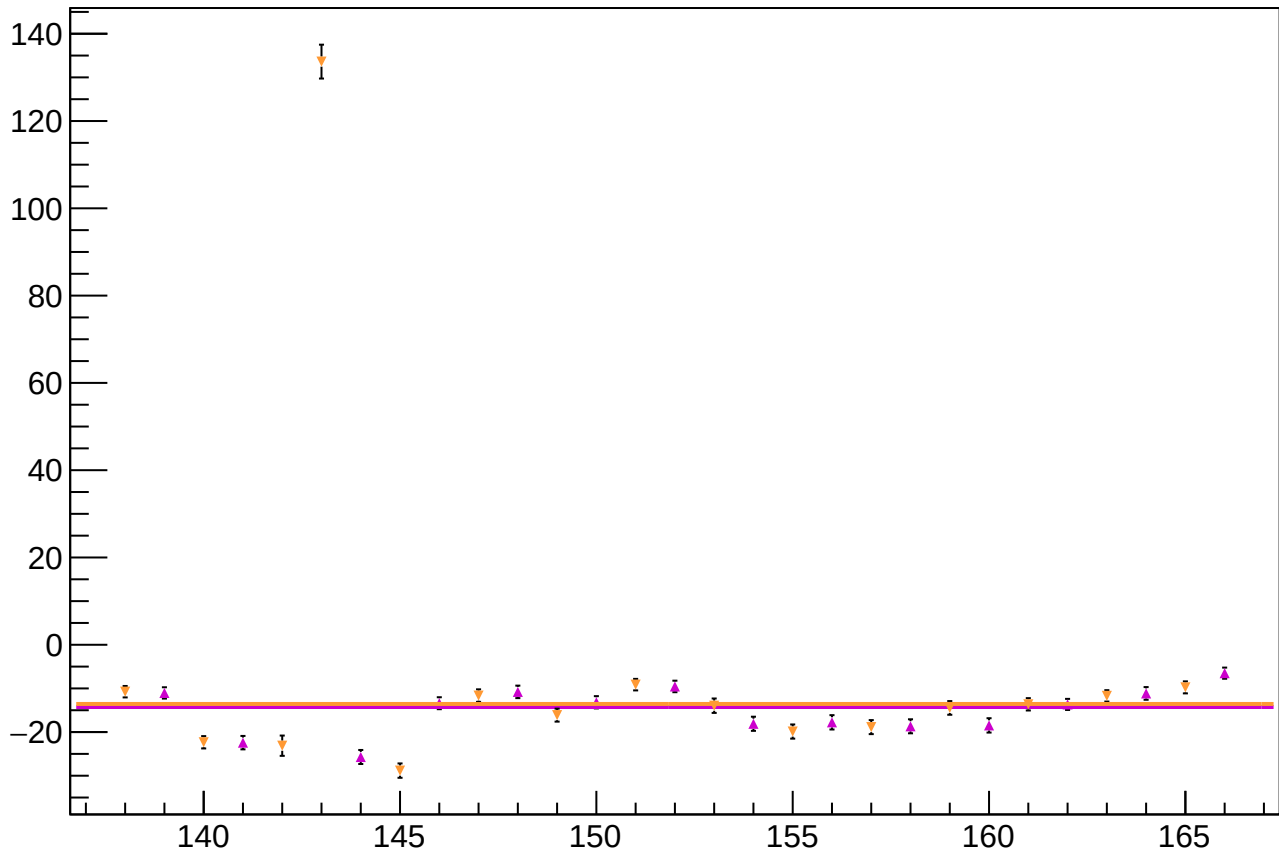
Left In: -152.578 ± 0.058 χ^2/NDF : 56707.7/13

+ sign -123.721 ± 0.044 χ^2/NDF : 1122770.9/31

All: -123.260 ± 0.031 χ^2/NDF : 2259641.1/64

- sign -122.804 ± 0.043 χ^2/NDF : 1136648.0/32

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.563+/-0.396 χ^2/NDF :1636.1/14

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

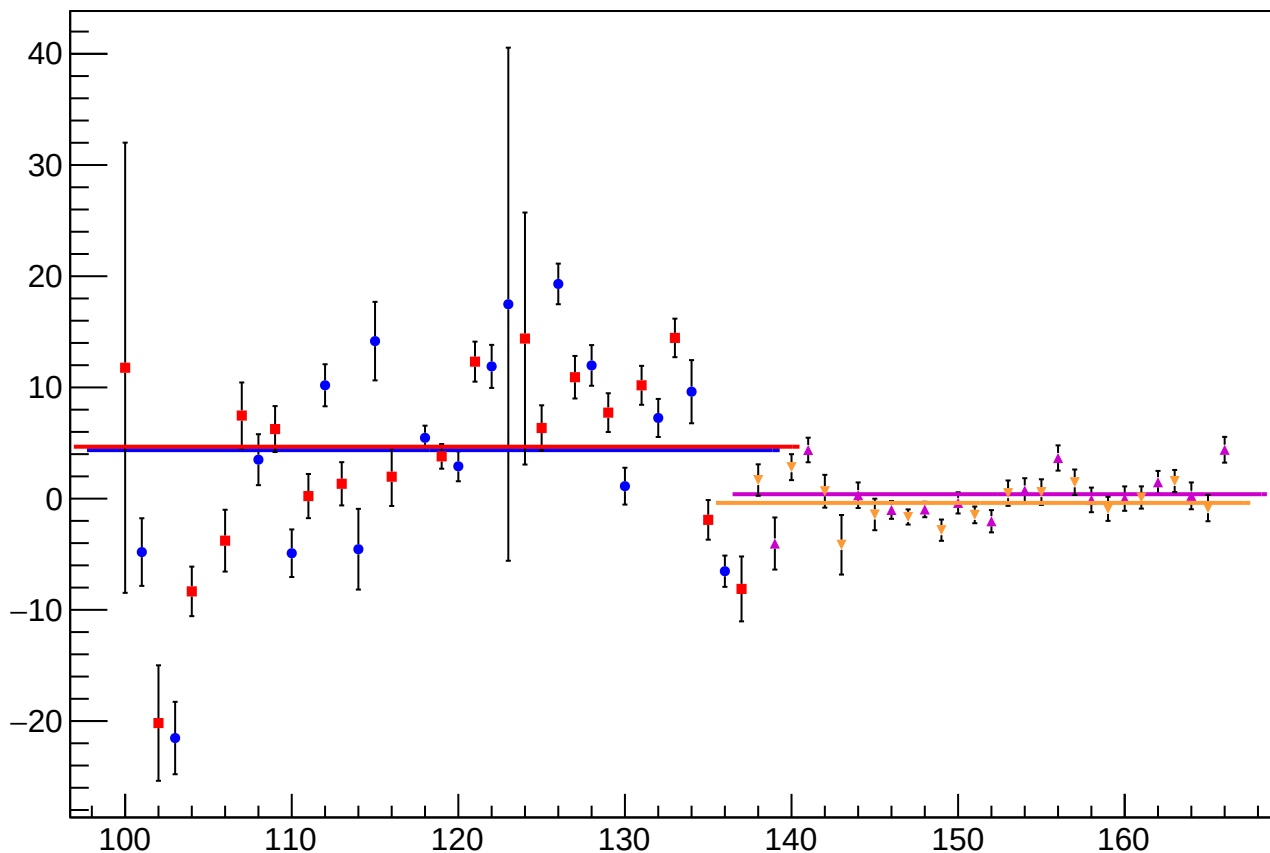
Left In: -14.258+/-0.386 χ^2/NDF :170.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.920+/-0.276 χ^2/NDF : 1808.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361 ± 0.464 $\chi^2/\text{NDF}: 286.5/16$

Left Out: -0.383 ± 0.275 $\chi^2/\text{NDF}: 33.3/14$

Right Out: 4.670 ± 0.474 $\chi^2/\text{NDF}: 185.4/18$

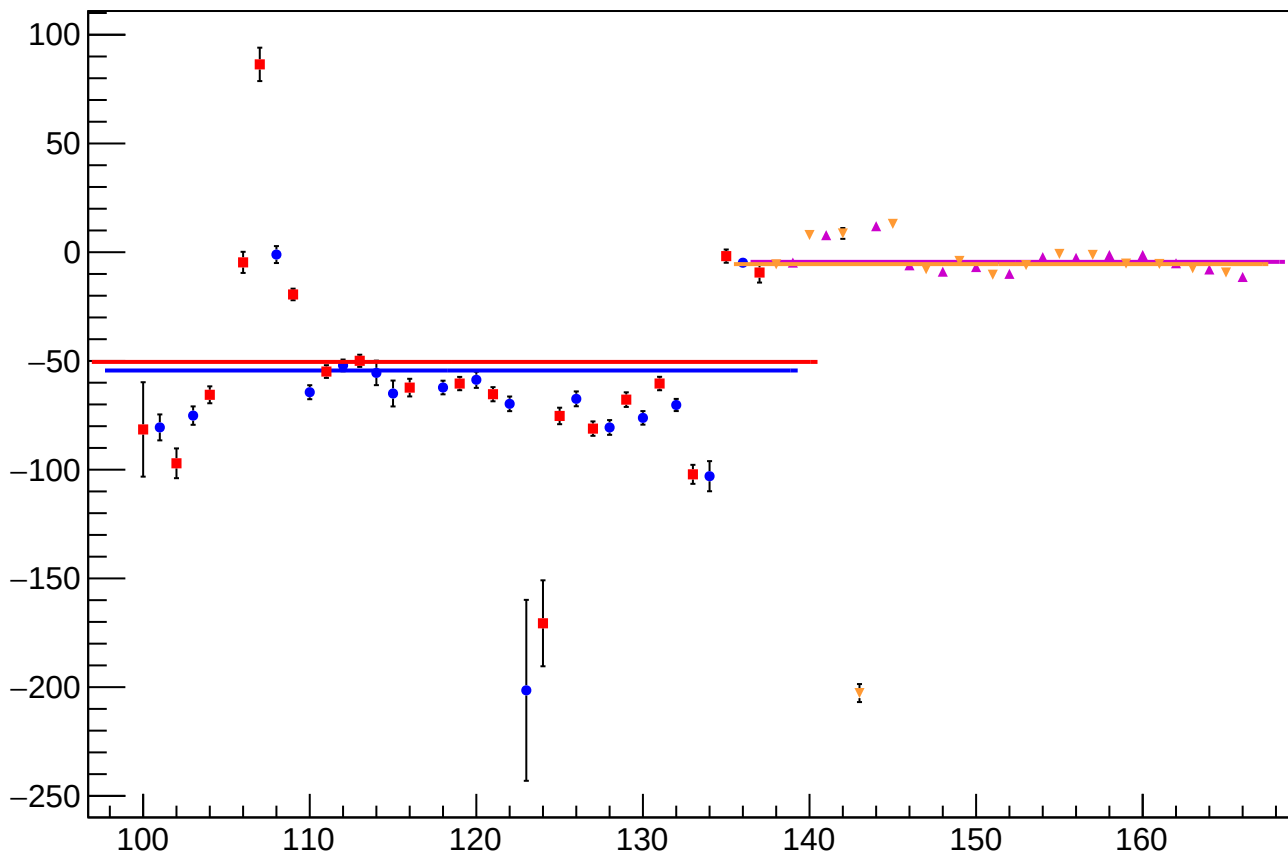
Left In: 0.398 ± 0.276 $\chi^2/\text{NDF}: 51.8/13$

+ sign 0.849 ± 0.237 $\chi^2/\text{NDF}: 397.1/31$

All: 1.162 ± 0.168 $\chi^2/\text{NDF}: 698.4/64$

- sign 1.481 ± 0.239 $\chi^2/\text{NDF}: 297.8/32$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392 ± 0.863 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: -5.471 ± 0.387 $\chi^2/\text{NDF}: 2542.1/14$

Right Out: -50.441 ± 0.857 $\chi^2/\text{NDF}: 1324.7/18$

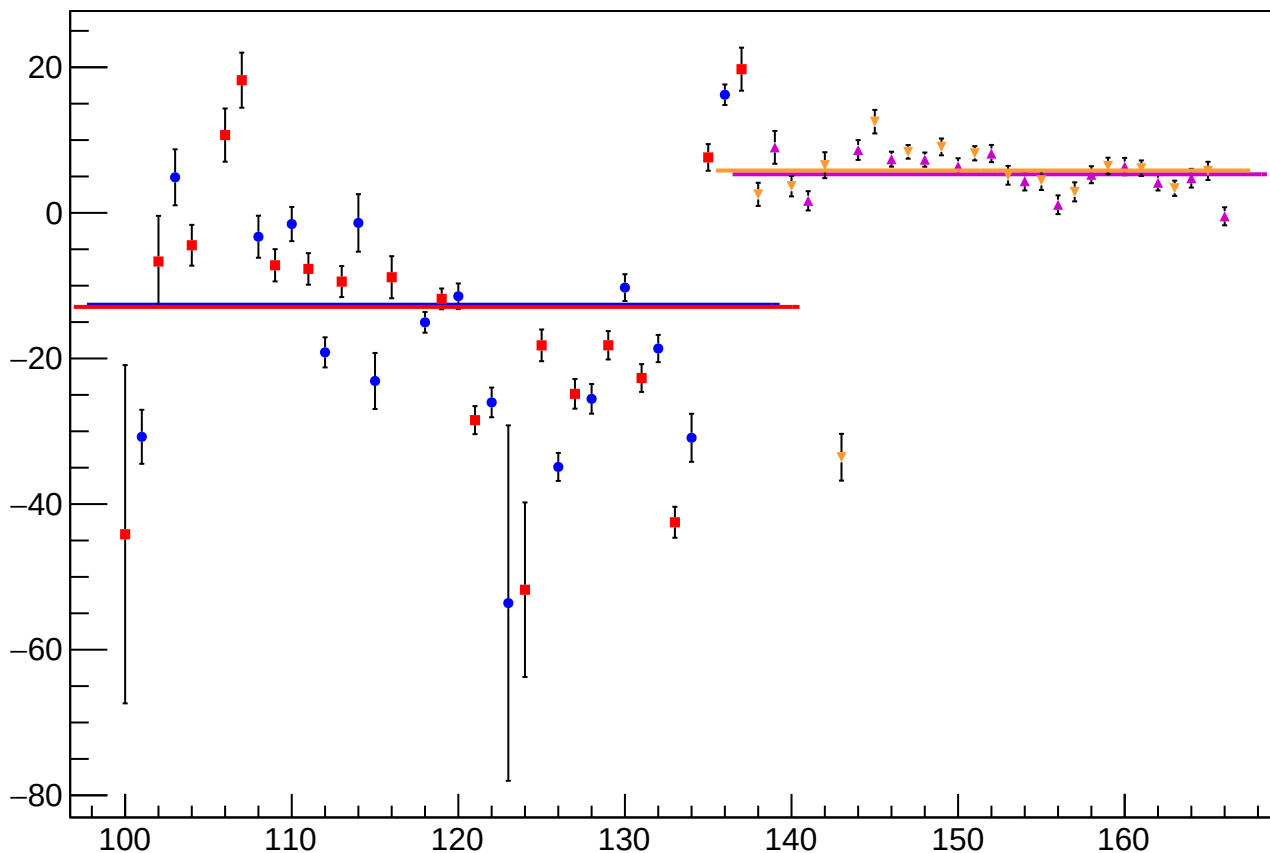
Left In: -4.434 ± 0.376 $\chi^2/\text{NDF}: 229.5/13$

+ sign -13.652 ± 0.353 $\chi^2/\text{NDF}: 6234.6/31$

All: -12.733 ± 0.246 $\chi^2/\text{NDF}: 10216.8/64$

- sign -11.857 ± 0.344 $\chi^2/\text{NDF}: 3969.0/32$

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: 5.824 ± 0.323 χ^2/NDF : 207.8/14

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

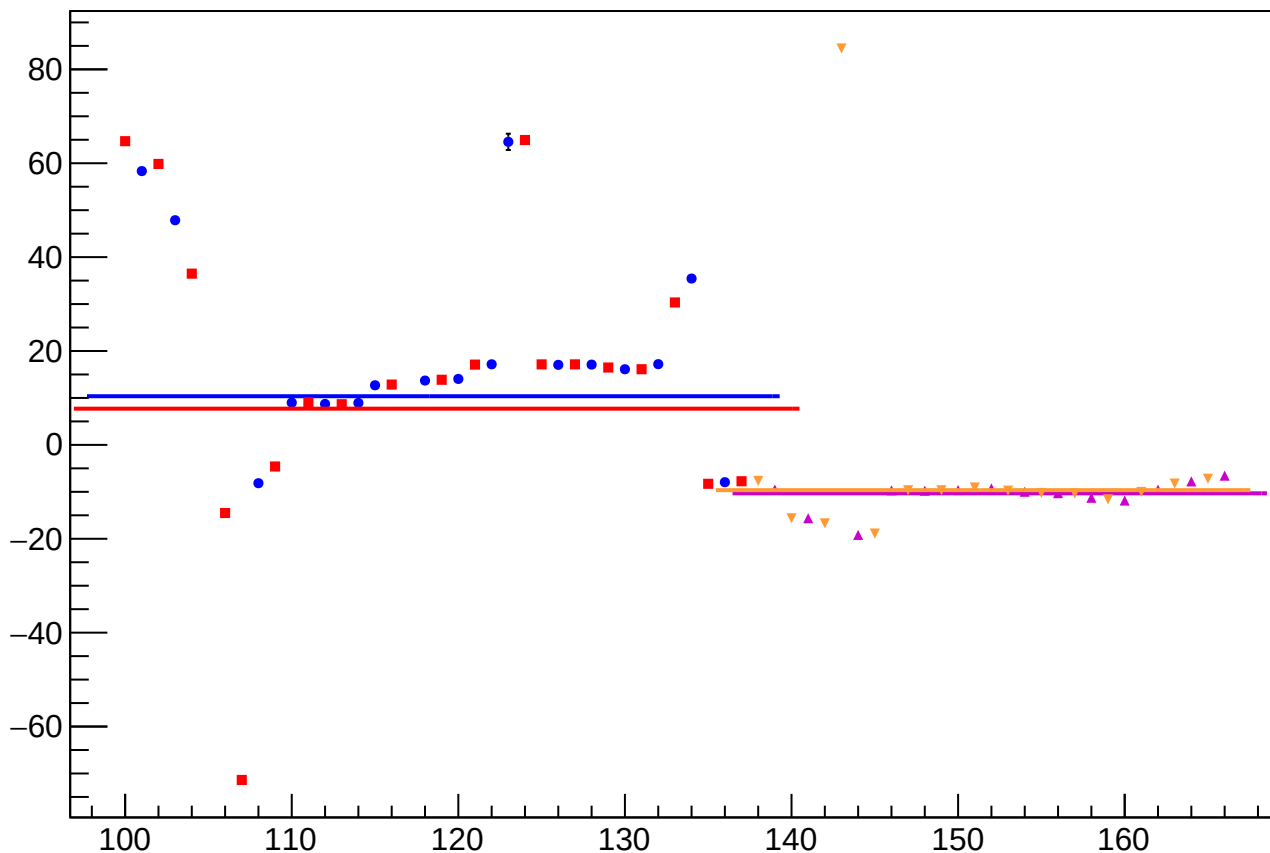
Left In: 5.300 ± 0.322 χ^2/NDF : 66.4/13

+ sign 0.838 ± 0.276 χ^2/NDF : 1878.6/31

All: 0.669 ± 0.195 χ^2/NDF : 3519.1/64

- sign 0.499 ± 0.276 χ^2/NDF : 1639.8/32

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366+/-0.031 χ^2/NDF : 381003.5/16

Left Out: -9.640+/-0.015 χ^2/NDF : 358868.8/14

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

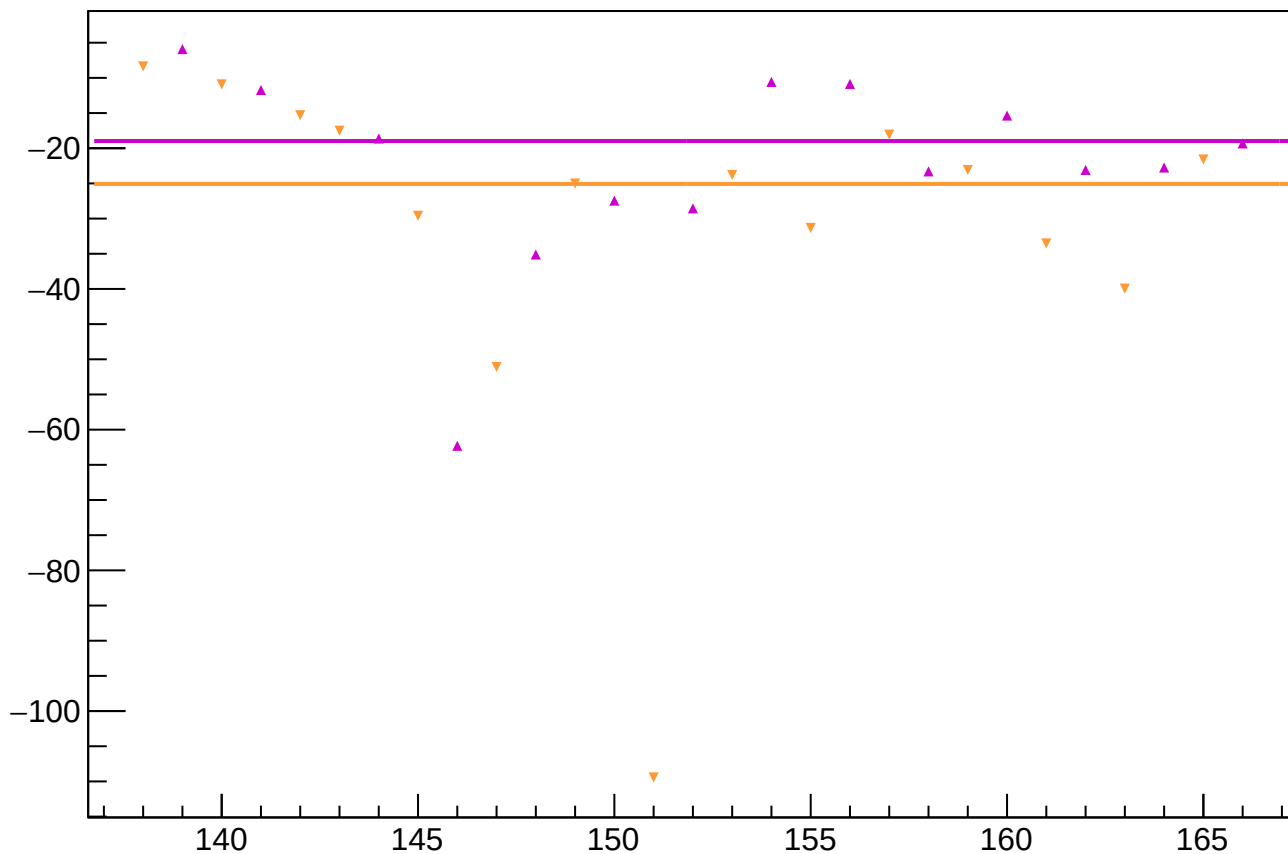
Left In: -10.316+/-0.015 χ^2/NDF : 28937.4/13

+ sign -5.687+/-0.014 χ^2/NDF : 1084275.8/31

All: -6.351+/-0.010 χ^2/NDF : 1934742.0/64

- sign -6.999+/-0.013 χ^2/NDF : 845736.2/32

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -25.075±/-0.065 χ^2/NDF : 56717.8/14

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

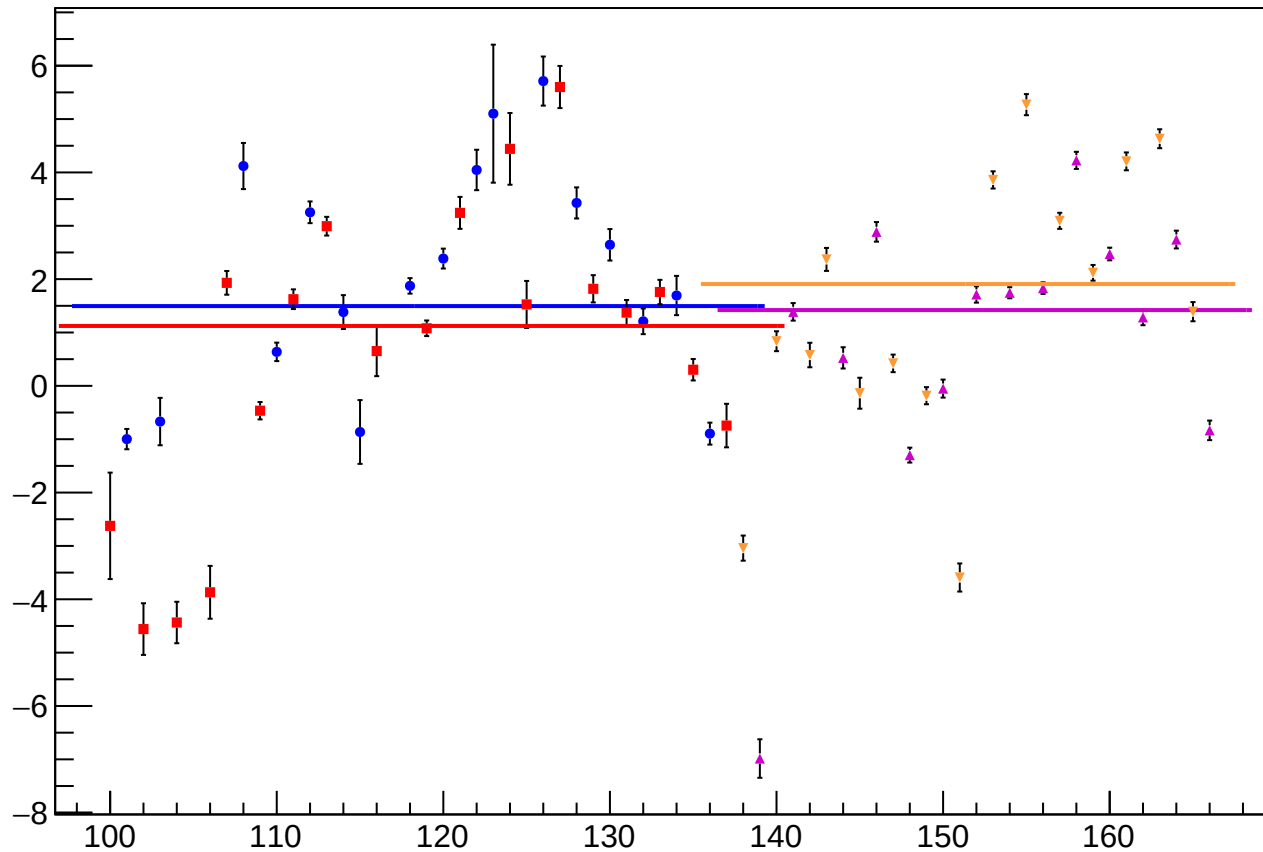
Left In: -18.978±/-0.055 χ^2/NDF : 37855.3/13

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -21.519±/-0.042 χ^2/NDF : 99651.0/28

- 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: 1.908 ± 0.048 χ^2/NDF : 2182.4/14

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

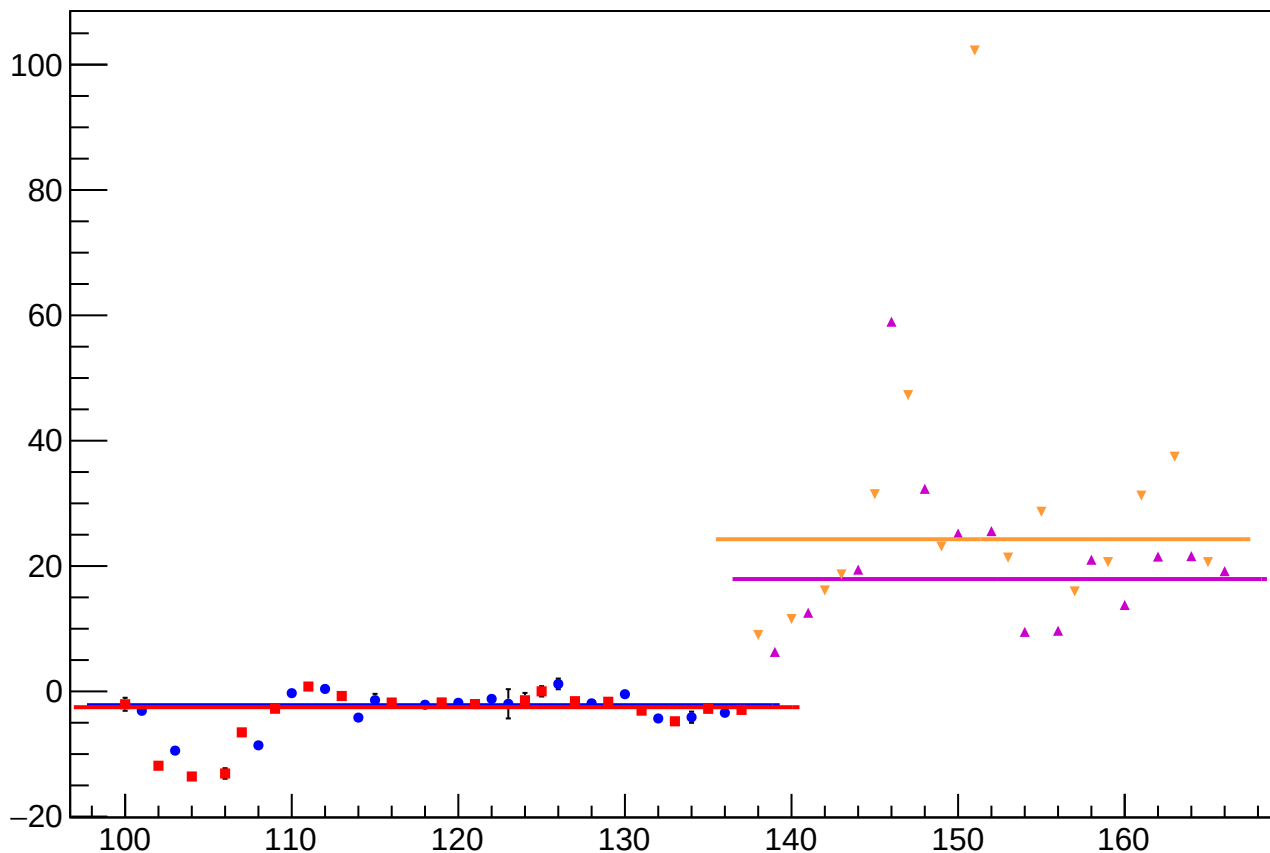
Left In: 1.420 ± 0.040 χ^2/NDF : 1707.7/13

+ sign 1.752 ± 0.038 χ^2/NDF : 2919.8/31

All: 1.511 ± 0.025 χ^2/NDF : 5664.9/64

- sign 1.325 ± 0.033 χ^2/NDF : 2671.9/32

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 24.278 ± 0.064 χ^2/NDF : 50830.3/14

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

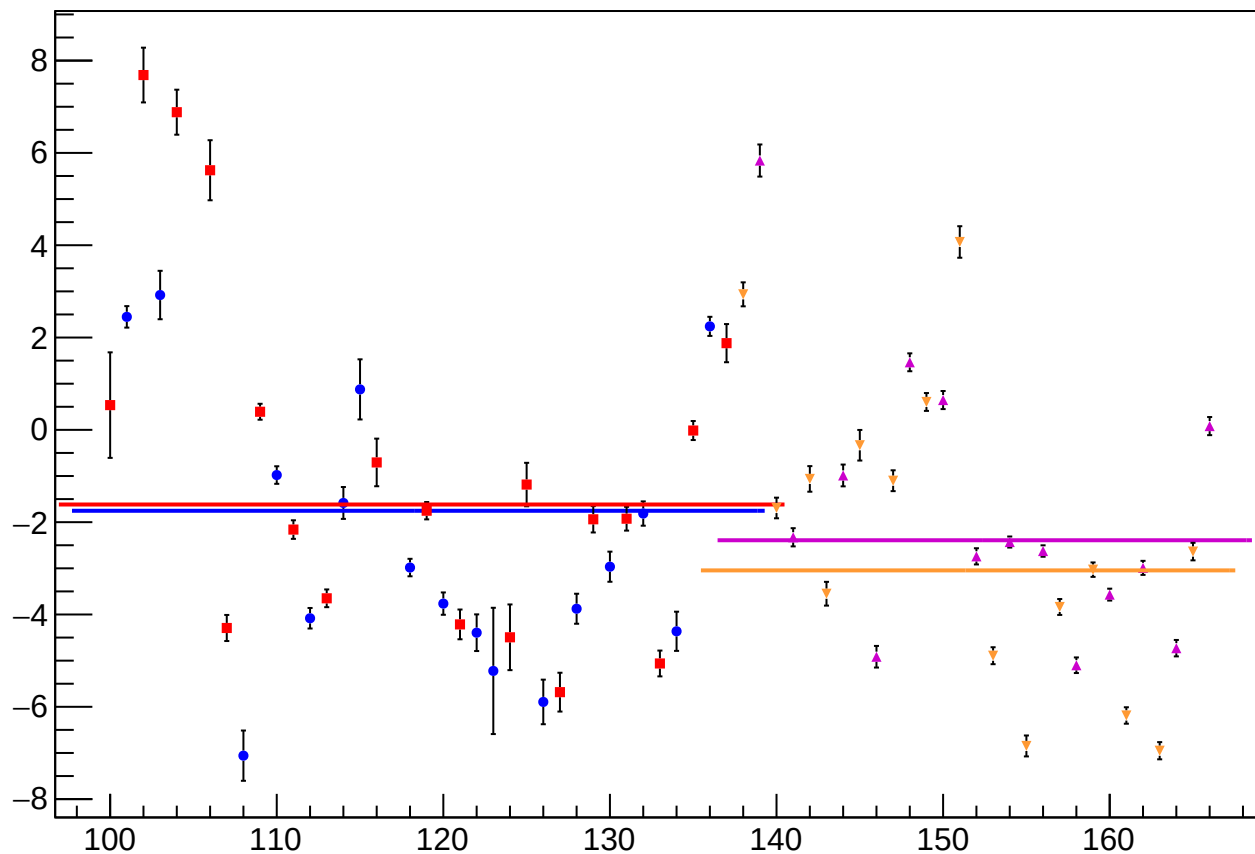
Left In: 17.925 ± 0.053 χ^2/NDF : 35752.0/13

+ sign 17.646 ± 0.055 χ^2/NDF : 94263.0/31

All: 15.135 ± 0.036 χ^2/NDF : 167555.9/64

- sign 13.332 ± 0.047 χ^2/NDF : 69755.7/32

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -3.045 ± 0.054 χ^2/NDF : 2711.3/14

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

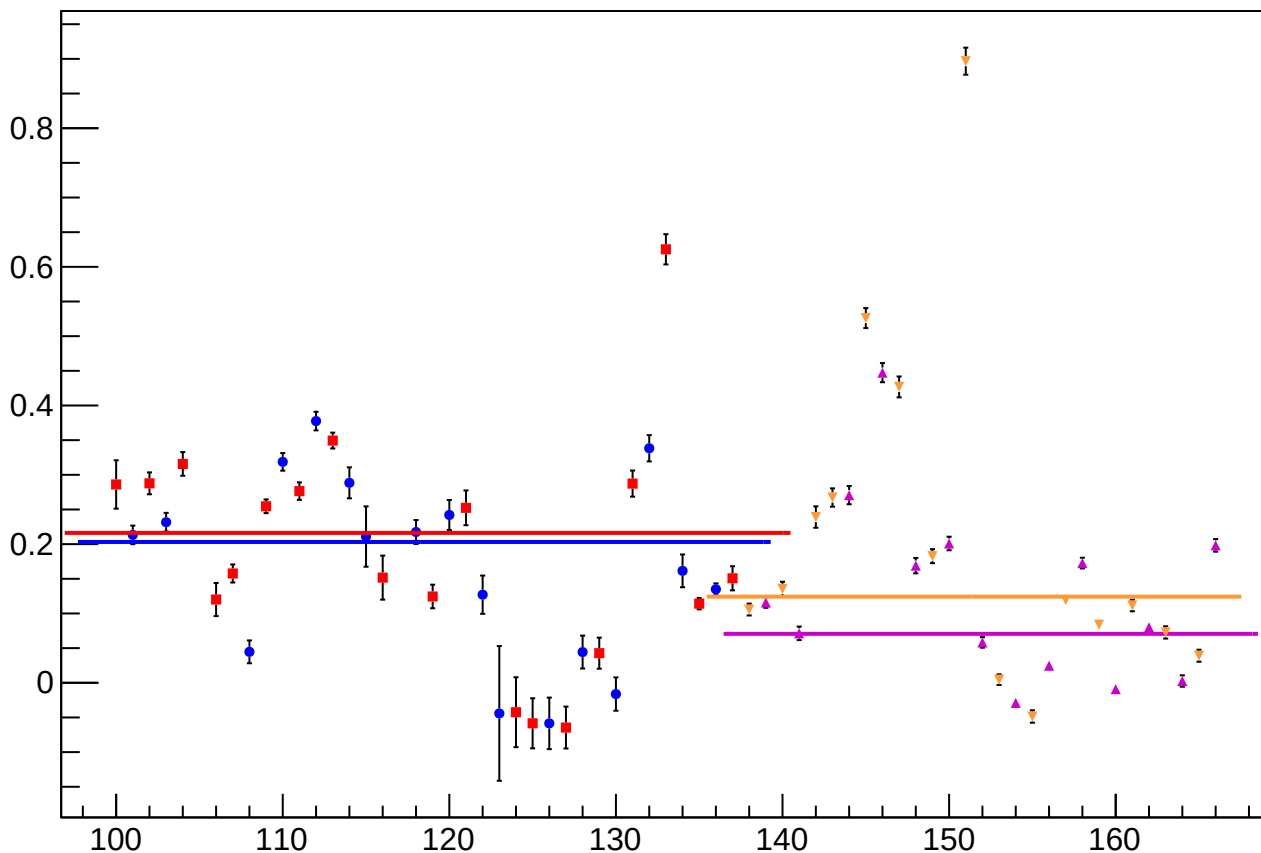
Left In: -2.392 ± 0.045 χ^2/NDF : 2042.0/13

+ sign -2.562 ± 0.043 χ^2/NDF : 4267.7/31

All: -2.322 ± 0.028 χ^2/NDF : 7945.7/64

- sign -2.142 ± 0.037 χ^2/NDF : 3623.7/32

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.124 ± 0.002 χ^2/NDF : 3731.7/14

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

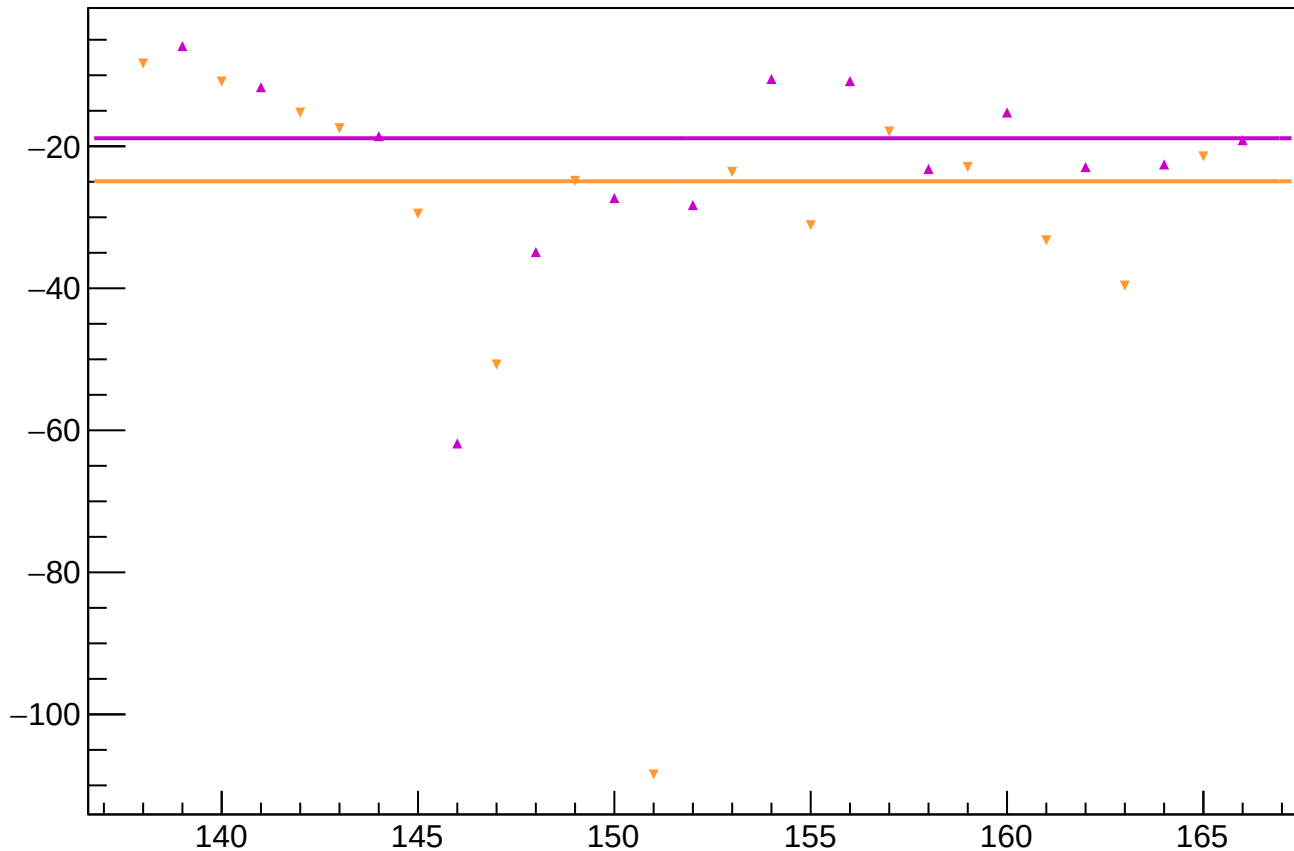
Left In: 0.071 ± 0.002 χ^2/NDF : 2390.0/13

+ sign 0.145 ± 0.002 χ^2/NDF : 4678.5/31

All: 0.120 ± 0.001 χ^2/NDF : 9567.5/64

- sign 0.103 ± 0.002 χ^2/NDF : 4661.6/32

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -24.924+/-0.065 χ^2/NDF : 56532.5/14

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

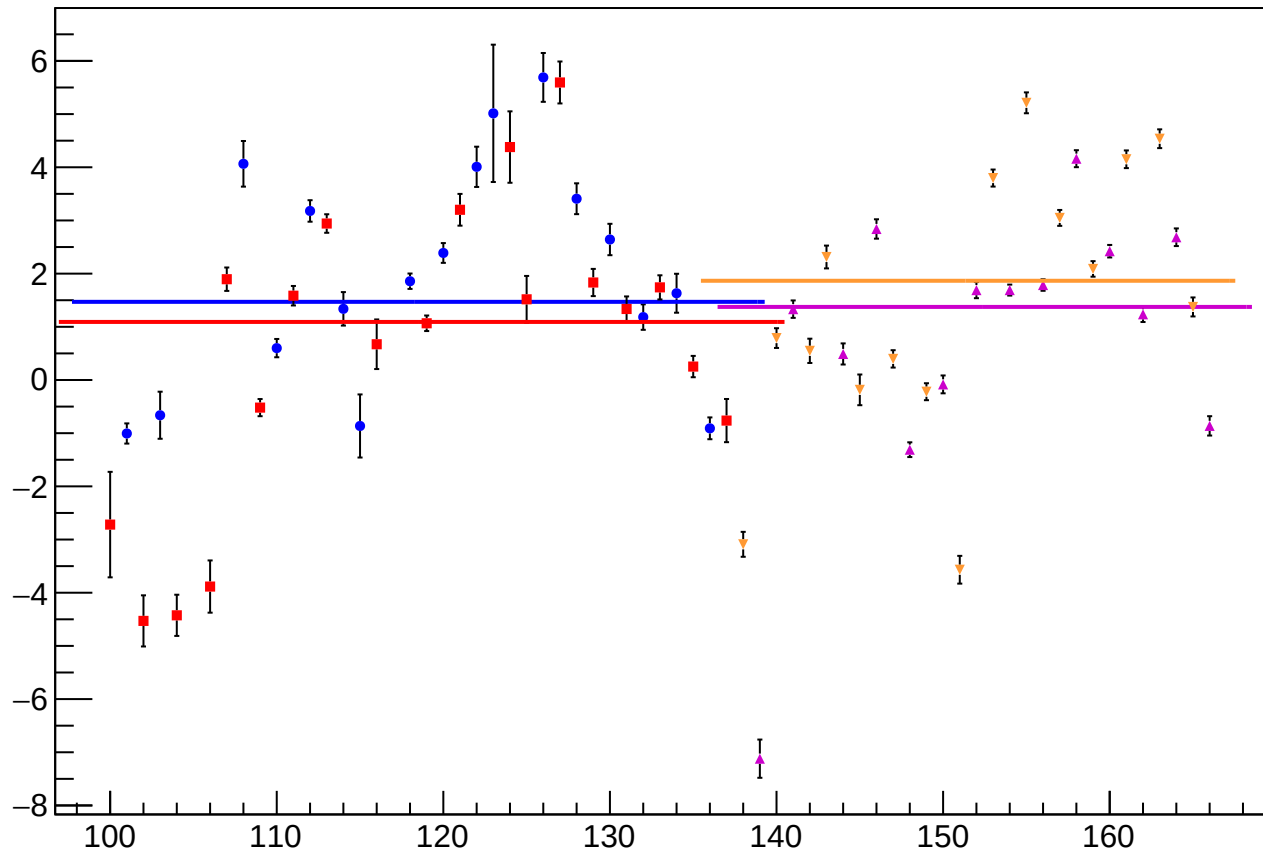
Left In: -18.869+/-0.055 χ^2/NDF : 37766.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.392+/-0.042 χ^2/NDF : 99367.5/28

- 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: 1.866 $\pm$ 0.047 χ^2/NDF : 2181.2/14

Right Out: 1.092 $\pm$ 0.058 χ^2/NDF : 952.1/18

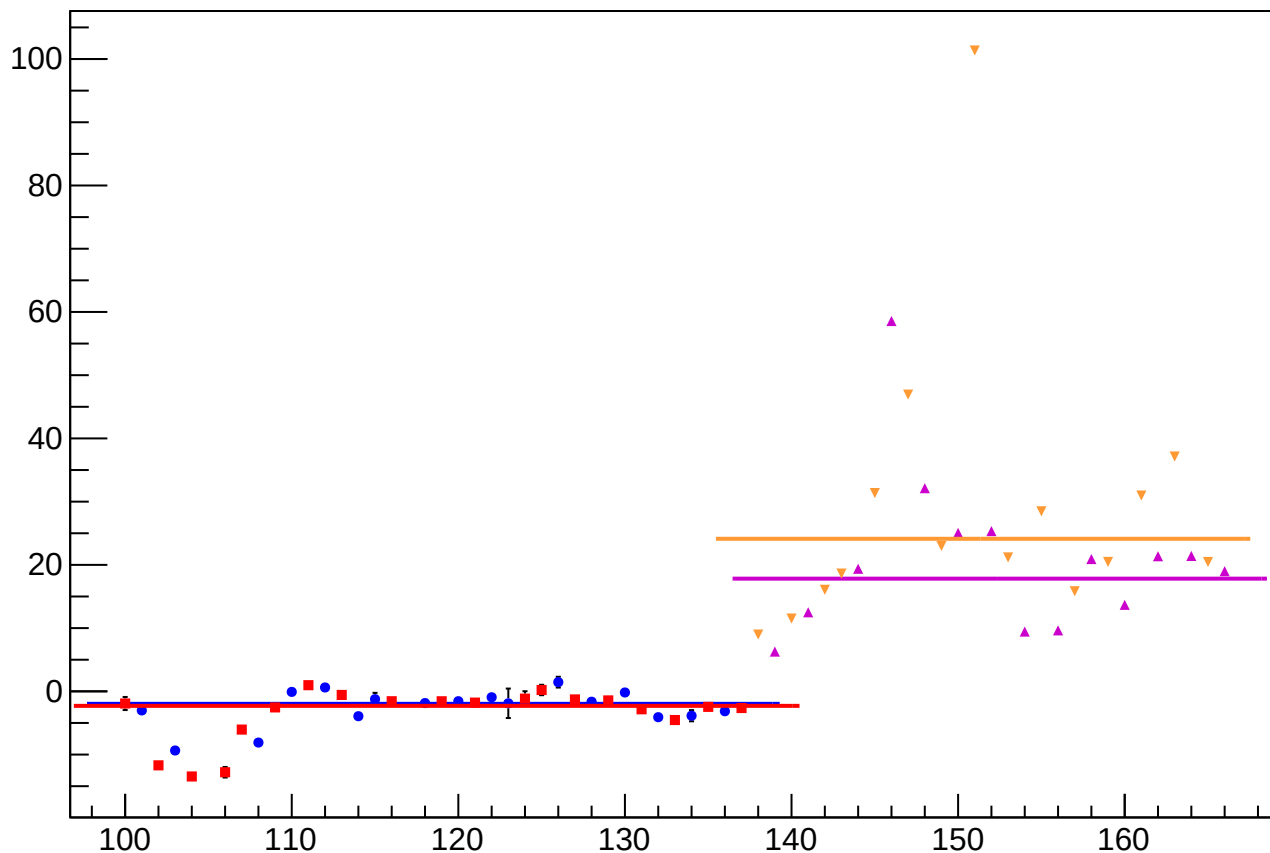
Left In: 1.374 $\pm$ 0.040 χ^2/NDF : 1719.7/13

+ sign 1.717 $\pm$ 0.037 χ^2/NDF : 2915.5/31

All: 1.472 $\pm$ 0.025 χ^2/NDF : 5679.5/64

- sign 1.284 $\pm$ 0.033 χ^2/NDF : 2688.0/32

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 24.126 ± 0.064 χ^2/NDF : 50692.2/14

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

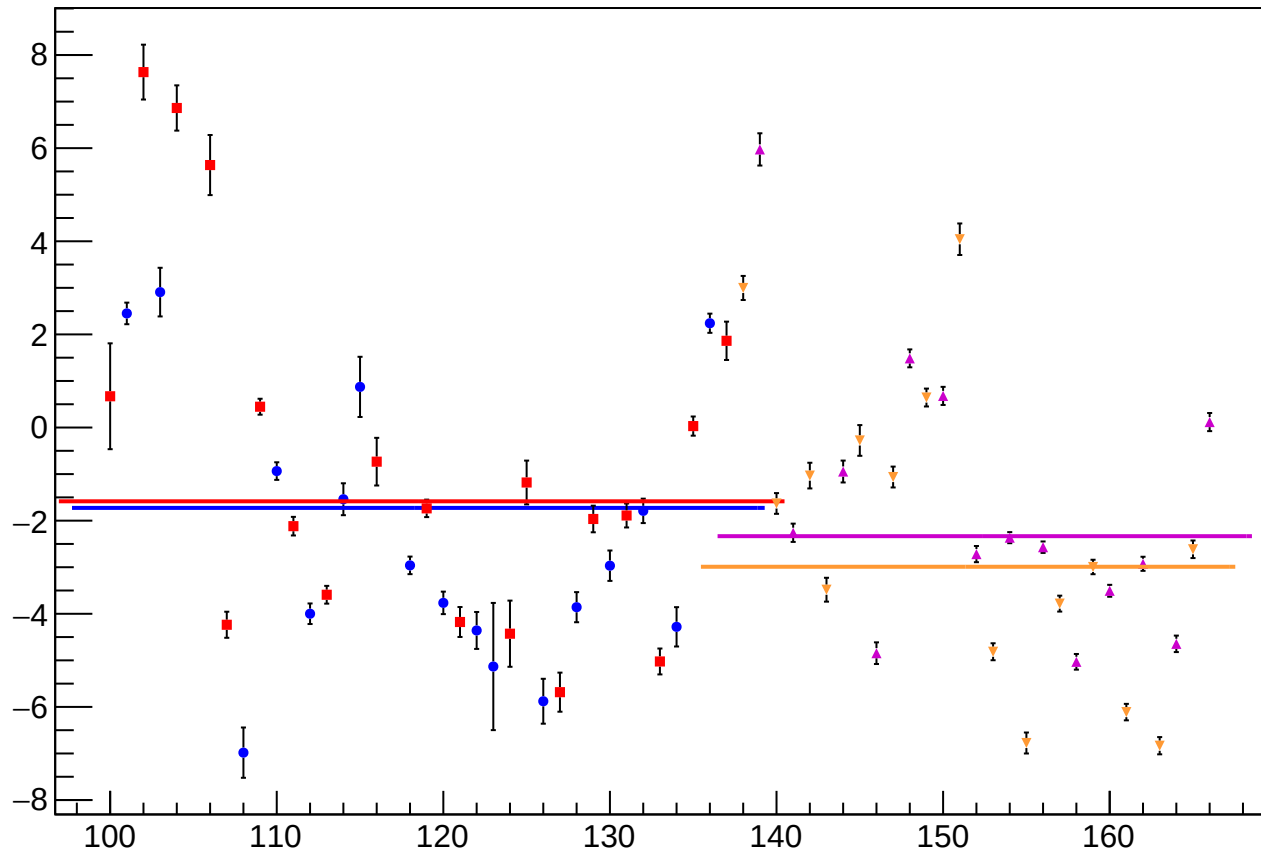
Left In: 17.822 ± 0.053 χ^2/NDF : 35676.8/13

+ sign 17.603 ± 0.055 χ^2/NDF : 93363.5/31

All: 15.104 ± 0.036 χ^2/NDF : 165891.6/64

- sign 13.309 ± 0.047 χ^2/NDF : 68983.5/32

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -2.990 ± 0.054 χ^2/NDF : 2708.8/14

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

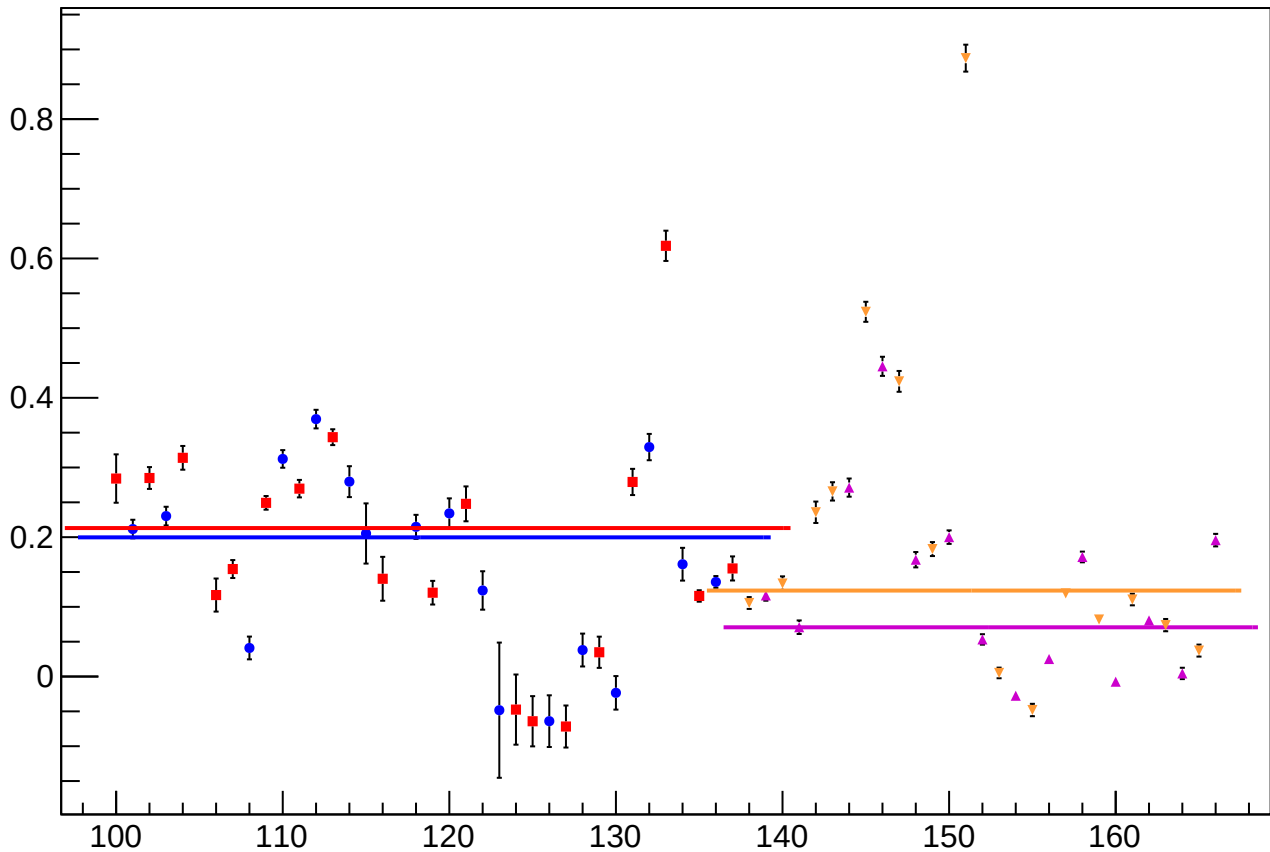
Left In: -2.333 ± 0.045 χ^2/NDF : 2055.5/13

+ sign -2.518 ± 0.043 χ^2/NDF : 4254.9/31

All: -2.275 ± 0.028 χ^2/NDF : 7948.8/64

- sign -2.092 ± 0.037 χ^2/NDF : 3637.2/32

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 ± 0.004 χ^2/NDF : 662.5/16

Left Out: 0.123 ± 0.002 χ^2/NDF : 3726.6/14

Right Out: 0.213 ± 0.004 χ^2/NDF : 1050.9/18

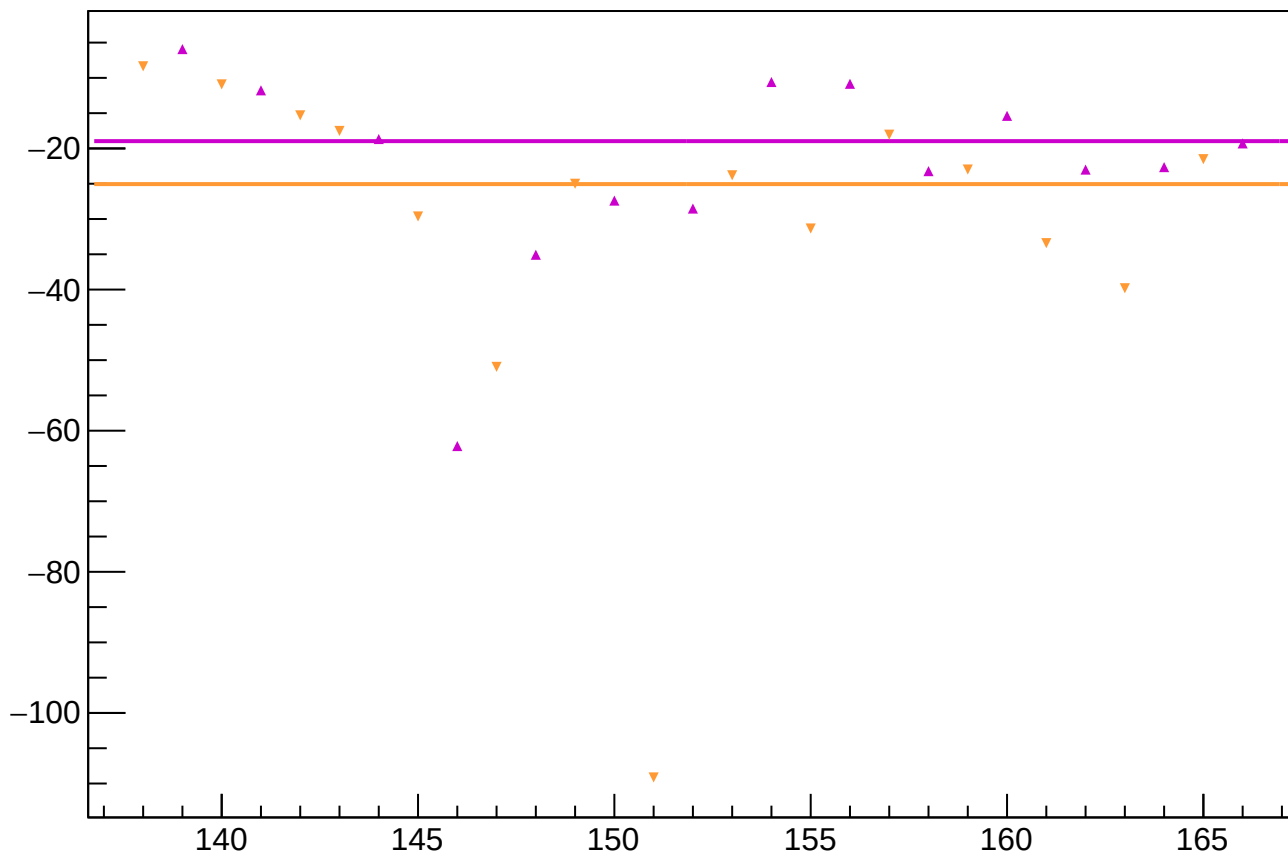
Left In: 0.071 ± 0.002 χ^2/NDF : 2376.3/13

+ sign 0.143 ± 0.002 χ^2/NDF : 4644.4/31

All: 0.119 ± 0.001 χ^2/NDF : 9456.6/64

- sign 0.103 ± 0.002 χ^2/NDF : 4591.5/32

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -25.053+/-0.065 χ^2/NDF : 56660.3/14

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

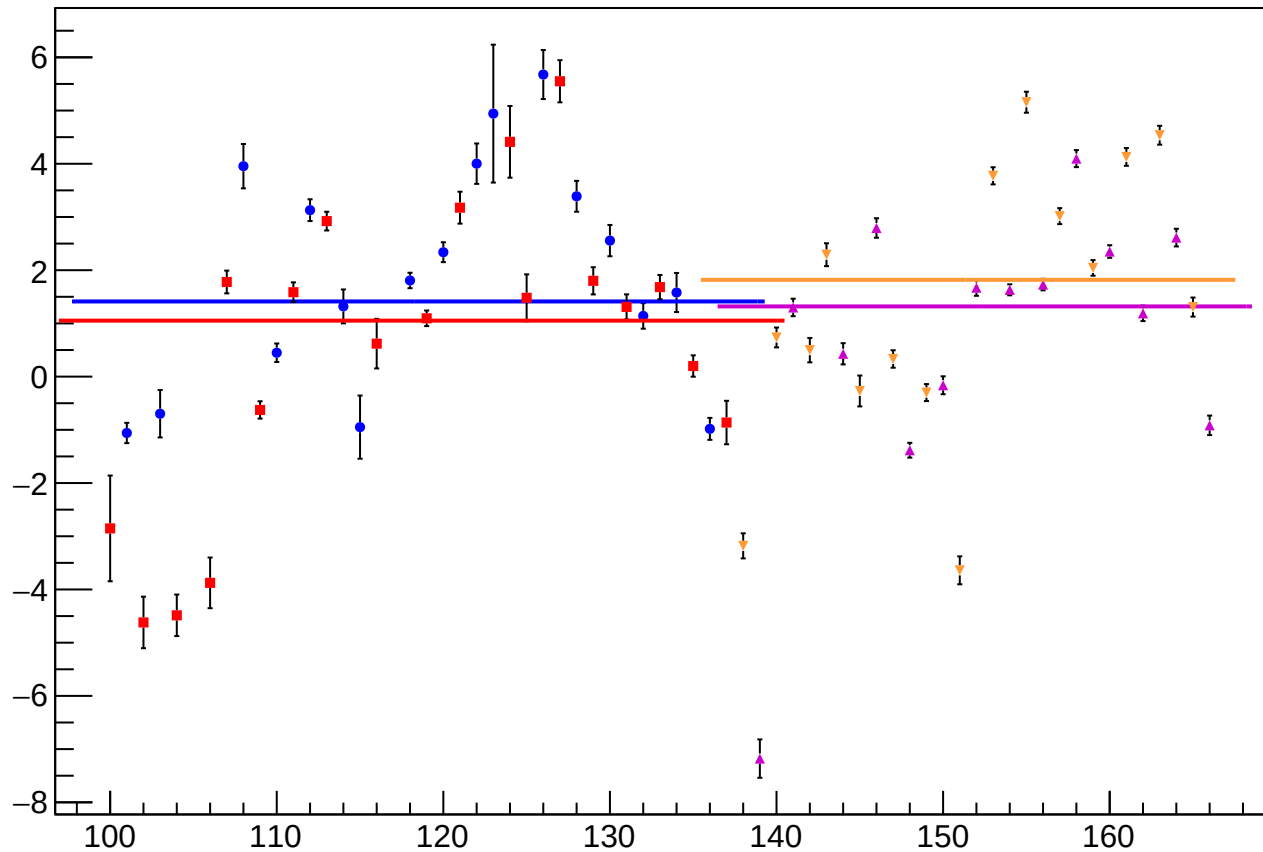
Left In: -18.964+/-0.055 χ^2/NDF : 37824.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.500+/-0.042 χ^2/NDF : 99570.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 $\pm$ 0.061 χ^2/NDF : 713.9/16

Left Out: 1.819 $\pm$ 0.047 χ^2/NDF : 2200.2/14

Right Out: 1.052 $\pm$ 0.058 χ^2/NDF : 963.3/18

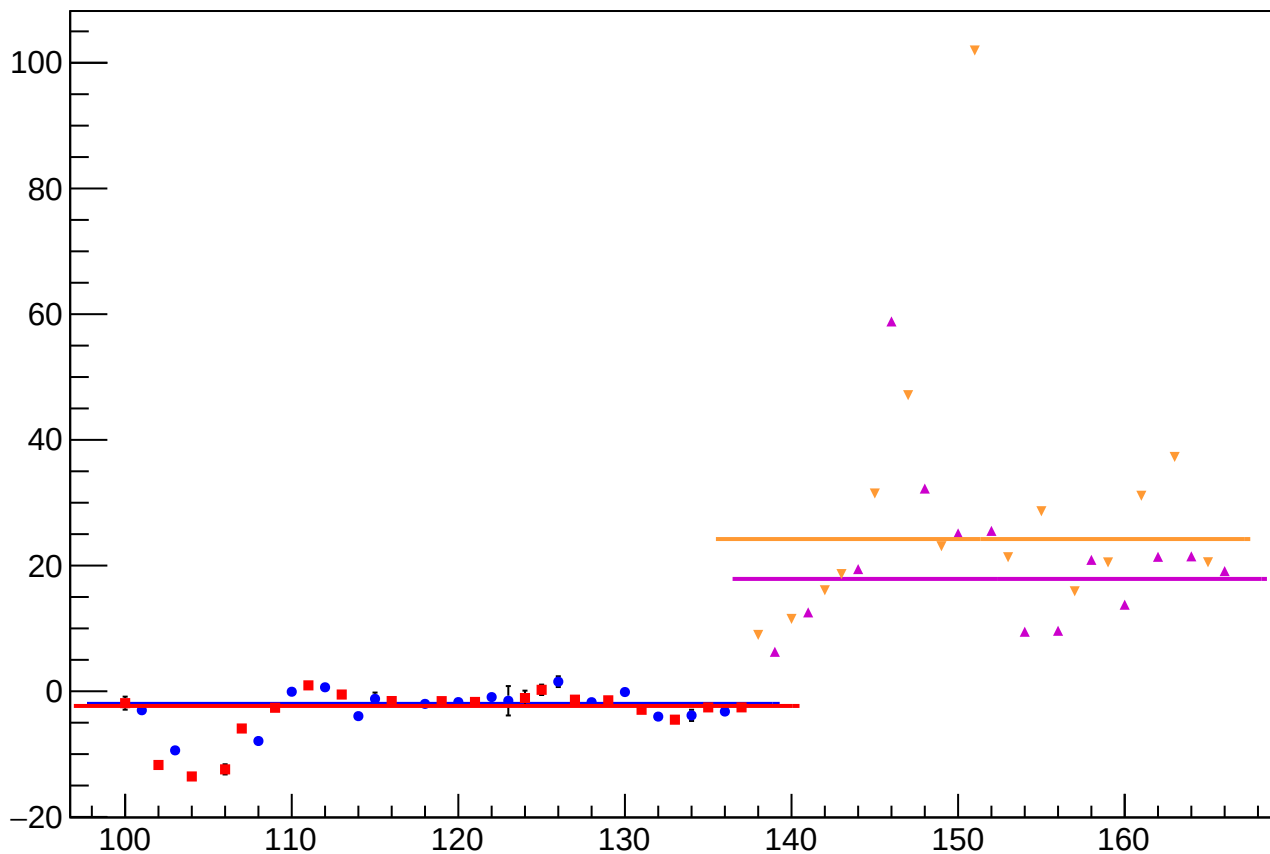
Left In: 1.319 $\pm$ 0.040 χ^2/NDF : 1709.2/13

+ sign 1.666 $\pm$ 0.037 χ^2/NDF : 2941.7/31

All: 1.422 $\pm$ 0.025 χ^2/NDF : 5703.9/64

- sign 1.234 $\pm$ 0.033 χ^2/NDF : 2687.0/32

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 24.220 ± 0.064 χ^2/NDF : 50801.2/14

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

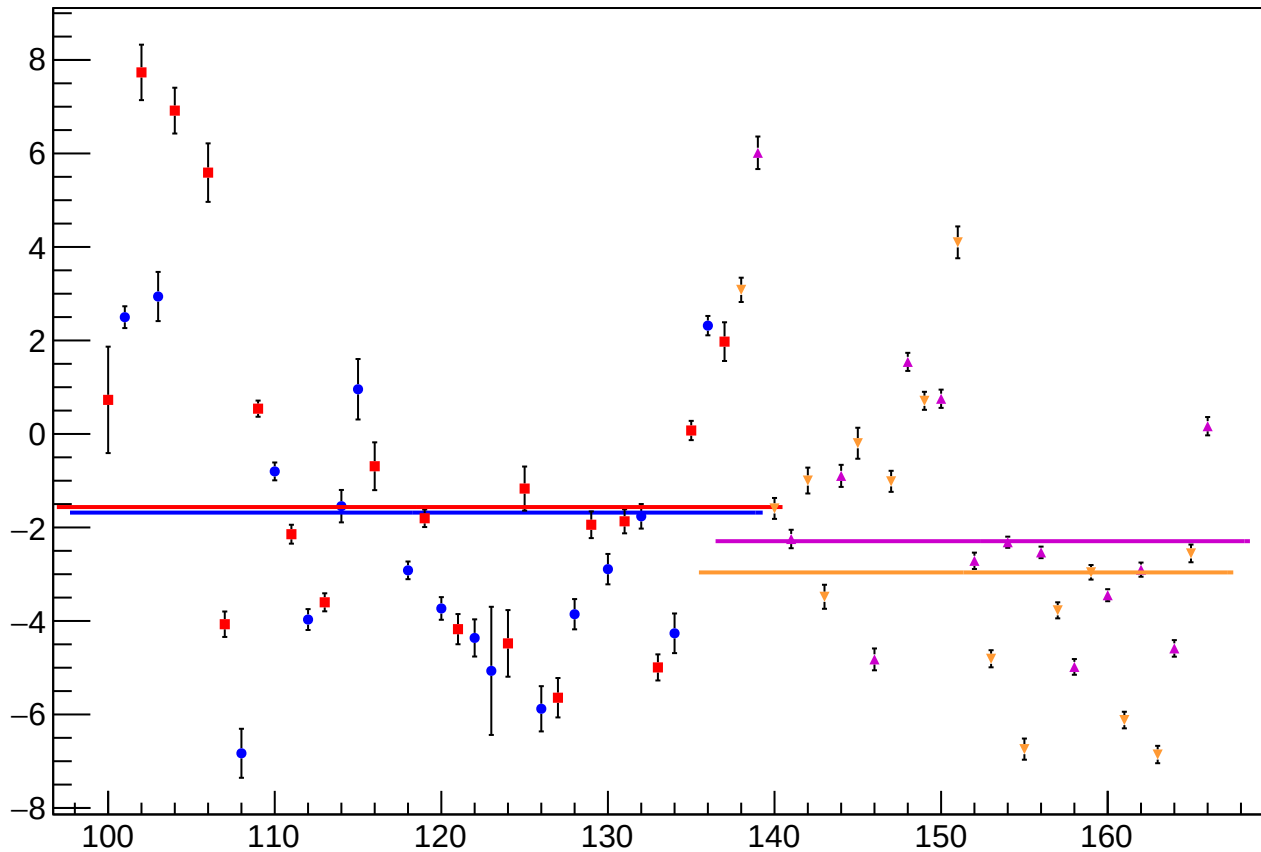
Left In: 17.876 ± 0.053 χ^2/NDF : 35747.0/13

+ sign 17.677 ± 0.055 χ^2/NDF : 93448.2/31

All: 15.158 ± 0.036 χ^2/NDF : 166073.2/64

- sign 13.350 ± 0.047 χ^2/NDF : 69054.4/32

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: -2.962 $\pm$ 0.054 χ^2/NDF : 2734.2/14

Right Out: -1.563 $\pm$ 0.066 χ^2/NDF : 1504.7/18

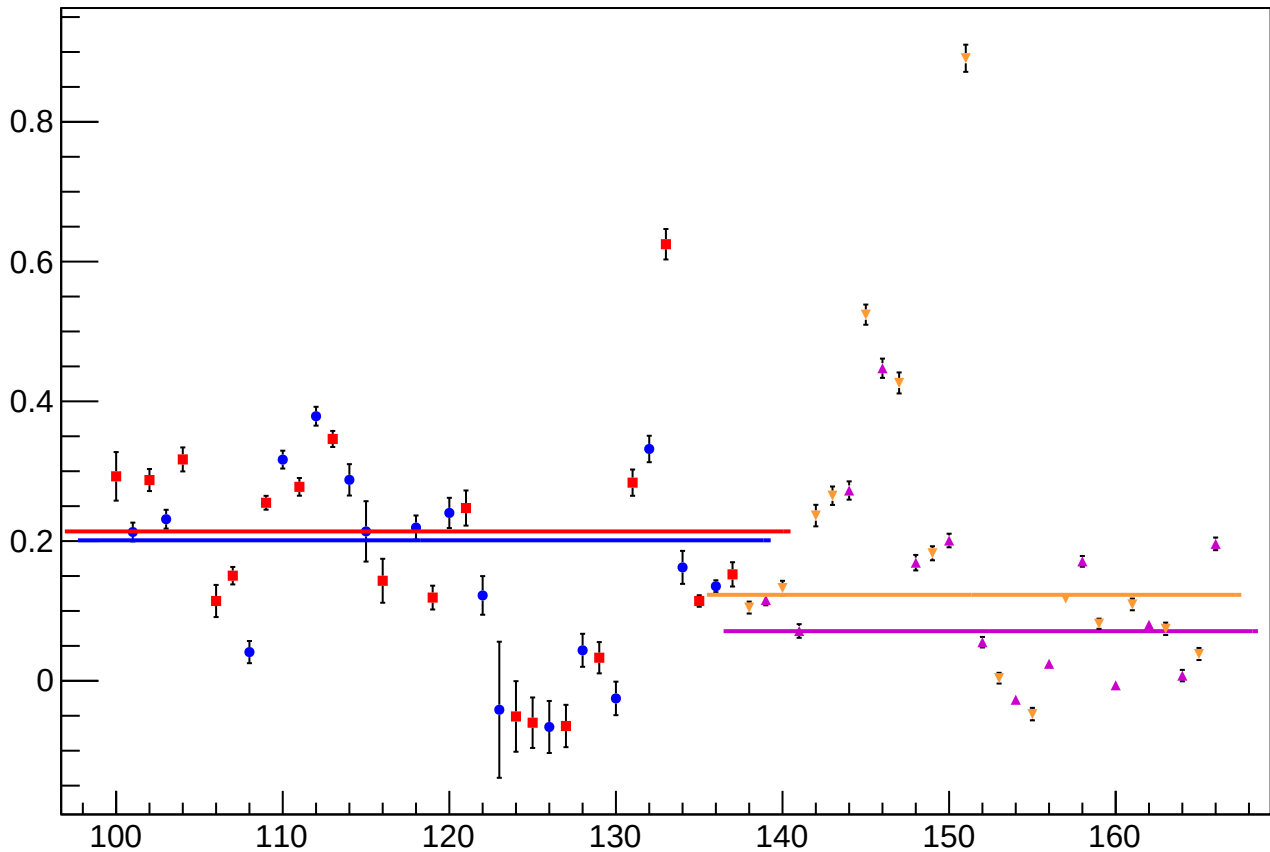
Left In: -2.293 $\pm$ 0.045 χ^2/NDF : 2046.1/13

+ sign -2.485 $\pm$ 0.043 χ^2/NDF : 4289.8/31

All: -2.242 $\pm$ 0.028 χ^2/NDF : 7980.8/64

- sign -2.059 $\pm$ 0.037 χ^2/NDF : 3634.8/32

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.123 ± 0.002 χ^2/NDF : 3714.1/14

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

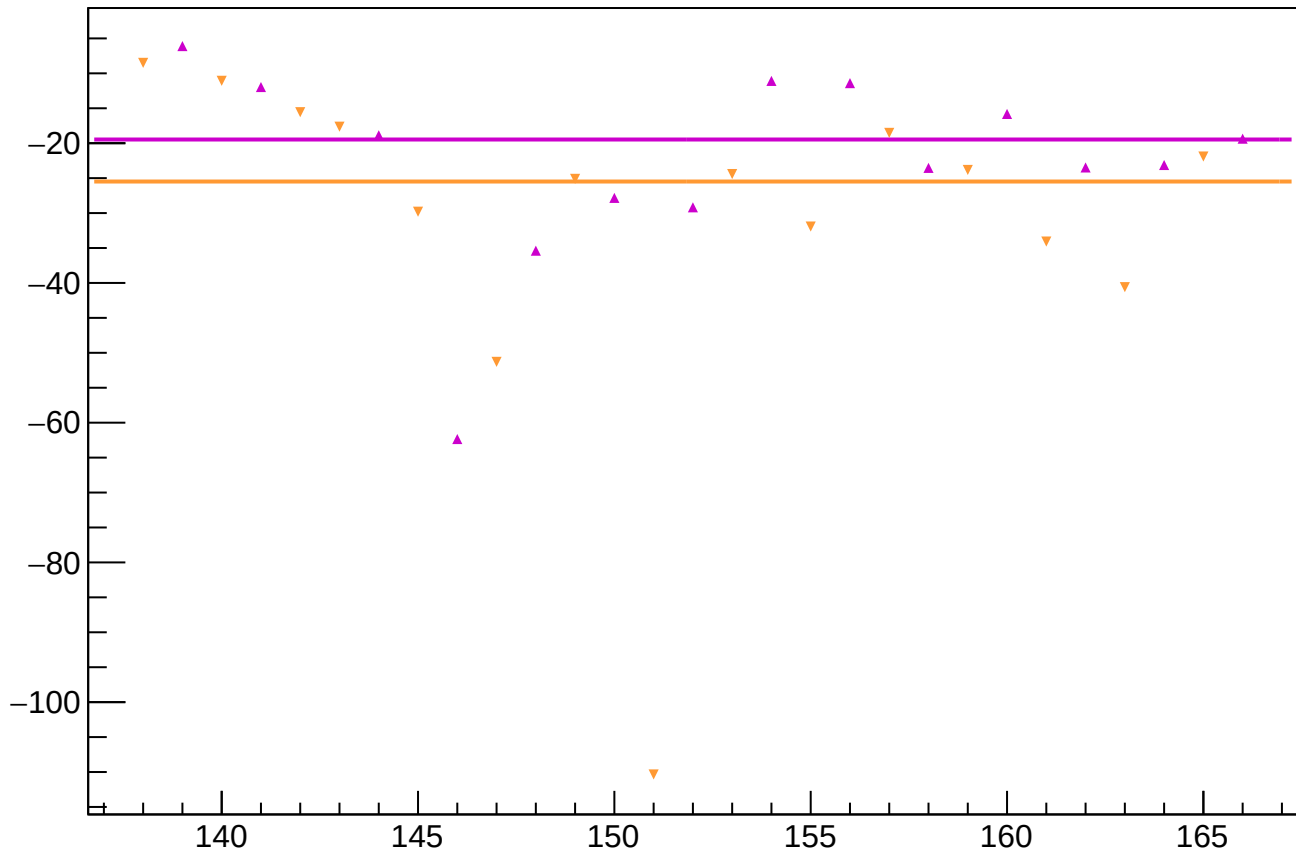
Left In: 0.071 ± 0.002 χ^2/NDF : 2358.5/13

+ sign 0.143 ± 0.002 χ^2/NDF : 4669.7/31

All: 0.120 ± 0.001 χ^2/NDF : 9490.4/64

- sign 0.103 ± 0.002 χ^2/NDF : 4606.1/32

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -25.483+/-0.066 χ^2/NDF : 56583.9/14

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

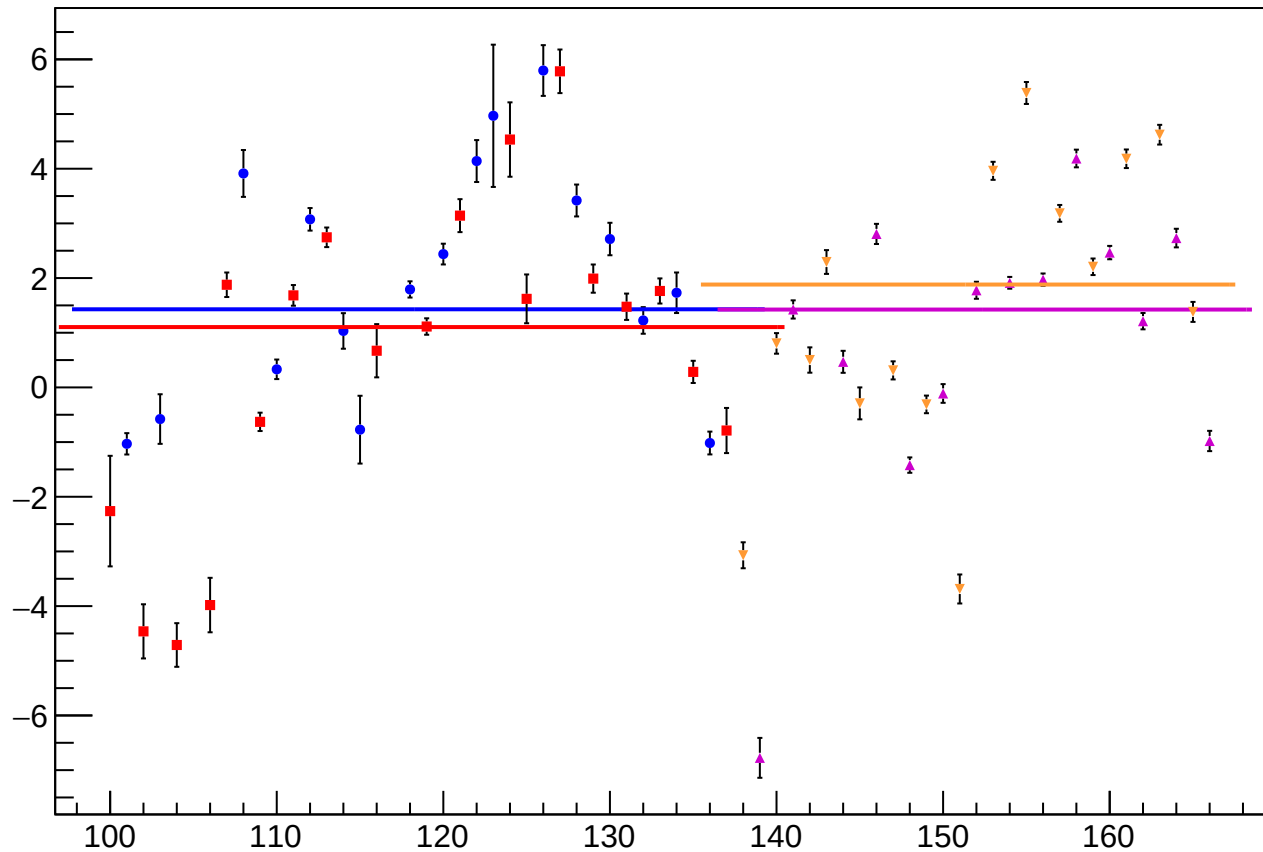
Left In: -19.471+/-0.056 χ^2/NDF : 36703.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.994+/-0.043 χ^2/NDF : 98057.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 ± 0.062 χ^2/NDF : 711.4/16

Left Out: 1.881 ± 0.048 χ^2/NDF : 2238.6/14

Right Out: 1.104 ± 0.059 χ^2/NDF : 936.5/18

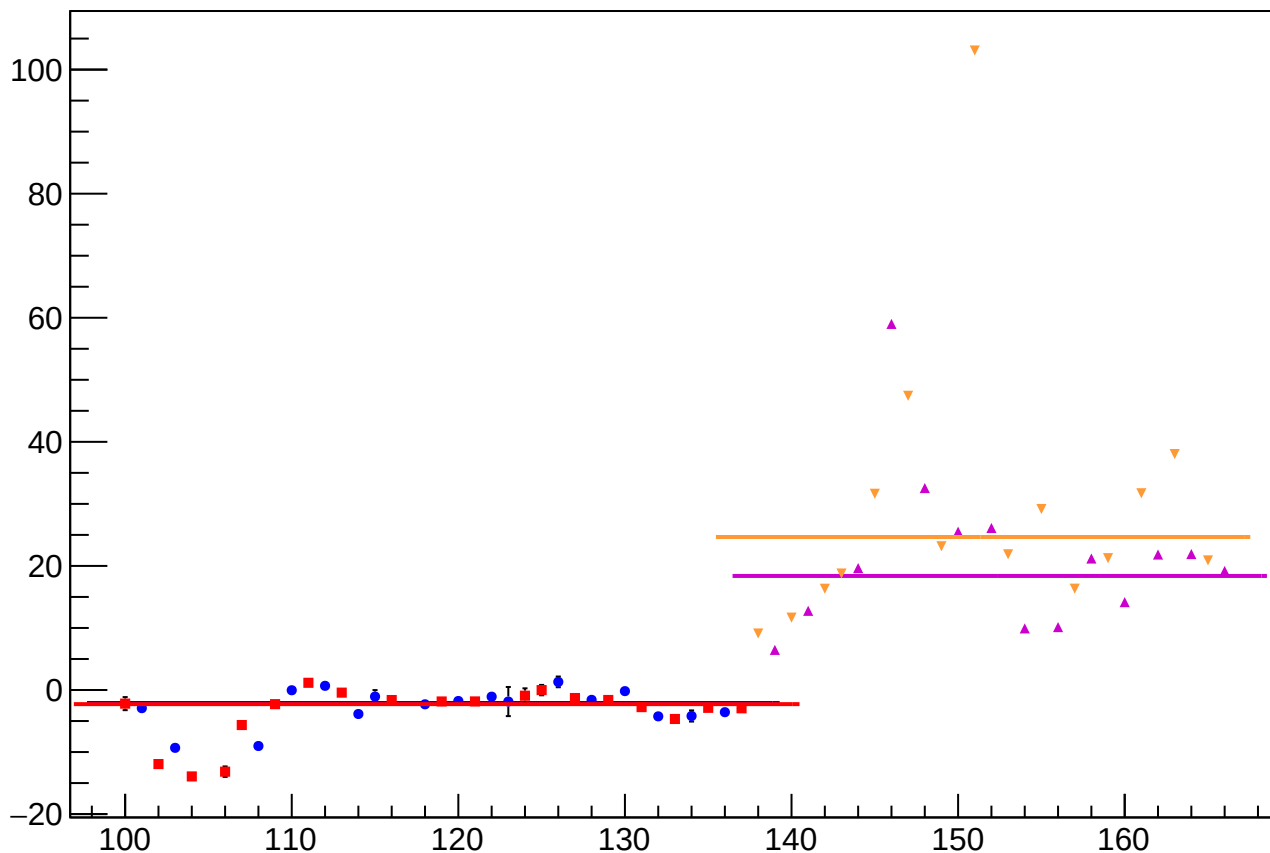
Left In: 1.424 ± 0.041 χ^2/NDF : 1715.5/13

+ sign 1.711 ± 0.038 χ^2/NDF : 2983.1/31

All: 1.492 ± 0.025 χ^2/NDF : 5714.0/64

- sign 1.321 ± 0.034 χ^2/NDF : 2671.9/32

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 24.663 ± 0.065 χ^2/NDF : 50580.3/14

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

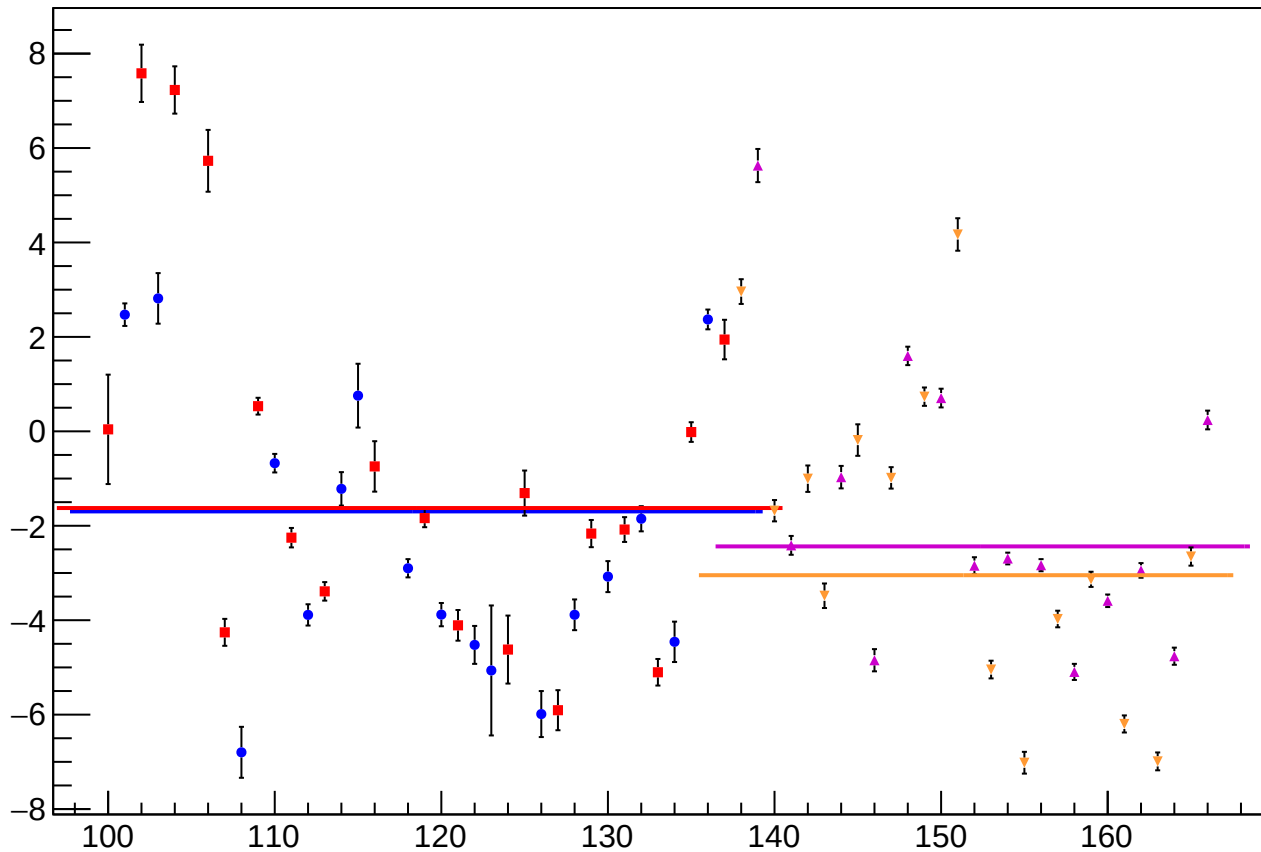
Left In: 18.384 ± 0.054 χ^2/NDF : 34509.4/13

+ sign 17.990 ± 0.056 χ^2/NDF : 93458.1/31

All: 15.525 ± 0.036 χ^2/NDF : 164632.2/64

- sign 13.735 ± 0.048 χ^2/NDF : 67857.3/32

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 $\pm$ 0.072 χ^2/NDF : 1333.3/16

Left Out: -3.047 $\pm$ 0.055 χ^2/NDF : 2771.9/14

Right Out: -1.624 $\pm$ 0.067 χ^2/NDF : 1467.3/18

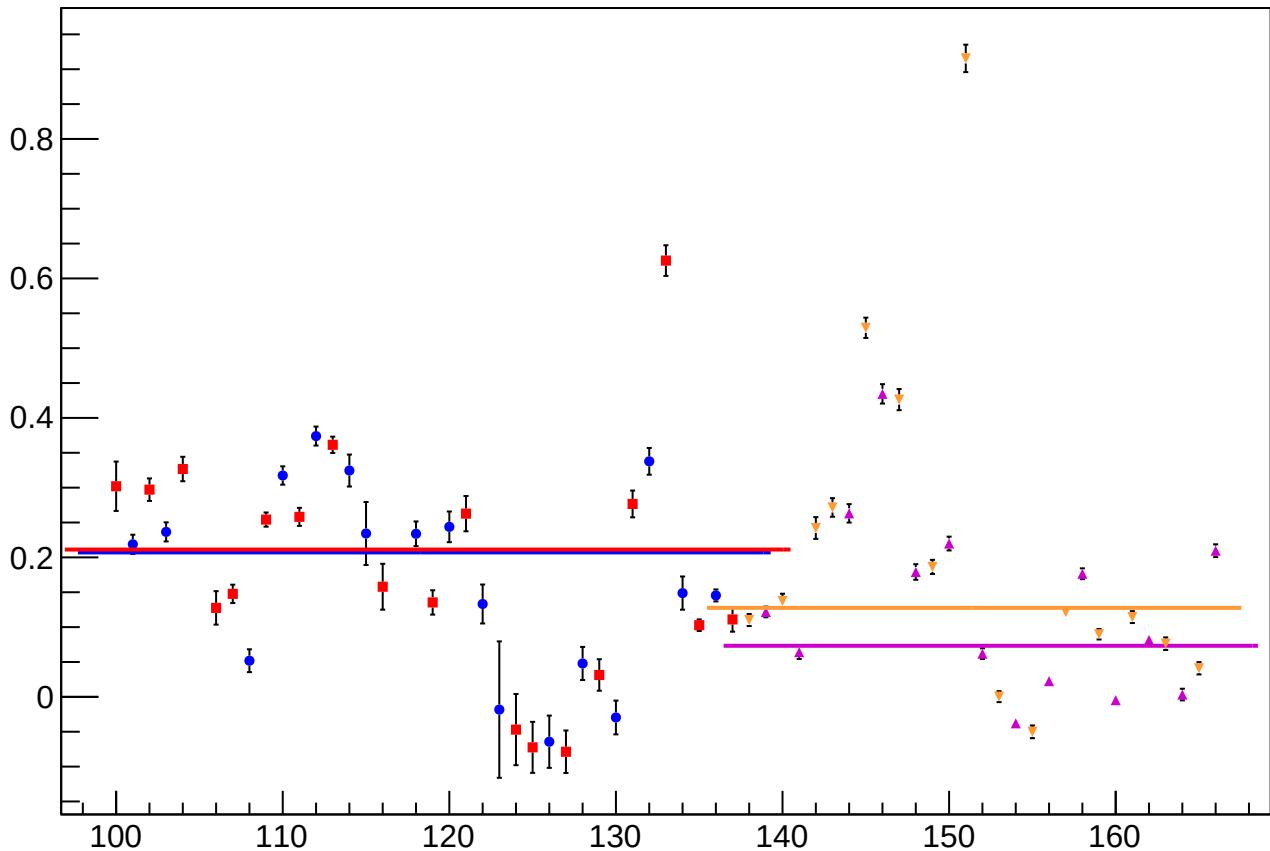
Left In: -2.437 $\pm$ 0.046 χ^2/NDF : 2041.8/13

+ sign -2.543 $\pm$ 0.044 χ^2/NDF : 4328.9/31

All: -2.334 $\pm$ 0.029 χ^2/NDF : 7978.2/64

- sign -2.174 $\pm$ 0.038 χ^2/NDF : 3608.7/32

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: 0.128 $\pm$ 0.002 χ^2/NDF : 3764.7/14

Right Out: 0.211 $\pm$ 0.004 χ^2/NDF : 1145.7/18

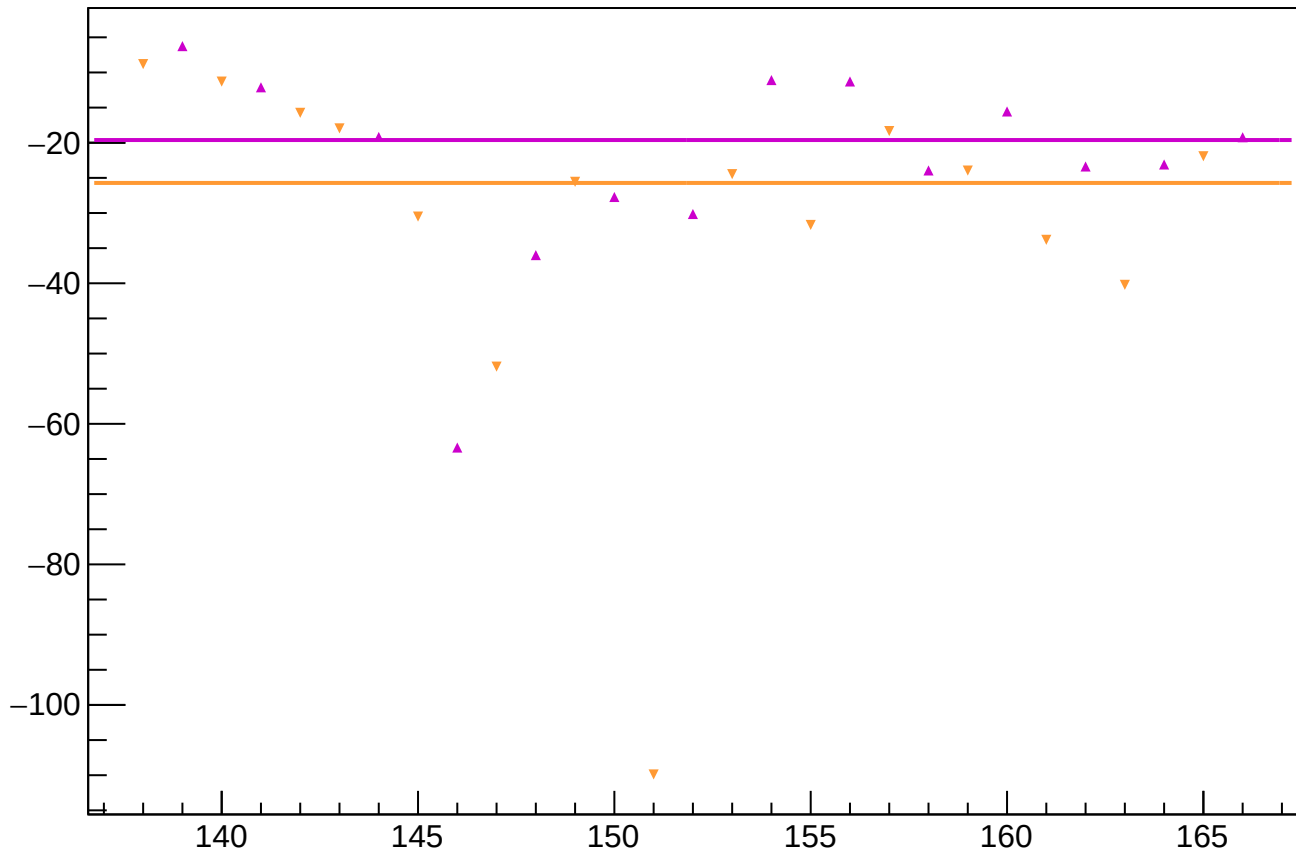
Left In: 0.073 $\pm$ 0.002 χ^2/NDF : 2437.7/13

+ sign 0.148 $\pm$ 0.002 χ^2/NDF : 4685.9/31

All: 0.123 $\pm$ 0.001 χ^2/NDF : 9555.7/64

- sign 0.105 $\pm$ 0.002 χ^2/NDF : 4625.2/32

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -25.720+/-0.067 χ^2/NDF : 55338.7/14

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

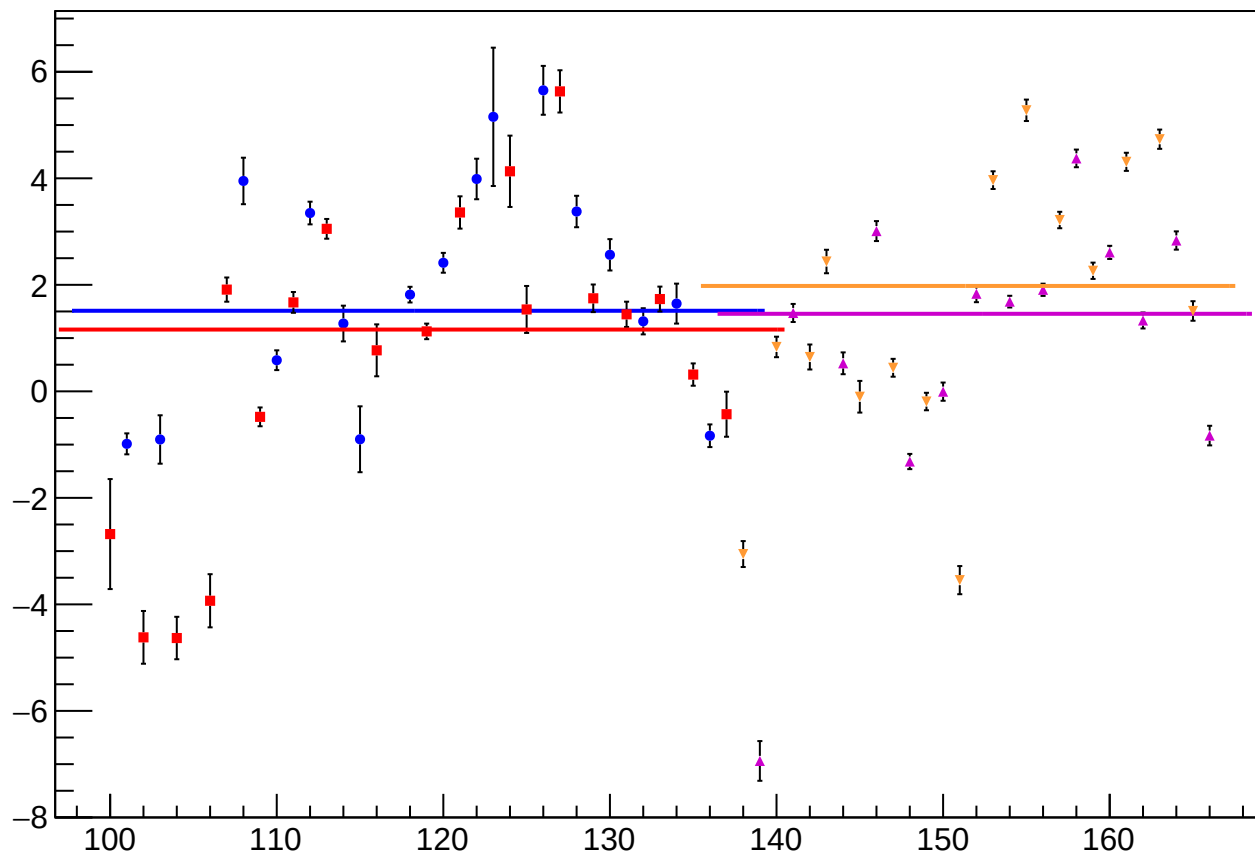
Left In: -19.616+/-0.057 χ^2/NDF : 36961.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.186+/-0.043 χ^2/NDF : 97101.2/28

- 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: 1.979 $\pm$ 0.049 χ^2/NDF : 2150.3/14

Right Out: 1.160 $\pm$ 0.060 χ^2/NDF : 917.0/18

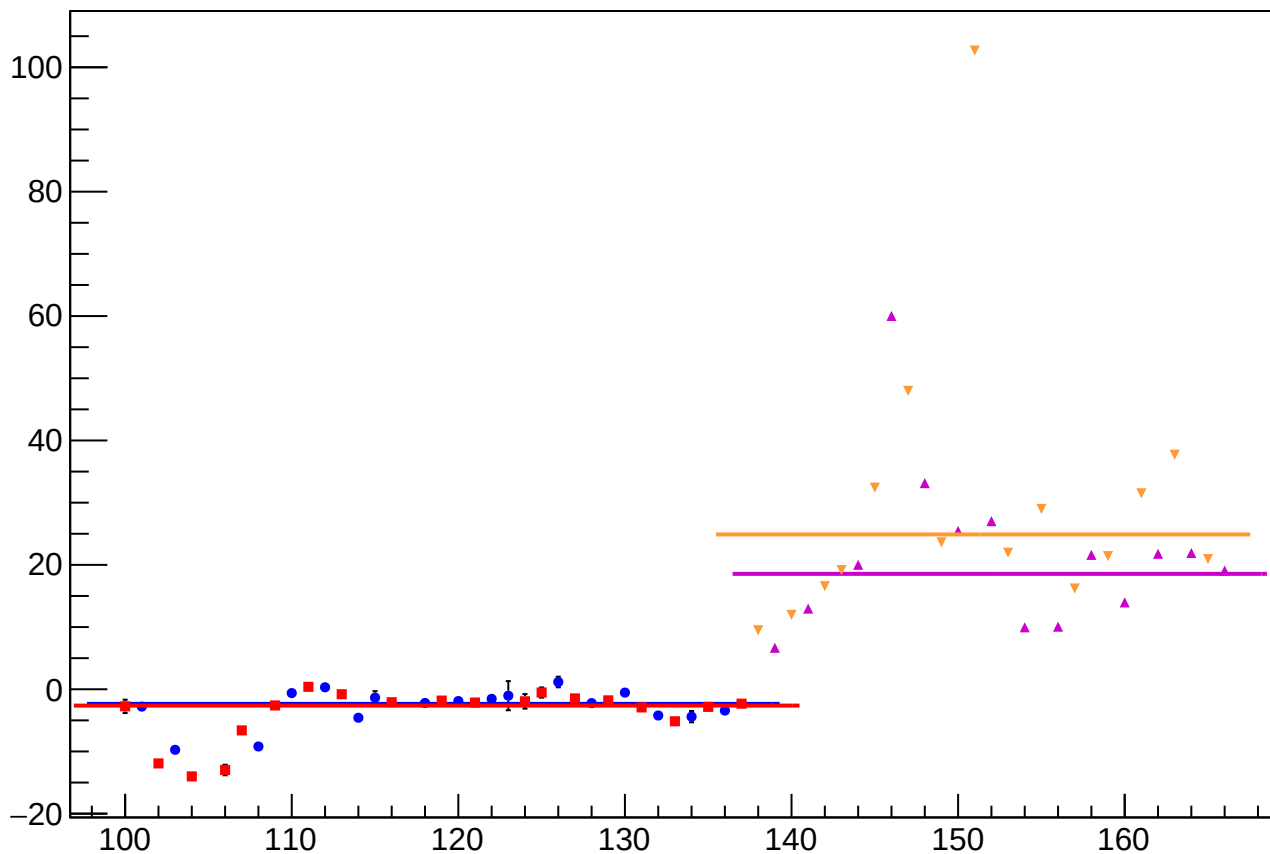
Left In: 1.456 $\pm$ 0.041 χ^2/NDF : 1686.5/13

+ sign 1.804 $\pm$ 0.038 χ^2/NDF : 2854.5/31

All: 1.555 $\pm$ 0.025 χ^2/NDF : 5548.7/64

- sign 1.361 $\pm$ 0.034 χ^2/NDF : 2620.0/32

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 $\chi^2/\text{NDF}: 439.7/16$

Left Out: 24.894 ± 0.066 $\chi^2/\text{NDF}: 49615.0/14$

Right Out: -2.624 ± 0.103 $\chi^2/\text{NDF}: 840.4/18$

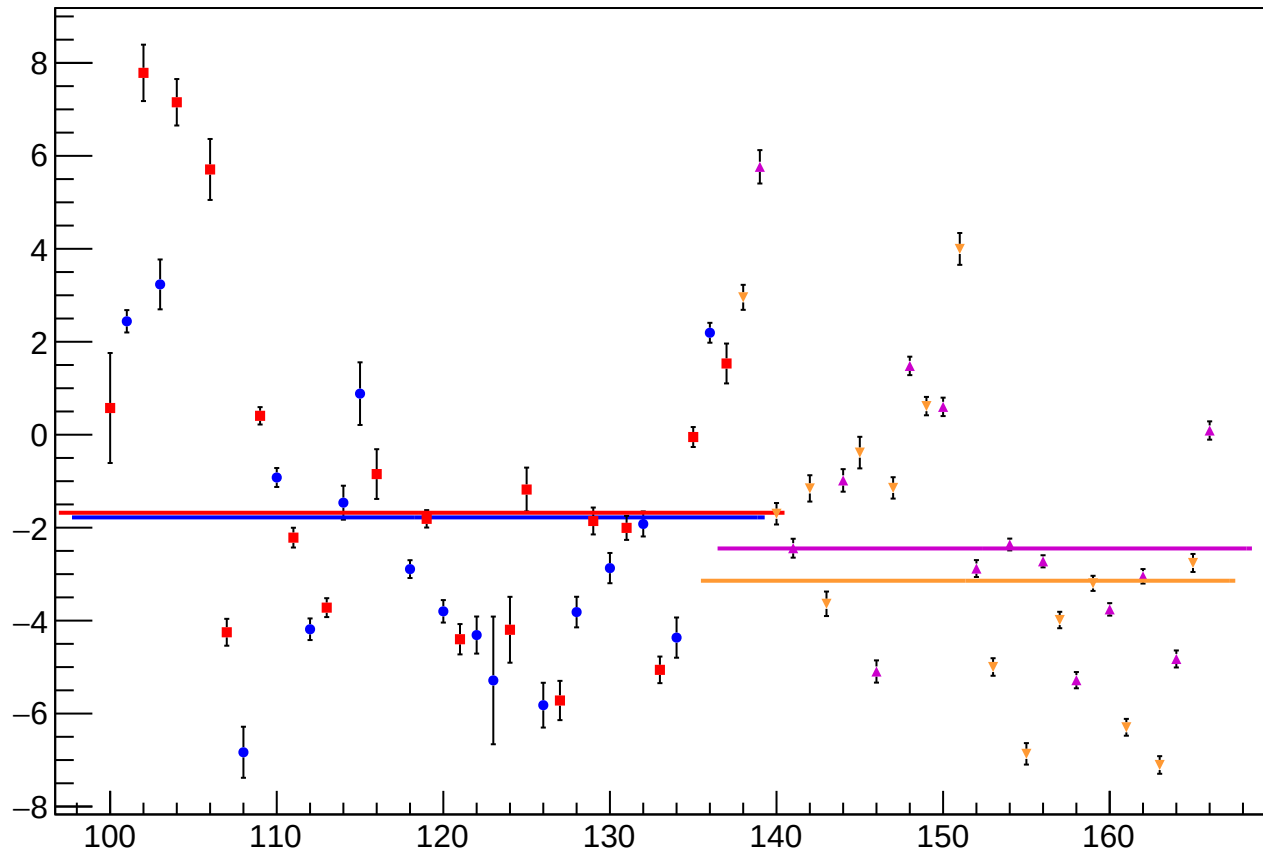
Left In: 18.556 ± 0.055 $\chi^2/\text{NDF}: 34794.5/13$

+ sign 18.152 ± 0.057 $\chi^2/\text{NDF}: 92808.2/31$

All: 15.669 ± 0.037 $\chi^2/\text{NDF}: 164490.0/64$

- sign 13.853 ± 0.049 $\chi^2/\text{NDF}: 68381.0/32$

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: -3.142 $\pm$ 0.056 χ^2/NDF : 2665.4/14

Right Out: -1.679 $\pm$ 0.068 χ^2/NDF : 1429.6/18

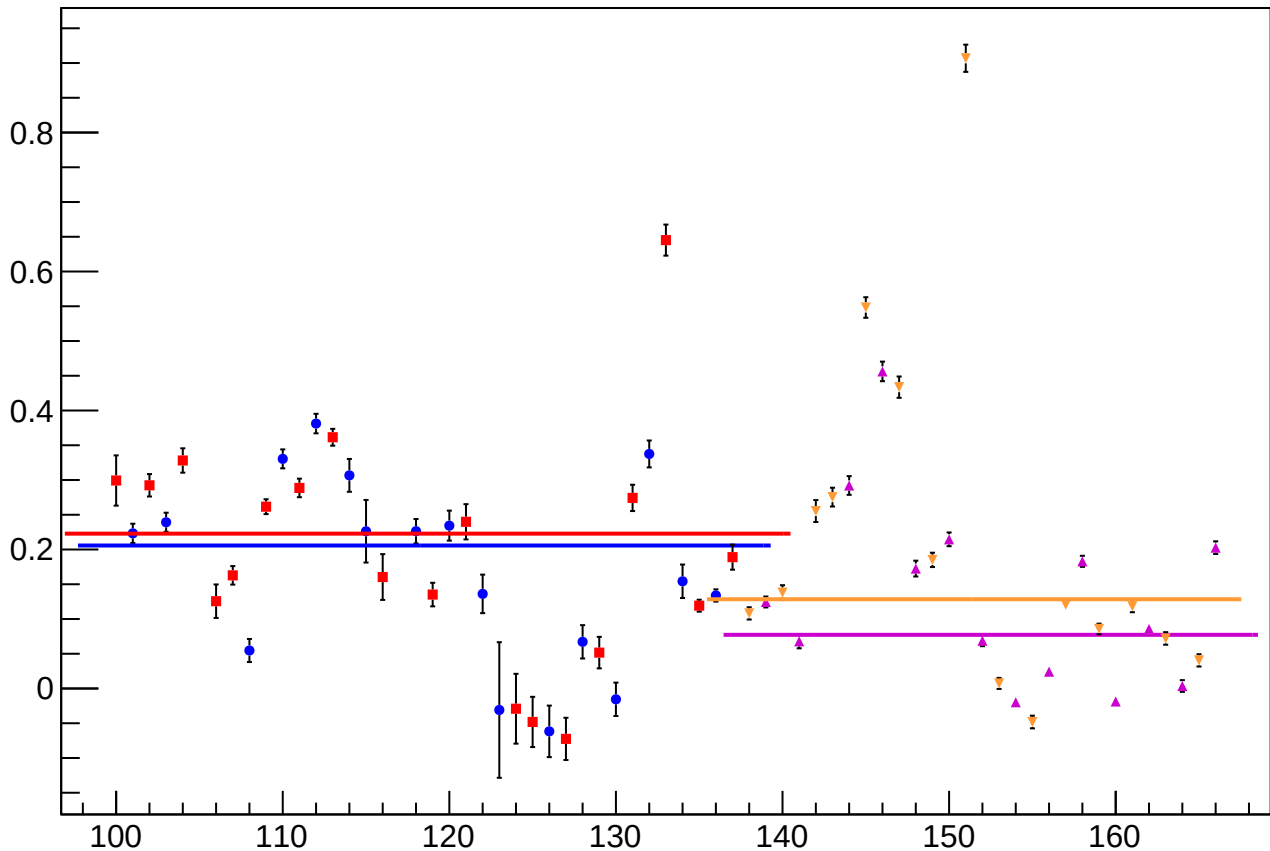
Left In: -2.448 $\pm$ 0.047 χ^2/NDF : 2027.7/13

+ sign -2.634 $\pm$ 0.044 χ^2/NDF : 4160.6/31

All: -2.388 $\pm$ 0.029 χ^2/NDF : 7759.4/64

- sign -2.199 $\pm$ 0.039 χ^2/NDF : 3543.7/32

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: 0.128 $\pm$ 0.003 χ^2/NDF : 3780.1/14

Right Out: 0.223 $\pm$ 0.004 χ^2/NDF : 1042.2/18

Left In: 0.077 $\pm$ 0.002 χ^2/NDF : 2410.6/13

+ sign 0.148 $\pm$ 0.002 χ^2/NDF : 4676.7/31

All: 0.126 $\pm$ 0.001 χ^2/NDF : 9429.8/64

- sign 0.110 $\pm$ 0.002 χ^2/NDF : 4569.4/32