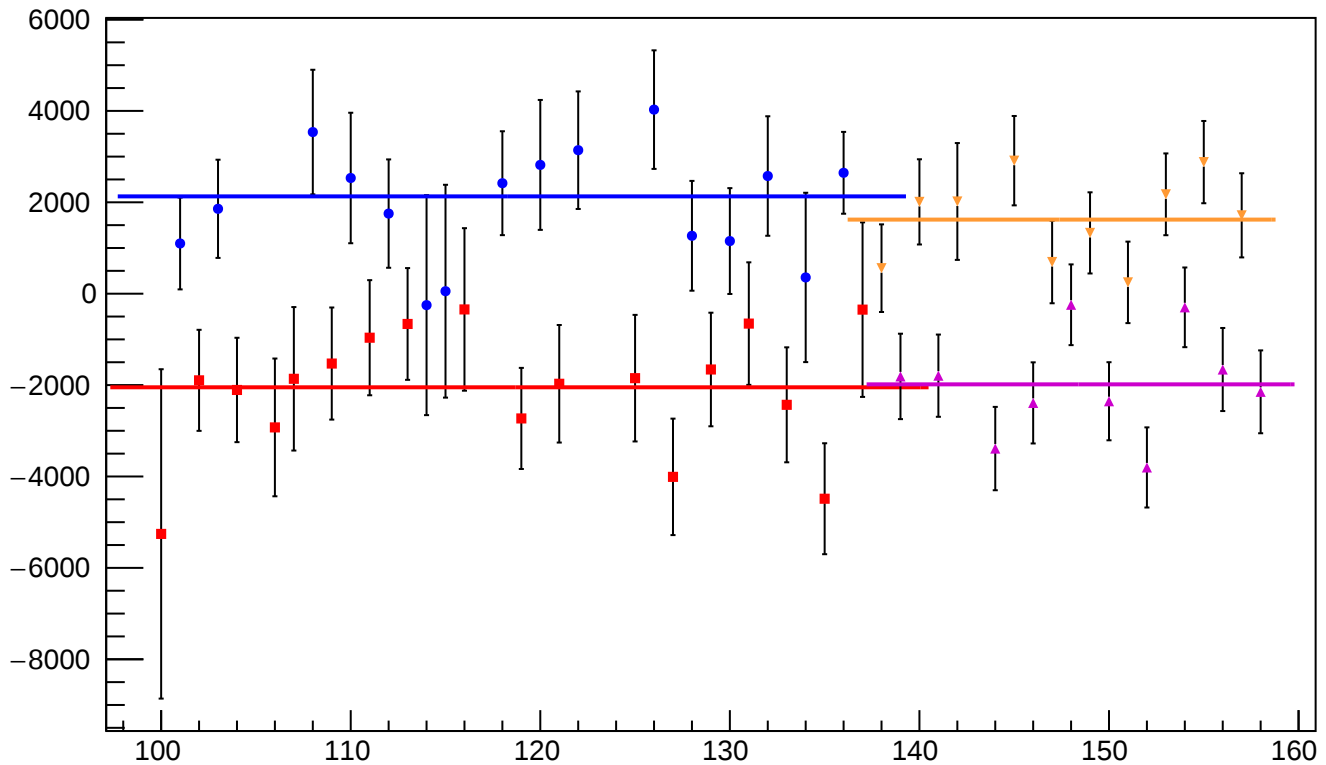


dit_asym_us_avg_mean vs Slug



Right In: 2129.586+/-316.501

Left Out: 1621.471+/-297.338

Right Out: -2048.278+/-314.118

Left In: -1983.795+/-282.338

χ^2/NDF : 9.8/15

χ^2/NDF : 9.1/9

χ^2/NDF : 13.2/17

χ^2/NDF : 14.9/9

+ sign 1859.682+/-216.708

All: -137.485+/-150.802

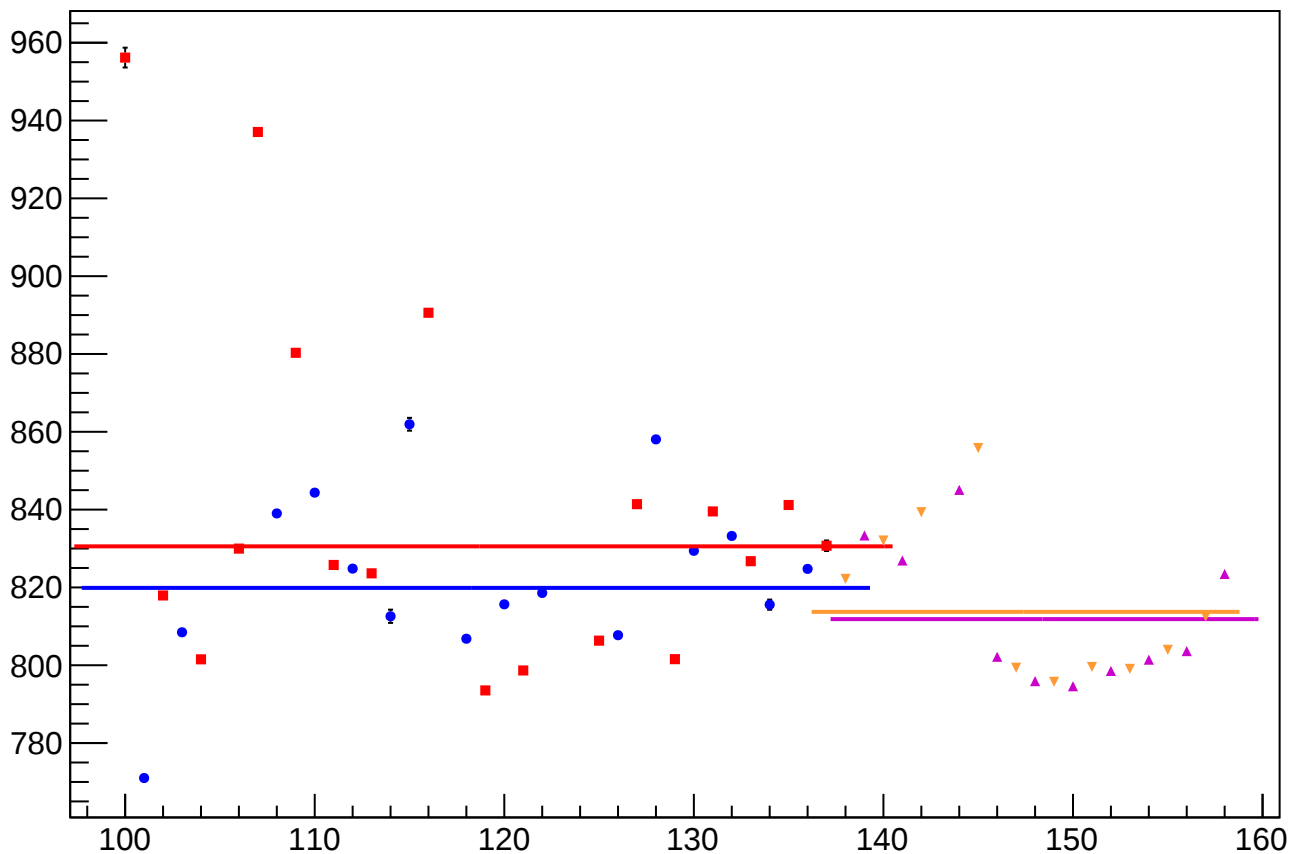
- sign -2012.611+/-209.982

χ^2/NDF : 20.3/25

χ^2/NDF : 213.1/53

χ^2/NDF : 28.1/27

dit_asym_us_avg_rms vs Slug



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

Left Out: 813.721 $\pm$ 0.210 χ^2 /NDF: 8047.0/9

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

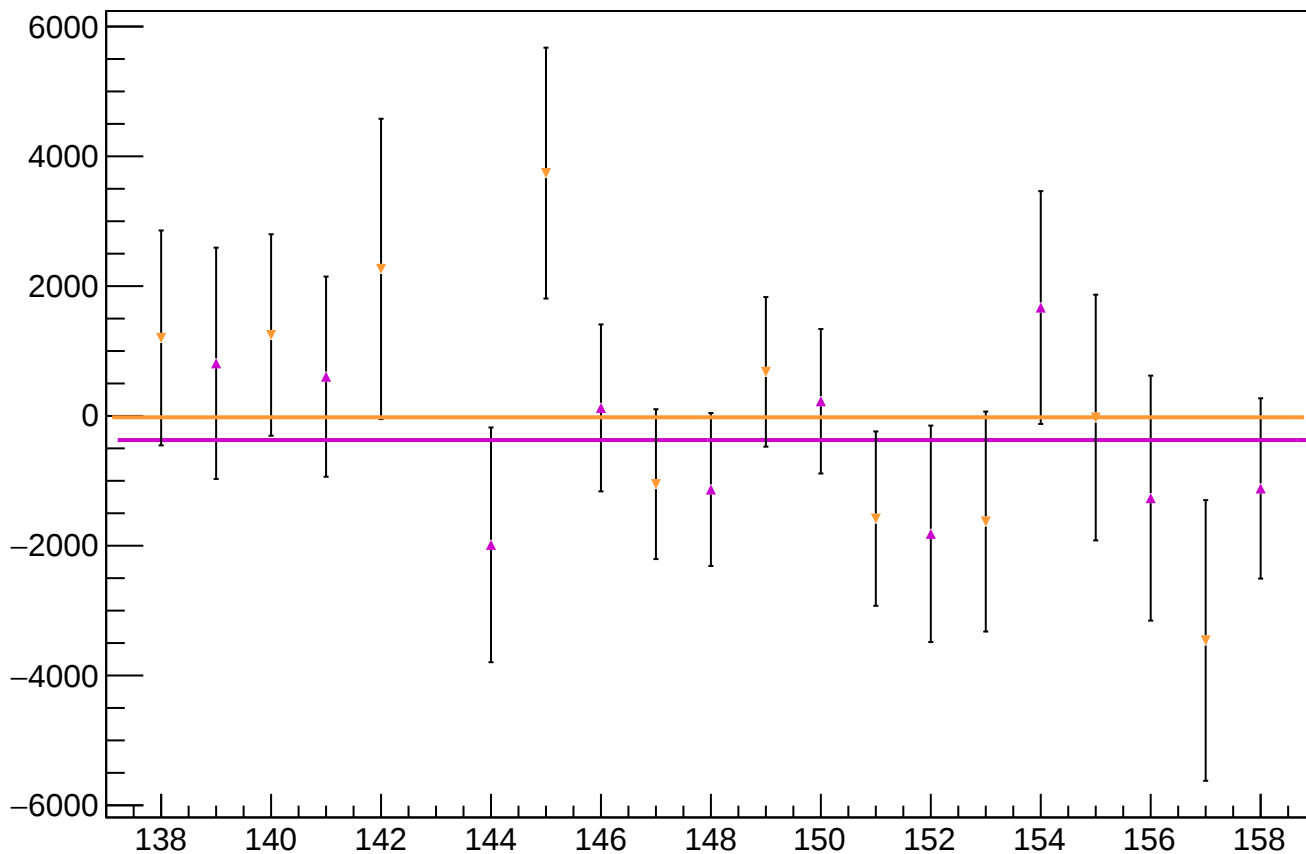
Left In: 811.852 $\pm$ 0.200 χ^2 /NDF: 7214.1/9

+ sign 816.610 $\pm$ 0.153 χ^2 /NDF: 17987.5/25

All: 818.467 $\pm$ 0.107 χ^2 /NDF: 53839.3/53

- sign 820.211 $\pm$ 0.148 χ^2 /NDF: 35567.0/27

asym_us_avg_correction_mean vs Slug



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

Left Out: -21.287+/-491.967 χ^2/NDF :11.9/9

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

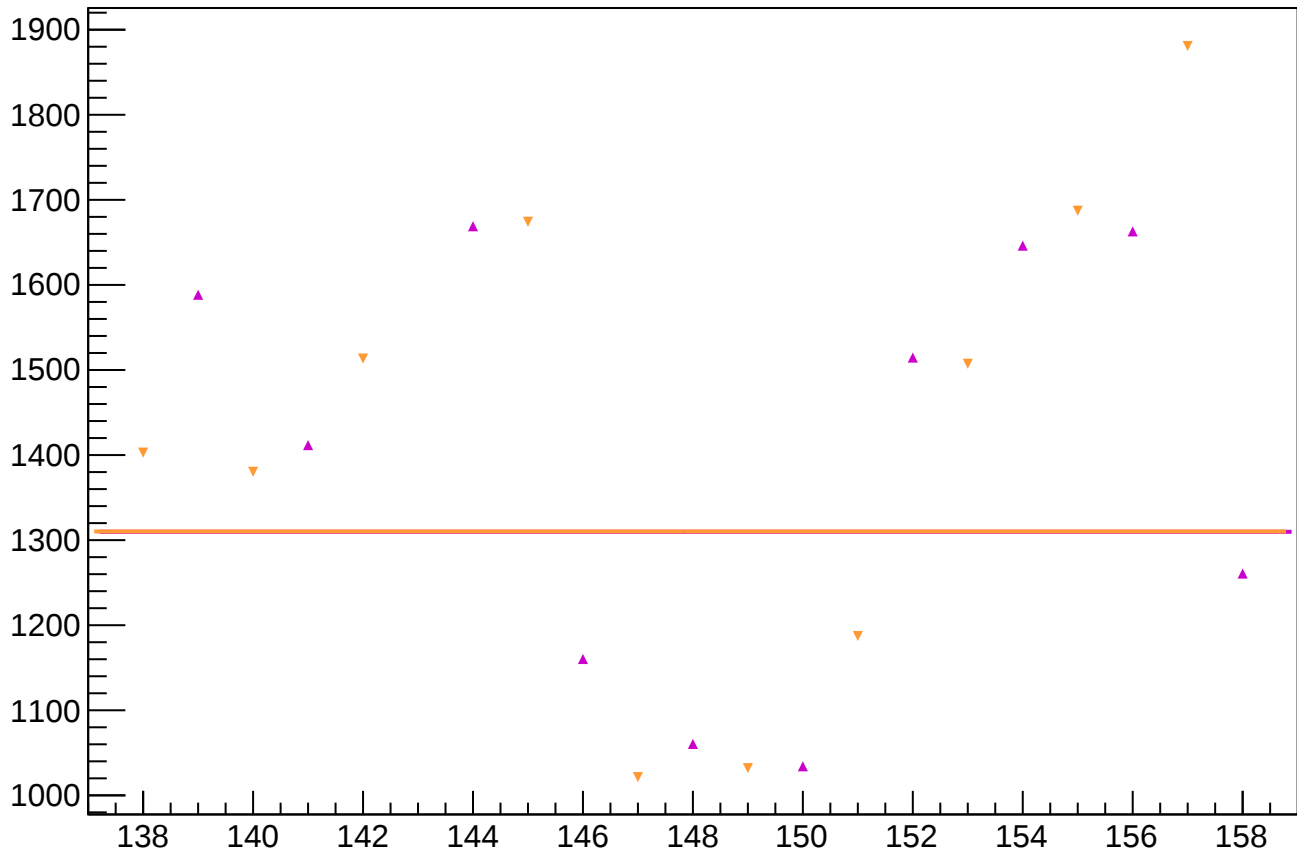
Left In: -371.866+/-464.169 χ^2/NDF :5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.760+/-337.617 χ^2/NDF : 17.2/19

- 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: 1310.224+/-0.348 χ^2/NDF : 600658.6/9

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

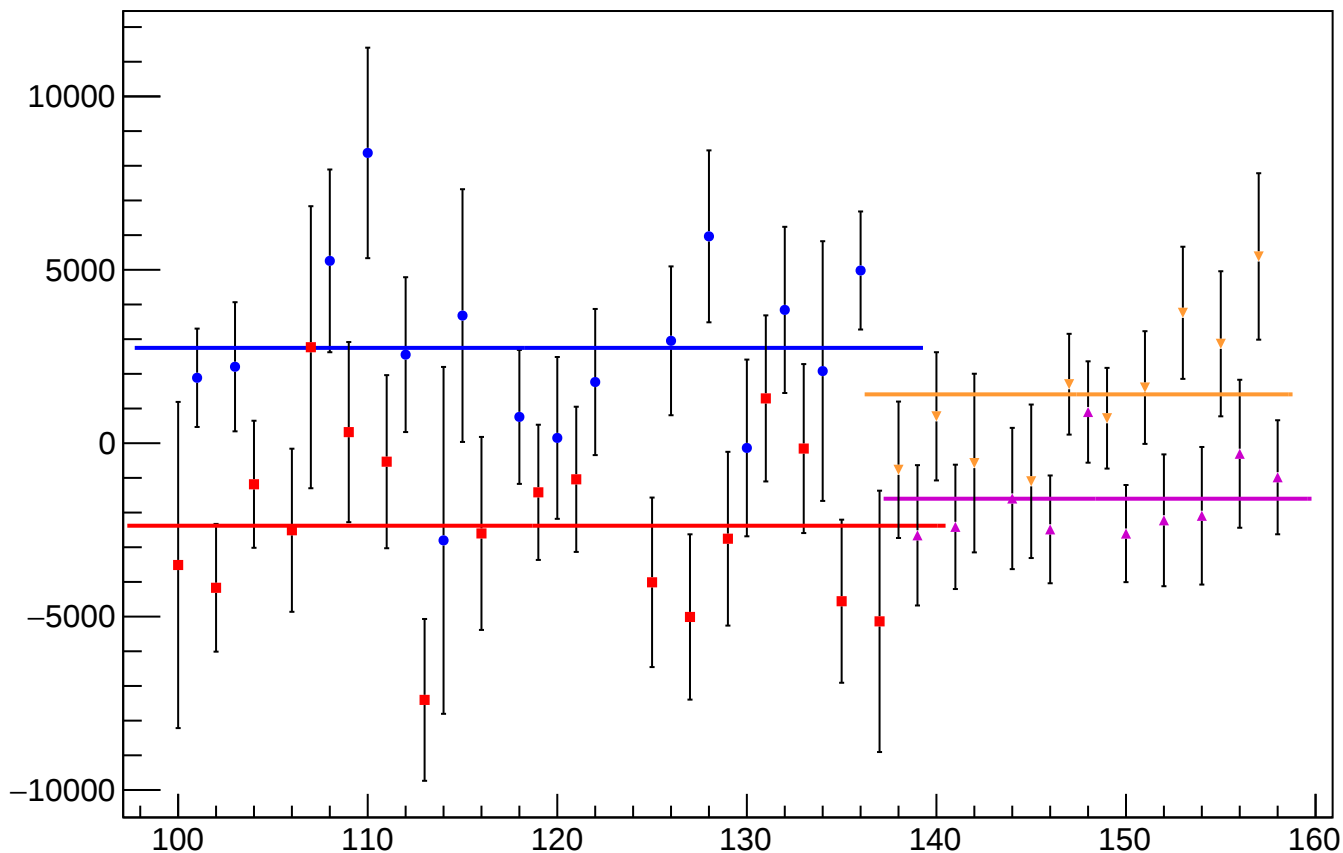
Left In: 1309.807+/-0.328 χ^2/NDF : 548641.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.003+/-0.239 χ^2/NDF : 1149300.6/19

- 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: 1408.586 $\pm$ 586.203 χ^2 /NDF: 8.2/9

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

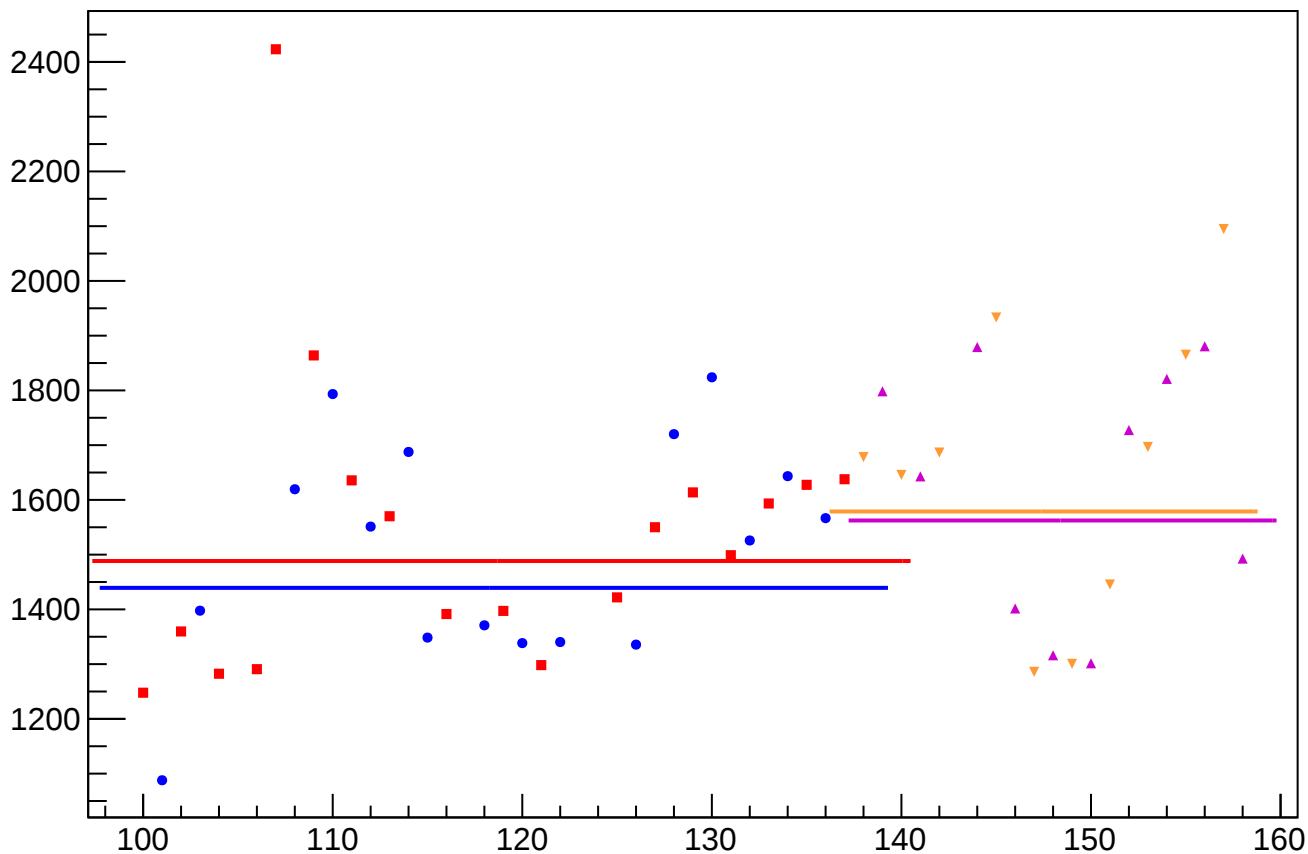
Left In: -1600.788 $\pm$ 549.753 χ^2 /NDF: 4.9/9

+ sign 2105.797 $\pm$ 406.035 χ^2 /NDF: 24.5/25

All: 10.111 $\pm$ 283.258 χ^2 /NDF: 98.5/53

- sign -1976.750 $\pm$ 395.352 χ^2 /NDF: 22.1/27

asym_us_avg_rms vs Slug



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

Left Out: 1578.854+/-0.415 χ^2/NDF : 368272.5/9

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

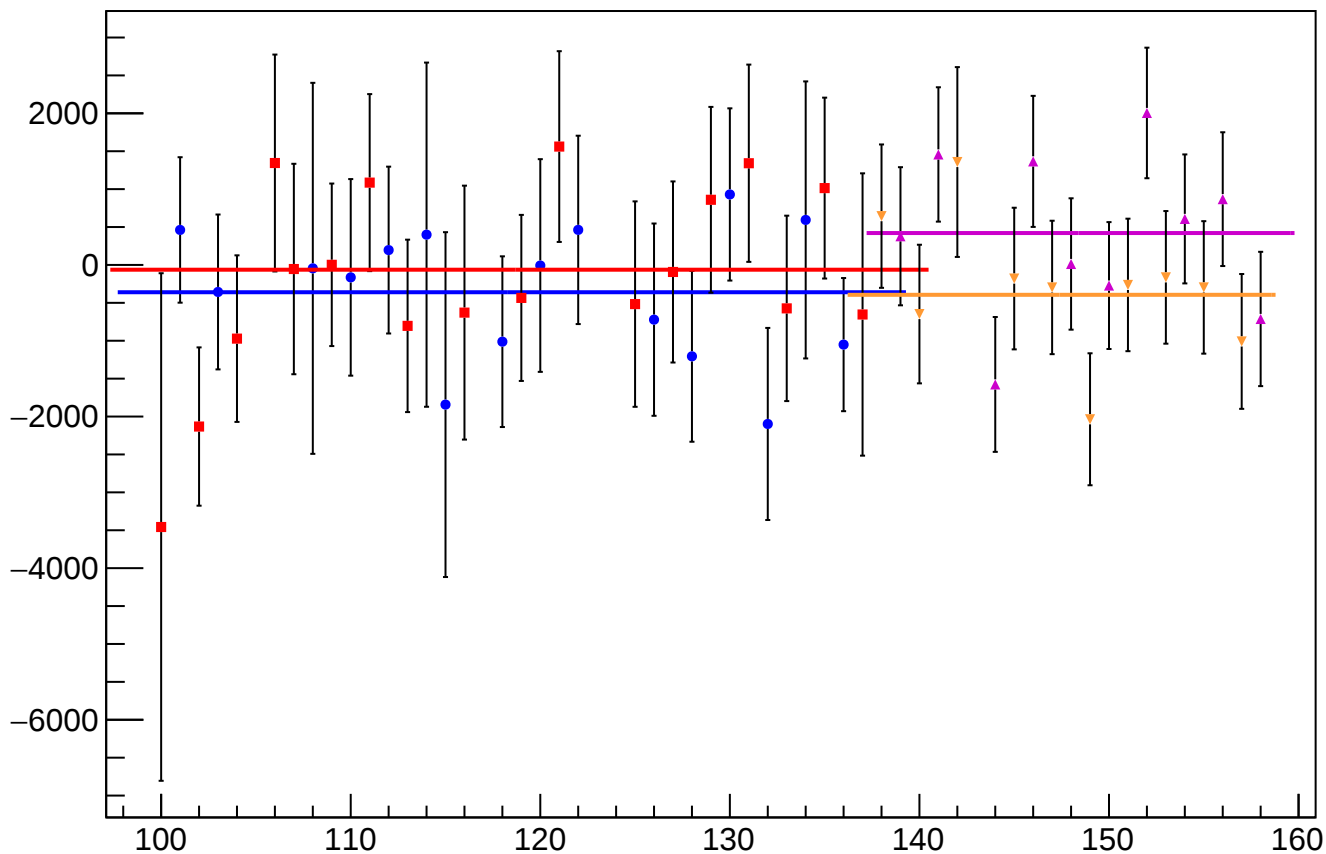
Left In: 1562.379+/-0.389 χ^2/NDF : 324327.5/9

+ sign 1506.270+/-0.287 χ^2/NDF : 705074.5/25

All: 1516.733+/-0.200 χ^2/NDF : 1305807.8/53

- sign 1526.652+/-0.280 χ^2/NDF : 598146.4/27

dit_asym_us_dd_mean vs Slug



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

Left Out: -394.121+/-289.899 χ^2/NDF : 7.4/9

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

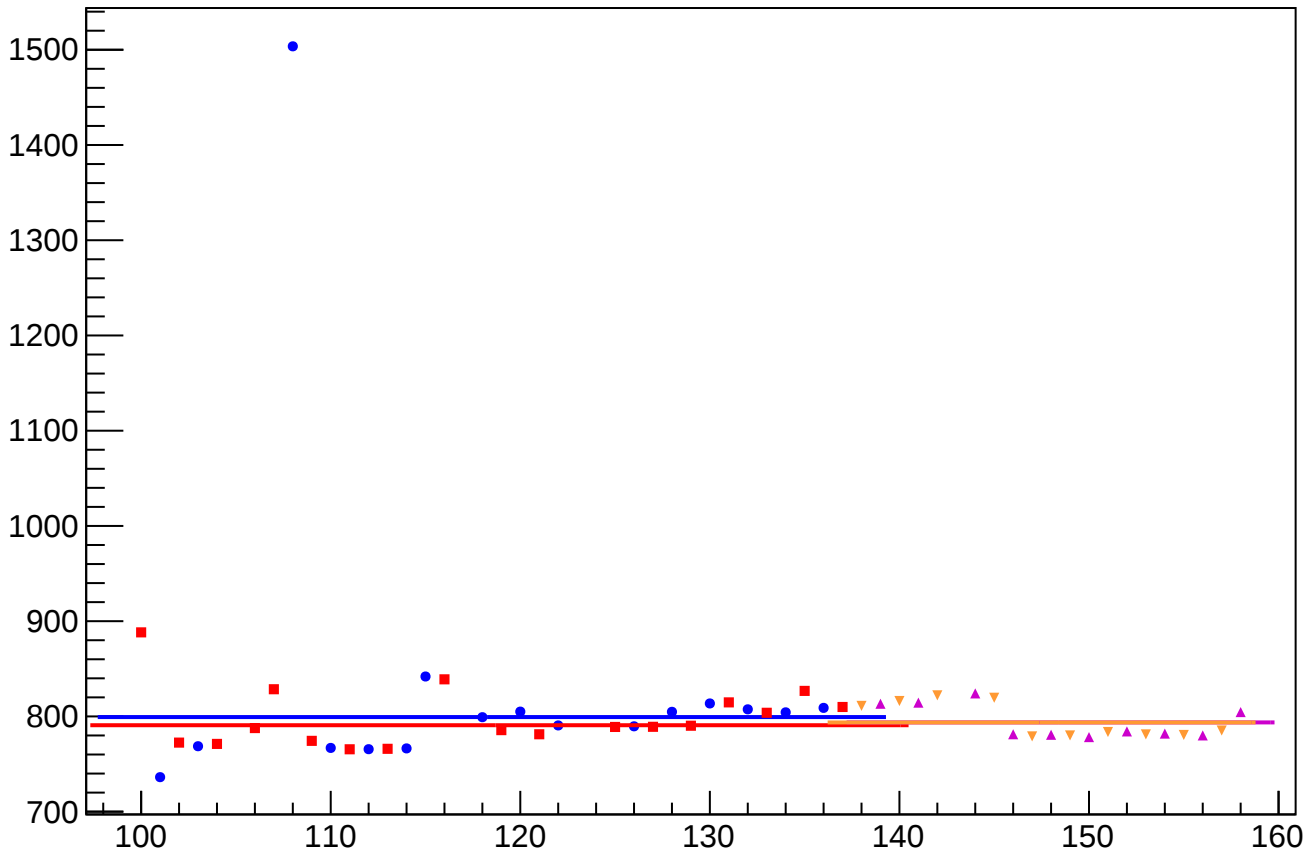
Left In: 420.775+/-275.988 χ^2/NDF : 13.8/9

+ sign -378.329+/-211.923 χ^2/NDF : 14.6/25

All: -77.365+/-146.493 χ^2/NDF : 46.5/53

- sign 198.050+/-202.728 χ^2/NDF : 28.1/27

dit_asym_us_dd_rms vs Slug



Right In: 799.322+/-0.220 χ^2/NDF : 181303.9/15

Left Out: 793.667+/-0.205 χ^2/NDF : 6814.8/9

Right Out: 790.760+/-0.211 χ^2/NDF : 11555.4/17

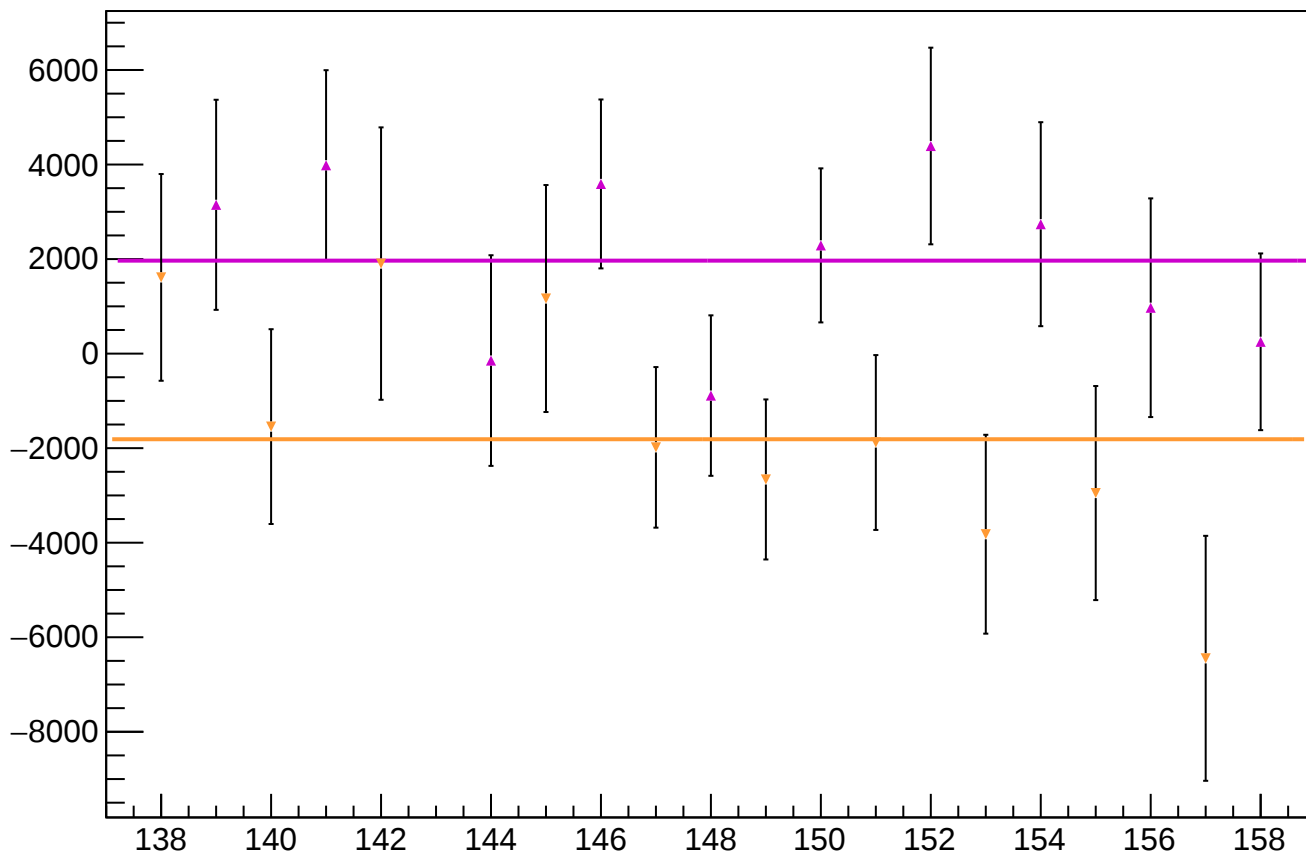
Left In: 793.708+/-0.195 χ^2/NDF : 7310.8/9

+ sign 796.300+/-0.150 χ^2/NDF : 188473.0/25

All: 794.238+/-0.104 χ^2/NDF : 207807.1/53

- sign 792.351+/-0.143 χ^2/NDF : 18971.3/27

asym_us_dd_correction_mean vs Slug



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

Left Out: -1811.298+/-659.889 χ^2/NDF :10.3/9

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

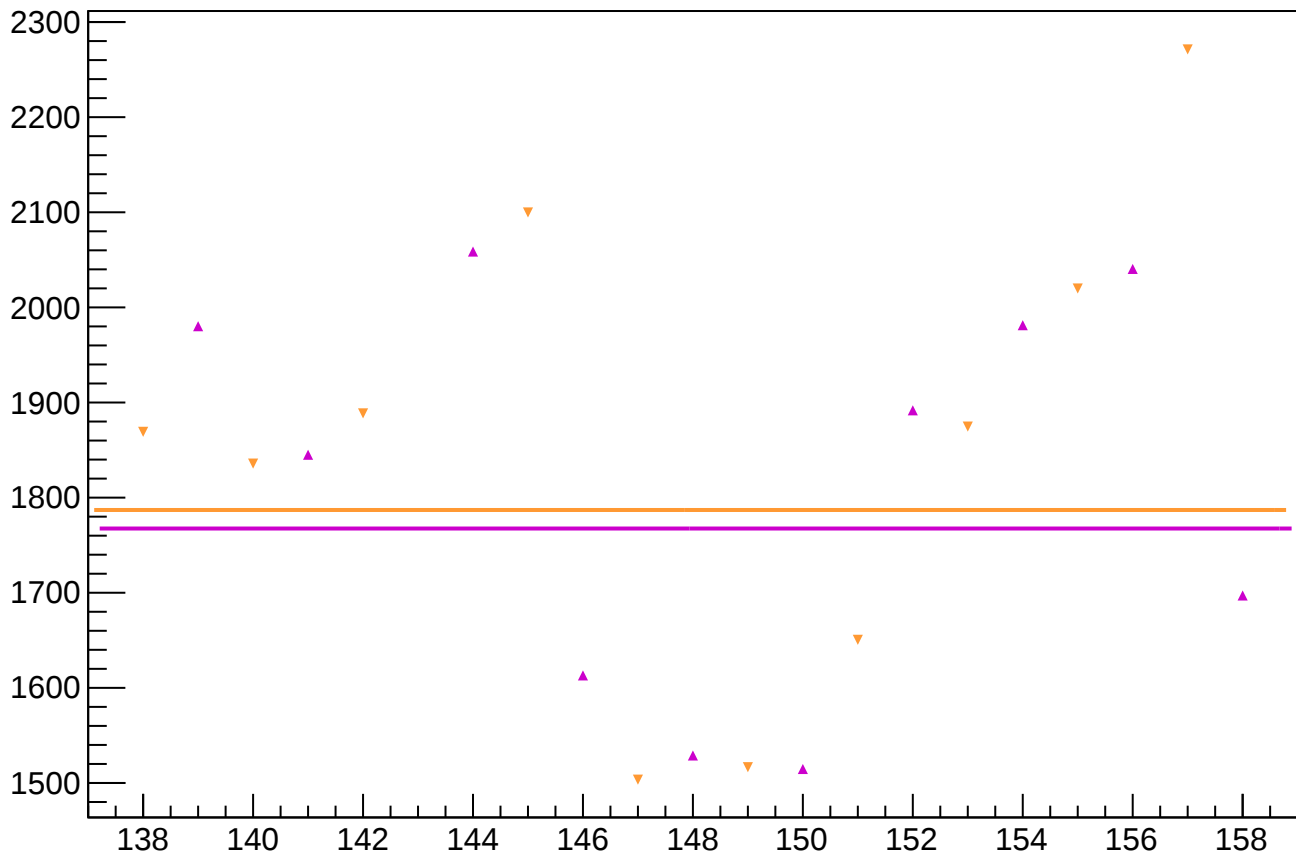
Left In: 1966.935+/-619.302 χ^2/NDF :8.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.577+/-451.580 χ^2/NDF : 36.1/19

- 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: 1787.014+/-0.467 χ^2/NDF : 252495.1/9

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

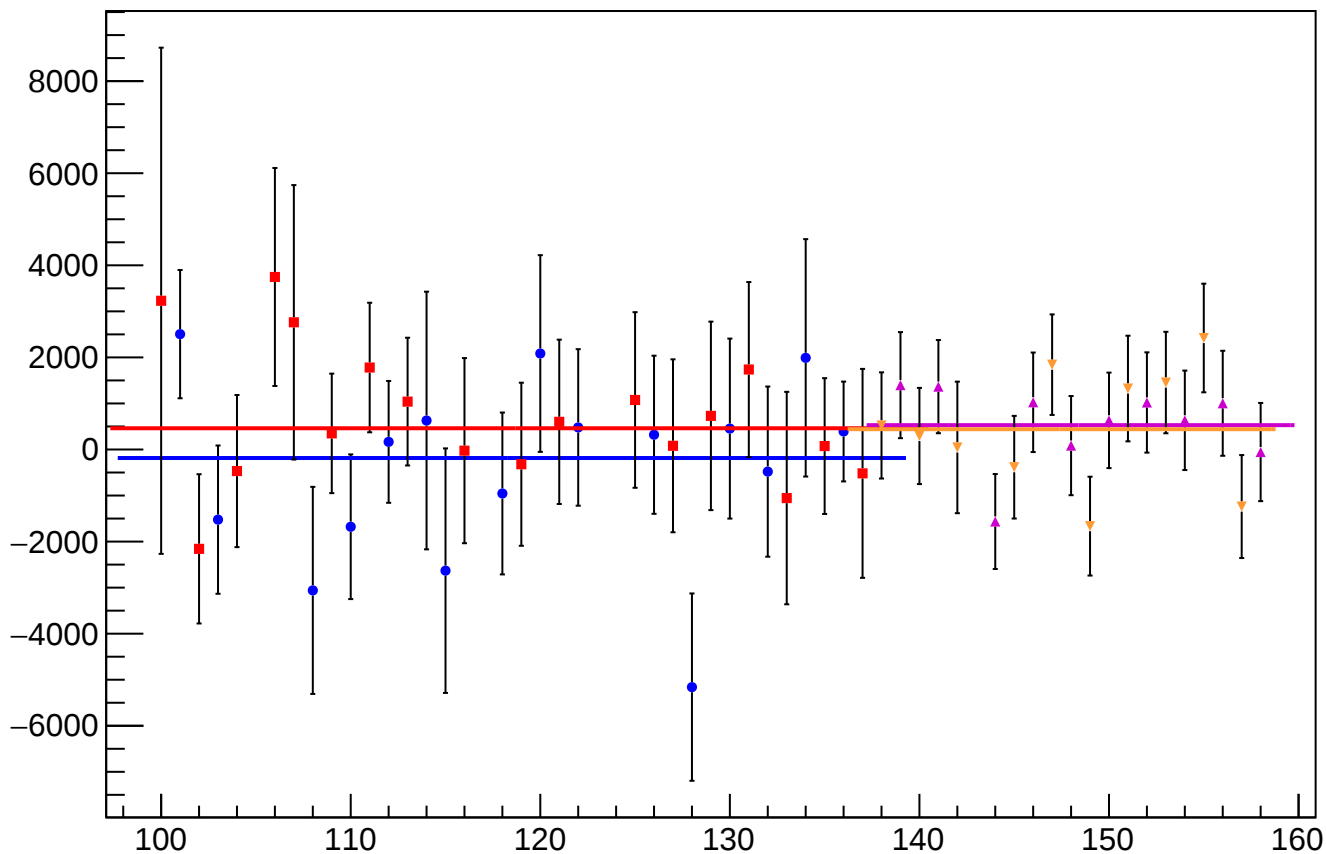
Left In: 1767.523+/-0.438 χ^2/NDF : 215532.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.651+/-0.319 χ^2/NDF : 468955.1/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_mean vs Slug



Right In: -185.054 ± 431.495 χ^2/NDF : 16.6/15

Left Out: 441.016 ± 358.676 χ^2/NDF : 12.7/9

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

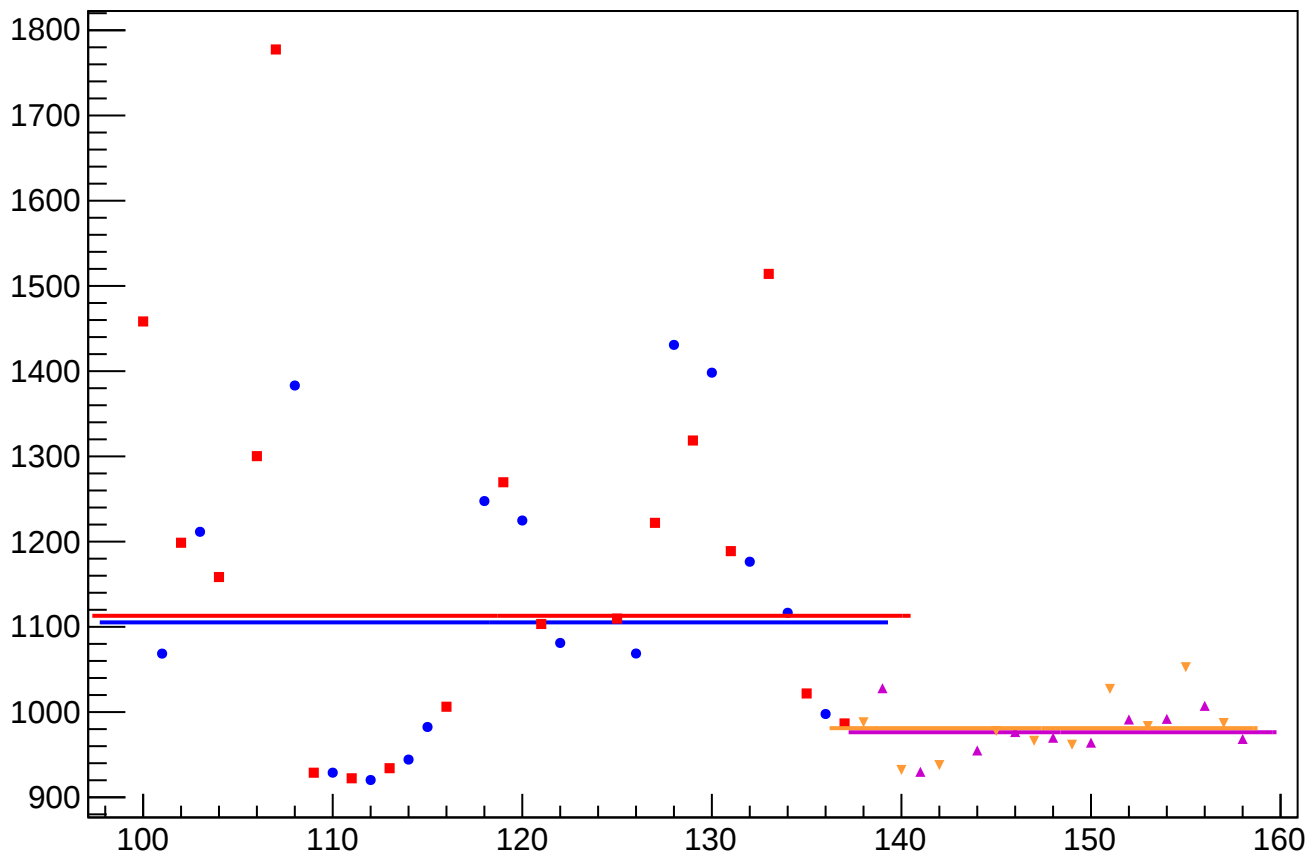
Left In: 528.553 ± 339.633 χ^2/NDF : 6.5/9

+ sign 185.191 ± 275.826 χ^2/NDF : 30.5/25

All: 349.709 ± 191.390 χ^2/NDF : 46.0/53

- sign 502.469 ± 265.786 χ^2/NDF : 14.8/27

asym_us_dd_rms vs Slug



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

Left Out: 981.138+/-0.254 χ^2/NDF : 18005.1/9

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

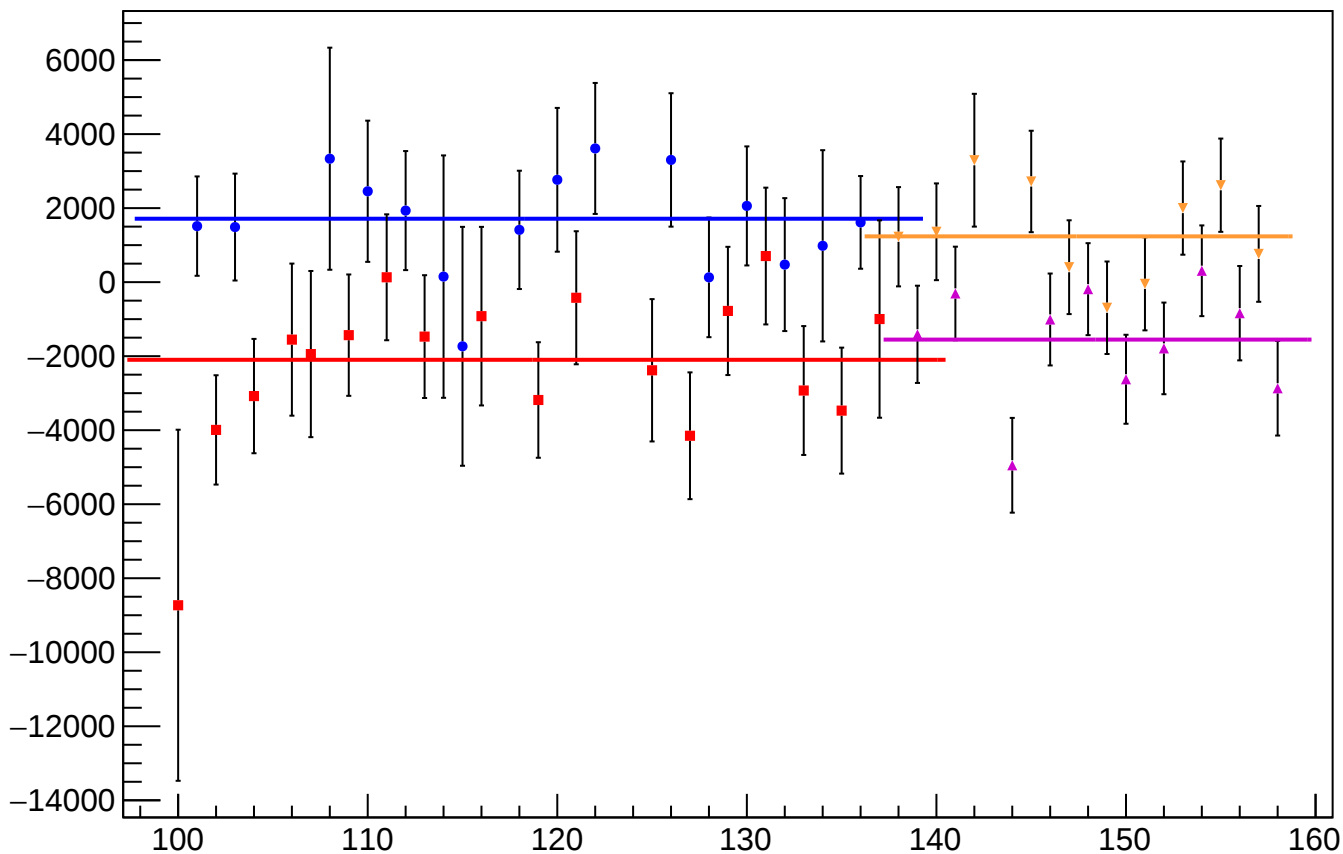
Left In: 976.341+/-0.240 χ^2/NDF : 11824.9/9

+ sign 1031.847+/-0.195 χ^2/NDF : 371200.7/25

All: 1030.525+/-0.135 χ^2/NDF : 871566.0/53

- sign 1029.298+/-0.188 χ^2/NDF : 500276.8/27

dit_asym_usl_mean vs Slug



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

Left Out: 1236.922 $\pm$ 417.487 χ^2 /NDF: 8.1/9

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

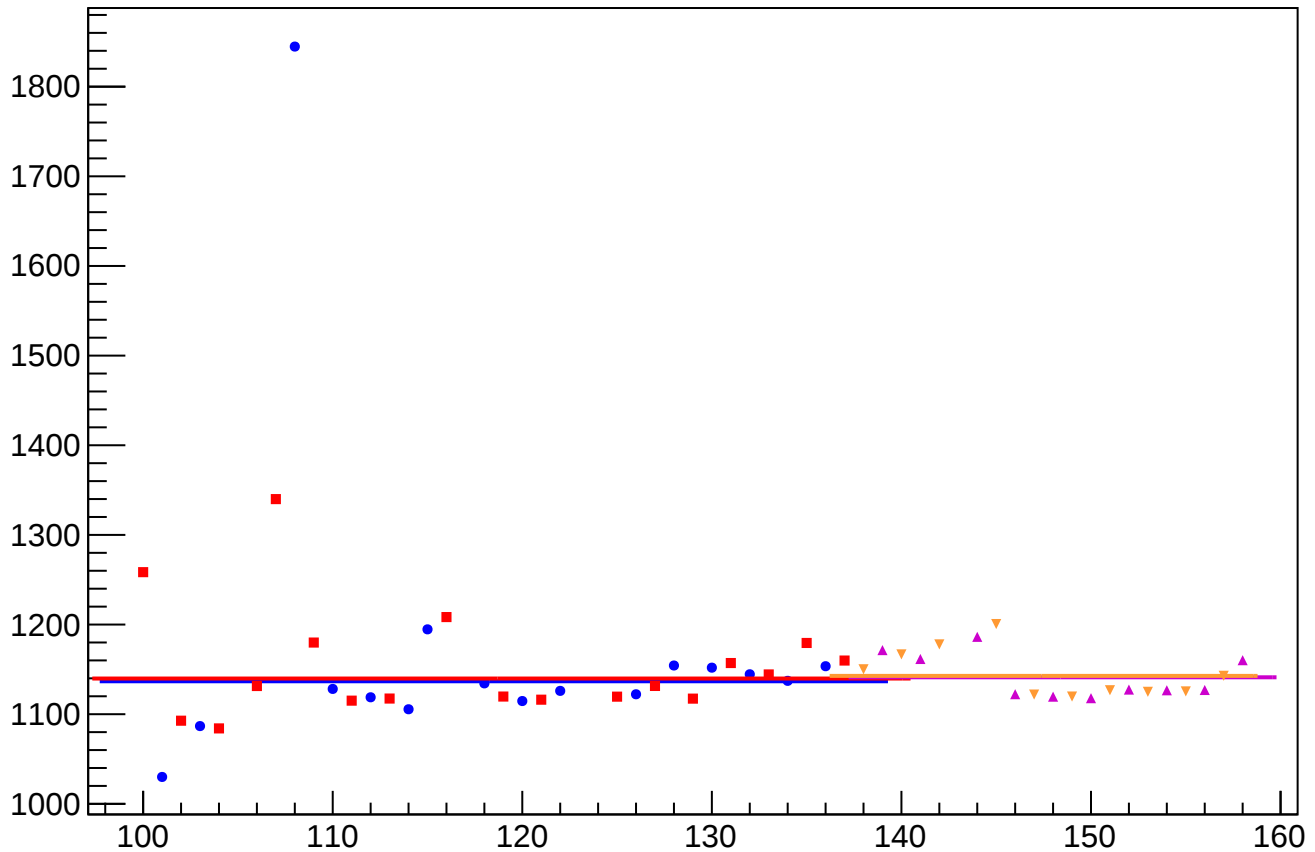
Left In: -1552.258 $\pm$ 396.853 χ^2 /NDF: 13.9/9

+ sign 1462.302 $\pm$ 303.115 χ^2 /NDF: 14.4/25

All: -231.487 $\pm$ 210.276 χ^2 /NDF: 102.4/53

- sign -1802.780 $\pm$ 291.949 χ^2 /NDF: 27.9/27

dit_asym_usl_rms vs Slug



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

Left Out: 1142.736 $\pm$ 0.295 χ^2 /NDF: 7383.4/9

+ sign 1139.899 $\pm$ 0.214 χ^2 /NDF: 136377.0/25

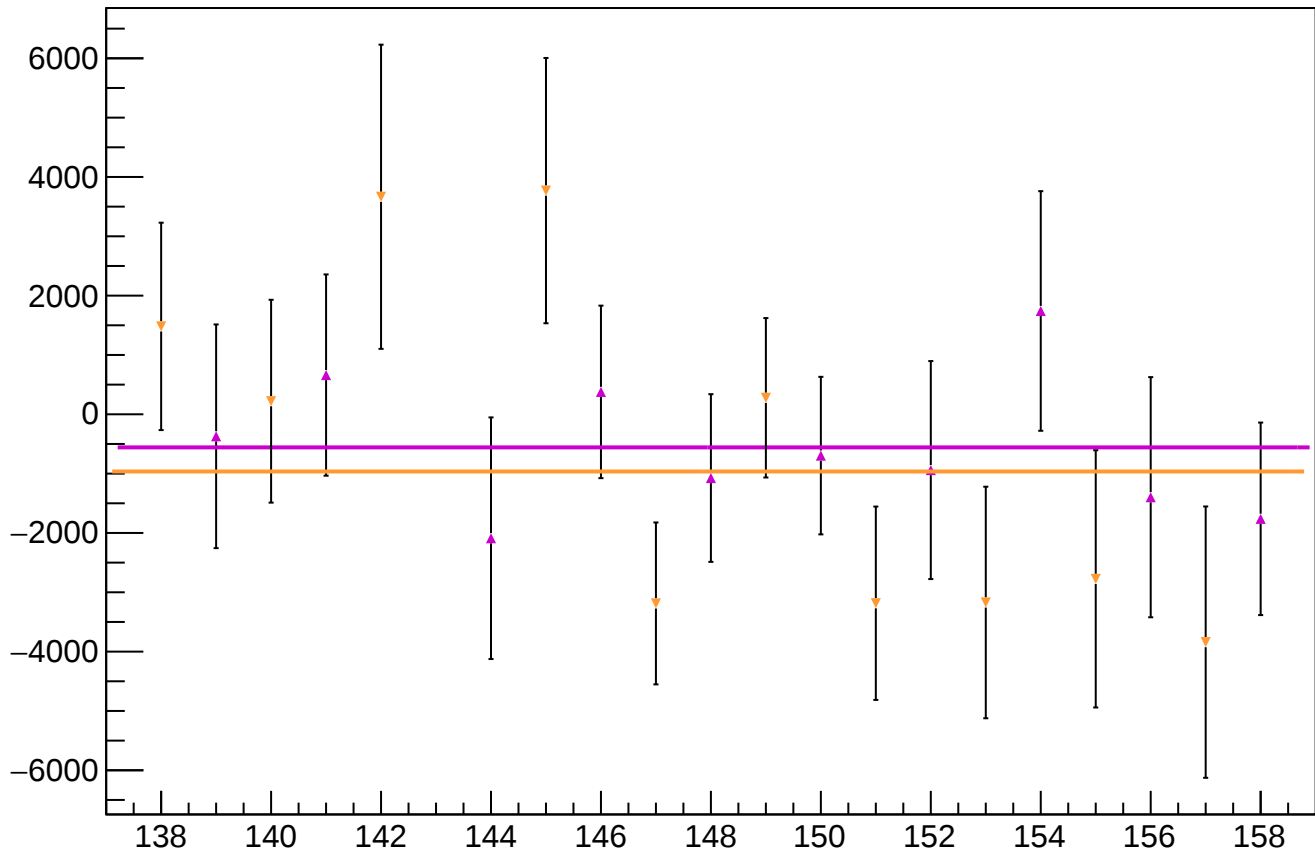
Right Out: 1139.790 $\pm$ 0.305 χ^2 /NDF: 28066.5/17

All: 1140.229 $\pm$ 0.149 χ^2 /NDF: 171566.6/53

- sign 1140.534 $\pm$ 0.206 χ^2 /NDF: 35185.0/27

Left In: 1141.165 $\pm$ 0.281 χ^2 /NDF: 7107.5/9

asym_usl_correction_mean vs Slug



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

Left Out: -964.052+/-562.860 χ^2/NDF :19.1/9

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

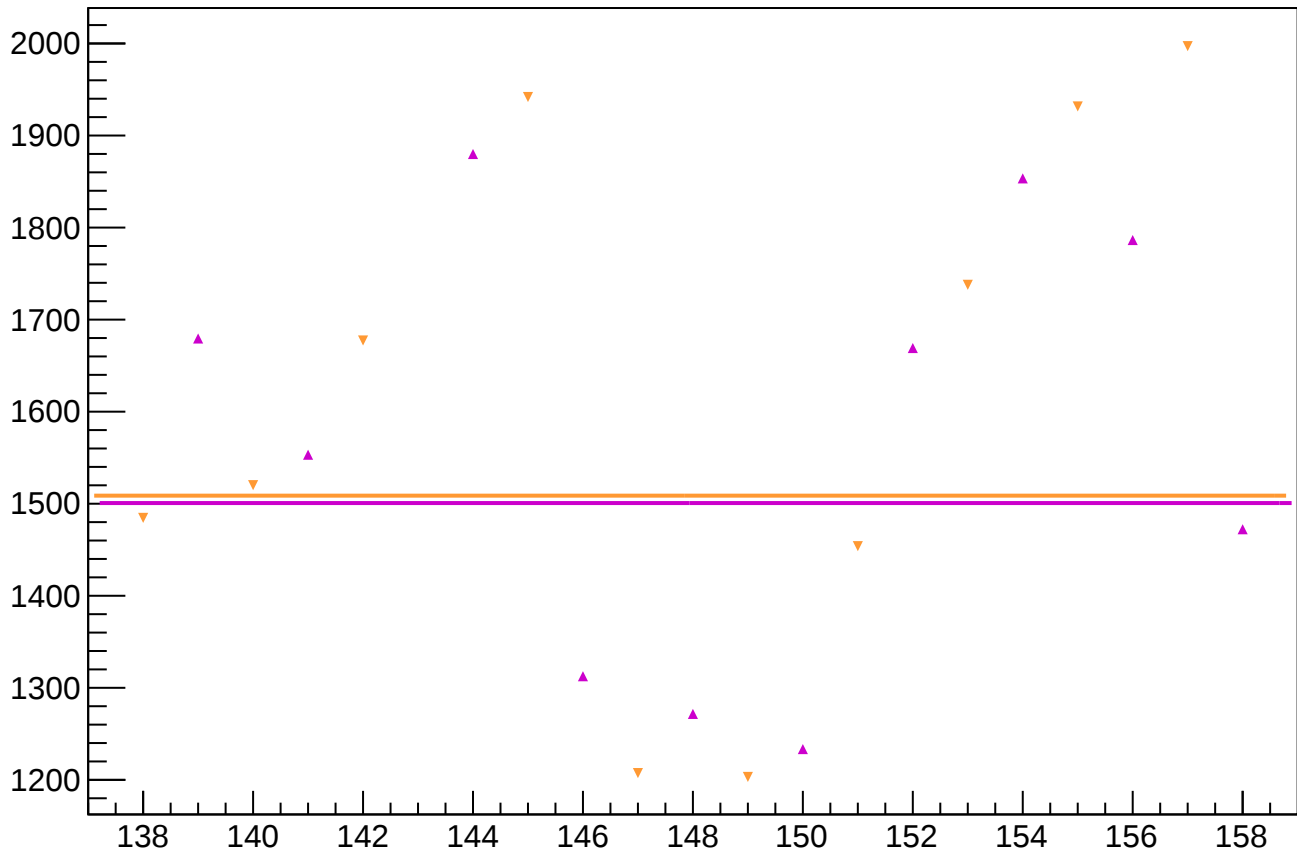
Left In: -557.573+/-528.744 χ^2/NDF :3.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -748.121+/-385.375 χ^2/NDF : 23.1/19

- 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: 1508.765+/-0.398 χ^2/NDF : 482412.4/9

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

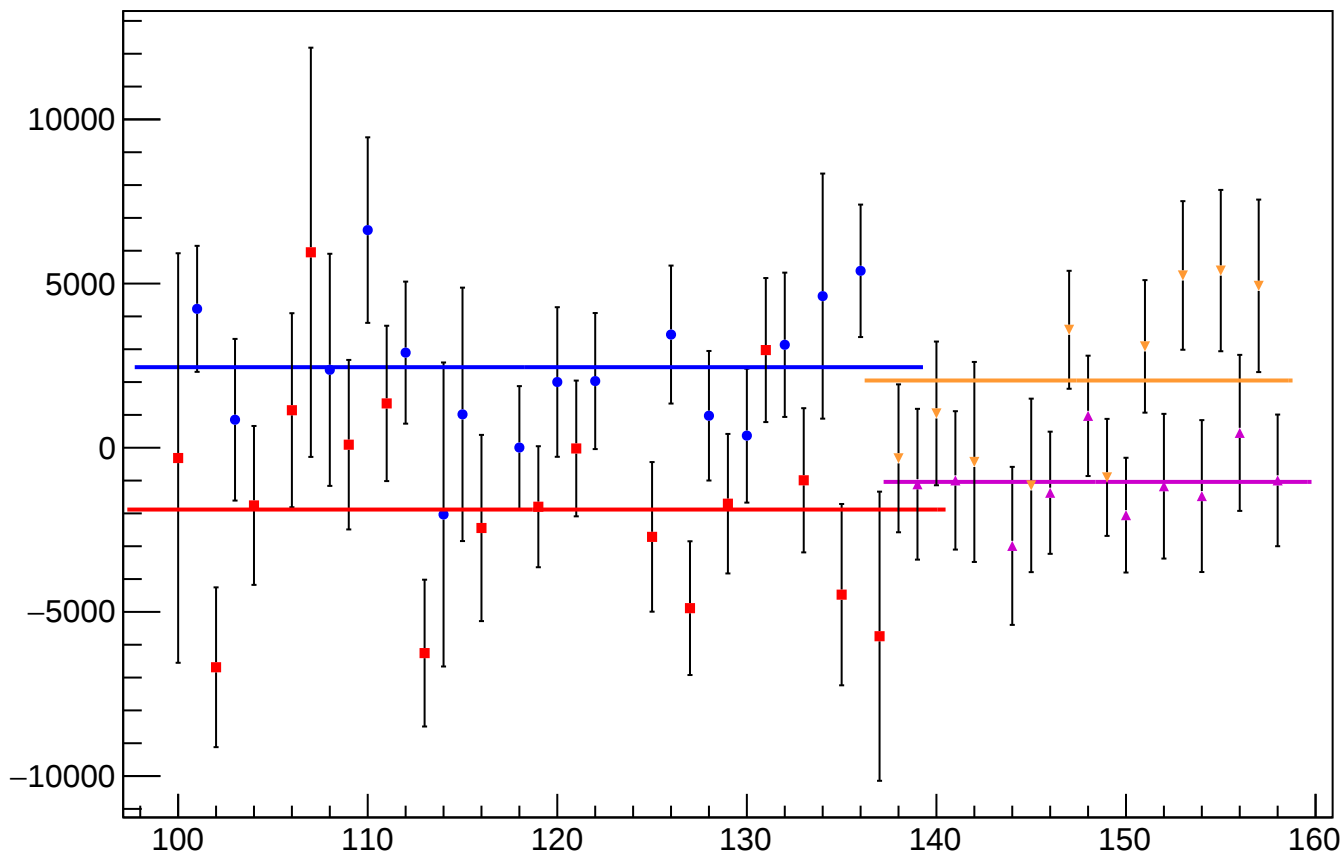
Left In: 1500.722+/-0.374 χ^2/NDF : 374678.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1504.492+/-0.273 χ^2/NDF : 857307.5/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



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

Left Out: 2048.018 $\pm$ 701.340 χ^2 /NDF:12.2/9

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

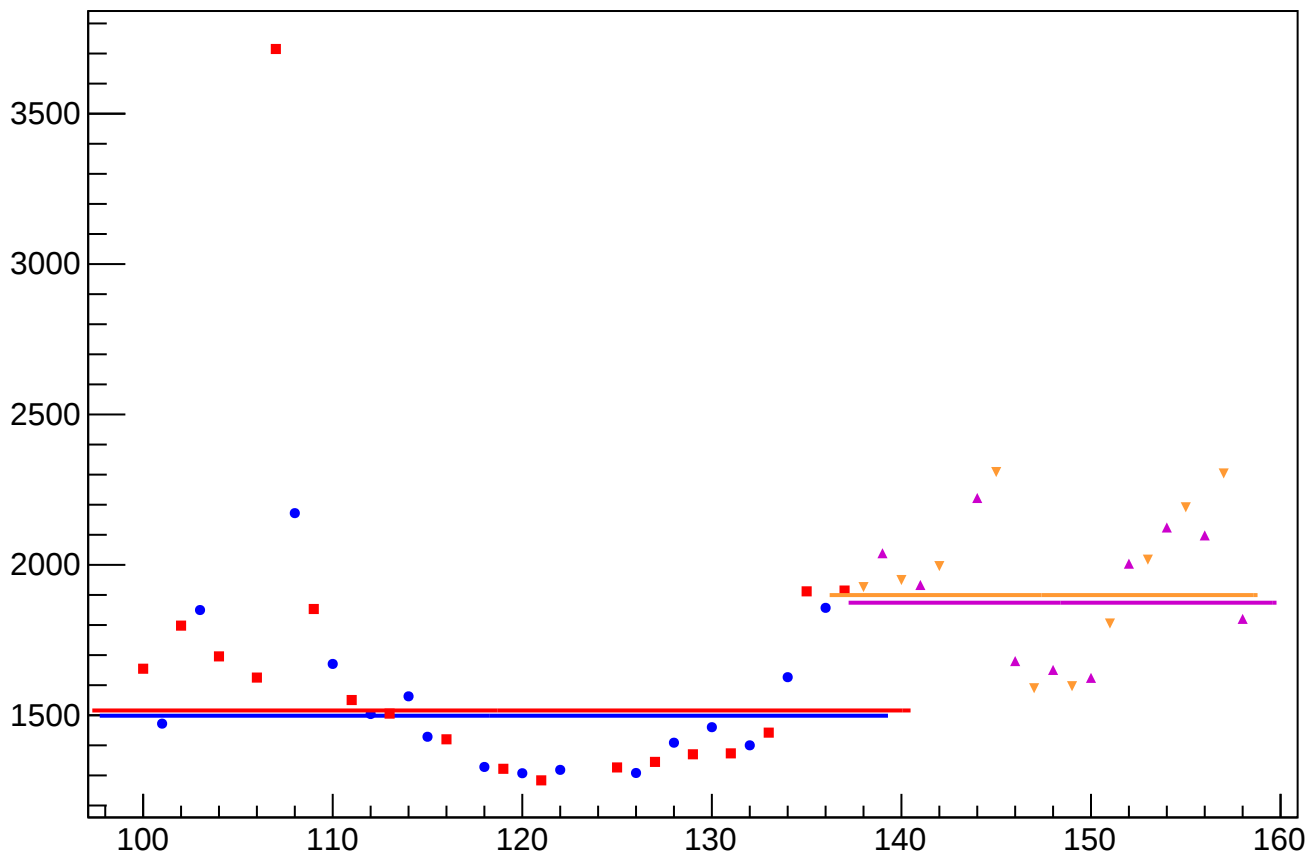
Left In: -1040.483 $\pm$ 656.509 χ^2 /NDF:2.7/9

+ sign 2287.468 $\pm$ 448.922 χ^2 /NDF: 23.2/25

All: 332.663 $\pm$ 312.769 χ^2 /NDF: 86.4/53

- sign -1511.260 $\pm$ 436.004 χ^2 /NDF: 26.3/27

asym_usl_rms vs Slug



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

Left Out: 1899.564+/-0.496 χ^2/NDF : 253929.1/9

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

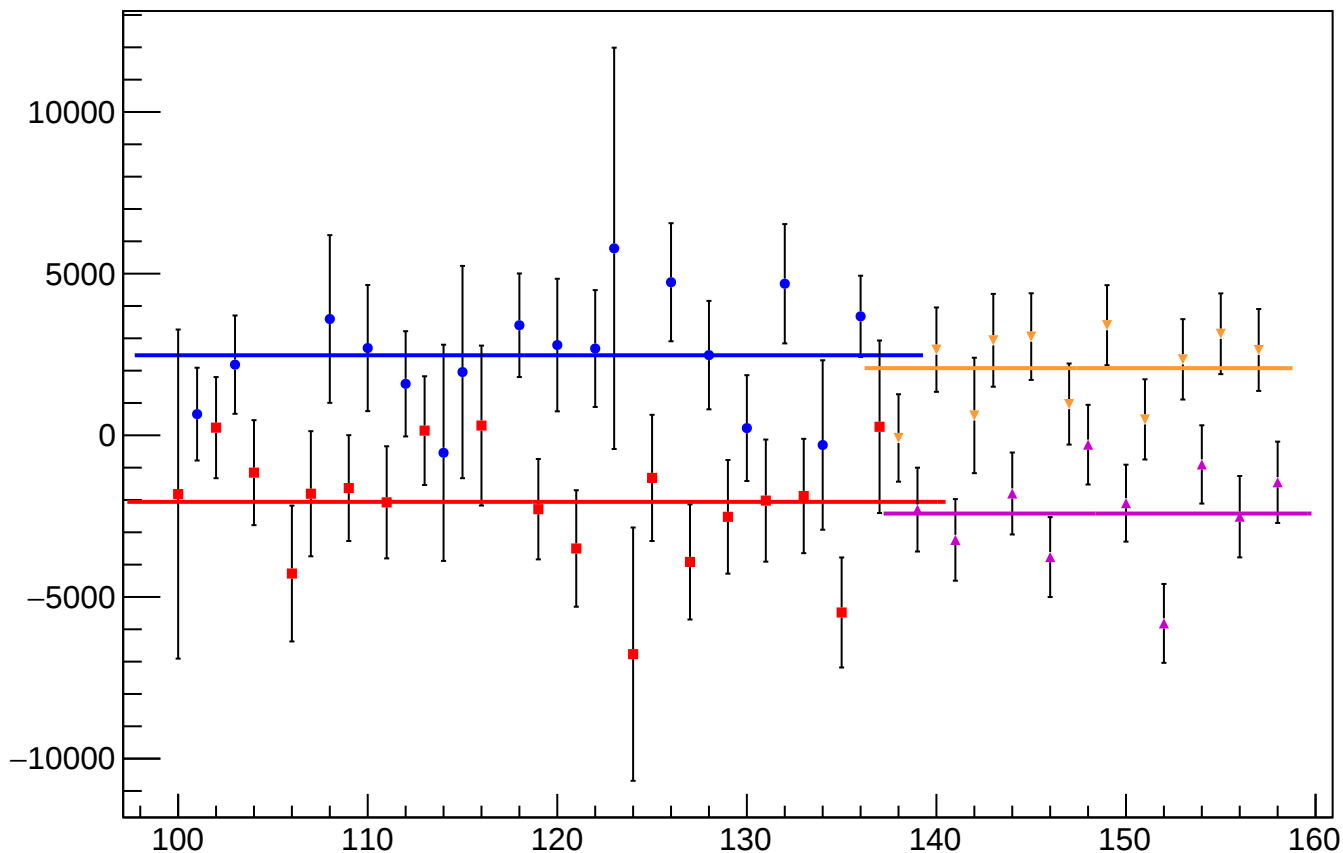
Left In: 1874.193+/-0.464 χ^2/NDF : 195534.8/9

+ sign 1662.814+/-0.317 χ^2/NDF : 898830.2/25

All: 1668.548+/-0.221 χ^2/NDF : 1908406.9/53

- sign 1673.956+/-0.308 χ^2/NDF : 1008942.7/27

dit_asym_usr_mean vs Slug



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

Left Out: 2076.946+/-397.135 χ^2/NDF : 8.8/10

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

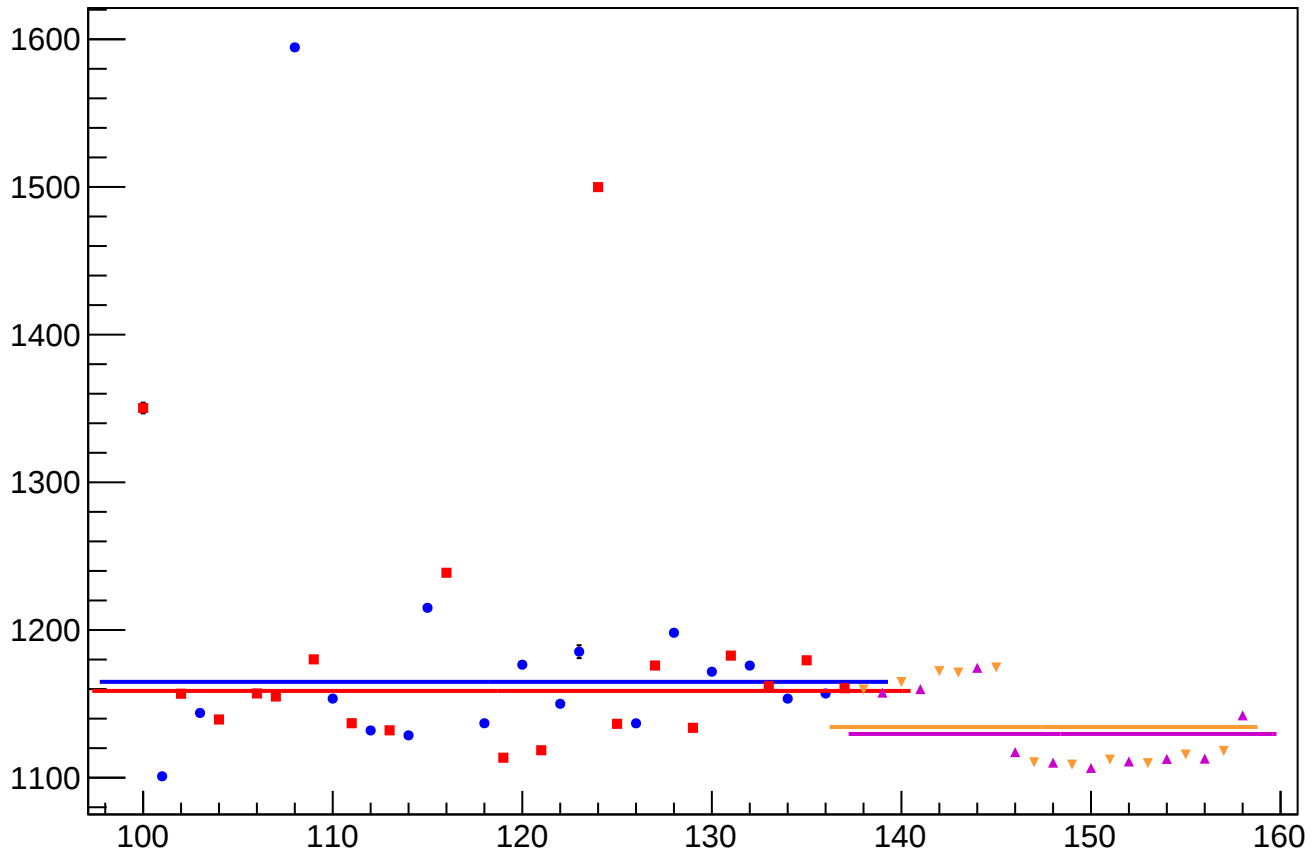
Left In: -2419.772+/-392.796 χ^2/NDF : 14.8/9

+ sign 2251.631+/-297.582 χ^2/NDF : 19.8/27

All: -52.114+/-208.093 χ^2/NDF : 166.8/56

- sign -2256.604+/-291.100 χ^2/NDF : 29.7/28

dit_asym_usr_rms vs Slug



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

Left Out: 1134.305 ± 0.281 χ^2/NDF : 9573.2/10

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

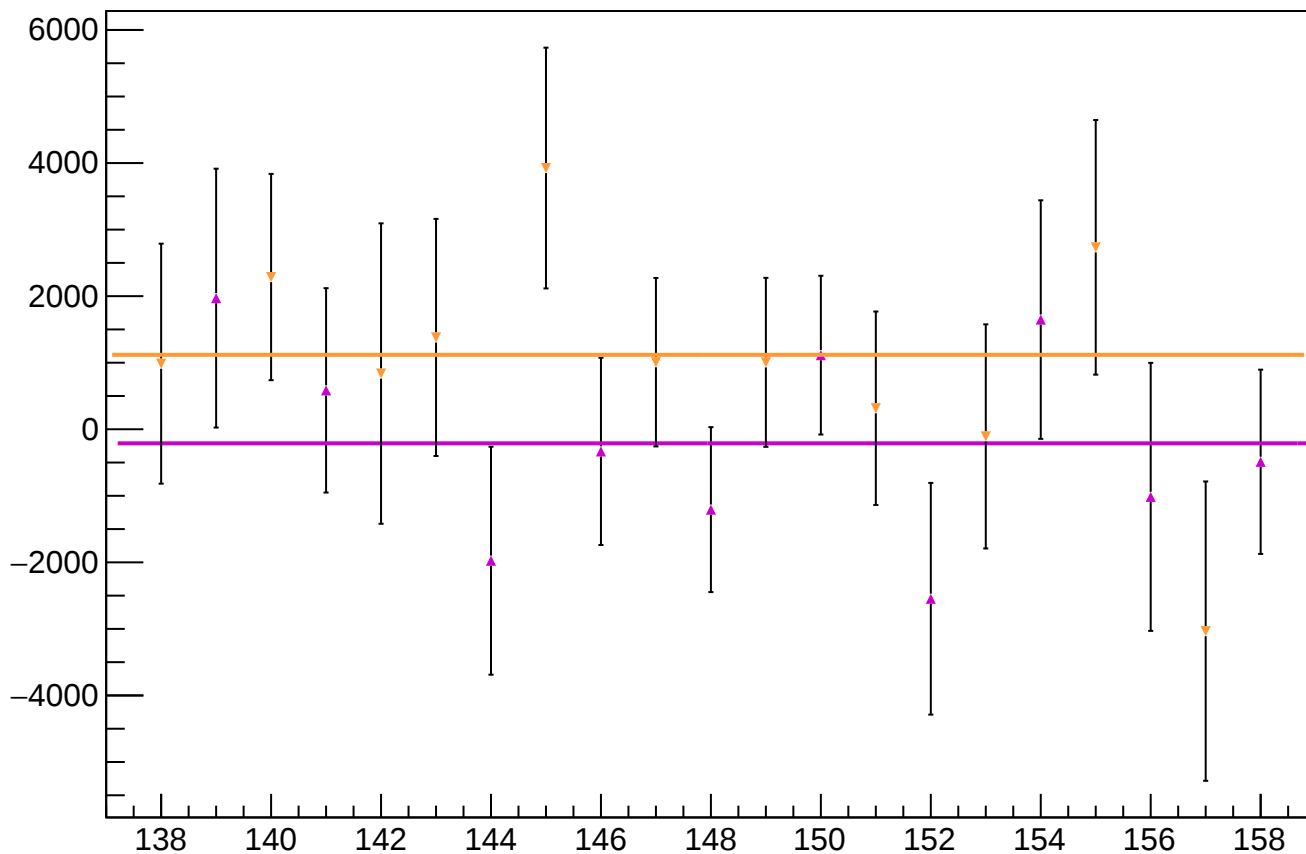
Left In: 1129.613 ± 0.278 χ^2/NDF : 7438.6/9

+ sign 1147.723 ± 0.210 χ^2/NDF : 77916.3/27

All: 1145.182 ± 0.147 χ^2/NDF : 116327.1/56

- sign 1142.751 ± 0.206 χ^2/NDF : 38125.4/28

asym_usr_correction_mean vs Slug



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

Left Out: 1118.382+/-494.928 χ^2/NDF : 8.0/10

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

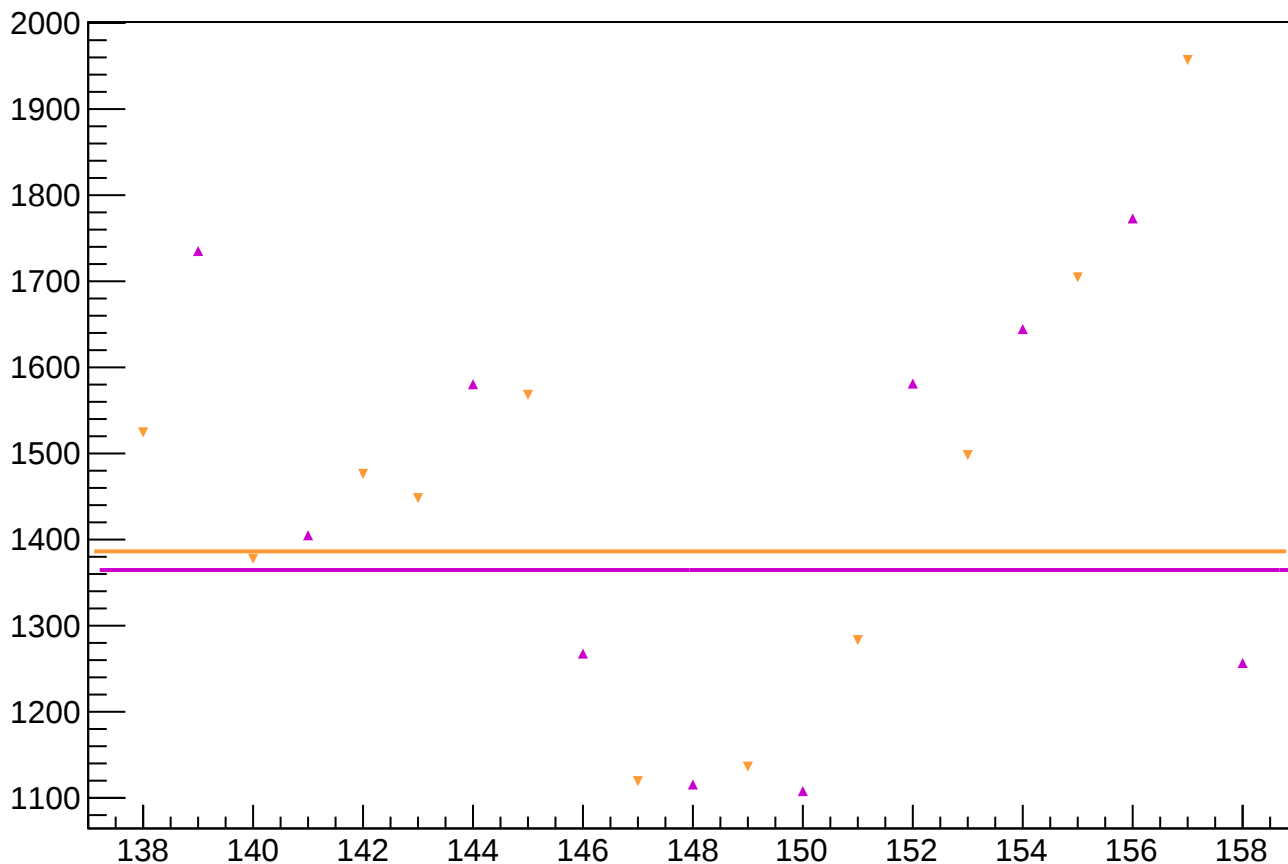
Left In: -211.447+/-482.354 χ^2/NDF : 7.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 436.360+/-345.436 χ^2/NDF : 19.2/20

- 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: 1386.370+/-0.350 χ^2/NDF : 407092.8/10

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

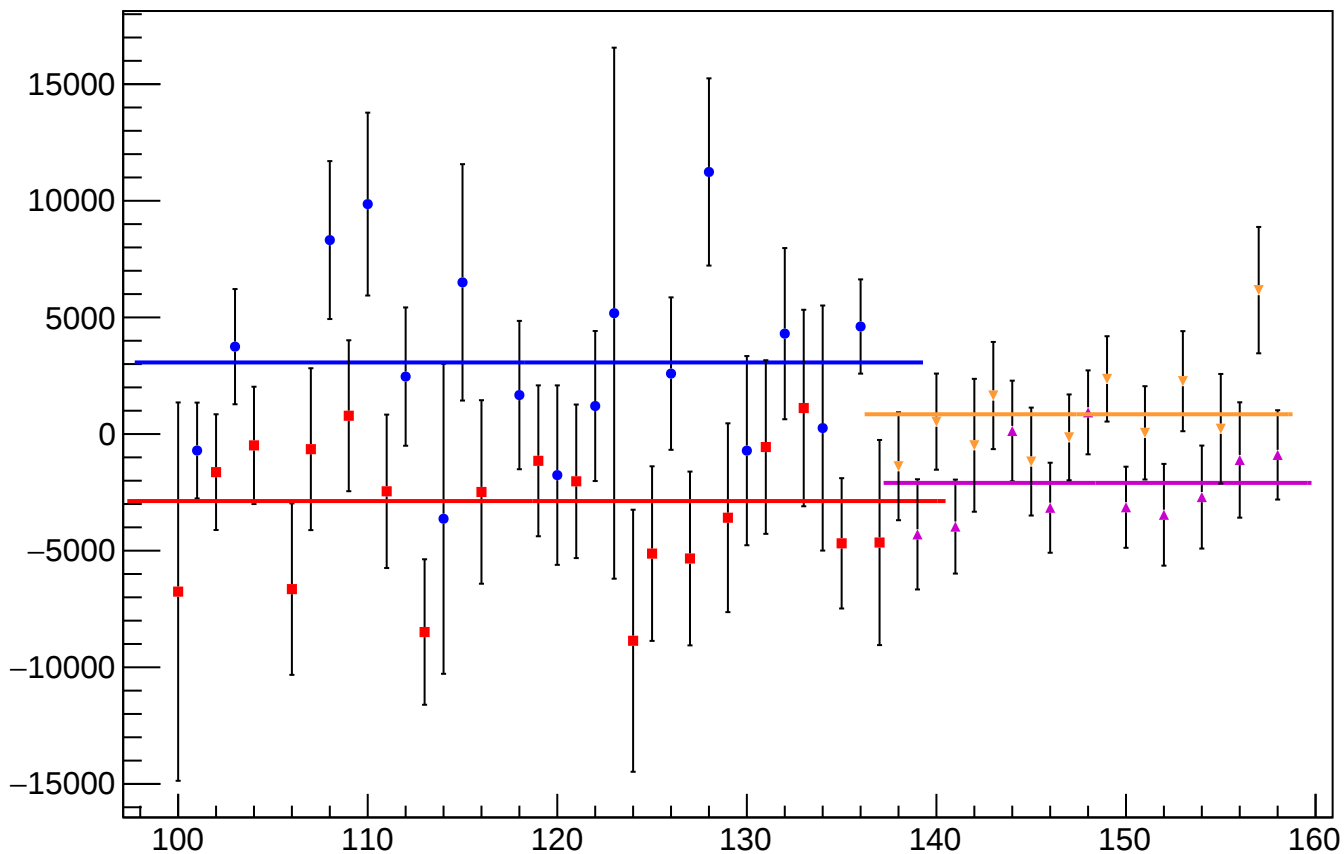
Left In: 1364.643+/-0.341 χ^2/NDF : 462792.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.227+/-0.244 χ^2/NDF : 871862.1/20

- 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: 848.195 $\pm$ 659.192 χ^2 /NDF: 7.6/10

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

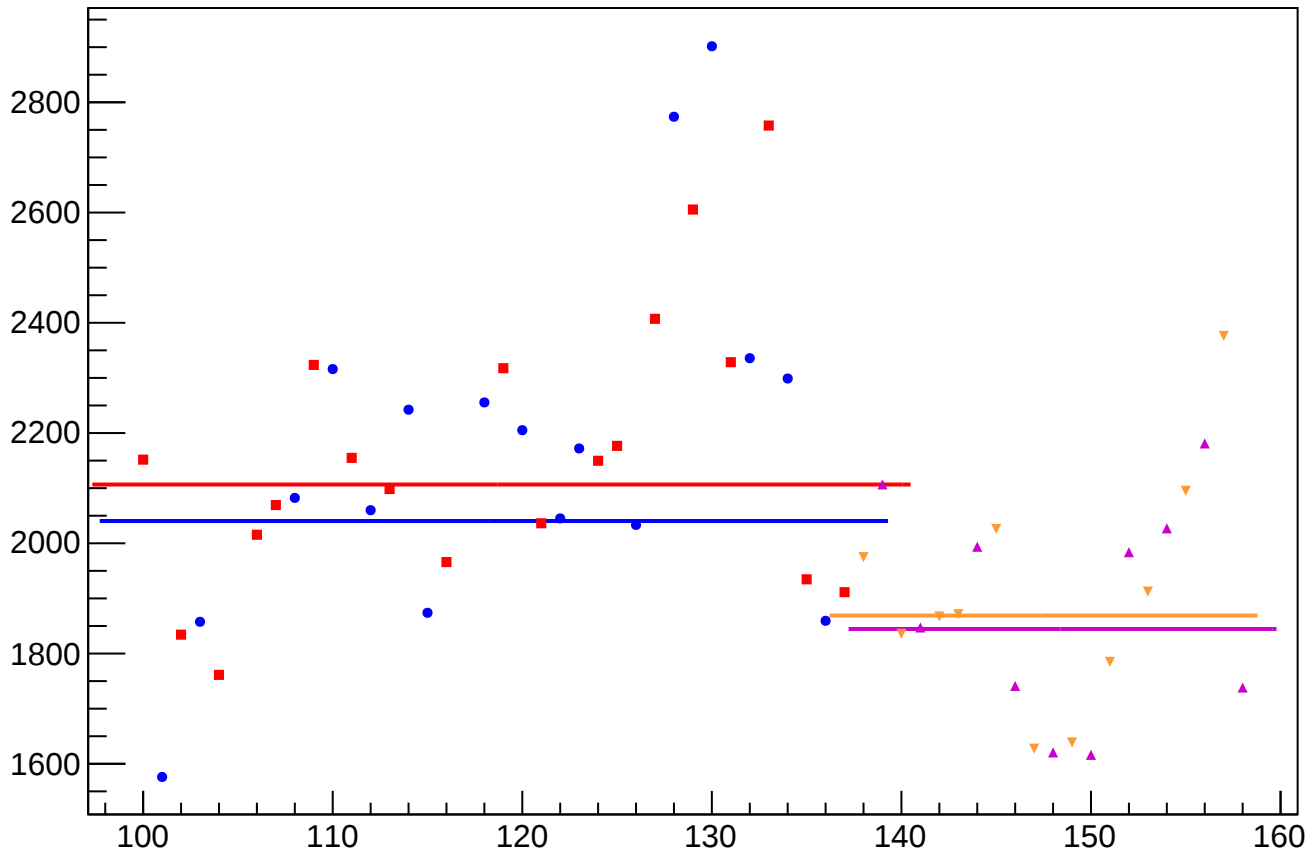
Left In: -2094.250 $\pm$ 645.428 χ^2 /NDF: 7.3/9

+ sign 1749.496 $\pm$ 508.153 χ^2 /NDF: 30.7/27

All: -355.628 $\pm$ 356.824 χ^2 /NDF: 84.0/56

- sign -2403.306 $\pm$ 501.171 χ^2 /NDF: 19.5/28

asym_usr_rms vs Slug



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

Left Out: 1868.902+/-0.466 χ^2/NDF :173178.2/10

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

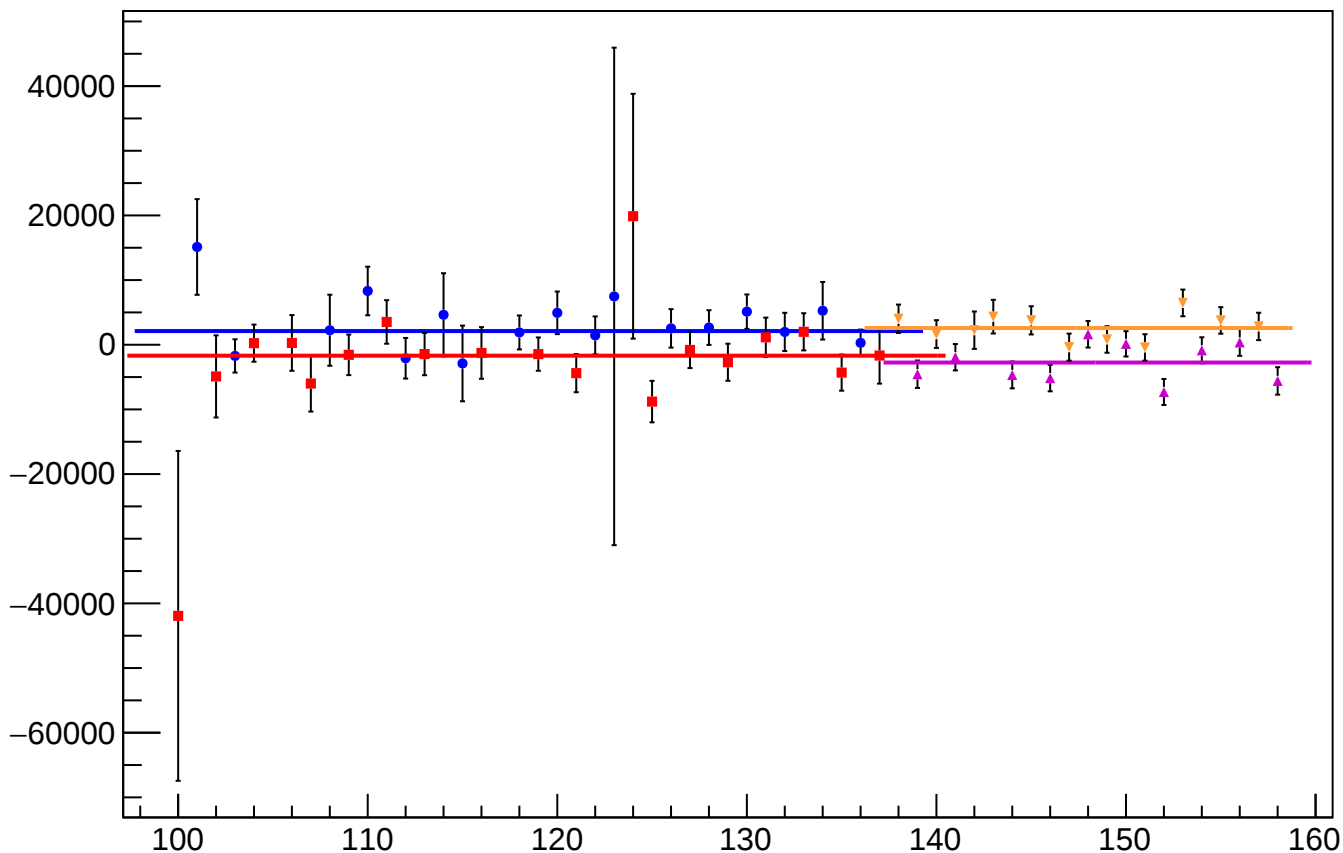
Left In: 1844.588+/-0.456 χ^2/NDF :170464.3/9

+ sign 1938.502+/-0.359 χ^2/NDF : 559466.7/27

All: 1943.637+/-0.252 χ^2/NDF : 1056639.0/56

- sign 1948.631+/-0.354 χ^2/NDF : 496769.4/28

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2582.252 $\pm$ 658.908 χ^2 /NDF:10.2/10

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

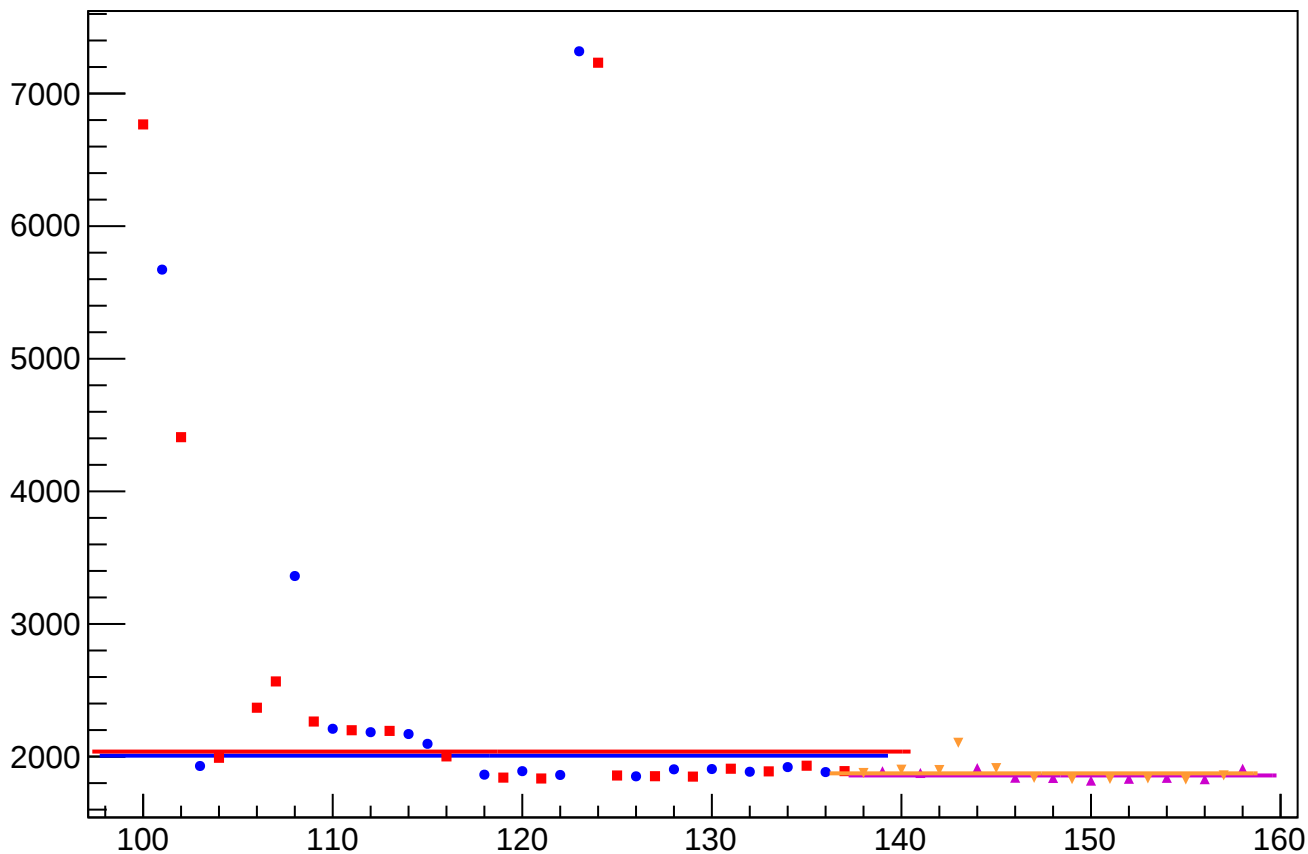
Left In: -2750.275 $\pm$ 648.685 χ^2 /NDF:19.9/9

+ sign 2392.219 $\pm$ 507.519 χ^2 /NDF: 24.5/27

All: 0.625 $\pm$ 356.169 χ^2 /NDF: 106.7/56

- sign -2320.293 $\pm$ 499.964 χ^2 /NDF: 38.4/28

dit_asym_at1_avg_rms vs Slug



Right In: 2007.037+/-0.563 χ^2/NDF : 702361.7/16

Left Out: 1873.599+/-0.466 χ^2/NDF : 20972.3/10

Right Out: 2037.781+/-0.555 χ^2/NDF : 618966.5/18

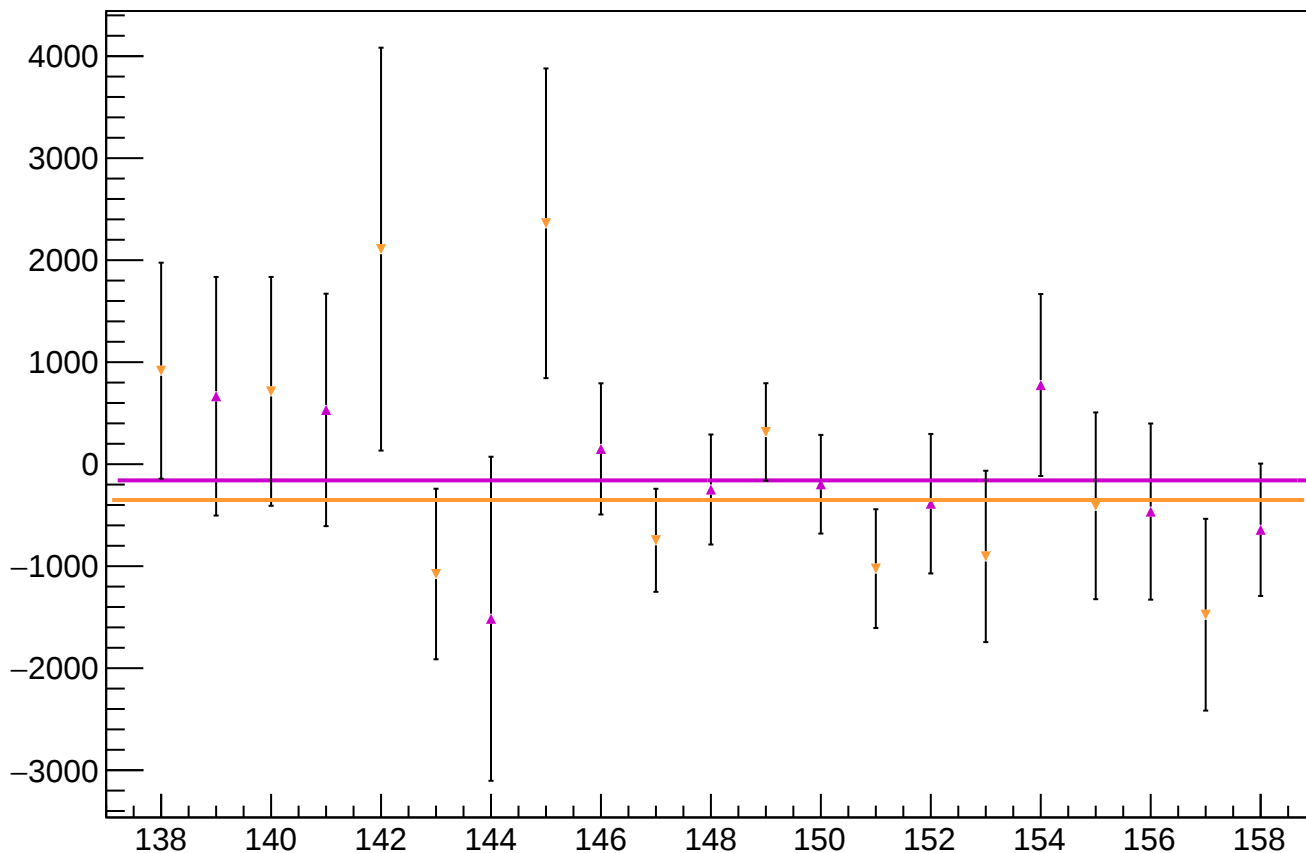
Left In: 1857.739+/-0.459 χ^2/NDF : 5133.1/9

+ sign 1927.872+/-0.359 χ^2/NDF : 756695.5/27

All: 1929.374+/-0.252 χ^2/NDF : 1443376.2/56

- sign 1930.831+/-0.354 χ^2/NDF : 686646.2/28

asym_at1_avg_correction_mean vs Slug



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

Left Out: -351.099+/-230.678 χ^2/NDF :13.6/10

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

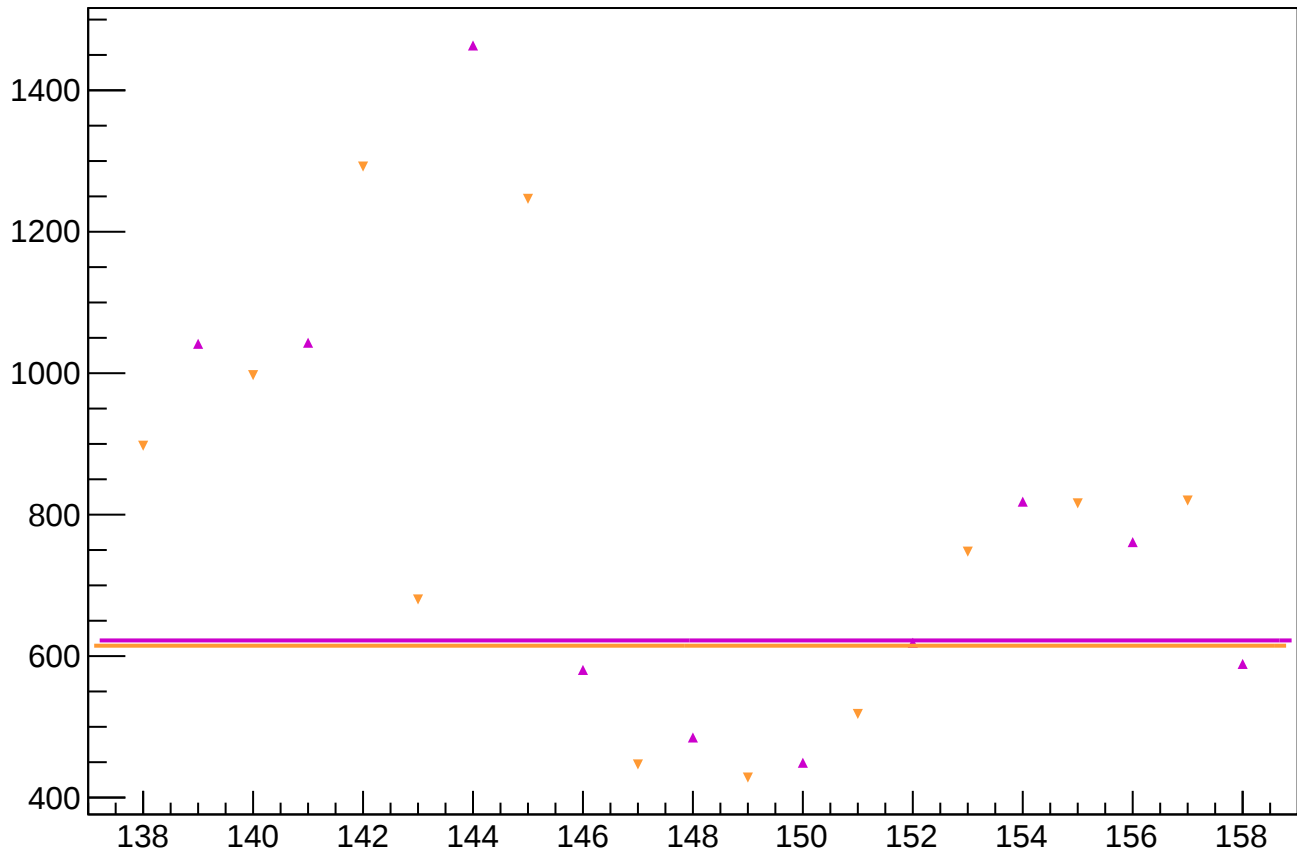
Left In: -158.727+/-228.564 χ^2/NDF :3.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.027+/-162.361 χ^2/NDF : 17.7/20

- 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: 614.713+/-0.163 χ^2/NDF :1791220.2/10

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

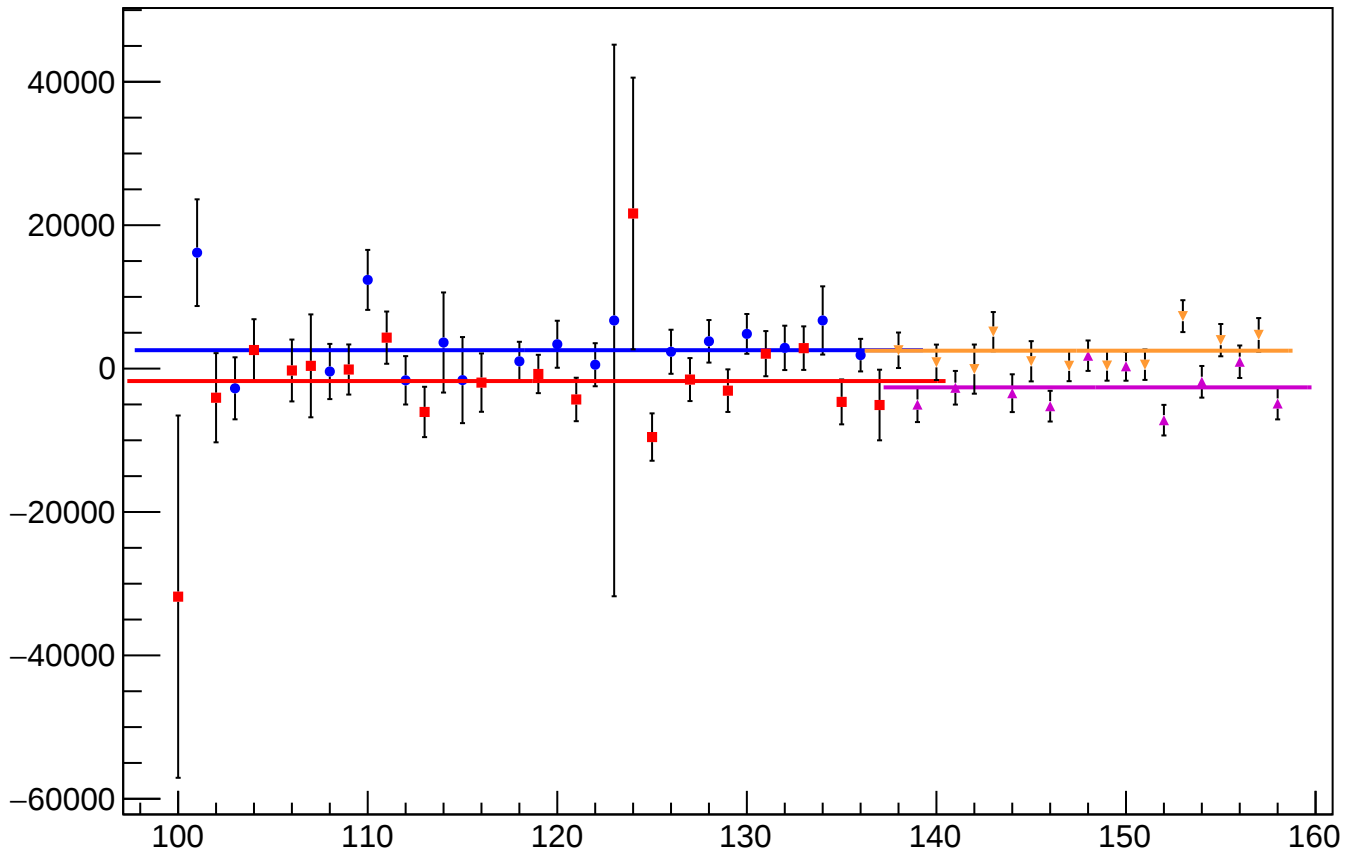
Left In: 622.160+/-0.162 χ^2/NDF :1638658.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.471+/-0.115 χ^2/NDF : 3430930.2/20

- 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: 2496.543 $\pm$ 721.442 χ^2 /NDF:11.0/10

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

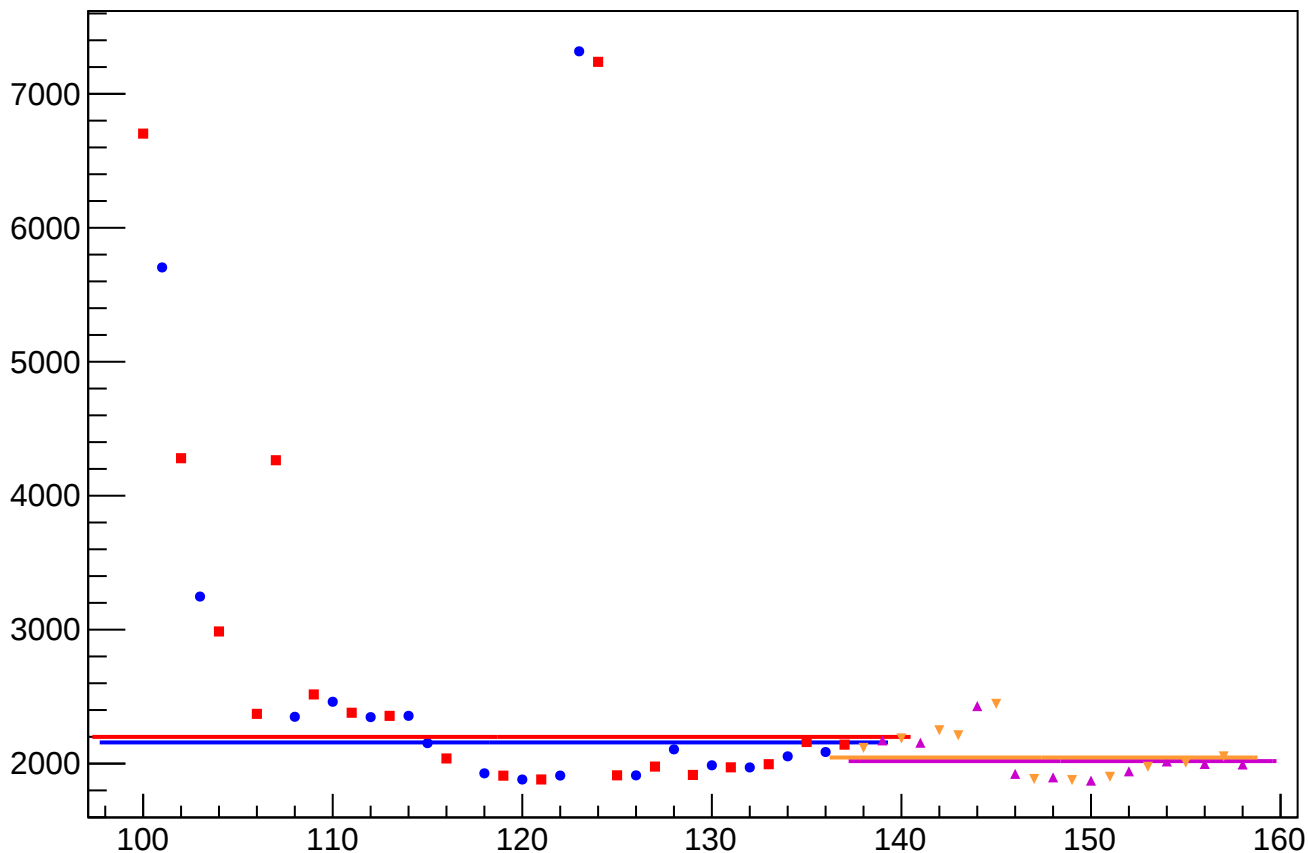
Left In: -2617.510 $\pm$ 706.708 χ^2 /NDF:17.3/9

+ sign 2525.717 $\pm$ 551.672 χ^2 /NDF: 26.6/27

All: 100.695 $\pm$ 387.439 χ^2 /NDF: 103.1/56

- sign -2259.491 $\pm$ 544.247 χ^2 /NDF: 38.4/28

asym_at1_avg_rms vs Slug



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

Left Out: 2045.555 $\pm$ 0.510 χ^2 /NDF:99401.0/10

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

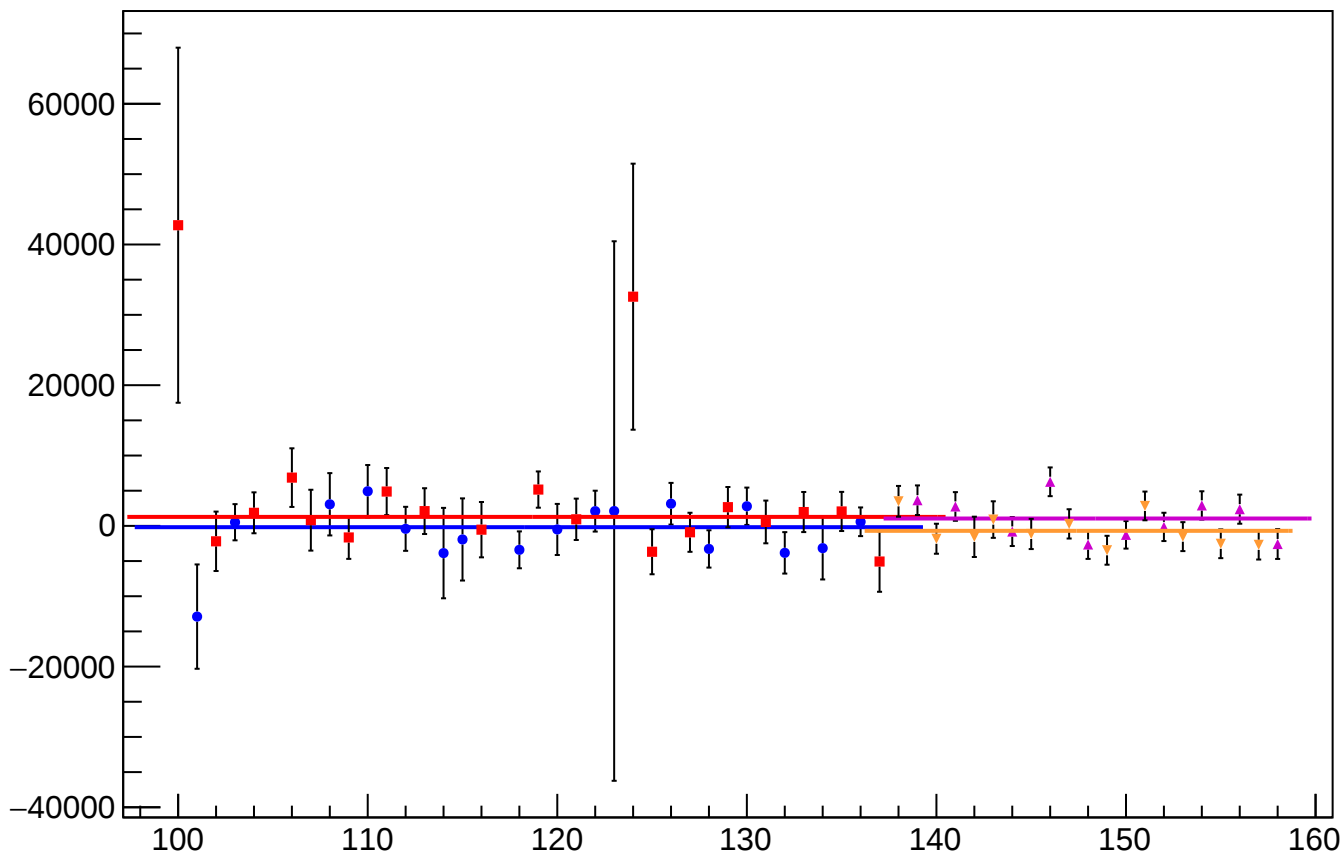
Left In: 2018.680 $\pm$ 0.500 χ^2 /NDF:87313.8/9

+ sign 2092.311 $\pm$ 0.390 χ^2 /NDF: 833492.1/27

All: 2092.253 $\pm$ 0.274 χ^2 /NDF: 1777014.5/56

- sign 2092.196 $\pm$ 0.385 χ^2 /NDF: 943522.4/28

dit_asym_at1_dd_mean vs Slug



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

Left Out: -702.821+/-655.535 χ^2 /NDF: 11.4/10

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

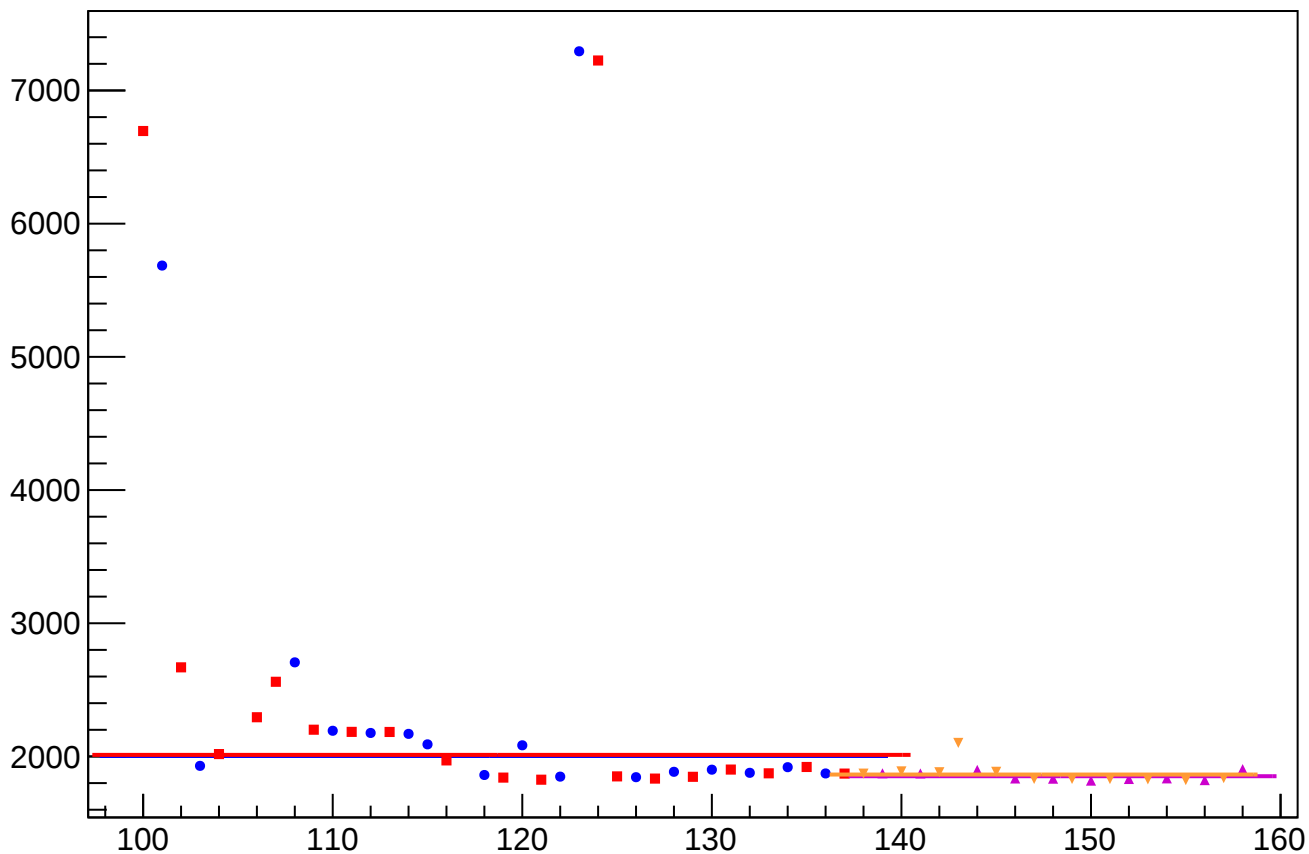
Left In: 1047.445+/-646.526 χ^2 /NDF: 18.8/9

+ sign -492.169+/-505.093 χ^2 /NDF: 25.6/27

All: 340.346+/-353.811 χ^2 /NDF: 68.0/56

- sign 1142.403+/-495.767 χ^2 /NDF: 37.1/28

dit_asym_at1_dd_rms vs Slug



Right In: 2003.545 $\pm$ 0.560 χ^2 /NDF: 634133.6/16

Left Out: 1864.178 $\pm$ 0.464 χ^2 /NDF: 20610.0/10

Right Out: 2011.800 $\pm$ 0.546 χ^2 /NDF: 377955.0/18

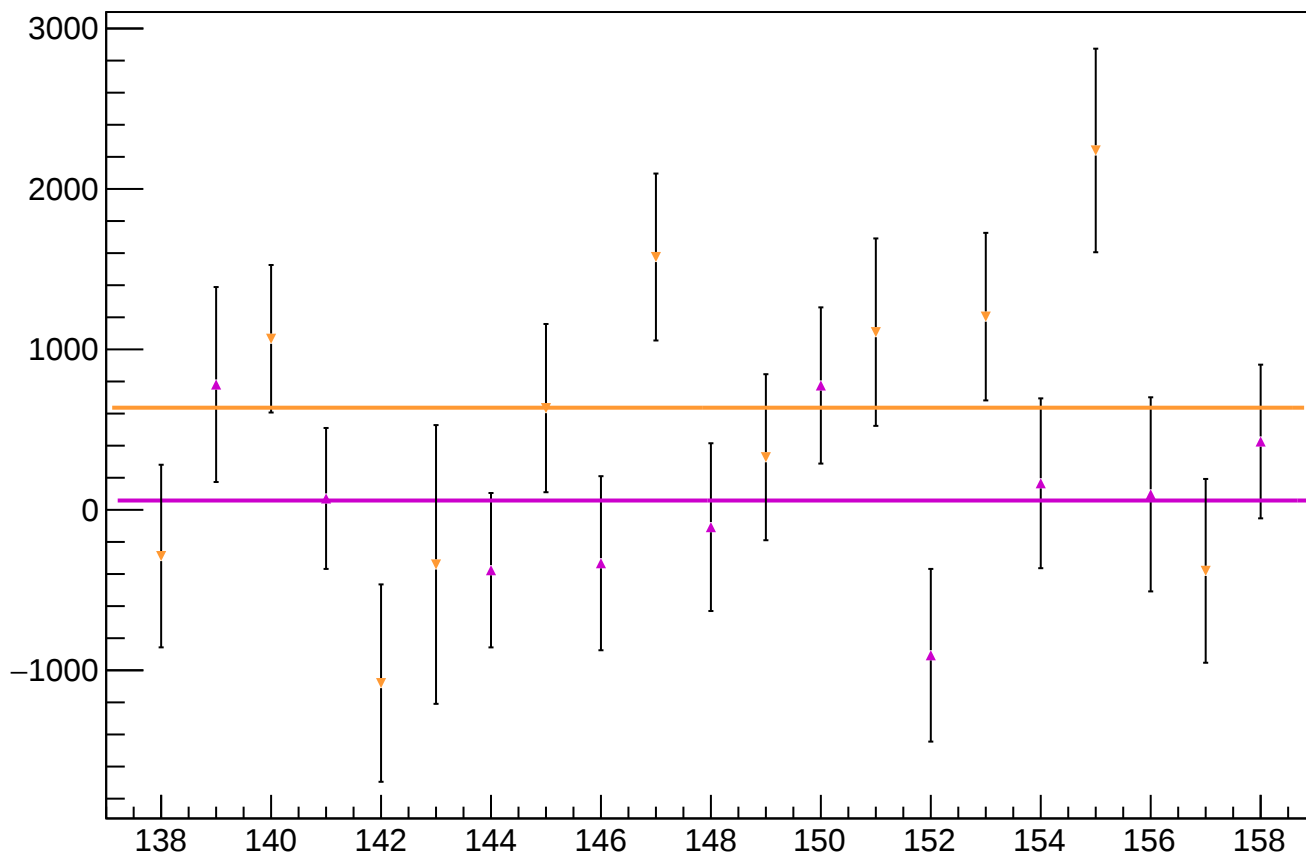
Left In: 1851.655 $\pm$ 0.457 χ^2 /NDF: 4364.1/9

+ sign 1920.806 $\pm$ 0.357 χ^2 /NDF: 691473.9/27

All: 1919.190 $\pm$ 0.250 χ^2 /NDF: 1124389.6/50

- sign 1917.633 $\pm$ 0.351 χ^2 /NDF: 432875.5/28

asym_at1_dd_correction_mean vs Slug



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

Left Out: 636.662+/-169.056 χ^2/NDF : 27.5/10

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

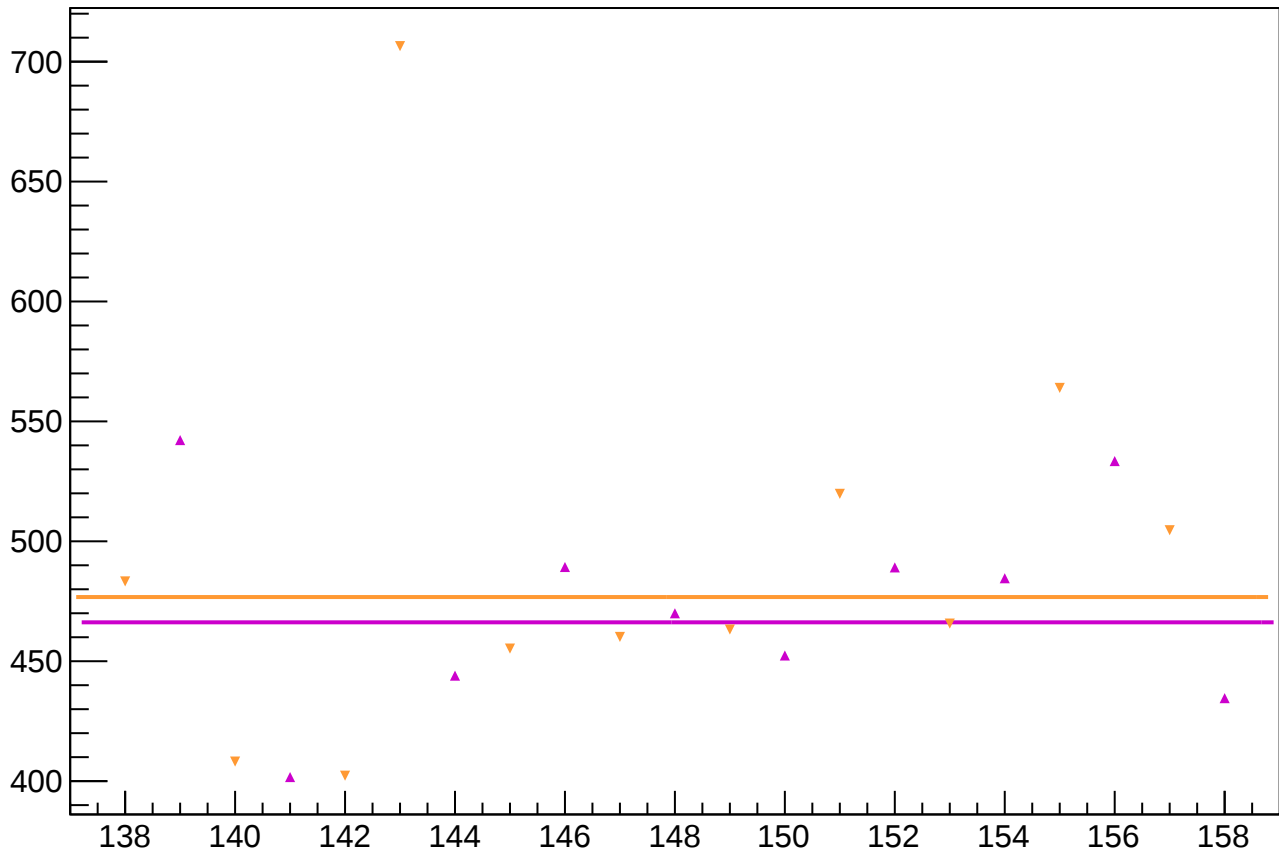
Left In: 58.160+/-163.074 χ^2/NDF : 8.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.995+/-117.368 χ^2/NDF : 42.5/20

- 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: 476.758+/-0.120 χ^2/NDF : 275024.6/10

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

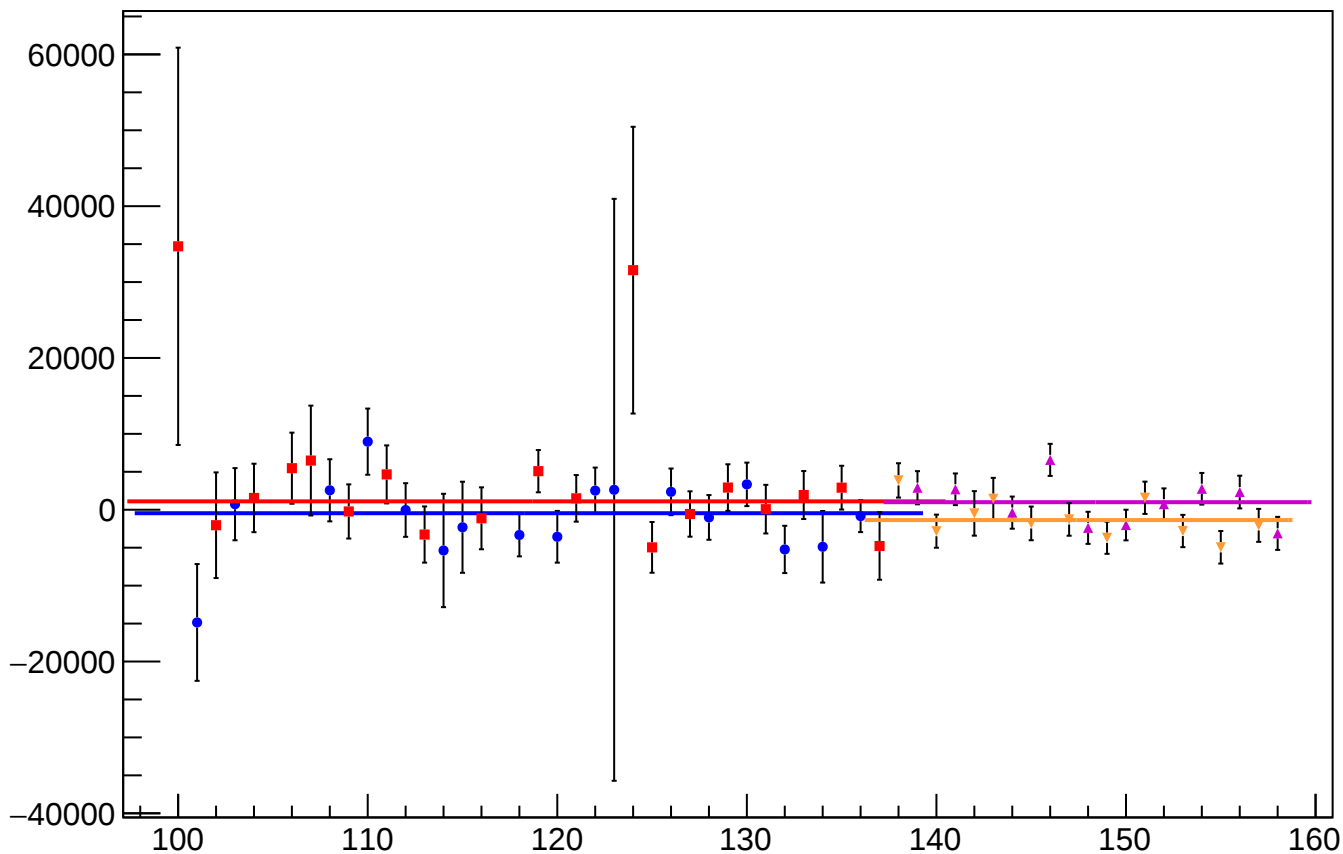
Left In: 466.218+/-0.115 χ^2/NDF : 123499.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.298+/-0.083 χ^2/NDF : 402551.7/20

- 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: -1362.465+/-679.206 χ^2/NDF :13.4/10

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

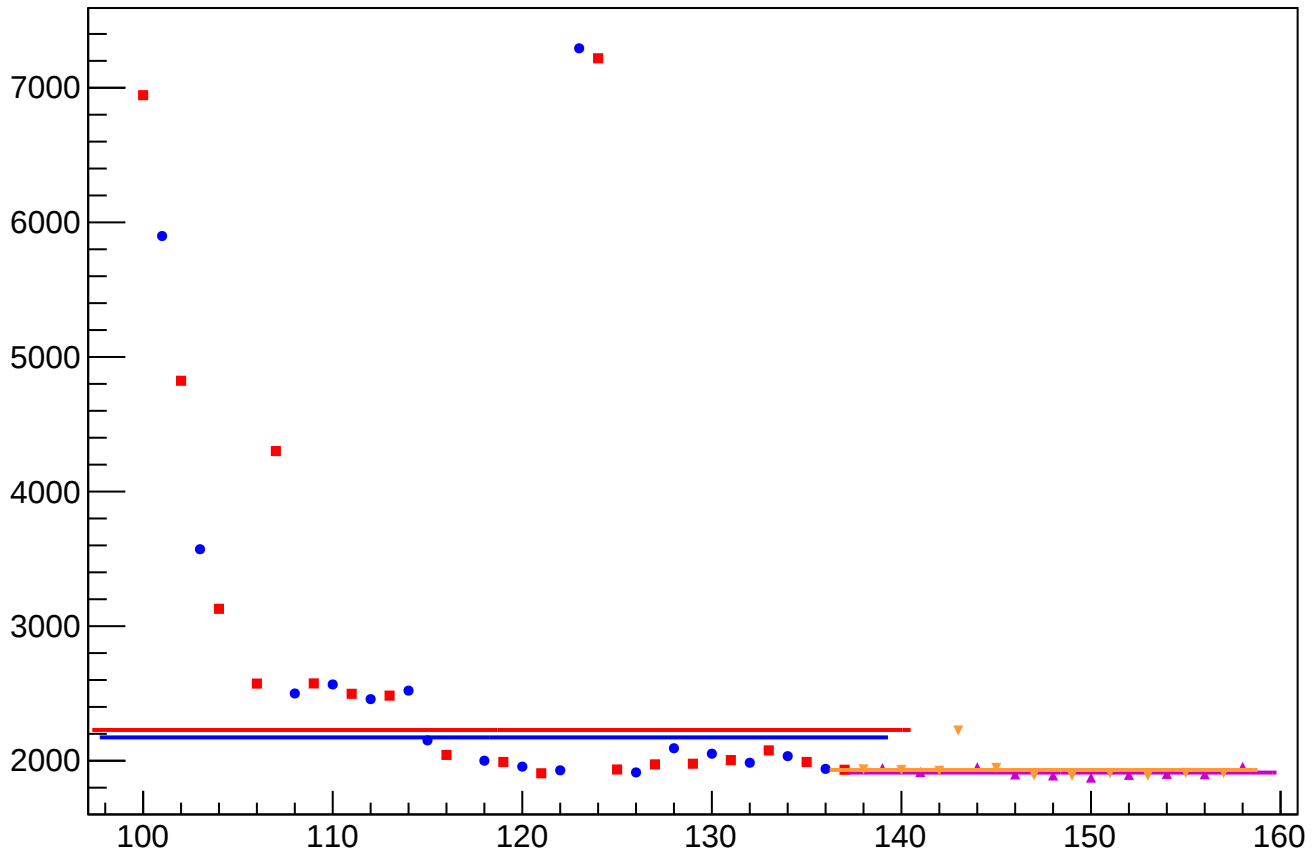
Left In: 995.688+/-667.590 χ^2/NDF :18.3/9

+ sign -1017.696+/-534.239 χ^2/NDF : 32.2/27

All: 19.350+/-375.893 χ^2/NDF : 74.8/56

- sign 1036.110+/-528.987 χ^2/NDF : 35.2/28

asym_at1_dd_rms vs Slug



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

Left Out: 1931.460+/-0.480 χ^2/NDF : 25808.3/10

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

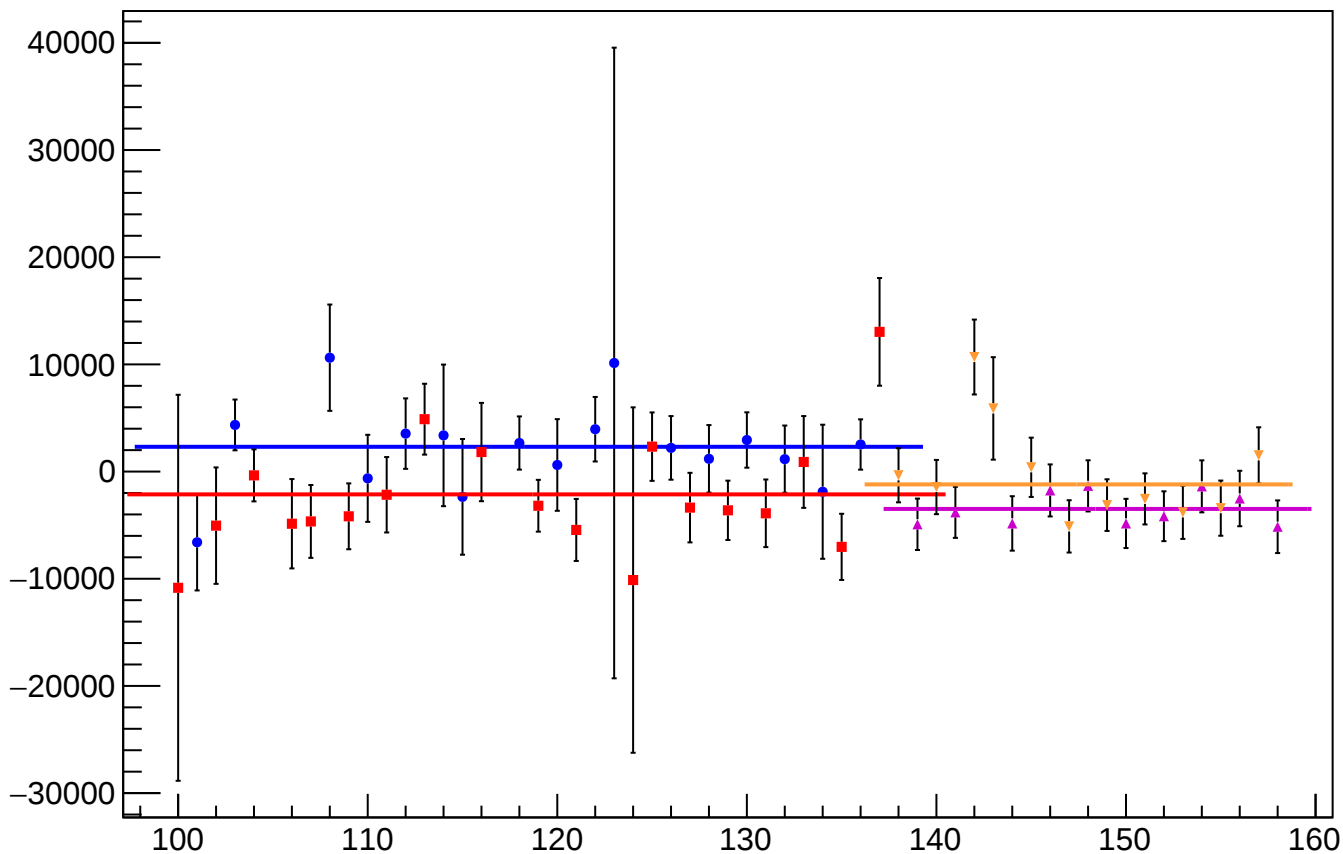
Left In: 1912.279+/-0.472 χ^2/NDF : 3197.5/9

+ sign 2023.765+/-0.378 χ^2/NDF : 928039.4/27

All: 2026.964+/-0.266 χ^2/NDF : 1994644.8/56

- sign 2030.100+/-0.374 χ^2/NDF : 1066463.4/28

dit_asym_at2_avg_mean vs Slug



Right In: 2311.075 $\pm$ 821.924 χ^2 /NDF: 10.2/16

Left Out: -1199.070 $\pm$ 804.411 χ^2 /NDF:20.7/10

Right Out: -2128.072 $\pm$ 791.943 χ^2 /NDF: 24.3/18

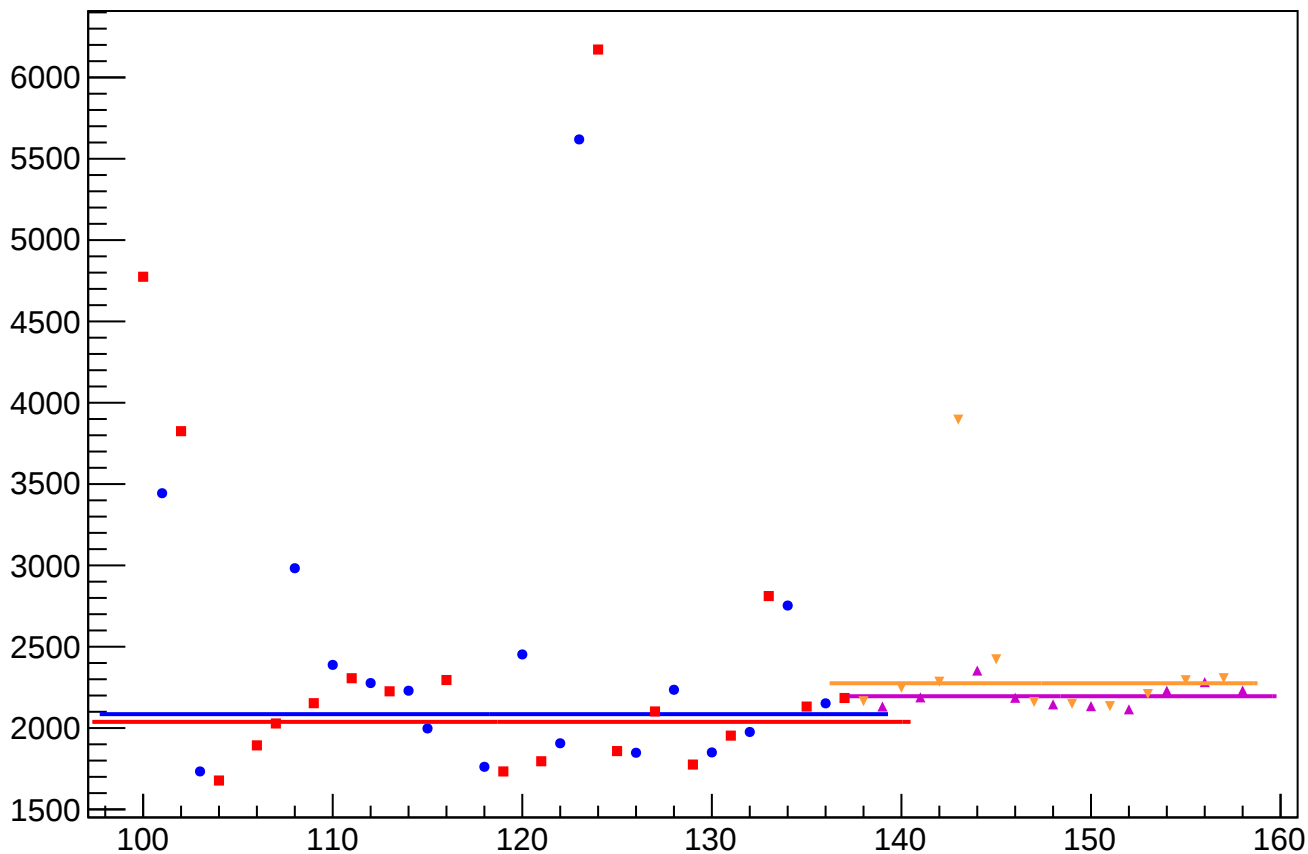
Left In: -3485.737 $\pm$ 764.716 χ^2 /NDF:3.8/9

+ sign 518.208 $\pm$ 574.896 χ^2 /NDF: 40.3/27

All: -1229.966 $\pm$ 397.460 χ^2 /NDF: 87.5/56

- sign -2830.644 $\pm$ 550.110 χ^2 /NDF: 29.6/28

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2275.352+/-0.569 χ^2/NDF : 258342.4/10

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

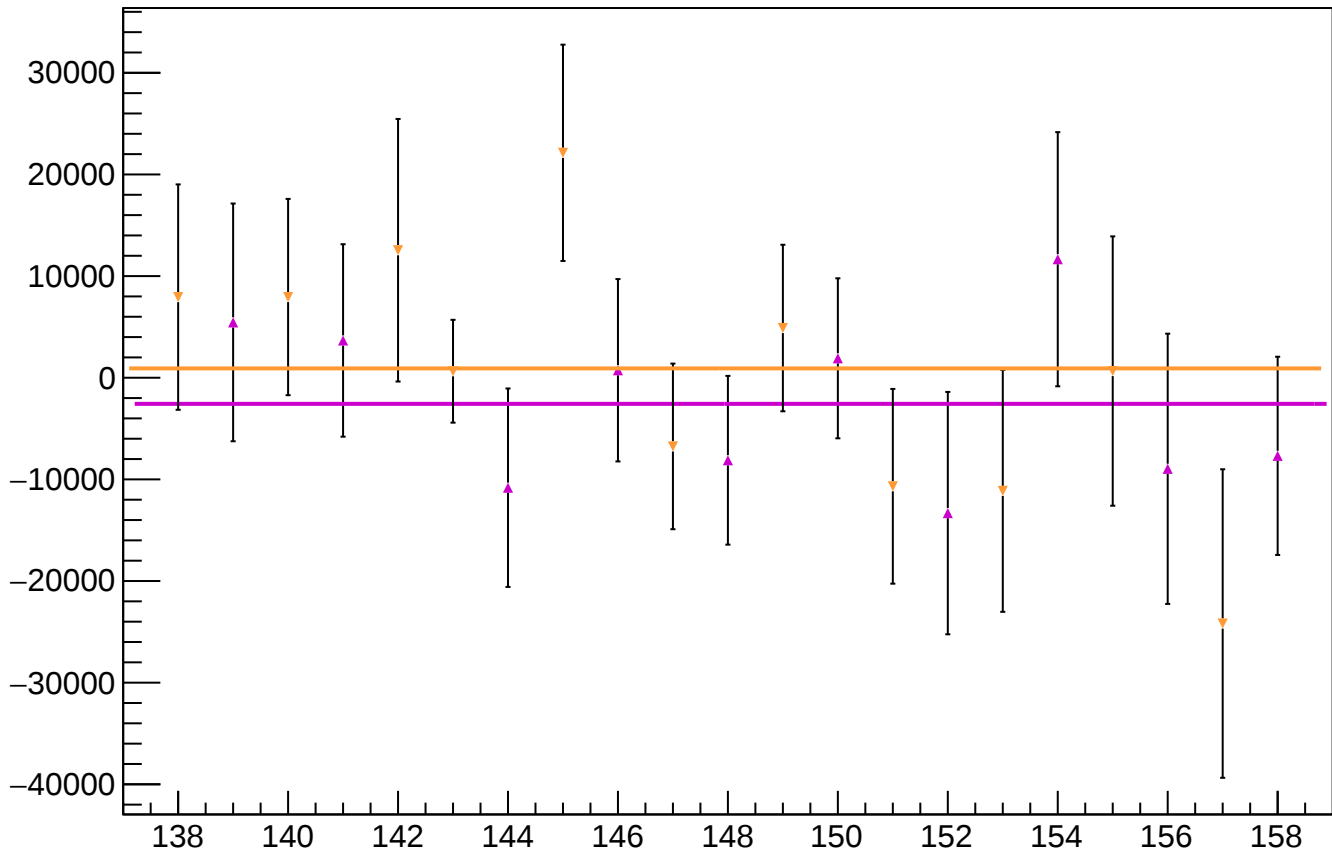
Left In: 2195.674+/-0.541 χ^2/NDF : 16870.5/9

+ sign 2182.455+/-0.407 χ^2/NDF : 769929.4/27

All: 2149.642+/-0.281 χ^2/NDF : 1449495.9/56

- sign 2119.604+/-0.389 χ^2/NDF : 667087.0/28

asym_at2_avg_correction_mean vs Slug



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

Left Out: 920.066+/-2765.769 χ^2/NDF :12.1/10

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

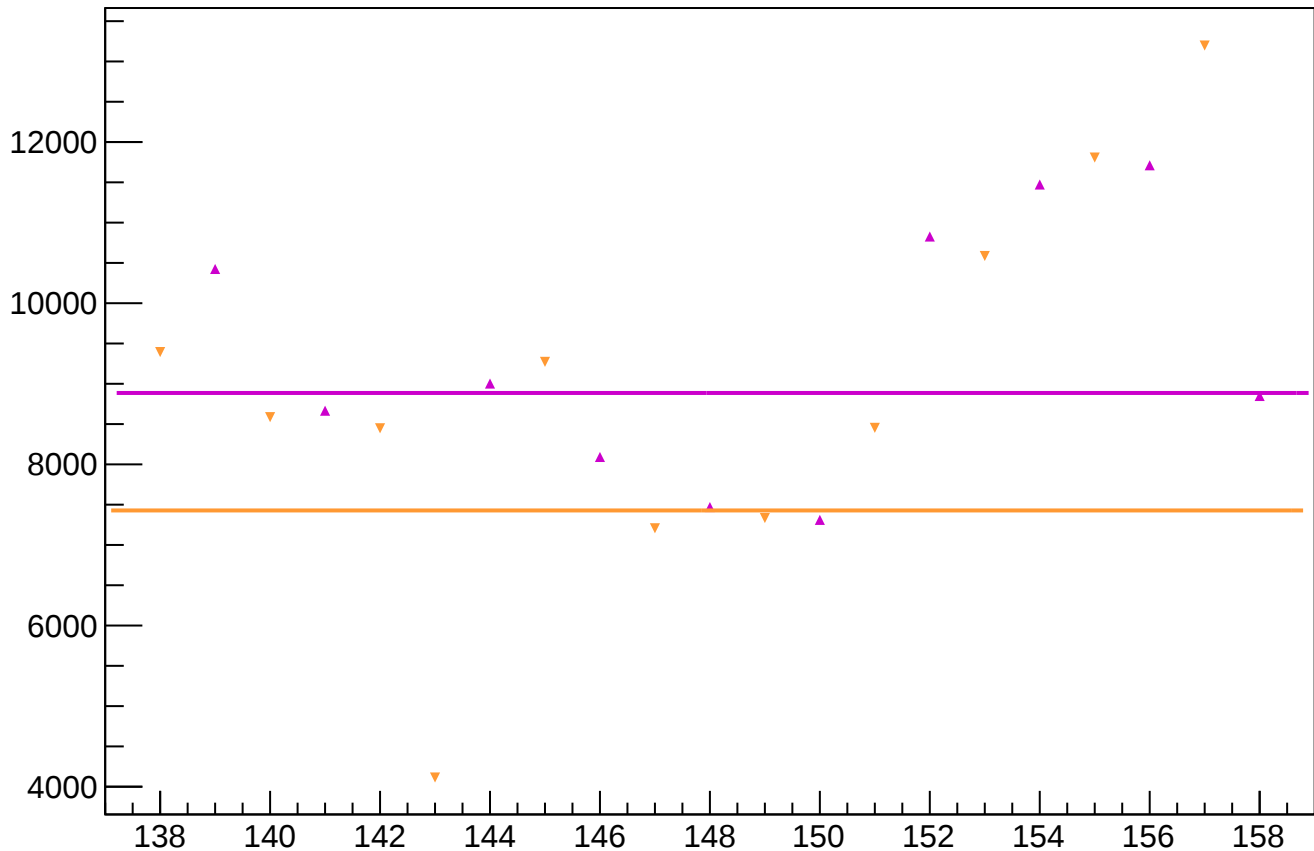
Left In: -2569.567+/-3136.643 χ^2/NDF :5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -606.344+/-2074.487 χ^2/NDF : 17.9/20

- 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: 7428.221+/-1.956 χ^2/NDF :1695487.9/10

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

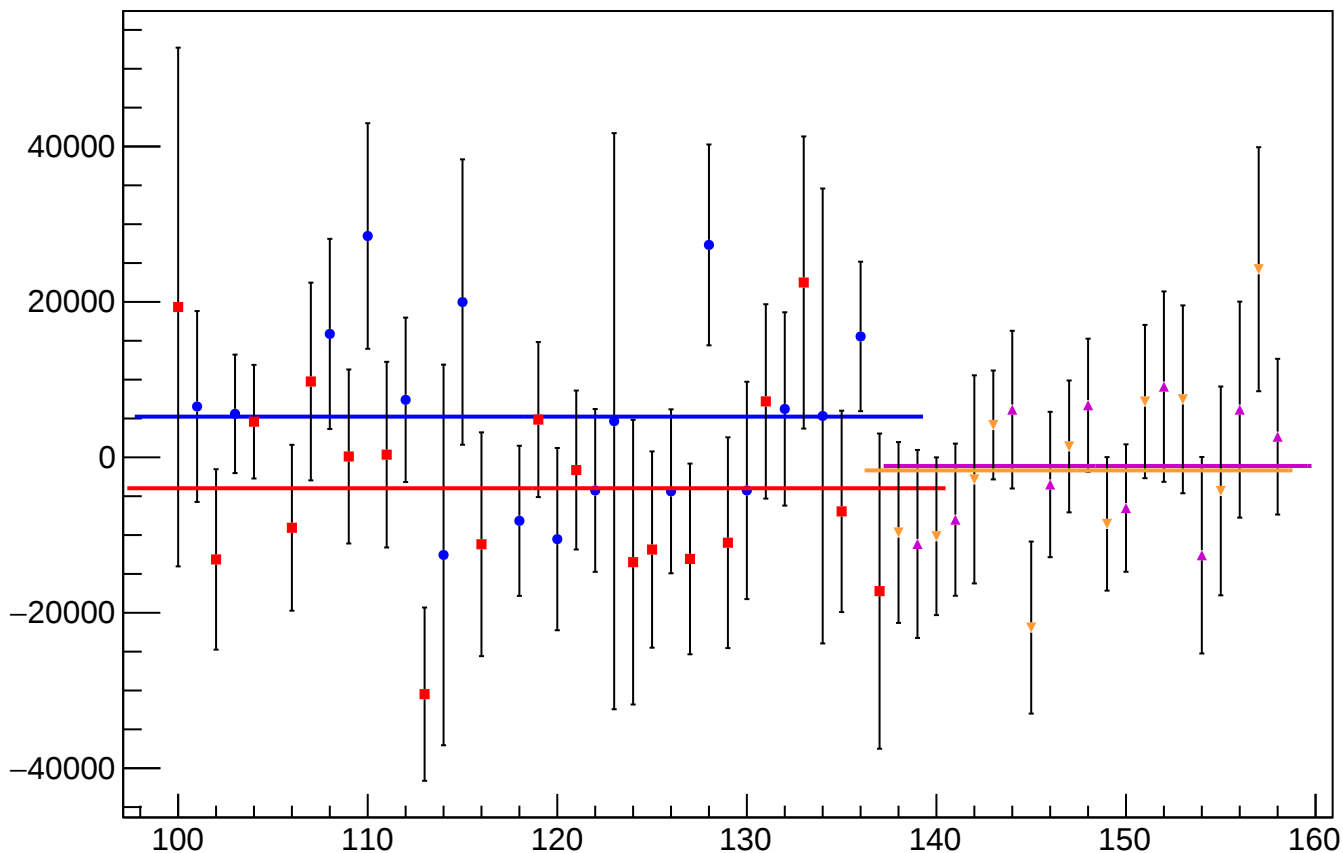
Left In: 8886.187+/-2.218 χ^2/NDF :418902.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8065.954+/-1.467 χ^2/NDF : 2357490.4/20

- 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: -1679.461 $\pm$ 3080.328 χ^2 /NDF:10.1/10

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

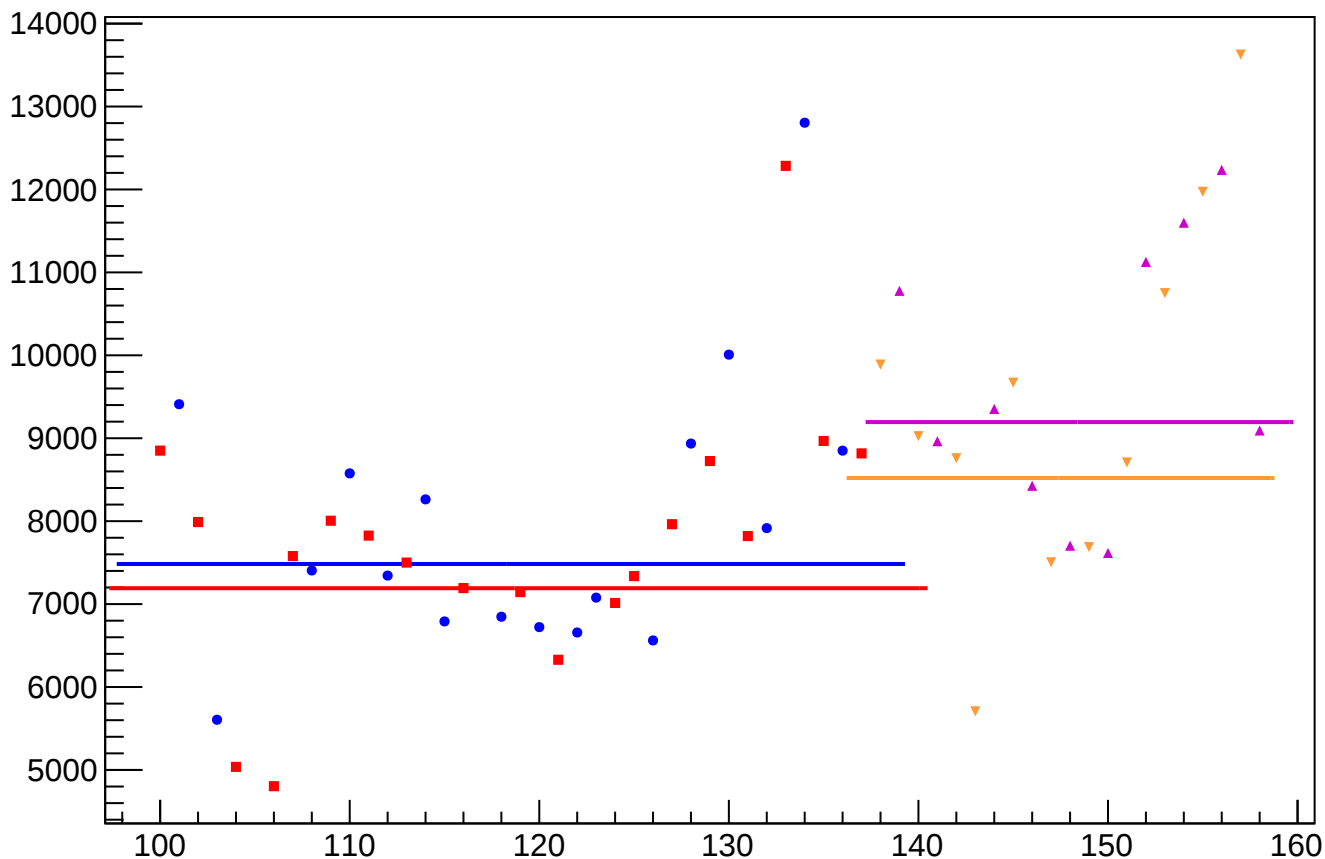
Left In: -1111.051 $\pm$ 3244.567 χ^2 /NDF:5.0/9

+ sign 1933.482 $\pm$ 2129.103 χ^2 /NDF: 27.2/27

All: -427.125 $\pm$ 1500.716 χ^2 /NDF: 50.7/56

- sign -2757.940 $\pm$ 2115.626 χ^2 /NDF: 21.0/28

asym_at2_avg_rms vs Slug



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

Left Out: 8520.524+/-2.178 χ^2/NDF : 837188.0/10

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

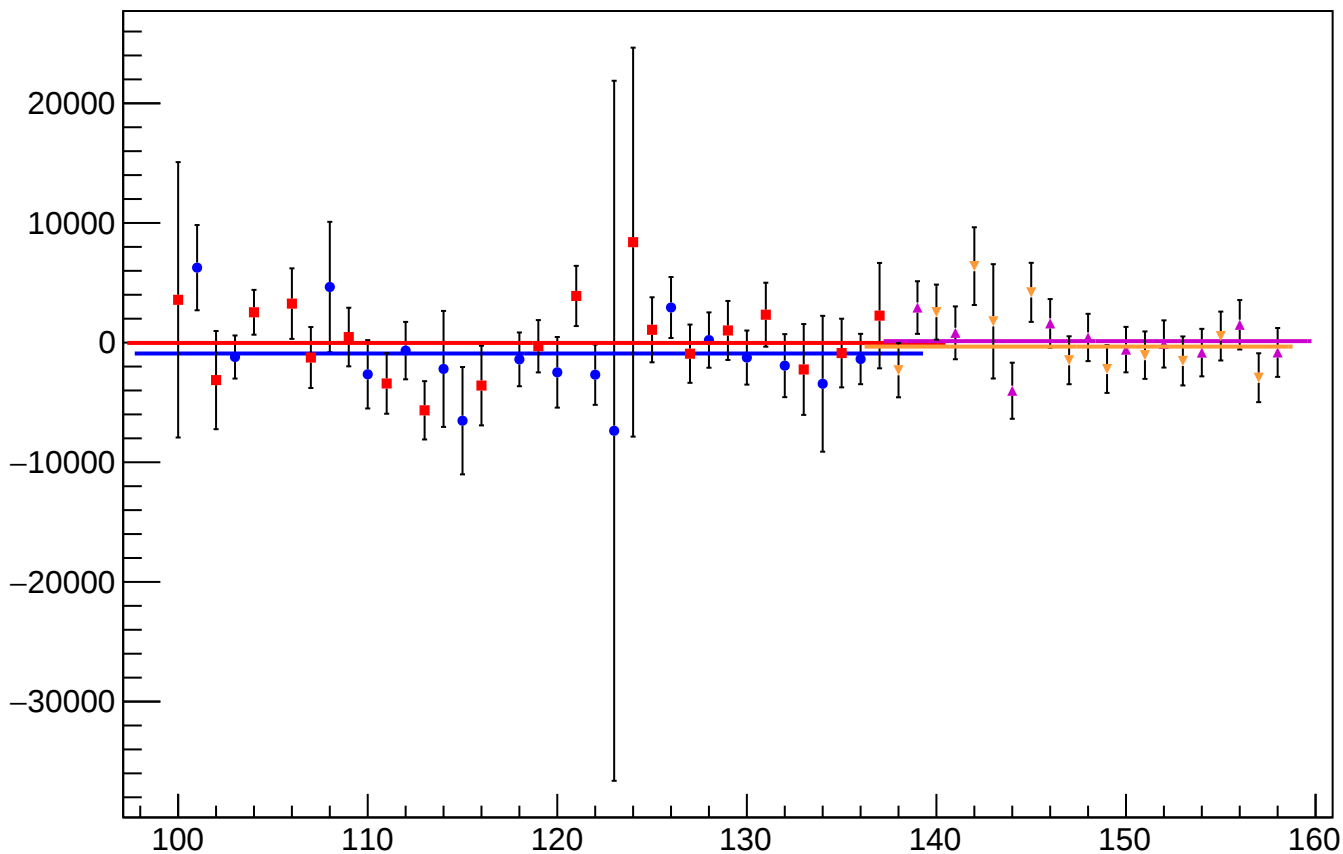
Left In: 9194.840+/-2.294 χ^2/NDF : 402244.5/9

+ sign 7979.073+/-1.505 χ^2/NDF : 1387315.9/27

All: 8011.296+/-1.061 χ^2/NDF : 2787585.5/56

- sign 8043.110+/-1.496 χ^2/NDF : 1399359.1/28

dit_asym_at2_dd_mean vs Slug



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

Left Out: -332.632 ± 680.545 χ^2/NDF : 13.7/10

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

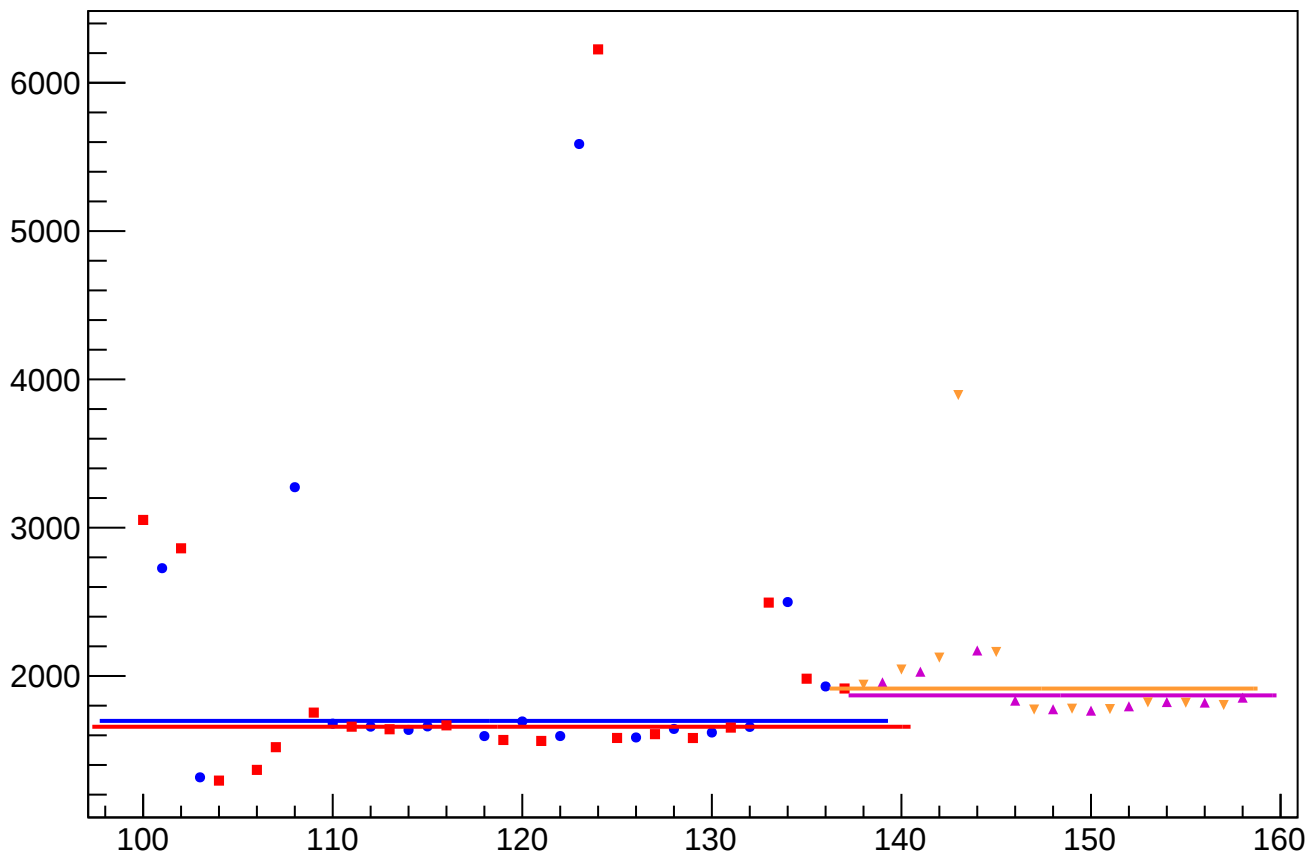
Left In: 123.665 ± 651.749 χ^2/NDF : 6.5/9

+ sign -624.786 ± 477.937 χ^2/NDF : 25.0/27

All: -273.939 ± 330.461 χ^2/NDF : 49.5/56

- sign 47.434 ± 457.421 χ^2/NDF : 23.5/28

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1915.248+/-0.481 χ^2/NDF : 421078.1/10

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

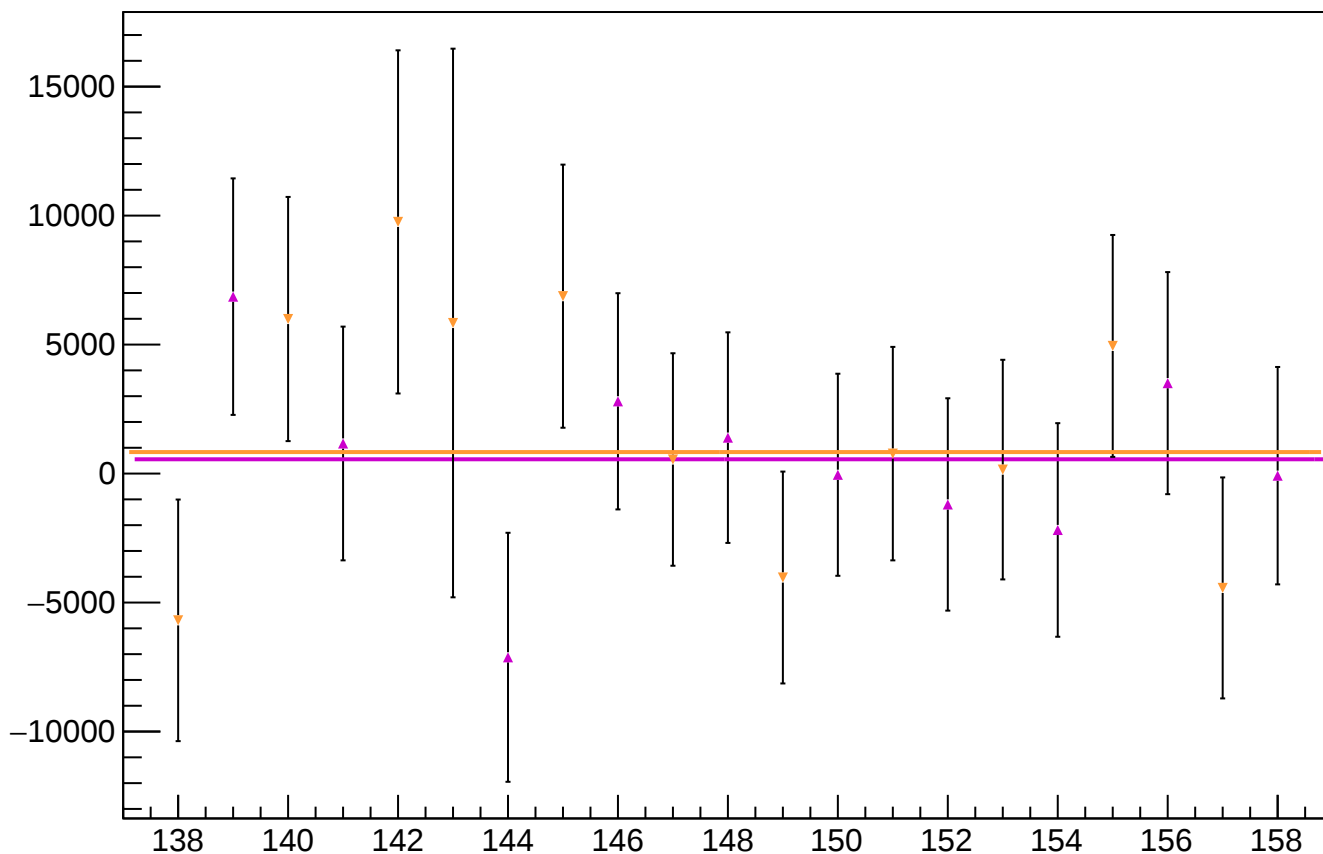
Left In: 1869.230+/-0.461 χ^2/NDF : 62982.2/9

+ sign 1804.762+/-0.338 χ^2/NDF : 1064819.2/27

All: 1782.393+/-0.234 χ^2/NDF : 1846088.8/56

- sign 1761.902+/-0.323 χ^2/NDF : 772875.1/28

asym_at2_dd_correction_mean vs Slug



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

Left Out: 833.668+/-1413.416 χ^2/NDF :10.4/10

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

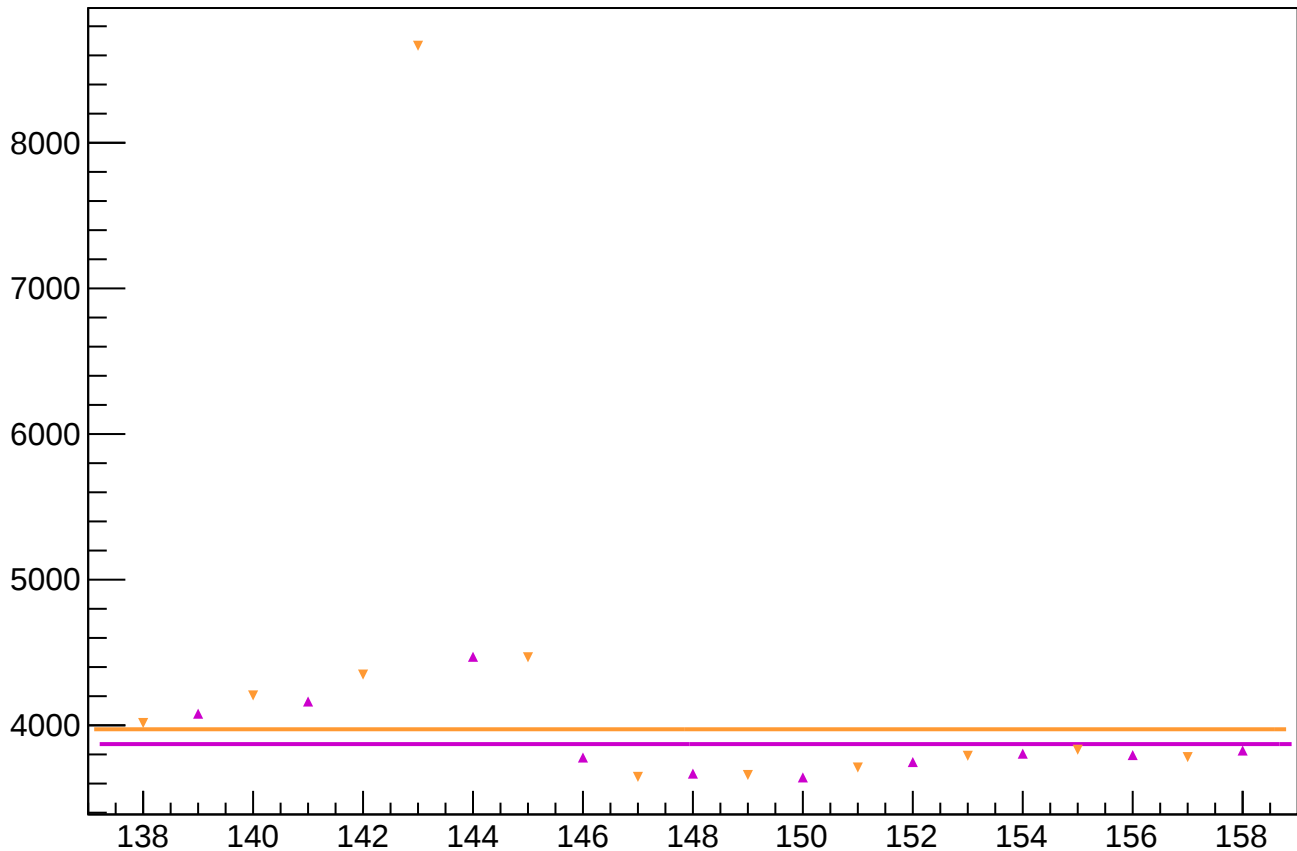
Left In: 553.661+/-1349.563 χ^2/NDF :5.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.197+/-976.078 χ^2/NDF : 16.3/20

- 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: 3972.817+/-0.999 χ^2/NDF : 461872.9/10

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

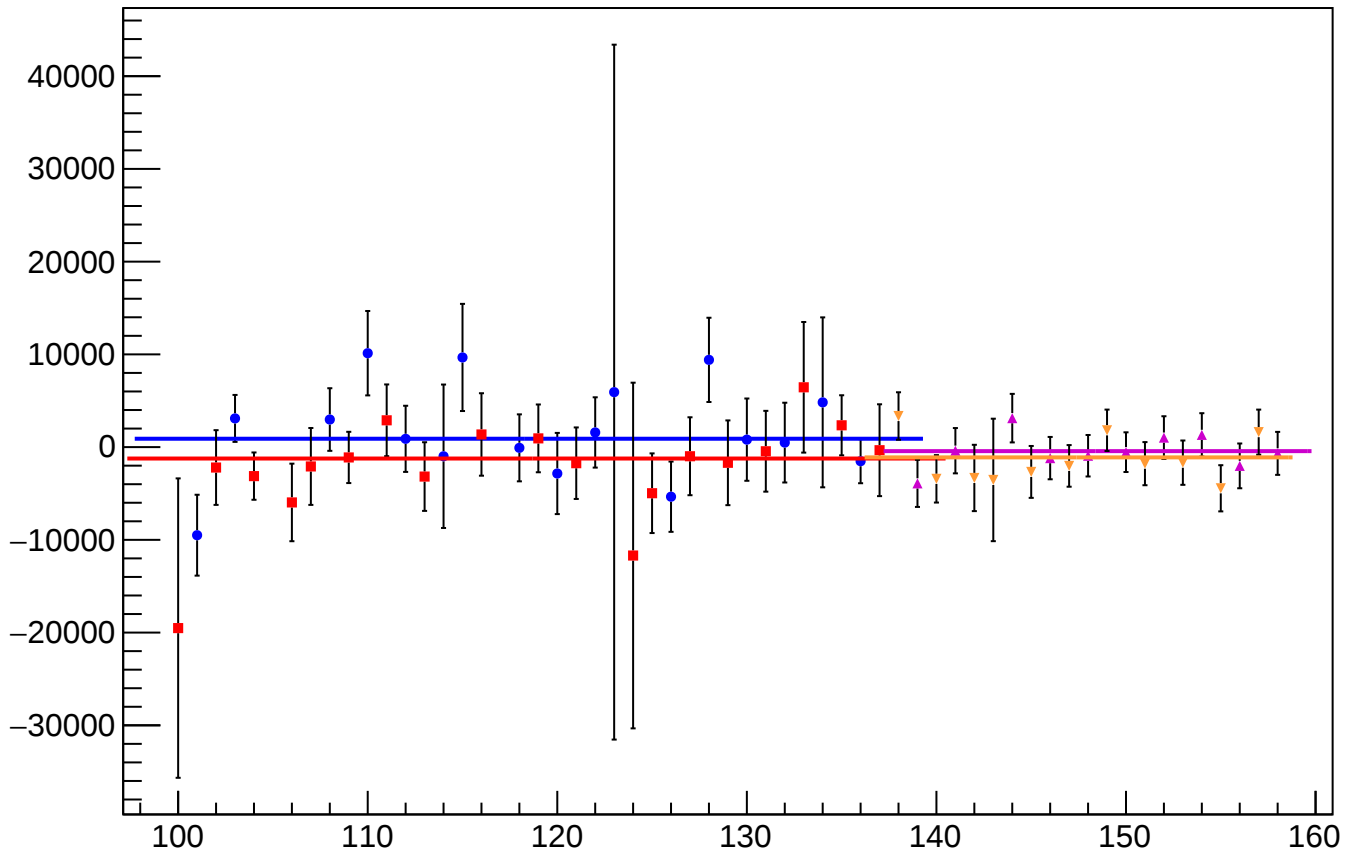
Left In: 3871.033+/-0.954 χ^2/NDF : 59206.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3919.574+/-0.690 χ^2/NDF : 526504.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



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

Left Out: -1108.104+/-784.621 χ^2/NDF : 9.8/10

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

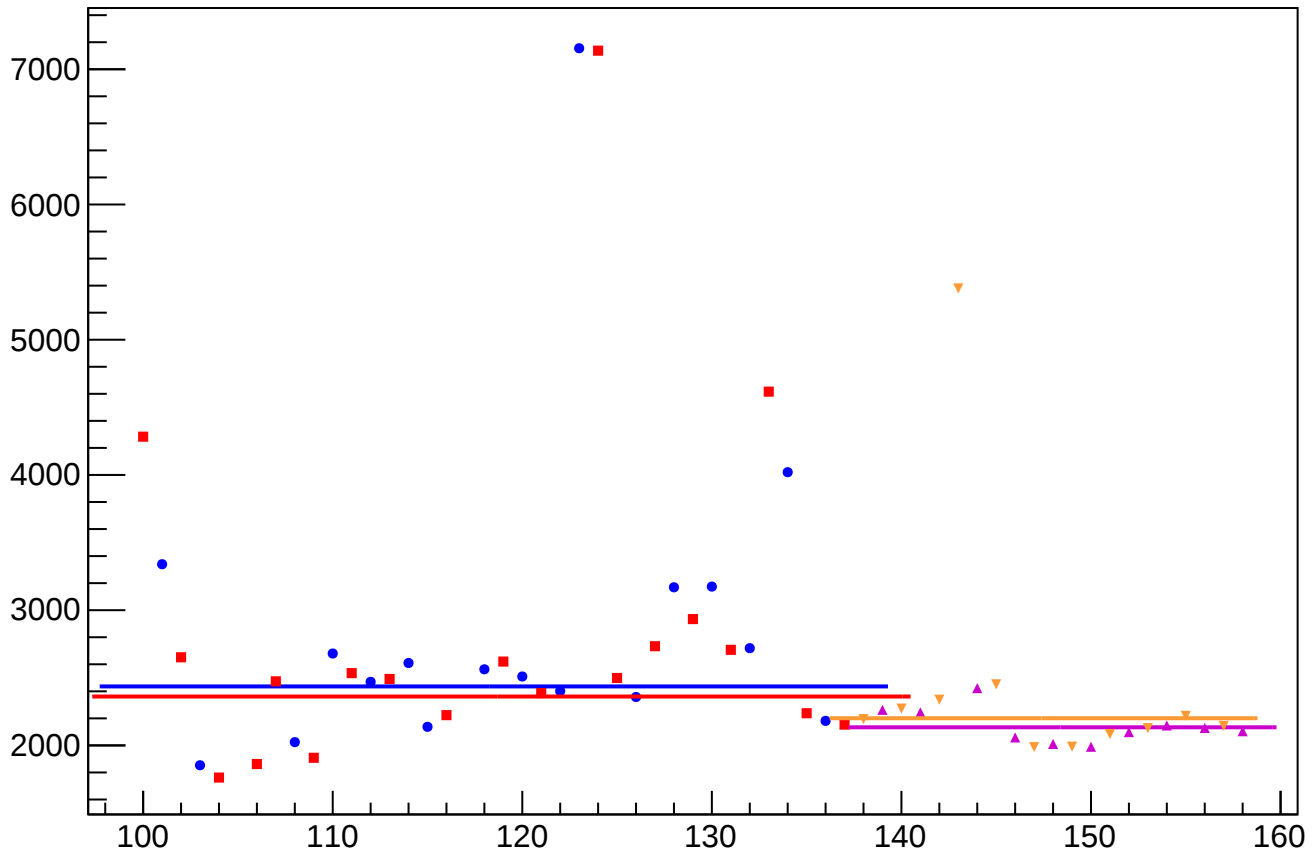
Left In: -433.778+/-743.831 χ^2/NDF : 5.3/9

+ sign -304.514+/-608.007 χ^2/NDF : 34.0/27

All: -536.227+/-419.548 χ^2/NDF : 48.9/56

- sign -746.844+/-579.669 χ^2/NDF : 14.6/28

asym_at2_dd_rms vs Slug



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

Left Out: 2200.890+/-0.555 χ^2/NDF : 527871.6/10

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

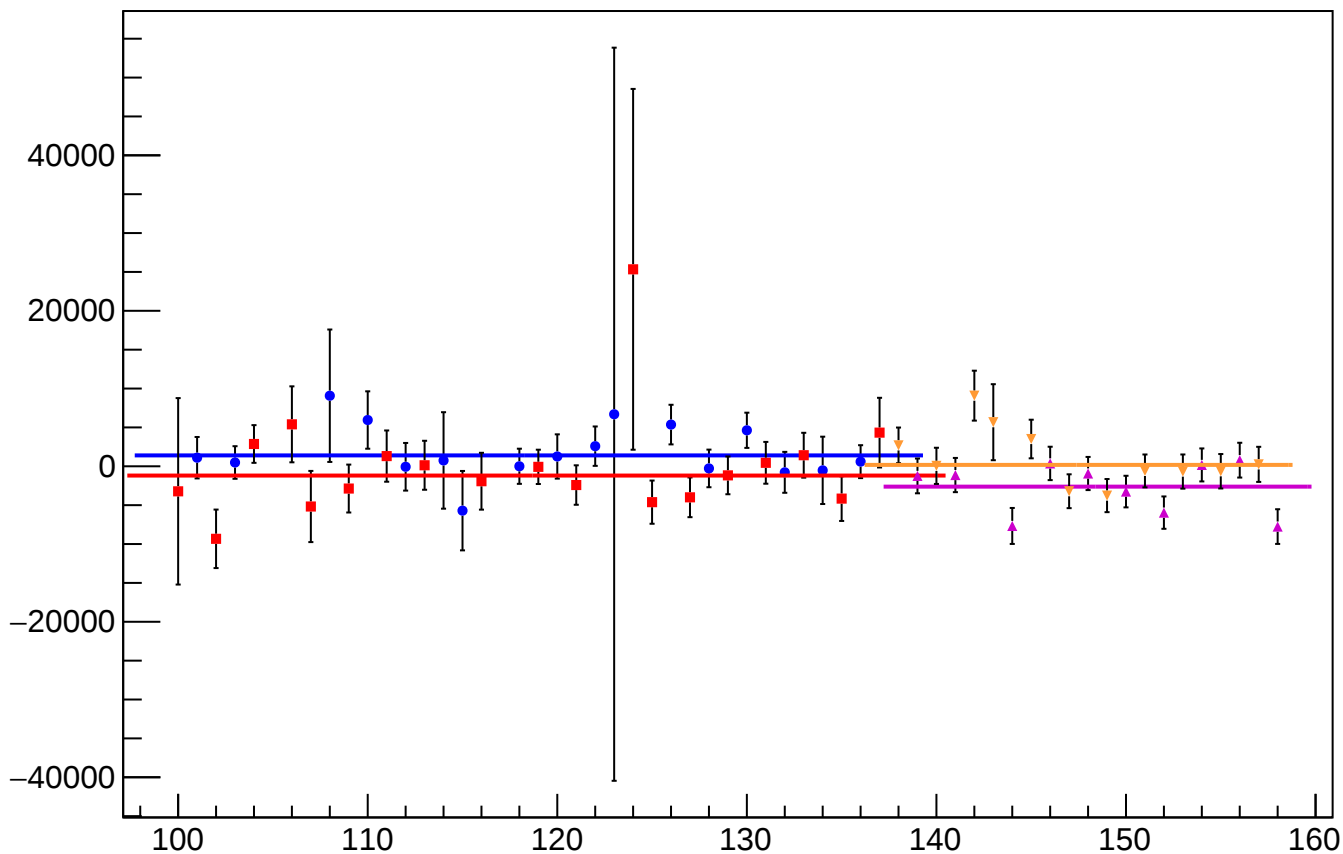
Left In: 2134.004+/-0.526 χ^2/NDF : 51922.0/9

+ sign 2294.924+/-0.430 χ^2/NDF : 1068325.9/27

All: 2257.437+/-0.297 χ^2/NDF : 1864110.5/56

- sign 2223.362+/-0.410 χ^2/NDF : 781270.8/28

dit_asym_atl_avg_mean vs Slug



Right In: 1400.477 $\pm$ 699.727 χ^2 /NDF: 11.3/16

Left Out: 179.539 $\pm$ 718.362 χ^2 /NDF: 18.2/10

Right Out: -1191.720 $\pm$ 715.266 χ^2 /NDF: 19.5/18

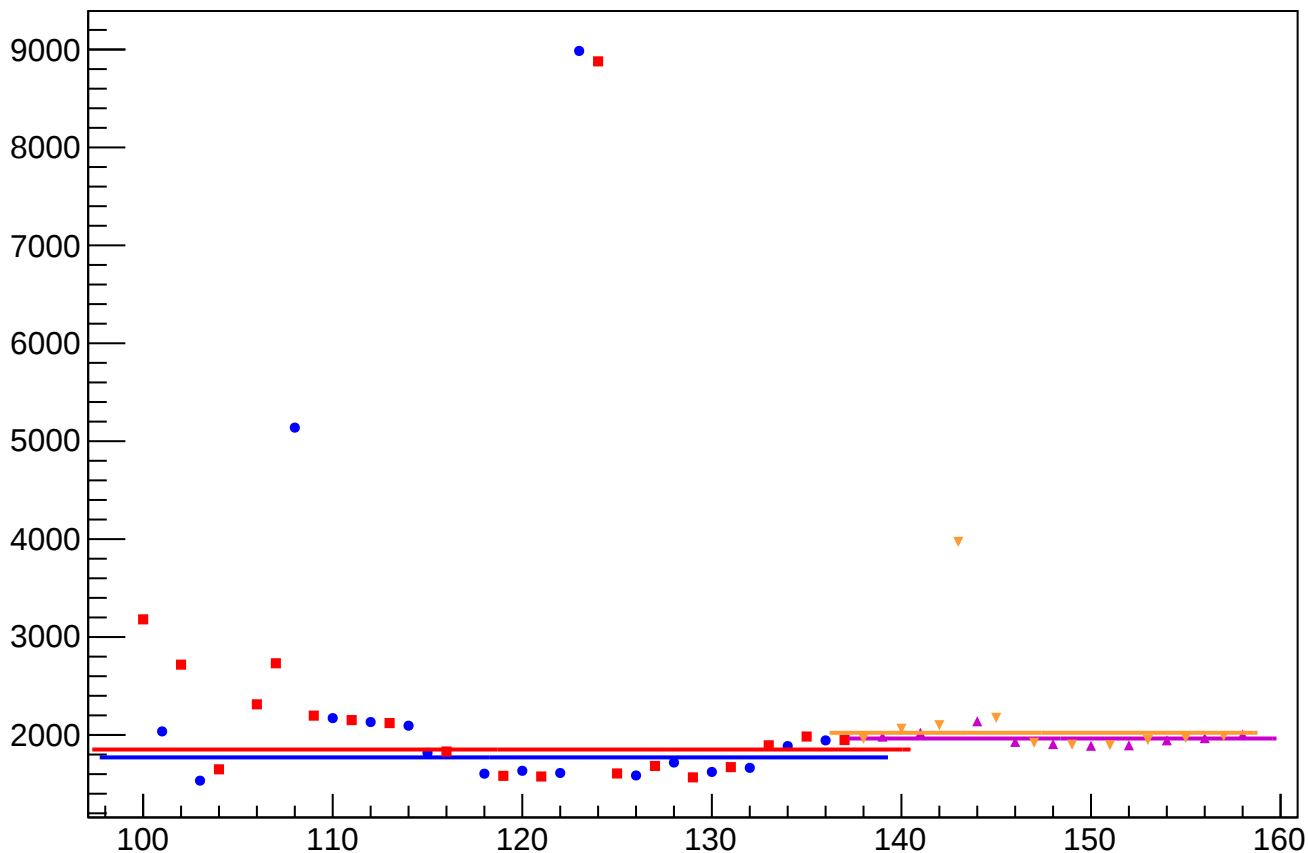
Left In: -2616.645 $\pm$ 685.875 χ^2 /NDF: 20.2/9

+ sign 806.049 $\pm$ 501.240 χ^2 /NDF: 31.0/27

All: -581.025 $\pm$ 352.222 χ^2 /NDF: 87.9/56

- sign -1934.059 $\pm$ 495.051 χ^2 /NDF: 41.7/28

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2022.111 $\pm$ 0.508 χ^2 /NDF: 350770.9/10

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

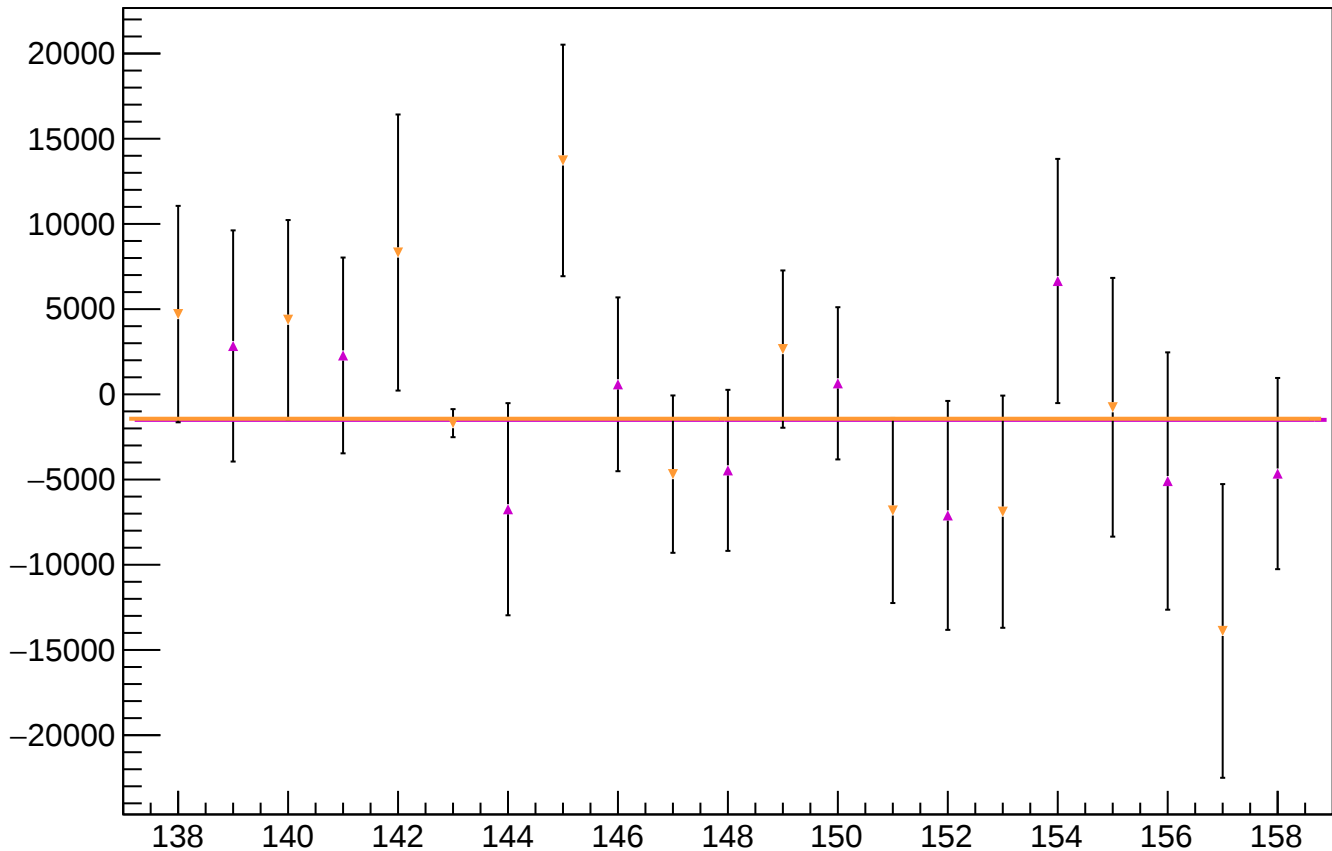
Left In: 1963.916 $\pm$ 0.485 χ^2 /NDF: 20810.8/9

+ sign 1893.238 $\pm$ 0.354 χ^2 /NDF: 999797.5/27

All: 1901.697 $\pm$ 0.249 χ^2 /NDF: 1645491.5/50

- sign 1909.940 $\pm$ 0.350 χ^2 /NDF: 644569.2/28

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1431.239+/-756.836 χ^2/NDF :13.4/10

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

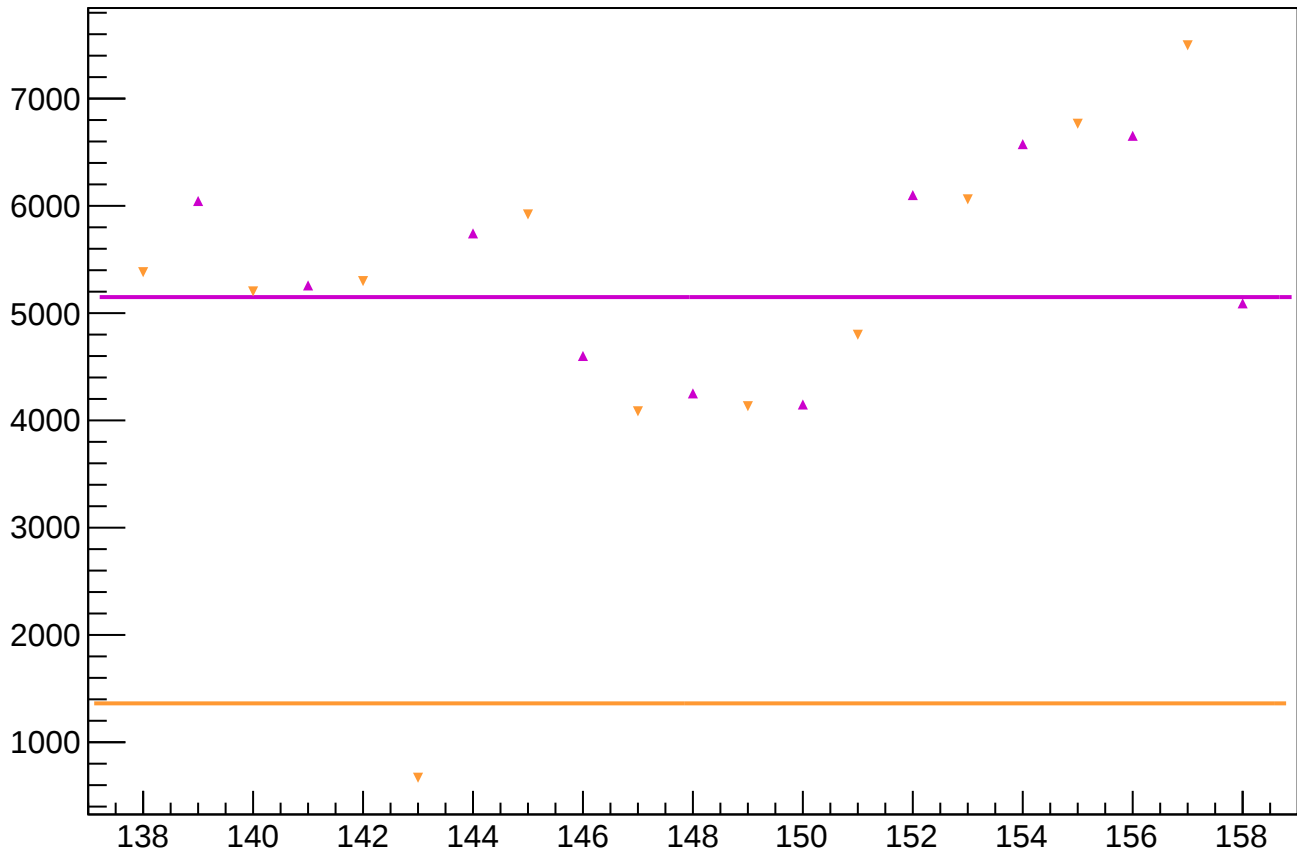
Left In: -1497.696+/-1819.158 χ^2/NDF :4.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1441.044+/-698.774 χ^2/NDF : 18.3/20

- 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: 1362.282+/-0.535 χ^2/NDF : 9646614.8/10

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

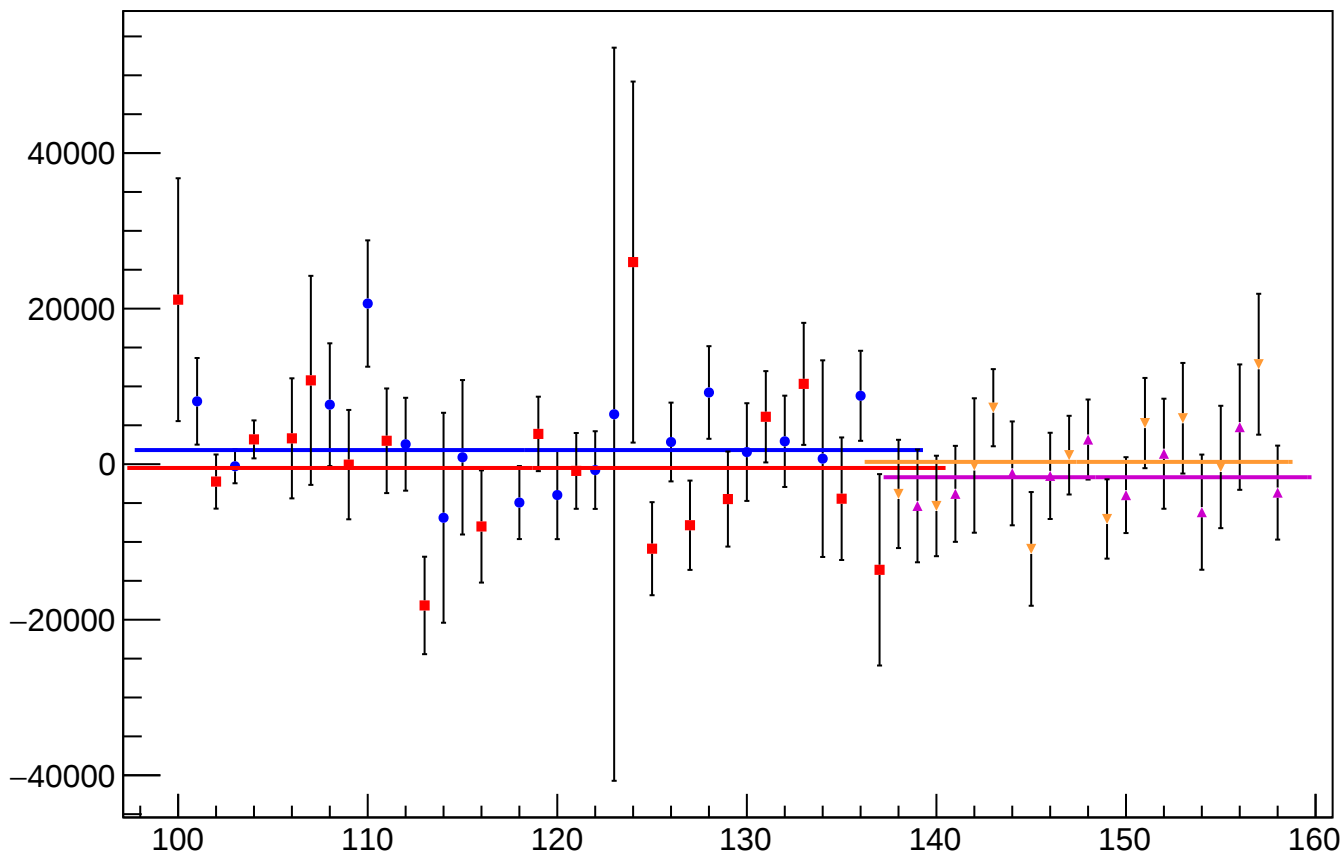
Left In: 5149.523+/-1.286 χ^2/NDF : 448464.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1921.081+/-0.494 χ^2/NDF : 17484412.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: 293.884+/-1914.952 χ^2/NDF : 10.8/10

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

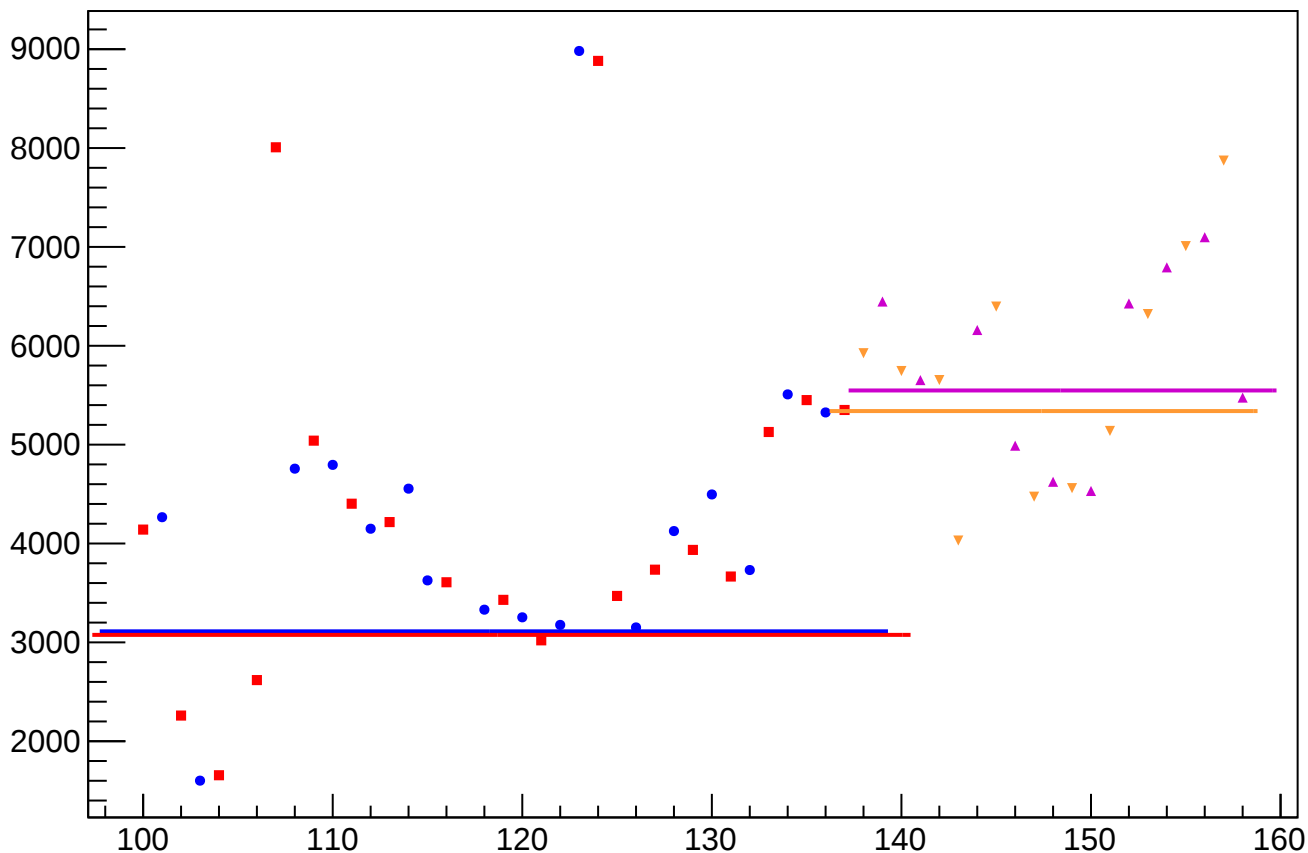
Left In: -1678.196+/-1957.258 χ^2/NDF : 2.8/9

+ sign 1333.965+/-1076.313 χ^2/NDF : 26.3/27

All: 241.878+/-760.536 χ^2/NDF : 57.8/56

- sign -847.161+/-1074.810 χ^2/NDF : 29.5/28

asym_atl_avg_rms vs Slug



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

Left Out: 5339.597+/-1.354 χ^2 /NDF: 598082.8/10

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

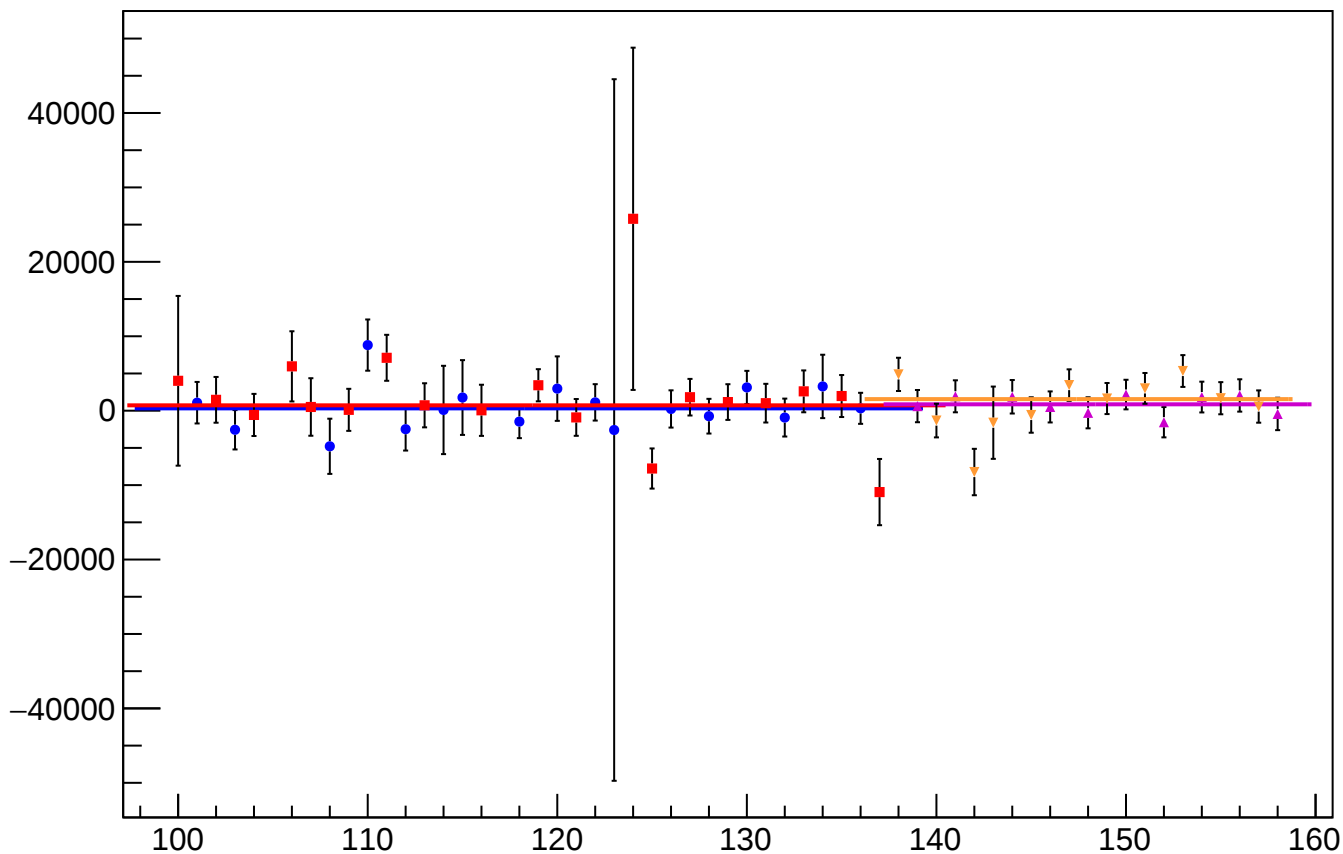
Left In: 5547.960+/-1.384 χ^2 /NDF: 381485.6/9

+ sign 3815.411+/-0.761 χ^2 /NDF: 4329218.5/27

All: 3810.751+/-0.535 χ^2 /NDF: 8968349.5/56

- sign 3806.199+/-0.752 χ^2 /NDF: 4639056.9/28

dit_asym_atl_dd_mean vs Slug



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

Left Out: 1555.959 $\pm$ 698.424 χ^2 /NDF:19.6/10

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

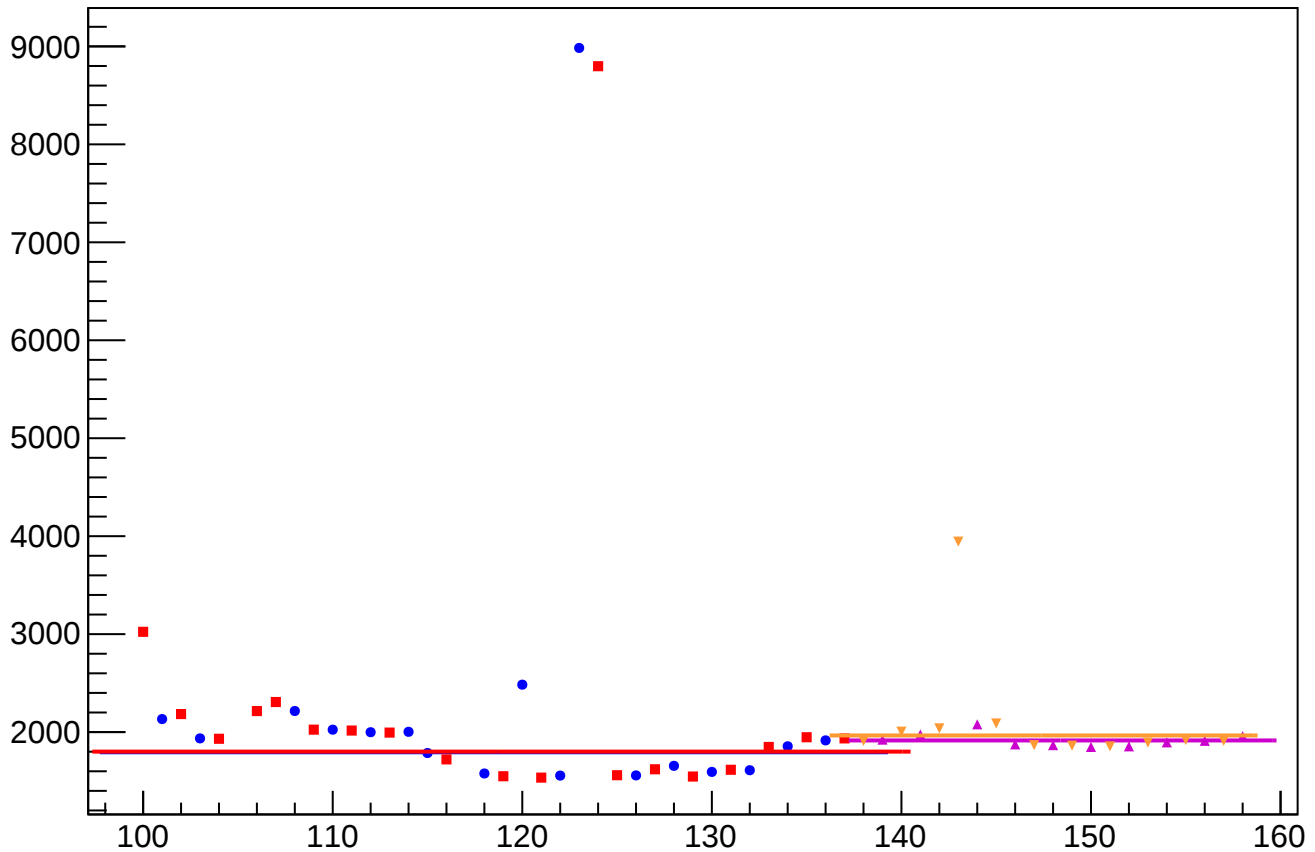
Left In: 856.274 $\pm$ 668.580 χ^2 /NDF:3.5/9

+ sign 937.038 $\pm$ 495.292 χ^2 /NDF: 35.1/27

All: 861.625 $\pm$ 345.036 χ^2 /NDF: 65.4/56

- sign 790.521 $\pm$ 480.933 χ^2 /NDF: 30.3/28

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1965.650+/-0.494 χ^2/NDF : 359927.5/10

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

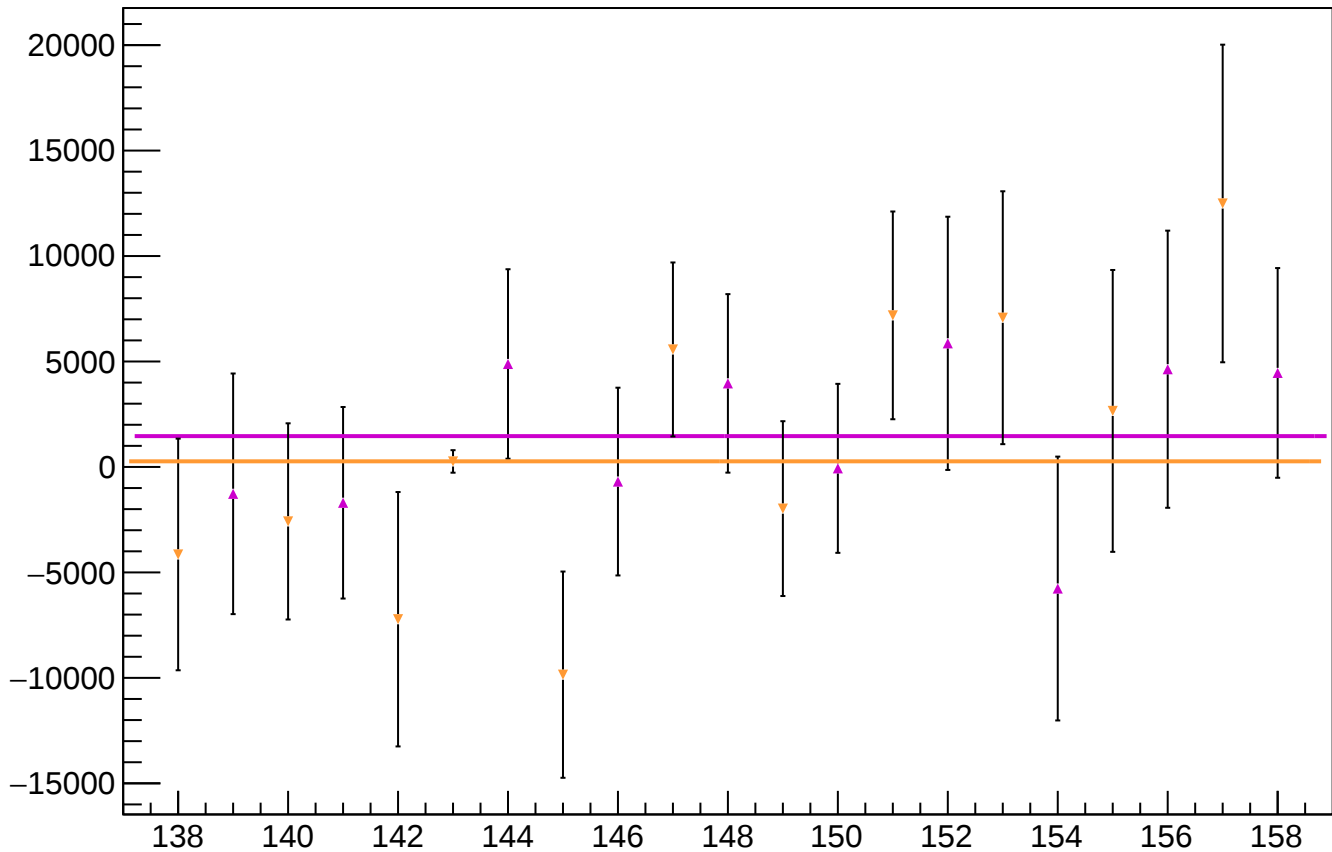
Left In: 1914.739+/-0.473 χ^2/NDF : 19141.3/9

+ sign 1880.364+/-0.350 χ^2/NDF : 696606.5/27

All: 1869.691+/-0.244 χ^2/NDF : 1190502.7/56

- sign 1859.643+/-0.340 χ^2/NDF : 492093.1/28

asym_atl_dd_correction_mean vs Slug



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

Left Out: 266.965+/-507.500 χ^2/NDF : 14.8/10

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

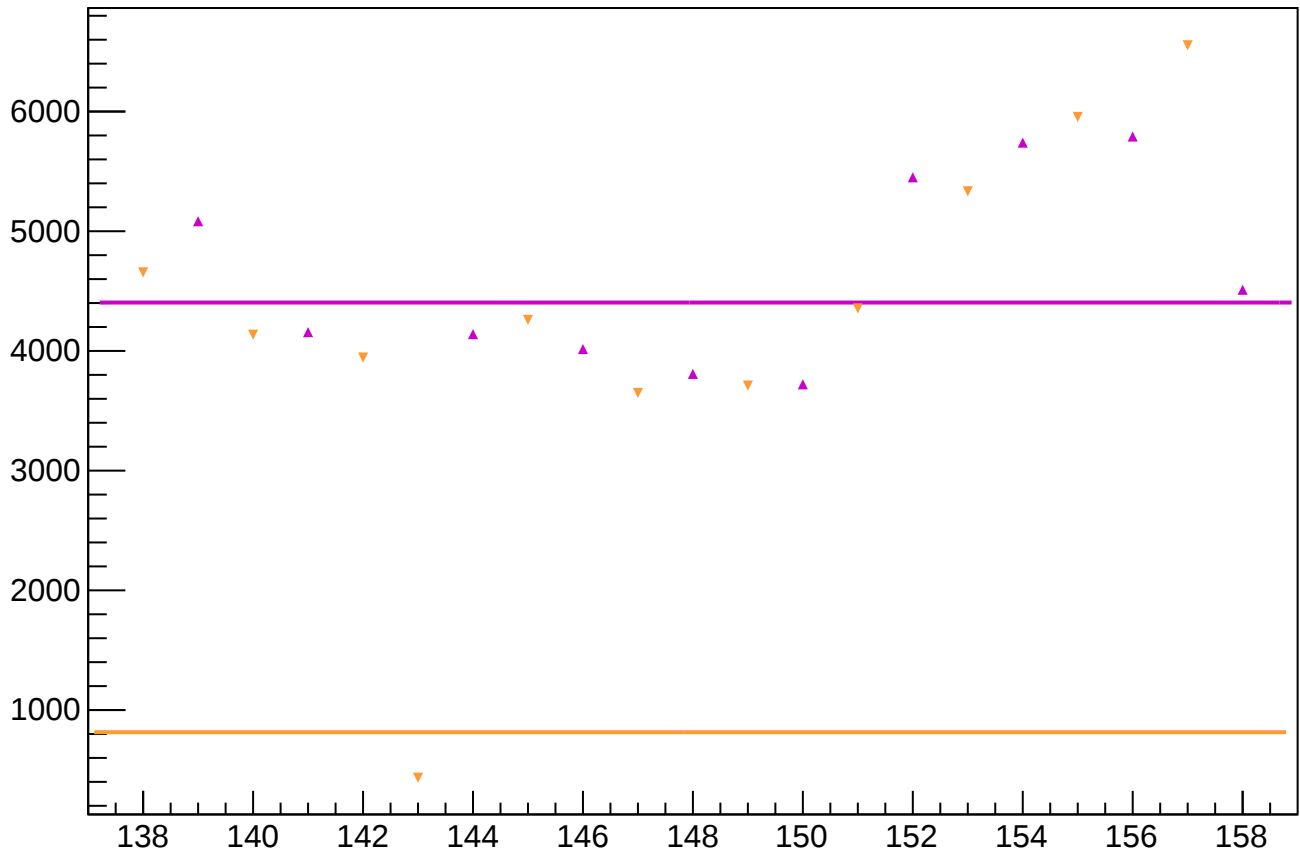
Left In: 1461.920+/-1553.437 χ^2/NDF : 4.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.203+/-482.409 χ^2/NDF : 19.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_correction_rms vs Slug



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

Left Out: 814.775+/-0.359 χ^2/NDF : 10981487.4/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

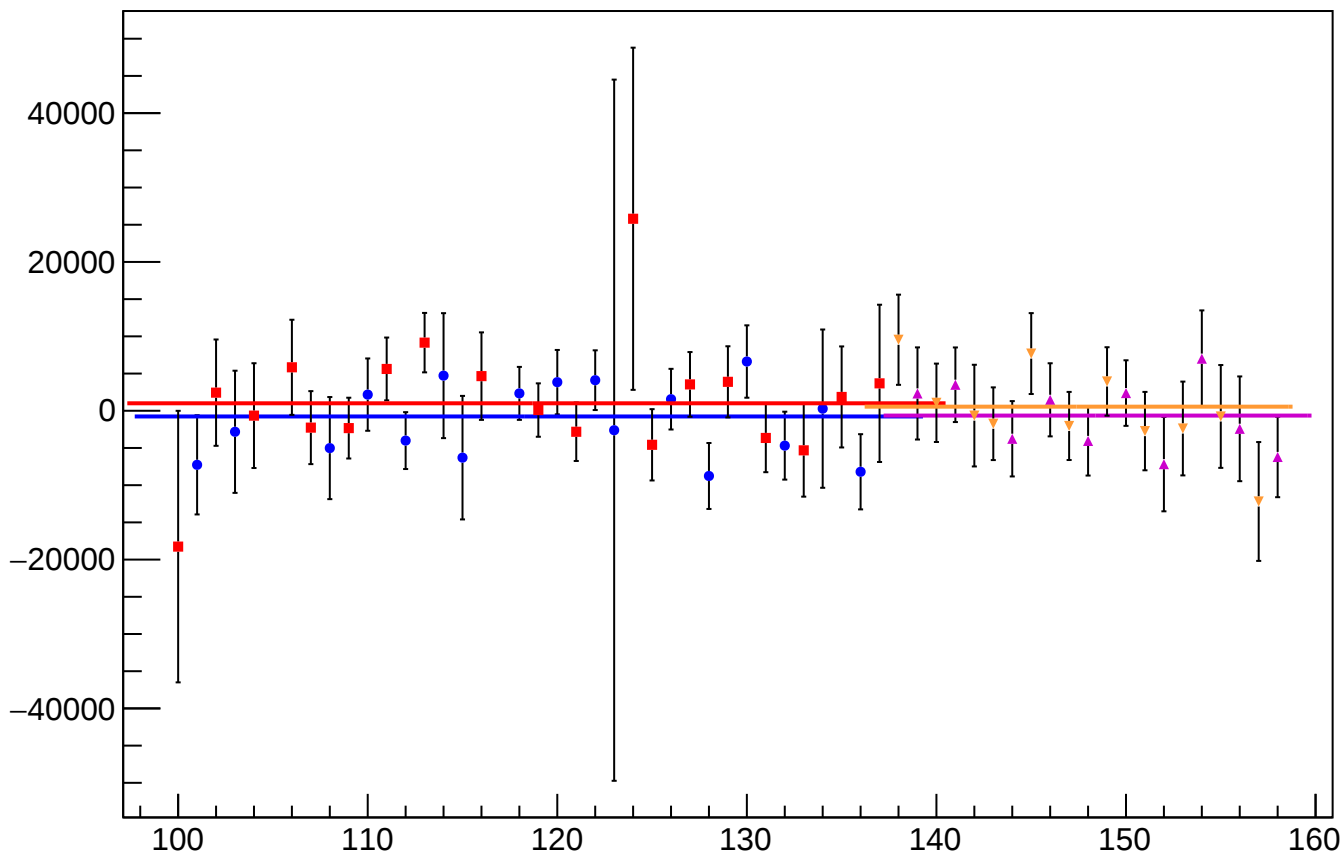
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.932+/-0.341 χ^2/NDF : 21026321.5/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4404.246+/-1.098 χ^2/NDF : 396291.8/9

asym_atl_dd_mean vs Slug



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

Left Out: 551.757 ± 1682.334 χ^2/NDF : 8.2/10

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

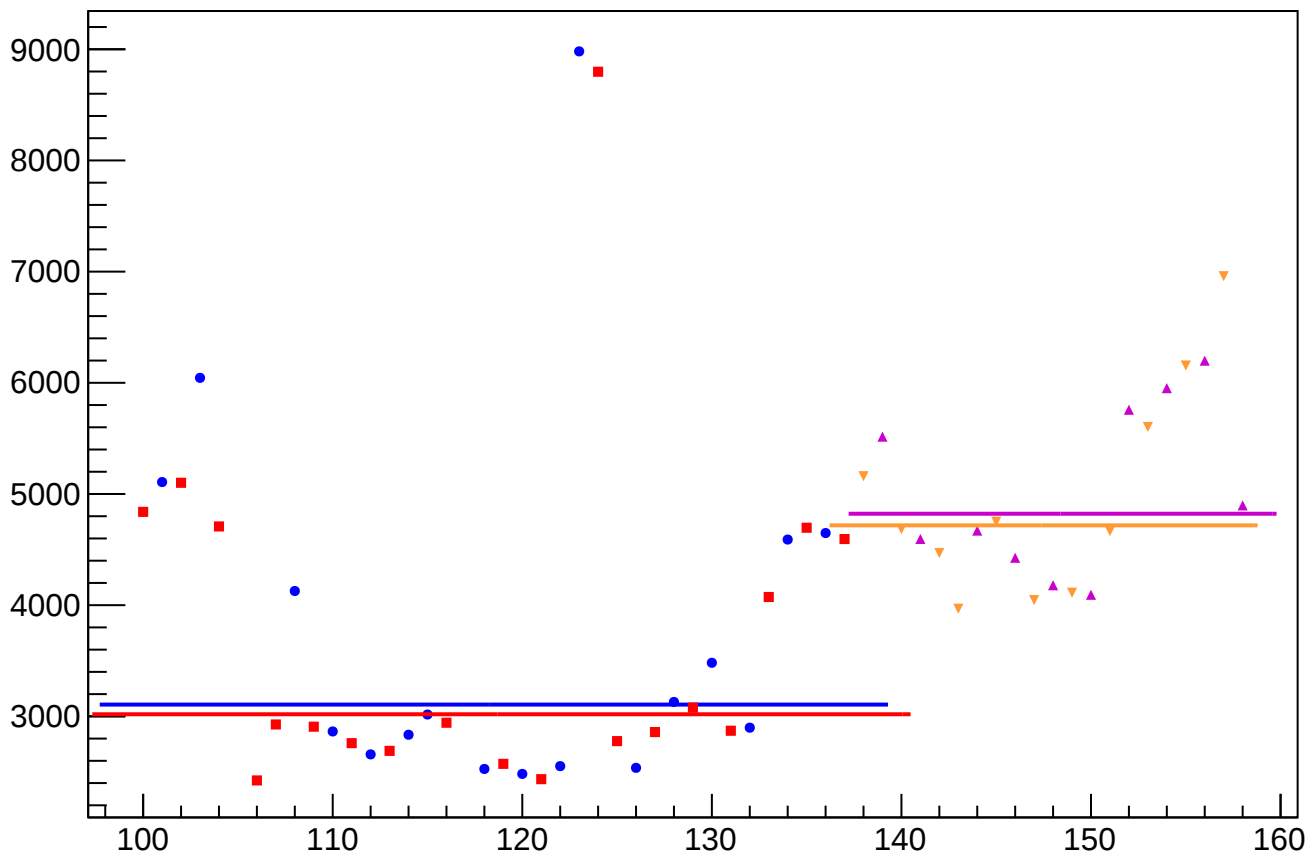
Left In: -646.483 ± 1697.333 χ^2/NDF : 6.1/9

+ sign -297.808 ± 1002.165 χ^2/NDF : 24.2/27

All: 91.470 ± 698.834 χ^2/NDF : 46.2/56

- sign 459.926 ± 974.995 χ^2/NDF : 21.7/28

asym_atl_dd_rms vs Slug



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

Left Out: 4718.030 ± 1.190 χ^2/NDF : 422133.8/10

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

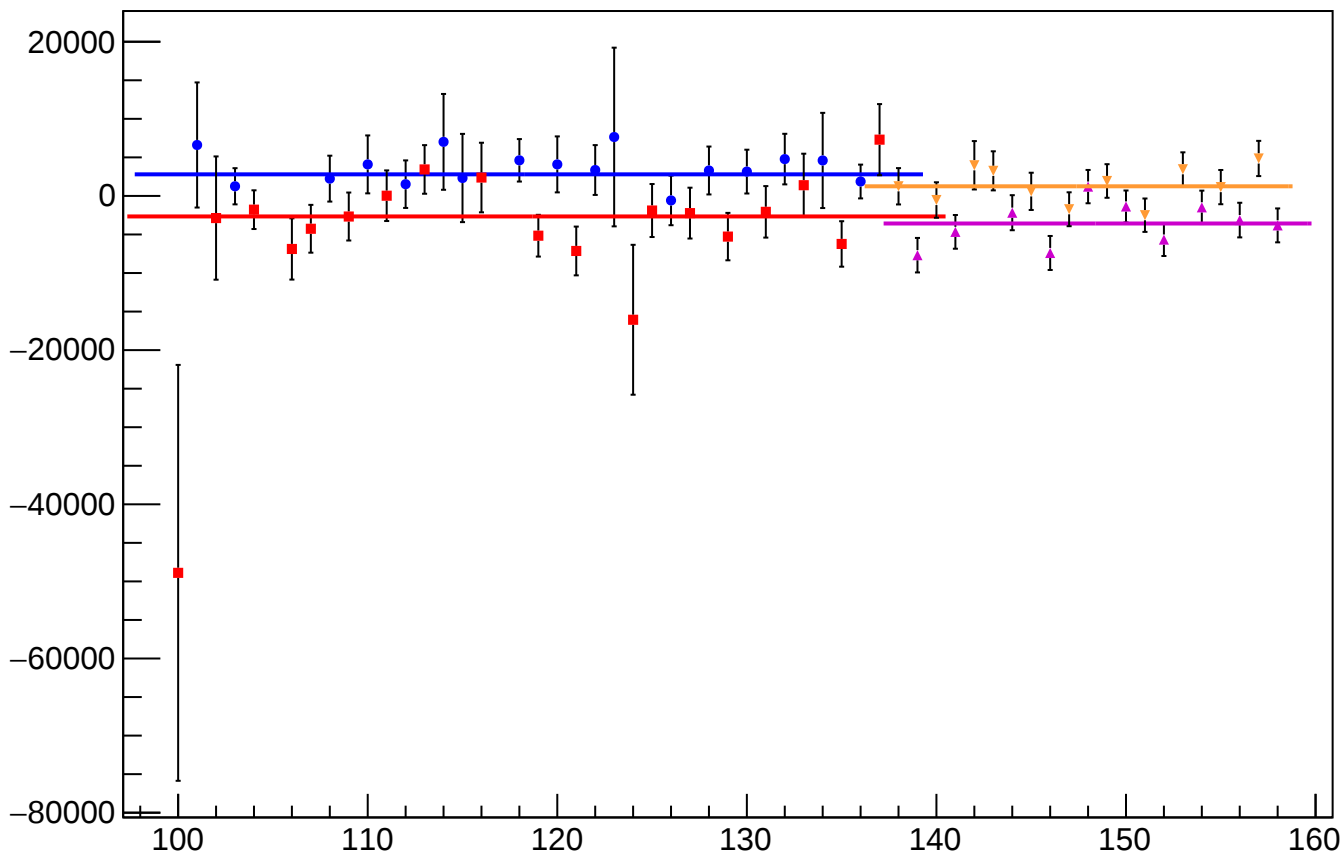
Left In: 4822.308 ± 1.200 χ^2/NDF : 318010.0/9

+ sign 3677.941 ± 0.709 χ^2/NDF : 2566883.2/27

All: 3639.609 ± 0.492 χ^2/NDF : 5210271.4/56

- sign 3603.934 ± 0.684 χ^2/NDF : 2637739.0/28

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1248.891 ± 701.811 χ^2/NDF : 10.5/10

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

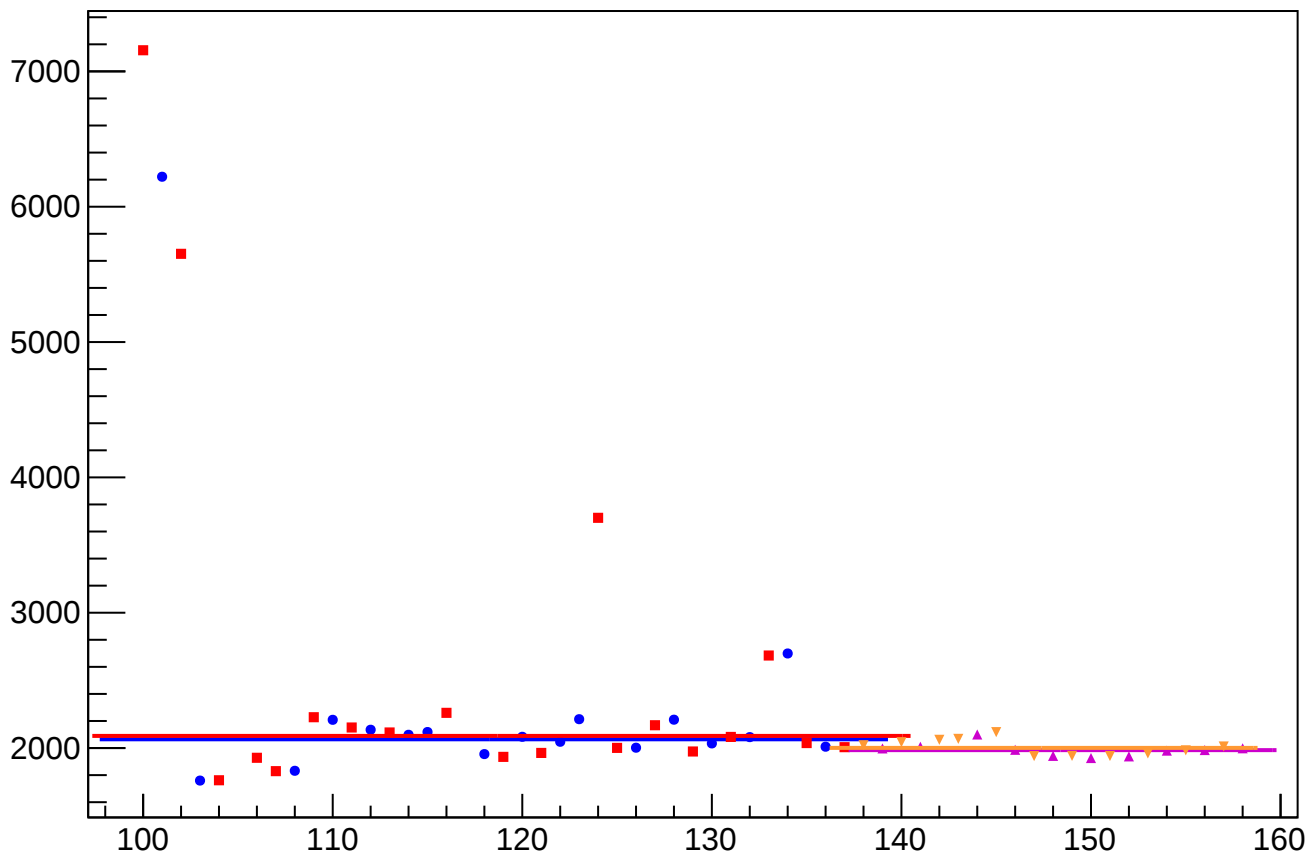
Left In: -3575.567 ± 691.047 χ^2/NDF : 15.0/9

+ sign 1909.174 ± 531.894 χ^2/NDF : 16.6/27

All: -671.733 ± 373.761 χ^2/NDF : 101.6/56

- sign -3189.267 ± 525.323 χ^2/NDF : 38.5/28

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2001.193 $\pm$ 0.496 χ^2 /NDF:12961.9/10

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

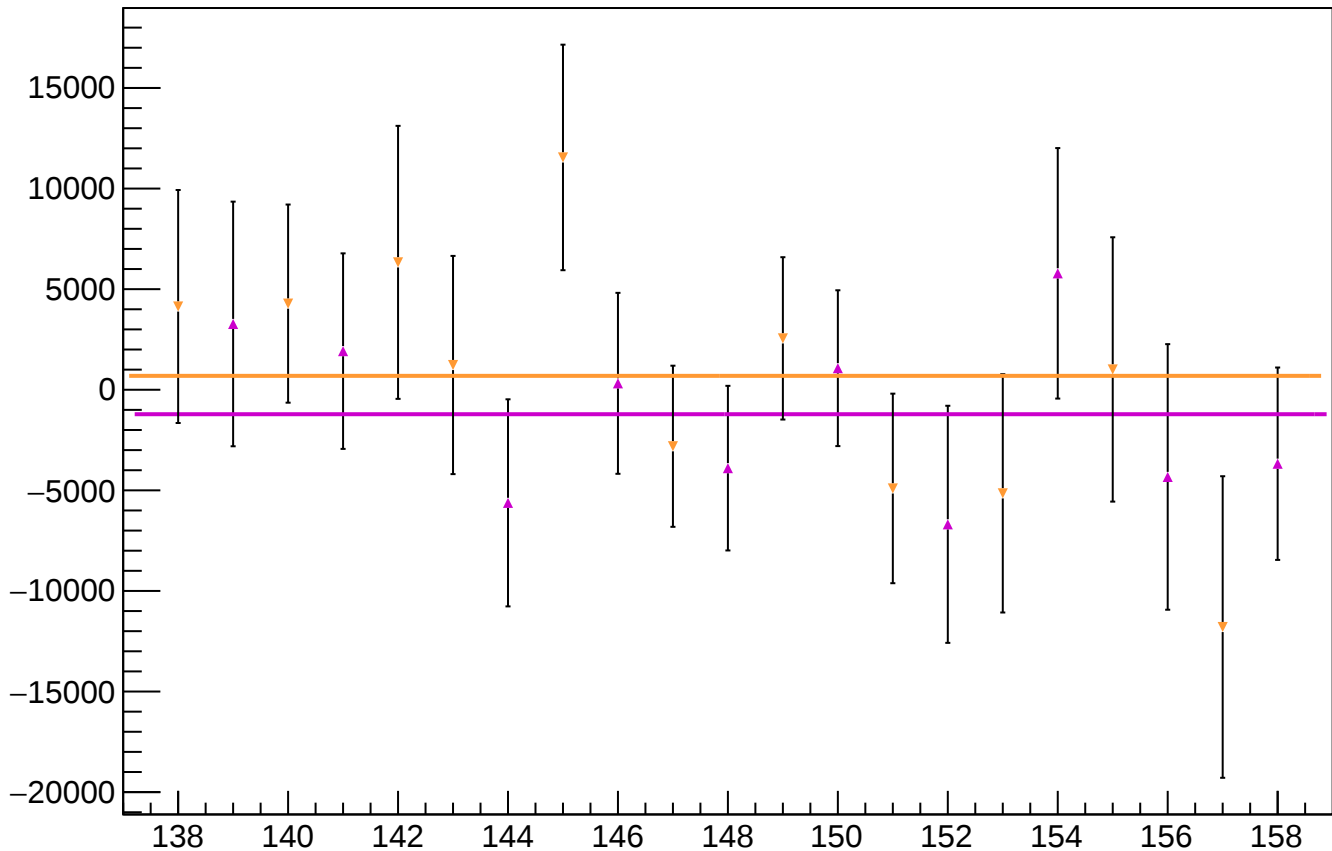
Left In: 1984.642 $\pm$ 0.489 χ^2 /NDF:8888.2/9

+ sign 2028.224 $\pm$ 0.376 χ^2 /NDF: 626339.8/27

All: 2028.639 $\pm$ 0.264 χ^2 /NDF: 1295365.7/56

- sign 2029.044 $\pm$ 0.371 χ^2 /NDF: 669023.4/28

asym_atr_avg_correction_mean vs Slug



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

Left Out: 691.245+/-1587.216 χ^2/NDF : 11.5/10

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

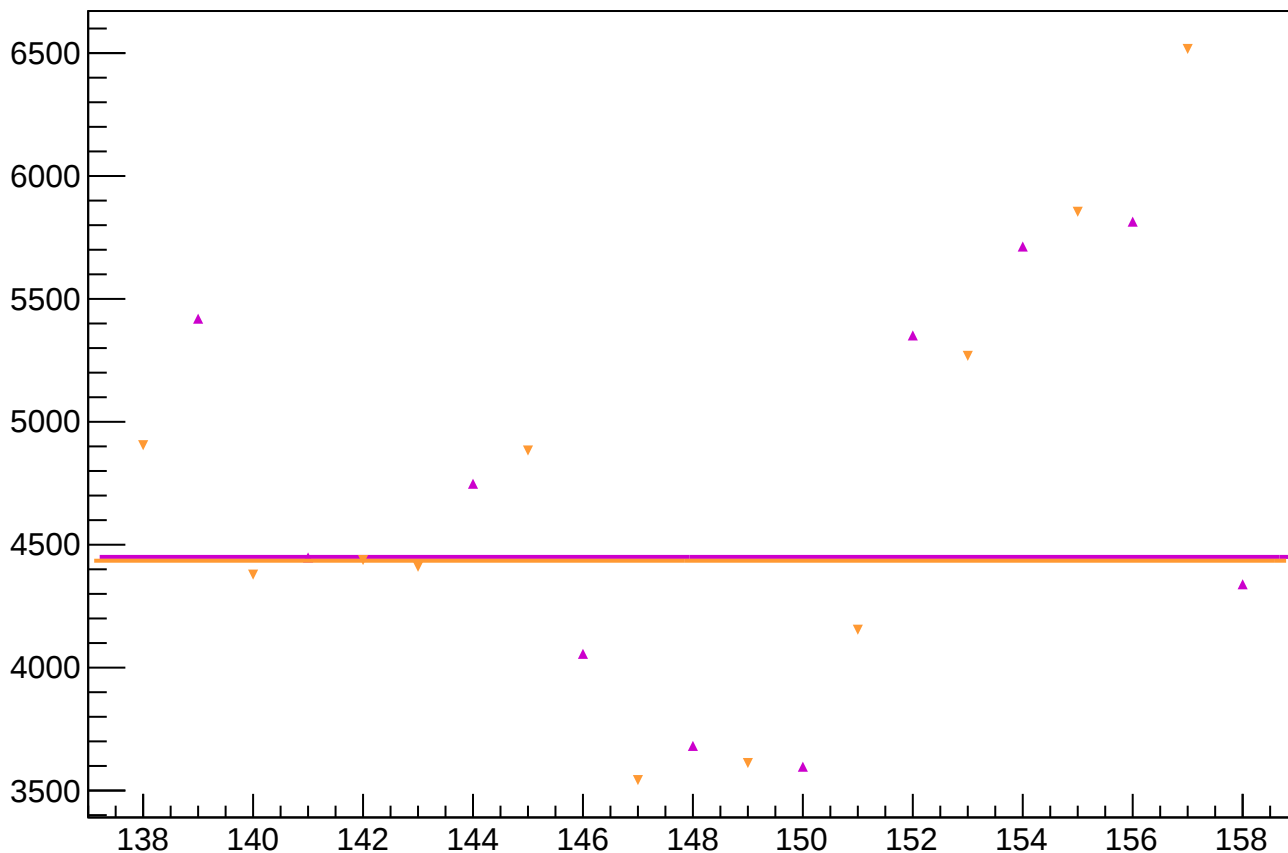
Left In: -1215.755+/-1572.685 χ^2/NDF : 5.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.024+/-1117.158 χ^2/NDF : 17.4/20

- 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: 4434.938+/-1.122 χ^2/NDF : 503227.1/10

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

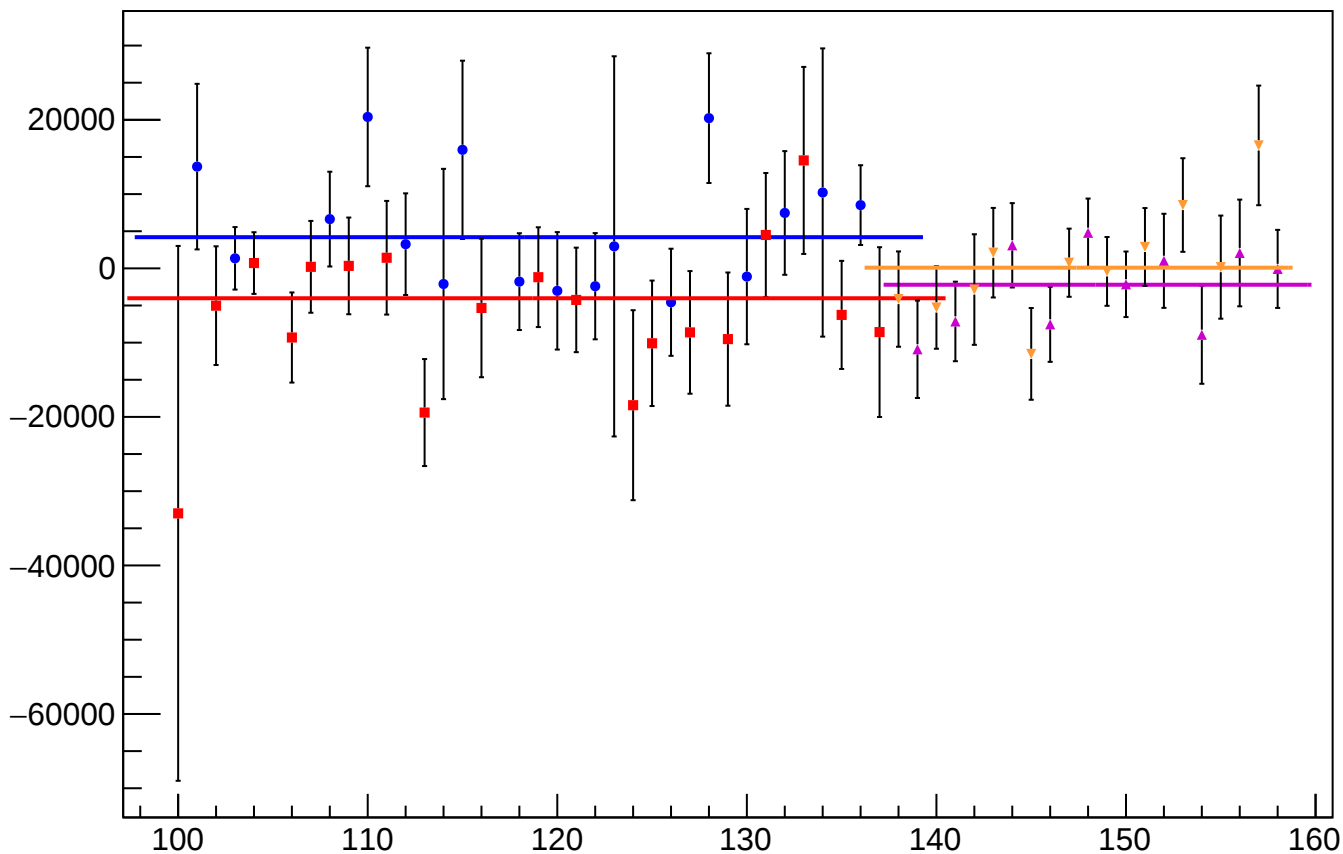
Left In: 4450.417+/-1.112 χ^2/NDF : 456163.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4442.749+/-0.790 χ^2/NDF : 959486.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



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

Left Out: 91.916+/-1766.890 χ^2/NDF : 11.5/10

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

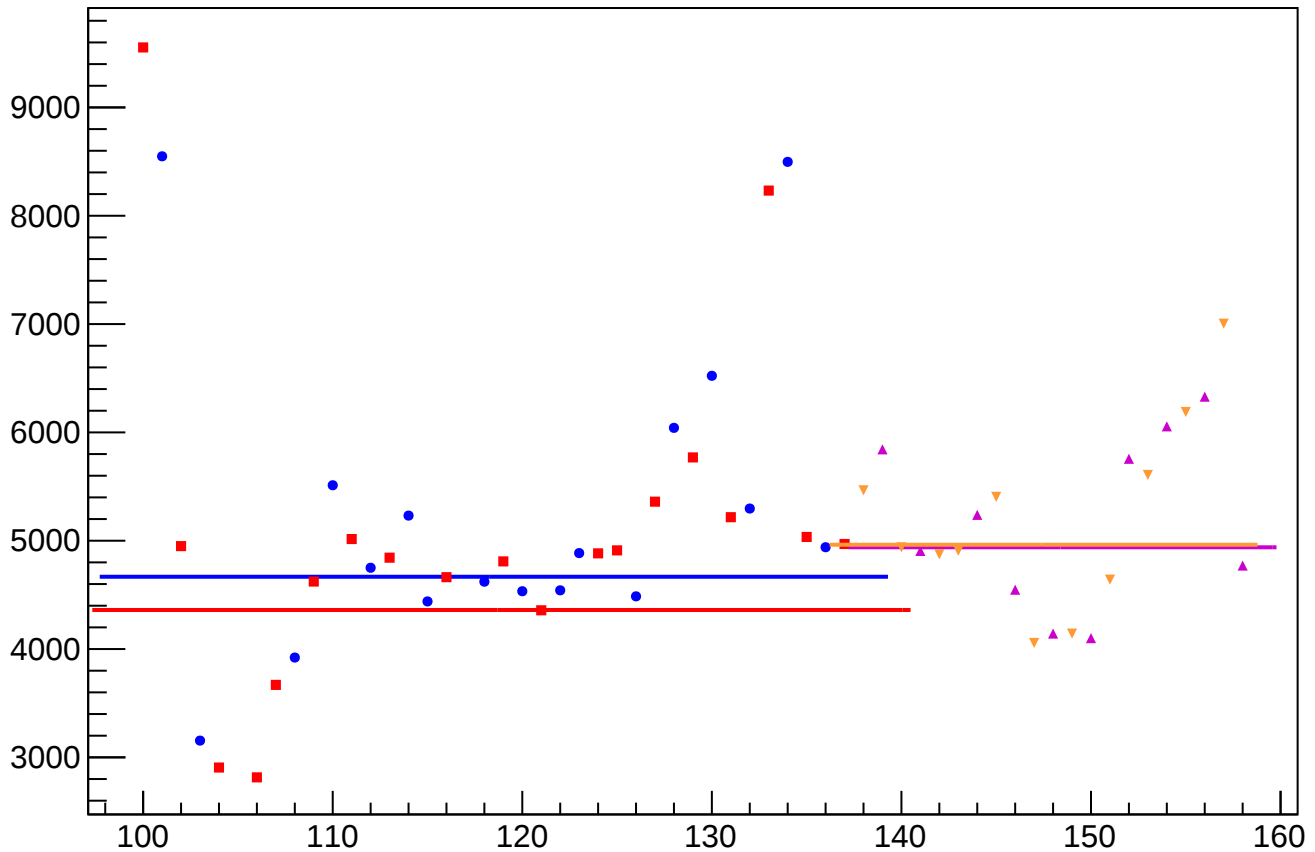
Left In: -2204.948+/-1740.053 χ^2/NDF : 8.7/9

+ sign 2042.401+/-1280.314 χ^2/NDF : 28.1/27

All: -653.588+/-885.158 χ^2/NDF : 60.7/56

- sign -3122.117+/-1225.114 χ^2/NDF : 24.1/28

asym_atr_avg_rms vs Slug



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

Left Out: 4962.893 ± 1.249 χ^2/NDF : 383007.5/10

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

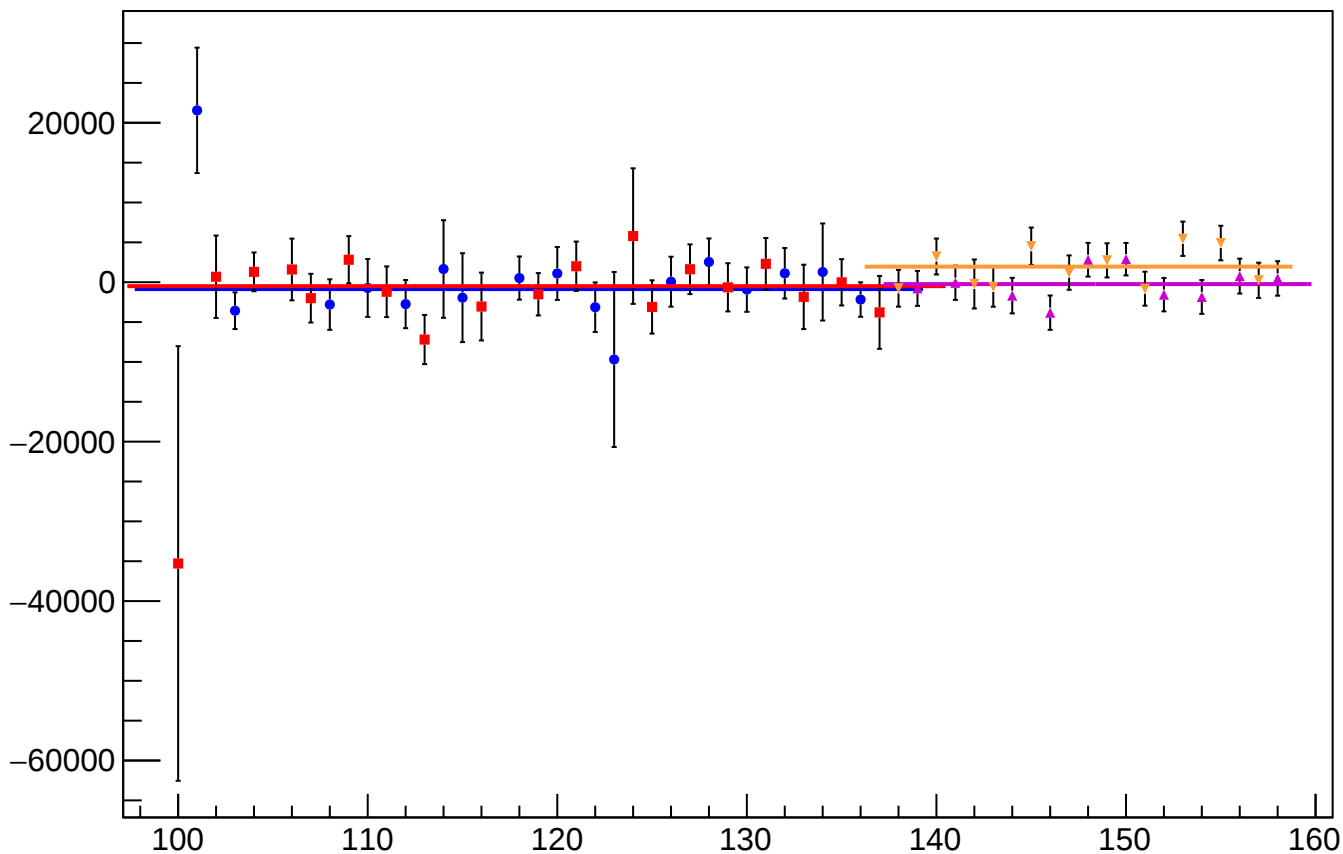
Left In: 4939.292 ± 1.230 χ^2/NDF : 355217.1/9

+ sign 4822.587 ± 0.905 χ^2/NDF : 1187419.6/27

All: 4730.031 ± 0.625 χ^2/NDF : 2507548.5/56

- sign 4645.779 ± 0.864 χ^2/NDF : 1300162.4/28

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1952.518+/-686.520 χ^2/NDF : 11.5/10

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

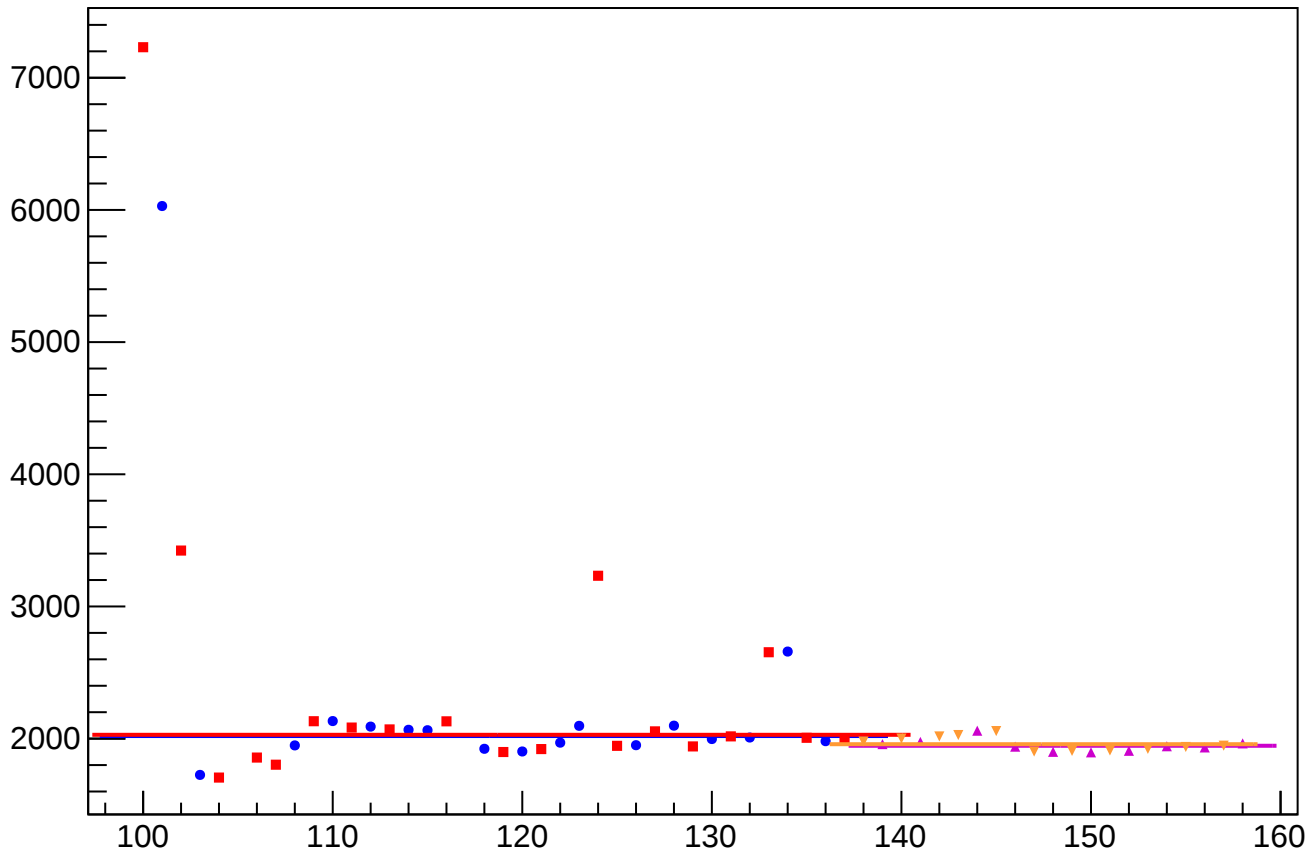
Left In: -237.359+/-677.572 χ^2/NDF : 9.0/9

+ sign 754.294+/-520.157 χ^2/NDF : 33.2/27

All: 194.167+/-364.810 χ^2/NDF : 57.5/56

- sign -348.073+/-511.784 χ^2/NDF : 22.0/28

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1957.832+/-0.485 χ^2/NDF : 10975.4/10

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

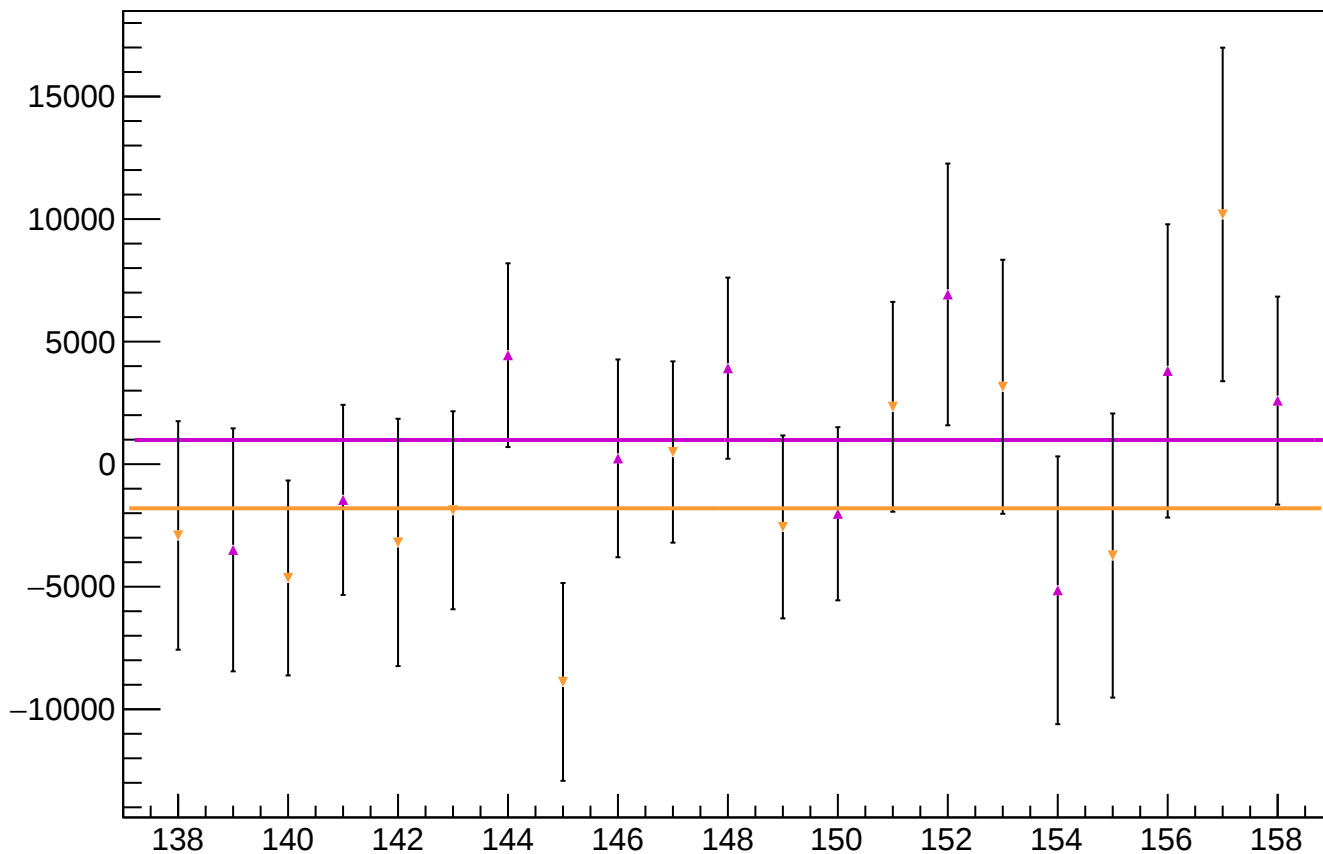
Left In: 1946.055+/-0.479 χ^2/NDF : 8688.1/9

+ sign 1984.151+/-0.368 χ^2/NDF : 605719.8/27

All: 1982.918+/-0.258 χ^2/NDF : 999285.3/56

- sign 1981.726+/-0.362 χ^2/NDF : 393543.4/28

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1800.058+/-1337.051 χ^2/NDF : 9.2/10

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

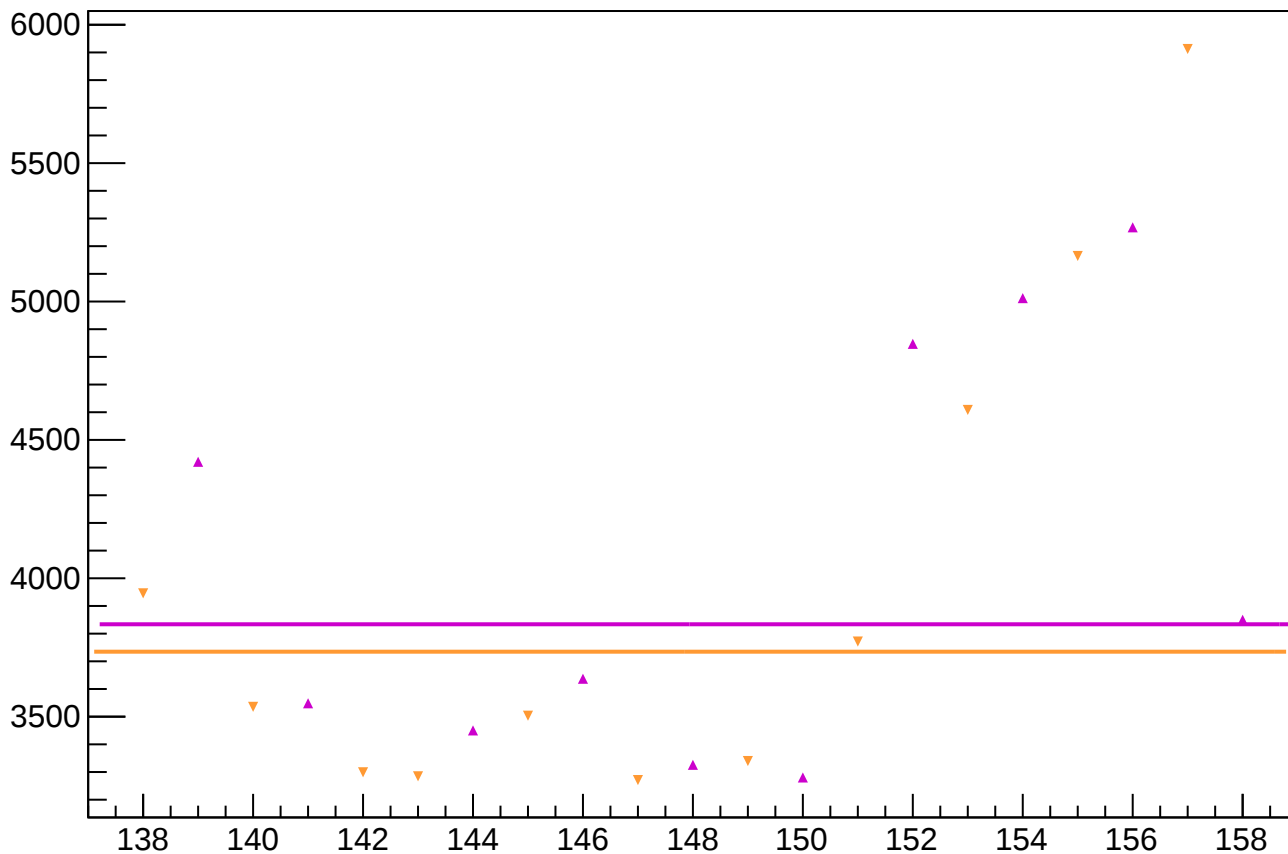
Left In: 985.540+/-1354.206 χ^2/NDF : 6.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.015+/-951.445 χ^2/NDF : 17.7/20

- 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: 3734.779+/-0.945 χ^2/NDF : 492888.7/10

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

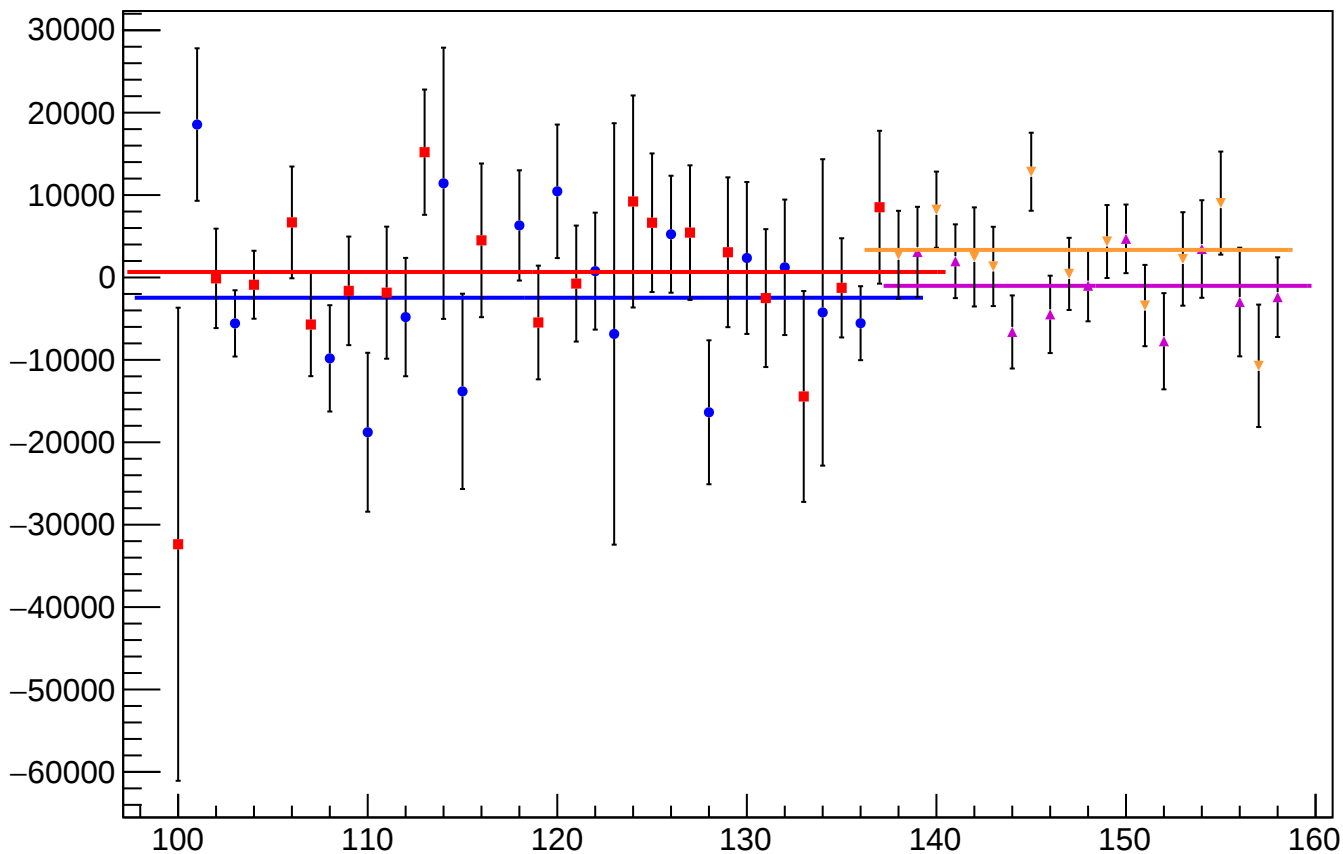
Left In: 3833.838+/-0.958 χ^2/NDF : 431579.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3783.677+/-0.673 χ^2/NDF : 929887.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 3342.661 $\pm$ 1549.398 χ^2 /NDF:12.2/10

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

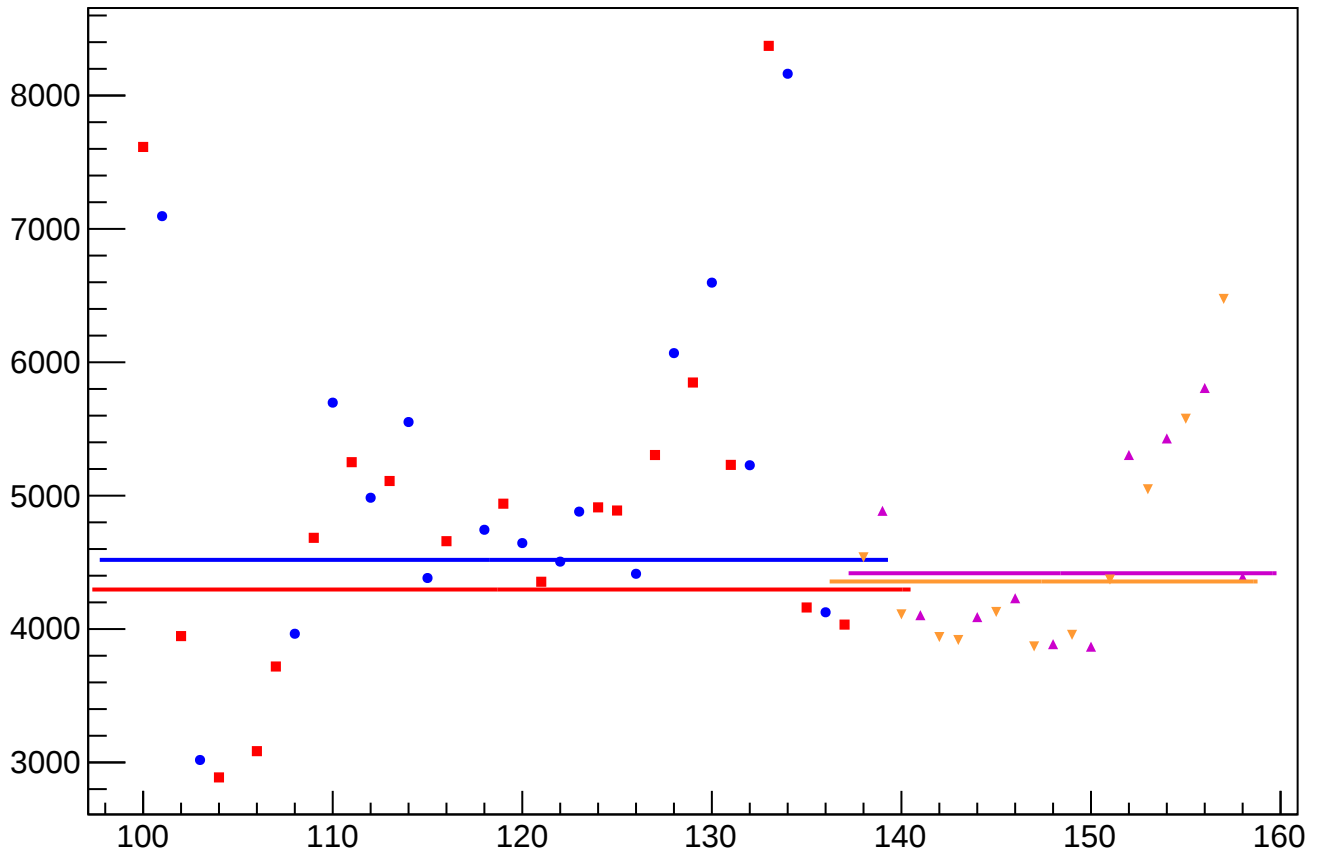
Left In: -1014.615 $\pm$ 1553.422 χ^2 /NDF:7.1/9

+ sign 867.836 $\pm$ 1173.527 χ^2 /NDF: 39.0/27

All: 297.168 $\pm$ 819.030 χ^2 /NDF: 58.9/56

- sign -244.781 $\pm$ 1143.617 χ^2 /NDF: 19.5/28

asym_atr_dd_rms vs Slug



Right In: 4518.684 $\pm$ 1.271 χ^2 /NDF: 770226.9/16

Left Out: 4356.723 $\pm$ 1.096 χ^2 /NDF: 348501.7/10

+ sign 4425.772 $\pm$ 0.830 χ^2 /NDF: 1128045.6/27

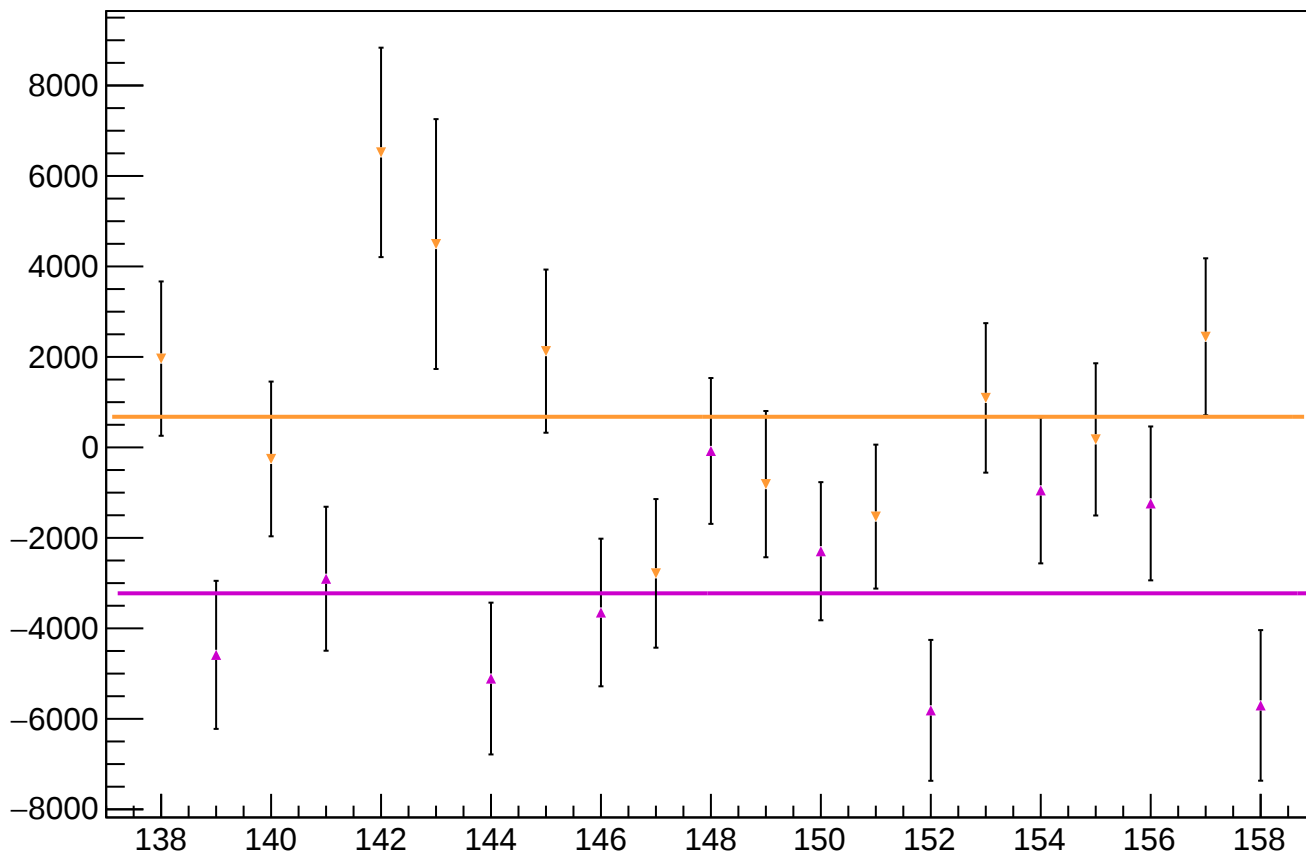
Right Out: 4296.379 $\pm$ 1.188 χ^2 /NDF: 771702.5/18

All: 4393.073 $\pm$ 0.578 χ^2 /NDF: 2205672.2/50

- sign 4362.177 $\pm$ 0.807 χ^2 /NDF: 1074606.7/28

Left In: 4418.404 $\pm$ 1.098 χ^2 /NDF: 297217.7/9

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 677.054+/-533.685 χ^2/NDF :18.2/10

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

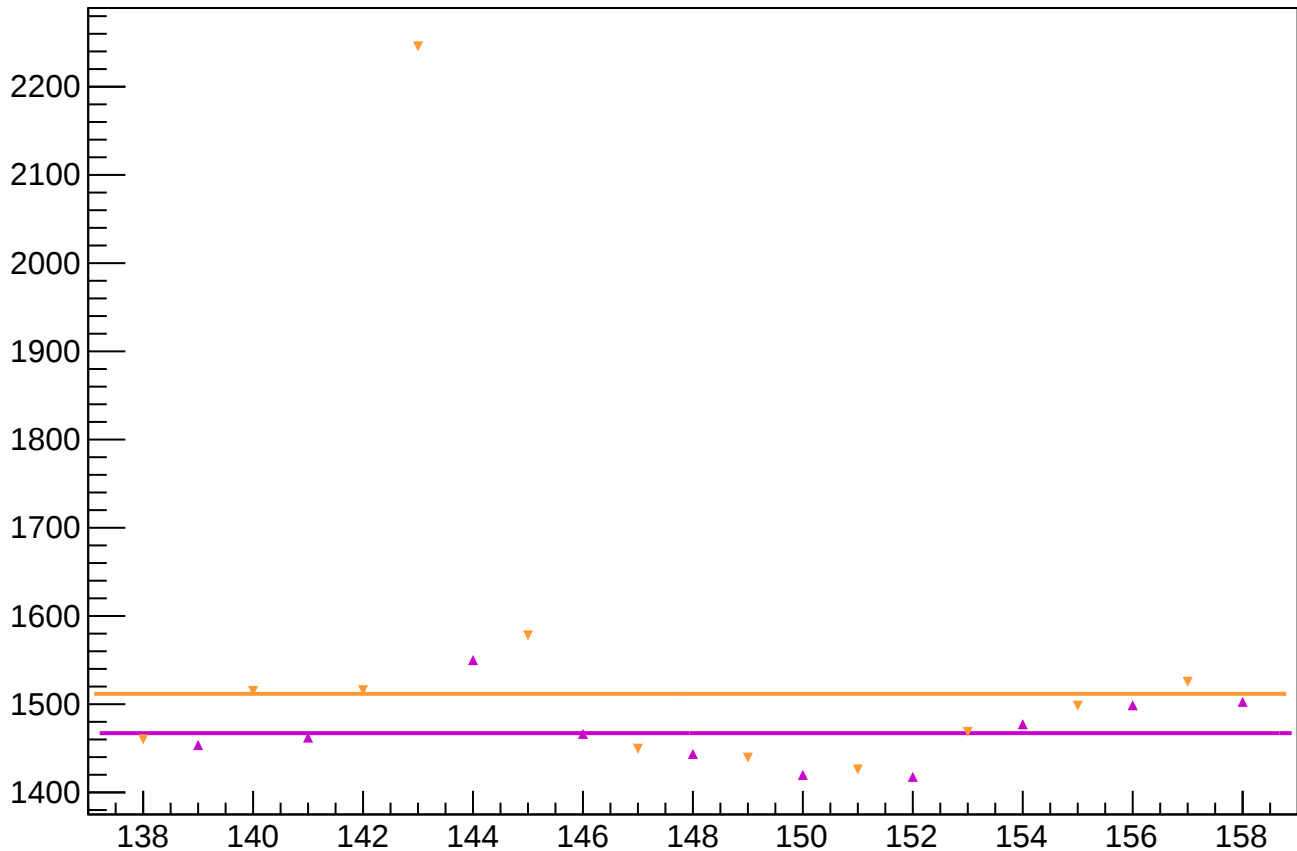
Left In: -3225.422+/-511.912 χ^2/NDF :14.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1355.412+/-369.434 χ^2/NDF : 60.6/20

- 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: 1511.765+/-0.377 χ^2/NDF :160124.3/10

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

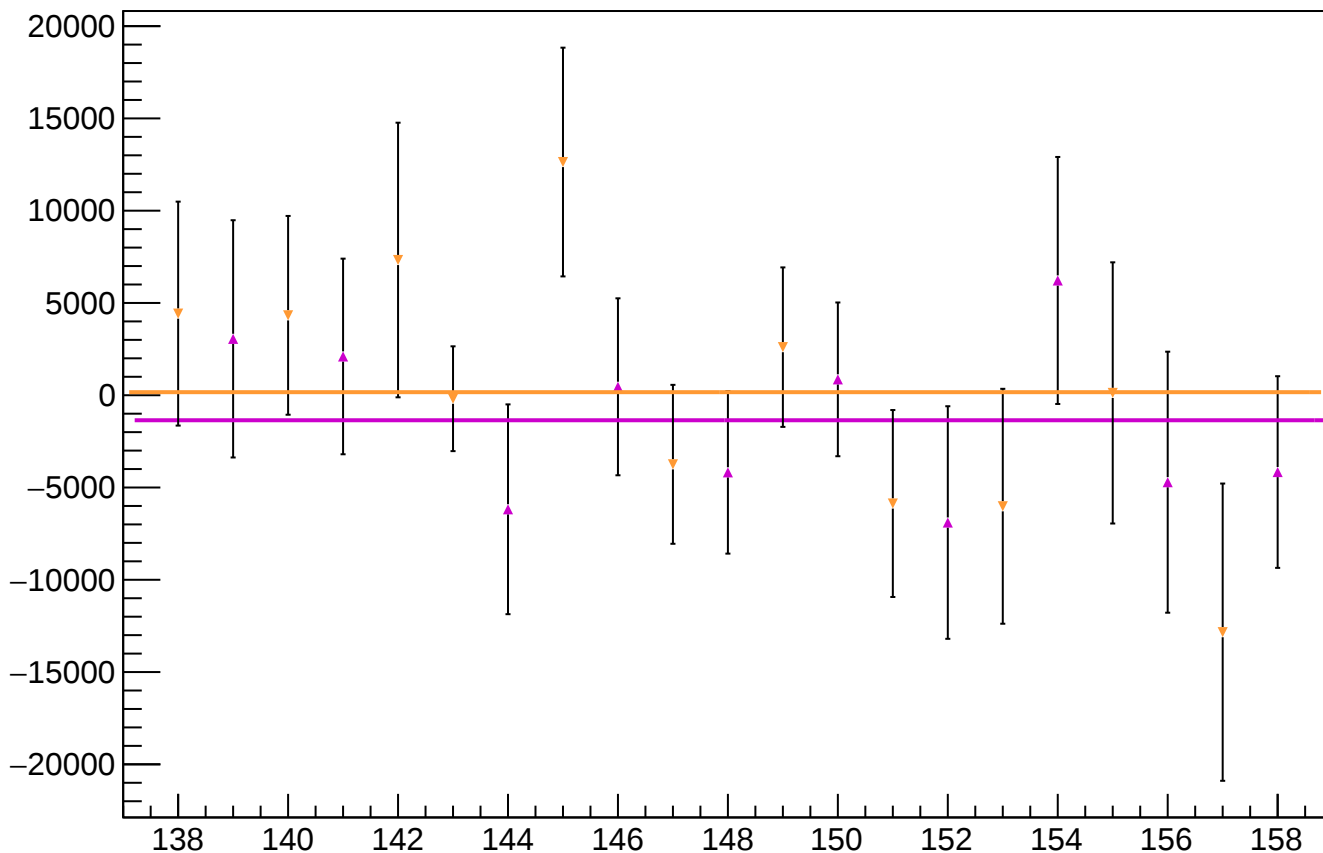
Left In: 1467.185+/-0.362 χ^2/NDF :11086.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1488.547+/-0.261 χ^2/NDF : 178479.0/20

- 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: 165.717+/-1513.936 χ^2/NDF :12.2/10

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

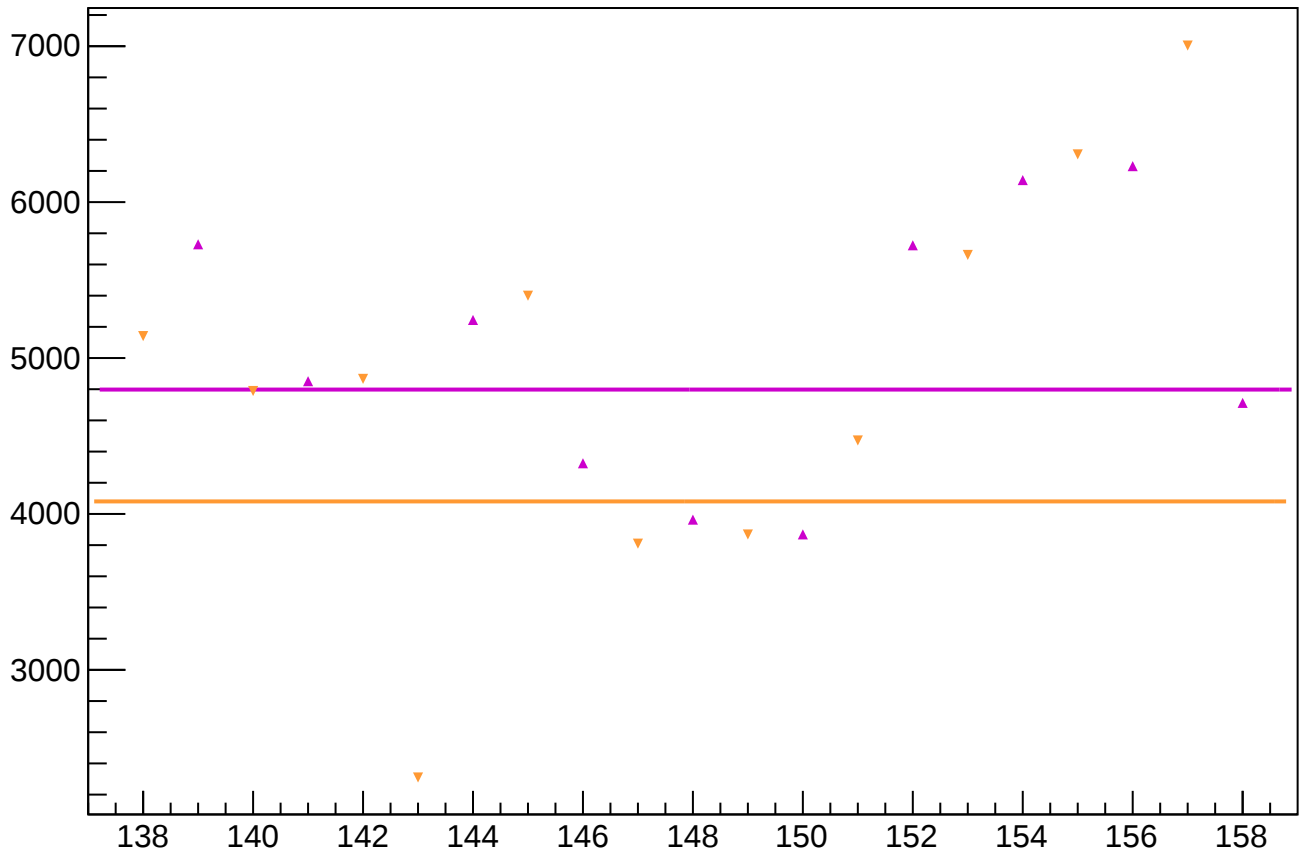
Left In: -1355.864+/-1695.110 χ^2/NDF :5.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -509.442+/-1129.155 χ^2/NDF : 17.7/20

- 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: 4080.385+/-1.071 χ^2/NDF :1595670.7/10

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

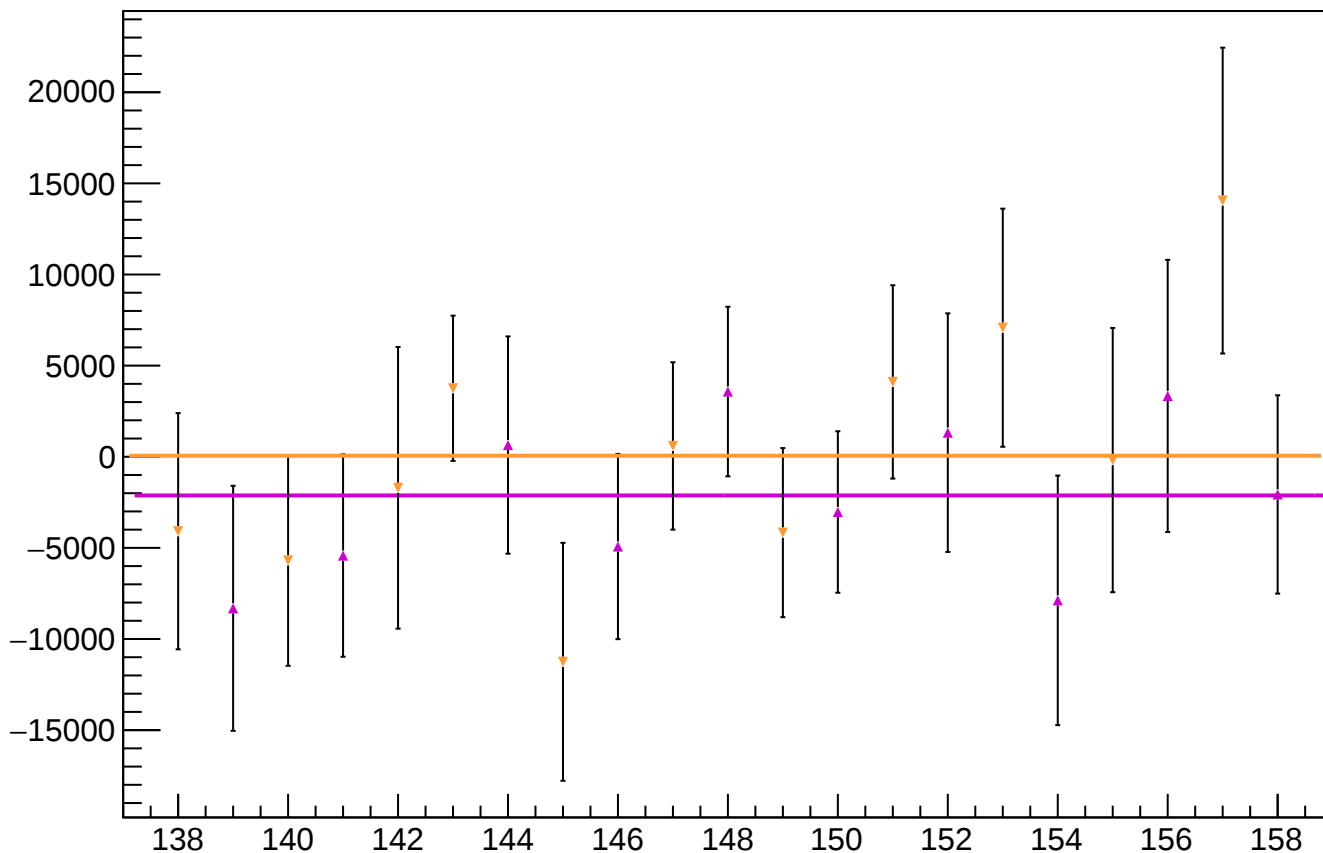
Left In: 4797.742+/-1.199 χ^2/NDF :451574.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4398.692+/-0.798 χ^2/NDF : 2246494.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 56.641+/-1707.398 χ^2/NDF :10.7/10

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

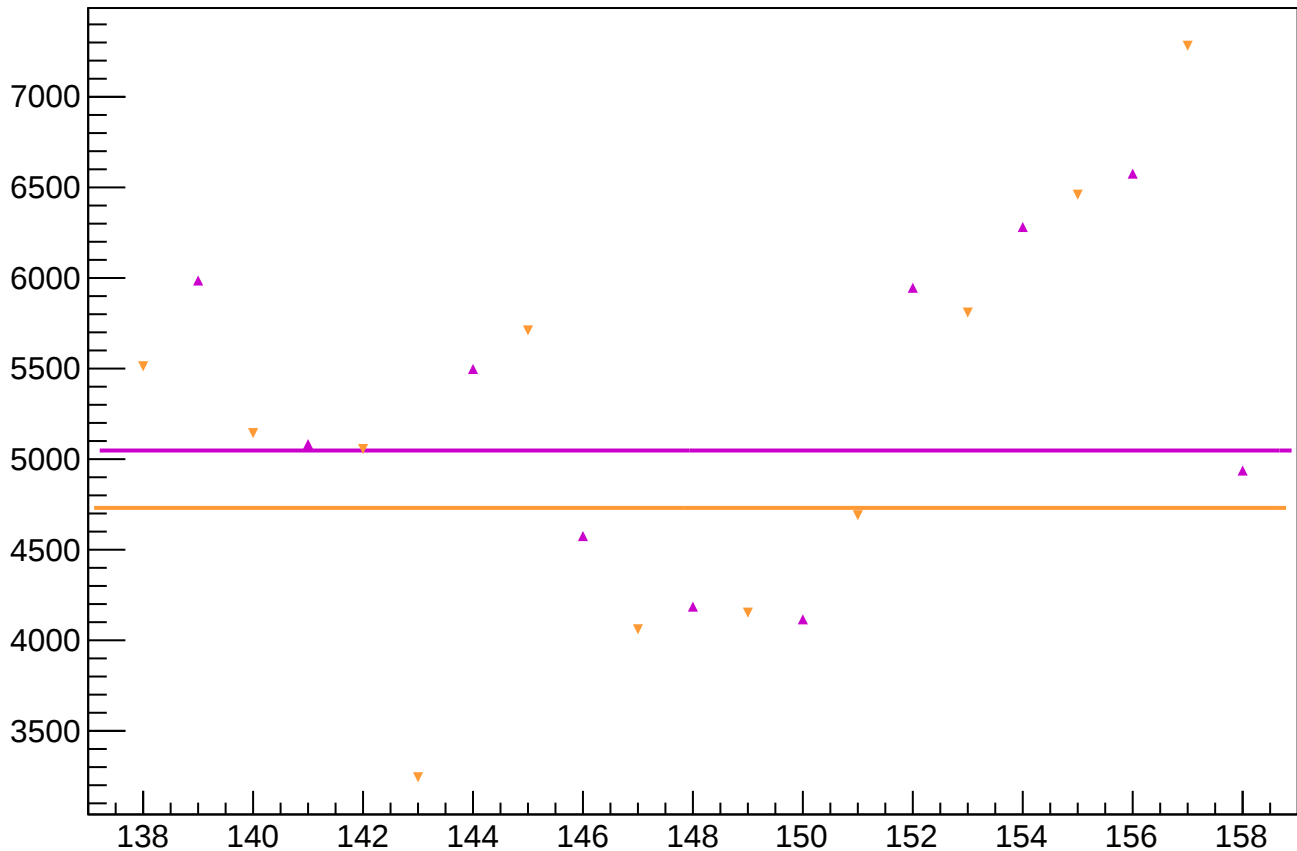
Left In: -2123.866+/-1781.879 χ^2/NDF :4.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -987.089+/-1232.803 χ^2/NDF : 16.2/20

- 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: 4730.962+/-1.207 χ^2/NDF : 793462.8/10

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

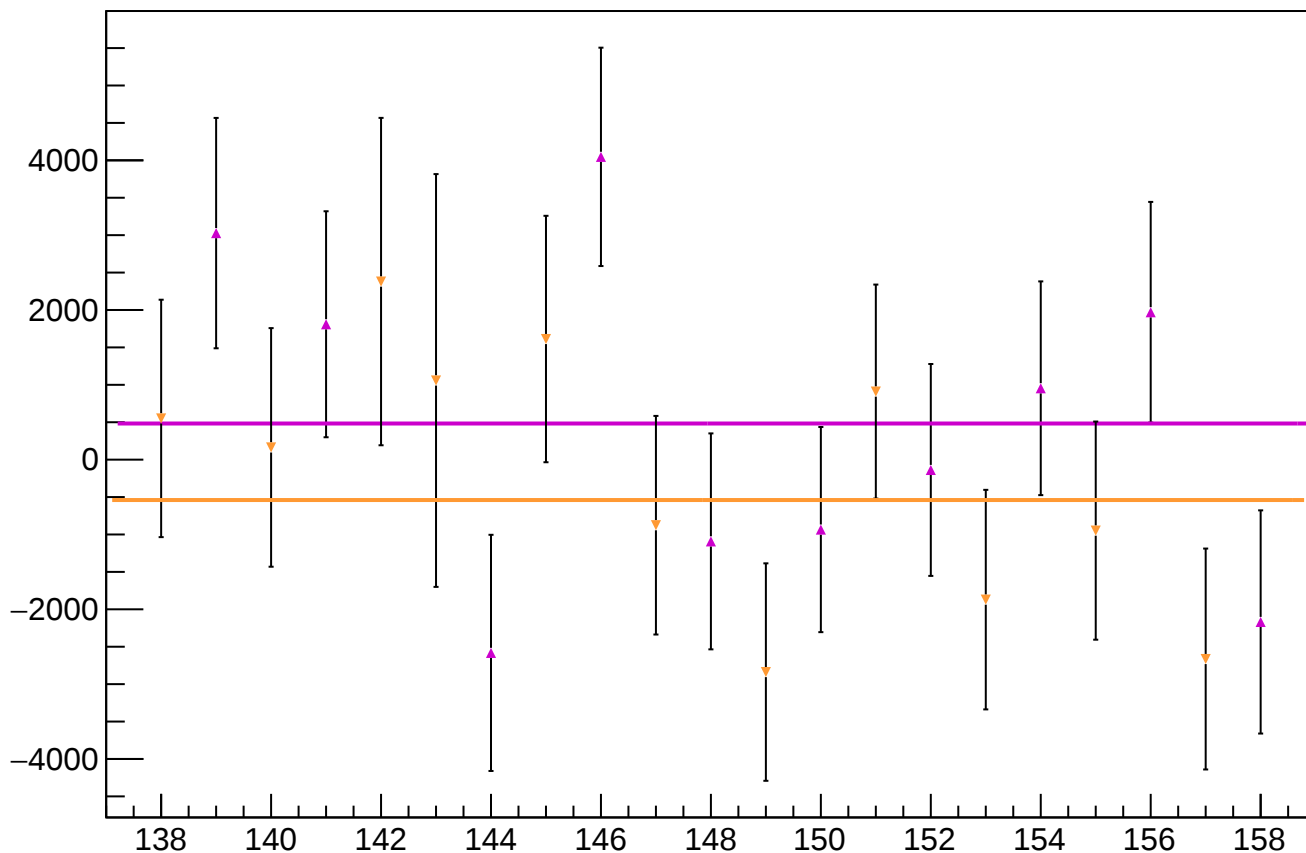
Left In: 5047.628+/-1.260 χ^2/NDF : 412090.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4882.539+/-0.872 χ^2/NDF : 1238483.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -539.740+/-480.810 χ^2/NDF : 11.0/10

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

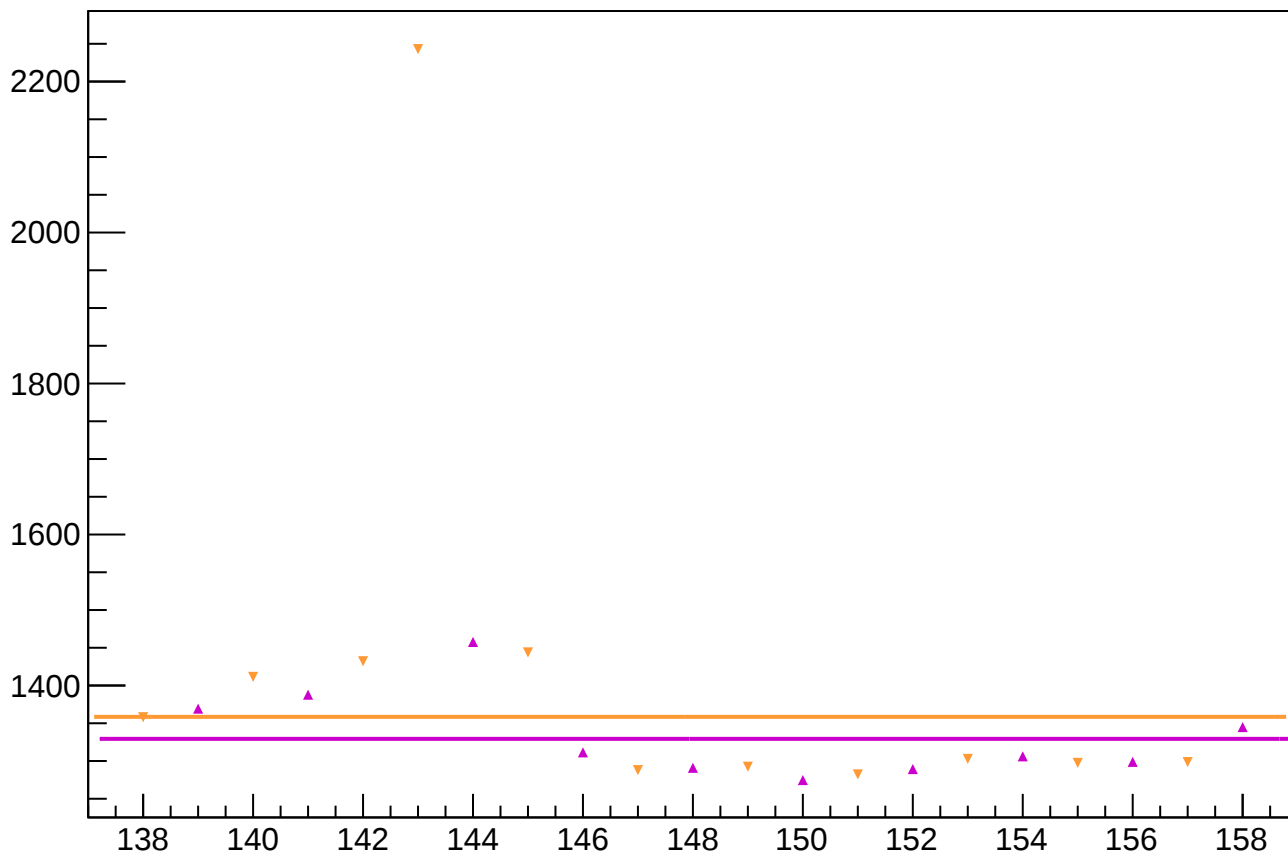
Left In: 482.972+/-464.087 χ^2/NDF : 20.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.290+/-333.914 χ^2/NDF : 33.4/20

- 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 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 1358.489 $\pm$ 0.340 χ^2/NDF :239643.3/10

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

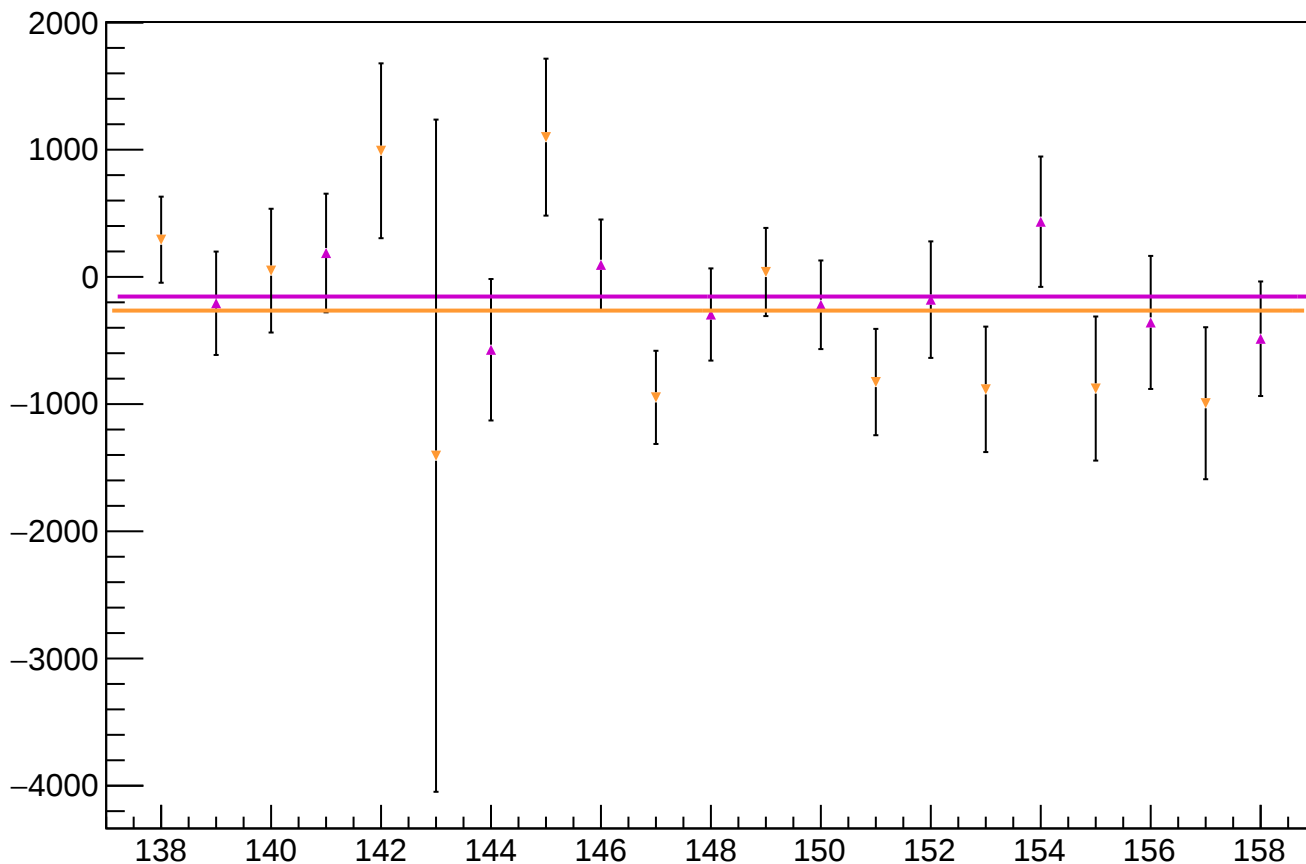
Left In: 1329.345 $\pm$ 0.328 χ^2/NDF :25665.1/9

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

All: 1343.401 $\pm$ 0.236 χ^2/NDF : 269112.4/20

- sign 0.000 $\pm$ 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: -264.886+/-142.300 χ^2/NDF : 21.8/10

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

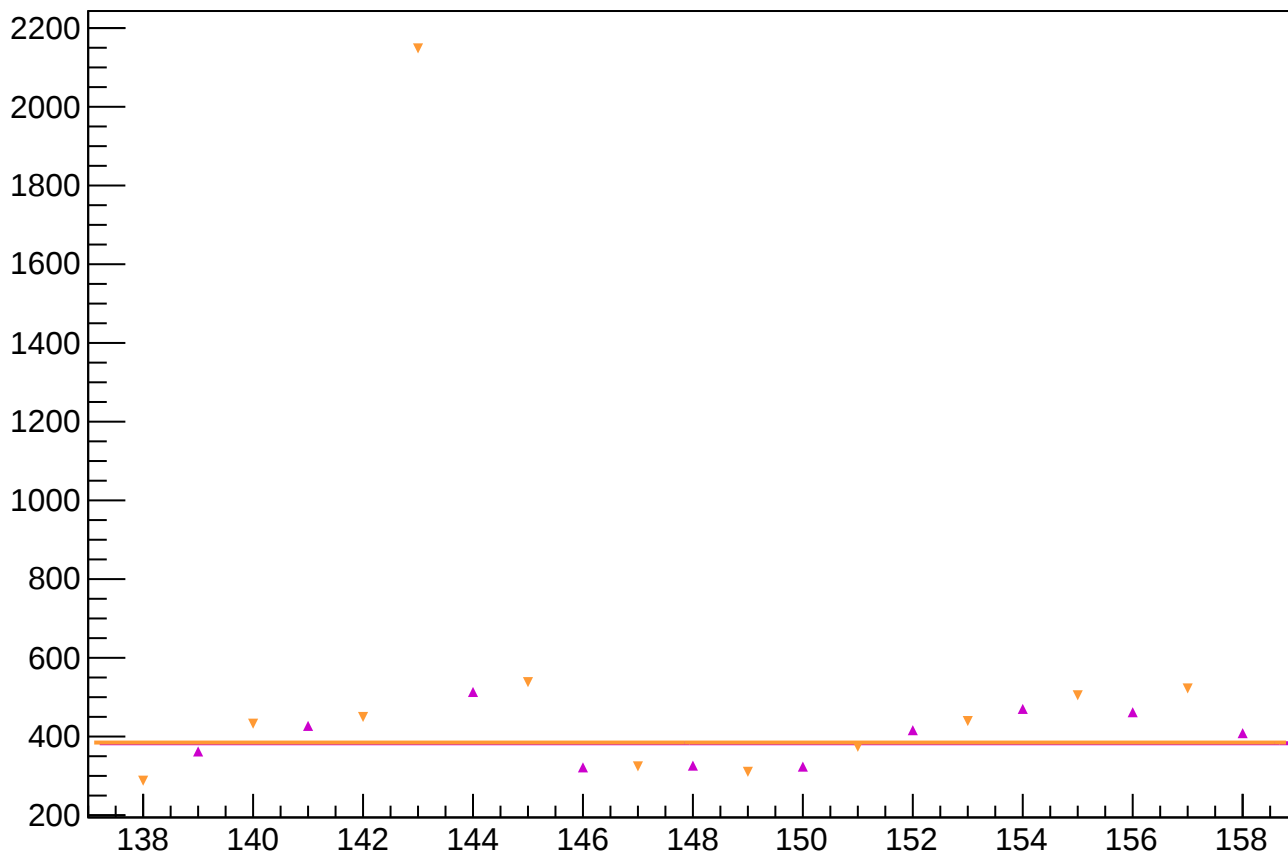
Left In: -154.481+/-135.103 χ^2/NDF : 3.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.821+/-97.978 χ^2/NDF : 25.9/20

- 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: 384.723+/-0.101 χ^2/NDF :1584587.8/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

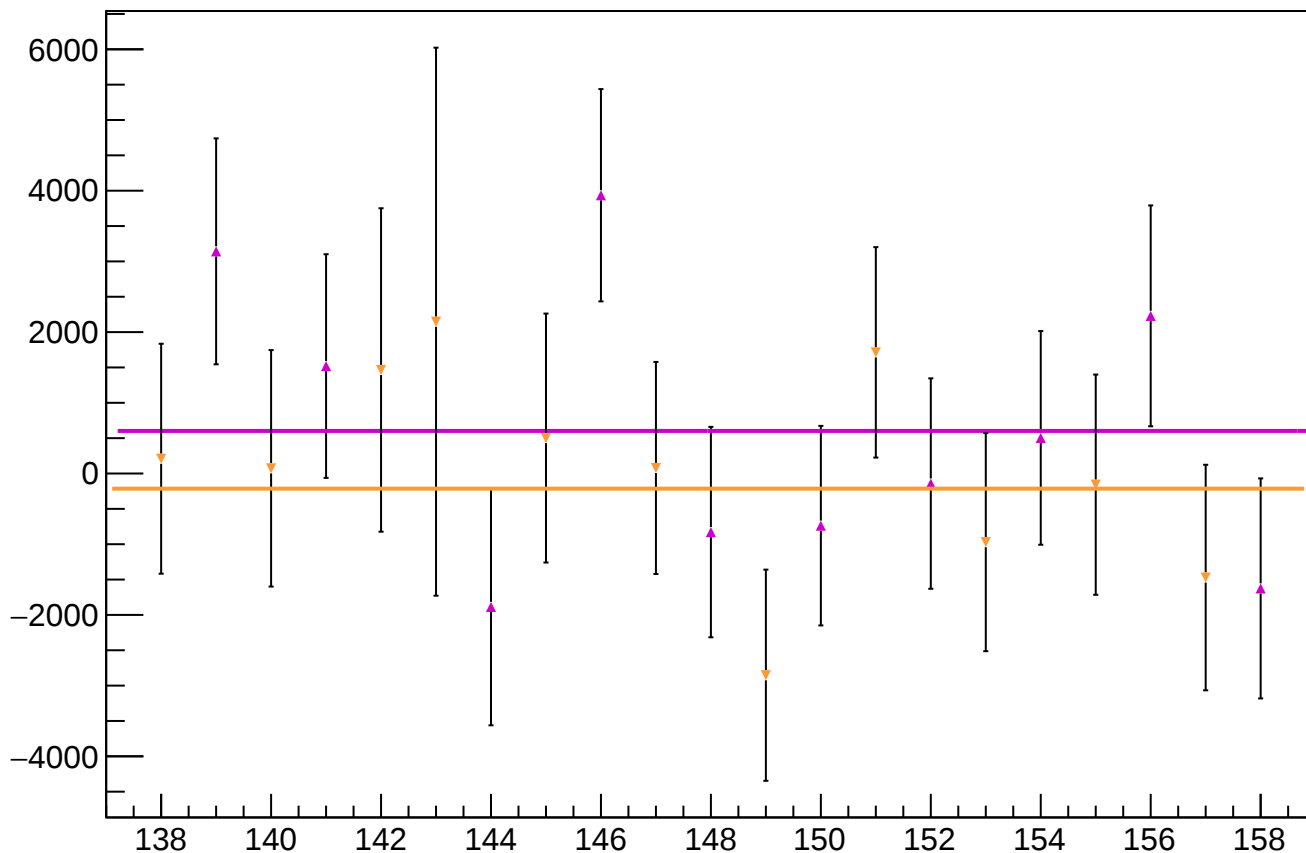
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.790+/-0.069 χ^2/NDF : 2004593.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 382.949+/-0.096 χ^2/NDF :419842.0/9

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -214.327+/-507.267 χ^2/NDF : 6.9/10

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

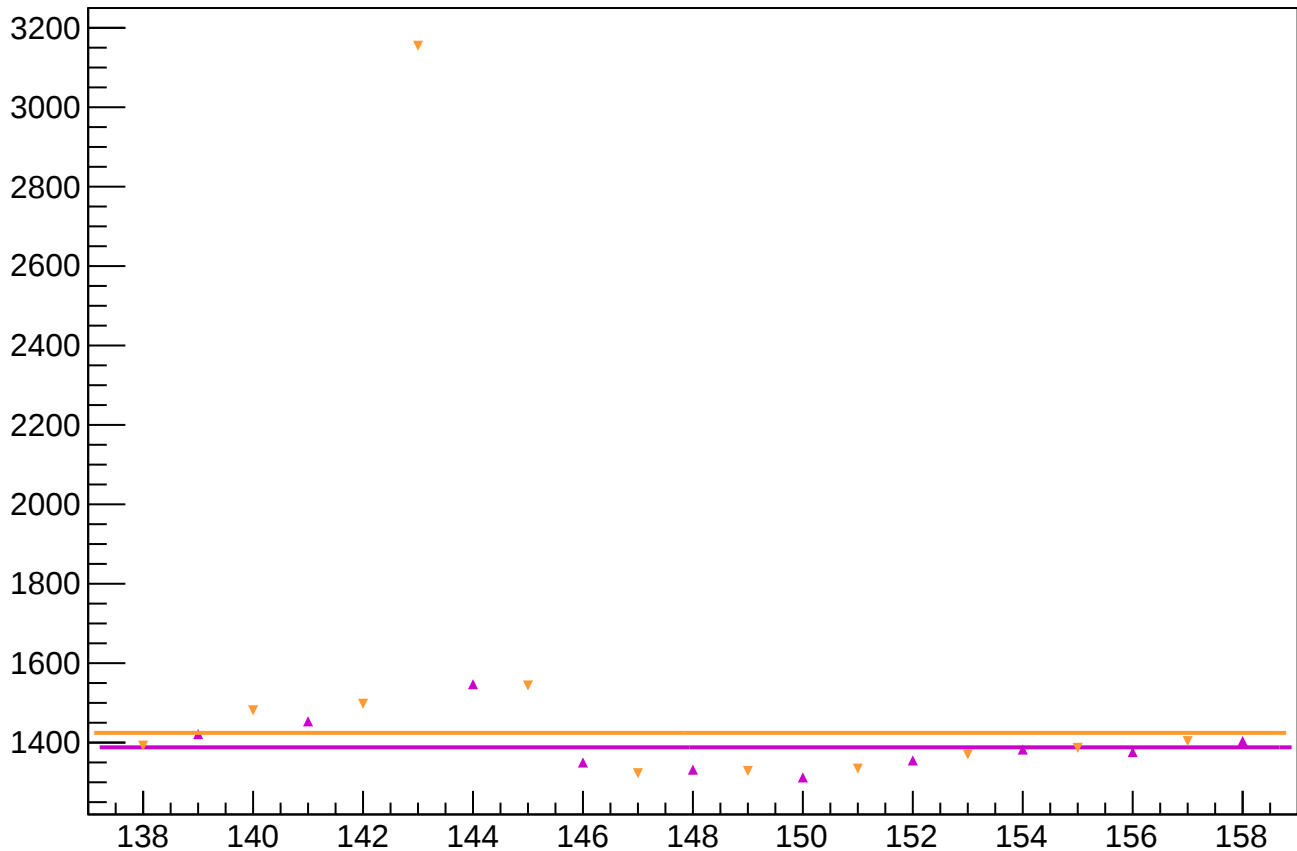
Left In: 602.483+/-484.624 χ^2/NDF : 15.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.714+/-350.412 χ^2/NDF : 23.4/20

- 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: 1424.534+/-0.359 χ^2/NDF : 441750.1/10

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

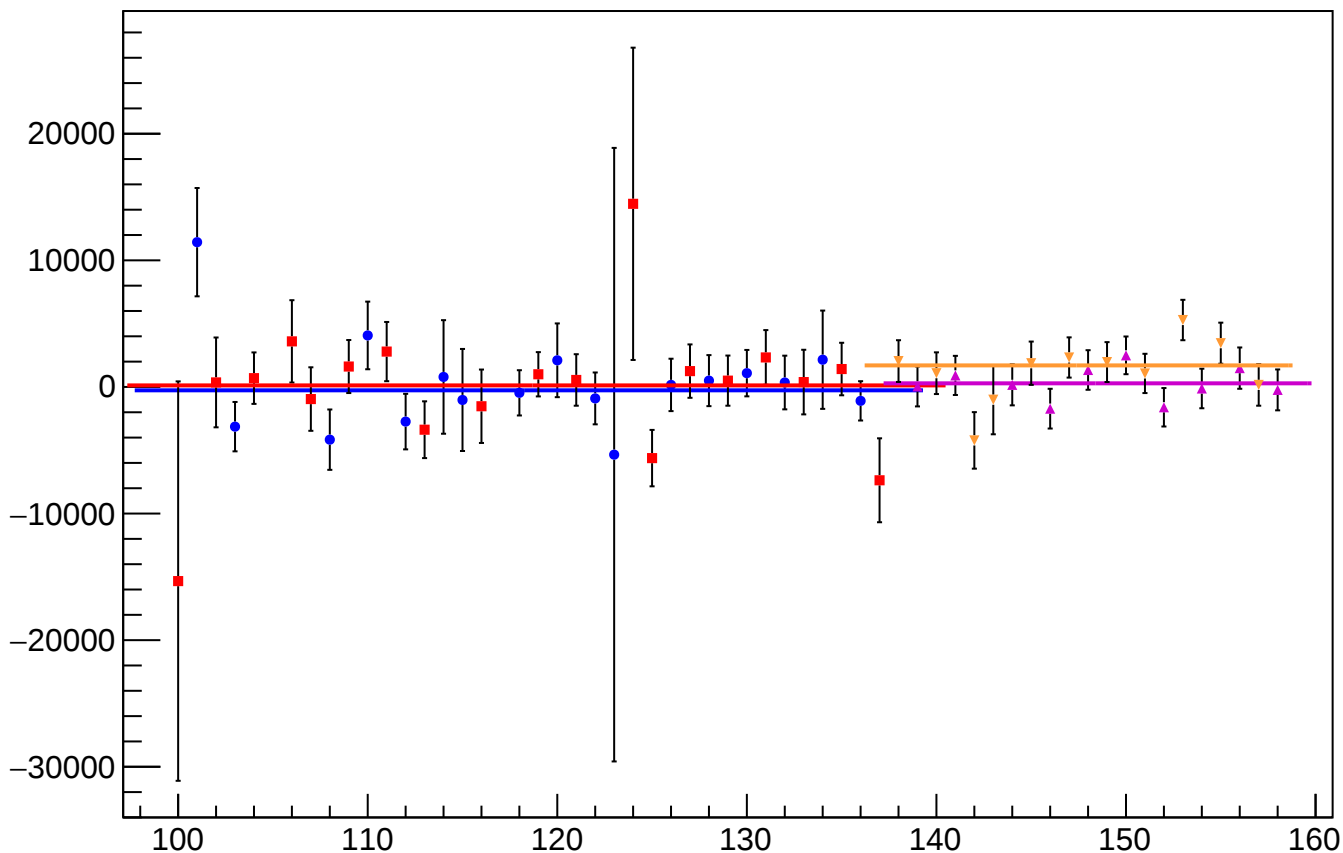
Left In: 1388.043+/-0.343 χ^2/NDF : 33553.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.456+/-0.248 χ^2/NDF : 480714.1/20

- 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+/-567.455 χ^2/NDF : 18.6/16

Left Out: 1702.067+/-514.933 χ^2/NDF : 15.7/10

Right Out: 122.072+/-554.216 χ^2/NDF : 22.1/18

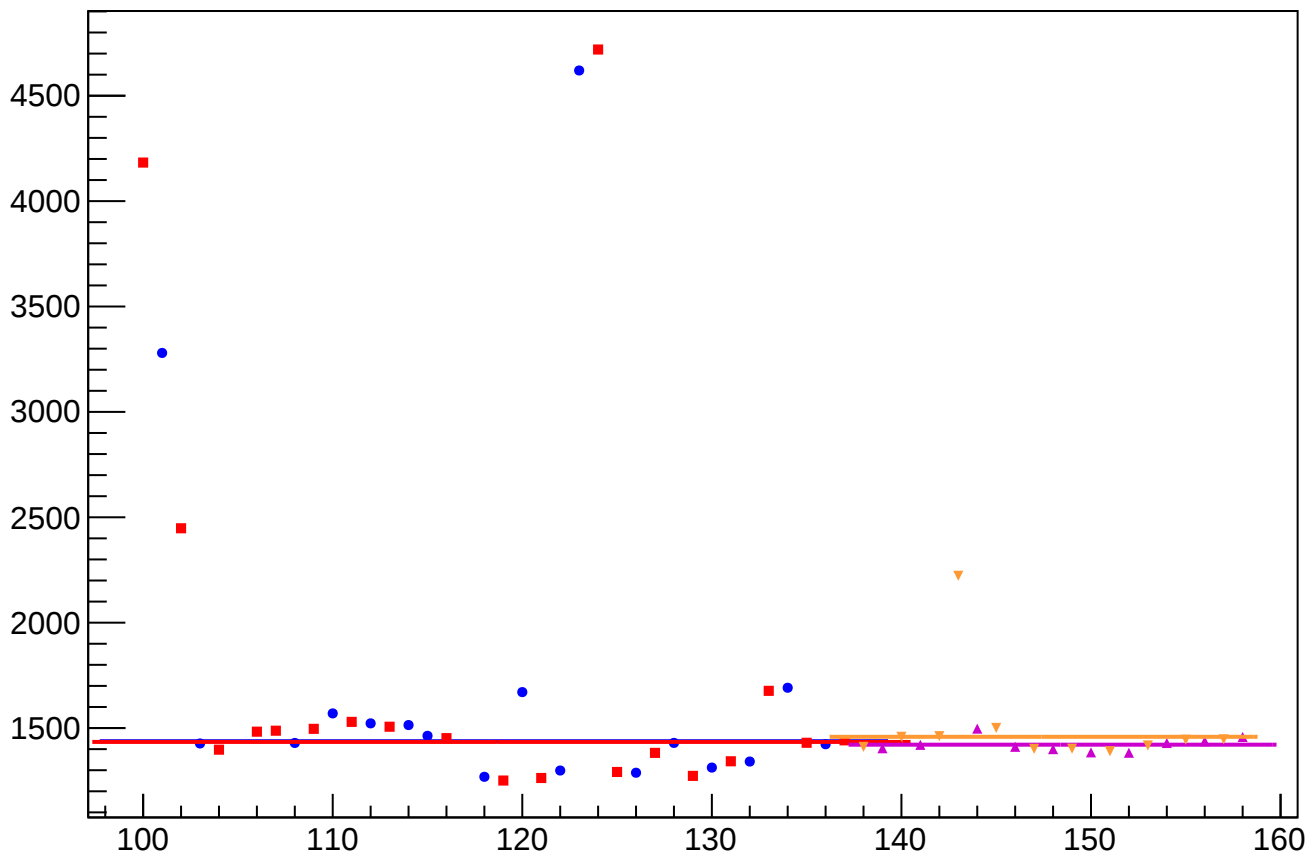
Left In: 285.636+/-495.726 χ^2/NDF : 6.7/9

+ sign 813.008+/-381.332 χ^2/NDF : 40.9/27

All: 503.507+/-265.355 χ^2/NDF : 71.1/56

- sign 212.937+/-369.486 χ^2/NDF : 28.9/28

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1437.576+/-0.401 χ^2/NDF : 486465.9/16

Left Out: 1458.529+/-0.364 χ^2/NDF : 169710.0/10

Right Out: 1434.272+/-0.392 χ^2/NDF : 455611.8/18

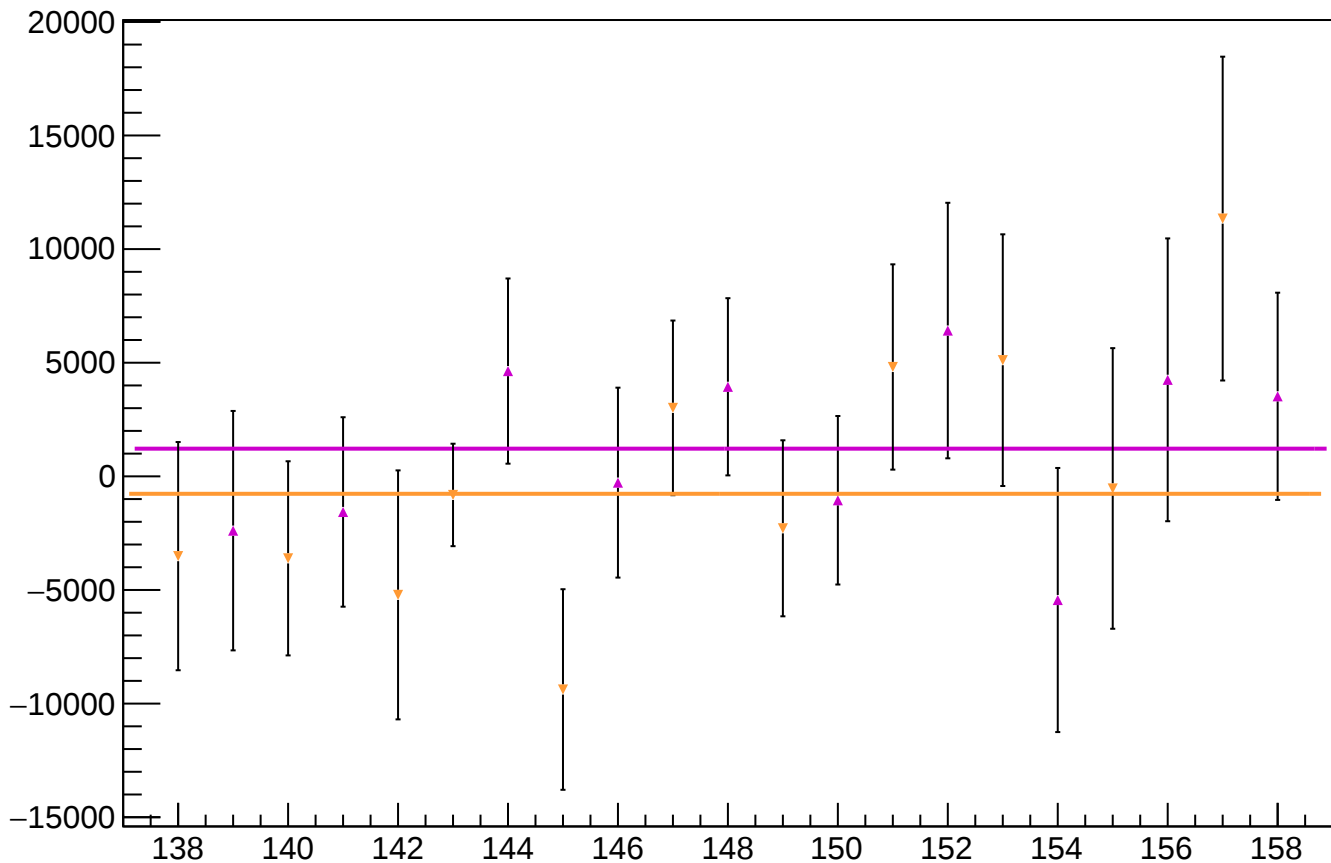
Left In: 1421.110+/-0.351 χ^2/NDF : 8853.0/9

+ sign 1449.067+/-0.270 χ^2/NDF : 657671.1/27

All: 1437.664+/-0.188 χ^2/NDF : 1126229.6/56

- sign 1426.964+/-0.261 χ^2/NDF : 465092.0/28

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -767.956+/-1252.074 χ^2/NDF :11.9/10

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

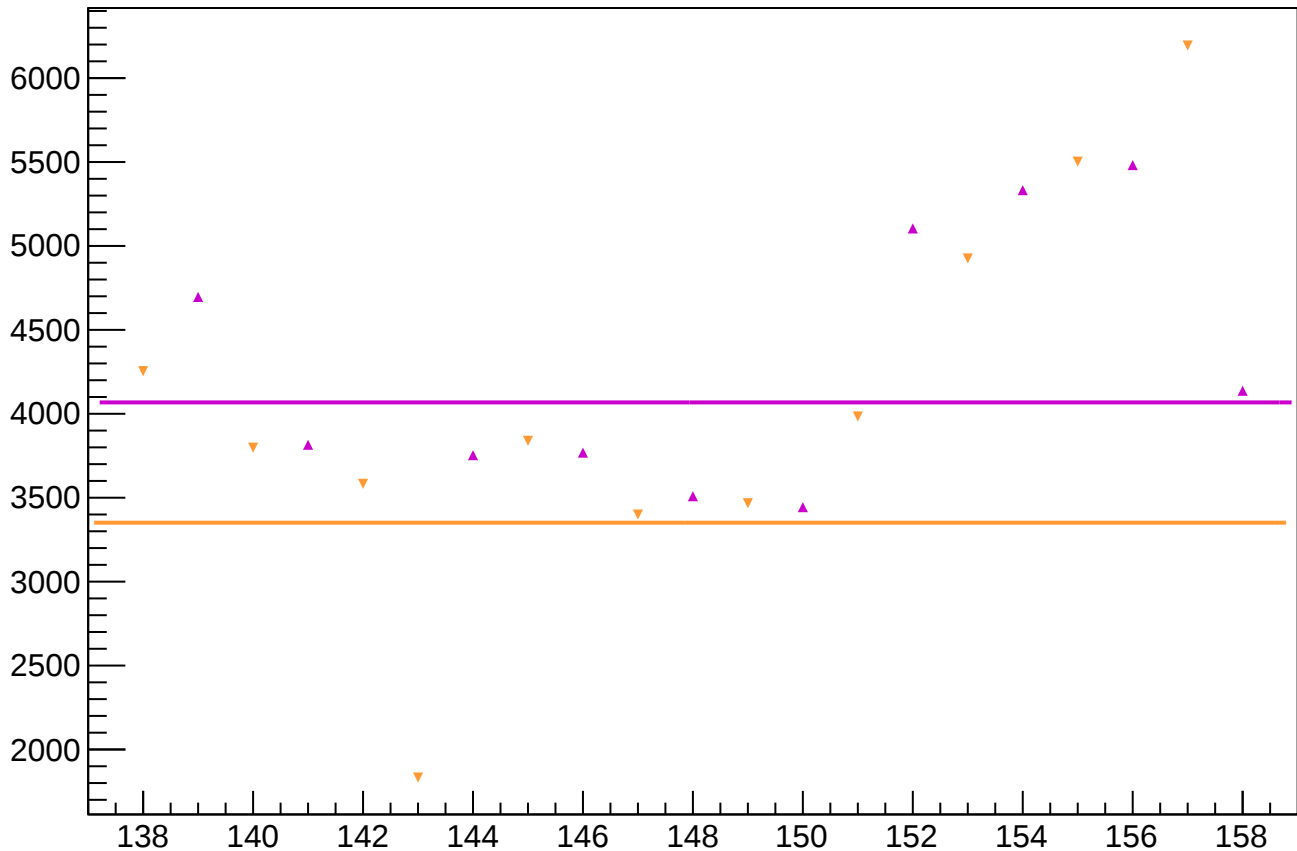
Left In: 1218.127+/-1436.213 χ^2/NDF :5.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.680+/-943.782 χ^2/NDF : 18.2/20

- 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: 3351.196+/-0.885 χ^2/NDF :1786235.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

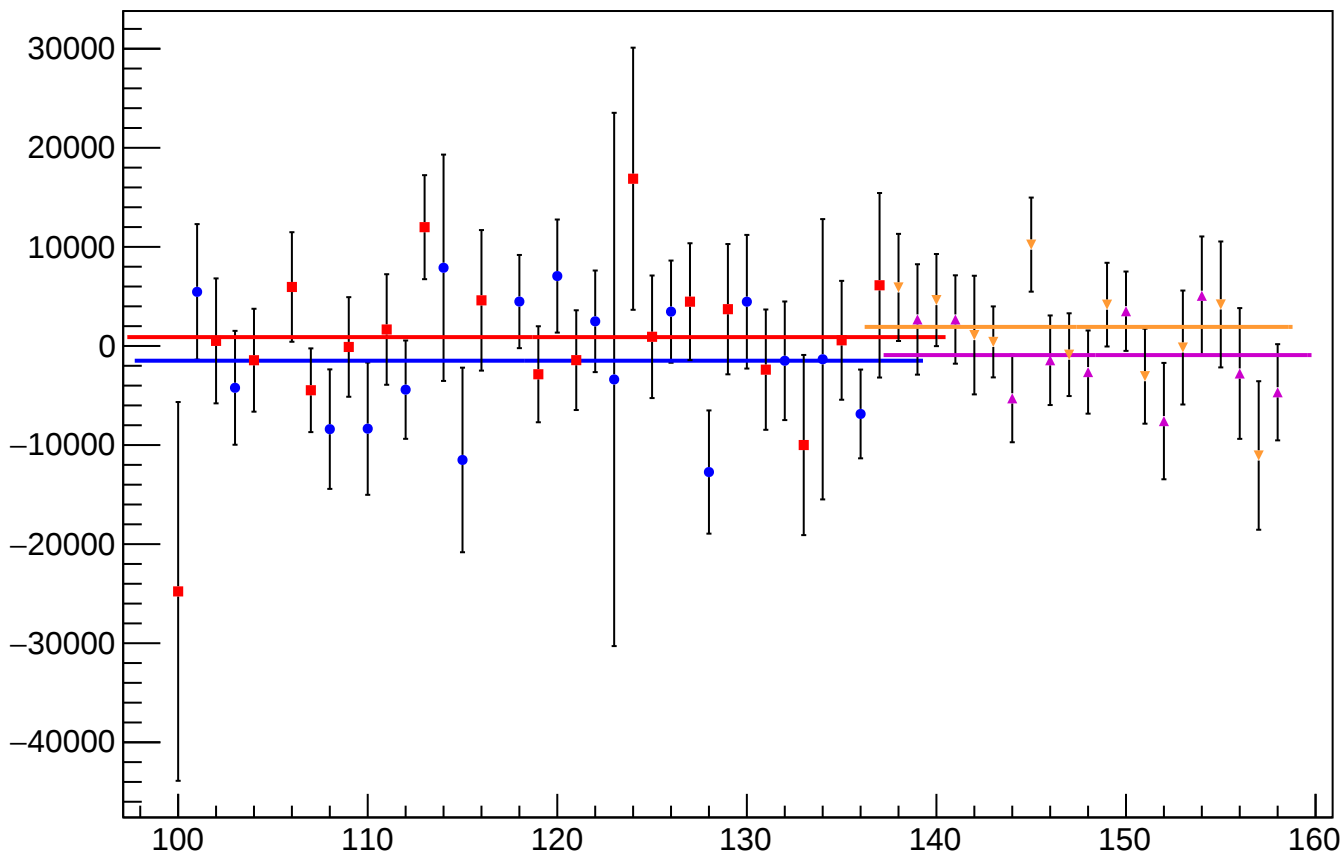
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3660.652+/-0.667 χ^2/NDF : 2491283.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4067.823+/-1.016 χ^2/NDF :422129.6/9

asym_atl_dd_atr_dd_avg_mean vs Slug



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

Left Out: 1924.665 ± 1473.845 χ^2/NDF : 9.2/10

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

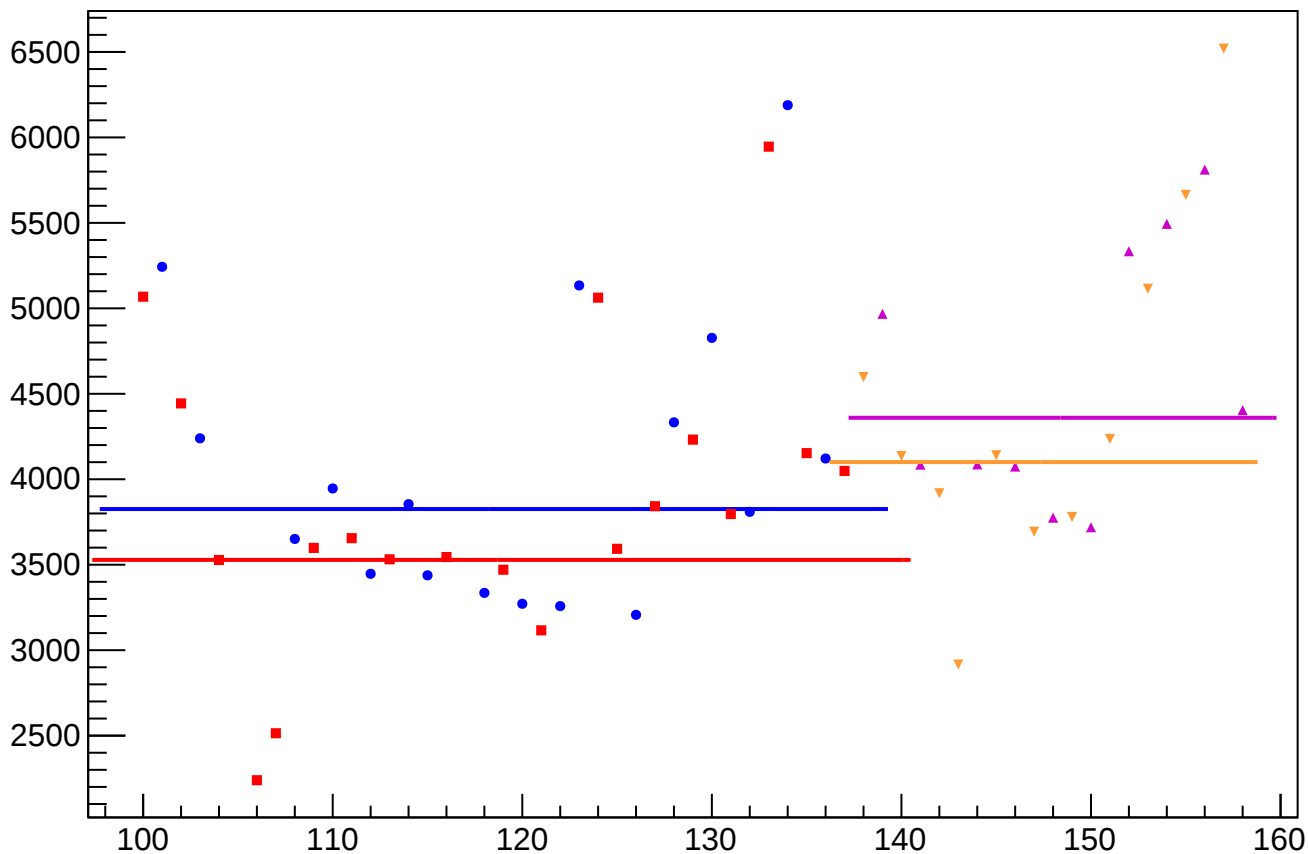
Left In: -920.091 ± 1536.162 χ^2/NDF : 6.4/9

+ sign 247.812 ± 1050.987 χ^2/NDF : 28.5/27

All: 164.264 ± 734.218 χ^2/NDF : 49.8/56

- sign 84.619 ± 1026.142 χ^2/NDF : 21.3/28

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4100.640+/-1.042 χ^2/NDF : 661451.5/10

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

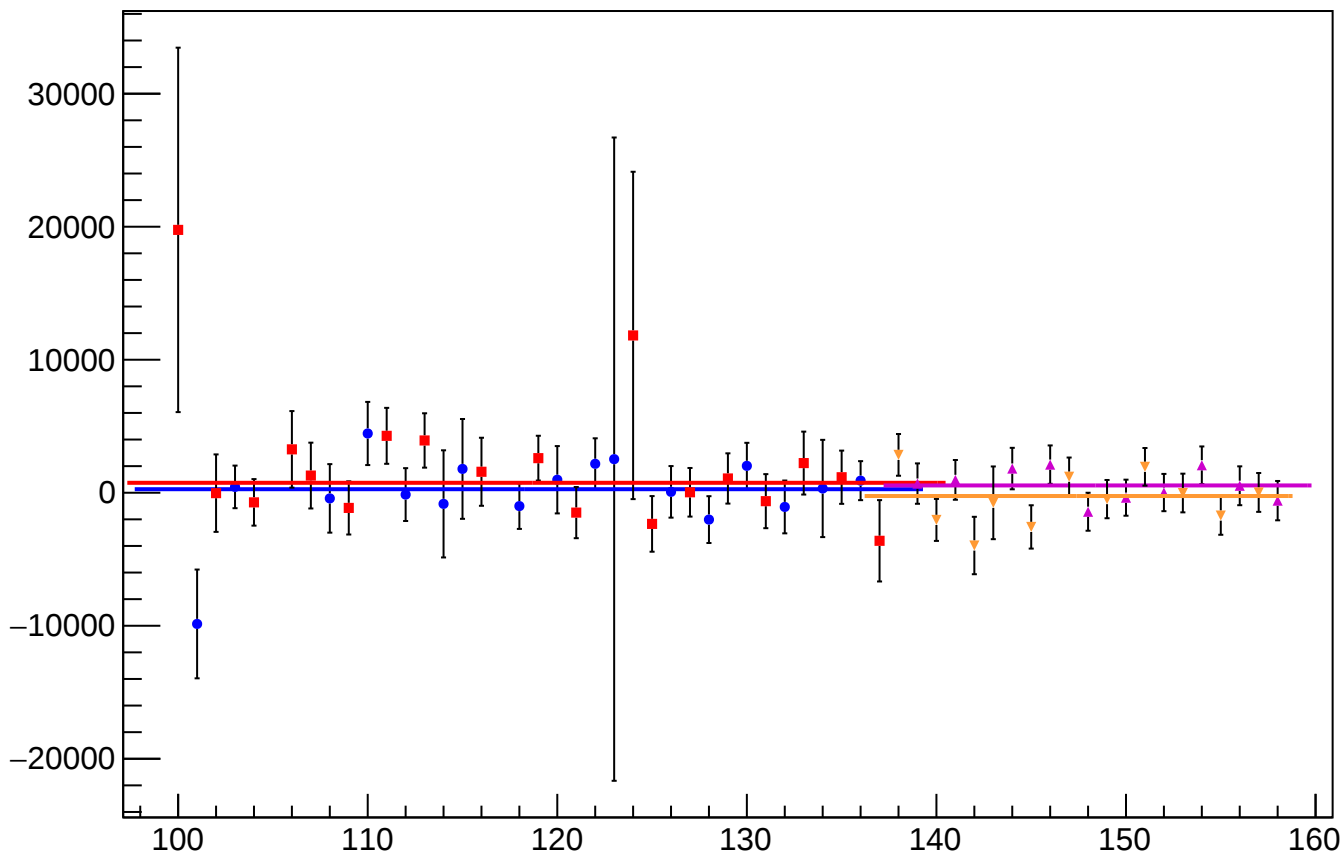
Left In: 4359.721+/-1.086 χ^2/NDF : 360833.8/9

+ sign 3965.574+/-0.743 χ^2/NDF : 1030028.7/27

All: 3929.540+/-0.518 χ^2/NDF : 2277941.1/56

- sign 3895.536+/-0.722 χ^2/NDF : 1243342.7/28

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 265.987 $\pm$ 523.529 χ^2 /NDF: 14.6/16

Left Out: -245.855 $\pm$ 475.765 χ^2 /NDF:14.8/10

Right Out: 747.421 $\pm$ 511.778 χ^2 /NDF: 18.4/18

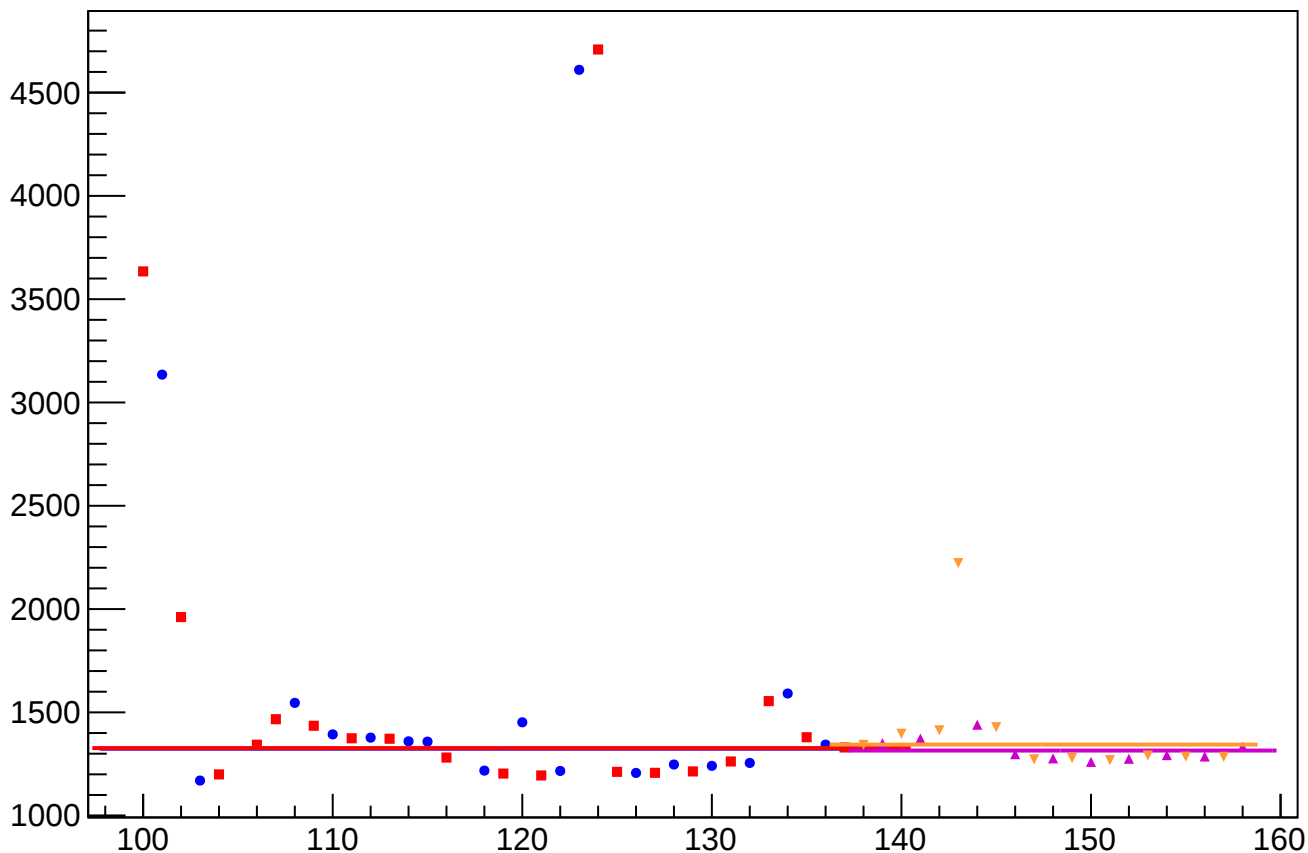
Left In: 549.261 $\pm$ 459.140 χ^2 /NDF:6.2/9

+ sign -14.344 $\pm$ 352.095 χ^2 /NDF: 29.9/27

All: 321.351 $\pm$ 245.233 χ^2 /NDF: 56.4/56

- sign 637.630 $\pm$ 341.761 χ^2 /NDF: 24.7/28

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1344.125+/-0.336 χ^2/NDF : 240065.1/10

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

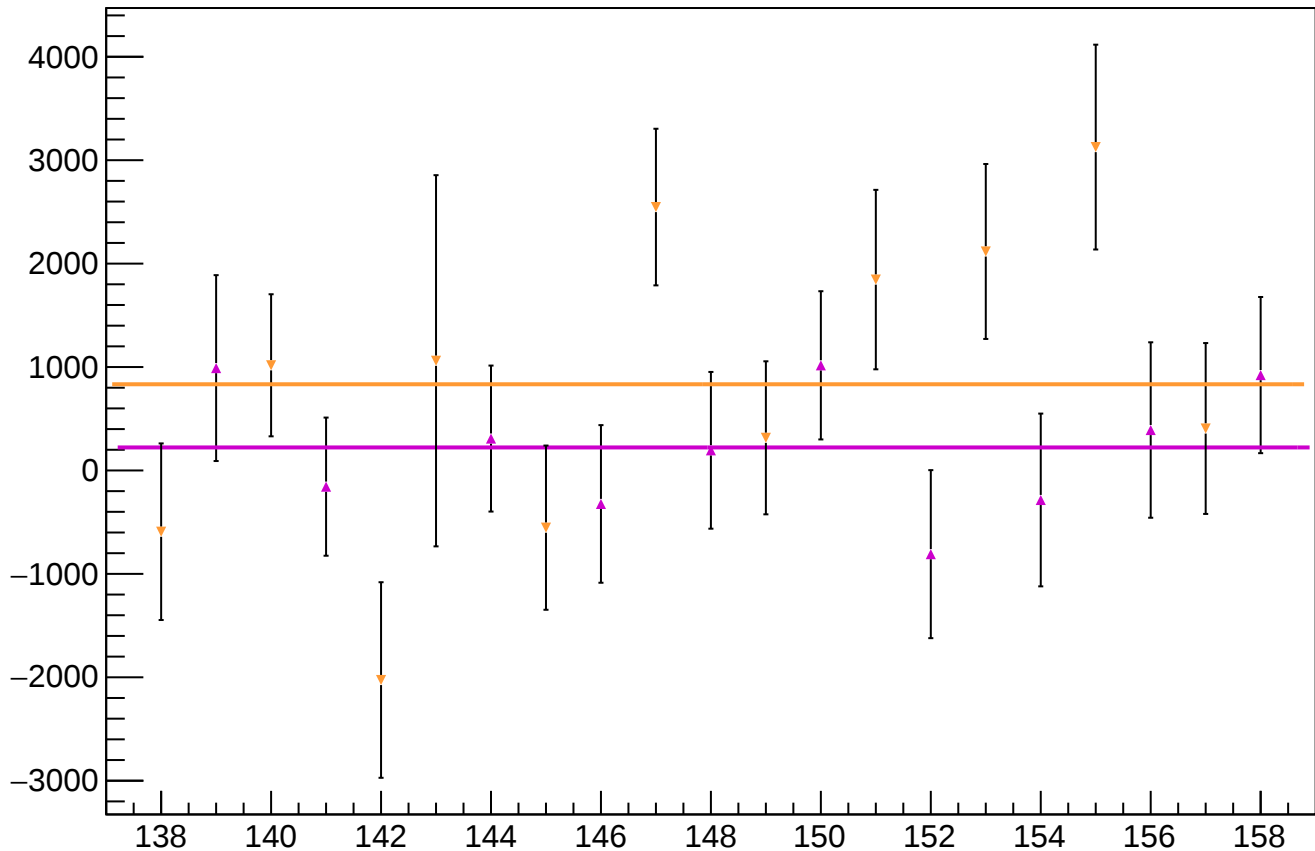
Left In: 1315.172+/-0.325 χ^2/NDF : 25121.9/9

+ sign 1335.150+/-0.249 χ^2/NDF : 755728.4/27

All: 1327.573+/-0.173 χ^2/NDF : 1175315.4/56

- sign 1320.435+/-0.242 χ^2/NDF : 417788.5/28

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 833.434+/-255.744 χ^2/NDF : 30.0/10

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

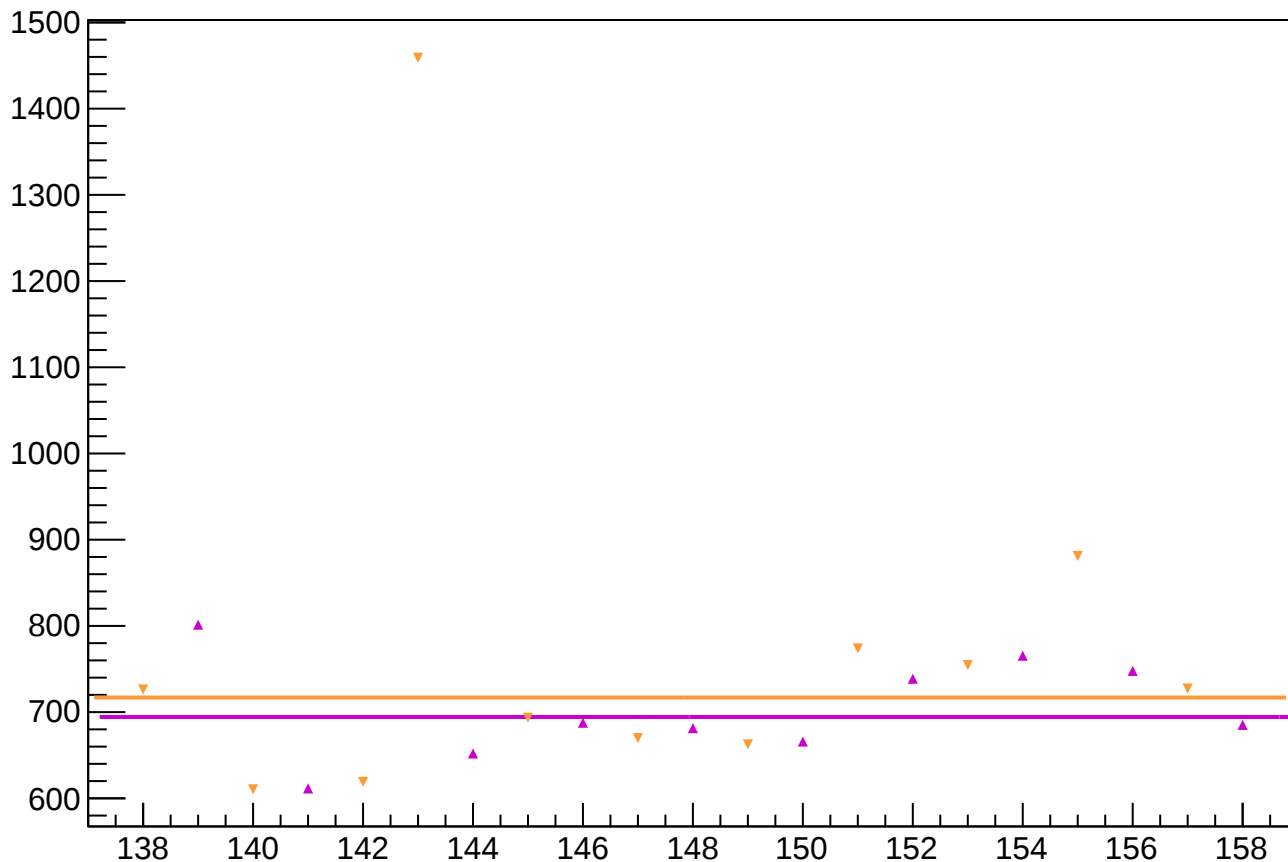
Left In: 222.522+/-242.604 χ^2/NDF : 5.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.881+/-176.009 χ^2/NDF : 38.7/20

- 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: 716.938+/-0.181 χ^2/NDF :499825.0/10

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

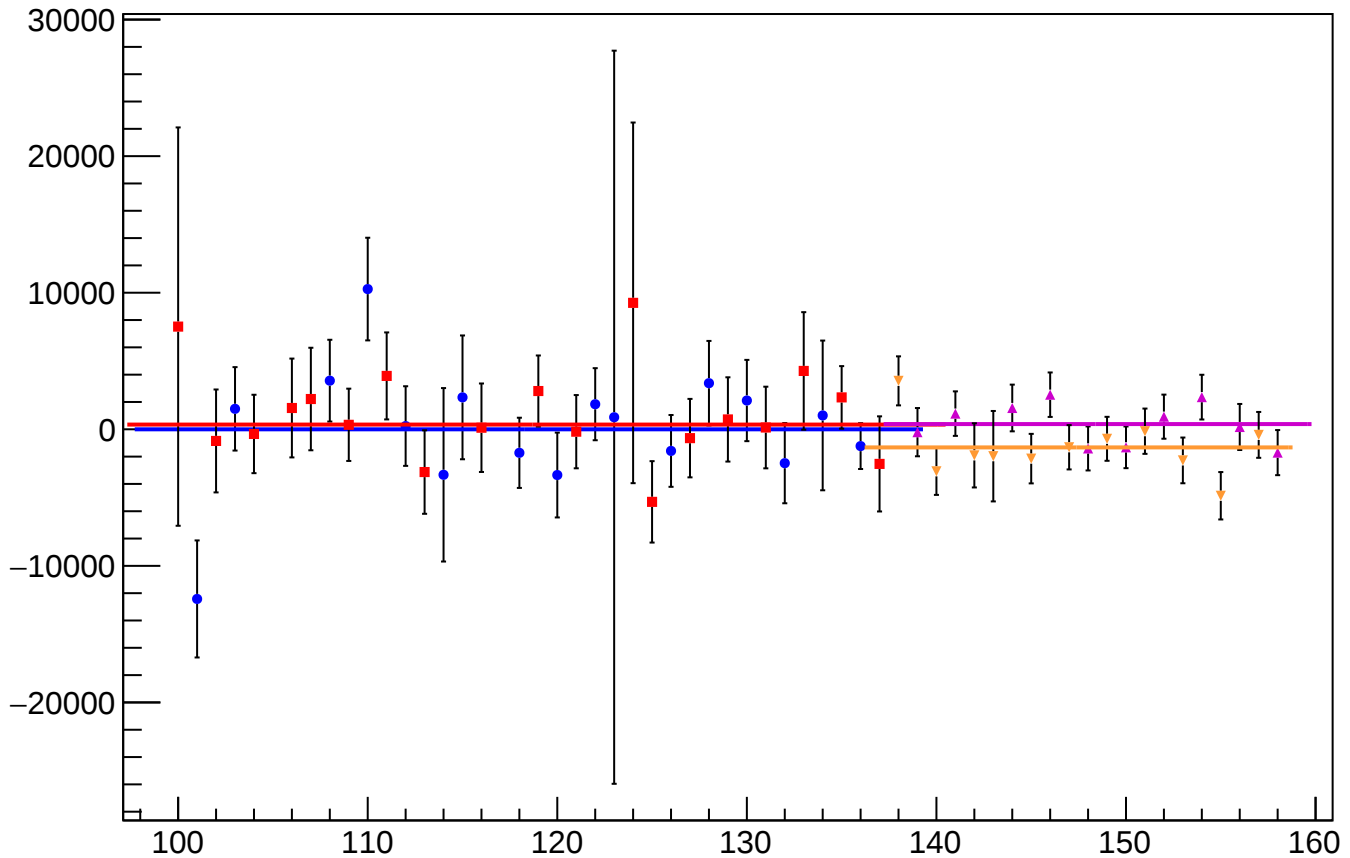
Left In: 694.360+/-0.172 χ^2/NDF :98935.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 705.054+/-0.124 χ^2/NDF : 606965.2/20

- 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: -1326.635 ± 542.624 χ^2/NDF : 14.2/10

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

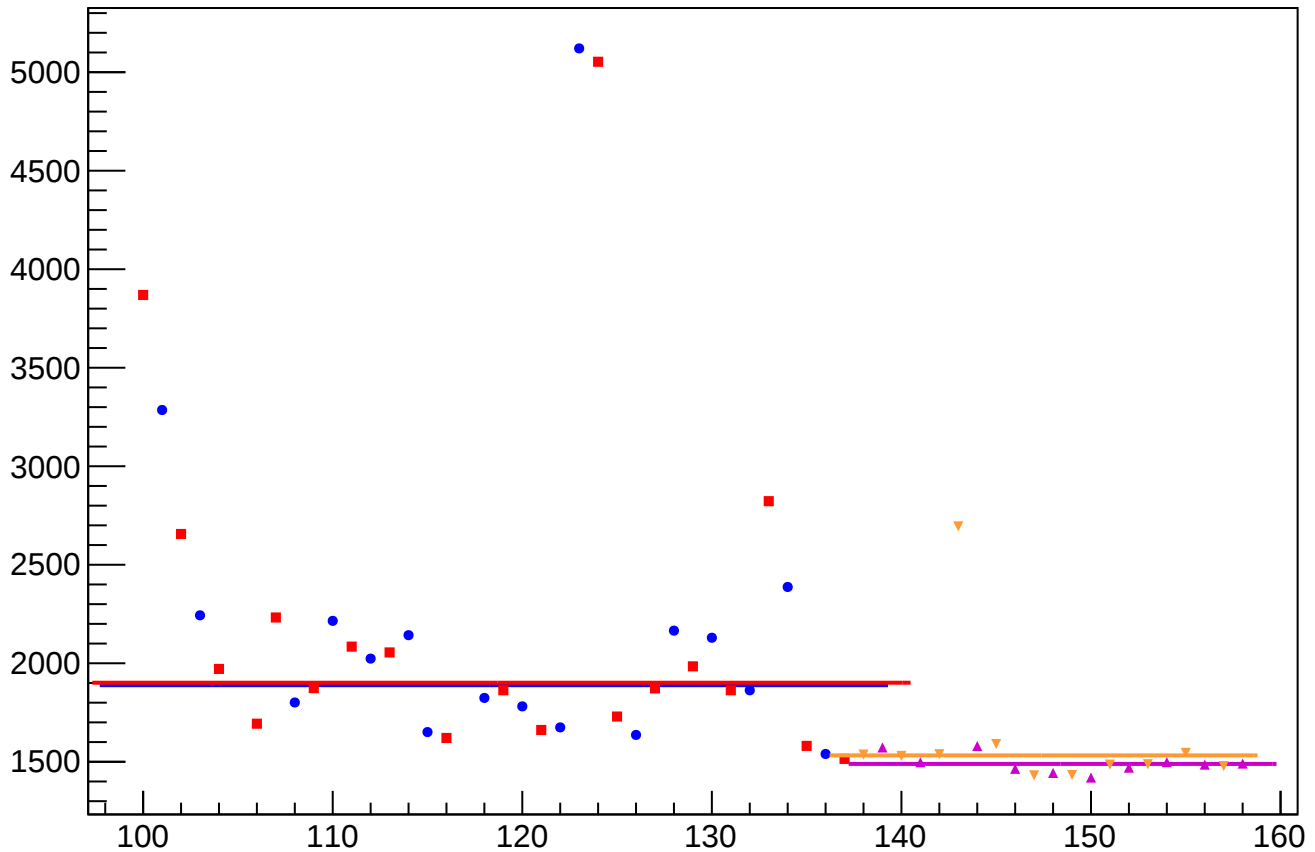
Left In: 381.988 ± 519.496 χ^2/NDF : 8.2/9

+ sign -867.611 ± 438.626 χ^2/NDF : 39.7/27

All: -227.964 ± 304.846 χ^2/NDF : 62.8/56

- sign 369.686 ± 423.982 χ^2/NDF : 18.9/28

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1532.456+/-0.384 χ^2/NDF : 269159.9/10

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

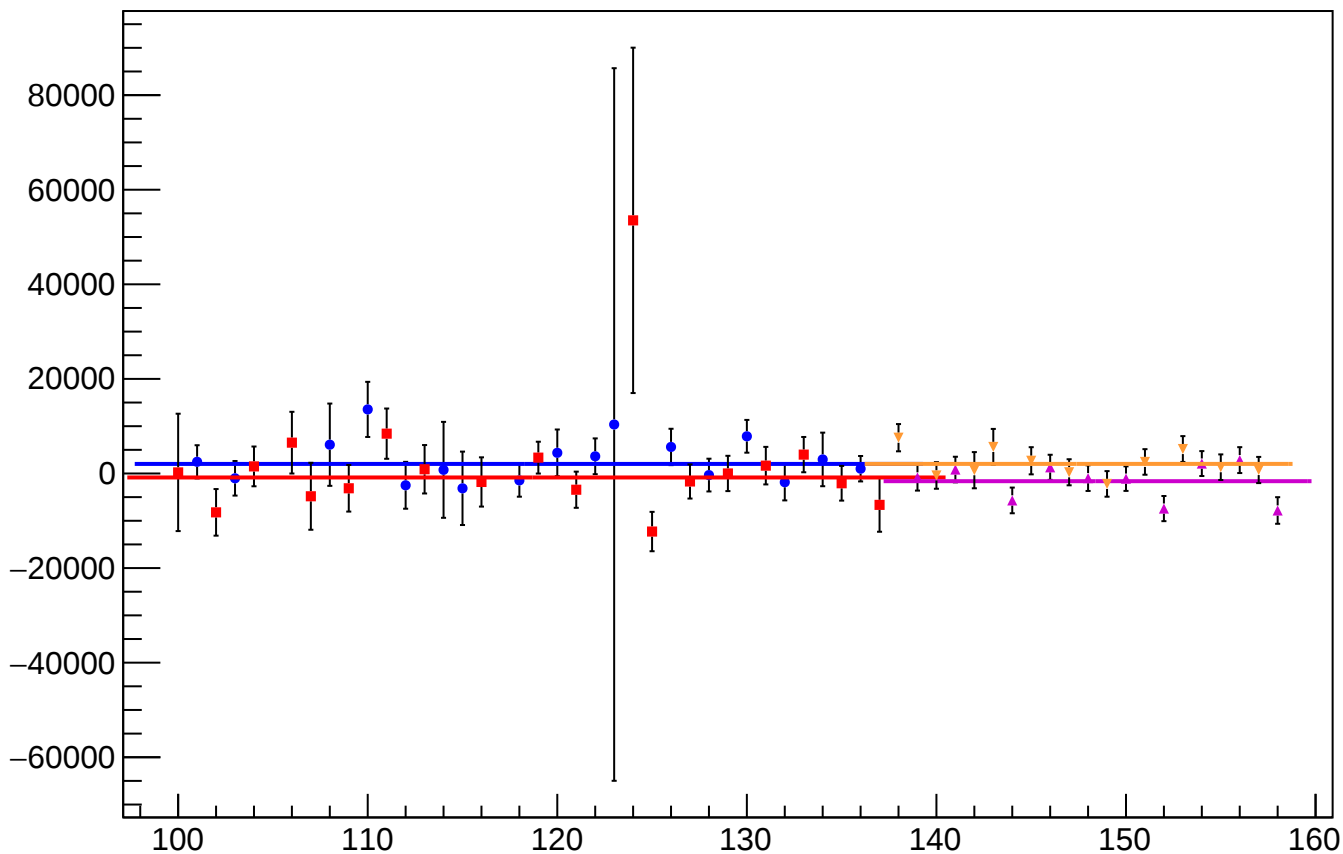
Left In: 1489.135+/-0.367 χ^2/NDF : 16719.1/9

+ sign 1655.963+/-0.310 χ^2/NDF : 1033957.8/27

All: 1640.859+/-0.216 χ^2/NDF : 1936968.9/50

- sign 1626.747+/-0.300 χ^2/NDF : 898424.0/28

dit_asym_atl1_mean vs Slug



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

Left Out: 2027.055+/-873.203 χ^2/NDF : 10.0/10

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

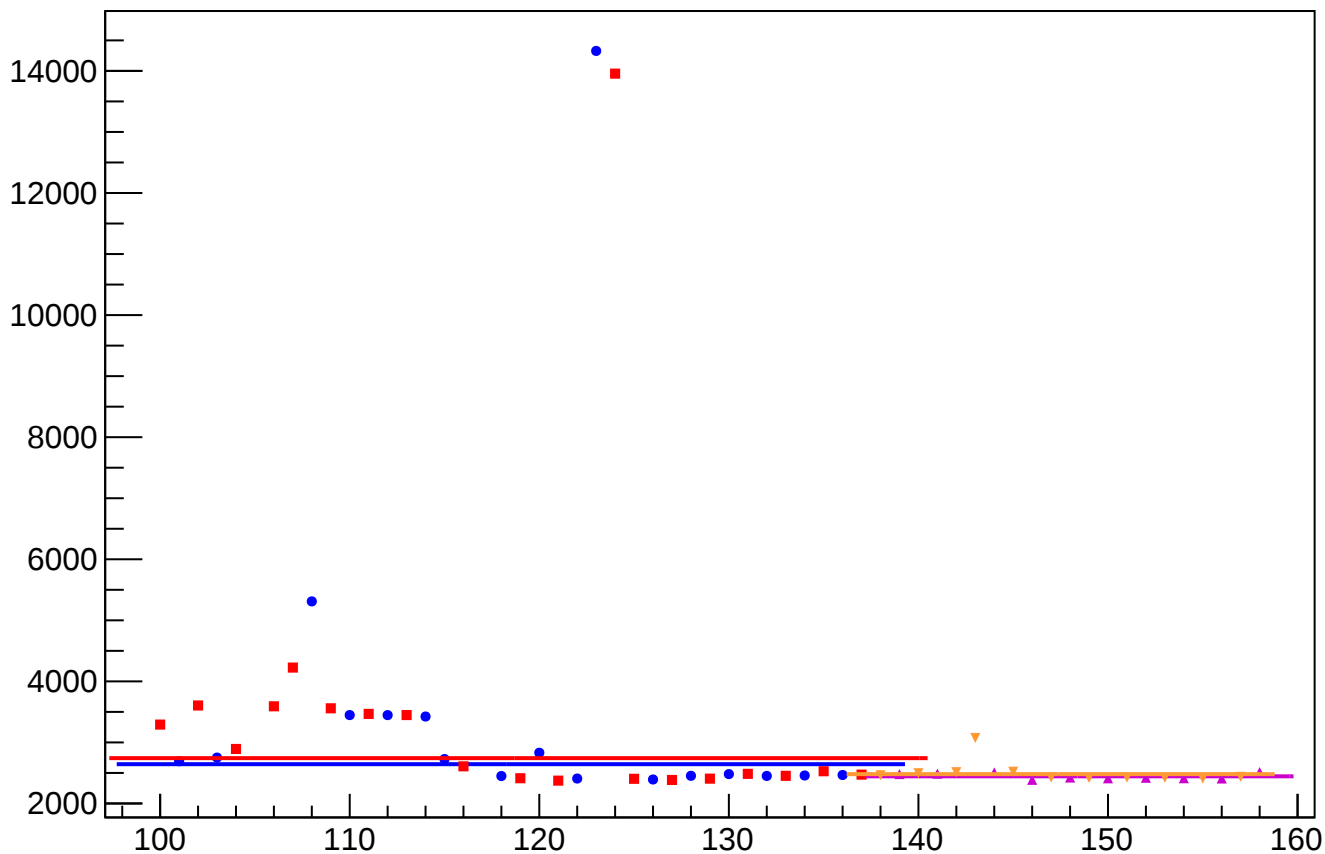
Left In: -1627.504+/-853.492 χ^2/NDF : 18.7/9

+ sign 2024.712+/-667.578 χ^2/NDF : 22.9/27

All: 342.402+/-470.347 χ^2/NDF : 77.2/56

- sign -1315.866+/-662.790 χ^2/NDF : 41.7/28

dit_asym_atl1_rms vs Slug



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

Left Out: 2480.368+/-0.617 χ^2/NDF : 54614.9/10

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

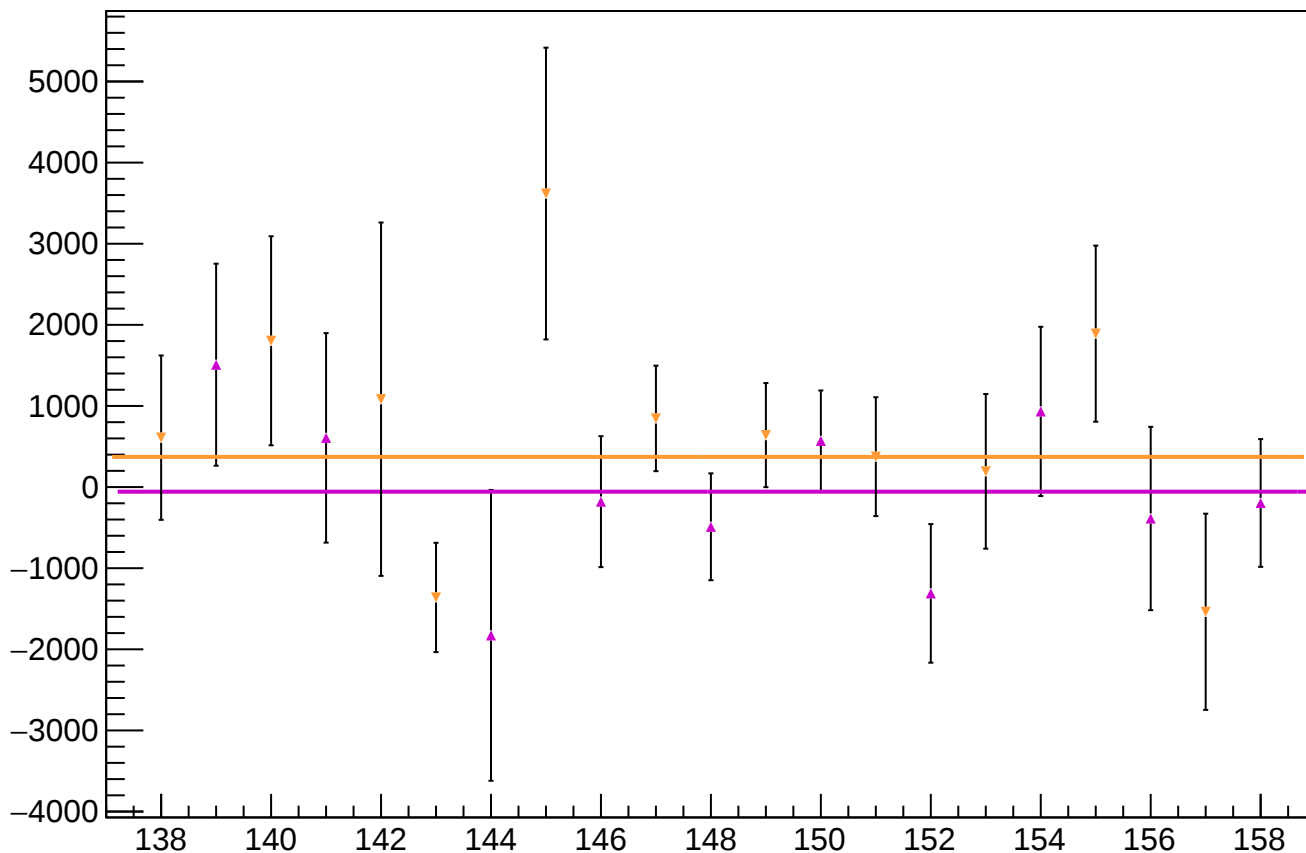
Left In: 2444.799+/-0.604 χ^2/NDF : 5292.0/9

+ sign 2548.162+/-0.472 χ^2/NDF : 476333.9/27

All: 2555.629+/-0.333 χ^2/NDF : 1206748.7/56

- sign 2562.989+/-0.469 χ^2/NDF : 729918.0/28

asym_atl1_correction_mean vs Slug



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

Left Out: 371.991+/-271.287 χ^2/NDF : 16.5/10

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

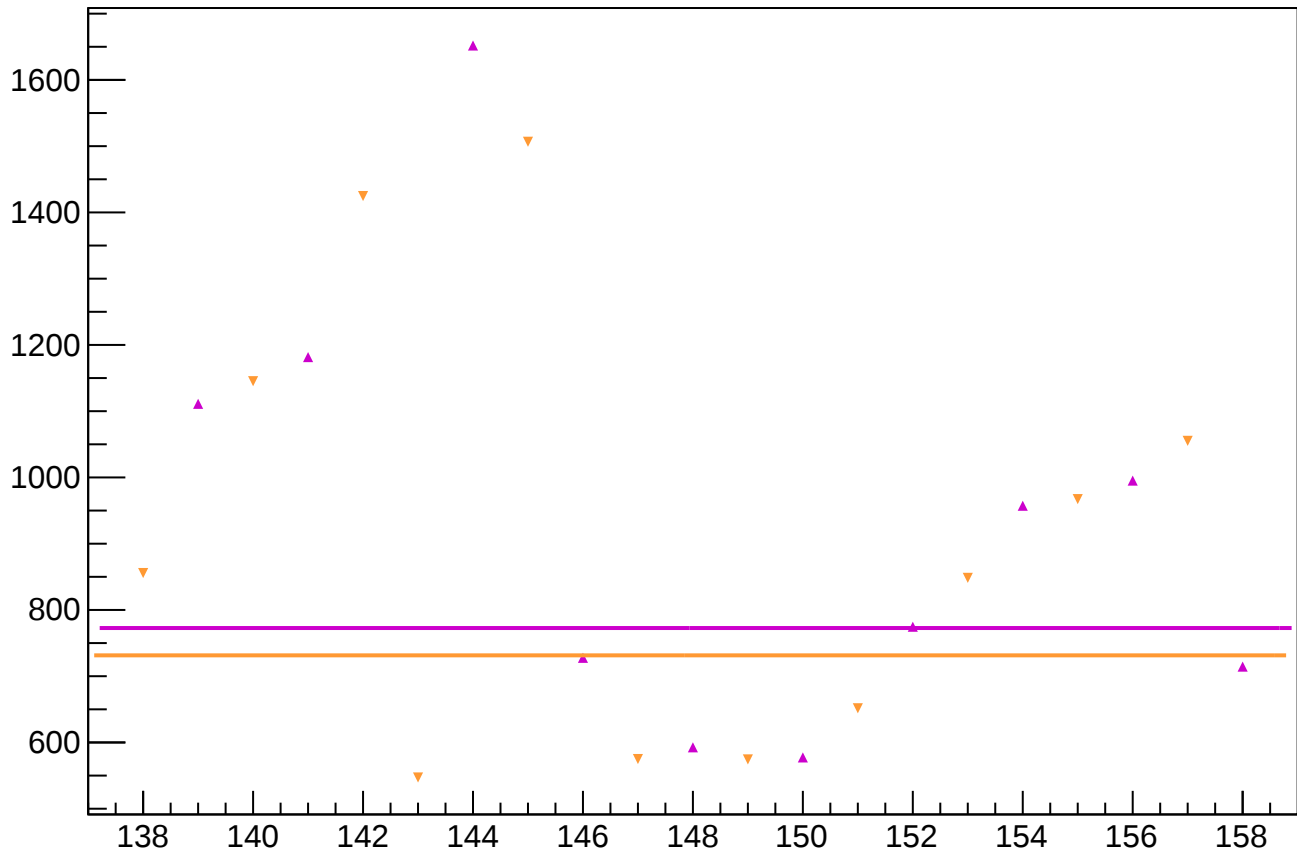
Left In: -56.777+/-280.943 χ^2/NDF : 7.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.102+/-195.153 χ^2/NDF : 25.1/20

- 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: 731.474+/-0.192 χ^2/NDF : 1487373.7/10

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

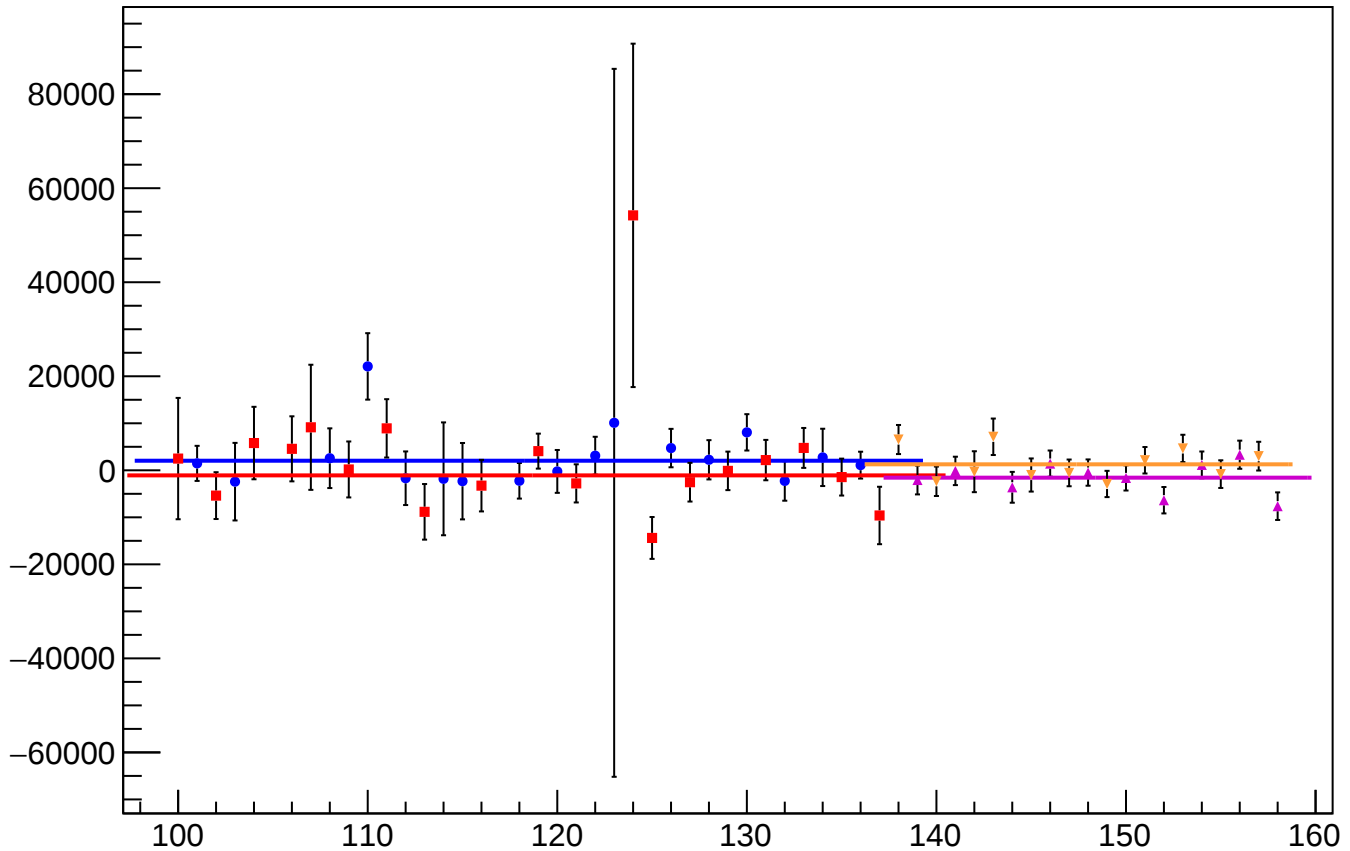
Left In: 772.716+/-0.199 χ^2/NDF : 1333528.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 751.374+/-0.138 χ^2/NDF : 2843205.1/20

- 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: 1273.372+/-942.553 χ^2/NDF : 12.0/10

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

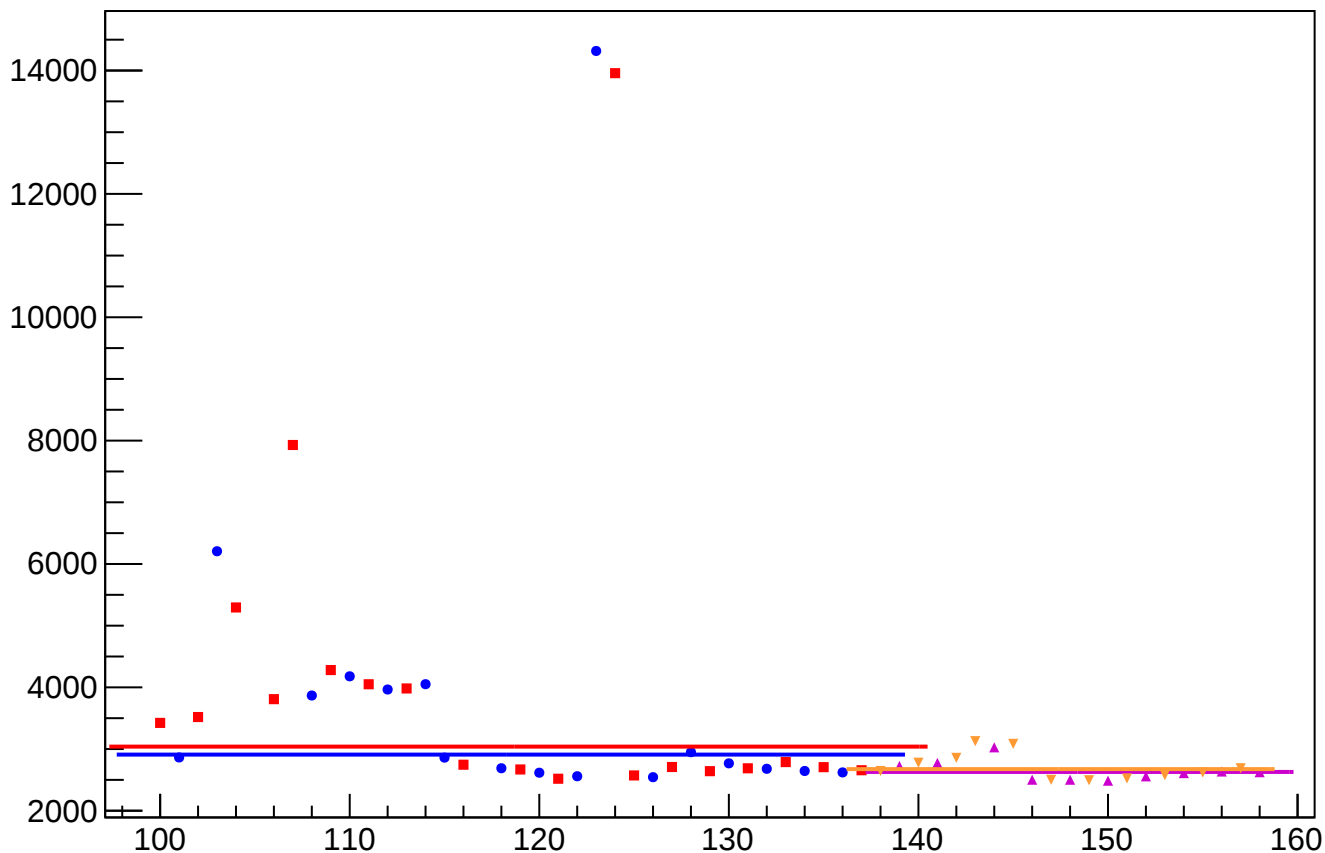
Left In: -1566.565+/-919.088 χ^2/NDF : 12.7/9

+ sign 1580.089+/-729.346 χ^2/NDF : 27.1/27

All: 92.433+/-514.763 χ^2/NDF : 73.5/56

- sign -1384.175+/-726.632 χ^2/NDF : 38.1/28

asym_atl1_rms vs Slug



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

Left Out: 2674.342+/-0.666 χ^2/NDF : 84700.1/10

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

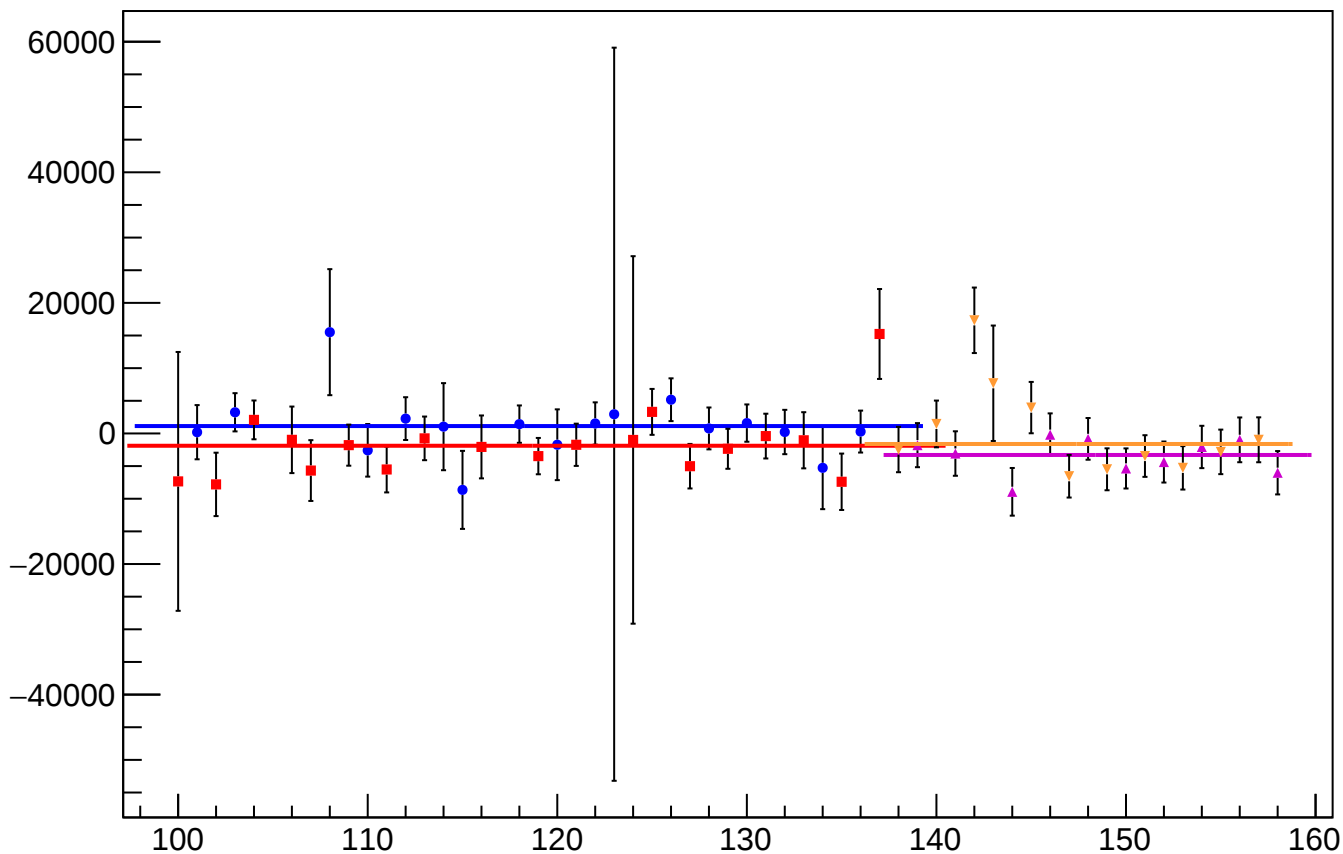
Left In: 2628.688+/-0.650 χ^2/NDF : 51379.8/9

+ sign 2768.789+/-0.516 χ^2/NDF : 776643.8/27

All: 2775.710+/-0.364 χ^2/NDF : 1989231.7/56

- sign 2782.579+/-0.514 χ^2/NDF : 1212229.1/28

dit_asym_atl2_mean vs Slug



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

Left Out: -1614.760 $\pm$ 1098.803 χ^2 /NDF: 23.6/10

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

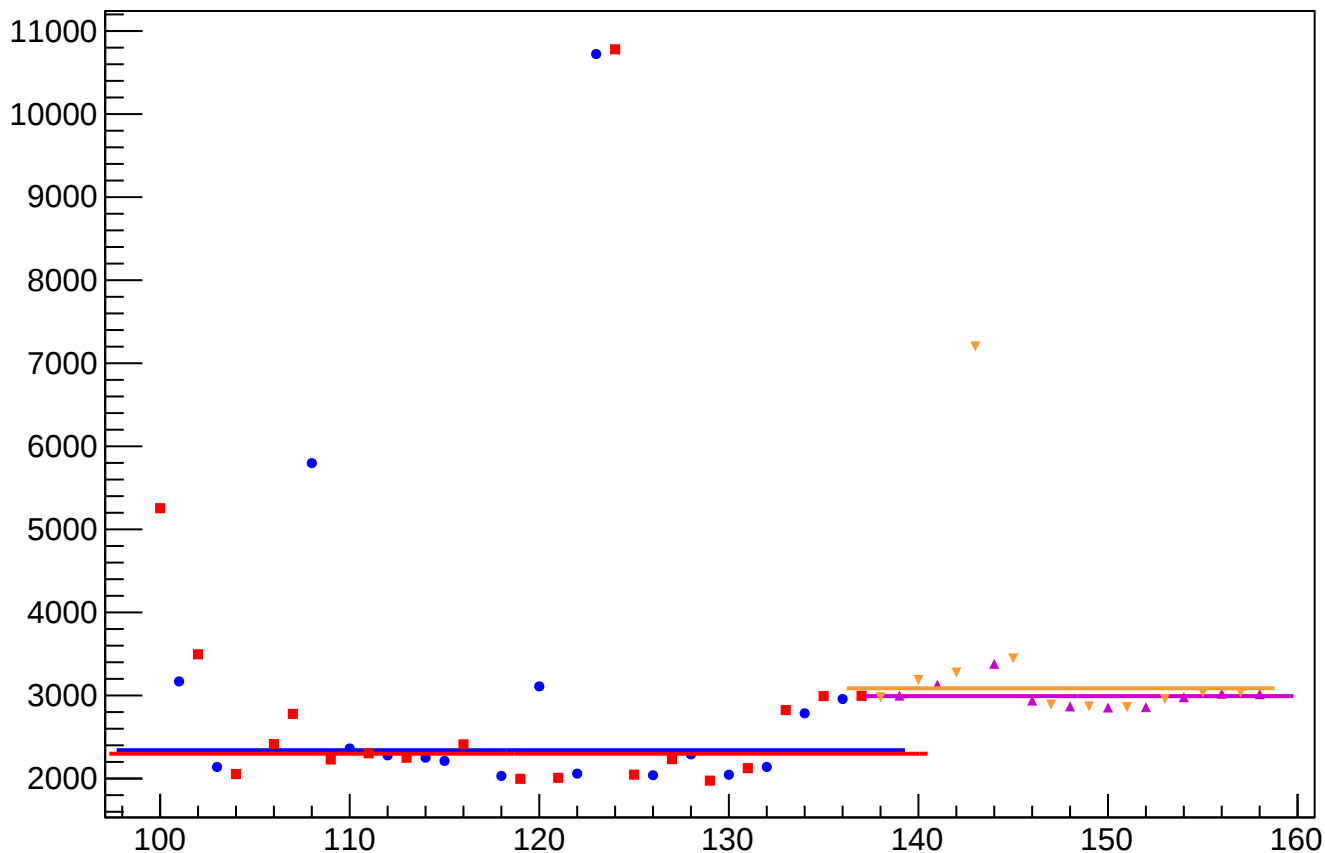
Left In: -3297.020 $\pm$ 1043.131 χ^2 /NDF: 5.9/9

+ sign -9.846 $\pm$ 708.421 χ^2 /NDF: 36.7/27

All: -1301.884 $\pm$ 488.982 χ^2 /NDF: 66.7/56

- sign -2477.614 $\pm$ 675.783 χ^2 /NDF: 23.6/28

dit_asym_atl2_rms vs Slug



Right In: 2340.877 $\pm$ 0.655 χ^2 /NDF: 600471.2/16

Left Out: 3086.477 $\pm$ 0.777 χ^2 /NDF: 487257.5/10

Right Out: 2298.949 $\pm$ 0.627 χ^2 /NDF: 566102.7/18

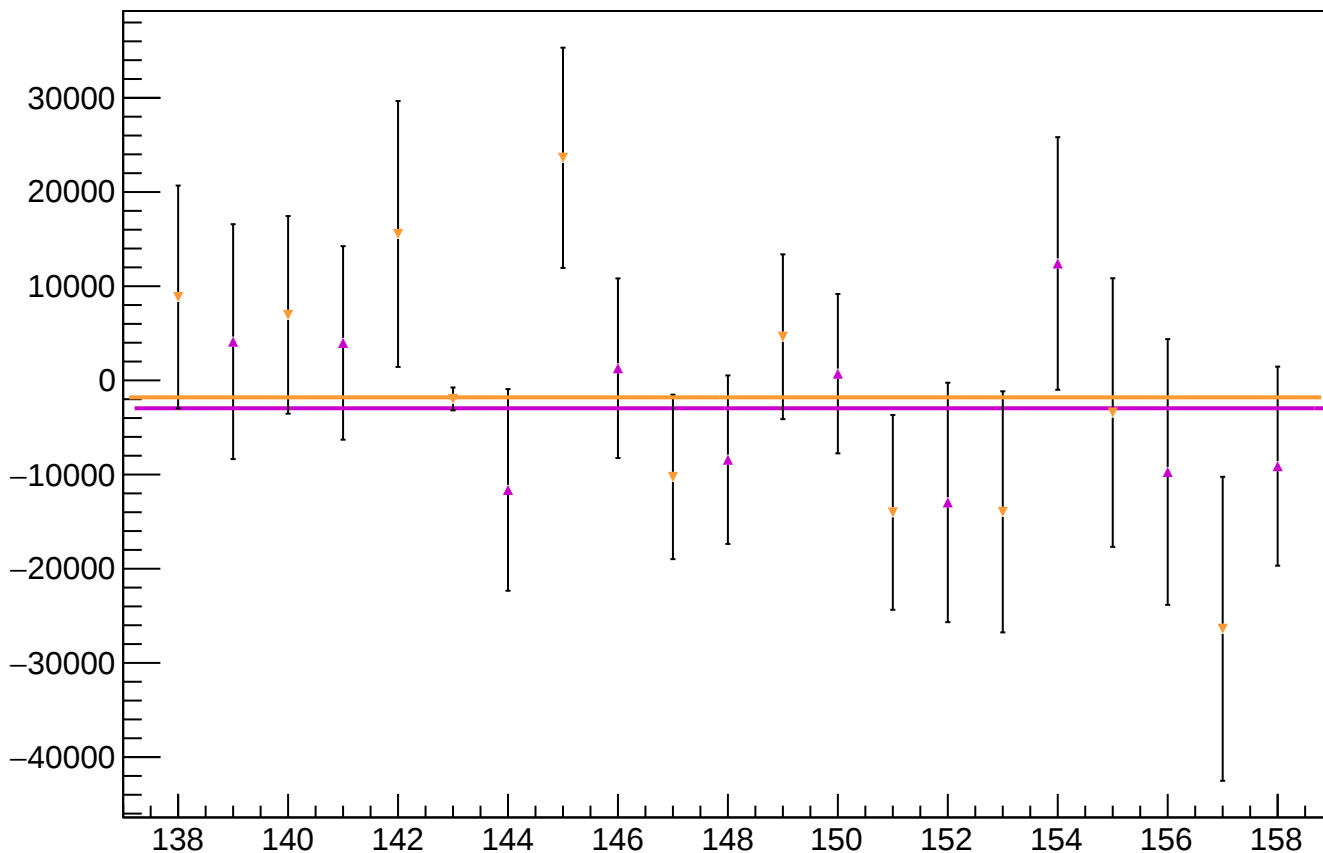
Left In: 2992.564 $\pm$ 0.738 χ^2 /NDF: 37417.5/9

+ sign 2650.796 $\pm$ 0.501 χ^2 /NDF: 1625831.7/27

All: 2618.850 $\pm$ 0.346 χ^2 /NDF: 2750587.7/56

- sign 2589.805 $\pm$ 0.478 χ^2 /NDF: 1116991.4/28

asym_atl2_correction_mean vs Slug



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

Left Out: -1803.172+/-1148.964 χ^2/NDF :13.9/10

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

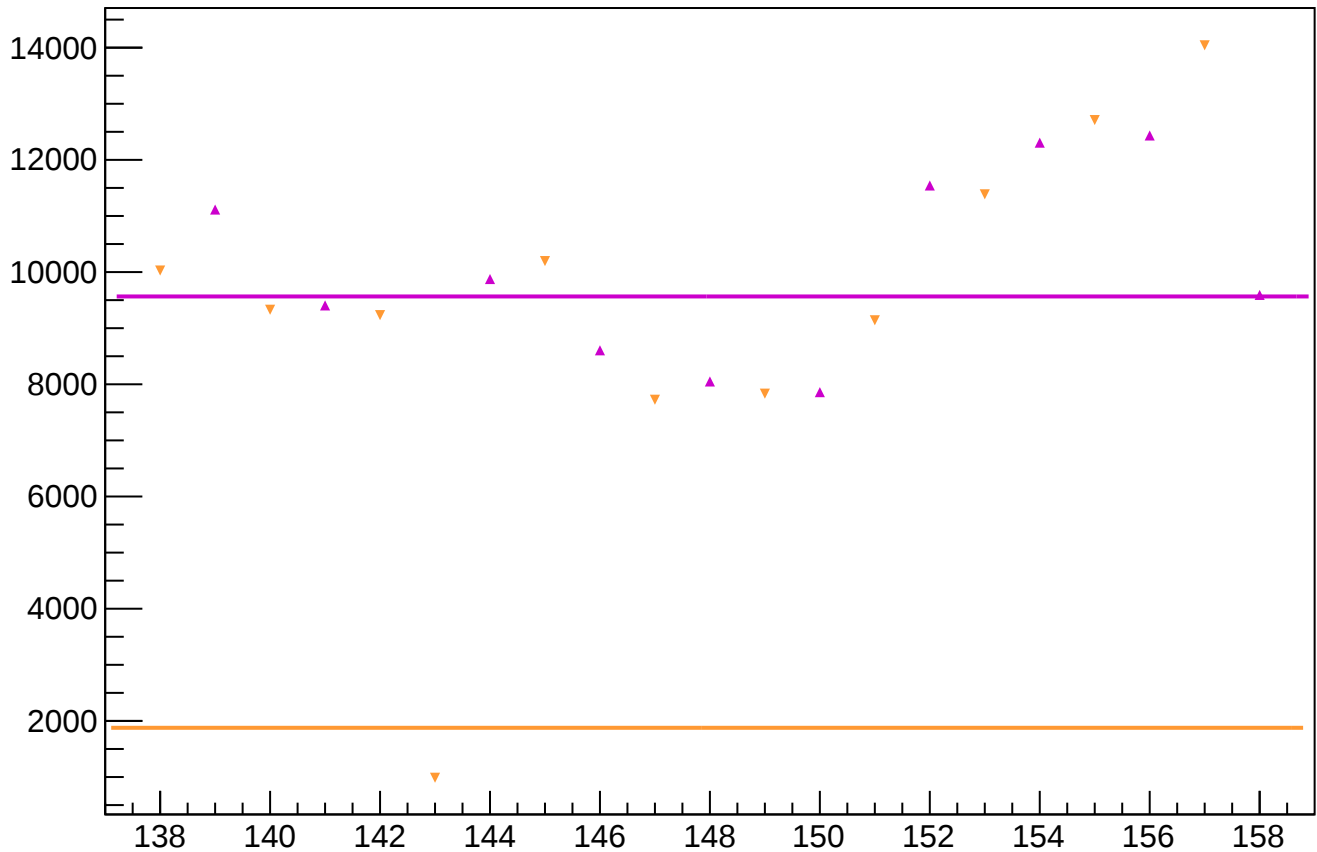
Left In: -2960.524+/-3374.860 χ^2/NDF :4.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1923.382+/-1087.659 χ^2/NDF : 18.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_correction_rms vs Slug



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

Left Out: 1877.485+/-0.812 χ^2/NDF :10793367.7/10

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

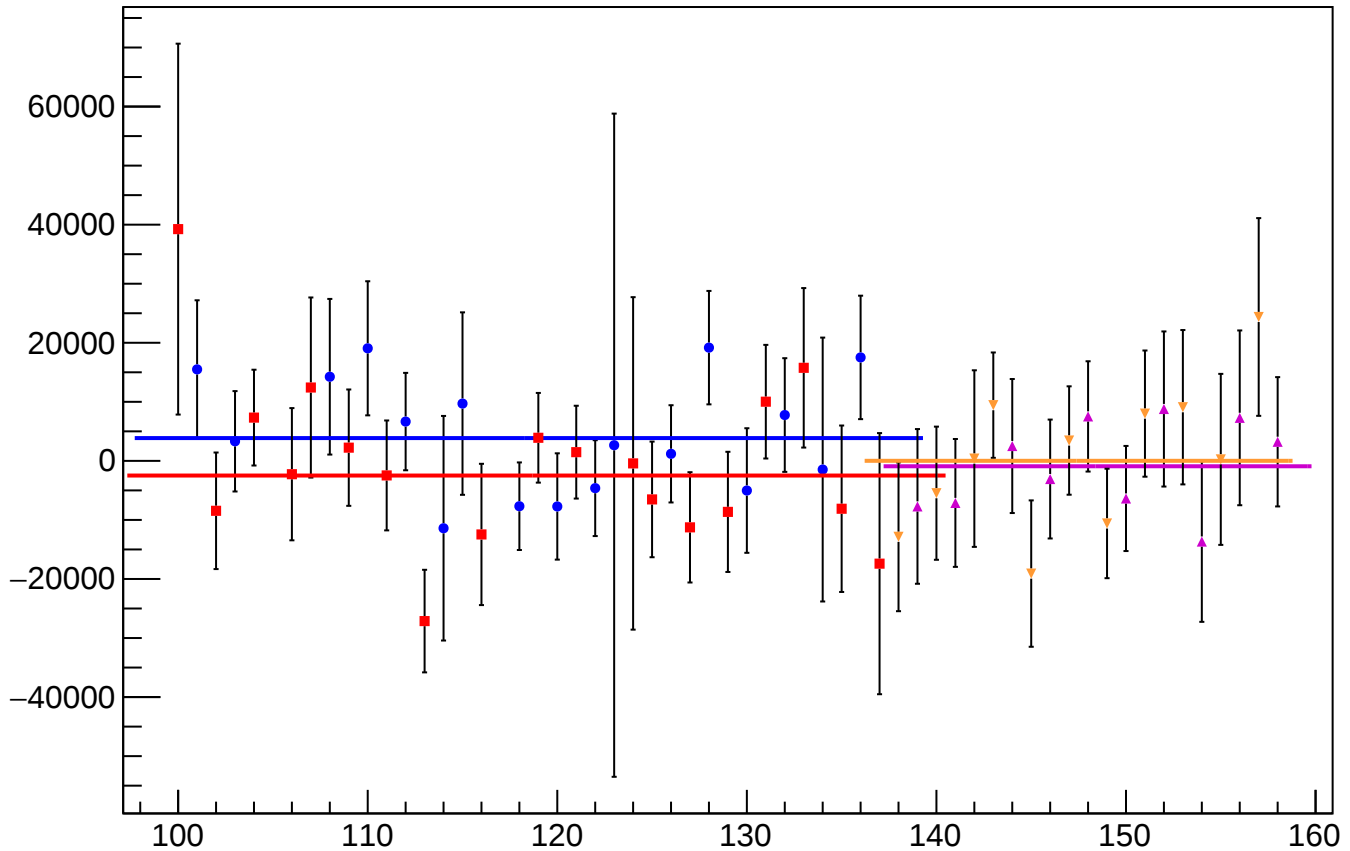
Left In: 9565.662+/-2.386 χ^2/NDF :406596.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2676.027+/-0.769 χ^2/NDF : 20501145.2/20

- 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: 11.227 $\pm$ 3446.682 χ^2 /NDF:9.4/10

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

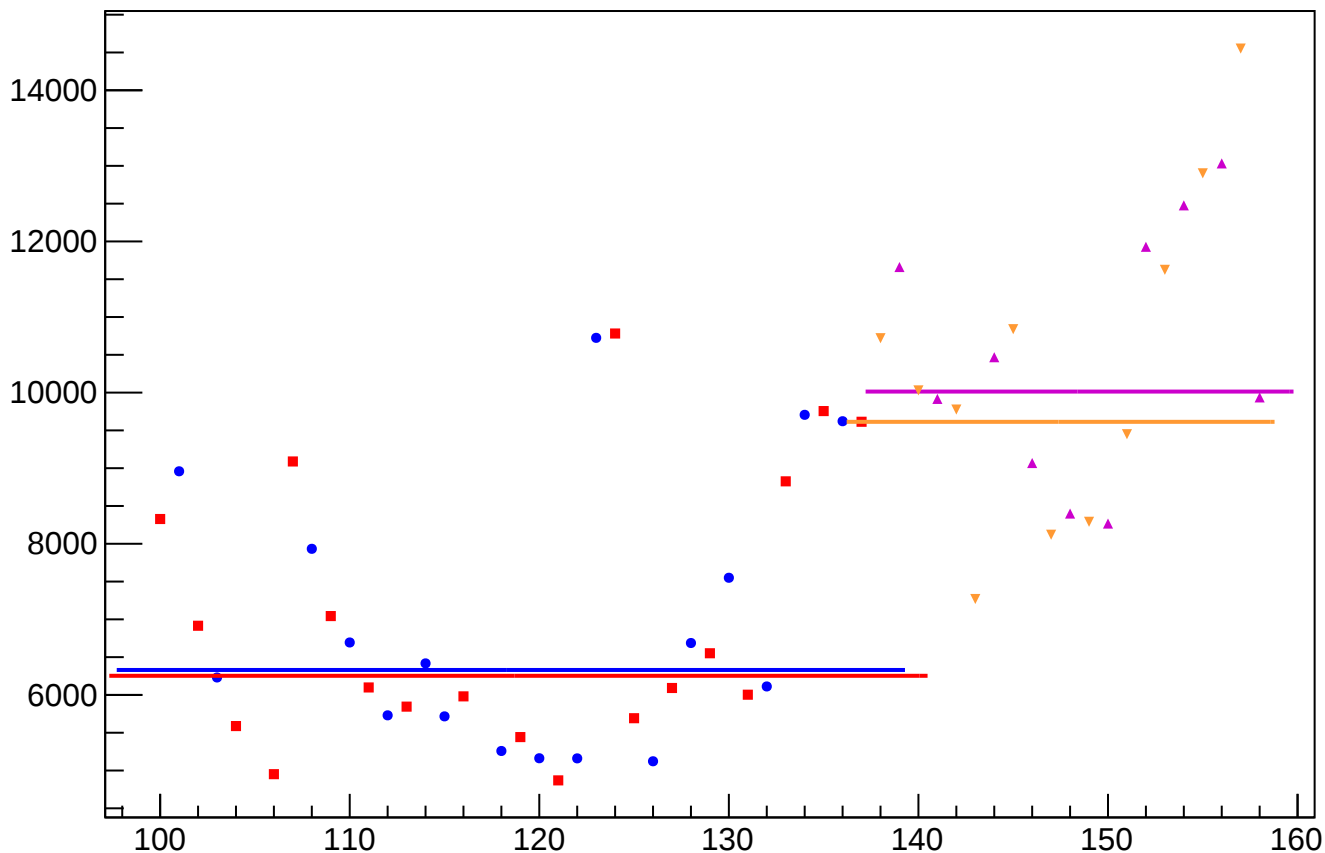
Left In: -914.012 $\pm$ 3531.106 χ^2 /NDF:3.8/9

+ sign 2526.983 $\pm$ 2028.354 χ^2 /NDF: 25.0/27

All: 237.721 $\pm$ 1423.022 χ^2 /NDF: 51.4/56

- sign -1981.157 $\pm$ 1996.929 χ^2 /NDF: 24.0/28

asym_atl2_rms vs Slug



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

Left Out: 9613.352 ± 2.437 χ^2/NDF : 594673.0/10

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

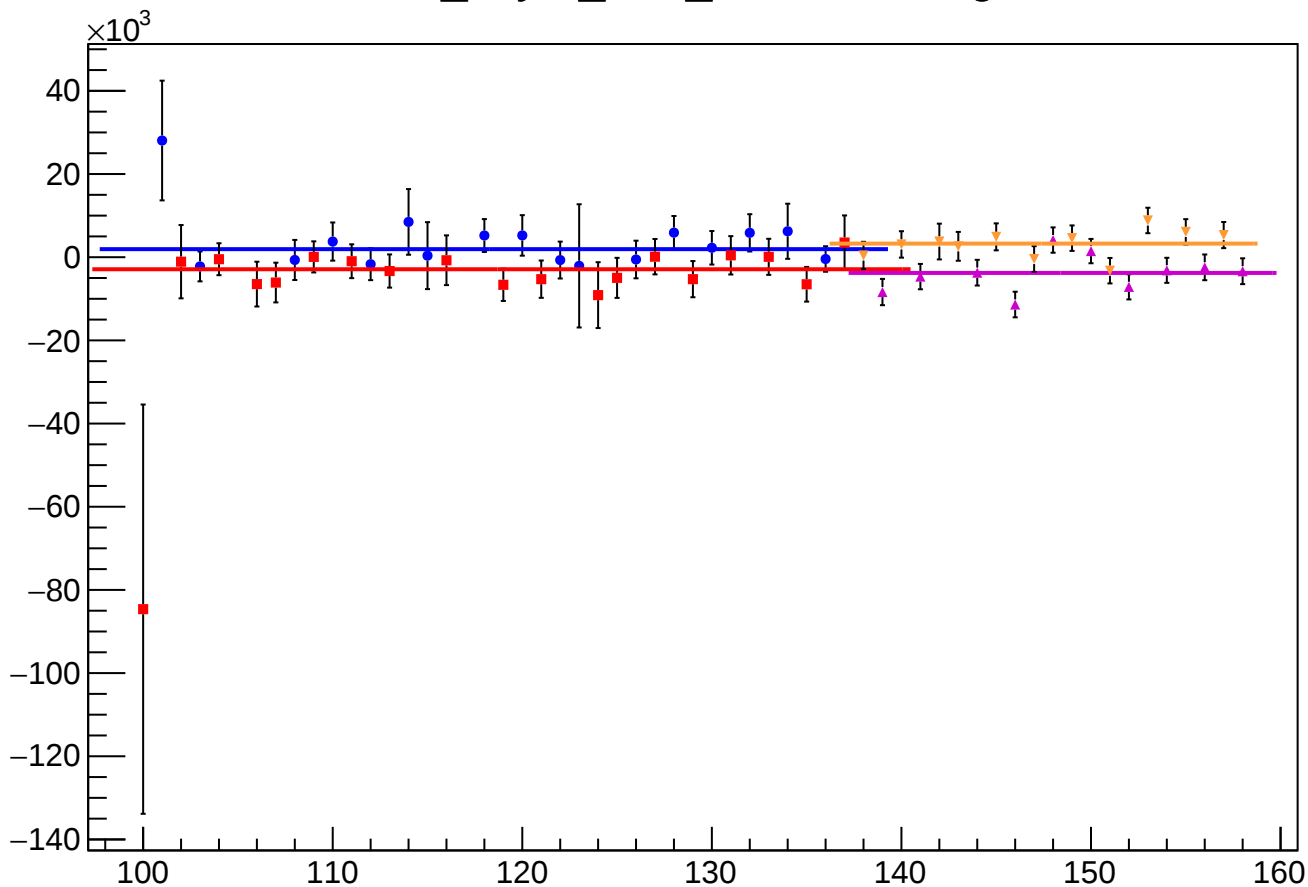
Left In: 10013.687 ± 2.497 χ^2/NDF : 380911.1/9

+ sign 7467.293 ± 1.434 χ^2/NDF : 2374242.1/27

All: 7461.501 ± 1.006 χ^2/NDF : 4833321.4/50

- sign 7455.888 ± 1.412 χ^2/NDF : 2459047.2/28

dit_asym_atr1_mean vs Slug



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

Left Out: 3272.367 ± 972.877 χ^2/NDF : 11.8/10

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

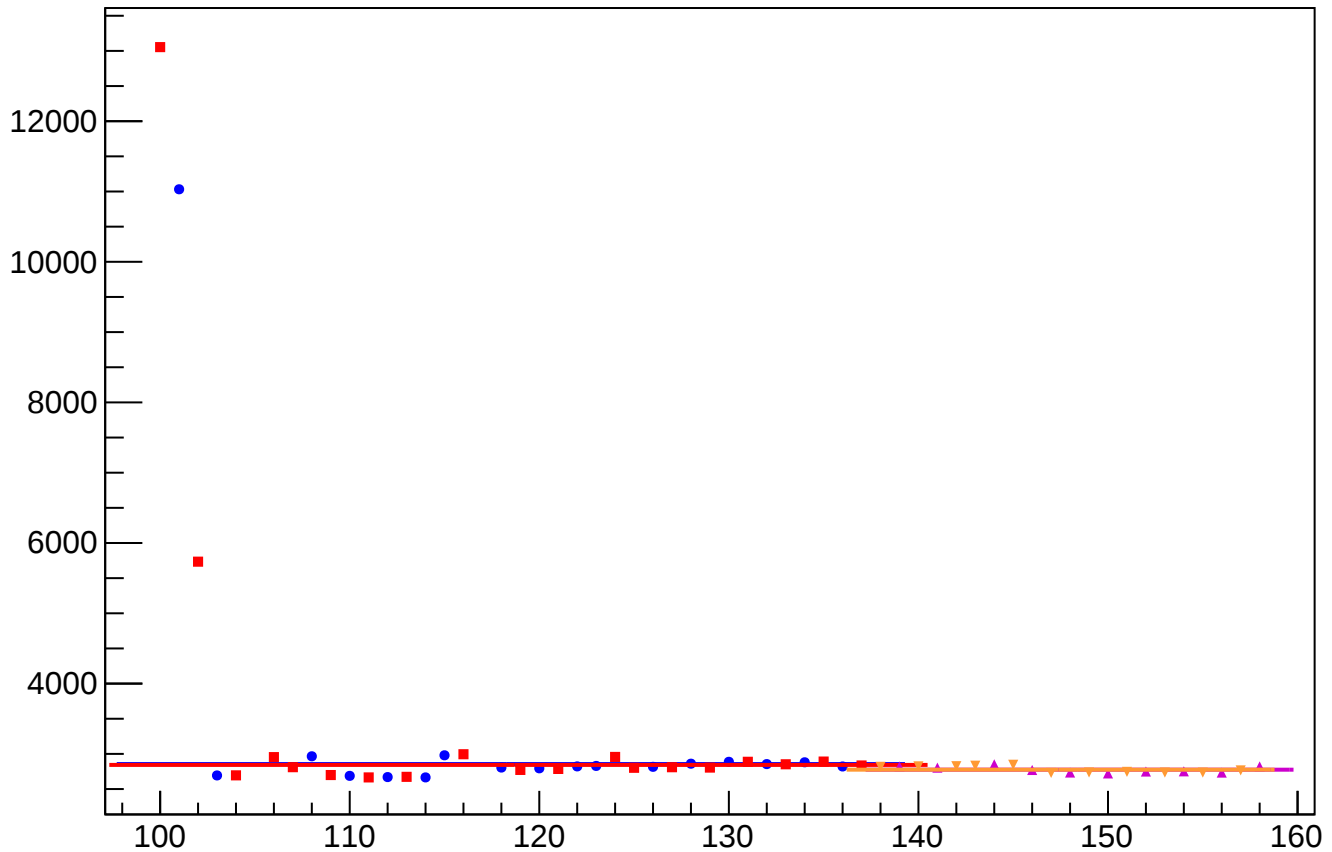
Left In: -3780.643 ± 966.583 χ^2/NDF : 19.7/9

+ sign 2702.794 ± 736.791 χ^2/NDF : 23.9/27

All: -404.350 ± 515.779 χ^2/NDF : 89.5/56

- sign -3390.219 ± 722.269 χ^2/NDF : 30.7/28

dit_asym_atr1_rms vs Slug



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

Left Out: 2775.590+/-0.688 χ^2/NDF : 4221.1/10

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

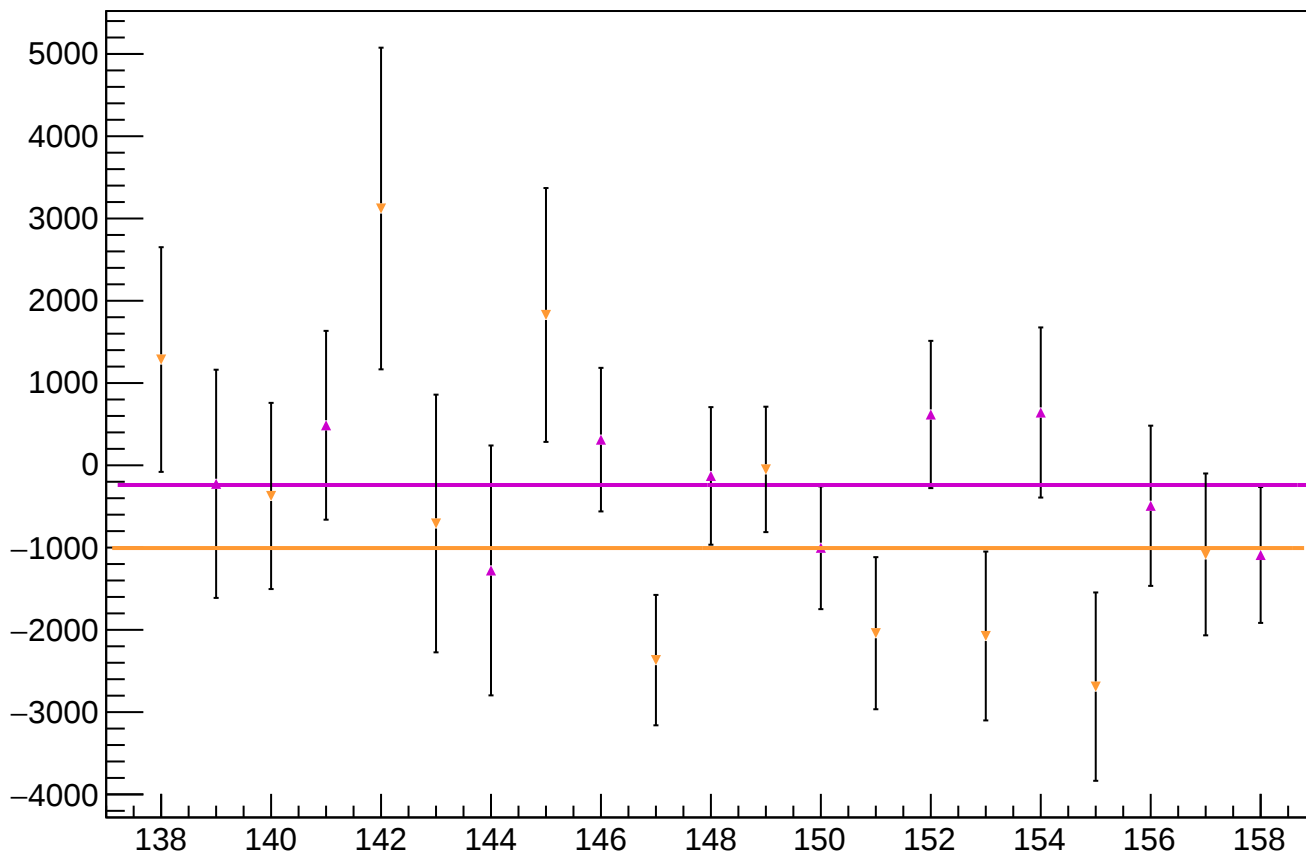
Left In: 2775.301+/-0.683 χ^2/NDF : 3936.7/9

+ sign 2809.500+/-0.521 χ^2/NDF : 670825.0/27

All: 2807.386+/-0.365 χ^2/NDF : 998473.7/56

- sign 2805.354+/-0.511 χ^2/NDF : 327616.5/28

asym_atr1_correction_mean vs Slug



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

Left Out: -1005.705+/-322.144 χ^2/NDF :20.0/10

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

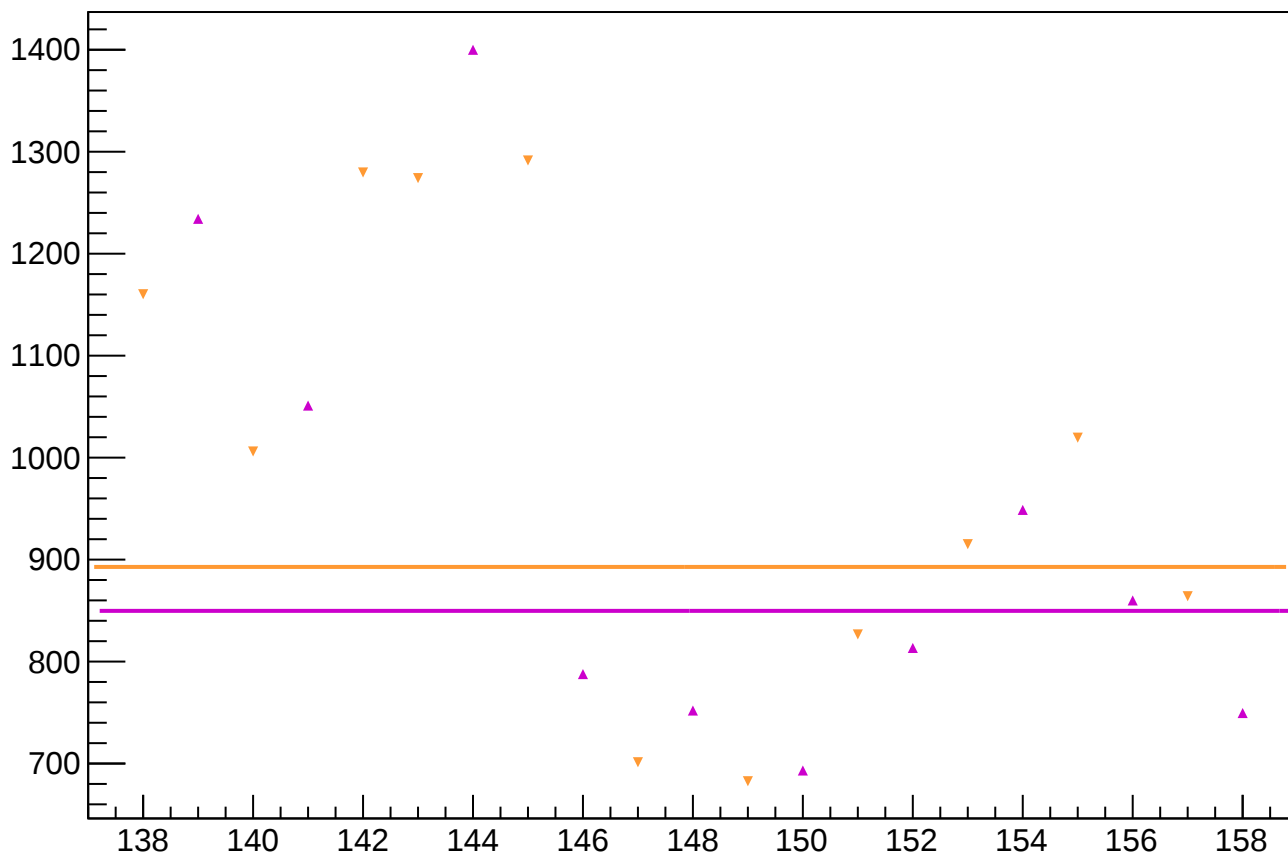
Left In: -239.257+/-302.090 χ^2/NDF :5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -597.884+/-220.359 χ^2/NDF : 28.1/20

- 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: 892.817+/-0.228 χ^2/NDF : 733371.5/10

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

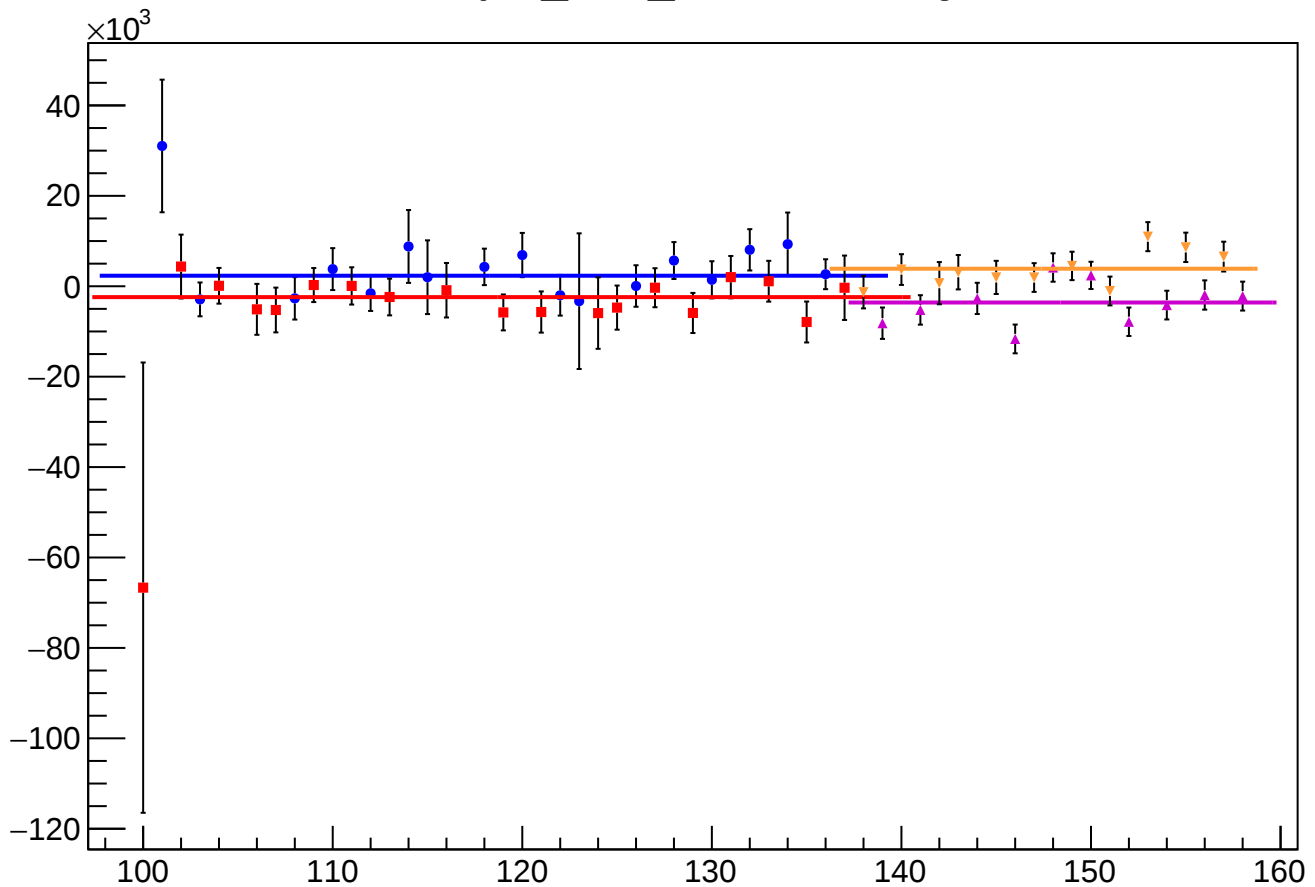
Left In: 849.728+/-0.214 χ^2/NDF : 654566.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 869.889+/-0.156 χ^2/NDF : 1406977.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 3879.287+/-1033.326 χ^2/NDF :13.4/10

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

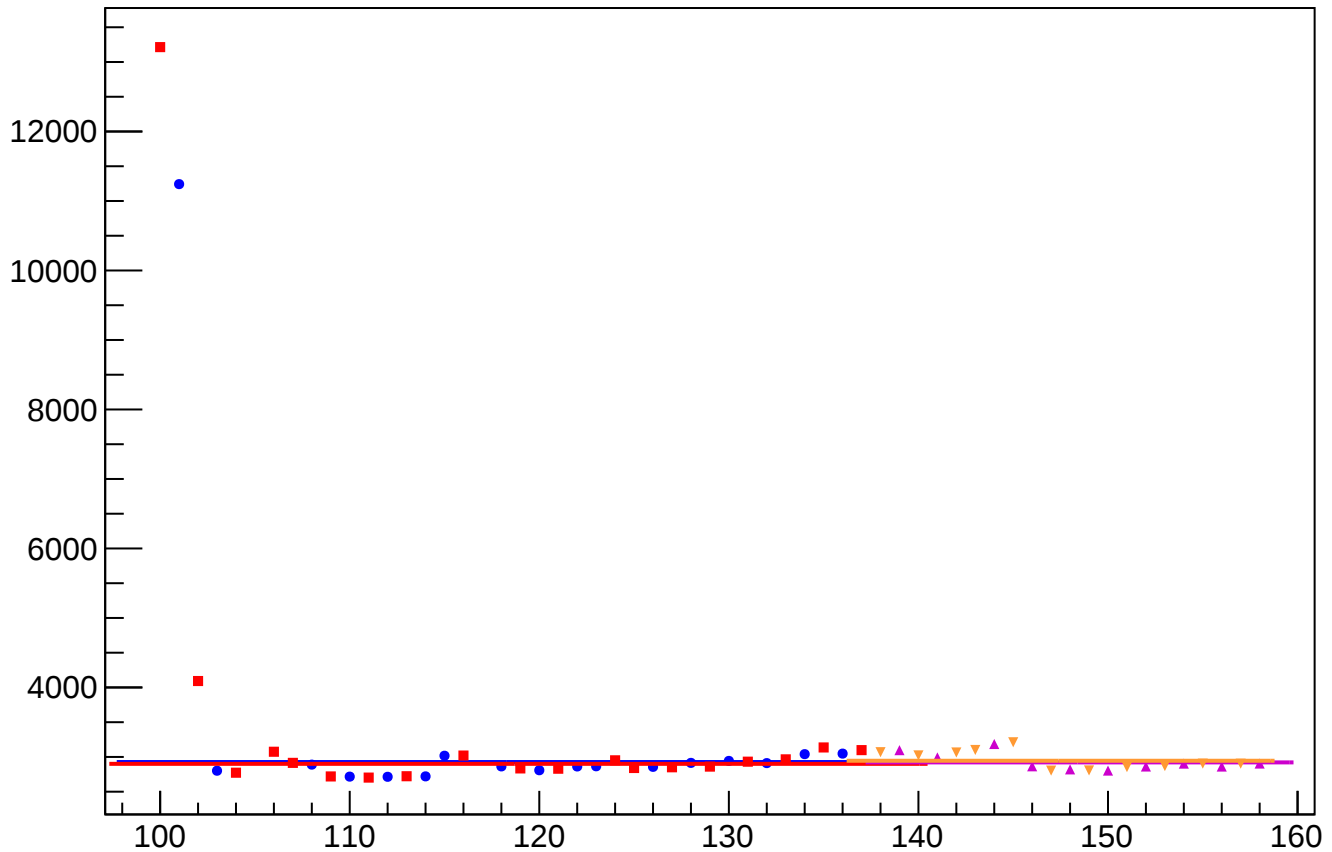
Left In: -3595.105+/-1018.199 χ^2/NDF :20.8/9

+ sign 3191.609+/-770.569 χ^2/NDF : 28.7/27

All: -12.499+/-537.588 χ^2/NDF : 94.0/56

- sign -3050.771+/-750.363 χ^2/NDF : 31.5/28

asym_atr1_rms vs Slug



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

Left Out: 2945.141+/-0.731 χ^2/NDF : 29864.9/10

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

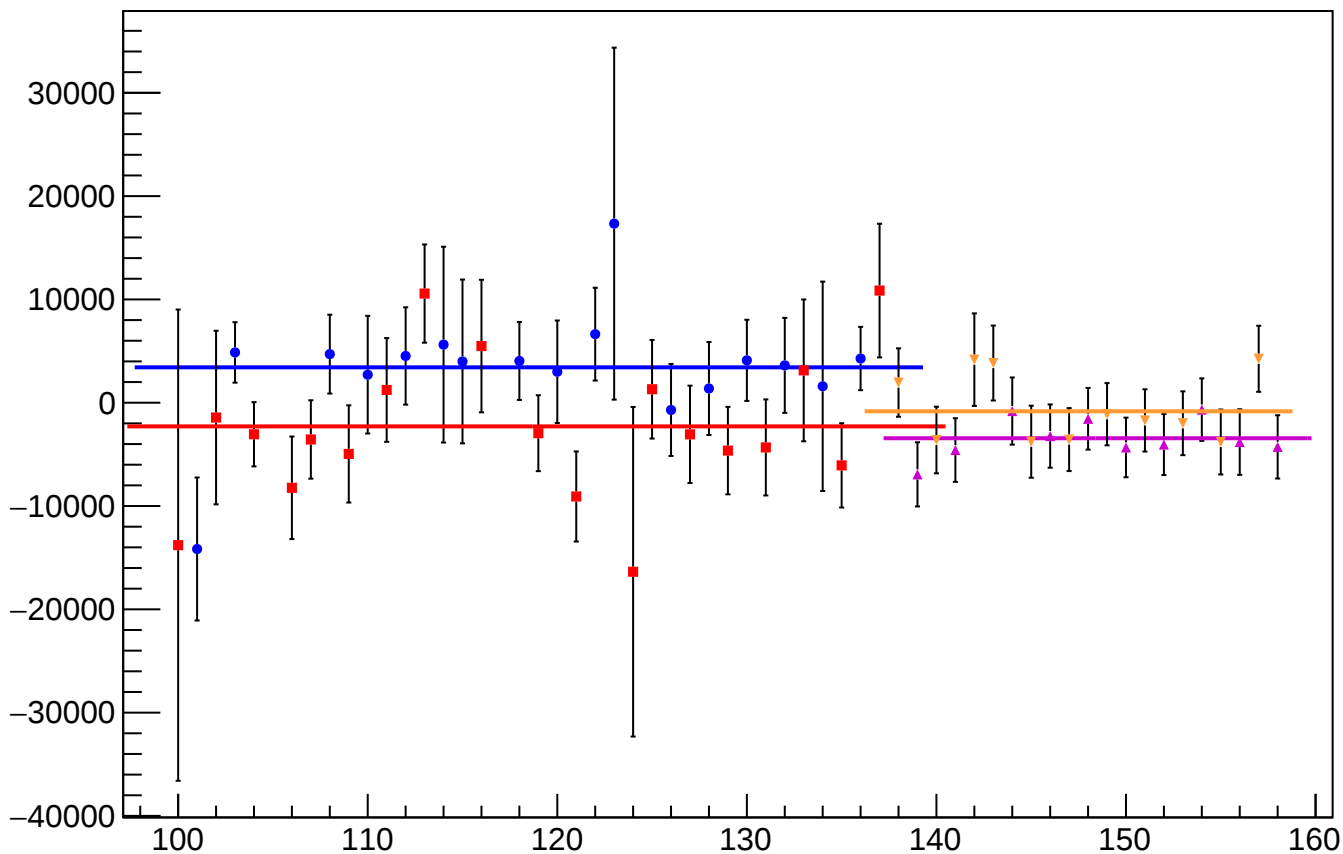
Left In: 2921.534+/-0.720 χ^2/NDF : 25056.0/9

+ sign 2936.915+/-0.545 χ^2/NDF : 692944.8/27

All: 2924.164+/-0.380 χ^2/NDF : 889312.3/56

- sign 2912.073+/-0.531 χ^2/NDF : 195300.6/28

dit_asym_atr2_mean vs Slug



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

Left Out: -828.759+/-986.603 χ^2/NDF : 9.5/10

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

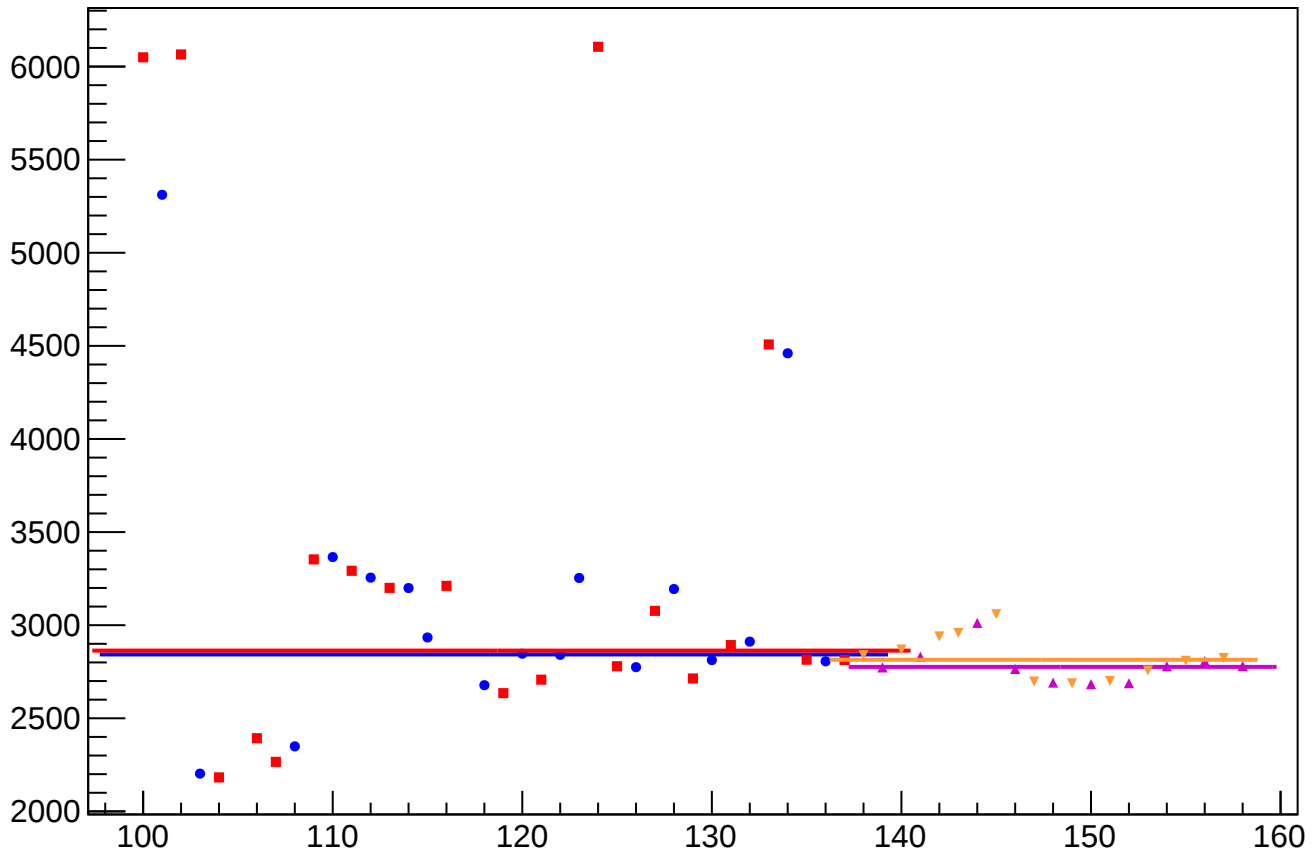
Left In: -3438.176+/-965.791 χ^2/NDF : 3.5/9

+ sign 1035.545+/-739.539 χ^2/NDF : 27.0/27

All: -983.106+/-519.164 χ^2/NDF : 67.3/56

- sign -2944.589+/-728.992 χ^2/NDF : 25.5/28

dit_asym_atr2_rms vs Slug



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

Left Out: 2814.299+/-0.698 χ^2/NDF : 25339.0/10

+ sign 2826.819+/-0.523 χ^2/NDF : 514188.6/27

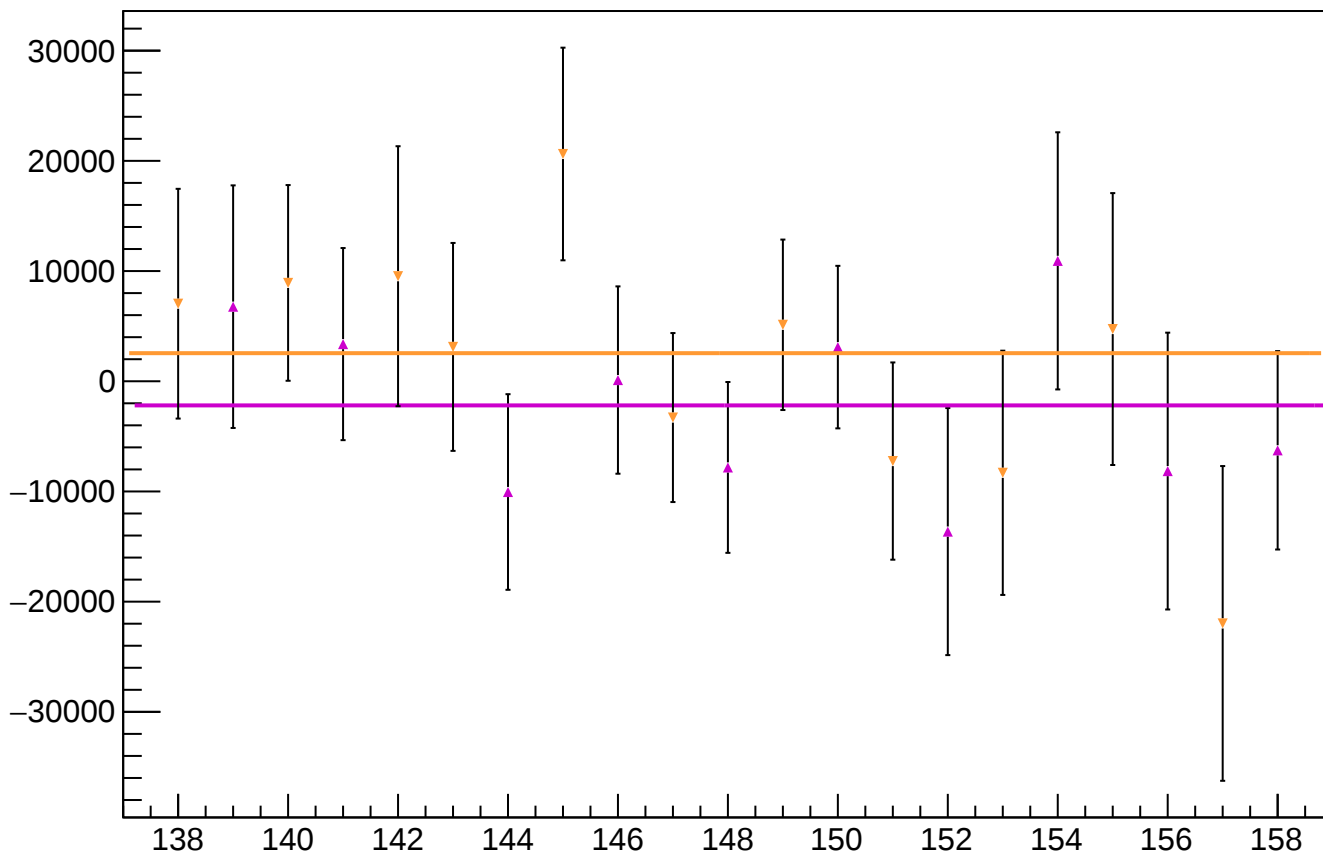
Right Out: 2863.592+/-0.786 χ^2/NDF : 760763.4/18

All: 2820.212+/-0.367 χ^2/NDF : 1299169.0/56

- sign 2813.795+/-0.515 χ^2/NDF : 784665.8/28

Left In: 2776.160+/-0.683 χ^2/NDF : 16846.9/9

asym_atr2_correction_mean vs Slug



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

Left Out: 2549.279+/-2925.044 χ^2/NDF : 10.4/10

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

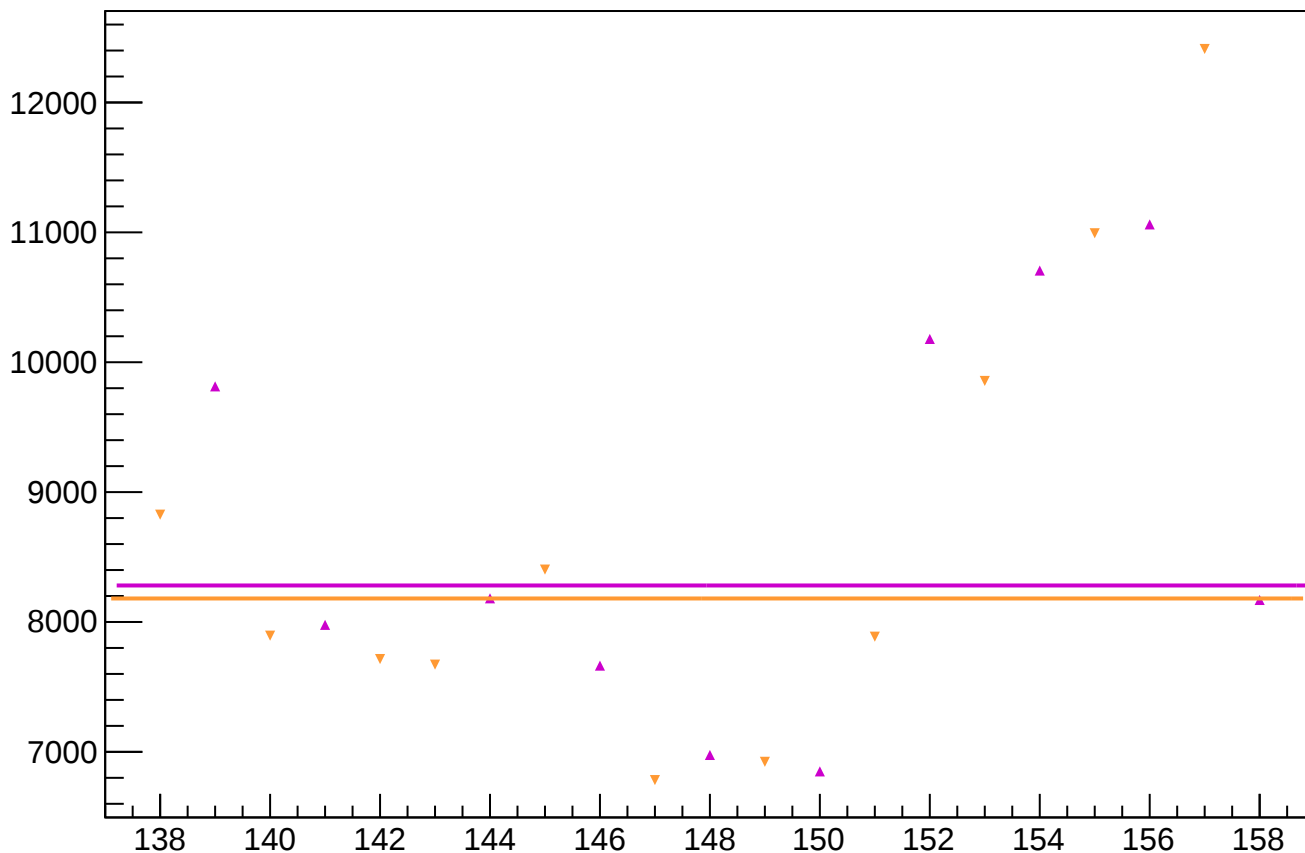
Left In: -2190.618+/-2923.991 χ^2/NDF : 5.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.477+/-2067.946 χ^2/NDF : 17.4/20

- 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: 8180.955+/-2.068 χ^2/NDF : 466487.5/10

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

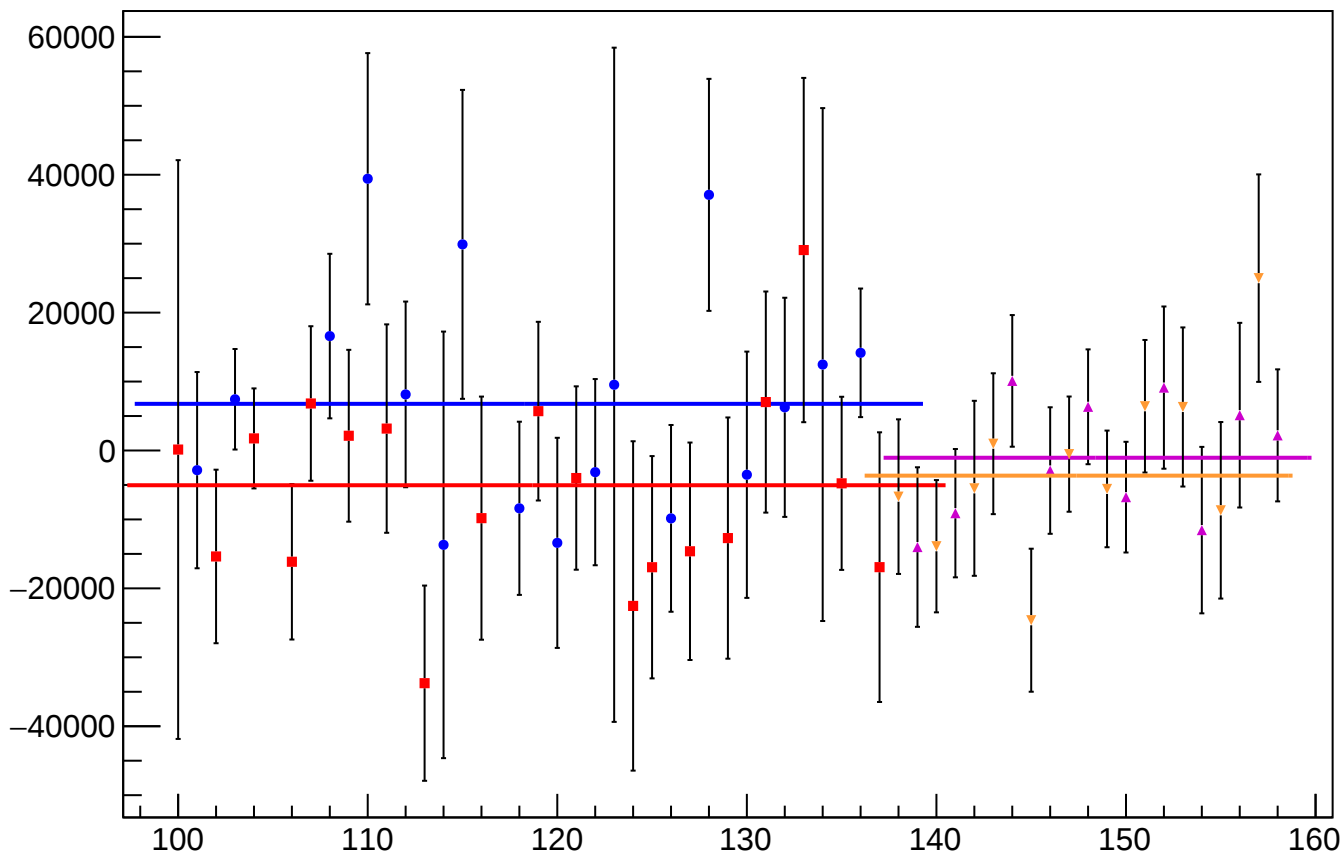
Left In: 8281.098+/-2.068 χ^2/NDF : 426086.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8231.045+/-1.462 χ^2/NDF : 893746.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



Right In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Left Out: -3648.291+/-3146.118 χ^2/NDF : 11.3/10

Right Out: -5041.440+/-3167.616 χ^2/NDF : 13.6/18

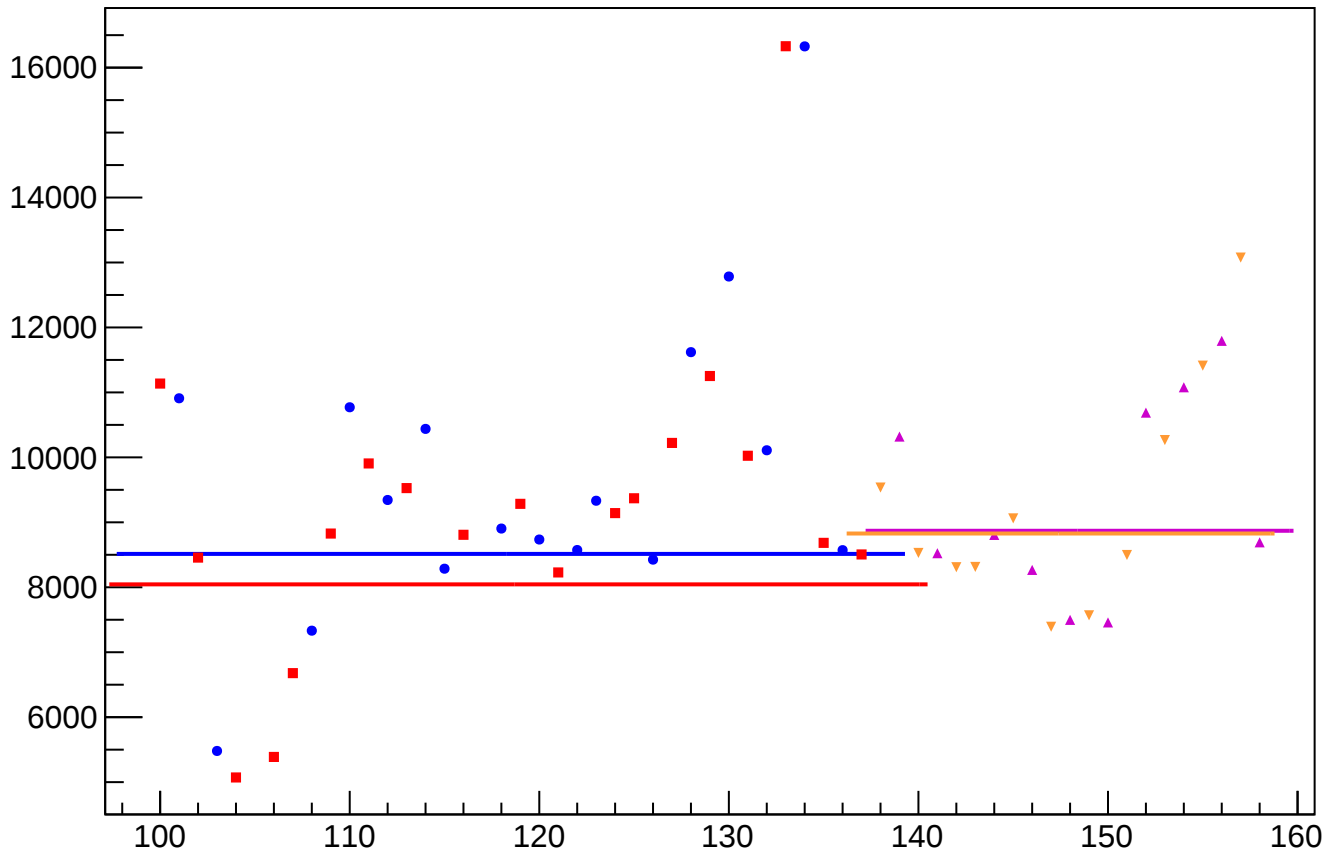
Left In: -1053.684+/-3125.945 χ^2/NDF : 6.5/9

+ sign 1175.827+/-2305.143 χ^2/NDF : 31.8/27

All: -996.927+/-1600.882 χ^2/NDF : 54.4/56

- sign -3021.159+/-2224.964 χ^2/NDF : 20.9/28

asym_atr2_rms vs Slug



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

Left Out: 8827.604+/-2.225 χ^2/NDF : 396929.6/10

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

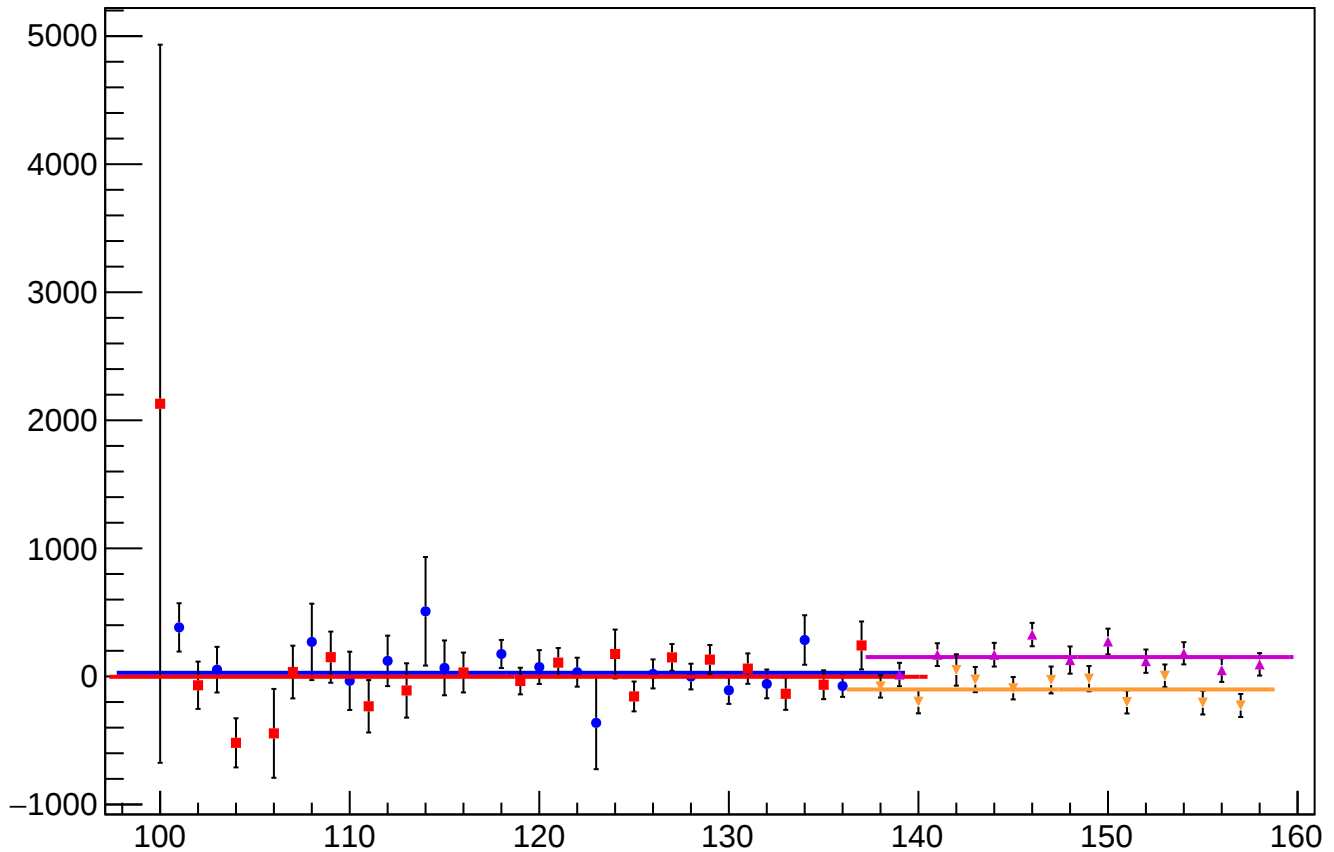
Left In: 8869.731+/-2.210 χ^2/NDF : 369640.2/9

+ sign 8682.201+/-1.630 χ^2/NDF : 1168767.6/27

All: 8568.556+/-1.132 χ^2/NDF : 2568840.9/56

- sign 8462.683+/-1.573 χ^2/NDF : 1390683.5/28

dit_asym_sam1_mean vs Slug



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

Left Out: -101.865+/-28.387 χ^2/NDF : 10.4/10

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

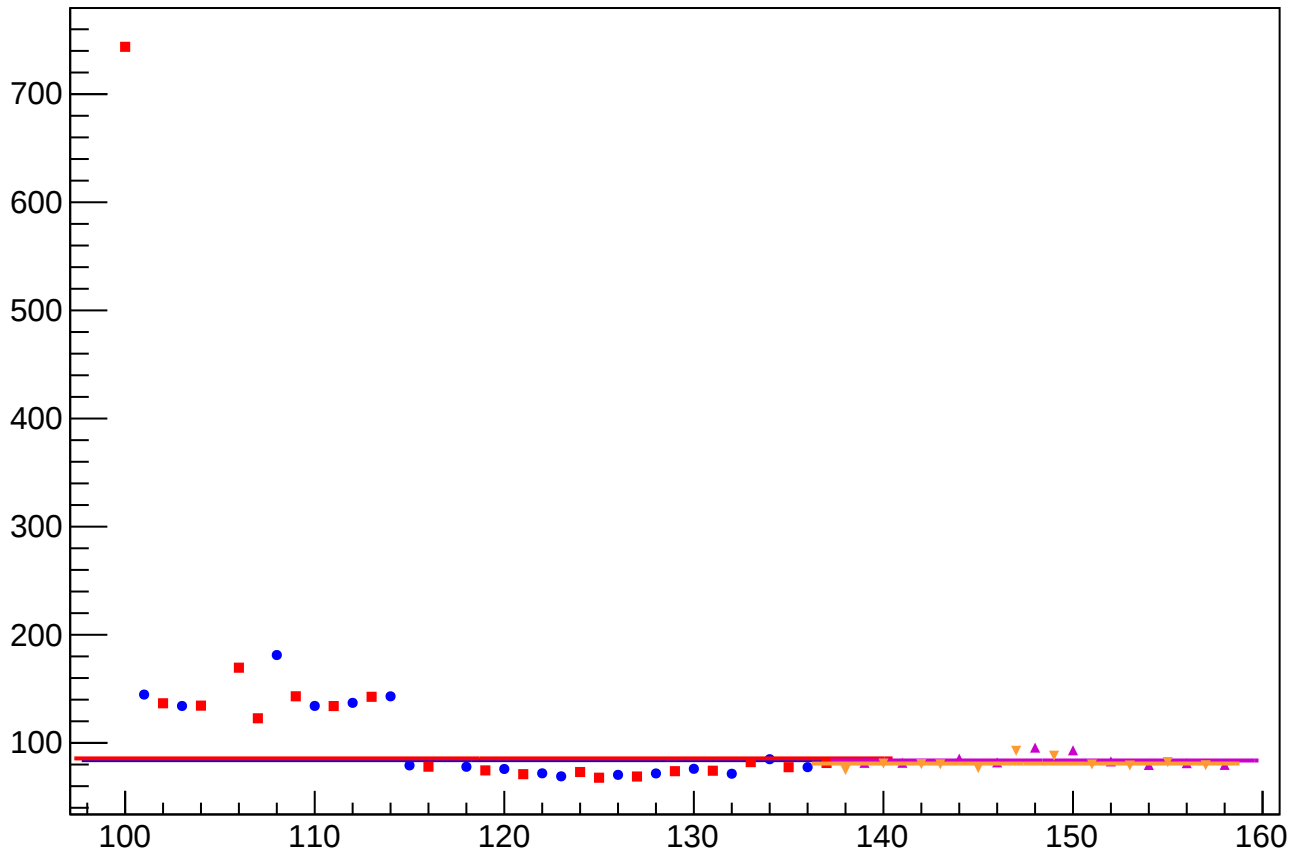
Left In: 151.090+/-29.207 χ^2/NDF : 9.4/9

+ sign -47.798+/-21.705 χ^2/NDF : 33.7/27

All: 17.493+/-15.475 χ^2/NDF : 95.7/56

- sign 84.989+/-22.069 χ^2/NDF : 43.6/28

dit_asym_sam1_rms vs Slug



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

Left Out: 80.915 $\pm$ 0.020 χ^2 /NDF: 52249.0/10

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

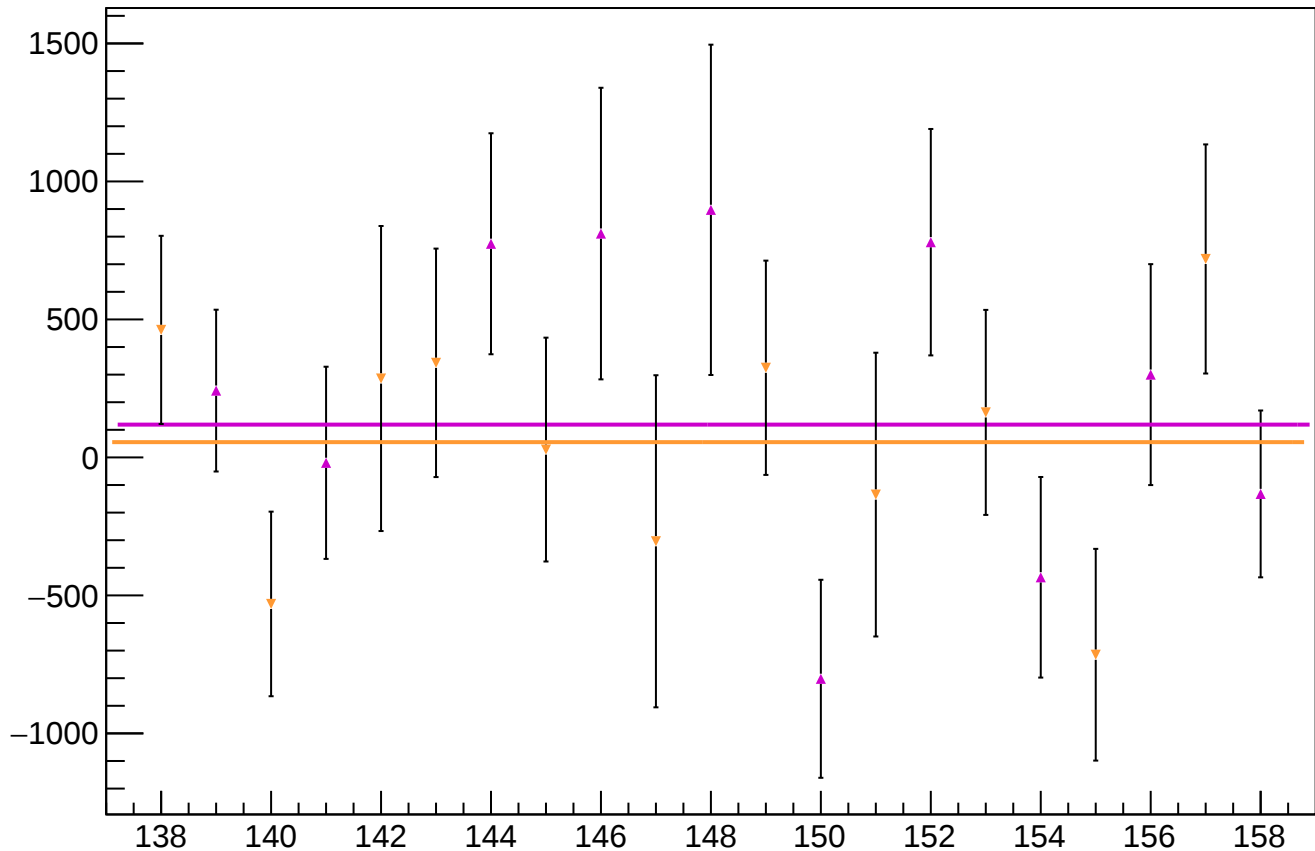
Left In: 83.745 $\pm$ 0.021 χ^2 /NDF: 56870.1/9

+ sign 82.224 $\pm$ 0.015 χ^2 /NDF: 1068325.0/27

All: 83.377 $\pm$ 0.011 χ^2 /NDF: 2355612.7/56

- sign 84.569 $\pm$ 0.016 χ^2 /NDF: 1275806.9/28

asym_sam1_correction_mean vs Slug



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

Left Out: 55.349+/-123.312 χ^2/NDF :12.8/10

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

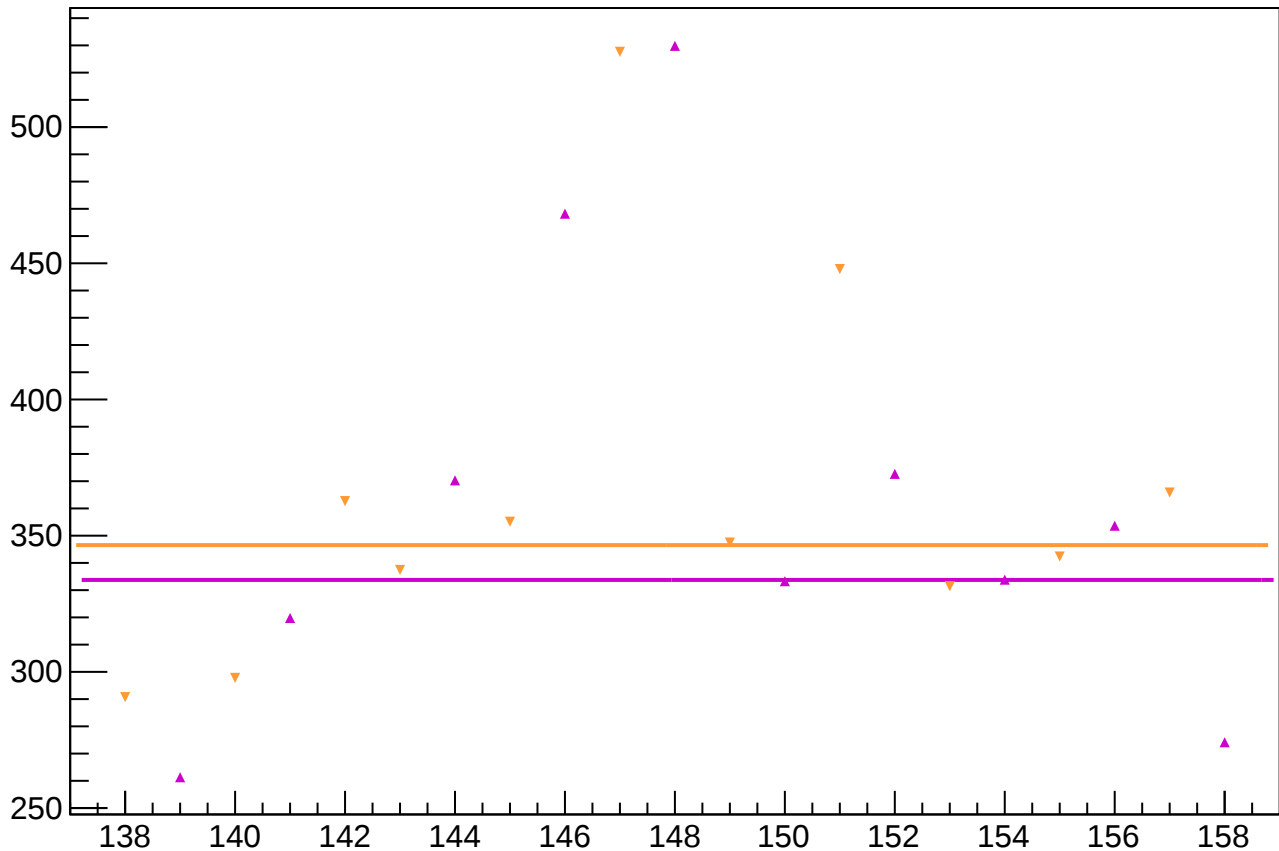
Left In: 118.836+/-118.702 χ^2/NDF :18.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.301+/-85.519 χ^2/NDF : 31.8/20

- 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: 346.536+/-0.087 χ^2/NDF : 366485.2/10

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

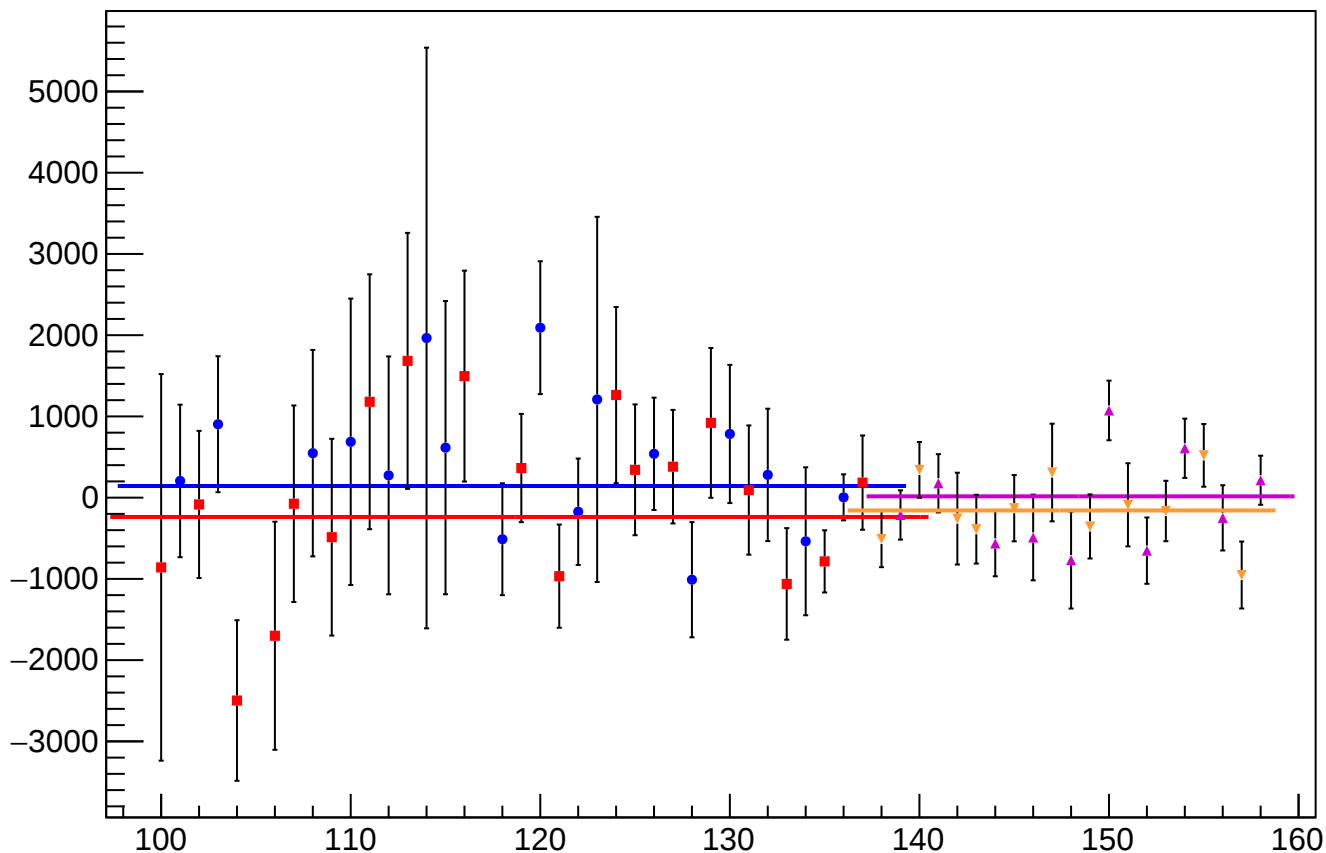
Left In: 333.754+/-0.084 χ^2/NDF : 587028.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.901+/-0.060 χ^2/NDF : 964667.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



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

Left Out: -157.515 $\pm$ 124.642 χ^2 /NDF:11.2/10

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

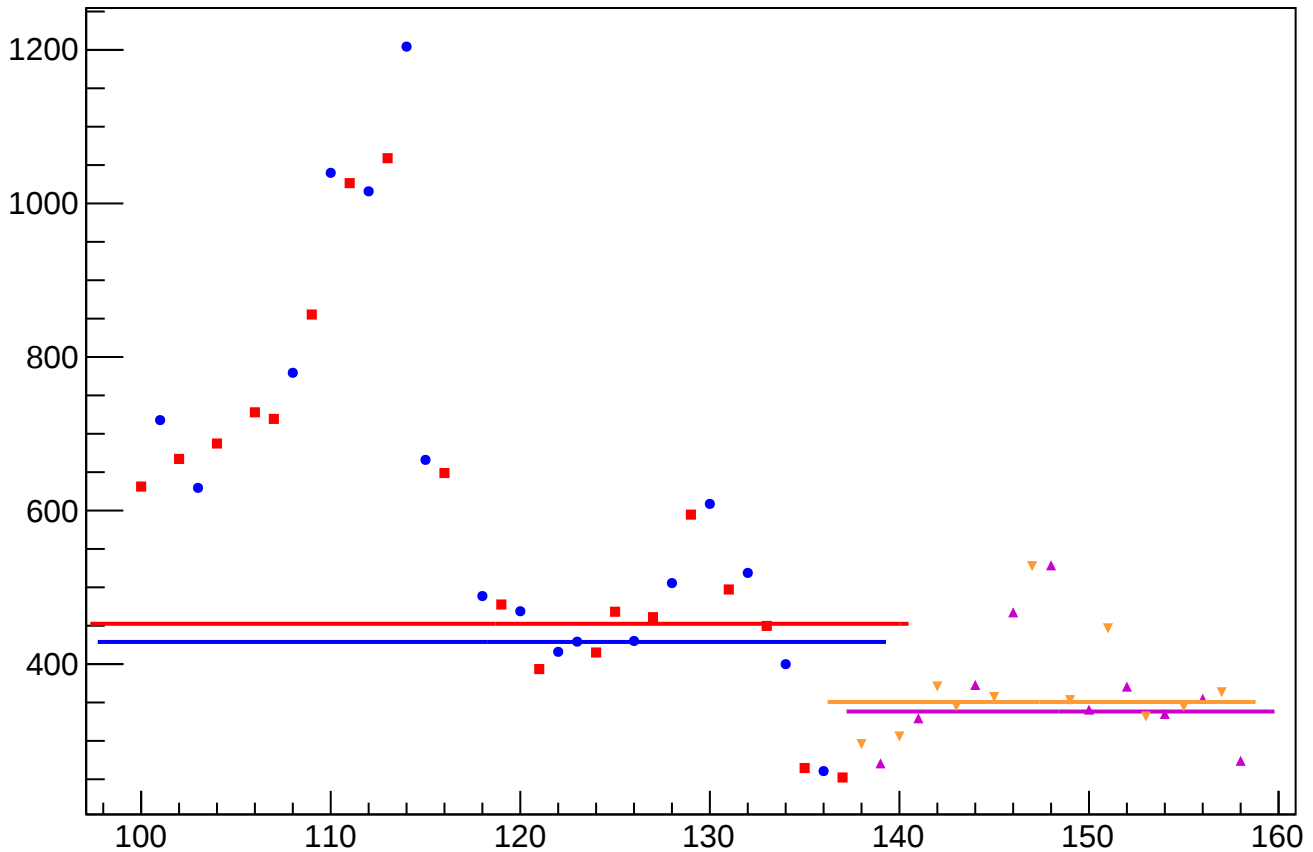
Left In: 16.175 $\pm$ 120.150 χ^2 /NDF:20.0/9

+ sign -59.402 $\pm$ 102.331 χ^2 /NDF: 25.8/27

All: -59.582 $\pm$ 71.739 χ^2 /NDF: 68.8/56

- sign -59.755 $\pm$ 100.601 χ^2 /NDF: 43.0/28

asym_sam1_rms vs Slug



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

Left Out: 350.684+/-0.088 χ^2/NDF :338968.6/10

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

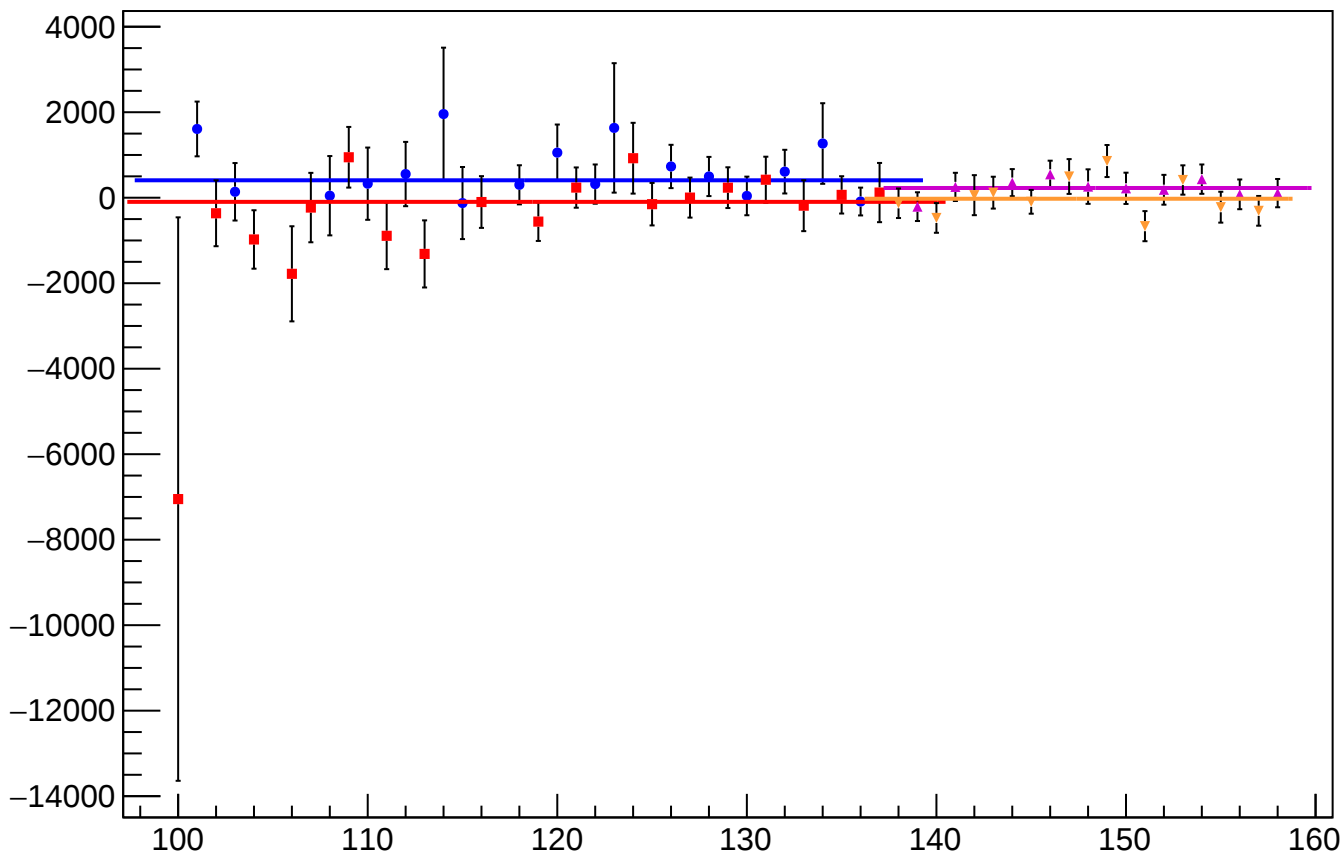
Left In: 338.243+/-0.085 χ^2/NDF :545028.6/9

+ sign 376.165+/-0.072 χ^2/NDF : 2607724.2/27

All: 374.252+/-0.051 χ^2/NDF : 5734205.3/56

- sign 372.404+/-0.071 χ^2/NDF : 3125107.8/28

dit_asym_sam2_mean vs Slug



Right In: 407.640 $\pm$ 139.972 χ^2 /NDF: 11.4/16

Left Out: -24.120 $\pm$ 107.184 χ^2 /NDF:15.1/10

Right Out: -96.852 $\pm$ 139.191 χ^2 /NDF: 15.6/18

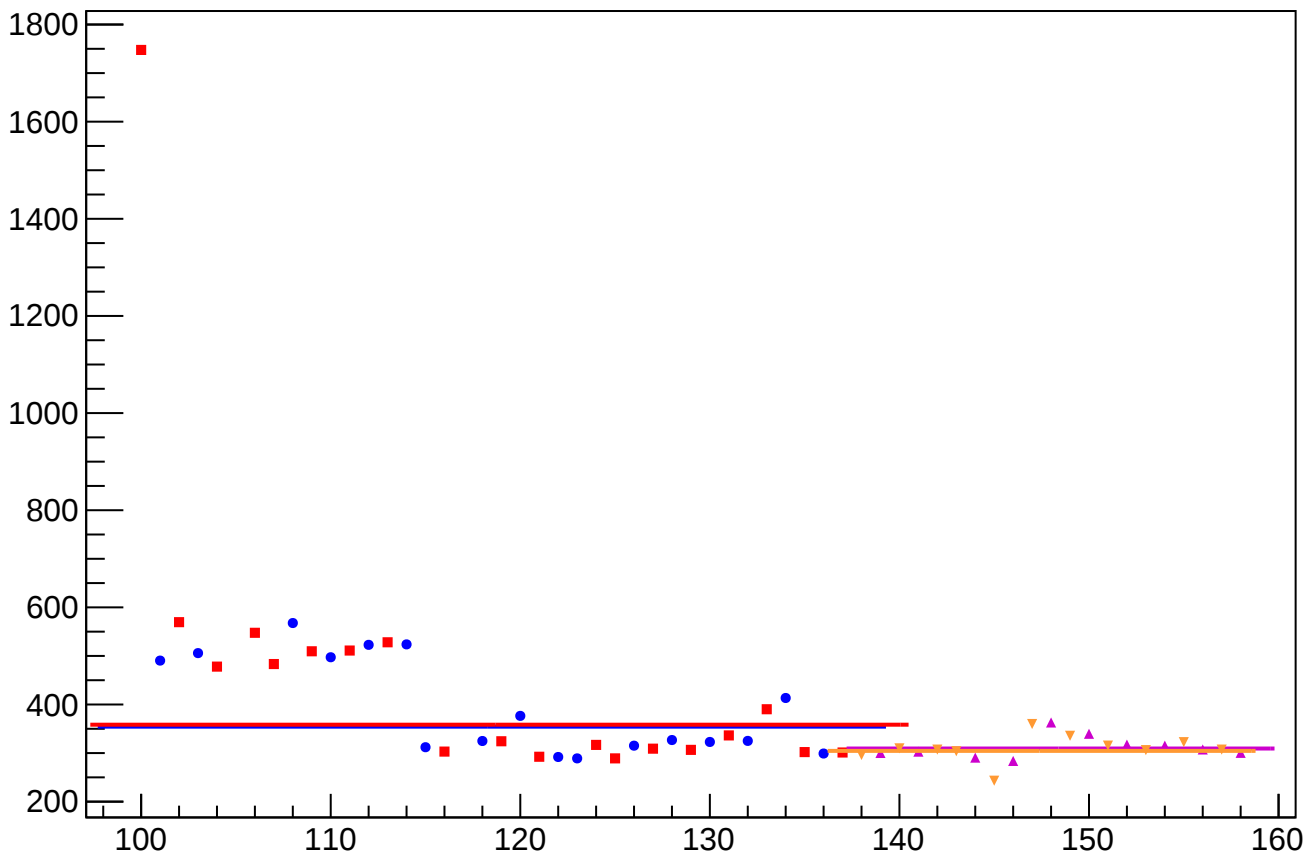
Left In: 227.481 $\pm$ 108.127 χ^2 /NDF:3.5/9

+ sign 135.473 $\pm$ 85.099 χ^2 /NDF: 32.5/27

All: 120.497 $\pm$ 60.277 χ^2 /NDF: 55.1/56

- sign 105.419 $\pm$ 85.390 χ^2 /NDF: 22.5/28

dit_asym_sam2_rms vs Slug



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

Left Out: 304.512+/-0.076 χ^2/NDF : 157283.0/10

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

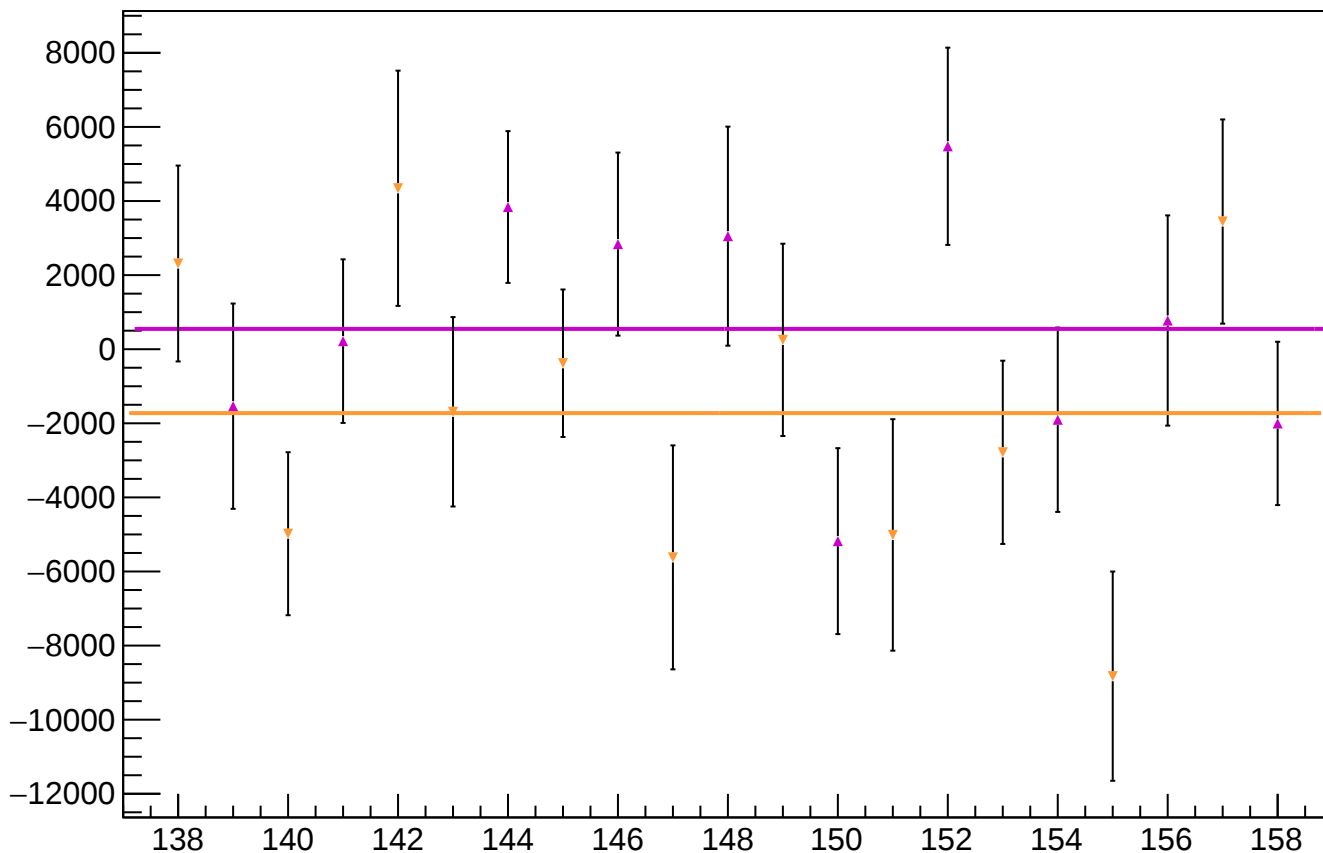
Left In: 309.363+/-0.076 χ^2/NDF : 74300.1/9

+ sign 322.962+/-0.060 χ^2/NDF : 953864.1/27

All: 325.386+/-0.043 χ^2/NDF : 2065797.2/56

- sign 327.826+/-0.060 χ^2/NDF : 1108676.9/28

asym_sam2_correction_mean vs Slug



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

Left Out: -1724.464+/-782.024 χ^2/NDF : 22.0/10

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

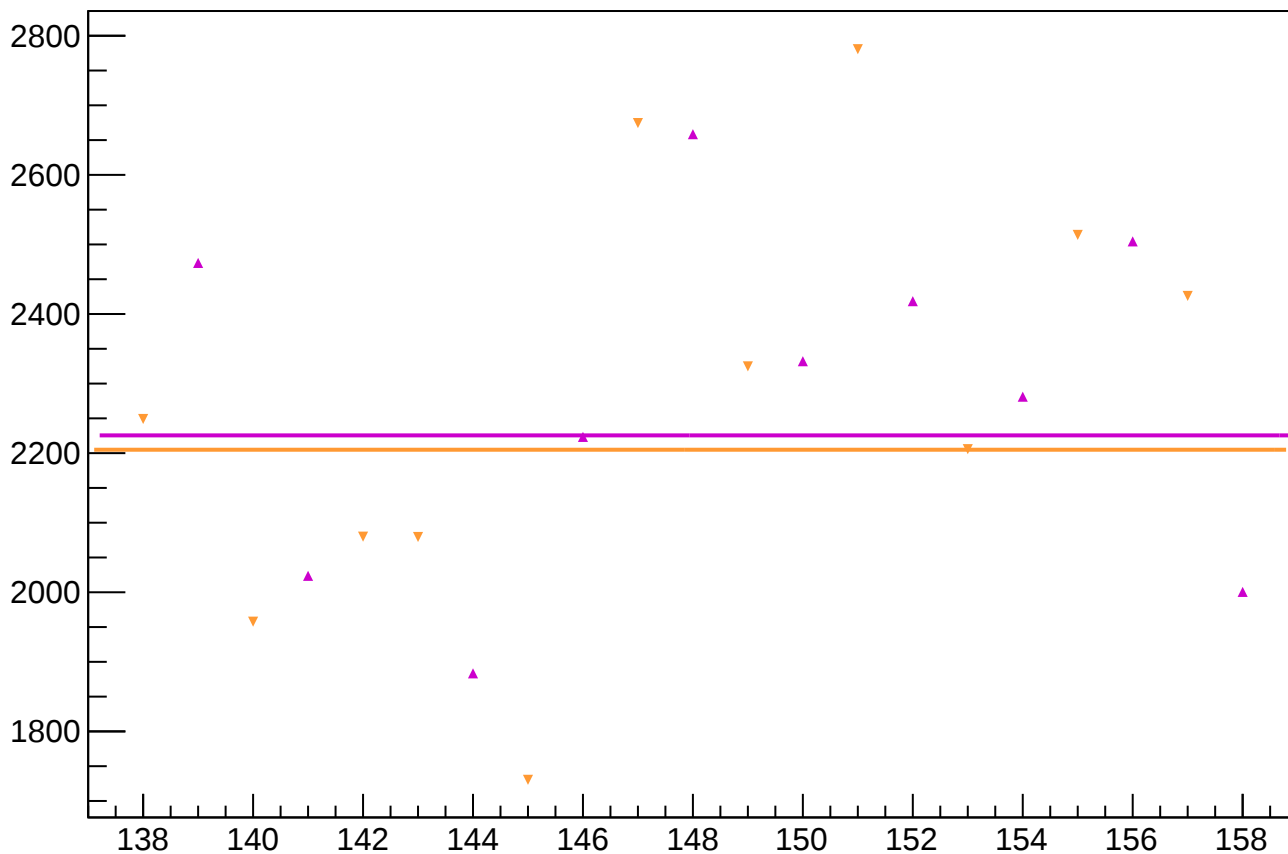
Left In: 548.050+/-780.059 χ^2/NDF : 15.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -585.349+/-552.279 χ^2/NDF : 41.9/20

- 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: 2204.908+/-0.553 χ^2/NDF : 304610.5/10

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

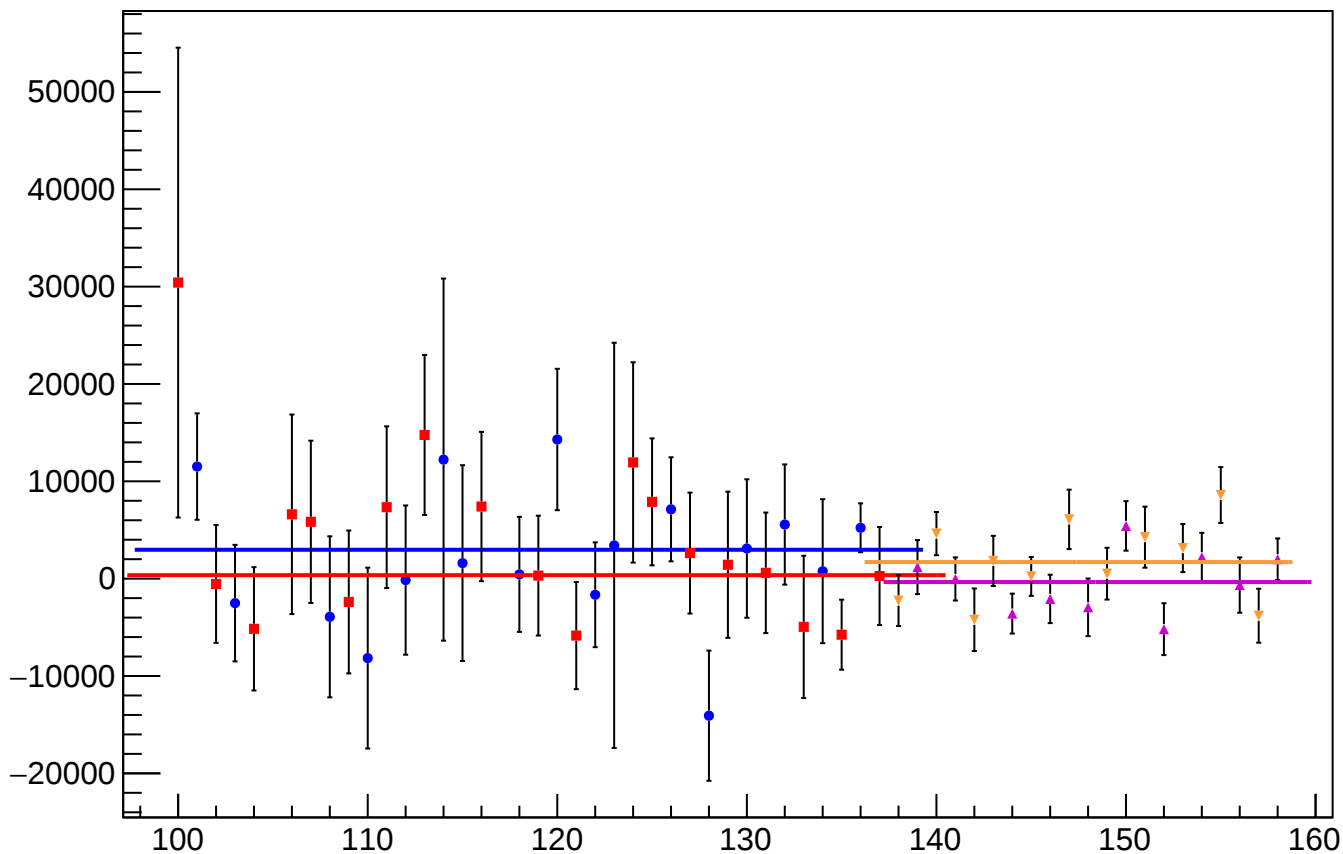
Left In: 2225.535+/-0.552 χ^2/NDF : 186677.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2215.247+/-0.391 χ^2/NDF : 491985.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



Right In: 2969.125 ± 1440.489 χ^2/NDF : 17.4/16

Left Out: 1705.837 ± 787.376 χ^2/NDF : 21.0/10

Right Out: 358.685 ± 1507.064 χ^2/NDF : 15.3/18

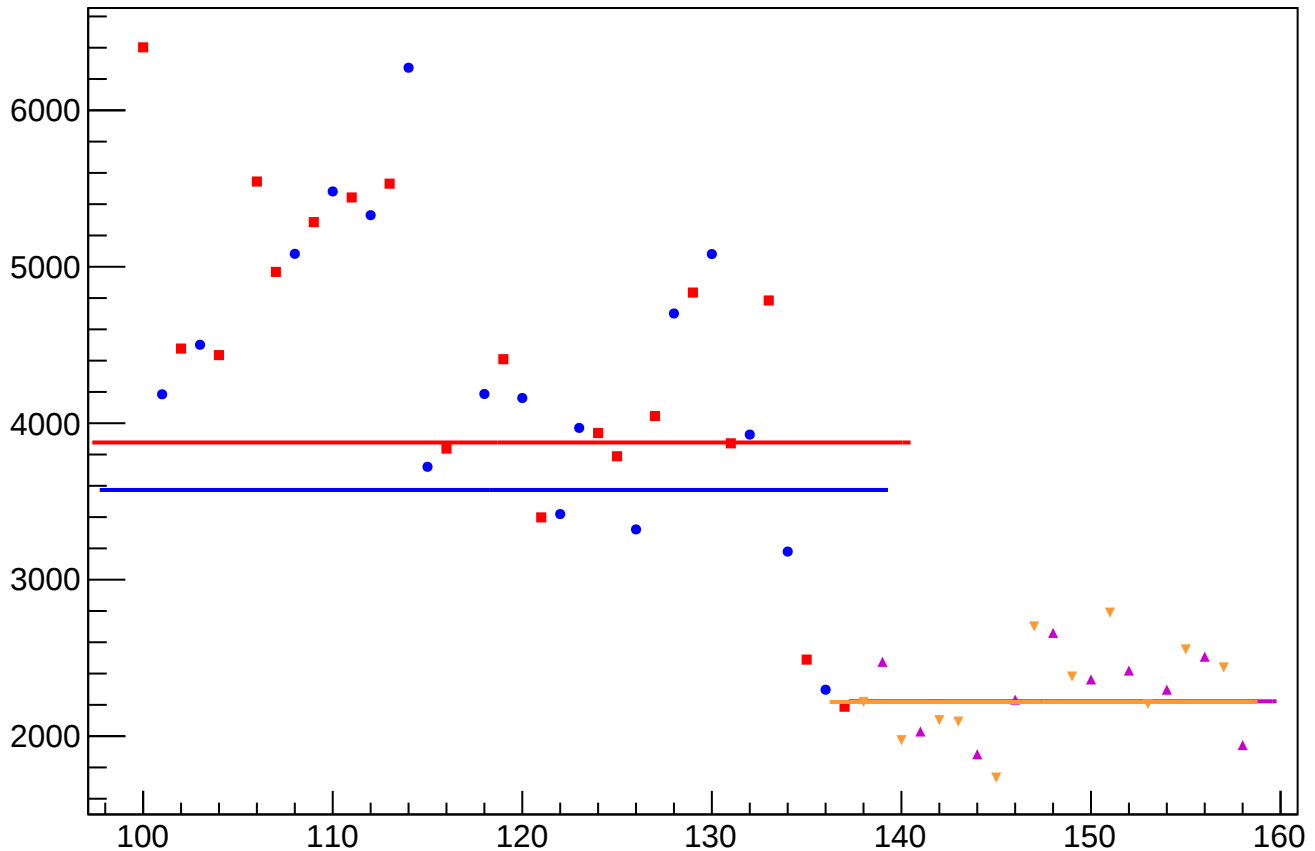
Left In: -345.191 ± 779.866 χ^2/NDF : 14.8/9

+ sign 1996.448 ± 690.900 χ^2/NDF : 38.9/27

All: 902.699 ± 489.149 χ^2/NDF : 74.2/56

- sign -196.519 ± 692.625 χ^2/NDF : 30.3/28

asym_sam2_rms vs Slug



Right In: 3573.470 ± 1.019 $\chi^2/\text{NDF}: 1088731.5/16$

Left Out: 2218.163 ± 0.557 $\chi^2/\text{NDF}: 312514.9/10$

Right Out: 3876.914 ± 1.066 $\chi^2/\text{NDF}: 988409.8/18$

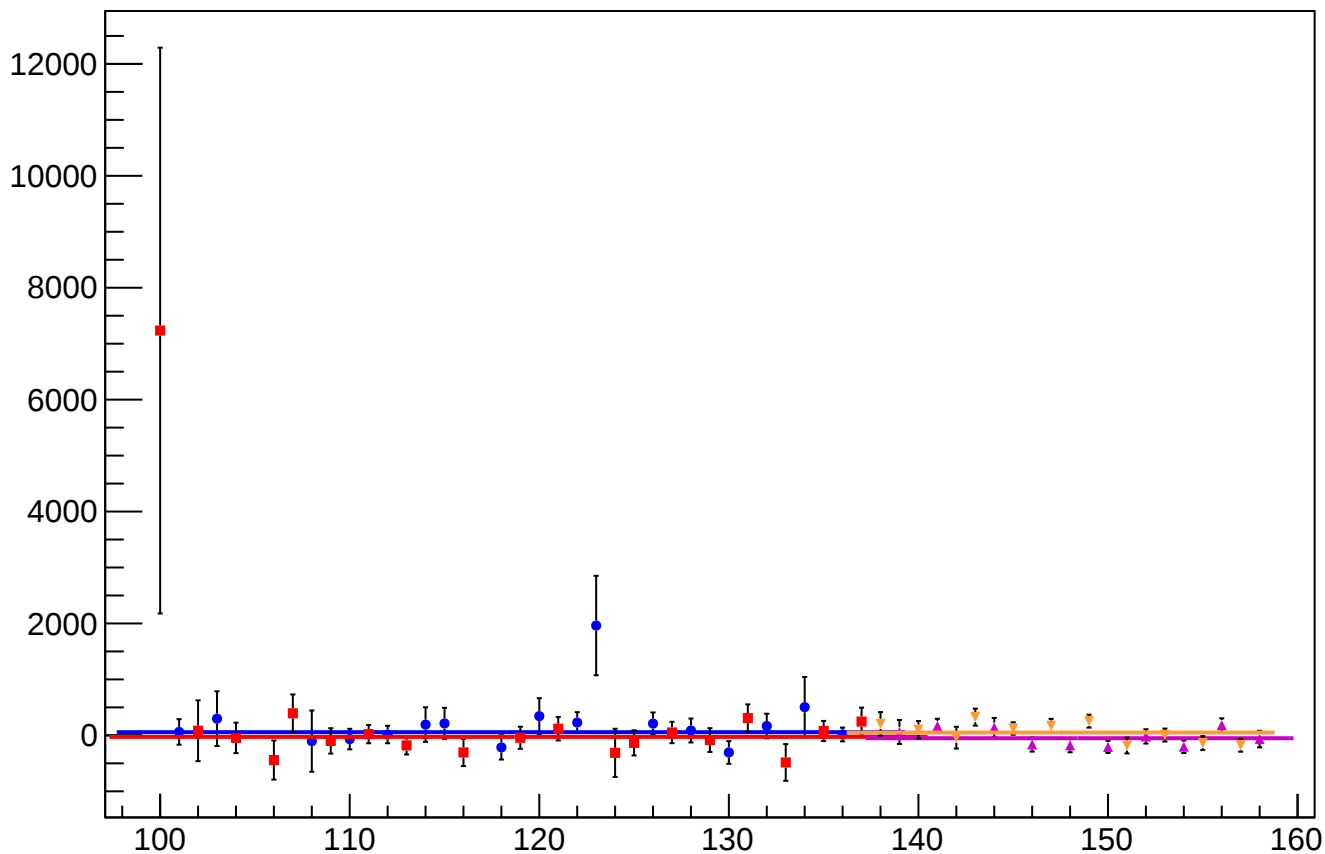
Left In: 2222.804 ± 0.551 $\chi^2/\text{NDF}: 202803.7/9$

+ sign 2529.943 ± 0.489 $\chi^2/\text{NDF}: 2764420.6/27$

All: 2551.010 ± 0.346 $\chi^2/\text{NDF}: 5859791.7/56$

- sign 2572.183 ± 0.490 $\chi^2/\text{NDF}: 3091642.6/28$

dit_asym_sam3_mean vs Slug



Right In: 56.595+/-53.880 χ^2/NDF : 14.1/16

Left Out: 50.644+/-40.142 χ^2/NDF : 17.7/10

Right Out: -27.299+/-54.033 χ^2/NDF : 14.3/18

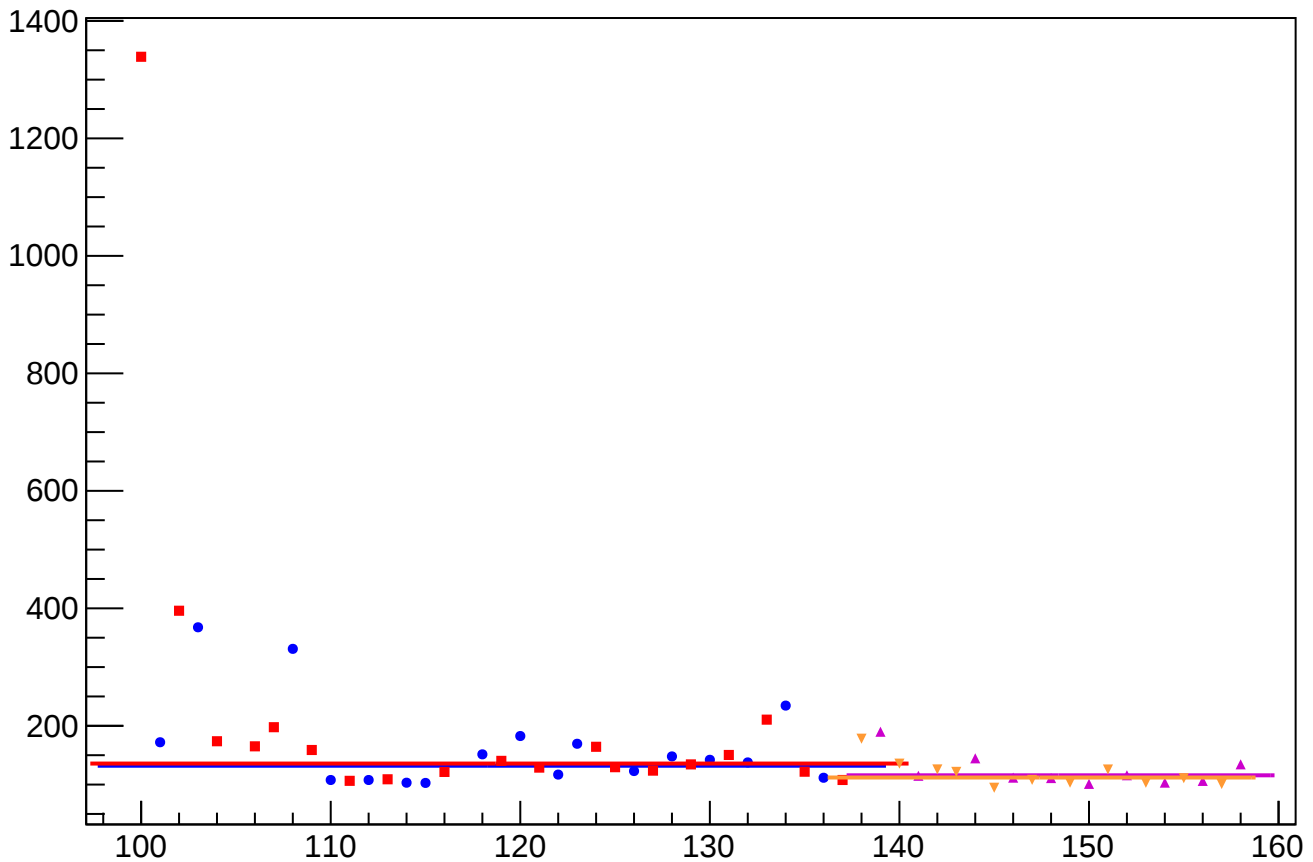
Left In: -50.987+/-41.497 χ^2/NDF : 13.9/9

+ sign 52.768+/-32.190 χ^2/NDF : 31.8/27

All: 6.336+/-23.013 χ^2/NDF : 64.4/56

- sign -42.199+/-32.911 χ^2/NDF : 28.3/28

dit_asym_sam3_rms vs Slug



Right In: 132.104 $\pm$ 0.038 χ^2 /NDF: 1144612.1/16

Left Out: 112.030 $\pm$ 0.028 χ^2 /NDF: 374896.3/10

Right Out: 135.773 $\pm$ 0.038 χ^2 /NDF: 1009635.6/18

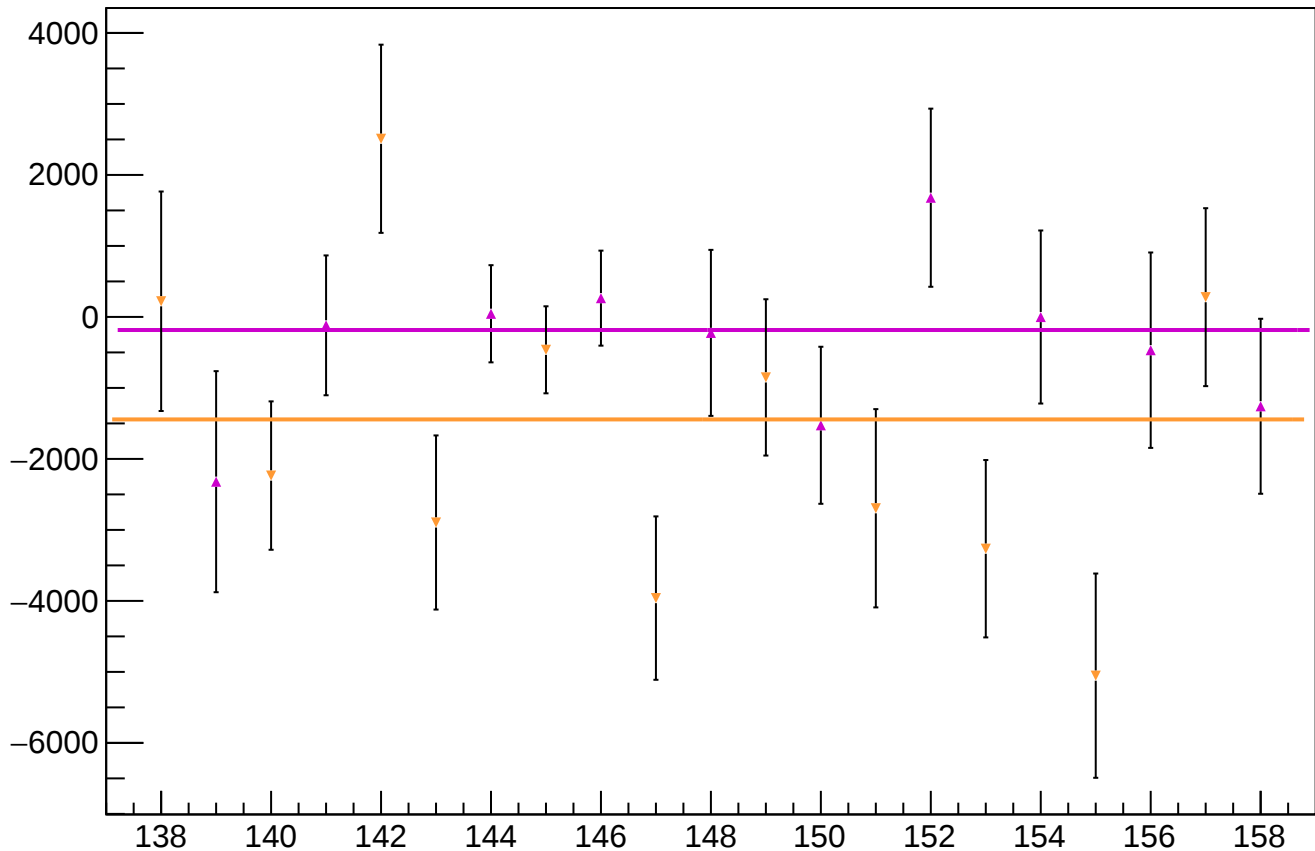
Left In: 115.768 $\pm$ 0.029 χ^2 /NDF: 405198.8/9

+ sign 119.195 $\pm$ 0.023 χ^2 /NDF: 1698015.1/27

All: 121.148 $\pm$ 0.016 χ^2 /NDF: 3300342.7/56

- sign 123.190 $\pm$ 0.023 χ^2 /NDF: 1587269.6/28

asym_sam3_correction_mean vs Slug



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

Left Out: -1443.734+/-331.783 χ^2/NDF : 30.8/10

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

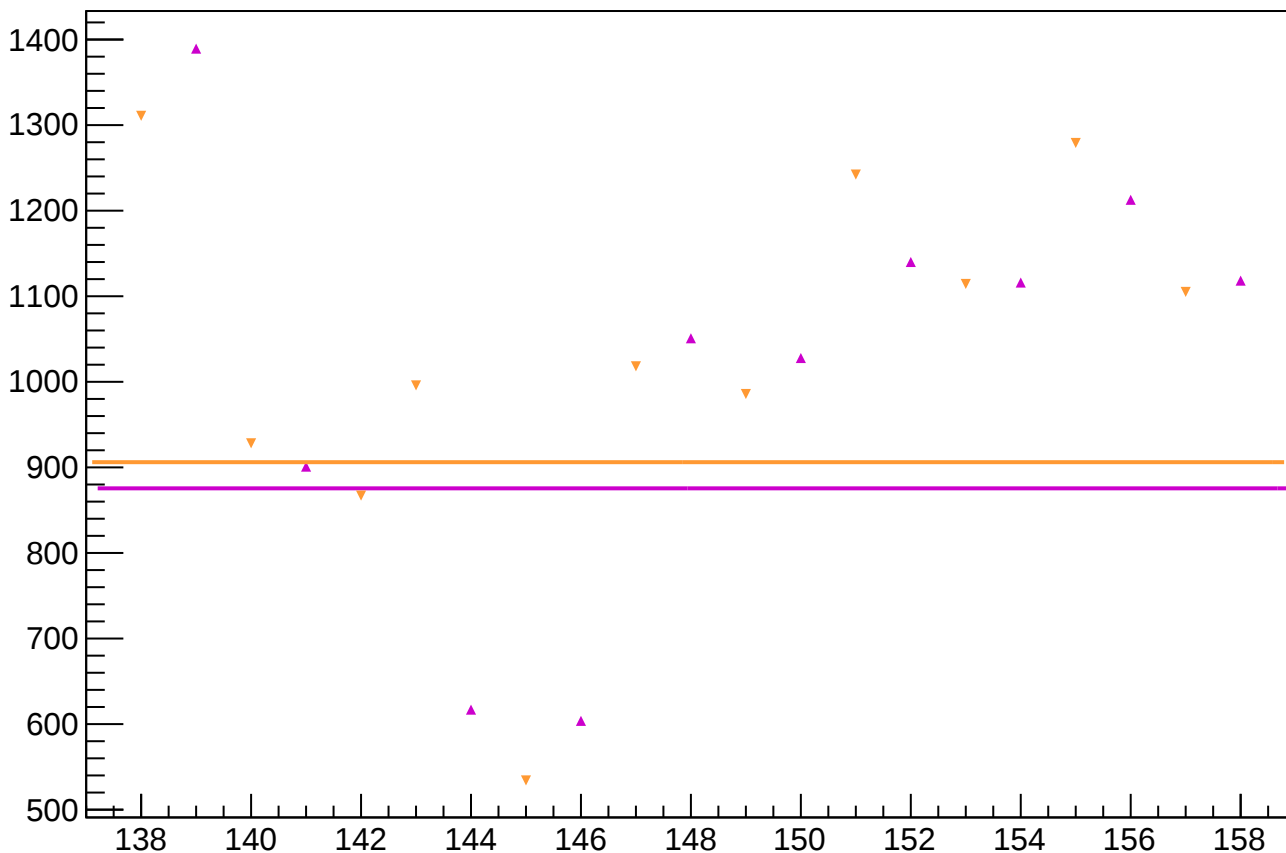
Left In: -184.231+/-318.522 χ^2/NDF : 7.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -788.308+/-229.774 χ^2/NDF : 45.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug



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

Left Out: 906.091+/-0.235 χ^2/NDF :1272747.3/10

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

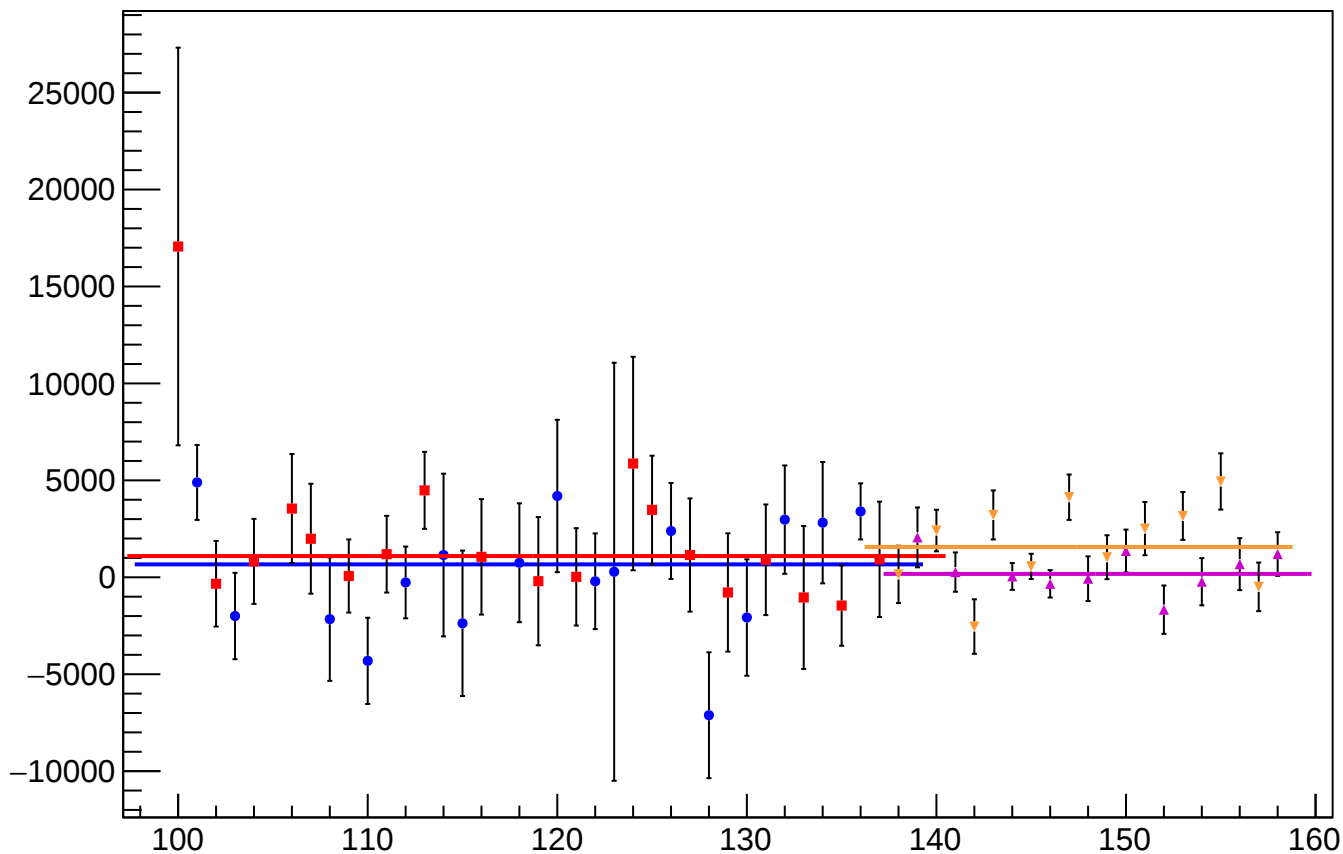
Left In: 875.508+/-0.225 χ^2/NDF :1282025.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.176+/-0.162 χ^2/NDF : 2563616.6/20

- 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: 1563.082 ± 340.306 χ^2/NDF : 29.5/10

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

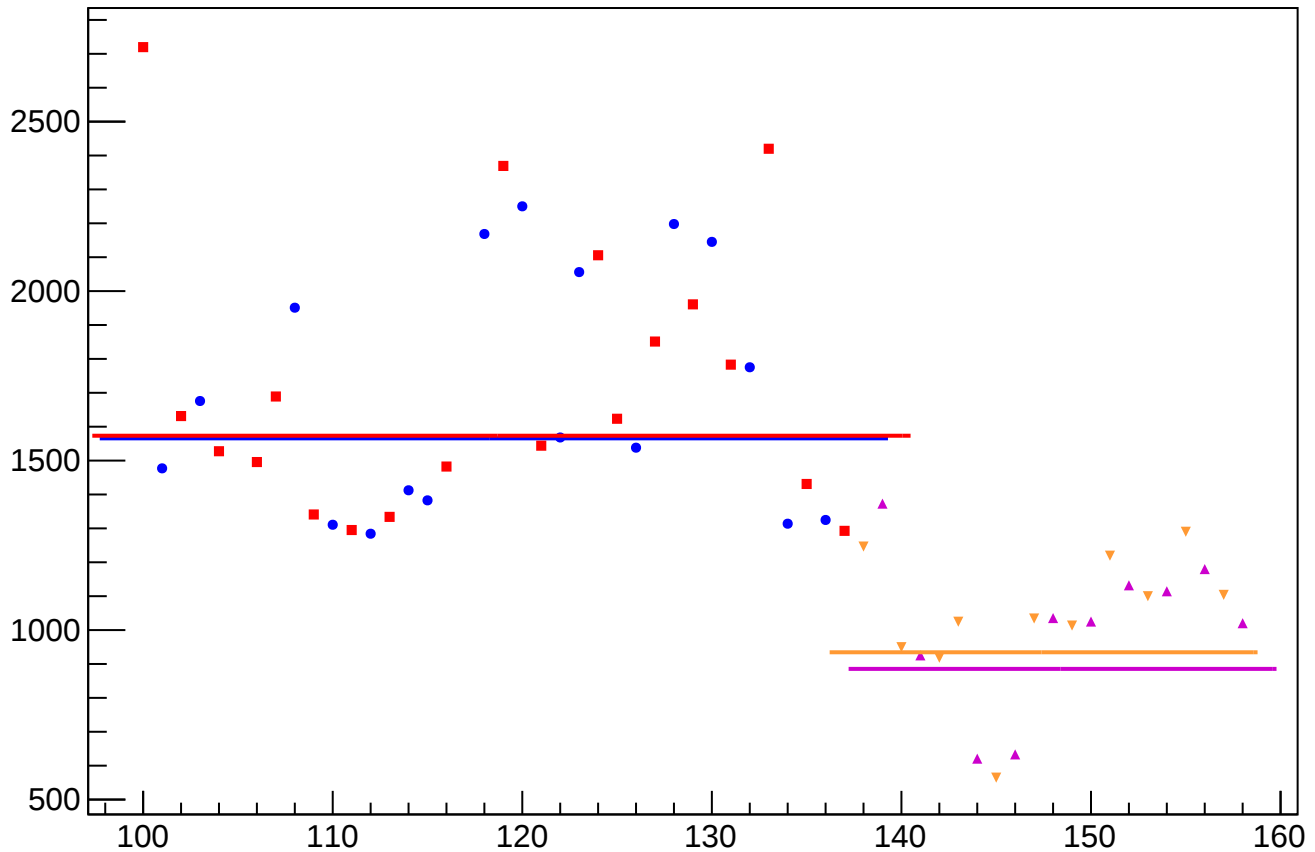
Left In: 175.058 ± 320.998 χ^2/NDF : 6.5/9

+ sign 1354.896 ± 298.193 χ^2/NDF : 56.7/27

All: 841.582 ± 205.392 χ^2/NDF : 81.7/56

- sign 378.218 ± 283.313 χ^2/NDF : 19.3/28

asym_sam3_rms vs Slug



Right In: 1565.623 $\pm$ 0.438 χ^2 /NDF: 490790.2/16

Left Out: 934.493 $\pm$ 0.241 χ^2 /NDF: 1049935.9/10

Right Out: 1573.366 $\pm$ 0.426 χ^2 /NDF: 462040.3/18

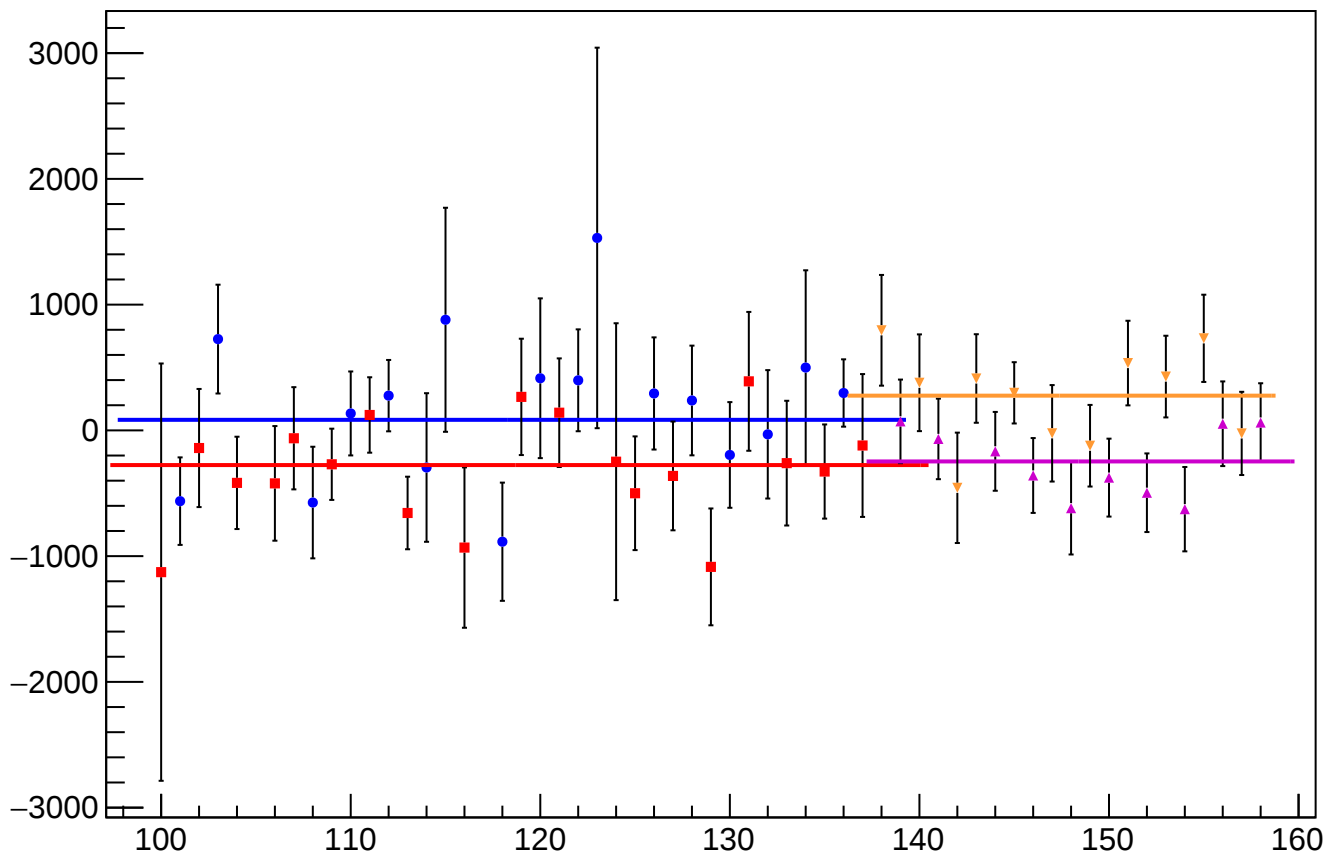
Left In: 885.510 $\pm$ 0.227 χ^2 /NDF: 1088062.1/9

+ sign 1081.034 $\pm$ 0.211 χ^2 /NDF: 3137954.0/27

All: 1058.172 $\pm$ 0.145 χ^2 /NDF: 6740161.6/50

- sign 1037.535 $\pm$ 0.200 χ^2 /NDF: 3579840.3/28

dit_asym_sam4_mean vs Slug



Right In: 83.935 $\pm$ 103.619 χ^2 /NDF: 17.3/16

Left Out: 276.231 $\pm$ 103.099 χ^2 /NDF: 9.9/10

Right Out: -275.803 $\pm$ 97.798 χ^2 /NDF: 12.6/18

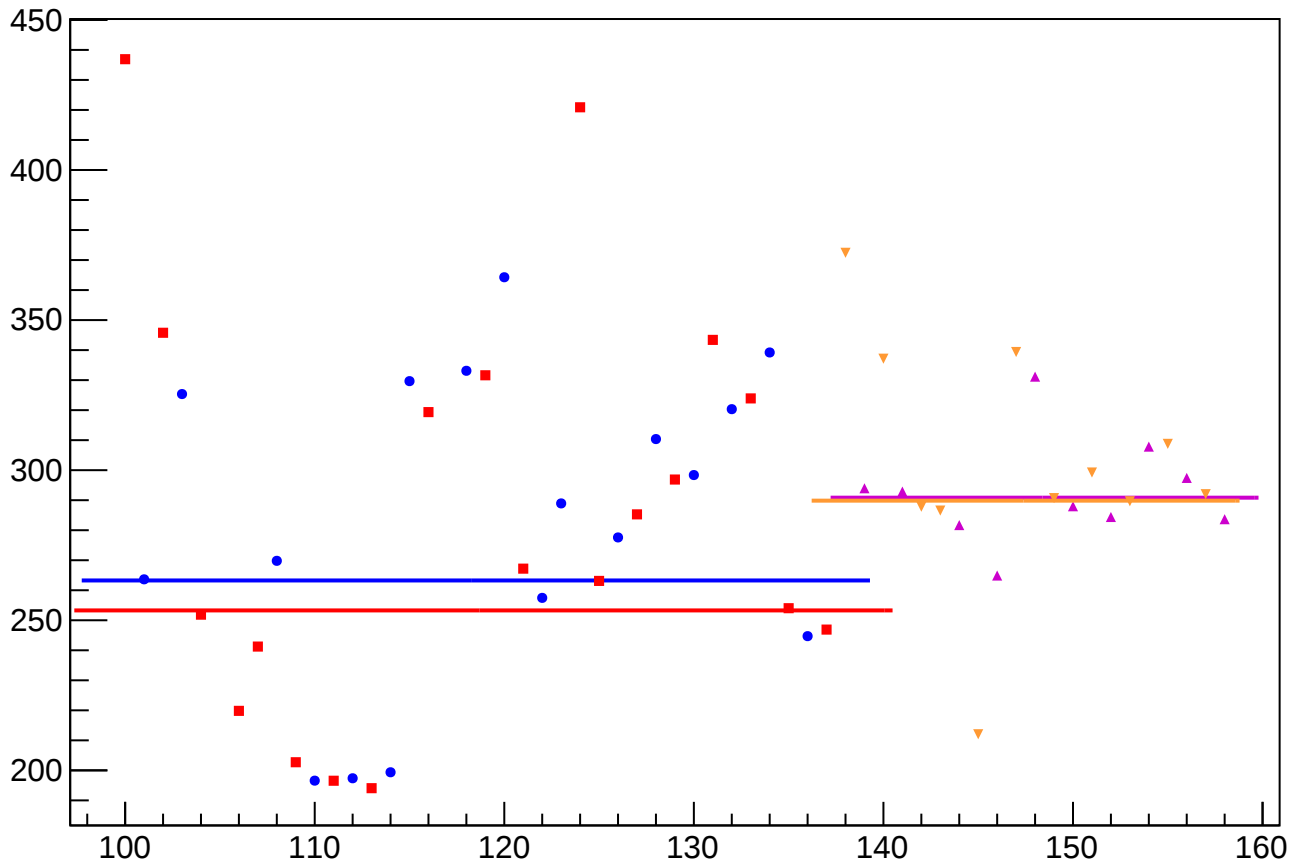
Left In: -246.902 $\pm$ 101.928 χ^2 /NDF: 6.3/9

+ sign 180.566 $\pm$ 73.085 χ^2 /NDF: 29.0/27

All: -48.441 $\pm$ 50.766 χ^2 /NDF: 66.9/56

- sign -261.950 $\pm$ 70.569 χ^2 /NDF: 19.0/28

dit_asym_sam4_rms vs Slug



Right In: 263.262 $\pm$ 0.073 χ^2 /NDF: 452757.7/16

Left Out: 289.850 $\pm$ 0.073 χ^2 /NDF: 345769.1/10

Right Out: 253.283 $\pm$ 0.069 χ^2 /NDF: 585121.8/18

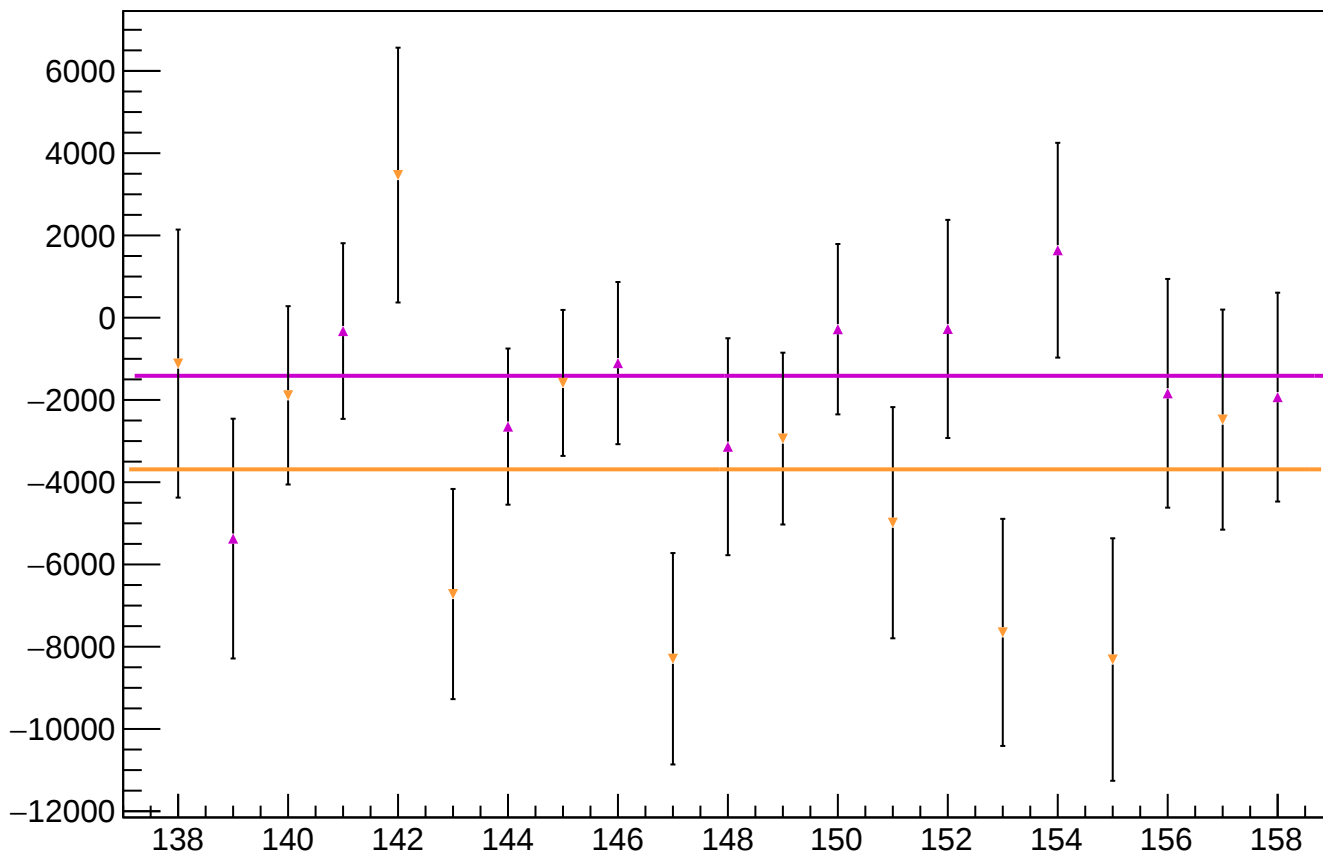
Left In: 290.839 $\pm$ 0.072 χ^2 /NDF: 49088.4/9

+ sign 276.623 $\pm$ 0.052 χ^2 /NDF: 864696.0/27

All: 273.860 $\pm$ 0.036 χ^2 /NDF: 1645802.8/56

- sign 271.285 $\pm$ 0.050 χ^2 /NDF: 775585.1/28

asym_sam4_correction_mean vs Slug



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

Left Out: -3687.394+/-750.610 χ^2/NDF : 17.7/10

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

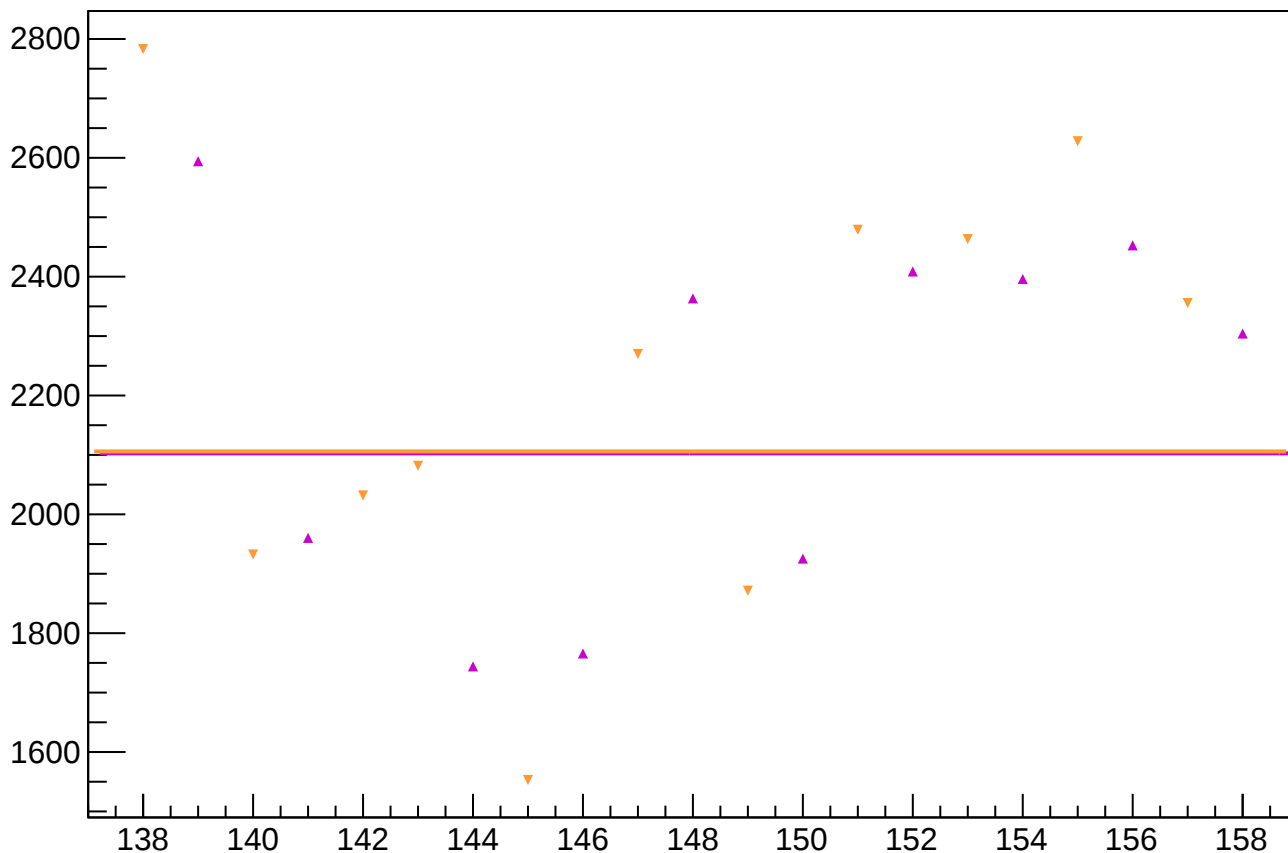
Left In: -1412.780+/-740.900 χ^2/NDF : 4.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2535.279+/-527.295 χ^2/NDF : 27.3/20

- 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: 2105.875+/-0.531 χ^2/NDF : 476972.5/10

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

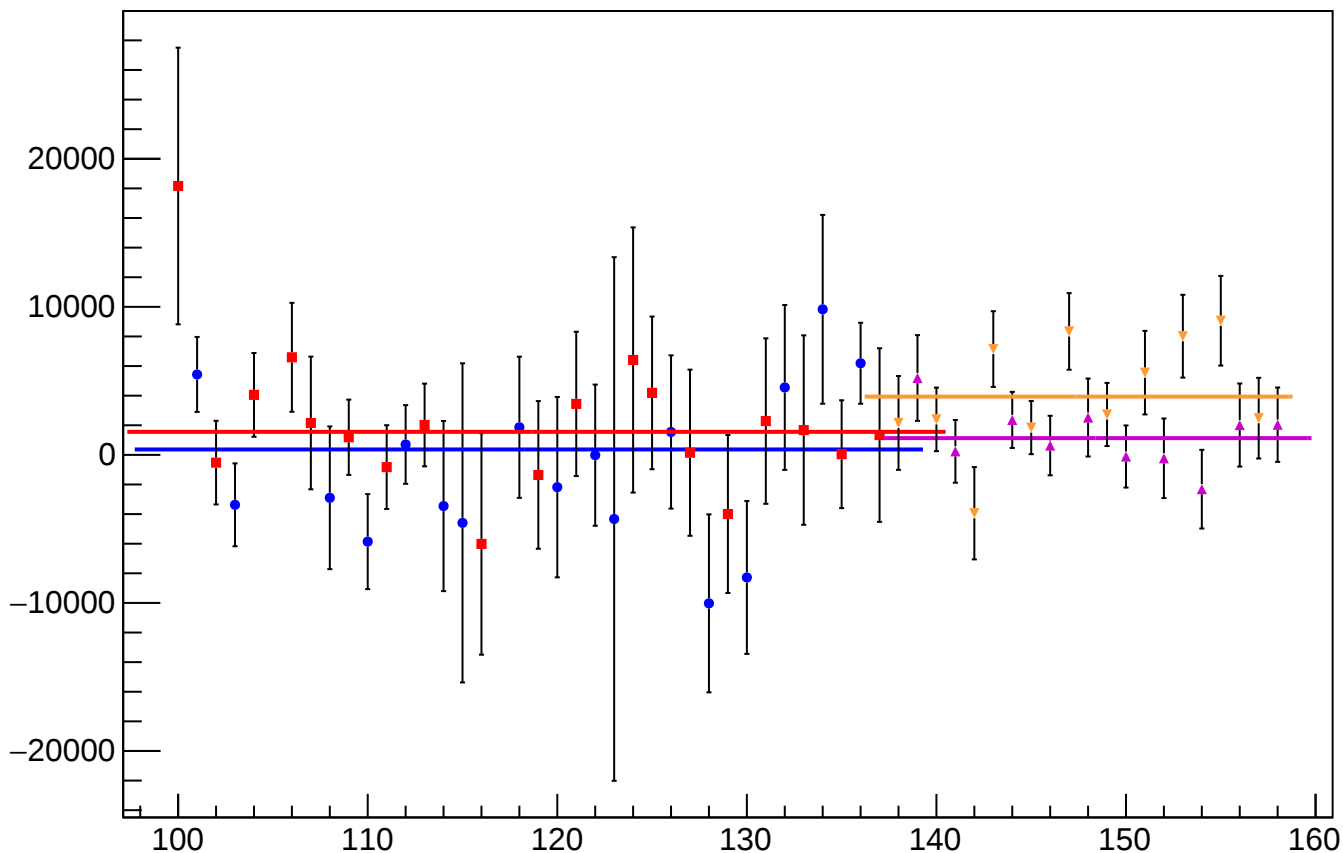
Left In: 2102.594+/-0.524 χ^2/NDF : 325842.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2104.213+/-0.373 χ^2/NDF : 802834.4/20

- 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: 3936.724+/-756.120 χ^2/NDF :19.0/10

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

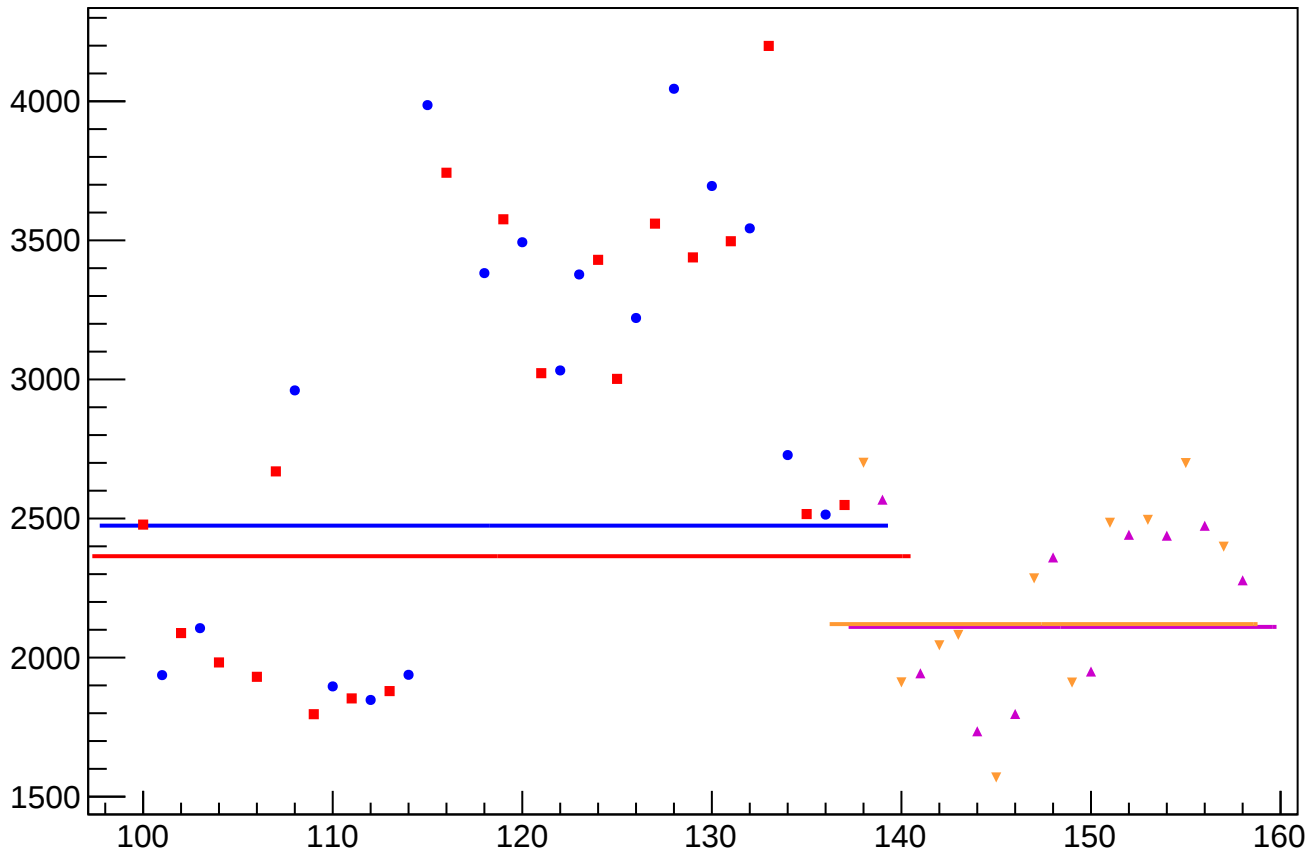
Left In: 1133.106+/-744.240 χ^2/NDF :5.4/9

+ sign 2625.526+/-601.458 χ^2/NDF : 51.3/27

All: 1938.277+/-417.356 χ^2/NDF : 69.9/56

- sign 1300.053+/-579.609 χ^2/NDF : 16.1/28

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2 /NDF: 906262.1/16

Left Out: 2120.393+/-0.535 χ^2 /NDF: 466951.8/10

Right Out: 2364.507+/-0.653 χ^2 /NDF: 1023402.8/18

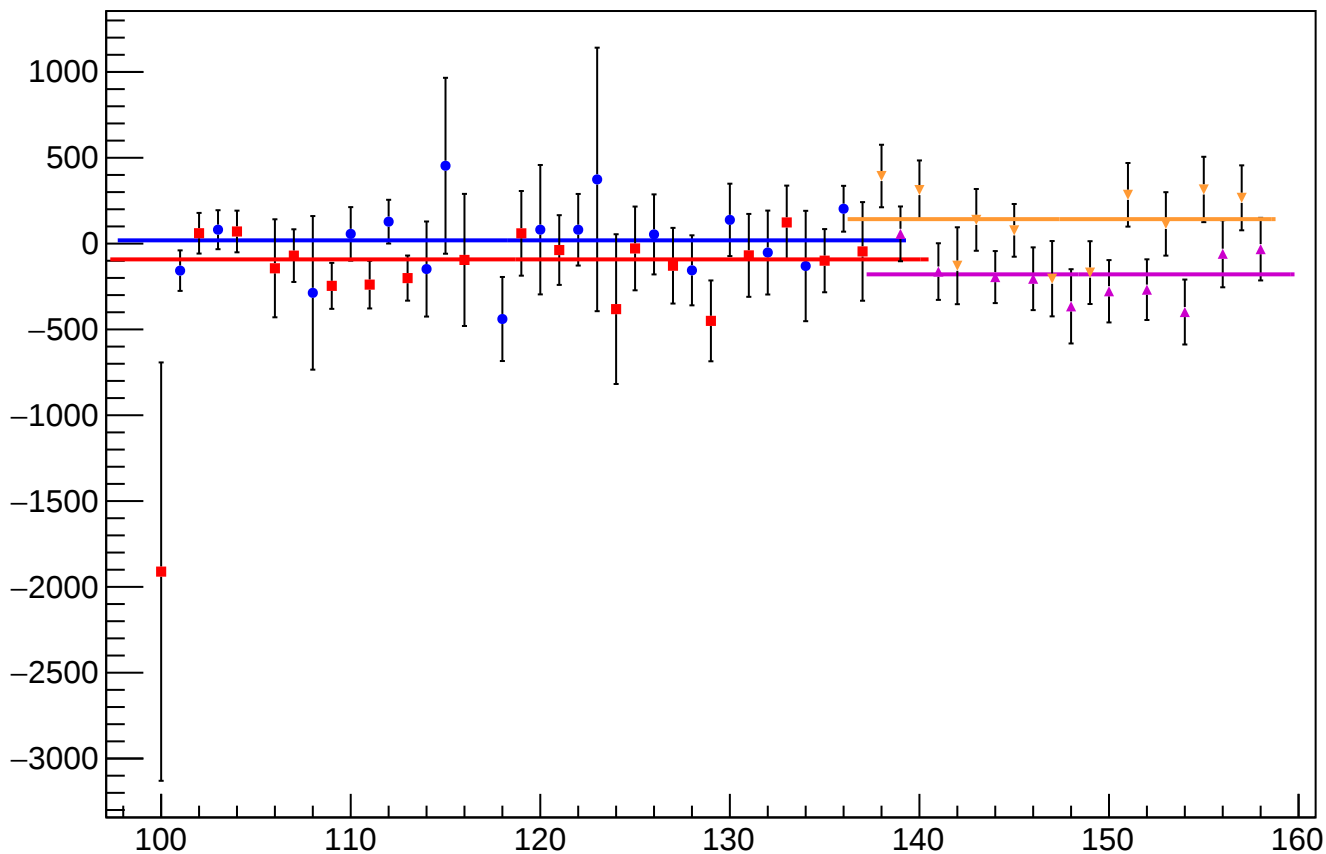
Left In: 2110.340+/-0.526 χ^2 /NDF: 322350.7/9

+ sign 2250.399+/-0.425 χ^2 /NDF: 1534208.8/27

All: 2229.634+/-0.295 χ^2 /NDF: 2976344.4/56

- sign 2210.350+/-0.410 χ^2 /NDF: 1437537.7/28

dit_asym_sam5_mean vs Slug



Right In: 18.930 ± 46.147 χ^2/NDF : 12.0/16

Left Out: 142.525 ± 55.772 χ^2/NDF : 11.8/10

Right Out: -91.993 ± 42.693 χ^2/NDF : 13.2/18

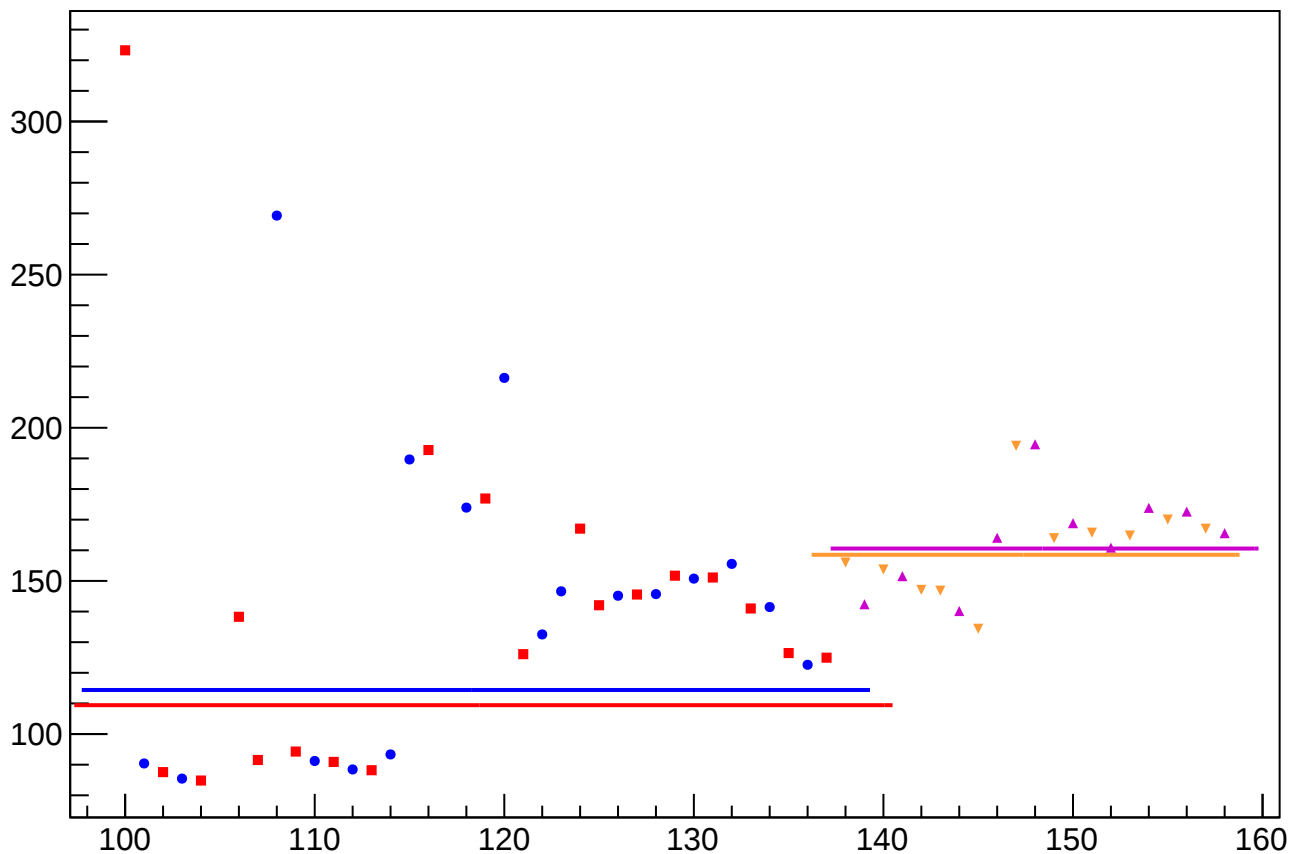
Left In: -179.156 ± 56.134 χ^2/NDF : 5.9/9

+ sign 69.159 ± 35.554 χ^2/NDF : 26.7/27

All: -31.753 ± 24.566 χ^2/NDF : 62.7/56

- sign -123.935 ± 33.982 χ^2/NDF : 20.6/28

dit_asym_sam5_rms vs Slug



Right In: 114.391+/-0.033 χ^2/NDF : 1136702.0/16

Left Out: 158.530+/-0.039 χ^2/NDF : 136178.4/10

Right Out: 109.428+/-0.030 χ^2/NDF : 944386.0/18

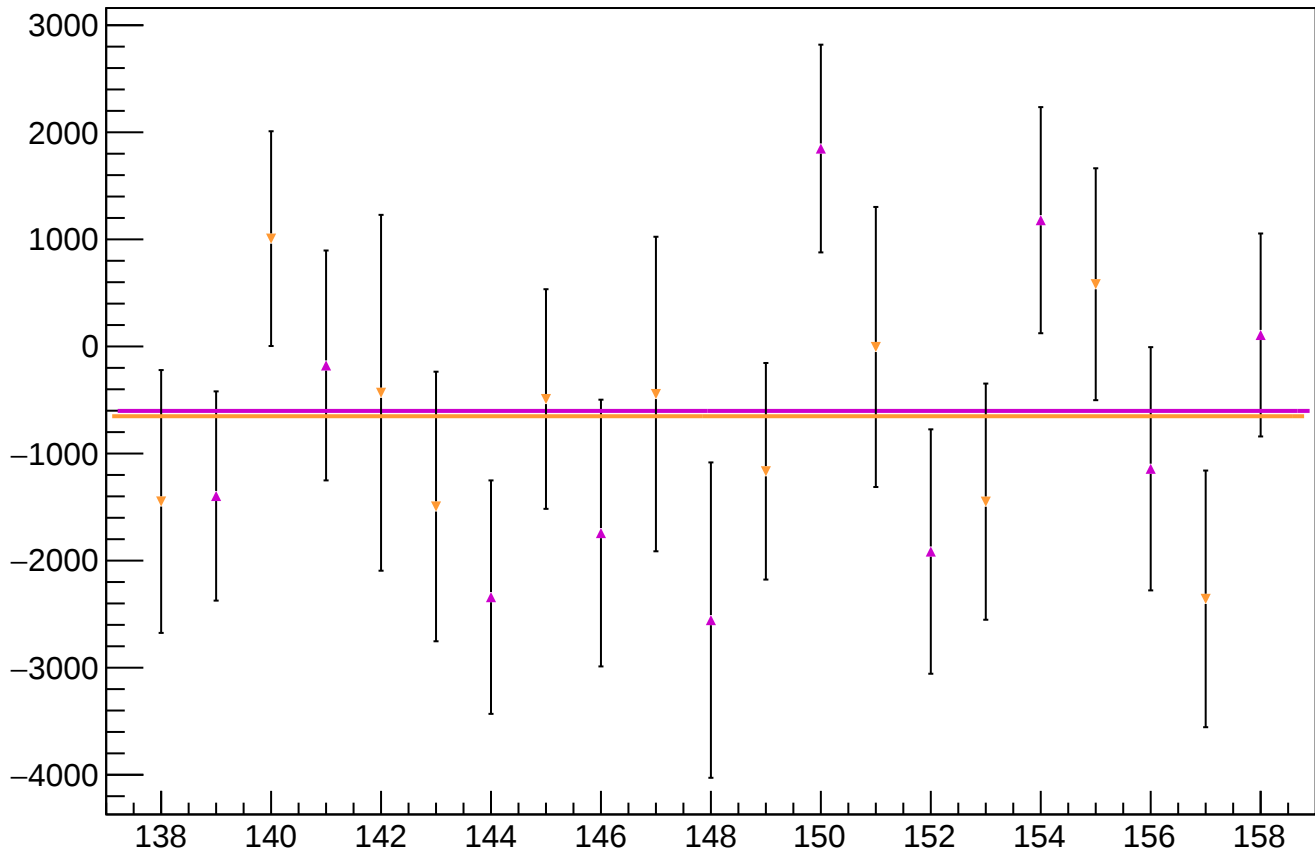
Left In: 160.570+/-0.040 χ^2/NDF : 141596.2/9

+ sign 132.329+/-0.025 χ^2/NDF : 2016476.2/27

All: 130.155+/-0.017 χ^2/NDF : 4168480.3/56

- sign 128.170+/-0.024 χ^2/NDF : 2137696.8/28

asym_sam5_correction_mean vs Slug



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

Left Out: -651.598+/-353.559 χ^2/NDF : 8.0/10

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

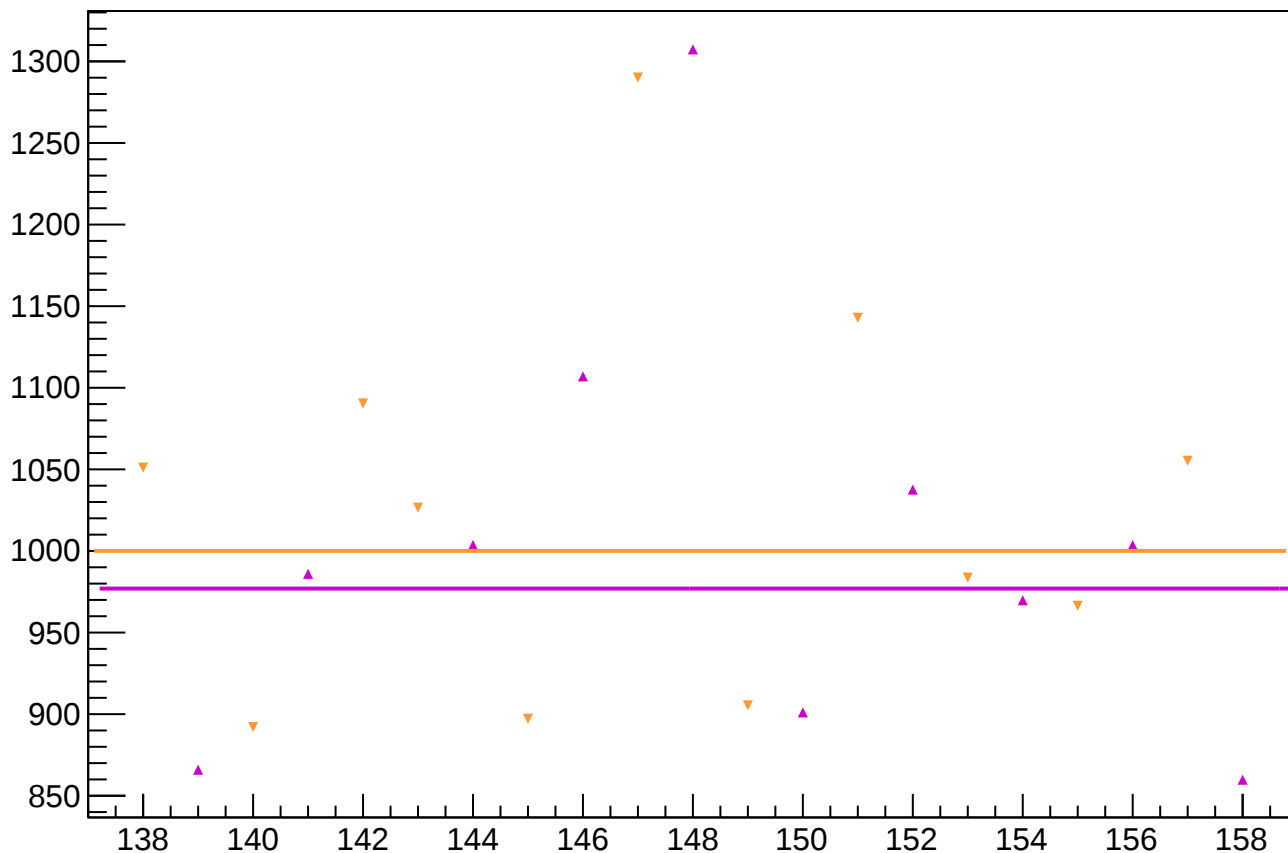
Left In: -601.871+/-343.428 χ^2/NDF : 17.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -626.012+/-246.344 χ^2/NDF : 25.3/20

- 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: 1000.033+/-0.250 χ^2/NDF :179545.5/10

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

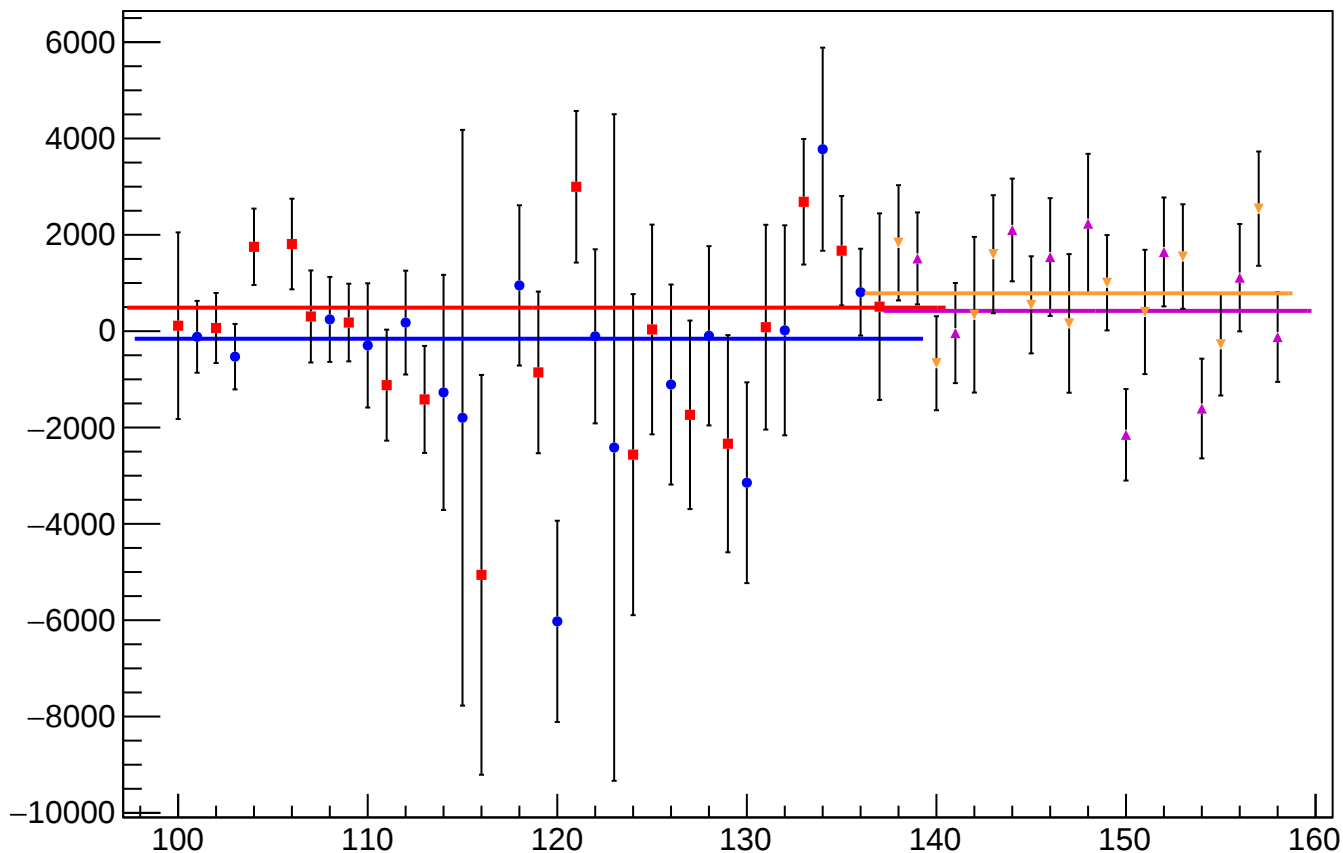
Left In: 976.947+/-0.243 χ^2/NDF :199250.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.154+/-0.174 χ^2/NDF : 383183.9/20

- 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: 785.561 ± 346.466 χ^2/NDF : 7.6/10

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

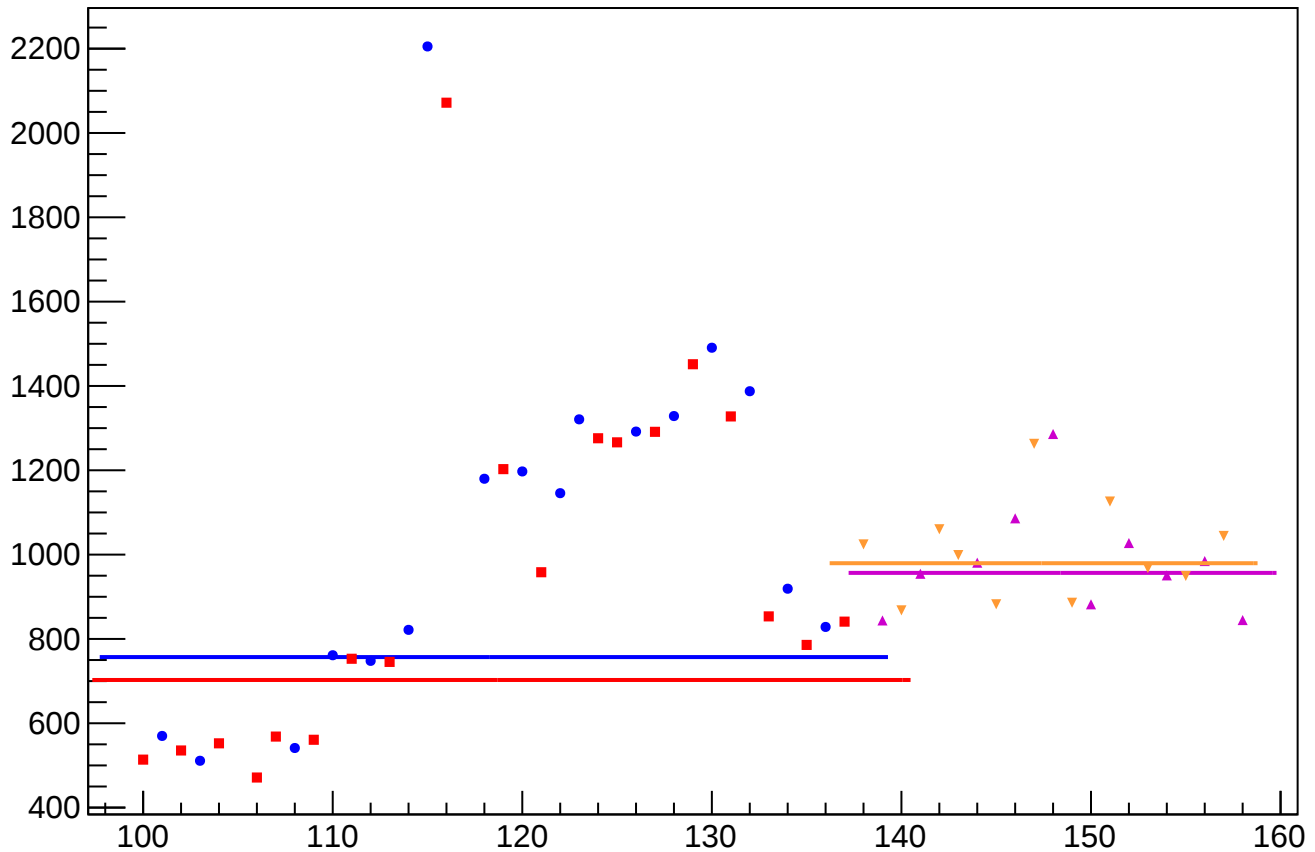
Left In: 421.413 ± 336.479 χ^2/NDF : 19.4/9

+ sign 265.727 ± 232.052 χ^2/NDF : 27.9/27

All: 370.021 ± 158.291 χ^2/NDF : 70.4/56

- sign 460.782 ± 216.473 χ^2/NDF : 42.1/28

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF : 1711285.9/16

Left Out: 979.597+/-0.245 χ^2/NDF : 182085.2/10

Right Out: 702.656+/-0.200 χ^2/NDF : 1689579.7/18

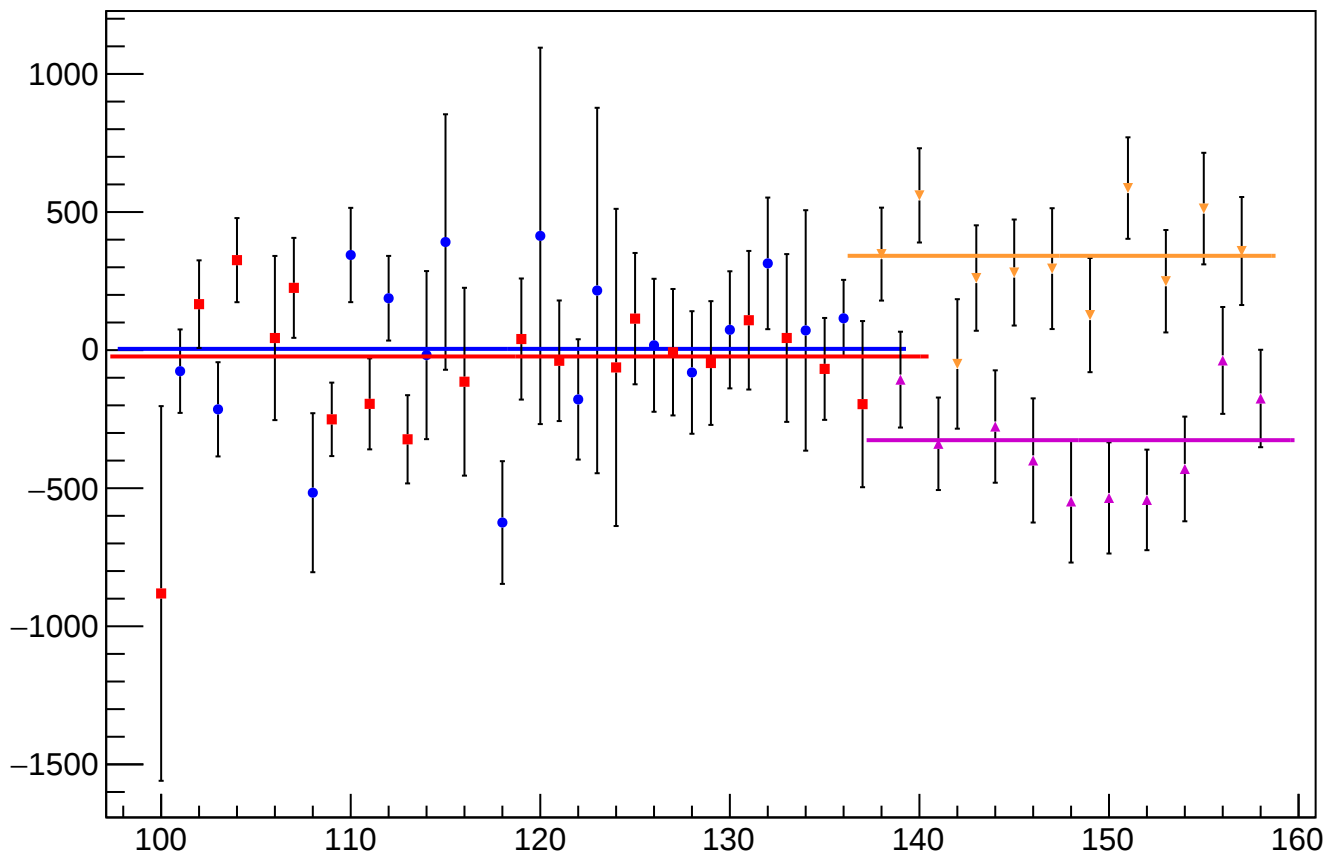
Left In: 956.662+/-0.238 χ^2/NDF : 205136.1/9

+ sign 856.847+/-0.164 χ^2/NDF : 2348652.6/27

All: 830.615+/-0.112 χ^2/NDF : 4959164.2/56

- sign 807.788+/-0.153 χ^2/NDF : 2562714.0/28

dit_asym_sam6_mean vs Slug



Right In: 4.533 ± 52.509 $\chi^2/\text{NDF}: 23.1/16$

Left Out: 341.509 ± 58.118 $\chi^2/\text{NDF}: 8.6/10$

Right Out: -22.985 ± 47.854 $\chi^2/\text{NDF}: 19.0/18$

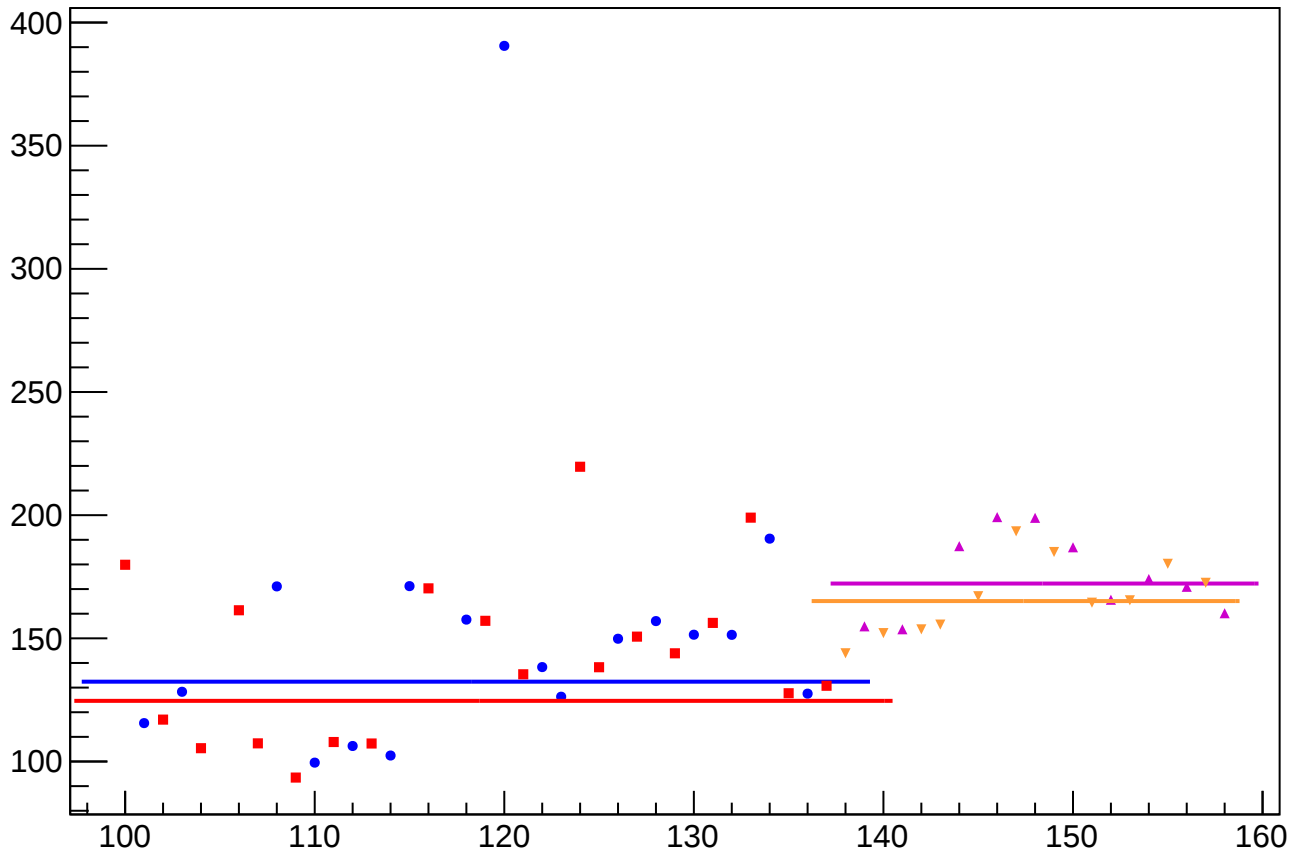
Left In: -326.093 ± 60.327 $\chi^2/\text{NDF}: 8.5/9$

+ sign 155.982 ± 38.962 $\chi^2/\text{NDF}: 50.2/27$

All: 2.272 ± 27.015 $\chi^2/\text{NDF}: 123.1/56$

- sign -140.050 ± 37.491 $\chi^2/\text{NDF}: 43.0/28$

dit_asym_sam6_rms vs Slug



Right In: 132.404 ± 0.037 χ^2/NDF : 643884.8/16

Left Out: 165.127 ± 0.041 χ^2/NDF : 119539.2/10

Right Out: 124.620 ± 0.034 χ^2/NDF : 592322.9/18

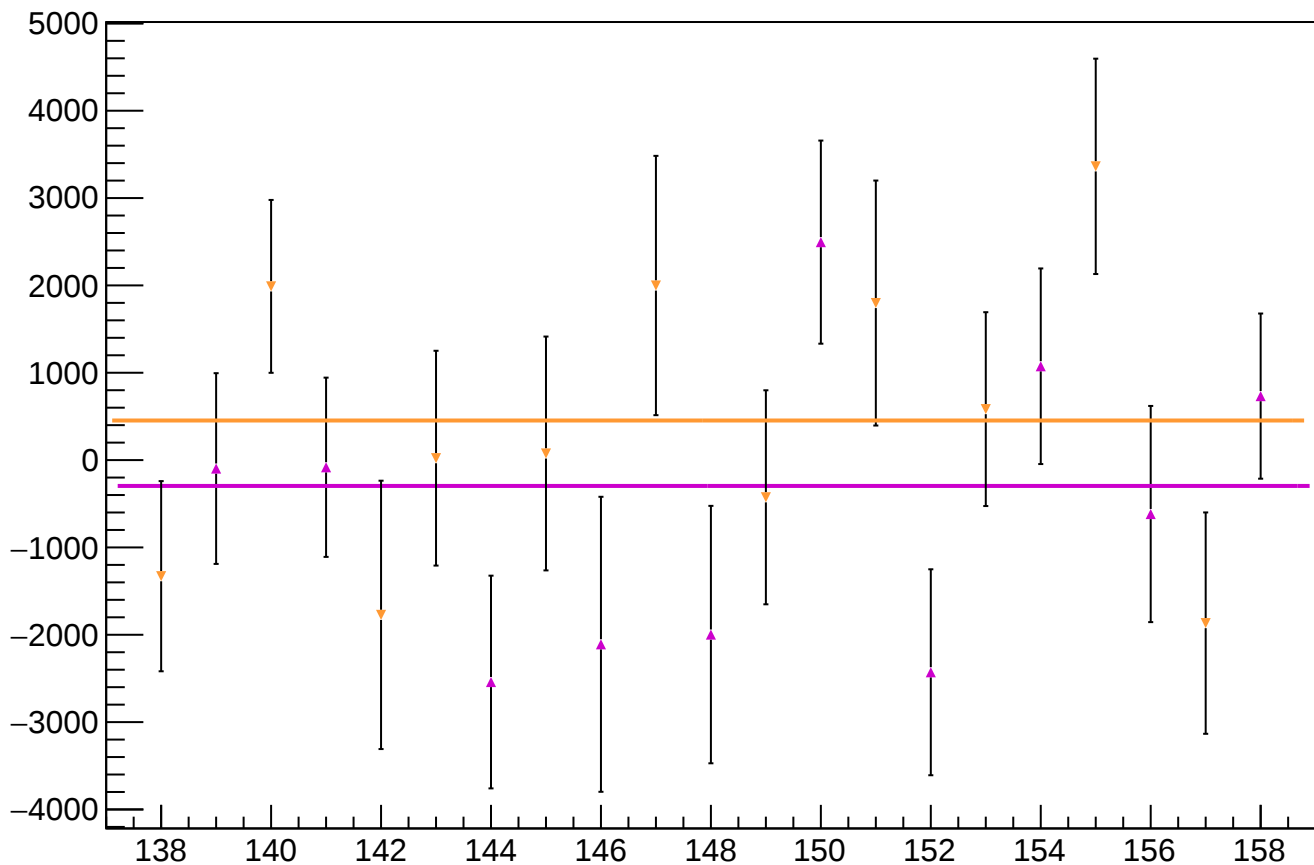
Left In: 172.244 ± 0.043 χ^2/NDF : 136523.5/9

+ sign 147.111 ± 0.028 χ^2/NDF : 1112486.7/27

All: 144.983 ± 0.019 χ^2/NDF : 2617835.0/56

- sign 143.013 ± 0.027 χ^2/NDF : 1493860.4/28

asym_sam6_correction_mean vs Slug



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

Left Out: 453.271+/-371.931 χ^2/NDF : 18.8/10

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

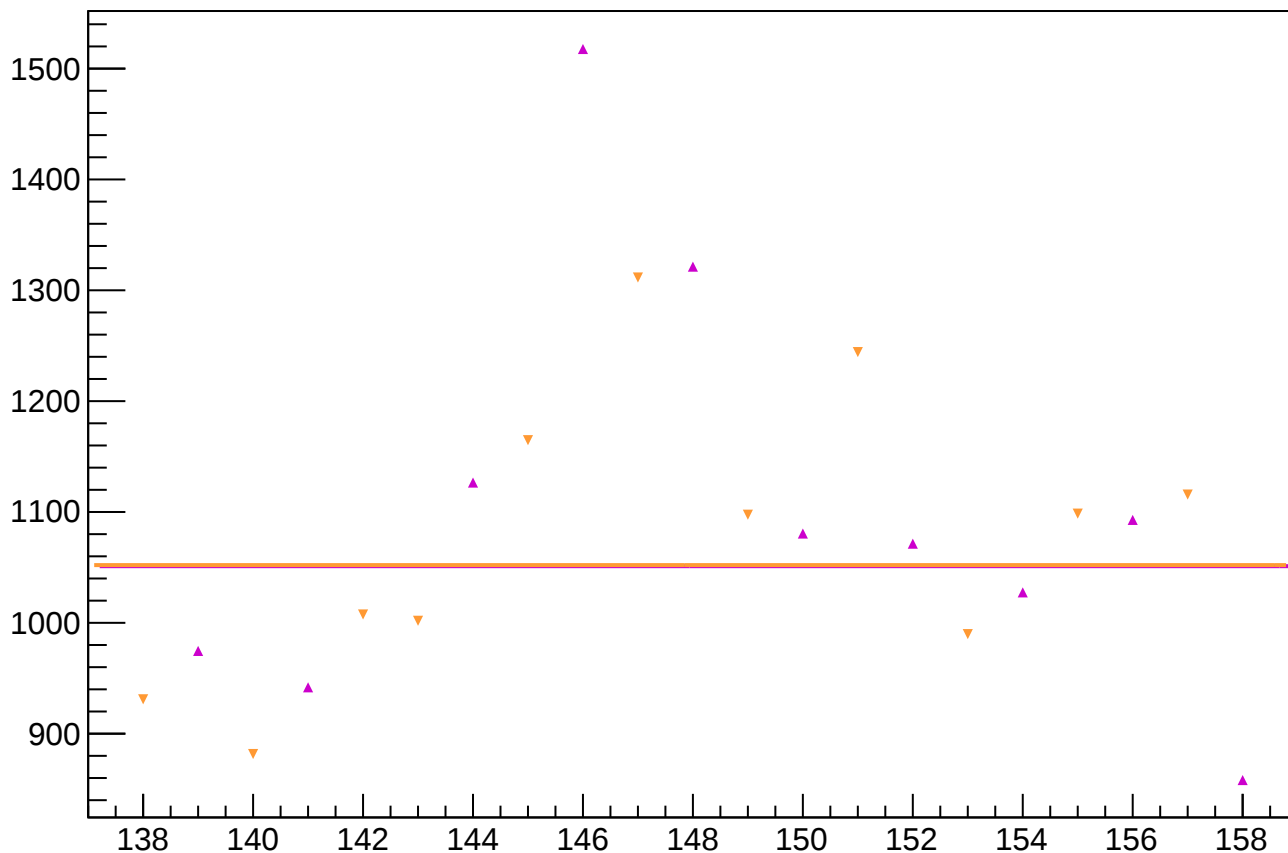
Left In: -295.936+/-370.077 χ^2/NDF : 17.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.796+/-262.337 χ^2/NDF : 38.6/20

- 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: 1052.078+/-0.263 χ^2/NDF : 218829.6/10

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

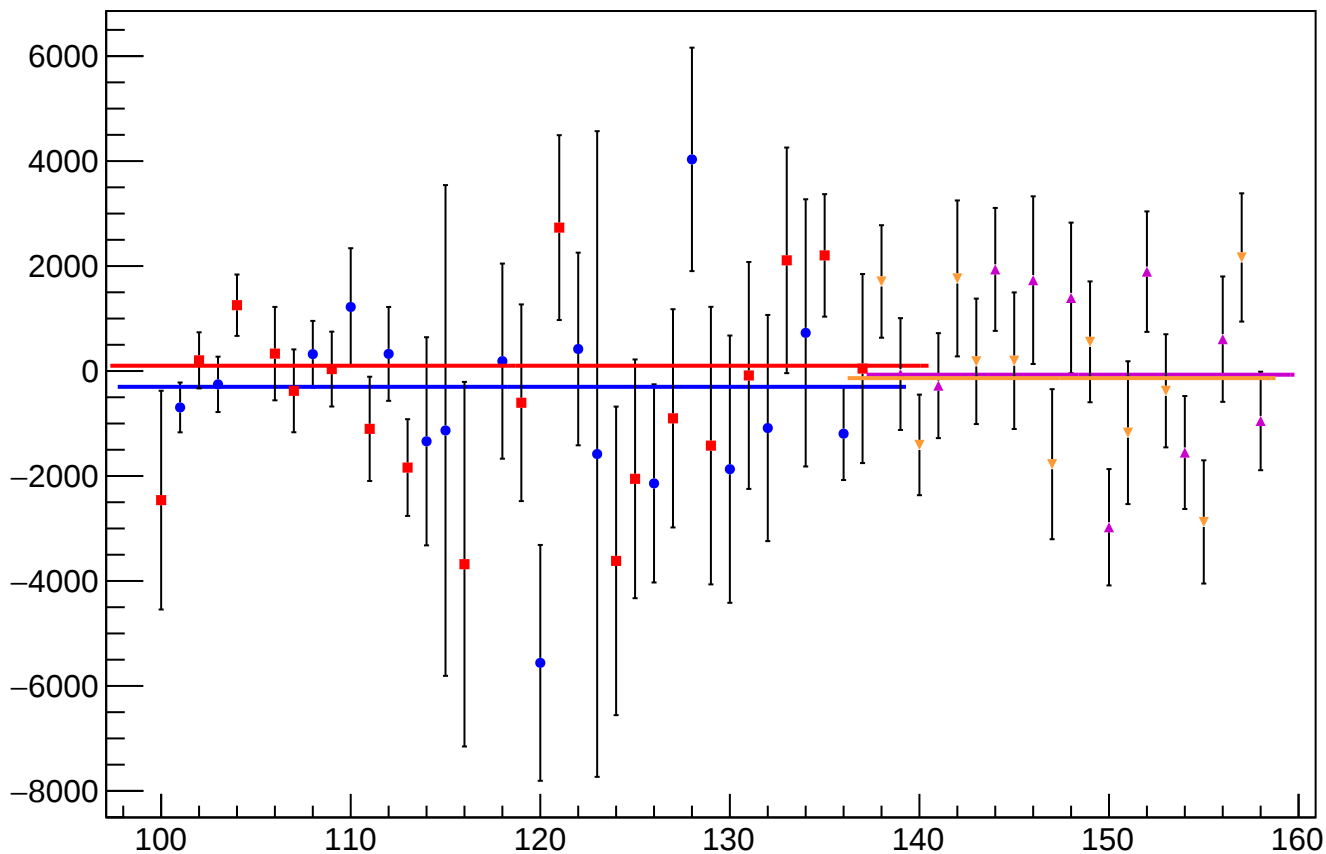
Left In: 1051.106+/-0.262 χ^2/NDF : 348390.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1051.590+/-0.186 χ^2/NDF : 567227.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -301.000 $\pm$ 250.042 χ^2/NDF : 16.8/16

Left Out: -135.178 $\pm$ 359.378 χ^2/NDF : 17.8/10

Right Out: 100.857 $\pm$ 245.981 χ^2/NDF : 22.5/18

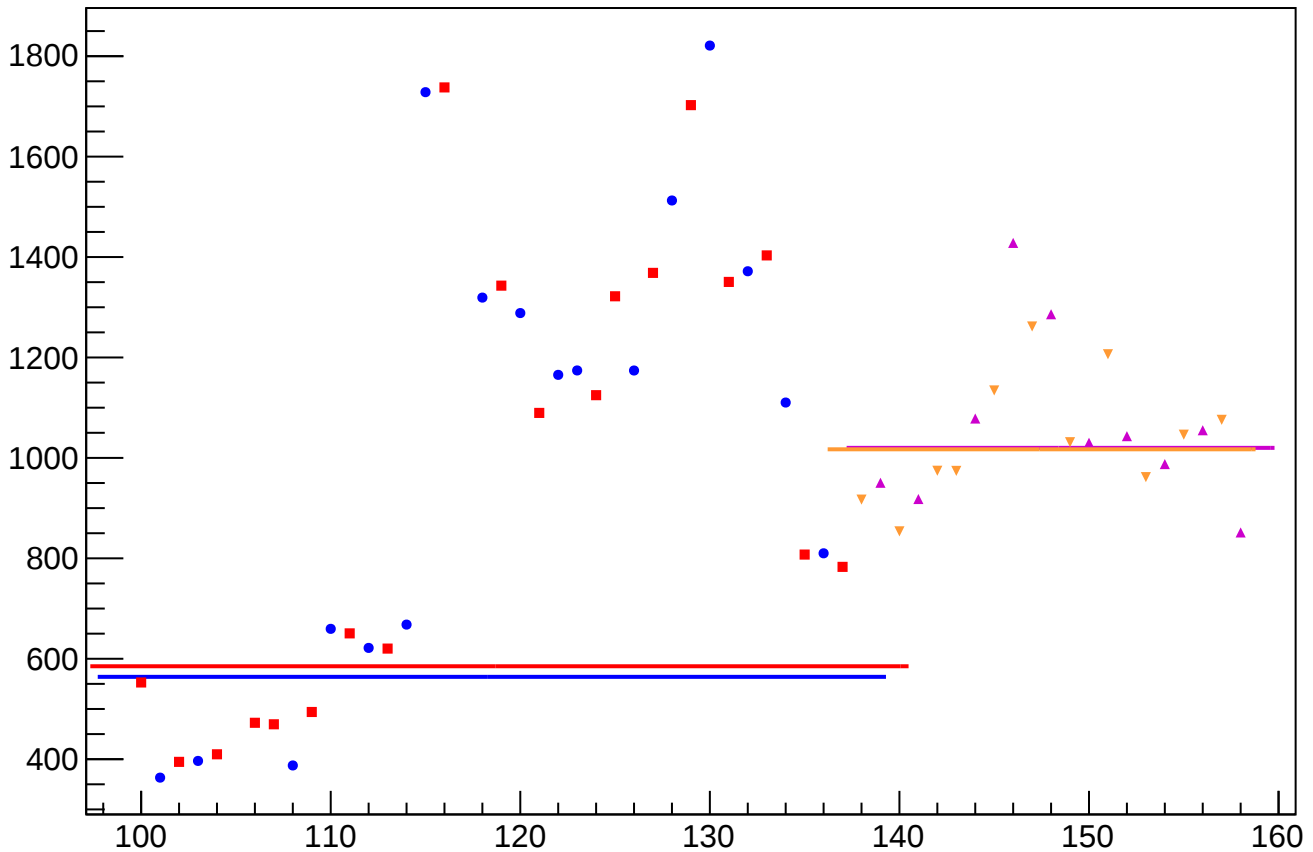
Left In: -70.185 $\pm$ 358.959 χ^2/NDF : 18.2/9

+ sign -246.911 $\pm$ 205.250 χ^2/NDF : 34.8/27

All: -98.674 $\pm$ 144.299 χ^2/NDF : 76.7/56

- sign 46.203 $\pm$ 202.910 χ^2/NDF : 40.9/28

asym_sam6_rms vs Slug



Right In: 564.003+/-0.177 χ^2/NDF : 3261491.3/16

Left Out: 1017.121+/-0.254 χ^2/NDF : 204778.5/10

+ sign 711.804+/-0.145 χ^2/NDF : 5608617.3/27

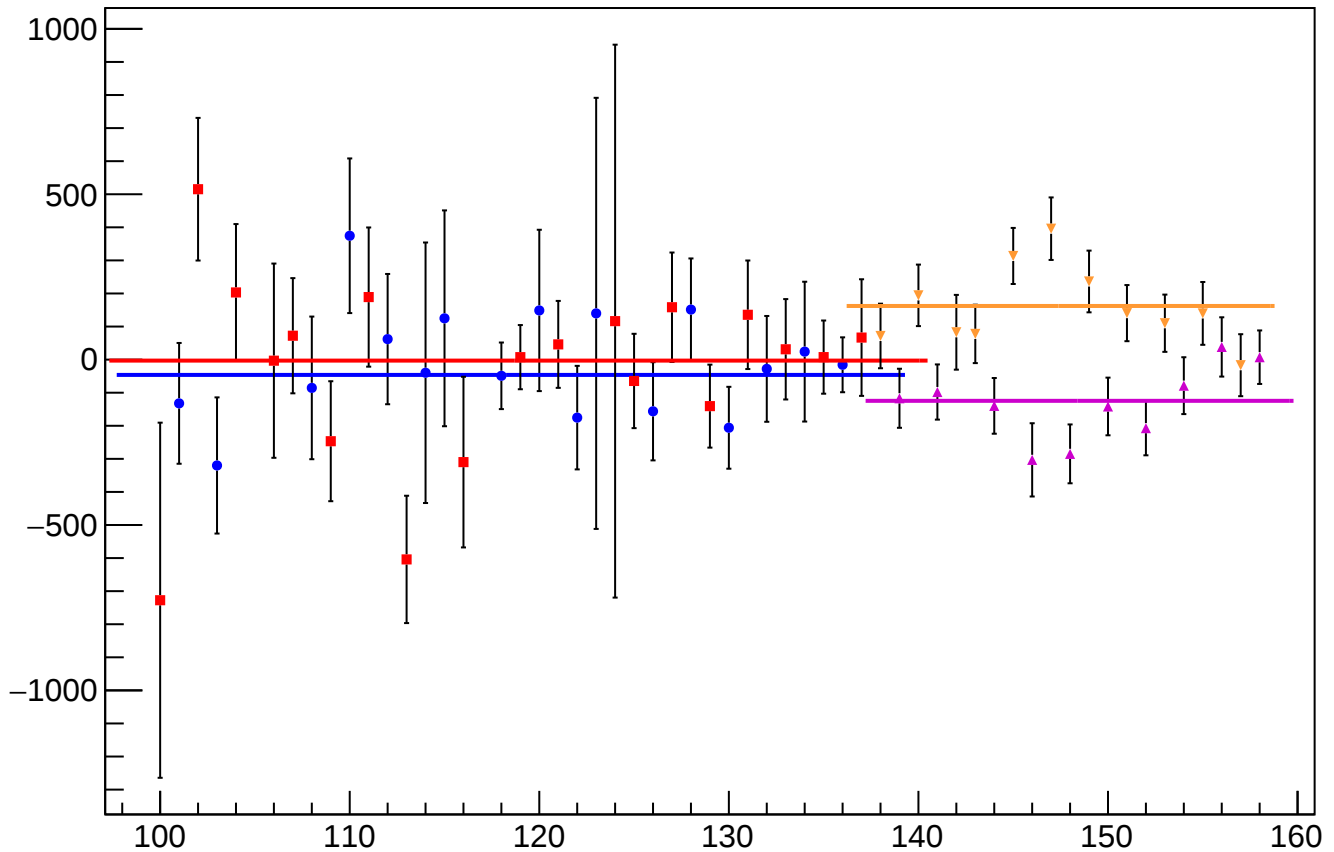
Right Out: 585.070+/-0.174 χ^2/NDF : 2820837.8/18

All: 717.996+/-0.102 χ^2/NDF : 10733730.9/50

Left In: 1020.010+/-0.254 χ^2/NDF : 302623.7/9

- sign 724.049+/-0.143 χ^2/NDF : 5121513.9/28

dit_asym_sam7_mean vs Slug



Right In: -46.211 ± 39.137 χ^2/NDF : 11.3/16

Left Out: 162.226 ± 27.840 χ^2/NDF : 16.4/10

Right Out: -2.942 ± 37.872 χ^2/NDF : 26.0/18

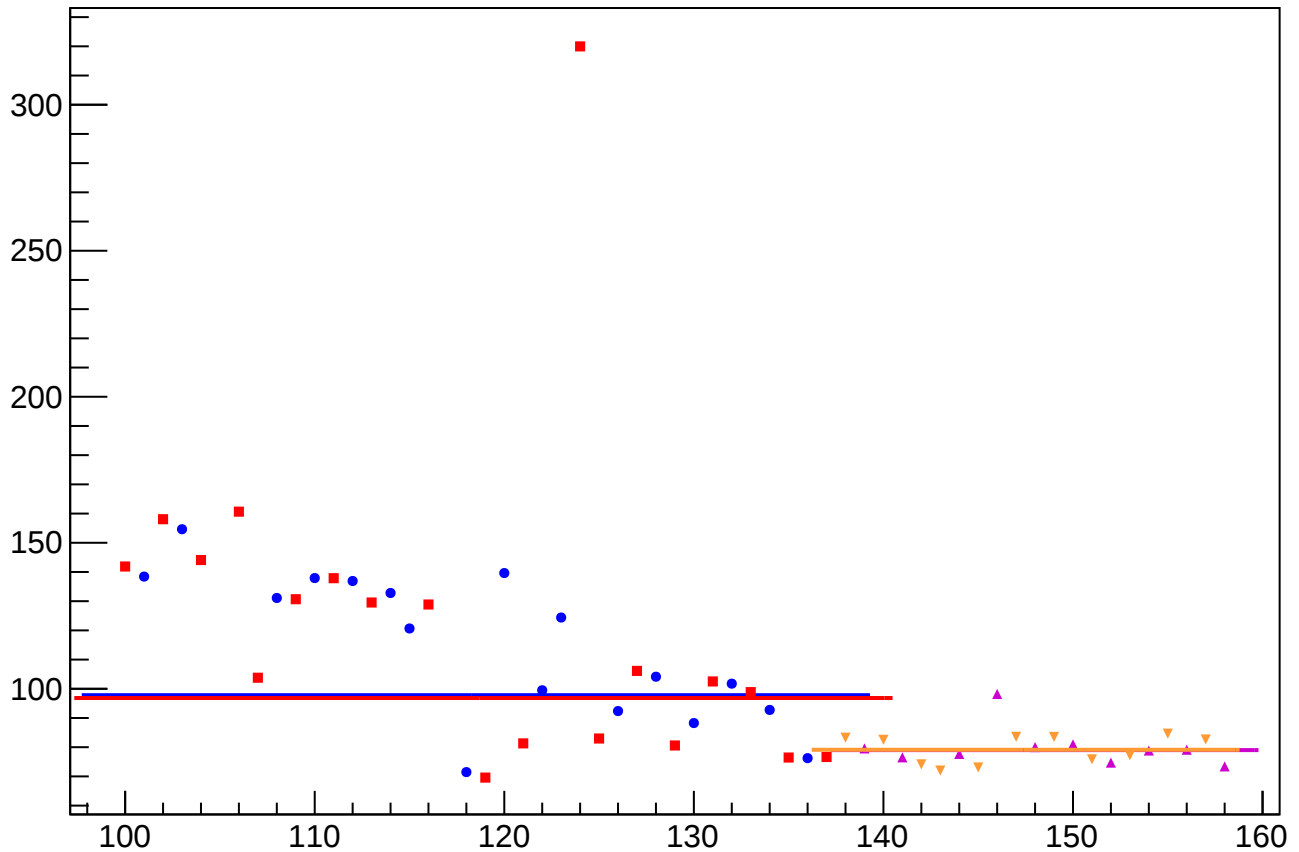
Left In: -124.577 ± 27.625 χ^2/NDF : 13.3/9

+ sign 92.192 ± 22.686 χ^2/NDF : 46.6/27

All: 3.502 ± 15.910 χ^2/NDF : 122.7/56

- sign -82.336 ± 22.318 χ^2/NDF : 46.0/28

dit_asym_sam7_rms vs Slug



Right In: 97.807 $\pm$ 0.028 χ^2 /NDF: 816964.4/16

Left Out: 79.115 $\pm$ 0.020 χ^2 /NDF: 55743.4/10

Right Out: 96.842 $\pm$ 0.027 χ^2 /NDF: 1095471.1/18

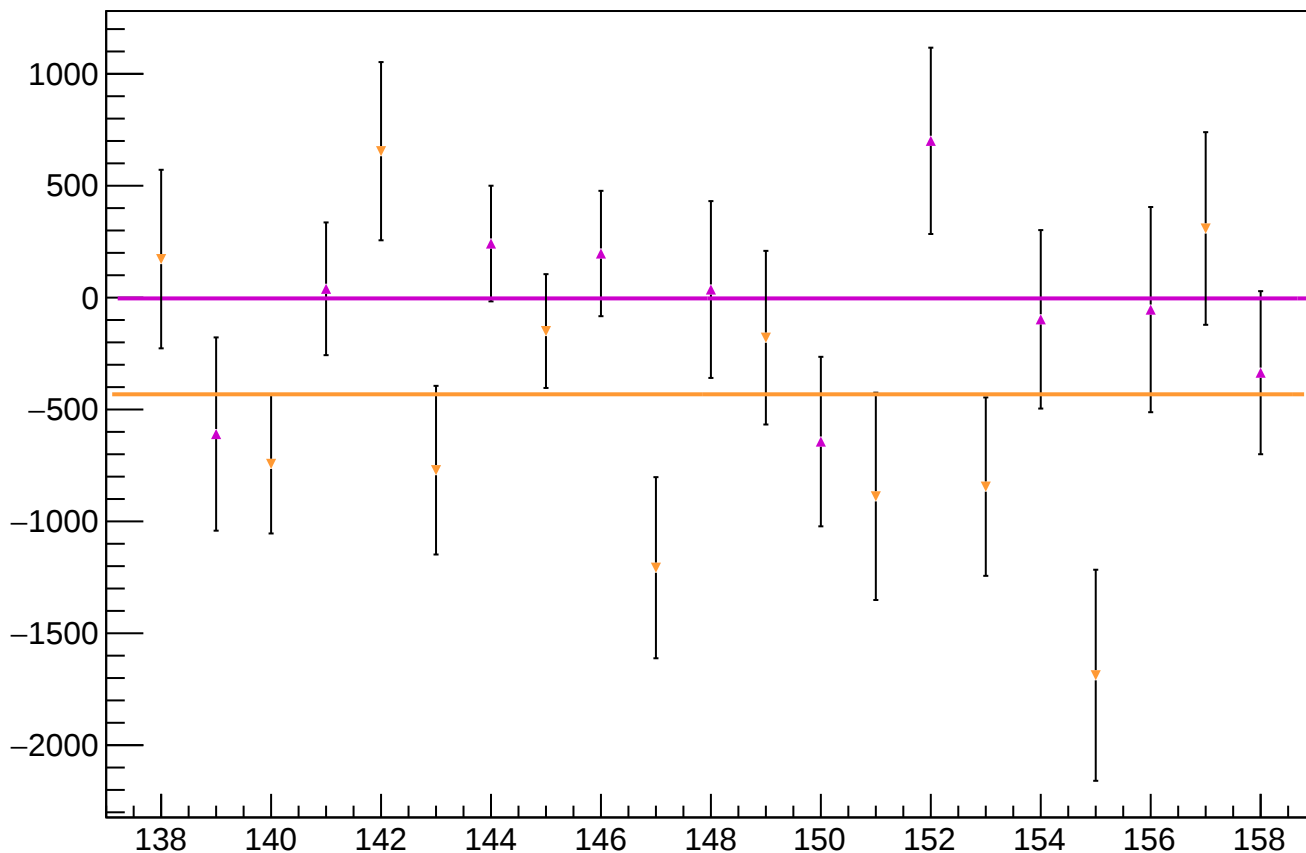
Left In: 79.005 $\pm$ 0.020 χ^2 /NDF: 78874.0/9

+ sign 85.396 $\pm$ 0.016 χ^2 /NDF: 1175624.2/27

All: 85.296 $\pm$ 0.011 χ^2 /NDF: 2639620.0/56

- sign 85.199 $\pm$ 0.016 χ^2 /NDF: 1463919.5/28

asym_sam7_correction_mean vs Slug



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

Left Out: -432.048+/-112.494 χ^2/NDF : 29.0/10

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

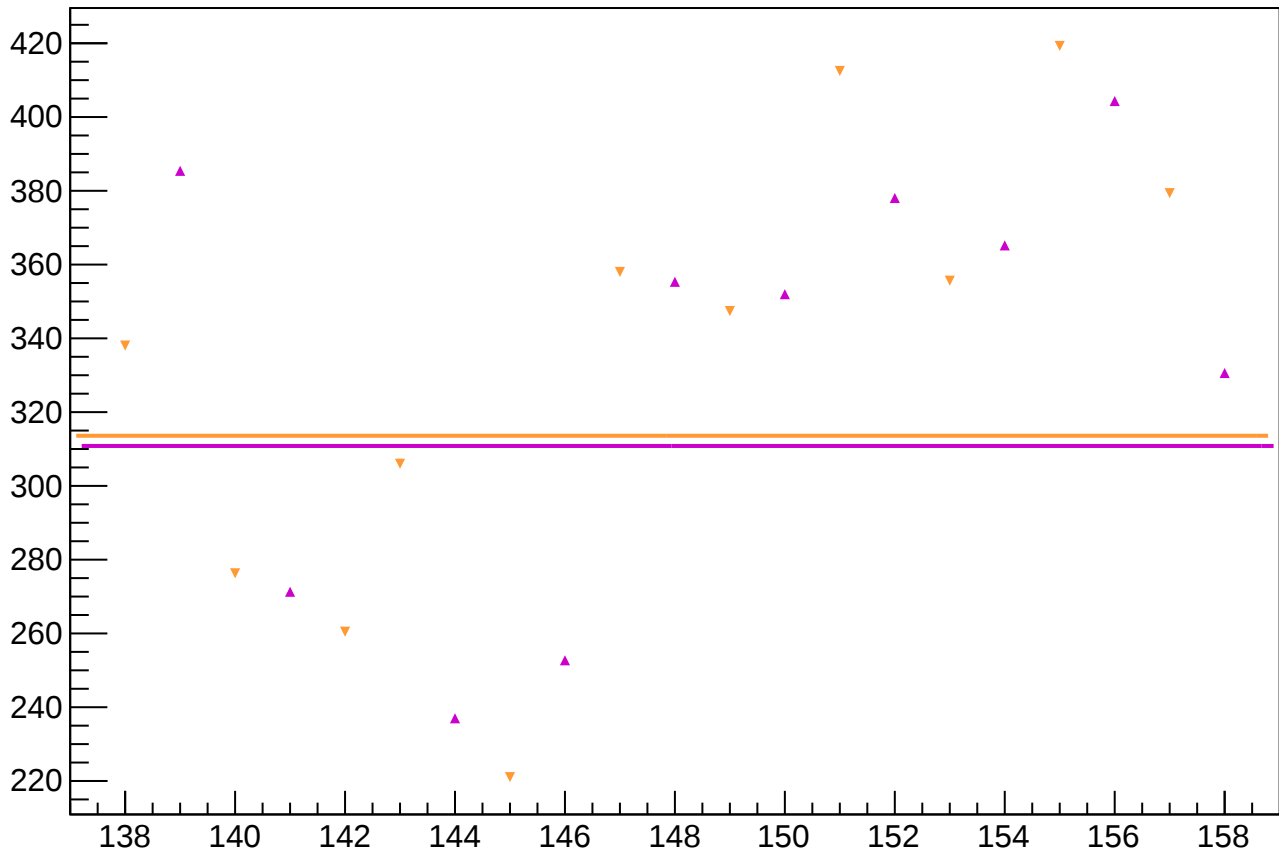
Left In: -3.546+/-110.310 χ^2/NDF : 10.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.597+/-78.762 χ^2/NDF : 46.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug



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

Left Out: 313.595+/-0.080 χ^2/NDF : 637325.9/10

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

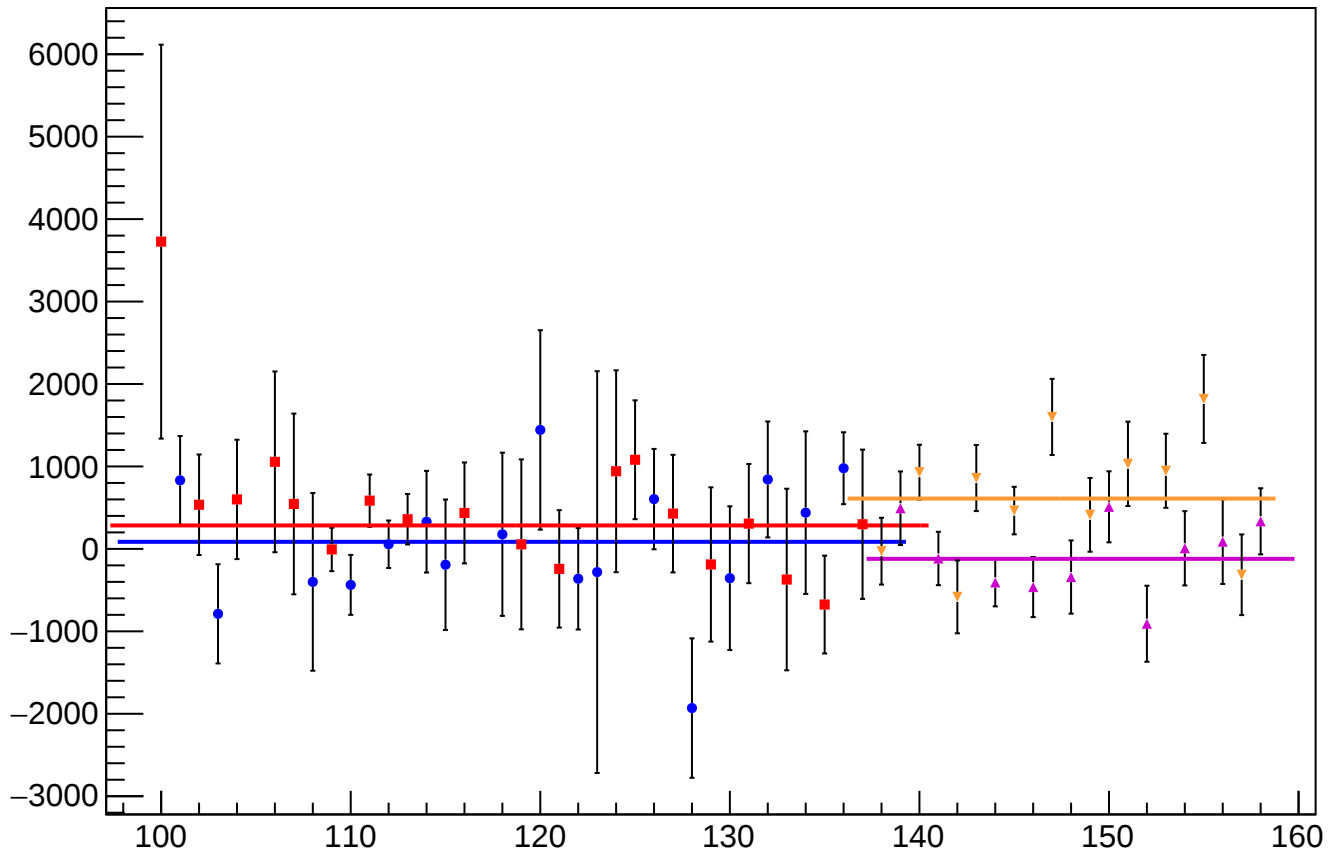
Left In: 310.825+/-0.078 χ^2/NDF : 571948.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.183+/-0.056 χ^2/NDF : 1209893.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: 85.810+/-142.601 χ^2/NDF : 20.6/16

Left Out: 610.515+/-124.382 χ^2/NDF : 26.1/10

Right Out: 284.456+/-129.599 χ^2/NDF : 10.6/18

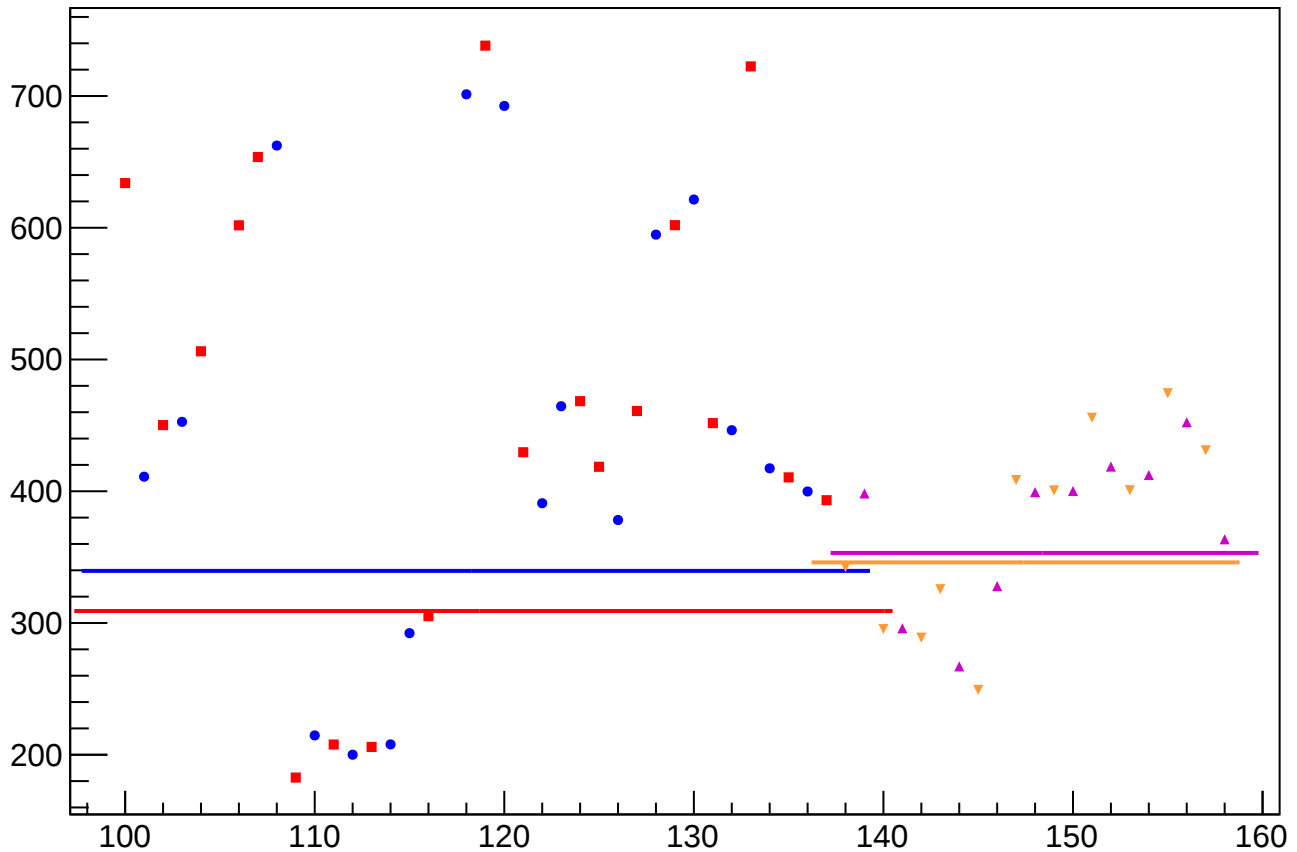
Left In: -120.686+/-124.947 χ^2/NDF : 10.6/9

+ sign 383.802+/-93.735 χ^2/NDF : 54.3/27

All: 222.773+/-64.901 χ^2/NDF : 86.2/56

- sign 74.484+/-89.951 χ^2/NDF : 26.3/28

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF : 2042244.1/16

Left Out: 346.009+/-0.088 χ^2/NDF : 674835.2/10

Right Out: 309.105+/-0.092 χ^2/NDF : 2730308.7/18

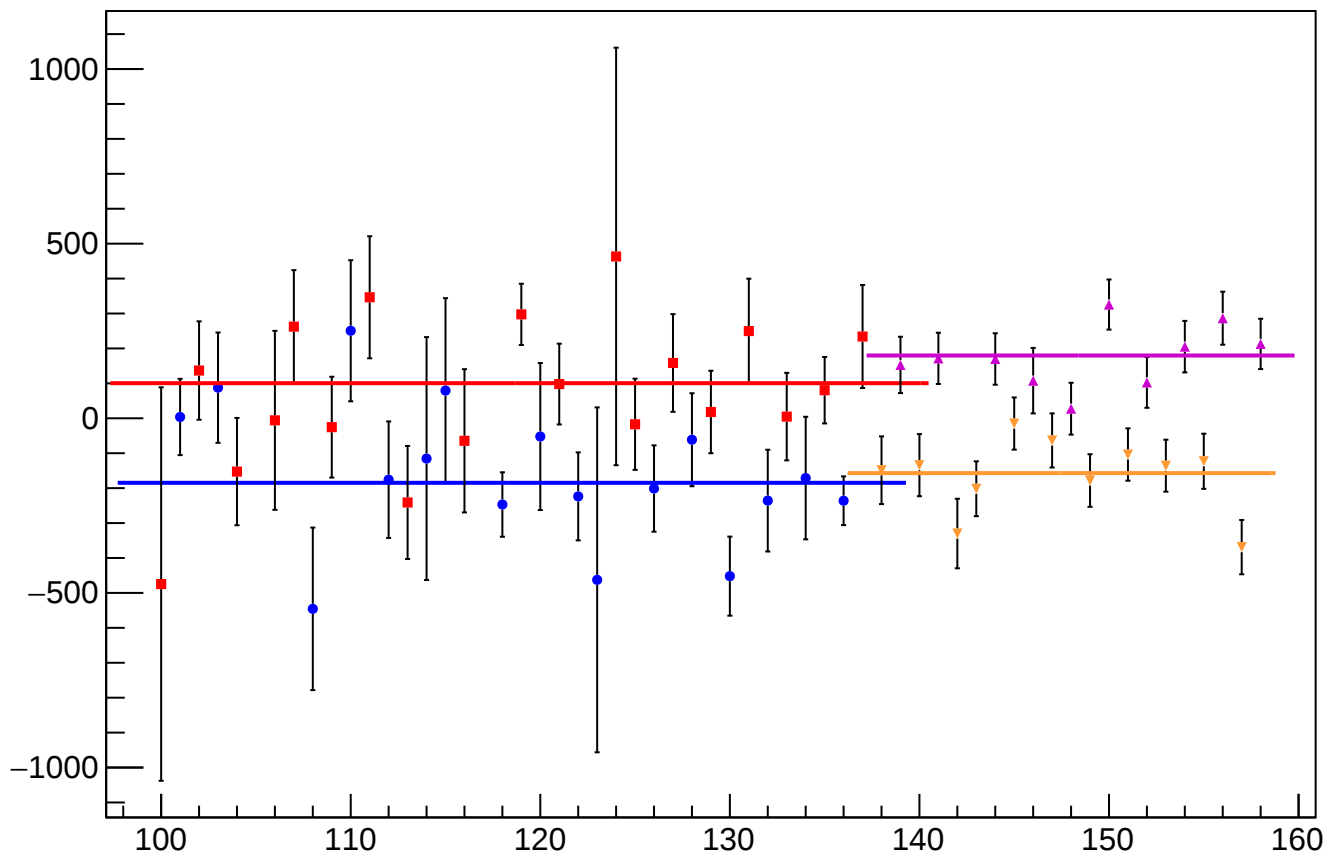
Left In: 353.189+/-0.088 χ^2/NDF : 464438.8/9

+ sign 343.219+/-0.066 χ^2/NDF : 2719407.7/27

All: 337.354+/-0.046 χ^2/NDF : 6049133.9/56

- sign 331.953+/-0.064 χ^2/NDF : 3314683.6/28

dit_asym_sam8_mean vs Slug



Right In: -184.736 ± 33.009 χ^2/NDF : 22.4/16

Left Out: -156.970 ± 24.237 χ^2/NDF : 16.8/10

Right Out: 100.491 ± 32.512 χ^2/NDF : 22.2/18

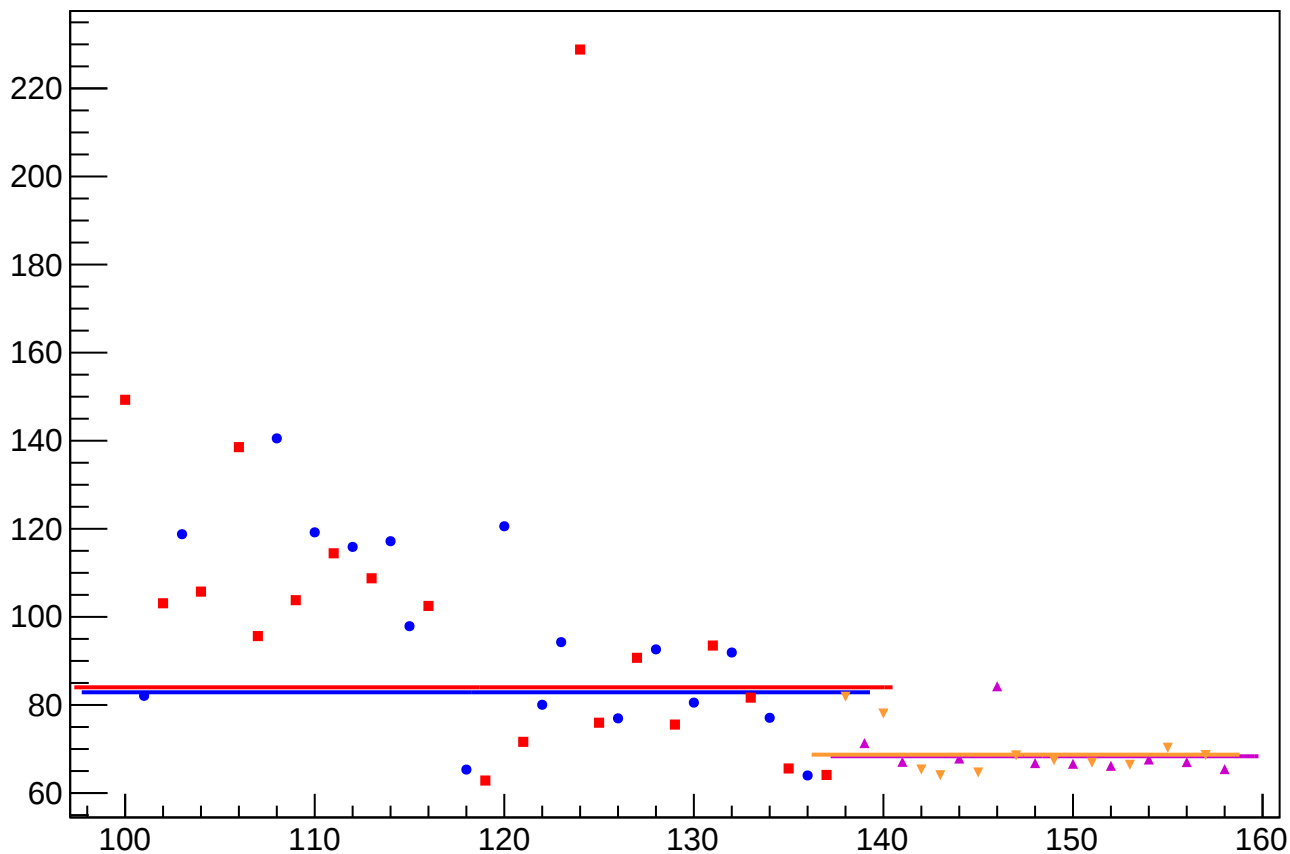
Left In: 179.792 ± 23.882 χ^2/NDF : 12.5/9

+ sign -166.696 ± 19.536 χ^2/NDF : 39.6/27

All: -4.976 ± 13.711 χ^2/NDF : 213.2/56

- sign 151.998 ± 19.247 χ^2/NDF : 38.6/28

dit_asym_sam8_rms vs Slug



Right In: 82.880 $\pm$ 0.023 χ^2 /NDF: 706417.7/16

Left Out: 68.719 $\pm$ 0.017 χ^2 /NDF: 78656.9/10

Right Out: 84.013 $\pm$ 0.023 χ^2 /NDF: 765400.6/18

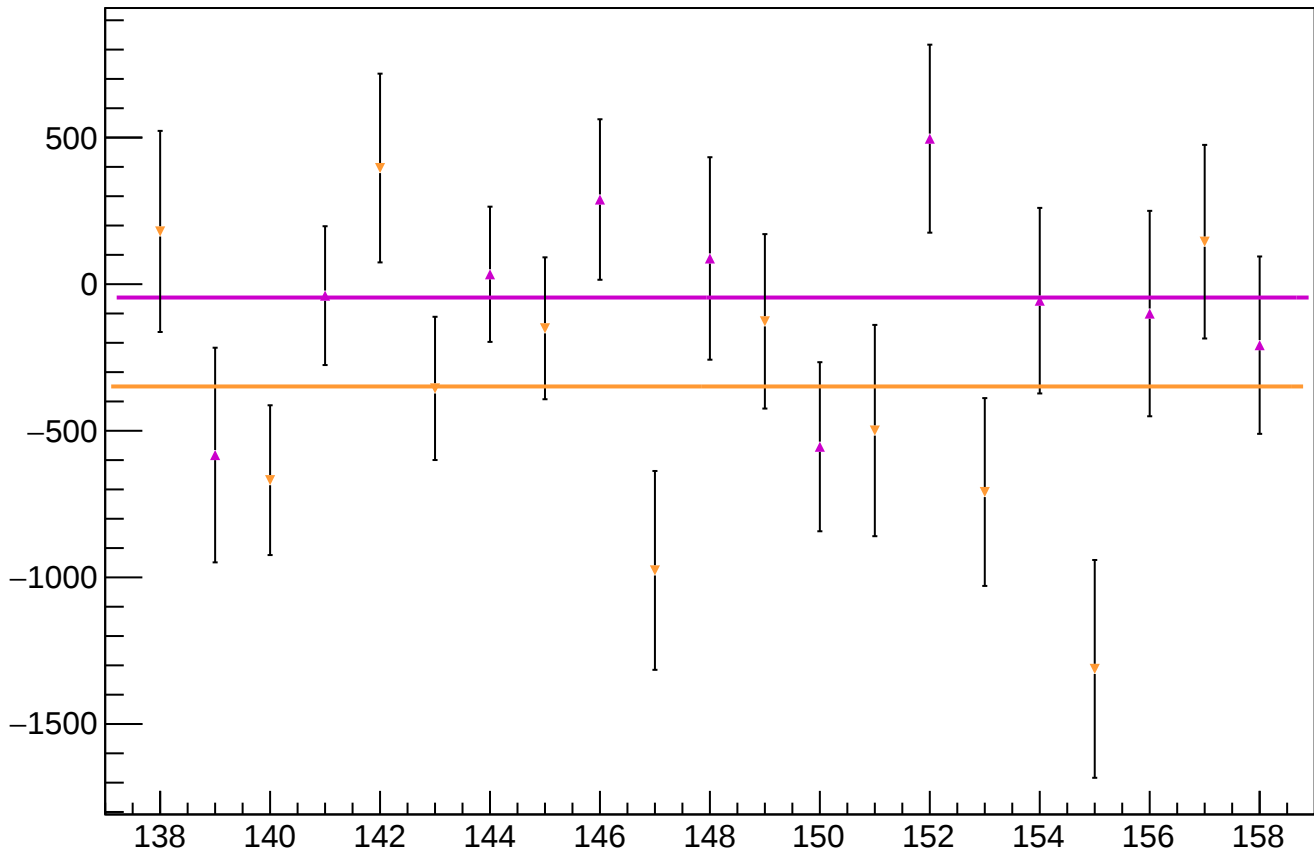
Left In: 68.352 $\pm$ 0.017 χ^2 /NDF: 68792.0/9

+ sign 73.680 $\pm$ 0.014 χ^2 /NDF: 1024226.3/27

All: 73.761 $\pm$ 0.010 χ^2 /NDF: 2159909.0/56

- sign 73.841 $\pm$ 0.014 χ^2 /NDF: 1135613.5/28

asym_sam8_correction_mean vs Slug



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

Left Out: -348.848+/-90.833 χ^2/NDF : 24.4/10

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

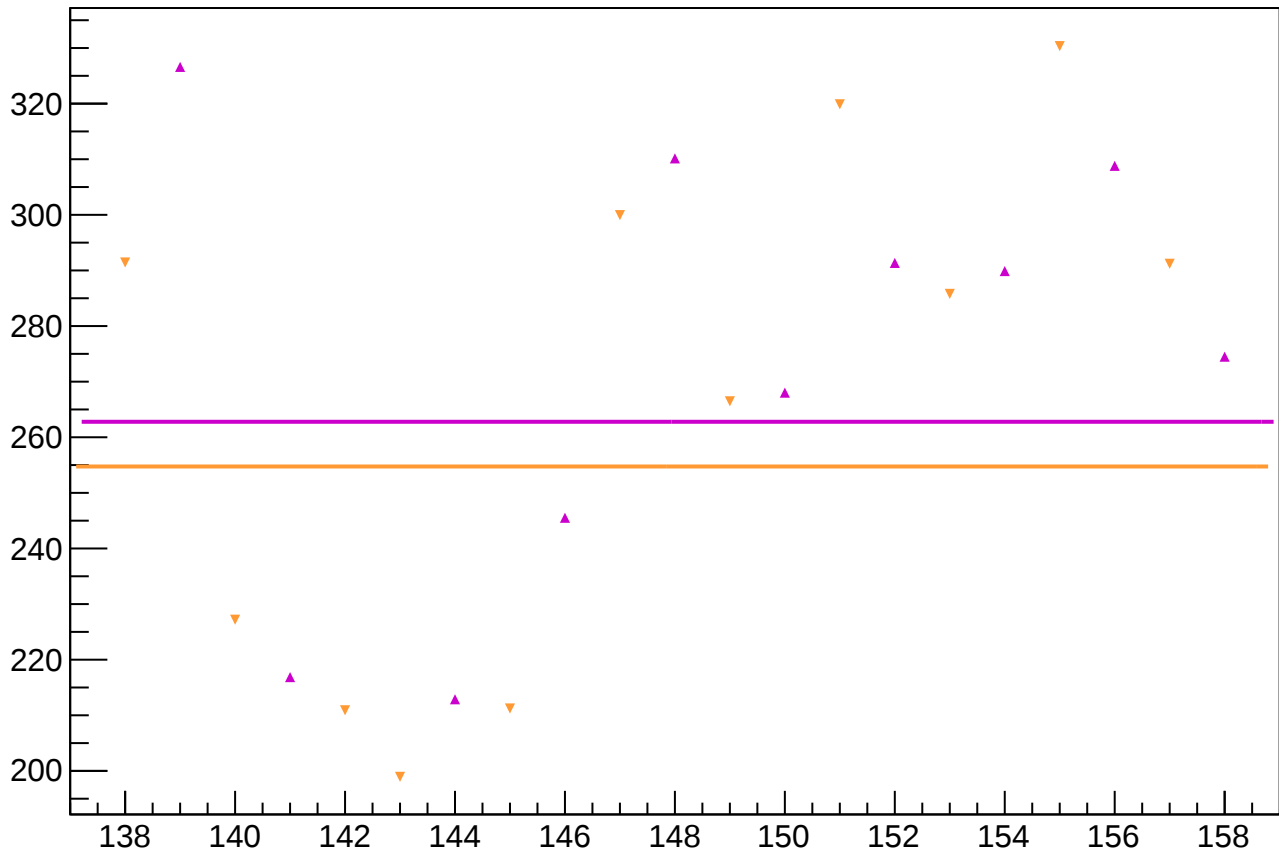
Left In: -45.563+/-92.574 χ^2/NDF : 10.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.085+/-64.835 χ^2/NDF : 40.0/20

- 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: 254.744+/-0.064 χ^2/NDF : 482457.3/10

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

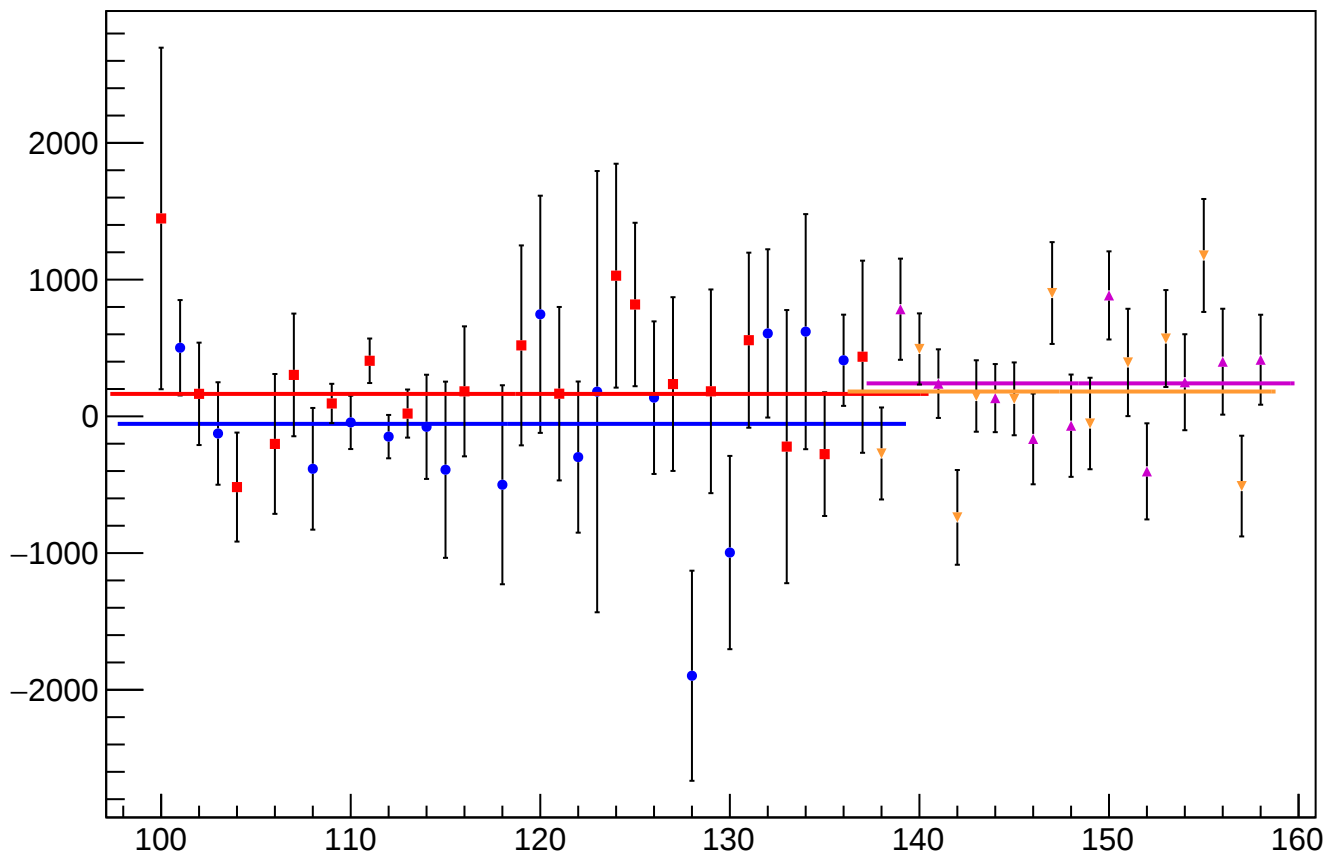
Left In: 262.785+/-0.065 χ^2/NDF : 344095.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.688+/-0.046 χ^2/NDF : 834241.0/20

- 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: 181.600 ± 97.821 $\chi^2/\text{NDF}: 25.4/10$

Right Out: 164.141 ± 76.903 $\chi^2/\text{NDF}: 11.9/18$

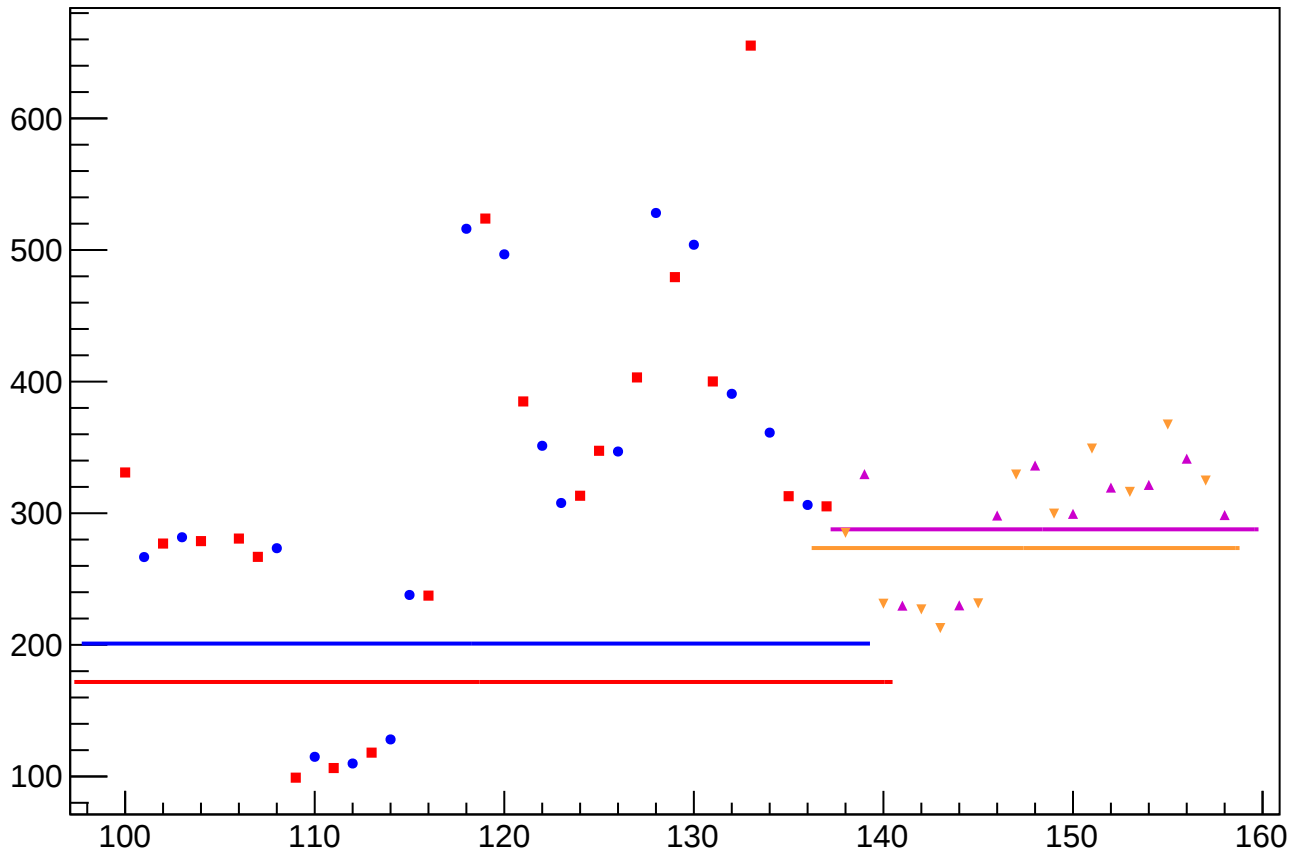
Left In: 241.204 ± 101.397 $\chi^2/\text{NDF}: 12.3/9$

+ sign 53.964 ± 66.373 $\chi^2/\text{NDF}: 45.1/27$

All: 128.641 ± 45.022 $\chi^2/\text{NDF}: 72.0/56$

- sign 192.282 ± 61.273 $\chi^2/\text{NDF}: 24.6/28$

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 273.556+/-0.069 χ^2/NDF : 551842.6/10

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

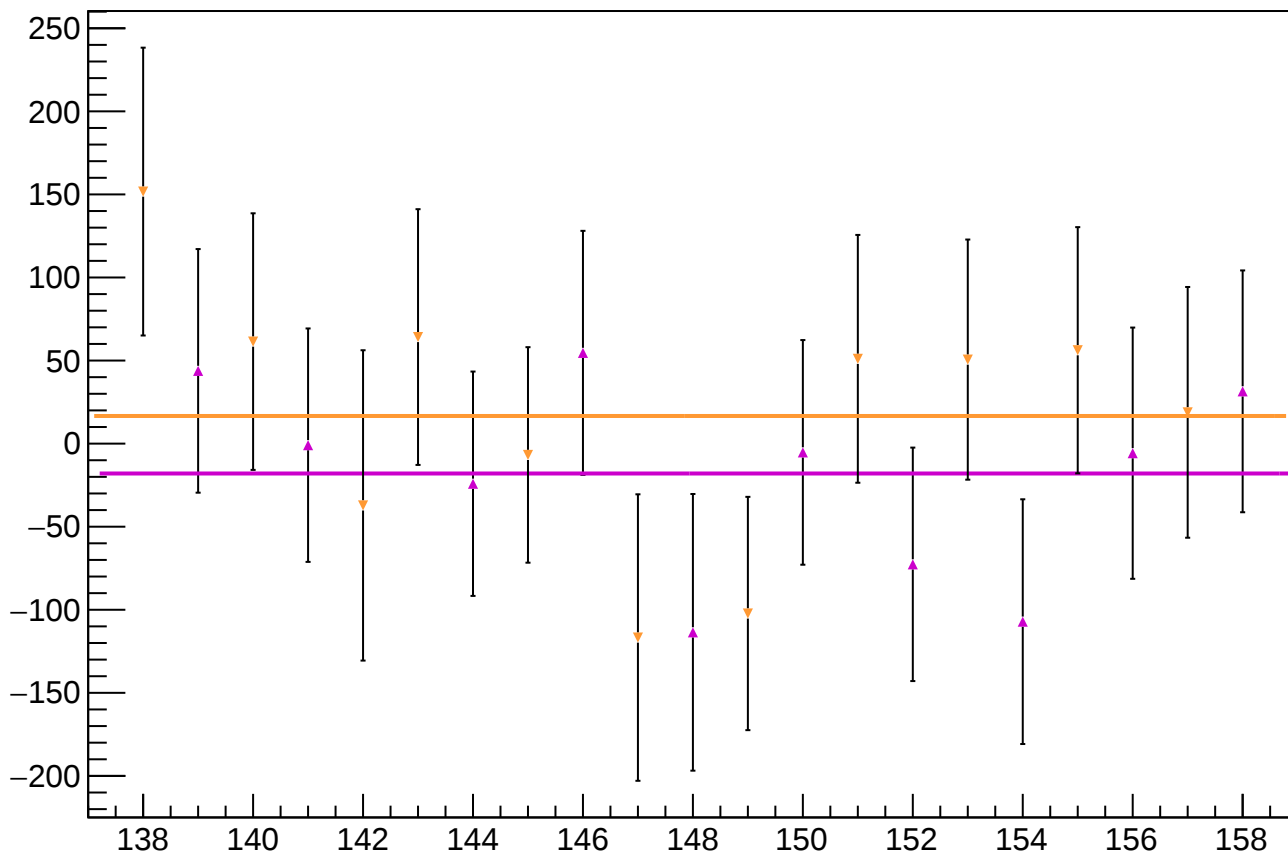
Left In: 287.772+/-0.072 χ^2/NDF : 353538.7/9

+ sign 234.388+/-0.047 χ^2/NDF : 4582219.5/27

All: 223.459+/-0.032 χ^2/NDF : 10789903.5/50

- sign 214.146+/-0.043 χ^2/NDF : 6107248.9/28

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 16.639+/-23.011 χ^2/NDF : 9.6/10

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

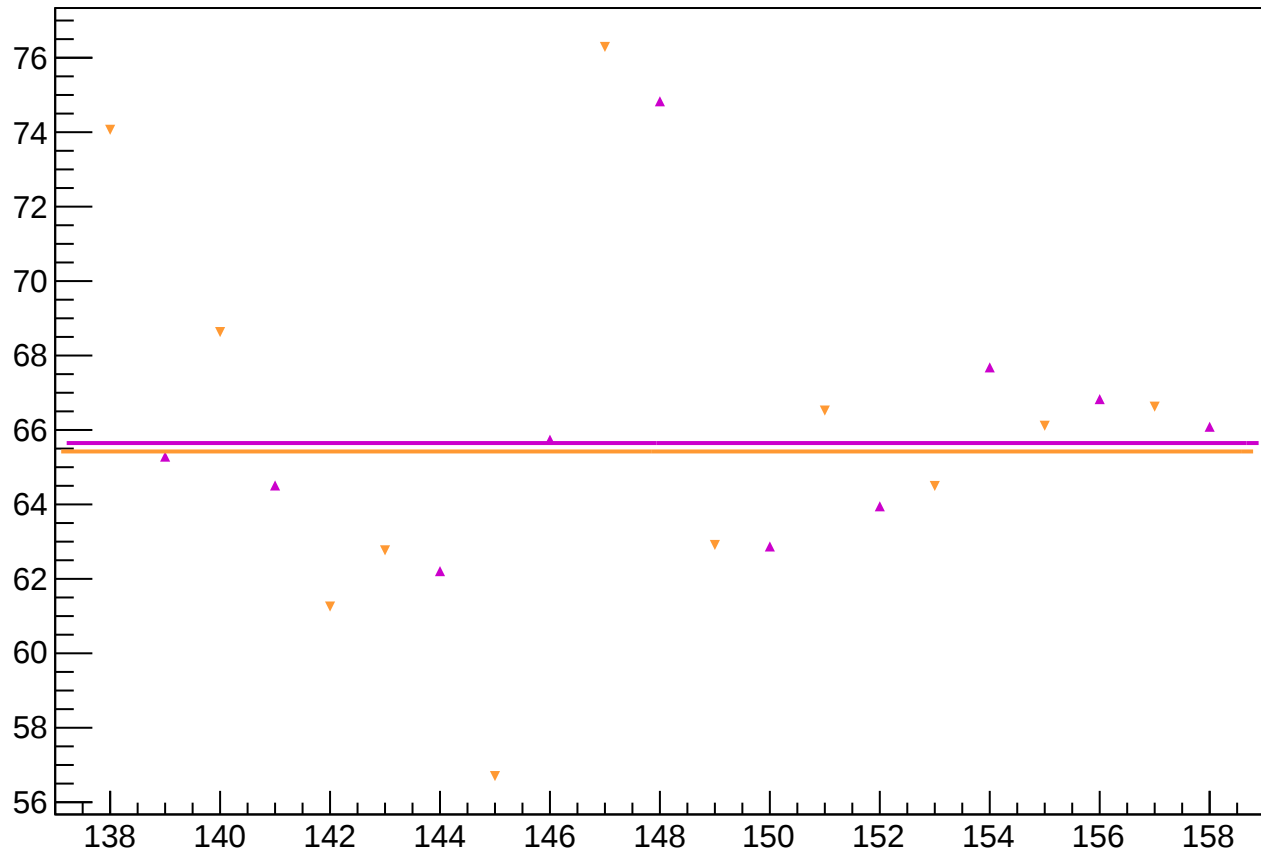
Left In: -17.978+/-22.899 χ^2/NDF : 5.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.754+/-16.232 χ^2/NDF : 16.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.423+/-0.016 χ^2/NDF : 101658.9/10

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

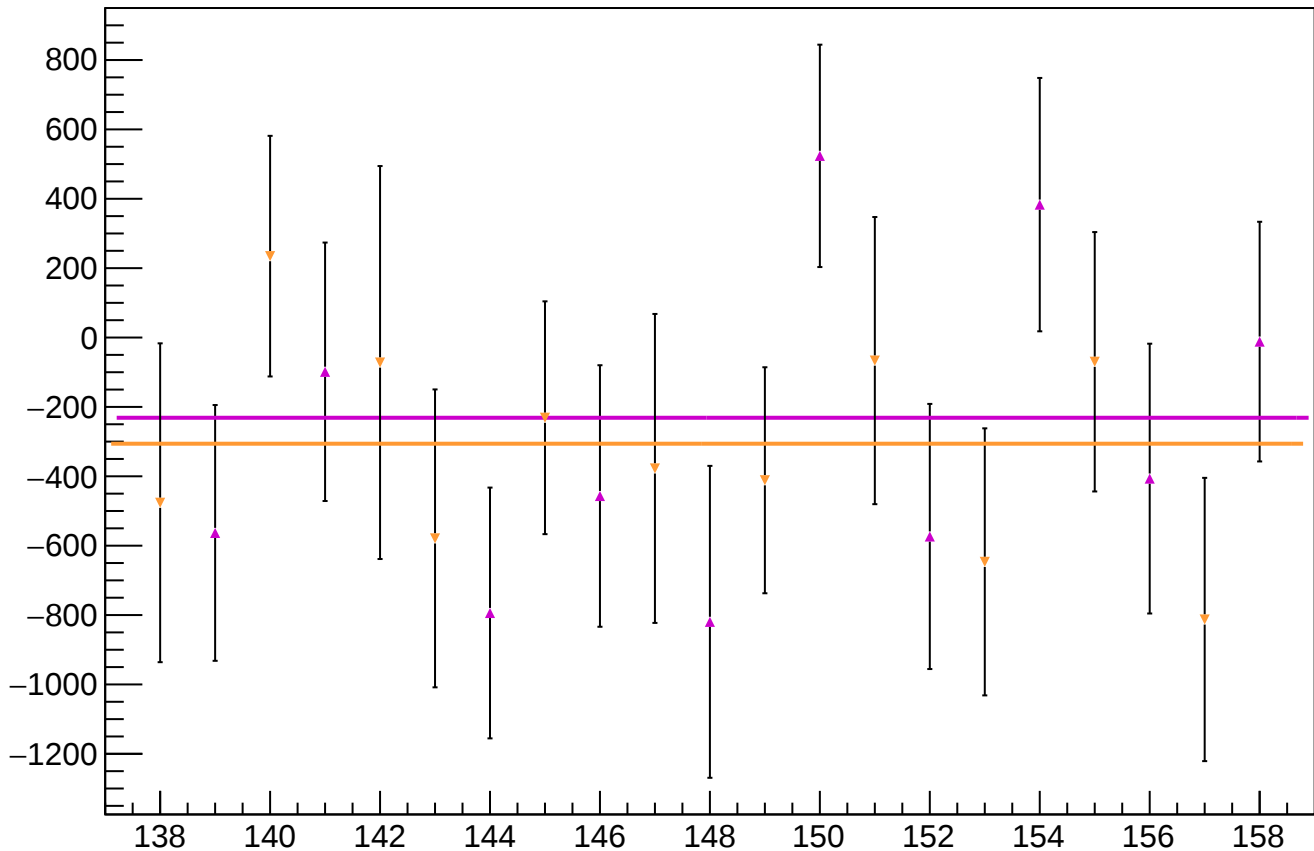
Left In: 65.649+/-0.016 χ^2/NDF : 36722.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.536+/-0.011 χ^2/NDF : 138478.0/20

- 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: -306.055+/-118.949 χ^2/NDF : 6.4/10

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

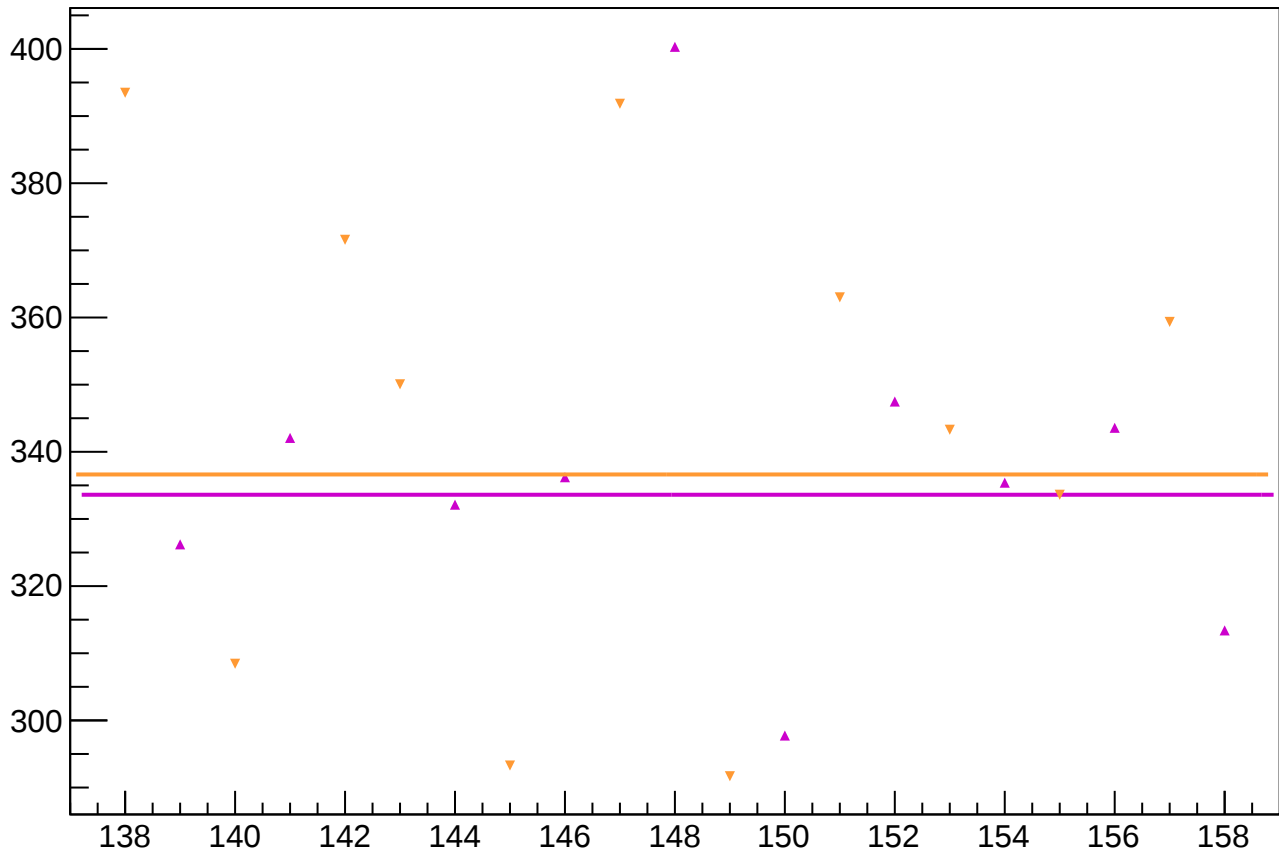
Left In: -231.261+/-116.823 χ^2/NDF : 15.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.984+/-83.348 χ^2/NDF : 21.8/20

- 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: 336.627+/-0.084 χ^2/NDF : 170605.5/10

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

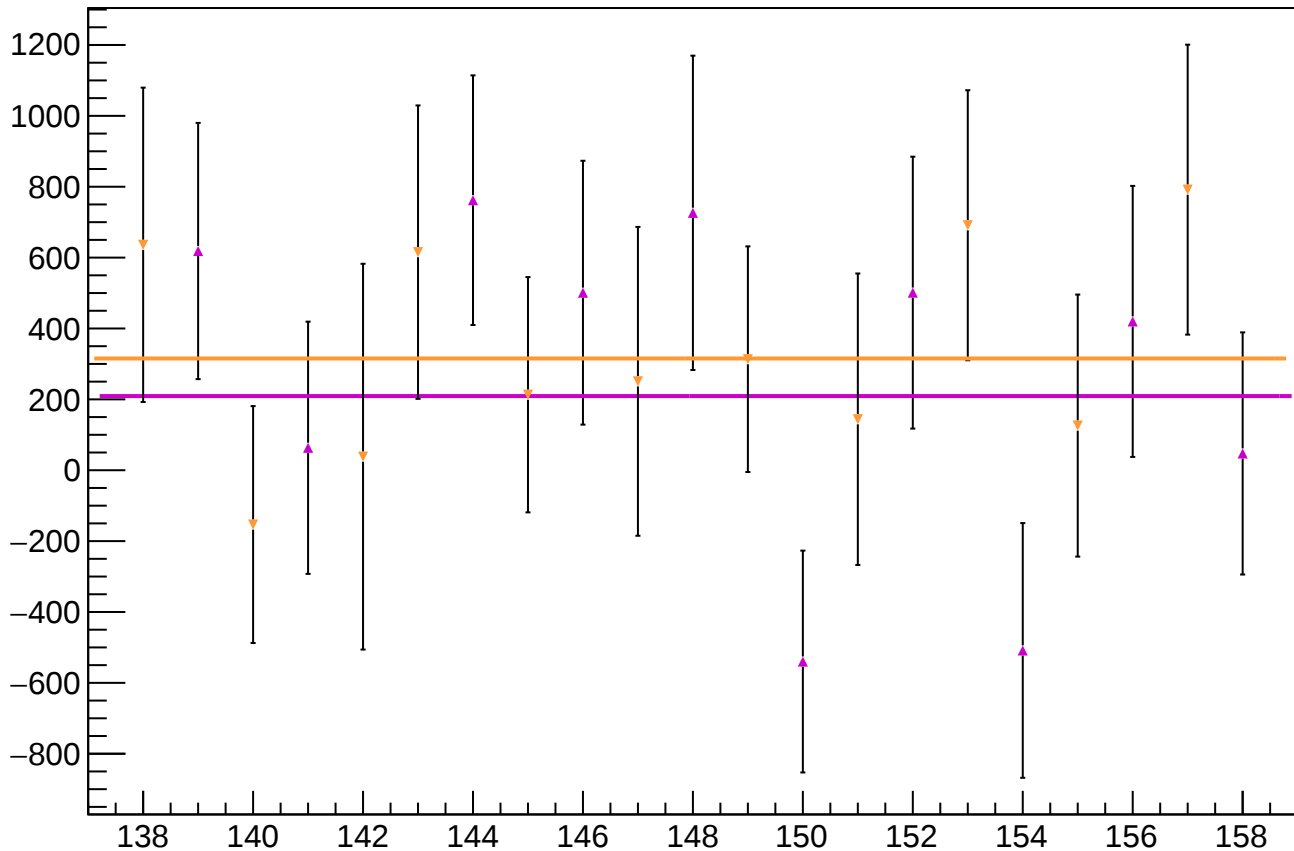
Left In: 333.606+/-0.083 χ^2/NDF : 81876.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.089+/-0.059 χ^2/NDF : 253138.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



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

Left Out: 315.350+/-116.610 χ^2/NDF : 6.2/10

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

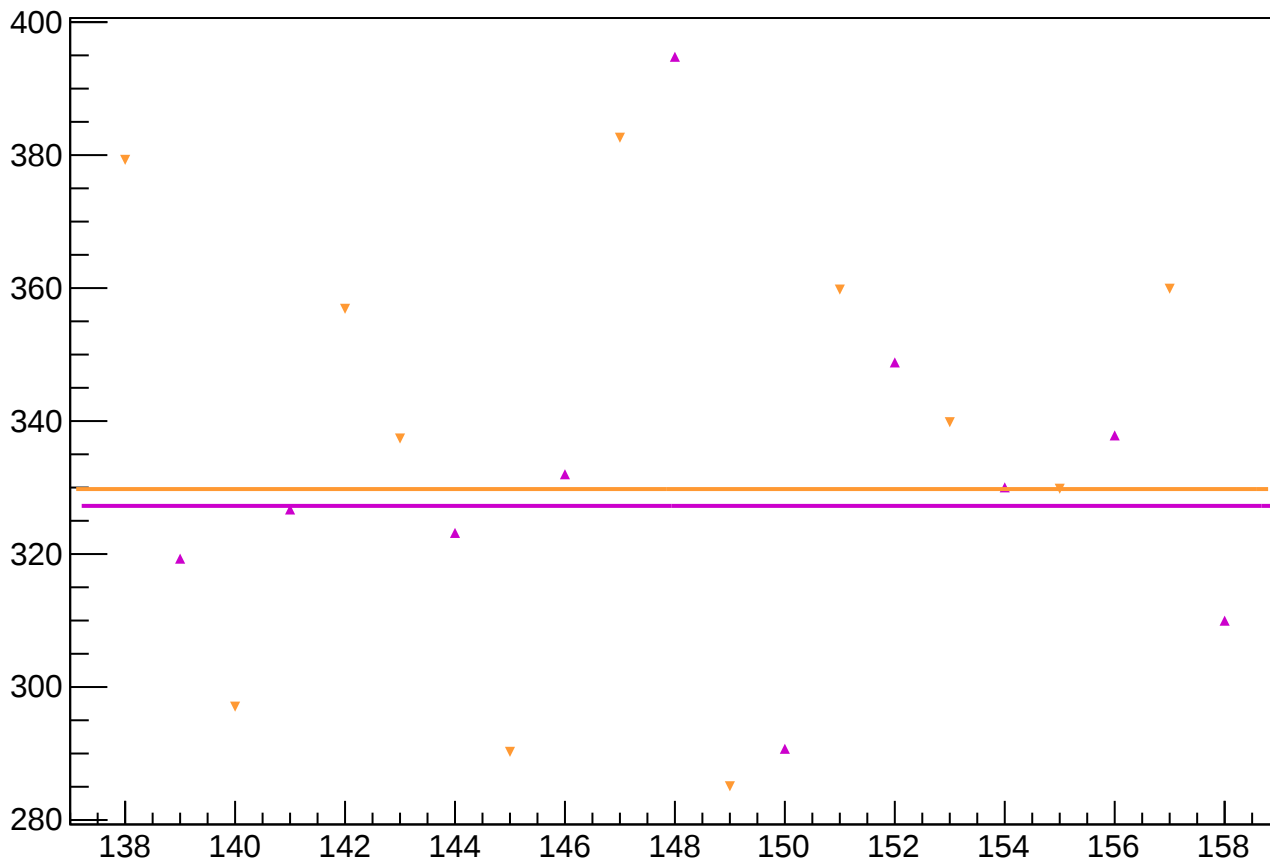
Left In: 209.271+/-114.663 χ^2/NDF : 16.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.418+/-81.759 χ^2/NDF : 23.3/20

- 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: 329.774+/-0.082 χ^2/NDF : 169794.5/10

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

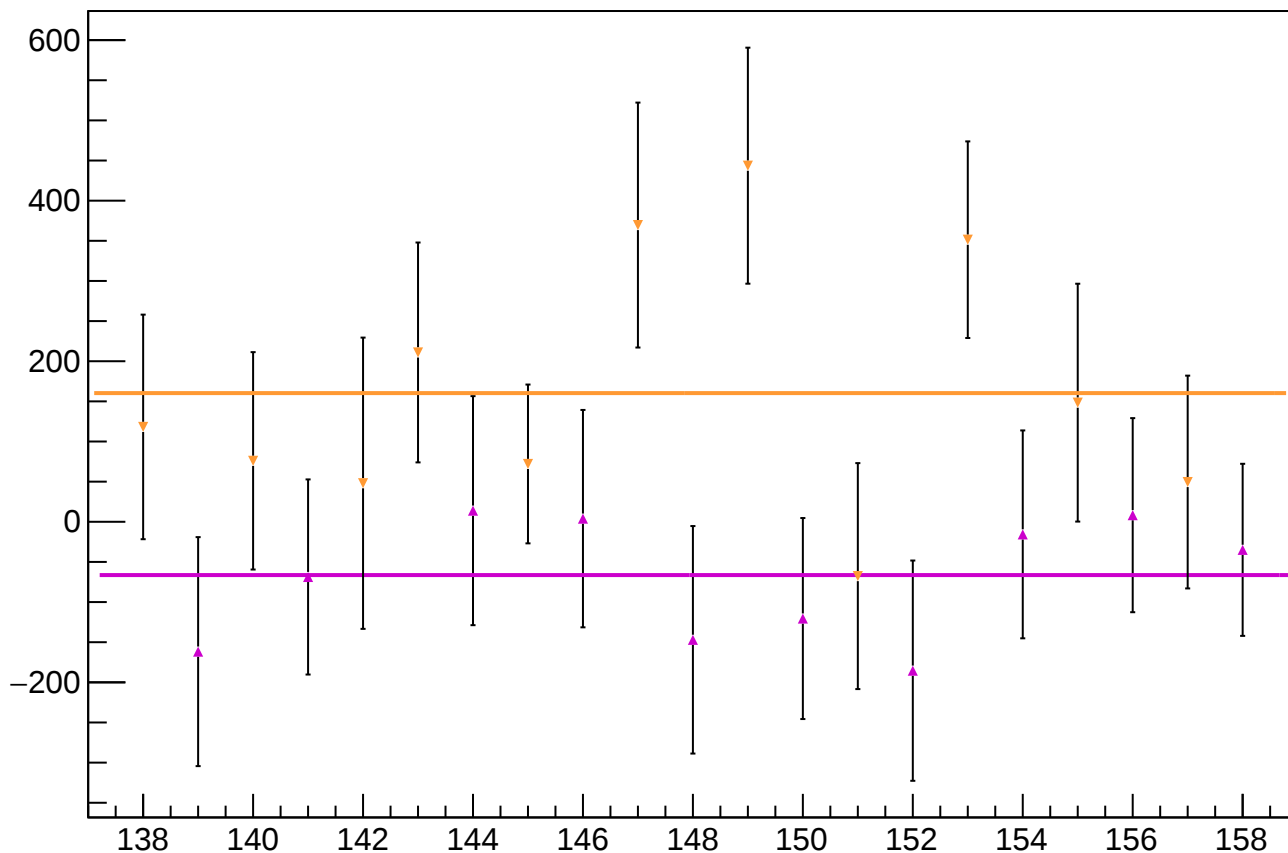
Left In: 327.243+/-0.081 χ^2/NDF : 88293.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.487+/-0.058 χ^2/NDF : 258566.5/20

- 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: 160.302+/-40.808 χ^2/NDF :13.2/10

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

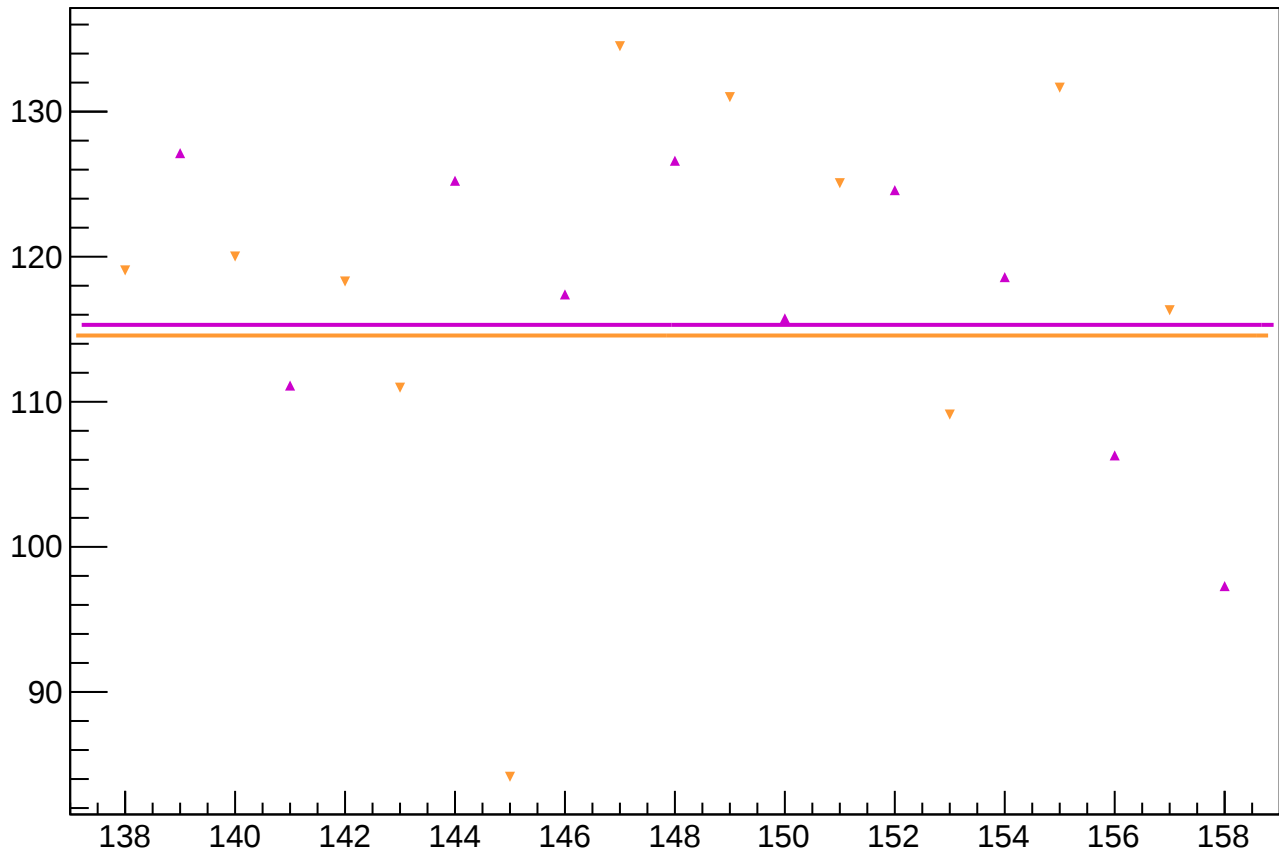
Left In: -66.377+/-40.742 χ^2/NDF :2.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.780+/-28.832 χ^2/NDF : 31.5/20

- 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: 114.569+/-0.029 χ^2/NDF : 297770.6/10

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

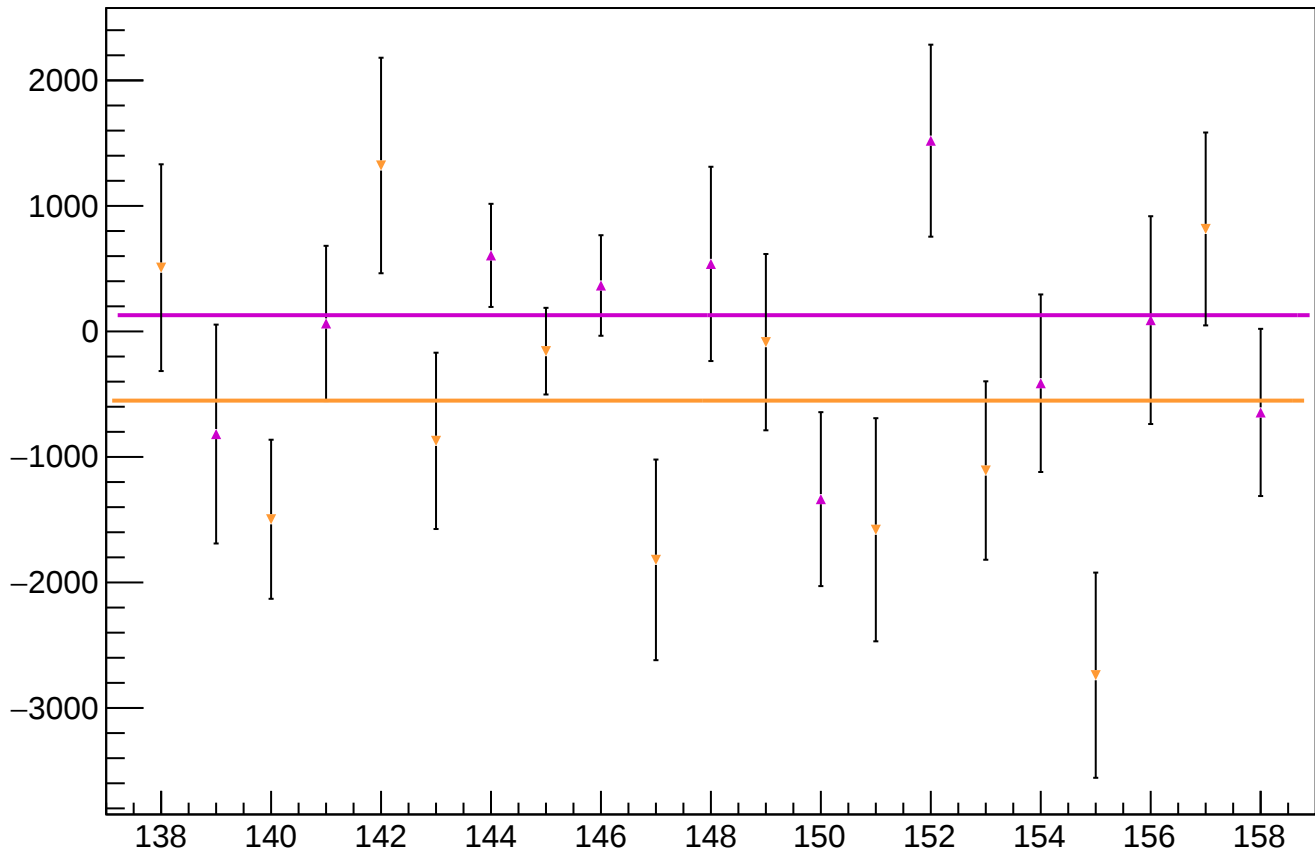
Left In: 115.302+/-0.029 χ^2/NDF : 117074.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.936+/-0.020 χ^2/NDF : 415168.9/20

- 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: -551.178+/-196.993 χ^2/NDF : 25.4/10

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

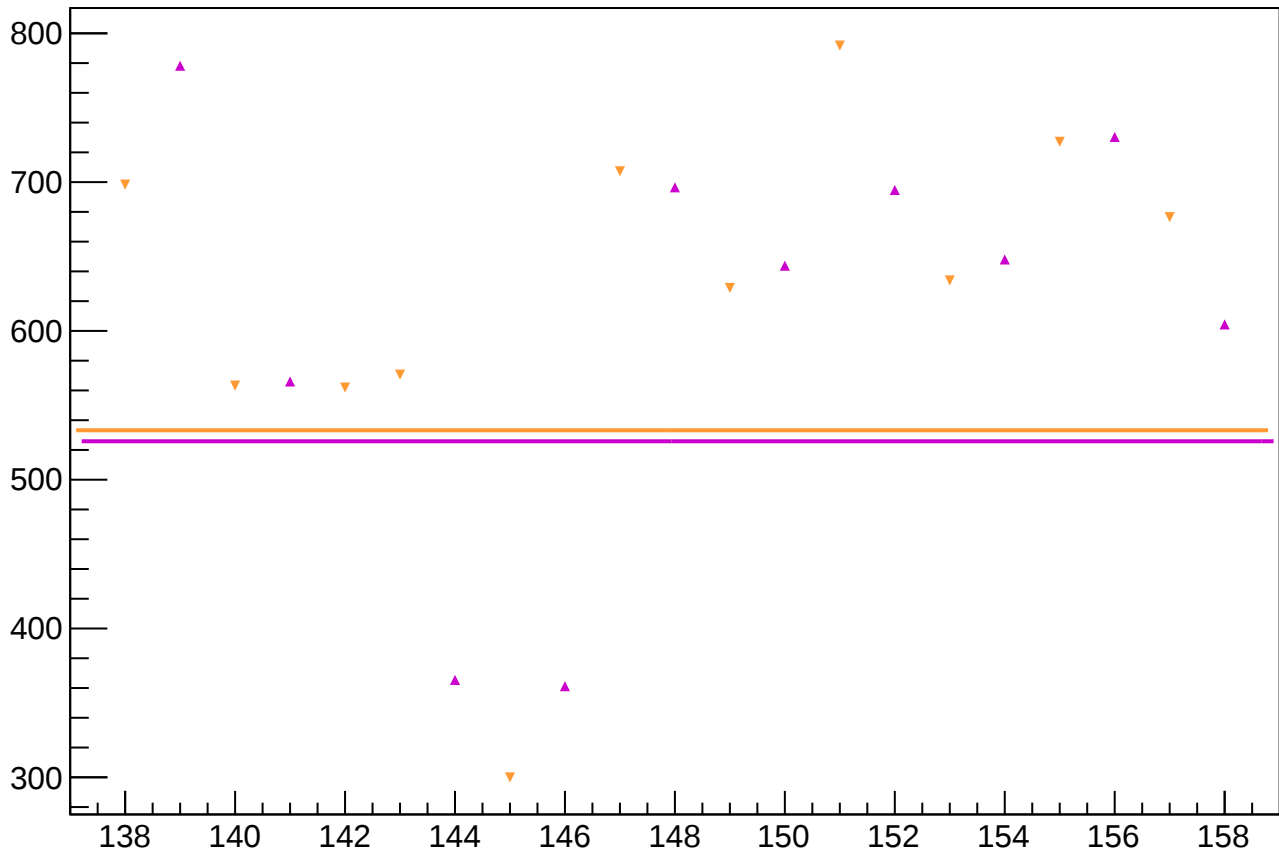
Left In: 129.370+/-191.517 χ^2/NDF : 12.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.314+/-137.318 χ^2/NDF : 44.4/20

- 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: 533.231+/-0.139 χ^2/NDF :1529814.9/10

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

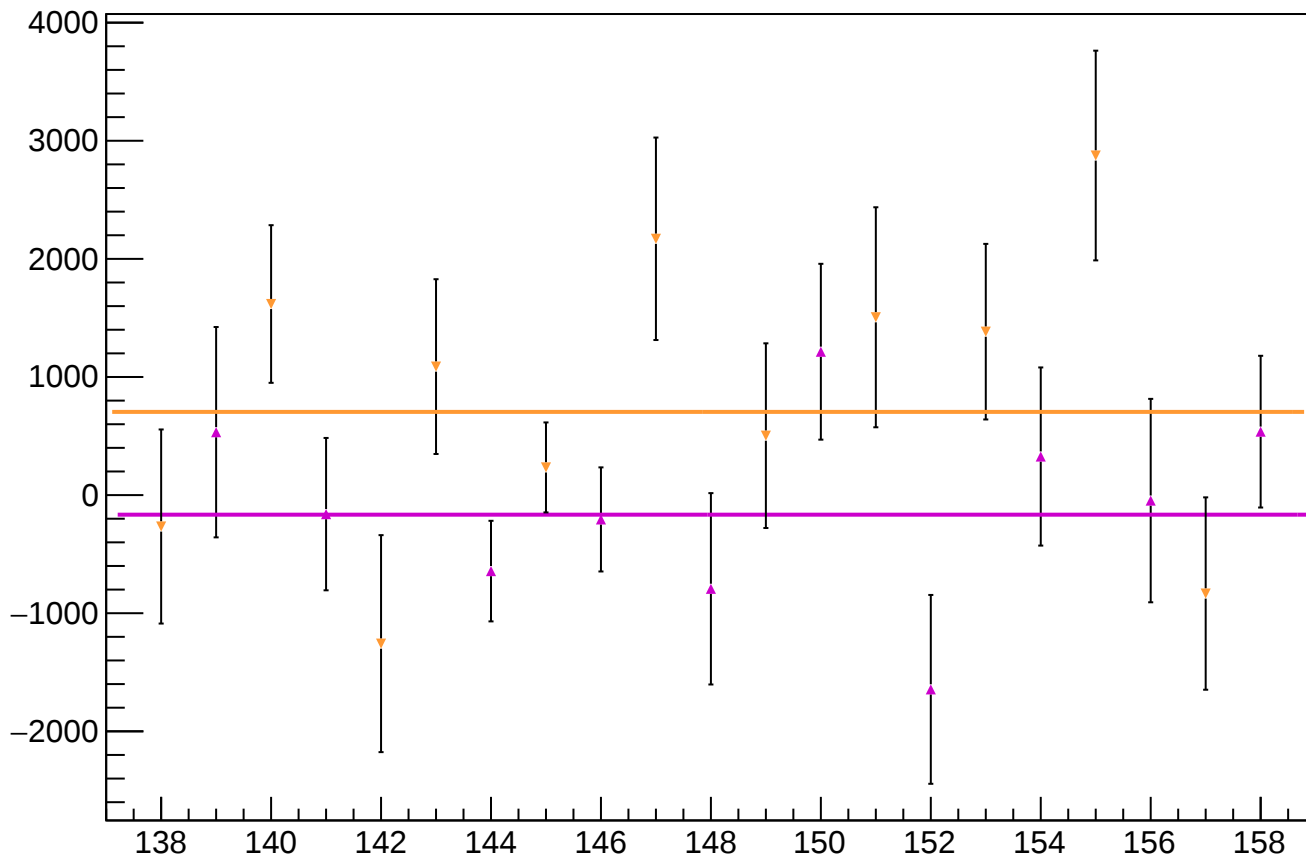
Left In: 525.840+/-0.135 χ^2/NDF :1280985.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.431+/-0.097 χ^2/NDF : 2812247.9/20

- 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: 704.494+/-211.426 χ^2/NDF : 23.7/10

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

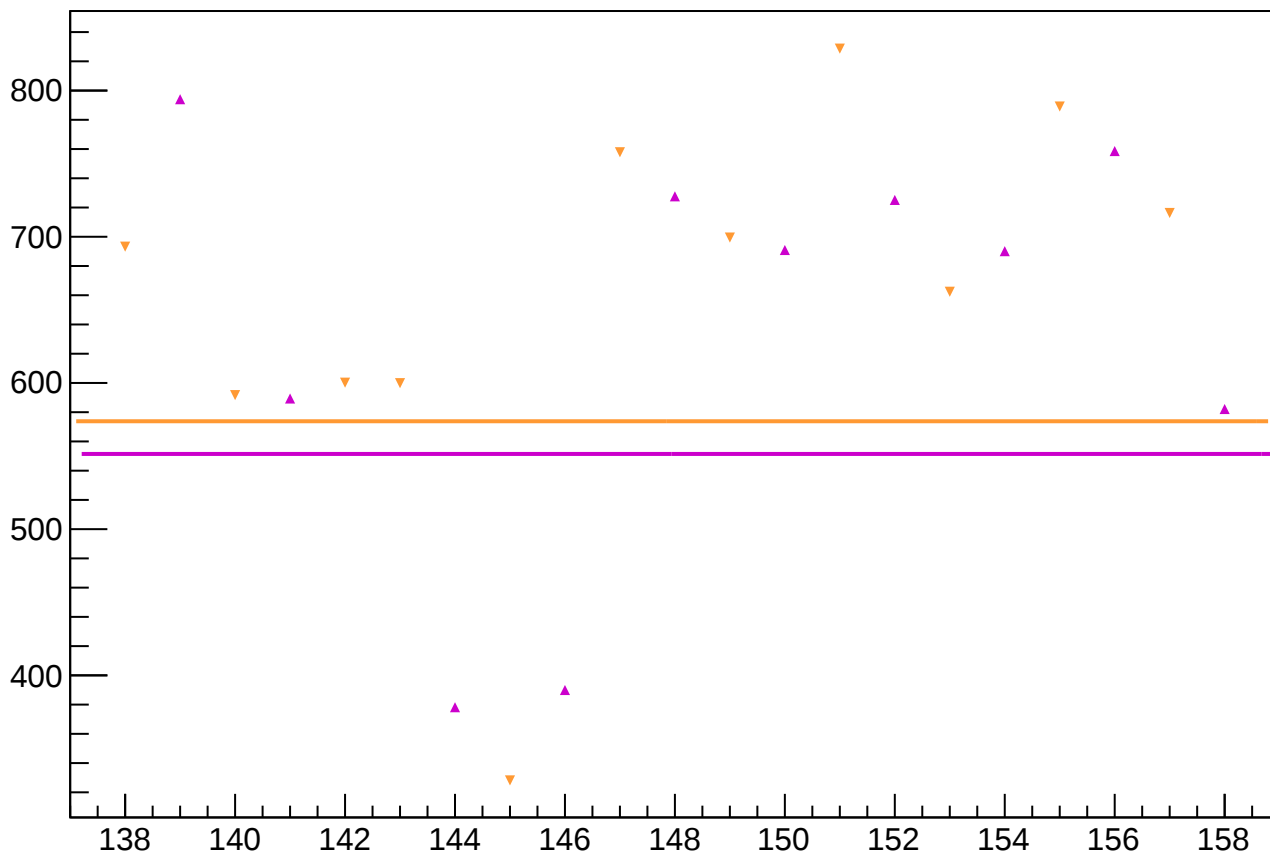
Left In: -165.756+/-200.989 χ^2/NDF : 11.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.360+/-145.671 χ^2/NDF : 43.6/20

- 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: 573.806+/-0.150 χ^2/NDF :1380929.0/10

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

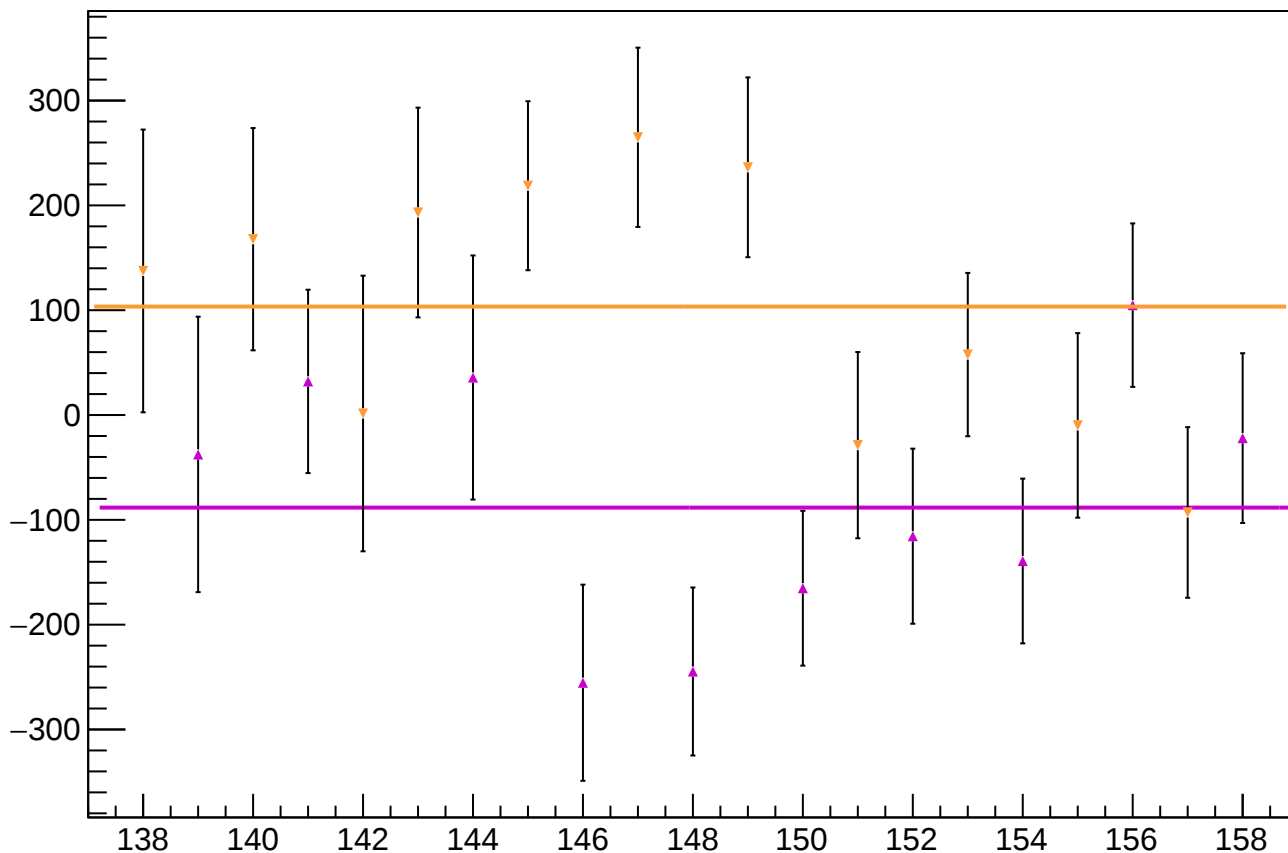
Left In: 551.447+/-0.142 χ^2/NDF :1202338.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.061+/-0.103 χ^2/NDF : 2595017.8/20

- 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: 103.450+/-27.739 χ^2/NDF :19.9/10

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

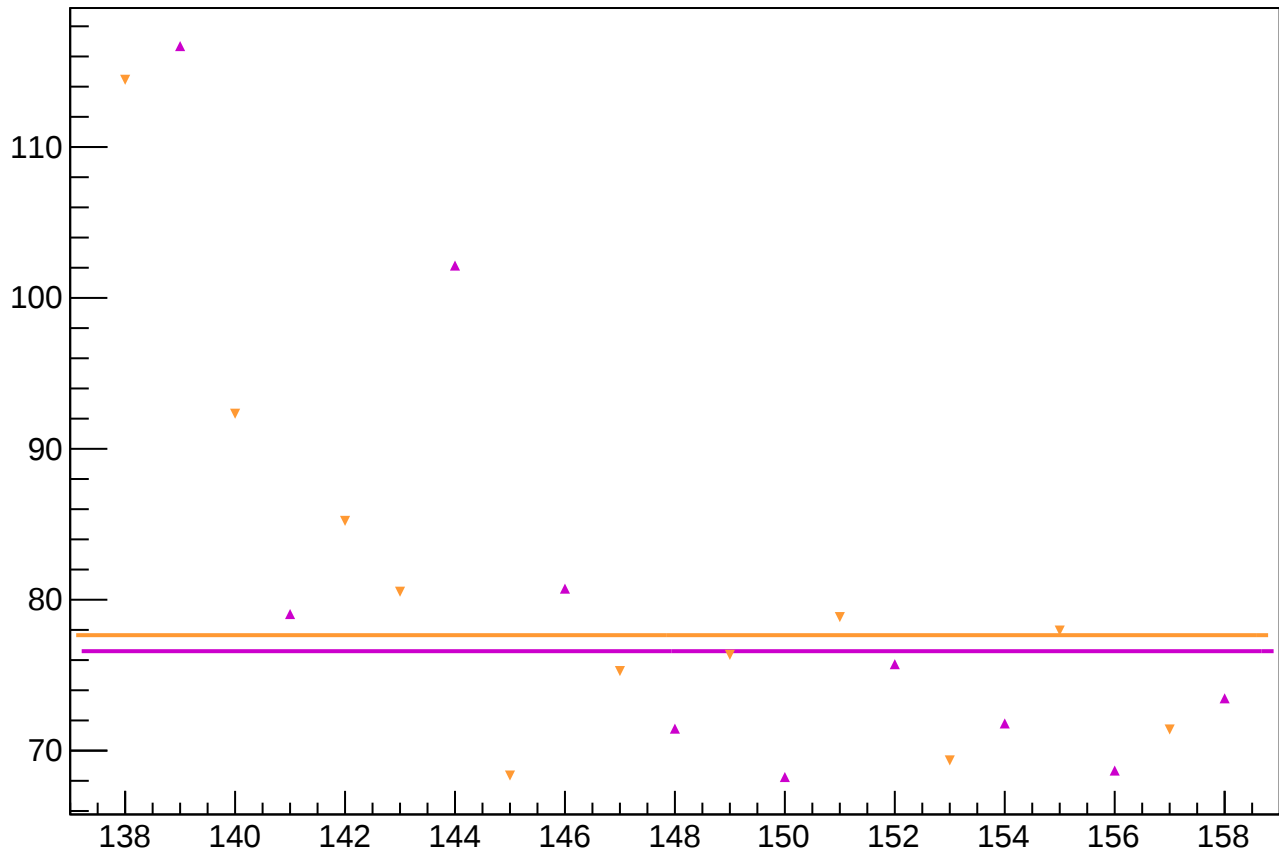
Left In: -88.315+/-27.338 χ^2/NDF :18.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.171+/-19.471 χ^2/NDF : 62.7/20

- 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: 77.651+/-0.020 χ^2/NDF :259061.9/10

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

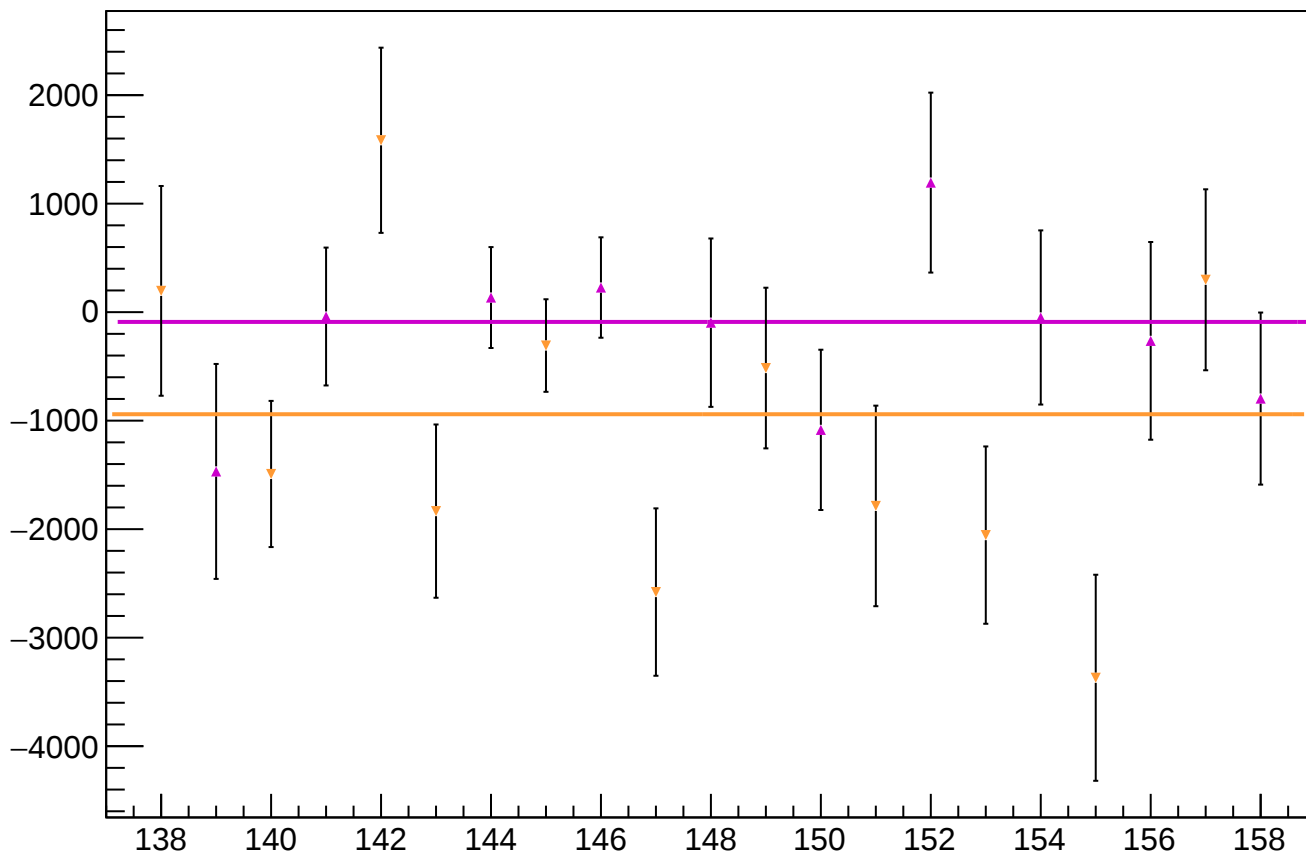
Left In: 76.590+/-0.019 χ^2/NDF :353023.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.113+/-0.014 χ^2/NDF : 613569.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_mean vs Slug



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

Left Out: -940.776+/-221.232 χ^2/NDF :30.5/10

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

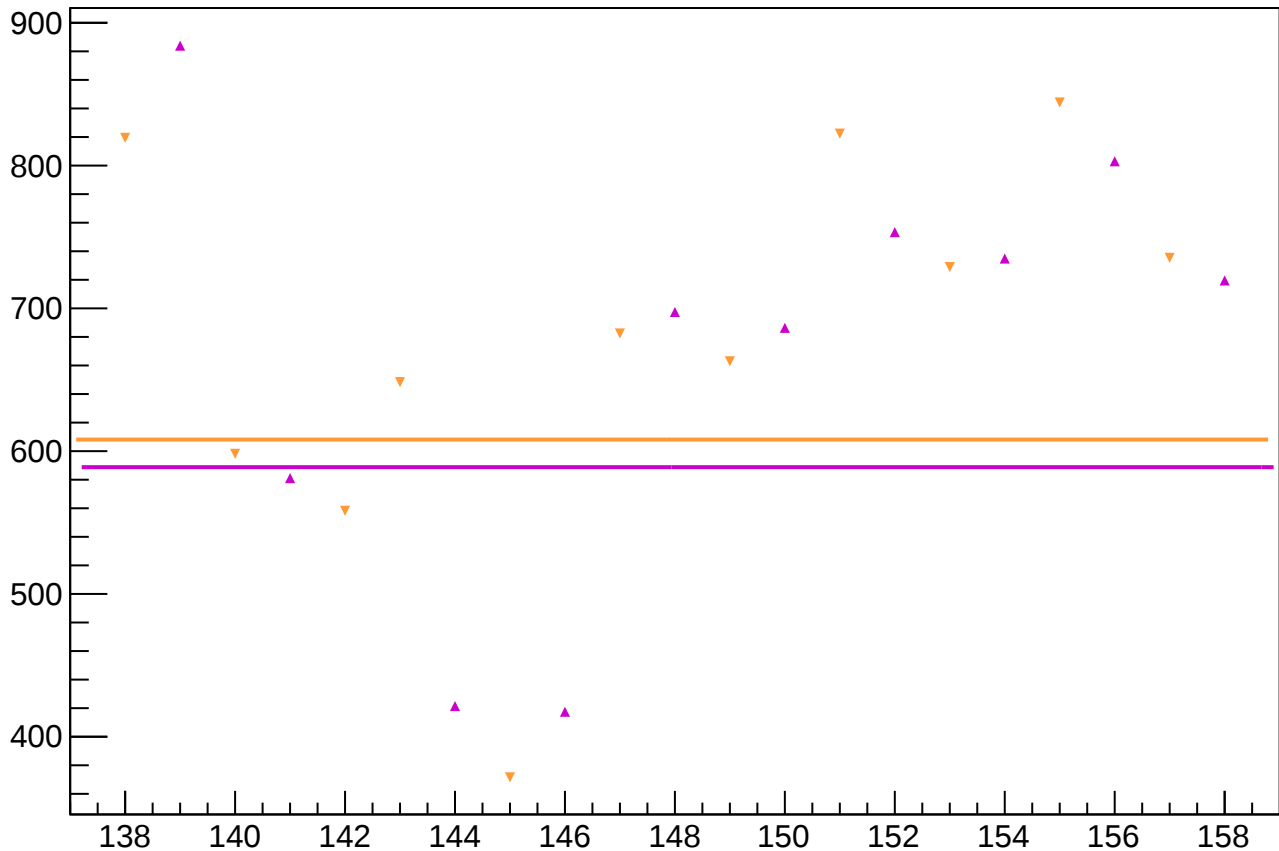
Left In: -90.040+/-212.776 χ^2/NDF :7.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.838+/-153.358 χ^2/NDF : 45.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_rms vs Slug



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

Left Out: 608.122+/-0.156 χ^2/NDF : 1073957.9/10

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

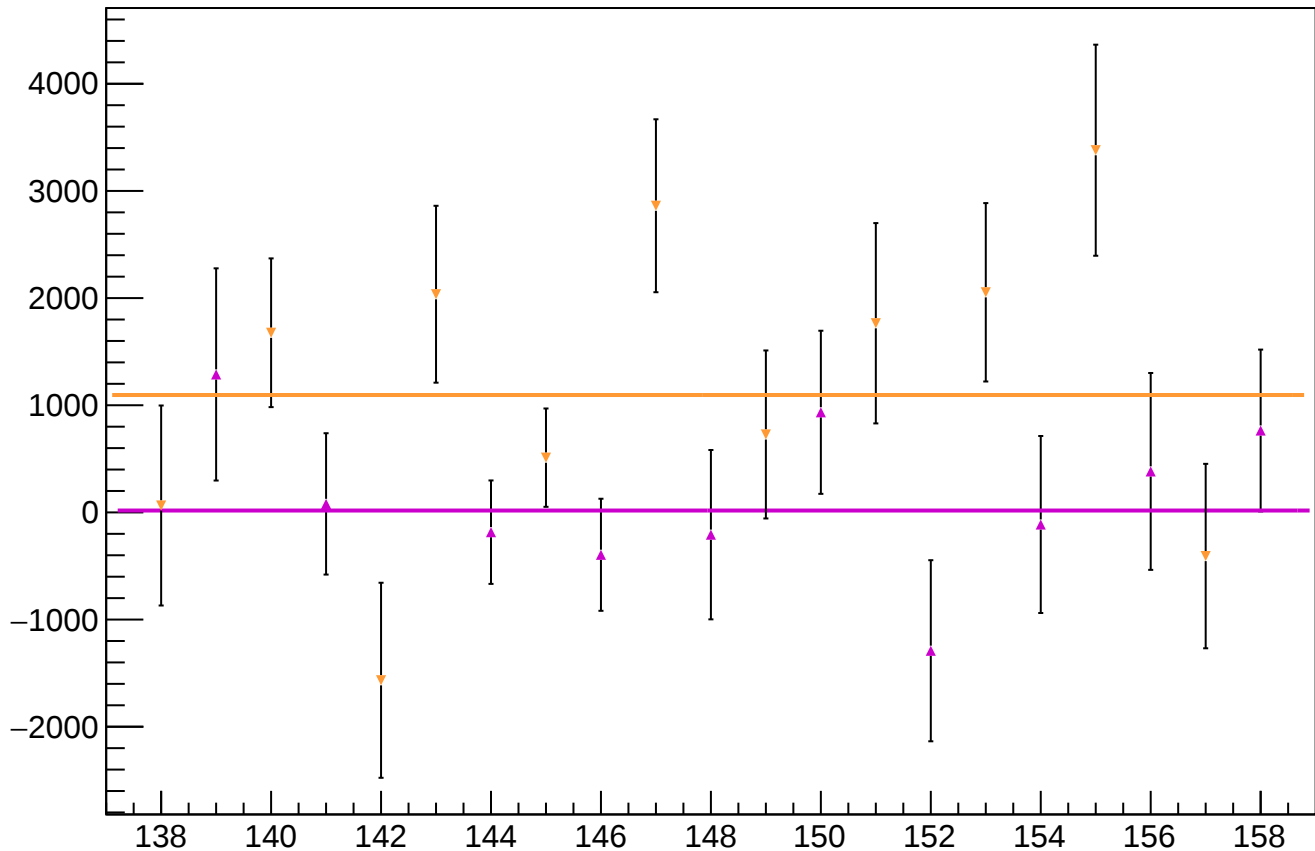
Left In: 588.785+/-0.150 χ^2/NDF : 1095097.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 598.077+/-0.108 χ^2/NDF : 2176992.9/20

- 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: 1095.595+/-230.749 χ^2/NDF : 28.7/10

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

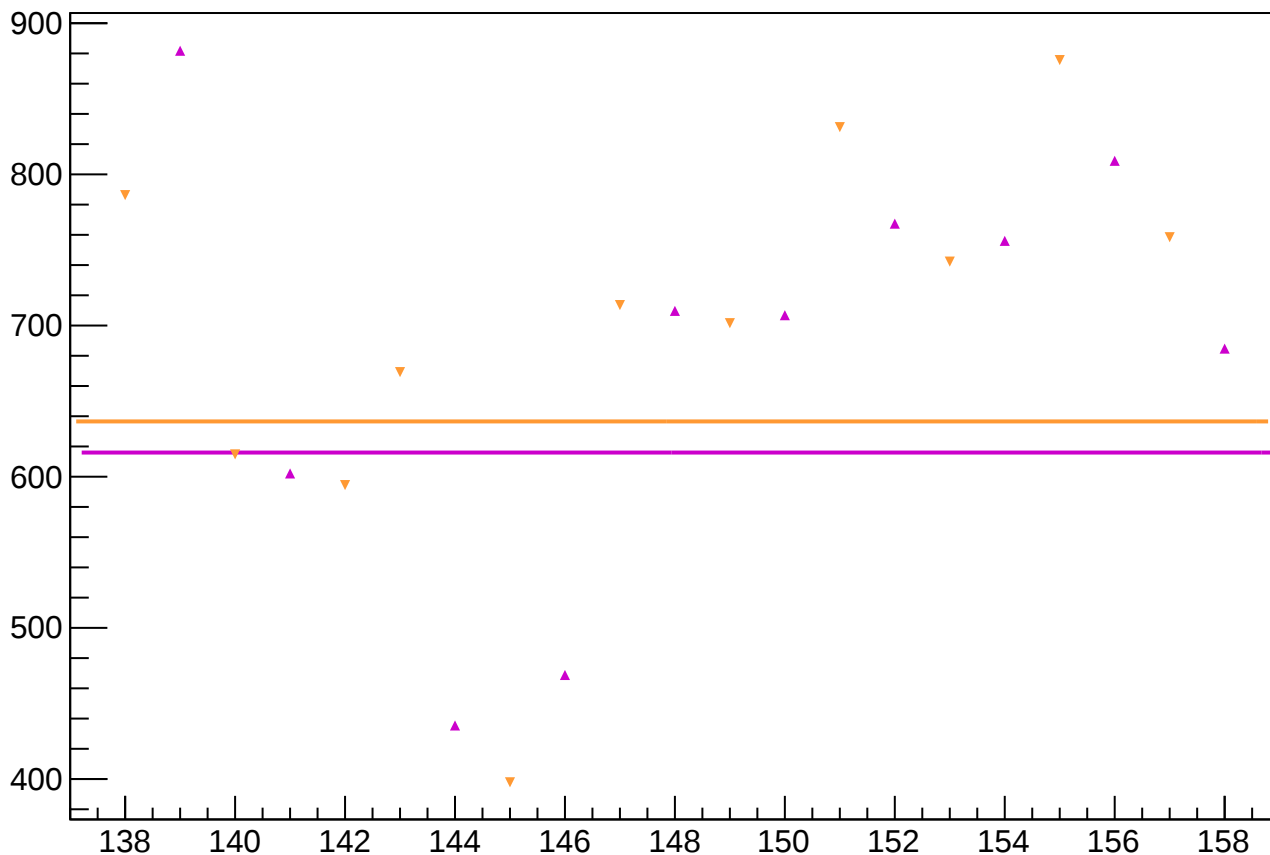
Left In: 17.539+/-221.395 χ^2/NDF : 7.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.274+/-159.755 χ^2/NDF : 47.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



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

Left Out: 636.572+/-0.163 χ^2/NDF : 911068.5/10

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

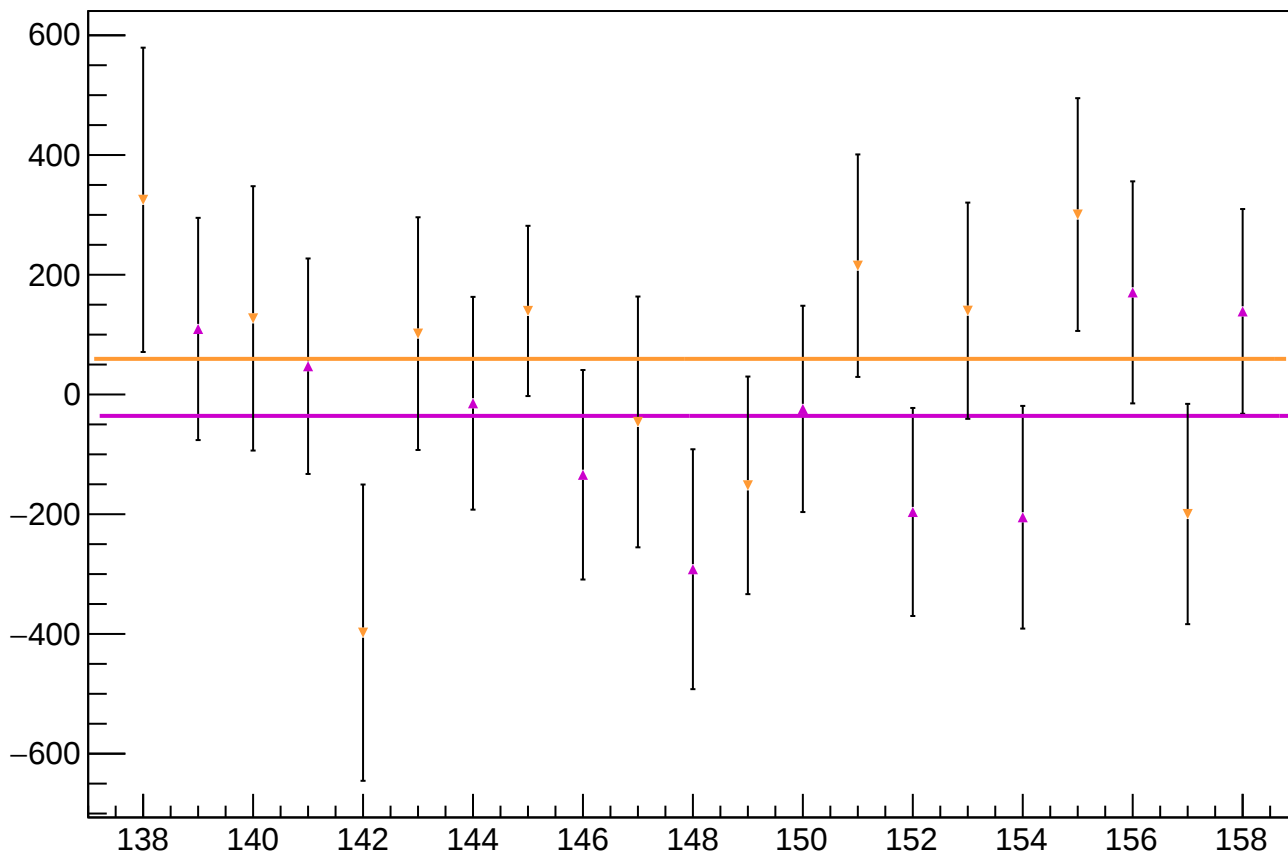
Left In: 615.978+/-0.157 χ^2/NDF : 866459.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.849+/-0.113 χ^2/NDF : 1785822.3/20

- 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: 59.507+/-58.033 χ^2/NDF : 11.0/10

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

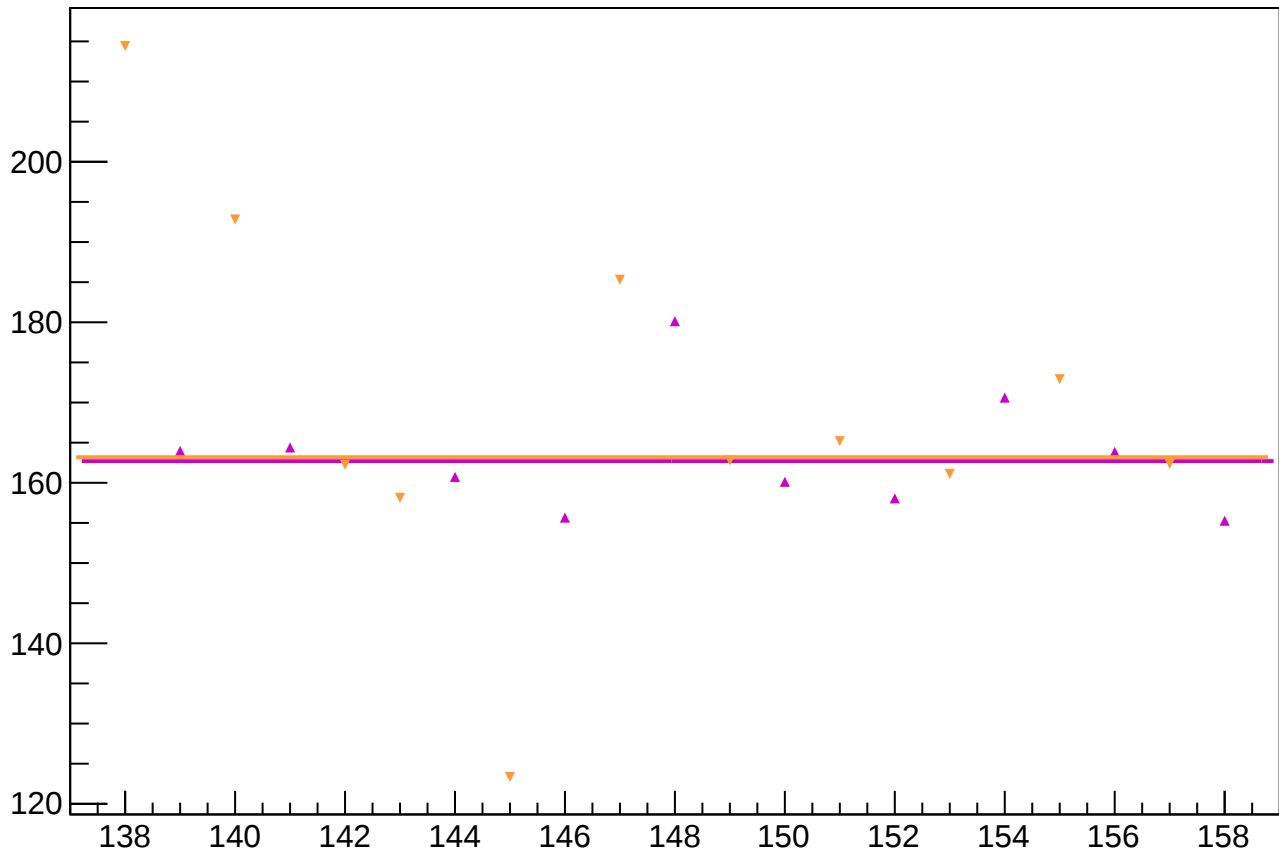
Left In: -35.740+/-56.969 χ^2/NDF : 6.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.002+/-40.654 χ^2/NDF : 19.1/20

- 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: 163.183+/-0.041 χ^2/NDF : 303487.4/10

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

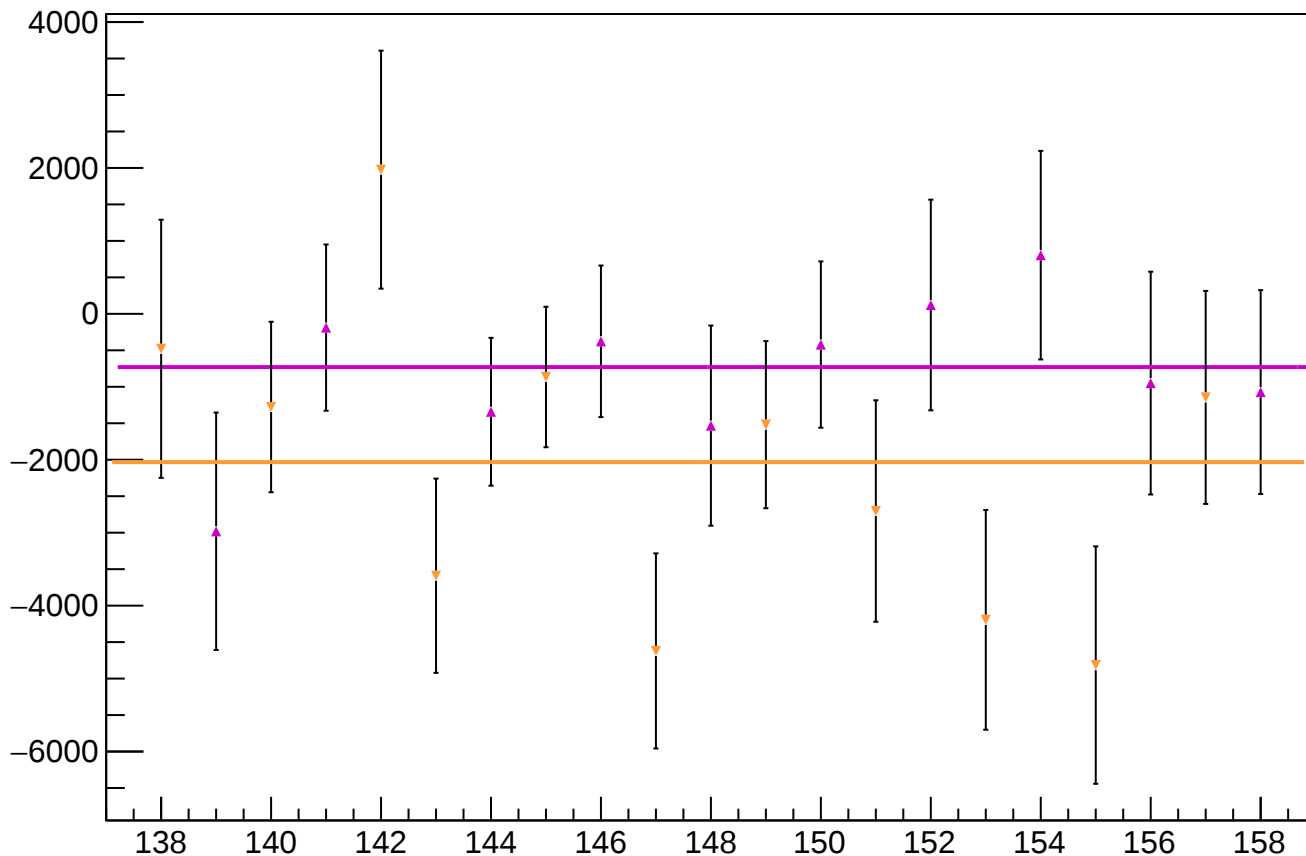
Left In: 162.701+/-0.040 χ^2/NDF : 28238.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.938+/-0.029 χ^2/NDF : 331796.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_mean vs Slug



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

Left Out: -2032.413 $\pm$ 404.463 χ^2 /NDF:19.6/10

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

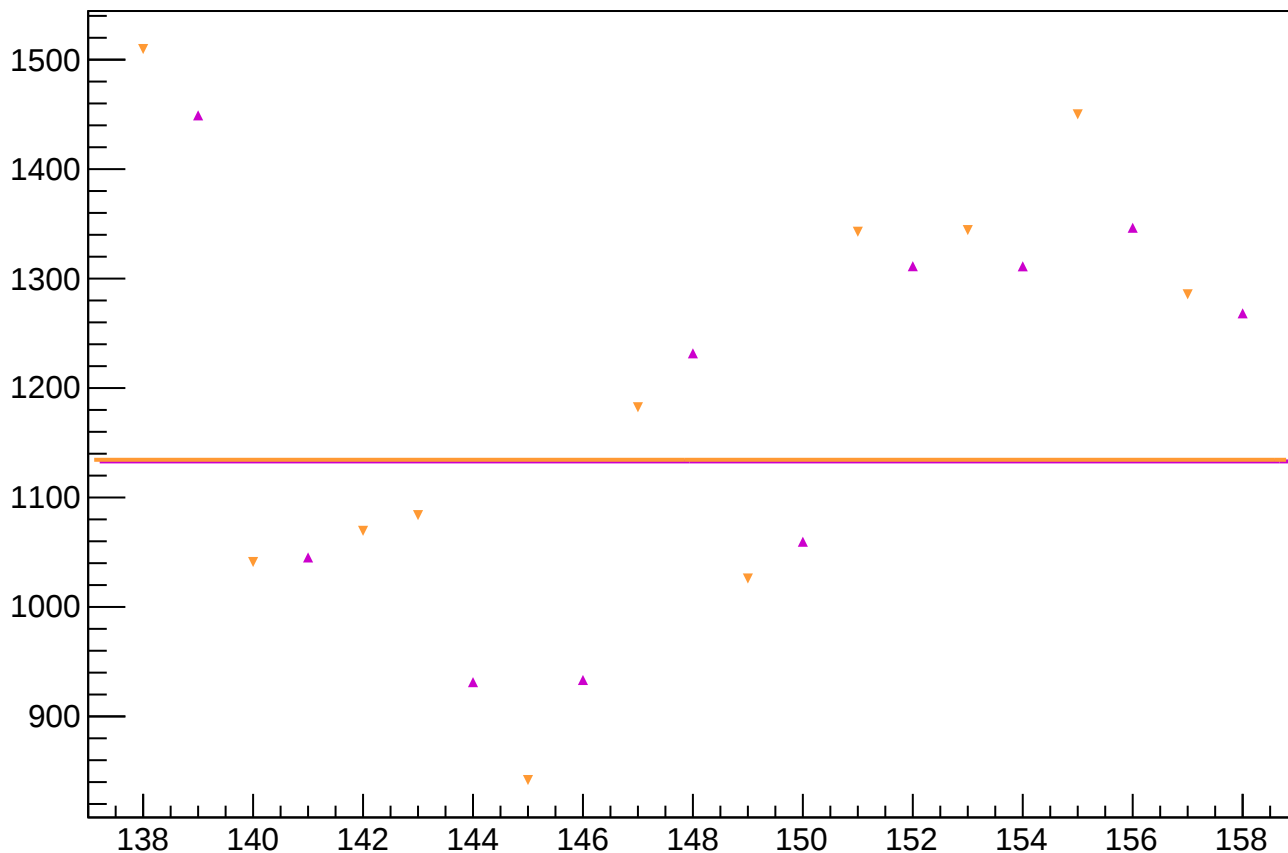
Left In: -729.977 $\pm$ 399.688 χ^2 /NDF:4.6/9

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

All: -1373.463 $\pm$ 284.295 χ^2 /NDF: 29.4/20

- sign 0.000 $\pm$ 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: 1134.462+/-0.286 χ^2/NDF : 487048.5/10

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

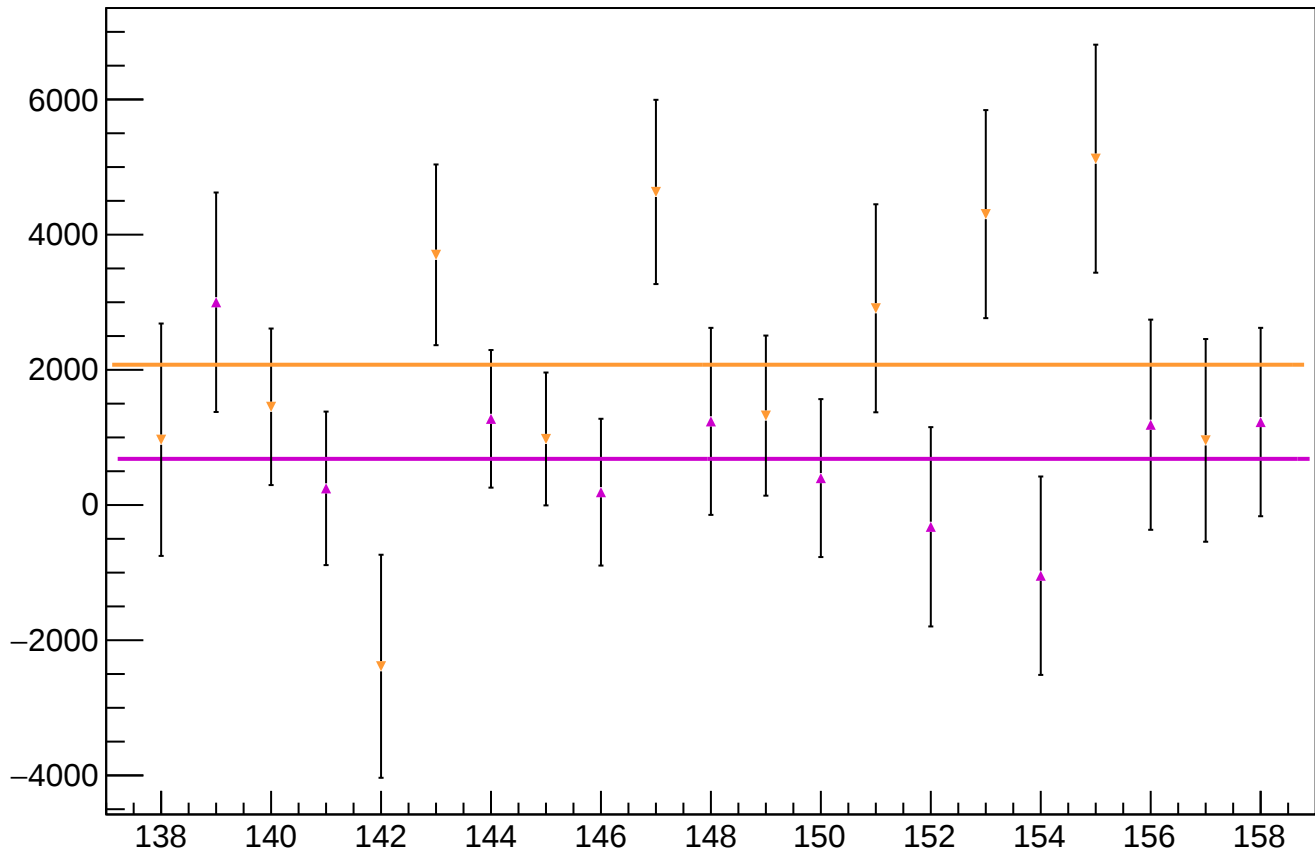
Left In: 1132.970+/-0.283 χ^2/NDF : 378558.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1133.707+/-0.201 χ^2/NDF : 865620.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_mean vs Slug



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

Left Out: 2075.784+/-410.359 χ^2/NDF : 20.9/10

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

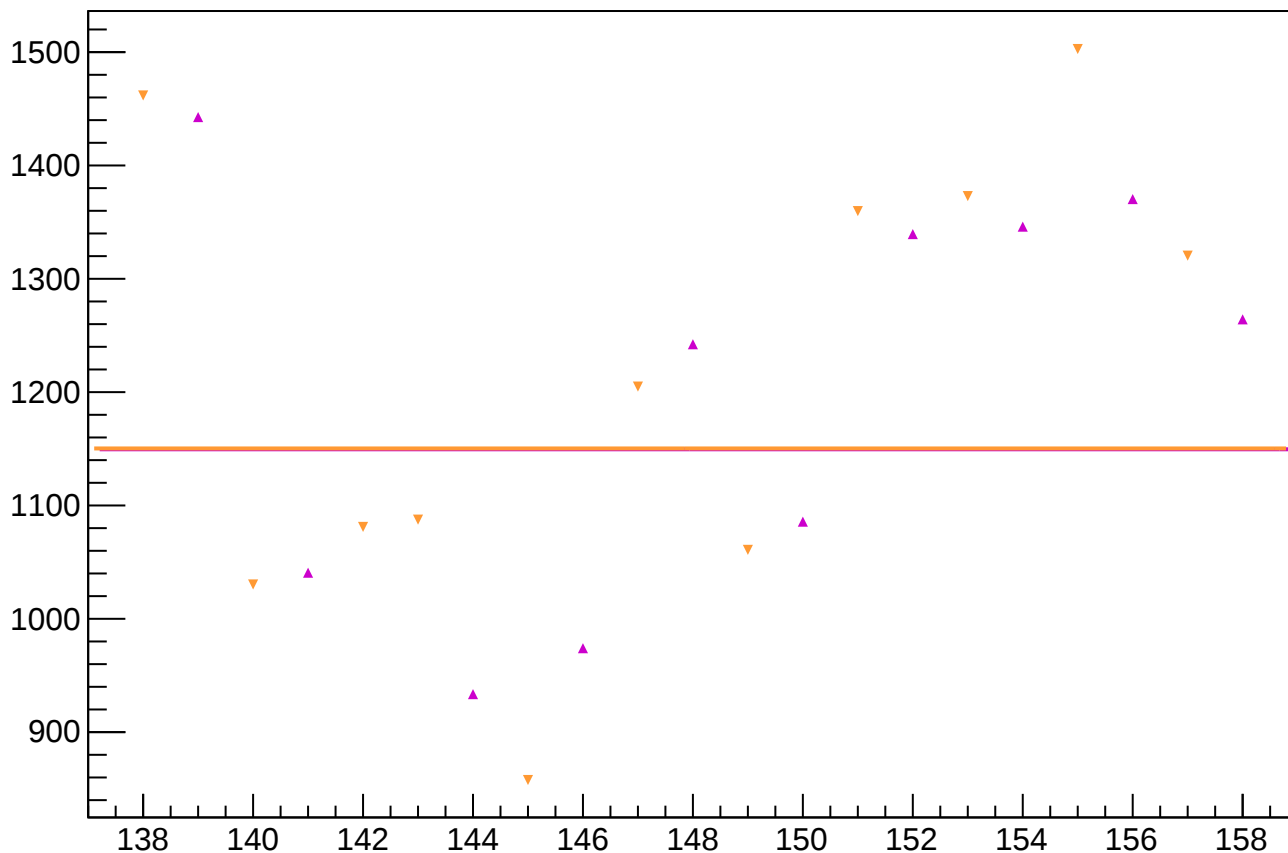
Left In: 683.052+/-405.674 χ^2/NDF : 5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1371.424+/-288.497 χ^2/NDF : 31.8/20

- 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: 1150.311+/-0.290 χ^2/NDF : 478877.0/10

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

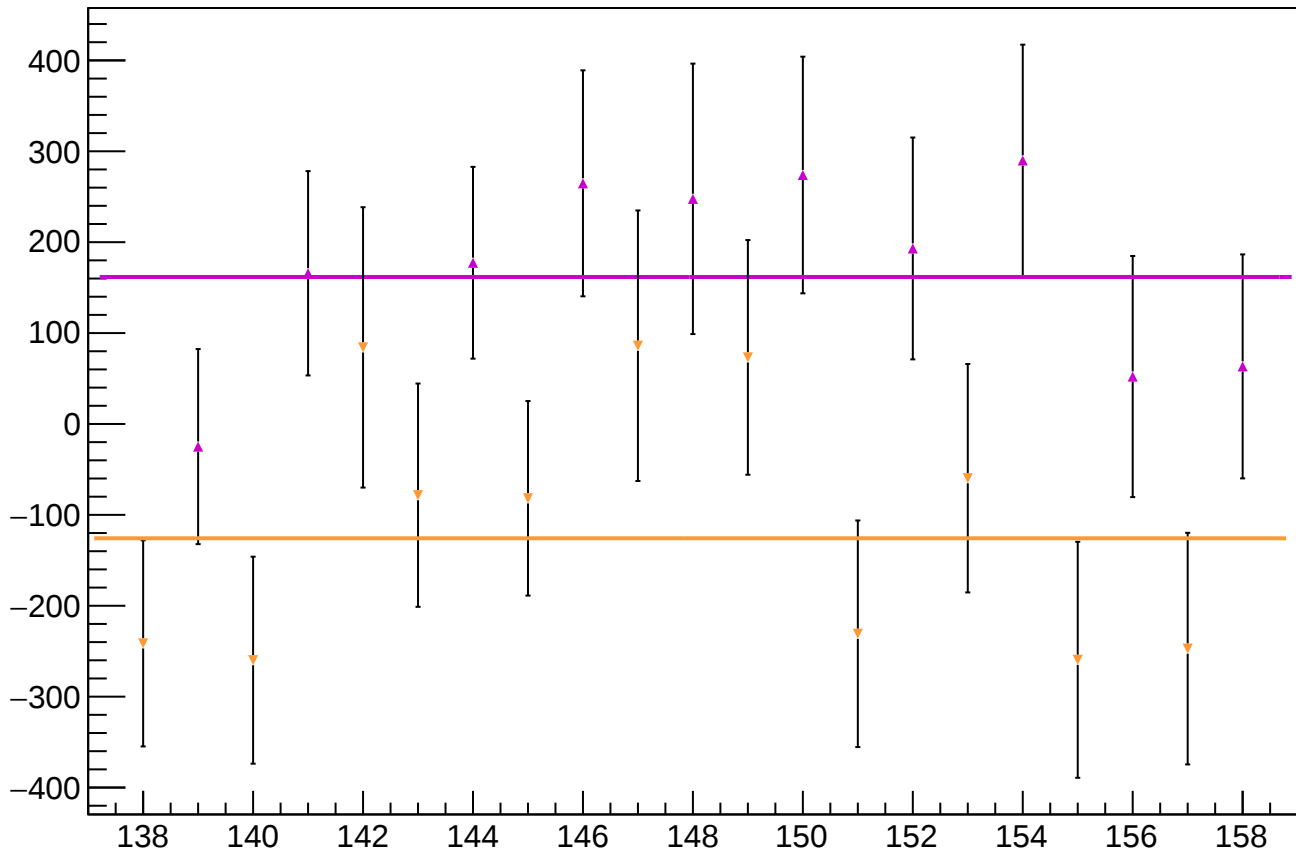
Left In: 1149.574+/-0.287 χ^2/NDF : 363772.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1149.938+/-0.204 χ^2/NDF : 842652.6/20

- 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: -125.773+/-37.680 χ^2/NDF : 12.0/10

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

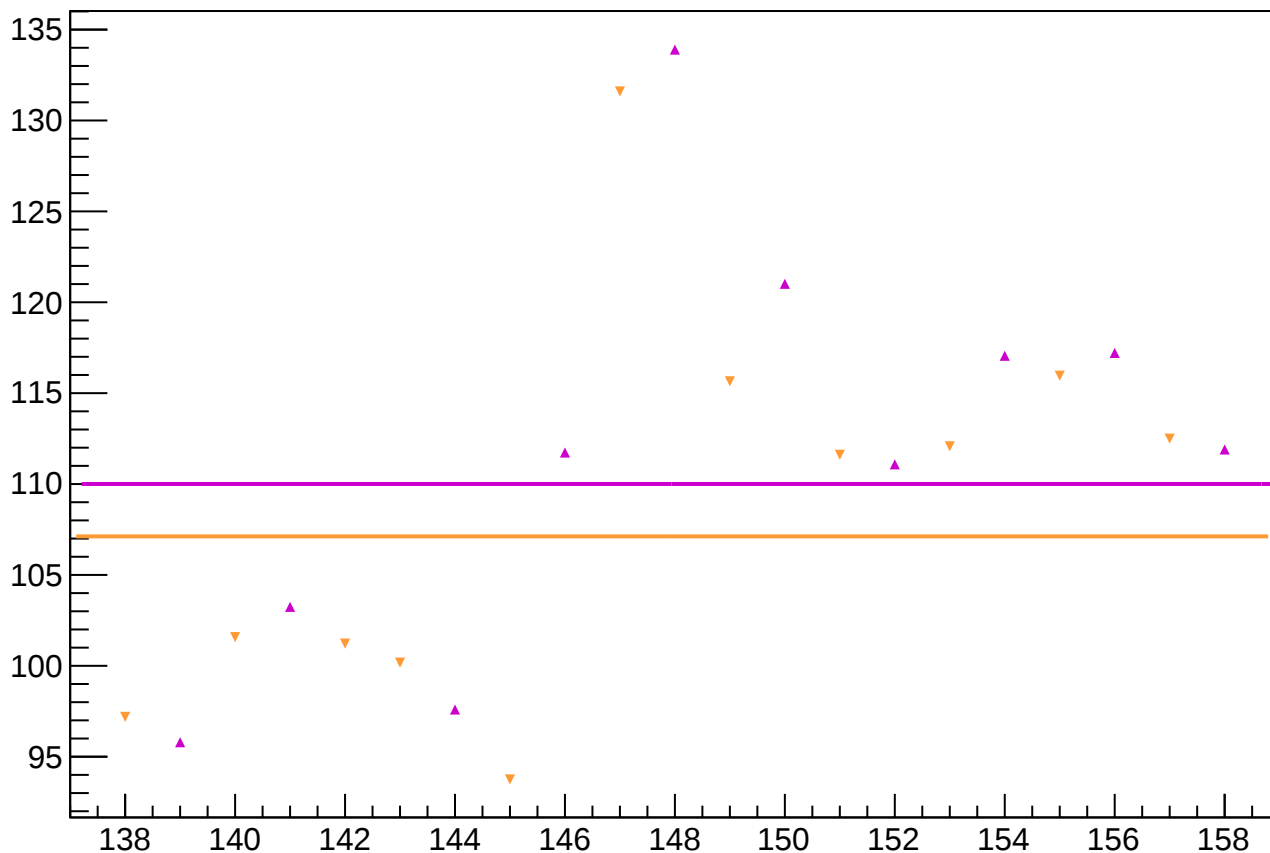
Left In: 161.711+/-38.454 χ^2/NDF : 7.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.046+/-26.913 χ^2/NDF : 47.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 107.120+/-0.027 χ^2/NDF : 141985.1/10

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

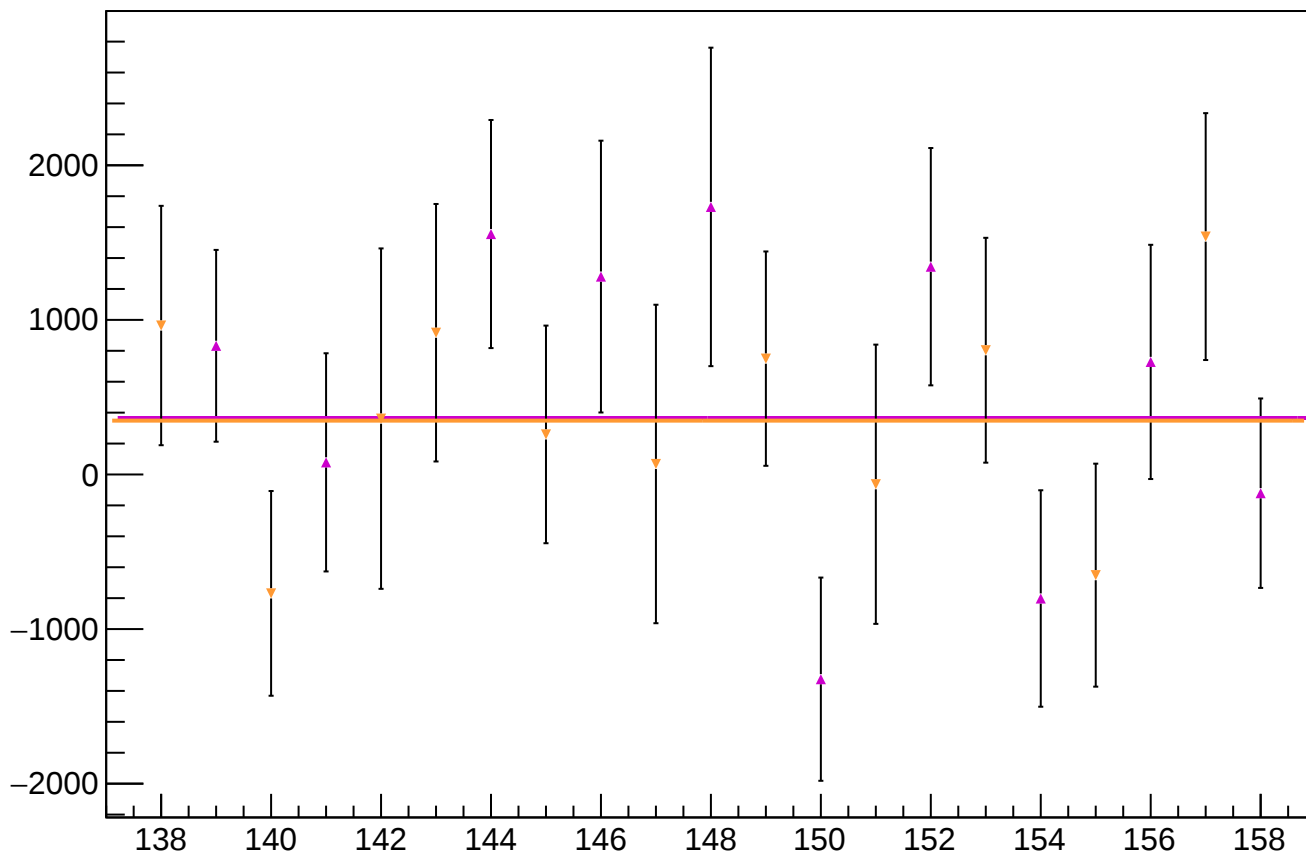
Left In: 110.004+/-0.027 χ^2/NDF : 148928.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.533+/-0.019 χ^2/NDF : 296650.6/20

- 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: 348.332+/-236.588 χ^2/NDF : 9.1/10

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

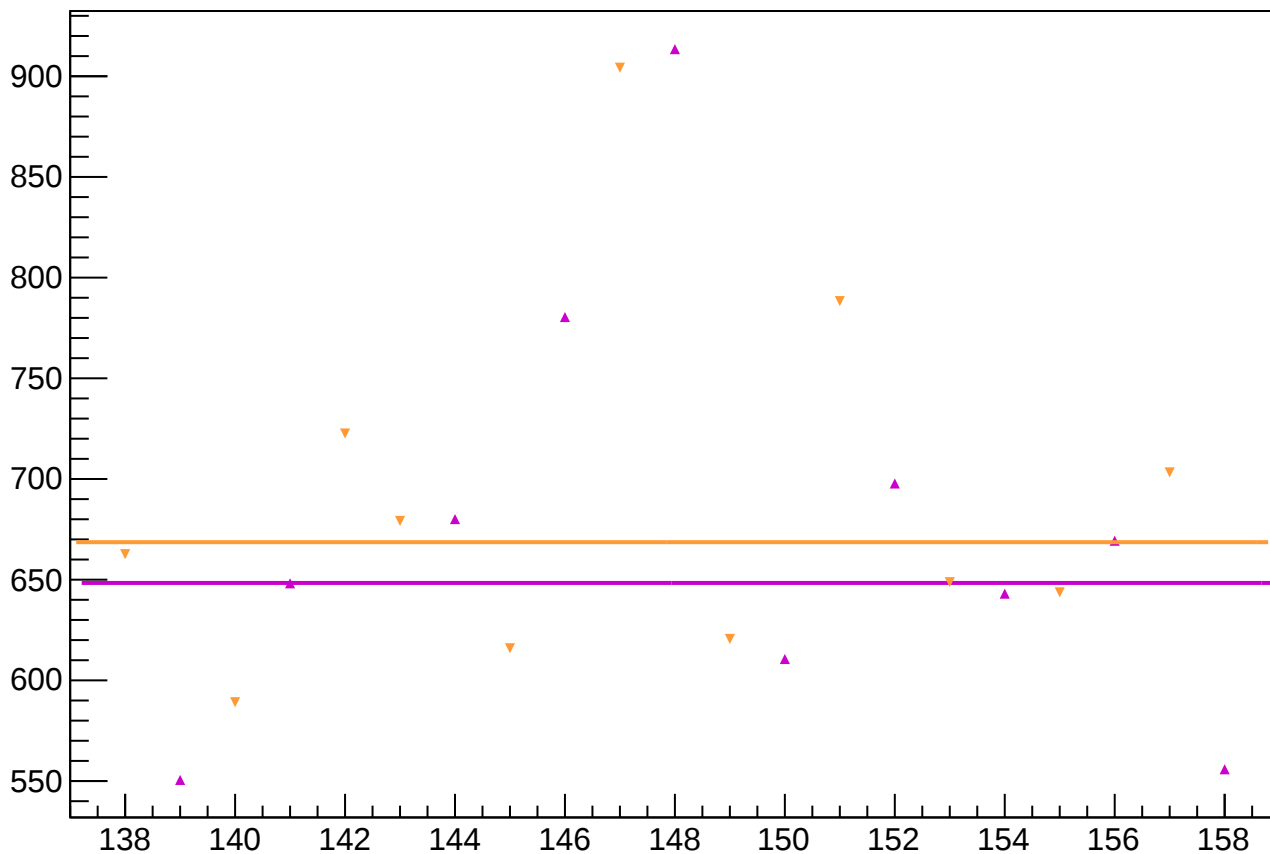
Left In: 365.311+/-228.579 χ^2/NDF : 18.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.113+/-164.388 χ^2/NDF : 27.2/20

- 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: 668.613+/-0.167 χ^2/NDF : 202308.0/10

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

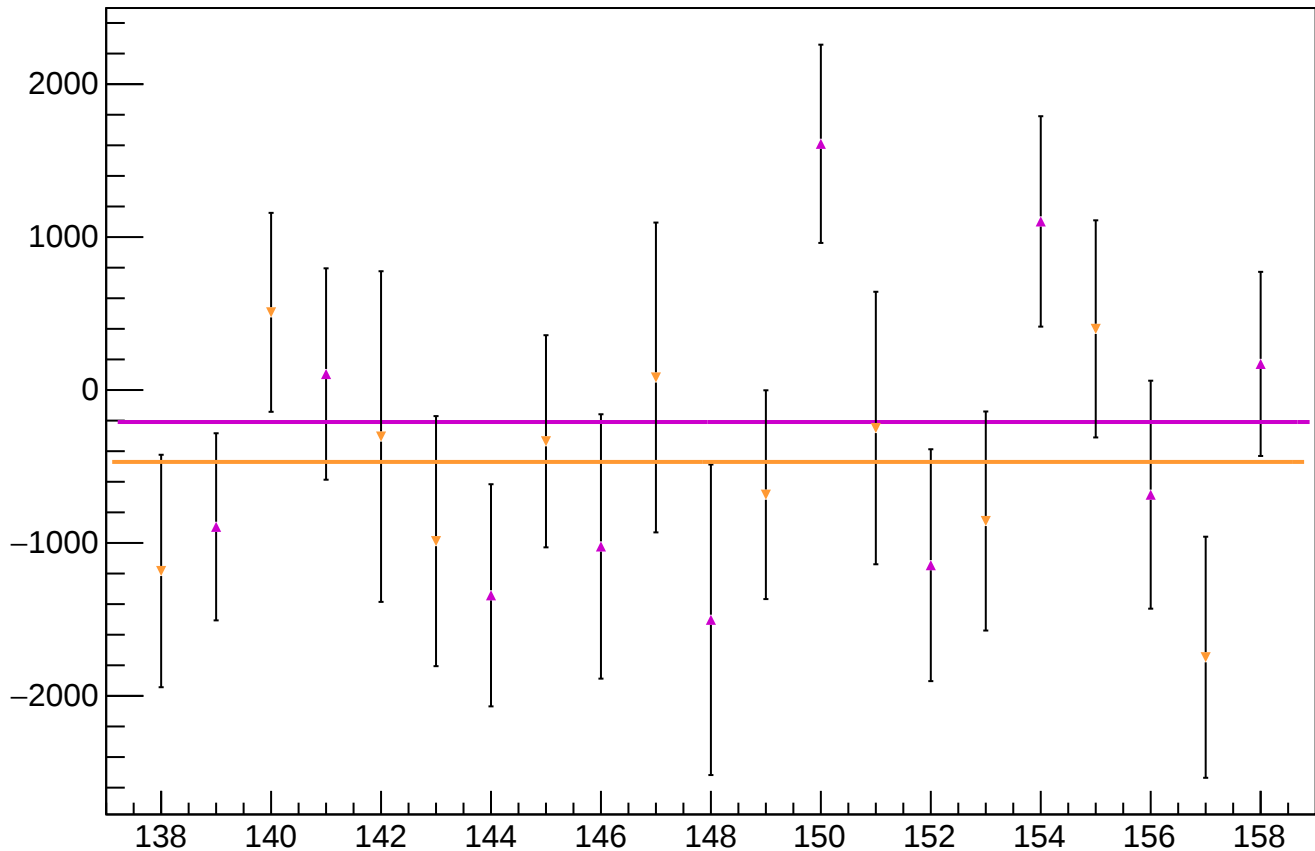
Left In: 648.383+/-0.162 χ^2/NDF : 293169.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.150+/-0.116 χ^2/NDF : 503041.0/20

- 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: -470.158+/-232.810 χ^2/NDF : 8.5/10

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

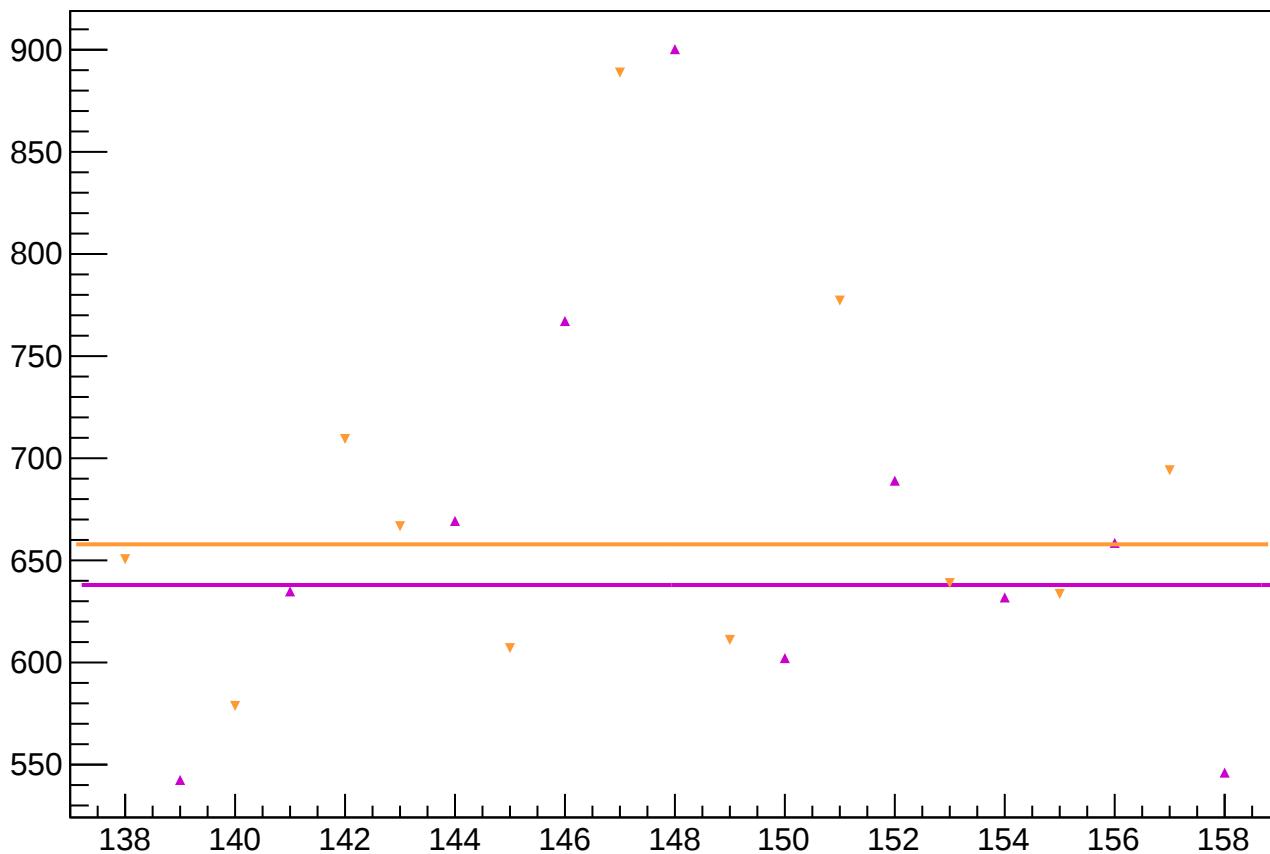
Left In: -209.205+/-224.945 χ^2/NDF : 20.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.199+/-161.769 χ^2/NDF : 29.4/20

- 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: 657.862+/-0.165 χ^2/NDF : 202557.9/10

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

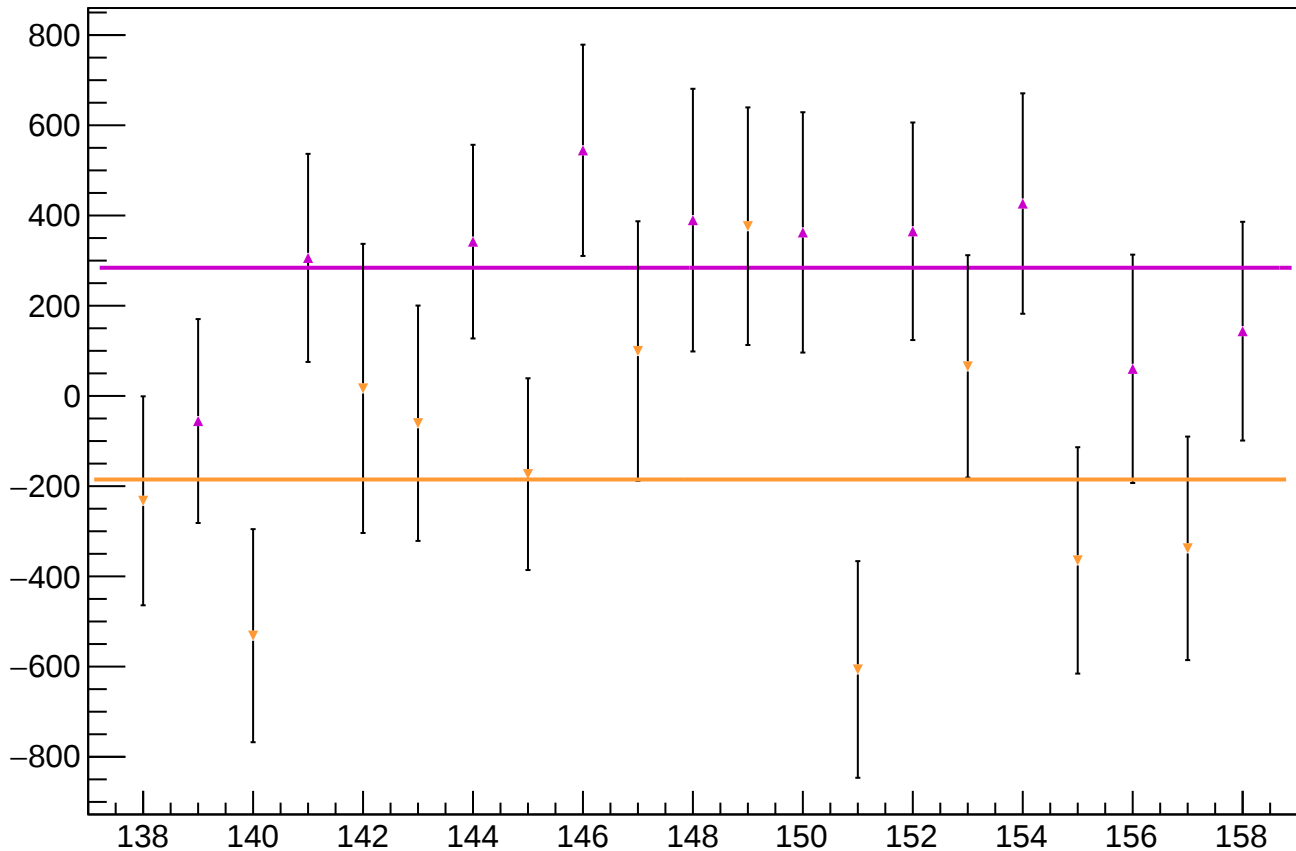
Left In: 637.945+/-0.159 χ^2/NDF : 294130.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.561+/-0.114 χ^2/NDF : 504258.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -185.235+/-75.464 χ^2/NDF : 13.3/10

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

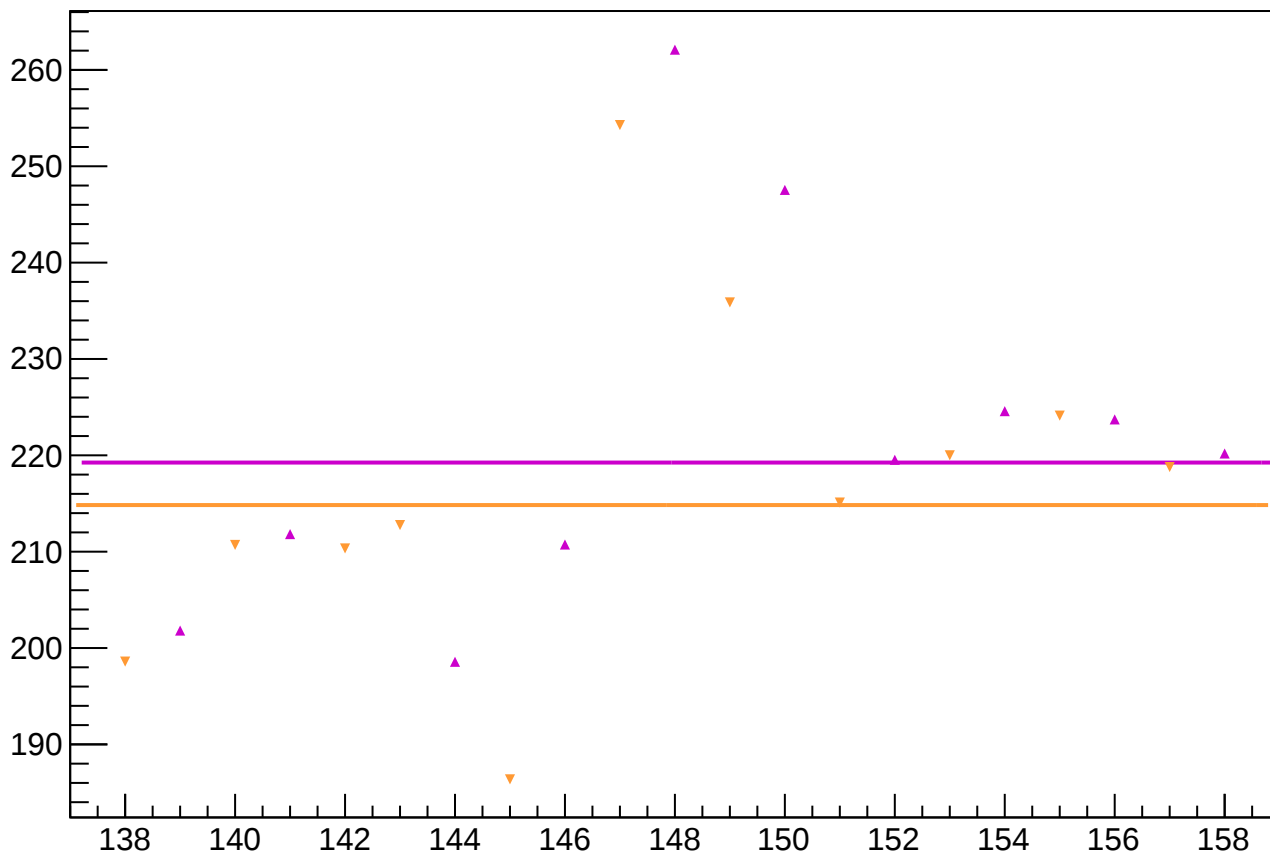
Left In: 284.162+/-76.526 χ^2/NDF : 5.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.182+/-53.733 χ^2/NDF : 37.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 214.837+/-0.053 χ^2/NDF : 101326.0/10

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

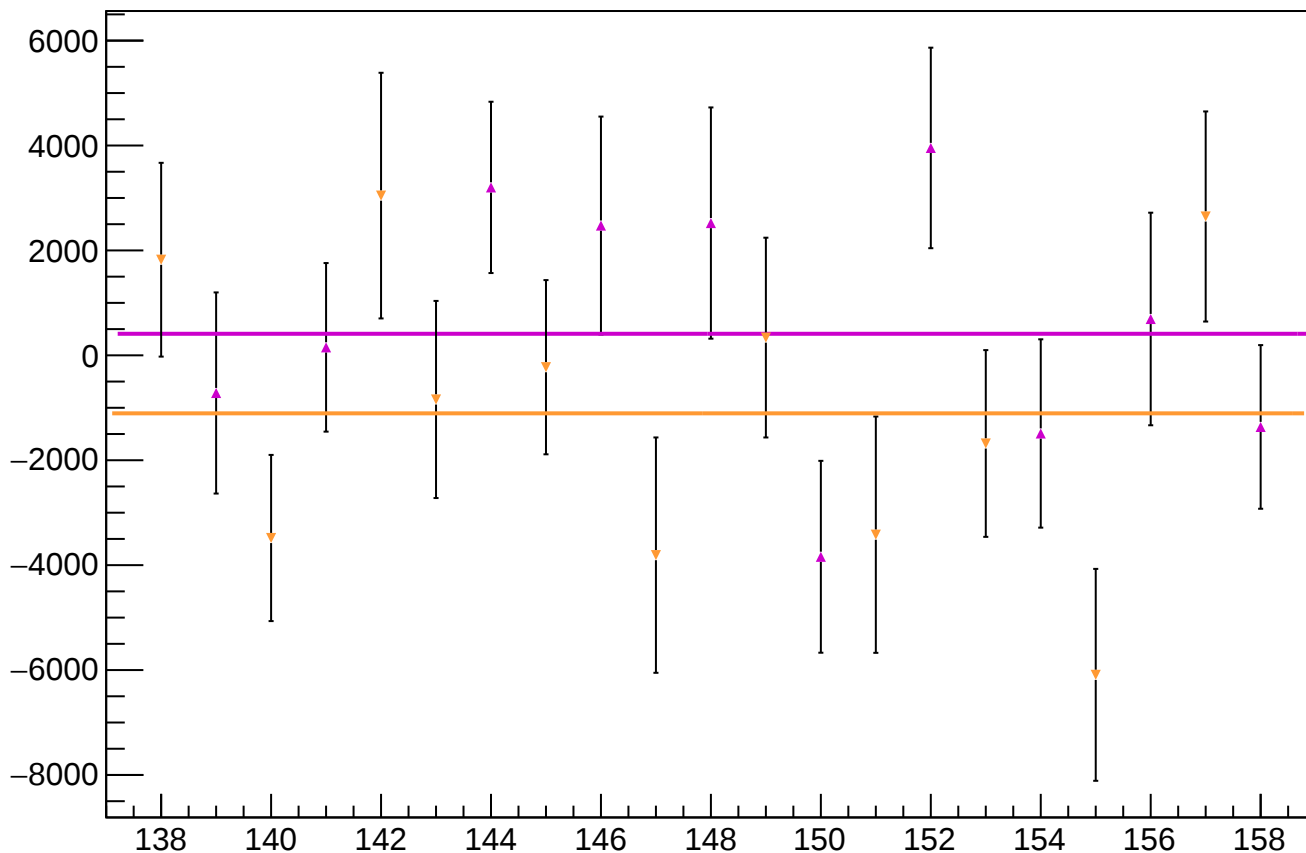
Left In: 219.249+/-0.054 χ^2/NDF : 102678.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.012+/-0.038 χ^2/NDF : 207373.9/20

- 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: -1105.966+/-577.216 χ^2/NDF : 21.0/10

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

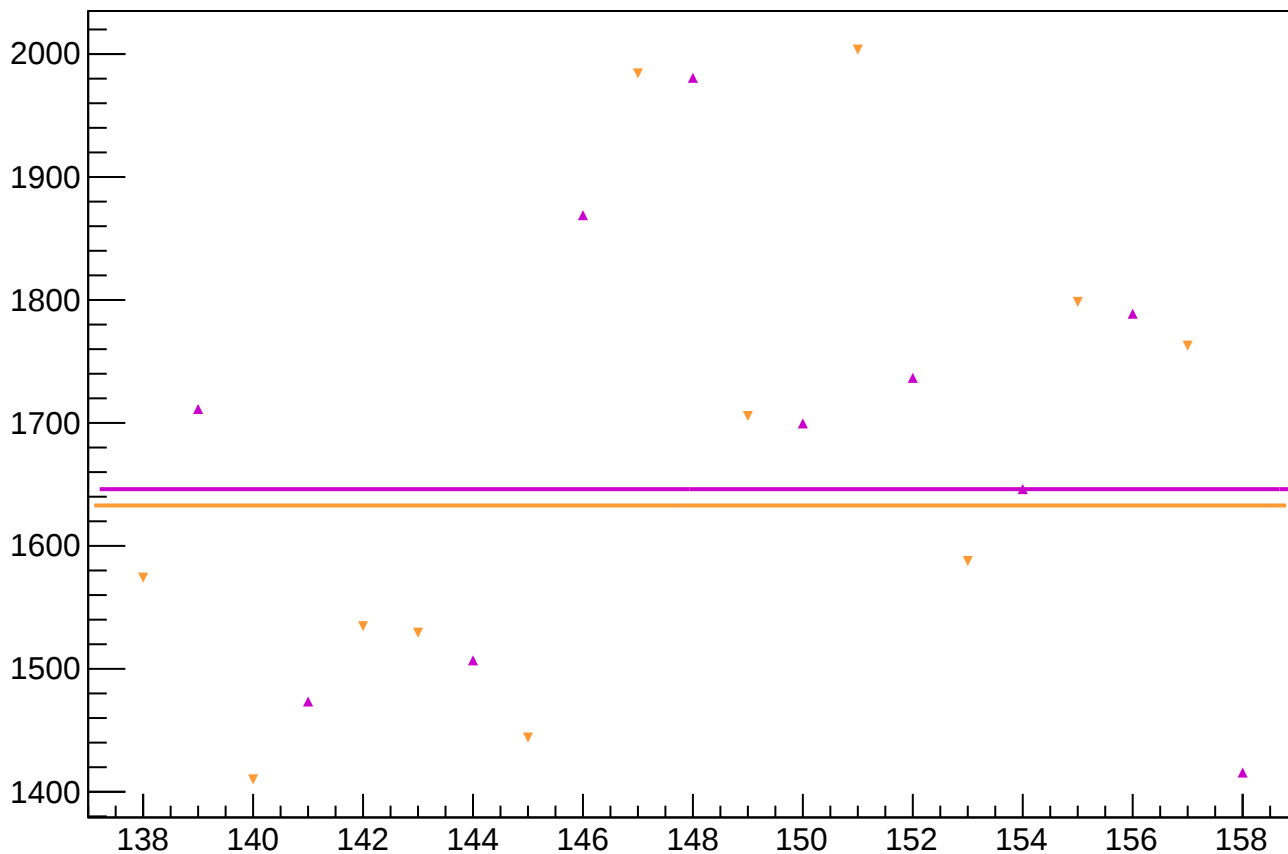
Left In: 410.793+/-576.456 χ^2/NDF : 16.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.588+/-407.885 χ^2/NDF : 40.9/20

- 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: 1632.863+/-0.408 χ^2/NDF : 206323.1/10

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

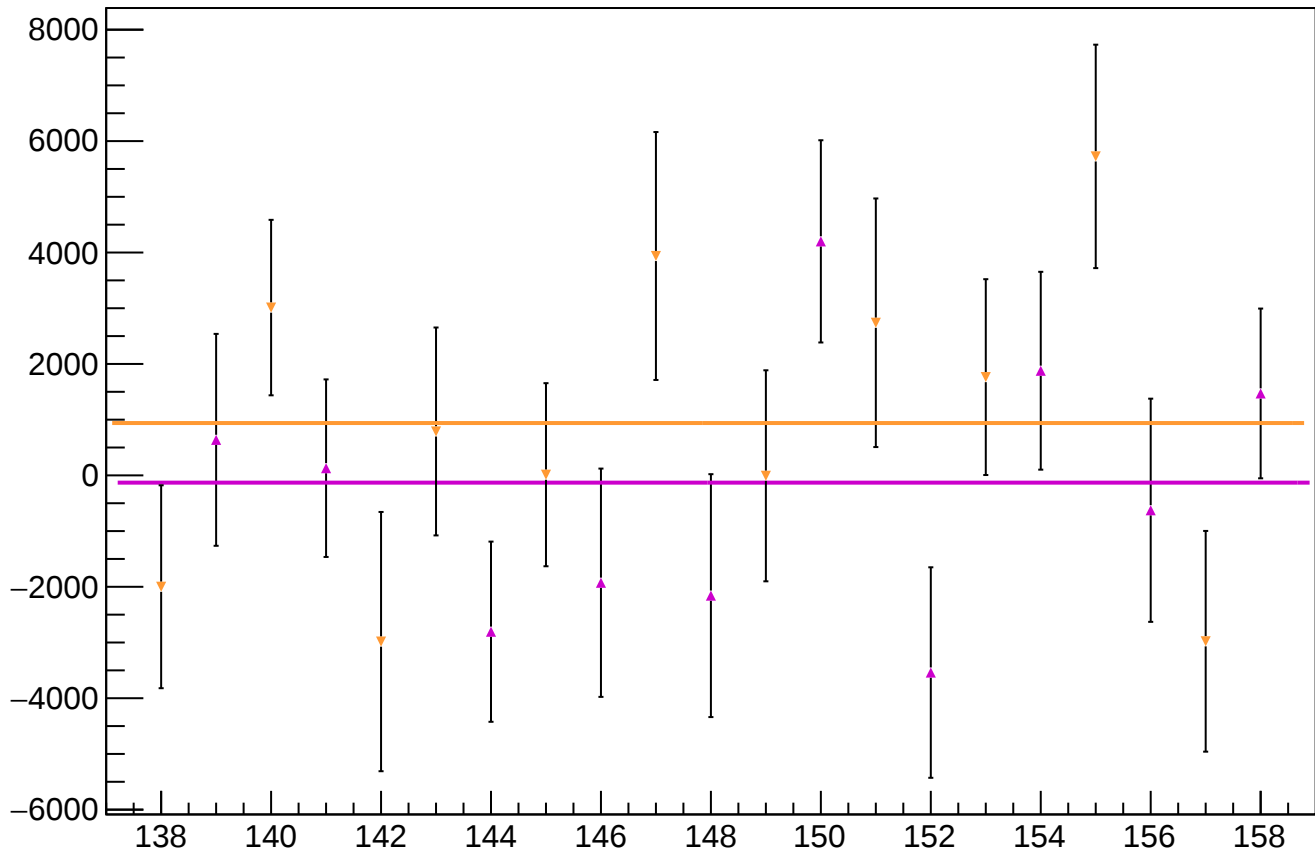
Left In: 1646.131+/-0.408 χ^2/NDF : 168799.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1639.506+/-0.288 χ^2/NDF : 375651.7/20

- 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: 939.350+/-572.033 χ^2/NDF : 20.0/10

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

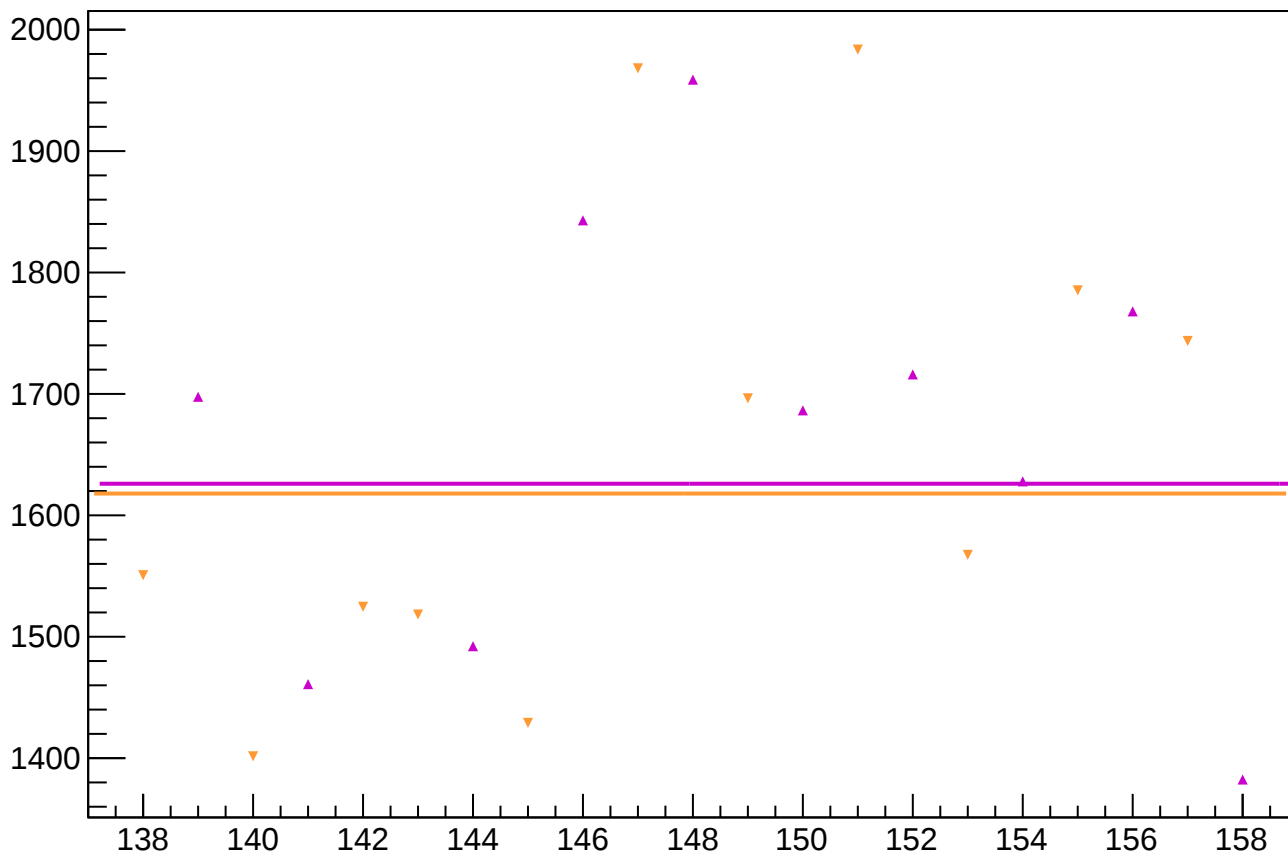
Left In: -130.480+/-569.585 χ^2/NDF : 16.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.141+/-403.620 χ^2/NDF : 37.8/20

- 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: 1617.947+/-0.404 χ^2/NDF : 206184.8/10

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

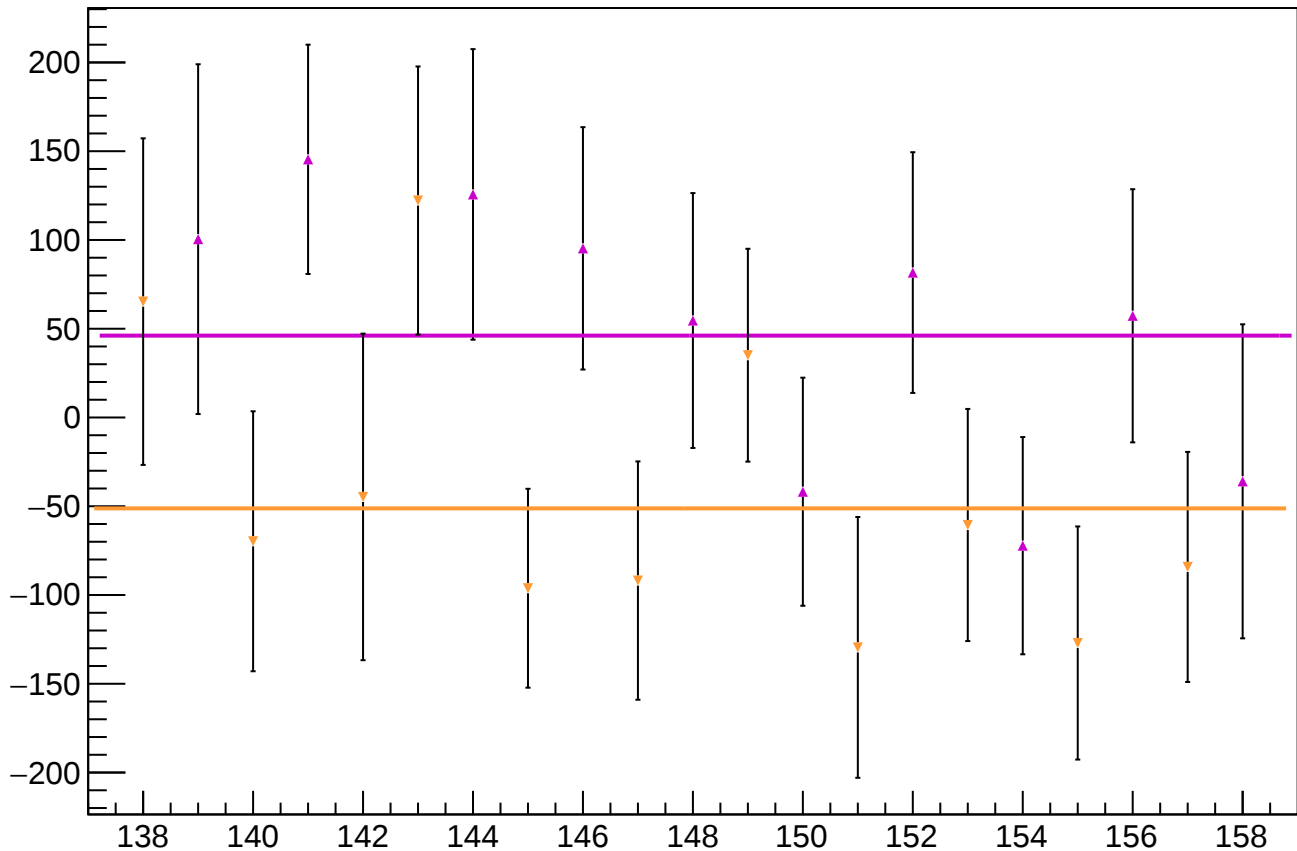
Left In: 1626.031+/-0.403 χ^2/NDF : 174975.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1622.007+/-0.285 χ^2/NDF : 381360.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -51.207+/-20.822 χ^2/NDF :12.8/10

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

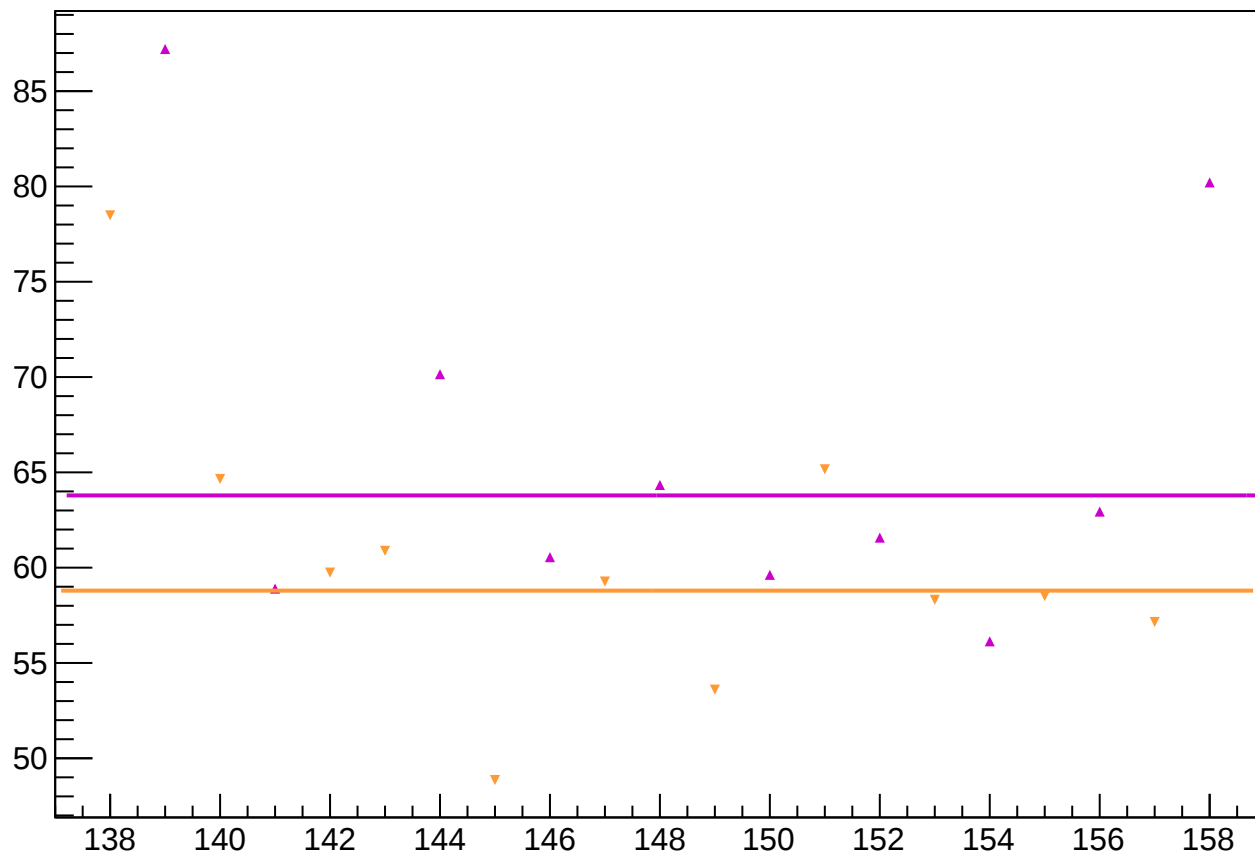
Left In: 46.119+/-22.633 χ^2/NDF :10.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.592+/-15.324 χ^2/NDF : 33.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 58.795+/-0.015 χ^2/NDF :200670.5/10

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

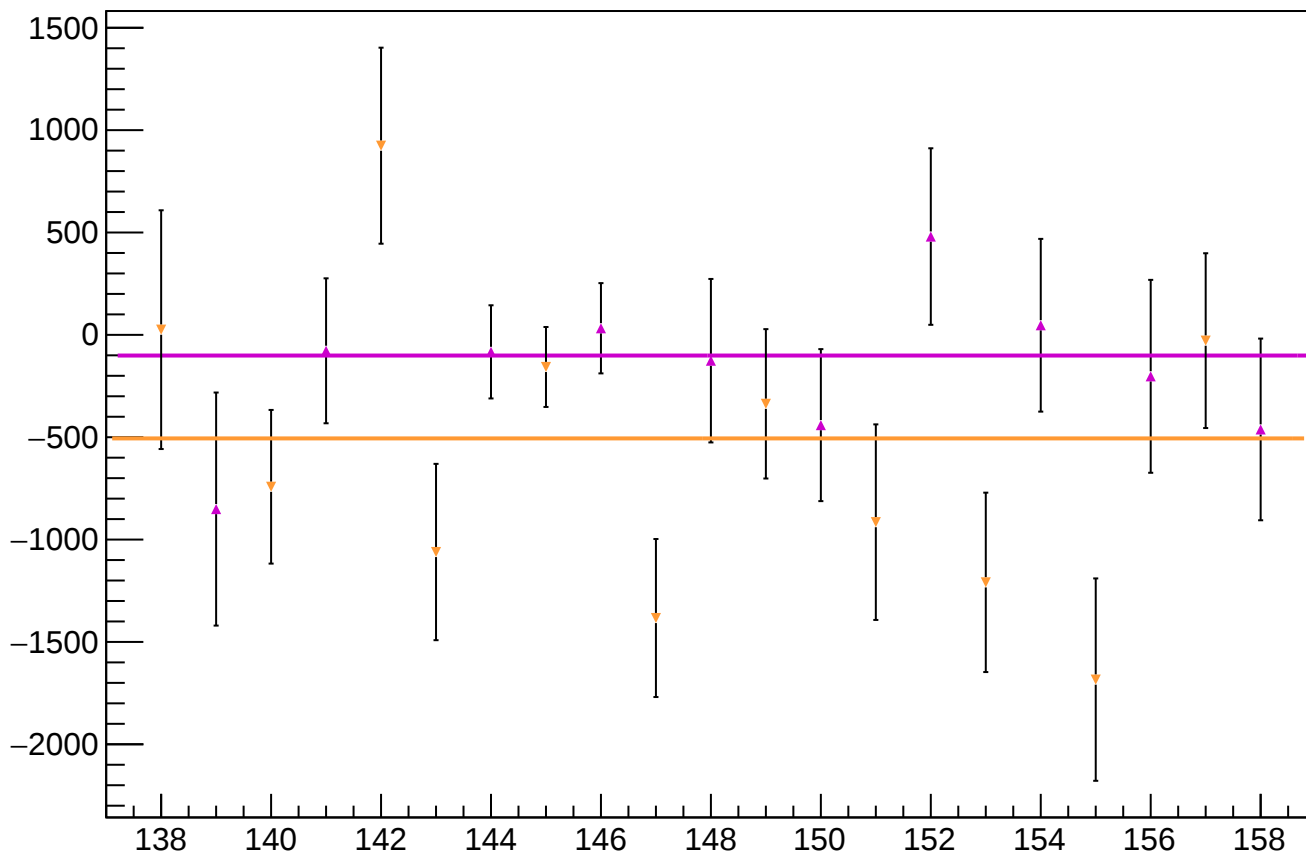
Left In: 63.790+/-0.016 χ^2/NDF :252247.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.084+/-0.011 χ^2/NDF : 505680.0/20

- 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: -505.834+/-112.222 χ^2/NDF : 30.6/10

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

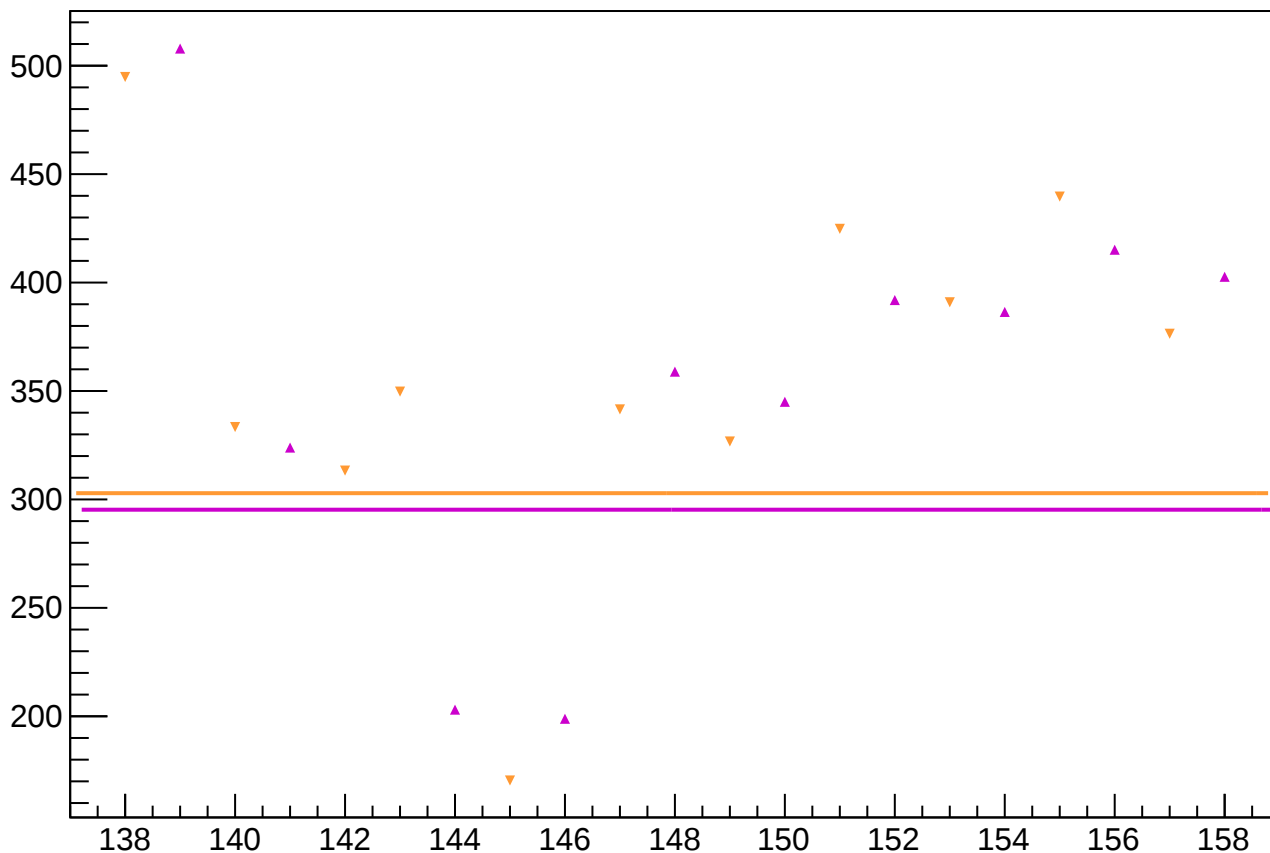
Left In: -100.993+/-108.430 χ^2/NDF : 5.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -296.459+/-77.978 χ^2/NDF : 43.0/20

- 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: 302.881+/-0.079 χ^2/NDF :1626700.8/10

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

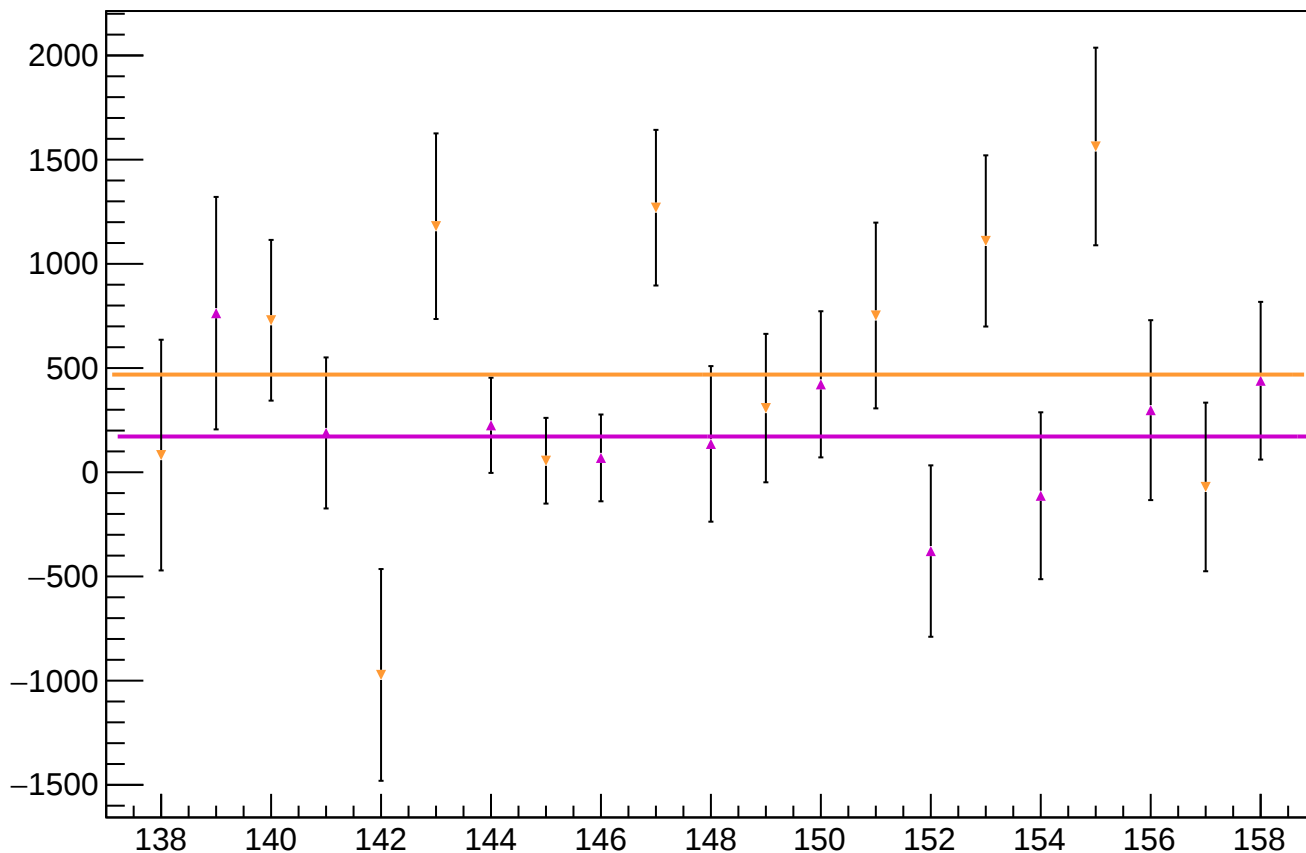
Left In: 295.262+/-0.077 χ^2/NDF :1530224.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.941+/-0.055 χ^2/NDF : 3161693.5/20

- 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: 468.754+/-112.424 χ^2/NDF : 30.3/10

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

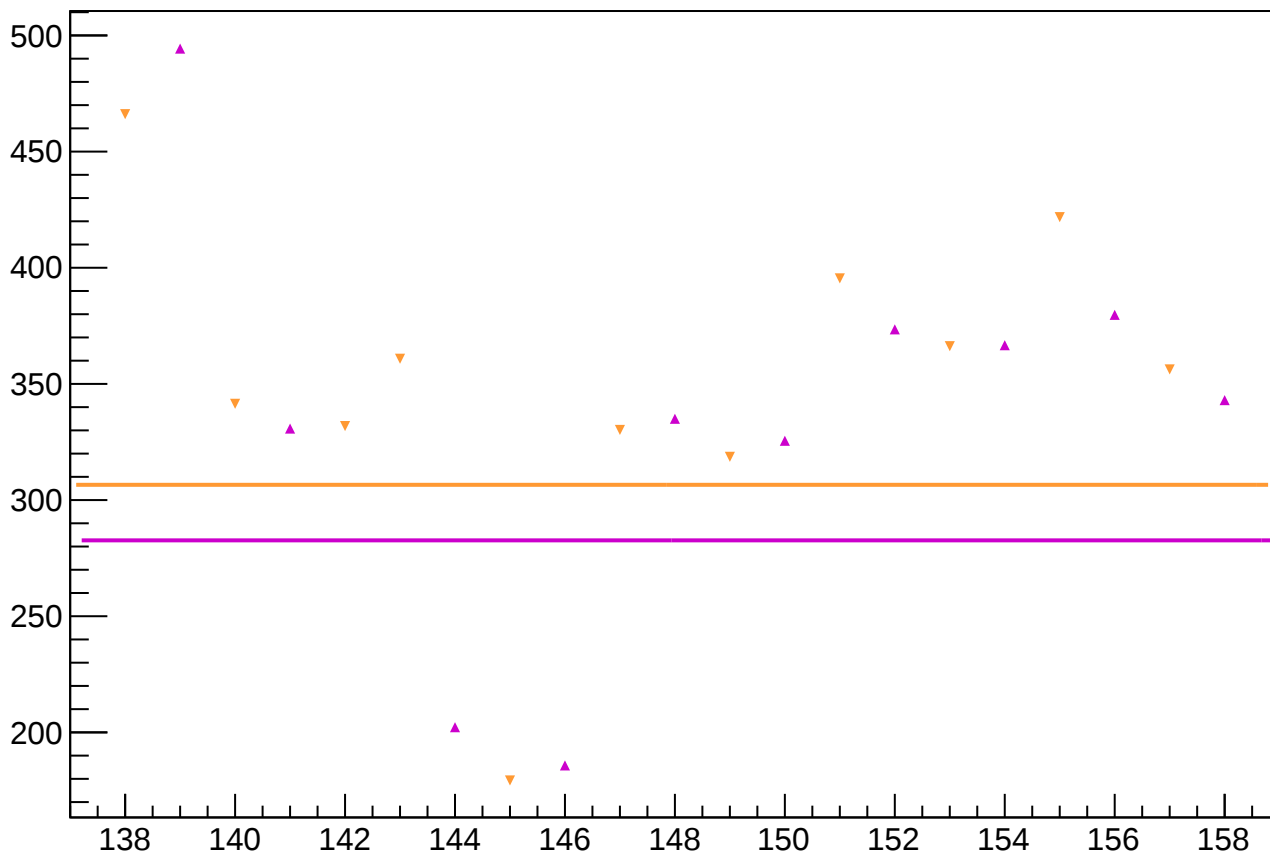
Left In: 171.576+/-103.774 χ^2/NDF : 4.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 308.294+/-76.254 χ^2/NDF : 38.9/20

- 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: 306.567+/-0.079 χ^2/NDF :1263117.2/10

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

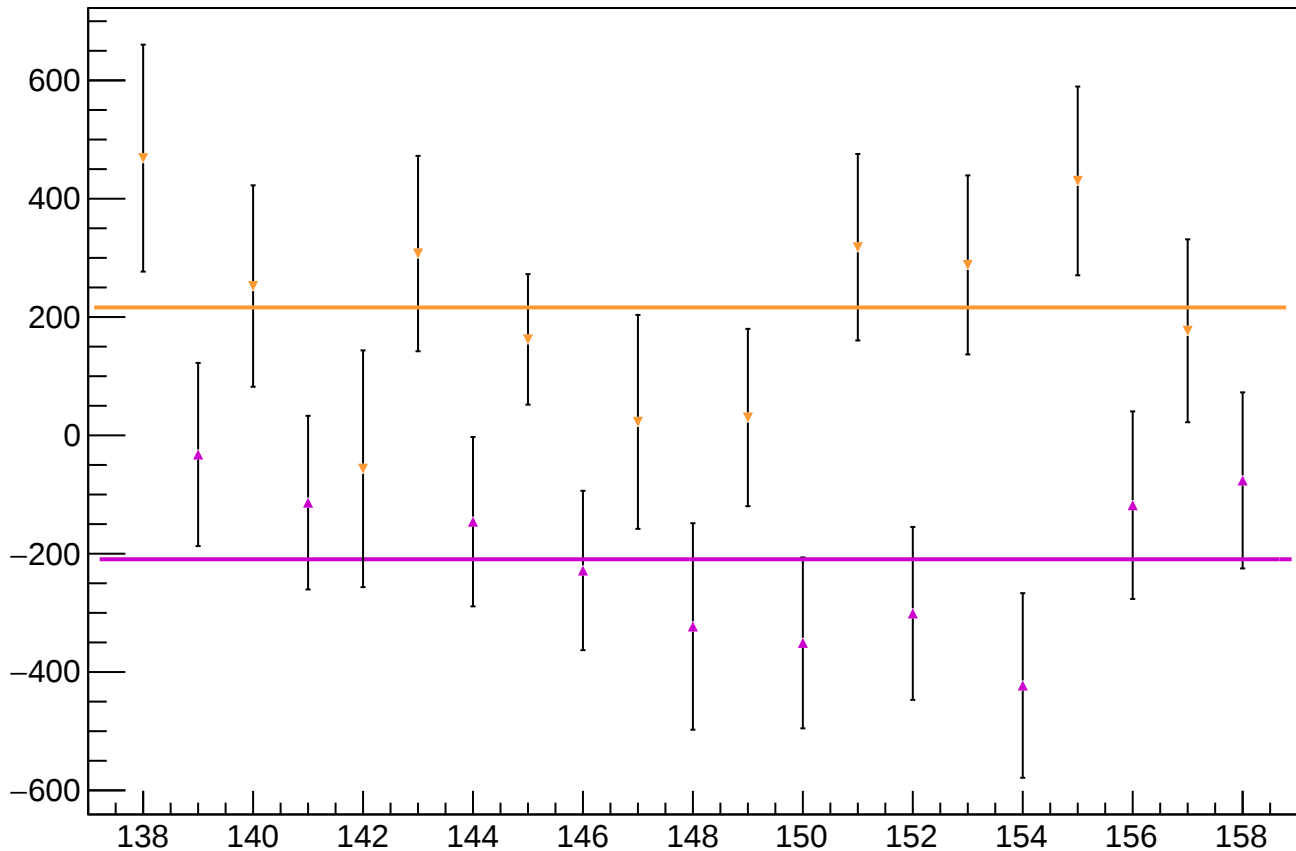
Left In: 282.658+/-0.073 χ^2/NDF :1410919.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.657+/-0.054 χ^2/NDF : 2722880.1/20

- 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: 216.182 $\pm$ 47.365 χ^2 /NDF: 9.4/10

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

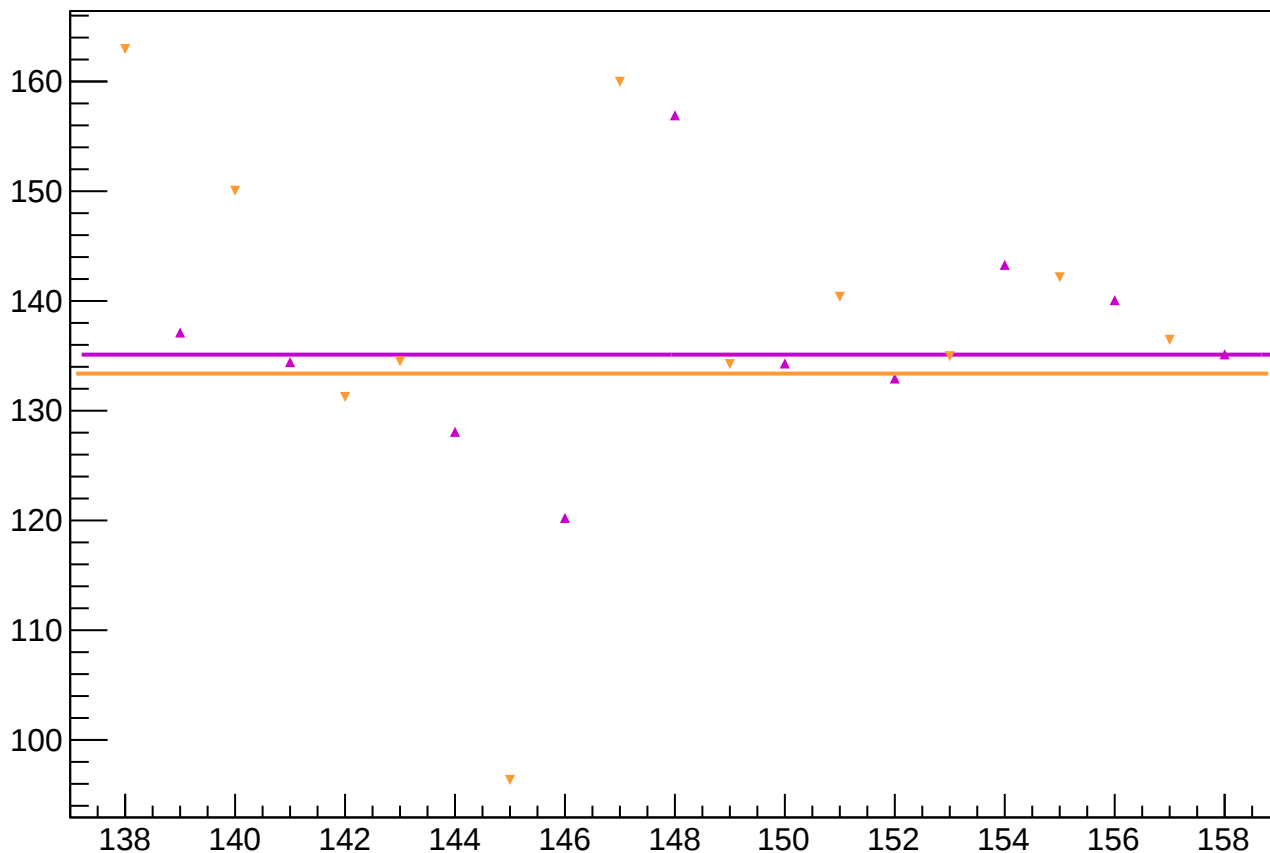
Left In: -209.412 $\pm$ 47.366 χ^2 /NDF: 6.7/9

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

All: 3.386 $\pm$ 33.492 χ^2 /NDF: 56.5/20

- 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: 133.383+/-0.033 χ^2/NDF : 346624.0/10

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

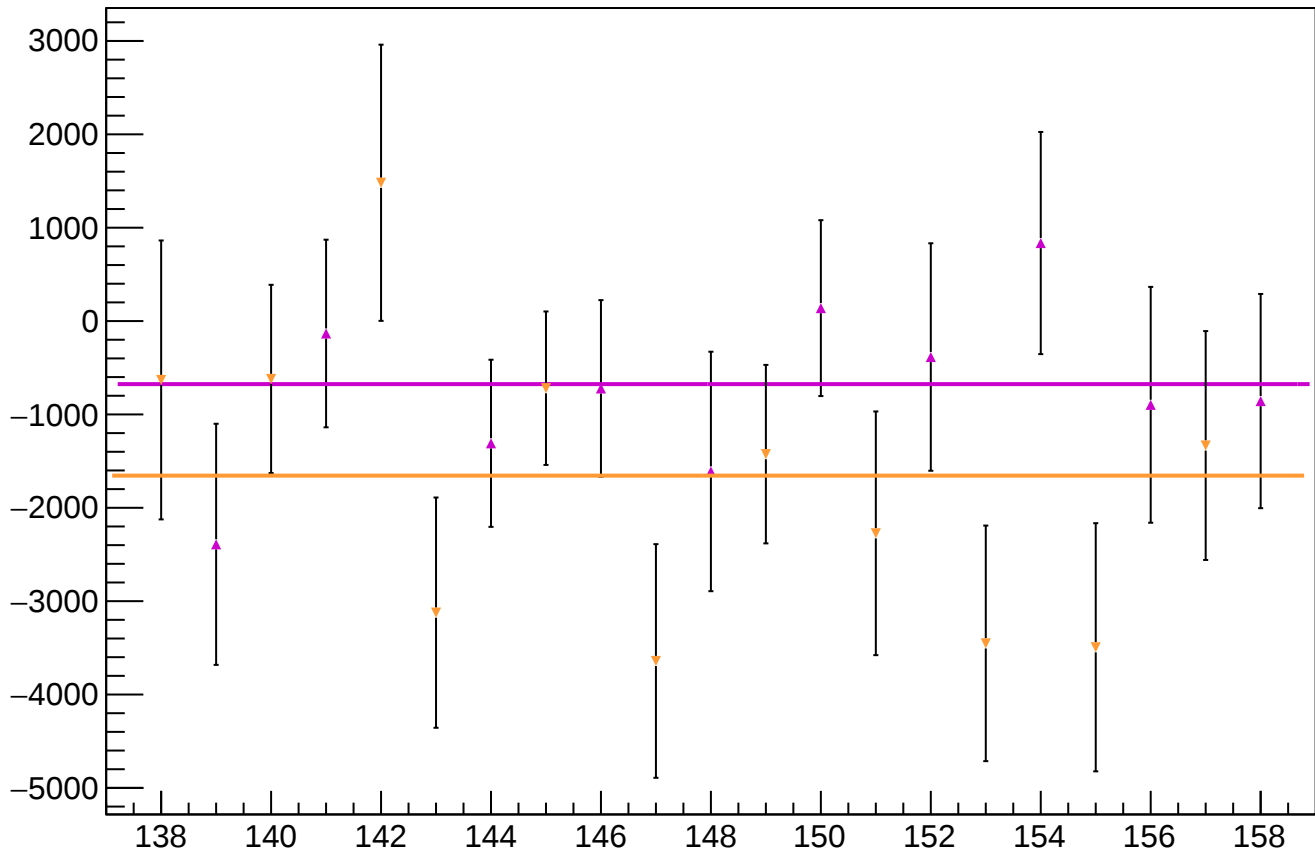
Left In: 135.111+/-0.033 χ^2/NDF : 68813.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.247+/-0.024 χ^2/NDF : 416768.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_mean vs Slug



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

Left Out: -1655.407+/-349.031 χ^2/NDF : 15.5/10

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

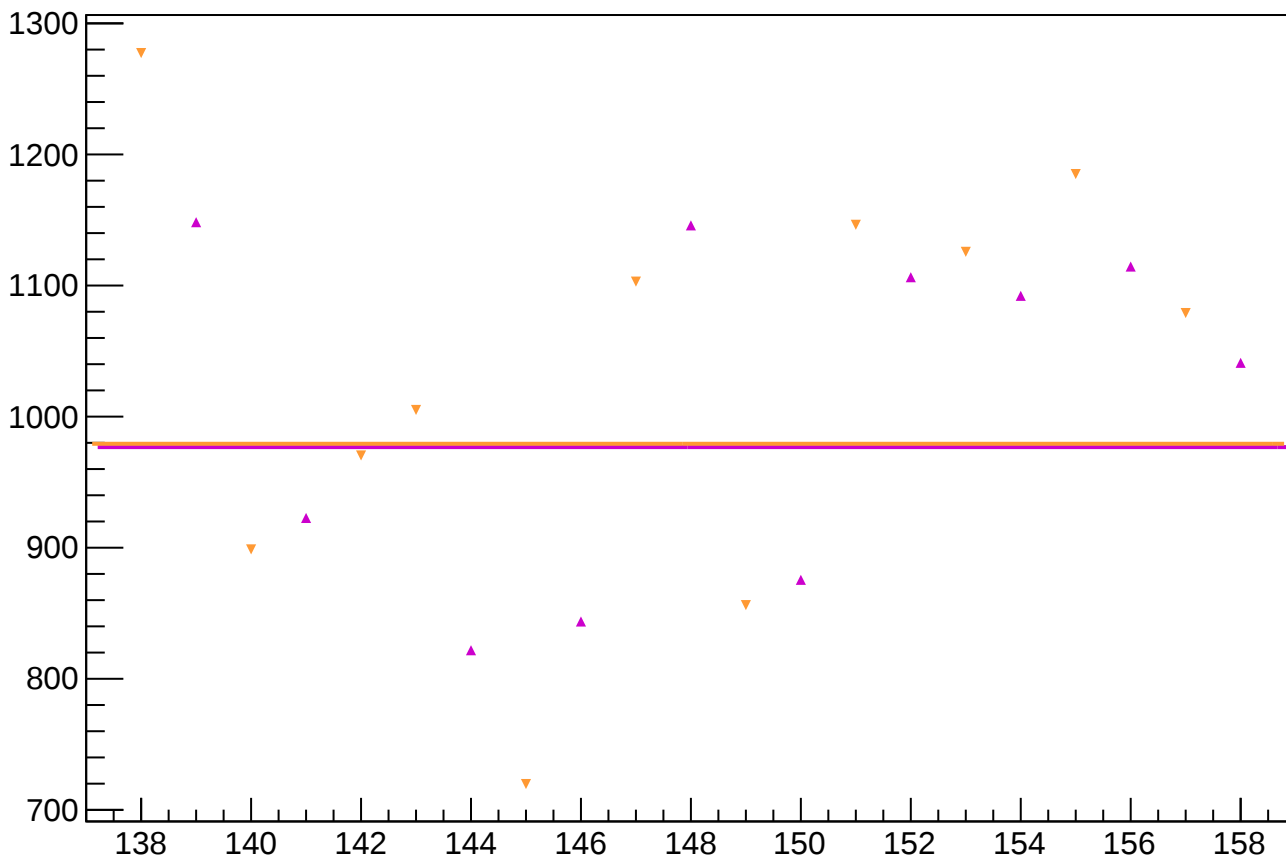
Left In: -675.318+/-343.820 χ^2/NDF : 5.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1157.992+/-244.939 χ^2/NDF : 25.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_rms vs Slug



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

Left Out: 979.290+/-0.247 χ^2/NDF : 466519.0/10

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

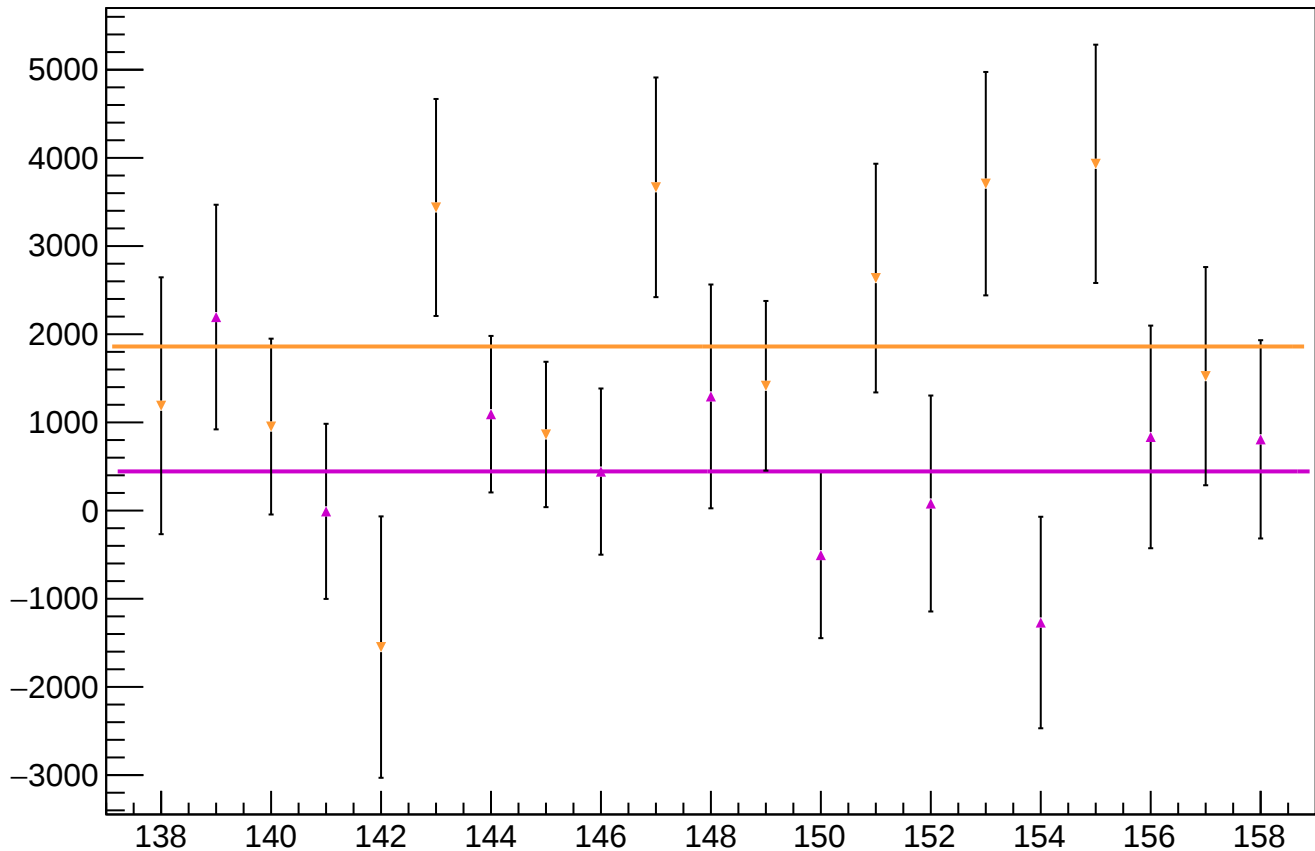
Left In: 976.744+/-0.243 χ^2/NDF : 270062.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.998+/-0.173 χ^2/NDF : 736635.5/20

- 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: 1860.961+/-349.069 χ^2/NDF : 16.7/10

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

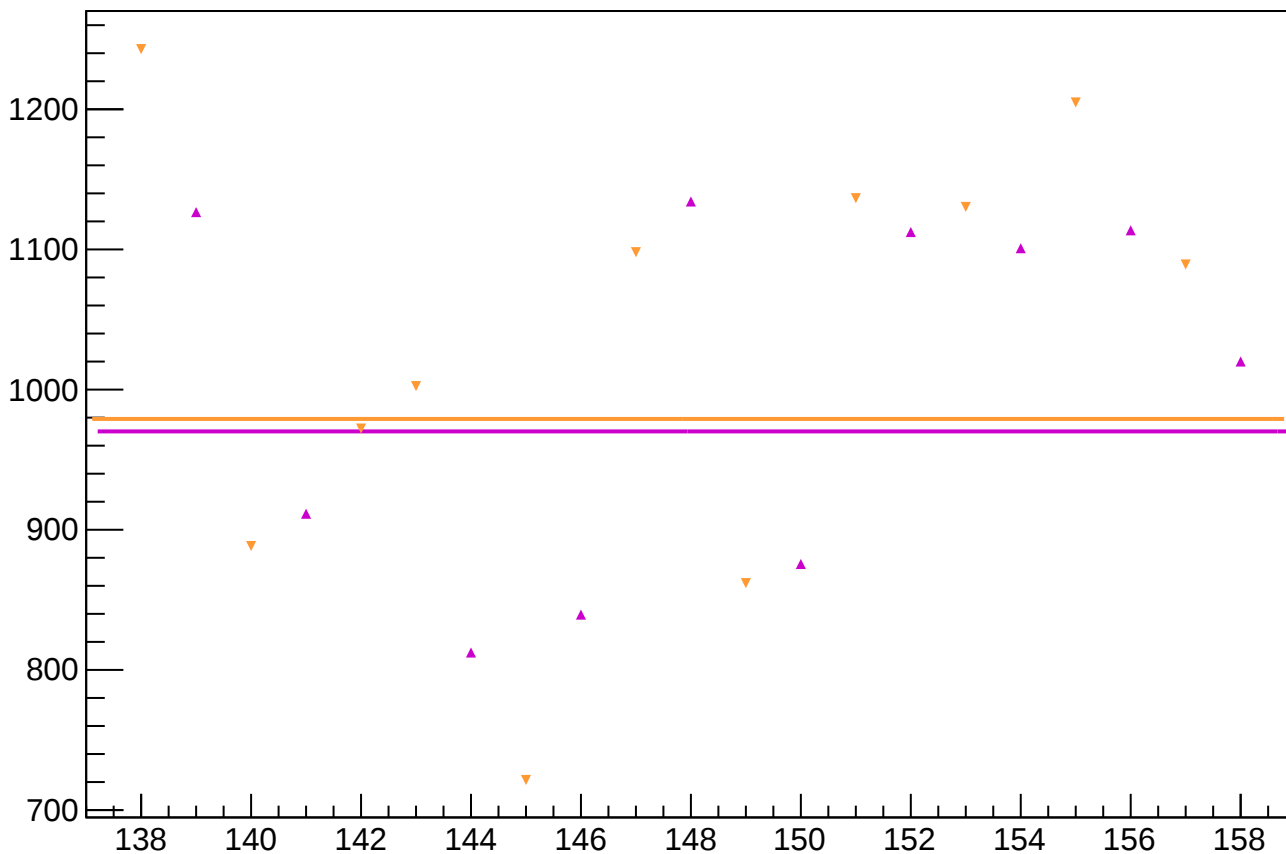
Left In: 444.079+/-341.934 χ^2/NDF : 6.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1137.890+/-244.267 χ^2/NDF : 31.5/20

- 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: 979.072+/-0.247 χ^2/NDF : 455817.1/10

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

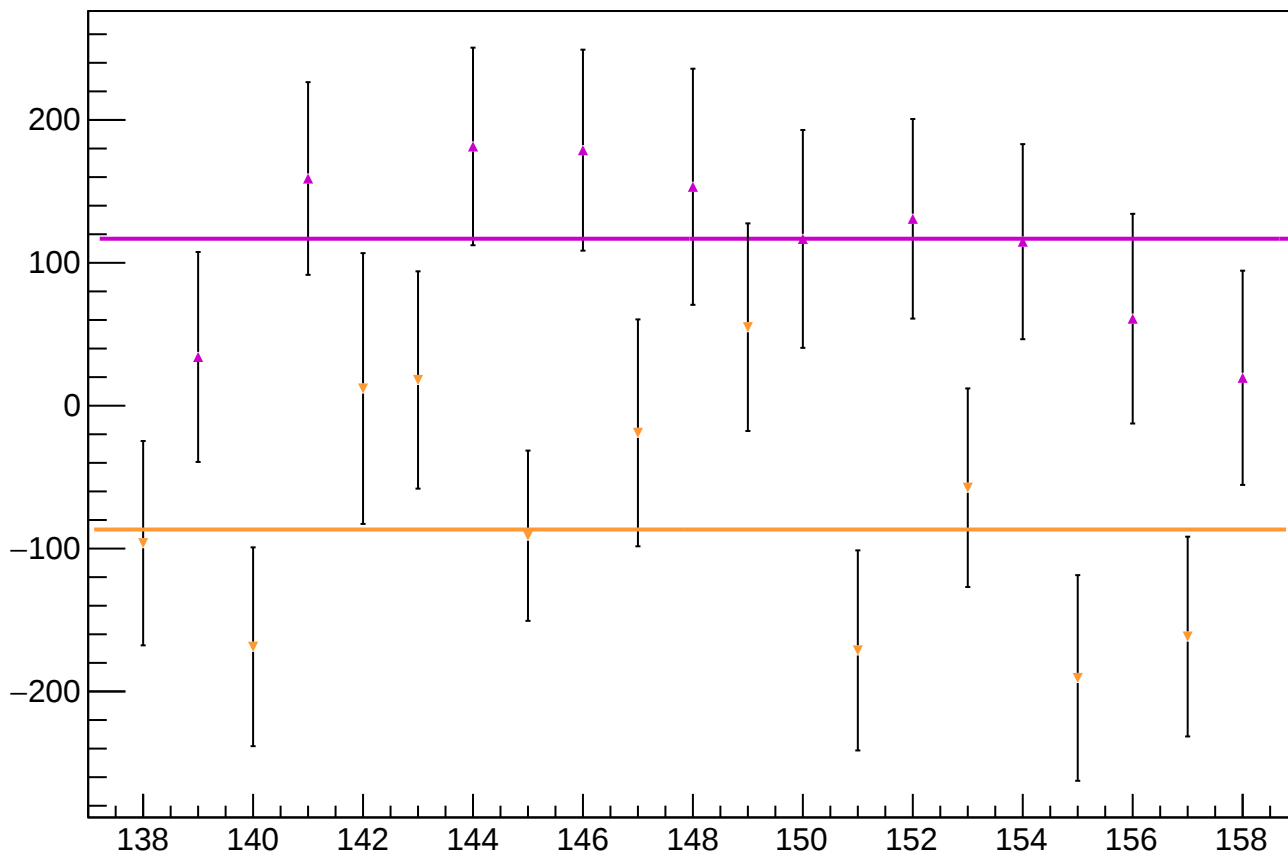
Left In: 970.168+/-0.242 χ^2/NDF : 272867.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.528+/-0.173 χ^2/NDF : 729349.0/20

- 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: -86.658 $\pm$ 21.694 χ^2 /NDF:13.8/10

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

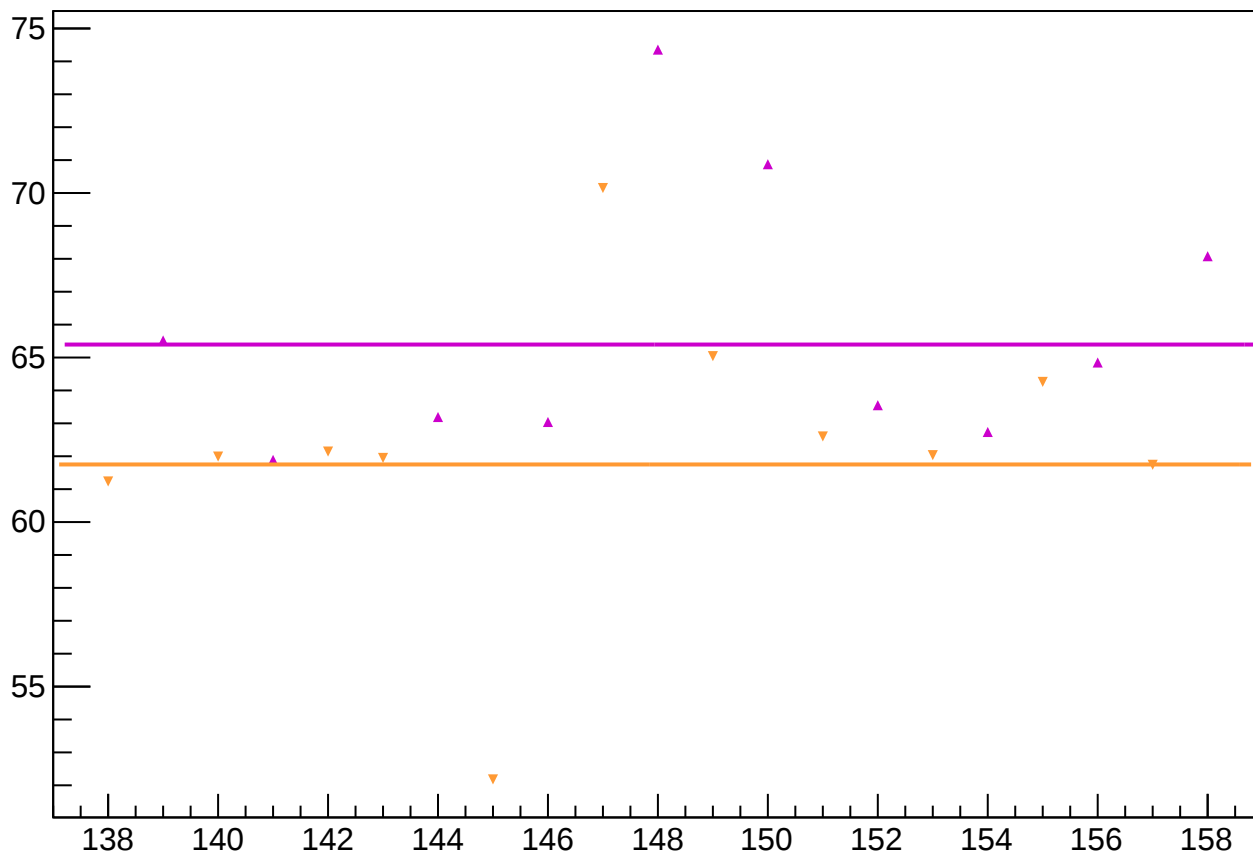
Left In: 116.865 $\pm$ 22.834 χ^2 /NDF:5.8/9

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

All: 9.896 $\pm$ 15.728 χ^2 /NDF: 61.4/20

- 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: 61.750+/-0.015 χ^2/NDF : 81040.6/10

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

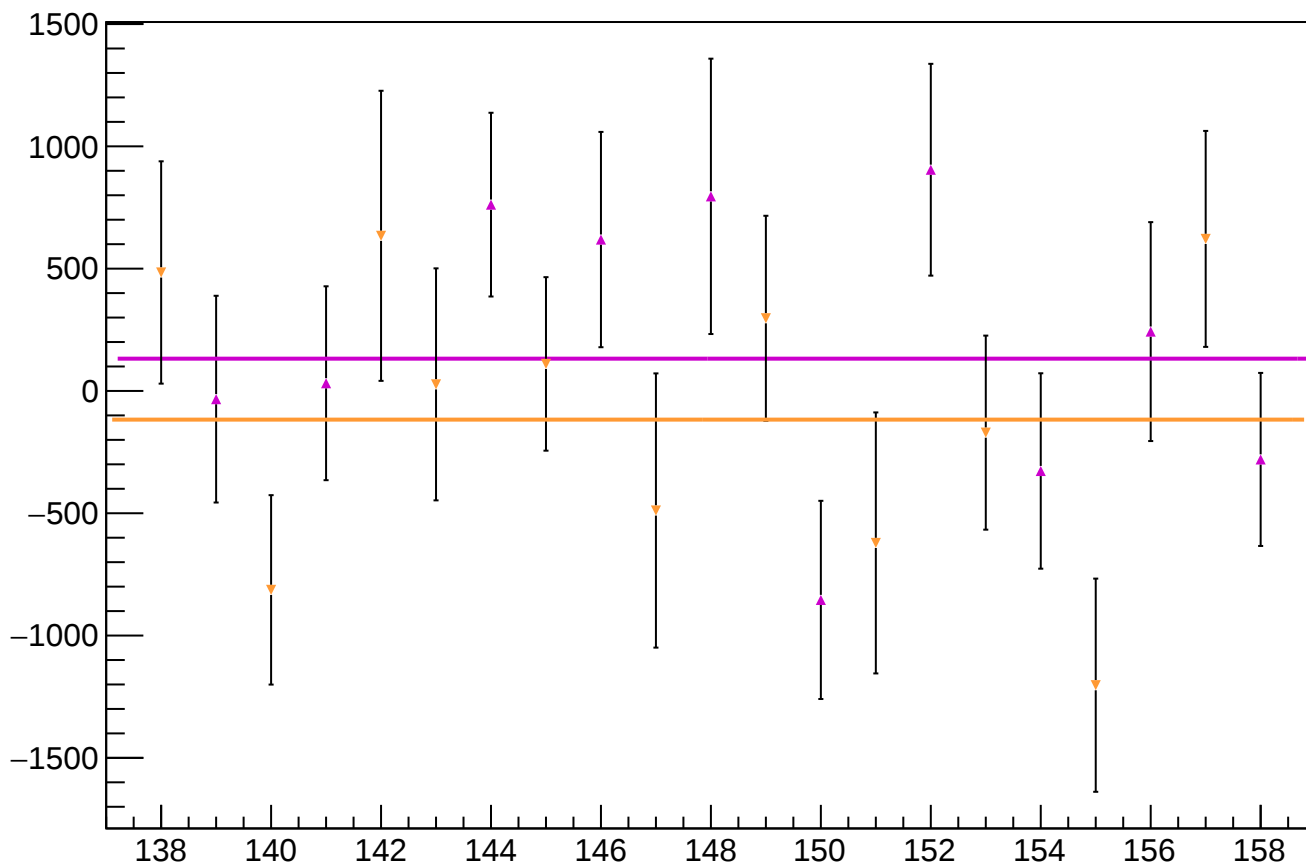
Left In: 65.395+/-0.016 χ^2/NDF : 50635.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.479+/-0.011 χ^2/NDF : 158448.7/20

- 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: -117.203+/-133.752 χ^2/NDF : 18.4/10

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

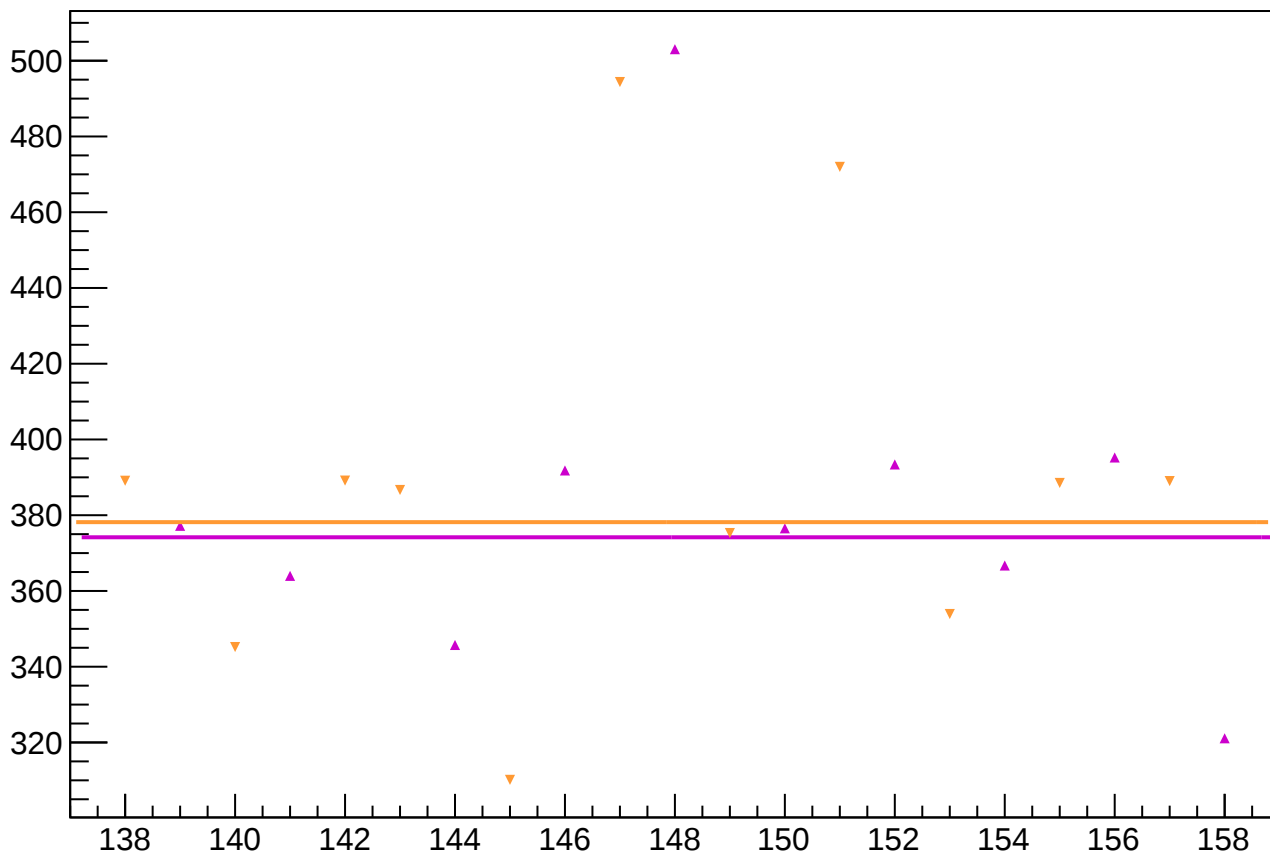
Left In: 131.966+/-131.244 χ^2/NDF : 17.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.739+/-93.678 χ^2/NDF : 37.7/20

- 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: 378.171+/-0.095 χ^2/NDF : 248287.1/10

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

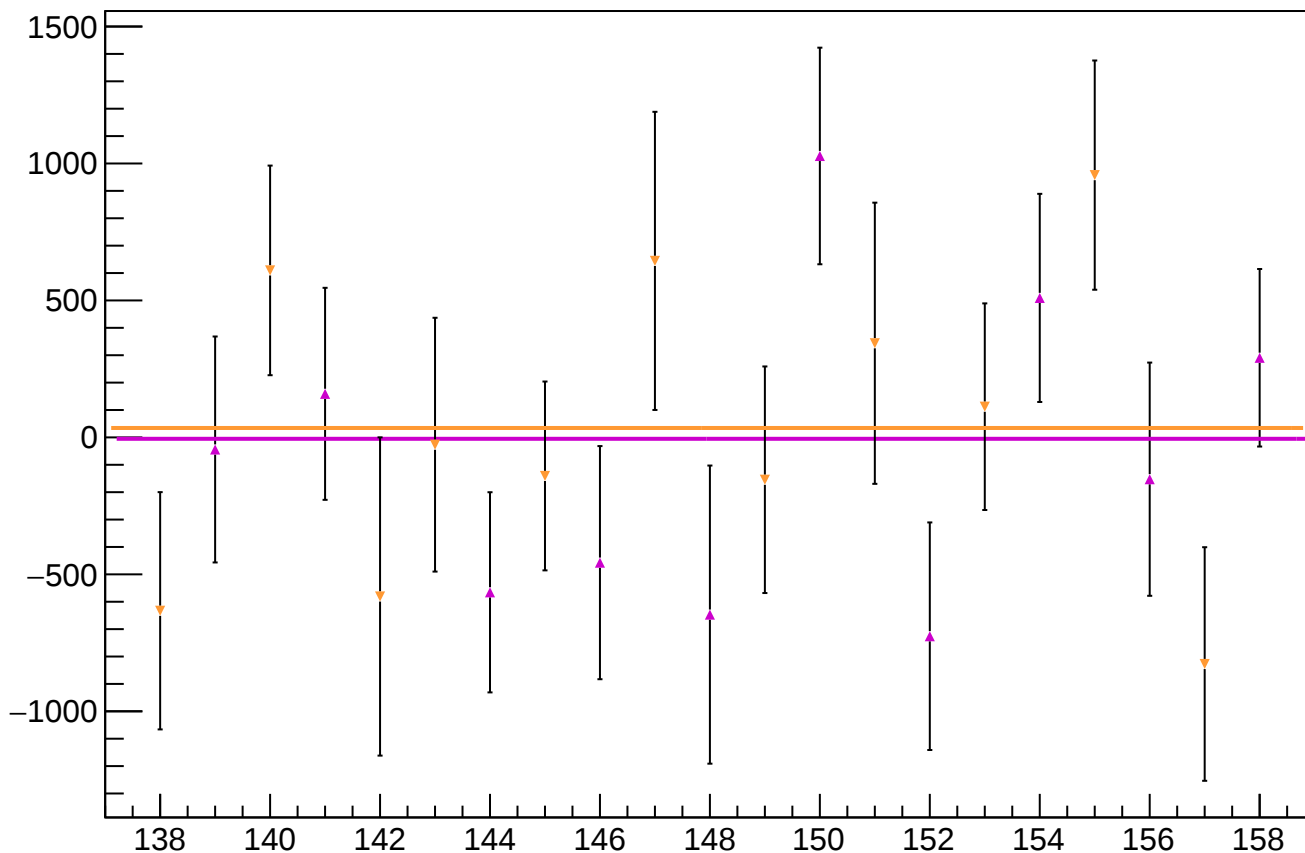
Left In: 374.174+/-0.093 χ^2/NDF : 175108.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.134+/-0.066 χ^2/NDF : 424305.4/20

- 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: 34.381+/-129.686 χ^2/NDF :16.9/10

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

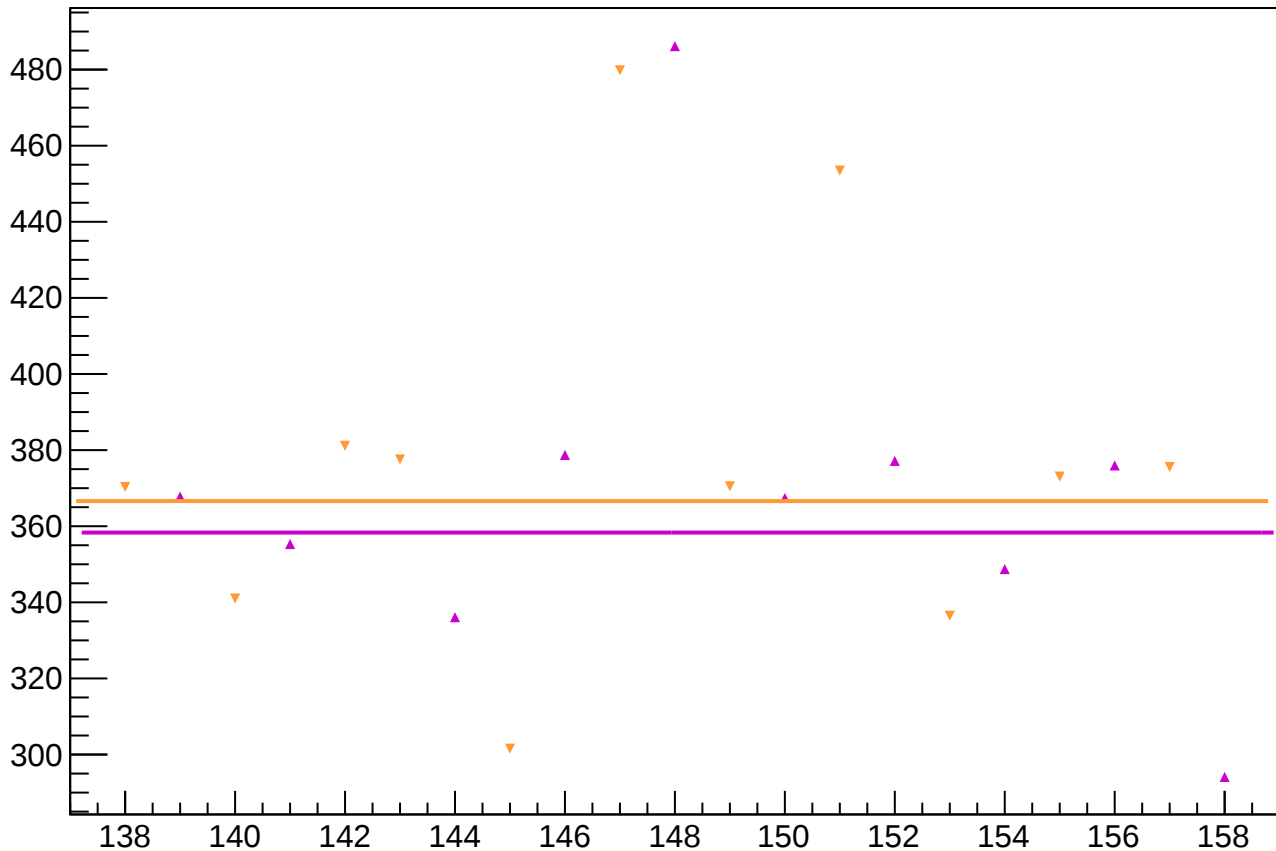
Left In: -5.123+/-125.887 χ^2/NDF :17.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.042+/-90.329 χ^2/NDF : 34.6/20

- 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: 366.607+/-0.092 χ^2/NDF : 240811.3/10

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

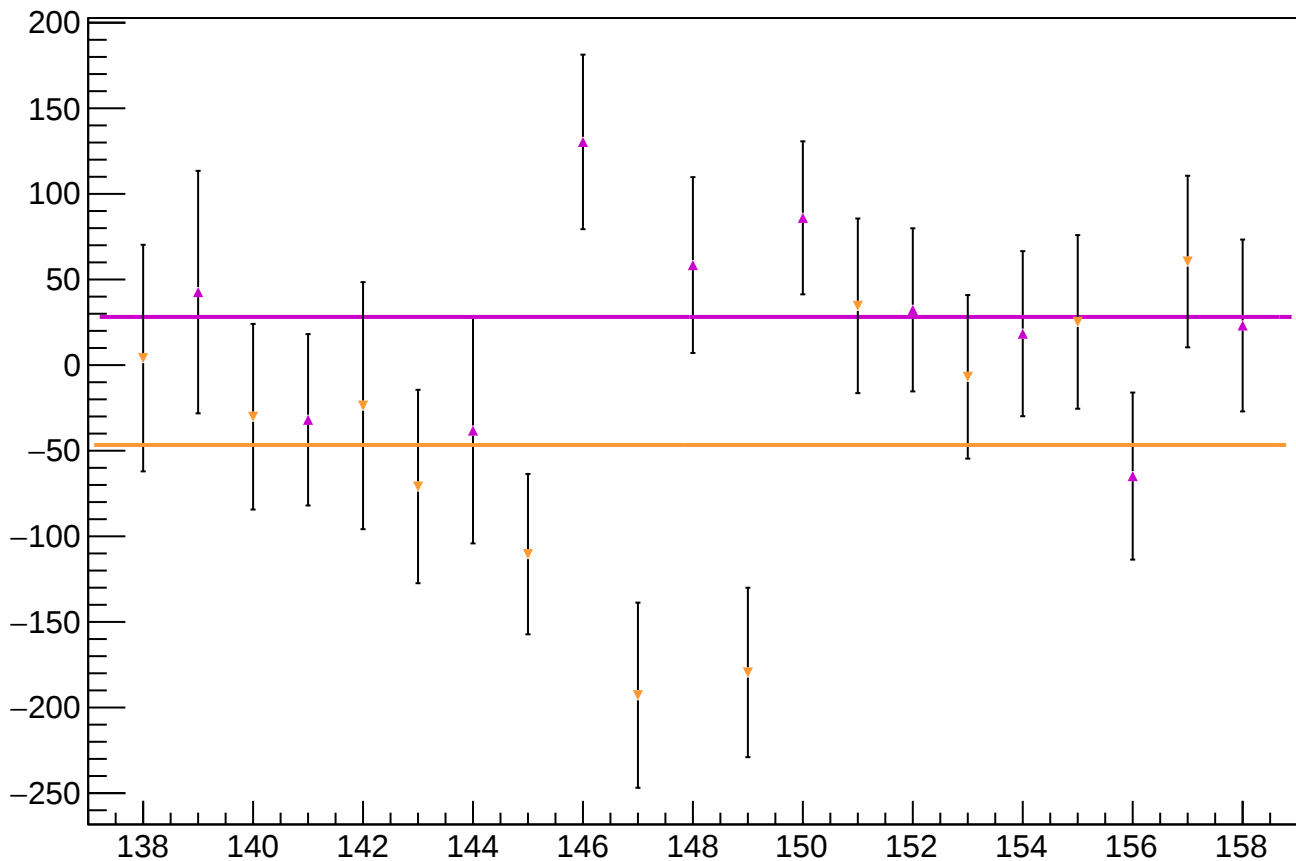
Left In: 358.336+/-0.089 χ^2/NDF : 211932.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.349+/-0.064 χ^2/NDF : 456932.1/20

- 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: -46.642 $\pm$ 16.032 χ^2 /NDF:27.1/10

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

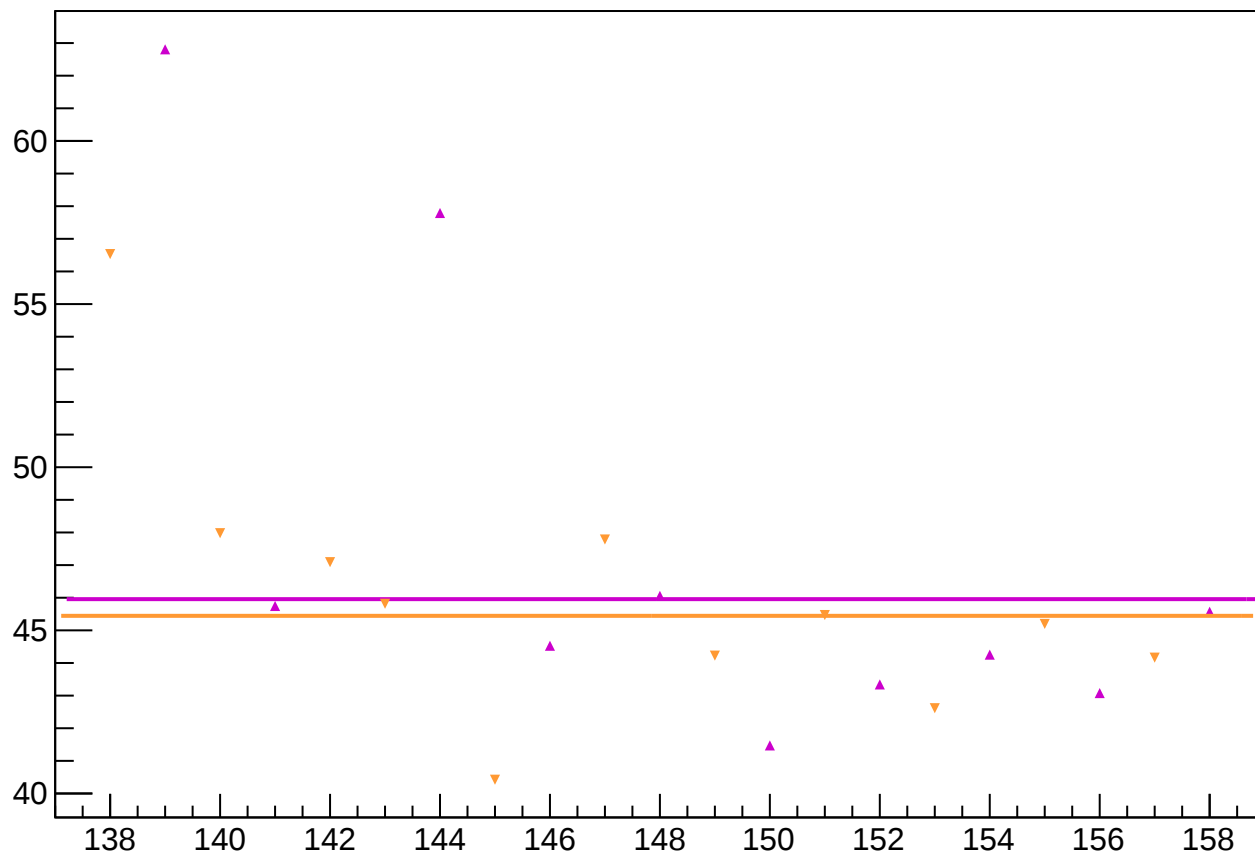
Left In: 28.142 $\pm$ 16.261 χ^2 /NDF:12.2/9

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

All: -9.780 $\pm$ 11.416 χ^2 /NDF: 50.1/20

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

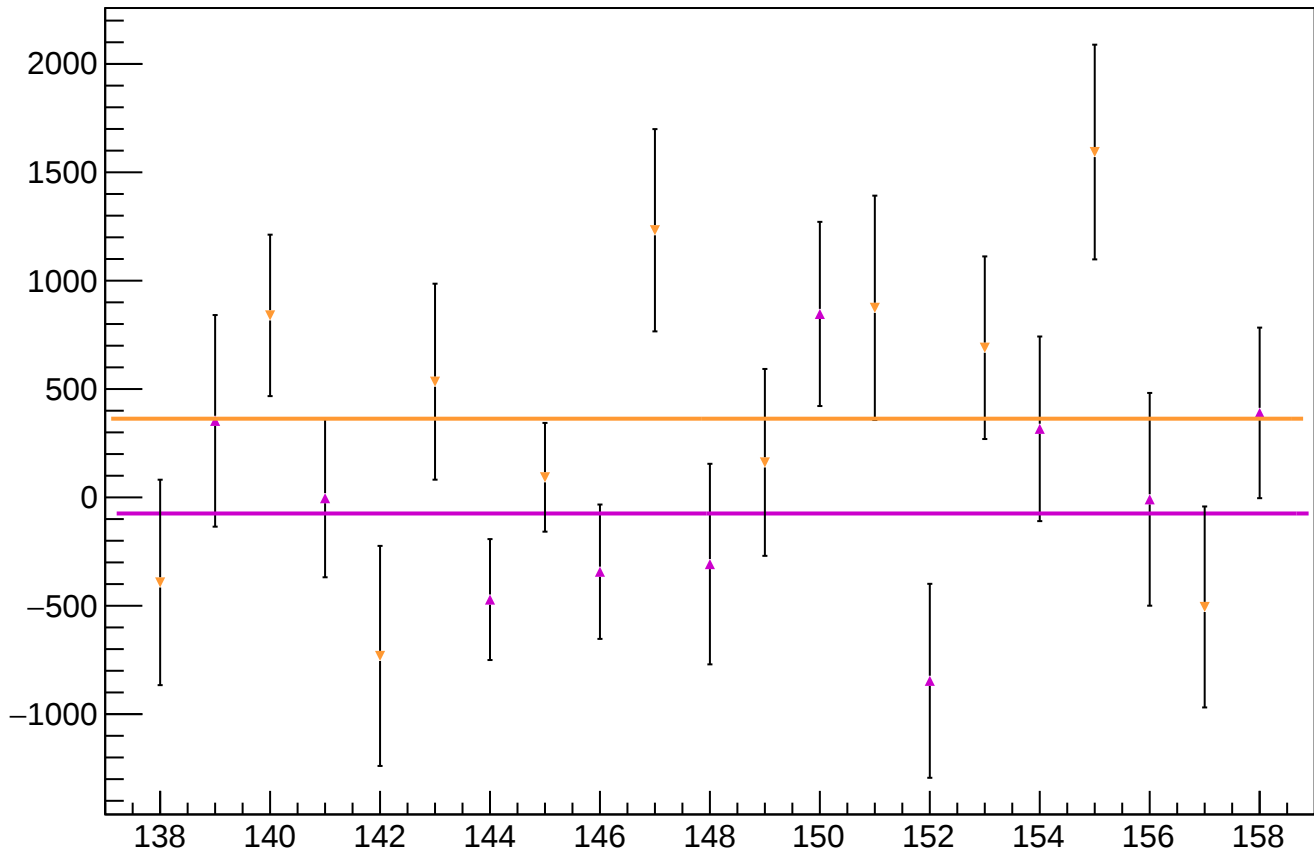
dit_asym_sam_15_37_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 45.445+/-0.011 χ^2/NDF : 97993.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 45.957+/-0.011 χ^2/NDF : 215114.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 45.697+/-0.008 χ^2/NDF : 314111.3/20
 - 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: 363.192+/-124.628 χ^2/NDF : 25.1/10

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

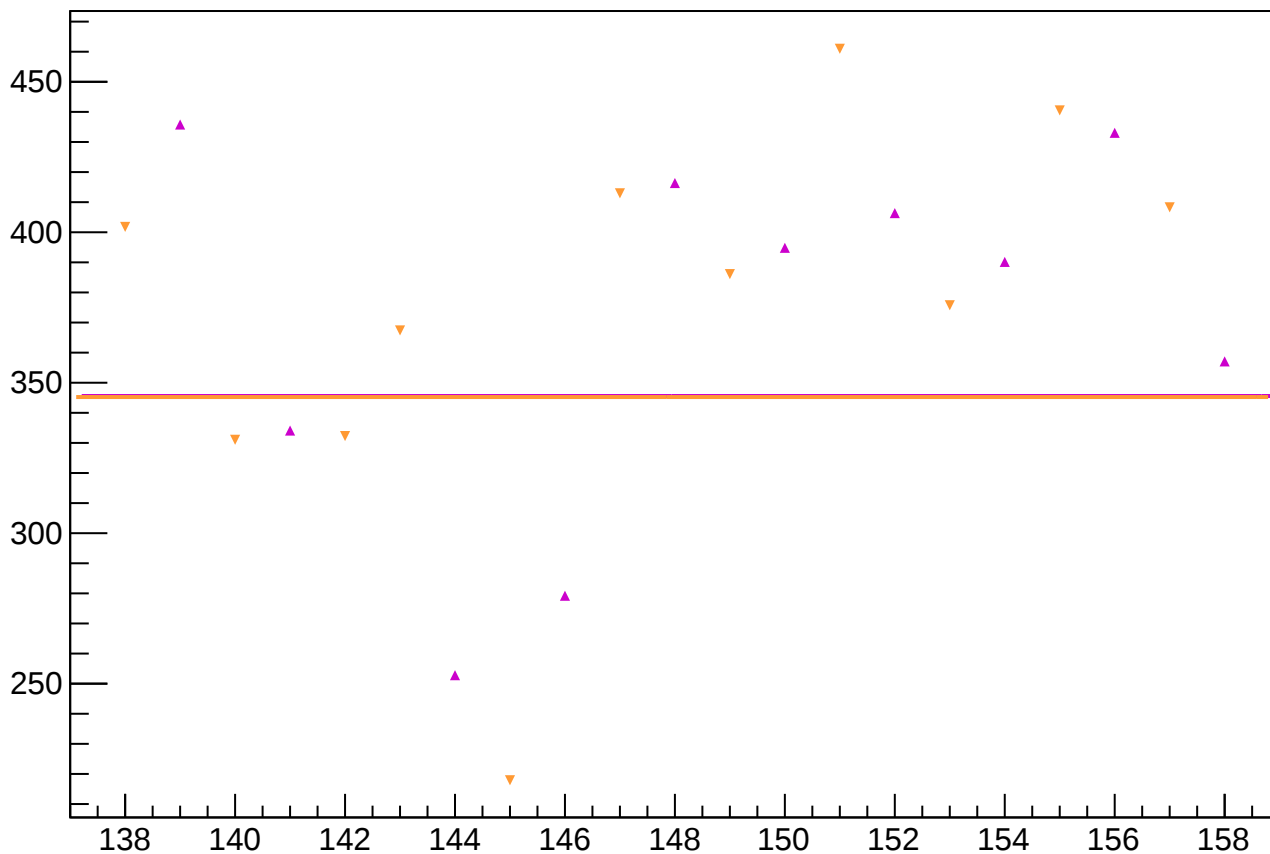
Left In: -74.214+/-122.833 χ^2/NDF : 13.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.316+/-87.484 χ^2/NDF : 45.1/20

- 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: 345.245+/-0.088 χ^2/NDF : 834154.0/10

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

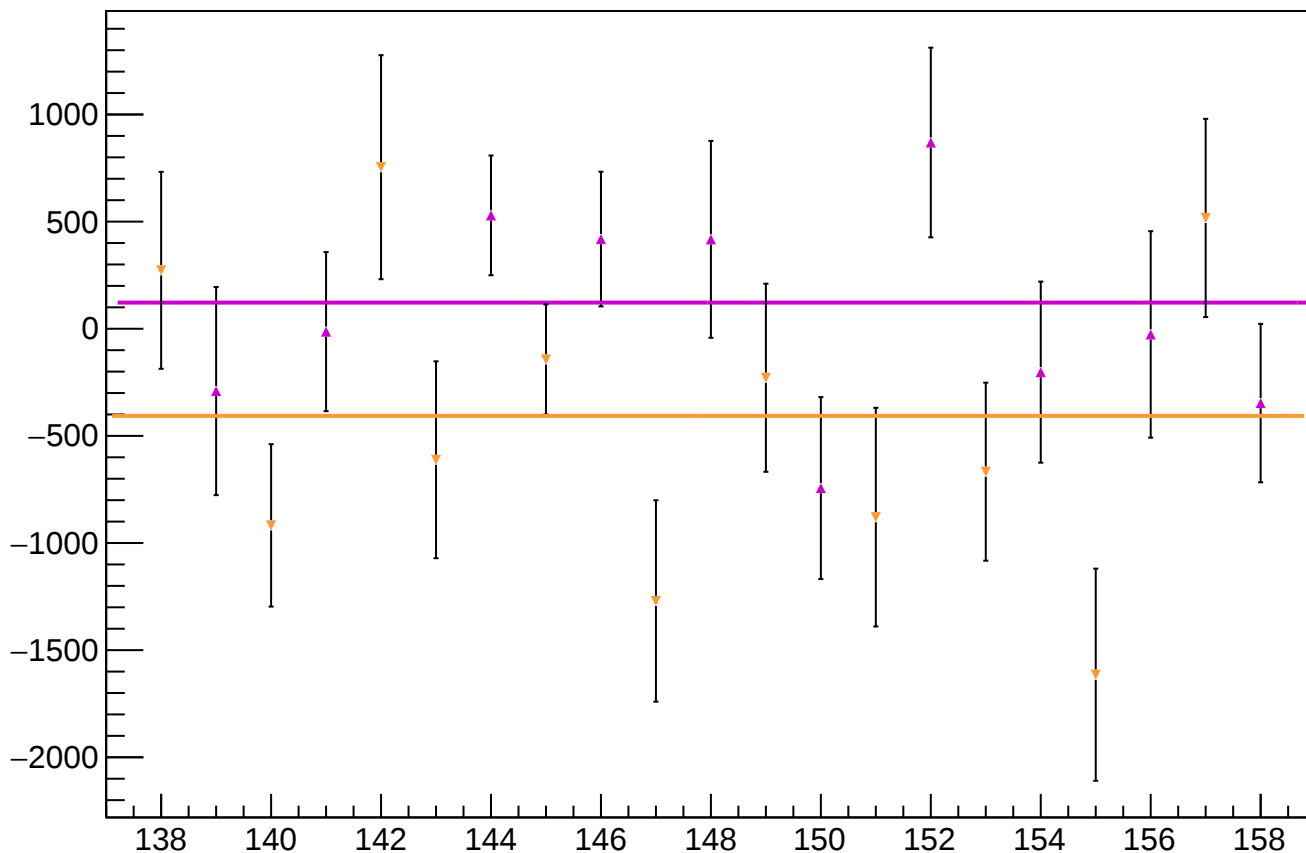
Left In: 345.585+/-0.087 χ^2/NDF : 580746.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.417+/-0.062 χ^2/NDF : 1414907.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -406.584+/-125.638 χ^2/NDF : 24.9/10

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

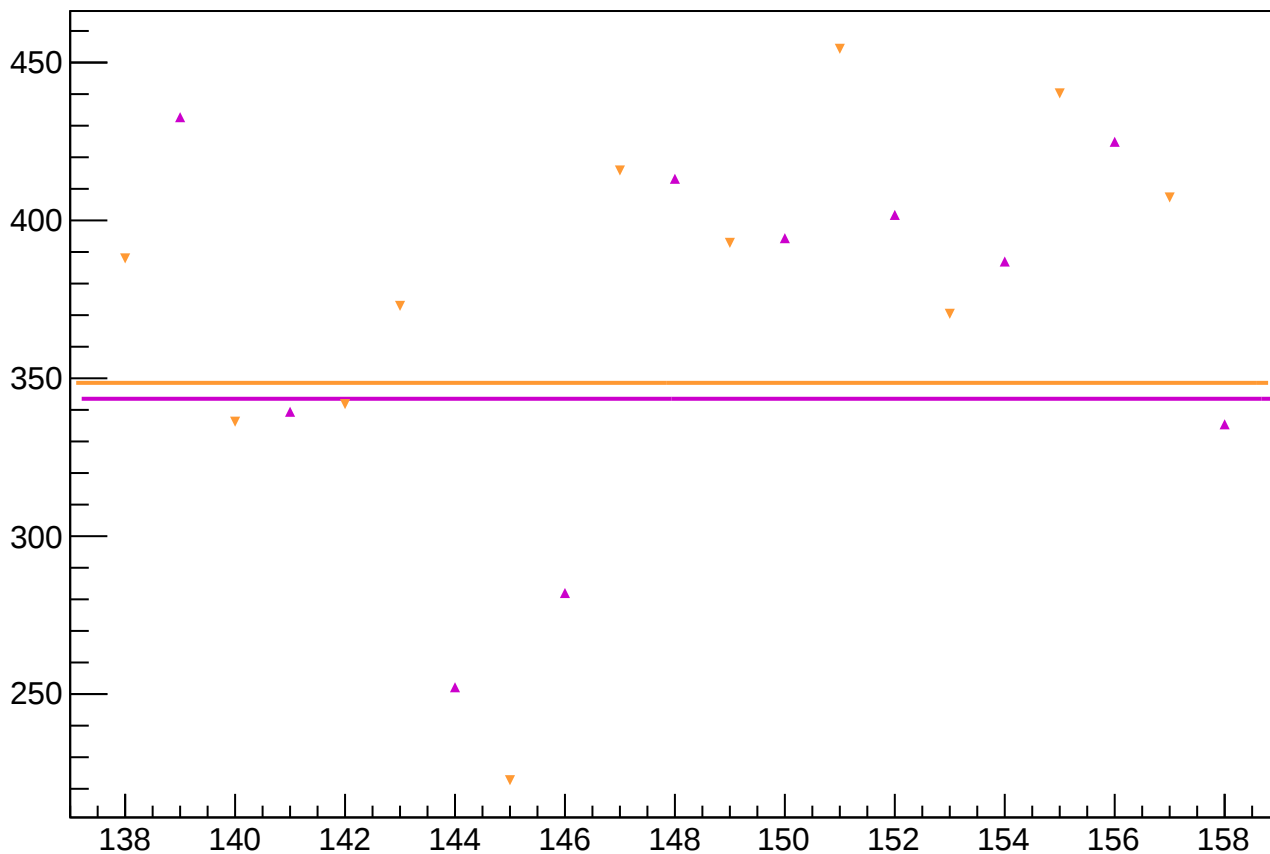
Left In: 122.127+/-122.138 χ^2/NDF : 13.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.762+/-87.576 χ^2/NDF : 47.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 348.560+/-0.089 χ^2/NDF : 756399.4/10

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

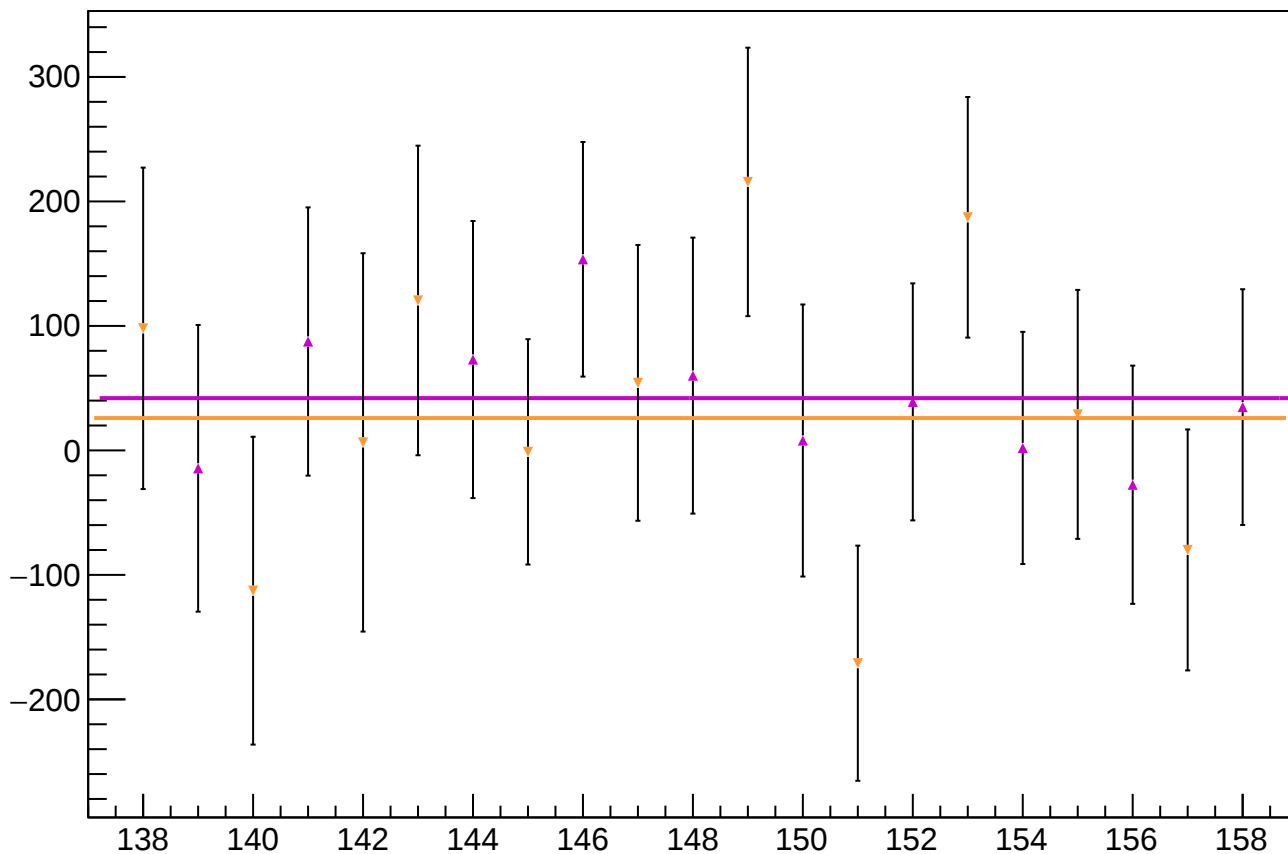
Left In: 343.517+/-0.086 χ^2/NDF : 546548.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.967+/-0.062 χ^2/NDF : 1304604.4/20

- 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: 25.982 $\pm$ 32.465 χ^2 /NDF:13.7/10

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

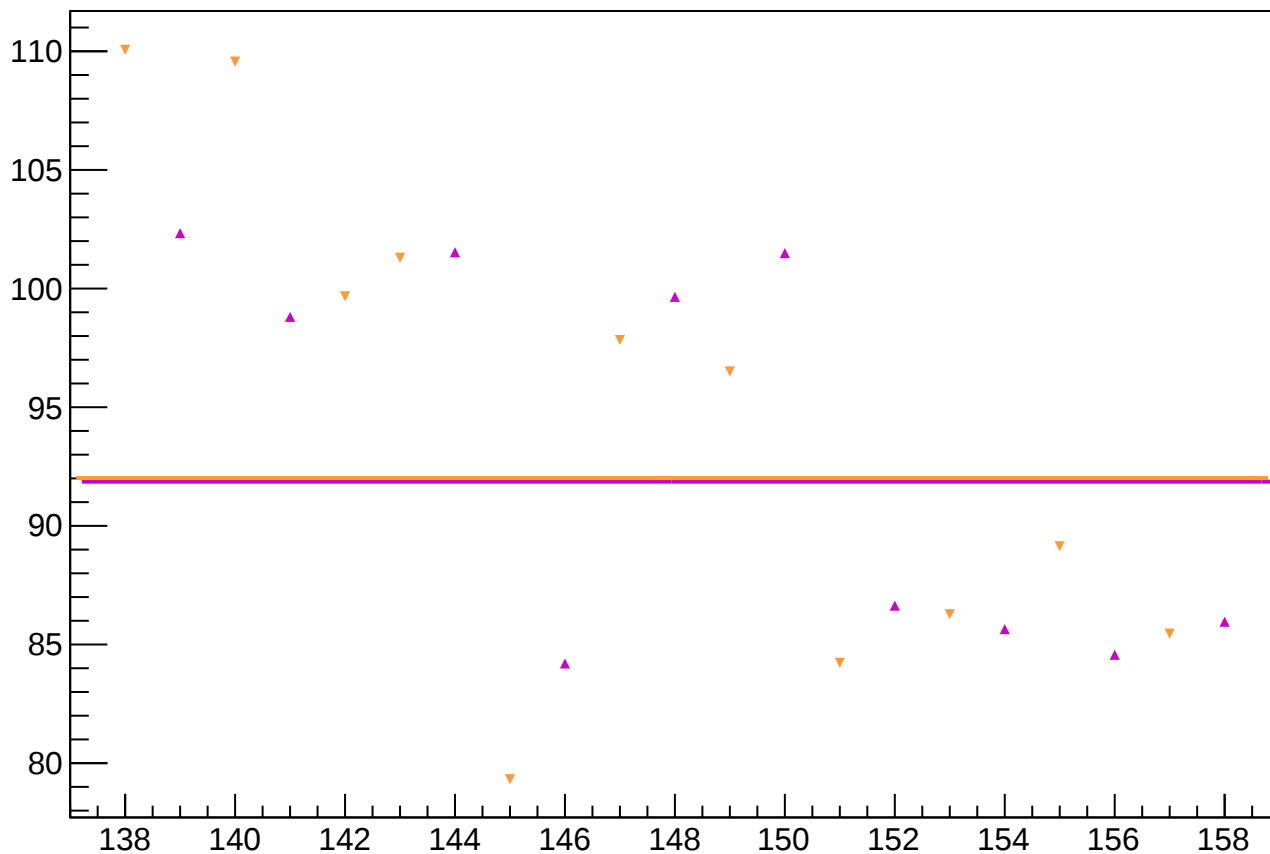
Left In: 42.006 $\pm$ 32.172 χ^2 /NDF:2.7/9

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

All: 34.066 $\pm$ 22.852 χ^2 /NDF: 16.6/20

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

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 92.014+/-0.023 χ^2/NDF : 175386.2/10

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

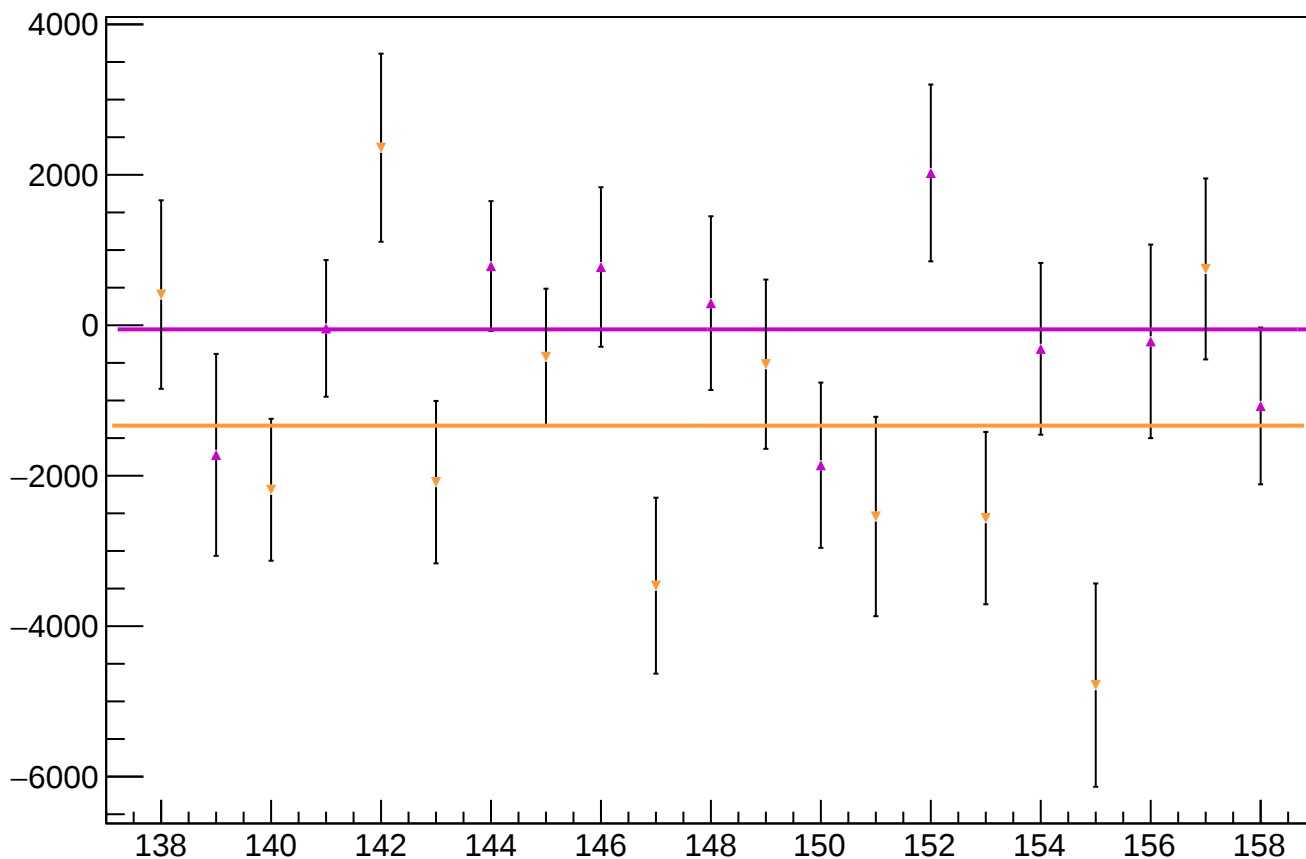
Left In: 91.862+/-0.023 χ^2/NDF : 112896.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.938+/-0.016 χ^2/NDF : 288304.8/20

- 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: -1334.040+/-341.644 χ^2/NDF : 28.3/10

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

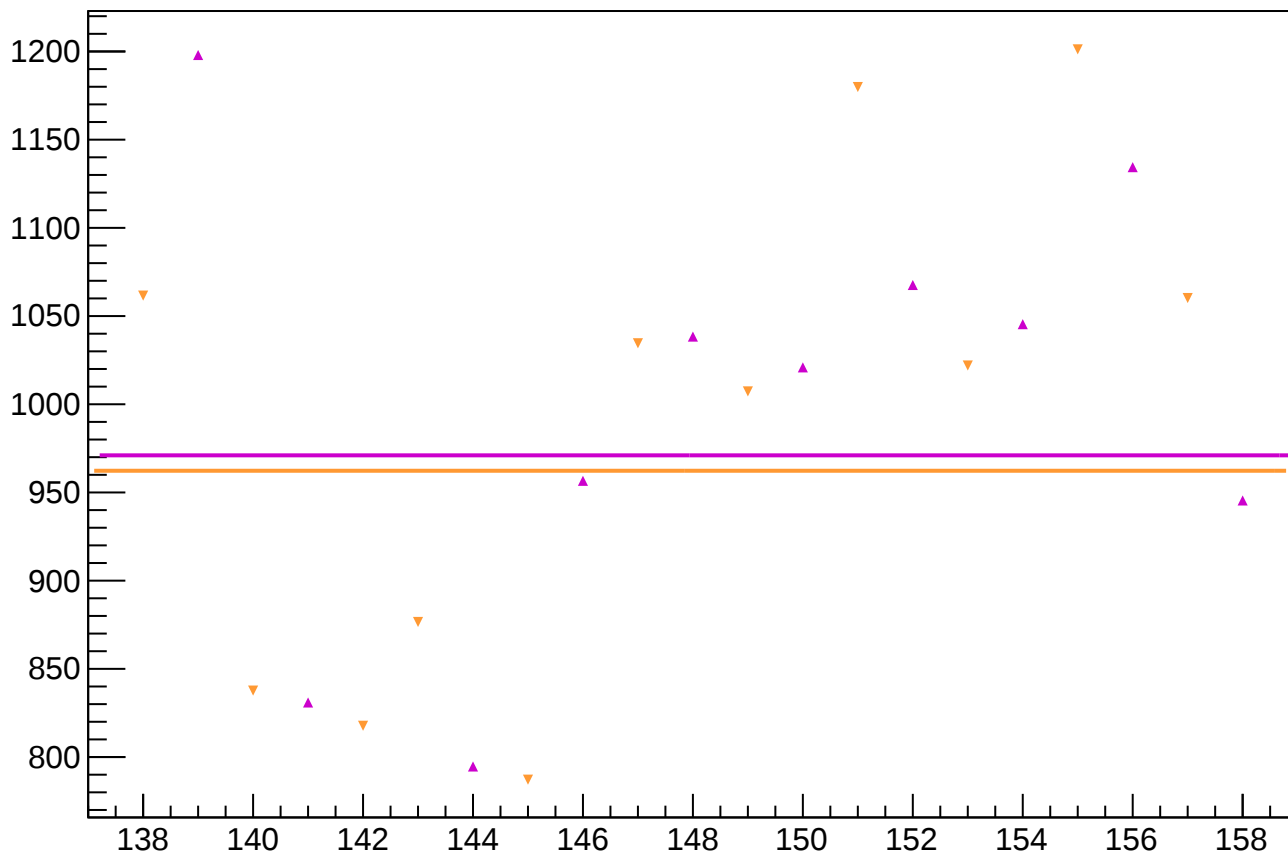
Left In: -54.522+/-341.077 χ^2/NDF : 10.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -693.218+/-241.378 χ^2/NDF : 45.4/20

- 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: 962.305+/-0.242 χ^2/NDF : 307437.5/10

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

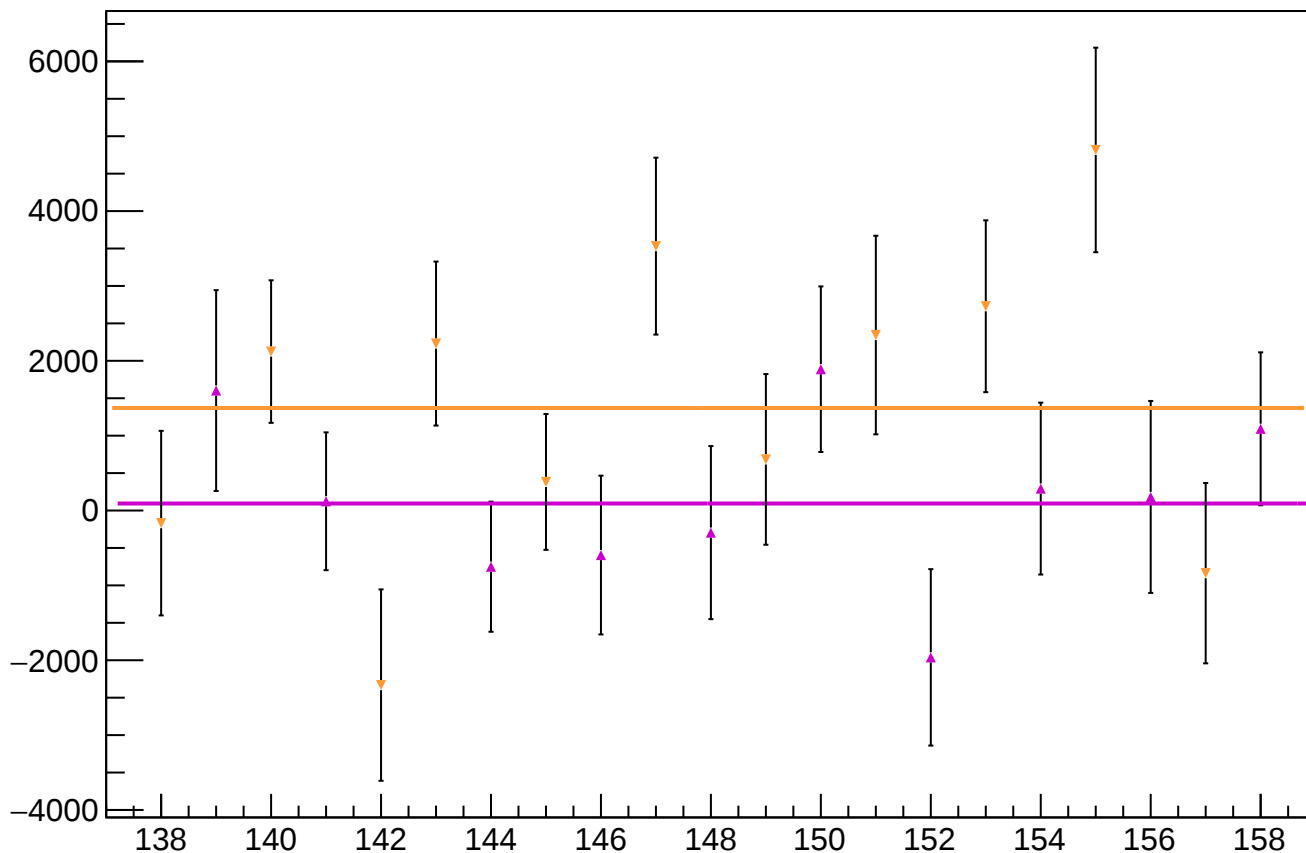
Left In: 971.044+/-0.241 χ^2/NDF : 255174.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.682+/-0.171 χ^2/NDF : 563267.0/20

- 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: 1370.000+/-343.795 χ^2/NDF : 27.7/10

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

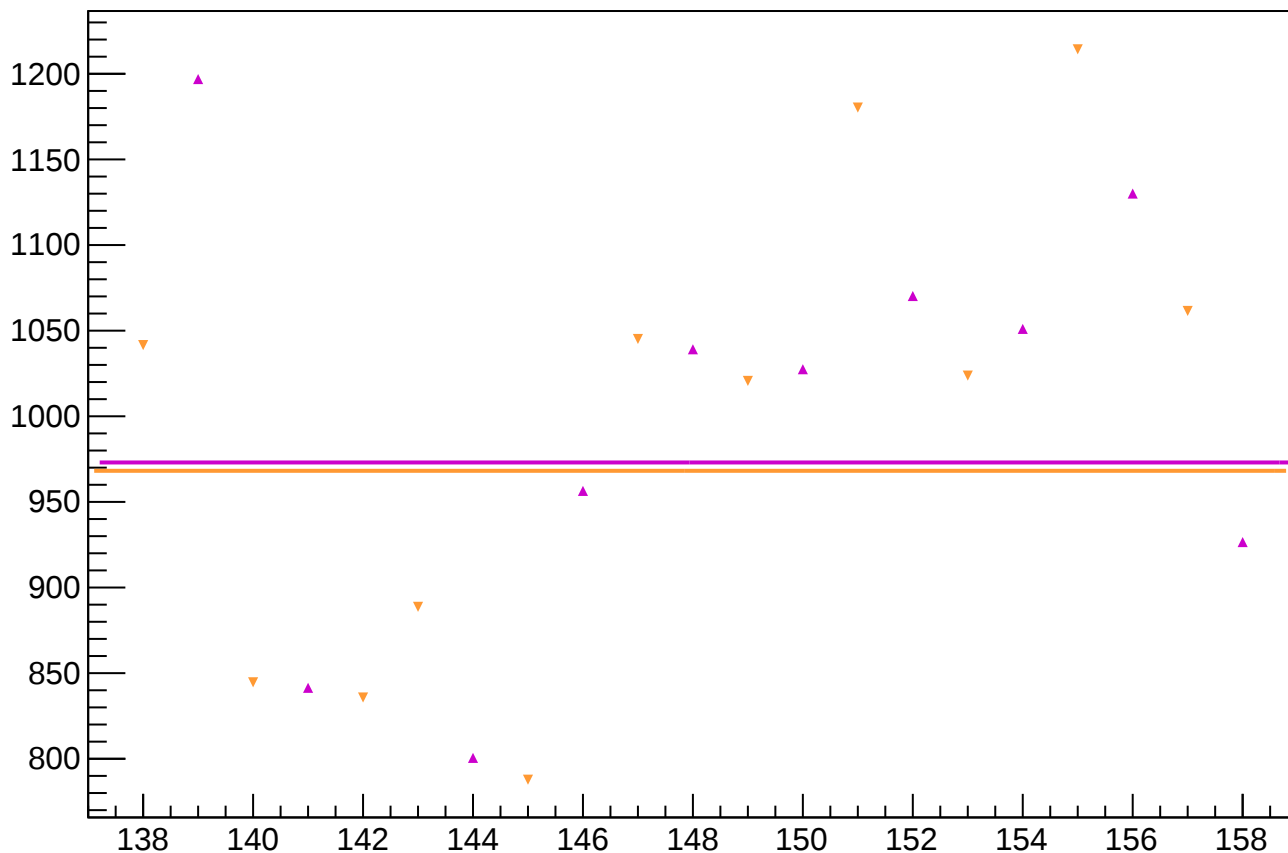
Left In: 93.843+/-341.756 χ^2/NDF : 9.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.126+/-242.376 χ^2/NDF : 44.1/20

- 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: 968.166+/-0.243 χ^2/NDF : 297332.3/10

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

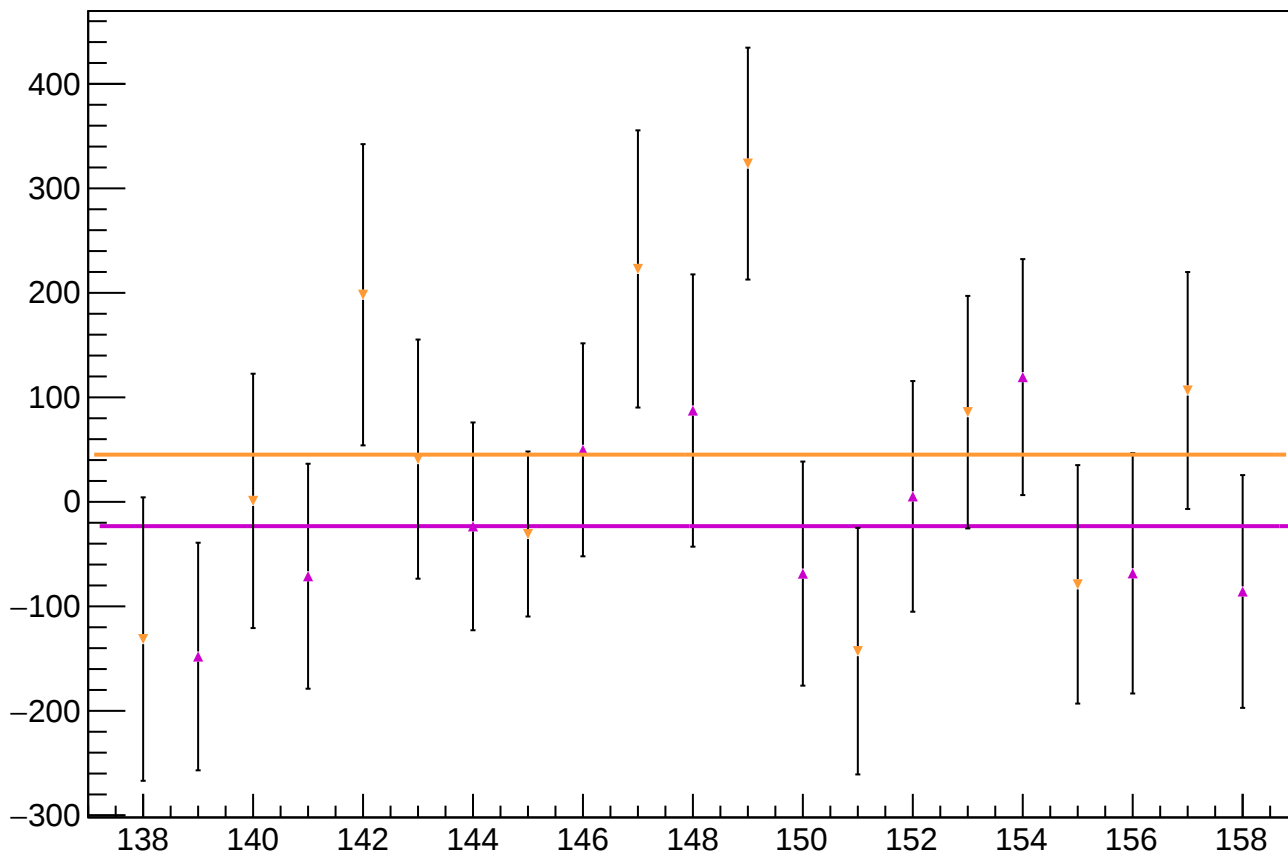
Left In: 973.035+/-0.242 χ^2/NDF : 244301.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.615+/-0.171 χ^2/NDF : 541836.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: 45.203+/-34.256 χ^2/NDF :16.1/10

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

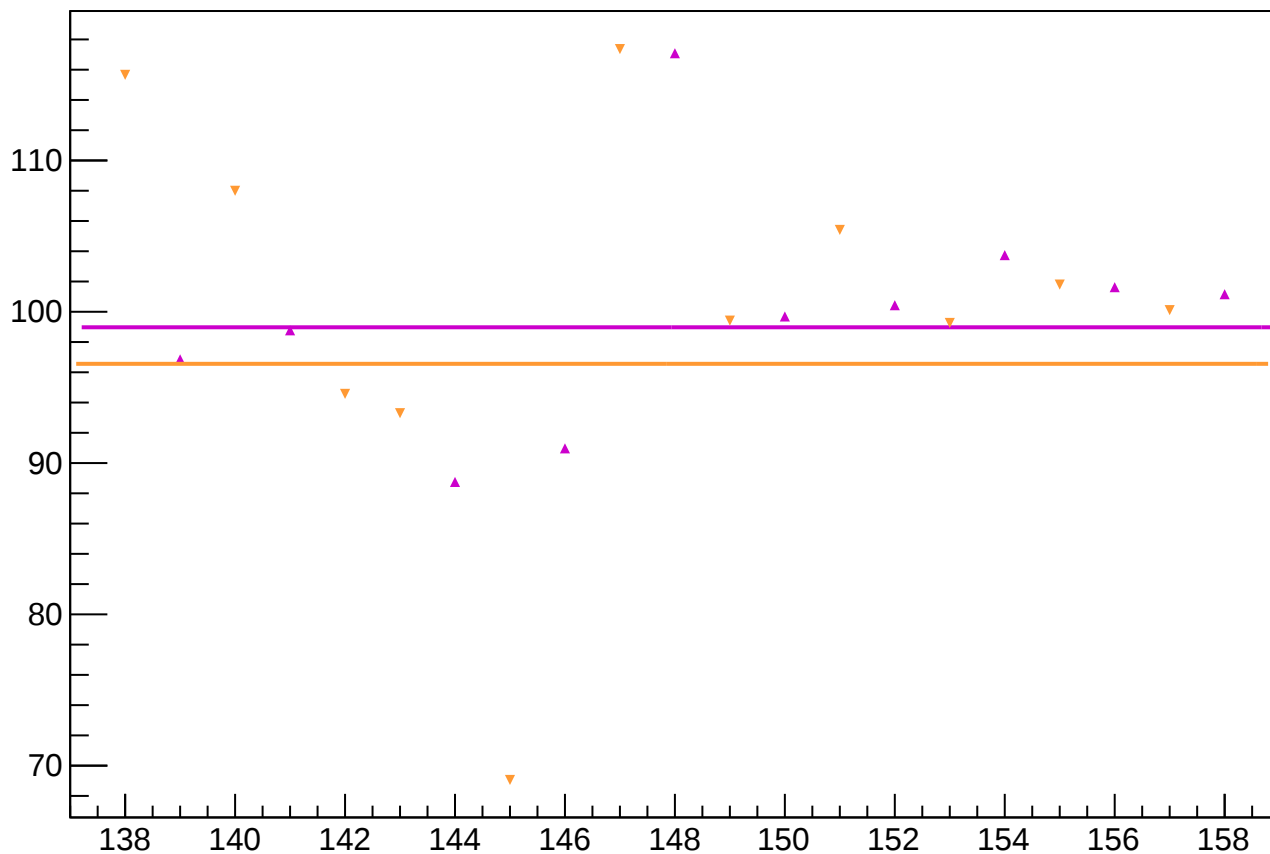
Left In: -23.246+/-34.695 χ^2/NDF :5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.414+/-24.377 χ^2/NDF : 23.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 96.559+/-0.024 χ^2/NDF : 371201.0/10

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

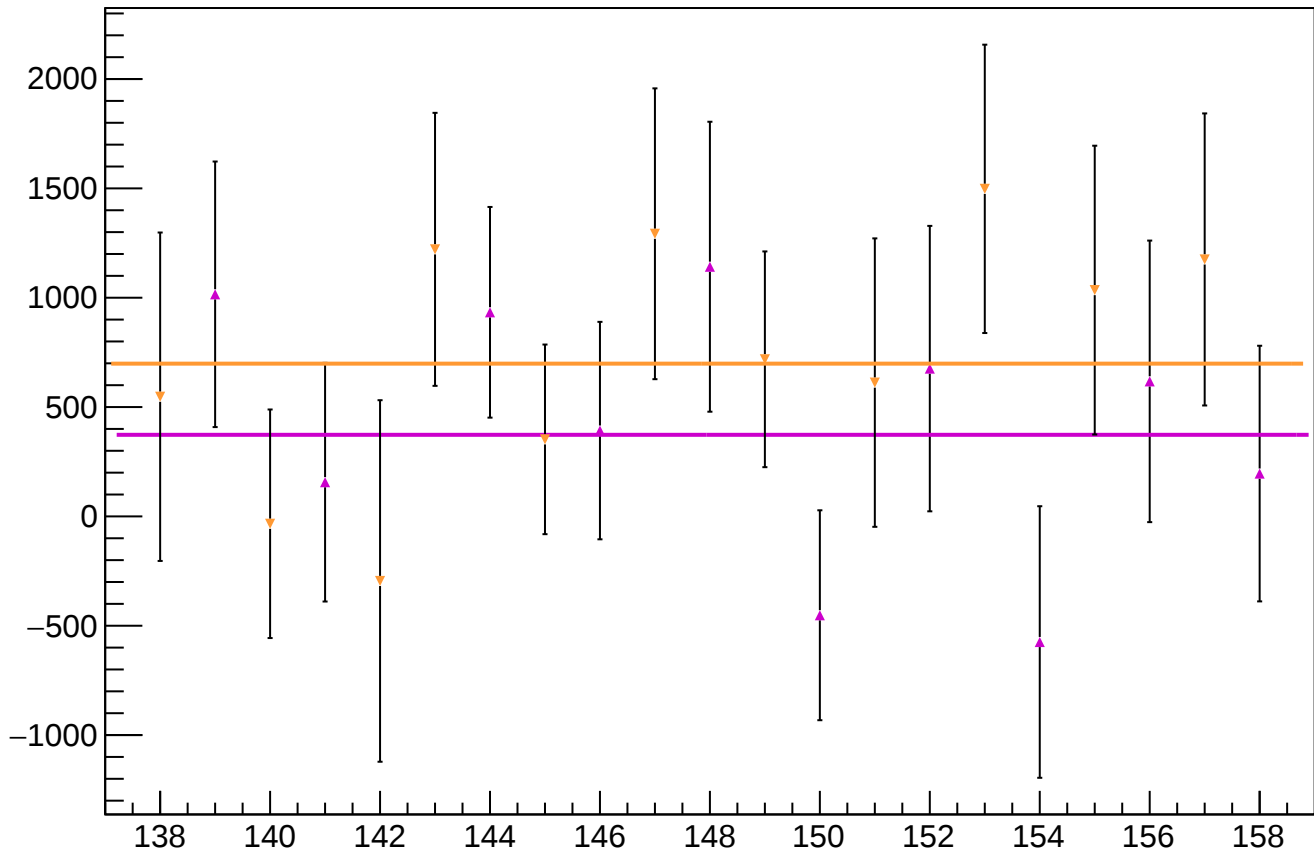
Left In: 98.974+/-0.025 χ^2/NDF : 78733.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.751+/-0.017 χ^2/NDF : 454840.0/20

- 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: 698.535+/-181.700 χ^2/NDF : 7.8/10

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

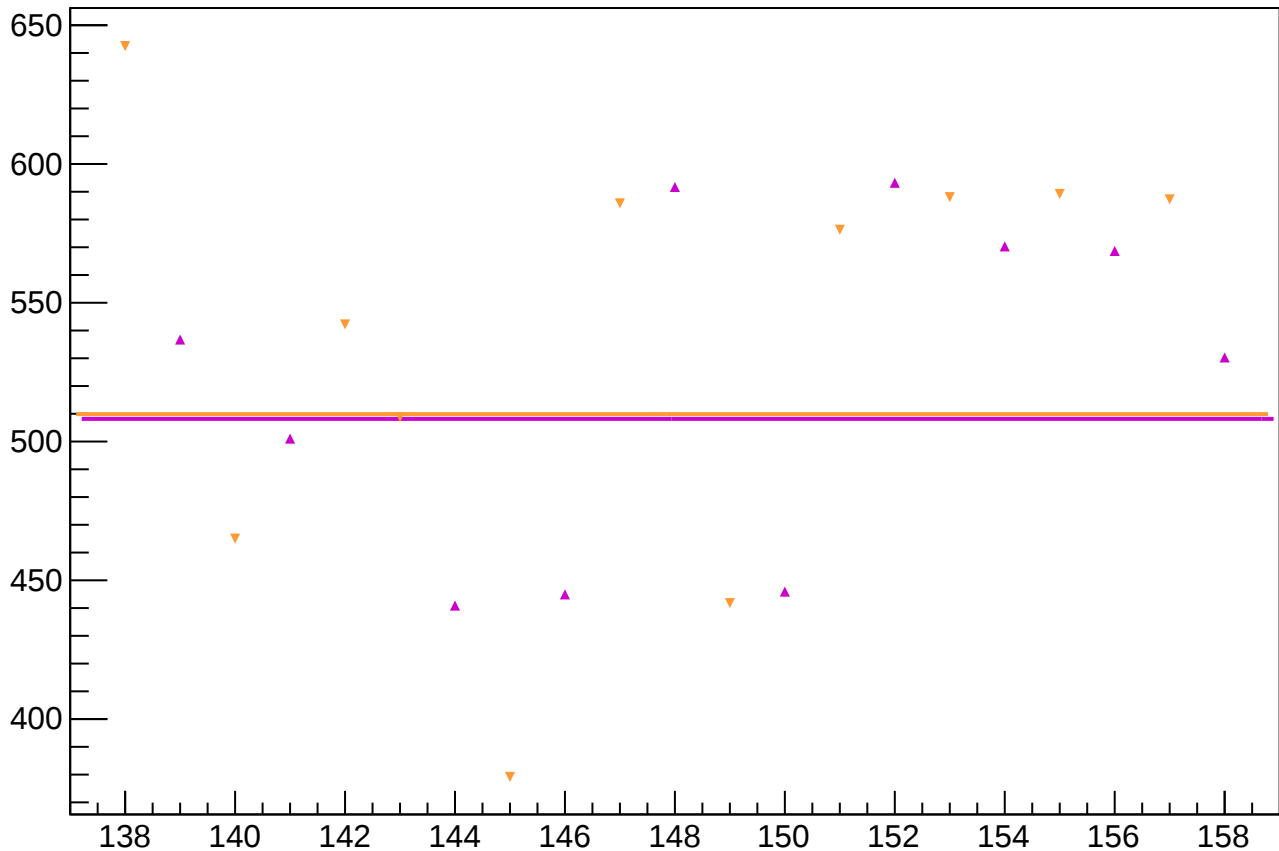
Left In: 373.062+/-178.683 χ^2/NDF : 9.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.074+/-127.401 χ^2/NDF : 19.2/20

- 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: 509.874+/-0.128 χ^2/NDF : 430224.7/10

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

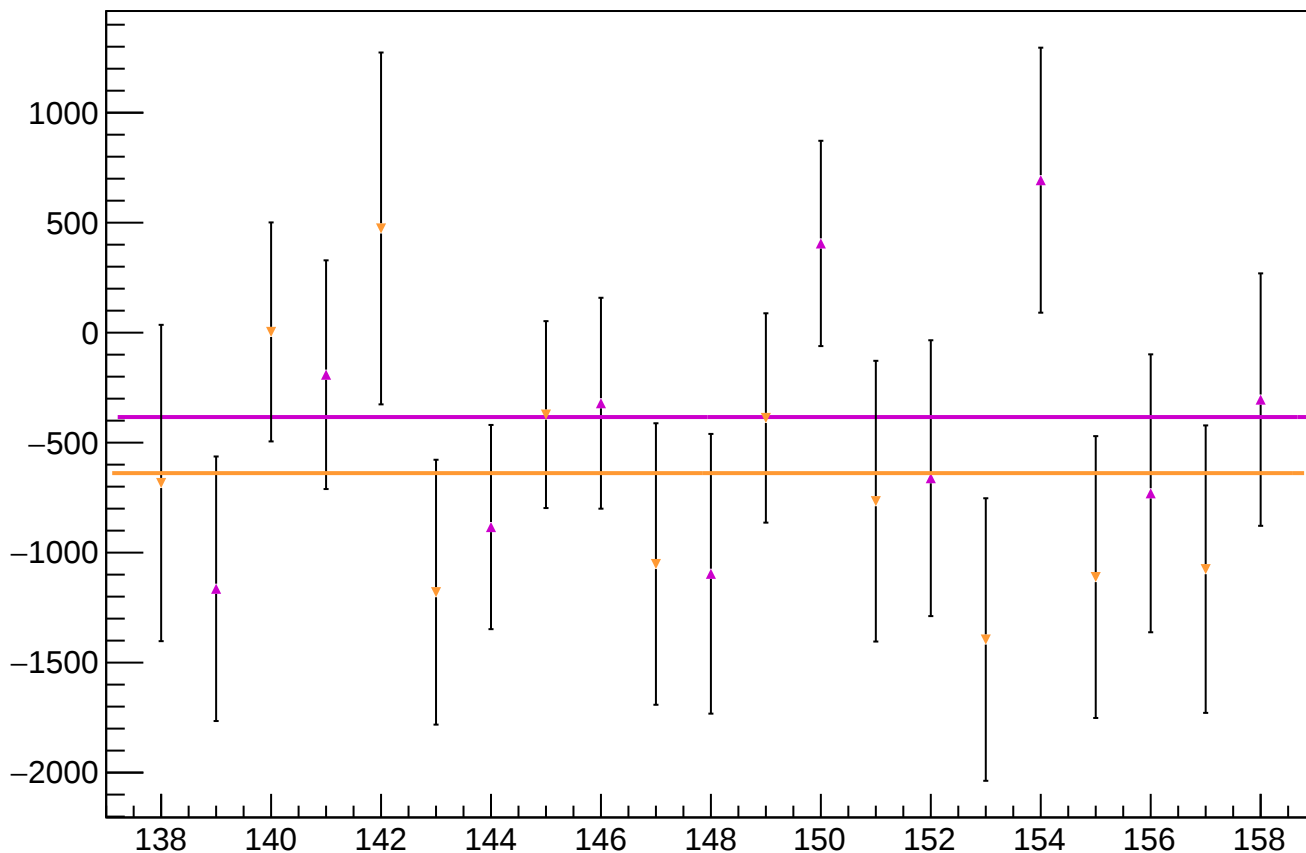
Left In: 508.159+/-0.126 χ^2/NDF : 216053.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.002+/-0.090 χ^2/NDF : 646368.8/20

- 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: -638.552+/-175.821 χ^2/NDF : 7.9/10

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

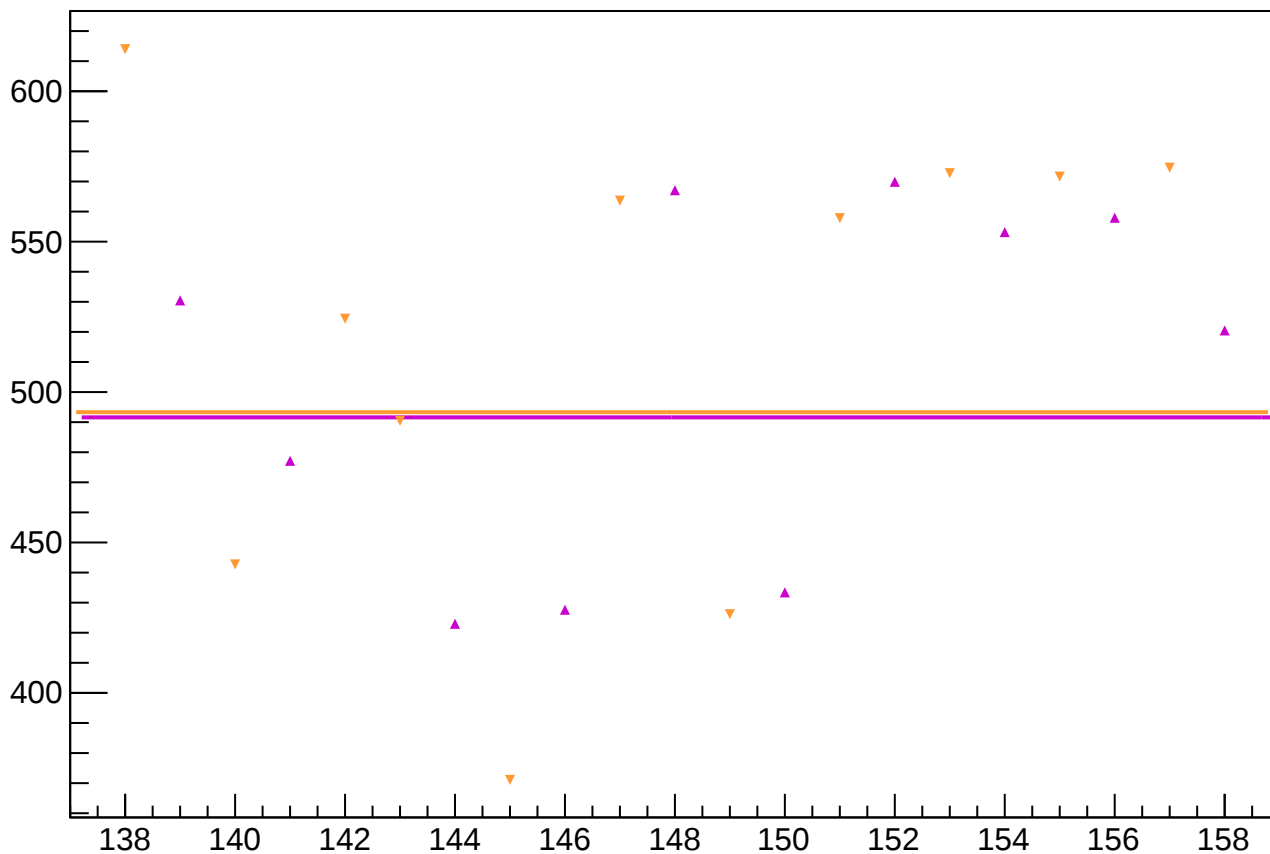
Left In: -383.620+/-173.122 χ^2/NDF : 10.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -509.115+/-123.359 χ^2/NDF : 19.8/20

- 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: 493.314+/-0.124 χ^2/NDF : 421388.3/10

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

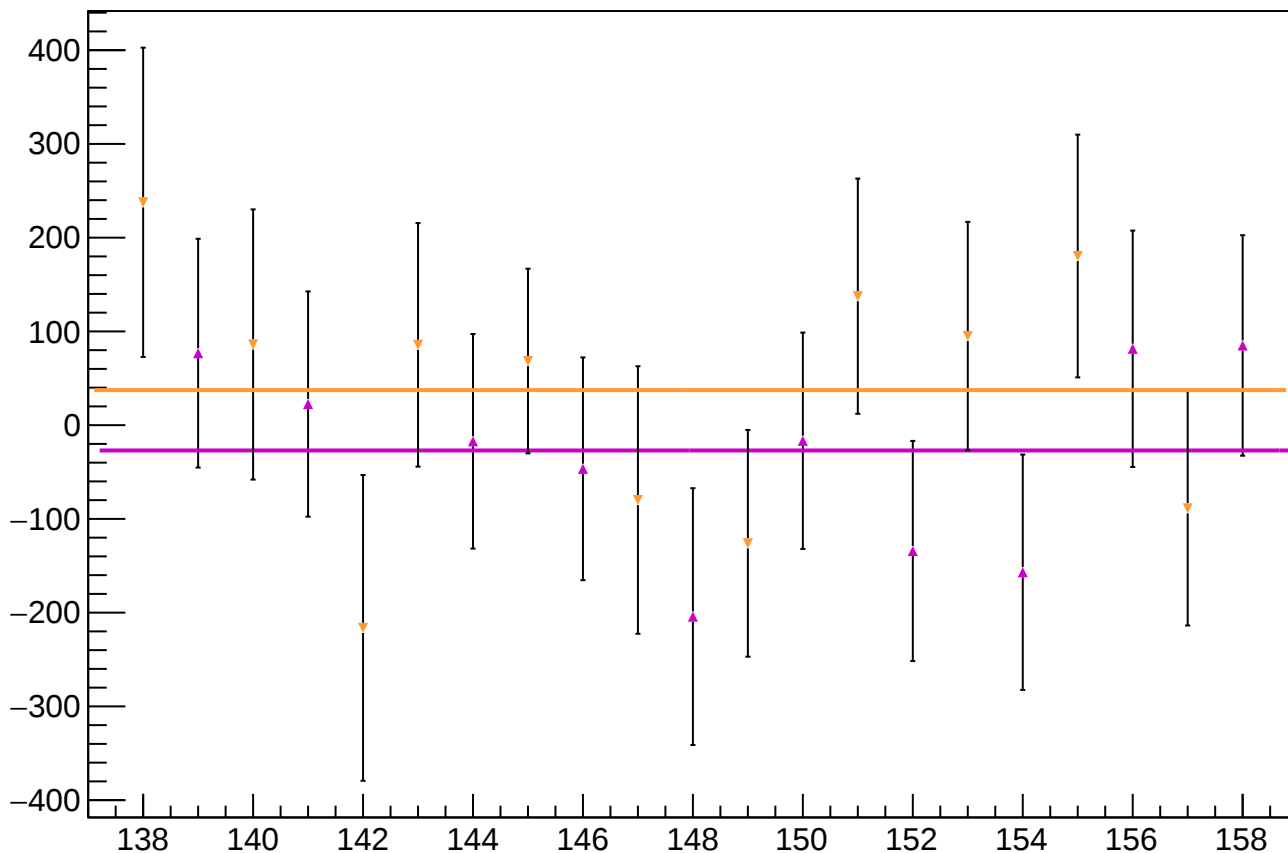
Left In: 491.594+/-0.122 χ^2/NDF : 227718.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 492.441+/-0.087 χ^2/NDF : 649203.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 37.400+/-39.013 χ^2/NDF : 9.8/10

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

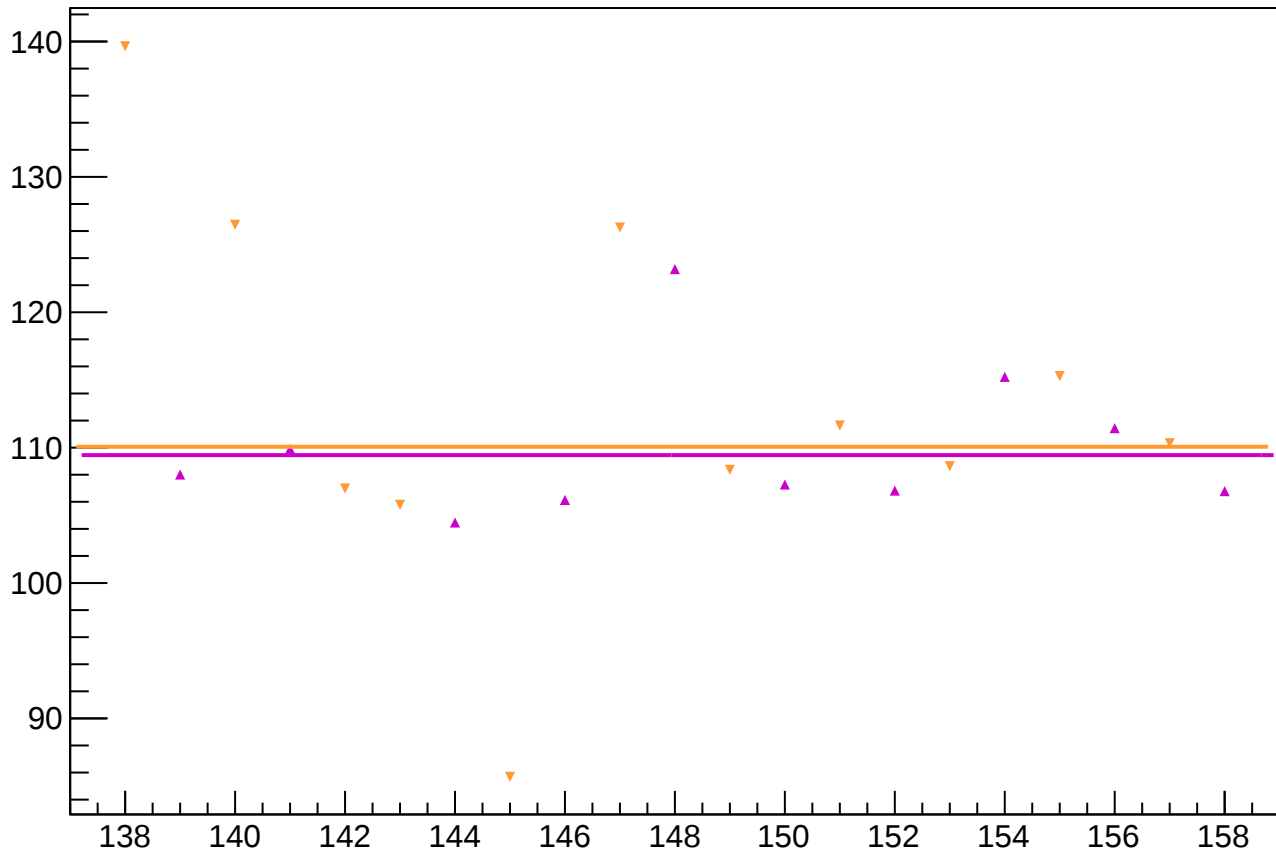
Left In: -27.002+/-38.259 χ^2/NDF : 6.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.571+/-27.316 χ^2/NDF : 17.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 110.067+/-0.028 χ^2/NDF : 245760.6/10

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

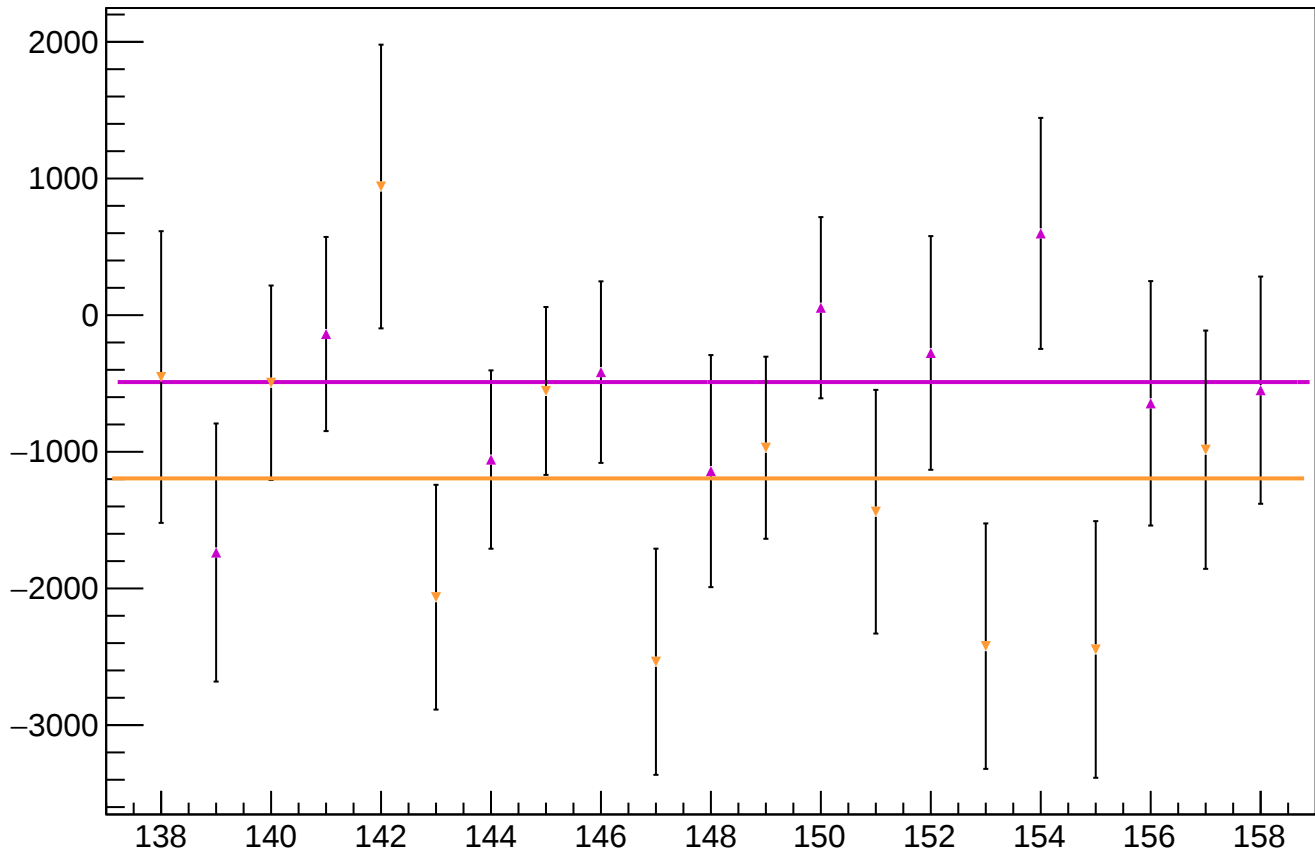
Left In: 109.448+/-0.027 χ^2/NDF : 33224.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.752+/-0.019 χ^2/NDF : 279242.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -1194.628+/-245.683 χ^2/NDF :14.4/10

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

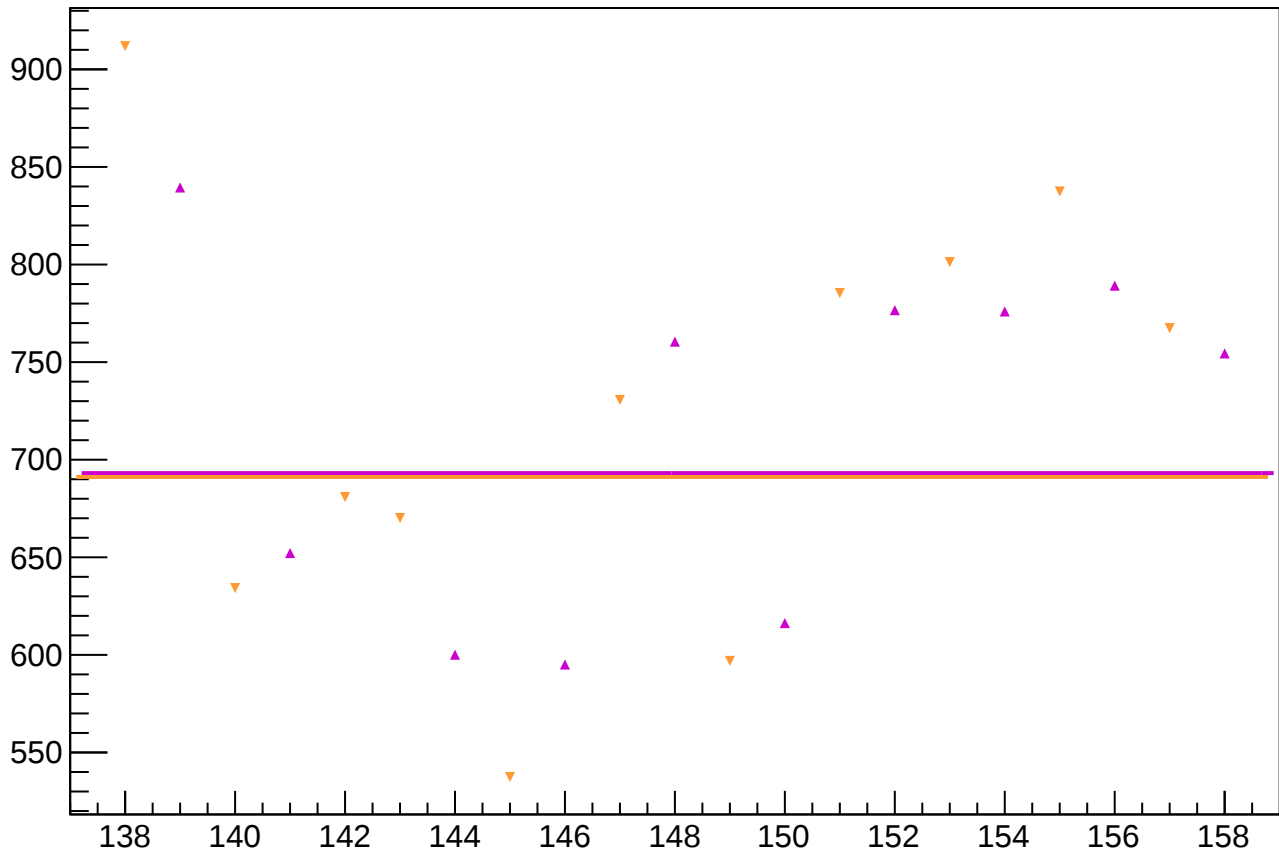
Left In: -489.693+/-243.671 χ^2/NDF :5.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -839.261+/-173.008 χ^2/NDF : 24.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 691.158+/-0.174 χ^2/NDF : 385787.1/10

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

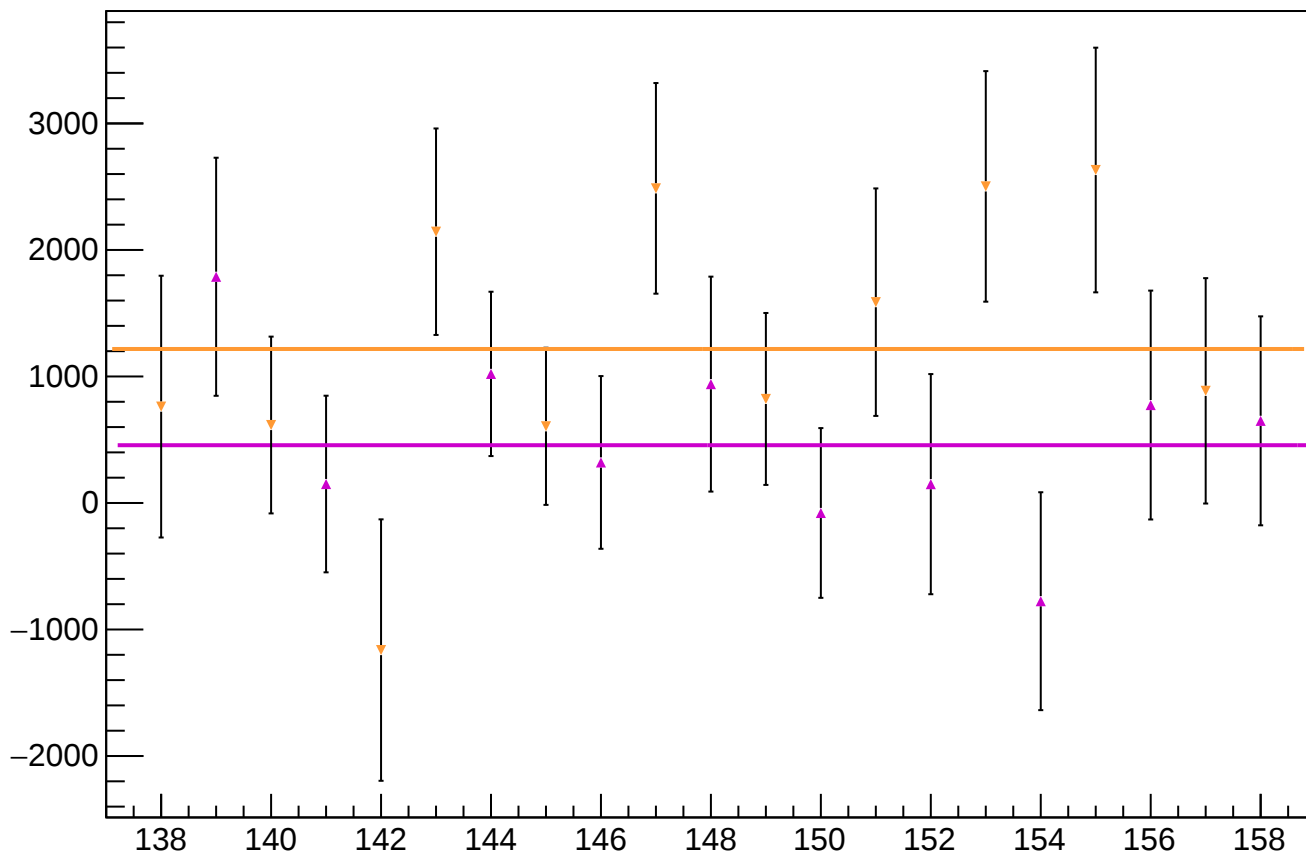
Left In: 693.129+/-0.172 χ^2/NDF : 250548.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.151+/-0.122 χ^2/NDF : 636401.0/20

- 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: 1217.272+/-246.988 χ^2/NDF :15.6/10

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

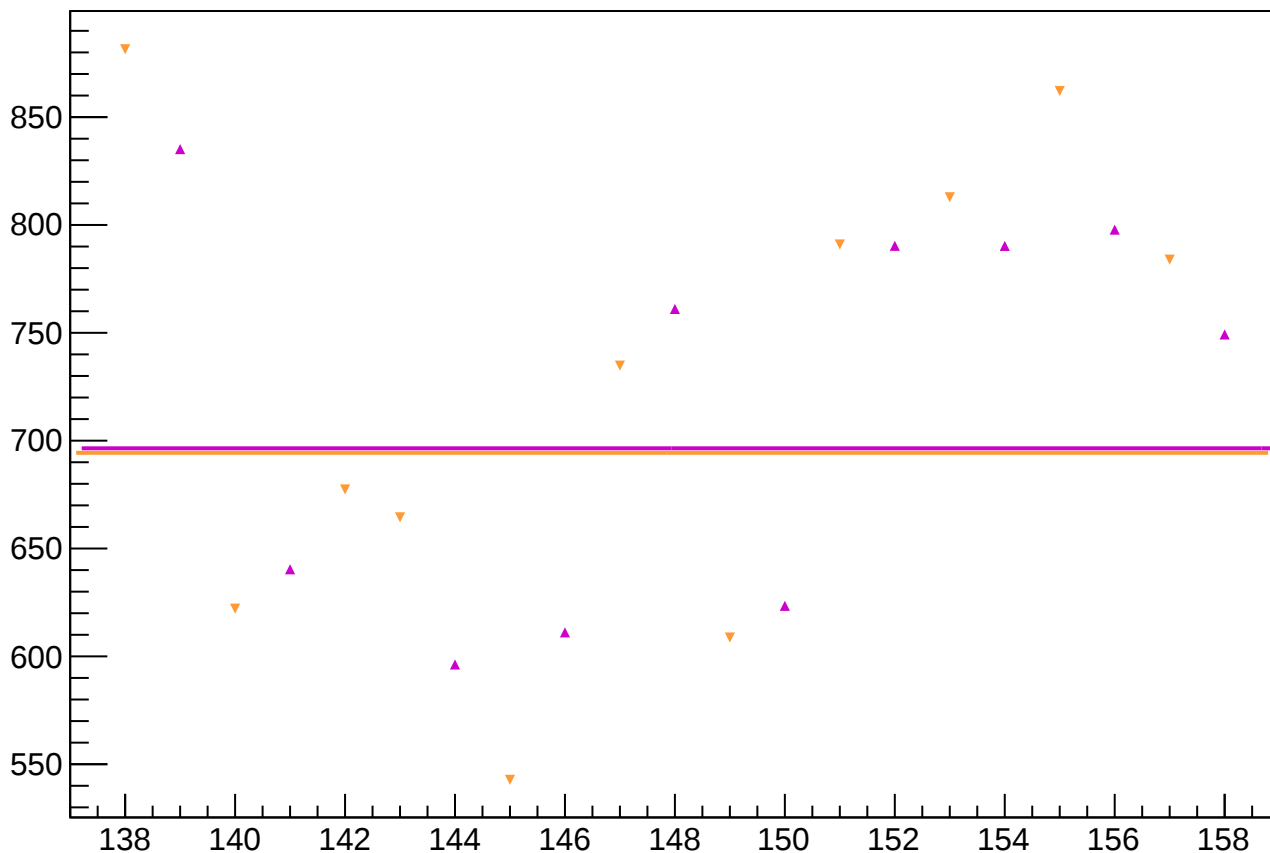
Left In: 456.624+/-244.963 χ^2/NDF :6.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.818+/-173.927 χ^2/NDF : 26.7/20

- 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: 694.383+/-0.175 χ^2/NDF :382959.9/10

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

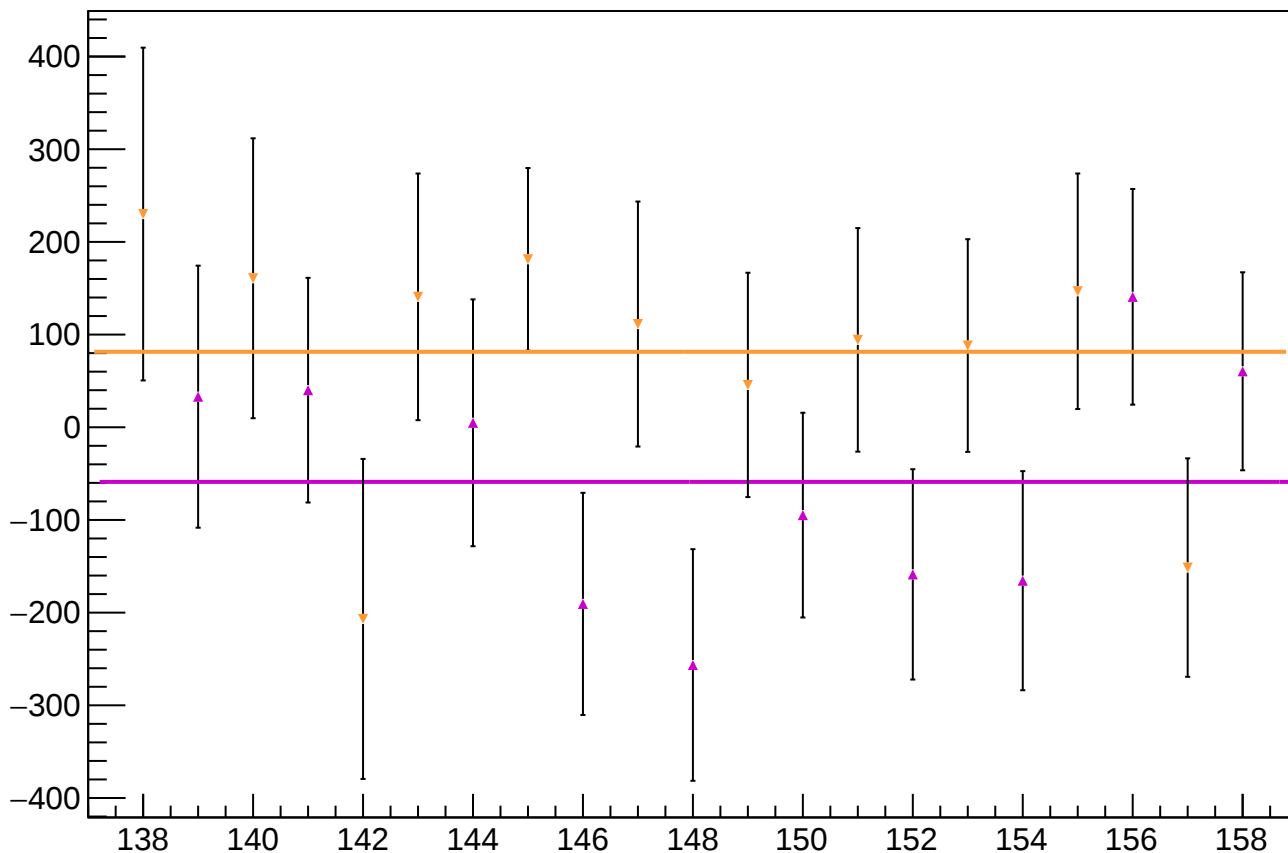
Left In: 696.457+/-0.173 χ^2/NDF :250858.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.429+/-0.123 χ^2/NDF : 633889.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



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

Left Out: 81.438 $\pm$ 38.576 χ^2 /NDF:9.3/10

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

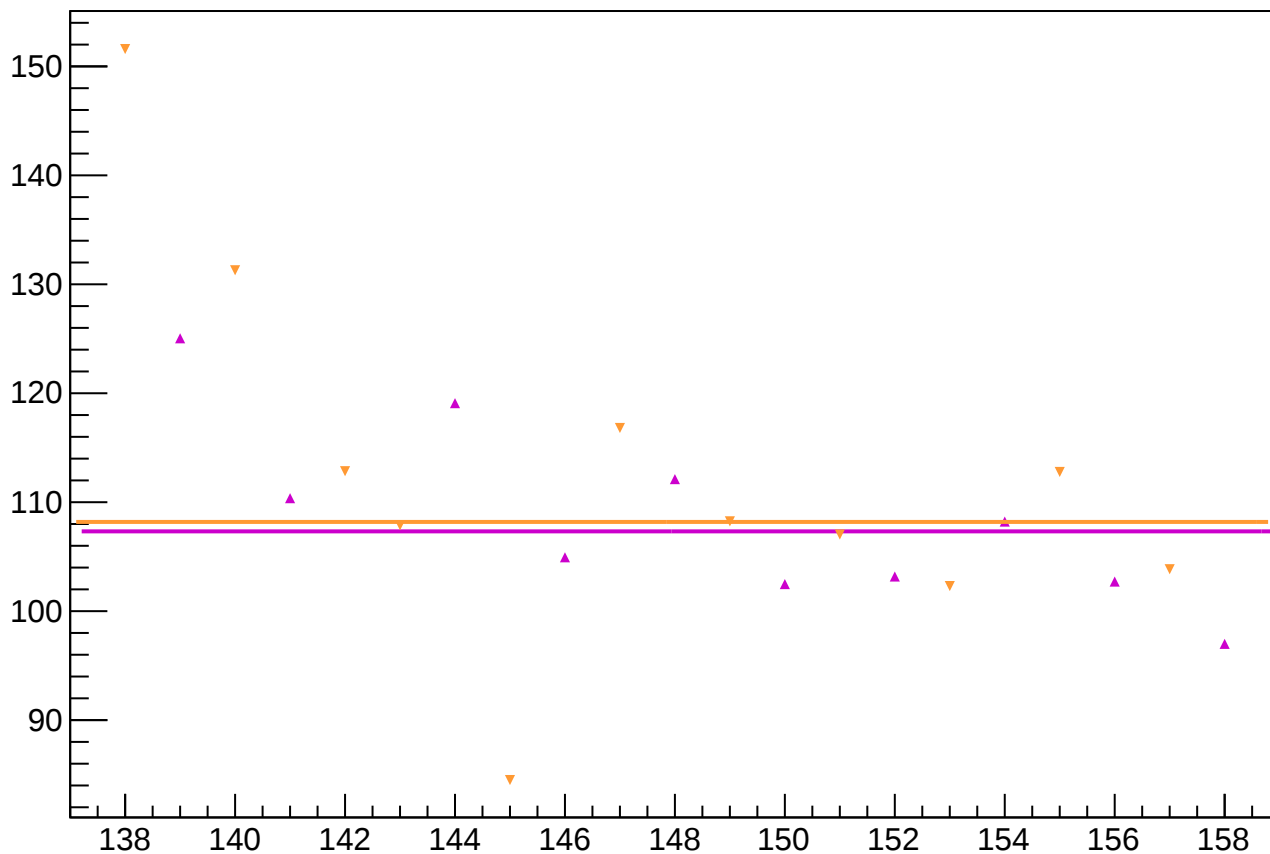
Left In: -58.934 $\pm$ 37.772 χ^2 /NDF:10.9/9

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

All: 9.774 $\pm$ 26.988 χ^2 /NDF: 27.0/20

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

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 108.190+/-0.027 χ^2/NDF : 300080.0/10

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

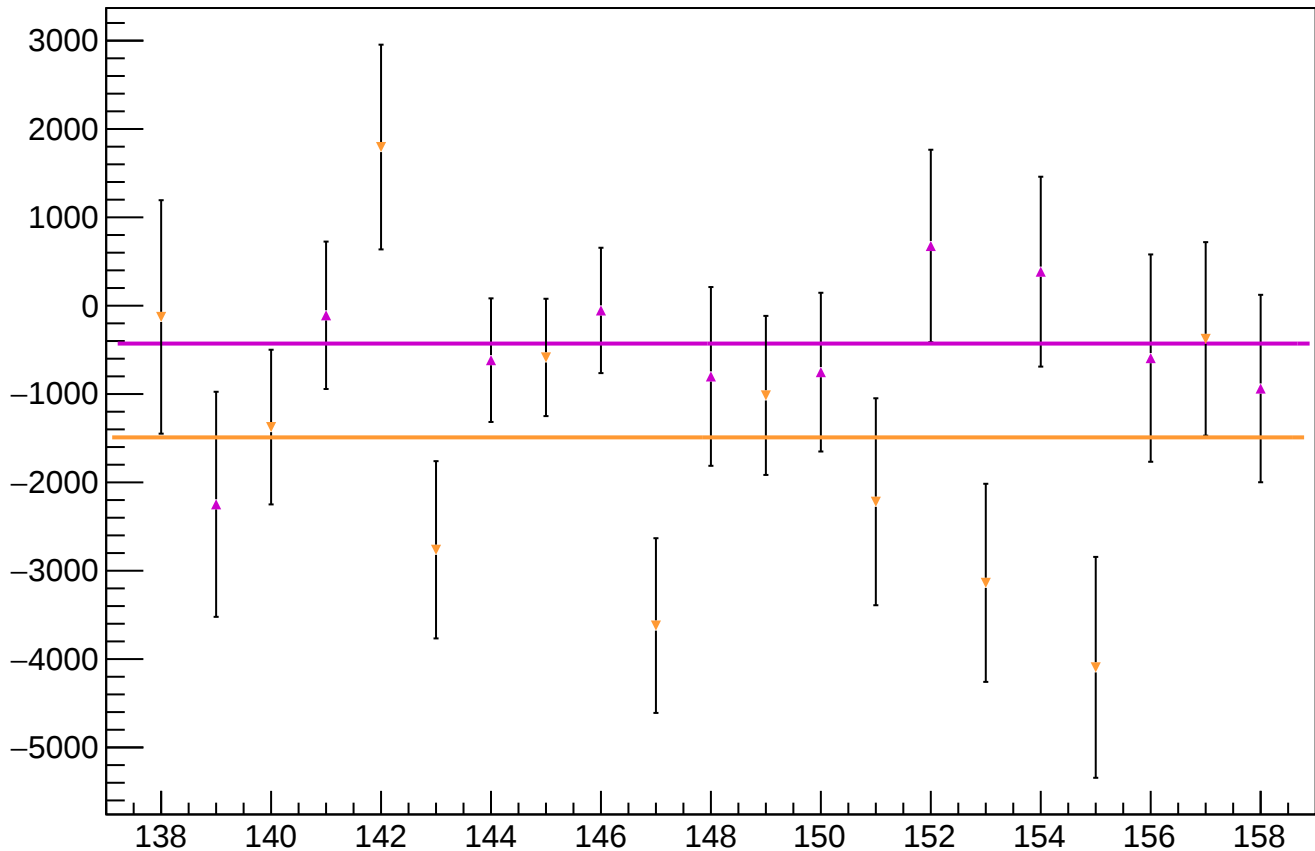
Left In: 107.324+/-0.027 χ^2/NDF : 80474.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.748+/-0.019 χ^2/NDF : 381070.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1490.607 $\pm$ 299.629 χ^2 /NDF:25.4/10

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

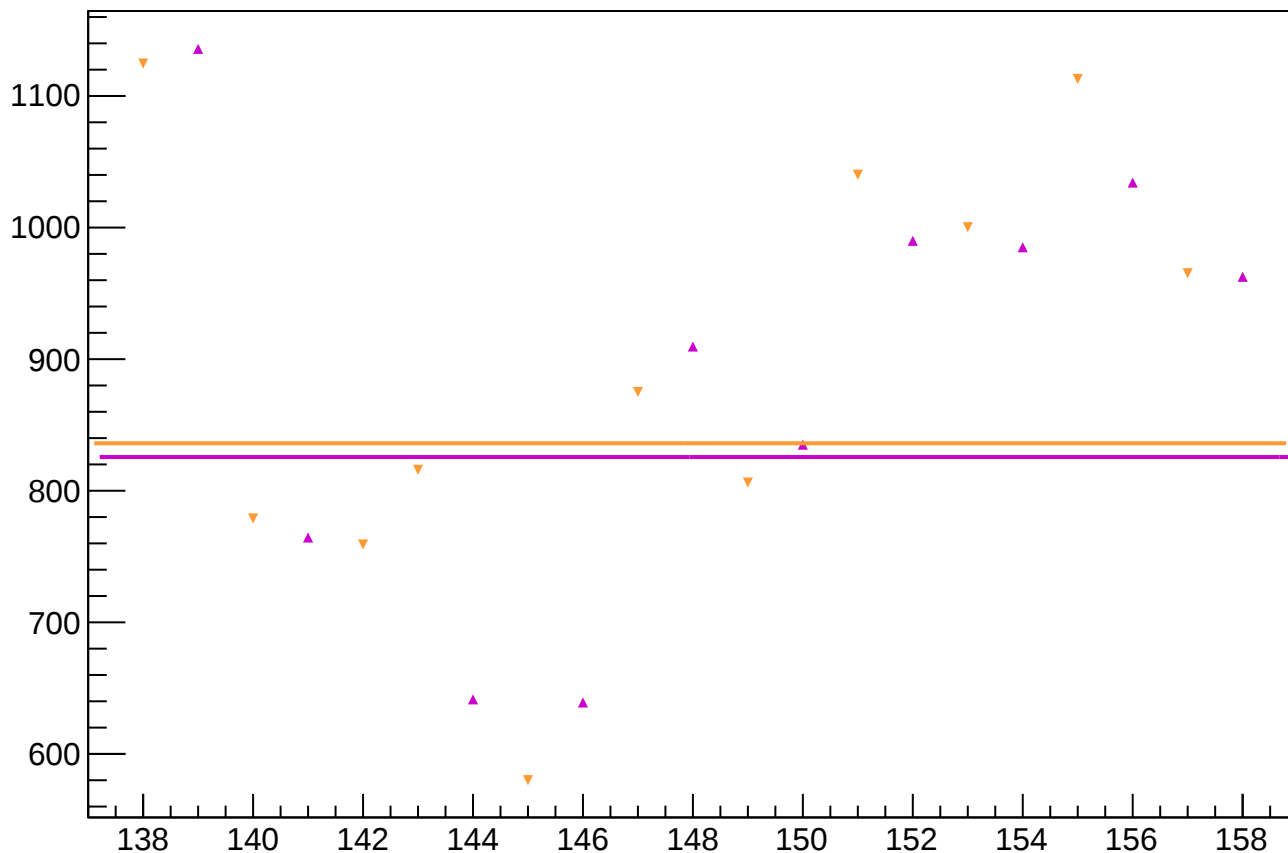
Left In: -428.794 $\pm$ 293.329 χ^2 /NDF:4.7/9

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

All: -948.422 $\pm$ 209.607 χ^2 /NDF: 36.5/20

- sign 0.000 $\pm$ 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: 836.092+/-0.212 χ^2/NDF : 645724.8/10

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

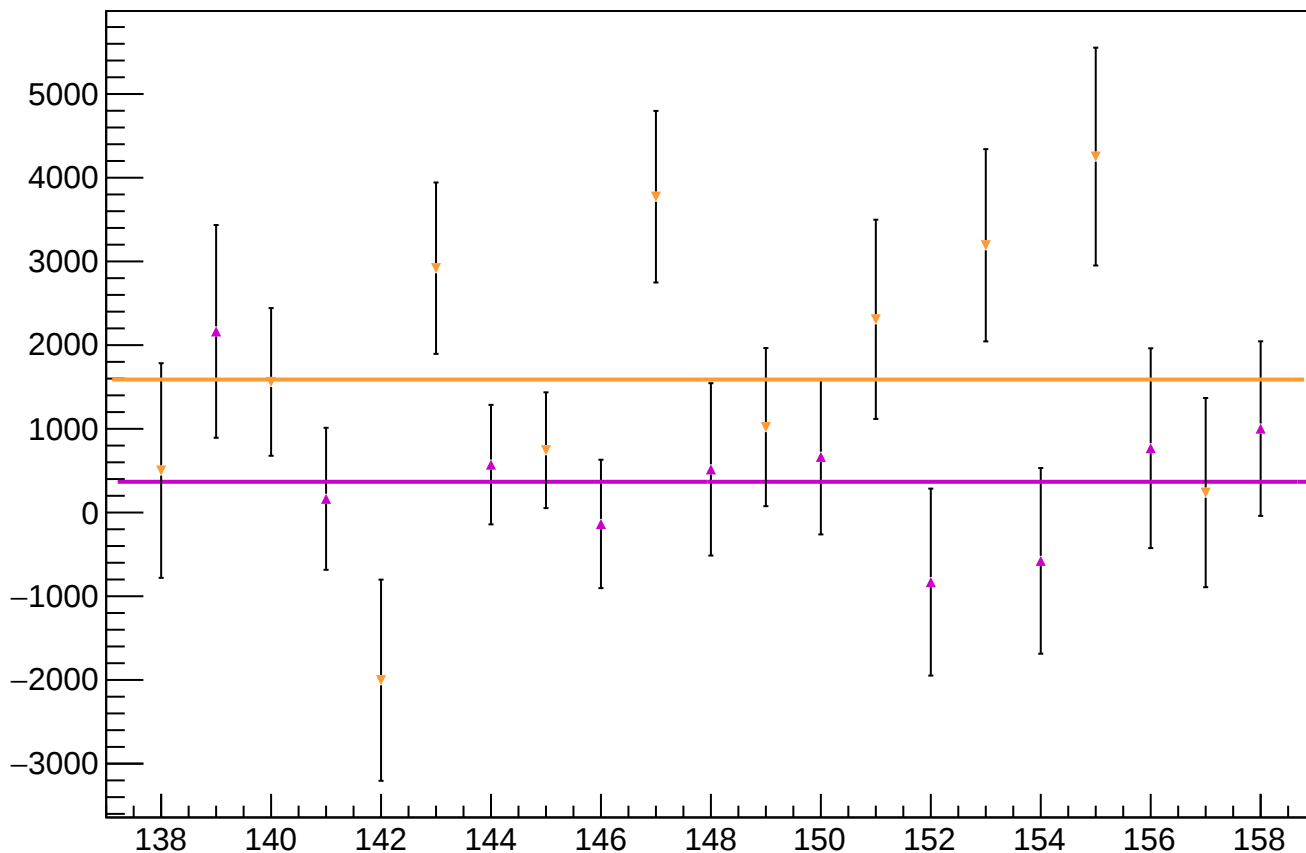
Left In: 825.623+/-0.207 χ^2/NDF : 606220.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.746+/-0.148 χ^2/NDF : 1253192.0/20

- 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: 1588.941+/-308.005 χ^2/NDF : 25.7/10

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

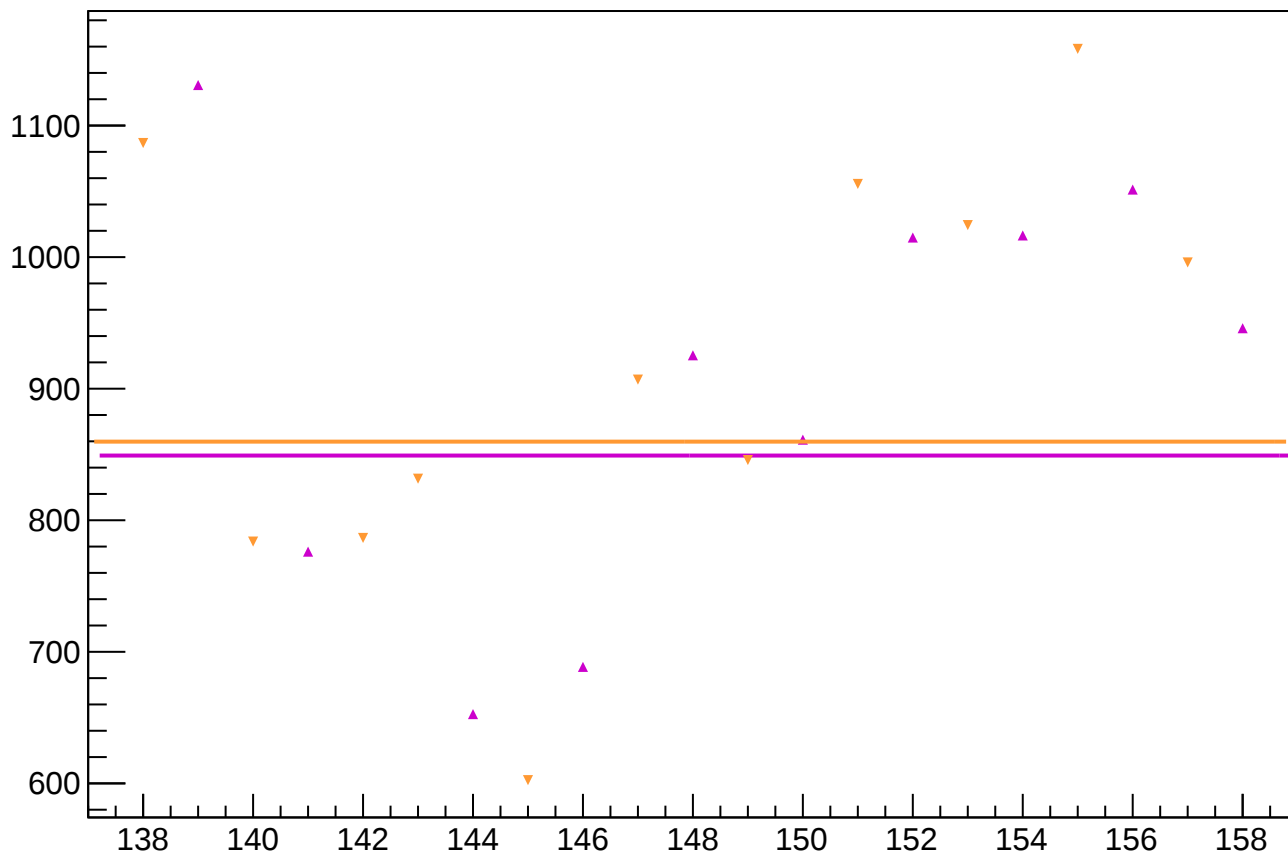
Left In: 367.370+/-301.328 χ^2/NDF : 5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.771+/-215.393 χ^2/NDF : 38.8/20

- 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: 859.761+/-0.218 χ^2/NDF : 597564.9/10

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

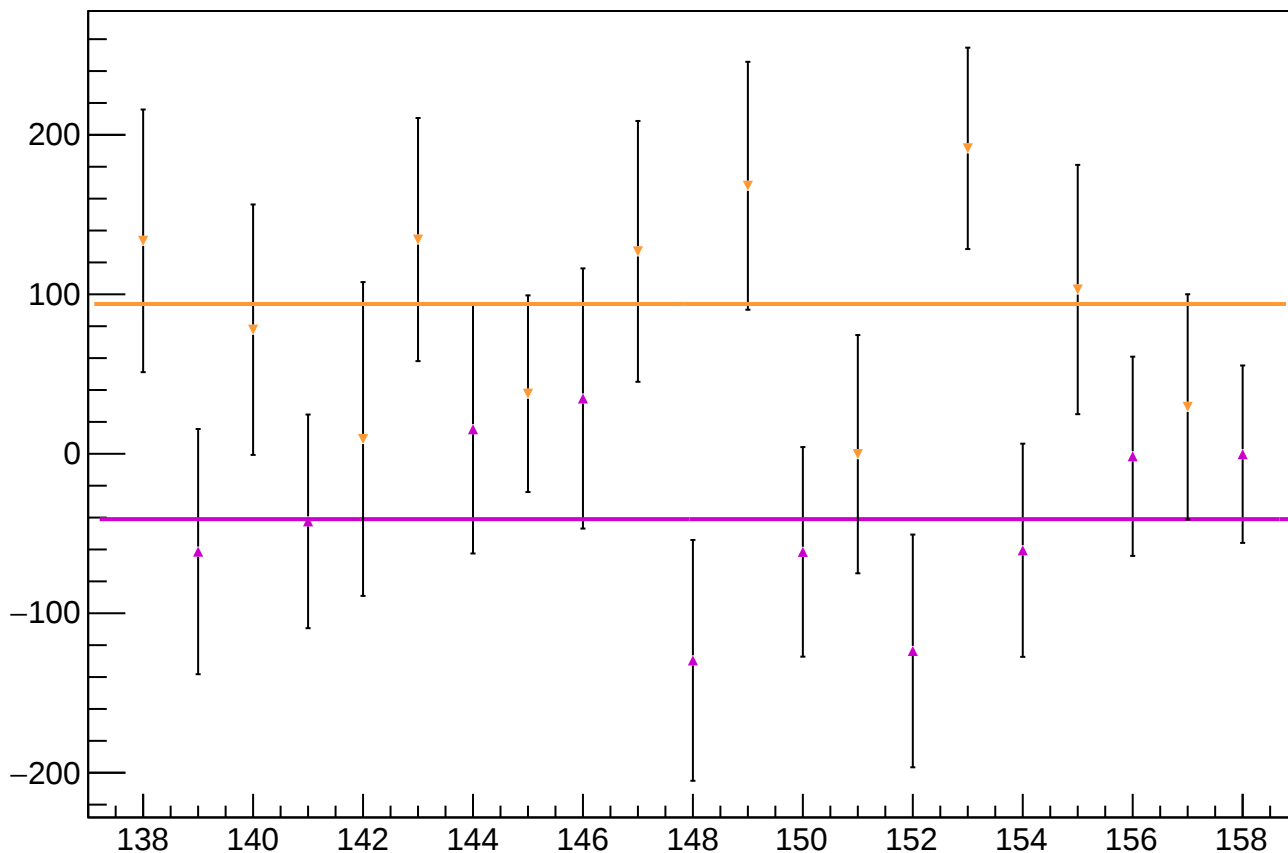
Left In: 849.181+/-0.213 χ^2/NDF : 527646.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 854.355+/-0.152 χ^2/NDF : 1126417.6/20

- 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: 93.934 $\pm$ 22.602 χ^2 /NDF: 8.0/10

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

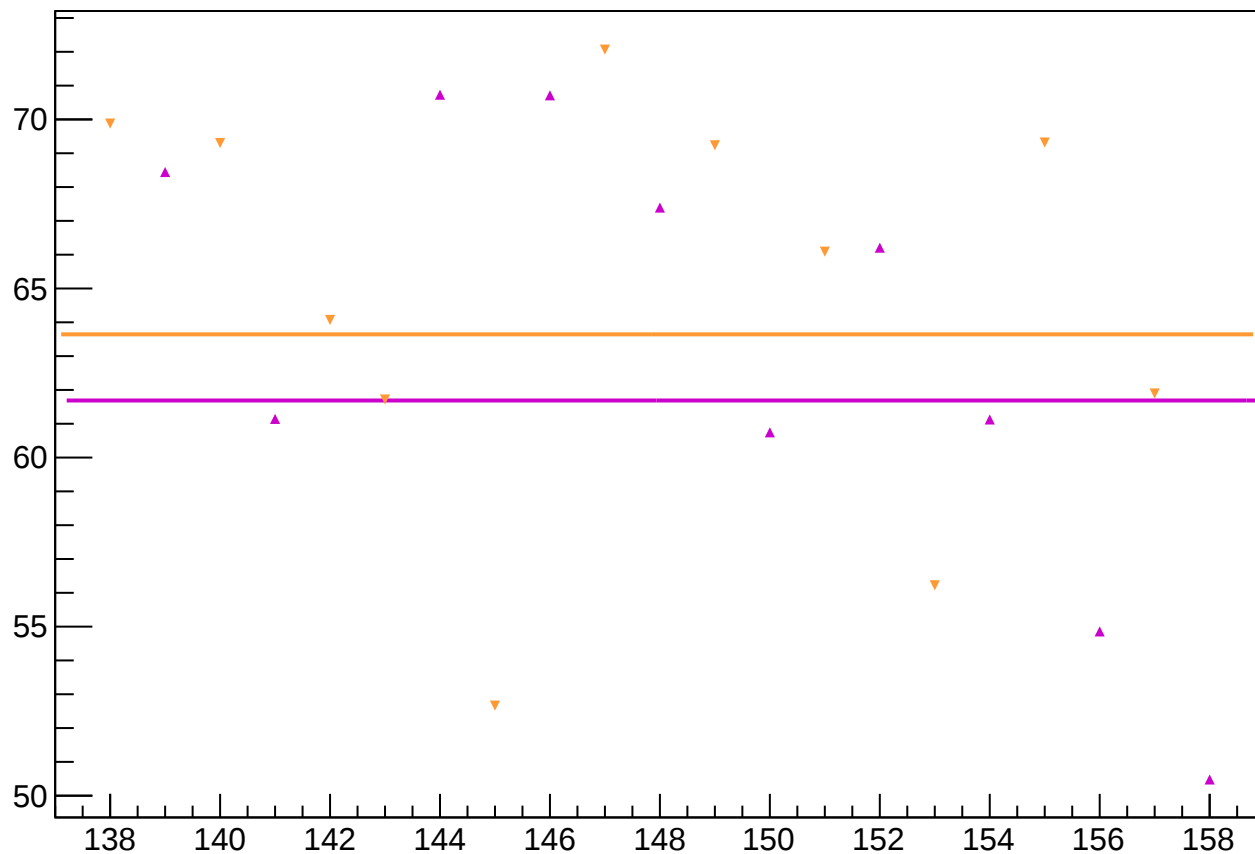
Left In: -40.980 $\pm$ 21.795 χ^2 /NDF: 5.2/9

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

All: 24.024 $\pm$ 15.689 χ^2 /NDF: 31.7/20

- 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: 63.644+/-0.016 χ^2/NDF :159676.6/10

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

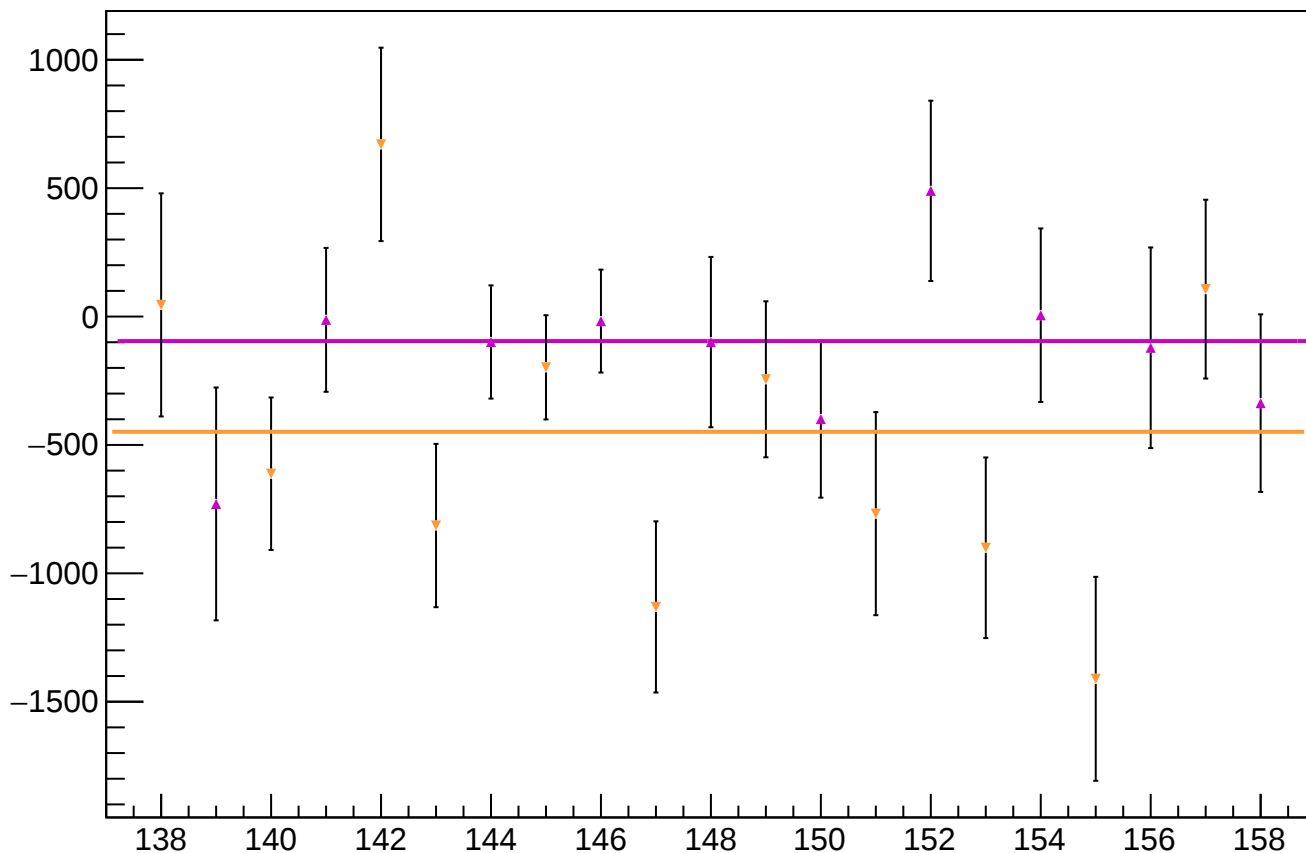
Left In: 61.688+/-0.015 χ^2/NDF :191771.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.630+/-0.011 χ^2/NDF : 359210.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -448.704+/-96.781 χ^2/NDF : 28.6/10

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

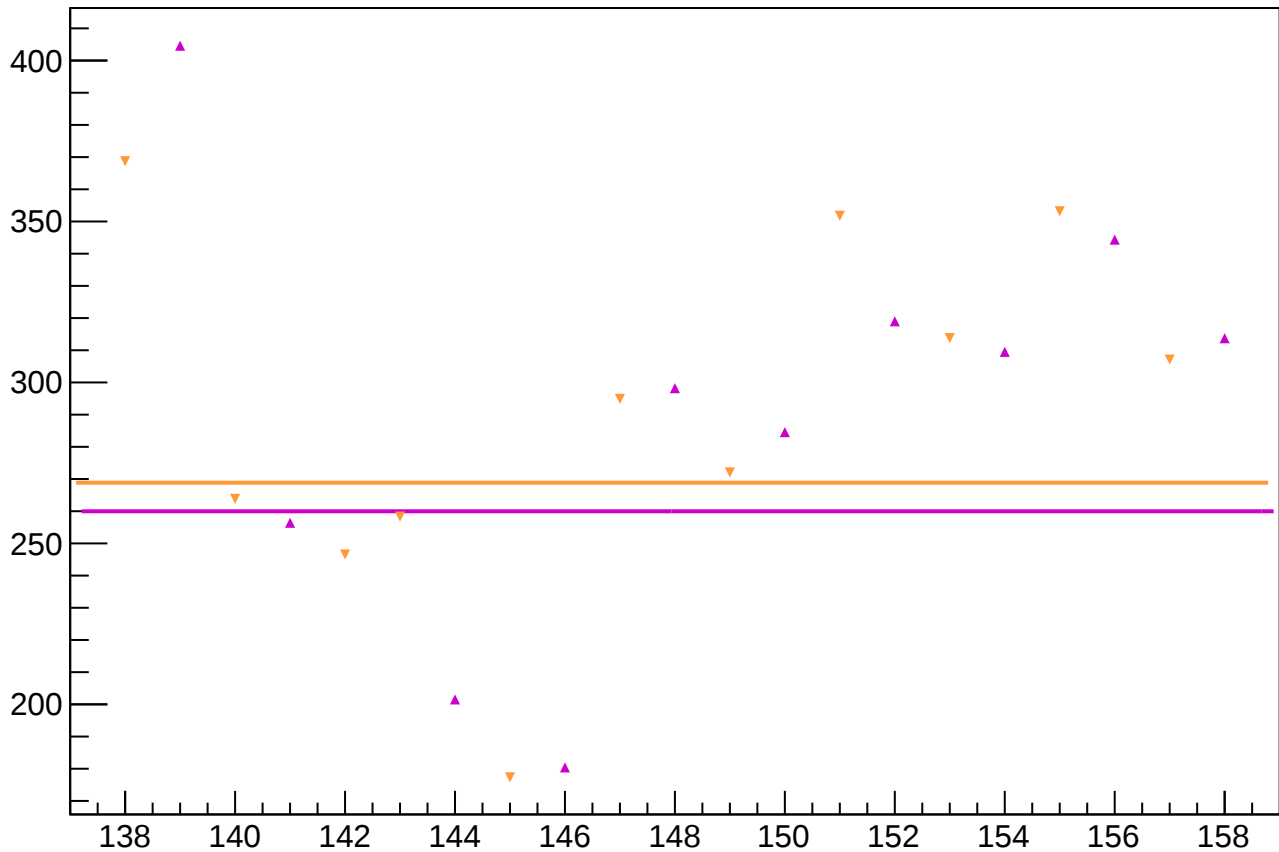
Left In: -95.529+/-93.405 χ^2/NDF : 6.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -265.850+/-67.209 χ^2/NDF : 42.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 268.857+/-0.068 χ^2/NDF : 769606.7/10

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

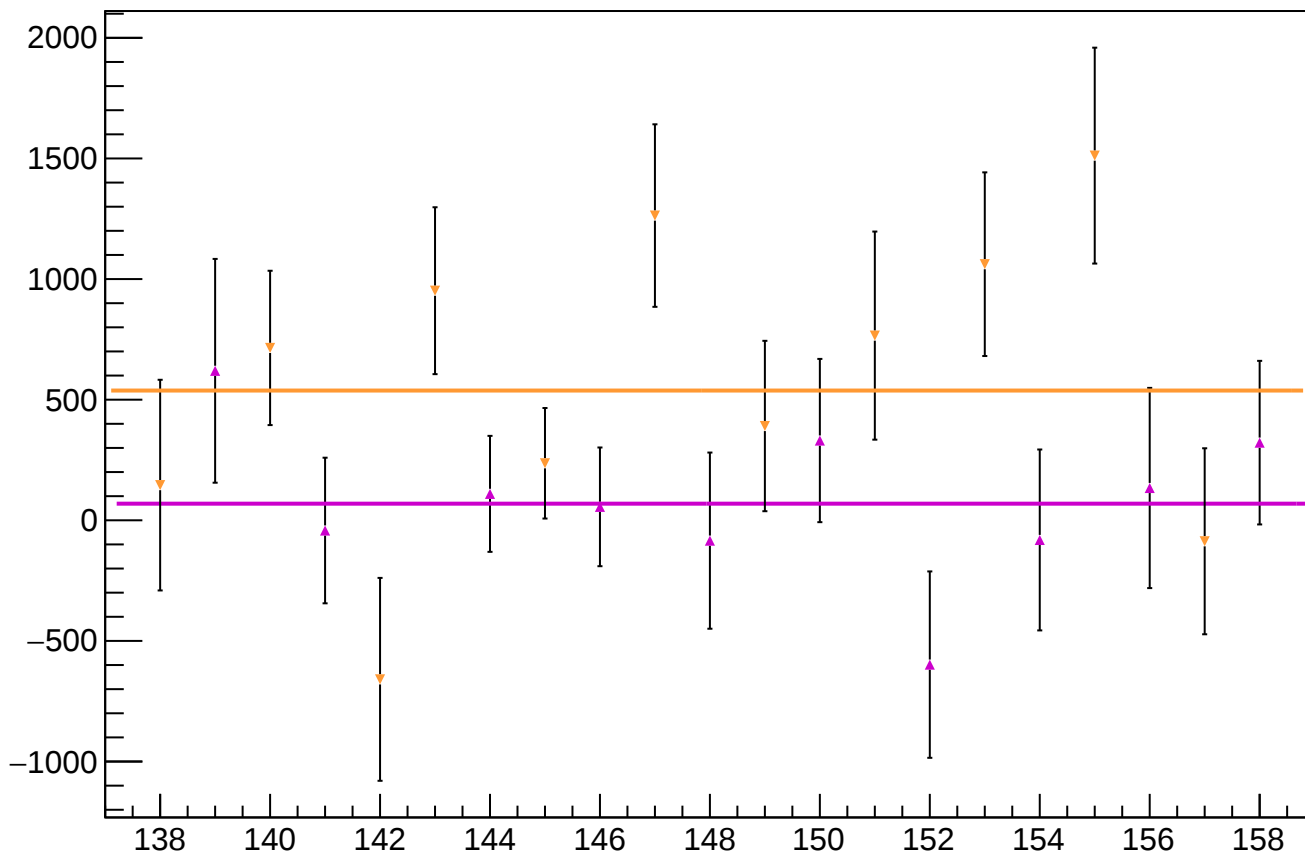
Left In: 259.974+/-0.066 χ^2/NDF : 940308.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.258+/-0.048 χ^2/NDF : 1718639.3/20

- 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: 537.910+/-107.160 χ^2/NDF : 25.8/10

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

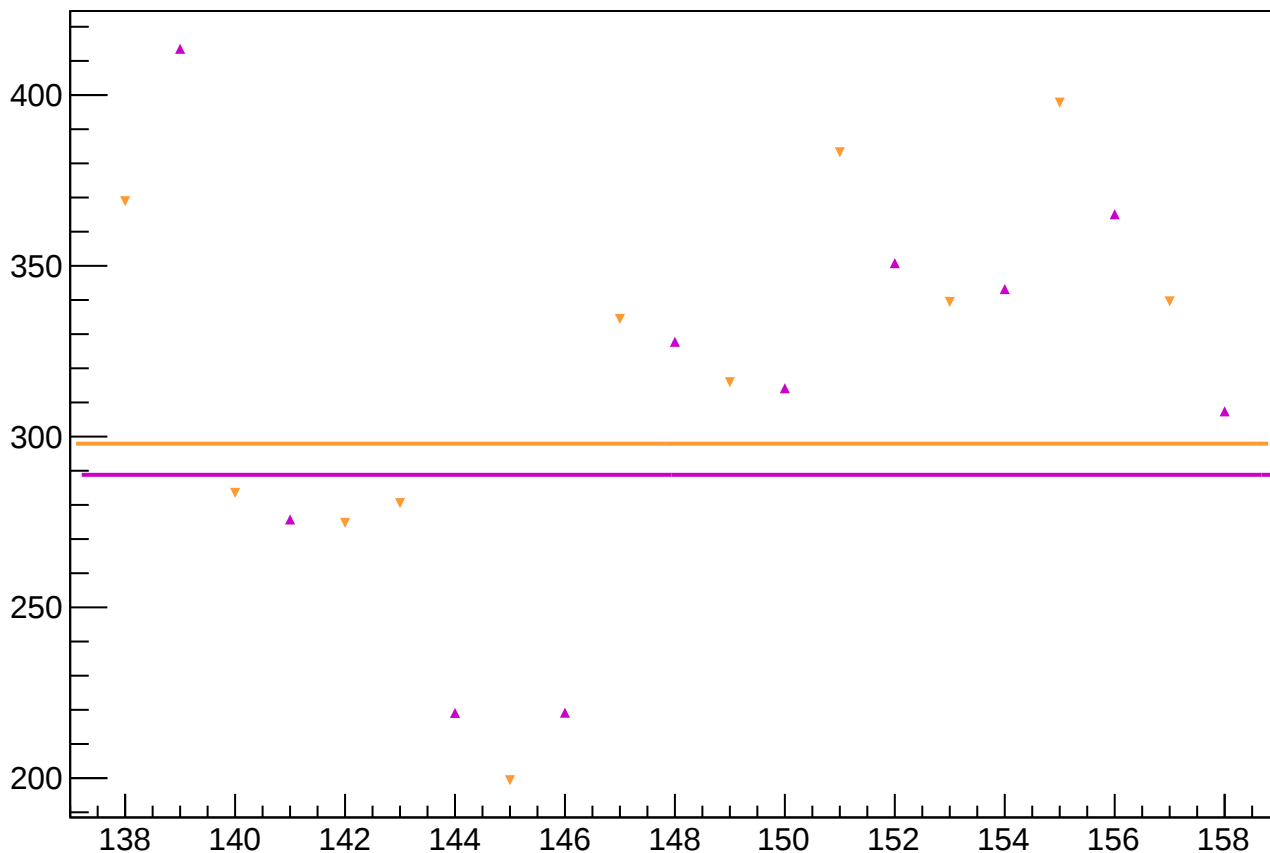
Left In: 68.920+/-103.146 χ^2/NDF : 6.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.465+/-74.314 χ^2/NDF : 41.8/20

- 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: 297.933+/-0.076 χ^2/NDF : 686889.3/10

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

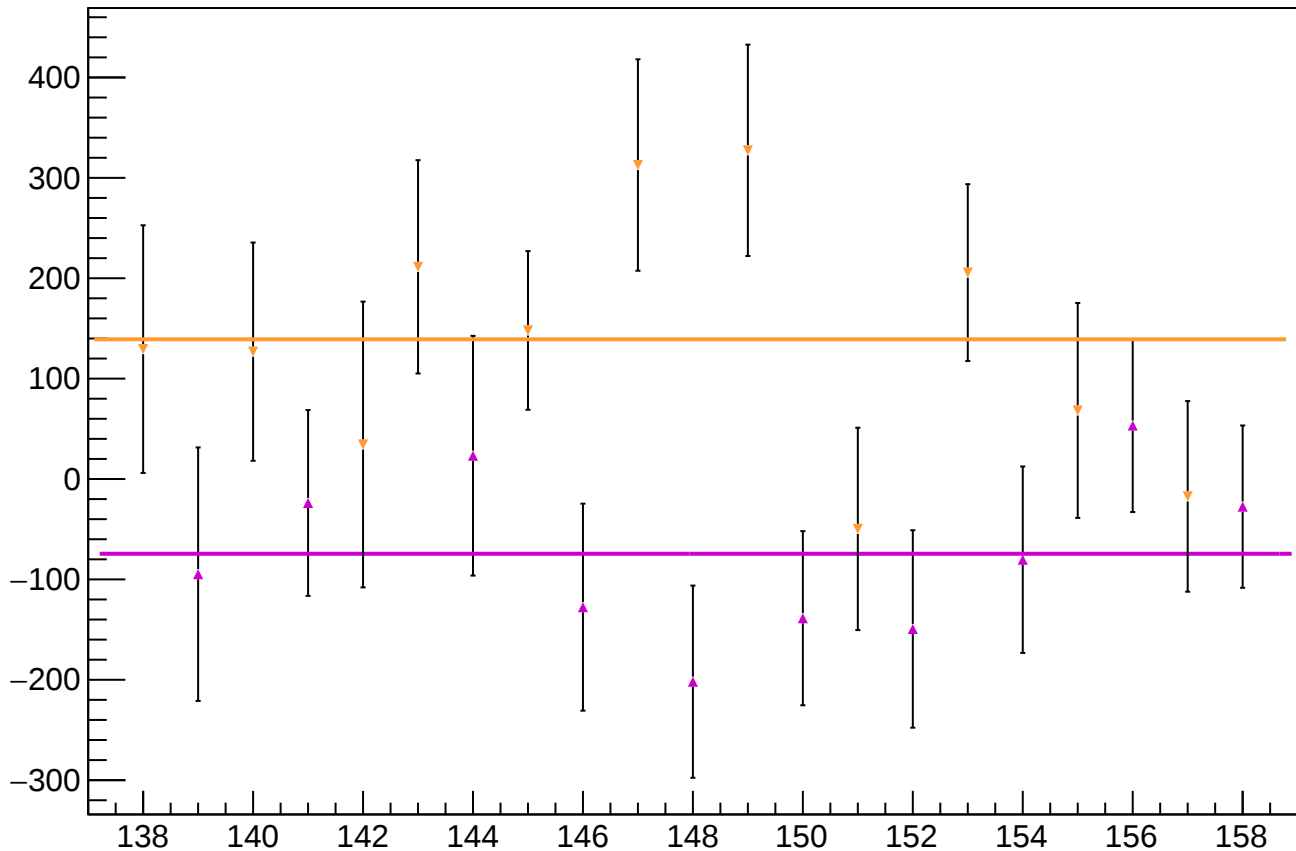
Left In: 288.813+/-0.073 χ^2/NDF : 677908.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.199+/-0.053 χ^2/NDF : 1372318.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



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

Left Out: 139.193+/-30.799 χ^2/NDF : 14.2/10

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

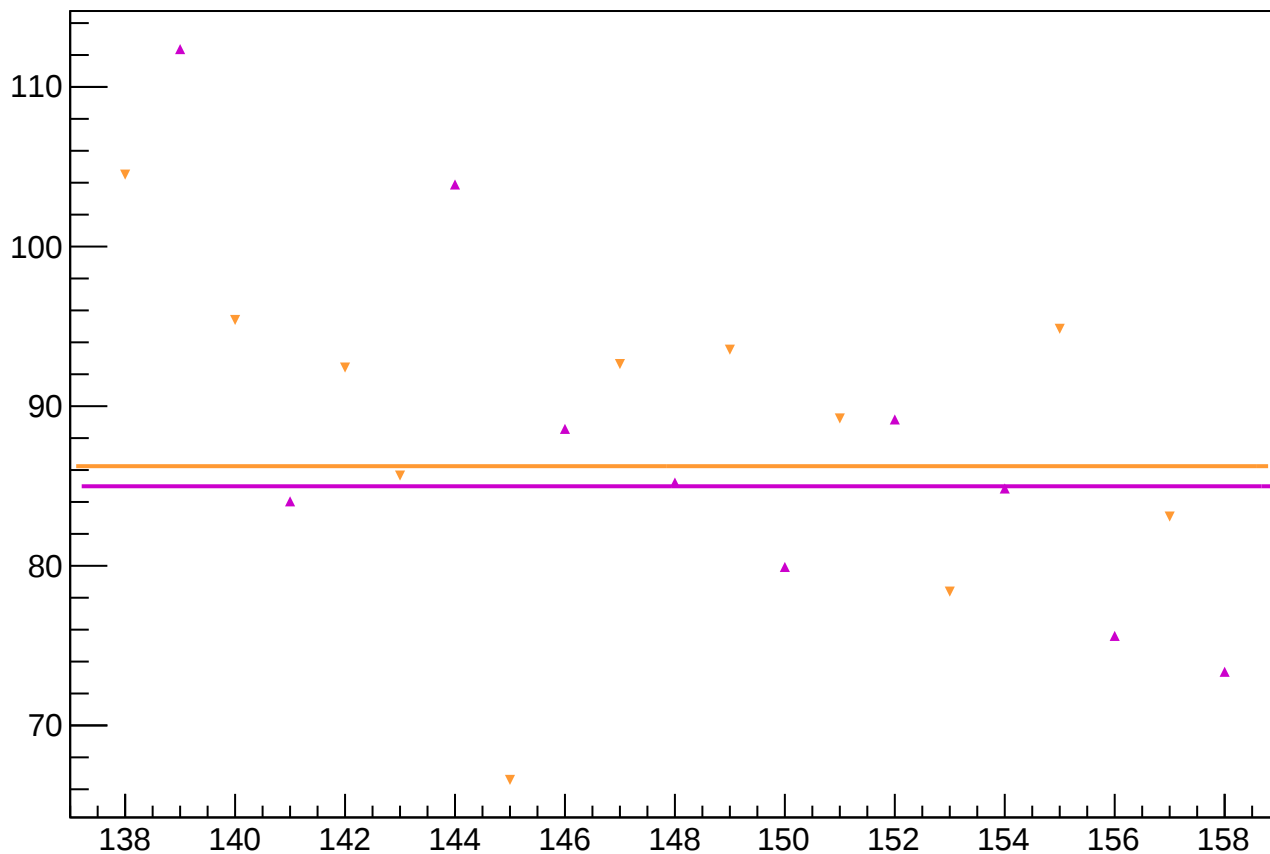
Left In: -74.455+/-30.249 χ^2/NDF : 6.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.445+/-21.581 χ^2/NDF : 45.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



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

Left Out: 86.241+/-0.022 χ^2/NDF : 235344.3/10

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

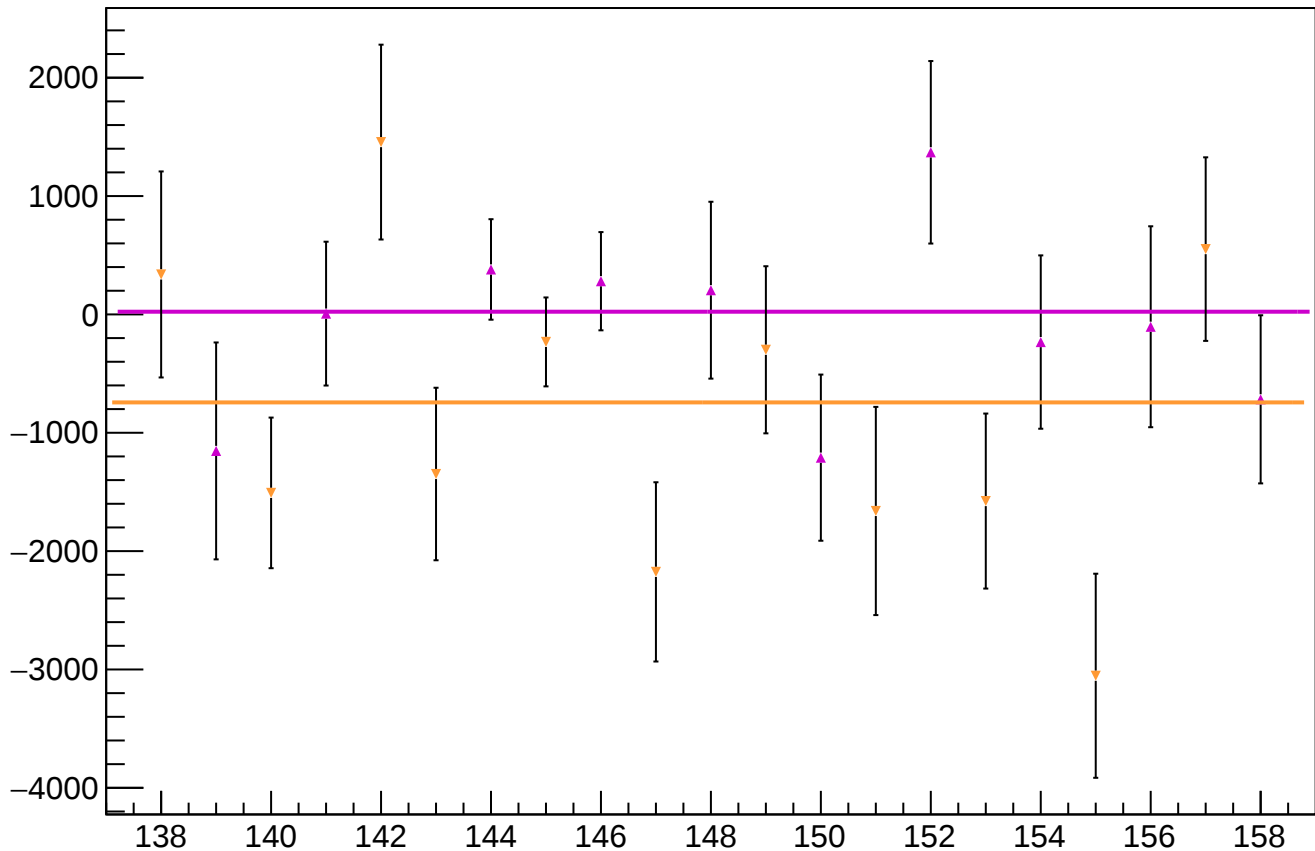
Left In: 84.983+/-0.021 χ^2/NDF : 222353.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.601+/-0.015 χ^2/NDF : 459397.0/20

- 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: -743.480+/-203.637 χ^2/NDF : 29.0/10

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

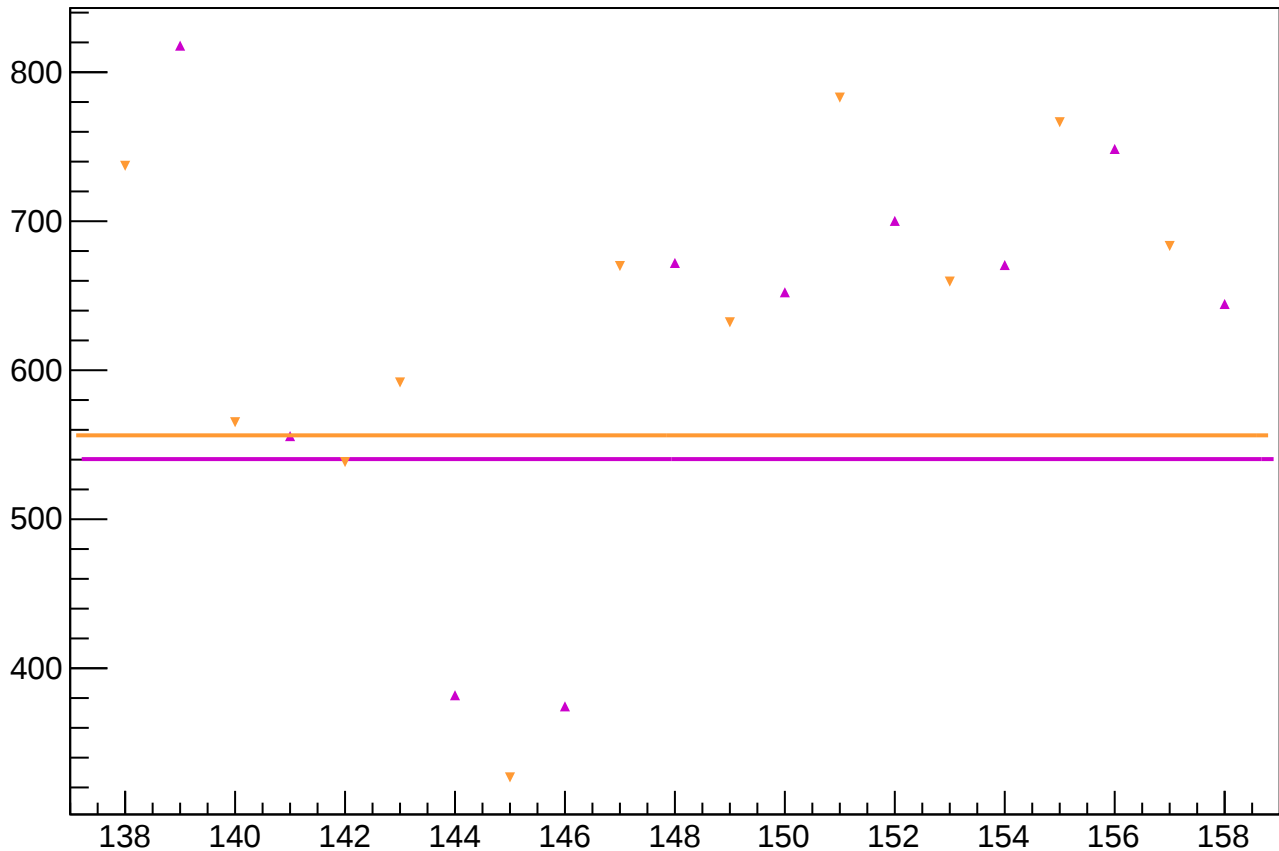
Left In: 22.849+/-196.154 χ^2/NDF : 10.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.977+/-141.273 χ^2/NDF : 46.5/20

- 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: 556.307+/-0.144 χ^2/NDF :1251747.1/10

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

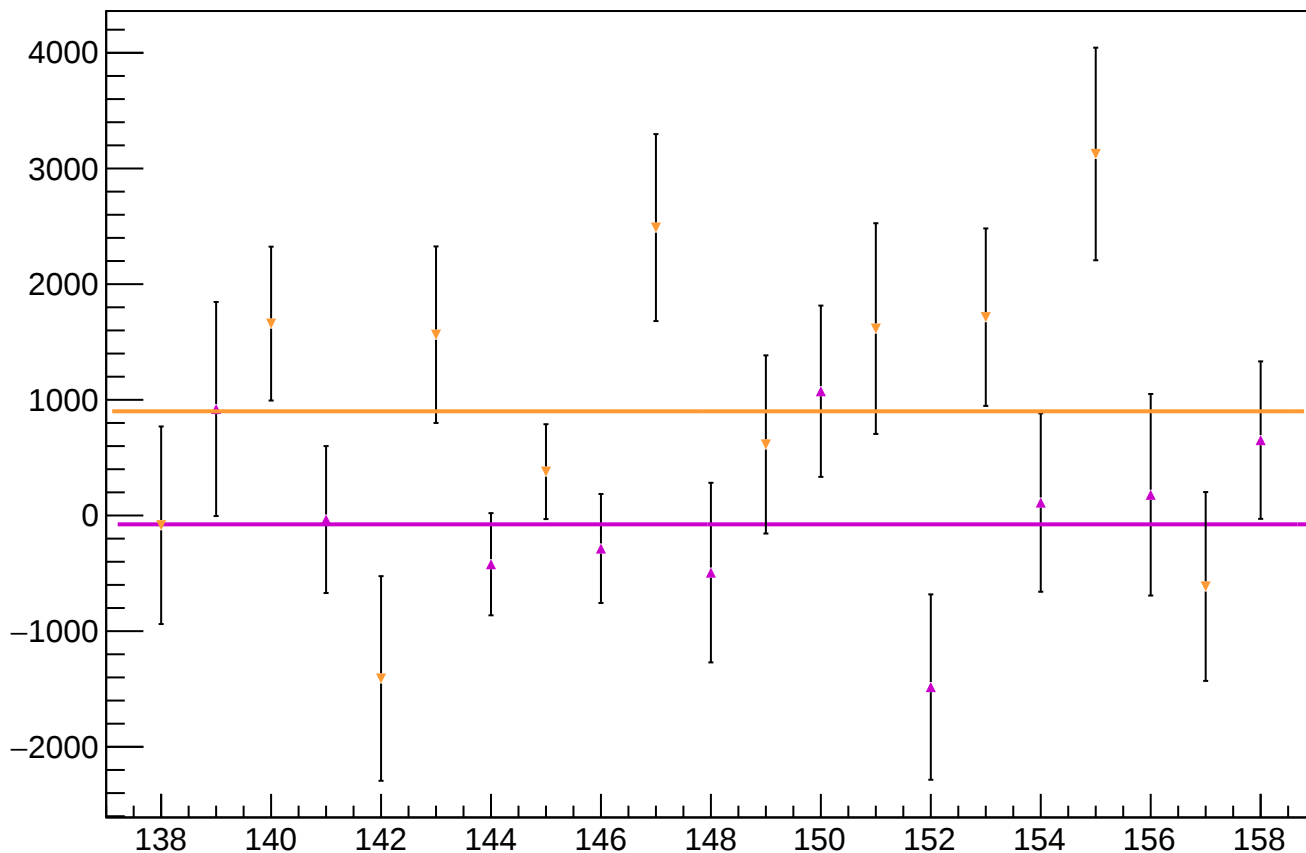
Left In: 540.363+/-0.139 χ^2/NDF :1208443.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.037+/-0.100 χ^2/NDF : 2466549.7/20

- 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: 900.872+/-216.260 χ^2/NDF : 26.9/10

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

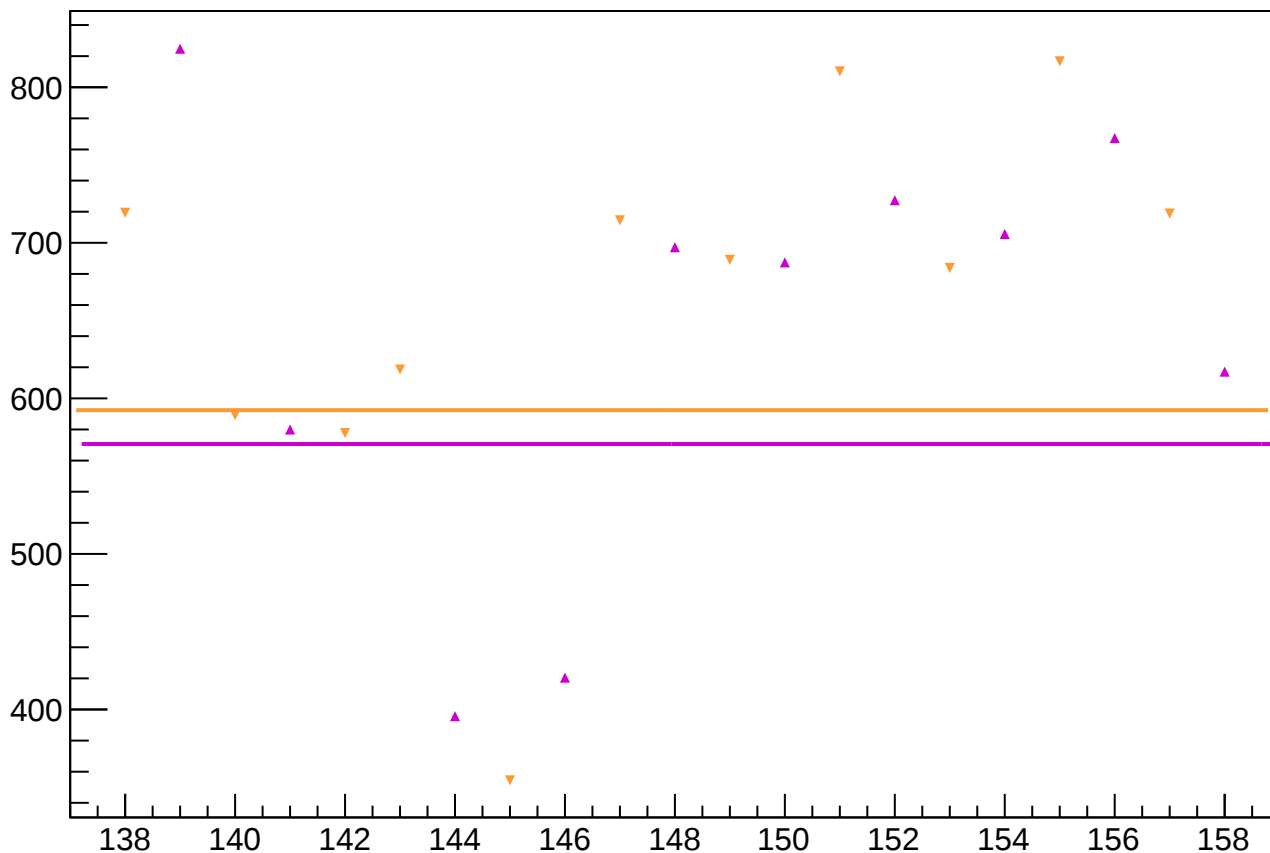
Left In: -76.510+/-206.396 χ^2/NDF : 9.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.384+/-149.309 χ^2/NDF : 46.6/20

- 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: 592.414+/-0.153 χ^2/NDF :1107659.4/10

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

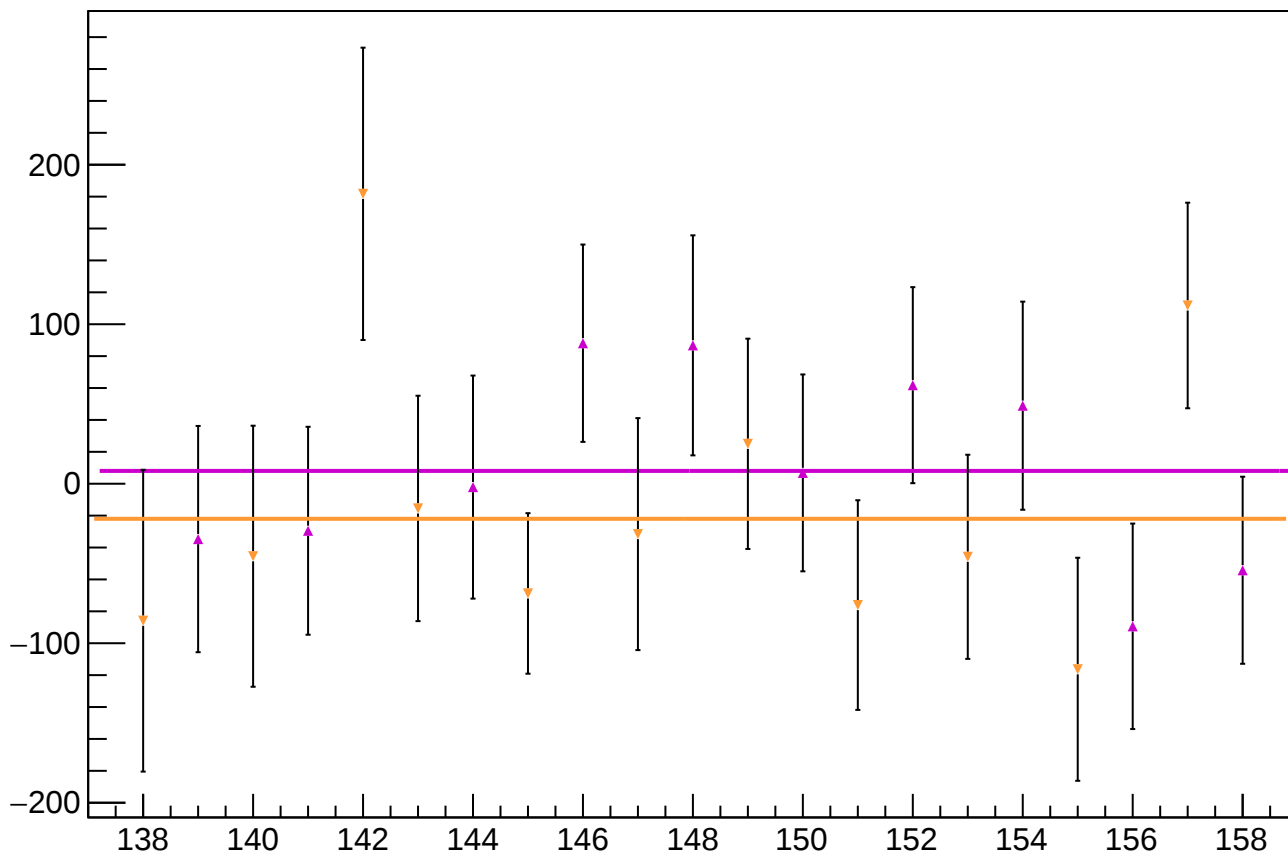
Left In: 570.655+/-0.146 χ^2/NDF :1020338.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.027+/-0.106 χ^2/NDF : 2138593.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -21.984+/-20.781 χ^2/NDF :13.8/10

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

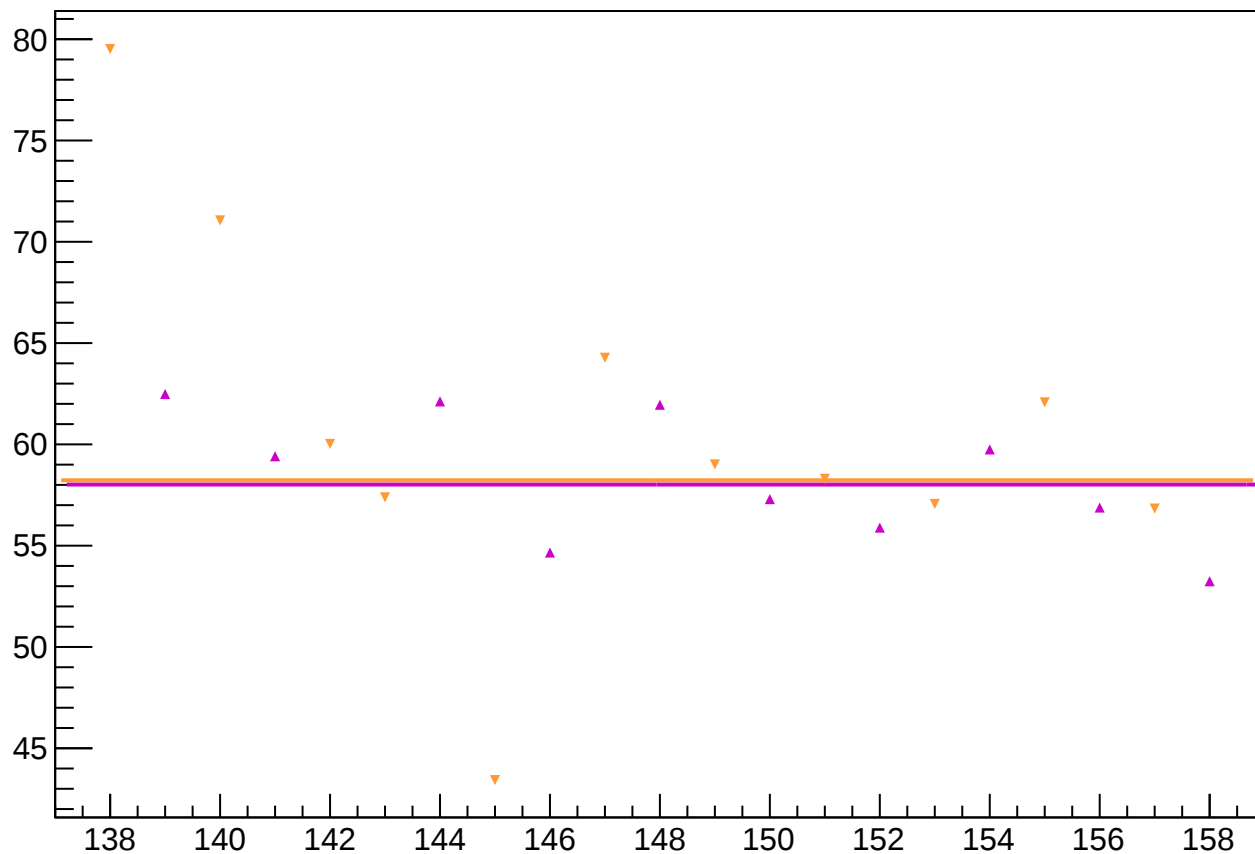
Left In: 8.033+/-20.393 χ^2/NDF :8.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.693+/-14.555 χ^2/NDF : 23.2/20

- sign 0.000+/-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: 58.228+/-0.015 χ^2/NDF : 346176.6/10

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

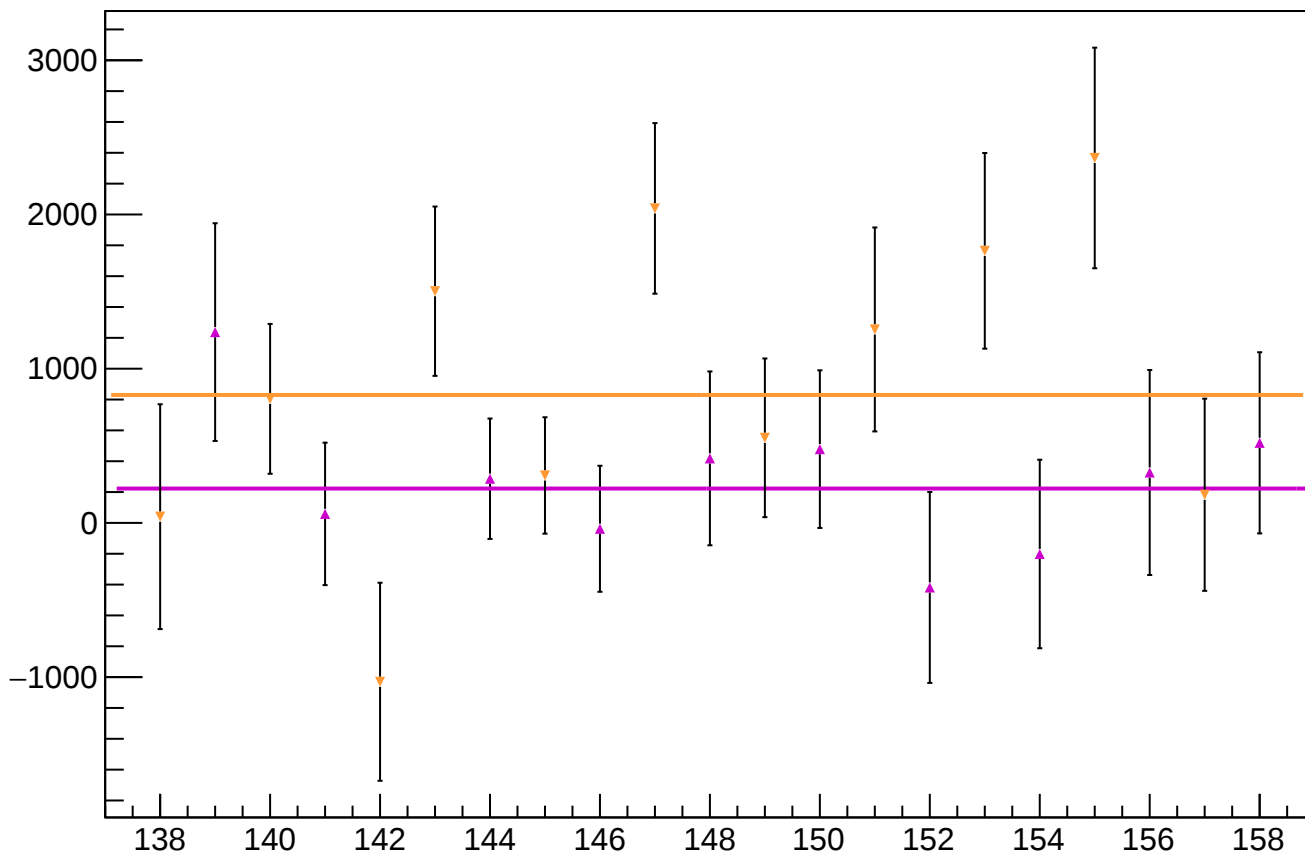
Left In: 58.018+/-0.014 χ^2/NDF : 46110.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.121+/-0.010 χ^2/NDF : 392391.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 829.667+/-168.486 χ^2/NDF : 26.3/10

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

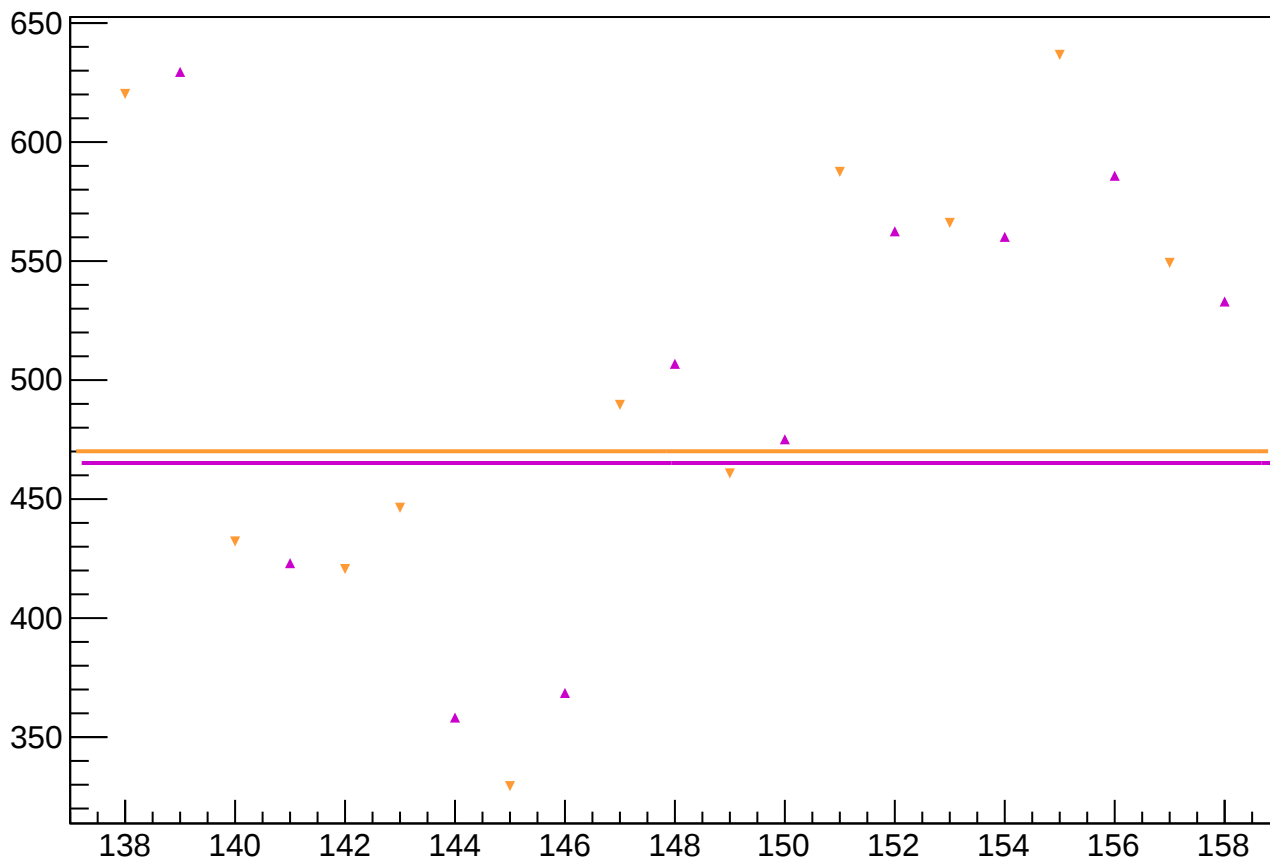
Left In: 222.791+/-165.150 χ^2/NDF : 4.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.160+/-117.940 χ^2/NDF : 37.8/20

- 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: 470.102+/-0.119 χ^2/NDF : 643093.3/10

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

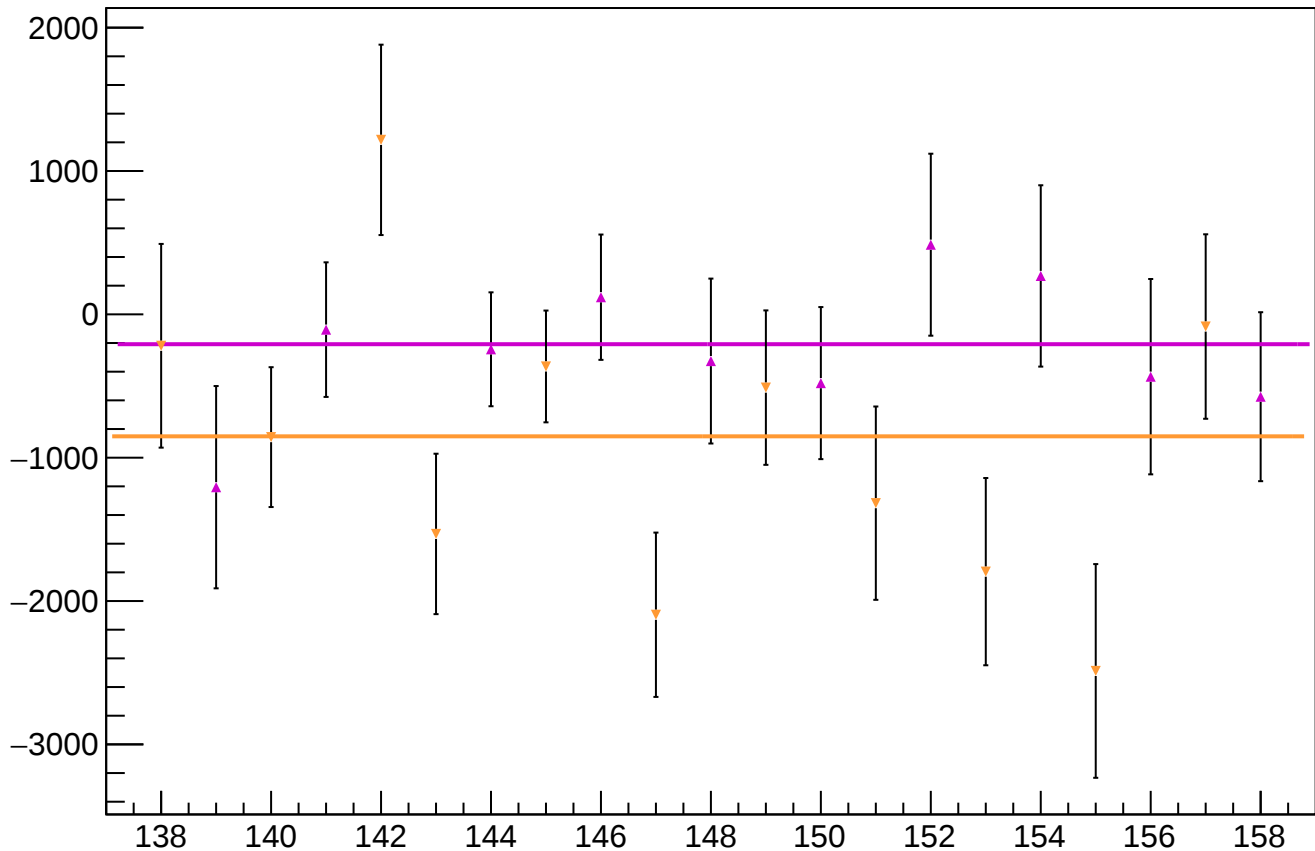
Left In: 465.166+/-0.117 χ^2/NDF : 588908.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.585+/-0.083 χ^2/NDF : 1232877.3/20

- 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: -851.024+/-172.853 χ^2/NDF : 27.5/10

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

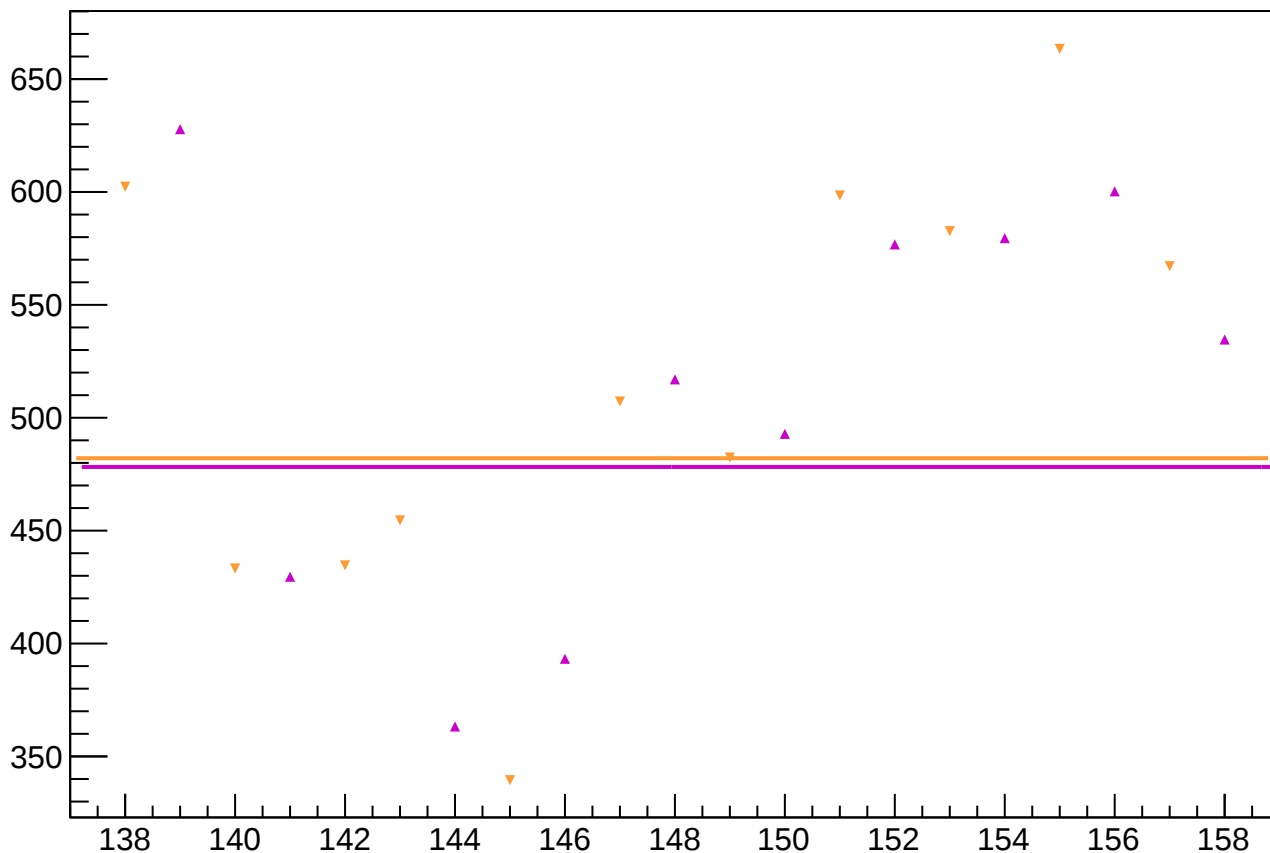
Left In: -208.282+/-169.749 χ^2/NDF : 5.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -523.831+/-121.113 χ^2/NDF : 39.7/20

- 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: 482.083+/-0.122 χ^2/NDF : 624052.5/10

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

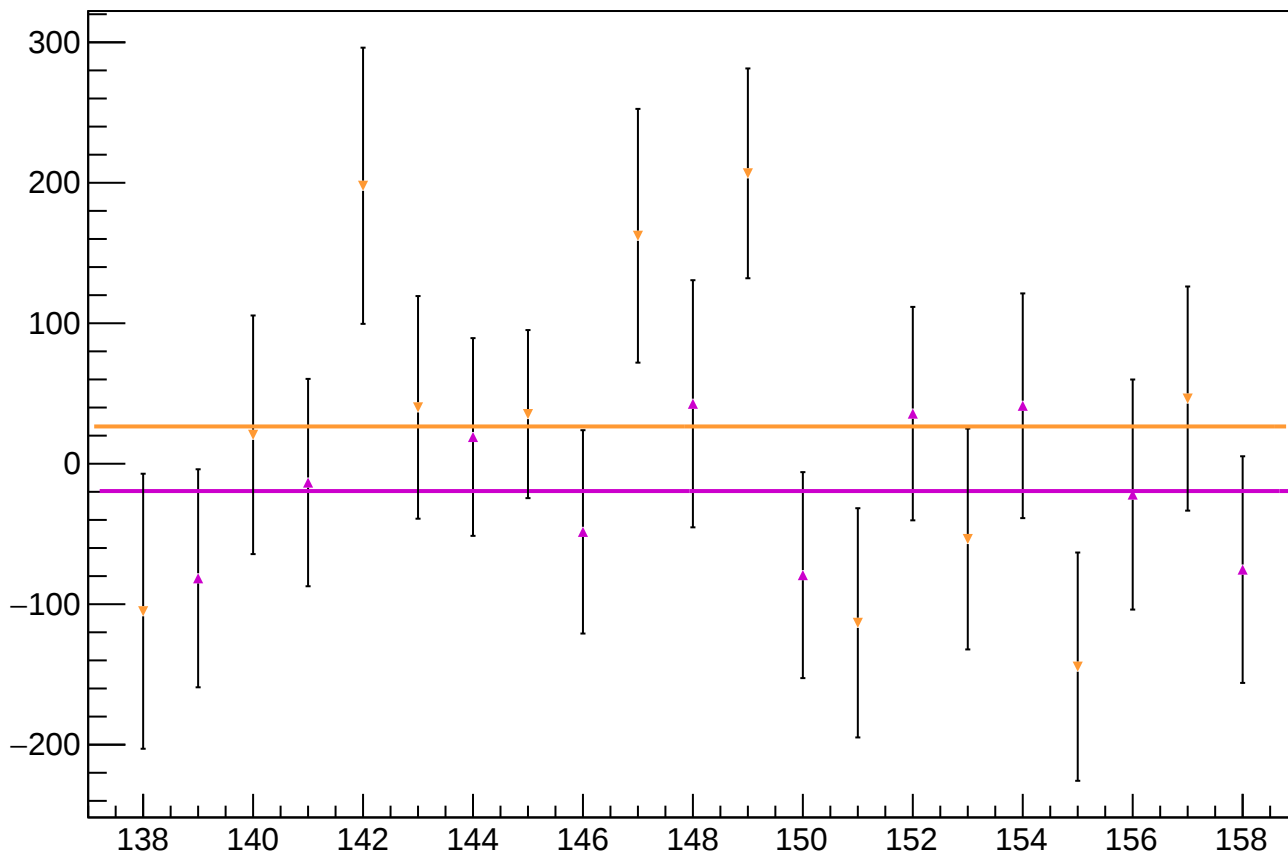
Left In: 478.208+/-0.120 χ^2/NDF : 547102.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.111+/-0.086 χ^2/NDF : 1171666.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 26.536+/-24.199 χ^2/NDF : 21.4/10

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

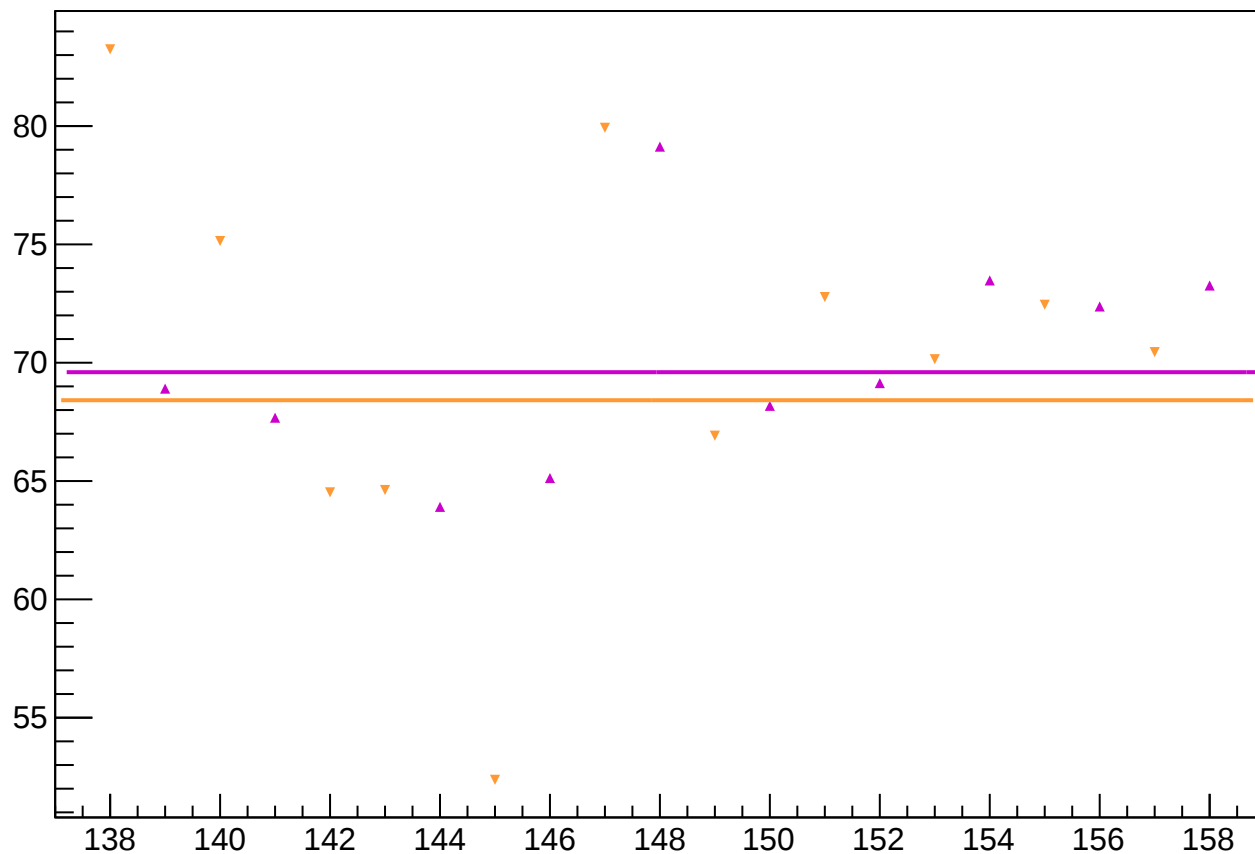
Left In: -19.451+/-24.326 χ^2/NDF : 3.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.662+/-17.156 χ^2/NDF : 27.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 68.415+/-0.017 χ^2/NDF : 256144.5/10

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

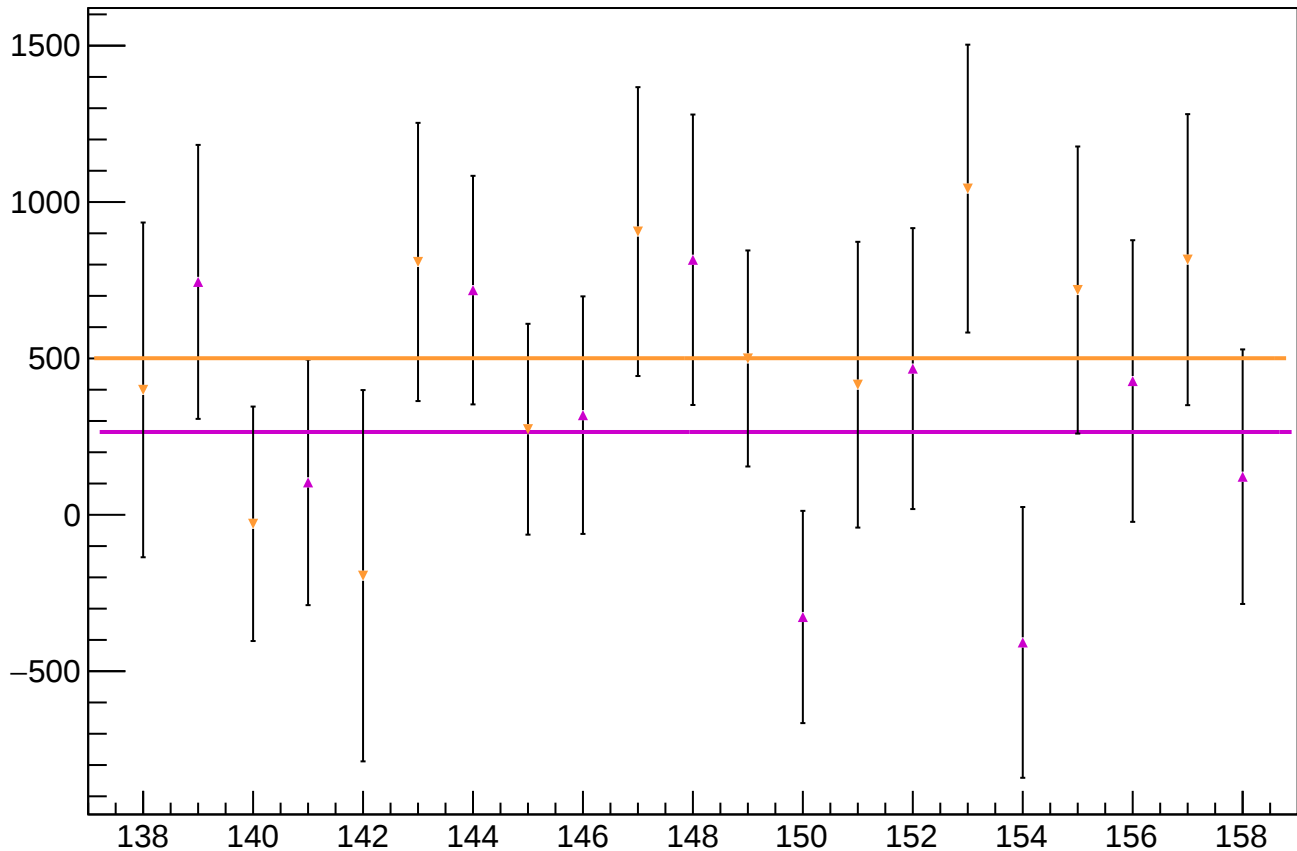
Left In: 69.600+/-0.017 χ^2/NDF : 57653.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.004+/-0.012 χ^2/NDF : 316183.4/20

- 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: 500.664+/-129.902 χ^2/NDF : 7.2/10

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

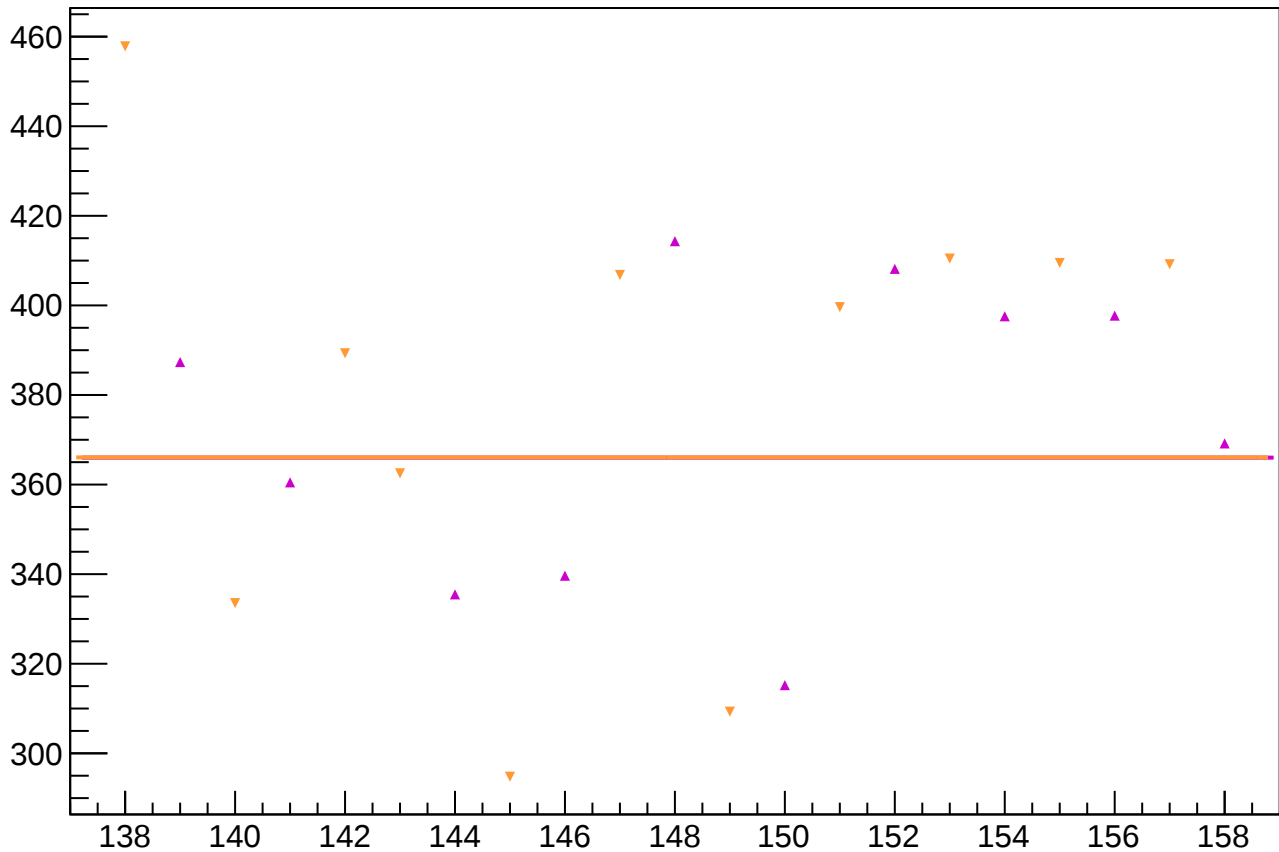
Left In: 264.796+/-128.335 χ^2/NDF : 10.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.300+/-91.295 χ^2/NDF : 19.1/20

- 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: 366.068+/-0.092 χ^2/NDF :300618.4/10

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

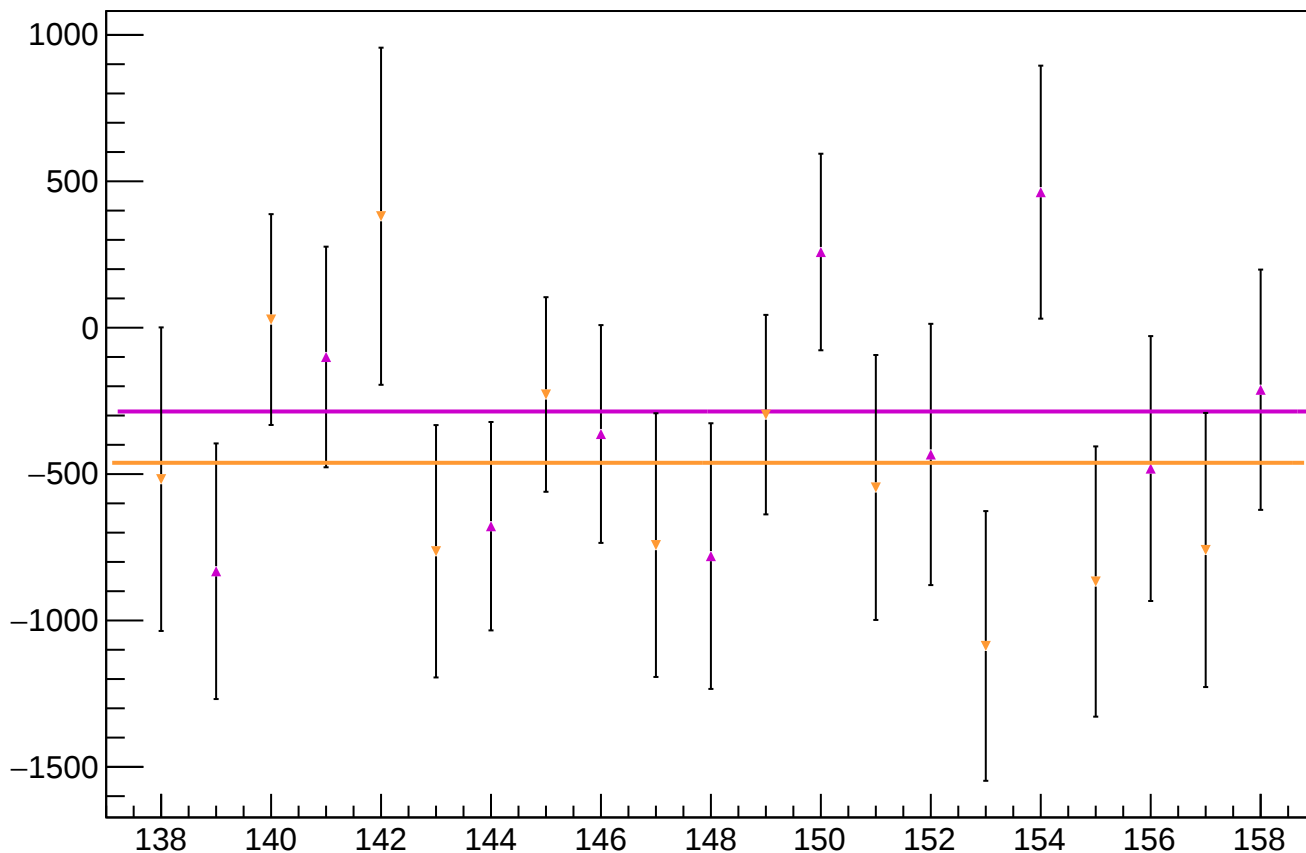
Left In: 366.012+/-0.091 χ^2/NDF :133493.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.040+/-0.065 χ^2/NDF : 434112.1/20

- 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: -461.424+/-127.731 χ^2/NDF : 8.7/10

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

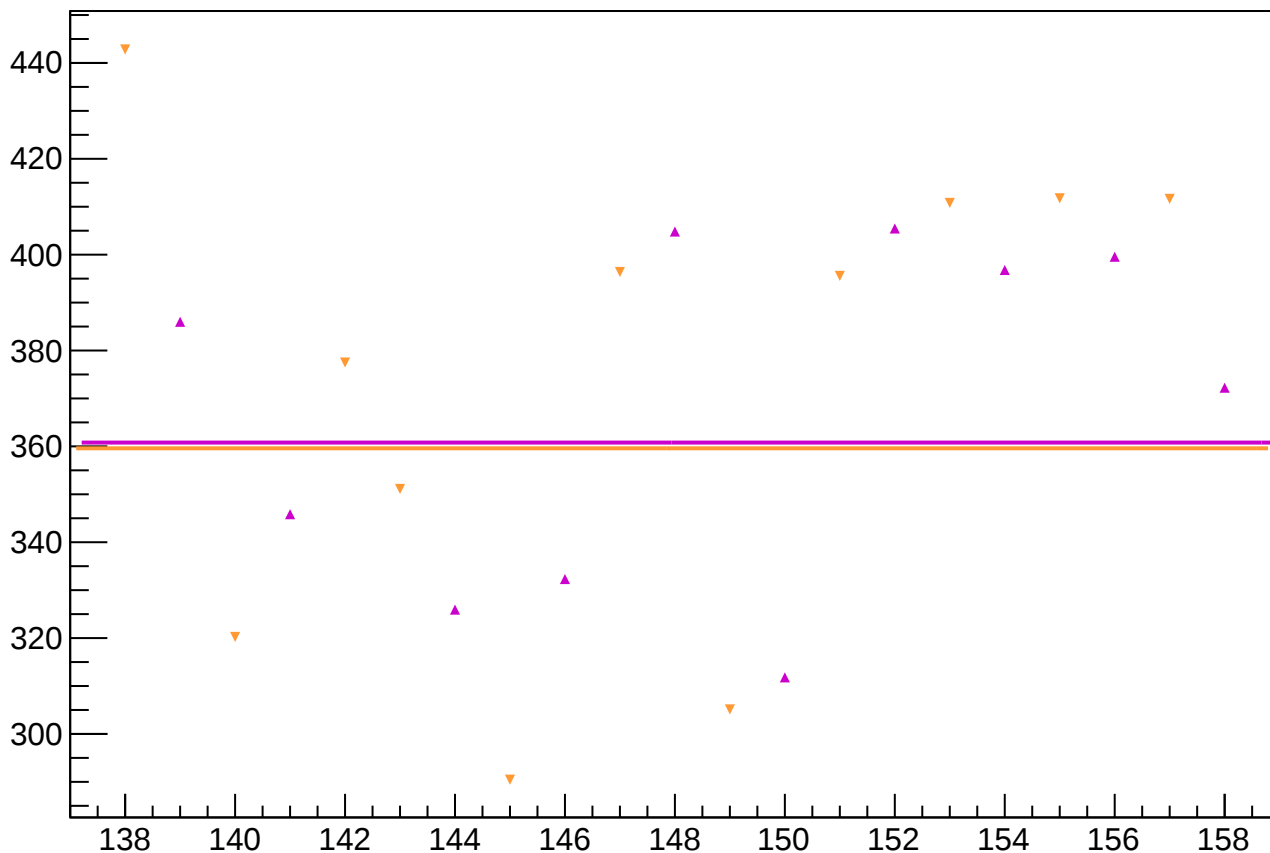
Left In: -286.174+/-126.641 χ^2/NDF : 10.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.048+/-89.932 χ^2/NDF : 19.8/20

- 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: 359.596+/-0.090 χ^2/NDF : 316821.2/10

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

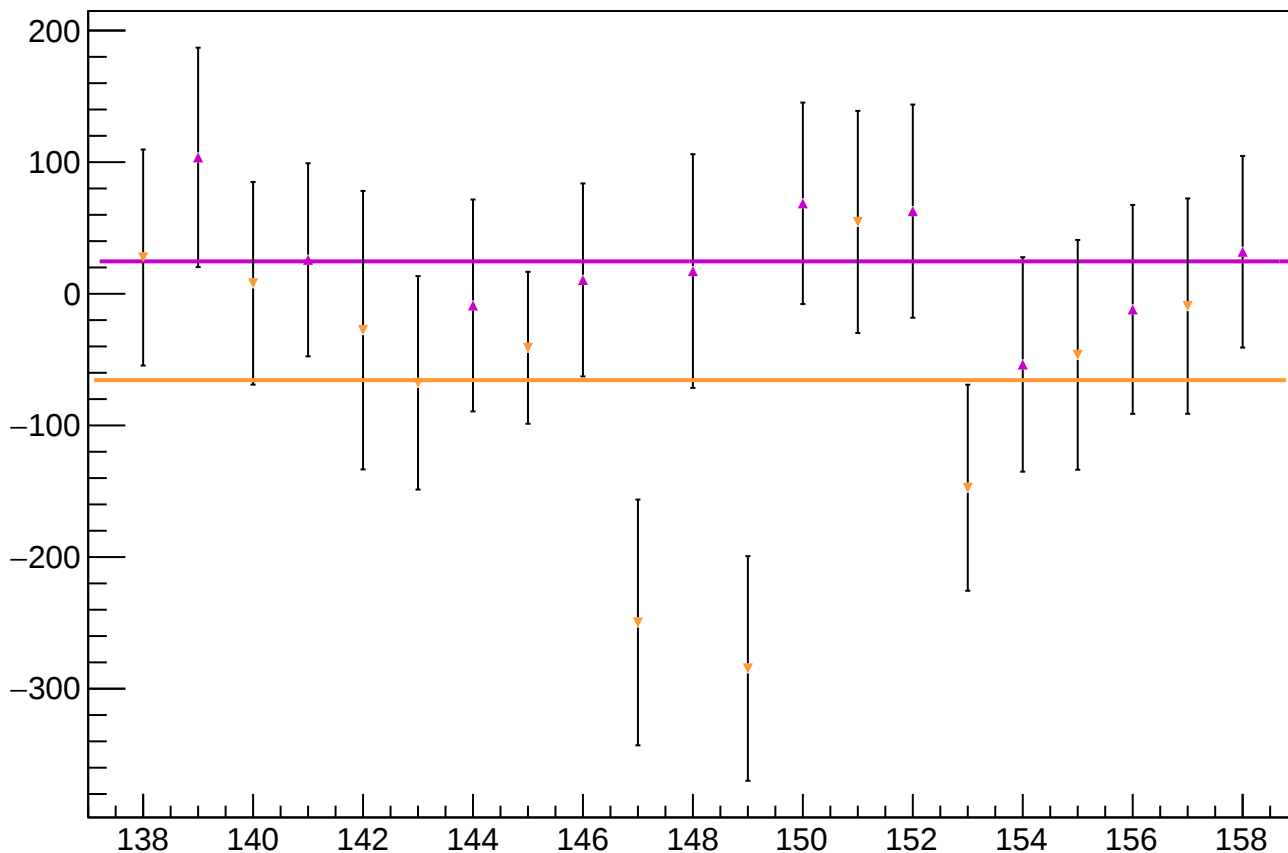
Left In: 360.792+/-0.090 χ^2/NDF : 152339.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.199+/-0.064 χ^2/NDF : 469249.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -65.604 $\pm$ 24.284 χ^2 /NDF:16.6/10

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

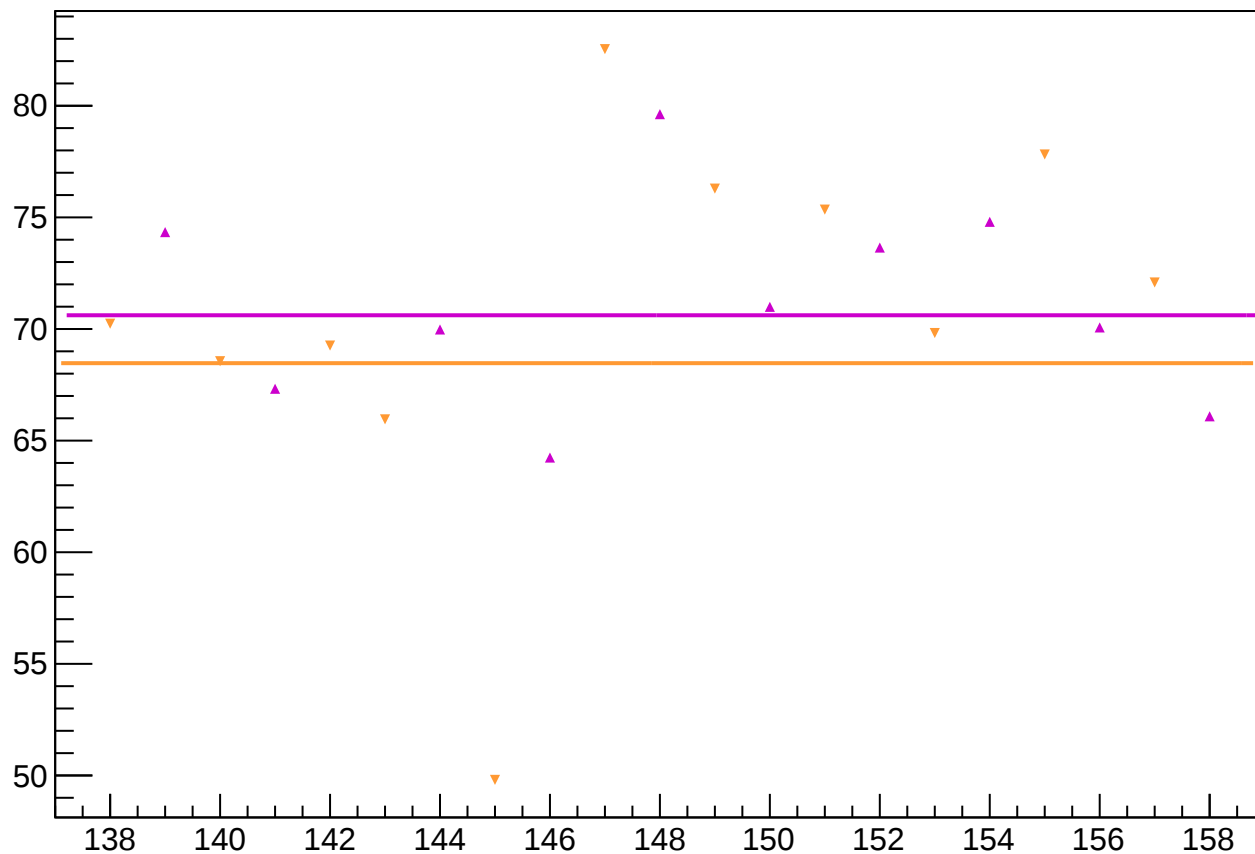
Left In: 24.637 $\pm$ 24.855 χ^2 /NDF:2.8/9

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

All: -21.530 $\pm$ 17.370 χ^2 /NDF: 26.2/20

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

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 68.469+/-0.017 χ^2/NDF : 315264.4/10

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

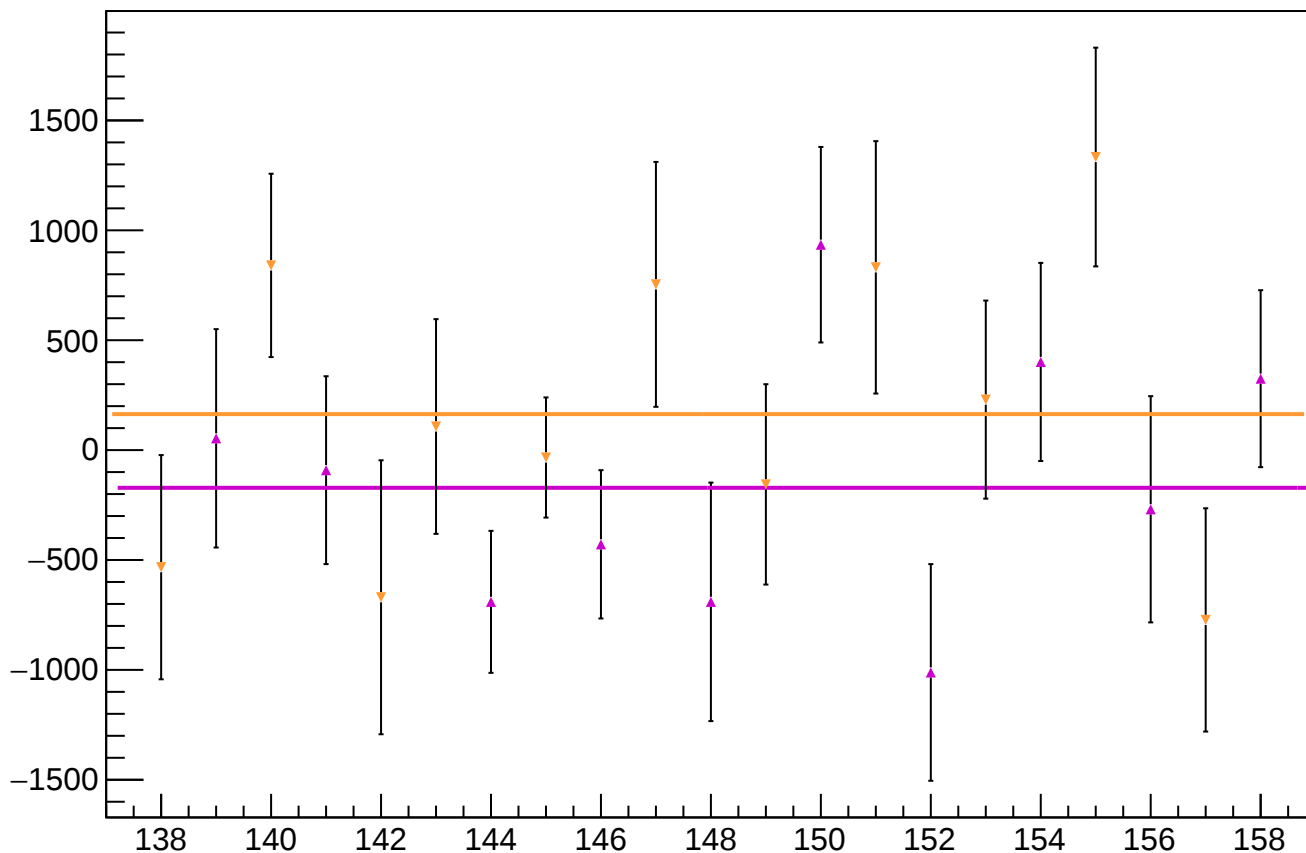
Left In: 70.615+/-0.018 χ^2/NDF : 59841.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.518+/-0.012 χ^2/NDF : 382734.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 163.671+/-136.528 χ^2/NDF : 18.7/10

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

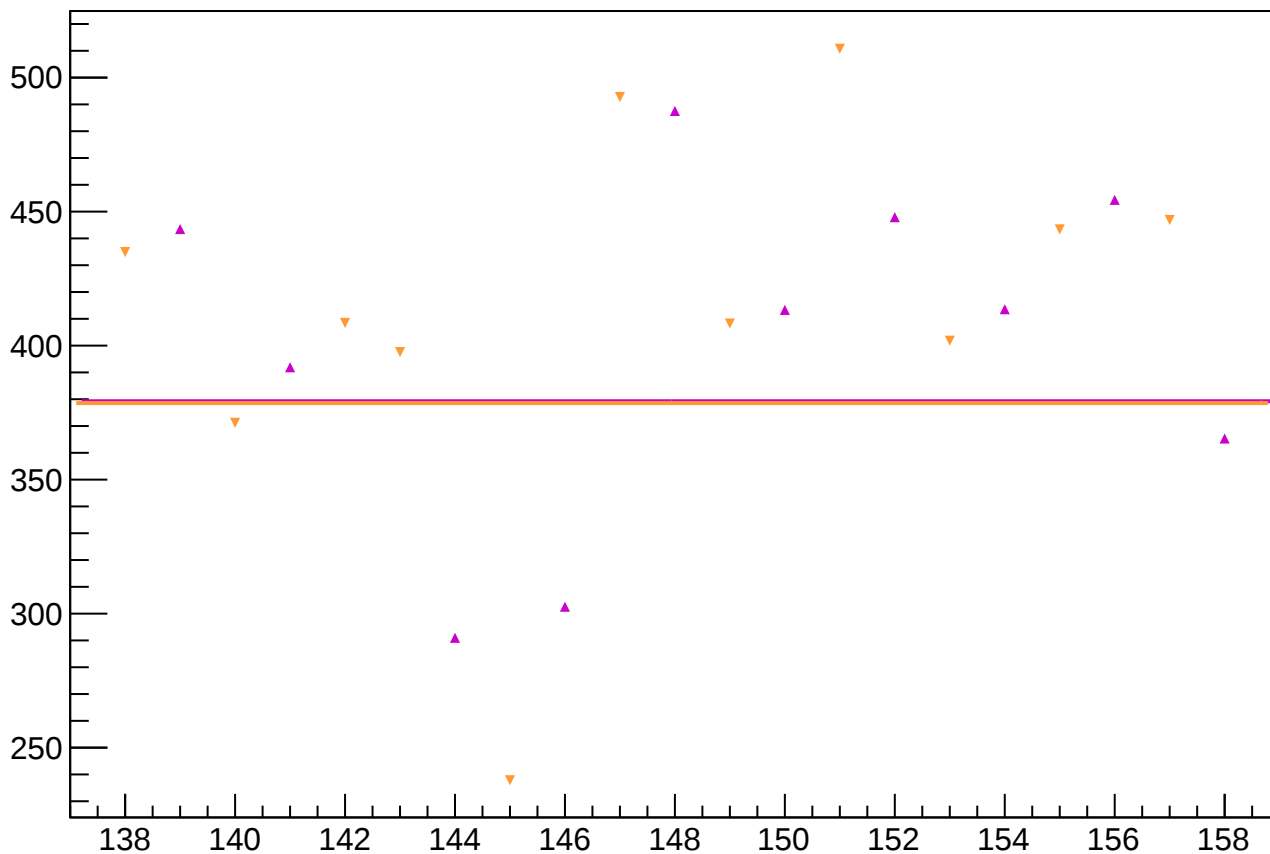
Left In: -171.546+/-134.444 χ^2/NDF : 16.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.517+/-95.795 χ^2/NDF : 38.4/20

- 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: 378.556+/-0.097 χ^2/NDF : 836888.3/10

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

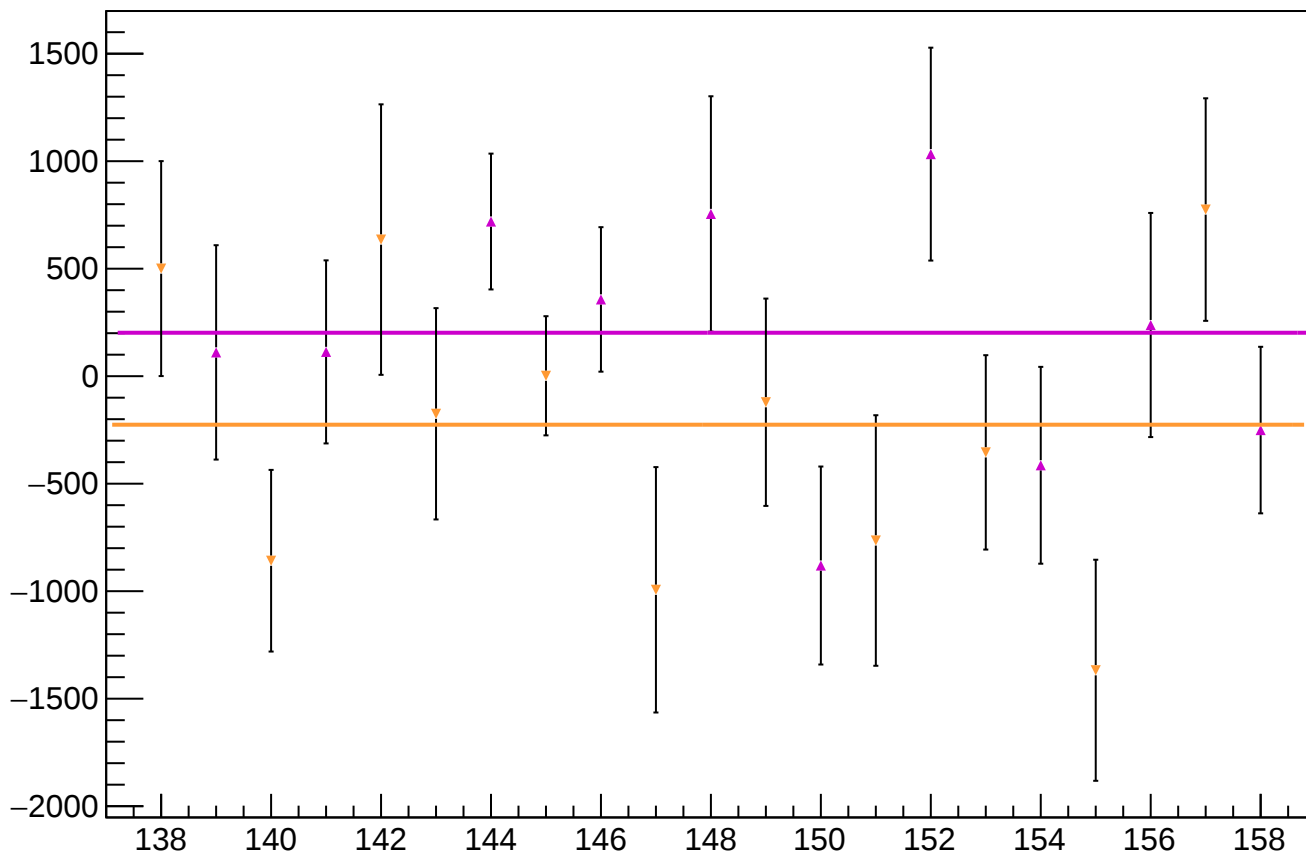
Left In: 379.247+/-0.095 χ^2/NDF : 474686.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.907+/-0.068 χ^2/NDF : 1311601.1/20

- 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: -225.662+/-138.646 χ^2/NDF : 18.4/10

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

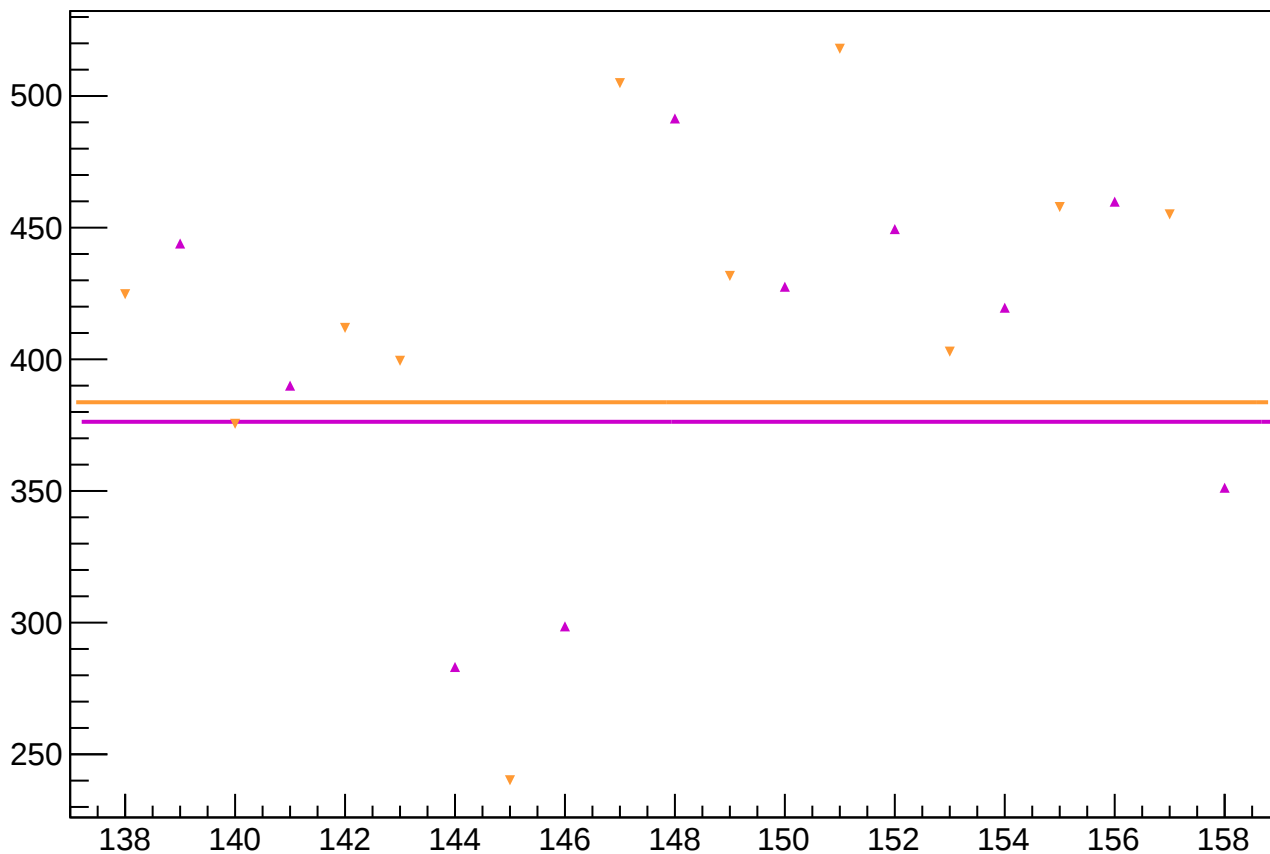
Left In: 202.044+/-134.024 χ^2/NDF : 15.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.561+/-96.362 χ^2/NDF : 38.8/20

- 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: 383.696+/-0.098 χ^2/NDF :856428.4/10

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

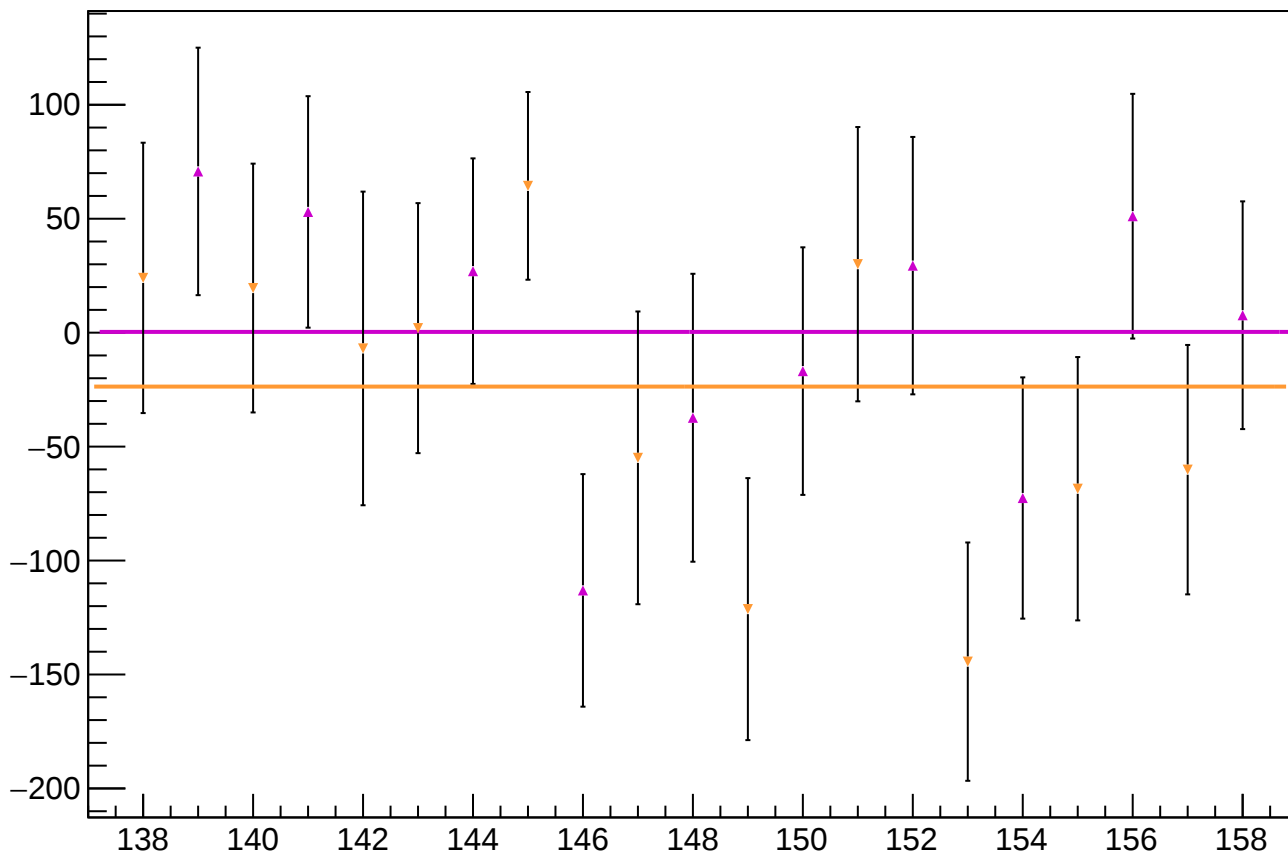
Left In: 376.272+/-0.095 χ^2/NDF :554542.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.858+/-0.068 χ^2/NDF : 1413936.0/20

- 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: -23.663+/-16.729 χ^2/NDF : 16.4/10

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

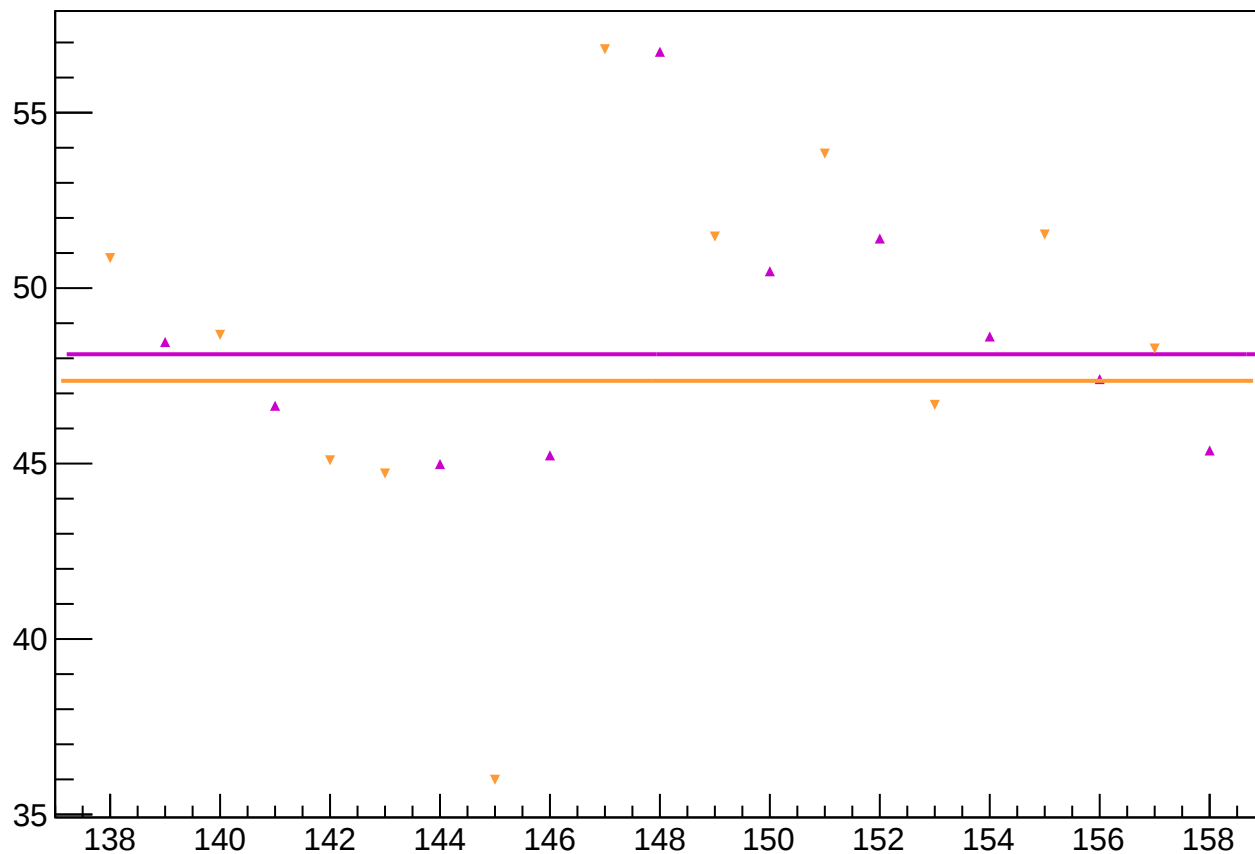
Left In: 0.335+/-16.839 χ^2/NDF : 11.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.742+/-11.868 χ^2/NDF : 29.0/20

- 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: 47.359+/-0.012 χ^2/NDF : 255254.1/10

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

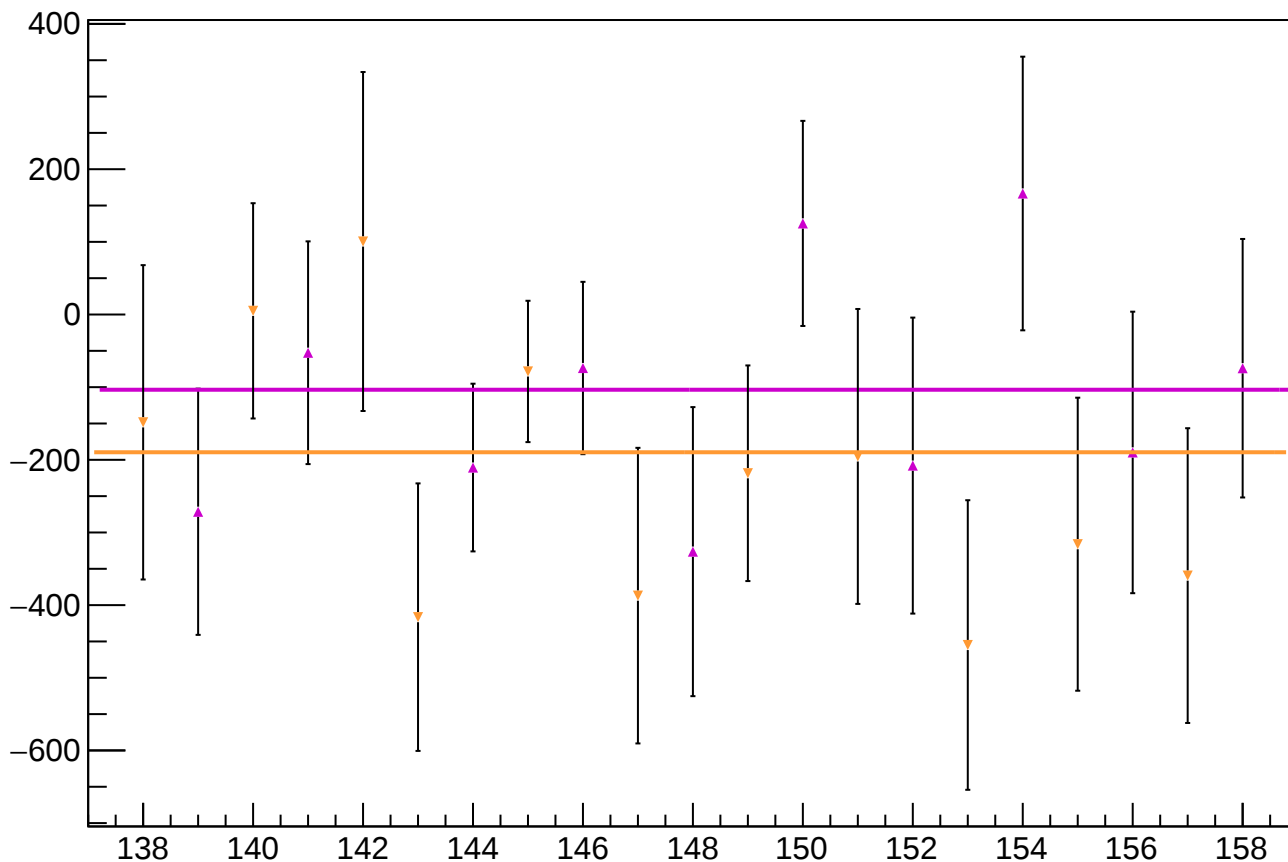
Left In: 48.115+/-0.012 χ^2/NDF : 70518.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.734+/-0.008 χ^2/NDF : 327804.2/20

- 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: -189.586+/-50.739 χ^2/NDF :10.0/10

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

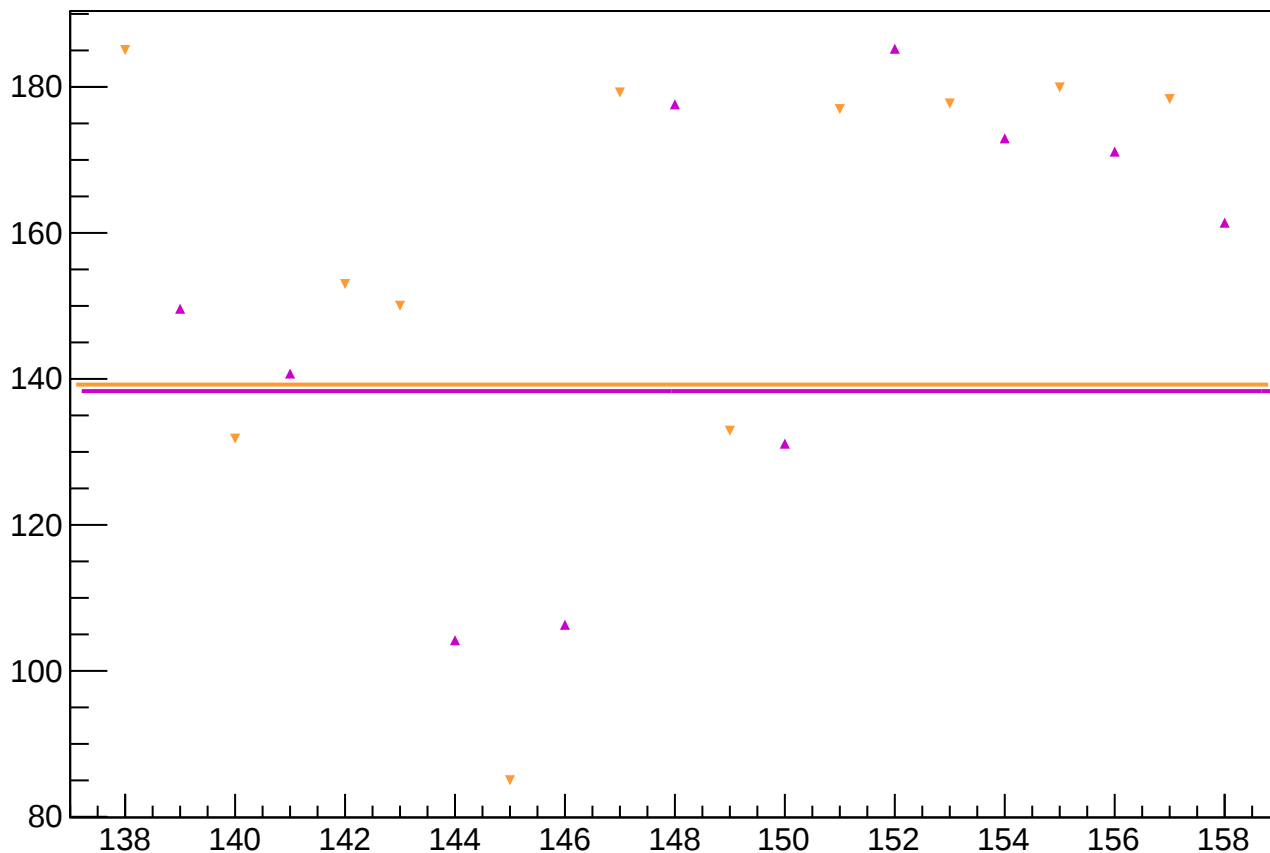
Left In: -103.537+/-49.414 χ^2/NDF :8.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.423+/-35.400 χ^2/NDF : 19.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 139.222+/-0.036 χ^2/NDF :1110494.2/10

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

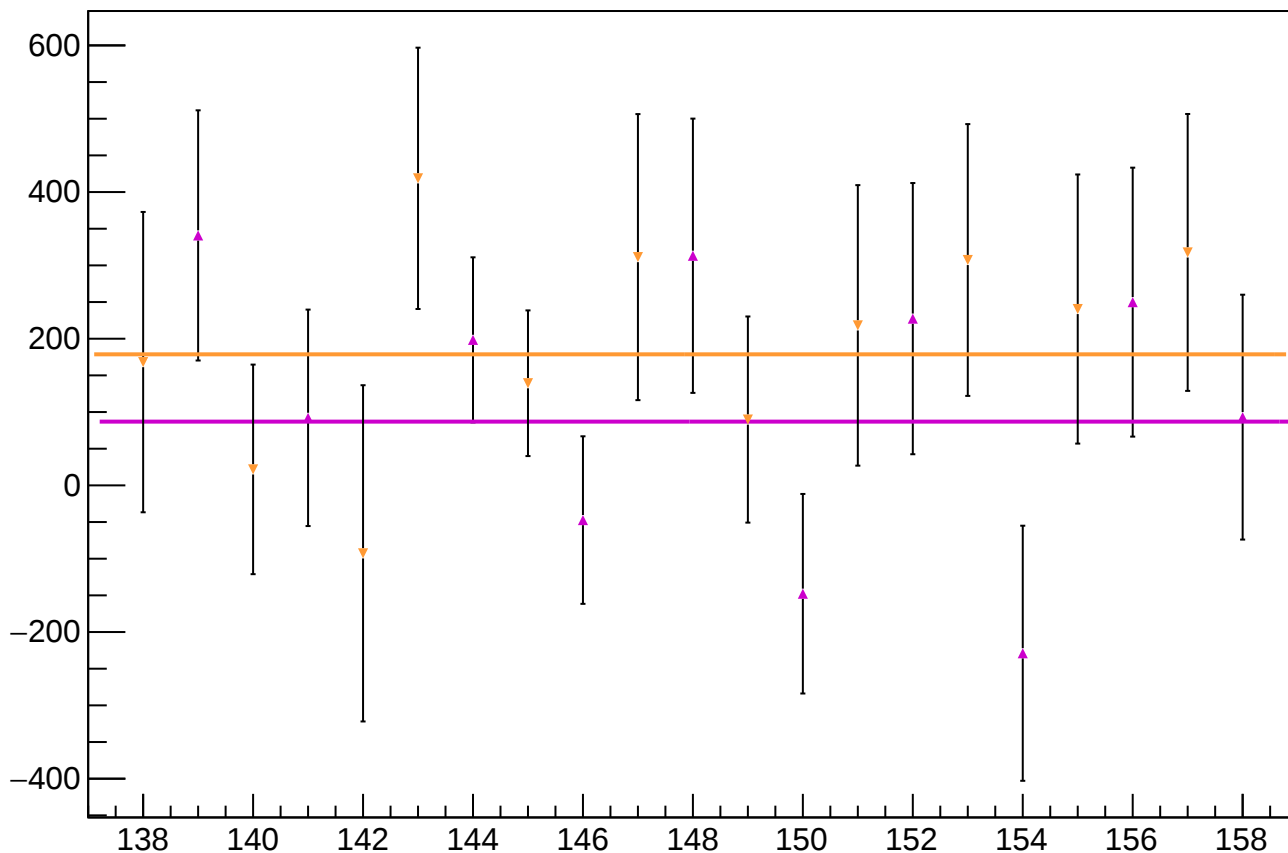
Left In: 138.330+/-0.035 χ^2/NDF :677804.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.764+/-0.025 χ^2/NDF : 1788616.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 178.713+/-49.041 χ^2/NDF : 6.6/10

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

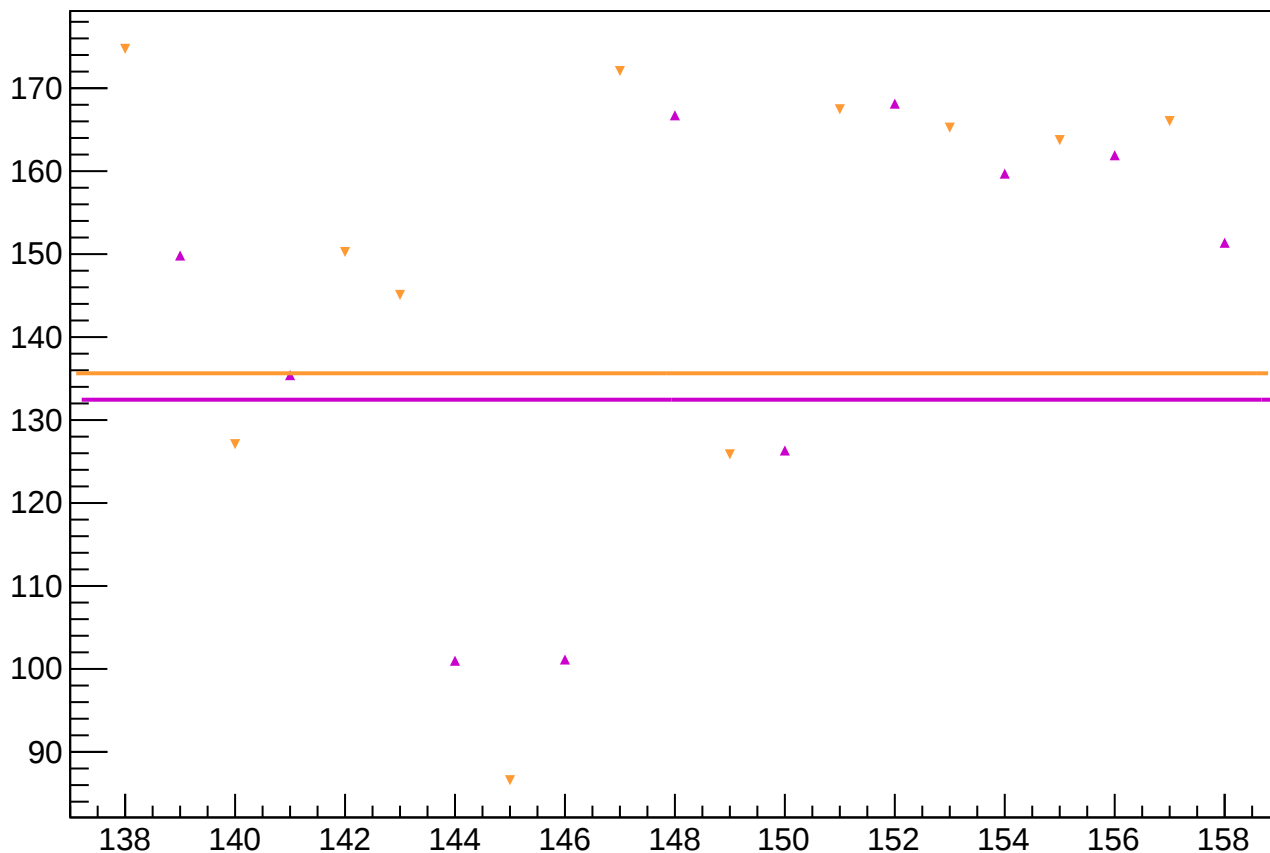
Left In: 86.937+/-47.334 χ^2/NDF : 13.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.200+/-34.058 χ^2/NDF : 22.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 135.636+/-0.035 χ^2/NDF : 866119.4/10

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

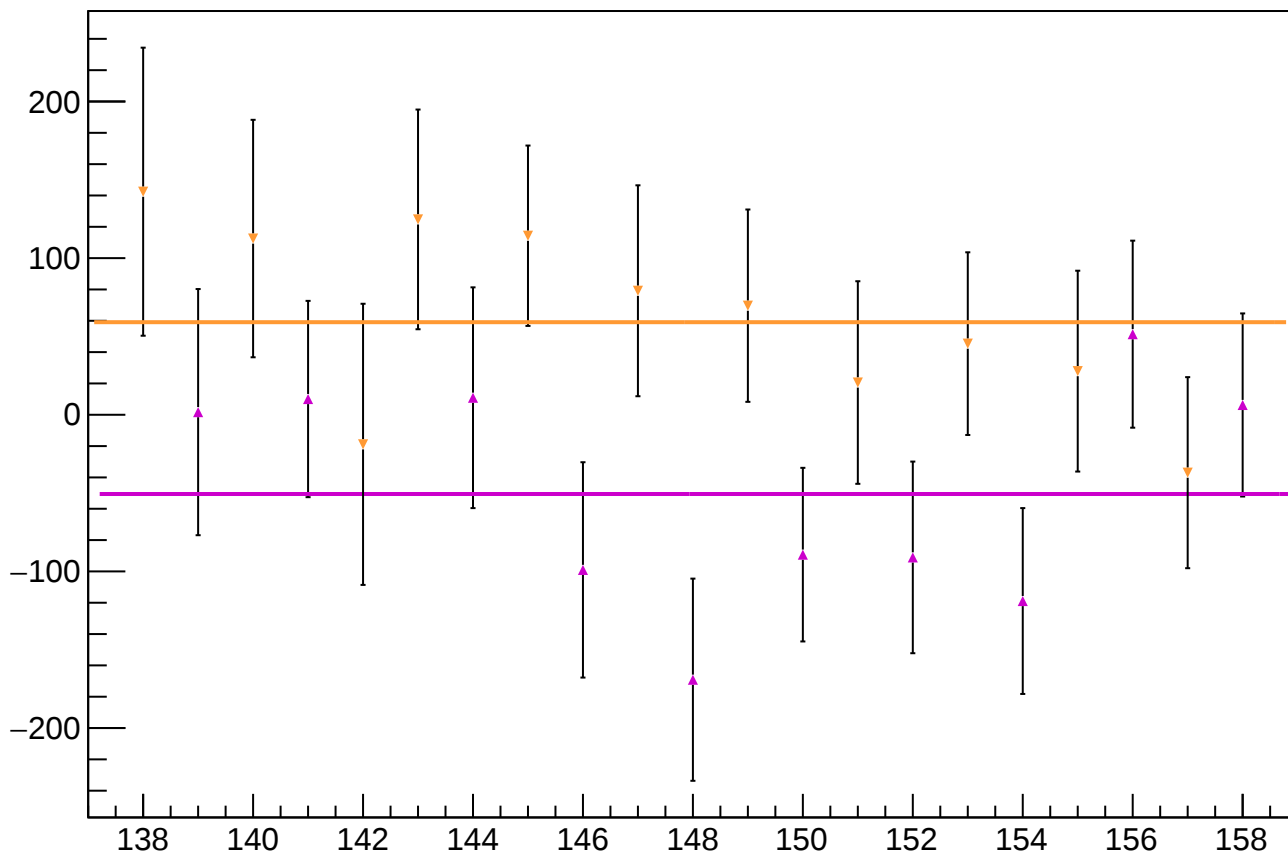
Left In: 132.452+/-0.033 χ^2/NDF : 600176.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.988+/-0.024 χ^2/NDF : 1470660.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 59.108 $\pm$ 20.192 χ^2 /NDF: 7.1/10

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

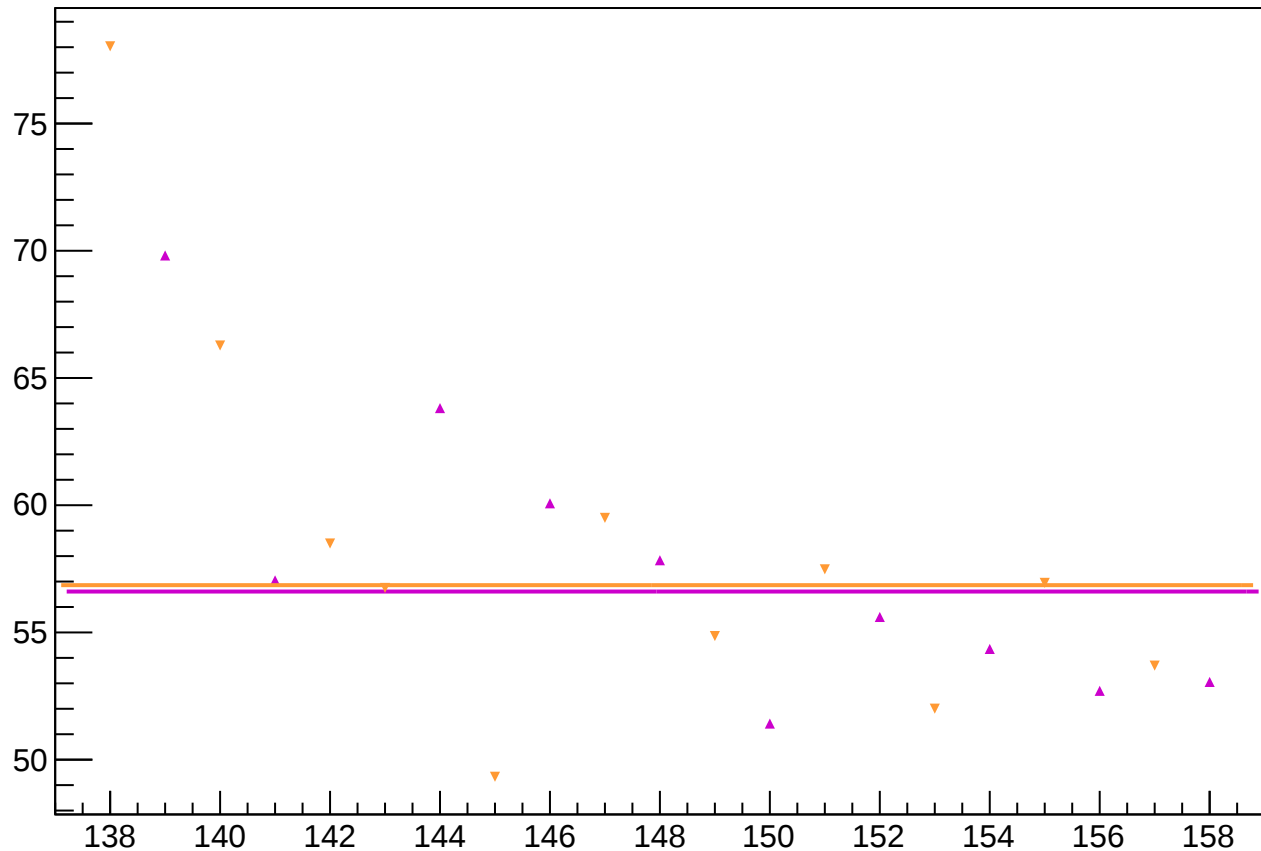
Left In: -50.583 $\pm$ 19.921 χ^2 /NDF: 12.1/9

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

All: 3.520 $\pm$ 14.181 χ^2 /NDF: 34.2/20

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

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 56.858+/-0.014 χ^2/NDF :196466.2/10

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

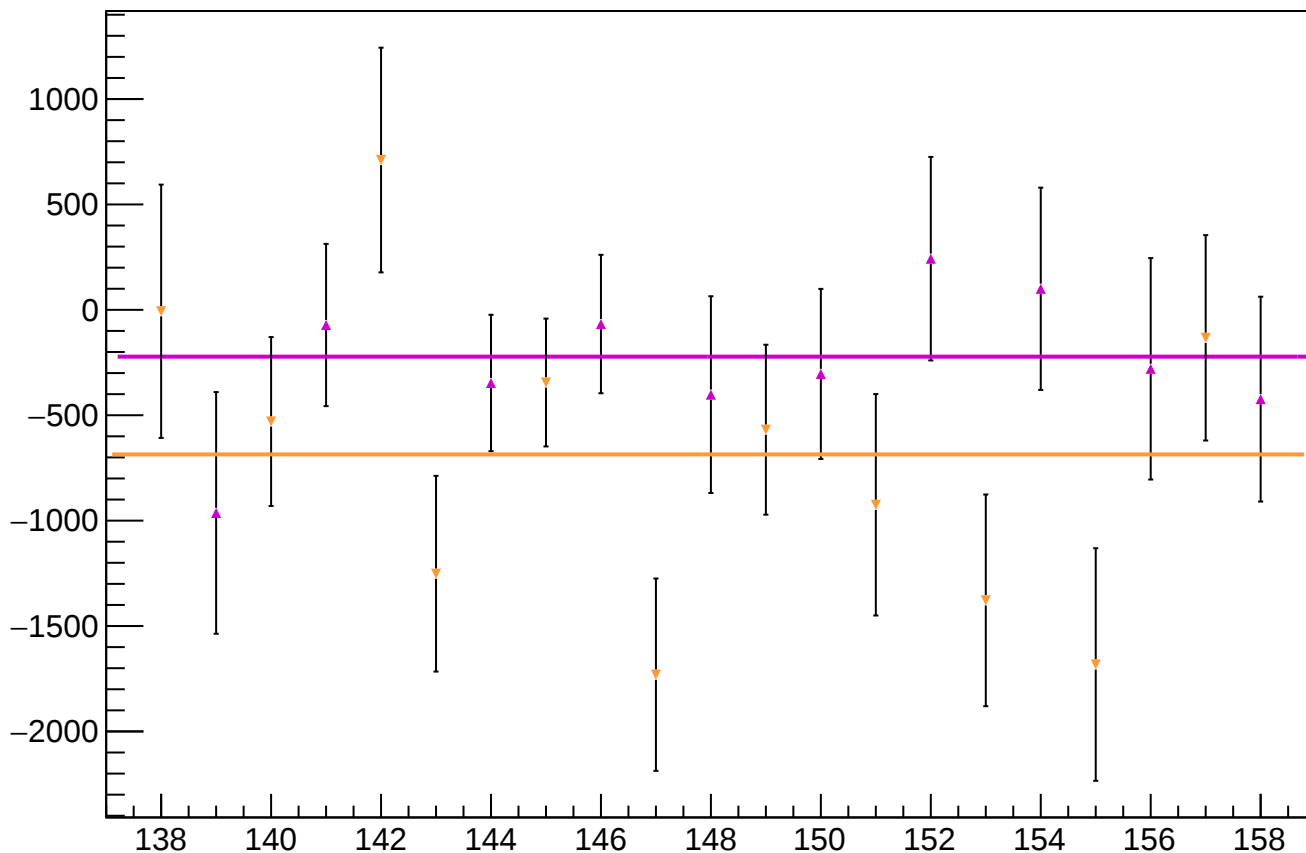
Left In: 56.607+/-0.014 χ^2/NDF :120236.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.731+/-0.010 χ^2/NDF : 316859.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_mean vs Slug



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

Left Out: -685.865+/-135.971 χ^2/NDF : 23.0/10

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

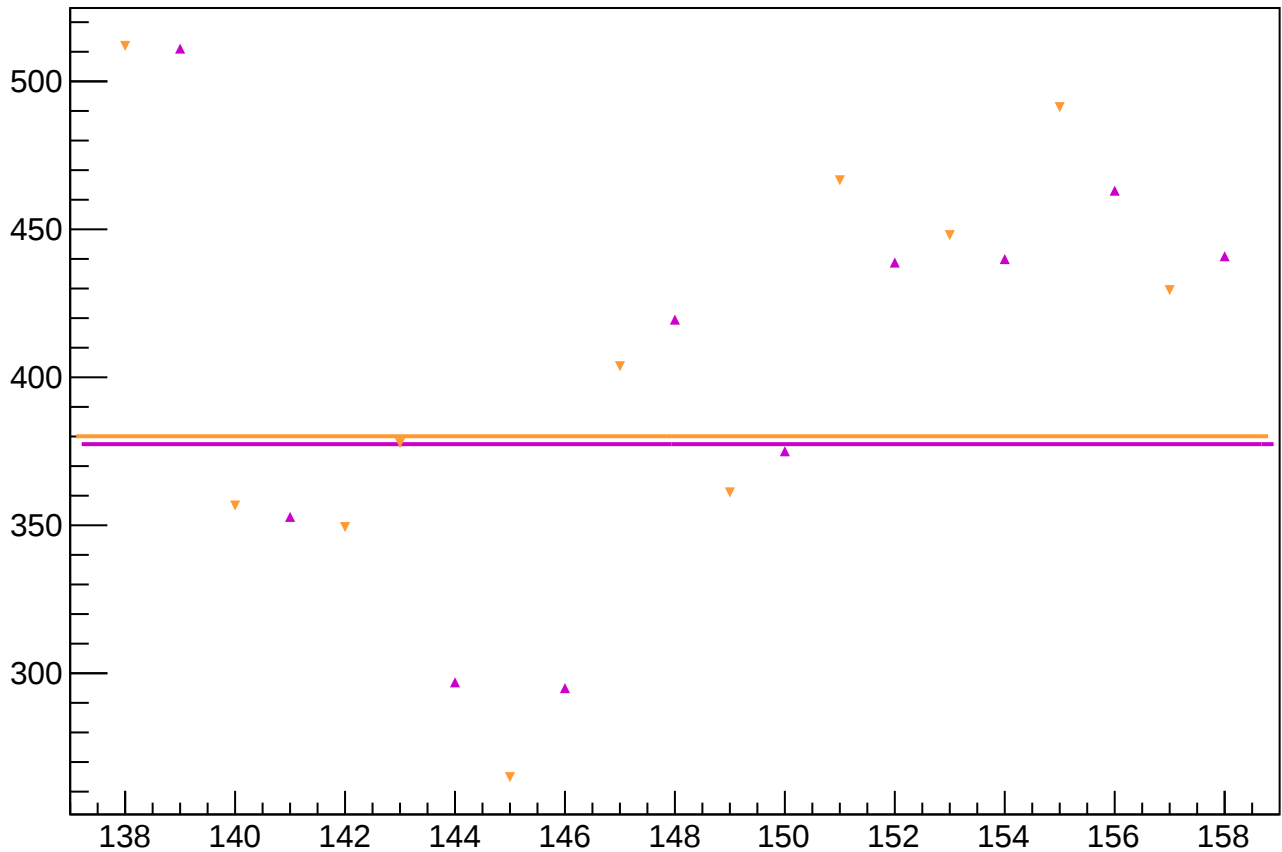
Left In: -222.087+/-133.807 χ^2/NDF : 3.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -450.256+/-95.371 χ^2/NDF : 32.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_rms vs Slug



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

Left Out: 380.084+/-0.096 χ^2/NDF : 601084.1/10

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

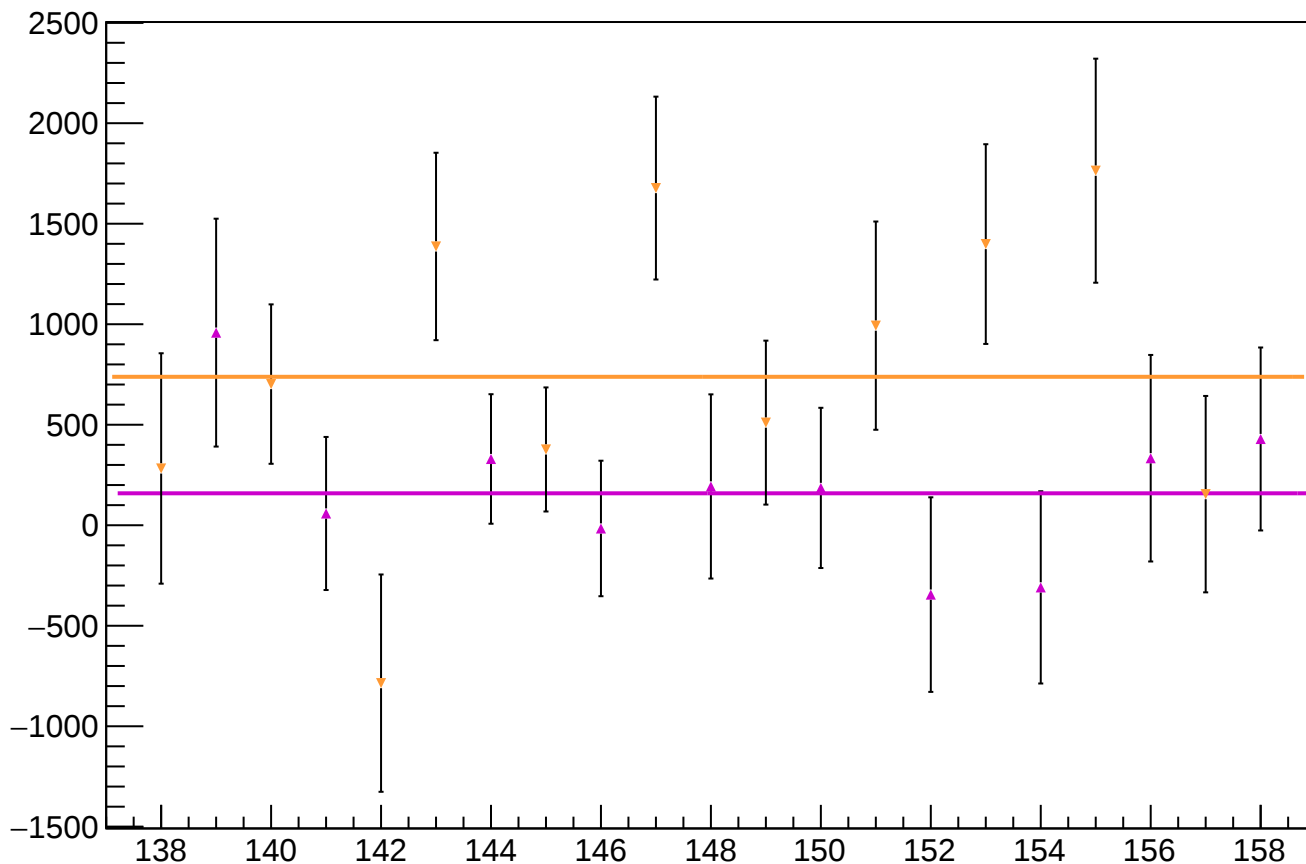
Left In: 377.415+/-0.095 χ^2/NDF : 536638.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.728+/-0.067 χ^2/NDF : 1138113.8/20

- 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: 738.461+/-136.126 χ^2/NDF : 23.3/10

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

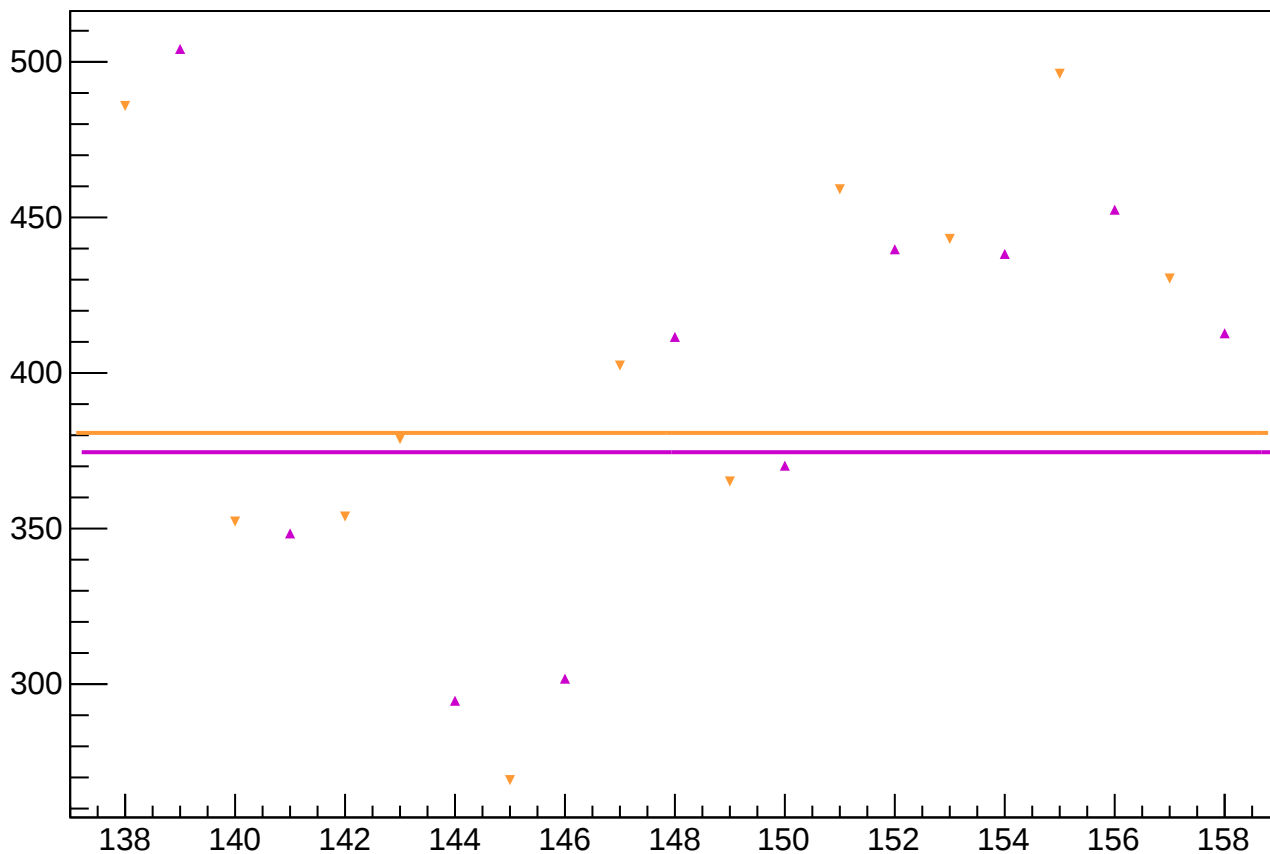
Left In: 158.921+/-132.718 χ^2/NDF : 5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.346+/-95.028 χ^2/NDF : 37.7/20

- 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: 380.754+/-0.096 χ^2/NDF : 535261.1/10

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

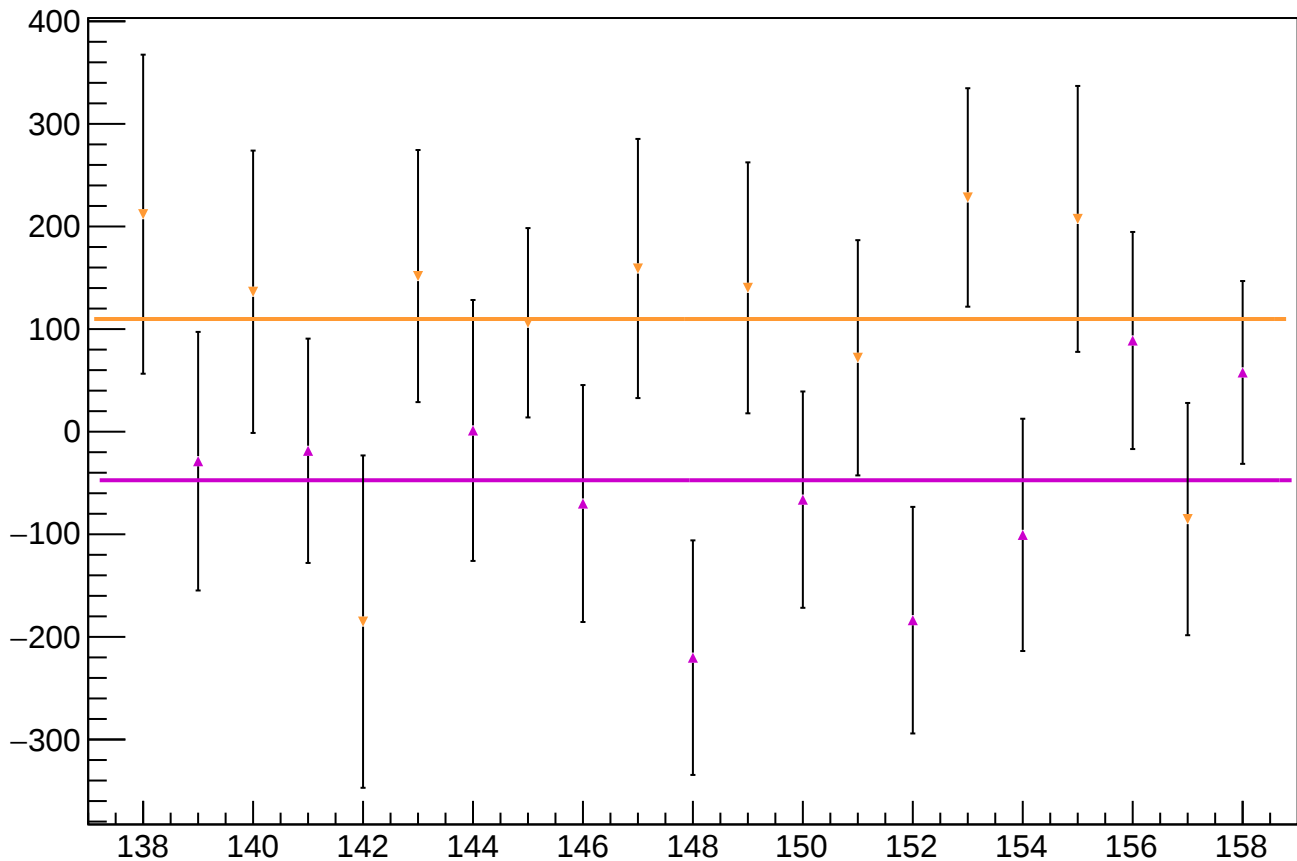
Left In: 374.540+/-0.094 χ^2/NDF : 475582.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.568+/-0.067 χ^2/NDF : 1012980.2/20

- 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: 109.835 $\pm$ 36.577 χ^2 /NDF: 9.0/10

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

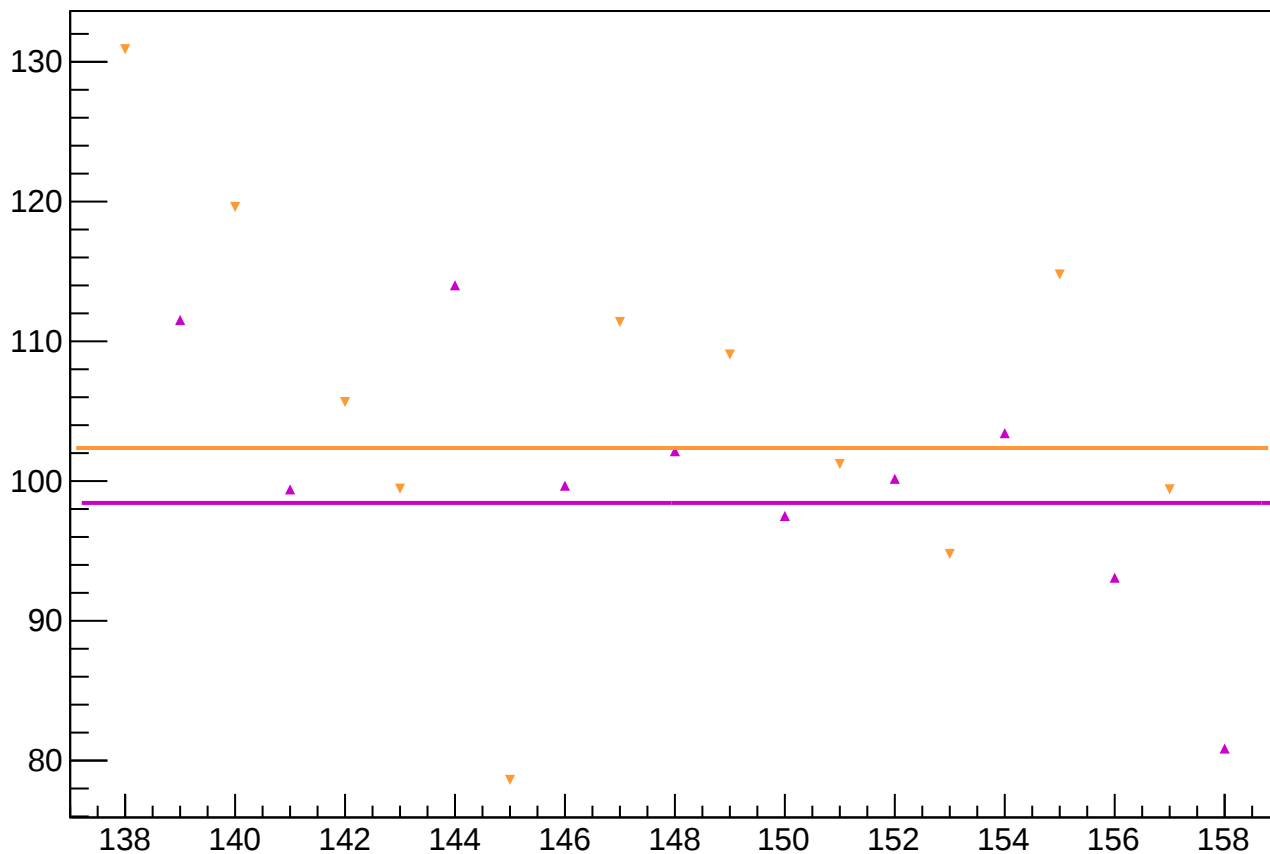
Left In: -47.324 $\pm$ 34.807 χ^2 /NDF: 7.4/9

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

All: 27.362 $\pm$ 25.215 χ^2 /NDF: 26.1/20

- 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: 102.366+/-0.026 χ^2/NDF :279484.8/10

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

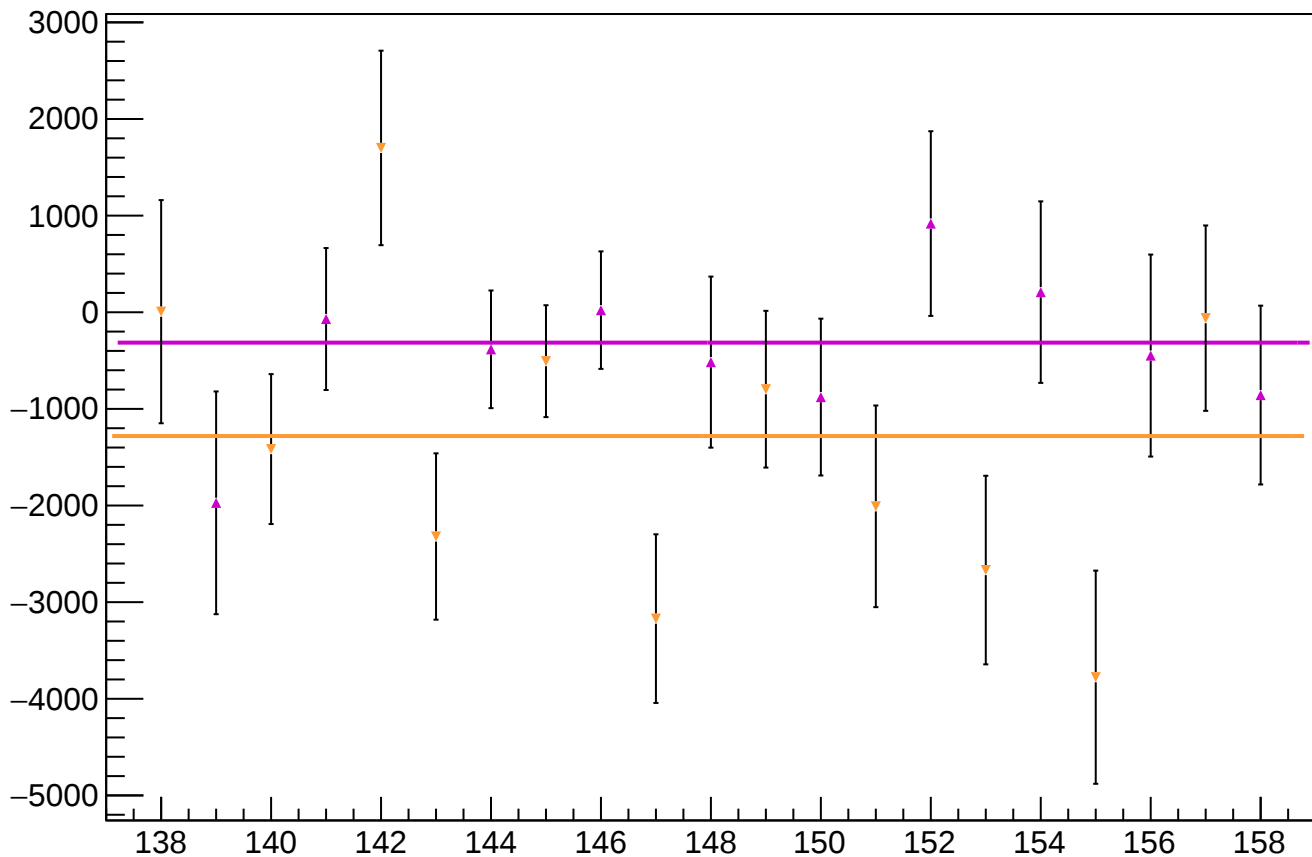
Left In: 98.437+/-0.025 χ^2/NDF :141566.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.304+/-0.018 χ^2/NDF : 433166.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_mean vs Slug



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

Left Out: -1280.961+/-263.127 χ^2/NDF :27.6/10

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

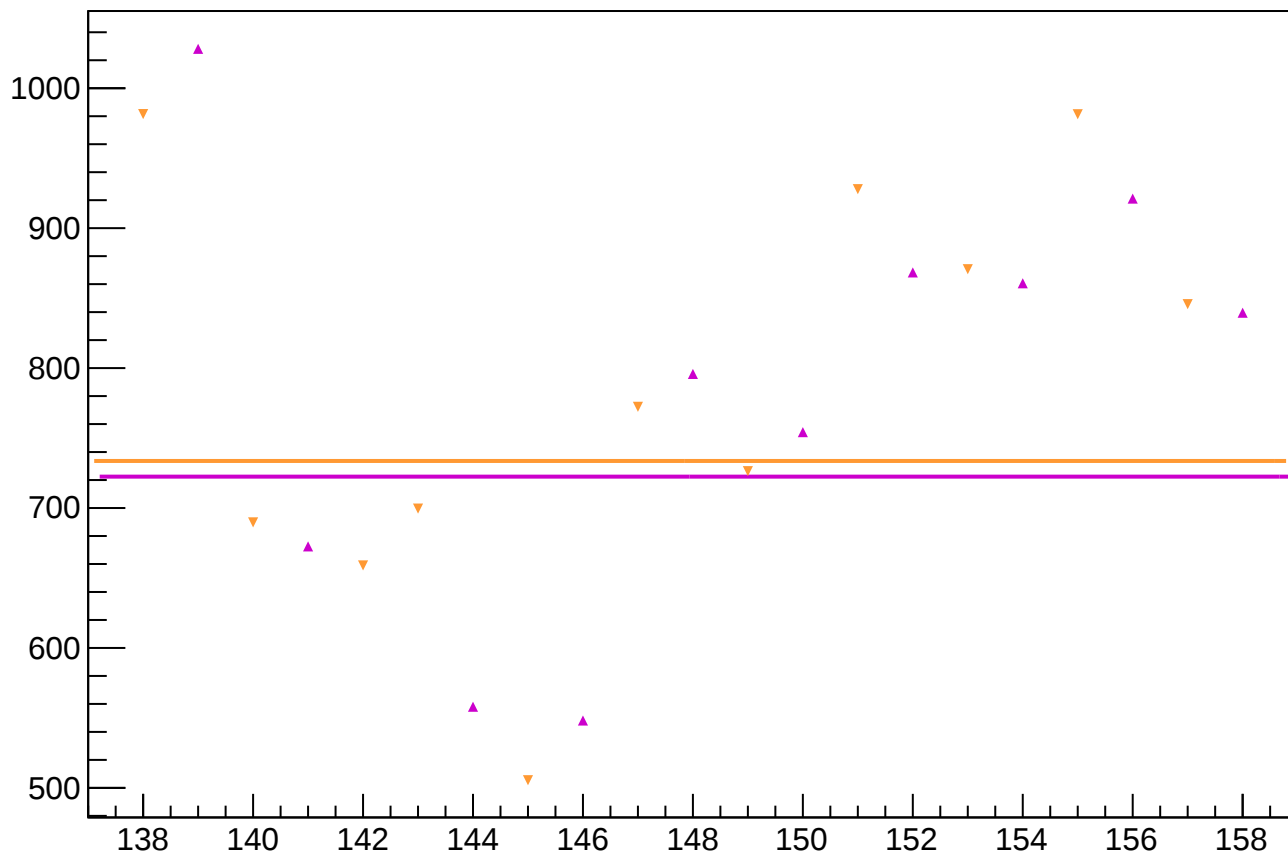
Left In: -314.327+/-257.209 χ^2/NDF :5.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -786.653+/-183.931 χ^2/NDF : 39.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_rms vs Slug



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

Left Out: 733.632+/-0.186 χ^2/NDF : 664397.1/10

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

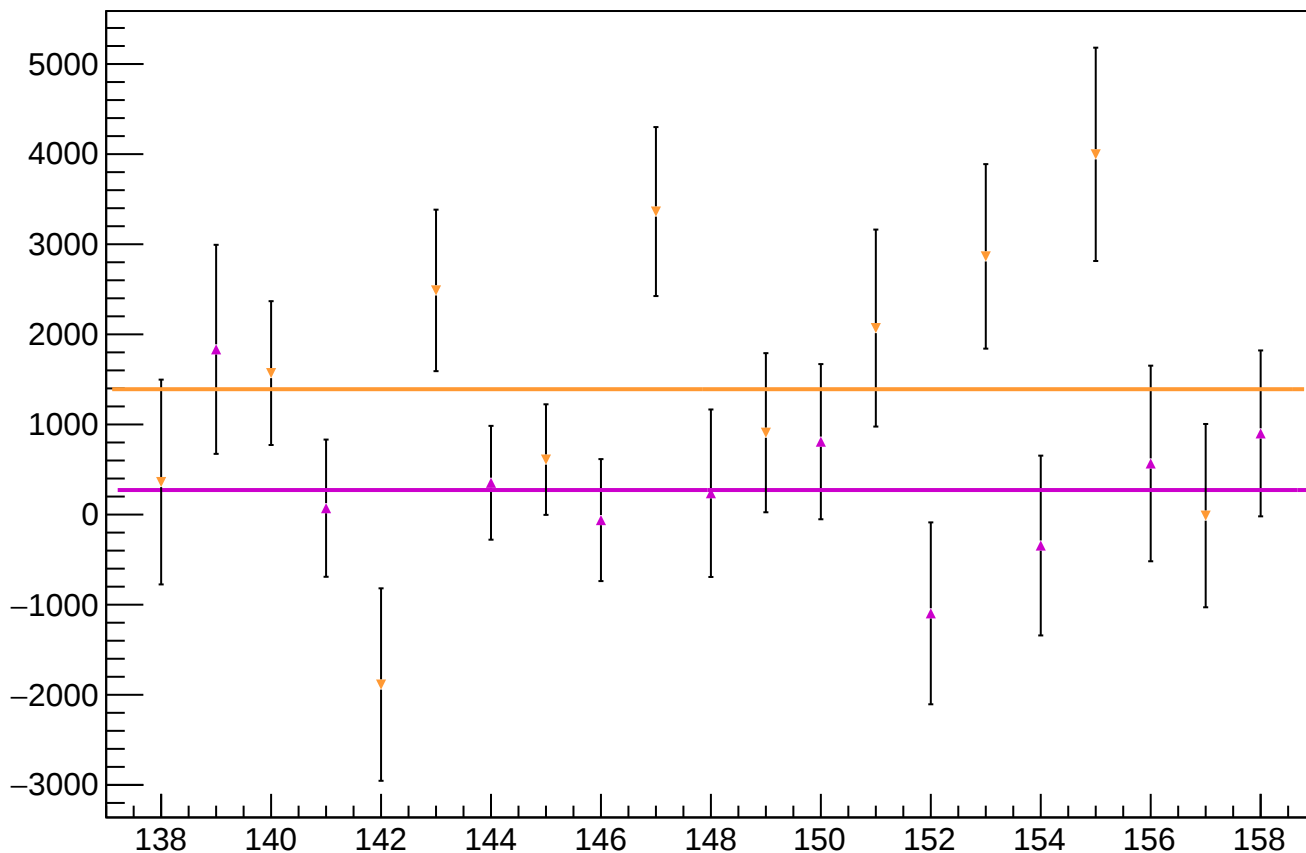
Left In: 722.432+/-0.182 χ^2/NDF : 671222.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 727.904+/-0.130 χ^2/NDF : 1337472.6/20

- 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: 1391.368+/-277.197 χ^2/NDF : 27.3/10

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

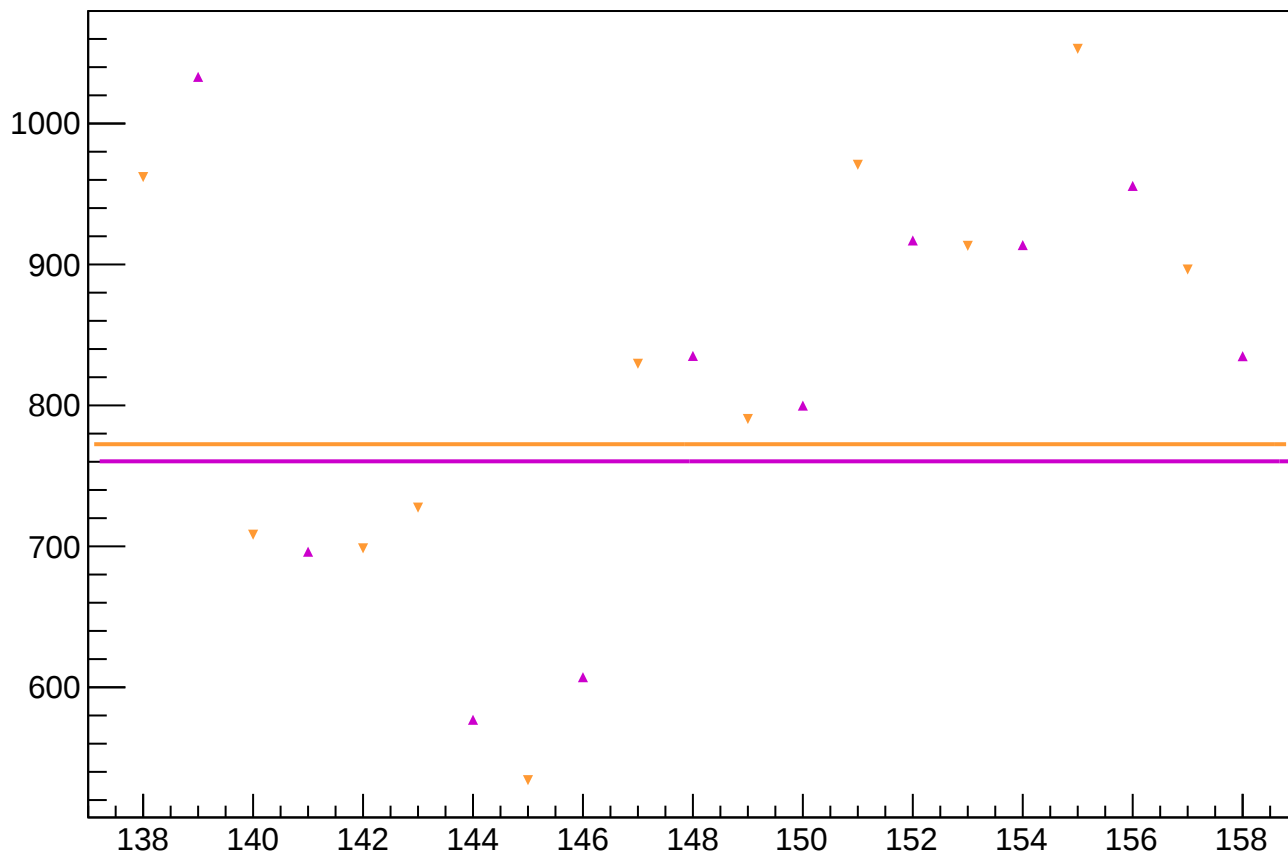
Left In: 272.305+/-270.370 χ^2/NDF : 5.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 817.887+/-193.549 χ^2/NDF : 41.0/20

- 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: 772.473+/-0.196 χ^2/NDF : 638871.0/10

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

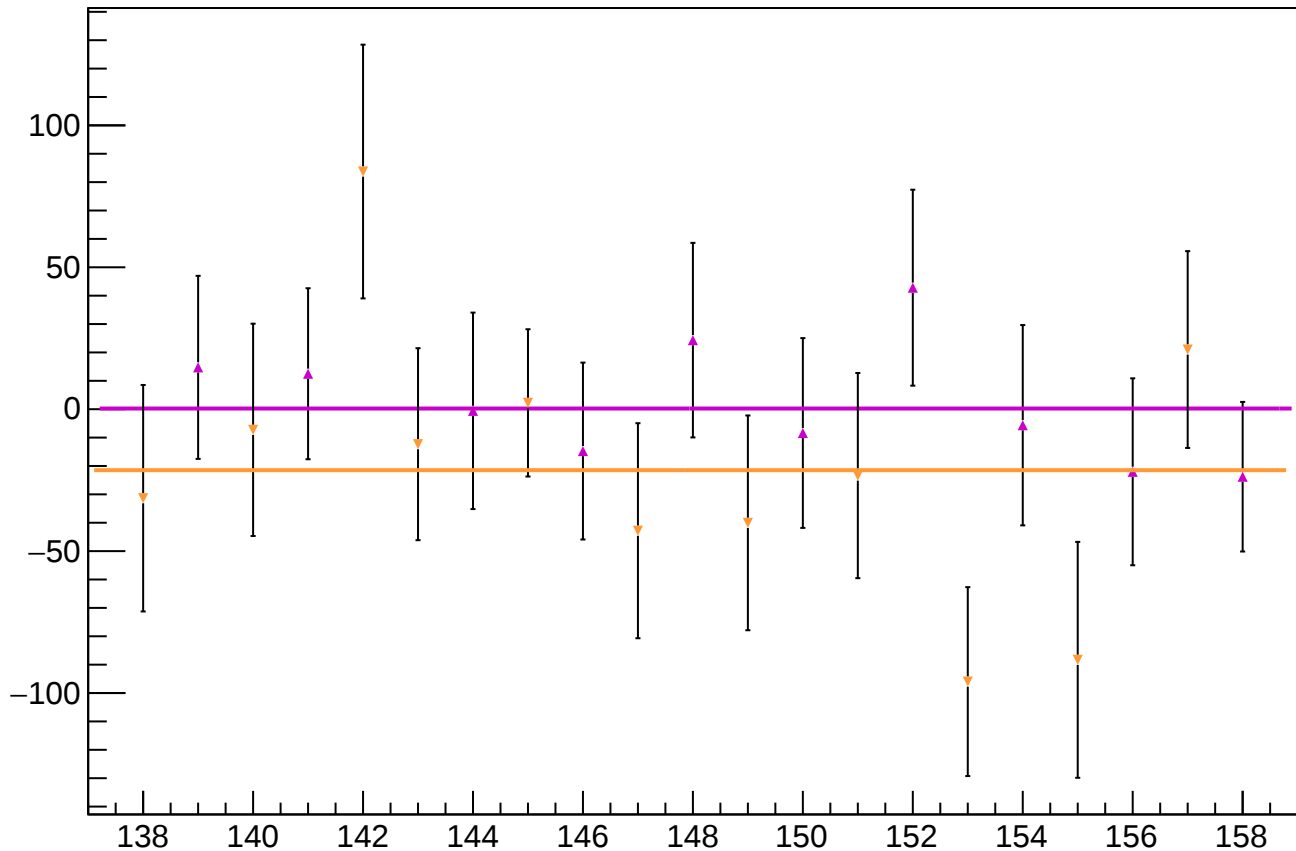
Left In: 760.330+/-0.191 χ^2/NDF : 586416.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 766.250+/-0.137 χ^2/NDF : 1227254.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -21.482+/-10.735 χ^2/NDF : 16.3/10

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

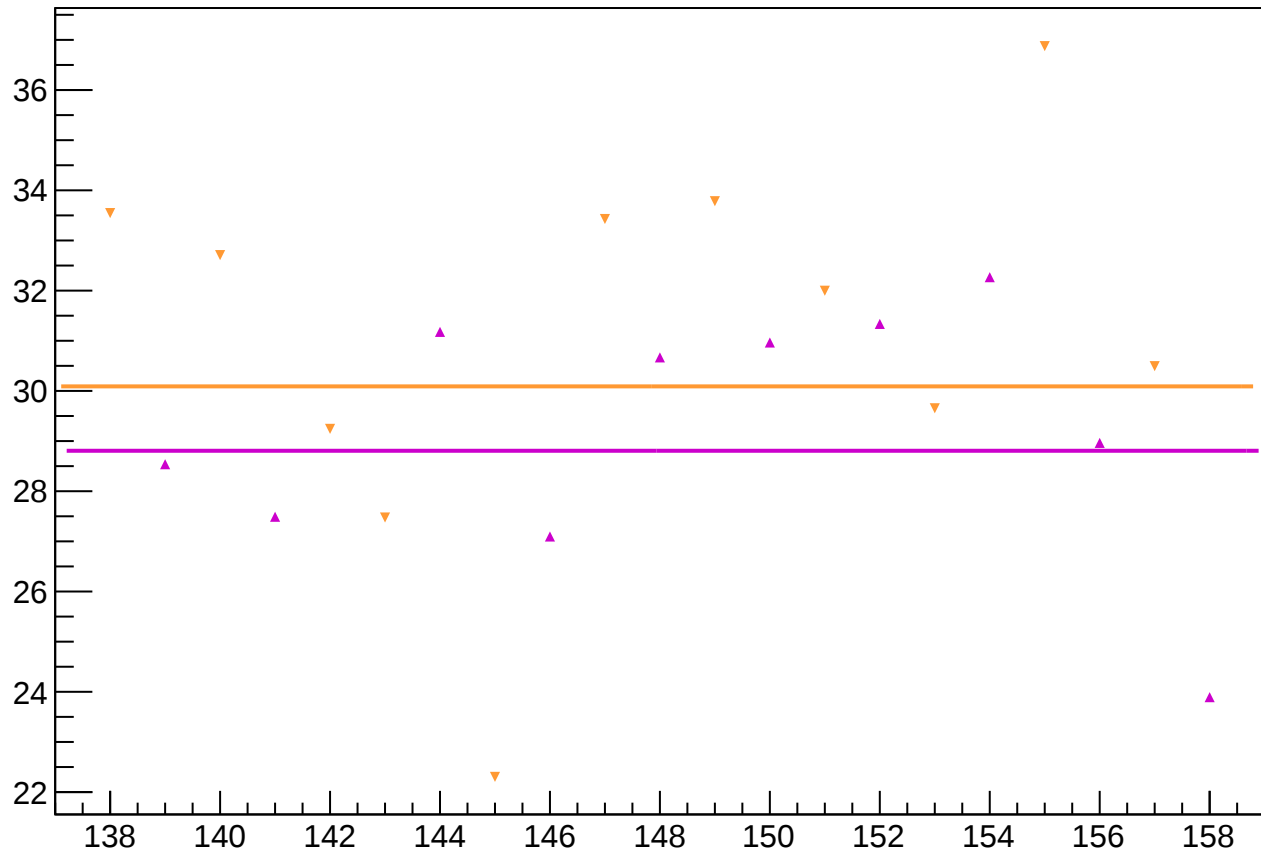
Left In: 0.240+/-10.164 χ^2/NDF : 4.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.029+/-7.381 χ^2/NDF : 22.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 30.090+/-0.008 χ^2/NDF : 311710.7/10

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

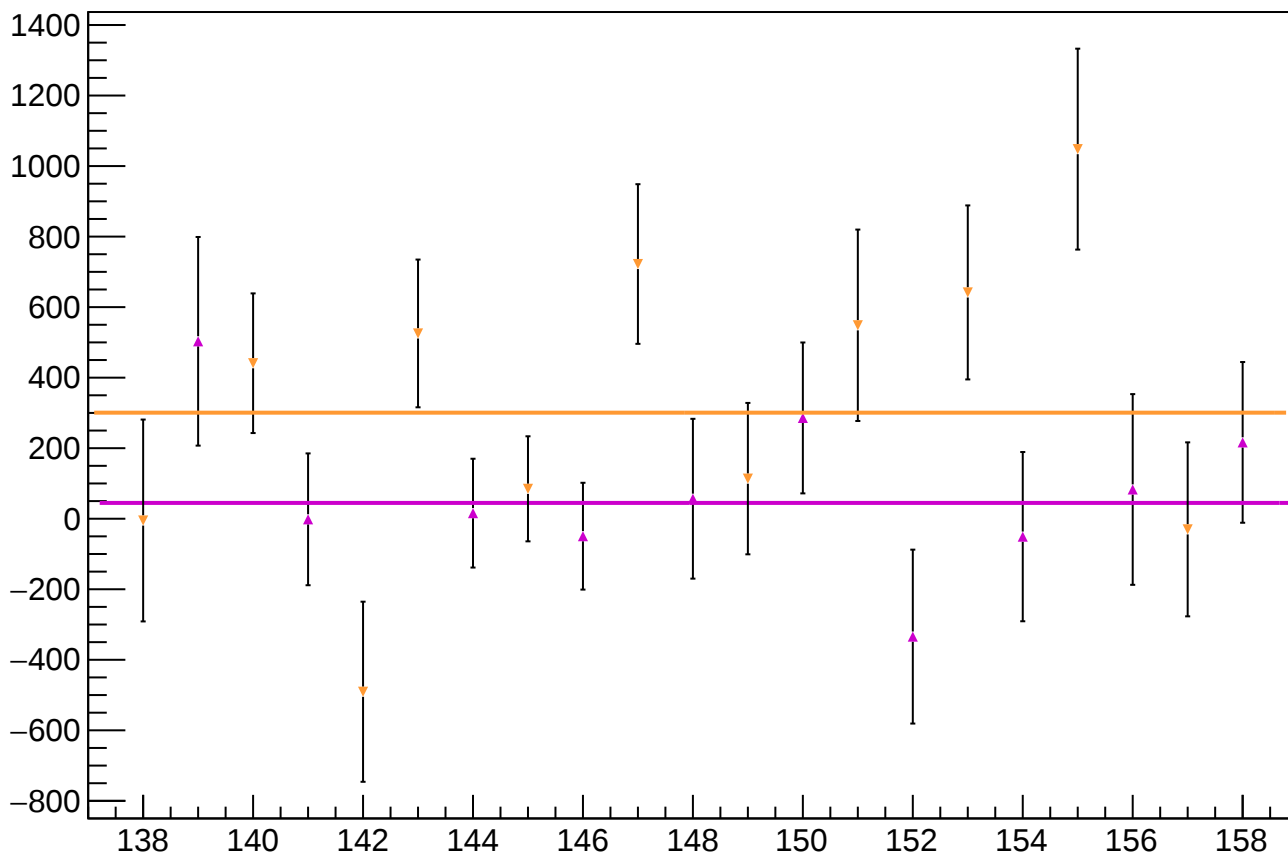
Left In: 28.807+/-0.007 χ^2/NDF : 133157.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.414+/-0.005 χ^2/NDF : 459953.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_mean vs Slug



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

Left Out: 300.750+/-67.284 χ^2/NDF :30.1/10

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

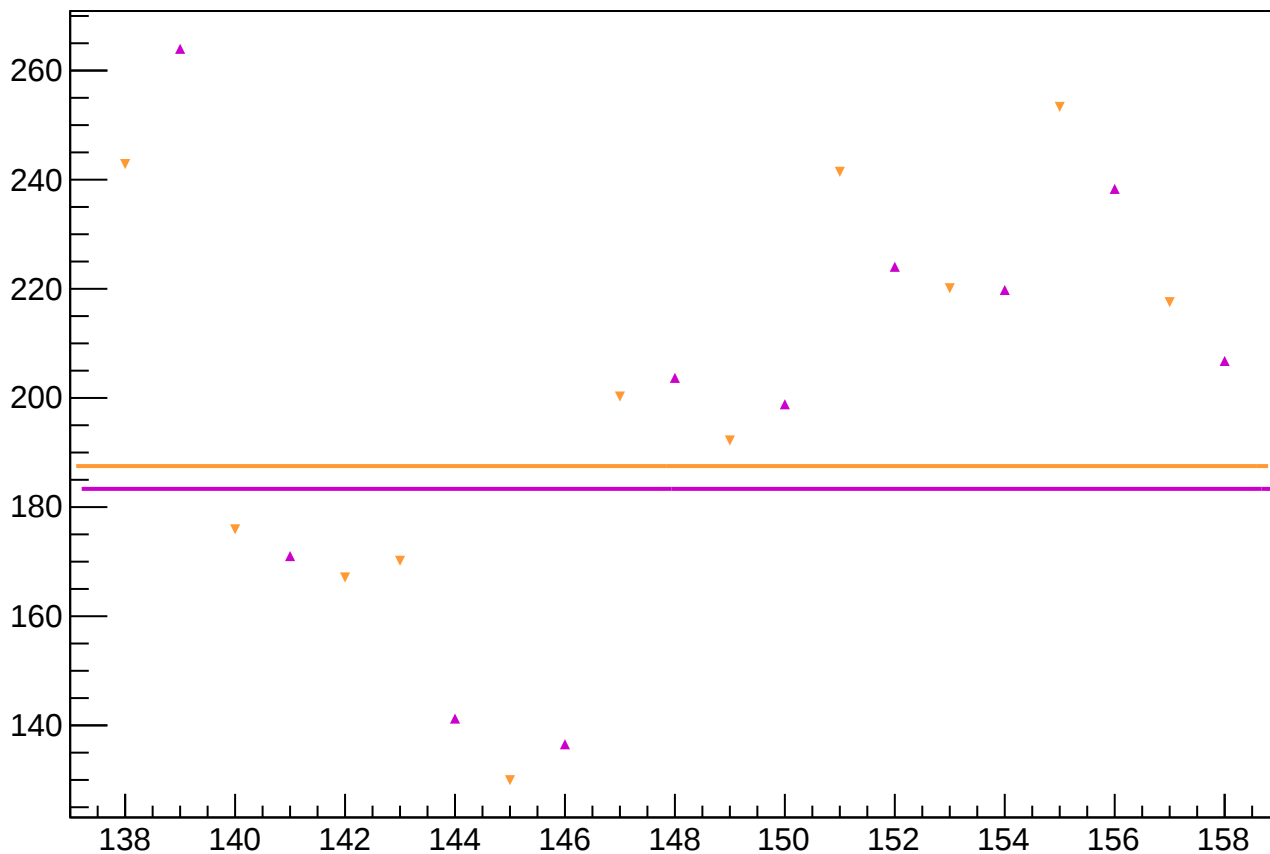
Left In: 44.828+/-65.406 χ^2/NDF :7.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.167+/-46.899 χ^2/NDF : 44.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_rms vs Slug



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

Left Out: 187.515+/-0.048 χ^2/NDF : 664454.2/10

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

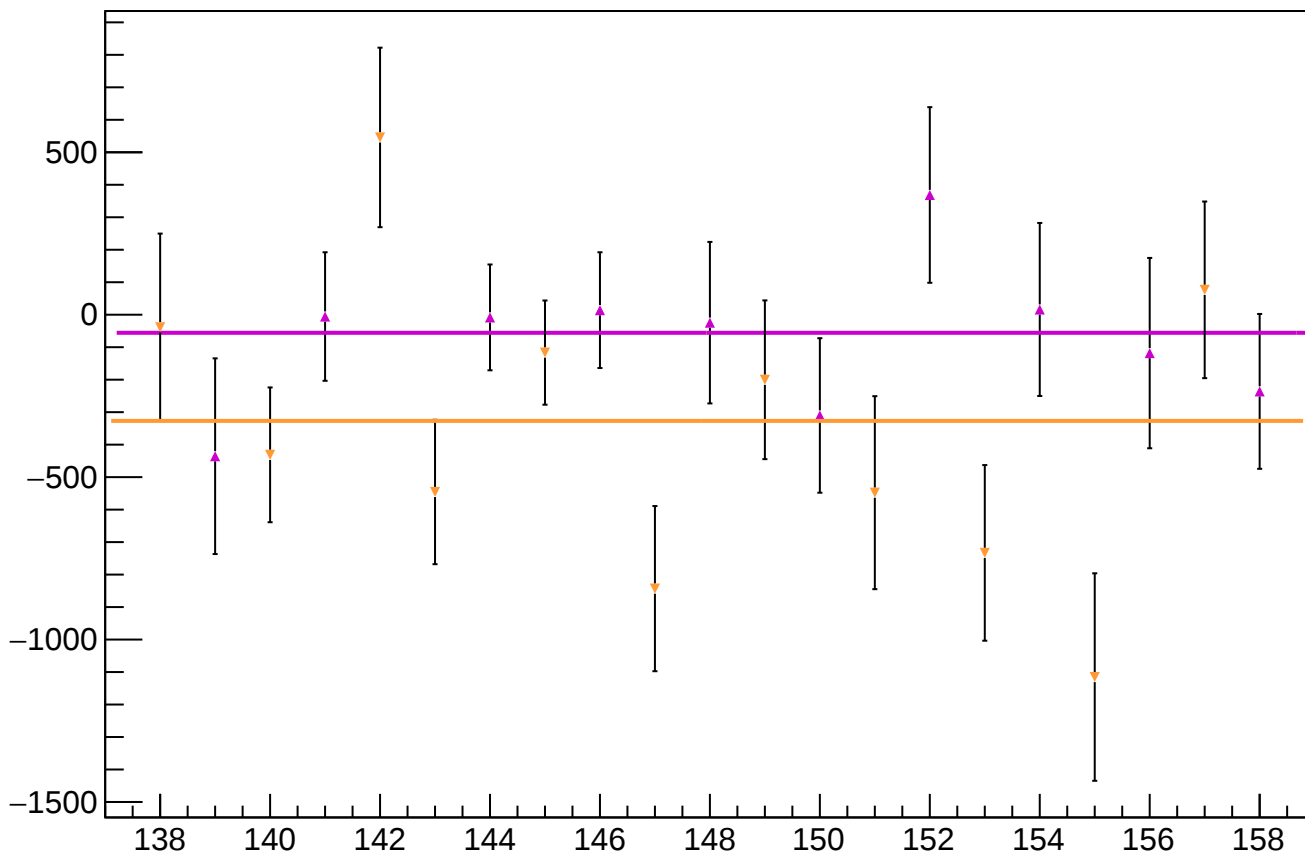
Left In: 183.340+/-0.046 χ^2/NDF : 728338.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.368+/-0.033 χ^2/NDF : 1396751.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -326.841+/-72.922 χ^2/NDF : 29.4/10

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

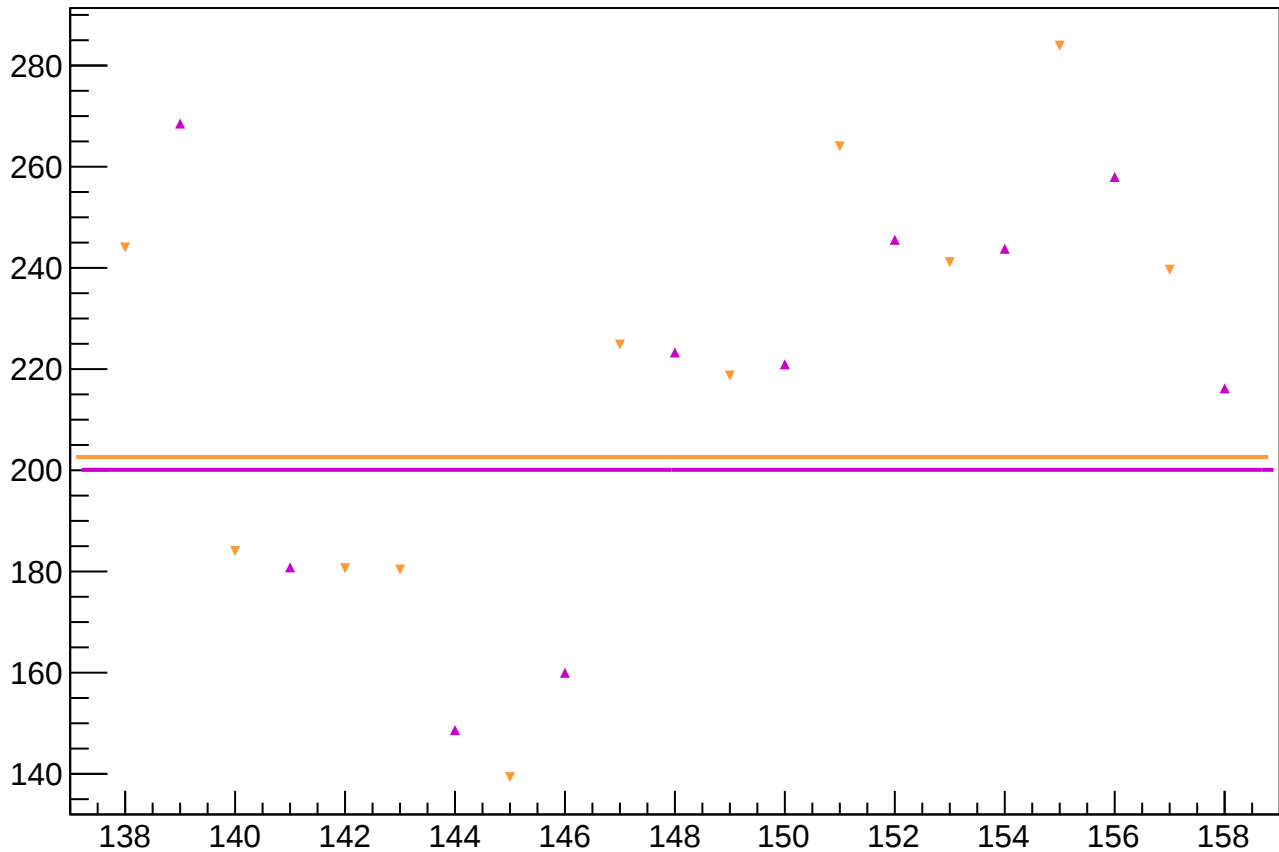
Left In: -55.675+/-71.307 χ^2/NDF : 6.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -188.223+/-50.983 χ^2/NDF : 42.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 202.624+/-0.052 χ^2/NDF : 717963.6/10

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

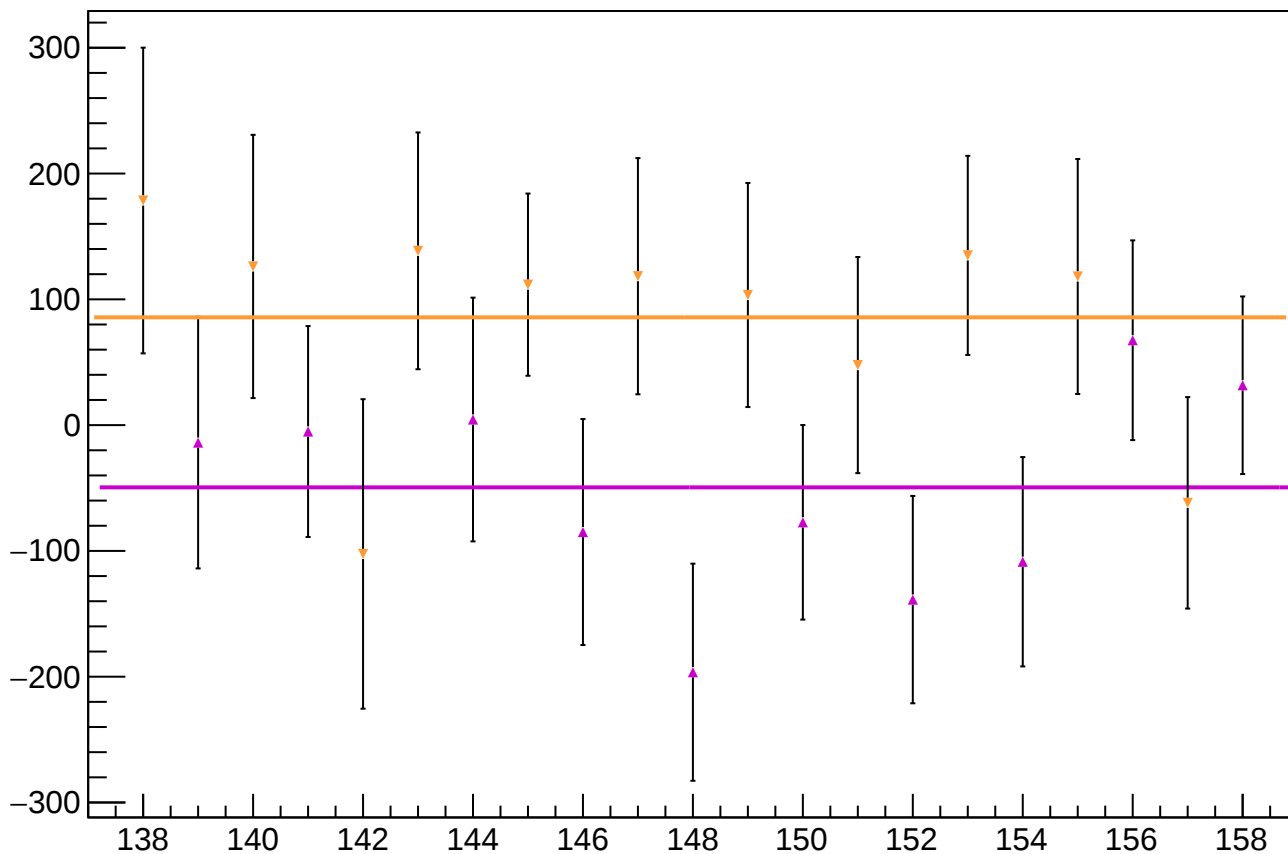
Left In: 200.093+/-0.050 χ^2/NDF : 653394.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.330+/-0.036 χ^2/NDF : 1372589.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 85.690+/-27.530 χ^2/NDF : 7.5/10

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

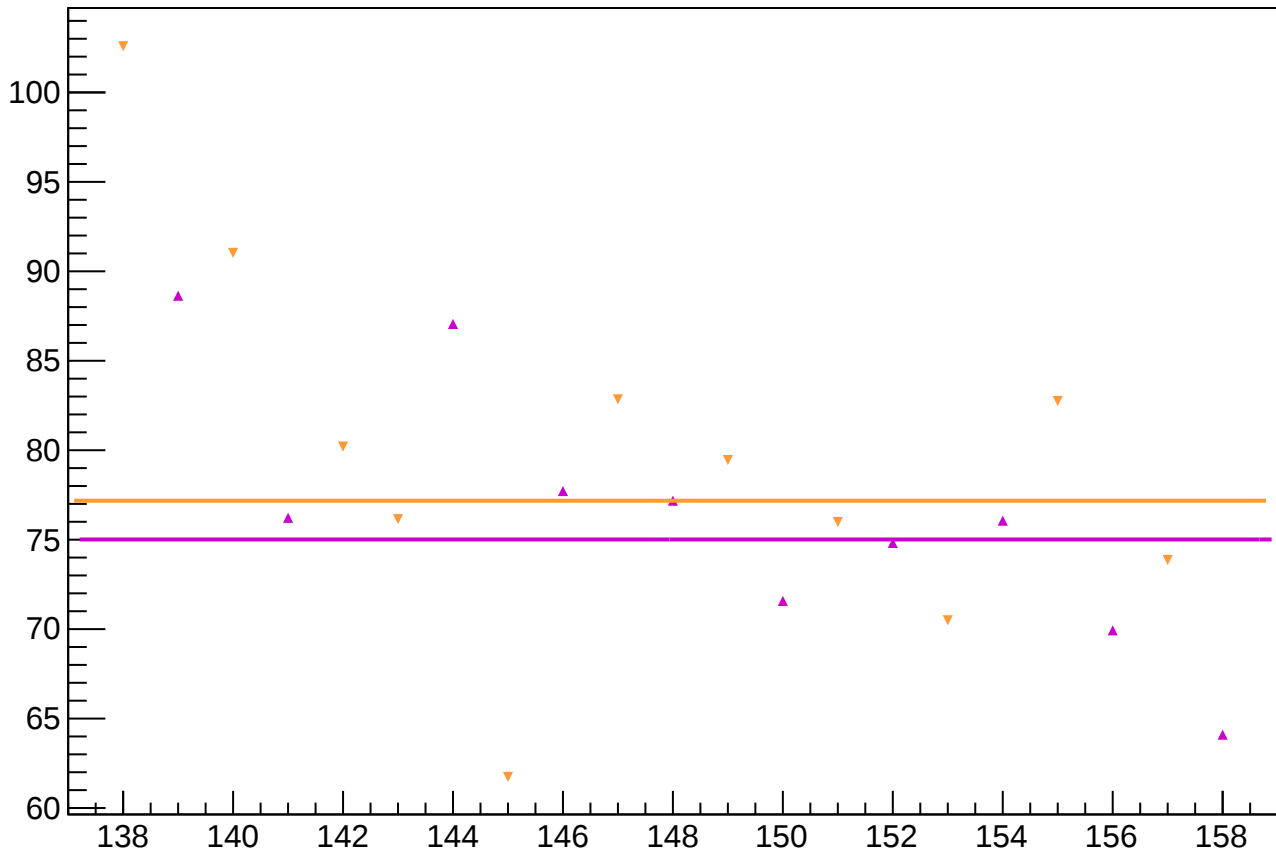
Left In: -49.484+/-26.490 χ^2/NDF : 9.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.501+/-19.088 χ^2/NDF : 29.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 77.176+/-0.019 χ^2/NDF :248262.8/10

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

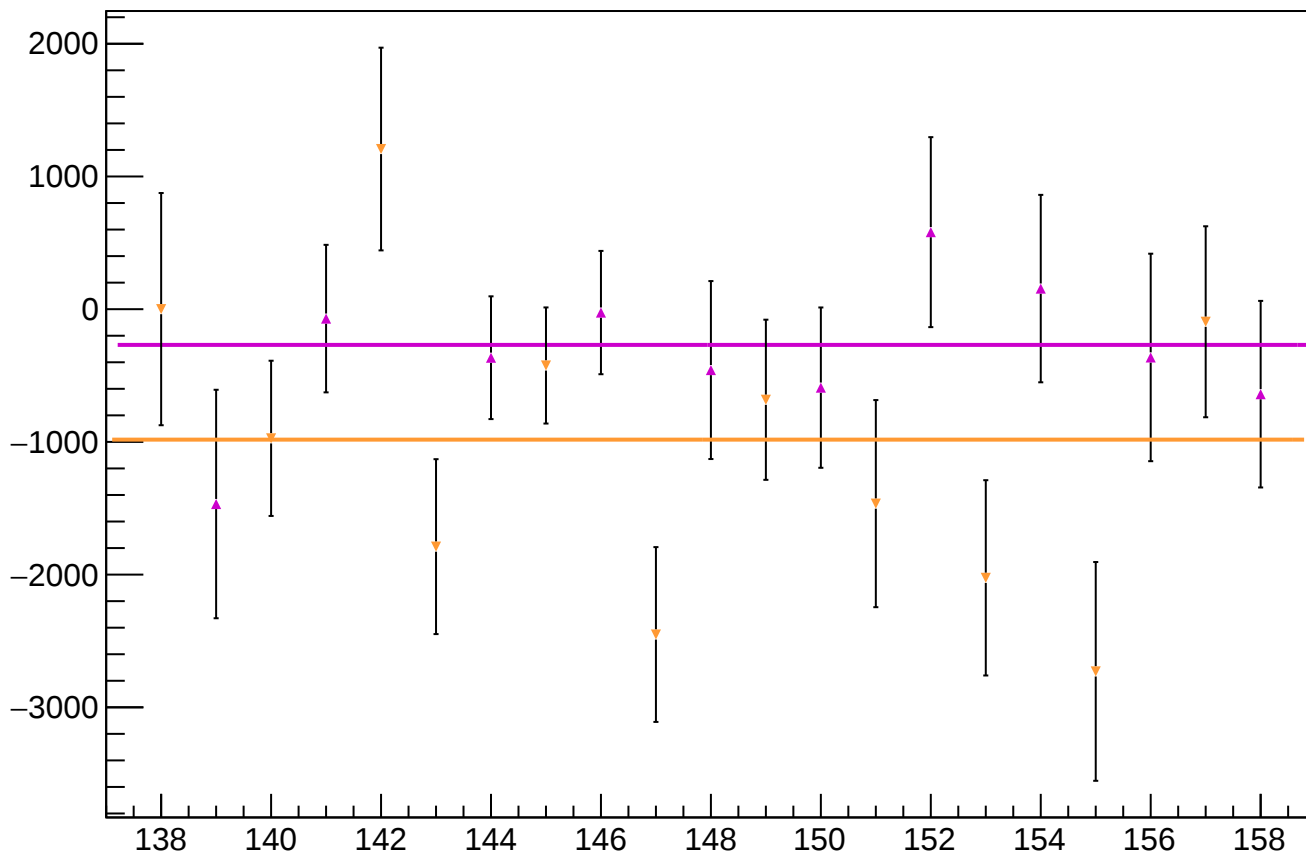
Left In: 75.011+/-0.019 χ^2/NDF :131759.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.052+/-0.013 χ^2/NDF : 386448.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -982.930+/-198.349 χ^2/NDF : 26.2/10

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

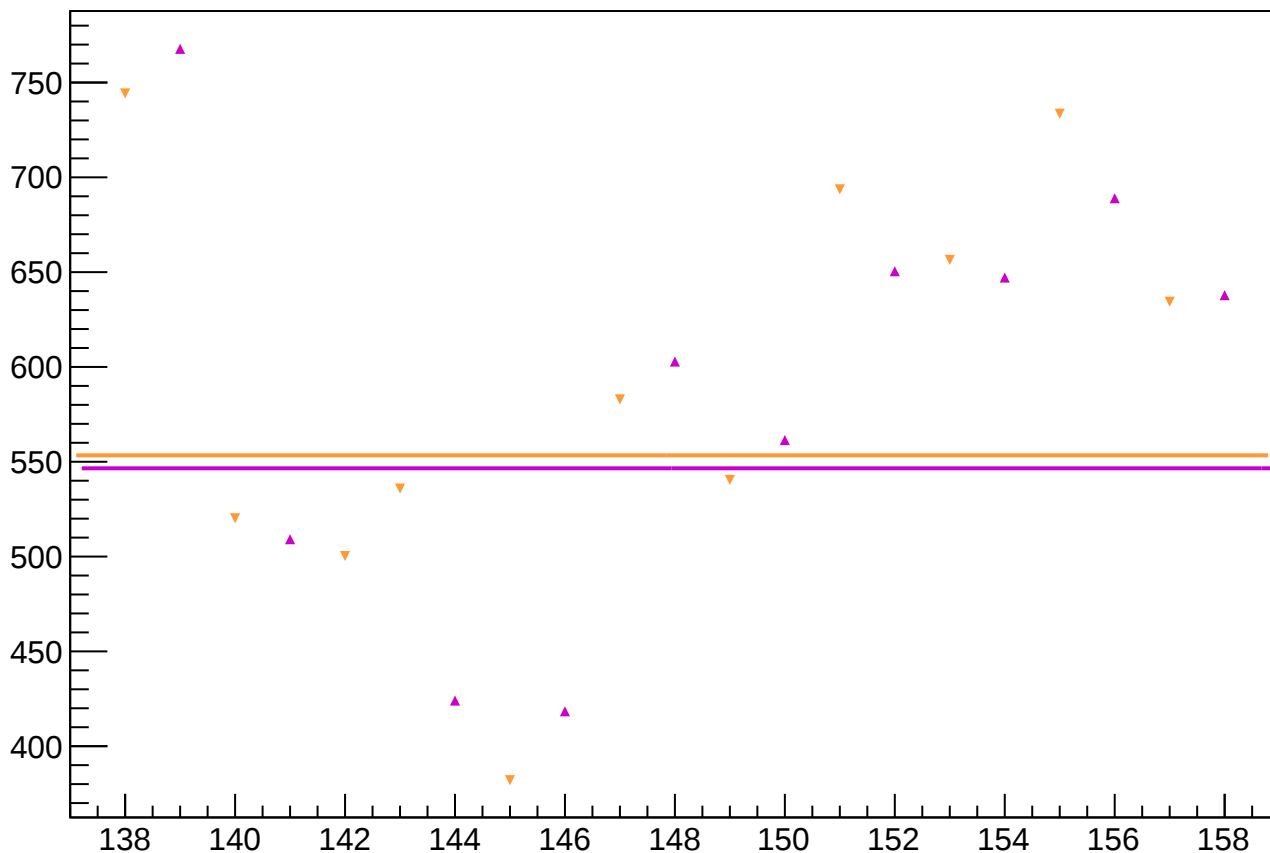
Left In: -269.079+/-194.341 χ^2/NDF : 4.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -618.718+/-138.815 χ^2/NDF : 37.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_rms vs Slug



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

Left Out: 553.400+/-0.140 χ^2/NDF : 649277.1/10

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

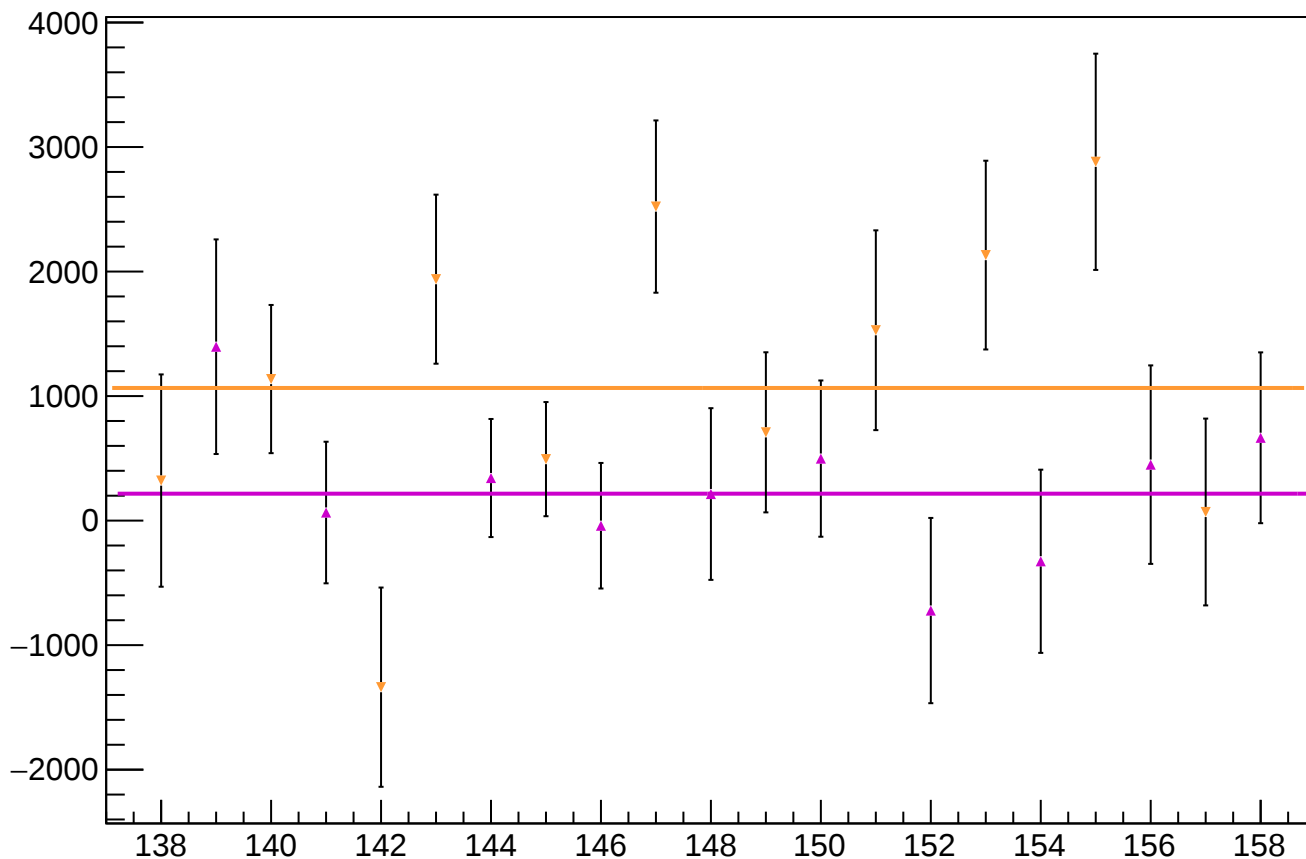
Left In: 546.541+/-0.137 χ^2/NDF : 631782.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.900+/-0.098 χ^2/NDF : 1282279.6/20

- 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: 1065.155+/-205.848 χ^2/NDF : 26.2/10

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

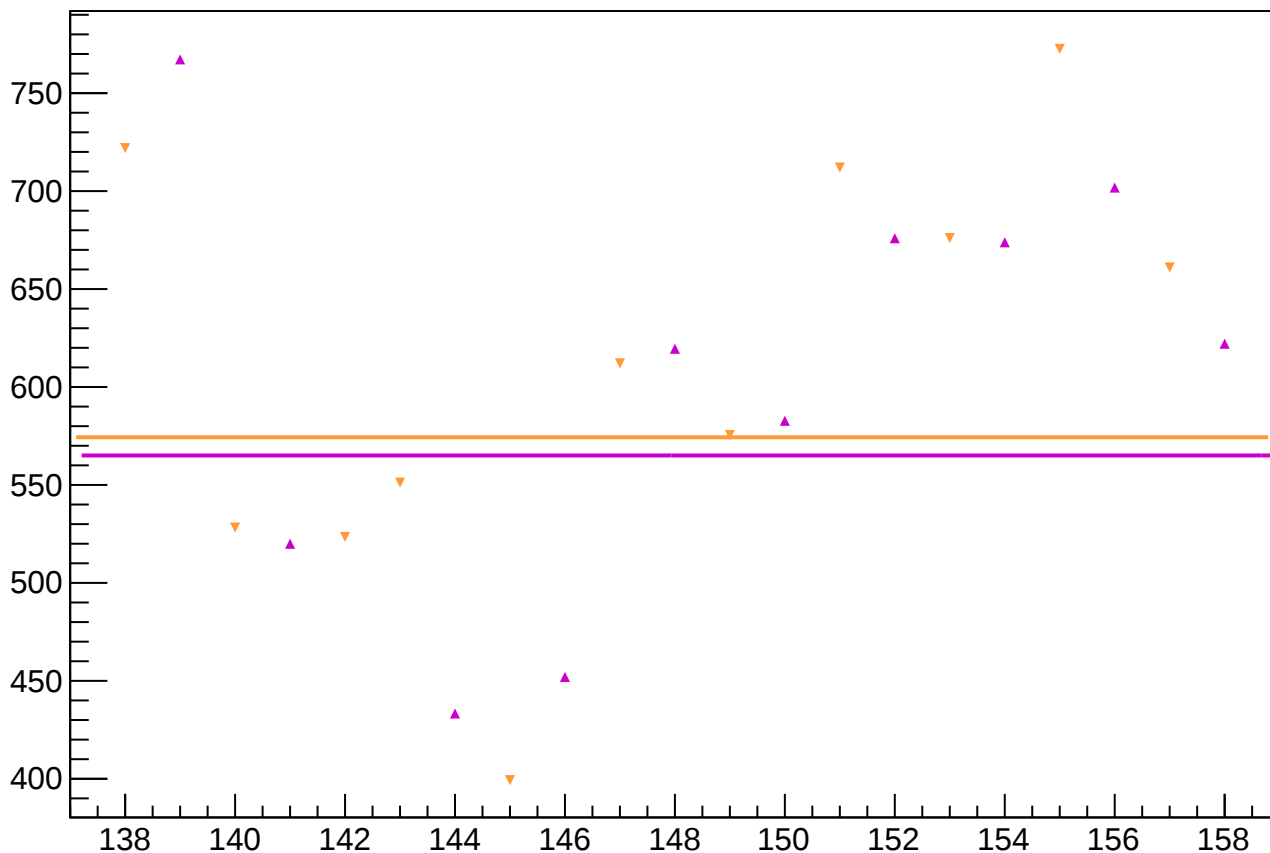
Left In: 216.217+/-200.712 χ^2/NDF : 5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.964+/-143.706 χ^2/NDF : 40.0/20

- 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: 574.333+/-0.146 χ^2/NDF : 605845.3/10

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

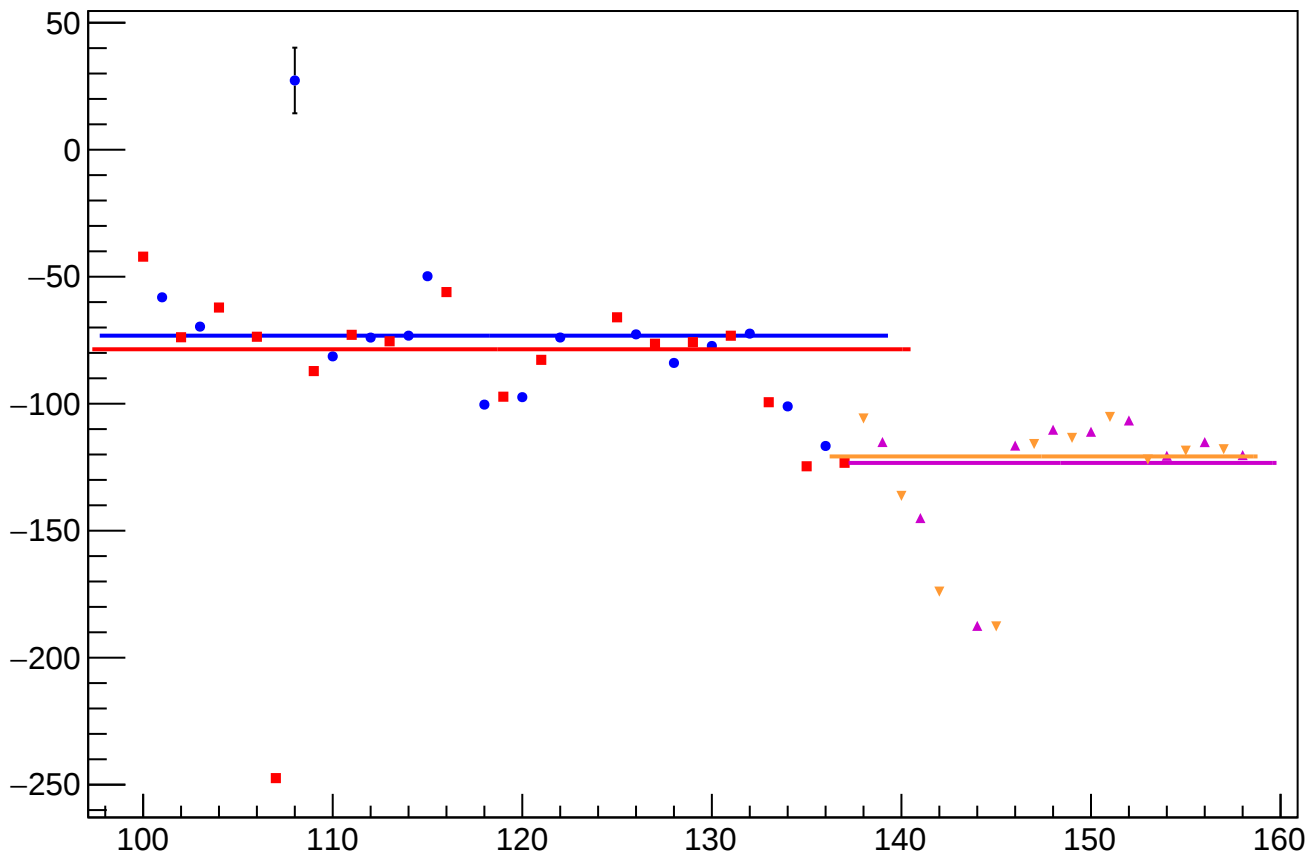
Left In: 565.054+/-0.142 χ^2/NDF : 552572.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.576+/-0.102 χ^2/NDF : 1160501.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -73.209 $\pm$ 0.000 χ^2 /NDF: 127655.5/15

Left Out: -120.760 $\pm$ 0.087 χ^2 /NDF: 20612.5/9

Right Out: -78.570 $\pm$ 0.093 χ^2 /NDF: 52084.9/17

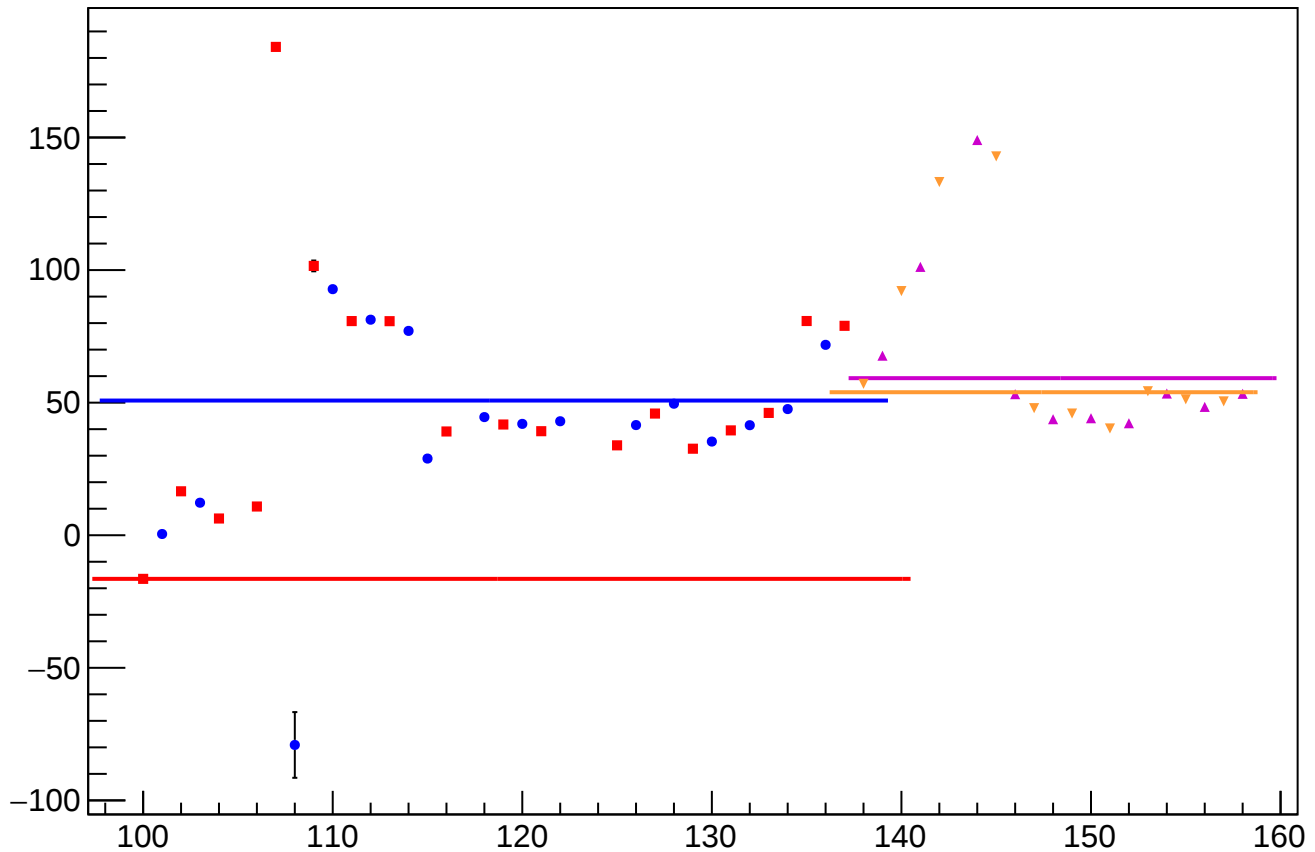
Left In: -123.313 $\pm$ 0.085 χ^2 /NDF: 41703.5/9

+ sign -73.209 $\pm$ 0.000 χ^2 /NDF: 447126.4/25

All: -73.209 $\pm$ 0.000 χ^2 /NDF: 891194.0/53

- sign -102.916 $\pm$ 0.063 χ^2 /NDF: 219919.9/27

dit_usl_4eX_slope vs Slug



Right In: 50.796+/-0.074 χ^2/NDF : 89943.6/15

Left Out: 53.936+/-0.071 χ^2/NDF : 41070.4/9

Right Out: -16.452+/-0.000 χ^2/NDF : 455268.5/17

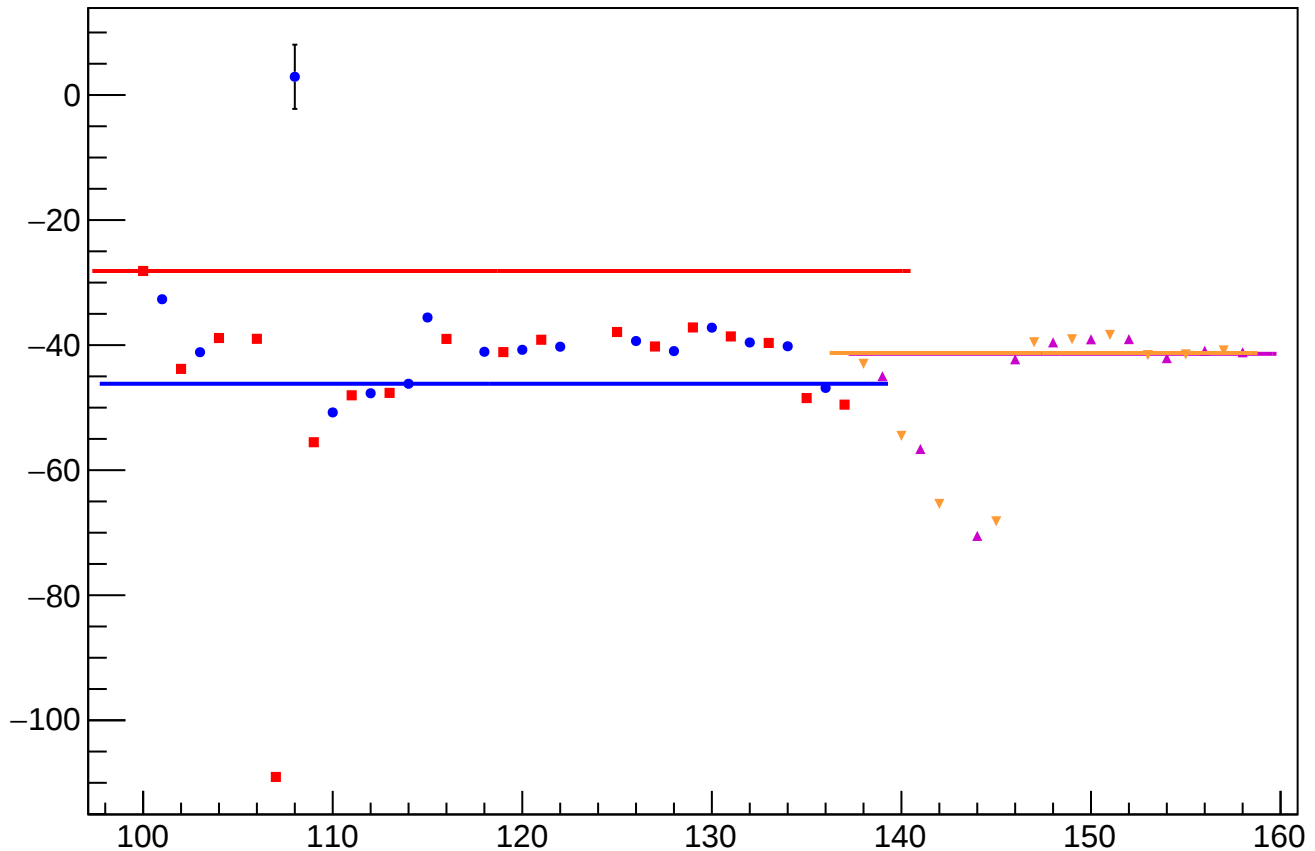
Left In: 59.238+/-0.074 χ^2/NDF : 104792.3/9

+ sign 52.436+/-0.051 χ^2/NDF : 131948.7/25

All: -16.452+/-0.000 χ^2/NDF : 3546101.4/53

- sign -16.452+/-0.000 χ^2/NDF : 1610859.9/27

dit_usl_11X12X_slope vs Slug



Right In: -46.180 ± 0.000 $\chi^2/\text{NDF}: 472878.7/15$

Left Out: -41.259 ± 0.009 $\chi^2/\text{NDF}: 73130.1/9$

Right Out: -28.144 ± 0.000 $\chi^2/\text{NDF}: 717935.6/17$

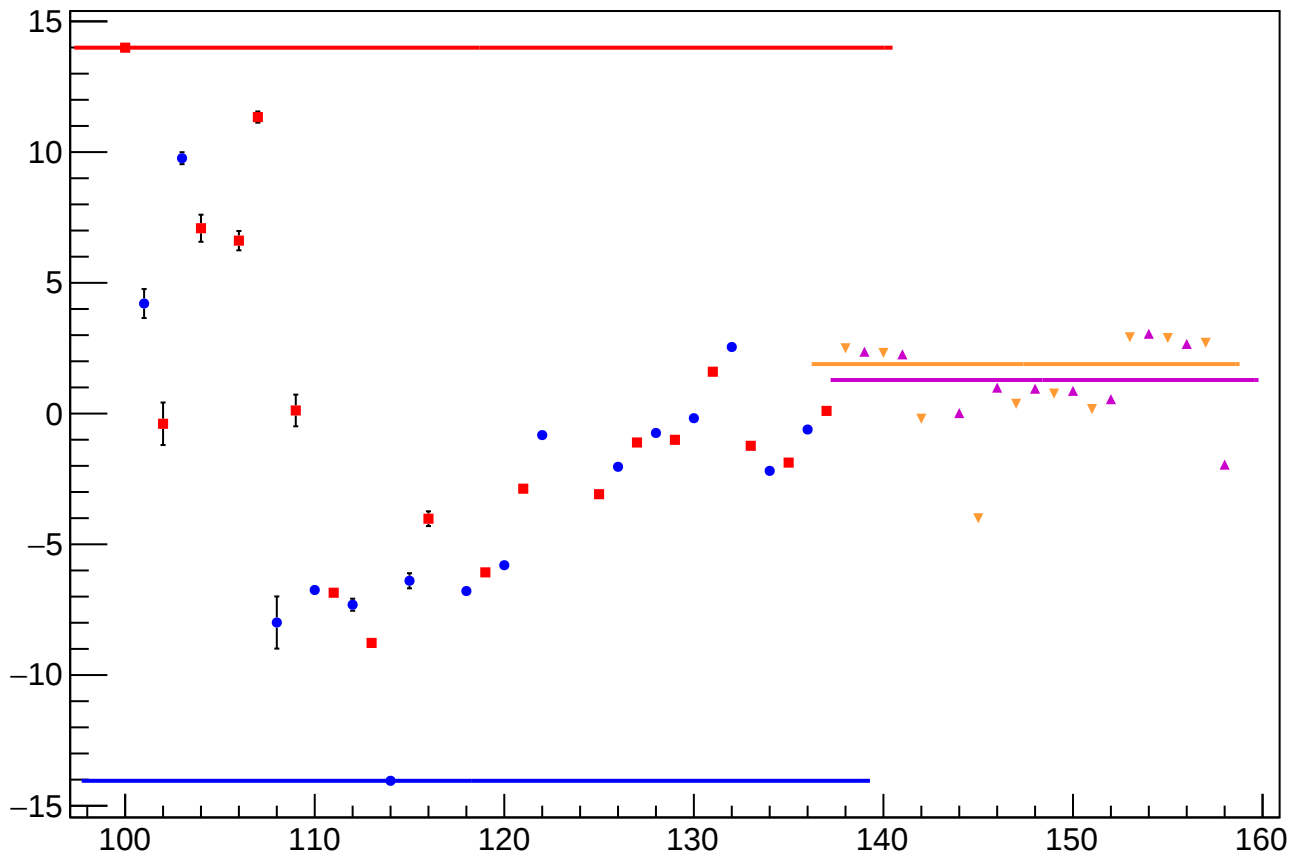
Left In: -41.390 ± 0.011 $\chi^2/\text{NDF}: 142428.4/9$

+ sign -46.180 ± 0.000 $\chi^2/\text{NDF}: 829272.3/25$

All: -33.813 ± 0.000 $\chi^2/\text{NDF}: 539977182263$

- sign -28.144 ± 0.000 $\chi^2/\text{NDF}: 2279701.7/27$

dit_usl_4aY_slope vs Slug



Right In: -14.044 ± 0.000 $\chi^2/\text{NDF}: 759846.3/15$

Left Out: 1.893 ± 0.011 $\chi^2/\text{NDF}: 14513.0/9$

Right Out: 13.994 ± 0.000 $\chi^2/\text{NDF}: 389892.9/17$

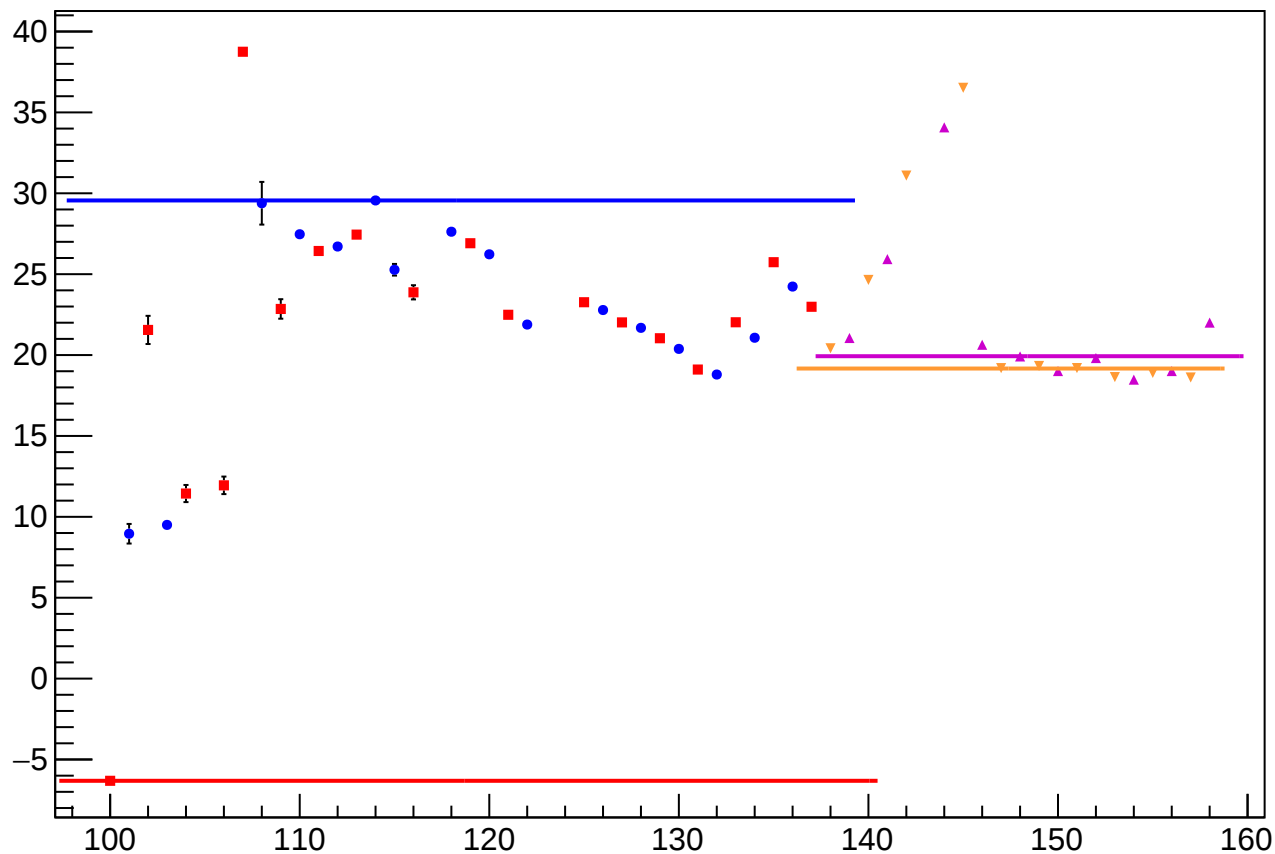
Left In: 1.284 ± 0.010 $\chi^2/\text{NDF}: 23953.0/9$

+ sign -14.044 ± 0.000 $\chi^2/\text{NDF}: 2808845.0/25$

All: 5.182 ± 0.000 $\chi^2/\text{NDF}: 46979633245184$

- sign 13.994 ± 0.000 $\chi^2/\text{NDF}: 2190428.6/27$

dit_usl_4eY_slope vs Slug



Right In: 29.557 $\pm$ 0.000 χ^2 /NDF: 88755.1/15

Left Out: 19.167 $\pm$ 0.011 χ^2 /NDF:19966.6/9

Right Out: -6.317 $\pm$ 0.000 χ^2 /NDF: 1630502.4/17

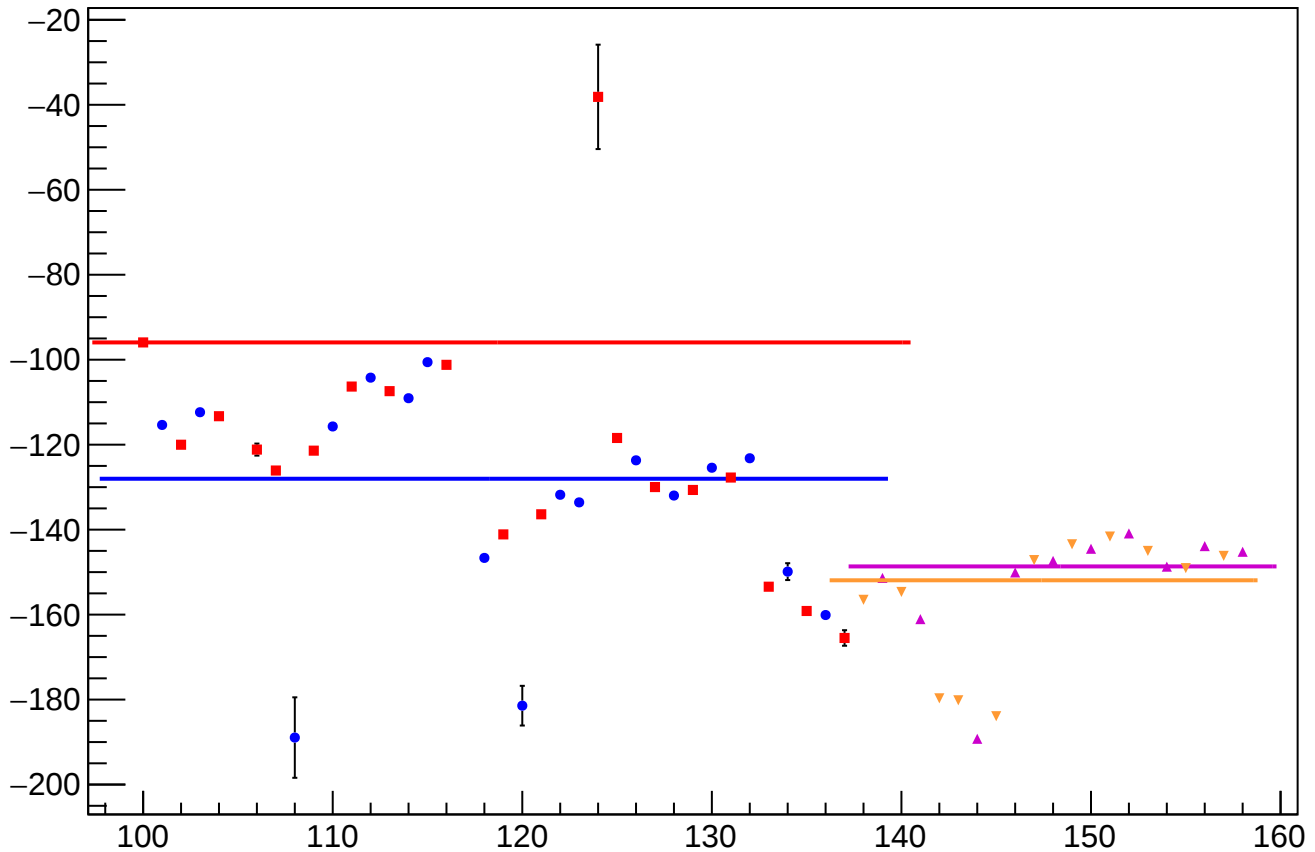
Left In: 19.929 $\pm$ 0.009 χ^2 /NDF:51604.8/9

+ sign 29.557 $\pm$ 0.000 χ^2 /NDF: 1039739.1/25

All: -2.629 $\pm$ 0.000 χ^2 /NDF: 1006300357398

- sign -6.317 $\pm$ 0.000 χ^2 /NDF: 9621834.8/27

dit_usr_4aX_slope vs Slug



Right In: -128.021+/-0.098 χ^2/NDF : 38162.5/16

Left Out: -151.922+/-0.075 χ^2/NDF : 24196.6/10

Right Out: -95.934+/-0.000 χ^2/NDF : 168284.2/18

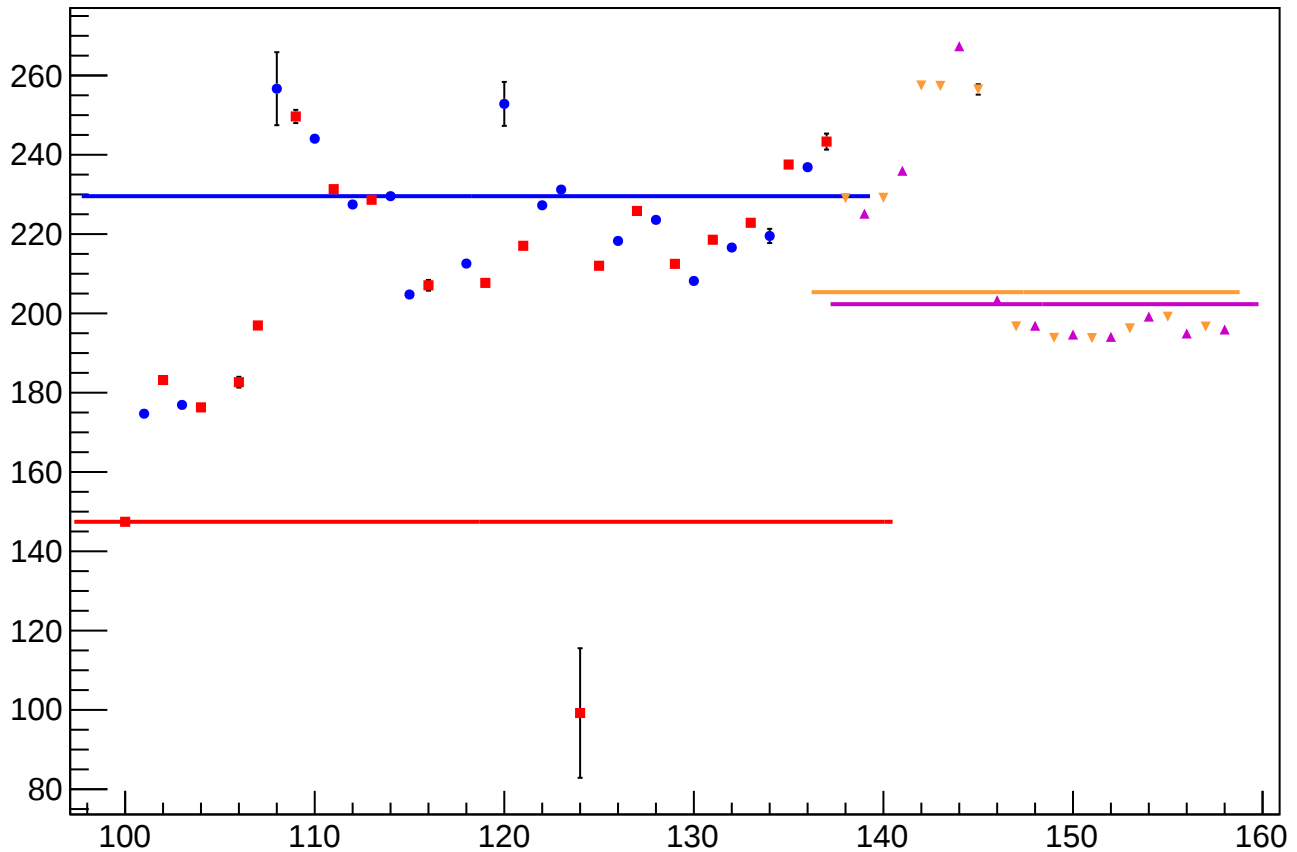
Left In: -148.655+/-0.065 χ^2/NDF : 20819.8/9

+ sign -143.061+/-0.060 χ^2/NDF : 99576.0/27

All: -95.934+/-0.000 χ^2/NDF : 1571854.0/56

- sign -95.934+/-0.000 χ^2/NDF : 852081.4/28

dit_usr_4eX_slope vs Slug



Right In: 229.560 $\pm$ 0.000 χ^2 /NDF: 37813.1/16

Left Out: 205.356 $\pm$ 0.062 χ^2 /NDF: 97488.0/10

Right Out: 147.445 $\pm$ 0.000 χ^2 /NDF: 546753.3/18

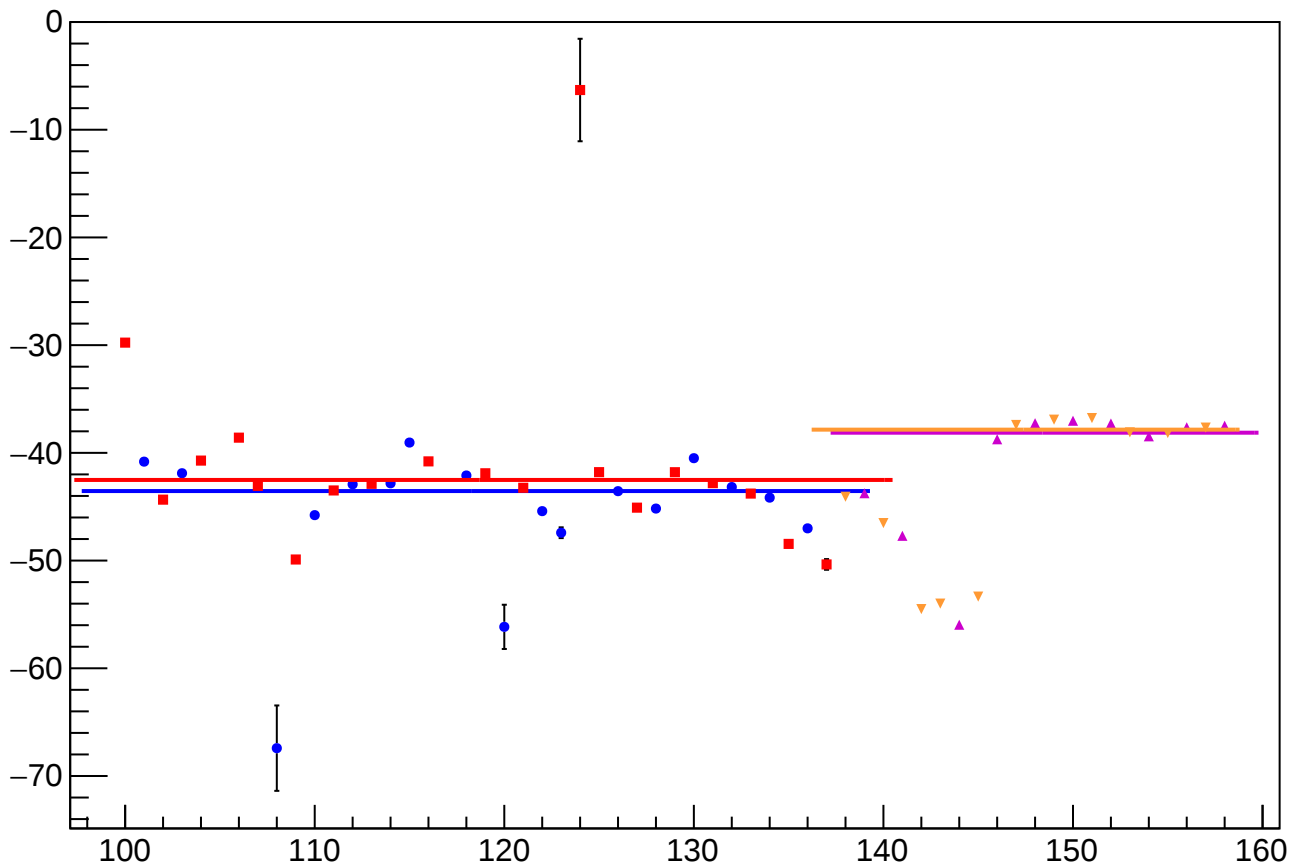
Left In: 202.324 $\pm$ 0.056 χ^2 /NDF: 74378.8/9

+ sign 229.560 $\pm$ 0.000 χ^2 /NDF: 286212.6/27

All: 173.253 $\pm$ 0.000 χ^2 /NDF: 157405034293

- sign 147.445 $\pm$ 0.000 χ^2 /NDF: 1573669.7/28

dit_usr_11X12X_slope vs Slug



Right In: -43.546 ± 0.023 $\chi^2/\text{NDF}: 12997.3/16$

Left Out: -37.845 ± 0.005 $\chi^2/\text{NDF}: 233020.5/10$

Right Out: -42.515 ± 0.021 $\chi^2/\text{NDF}: 7216.9/18$

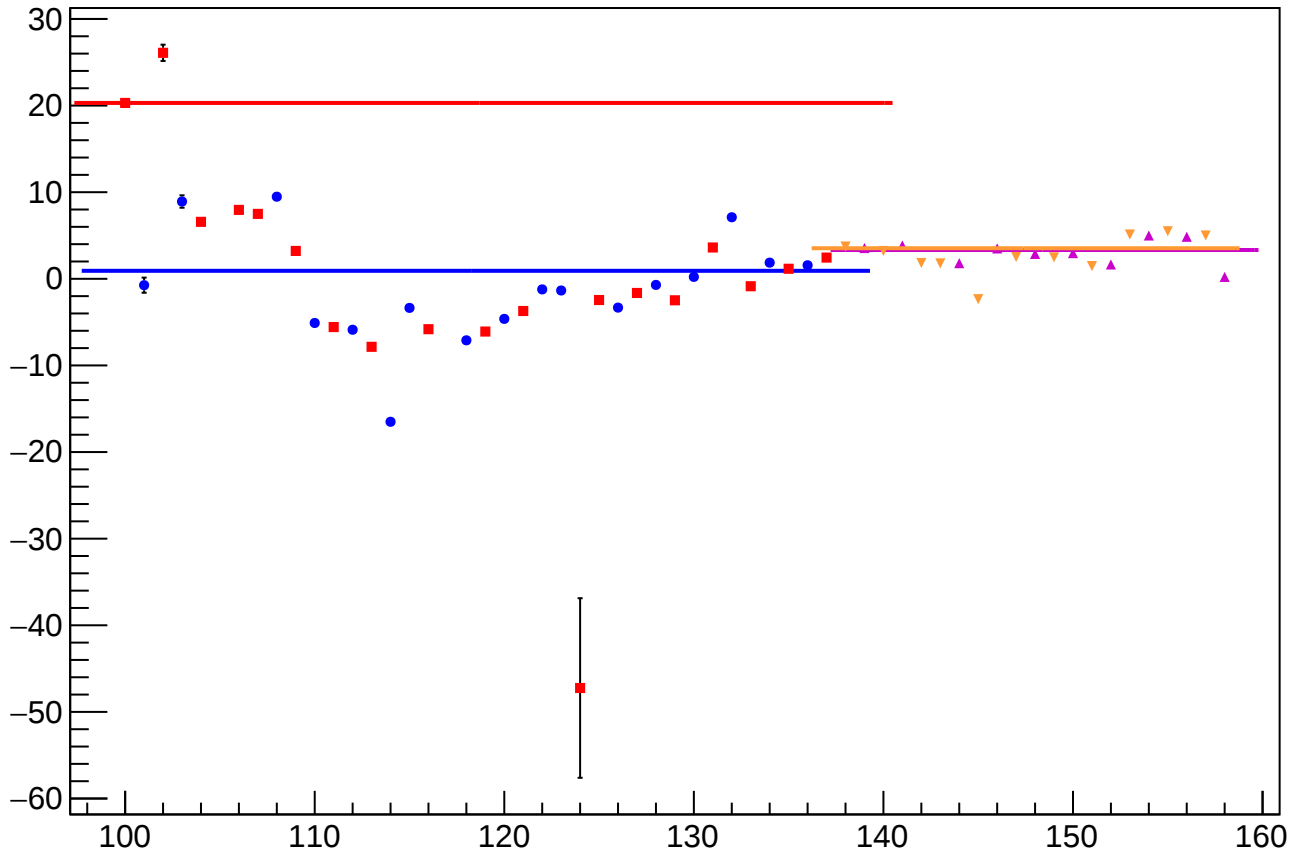
Left In: -38.128 ± 0.006 $\chi^2/\text{NDF}: 128817.2/9$

+ sign -38.135 ± 0.005 $\chi^2/\text{NDF}: 304490.1/27$

All: -38.275 ± 0.004 $\chi^2/\text{NDF}: 483414.0/56$

- sign -38.433 ± 0.005 $\chi^2/\text{NDF}: 177366.6/28$

dit_usr_4aY_slope vs Slug



Right In: 0.923 ± 0.020 χ^2/NDF : 21353.5/16

Left Out: 3.531 ± 0.011 χ^2/NDF : 21181.7/10

Right Out: 20.304 ± 0.000 χ^2/NDF : 918407.4/18

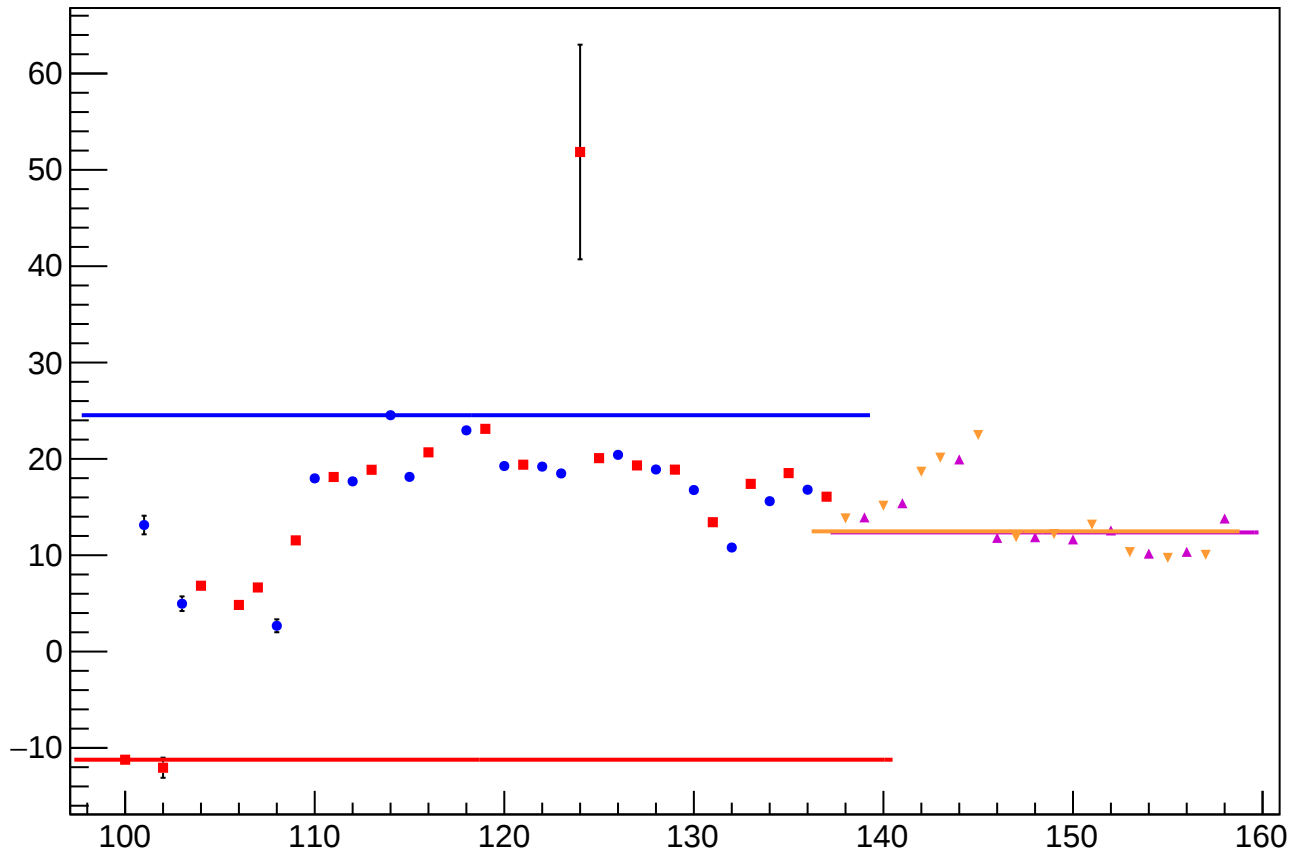
Left In: 3.327 ± 0.009 χ^2/NDF : 30940.2/9

+ sign 2.930 ± 0.010 χ^2/NDF : 55360.1/27

All: 20.304 ± 0.000 χ^2/NDF : 7610003.5/56

- sign 20.304 ± 0.000 χ^2/NDF : 4342507.0/28

dit_usr_4eY_slope vs Slug



Right In: 24.533+/-0.000 χ^2/NDF : 119839.5/16

Left Out: 12.479+/-0.012 χ^2/NDF : 53460.8/10

Right Out: -11.224+/-0.000 χ^2/NDF : 2204048.4/18

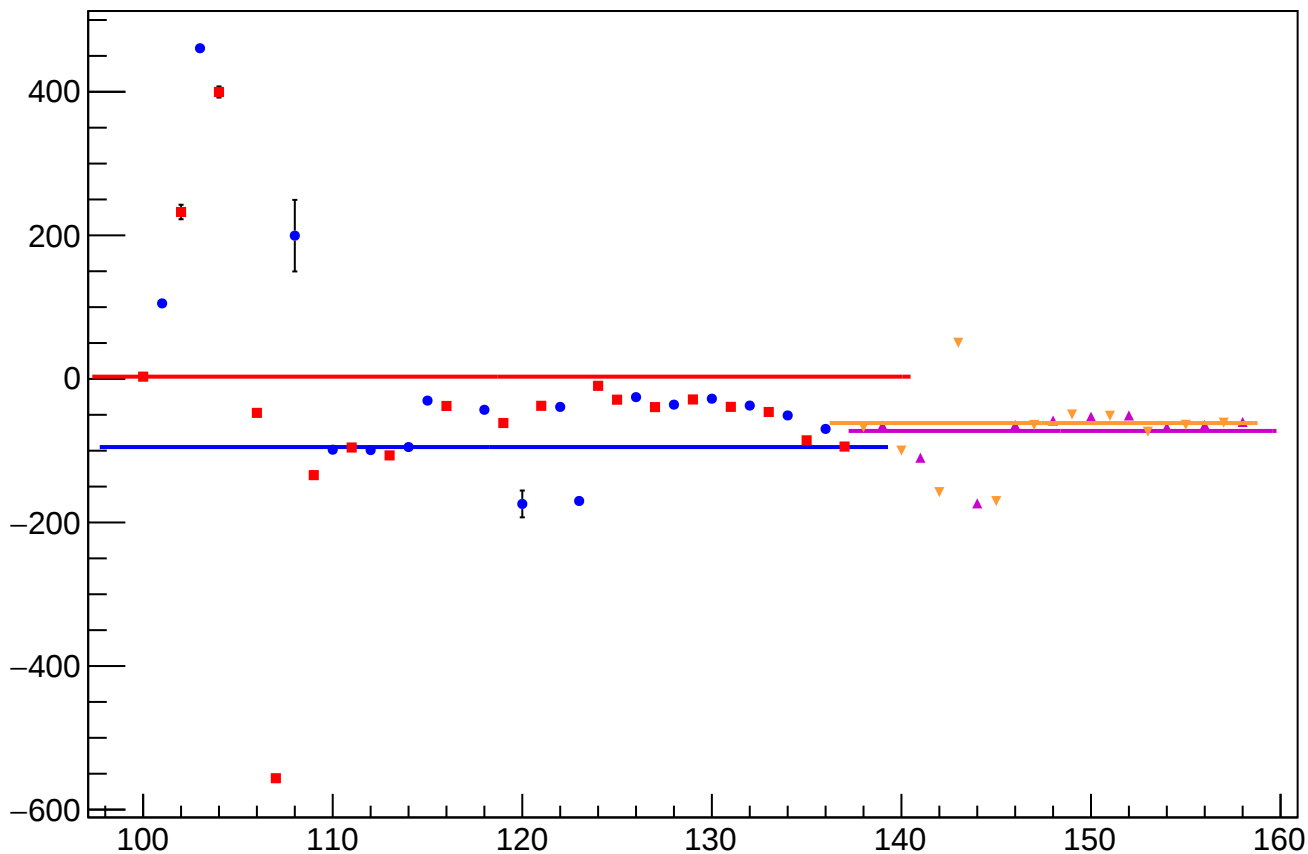
Left In: 12.366+/-0.011 χ^2/NDF : 24636.5/9

+ sign 24.533+/-0.000 χ^2/NDF : 1271017.7/27

All: -7.548+/-0.000 χ^2/NDF : 2499340702901

- sign -11.224+/-0.000 χ^2/NDF : 6560082.8/28

dit_atl1_4aX_slope vs Slug



Right In: -94.927 ± 0.000 χ^2/NDF : 718777.6/16

Left Out: -61.486 ± 0.143 χ^2/NDF : 40998.0/10

Right Out: 3.148 ± 0.000 χ^2/NDF : 61196784.3/18

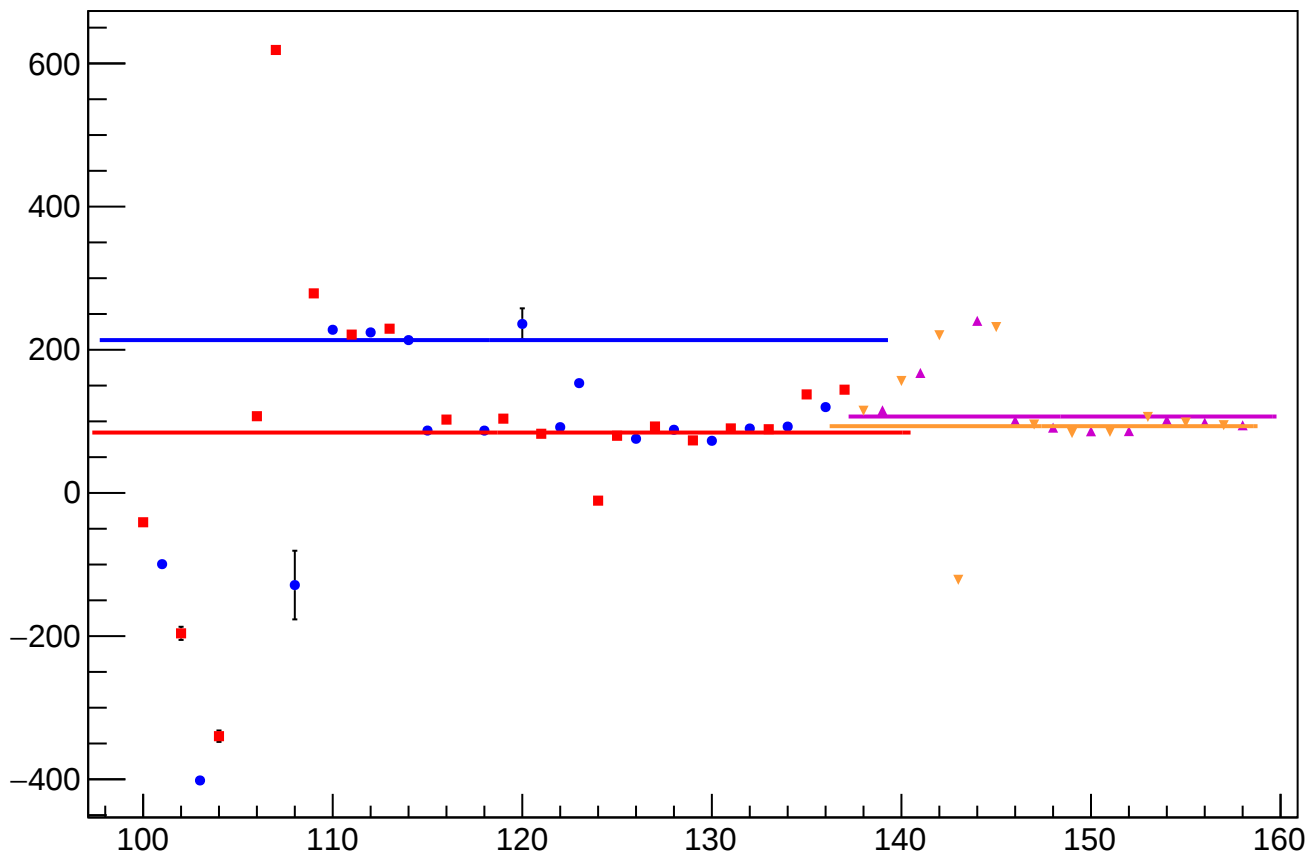
Left In: -72.463 ± 0.163 χ^2/NDF : 34958.9/9

+ sign -94.927 ± 0.000 χ^2/NDF : 814640.9/27

All: 2.973 ± 0.000 χ^2/NDF : 52299232074263

- sign 3.148 ± 0.000 χ^2/NDF : 61445628.9/28

dit_atl1_4eX_slope vs Slug



Right In: 213.523 $\pm$ 0.000 χ^2 /NDF: 2690617.8/16

Left Out: 93.278 $\pm$ 0.120 χ^2 /NDF:149841.4/10

Right Out: 84.377 $\pm$ 0.176 χ^2 /NDF: 227868.3/18

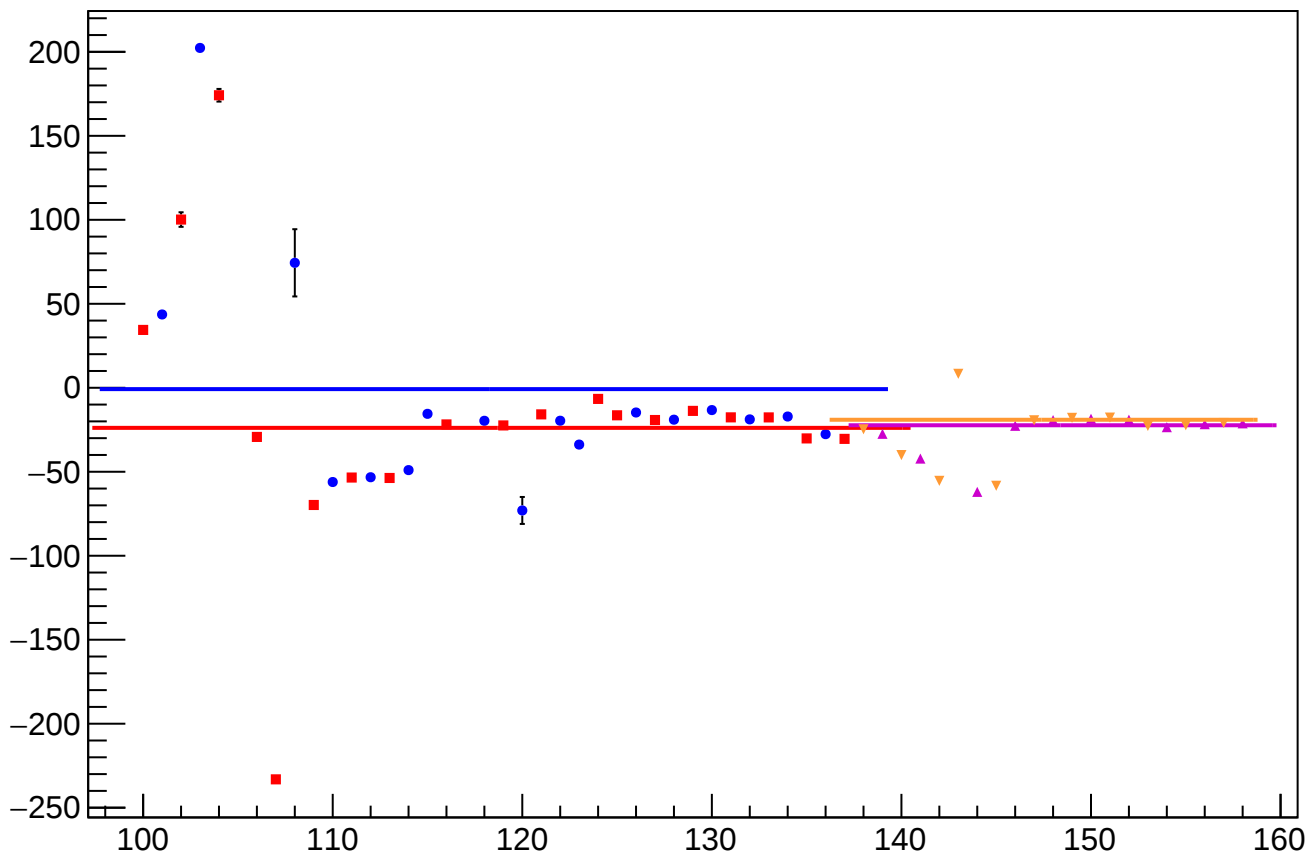
Left In: 106.768 $\pm$ 0.141 χ^2 /NDF:55776.0/9

+ sign 213.523 $\pm$ 0.000 χ^2 /NDF: 3839699.8/27

All: 213.523 $\pm$ 0.000 χ^2 /NDF: 5230557.7/56

- sign 98.003 $\pm$ 0.110 χ^2 /NDF: 293465.8/28

dit_atl1_11X12X_slope vs Slug



Right In: -0.799 ± 0.031 χ^2/NDF : 2816818.1/16

Left Out: -19.043 ± 0.014 χ^2/NDF : 561692.5/10

Right Out: -23.861 ± 0.044 χ^2/NDF : 200002.4/18

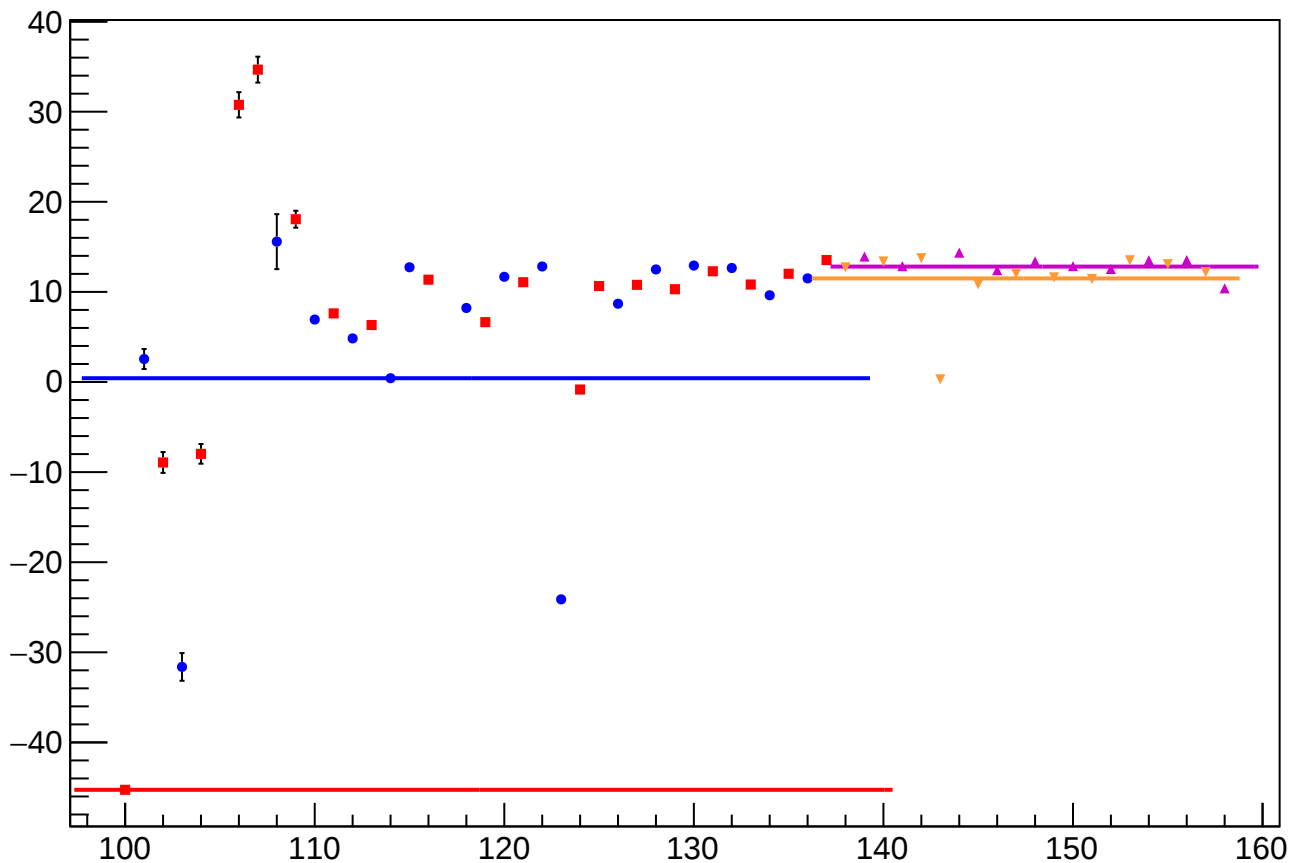
Left In: -22.317 ± 0.020 χ^2/NDF : 117326.9/9

+ sign -16.013 ± 0.013 χ^2/NDF : 3661001.2/27

All: -18.186 ± 0.010 χ^2/NDF : 4066907.4/56

- sign -22.586 ± 0.018 χ^2/NDF : 318366.4/28

dit_atl1_4aY_slope vs Slug



Right In: 0.420+/-0.000 χ^2/NDF : 84744.6/16

Left Out: 11.497+/-0.023 χ^2/NDF : 24395.1/10

Right Out: -45.259+/-0.000 χ^2/NDF : 1298633.3/18

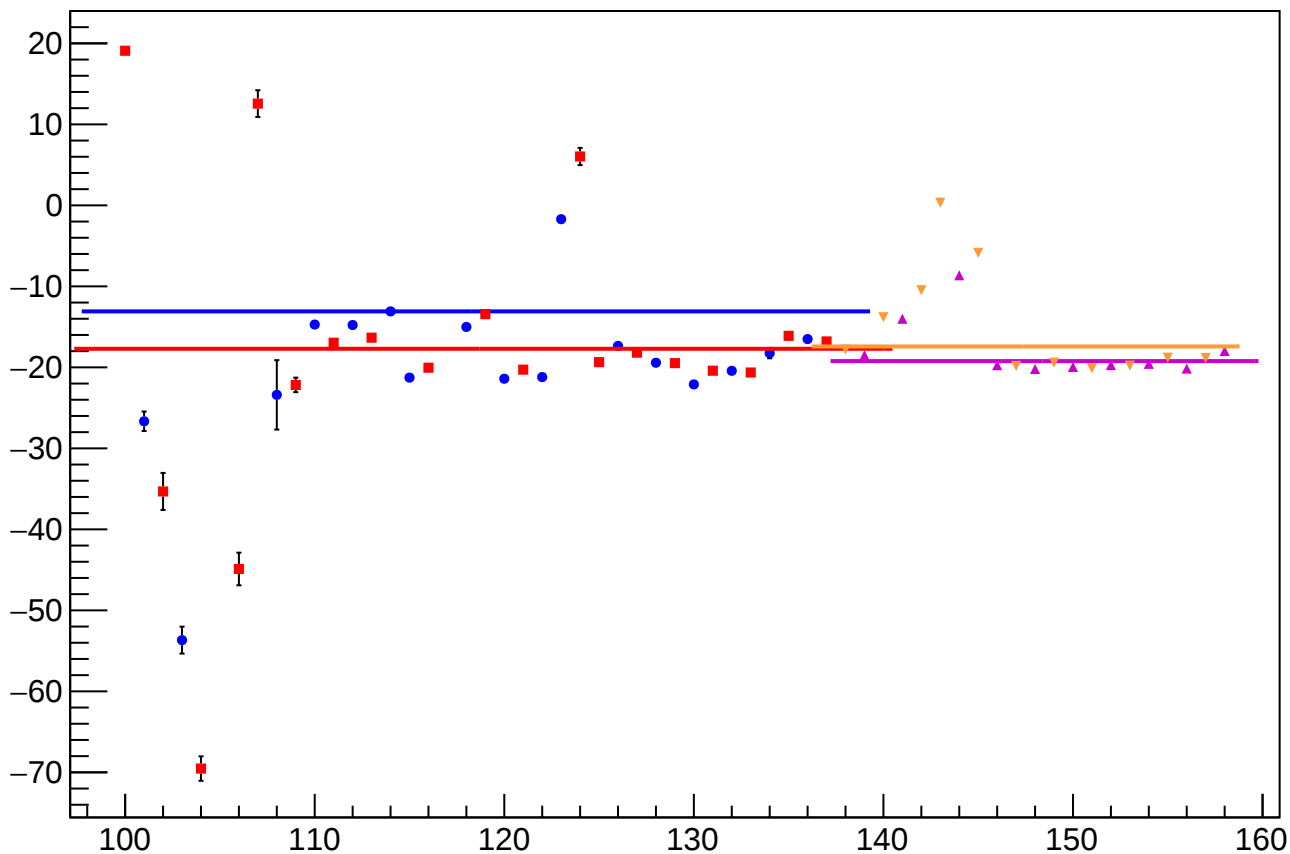
Left In: 12.809+/-0.018 χ^2/NDF : 3091.7/9

+ sign 0.420+/-0.000 χ^2/NDF : 341587.7/27

All: 0.419+/-0.000 χ^2/NDF : 24797052003265

- sign -45.259+/-0.000 χ^2/NDF : 11197491.5/28

dit_atl1_4eY_slope vs Slug



Right In: -13.090 ± 0.000 χ^2/NDF : 30071.6/16

Left Out: -17.419 ± 0.024 χ^2/NDF : 39697.7/10

Right Out: -17.705 ± 0.048 χ^2/NDF : 14635.4/18

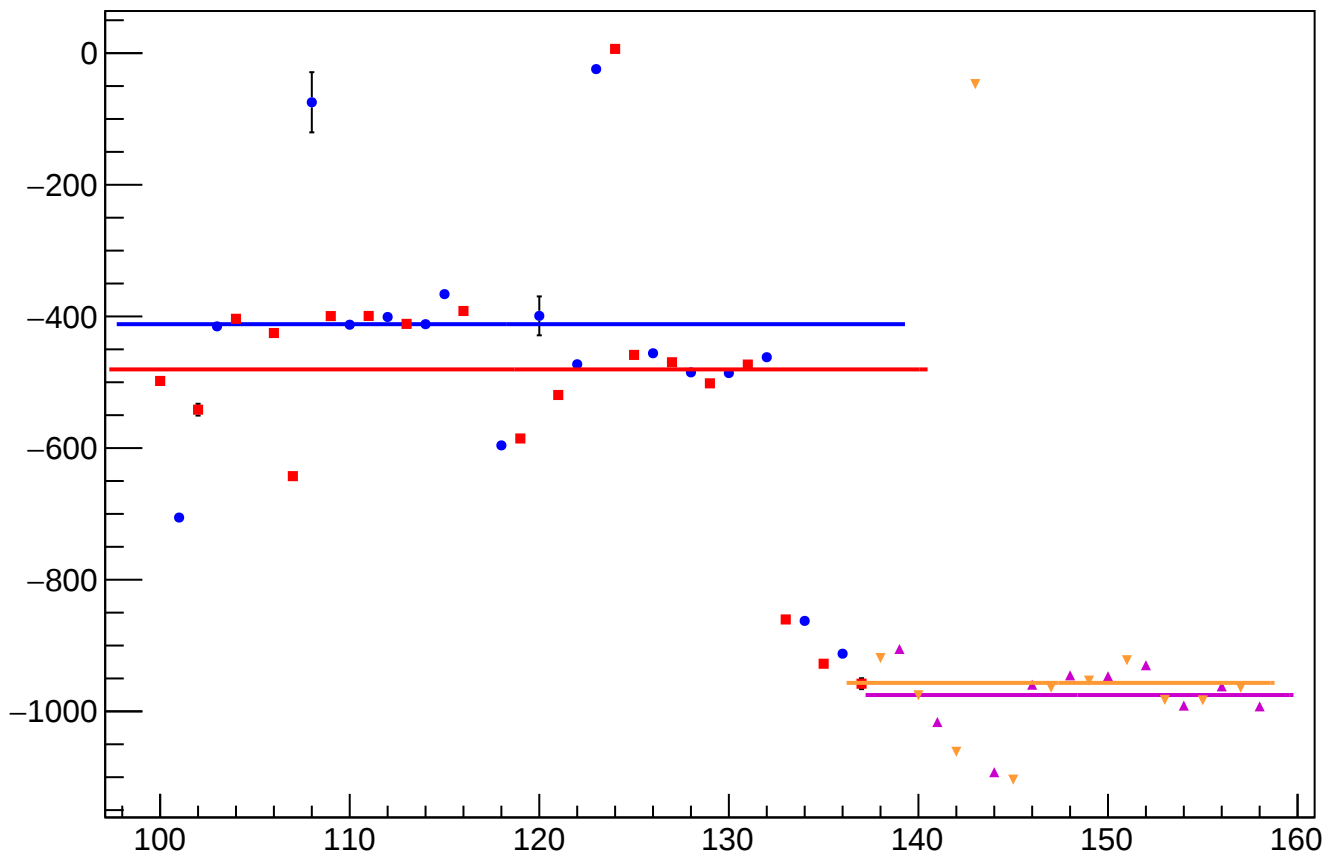
Left In: -19.225 ± 0.021 χ^2/NDF : 6760.0/9

+ sign -13.090 ± 0.000 χ^2/NDF : 102400.5/27

All: -13.090 ± 0.000 χ^2/NDF : 218147.6/56

- sign -18.979 ± 0.019 χ^2/NDF : 22239.5/28

dit_atl2_4aX_slope vs Slug



Right In: -411.771+/-0.000 χ^2/NDF : 984974.9/16

Left Out: -956.708+/-0.239 χ^2/NDF : 268584.8/10

Right Out: -480.481+/-0.166 χ^2/NDF : 596807.0/18

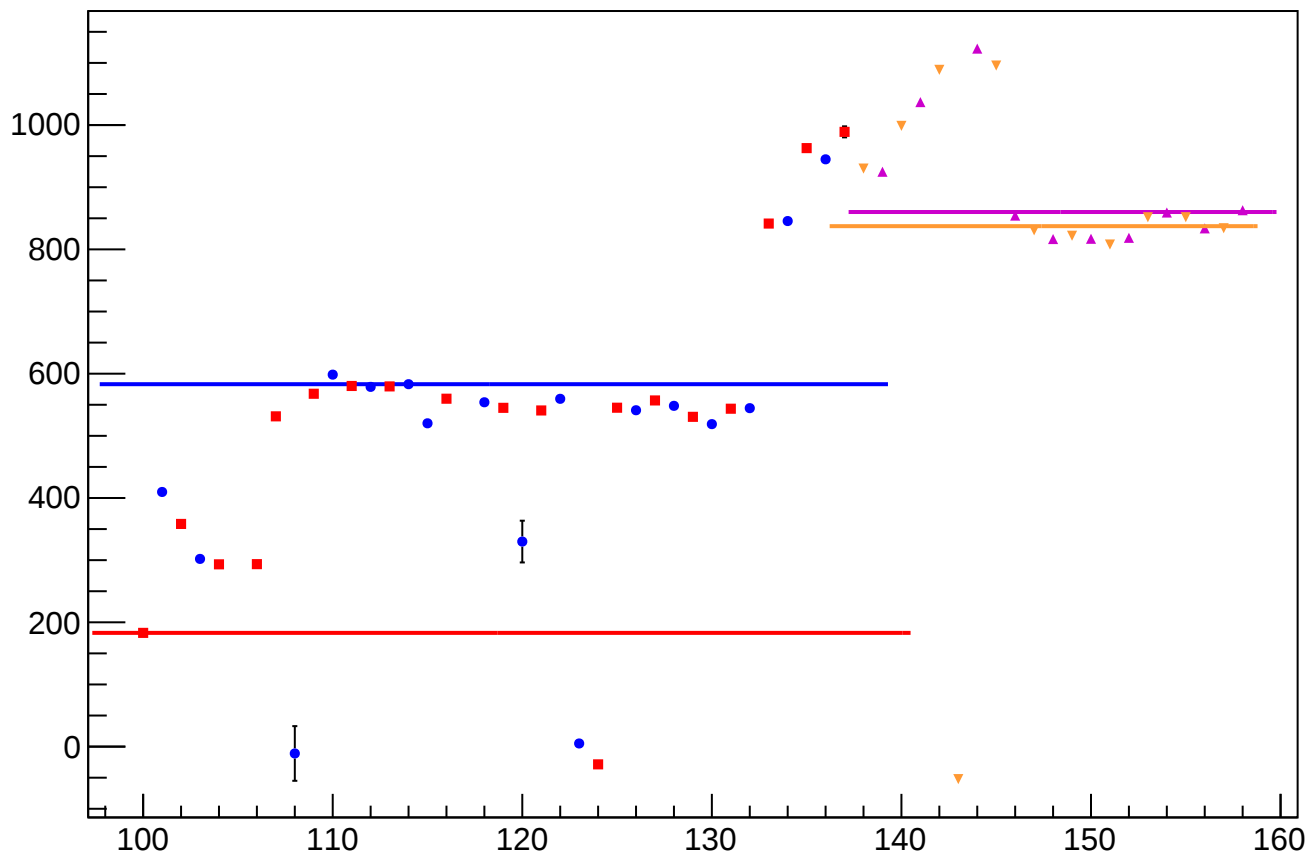
Left In: -975.171+/-0.221 χ^2/NDF : 22164.6/9

+ sign -411.771+/-0.000 χ^2/NDF : 6462401.9/27

All: -411.771+/-0.000 χ^2/NDF : 13755576.5/5

- sign -659.225+/-0.133 χ^2/NDF : 3821114.1/28

dit_atl2_4eX_slope vs Slug



Right In: 583.096+/-0.000 χ^2/NDF : 1695243.6/16

Left Out: 837.346+/-0.193 χ^2/NDF : 366207.1/10

Right Out: 182.993+/-0.000 χ^2/NDF : 2983395.1/18

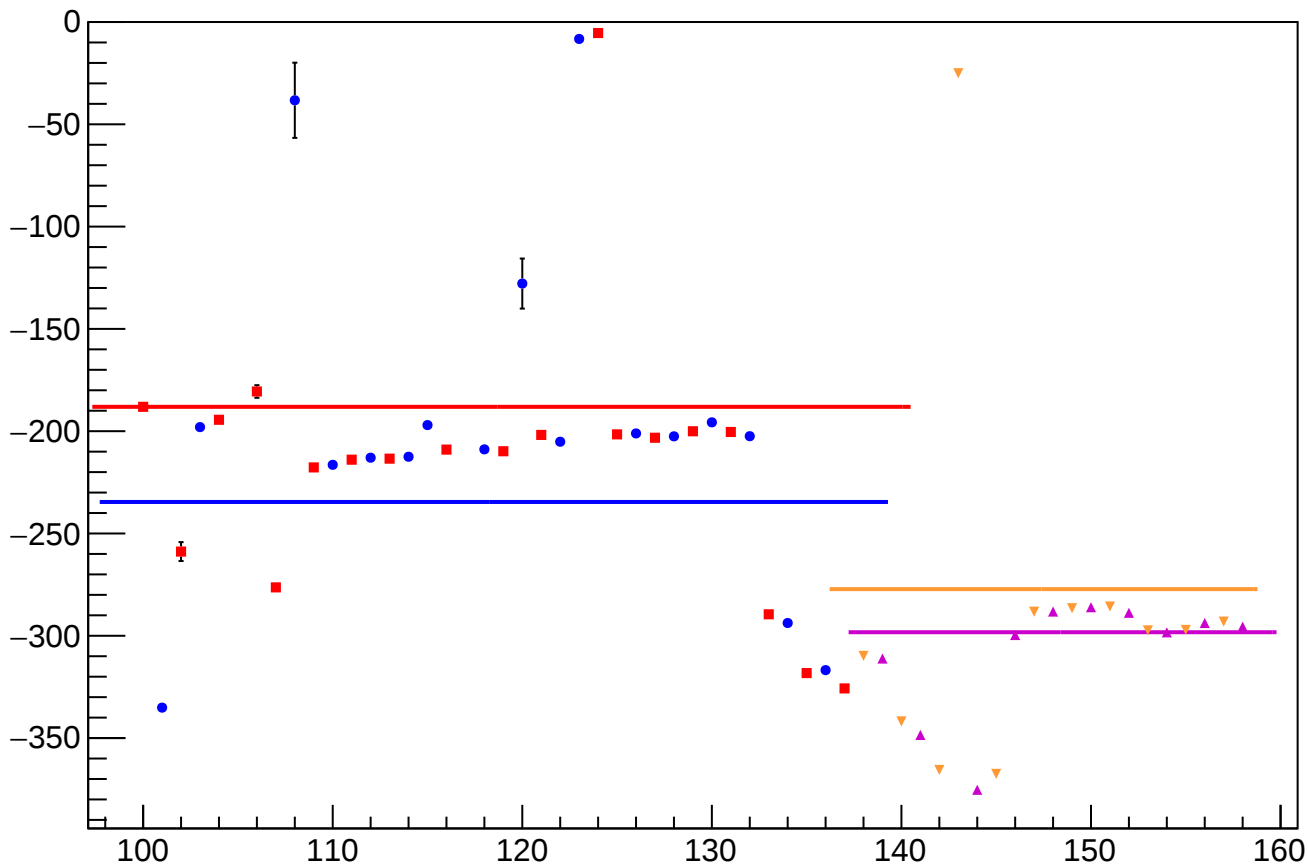
Left In: 860.116+/-0.191 χ^2/NDF : 86256.7/9

+ sign 583.096+/-0.000 χ^2/NDF : 3805895.4/27

All: 224.125+/-0.000 χ^2/NDF : 122237113759

- sign 182.993+/-0.000 χ^2/NDF : 15604558.0/28

dit_atl2_11X12X_slope vs Slug



Right In: -234.595 ± 0.057 $\chi^2/\text{NDF}: 1034543.3/16$

Left Out: -277.193 ± 0.029 $\chi^2/\text{NDF}: 5548721.7/10$

Right Out: -188.094 ± 0.000 $\chi^2/\text{NDF}: 564190.5/18$

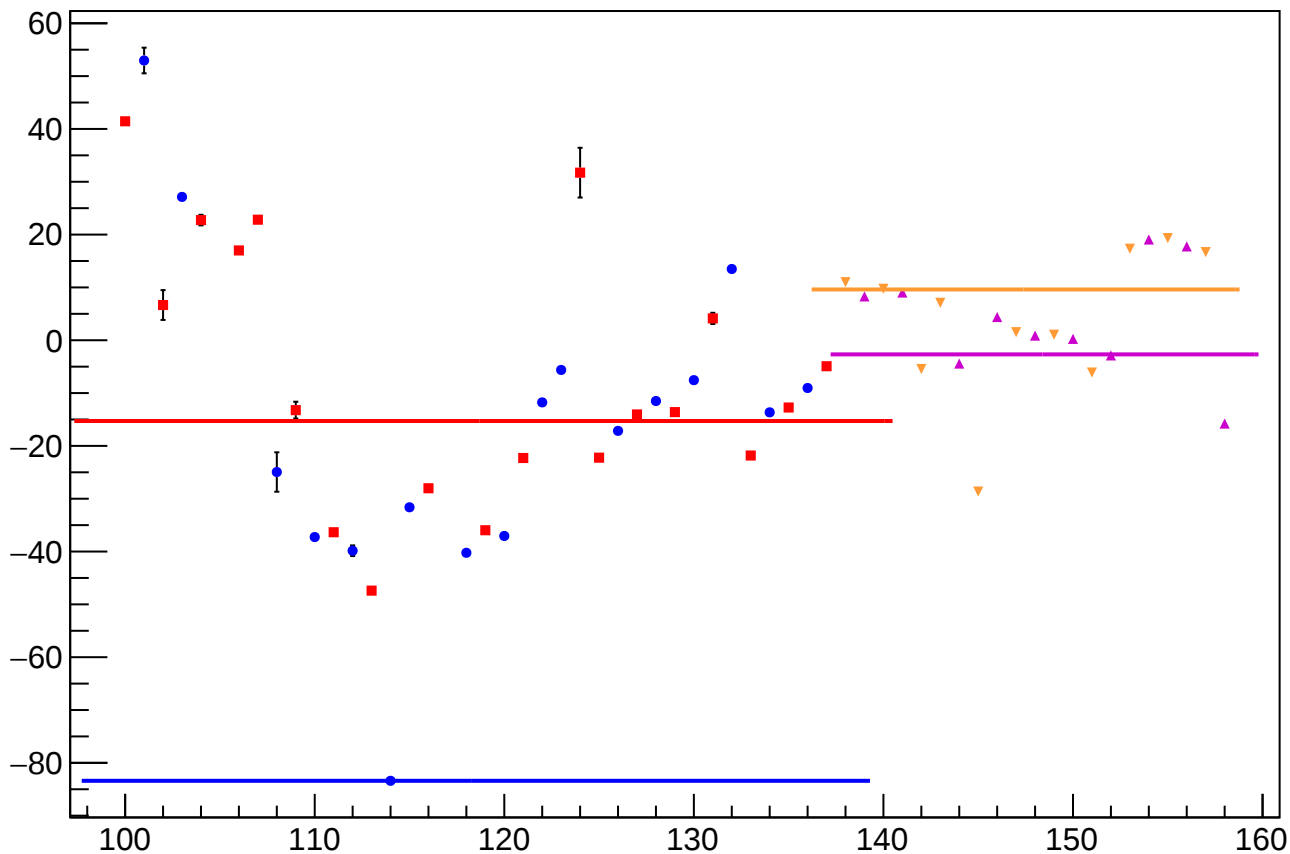
Left In: -298.265 ± 0.031 $\chi^2/\text{NDF}: 226971.3/9$

+ sign -268.318 ± 0.026 $\chi^2/\text{NDF}: 7033245.5/27$

All: -188.094 ± 0.000 $\chi^2/\text{NDF}: 29923470.1/5$

- sign -188.094 ± 0.000 $\chi^2/\text{NDF}: 13214106.4/28$

dit_atl2_4aY_slope vs Slug



Right In: -83.399 ± 0.000 χ^2/NDF : 1111851.8/16

Left Out: 9.610 ± 0.036 χ^2/NDF : 54720.4/10

Right Out: -15.289 ± 0.093 χ^2/NDF : 45102.9/18

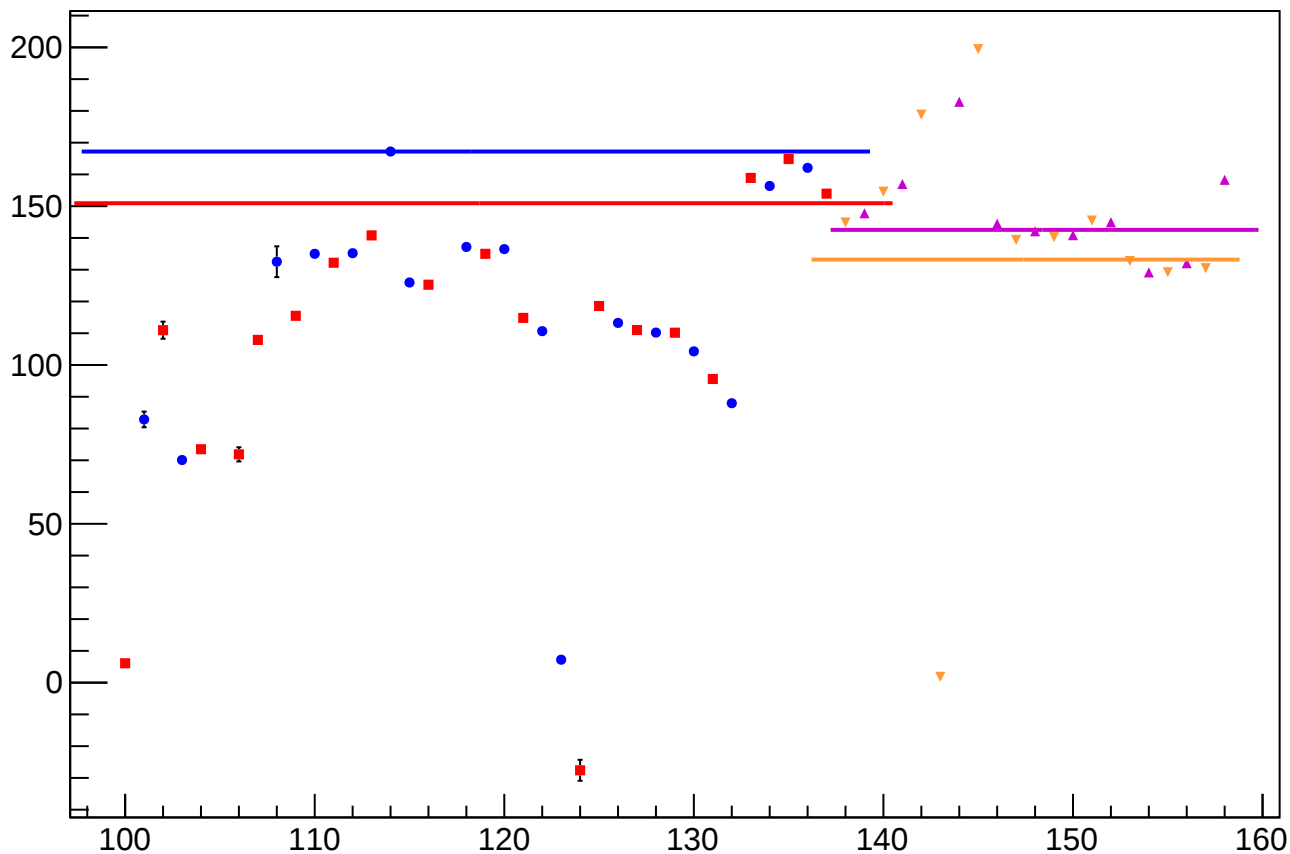
Left In: -2.677 ± 0.025 χ^2/NDF : 241688.4/9

+ sign -83.399 ± 0.000 χ^2/NDF : 7867366.5/27

All: -83.399 ± 0.000 χ^2/NDF : 18724087.3/56

- sign -3.558 ± 0.025 χ^2/NDF : 303909.8/28

dit_atl2_4eY_slope vs Slug



Right In: 167.207 $\pm$ 0.000 χ^2 /NDF: 377544.7/16

Left Out: 133.185 $\pm$ 0.045 χ^2 /NDF: 336558.6/10

Right Out: 150.930 $\pm$ 0.030 χ^2 /NDF: 254077.1/18

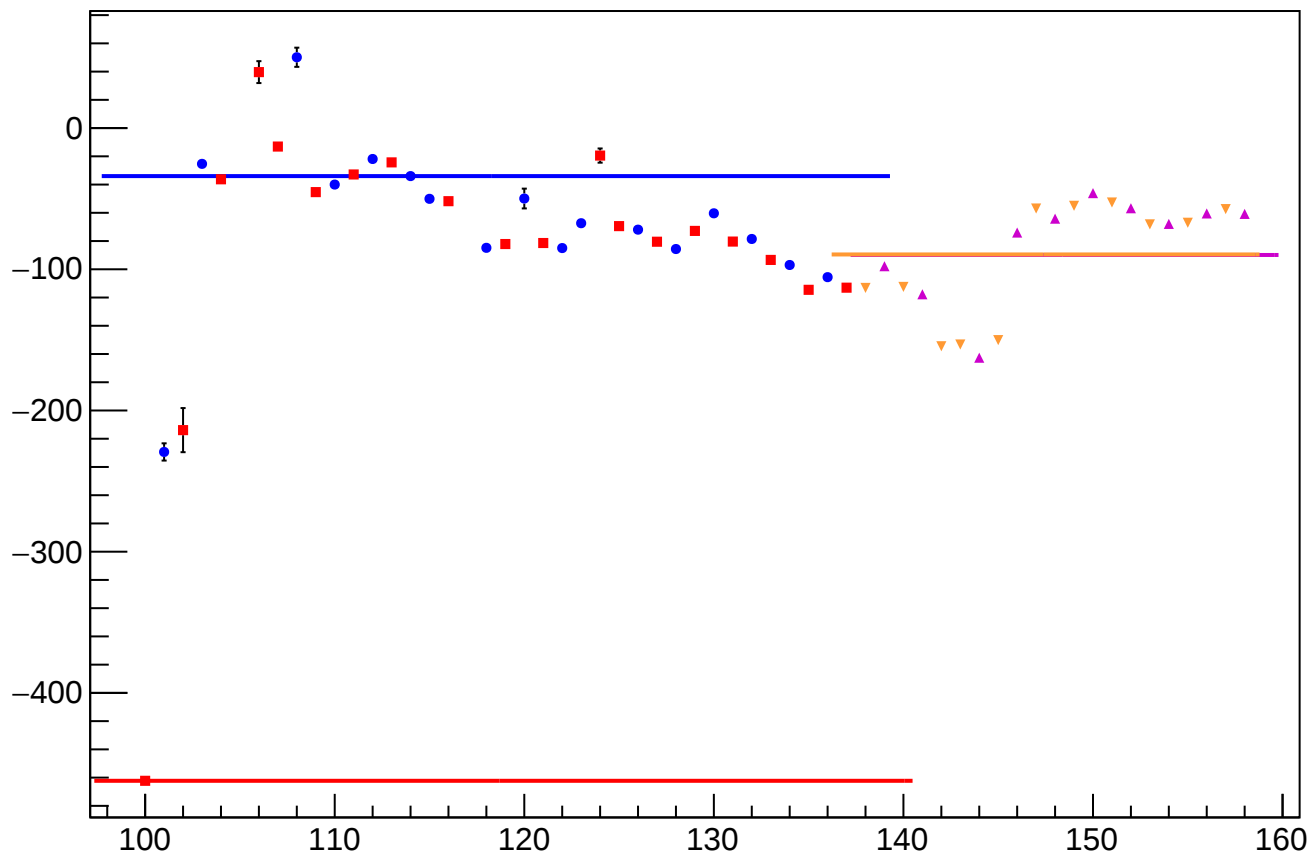
Left In: 142.549 $\pm$ 0.035 χ^2 /NDF: 96357.9/9

+ sign 167.207 $\pm$ 0.000 χ^2 /NDF: 1276017.2/27

All: 167.207 $\pm$ 0.000 χ^2 /NDF: 2413745.5/56

- sign 147.406 $\pm$ 0.023 χ^2 /NDF: 383363.2/28

dit_atr1_4aX_slope vs Slug



Right In: -34.002 $\pm$ 0.000 χ^2 /NDF: 103608.4/16

Left Out: -89.497 $\pm$ 0.160 χ^2 /NDF: 51694.5/10

Right Out: -462.254 $\pm$ 0.000 χ^2 /NDF: 4616114.1/18

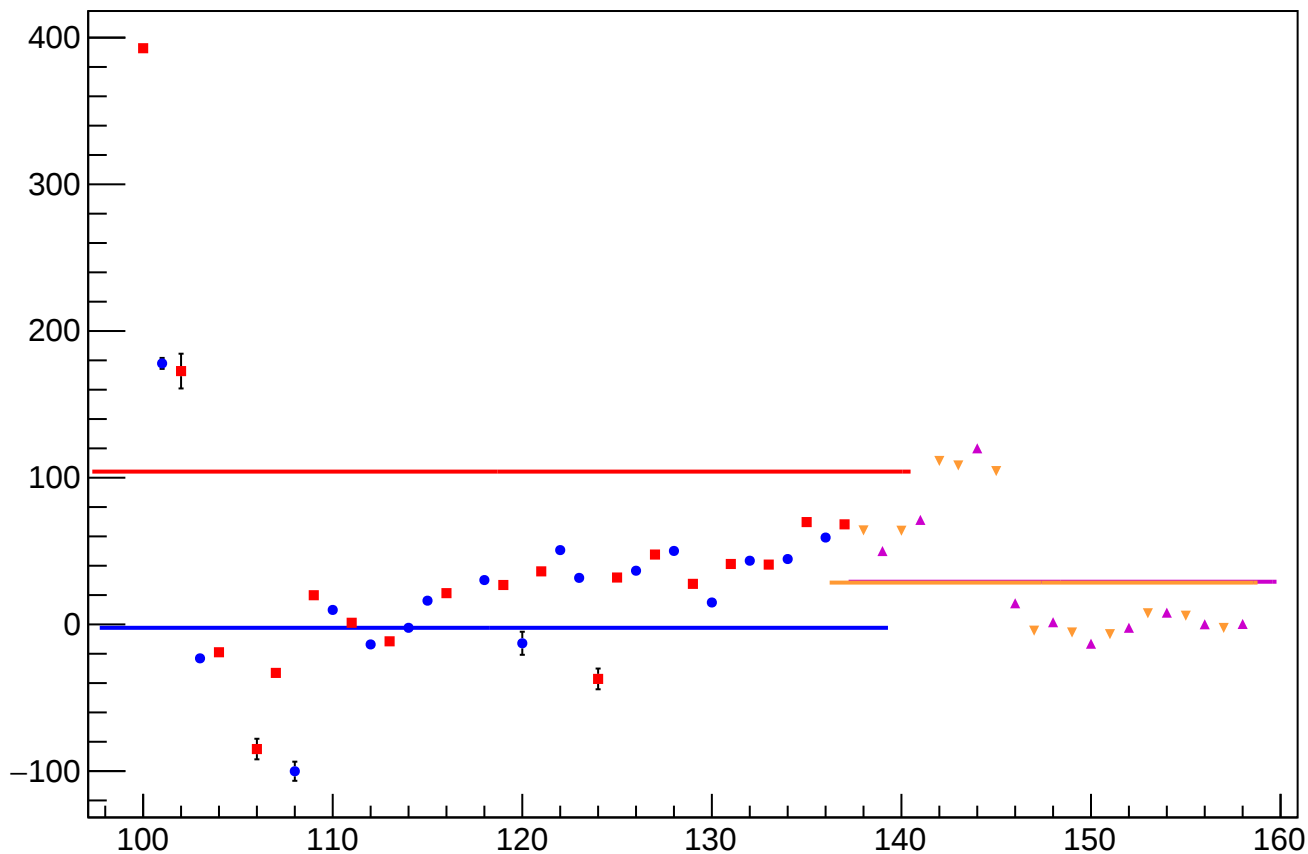
Left In: -89.863 $\pm$ 0.168 χ^2 /NDF: 49403.0/9

+ sign -34.002 $\pm$ 0.000 χ^2 /NDF: 274930.0/27

All: -34.912 $\pm$ 0.000 χ^2 /NDF: 849582565143

- sign -462.254 $\pm$ 0.000 χ^2 /NDF: 9578835.8/28

dit_atr1_4eX_slope vs Slug



Right In: -2.317+/-0.000 χ^2/NDF : 72308.0/16

Left Out: 28.508+/-0.140 χ^2/NDF : 86721.7/10

Right Out: 104.164+/-0.183 χ^2/NDF : 779114.1/18

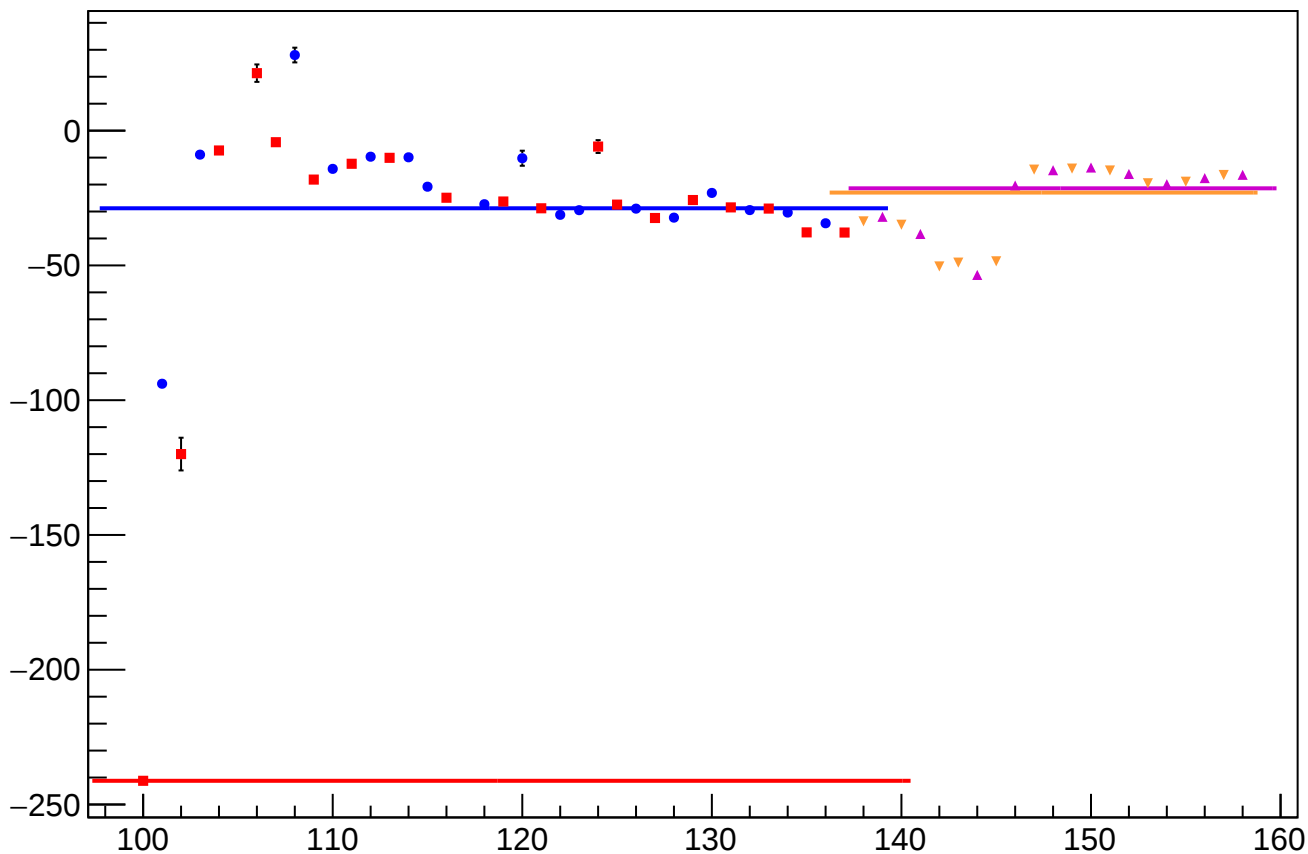
Left In: 29.089+/-0.149 χ^2/NDF : 76914.9/9

+ sign -2.317+/-0.000 χ^2/NDF : 207304.2/27

All: -2.317+/-0.000 χ^2/NDF : 1445695.6/56

- sign 58.878+/-0.115 χ^2/NDF : 957291.2/28

dit_atr1_11X12X_slope vs Slug



Right In: -28.799 ± 0.035 $\chi^2/\text{NDF}: 49372.5/16$

Left Out: -22.973 ± 0.017 $\chi^2/\text{NDF}: 322995.2/10$

Right Out: -241.209 ± 0.000 $\chi^2/\text{NDF}: 31730104.8/18$

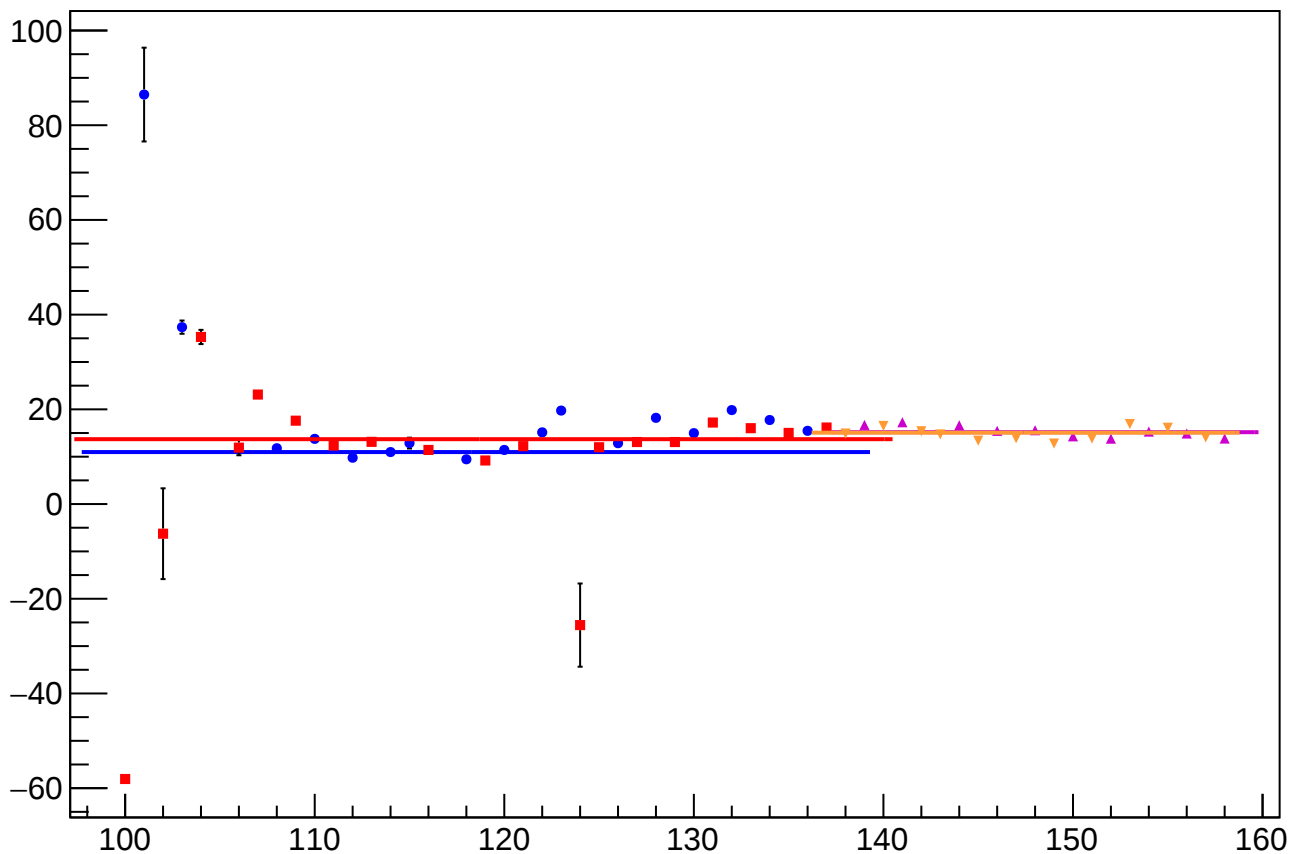
Left In: -21.397 ± 0.022 $\chi^2/\text{NDF}: 172615.8/9$

+ sign -24.076 ± 0.015 $\chi^2/\text{NDF}: 394370.5/27$

All: -241.209 ± 0.000 $\chi^2/\text{NDF}: 335368003.5/100$

- sign -241.209 ± 0.000 $\chi^2/\text{NDF}: 135858744.1/28$

dit_atr1_4aY_slope vs Slug



Right In: 10.978+/-0.000 χ^2/NDF : 26383.3/16

Left Out: 15.070+/-0.021 χ^2/NDF : 4429.3/10

Right Out: 13.698+/-0.044 χ^2/NDF : 38261.7/18

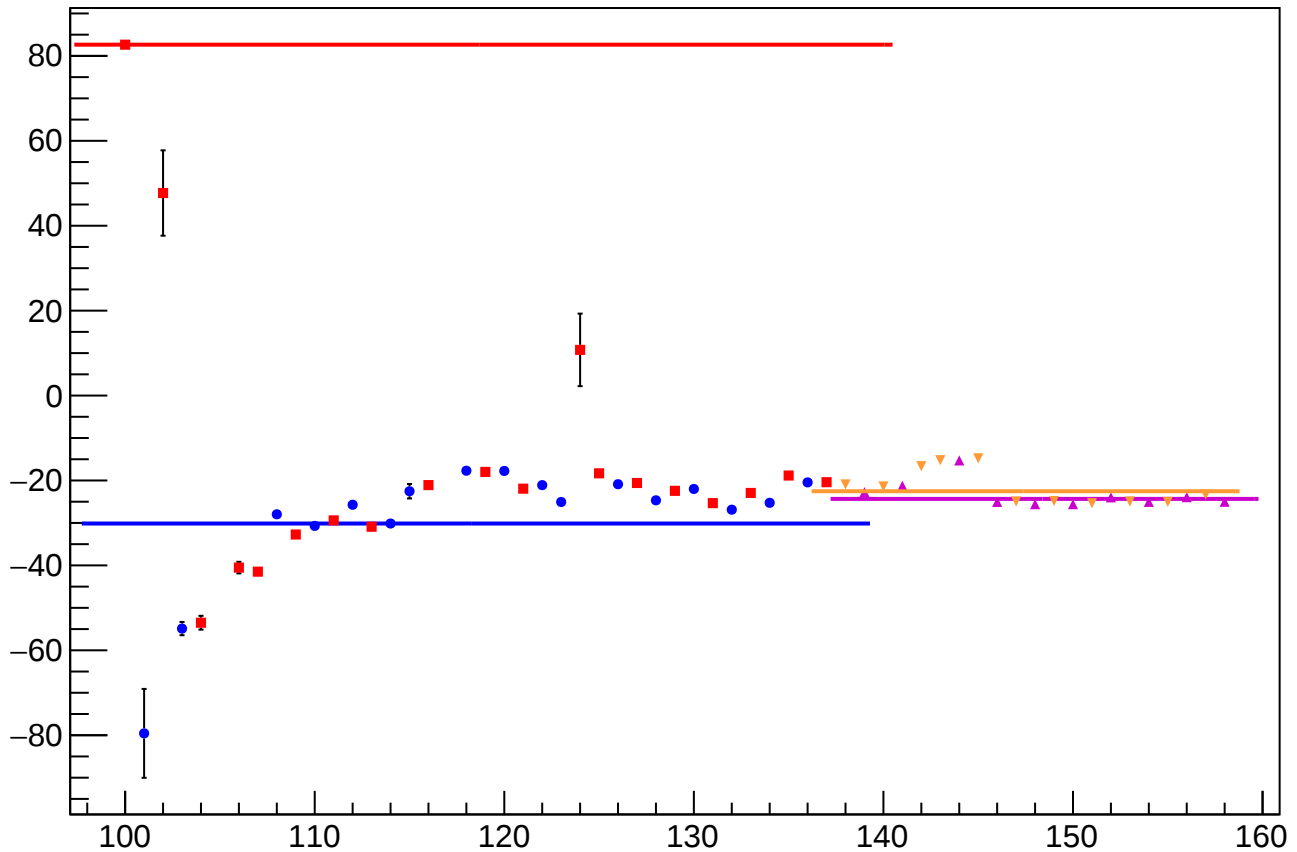
Left In: 15.175+/-0.020 χ^2/NDF : 3360.2/9

+ sign 10.978+/-0.000 χ^2/NDF : 68758.3/27

All: 10.978+/-0.000 χ^2/NDF : 158561.6/56

- sign 14.923+/-0.018 χ^2/NDF : 42558.0/28

dit_atr1_4eY_slope vs Slug



Right In: -30.139 ± 0.000 χ^2/NDF : 75823.3/16

Left Out: -22.536 ± 0.024 χ^2/NDF : 23997.1/10

Right Out: 82.645 ± 0.000 χ^2/NDF : 4126300.9/18

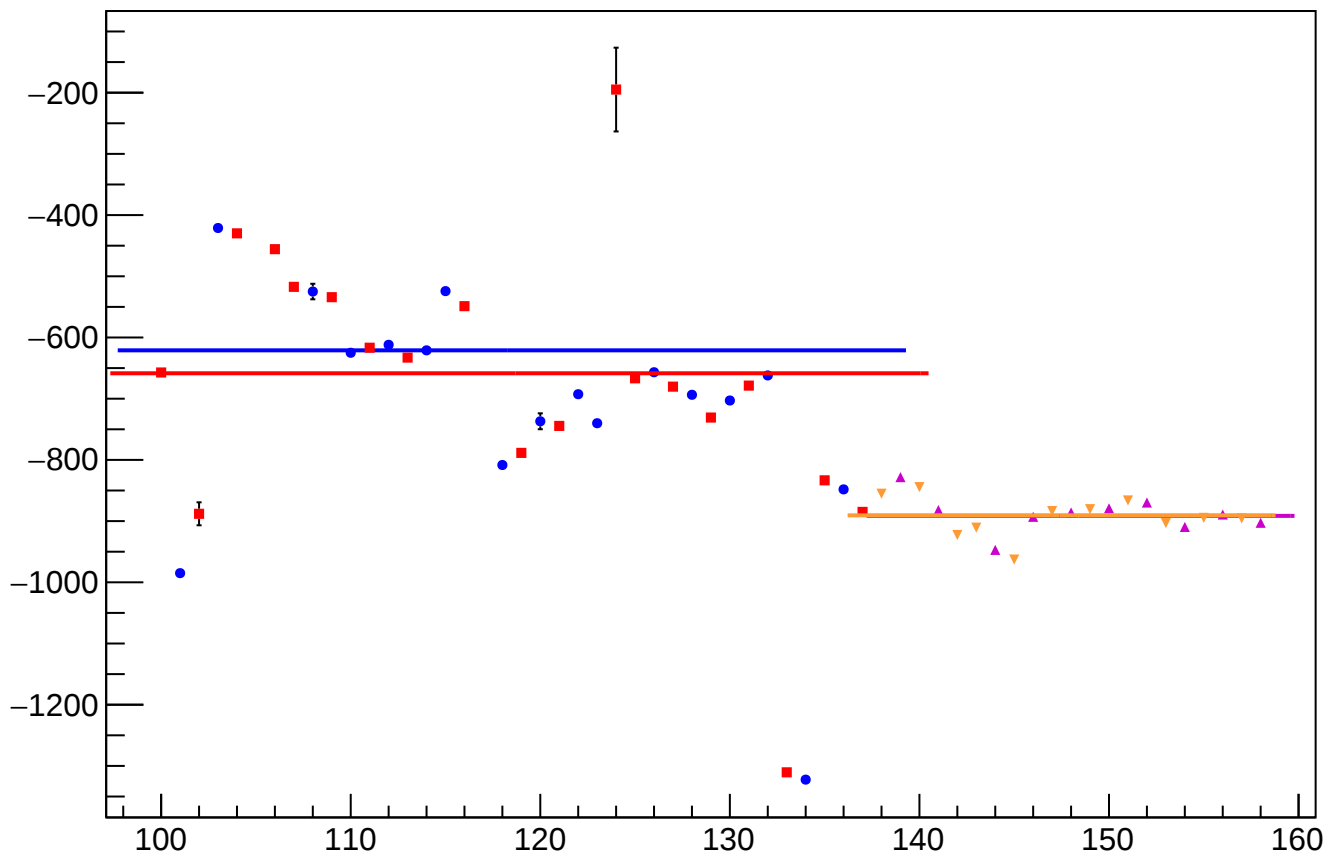
Left In: -24.337 ± 0.021 χ^2/NDF : 7504.7/9

+ sign -30.139 ± 0.000 χ^2/NDF : 200471.5/27

All: -26.421 ± 0.000 χ^2/NDF : 365466407976

- sign 82.645 ± 0.000 χ^2/NDF : 28902049.8/28

dit_atr2_4aX_slope vs Slug



Right In: -620.994+/-0.000 χ^2/NDF : 309597.8/16

Left Out: -890.607+/-0.199 χ^2/NDF : 11592.0/10

Right Out: -658.472+/-0.211 χ^2/NDF : 385288.9/18

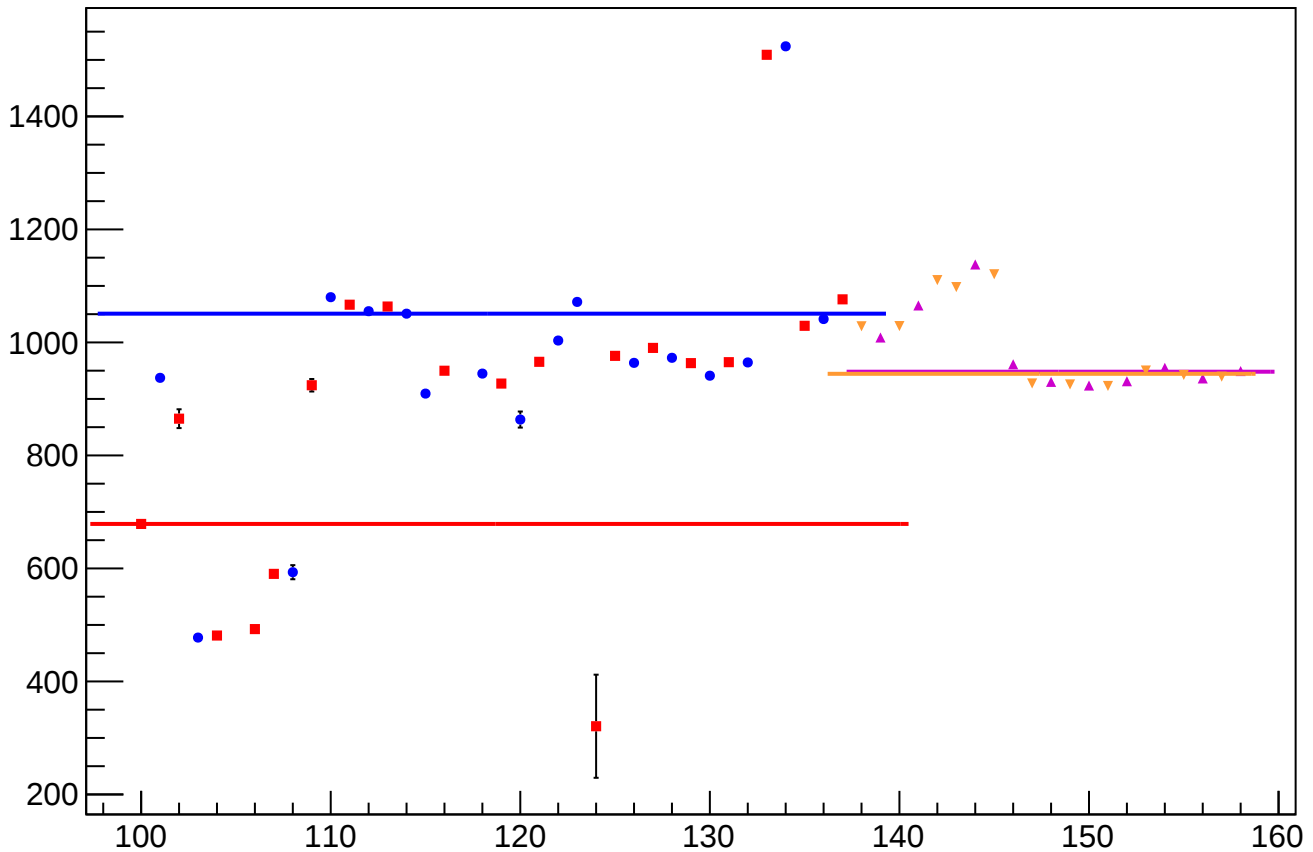
Left In: -891.445+/-0.167 χ^2/NDF : 12987.1/9

+ sign -620.994+/-0.000 χ^2/NDF : 2154973.9/27

All: -620.994+/-0.000 χ^2/NDF : 5212986.7/56

- sign -801.576+/-0.131 χ^2/NDF : 1150538.2/28

dit_atr2_4eX_slope vs Slug



Right In: 1050.885 $\pm$ 0.000 χ^2 /NDF: 296535.3/16

Left Out: 944.442 $\pm$ 0.160 χ^2 /NDF: 66733.4/10

Right Out: 678.756 $\pm$ 0.000 χ^2 /NDF: 1421757.7/18

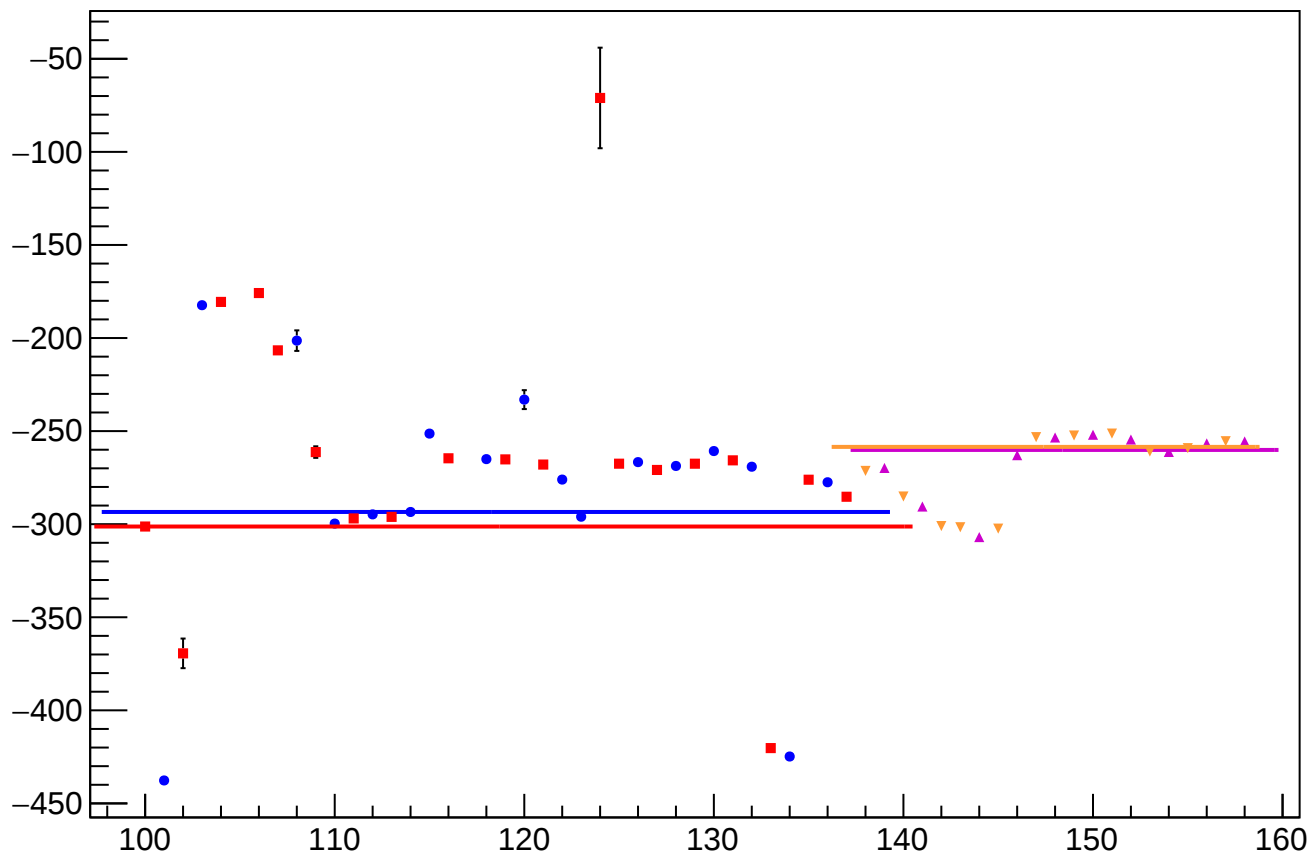
Left In: 948.165 $\pm$ 0.138 χ^2 /NDF: 73755.1/9

+ sign 1050.885 $\pm$ 0.000 χ^2 /NDF: 803420.9/27

All: 717.012 $\pm$ 0.000 χ^2 /NDF: 660888056800

- sign 678.756 $\pm$ 0.000 χ^2 /NDF: 5294592.7/28

dit_atr2_11X12X_slope vs Slug



Right In: -293.440+/-0.000 χ^2/NDF : 806123.9/16

Left Out: -258.481+/-0.025 χ^2/NDF :150681.7/10

Right Out: -301.259+/-0.000 χ^2/NDF : 709937.5/18

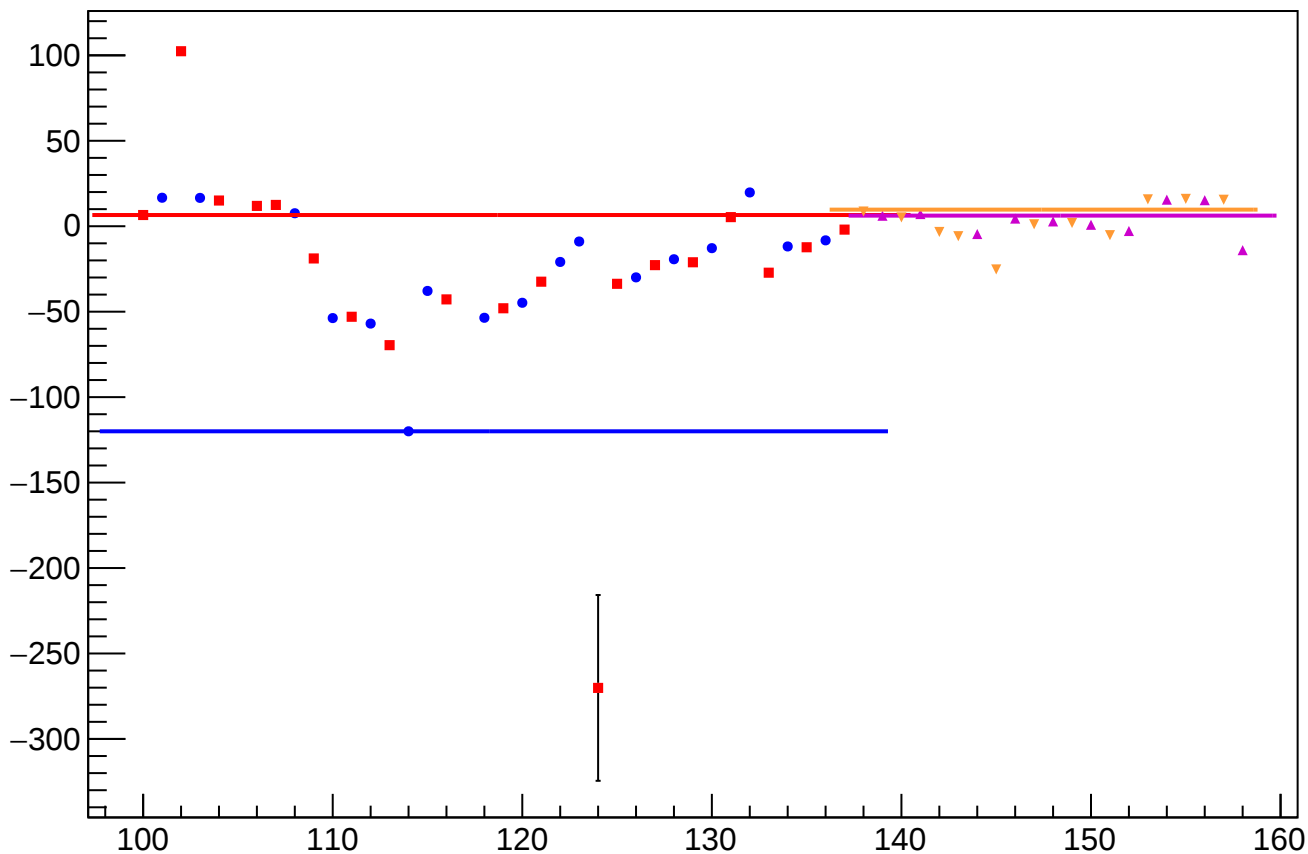
Left In: -260.117+/-0.024 χ^2/NDF :175053.7/9

+ sign -293.440+/-0.000 χ^2/NDF : 2862353.8/27

All: -296.200+/-0.000 χ^2/NDF : 73444542243

- sign -301.259+/-0.000 χ^2/NDF : 3722709.6/28

dit_atr2_4aY_slope vs Slug



Right In: -119.993 ± 0.000 χ^2/NDF : 1507310.0/16

Left Out: 9.717 ± 0.035 χ^2/NDF : 47044.2/10

Right Out: 6.562 ± 0.000 χ^2/NDF : 110723.7/18

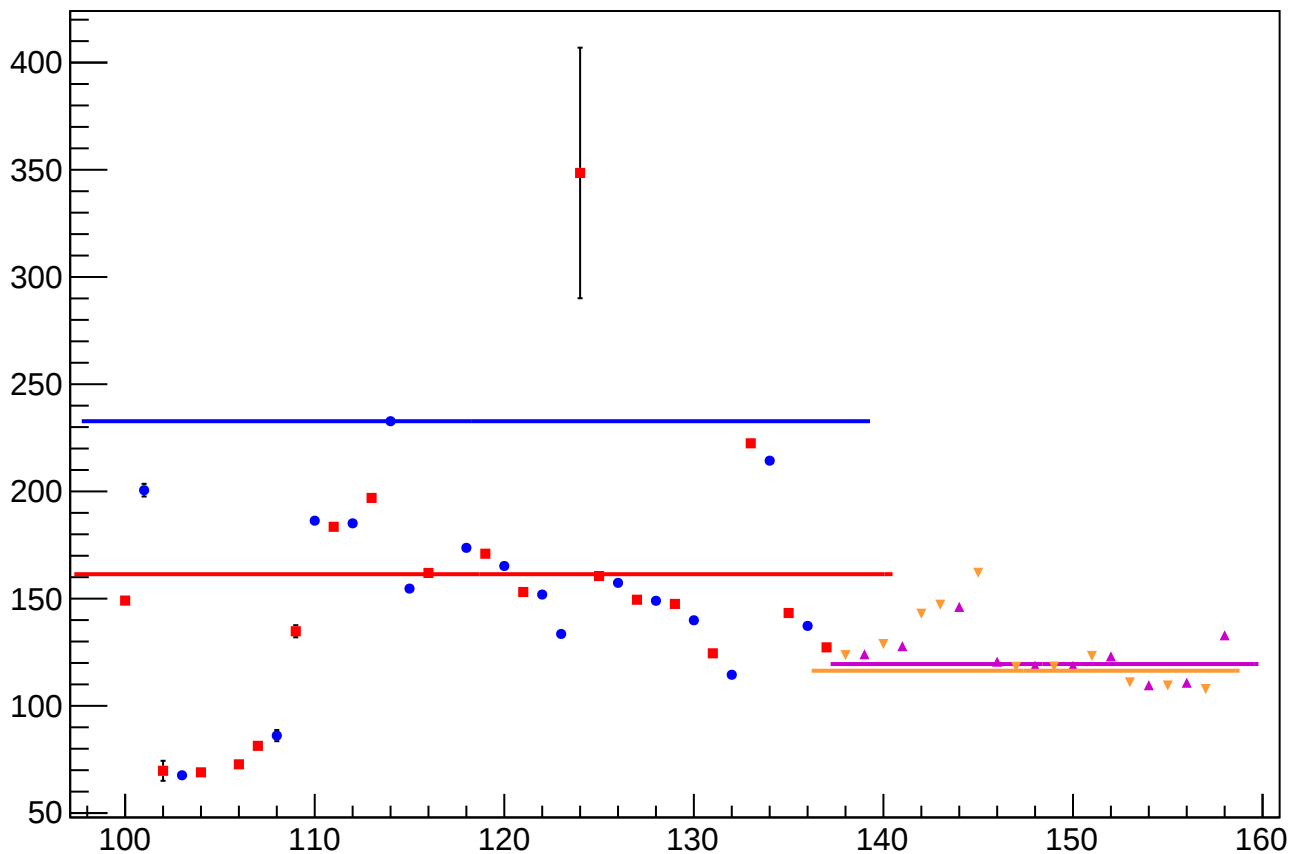
Left In: 6.213 ± 0.026 χ^2/NDF : 156818.3/9

+ sign -119.993 ± 0.000 χ^2/NDF : 14949053.6/27

All: 6.462 ± 0.000 χ^2/NDF : 96855847891730

- sign 6.562 ± 0.000 χ^2/NDF : 267722.6/28

dit_atr2_4eY_slope vs Slug



Right In: 232.747+/-0.000 χ^2/NDF : 885111.3/16

Left Out: 116.383+/-0.040 χ^2/NDF : 57620.0/10

Right Out: 161.402+/-0.086 χ^2/NDF : 158469.5/18

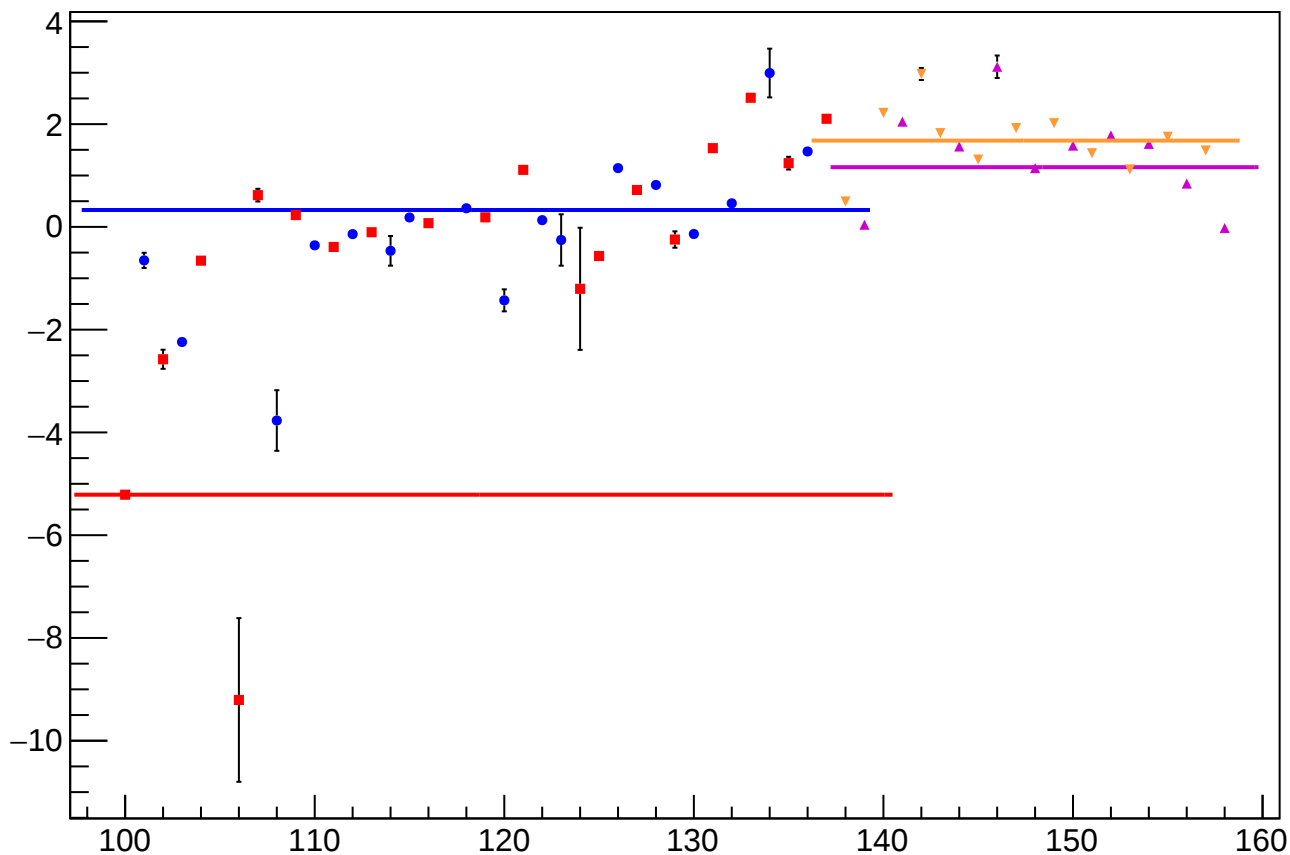
Left In: 119.503+/-0.033 χ^2/NDF : 64132.1/9

+ sign 232.747+/-0.000 χ^2/NDF : 9477464.6/27

All: 232.747+/-0.000 χ^2/NDF : 22292279.5/50

- sign 124.796+/-0.031 χ^2/NDF : 428569.0/28

dit_sam1_4aX_slope vs Slug



Right In: 0.329 ± 0.013 χ^2/NDF : 4100.2/16

Left Out: 1.679 ± 0.015 χ^2/NDF : 775.5/10

Right Out: -5.212 ± 0.000 χ^2/NDF : 500748.8/18

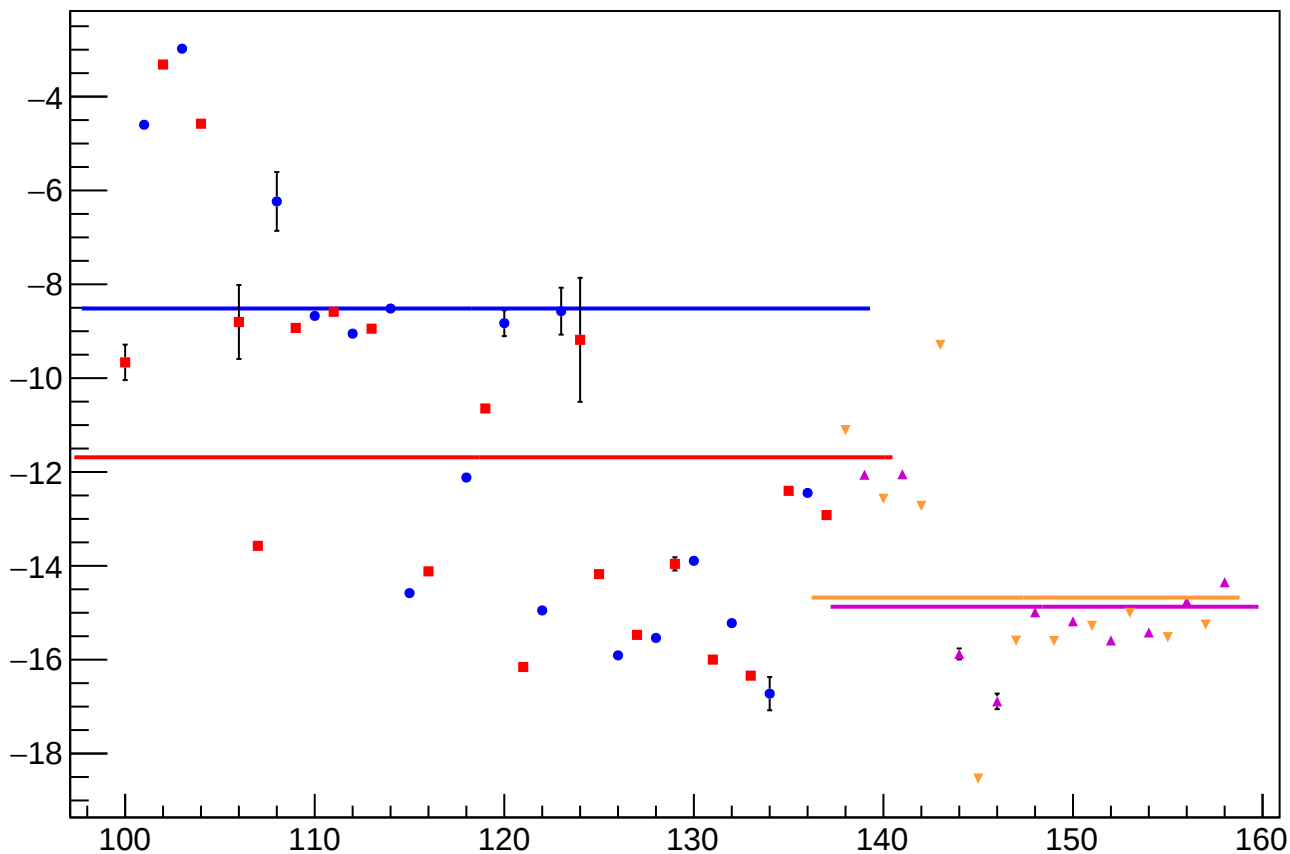
Left In: 1.162 ± 0.009 χ^2/NDF : 5834.2/9

+ sign 0.887 ± 0.010 χ^2/NDF : 9439.5/27

All: -5.212 ± 0.000 χ^2/NDF : 1365970.5/56

- sign -5.212 ± 0.000 χ^2/NDF : 972728.5/28

dit_sam1_4eX_slope vs Slug



Right In: -8.516 ± 0.000 χ^2/NDF : 245356.0/16

Left Out: -14.676 ± 0.012 χ^2/NDF : 28447.6/10

Right Out: -11.687 ± 0.012 χ^2/NDF : 108168.0/18

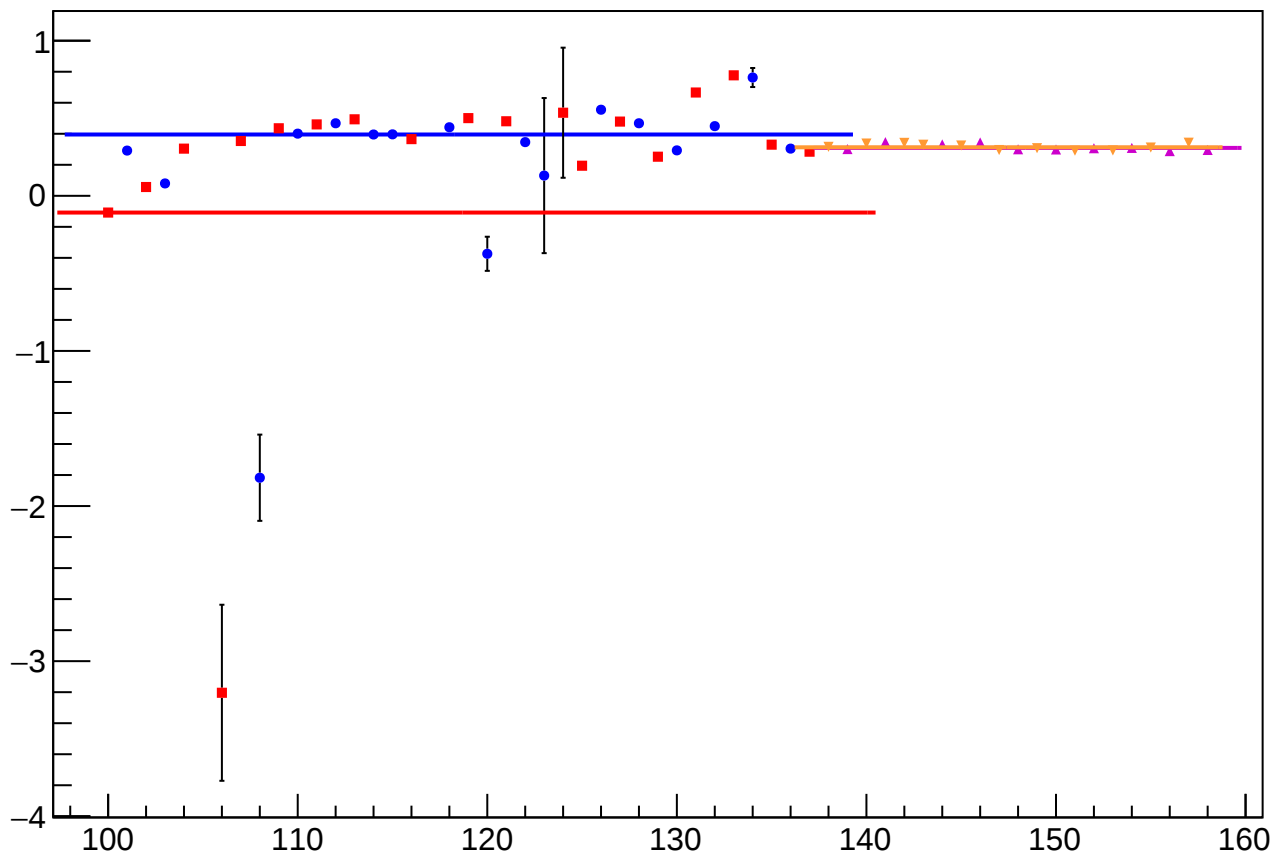
Left In: -14.871 ± 0.008 χ^2/NDF : 11335.0/9

+ sign -8.516 ± 0.000 χ^2/NDF : 518200.1/27

All: -8.516 ± 0.000 χ^2/NDF : 1271607.7/56

- sign -13.759 ± 0.007 χ^2/NDF : 168557.1/28

dit_sam1_11X12X_slope vs Slug



Right In: 0.395 ± 0.000 χ^2/NDF : 10311.3/16

Left Out: 0.313 ± 0.000 χ^2/NDF : 2403.7/10

Right Out: -0.108 ± 0.000 χ^2/NDF : 128250.0/18

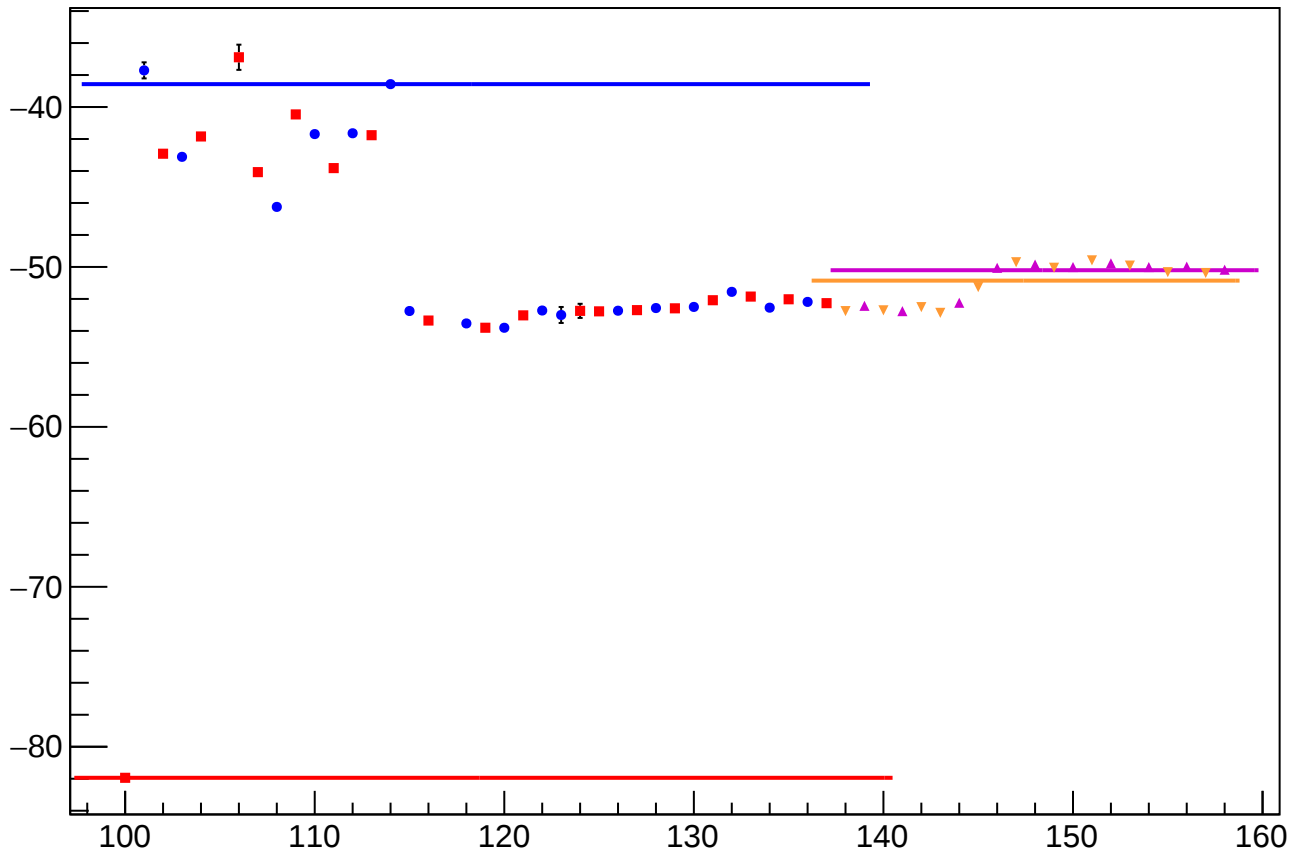
Left In: 0.309 ± 0.000 χ^2/NDF : 1883.7/9

+ sign 0.395 ± 0.000 χ^2/NDF : 60036.2/27

All: -0.056 ± 0.000 χ^2/NDF : 8110213490538

- sign -0.108 ± 0.000 χ^2/NDF : 1660349.5/28

dit_sam1_4aY_slope vs Slug



Right In: -38.570 ± 0.000 χ^2/NDF : 12311757.7/16

Left Out: -50.855 ± 0.003 χ^2/NDF : 200343.3/10

+ sign -38.570 ± 0.000 χ^2/NDF : 28722376.3/27

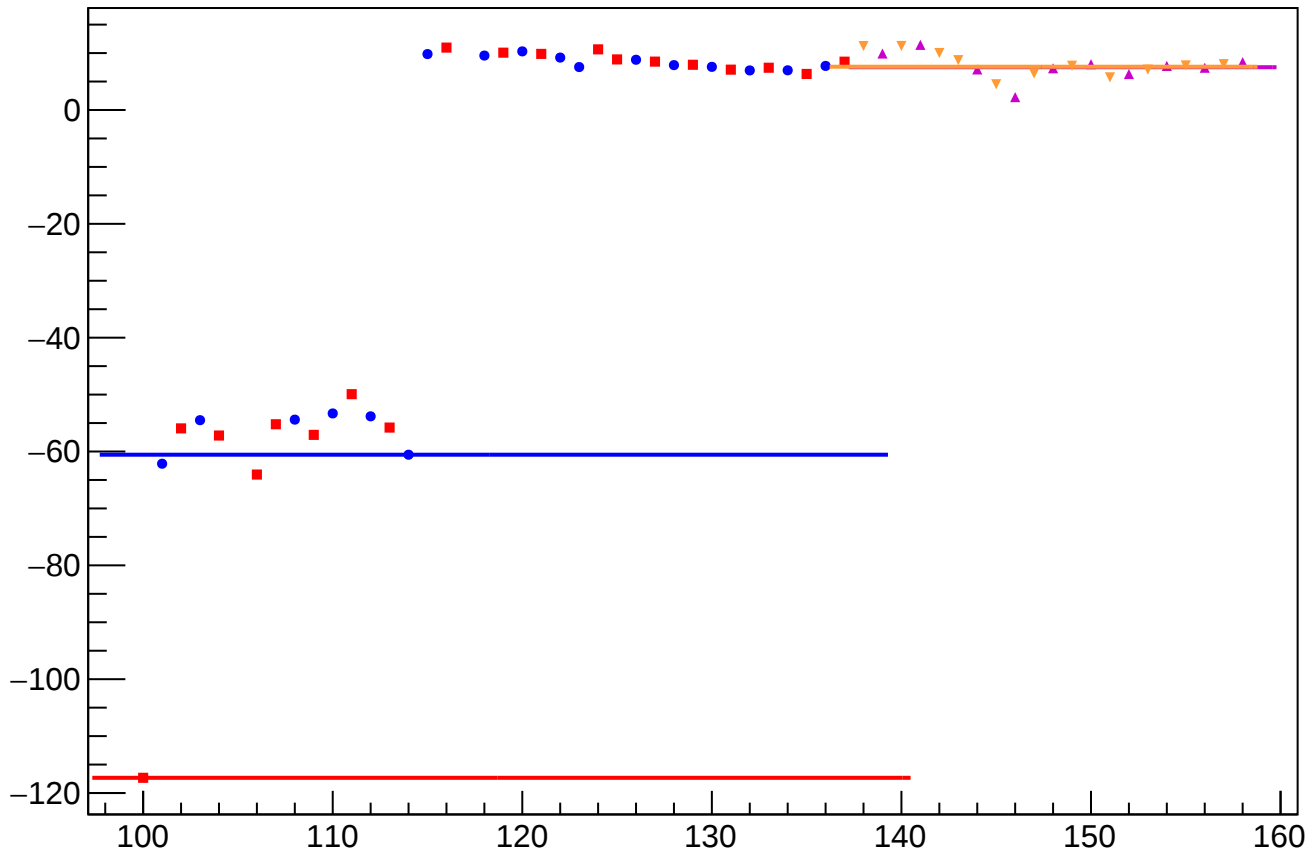
Right Out: -81.941 ± 0.000 χ^2/NDF : 120351577.0/18

All: -43.774 ± 0.000 χ^2/NDF : 491816286535

- sign -81.941 ± 0.000 χ^2/NDF : 451195198.5/28

Left In: -50.204 ± 0.002 χ^2/NDF : 154965.2/9

dit_sam1_4eY_slope vs Slug



Right In: -60.561 $\pm$ 0.000 χ^2 /NDF: 179199478.6/16

Left Out: 7.603 $\pm$ 0.006 χ^2 /NDF: 65426.8/10

+ sign -60.561 $\pm$ 0.000 χ^2 /NDF: 299383683.9/27

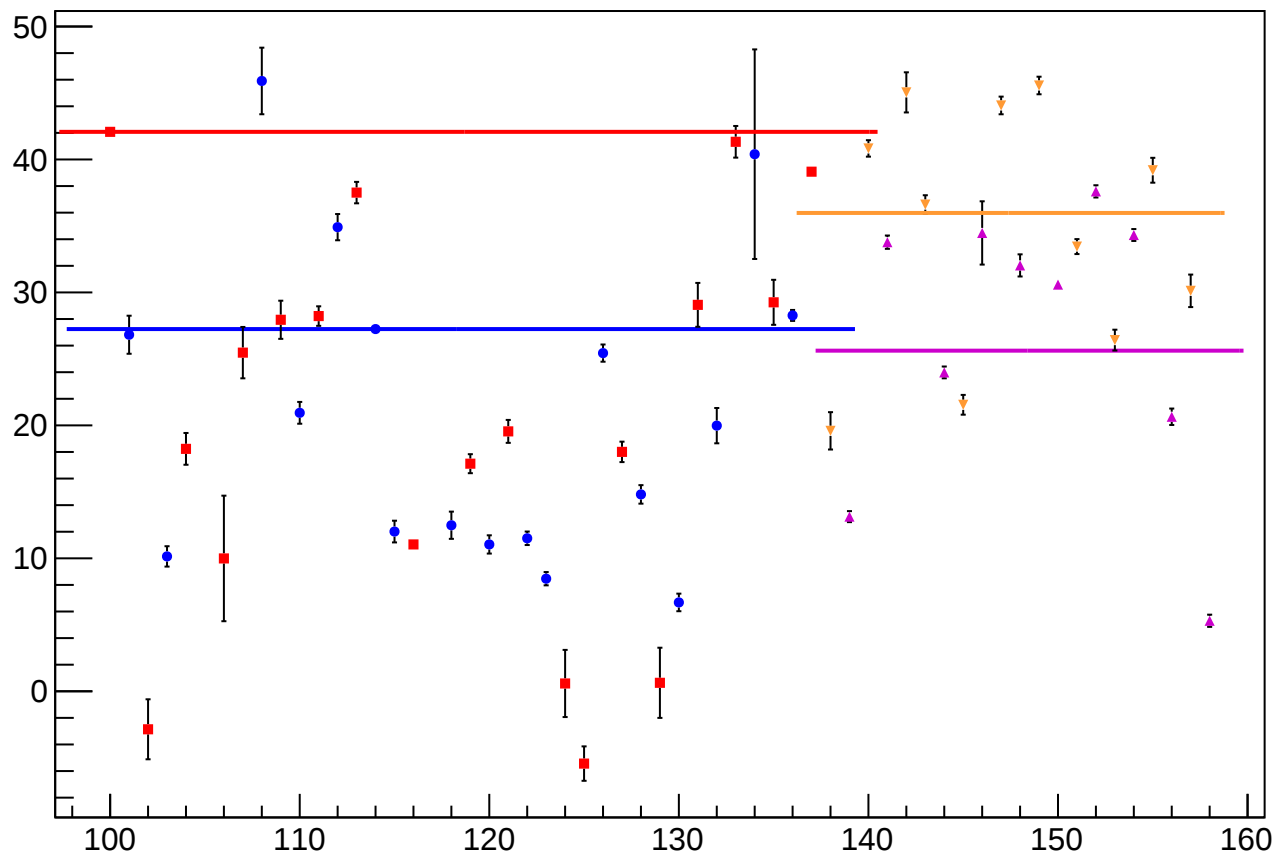
Right Out: -117.324 $\pm$ 0.000 χ^2 /NDF: 218537776.8/18

All: -91.839 $\pm$ 0.000 χ^2 /NDF: 429805156128

- sign -117.324 $\pm$ 0.000 χ^2 /NDF: 1280326338.9/28

Left In: 7.518 $\pm$ 0.004 χ^2 /NDF: 97213.7/9

dit_sam2_4aX_slope vs Slug



Right In: 27.244 $\pm$ 0.000 χ^2 /NDF: 5492.1/16

Left Out: 35.978 $\pm$ 0.232 χ^2 /NDF: 1173.4/10

Right Out: 42.078 $\pm$ 0.000 χ^2 /NDF: 38215.8/18

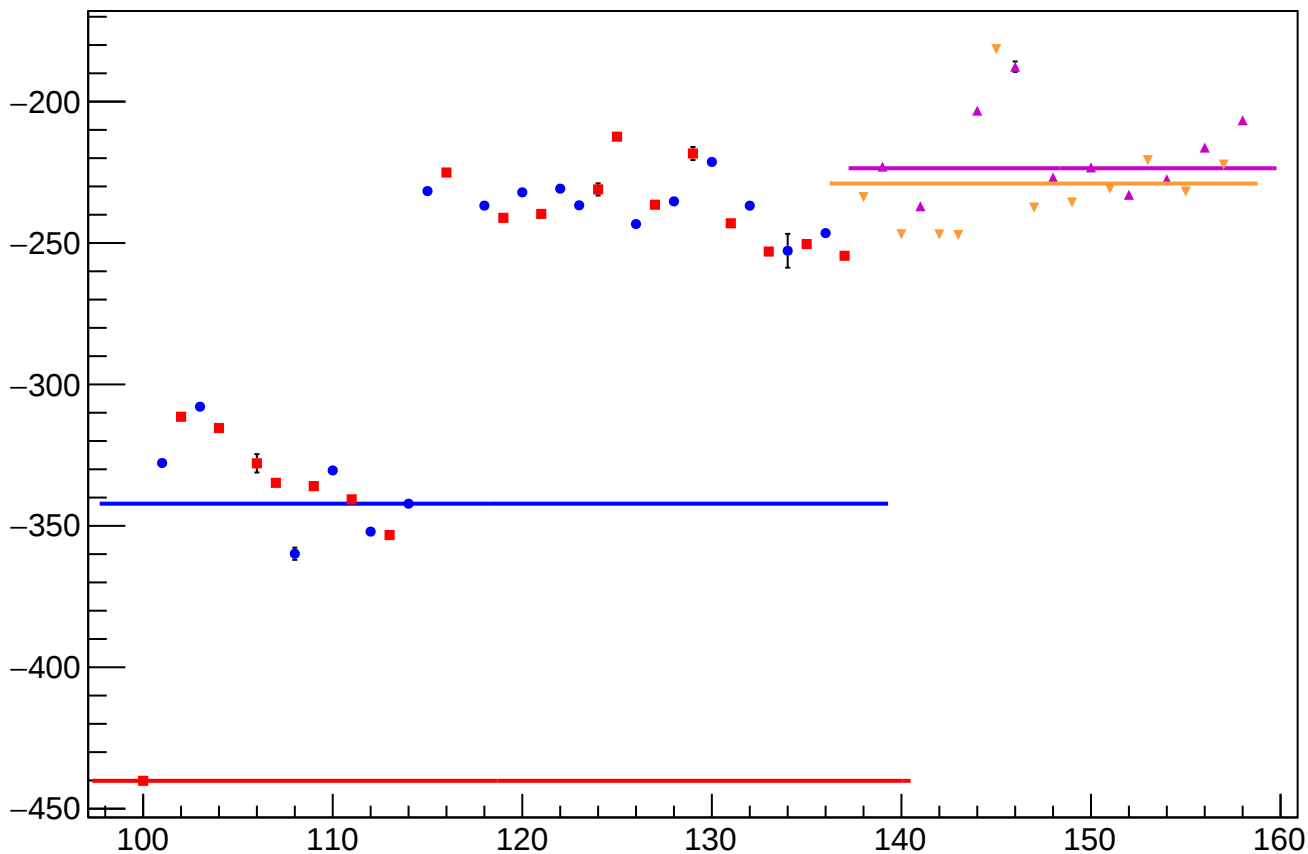
Left In: 25.620 $\pm$ 0.152 χ^2 /NDF: 4573.4/9

+ sign 27.244 $\pm$ 0.000 χ^2 /NDF: 8080.4/27

All: 35.418 $\pm$ 0.000 χ^2 /NDF: 117411719760

- sign 42.078 $\pm$ 0.000 χ^2 /NDF: 54465.5/28

dit_sam2_4eX_slope vs Slug



Right In: -342.165+/-0.000 χ^2/NDF : 307562.3/16

Left Out: -228.971+/-0.186 χ^2/NDF :10740.9/10

Right Out: -440.136+/-0.000 χ^2/NDF : 6836158.8/18

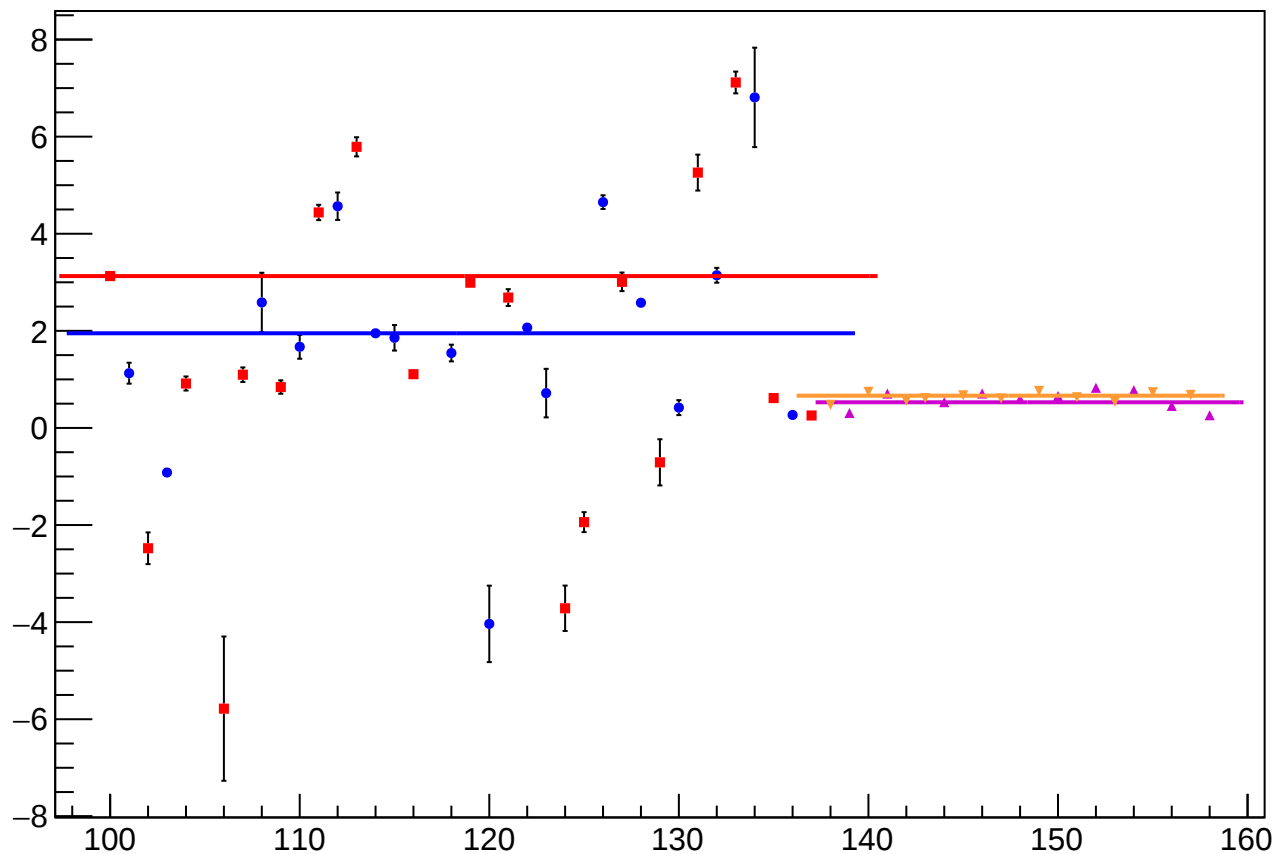
Left In: -223.558+/-0.133 χ^2/NDF :4498.7/9

+ sign -342.165+/-0.000 χ^2/NDF : 688730.4/27

All: -376.743+/-0.000 χ^2/NDF : 11532667116

- sign -440.136+/-0.000 χ^2/NDF : 9504553.7/28

dit_sam2_11X12X_slope vs Slug



Right In: 1.950 ± 0.000 χ^2/NDF : 64103.9/16

Left Out: 0.665 ± 0.003 χ^2/NDF : 577.5/10

Right Out: 3.128 ± 0.000 χ^2/NDF : 24965.4/18

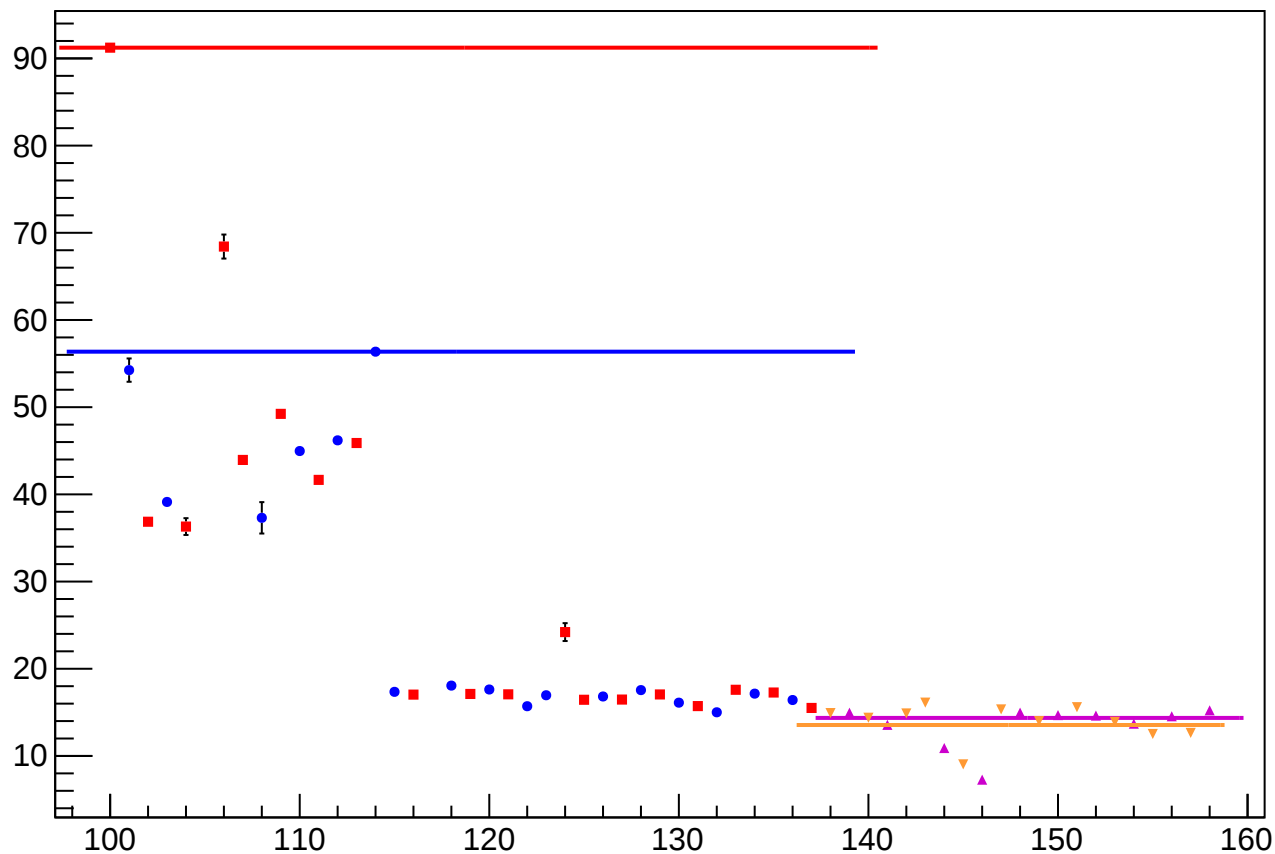
Left In: 0.528 ± 0.002 χ^2/NDF : 11417.1/9

+ sign 1.950 ± 0.000 χ^2/NDF : 222635.4/27

All: 2.366 ± 0.000 χ^2/NDF : 27324586822992

- sign 3.128 ± 0.000 χ^2/NDF : 1469202.3/28

dit_sam2_4aY_slope vs Slug



Right In: 56.366+/-0.000 χ^2/NDF : 8017656.1/16

Left Out: 13.549+/-0.013 χ^2/NDF : 42787.5/10

Right Out: 91.232+/-0.000 χ^2/NDF : 17922403.4/18

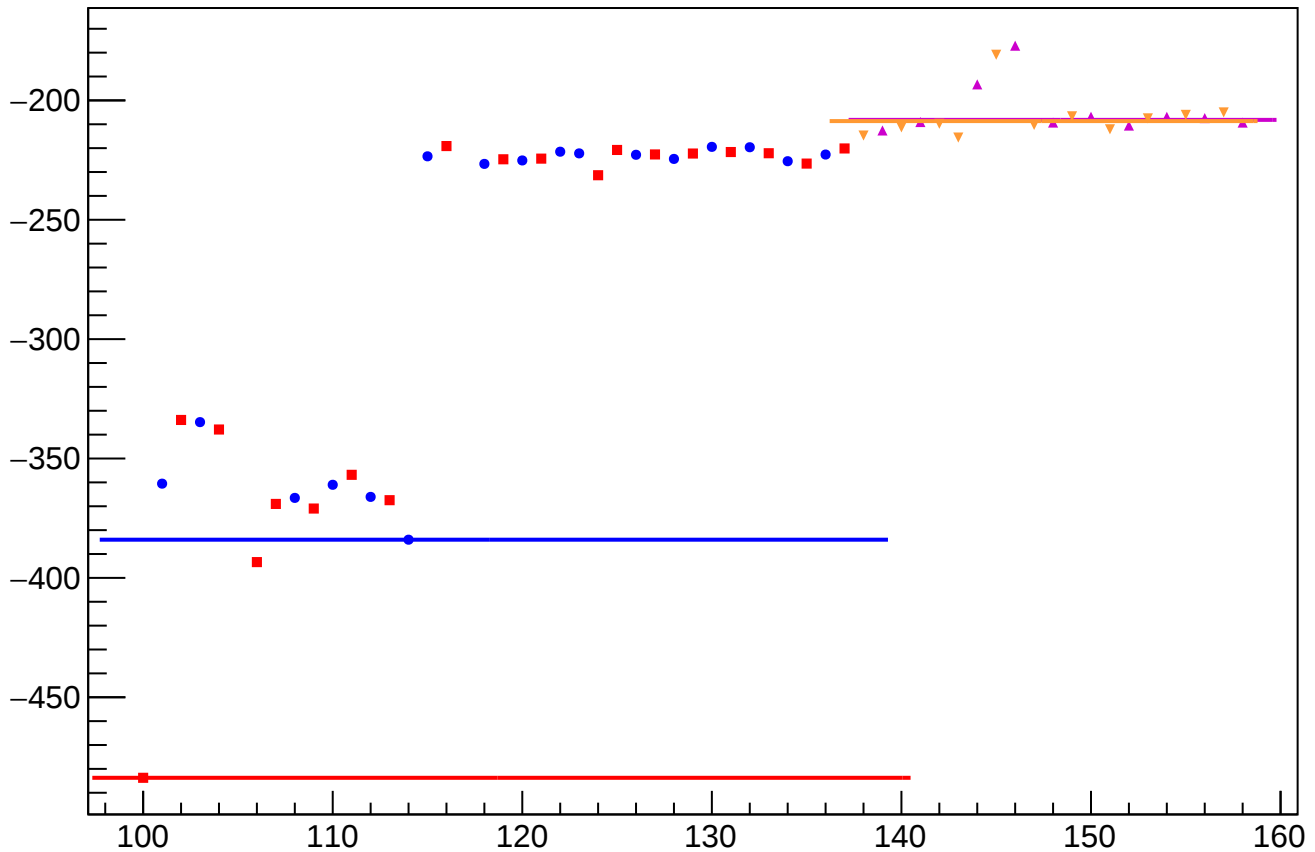
Left In: 14.362+/-0.010 χ^2/NDF : 8090.1/9

+ sign 56.366+/-0.000 χ^2/NDF : 19343367.1/27

All: 60.550+/-0.000 χ^2/NDF : 3178336126771

- sign 91.232+/-0.000 χ^2/NDF : 72156885.7/28

dit_sam2_4eY_slope vs Slug



Right In: -384.003+/-0.000 χ^2/NDF : 17098507.2/16

Left Out: -208.667+/-0.022 χ^2/NDF : 73824.0/10

+ sign -384.003+/-0.000 χ^2/NDF : 80742923.3/27

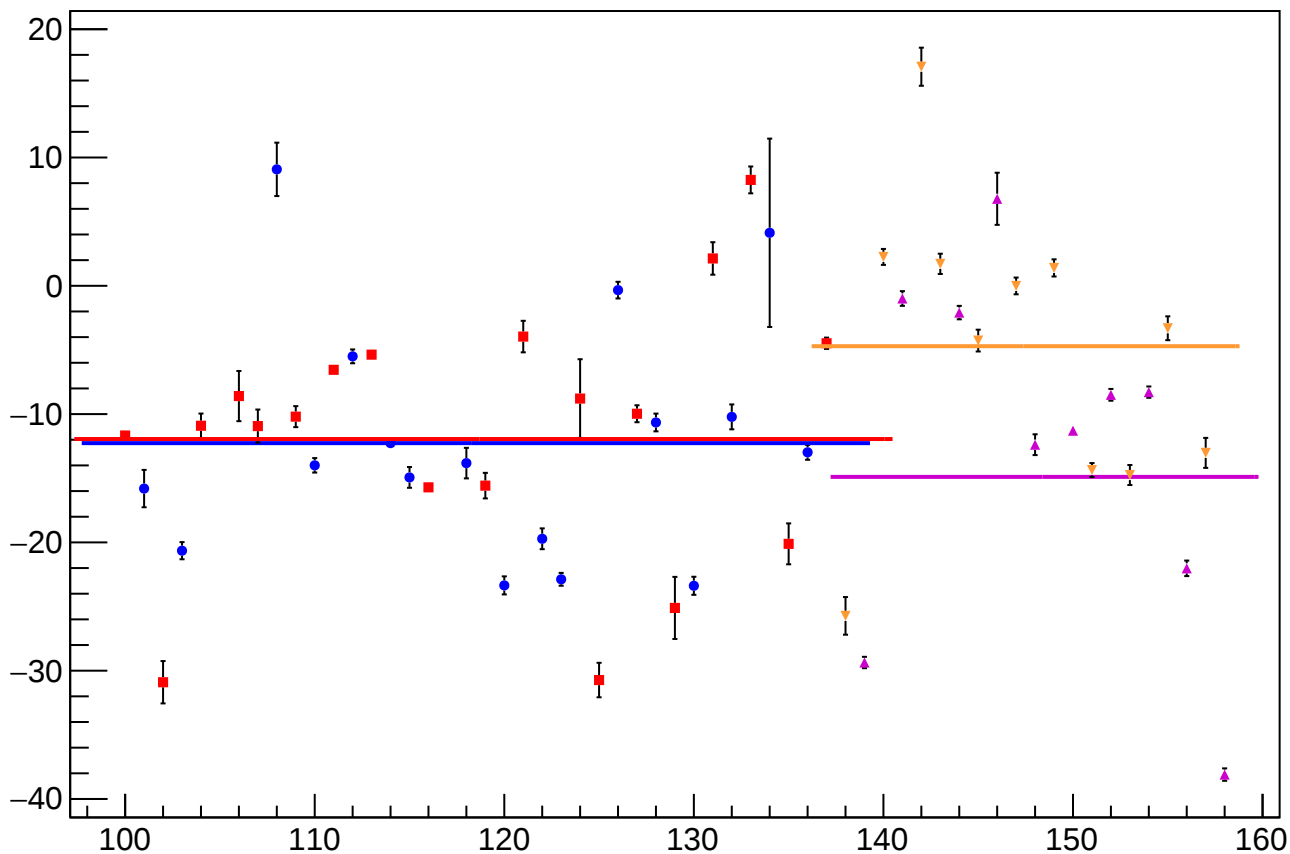
Right Out: -483.735+/-0.000 χ^2/NDF : 27646775.0/18

All: -452.390+/-0.000 χ^2/NDF : 58047820362

- sign -483.735+/-0.000 χ^2/NDF : 231409821.4/28

Left In: -208.159+/-0.019 χ^2/NDF : 14329.3/9

dit_sam3_4aX_slope vs Slug



Right In: -12.264 ± 0.000 χ^2/NDF : 1844.2/16

Left Out: -4.708 ± 0.236 χ^2/NDF : 1280.7/10

Right Out: -11.943 ± 0.108 χ^2/NDF : 2527.1/18

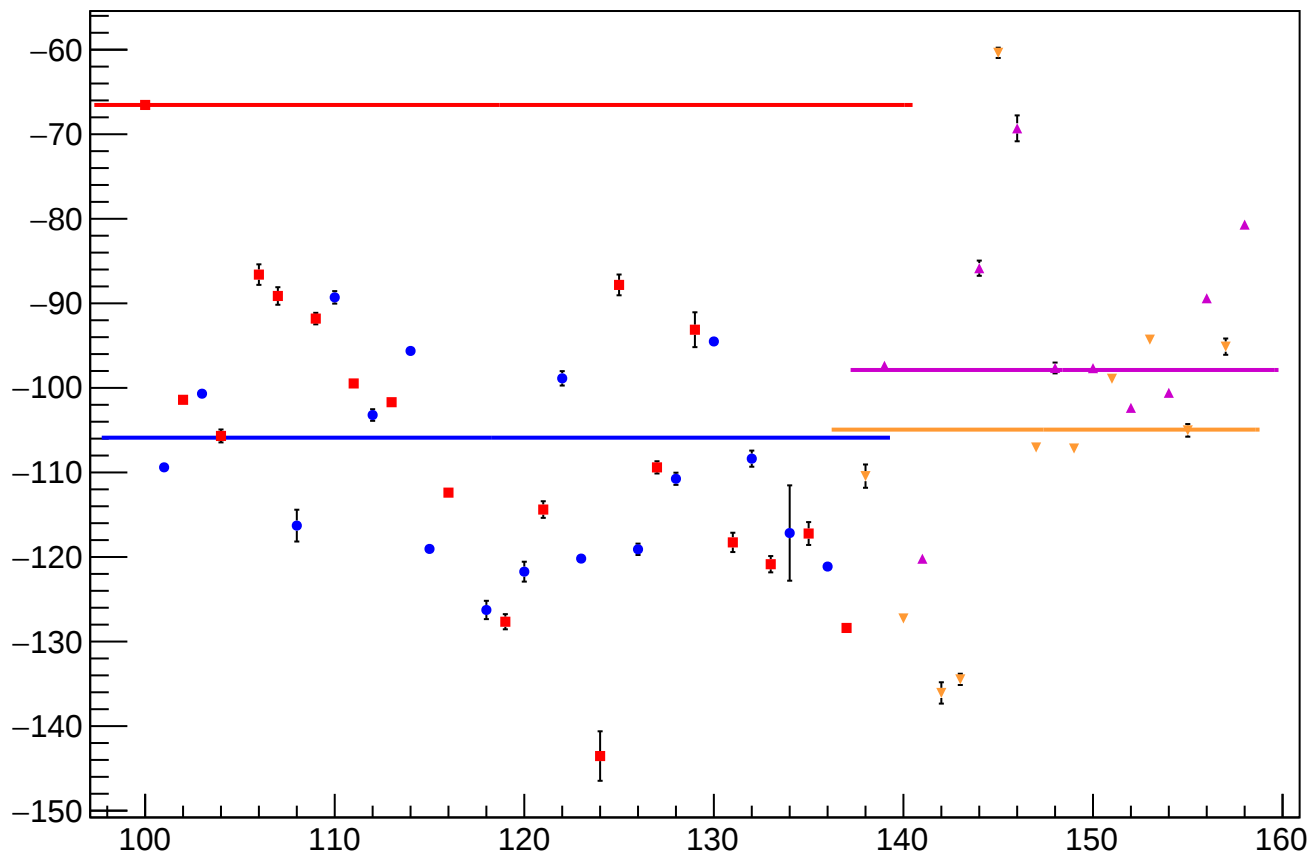
Left In: -14.894 ± 0.161 χ^2/NDF : 5331.3/9

+ sign -12.264 ± 0.000 χ^2/NDF : 4151.7/27

All: -12.264 ± 0.000 χ^2/NDF : 12285.9/56

- sign -12.857 ± 0.090 χ^2/NDF : 8090.3/28

dit_sam3_4eX_slope vs Slug



Right In: -105.886+/-0.108 χ^2/NDF : 6351.6/16

Left Out: -104.934+/-0.186 χ^2/NDF :10744.0/10

Right Out: -66.536+/-0.000 χ^2/NDF : 794335.4/18

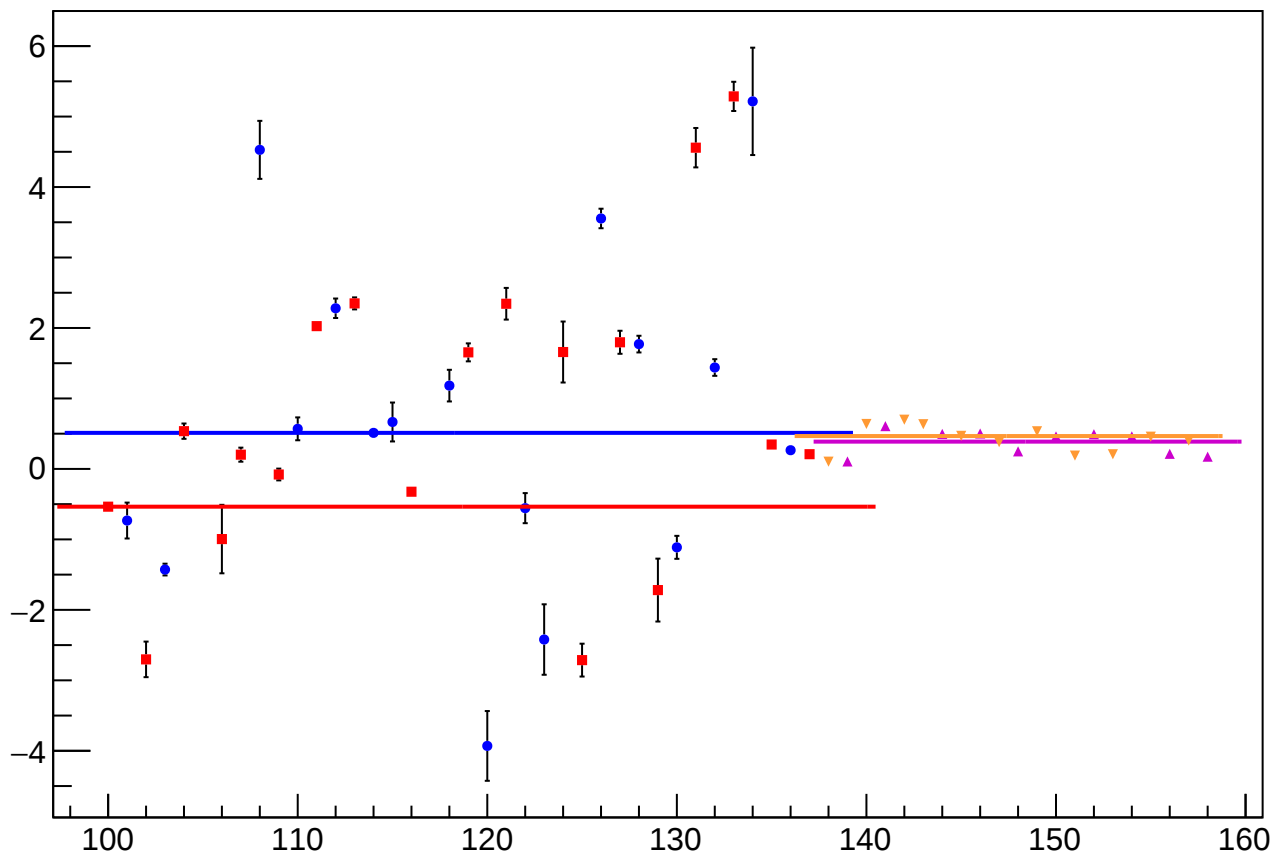
Left In: -97.880+/-0.136 χ^2/NDF :4840.0/9

+ sign -105.648+/-0.093 χ^2/NDF : 17115.3/27

All: -66.536+/-0.000 χ^2/NDF : 1045937.5/56

- sign -66.536+/-0.000 χ^2/NDF : 852225.5/28

dit_sam3_11X12X_slope vs Slug



Right In: 0.512 ± 0.000 χ^2/NDF : 3863.6/16

Left Out: 0.466 ± 0.004 χ^2/NDF : 2118.0/10

Right Out: -0.536 ± 0.000 χ^2/NDF : 33055.3/18

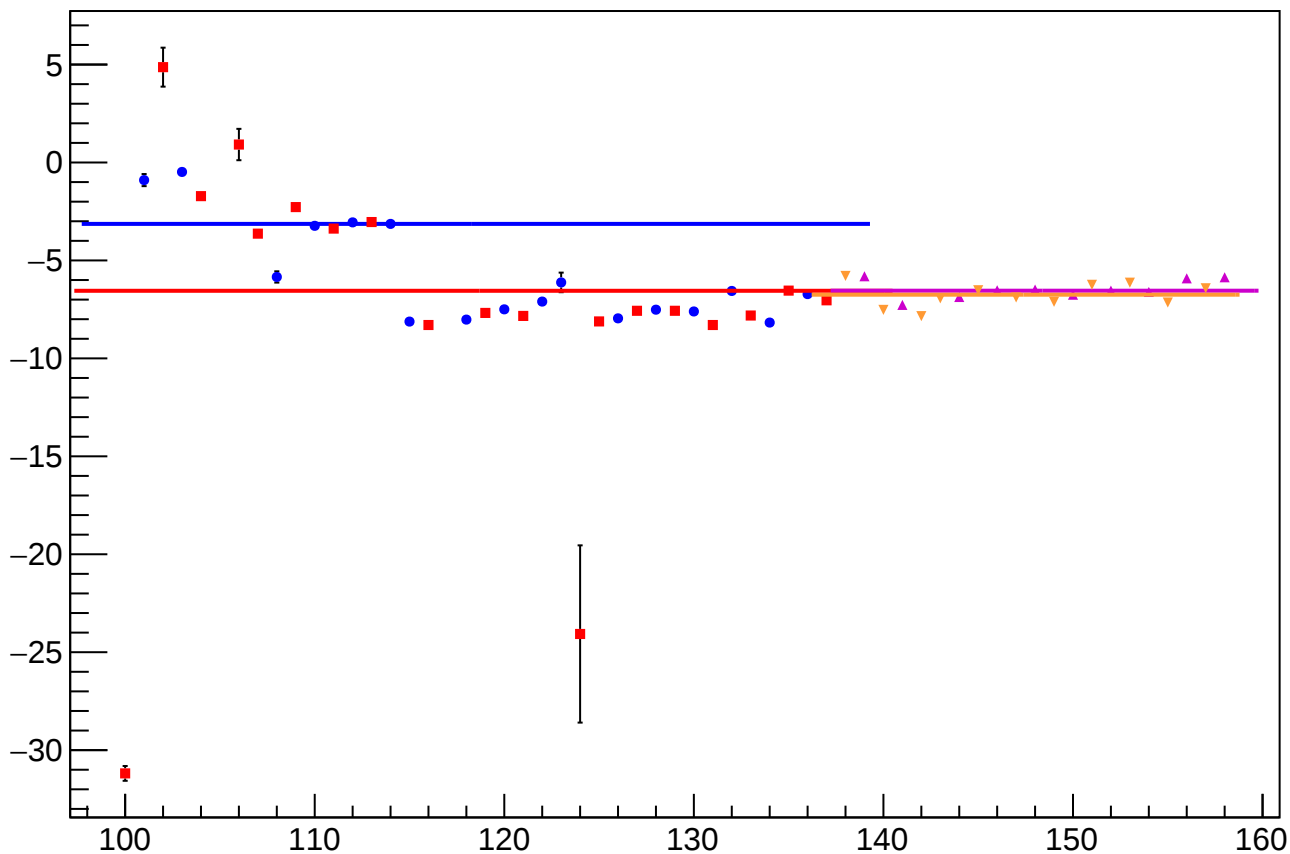
Left In: 0.387 ± 0.002 χ^2/NDF : 6378.3/9

+ sign 0.512 ± 0.000 χ^2/NDF : 6142.9/27

All: 0.142 ± 0.000 χ^2/NDF : 34560328403056

- sign -0.536 ± 0.000 χ^2/NDF : 207293.0/28

dit_sam3_4aY_slope vs Slug



Right In: -3.134 ± 0.000 χ^2/NDF : 368547.6/16

Left Out: -6.749 ± 0.009 χ^2/NDF : 2373.2/10

Right Out: -6.549 ± 0.008 χ^2/NDF : 92207.3/18

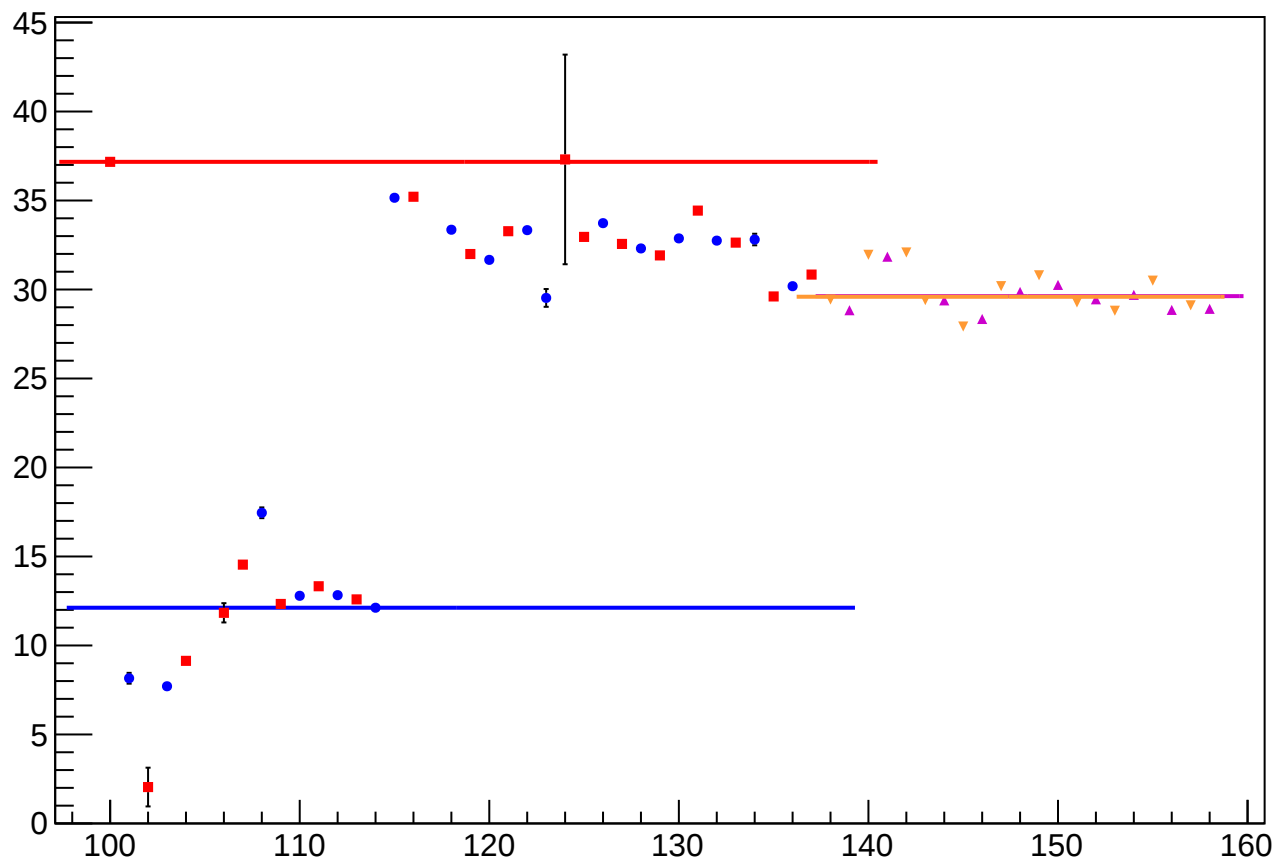
Left In: -6.545 ± 0.007 χ^2/NDF : 4628.2/9

+ sign -3.134 ± 0.000 χ^2/NDF : 532639.9/27

All: -3.134 ± 0.000 χ^2/NDF : 1100015.7/56

- sign -6.547 ± 0.005 χ^2/NDF : 96835.6/28

dit_sam3_4eY_slope vs Slug



Right In: 12.121+/-0.000 χ^2/NDF : 1993680.8/16

Left Out: 29.594+/-0.015 χ^2/NDF : 7044.1/10

Right Out: 37.173+/-0.000 χ^2/NDF : 1531278.0/18

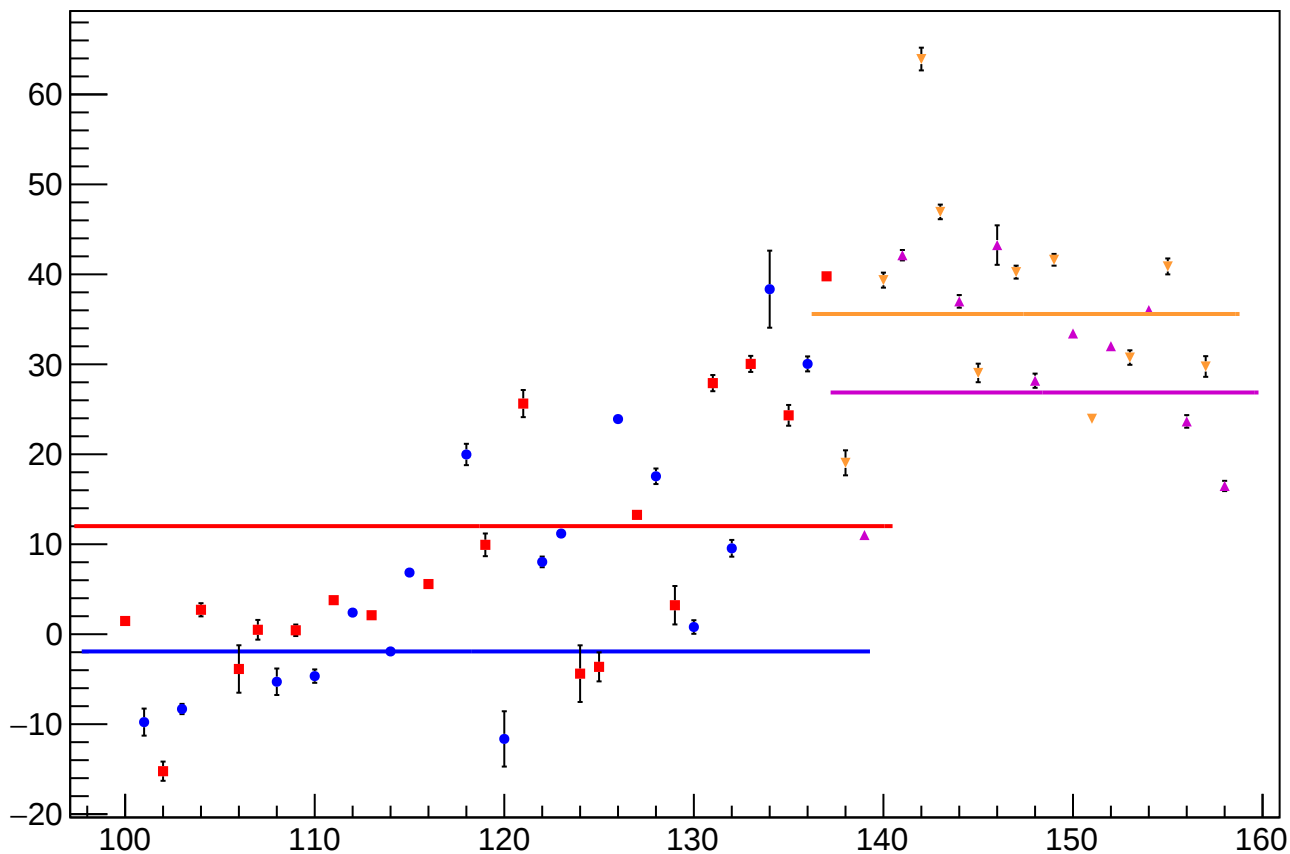
Left In: 29.627+/-0.012 χ^2/NDF : 2765.9/9

+ sign 12.121+/-0.000 χ^2/NDF : 3312751.4/27

All: 15.127+/-0.000 χ^2/NDF : 656355411606

- sign 37.173+/-0.000 χ^2/NDF : 1912971.9/28

dit_sam4_4aX_slope vs Slug



Right In: -1.915 ± 0.000 χ^2/NDF : 6338.8/16

Left Out: 35.594 ± 0.245 χ^2/NDF : 1632.6/10

Right Out: 12.014 ± 0.135 χ^2/NDF : 12576.1/18

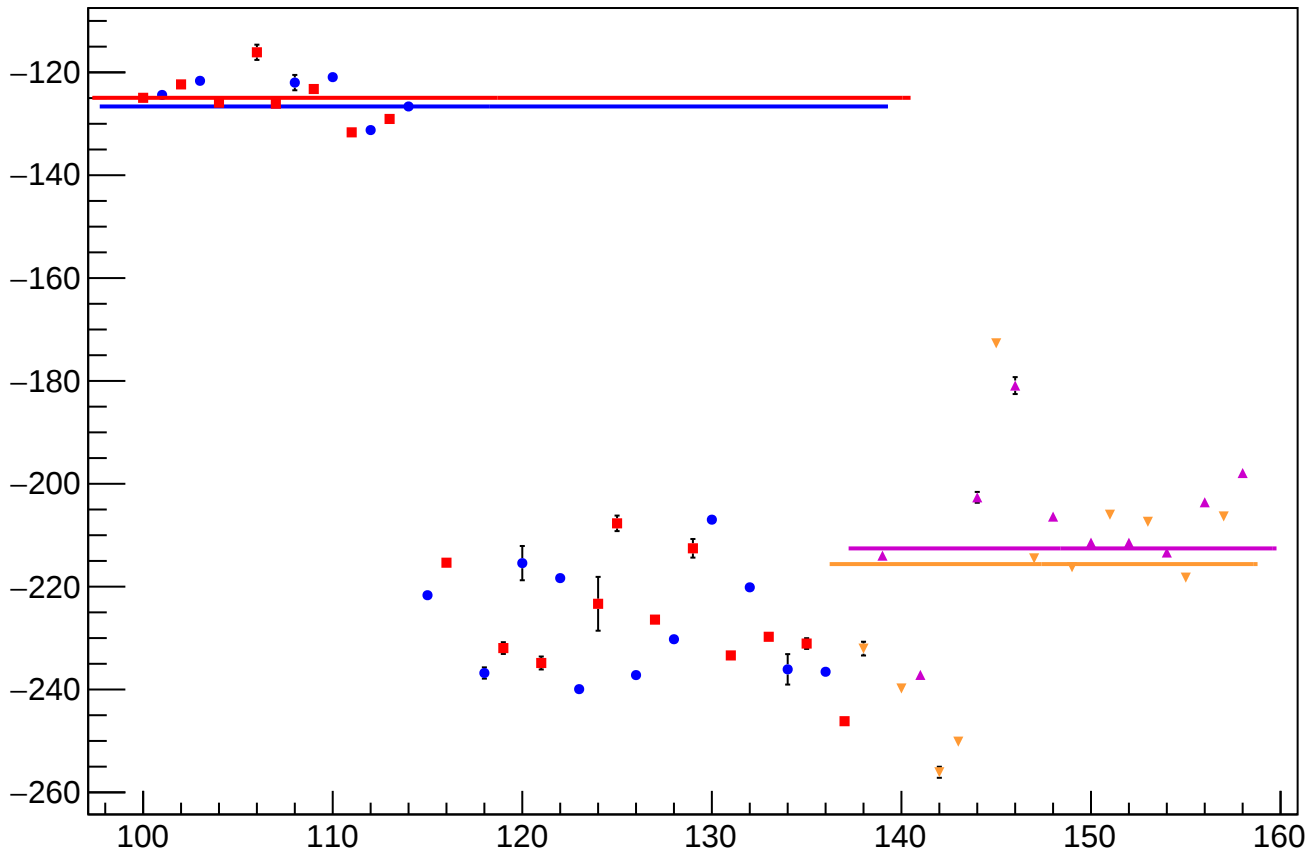
Left In: 26.868 ± 0.161 χ^2/NDF : 4611.7/9

+ sign -1.915 ± 0.000 χ^2/NDF : 31343.5/27

All: -1.915 ± 0.000 χ^2/NDF : 91147.6/56

- sign 18.159 ± 0.103 χ^2/NDF : 22183.9/28

dit_sam4_4eX_slope vs Slug



Right In: -126.632 ± 0.000 $\chi^2/\text{NDF}: 278525.1/16$

Left Out: -215.612 ± 0.197 $\chi^2/\text{NDF}: 9742.7/10$

Right Out: -124.949 ± 0.000 $\chi^2/\text{NDF}: 470459.3/18$

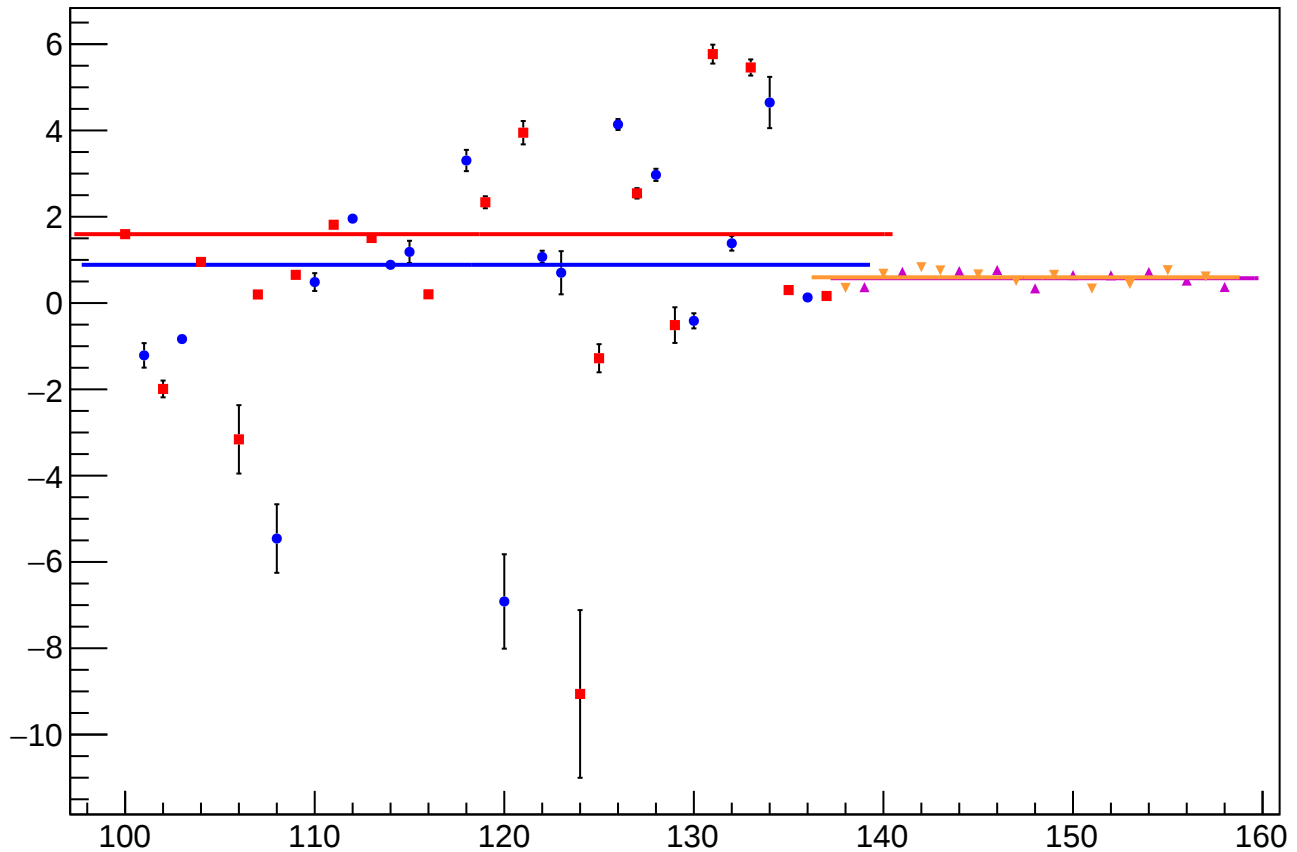
Left In: -212.566 ± 0.135 $\chi^2/\text{NDF}: 4650.2/9$

+ sign -126.632 ± 0.000 $\chi^2/\text{NDF}: 491411.1/27$

All: -126.038 ± 0.000 $\chi^2/\text{NDF}: 60537895424$

- sign -124.949 ± 0.000 $\chi^2/\text{NDF}: 899410.5/28$

dit_sam4_11X12X_slope vs Slug



Right In: 0.886 ± 0.000 $\chi^2/\text{NDF}: 9294.4/16$

Left Out: 0.597 ± 0.004 $\chi^2/\text{NDF}: 1525.0/10$

Right Out: 1.597 ± 0.000 $\chi^2/\text{NDF}: 4615.5/18$

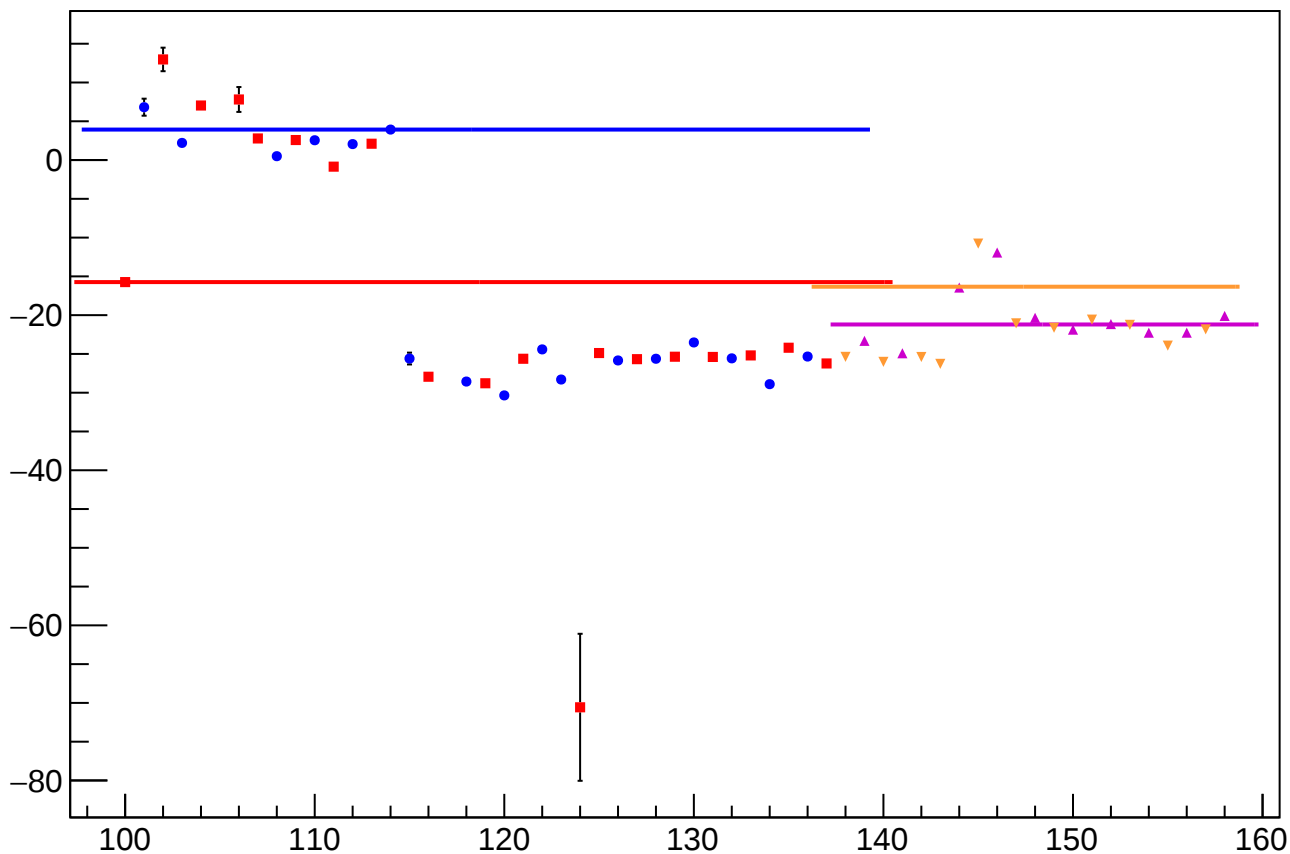
Left In: 0.575 ± 0.003 $\chi^2/\text{NDF}: 2651.0/9$

+ sign 0.886 ± 0.000 $\chi^2/\text{NDF}: 16181.2/27$

All: 1.137 ± 0.000 $\chi^2/\text{NDF}: 3973760473708$

- sign 1.597 ± 0.000 $\chi^2/\text{NDF}: 127657.0/28$

dit_sam4_4aY_slope vs Slug



Right In: 3.930 ± 0.000 χ^2/NDF : 6140834.2/16

Left Out: -16.333 ± 0.019 χ^2/NDF : 105956.6/10

Right Out: -15.737 ± 0.000 χ^2/NDF : 267951.2/18

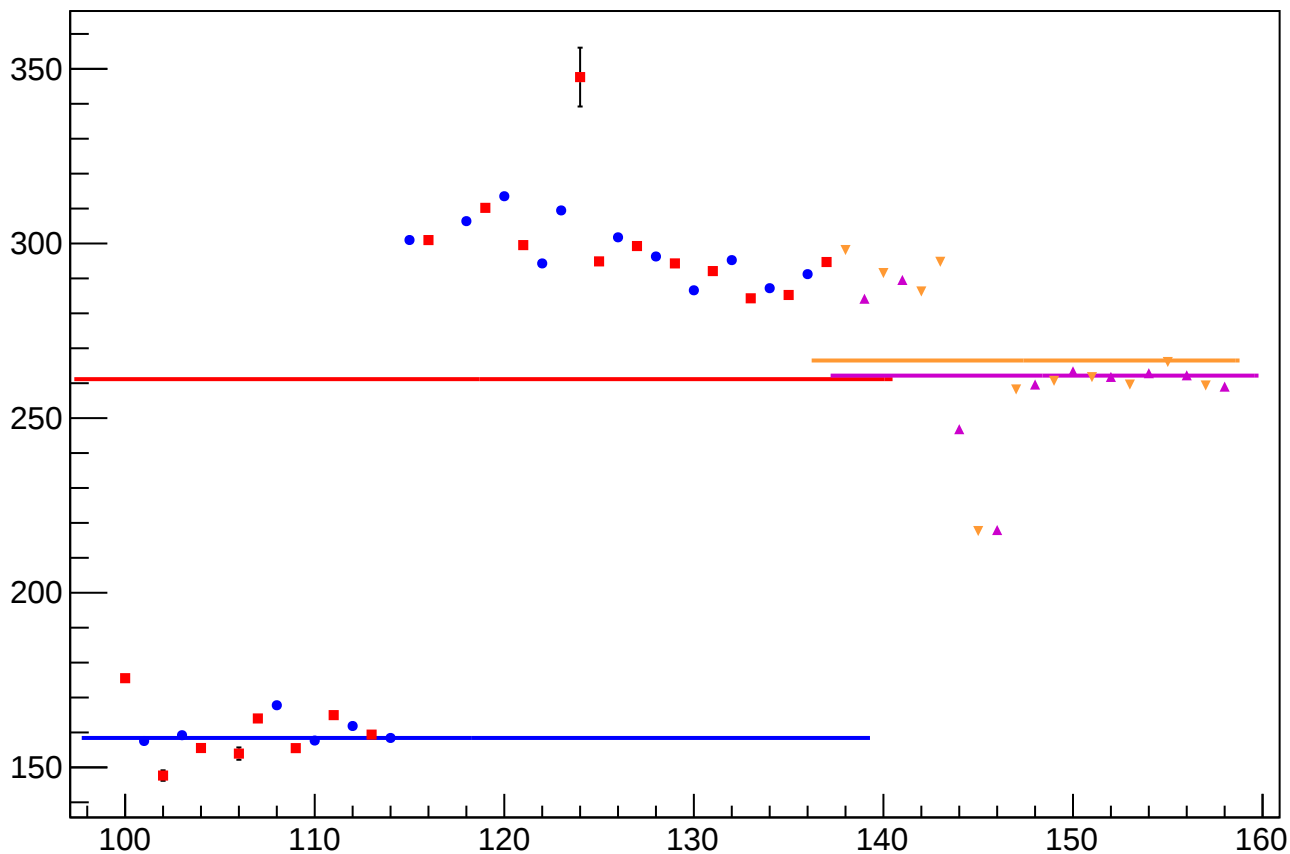
Left In: -21.202 ± 0.019 χ^2/NDF : 9376.5/9

+ sign 3.930 ± 0.000 χ^2/NDF : 7375853.7/27

All: 3.282 ± 0.000 χ^2/NDF : 71120480173548

- sign -15.737 ± 0.000 χ^2/NDF : 359225.3/28

dit_sam4_4eY_slope vs Slug



Right In: 158.426 ± 0.000 χ^2/NDF : 3516706.2/16

Left Out: 266.498 ± 0.046 χ^2/NDF : 193555.7/10

Right Out: 261.159 ± 0.058 χ^2/NDF : 1071248.7/18

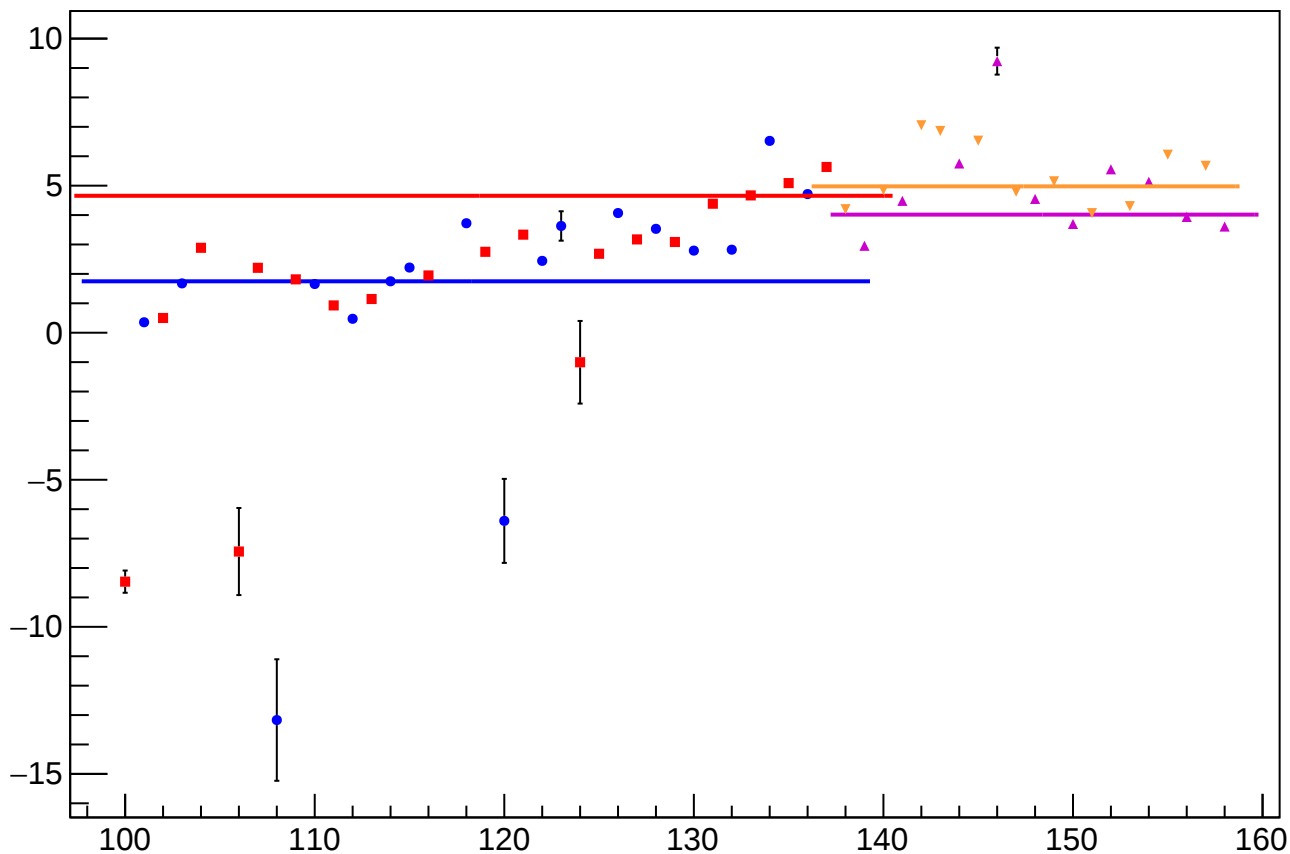
Left In: 262.170 ± 0.037 χ^2/NDF : 35682.4/9

+ sign 158.426 ± 0.000 χ^2/NDF : 9201817.7/27

All: 158.426 ± 0.000 χ^2/NDF : 21214724.9/50

- sign 261.879 ± 0.031 χ^2/NDF : 1107144.8/28

dit_sam5_4aX_slope vs Slug



Right In: 1.748 $\pm$ 0.000 χ^2 /NDF: 11344.3/16

Left Out: 4.976 $\pm$ 0.018 χ^2 /NDF:1556.9/10

Right Out: 4.656 $\pm$ 0.006 χ^2 /NDF: 68303.7/18

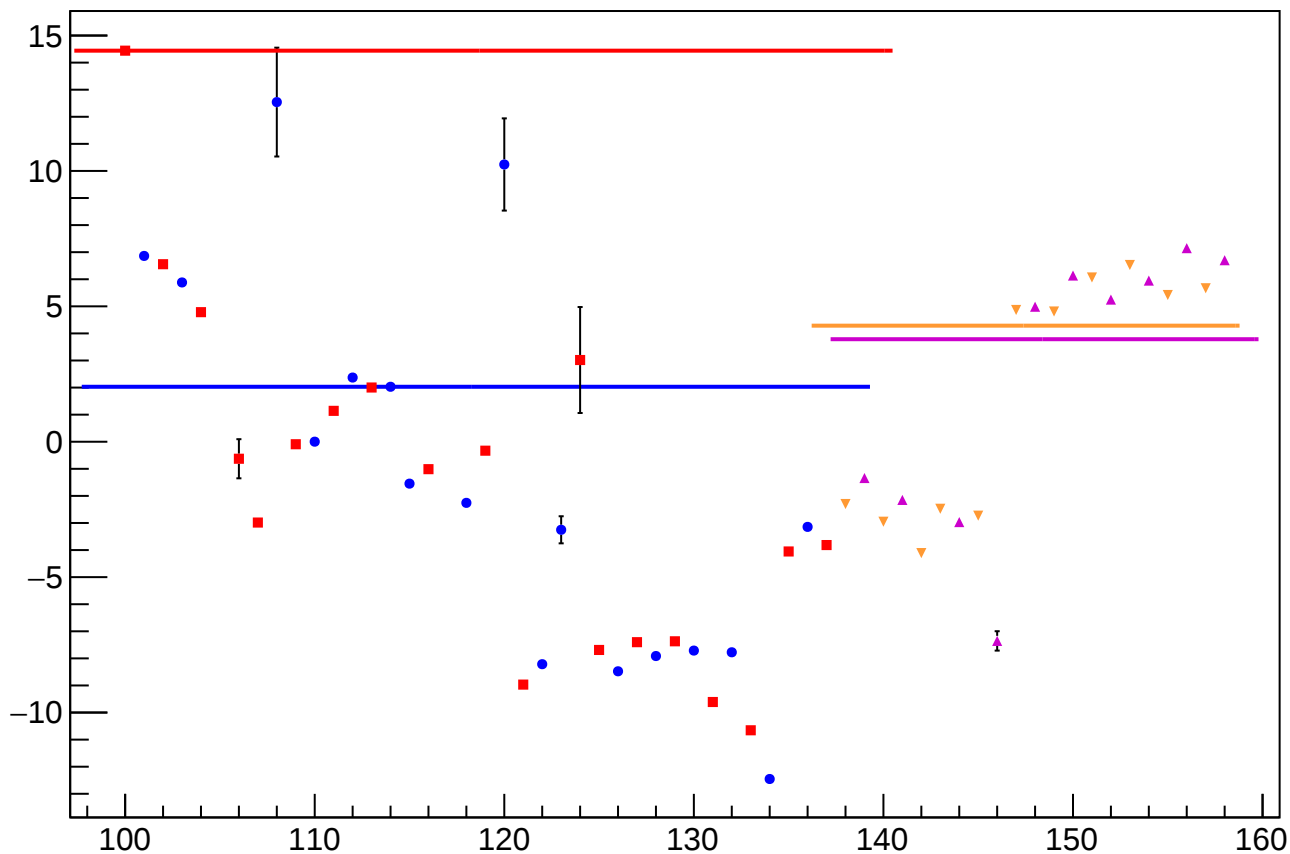
Left In: 4.016 $\pm$ 0.017 χ^2 /NDF:2380.1/9

+ sign 1.748 $\pm$ 0.000 χ^2 /NDF: 45089.5/27

All: 1.748 $\pm$ 0.000 χ^2 /NDF: 341639.4/56

- sign 4.581 $\pm$ 0.006 χ^2 /NDF: 71866.1/28

dit_sam5_4eX_slope vs Slug



Right In: 2.030 $\pm$ 0.000 χ^2 /NDF: 202792.6/16

Left Out: 4.286 $\pm$ 0.015 χ^2 /NDF: 36917.9/10

Right Out: 14.441 $\pm$ 0.000 χ^2 /NDF: 5836025.9/18

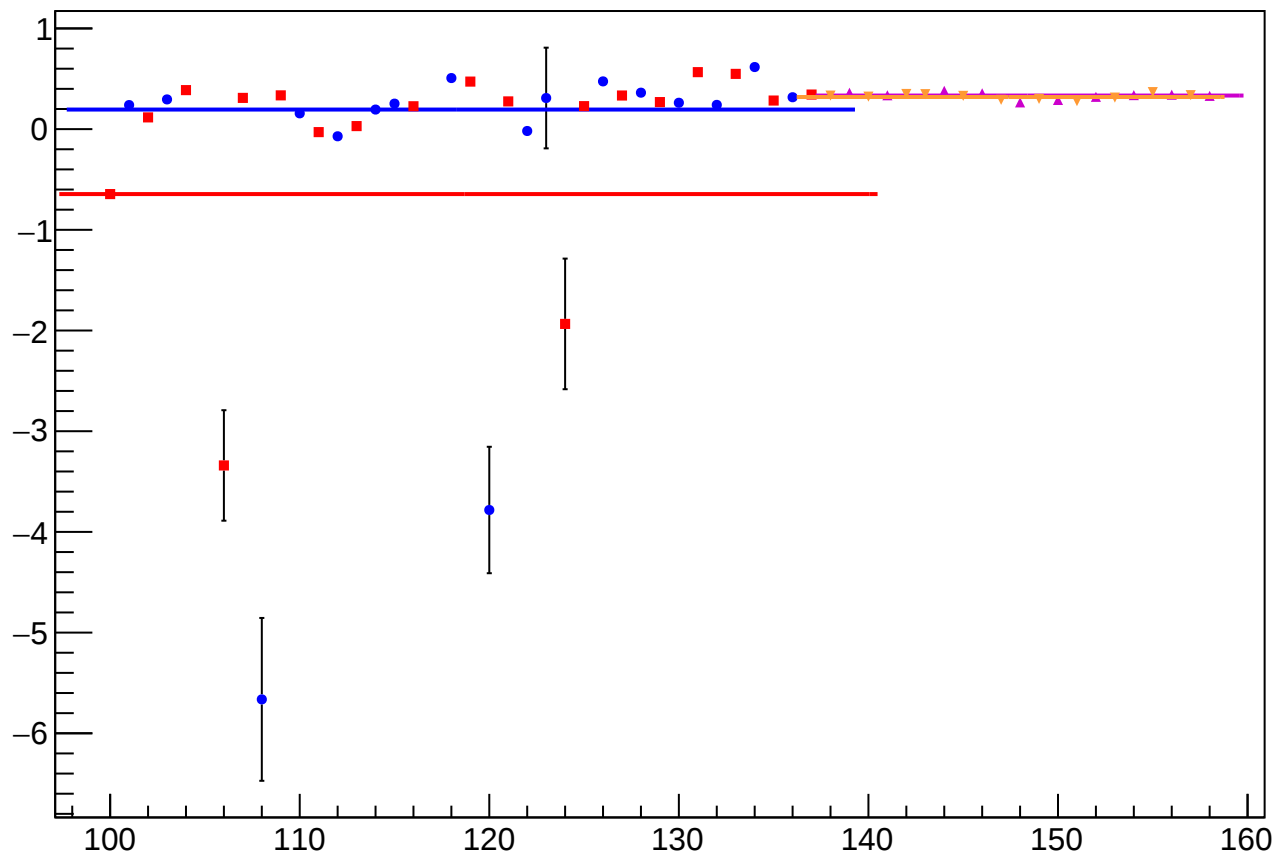
Left In: 3.786 $\pm$ 0.015 χ^2 /NDF: 58934.5/9

+ sign 2.030 $\pm$ 0.000 χ^2 /NDF: 263265.8/27

All: 2.439 $\pm$ 0.000 χ^2 /NDF: 7081114534903

- sign 14.441 $\pm$ 0.000 χ^2 /NDF: 6382776.3/28

dit_sam5_11X12X_slope vs Slug



Right In: 0.194 ± 0.000 χ^2/NDF : 9617.3/16

Left Out: 0.319 ± 0.001 χ^2/NDF : 1081.6/10

Right Out: -0.645 ± 0.000 χ^2/NDF : 191963.2/18

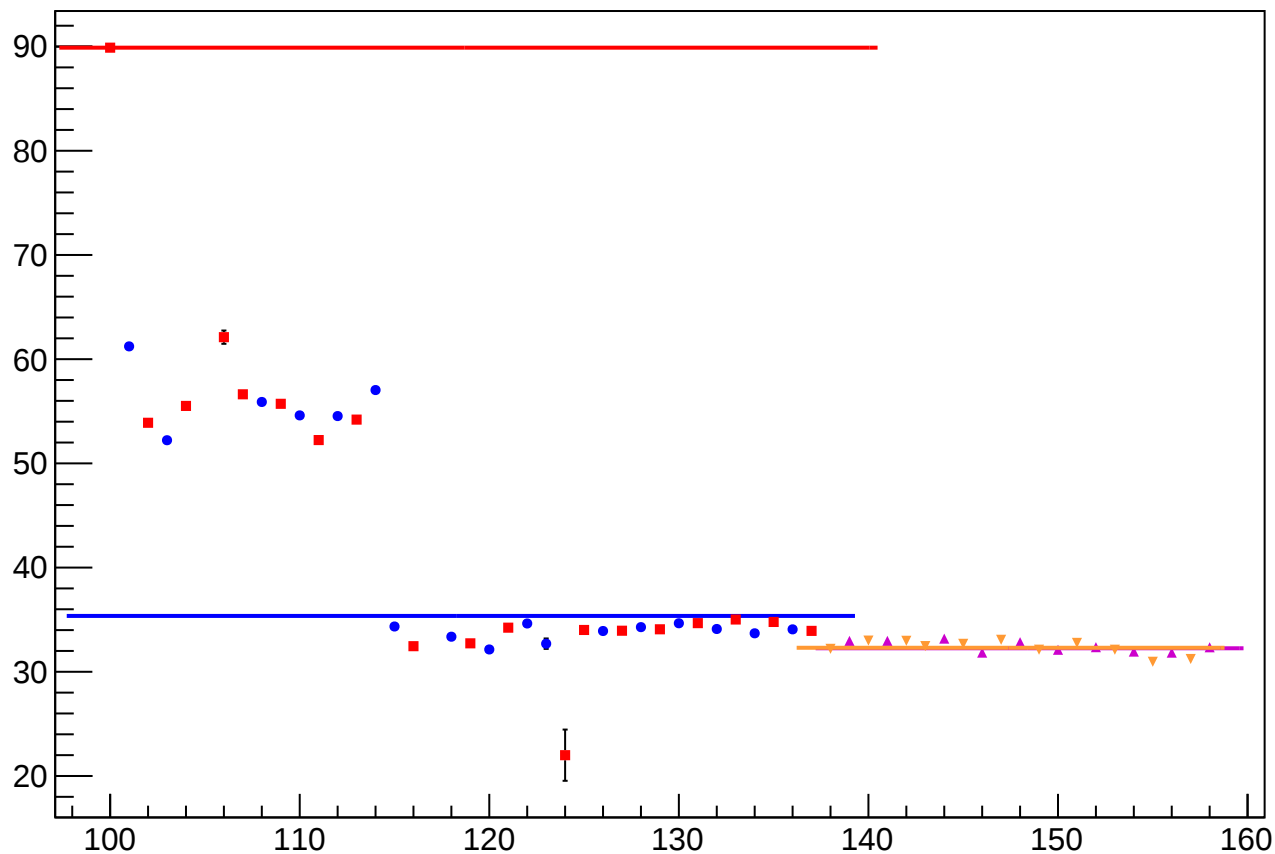
Left In: 0.333 ± 0.001 χ^2/NDF : 1941.7/9

+ sign 0.194 ± 0.000 χ^2/NDF : 37520.0/27

All: 0.167 ± 0.000 χ^2/NDF : 3316576528455

- sign -0.645 ± 0.000 χ^2/NDF : 1826783.4/28

dit_sam5_4aY_slope vs Slug



Right In: 35.361+/-0.011 χ^2/NDF : 204481.2/16

Left Out: 32.305+/-0.006 χ^2/NDF : 3220.1/10

Right Out: 89.893+/-0.000 χ^2/NDF : 68670863.1/18

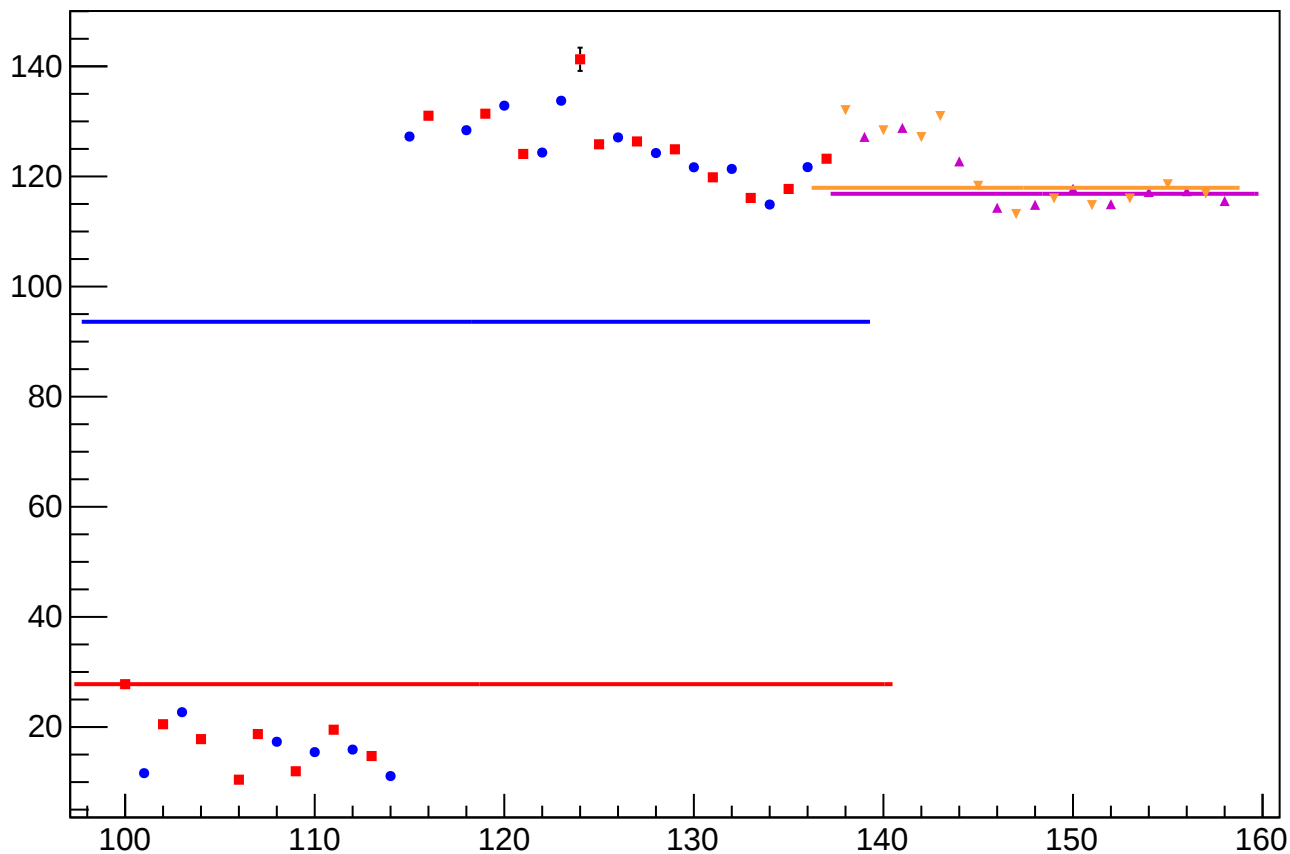
Left In: 32.256+/-0.005 χ^2/NDF : 4747.9/9

+ sign 33.061+/-0.006 χ^2/NDF : 265017.0/27

All: 89.893+/-0.000 χ^2/NDF : 317406378.1/56

- sign 89.893+/-0.000 χ^2/NDF : 210717955.6/28

dit_sam5_4eY_slope vs Slug



Right In: 93.605 $\pm$ 0.027 χ^2 /NDF: 2987877.5/16

Left Out: 117.938 $\pm$ 0.014 χ^2 /NDF: 125813.3/10

Right Out: 27.785 $\pm$ 0.000 χ^2 /NDF: 7919263.8/18

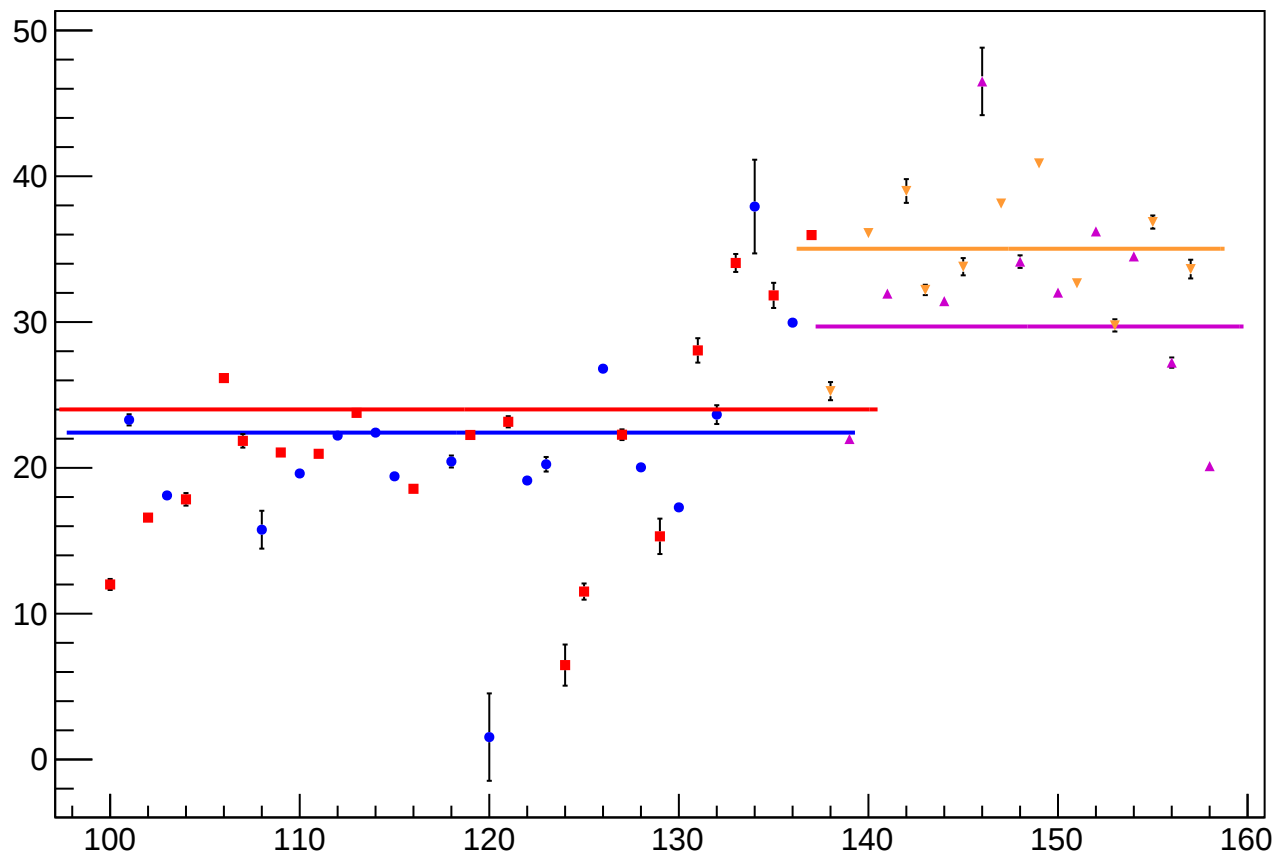
Left In: 116.850 $\pm$ 0.010 χ^2 /NDF: 41206.3/9

+ sign 112.775 $\pm$ 0.012 χ^2 /NDF: 3758310.6/27

All: 27.785 $\pm$ 0.000 χ^2 /NDF: 139302011.1/56

- sign 27.785 $\pm$ 0.000 χ^2 /NDF: 88504238.5/28

dit_sam6_4aX_slope vs Slug



Right In: 22.418 ± 0.000 χ^2/NDF : 3247.9/16

Left Out: 35.028 ± 0.116 χ^2/NDF : 1098.4/10

Right Out: 24.008 ± 0.058 χ^2/NDF : 15408.9/18

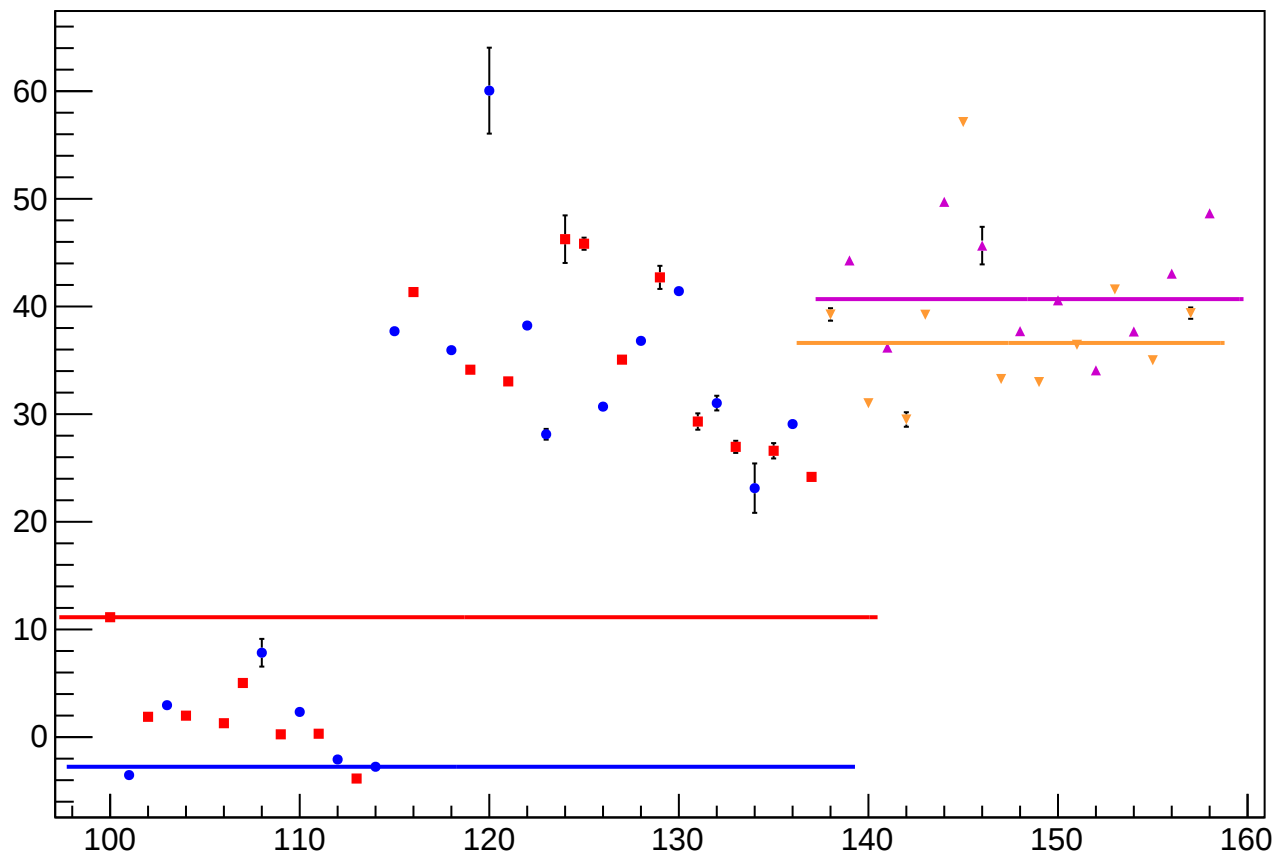
Left In: 29.696 ± 0.085 χ^2/NDF : 4047.9/9

+ sign 22.418 ± 0.000 χ^2/NDF : 16090.6/27

All: 22.418 ± 0.000 χ^2/NDF : 43577.0/56

- sign 25.794 ± 0.048 χ^2/NDF : 22502.5/28

dit_sam6_4eX_slope vs Slug



Right In: -2.754 ± 0.000 χ^2/NDF : 149281.3/16

Left Out: 36.614 ± 0.095 χ^2/NDF : 3661.9/10

Right Out: 11.137 ± 0.000 χ^2/NDF : 2575367.3/18

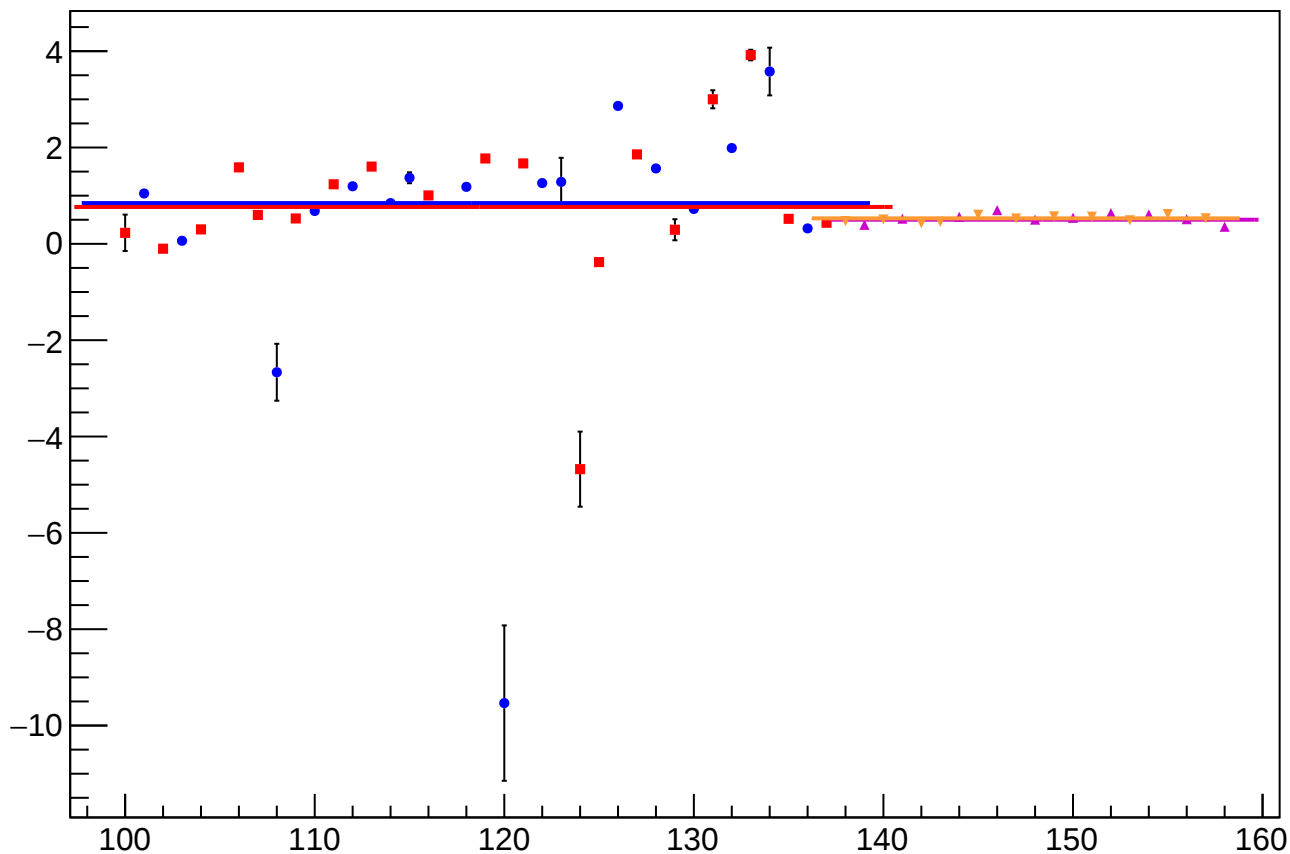
Left In: 40.686 ± 0.071 χ^2/NDF : 3611.2/9

+ sign -2.754 ± 0.000 χ^2/NDF : 325772.2/27

All: -2.637 ± 0.000 χ^2/NDF : 9095226728437

- sign 11.137 ± 0.000 χ^2/NDF : 2750532.6/28

dit_sam6_11X12X_slope vs Slug



Right In: 0.846 $\pm$ 0.000 χ^2 /NDF: 16305.8/16

Left Out: 0.529 $\pm$ 0.002 χ^2 /NDF:884.9/10

Right Out: 0.766 $\pm$ 0.007 χ^2 /NDF: 4211.3/18

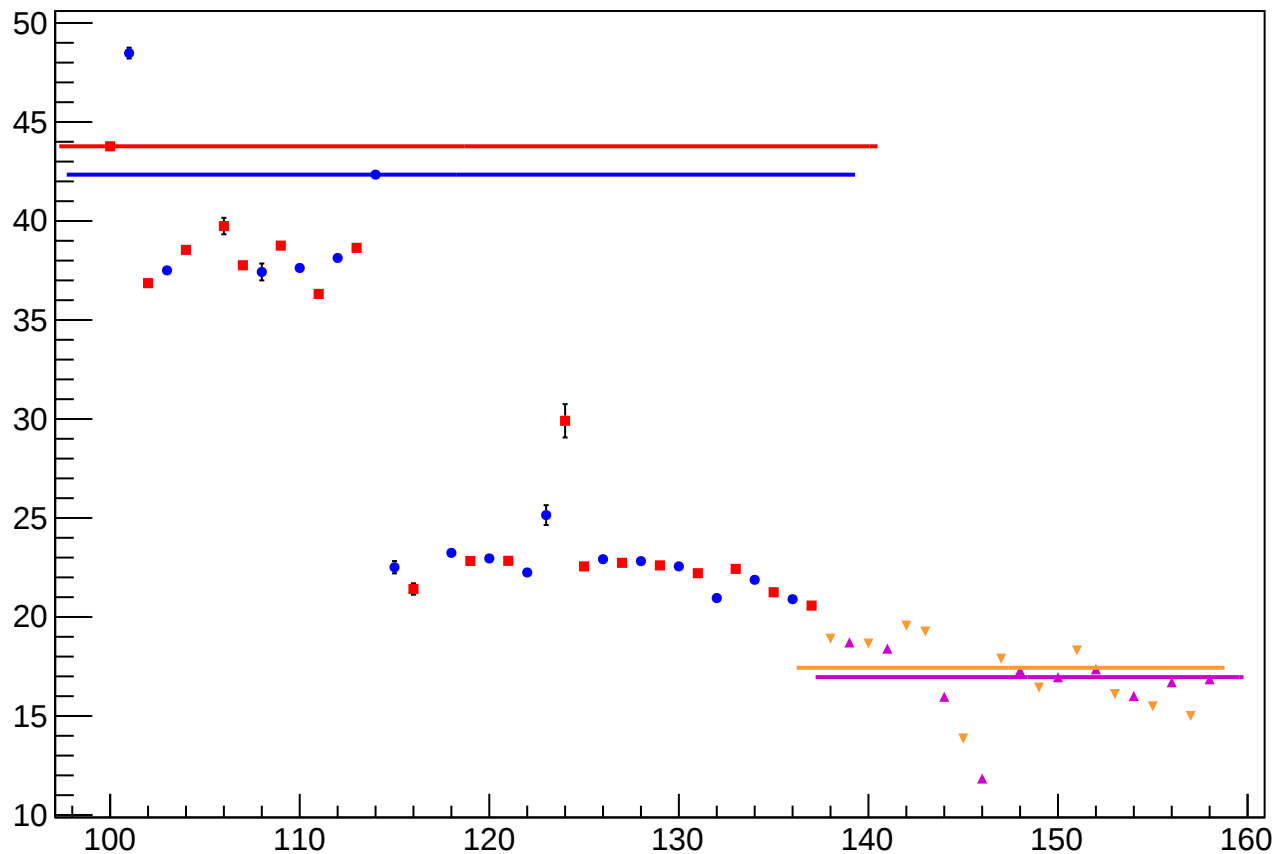
Left In: 0.501 $\pm$ 0.001 χ^2 /NDF:6132.6/9

+ sign 0.846 $\pm$ 0.000 χ^2 /NDF: 51377.7/27

All: 0.846 $\pm$ 0.000 χ^2 /NDF: 124258.6/56

- sign 0.511 $\pm$ 0.001 χ^2 /NDF: 11747.6/28

dit_sam6_4aY_slope vs Slug



Right In: 42.341 $\pm$ 0.000 χ^2 /NDF: 4058390.3/16

Left Out: 17.435 $\pm$ 0.009 χ^2 /NDF:40720.8/10

Right Out: 43.773 $\pm$ 0.000 χ^2 /NDF: 4579991.9/18

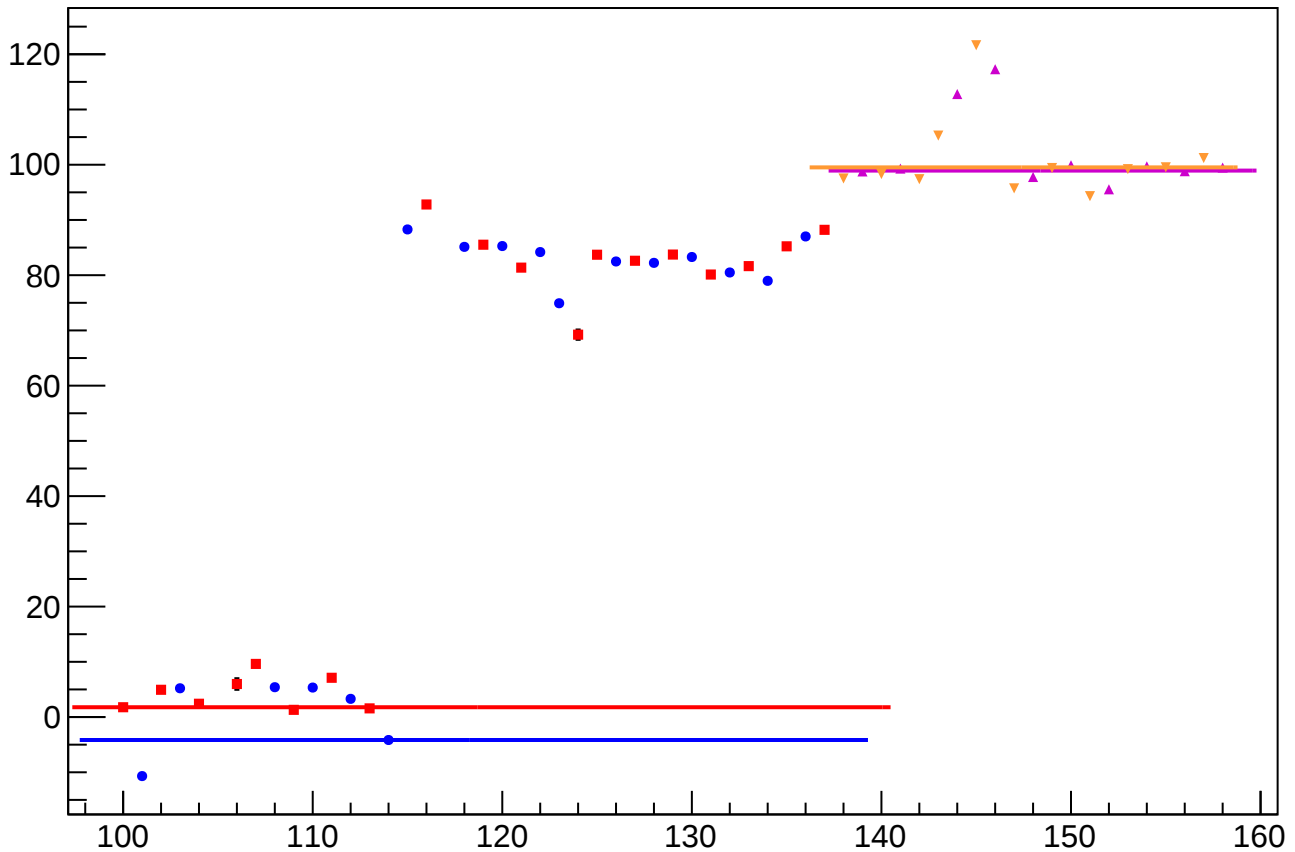
Left In: 16.962 $\pm$ 0.009 χ^2 /NDF:12431.9/9

+ sign 42.341 $\pm$ 0.000 χ^2 /NDF: 10982759.2/27

All: 42.846 $\pm$ 0.000 χ^2 /NDF: 157736039025

- sign 43.773 $\pm$ 0.000 χ^2 /NDF: 14290253.3/28

dit_sam6_4eY_slope vs Slug



Right In: -4.155+/-0.000 χ^2/NDF : 8287312.9/16

Left Out: 99.518+/-0.016 χ^2/NDF : 66809.4/10

Right Out: 1.777+/-0.000 χ^2/NDF : 5403608.1/18

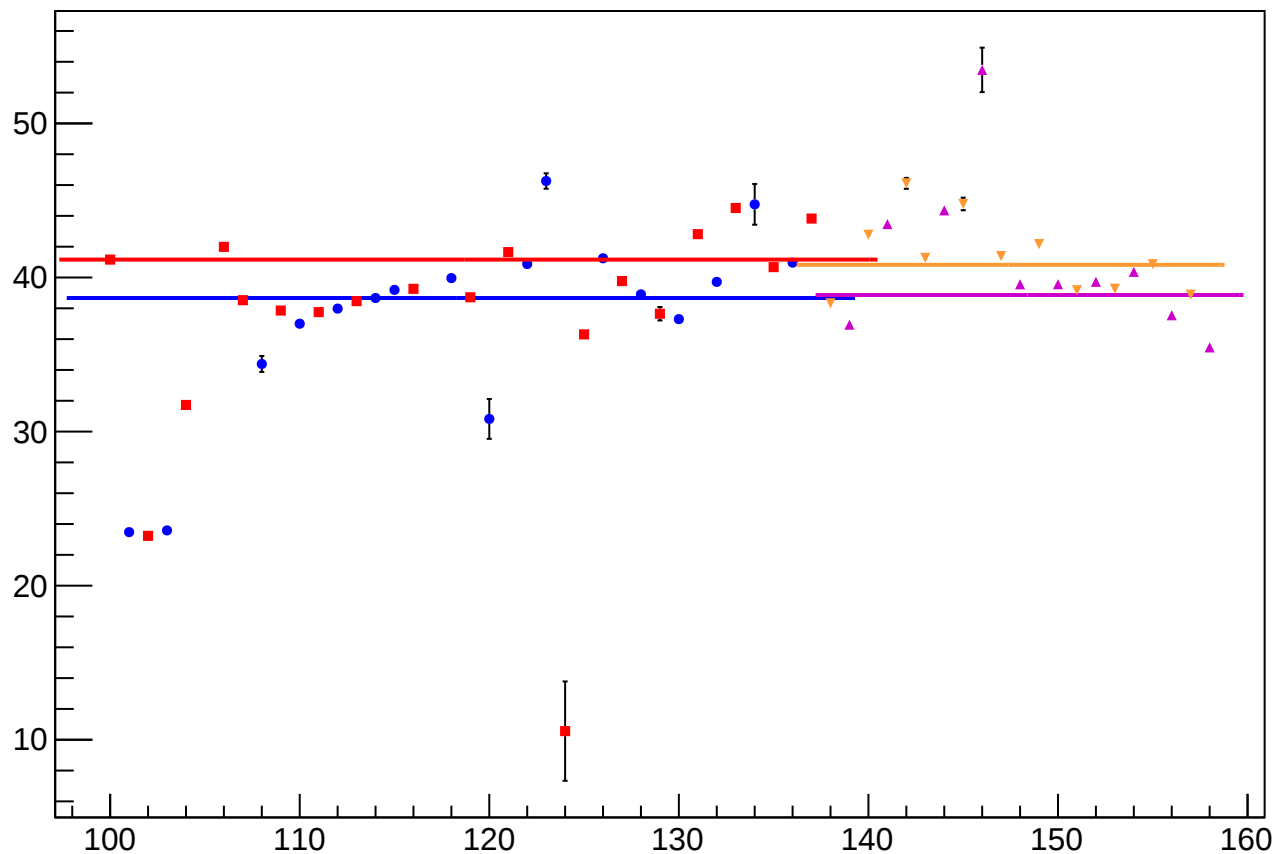
Left In: 98.938+/-0.014 χ^2/NDF : 14834.5/9

+ sign -4.155+/-0.000 χ^2/NDF : 50630004.5/27

All: 1.167+/-0.000 χ^2/NDF : 44022261179950

- sign 1.777+/-0.000 χ^2/NDF : 50822837.2/28

dit_sam7_4aX_slope vs Slug



Right In: 38.669 $\pm$ 0.000 χ^2 /NDF: 59984.0/16

Left Out: 40.825 $\pm$ 0.047 χ^2 /NDF: 1163.5/10

Right Out: 41.163 $\pm$ 0.000 χ^2 /NDF: 38410.9/18

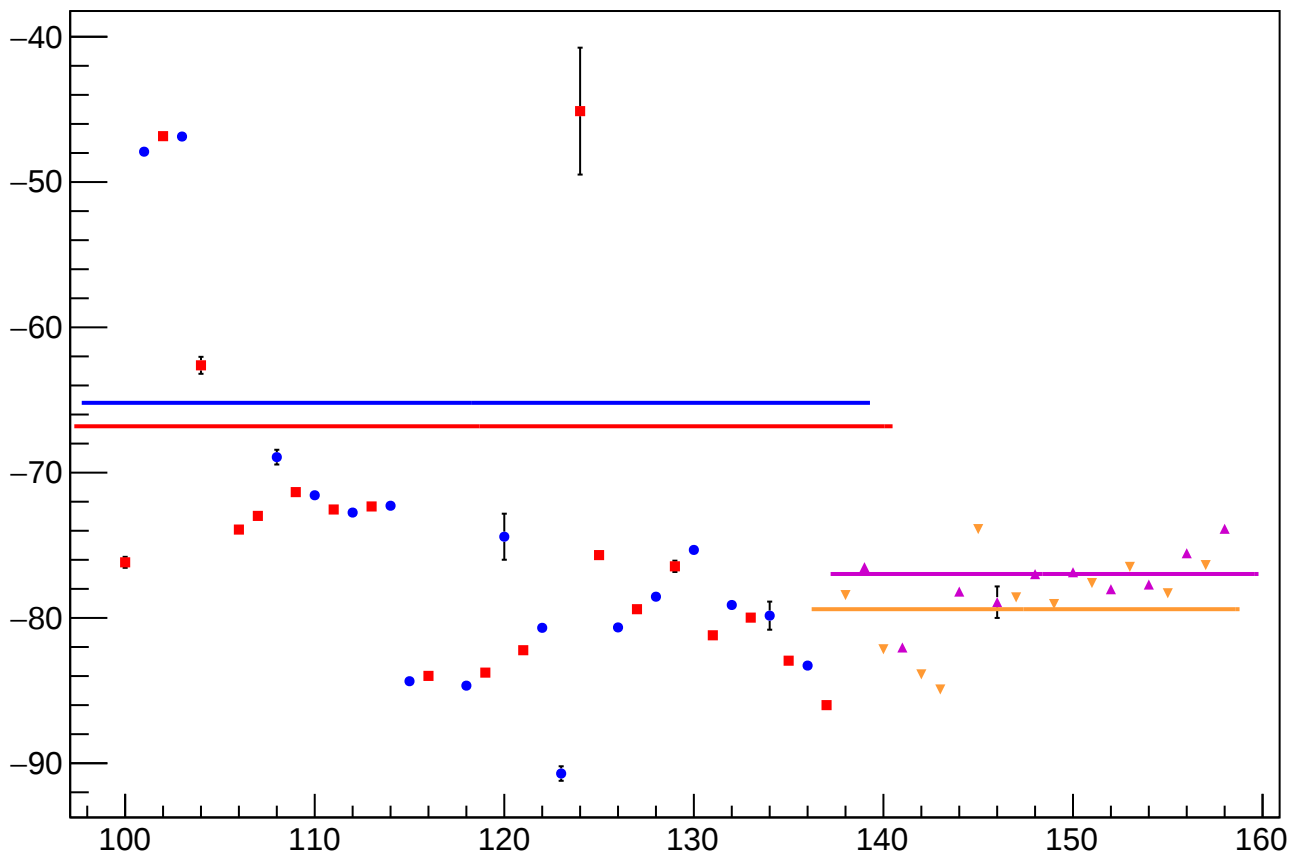
Left In: 38.864 $\pm$ 0.031 χ^2 /NDF: 5154.5/9

+ sign 38.669 $\pm$ 0.000 χ^2 /NDF: 63284.9/27

All: 39.550 $\pm$ 0.000 χ^2 /NDF: 4780640080062

- sign 41.163 $\pm$ 0.000 χ^2 /NDF: 49005.8/28

dit_sam7_4eX_slope vs Slug



Right In: -65.195 ± 0.019 $\chi^2/\text{NDF}: 784258.8/16$

Left Out: -79.398 ± 0.039 $\chi^2/\text{NDF}: 5390.5/10$

Right Out: -66.809 ± 0.016 $\chi^2/\text{NDF}: 809951.7/18$

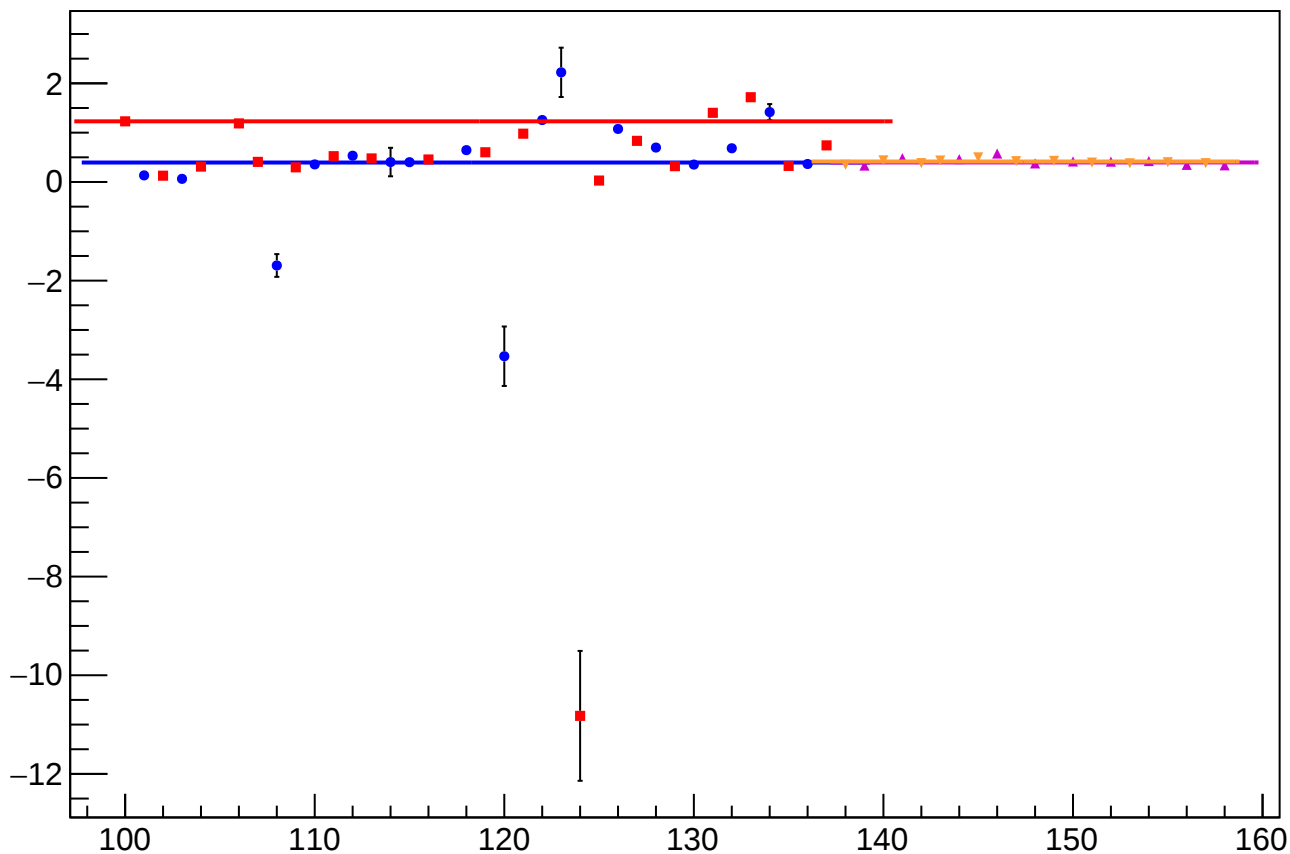
Left In: -76.975 ± 0.025 $\chi^2/\text{NDF}: 4285.9/9$

+ sign -67.816 ± 0.017 $\chi^2/\text{NDF}: 896854.2/27$

All: -68.962 ± 0.010 $\chi^2/\text{NDF}: 1836013.0/56$

- sign -69.686 ± 0.013 $\chi^2/\text{NDF}: 931590.2/28$

dit_sam7_11X12X_slope vs Slug



Right In: 0.395 ± 0.002 $\chi^2/\text{NDF}: 8730.5/16$

Left Out: 0.415 ± 0.001 $\chi^2/\text{NDF}: 704.2/10$

Right Out: 1.230 ± 0.000 $\chi^2/\text{NDF}: 48941.9/18$

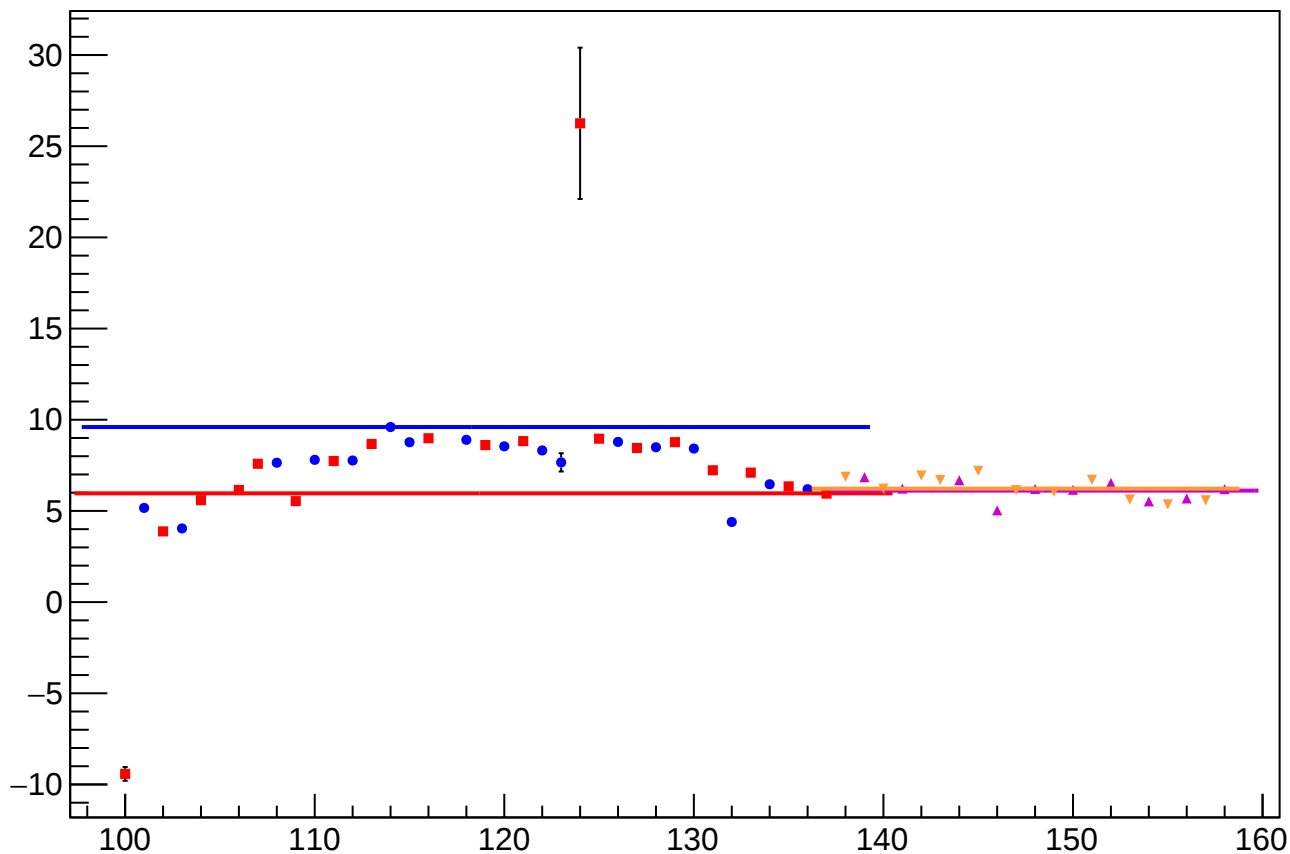
Left In: 0.396 ± 0.001 $\chi^2/\text{NDF}: 5092.6/9$

+ sign 0.412 ± 0.001 $\chi^2/\text{NDF}: 9525.5/27$

All: 1.230 ± 0.000 $\chi^2/\text{NDF}: 3059658.7/56$

- sign 1.230 ± 0.000 $\chi^2/\text{NDF}: 1954907.9/28$

dit_sam7_4aY_slope vs Slug



Right In: 9.601 $\pm$ 0.000 χ^2 /NDF: 377404.1/16

Left Out: 6.224 $\pm$ 0.003 χ^2 /NDF:23114.0/10

Right Out: 5.964 $\pm$ 0.000 χ^2 /NDF: 206785.7/18

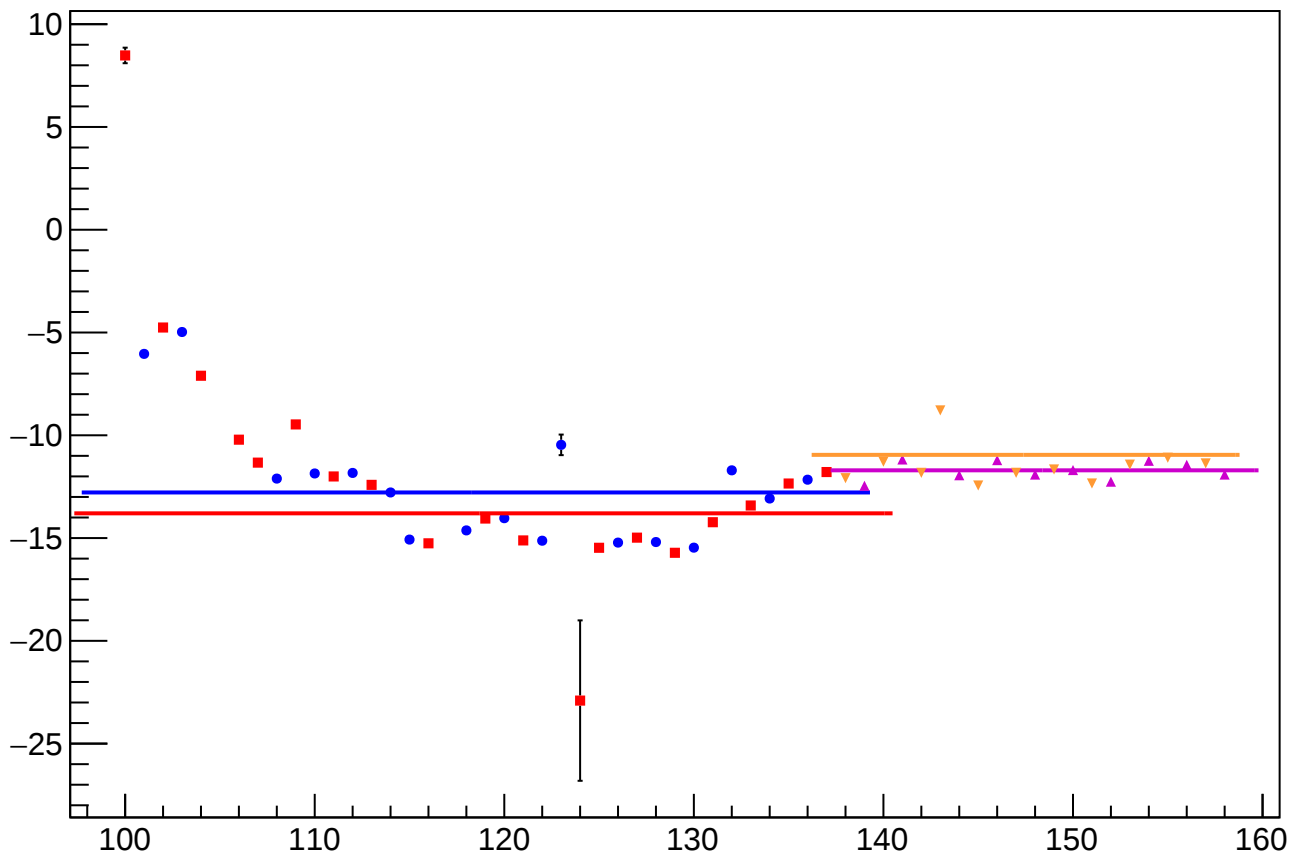
Left In: 6.114 $\pm$ 0.002 χ^2 /NDF:27710.7/9

+ sign 9.601 $\pm$ 0.000 χ^2 /NDF: 1860786.2/27

All: 9.601 $\pm$ 0.000 χ^2 /NDF: 84936256.6/56

- sign 5.970 $\pm$ 0.000 χ^2 /NDF: 240138.8/28

dit_sam7_4eY_slope vs Slug



Right In: -12.781 ± 0.000 χ^2/NDF : 122716.4/16

Left Out: -10.952 ± 0.003 χ^2/NDF : 145226.8/10

Right Out: -13.797 ± 0.005 χ^2/NDF : 78174.8/18

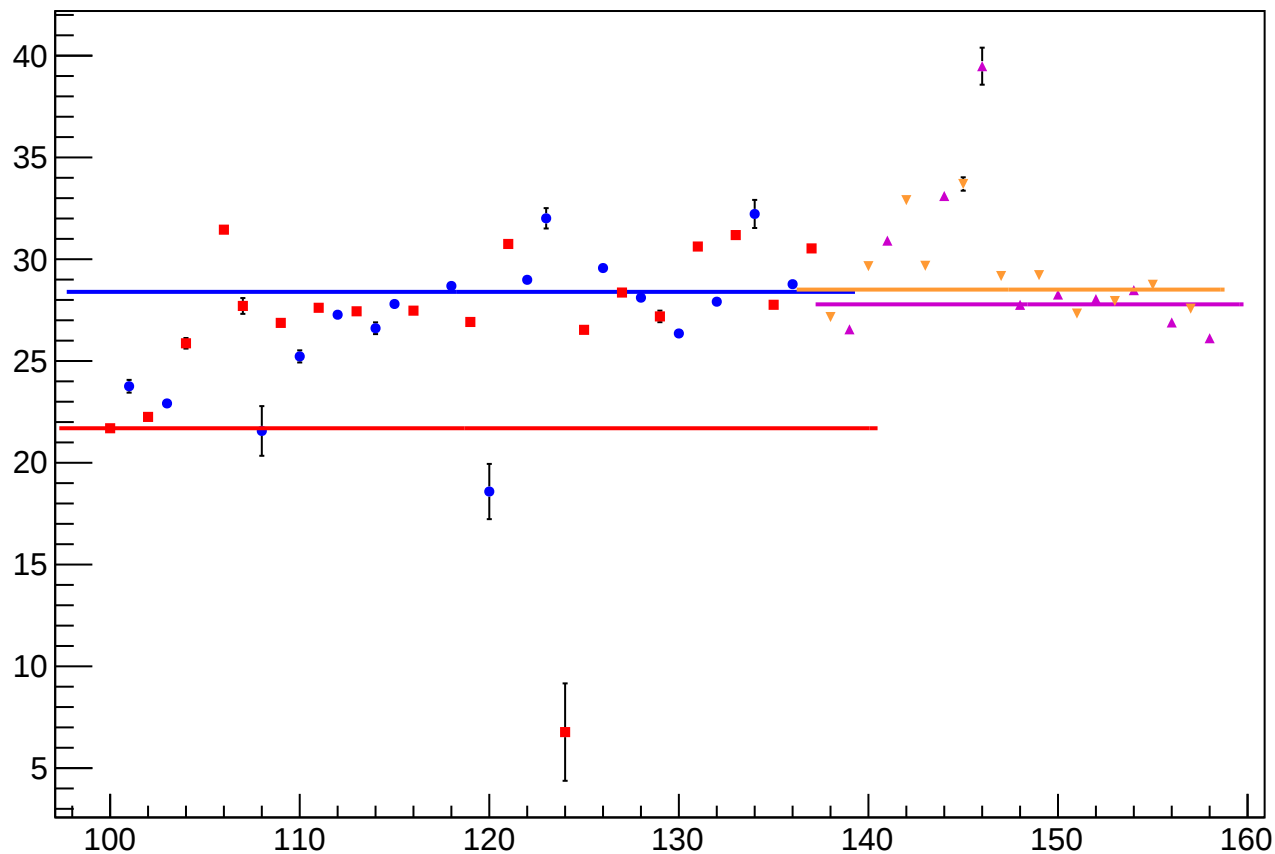
Left In: -11.704 ± 0.003 χ^2/NDF : 12085.4/9

+ sign -12.781 ± 0.000 χ^2/NDF : 561331.1/27

All: -12.781 ± 0.000 χ^2/NDF : 854160.9/56

- sign -12.111 ± 0.002 χ^2/NDF : 212604.1/28

dit_sam8_4aX_slope vs Slug



Right In: 28.396 ± 0.024 χ^2/NDF : 3440.8/16

Left Out: 28.508 ± 0.027 χ^2/NDF : 1972.0/10

Right Out: 21.696 ± 0.000 χ^2/NDF : 46617.3/18

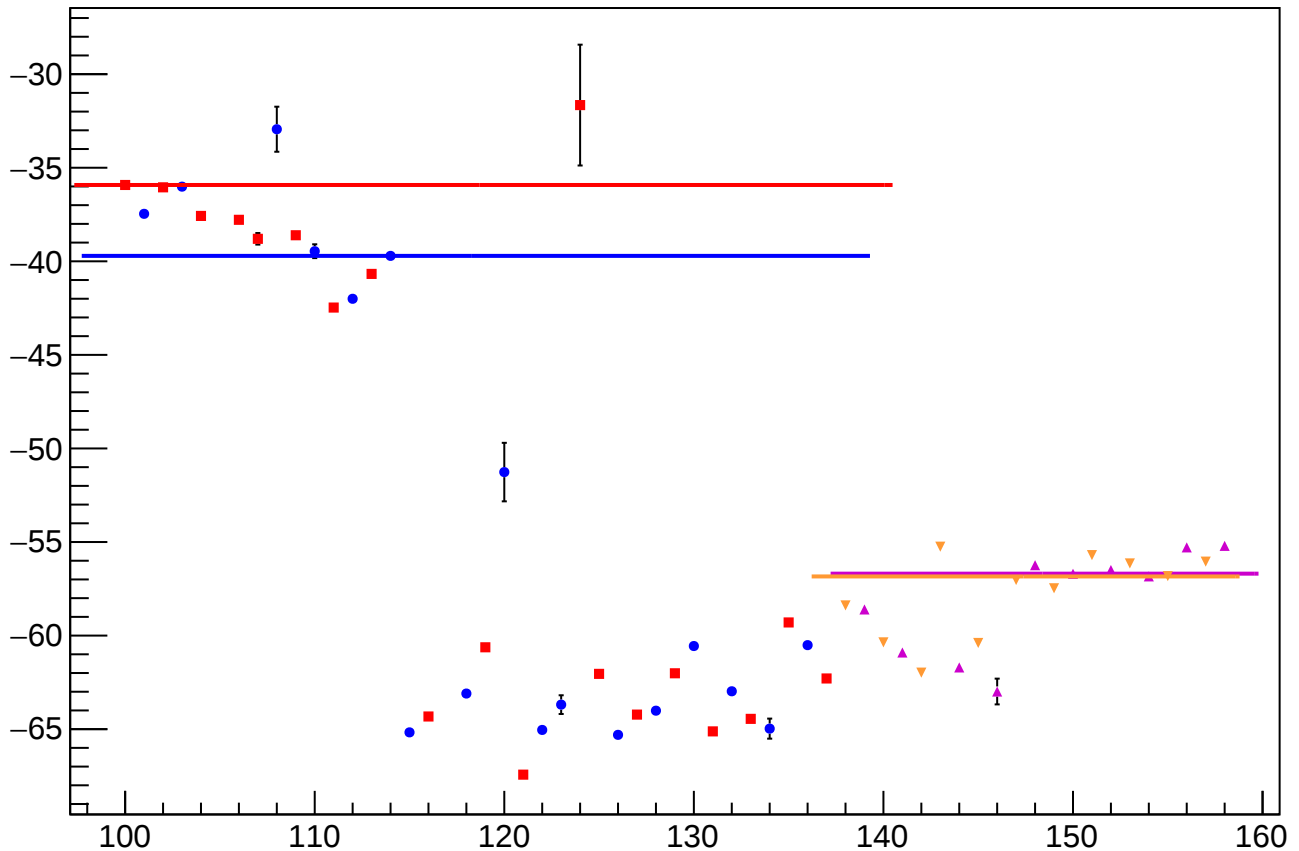
Left In: 27.783 ± 0.020 χ^2/NDF : 4396.8/9

+ sign 28.446 ± 0.018 χ^2/NDF : 5422.1/27

All: 21.696 ± 0.000 χ^2/NDF : 290201.6/56

- sign 21.696 ± 0.000 χ^2/NDF : 146284.2/28

dit_sam8_4eX_slope vs Slug



Right In: -39.710 ± 0.000 $\chi^2/\text{NDF}: 1354716.8/16$

Left Out: -56.839 ± 0.024 $\chi^2/\text{NDF}: 4207.0/10$

Right Out: -35.921 ± 0.000 $\chi^2/\text{NDF}: 719212.9/18$

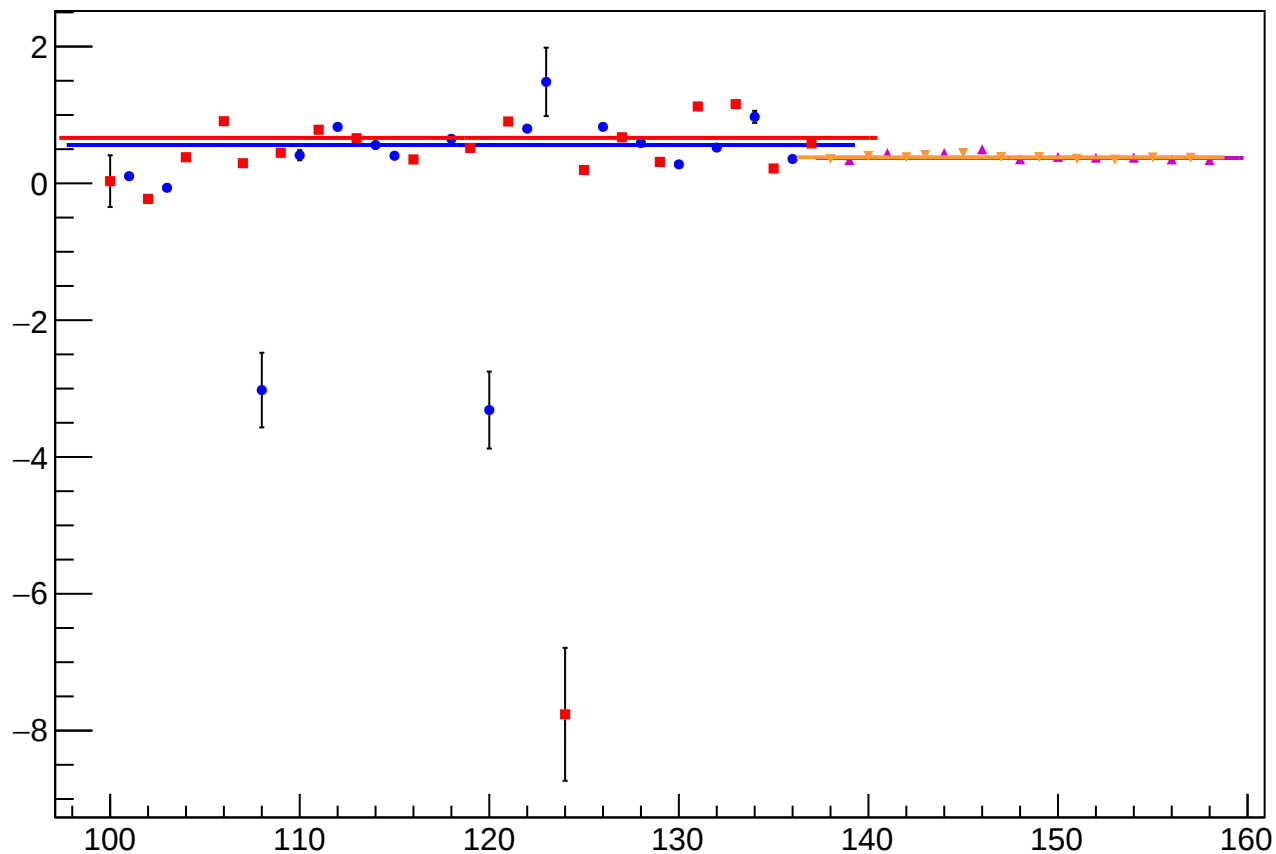
Left In: -56.691 ± 0.017 $\chi^2/\text{NDF}: 6861.9/9$

+ sign -39.710 ± 0.000 $\chi^2/\text{NDF}: 1877719.6/27$

All: -38.373 ± 0.000 $\chi^2/\text{NDF}: 110369434011$

- sign -35.921 ± 0.000 $\chi^2/\text{NDF}: 2285249.6/28$

dit_sam8_11X12X_slope vs Slug



Right In: 0.561 ± 0.000 χ^2/NDF : 16869.2/16

Left Out: 0.381 ± 0.001 χ^2/NDF : 1001.3/10

Right Out: 0.665 ± 0.005 χ^2/NDF : 3781.5/18

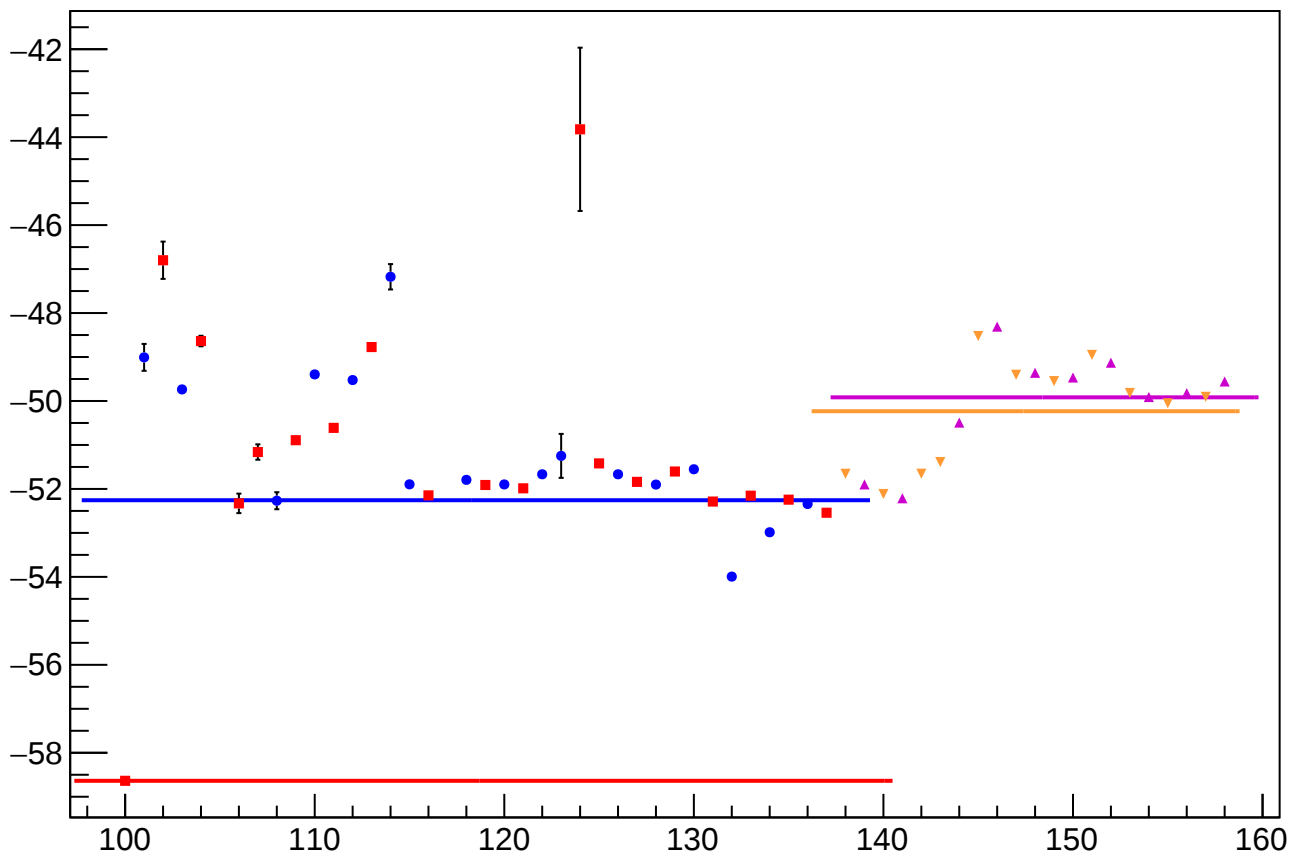
Left In: 0.371 ± 0.000 χ^2/NDF : 3527.7/9

+ sign 0.561 ± 0.000 χ^2/NDF : 109326.3/27

All: 0.561 ± 0.000 χ^2/NDF : 319368.8/56

- sign 0.373 ± 0.000 χ^2/NDF : 11383.1/28

dit_sam8_4aY_slope vs Slug



Right In: -52.257 ± 0.004 χ^2/NDF : 24373.7/16

Left Out: -50.233 ± 0.003 χ^2/NDF : 118072.9/10

Right Out: -58.637 ± 0.000 χ^2/NDF : 31280742.9/18

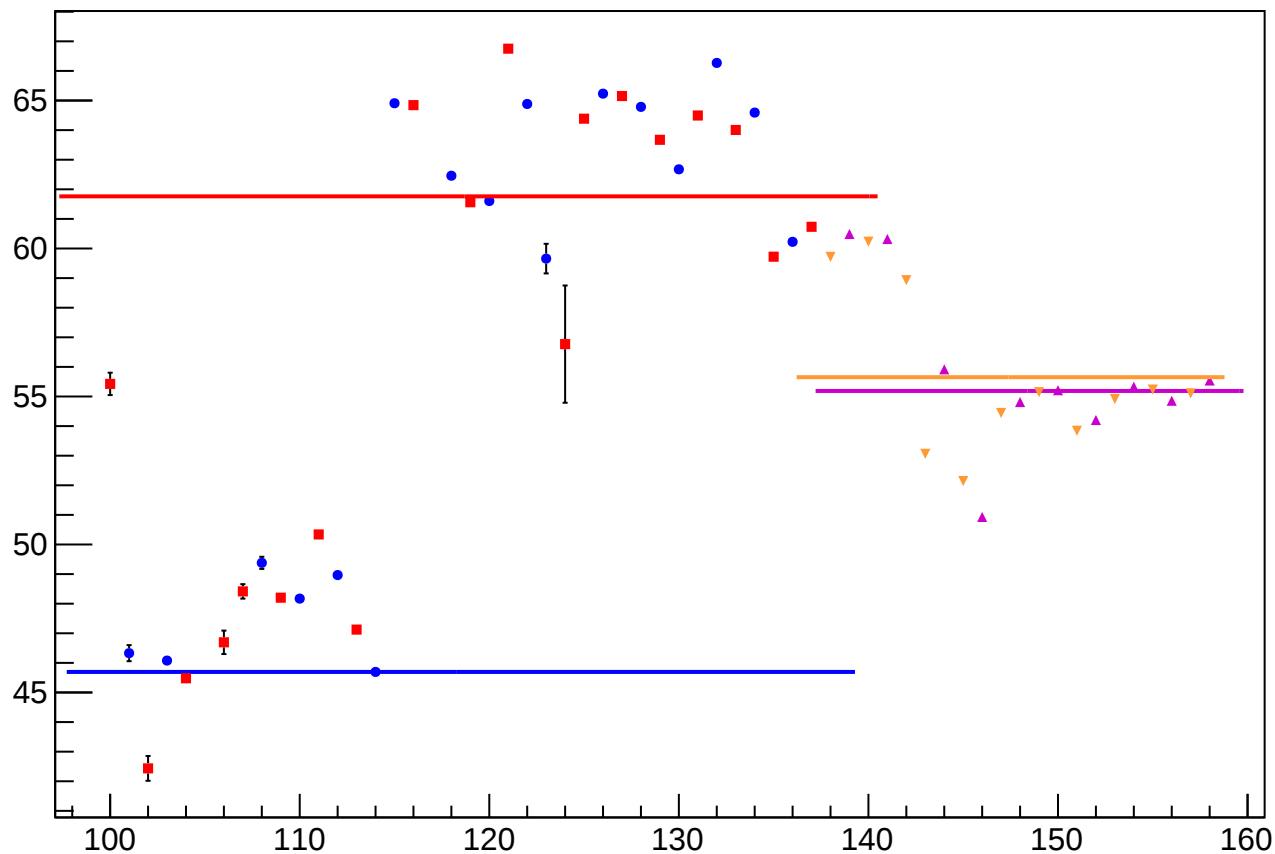
Left In: -49.917 ± 0.002 χ^2/NDF : 224230.1/9

+ sign -50.976 ± 0.002 χ^2/NDF : 337532.0/27

All: -58.637 ± 0.000 χ^2/NDF : 65710973.6/56

- sign -58.637 ± 0.000 χ^2/NDF : 53347654.0/28

dit_sam8_4eY_slope vs Slug



Right In: 45.694 $\pm$ 0.000 χ^2 /NDF: 3571709.5/16

Left Out: 55.652 $\pm$ 0.005 χ^2 /NDF: 273460.4/10

Right Out: 61.762 $\pm$ 0.006 χ^2 /NDF: 260089.5/18

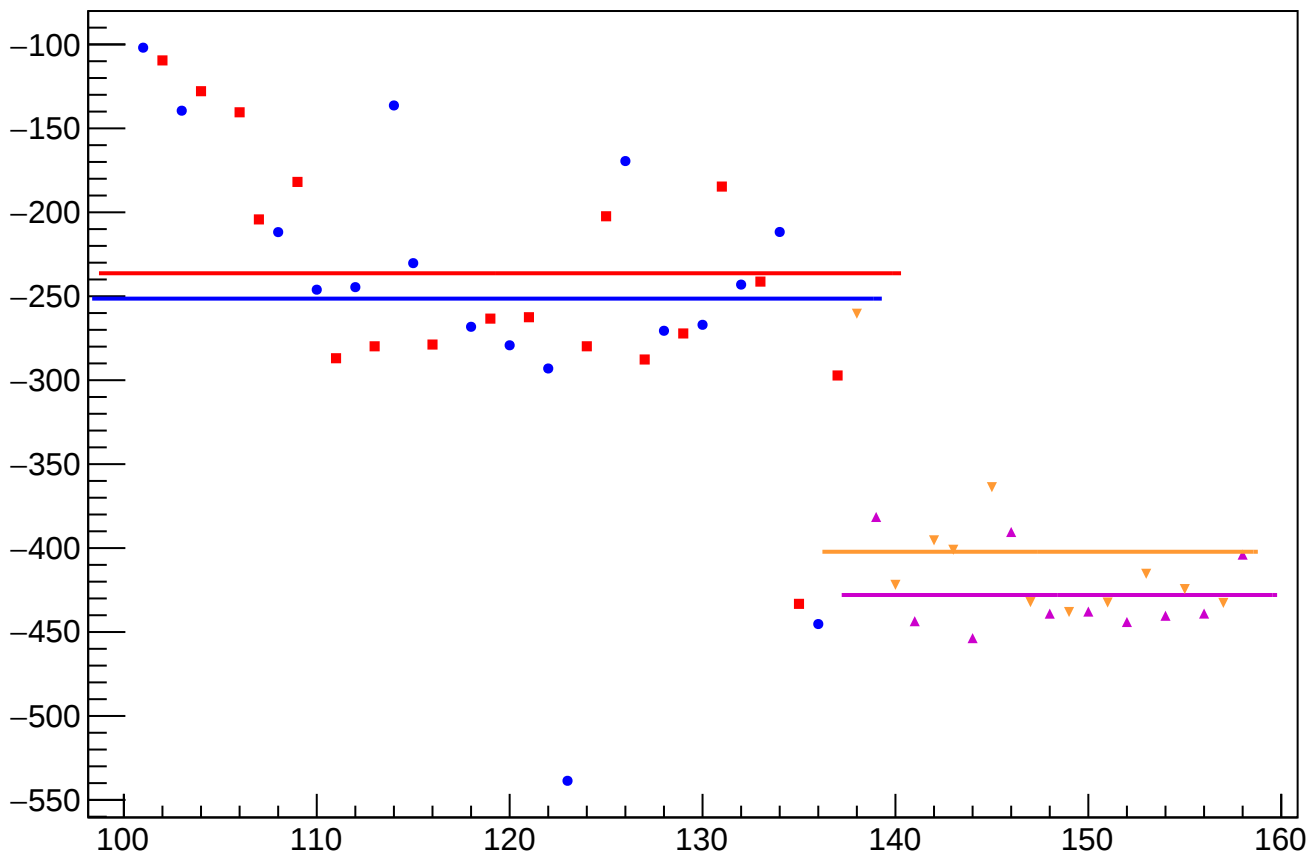
Left In: 55.187 $\pm$ 0.003 χ^2 /NDF: 60920.4/9

+ sign 45.694 $\pm$ 0.000 χ^2 /NDF: 8691786.6/27

All: 45.694 $\pm$ 0.000 χ^2 /NDF: 23523741.7/56

- sign 56.592 $\pm$ 0.003 χ^2 /NDF: 1157446.9/28

dit_4aX_coil1_mean vs Slug



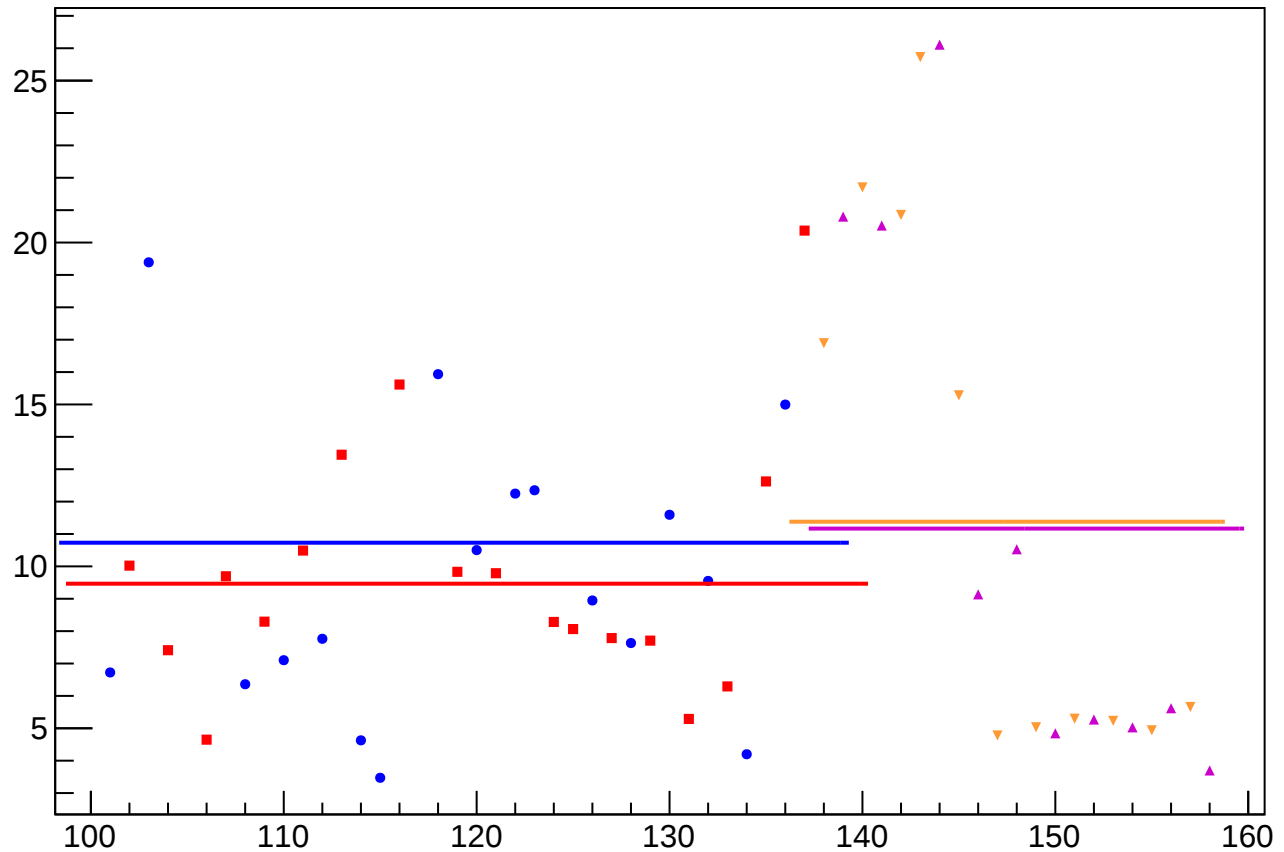
Right In: -251.407+/-0.000 χ^2/NDF : 6377716677142803615785313646231420928.0/16

Left Out: -402.185+/-0.000 χ^2/NDF : 2089229005242793531590198553963659264.0/10 + sign -333.479+/-0.000 χ^2/NDF : 17054813074036

Right Out: -236.305+/-0.000 χ^2/NDF : 4583669398649017152985031455186878464.0/17 All: -336.981+/-0.000 χ^2/NDF : 36420399233

Left In: -427.943+/-0.000 χ^2/NDF : 483395449388342016661201369532727296.0/9 - sign -340.389+/-0.000 χ^2/NDF : 193287212556928

dit_4aX_coil1_err_mean vs Slug



Right In: 10.731+/-0.000 χ^2/NDF : 12832156832660883988585211297267712.0/16

Left Out: 11.380+/-0.000 χ^2/NDF : 48802355522055401309446928162881536.0/10

Right Out: 9.465+/-0.000 χ^2/NDF : 6964289429474711338503750841008128.0/17

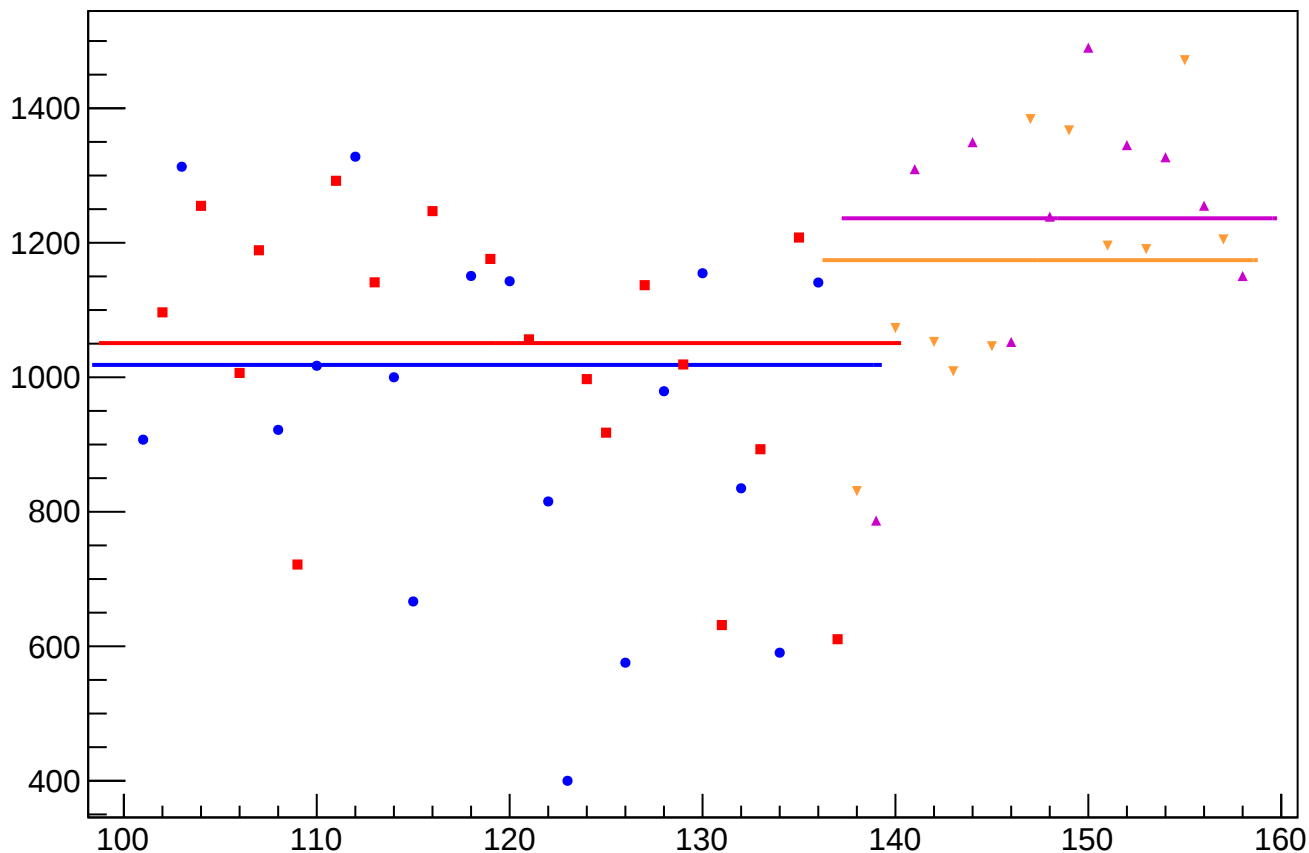
Left In: 11.167+/-0.000 χ^2/NDF : 52208057130022440844602637631356928.0/9

+ sign 11.084+/-0.000 χ^2/NDF : 6179333437462803

All: 10.732+/-0.000 χ^2/NDF : 1224628249091

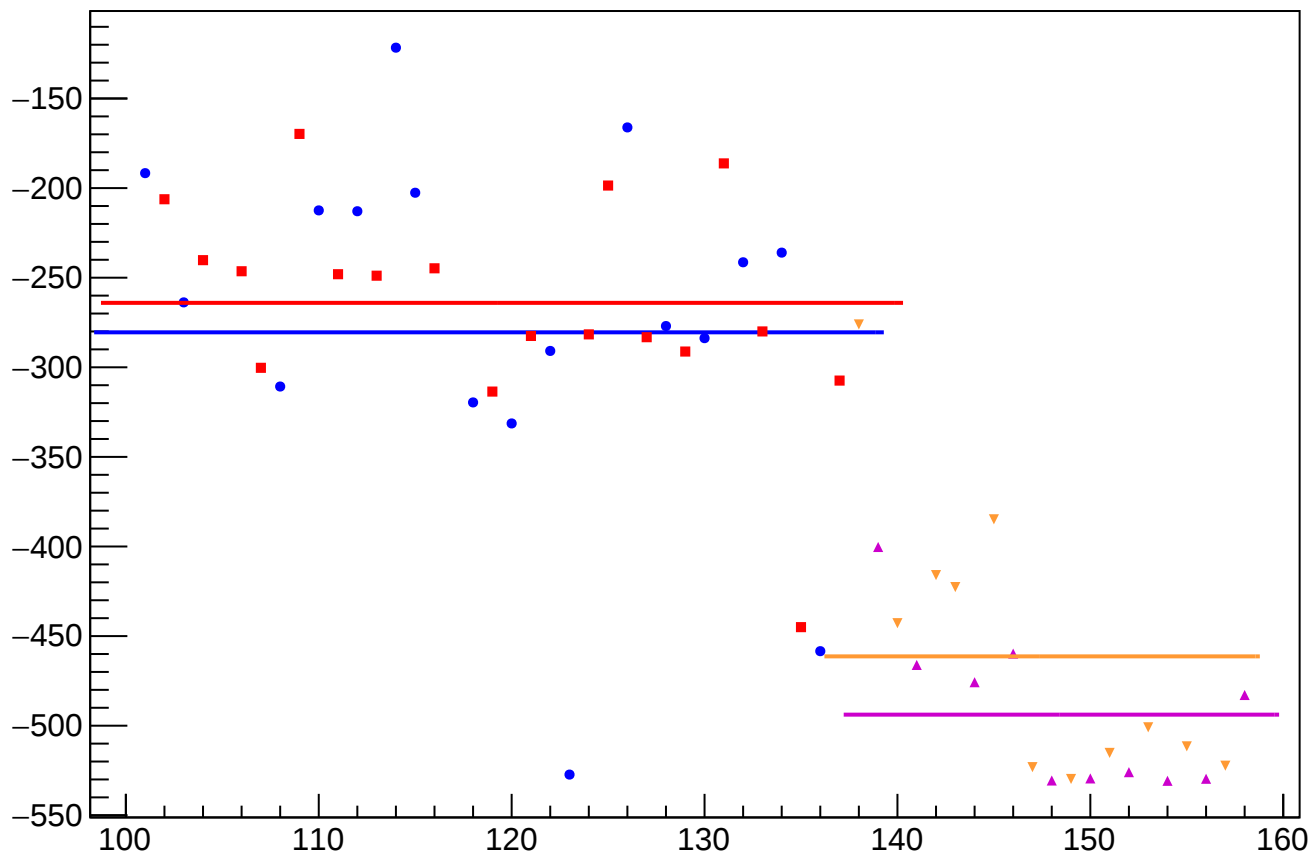
- sign 10.389+/-0.000 χ^2/NDF : 6029716031931478

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_4eX_coil1_mean vs Slug



Right In: -280.488+/-0.000 χ^2/NDF : 5126630238526976320868749941319663616.0/16

Left Out: -461.316+/-0.000 χ^2/NDF : 4880619559089240233839592952857362432.0/10

Right Out: -264.038+/-0.000 χ^2/NDF : 2950904189133891581840816046652522496.0/17

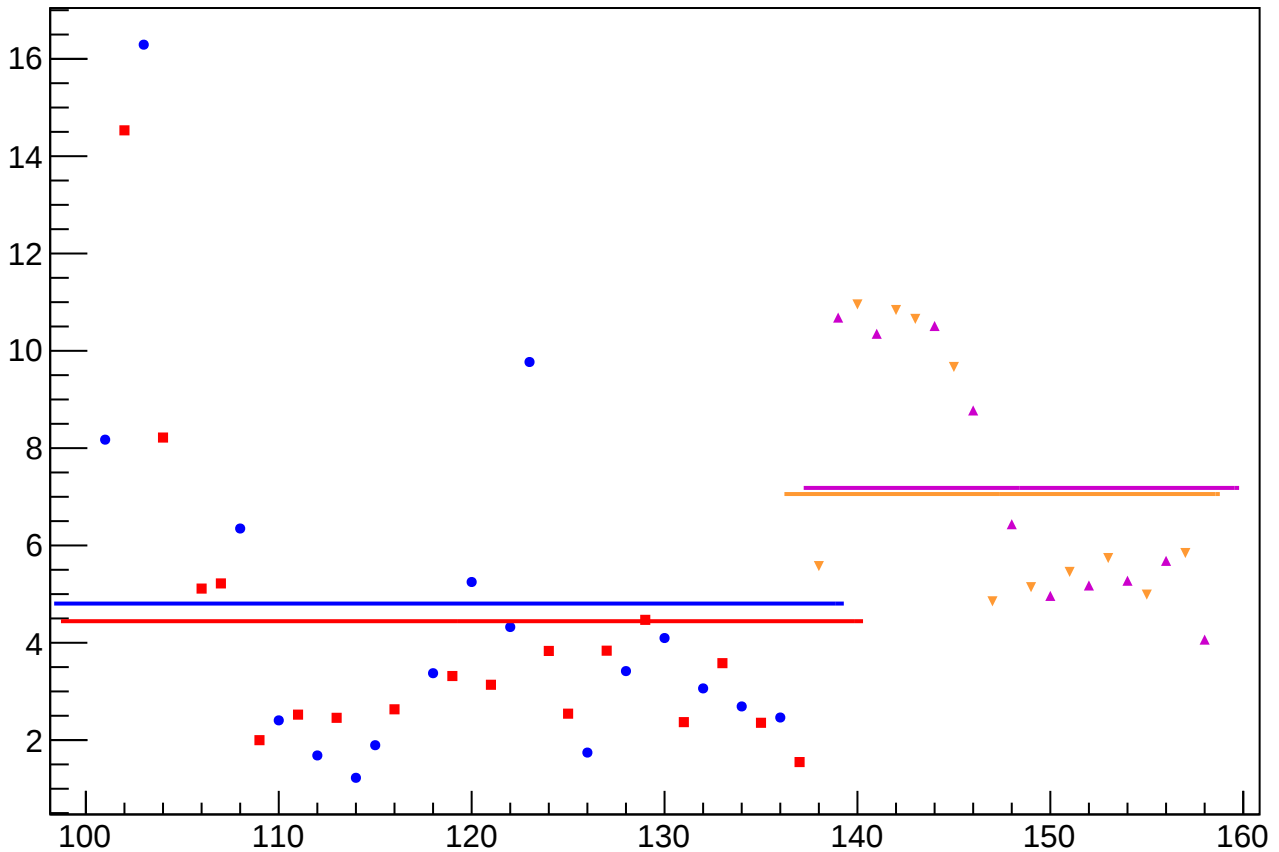
Left In: -493.836+/-0.000 χ^2/NDF : 1451761581354382414141461360793354240.0/9

+ sign -378.917+/-0.000 χ^2/NDF : 22359486995448

All: -383.950+/-0.000 χ^2/NDF : 47345327069

- sign -388.848+/-0.000 χ^2/NDF : 249097111755079

dit_4eX_coil1_err_mean vs Slug



Right In: 4.806+/-0.000 χ^2/NDF : 10922956451109492621931429310234624.0/16

Left Out: 7.057+/-0.000 χ^2/NDF : 4956040349419102445993974688645120.0/10

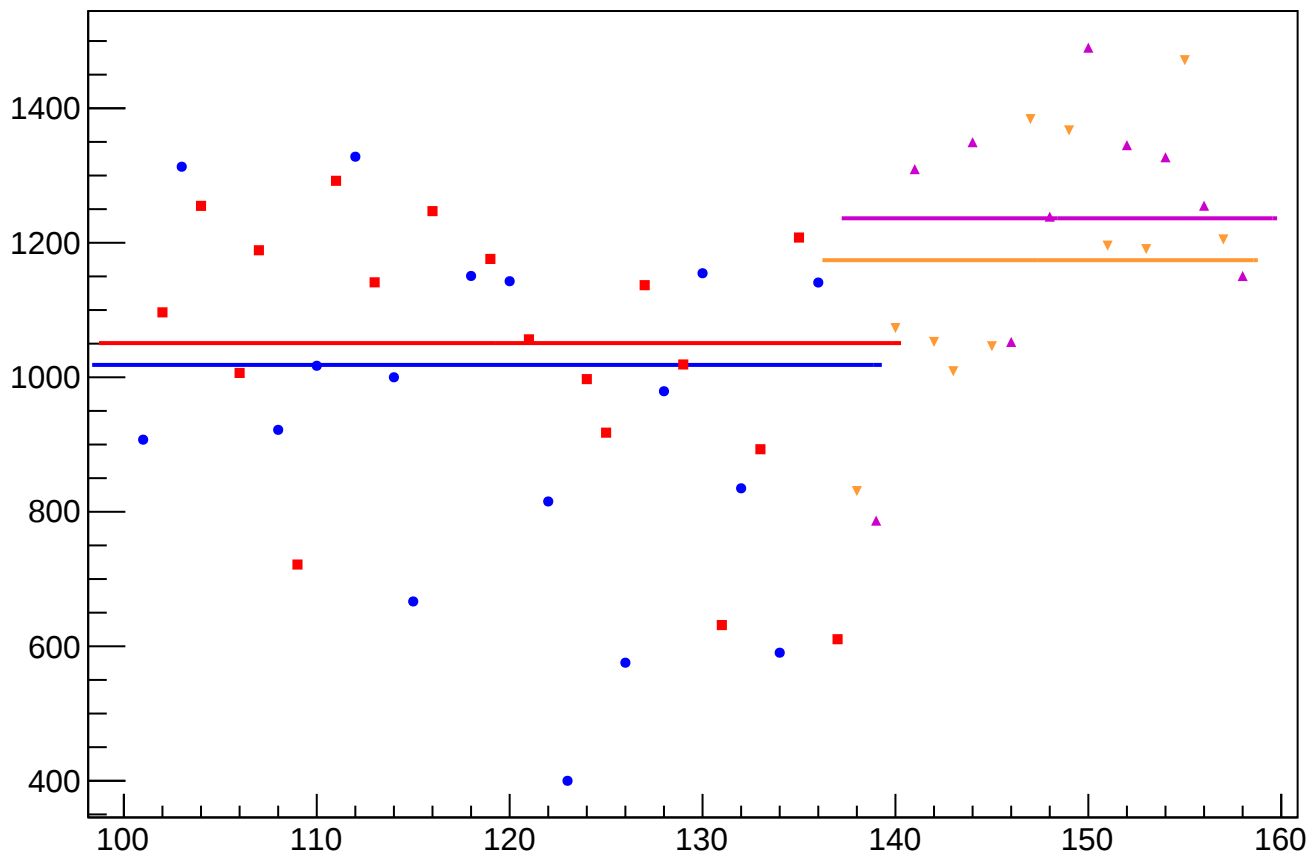
Right Out: 4.443+/-0.000 χ^2/NDF : 8238698902114437843582467079929856.0/17

Left In: 7.183+/-0.000 χ^2/NDF : 5176965635305357956205089463992320.0/9

All: 5.980+/-0.000 χ^2/NDF : 34130098040580.0/16

- sign 5.931+/-0.000 χ^2/NDF : 16329252621021087.0/16

dit_4eX_coil1_Ndata_mean vs Slug



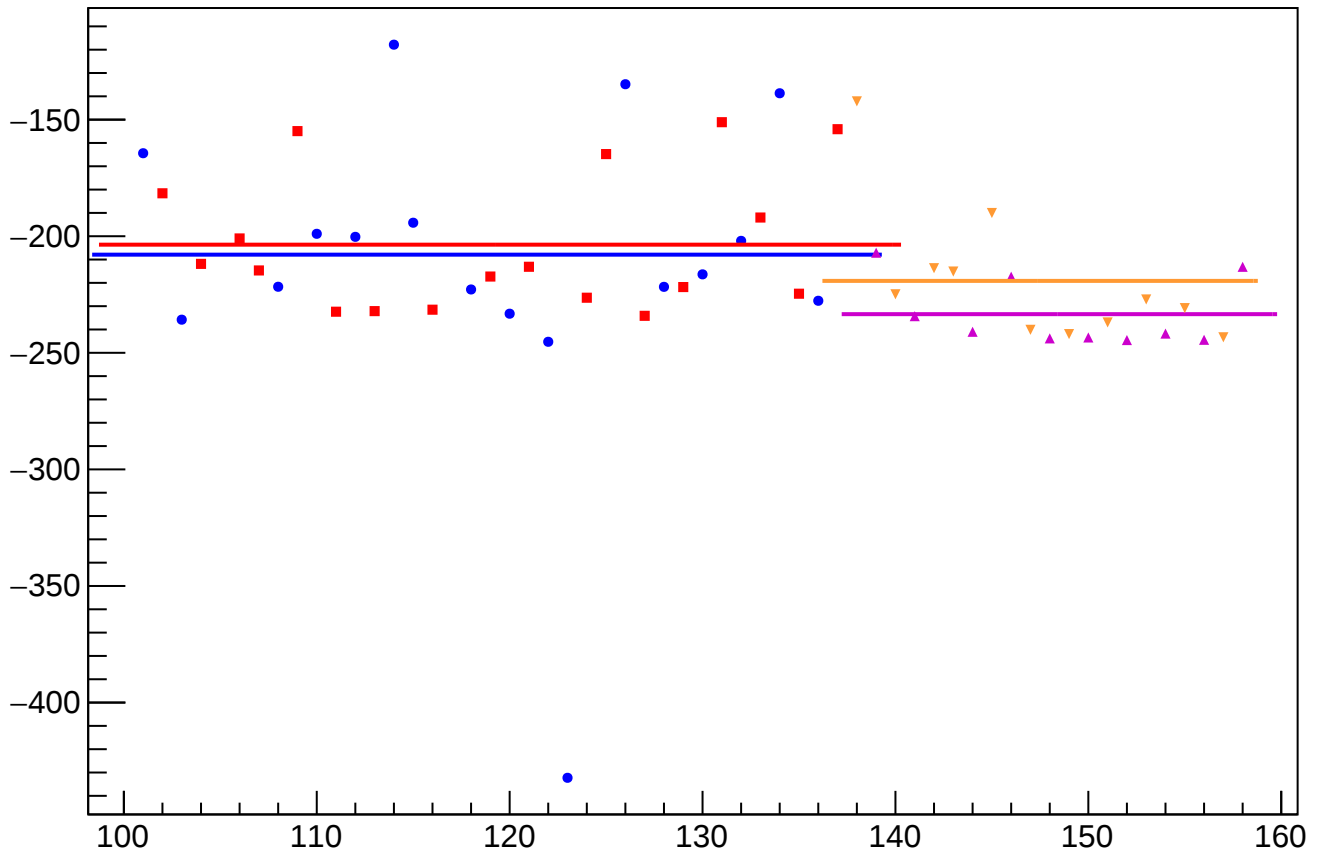
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_11X12X_coil1_mean vs Slug



Right In: -207.905+/-0.000 χ^2/NDF : 932229169633108948090208893374824448.0/16

+ sign -214.028+/-0.000 χ^2/NDF : 16757844141584

Left Out: -219.154+/-0.000 χ^2/NDF : 695751171057025738448655535619178496.0/10

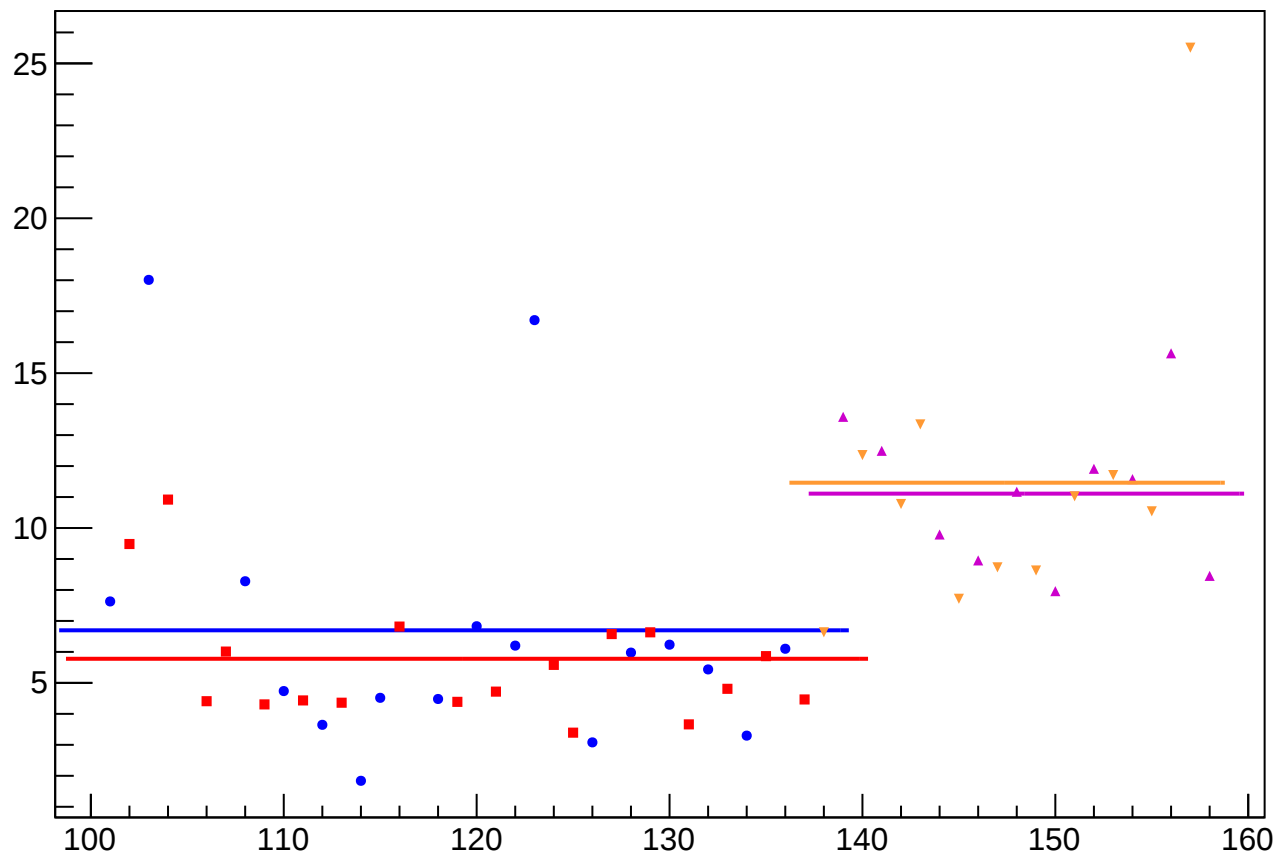
All: -216.958+/-0.000 χ^2/NDF : 27628669296

Right Out: -203.621+/-0.000 χ^2/NDF : 555366082114711816530063438779514880.0/17

- sign -219.808+/-0.000 χ^2/NDF : 106129892807043

Left In: -233.424+/-0.000 χ^2/NDF : 161019199210157738757176254730862592.0/9

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.697+/-0.000 χ^2/NDF : 10220265362684500644667484757032960.0/16

Left Out: 11.463+/-0.000 χ^2/NDF : 19181405770471932284544192377520128.0/10

Right Out: 5.778+/-0.000 χ^2/NDF : 3154580715579075896881670619398144.0/17

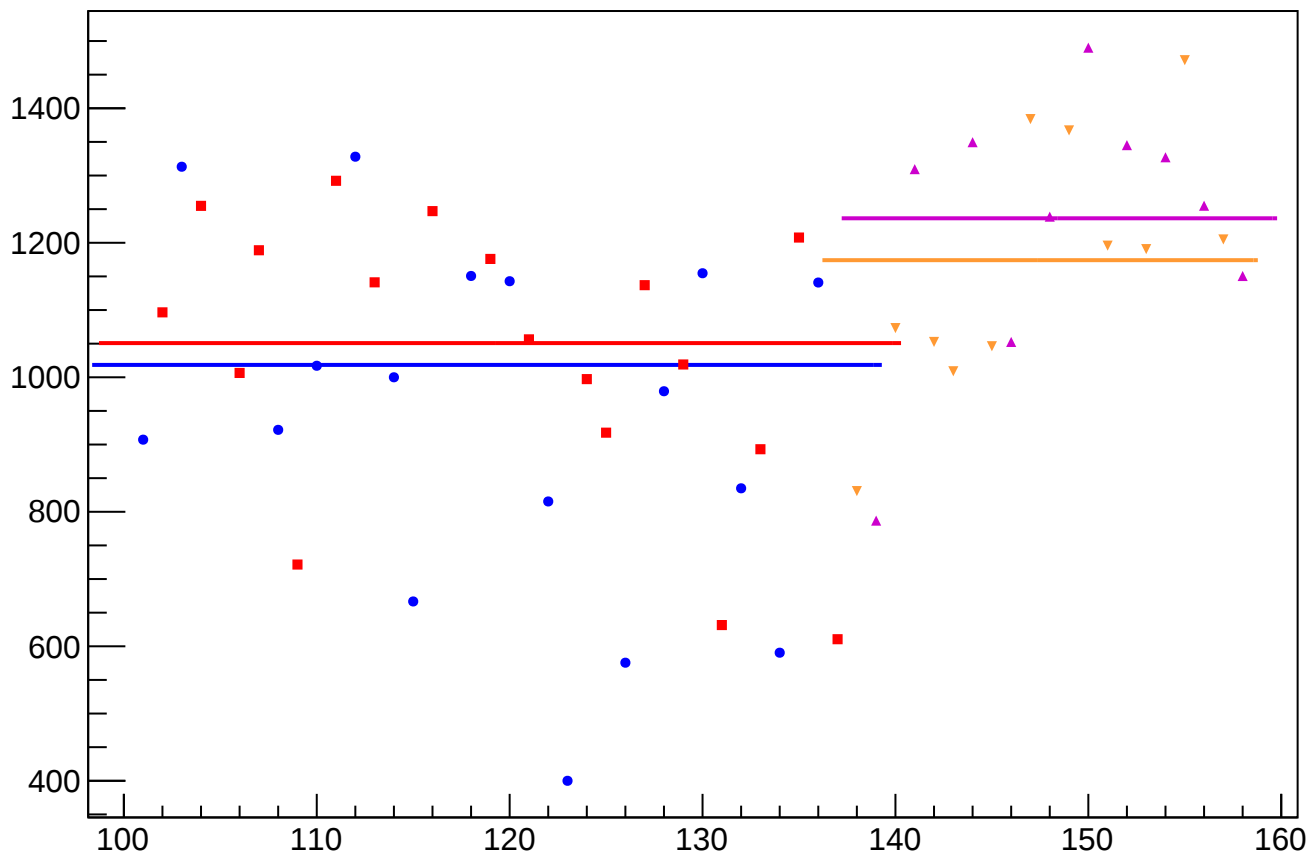
Left In: 11.110+/-0.000 χ^2/NDF : 4392145017596979015416439214440448.0/9

+ sign 9.291+/-0.000 χ^2/NDF : 37980206356708600

All: 8.978+/-0.000 χ^2/NDF : 56858780980222

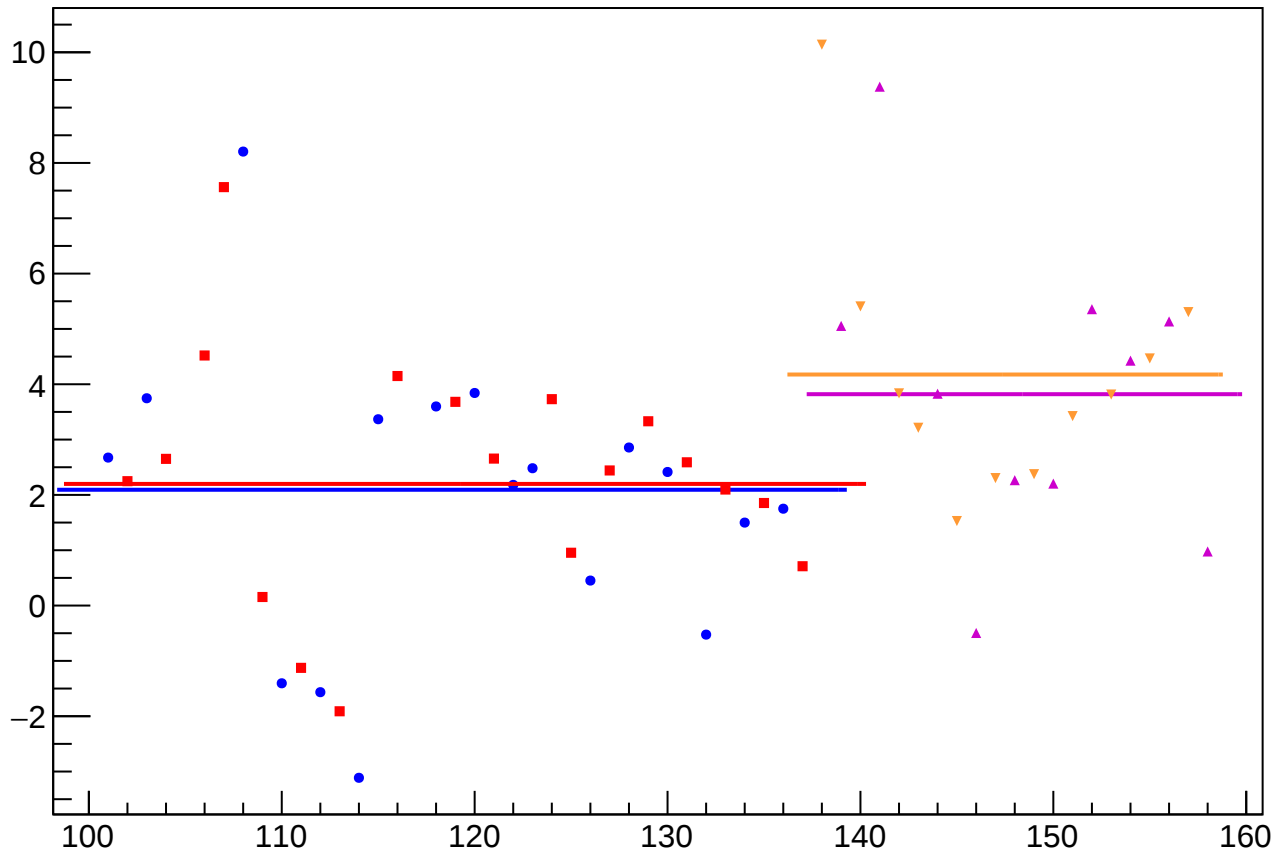
- sign 8.674+/-0.000 χ^2/NDF : 18584419096294717

dit_11X12X_coil1_Ndata_mean vs Slug



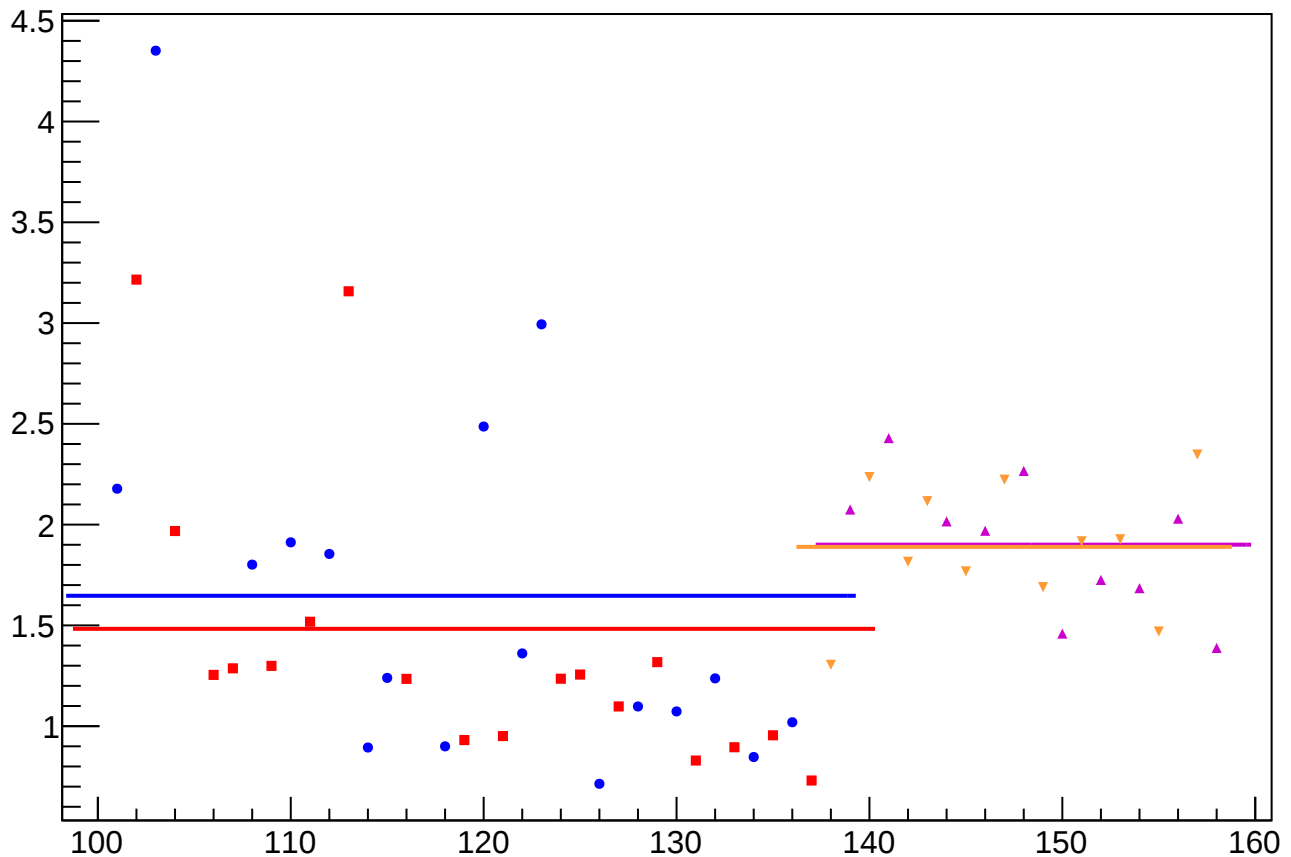
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_4aY_coil1_mean vs Slug



Right In: 2.093 ± 0.000 χ^2/NDF : 3708588340032367175525218060861440.0/16
 Left Out: 4.176 ± 0.000 χ^2/NDF : 4212411872223190038185982837129216.0/10
 Right Out: 2.199 ± 0.000 χ^2/NDF : 3107113733134423203865144181391360.0/17
 Left In: 3.820 ± 0.000 χ^2/NDF : 5766476614530395245366846469177344.0/9
 All: 3.152 ± 0.000 χ^2/NDF : 19471732344580.0/32
 + sign 3.227 ± 0.000 χ^2/NDF : 95600584931165902.0/32
 - sign 3.079 ± 0.000 χ^2/NDF : 98949070573093504.0/32

dit_4aY_coil1_err_mean vs Slug



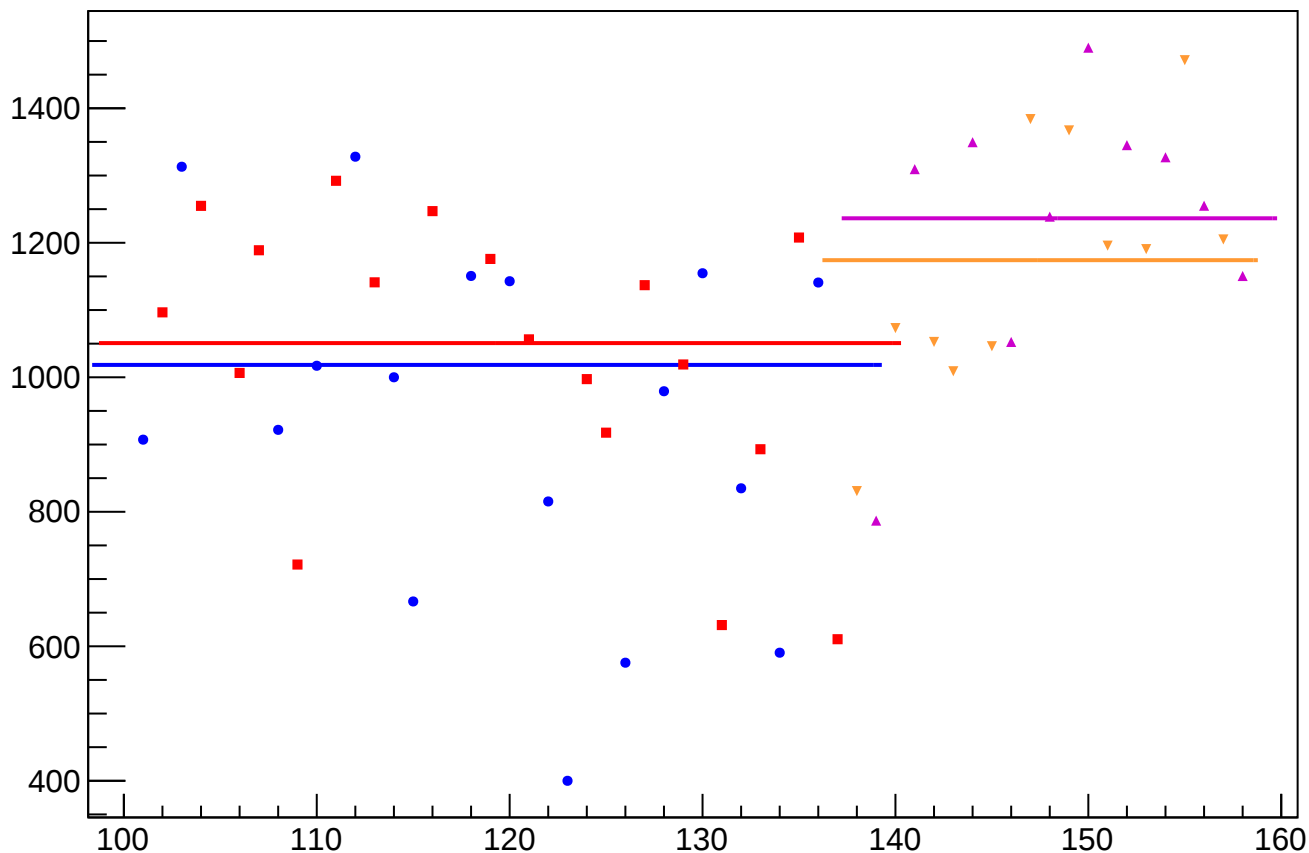
Right In: 1.647 $\pm$ 0.000 χ^2 /NDF: 651088572320131635658625105526784.0/16

Left Out: 1.890 $\pm$ 0.000 χ^2 /NDF: 83211525727885508571999382798336.0/10

Right Out: 1.483 $\pm$ 0.000 χ^2 /NDF: 413770473105203088009551048343552.0/17

Left In: 1.901 $\pm$ 0.000 χ^2 /NDF: 86170673934642252201253427740672.0/9

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

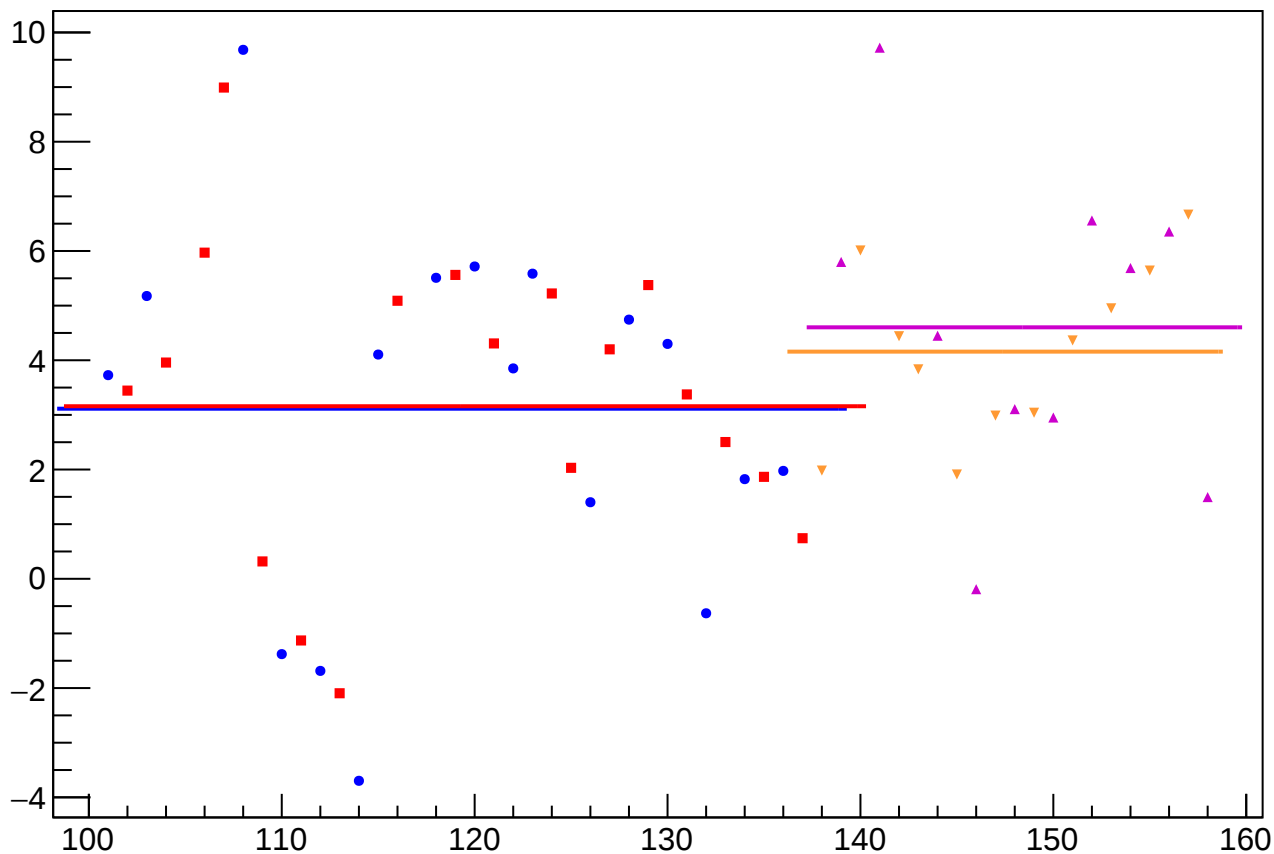
Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

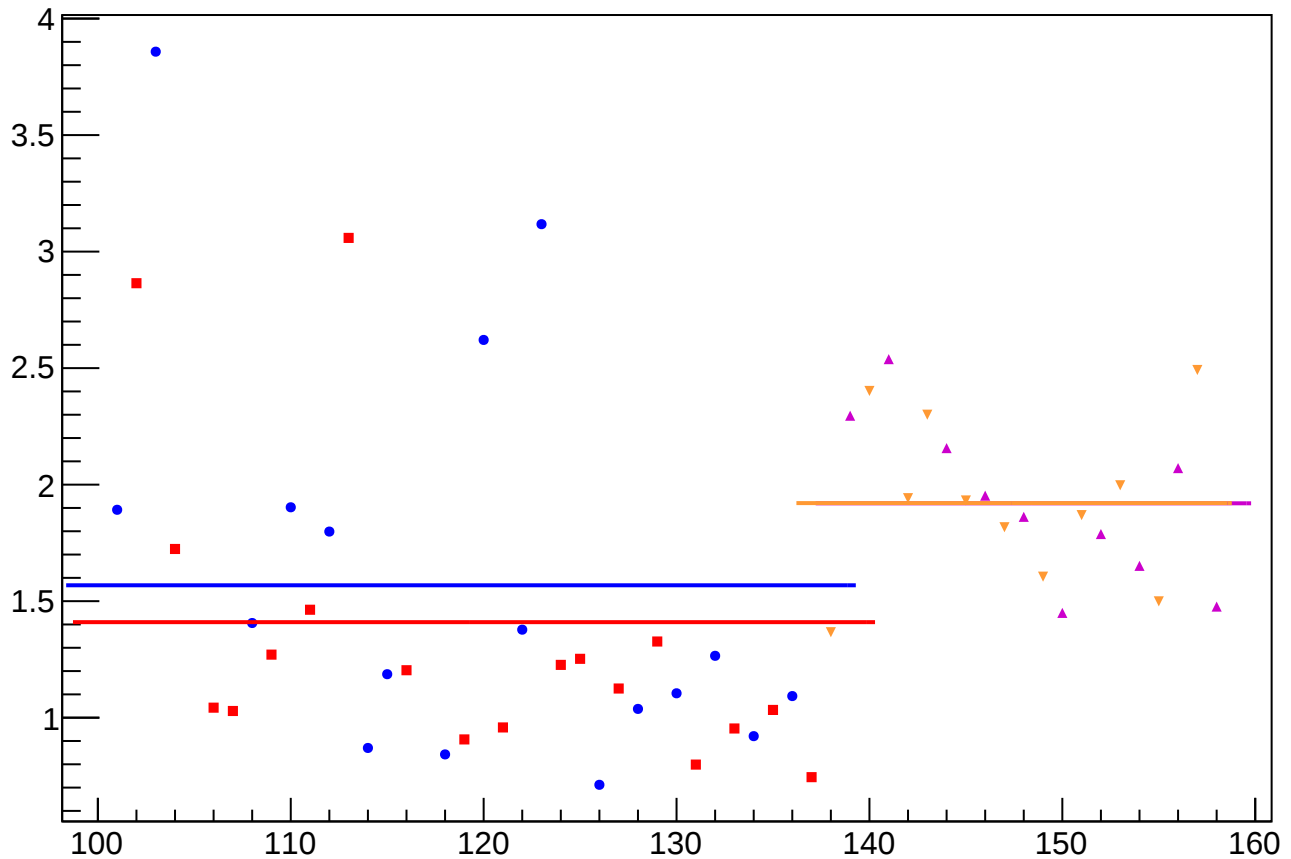
+ sign 1103.174+/-0.000 χ^2/NDF : 69522982248261
 All: 1127.731+/-0.000 χ^2/NDF : 14061687183
 - sign 1151.629+/-0.000 χ^2/NDF : 69281674409615

dit_4eY_coil1_mean vs Slug



Right In: 3.113+/-0.000 χ^2/NDF : 5969364473683453458180416326336512.0/16
 Left Out: 4.158+/-0.000 χ^2/NDF : 1965931908946591769740241516101632.0/10
 Right Out: 3.158+/-0.000 χ^2/NDF : 5013186540103138237647291198472192.0/17
 Left In: 4.603+/-0.000 χ^2/NDF : 6153561026719648175167239077494784.0/9

dit_4eY_coil1_err_mean vs Slug



Right In: 1.568 ± 0.000 χ^2/NDF : 496968559591870447992286312660992.0/16

Left Out: 1.921 ± 0.000 χ^2/NDF : 100882130905536864503478934831104.0/10

Right Out: 1.410 ± 0.000 χ^2/NDF : 328993477679498579442129623318528.0/17

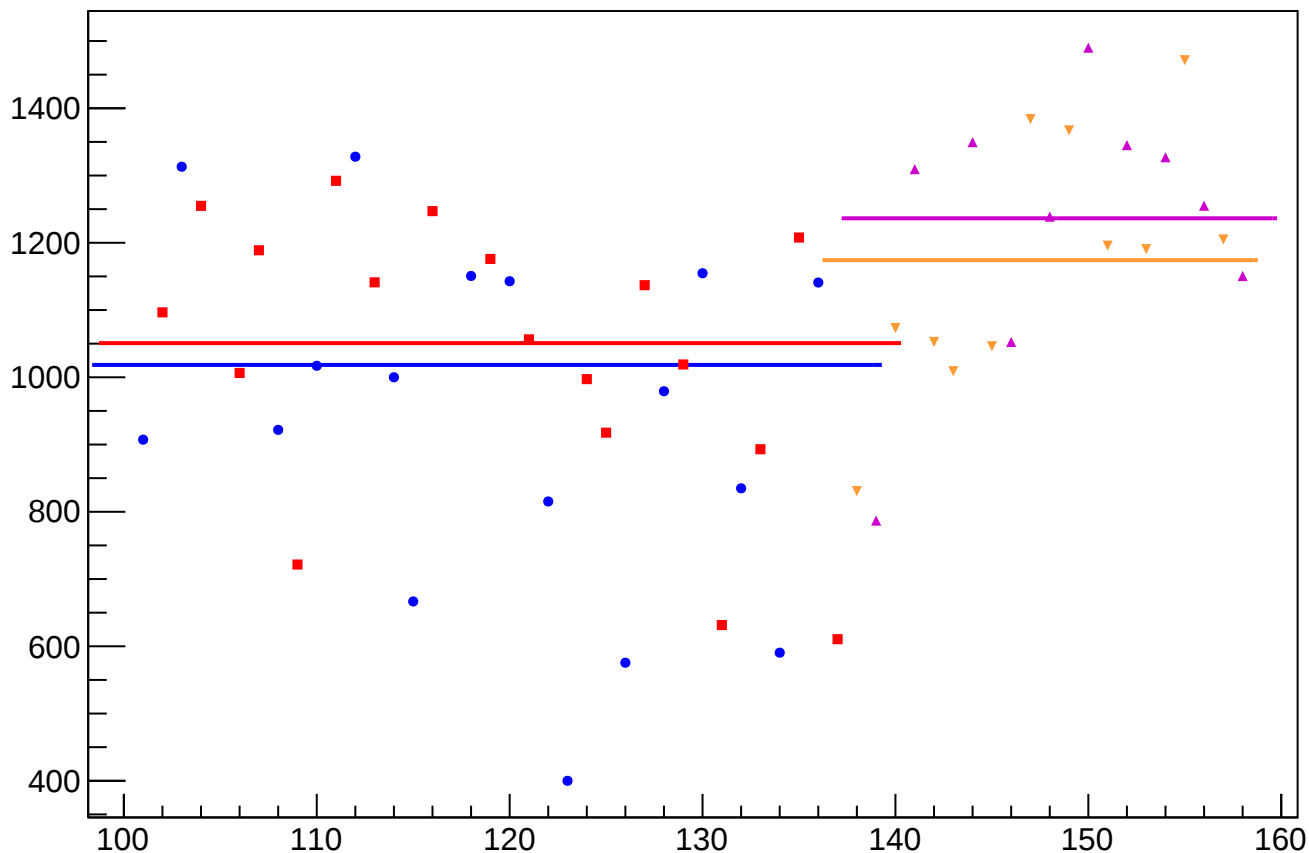
Left In: 1.920 ± 0.000 χ^2/NDF : 95117586958892340899007441141760.0/9

All: 1.723 ± 0.000 χ^2/NDF : 11740819698532.0/40

+ sign 1.760 ± 0.000 χ^2/NDF : 64482974113581415.0/40

- sign 1.687 ± 0.000 χ^2/NDF : 52511885654006962.0/40

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

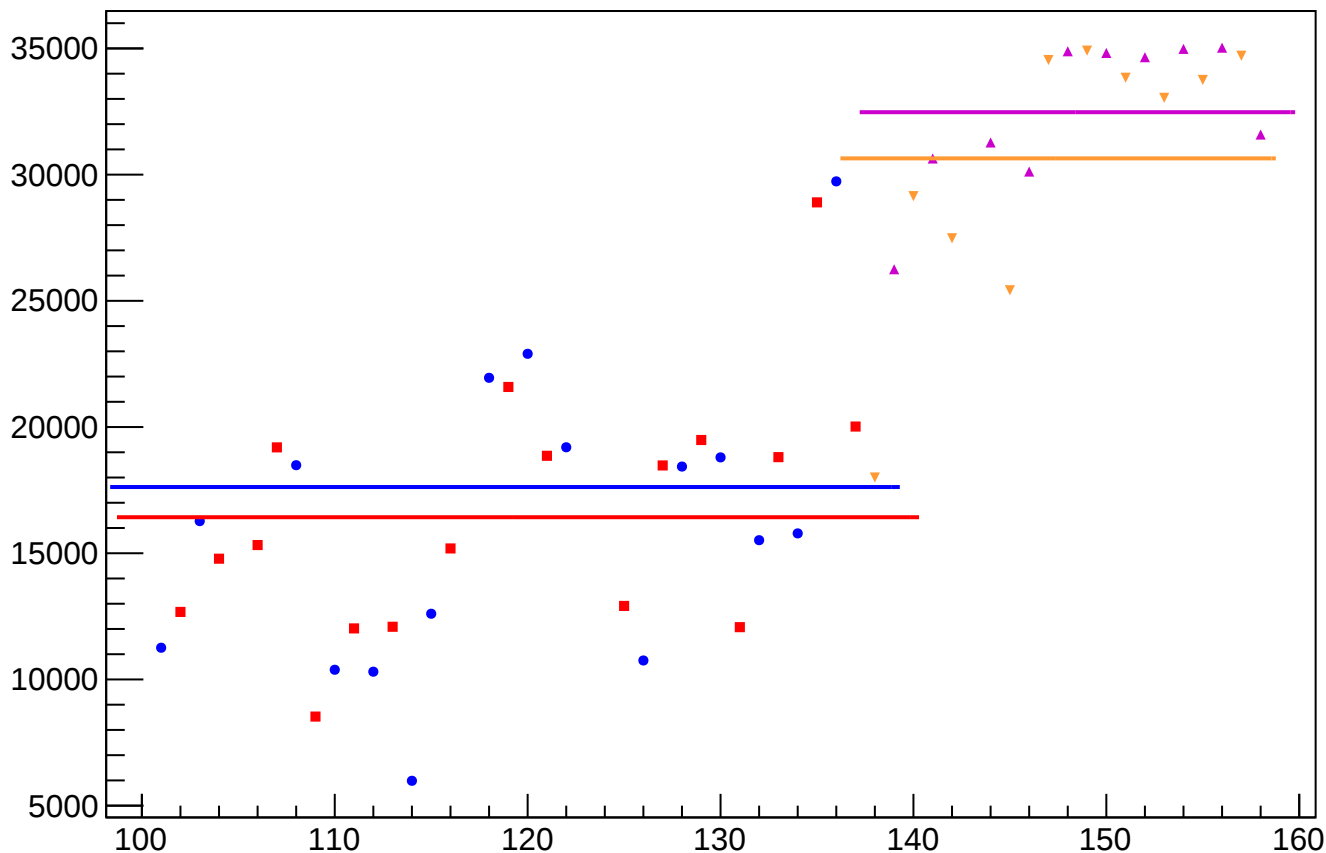
Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

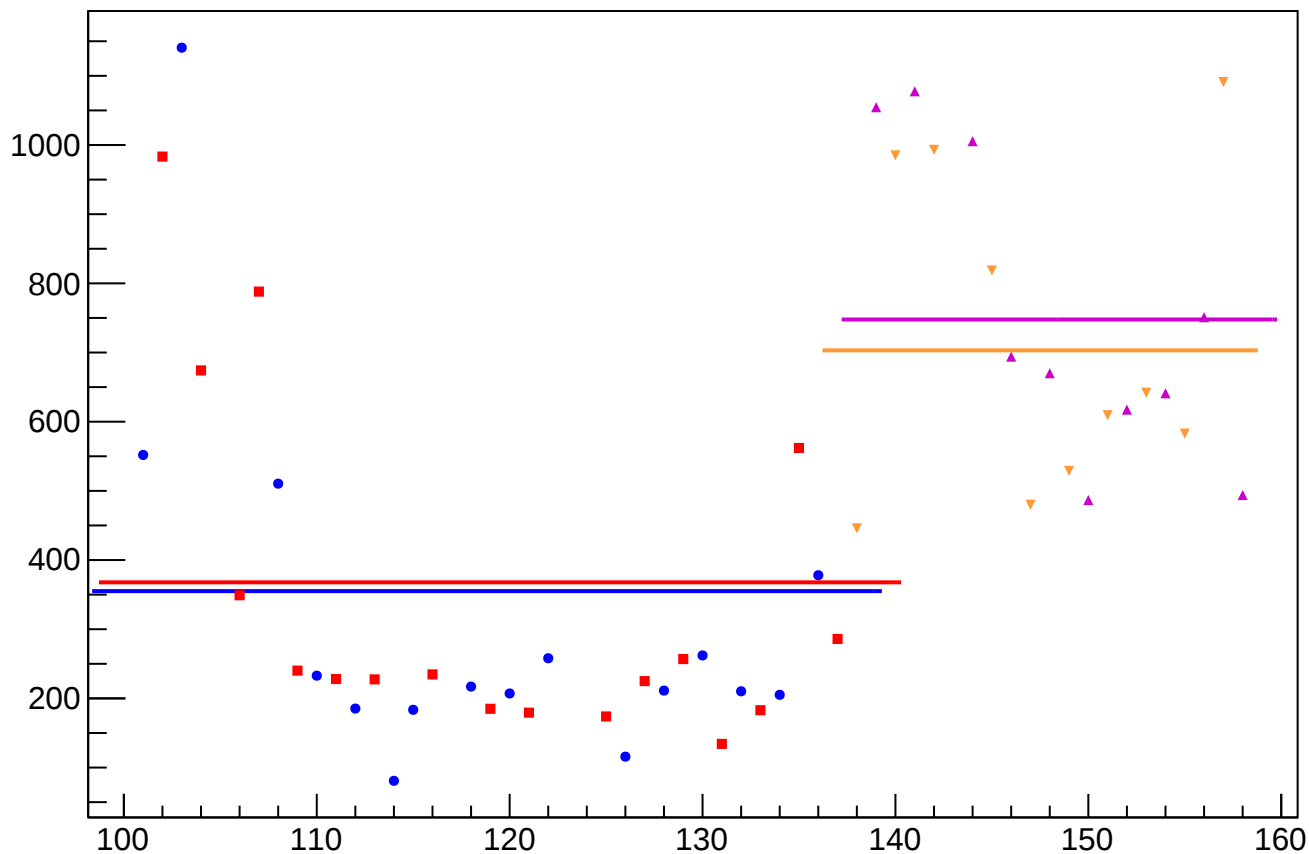
All: 1127.731+/-0.000 χ^2/NDF : 14061687183

dit_usl_coil1_mean vs Slug



Right In: 17623.415+/-0.000 χ^2/NDF : 26214852160510248108396540611197117923328.0/15
 Left Out: 30644.316+/-0.000 χ^2/NDF : 21230571371918449266067235451111343128576.0/9
 Right Out: 16427.279+/-0.000 χ^2/NDF : 17497664990525804314439933995132913713152.0/16
 Left In: 32474.038+/-0.000 χ^2/NDF : 6559348645372913636397577080983219339264.0/9

dit_usl_coil1_err_mean vs Slug



Right In: 355.072 $\pm$ 0.000 χ^2 /NDF: 50262750162224494428361272812030132224.0/15

+ sign 537.727 $\pm$ 0.000 χ^2 /NDF: 130437038120874

Left Out: 703.123 $\pm$ 0.000 χ^2 /NDF: 36308787660767003183297930110909284352.0/9

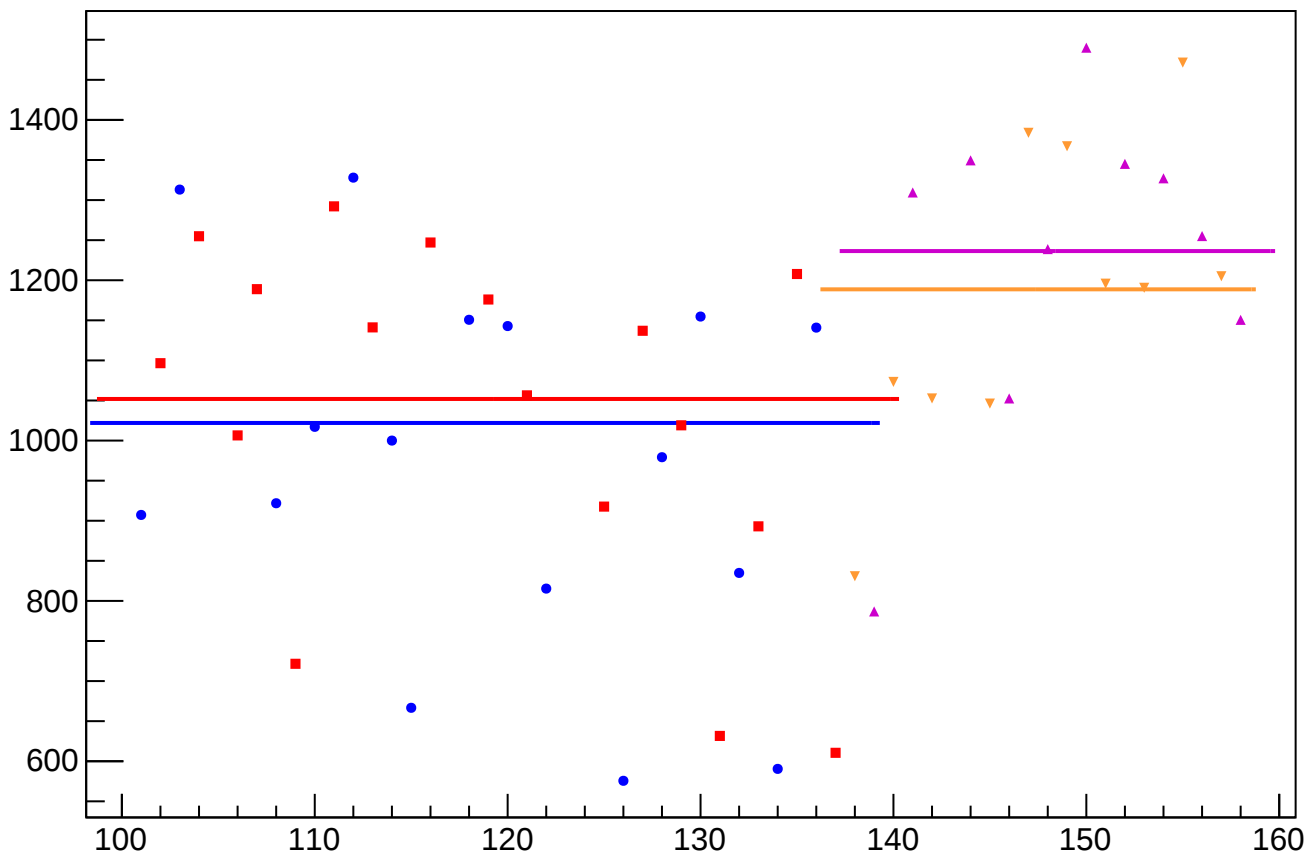
All: 557.503 $\pm$ 0.000 χ^2 /NDF: 271910481287

Right Out: 367.779 $\pm$ 0.000 χ^2 /NDF: 47461092327588428657122003339509235712.0/16

- sign 576.017 $\pm$ 0.000 χ^2 /NDF: 140373943061450

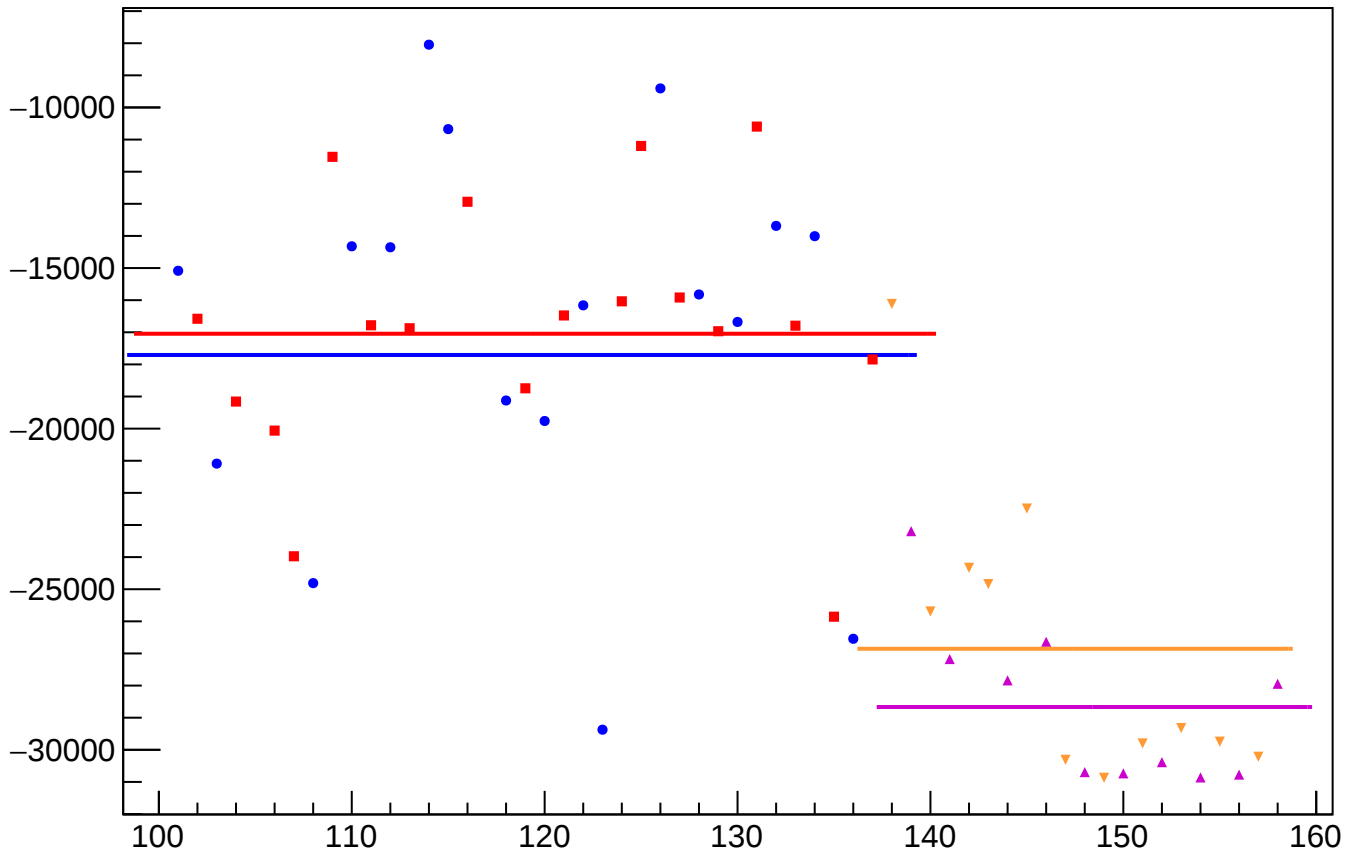
Left In: 747.752 $\pm$ 0.000 χ^2 /NDF: 37446357023662403904117782696389771264.0/9

dit_usl_coil1_Ndata_mean vs Slug



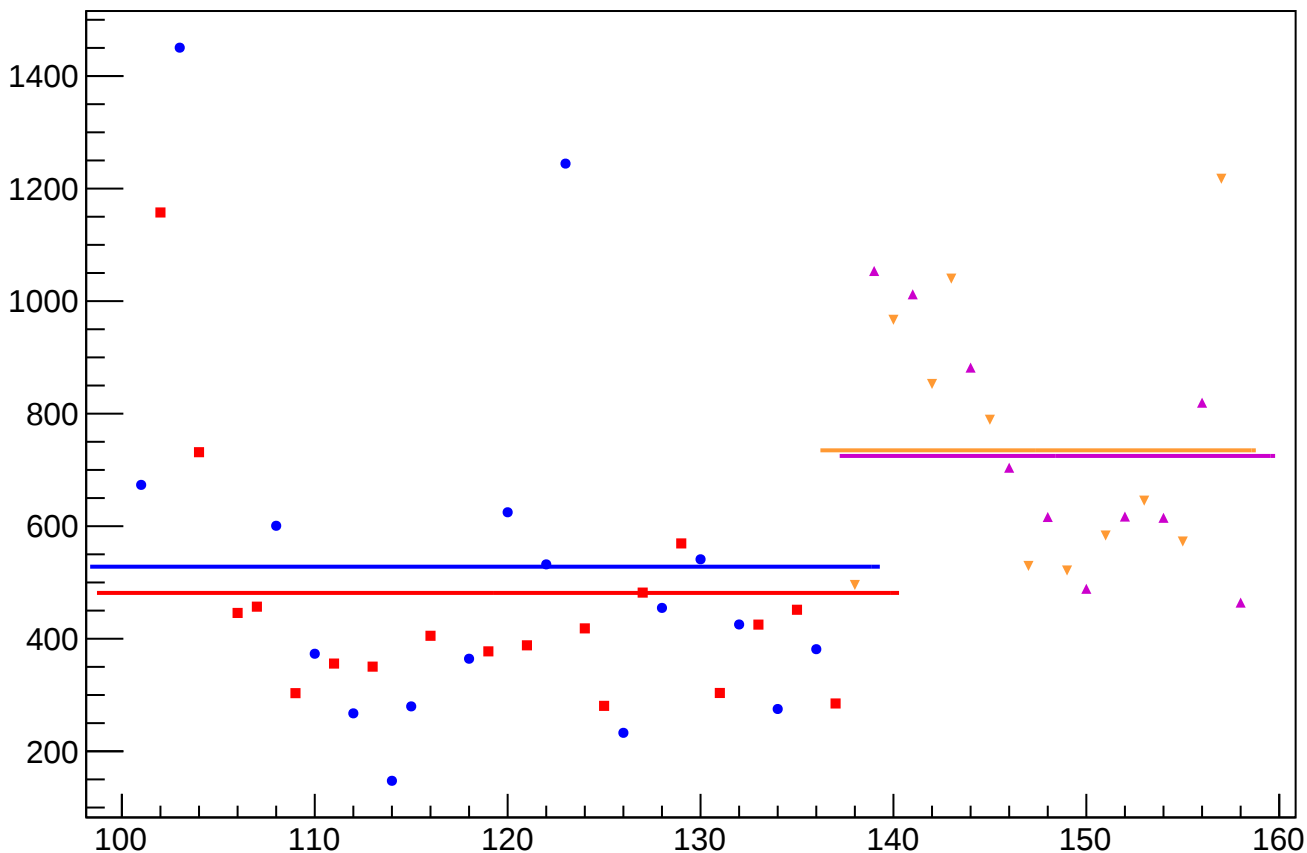
Right In: 1021.988+/-0.000	χ^2/NDF : 31240102732297466680062358937095110656.0/15	+ sign 1109.459+/-0.000	χ^2/NDF : 66893046744246
Left Out: 1188.664+/-0.000	χ^2/NDF : 25593321393285158353826149561412878336.0/9	All: 1131.958+/-0.000	χ^2/NDF : 13726139798
Right Out: 1051.912+/-0.000	χ^2/NDF : 26857120331966502825045576618889707520.0/16	- sign 1153.022+/-0.000	χ^2/NDF : 68945159215362
Left In: 1236.408+/-0.000	χ^2/NDF : 29011215487479499501392823898483982336.0/9		

dit_usr_coil1_mean vs Slug



Right In: -17706.432+/-0.000	χ^2/NDF : 17446583920719856354509663675734298722304.0/16
Left Out: -26853.346+/-0.000	χ^2/NDF : 16134333091256376406633740494026502569984.0/10
Right Out: -17045.413+/-0.000	χ^2/NDF : 10956517506901040130363493382016229965824.0/17
Left In: -28667.116+/-0.000	χ^2/NDF : 4835865440112179611462846801114323484672.0/9
+ sign -22685.284+/-0.000 χ^2/NDF : 651864631544	
All: -23025.974+/-0.000 χ^2/NDF : 133778209	
- sign -23357.520+/-0.000 χ^2/NDF : 6824294295819	

dit_usr_coil1_err_mean vs Slug



Right In: 528.041+/-0.000 χ^2/NDF : 69659723827653646879006199384029265920.0/16

Left Out: 734.825+/-0.000 χ^2/NDF : 44896569237800563641856659879396114432.0/10

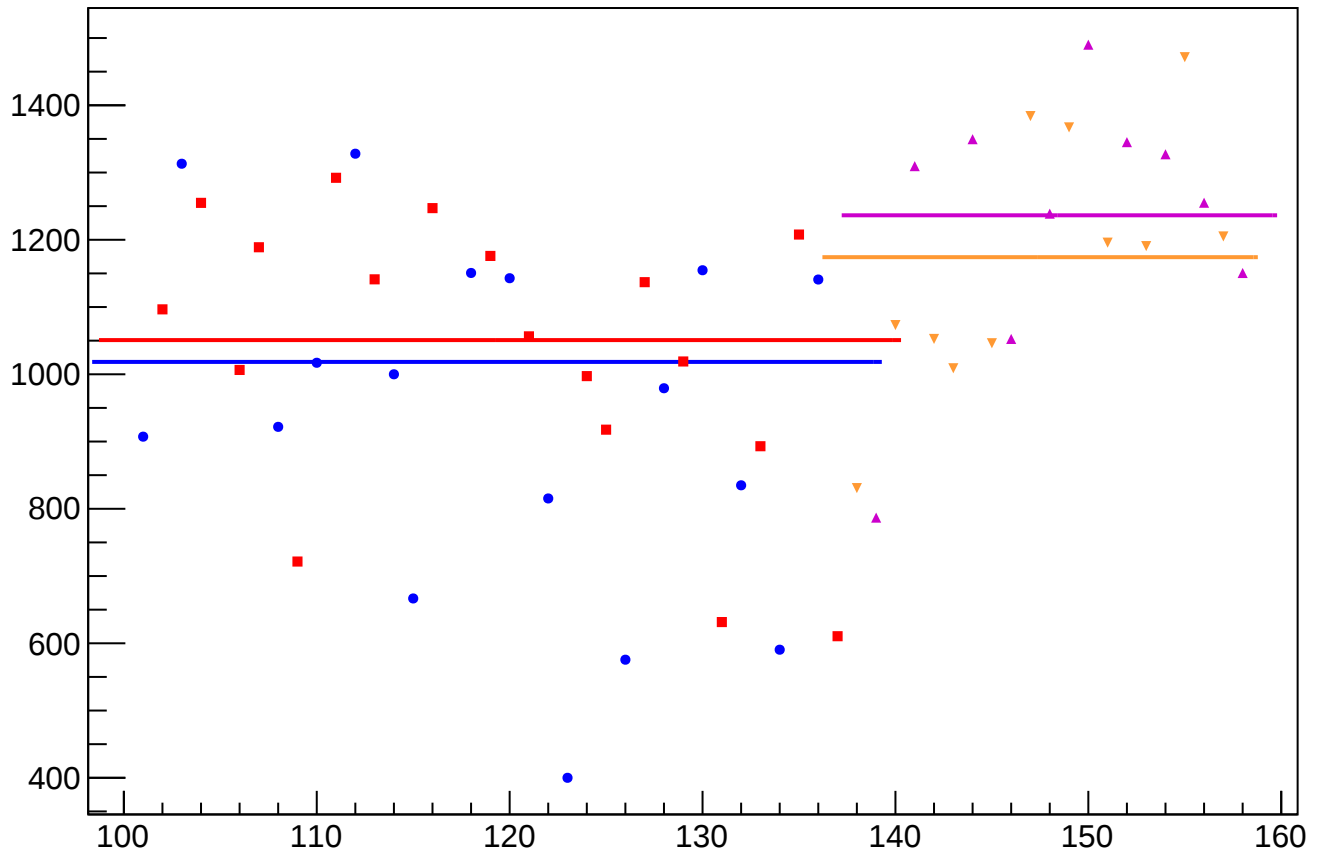
Right Out: 481.423+/-0.000 χ^2/NDF : 37781807344960782949995964438094544896.0/17

Left In: 724.866+/-0.000 χ^2/NDF : 32360177604453390716661658468734730240.0/9

All: 626.938+/-0.000 χ^2/NDF : 224426584392.0/10

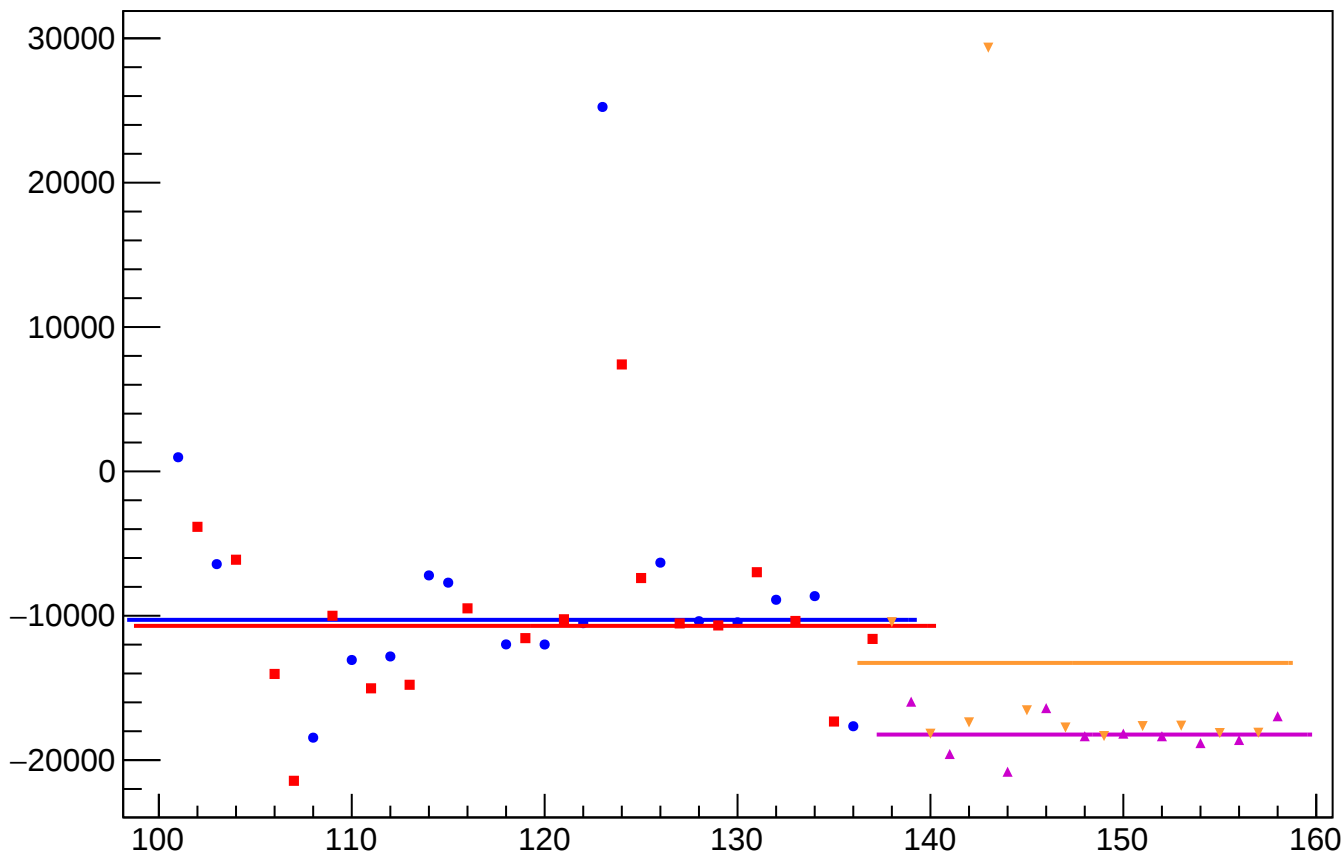
- sign 613.644+/-0.000 χ^2/NDF : 931568156385151.0/10

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

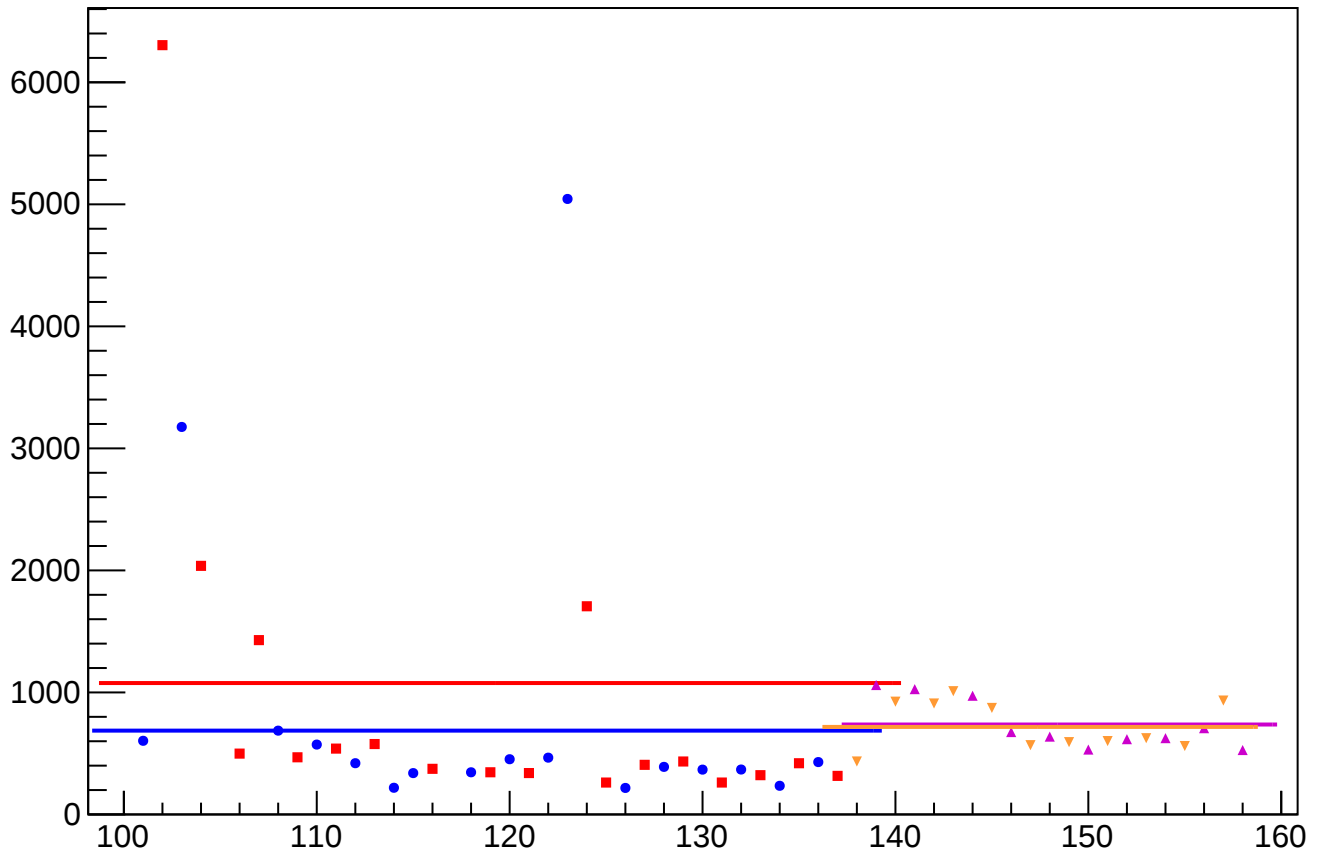
dit_atl1_coil1_mean vs Slug



Right In: -10283.660+/-0.000	χ^2/NDF : 22542685724167344155071704935611221671936.0/16
Left Out: -13267.355+/-0.000	χ^2/NDF : 136333375136403954473902732405674801627136.0/10
Right Out: -10700.860+/-0.000	χ^2/NDF : 17608009820774086602629870631925827239936.0/17
Left In: -18230.344+/-0.000	χ^2/NDF : 1618300832186140931375737725987737042944.0/9

+ sign -11907.746+/-0.000 χ^2/NDF : 162239031832
 All: -13368.654+/-0.000 χ^2/NDF : 209895174
 - sign -14790.356+/-0.000 χ^2/NDF : 4124244128023

dit_atl1_coil1_err_mean vs Slug



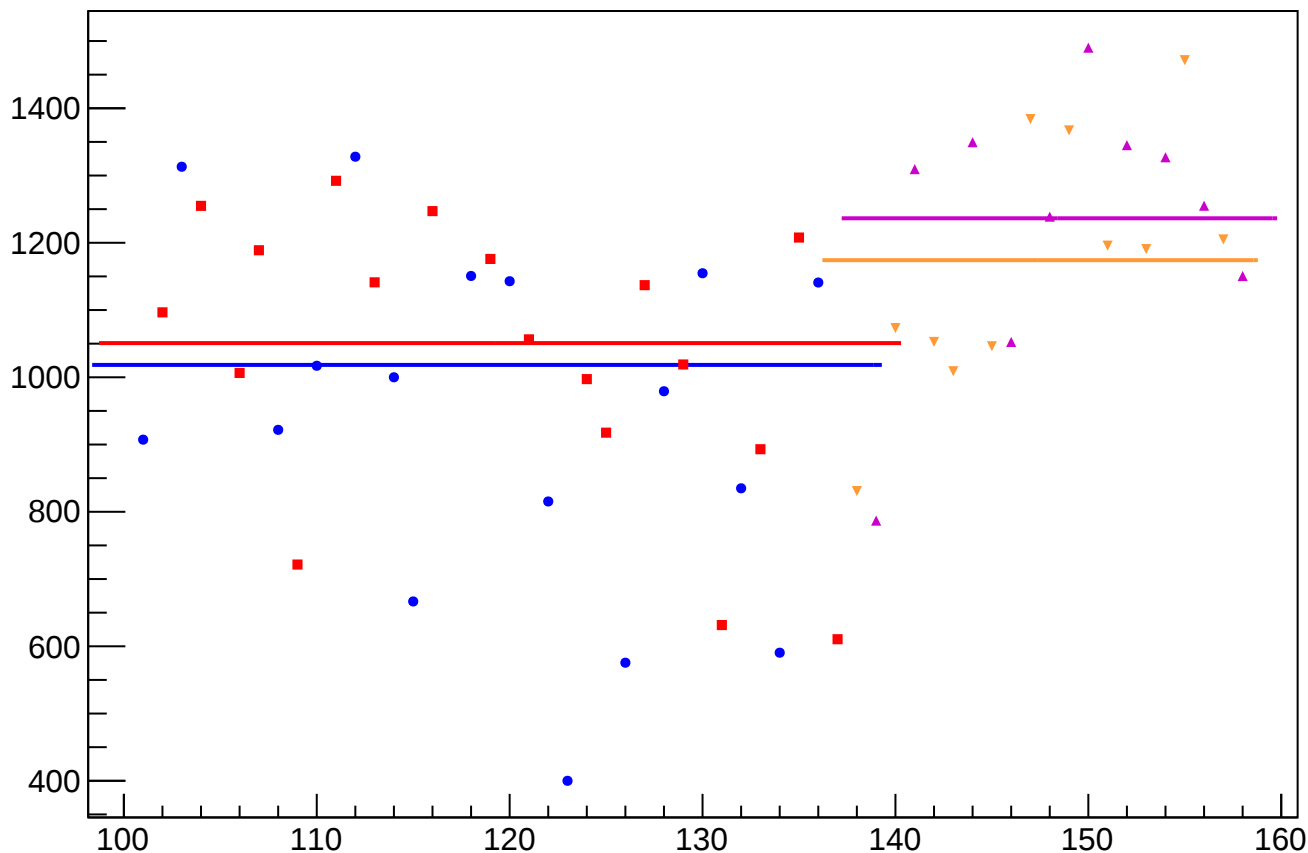
Right In: 686.989+/-0.000 χ^2/NDF : 493304193623954738914781428530632720384.0/16

Left Out: 717.363+/-0.000 χ^2/NDF : 29332148937242306089017746402633056256.0/10

Right Out: 1076.905+/-0.000 χ^2/NDF : 1898129082549914246384223466564869947392.0/17

Left In: 737.031+/-0.000 χ^2/NDF : 31526561857245456864199211803866038272.0/9

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

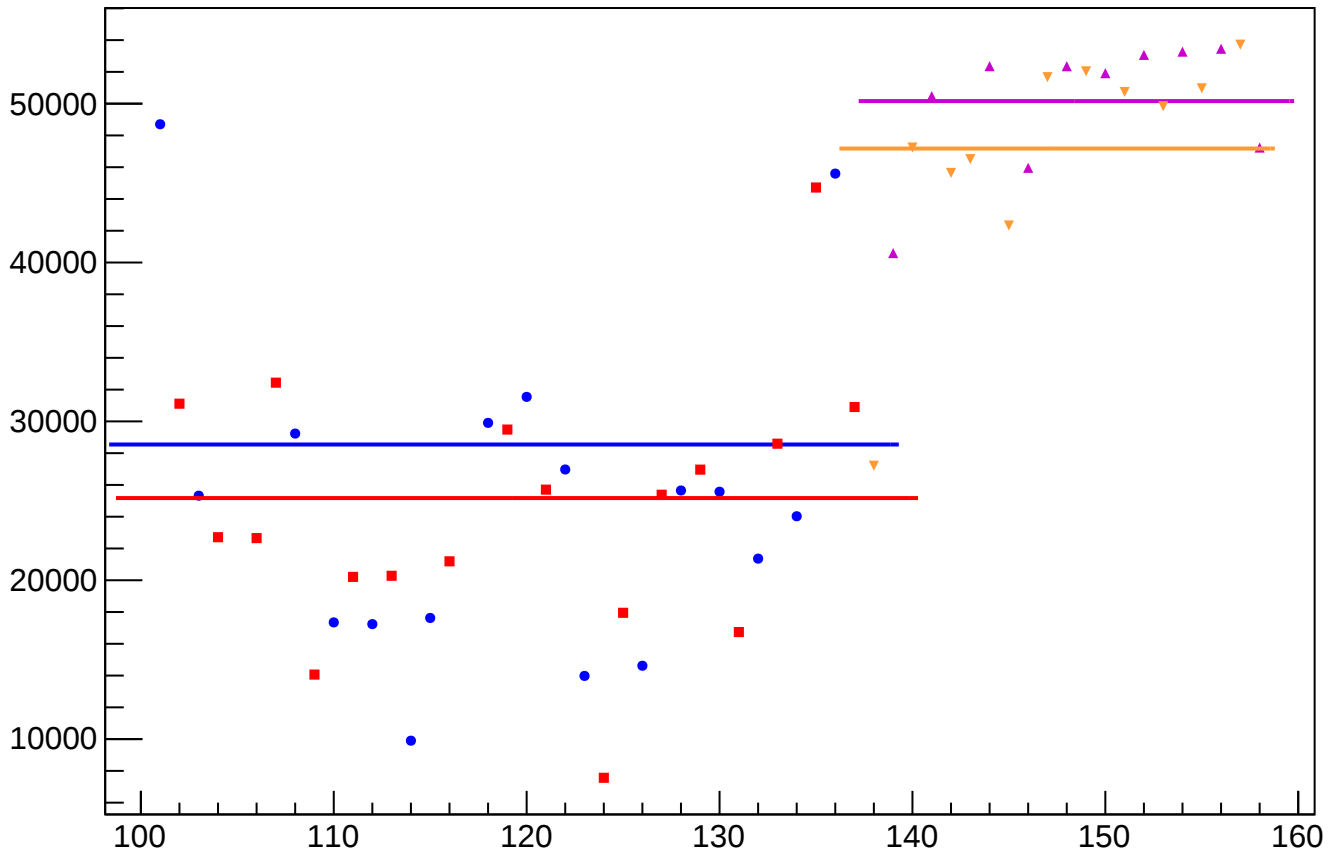
Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

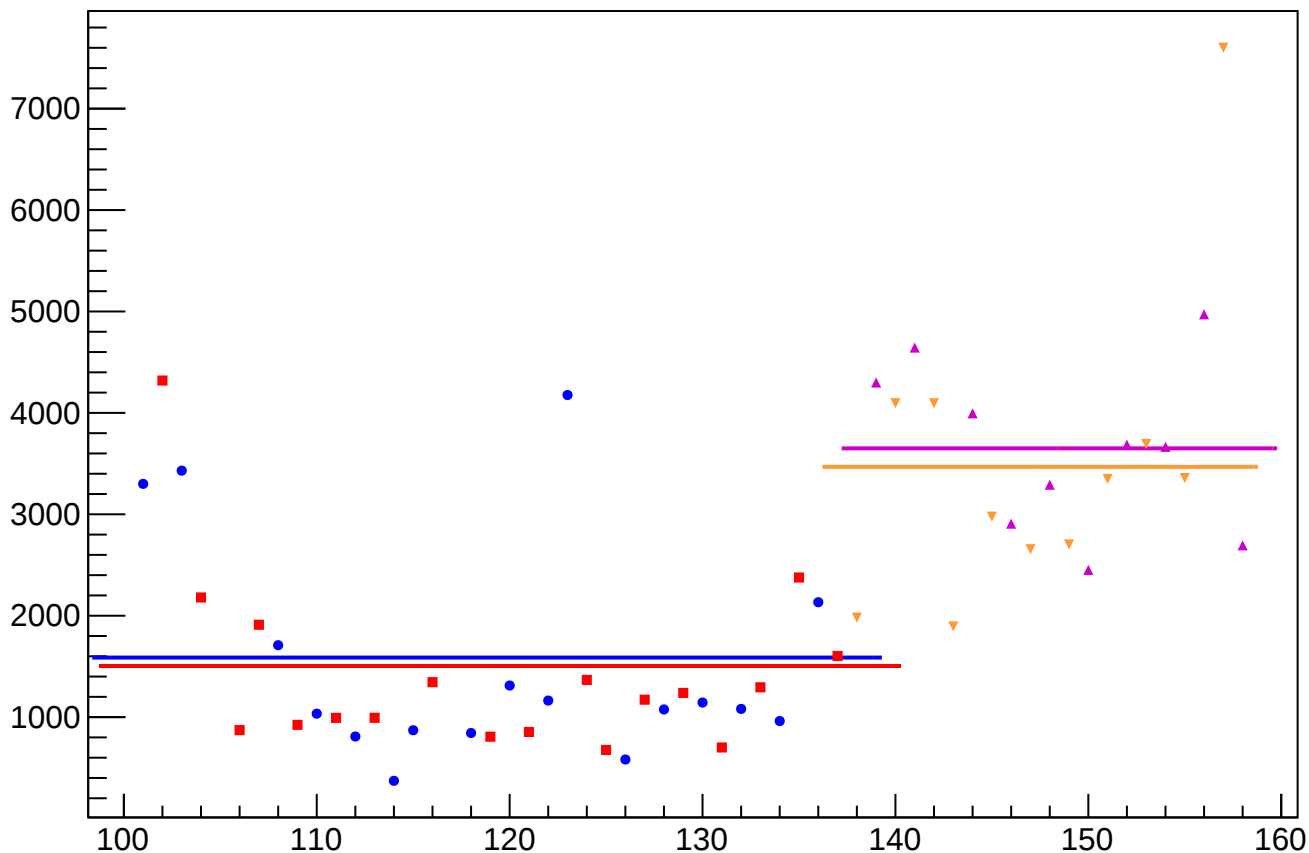
+ sign 1103.174+/-0.000 χ^2/NDF : 69522982248261
 All: 1127.731+/-0.000 χ^2/NDF : 14061687183
 - sign 1151.629+/-0.000 χ^2/NDF : 69281674409615

dit_atl2_coil1_mean vs Slug



Right In: 28545.088+/-0.000 χ^2/NDF : 79305503092498524397532941064889916456960.0/16
 Left Out: 47175.660+/-0.000 χ^2/NDF : 42508306455922255244976684639910145032192.0/10
 Right Out: 25173.072+/-0.000 χ^2/NDF : 42747079455180569490134671830323044548608.0/17
 Left In: 50161.555+/-0.000 χ^2/NDF : 13163879197669607003584692654891654447104.0/9

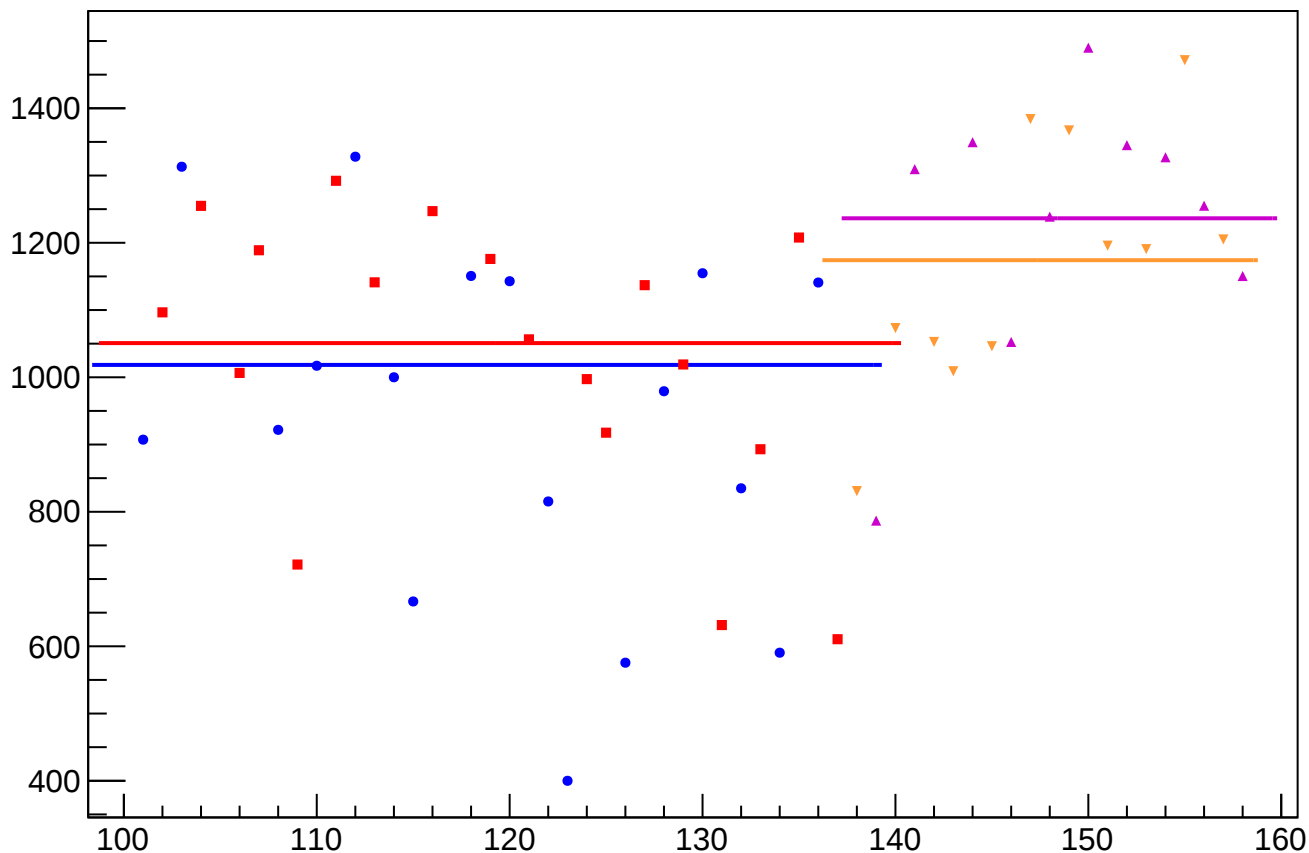
dit_atl2_coil1_err_mean vs Slug



Right In: 1587.187+/-0.000	χ^2/NDF : 615324434940076903003531567179686215680.0/16
Left Out: 3468.006+/-0.000	χ^2/NDF : 1778734799907852445402939379164959997952.0/10
Right Out: 1504.230+/-0.000	χ^2/NDF : 678771439829187339393474850676239499264.0/17
Left In: 3650.096+/-0.000	χ^2/NDF : 529976291892017373054660794765193248768.0/9

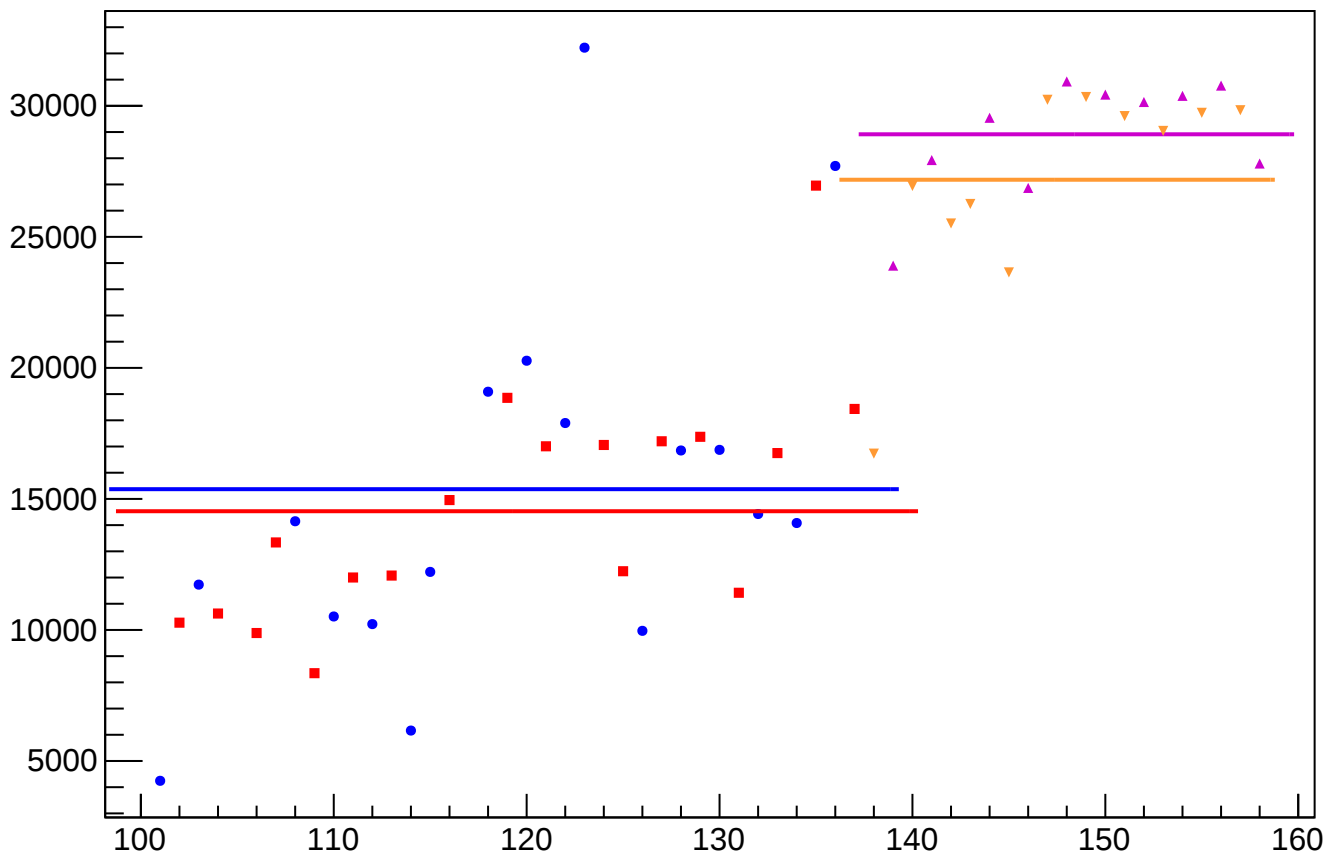
+ sign 2610.955+/-0.000 χ^2/NDF : 37303715323236
 All: 2640.735+/-0.000 χ^2/NDF : 67299837485
 - sign 2669.717+/-0.000 χ^2/NDF : 29969470715557

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

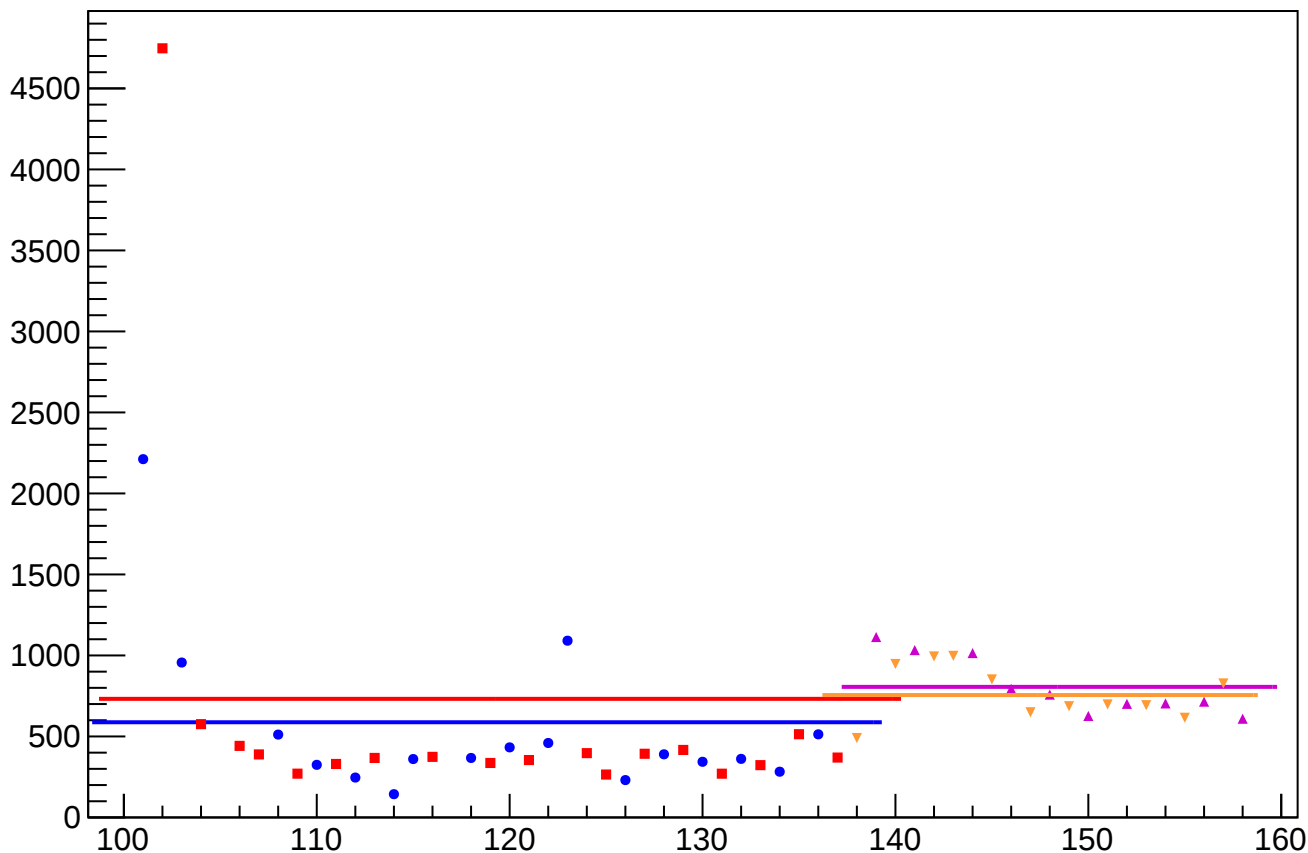
dit_atr1_coil1_mean vs Slug



Right In: 15371.957+/-0.000	χ^2/NDF : 29284474571084462407736251938608521412608.0/16
Left Out: 27179.838+/-0.000	χ^2/NDF : 13040979950714409611684361059473553358848.0/10
Right Out: 14530.553+/-0.000	χ^2/NDF : 15462988113686651104588076983529515253760.0/17
Left In: 28914.284+/-0.000	χ^2/NDF : 3750544409717559537761431542417474977792.0/9

+ sign 21799.228+/-0.000 χ^2/NDF : 9499481484571
 All: 22074.712+/-0.000 χ^2/NDF : 1947804674
 - sign 22342.803+/-0.000 χ^2/NDF : 9955758882958

dit_atr1_coil1_err_mean vs Slug



Right In: 587.577+/-0.000 χ^2/NDF : 195107984512310448986091727250308202496.0/16

Left Out: 755.516+/-0.000 χ^2/NDF : 19596615271956815738538107661226868736.0/10

Right Out: 732.166+/-0.000 χ^2/NDF : 1022613131551712750449458449642369843200.0/17

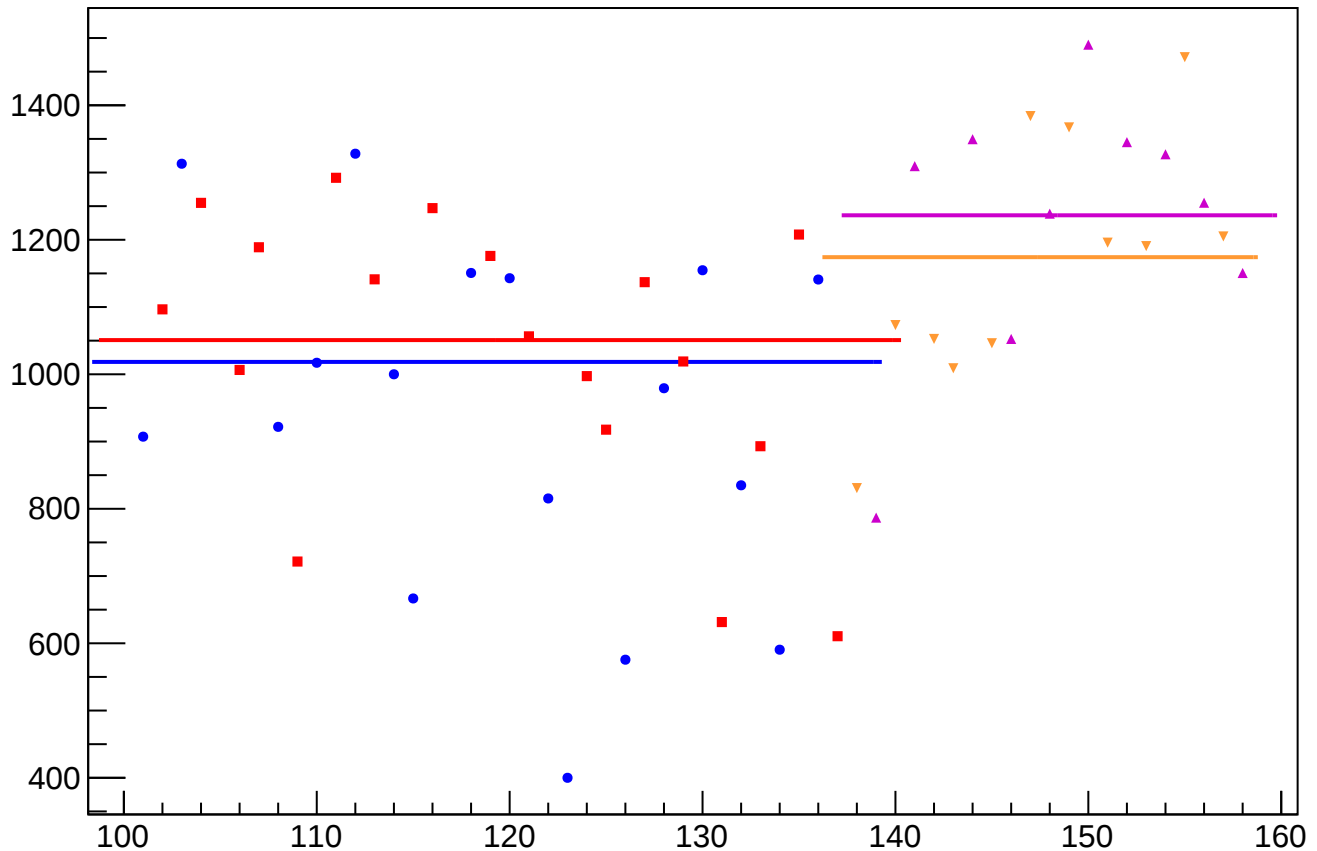
Left In: 806.047+/-0.000 χ^2/NDF : 24738781881742226231650560006785335296.0/9

All: 726.276+/-0.000 χ^2/NDF : 128154963365

+ sign 678.990+/-0.000 χ^2/NDF : 225358663077416

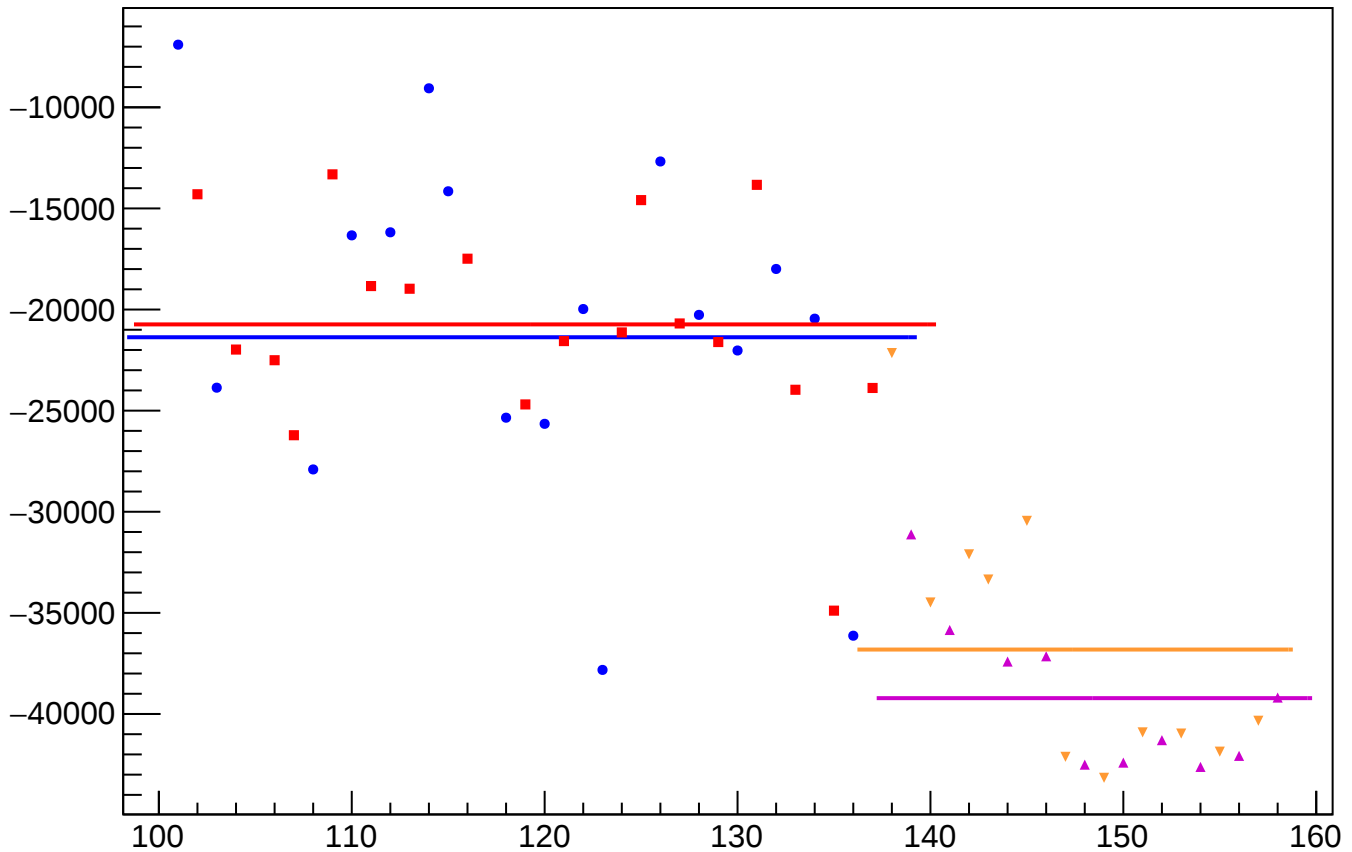
- sign 772.293+/-0.000 χ^2/NDF : 104947156987431

dit_atr1_coil1_Ndata_mean vs Slug



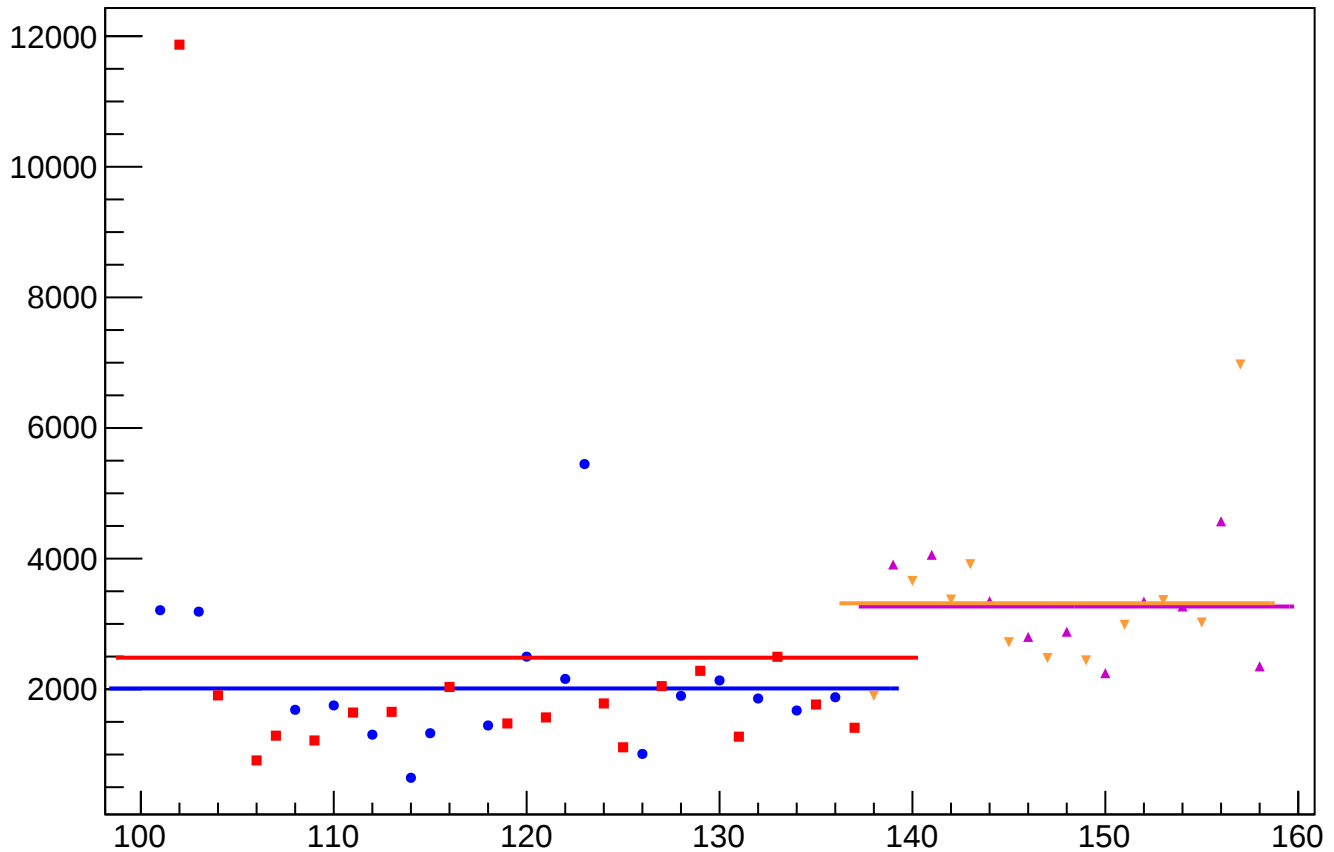
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_atr2_coil1_mean vs Slug



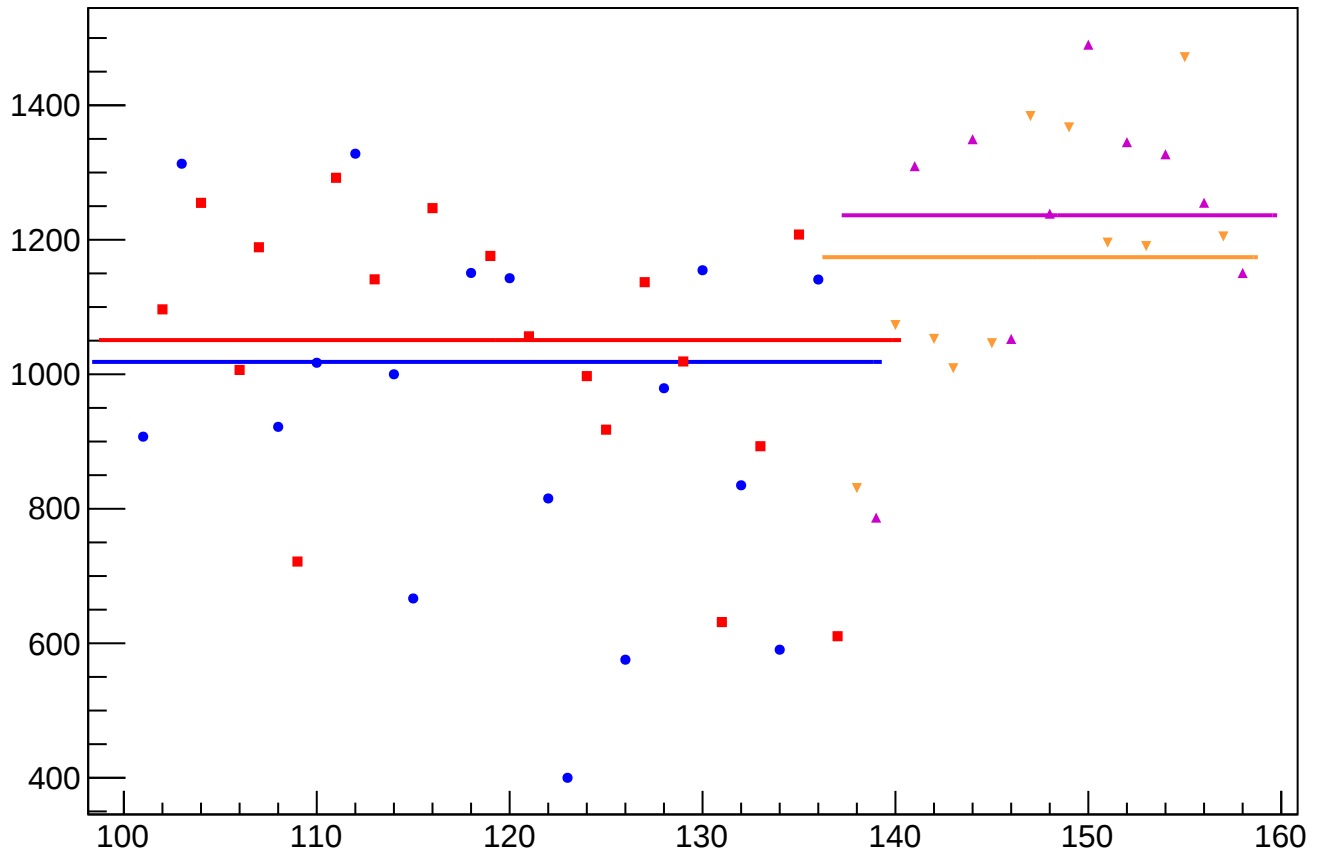
Right In: -21370.339+/-0.000 χ^2/NDF : 44476087148423218769698830448172004802560.0/16
 Left Out: -36813.851+/-0.000 χ^2/NDF : 33484147617138685666199793438190500577280.0/10
 Right Out: -20735.001+/-0.000 χ^2/NDF : 21267884844776863671050573800564620001280.0/17
 Left In: -39217.223+/-0.000 χ^2/NDF : 10815703752431874577948437575292921315328.0/9

dit_atr2_coil1_err_mean vs Slug



Right In: 2011.970+/-0.000 χ^2/NDF : 346652592308673178727003456260959895552.0/16
 Left Out: 3316.631+/-0.000 χ^2/NDF : 1342336641729567264240475526937758924800.0/10
 Right Out: 2482.921+/-0.000 χ^2/NDF : 5673812113008855047349052904680066121728.0/17
 Left In: 3266.512+/-0.000 χ^2/NDF : 417121661165464644119540264977928552448.0/9

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

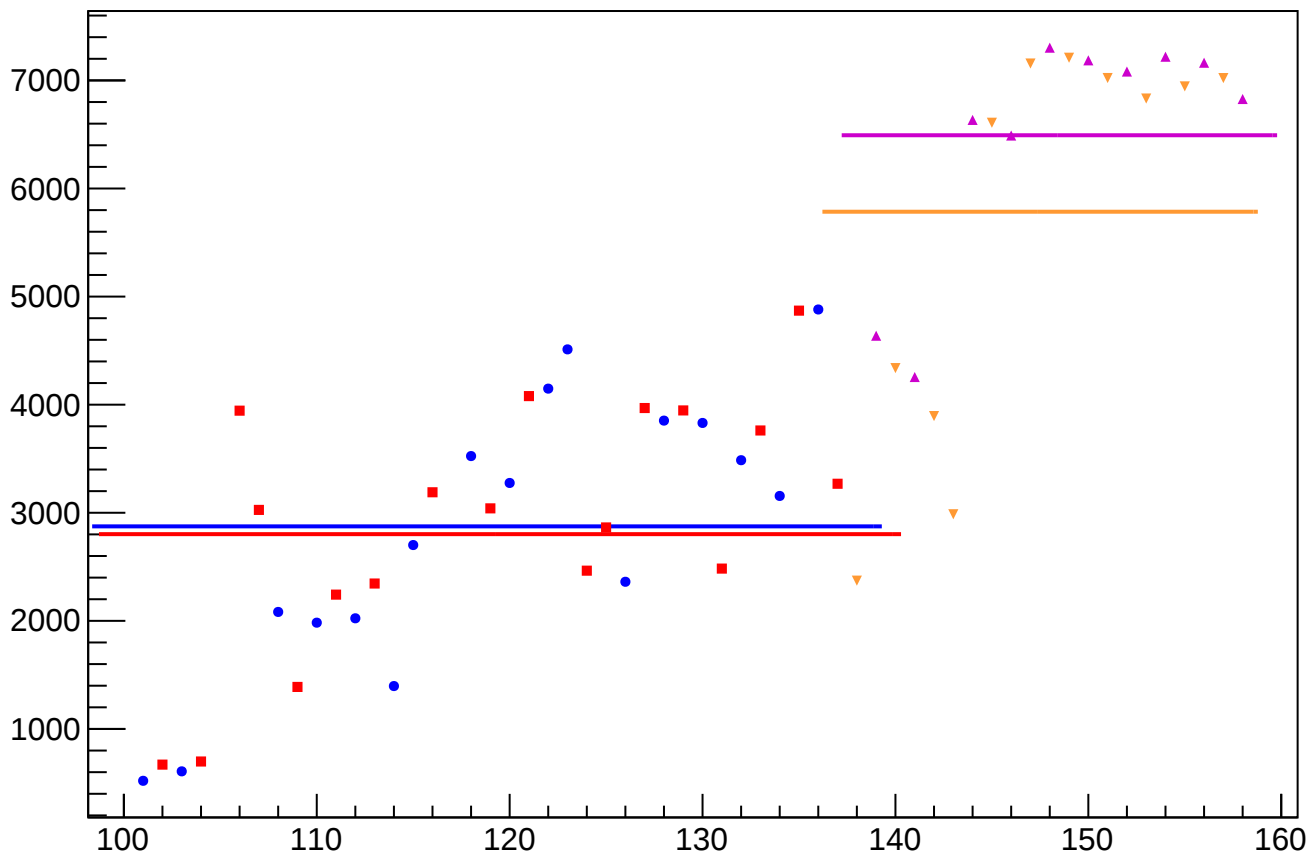
Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

+ sign 1103.174+/-0.000 χ^2/NDF : 69522982248261

All: 1127.731+/-0.000 χ^2/NDF : 14061687183

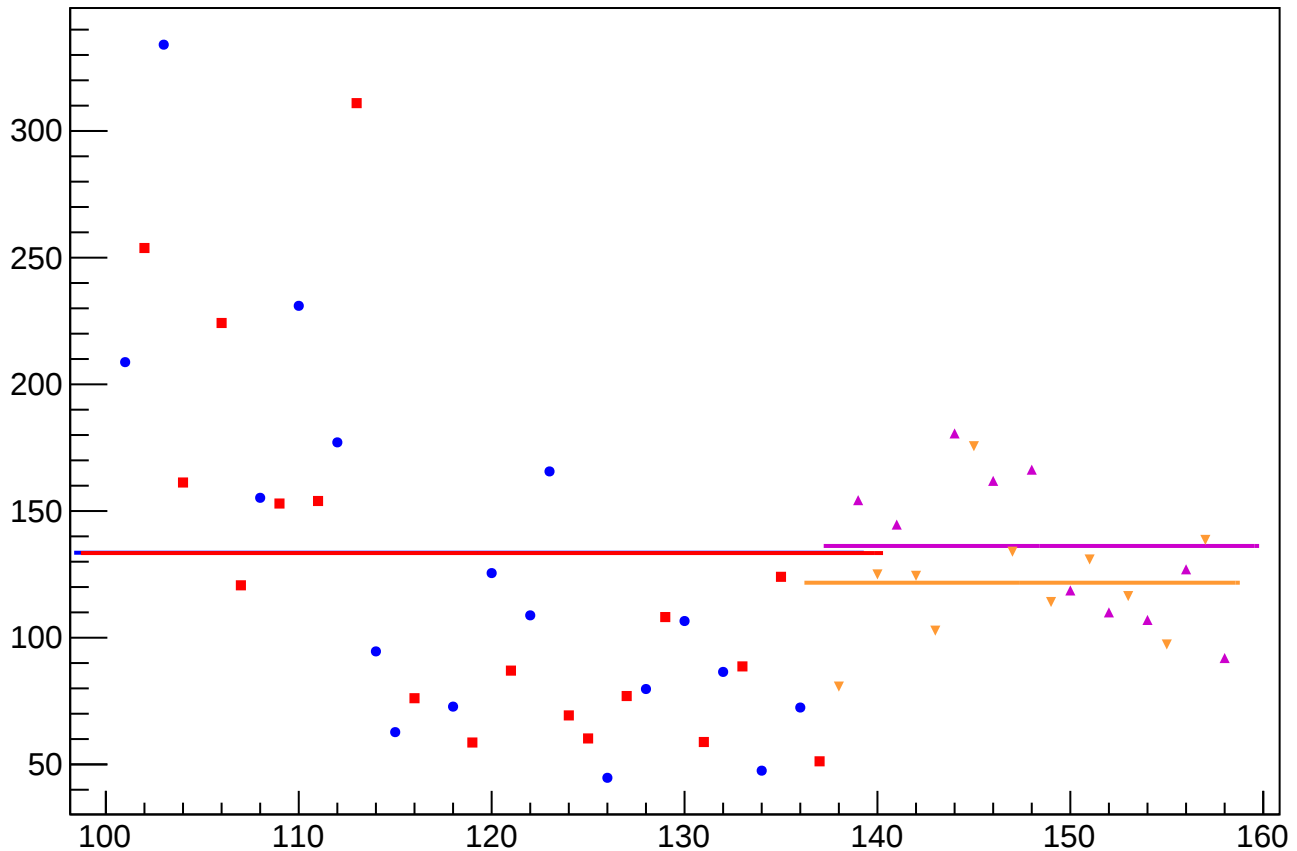
- sign 1151.629+/-0.000 χ^2/NDF : 69281674409615

dit_sam1_coil1_mean vs Slug



Right In: 2874.142+/-0.000	χ^2/NDF : 1331222919424099285024540359740568371200.0/16	+ sign 4458.679+/-0.000	χ^2/NDF : 71038516140327
Left Out: 5785.178+/-0.000	χ^2/NDF : 2571455051080286553022751042851785670656.0/10	All: 4635.005+/-0.000	χ^2/NDF : 14508851215
Right Out: 2802.151+/-0.000	χ^2/NDF : 1095477572477657195402092119674444578816.0/17	- sign 4806.600+/-0.000	χ^2/NDF : 73115670406743
Left In: 6492.695+/-0.000	χ^2/NDF : 926874762371177112730585218689873739776.0/9		

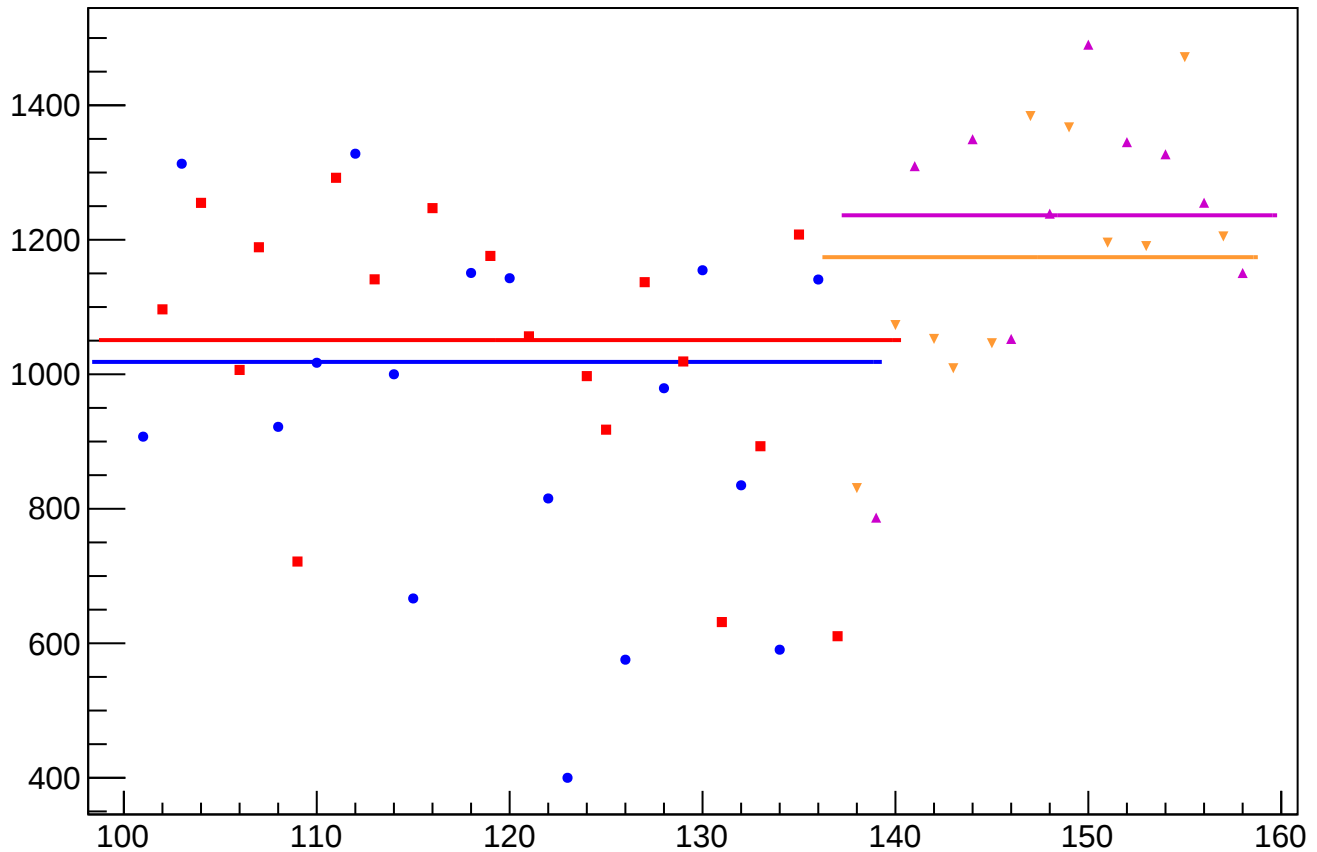
dit_sam1_coil1_err_mean vs Slug



Right In: 133.542+/-0.000	χ^2/NDF : 4543635536863363524362136904007680000.0/16
Left Out: 121.710+/-0.000	χ^2/NDF : 476724675754142112270735034598555648.0/10
Right Out: 133.414+/-0.000	χ^2/NDF : 3923674220000100911612282920536899584.0/17
Left In: 136.215+/-0.000	χ^2/NDF : 668114001165448624476389819119828992.0/9

+ sign 127.101+/-0.000 χ^2/NDF : 507324833658868
 All: 131.072+/-0.000 χ^2/NDF : 971545255194
 - sign 134.935+/-0.000 χ^2/NDF : 459483521346724

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

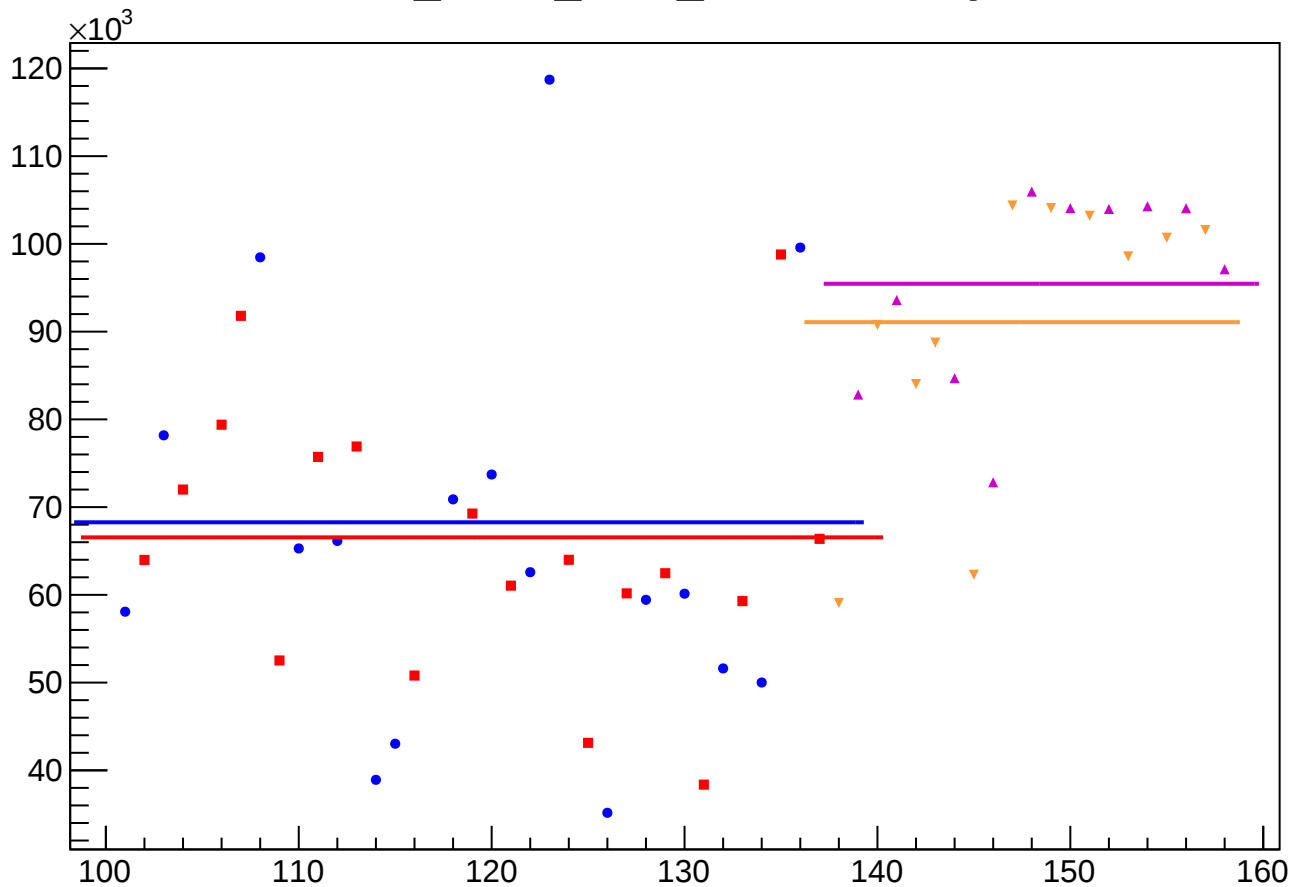
Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

+ sign 1103.174+/-0.000 χ^2/NDF : 69522982248261

All: 1127.731+/-0.000 χ^2/NDF : 14061687183

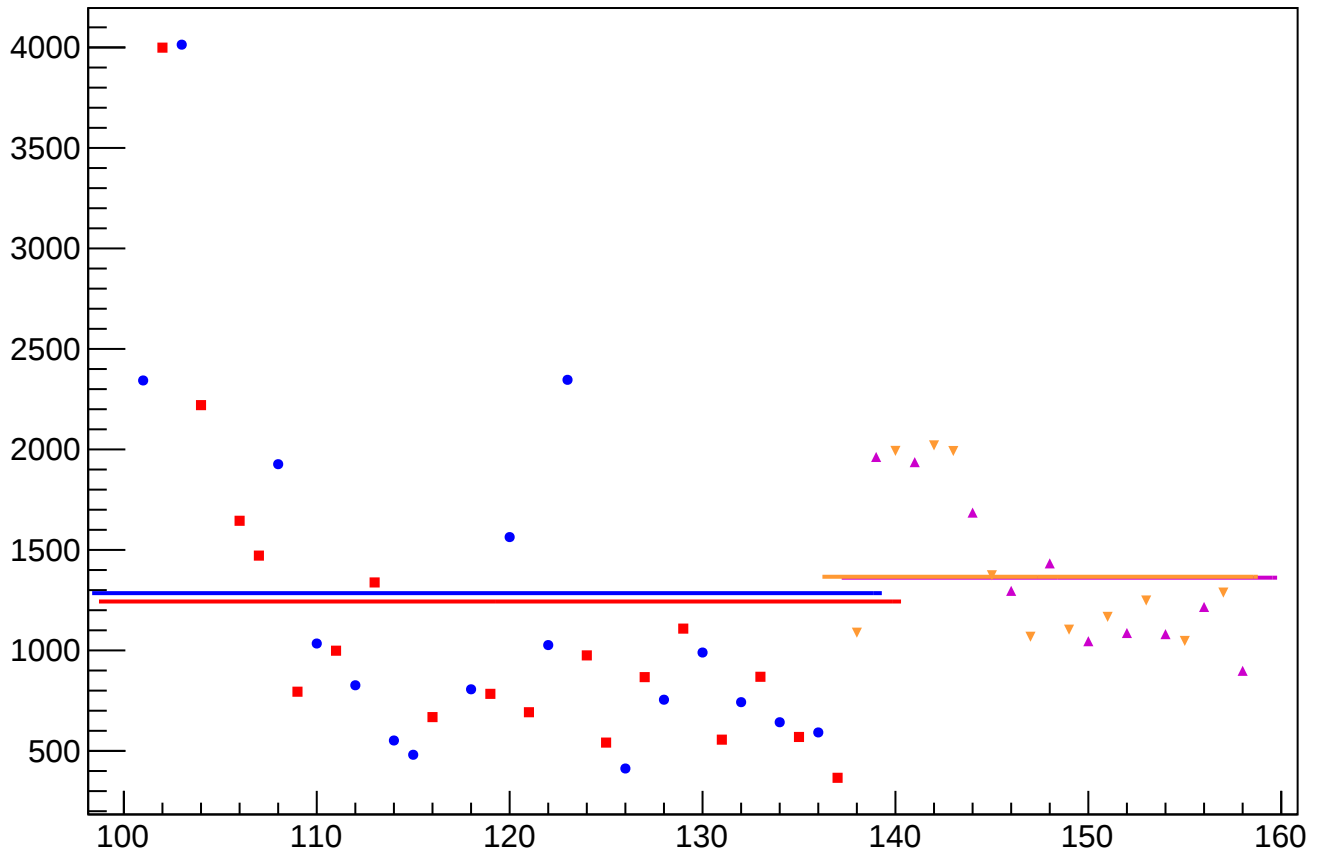
- sign 1151.629+/-0.000 χ^2/NDF : 69281674409615

dit_sam2_coil1_mean vs Slug



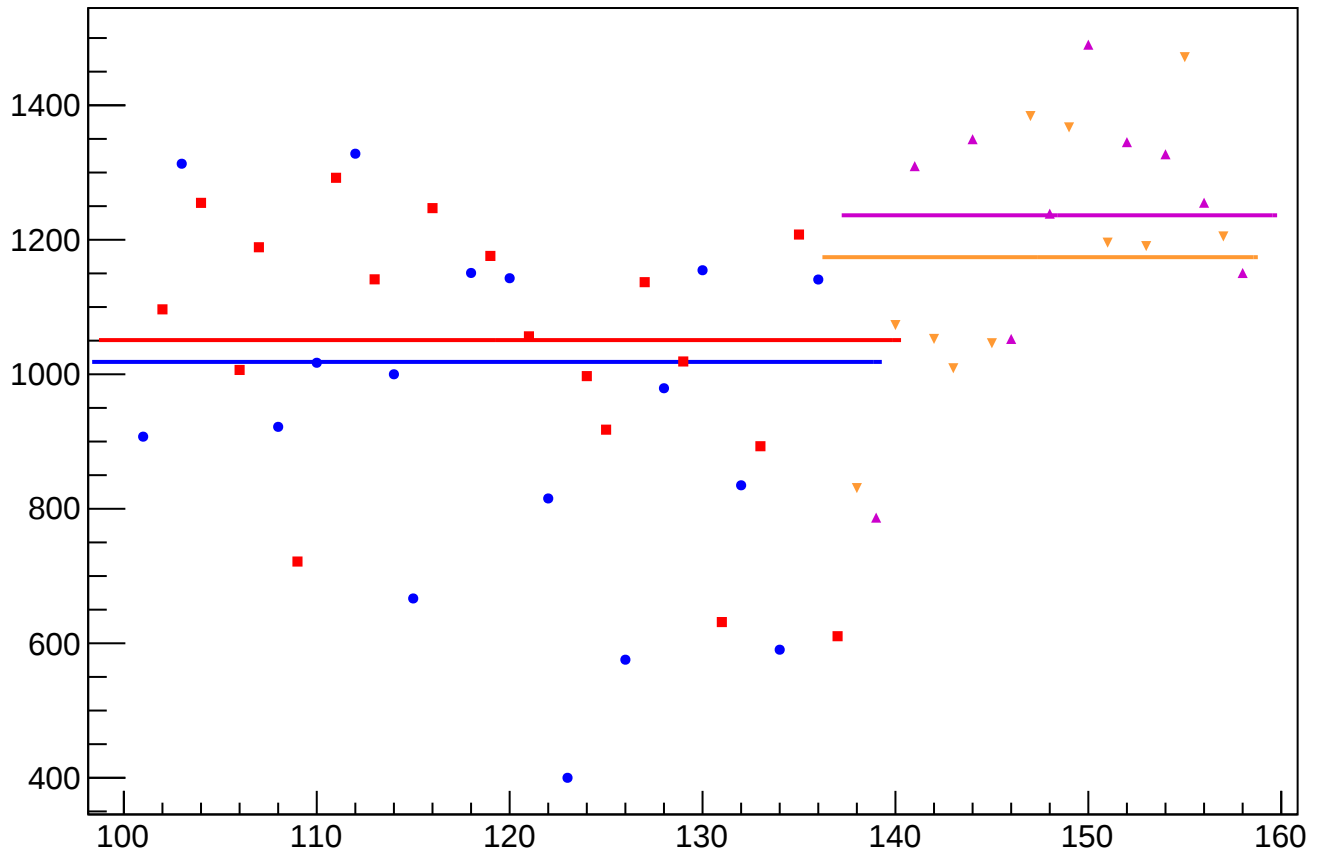
Right In: 68271.144 $\pm$ 0.000 χ^2 /NDF: 235026660939690757848337831565145453625344.0/16
 Left Out: 91078.404 $\pm$ 0.000 χ^2 /NDF: 206834369774523474203602478732238661877760.0/10
 Right Out: 66552.333 $\pm$ 0.000 χ^2 /NDF: 160169834970936771160063883899631076114432.0/17
 Left In: 95458.028 $\pm$ 0.000 χ^2 /NDF: 101475632402800058563478159007527066402816.0/9

dit_sam2_coil1_err_mean vs Slug



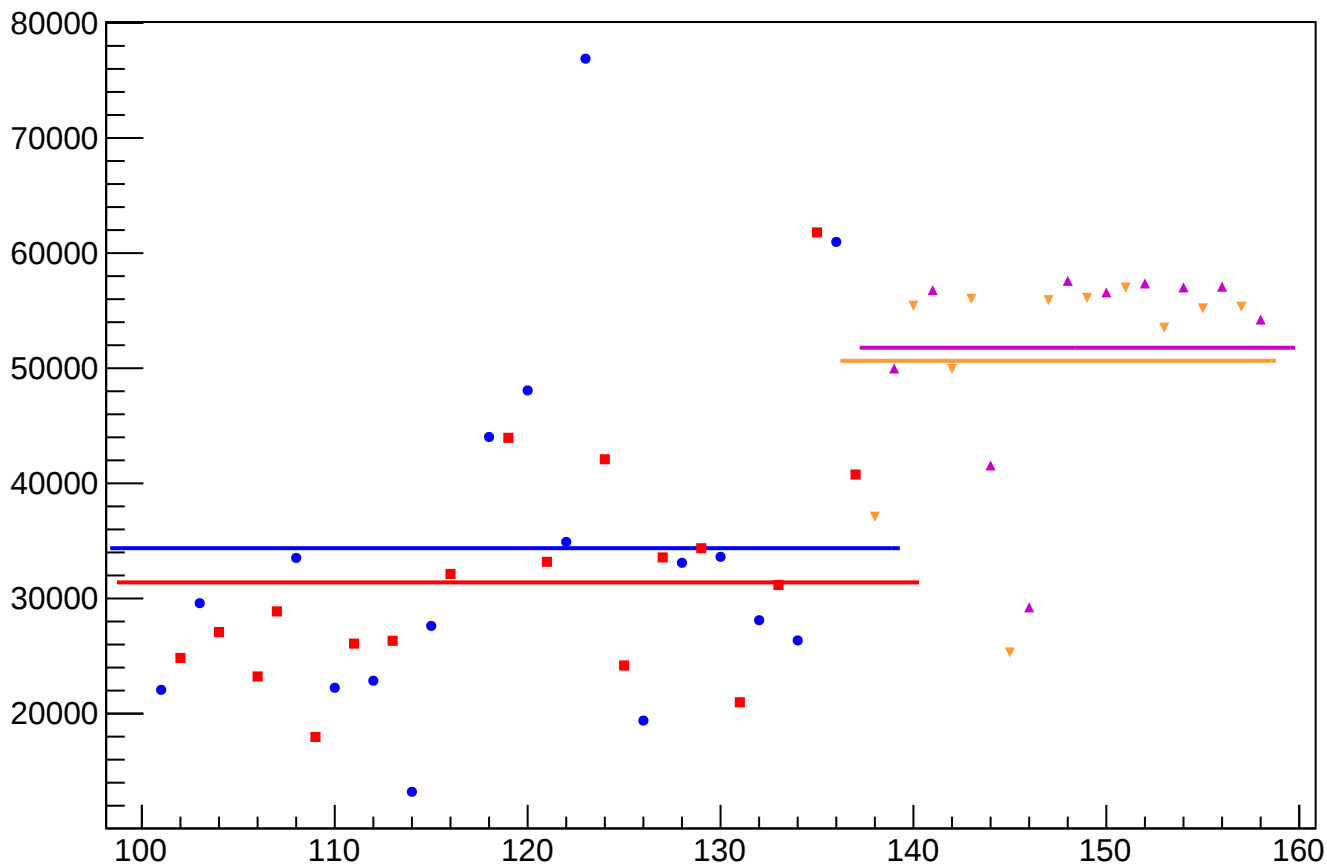
Right In: 1284.940+/-0.000 χ^2/NDF : 683539831030777721568567692799915327488.0/16
 Left Out: 1366.509+/-0.000 χ^2/NDF : 109706667197539617468516323802054918144.0/10
 Right Out: 1243.357+/-0.000 χ^2/NDF : 625737092307119238017872949095807582208.0/17
 Left In: 1361.879+/-0.000 χ^2/NDF : 109209892895253189256547218463356092416.0/9

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1018.403 +/- 0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1174.140 +/- 0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10
 Right Out: 1050.842 +/- 0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1236.408 +/- 0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9
 All: 1127.731 +/- 0.000 χ^2/NDF : 14061687183
 + sign 1103.174 +/- 0.000 χ^2/NDF : 69522982248261
 - sign 1151.629 +/- 0.000 χ^2/NDF : 69281674409615

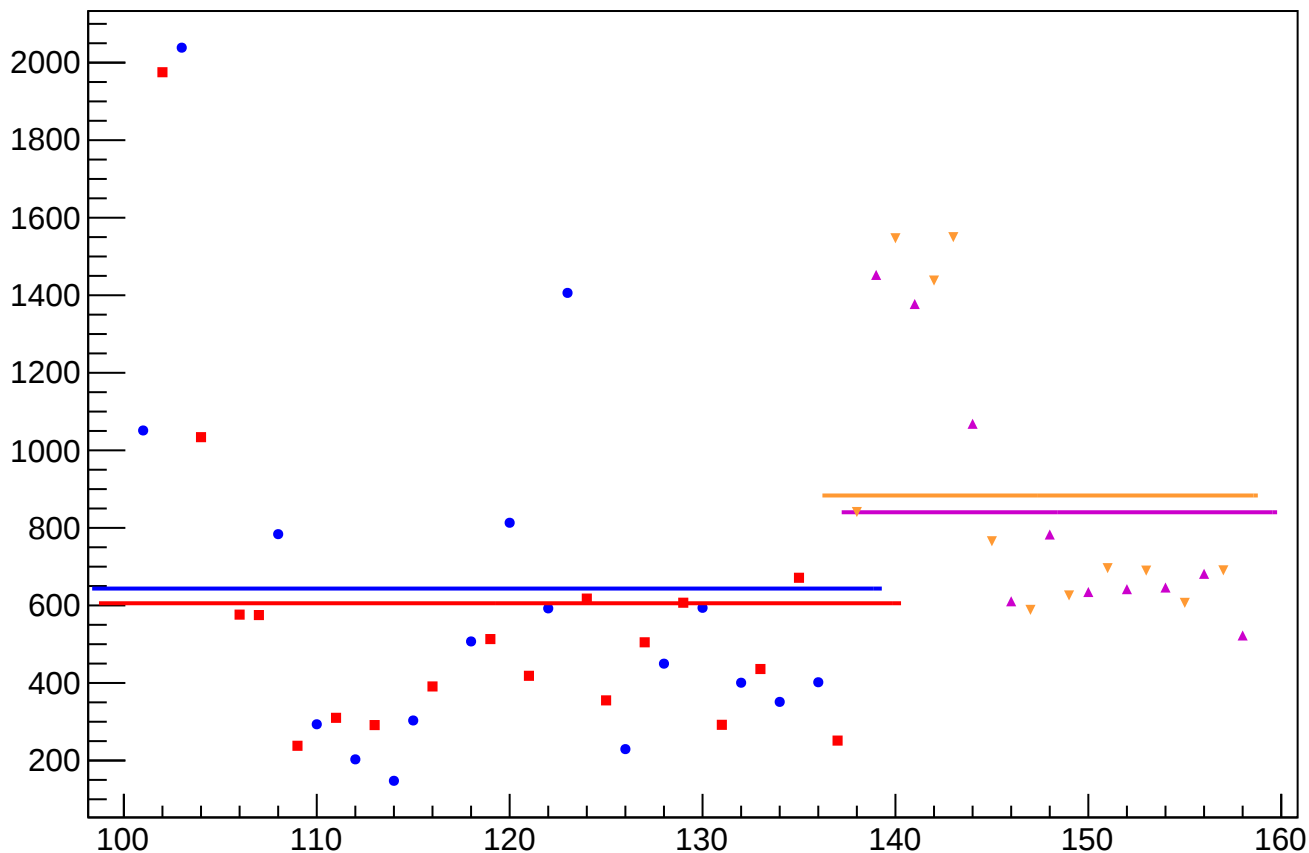
dit_sam3_coil1_mean vs Slug



Right In: 34369.403+/-0.000	χ^2/NDF : 121175034584498762854553117020903178240000.0/16
Left Out: 50648.257+/-0.000	χ^2/NDF : 80011418329370233544768779542962232098816.0/10
Right Out: 31397.869+/-0.000	χ^2/NDF : 79791187049723357576303825736183029170176.0/17
Left In: 51781.969+/-0.000	χ^2/NDF : 66733465038692336992951105803360648822784.0/9

+ sign 43230.316+/-0.000 χ^2/NDF : 3012928300389
 All: 42844.534+/-0.000 χ^2/NDF : 6096239142
 - sign 42469.105+/-0.000 χ^2/NDF : 3078838381724

dit_sam3_coil1_err_mean vs Slug



Right In: 643.513+/-0.000 χ^2/NDF : 166606755510131009794947888972916850688.0/16

Left Out: 883.558+/-0.000 χ^2/NDF : 108366920232063784693839449791234310144.0/10

Right Out: 605.599+/-0.000 χ^2/NDF : 146641318103644748879900892058773094400.0/17

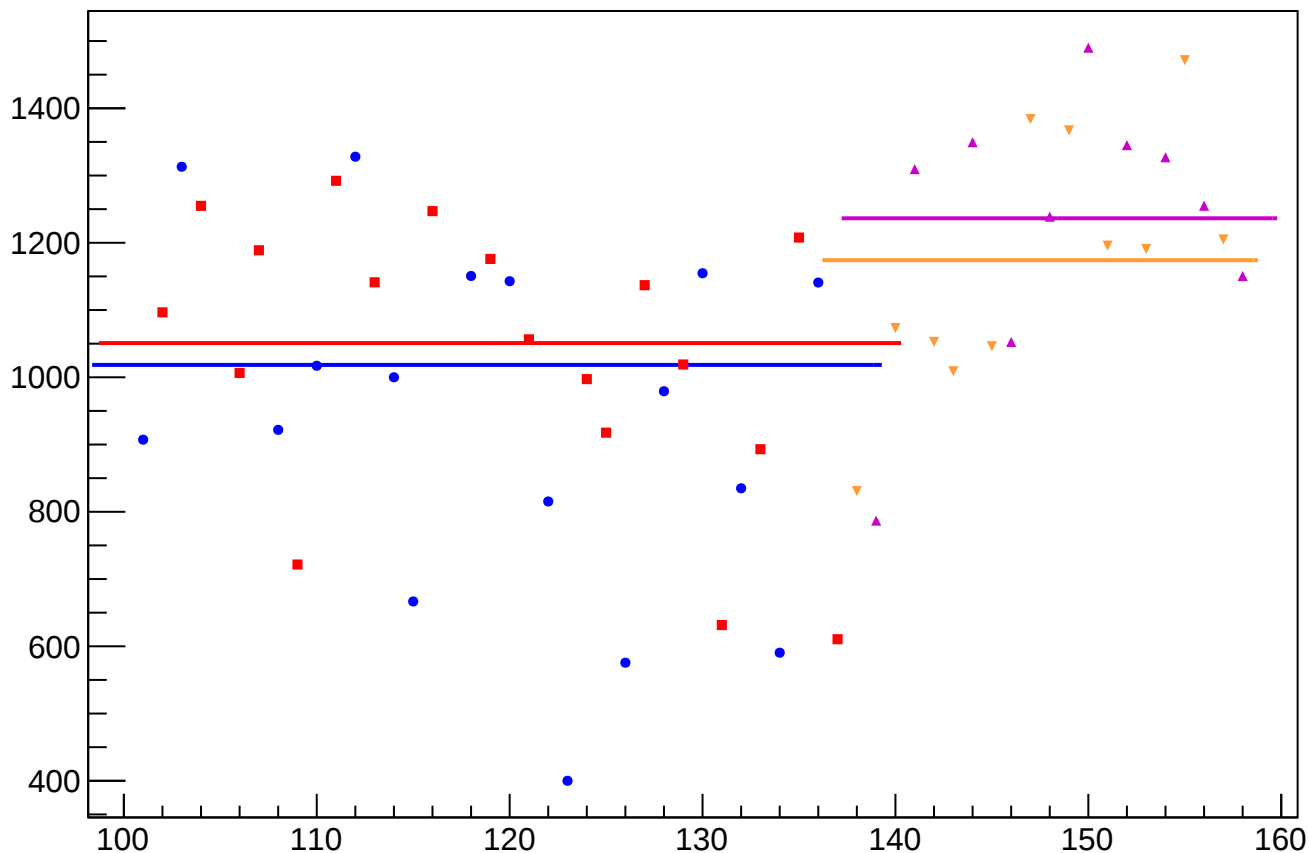
Left In: 840.300+/-0.000 χ^2/NDF : 84987968665256014830905305221637865472.0/9

+ sign 774.174+/-0.000 χ^2/NDF : 296740695651680

All: 753.344+/-0.000 χ^2/NDF : 551065288775

- sign 733.072+/-0.000 χ^2/NDF : 253020625932888

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

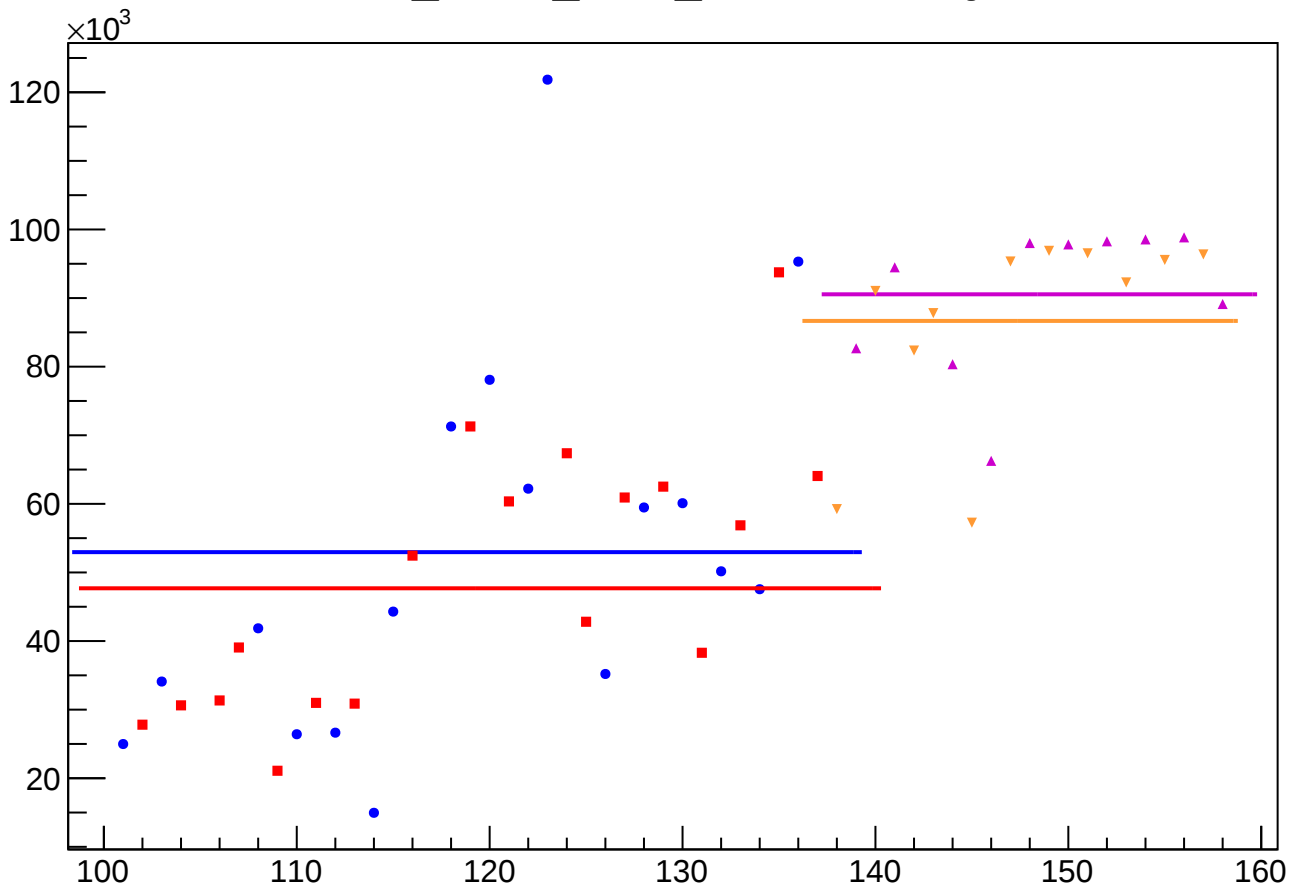
Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

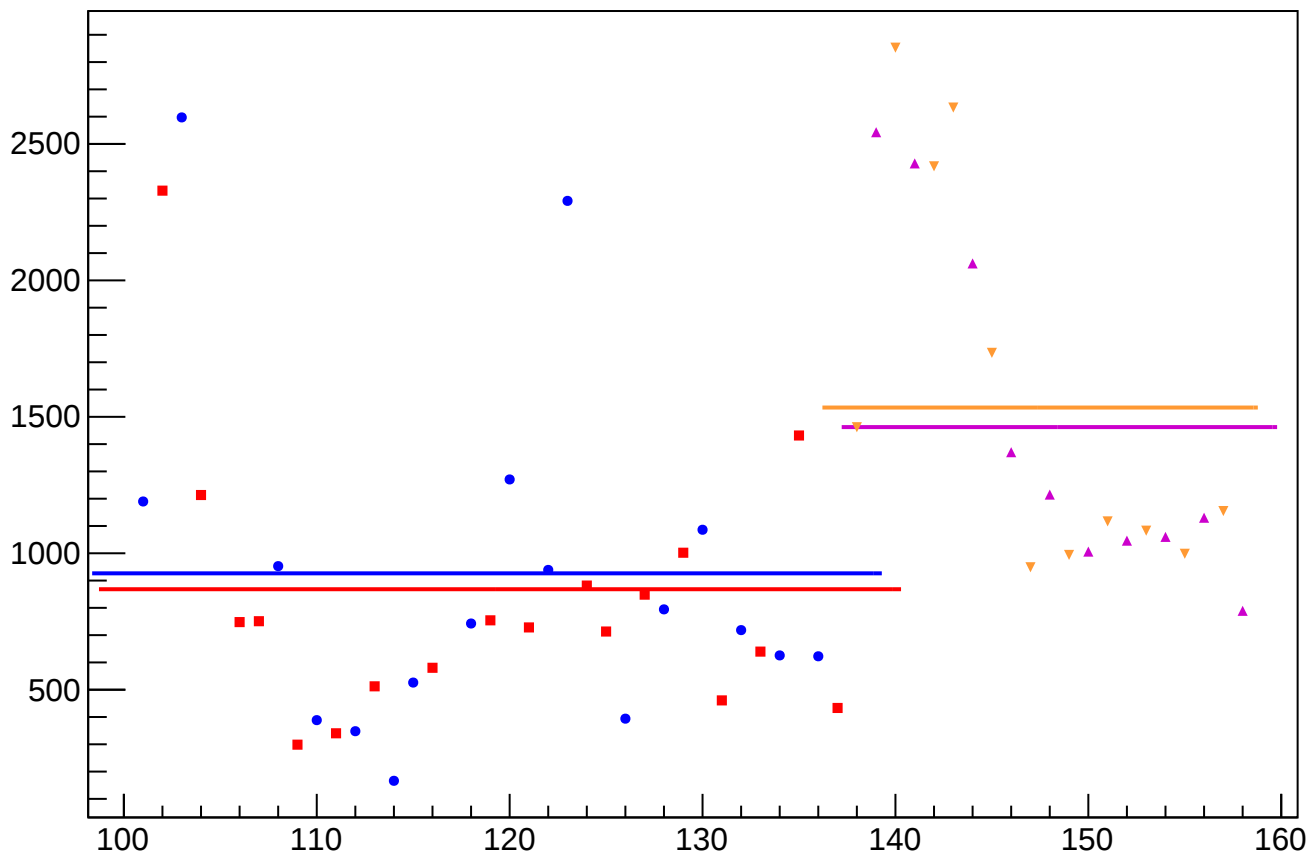
+ sign 1103.174+/-0.000 χ^2/NDF : 69522982248261
All: 1127.731+/-0.000 χ^2/NDF : 14061687183
- sign 1151.629+/-0.000 χ^2/NDF : 69281674409615

dit_sam4_coil1_mean vs Slug



Right In: 52960.923+/-0.000 χ^2/NDF : 388091282862865702902242590456549457526784.0/16
 Left Out: 86669.379+/-0.000 χ^2/NDF : 166747110572015806807658116798223138947072.0/10
 Right Out: 47689.948+/-0.000 χ^2/NDF : 282811495062805394257124892434373518819328.0/17
 Left In: 90548.283+/-0.000 χ^2/NDF : 90567192367525650112016525283089459445760.0/9

dit_sam4_coil1_err_mean vs Slug



Right In: 926.486+/-0.000 χ^2/NDF : 243573676873909042150690872266806263808.0/16

Left Out: 1534.073+/-0.000 χ^2/NDF : 378618333131298305338797828509414719488.0/10

Right Out: 868.248+/-0.000 χ^2/NDF : 197961184826469333991871261895452262400.0/17

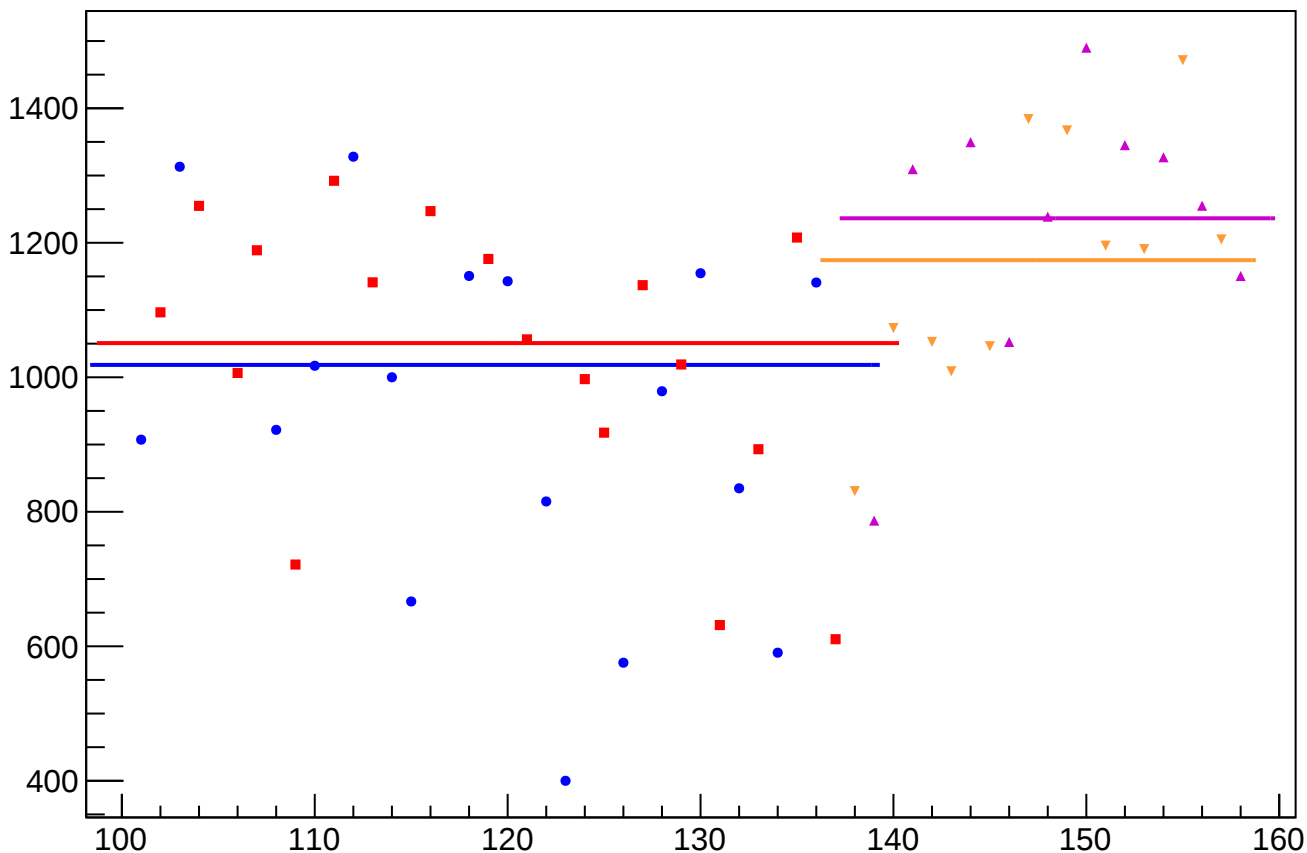
Left In: 1462.413+/-0.000 χ^2/NDF : 305754697248245174597723126623713099776.0/9

+ sign 1257.208+/-0.000 χ^2/NDF : 76164578853327

All: 1223.632+/-0.000 χ^2/NDF : 14058453940

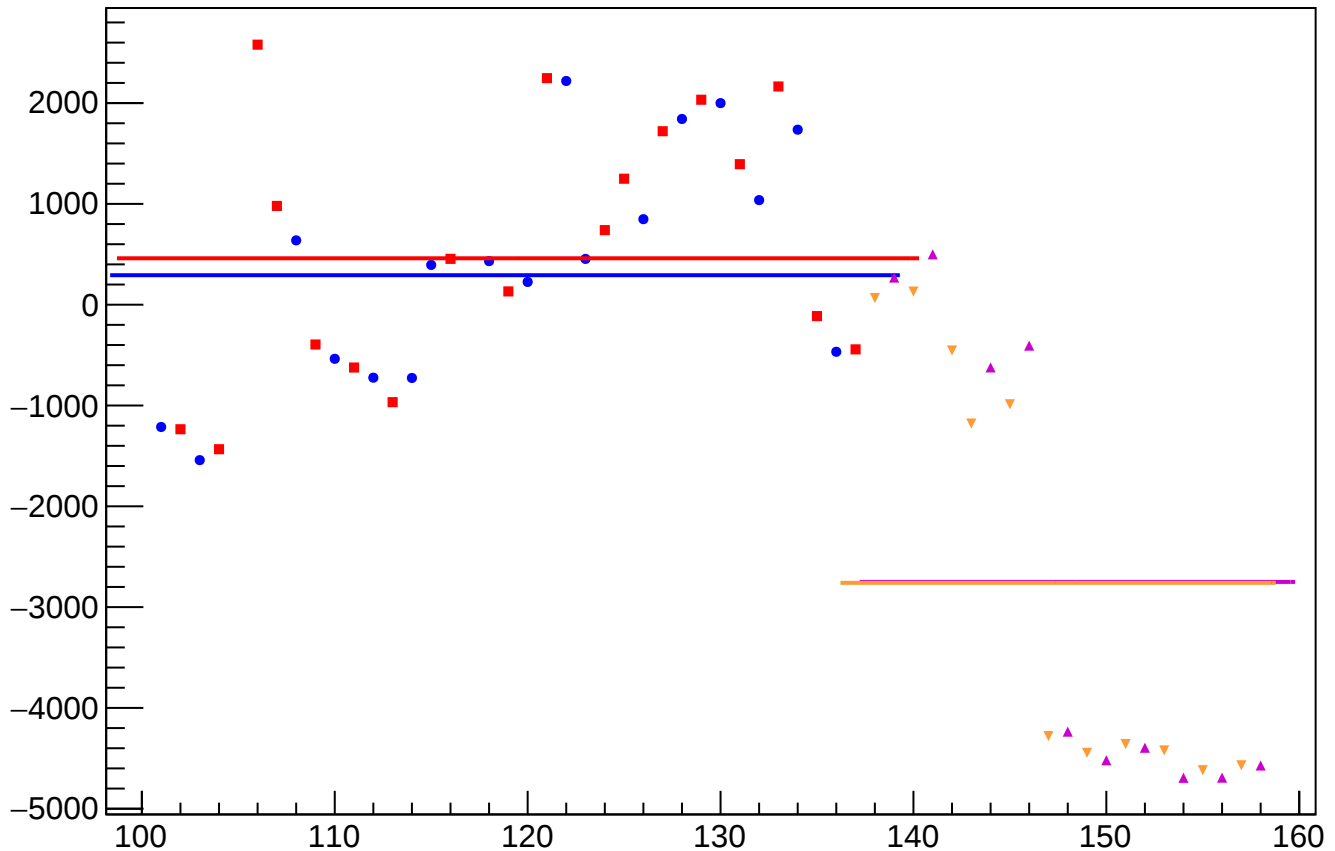
- sign 1190.957+/-0.000 χ^2/NDF : 64081183911394

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_sam5_coil1_mean vs Slug



Right In: 292.624+/-0.000 χ^2/NDF : 992224758361668568621384832231814463488.0/16

Left Out: -2759.112+/-0.000 χ^2/NDF : 3333744633030428132157605150064145072128.0/10

Right Out: 460.444+/-0.000 χ^2/NDF : 1195390620297922800798852366593102446592.0/17

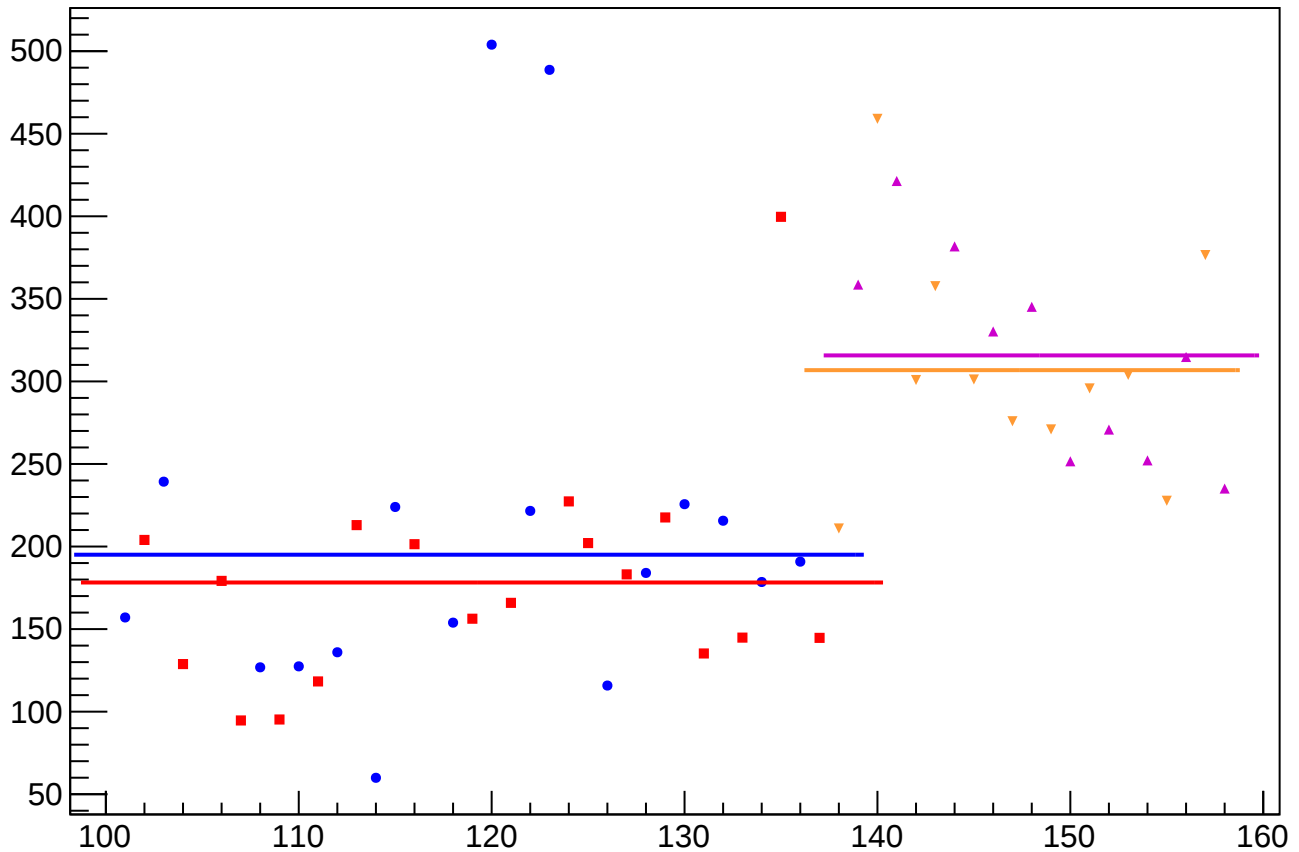
Left In: -2749.937+/-0.000 χ^2/NDF : 4106947742793742171249531830577504714752.0/9

+ sign -1368.499+/-0.000 χ^2/NDF : 7844068286841

All: -1325.276+/-0.000 χ^2/NDF : 1715445152

- sign -1283.213+/-0.000 χ^2/NDF : 93047690894845

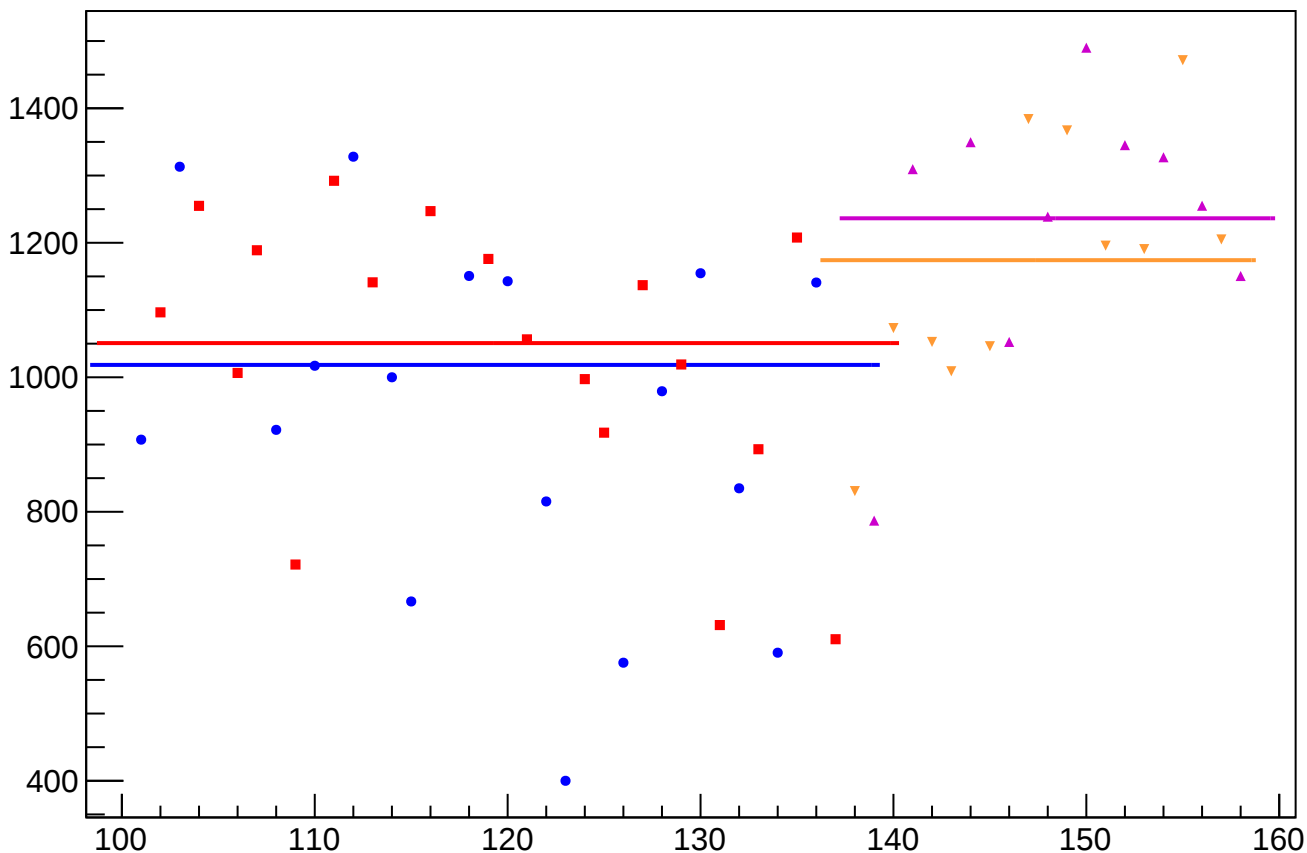
dit_sam5_coil1_err_mean vs Slug



Right In: 195.049+/-0.000	χ^2/NDF : 5080024494184824251769530857650388992.0/16
Left Out: 306.822+/-0.000	χ^2/NDF : 3846902042685274090268075913593749504.0/10
Right Out: 178.222+/-0.000	χ^2/NDF : 3636798558444840391154572885518974976.0/17
Left In: 315.748+/-0.000	χ^2/NDF : 3011618256733877030840247525673271296.0/9

+ sign 255.889+/-0.000 χ^2/NDF : 136463601922940
 All: 254.383+/-0.000 χ^2/NDF : 276464404227
 - sign 252.917+/-0.000 χ^2/NDF : 139932602069423

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

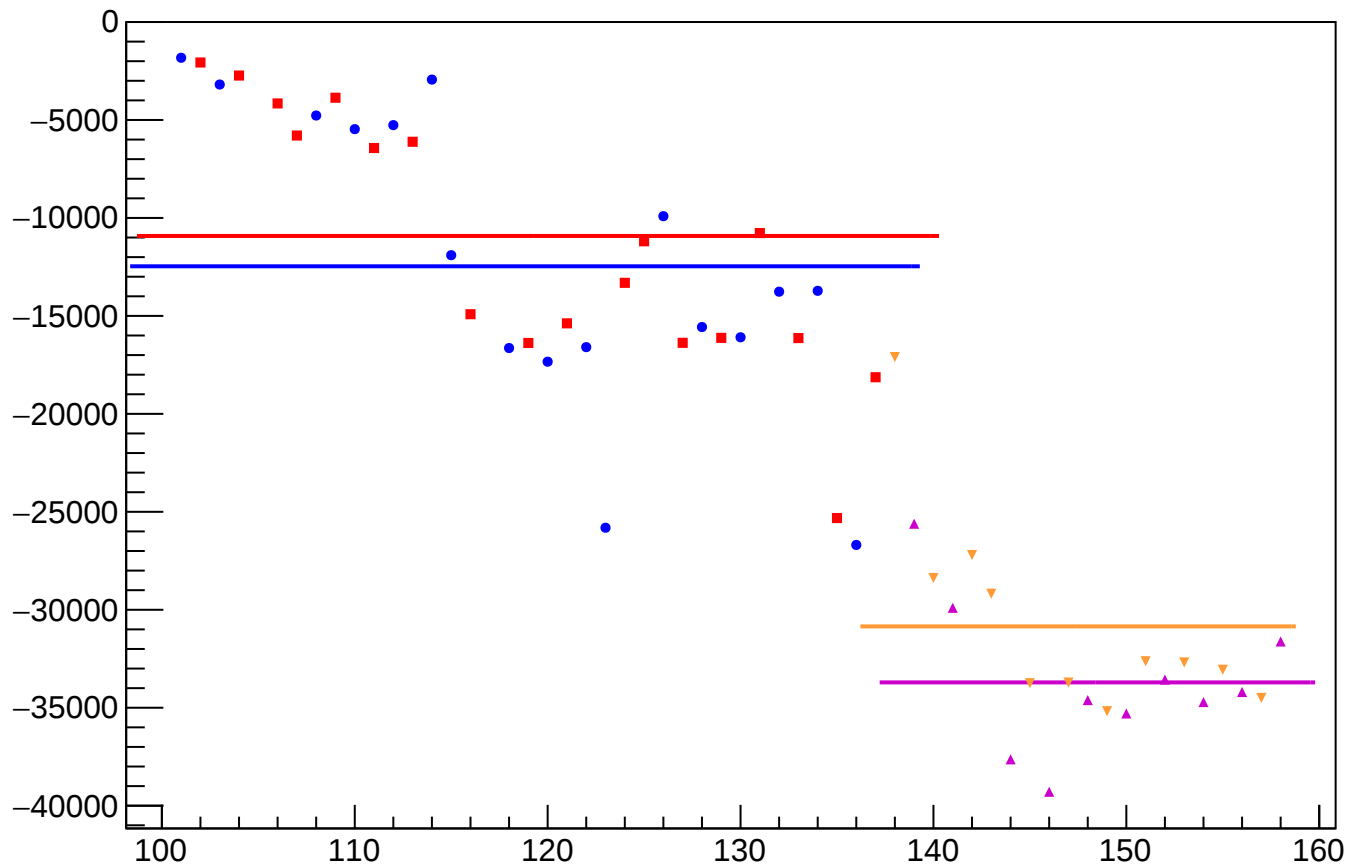
Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

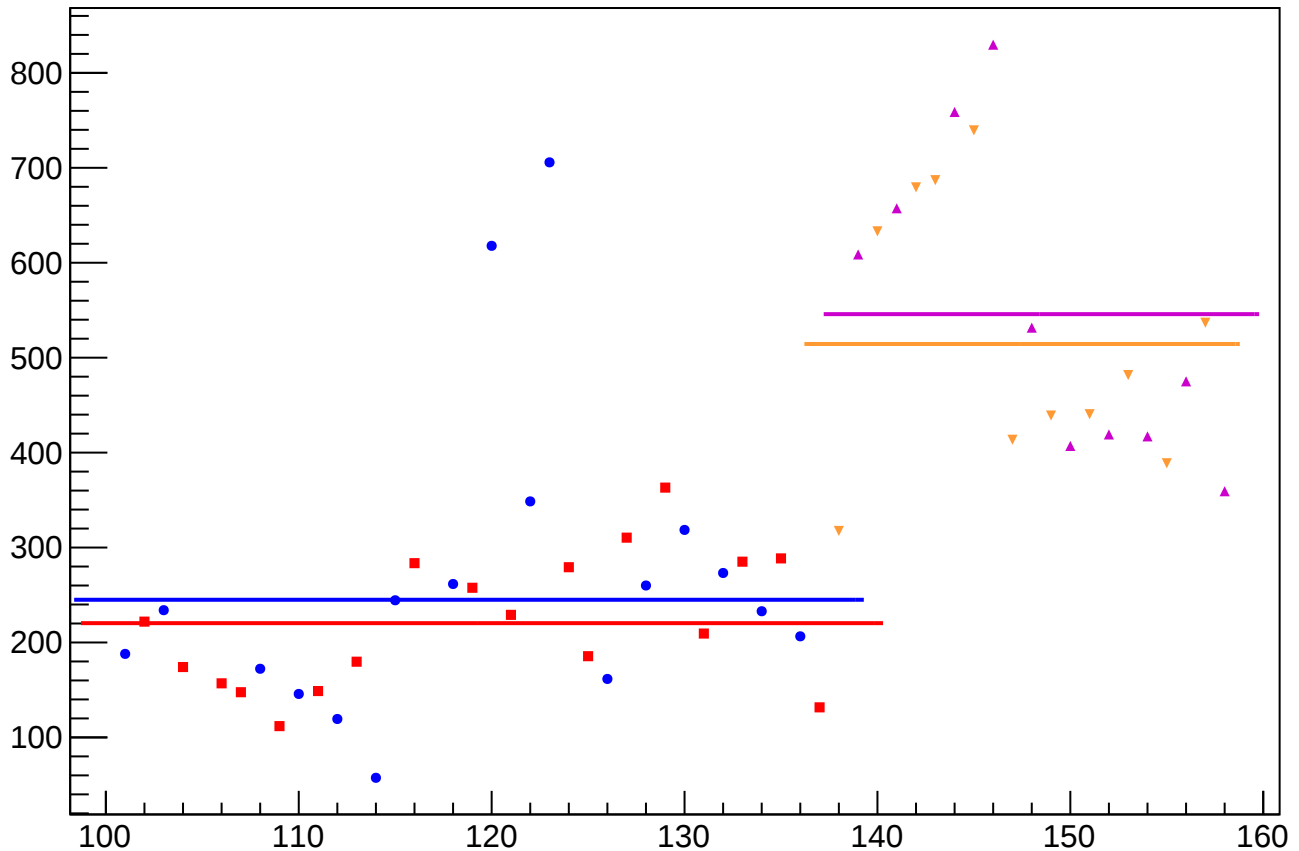
+ sign 1103.174+/-0.000 χ^2/NDF : 69522982248261
 All: 1127.731+/-0.000 χ^2/NDF : 14061687183
 - sign 1151.629+/-0.000 χ^2/NDF : 69281674409615

dit_sam6_coil1_mean vs Slug



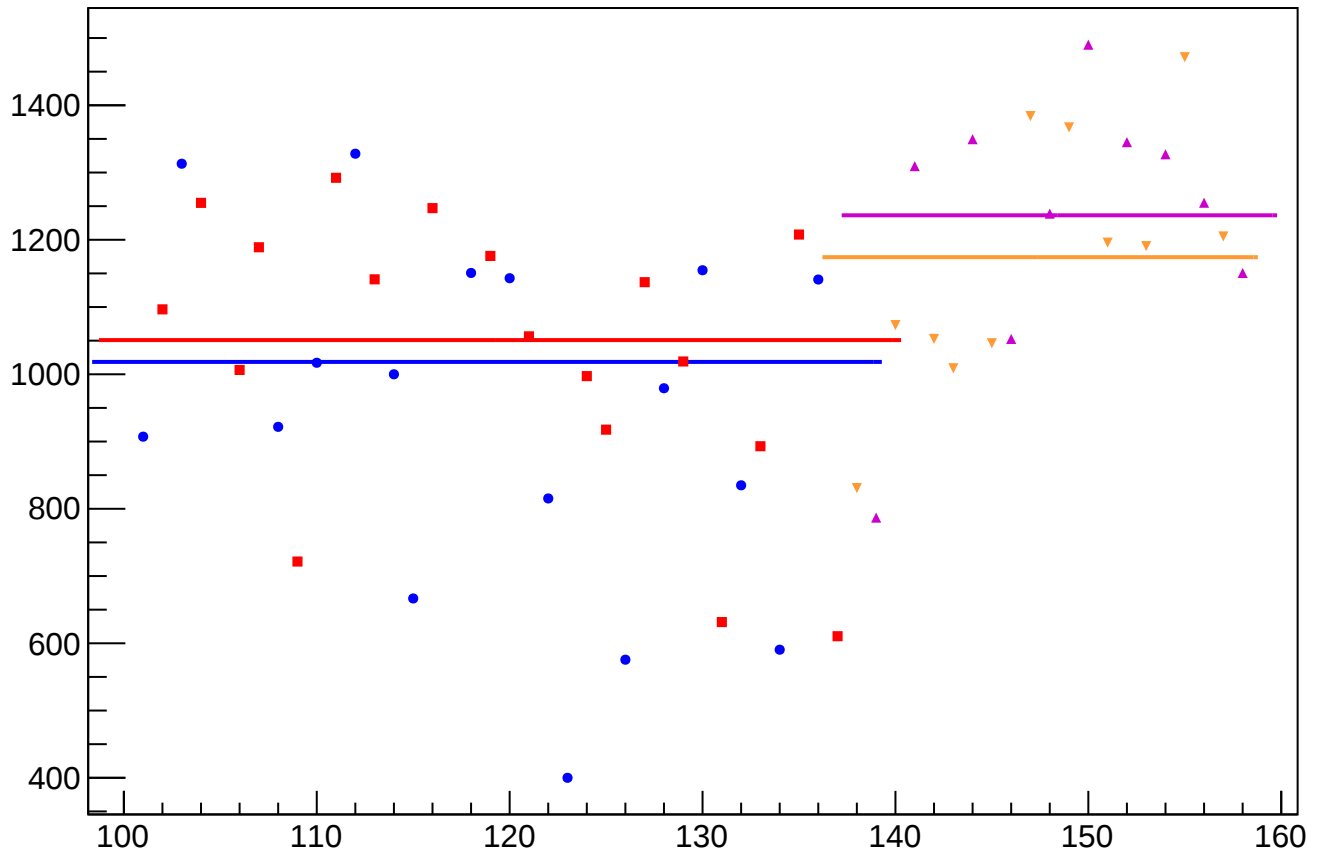
Right In: -12468.200+/-0.000 χ^2/NDF : 41947810781860597740124287766684235726848.0/16
 Left Out: -30847.952+/-0.000 χ^2/NDF : 20815025930033474488066829038097944018944.0/10
 Right Out: -10920.089+/-0.000 χ^2/NDF : 32165705228240657588124121675327793528832.0/17
 Left In: -33706.326+/-0.000 χ^2/NDF : 11264837916082942330211875828168979906560.0/9
 All: -22889.936+/-0.000 χ^2/NDF : 435959490
 + sign -22472.674+/-0.000 χ^2/NDF : 190375391099
 - sign -23296.001+/-0.000 χ^2/NDF : 2450608834323

dit_sam6_coil1_err_mean vs Slug



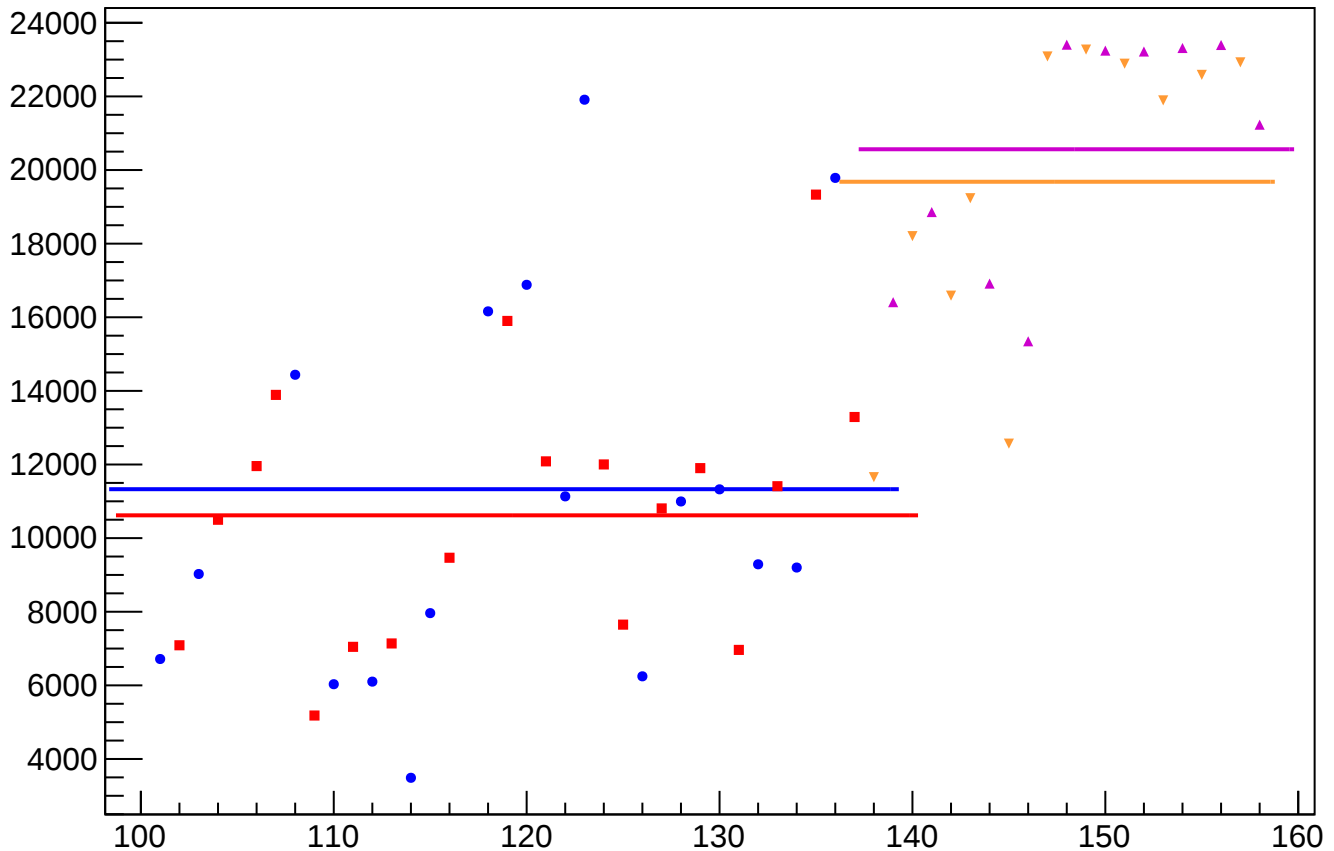
Right In: 244.994+/-0.000	χ^2/NDF : 8873183370170999334634045001787506688.0/16	+ sign 391.649+/-0.000	χ^2/NDF : 507540940184878
Left Out: 514.422+/-0.000	χ^2/NDF : 14458980502112362762354936151332093952.0/10	All: 394.436+/-0.000	χ^2/NDF : 115245854060
Right Out: 220.353+/-0.000	χ^2/NDF : 3356691284213126680510243475038404608.0/17	- sign 397.148+/-0.000	χ^2/NDF : 644684202496112
Left In: 545.864+/-0.000	χ^2/NDF : 19964350750166055624461858601953132544.0/9		

dit_sam6_coil1_Ndata_mean vs Slug



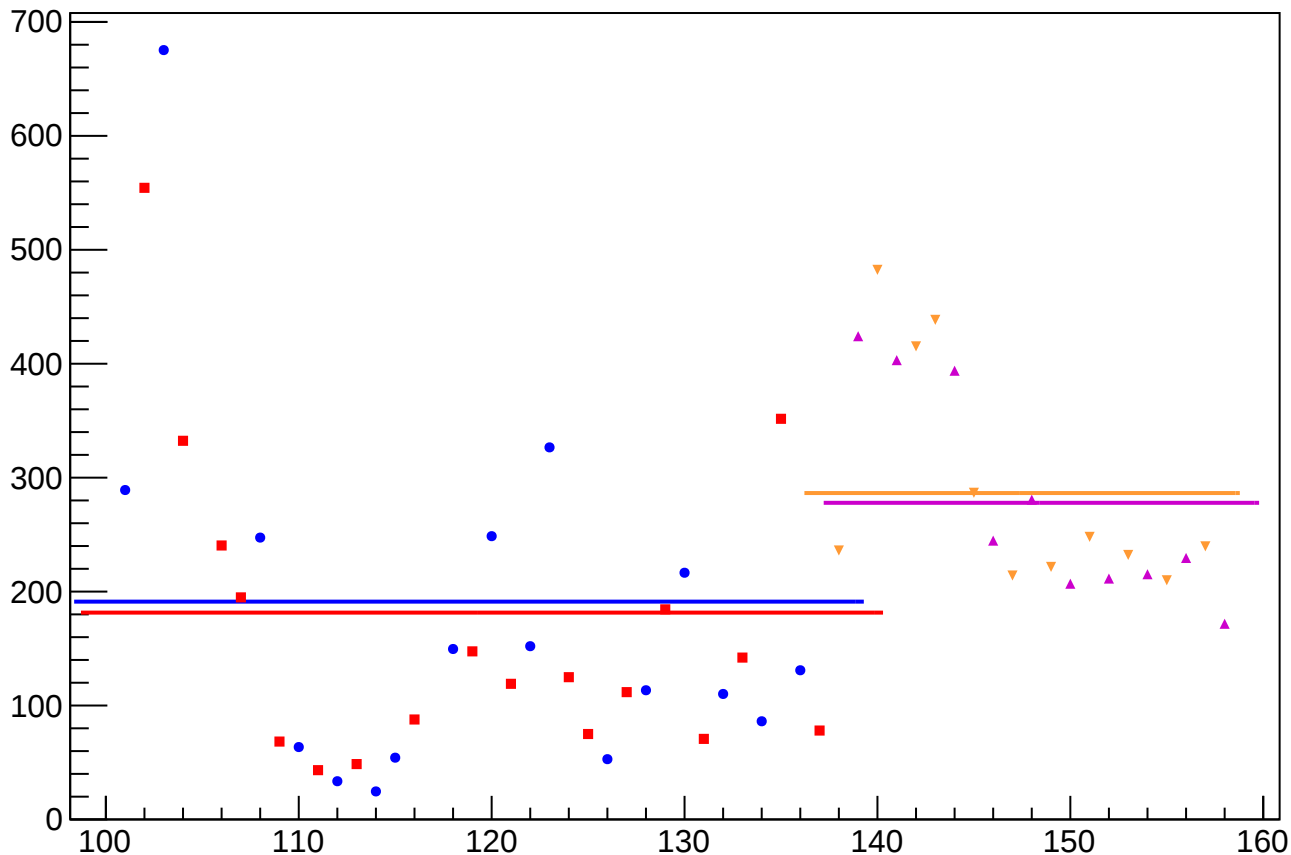
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_sam7_coil1_mean vs Slug



Right In: 11329.210+/-0.000 χ^2/NDF : 15521857033868622025770129635391850938368.0/16
 Left Out: 19681.481+/-0.000 χ^2/NDF : 14252190124009568098887857692476750954496.0/10
 Right Out: 10619.182+/-0.000 χ^2/NDF : 10071633014201515414626302207213810221056.0/17
 Left In: 20564.157+/-0.000 χ^2/NDF : 8386345646893906848762435548053917138944.0/9

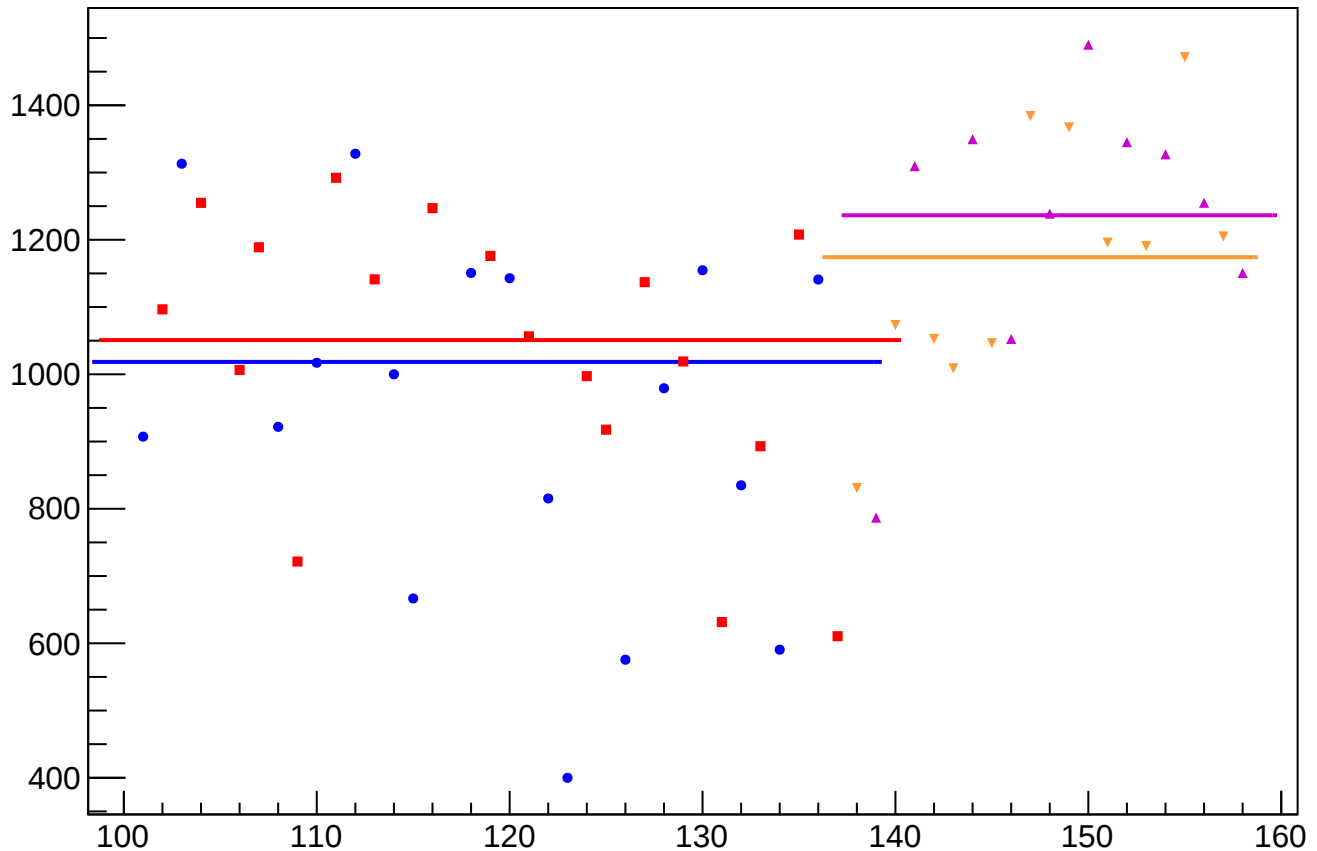
dit_sam7_coil1_err_mean vs Slug



Right In: 191.191+/-0.000	χ^2/NDF : 19183697593820495387775377202474909696.0/16
Left Out: 286.500+/-0.000	χ^2/NDF : 7413347487761687055404358659295150080.0/10
Right Out: 181.551+/-0.000	χ^2/NDF : 14852803264995019247576775913608577024.0/17
Left In: 277.919+/-0.000	χ^2/NDF : 6646173782282178161434193523917193216.0/9

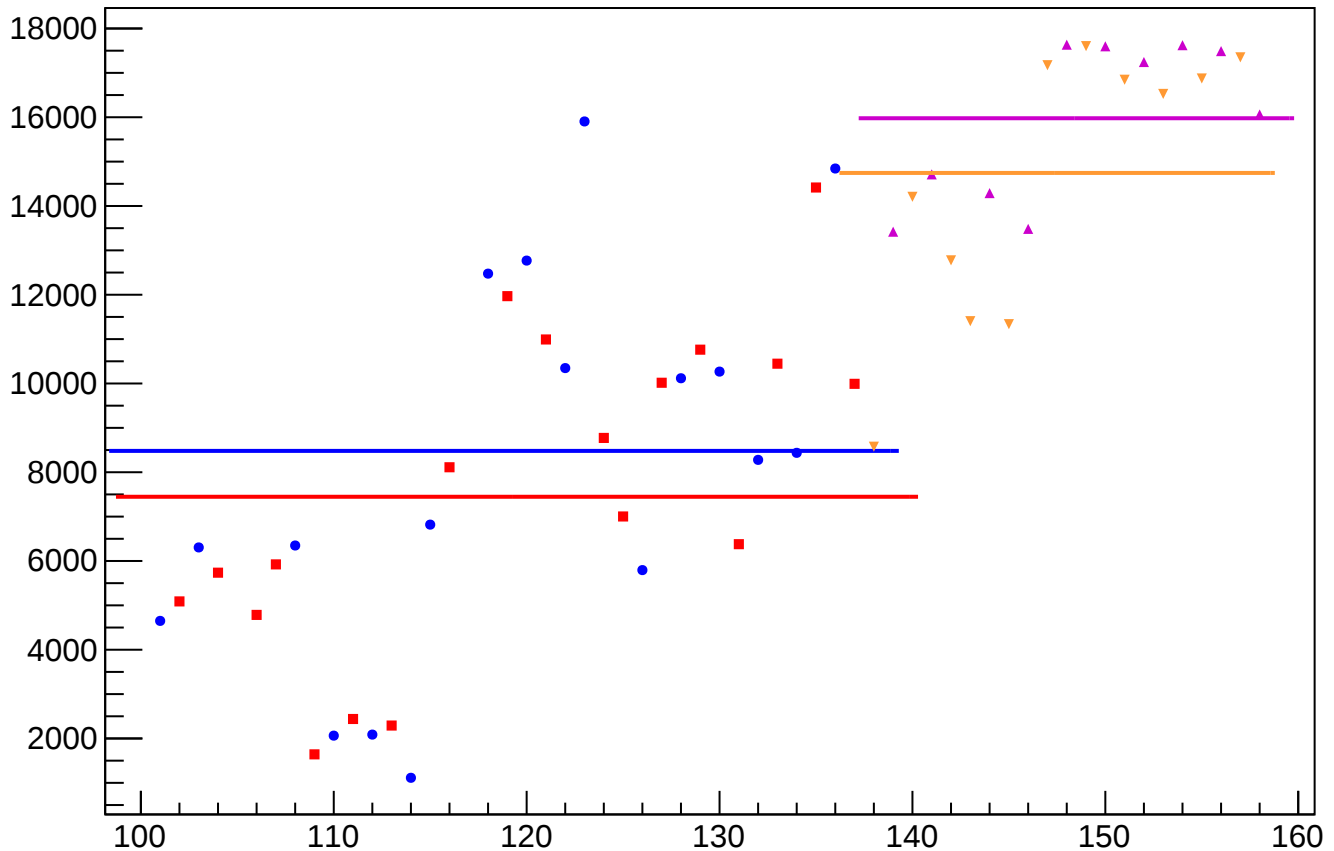
+ sign 243.070+/-0.000 χ^2/NDF : 300285479969802
 All: 238.418+/-0.000 χ^2/NDF : 551989862810
 - sign 233.892+/-0.000 χ^2/NDF : 251054177621546

dit_sam7_coil1_Ndata_mean vs Slug



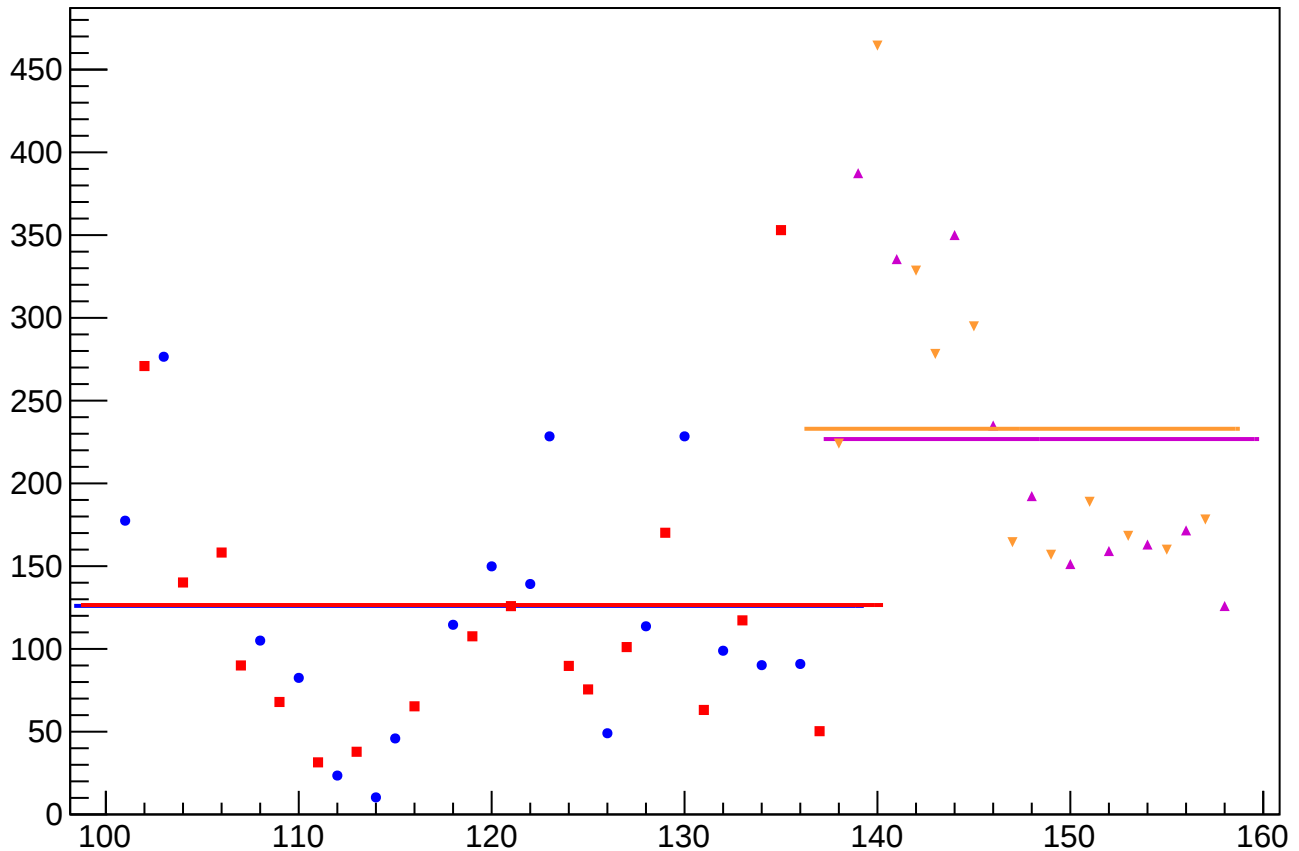
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

dit_sam8_coil1_mean vs Slug



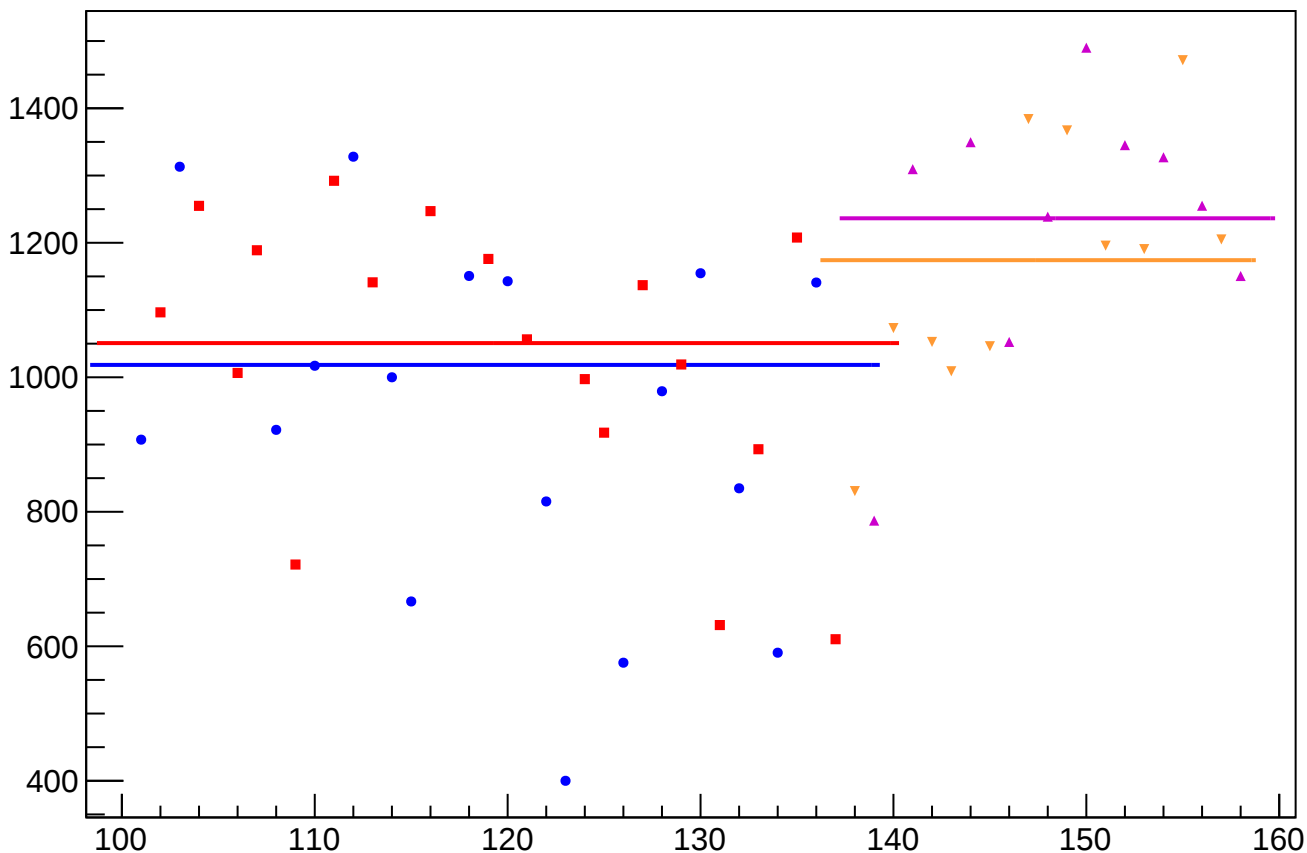
Right In: 8480.889+/-0.000 χ^2/NDF : 11499484754166446401410720405854359650304.0/16
 Left Out: 14744.926+/-0.000 χ^2/NDF : 7444860268036641598927083654809200361472.0/10
 Right Out: 7447.217+/-0.000 χ^2/NDF : 10045808642952263494281474112188504342528.0/17
 Left In: 15977.375+/-0.000 χ^2/NDF : 2469319088470895768513677614163691569152.0/9

dit_sam8_coil1_err_mean vs Slug



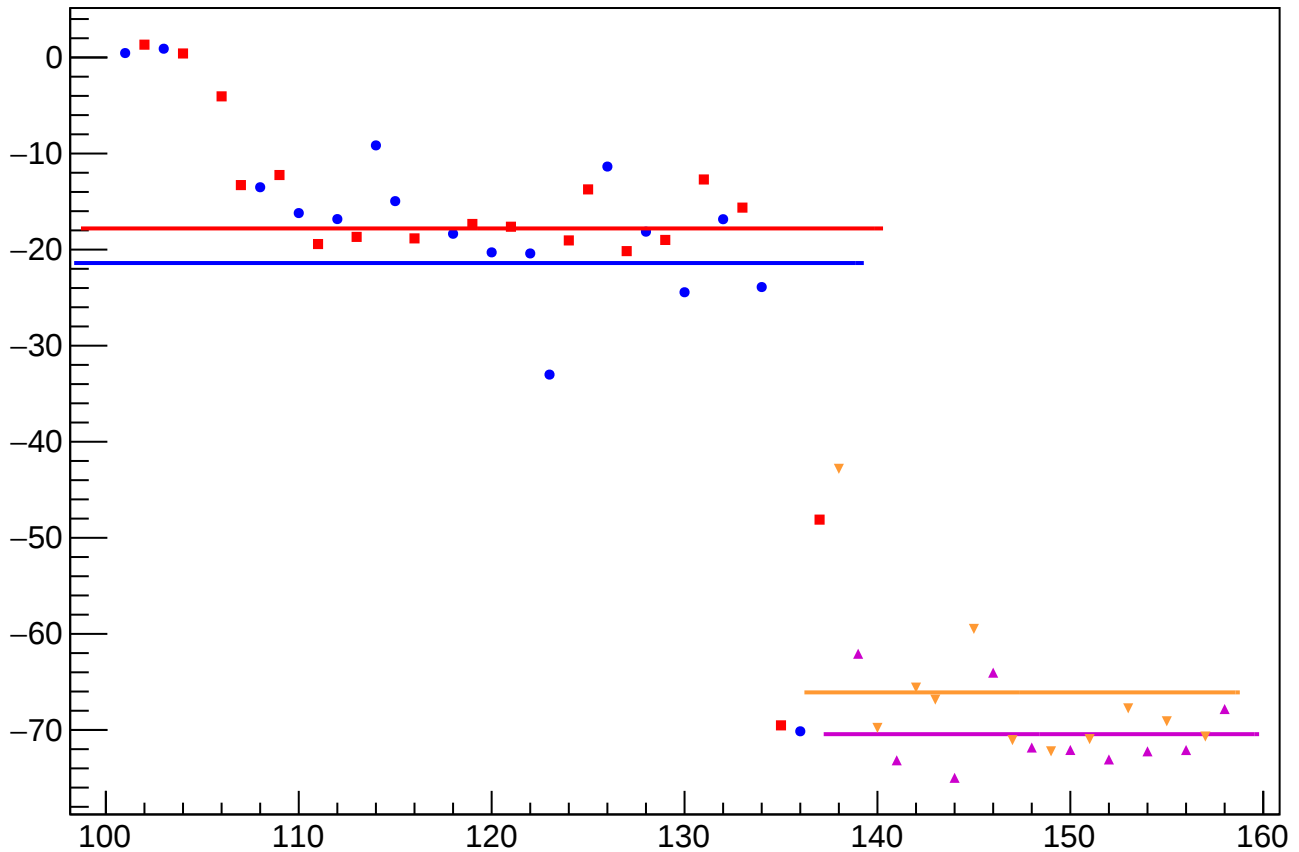
Right In: 126.005+/-0.000 χ^2/NDF : 3386025781144831306970150054630785024.0/16
 Left Out: 232.997+/-0.000 χ^2/NDF : 7263184000494647637311557898982129664.0/10
 Right Out: 126.521+/-0.000 χ^2/NDF : 5291778643595712336156745298356469760.0/17
 Left In: 226.791+/-0.000 χ^2/NDF : 6897833603501347127401336606428233728.0/9

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1174.140+/-0.000 χ^2/NDF : 27582226301258506417142660468758806528.0/10
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1236.408+/-0.000 χ^2/NDF : 29011215487479499501392823898483982336.0/9

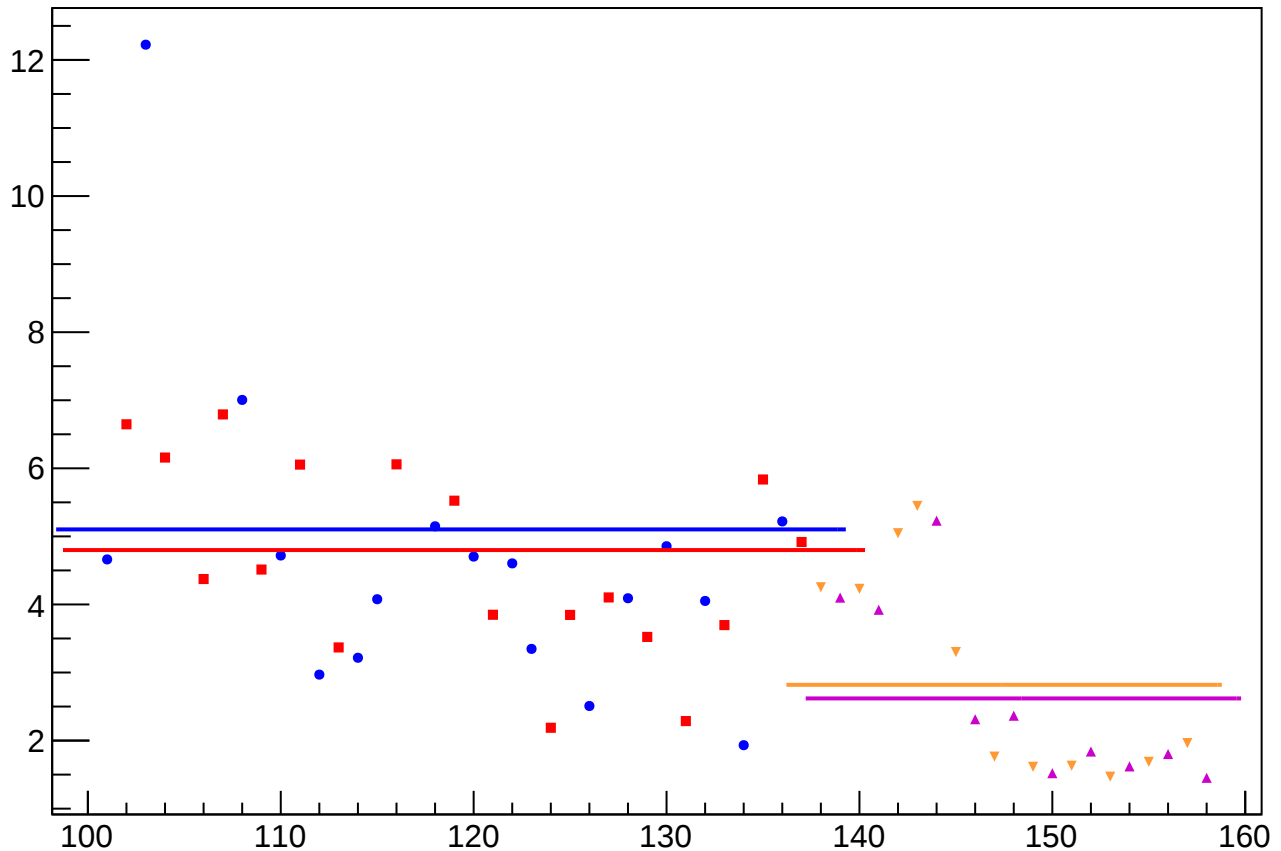
dit_4aX_coil3_mean vs Slug



Right In: -21.398 ± 0.000 $\chi^2/\text{NDF}: 280536163120367747156314867523125248.0/16$
 Left Out: -66.090 ± 0.000 $\chi^2/\text{NDF}: 56250458918929949145965591816830976.0/10$
 Right Out: -17.797 ± 0.000 $\chi^2/\text{NDF}: 194445073804421906744756784211165184.0/17$
 Left In: -70.438 ± 0.000 $\chi^2/\text{NDF}: 13611312403042227511477777276600320.0/9$

+ sign -45.724 ± 0.000 $\chi^2/\text{NDF}: 109130008172499$
 All: -46.061 ± 0.000 $\chi^2/\text{NDF}: 237580538395$
 - sign -46.388 ± 0.000 $\chi^2/\text{NDF}: 1284165529675504$

dit_4aX_coil3_err_mean vs Slug



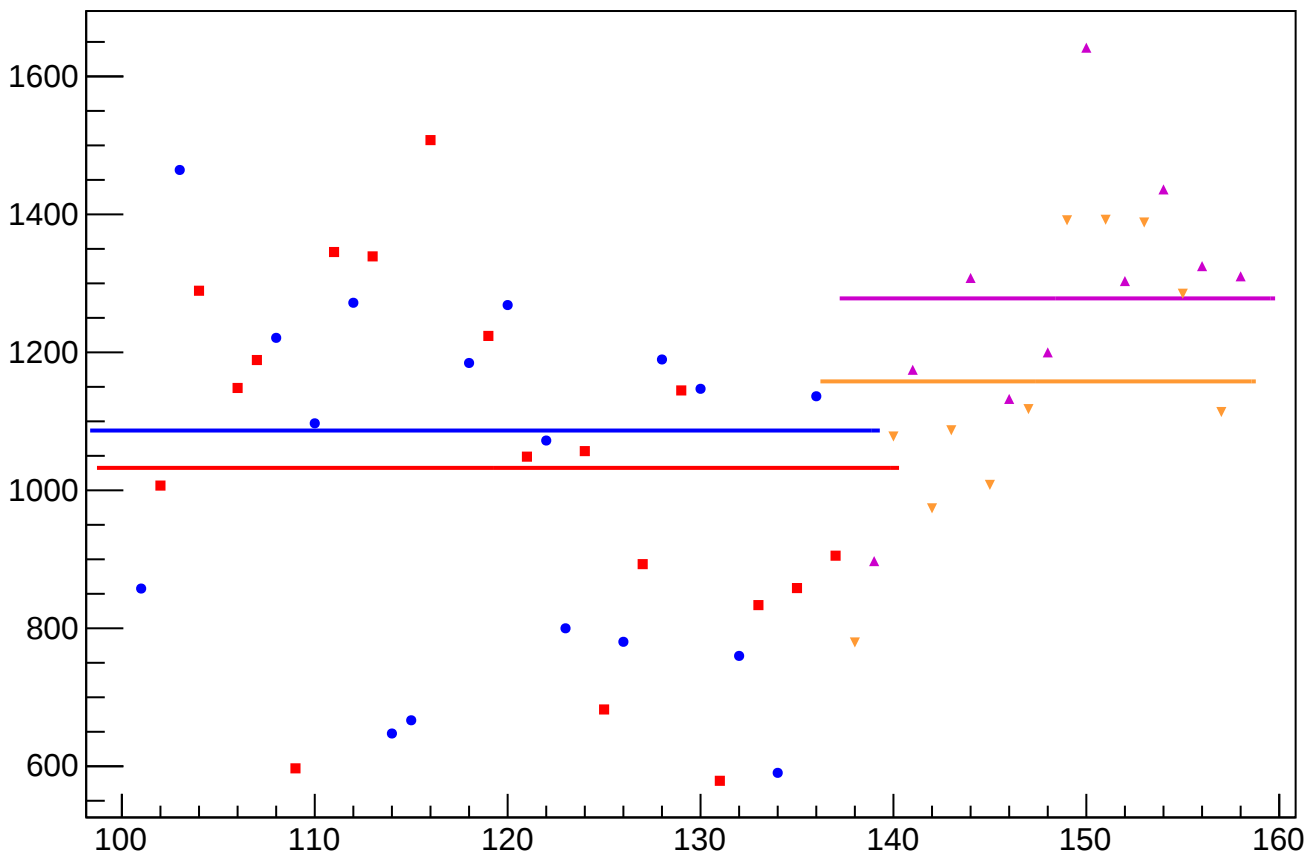
Right In: 5.103+/-0.000 χ^2/NDF : 4048406978190508053530993177395200.0/16

Left Out: 2.819+/-0.000 χ^2/NDF : 1661237711078381364680621624918016.0/10

Right Out: 4.799+/-0.000 χ^2/NDF : 1271869445641912698697536291995648.0/17

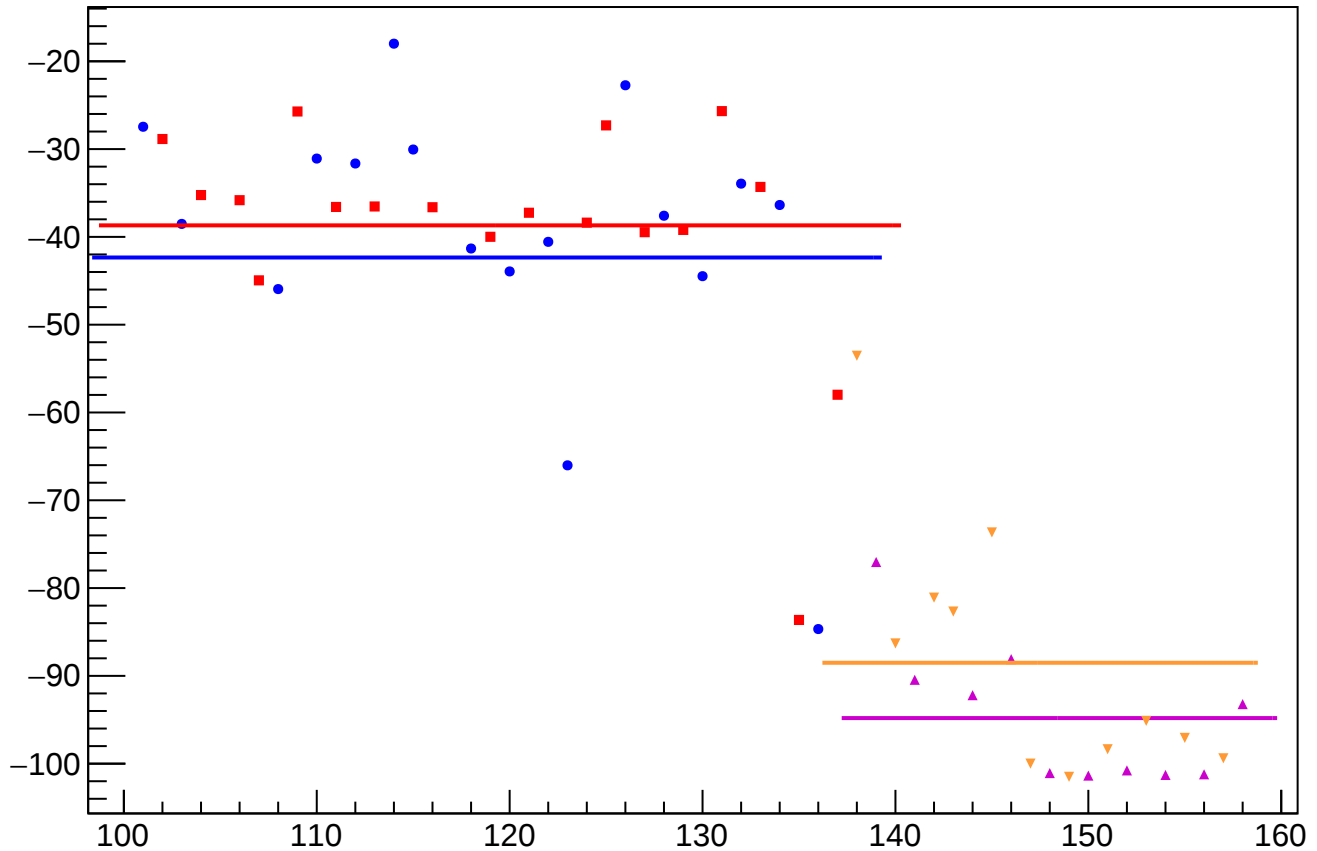
Left In: 2.619+/-0.000 χ^2/NDF : 1357044126930650528830887250886656.0/9

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	+ sign 1125.462+/-0.000	χ^2/NDF : 66751280610088
Left Out: 1157.917+/-0.000	χ^2/NDF : 30222225806204288922521502555630993408.0/10	All: 1145.995+/-0.000	χ^2/NDF : 16863668190
Right Out: 1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	- sign 1165.976+/-0.000	χ^2/NDF : 10061848008215
Left In: 1278.216+/-0.000	χ^2/NDF : 29565438458869811796359539499848433664.0/9		

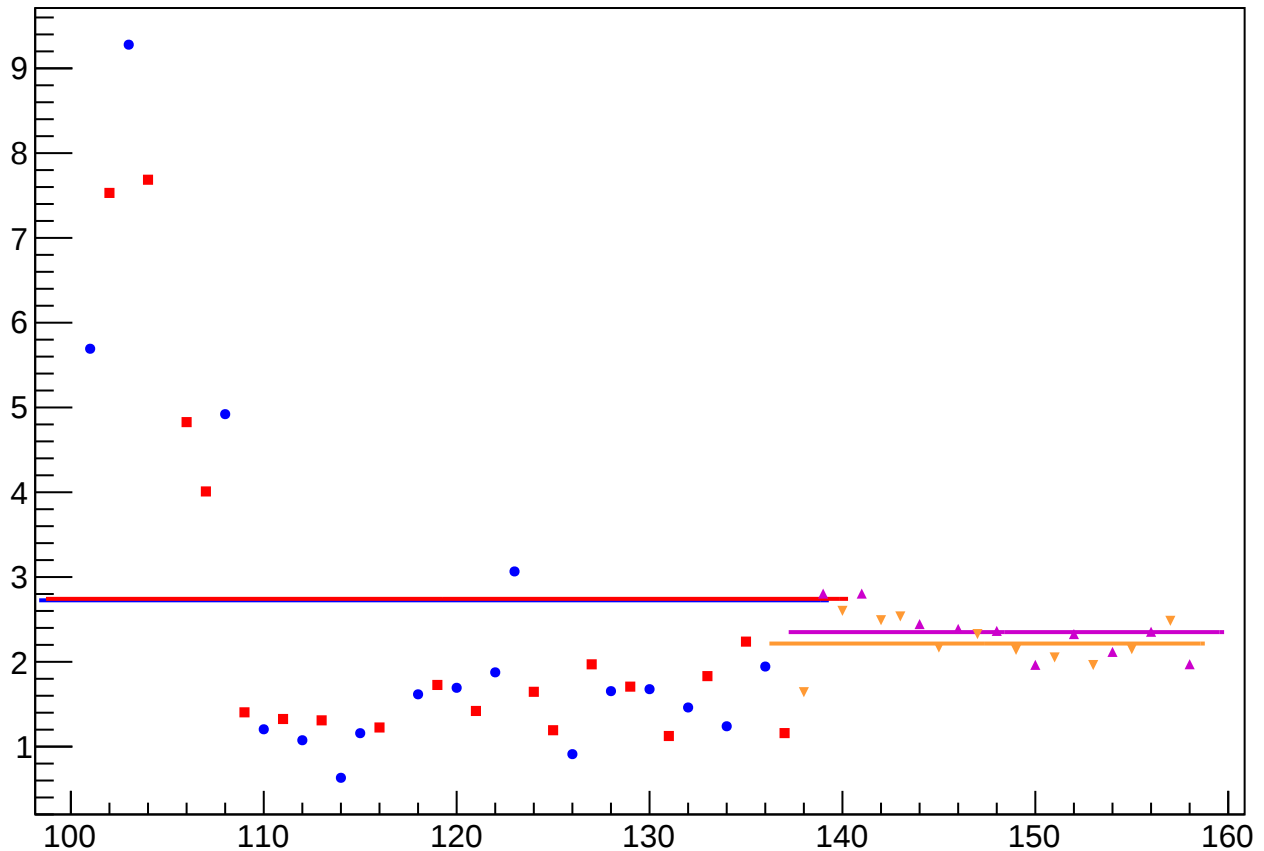
dit_4eX_coil3_mean vs Slug



Right In: -42.348+/-0.000	χ^2/NDF : 214487265312366042421757259213176832.0/16
Left Out: -88.506+/-0.000	χ^2/NDF : 168053002136263459094583102215815168.0/10
Right Out: -38.687+/-0.000	χ^2/NDF : 132884782523479402209438367825788928.0/17
Left In: -94.807+/-0.000	χ^2/NDF : 49076325714489655404251761793302528.0/9

+ sign -67.473+/-0.000 χ^2/NDF : 118739461382458
 All: -68.332+/-0.000 χ^2/NDF : 259462896528
 - sign -69.168+/-0.000 χ^2/NDF : 1405016521659585

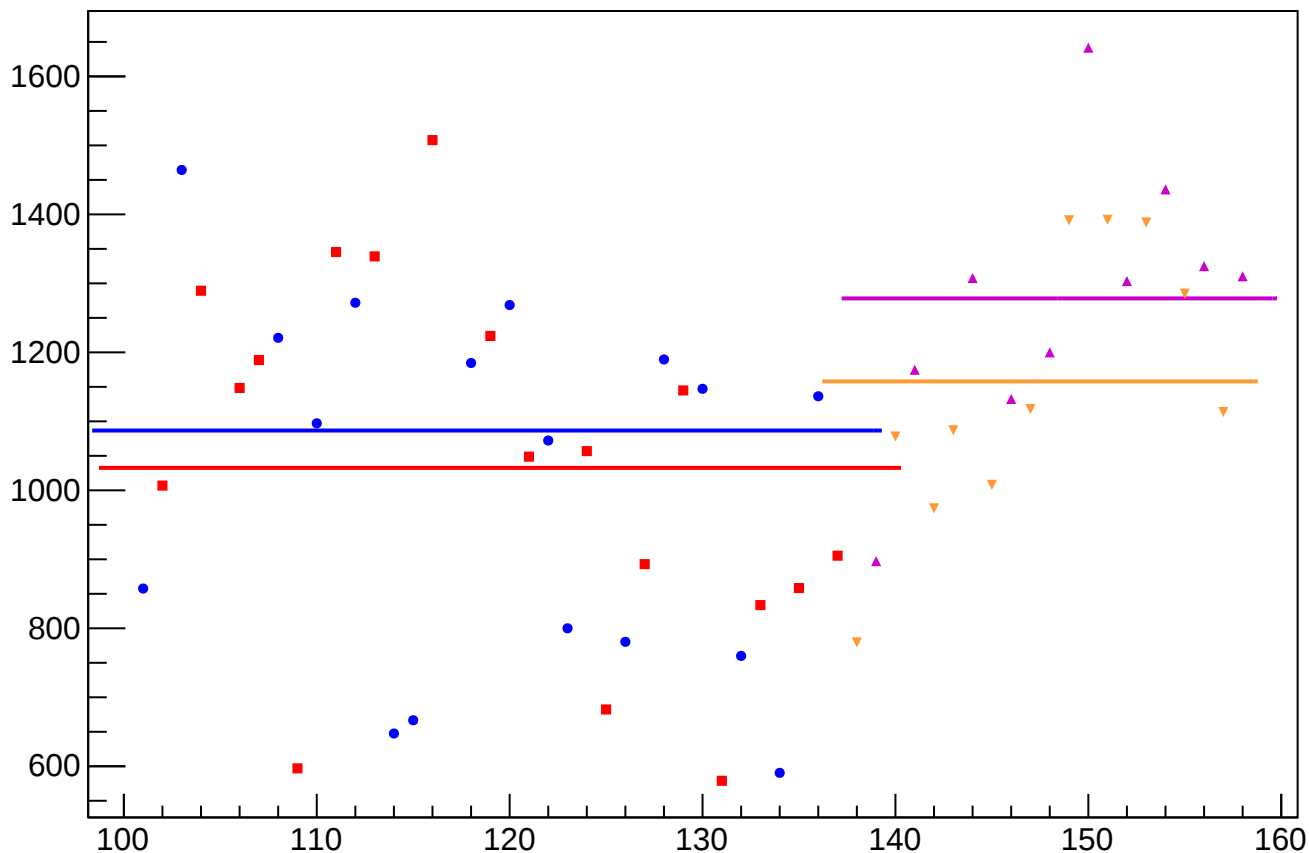
dit_4eX_coil3_err_mean vs Slug



Right In: 2.726+/-0.000	χ^2/NDF : 4086214221048218627232910568062976.0/16
Left Out: 2.216+/-0.000	χ^2/NDF : 63020965142184946668475300970496.0/10
Right Out: 2.743+/-0.000	χ^2/NDF : 3588318821230369709737363581698048.0/17
Left In: 2.351+/-0.000	χ^2/NDF : 6527601206778371957367468405552.0/9

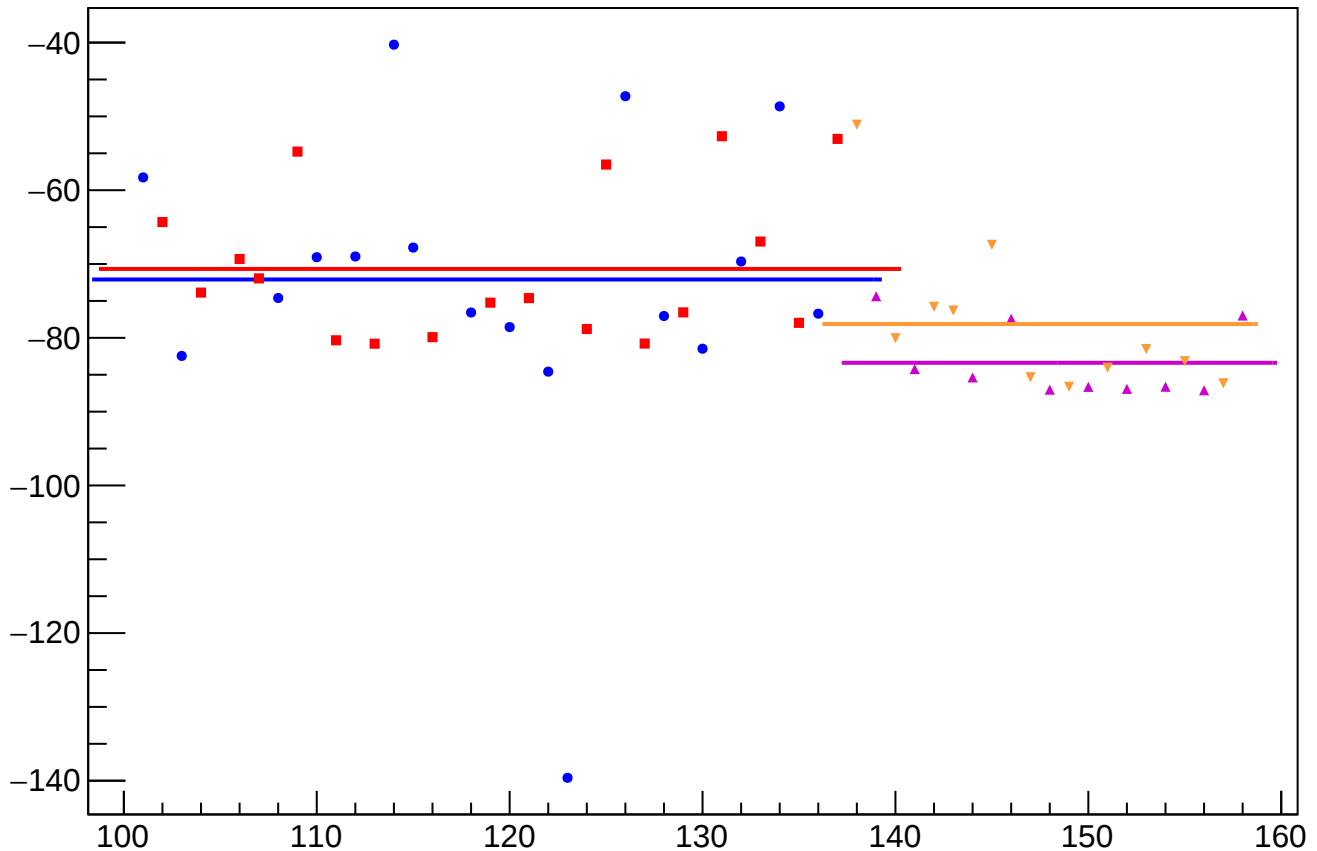
+ sign 2.448+/-0.000 χ^2/NDF : 42474425476448878
 All: 2.489+/-0.000 χ^2/NDF : 7965965485490
 - sign 2.530+/-0.000 χ^2/NDF : 37133642473203790

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	+ sign 1125.462+/-0.000	χ^2/NDF : 66751280610088
Left Out: 1157.917+/-0.000	χ^2/NDF : 30222225806204288922521502555630993408.0/10	All: 1145.995+/-0.000	χ^2/NDF : 16863668190
Right Out: 1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	- sign 1165.976+/-0.000	χ^2/NDF : 10061848008215
Left In: 1278.216+/-0.000	χ^2/NDF : 29565438458869811796359539499848433664.0/9		

dit_11X12X_coil3_mean vs Slug



Right In: -72.094+/-0.000 χ^2/NDF : 103075229118962583323813478911705088.0/16

+ sign -75.380+/-0.000 χ^2/NDF : 204059957273882

Left Out: -78.131+/-0.000 χ^2/NDF : 87214912749830861940372490233577472.0/10

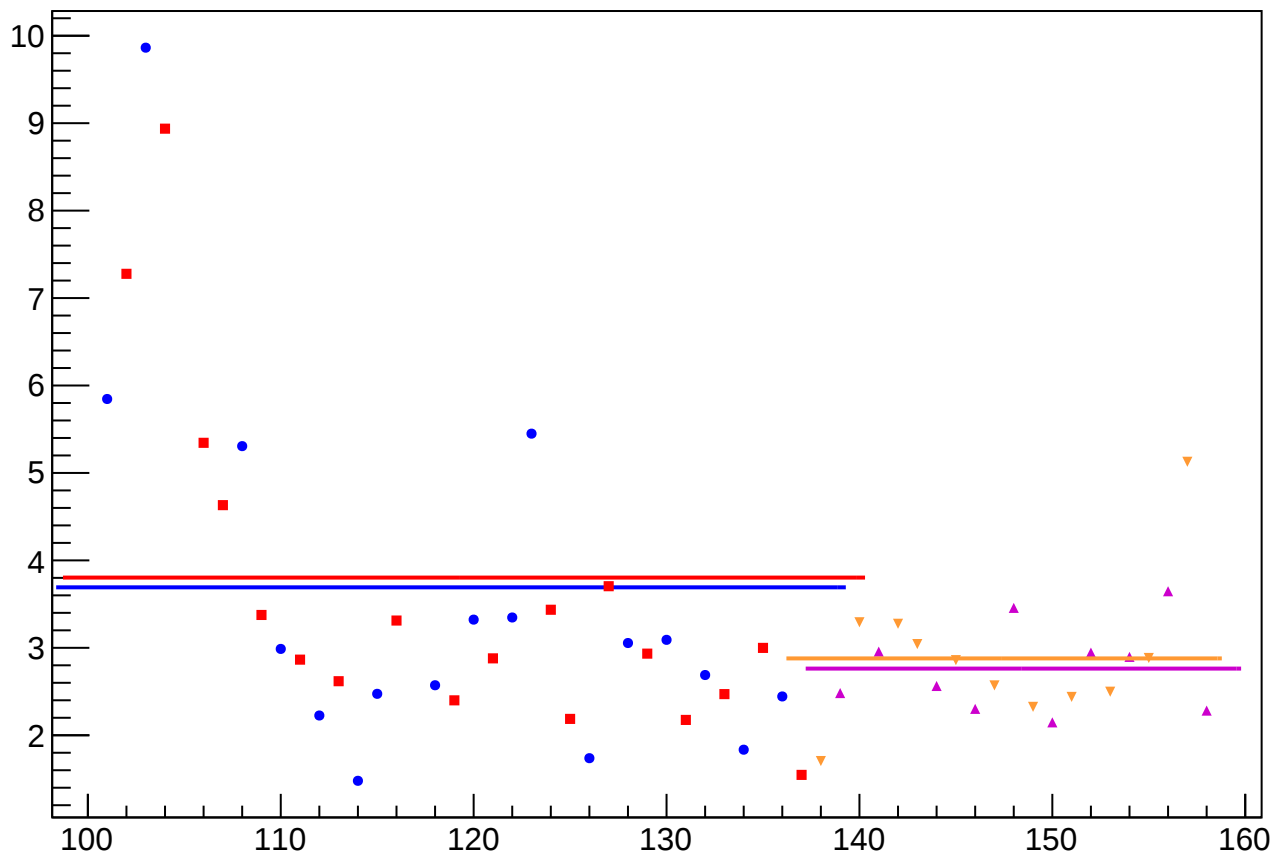
All: -76.491+/-0.000 χ^2/NDF : 352559512818

Right Out: -70.666+/-0.000 χ^2/NDF : 63521582322355548765057214851317760.0/17

- sign -77.572+/-0.000 χ^2/NDF : 1447915588497095

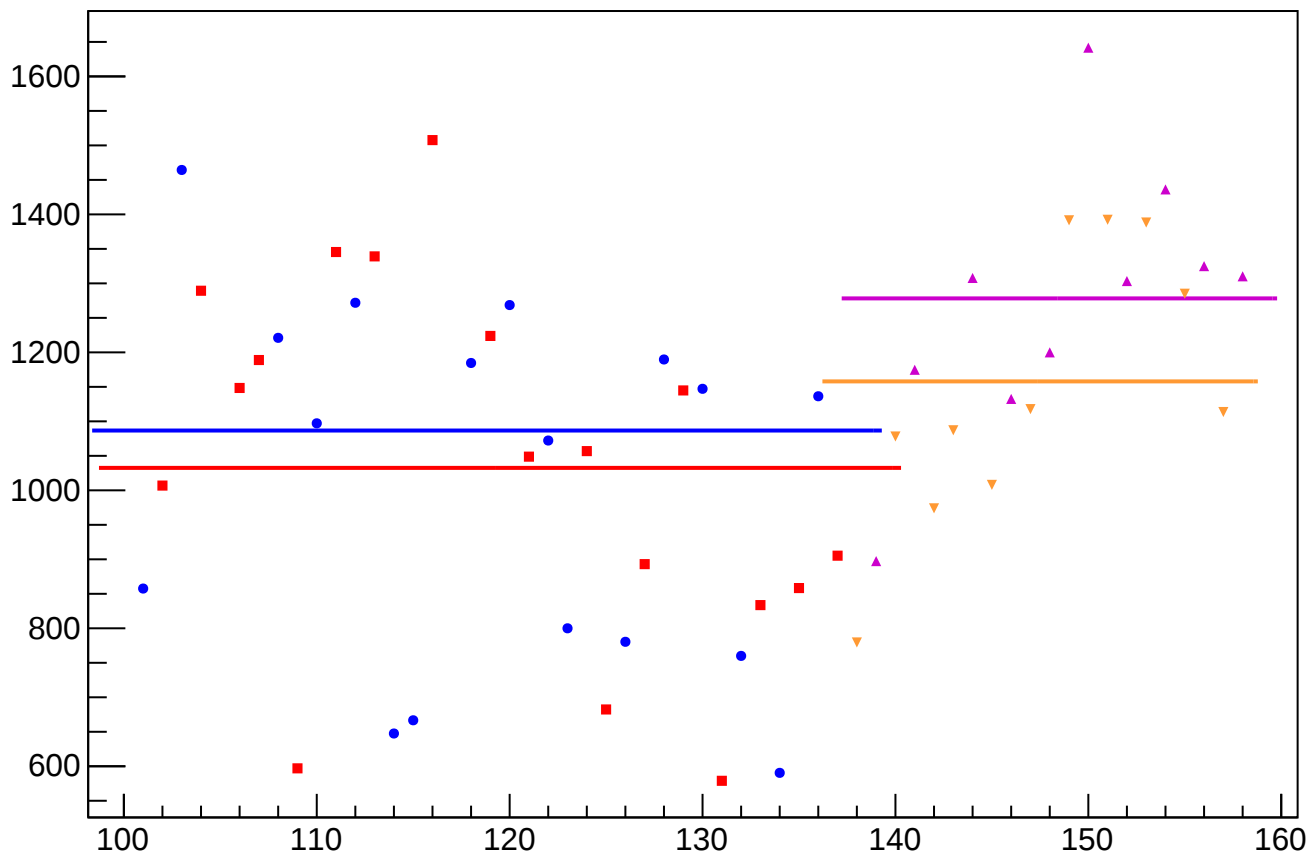
Left In: -83.381+/-0.000 χ^2/NDF : 18480121468749752316420995095199744.0/9

dit_11X12X_coil3_err_mean vs Slug



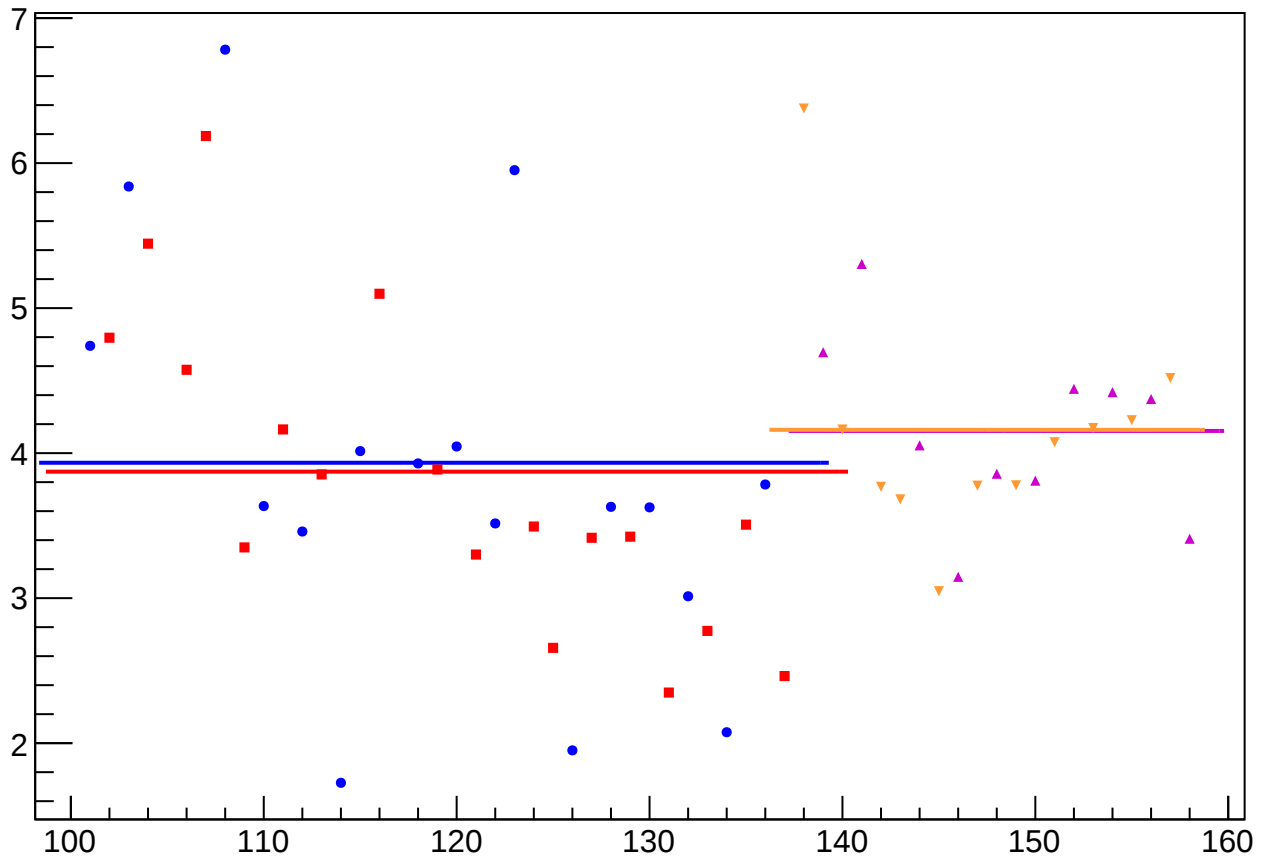
Right In: 3.692 $\pm$ 0.000 χ^2/NDF : 3355971788555014480502828790972416.0/16
 Left Out: 2.879 $\pm$ 0.000 χ^2/NDF : 565186163234346699602502434684928.0/10
 Right Out: 3.803 $\pm$ 0.000 χ^2/NDF : 2825063553426013260614294392799232.0/17
 Left In: 2.762 $\pm$ 0.000 χ^2/NDF : 191366283566687584936737820901376.0/9

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	+ sign 1125.462+/-0.000	χ^2/NDF : 66751280610088
Left Out: 1157.917+/-0.000	χ^2/NDF : 30222225806204288922521502555630993408.0/10	All: 1145.995+/-0.000	χ^2/NDF : 16863668190
Right Out: 1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	- sign 1165.976+/-0.000	χ^2/NDF : 10061848008215
Left In: 1278.216+/-0.000	χ^2/NDF : 29565438458869811796359539499848433664.0/9		

dit_4aY_coil3_mean vs Slug



Right In: 3.934 ± 0.000 χ^2/NDF : 937288717449166058748009299050496.0/16

Left Out: 4.161 ± 0.000 χ^2/NDF : 536284308360048671718189733773312.0/10

Right Out: 3.872 ± 0.000 χ^2/NDF : 707048075514761321683781922324480.0/17

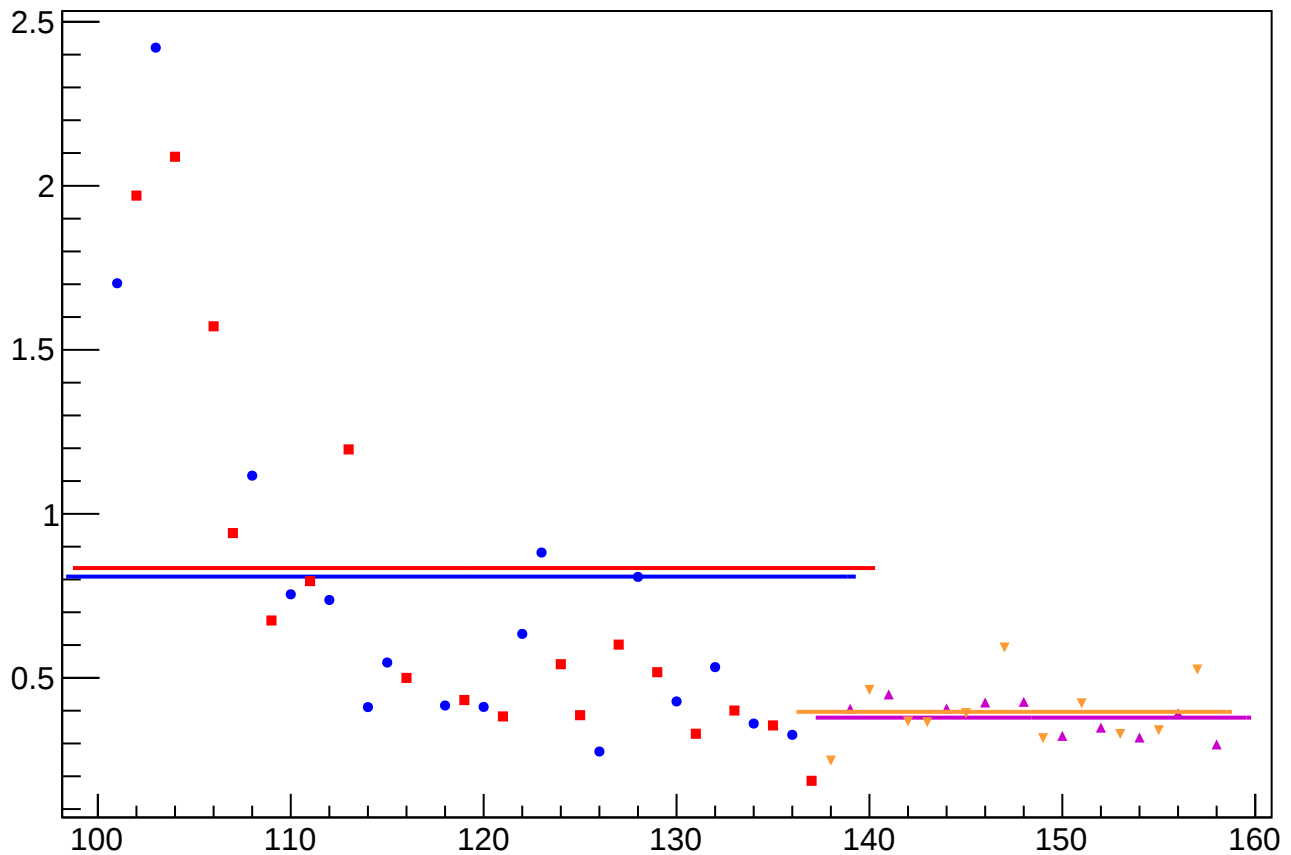
Left In: 4.153 ± 0.000 χ^2/NDF : 301860328843619190813127318962176.0/9

+ sign 4.057 ± 0.000 χ^2/NDF : 14930357006118249

All: 4.041 ± 0.000 χ^2/NDF : 25333739405785

- sign 4.025 ± 0.000 χ^2/NDF : 10395249808924404

dit_4aY_coil3_err_mean vs Slug



Right In: 0.809 ± 0.000 χ^2/NDF : 269169890346681229126320544284672.0/16

Left Out: 0.396 ± 0.000 χ^2/NDF : 7658685346659723492177410523136.0/10

Right Out: 0.835 ± 0.000 χ^2/NDF : 250373306610542576736300880101376.0/17

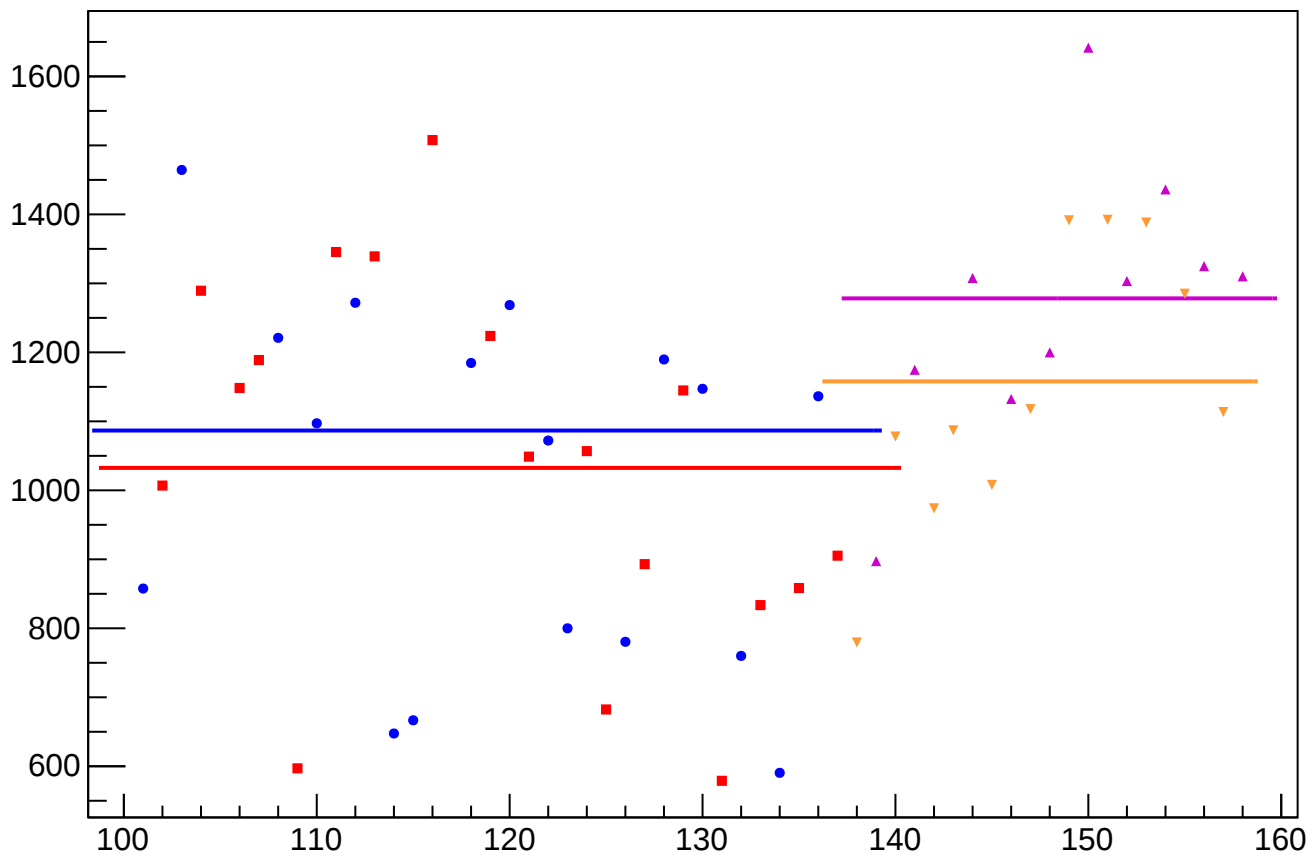
Left In: 0.379 ± 0.000 χ^2/NDF : 2167220779316769853142697246720.0/9

+ sign 0.584 ± 0.000 χ^2/NDF : 34107137841757311

All: 0.586 ± 0.000 χ^2/NDF : 67437451952197

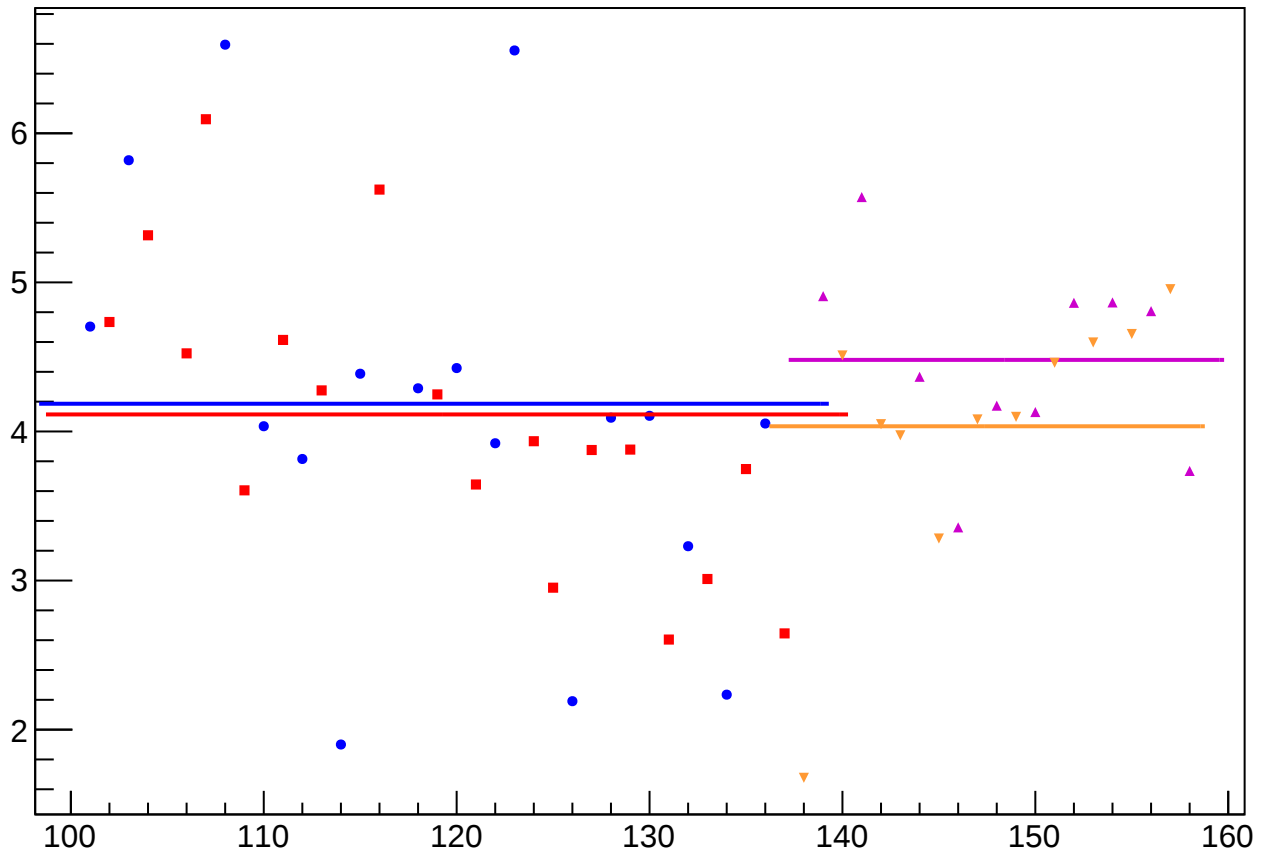
- sign 0.587 ± 0.000 χ^2/NDF : 33329706618328257

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	+ sign 1125.462+/-0.000	χ^2/NDF : 66751280610088
Left Out: 1157.917+/-0.000	χ^2/NDF : 30222225806204288922521502555630993408.0/10	All: 1145.995+/-0.000	χ^2/NDF : 16863668190
Right Out: 1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	- sign 1165.976+/-0.000	χ^2/NDF : 10061848008215
Left In: 1278.216+/-0.000	χ^2/NDF : 29565438458869811796359539499848433664.0/9		

dit_4eY_coil3_mean vs Slug



Right In: 4.186+/-0.000 χ^2/NDF : 774445398310846770950220892078080.0/16

Left Out: 4.035+/-0.000 χ^2/NDF : 631182807062998199865849168265216.0/10

Right Out: 4.114+/-0.000 χ^2/NDF : 573990867601521273238766982529024.0/17

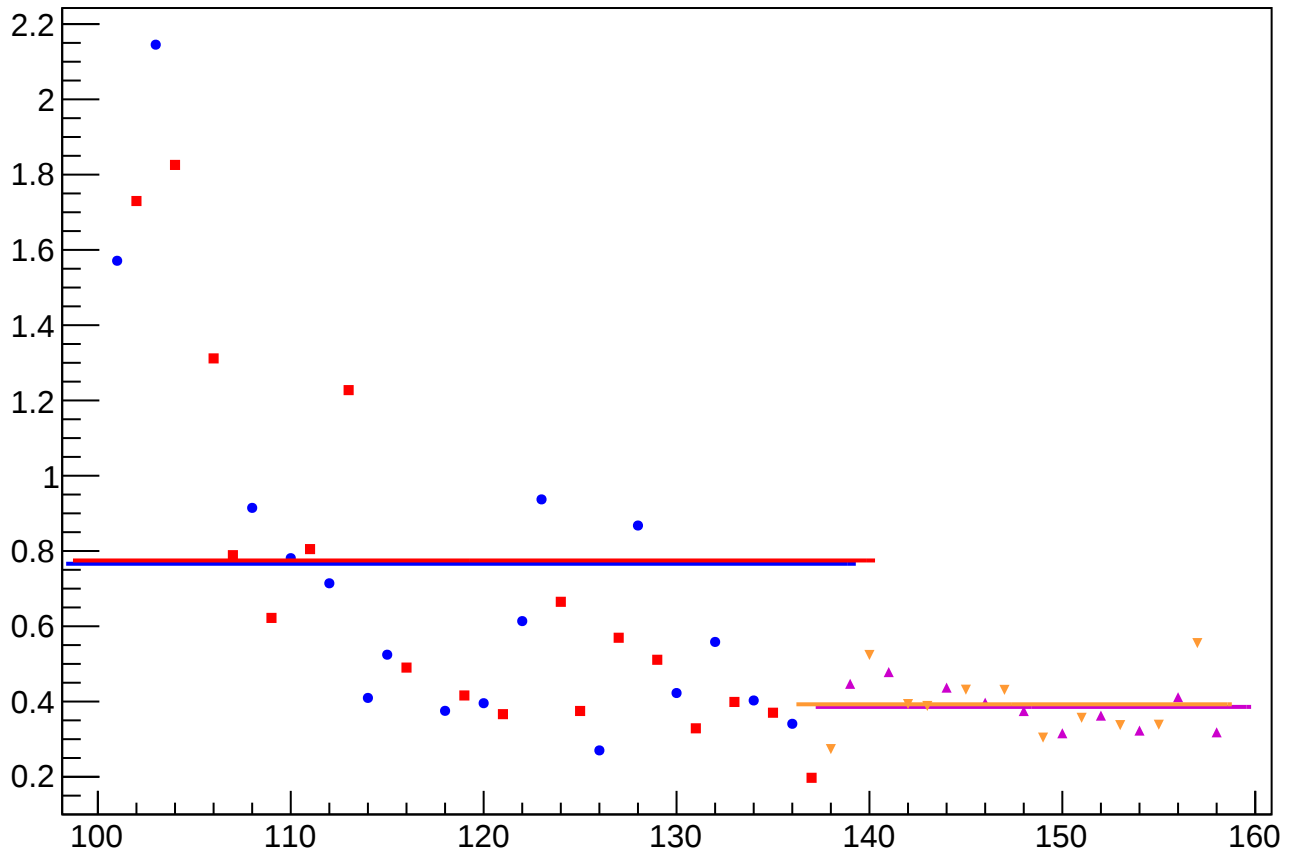
Left In: 4.480+/-0.000 χ^2/NDF : 320599318024464064331681871429632.0/9

+ sign 4.104+/-0.000 χ^2/NDF : 14142568096270325

All: 4.210+/-0.000 χ^2/NDF : 23946401684024

- sign 4.313+/-0.000 χ^2/NDF : 94657236826925838

dit_4eY_coil3_err_mean vs Slug



Right In: 0.766 $\pm$ 0.000 χ^2 /NDF: 204784790719097578994787197911040.0/16

+ sign 0.563 $\pm$ 0.000 χ^2 /NDF: 26342080381386819

Left Out: 0.393 $\pm$ 0.000 χ^2 /NDF: 5955689544960001413405755834368.0/10

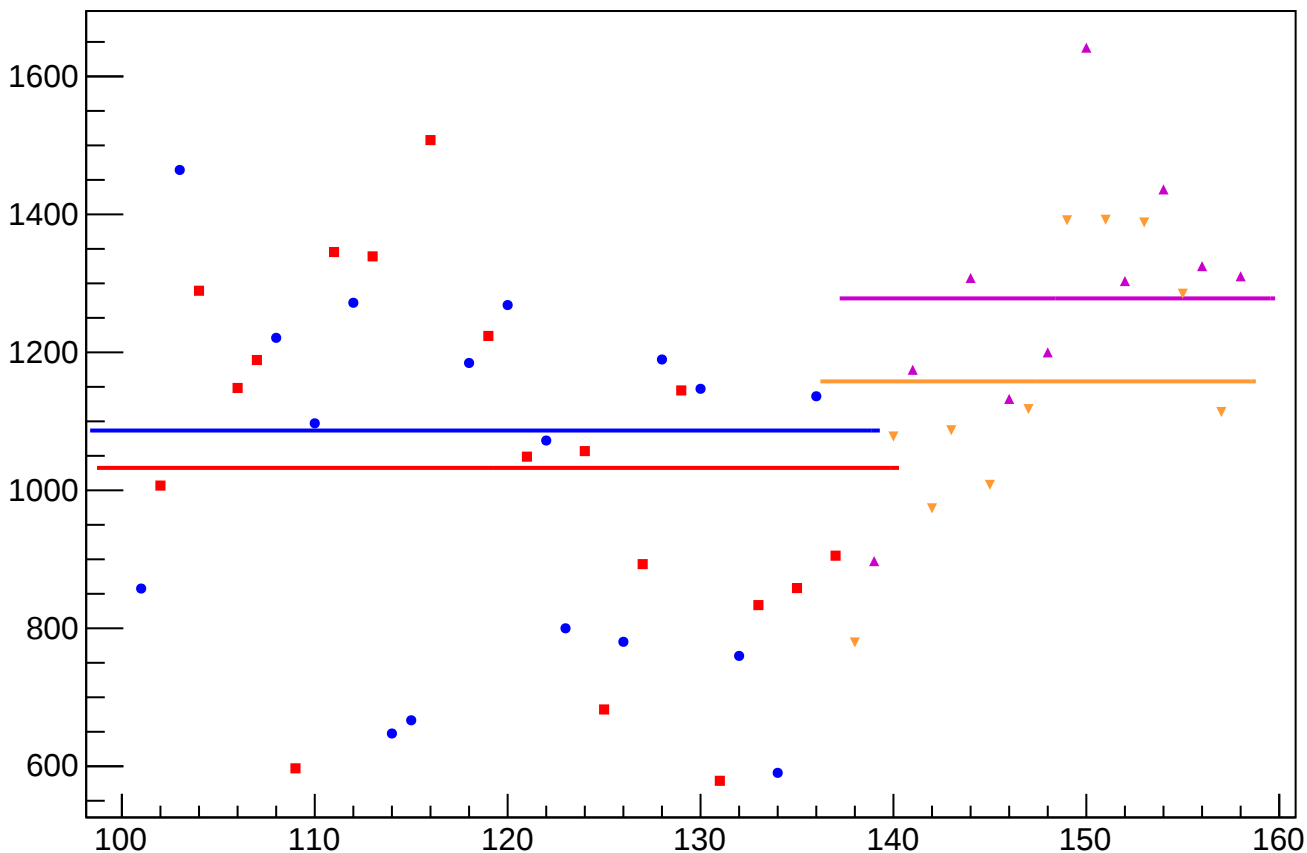
All: 0.563 $\pm$ 0.000 χ^2 /NDF: 50704592778919

Right Out: 0.775 $\pm$ 0.000 χ^2 /NDF: 182293178606852047340817164009472.0/17

- sign 0.564 $\pm$ 0.000 χ^2 /NDF: 24362477019517222

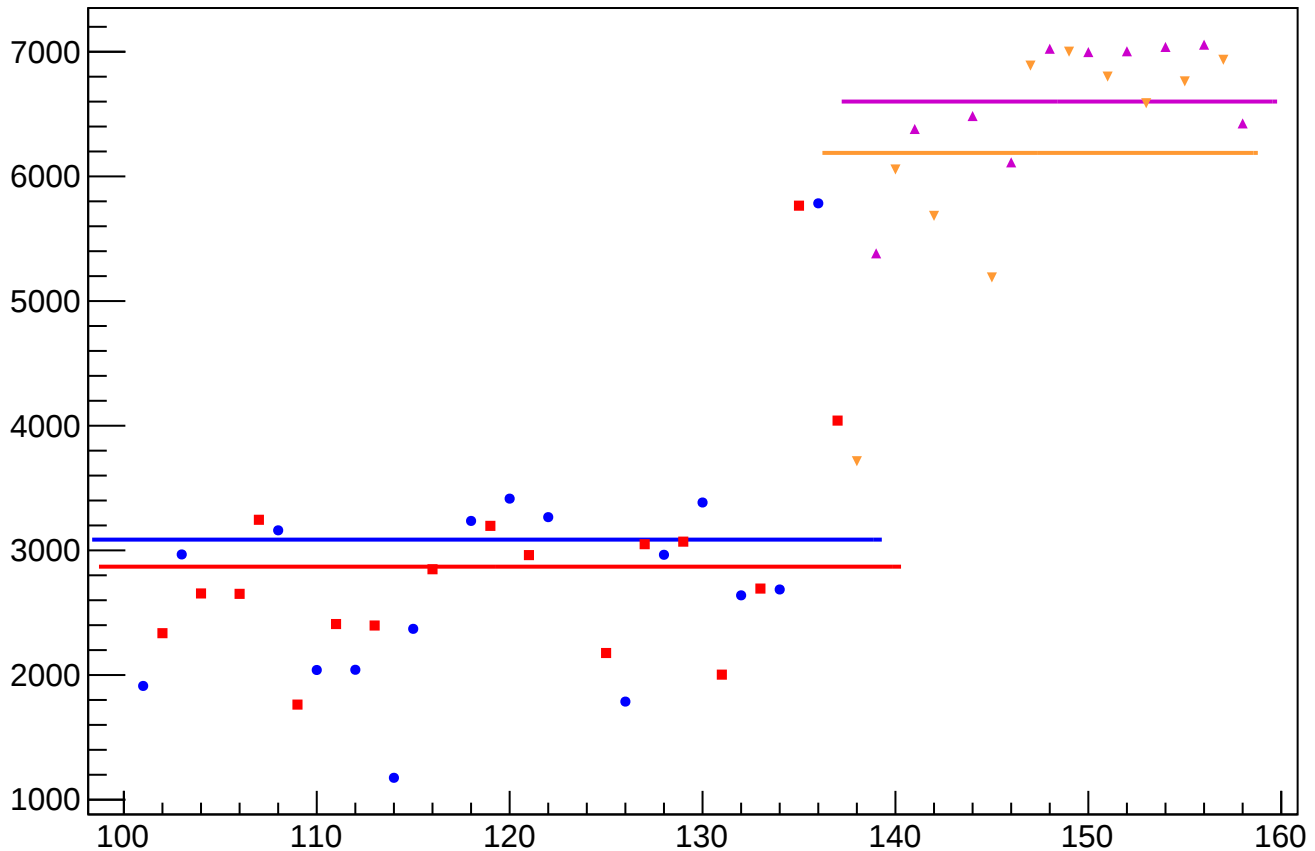
Left In: 0.386 $\pm$ 0.000 χ^2 /NDF: 2553757687053807266639055421440.0/9

dit_4eY_coil3_Ndata_mean vs Slug



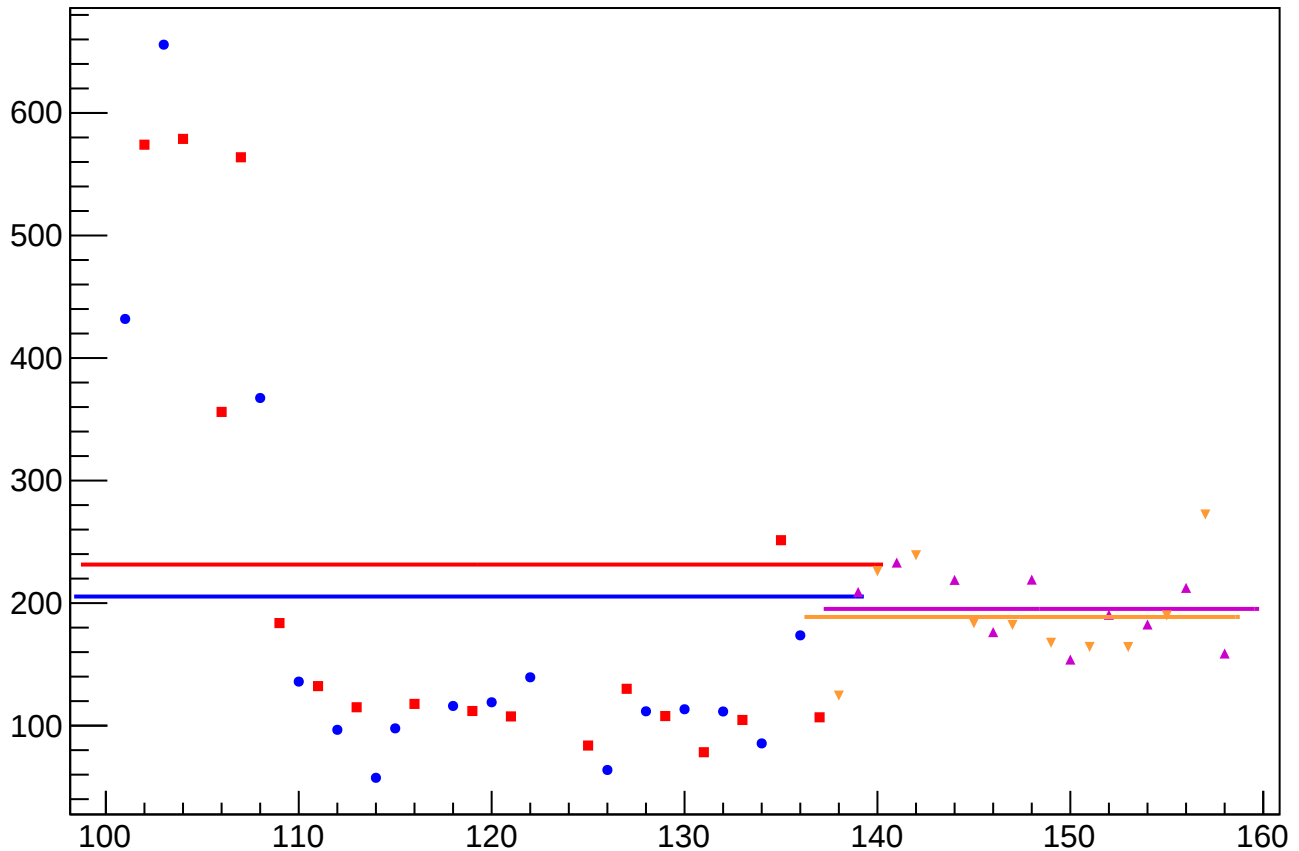
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1157.917+/-0.000 χ^2/NDF : 30222225806204288922521502555630993408.0/10
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_usl_coil3_mean vs Slug



Right In: 3086.294+/-0.000 χ^2/NDF : 957872647656521012418983150086021709824.0/15
 Left Out: 6188.579+/-0.000 χ^2/NDF : 771841282886854322155362299806341922816.0/9
 Right Out: 2869.332+/-0.000 χ^2/NDF : 591237562305543847323062569482235936768.0/16
 Left In: 6600.442+/-0.000 χ^2/NDF : 224942079518716167374368870224264953856.0/9
 All: 4817.522+/-0.000 χ^2/NDF : 11408924391
 + sign 4714.353+/-0.000 χ^2/NDF : 52146999871801
 - sign 4914.105+/-0.000 χ^2/NDF : 61643012753144

dit_usl_coil3_err_mean vs Slug



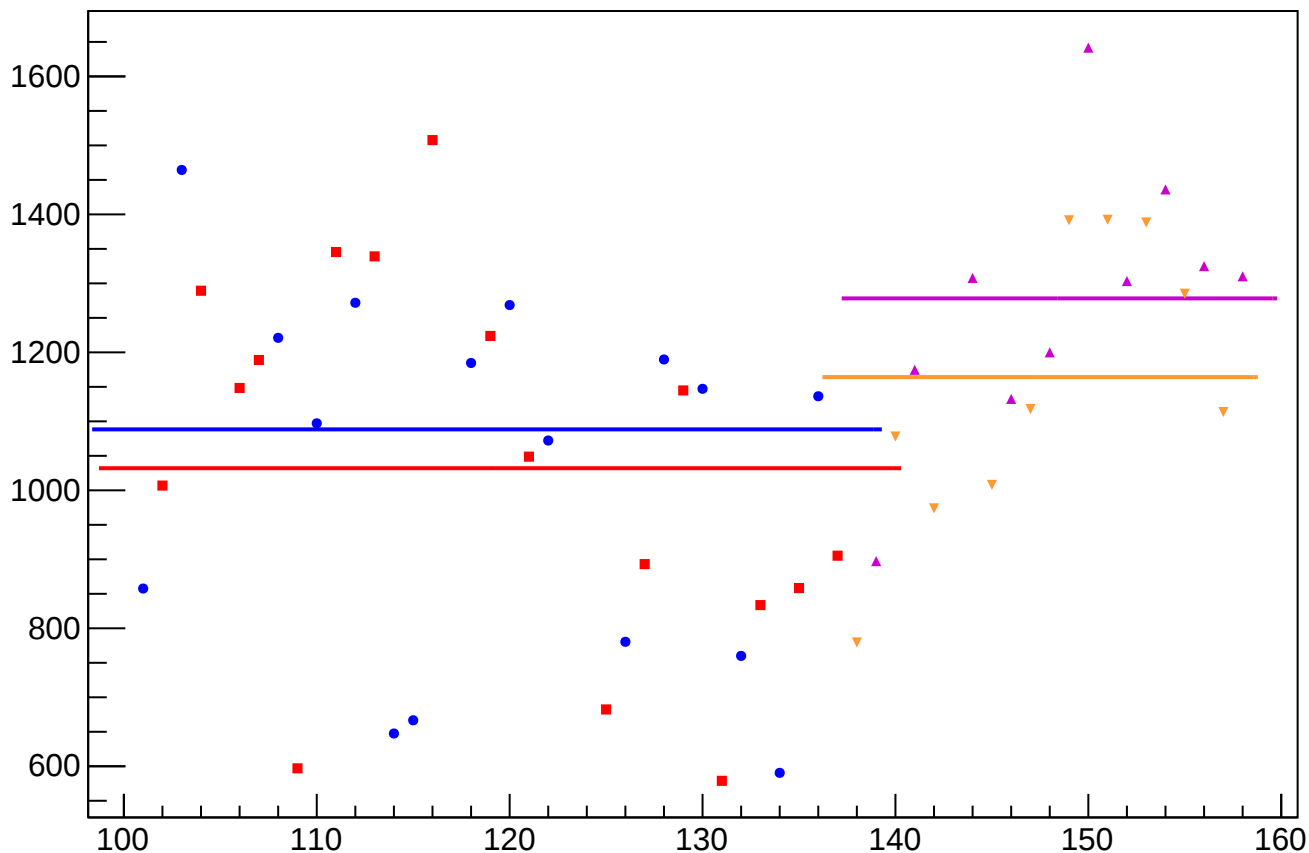
Right In: 205.364+/-0.000 χ^2/NDF : 20493668782682953984090808657754718208.0/15

Left Out: 188.694+/-0.000 χ^2/NDF : 1209477851892320927828273066217046016.0/9

Right Out: 231.450+/-0.000 χ^2/NDF : 23996601891457376807935240829130506240.0/16

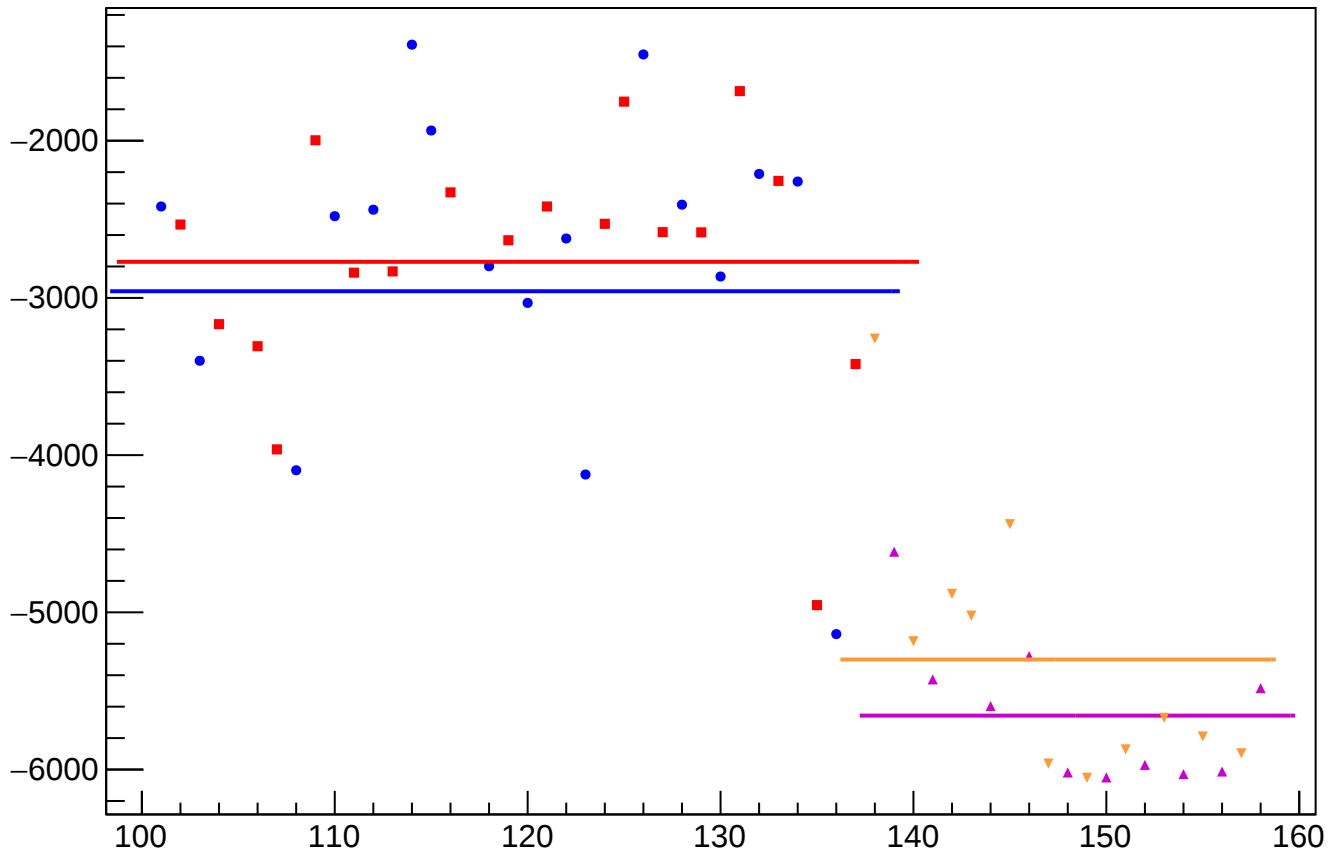
Left In: 195.266+/-0.000 χ^2/NDF : 567404474422572814945599053914701824.0/9

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1088.357+/-0.000 χ^2/NDF : 34282153777351983771685586546357960704.0/15
 Left Out: 1164.147+/-0.000 χ^2/NDF : 29856259848520006857784505133294419968.0/9
 Right Out: 1032.058+/-0.000 χ^2/NDF : 47606445983736508238206731798200713216.0/16
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

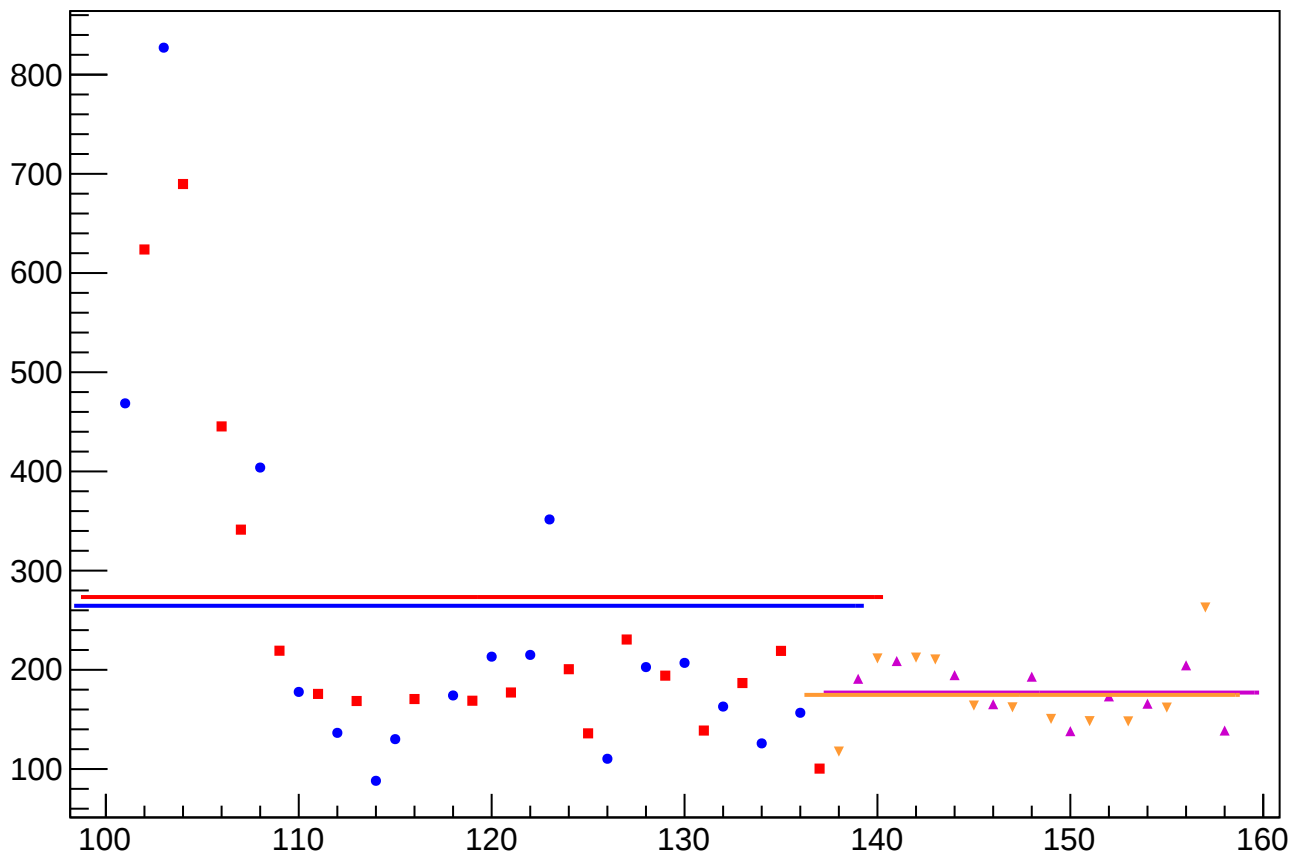
dit_usr_coil3_mean vs Slug



Right In: -2957.567+/-0.000	χ^2/NDF : 713909426456610215881026852236843548672.0/16
Left Out: -5300.102+/-0.000	χ^2/NDF : 561144833645130517617995189261984333824.0/10
Right Out: -2770.253+/-0.000	χ^2/NDF : 445434357481765841936850386629712412672.0/17
Left In: -5656.990+/-0.000	χ^2/NDF : 163284899353922867807361100311074701312.0/9

+ sign -4232.657+/-0.000 χ^2/NDF : 3347990795807
 All: -4286.110+/-0.000 χ^2/NDF : 7201419081
 - sign -4338.129+/-0.000 χ^2/NDF : 38448417696347

dit_usr_coil3_err_mean vs Slug



Right In: 264.557 +/- 0.000 χ^2/NDF : 27392235444982313348552279916984401920.0/16

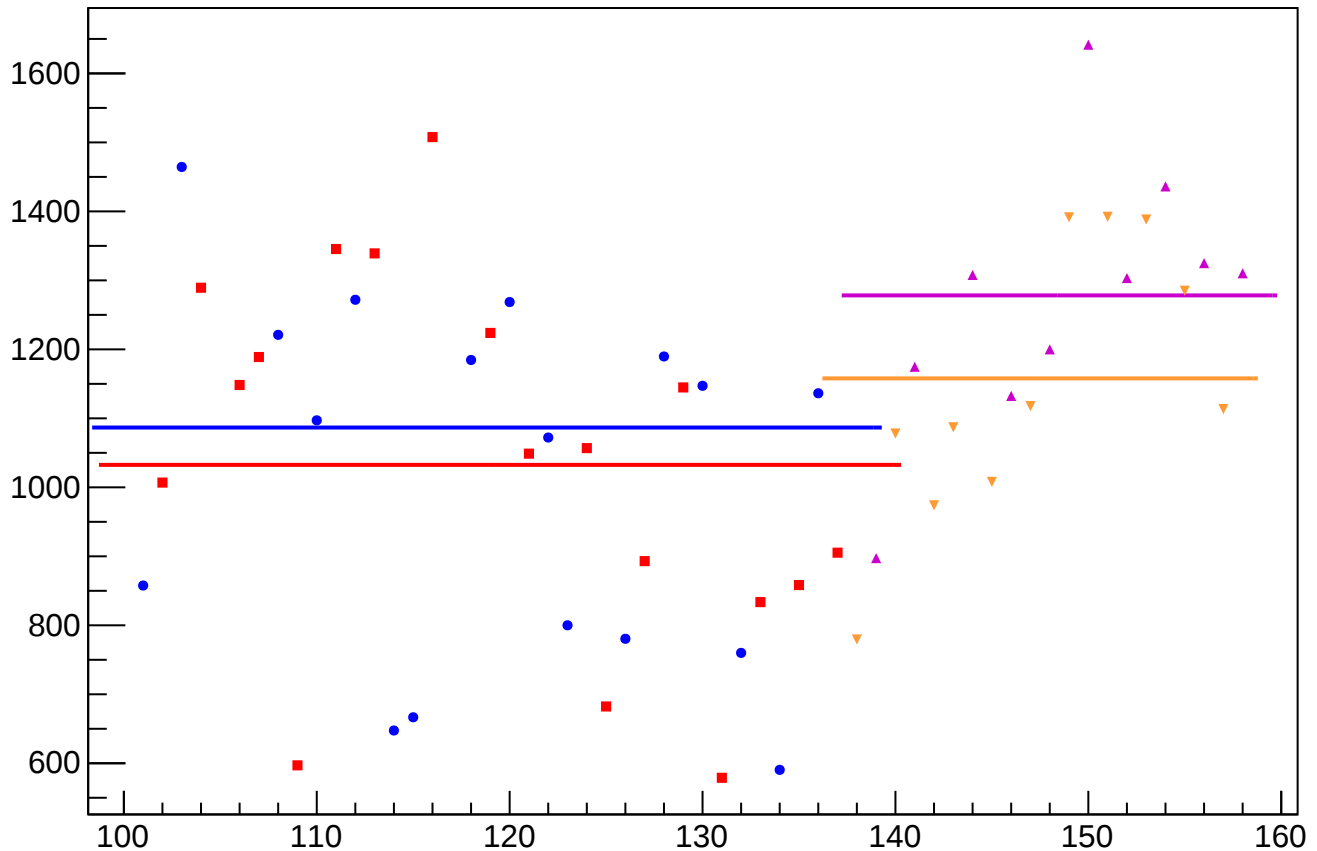
Left Out: 174.746 +/- 0.000 χ^2/NDF : 1288667357635740914109863864135843840.0/10

Right Out: 273.375 +/- 0.000 χ^2/NDF : 22103440288407609769259099140296540160.0/17

Left In: 177.068 +/- 0.000 χ^2/NDF : 491247939171468241012921259513610240.0/9

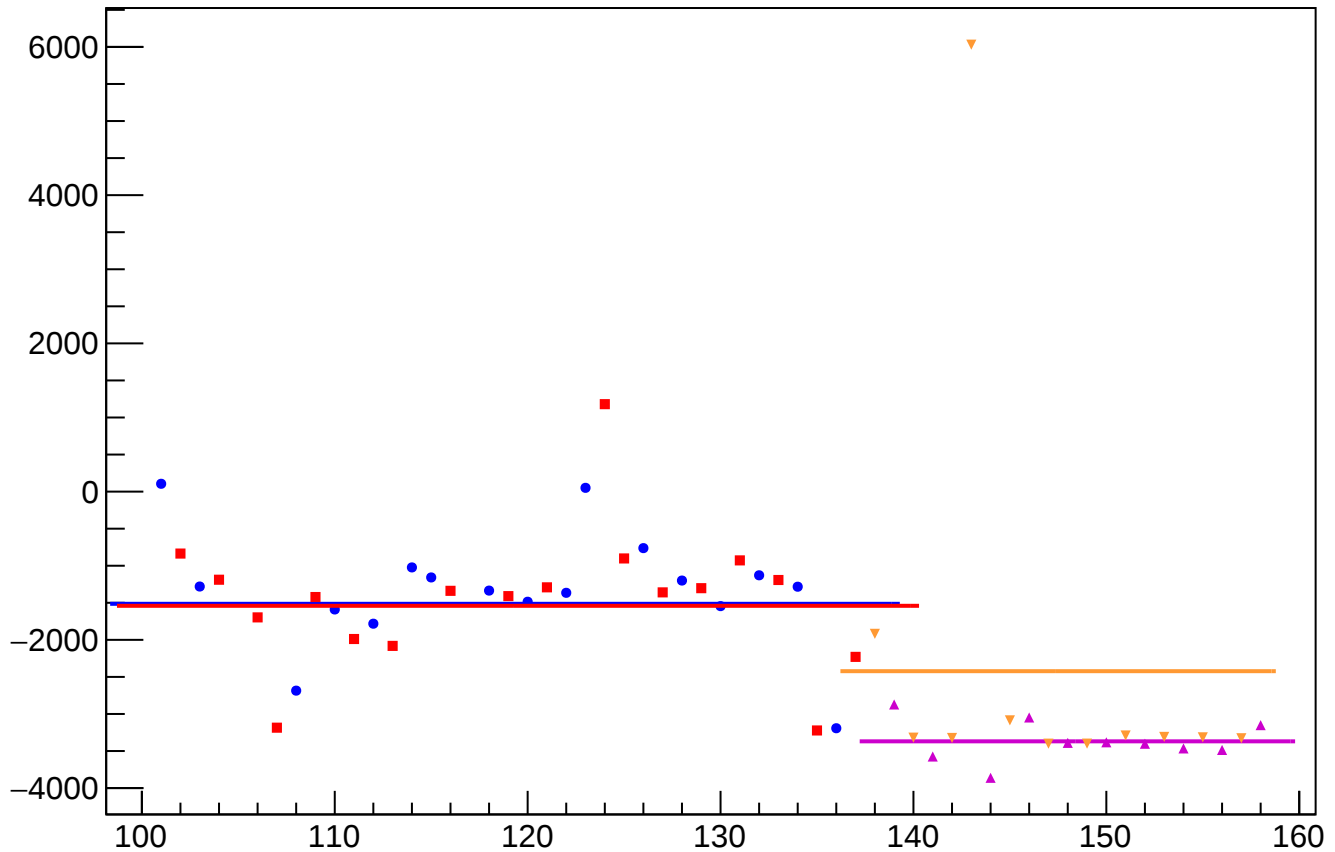
All: 218.406 +/- 0.000 χ^2/NDF : 579469340240.0/10

dit_usr_coil3_Ndata_mean vs Slug



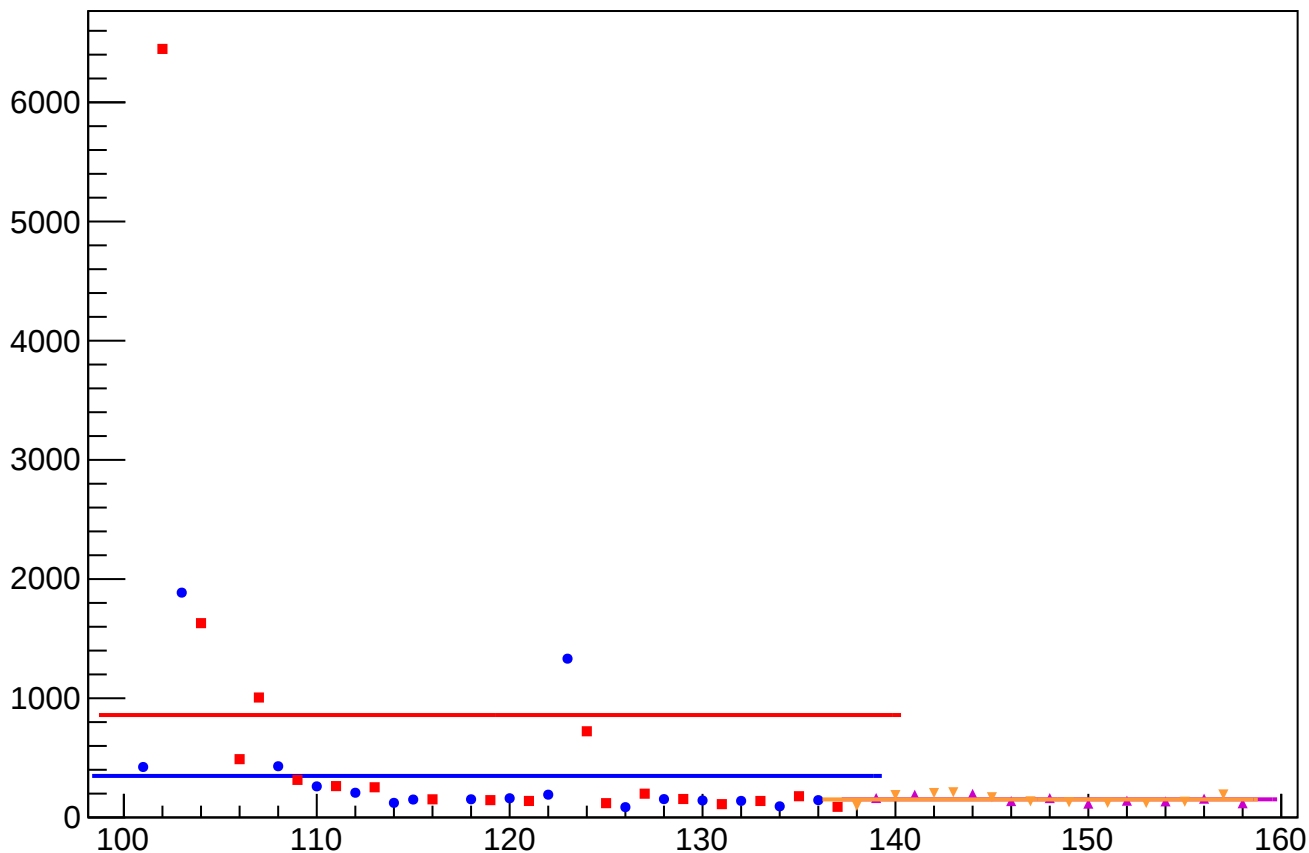
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1157.917+/-0.000 χ^2/NDF : 30222225806204288922521502555630993408.0/10
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_atl1_coil3_mean vs Slug



Right In: -1513.653+/-0.000 χ^2/NDF : 514234912482757513557339366977389461504.0/16
 Left Out: -2422.687+/-0.000 χ^2/NDF : 5348725244288903152658636583356648652800.0/10
 Right Out: -1540.621+/-0.000 χ^2/NDF : 446199417852057016559160819528574697472.0/17
 Left In: -3369.262+/-0.000 χ^2/NDF : 59654542242625532346305248704054951936.0/9
 All: -2274.708+/-0.000 χ^2/NDF : 8192578467
 + sign -2008.459+/-0.000 χ^2/NDF : 6175118002511
 - sign -2533.813+/-0.000 χ^2/NDF : 18044303688561

dit_atl1_coil3_err_mean vs Slug



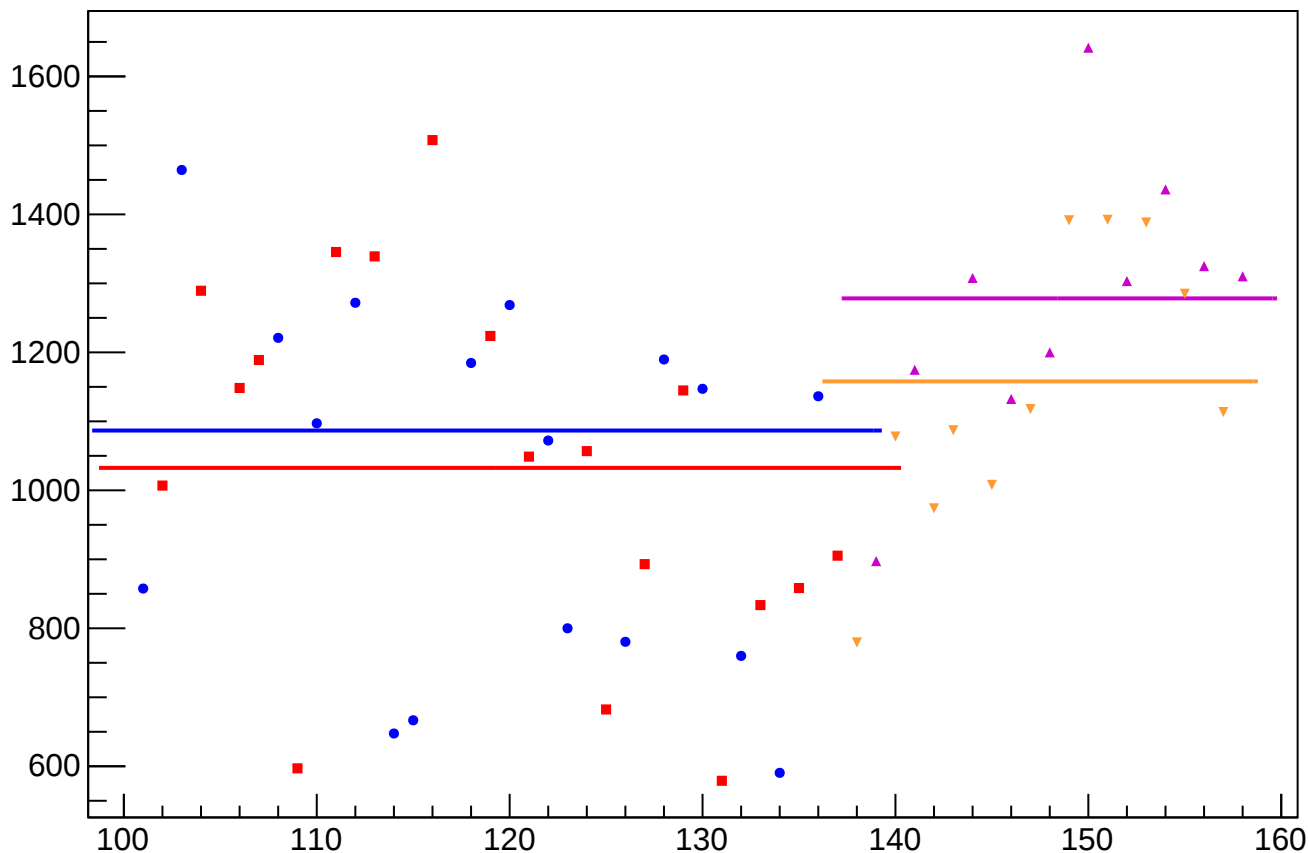
Right In: 348.444+/-0.000 χ^2/NDF : 164421878122610355371654497383202422784.0/16

Left Out: 151.384+/-0.000 χ^2/NDF : 1108050358055210535088883394838265856.0/10

Right Out: 859.360+/-0.000 χ^2/NDF : 2089894584846900651264019930845330538496.0/17

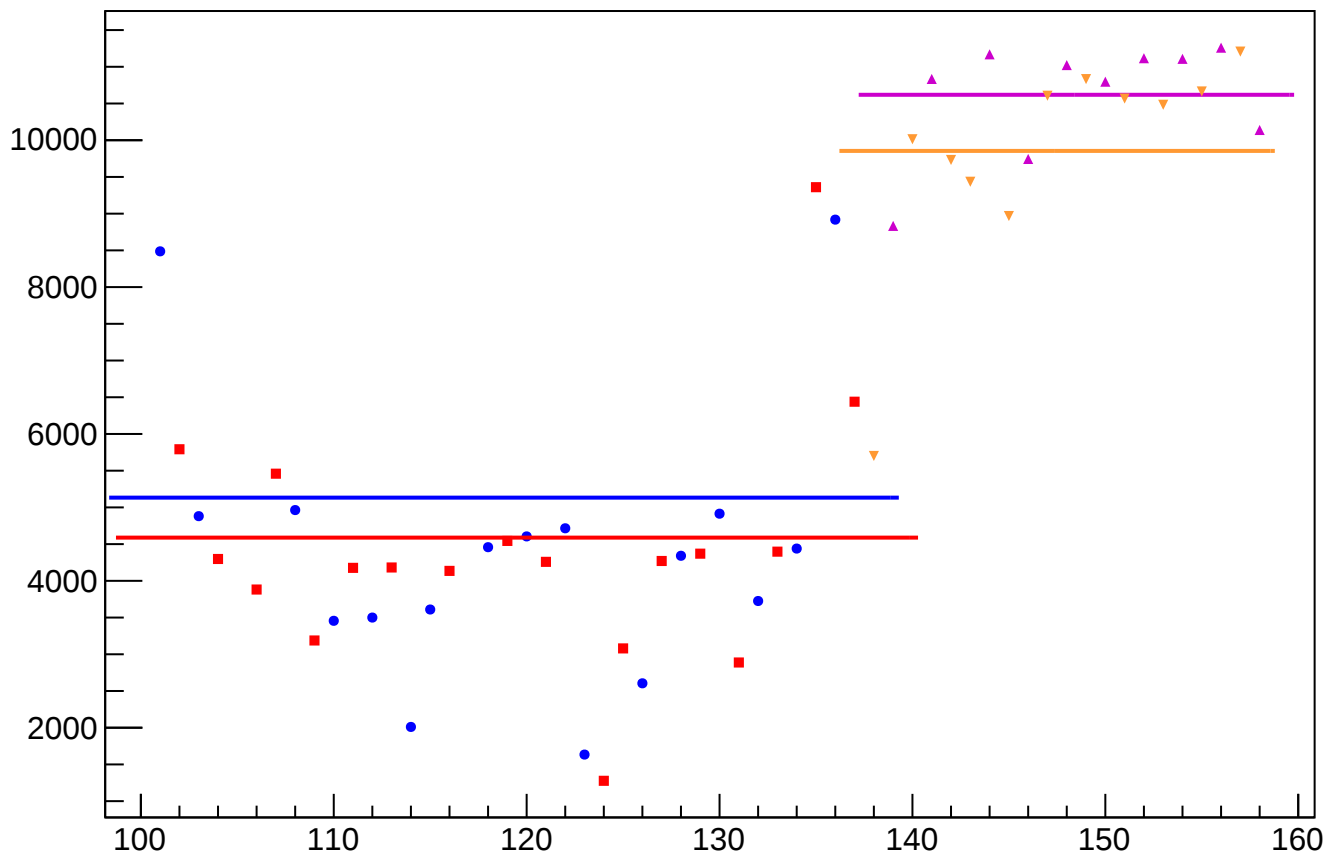
Left In: 151.982+/-0.000 χ^2/NDF : 596546594951710595778899202281570304.0/9

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	+ sign 1125.462+/-0.000	χ^2/NDF : 66751280610088
Left Out: 1157.917+/-0.000	χ^2/NDF : 30222225806204288922521502555630993408.0/10	All: 1145.995+/-0.000	χ^2/NDF : 16863668190
Right Out: 1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	- sign 1165.976+/-0.000	χ^2/NDF : 10061848008215
Left In: 1278.216+/-0.000	χ^2/NDF : 29565438458869811796359539499848433664.0/9		

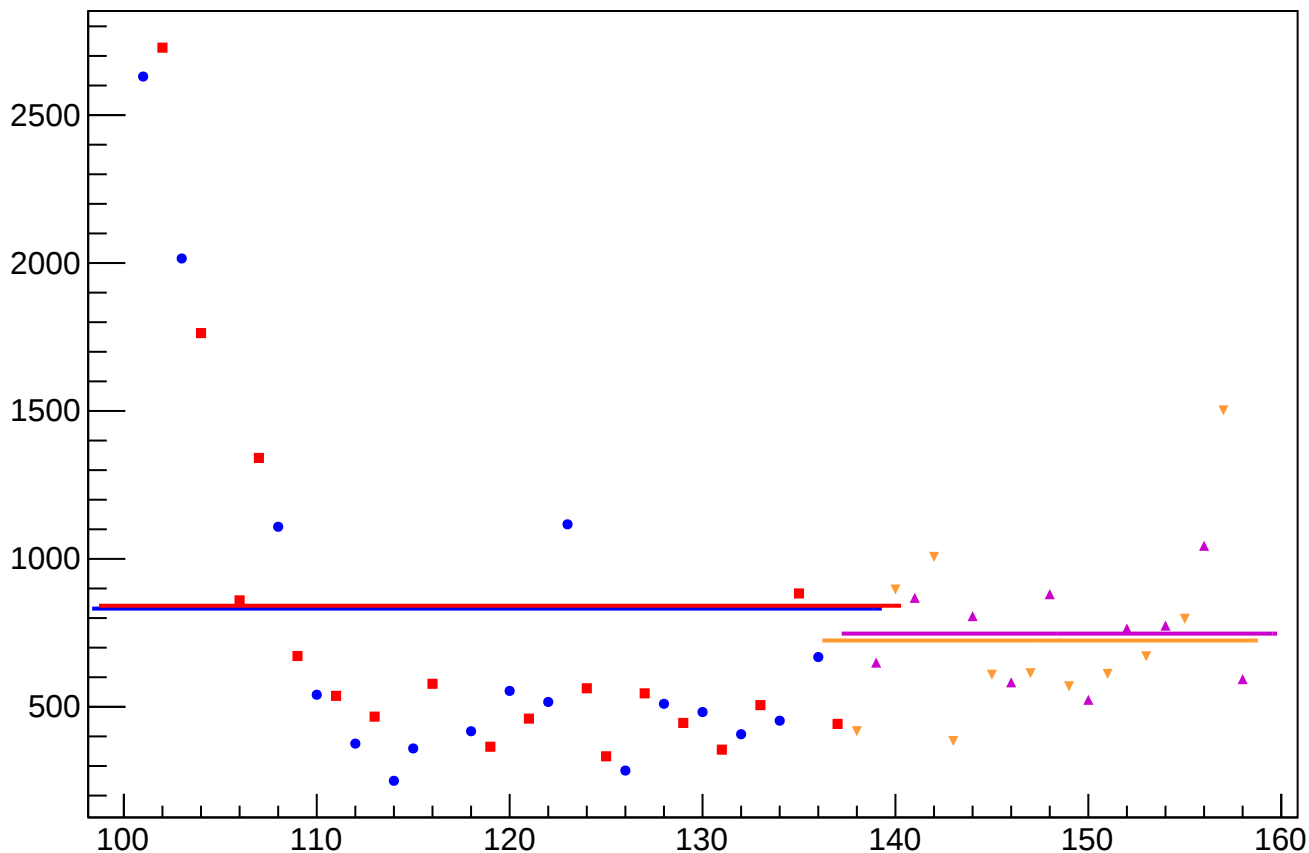
dit_atl2_coil3_mean vs Slug



Right In: 5133.097+/-0.000 χ^2/NDF : 2783606731789543492542627200033364115456.0/16
 Left Out: 9854.410+/-0.000 χ^2/NDF : 1806596357143593770761301746127156019200.0/10
 Right Out: 4588.565+/-0.000 χ^2/NDF : 1762679658137517030098233744958039261184.0/17
 Left In: 10618.590+/-0.000 χ^2/NDF : 463587546577514645032439659663758196736.0/9

+ sign 7703.004+/-0.000 χ^2/NDF : 13010738232899
 All: 7784.424+/-0.000 χ^2/NDF : 29377387182
 - sign 7863.658+/-0.000 χ^2/NDF : 16346727585121

dit_atl2_coil3_err_mean vs Slug



Right In: 831.957+/-0.000 χ^2/NDF : 349451729062960856481628082238677581824.0/16

Left Out: 724.106+/-0.000 χ^2/NDF : 71603456145848533119275415155635126272.0/10

Right Out: 841.697+/-0.000 χ^2/NDF : 327194571788790762884924618221350289408.0/17

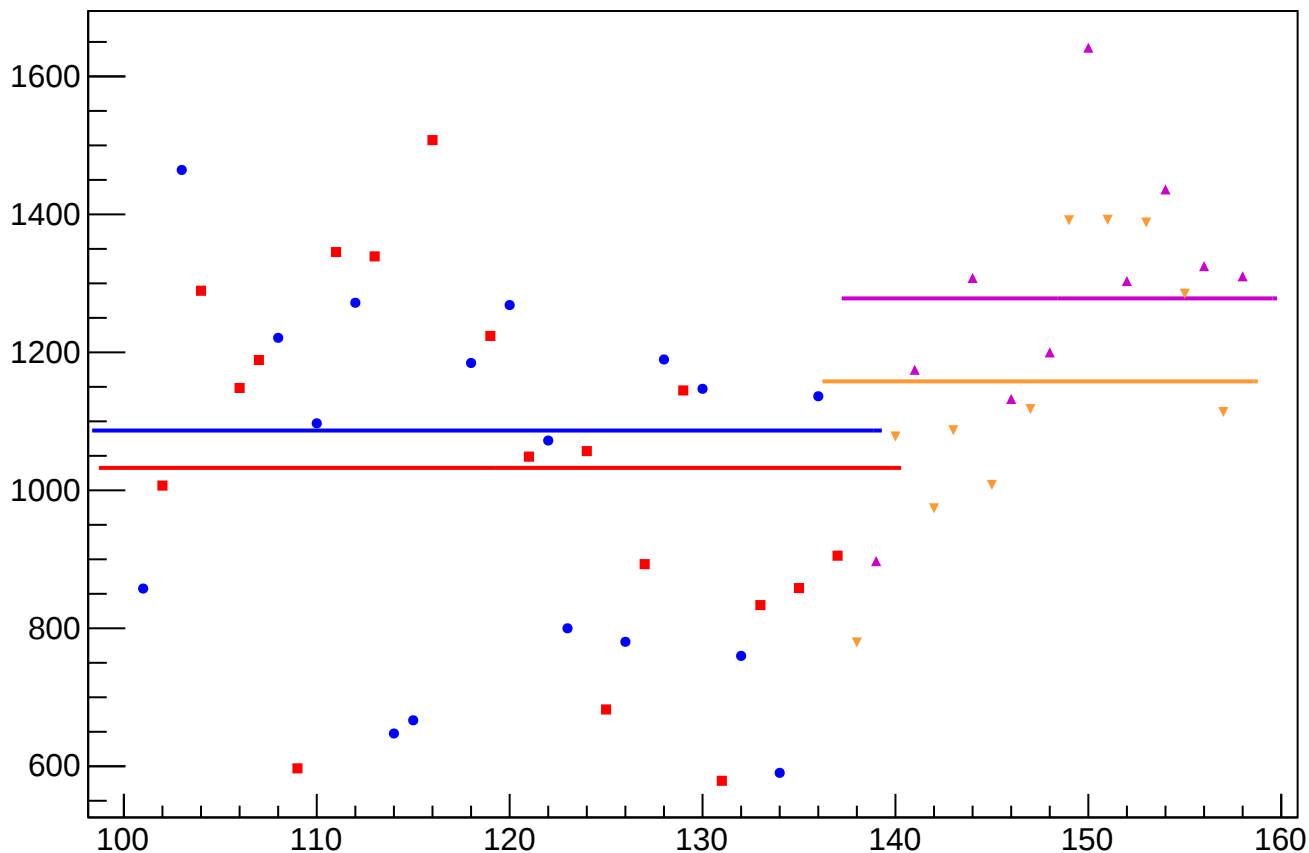
Left In: 747.468+/-0.000 χ^2/NDF : 19678453590245016265772769417149546496.0/9

+ sign 773.251+/-0.000 χ^2/NDF : 425449260426471

All: 782.002+/-0.000 χ^2/NDF : 77600054890

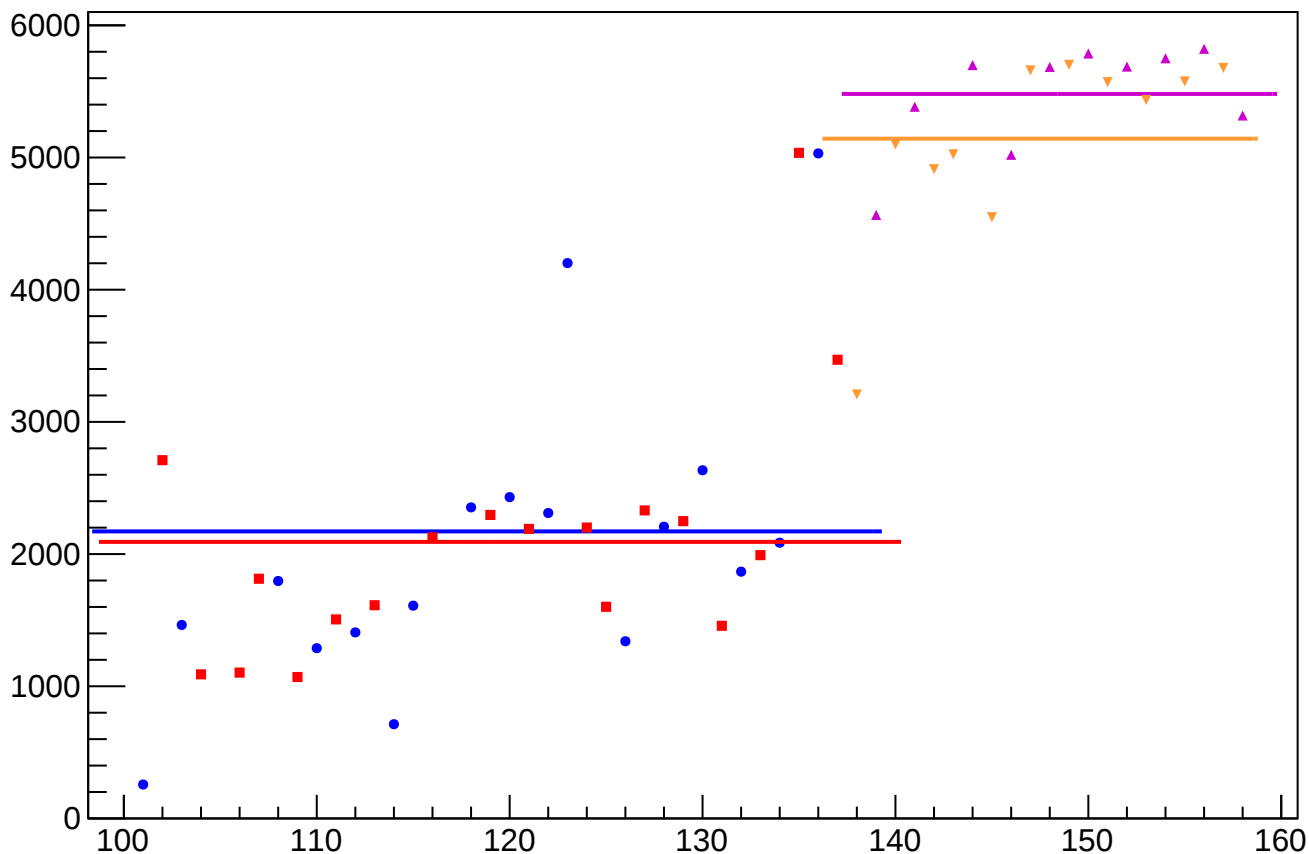
- sign 790.518+/-0.000 χ^2/NDF : 350321158905239

dit_atl2_coil3_Ndata_mean vs Slug



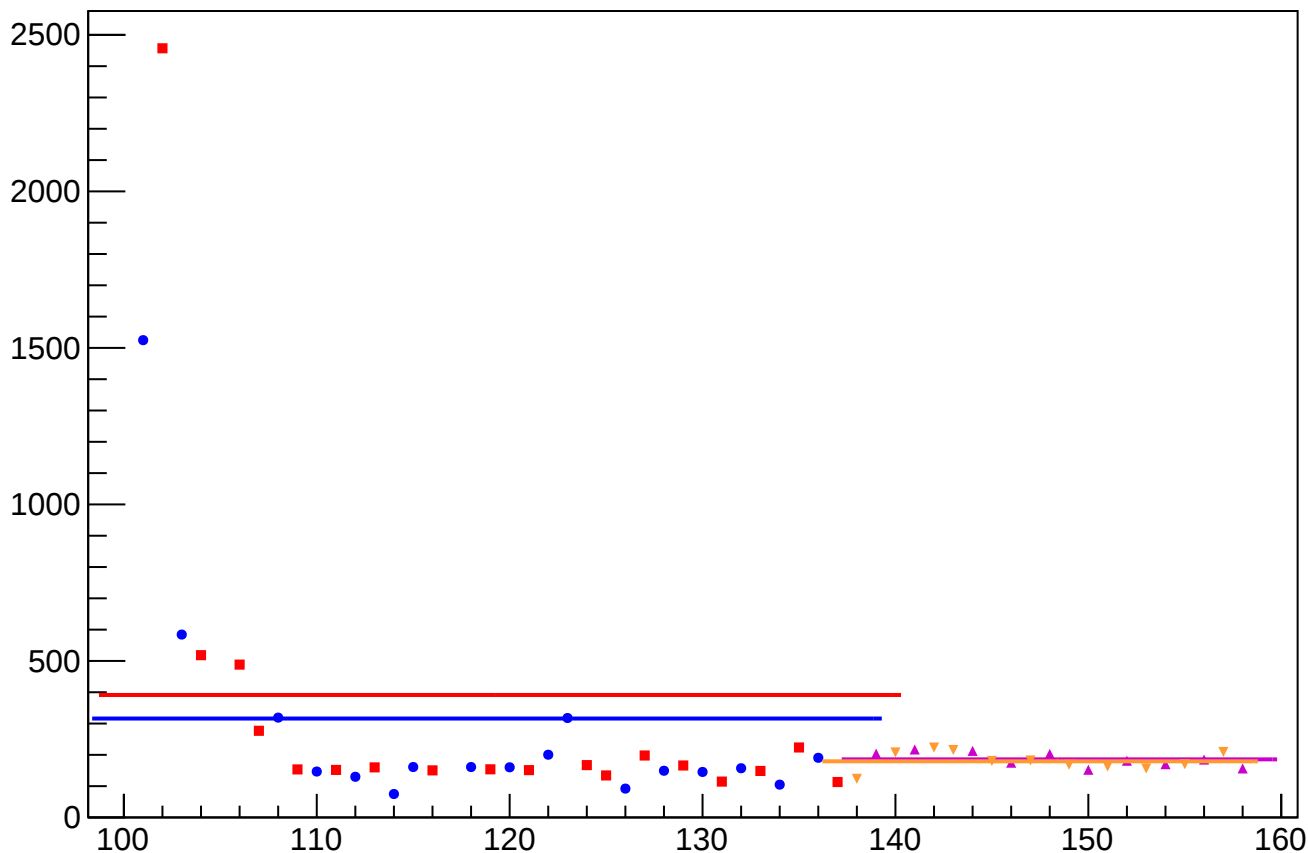
Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	+ sign 1125.462+/-0.000	χ^2/NDF : 66751280610088
Left Out: 1157.917+/-0.000	χ^2/NDF : 30222225806204288922521502555630993408.0/10	All: 1145.995+/-0.000	χ^2/NDF : 16863668190
Right Out: 1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	- sign 1165.976+/-0.000	χ^2/NDF : 10061848008215
Left In: 1278.216+/-0.000	χ^2/NDF : 29565438458869811796359539499848433664.0/9		

dit_atr1_coil3_mean vs Slug



Right In: 2171.584+/-0.000 χ^2/NDF : 1121481436711992505747608002078061887488.0/16
 Left Out: 5142.491+/-0.000 χ^2/NDF : 427651393930278380919330936858341277696.0/10
 Right Out: 2092.361+/-0.000 χ^2/NDF : 667441885377832140265043131761621467136.0/17
 Left In: 5481.005+/-0.000 χ^2/NDF : 124130283573247455743508580770401746944.0/9

dit_atr1_coil3_err_mean vs Slug



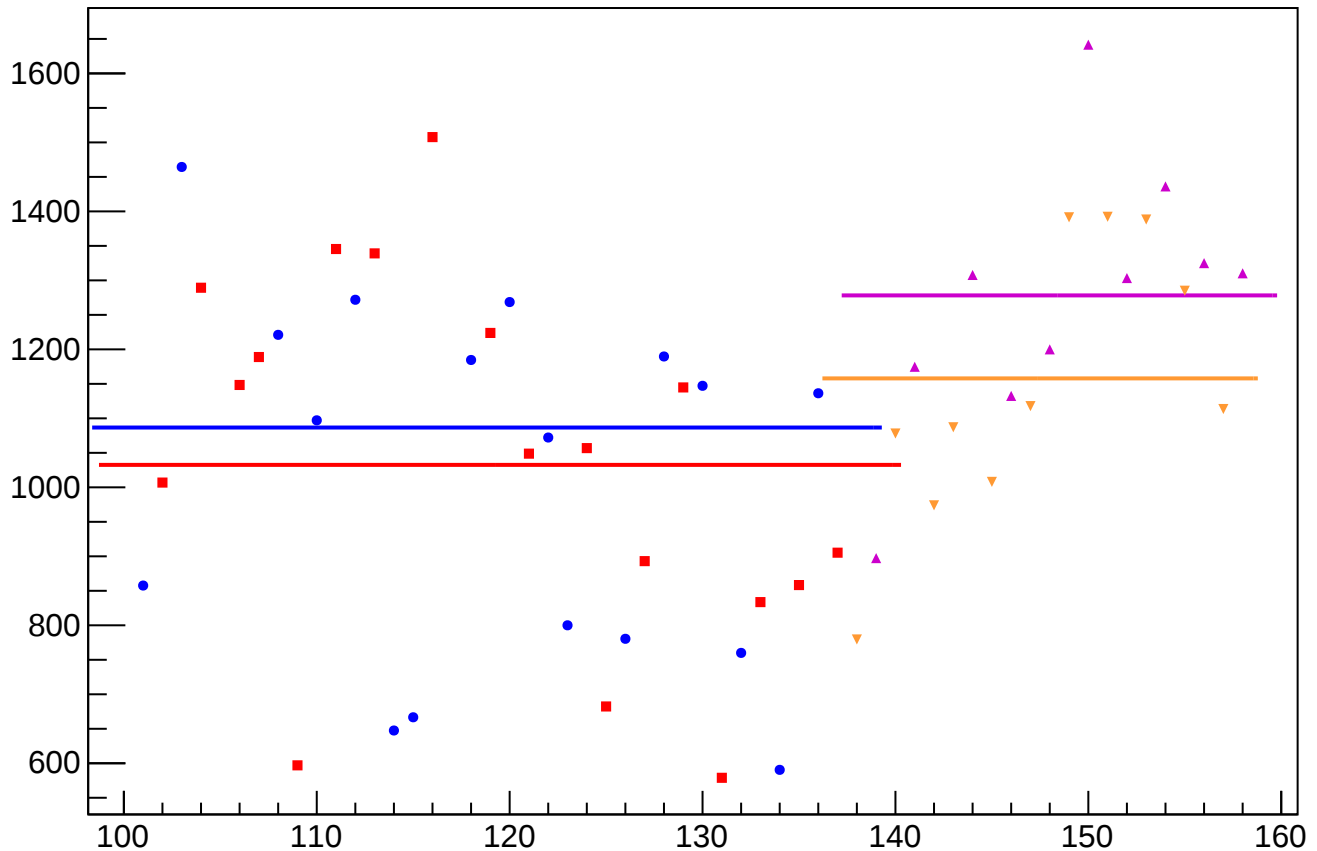
Right In: 315.988 ± 0.000 χ^2/NDF : 105245970043528229052885068868464148480.0/16

Left Out: 179.348 ± 0.000 χ^2/NDF : 636307993831588272819266190802157568.0/10

Right Out: 391.241 ± 0.000 χ^2/NDF : 278615743451952201300141162839823876096.0/17

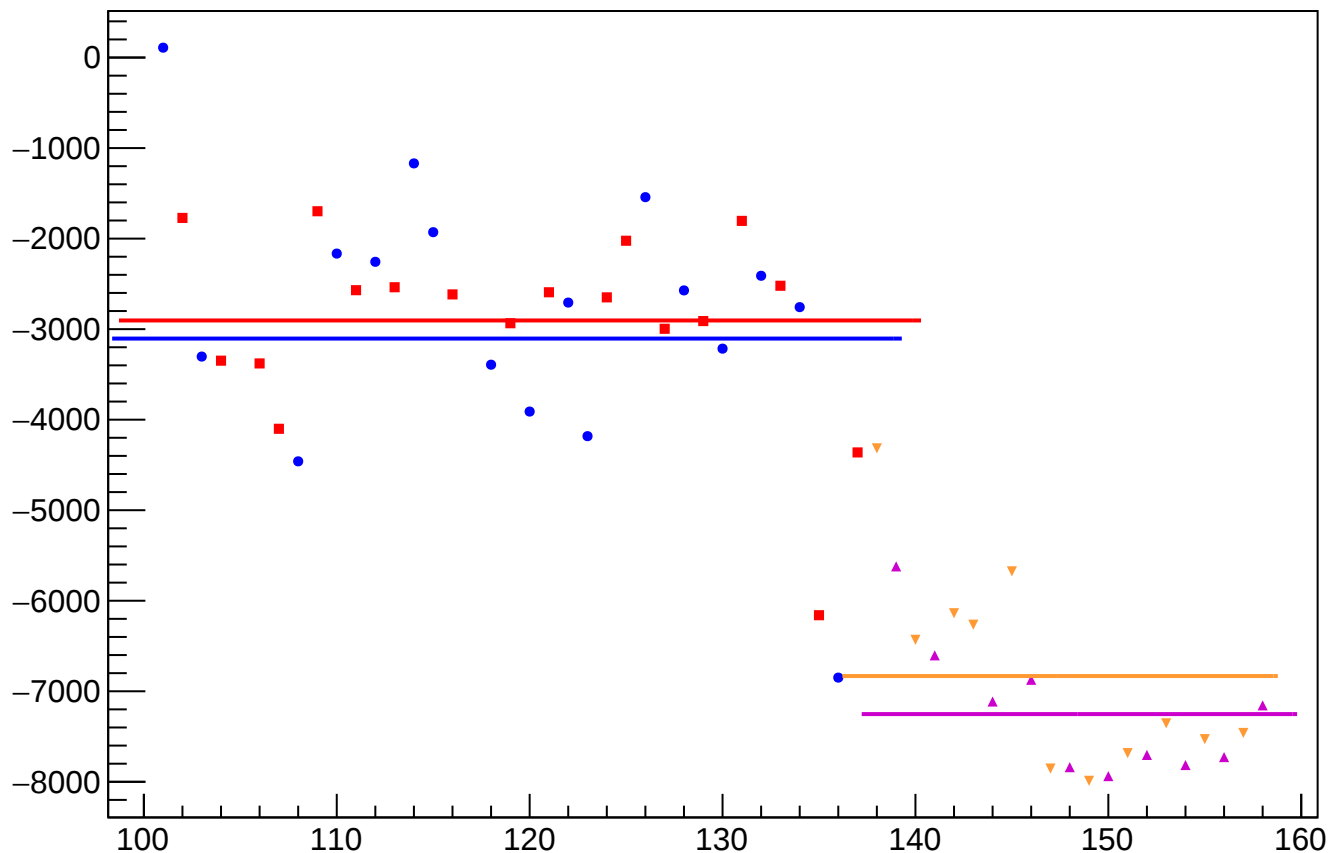
Left In: 185.579 ± 0.000 χ^2/NDF : 402895138611988967463378272496123904.0/9

dit_atr1_coil3_Ndata_mean vs Slug



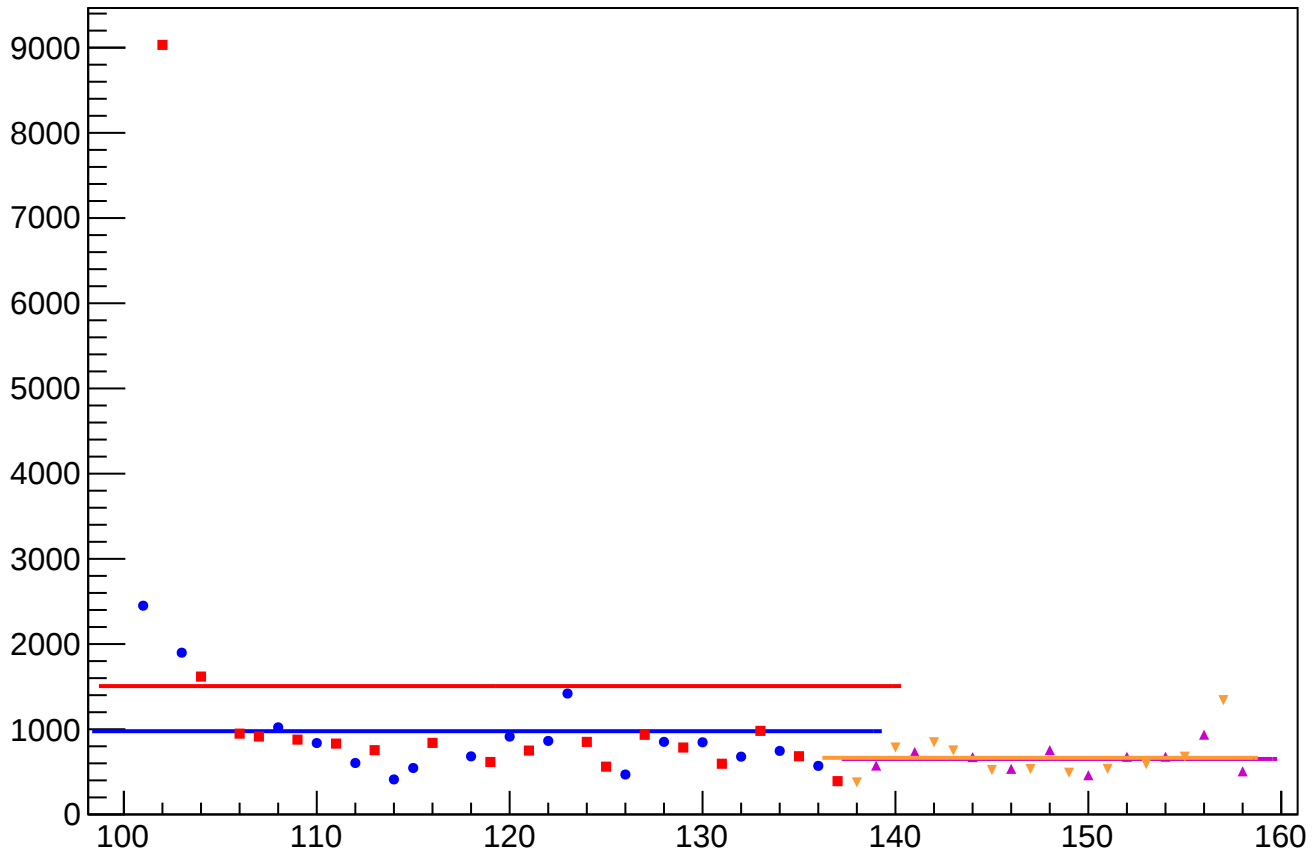
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1157.917+/-0.000 χ^2/NDF : 30222225806204288922521502555630993408.0/10
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_atr2_coil3_mean vs Slug



Right In: -3104.086 ± 0.000 χ^2/NDF : 2219830093322908449503226232551283621888.0/16
 Left Out: -6831.828 ± 0.000 χ^2/NDF : 995683214439670797083356492103535296512.0/10
 Right Out: -2904.095 ± 0.000 χ^2/NDF : 863466592603439885705858083509569060864.0/17
 Left In: -7252.059 ± 0.000 χ^2/NDF : 401360397835096266617759093198059208704.0/9

dit_atr2_coil3_err_mean vs Slug



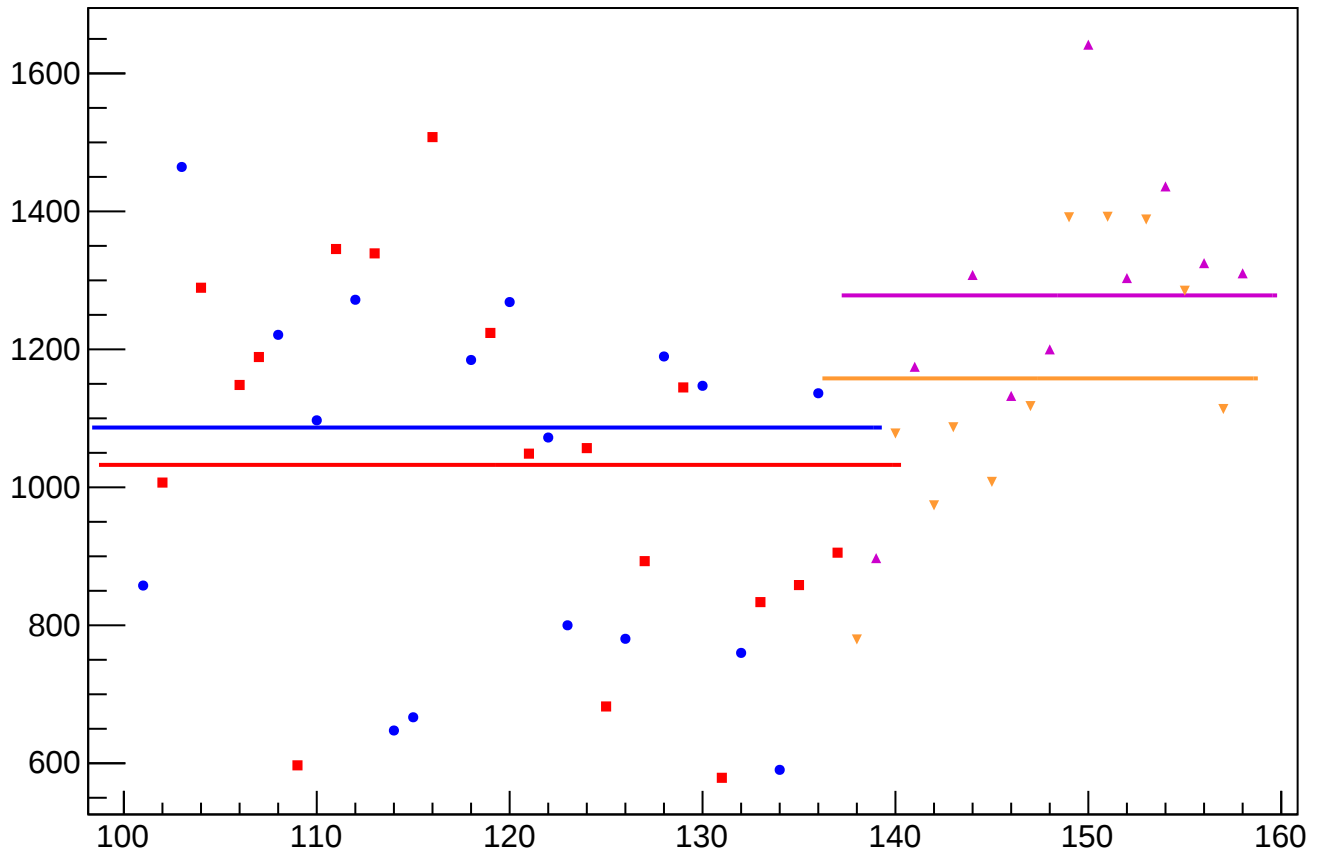
Right In: 977.095+/-0.000 χ^2/NDF : 229572106069348964280530708212477853696.0/16

Left Out: 664.991+/-0.000 χ^2/NDF : 50965560272450437210571487876611047424.0/10

Right Out: 1506.543+/-0.000 χ^2/NDF : 3621204096431683433019783695973291655168.0/17

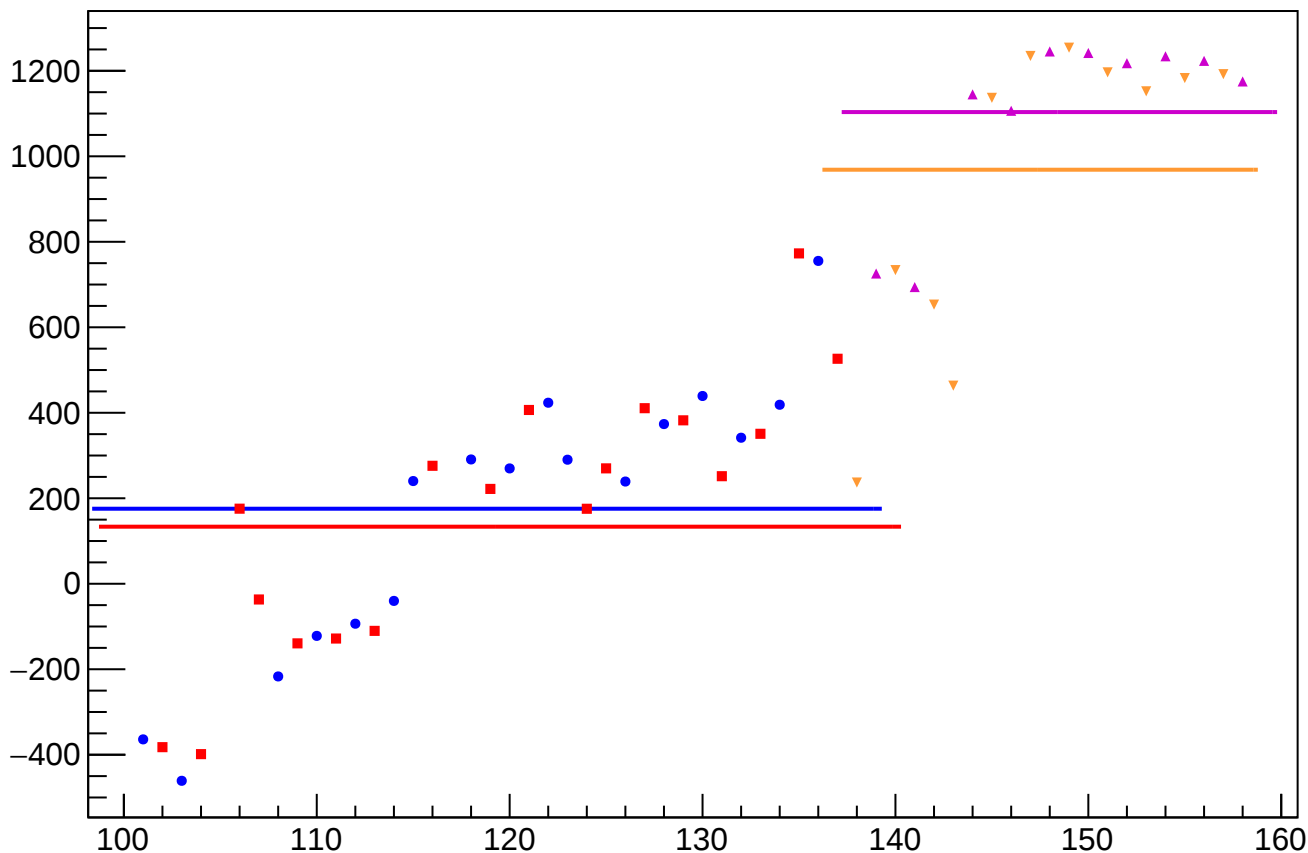
Left In: 651.442+/-0.000 χ^2/NDF : 14771671585341339629427416309927247872.0/9

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1157.917+/-0.000 χ^2/NDF : 30222225806204288922521502555630993408.0/10
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam1_coil3_mean vs Slug



Right In: 175.537+/-0.000 χ^2/NDF : 95726276788203913105887314540463390720.0/16

Left Out: 968.612+/-0.000 χ^2/NDF : 96782486695410591646657252503591059456.0/10

Right Out: 133.524+/-0.000 χ^2/NDF : 76029583873433989388564211432616361984.0/17

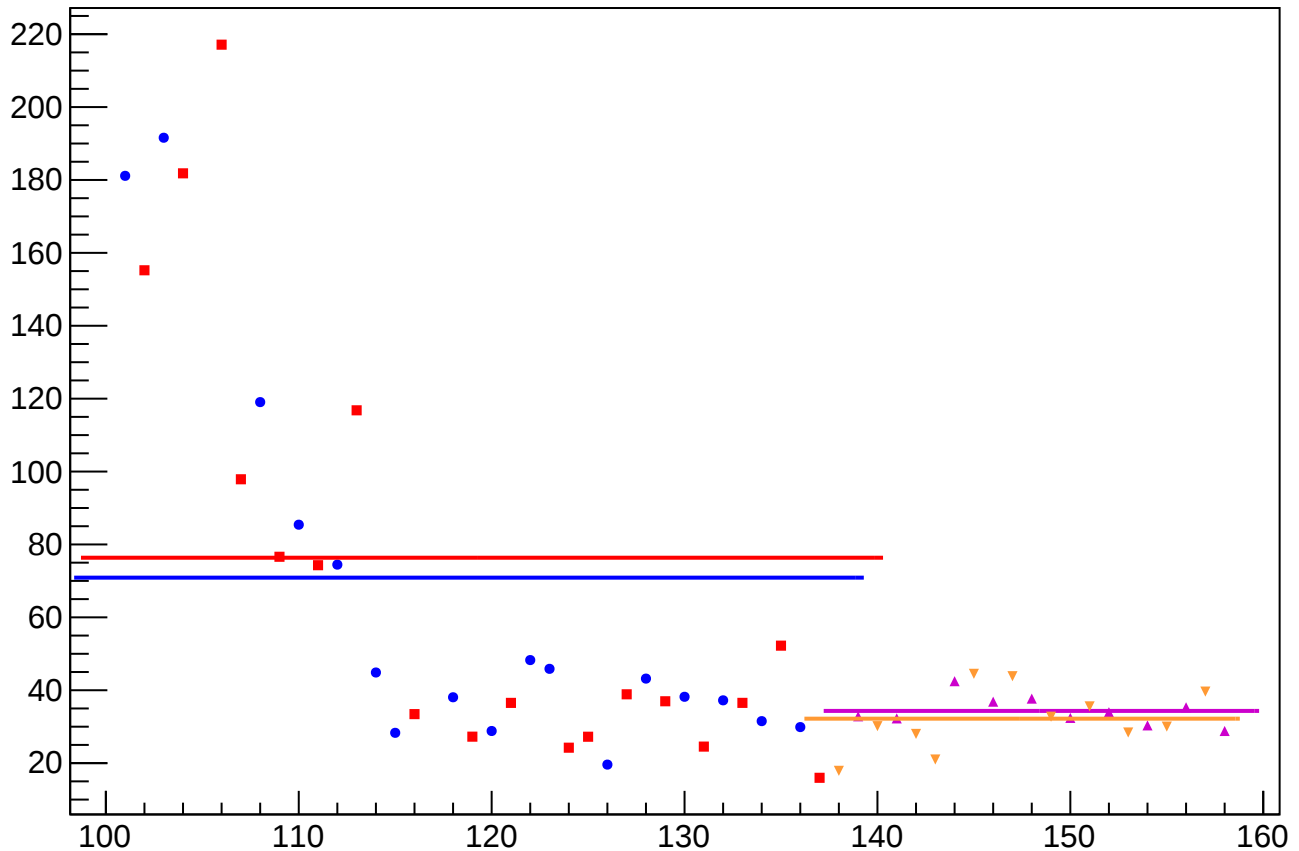
Left In: 1103.483+/-0.000 χ^2/NDF : 33599275607972402542734385986259648512.0/9

All: 634.143+/-0.000 χ^2/NDF : 907270578535

+ sign 607.224+/-0.000 χ^2/NDF : 430106841212606

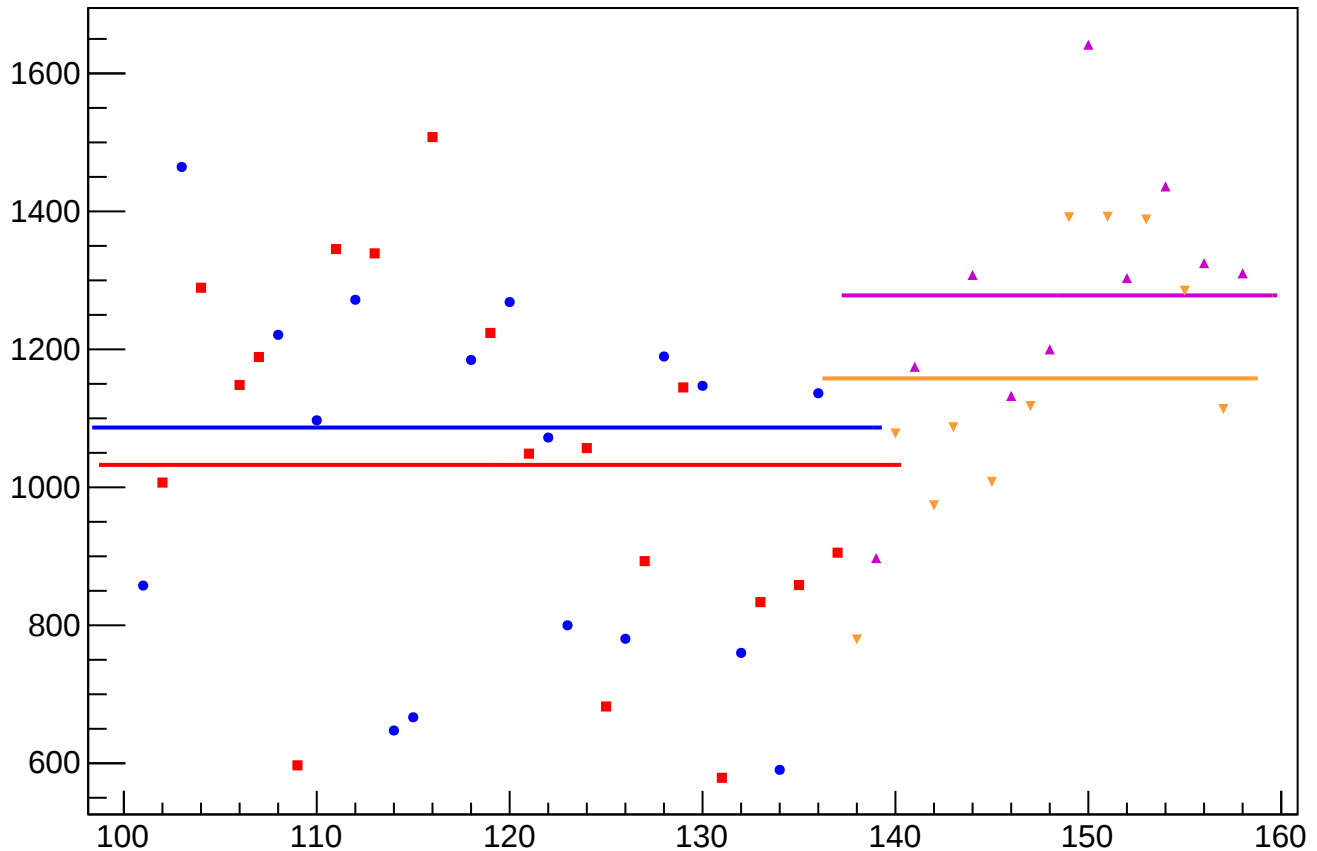
- sign 660.339+/-0.000 χ^2/NDF : 474986211548555

dit_sam1_coil3_err_mean vs Slug



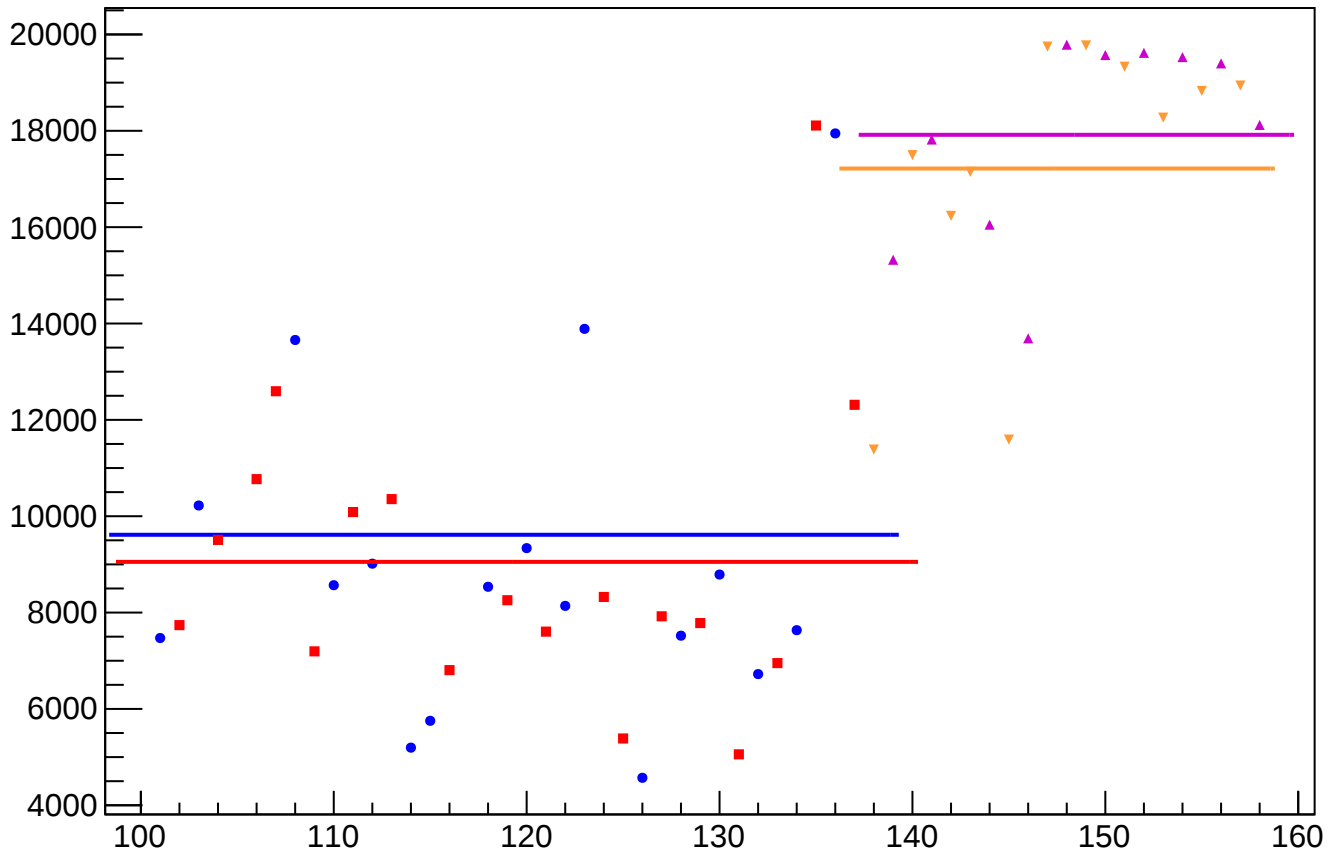
Right In: 70.892+/-0.000	χ^2/NDF : 2275734493854200628376973265629872128.0/16	+ sign 49.832+/-0.000	χ^2/NDF : 2895782289188951
Left Out: 32.200+/-0.000	χ^2/NDF : 54512972704365869911855447444291584.0/10	All: 51.706+/-0.000	χ^2/NDF : 5987010800110
Right Out: 76.360+/-0.000	χ^2/NDF : 2382375226603203691068269213188620288.0/17	- sign 53.531+/-0.000	χ^2/NDF : 3080665076280203
Left In: 34.328+/-0.000	χ^2/NDF : 12229872118164957761481771189272576.0/9		

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	+ sign 1125.462+/-0.000	χ^2/NDF : 66751280610088
Left Out: 1157.917+/-0.000	χ^2/NDF : 30222225806204288922521502555630993408.0/10	All: 1145.995+/-0.000	χ^2/NDF : 16863668190
Right Out: 1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	- sign 1165.976+/-0.000	χ^2/NDF : 10061848008215
Left In: 1278.216+/-0.000	χ^2/NDF : 29565438458869811796359539499848433664.0/9		

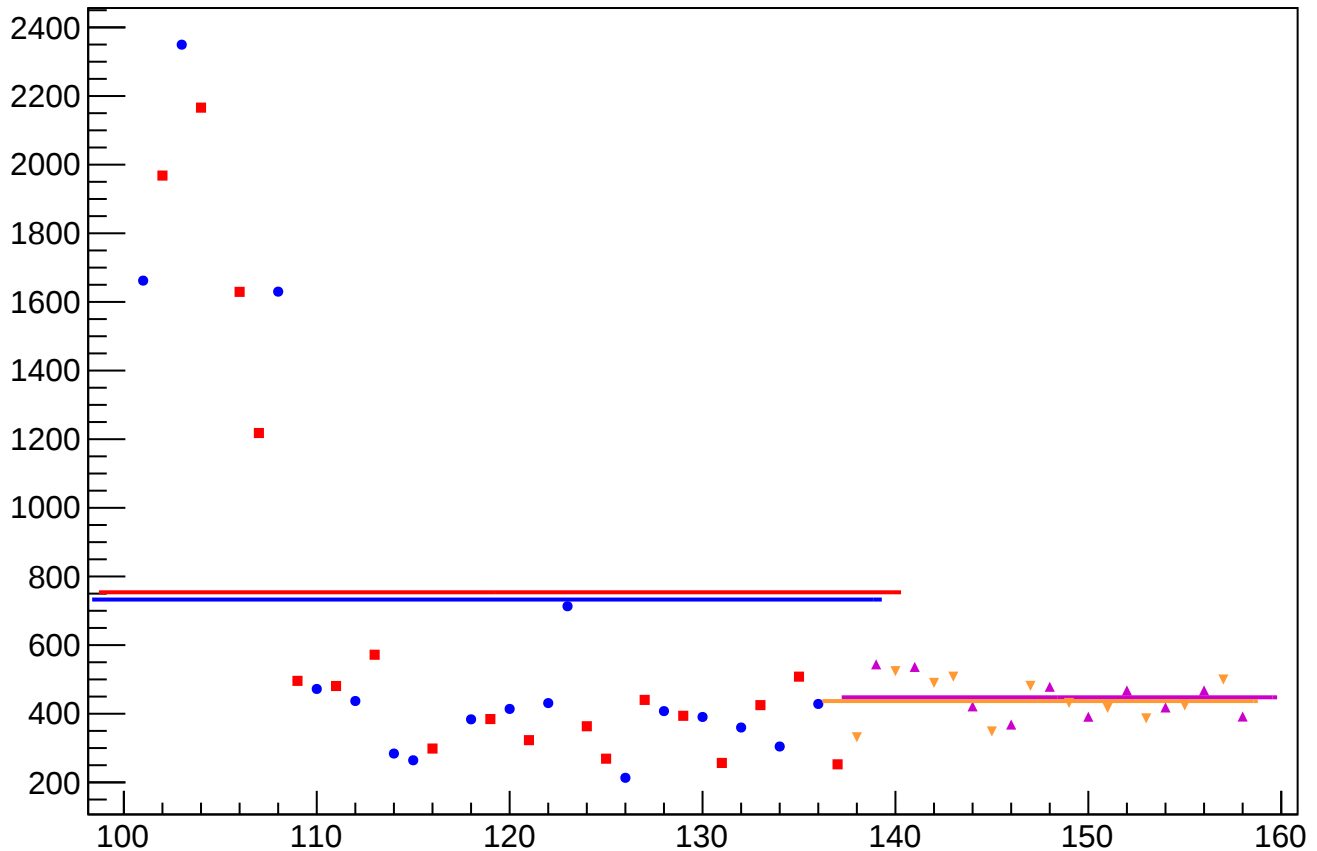
dit_sam2_coil3_mean vs Slug



Right In: 9614.932+/-0.000	χ^2/NDF : 9450588438014082769578324832201526476800.0/16
Left Out: 17217.235+/-0.000	χ^2/NDF : 7089469504938356997676081372450437201920.0/10
Right Out: 9052.441+/-0.000	χ^2/NDF : 6723672544856808135538254172135519944704.0/17
Left In: 17916.868+/-0.000	χ^2/NDF : 3542569553880442009860907595451366113280.0/9

+ sign 13753.021+/-0.000 χ^2/NDF : 3837260281535
 All: 13810.779+/-0.000 χ^2/NDF : 7916377096
 - sign 13866.986+/-0.000 χ^2/NDF : 4078114319159

dit_sam2_coil3_err_mean vs Slug



Right In: 732.742 $\pm$ 0.000 χ^2/NDF : 301740459340268060292037793871684435968.0/16

Left Out: 436.914 $\pm$ 0.000 χ^2/NDF : 3276881471570644737497892681425092608.0/10

Right Out: 753.888 $\pm$ 0.000 χ^2/NDF : 288199108578840040054796930815893700608.0/17

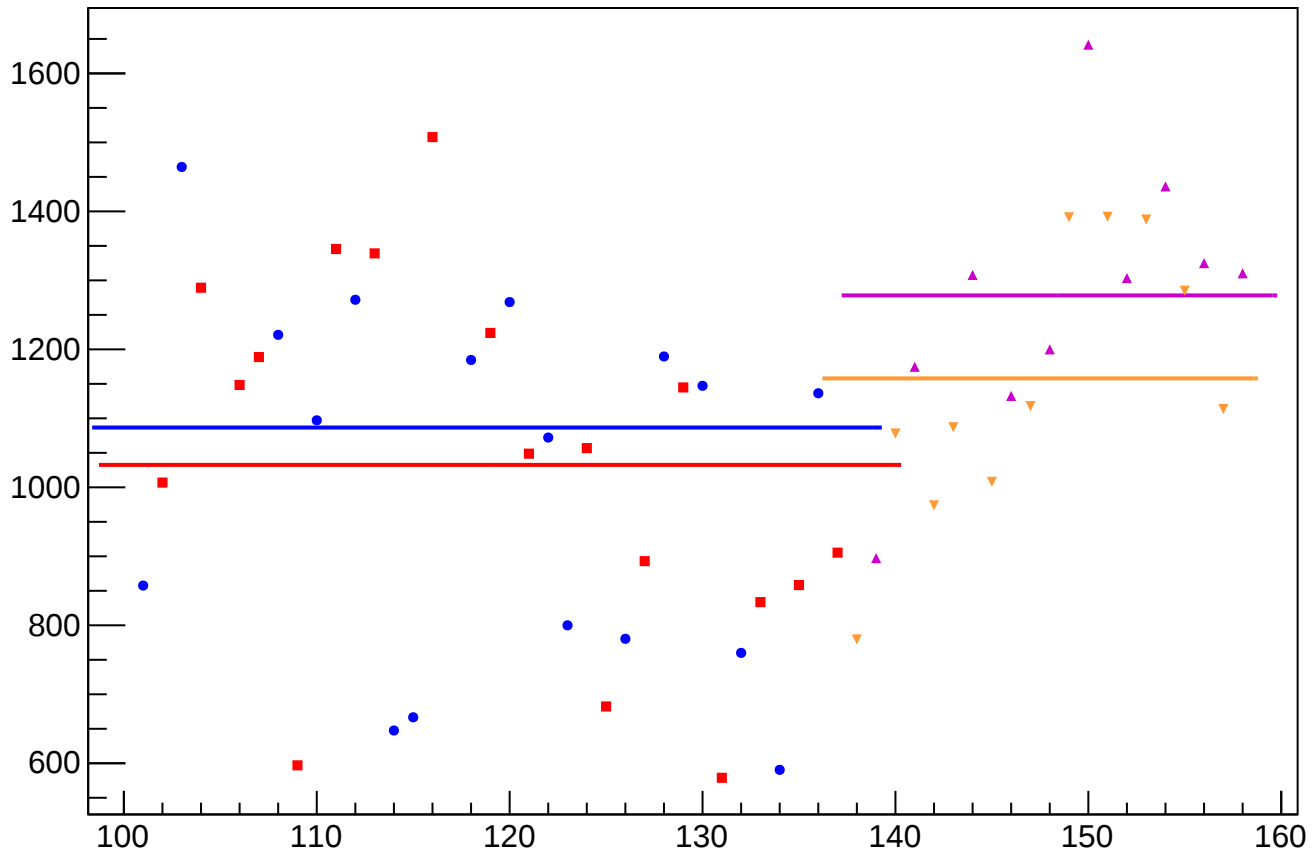
Left In: 447.860 $\pm$ 0.000 χ^2/NDF : 2767882431849845811345200440881971200.0/9

+ sign 571.717 $\pm$ 0.000 χ^2/NDF : 338076503586359

All: 579.804 $\pm$ 0.000 χ^2/NDF : 665609167737

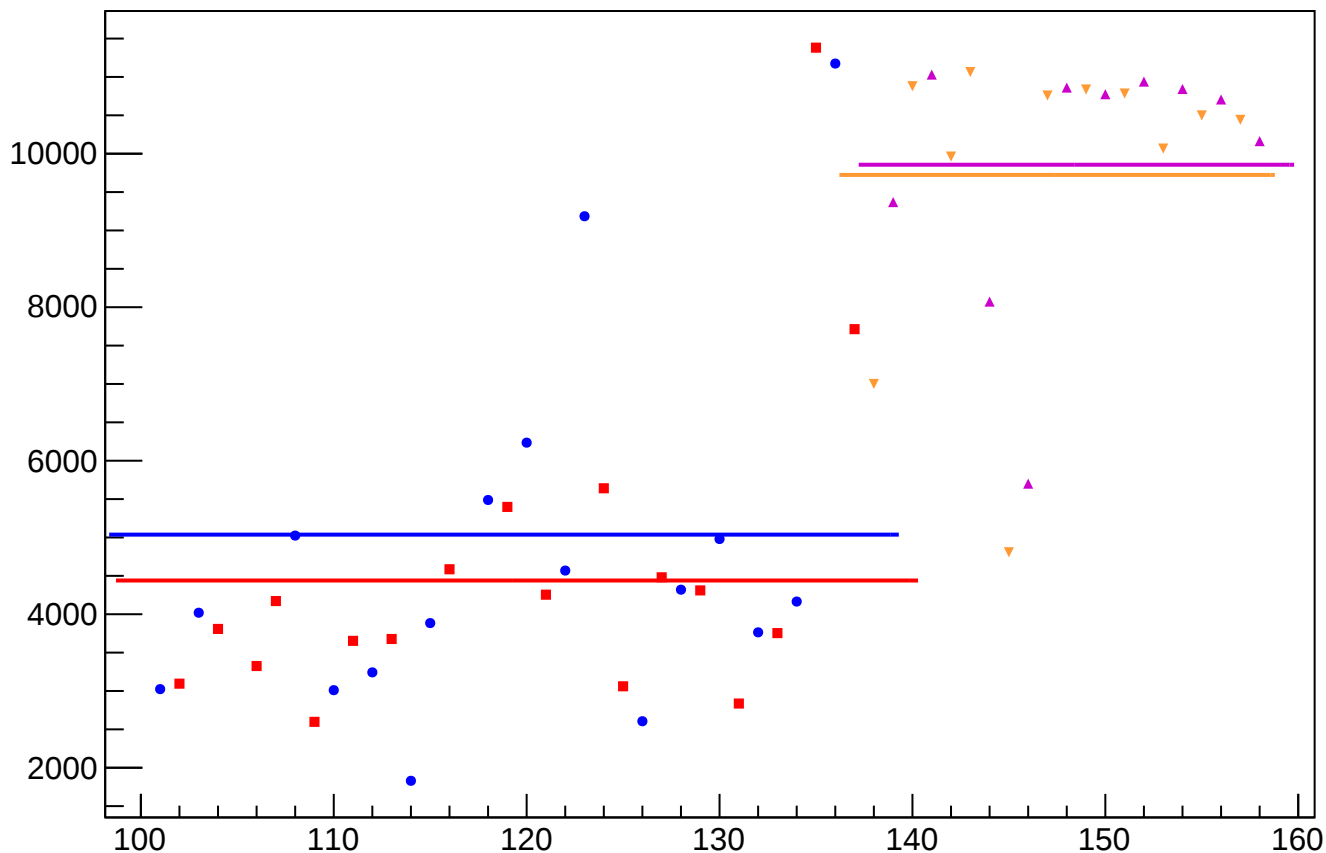
- sign 587.675 $\pm$ 0.000 χ^2/NDF : 327336102797490

dit_sam2_coil3_Ndata_mean vs Slug



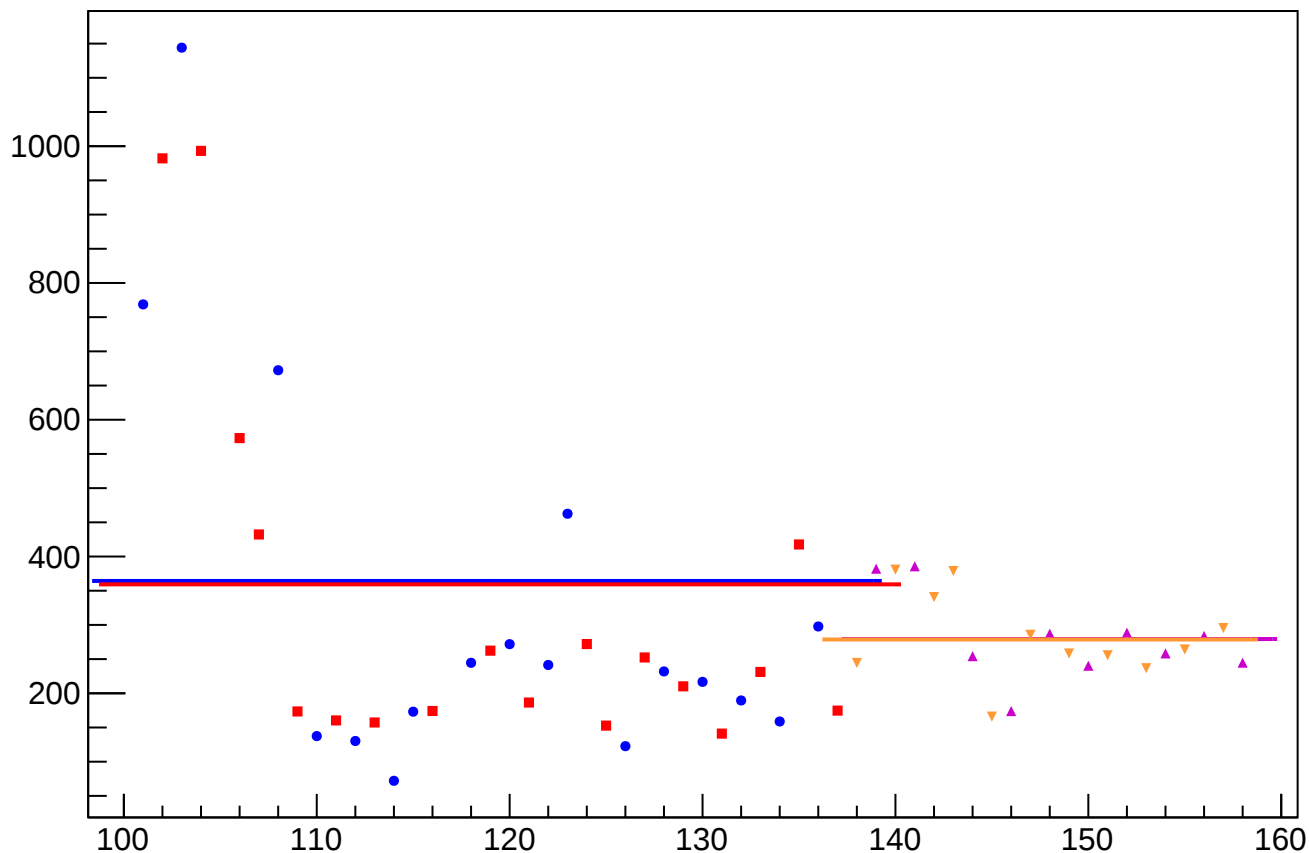
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1157.917+/-0.000 χ^2/NDF : 30222225806204288922521502555630993408.0/10
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam3_coil3_mean vs Slug



Right In: 5037.073 ± 0.000 $\chi^2/NDF: 4548828903802726251449084375770641465344.0/16$
 Left Out: 9723.438 ± 0.000 $\chi^2/NDF: 3066746164486506363175273162085691817984.0/10$
 Right Out: 4439.378 ± 0.000 $\chi^2/NDF: 3162947435976288372848793793706623762432.0/17$
 Left In: 9856.187 ± 0.000 $\chi^2/NDF: 2268394839087697483955326794585060933632.0/9$

dit_sam3_coil3_err_mean vs Slug



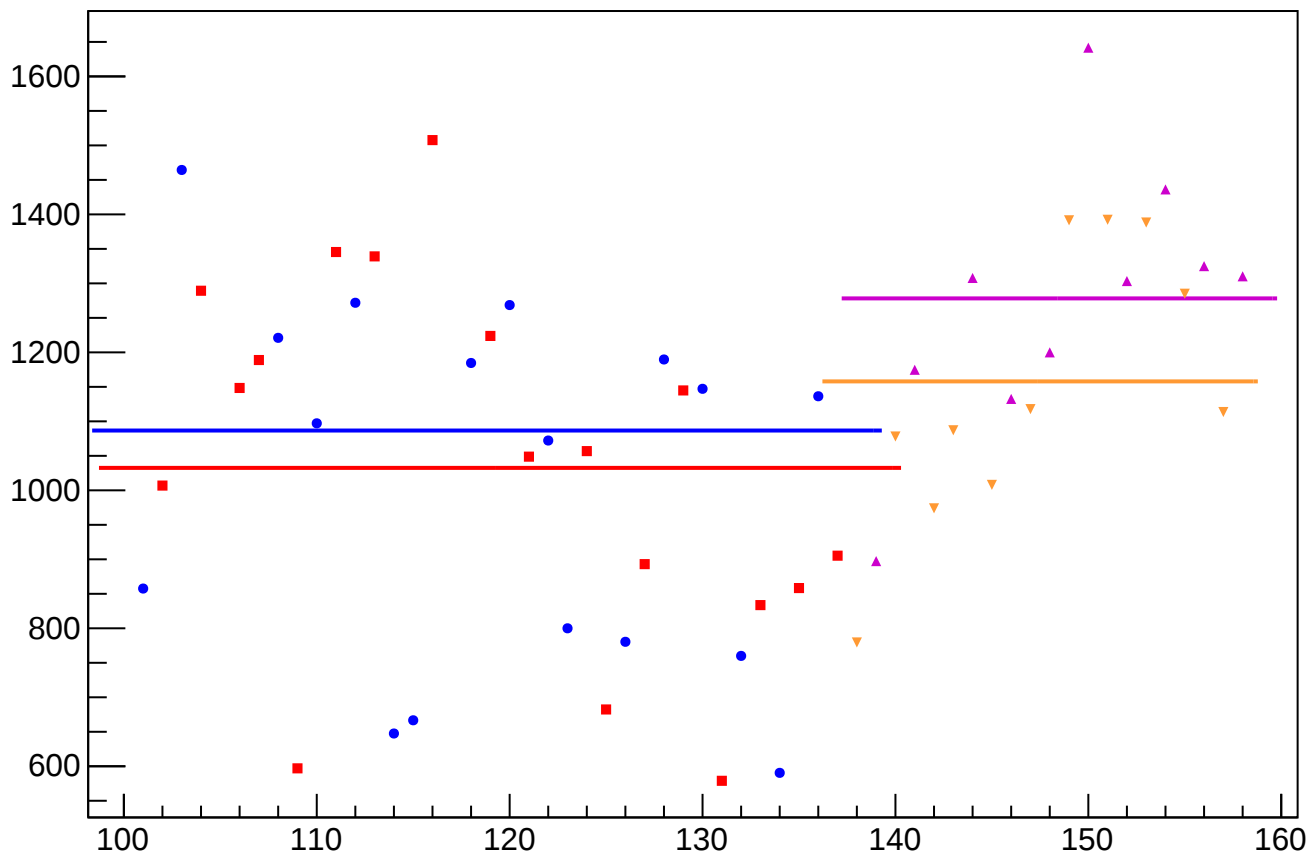
Right In: 364.277+/-0.000 χ^2/NDF : 63824164232416453329464402315619336192.0/16

Left Out: 278.690+/-0.000 χ^2/NDF : 3054519336658982046653343861825339392.0/10

Right Out: 359.283+/-0.000 χ^2/NDF : 58838911094170702852650084457083043840.0/17

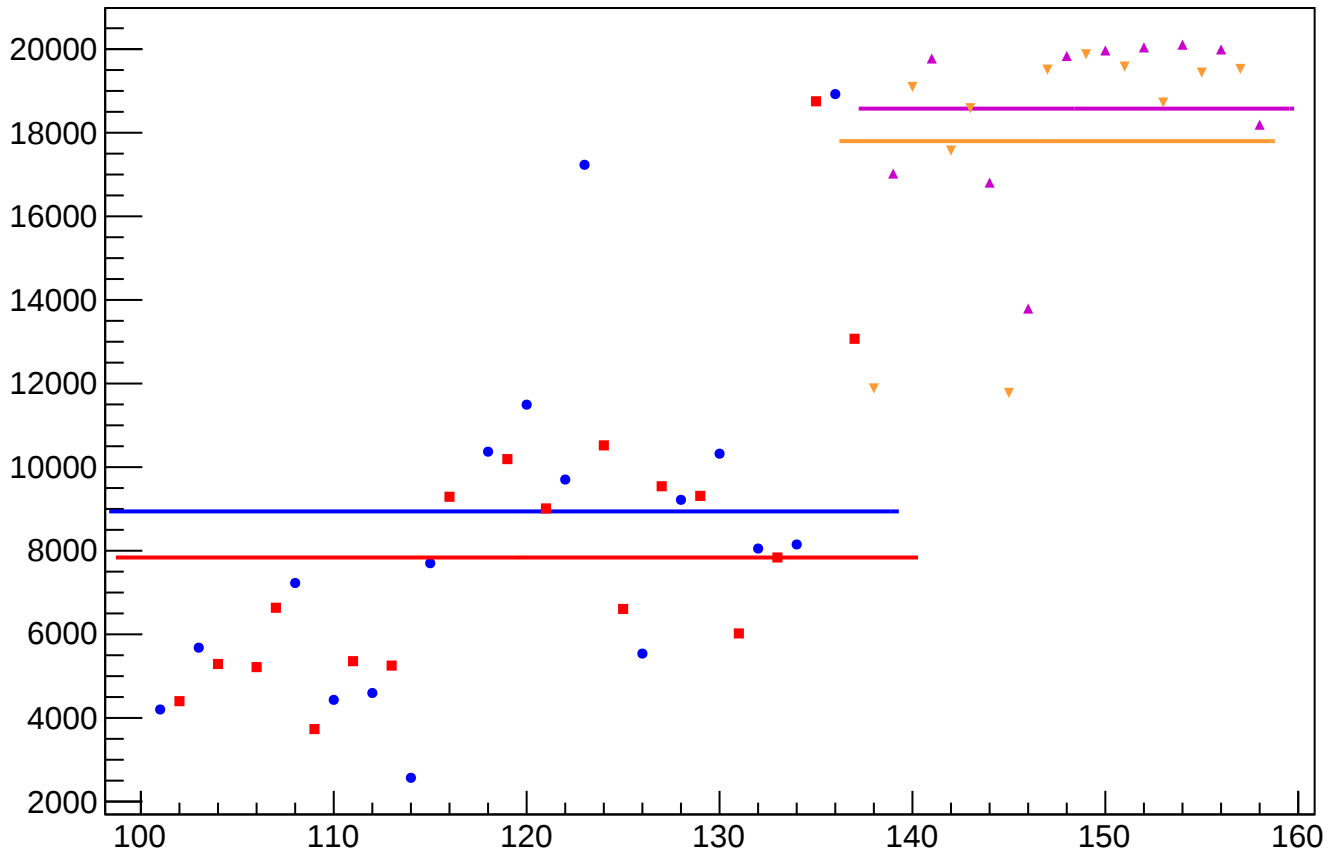
Left In: 279.374+/-0.000 χ^2/NDF : 3084442335055144871901645476192059392.0/9

dit_sam3_coil3_Ndata_mean vs Slug



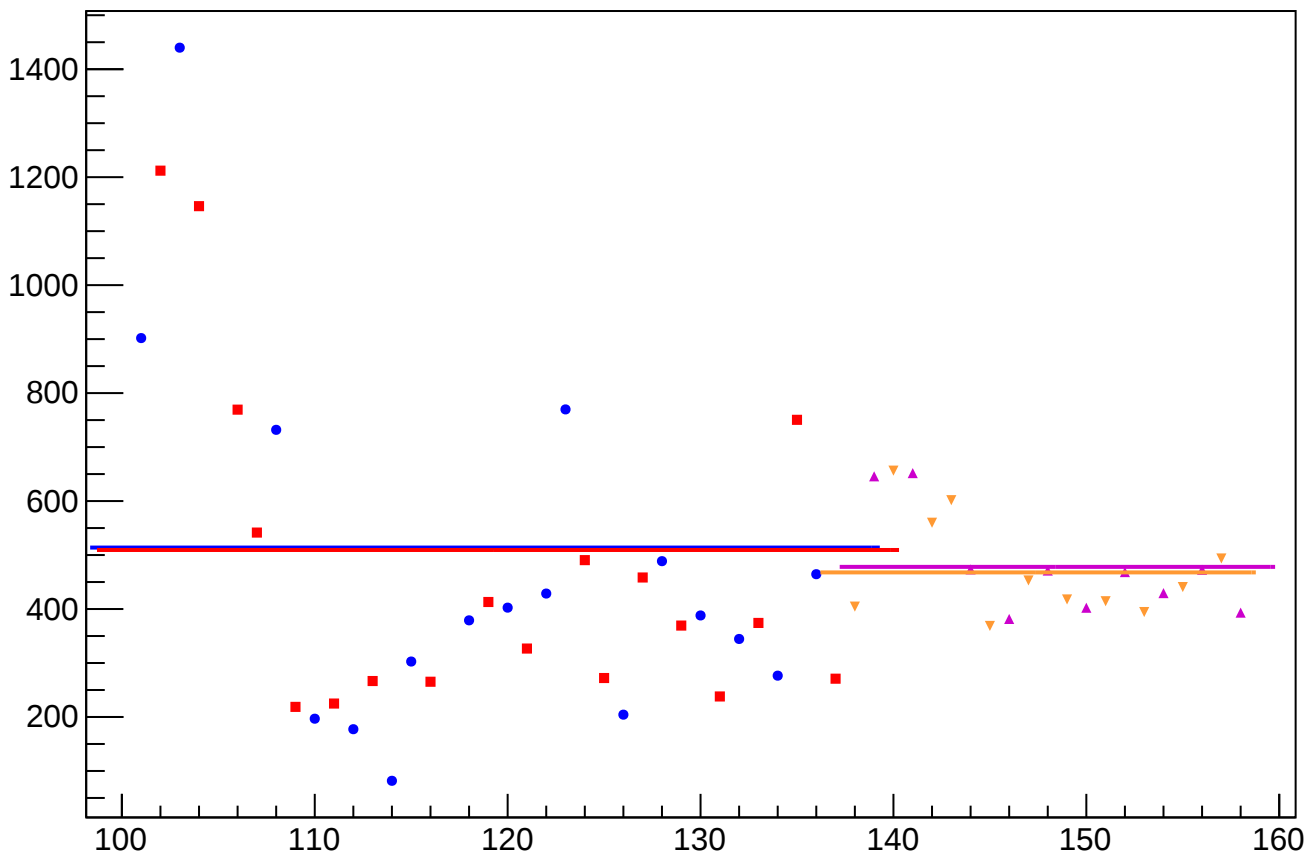
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1157.917+/-0.000 χ^2/NDF : 30222225806204288922521502555630993408.0/10
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1278.216+/-0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam4_coil3_mean vs Slug



Right In: 8940.709+/-0.000 χ^2/NDF : 14252298982323079680975069701388839682048.0/16
 Left Out: 17799.200+/-0.000 χ^2/NDF : 7084296808240143820053668537707807113216.0/10
 Right Out: 7838.226+/-0.000 χ^2/NDF : 9846913896882704140251290027429415878656.0/17
 Left In: 18576.687+/-0.000 χ^2/NDF : 3371718062108191795711931807634265473024.0/9

dit_sam4_coil3_err_mean vs Slug



Right In: 513.843+/-0.000 χ^2/NDF : 82523650579604289792107532326249955328.0/16

Left Out: 467.827+/-0.000 χ^2/NDF : 6596761500028980943275839769939017728.0/10

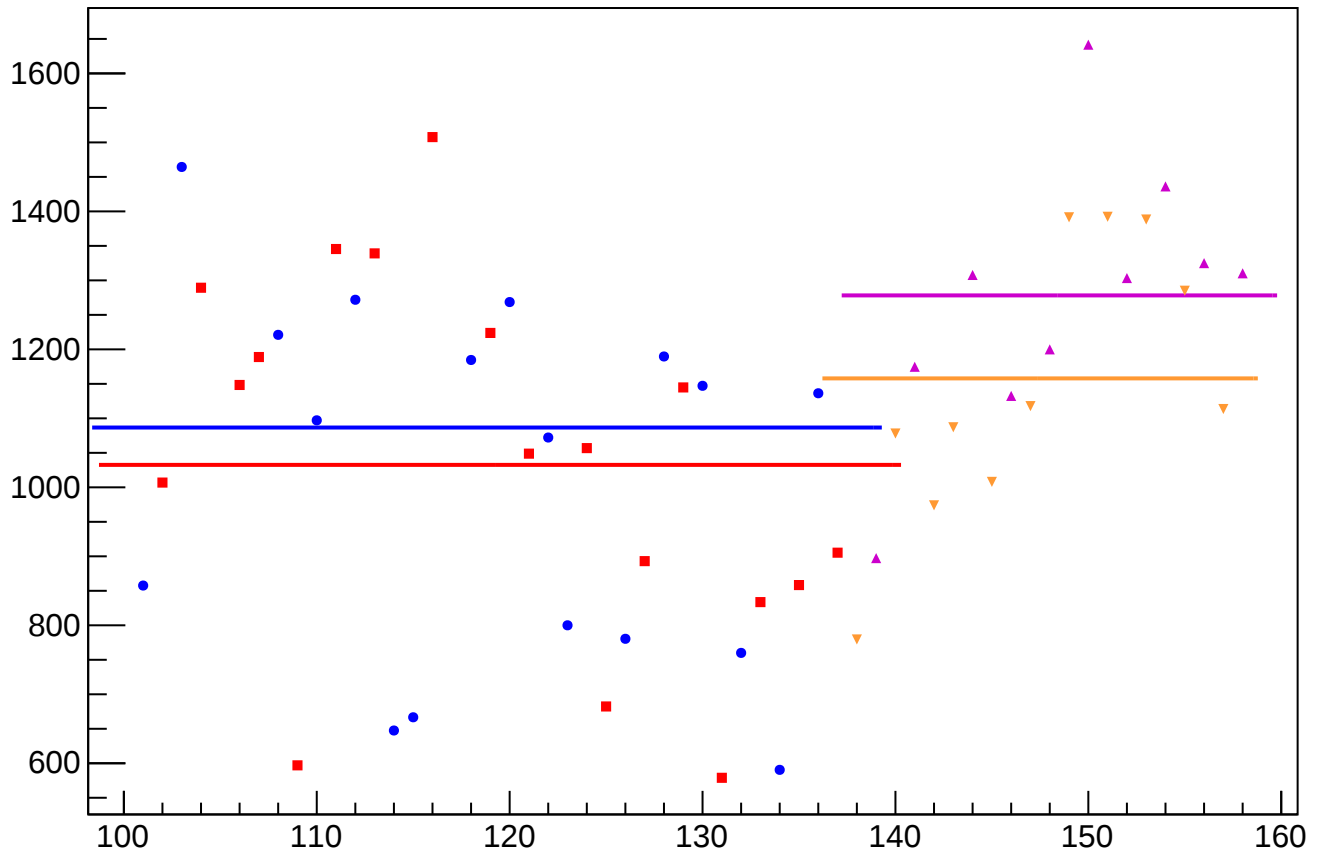
Right Out: 509.362+/-0.000 χ^2/NDF : 75678926781858707627162203023281750016.0/17

Left In: 478.090+/-0.000 χ^2/NDF : 6944987605644268164529101099944116224.0/9

All: 490.611+/-0.000 χ^2/NDF : 172933881730

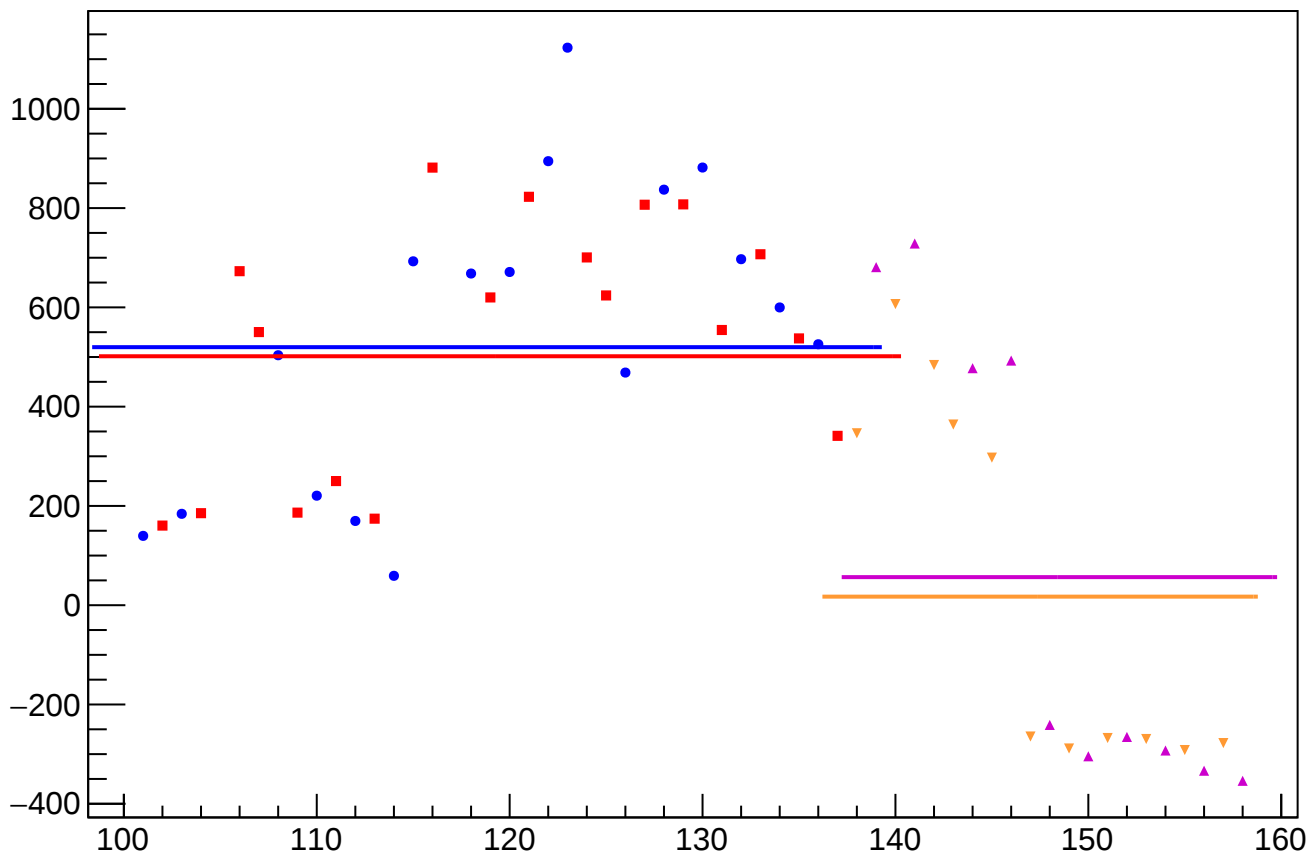
- sign 492.377+/-0.000 χ^2/NDF : 830036891688762

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1086.695 +/- 0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1157.917 +/- 0.000 χ^2/NDF : 30222225806204288922521502555630993408.0/10
 Right Out: 1032.544 +/- 0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1278.216 +/- 0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam5_coil3_mean vs Slug



Right In: 519.845 $\pm$ 0.000 χ^2 /NDF: 50391712122122241983004017290687545344.0/16

+ sign 246.283 $\pm$ 0.000 χ^2 /NDF: 248300390669217

Left Out: 17.269 $\pm$ 0.000 χ^2 /NDF: 102493402147683368781141621538836971520.0/10

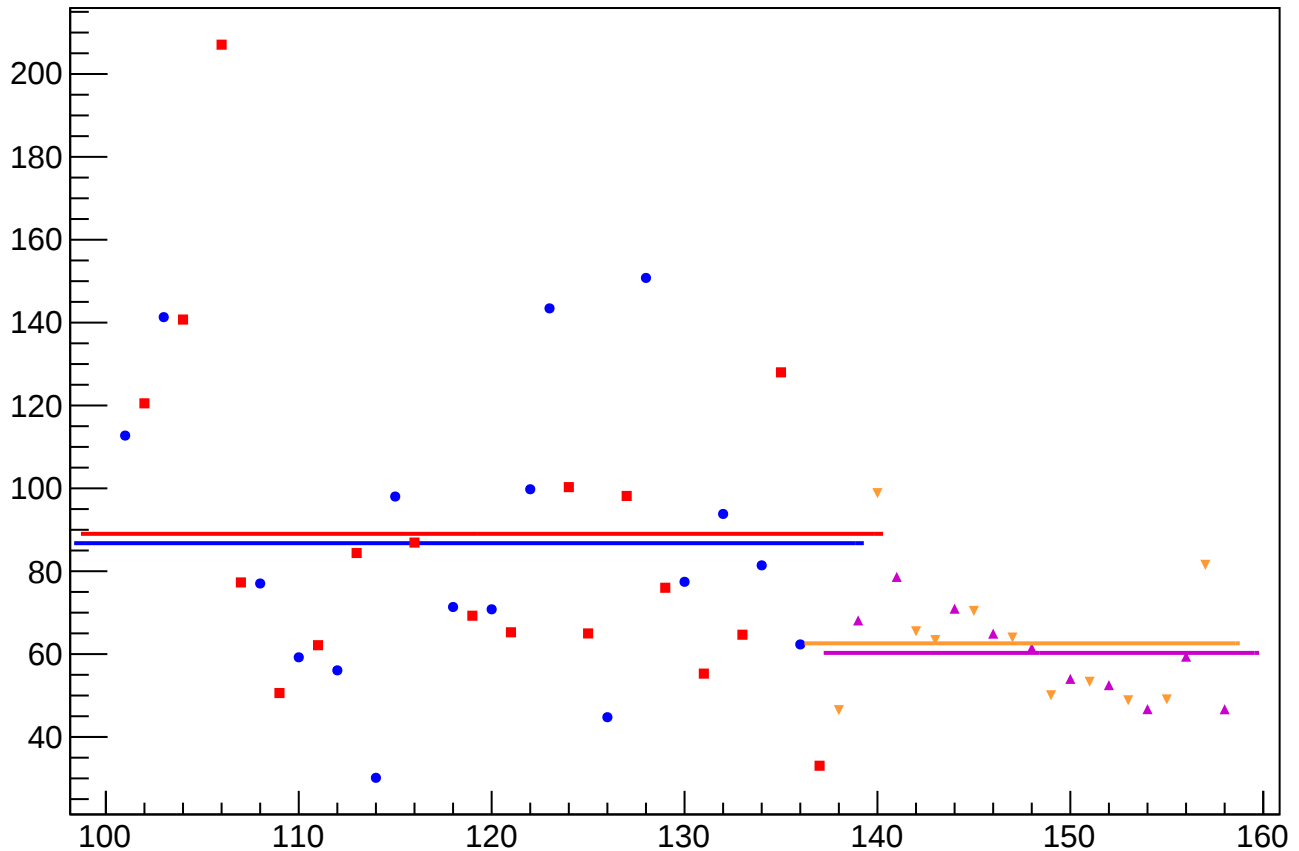
All: 253.163 $\pm$ 0.000 χ^2 /NDF: 53744275036

Right Out: 501.527 $\pm$ 0.000 χ^2 /NDF: 45593938816418547057443342639695921152.0/17

- sign 259.858 $\pm$ 0.000 χ^2 /NDF: 289000110560903

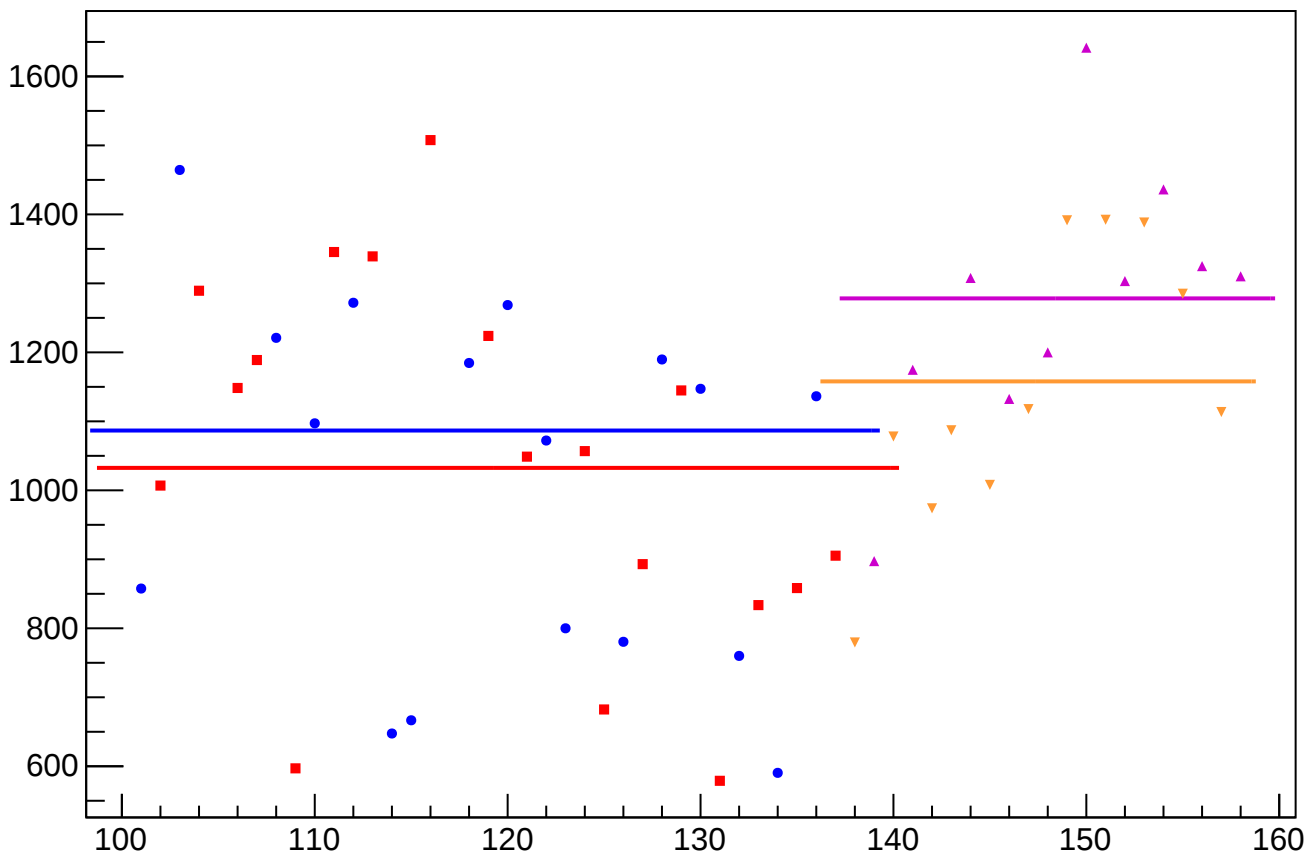
Left In: 56.573 $\pm$ 0.000 χ^2 /NDF: 166521342940393875880893480762968375296.0/9

dit_sam5_coil3_err_mean vs Slug



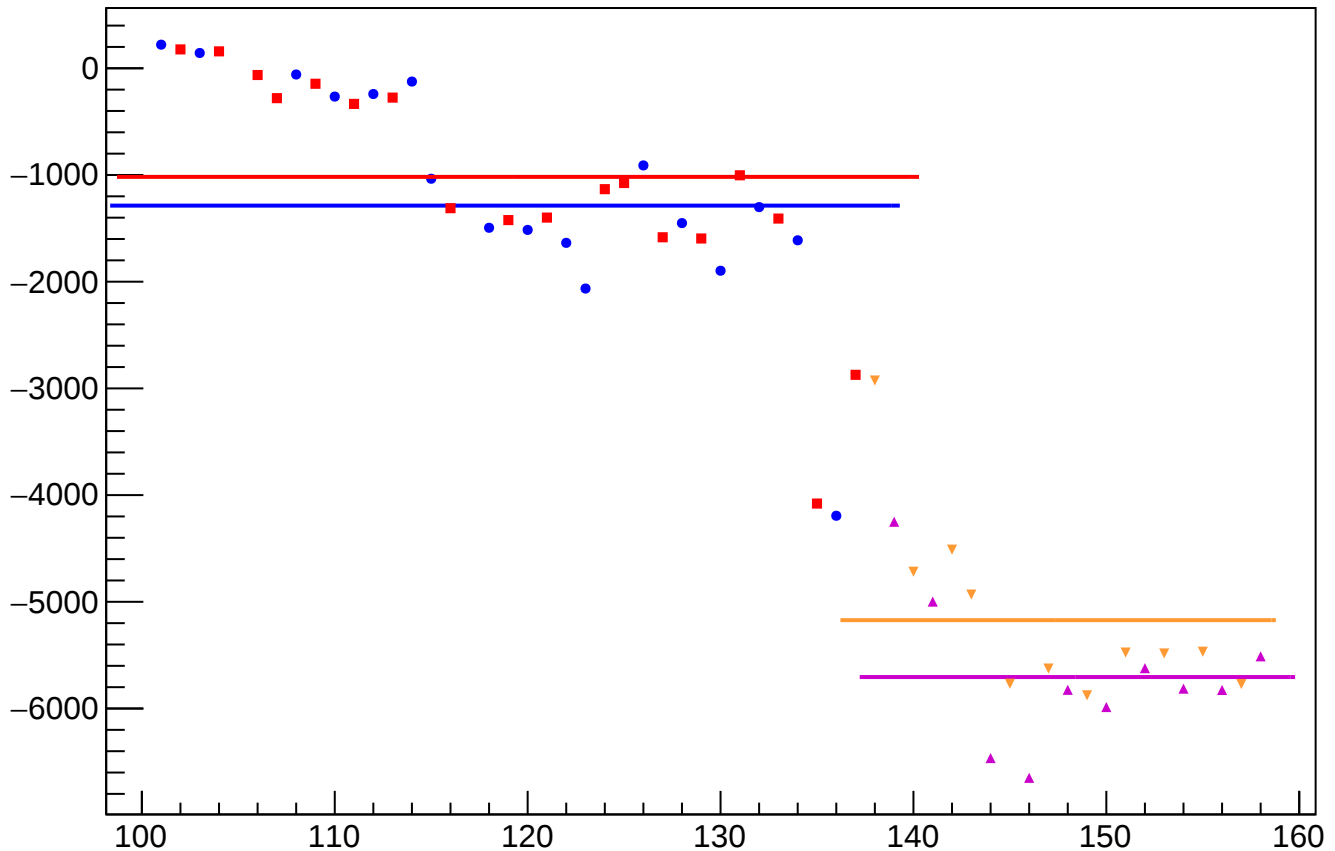
Right In: 86.768+/-0.000	χ^2/NDF : 727044528904958232730586242846031872.0/16	+ sign 73.611+/-0.000	χ^2/NDF : 1158224459149200
Left Out: 62.597+/-0.000	χ^2/NDF : 210476227311399131182662107466301440.0/10	All: 73.514+/-0.000	χ^2/NDF : 2579577427960
Right Out: 89.028+/-0.000	χ^2/NDF : 1014702057025769592460755223634247680.0/17	- sign 73.419+/-0.000	χ^2/NDF : 1421324543153354
Left In: 60.289+/-0.000	χ^2/NDF : 85882791491864622390520523287166976.0/9		

dit_sam5_coil3_Ndata_mean vs Slug



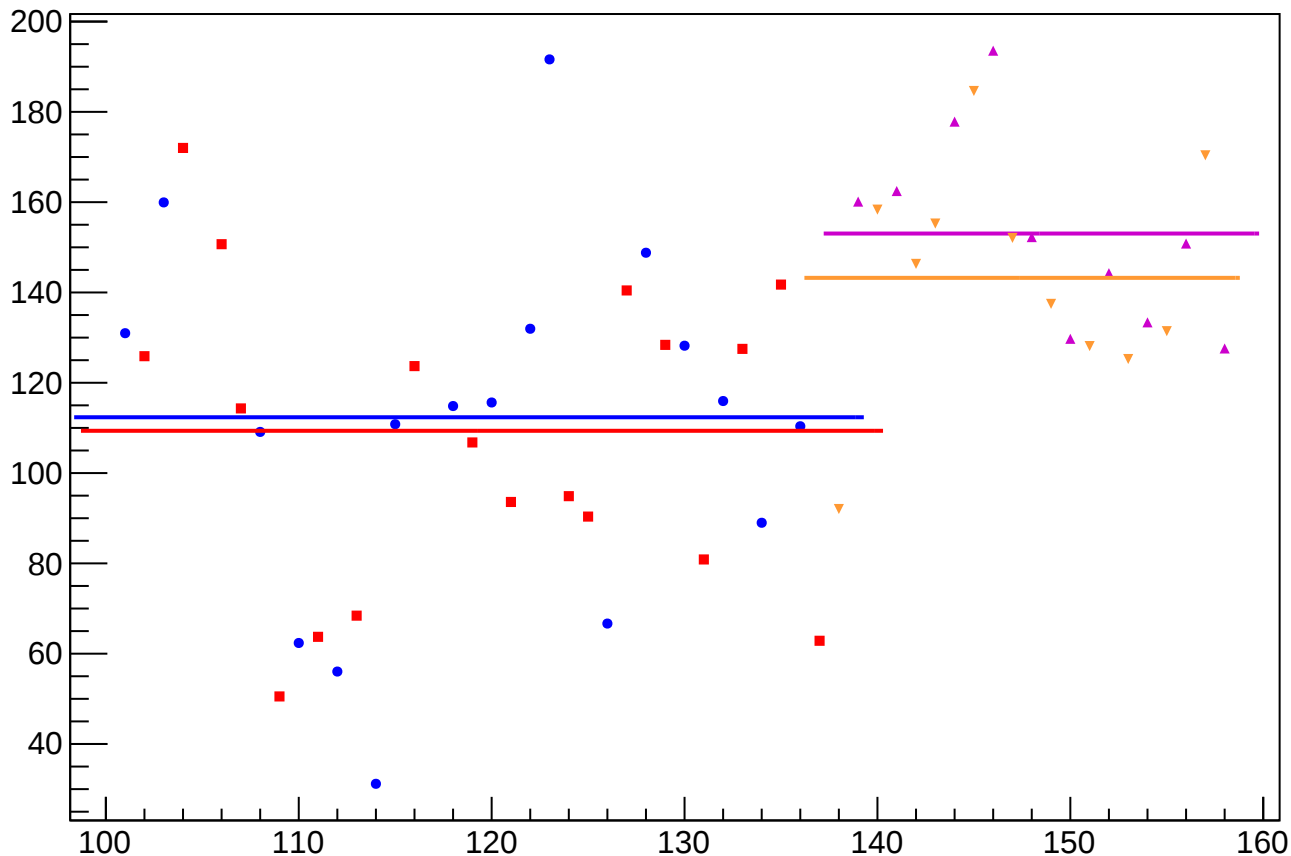
Right In: 1086.695 +/- 0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1157.917 +/- 0.000 χ^2/NDF : 30222225806204288922521502555630993408.0/10
 Right Out: 1032.544 +/- 0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1278.216 +/- 0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam6_coil3_mean vs Slug



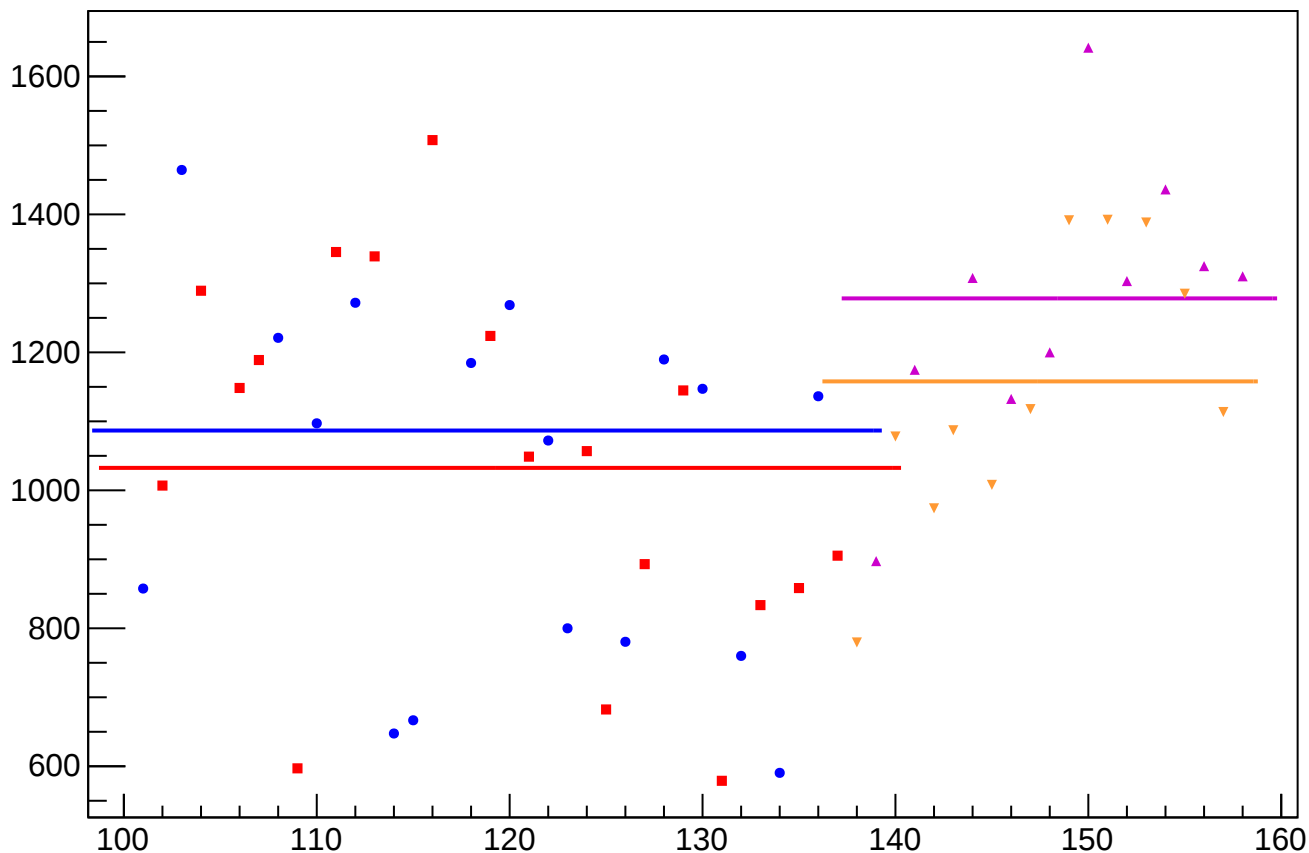
Right In: -1287.018 ± 0.000 $\chi^2/\text{NDF}: 1204676715439313496734702006985495150592.0/16$
 Left Out: -5171.980 ± 0.000 $\chi^2/\text{NDF}: 568549968434606374585091014183025115136.0/10$
 Right Out: -1017.680 ± 0.000 $\chi^2/\text{NDF}: 852354346622995689266162288487263371264.0/17$
 Left In: -5705.020 ± 0.000 $\chi^2/\text{NDF}: 353670608855631553431785025346000125952.0/9$

dit_sam6_coil3_err_mean vs Slug



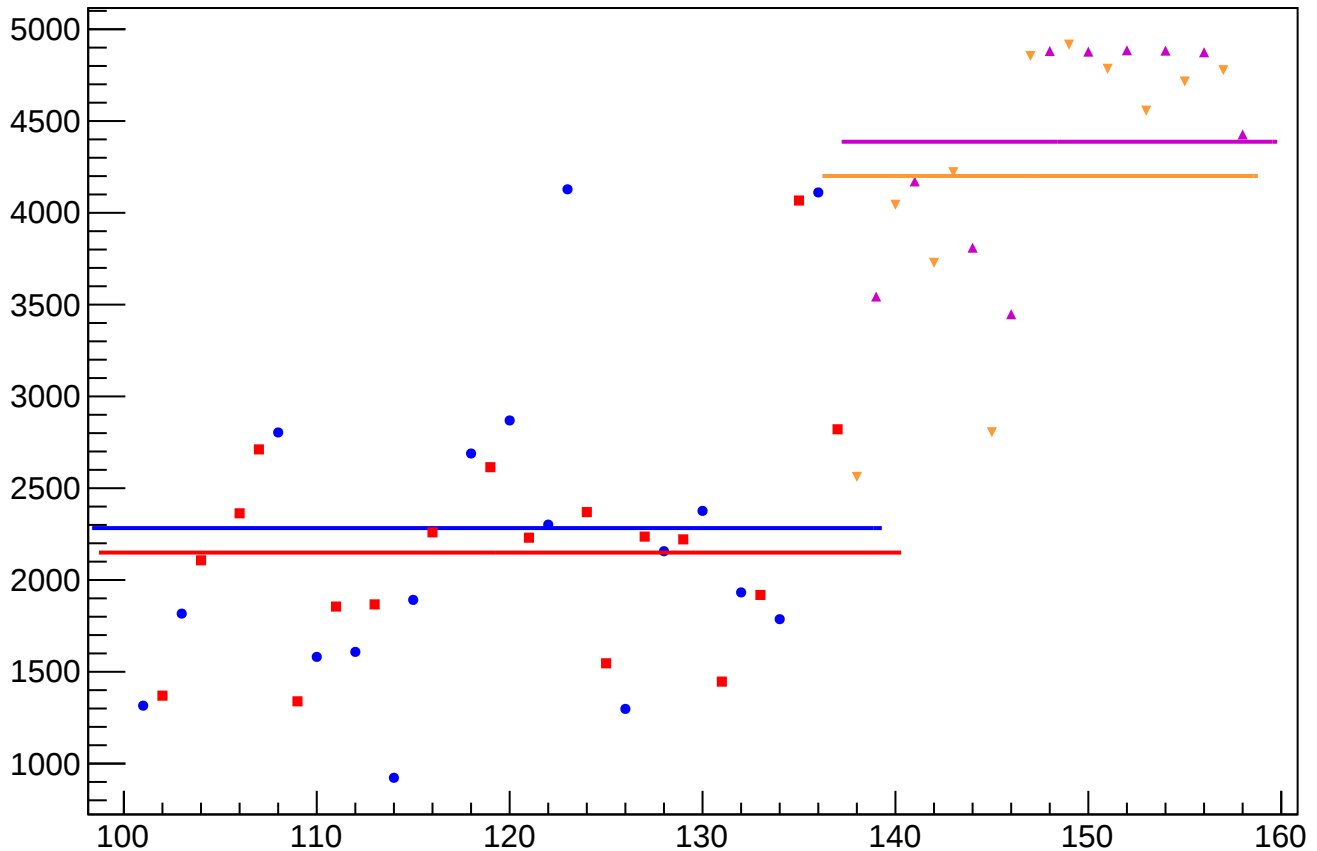
Right In: 112.364 ± 0.000 χ^2/NDF : 704132882376699060399654305188020224.0/16
 Left Out: 143.237 ± 0.000 χ^2/NDF : 486535060036941921060809721939755008.0/10
 Right Out: 109.364 ± 0.000 χ^2/NDF : 838845293661778137888588246433136640.0/17
 Left In: 153.053 ± 0.000 χ^2/NDF : 345914755100342939185867406947909632.0/9

dit_sam6_coil3_Ndata_mean vs Slug



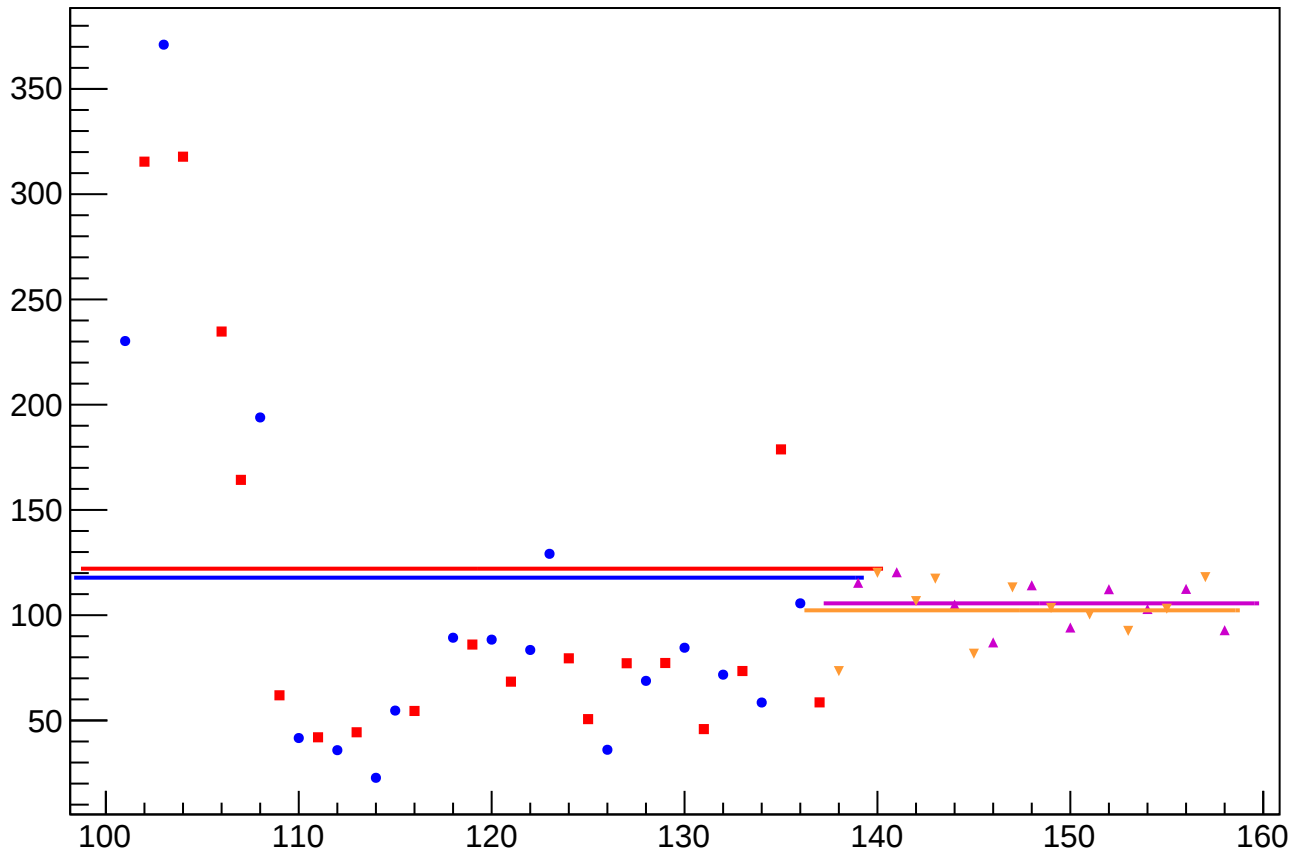
Right In: 1086.695 +/- 0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1157.917 +/- 0.000 χ^2/NDF : 30222225806204288922521502555630993408.0/10
 Right Out: 1032.544 +/- 0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1278.216 +/- 0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam7_coil3_mean vs Slug



Right In: 2282.778+/-0.000 χ^2/NDF : 521869333583833068444115371437594771456.0/16
 Left Out: 4200.741+/-0.000 χ^2/NDF : 532971672506952647460206768600272338944.0/10
 Right Out: 2149.386+/-0.000 χ^2/NDF : 320631411360836158094549979591860027392.0/17
 Left In: 4387.225+/-0.000 χ^2/NDF : 269496277241275769784068301851365212160.0/9

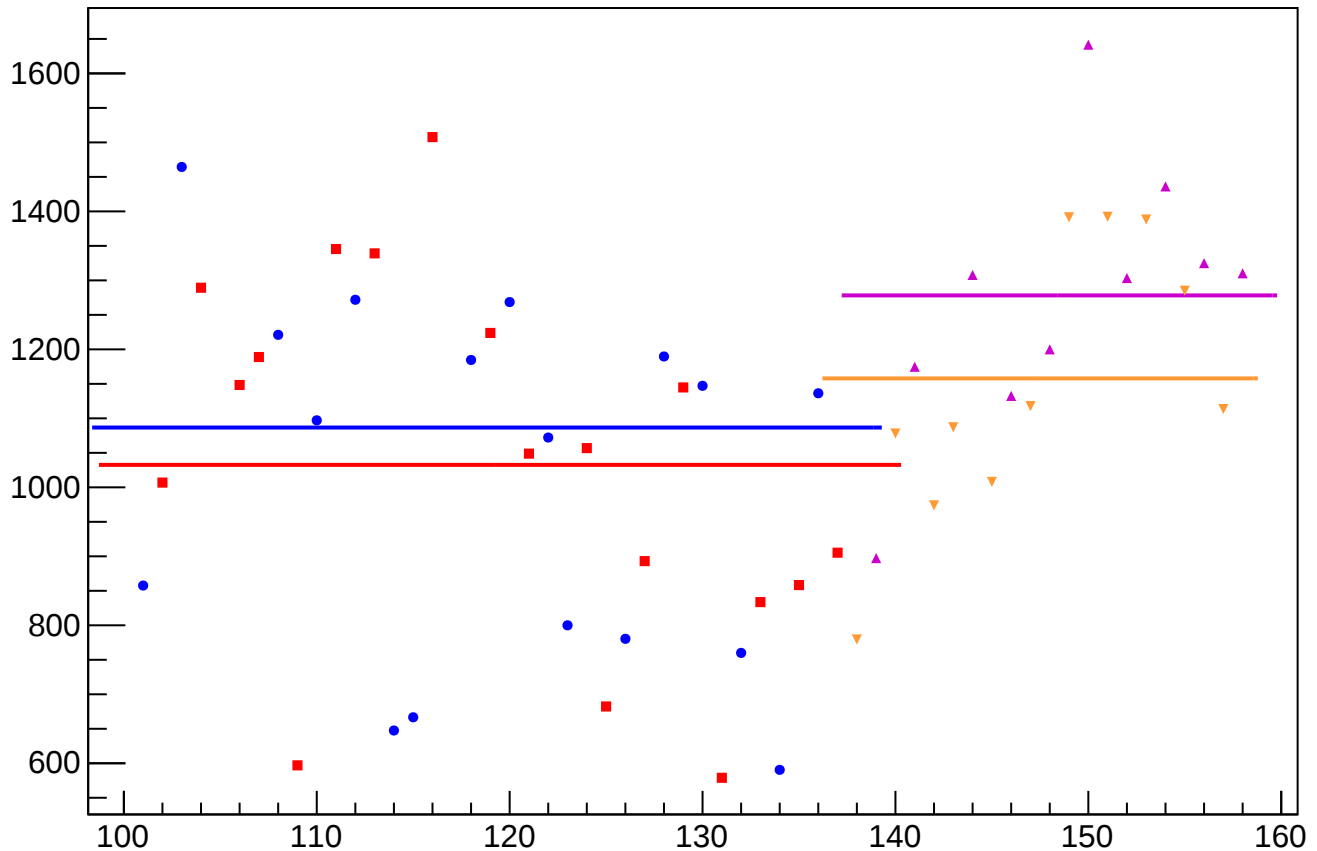
dit_sam7_coil3_err_mean vs Slug



Right In: 117.825+/-0.000	χ^2/NDF : 6199421197695716182570916449760575488.0/16
Left Out: 102.308+/-0.000	χ^2/NDF : 176386238332470467686620950851223552.0/10
Right Out: 122.099+/-0.000	χ^2/NDF : 6546124684147045667679194482005245952.0/17
Left In: 105.623+/-0.000	χ^2/NDF : 94579530003641792018925222577045504.0/9

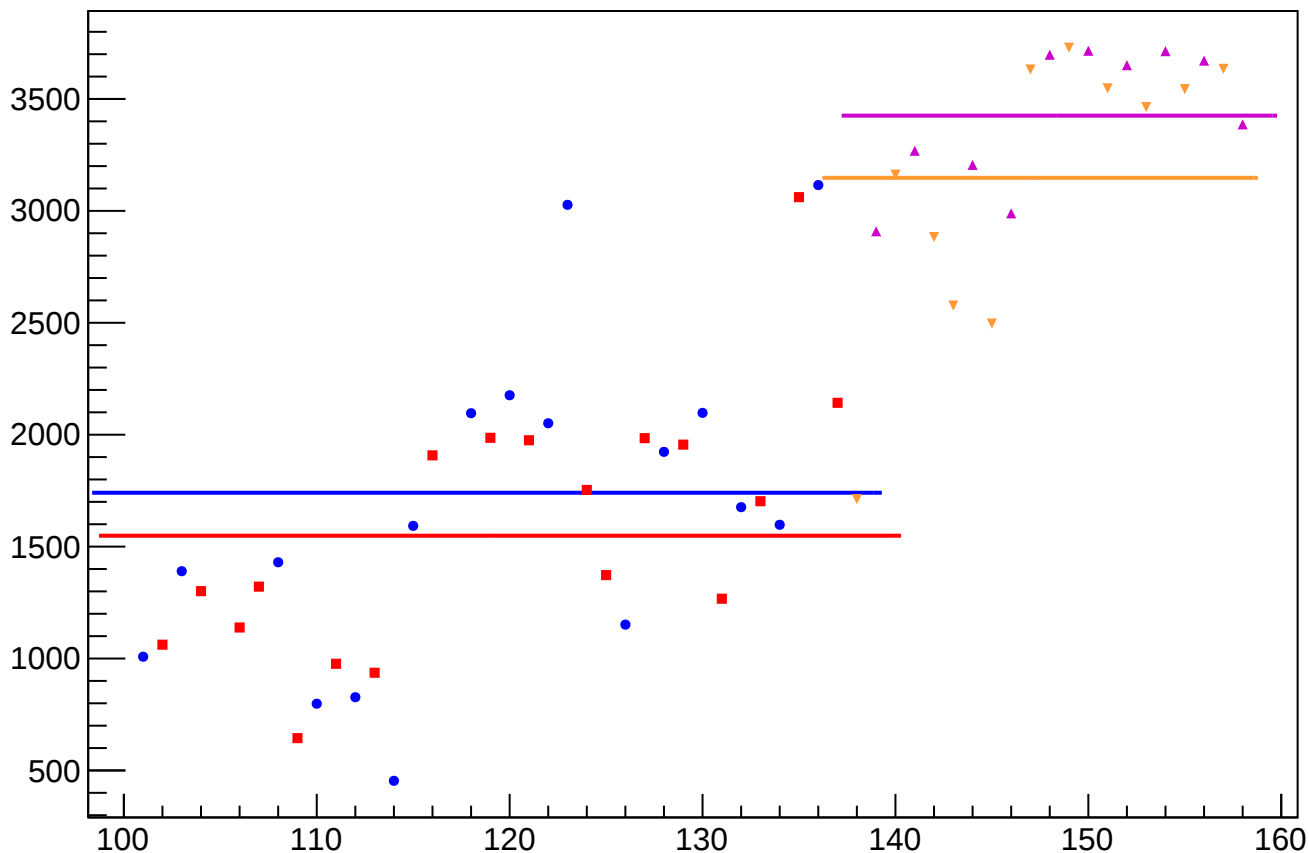
+ sign 109.379+/-0.000 χ^2/NDF : 646676408041147
 All: 111.290+/-0.000 χ^2/NDF : 13223856633
 - sign 113.150+/-0.000 χ^2/NDF : 674611338551200

dit_sam7_coil3_Ndata_mean vs Slug



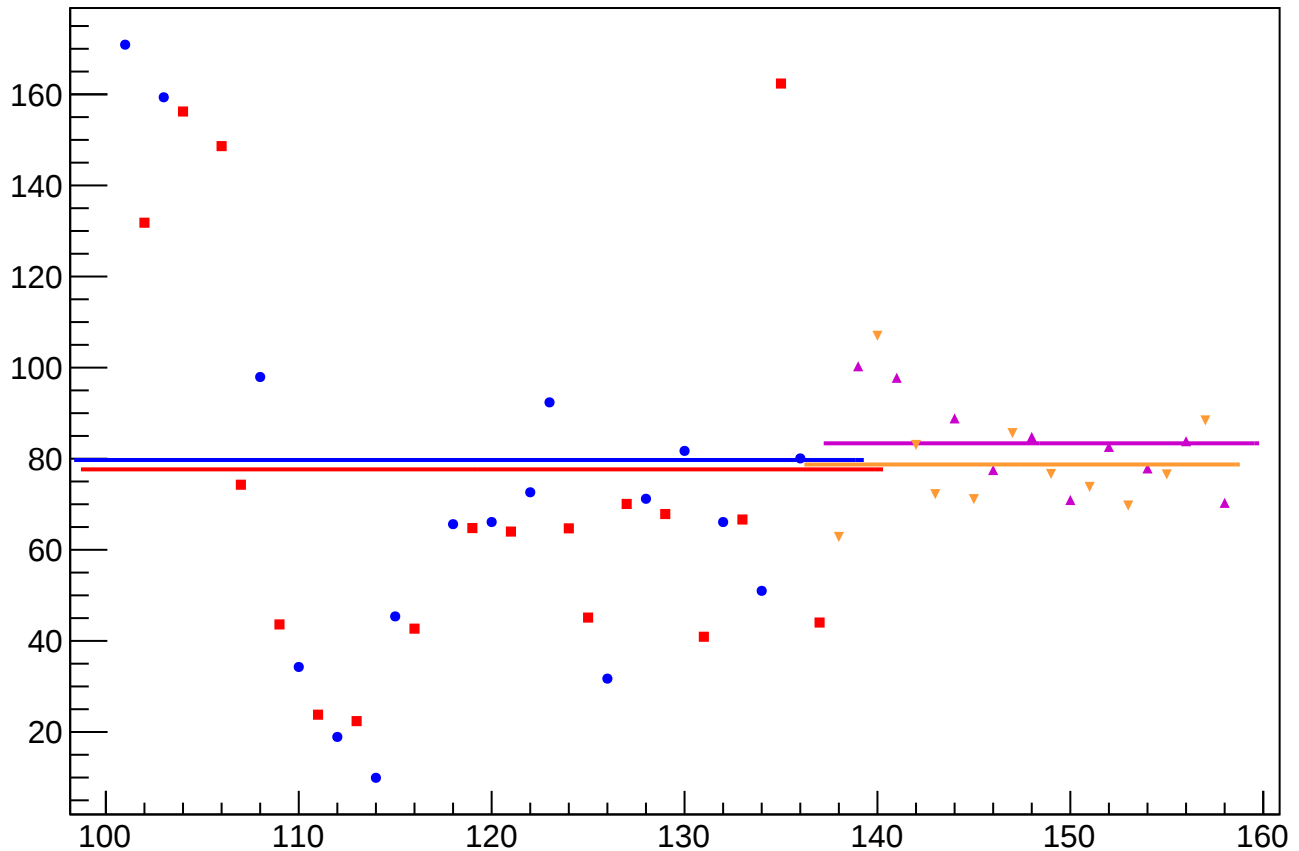
Right In: 1086.695 +/- 0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1157.917 +/- 0.000 χ^2/NDF : 30222225806204288922521502555630993408.0/10
 Right Out: 1032.544 +/- 0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1278.216 +/- 0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_sam8_coil3_mean vs Slug



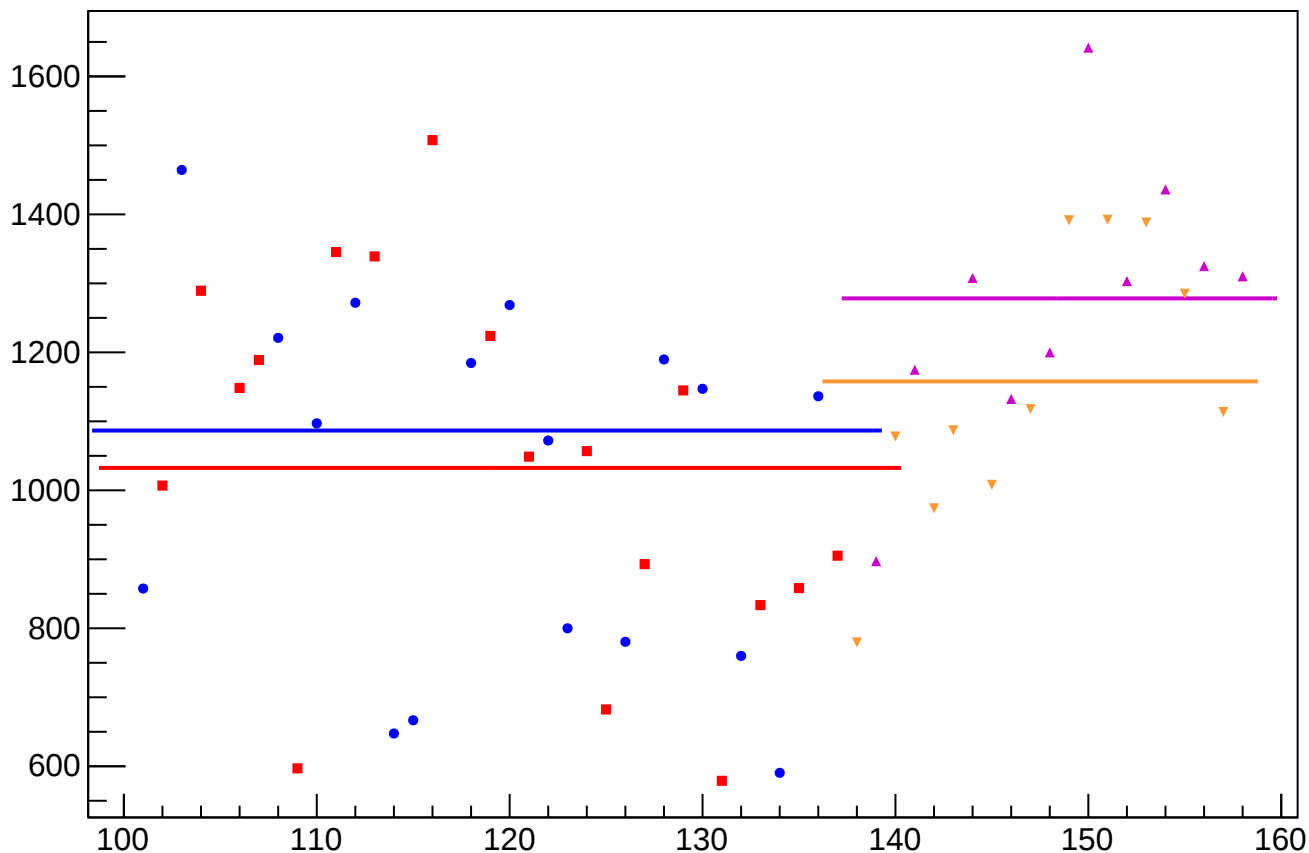
Right In: 1740.720+/-0.000	χ^2/NDF : 348962001897552007024222547428010622976.0/16	+ sign 2506.547+/-0.000	χ^2/NDF : 14132003523924
Left Out: 3147.663+/-0.000	χ^2/NDF : 316469738895129412355792461327130165248.0/10	All: 2537.736+/-0.000	χ^2/NDF : 31134802842
Right Out: 1548.740+/-0.000	χ^2/NDF : 255013280564316736413287354207314116608.0/17	- sign 2568.087+/-0.000	χ^2/NDF : 16973567870221
Left In: 3425.539+/-0.000	χ^2/NDF : 74469588030103814265994908635077017600.0/9		

dit_sam8_coil3_err_mean vs Slug



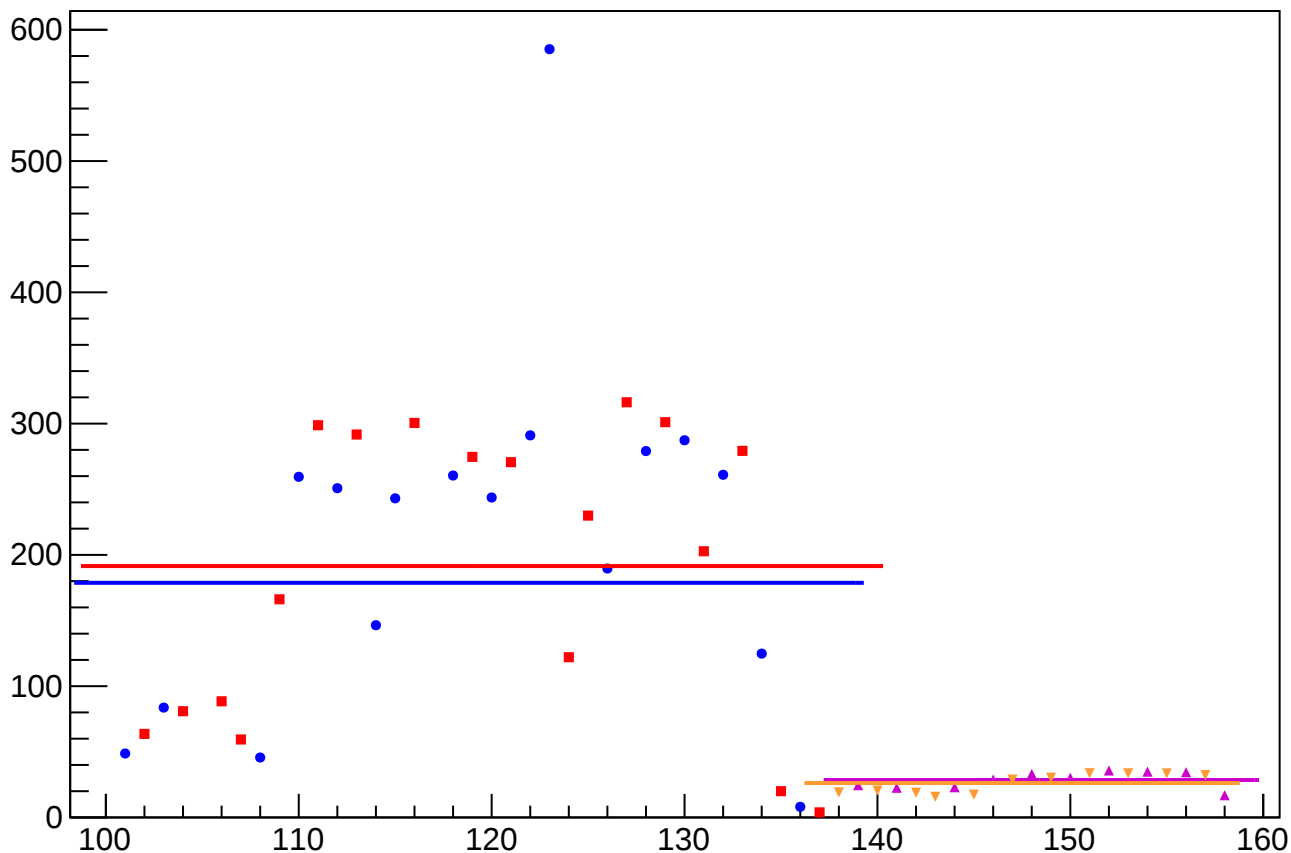
Right In: 79.722 ± 0.000 χ^2/NDF : 1349884201001122025991797772619087872.0/16
 Left Out: 78.735 ± 0.000 χ^2/NDF : 113539230267350193310079709417046016.0/10
 Right Out: 77.658 ± 0.000 χ^2/NDF : 1483793243606577649503828870787235840.0/17
 Left In: 83.380 ± 0.000 χ^2/NDF : 7714676432236779149549683297222656.0/9

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1086.695 +/- 0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1157.917 +/- 0.000 χ^2/NDF : 30222225806204288922521502555630993408.0/10
 Right Out: 1032.544 +/- 0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1278.216 +/- 0.000 χ^2/NDF : 29565438458869811796359539499848433664.0/9

dit_4aX_coil7_mean vs Slug



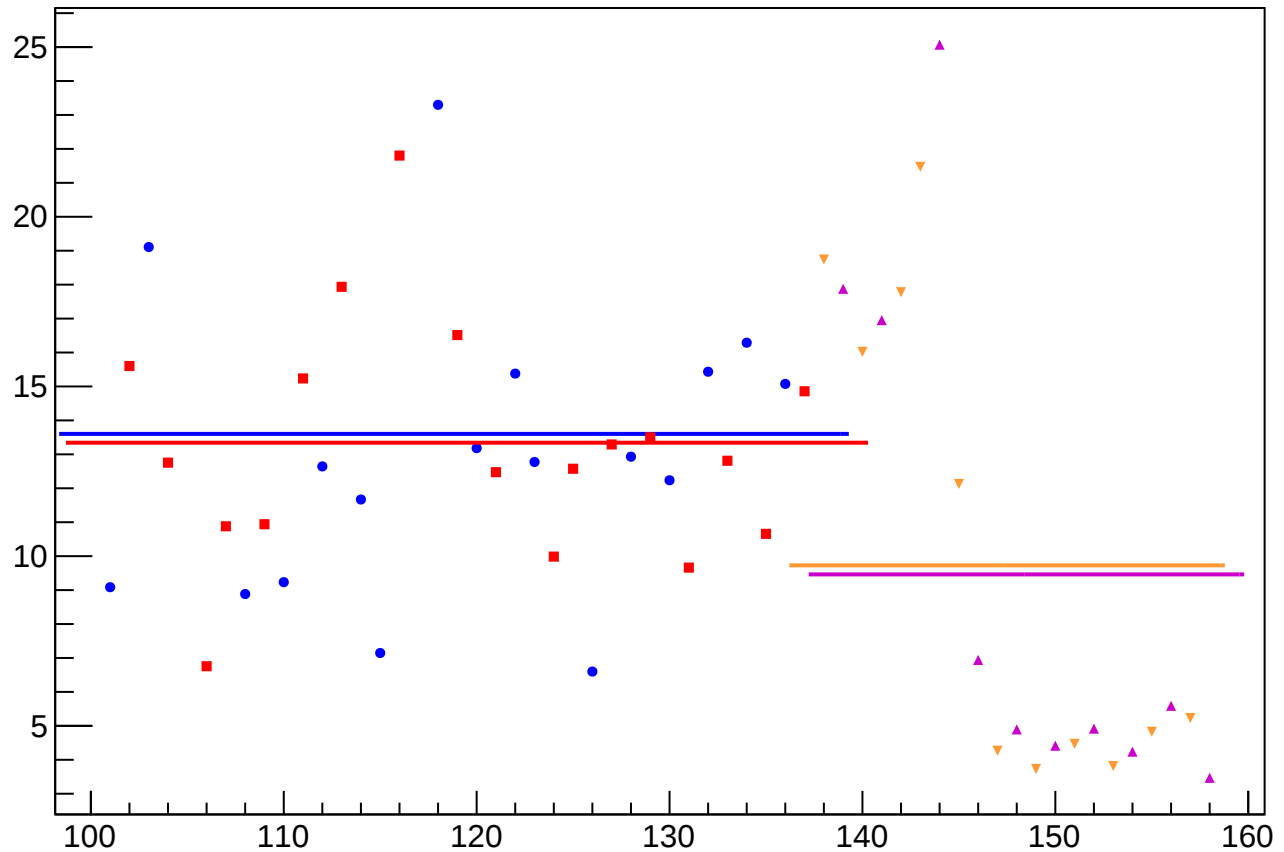
Right In: 178.734+/-0.000 χ^2/NDF : 8494804765562228204327834177712947200.0/16

Left Out: 26.244+/-0.000 χ^2/NDF : 40513092513422384980593168896491520.0/10

Right Out: 191.483+/-0.000 χ^2/NDF : 8150461362250913614126902389436841984.0/17

Left In: 28.521+/-0.000 χ^2/NDF : 30887547669272948708823854951170048.0/9

dit_4aX_coil7_err_mean vs Slug



Right In: 13.603+/-0.000 χ^2/NDF : 12735243270159378009596948914372608.0/16

+ sign 11.494+/-0.000 χ^2/NDF : 5451875442856058

Left Out: 9.729+/-0.000 χ^2/NDF : 36115260494963471530806931512885248.0/10

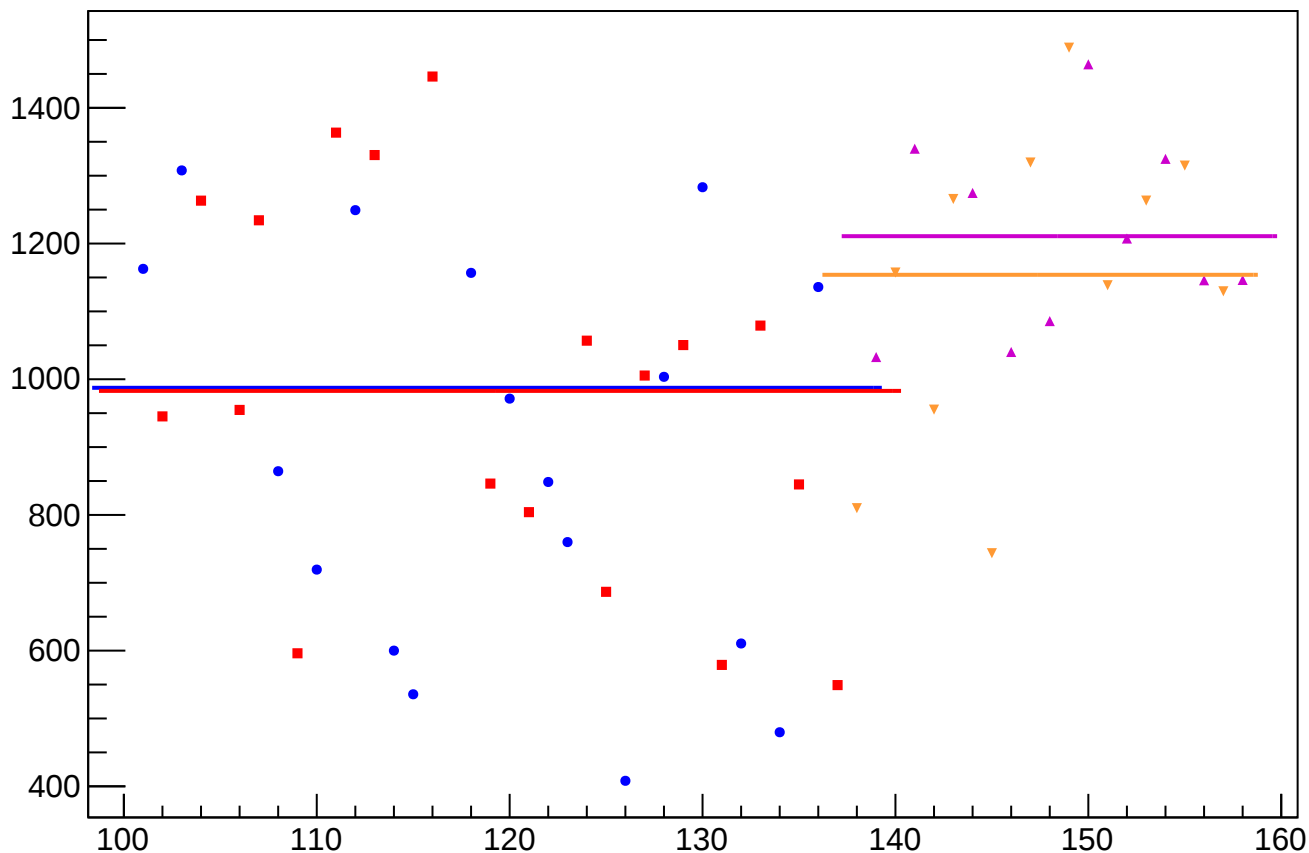
All: 11.363+/-0.000 χ^2/NDF : 1123455217978

Right Out: 13.343+/-0.000 χ^2/NDF : 6808158047357444632184742387646464.0/17

- sign 11.235+/-0.000 χ^2/NDF : 5777509398820110

Left In: 9.463+/-0.000 χ^2/NDF : 45120783773130459484316210762350592.0/9

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 39717775549873665316383021115082014720.0/10

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

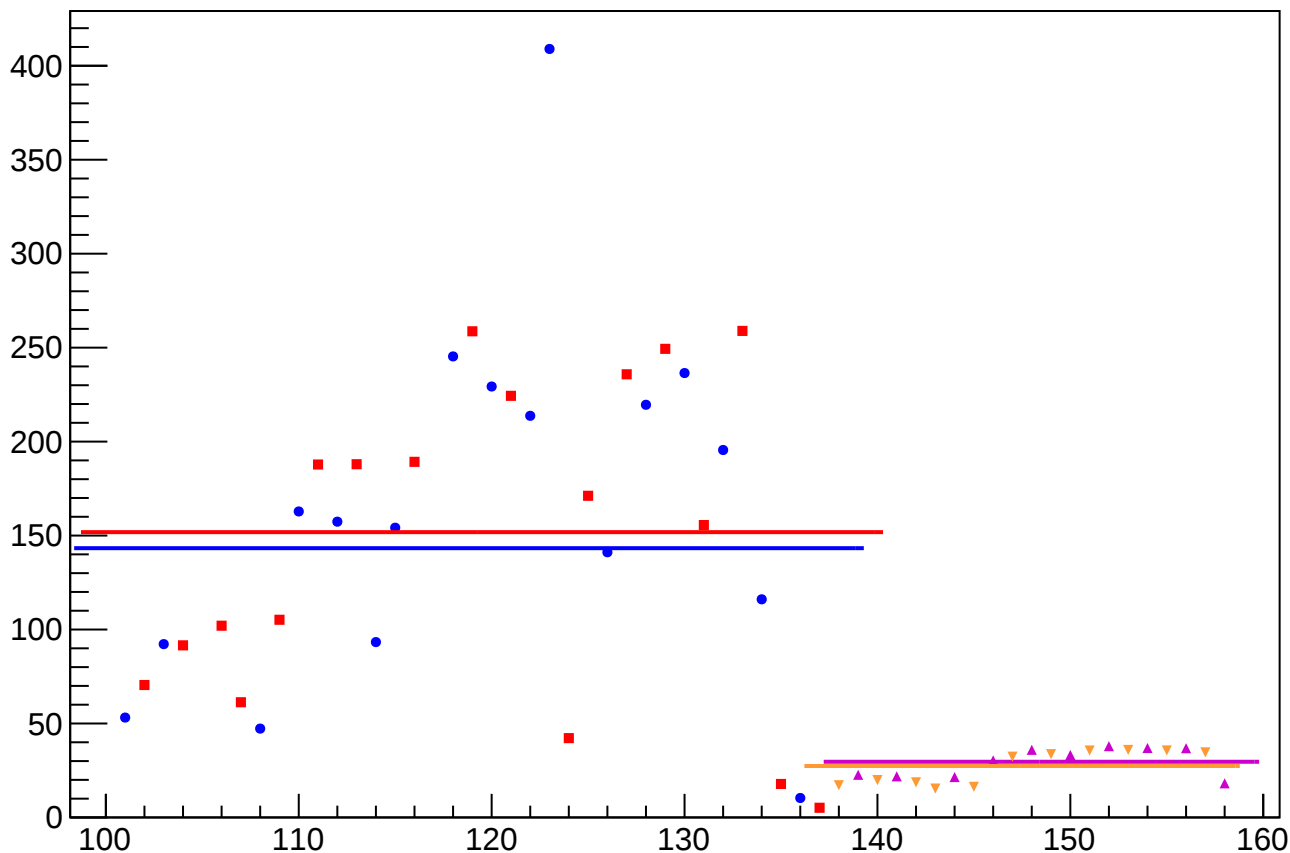
Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

+ sign 1078.044 $\pm$ 0.000 χ^2 /NDF: 10276772296654

All: 1092.558 $\pm$ 0.000 χ^2 /NDF: 18744925336

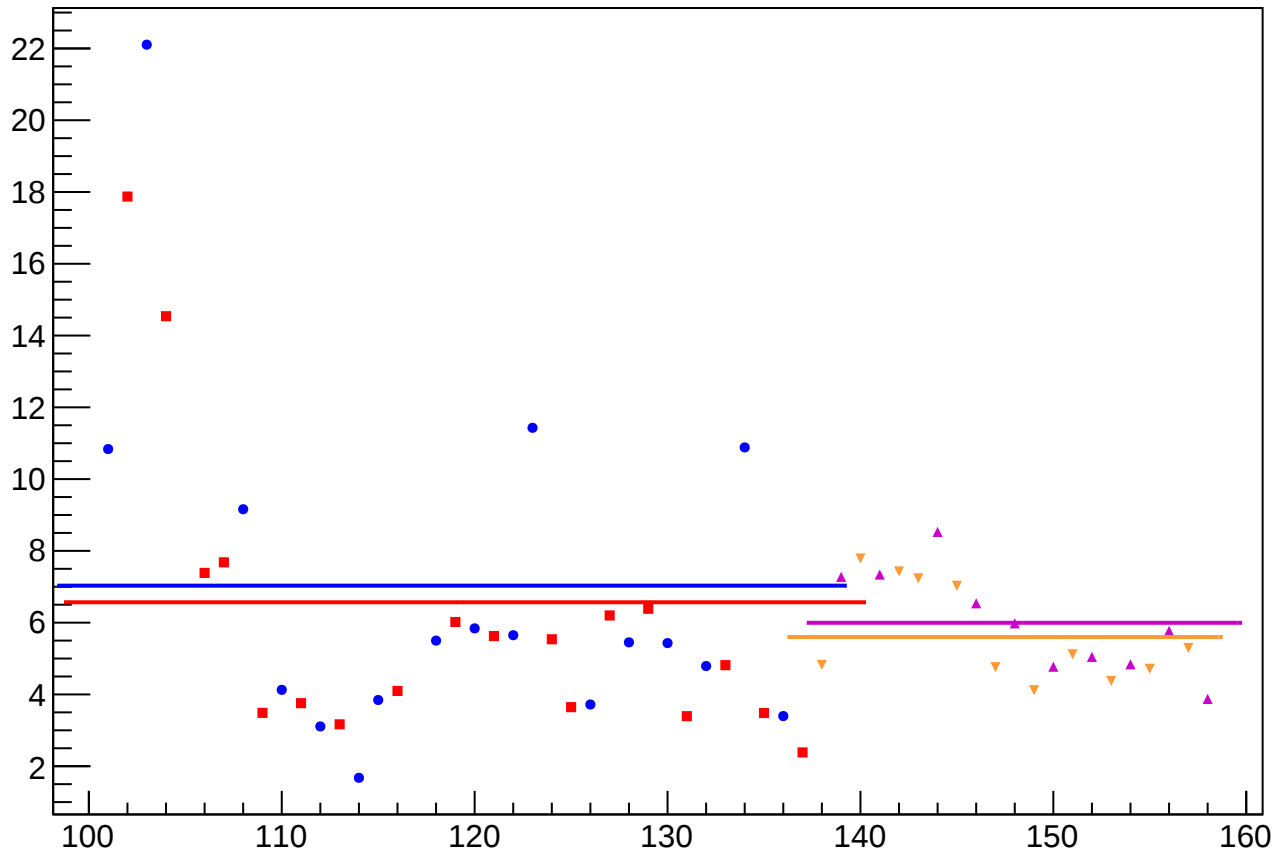
- sign 1106.682 $\pm$ 0.000 χ^2 /NDF: 84048512246961

dit_4eX_coil7_mean vs Slug



Right In: 143.291+/-0.000 χ^2/NDF : 4778890435983165530583685149403119616.0/16
 Left Out: 27.379+/-0.000 χ^2/NDF : 61575111903858988161270140389818368.0/10
 Right Out: 151.819+/-0.000 χ^2/NDF : 4652479354515348530637943017457057792.0/17
 Left In: 29.639+/-0.000 χ^2/NDF : 45136682300322564384982324731707392.0/9

dit_4eX_coil7_err_mean vs Slug



Right In: 7.031+/-0.000 χ^2/NDF : 18686972393169306014765519518826496.0/16

Left Out: 5.599+/-0.000 χ^2/NDF : 1385726542357554988705179144028160.0/10

Right Out: 6.568+/-0.000 χ^2/NDF : 13908005278630821419370553666437120.0/17

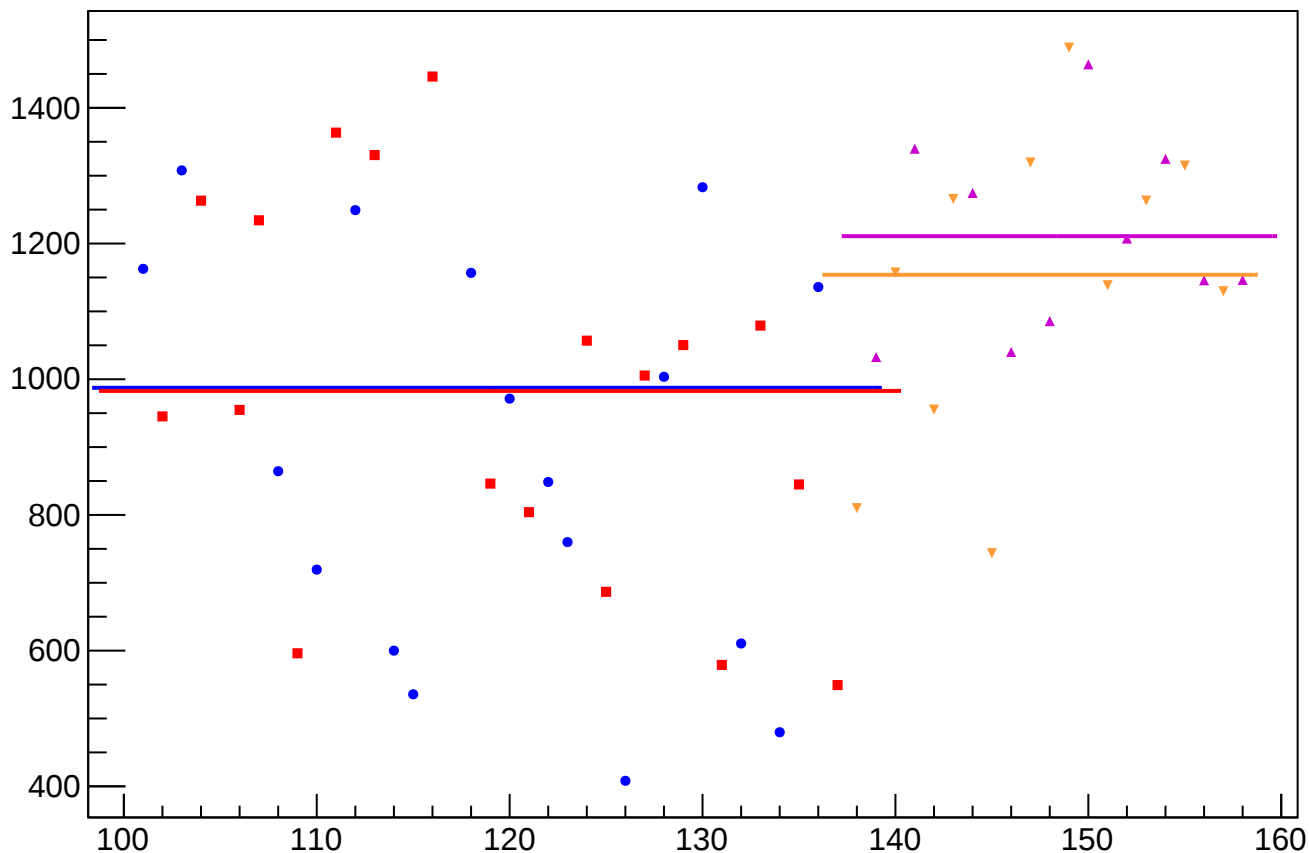
Left In: 5.996+/-0.000 χ^2/NDF : 1583933789408531660890207936315392.0/9

+ sign 6.251+/-0.000 χ^2/NDF : 20847178961381758

All: 6.254+/-0.000 χ^2/NDF : 36466033858832

- sign 6.258+/-0.000 χ^2/NDF : 15618824437924003

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 39717775549873665316383021115082014720.0/10

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

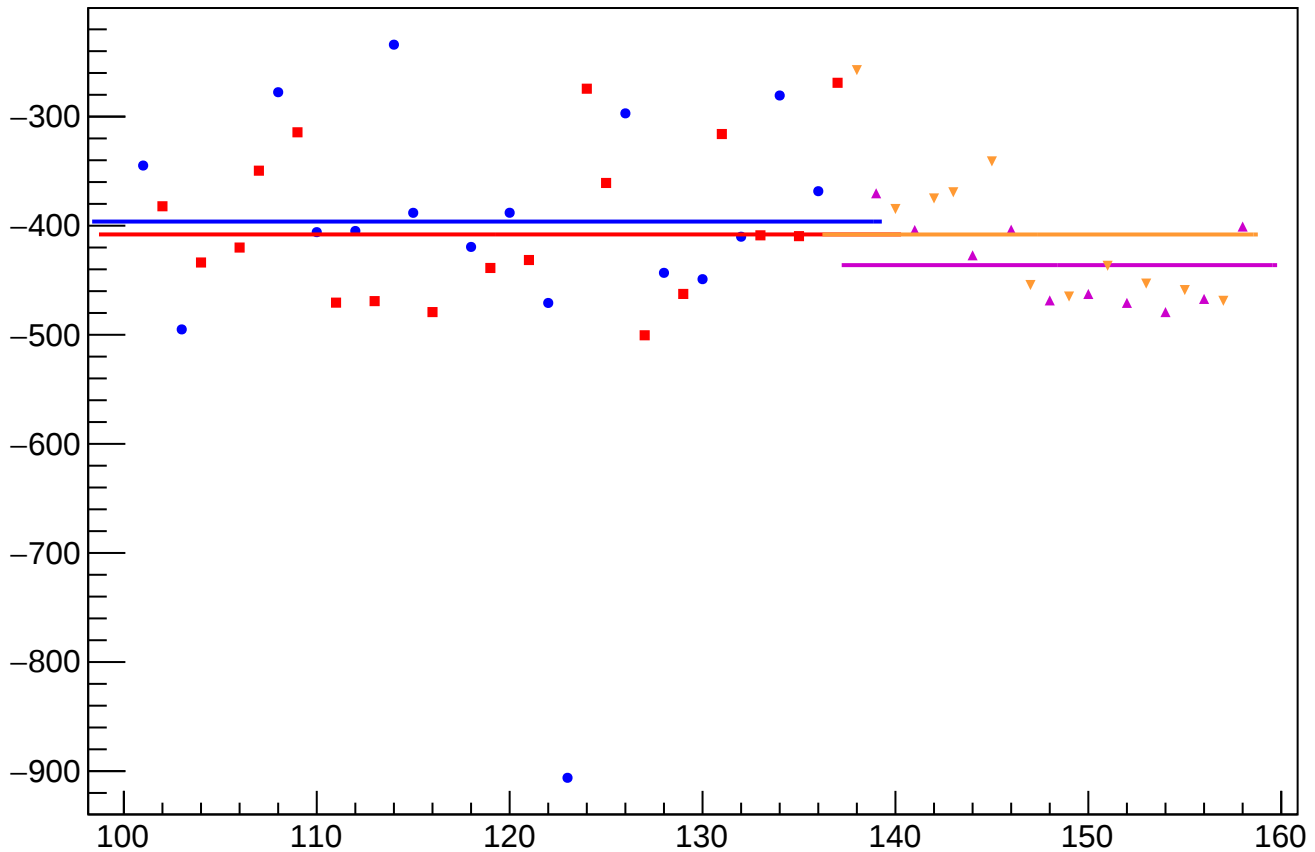
Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

+ sign 1078.044 $\pm$ 0.000 χ^2 /NDF: 10276772296654

All: 1092.558 $\pm$ 0.000 χ^2 /NDF: 18744925336

- sign 1106.682 $\pm$ 0.000 χ^2 /NDF: 84048512246961

dit_11X12X_coil7_mean vs Slug



Right In: -396.205+/-0.000 χ^2/NDF : 3915339787327324310697642459645607936.0/16

Left Out: -408.052+/-0.000 χ^2/NDF : 3471754090764688114967391134914969600.0/10

Right Out: -408.004+/-0.000 χ^2/NDF : 2700413725595197389596215208912617472.0/17

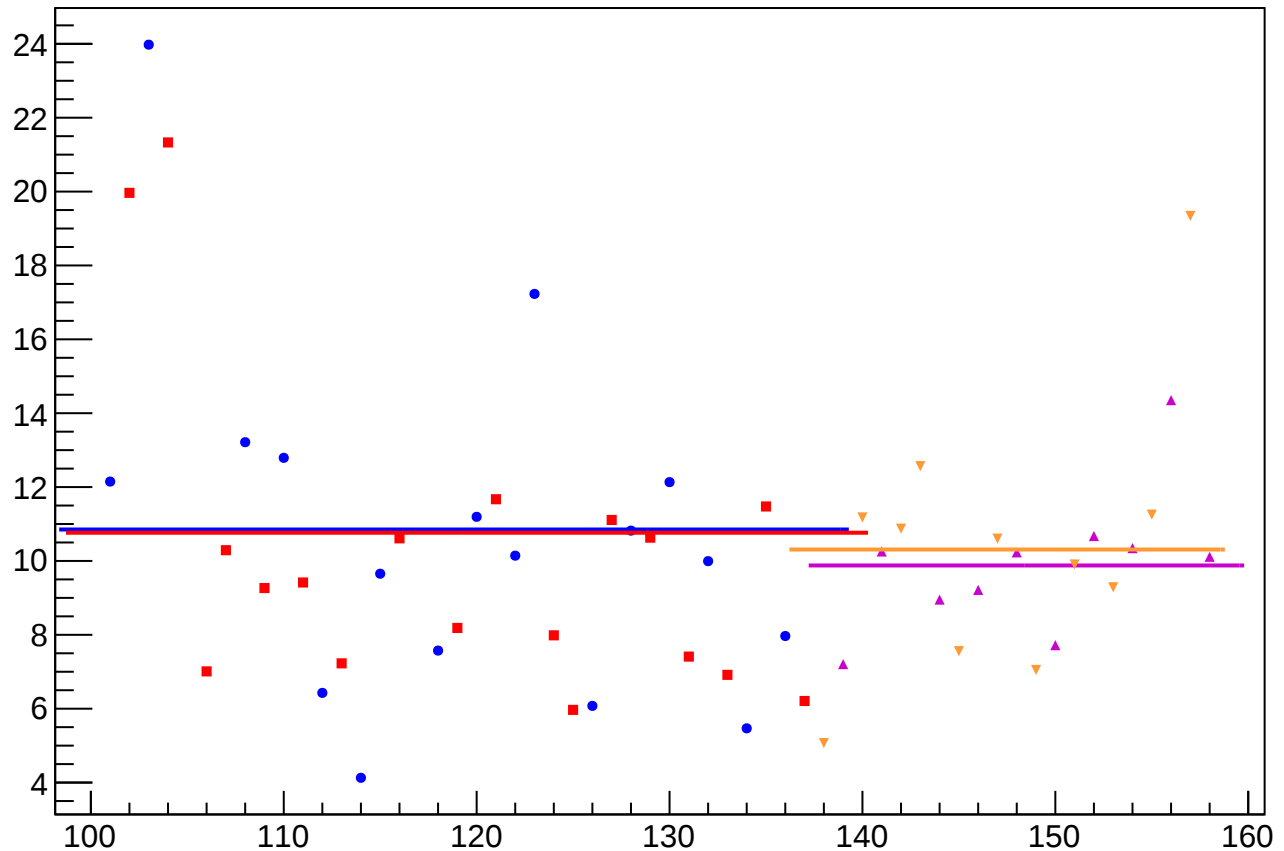
Left In: -436.145+/-0.000 χ^2/NDF : 1132905396240839523806176401007050752.0/9

+ sign -402.654+/-0.000 χ^2/NDF : 74401141560621

All: -413.111+/-0.000 χ^2/NDF : 11909629507

- sign -423.289+/-0.000 χ^2/NDF : 41408520417085

dit_11X12X_coil7_err_mean vs Slug



Right In: 10.851+/-0.000 χ^2/NDF : 15284459899452545966128799384862720.0/16

+ sign 10.556+/-0.000 χ^2/NDF : 2565259412033011

Left Out: 10.309+/-0.000 χ^2/NDF : 10257149337316009837744976472047616.0/10

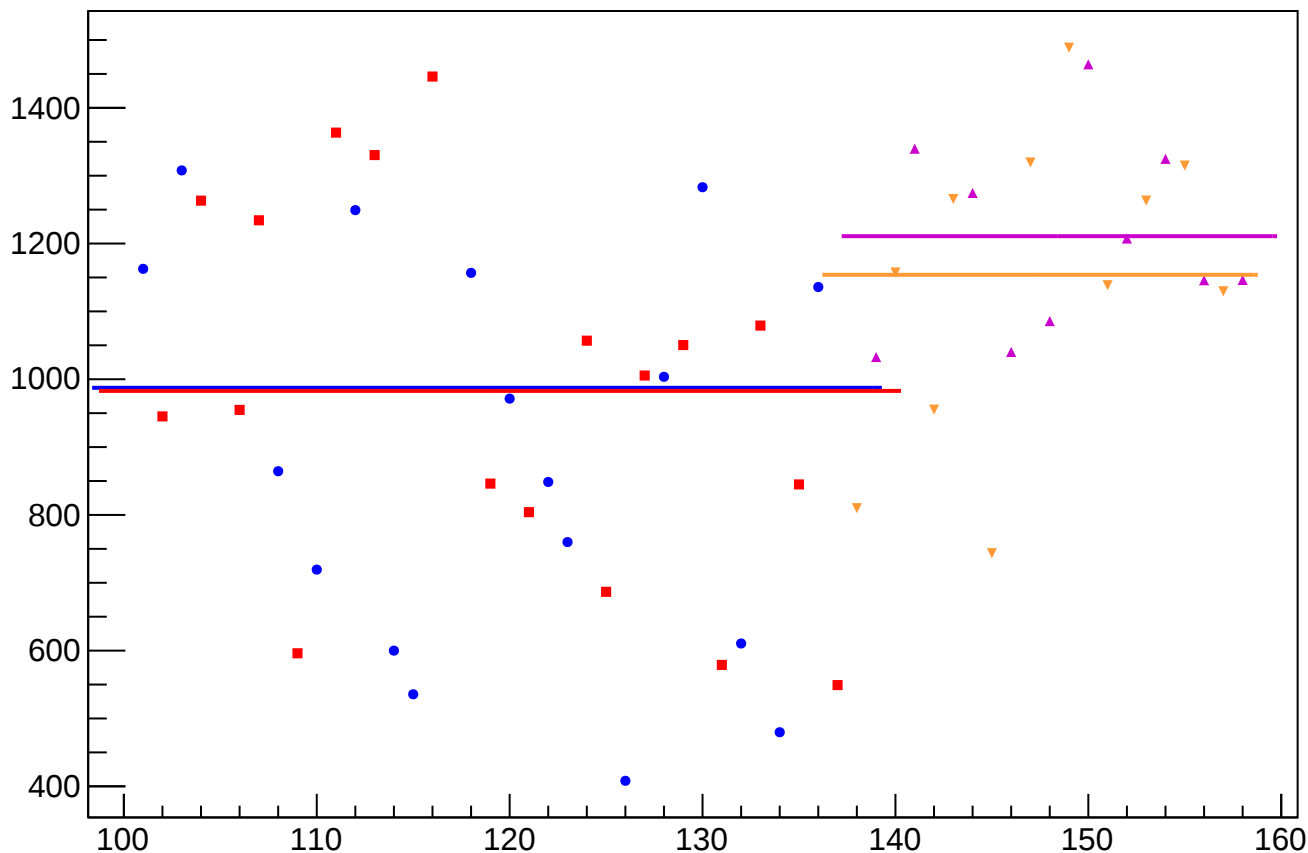
All: 10.418+/-0.000 χ^2/NDF : 4340974866228

Right Out: 10.764+/-0.000 χ^2/NDF : 14575858748491423837639288498946048.0/17

- sign 10.283+/-0.000 χ^2/NDF : 1769936238376846

Left In: 9.878+/-0.000 χ^2/NDF : 2818337887106815429141609547038720.0/9

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1153.937 $\pm$ 0.000 χ^2 /NDF: 39717775549873665316383021115082014720.0/10

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

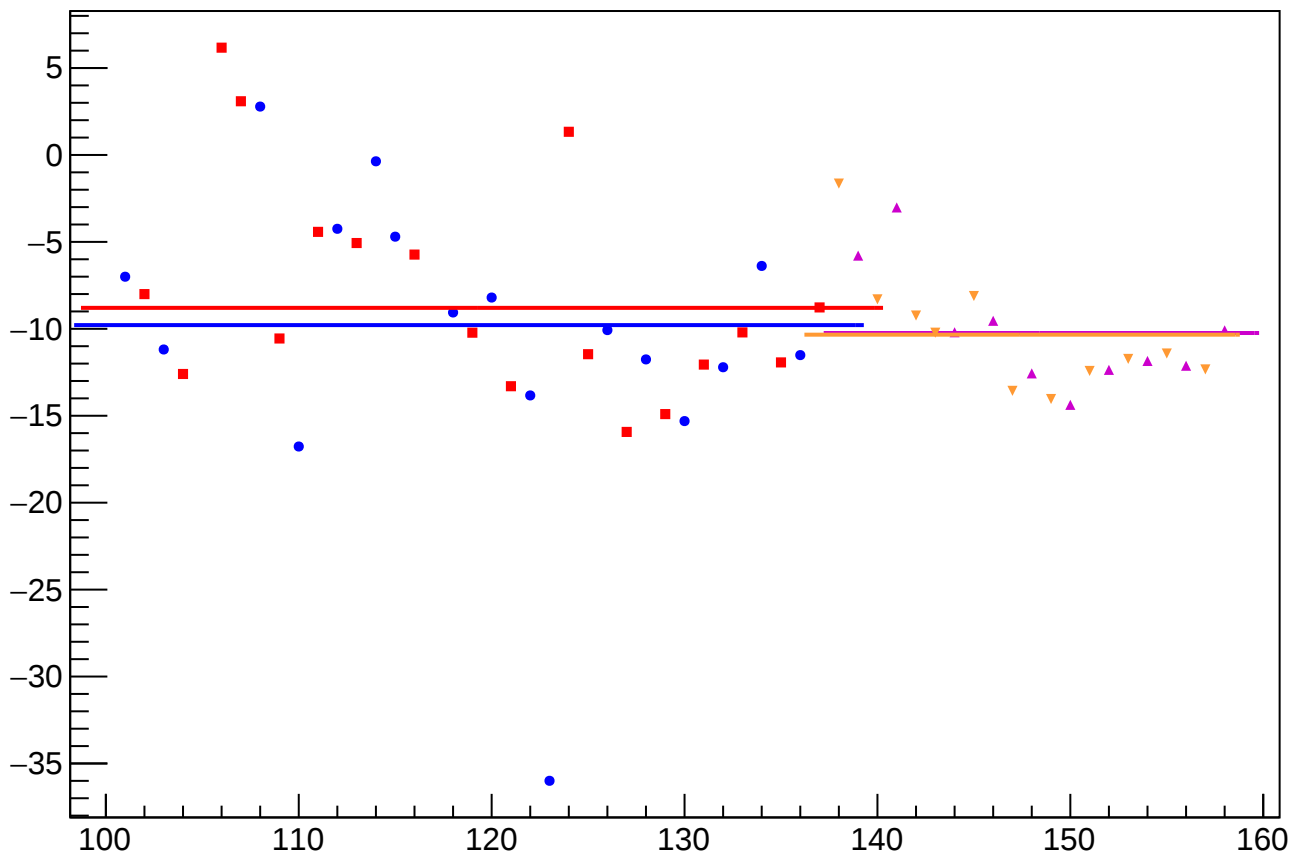
Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

+ sign 1078.044 $\pm$ 0.000 χ^2 /NDF: 10276772296654

All: 1092.558 $\pm$ 0.000 χ^2 /NDF: 18744925336

- sign 1106.682 $\pm$ 0.000 χ^2 /NDF: 84048512246961

dit_4aY_coil7_mean vs Slug



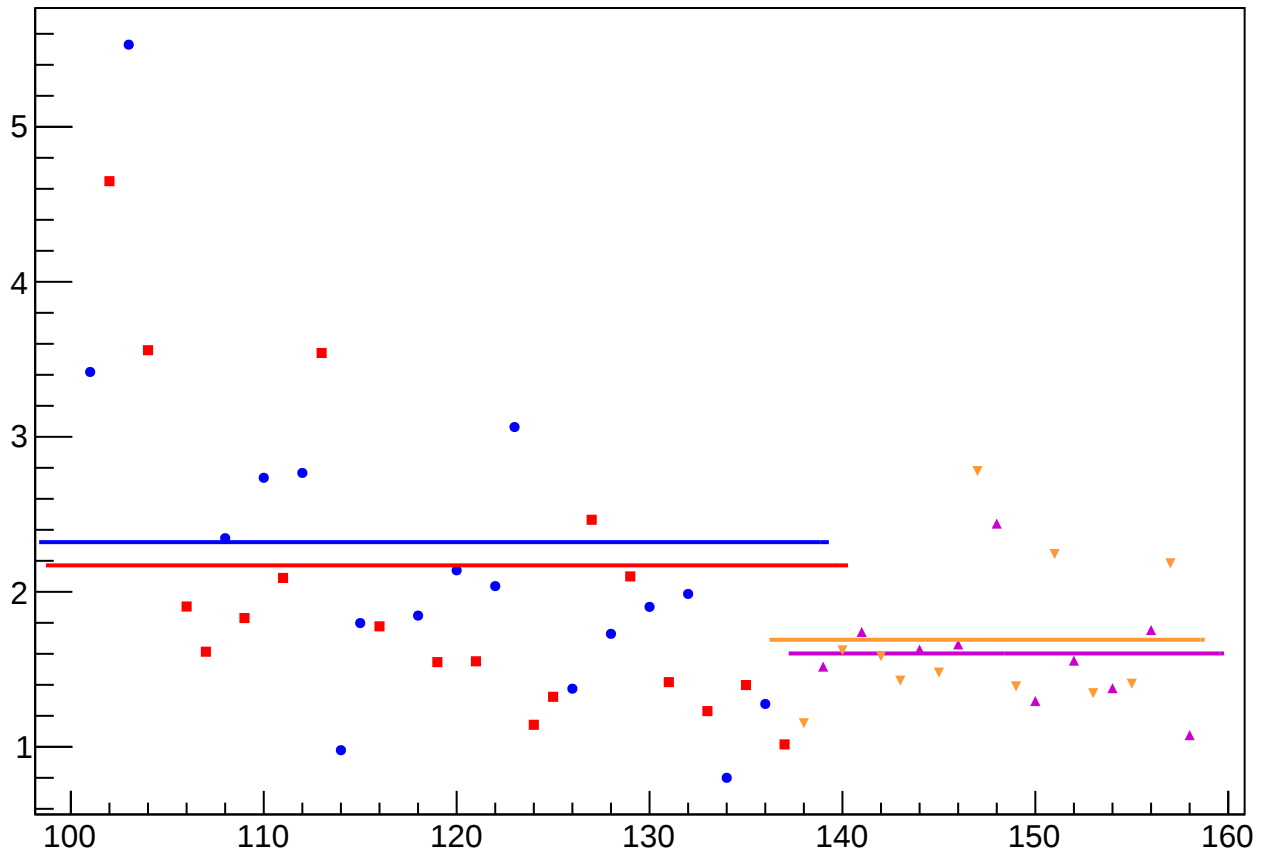
Right In: -9.786 ± 0.000 χ^2/NDF : 17296683010620060540445571791454208.0/16

Left Out: -10.337 ± 0.000 χ^2/NDF : 9526194508296299859289250530852864.0/10

Right Out: -8.794 ± 0.000 χ^2/NDF : 21979472889395409230974985175040000.0/17

Left In: -10.241 ± 0.000 χ^2/NDF : 8992821353241063566846056512618496.0/9

dit_4aY_coil7_err_mean vs Slug



Right In: 2.320+/-0.000 χ^2/NDF : 951785069007432203128626661556224.0/16

Left Out: 1.691+/-0.000 χ^2/NDF : 189756109993623161207419190640640.0/10

Right Out: 2.171+/-0.000 χ^2/NDF : 756432905902484239494035607126016.0/17

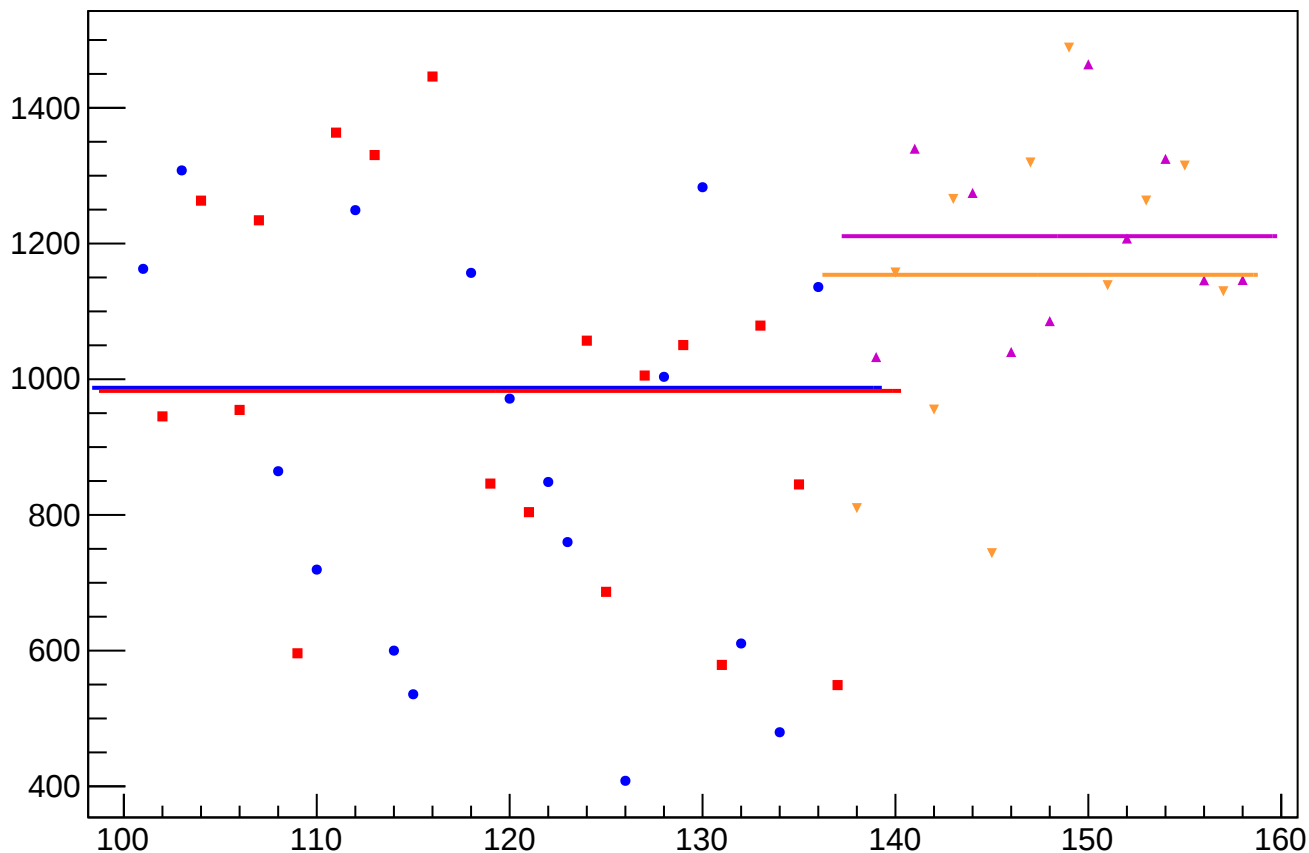
Left In: 1.602+/-0.000 χ^2/NDF : 99065942550139293527701756837888.0/9

All: 1.919+/-0.000 χ^2/NDF : 22825951484762

+ sign 1.978+/-0.000 χ^2/NDF : 12913532854098946

- sign 1.862+/-0.000 χ^2/NDF : 98090949313970539

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 987.388 ± 0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1153.937 ± 0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

Right Out: 982.831 ± 0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

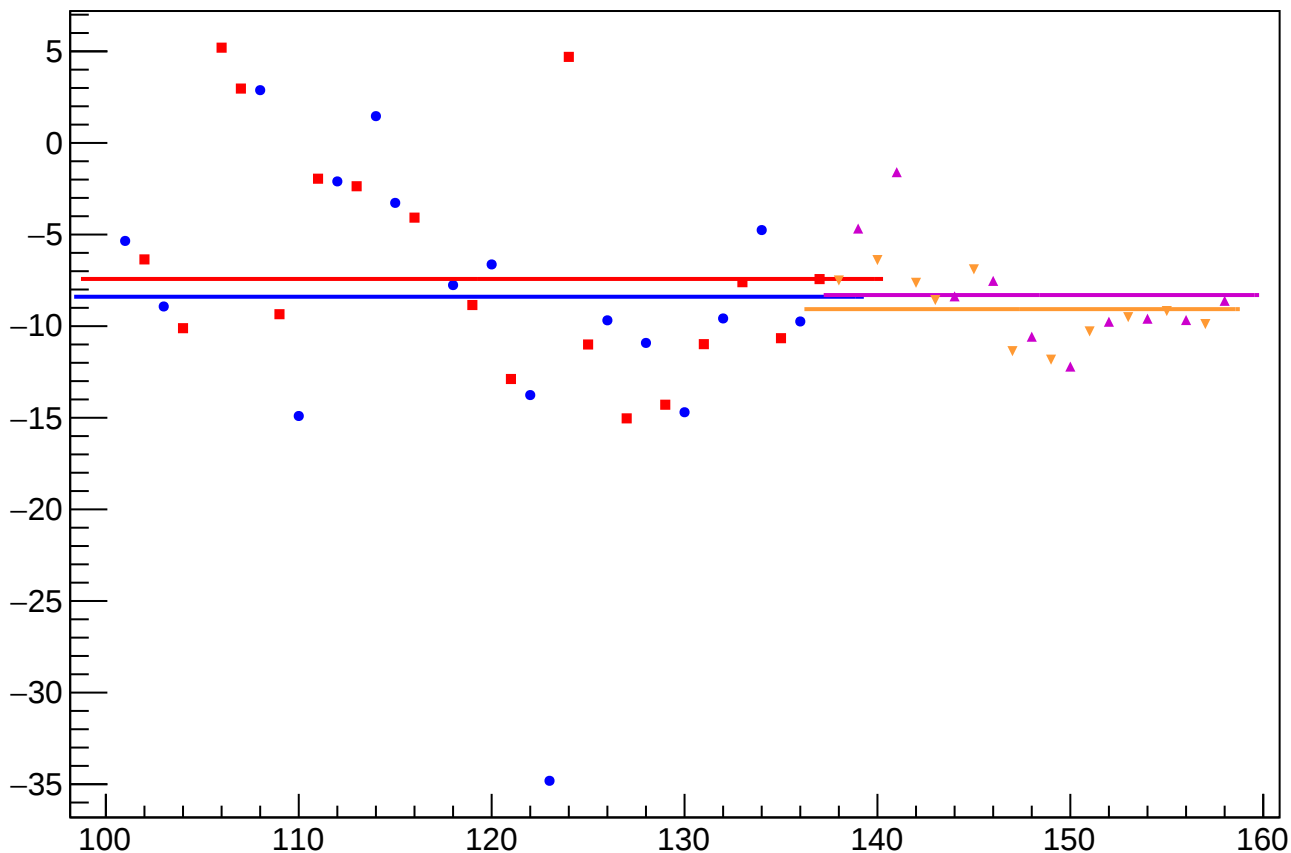
Left In: 1210.862 ± 0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

+ sign 1078.044 ± 0.000 χ^2/NDF : 10276772296654

All: 1092.558 ± 0.000 χ^2/NDF : 18744925336

- sign 1106.682 ± 0.000 χ^2/NDF : 84048512246961

dit_4eY_coil7_mean vs Slug



Right In: -8.394+/-0.000 χ^2/NDF : 17454293749905596935063382469378048.0/16

Left Out: -9.071+/-0.000 χ^2/NDF : 2487941740498496659473359150514176.0/10

Right Out: -7.423+/-0.000 χ^2/NDF : 21448737498509381182656193641840640.0/17

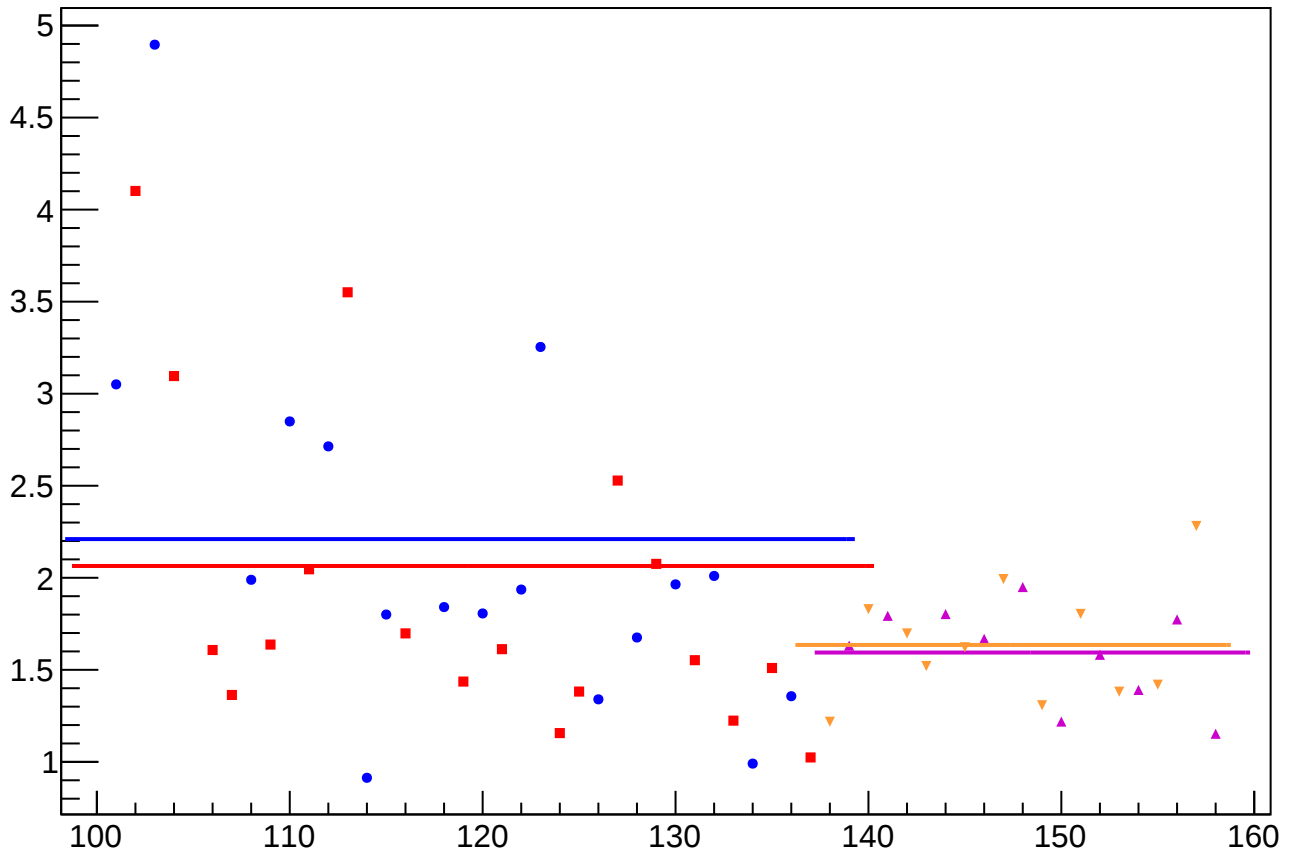
Left In: -8.302+/-0.000 χ^2/NDF : 7251000582611551497750982355320832.0/9

All: -8.326+/-0.000 χ^2/NDF : 4968794252844

+ sign -8.762+/-0.000 χ^2/NDF : 2011498025745691

- sign -7.901+/-0.000 χ^2/NDF : 28999520285926709

dit_4eY_coil7_err_mean vs Slug



Right In: 2.210 $\pm$ 0.000 χ^2/NDF : 685219894303103753186103173054464.0/16

Left Out: 1.635 $\pm$ 0.000 χ^2/NDF : 79062508438756432912179313770496.0/10

Right Out: 2.064 $\pm$ 0.000 χ^2/NDF : 574315722841914805756407412948992.0/17

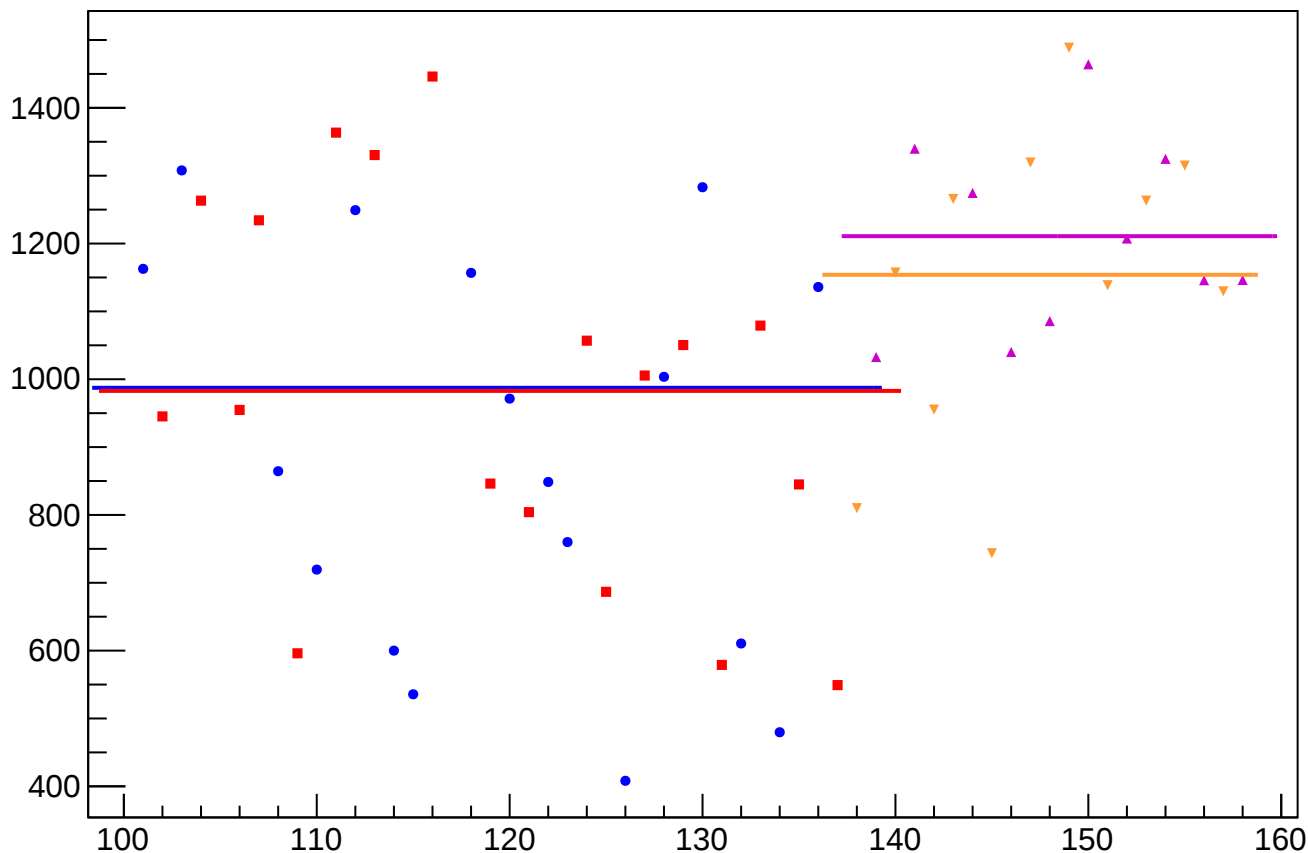
Left In: 1.594 $\pm$ 0.000 χ^2/NDF : 53308001917190265317856540360704.0/9

+ sign 1.897 $\pm$ 0.000 χ^2/NDF : 88918981144948265

All: 1.852 $\pm$ 0.000 χ^2/NDF : 16087024846783

- sign 1.809 $\pm$ 0.000 χ^2/NDF : 71348204440860217

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

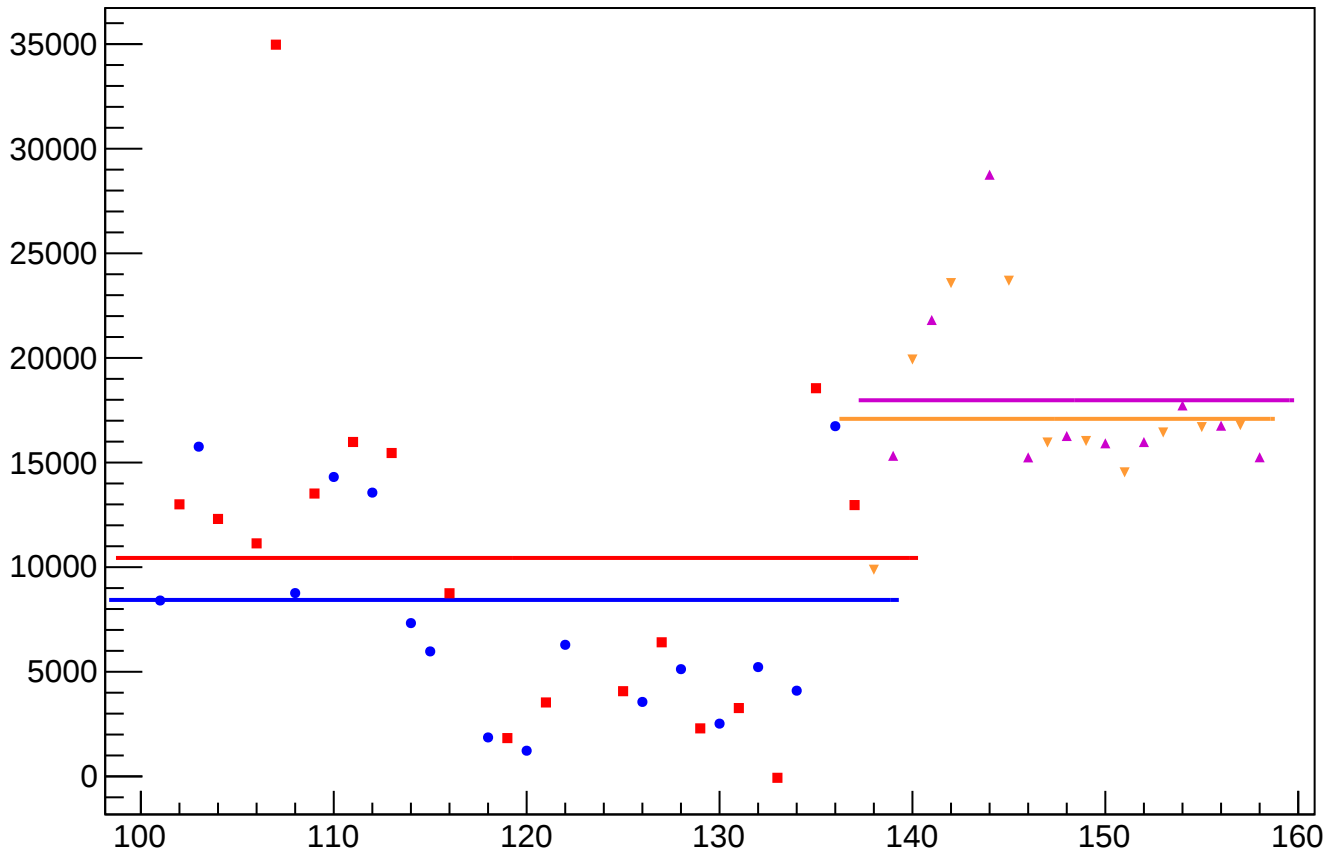
All: 1092.558+/-0.000 χ^2/NDF : 18744925336

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

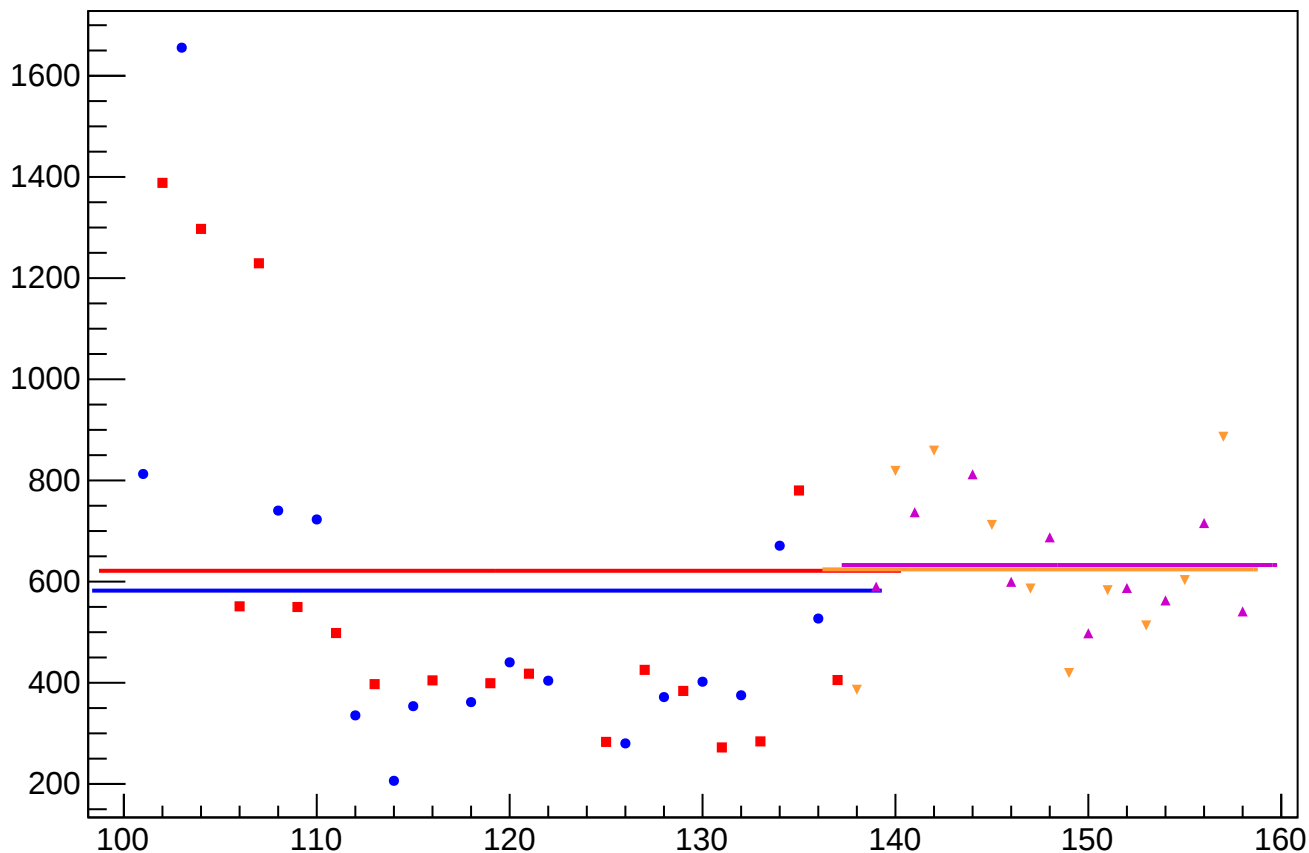
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

dit_usl_coil7_mean vs Slug



Right In: 8433.891+/-0.000 χ^2/NDF : 20327422028204985369763408215621299601408.0/15
 Left Out: 17089.000+/-0.000 χ^2/NDF : 10804039419606720908680885863646463262720.0/9
 Right Out: 10440.704+/-0.000 χ^2/NDF : 45868144044016746065453678570140629729280.0/16
 Left In: 17977.352+/-0.000 χ^2/NDF : 14483296742534794901604070527012597399552.0/9

dit_usl_coil7_err_mean vs Slug



Right In: 582.194+/-0.000 χ^2/NDF : 92652521491388929844313077938841976832.0/15

+ sign 604.224+/-0.000 χ^2/NDF : 113892073599242

Left Out: 624.173+/-0.000 χ^2/NDF : 20601433408850919820047736633345179648.0/9

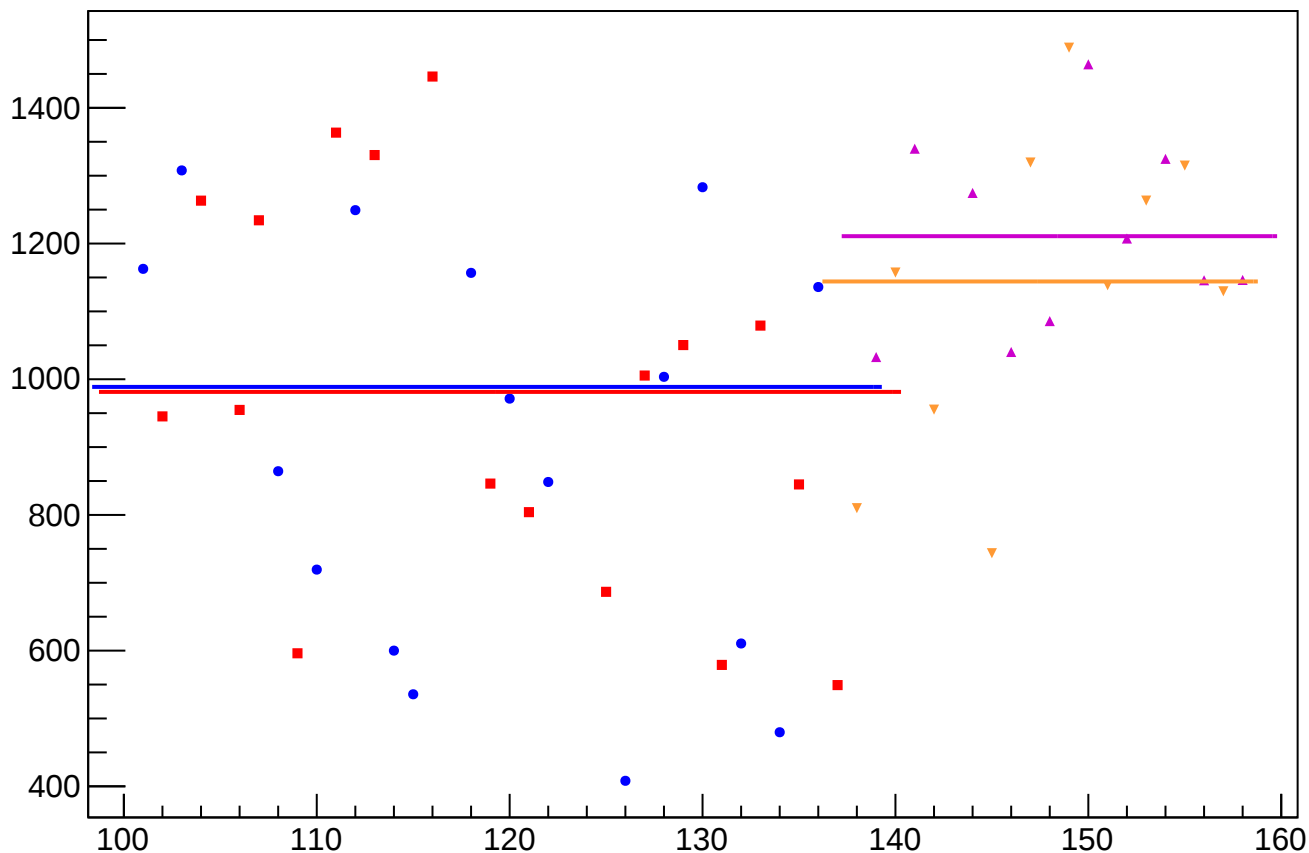
All: 616.326+/-0.000 χ^2/NDF : 22118526055

Right Out: 621.413+/-0.000 χ^2/NDF : 99044900314697449740386824149731901440.0/16

- sign 627.655+/-0.000 χ^2/NDF : 106881492689742

Left In: 632.802+/-0.000 χ^2/NDF : 7786765525391427172722994055368146944.0/9

dit_usl_coil7_Ndata_mean vs Slug



Right In: 988.706 $\pm$ 0.000 χ^2 /NDF: 52363367379197496459026096064200441856.0/15

+ sign 1070.262 $\pm$ 0.000 χ^2 /NDF: 99916514716999

Left Out: 1144.113 $\pm$ 0.000 χ^2 /NDF: 38807761881717464049242617775667544064.0/9

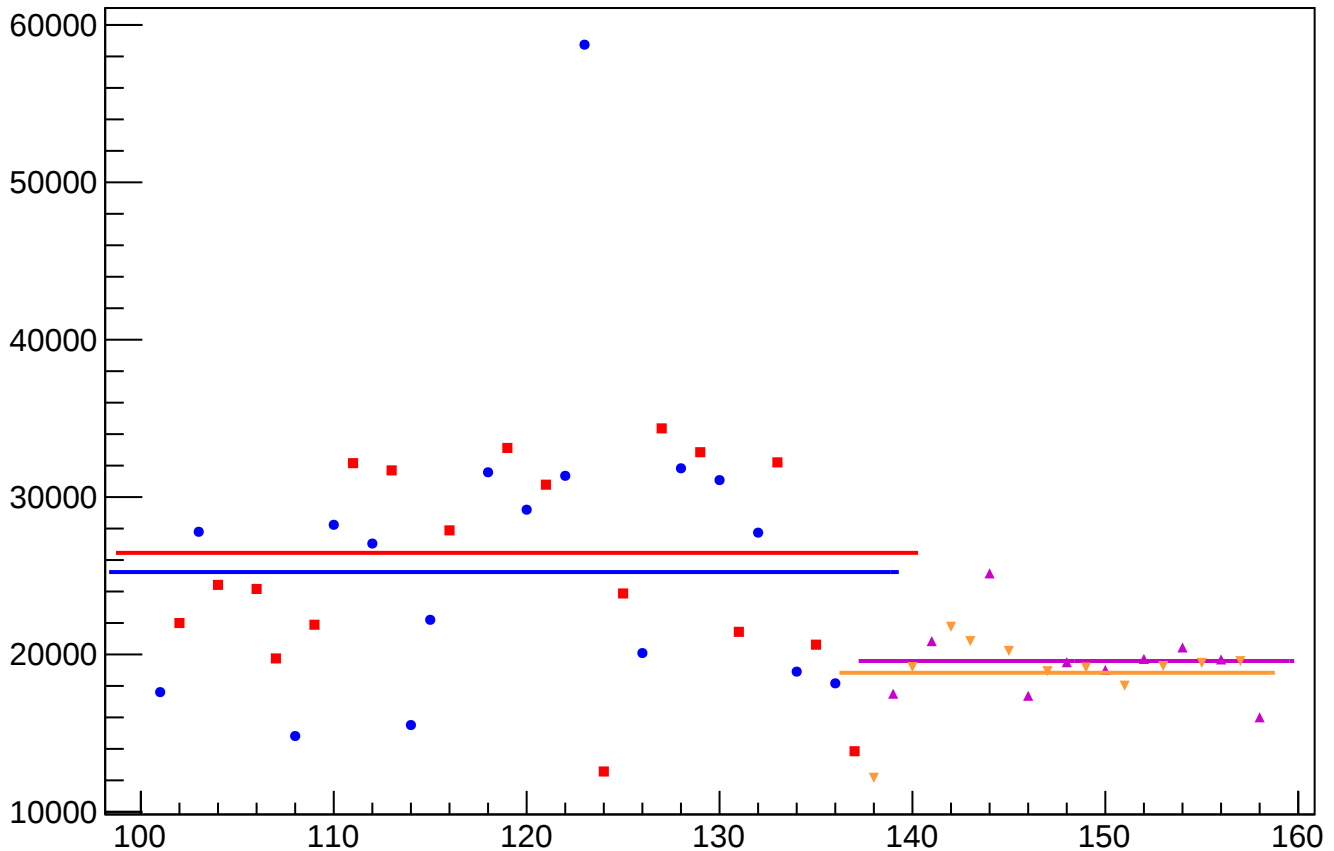
All: 1089.305 $\pm$ 0.000 χ^2 /NDF: 18494936832

Right Out: 981.352 $\pm$ 0.000 χ^2 /NDF: 48028000110939353209143459445919973376.0/16

- sign 1107.132 $\pm$ 0.000 χ^2 /NDF: 84013443598535

Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

dit_usr_coil7_mean vs Slug



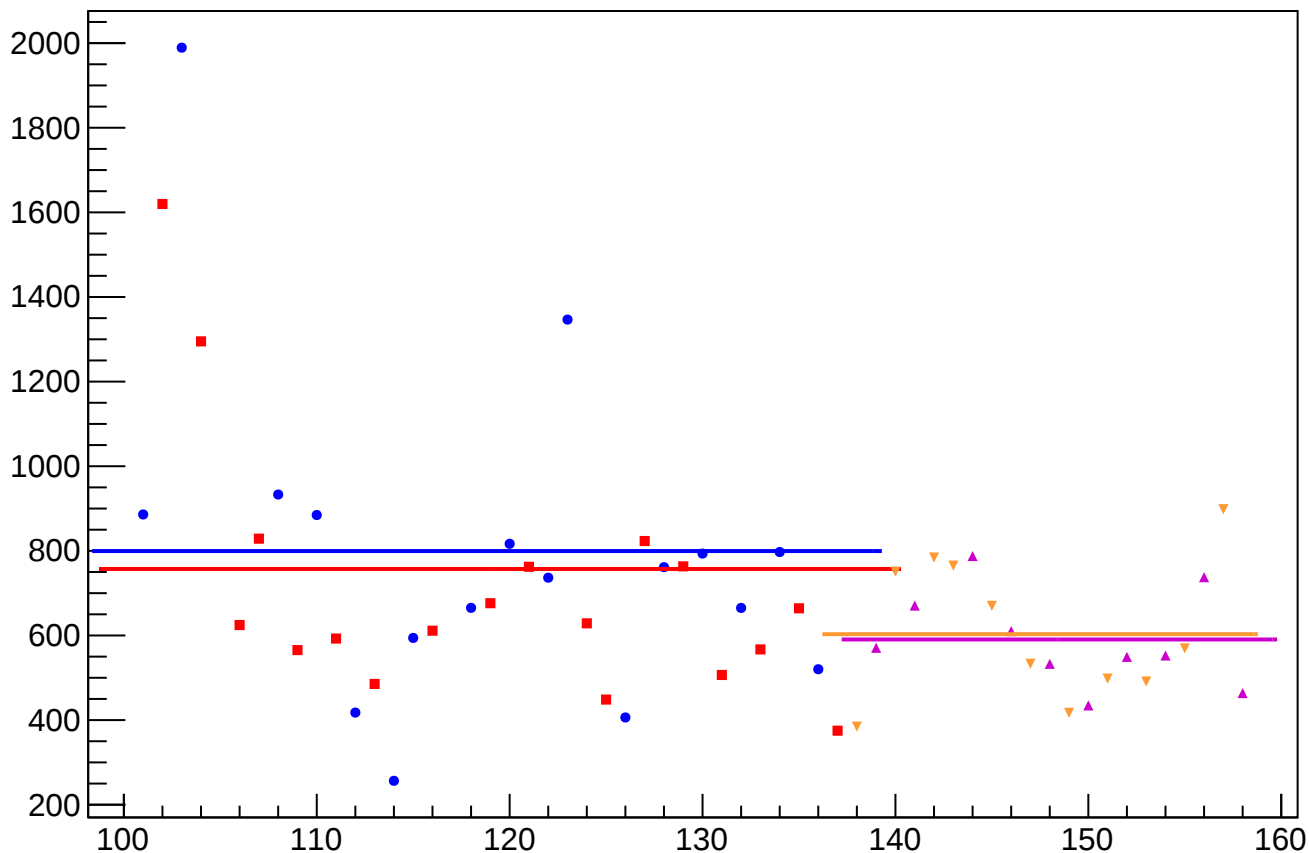
Right In: 25236.317+/-0.000	χ^2/NDF : 29071522213059582283269412071648973029376.0/16
Left Out: 18836.668+/-0.000	χ^2/NDF : 4447798587694486834455668520218989166592.0/10
Right Out: 26455.988+/-0.000	χ^2/NDF : 24365500126615965846523683173160051539968.0/17
Left In: 19584.273+/-0.000	χ^2/NDF : 4785181913709863369505953117239607558144.0/9

+ sign 21752.857+/-0.000 χ^2/NDF : 4899060494444

All: 22244.905+/-0.000 χ^2/NDF : 9720639342

- sign 22723.747+/-0.000 χ^2/NDF : 4748821555912

dit_usr_coil7_err_mean vs Slug



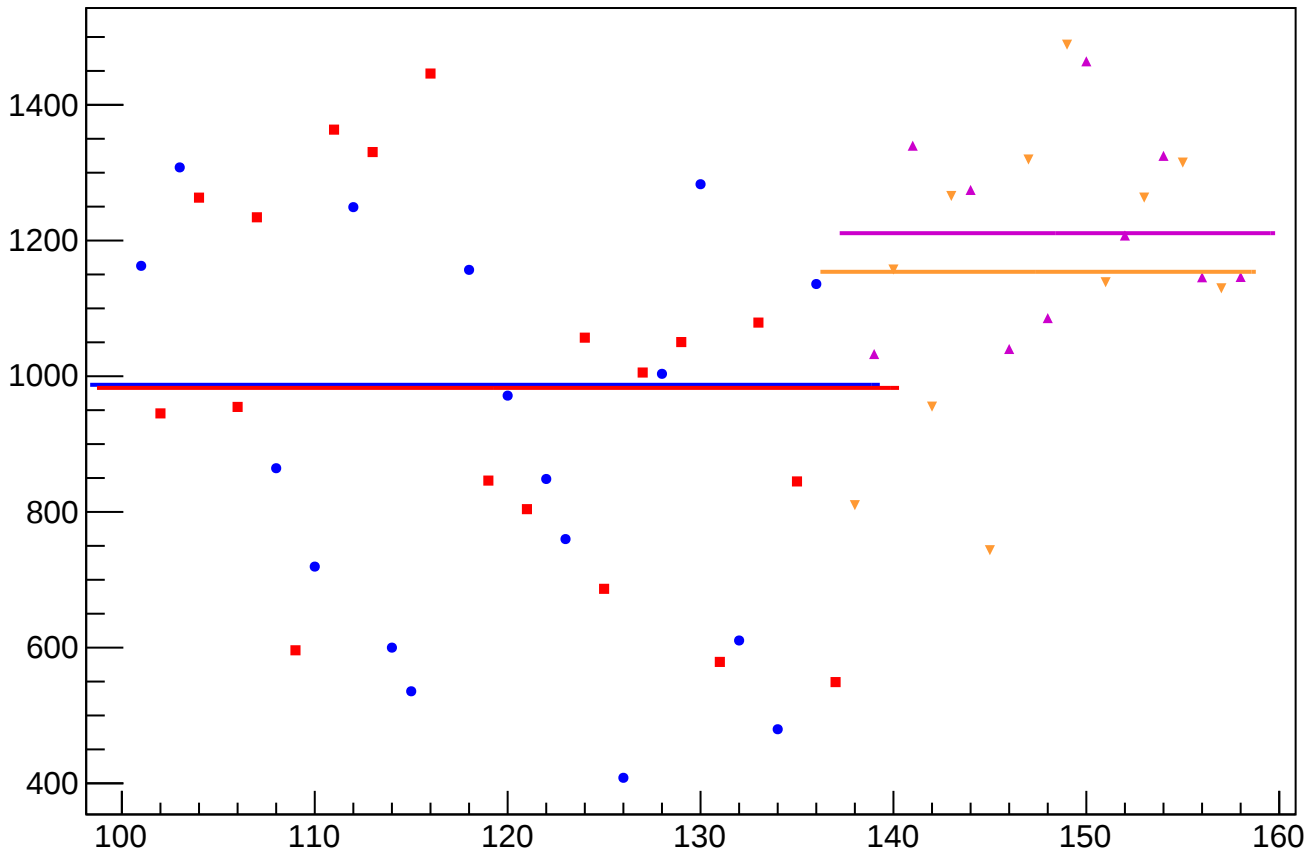
Right In: 799.524+/-0.000 χ^2/NDF : 112536154235498414231657645251770712064.0/16

Left Out: 603.054+/-0.000 χ^2/NDF : 20869816249107559982030263356737191936.0/10

Right Out: 757.193+/-0.000 χ^2/NDF : 76794158982285513543711222288246374400.0/17

Left In: 590.501+/-0.000 χ^2/NDF : 9869708486185303941261658179825041408.0/9

dit_usr_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

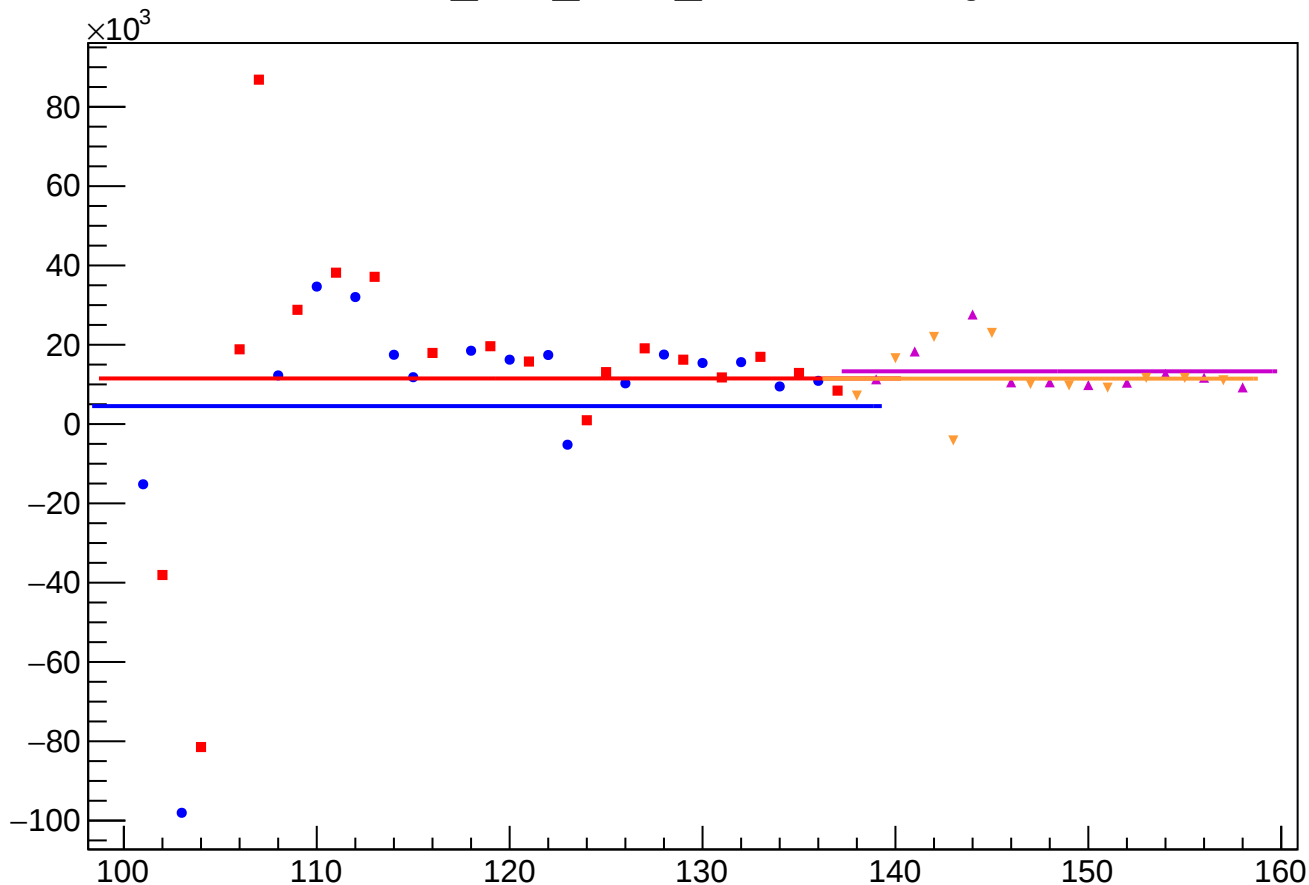
All: 1092.558+/-0.000 χ^2/NDF : 18744925336

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

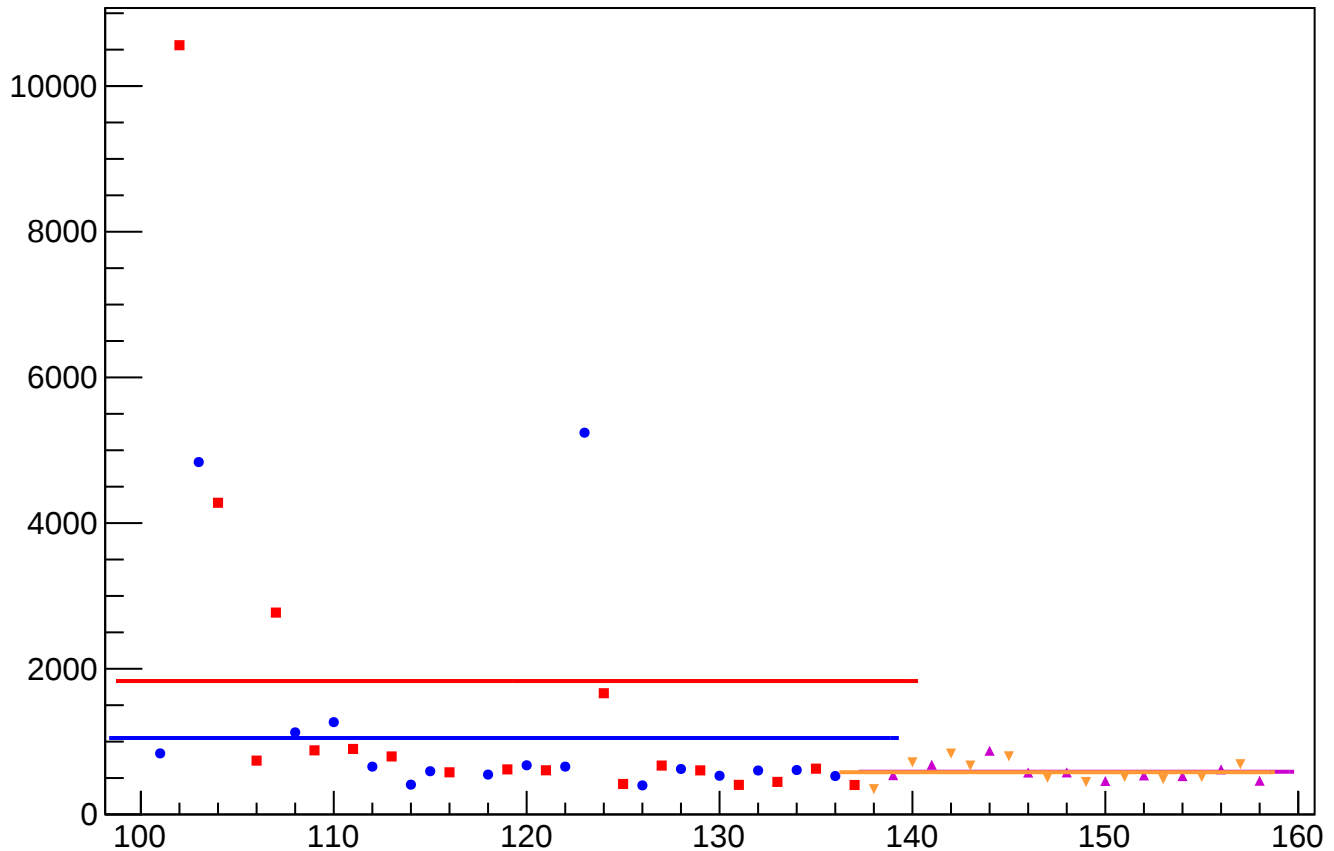
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

dit_atl1_coil7_mean vs Slug



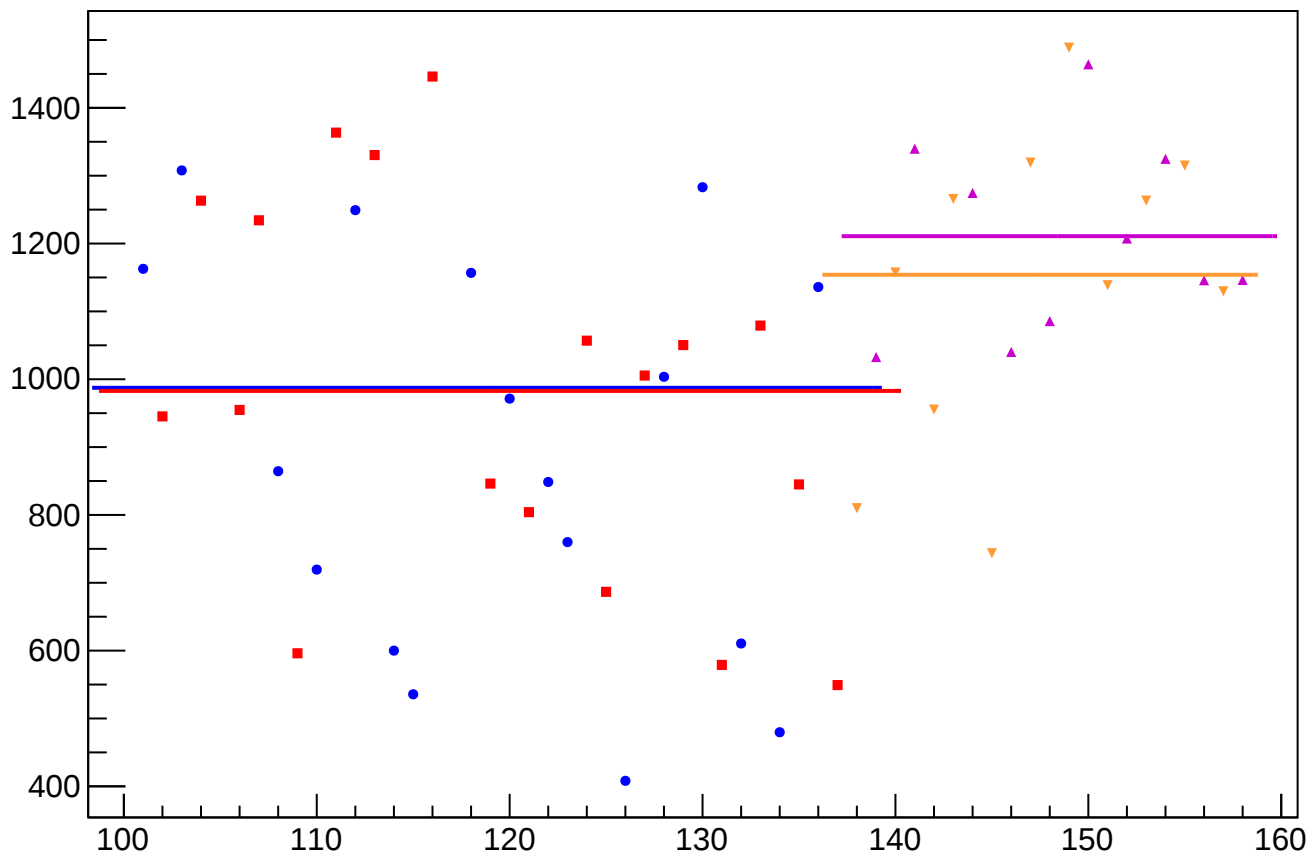
Right In: 4528.489+/-0.000 χ^2/NDF : 765984421186945141508299673026645807071232.0/16
 Left Out: 11457.526+/-0.000 χ^2/NDF : 36136509699574121622275663389654461186048.0/10
 Right Out: 11503.298+/-0.000 χ^2/NDF : 877839720750399952947204251622051720200192.0/17
 Left In: 13301.708+/-0.000 χ^2/NDF : 25396025276150900875508845275191732862976.0/9

dit_atl1_coil7_err_mean vs Slug



Right In: 1049.780 +/- 0.000 χ^2/NDF : 1038421858157169578640574748223478956032.0/16
 Left Out: 580.269 +/- 0.000 χ^2/NDF : 17293726794475015164209509380562878464.0/10
 Right Out: 1831.763 +/- 0.000 χ^2/NDF : 5560667897153995144780835972954558824448.0/17
 Left In: 586.404 +/- 0.000 χ^2/NDF : 11691071767441802338141466938549731328.0/9

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

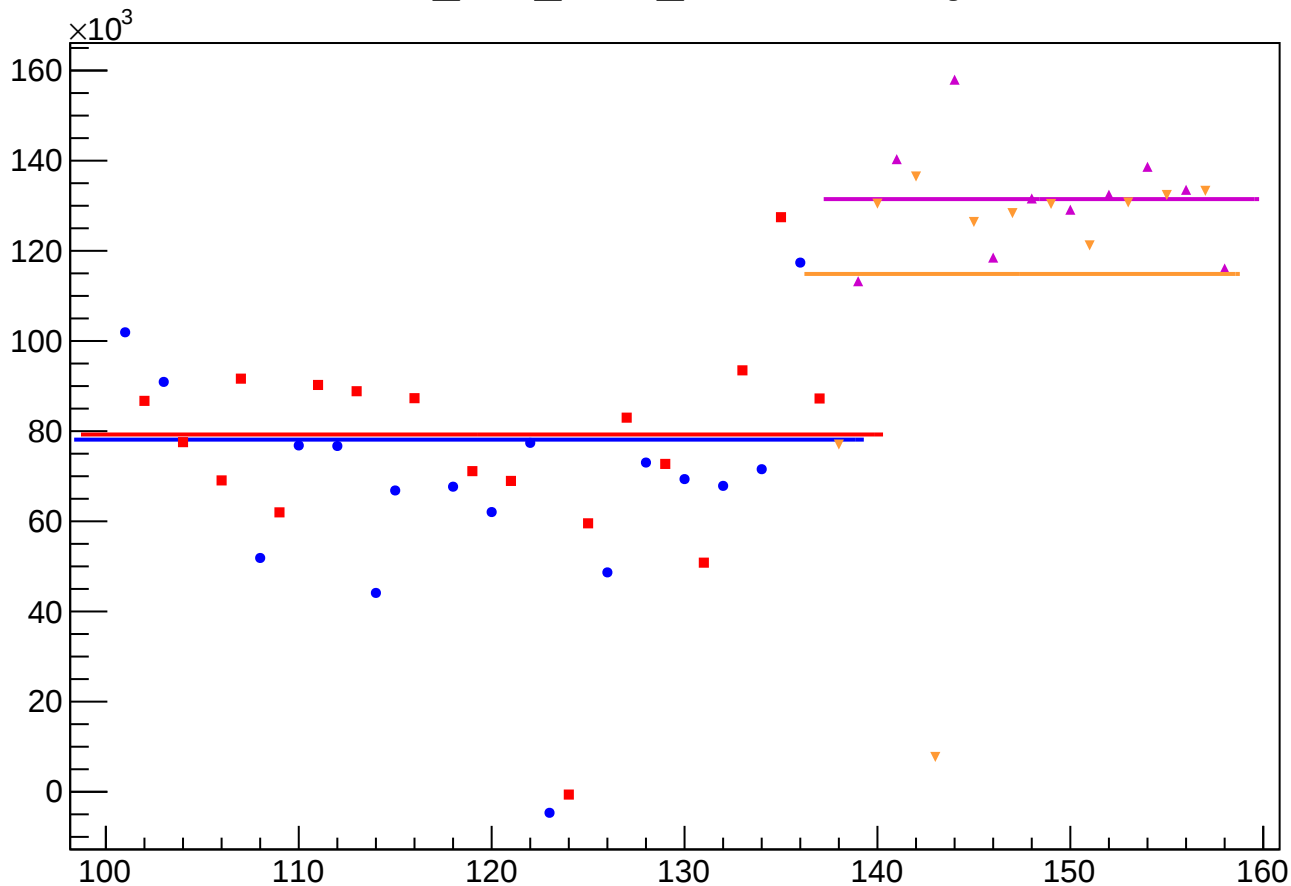
All: 1092.558+/-0.000 χ^2/NDF : 18744925336

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

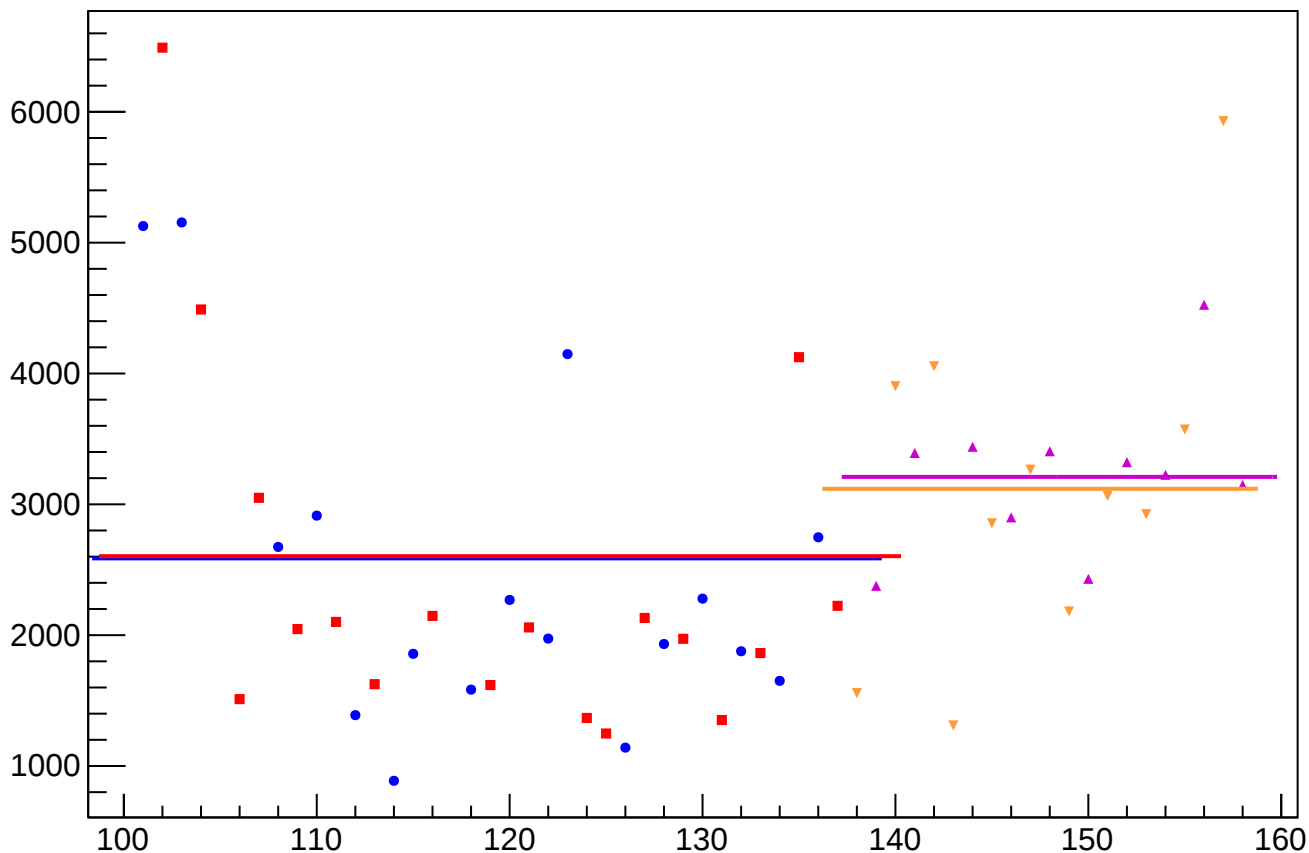
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

dit_atl2_coil7_mean vs Slug



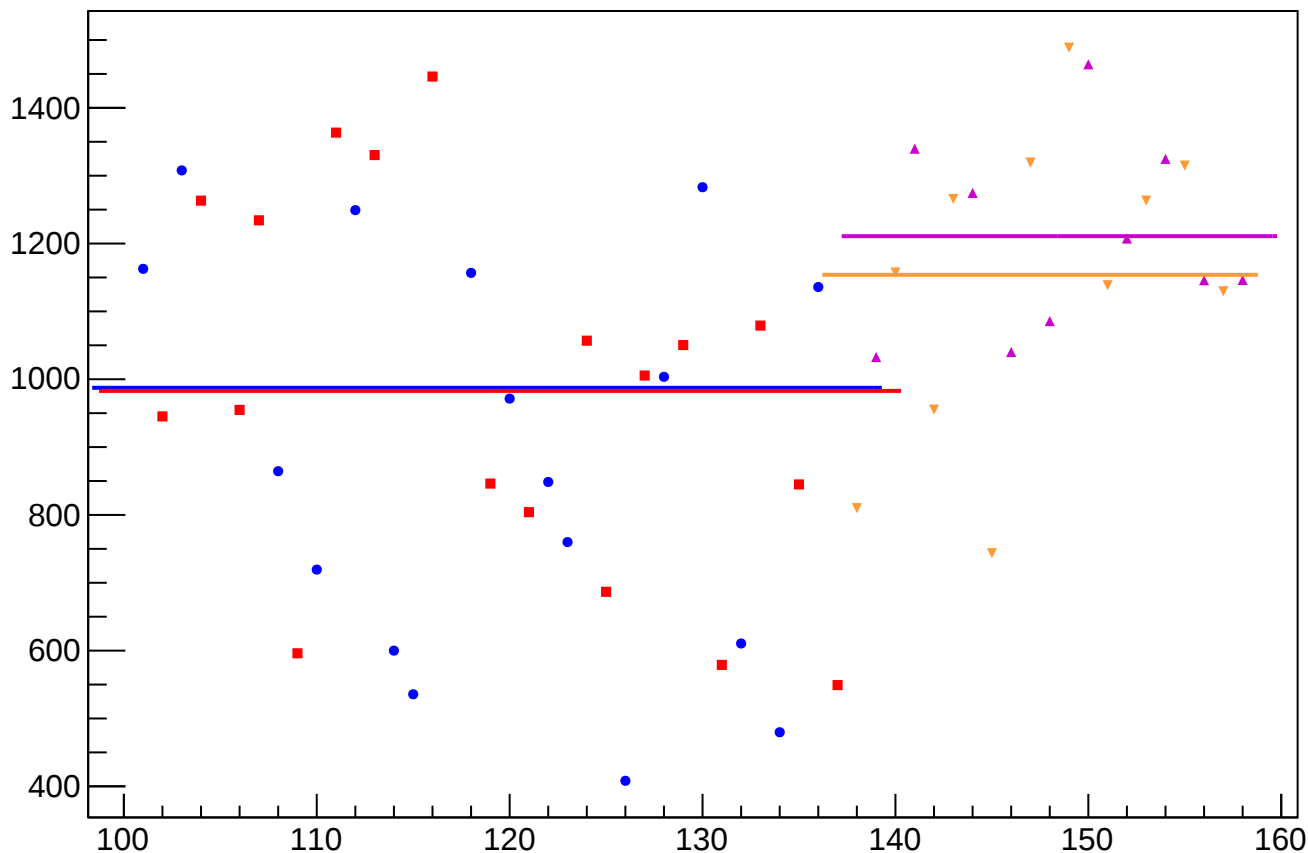
Right In: 78120.227 $\pm$ 0.000 χ^2 /NDF: 308820964030920149649775995002991312633856.0/16
 Left Out: 114873.355 $\pm$ 0.000 χ^2 /NDF: 1041224750525159563578490195644636056256512.0/10
 Right Out: 79260.499 $\pm$ 0.000 χ^2 /NDF: 303215964703866066986504542190112711114752.0/17
 Left In: 131474.741 $\pm$ 0.000 χ^2 /NDF: 134658499503968909655304316049604923621376.0/9

dit_atl2_coil7_err_mean vs Slug



Right In: 2586.924+/-0.000 χ^2/NDF : 1122415737488478857695553804598689923072.0/16
 Left Out: 3118.666+/-0.000 χ^2/NDF : 1185369379019248644402728506851606921216.0/10
 Right Out: 2603.762+/-0.000 χ^2/NDF : 1547340202870581842616287406625719844864.0/17
 Left In: 3209.718+/-0.000 χ^2/NDF : 270027241182900051949814910112113885184.0/9

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

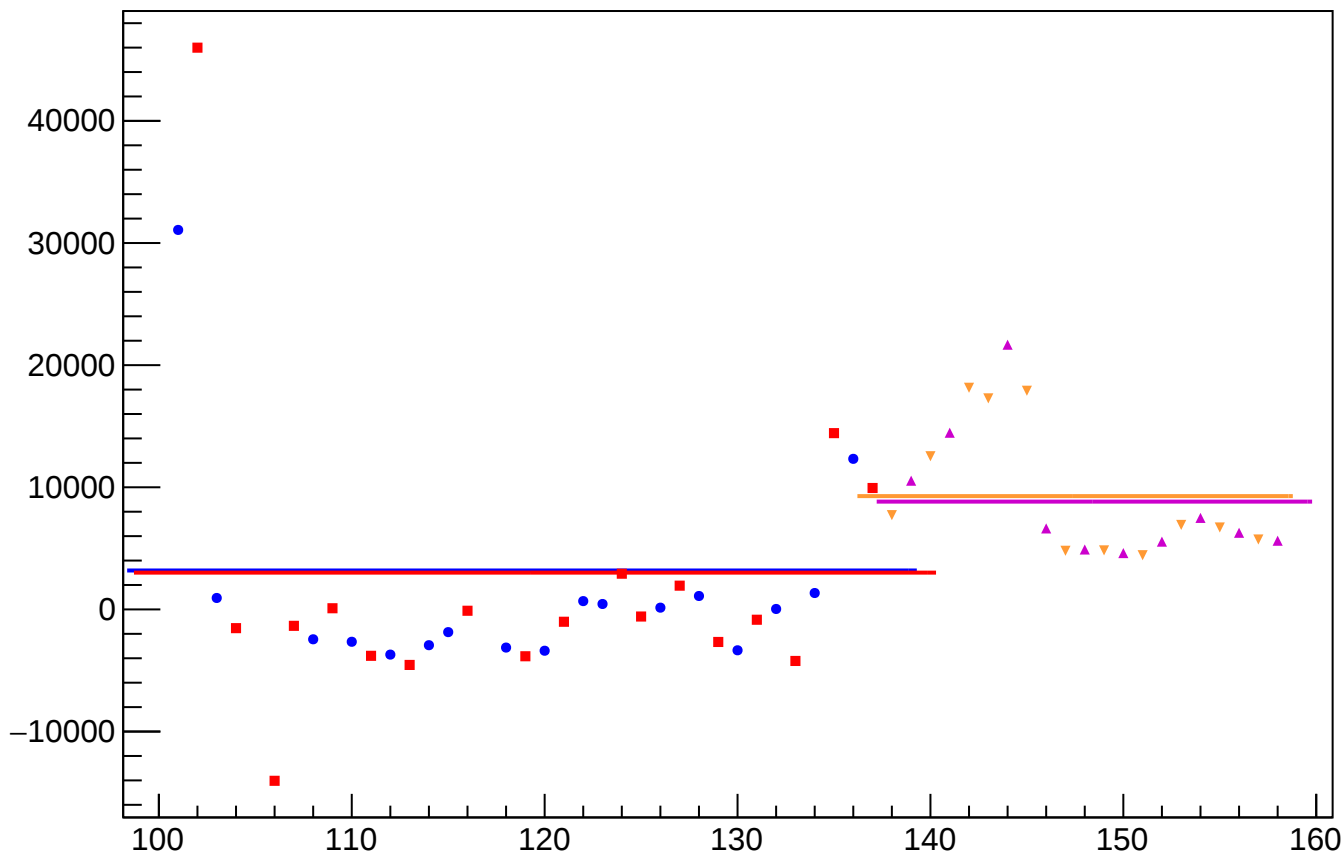
All: 1092.558+/-0.000 χ^2/NDF : 18744925336

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

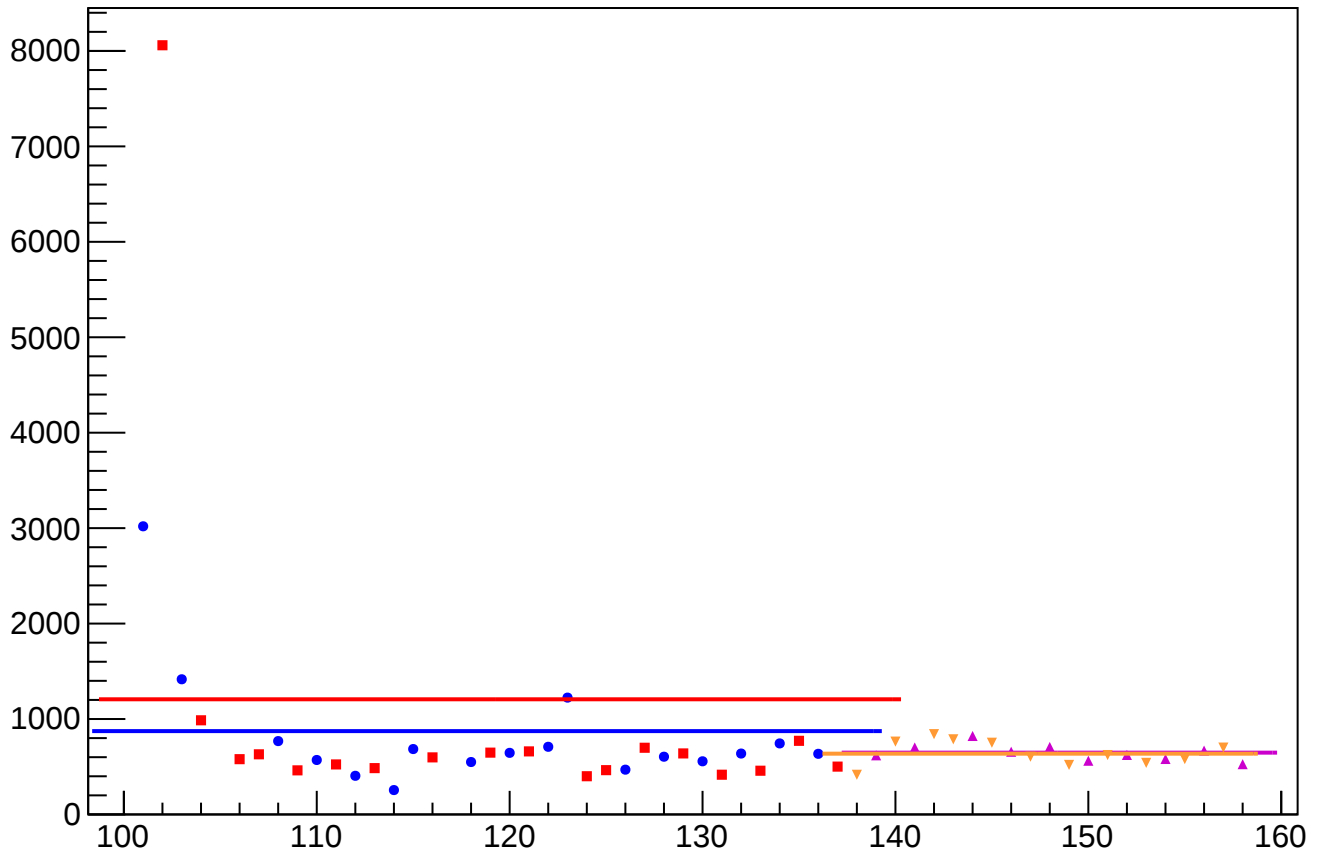
dit_atr1_coil7_mean vs Slug



Right In: 3187.051+/-0.000	χ^2/NDF : 66270389171193911836791515591398561677312.0/16
Left Out: 9276.657+/-0.000	χ^2/NDF : 21739914722719774661487807466787546595328.0/10
Right Out: 3012.400+/-0.000	χ^2/NDF : 138157018088298657463529912150565226283008.0/17
Left In: 8826.351+/-0.000	χ^2/NDF : 23385058581707869412474109969417635889152.0/9

+ sign 6501.748+/-0.000 χ^2/NDF : 10201883286807
 All: 6333.687+/-0.000 χ^2/NDF : 27677241933
 - sign 6170.137+/-0.000 χ^2/NDF : 17466870884266

dit_atr1_coil7_err_mean vs Slug



Right In: 873.306+/-0.000 χ^2/NDF : 340993590653355605867273192516364533760.0/16

Left Out: 636.885+/-0.000 χ^2/NDF : 12205878641717013308556187510109110272.0/10

Right Out: 1206.661+/-0.000 χ^2/NDF : 2979483538609797767268010500388070359040.0/17

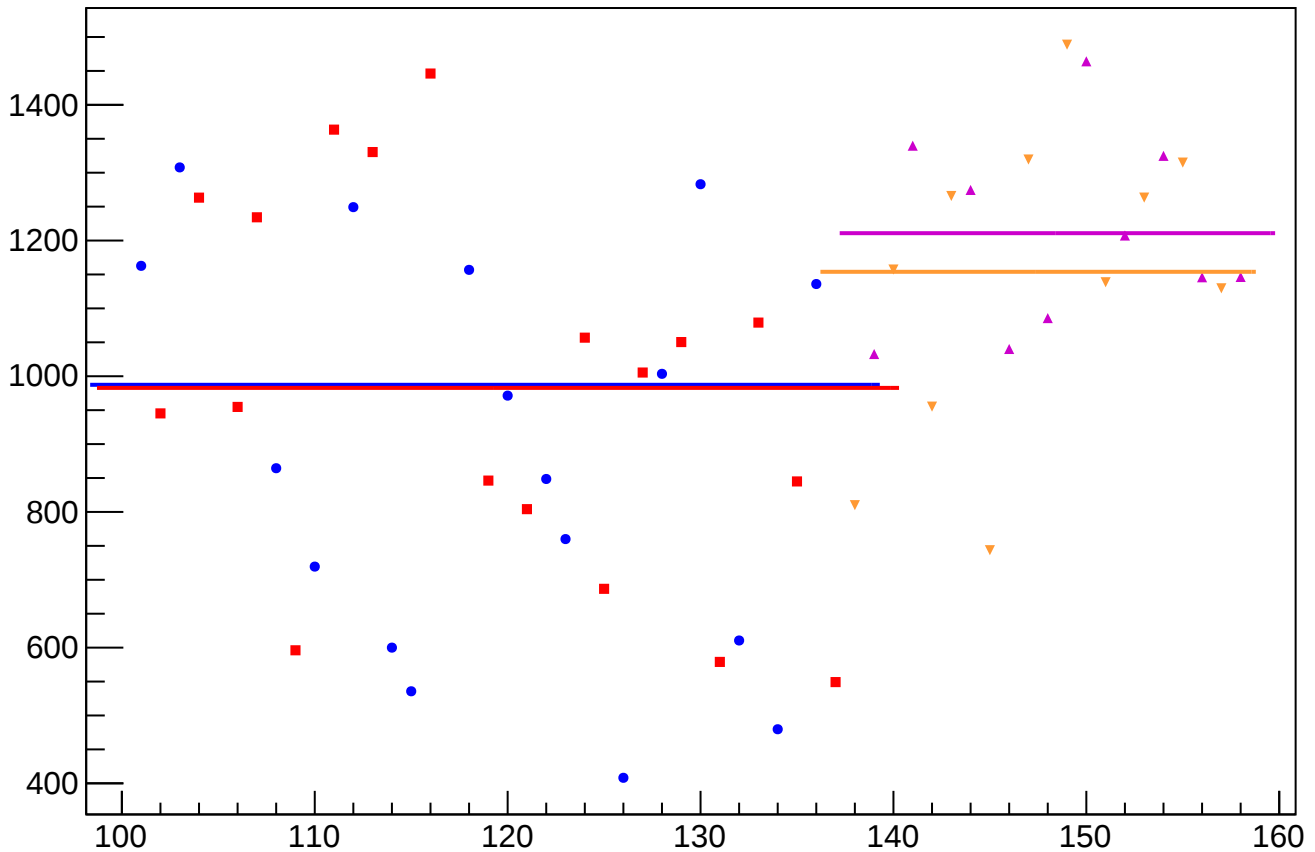
Left In: 647.625+/-0.000 χ^2/NDF : 5647804062504906921777096922924843008.0/9

+ sign 744.617+/-0.000 χ^2/NDF : 374314103094079

All: 824.902+/-0.000 χ^2/NDF : 350017947078

- sign 903.031+/-0.000 χ^2/NDF : 310649563772268

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

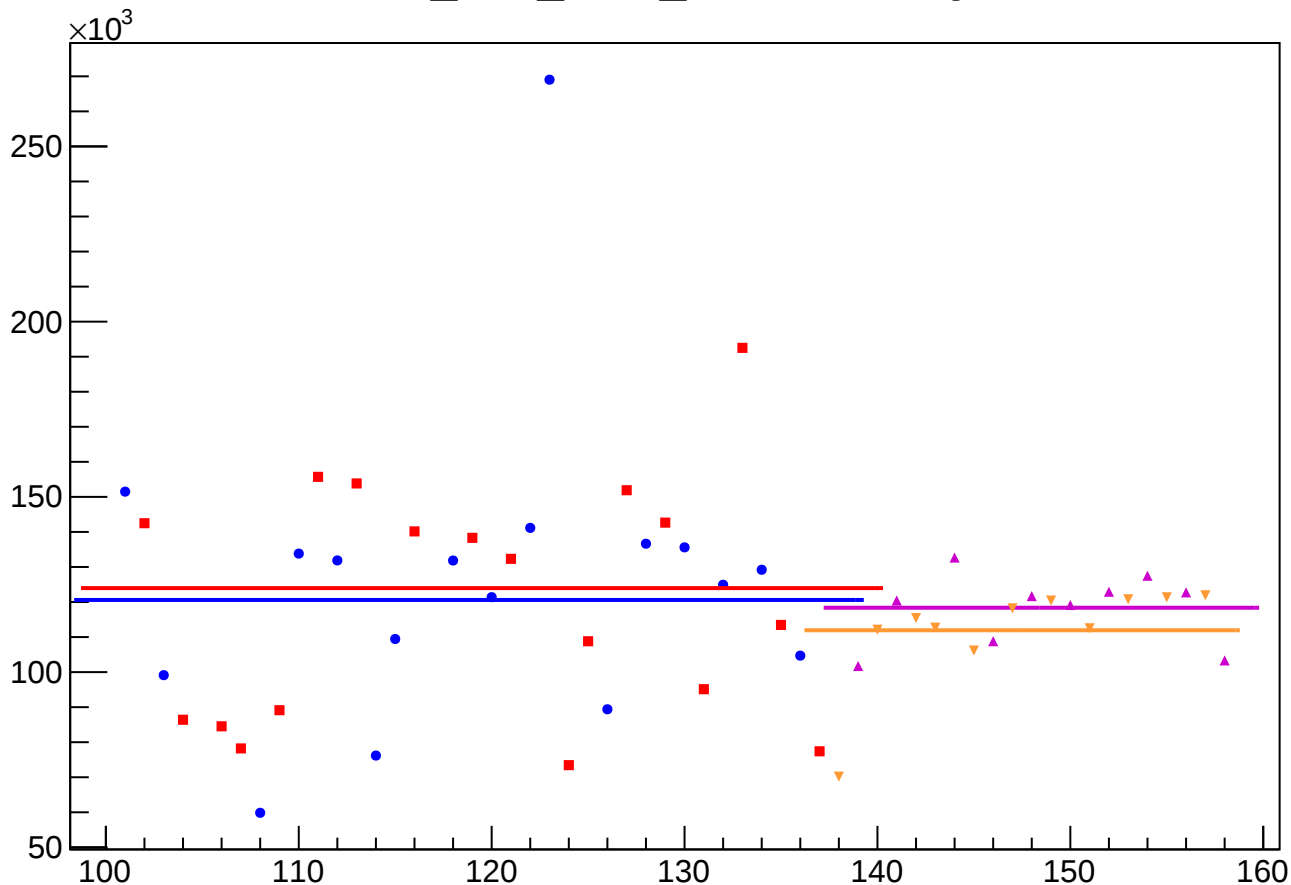
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

All: 1092.558+/-0.000 χ^2/NDF : 18744925336

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

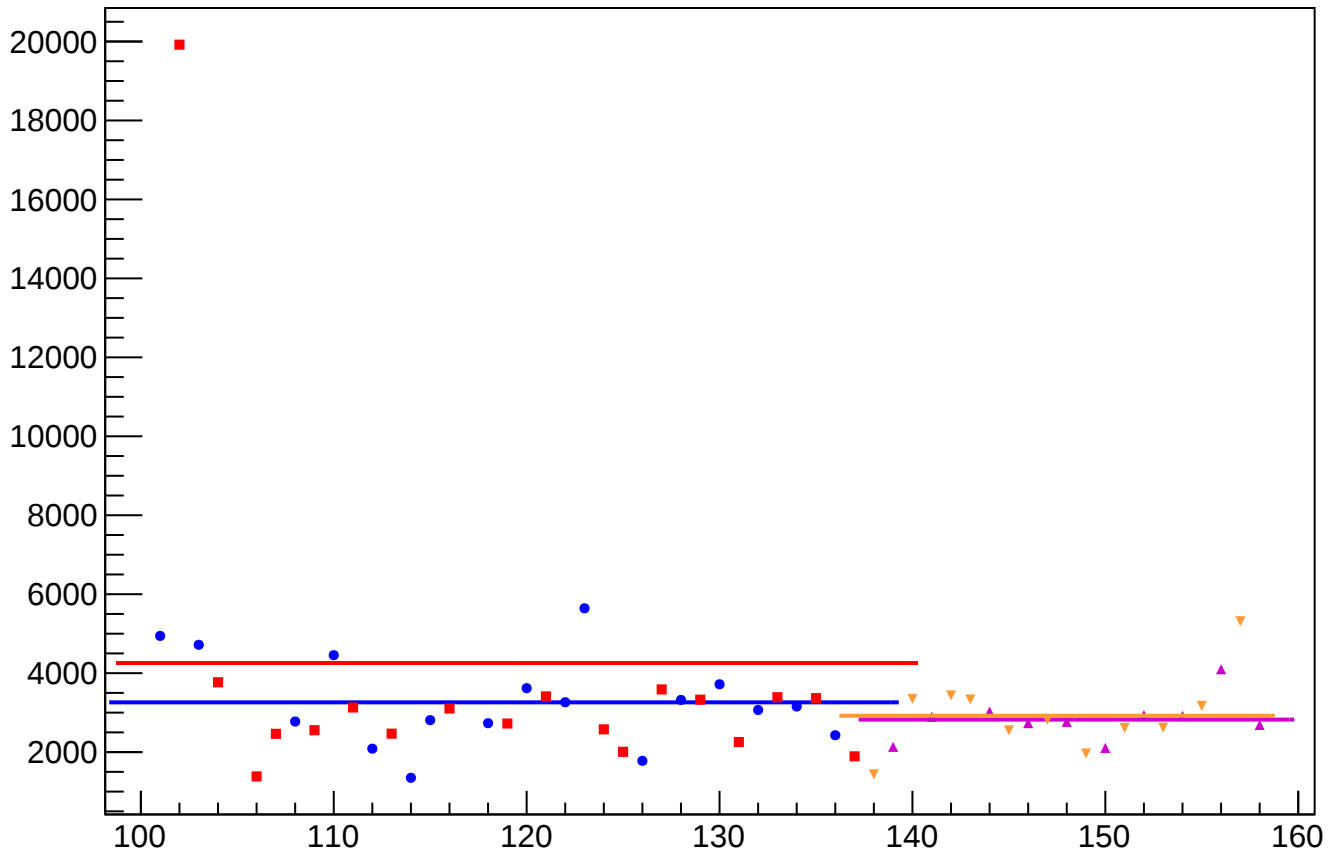
dit_atr2_coil7_mean vs Slug



Right In: 120586.708 $\pm$ 0.000	χ^2 /NDF: 463702909226593065118055925390873188106240.0/16
Left Out: 111940.411 $\pm$ 0.000	χ^2 /NDF: 169409034694261237642285190855711971606528.0/10
Right Out: 123970.573 $\pm$ 0.000	χ^2 /NDF: 754871099831913254311543250015602251661312.0/17
Left In: 118371.172 $\pm$ 0.000	χ^2 /NDF: 78658056187560728365679669478295760535552.0/9

+ sign 115880.352 $\pm$ 0.000 χ^2 /NDF: 661352575673
 All: 118439.195 $\pm$ 0.000 χ^2 /NDF: 15267340
 - sign 120929.365 $\pm$ 0.000 χ^2 /NDF: 845704850841

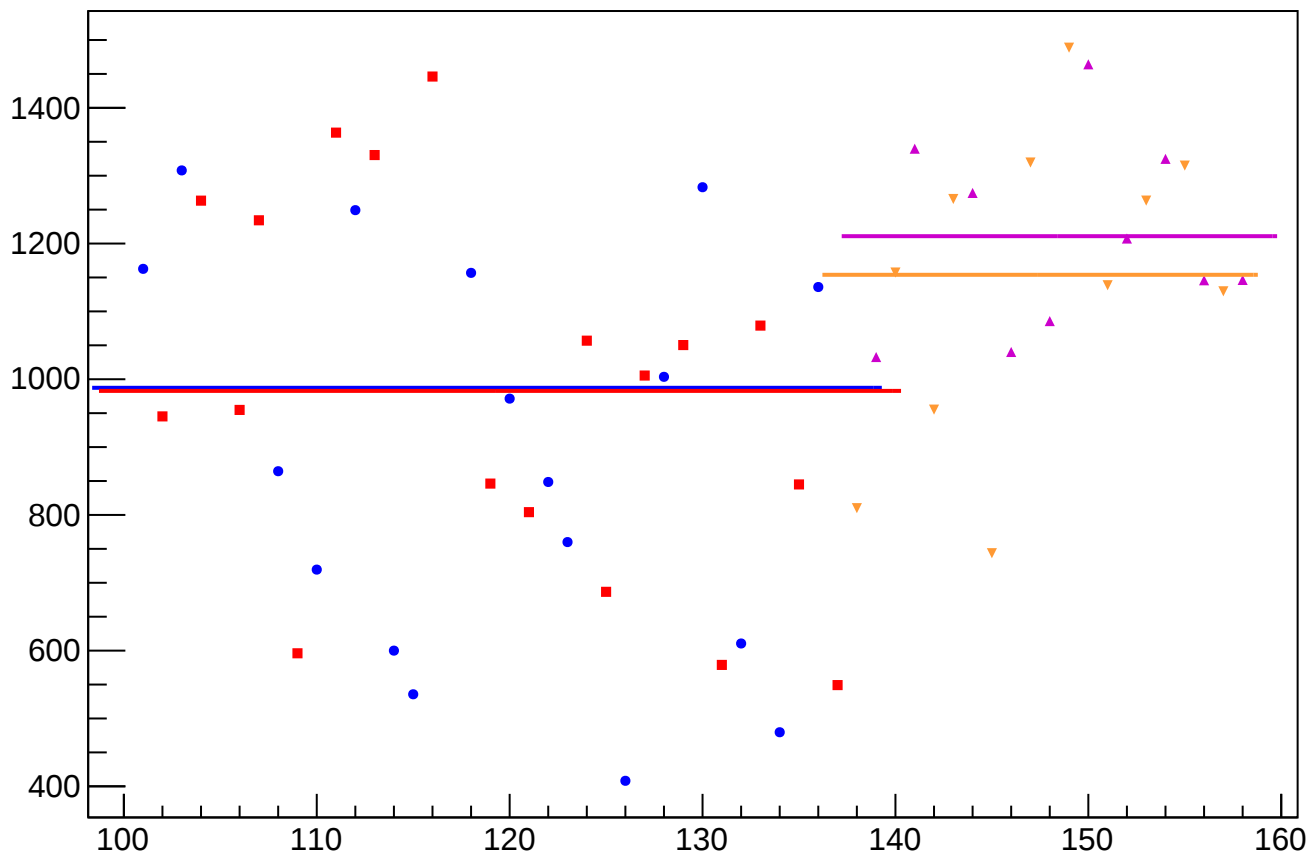
dit_atr2_coil7_err_mean vs Slug



Right In: 3260.820+/-0.000	χ^2/NDF : 672456168638567614426723356415113560064.0/16
Left Out: 2922.218+/-0.000	χ^2/NDF : 742875232835921675670505049314476163072.0/10
Right Out: 4256.861+/-0.000	χ^2/NDF : 15744364448860197338037677656678376407040.0/17
Left In: 2823.813+/-0.000	χ^2/NDF : 224066078376575205751857962528746242048.0/9

+ sign 3076.512+/-0.000 χ^2/NDF : 14586417978804.0/10
 All: 3280.254+/-0.000 χ^2/NDF : 18349319649.0/10
 - sign 3478.528+/-0.000 χ^2/NDF : 16765932715673.0/10

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

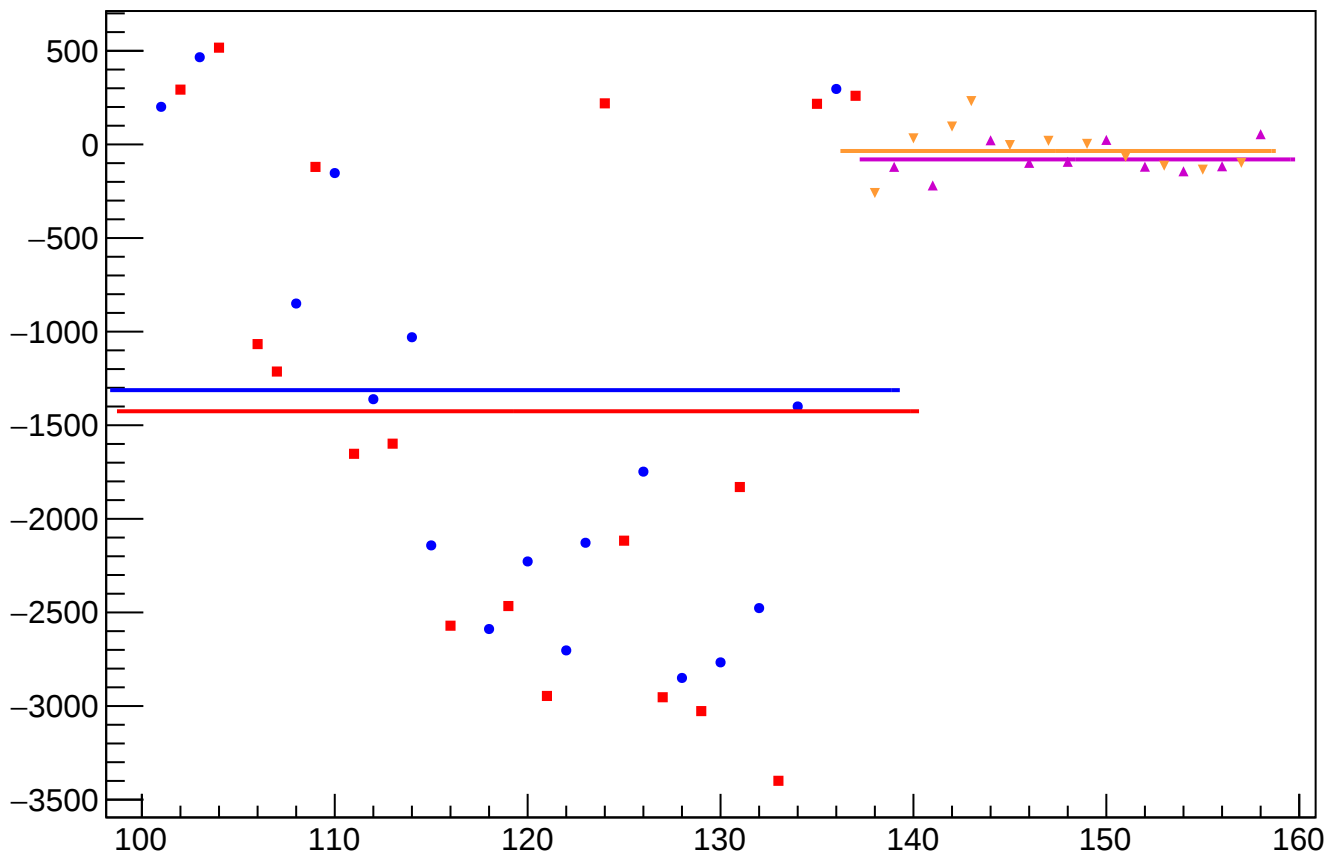
All: 1092.558+/-0.000 χ^2/NDF : 18744925336

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

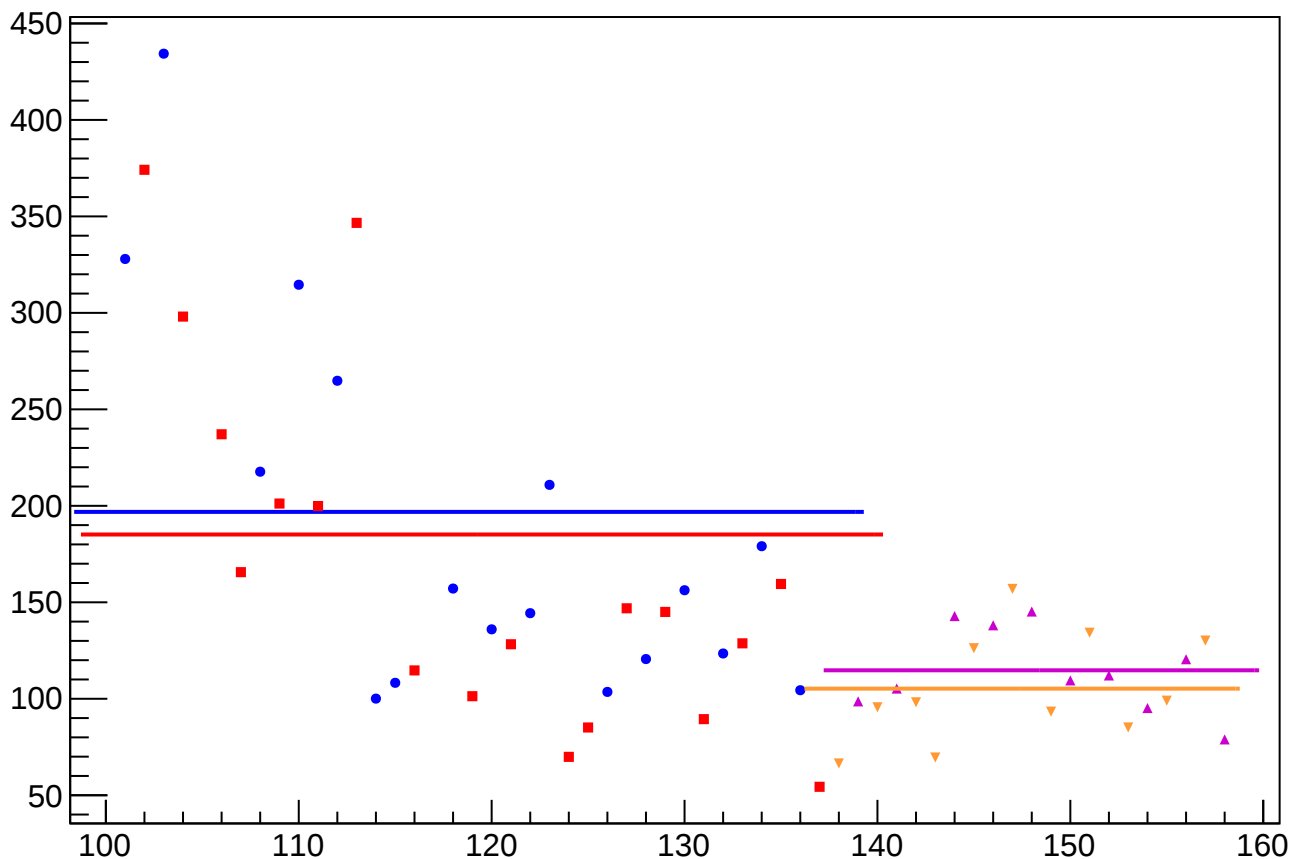
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

dit_sam1_coil7_mean vs Slug



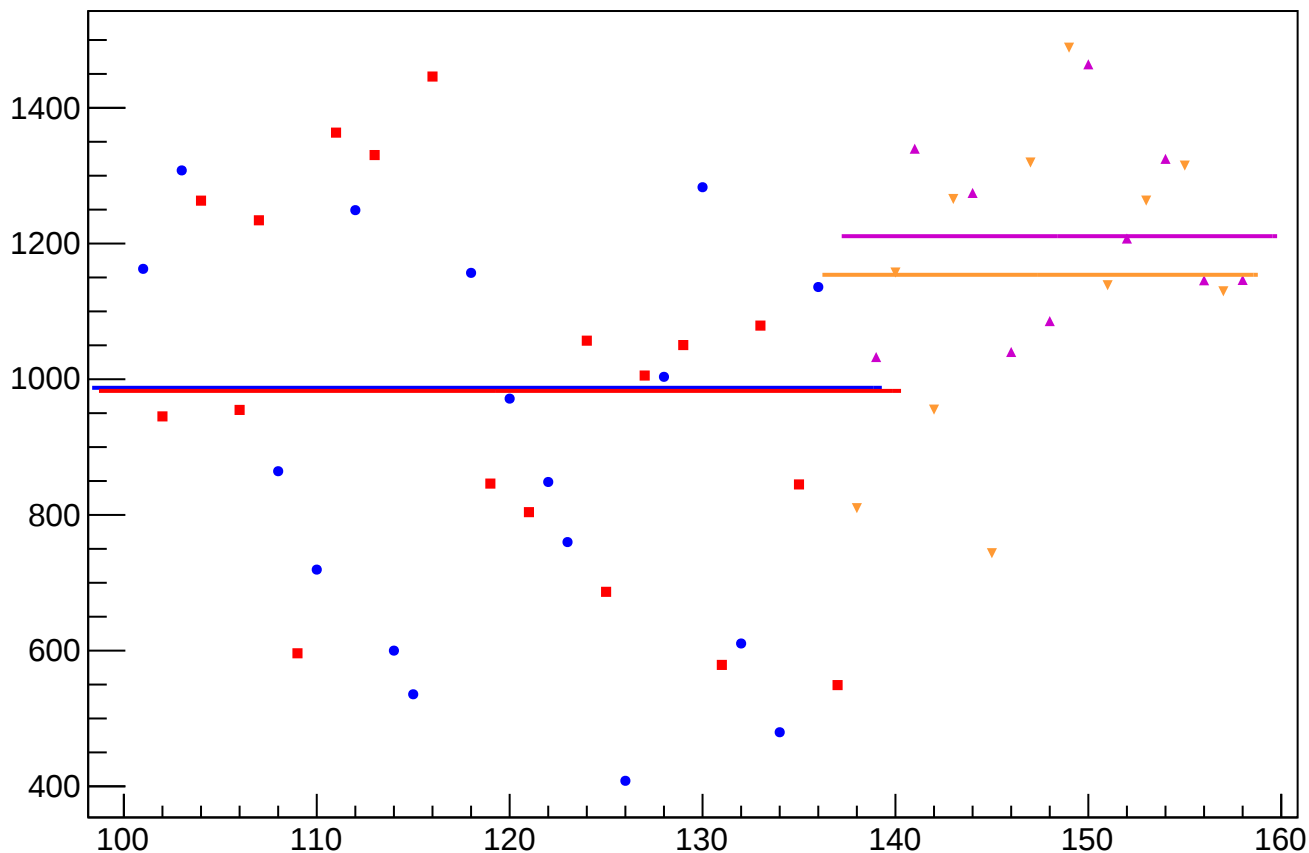
Right In: -1312.539+/-0.000 χ^2/NDF : 1111791822009253468495433607153226612736.0/16
 + sign -617.159+/-0.000 χ^2/NDF : 17402799881197
 Left Out: -35.019+/-0.000 χ^2/NDF : 11965480454505709166120326291316015104.0/10
 All: -656.442+/-0.000 χ^2/NDF : 37132649939
 Right Out: -1425.319+/-0.000 χ^2/NDF : 1259772432394270570555753847649915109376.0/17
 - sign -694.670+/-0.000 χ^2/NDF : 196834765328273
 Left In: -80.066+/-0.000 χ^2/NDF : 5797039301130866093842781120745177088.0/9

dit_sam1_coil7_err_mean vs Slug



Right In: 196.858+/-0.000	χ^2/NDF : 7337666778319090402870822115647422464.0/16	+ sign 146.994+/-0.000	χ^2/NDF : 111231311661503
Left Out: 105.250+/-0.000	χ^2/NDF : 615302153667110192932064073506357248.0/10	All: 146.951+/-0.000	χ^2/NDF : 195731490789
Right Out: 185.135+/-0.000	χ^2/NDF : 6160706554997434160213032977968398336.0/17	- sign 146.910+/-0.000	χ^2/NDF : 845001246488088
Left In: 114.755+/-0.000	χ^2/NDF : 365702553475610366845625123624452096.0/9		

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

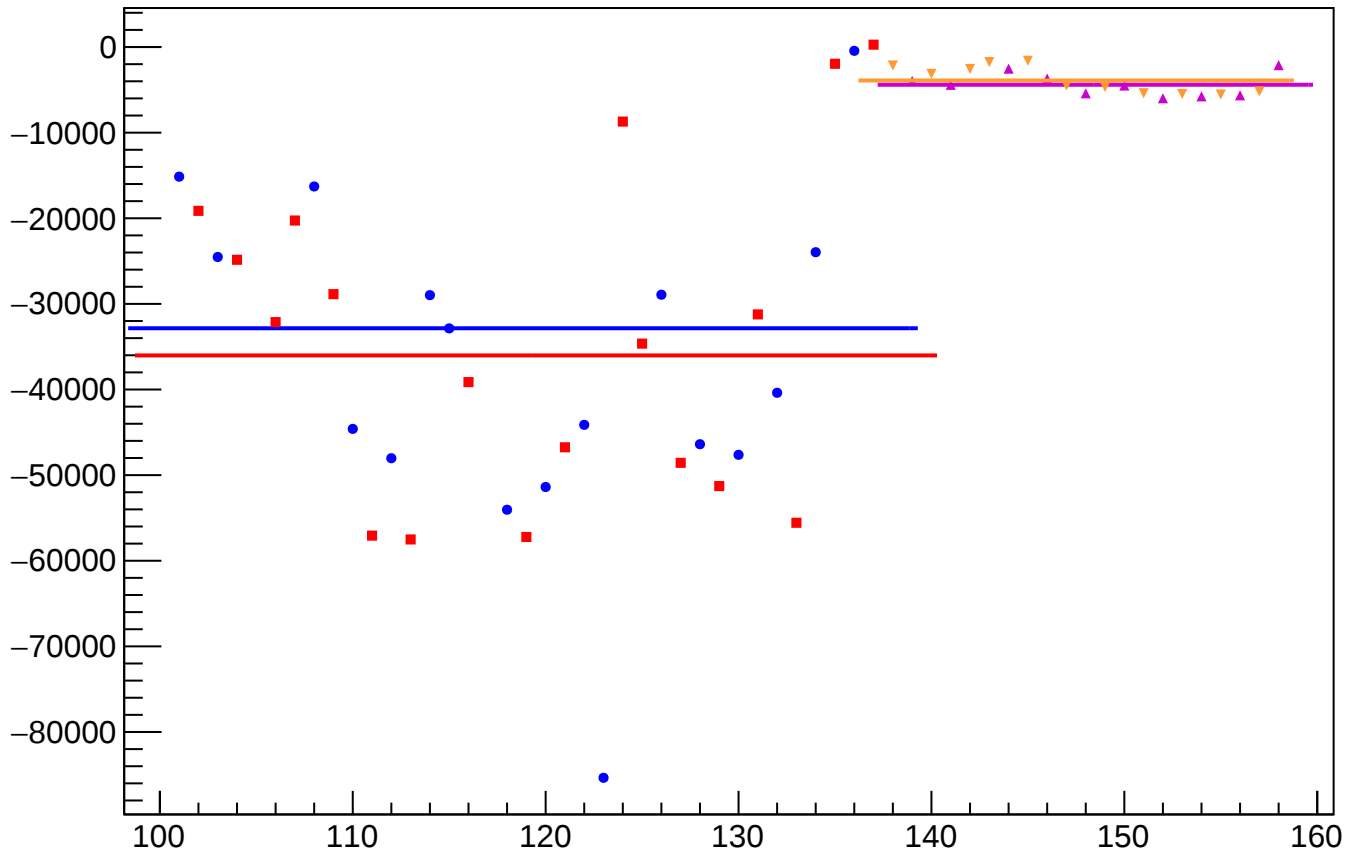
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

All: 1092.558+/-0.000 χ^2/NDF : 18744925336

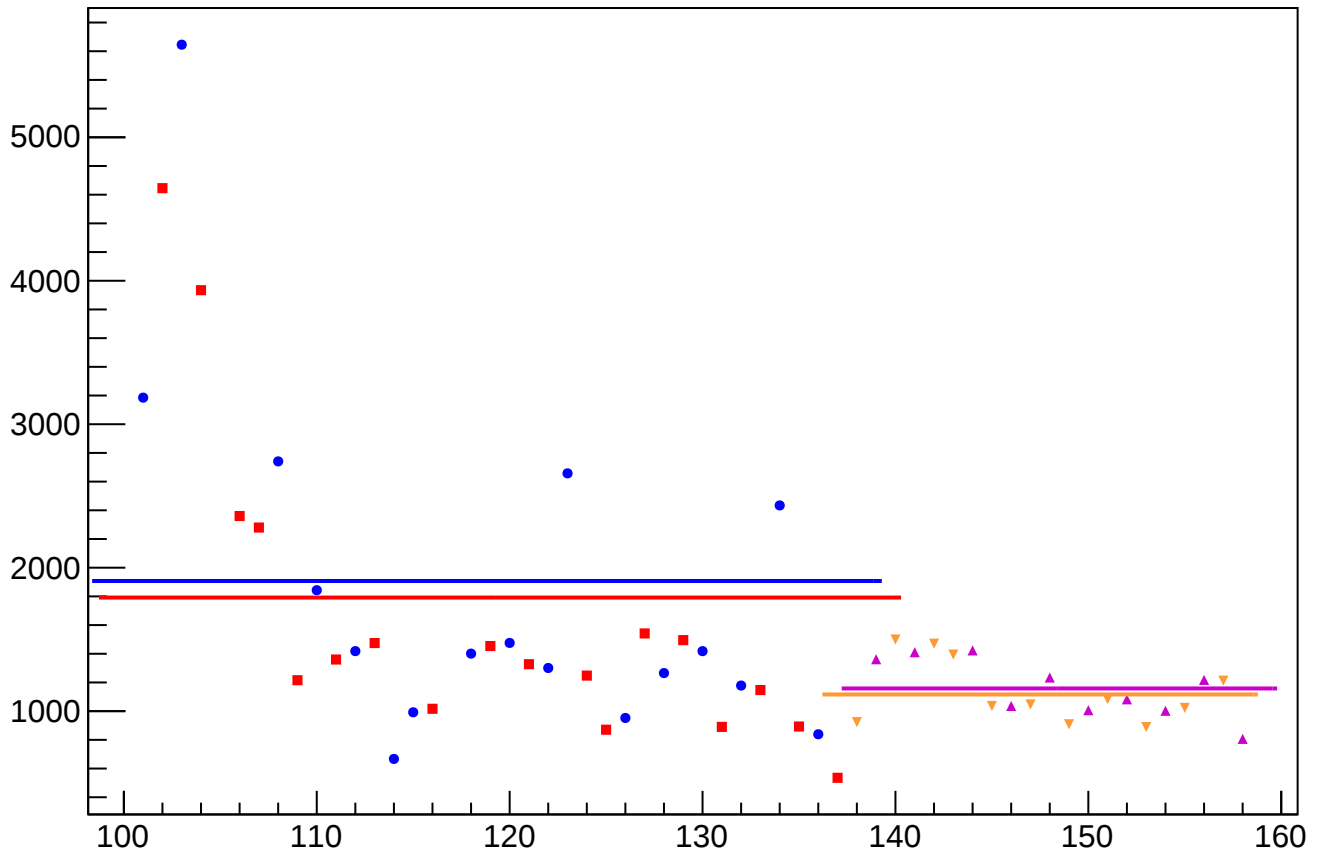
- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

dit_sam2_coil7_mean vs Slug



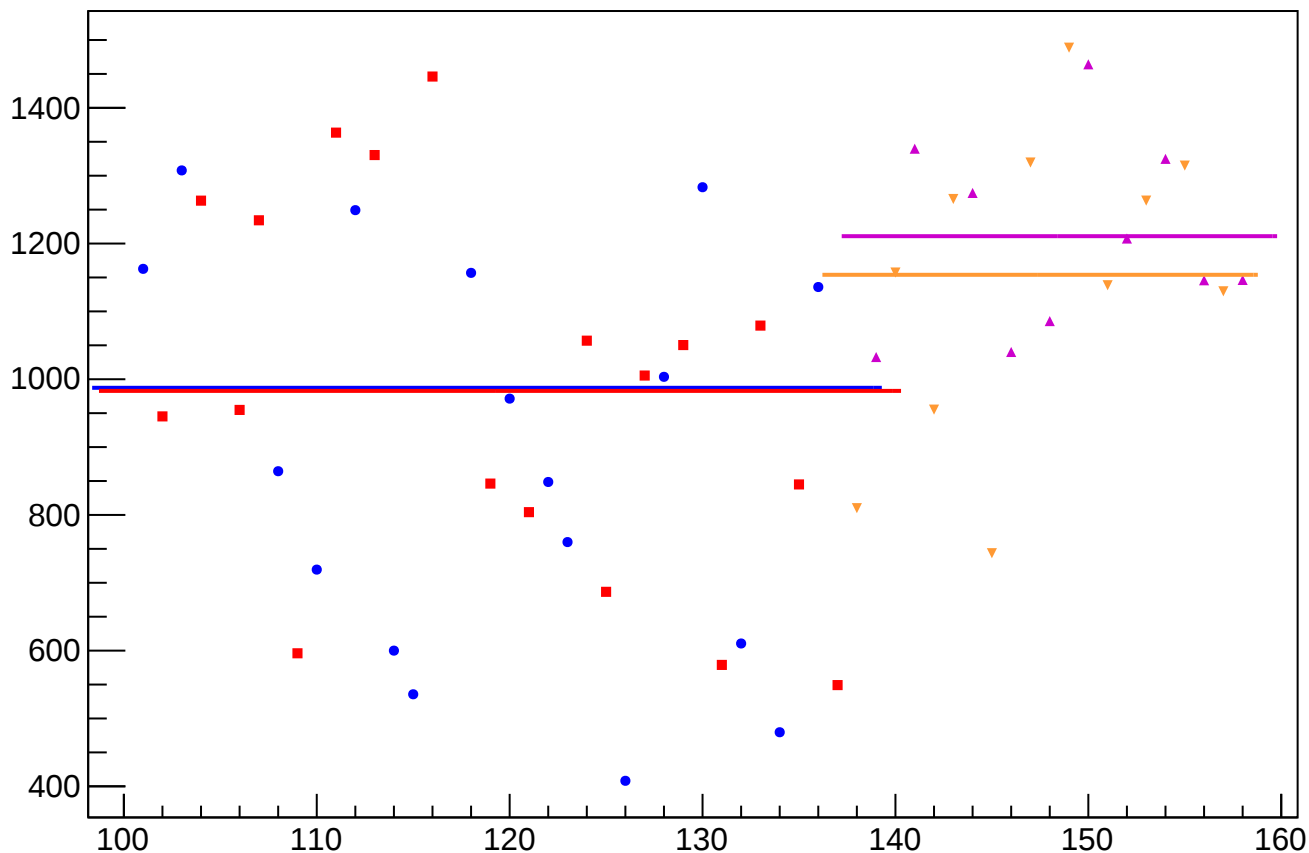
Right In: -32846.038+/-0.000 χ^2/NDF : 219637368732777746312600570455176987541504.0/16
 + sign -17093.437+/-0.000 χ^2/NDF : 537904704502
 Left Out: -3906.097+/-0.000 χ^2/NDF : 1887083748306040098999186918759527874560.0/10
 All: -17982.569+/-0.000 χ^2/NDF : 115863395
 Right Out: -36017.918+/-0.000 χ^2/NDF : 228867649175680979480074989628486510968832.0/17
 - sign -18847.839+/-0.000 χ^2/NDF : 6183535289279
 Left In: -4404.772+/-0.000 χ^2/NDF : 1383742706802925511794404467401363030016.0/9

dit_sam2_coil7_err_mean vs Slug



Right In: 1907.271+/-0.000 χ^2/NDF : 1224904405299911350916968067746563620864.0/16
 Left Out: 1116.331+/-0.000 χ^2/NDF : 36248333246031248610772995469855424512.0/10
 Right Out: 1791.825+/-0.000 χ^2/NDF : 941640864566938486349149292441762791424.0/17
 Left In: 1158.136+/-0.000 χ^2/NDF : 31801035968695642449946847741179068416.0/9

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

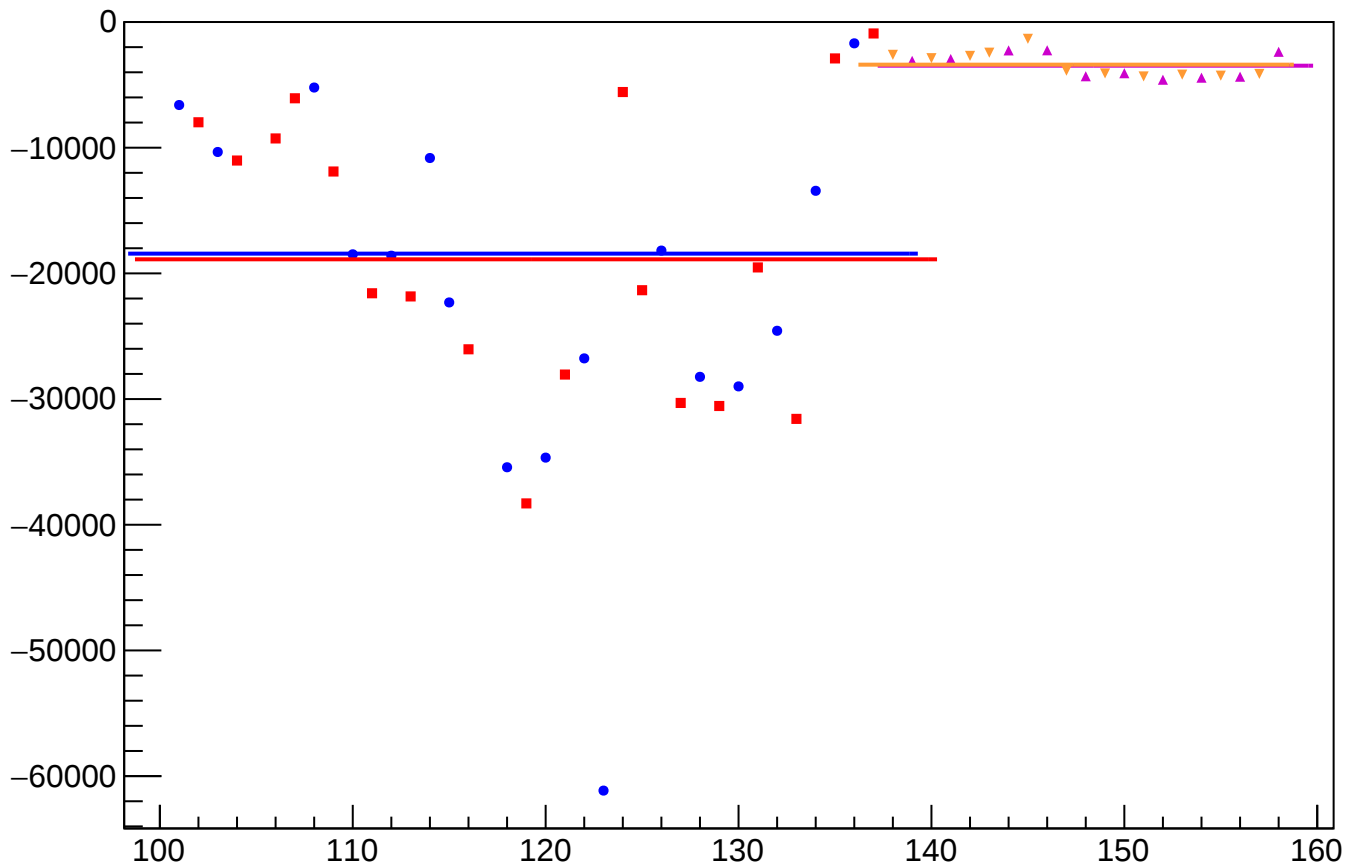
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

All: 1092.558+/-0.000 χ^2/NDF : 18744925336

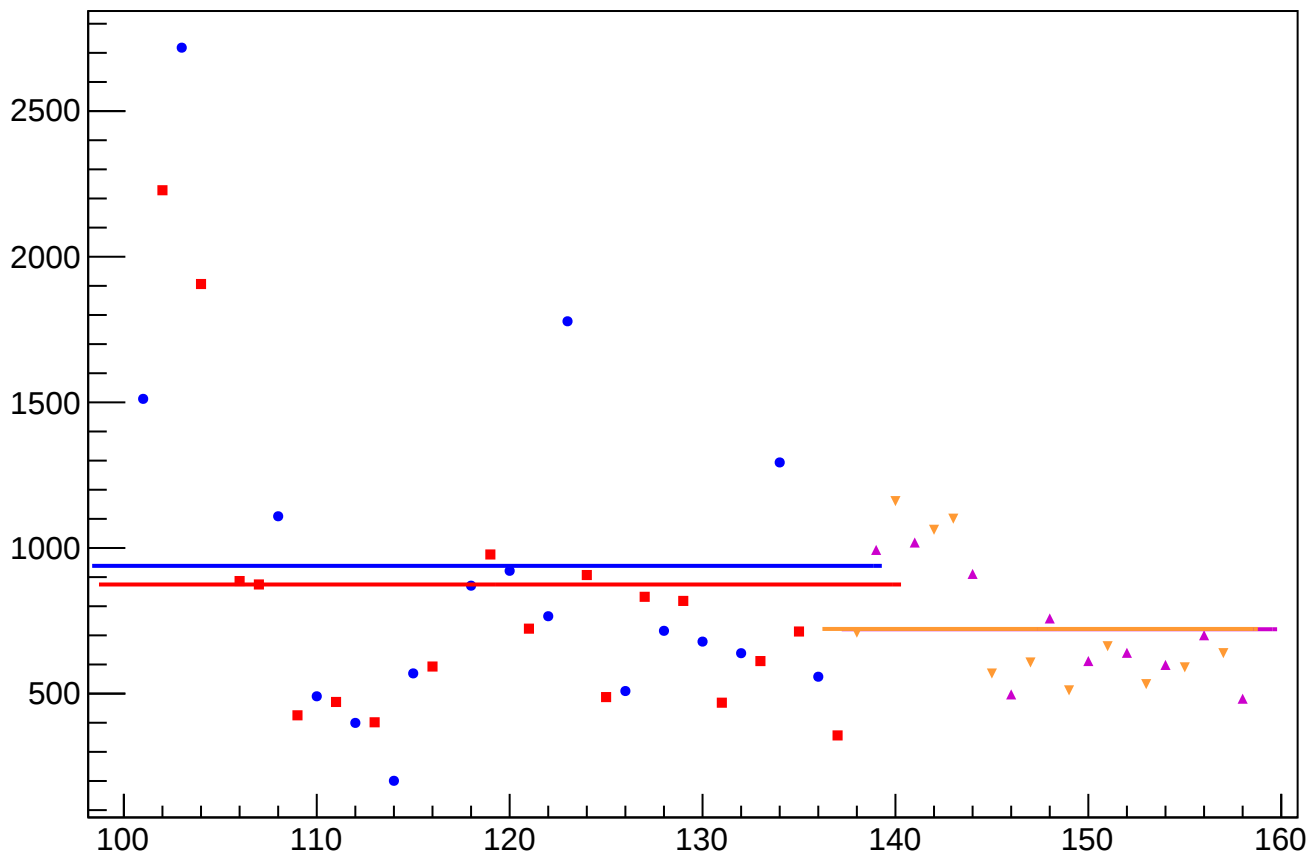
- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

dit_sam3_coil7_mean vs Slug



Right In: -18428.768+/-0.000 χ^2/NDF : 91790167940984507561863911678204862005248.0/16
 Left Out: -3393.544+/-0.000 χ^2/NDF : 763865013636725122605829417114953318400.0/10
 Right Out: -18880.571+/-0.000 χ^2/NDF : 85627666736634579824962235279591398703104.0/17
 Left In: -3475.849+/-0.000 χ^2/NDF : 734455058560312825207810706761035284480.0/9

dit_sam3_coil7_err_mean vs Slug



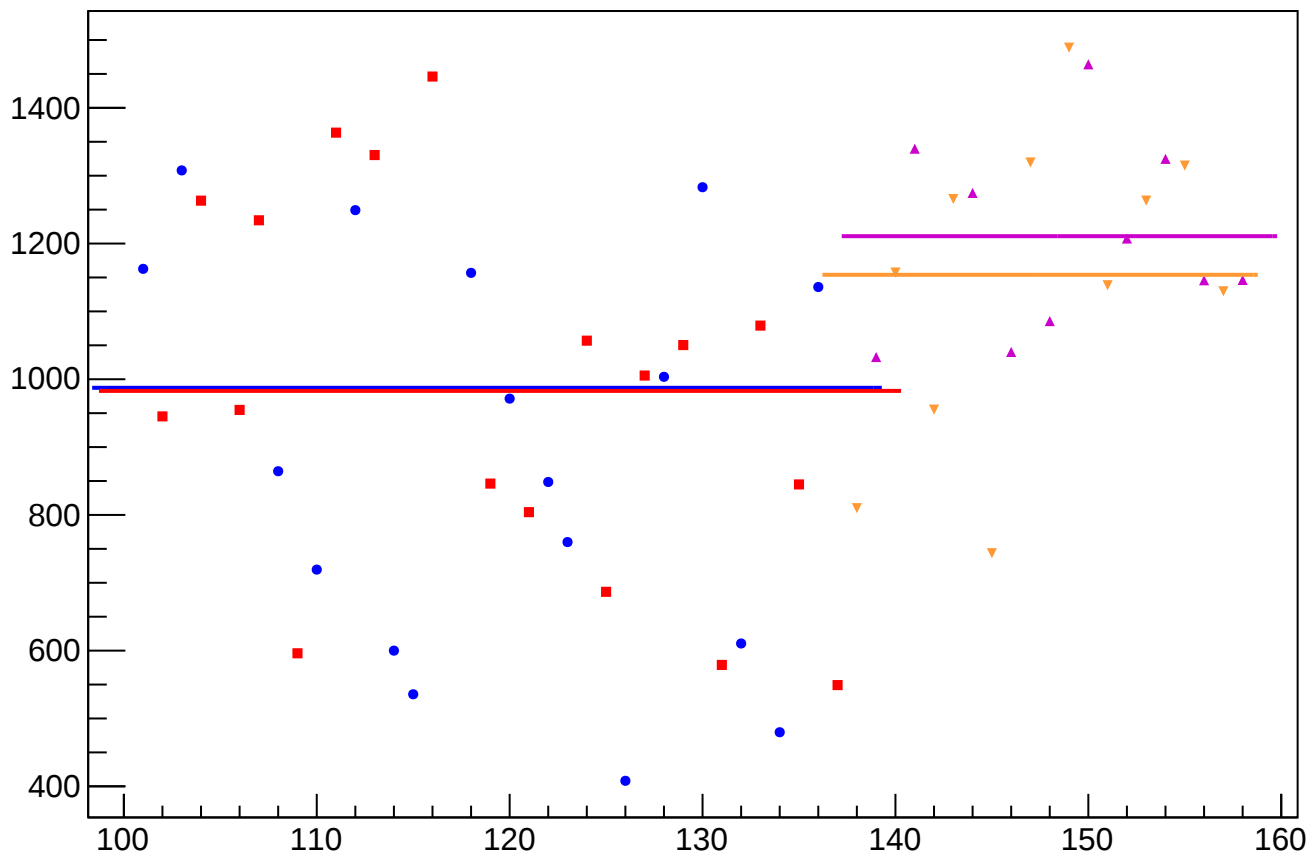
Right In: 938.658+/-0.000 χ^2/NDF : 274123287156186942430302567816841134080.0/16

Left Out: 722.035+/-0.000 χ^2/NDF : 42565312819936429836820681923223355392.0/10

Right Out: 874.671+/-0.000 χ^2/NDF : 212705560210060381413787152265269739520.0/17

Left In: 721.017+/-0.000 χ^2/NDF : 28659439925428386800939092529201020928.0/9

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1153.937 $\pm$ 0.000 χ^2 /NDF: 39717775549873665316383021115082014720.0/10

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

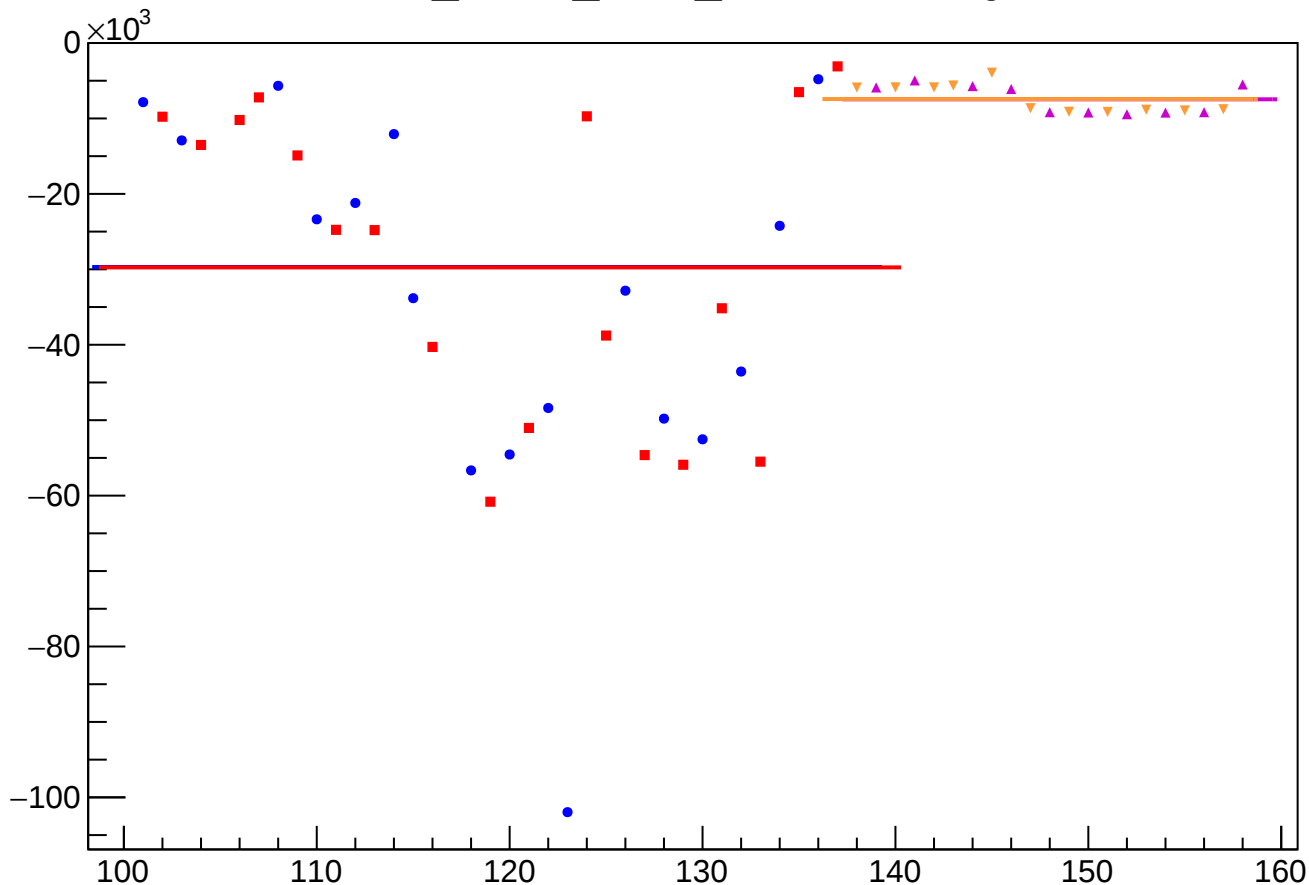
Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

+ sign 1078.044 $\pm$ 0.000 χ^2 /NDF: 10276772296654

All: 1092.558 $\pm$ 0.000 χ^2 /NDF: 18744925336

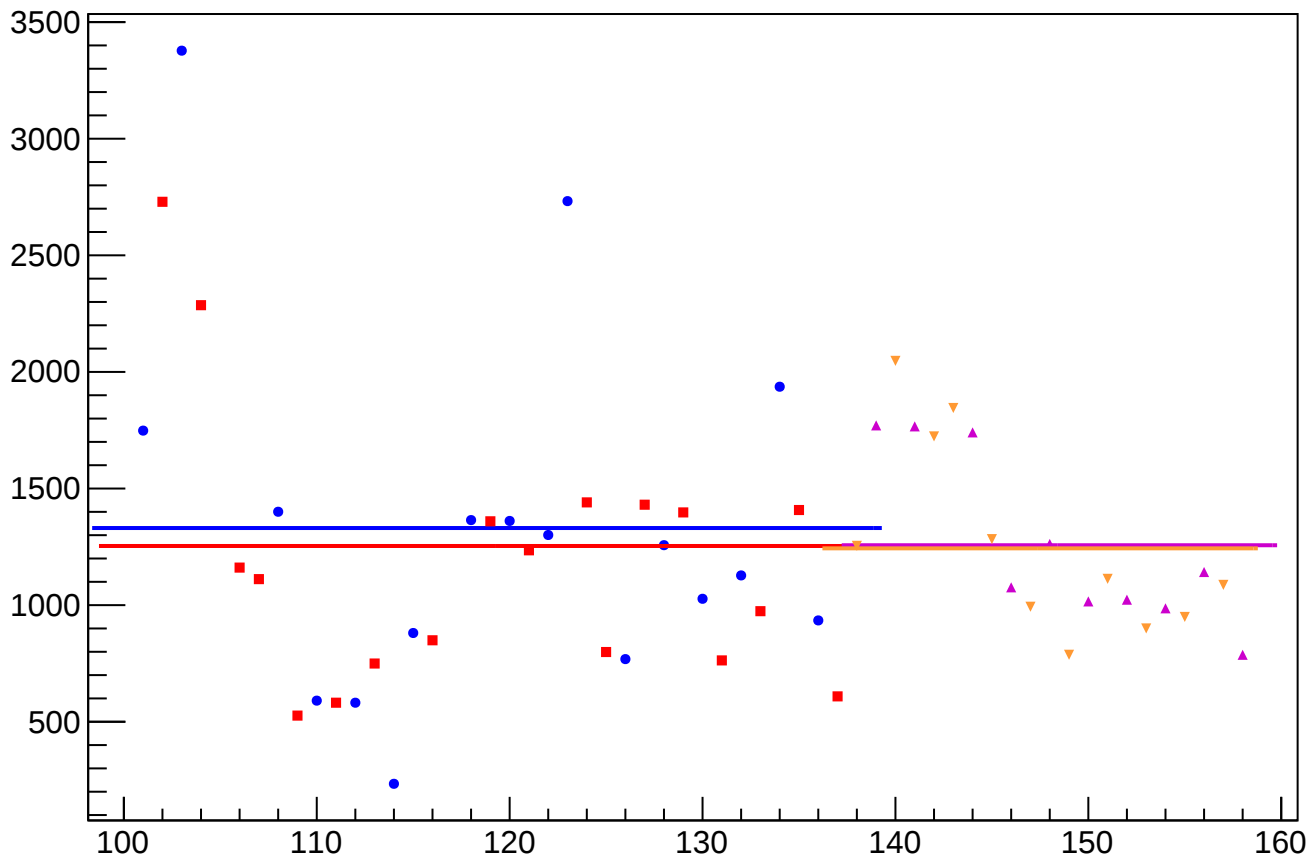
- sign 1106.682 $\pm$ 0.000 χ^2 /NDF: 84048512246961

dit_sam4_coil7_mean vs Slug



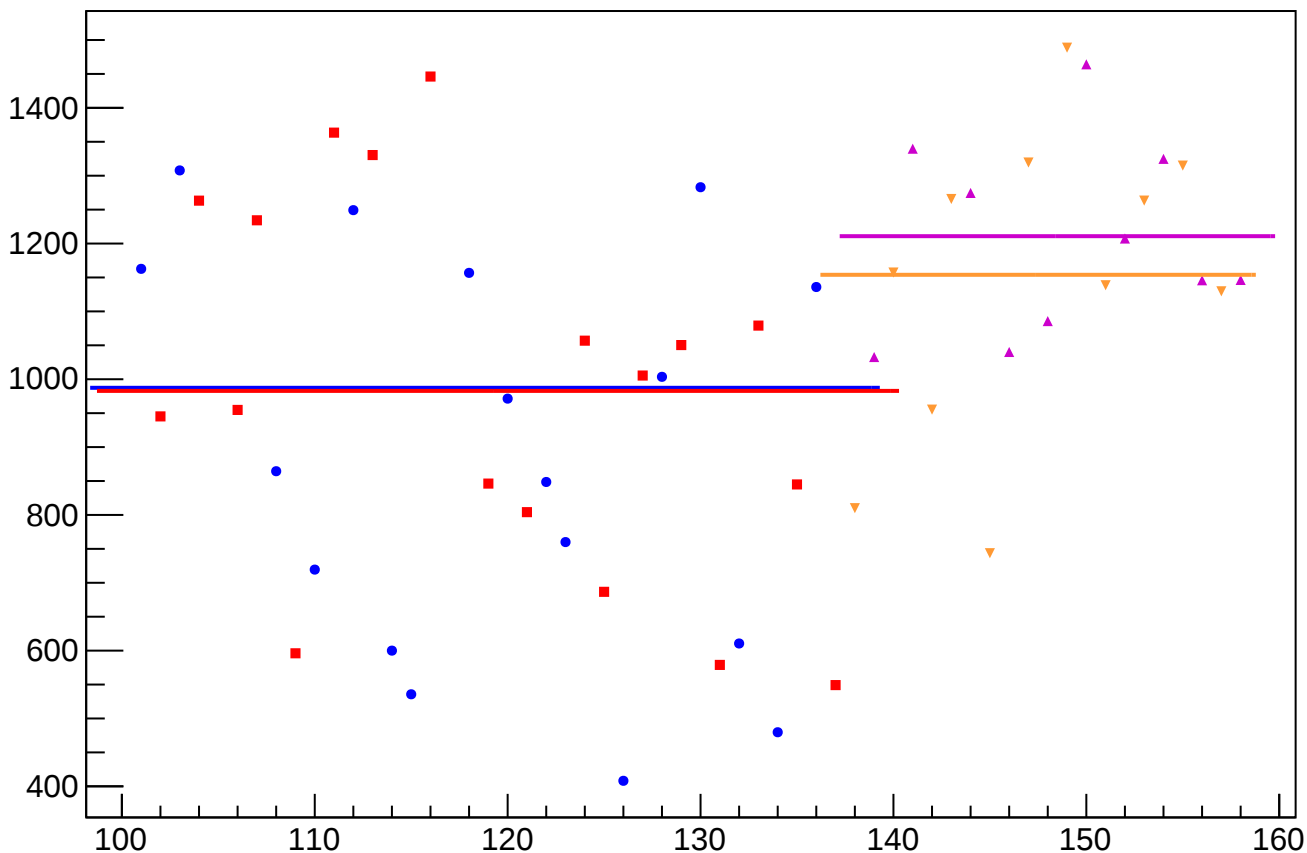
Right In: -29694.846+/-0.000 χ^2/NDF : 282999478252028644685471433230520510578688.0/16
 Left Out: -7426.050+/-0.000 χ^2/NDF : 2723593143895919935240853252578964668416.0/10
 Right Out: -29744.384+/-0.000 χ^2/NDF : 283667805670372144788905534129497910018048.0/17
 Left In: -7461.910+/-0.000 χ^2/NDF : 2847324208999569024100743080201280290816.0/9

dit_sam4_coil7_err_mean vs Slug



Right In: 1330.668+/-0.000 χ^2/NDF : 371034150705348959312326123153556242432.0/16
 Left Out: 1243.554+/-0.000 χ^2/NDF : 130441818096527847846943930463224332288.0/10
 Right Out: 1253.657+/-0.000 χ^2/NDF : 276351047411985398179849131600767877120.0/17
 Left In: 1256.853+/-0.000 χ^2/NDF : 102471474507532096372992233148969385984.0/9

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

+ sign 1078.044 $\pm$ 0.000 χ^2 /NDF: 10276772296654

Left Out: 1153.937 $\pm$ 0.000 χ^2 /NDF: 39717775549873665316383021115082014720.0/10

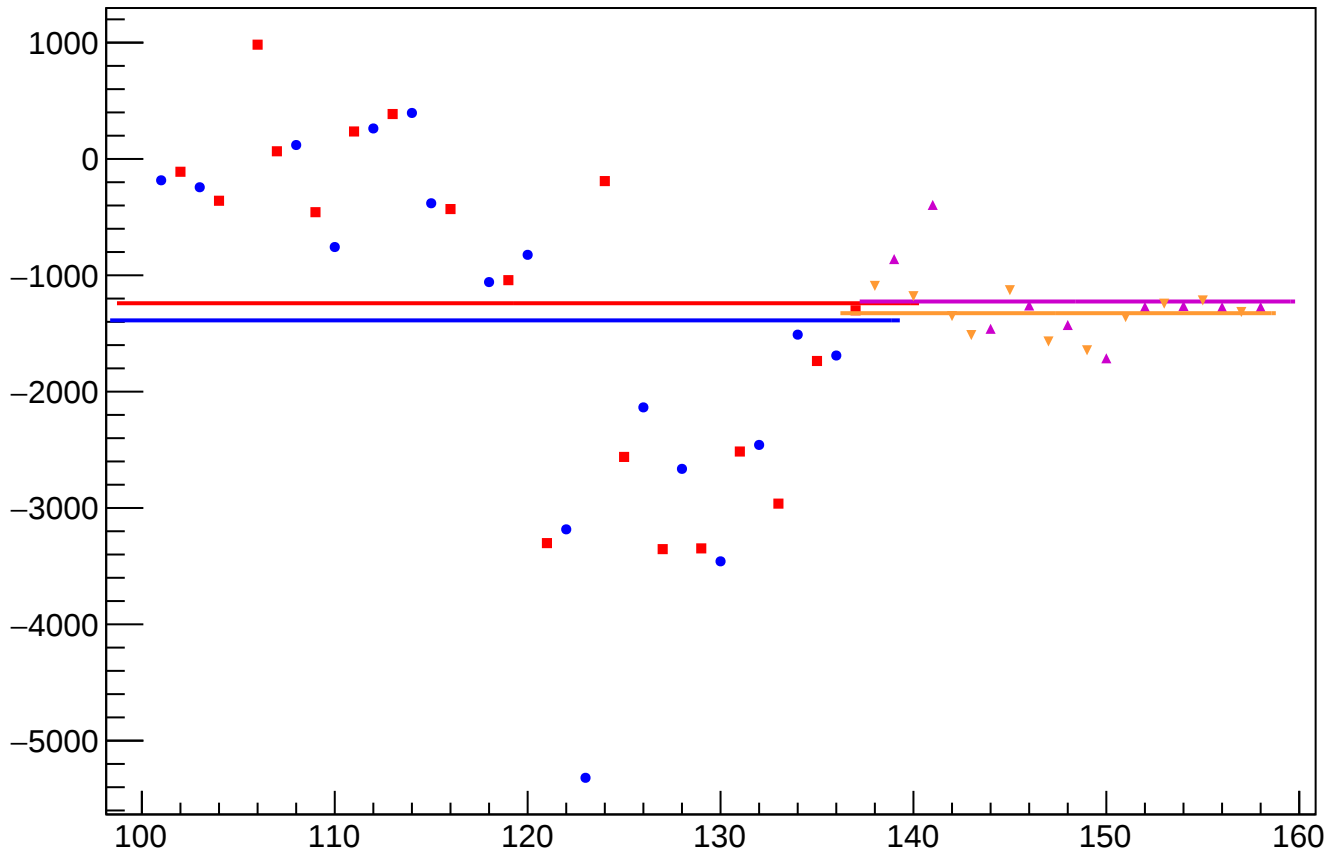
All: 1092.558 $\pm$ 0.000 χ^2 /NDF: 18744925336

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

- sign 1106.682 $\pm$ 0.000 χ^2 /NDF: 84048512246961

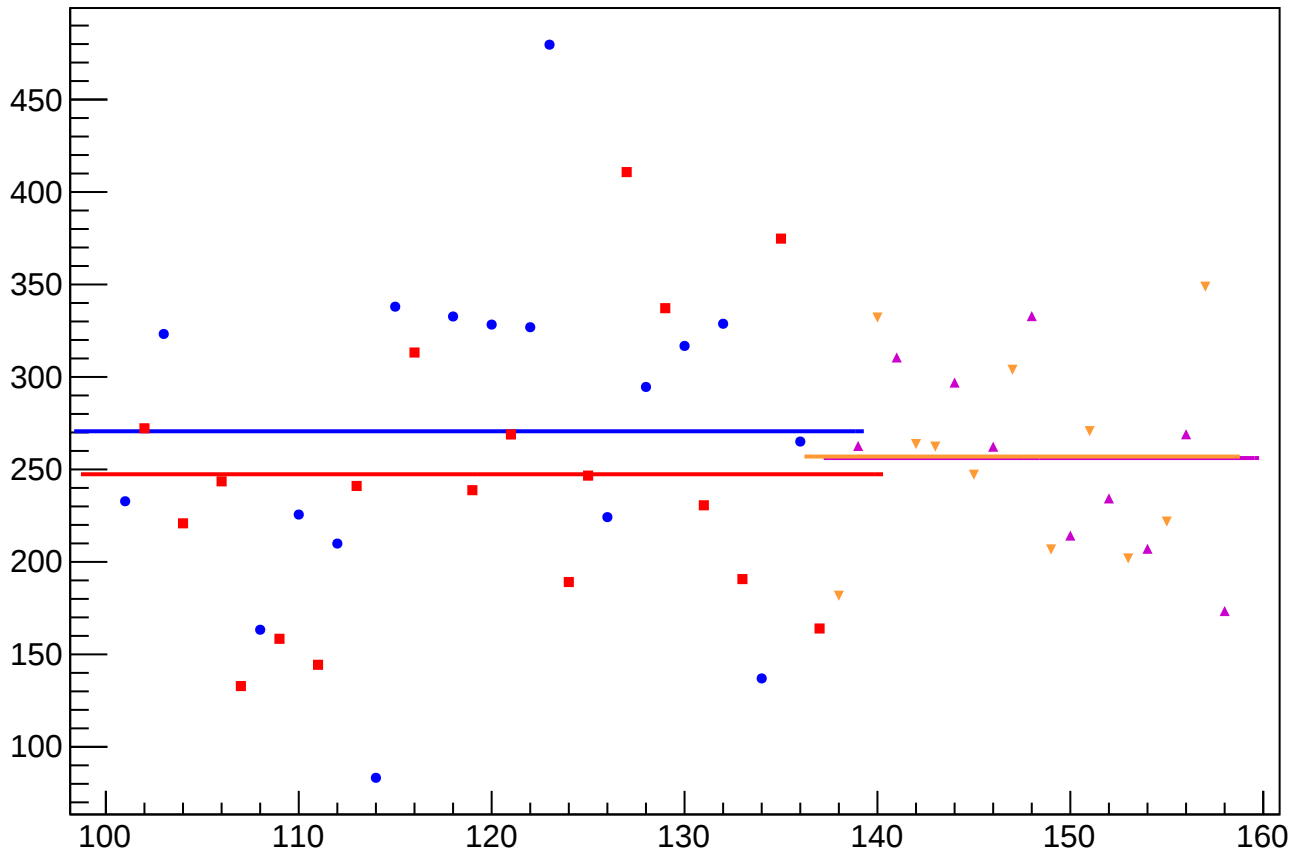
Left In: 1210.862 $\pm$ 0.000 χ^2 /NDF: 15749271183228525581810721748649246720.0/9

dit_sam5_coil7_mean vs Slug



Right In: -1387.447 ± 0.000 χ^2/NDF : 1052649963447979198116034562243591929856.0/16
 Left Out: -1325.611 ± 0.000 χ^2/NDF : 26265583239160718592985475519657017344.0/10
 Right Out: -1240.179 ± 0.000 χ^2/NDF : 1416369744921748520391717301088168181760.0/17
 Left In: -1225.245 ± 0.000 χ^2/NDF : 100146411347033599671741760125139943424.0/9

dit_sam5_coil7_err_mean vs Slug



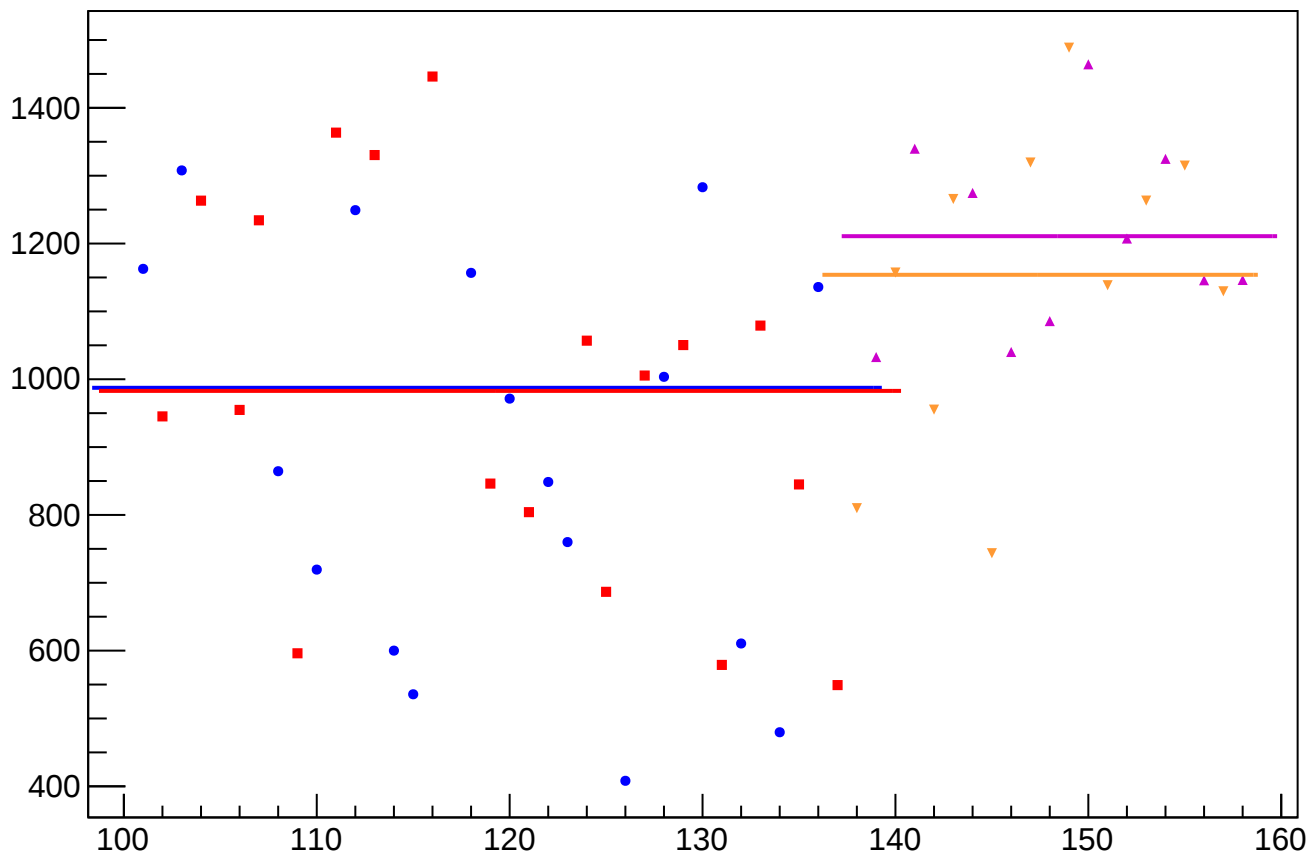
Right In: 270.634+/-0.000 χ^2/NDF : 2782961301444799640631413817001115648.0/16

Left Out: 256.973+/-0.000 χ^2/NDF : 2295630028800759571044813081424166912.0/10

Right Out: 247.395+/-0.000 χ^2/NDF : 4145415912975495896207578940101885952.0/17

Left In: 256.156+/-0.000 χ^2/NDF : 1884028445409151159639706826728013824.0/9

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

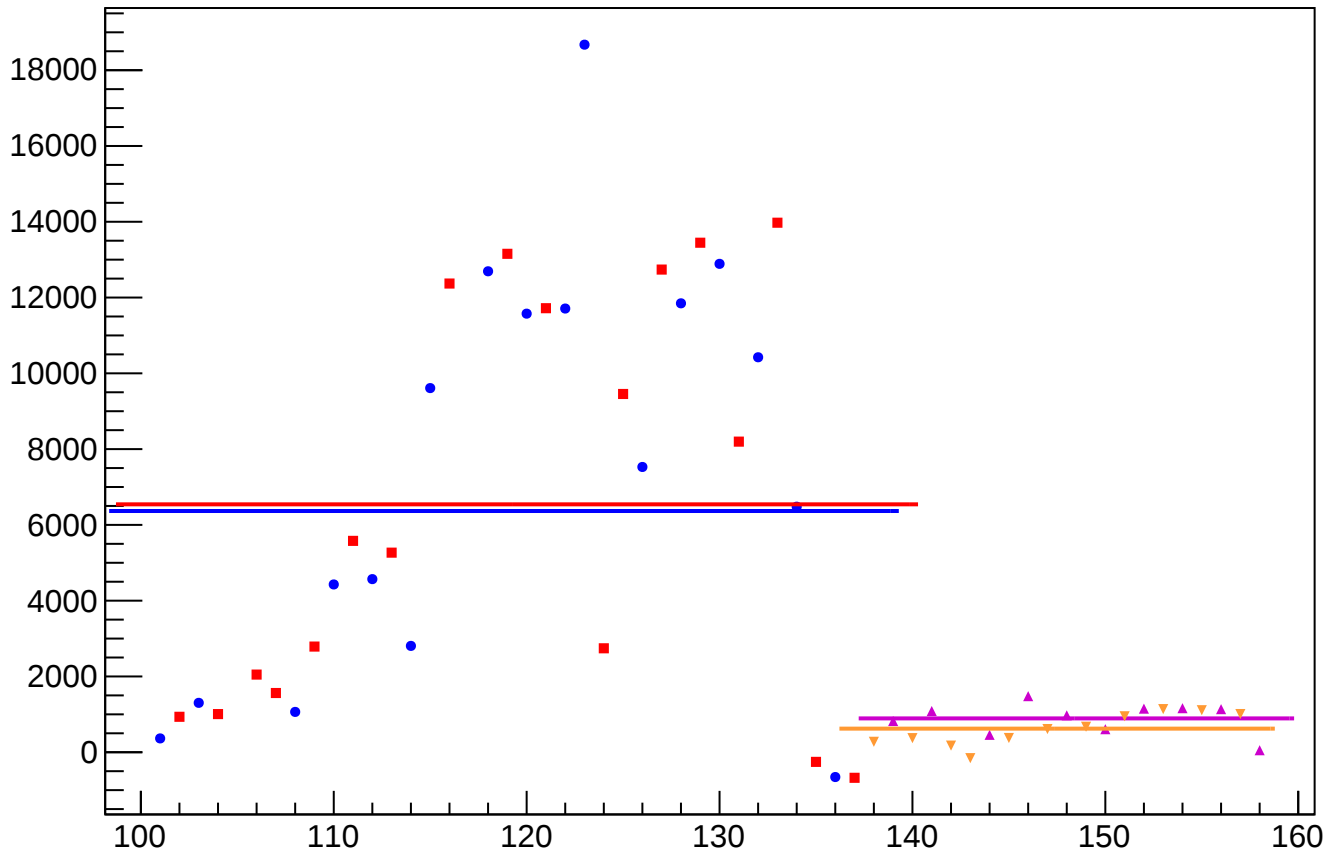
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

All: 1092.558+/-0.000 χ^2/NDF : 18744925336

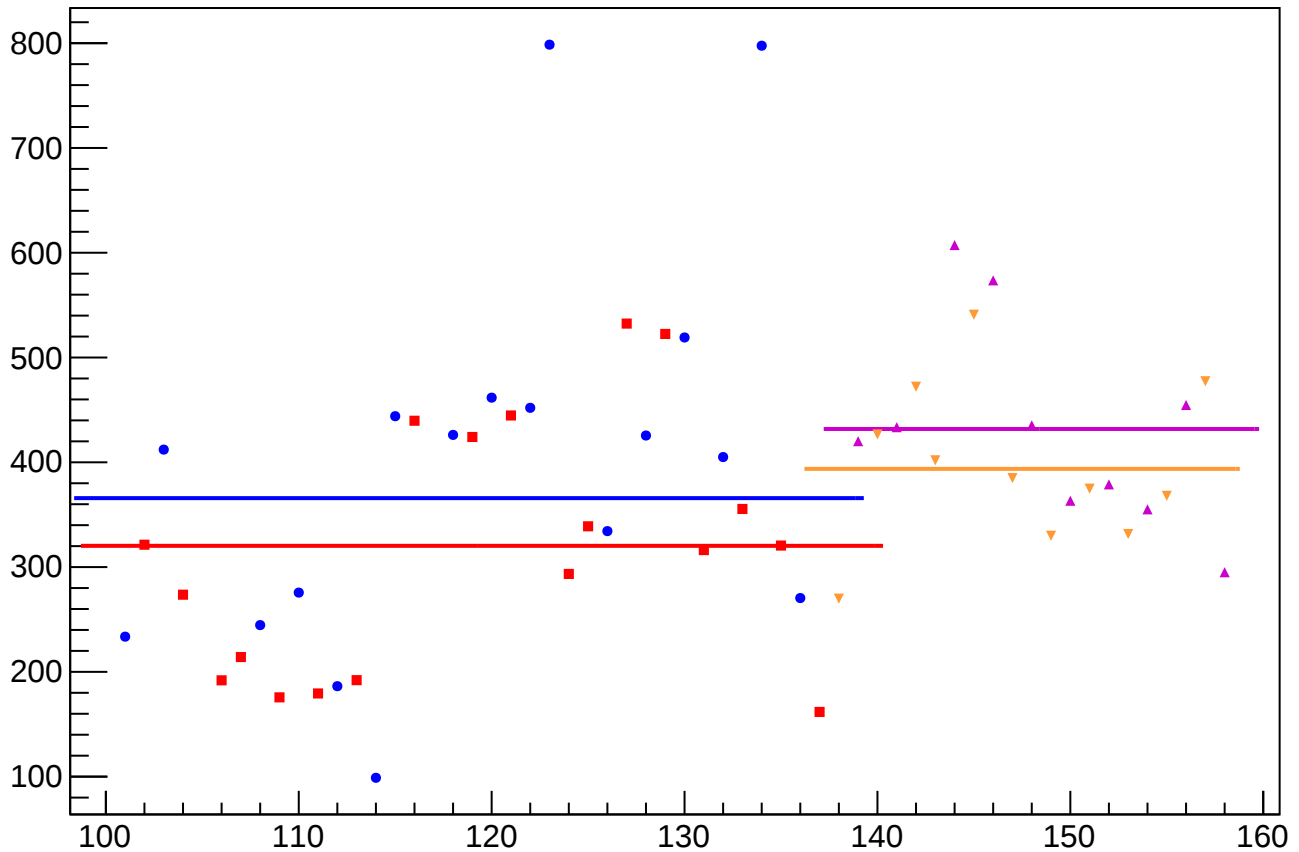
- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

dit_sam6_coil7_mean vs Slug



Right In: 6366.506+/-0.000 χ^2/NDF : 19013791293174950781662205946475975802880.0/16
 Left Out: 622.925+/-0.000 χ^2/NDF : 130063109271907567500882141643817353216.0/10
 Right Out: 6542.482+/-0.000 χ^2/NDF : 19769956838076333850932350219813545574400.0/17
 Left In: 892.959+/-0.000 χ^2/NDF : 131047755253238714225550489451224891392.0/9

dit_sam6_coil7_err_mean vs Slug



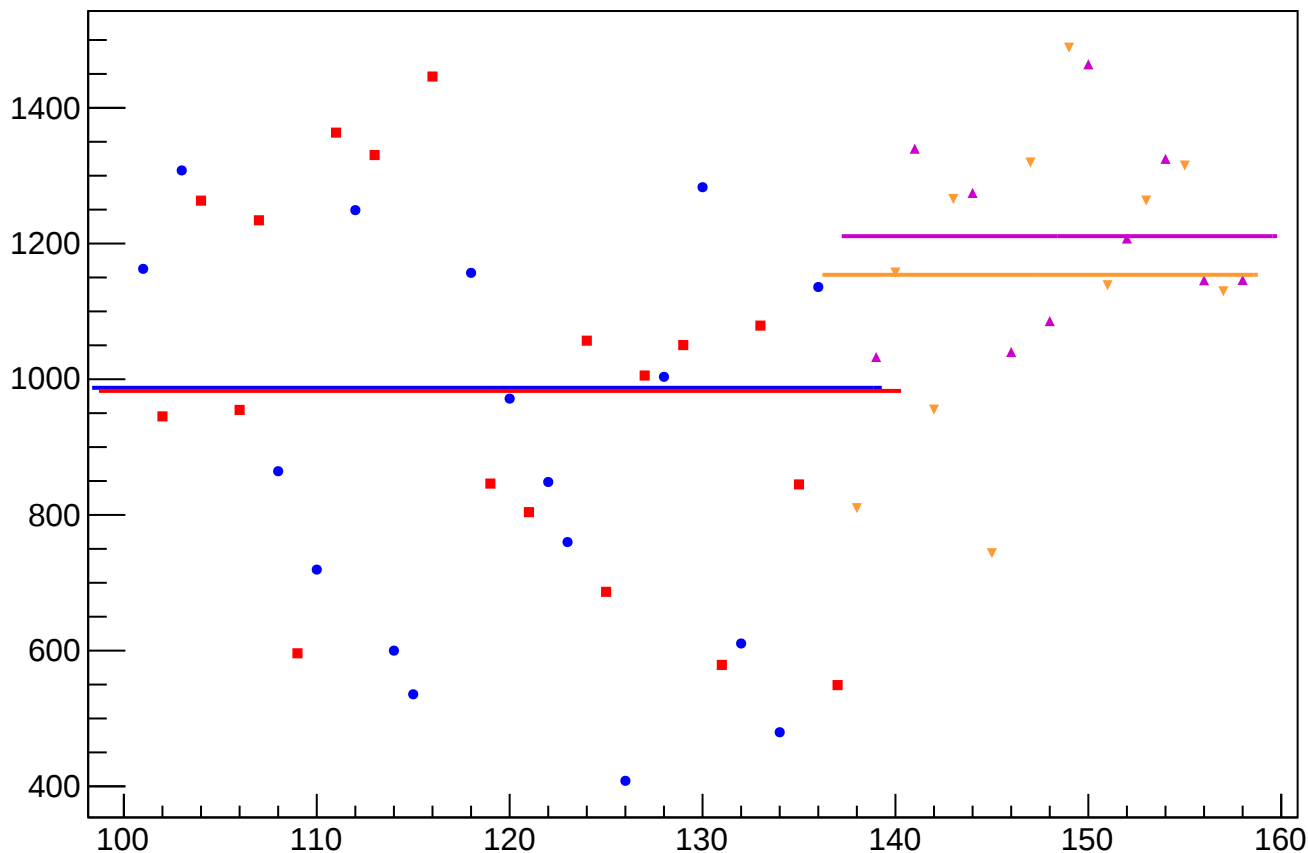
Right In: 365.806+/-0.000 χ^2/NDF : 12360453443474503357525500563004850176.0/16

Left Out: 393.739+/-0.000 χ^2/NDF : 4535513021267789599738921729956773888.0/10

Right Out: 320.284+/-0.000 χ^2/NDF : 9463966273350706118112483440542613504.0/17

Left In: 431.792+/-0.000 χ^2/NDF : 7174061380679825856167271874441510912.0/9

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

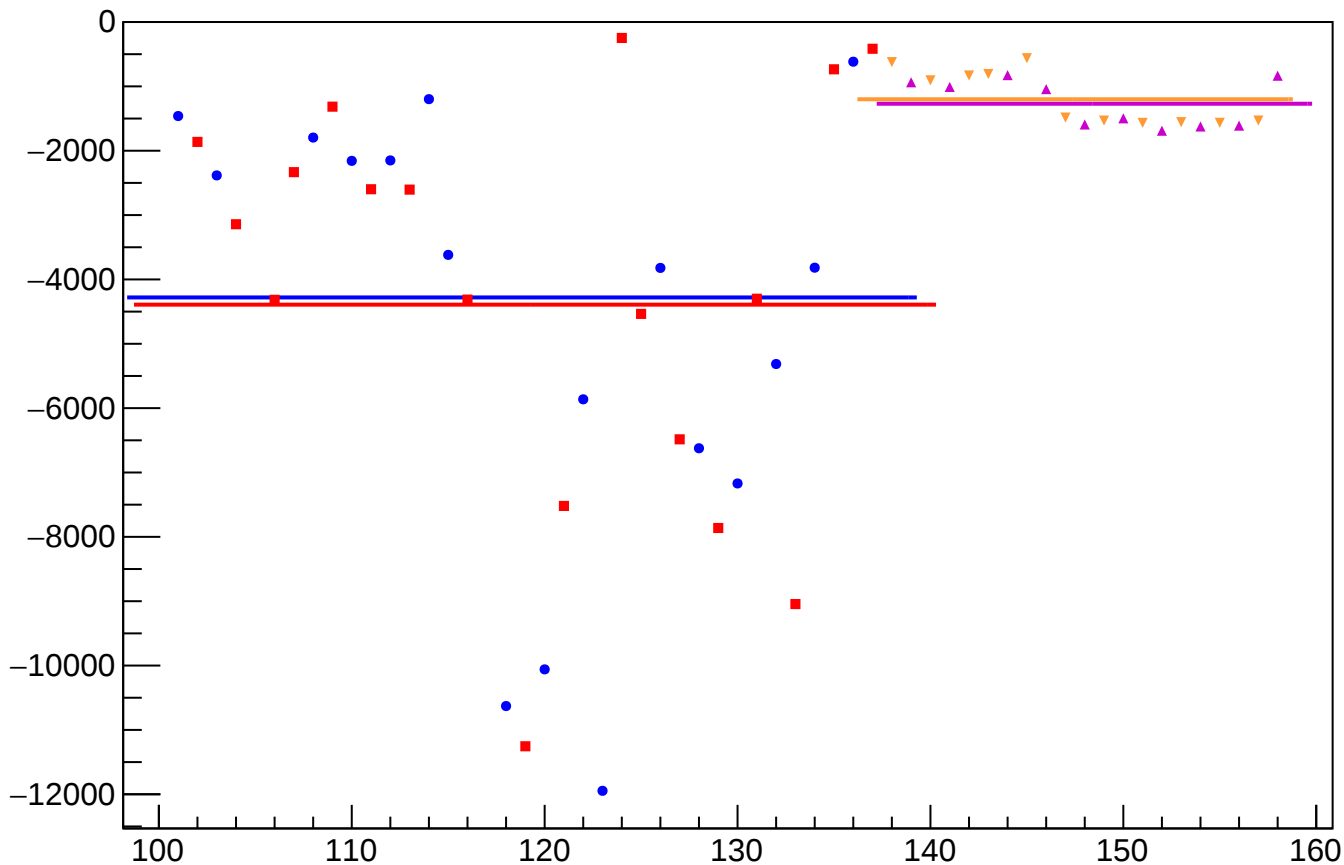
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

All: 1092.558+/-0.000 χ^2/NDF : 18744925336

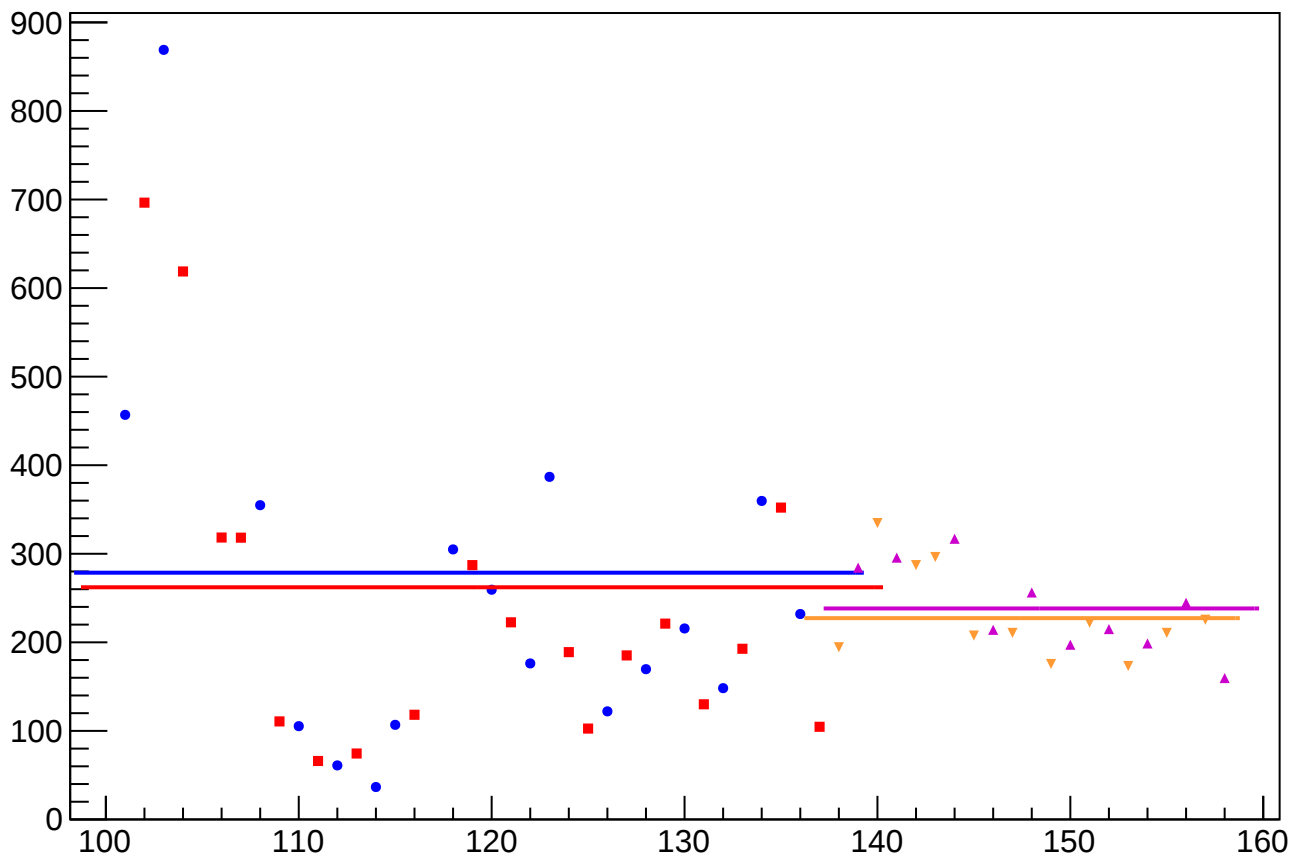
- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

dit_sam7_coil7_mean vs Slug



Right In: -4279.824 +/- 0.000 $\chi^2/\text{NDF} = 6998436131465727751461675089449726246912.0/16$
 Left Out: -1200.339 +/- 0.000 $\chi^2/\text{NDF} = 136869334346403904248194360413534552064.0/10$
 Right Out: -4391.806 +/- 0.000 $\chi^2/\text{NDF} = 7013803733920665719163942153165454966784.0/17$
 Left In: -1269.859 +/- 0.000 $\chi^2/\text{NDF} = 101084733444132956507683507887899934720.0/9$

dit_sam7_coil7_err_mean vs Slug



Right In: 278.633+/-0.000 χ^2/NDF : 30524296265206738304048515708883042304.0/16

Left Out: 227.299+/-0.000 χ^2/NDF : 2063054819086070284807794604141182976.0/10

Right Out: 262.162+/-0.000 χ^2/NDF : 25748645086335087770789028222868652032.0/17

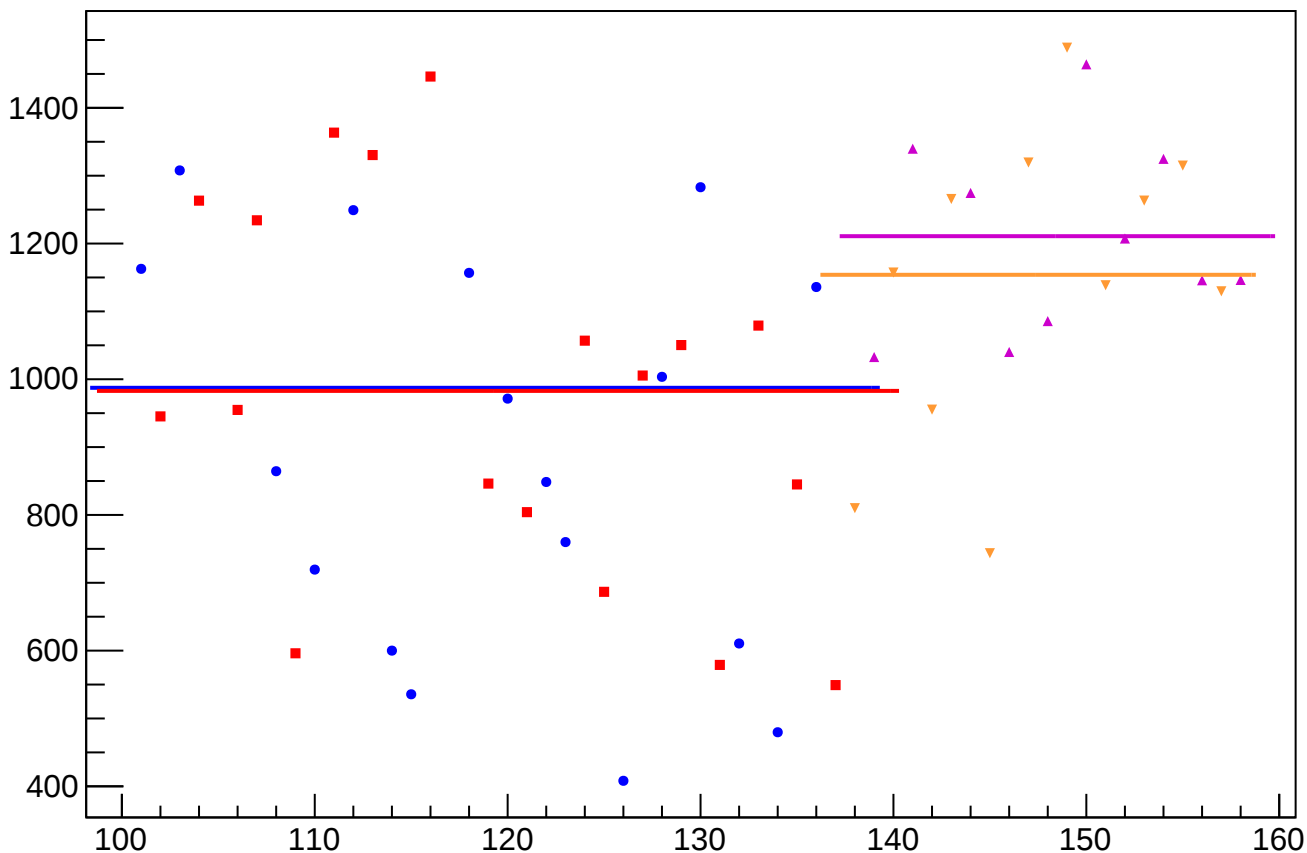
Left In: 238.254+/-0.000 χ^2/NDF : 1920940513887083398172039492766007296.0/9

+ sign 250.691+/-0.000 χ^2/NDF : 335828245741624

All: 249.924+/-0.000 χ^2/NDF : 61476142684

- sign 249.177+/-0.000 χ^2/NDF : 278915485302629

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

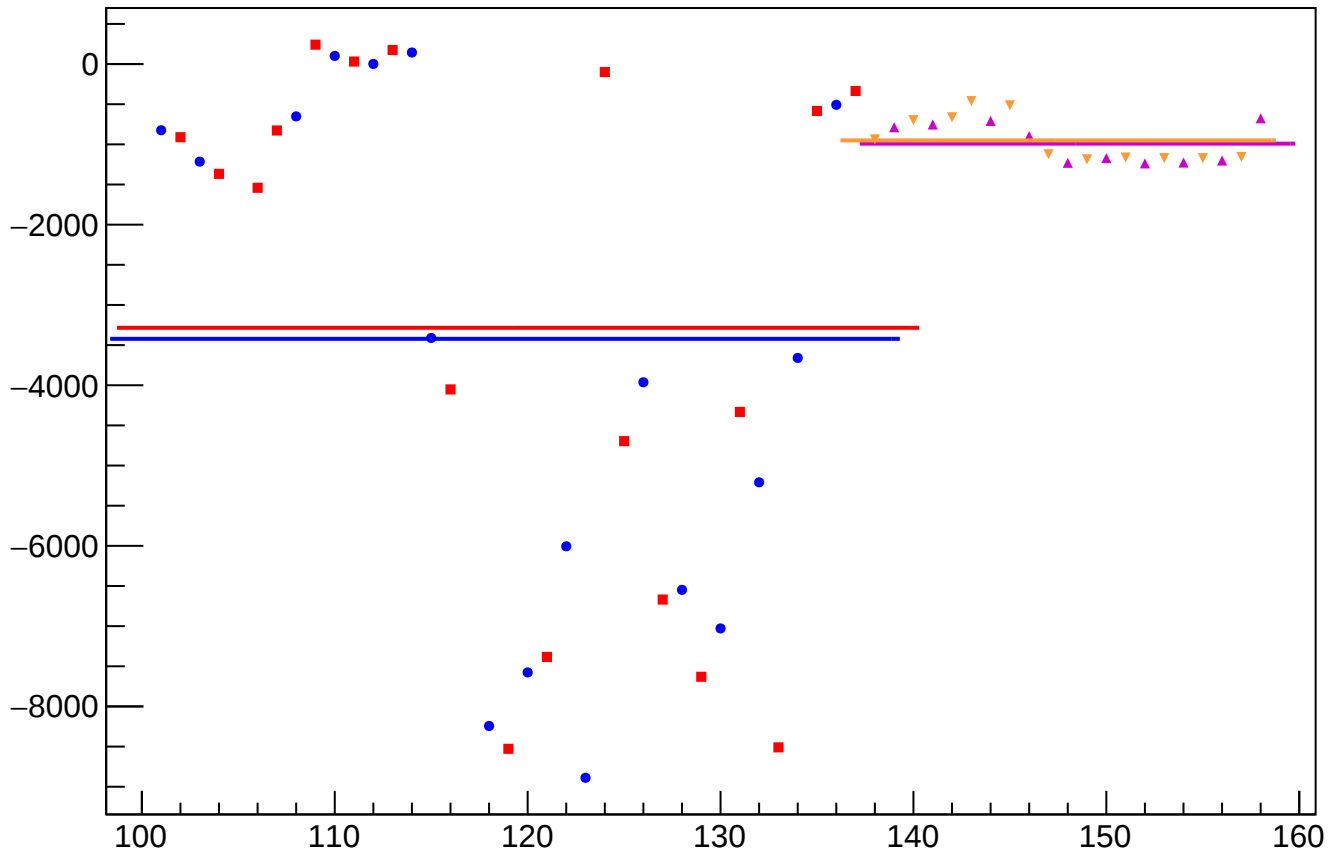
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

All: 1092.558+/-0.000 χ^2/NDF : 18744925336

- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

dit_sam8_coil7_mean vs Slug



Right In: -3421.719+/-0.000 χ^2/NDF : 6462112736004972779572658363986020925440.0/16

+ sign -2076.586+/-0.000 χ^2/NDF : 8830667059650

Left Out: -950.503+/-0.000 χ^2/NDF : 61618412451523315799339120275360841728.0/10

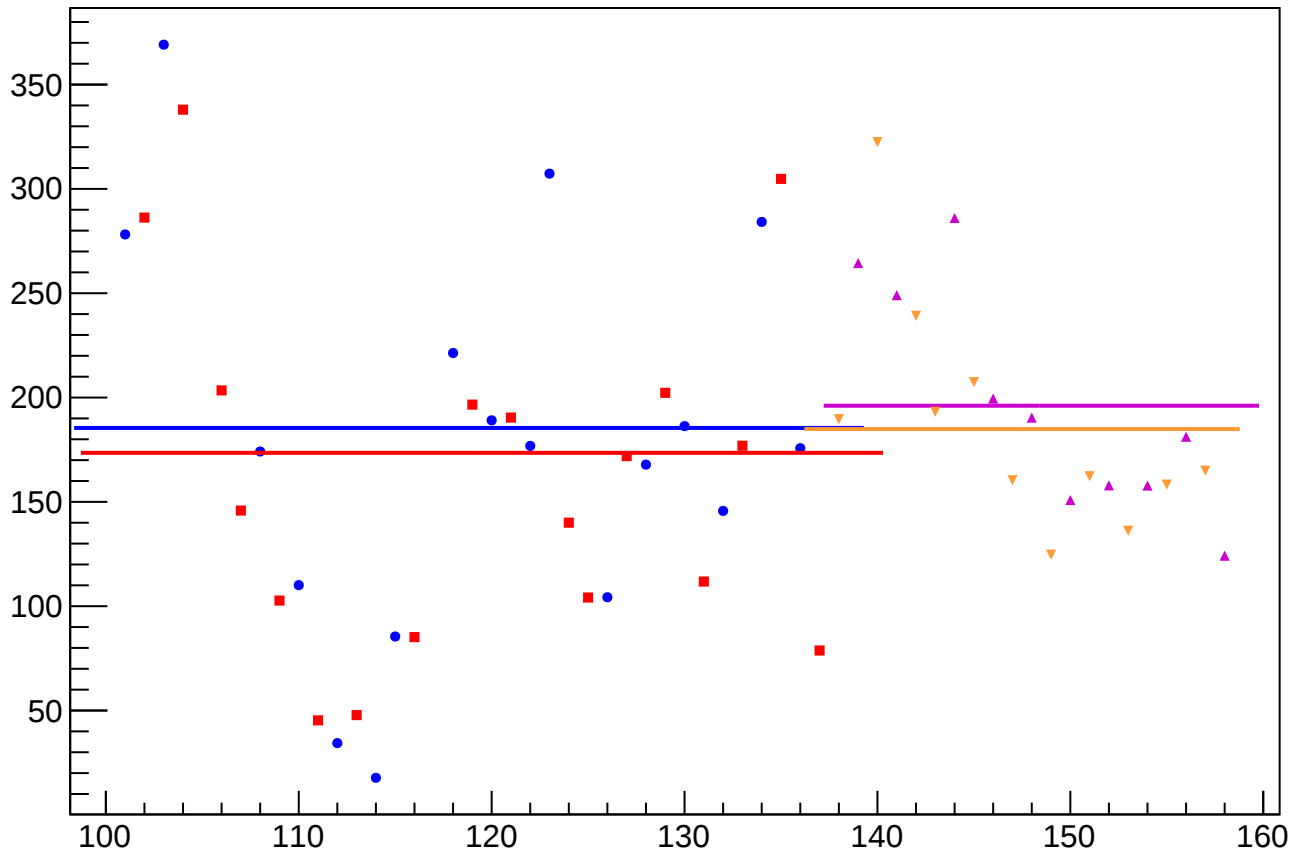
All: -2057.433+/-0.000 χ^2/NDF : 1874066155

Right Out: -3284.376+/-0.000 χ^2/NDF : 7820854185595313728450757047863572692992.0/17

- sign -2038.794+/-0.000 χ^2/NDF : 99088921436978

Left In: -991.040+/-0.000 χ^2/NDF : 45614304321541026130435123103437684736.0/9

dit_sam8_coil7_err_mean vs Slug



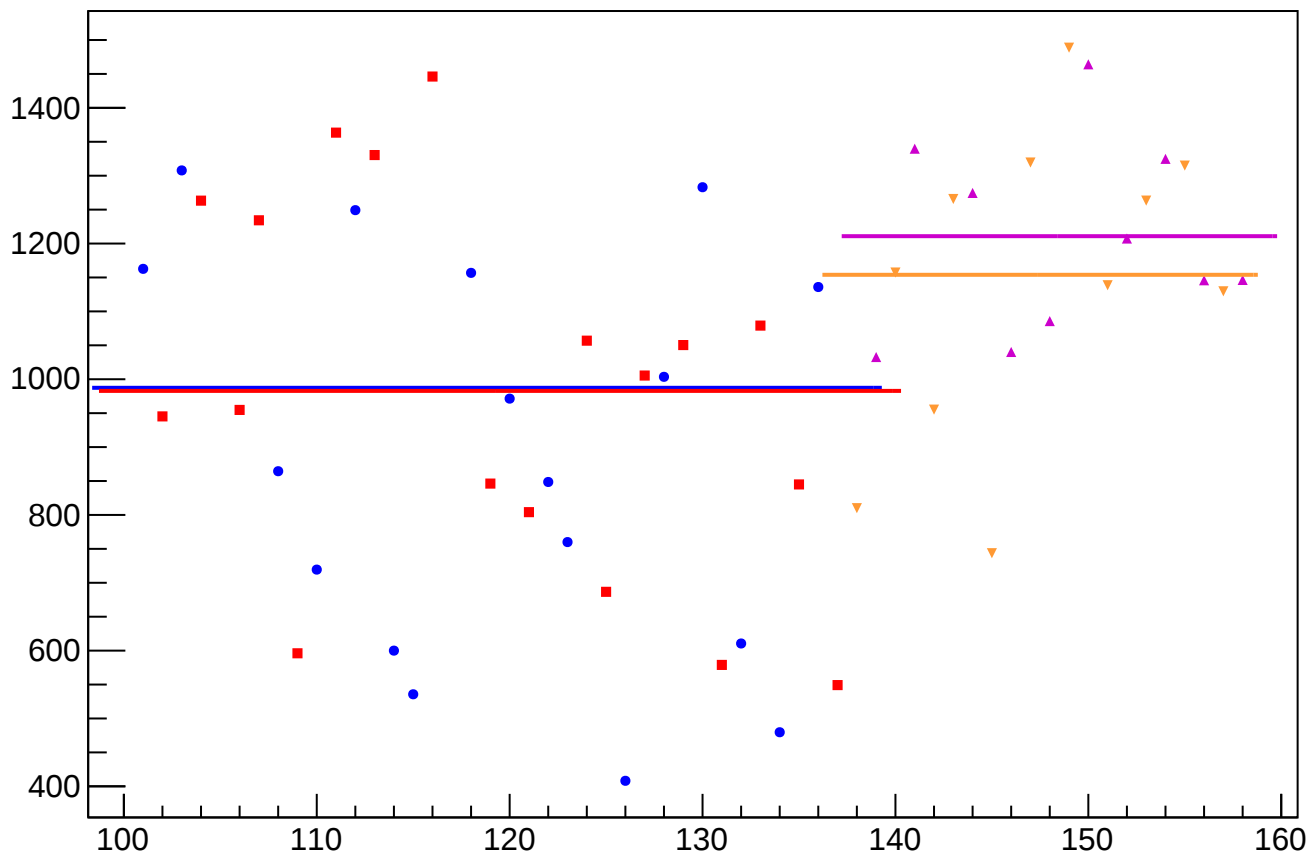
Right In: 185.440+/-0.000 χ^2/NDF : 4992999881975997017558054599194050560.0/16

Left Out: 184.891+/-0.000 χ^2/NDF : 2411071009392857861045626671567208448.0/10

Right Out: 173.513+/-0.000 χ^2/NDF : 5476704825855084602521292305195859968.0/17

Left In: 196.090+/-0.000 χ^2/NDF : 2220930440104471386086796703551193088.0/9

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1153.937+/-0.000 χ^2/NDF : 39717775549873665316383021115082014720.0/10

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

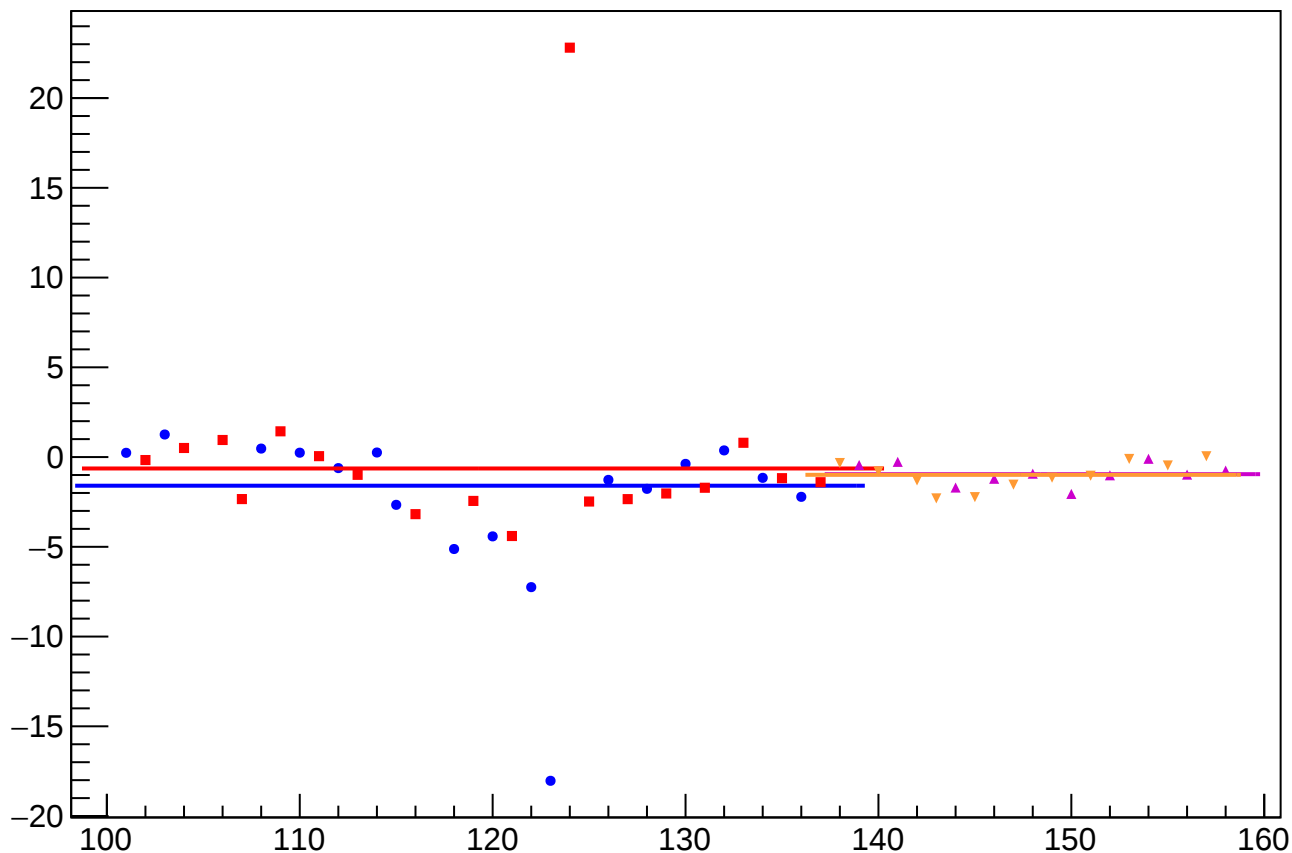
Left In: 1210.862+/-0.000 χ^2/NDF : 15749271183228525581810721748649246720.0/9

+ sign 1078.044+/-0.000 χ^2/NDF : 10276772296654

All: 1092.558+/-0.000 χ^2/NDF : 18744925336

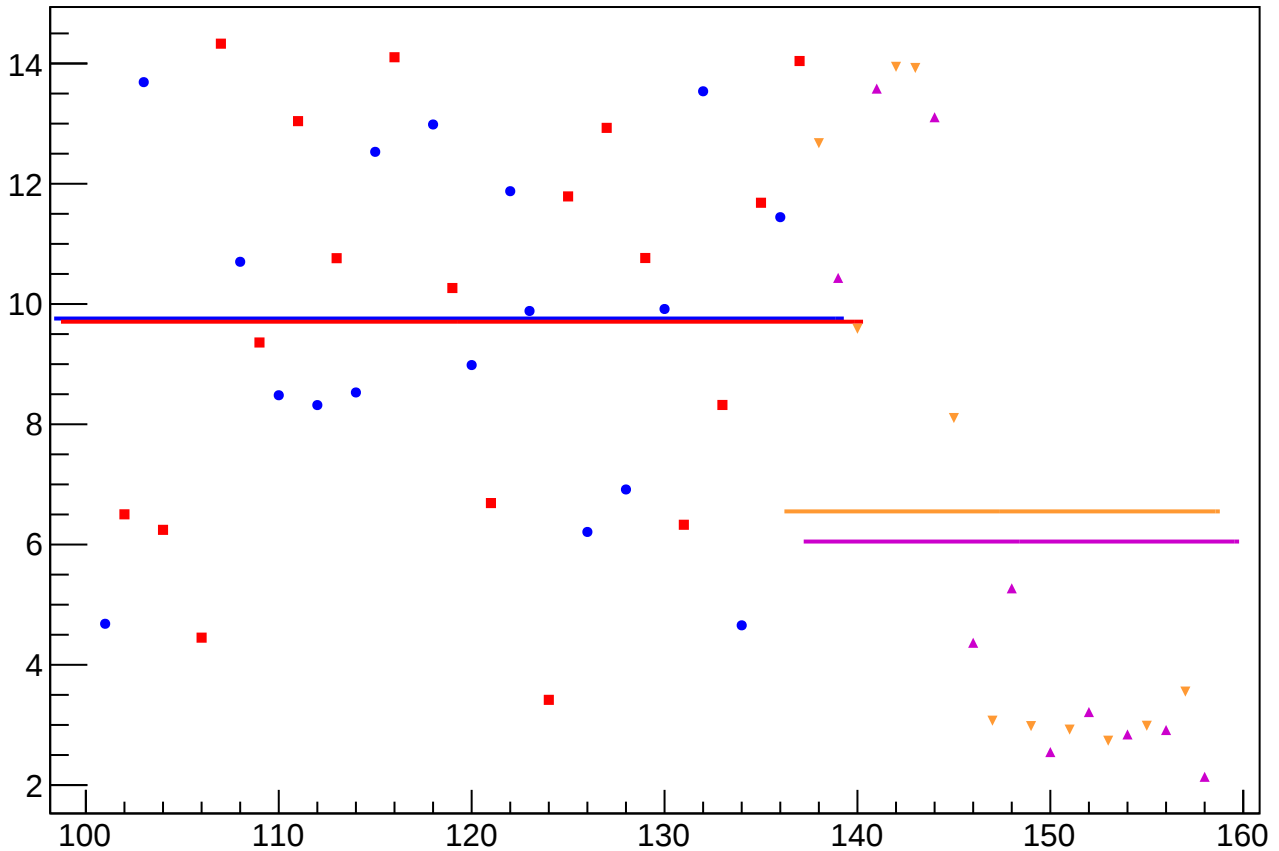
- sign 1106.682+/-0.000 χ^2/NDF : 84048512246961

dit_4aX_coil4_mean vs Slug



Right In: -1.596 ± 0.000 χ^2/NDF : 4654807928359892398673617982849024.0/16
 Left Out: -0.988 ± 0.000 χ^2/NDF : 470398887522282566946156930138112.0/10
 Right Out: -0.636 ± 0.000 χ^2/NDF : 9571048295343482409580772007608320.0/17
 Left In: -0.953 ± 0.000 χ^2/NDF : 295426574170308564004780065685504.0/9

dit_4aX_coil4_err_mean vs Slug



Right In: 9.759 $\pm$ 0.000 χ^2 /NDF: 5805218601264248923404355625811968.0/16

Left Out: 6.551 $\pm$ 0.000 χ^2 /NDF: 15973951343367255119440851360546816.0/10

Right Out: 9.706 $\pm$ 0.000 χ^2 /NDF: 6508390621050403360774220706480128.0/17

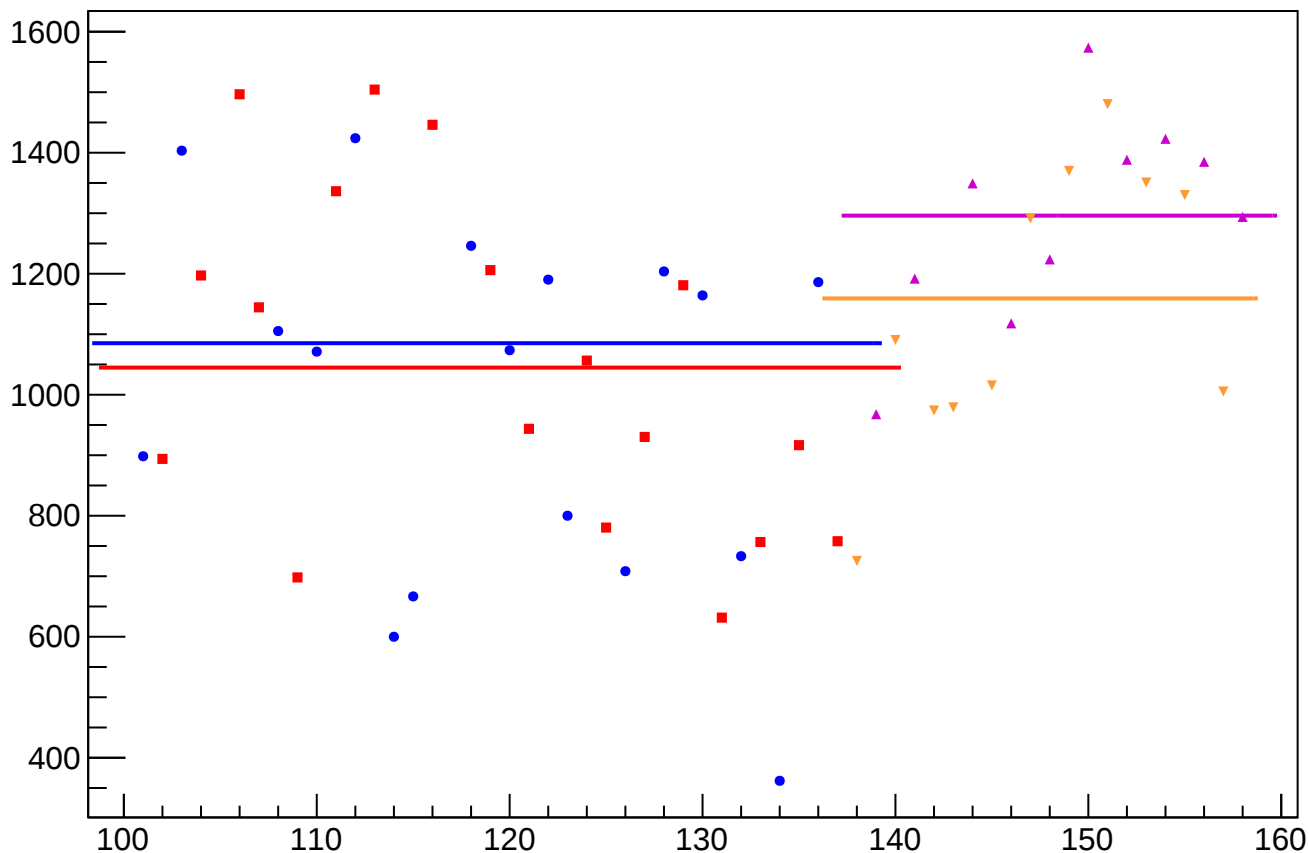
Left In: 6.050 $\pm$ 0.000 χ^2 /NDF: 15853394447593254500161933008699392.0/9

+ sign 8.013 $\pm$ 0.000 χ^2 /NDF: 25665348031875755

All: 7.865 $\pm$ 0.000 χ^2 /NDF: 53284441842905

- sign 7.720 $\pm$ 0.000 χ^2 /NDF: 27553073476237299

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

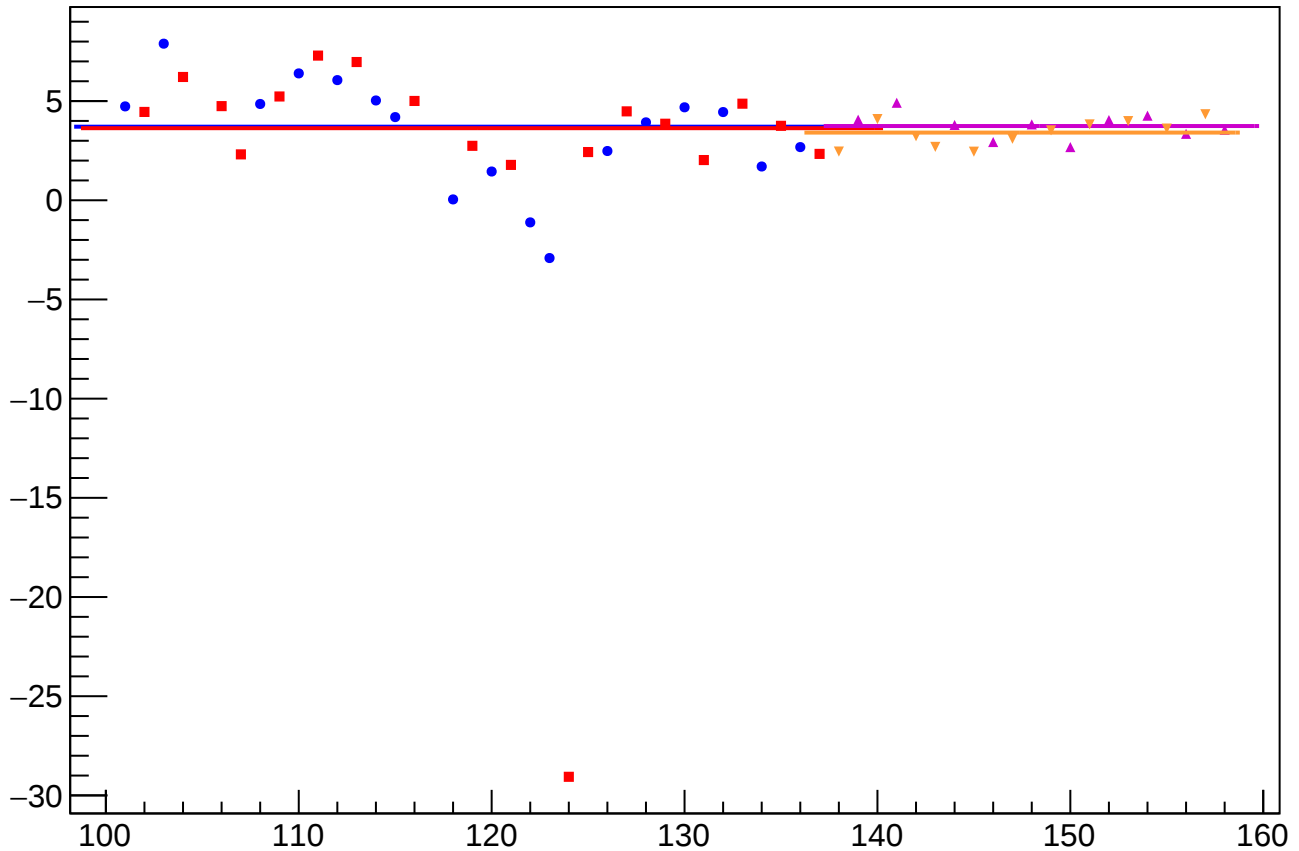
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1125.468+/-0.000 χ^2/NDF : 87340444395521

All: 1153.752+/-0.000 χ^2/NDF : 18788583623

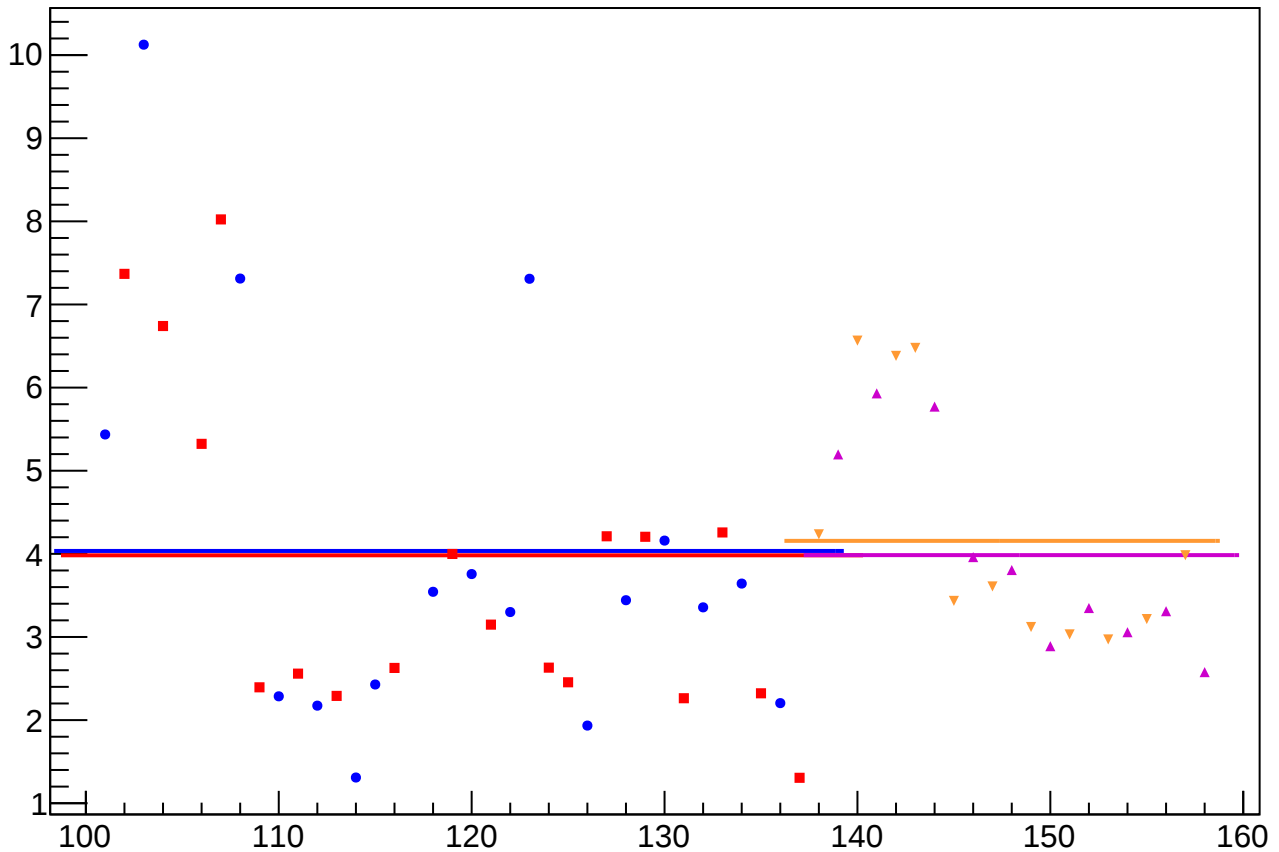
- sign 1181.277+/-0.000 χ^2/NDF : 98141372252081

dit_4eX_coil4_mean vs Slug



Right In: 3.709 $\pm$ 0.000 χ^2 /NDF: 4018102777172229540031969661812736.0/16
 Left Out: 3.412 $\pm$ 0.000 χ^2 /NDF: 334766256739539969300924823764992.0/10
 Right Out: 3.634 $\pm$ 0.000 χ^2 /NDF: 17179706396424887783373227094441984.0/17
 Left In: 3.742 $\pm$ 0.000 χ^2 /NDF: 329928469597983926659100729933824.0/9

dit_4eX_coil4_err_mean vs Slug



Right In: 4.035 $\pm$ 0.000 χ^2 /NDF: 3710399284586297338090254185267200.0/16

Left Out: 4.156 $\pm$ 0.000 χ^2 /NDF: 1509603525920647131457915130478592.0/10

Right Out: 3.983 $\pm$ 0.000 χ^2 /NDF: 2613925353133608323825730446163968.0/17

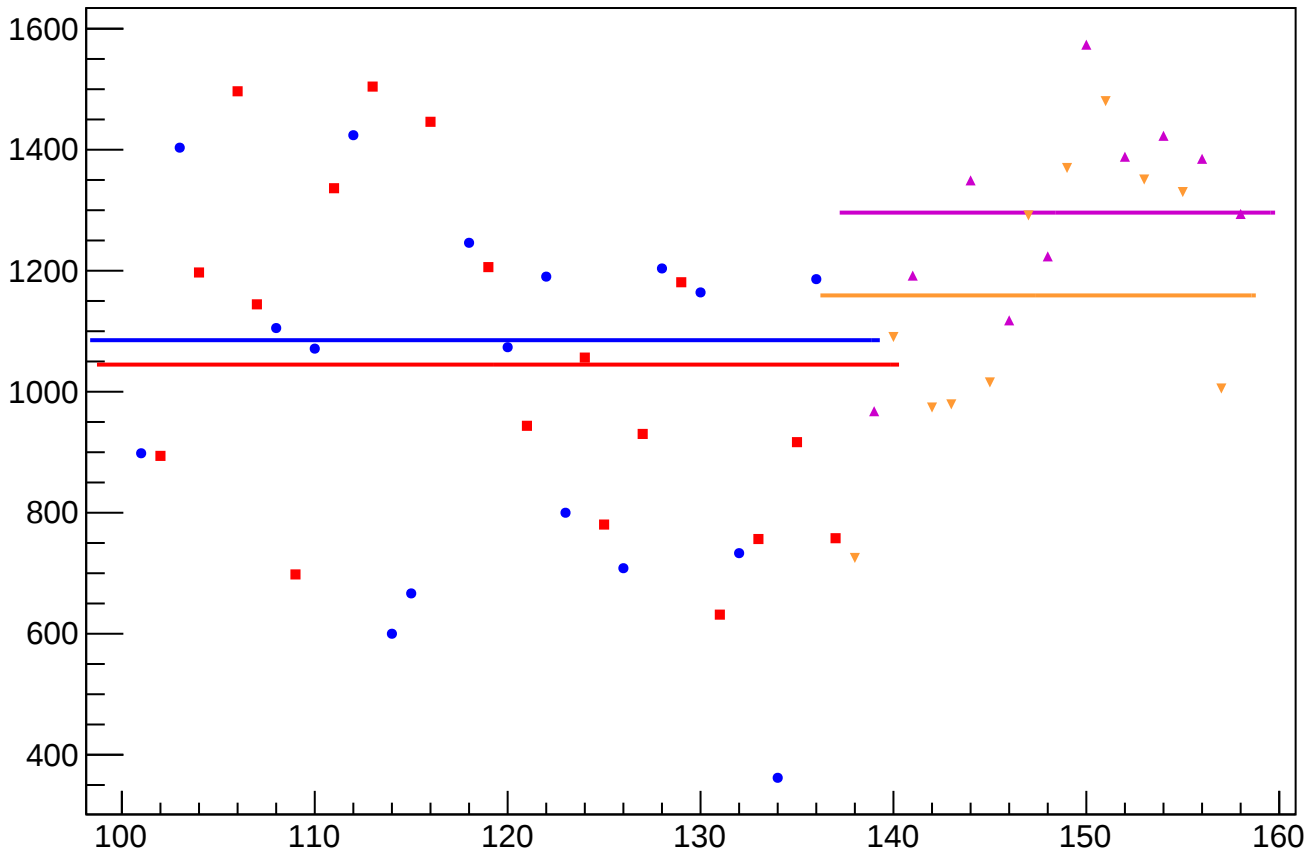
Left In: 3.985 $\pm$ 0.000 χ^2 /NDF: 1145535977499348033135101343694848.0/9

+ sign 4.101 $\pm$ 0.000 χ^2 /NDF: 52255668796820041

All: 4.042 $\pm$ 0.000 χ^2 /NDF: 89956345812503

- sign 3.984 $\pm$ 0.000 χ^2 /NDF: 37594631349748678

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

Left Out: 1159.191 $\pm$ 0.000 χ^2 /NDF: 40668516727116441678258052017682382848.0/10

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

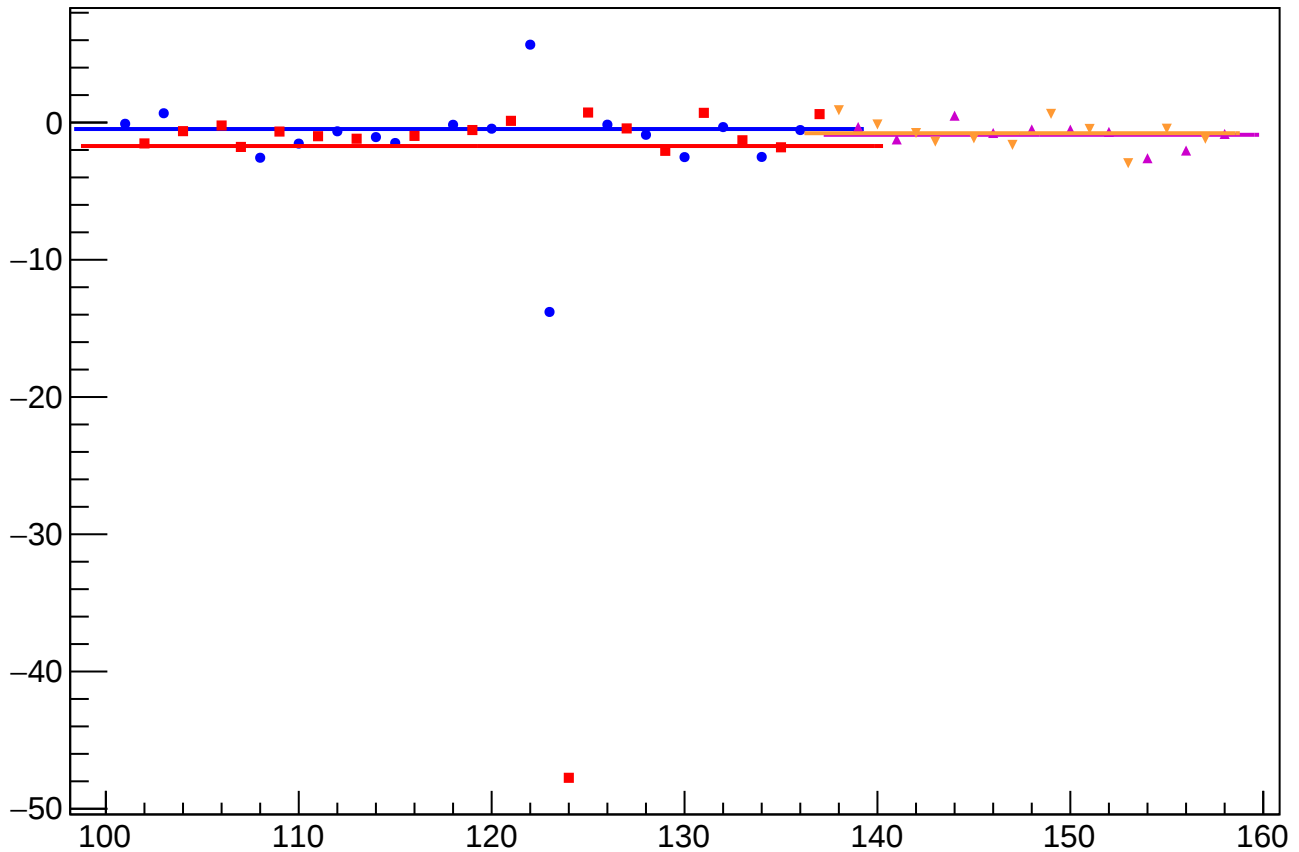
Left In: 1296.034 $\pm$ 0.000 χ^2 /NDF: 22794126955598242846656326276143382528.0/9

+ sign 1125.468 $\pm$ 0.000 χ^2 /NDF: 87340444395521

All: 1153.752 $\pm$ 0.000 χ^2 /NDF: 18788583623

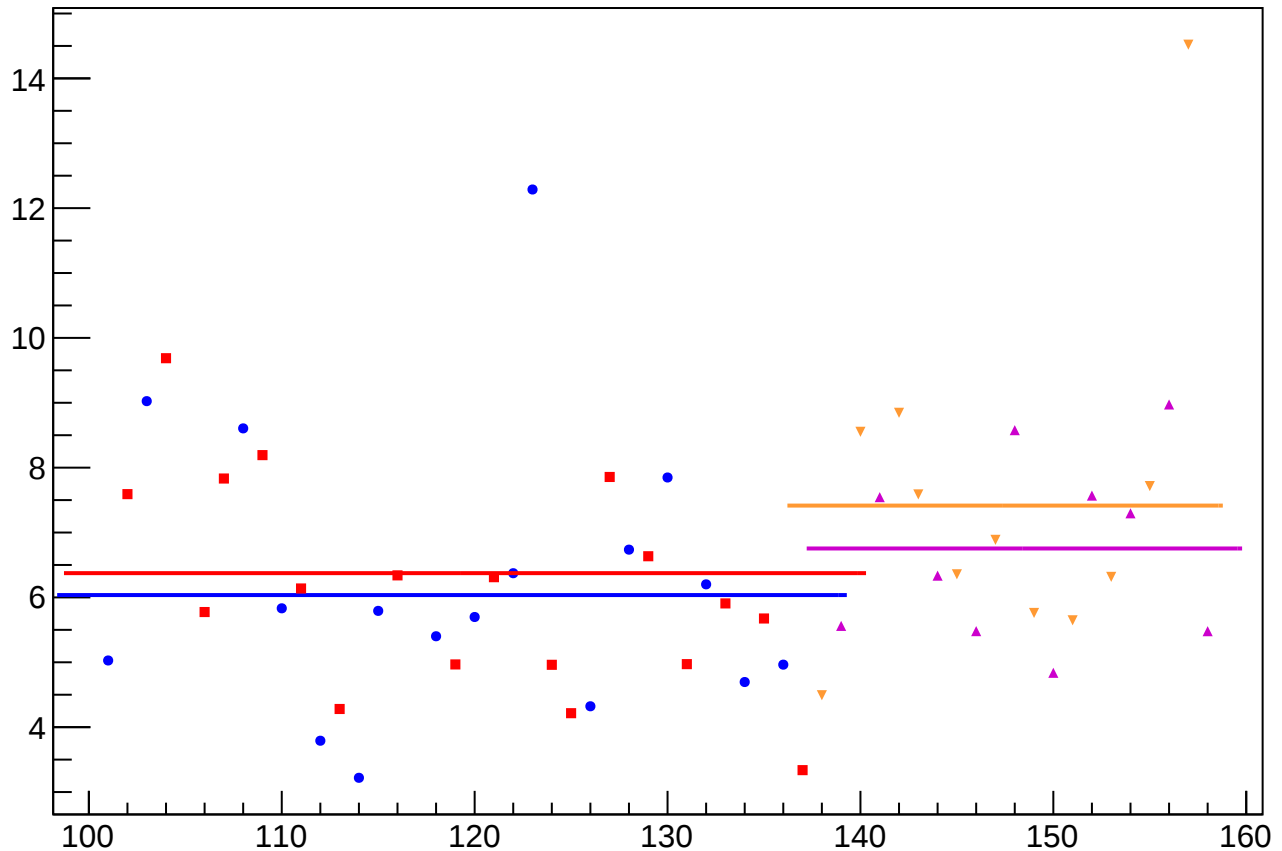
- sign 1181.277 $\pm$ 0.000 χ^2 /NDF: 98141372252081

dit_11X12X_coil4_mean vs Slug



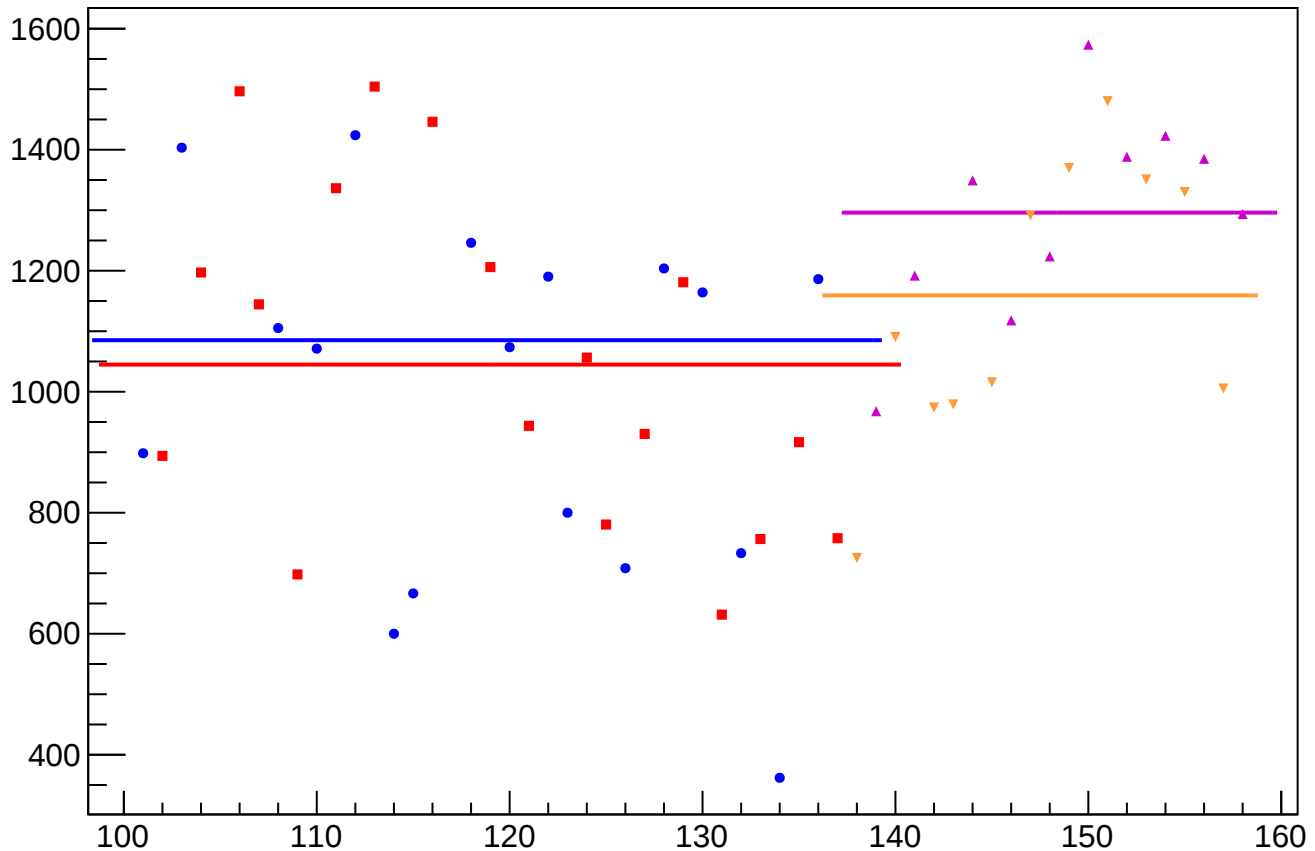
Right In: -0.473+/-0.000	χ^2/NDF : 2898613024888316123890745518063616.0/16	+ sign -0.639+/-0.000	χ^2/NDF : 3879012699659589
Left Out: -0.779+/-0.000	χ^2/NDF : 945143765868080279631228406071296.0/10	All: -0.958+/-0.000	χ^2/NDF : 3576456588716
Right Out: -1.712+/-0.000	χ^2/NDF : 30716645280339484063089556715470848.0/17	- sign -1.268+/-0.000	χ^2/NDF : 31580976150774807
Left In: -0.894+/-0.000	χ^2/NDF : 604329436733033974672655040643072.0/9		

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.036+/-0.000	χ^2/NDF : 1834282168572363767997793128415232.0/16
Left Out: 7.415+/-0.000	χ^2/NDF : 5293250352866474873075436246532096.0/10
Right Out: 6.374+/-0.000	χ^2/NDF : 1775962730889931898255737308053504.0/17
Left In: 6.754+/-0.000	χ^2/NDF : 1542071380986433434275660649463808.0/9
+ sign 6.787+/-0.000 χ^2/NDF : 78461017265709050 All: 6.682+/-0.000 χ^2/NDF : 11253123310412 - sign 6.580+/-0.000 χ^2/NDF : 33741259627021343	

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

Left Out: 1159.191 $\pm$ 0.000 χ^2 /NDF: 40668516727116441678258052017682382848.0/10

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

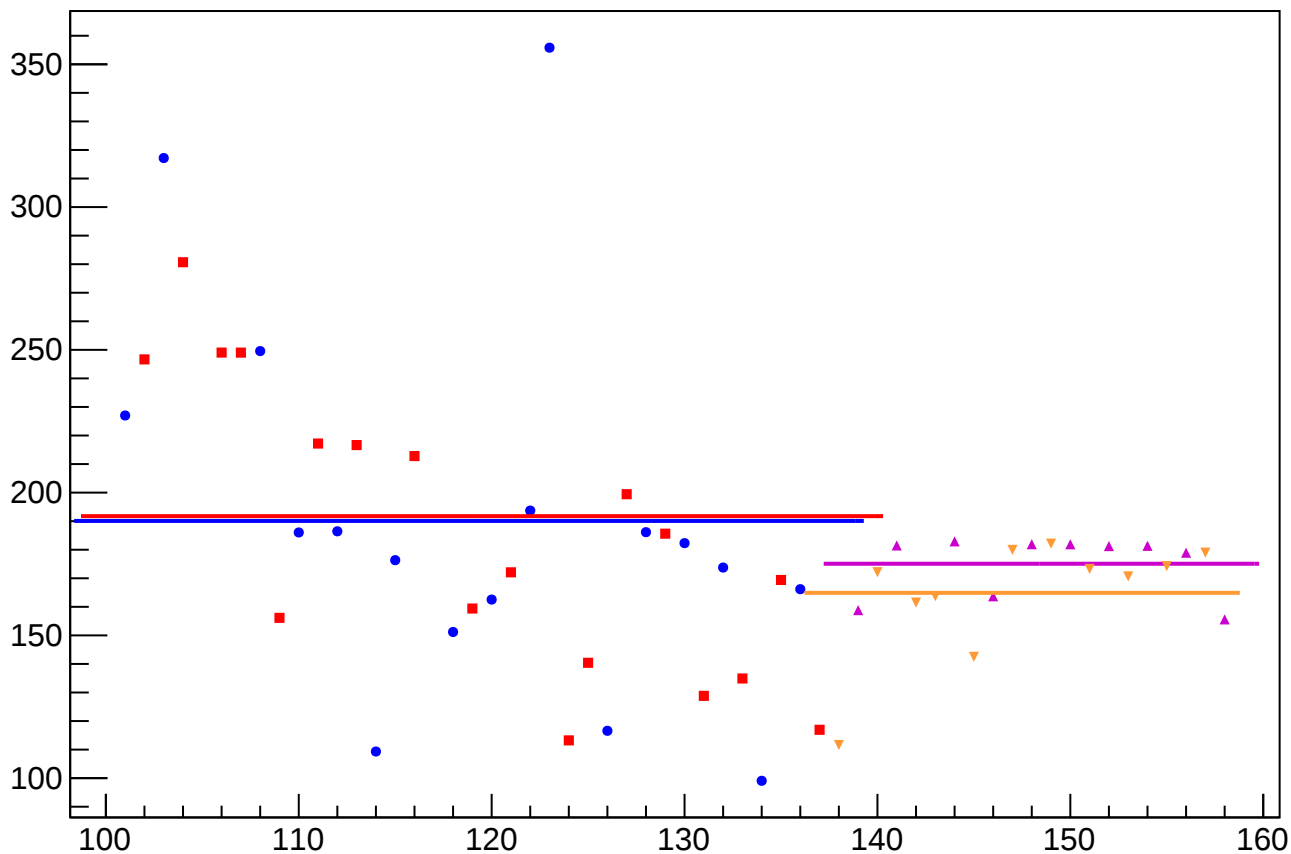
Left In: 1296.034 $\pm$ 0.000 χ^2 /NDF: 22794126955598242846656326276143382528.0/9

+ sign 1125.468 $\pm$ 0.000 χ^2 /NDF: 87340444395521

All: 1153.752 $\pm$ 0.000 χ^2 /NDF: 18788583623

- sign 1181.277 $\pm$ 0.000 χ^2 /NDF: 98141372252081

dit_4aY_coil4_mean vs Slug



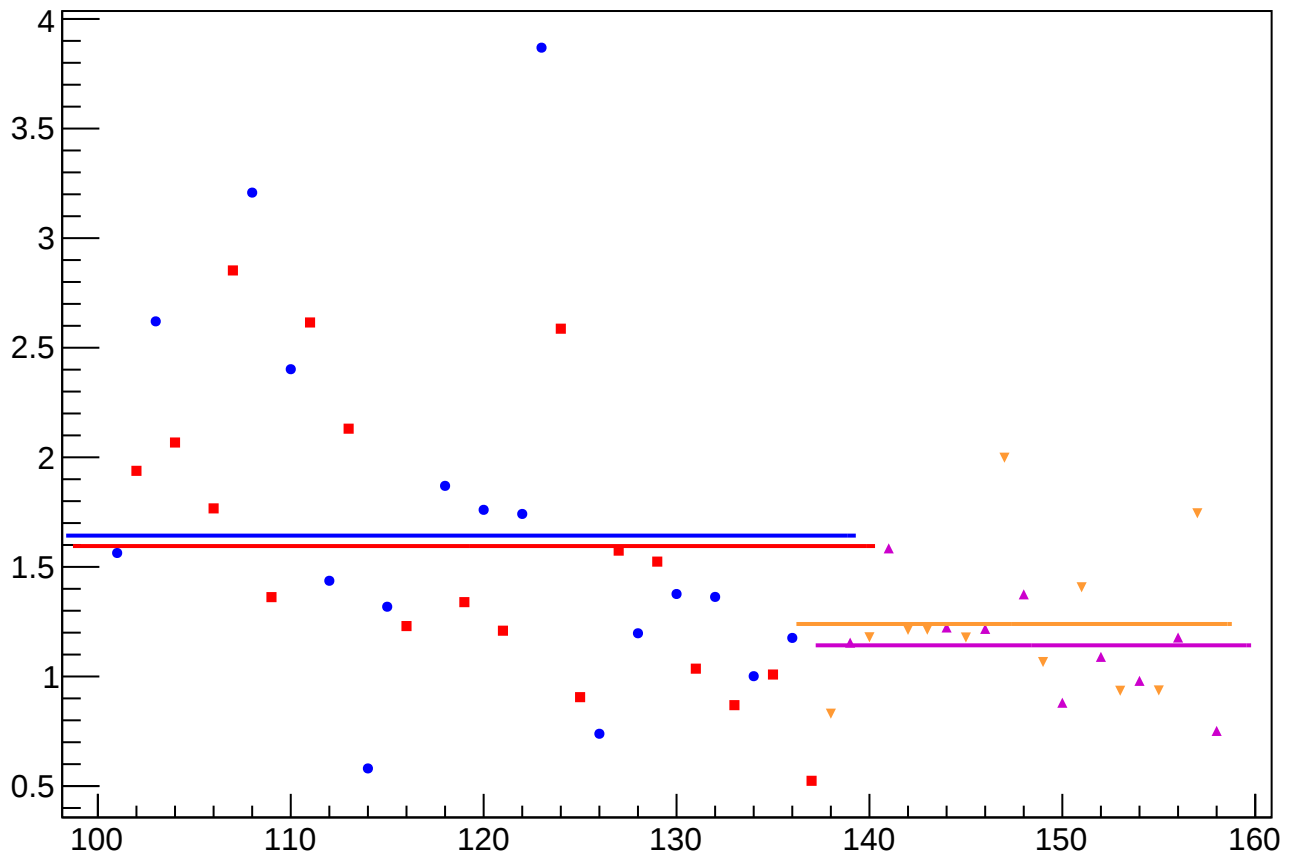
Right In: 190.085 $\pm$ 0.000 χ^2 /NDF: 1925698803891151227234396073587900416.0/16

Left Out: 164.901 $\pm$ 0.000 χ^2 /NDF: 338066652493527988638207101628317696.0/10

Right Out: 191.757 $\pm$ 0.000 χ^2 /NDF: 1600653754892471682568282524337831936.0/17

Left In: 175.094 $\pm$ 0.000 χ^2 /NDF: 88055279255055625809893708911345664.0/9

dit_4aY_coil4_err_mean vs Slug



Right In: 1.643 $\pm$ 0.000 χ^2 /NDF: 289253300871261454870716449030144.0/16

Left Out: 1.240 $\pm$ 0.000 χ^2 /NDF: 97444464431710466610209893646336.0/10

Right Out: 1.595 $\pm$ 0.000 χ^2 /NDF: 253487865182855947655895326916608.0/17

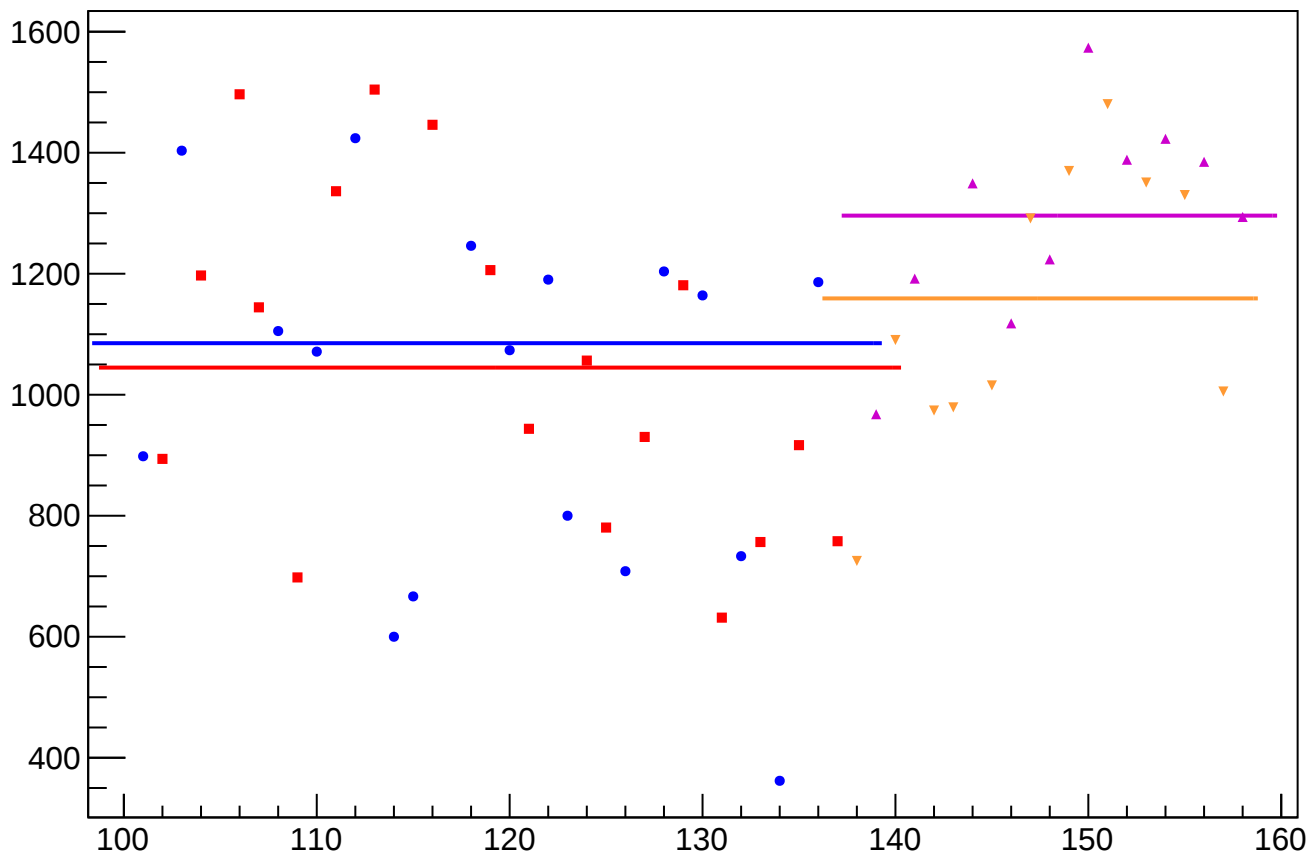
Left In: 1.142 $\pm$ 0.000 χ^2 /NDF: 43527394815352166974678879961088.0/9

+ sign 1.423 $\pm$ 0.000 χ^2 /NDF: 44811265937490491

All: 1.386 $\pm$ 0.000 χ^2 /NDF: 8290367685345

- sign 1.349 $\pm$ 0.000 χ^2 /NDF: 37667522073653134

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

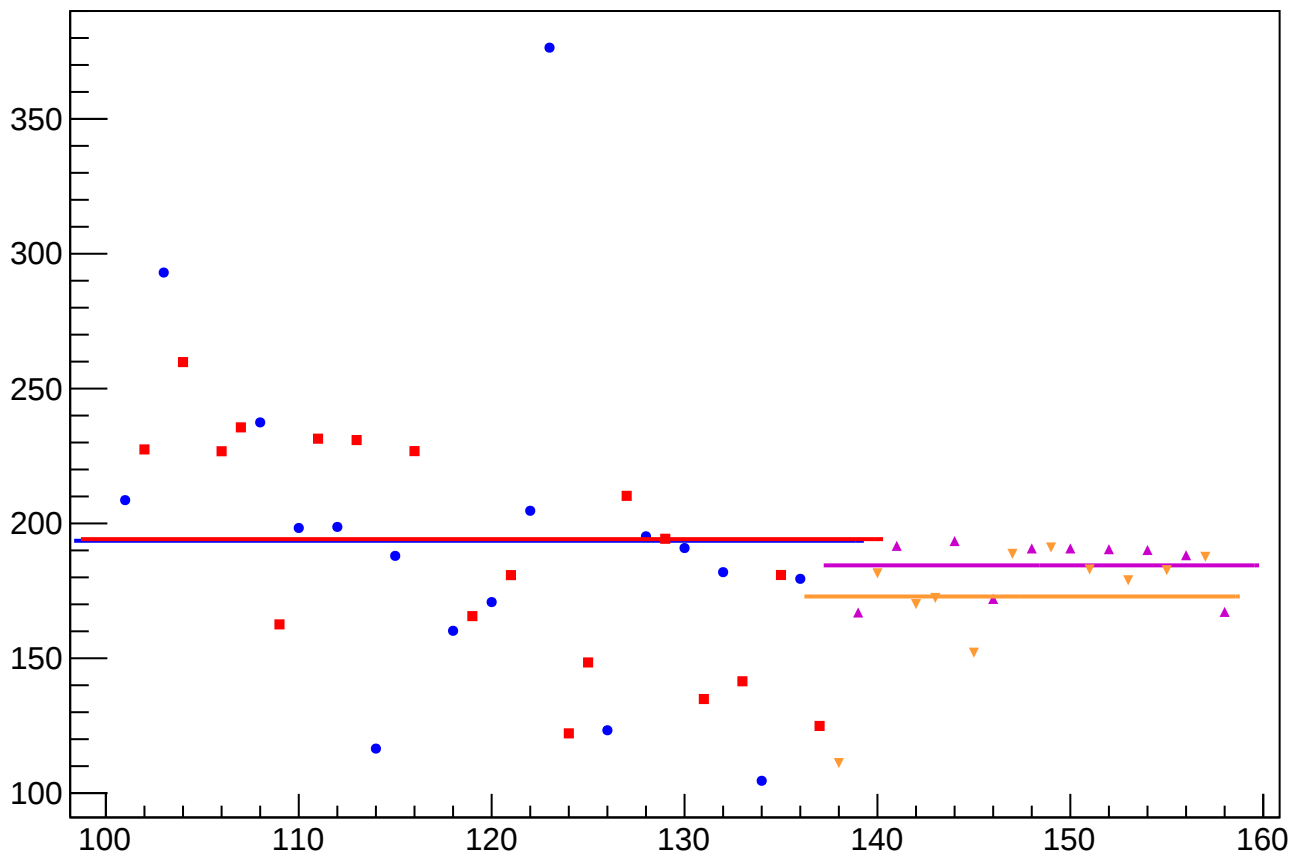
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1125.468+/-0.000 χ^2/NDF : 87340444395521

All: 1153.752+/-0.000 χ^2/NDF : 18788583623

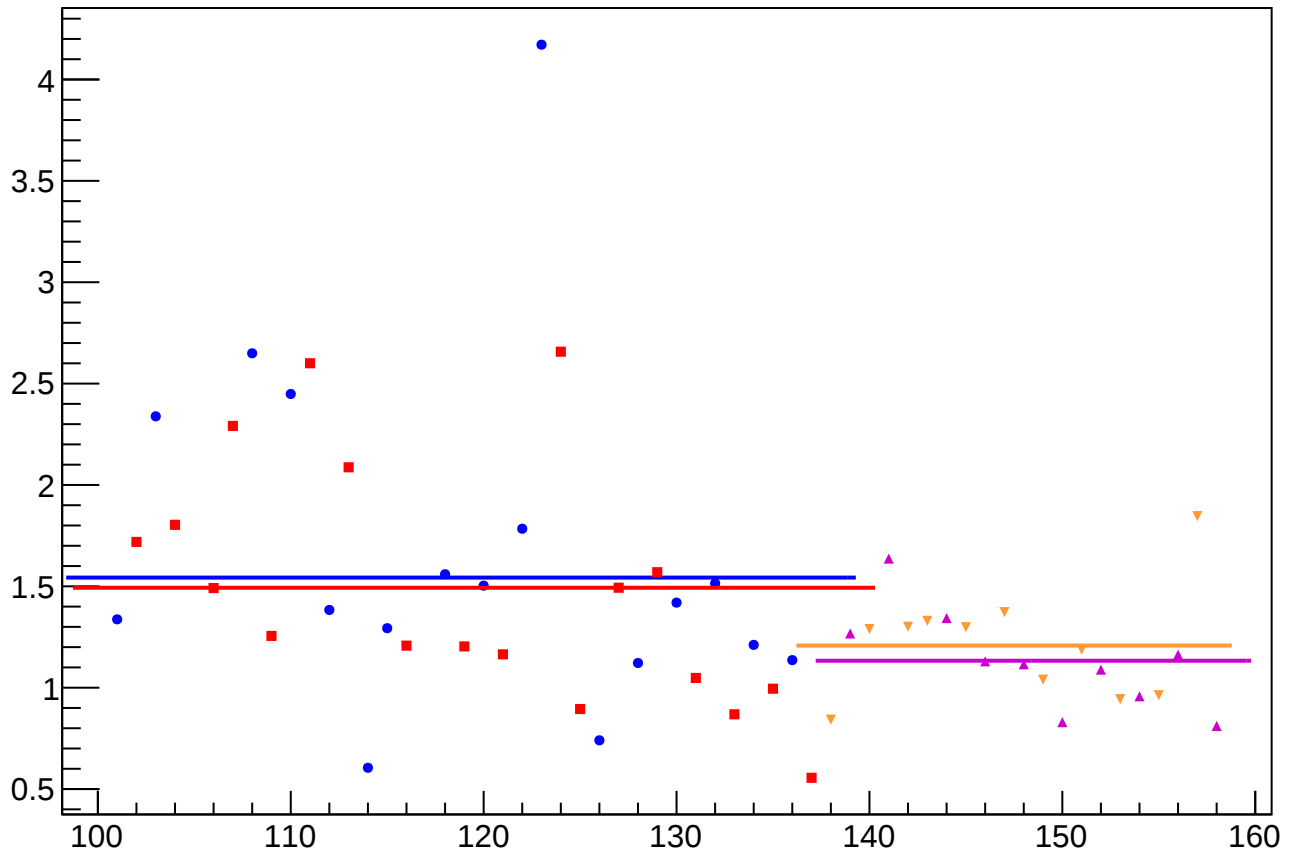
- sign 1181.277+/-0.000 χ^2/NDF : 98141372252081

dit_4eY_coil4_mean vs Slug



Right In: 193.573+/-0.000 χ^2/NDF : 1351064334288465855493252395600707584.0/16
 Left Out: 172.913+/-0.000 χ^2/NDF : 419610612336150814457339425761263616.0/10
 Right Out: 194.177+/-0.000 χ^2/NDF : 1137351144016205804609551236362928128.0/17
 Left In: 184.452+/-0.000 χ^2/NDF : 87430891974763424728709855568723968.0/9

dit_4eY_coil4_err_mean vs Slug



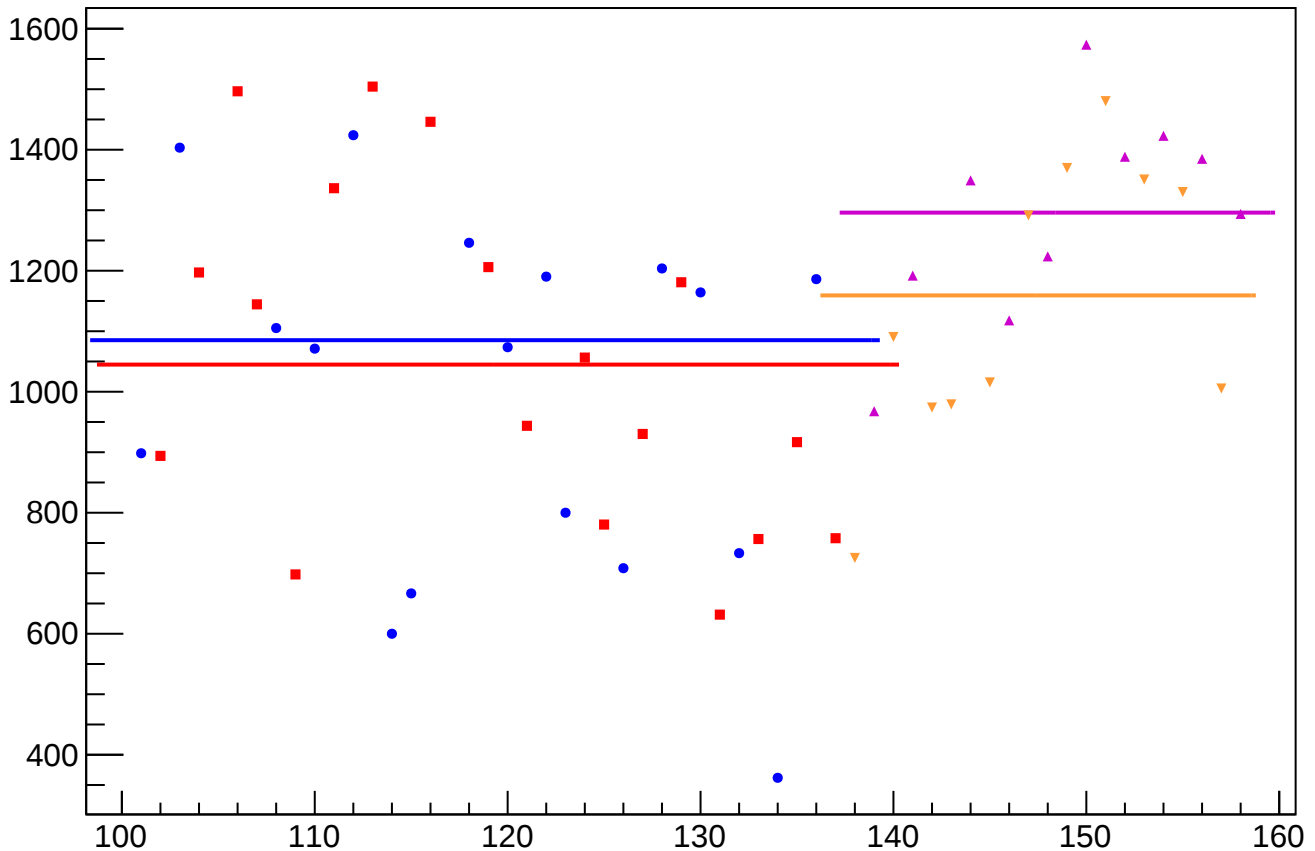
Right In: 1.543 $\pm$ 0.000 χ^2 /NDF: 211470615756148398389395258867712.0/16

Left Out: 1.208 $\pm$ 0.000 χ^2 /NDF: 58409605696875047850775924441088.0/10

Right Out: 1.493 $\pm$ 0.000 χ^2 /NDF: 198853919603996729553220305682432.0/17

Left In: 1.133 $\pm$ 0.000 χ^2 /NDF: 46721506528251241360869428297728.0/9

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

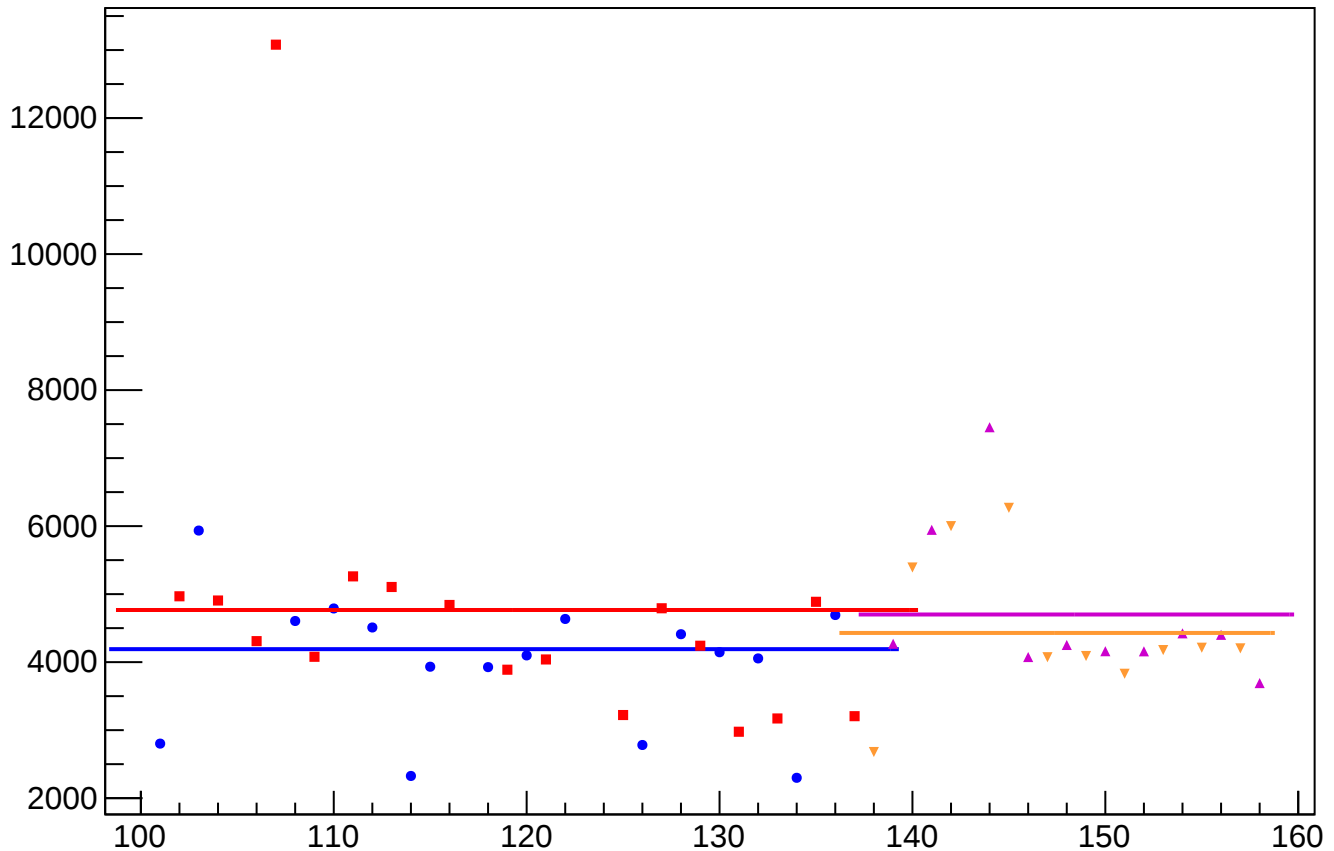
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1125.468+/-0.000 χ^2/NDF : 87340444395521

All: 1153.752+/-0.000 χ^2/NDF : 18788583623

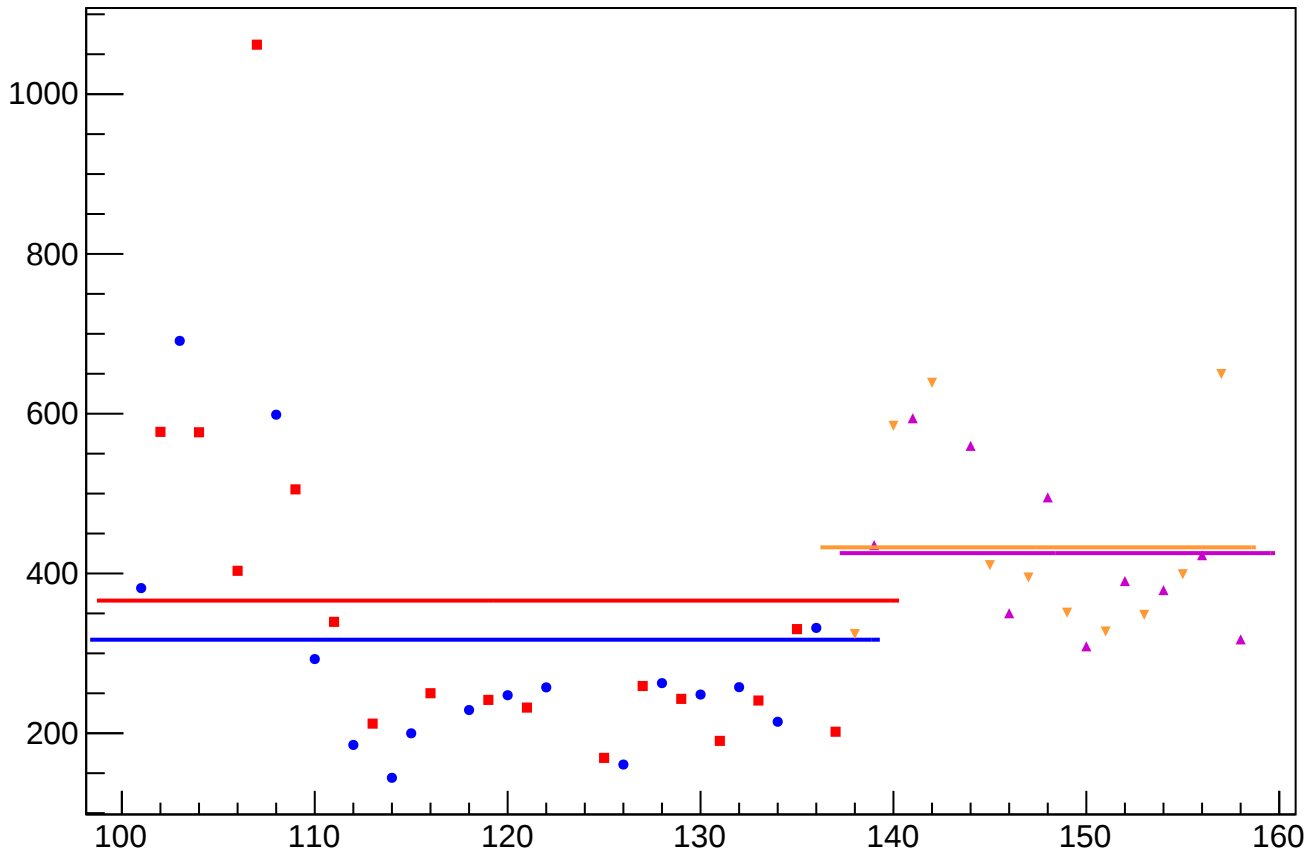
- sign 1181.277+/-0.000 χ^2/NDF : 98141372252081

dit_usl_coil4_mean vs Slug



Right In: 4190.973+/-0.000	χ^2/NDF : 554038134535494230935556440305969397760.0/15	+ sign 4316.054+/-0.000	χ^2/NDF : 13274338663538
Left Out: 4429.317+/-0.000	χ^2/NDF : 752825068047740525418223932414242062336.0/9	All: 4530.100+/-0.000	χ^2/NDF : 54463783759
Right Out: 4766.714+/-0.000	χ^2/NDF : 2969196242721495635889986773908602224640.0/16	- sign 4730.483+/-0.000	χ^2/NDF : 39901425016529
Left In: 4700.603+/-0.000	χ^2/NDF : 1019267152483596812819392912991862128640.0/9		

dit_usl_coil4_err_mean vs Slug



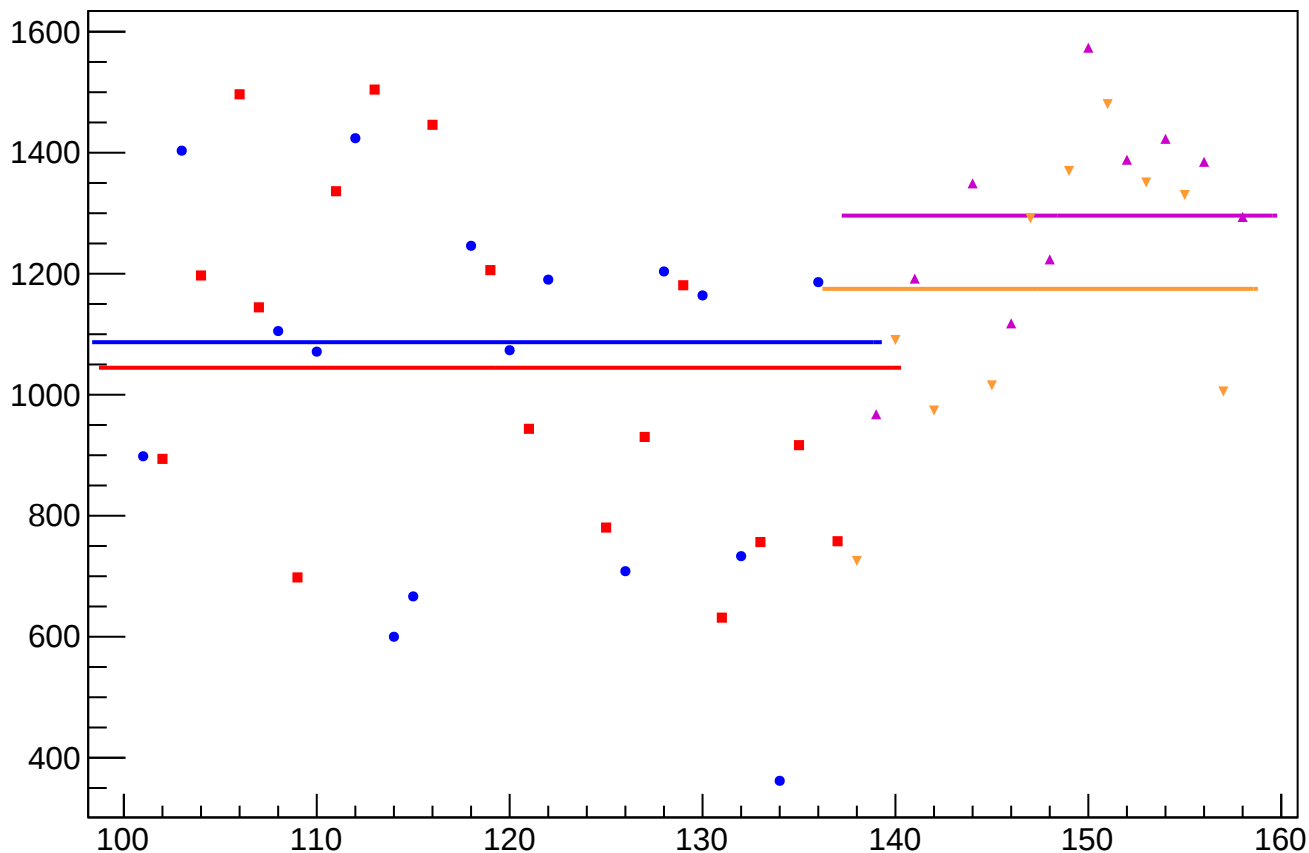
Right In: 317.084+/-0.000 χ^2/NDF : 15440276359245580191741047920465543168.0/15

Left Out: 432.700+/-0.000 χ^2/NDF : 10515412350297966714010241500283142144.0/9 + sign 377.759+/-0.000 χ^2/NDF : 307959765914830

Right Out: 366.053+/-0.000 χ^2/NDF : 31157973605683459615642144815175434240.0/16 All: 388.533+/-0.000 χ^2/NDF : 71032208060

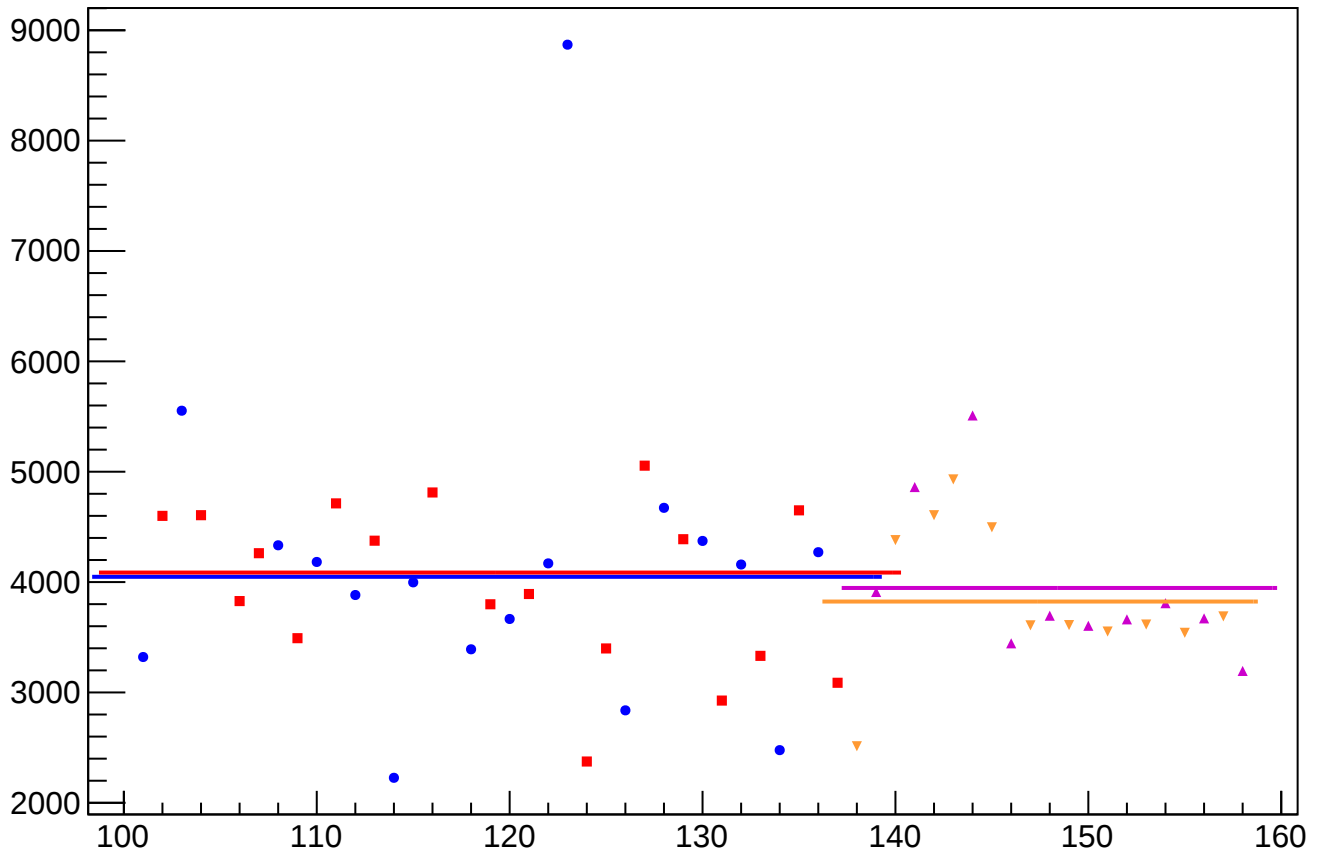
Left In: 425.477+/-0.000 χ^2/NDF : 7395328343935941956476828805549260800.0/9 - sign 398.619+/-0.000 χ^2/NDF : 399098874663156

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1086.839+/-0.000 χ^2/NDF : 44275849492978077110615226297834536960.0/15
 Left Out: 1175.025+/-0.000 χ^2/NDF : 38304585635409550232104201602006515712.0/9
 Right Out: 1044.621+/-0.000 χ^2/NDF : 50844042601115178022623217176499191808.0/16
 Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

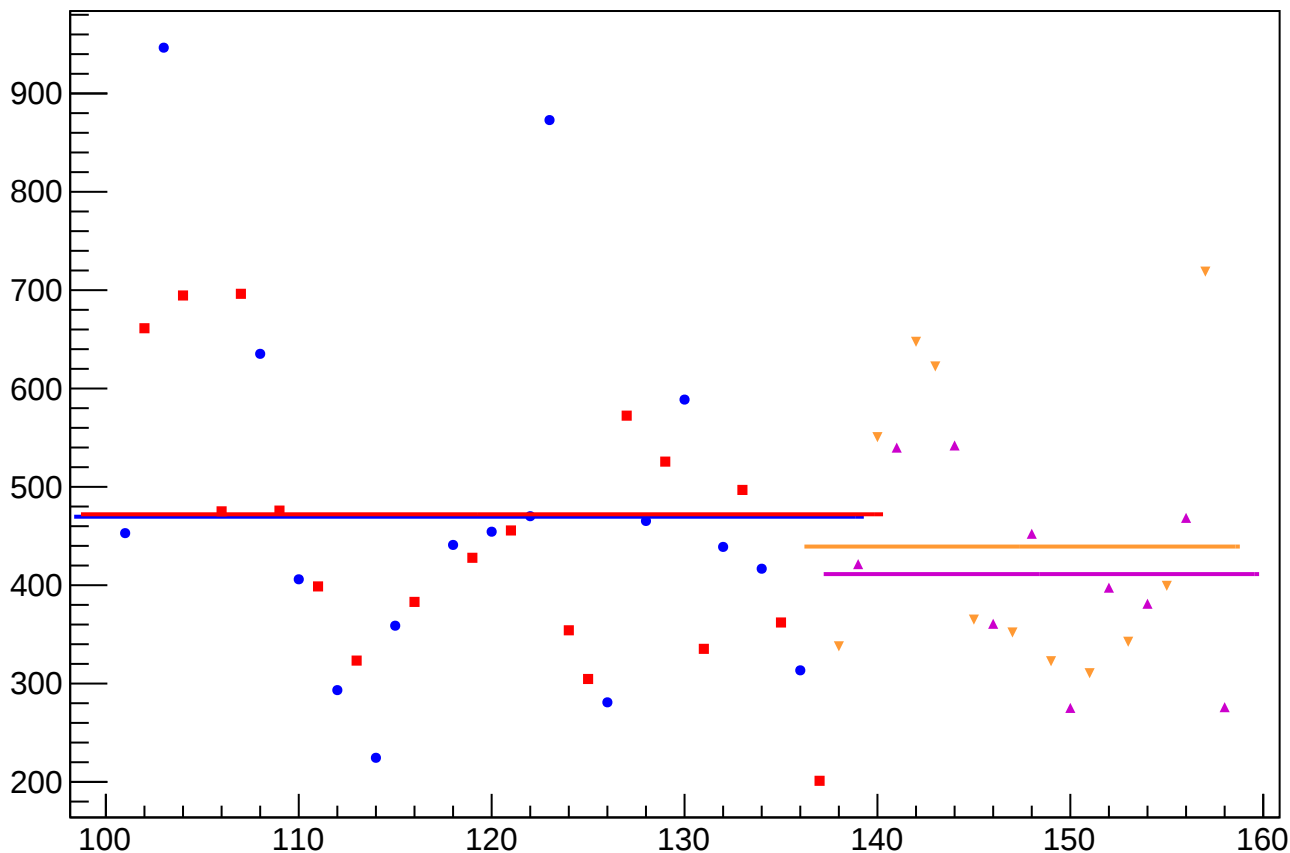
dit_usr_coil4_mean vs Slug



Right In: 4047.777+/-0.000	χ^2/NDF : 474277601546286209707812771687018004480.0/16
Left Out: 3823.636+/-0.000	χ^2/NDF : 329616058686219369119452122575991209984.0/10
Right Out: 4086.316+/-0.000	χ^2/NDF : 301982700213825275137563978140215148544.0/17
Left In: 3946.702+/-0.000	χ^2/NDF : 386055252248223646079932182874048954368.0/9

+ sign 3925.773+/-0.000 χ^2/NDF : 82287203951276
 All: 3968.706+/-0.000 χ^2/NDF : 15240188427
 - sign 4010.488+/-0.000 χ^2/NDF : 69560745747207

dit_usr_coil4_err_mean vs Slug



Right In: 469.645+/-0.000 χ^2/NDF : 22201042961896219188176863921652629504.0/16

Left Out: 439.302+/-0.000 χ^2/NDF : 16209660911273905540395127428964417536.0/10

Right Out: 472.112+/-0.000 χ^2/NDF : 12398871924669384395849092219212398592.0/17

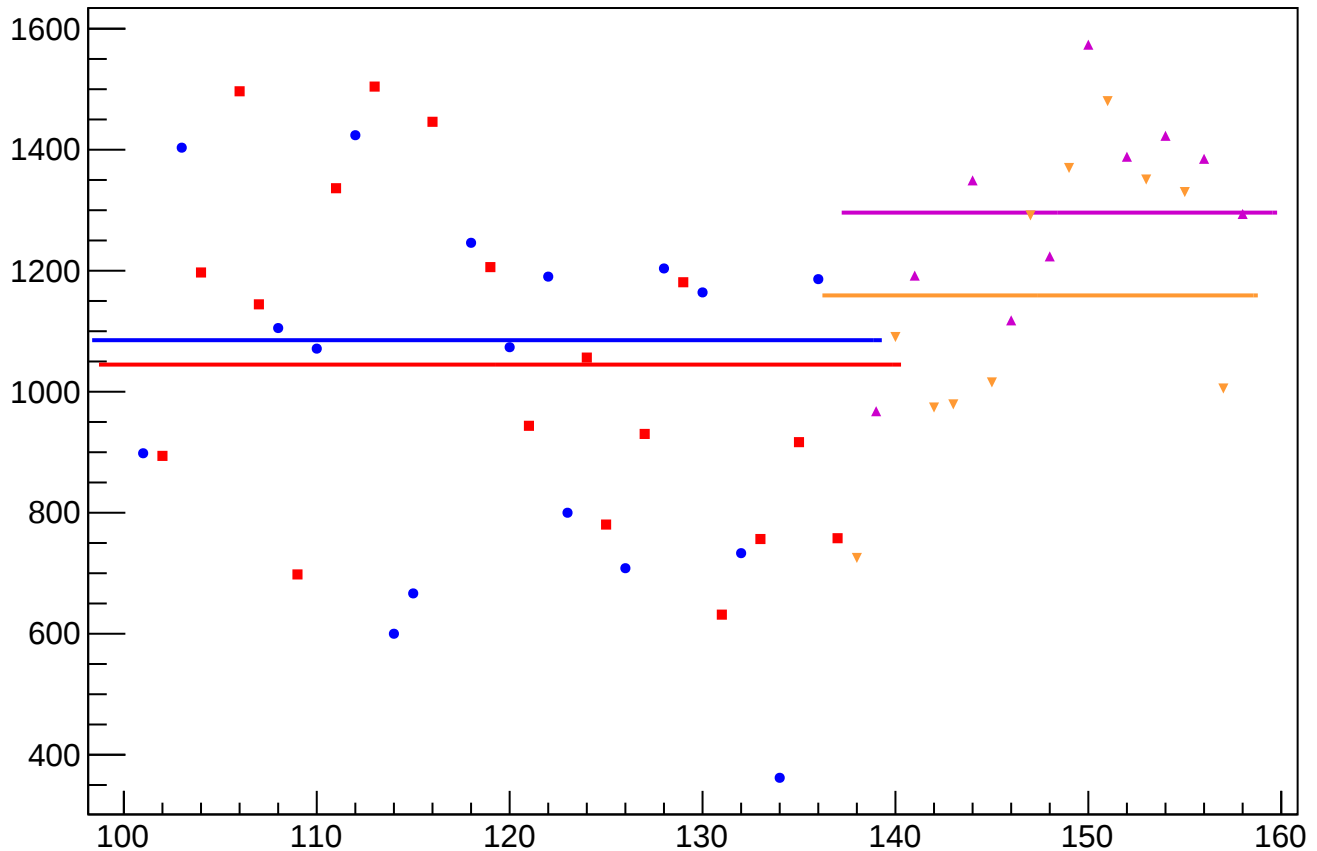
Left In: 411.304+/-0.000 χ^2/NDF : 6816700151663690645205608577334509568.0/9

+ sign 453.129+/-0.000 χ^2/NDF : 387585022282753

All: 446.012+/-0.000 χ^2/NDF : 595622374632

- sign 439.085+/-0.000 χ^2/NDF : 206514992633347

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

Left Out: 1159.191 $\pm$ 0.000 χ^2 /NDF: 40668516727116441678258052017682382848.0/10

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

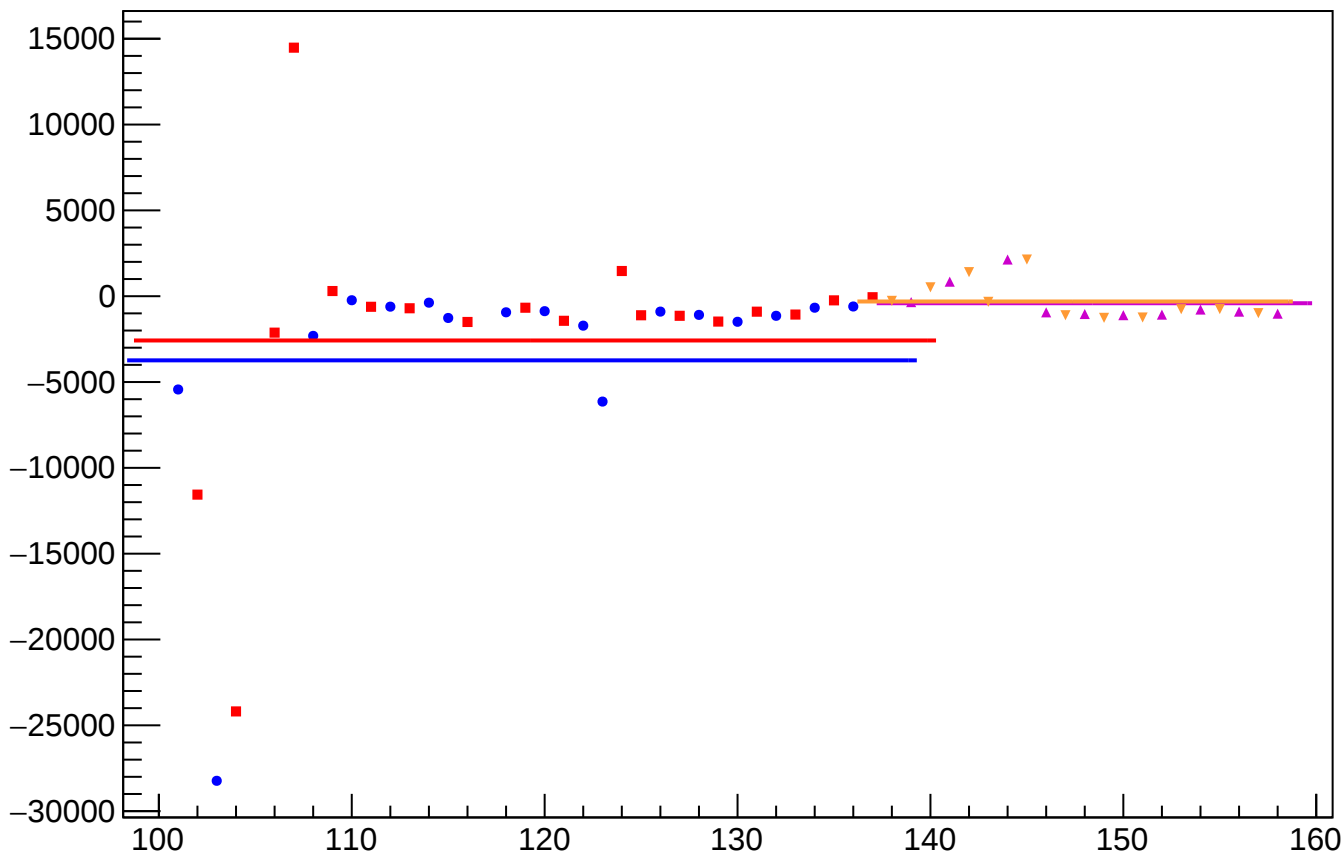
Left In: 1296.034 $\pm$ 0.000 χ^2 /NDF: 22794126955598242846656326276143382528.0/9

+ sign 1125.468 $\pm$ 0.000 χ^2 /NDF: 87340444395521

All: 1153.752 $\pm$ 0.000 χ^2 /NDF: 18788583623

- sign 1181.277 $\pm$ 0.000 χ^2 /NDF: 98141372252081

dit_atl1_coil4_mean vs Slug



Right In: -3737.261+/-0.000 χ^2/NDF : 39970682954500817220133496875438988853248.0/16

Left Out: -307.677+/-0.000 χ^2/NDF : 916567065144027513908519269742757806080.0/10

Right Out: -2578.788+/-0.000 χ^2/NDF : 41033783209718443304558448411646302879744.0/17

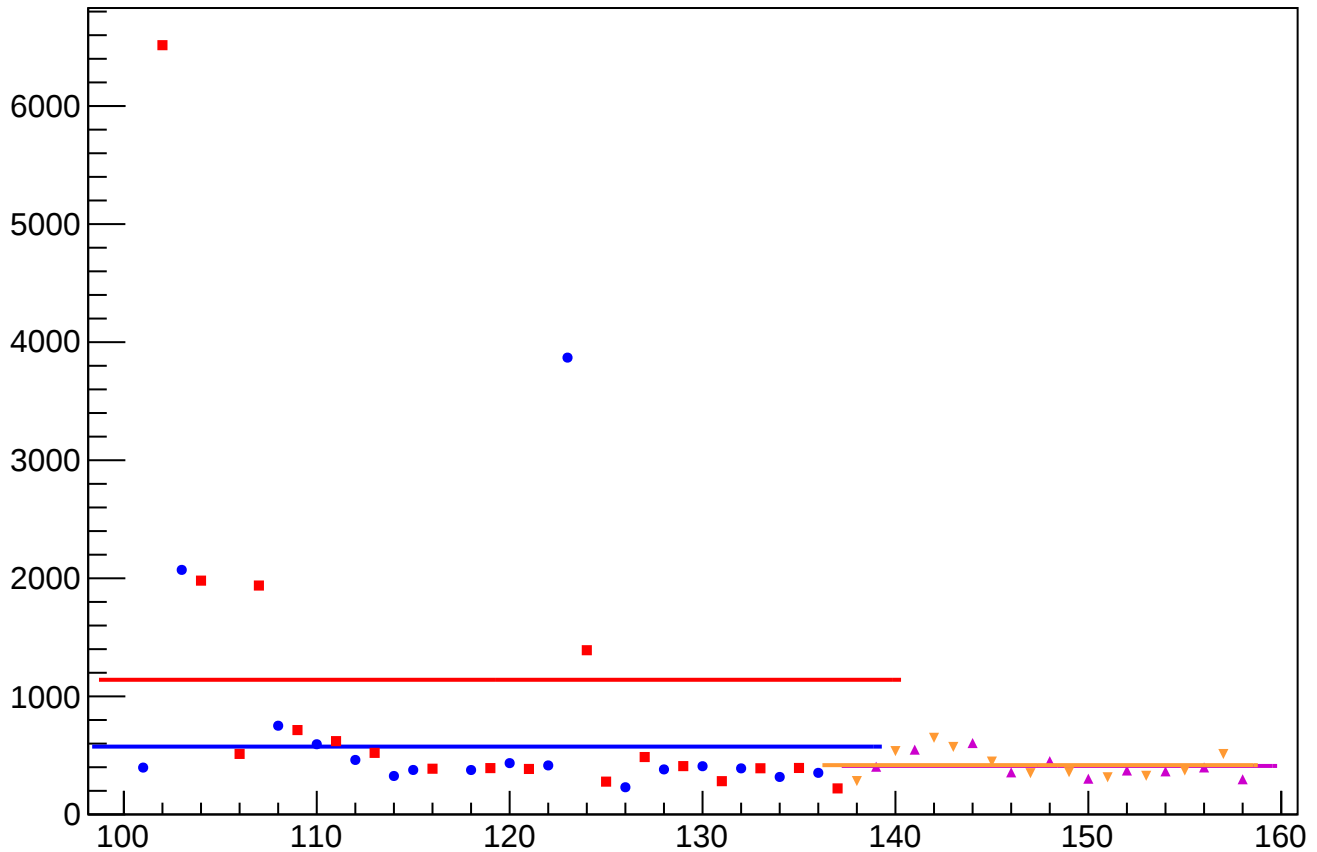
Left In: -409.312+/-0.000 χ^2/NDF : 911493765364362133140472418506784112640.0/9

All: -1632.277+/-0.000 χ^2/NDF : 8927399893

+ sign -1870.468+/-0.000 χ^2/NDF : 4533046129328

- sign -1400.478+/-0.000 χ^2/NDF : 43773041560233

dit_atl1_coil4_err_mean vs Slug



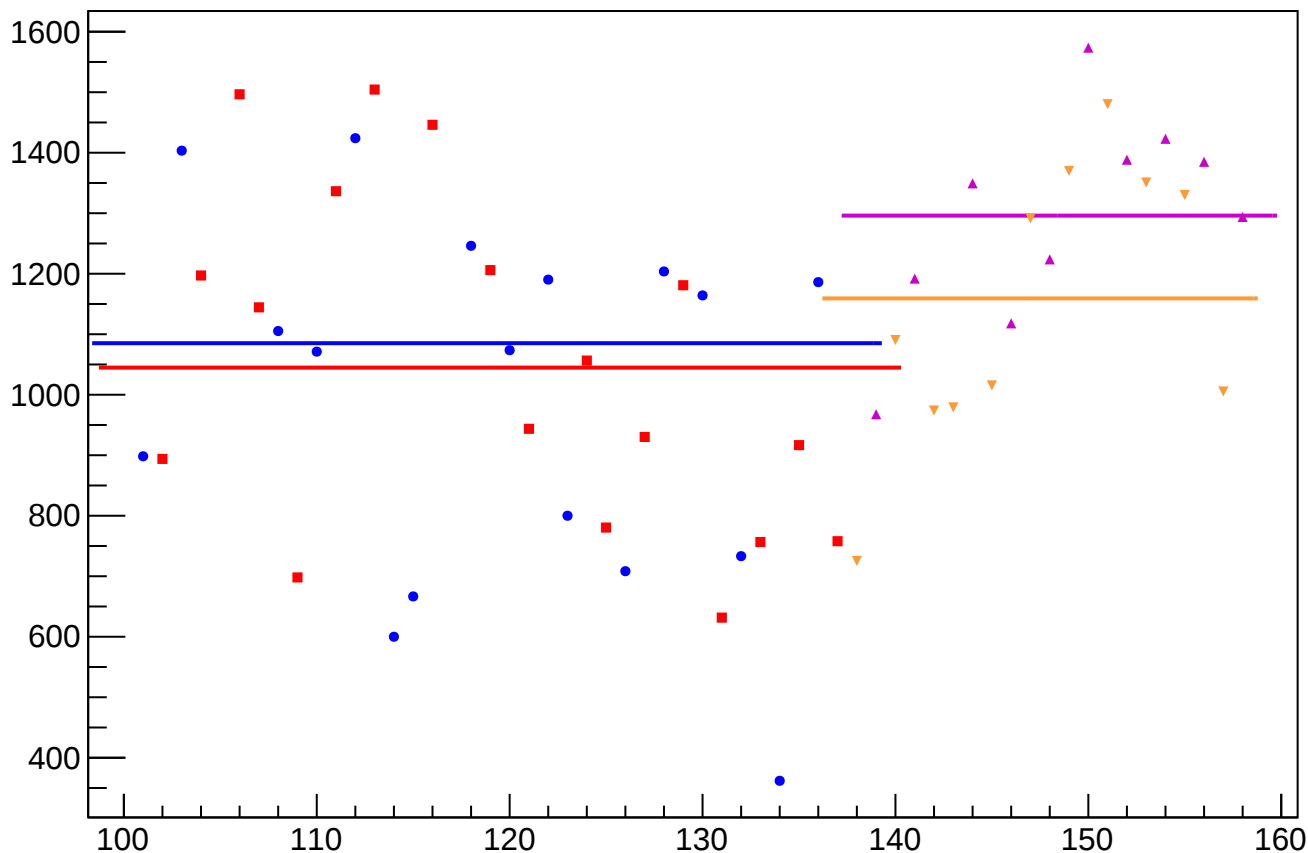
Right In: 574.655+/-0.000 χ^2/NDF : 199698400452439530730016550179978608640.0/16

Left Out: 417.586+/-0.000 χ^2/NDF : 9699447268835295105421524798030217216.0/10

Right Out: 1140.608+/-0.000 χ^2/NDF : 2013558101221942862779211693423515926528.0/17

Left In: 410.887+/-0.000 χ^2/NDF : 7773423183816230997959012605866541056.0/9

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

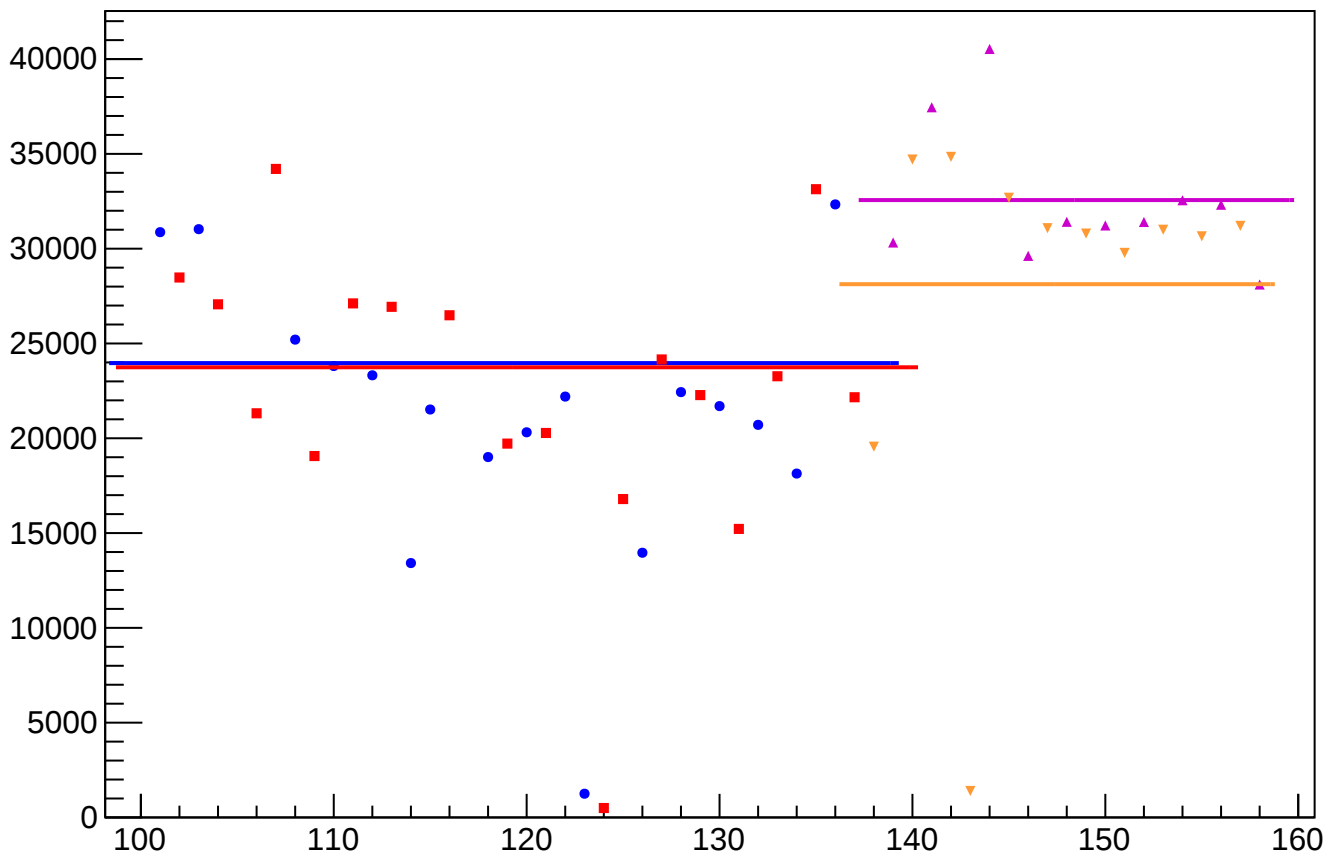
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1125.468+/-0.000 χ^2/NDF : 87340444395521

All: 1153.752+/-0.000 χ^2/NDF : 18788583623

- sign 1181.277+/-0.000 χ^2/NDF : 98141372252081

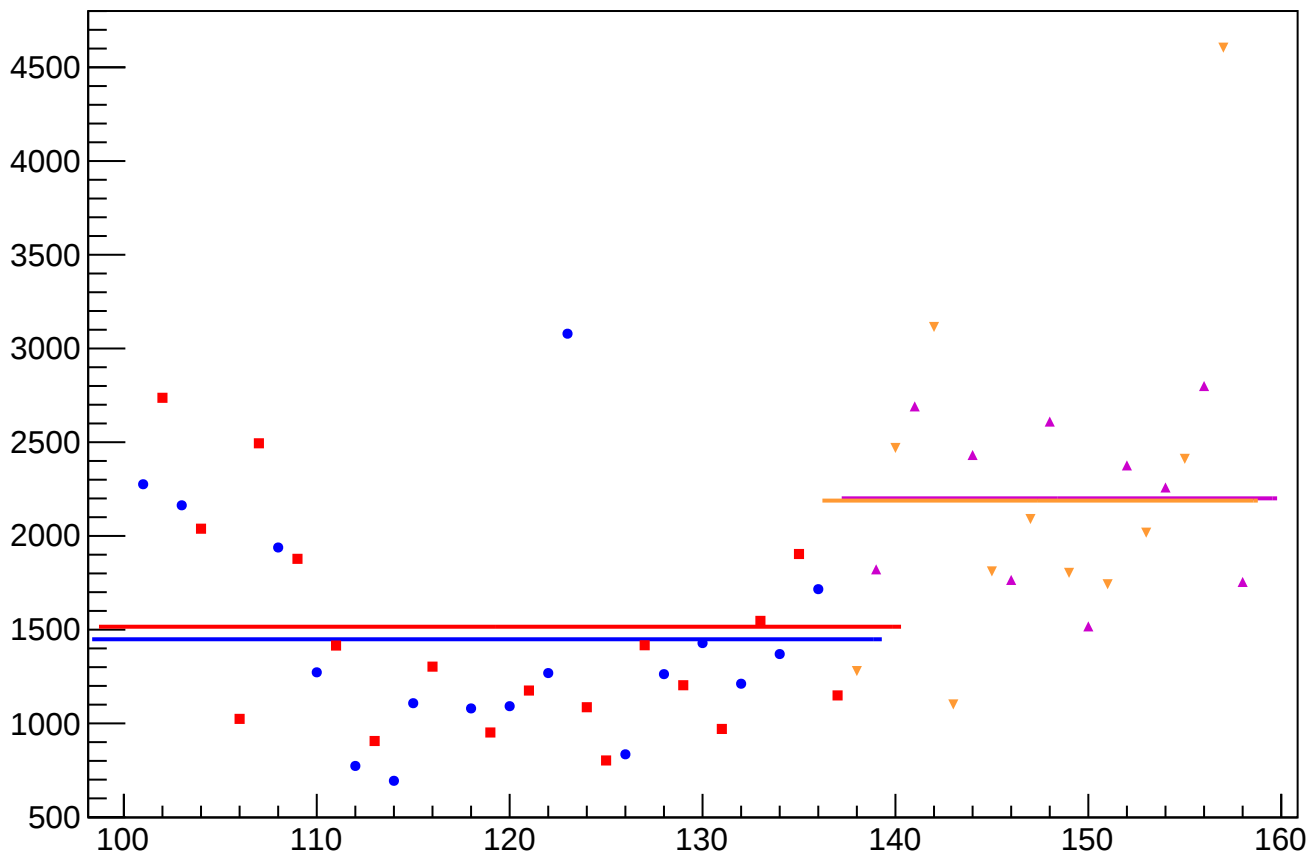
dit_atl2_coil4_mean vs Slug



Right In: 23965.147+/-0.000	χ^2/NDF : 22982900561545593794269983567622080299008.0/16
Left Out: 28127.004+/-0.000	χ^2/NDF : 64244552780879308559563800077522136203264.0/10
Right Out: 23743.519+/-0.000	χ^2/NDF : 25937218131071515690144071247519476088832.0/17
Left In: 32563.565+/-0.000	χ^2/NDF : 10815433566471030781374671098149322358784.0/9

+ sign 26230.531+/-0.000 χ^2/NDF : 9377062811973
 All: 27397.909+/-0.000 χ^2/NDF : 1648287007
 - sign 28533.959+/-0.000 χ^2/NDF : 6696276575549

dit_atl2_coil4_err_mean vs Slug



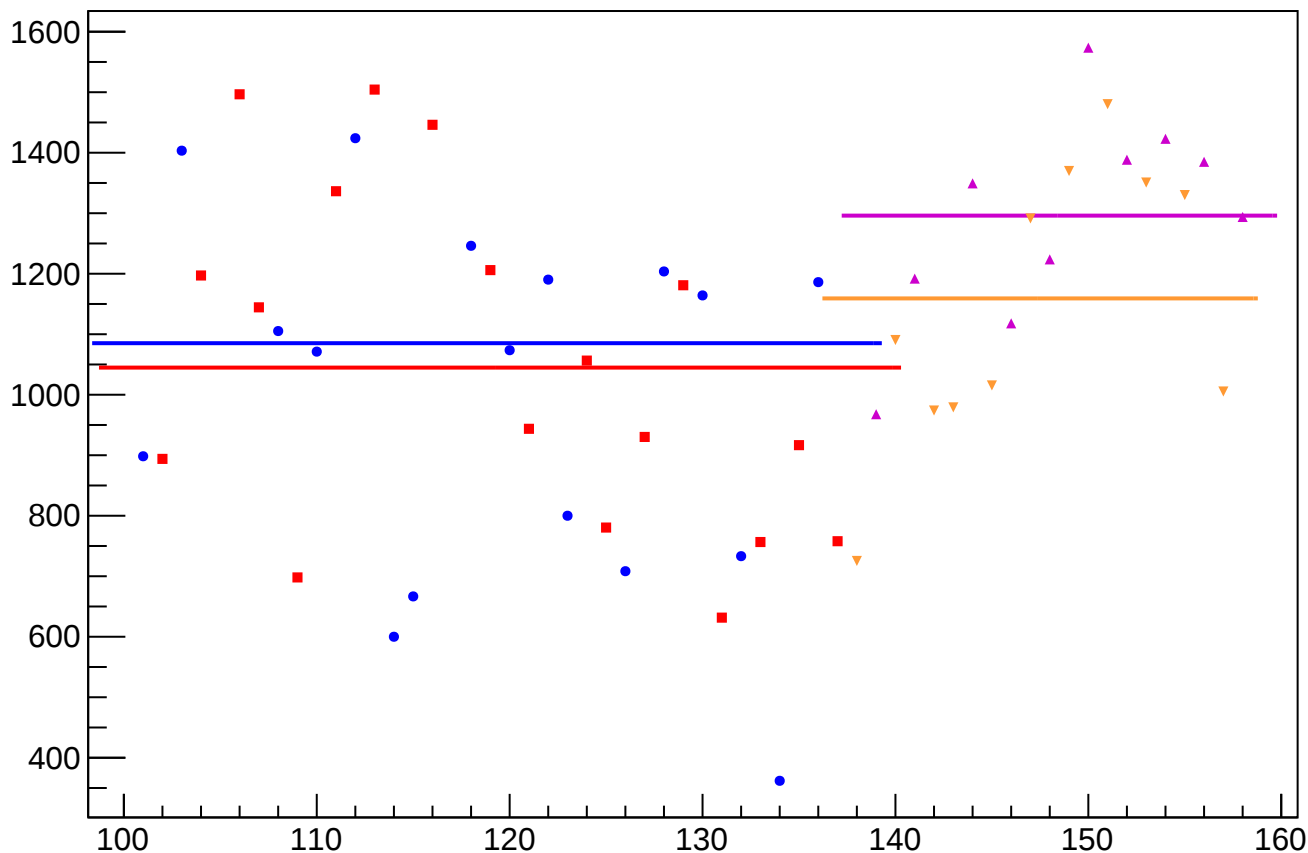
Right In: 1448.784 $\pm$ 0.000 χ^2 /NDF: 161243667372586677805499102921584803840.0/16

Left Out: 2188.598 $\pm$ 0.000 χ^2 /NDF: 667835503494033760436007383078002491392.0/10

Right Out: 1515.702 $\pm$ 0.000 χ^2 /NDF: 234412516405982646618467253110689497088.0/17

Left In: 2200.573 $\pm$ 0.000 χ^2 /NDF: 156918592182333588497247378044478291968.0/9

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

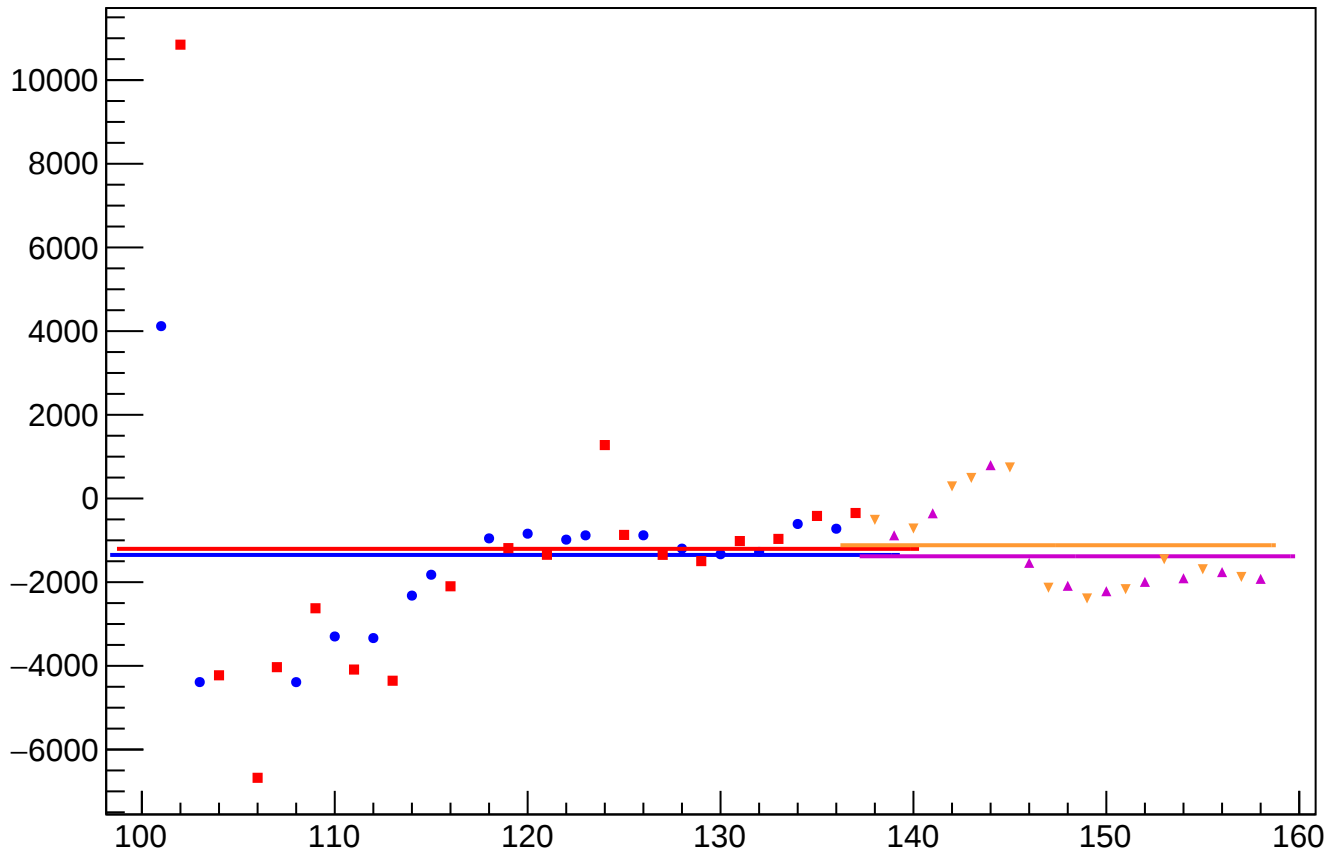
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1125.468+/-0.000 χ^2/NDF : 87340444395521

All: 1153.752+/-0.000 χ^2/NDF : 18788583623

- sign 1181.277+/-0.000 χ^2/NDF : 98141372252081

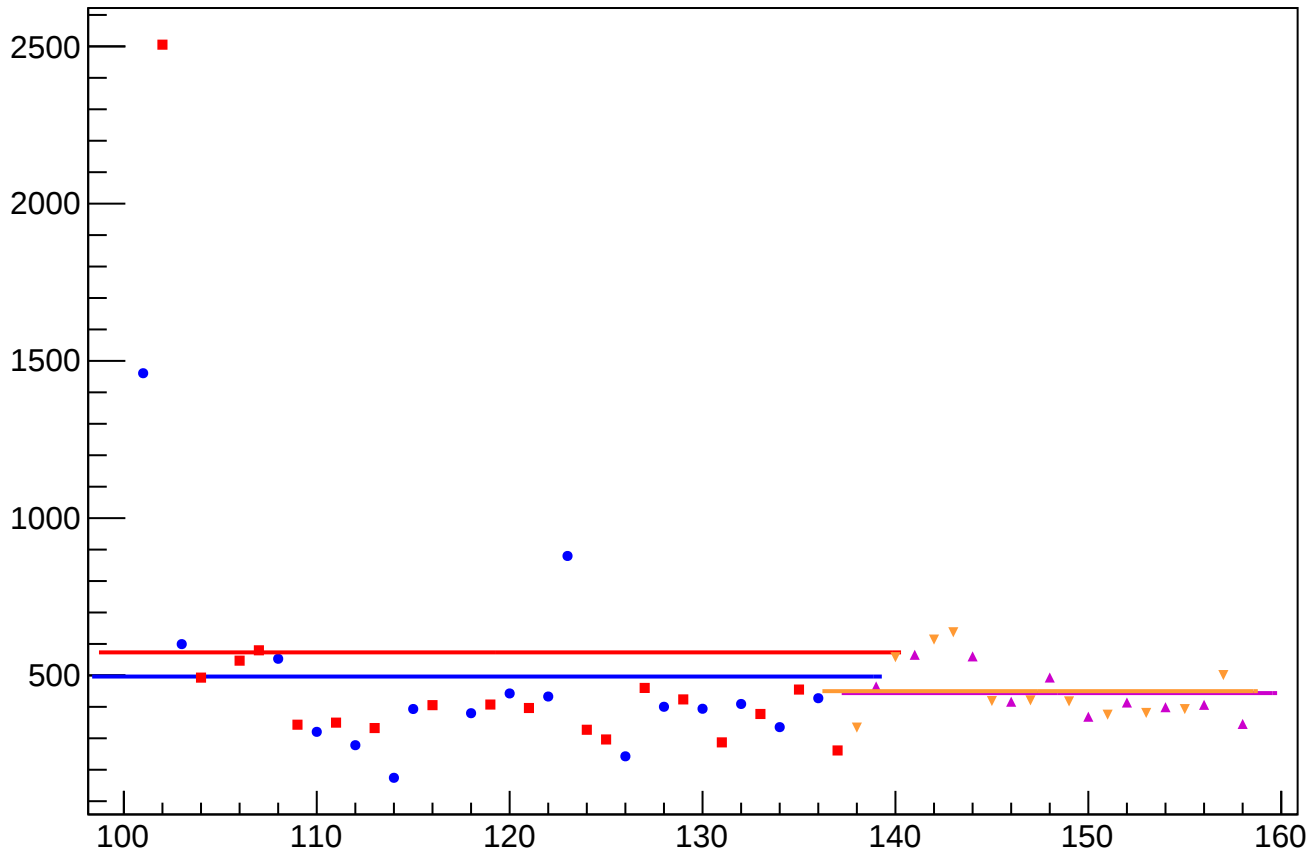
dit_atr1_coil4_mean vs Slug



Right In: -1349.176+/-0.000	χ^2/NDF : 3084941184045918680057306663363310256128.0/16
Left Out: -1117.276+/-0.000	χ^2/NDF : 955378764027849160357446033118270062592.0/10
Right Out: -1203.612+/-0.000	χ^2/NDF : 11193438968454164485978999260490441424896.0/17
Left In: -1381.347+/-0.000	χ^2/NDF : 731460916954511041945623108634791641088.0/9

+ sign -1222.948+/-0.000 χ^2/NDF : 4060634767431
 All: -1262.072+/-0.000 χ^2/NDF : 1600240188
 - sign -1300.145+/-0.000 χ^2/NDF : 11937167326090

dit_atr1_coil4_err_mean vs Slug



Right In: 496.351+/-0.000 χ^2/NDF : 66983748455015205041159290240142147584.0/16

Left Out: 449.877+/-0.000 χ^2/NDF : 7113831273705507107059264147460980736.0/10

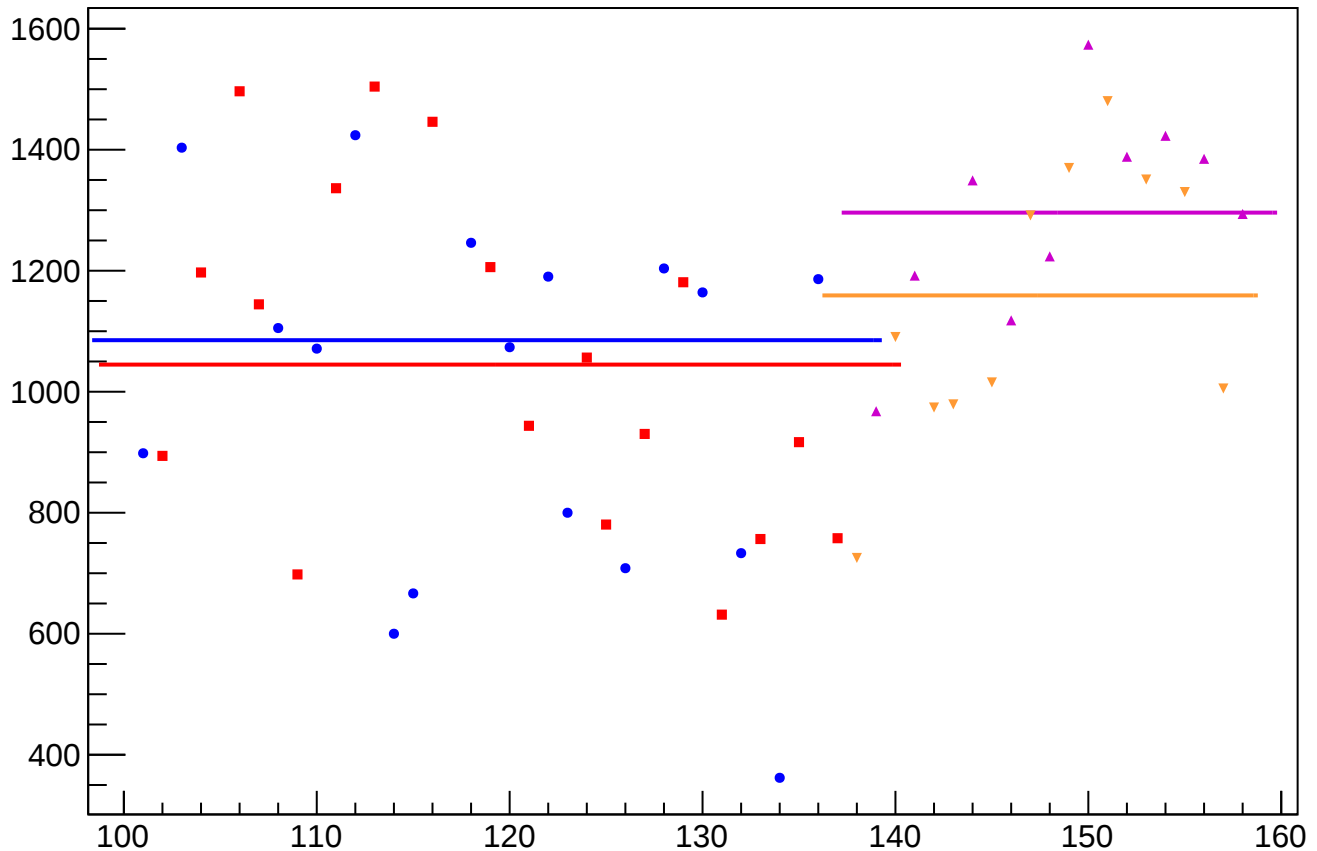
Right Out: 573.168+/-0.000 χ^2/NDF : 240073229917698868720276393416726675456.0/17

Left In: 443.727+/-0.000 χ^2/NDF : 4438325791545262343041254728679817216.0/9

All: 487.176+/-0.000 χ^2/NDF : 326712684762

- sign 502.865+/-0.000 χ^2/NDF : 251018134428918

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

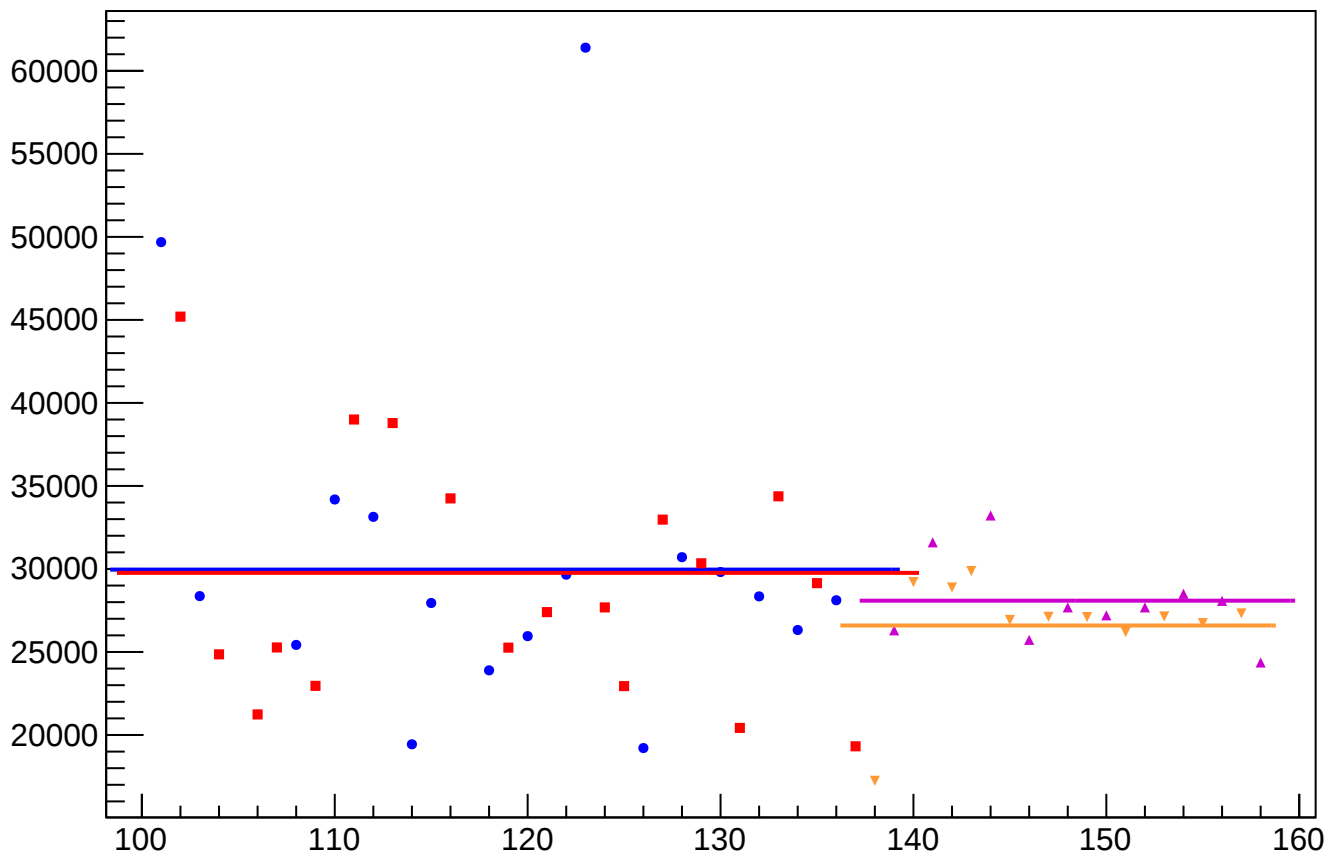
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

All: 1153.752+/-0.000 χ^2/NDF : 18788583623

+ sign 1125.468+/-0.000 χ^2/NDF : 87340444395521

- sign 1181.277+/-0.000 χ^2/NDF : 98141372252081

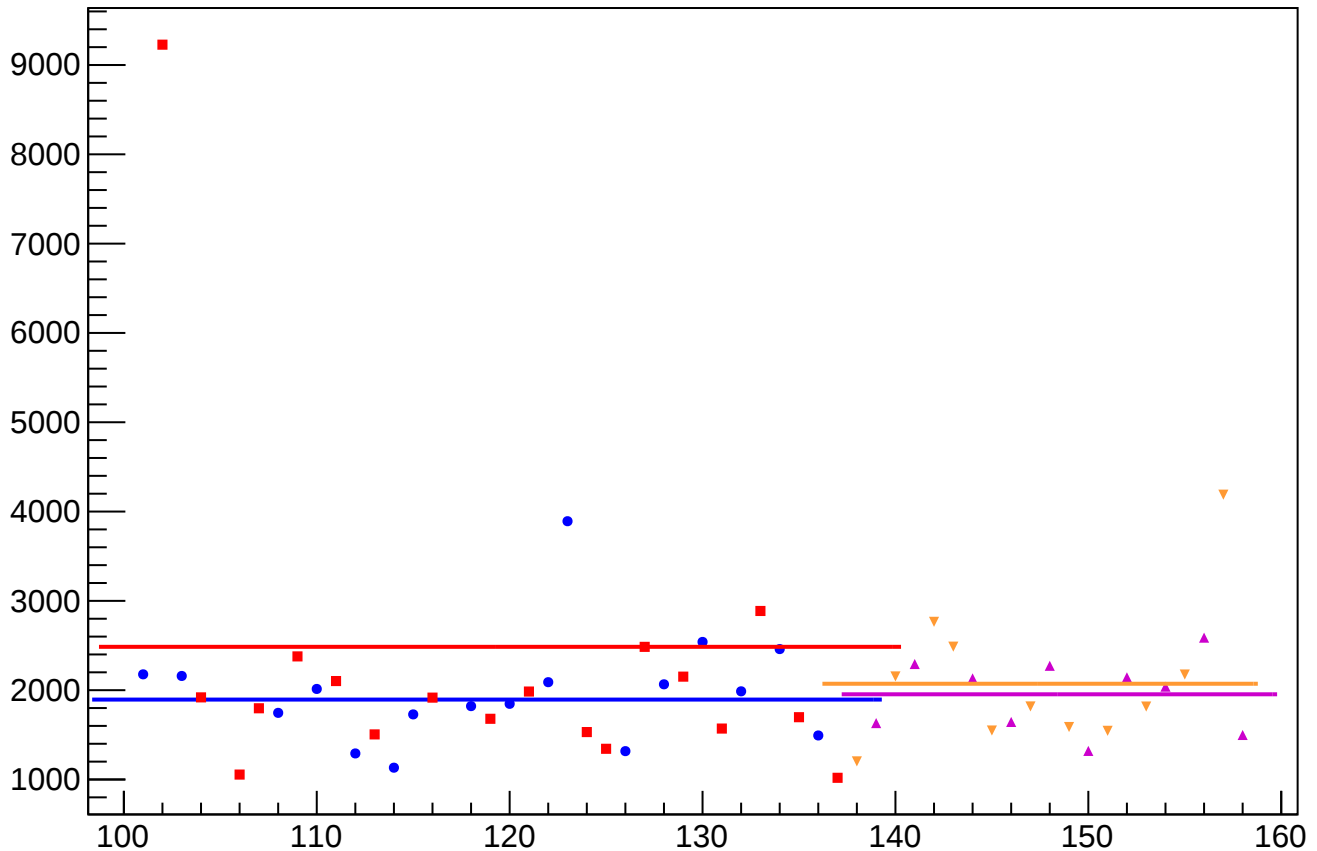
dit_atr2_coil4_mean vs Slug



Right In: 29960.563+/-0.000	χ^2/NDF : 38272709086570322906485359352807285587968.0/16
Left Out: 26595.240+/-0.000	χ^2/NDF : 8477224803962506410029810657659742846976.0/10
Right Out: 29764.245+/-0.000	χ^2/NDF : 38095124017741211444799459233695721848832.0/17
Left In: 28088.985+/-0.000	χ^2/NDF : 5350533319530368778733078115334634864640.0/9

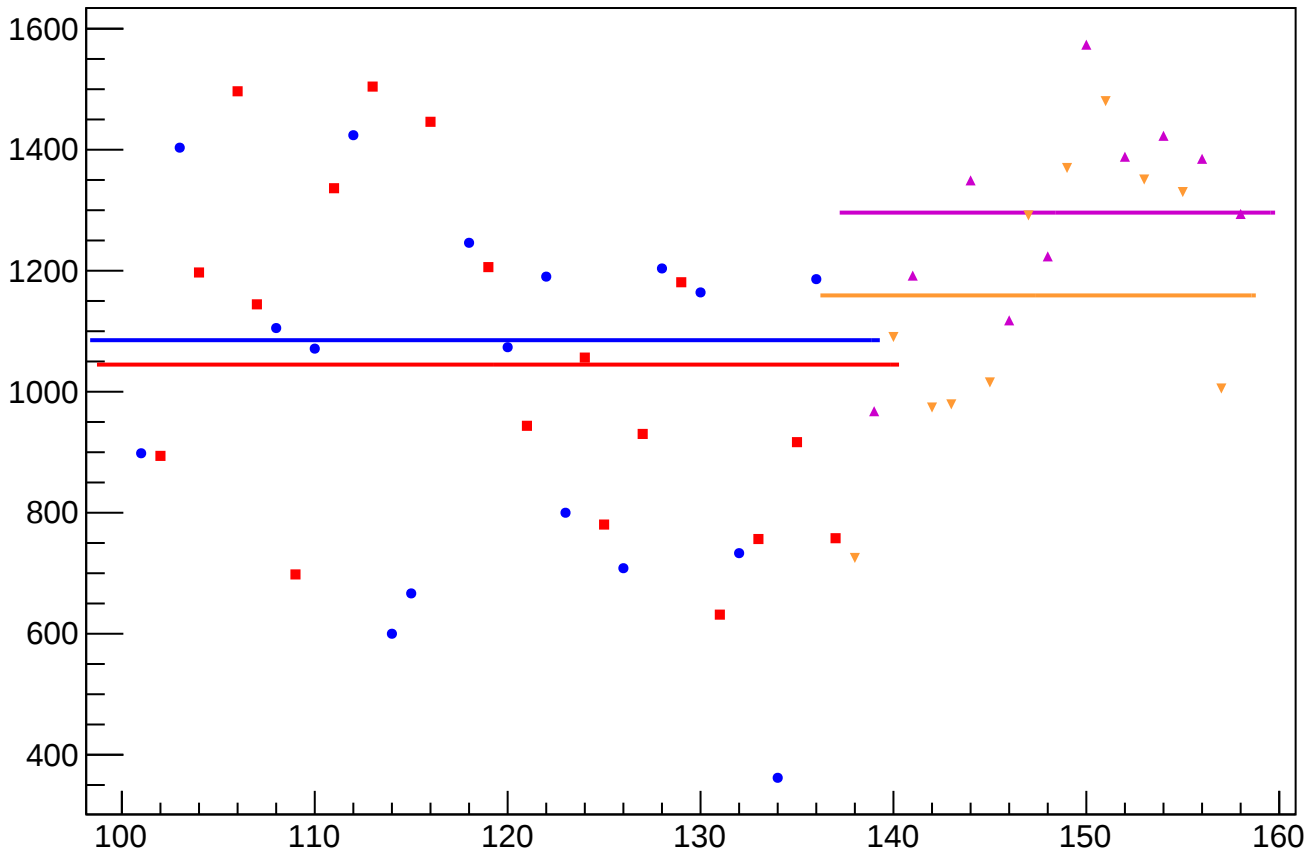
+ sign 28128.749+/-0.000 χ^2/NDF : 5102819817284
 All: 28496.489+/-0.000 χ^2/NDF : 9597011747
 - sign 28854.360+/-0.000 χ^2/NDF : 4453552844031

dit_atr2_coil4_err_mean vs Slug



Right In: 1894.762 ± 0.000 $\chi^2/\text{NDF}: 112136505207273757562412234872415322112.0/16$
 Left Out: 2071.970 ± 0.000 $\chi^2/\text{NDF}: 498727957413121328475303501873446649856.0/10$
 Right Out: 2485.438 ± 0.000 $\chi^2/\text{NDF}: 3007798896738182941908815432963258843136.0/17$
 Left In: 1953.968 ± 0.000 $\chi^2/\text{NDF}: 126889877564050718219729384856407244800.0/9$

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

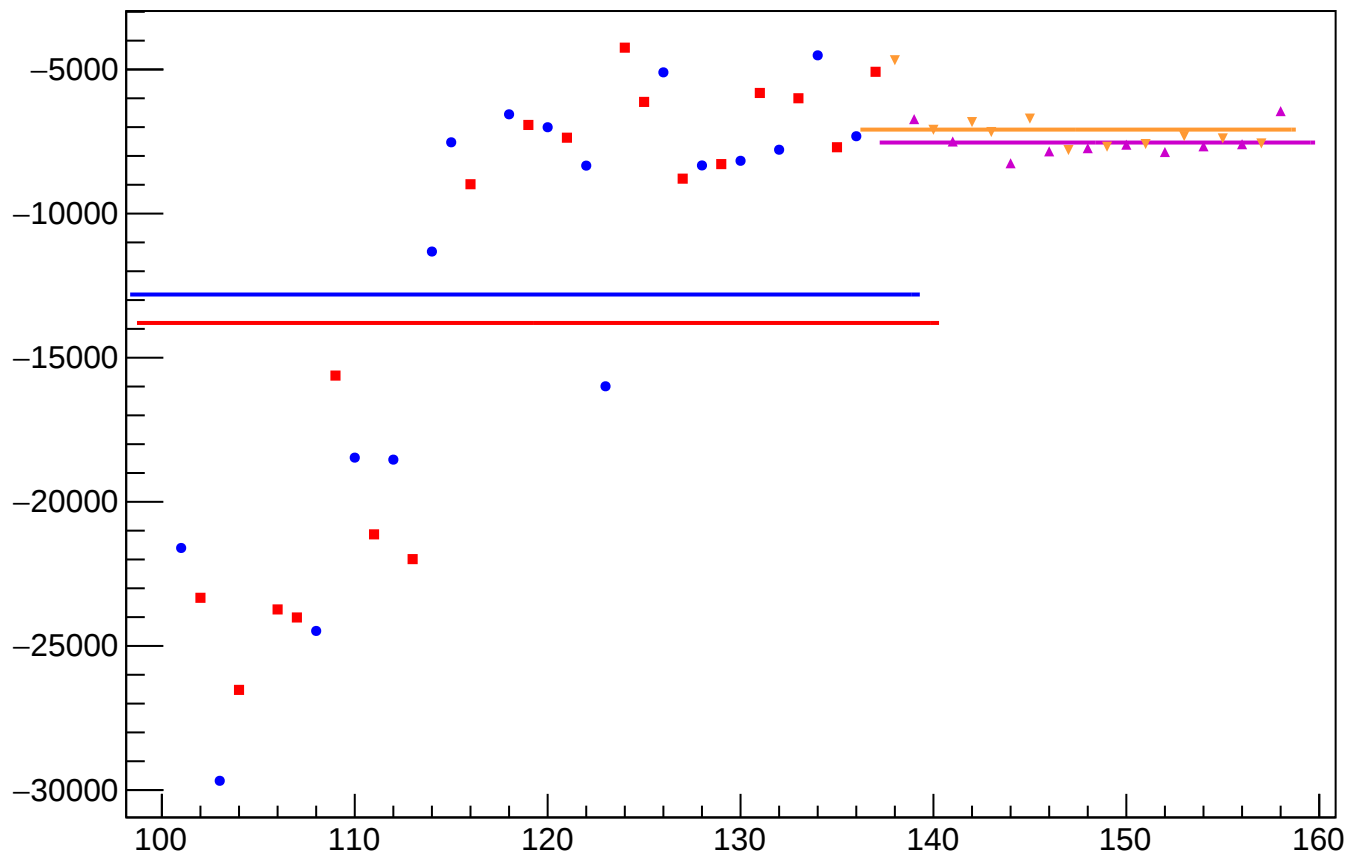
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1125.468+/-0.000 χ^2/NDF : 87340444395521

All: 1153.752+/-0.000 χ^2/NDF : 18788583623

- sign 1181.277+/-0.000 χ^2/NDF : 98141372252081

dit_sam1_coil4_mean vs Slug



Right In: -12807.543+/-0.000 χ^2/NDF : 43495419642384540327712467114015835815936.0/16

+ sign -9693.168+/-0.000 χ^2/NDF : 5644562414779

Left Out: -7085.959+/-0.000 χ^2/NDF : 583709069938853079344615492653156401152.0/10

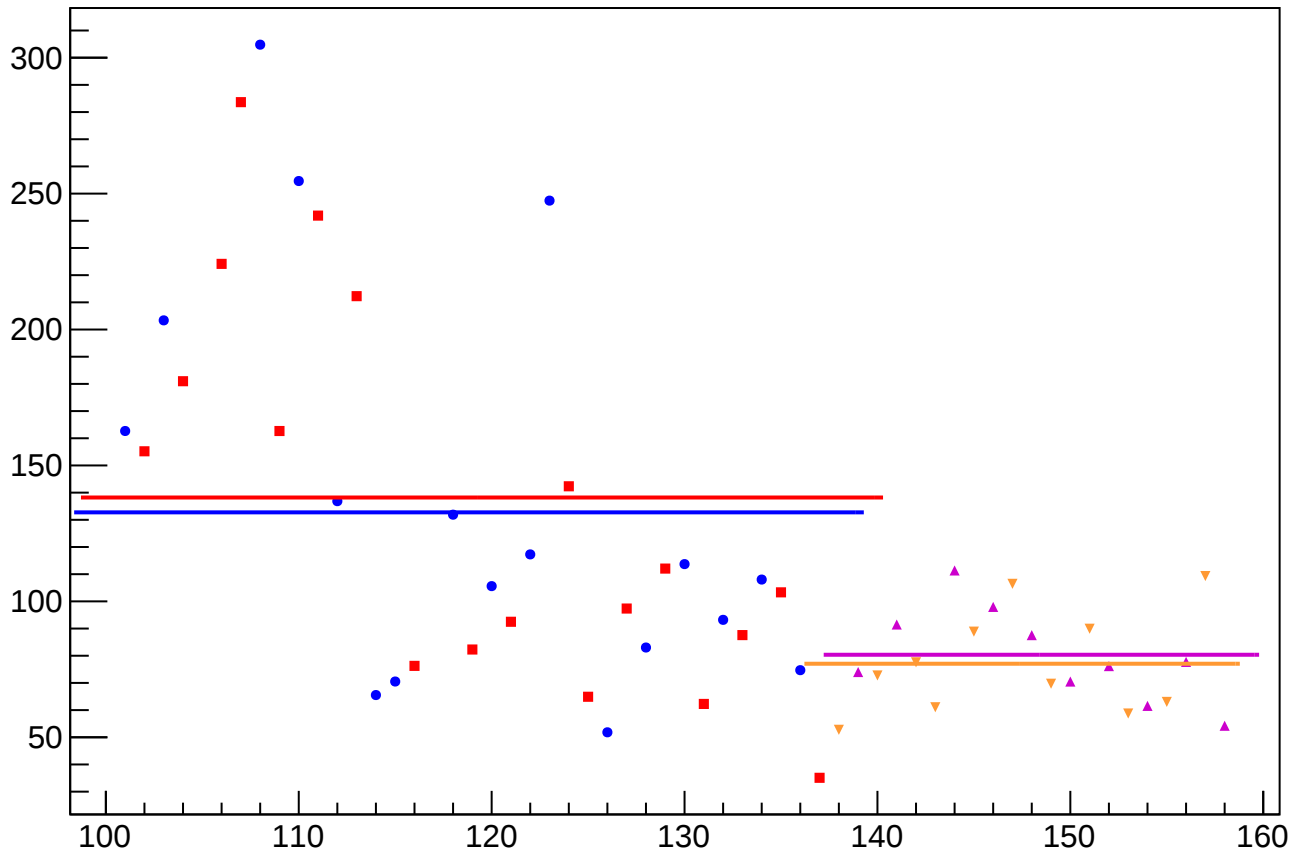
All: -10048.735+/-0.000 χ^2/NDF : 116800320

Right Out: -13794.471+/-0.000 χ^2/NDF : 44540762371856662603320518030739625738240.0/17

- sign -10394.759+/-0.000 χ^2/NDF : 5997476561487

Left In: -7535.001+/-0.000 χ^2/NDF : 218520934419192707368999933032550891520.0/9

dit_sam1_coil4_err_mean vs Slug



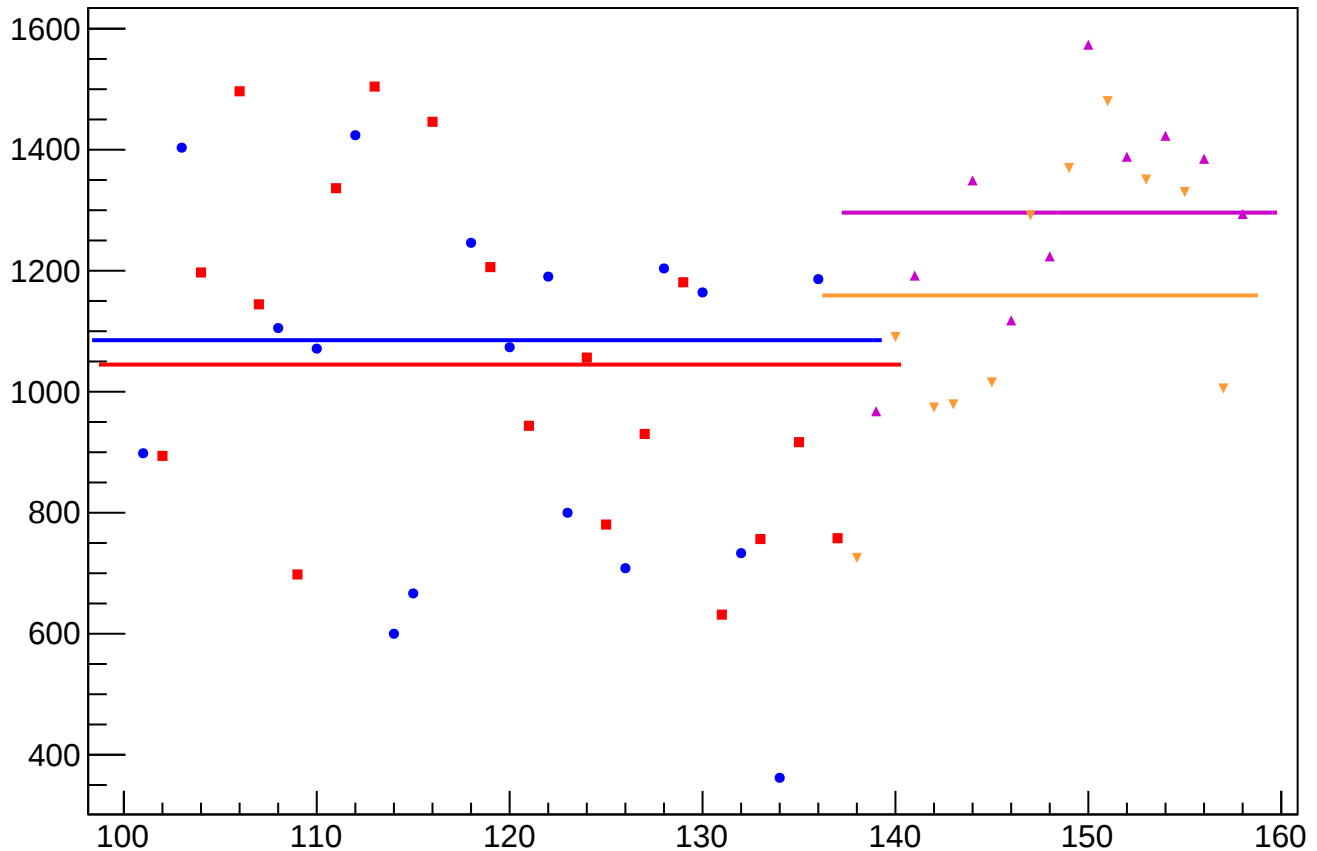
Right In: 132.743+/-0.000 χ^2/NDF : 2974792347641490027349453247875121152.0/16

Left Out: 77.054+/-0.000 χ^2/NDF : 281616395176705172153551629754302464.0/10

Right Out: 138.207+/-0.000 χ^2/NDF : 3073549318432471040798146297277186048.0/17

Left In: 80.357+/-0.000 χ^2/NDF : 227110923144258412168110567818526720.0/9

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

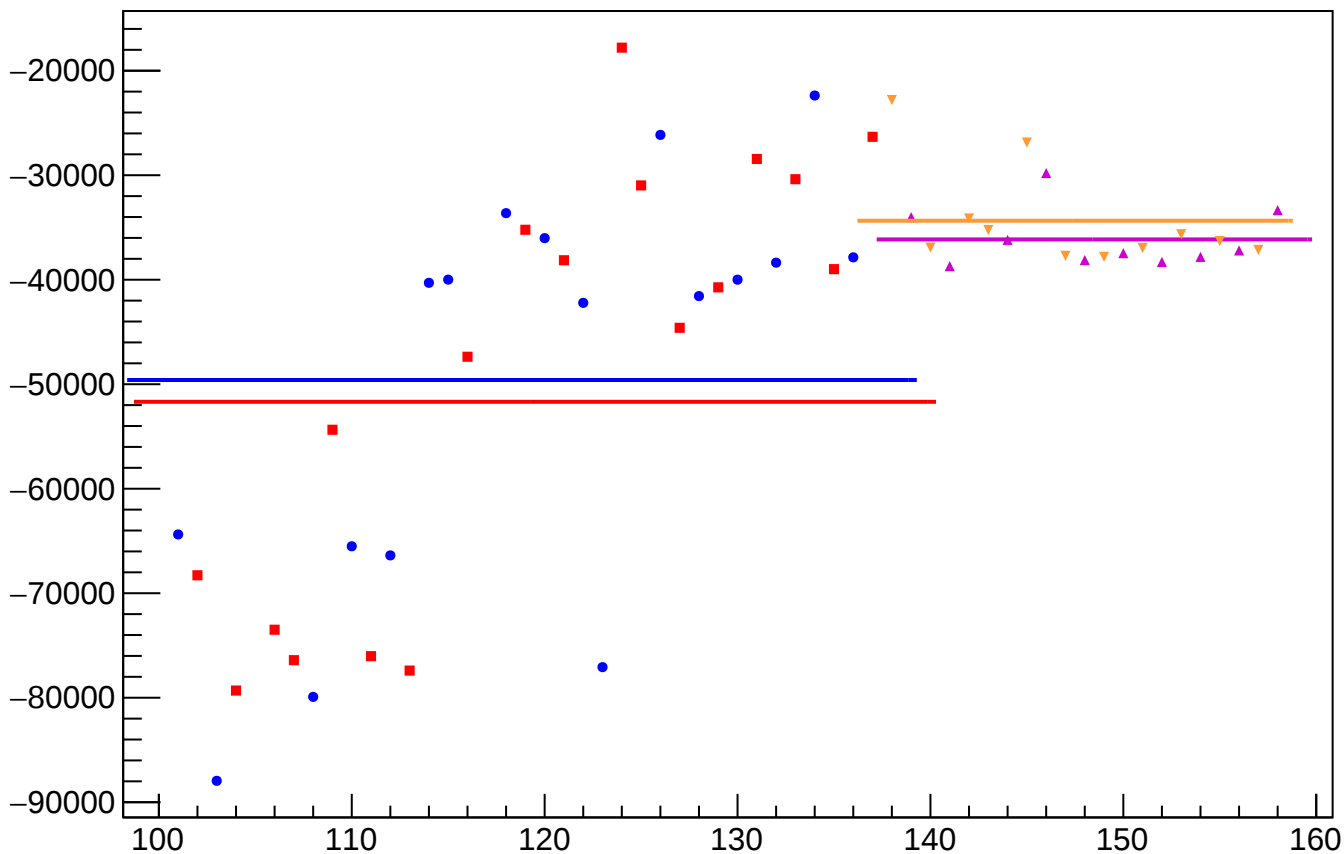
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1125.468+/-0.000 χ^2/NDF : 87340444395521

All: 1153.752+/-0.000 χ^2/NDF : 18788583623

- sign 1181.277+/-0.000 χ^2/NDF : 98141372252081

dit_sam2_coil4_mean vs Slug



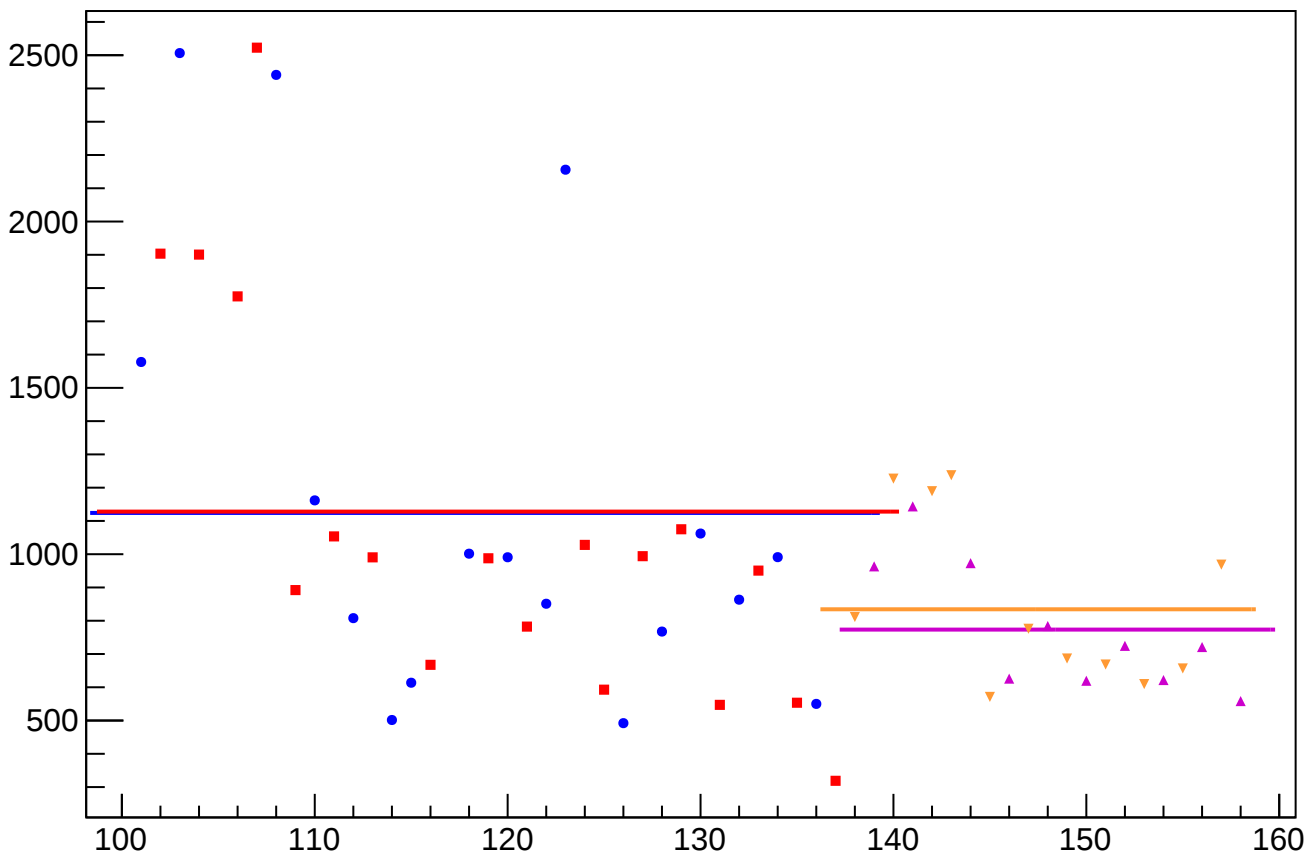
Right In: -49596.405+/-0.000	χ^2/NDF : 248313182325102448289525934605791330828288.0/16
Left Out: -34354.860+/-0.000	χ^2/NDF : 18794004574297086340260914156222040506368.0/10
Right Out: -51680.980+/-0.000	χ^2/NDF : 268094403741805330481600683125097153691648.0/17
Left In: -36143.489+/-0.000	χ^2/NDF : 6137032331725398659338068546659366731776.0/9

+ sign -41300.121+/-0.000 χ^2/NDF : 354862232092

All: -42284.310+/-0.000 χ^2/NDF : 725754763

- sign -43242.087+/-0.000 χ^2/NDF : 3679816790429

dit_sam2_coil4_err_mean vs Slug



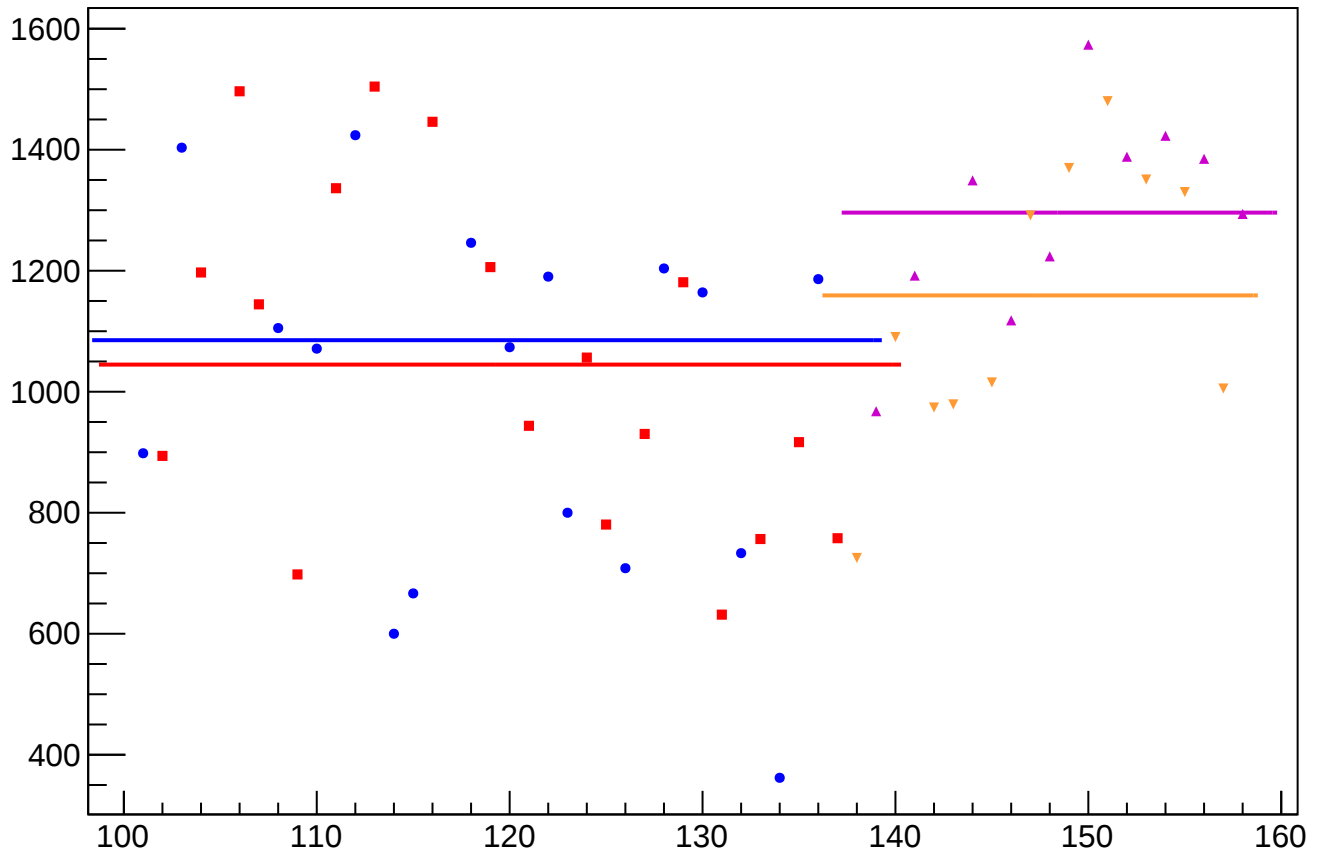
Right In: 1124.063+/-0.000 χ^2/NDF : 267842110554403806997651522470490931200.0/16

Left Out: 834.417+/-0.000 χ^2/NDF : 47162828031610143306669457676989104128.0/10

Right Out: 1128.051+/-0.000 χ^2/NDF : 216680110329654752465971394746324615168.0/17

Left In: 773.369+/-0.000 χ^2/NDF : 28312943031938856785645021459355009024.0/9

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

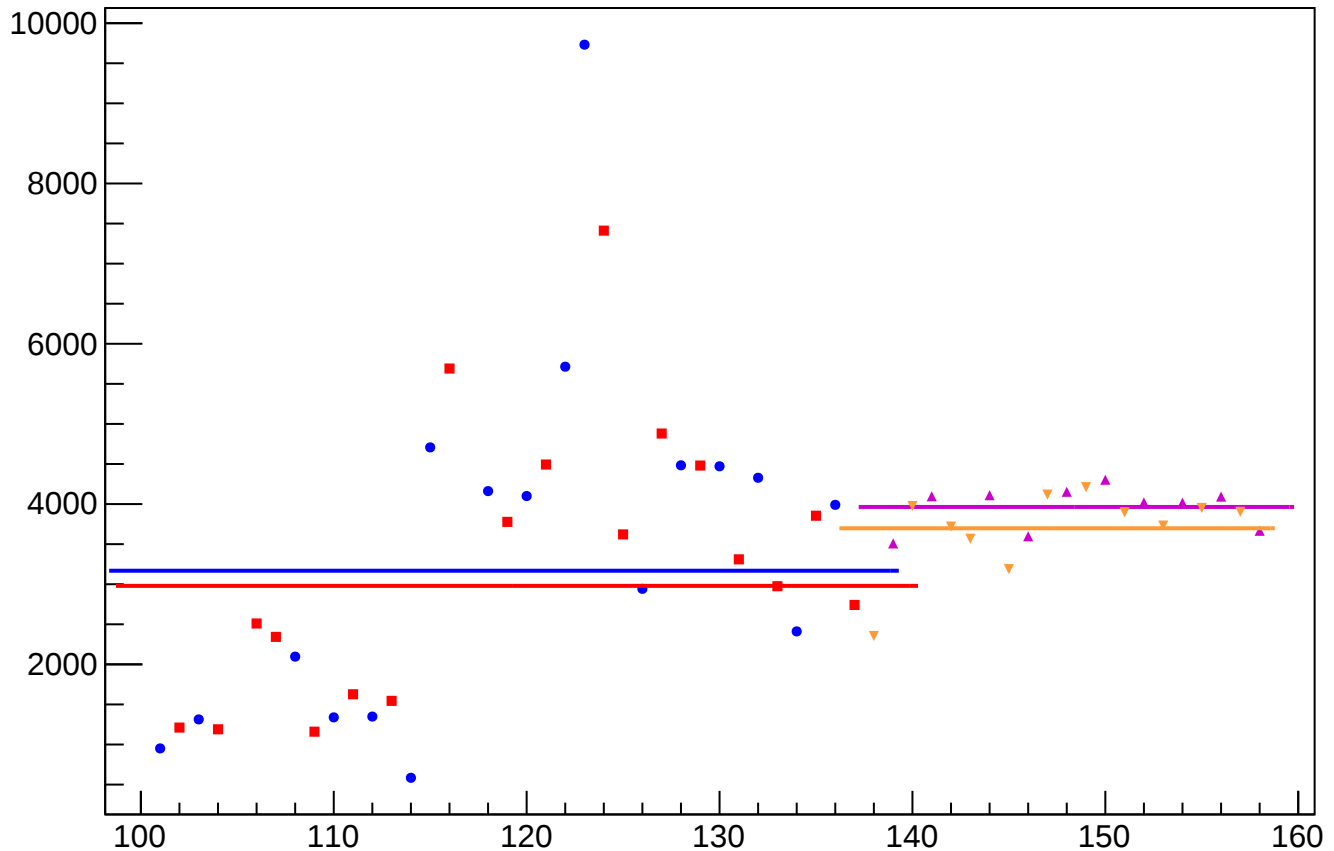
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1125.468+/-0.000 χ^2/NDF : 87340444395521

All: 1153.752+/-0.000 χ^2/NDF : 18788583623

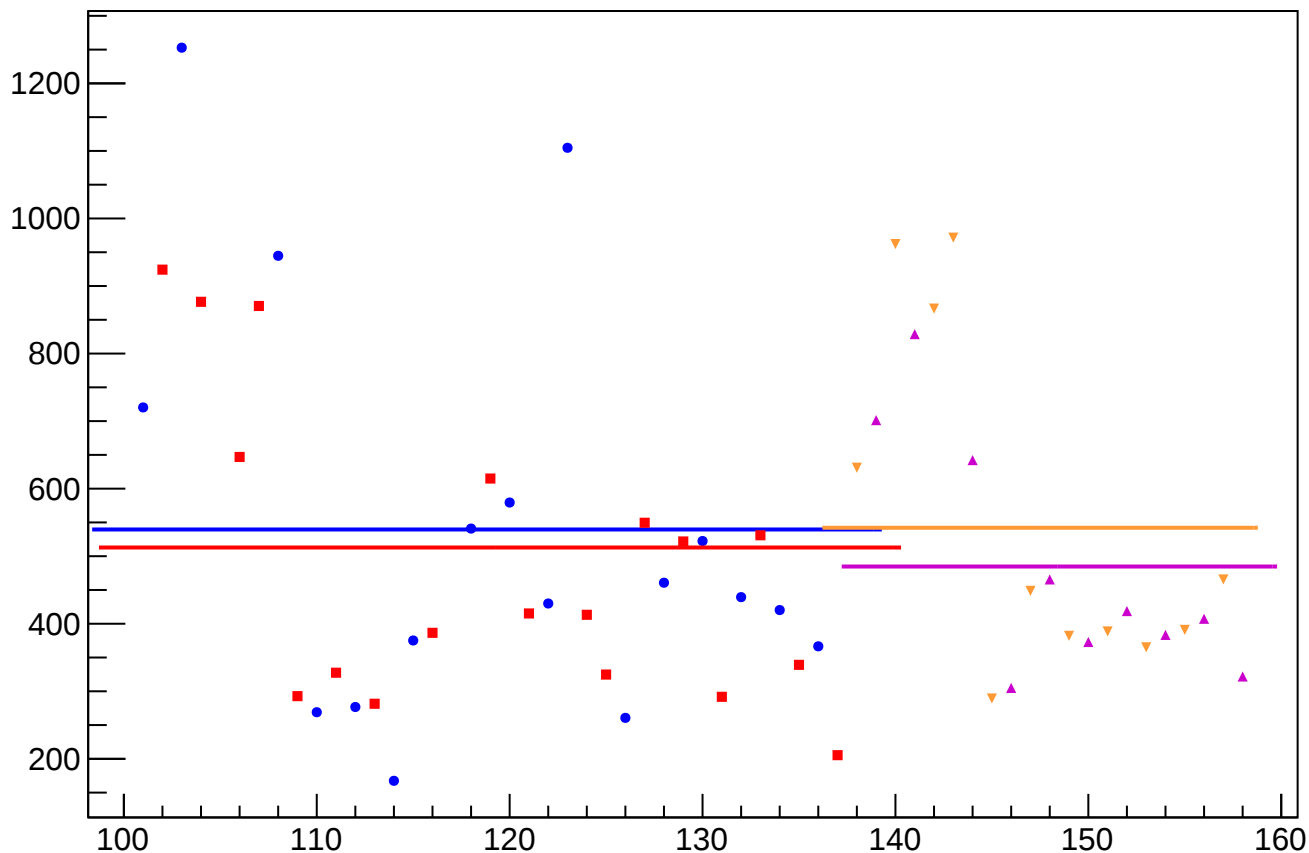
- sign 1181.277+/-0.000 χ^2/NDF : 98141372252081

dit_sam3_coil4_mean vs Slug



Right In: 3168.399+/-0.000 χ^2/NDF : 1758554525431486031573031760874625302528.0/16
 Left Out: 3698.107+/-0.000 χ^2/NDF : 215925739889678028229610846896600907776.0/10
 Right Out: 2979.505+/-0.000 χ^2/NDF : 1604891244832822830292138533265256480768.0/17
 Left In: 3964.157+/-0.000 χ^2/NDF : 53856119913344634568426325943181639680.0/9

dit_sam3_coil4_err_mean vs Slug



Right In: 539.553 $\pm$ 0.000 χ^2 /NDF: 54885482787684067638945528690813960192.0/16

+ sign 540.949 $\pm$ 0.000 χ^2 /NDF: 101726743174261

Left Out: 542.117 $\pm$ 0.000 χ^2 /NDF: 46838777081828089865960719976996274176.0/10

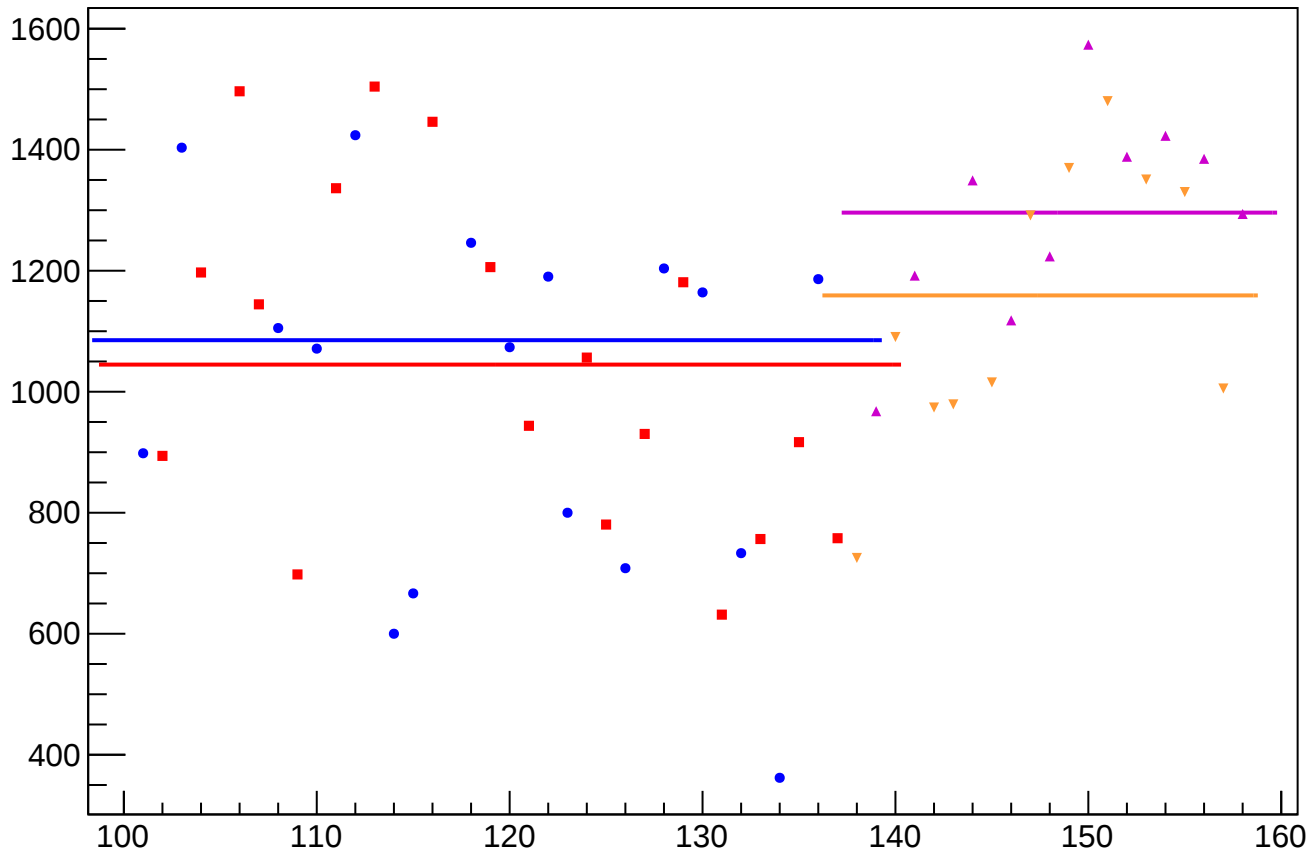
All: 518.969 $\pm$ 0.000 χ^2 /NDF: 163336982523

Right Out: 512.868 $\pm$ 0.000 χ^2 /NDF: 36013592539821220444279901122721742848.0/17

- sign 497.580 $\pm$ 0.000 χ^2 /NDF: 601584882581965

Left In: 484.720 $\pm$ 0.000 χ^2 /NDF: 23837200679172480624707967561576218624.0/9

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

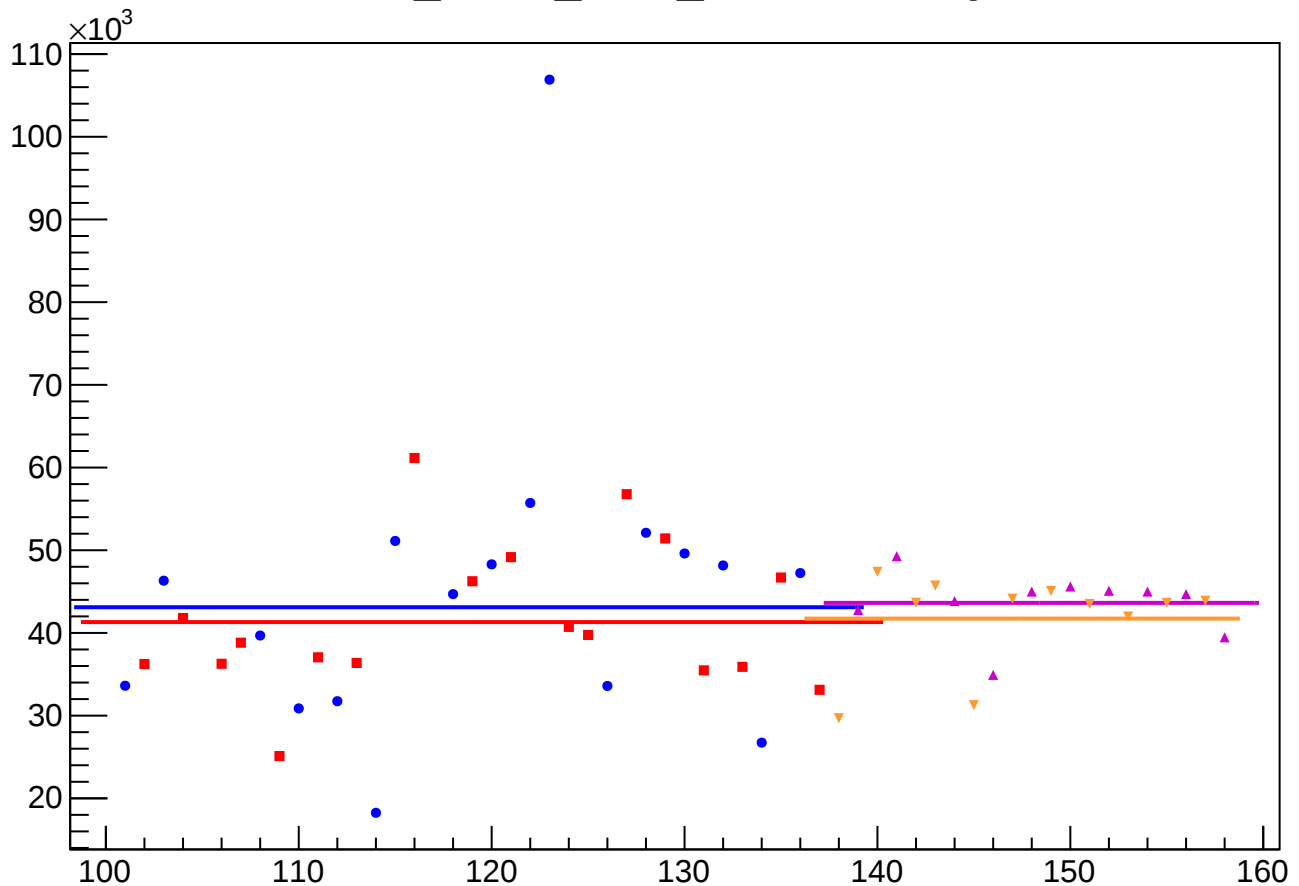
Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

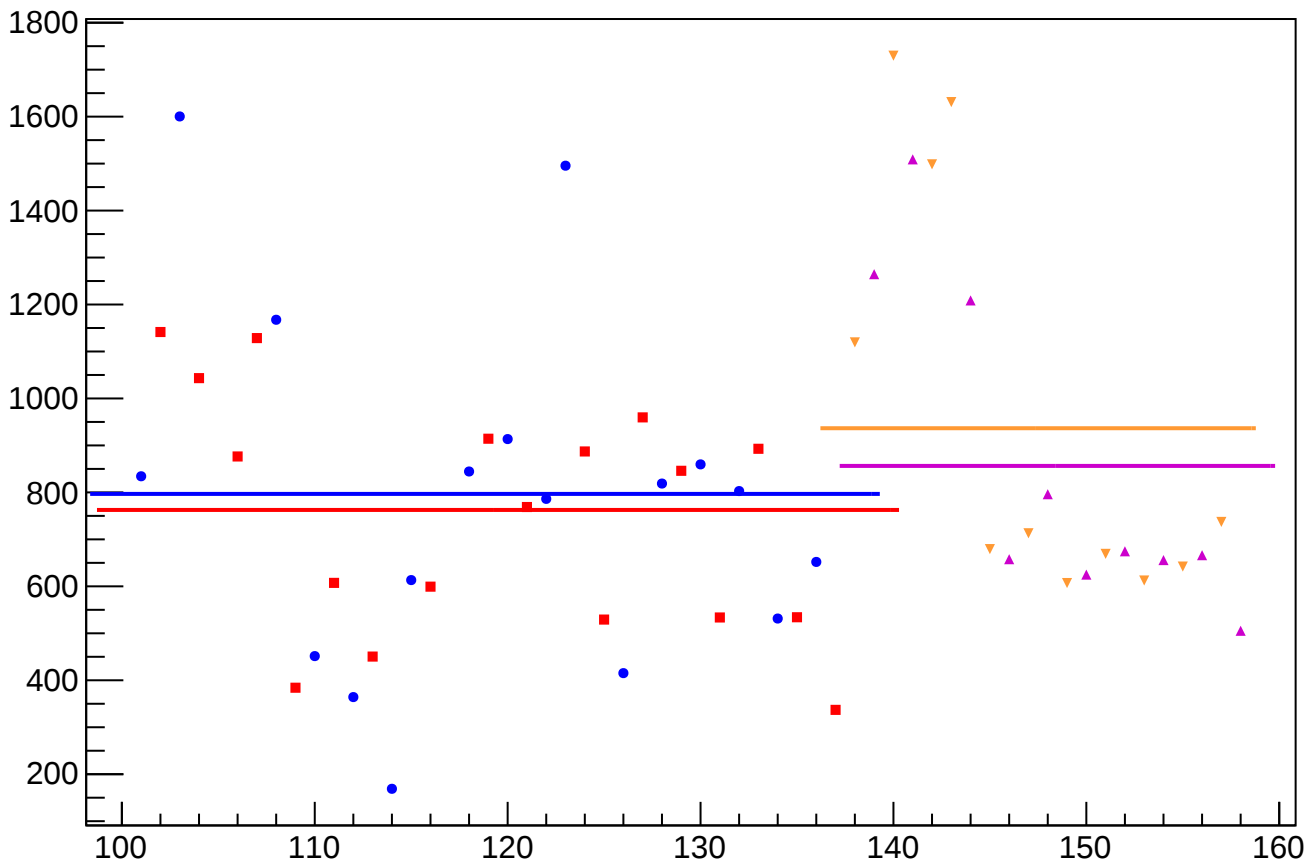
All: 1153.752+/-0.000 χ^2/NDF : 18788583623

dit_sam4_coil4_mean vs Slug



Right In: 43108.031+/-0.000	χ^2/NDF : 68611682581967867390827070514847106990080.0/16	+ sign 42361.562+/-0.000	χ^2/NDF : 9531822565925
Left Out: 41736.654+/-0.000	χ^2/NDF : 25996102853039379123486562505228051021824.0/10	All: 42469.612+/-0.000	χ^2/NDF : 1605031742
Right Out: 41313.091+/-0.000	χ^2/NDF : 51625009130500845485657820618169448923136.0/17	- sign 42574.761+/-0.000	χ^2/NDF : 6514986479216
Left In: 43636.048+/-0.000	χ^2/NDF : 11429330764317631011004837420228015030272.0/9		

dit_sam4_coil4_err_mean vs Slug



Right In: 796.788 $\pm$ 0.000 χ^2 /NDF: 74155375401966789010322999397605965824.0/16

+ sign 872.893 $\pm$ 0.000 χ^2 /NDF: 225077122741421

Left Out: 936.606 $\pm$ 0.000 χ^2 /NDF: 143536886827425012797022151371896389632.0/10

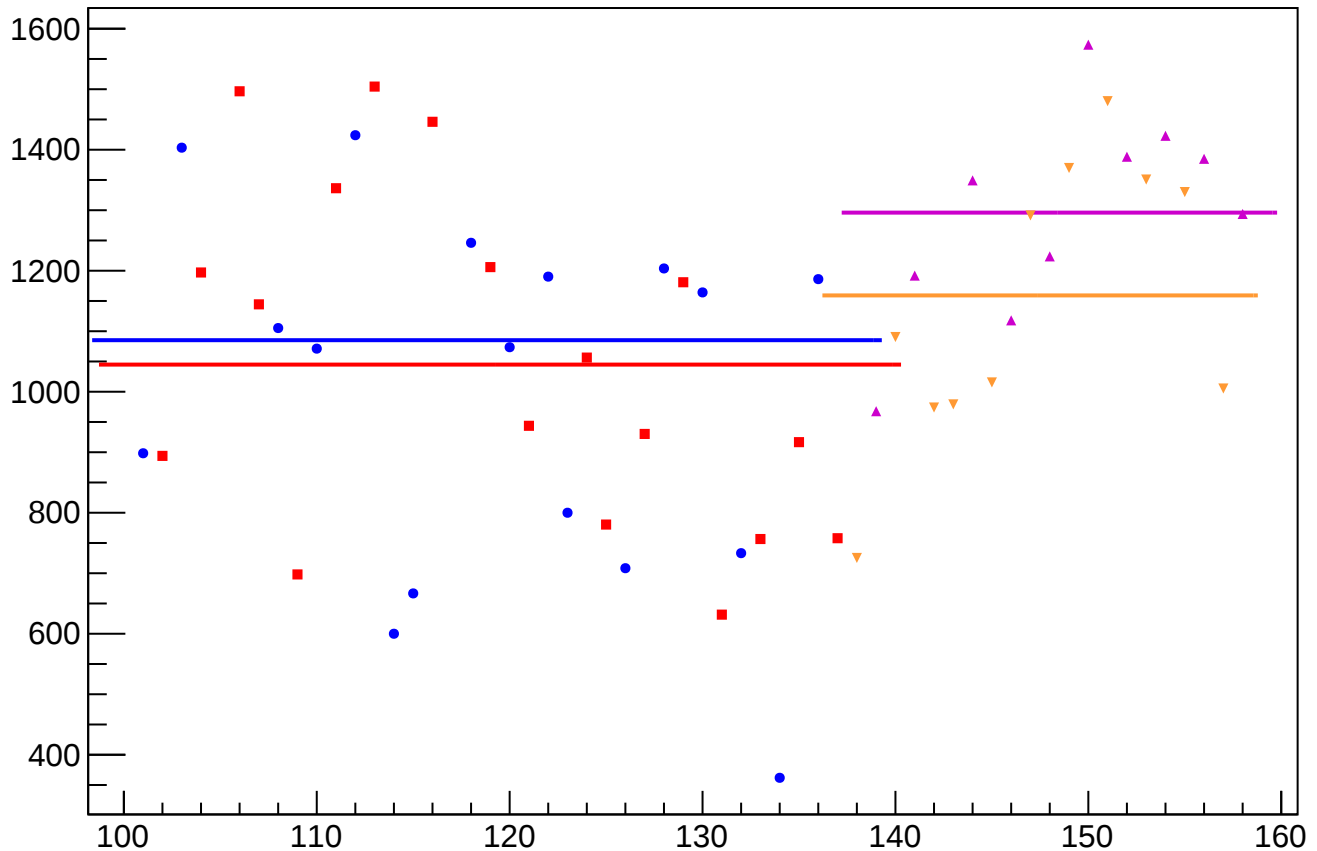
All: 842.824 $\pm$ 0.000 χ^2 /NDF: 364730305346

Right Out: 762.642 $\pm$ 0.000 χ^2 /NDF: 44999366783777016136570300173215858688.0/17

- sign 813.562 $\pm$ 0.000 χ^2 /NDF: 136936050845609

Left In: 856.395 $\pm$ 0.000 χ^2 /NDF: 88523330227430720127238787894517694464.0/9

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

Left Out: 1159.191 $\pm$ 0.000 χ^2 /NDF: 40668516727116441678258052017682382848.0/10

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

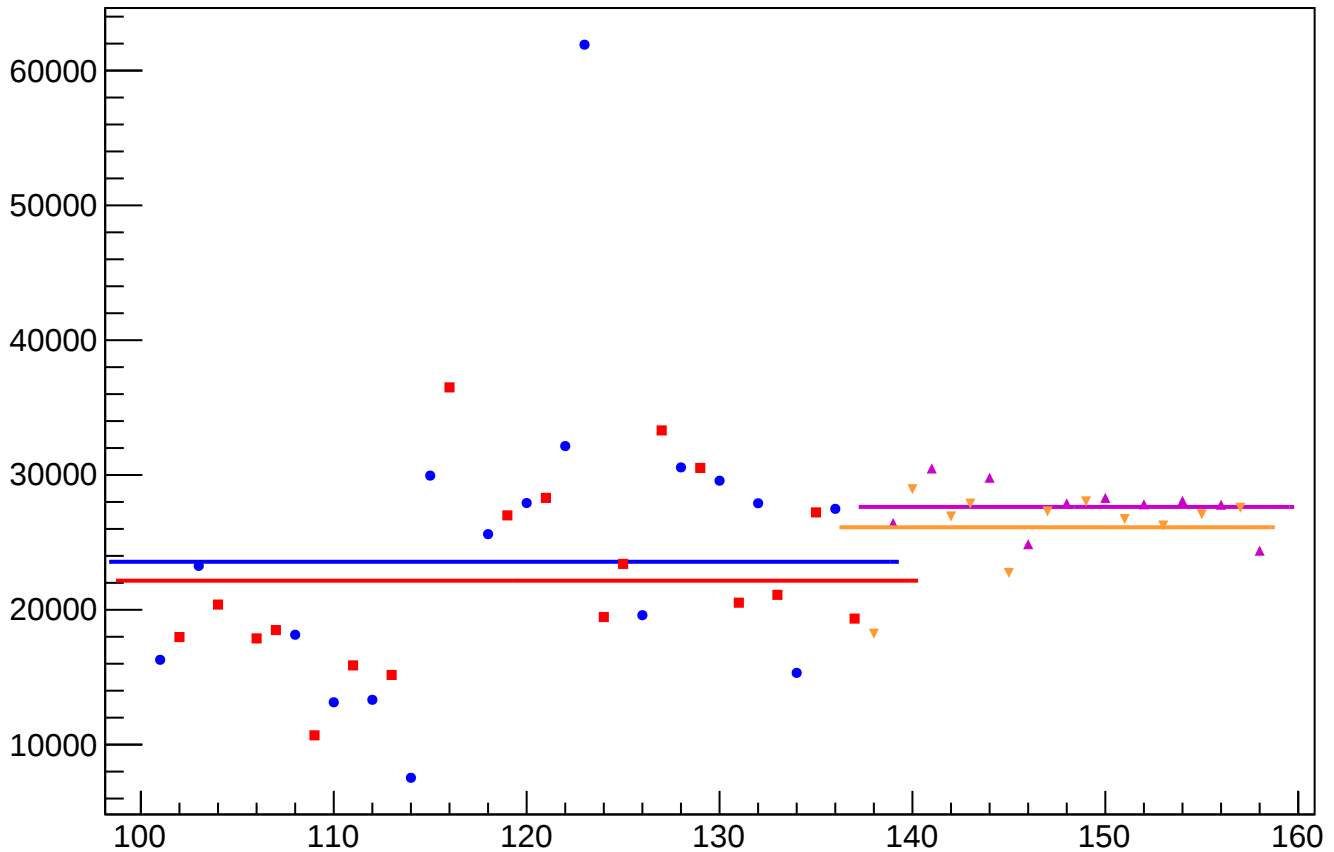
Left In: 1296.034 $\pm$ 0.000 χ^2 /NDF: 22794126955598242846656326276143382528.0/9

+ sign 1125.468 $\pm$ 0.000 χ^2 /NDF: 87340444395521

All: 1153.752 $\pm$ 0.000 χ^2 /NDF: 18788583623

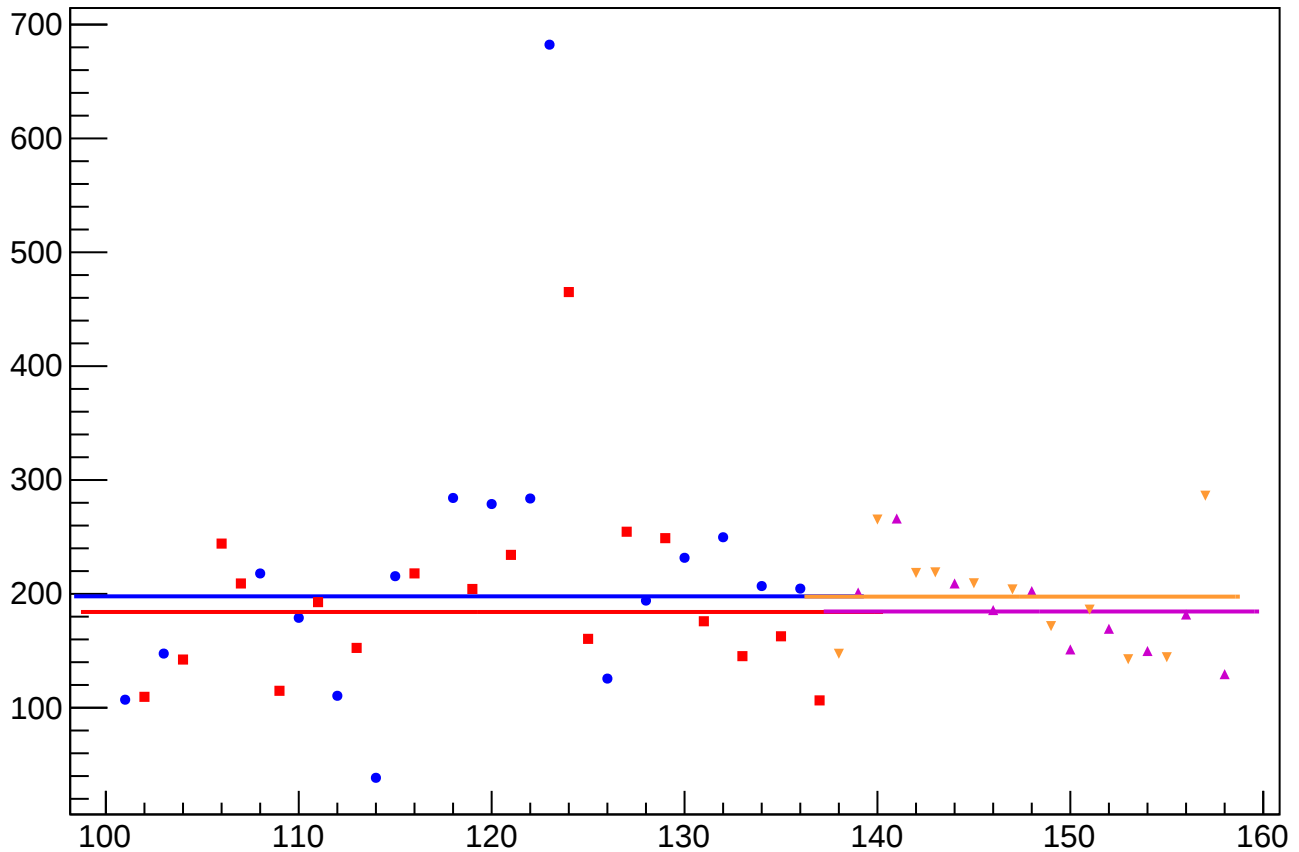
- sign 1181.277 $\pm$ 0.000 χ^2 /NDF: 98141372252081

dit_sam5_coil4_mean vs Slug



Right In: 23563.217 $\pm$ 0.000 χ^2 /NDF: 35385807137271018817625418232540839280640.0/16
 Left Out: 26122.837 $\pm$ 0.000 χ^2 /NDF: 7322114688763371231591927697735556268032.0/10
 Right Out: 22162.506 $\pm$ 0.000 χ^2 /NDF: 30926817479017578857864317291139006726144.0/17
 Left In: 27632.659 $\pm$ 0.000 χ^2 /NDF: 2783418668519564437705840516127413764096.0/9

dit_sam5_coil4_err_mean vs Slug



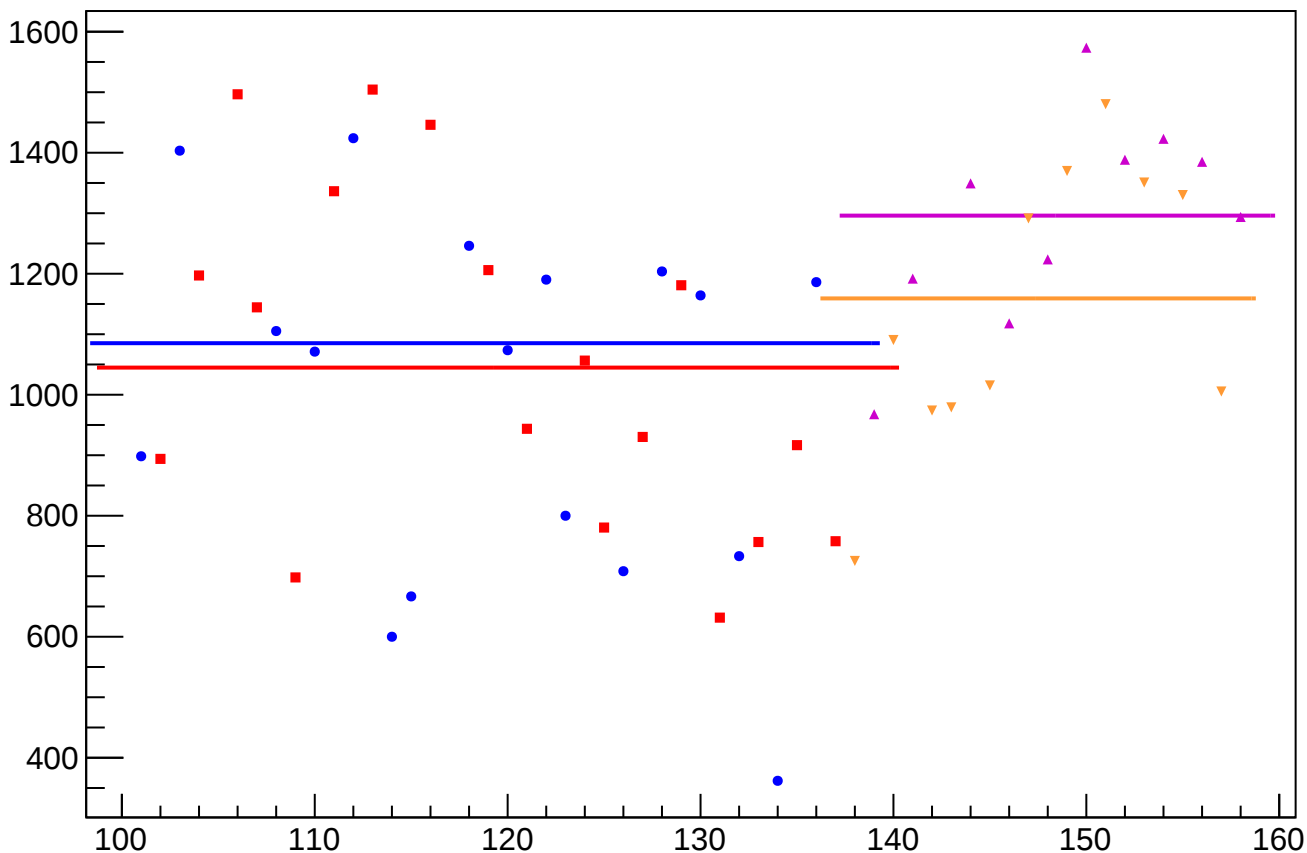
Right In: 197.841+/-0.000 χ^2/NDF : 3601849103427594359827693165900464128.0/16

Left Out: 197.582+/-0.000 χ^2/NDF : 1767800965349331759944347356497969152.0/10
 + sign 197.700+/-0.000 χ^2/NDF : 536967544173493

Right Out: 184.108+/-0.000 χ^2/NDF : 2706165724913072523706132651898306560.0/17
 All: 190.926+/-0.000 χ^2/NDF : 935844917777

- sign 184.334+/-0.000 χ^2/NDF : 385087240343322
 Left In: 184.523+/-0.000 χ^2/NDF : 1144639791236000278012315909811601408.0/9

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

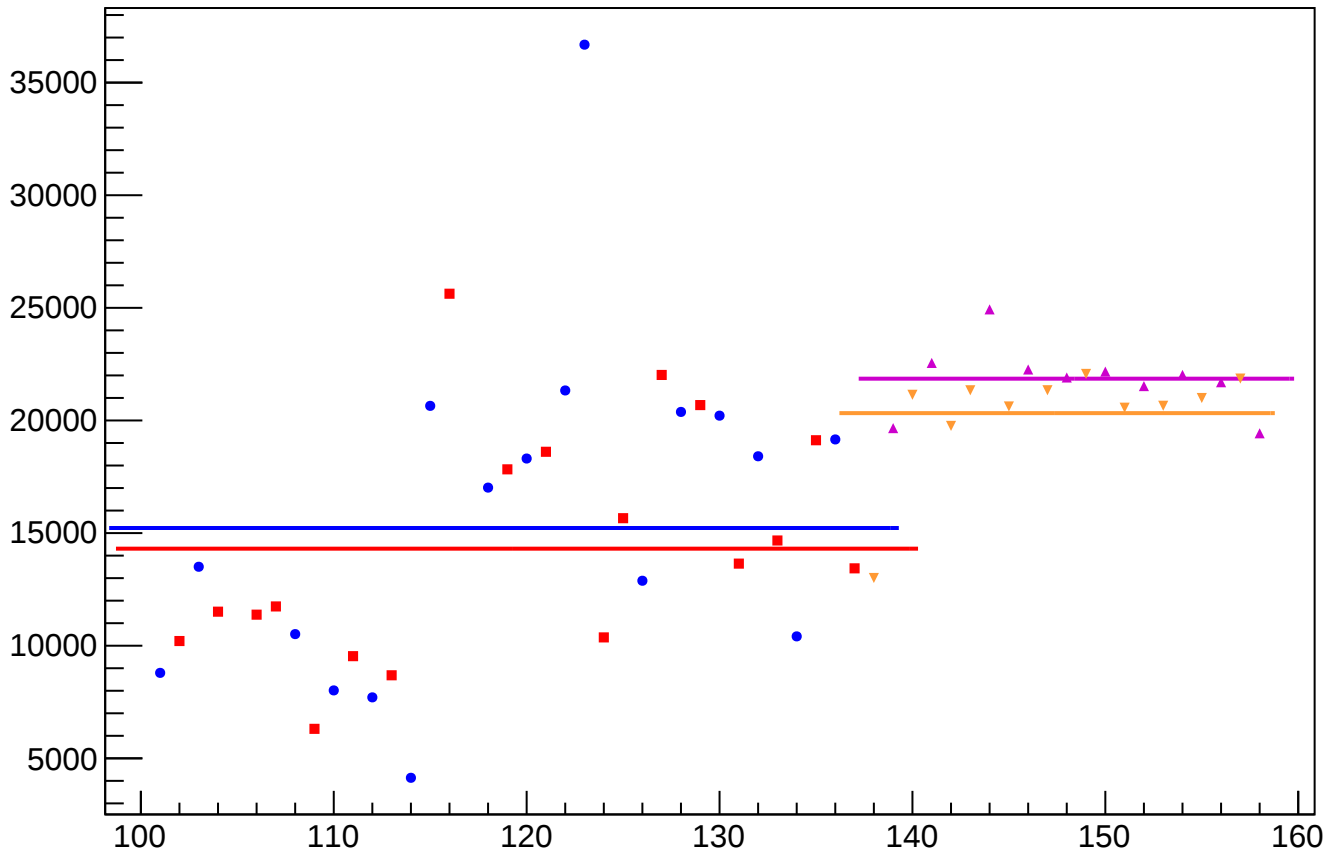
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1125.468+/-0.000 χ^2/NDF : 87340444395521

All: 1153.752+/-0.000 χ^2/NDF : 18788583623

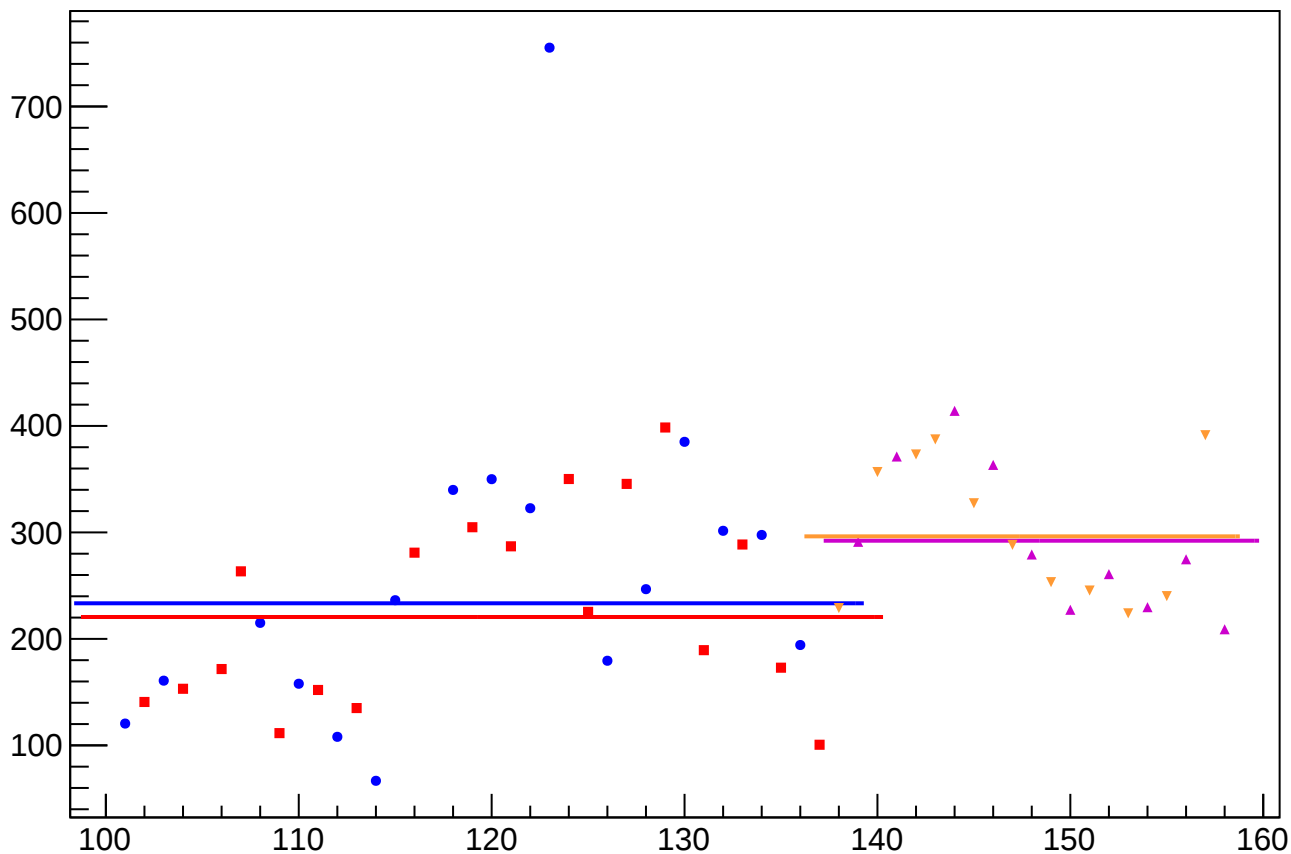
- sign 1181.277+/-0.000 χ^2/NDF : 98141372252081

dit_sam6_coil4_mean vs Slug



Right In: 15226.152+/-0.000 χ^2/NDF : 19033981883616318675707973818231845552128.0/16
 Left Out: 20325.903+/-0.000 χ^2/NDF : 4882150910065495386435806790589190504448.0/10
 Right Out: 14308.618+/-0.000 χ^2/NDF : 17986620092143727991108175714996656799744.0/17
 Left In: 21855.226+/-0.000 χ^2/NDF : 1787592275050859751667549182691238739968.0/9

dit_sam6_coil4_err_mean vs Slug



Right In: 233.427+/-0.000 χ^2/NDF : 6632421375389201944932770217893822464.0/16

+ sign 267.646+/-0.000 χ^2/NDF : 114052143167278

Left Out: 296.292+/-0.000 χ^2/NDF : 3279902647241291600780495944838807552.0/10

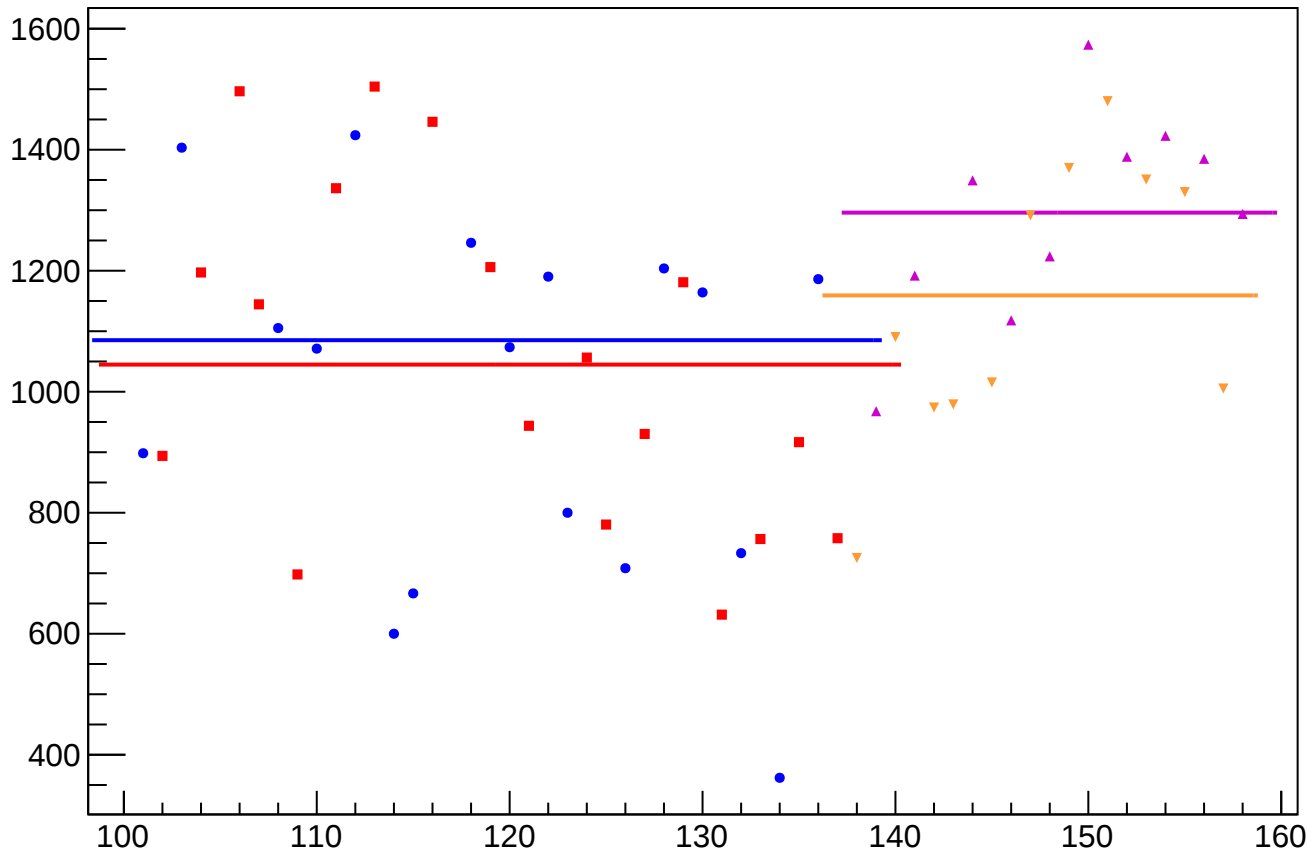
All: 263.503+/-0.000 χ^2/NDF : 225243526130

Right Out: 220.559+/-0.000 χ^2/NDF : 5383695019108554854360648047063465984.0/17

- sign 259.471+/-0.000 χ^2/NDF : 110675538759391

Left In: 292.203+/-0.000 χ^2/NDF : 3690557071871945832671333765852692480.0/9

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191+/-0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

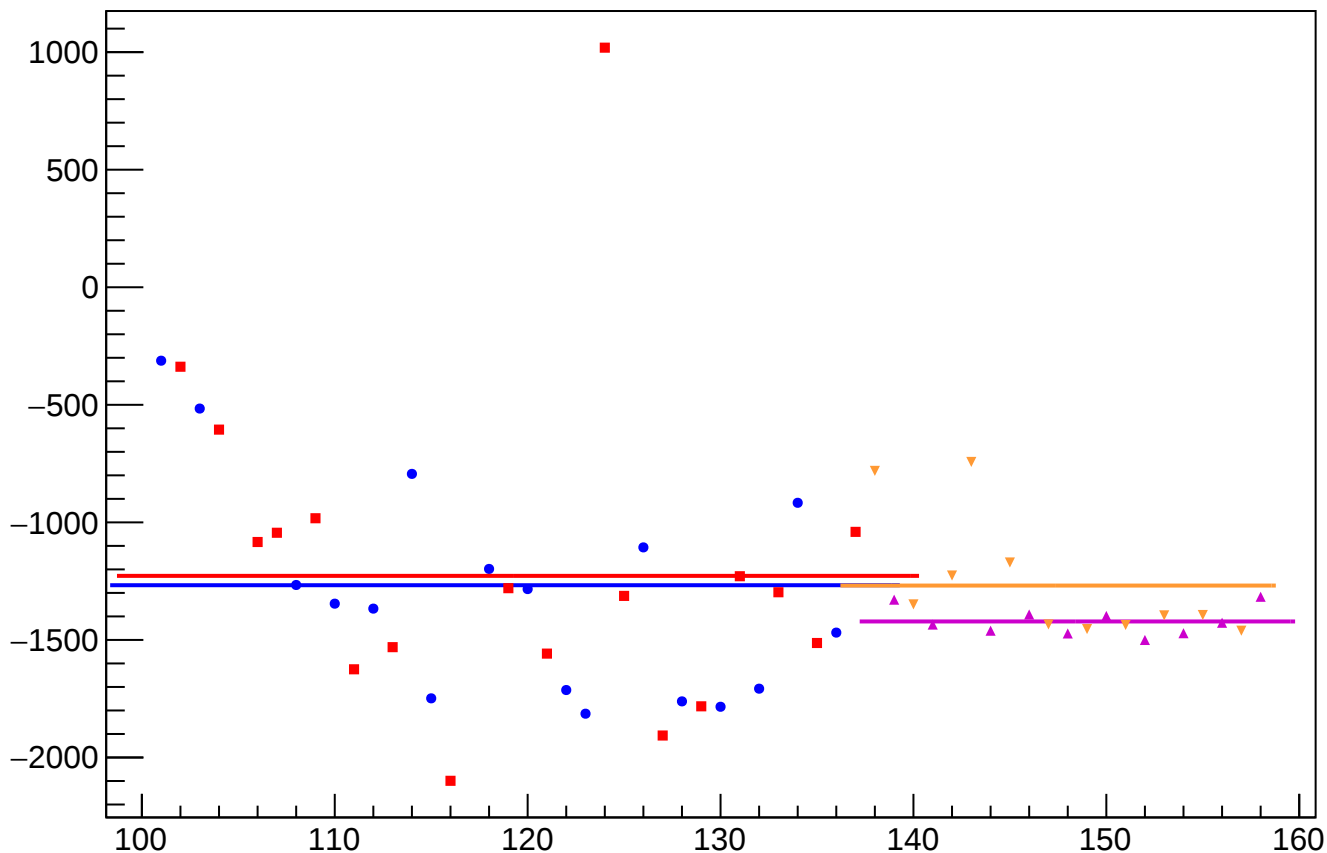
Left In: 1296.034+/-0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1125.468+/-0.000 χ^2/NDF : 87340444395521

All: 1153.752+/-0.000 χ^2/NDF : 18788583623

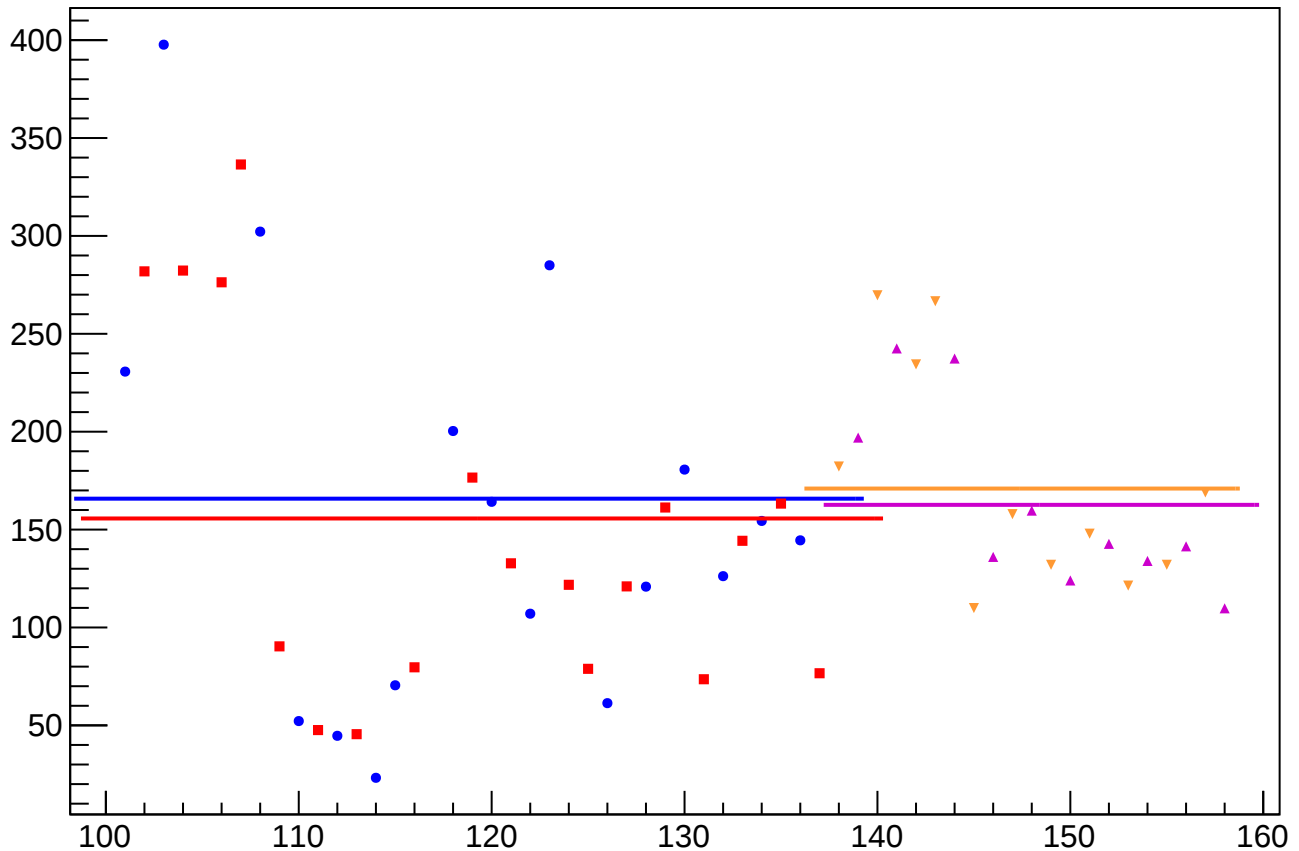
- sign 1181.277+/-0.000 χ^2/NDF : 98141372252081

dit_sam7_coil4_mean vs Slug



Right In: -1267.268 ± 0.000 χ^2/NDF : 145198686124385842675248081831068696576.0/16
 Left Out: -1268.734 ± 0.000 χ^2/NDF : 50951982537126879392337719329581694976.0/10
 Right Out: -1227.490 ± 0.000 χ^2/NDF : 214319050187910672698323609340044378112.0/17
 Left In: -1421.426 ± 0.000 χ^2/NDF : 2847955926024461764366694676325990400.0/9

dit_sam7_coil4_err_mean vs Slug



Right In: 165.791 $\pm$ 0.000 χ^2 /NDF: 6599926309722586861325010177468923904.0/16

+ sign 168.603 $\pm$ 0.000 χ^2 /NDF: 901980161418173

Left Out: 170.957 $\pm$ 0.000 χ^2 /NDF: 2409794329362649319658822491313274880.0/10

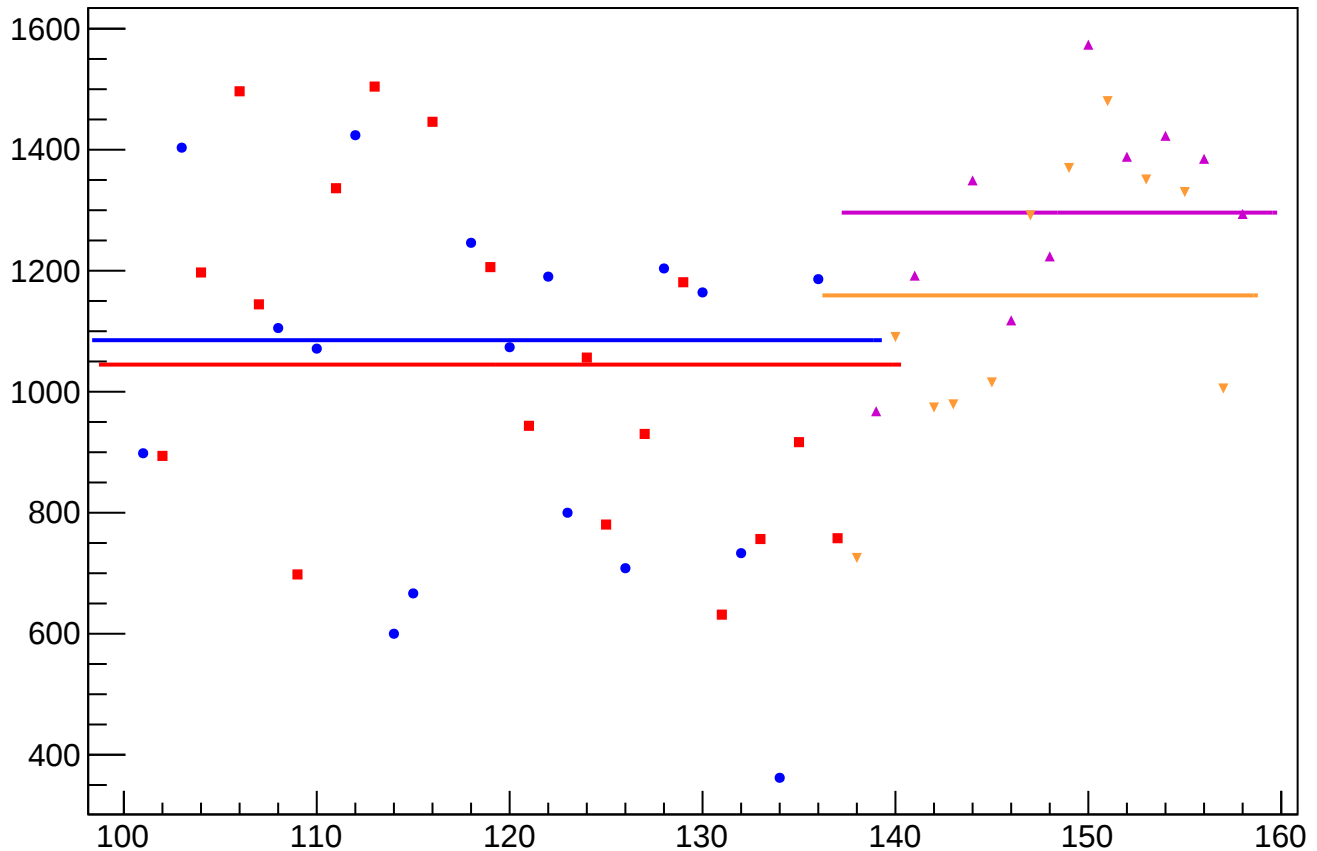
All: 163.966 $\pm$ 0.000 χ^2 /NDF: 16309558079

Right Out: 155.674 $\pm$ 0.000 χ^2 /NDF: 5506170000172026486696305926028132352.0/17

- sign 159.453 $\pm$ 0.000 χ^2 /NDF: 722513314044310

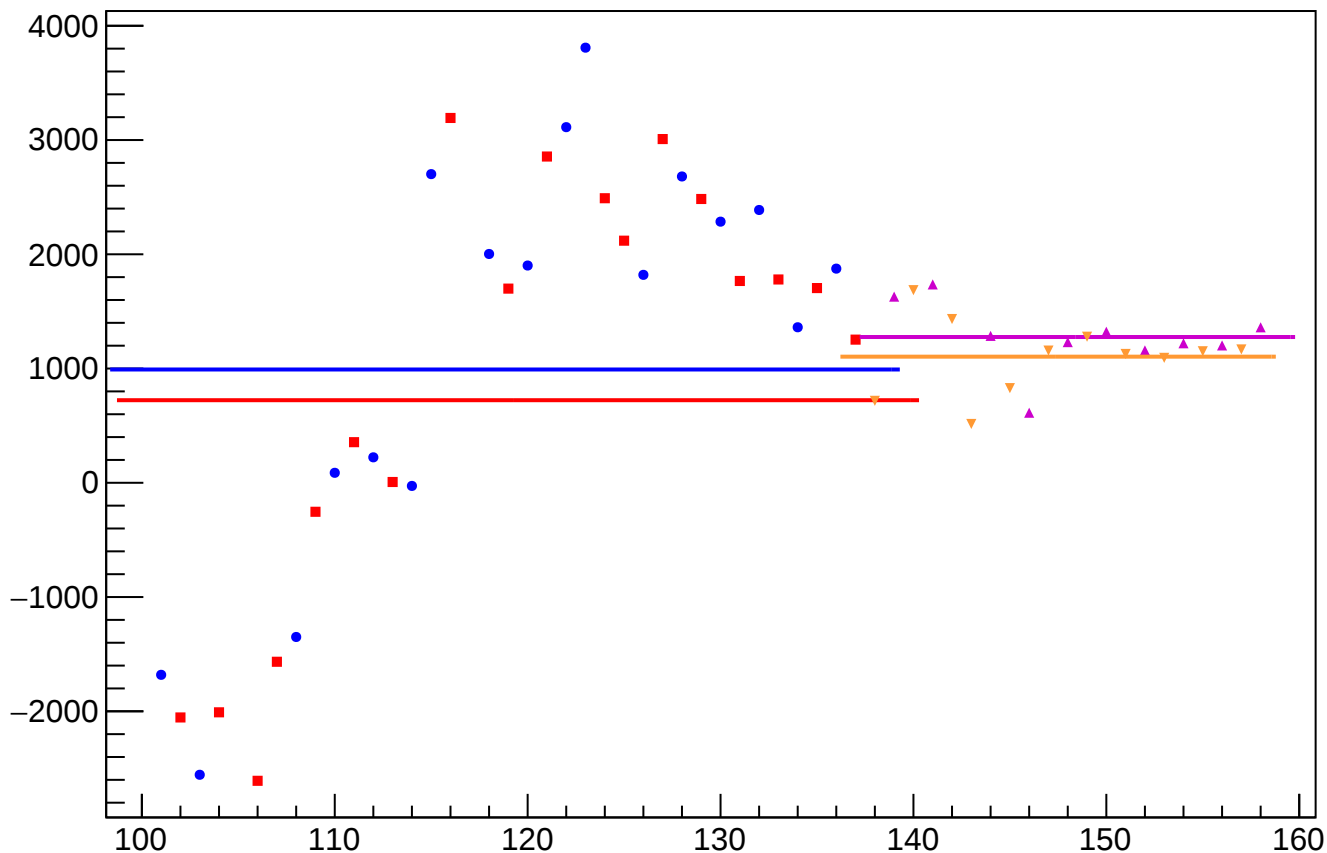
Left In: 162.632 $\pm$ 0.000 χ^2 /NDF: 1700161179226893680266491352747868160.0/9

dit_sam7_coil4_Ndata_mean vs Slug



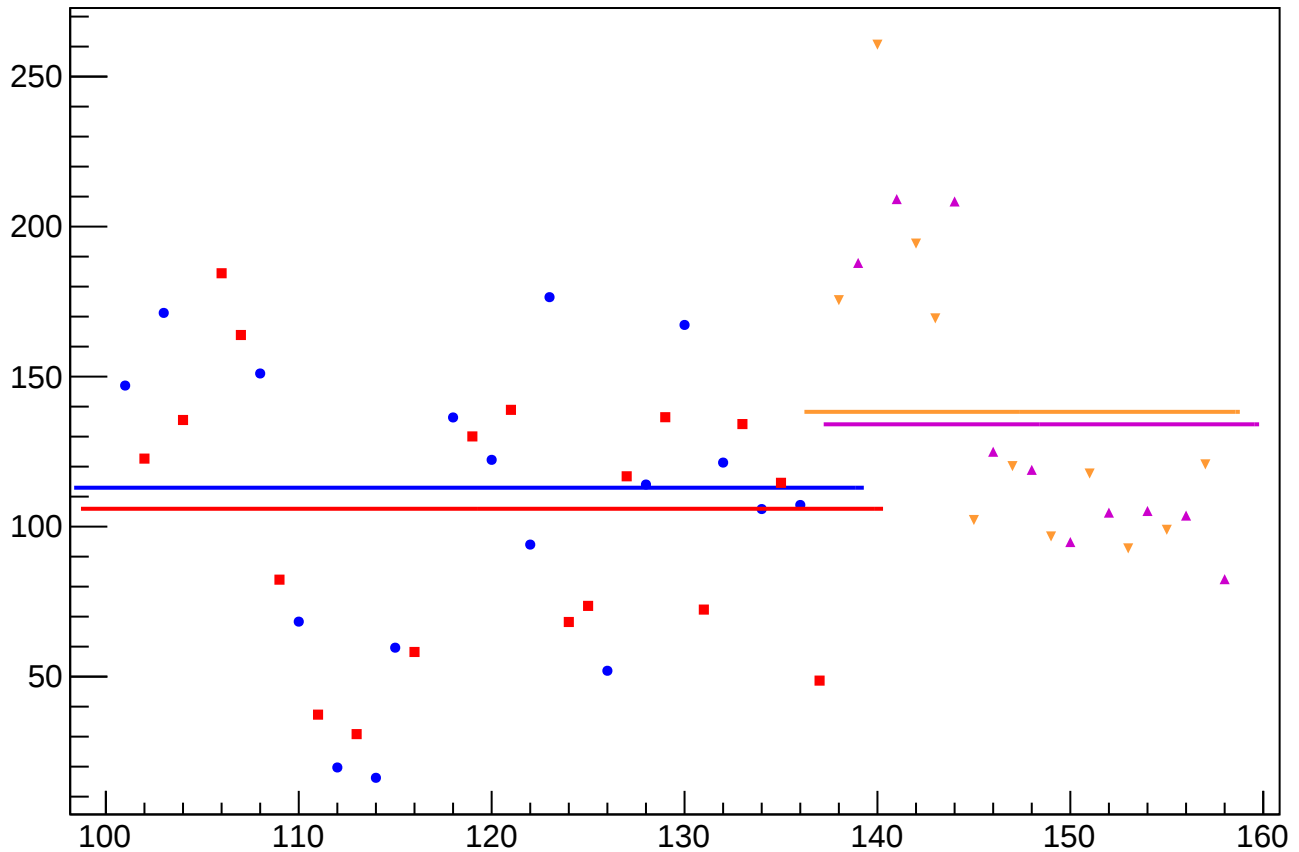
Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16
 Left Out: 1159.191 $\pm$ 0.000 χ^2 /NDF: 40668516727116441678258052017682382848.0/10
 Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17
 Left In: 1296.034 $\pm$ 0.000 χ^2 /NDF: 22794126955598242846656326276143382528.0/9

dit_sam8_coil4_mean vs Slug



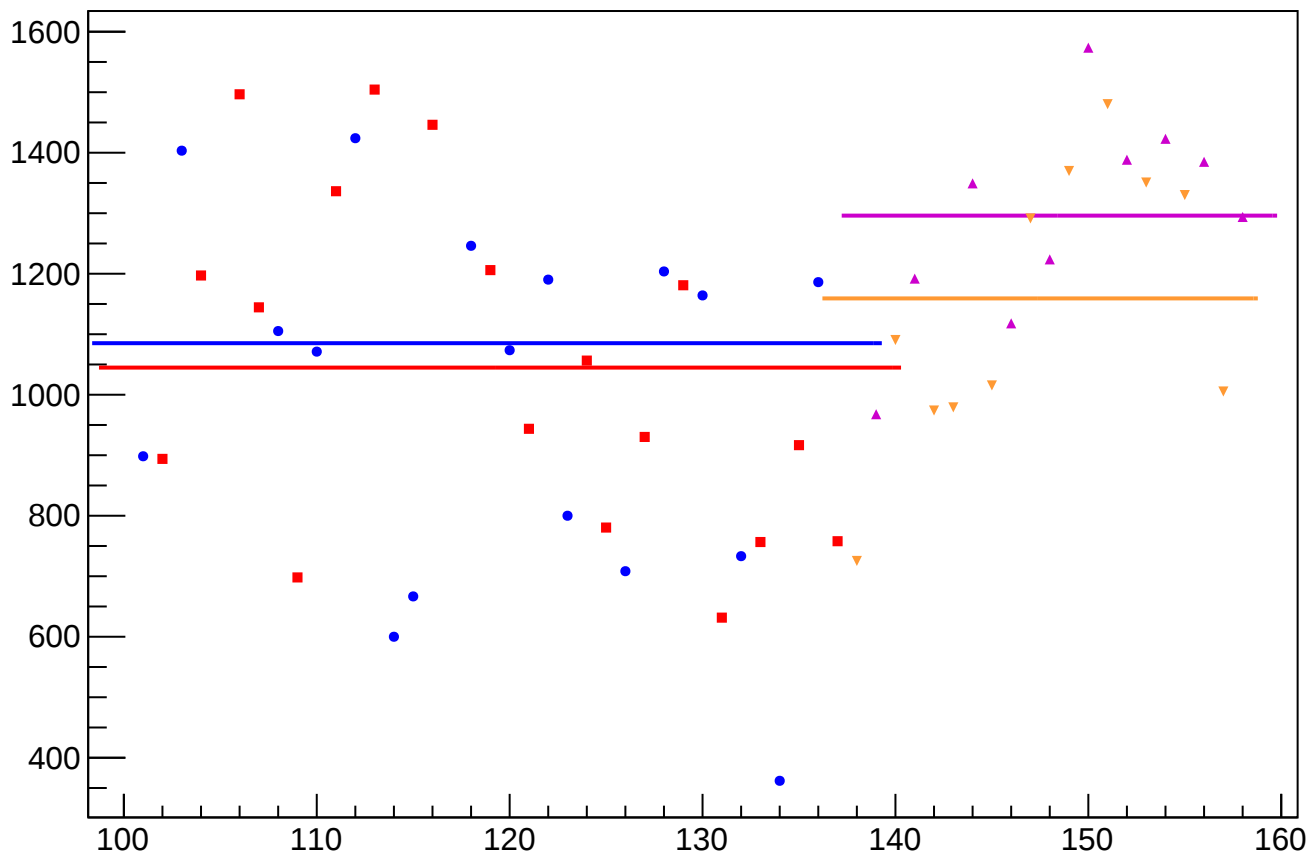
Right In: 991.656+/-0.000 χ^2/NDF : 2196543485135713219136059560633443549184.0/16
 Left Out: 1103.966+/-0.000 χ^2/NDF : 76902654944439459652299496150219620352.0/10
 Right Out: 722.834+/-0.000 χ^2/NDF : 2430230107927732709008698791969328988160.0/17
 Left In: 1275.970+/-0.000 χ^2/NDF : 67420388583295422064792380368849207296.0/9

dit_sam8_coil4_err_mean vs Slug



Right In: 112.967 $\pm$ 0.000 χ^2 /NDF: 1352482381635393188272506664826961920.0/16
 Left Out: 138.258 $\pm$ 0.000 χ^2 /NDF: 2172691555856412927294117447079034880.0/10
 Right Out: 105.949 $\pm$ 0.000 χ^2 /NDF: 1242528444706792757388488213889286144.0/17
 Left In: 134.100 $\pm$ 0.000 χ^2 /NDF: 1810391484561802212434518155162812416.0/9

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1085.186 +/- 0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1159.191 +/- 0.000 χ^2/NDF : 40668516727116441678258052017682382848.0/10

Right Out: 1044.852 +/- 0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

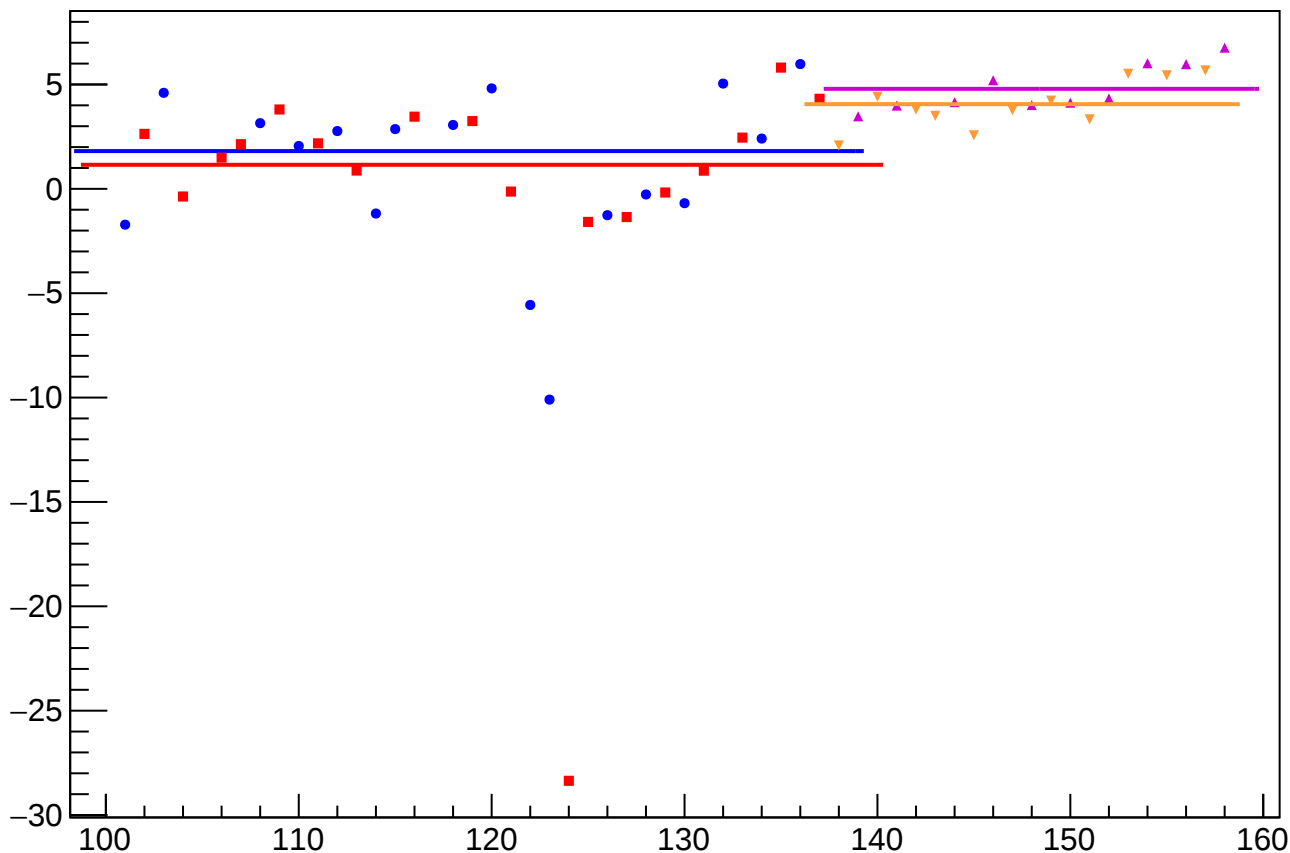
Left In: 1296.034 +/- 0.000 χ^2/NDF : 22794126955598242846656326276143382528.0/9

+ sign 1125.468 +/- 0.000 χ^2/NDF : 87340444395521

All: 1153.752 +/- 0.000 χ^2/NDF : 18788583623

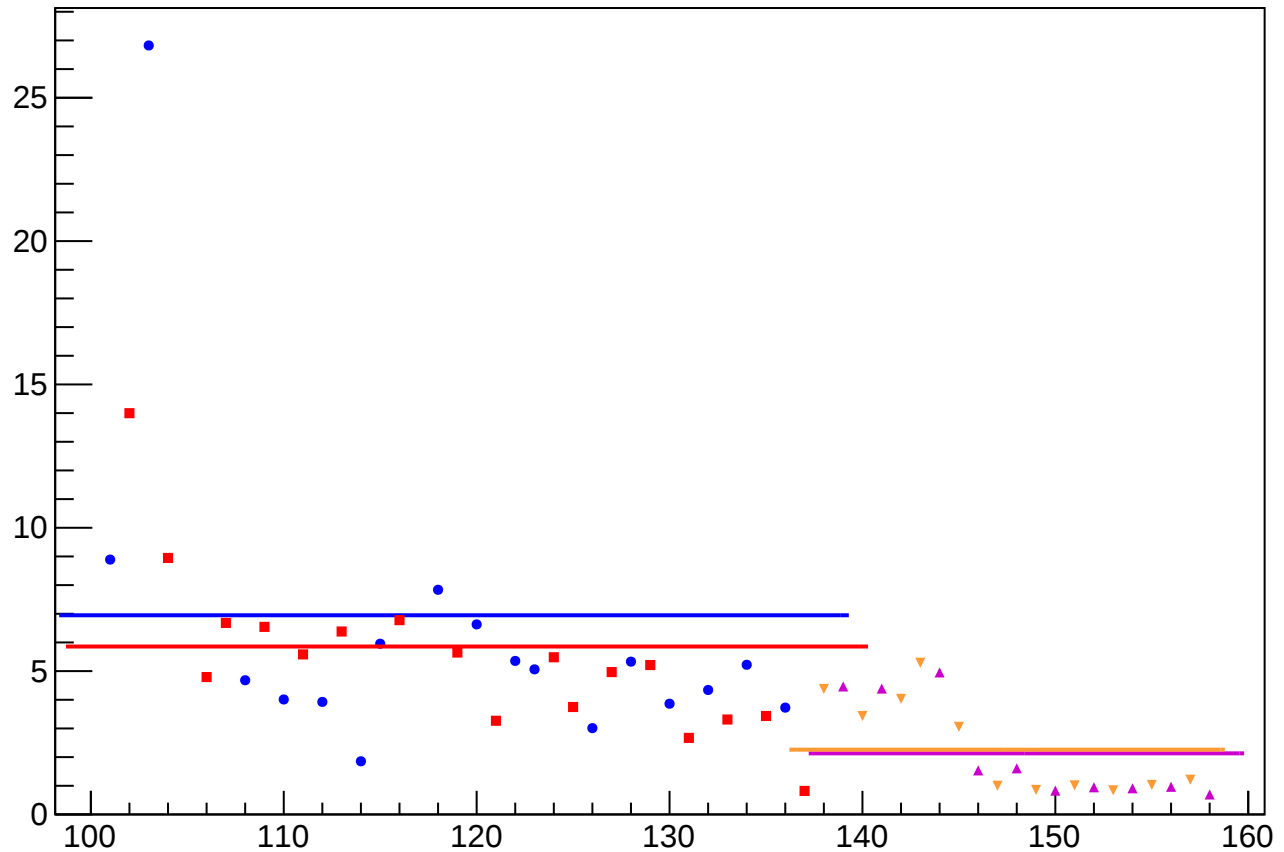
- sign 1181.277 +/- 0.000 χ^2/NDF : 98141372252081

dit_4aX_coil6_mean vs Slug



Right In: 1.808+/-0.000	χ^2/NDF : 7527409924358699638476786257362944.0/16	+ sign 3.031+/-0.000	χ^2/NDF : 10525084166937593
Left Out: 4.055+/-0.000	χ^2/NDF : 1089293033349136574710317070680064.0/10	All: 3.081+/-0.000	χ^2/NDF : 31811179066707
Right Out: 1.152+/-0.000	χ^2/NDF : 15220659080427743810069153064157184.0/17	- sign 3.129+/-0.000	χ^2/NDF : 21278722692172369
Left In: 4.792+/-0.000	χ^2/NDF : 915260834087470467894592529235968.0/9		

dit_4aX_coil6_err_mean vs Slug



Right In: 6.948 $\pm$ 0.000 χ^2 /NDF: 27500472377838631302114625925939200.0/16

Left Out: 2.260 $\pm$ 0.000 χ^2 /NDF: 2054687039530081082802423296163840.0/10

Right Out: 5.858 $\pm$ 0.000 χ^2 /NDF: 6347530911749266996807271930920960.0/17

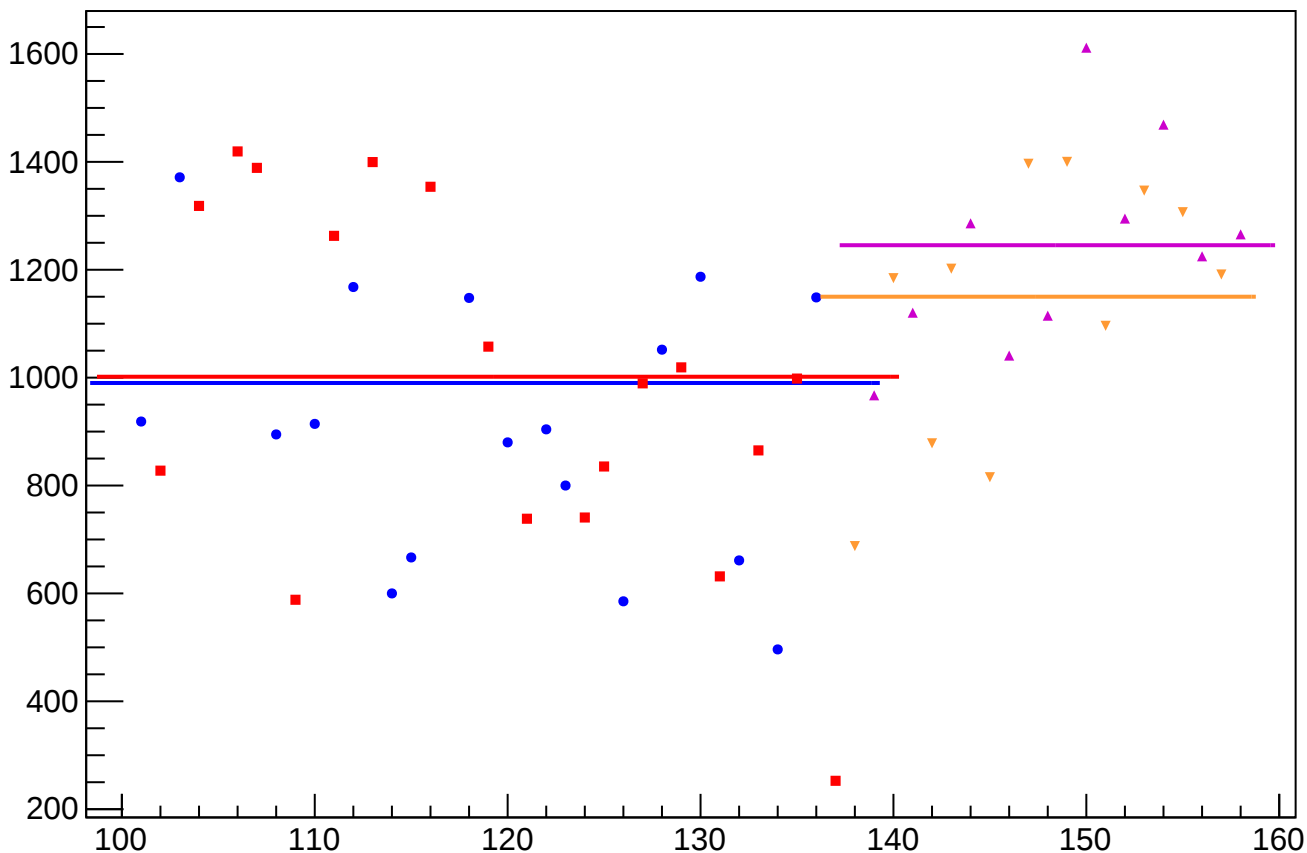
Left In: 2.131 $\pm$ 0.000 χ^2 /NDF: 2319858754312255450831539113295872.0/9

+ sign 4.396 $\pm$ 0.000 χ^2 /NDF: 37858392778716876

All: 4.111 $\pm$ 0.000 χ^2 /NDF: 52163293005236

- sign 3.834 $\pm$ 0.000 χ^2 /NDF: 14060900953256396

dit_4aX_coil6_Ndata_mean vs Slug



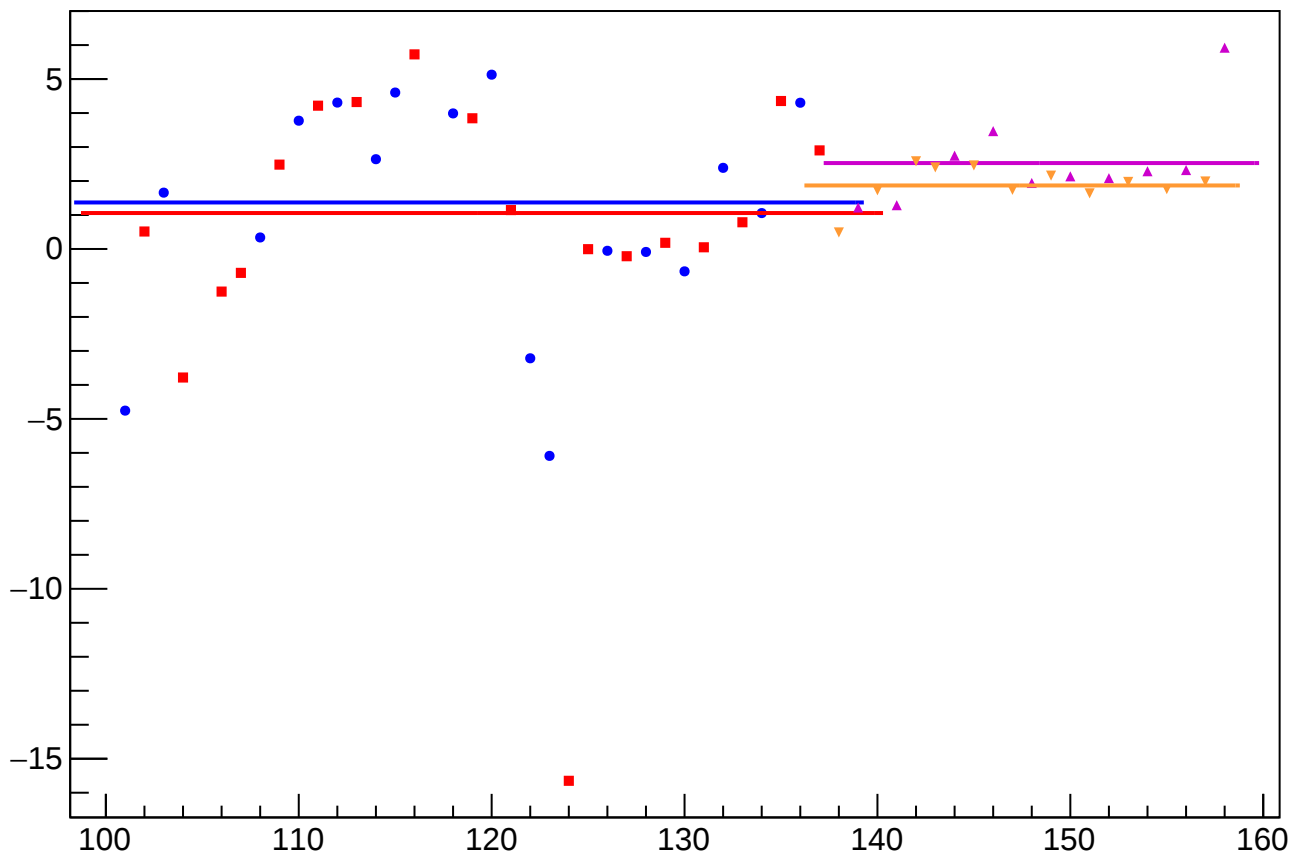
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

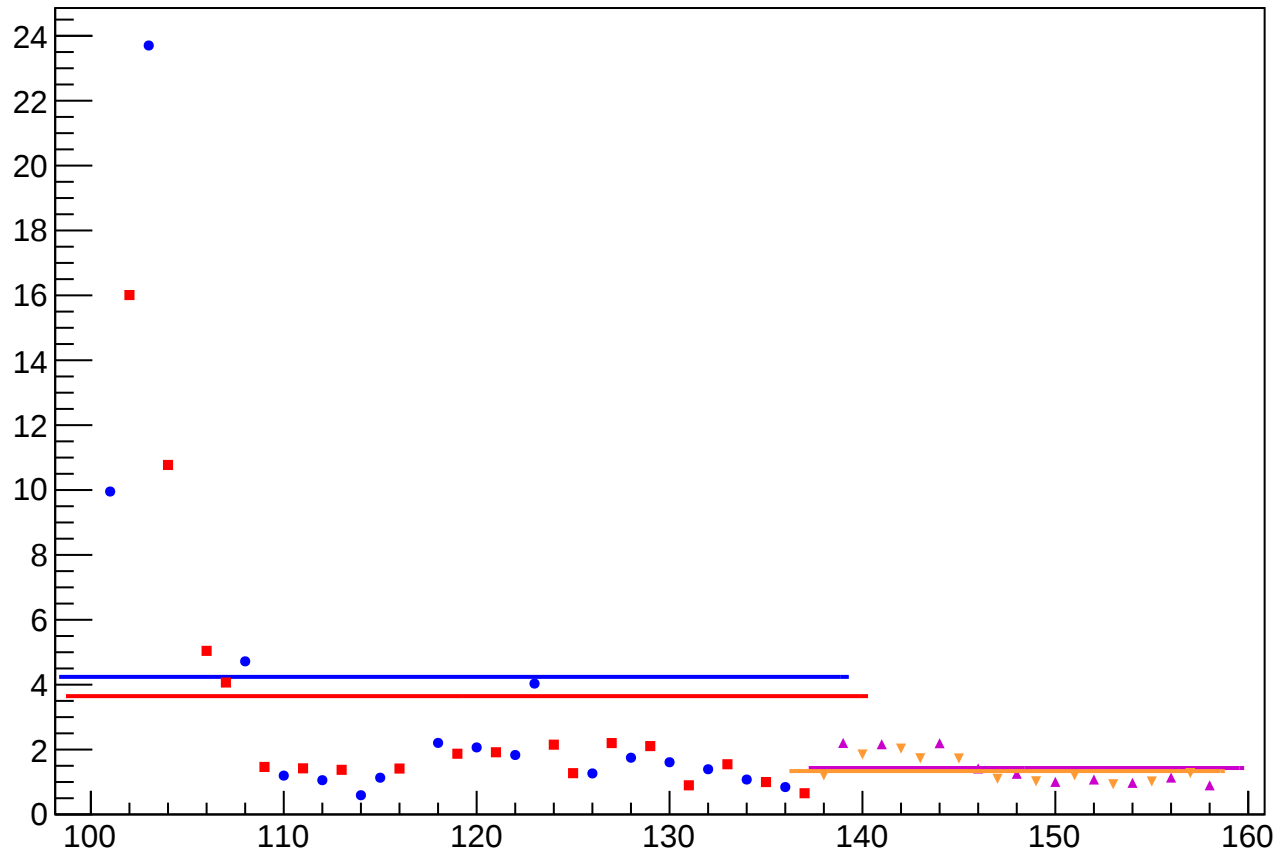
Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_4eX_coil6_mean vs Slug



Right In: 1.369+/-0.000	χ^2/NDF : 6191636339009546001582067680280576.0/16	+ sign 1.641+/-0.000	χ^2/NDF : 65216116976504116
Left Out: 1.869+/-0.000	χ^2/NDF : 235336054052698015936180517863424.0/10	All: 1.750+/-0.000	χ^2/NDF : 16915511643976
Right Out: 1.058+/-0.000	χ^2/NDF : 8169457084716591134016374239657984.0/17	- sign 1.856+/-0.000	χ^2/NDF : 10358108549146752
Left In: 2.528+/-0.000	χ^2/NDF : 1349044961764389745557504889192448.0/9		

dit_4eX_coil6_err_mean vs Slug



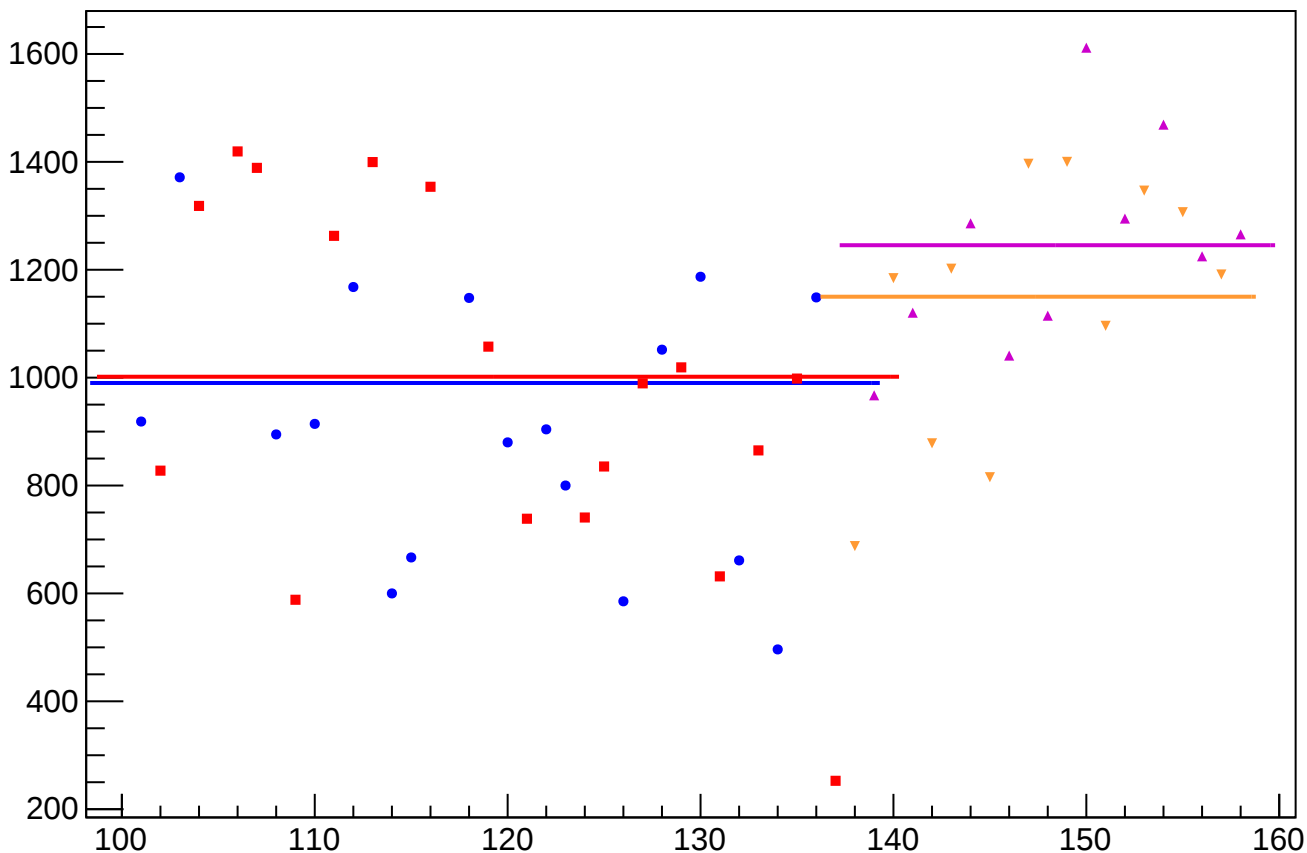
Right In: 4.241+/-0.000 χ^2/NDF : 28619887598660619239245868781535232.0/16

Left Out: 1.337+/-0.000 χ^2/NDF : 103789114035950038571395798007808.0/10

Right Out: 3.647+/-0.000 χ^2/NDF : 14024721044013316870032890924105728.0/17

Left In: 1.431+/-0.000 χ^2/NDF : 224842005141362903246648182308864.0/9

dit_4eX_coil6_Ndata_mean vs Slug



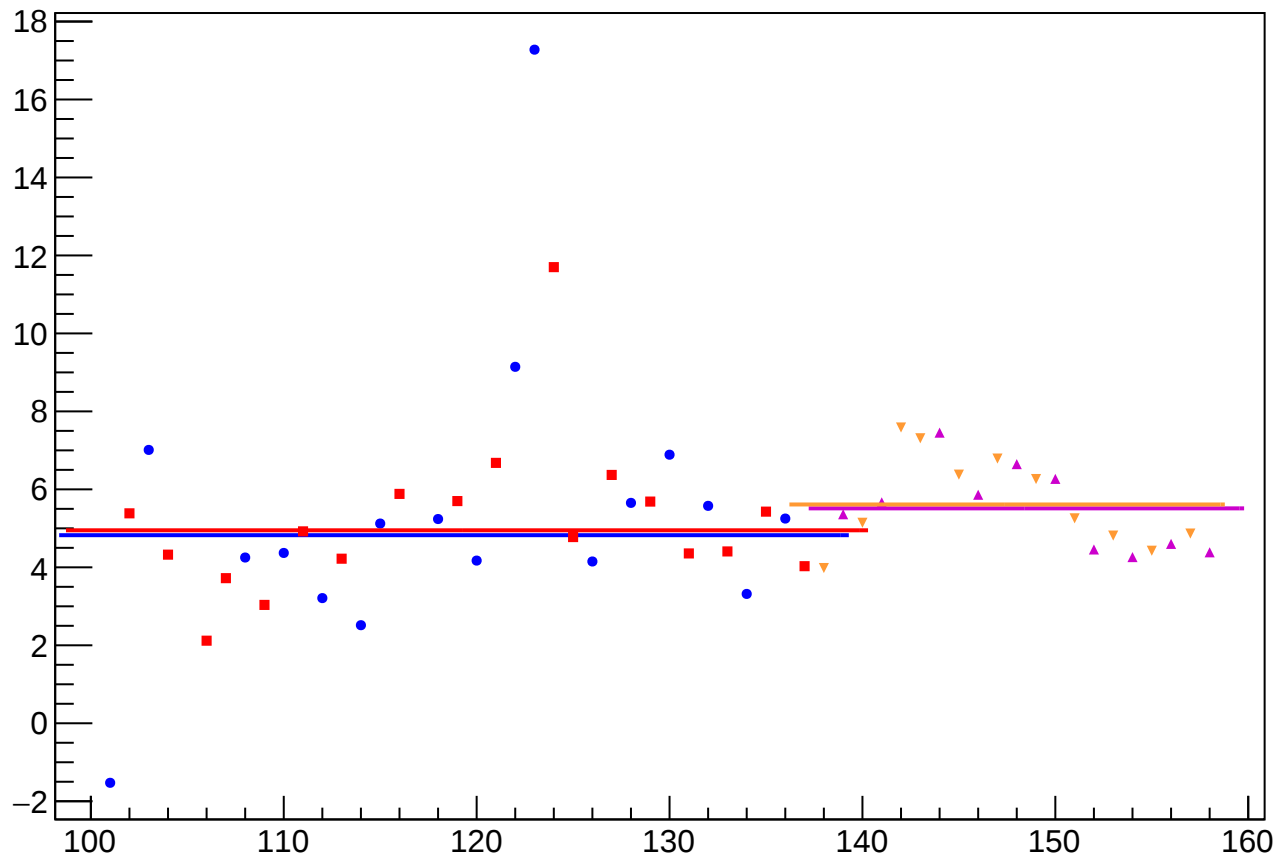
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10
 + sign 1077.160+/-0.000 χ^2/NDF : 91227043927851

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17
 All: 1106.020+/-0.000 χ^2/NDF : 20775031611

- sign 1134.105+/-0.000 χ^2/NDF : 11402032594767
 Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

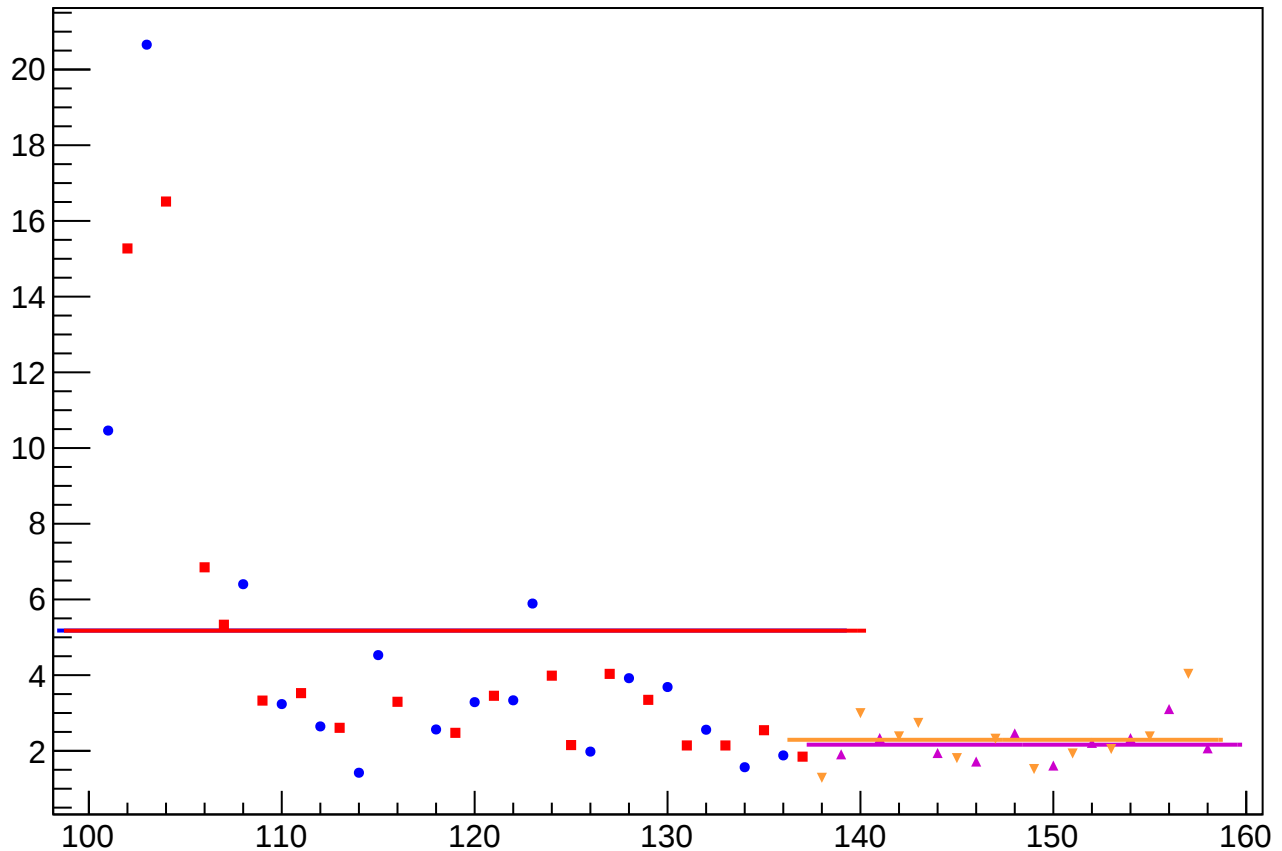
dit_11X12X_coil6_mean vs Slug



Right In: 4.824+/-0.000	χ^2/NDF : 4654072520475619864481183580553216.0/16
Left Out: 5.612+/-0.000	χ^2/NDF : 1005129080989904620325336491491328.0/10
Right Out: 4.950+/-0.000	χ^2/NDF : 1515007904318518564448163120283648.0/17
Left In: 5.512+/-0.000	χ^2/NDF : 914990545587056025601271276765184.0/9

+ sign 5.253+/-0.000 χ^2/NDF : 58936997626300008
 All: 5.254+/-0.000 χ^2/NDF : 84465614966075
 - sign 5.255+/-0.000 χ^2/NDF : 25528582506403592

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.179+/-0.000 χ^2/NDF : 19215970923479019199836696755568640.0/16

Left Out: 2.293+/-0.000 χ^2/NDF : 441721992909855242817809676238848.0/10

Right Out: 5.175+/-0.000 χ^2/NDF : 15553868406688086696237036103270400.0/17

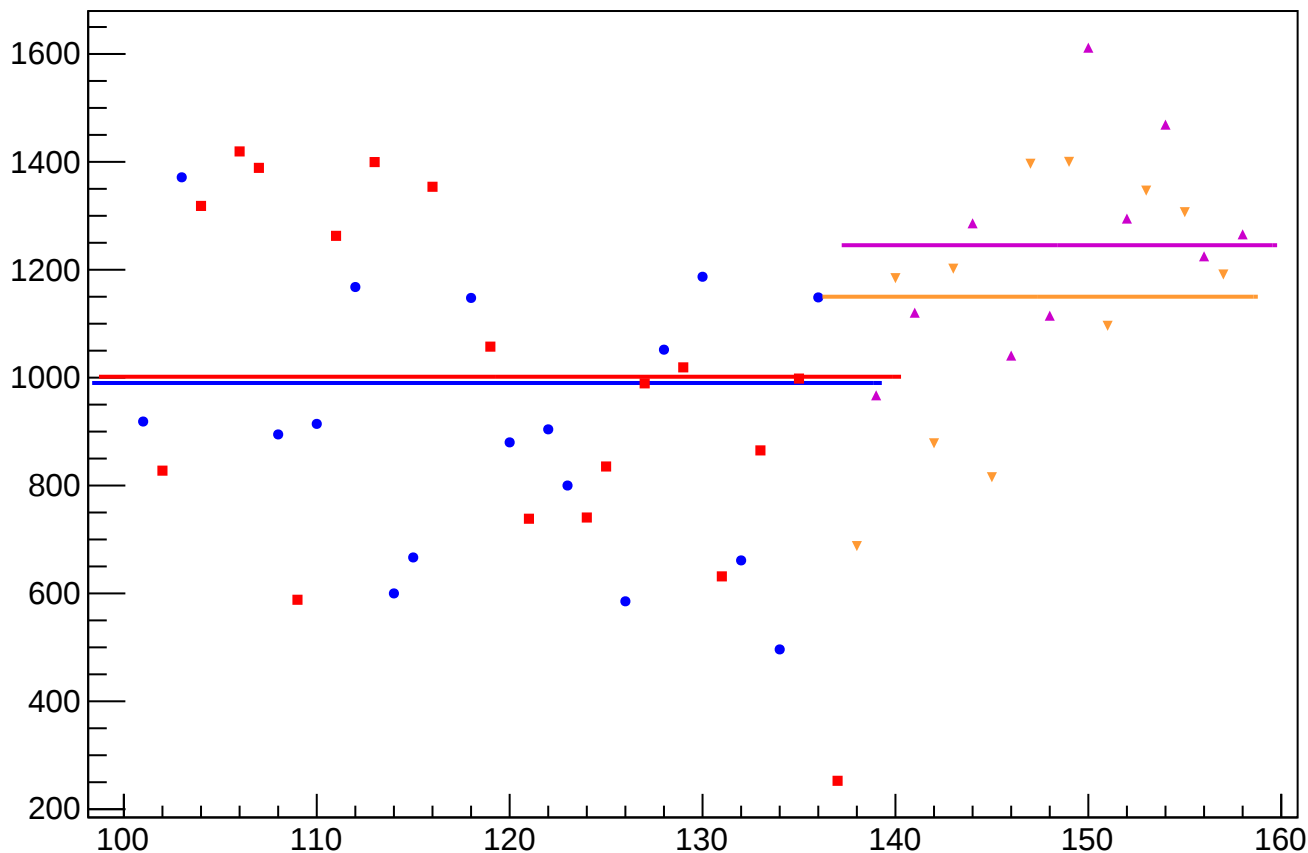
Left In: 2.163+/-0.000 χ^2/NDF : 138342760937733856778233030115328.0/9

+ sign 3.608+/-0.000 χ^2/NDF : 22804047119473769

All: 3.573+/-0.000 χ^2/NDF : 4202267788038

- sign 3.539+/-0.000 χ^2/NDF : 19215012260789313

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

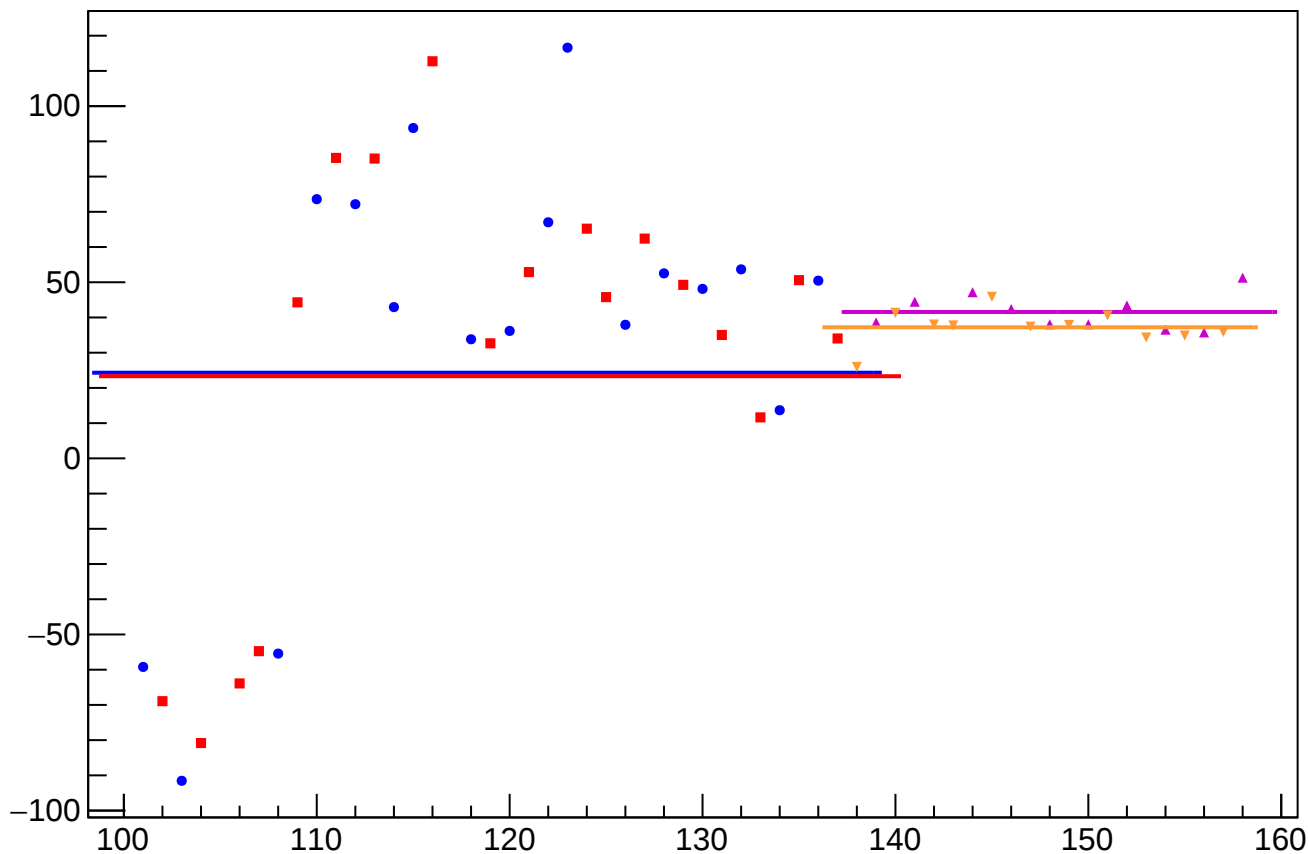
Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

+ sign 1077.160+/-0.000 χ^2/NDF : 91227043927851

All: 1106.020+/-0.000 χ^2/NDF : 20775031611

- sign 1134.105+/-0.000 χ^2/NDF : 11402032594767

dit_4aY_coil6_mean vs Slug



Right In: 24.318 $\pm$ 0.000 χ^2 /NDF: 2002814634195538334157710520710332416.0/16

+ sign 31.337 $\pm$ 0.000 χ^2 /NDF: 2084975191176582

Left Out: 37.213 $\pm$ 0.000 χ^2 /NDF: 19355009144415945460890723164356608.0/10

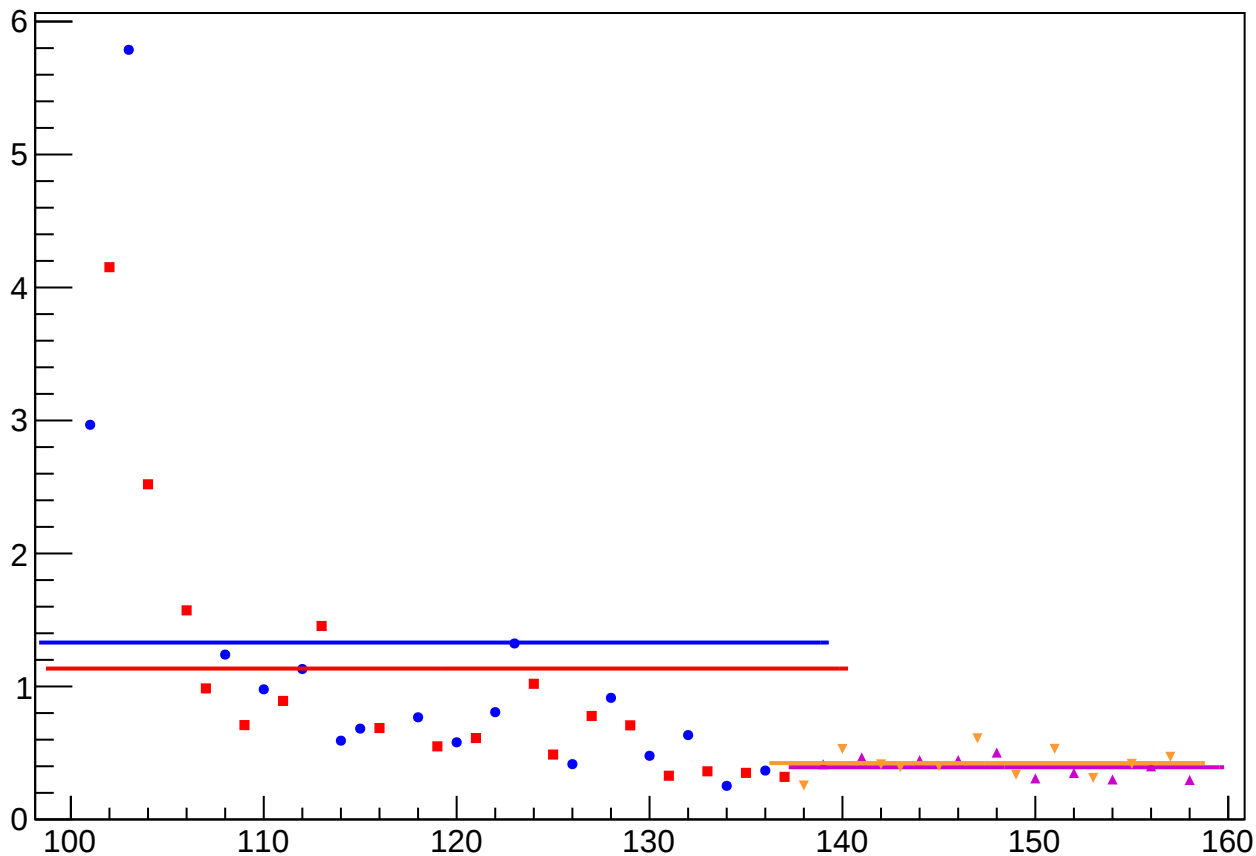
All: 32.296 $\pm$ 0.000 χ^2 /NDF: 4536615413596

Right Out: 23.323 $\pm$ 0.000 χ^2 /NDF: 2300287491781415748029178925971144704.0/17

- sign 33.230 $\pm$ 0.000 χ^2 /NDF: 2448874596243787

Left In: 41.564 $\pm$ 0.000 χ^2 /NDF: 19373970114651817082883195053015040.0/9

dit_4aY_coil6_err_mean vs Slug



Right In: 1.330+/-0.000 χ^2/NDF : 1603106167275520107151234942631936.0/16

Left Out: 0.424+/-0.000 χ^2/NDF : 8700074945012808296749460357120.0/10

Right Out: 1.135+/-0.000 χ^2/NDF : 803137408294494563054397652205568.0/17

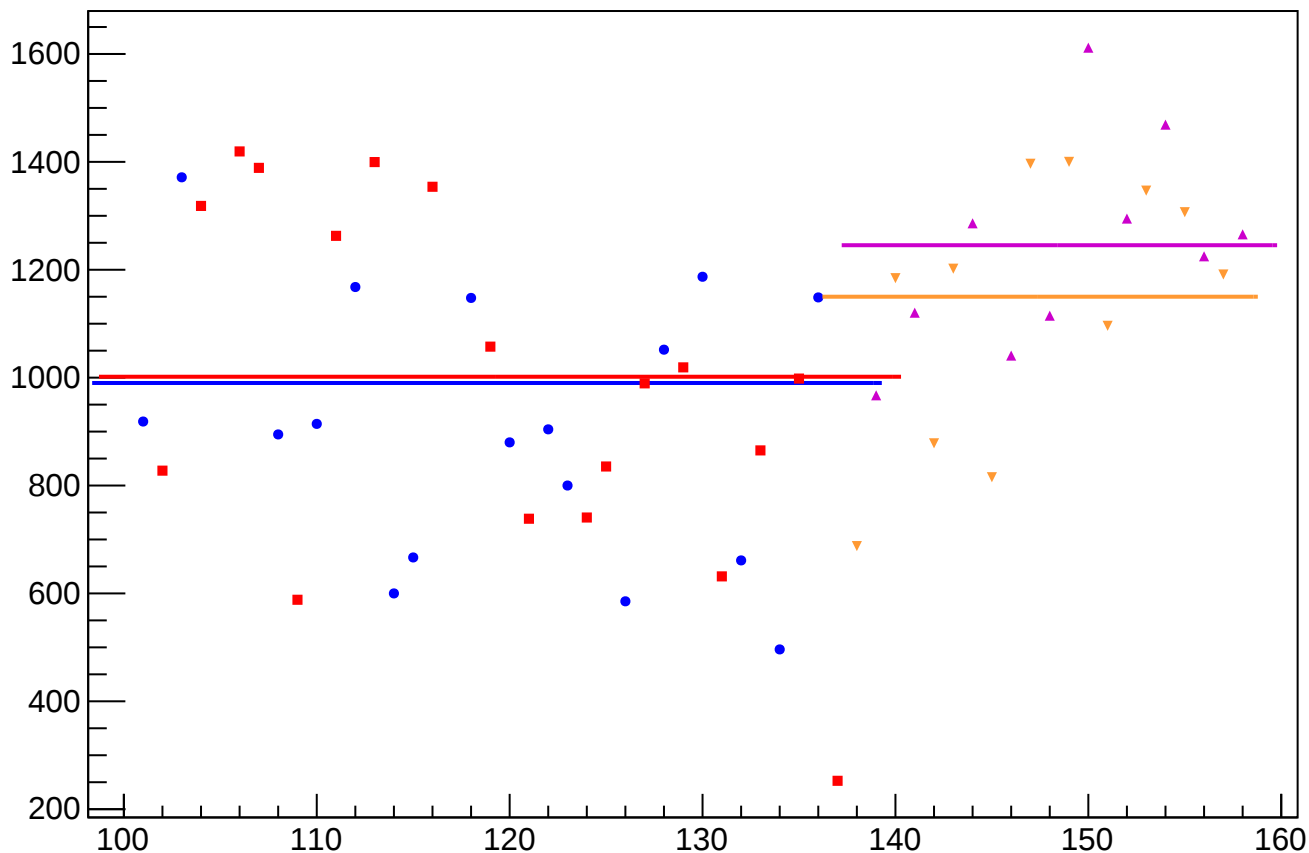
Left In: 0.392+/-0.000 χ^2/NDF : 4315346467948458508430287568896.0/9

+ sign 0.837+/-0.000 χ^2/NDF : 19220729370282583

All: 0.784+/-0.000 χ^2/NDF : 29520089884313

- sign 0.732+/-0.000 χ^2/NDF : 10213587796138486

dit_4aY_coil6_Ndata_mean vs Slug



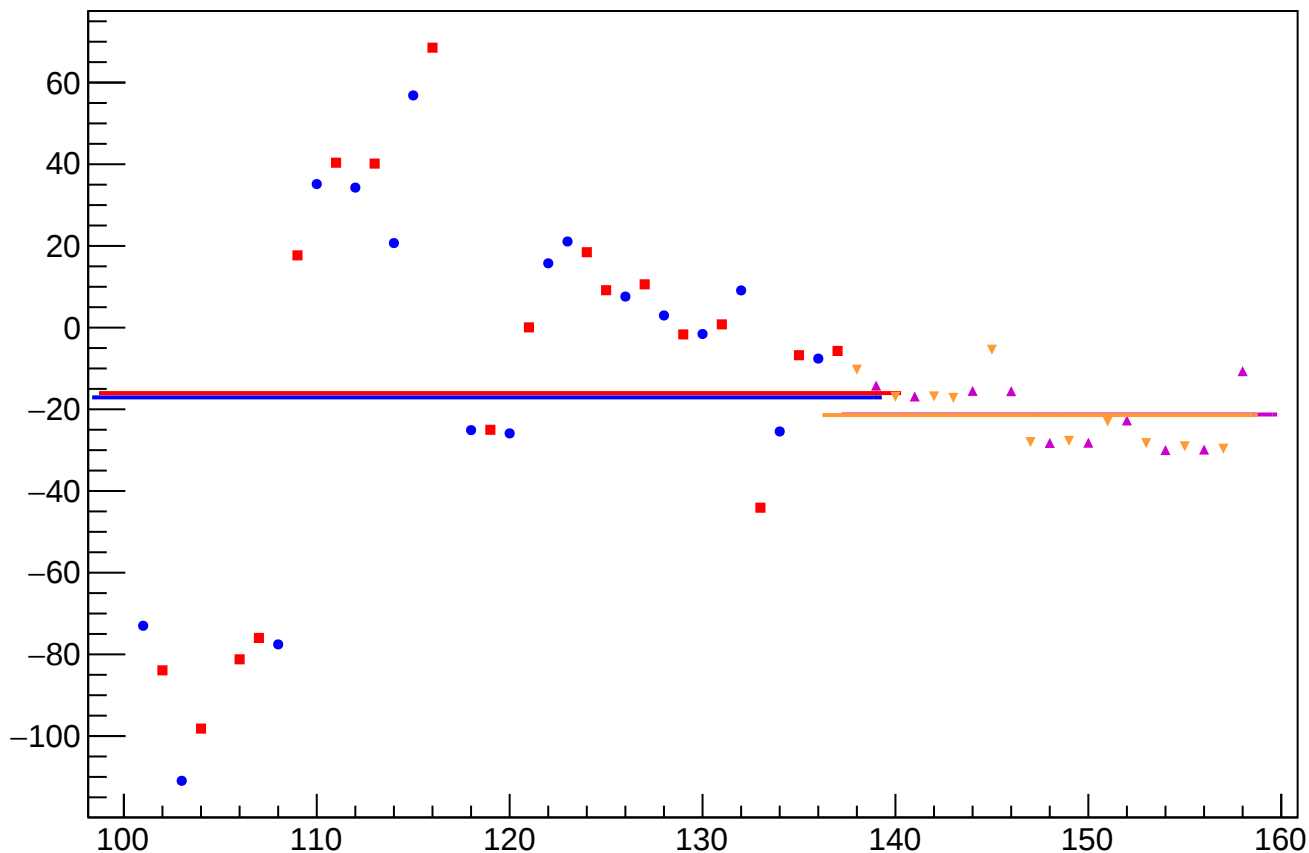
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_4eY_coil6_mean vs Slug



Right In: -17.080+/-0.000 χ^2/NDF : 1305852396524110552444351569704517632.0/16

Left Out: -21.413+/-0.000 χ^2/NDF : 54072516703291333549007134315773952.0/10

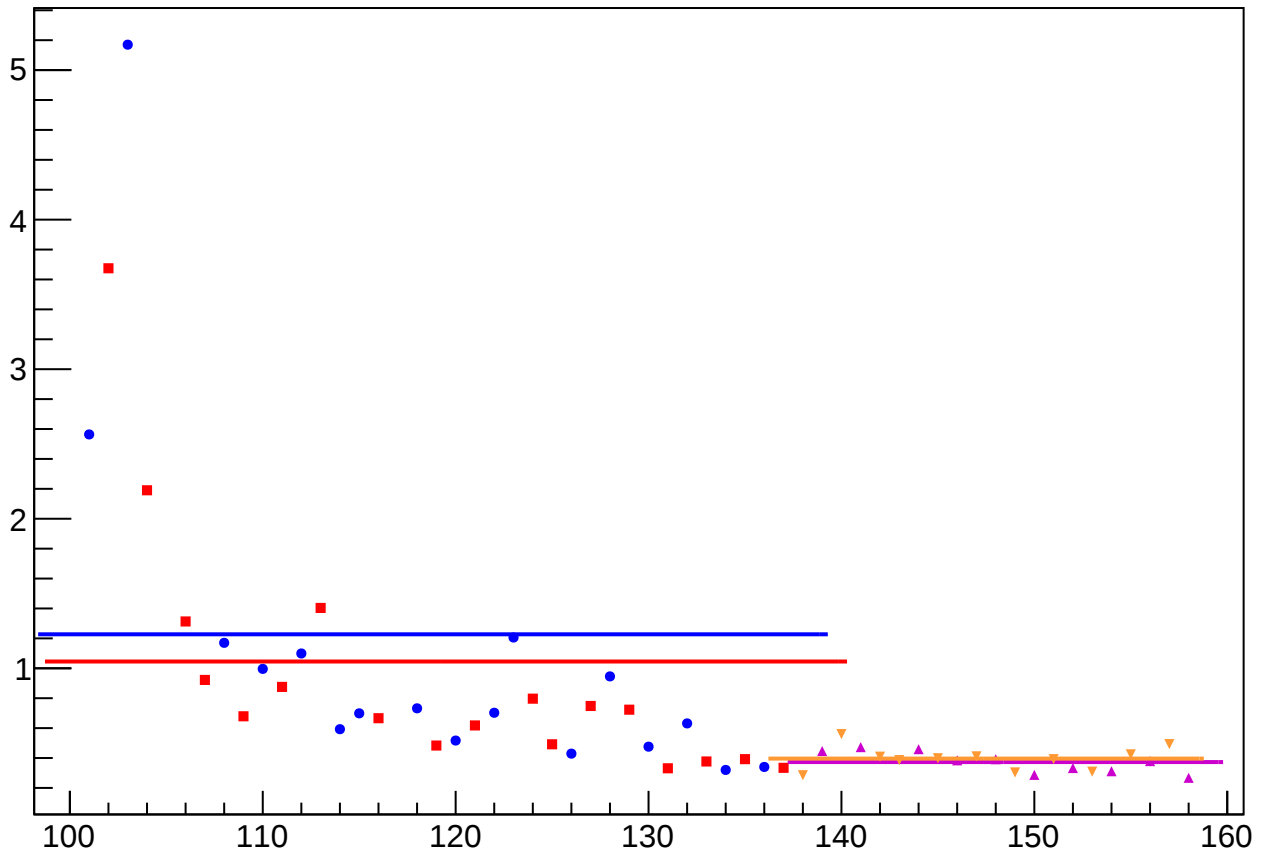
Right Out: -16.026+/-0.000 χ^2/NDF : 1544075638091019901834252047429402624.0/17

Left In: -21.269+/-0.000 χ^2/NDF : 41754574015175796175715260549824512.0/9

All: -19.152+/-0.000 χ^2/NDF : 296377142942

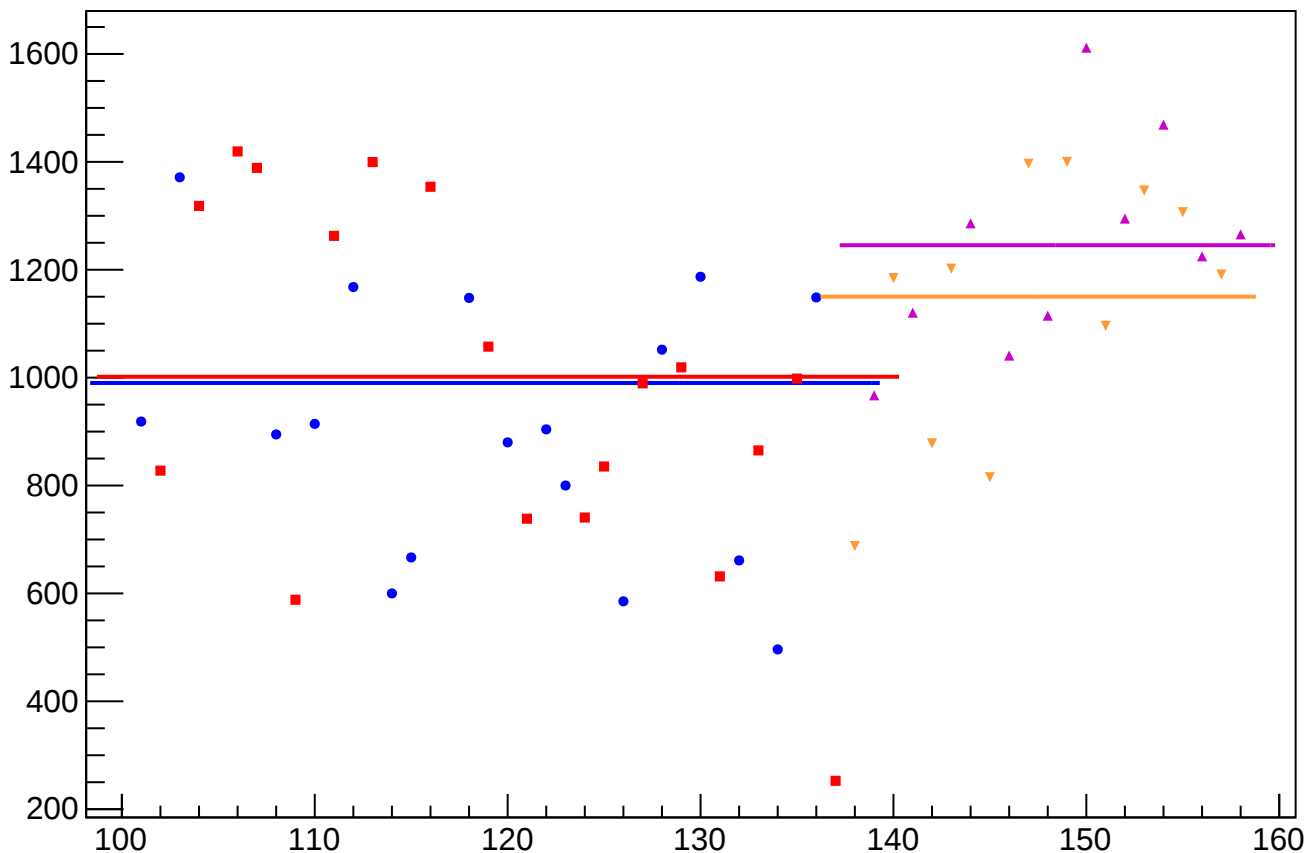
- sign -18.874+/-0.000 χ^2/NDF : 1596506286094589

dit_4eY_coil6_err_mean vs Slug



Right In: 1.227 ± 0.000 χ^2/NDF : 1236268785411842731770087408140288.0/16
 Left Out: 0.396 ± 0.000 χ^2/NDF : 5324942341777100199697638752256.0/10
 Right Out: 1.045 ± 0.000 χ^2/NDF : 600057841416365938926945245855744.0/17
 Left In: 0.373 ± 0.000 χ^2/NDF : 4027830902106726884838557614080.0/9

dit_4eY_coil6_Ndata_mean vs Slug



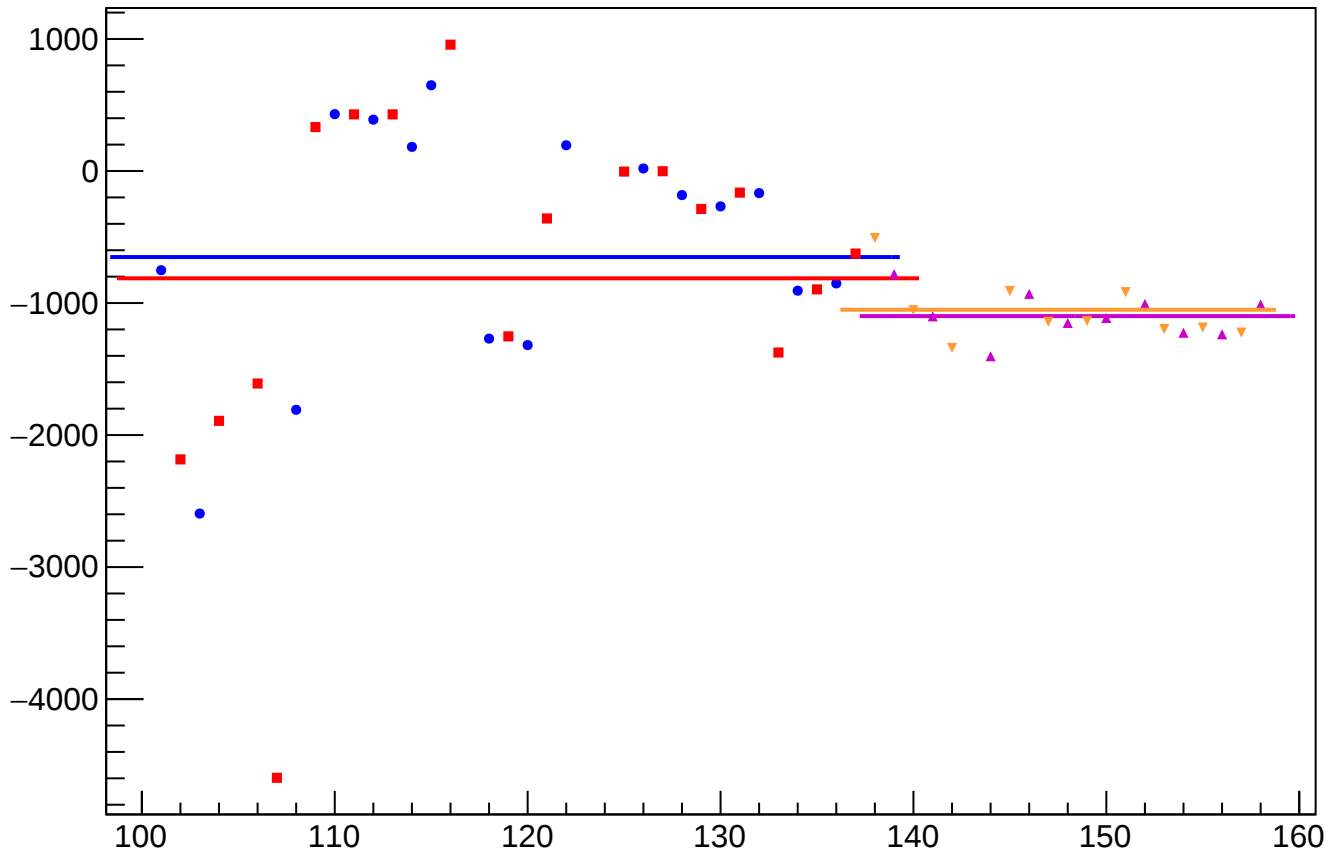
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_usl_coil6_mean vs Slug



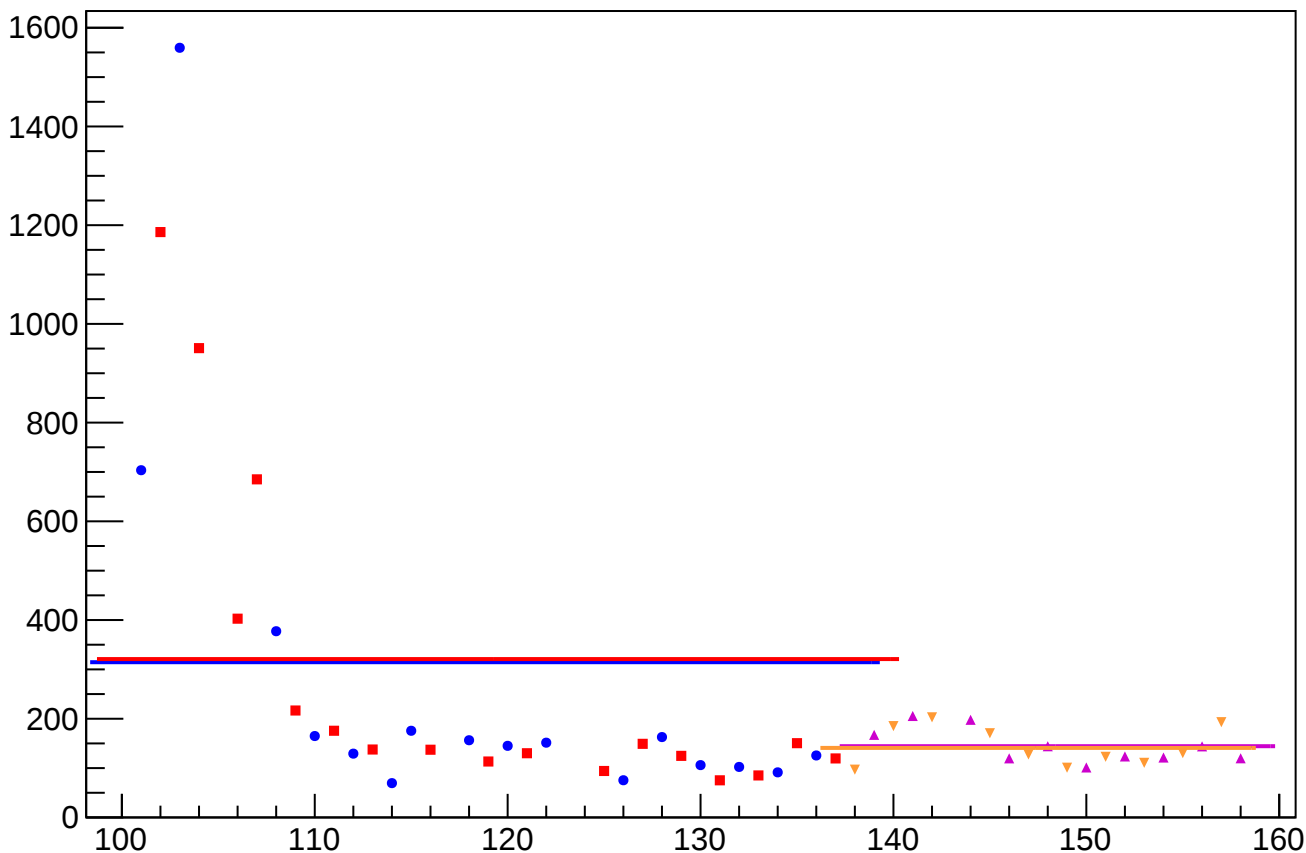
Right In: -651.720+/-0.000 χ^2/NDF : 515253429514141170908240824492993019904.0/15

Left Out: -1050.870+/-0.000 χ^2/NDF : 36503973090116901044042094136642240512.0/9

Right Out: -812.763+/-0.000 χ^2/NDF : 1101460876390641458322598423370785619968.0/16

Left In: -1099.061+/-0.000 χ^2/NDF : 23327960471151816651133959621532712960.0/9

dit_usl_coil6_err_mean vs Slug



Right In: 314.545+/-0.000 χ^2/NDF : 119237374869722274381627978354572394496.0/15

Left Out: 140.907+/-0.000 χ^2/NDF : 1018334492606098052104815130431193088.0/9

Right Out: 320.904+/-0.000 χ^2/NDF : 87674109079535670450798871539758399488.0/16

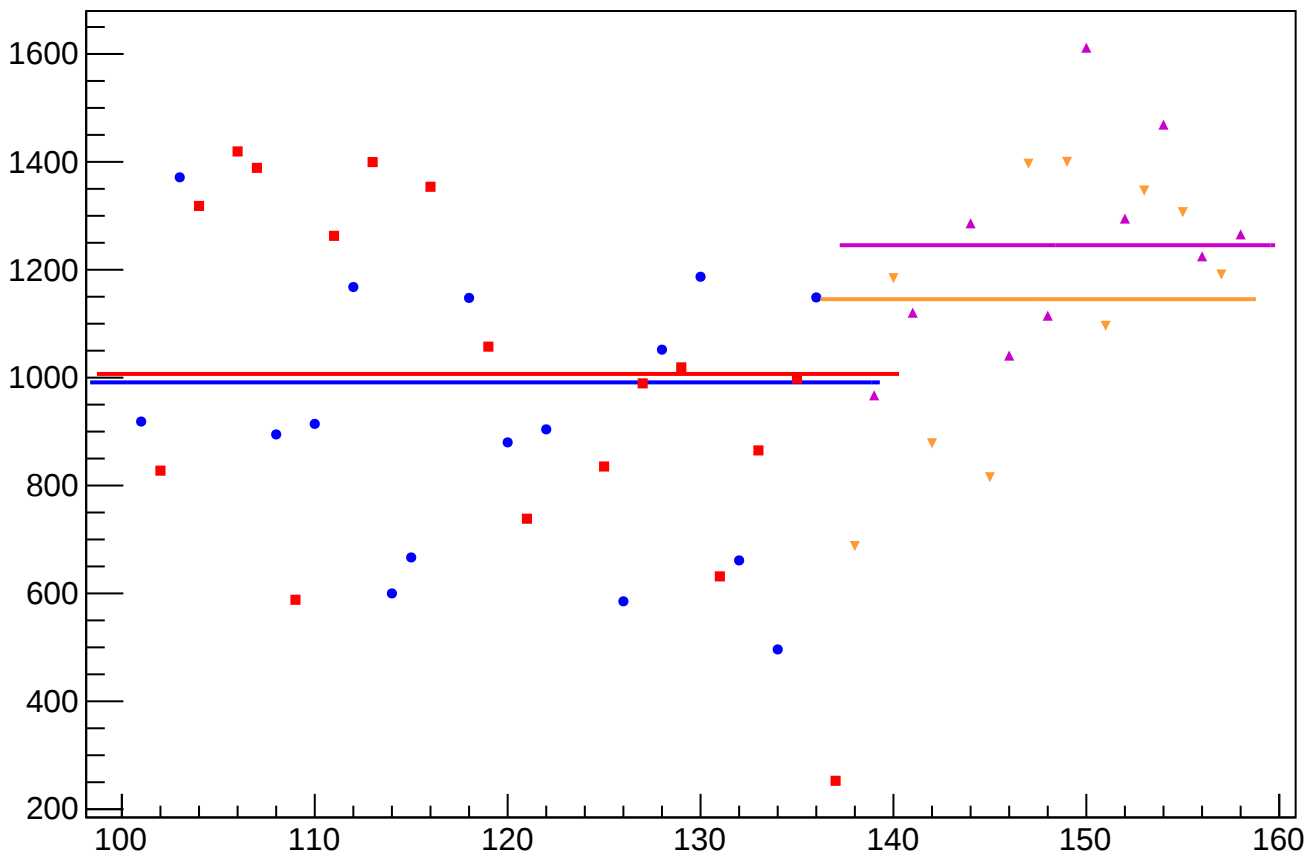
Left In: 144.376+/-0.000 χ^2/NDF : 968206857491900097070881472904167424.0/9

+ sign 223.421+/-0.000 χ^2/NDF : 131173277666039

All: 223.803+/-0.000 χ^2/NDF : 231787631012

- sign 224.161+/-0.000 χ^2/NDF : 100613942847186

dit_usl_coil6_Ndata_mean vs Slug



Right In: 991.206+/-0.000 χ^2/NDF : 36748853080147814133782972147039207424.0/15

+ sign 1072.164+/-0.000 χ^2/NDF : 89839582993174

Left Out: 1145.472+/-0.000 χ^2/NDF : 44473225622117496741048861105430986752.0/9

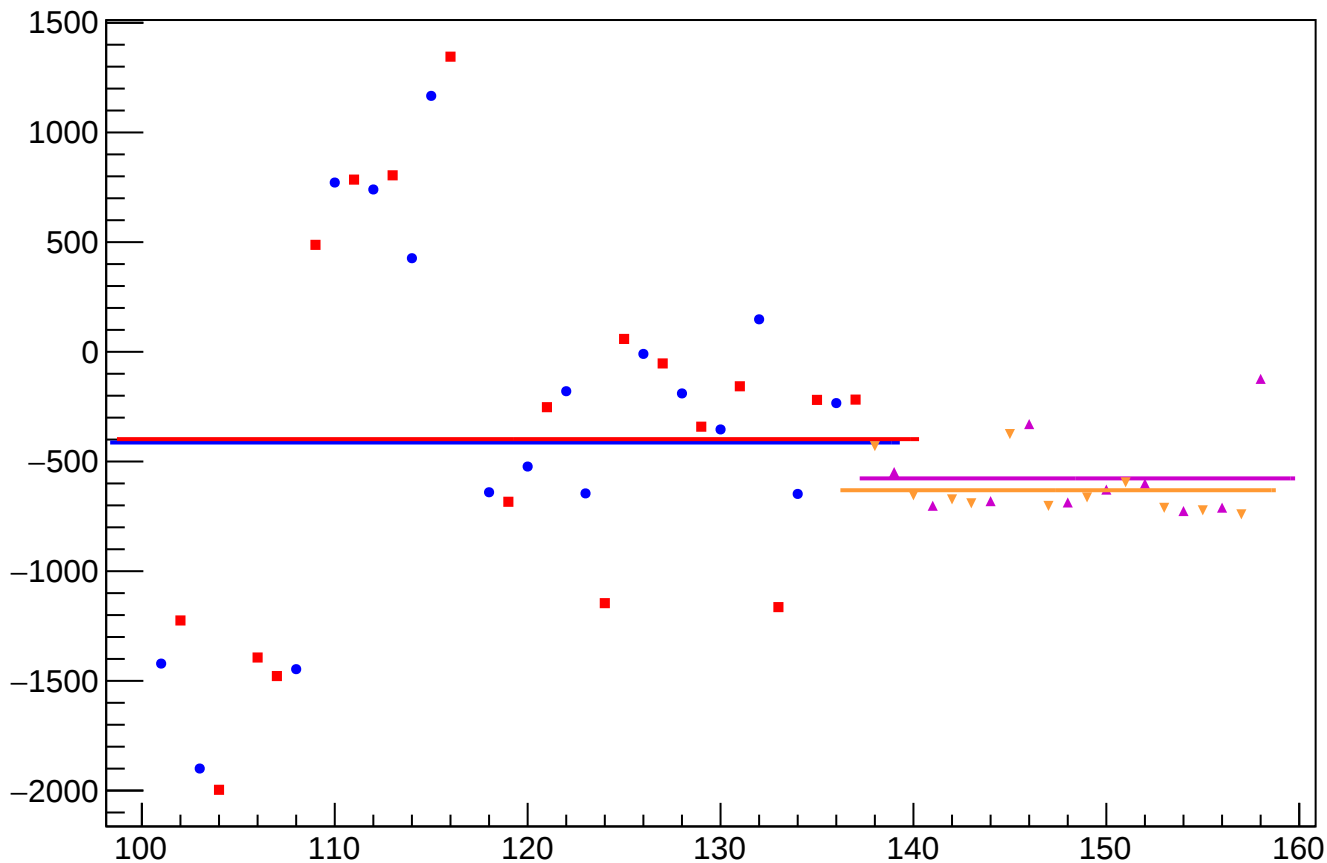
All: 1105.990+/-0.000 χ^2/NDF : 2048904218

Right Out: 1006.896+/-0.000 χ^2/NDF : 60379057385364851969891575322776698880.0/16

- sign 1137.656+/-0.000 χ^2/NDF : 11183417703593

Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_usr_coil6_mean vs Slug



Right In: -413.418+/-0.000 χ^2/NDF : 416661262936725907024907175037323182080.0/16

Left Out: -630.941+/-0.000 χ^2/NDF : 11327422313292775215932143944855453696.0/10

Right Out: -397.961+/-0.000 χ^2/NDF : 544622124437292502497528454351499034624.0/17

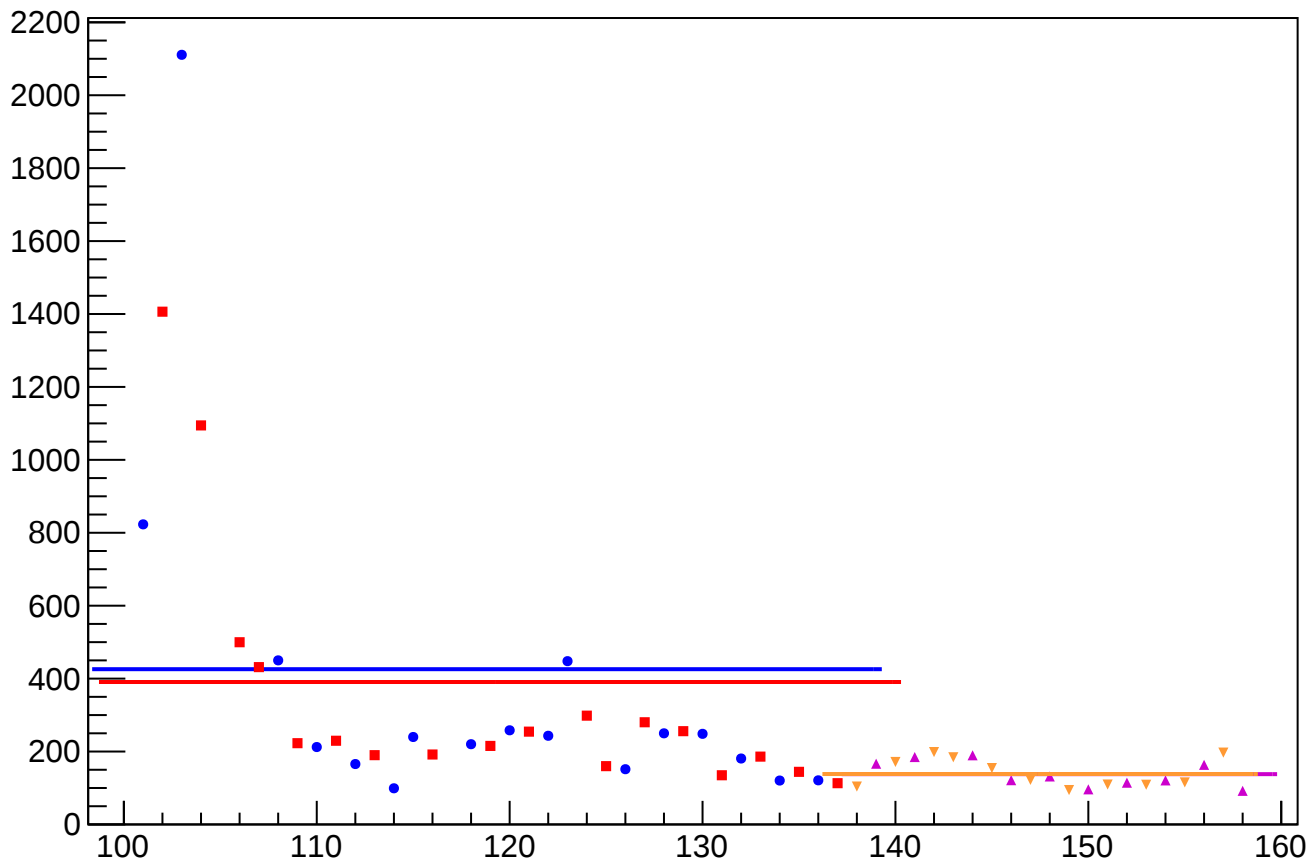
Left In: -576.992+/-0.000 χ^2/NDF : 28799683836028709560263908278212231168.0/9

+ sign -531.820+/-0.000 χ^2/NDF : 44586271969728

All: -513.260+/-0.000 χ^2/NDF : 10327668606

- sign -495.198+/-0.000 χ^2/NDF : 58586897560332

dit_usr_coil6_err_mean vs Slug



Right In: 425.847+/-0.000 χ^2/NDF : 207036344088227618256858466697210757120.0/16

Left Out: 138.322+/-0.000 χ^2/NDF : 1128066286514459644564250314053517312.0/10

Right Out: 390.709+/-0.000 χ^2/NDF : 105177402148385851360915440950786916352.0/17

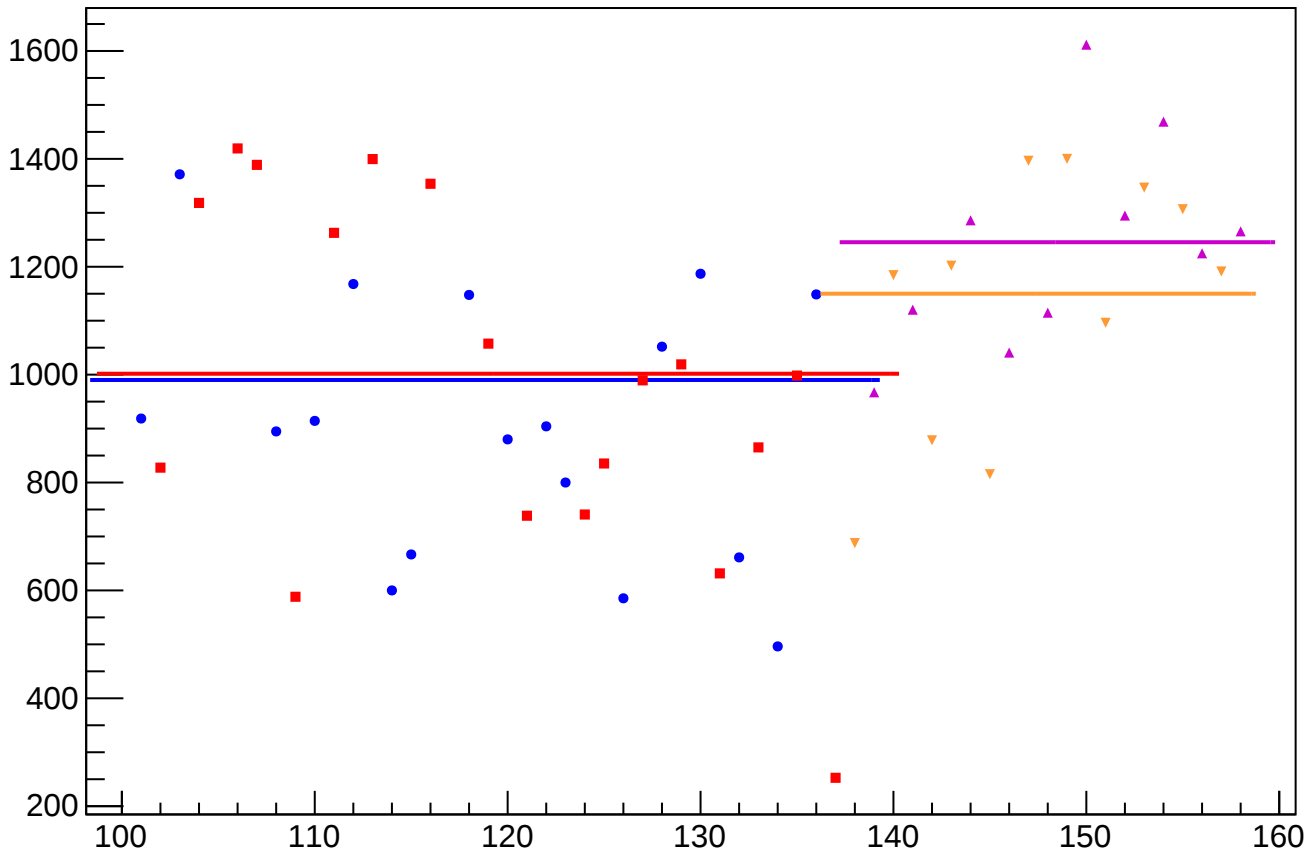
Left In: 137.975+/-0.000 χ^2/NDF : 971339553027923153872934671373828096.0/9

+ sign 269.341+/-0.000 χ^2/NDF : 239393870597758

All: 261.283+/-0.000 χ^2/NDF : 370542604711

- sign 253.441+/-0.000 χ^2/NDF : 130953598357627

dit_usr_coil6_Ndata_mean vs Slug



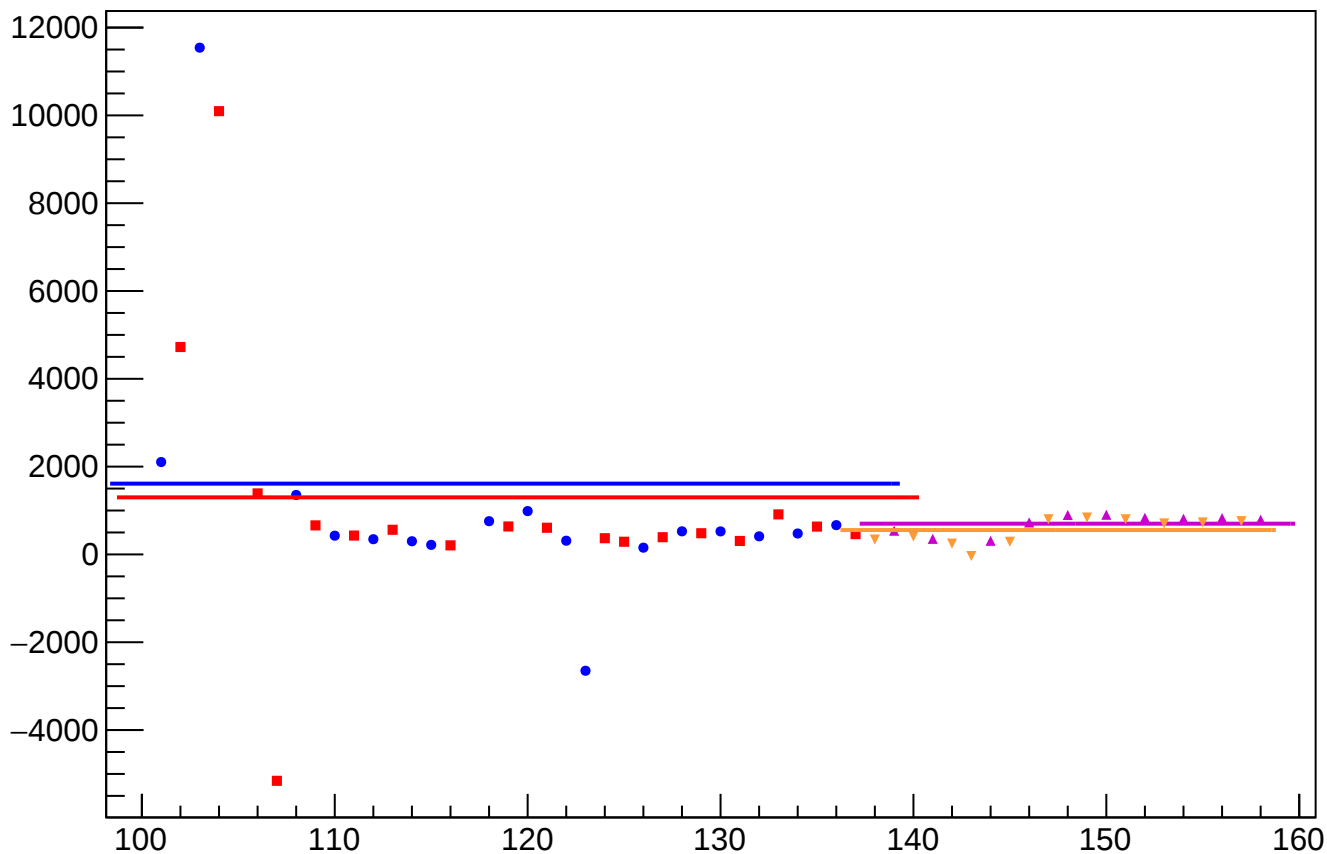
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

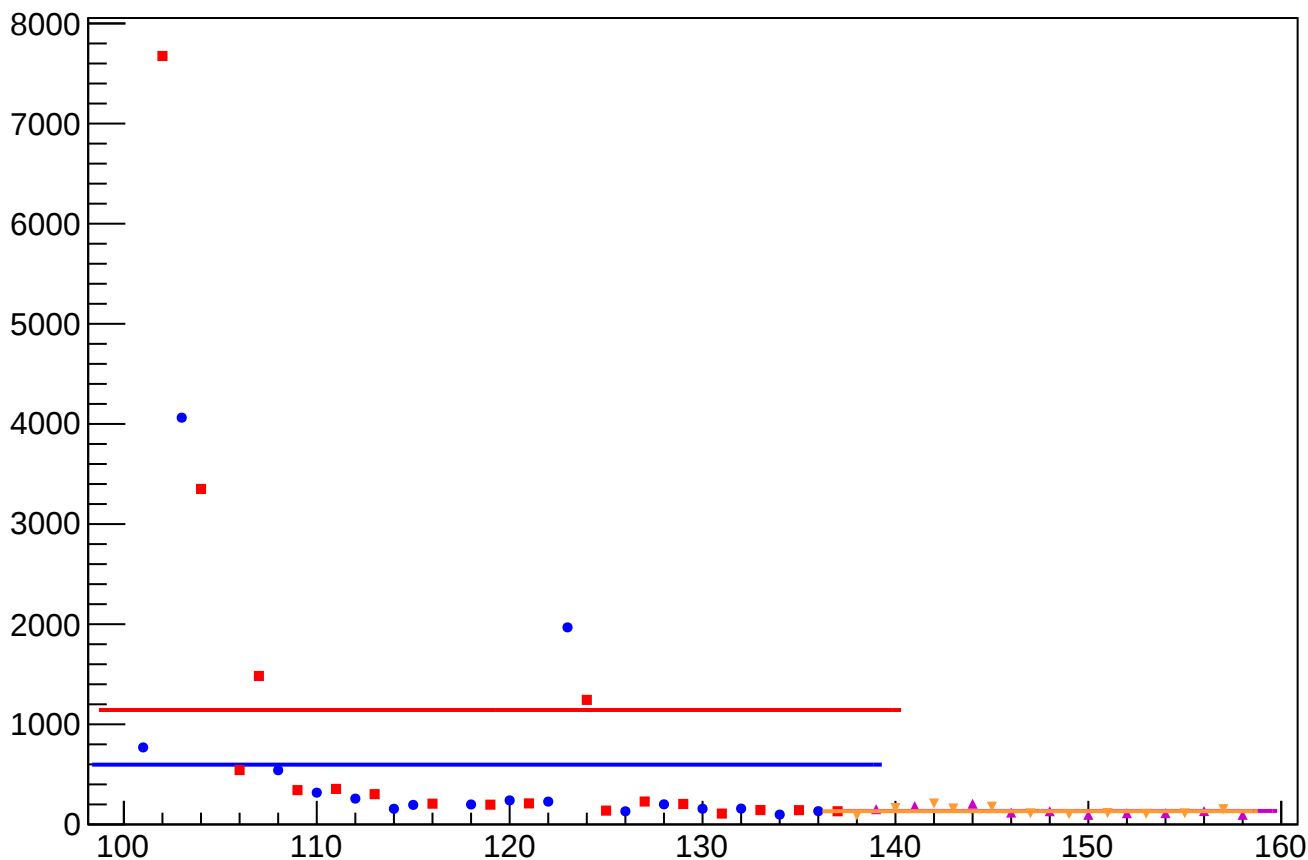
Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_atl1_coil6_mean vs Slug



Right In: 1612.346 ± 0.000 χ^2/NDF : 6578565632222822389389916952029424517120.0/16
 Left Out: 554.987 ± 0.000 χ^2/NDF : 62377678420392730281127240733059710976.0/10
 Right Out: 1299.611 ± 0.000 χ^2/NDF : 6468181068576271058681439598083982753792.0/17
 Left In: 700.188 ± 0.000 χ^2/NDF : 37487036516624487220986228869934612480.0/9

dit_atl1_coil6_err_mean vs Slug



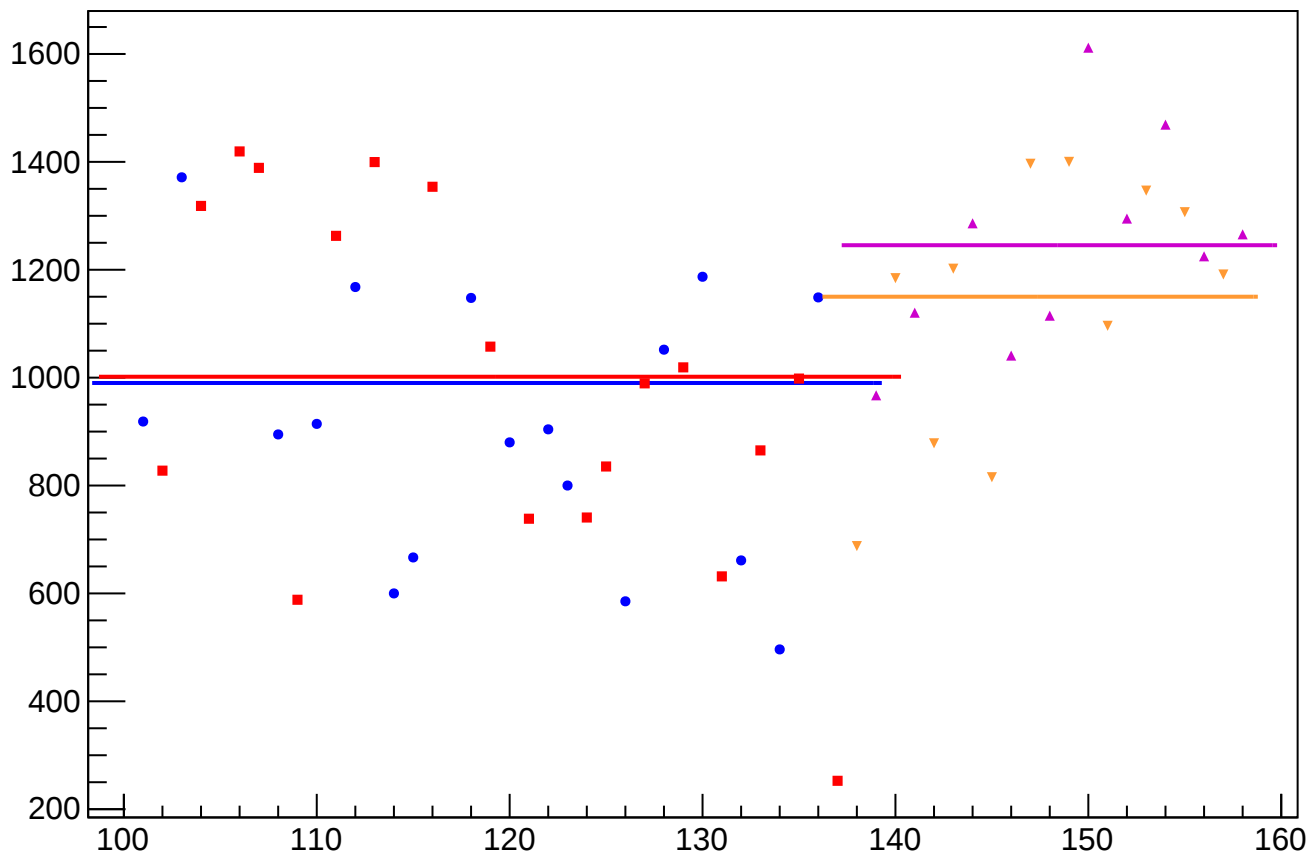
Right In: 597.382 $\pm$ 0.000 χ^2/NDF : 808468639420281882930484113186400239616.0/16

Left Out: 132.418 $\pm$ 0.000 χ^2/NDF : 959358437087453930125110617984466944.0/10

Right Out: 1143.180 $\pm$ 0.000 χ^2/NDF : 3192644561132334907368616853810301632512.0/17

Left In: 134.826 $\pm$ 0.000 χ^2/NDF : 1051215596080079063893753290599432192.0/9

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

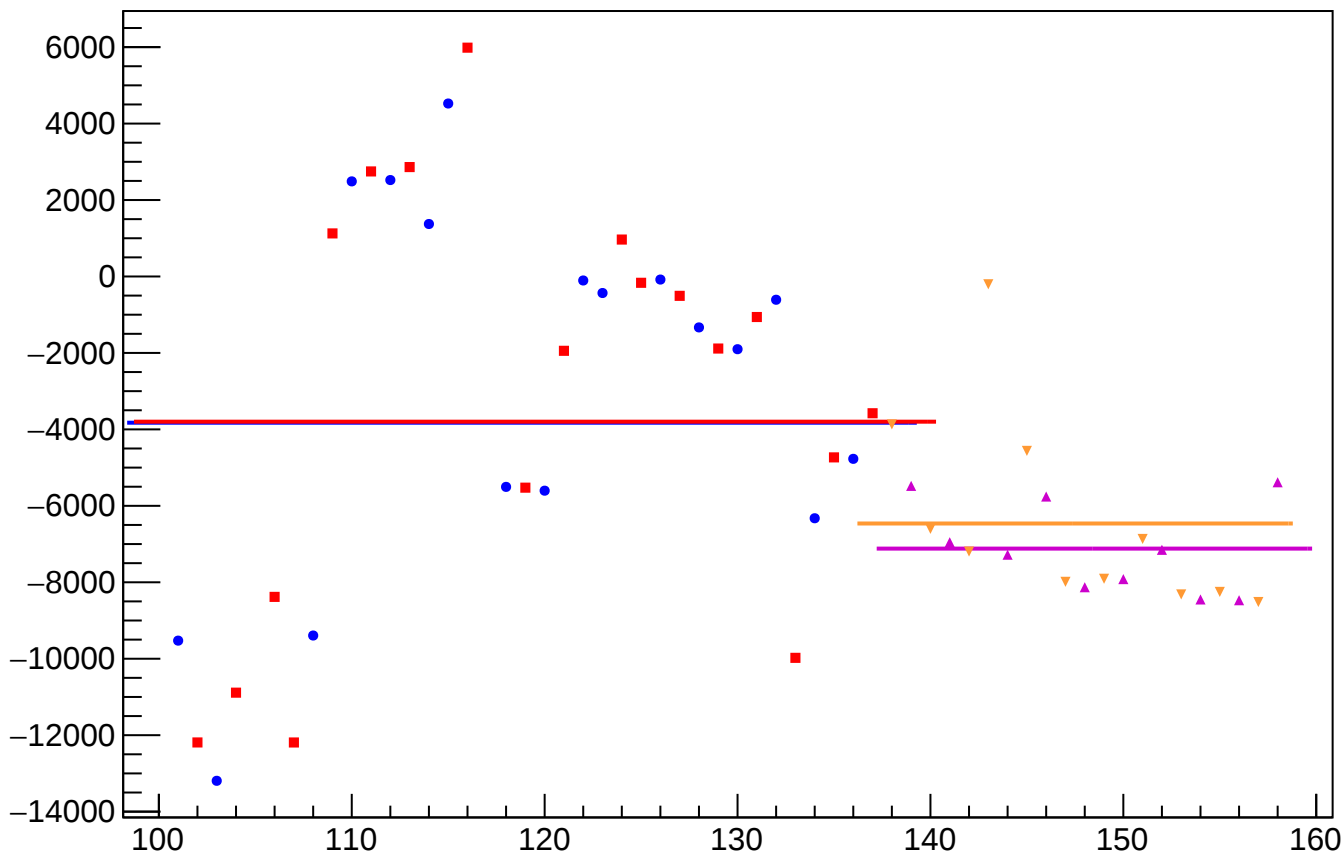
Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

+ sign 1077.160+/-0.000 χ^2/NDF : 91227043927851

All: 1106.020+/-0.000 χ^2/NDF : 20775031611

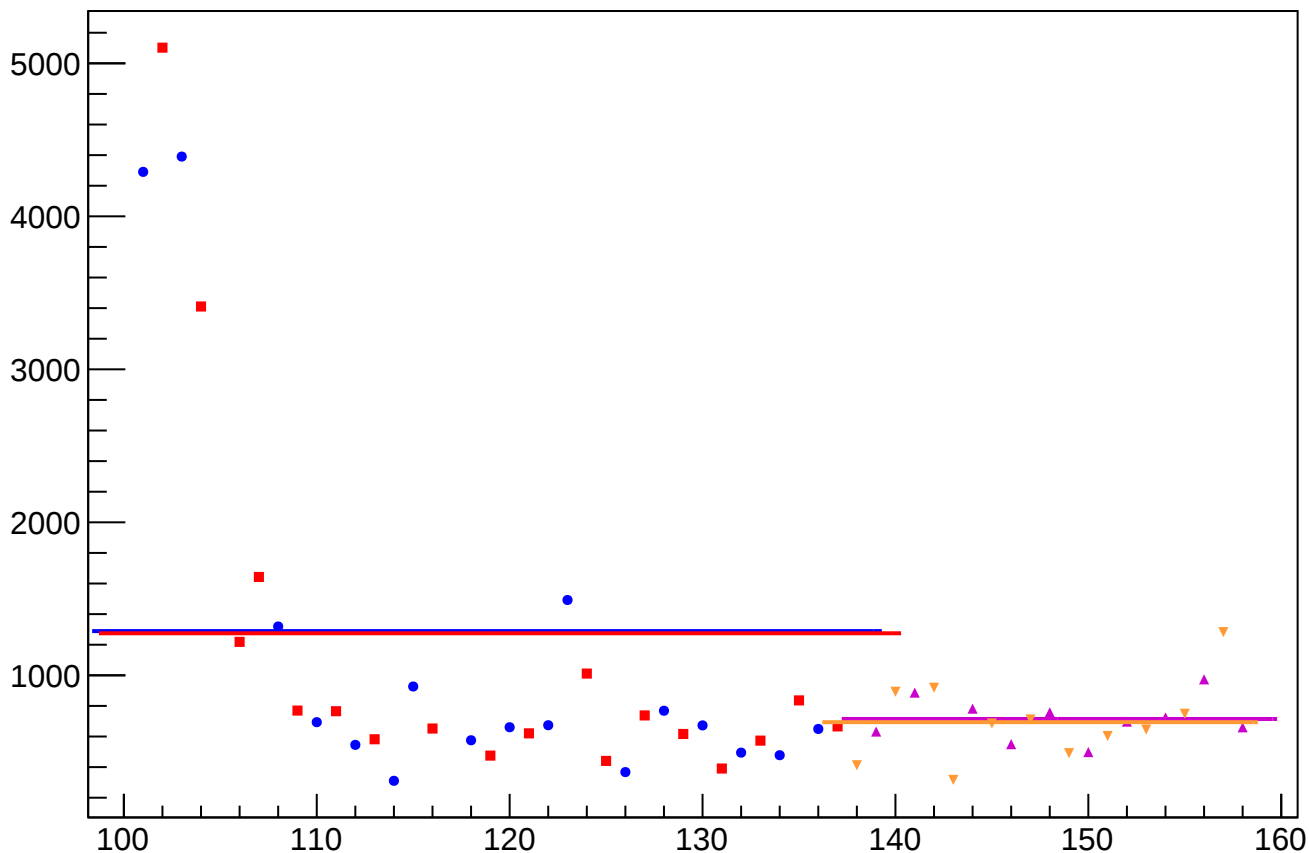
- sign 1134.105+/-0.000 χ^2/NDF : 11402032594767

dit_atl2_coil6_mean vs Slug



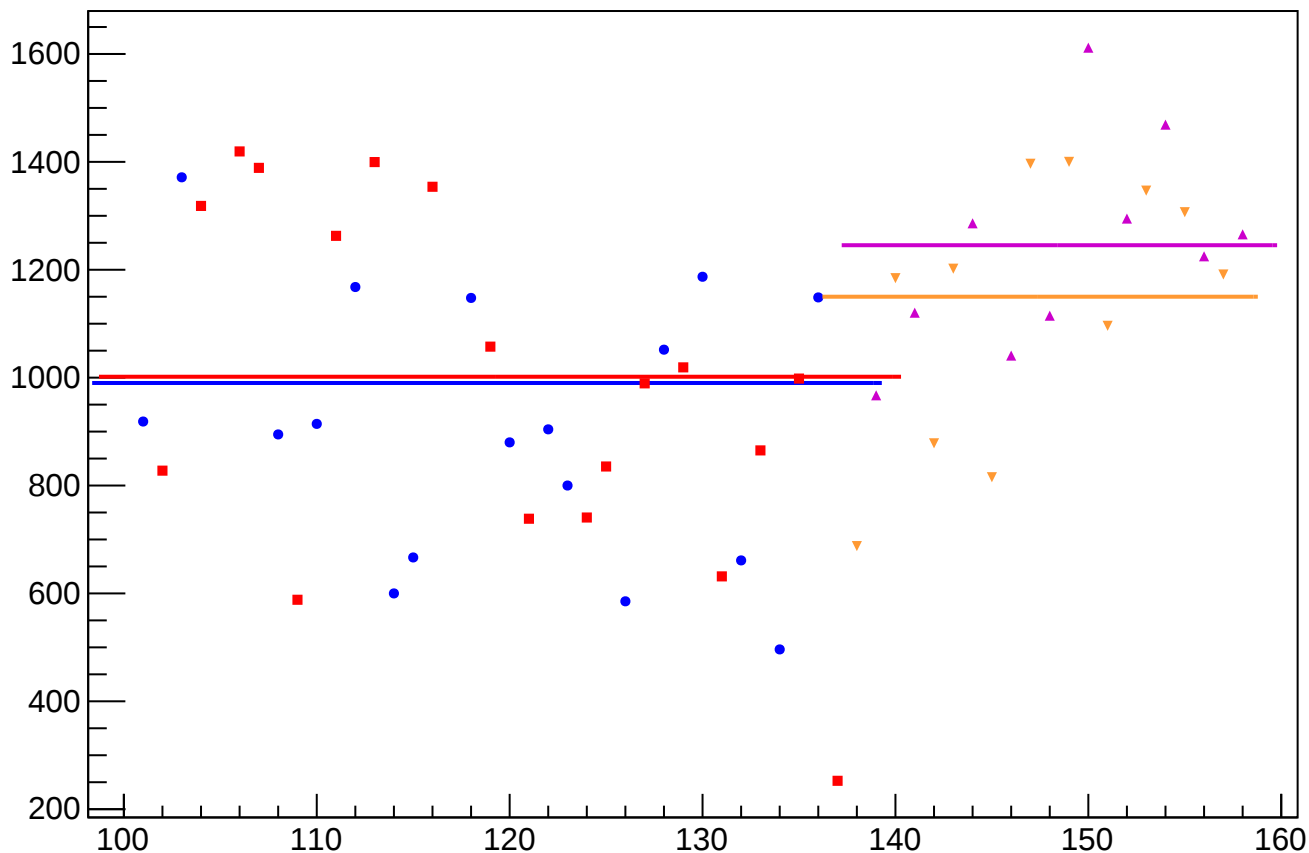
Right In: -3825.392 ± 0.000 $\chi^2/\text{NDF}: 15445294605440071214640081166471362772992.0/16$
 Left Out: -6462.173 ± 0.000 $\chi^2/\text{NDF}: 4686682960285596756242403057706416996352.0/10$
 Right Out: -3798.528 ± 0.000 $\chi^2/\text{NDF}: 21131316959829635023813459777790997954560.0/17$
 Left In: -7119.012 ± 0.000 $\chi^2/\text{NDF}: 1068019742013617245368231009716575141888.0/9$

dit_atl2_coil6_err_mean vs Slug



Right In: 1288.972 $\pm$ 0.000 χ^2 /NDF: 1352910763882575479104094227028785496064.0/16
 Left Out: 693.781 $\pm$ 0.000 χ^2 /NDF: 51463959135584323075950684708941070336.0/10
 Right Out: 1274.734 $\pm$ 0.000 χ^2 /NDF: 1316265489507064730168544372361657319424.0/17
 Left In: 714.679 $\pm$ 0.000 χ^2 /NDF: 15780899769341264877449098800828252160.0/9

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

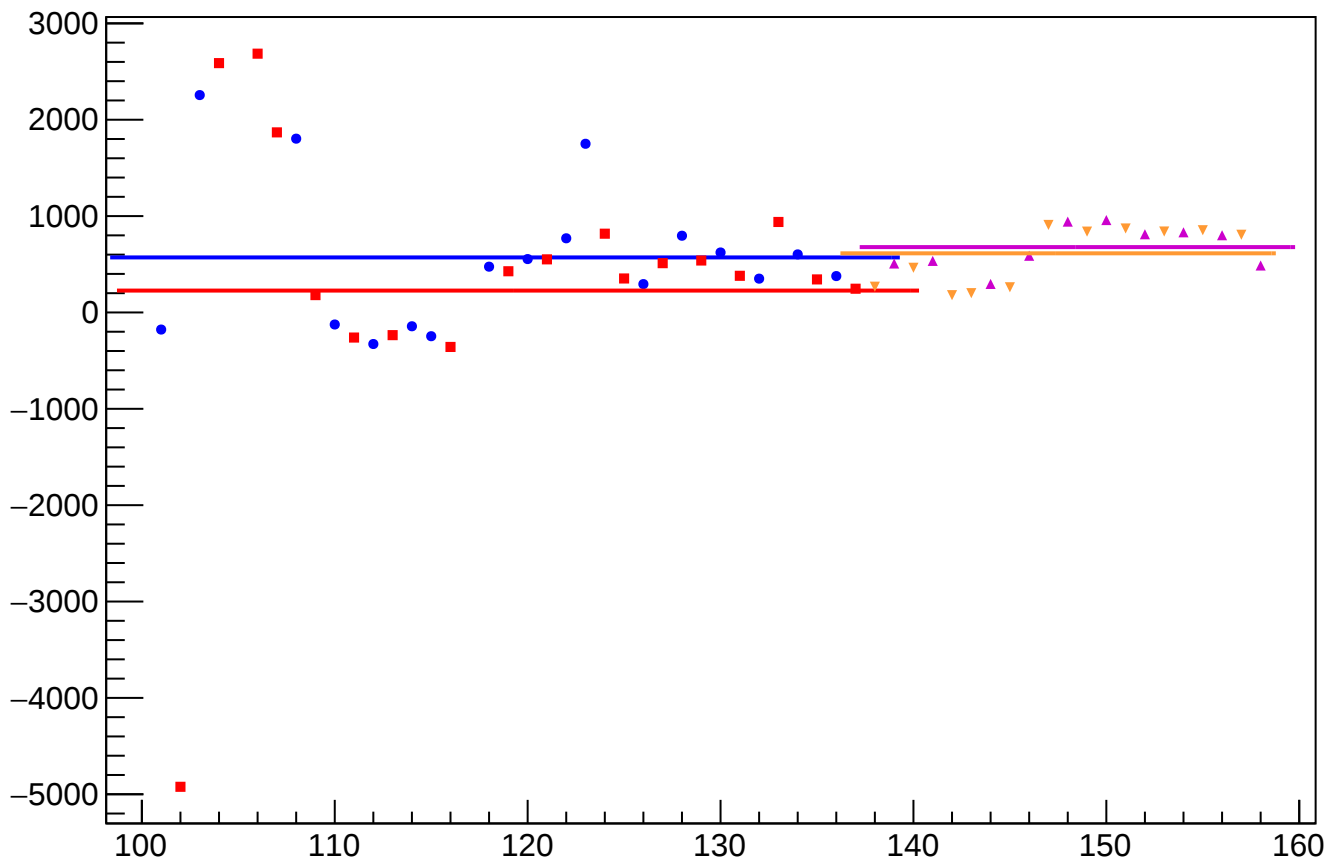
Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

+ sign 1077.160+/-0.000 χ^2/NDF : 91227043927851

All: 1106.020+/-0.000 χ^2/NDF : 20775031611

- sign 1134.105+/-0.000 χ^2/NDF : 11402032594767

dit_atr1_coil6_mean vs Slug



Right In: 571.105+/-0.000 χ^2/NDF : 348676559810482432881112105158952615936.0/16

Left Out: 613.570+/-0.000 χ^2/NDF : 68865884287173757688001539616643481600.0/10

Right Out: 227.021+/-0.000 χ^2/NDF : 2178465037537899335461890002061994491904.0/17

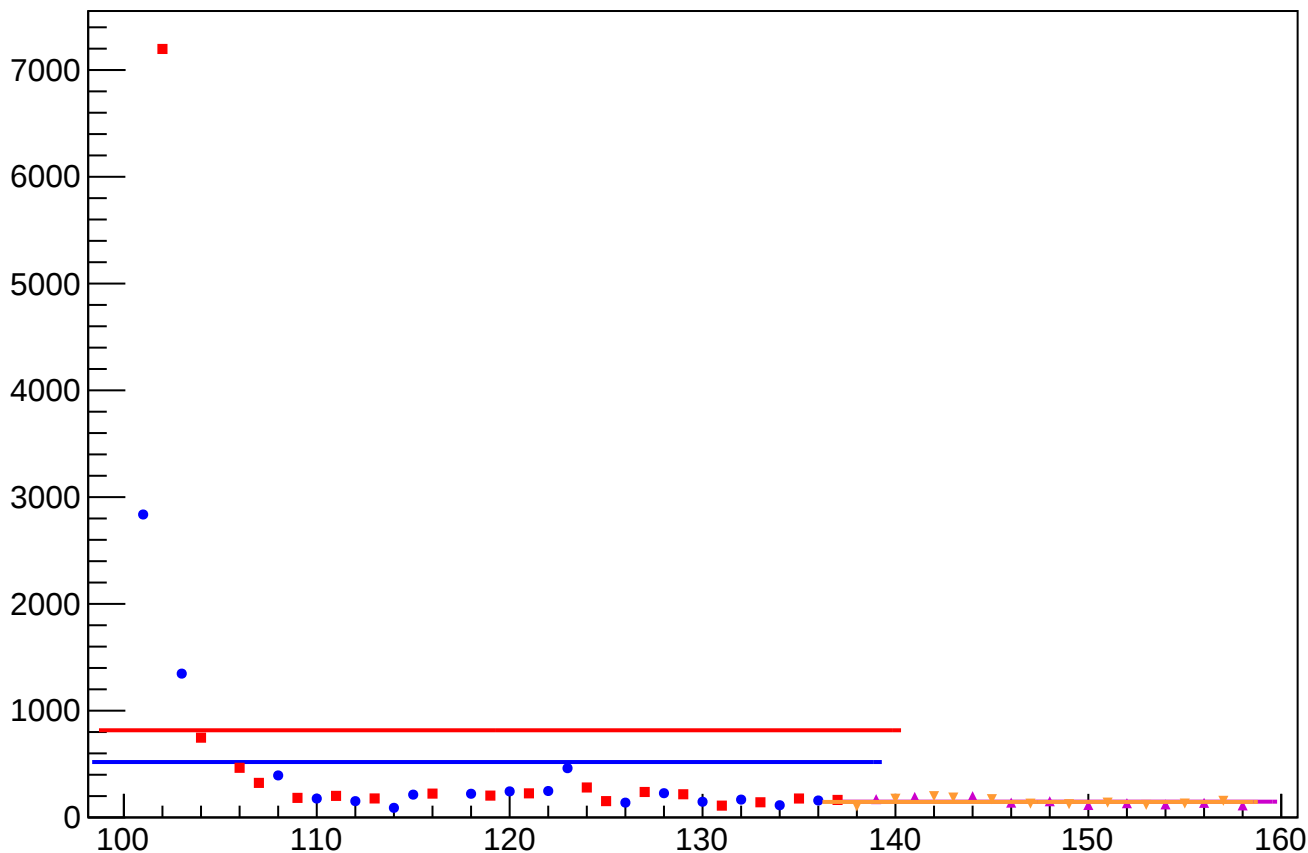
Left In: 678.231+/-0.000 χ^2/NDF : 38606937142343629278345652510822236160.0/9

+ sign 594.219+/-0.000 χ^2/NDF : 418223652913615

All: 532.323+/-0.000 χ^2/NDF : 272587085018

- sign 472.087+/-0.000 χ^2/NDF : 229613404146584

dit_atr1_coil6_err_mean vs Slug



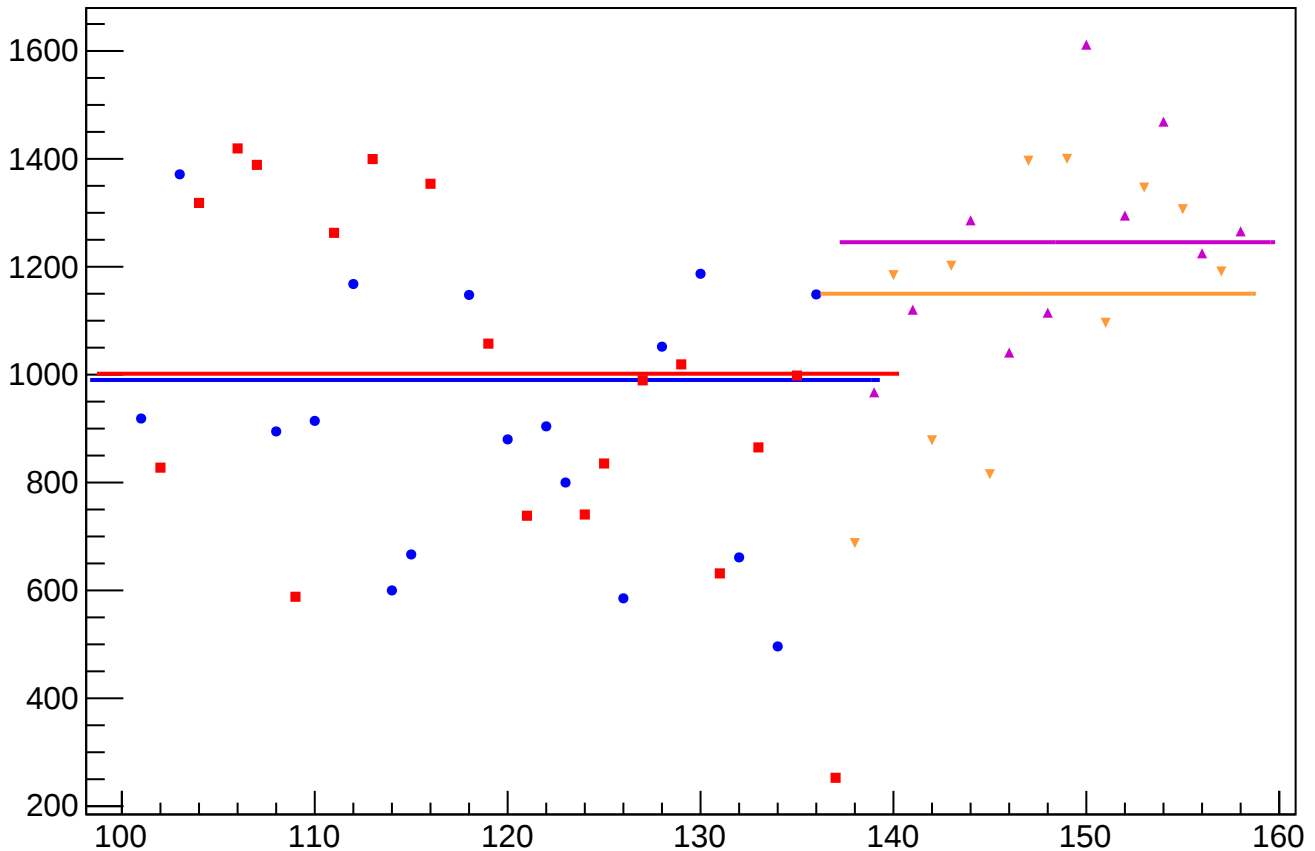
Right In: 519.063+/-0.000 χ^2/NDF : 420187131793740379632134790837132328960.0/16

Left Out: 145.383+/-0.000 χ^2/NDF : 662872253241147520843475816682618880.0/10

Right Out: 816.445+/-0.000 χ^2/NDF : 2586841774338234136799977462346624794624.0/17

Left In: 147.789+/-0.000 χ^2/NDF : 726525245850826843502273316723359744.0/9

dit_atr1_coil6_Ndata_mean vs Slug



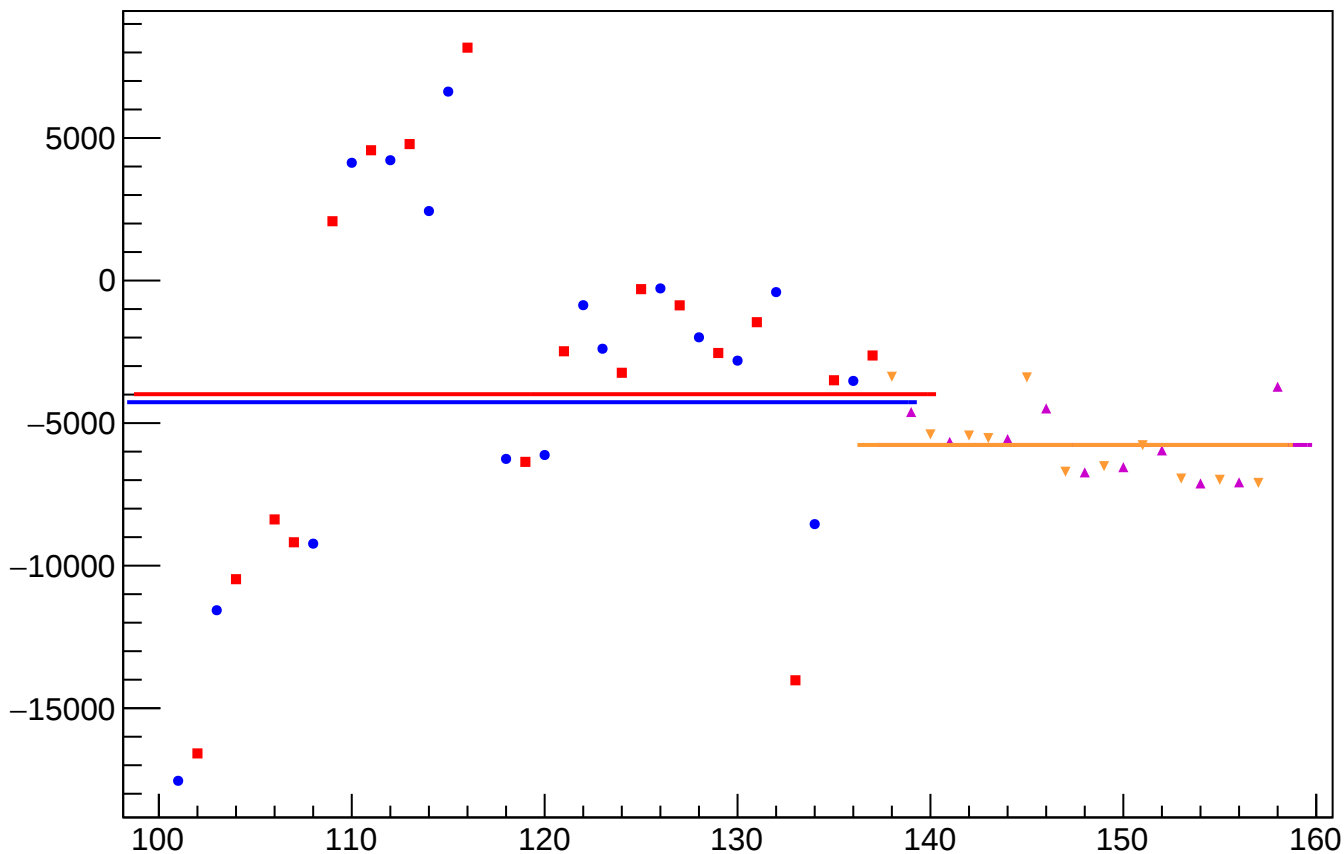
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_atr2_coil6_mean vs Slug



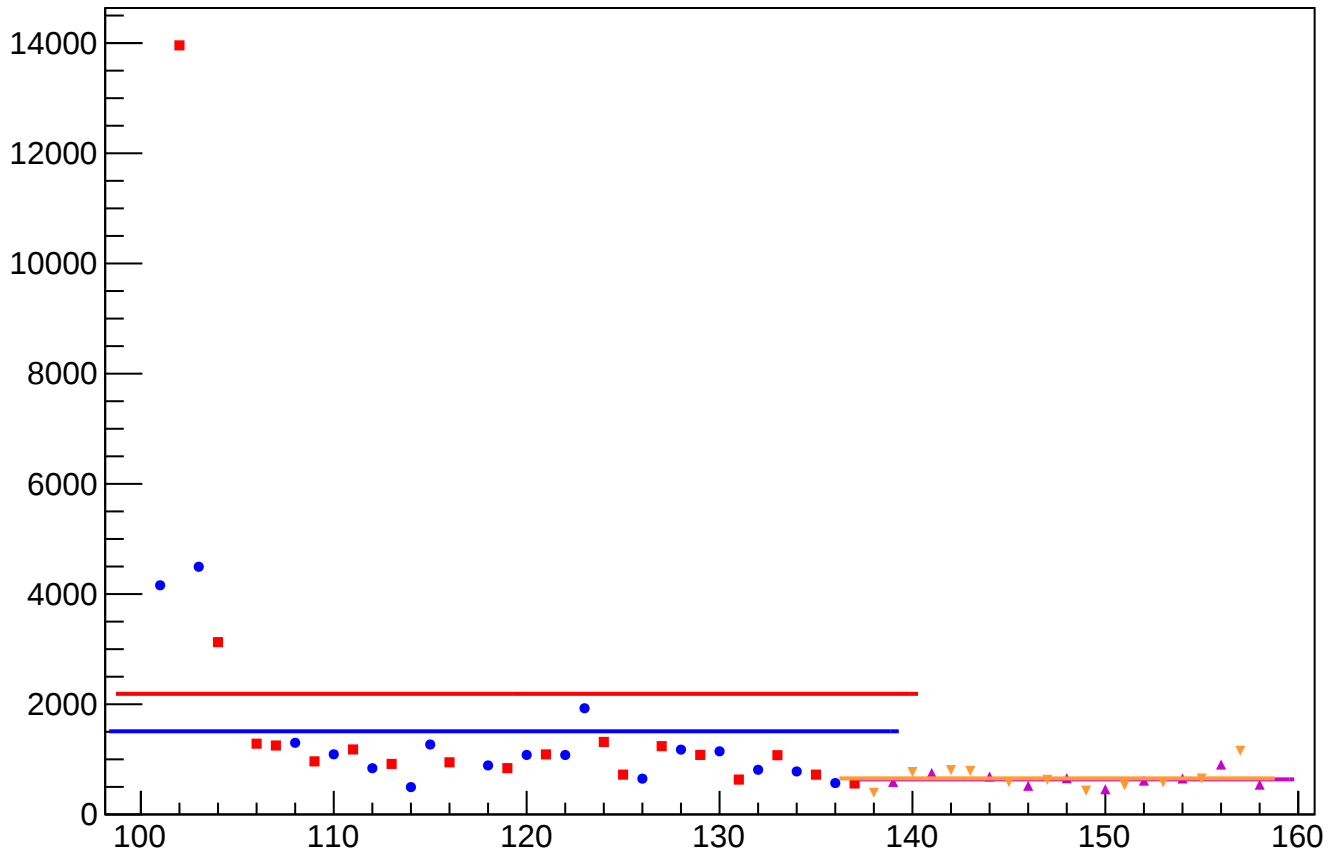
Right In: -4266.932 ± 0.000 χ^2/NDF : 25403959108162984315551486343624496513024.0/16

Left Out: -5766.180 ± 0.000 χ^2/NDF : 1388423762275170727783872247887906734080.0/10

Right Out: -3985.866 ± 0.000 χ^2/NDF : 31378292211366162940134938718336985333760.0/17

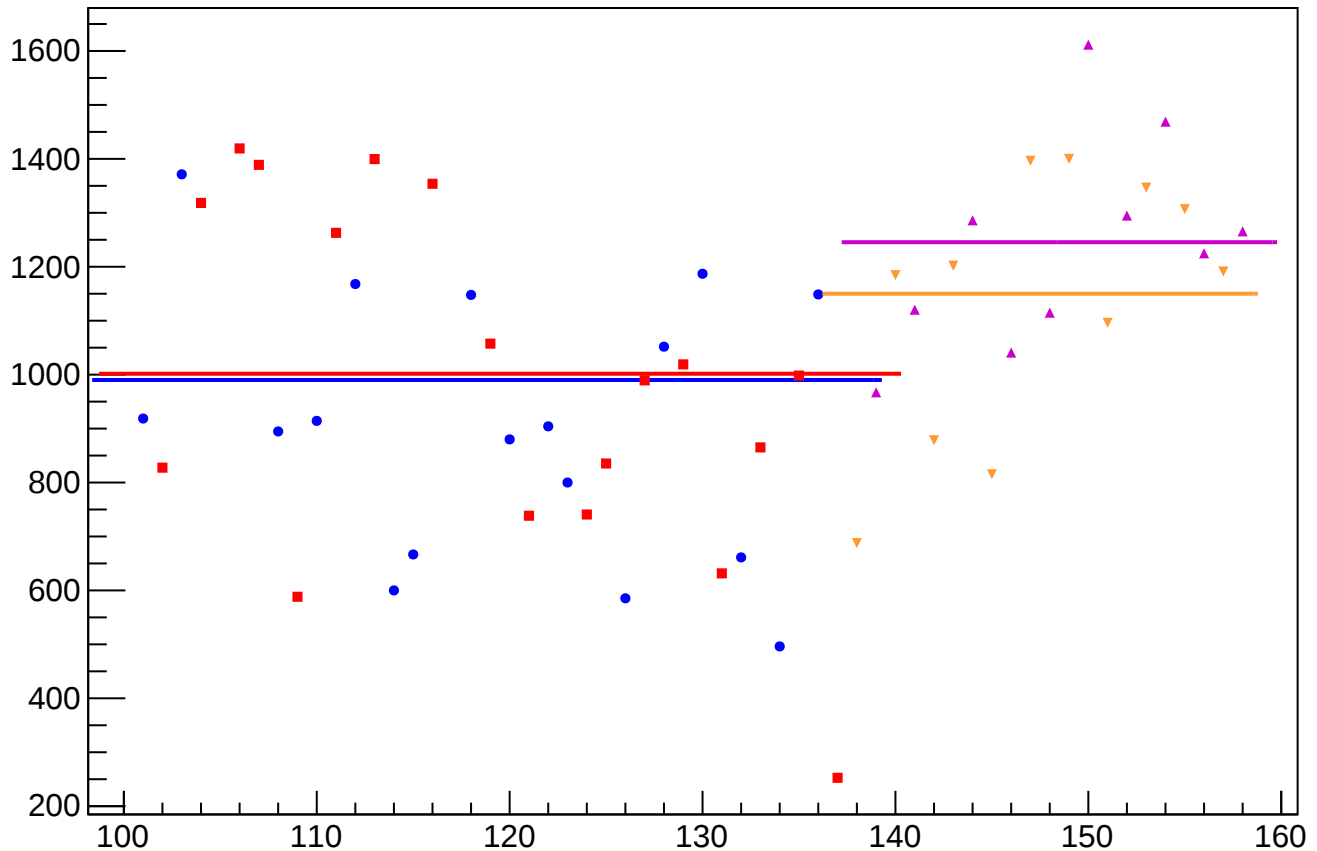
Left In: -5766.318 ± 0.000 χ^2/NDF : 1022802972937276152000687633223743700992.0/9

dit_atr2_coil6_err_mean vs Slug



Right In: 1509.121+/-0.000 χ^2/NDF : 1169972089698319936649693761541425332224.0/16
 Left Out: 654.400+/-0.000 χ^2/NDF : 33468318936328221889632085958193053696.0/10
 Right Out: 2189.301+/-0.000 χ^2/NDF : 8986539063289018670432989988372162281472.0/17
 Left In: 636.882+/-0.000 χ^2/NDF : 12251335440763632118048003225464864768.0/9

dit_atr2_coil6_Ndata_mean vs Slug



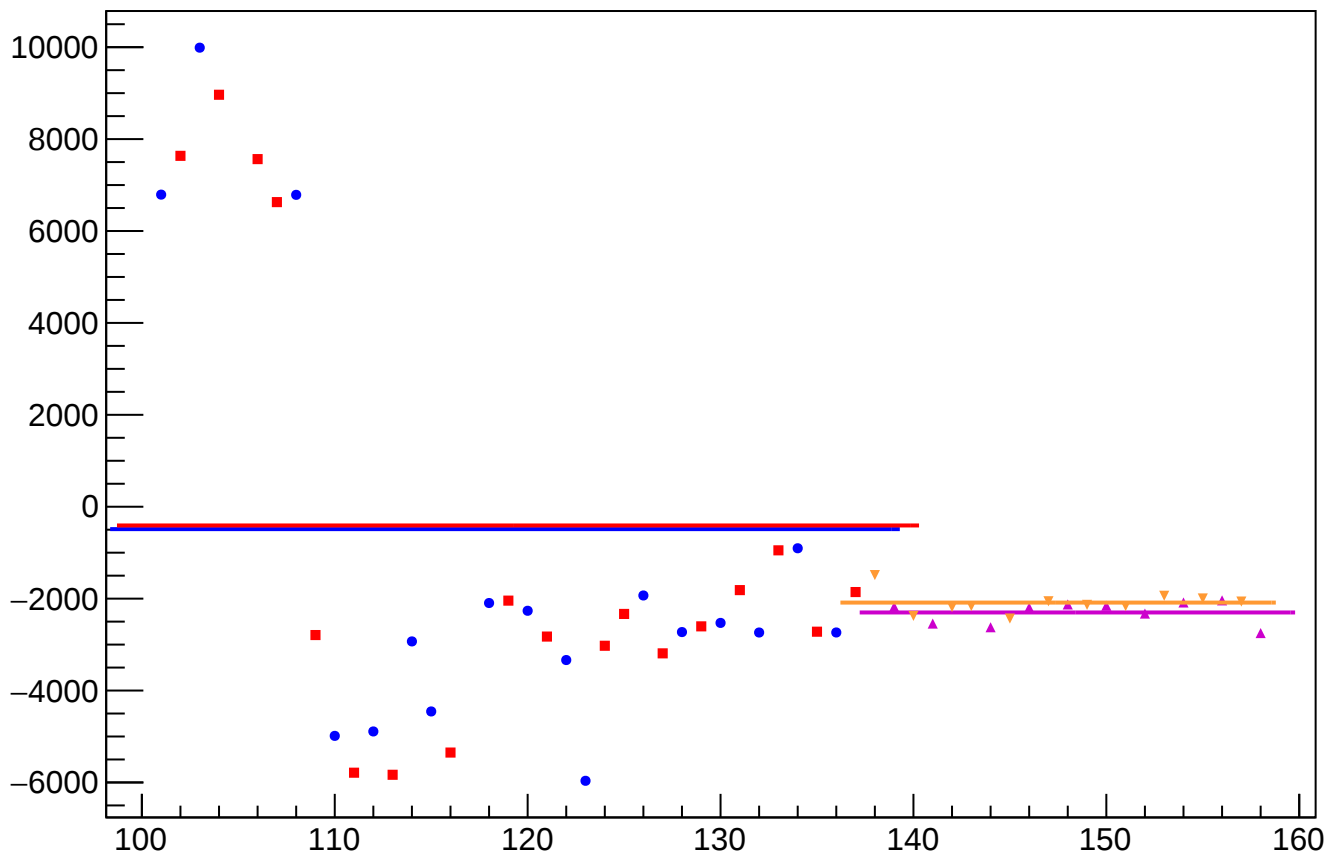
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_sam1_coil6_mean vs Slug



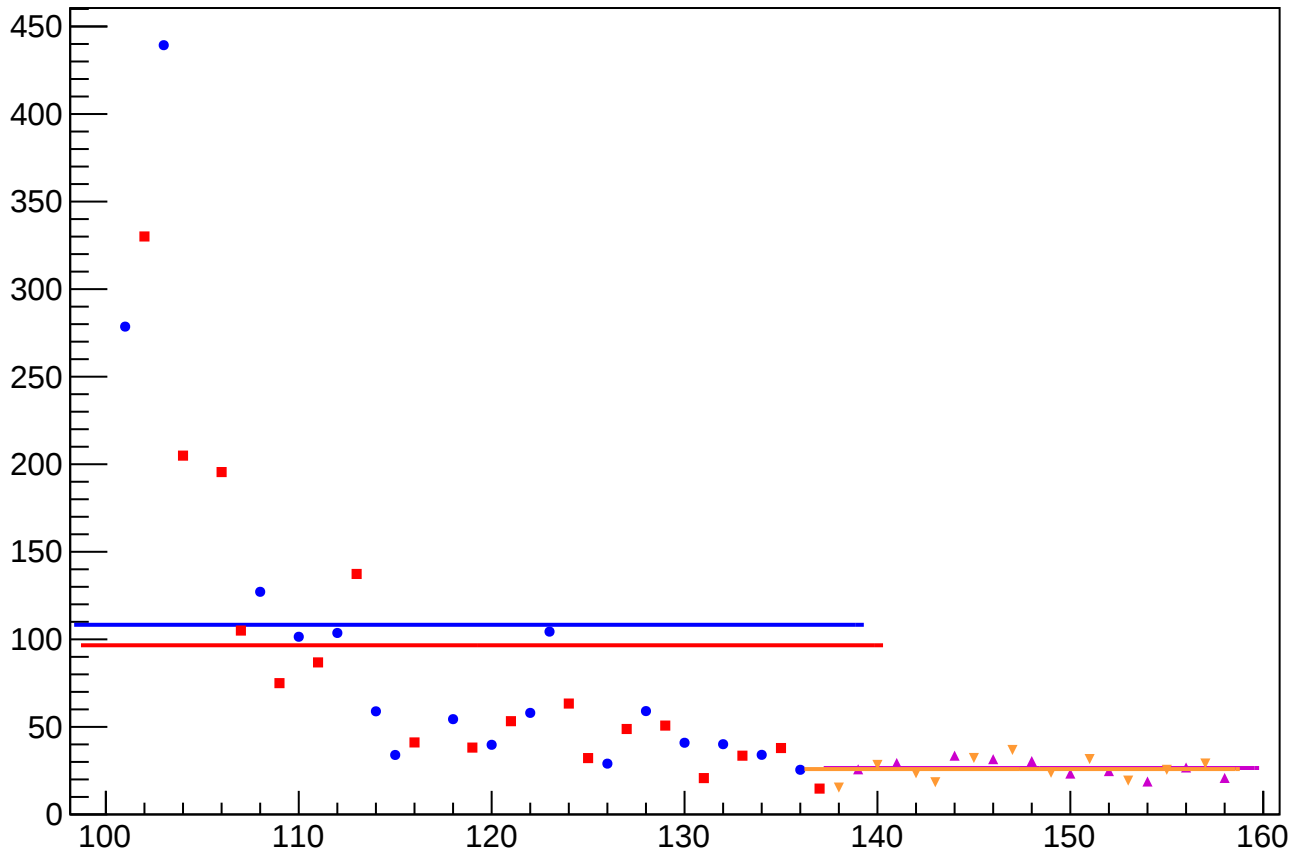
Right In: -487.313+/-0.000	χ^2/NDF : 15477070218746492867636387900929916010496.0/16
Left Out: -2085.855+/-0.000	χ^2/NDF : 48315518974114213697310626754297069568.0/10
Right Out: -407.637+/-0.000	χ^2/NDF : 17046160329483633481850056075702270164992.0/17
Left In: -2300.967+/-0.000	χ^2/NDF : 46987373070221325282537033765578866688.0/9

+ sign -1357.432+/-0.000 χ^2/NDF : 1649068561212

All: -1397.232+/-0.000 χ^2/NDF : 3498066984

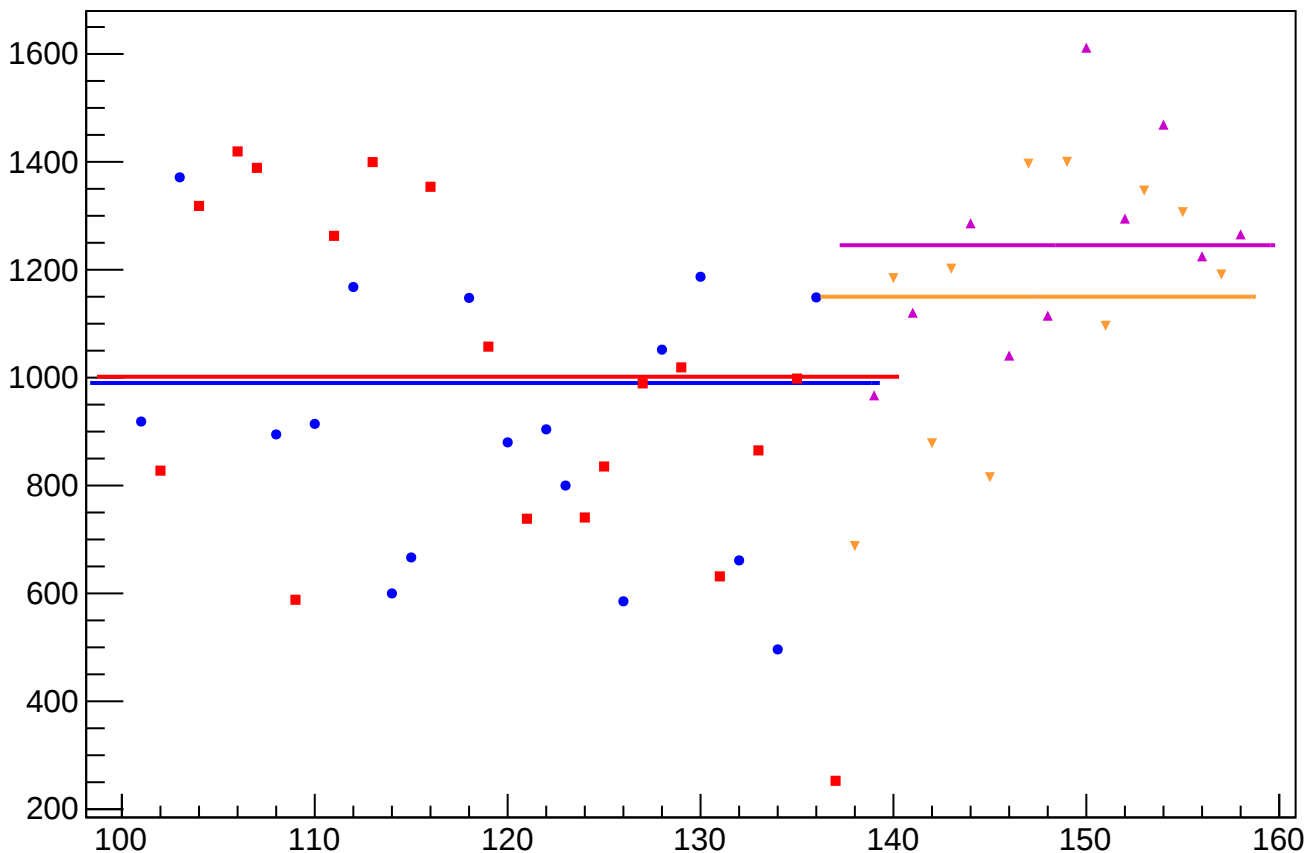
- sign -1435.963+/-0.000 χ^2/NDF : 18485224154017

dit_sam1_coil6_err_mean vs Slug



Right In: 108.310+/-0.000	χ^2/NDF : 10240592139421231918957200369451532288.0/16	+ sign 63.462+/-0.000	χ^2/NDF : 1283806279935300
Left Out: 25.917+/-0.000	χ^2/NDF : 33006387671422777259438396068069376.0/10	All: 60.972+/-0.000	χ^2/NDF : 2030756543074
Right Out: 96.612+/-0.000	χ^2/NDF : 5525873832888071130304914389362278400.0/17	- sign 58.549+/-0.000	χ^2/NDF : 7450871848233283
Left In: 26.531+/-0.000	χ^2/NDF : 17717864614073698487963804655157248.0/9		

dit_sam1_coil6_Ndata_mean vs Slug



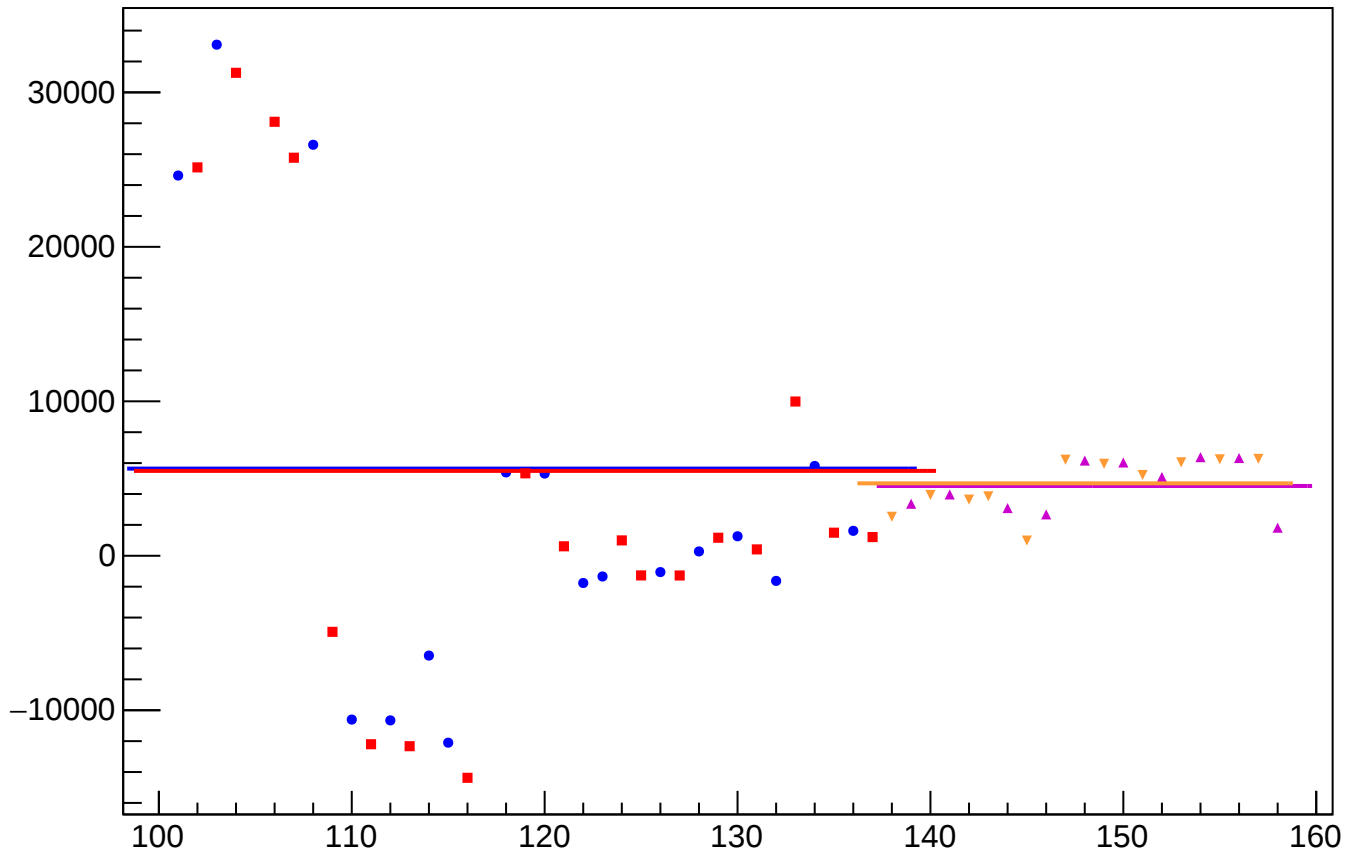
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

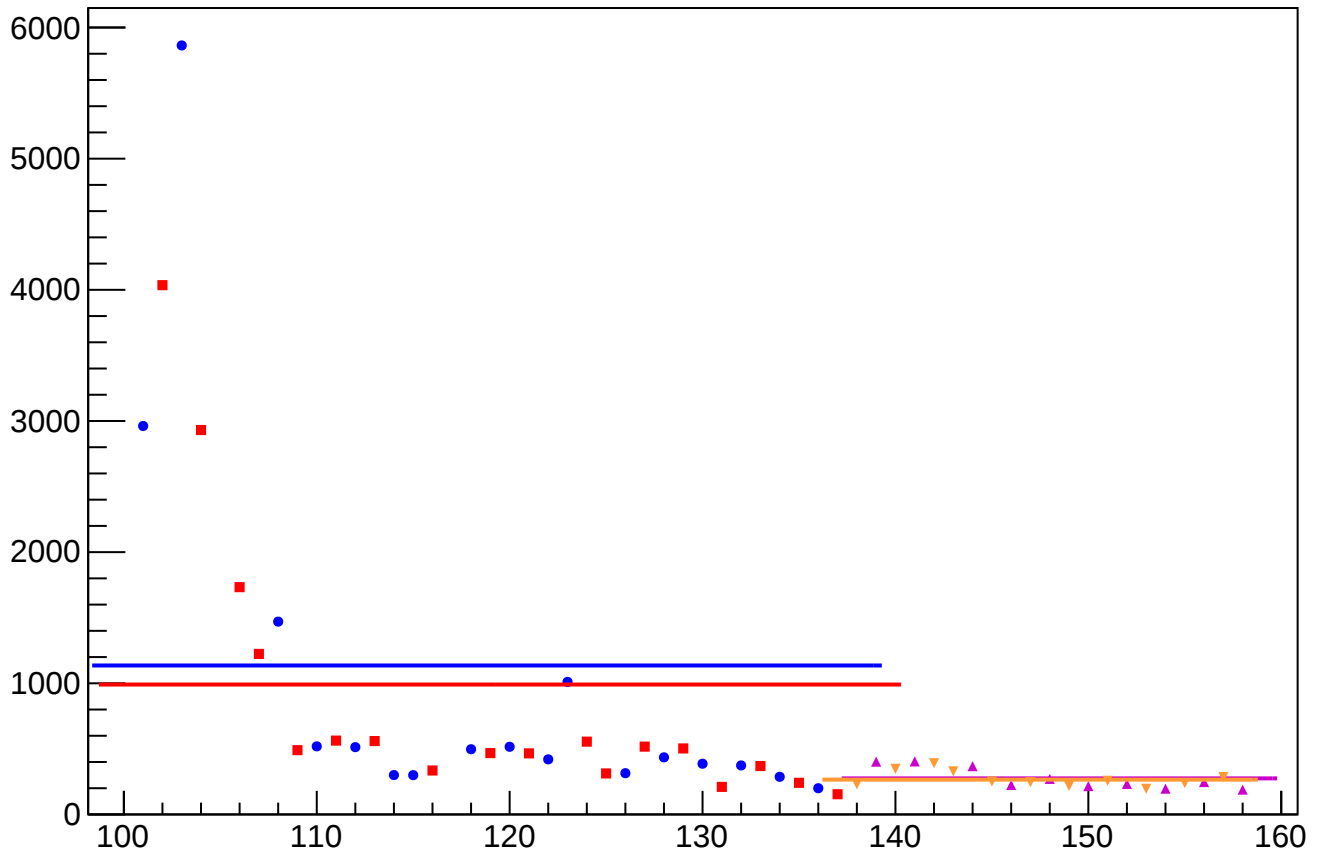
Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_sam2_coil6_mean vs Slug



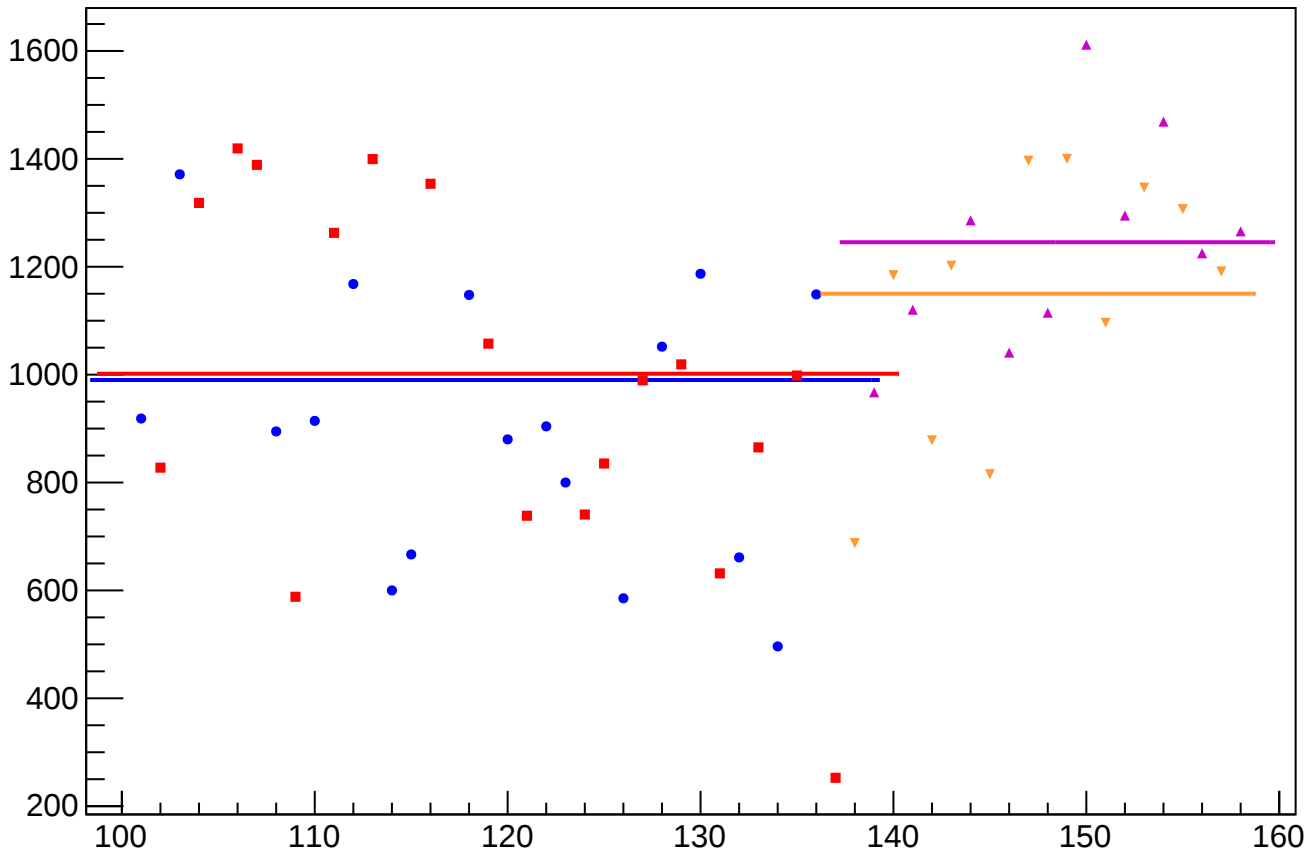
Right In: 5643.213+/-0.000 χ^2/NDF : 120843746110128548402153277612724047577088.0/16
 Left Out: 4689.282+/-0.000 χ^2/NDF : 2457628813520110951974288026500214030336.0/10
 Right Out: 5495.452+/-0.000 χ^2/NDF : 139584988563962510194230278268369577705472.0/17
 Left In: 4519.034+/-0.000 χ^2/NDF : 2225888040985300634887008612828248539136.0/9

dit_sam2_coil6_err_mean vs Slug



Right In: 1135.811+/-0.000 χ^2/NDF : 1824005819812756990146951558918737756160.0/16
 Left Out: 265.509+/-0.000 χ^2/NDF : 2388689552718600964662004061917151232.0/10
 Right Out: 990.520+/-0.000 χ^2/NDF : 932180516409120093653543317868461948928.0/17
 Left In: 275.034+/-0.000 χ^2/NDF : 5401649258743868863902977847904436224.0/9

dit_sam2_coil6_Ndata_mean vs Slug



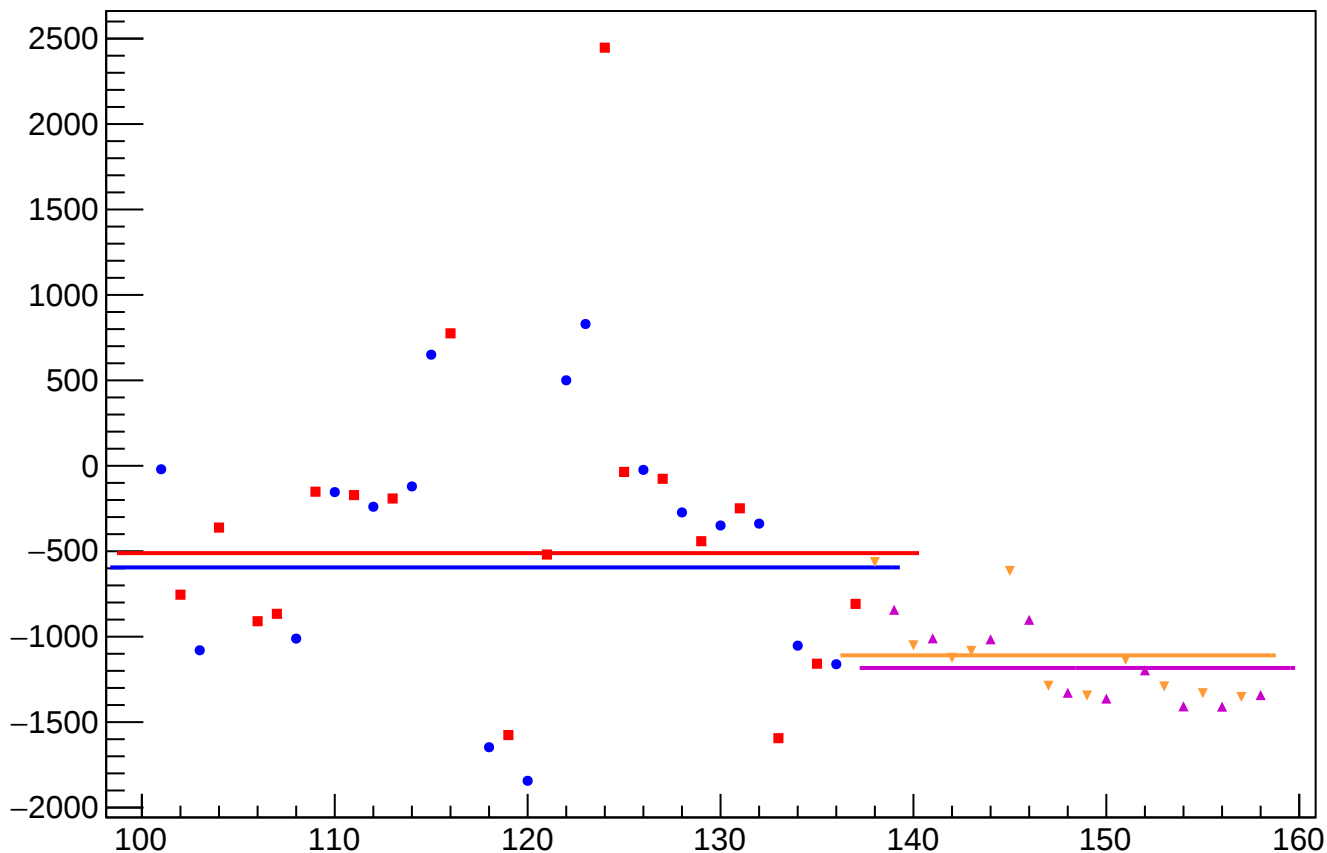
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_sam3_coil6_mean vs Slug



Right In: -594.642+/-0.000 χ^2/NDF : 301185427986157798818990027839559958528.0/16

Left Out: -1109.081+/-0.000 χ^2/NDF : 60890255324216534194737770848600457216.0/10

Right Out: -510.991+/-0.000 χ^2/NDF : 345692362052681149269006983787007967232.0/17

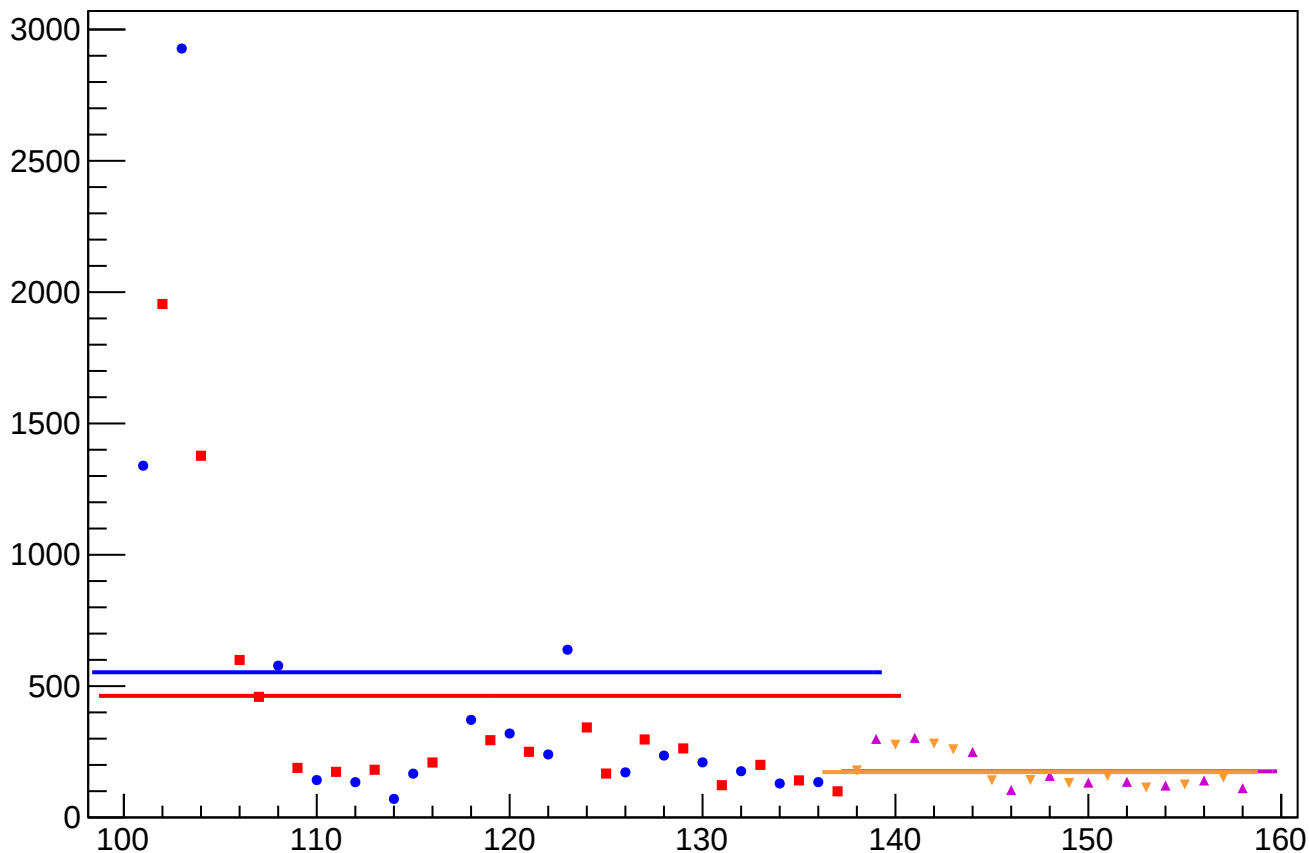
Left In: -1182.946+/-0.000 χ^2/NDF : 36375551955002511613099602225708138496.0/9

+ sign -874.662+/-0.000 χ^2/NDF : 46204867762342

All: -875.315+/-0.000 χ^2/NDF : 10194615960

- sign -875.950+/-0.000 χ^2/NDF : 557411636443312

dit_sam3_coil6_err_mean vs Slug



Right In: 552.756+/-0.000 χ^2/NDF : 438588904166490483585471990950715719680.0/16

+ sign 345.852+/-0.000 χ^2/NDF : 495920039224969

Left Out: 172.641+/-0.000 χ^2/NDF : 2749924174371927176104334121918005248.0/10

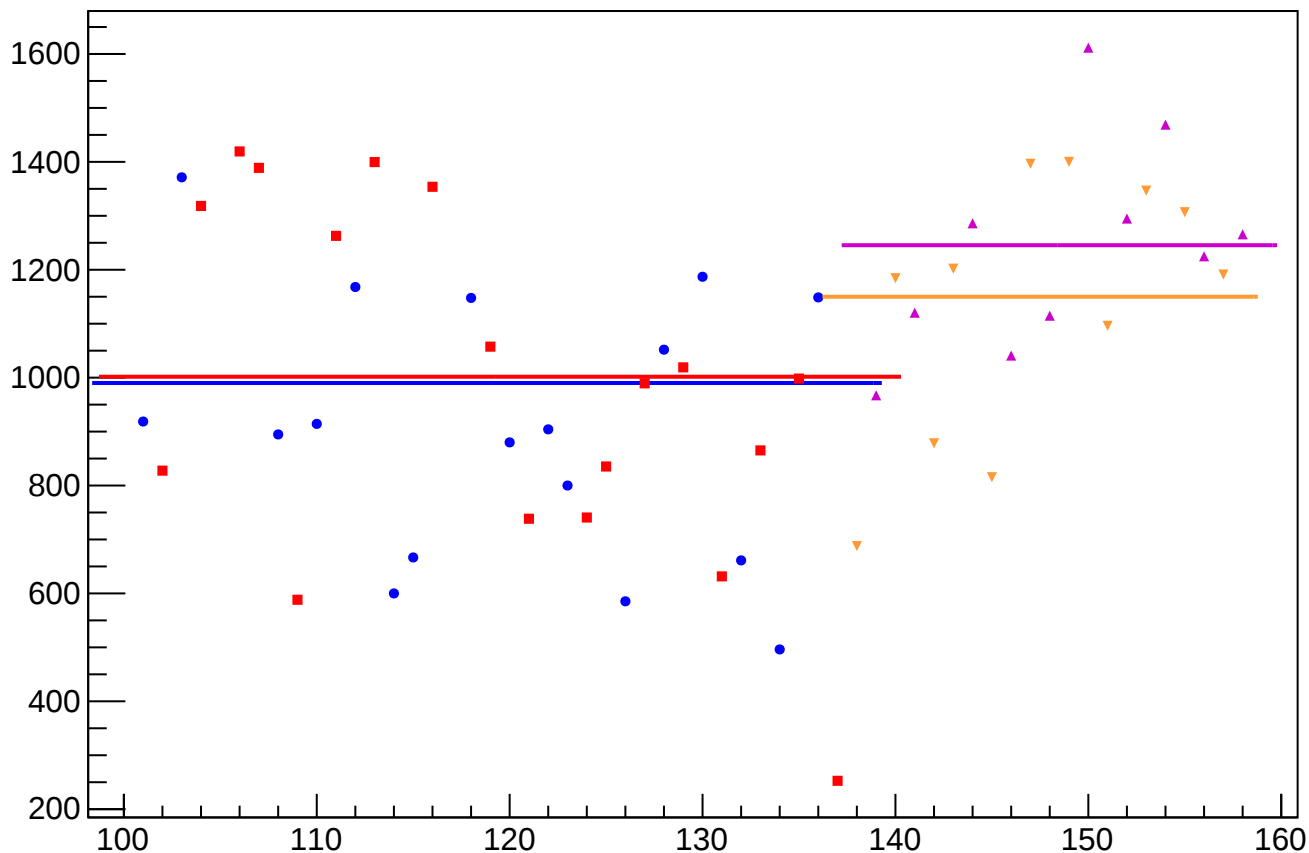
All: 326.097+/-0.000 χ^2/NDF : 743045264258

Right Out: 463.044+/-0.000 χ^2/NDF : 209305475229629435748794855521804877824.0/17

- sign 306.872+/-0.000 χ^2/NDF : 245952463806734

Left In: 175.504+/-0.000 χ^2/NDF : 4539230191335008038635763993929580544.0/9

dit_sam3_coil6_Ndata_mean vs Slug



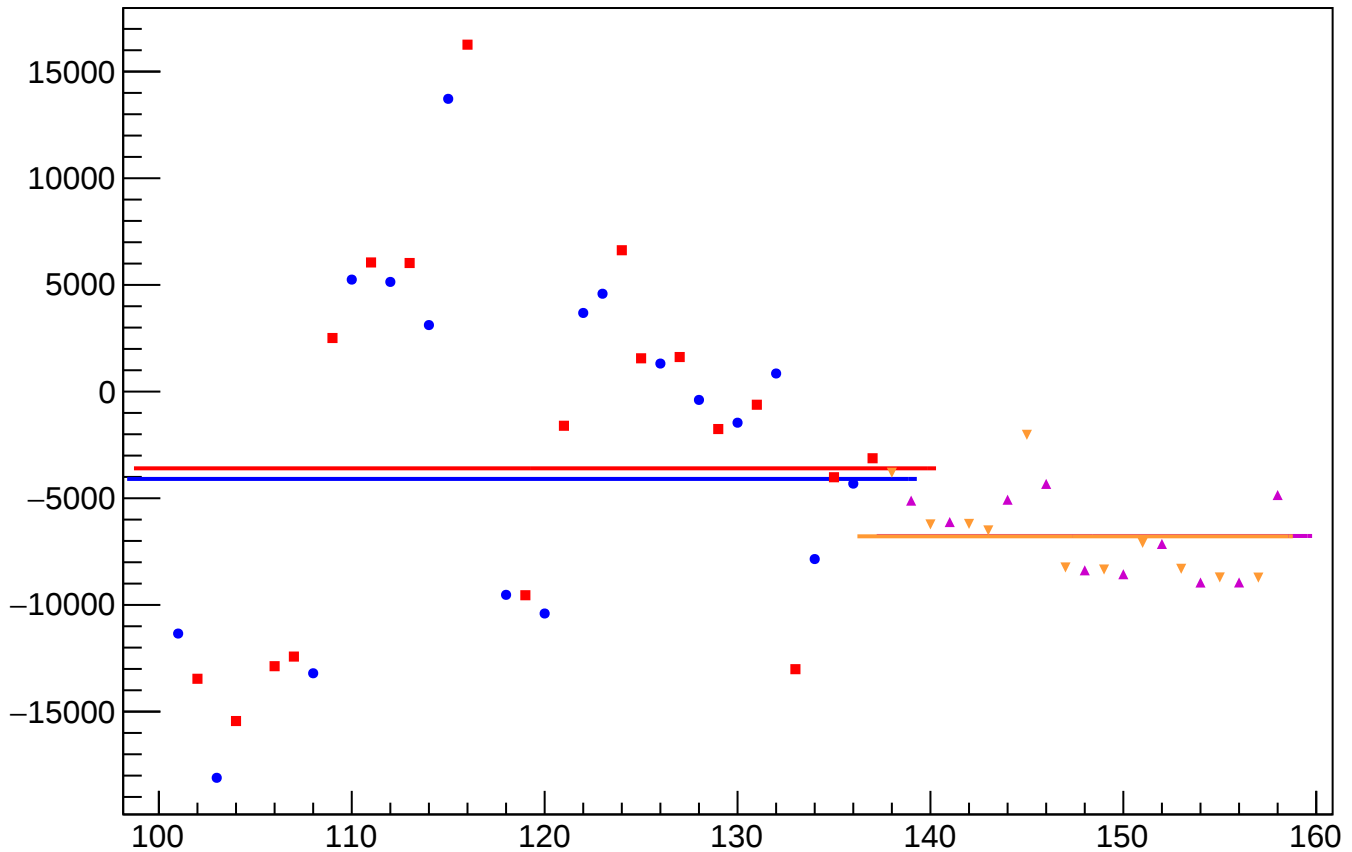
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1150.040 $\pm$ 0.000 χ^2 /NDF: 44669908402152138654863684969892413440.0/10

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

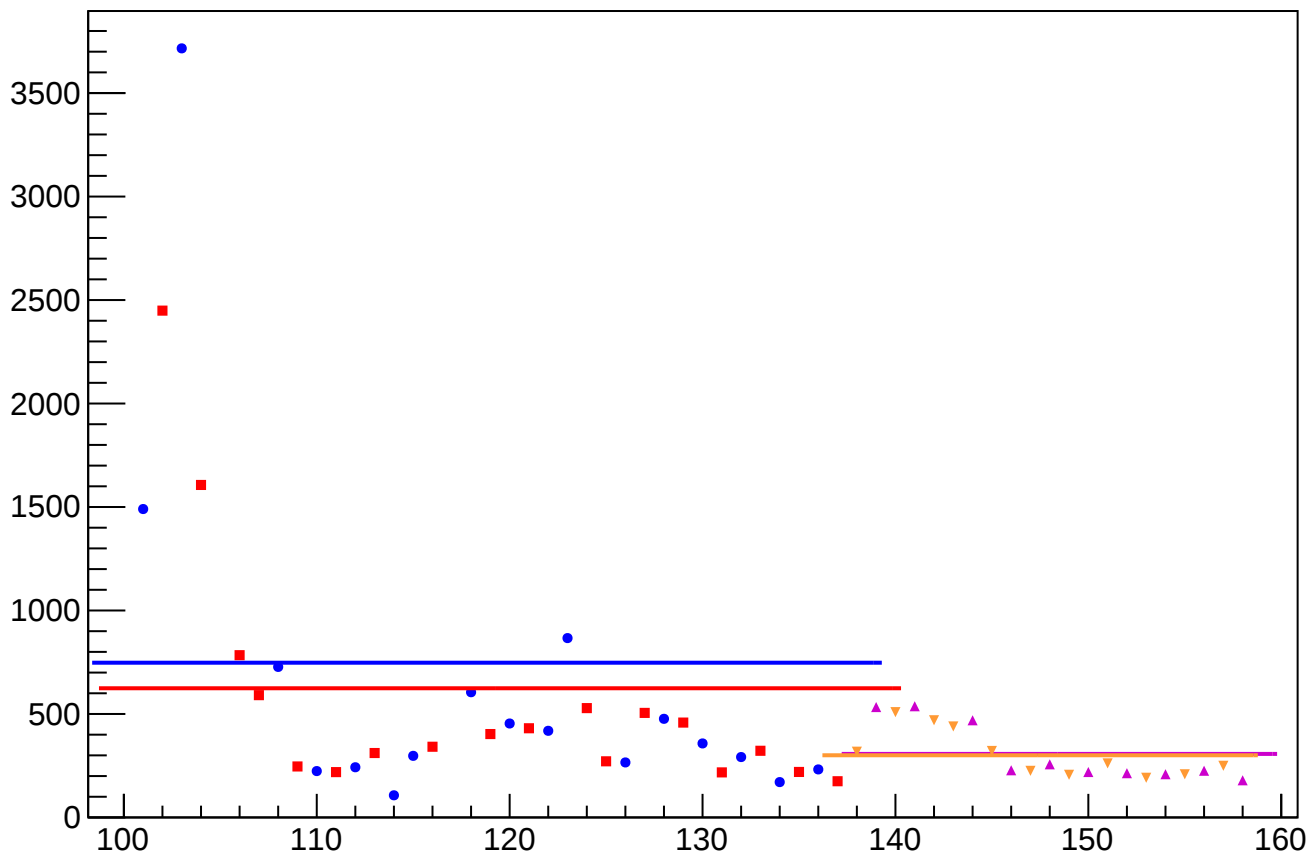
Left In: 1245.495 $\pm$ 0.000 χ^2 /NDF: 29584355694802852002513400503568695296.0/9

dit_sam4_coil6_mean vs Slug



Right In: -4093.788 ± 0.000 χ^2/NDF : 38878868284472308051396307871868318121984.0/16
 Left Out: -6784.141 ± 0.000 χ^2/NDF : 3654221090030338630705789822151465893888.0/10
 Right Out: -3597.313 ± 0.000 χ^2/NDF : 48617231317968827835072936626093341802496.0/17
 Left In: -6767.679 ± 0.000 χ^2/NDF : 2633962132908260845381622837279375491072.0/9

dit_sam4_coil6_err_mean vs Slug



Right In: 747.700+/-0.000 χ^2/NDF : 650932937994369219214435777270989717504.0/16

Left Out: 300.475+/-0.000 χ^2/NDF : 9410286011530993110871018185412313088.0/10

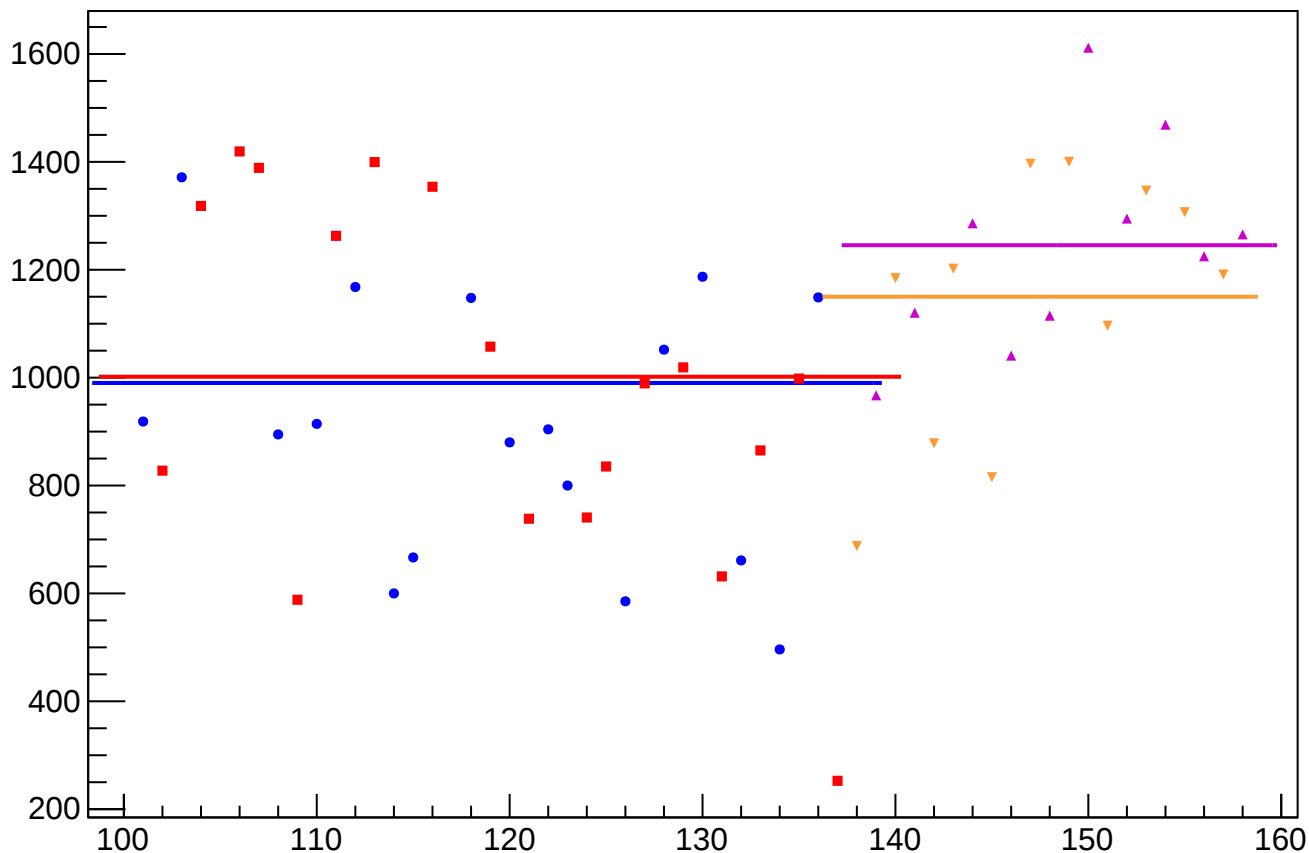
Right Out: 624.223+/-0.000 χ^2/NDF : 296243096292052743688943276873819881472.0/17

Left In: 307.003+/-0.000 χ^2/NDF : 15894306889156485631758467462019940352.0/9

All: 477.743+/-0.000 χ^2/NDF : 108922818795

- sign 451.931+/-0.000 χ^2/NDF : 351215562352734

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1150.040 $\pm$ 0.000 χ^2 /NDF: 44669908402152138654863684969892413440.0/10

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

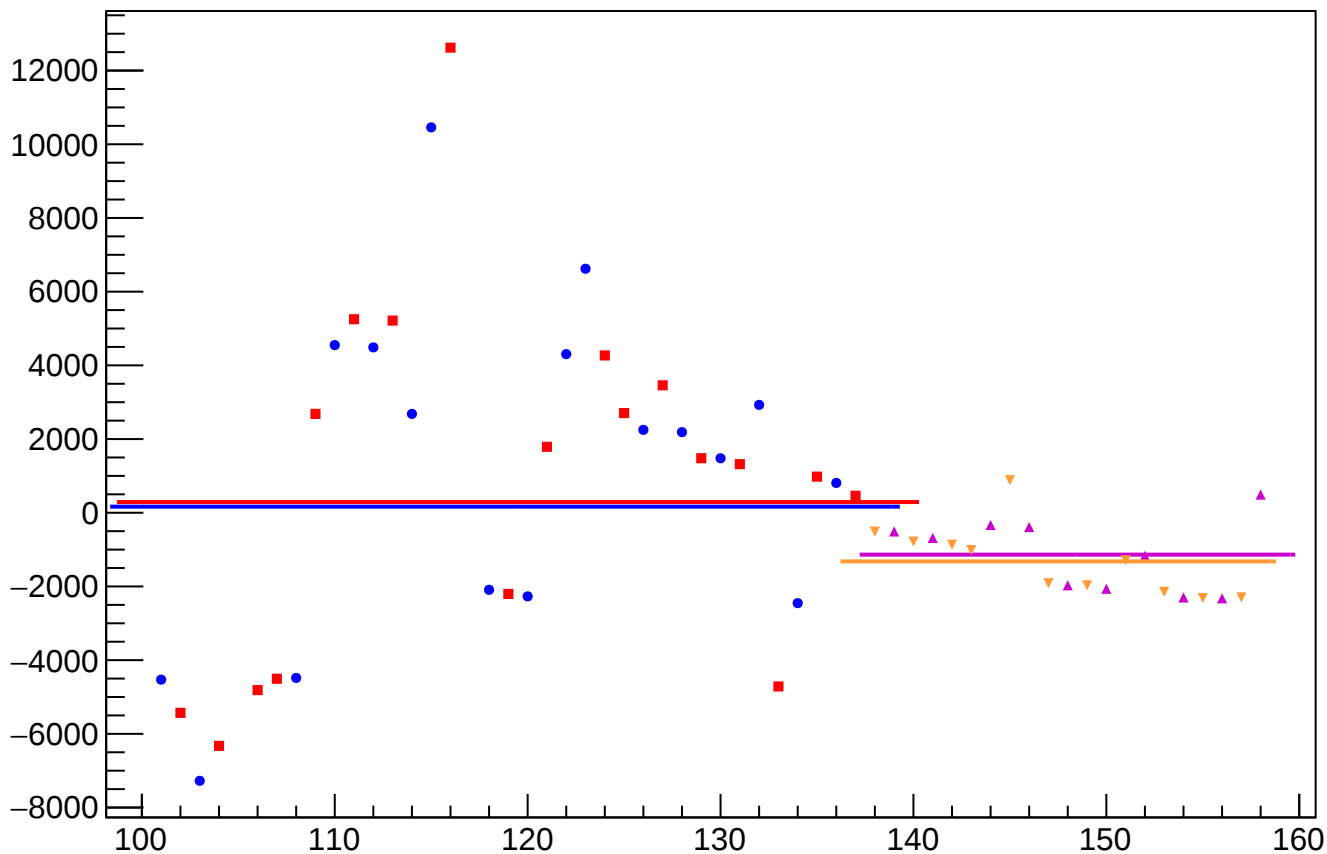
Left In: 1245.495 $\pm$ 0.000 χ^2 /NDF: 29584355694802852002513400503568695296.0/9

+ sign 1077.160 $\pm$ 0.000 χ^2 /NDF: 91227043927851

All: 1106.020 $\pm$ 0.000 χ^2 /NDF: 20775031611

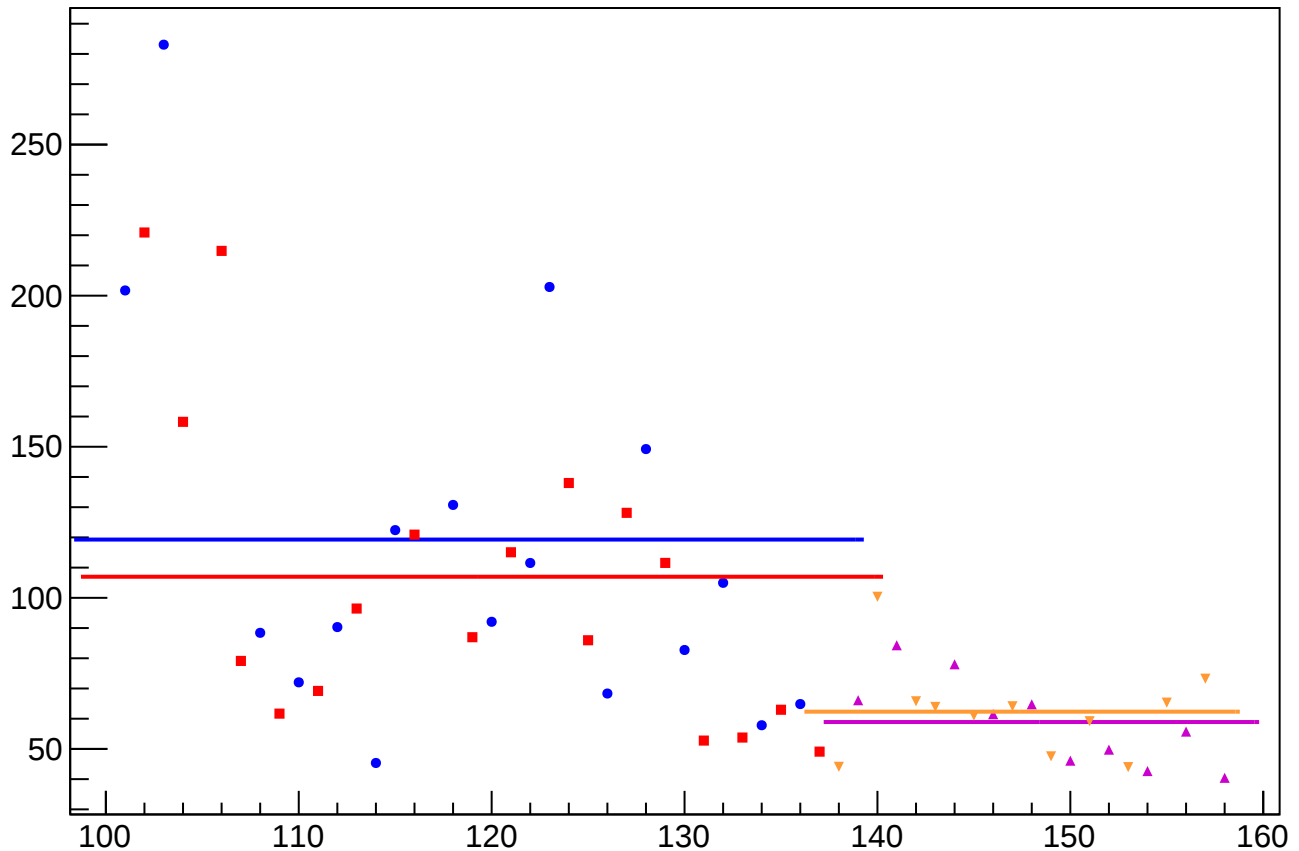
- sign 1134.105 $\pm$ 0.000 χ^2 /NDF: 11402032594767

dit_sam5_coil6_mean vs Slug



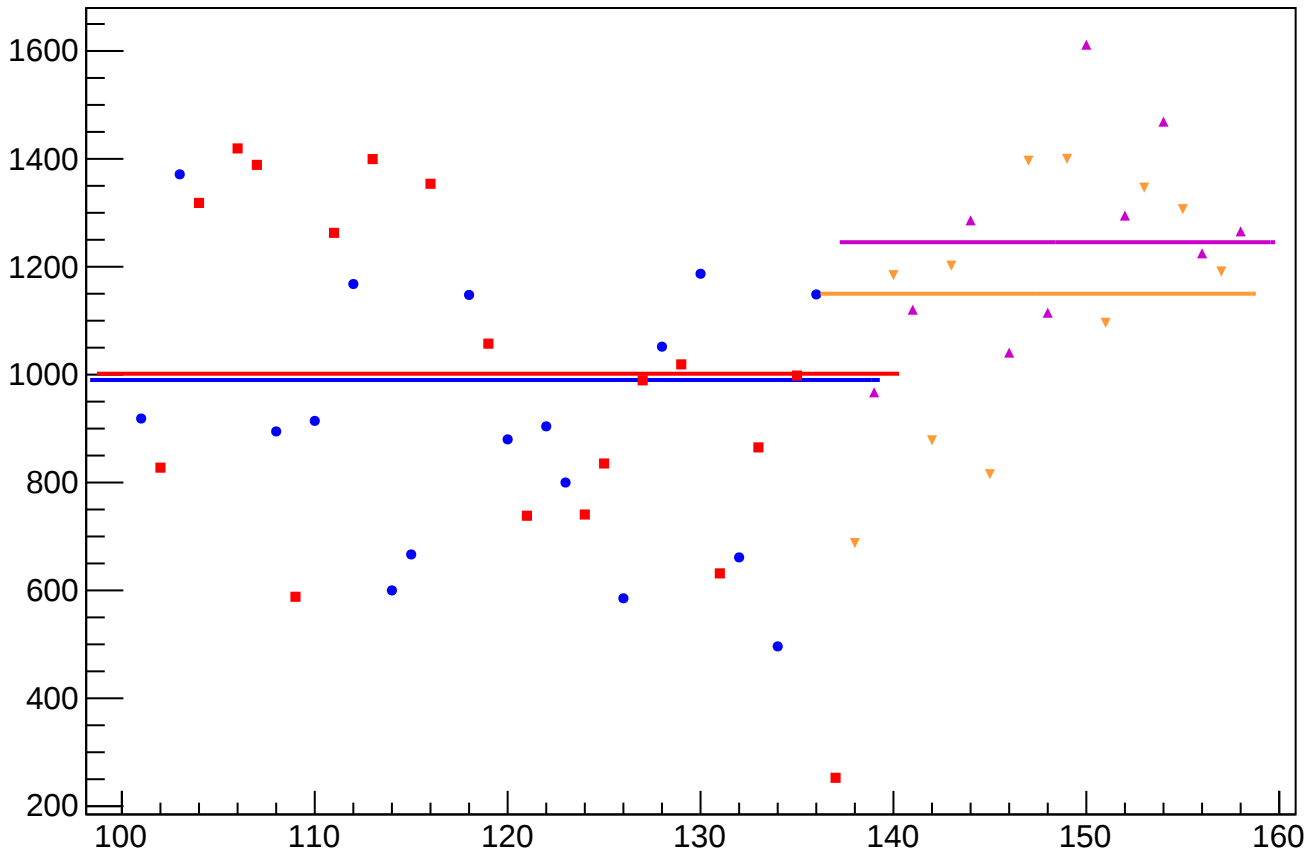
Right In: 165.547+/-0.000 χ^2/NDF : 10658450336306933403777351351390508679168.0/16
 Left Out: -1320.046+/-0.000 χ^2/NDF : 740023464663336027255618515781973704704.0/10
 Right Out: 291.015+/-0.000 χ^2/NDF : 14672571981967891714112032575724497928192.0/17
 Left In: -1136.491+/-0.000 χ^2/NDF : 737523879015032613005893789266368004096.0/9

dit_sam5_coil6_err_mean vs Slug



Right In: 119.288+/-0.000 χ^2/NDF : 2842654207411905514935251828991852544.0/16
 Left Out: 62.326+/-0.000 χ^2/NDF : 202943660829550517459716550774751232.0/10
 Right Out: 106.986+/-0.000 χ^2/NDF : 1915046958698396013008025410372370432.0/17
 Left In: 58.903+/-0.000 χ^2/NDF : 168982163816538277695773619267829760.0/9

dit_sam5_coil6_Ndata_mean vs Slug



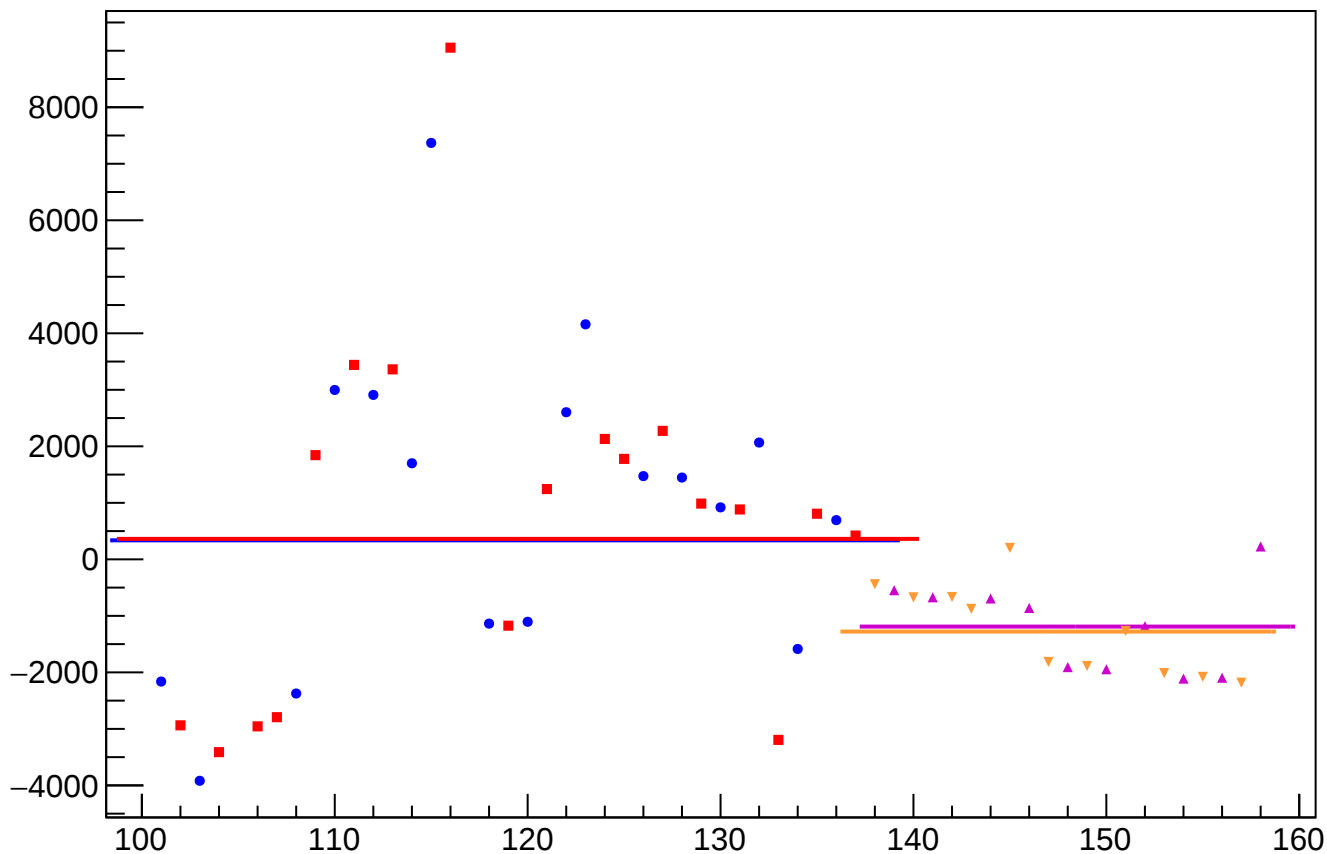
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

dit_sam6_coil6_mean vs Slug



Right In: 336.537+/-0.000 χ^2/NDF : 3711385432707324073014239747985928880128.0/16

+ sign -542.345+/-0.000 χ^2/NDF : 51914924350278

Left Out: -1278.105+/-0.000 χ^2/NDF : 495264623347277383242380923760197763072.0/10

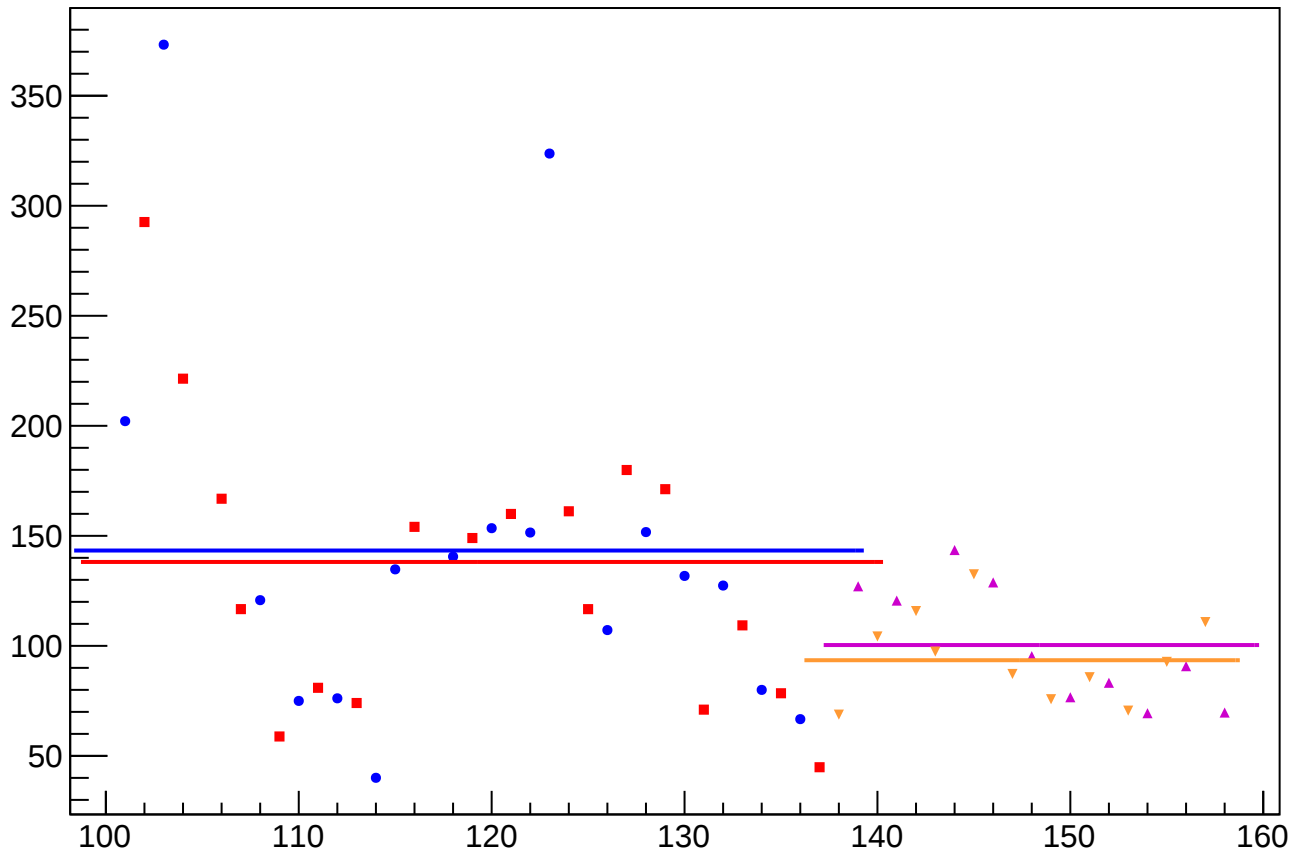
All: -511.115+/-0.000 χ^2/NDF : 12582335871

Right Out: 362.052+/-0.000 χ^2/NDF : 5966784958004941474881704867040847724544.0/17

- sign -480.723+/-0.000 χ^2/NDF : 738791244376745

Left In: -1189.646+/-0.000 χ^2/NDF : 486098419205953894465630926918888980480.0/9

dit_sam6_coil6_err_mean vs Slug



Right In: 143.327+/-0.000 χ^2/NDF : 4671526487507242419296658853814337536.0/16

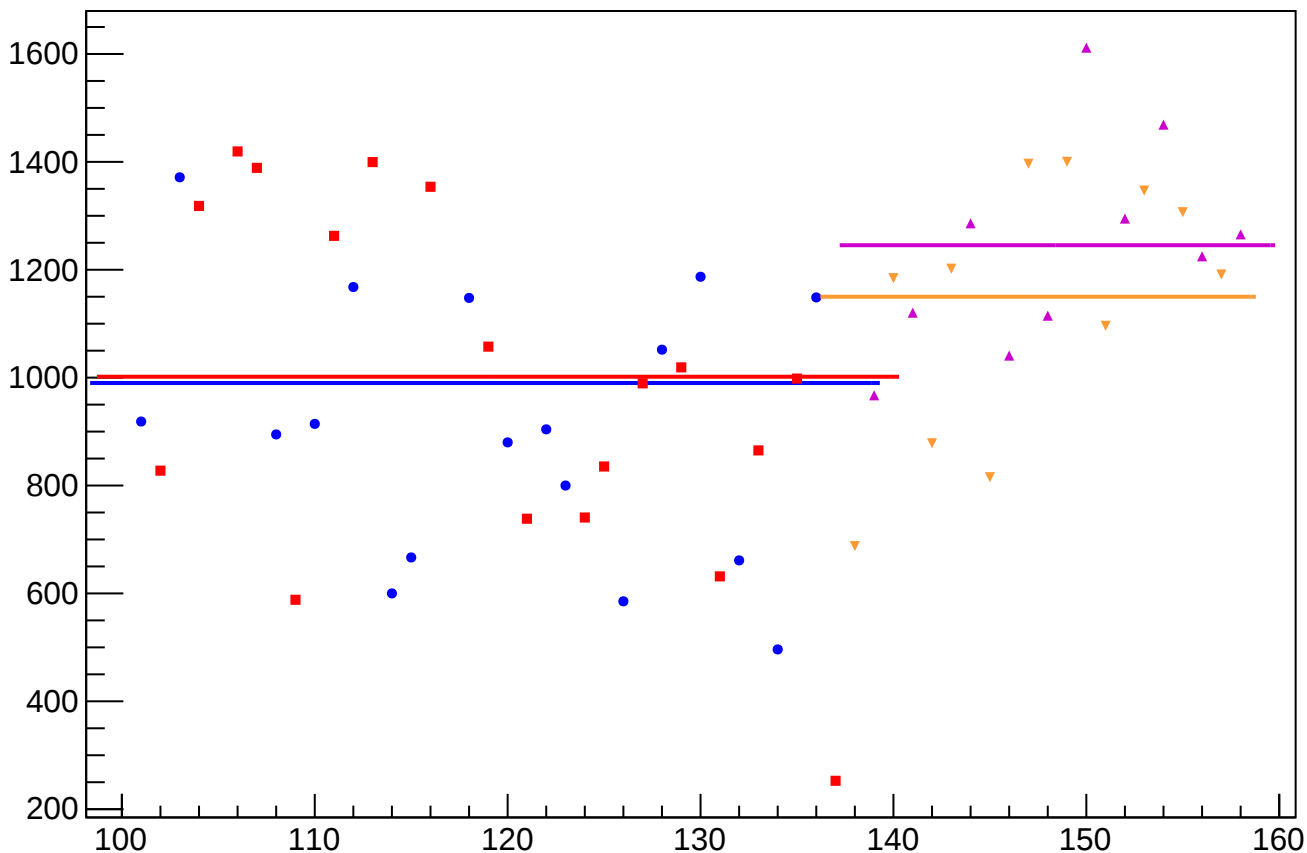
Left Out: 93.473+/-0.000 χ^2/NDF : 301031877096099018783608701018177536.0/10

Right Out: 138.133+/-0.000 χ^2/NDF : 3152322250150098804756661412355375104.0/17

Left In: 100.373+/-0.000 χ^2/NDF : 573479834421197633954425147670659072.0/9

All: 116.917+/-0.000 χ^2/NDF : 101925620445

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1150.040 $\pm$ 0.000 χ^2 /NDF: 44669908402152138654863684969892413440.0/10

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

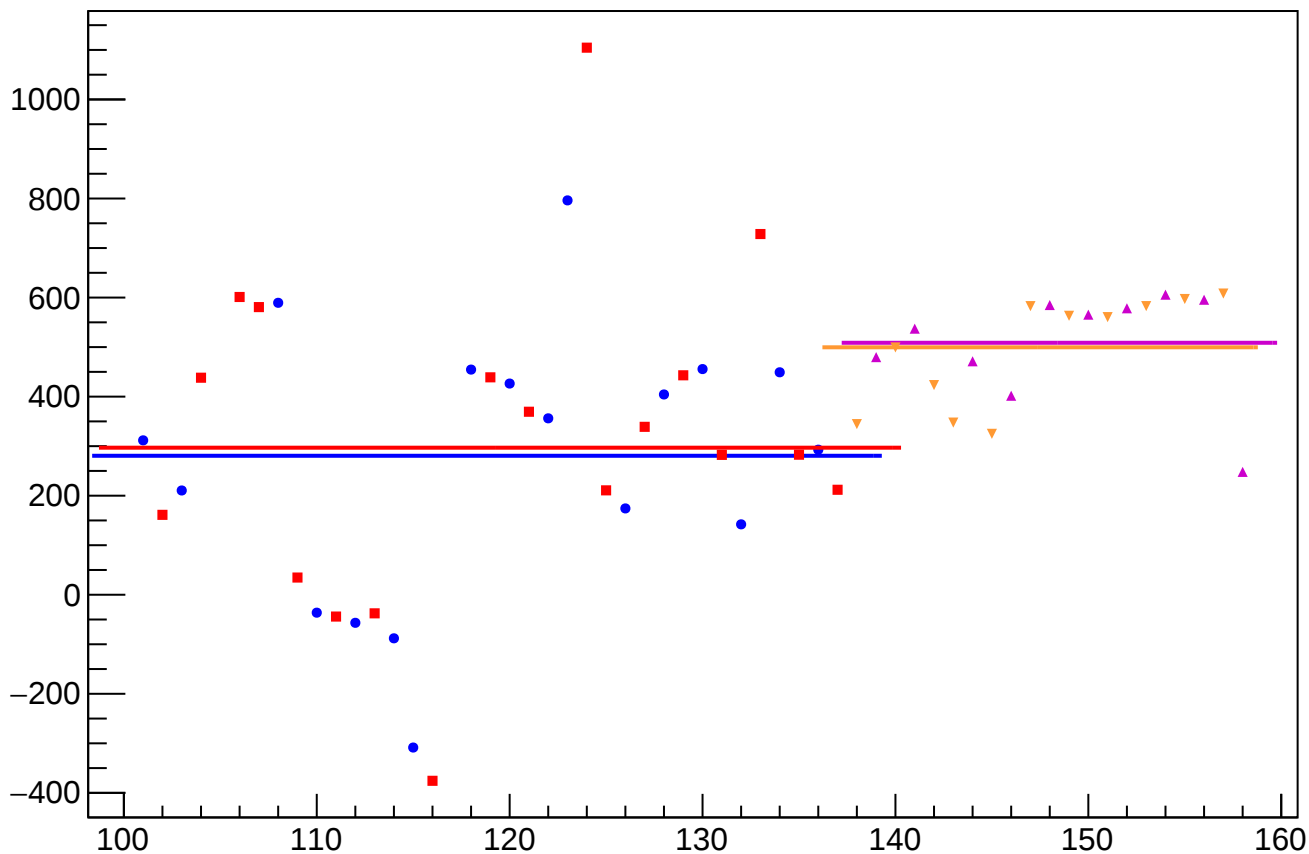
Left In: 1245.495 $\pm$ 0.000 χ^2 /NDF: 29584355694802852002513400503568695296.0/9

+ sign 1077.160 $\pm$ 0.000 χ^2 /NDF: 91227043927851

All: 1106.020 $\pm$ 0.000 χ^2 /NDF: 20775031611

- sign 1134.105 $\pm$ 0.000 χ^2 /NDF: 11402032594767

dit_sam7_coil6_mean vs Slug



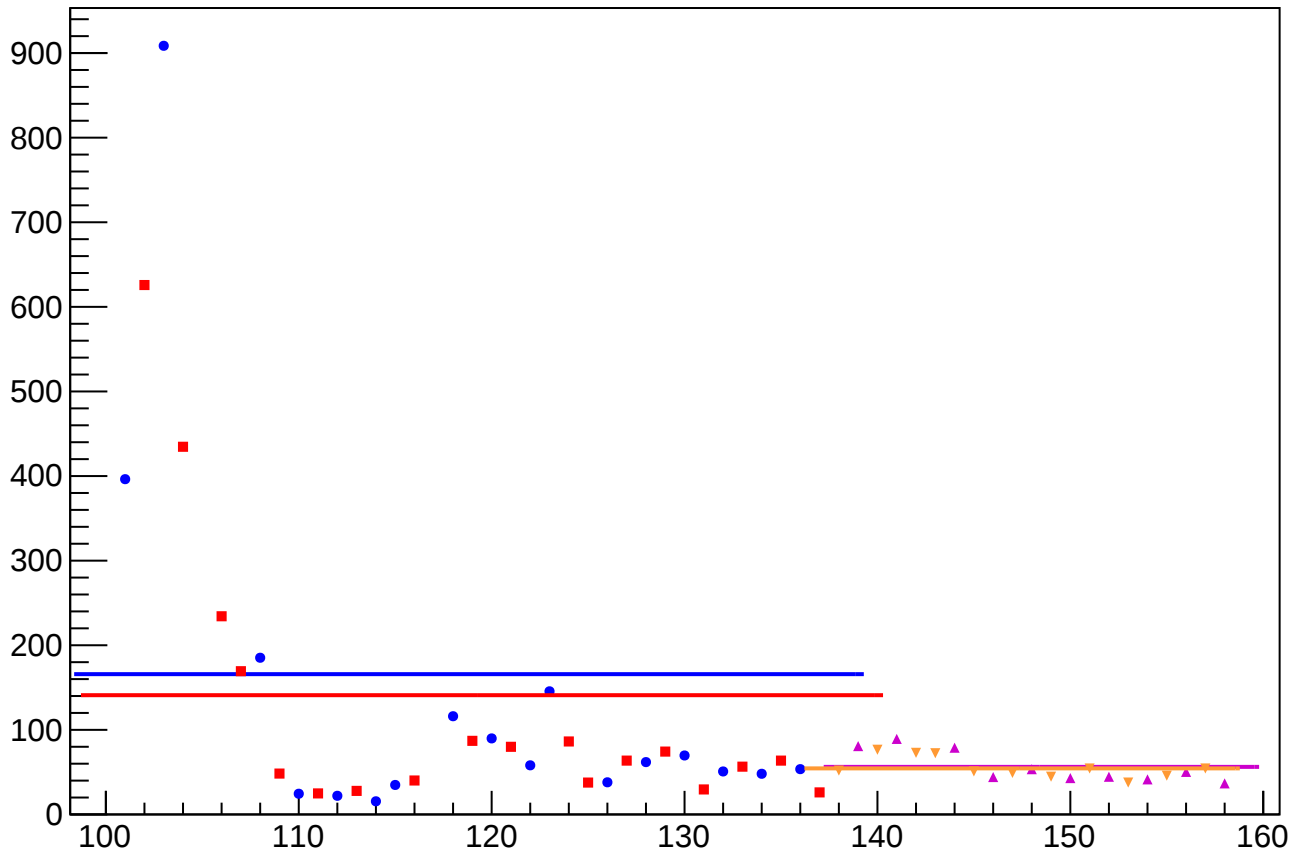
Right In: 280.587+/-0.000 χ^2/NDF : 26873653578381248944514799501999865856.0/16

Left Out: 499.577+/-0.000 χ^2/NDF : 9457204185439284652766206046406443008.0/10

Right Out: 296.905+/-0.000 χ^2/NDF : 53152105752477344290303829793952497664.0/17

Left In: 508.721+/-0.000 χ^2/NDF : 9360944194502012348922825557334294528.0/9

dit_sam7_coil6_err_mean vs Slug



Right In: 165.841 $\pm$ 0.000 χ^2 /NDF: 42388910284637758892134233675562745856.0/16

+ sign 105.213 $\pm$ 0.000 χ^2 /NDF: 471939300465365

Left Out: 54.458 $\pm$ 0.000 χ^2 /NDF: 118511092602254756470398841593528320.0/10

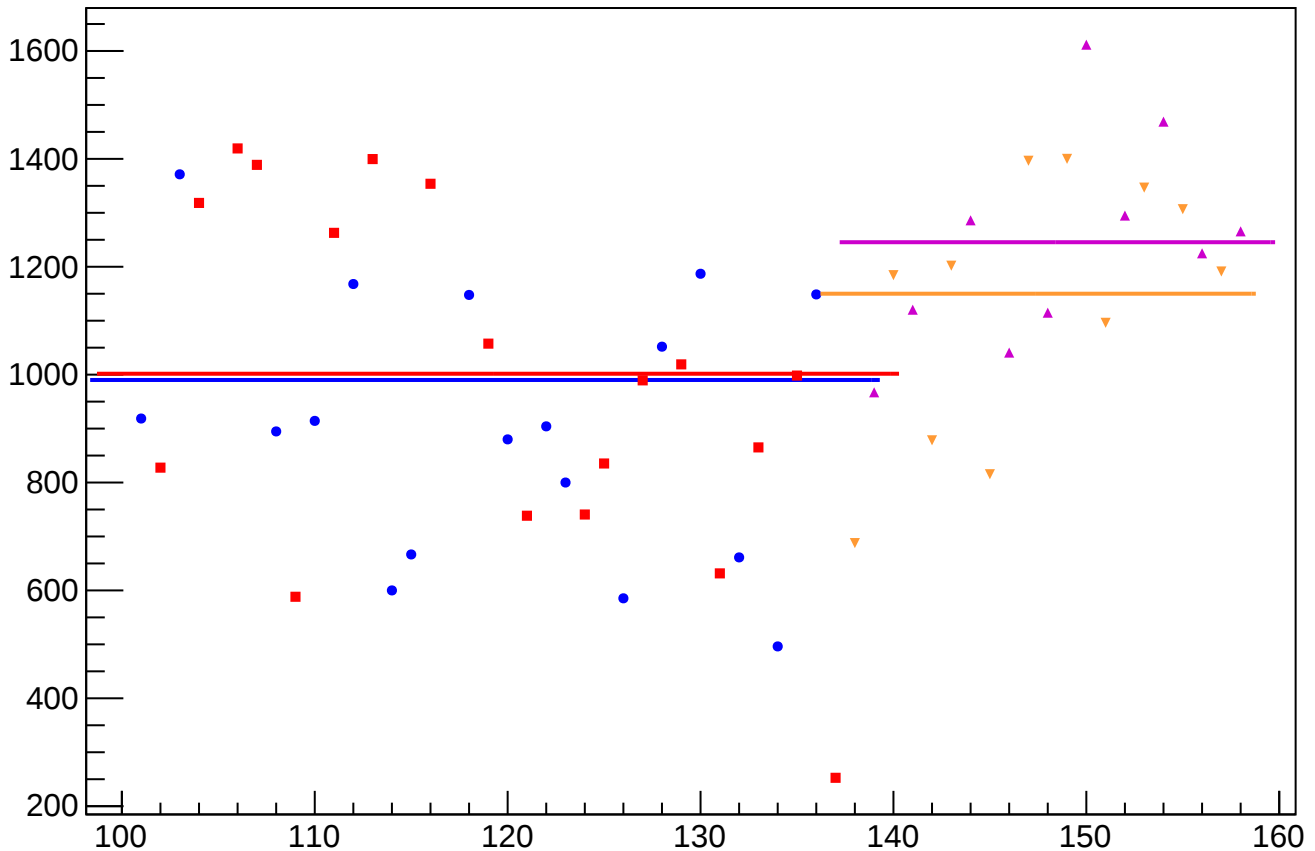
All: 100.014 $\pm$ 0.000 χ^2 /NDF: 730193771086

Right Out: 140.976 $\pm$ 0.000 χ^2 /NDF: 22674964646016742017185923250652184576.0/17

- sign 94.954 $\pm$ 0.000 χ^2 /NDF: 2574421661414366

Left In: 56.242 $\pm$ 0.000 χ^2 /NDF: 280994509093186247466317159845593088.0/9

dit_sam7_coil6_Ndata_mean vs Slug



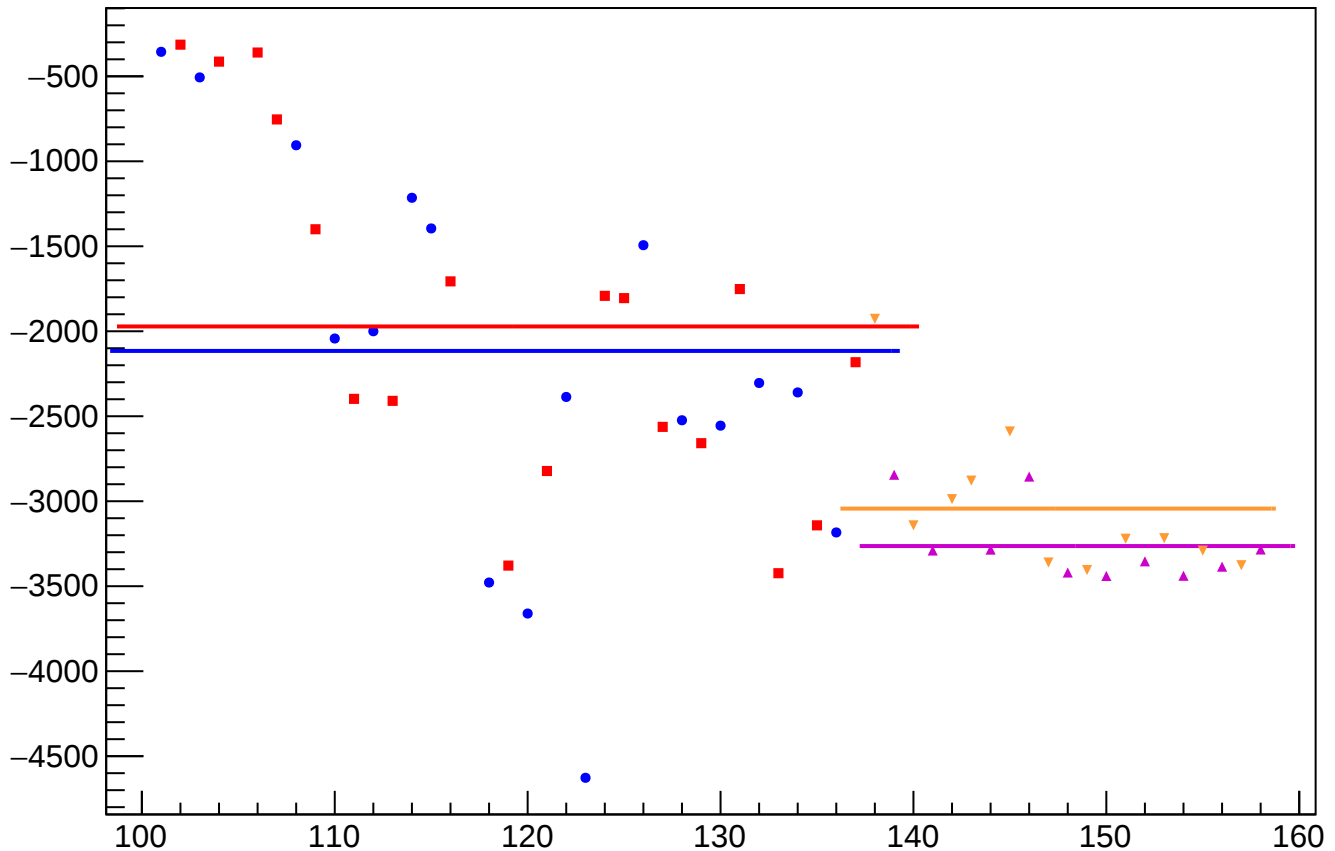
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1150.040+/-0.000 χ^2/NDF : 44669908402152138654863684969892413440.0/10

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1245.495+/-0.000 χ^2/NDF : 29584355694802852002513400503568695296.0/9

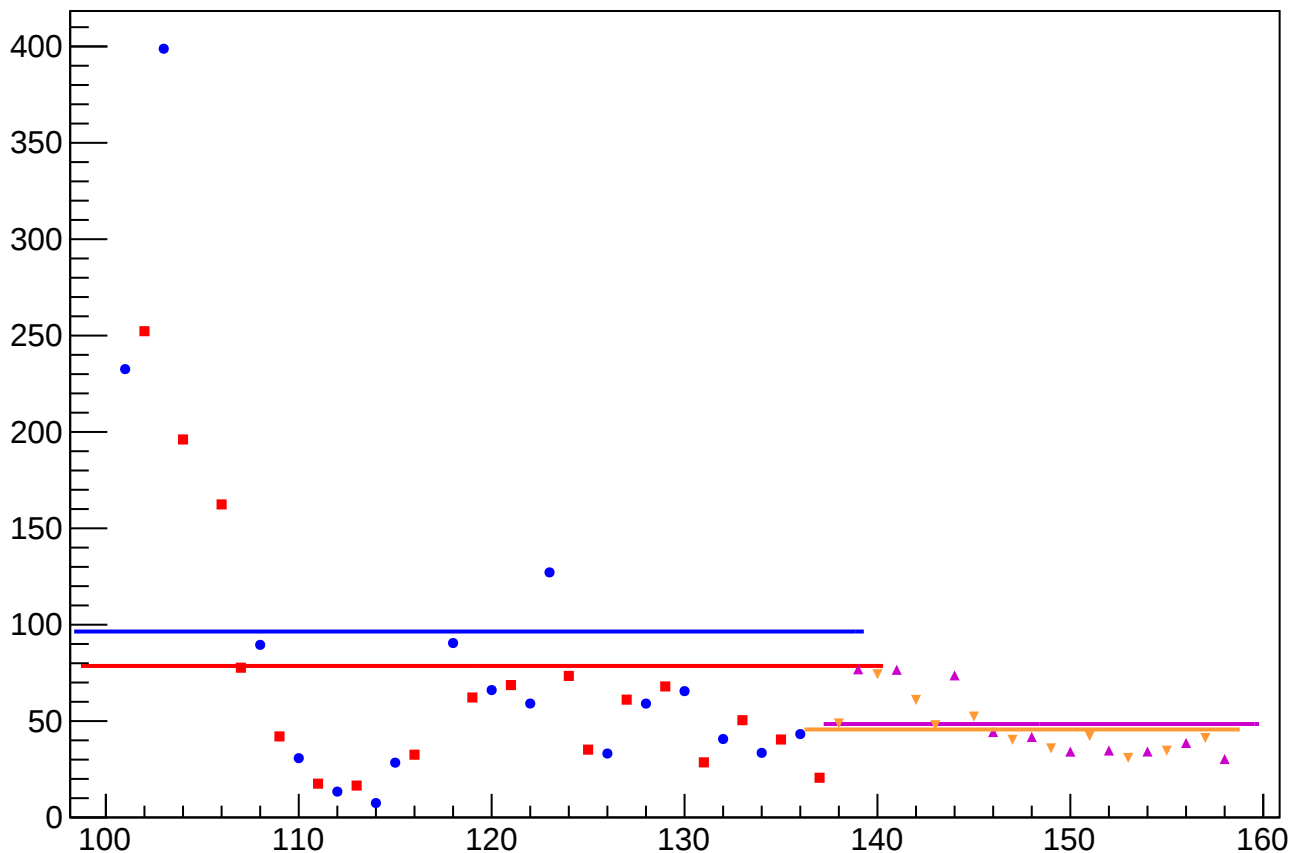
dit_sam8_coil6_mean vs Slug



Right In: -2115.686+/-0.000	χ^2/NDF : 754451931643030128758883529777223827456.0/16
Left Out: -3043.393+/-0.000	χ^2/NDF : 152991919992044237296131389556162297856.0/10
Right Out: -1971.716+/-0.000	χ^2/NDF : 778865201263461024769541360998730956800.0/17
Left In: -3263.719+/-0.000	χ^2/NDF : 37711371292275682274780381978837385216.0/9

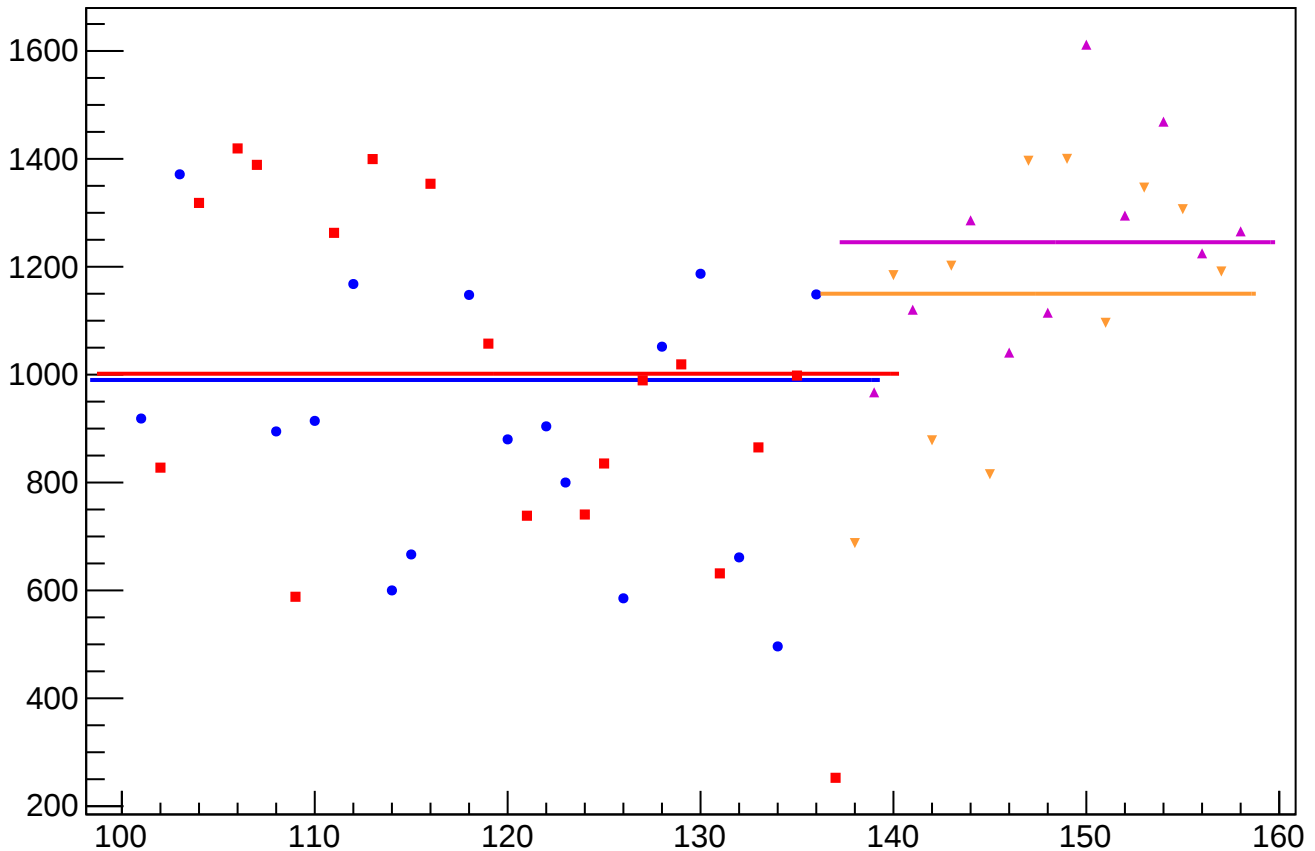
+ sign -2620.656+/-0.000 χ^2/NDF : 1232558306498
 All: -2647.408+/-0.000 χ^2/NDF : 2699528212
 - sign -2673.443+/-0.000 χ^2/NDF : 14648191389998

dit_sam8_coil6_err_mean vs Slug



Right In: 96.465+/-0.000 χ^2/NDF : 7977727256930133620372701565161570304.0/16
 Left Out: 45.643+/-0.000 χ^2/NDF : 123622431401199813692990207519883264.0/10
 Right Out: 78.600+/-0.000 χ^2/NDF : 3499001556563234508710770672385654784.0/17
 Left In: 48.482+/-0.000 χ^2/NDF : 282054466437556468862119245477052416.0/9

dit_sam8_coil6_Ndata_mean vs Slug



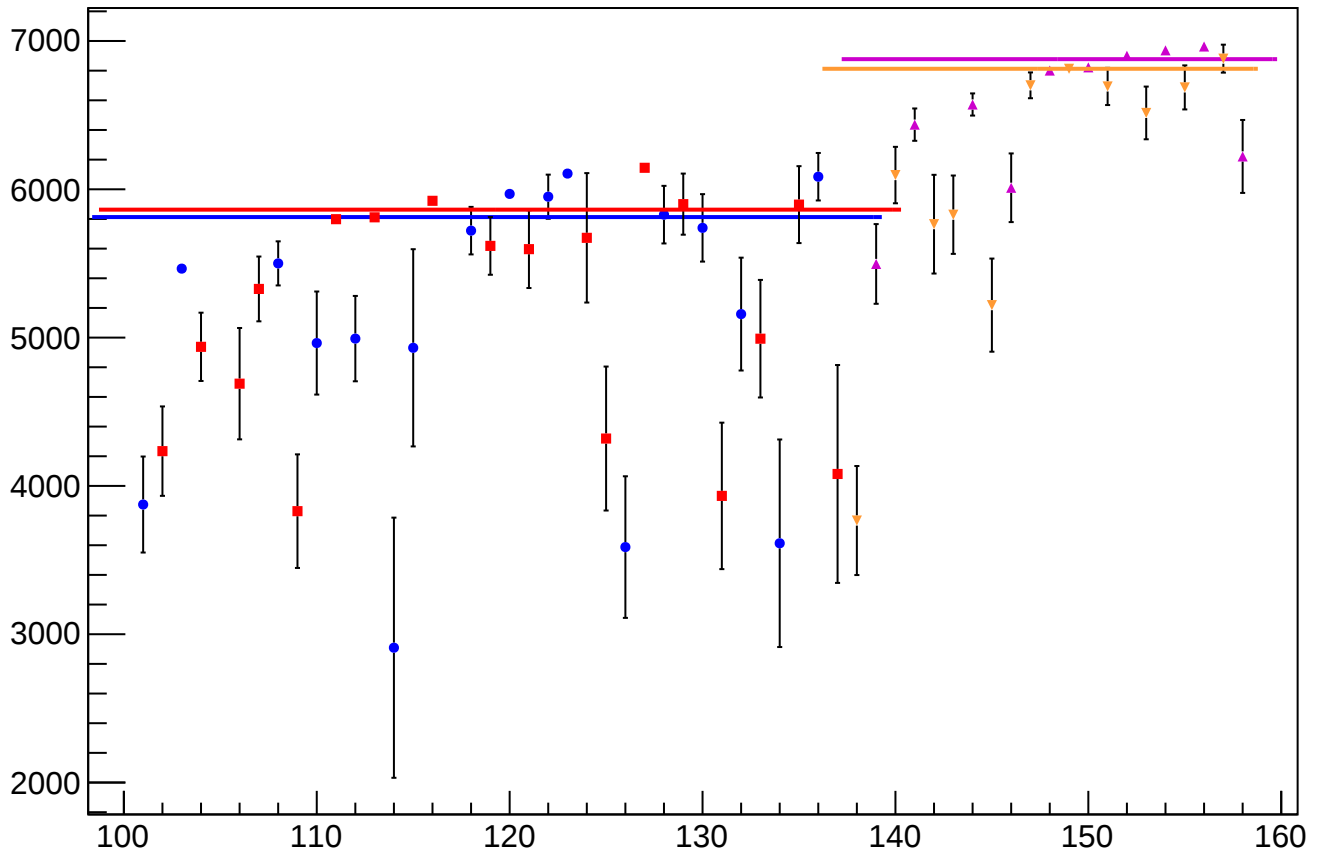
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1150.040 $\pm$ 0.000 χ^2 /NDF: 44669908402152138654863684969892413440.0/10

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1245.495 $\pm$ 0.000 χ^2 /NDF: 29584355694802852002513400503568695296.0/9

dit_run_mean vs Slug



Right In: 5812.740 $\pm$ 0.171 χ^2 /NDF: 2217854.6/16

Left Out: 6812.620 $\pm$ 0.311 χ^2 /NDF:139.0/10

Right Out: 5862.788 $\pm$ 0.139 χ^2 /NDF: 199291.9/17

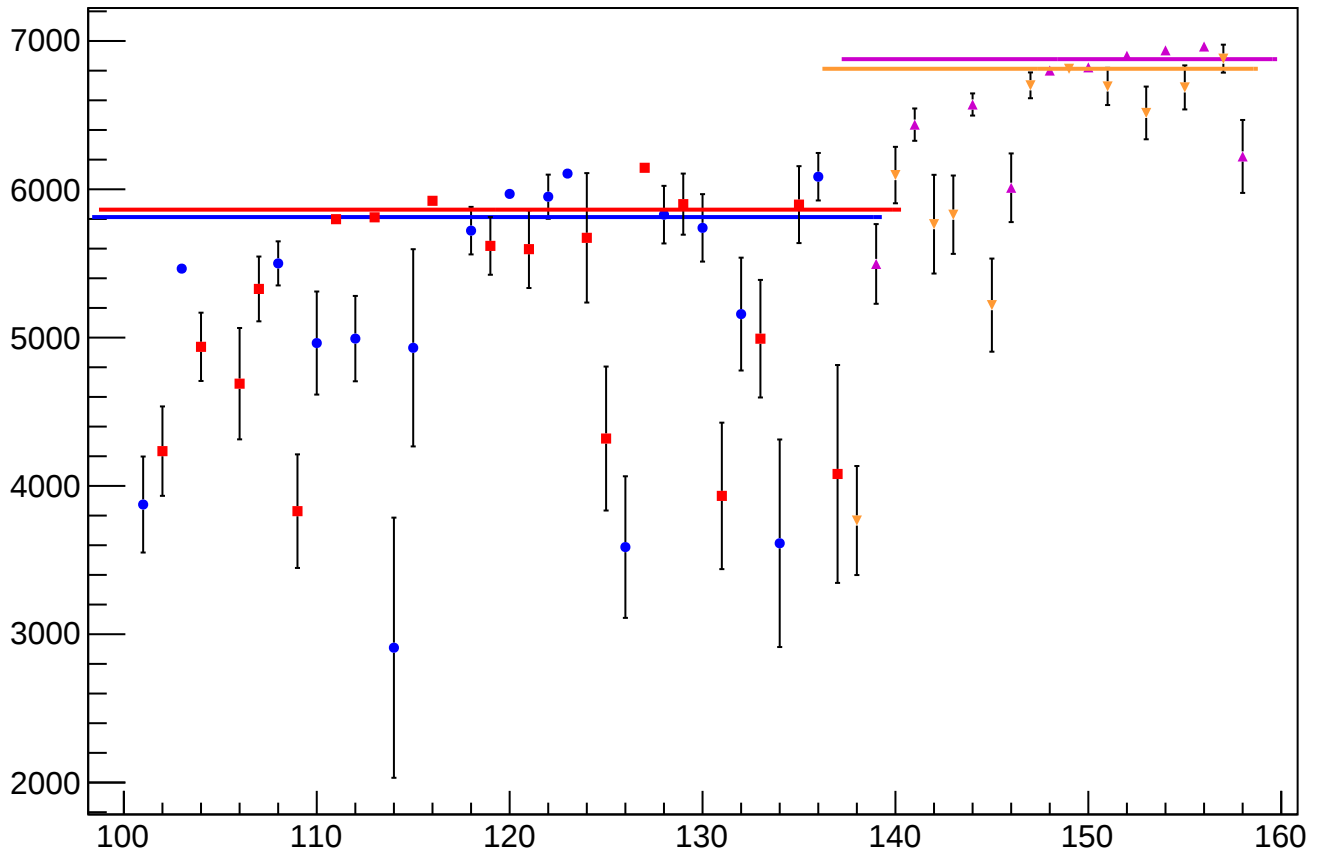
Left In: 6877.525 $\pm$ 0.173 χ^2 /NDF:152467.3/9

+ sign 6044.172 $\pm$ 0.150 χ^2 /NDF: 10171578.9/27

All: 6187.426 $\pm$ 0.088 χ^2 /NDF: 32851515.6/5

- sign 6262.696 $\pm$ 0.108 χ^2 /NDF: 21279923.9/27

dit_run_rms vs Slug



Right In: 5812.740 ± 0.171 $\chi^2/\text{NDF}: 2217854.6/16$

Left Out: 6812.620 ± 0.311 $\chi^2/\text{NDF}: 139.0/10$

Right Out: 5862.788 ± 0.139 $\chi^2/\text{NDF}: 199291.9/17$

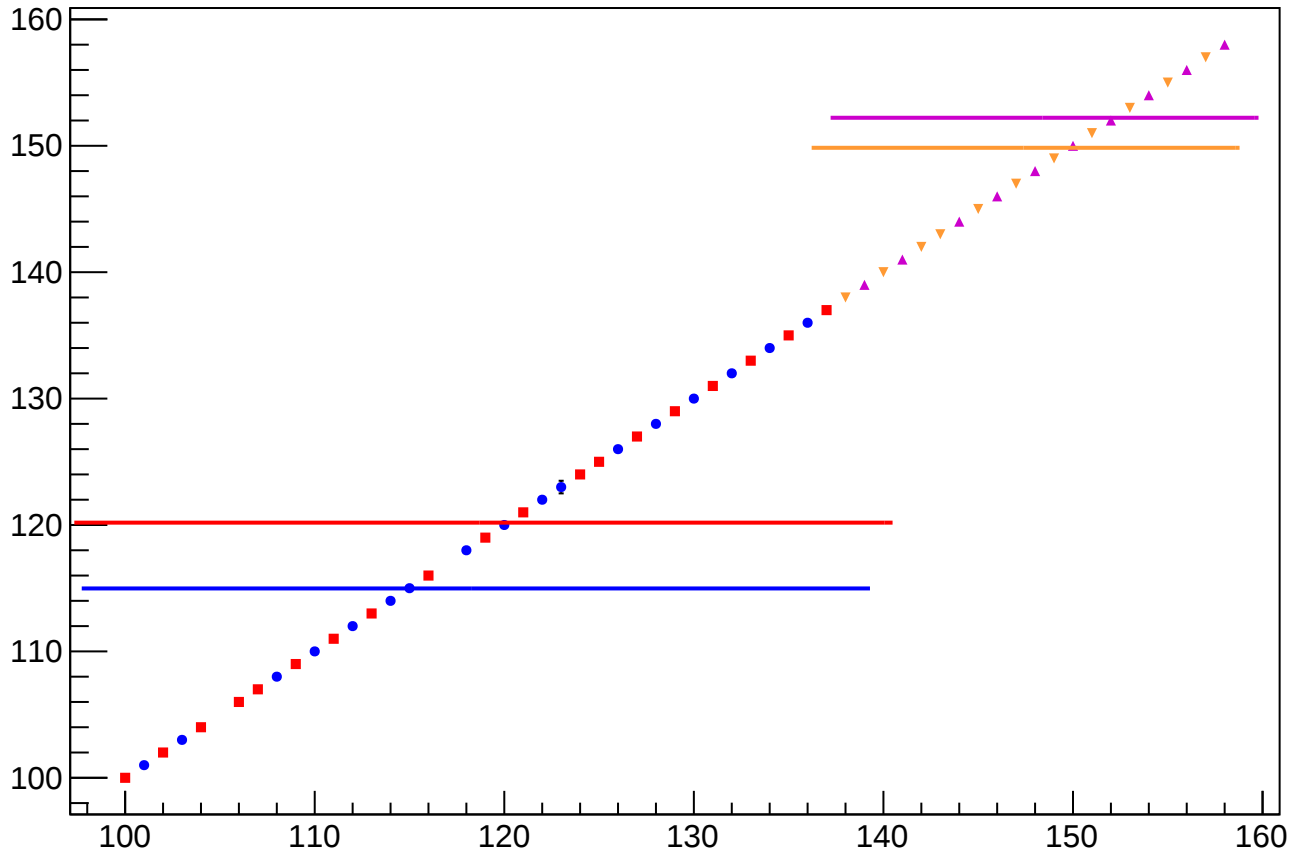
Left In: 6877.525 ± 0.173 $\chi^2/\text{NDF}: 152467.3/9$

+ sign 6044.172 ± 0.150 $\chi^2/\text{NDF}: 10171578.9/27$

All: 6187.426 ± 0.088 $\chi^2/\text{NDF}: 32851515.6/5$

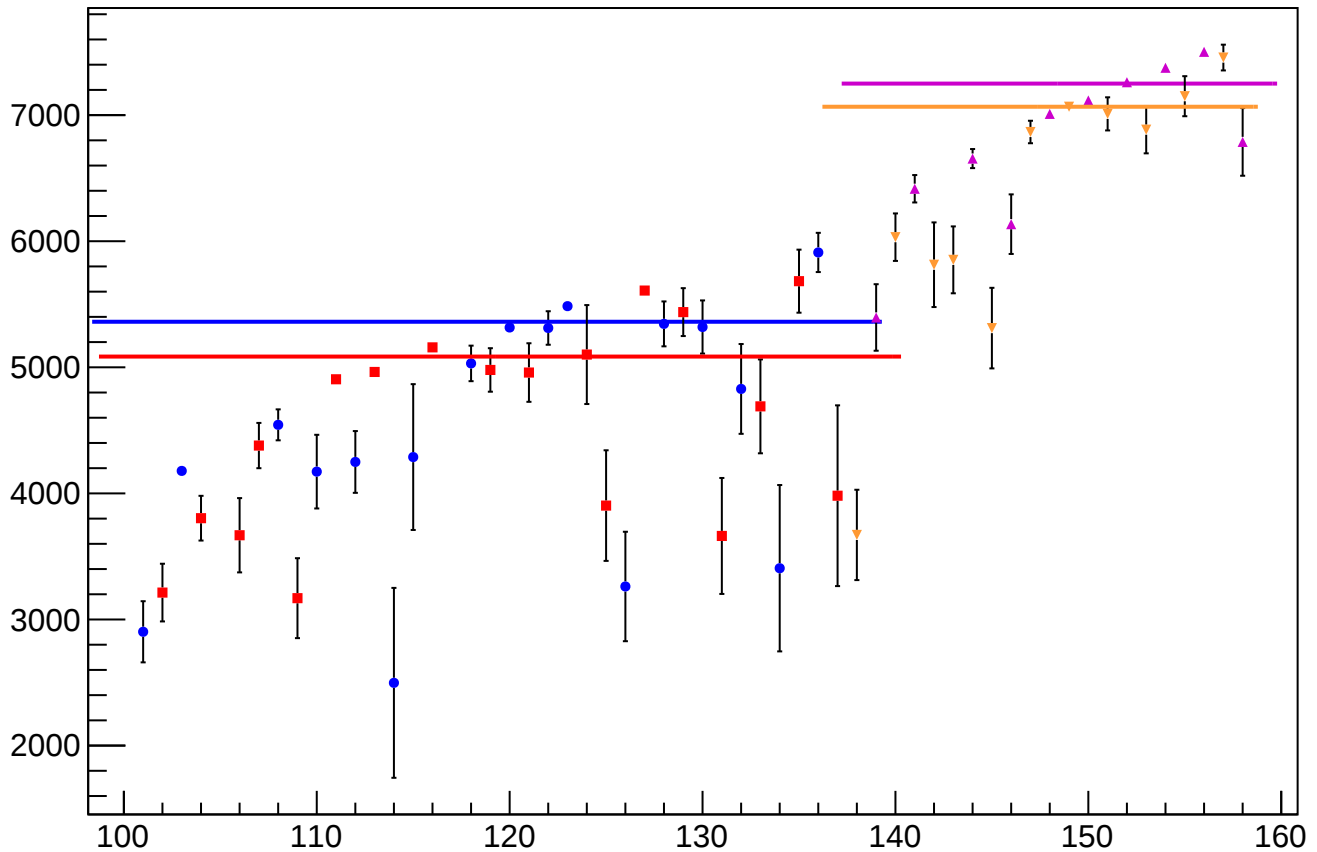
- sign 6262.696 ± 0.108 $\chi^2/\text{NDF}: 21279923.9/27$

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 149.841+/-0.000 χ^2/NDF : 19477827177483799819625103884288.0/10
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 152.217+/-0.000 χ^2/NDF : 13131625643598975517651864911872.0/9

dit_cyclenum_mean vs Slug



Right In: 5361.298 $\pm$ 0.441 χ^2 /NDF: 607948.2/16

Left Out: 7066.521 $\pm$ 1.477 χ^2 /NDF:206.2/10

Right Out: 5085.163 $\pm$ 0.644 χ^2 /NDF: 80603.0/17

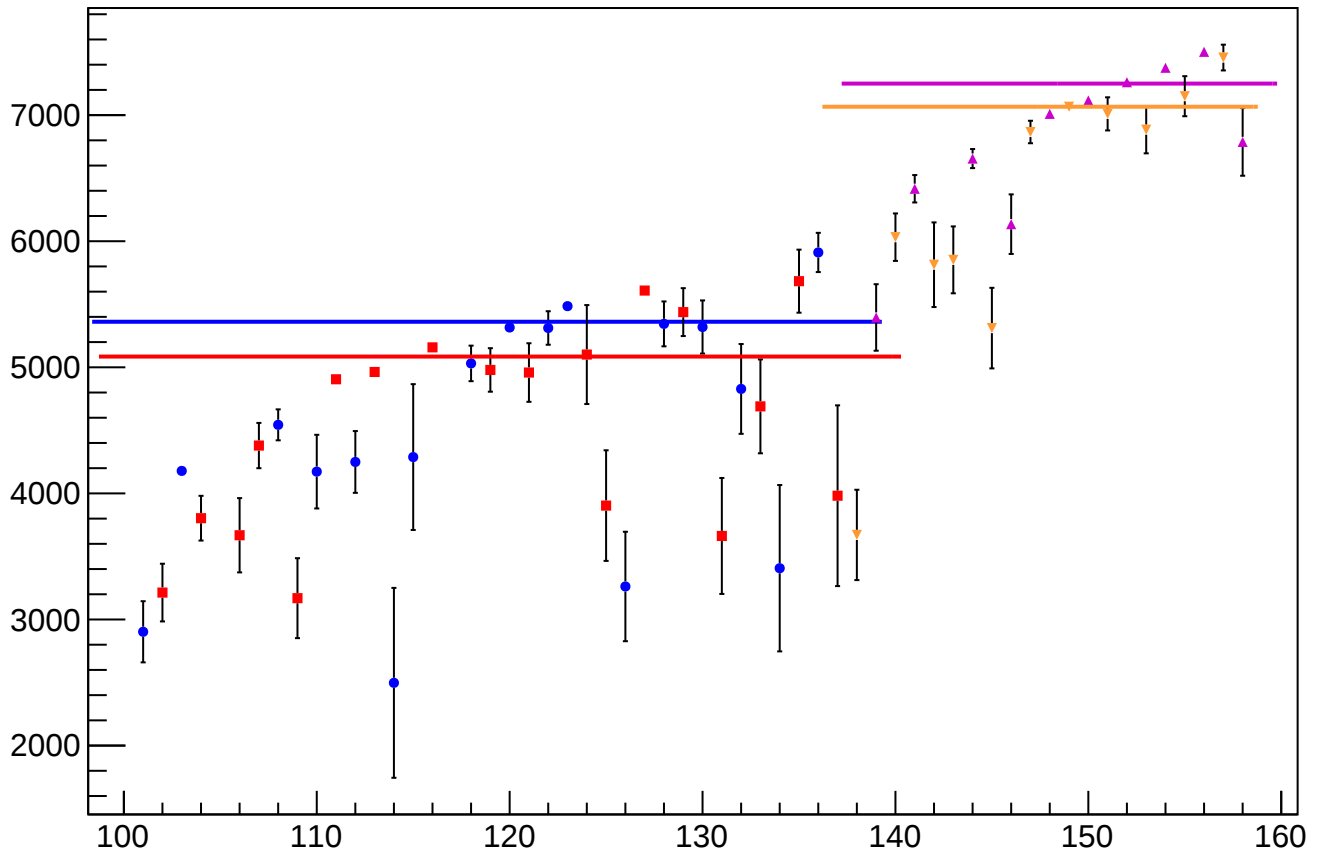
Left In: 7250.103 $\pm$ 0.766 χ^2 /NDF:51706.1/9

+ sign 5500.988 $\pm$ 0.423 χ^2 /NDF: 1831292.1/27

All: 5704.992 $\pm$ 0.321 χ^2 /NDF: 7197548.0/55

- sign 5981.959 $\pm$ 0.493 χ^2 /NDF: 4817464.5/27

dit_cyclenum_rms vs Slug



Right In: 5361.298 $\pm$ 0.441 χ^2 /NDF: 607948.2/16

Left Out: 7066.521 $\pm$ 1.477 χ^2 /NDF: 206.2/10

Right Out: 5085.163 $\pm$ 0.644 χ^2 /NDF: 80603.0/17

Left In: 7250.103 $\pm$ 0.766 χ^2 /NDF: 51706.1/9

+ sign 5500.988 $\pm$ 0.423 χ^2 /NDF: 1831292.1/27

All: 5704.992 $\pm$ 0.321 χ^2 /NDF: 7197548.0/55

- sign 5981.959 $\pm$ 0.493 χ^2 /NDF: 4817464.5/27

dit_scandata1_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

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

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

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

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

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

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

dit_scandata2_rms vs Slug



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

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

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

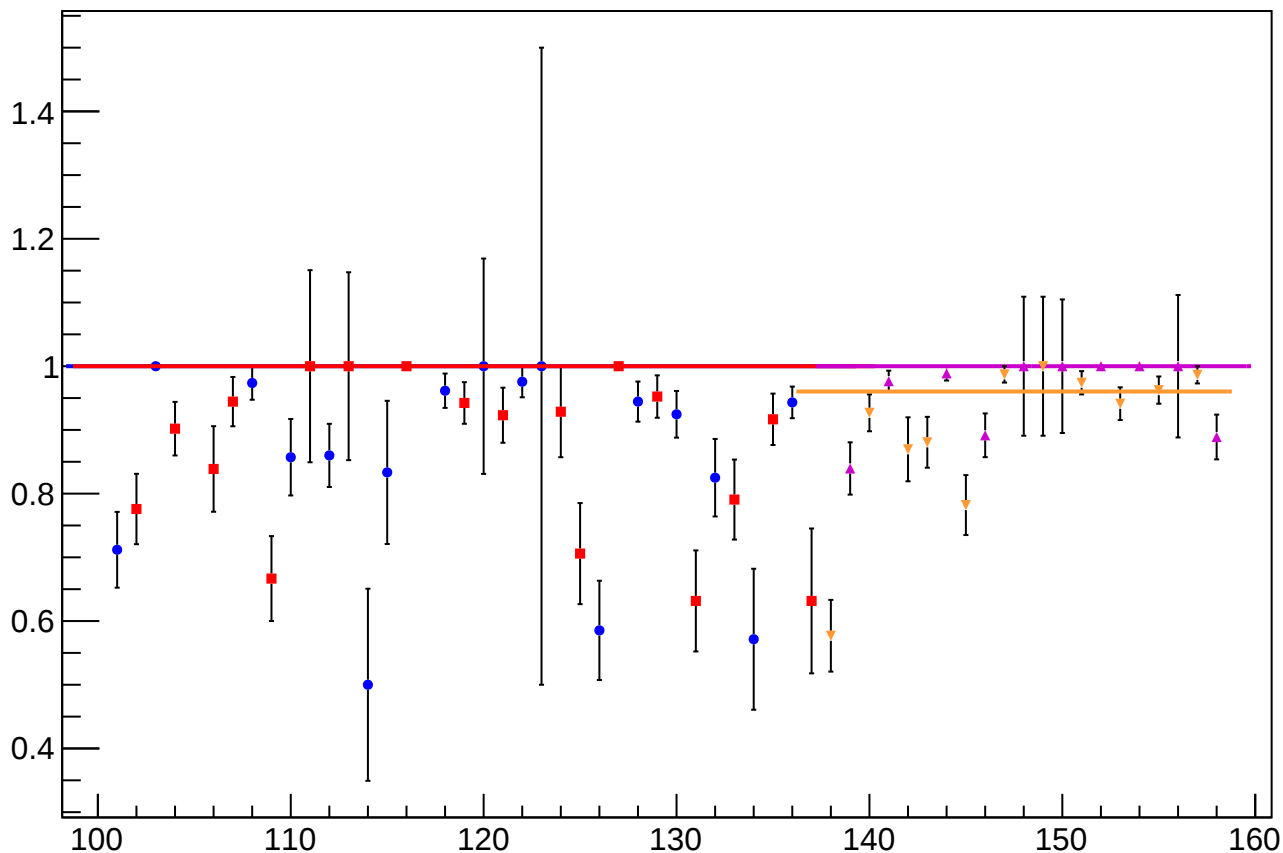
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 118.6/16

Left Out: 0.960 ± 0.007 χ^2/NDF : 78.7/10

Right Out: 1.000 ± 0.000 χ^2/NDF : 192.3/17

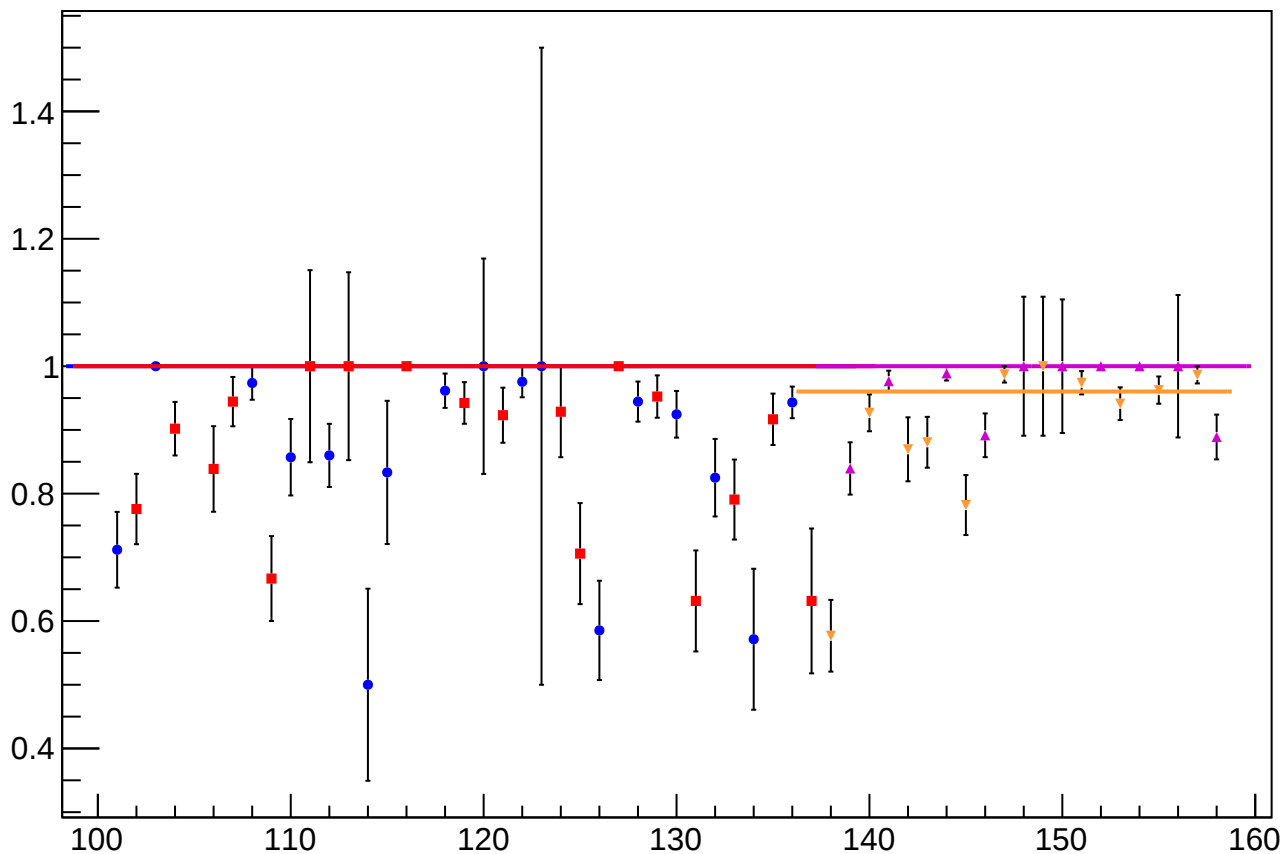
Left In: 1.000 ± 0.000 χ^2/NDF : 382.3/9

+ sign 1.000 ± 0.000 χ^2/NDF : 230.9/27

All: 1.000 ± 0.000 χ^2/NDF : 693.5/55

- sign 1.000 ± 0.000 χ^2/NDF : 404.6/27

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 118.6/16

Left Out: 0.960 $\pm$ 0.007 χ^2 /NDF: 78.7/10

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 192.3/17

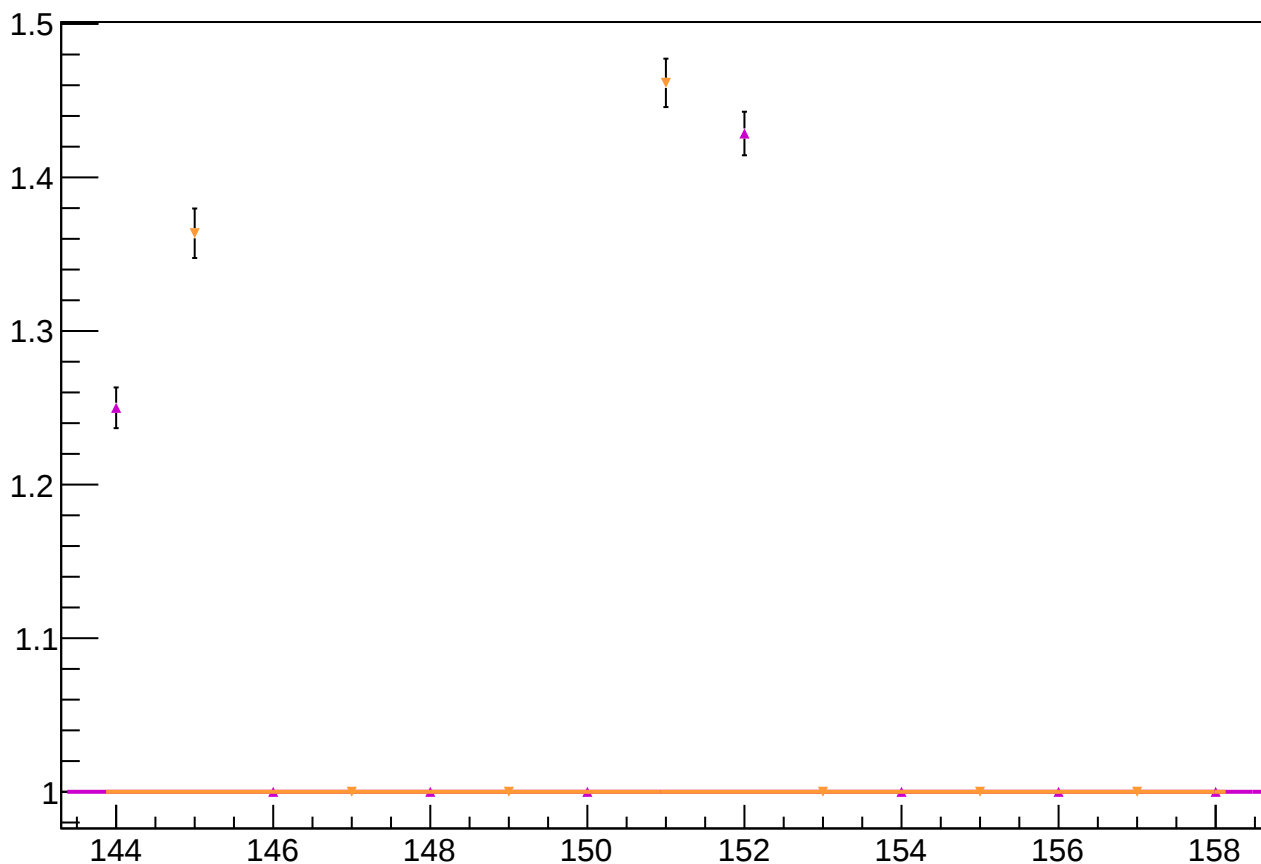
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF: 382.3/9

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 230.9/27

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 693.5/55

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 404.6/27

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 :2468.0/6

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

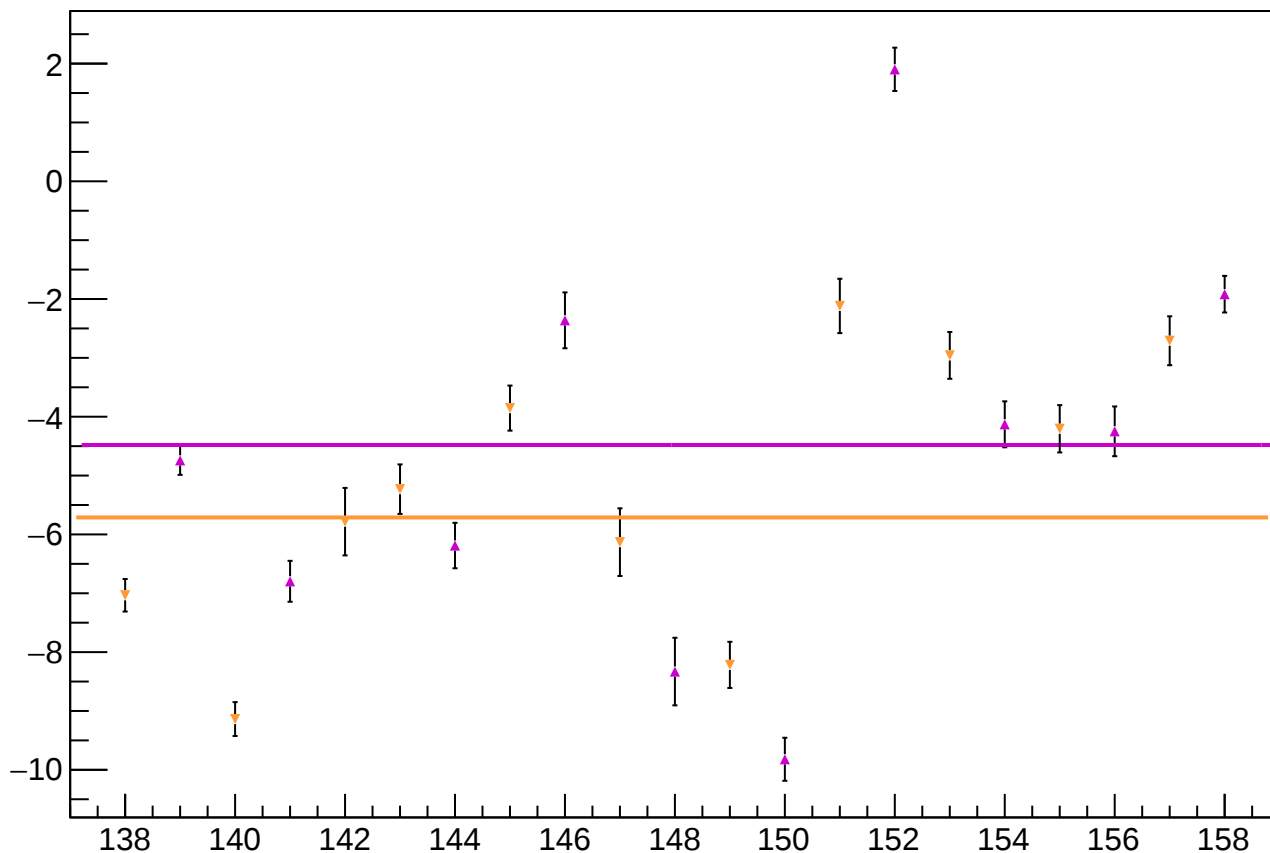
Left In: 1.000+/-0.000 χ^2/NDF :1775.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 12096.6/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

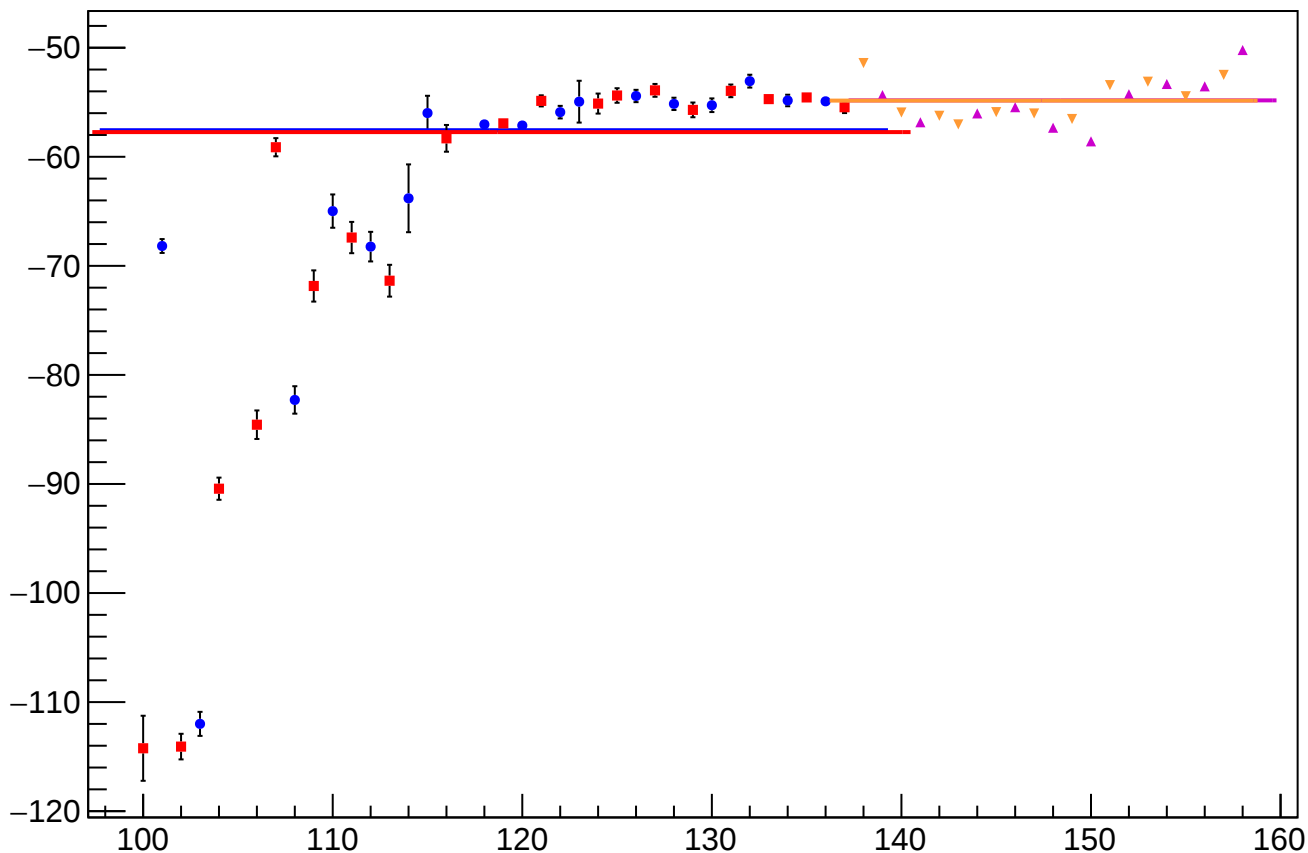
reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.711+/-0.117 χ^2/NDF : 405.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.481+/-0.114 χ^2/NDF : 712.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.083+/-0.082 χ^2/NDF : 1174.2/20
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -54.848 ± 0.086 χ^2/NDF : 408.2/10

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

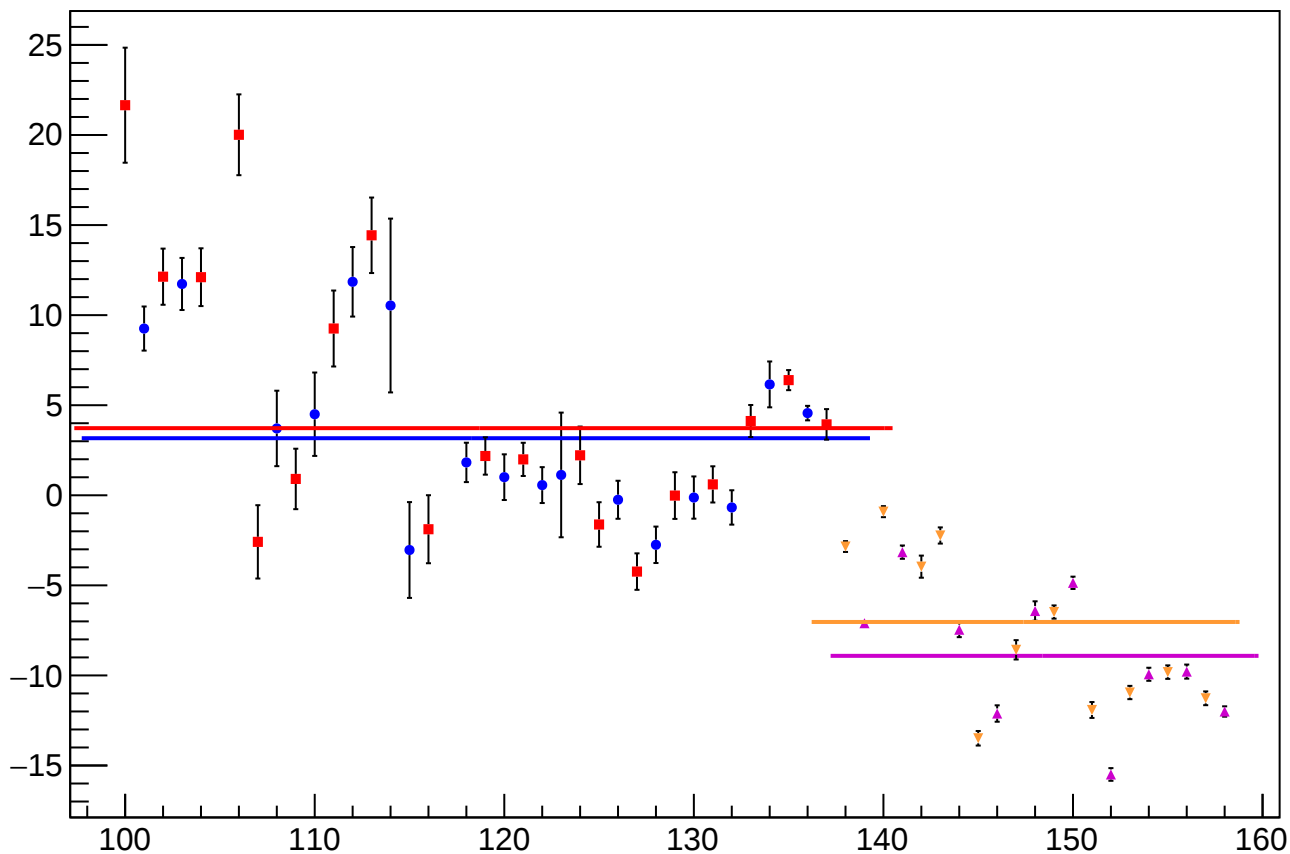
Left In: -54.828 ± 0.087 χ^2/NDF : 905.6/9

+ sign -55.586 ± 0.074 χ^2/NDF : 4132.4/27

All: -55.598 ± 0.052 χ^2/NDF : 10038.7/56

- sign -55.610 ± 0.074 χ^2/NDF : 5906.3/28

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -7.032 ± 0.117 χ^2/NDF : 1410.5/10

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

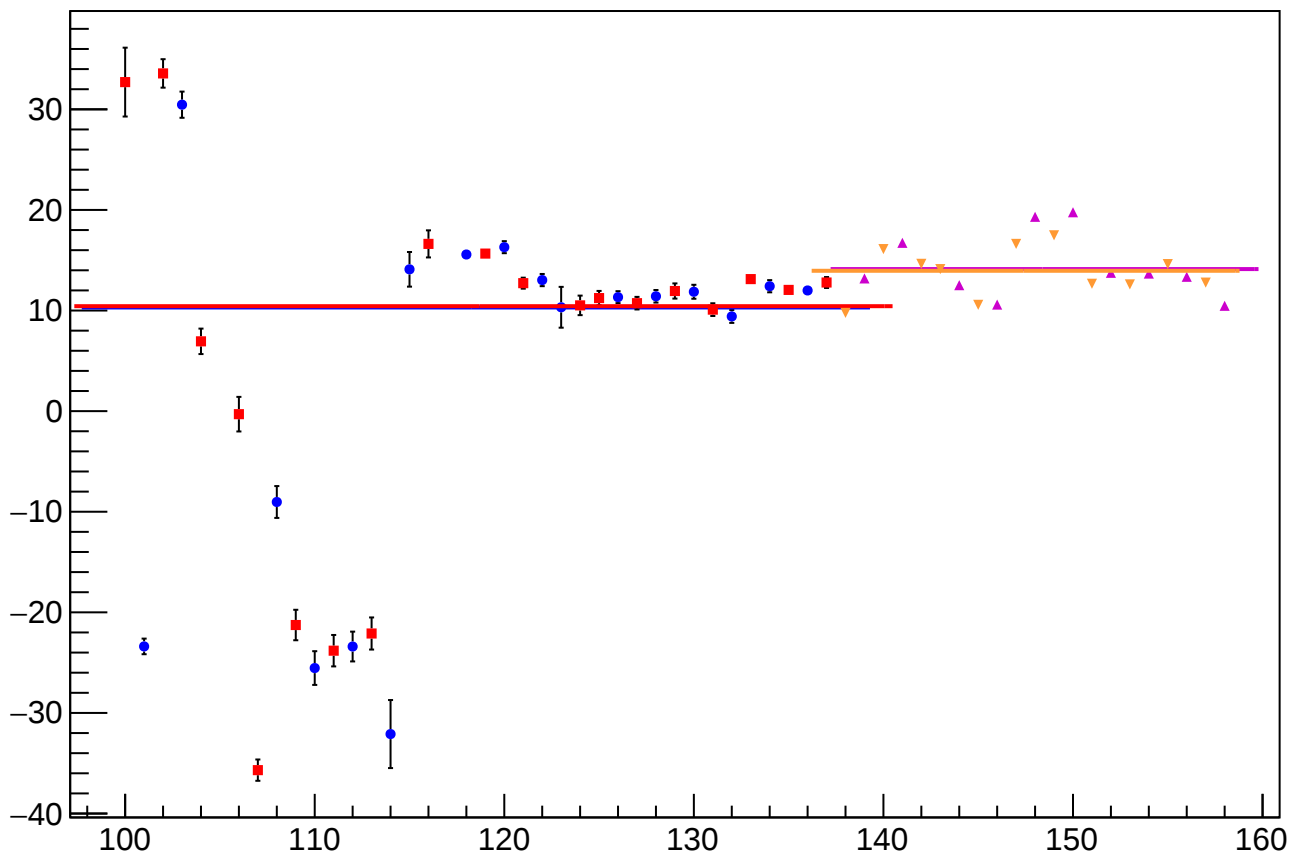
Left In: -8.913 ± 0.113 χ^2/NDF : 990.0/9

+ sign -5.284 ± 0.107 χ^2/NDF : 2894.5/27

All: -6.161 ± 0.074 χ^2/NDF : 6239.4/56

- sign -6.996 ± 0.104 χ^2/NDF : 3212.8/28

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF : 3712.3/16

Left Out: 13.952+/-0.103 χ^2/NDF : 515.2/10

Right Out: 10.433+/-0.160 χ^2/NDF : 3828.5/18

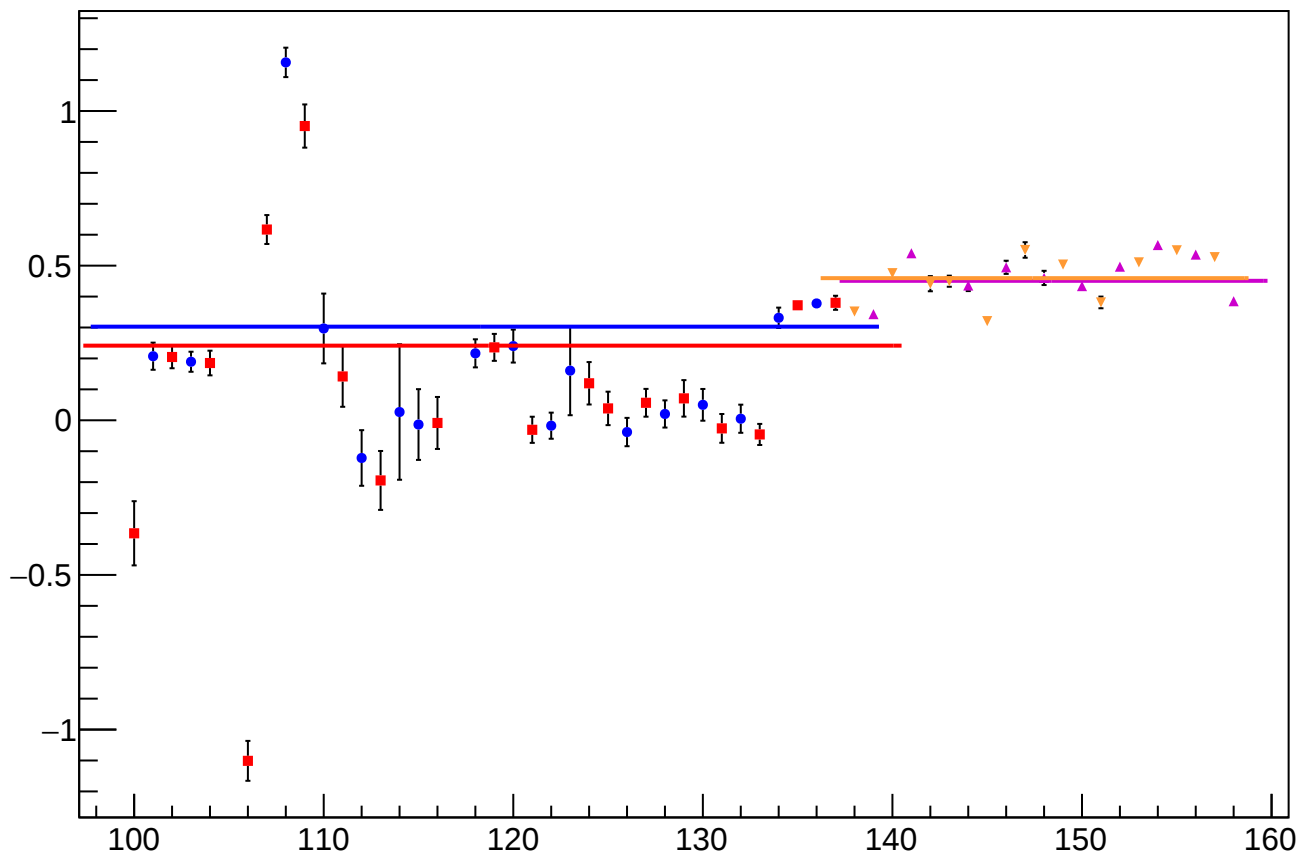
Left In: 14.121+/-0.100 χ^2/NDF : 1017.0/9

+ sign 12.856+/-0.086 χ^2/NDF : 4605.9/27

All: 12.970+/-0.060 χ^2/NDF : 9837.0/56

- sign 13.081+/-0.085 χ^2/NDF : 5227.6/28

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.460 ± 0.005 χ^2/NDF : 296.0/10

Right Out: 0.241 ± 0.008 χ^2/NDF : 986.7/18

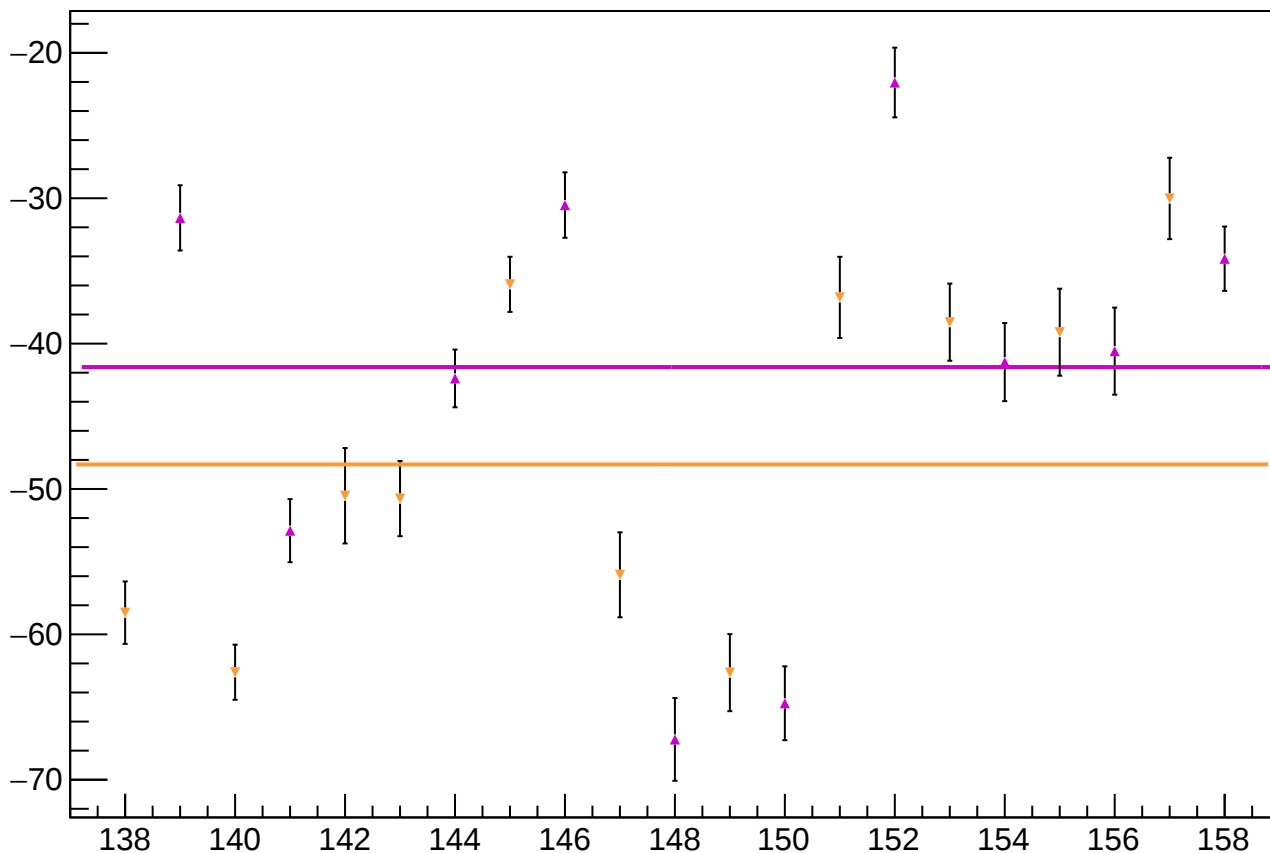
Left In: 0.451 ± 0.004 χ^2/NDF : 351.2/9

+ sign 0.422 ± 0.004 χ^2/NDF : 1222.2/27

All: 0.415 ± 0.003 χ^2/NDF : 3052.2/56

- sign 0.408 ± 0.004 χ^2/NDF : 1823.6/28

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -48.311 $\pm$ 0.749 χ^2 /NDF: 241.9/10

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

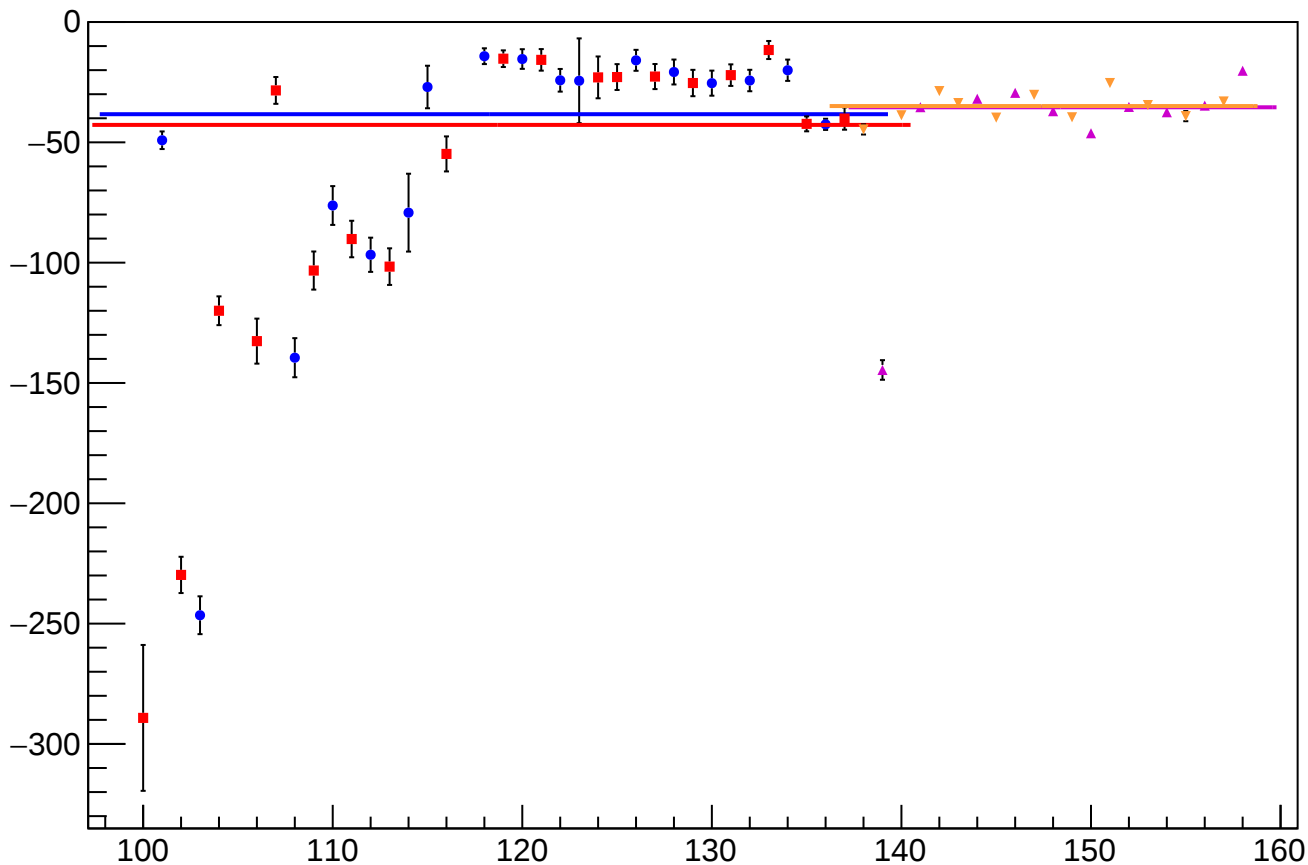
Left In: -41.612 $\pm$ 0.752 χ^2 /NDF: 314.6/9

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

All: -44.976 $\pm$ 0.530 χ^2 /NDF: 596.4/20

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

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -34.922 ± 0.524 $\chi^2/\text{NDF}: 104.3/10$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

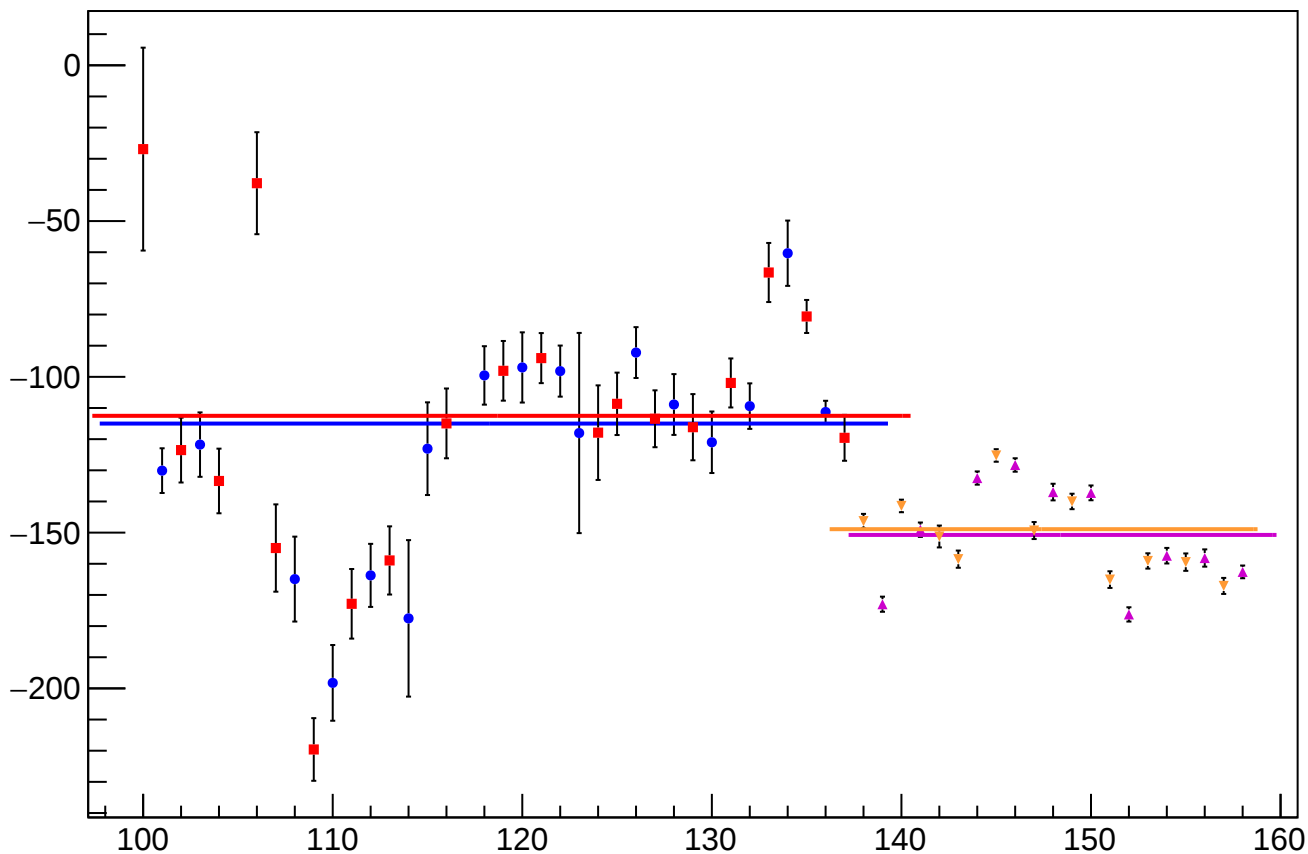
Left In: -35.436 ± 0.524 $\chi^2/\text{NDF}: 886.6/9$

+ sign -35.516 ± 0.476 $\chi^2/\text{NDF}: 1244.3/27$

All: -36.049 ± 0.338 $\chi^2/\text{NDF}: 3505.7/56$

- sign -36.593 ± 0.481 $\chi^2/\text{NDF}: 2259.0/28$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -148.895 ± 0.752 $\chi^2/\text{NDF}: 296.2/10$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

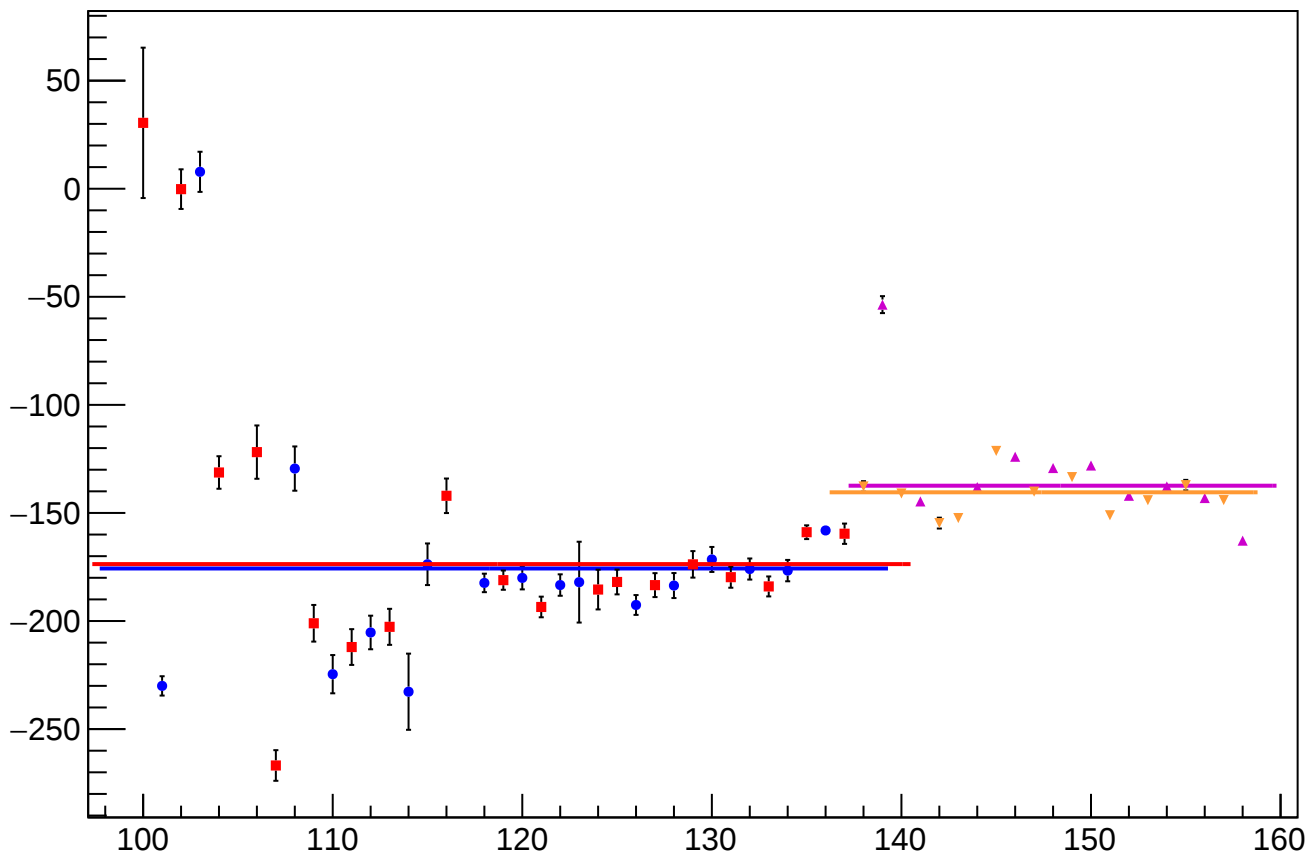
Left In: -150.739 ± 0.739 $\chi^2/\text{NDF}: 497.1/9$

+ sign -144.952 ± 0.707 $\chi^2/\text{NDF}: 674.5/27$

All: -145.927 ± 0.498 $\chi^2/\text{NDF}: 1718.4/56$

- sign -146.885 ± 0.701 $\chi^2/\text{NDF}: 1040.1/28$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 $\chi^2/\text{NDF}: 692.9/16$

Left Out: -140.453 ± 0.634 $\chi^2/\text{NDF}: 226.7/10$

Right Out: -173.666 ± 1.356 $\chi^2/\text{NDF}: 737.7/18$

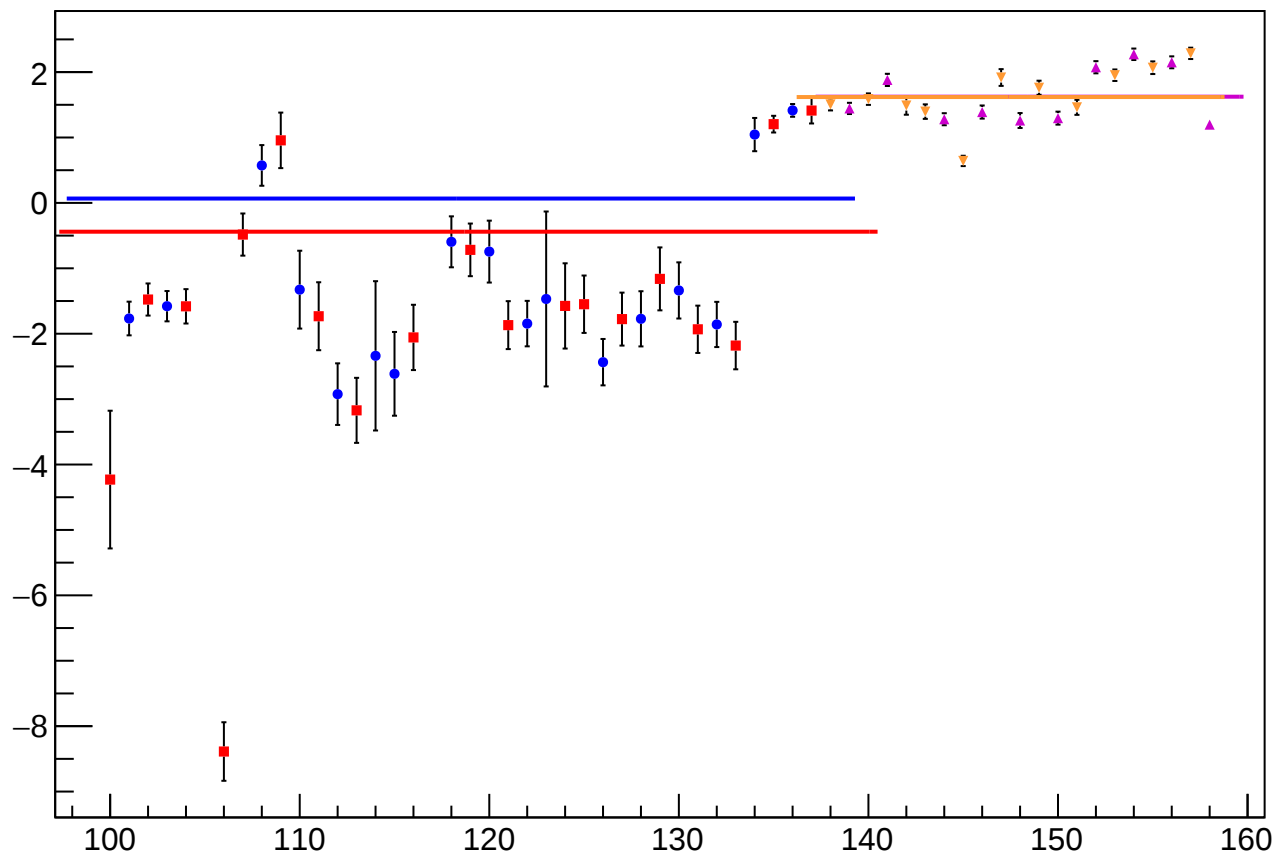
Left In: -137.397 ± 0.623 $\chi^2/\text{NDF}: 833.7/9$

+ sign -147.512 ± 0.567 $\chi^2/\text{NDF}: 1537.8/27$

All: -145.614 ± 0.401 $\chi^2/\text{NDF}: 3722.4/56$

- sign -143.723 ± 0.566 $\chi^2/\text{NDF}: 2162.2/28$

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.619 ± 0.030 χ^2/NDF : 263.0/10

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

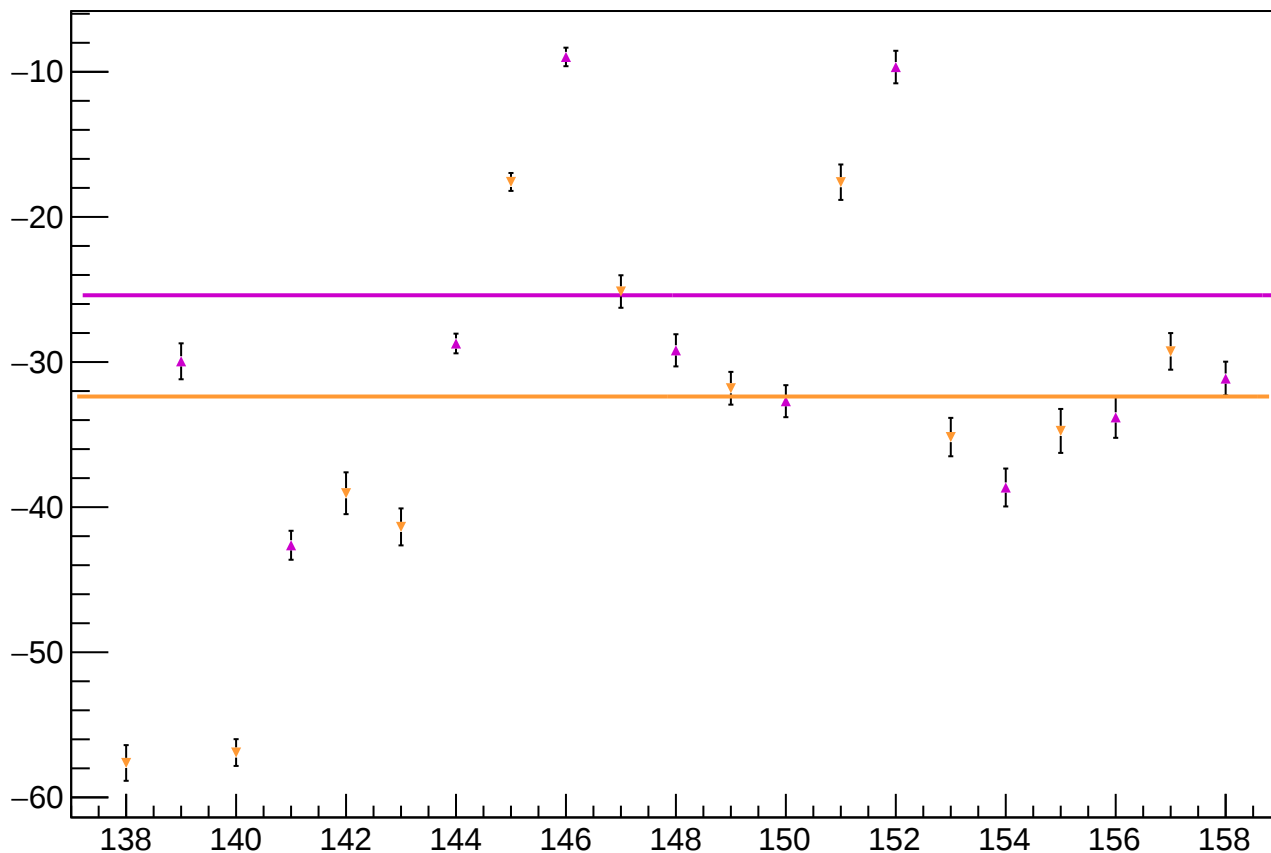
Left In: 1.624 ± 0.029 χ^2/NDF : 197.4/9

+ sign 1.363 ± 0.027 χ^2/NDF : 1237.5/27

All: 1.347 ± 0.019 χ^2/NDF : 2913.7/56

- sign 1.331 ± 0.027 χ^2/NDF : 1675.5/28

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.375+/-0.325 χ^2/NDF :1975.5/10

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

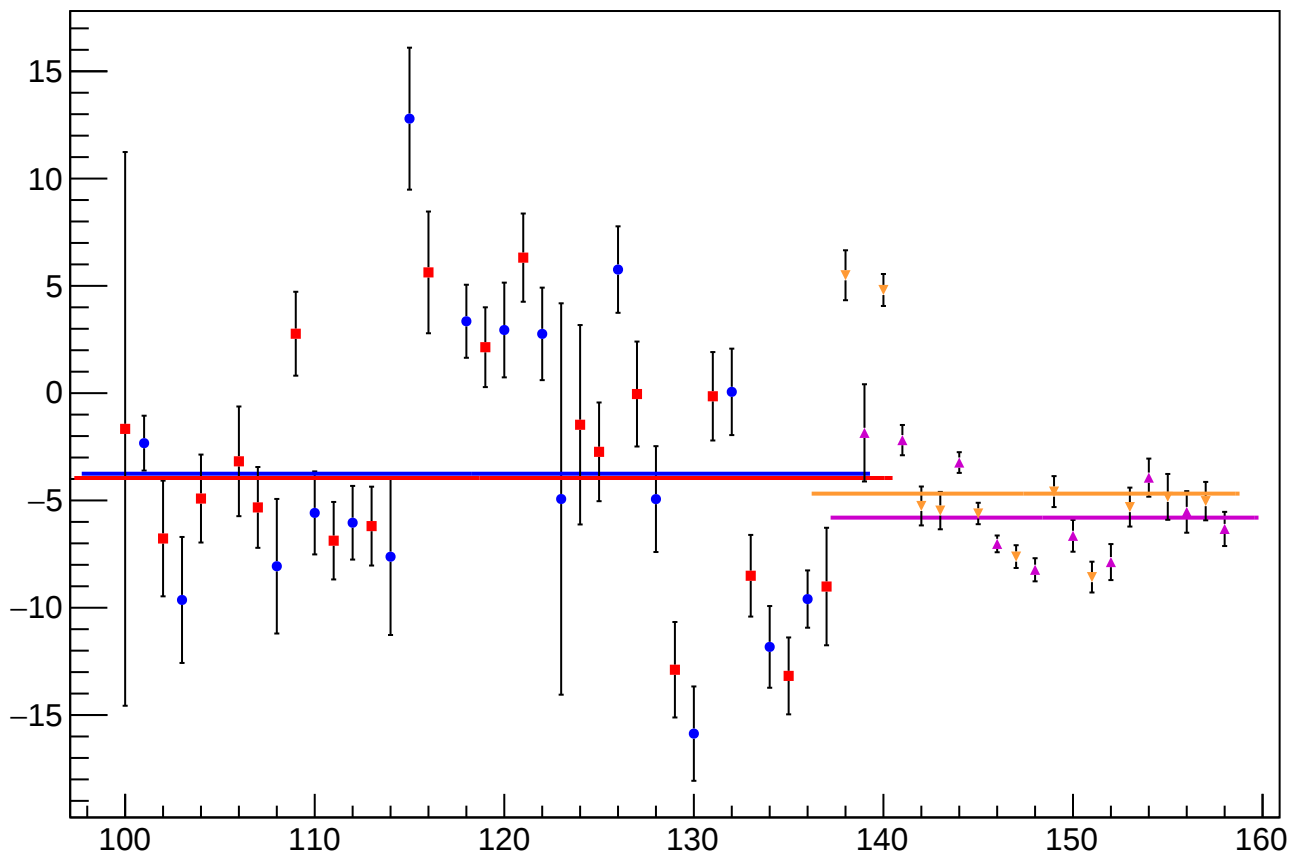
Left In: -25.398+/-0.308 χ^2/NDF :1411.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.696+/-0.224 χ^2/NDF : 3630.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -4.682 ± 0.224 $\chi^2/\text{NDF}: 303.9/10$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

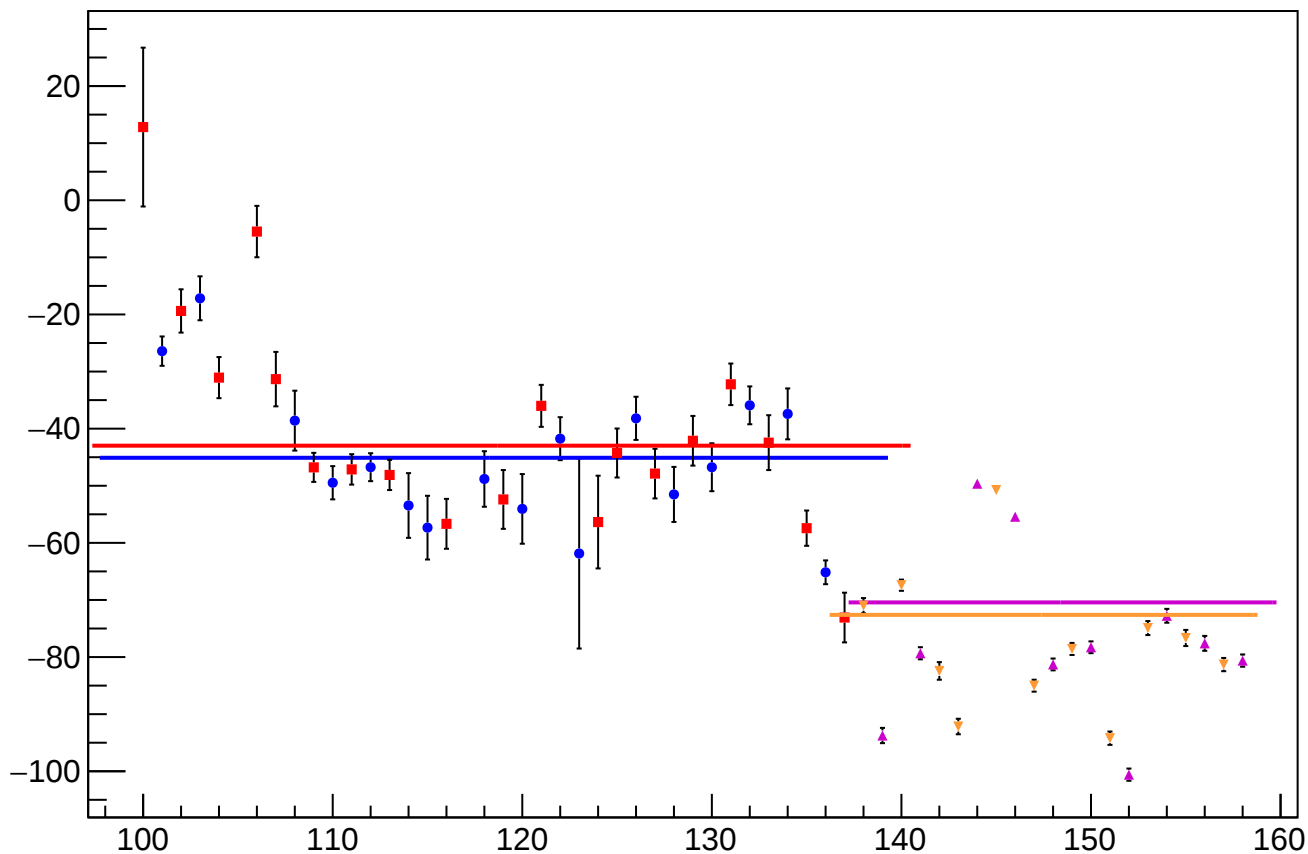
Left In: -5.801 ± 0.206 $\chi^2/\text{NDF}: 100.0/9$

+ sign -4.524 ± 0.204 $\chi^2/\text{NDF}: 472.1/27$

All: -5.068 ± 0.139 $\chi^2/\text{NDF}: 720.0/56$

- sign -5.540 ± 0.191 $\chi^2/\text{NDF}: 234.7/28$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -72.614 ± 0.327 χ^2/NDF : 1970.8/10

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

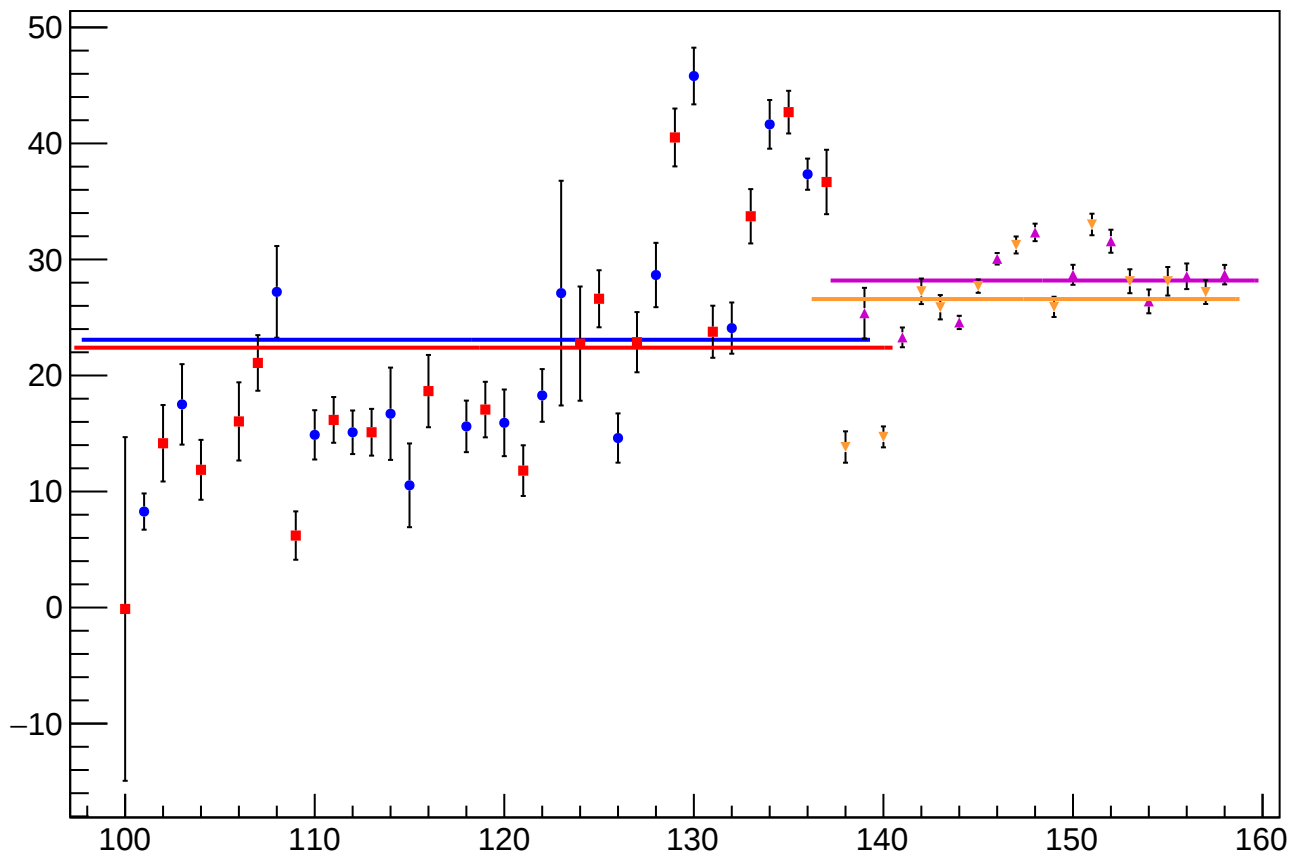
Left In: -70.428 ± 0.303 χ^2/NDF : 2873.0/9

+ sign -69.277 ± 0.307 χ^2/NDF : 3058.0/27

All: -68.327 ± 0.209 χ^2/NDF : 7072.1/56

- sign -67.496 ± 0.287 χ^2/NDF : 3996.2/28

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2 /NDF: 461.1/16

Left Out: 26.589+/-0.273 χ^2 /NDF: 359.9/10

Right Out: 22.397+/-0.572 χ^2 /NDF: 370.3/18

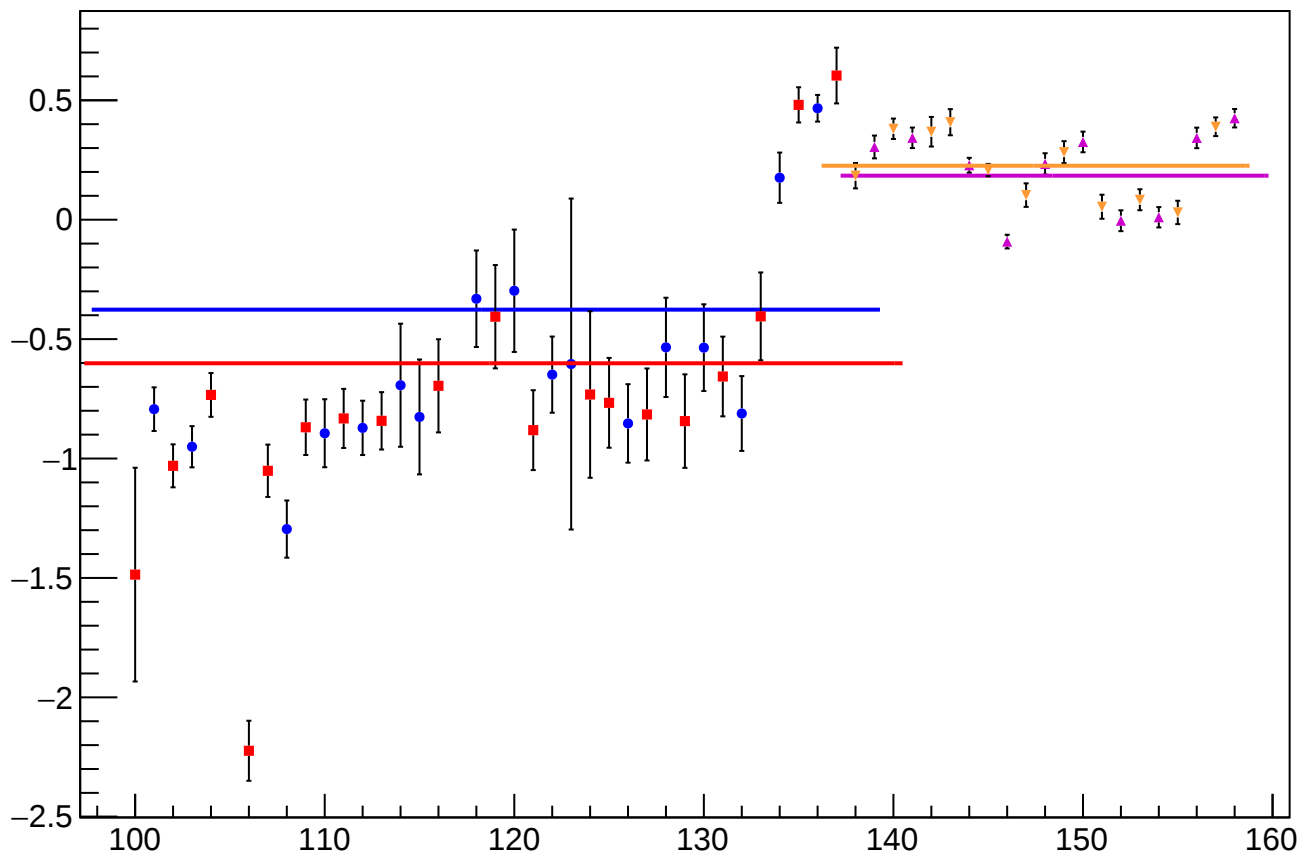
Left In: 28.186+/-0.250 χ^2 /NDF: 134.5/9

+ sign 25.906+/-0.245 χ^2 /NDF: 853.2/27

All: 26.629+/-0.167 χ^2 /NDF: 1460.2/56

- sign 27.259+/-0.229 χ^2 /NDF: 590.7/28

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.226 ± 0.013 χ^2/NDF : 93.9/10

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

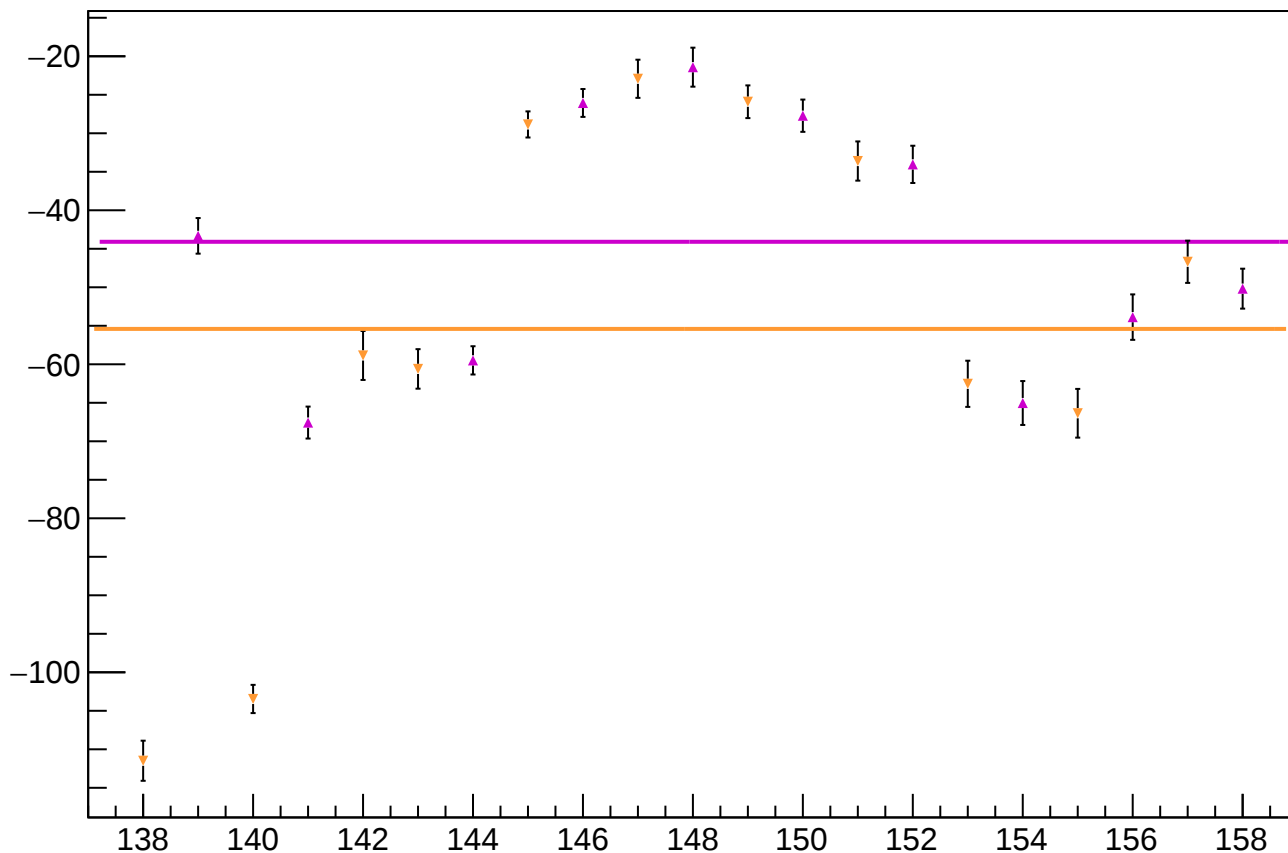
Left In: 0.184 ± 0.012 χ^2/NDF : 214.3/9

+ sign 0.130 ± 0.012 χ^2/NDF : 869.0/27

All: 0.100 ± 0.008 χ^2/NDF : 2232.0/56

- sign 0.072 ± 0.011 χ^2/NDF : 1350.3/28

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -55.406+/-0.720 χ^2/NDF : 1867.9/10

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

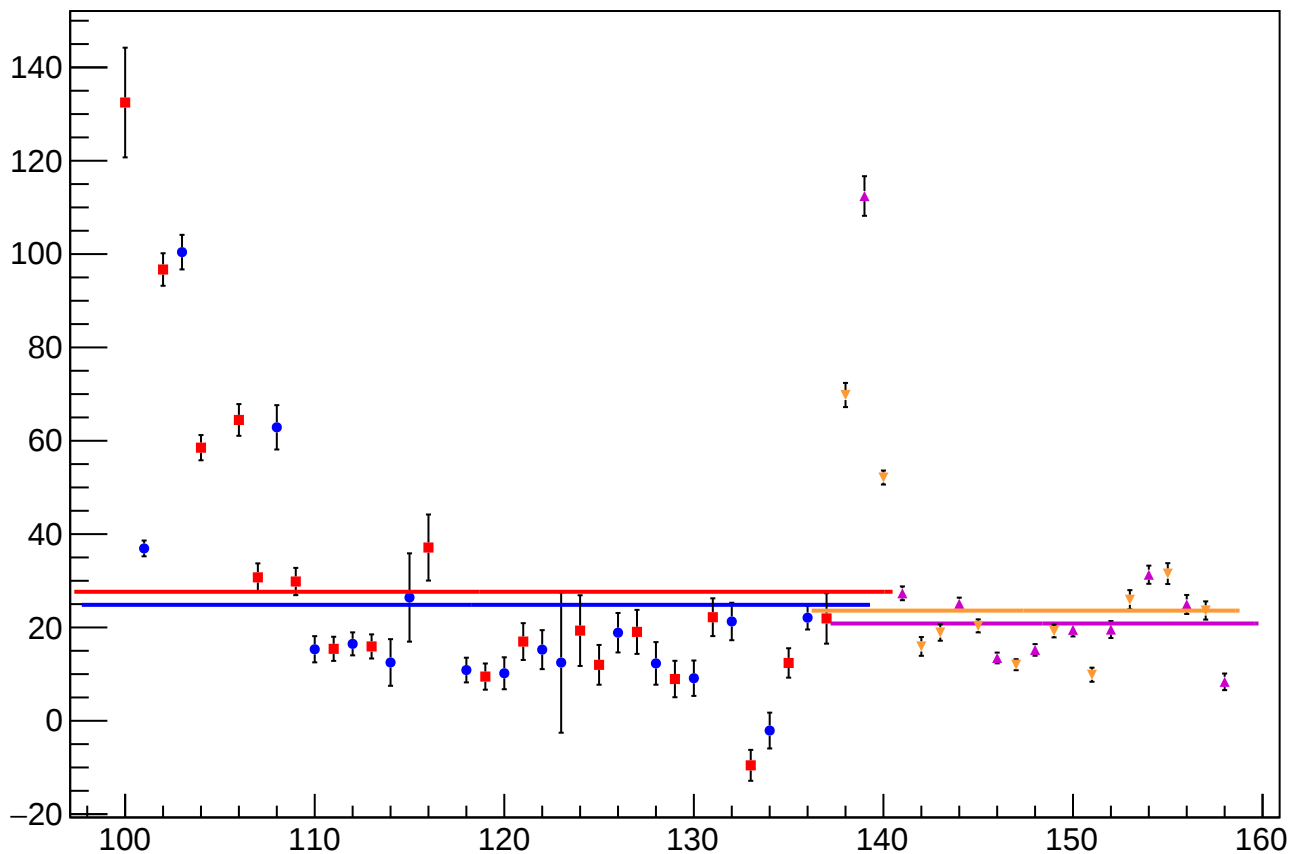
Left In: -44.092+/-0.714 χ^2/NDF : 526.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.697+/-0.507 χ^2/NDF : 2519.2/20

- 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: 23.610 ± 0.496 χ^2/NDF : 908.6/10

Right Out: 27.648 ± 0.810 χ^2/NDF : 1009.2/18

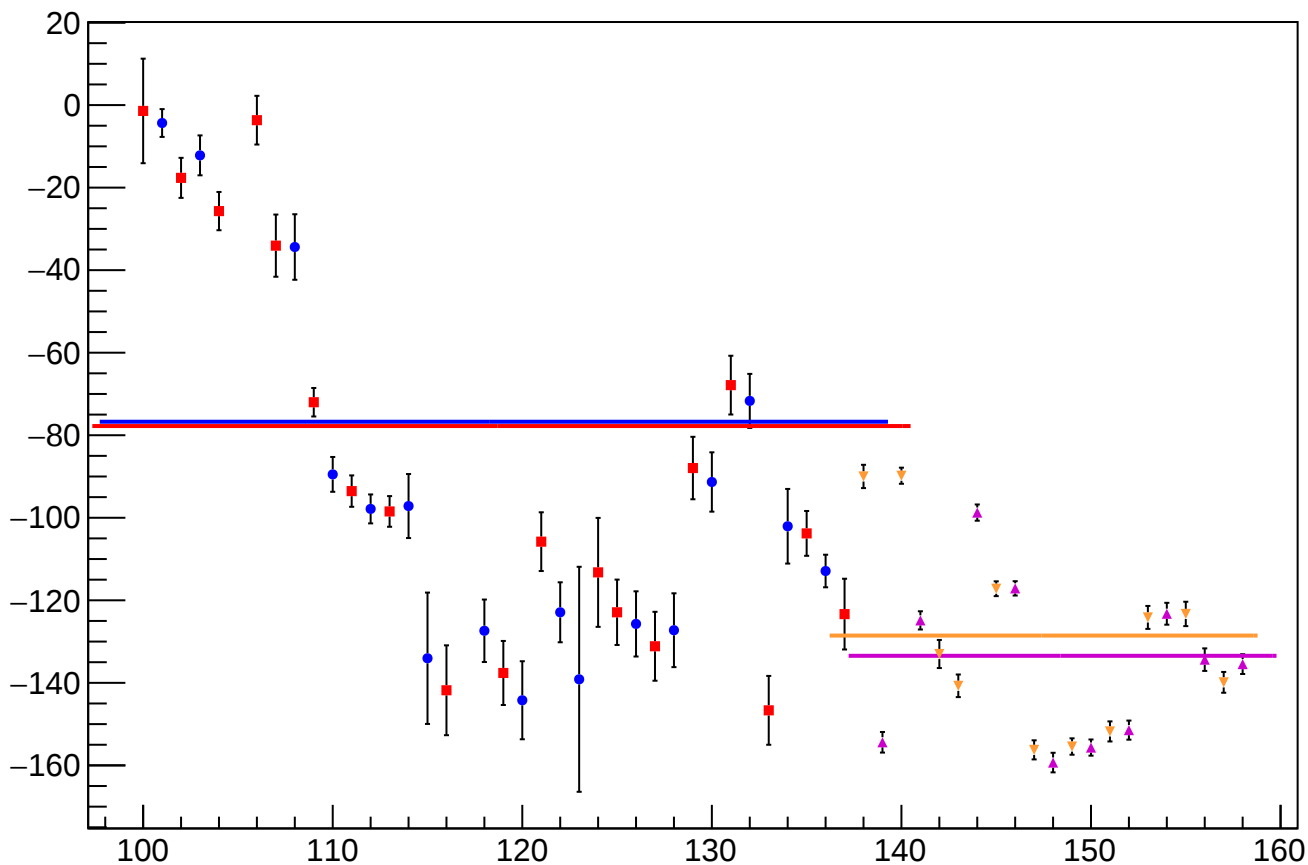
Left In: 20.848 ± 0.493 χ^2/NDF : 641.2/9

+ sign 23.954 ± 0.422 χ^2/NDF : 1601.2/27

All: 23.318 ± 0.298 χ^2/NDF : 3307.5/56

- sign 22.684 ± 0.421 χ^2/NDF : 1701.8/28

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -128.544 ± 0.720 χ^2/NDF : 1085.4/10

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

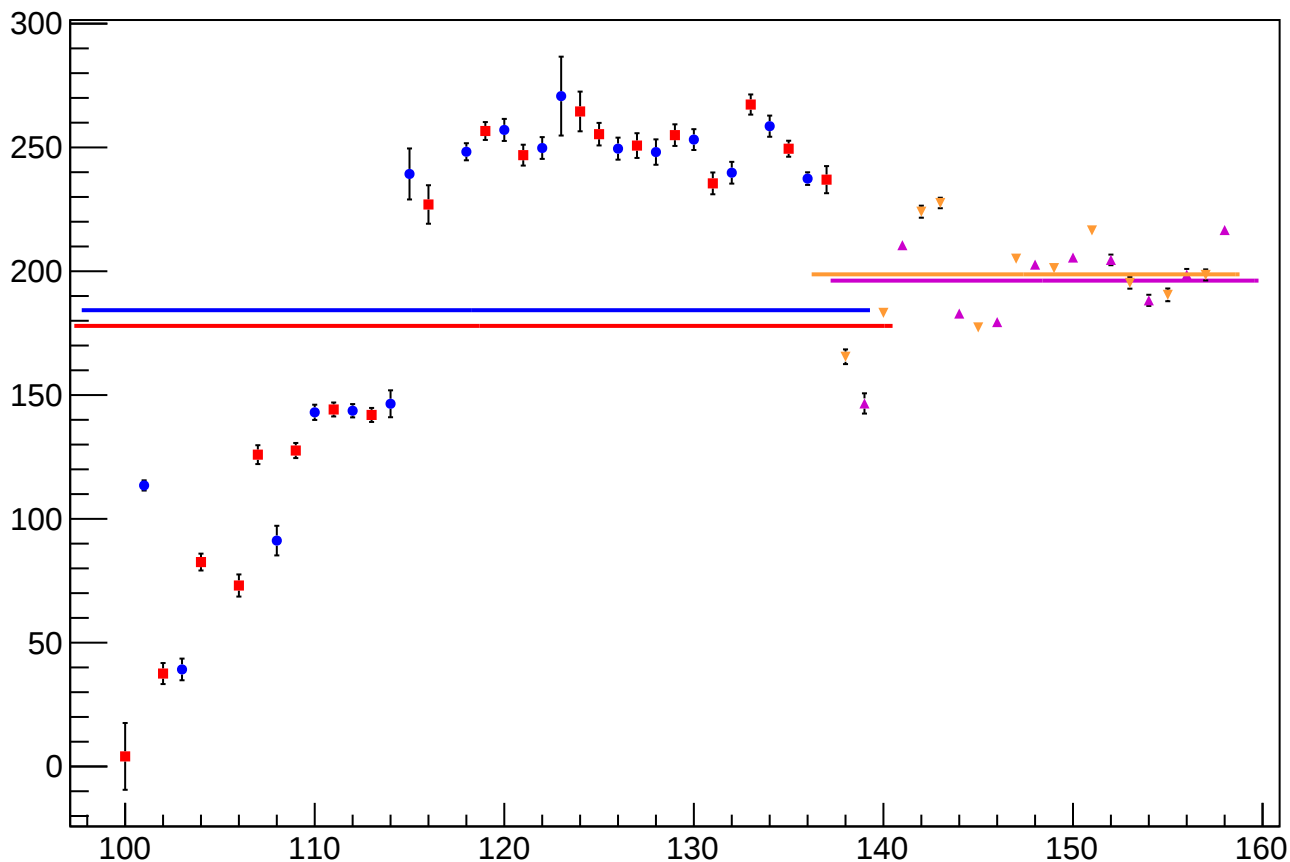
Left In: -133.446 ± 0.702 χ^2/NDF : 809.0/9

+ sign -117.856 ± 0.641 χ^2/NDF : 3196.0/27

All: -119.800 ± 0.447 χ^2/NDF : 6229.9/56

- sign -121.634 ± 0.623 χ^2/NDF : 3016.1/28

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 198.747 $\pm$ 0.604 χ^2 /NDF: 784.0/10

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

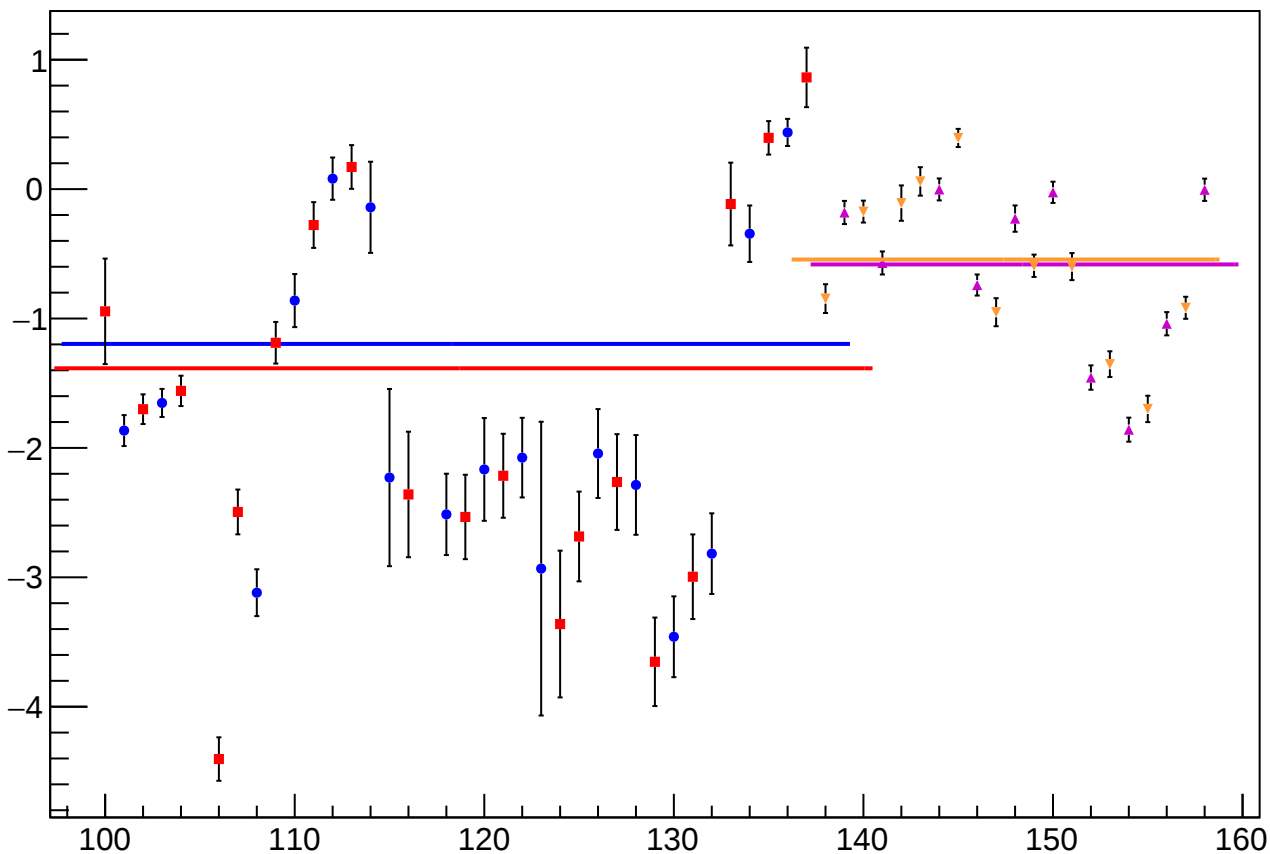
Left In: 196.212 $\pm$ 0.590 χ^2 /NDF: 615.4/9

+ sign 194.350 $\pm$ 0.504 χ^2 /NDF: 6359.8/27

All: 192.610 $\pm$ 0.354 χ^2 /NDF: 13607.7/56

- sign 190.912 $\pm$ 0.497 χ^2 /NDF: 7224.3/28

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 $\pm$ 0.048 χ^2/NDF : 623.1/16

Left Out: -0.544 $\pm$ 0.029 χ^2/NDF : 473.6/10

Right Out: -1.385 $\pm$ 0.046 χ^2/NDF : 924.4/18

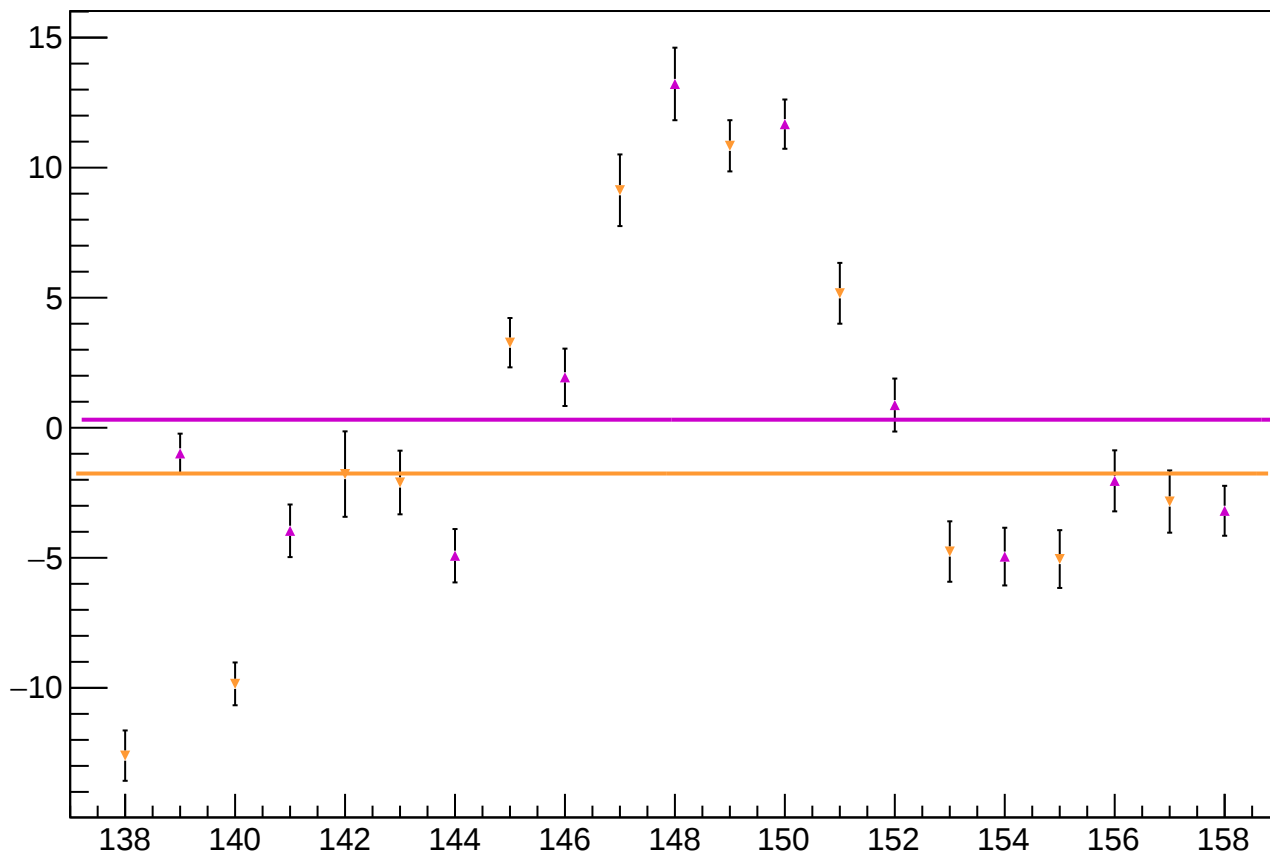
Left In: -0.582 $\pm$ 0.028 χ^2/NDF : 475.3/9

+ sign -0.716 $\pm$ 0.025 χ^2/NDF : 1232.1/27

All: -0.760 $\pm$ 0.017 χ^2/NDF : 2861.6/56

- sign -0.801 $\pm$ 0.024 χ^2/NDF : 1623.4/28

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -1.759 $\pm$ 0.329 χ^2 /NDF:528.2/10

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

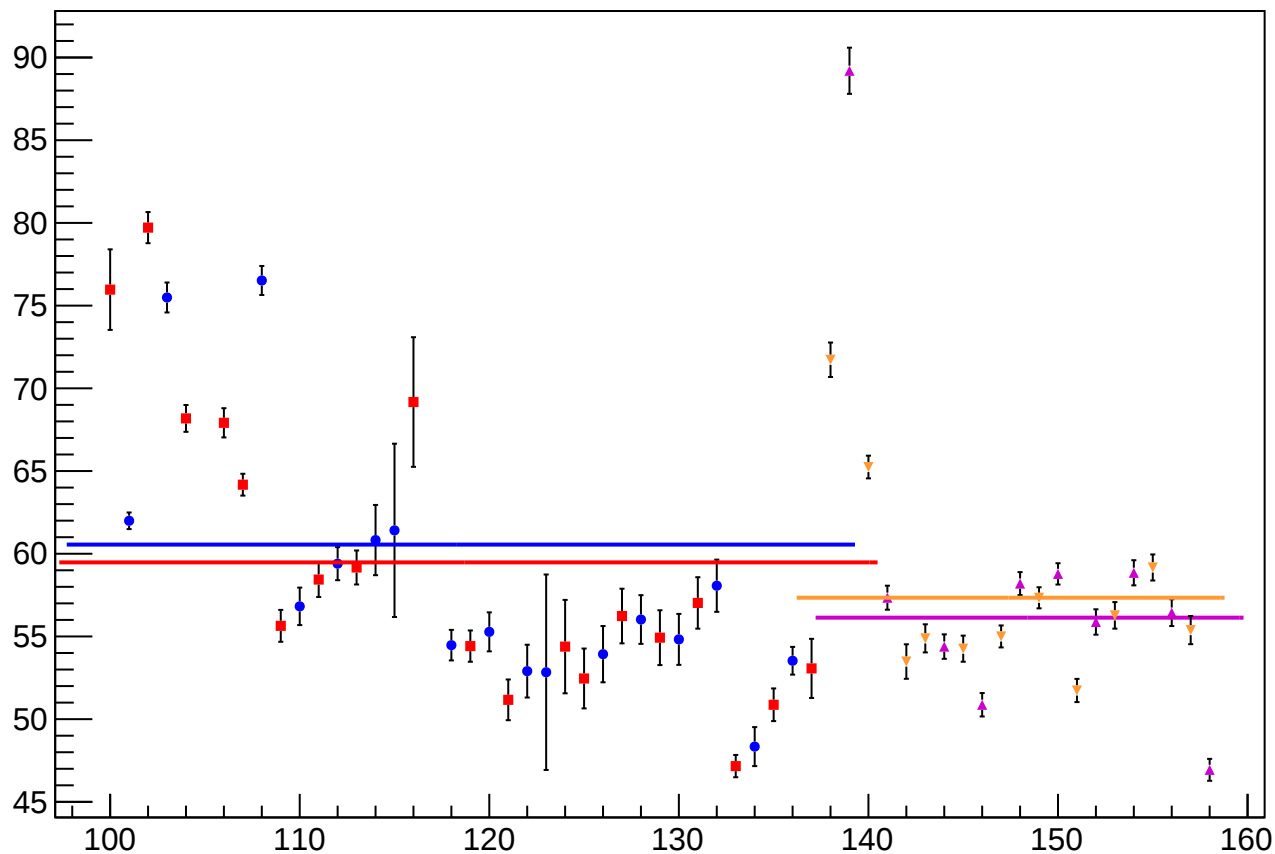
Left In: 0.310 $\pm$ 0.321 χ^2 /NDF:318.6/9

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

All: -0.699 $\pm$ 0.230 χ^2 /NDF: 867.0/20

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

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 ± 0.262 $\chi^2/\text{NDF}: 930.8/16$

Left Out: 57.342 ± 0.234 $\chi^2/\text{NDF}: 449.5/10$

Right Out: 59.477 ± 0.248 $\chi^2/\text{NDF}: 1317.0/18$

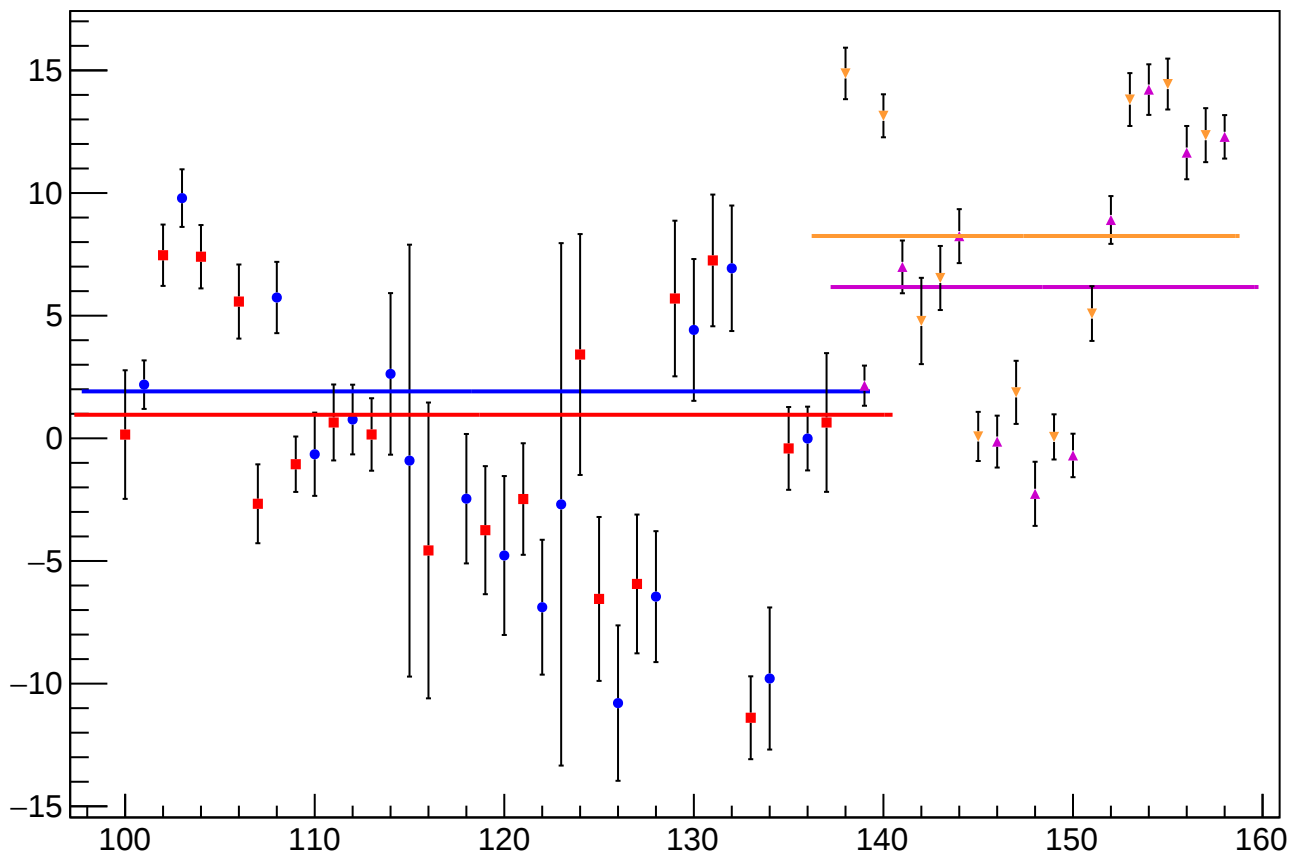
Left In: 56.135 ± 0.236 $\chi^2/\text{NDF}: 855.8/9$

+ sign 58.770 ± 0.174 $\chi^2/\text{NDF}: 1464.0/27$

All: 58.237 ± 0.122 $\chi^2/\text{NDF}: 3750.5/56$

- sign 57.724 ± 0.171 $\chi^2/\text{NDF}: 2268.2/28$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 8.249 ± 0.328 χ^2/NDF : 331.2/10

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

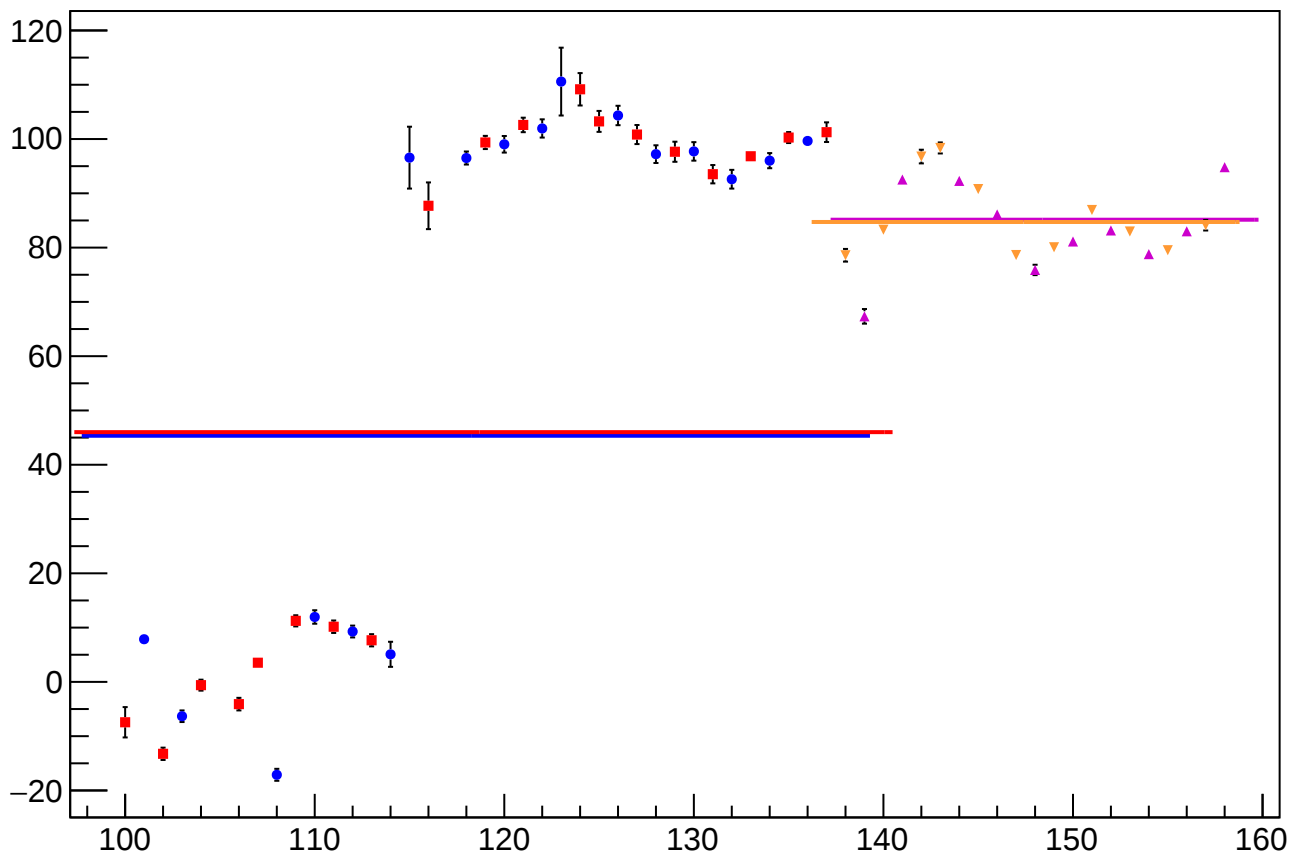
Left In: 6.168 ± 0.315 χ^2/NDF : 307.3/9

+ sign 6.103 ± 0.266 χ^2/NDF : 579.4/27

All: 5.163 ± 0.184 χ^2/NDF : 1157.0/56

- sign 4.314 ± 0.253 χ^2/NDF : 553.8/28

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 84.721 $\pm$ 0.281 χ^2 /NDF: 472.1/10

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

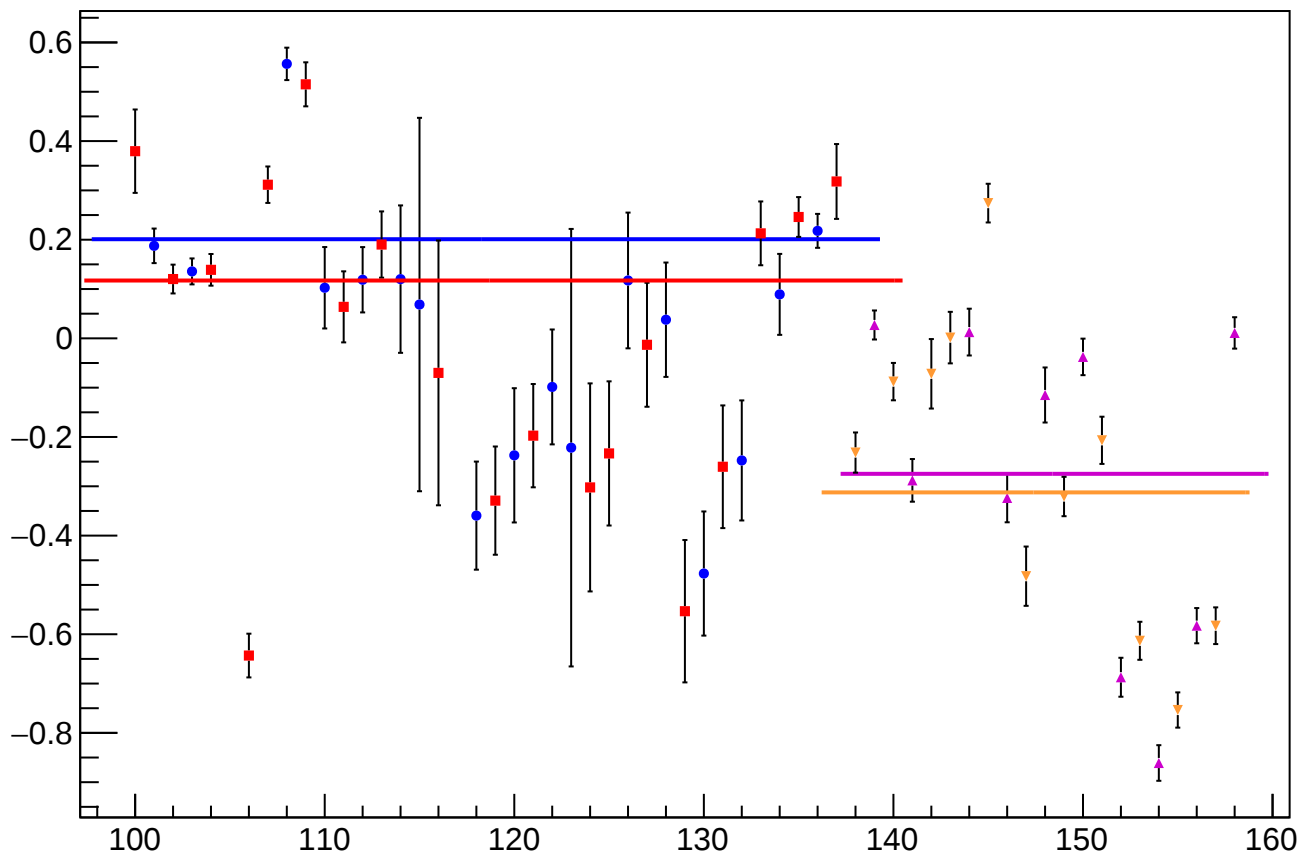
Left In: 85.137 $\pm$ 0.276 χ^2 /NDF: 692.6/9

+ sign 66.540 $\pm$ 0.206 χ^2 /NDF: 34619.9/27

All: 66.527 $\pm$ 0.143 χ^2 /NDF: 73109.3/56

- sign 66.514 $\pm$ 0.200 χ^2 /NDF: 38489.4/28

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.312 ± 0.013 χ^2/NDF : 589.3/10

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

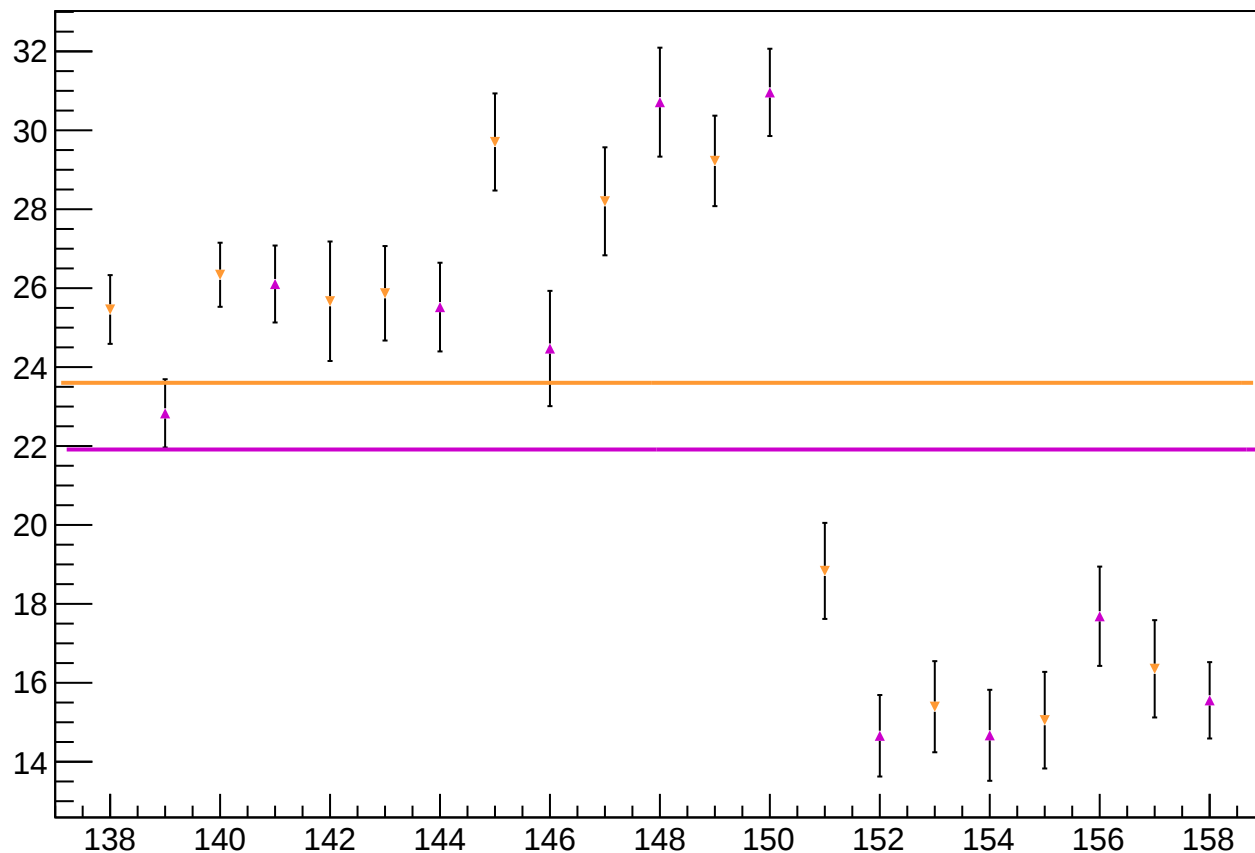
Left In: -0.275 ± 0.012 χ^2/NDF : 719.7/9

+ sign -0.078 ± 0.009 χ^2/NDF : 1533.9/27

All: -0.085 ± 0.006 χ^2/NDF : 3239.5/56

- sign -0.092 ± 0.009 χ^2/NDF : 1704.4/28

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 23.602+/-0.340 χ^2/NDF : 230.5/10

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

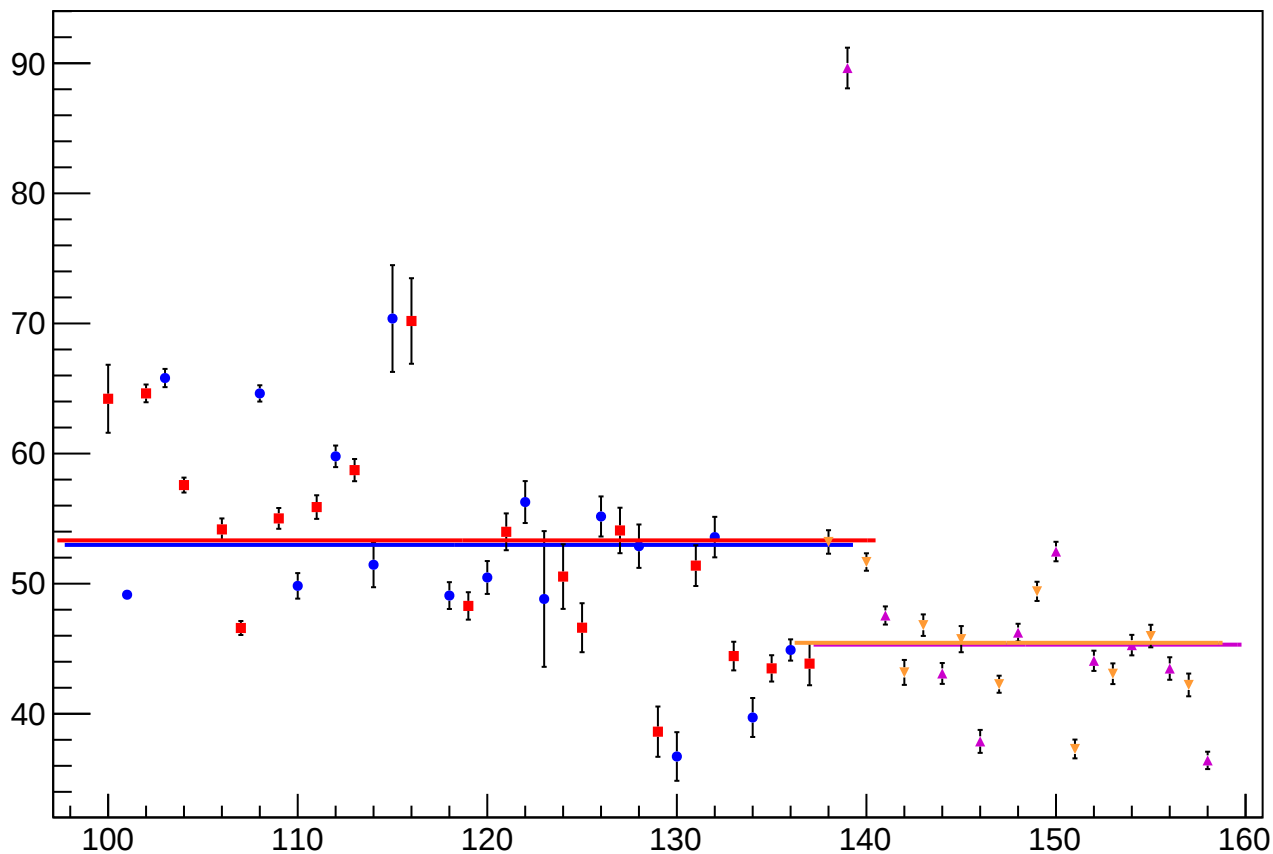
Left In: 21.912+/-0.345 χ^2/NDF : 283.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.771+/-0.242 χ^2/NDF : 526.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

Left Out: 45.455 $\pm$ 0.240 χ^2 /NDF: 371.1/10

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

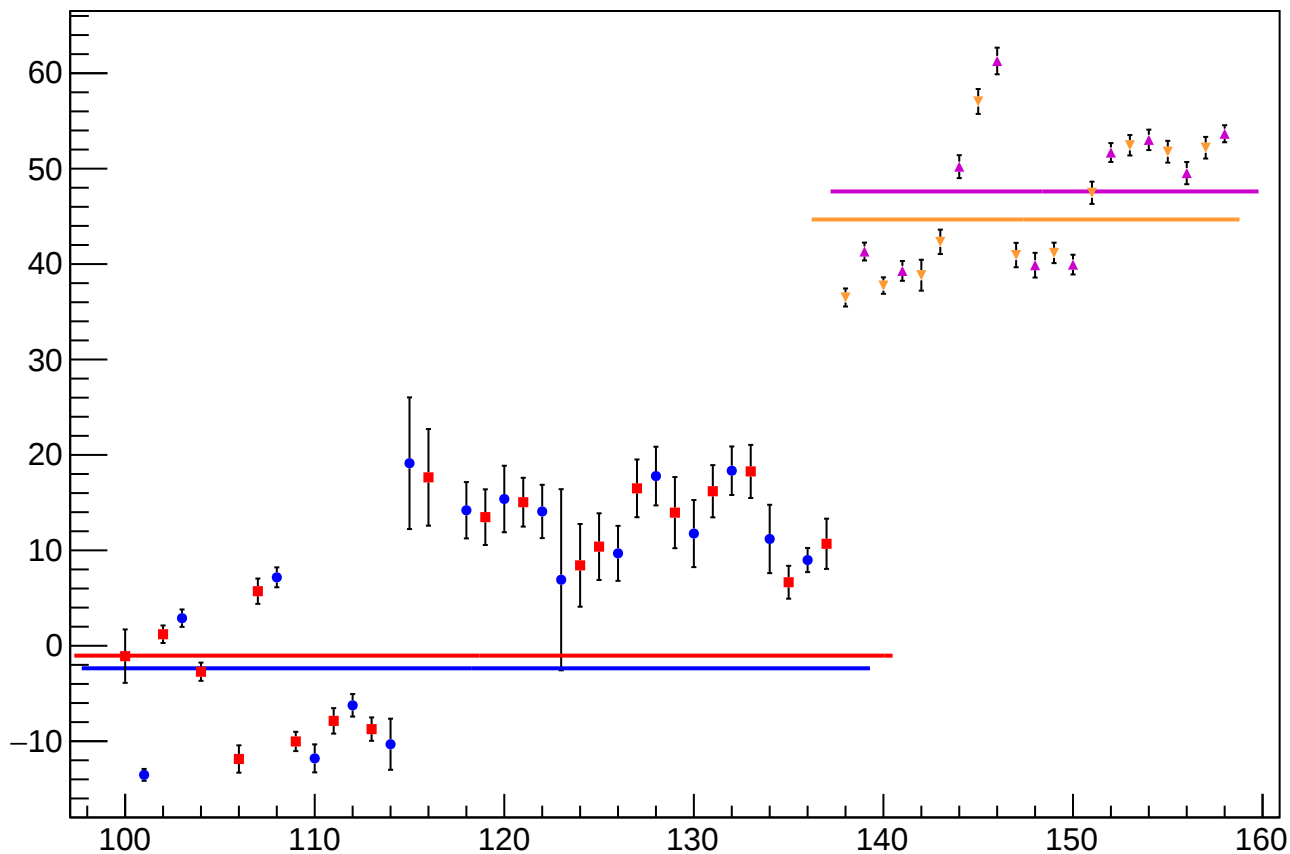
Left In: 45.313 $\pm$ 0.249 χ^2 /NDF: 1170.9/9

+ sign 49.722 $\pm$ 0.158 χ^2 /NDF: 2124.3/27

All: 49.711 $\pm$ 0.115 χ^2 /NDF: 4733.9/56

- sign 49.698 $\pm$ 0.168 χ^2 /NDF: 2609.6/28

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 44.672 ± 0.340 χ^2/NDF : 405.4/10

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

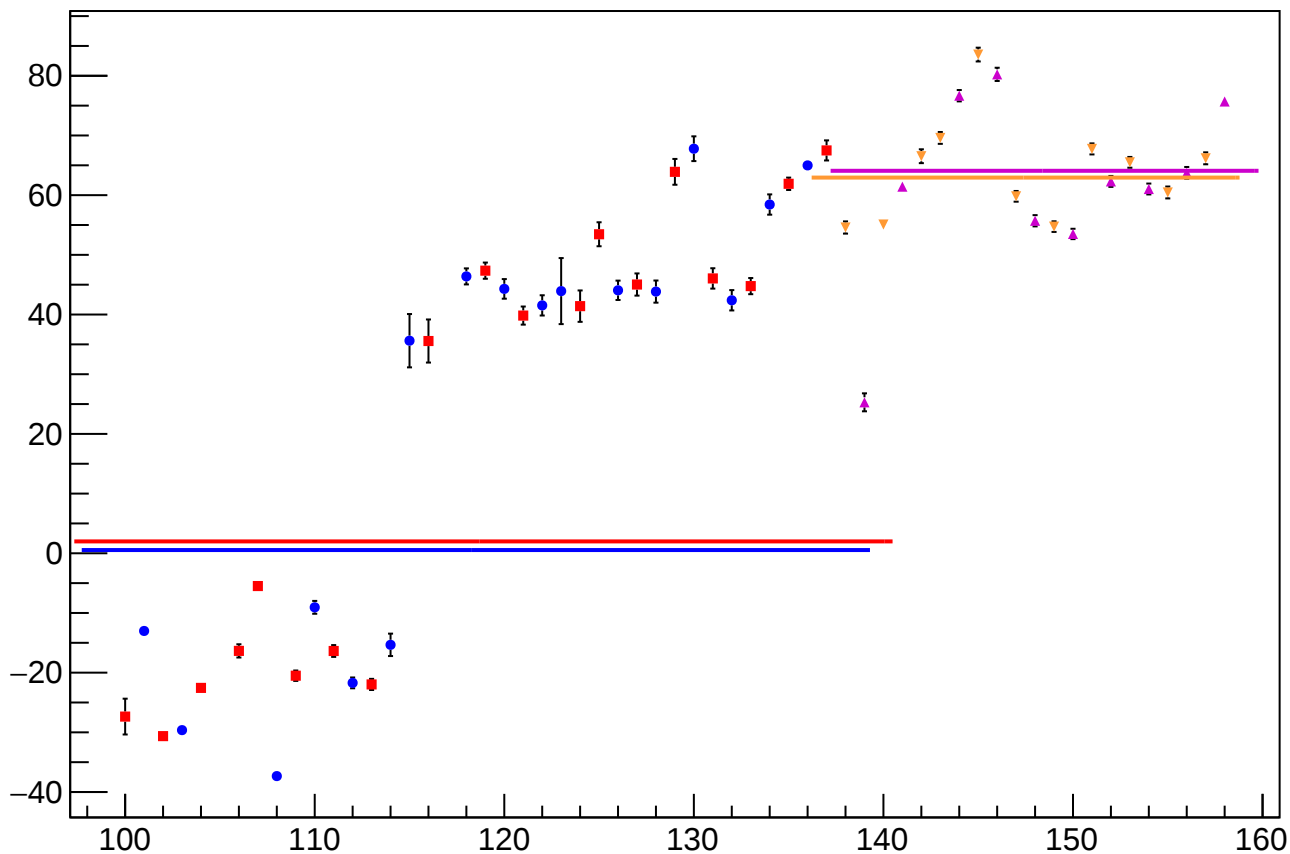
Left In: 47.609 ± 0.339 χ^2/NDF : 392.1/9

+ sign 22.775 ± 0.248 χ^2/NDF : 10178.1/27

All: 24.286 ± 0.177 χ^2/NDF : 20357.0/56

- sign 25.844 ± 0.252 χ^2/NDF : 10103.7/28

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 62.945 ± 0.290 χ^2/NDF : 682.7/10

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

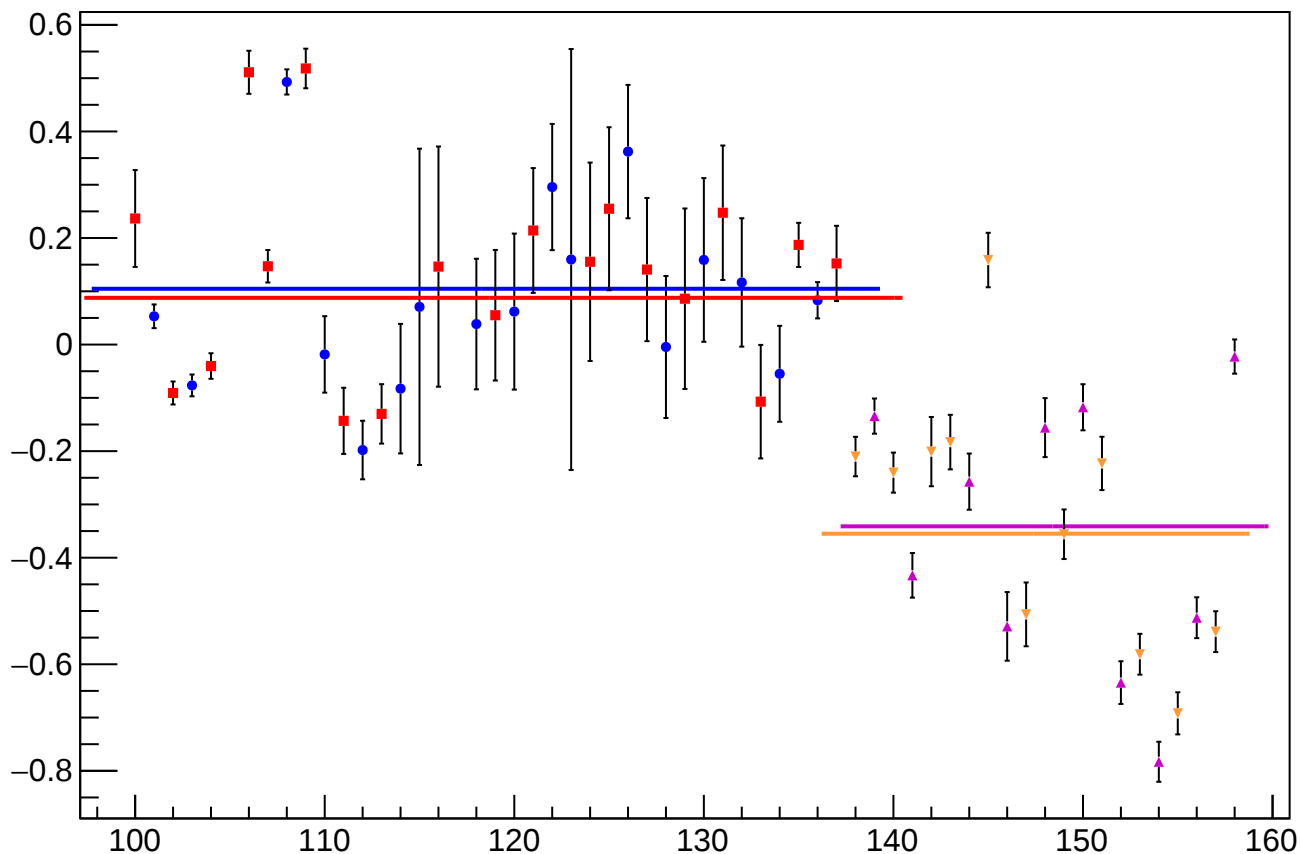
Left In: 64.082 ± 0.292 χ^2/NDF : 1577.0/9

+ sign 26.742 ± 0.188 χ^2/NDF : 45970.0/27

All: 28.370 ± 0.136 χ^2/NDF : 87806.6/56

- sign 30.160 ± 0.197 χ^2/NDF : 41678.9/28

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.355 ± 0.013 χ^2/NDF : 286.5/10

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

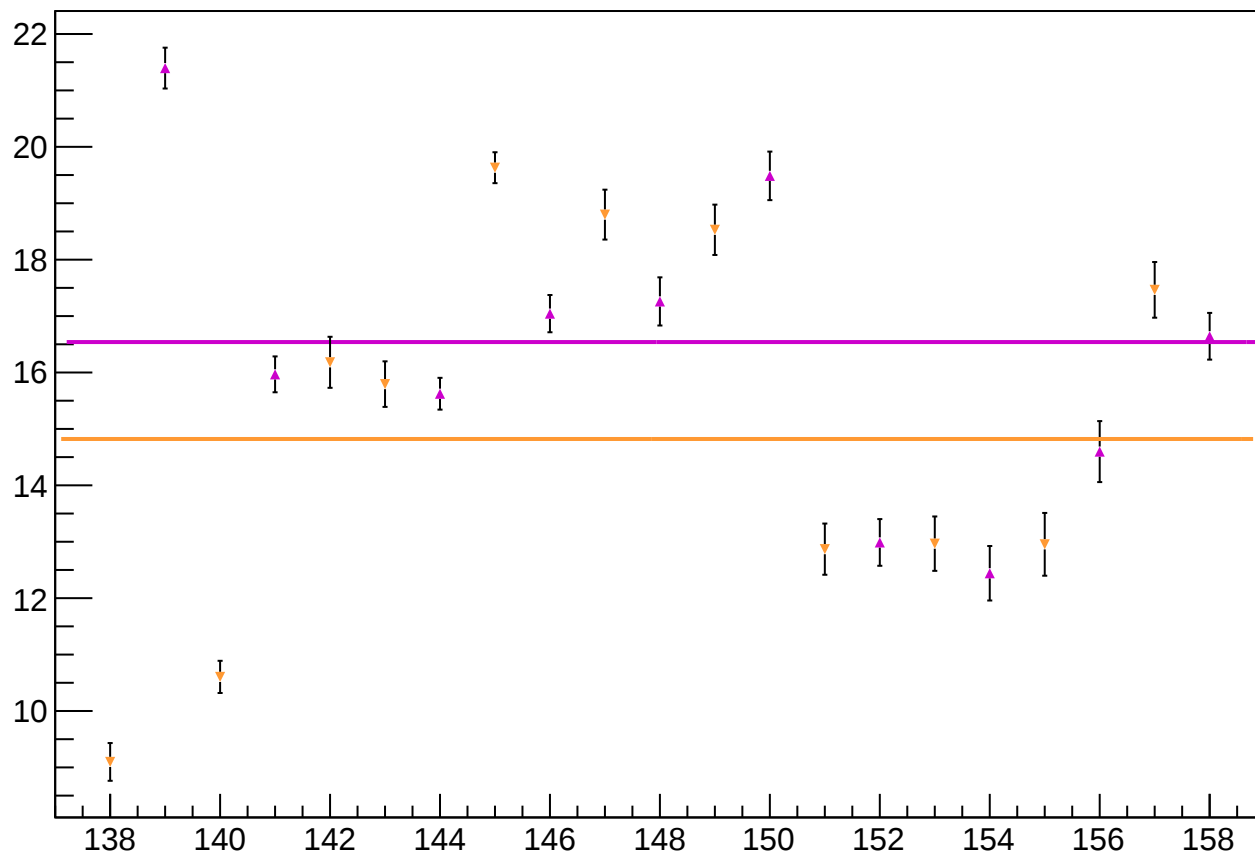
Left In: -0.341 ± 0.013 χ^2/NDF : 403.3/9

+ sign -0.081 ± 0.009 χ^2/NDF : 1389.7/27

All: -0.086 ± 0.006 χ^2/NDF : 2819.6/56

- sign -0.091 ± 0.008 χ^2/NDF : 1429.2/28

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.822+/-0.118 χ^2/NDF :1057.0/10

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

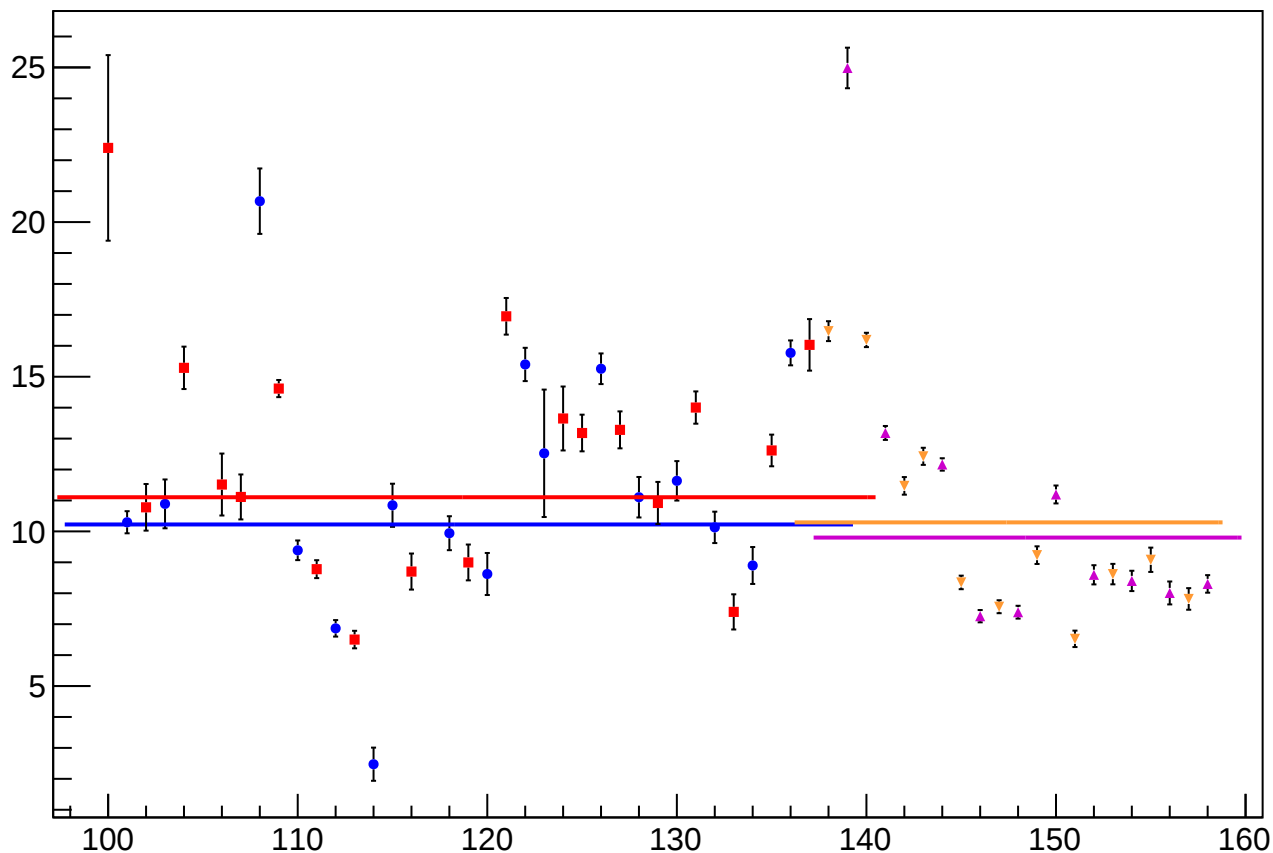
Left In: 16.540+/-0.120 χ^2/NDF :404.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.665+/-0.084 χ^2/NDF : 1565.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 10.291 $\pm$ 0.082 χ^2 /NDF:1643.6/10

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

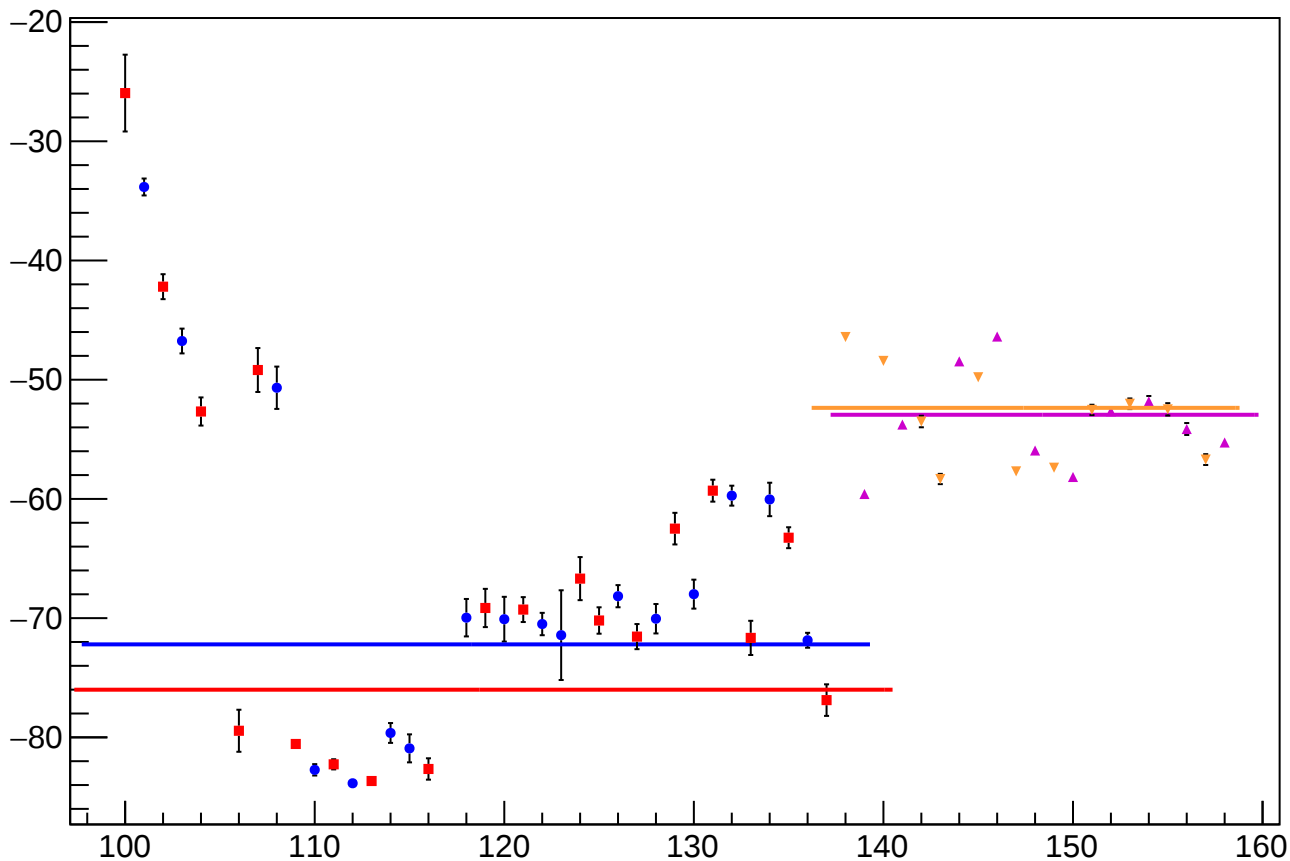
Left In: 9.800 $\pm$ 0.083 χ^2 /NDF:1305.9/9

+ sign 10.269 $\pm$ 0.068 χ^2 /NDF: 2521.4/27

All: 10.253 $\pm$ 0.048 χ^2 /NDF: 4728.2/56

- sign 10.237 $\pm$ 0.067 χ^2 /NDF: 2206.6/28

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -52.361 ± 0.119 χ^2/NDF : 1114.4/10

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

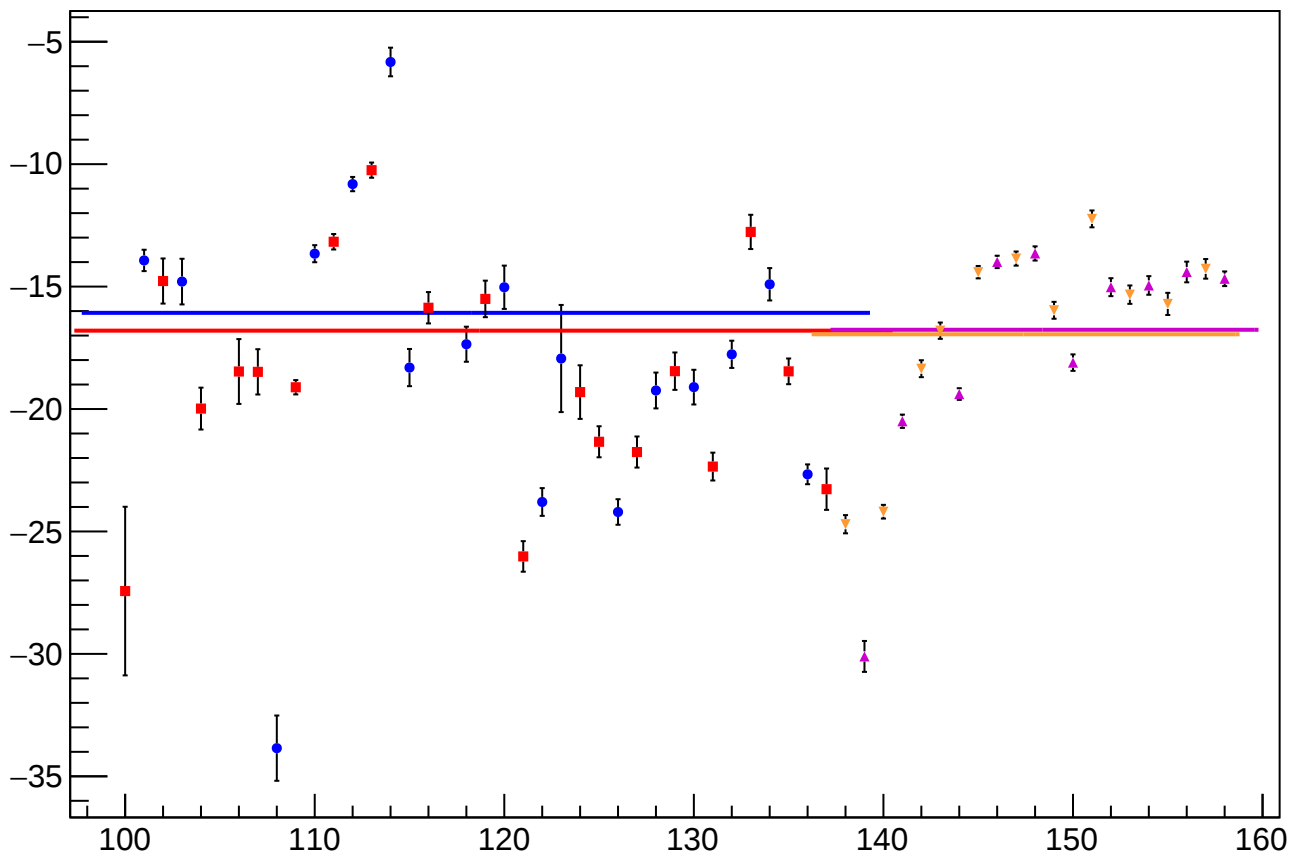
Left In: -52.941 ± 0.119 χ^2/NDF : 1217.3/9

+ sign -57.658 ± 0.102 χ^2/NDF : 14064.0/27

All: -58.806 ± 0.071 χ^2/NDF : 30342.4/56

- sign -59.891 ± 0.099 χ^2/NDF : 16032.9/28

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -16.948 ± 0.100 $\chi^2/\text{NDF}: 1601.2/10$

Right Out: -16.799 ± 0.128 $\chi^2/\text{NDF}: 1215.8/18$

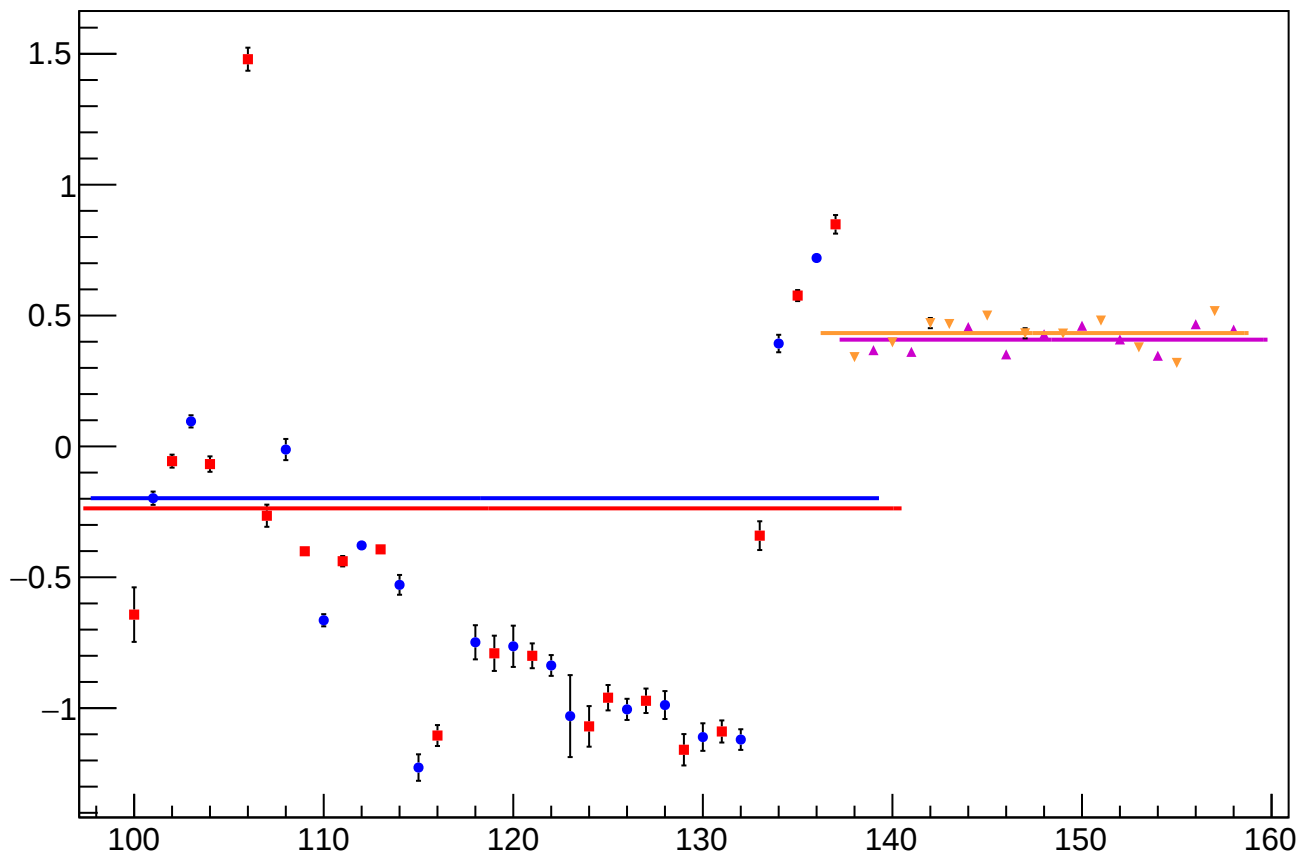
Left In: -16.763 ± 0.099 $\chi^2/\text{NDF}: 1132.0/9$

+ sign -16.629 ± 0.080 $\chi^2/\text{NDF}: 3270.1/27$

All: -16.704 ± 0.056 $\chi^2/\text{NDF}: 5619.6/56$

- sign -16.777 ± 0.079 $\chi^2/\text{NDF}: 2347.8/28$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.433 ± 0.005 χ^2/NDF : 177.8/10

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

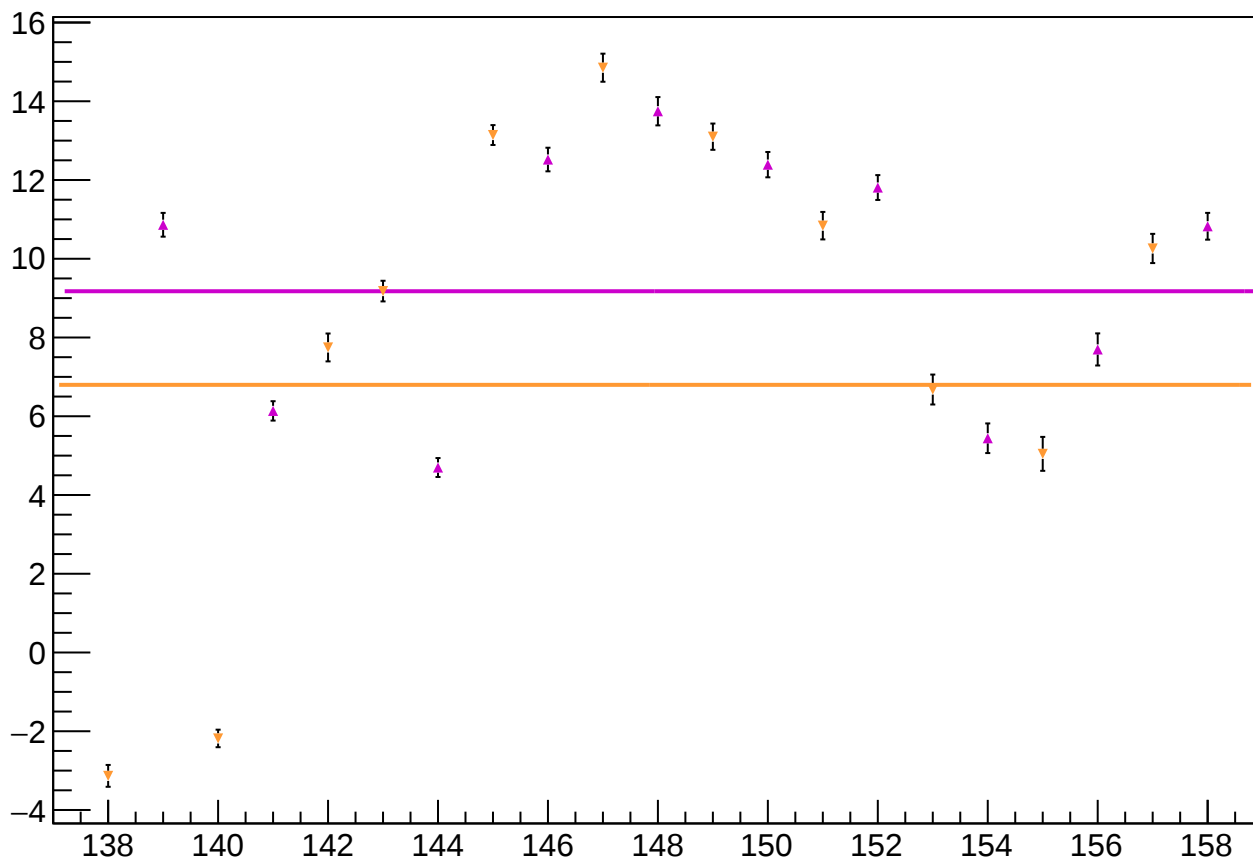
Left In: 0.408 ± 0.005 χ^2/NDF : 95.3/9

+ sign 0.252 ± 0.004 χ^2/NDF : 11519.5/27

All: 0.232 ± 0.003 χ^2/NDF : 23520.0/56

- sign 0.213 ± 0.004 χ^2/NDF : 11950.7/28

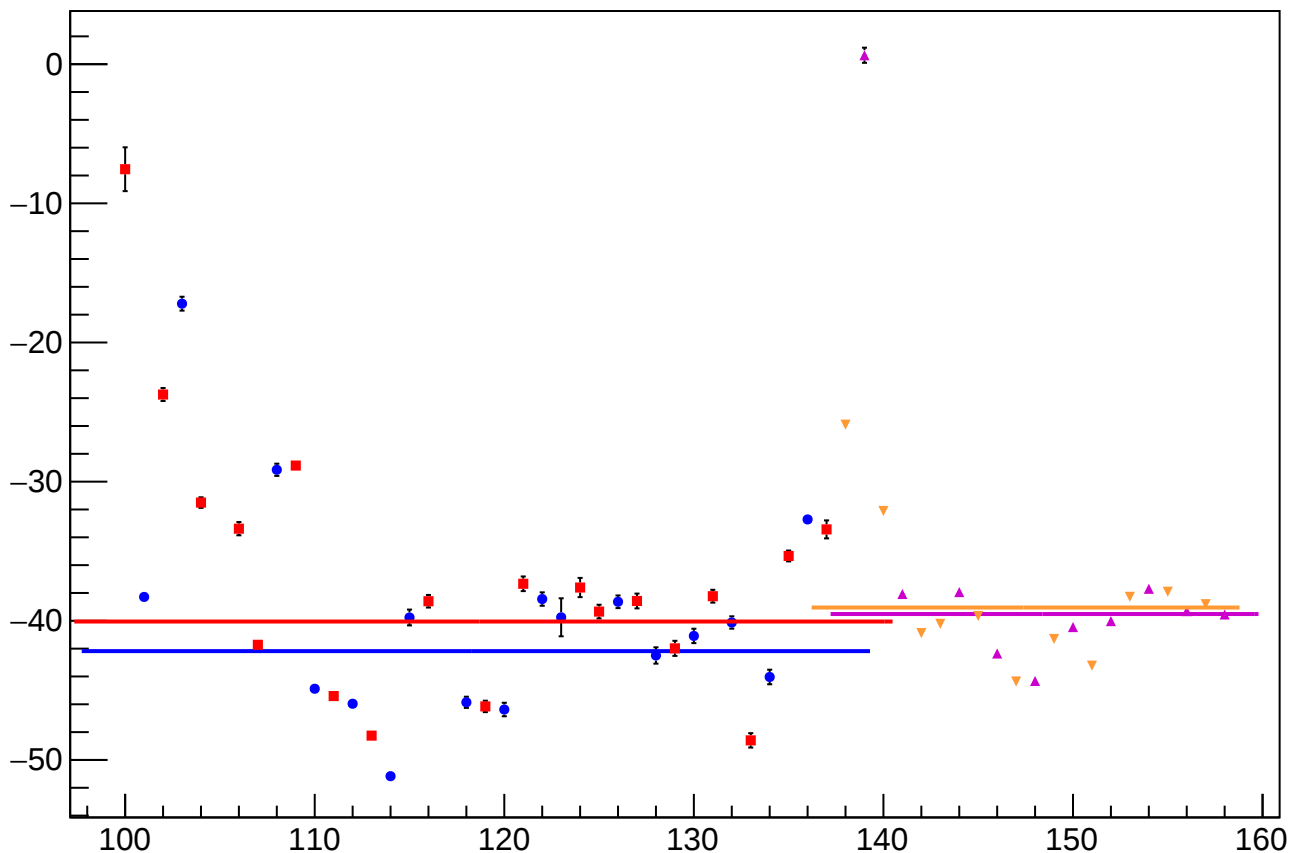
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.798+/-0.093 χ^2/NDF : 4733.4/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.175+/-0.098 χ^2/NDF : 1121.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.927+/-0.067 χ^2/NDF : 6166.3/20
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 ± 0.078 χ^2/NDF : 6573.8/16

Left Out: -39.046 ± 0.065 χ^2/NDF : 5497.4/10

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

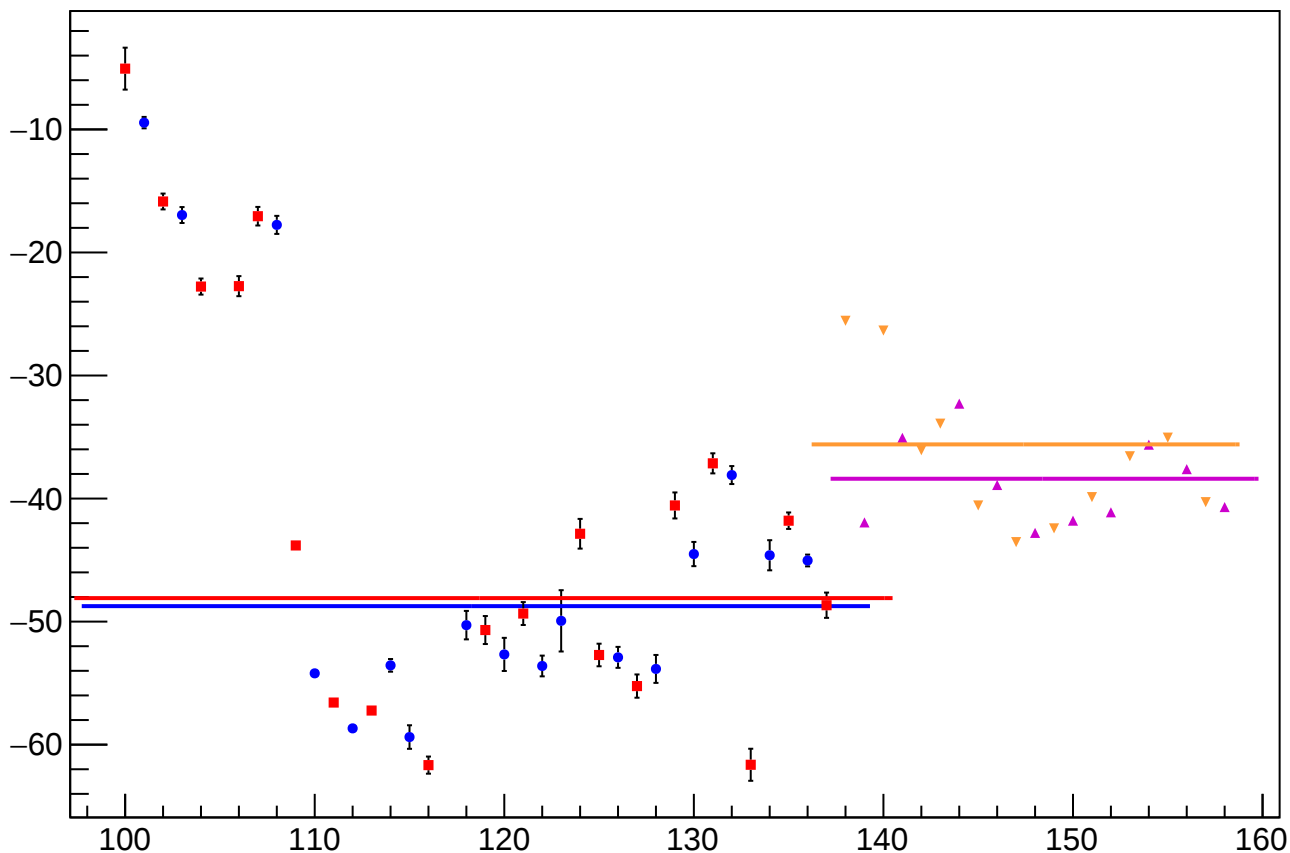
Left In: -39.513 ± 0.068 χ^2/NDF : 6643.4/9

+ sign -40.327 ± 0.050 χ^2/NDF : 13030.5/27

All: -40.045 ± 0.035 χ^2/NDF : 31080.8/56

- sign -39.764 ± 0.050 χ^2/NDF : 17986.2/28

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Left Out: -35.598 ± 0.094 χ^2/NDF : 4428.6/10

Right Out: -48.091 ± 0.107 χ^2/NDF : 11731.5/18

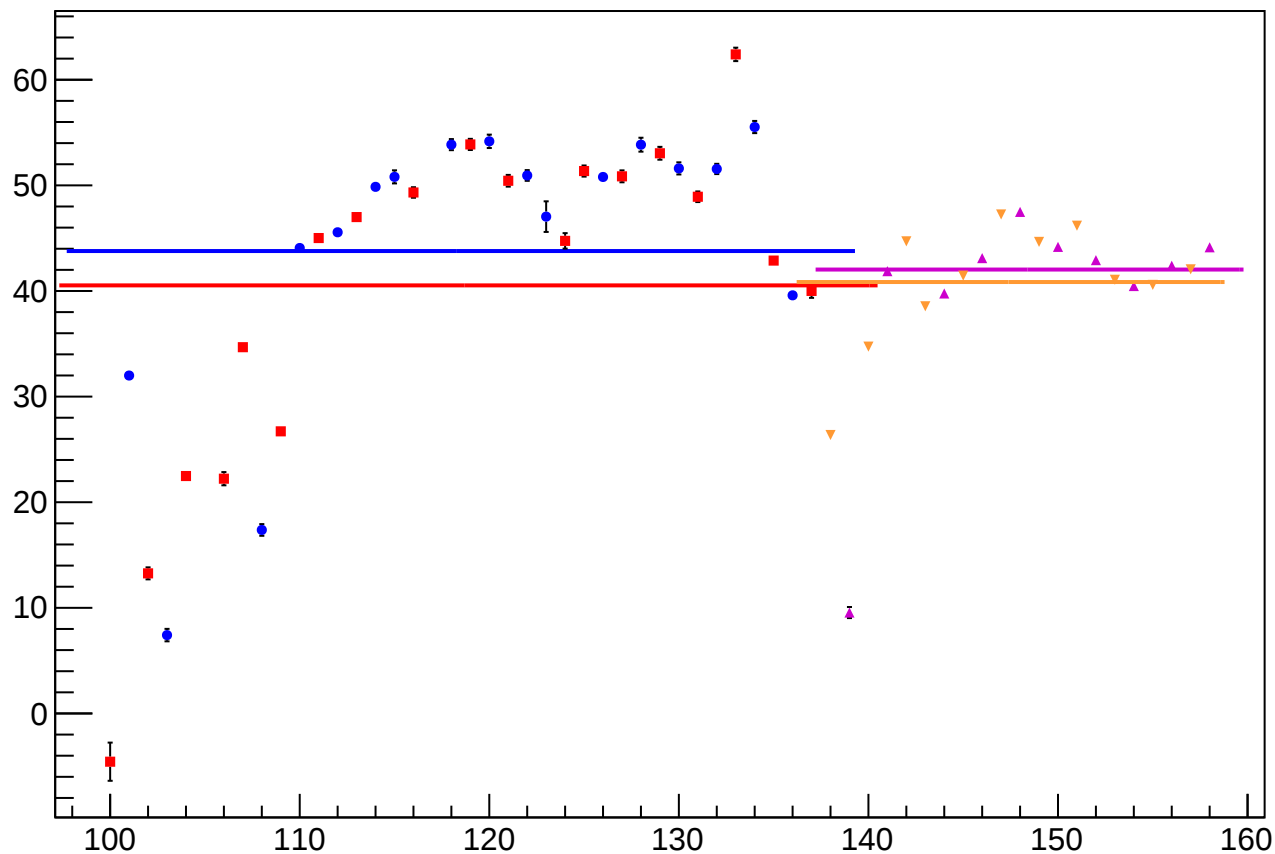
Left In: -38.390 ± 0.097 χ^2/NDF : 1346.2/9

+ sign -40.365 ± 0.075 χ^2/NDF : 26200.7/27

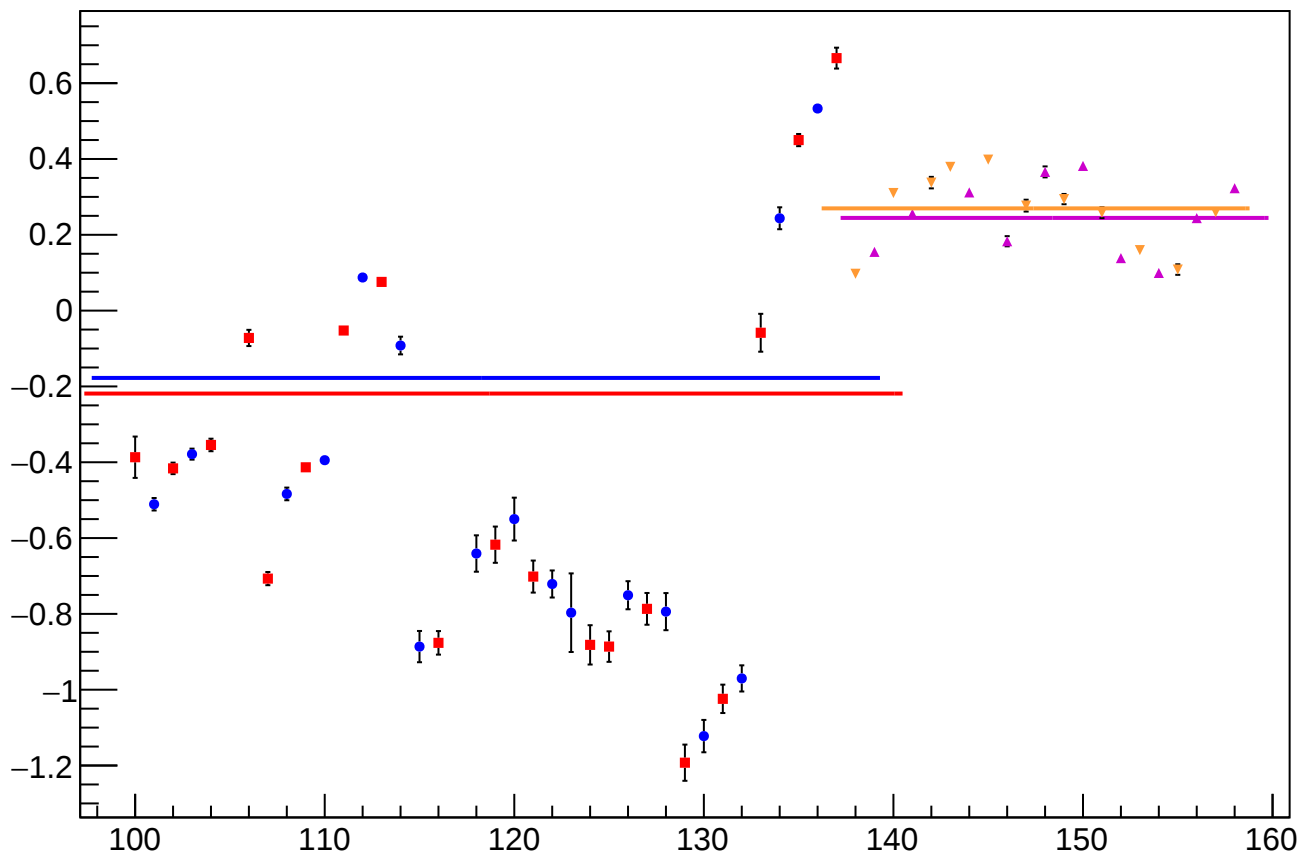
All: -41.601 ± 0.052 χ^2/NDF : 44320.7/56

- sign -42.733 ± 0.072 χ^2/NDF : 17598.7/28

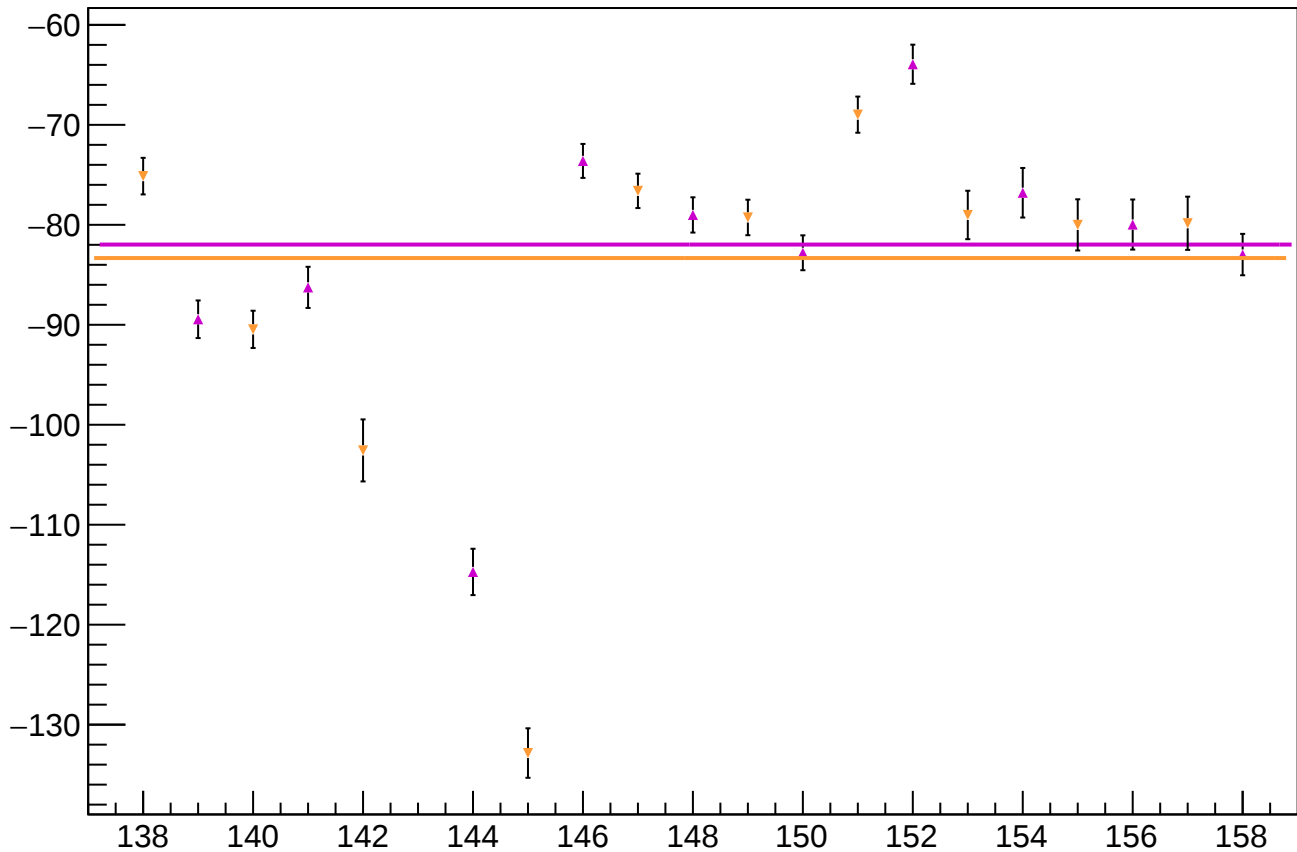
reg_asym_sam8_diff_bpm4eY_slope vs Slug



reg_asym_sam8_diff_bpm12X_slope vs Slug



reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -83.325 $\pm$ 0.662 χ^2 /NDF:563.2/9

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

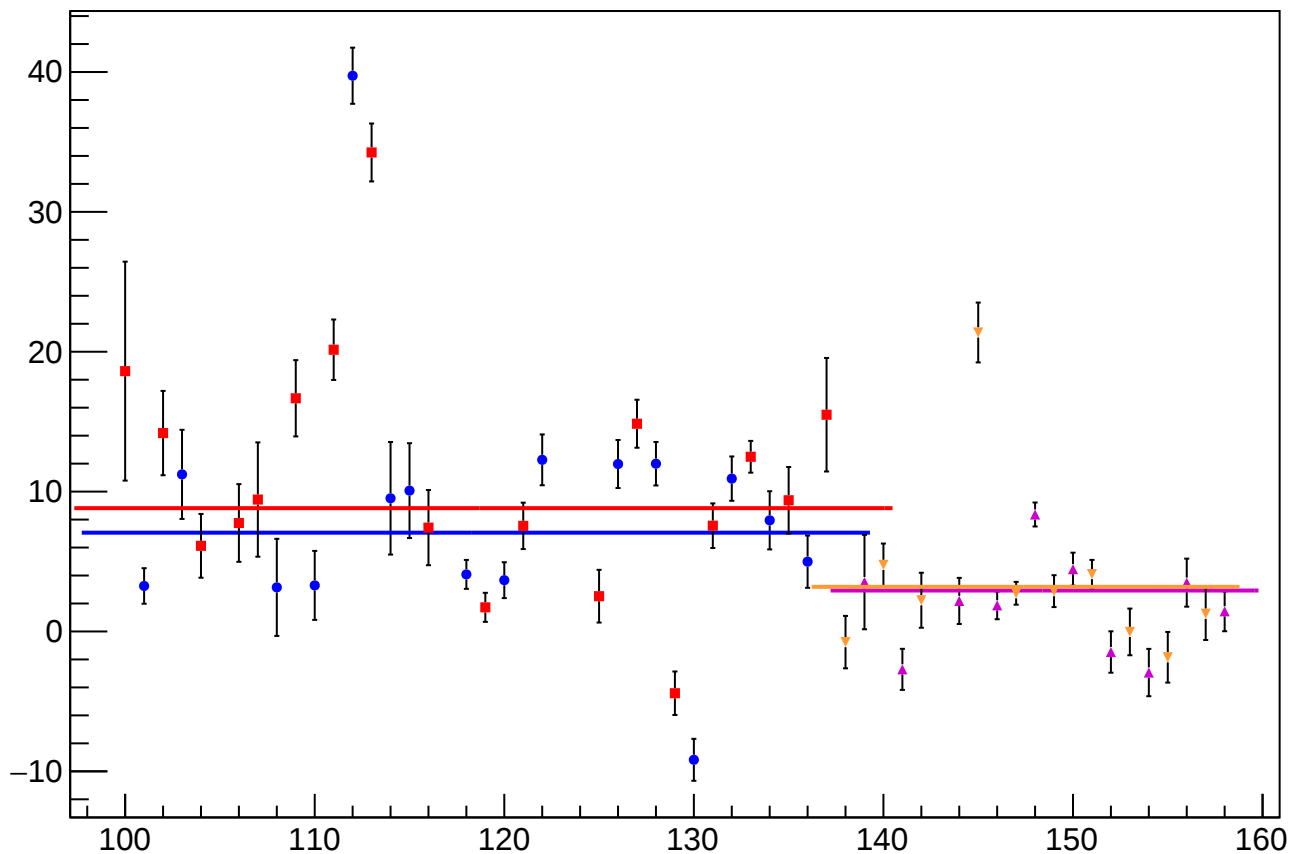
Left In: -81.975 $\pm$ 0.630 χ^2 /NDF:337.2/9

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

All: -82.617 $\pm$ 0.457 χ^2 /NDF: 902.6/19

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

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 ± 0.434 $\chi^2/\text{NDF}: 446.9/15$

Left Out: 3.191 ± 0.431 $\chi^2/\text{NDF}: 91.7/9$

Right Out: 8.816 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

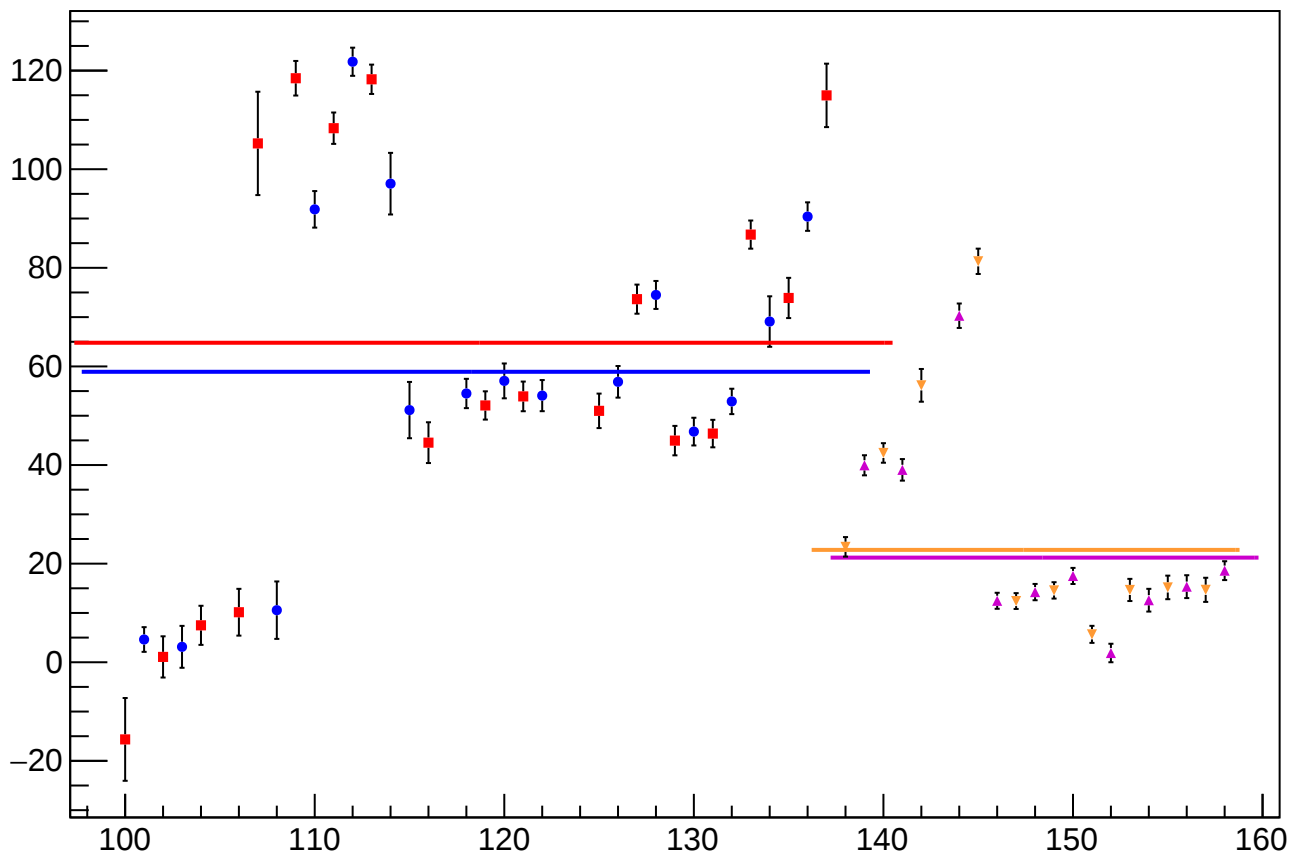
Left In: 2.928 ± 0.420 $\chi^2/\text{NDF}: 80.1/9$

+ sign 5.115 ± 0.306 $\chi^2/\text{NDF}: 578.7/25$

All: 5.395 ± 0.217 $\chi^2/\text{NDF}: 1102.5/53$

- sign 5.678 ± 0.307 $\chi^2/\text{NDF}: 522.2/27$

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 ± 0.831 χ^2/NDF : 1496.7/15

Left Out: 22.792 ± 0.649 χ^2/NDF : 917.2/9

Right Out: 64.803 ± 0.840 χ^2/NDF : 1718.2/17

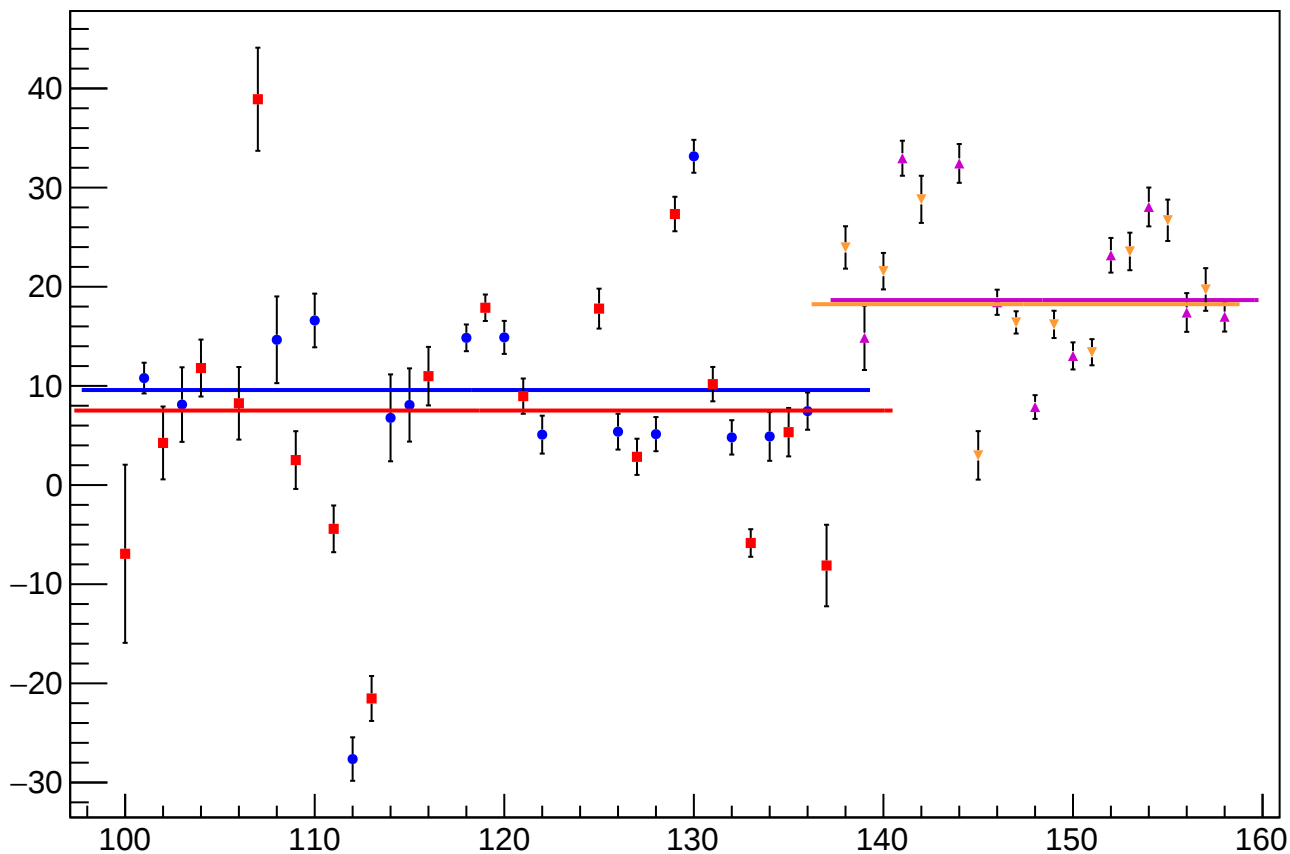
Left In: 21.222 ± 0.613 χ^2/NDF : 723.4/9

+ sign 36.460 ± 0.511 χ^2/NDF : 3587.1/25

All: 36.402 ± 0.356 χ^2/NDF : 7785.3/53

- sign 36.347 ± 0.495 χ^2/NDF : 4198.1/27

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 18.239 ± 0.536 $\chi^2/\text{NDF}: 112.3/9$

Right Out: 7.516 ± 0.516 $\chi^2/\text{NDF}: 569.8/17$

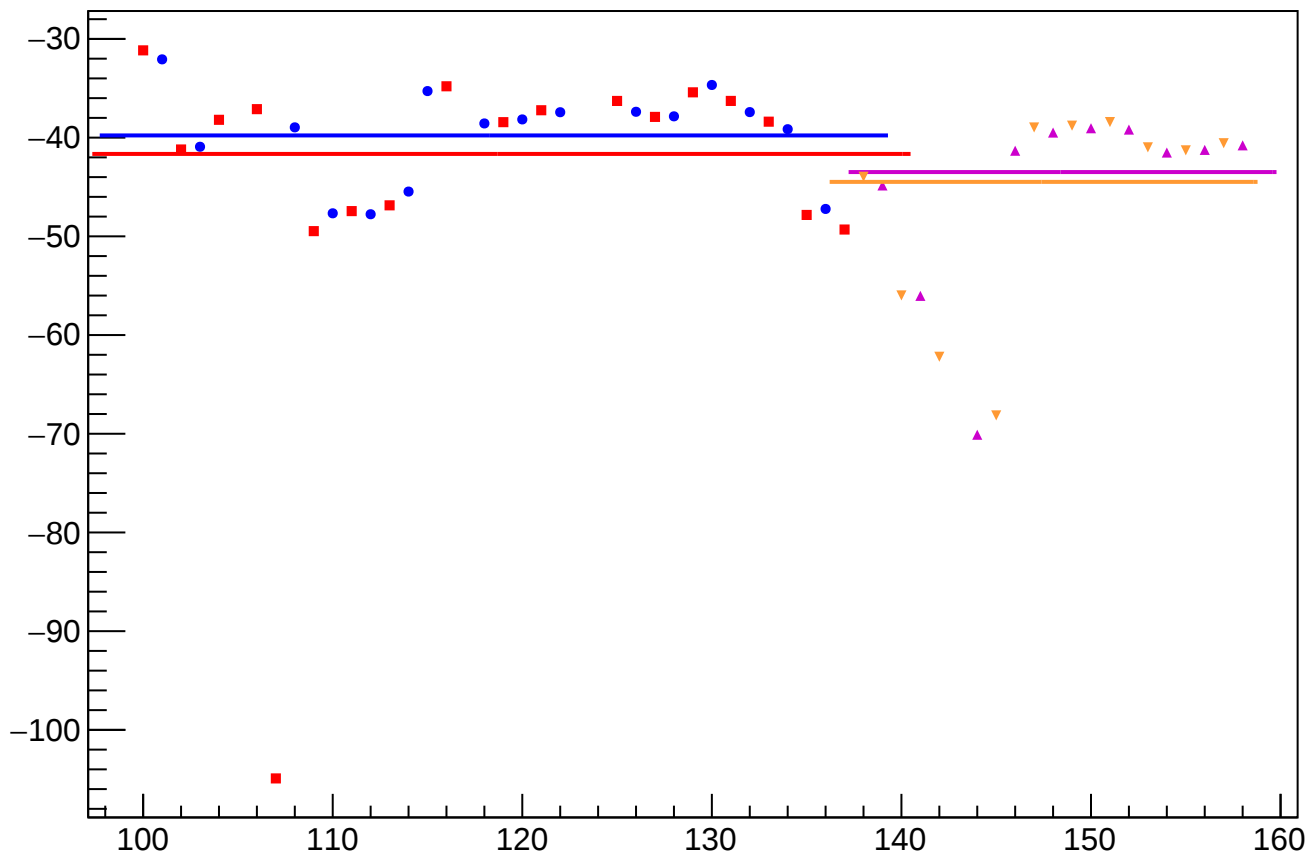
Left In: 18.656 ± 0.511 $\chi^2/\text{NDF}: 246.3/9$

+ sign 13.619 ± 0.366 $\chi^2/\text{NDF}: 805.8/25$

All: 13.374 ± 0.258 $\chi^2/\text{NDF}: 1858.1/53$

- sign 13.133 ± 0.363 $\chi^2/\text{NDF}: 1051.4/27$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 $\chi^2/\text{NDF}: 26158.0/15$

Left Out: -44.483 ± 0.026 $\chi^2/\text{NDF}: 113189.8/9$

Right Out: -41.651 ± 0.031 $\chi^2/\text{NDF}: 94457.5/17$

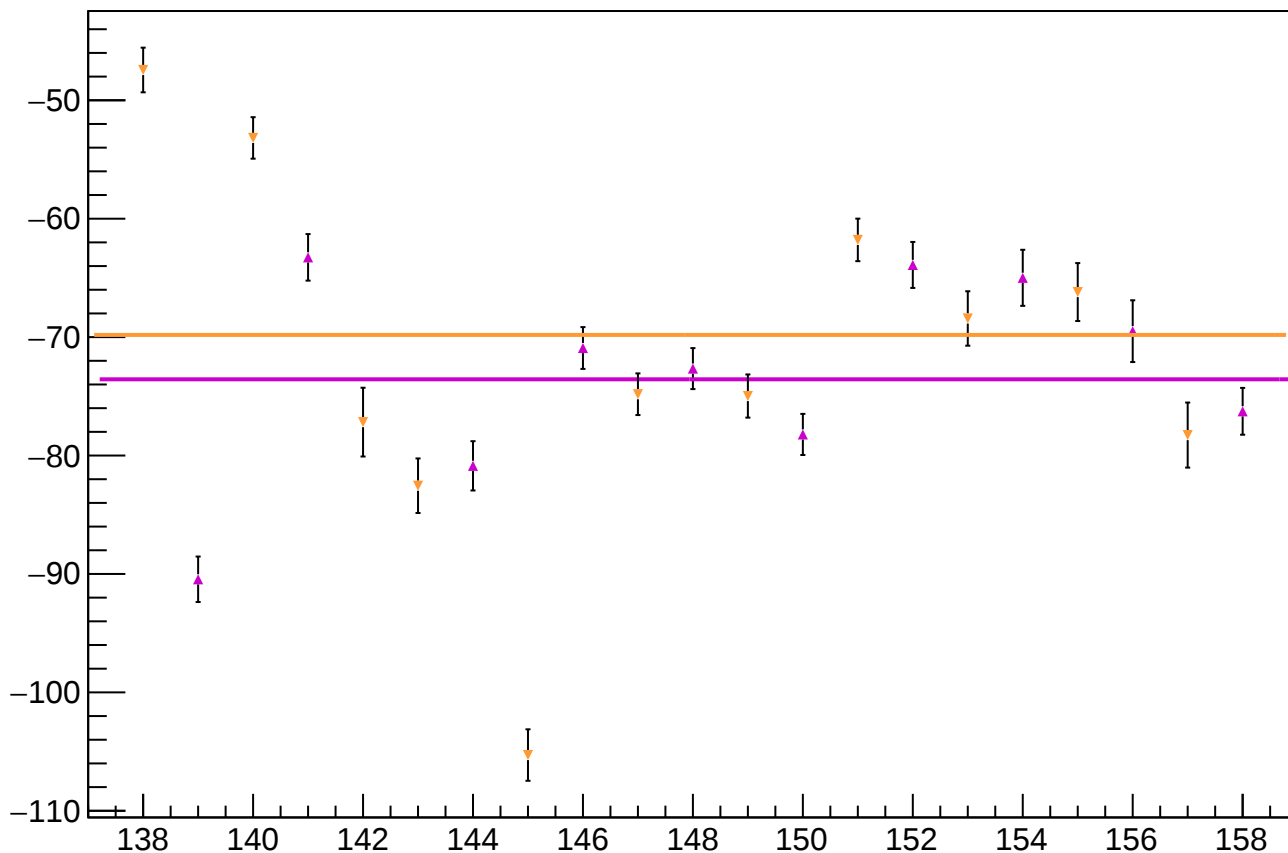
Left In: -43.488 ± 0.024 $\chi^2/\text{NDF}: 94731.5/9$

+ sign -42.517 ± 0.020 $\chi^2/\text{NDF}: 152708.0/25$

All: -42.664 ± 0.014 $\chi^2/\text{NDF}: 344163.1/53$

- sign -42.797 ± 0.019 $\chi^2/\text{NDF}: 191353.1/27$

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.815+/-0.626 χ^2/NDF : 582.5/10

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

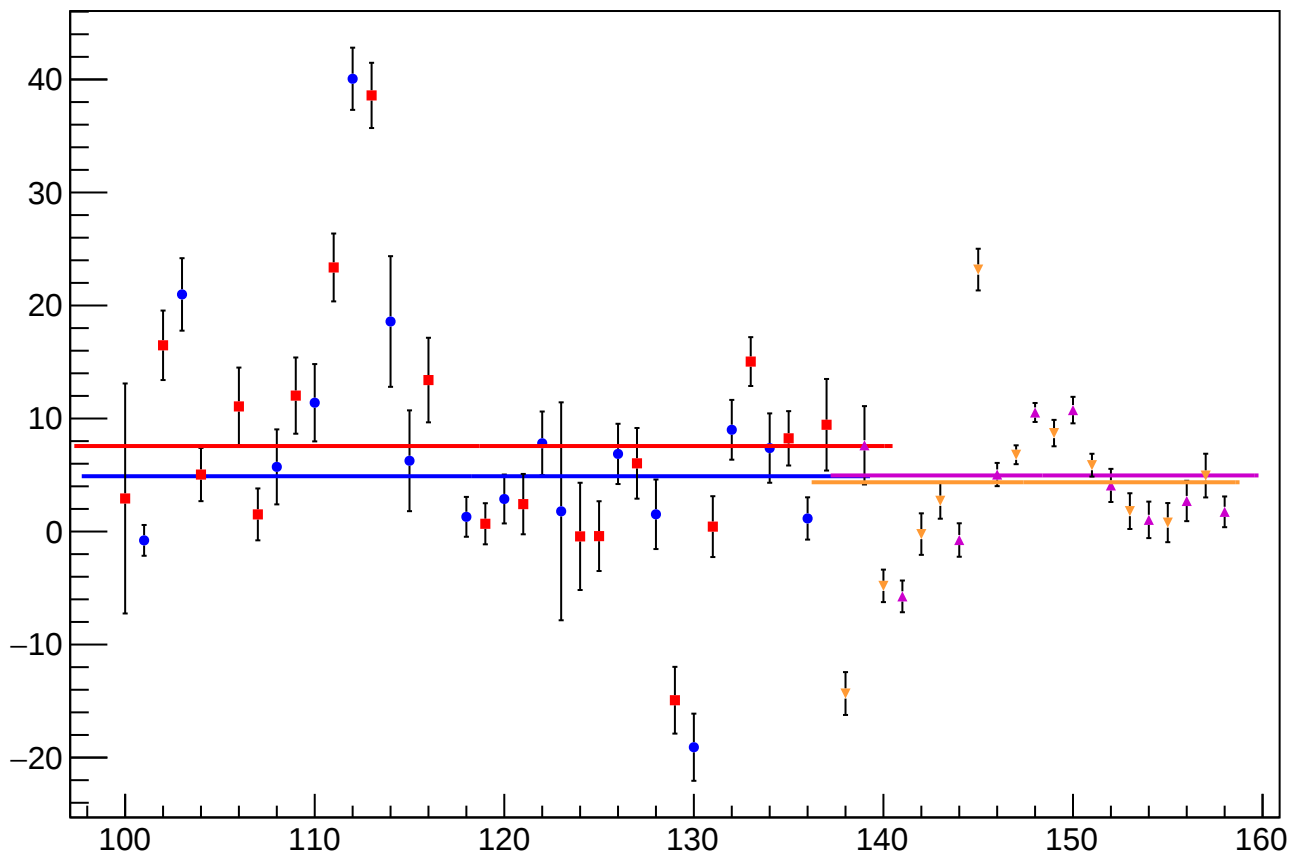
Left In: -73.563+/-0.621 χ^2/NDF : 169.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.705+/-0.441 χ^2/NDF : 769.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 4.359 ± 0.412 χ^2/NDF : 280.8/10

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

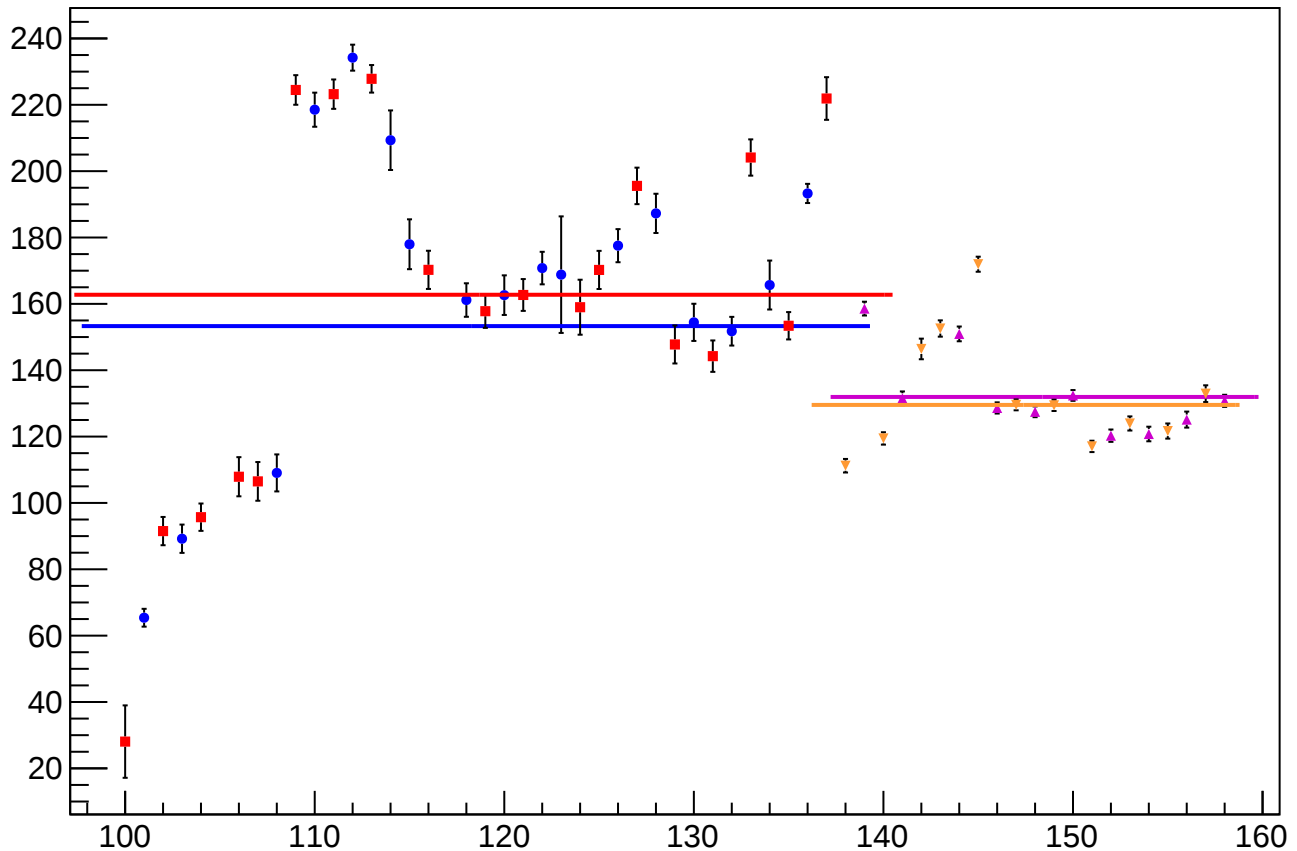
Left In: 4.963 ± 0.414 χ^2/NDF : 155.5/9

+ sign 4.522 ± 0.343 χ^2/NDF : 576.7/27

All: 5.106 ± 0.245 χ^2/NDF : 1019.7/56

- sign 5.710 ± 0.349 χ^2/NDF : 437.1/28

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 129.542 $\pm$ 0.619 χ^2 /NDF: 649.8/10

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

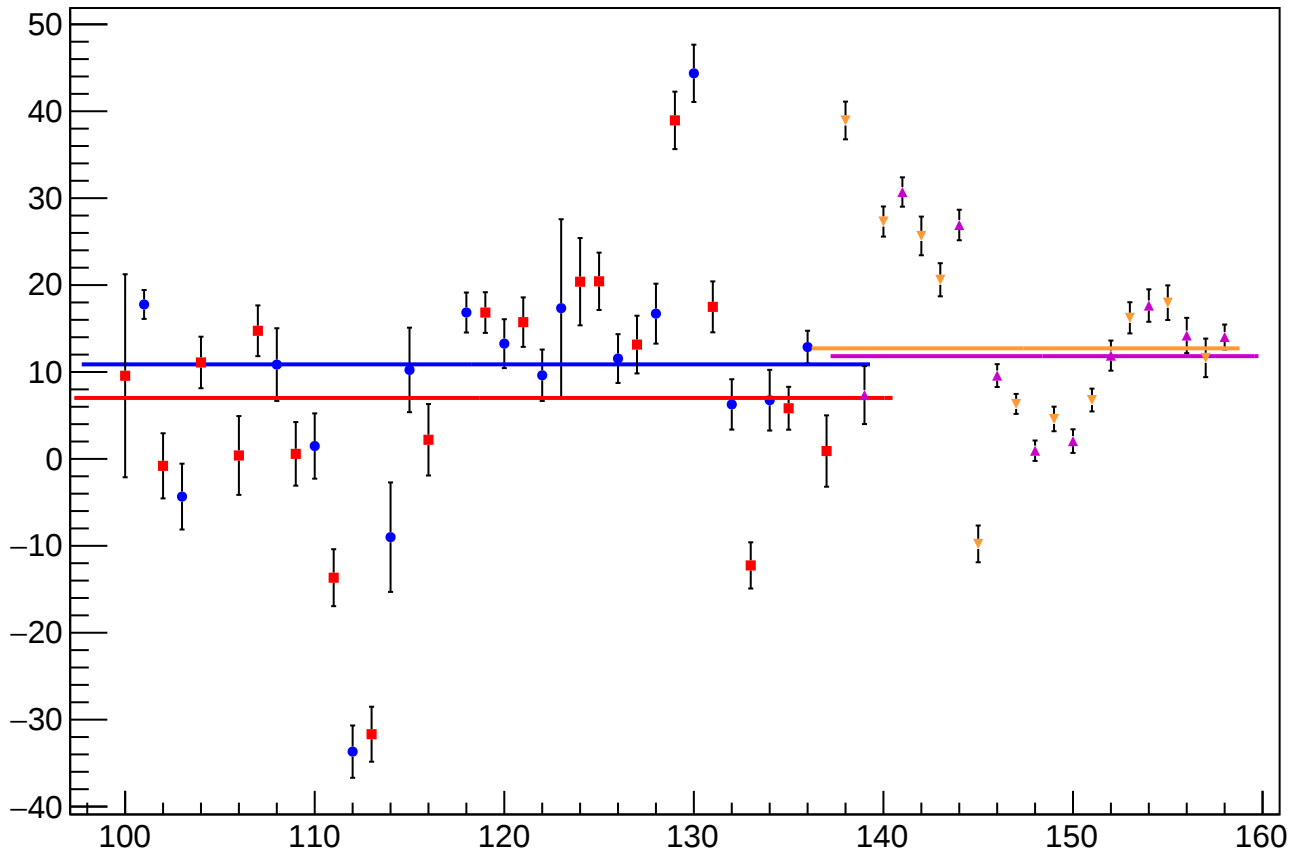
Left In: 131.947 $\pm$ 0.604 χ^2 /NDF: 322.2/9

+ sign 134.911 $\pm$ 0.544 χ^2 /NDF: 3249.9/27

All: 136.663 $\pm$ 0.382 χ^2 /NDF: 5843.5/56

- sign 138.372 $\pm$ 0.537 χ^2 /NDF: 2573.2/28

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 12.720 $\pm$ 0.510 χ^2 /NDF: 476.7/10

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

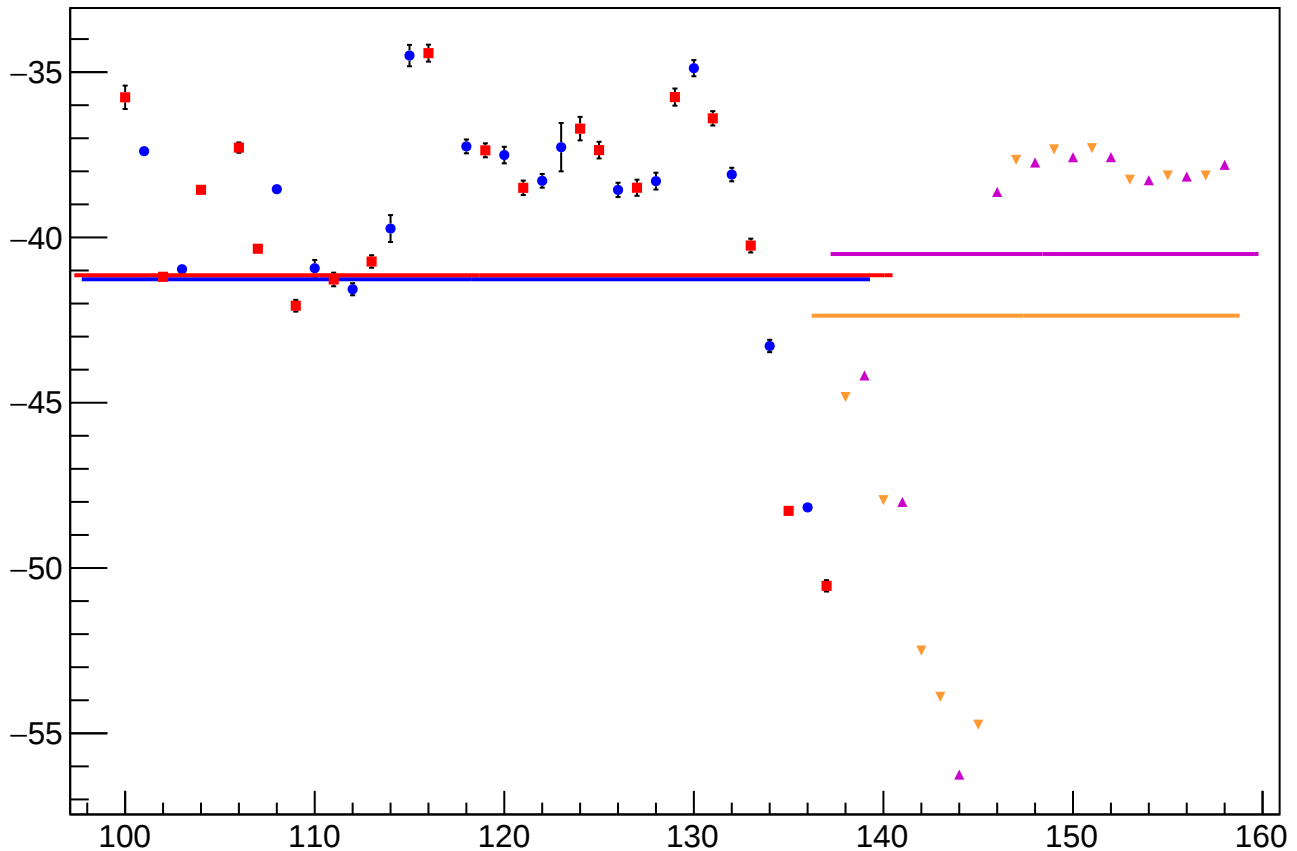
Left In: 11.821 $\pm$ 0.503 χ^2 /NDF: 354.6/9

+ sign 12.098 $\pm$ 0.415 χ^2 /NDF: 869.1/27

All: 11.217 $\pm$ 0.294 χ^2 /NDF: 1685.9/56

- sign 10.326 $\pm$ 0.417 χ^2 /NDF: 807.6/28

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -42.366 ± 0.025 $\chi^2/\text{NDF}: 66123.9/10$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

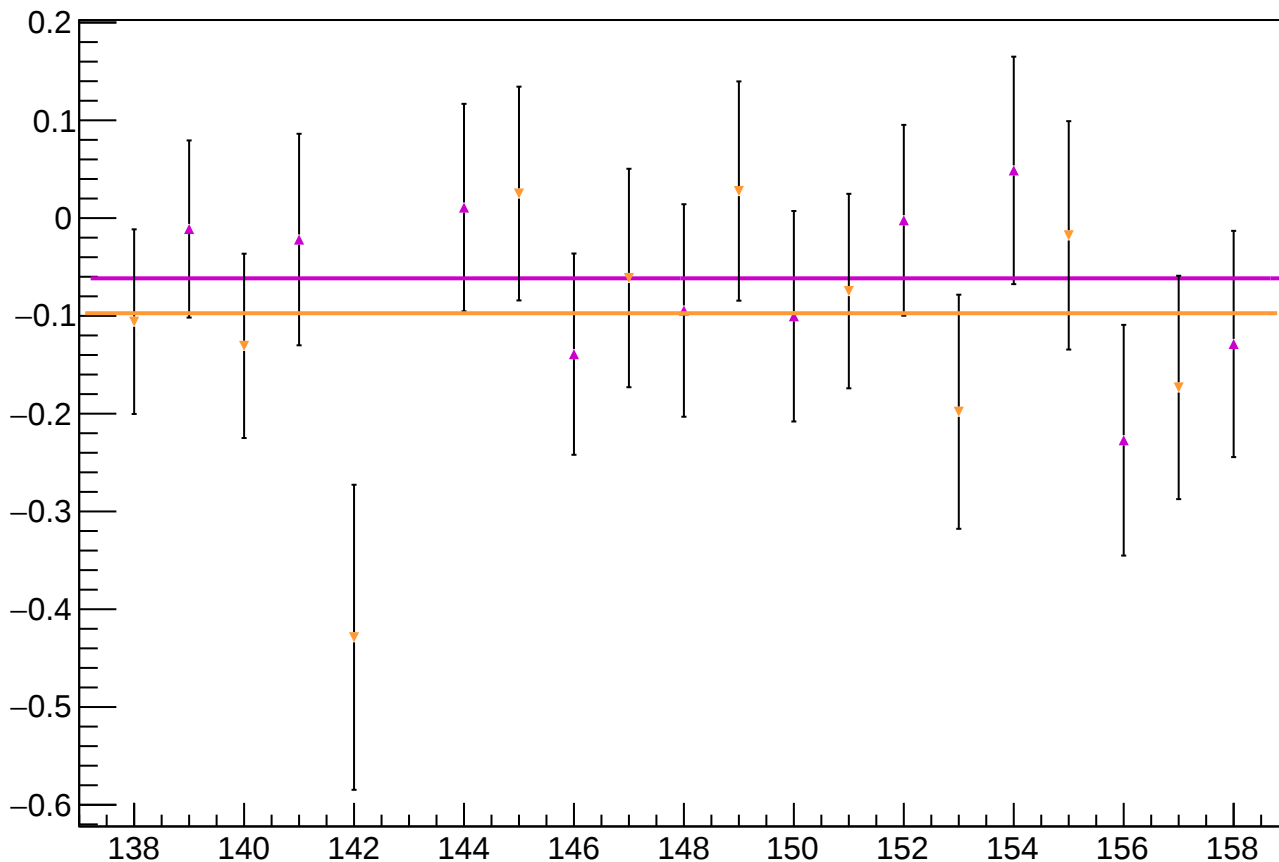
Left In: -40.502 ± 0.024 $\chi^2/\text{NDF}: 45447.8/9$

+ sign -42.039 ± 0.021 $\chi^2/\text{NDF}: 79268.7/27$

All: -41.337 ± 0.015 $\chi^2/\text{NDF}: 139298.2/56$

- sign -40.680 ± 0.020 $\chi^2/\text{NDF}: 57866.0/28$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.097 $\pm$ 0.035 χ^2 /NDF: 8.9/9

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

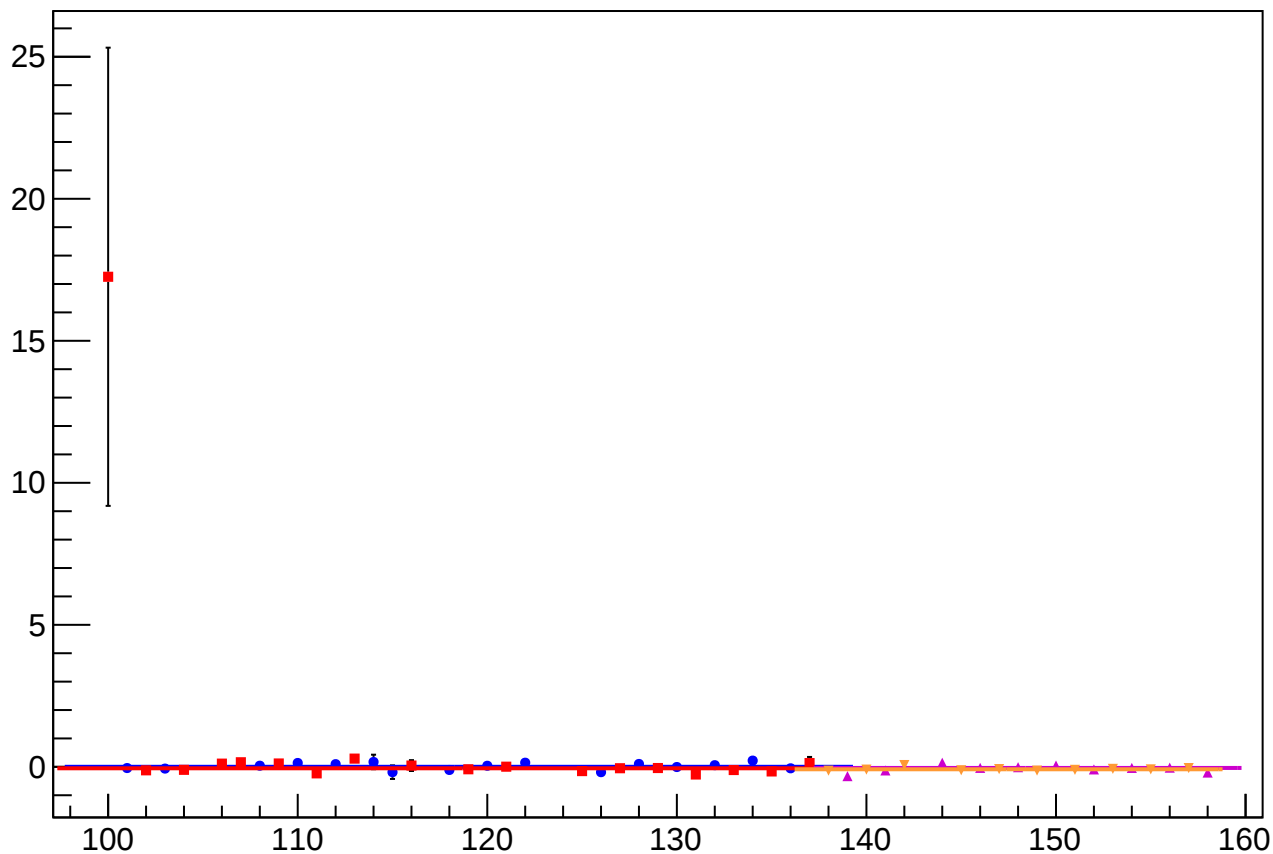
Left In: -0.062 $\pm$ 0.034 χ^2 /NDF: 5.3/9

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

All: -0.079 $\pm$ 0.024 χ^2 /NDF: 14.7/19

- 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: -0.086 ± 0.024 χ^2/NDF : 3.5/9

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

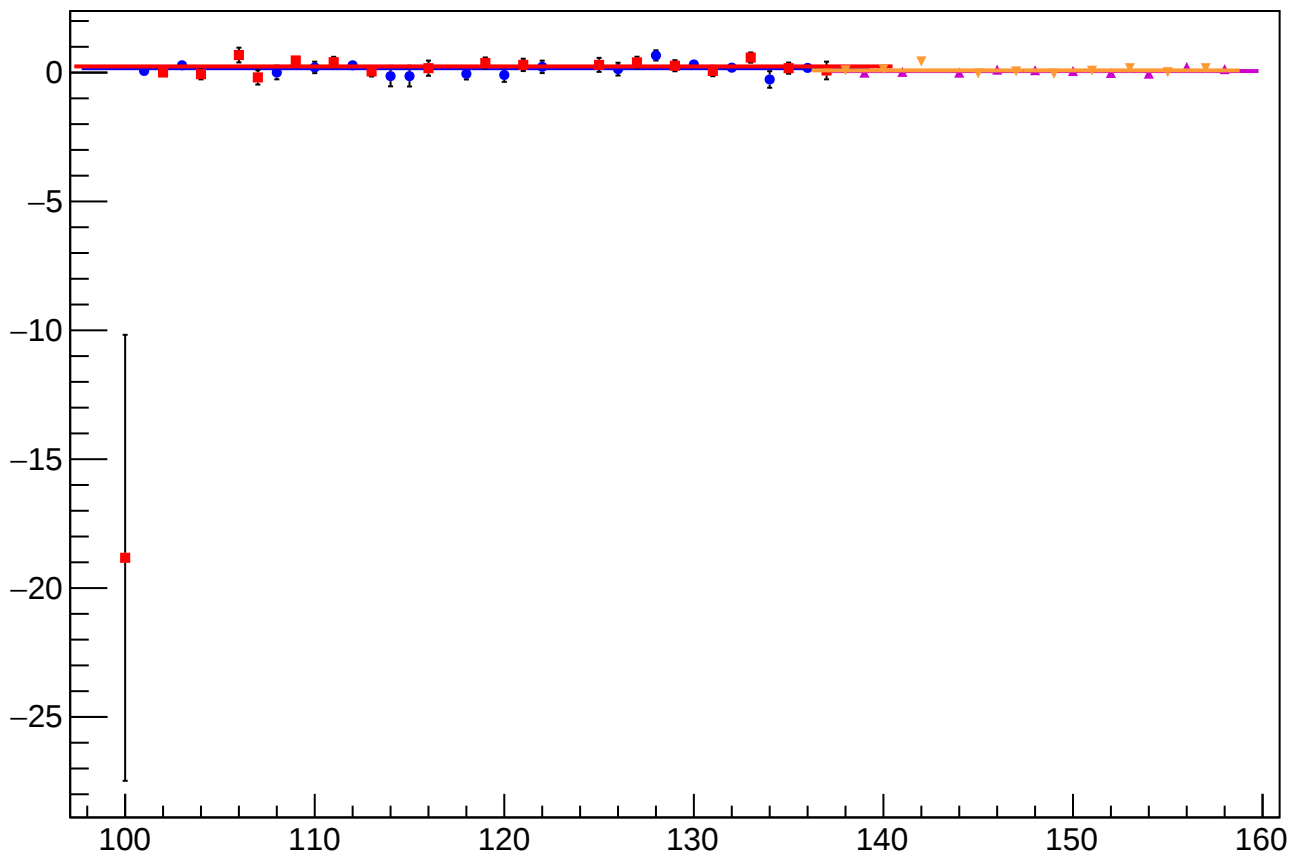
Left In: -0.039 ± 0.023 χ^2/NDF : 16.4/9

+ sign -0.050 ± 0.018 χ^2/NDF : 21.7/25

All: -0.047 ± 0.013 χ^2/NDF : 64.1/53

- sign -0.044 ± 0.018 χ^2/NDF : 42.3/27

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 ± 0.052 χ^2/NDF : 13.7/15

Left Out: 0.085 ± 0.034 χ^2/NDF : 8.7/9

Right Out: 0.239 ± 0.054 χ^2/NDF : 21.8/17

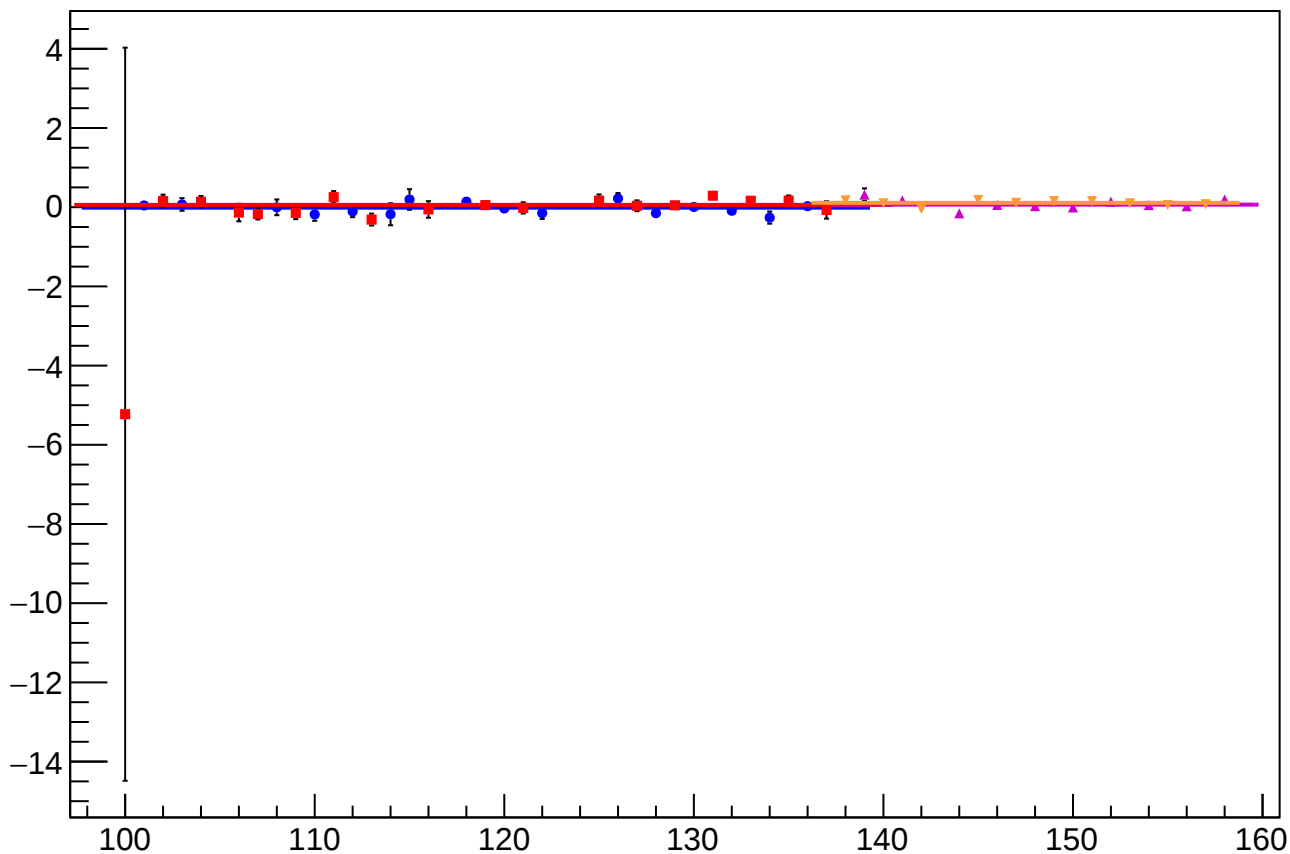
Left In: 0.058 ± 0.033 χ^2/NDF : 5.2/9

+ sign 0.111 ± 0.029 χ^2/NDF : 24.3/25

All: 0.109 ± 0.020 χ^2/NDF : 59.5/53

- sign 0.107 ± 0.028 χ^2/NDF : 35.2/27

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.110 ± 0.029 χ^2/NDF : 3.6/9

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

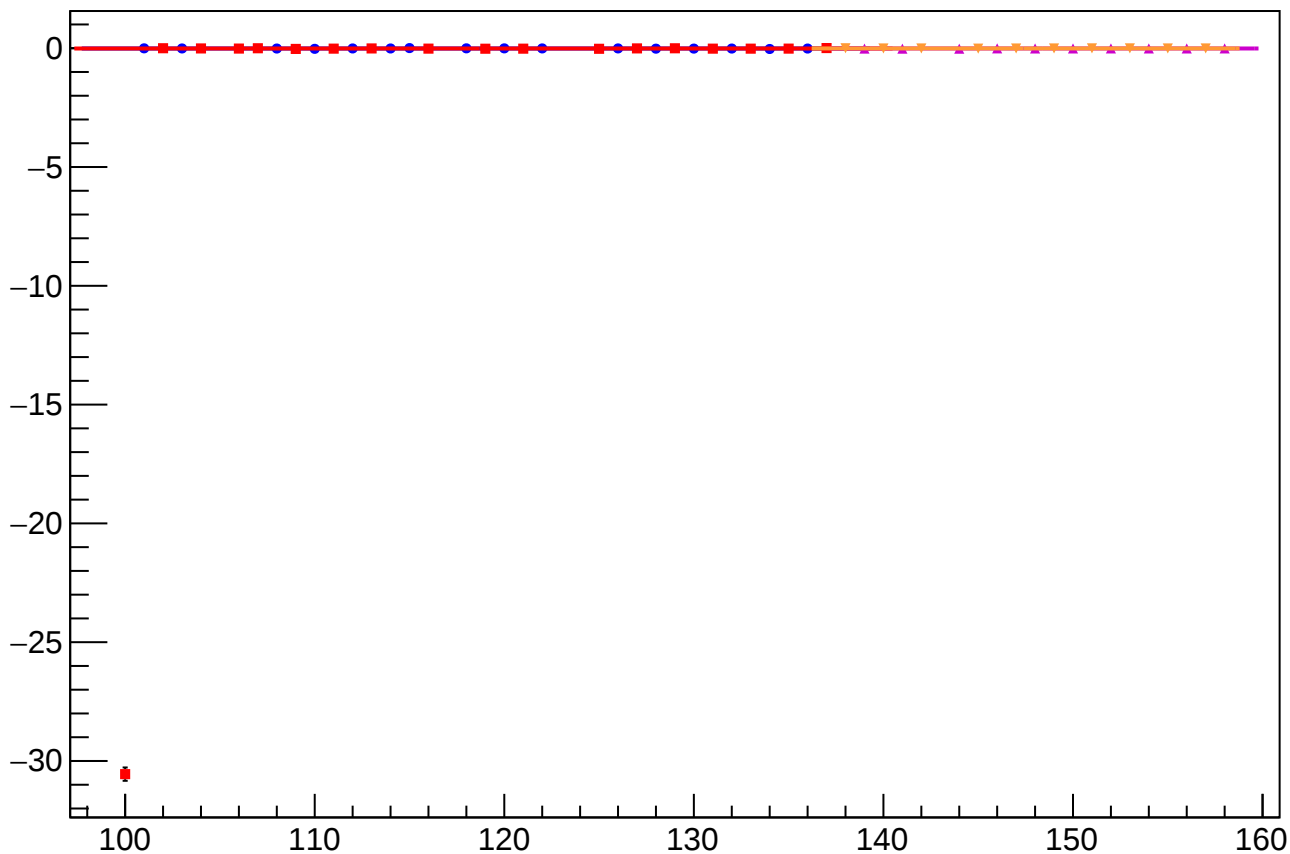
Left In: 0.064 ± 0.028 χ^2/NDF : 14.0/9

+ sign 0.057 ± 0.022 χ^2/NDF : 25.1/25

All: 0.059 ± 0.015 χ^2/NDF : 59.8/53

- sign 0.062 ± 0.022 χ^2/NDF : 34.6/27

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15

Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF: 8.2/9

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

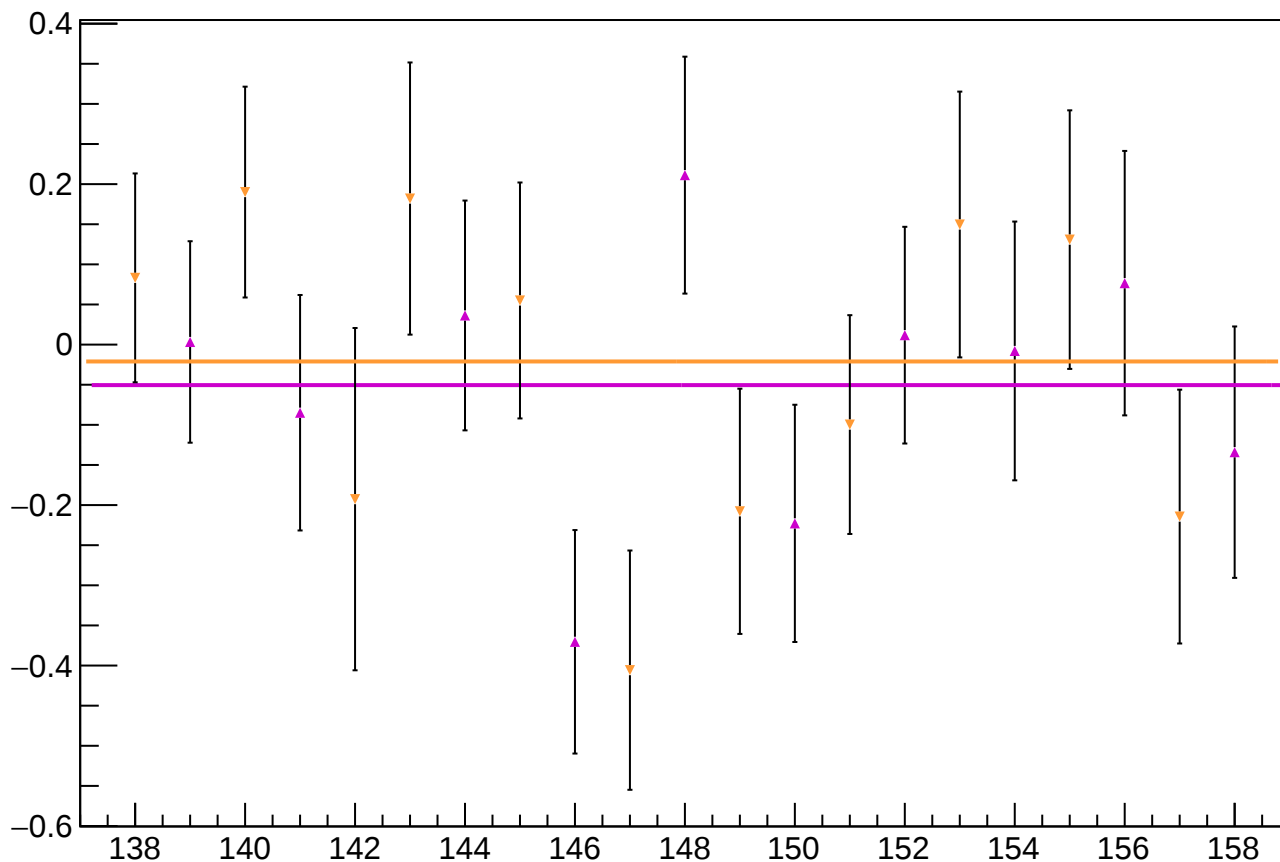
Left In: -0.011 $\pm$ 0.001 χ^2 /NDF: 9.6/9

+ sign -0.010 $\pm$ 0.001 χ^2 /NDF: 22.9/25

All: -0.011 $\pm$ 0.001 χ^2 /NDF: 11925.5/53

- sign -0.012 $\pm$ 0.001 χ^2 /NDF: 11901.3/27

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.021+/-0.046 χ^2/NDF : 17.5/10

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

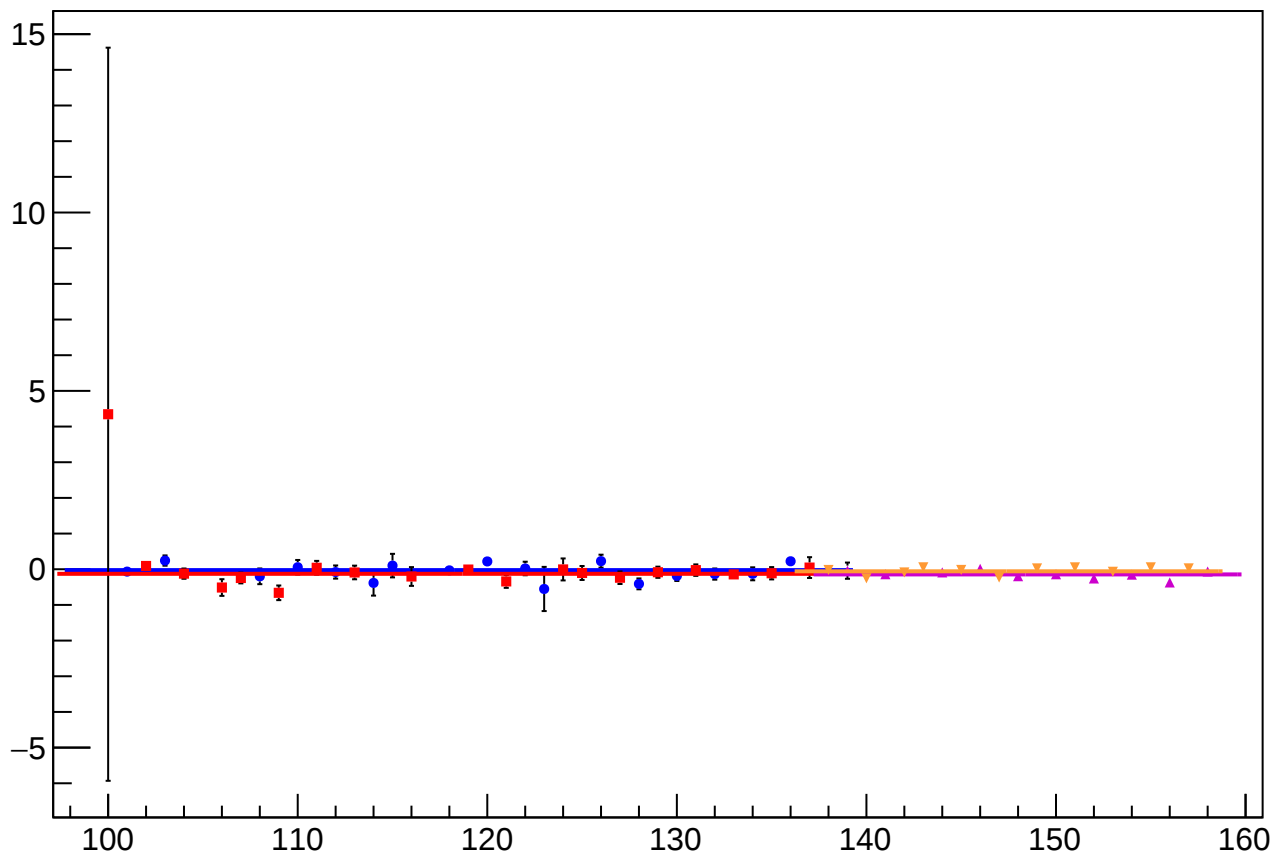
Left In: -0.050+/-0.046 χ^2/NDF : 11.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.036+/-0.032 χ^2/NDF : 29.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.058 ± 0.031 χ^2/NDF : 14.7/10

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

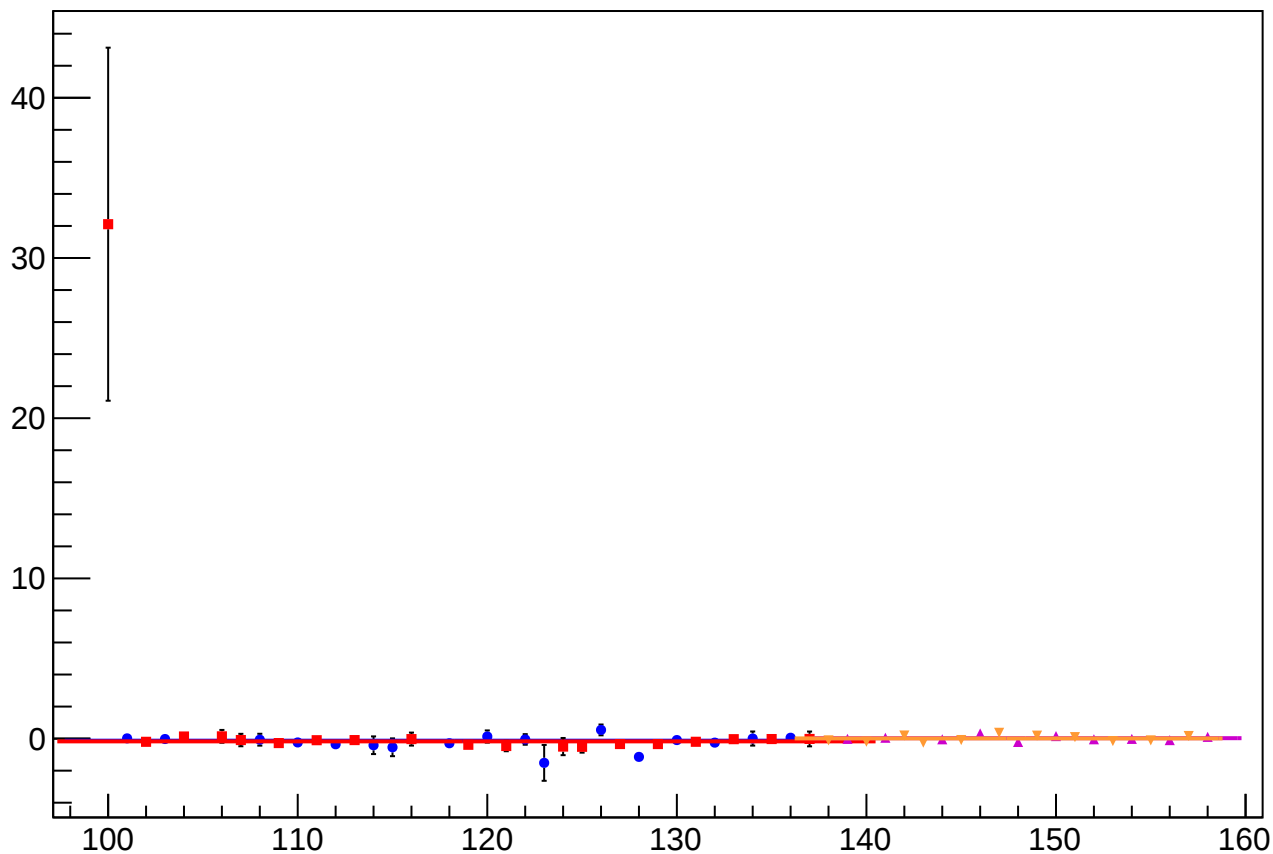
Left In: -0.145 ± 0.032 χ^2/NDF : 10.4/9

+ sign -0.044 ± 0.024 χ^2/NDF : 38.5/27

All: -0.089 ± 0.017 χ^2/NDF : 74.3/56

- sign -0.138 ± 0.025 χ^2/NDF : 28.1/28

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.013 ± 0.045 χ^2/NDF : 17.2/10

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

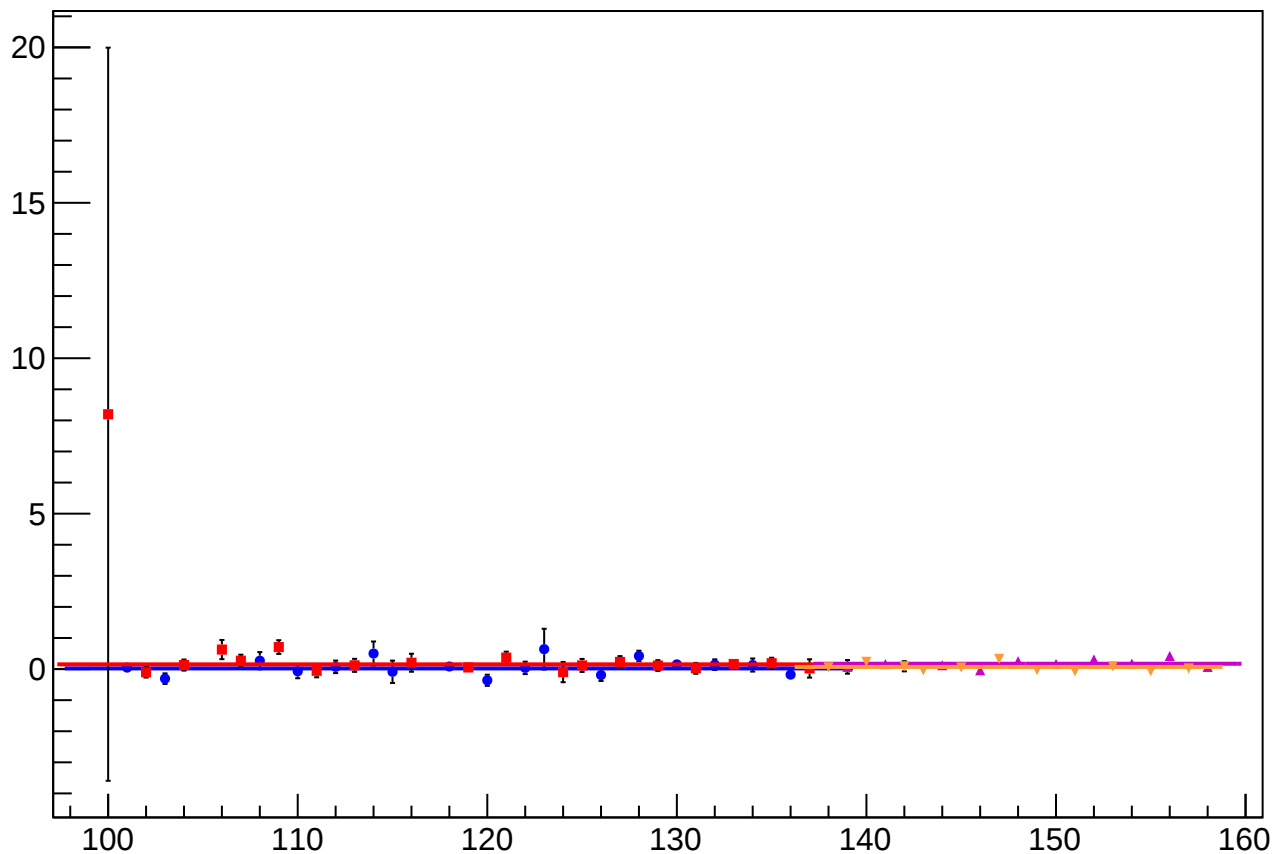
Left In: 0.027 ± 0.045 χ^2/NDF : 10.4/9

+ sign -0.032 ± 0.038 χ^2/NDF : 44.0/27

All: -0.031 ± 0.027 χ^2/NDF : 75.0/56

- sign -0.030 ± 0.038 χ^2/NDF : 31.0/28

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.069 ± 0.038 χ^2/NDF : 13.3/10

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

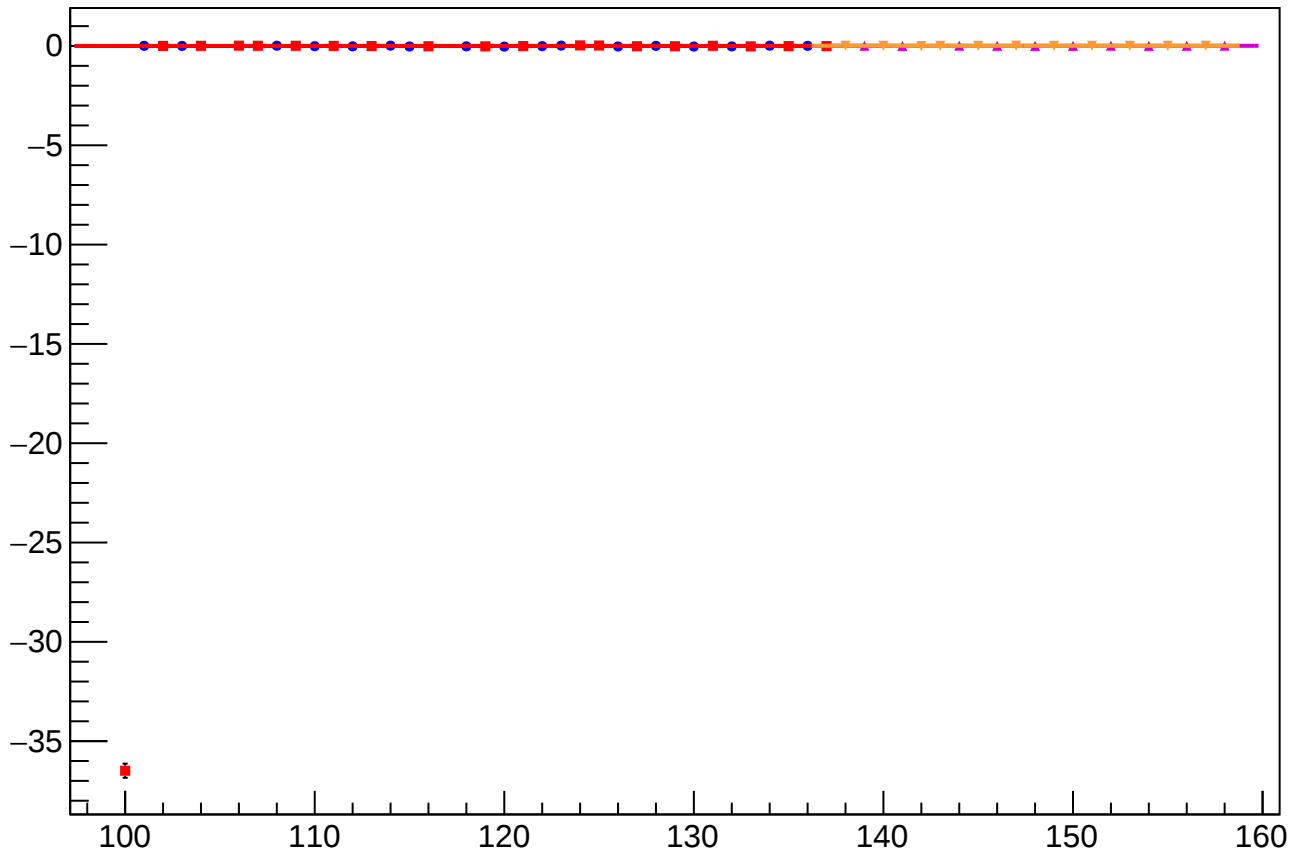
Left In: 0.172 ± 0.038 χ^2/NDF : 10.9/9

+ sign 0.047 ± 0.028 χ^2/NDF : 36.5/27

All: 0.103 ± 0.020 χ^2/NDF : 71.9/56

- sign 0.163 ± 0.029 χ^2/NDF : 27.3/28

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.4/10

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

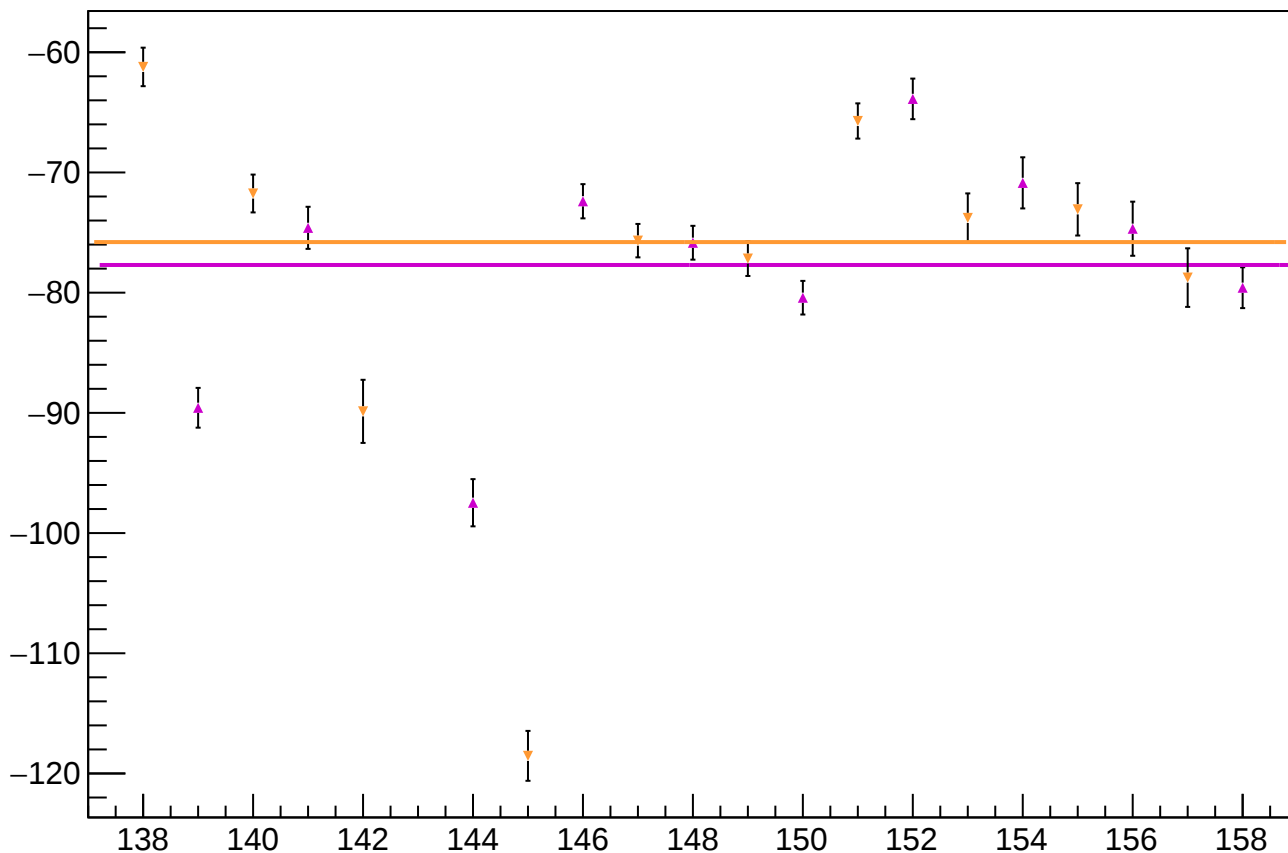
Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 4.8/9

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 48.6/27

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10515.7/56

- sign 0.007 $\pm$ 0.001 χ^2 /NDF: 10467.0/28

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -75.792+/-0.555 χ^2/NDF : 594.3/9

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

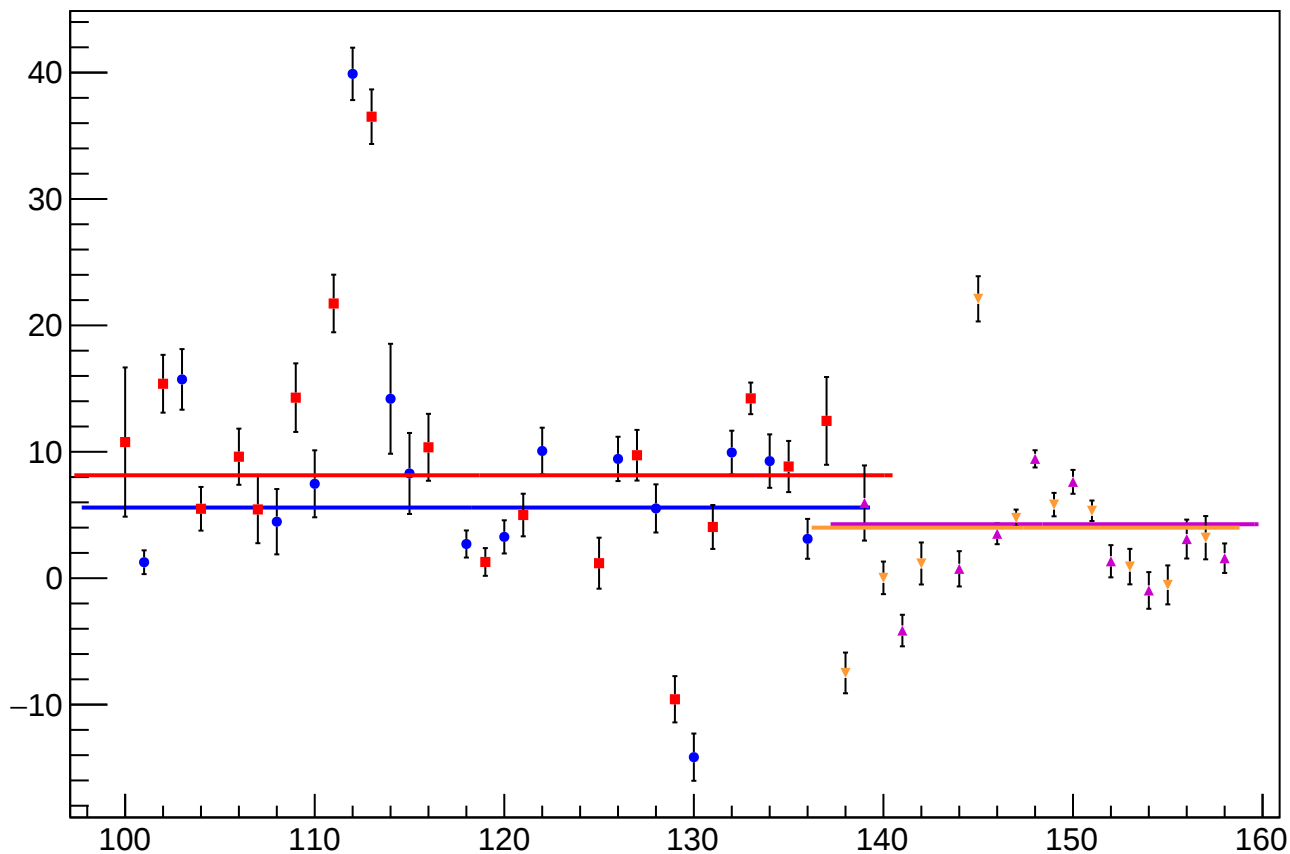
Left In: -77.697+/-0.529 χ^2/NDF : 255.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.790+/-0.383 χ^2/NDF : 856.4/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 ± 0.424 χ^2/NDF : 462.8/15

Left Out: 3.999 ± 0.355 χ^2/NDF : 187.4/9

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

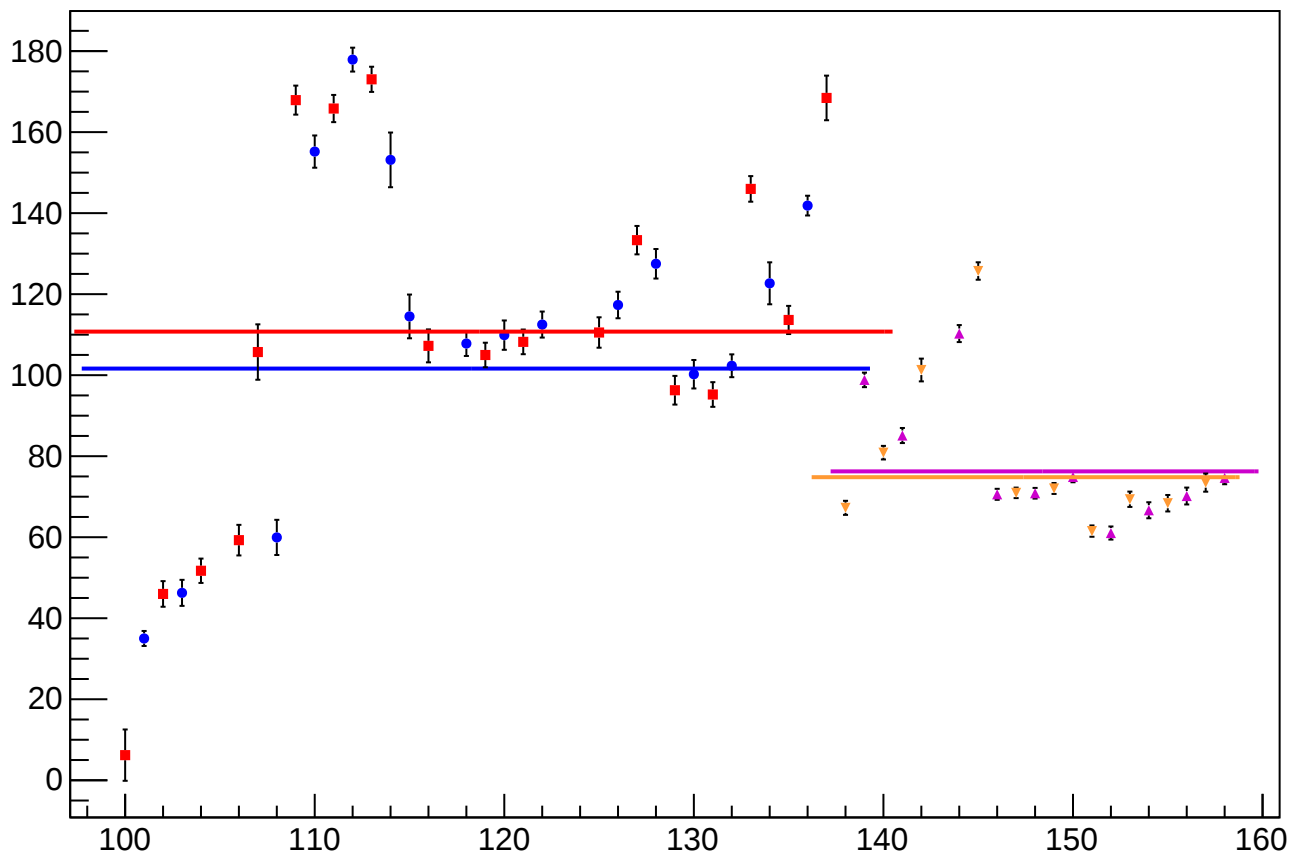
Left In: 4.269 ± 0.348 χ^2/NDF : 147.3/9

+ sign 4.656 ± 0.272 χ^2/NDF : 658.4/25

All: 5.173 ± 0.194 χ^2/NDF : 1266.6/53

- sign 5.704 ± 0.276 χ^2/NDF : 600.9/27

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631±/-0.807 χ^2/NDF : 2978.9/15

Left Out: 74.818±/-0.542 χ^2/NDF : 801.2/9

Right Out: 110.756±/-0.836 χ^2/NDF : 2513.0/17

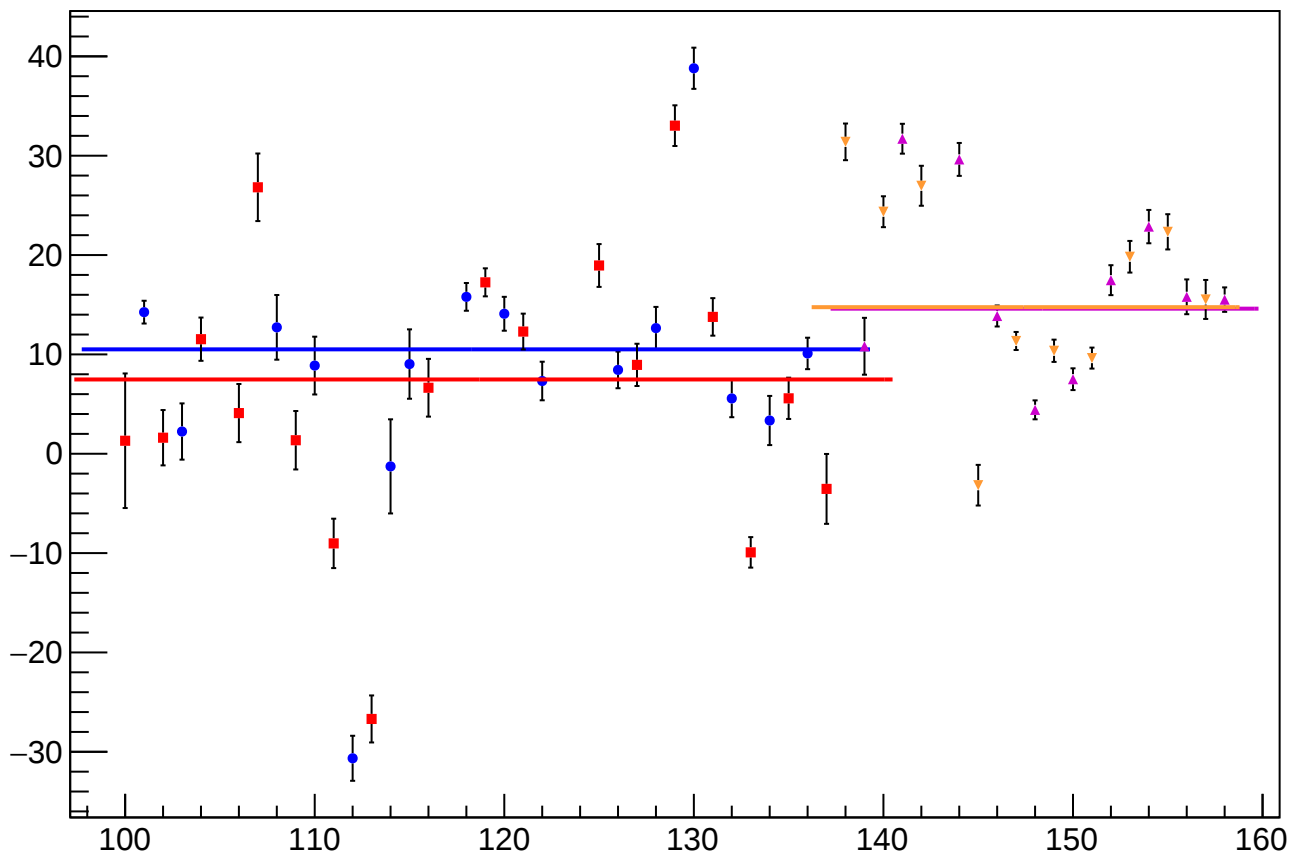
Left In: 76.252±/-0.513 χ^2/NDF : 600.6/9

+ sign 83.158±/-0.450 χ^2/NDF : 4540.7/25

All: 84.458±/-0.314 χ^2/NDF : 8907.7/53

- sign 85.684±/-0.437 χ^2/NDF : 4350.8/27

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 ± 0.492 $\chi^2/\text{NDF}: 581.5/15$

Left Out: 14.753 ± 0.444 $\chi^2/\text{NDF}: 314.6/9$

Right Out: 7.477 ± 0.524 $\chi^2/\text{NDF}: 689.3/17$

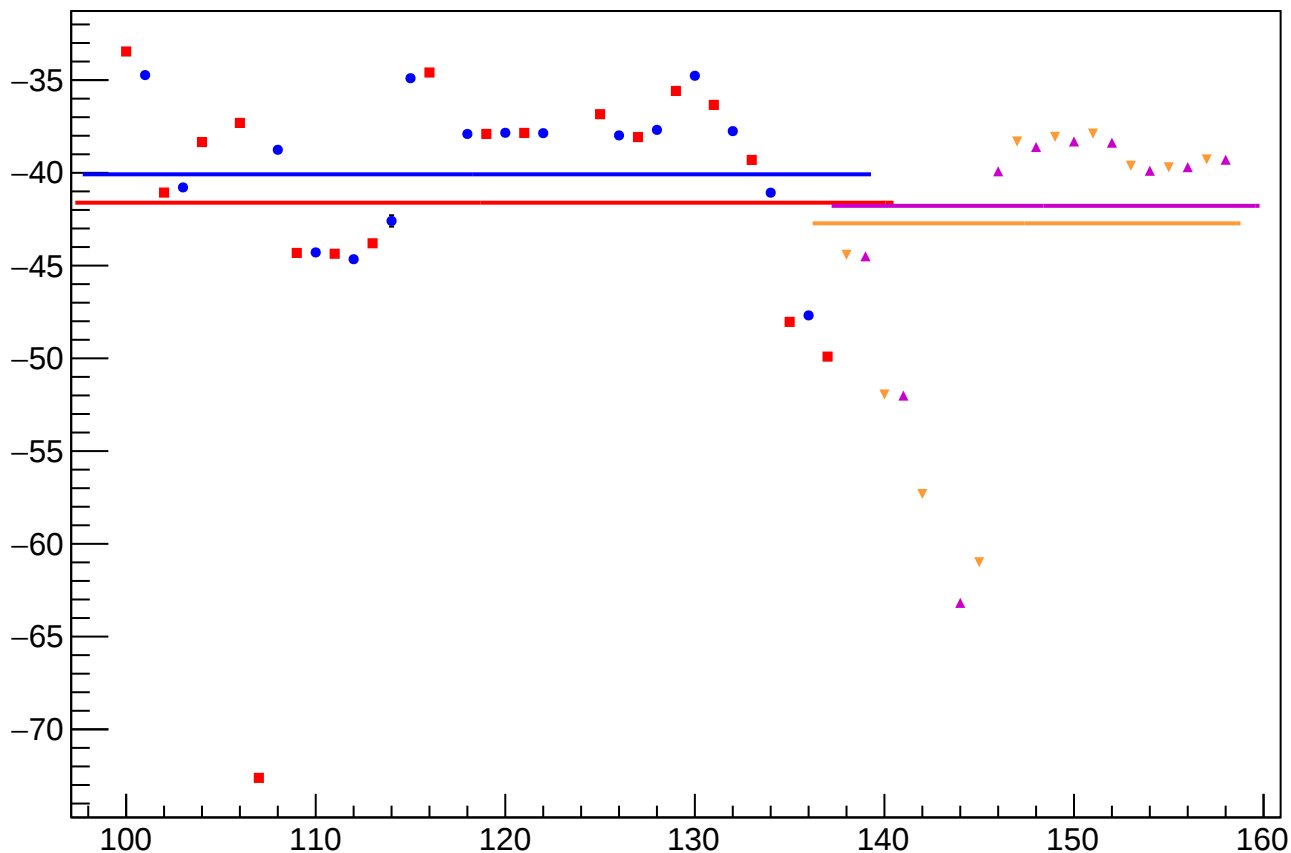
Left In: 14.604 ± 0.425 $\chi^2/\text{NDF}: 399.0/9$

+ sign 12.847 ± 0.330 $\chi^2/\text{NDF}: 937.1/25$

All: 12.312 ± 0.233 $\chi^2/\text{NDF}: 2142.3/53$

- sign 11.777 ± 0.330 $\chi^2/\text{NDF}: 1199.9/27$

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -42.722 ± 0.022 χ^2/NDF : 102849.8/9

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

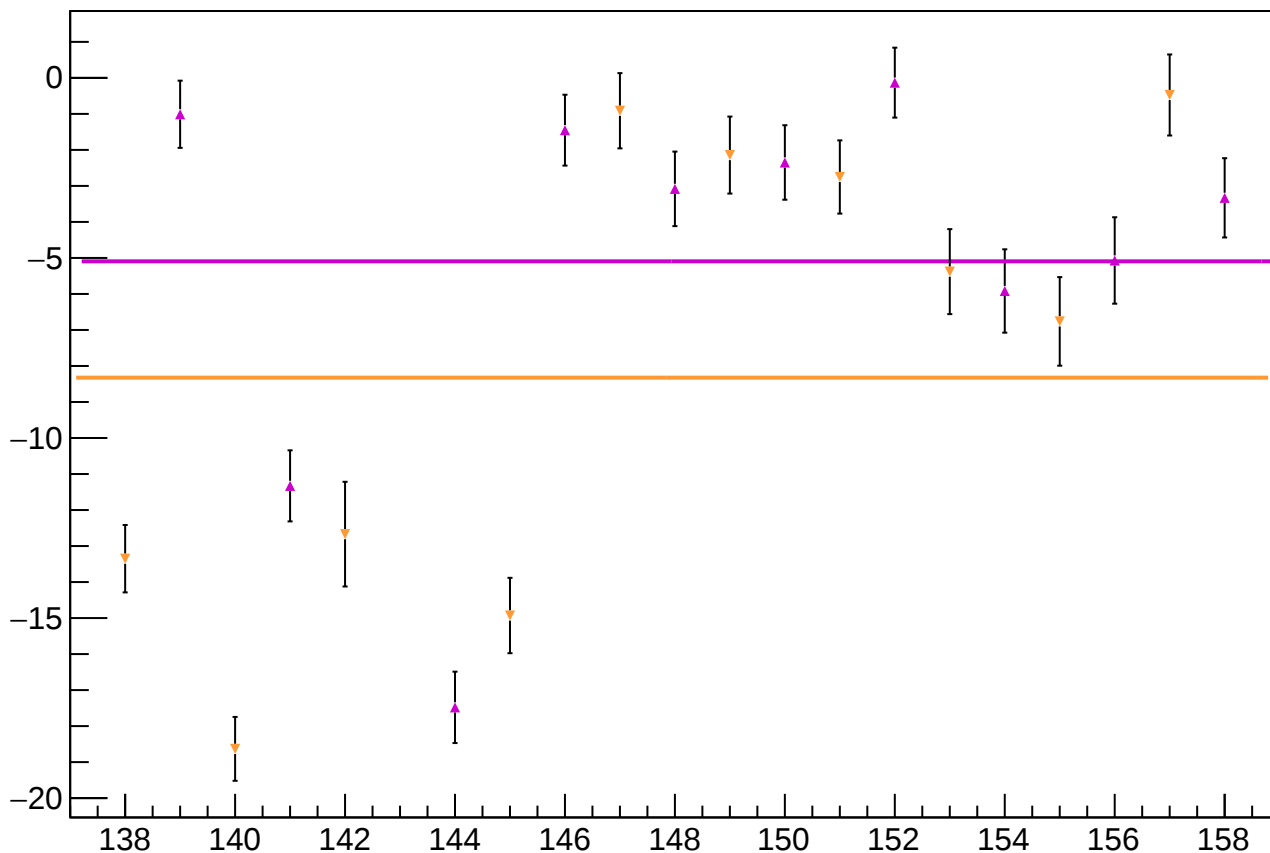
Left In: -41.779 ± 0.020 χ^2/NDF : 88601.9/9

+ sign -41.713 ± 0.017 χ^2/NDF : 133401.2/25

All: -41.717 ± 0.012 χ^2/NDF : 283811.1/53

- sign -41.722 ± 0.017 χ^2/NDF : 150409.7/27

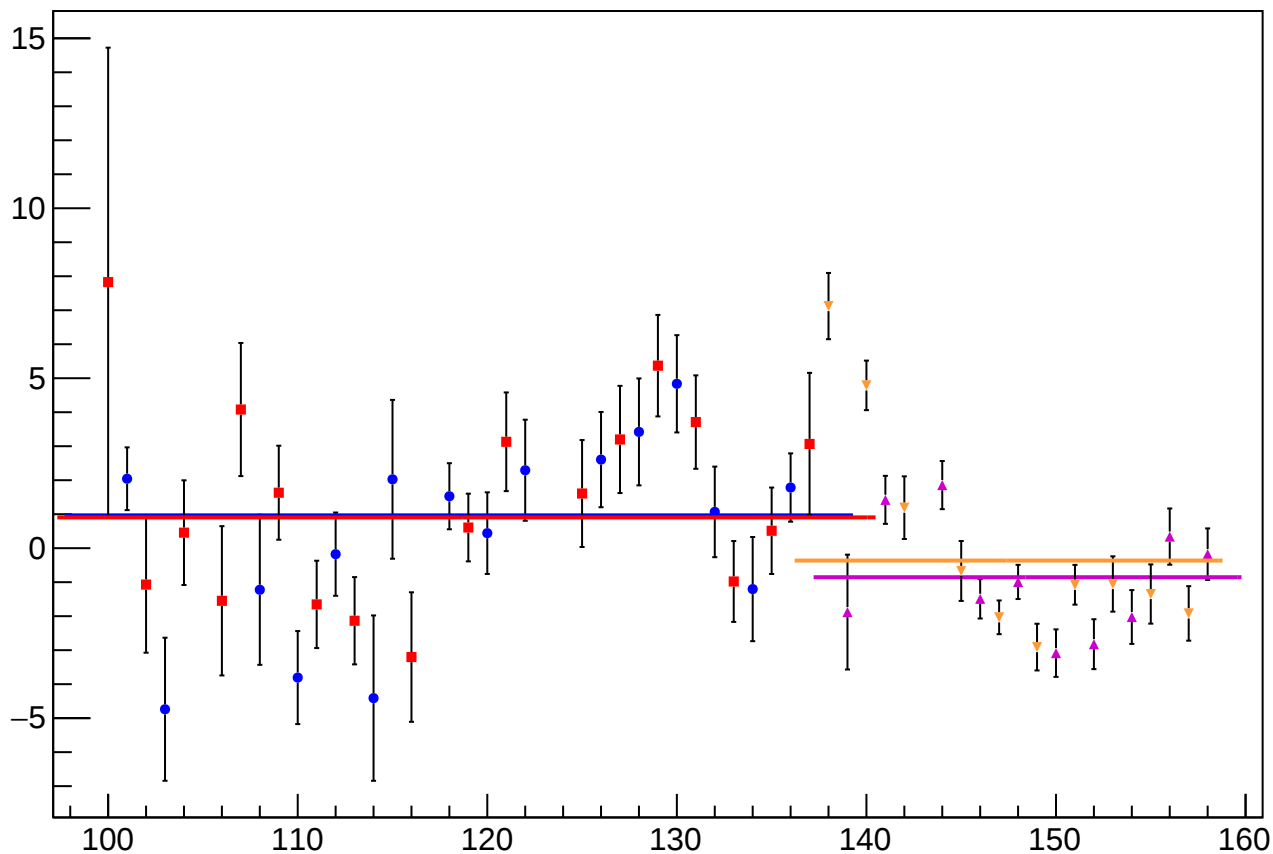
reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.324+/-0.338 χ^2/NDF : 383.1/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.094+/-0.326 χ^2/NDF : 269.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.647+/-0.235 χ^2/NDF : 699.4/19
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: -0.364 ± 0.230 χ^2/NDF : 144.3/9

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

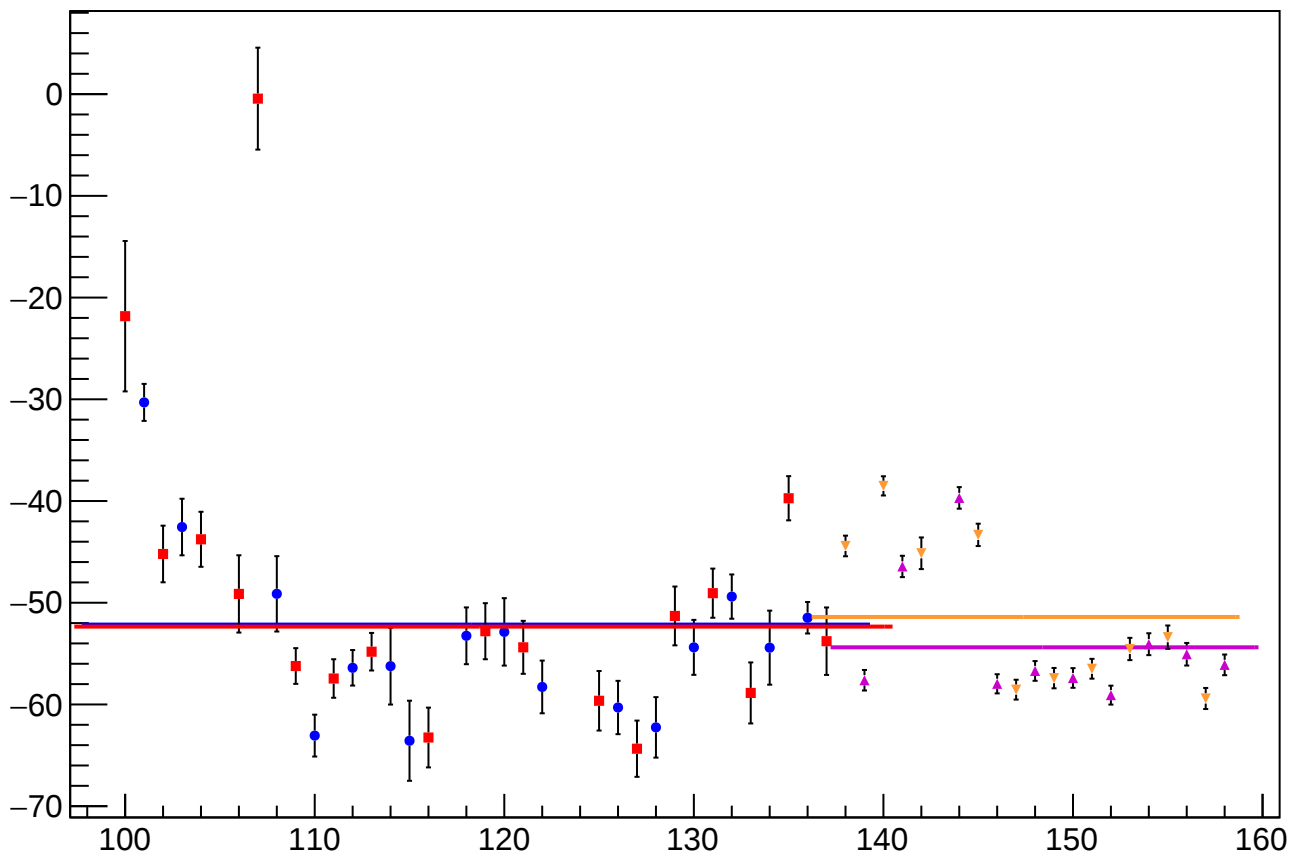
Left In: -0.854 ± 0.224 χ^2/NDF : 49.2/9

+ sign 0.057 ± 0.190 χ^2/NDF : 197.8/25

All: -0.148 ± 0.134 χ^2/NDF : 308.9/53

- sign -0.351 ± 0.189 χ^2/NDF : 108.8/27

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -51.399 ± 0.334 χ^2/NDF : 492.0/9

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

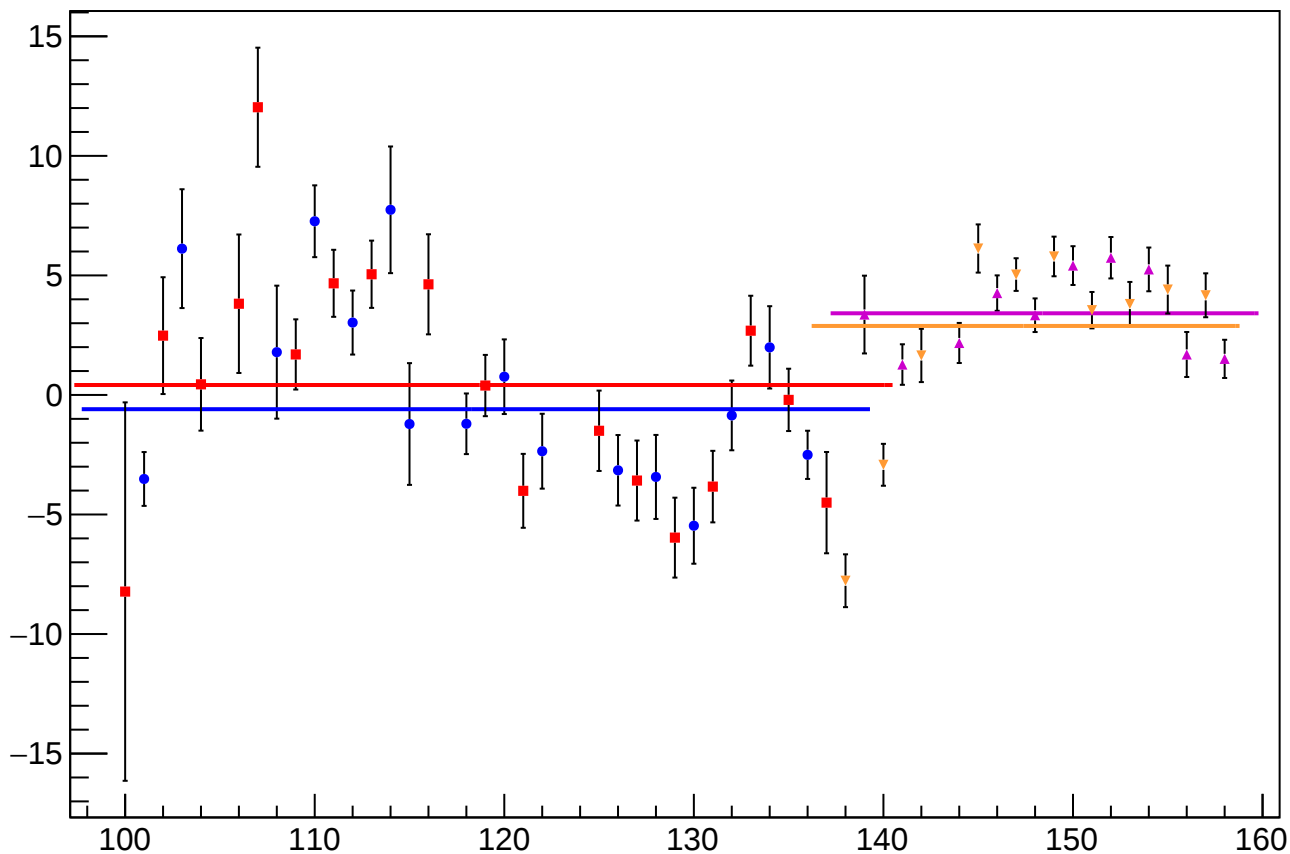
Left In: -54.383 ± 0.319 χ^2/NDF : 318.5/9

+ sign -51.571 ± 0.293 χ^2/NDF : 723.4/25

All: -52.803 ± 0.204 χ^2/NDF : 1320.4/53

- sign -53.952 ± 0.283 χ^2/NDF : 562.9/27

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 2.886 ± 0.282 χ^2/NDF : 176.7/9

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

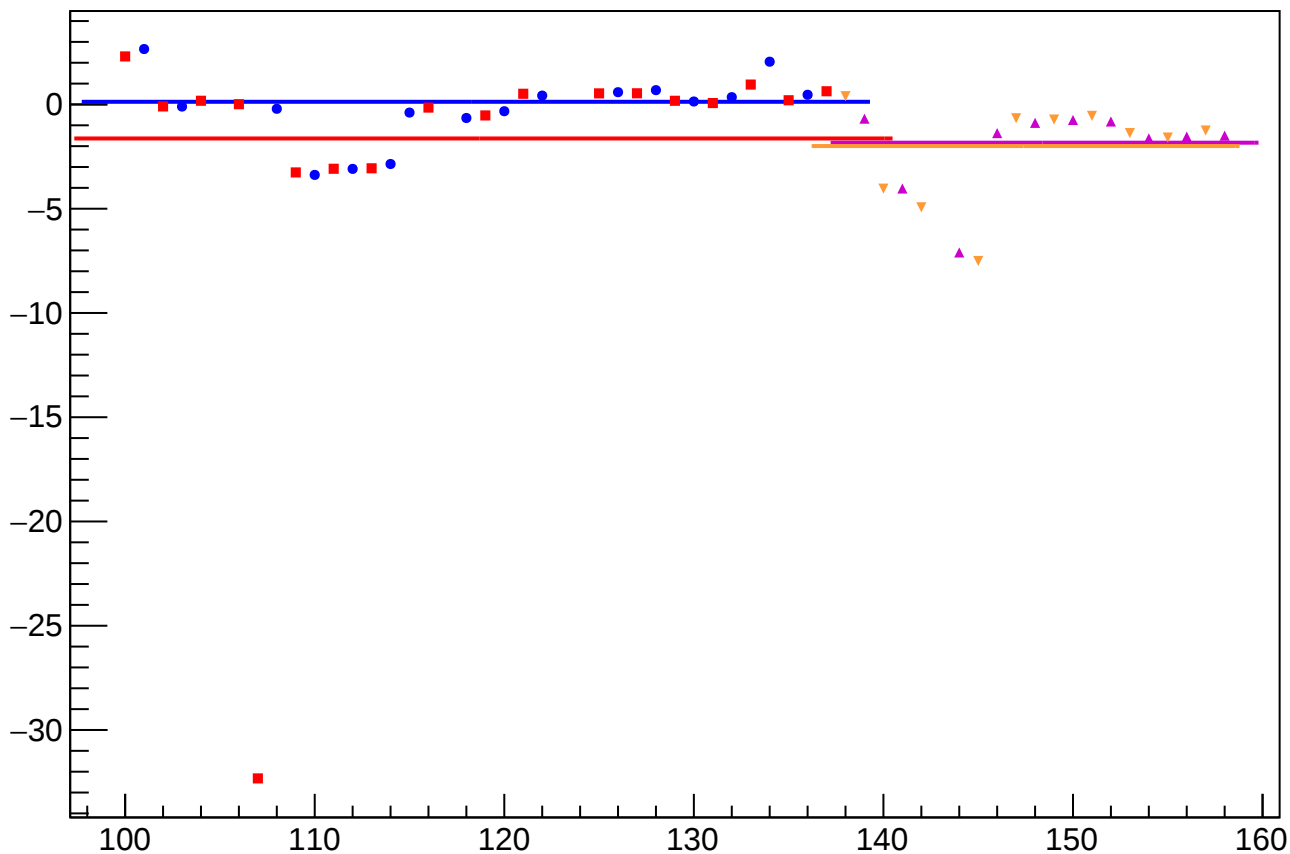
Left In: 3.415 ± 0.269 χ^2/NDF : 36.2/9

+ sign 1.666 ± 0.227 χ^2/NDF : 312.8/25

All: 2.079 ± 0.159 χ^2/NDF : 490.0/53

- sign 2.479 ± 0.223 χ^2/NDF : 170.7/27

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -1.994 ± 0.013 $\chi^2/\text{NDF}: 28309.9/9$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

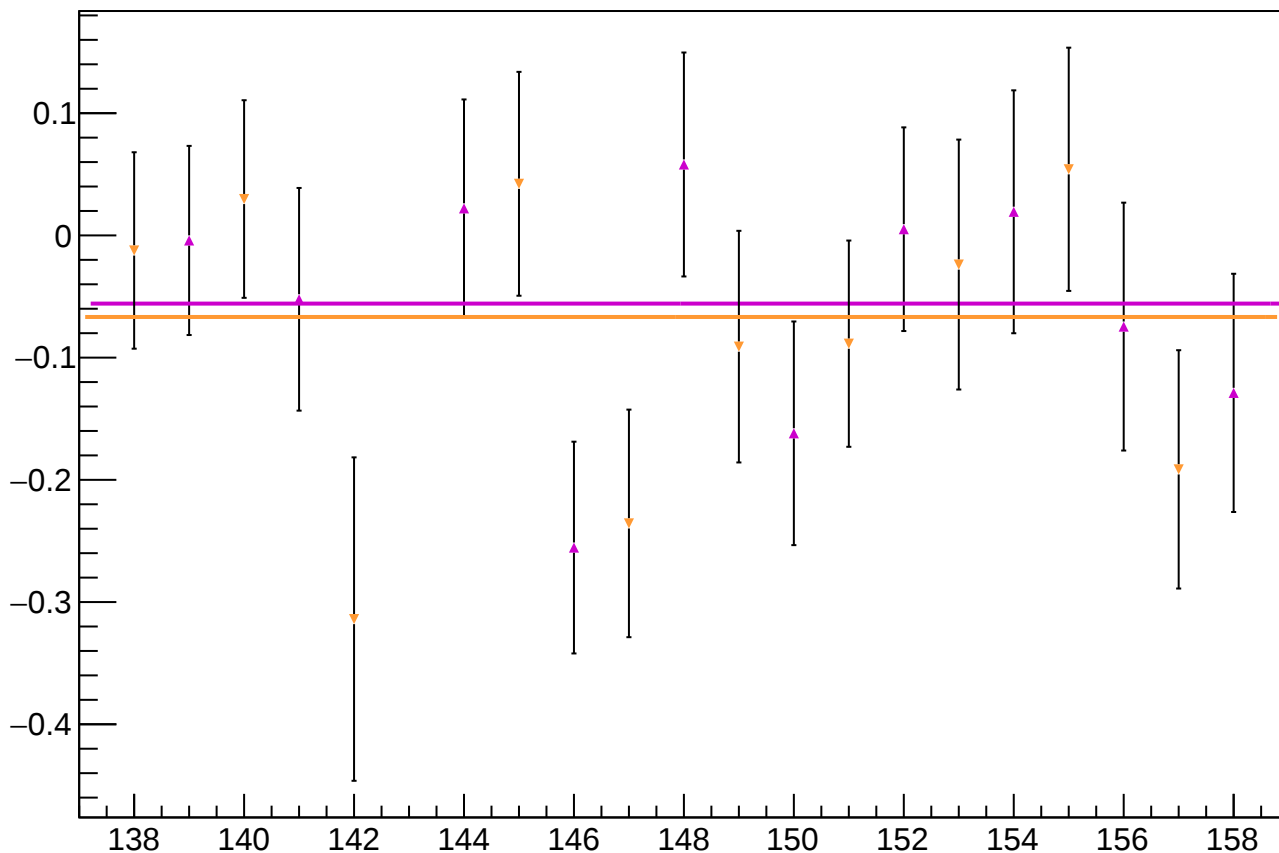
Left In: -1.833 ± 0.012 $\chi^2/\text{NDF}: 18915.6/9$

+ sign -1.411 ± 0.011 $\chi^2/\text{NDF}: 40631.8/25$

All: -1.605 ± 0.008 $\chi^2/\text{NDF}: 138059.3/53$

- sign -1.784 ± 0.011 $\chi^2/\text{NDF}: 96859.0/27$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.067 $\pm$ 0.029 χ^2 /NDF:13.5/9

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

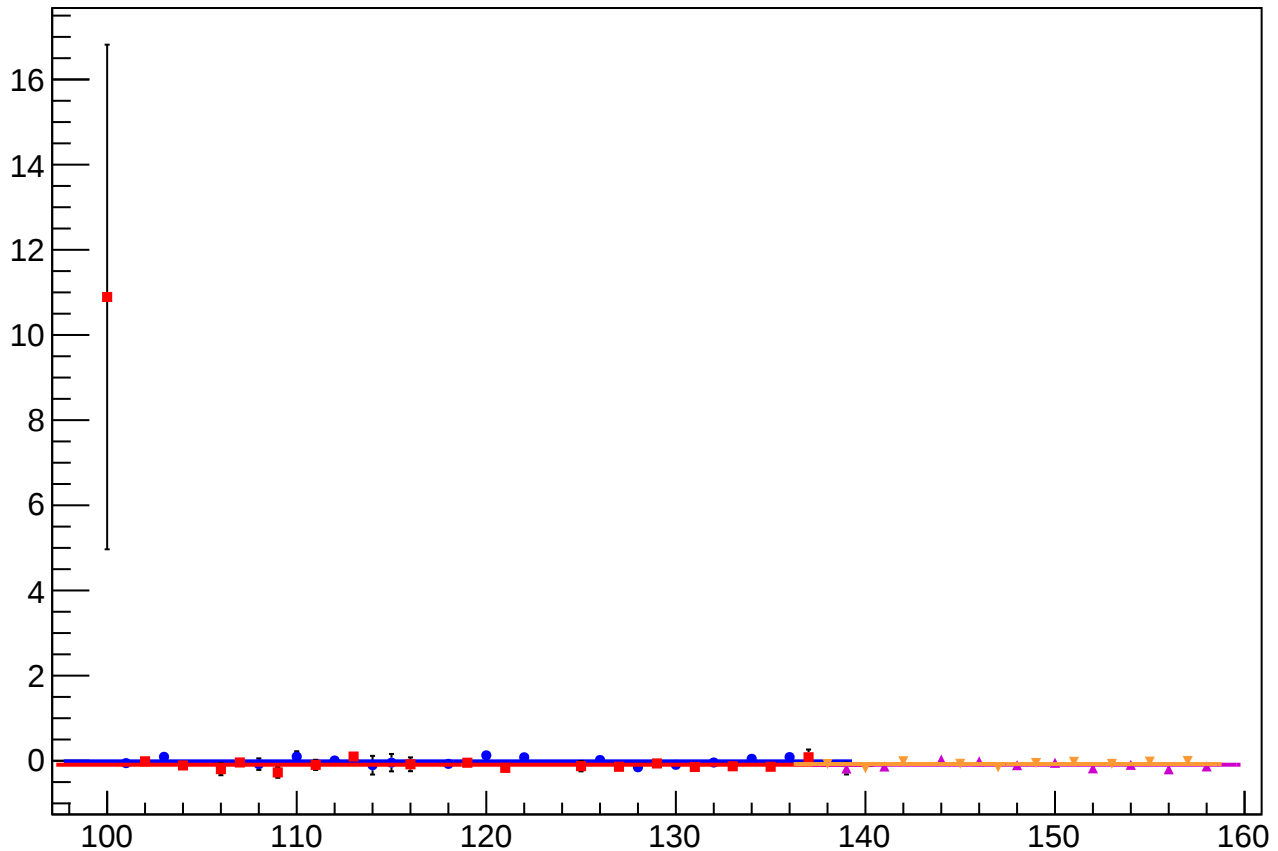
Left In: -0.056 $\pm$ 0.028 χ^2 /NDF:11.1/9

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

All: -0.061 $\pm$ 0.020 χ^2 /NDF: 24.7/19

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

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 $\chi^2/\text{NDF}: 12.2/15$

Left Out: -0.076 ± 0.020 $\chi^2/\text{NDF}: 9.0/9$

Right Out: -0.092 ± 0.025 $\chi^2/\text{NDF}: 12.7/17$

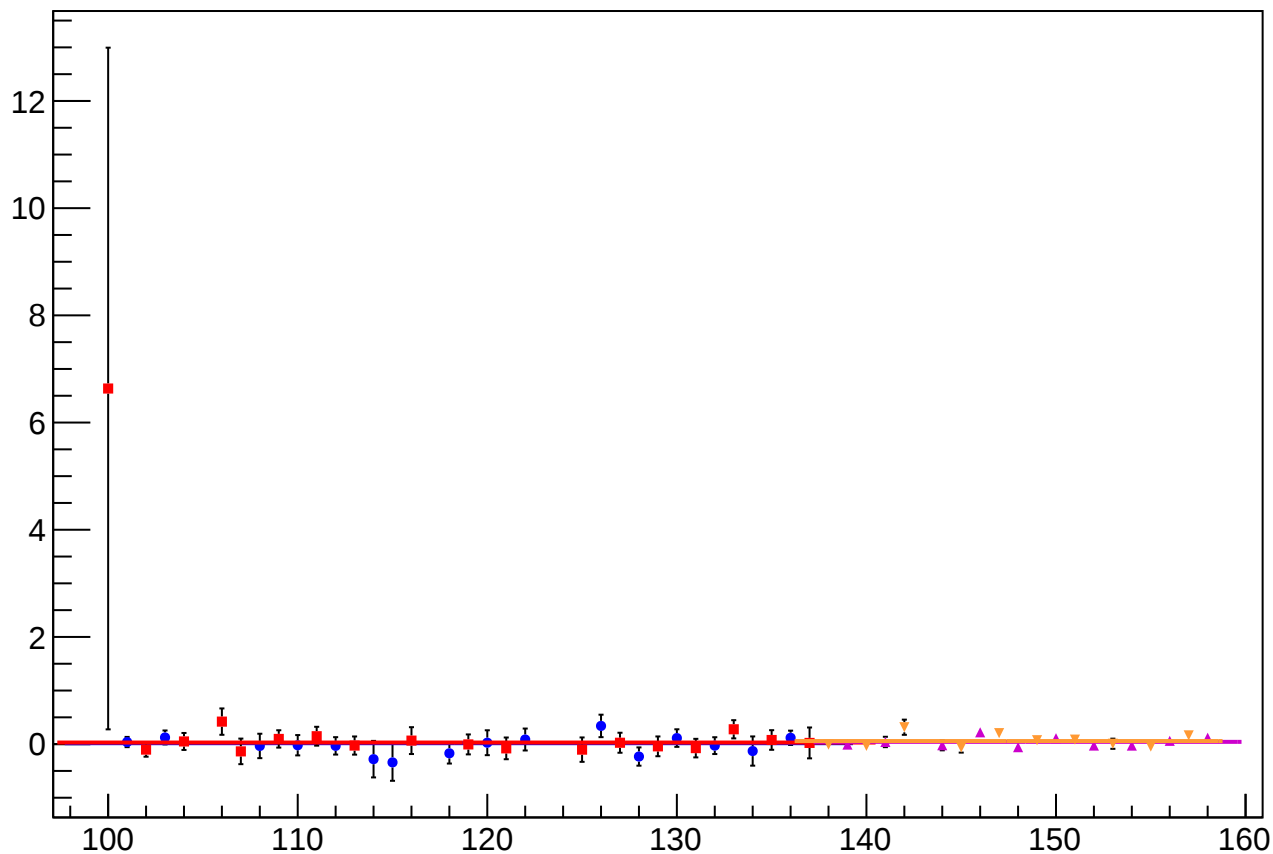
Left In: -0.092 ± 0.020 $\chi^2/\text{NDF}: 11.9/9$

+ sign -0.049 ± 0.015 $\chi^2/\text{NDF}: 25.3/25$

All: -0.070 ± 0.011 $\chi^2/\text{NDF}: 53.9/53$

- sign -0.092 ± 0.015 $\chi^2/\text{NDF}: 24.6/27$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 9.6/15

Left Out: 0.058 ± 0.029 χ^2/NDF : 12.5/9

Right Out: 0.030 ± 0.045 χ^2/NDF : 9.2/17

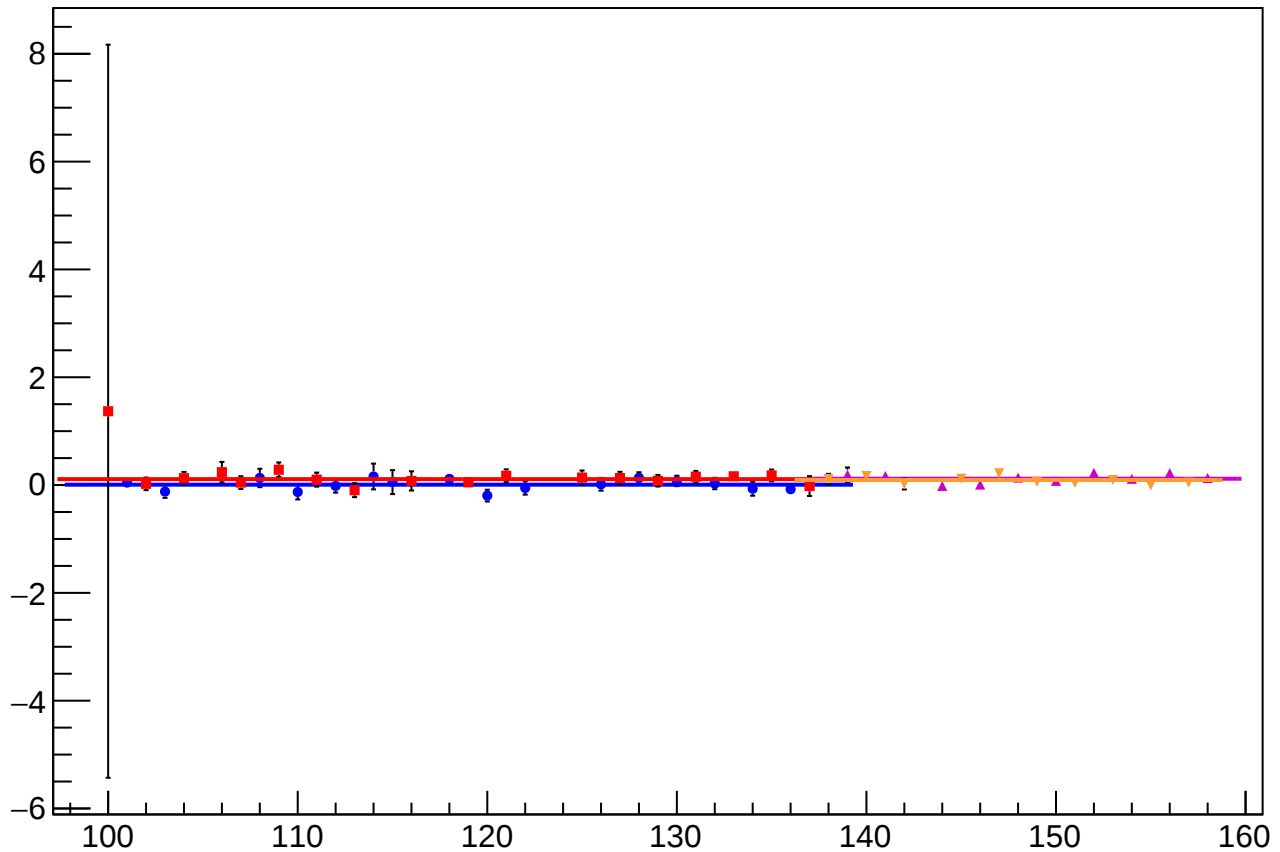
Left In: 0.042 ± 0.028 χ^2/NDF : 9.5/9

+ sign 0.045 ± 0.024 χ^2/NDF : 22.7/25

All: 0.042 ± 0.017 χ^2/NDF : 41.5/53

- sign 0.039 ± 0.024 χ^2/NDF : 18.7/27

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.094 ± 0.025 χ^2/NDF : 8.5/9

Right Out: 0.110 ± 0.029 χ^2/NDF : 8.0/17

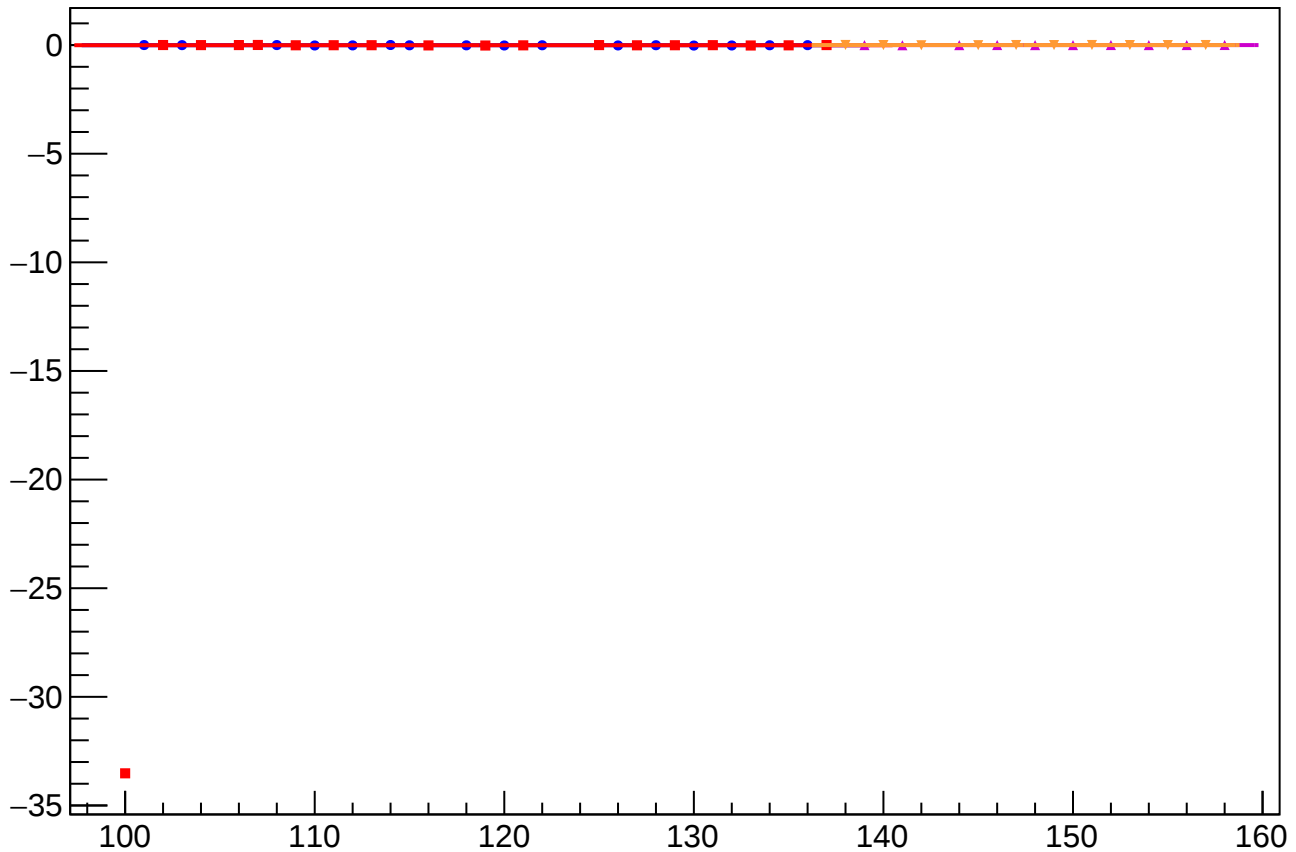
Left In: 0.118 ± 0.024 χ^2/NDF : 10.9/9

+ sign 0.054 ± 0.018 χ^2/NDF : 26.3/25

All: 0.084 ± 0.013 χ^2/NDF : 50.7/53

- sign 0.114 ± 0.018 χ^2/NDF : 19.0/27

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 22.6/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 7.0/9

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

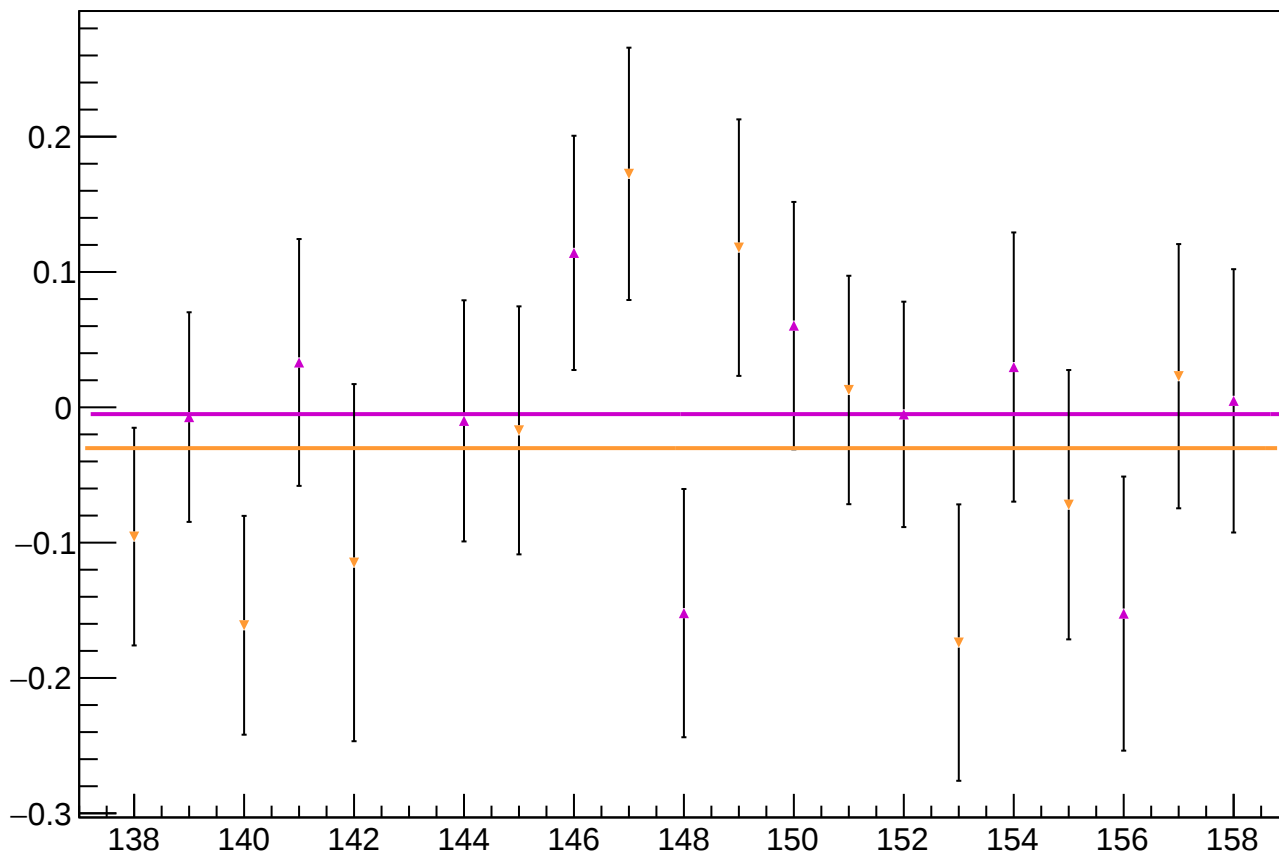
Left In: 0.000 ± 0.001 χ^2/NDF : 7.1/9

+ sign -0.001 ± 0.001 χ^2/NDF : 41.7/25

All: -0.002 ± 0.001 χ^2/NDF : 26568.6/53

- sign -0.002 ± 0.001 χ^2/NDF : 26526.7/27

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.030+/-0.029 χ^2/NDF : 13.6/9

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

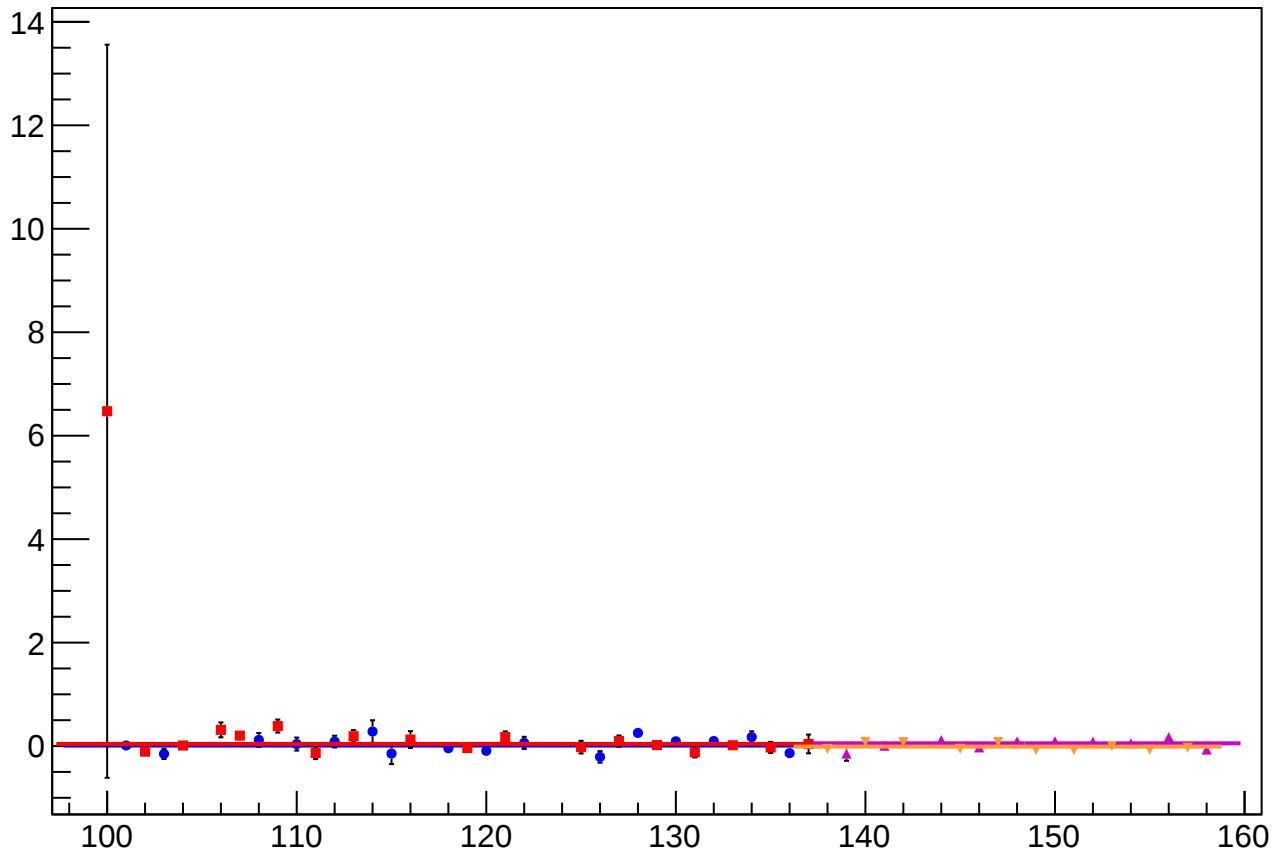
Left In: -0.005+/-0.028 χ^2/NDF : 7.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.020 χ^2/NDF : 21.4/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 25.4/15

Left Out: -0.010 ± 0.020 χ^2/NDF : 11.6/9

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

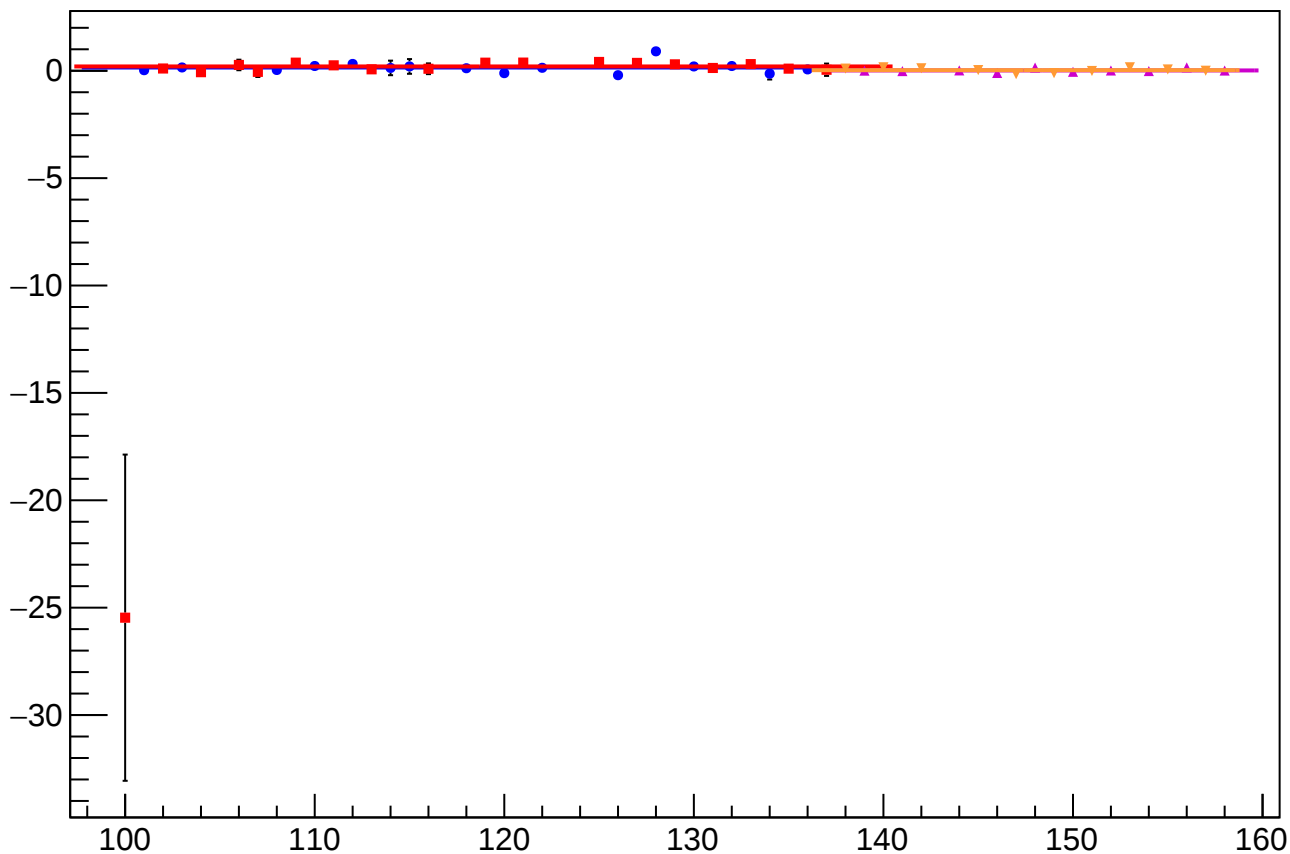
Left In: 0.053 ± 0.020 χ^2/NDF : 13.3/9

+ sign -0.001 ± 0.015 χ^2/NDF : 37.5/25

All: 0.023 ± 0.011 χ^2/NDF : 84.0/53

- sign 0.048 ± 0.015 χ^2/NDF : 41.4/27

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.027 ± 0.029 χ^2/NDF : 13.1/9

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

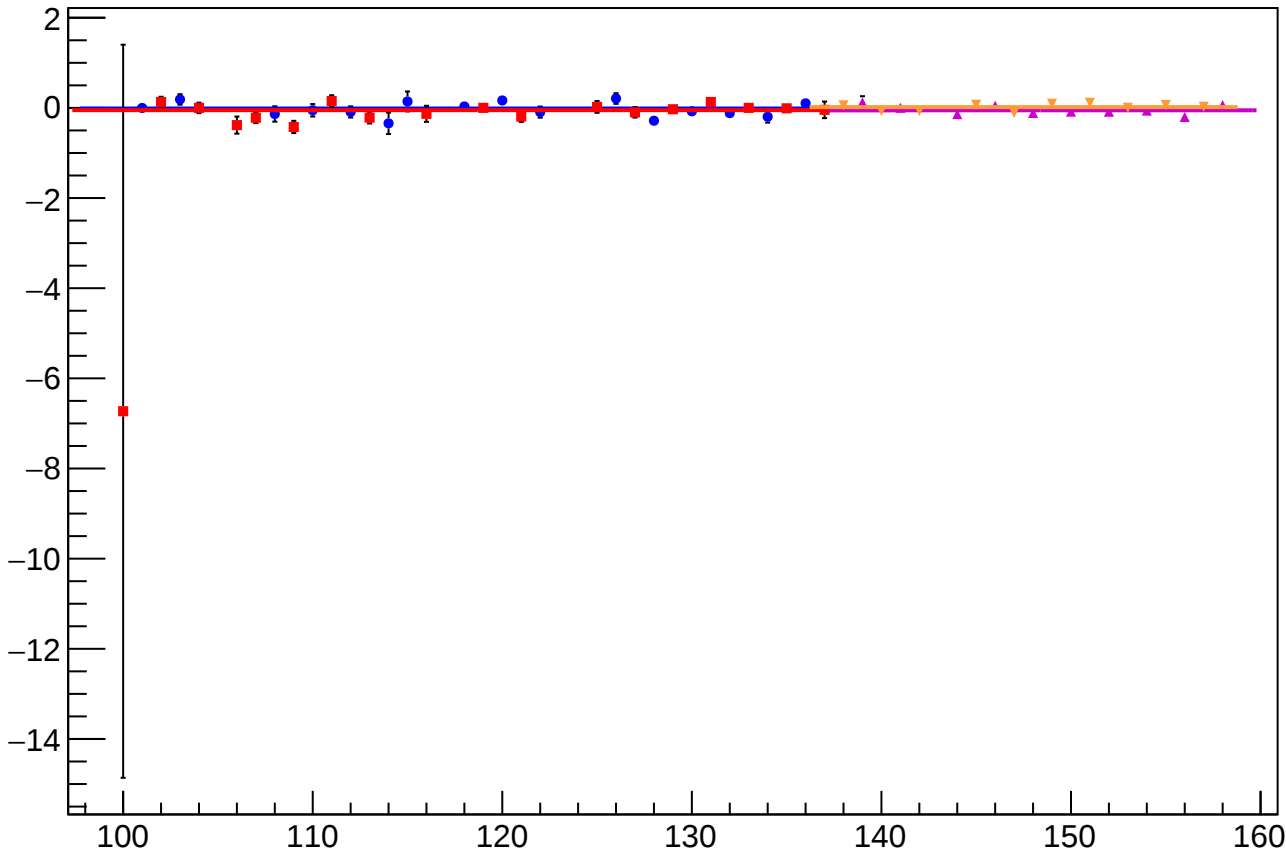
Left In: 0.015 ± 0.028 χ^2/NDF : 7.4/9

+ sign 0.066 ± 0.024 χ^2/NDF : 47.7/25

All: 0.066 ± 0.017 χ^2/NDF : 90.3/53

- sign 0.066 ± 0.024 χ^2/NDF : 42.6/27

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.017+/-0.025 $\chi^2/\text{NDF}: 10.5/9$

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

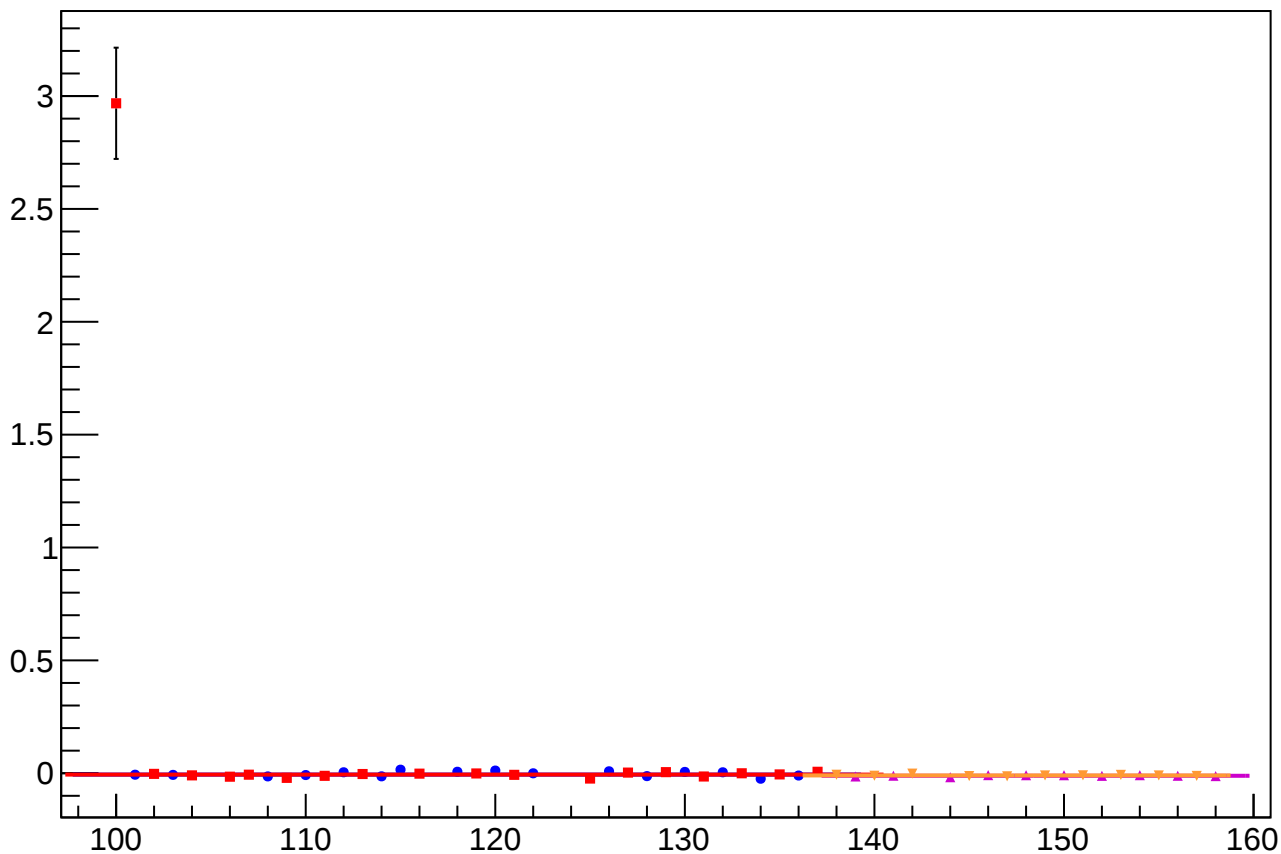
Left In: -0.053+/-0.024 χ^2/NDF :13.3/9

+ sign 0.003 $\pm$ 0.018 χ^2 /NDF: 36.4/25

All: -0.024 ± 0.013 χ^2/NDF : 80.0/53

- sign -0.052 ± 0.018 χ^2/NDF : 39.1/27

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.010 ± 0.001 χ^2/NDF : 5.5/9

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

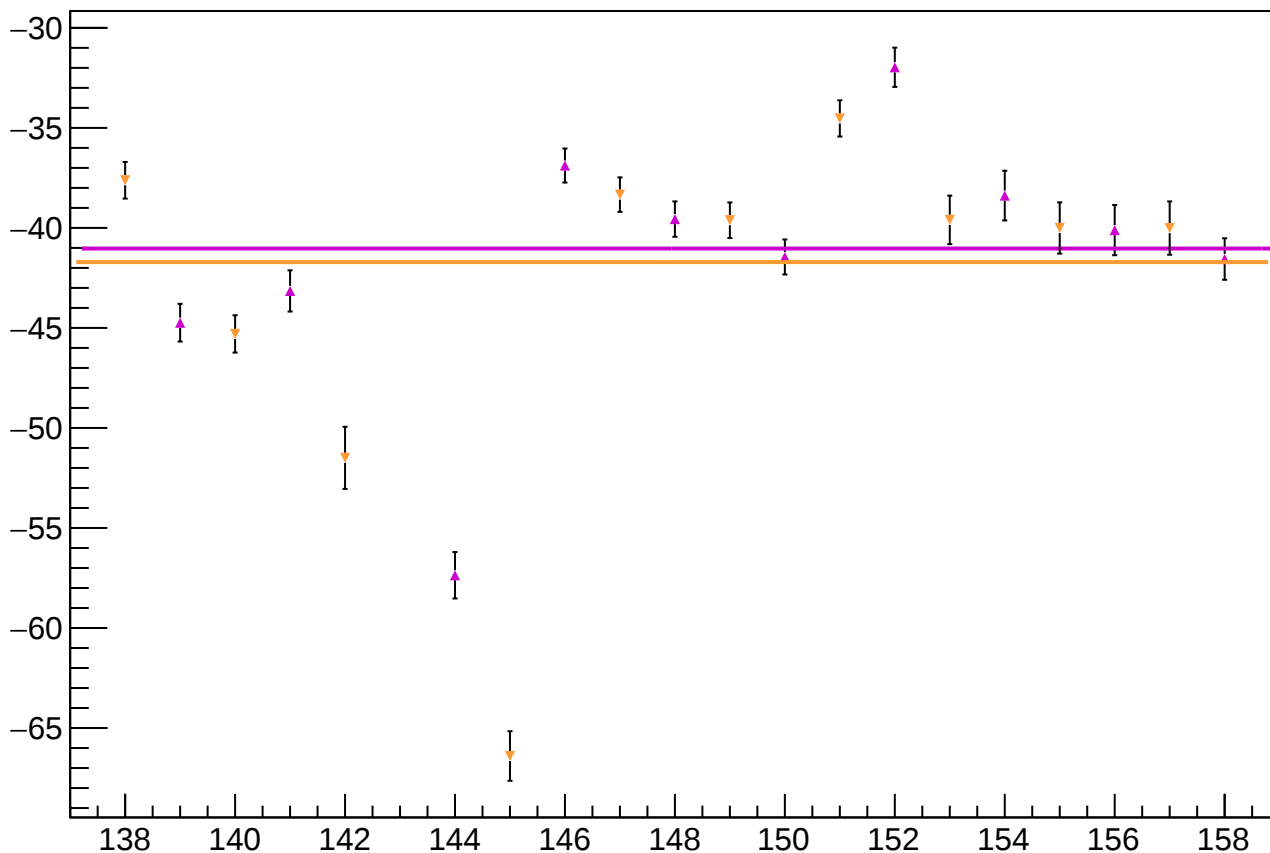
Left In: -0.011 ± 0.001 χ^2/NDF : 5.7/9

+ sign -0.008 ± 0.001 χ^2/NDF : 38.6/25

All: -0.009 ± 0.001 χ^2/NDF : 219.3/53

- sign -0.009 ± 0.001 χ^2/NDF : 180.0/27

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.709+/-0.332 χ^2/NDF : 561.3/9

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

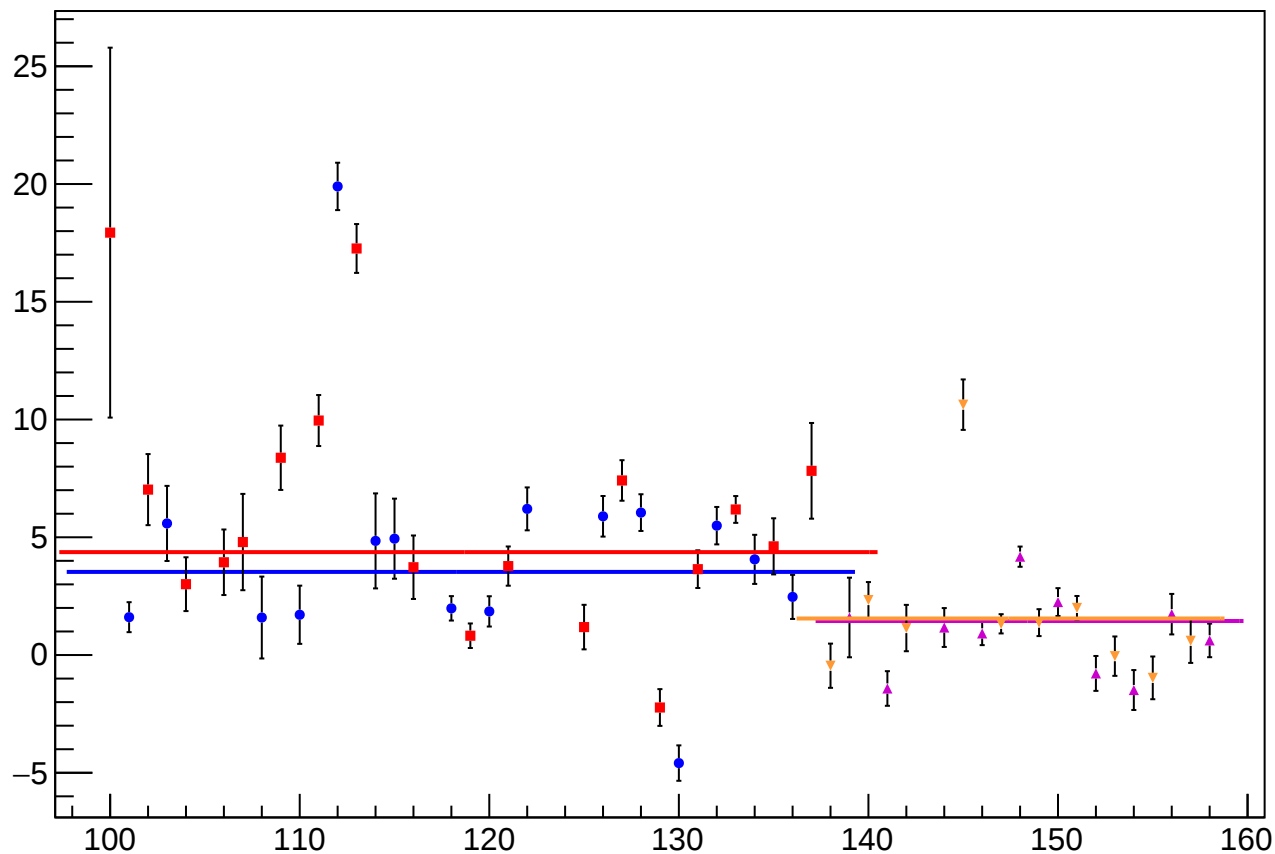
Left In: -41.030+/-0.316 χ^2/NDF : 335.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.353+/-0.229 χ^2/NDF : 898.9/19

- 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: 1.551 ± 0.216 $\chi^2/\text{NDF}: 91.2/9$

Right Out: 4.370 ± 0.225 $\chi^2/\text{NDF}: 353.8/17$

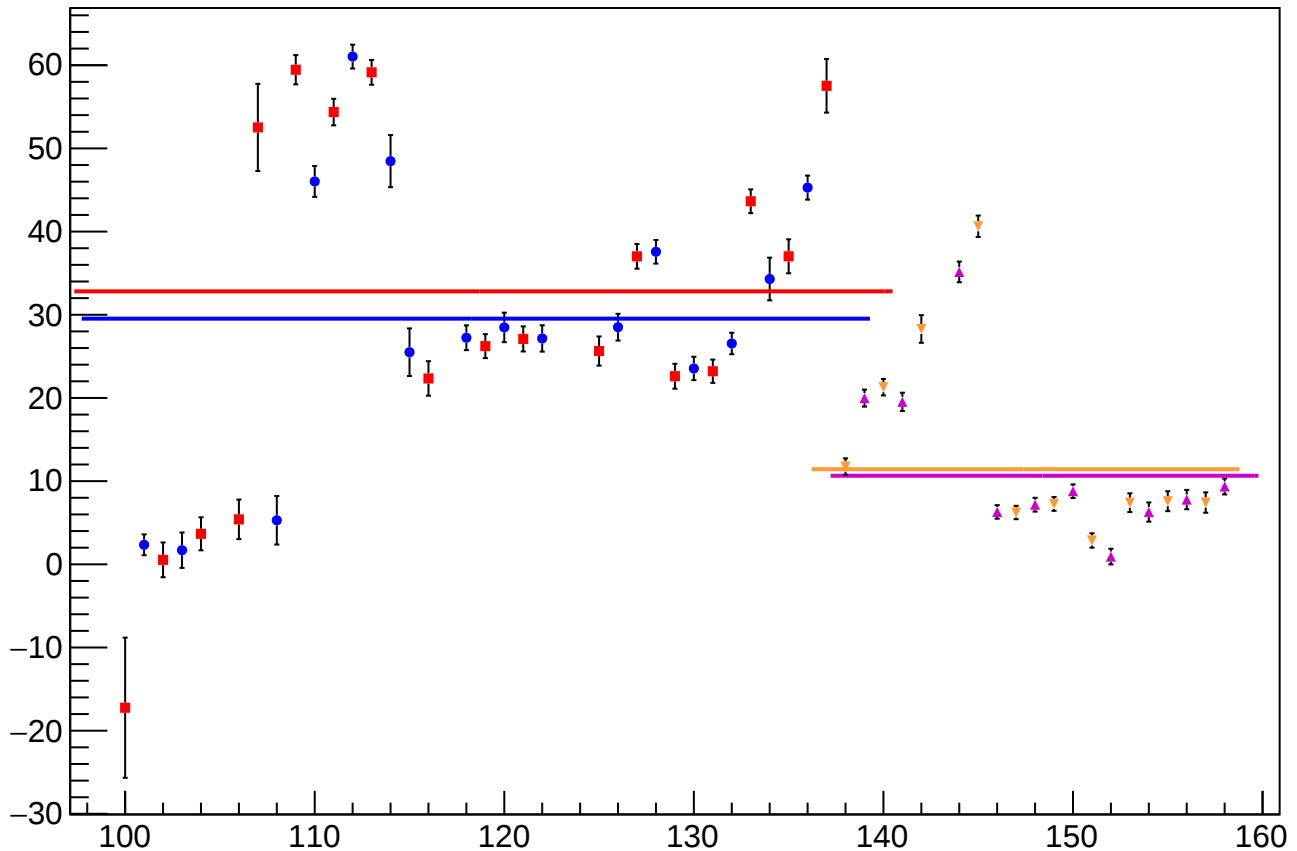
Left In: 1.445 ± 0.211 $\chi^2/\text{NDF}: 81.3/9$

+ sign 2.533 ± 0.153 $\chi^2/\text{NDF}: 579.5/25$

All: 2.670 ± 0.109 $\chi^2/\text{NDF}: 1106.1/53$

- sign 2.808 ± 0.154 $\chi^2/\text{NDF}: 525.0/27$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 $\pm$ 0.417 χ^2 /NDF: 1494.9/15

Left Out: 11.436 $\pm$ 0.325 χ^2 /NDF: 915.7/9

Right Out: 32.816 $\pm$ 0.423 χ^2 /NDF: 1659.3/17

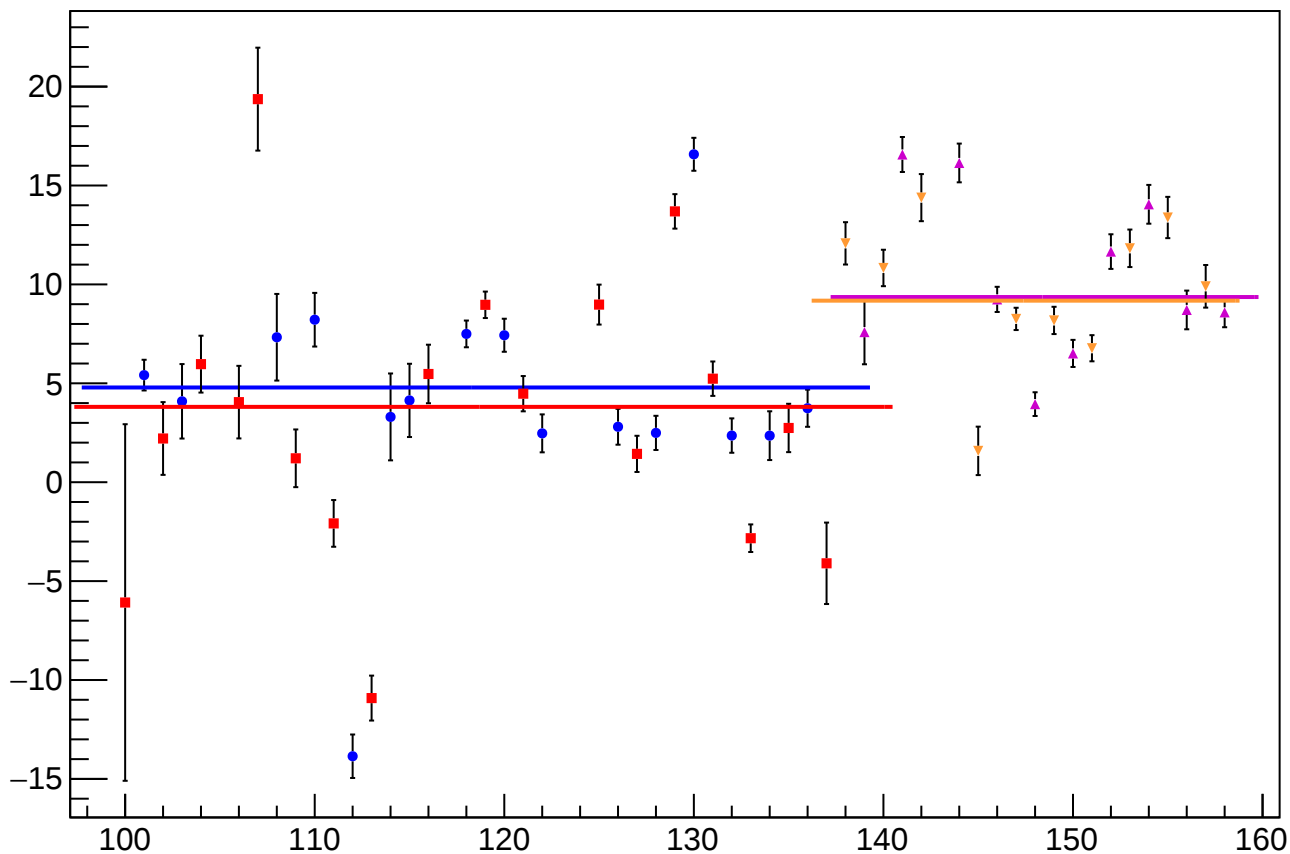
Left In: 10.651 $\pm$ 0.307 χ^2 /NDF: 719.9/9

+ sign 18.278 $\pm$ 0.256 χ^2 /NDF: 3583.6/25

All: 18.288 $\pm$ 0.178 χ^2 /NDF: 7762.5/53

- sign 18.298 $\pm$ 0.248 χ^2 /NDF: 4178.9/27

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 $\pm$ 0.251 χ^2 /NDF: 553.9/15

Left Out: 9.178 $\pm$ 0.269 χ^2 /NDF:110.6/9

Right Out: 3.809 $\pm$ 0.259 χ^2 /NDF: 567.6/17

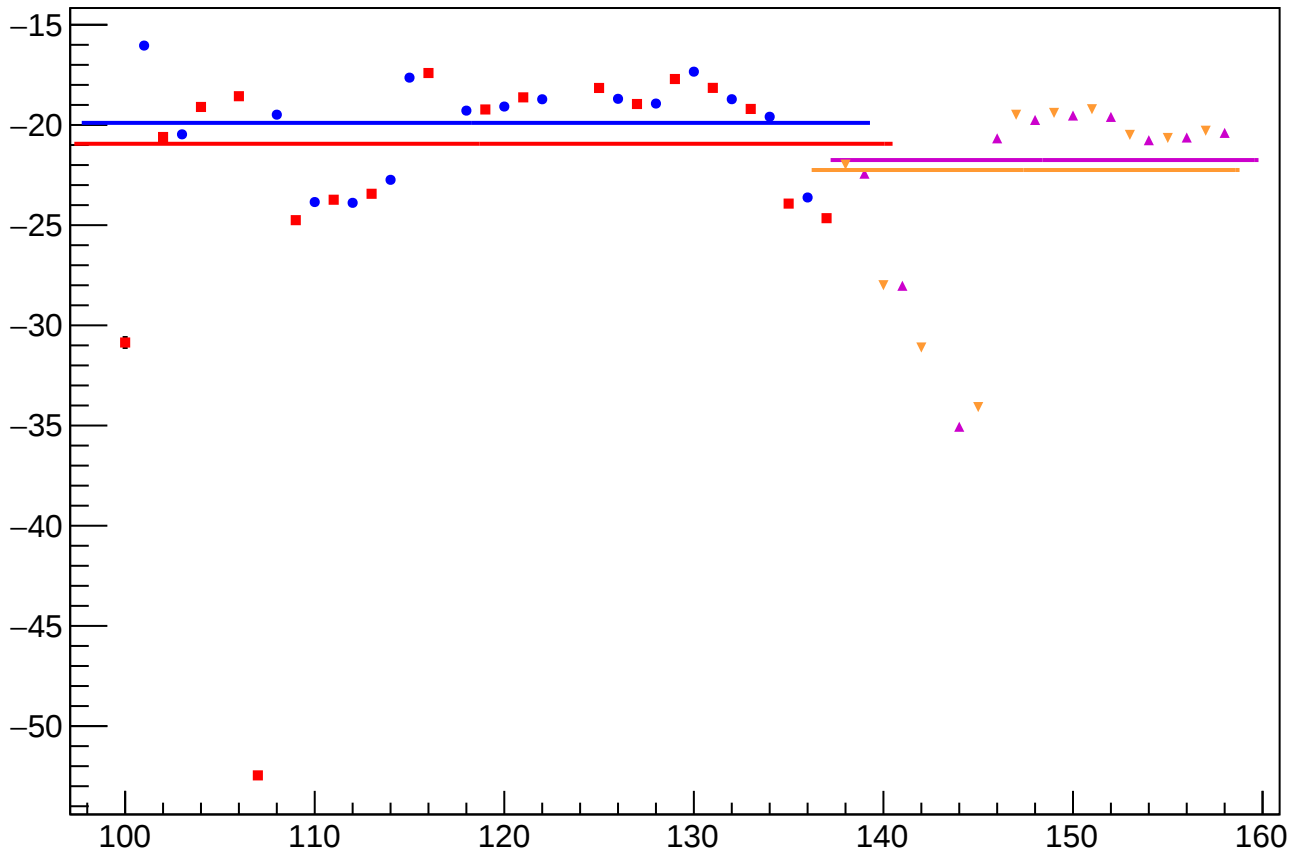
Left In: 9.362 $\pm$ 0.256 χ^2 /NDF:245.6/9

+ sign 6.837 $\pm$ 0.183 χ^2 /NDF: 807.0/25

All: 6.725 $\pm$ 0.129 χ^2 /NDF: 1853.4/53

- sign 6.615 $\pm$ 0.182 χ^2 /NDF: 1045.7/27

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 $\chi^2/\text{NDF}: 26073.6/15$

Left Out: -22.247 ± 0.013 $\chi^2/\text{NDF}: 112896.9/9$

Right Out: -20.938 ± 0.016 $\chi^2/\text{NDF}: 94065.2/17$

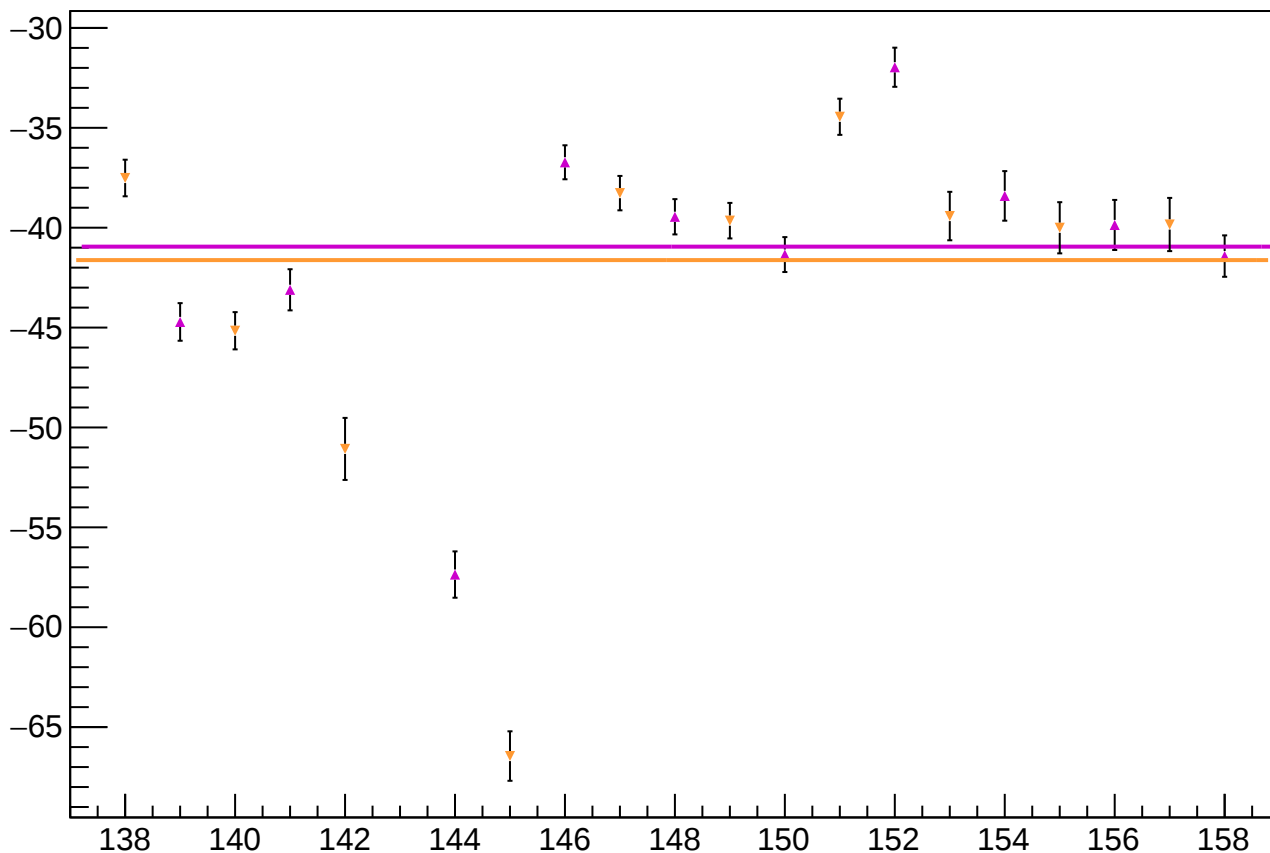
Left In: -21.751 ± 0.012 $\chi^2/\text{NDF}: 94533.0/9$

+ sign -21.265 ± 0.010 $\chi^2/\text{NDF}: 152266.4/25$

All: -21.360 ± 0.007 $\chi^2/\text{NDF}: 342709.4/53$

- sign -21.447 ± 0.010 $\chi^2/\text{NDF}: 190271.8/27$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -41.622+/-0.332 χ^2/NDF : 562.9/9

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

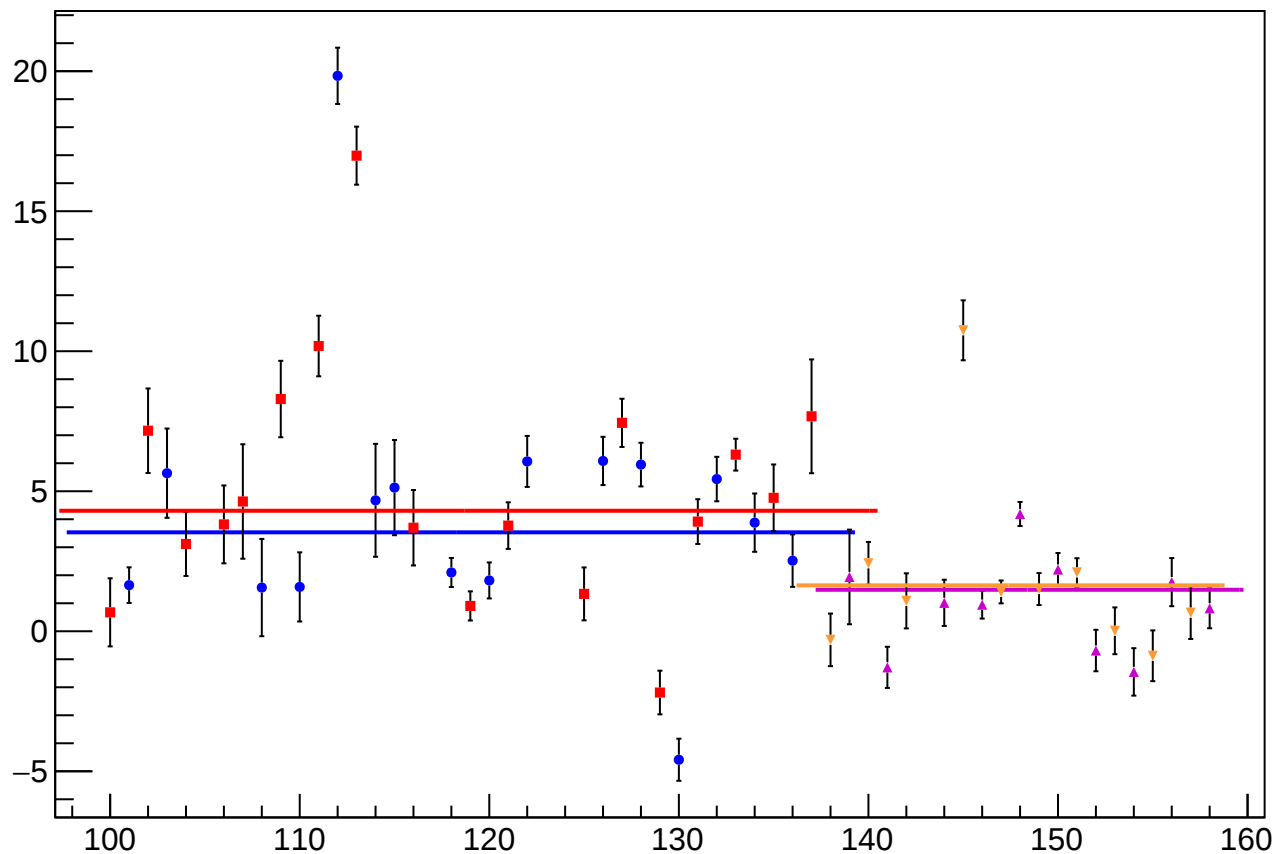
Left In: -40.948+/-0.316 χ^2/NDF : 337.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.269+/-0.229 χ^2/NDF : 902.7/19

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.640 ± 0.216 $\chi^2/\text{NDF}: 91.8/9$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

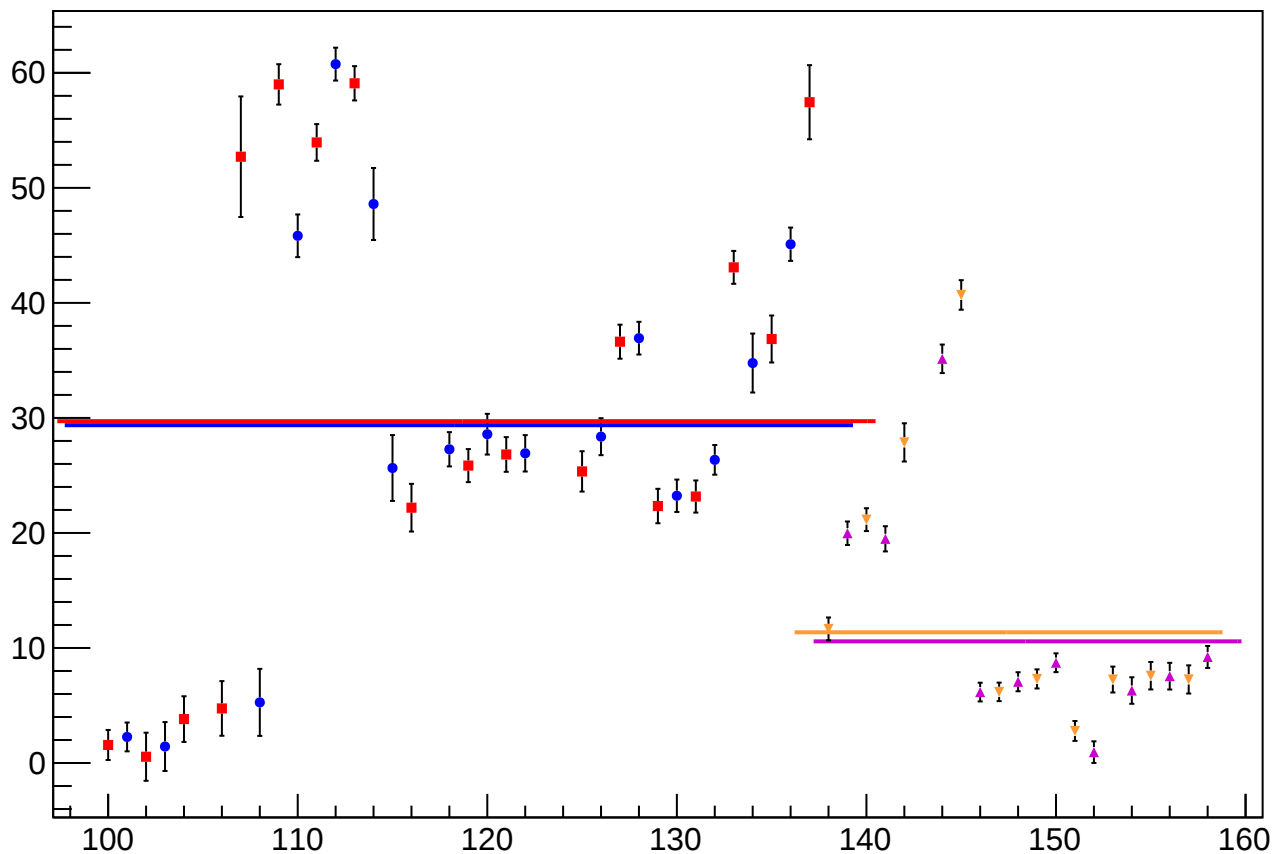
Left In: 1.481 ± 0.210 $\chi^2/\text{NDF}: 78.6/9$

+ sign 2.580 ± 0.153 $\chi^2/\text{NDF}: 573.3/25$

All: 2.700 ± 0.108 $\chi^2/\text{NDF}: 1091.2/53$

- sign 2.820 ± 0.153 $\chi^2/\text{NDF}: 516.7/27$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 11.363 $\pm$ 0.325 χ^2 /NDF: 914.7/9

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

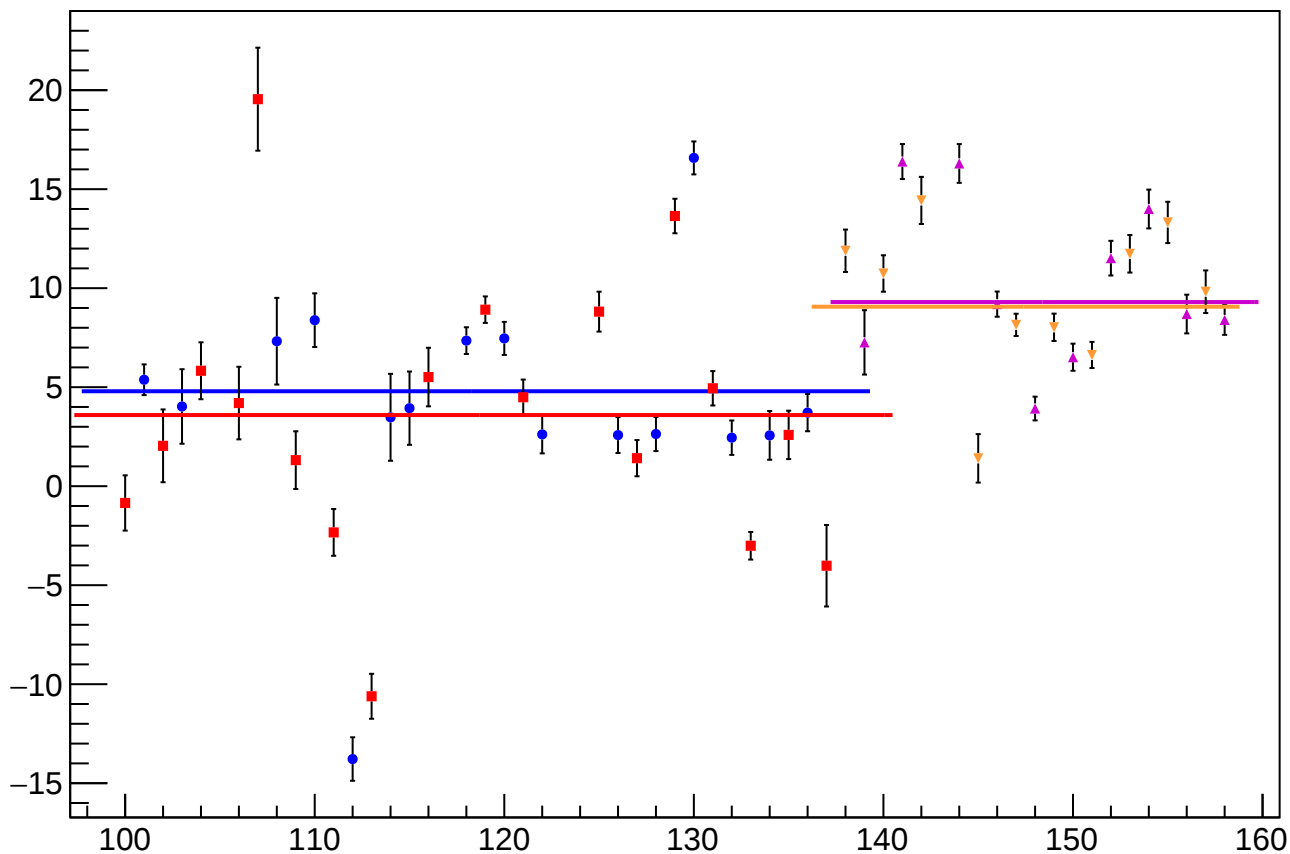
Left In: 10.576 $\pm$ 0.307 χ^2 /NDF: 723.8/9

+ sign 18.171 $\pm$ 0.256 χ^2 /NDF: 3565.5/25

All: 17.876 $\pm$ 0.177 χ^2 /NDF: 7852.7/53

- sign 17.608 $\pm$ 0.244 χ^2 /NDF: 4284.7/27

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 9.063 ± 0.268 $\chi^2/\text{NDF}: 113.4/9$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

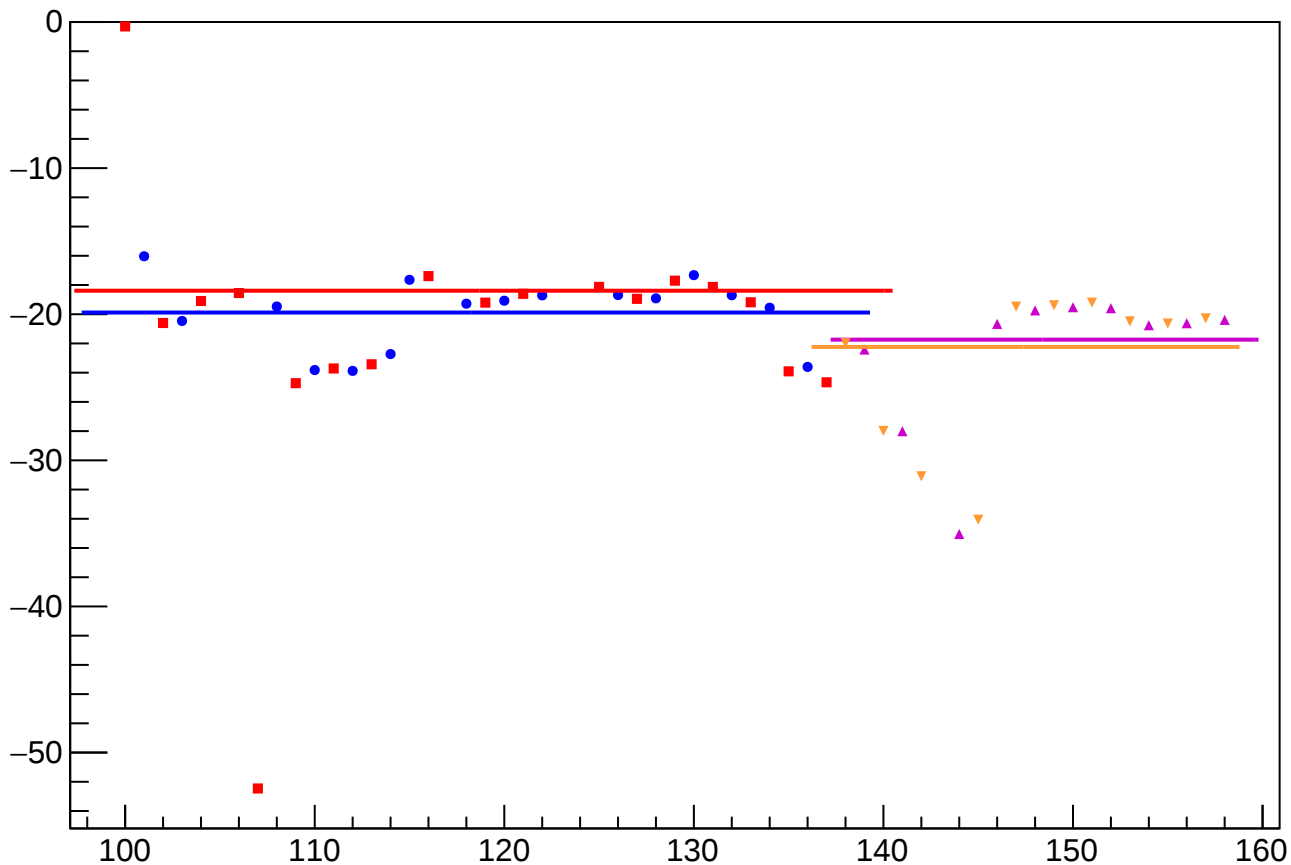
Left In: 9.299 ± 0.256 $\chi^2/\text{NDF}: 245.5/9$

+ sign 6.786 ± 0.183 $\chi^2/\text{NDF}: 798.3/25$

All: 6.604 ± 0.129 $\chi^2/\text{NDF}: 1869.2/53$

- sign 6.428 ± 0.180 $\chi^2/\text{NDF}: 1068.9/27$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -22.239 ± 0.013 $\chi^2/\text{NDF}: 112967.8/9$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

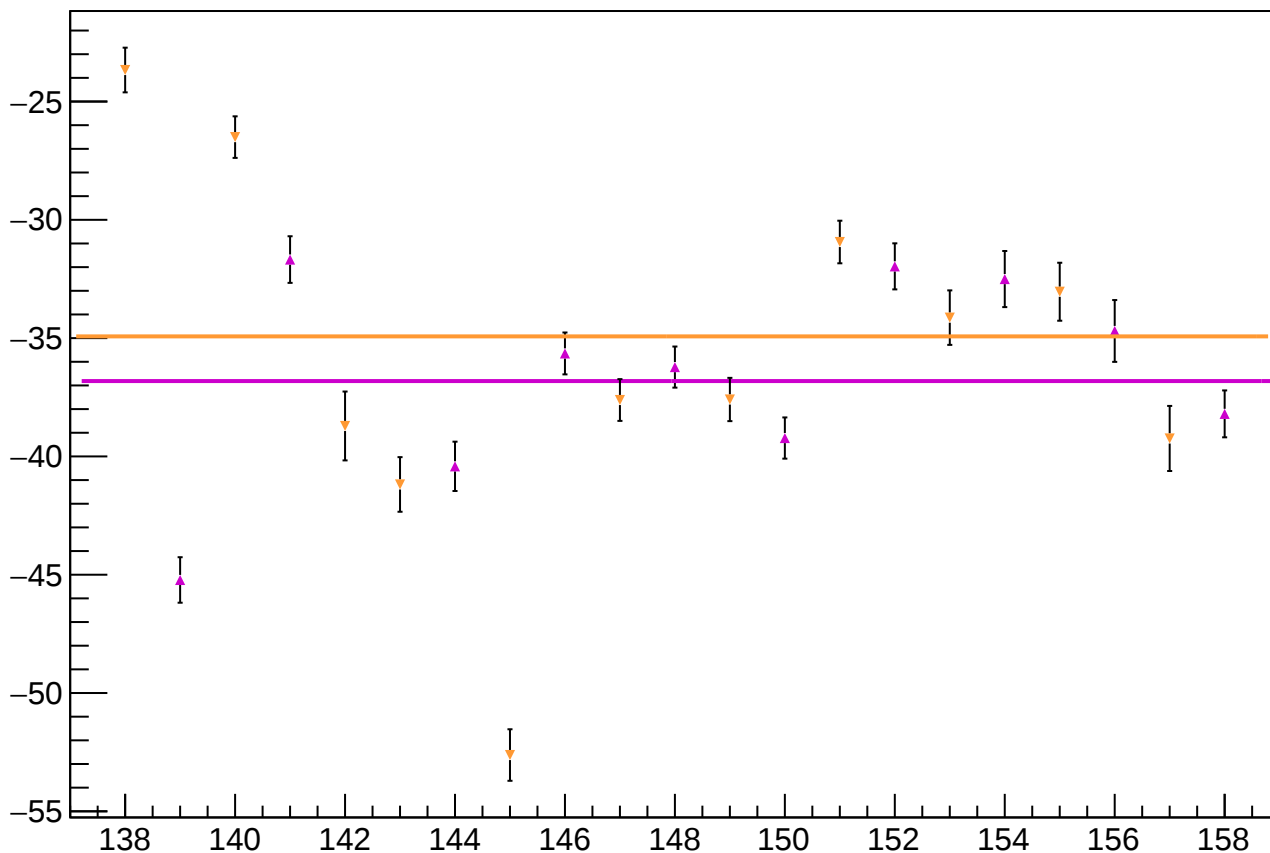
Left In: -21.740 ± 0.012 $\chi^2/\text{NDF}: 94478.5/9$

+ sign -21.255 ± 0.010 $\chi^2/\text{NDF}: 152384.0/25$

All: -20.791 ± 0.007 $\chi^2/\text{NDF}: 582909.0/53$

- sign -20.388 ± 0.009 $\chi^2/\text{NDF}: 426536.4/27$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.927 $\pm$ 0.314 χ^2 /NDF: 584.3/10

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

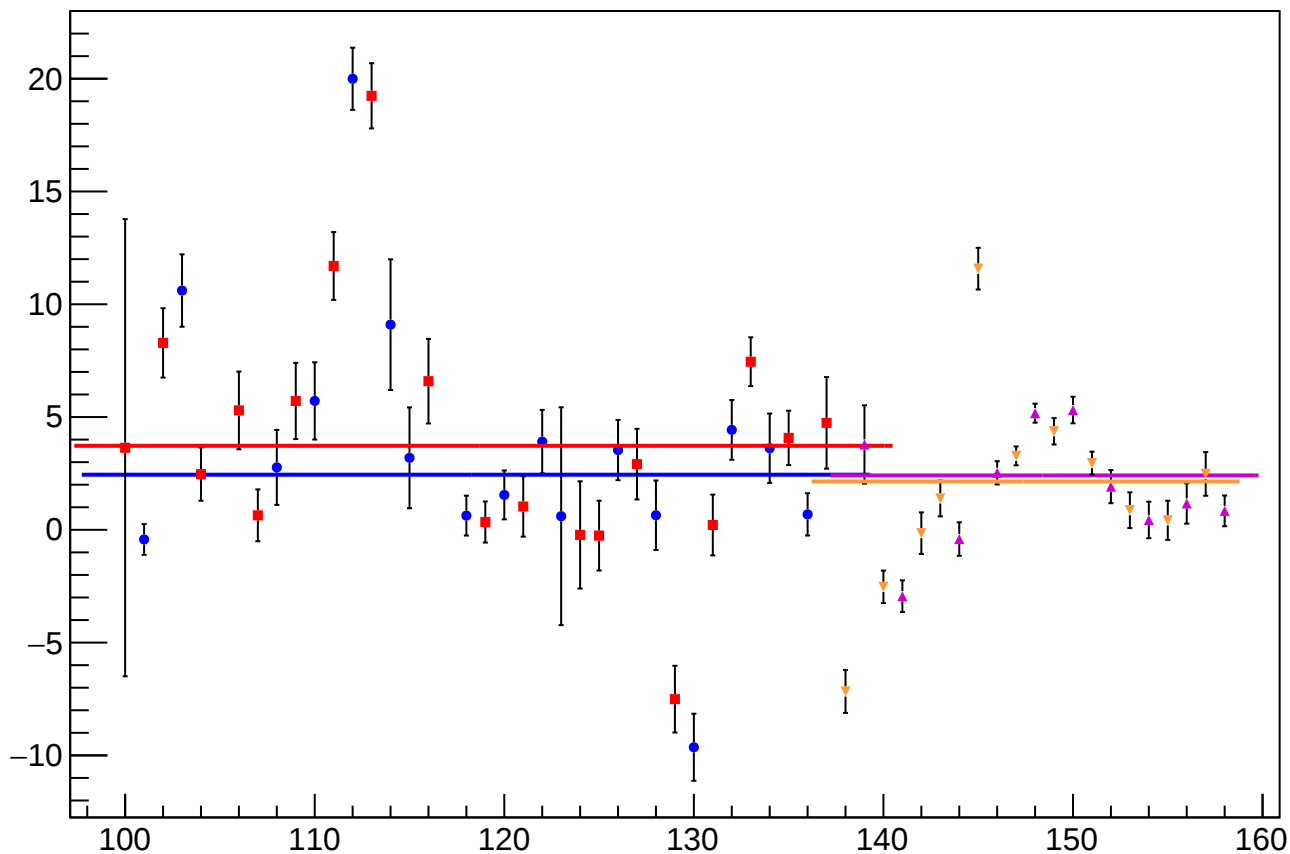
Left In: -36.815 $\pm$ 0.311 χ^2 /NDF: 168.0/9

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

All: -35.879 $\pm$ 0.221 χ^2 /NDF: 770.5/20

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

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: 2.144 ± 0.206 χ^2/NDF : 280.3/10

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

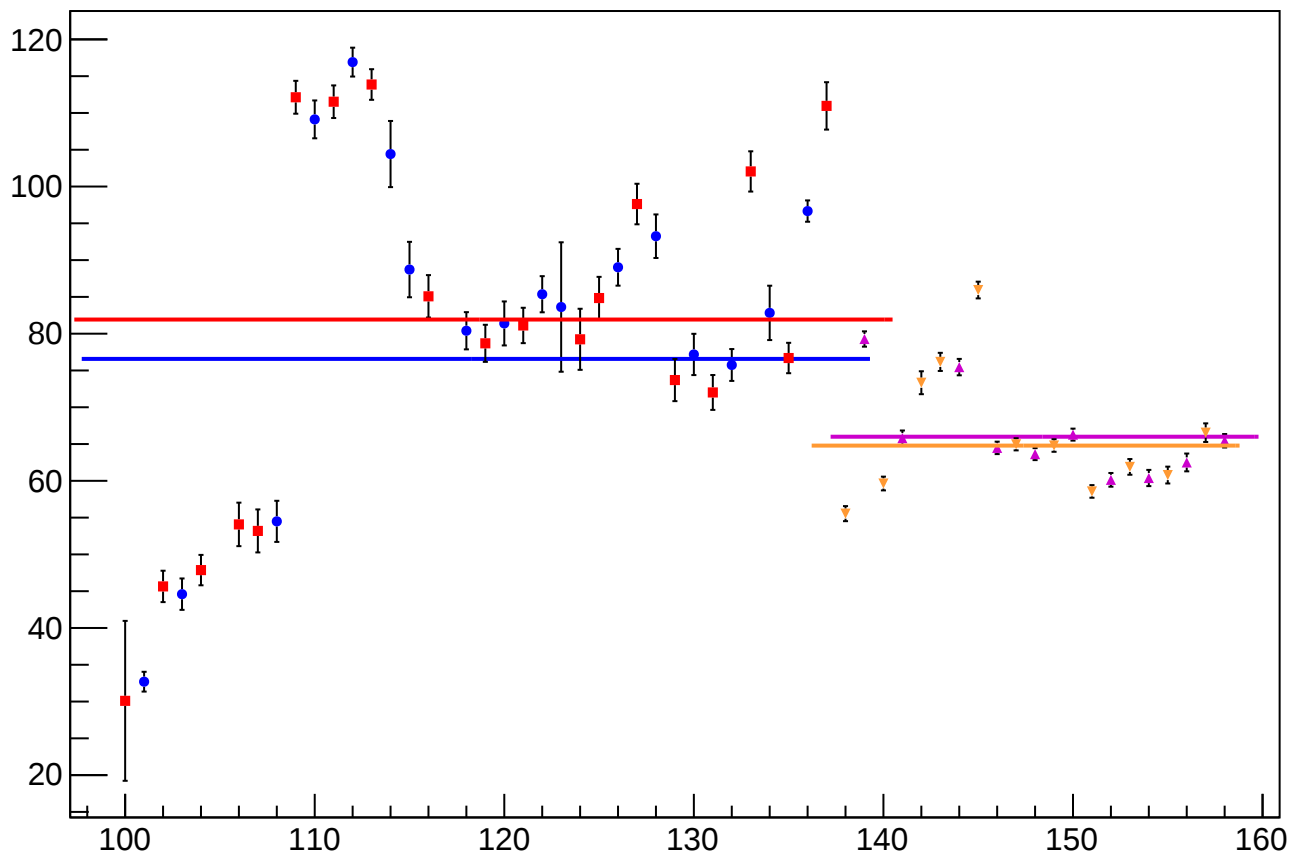
Left In: 2.412 ± 0.207 χ^2/NDF : 154.0/9

+ sign 2.236 ± 0.172 χ^2/NDF : 576.2/27

All: 2.507 ± 0.123 χ^2/NDF : 1015.9/56

- sign 2.789 ± 0.175 χ^2/NDF : 434.6/28

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 64.788 $\pm$ 0.310 χ^2 /NDF: 647.0/10

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

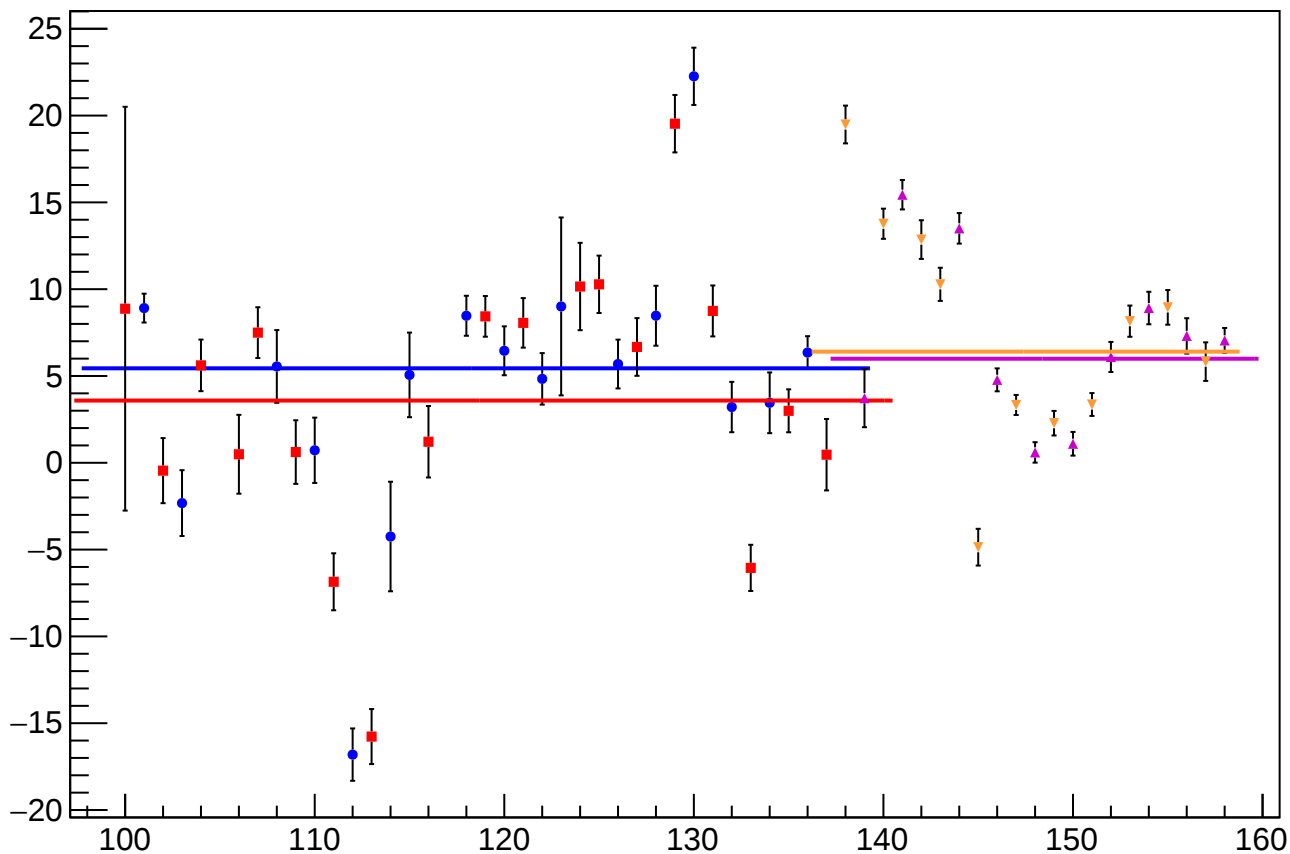
Left In: 65.996 $\pm$ 0.303 χ^2 /NDF: 320.7/9

+ sign 67.455 $\pm$ 0.273 χ^2 /NDF: 3227.5/27

All: 68.388 $\pm$ 0.192 χ^2 /NDF: 5715.8/56

- sign 69.300 $\pm$ 0.270 χ^2 /NDF: 2465.1/28

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 $\pm$ 0.357 χ^2/NDF : 387.5/16

Left Out: 6.402 $\pm$ 0.255 χ^2/NDF : 473.9/10

Right Out: 3.585 $\pm$ 0.375 χ^2/NDF : 423.2/18

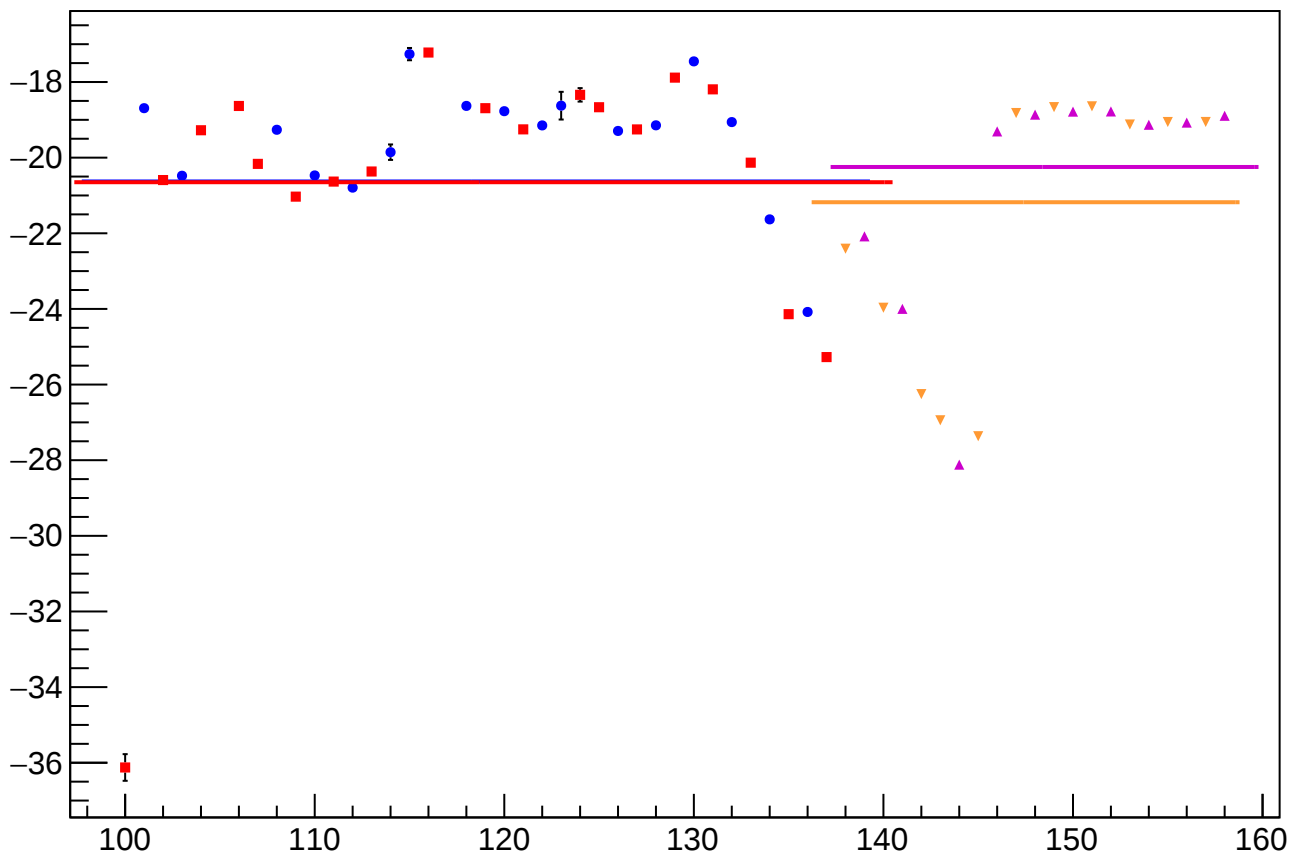
Left In: 5.994 $\pm$ 0.252 χ^2/NDF : 351.8/9

+ sign 6.077 $\pm$ 0.208 χ^2/NDF : 866.2/27

All: 5.664 $\pm$ 0.147 χ^2/NDF : 1677.5/56

- sign 5.245 $\pm$ 0.209 χ^2/NDF : 803.4/28

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -21.179 ± 0.013 $\chi^2/\text{NDF}: 65859.9/10$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

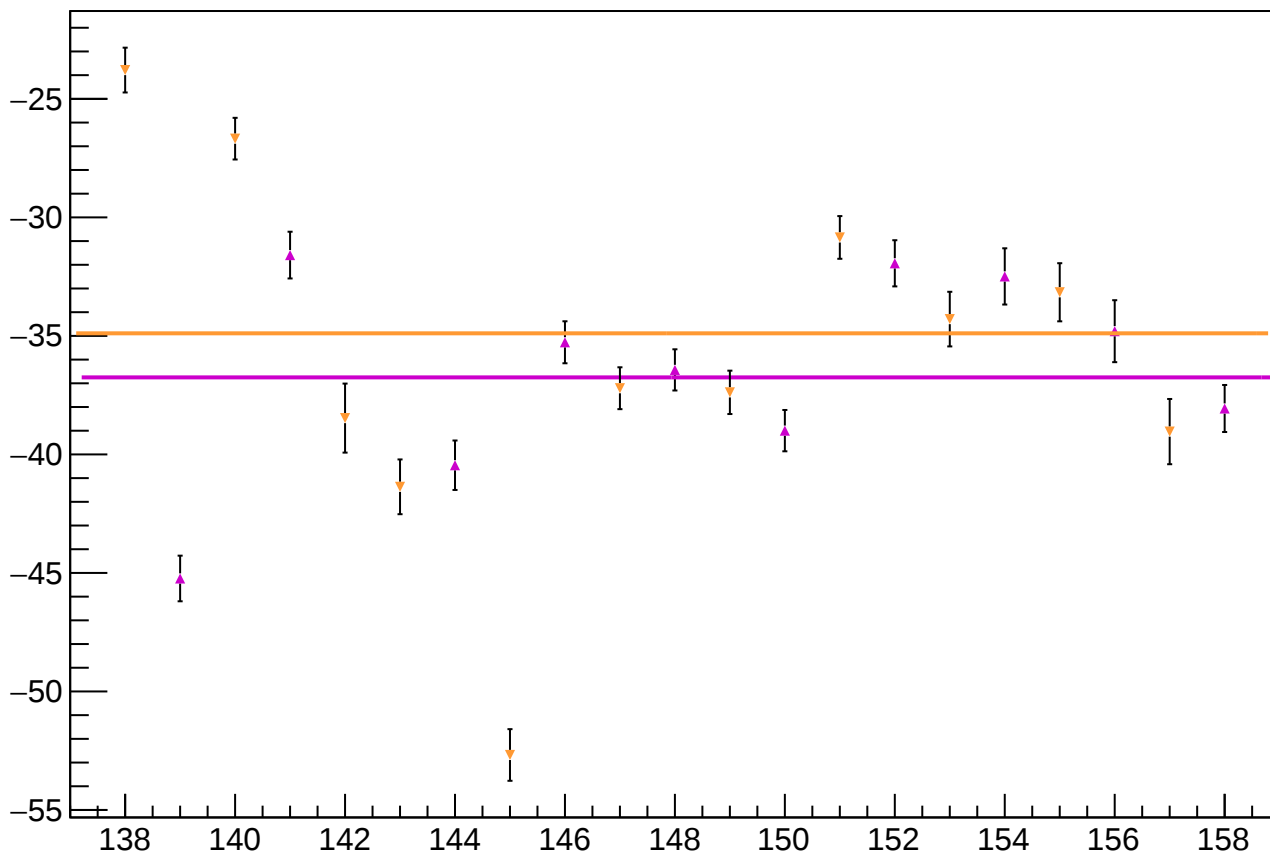
Left In: -20.247 ± 0.012 $\chi^2/\text{NDF}: 45250.5/9$

+ sign -21.016 ± 0.011 $\chi^2/\text{NDF}: 78918.6/27$

All: -20.676 ± 0.007 $\chi^2/\text{NDF}: 140383.0/56$

- sign -20.358 ± 0.010 $\chi^2/\text{NDF}: 59447.8/28$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.891 $\pm$ 0.314 χ^2 /NDF:575.1/10

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

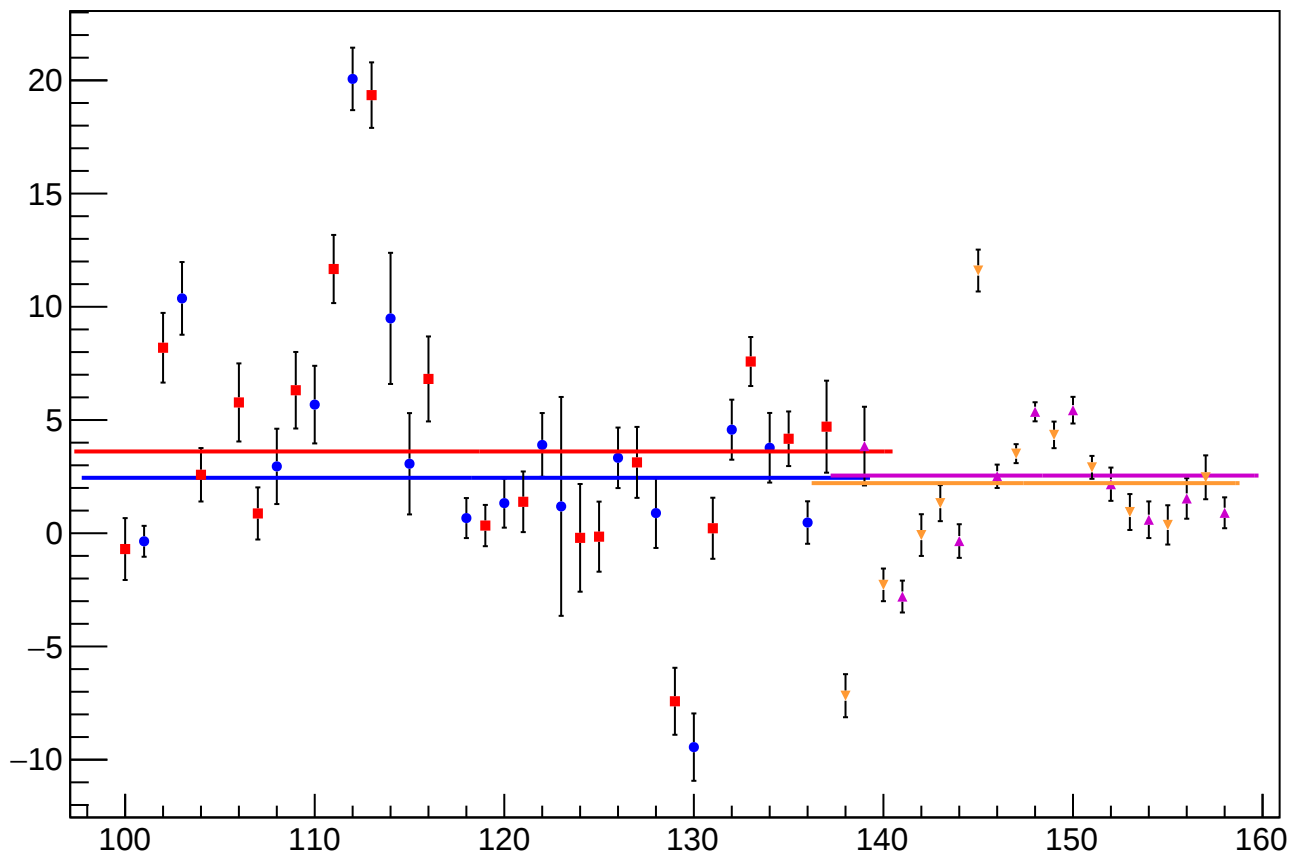
Left In: -36.750 $\pm$ 0.311 χ^2 /NDF:168.6/9

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

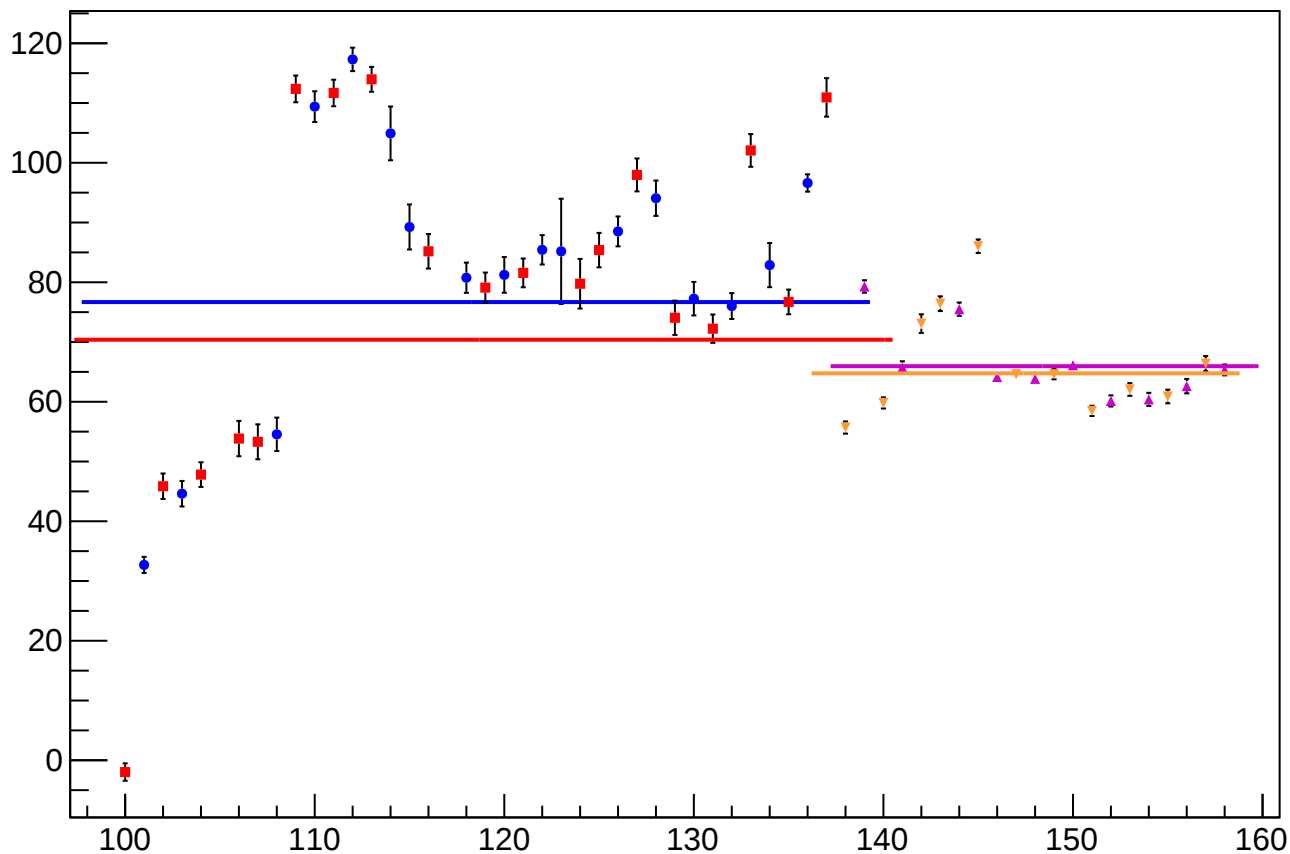
All: -35.829 $\pm$ 0.221 χ^2 /NDF: 761.4/20

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

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2/NDF : 2265.1/16

Left Out: 64.758 $\pm$ 0.310 χ^2/NDF : 646.5/10

Right Out: 70.386 $\pm$ 0.550 χ^2/NDF : 4391.1/18

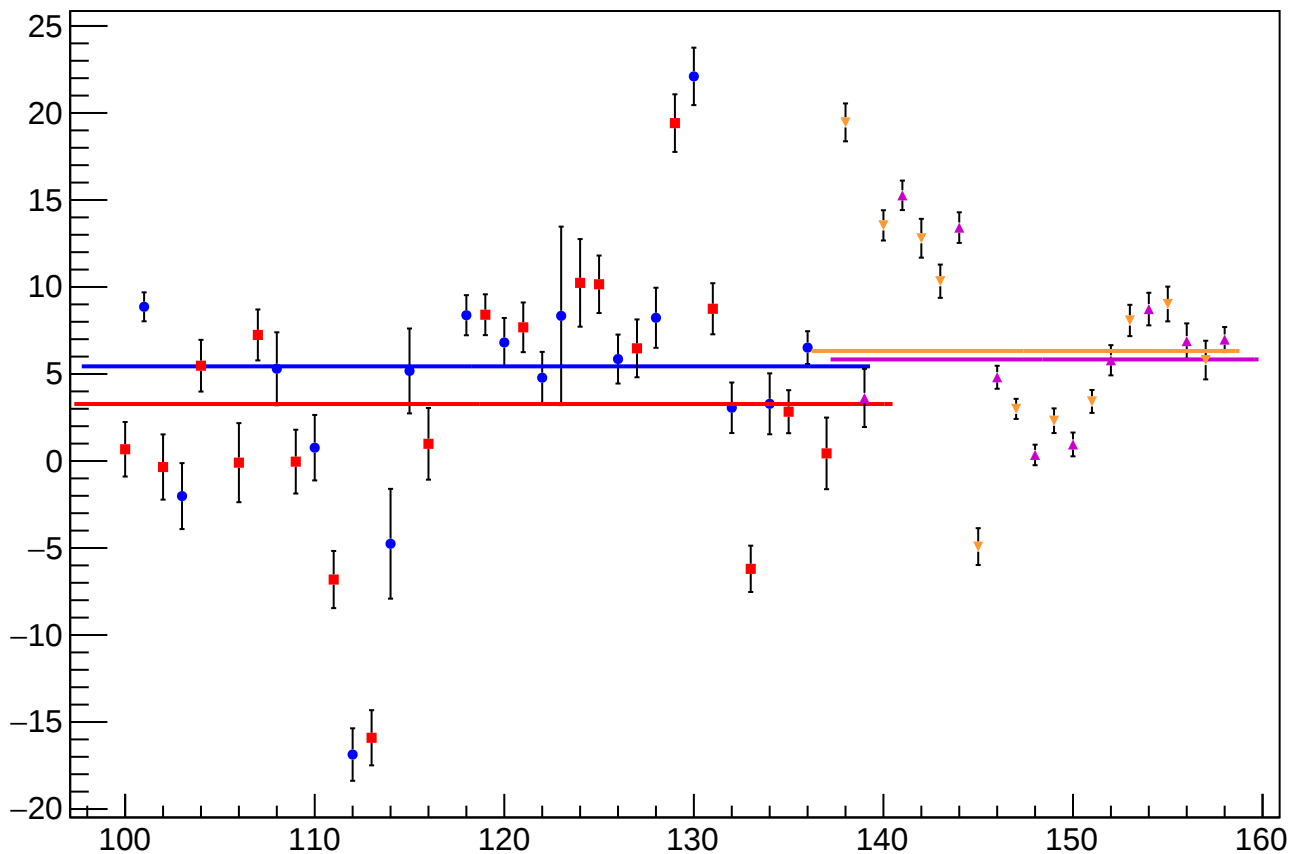
Left In: 65.955 $\pm$ 0.303 χ^2/NDF : 321.0/9

+ sign 67.458 $\pm$ 0.273 χ^2/NDF : 3246.1/27

All: 67.217 $\pm$ 0.190 χ^2/NDF : 8009.6/56

- sign 66.988 $\pm$ 0.265 χ^2/NDF : 4761.9/28

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 6.323 ± 0.256 $\chi^2/\text{NDF}: 474.5/10$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

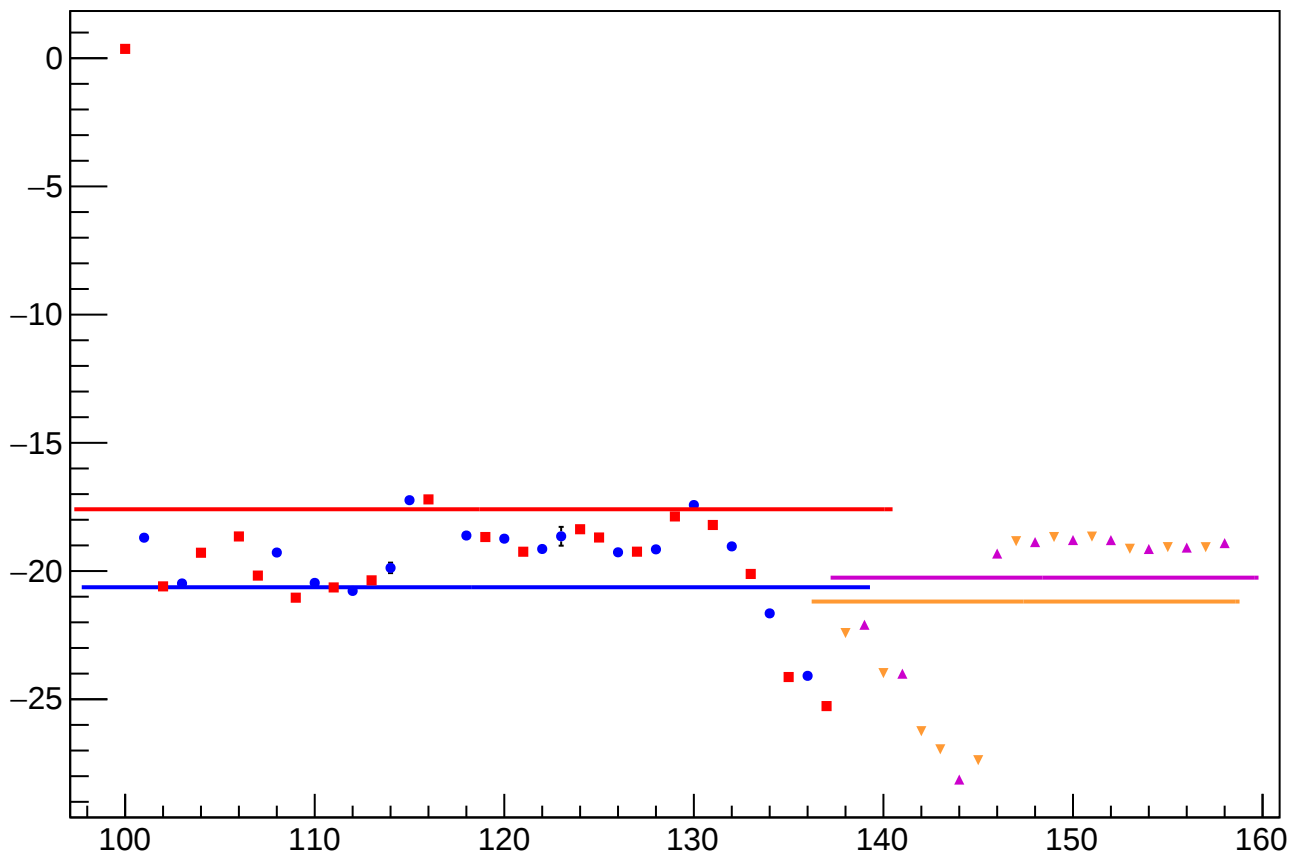
Left In: 5.835 ± 0.252 $\chi^2/\text{NDF}: 353.4/9$

+ sign 6.024 ± 0.208 $\chi^2/\text{NDF}: 864.5/27$

All: 5.516 ± 0.147 $\chi^2/\text{NDF}: 1688.8/56$

- sign 5.009 ± 0.208 $\chi^2/\text{NDF}: 812.4/28$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -21.189 ± 0.013 $\chi^2/\text{NDF}: 65702.6/10$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

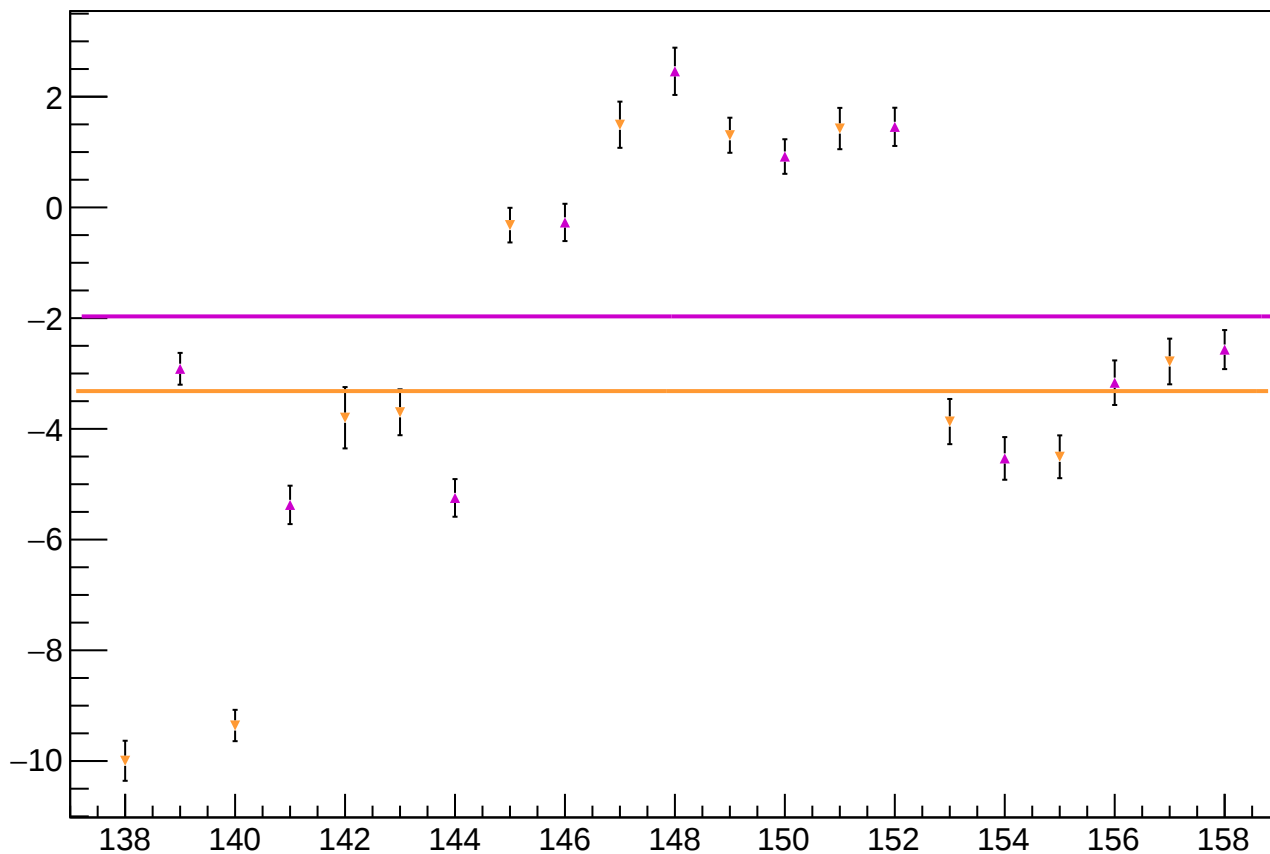
Left In: -20.258 ± 0.012 $\chi^2/\text{NDF}: 45181.2/9$

+ sign -21.023 ± 0.011 $\chi^2/\text{NDF}: 78820.5/27$

All: -20.189 ± 0.007 $\chi^2/\text{NDF}: 329802.5/56$

- sign -19.439 ± 0.010 $\chi^2/\text{NDF}: 239053.3/28$

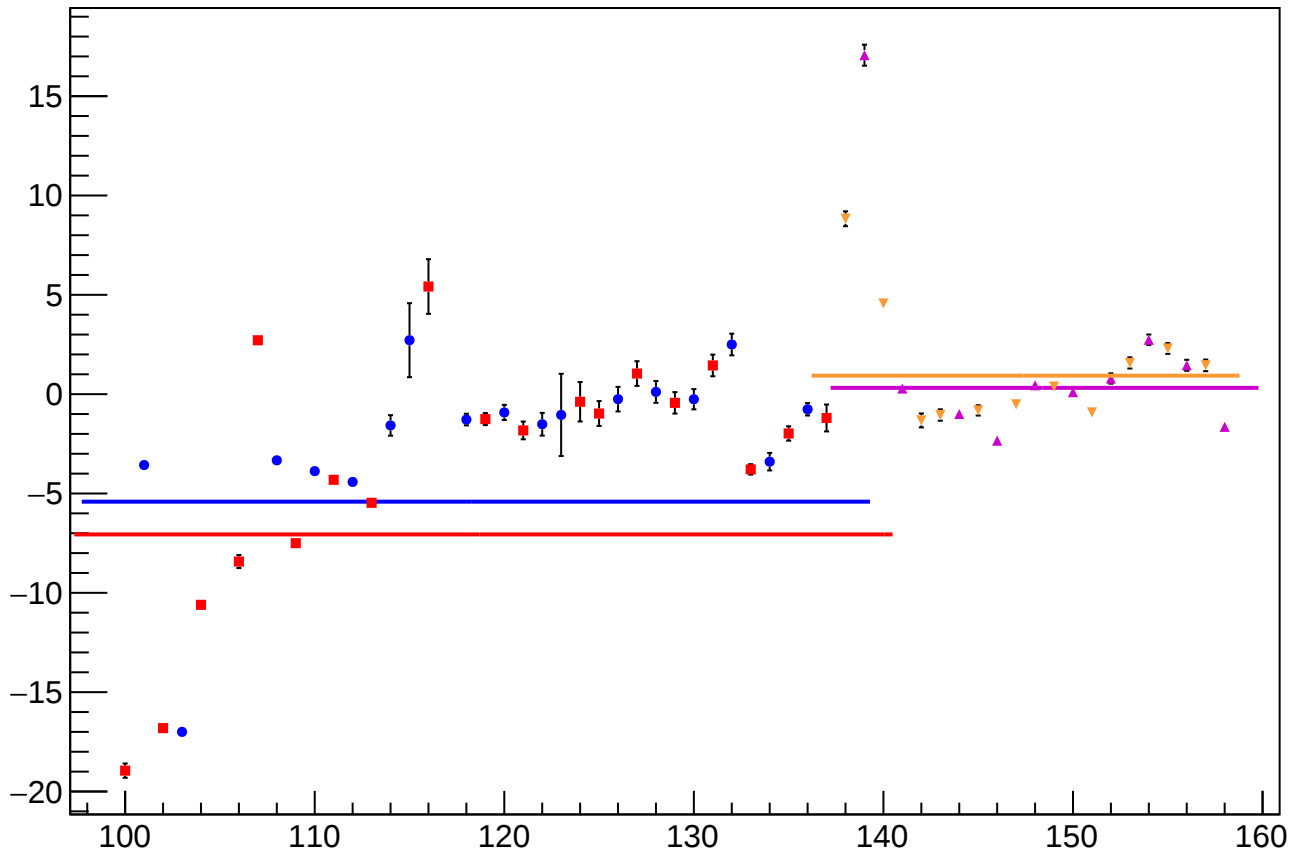
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.318+/-0.111 χ^2/NDF : 1410.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.968+/-0.110 χ^2/NDF : 572.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.635+/-0.078 χ^2/NDF : 2057.7/20
 - 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: 0.931 ± 0.077 χ^2/NDF : 980.0/10

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

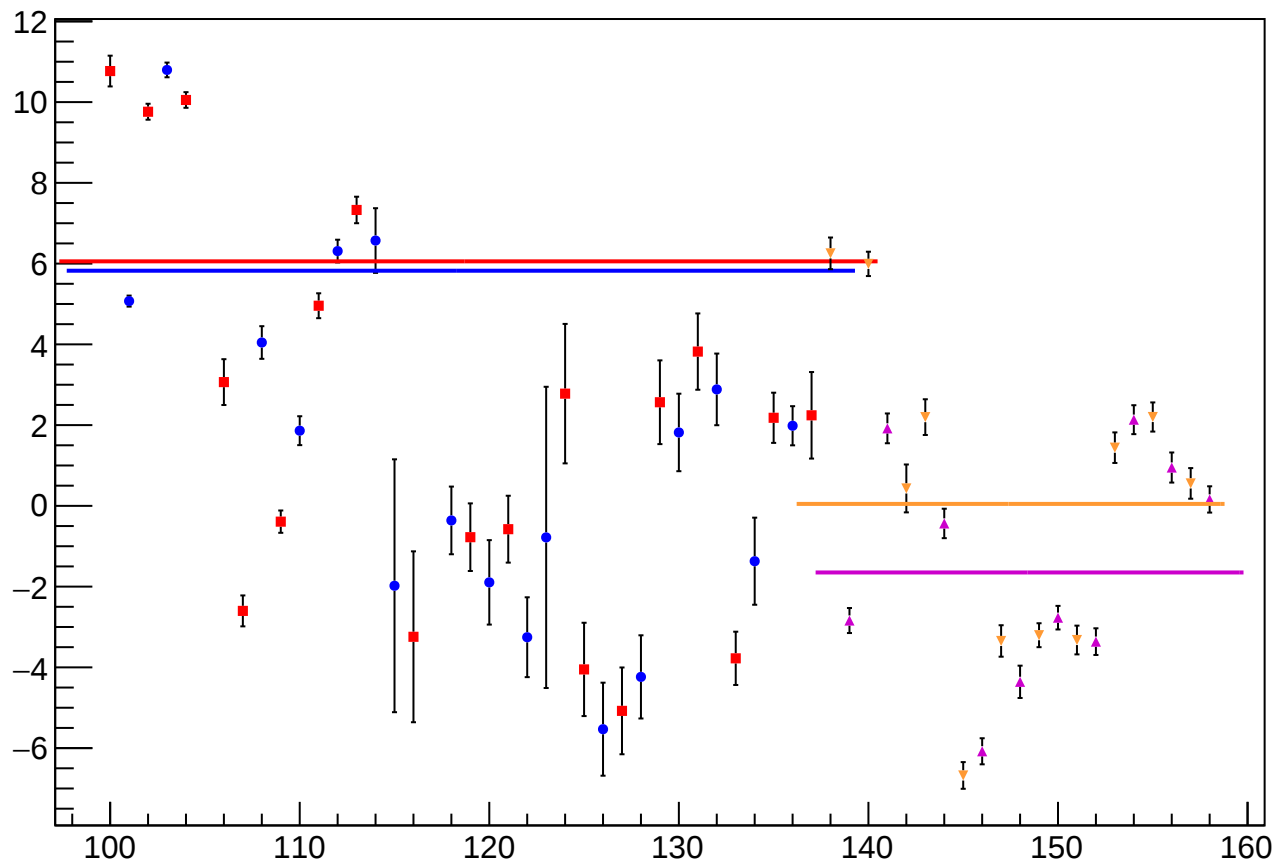
Left In: 0.318 ± 0.079 χ^2/NDF : 1357.1/9

+ sign -3.298 ± 0.045 χ^2/NDF : 14715.1/27

All: -3.817 ± 0.032 χ^2/NDF : 34327.3/56

- sign -4.395 ± 0.047 χ^2/NDF : 19327.0/28

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 ± 0.090 χ^2/NDF : 1452.6/16

Left Out: 0.048 ± 0.110 χ^2/NDF : 1413.8/10

Right Out: 6.056 ± 0.093 χ^2/NDF : 2668.9/18

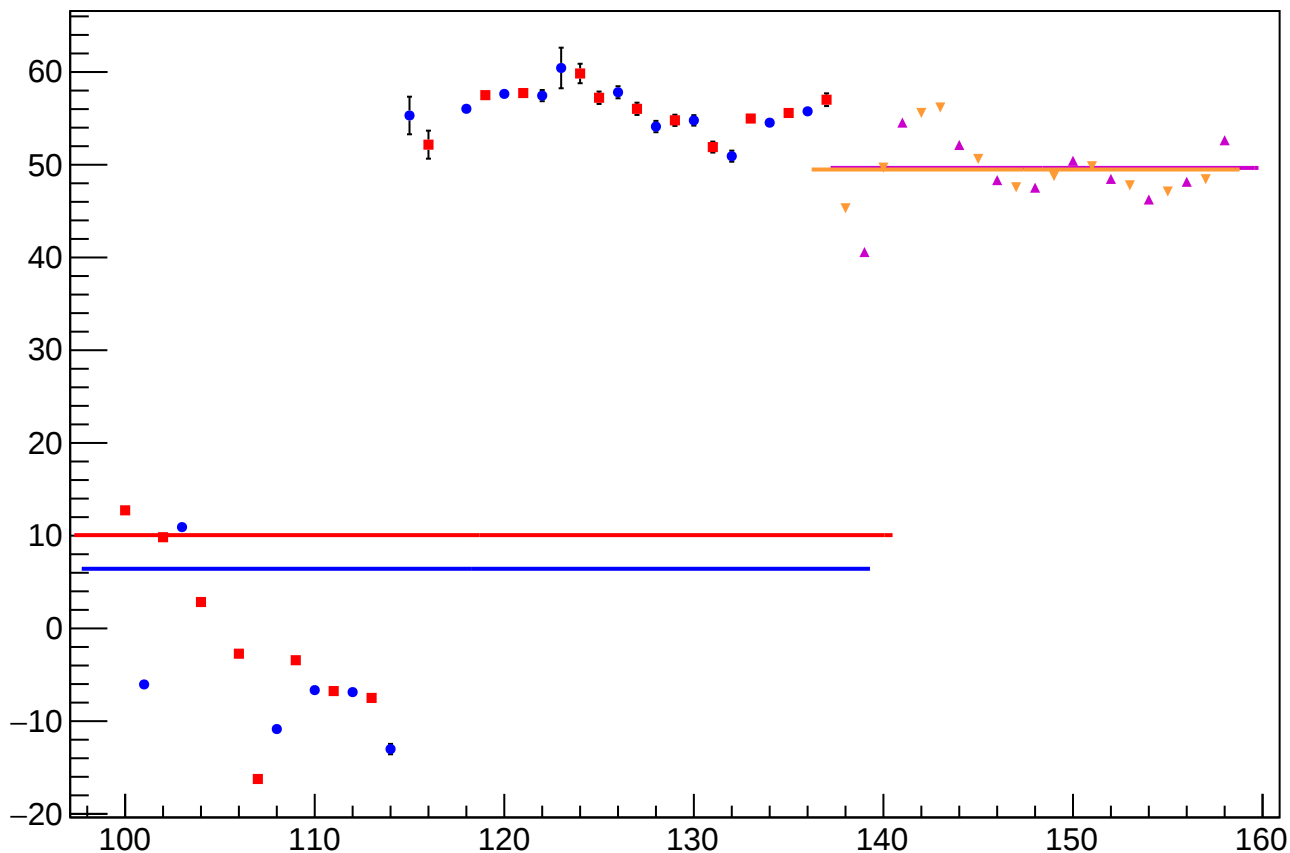
Left In: -1.650 ± 0.108 χ^2/NDF : 586.0/9

+ sign 3.530 ± 0.070 χ^2/NDF : 4516.9/27

All: 3.144 ± 0.050 χ^2/NDF : 10762.4/56

- sign 2.747 ± 0.070 χ^2/NDF : 6183.0/28

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 $\chi^2/\text{NDF}: 123486.3/16$

Left Out: 49.486 ± 0.094 $\chi^2/\text{NDF}: 850.7/10$

Right Out: 10.060 ± 0.070 $\chi^2/\text{NDF}: 121816.0/18$

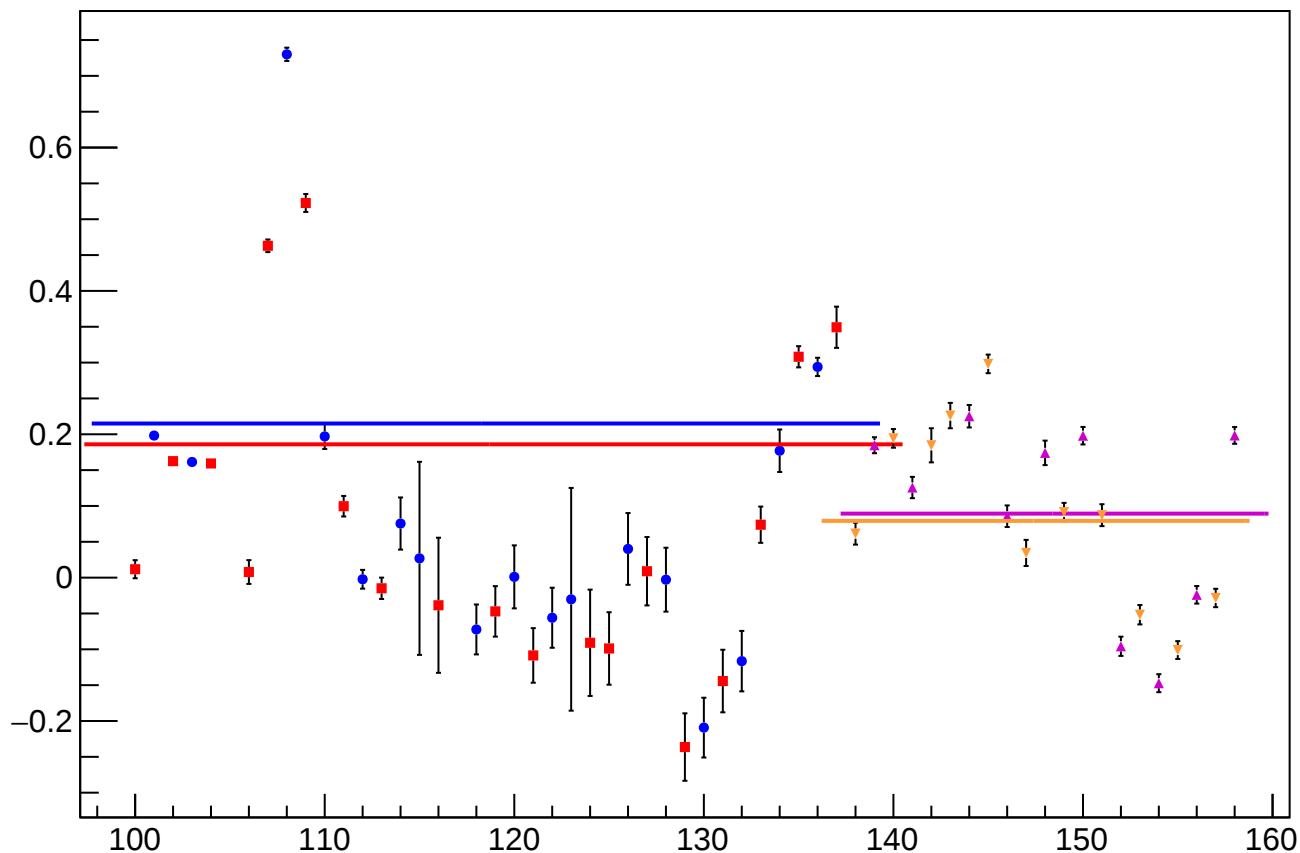
Left In: 49.660 ± 0.093 $\chi^2/\text{NDF}: 1043.3/9$

+ sign 20.364 ± 0.053 $\chi^2/\text{NDF}: 267630.8/27$

All: 22.276 ± 0.038 $\chi^2/\text{NDF}: 509724.5/56$

- sign 24.373 ± 0.056 $\chi^2/\text{NDF}: 239387.3/28$

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: 0.079 $\pm$ 0.004 χ^2 /NDF:834.9/10

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

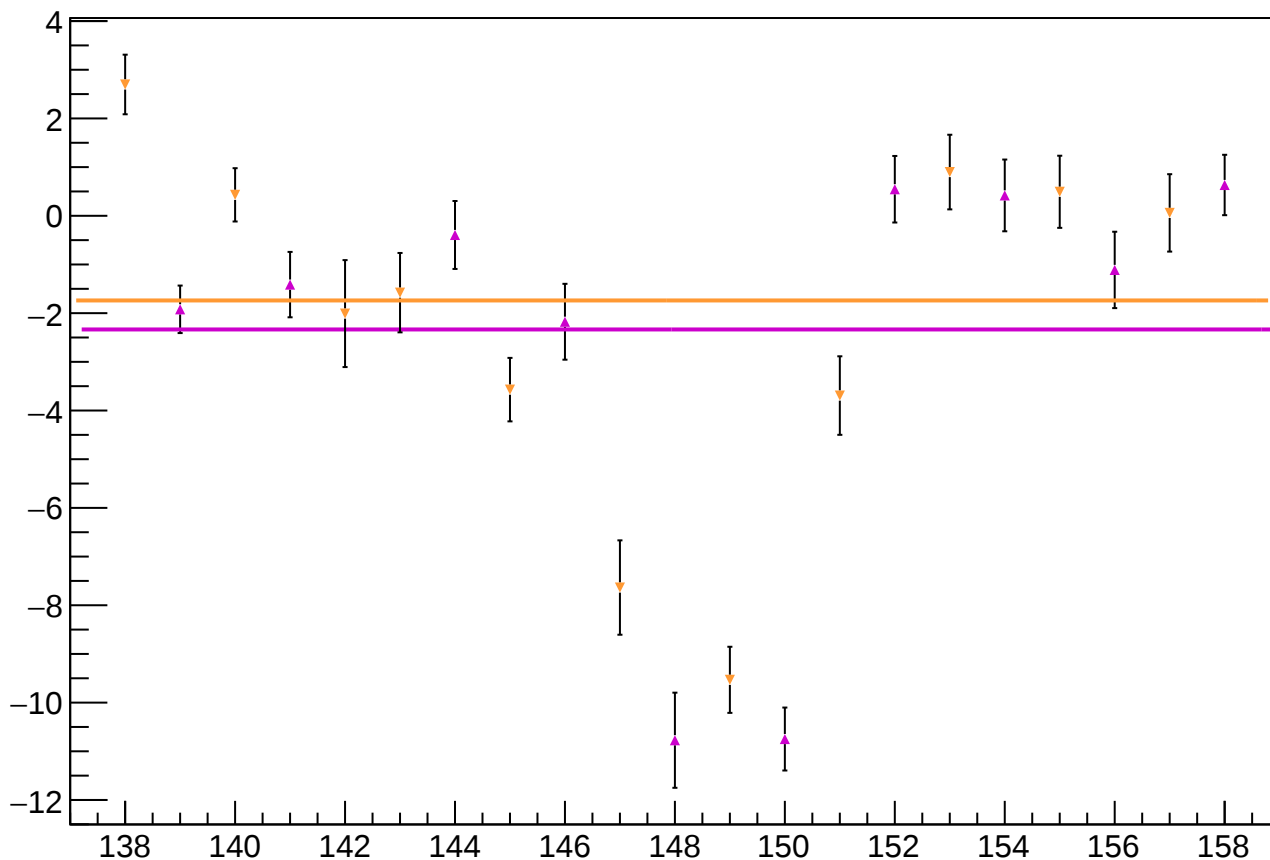
Left In: 0.089 $\pm$ 0.004 χ^2 /NDF:976.6/9

+ sign 0.176 $\pm$ 0.002 χ^2 /NDF: 5455.0/27

All: 0.167 $\pm$ 0.002 χ^2 /NDF: 9561.3/56

- sign 0.158 $\pm$ 0.002 χ^2 /NDF: 4074.6/28

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -1.739 ± 0.221 χ^2/NDF : 276.8/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

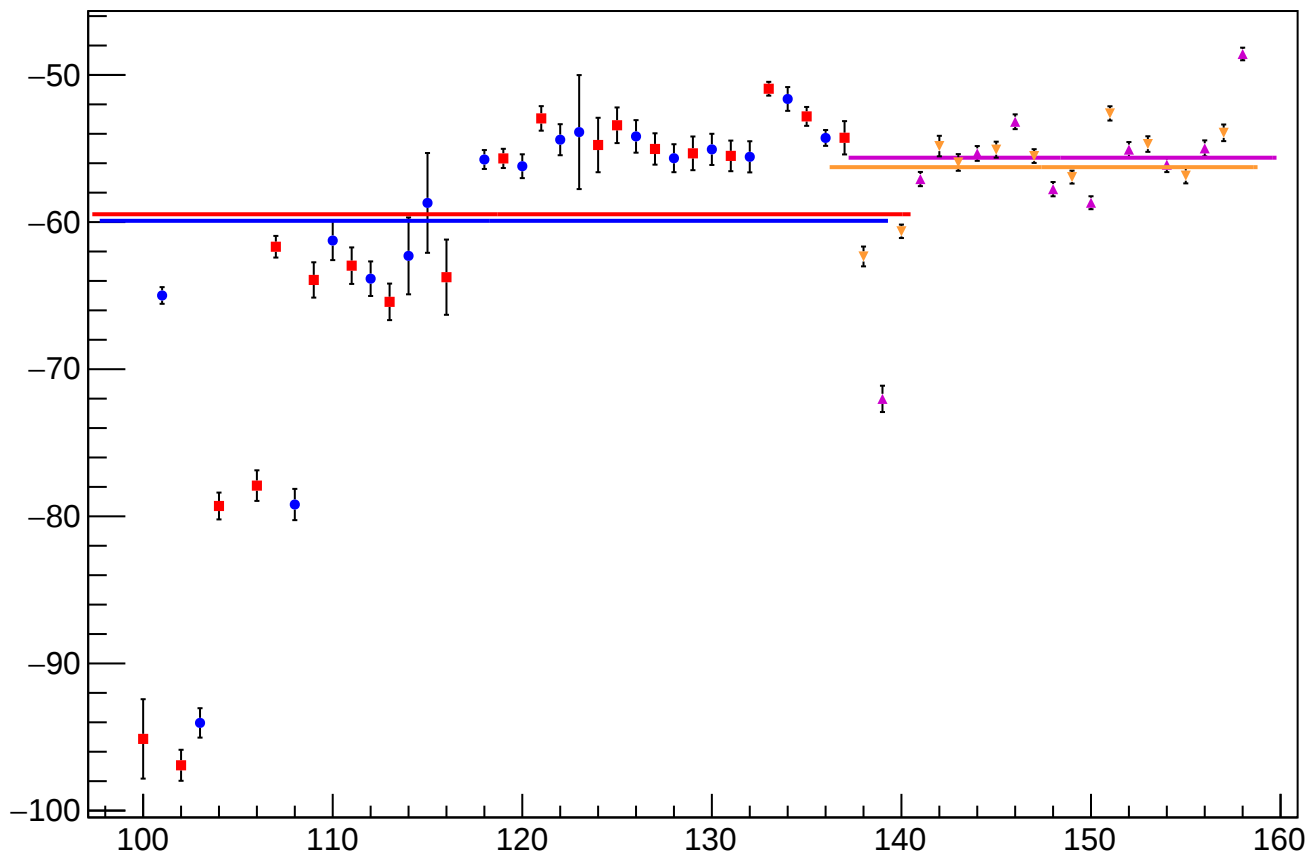
Left In: -2.335 ± 0.214 χ^2/NDF : 311.4/9

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.045 ± 0.154 χ^2/NDF : 592.0/20

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 $\chi^2/\text{NDF}: 1979.5/16$

Left Out: -56.267 ± 0.158 $\chi^2/\text{NDF}: 270.2/10$

Right Out: -59.468 ± 0.212 $\chi^2/\text{NDF}: 2912.7/18$

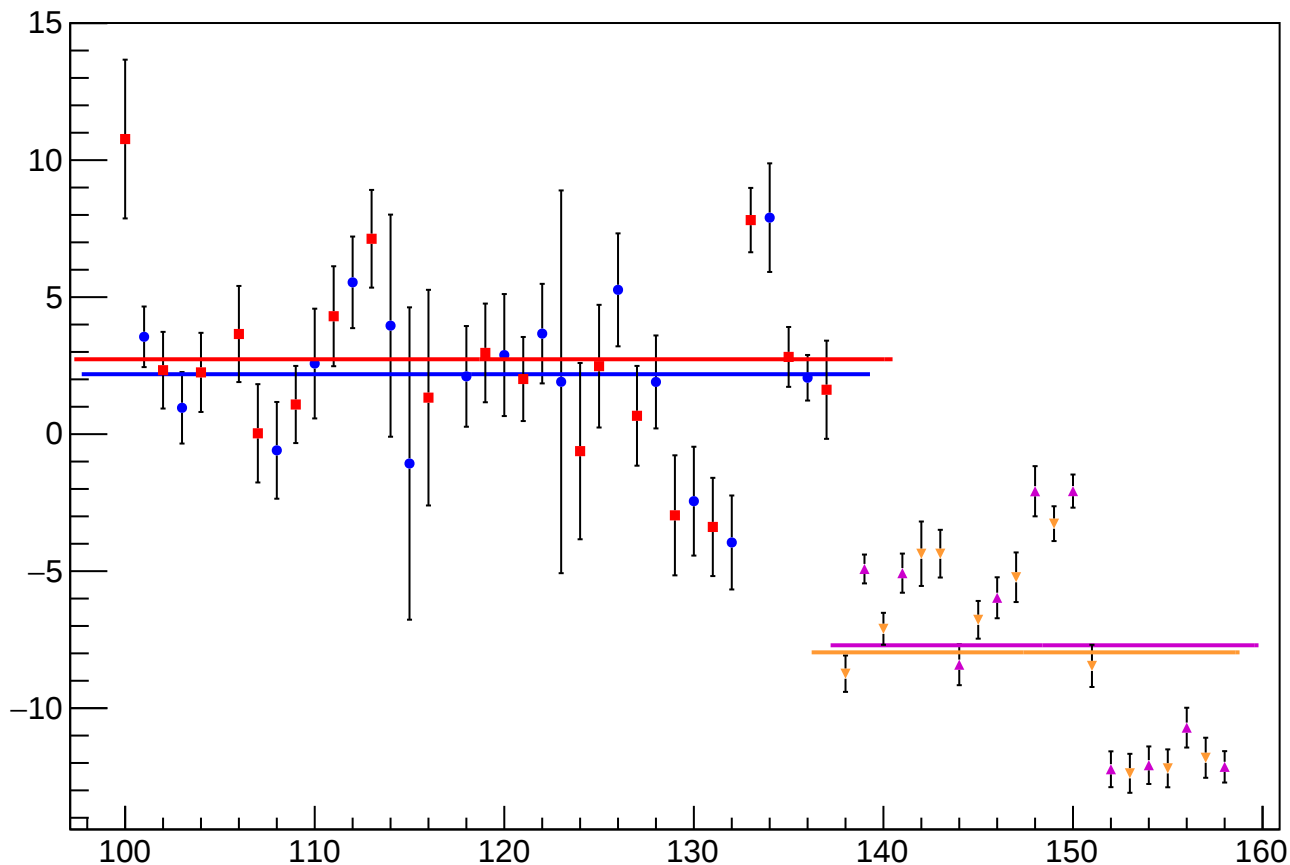
Left In: -55.625 ± 0.159 $\chi^2/\text{NDF}: 709.7/9$

+ sign -57.491 ± 0.129 $\chi^2/\text{NDF}: 2427.4/27$

All: -57.248 ± 0.091 $\chi^2/\text{NDF}: 6266.6/56$

- sign -57.012 ± 0.127 $\chi^2/\text{NDF}: 3832.2/28$

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 χ^2/NDF : 39.1/16

Left Out: -7.963 ± 0.220 χ^2/NDF : 200.9/10

Right Out: 2.733 ± 0.388 χ^2/NDF : 58.9/18

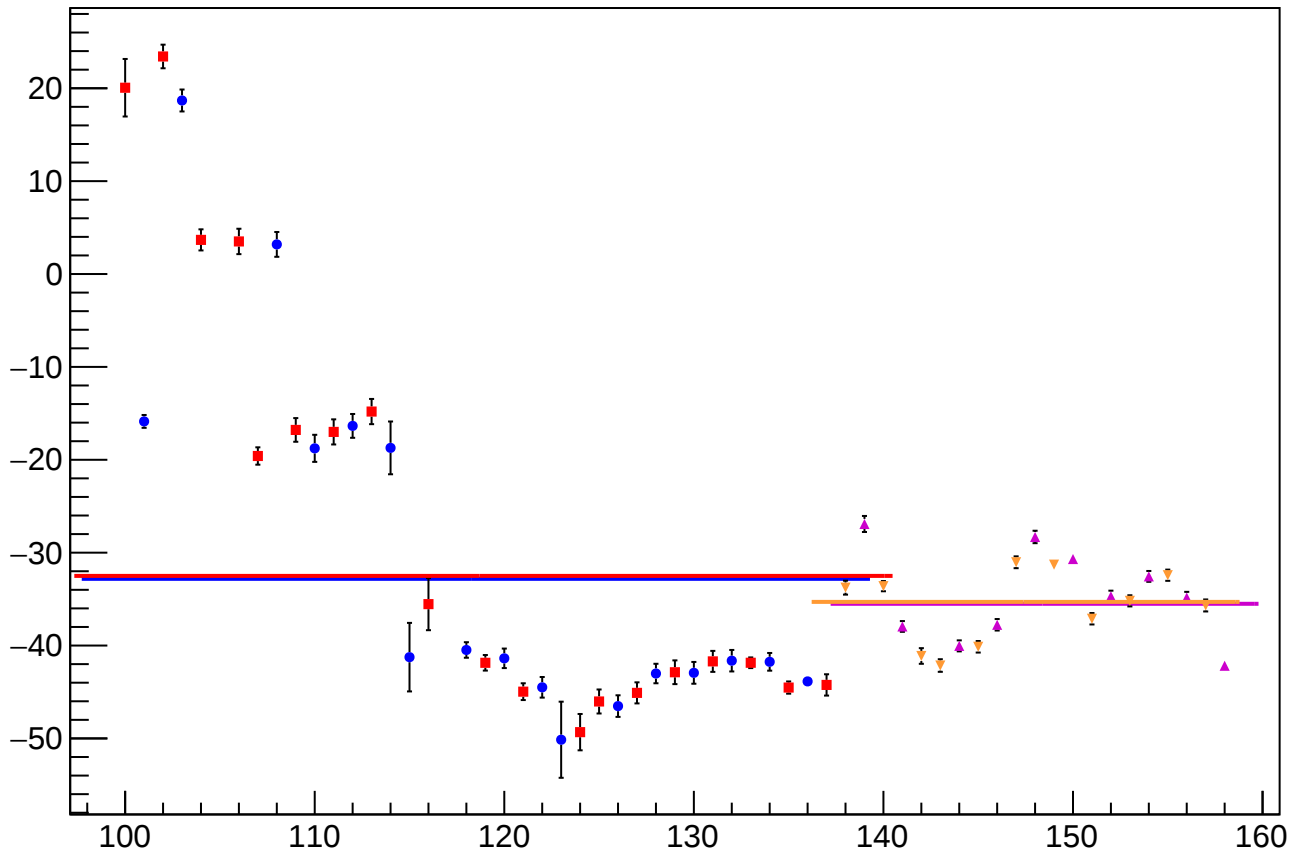
Left In: -7.705 ± 0.211 χ^2/NDF : 337.9/9

+ sign -5.644 ± 0.193 χ^2/NDF : 726.9/27

All: -5.476 ± 0.134 χ^2/NDF : 1684.6/56

- sign -5.321 ± 0.185 χ^2/NDF : 956.3/28

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: -35.299 ± 0.190 $\chi^2/\text{NDF}: 357.6/10$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

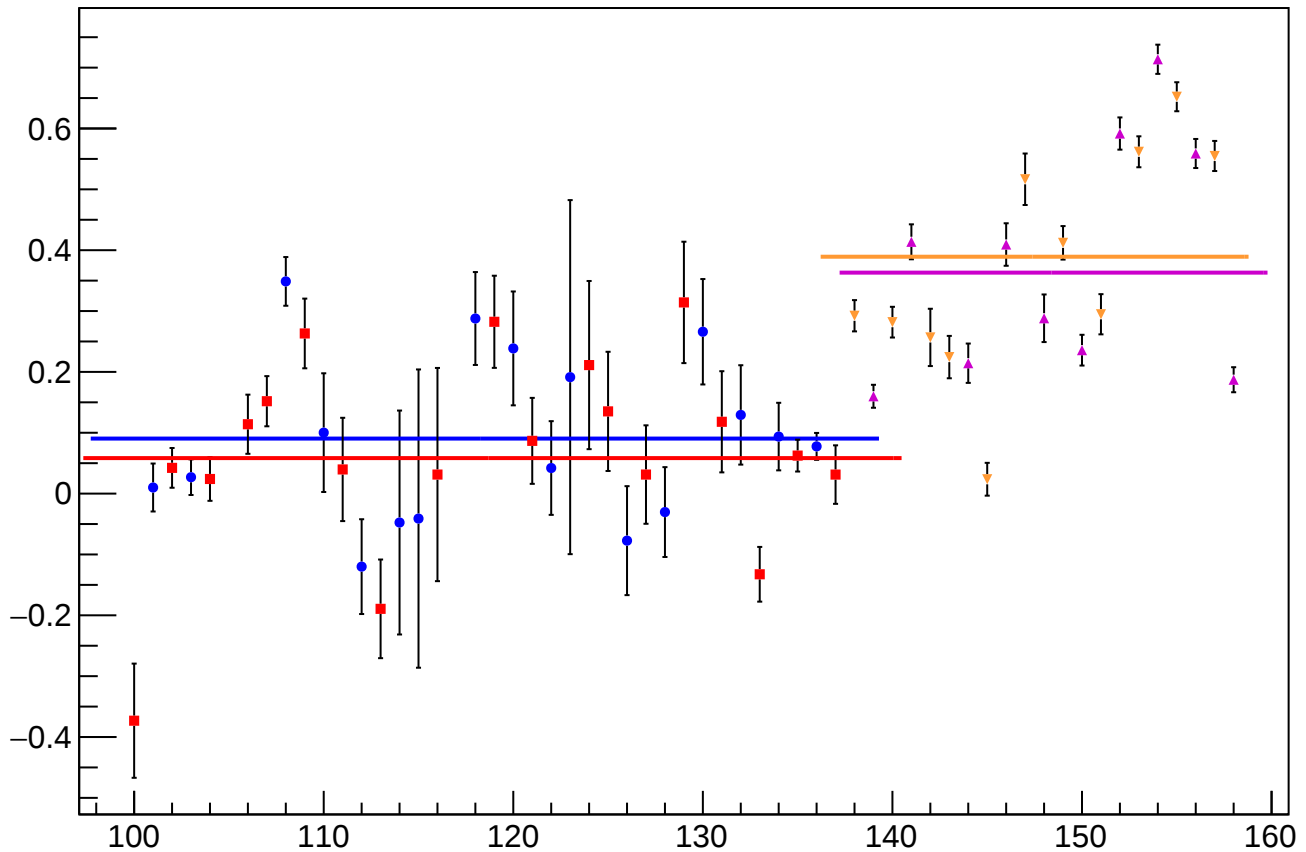
Left In: -35.505 ± 0.185 $\chi^2/\text{NDF}: 640.4/9$

+ sign -34.410 ± 0.152 $\chi^2/\text{NDF}: 5085.5/27$

All: -34.407 ± 0.106 $\chi^2/\text{NDF}: 11859.9/56$

- sign -34.404 ± 0.148 $\chi^2/\text{NDF}: 6774.3/28$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.2/16

Left Out: 0.389 $\pm$ 0.009 χ^2 /NDF: 477.0/10

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.3/18

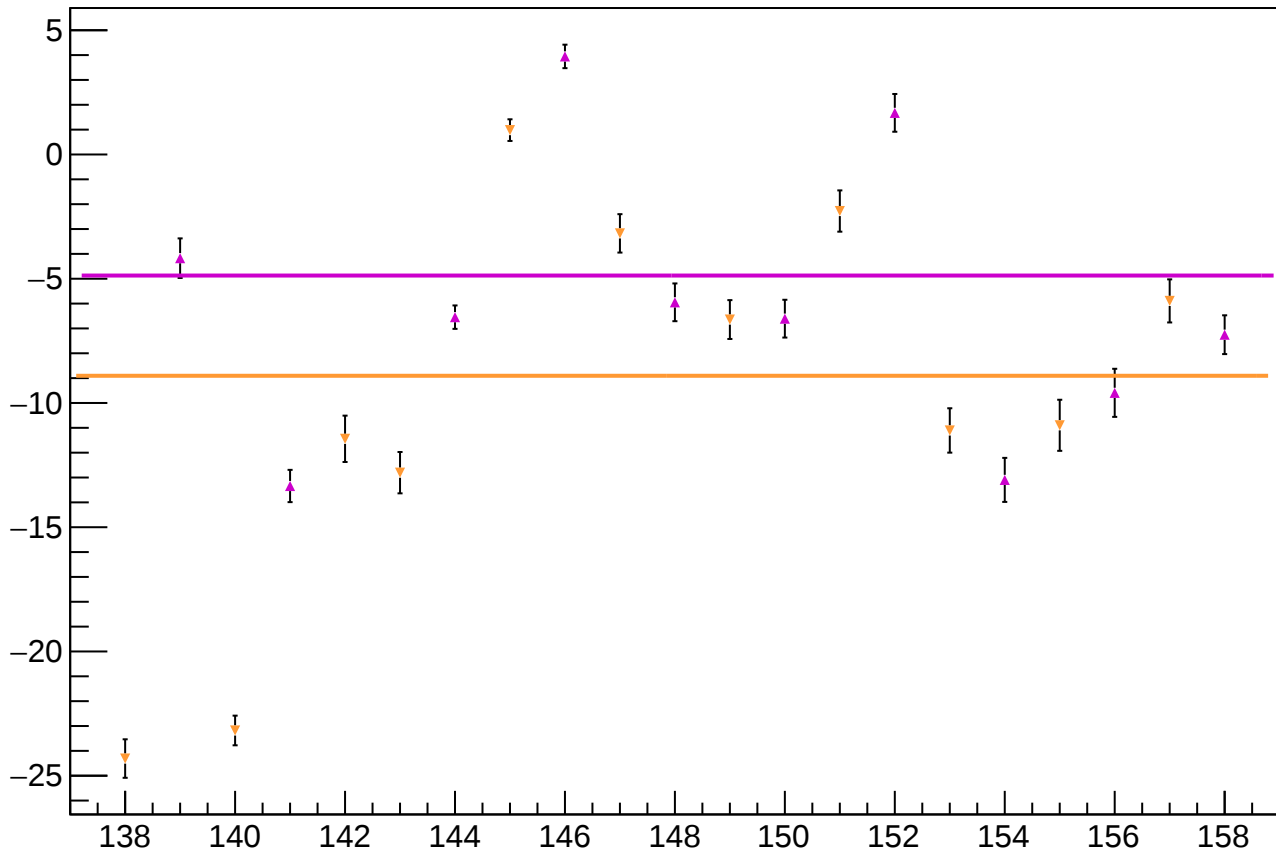
Left In: 0.363 $\pm$ 0.008 χ^2 /NDF: 599.5/9

+ sign 0.295 $\pm$ 0.007 χ^2 /NDF: 934.8/27

All: 0.282 $\pm$ 0.005 χ^2 /NDF: 2064.9/56

- sign 0.270 $\pm$ 0.007 χ^2 /NDF: 1123.2/28

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -8.905+/-0.220 χ^2/NDF : 1660.0/10

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

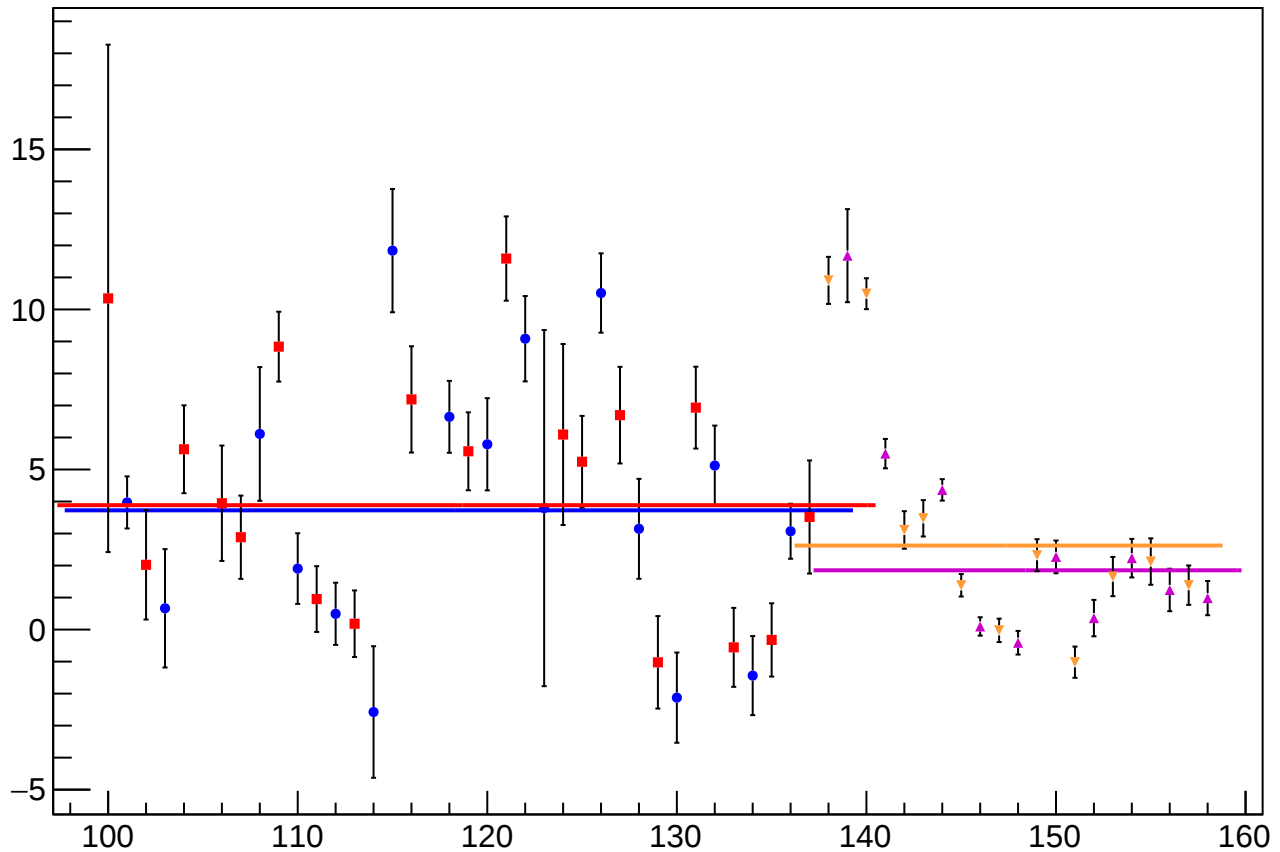
Left In: -4.872+/-0.213 χ^2/NDF : 732.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.818+/-0.153 χ^2/NDF : 2566.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 2.625 ± 0.152 χ^2/NDF : 524.1/10

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

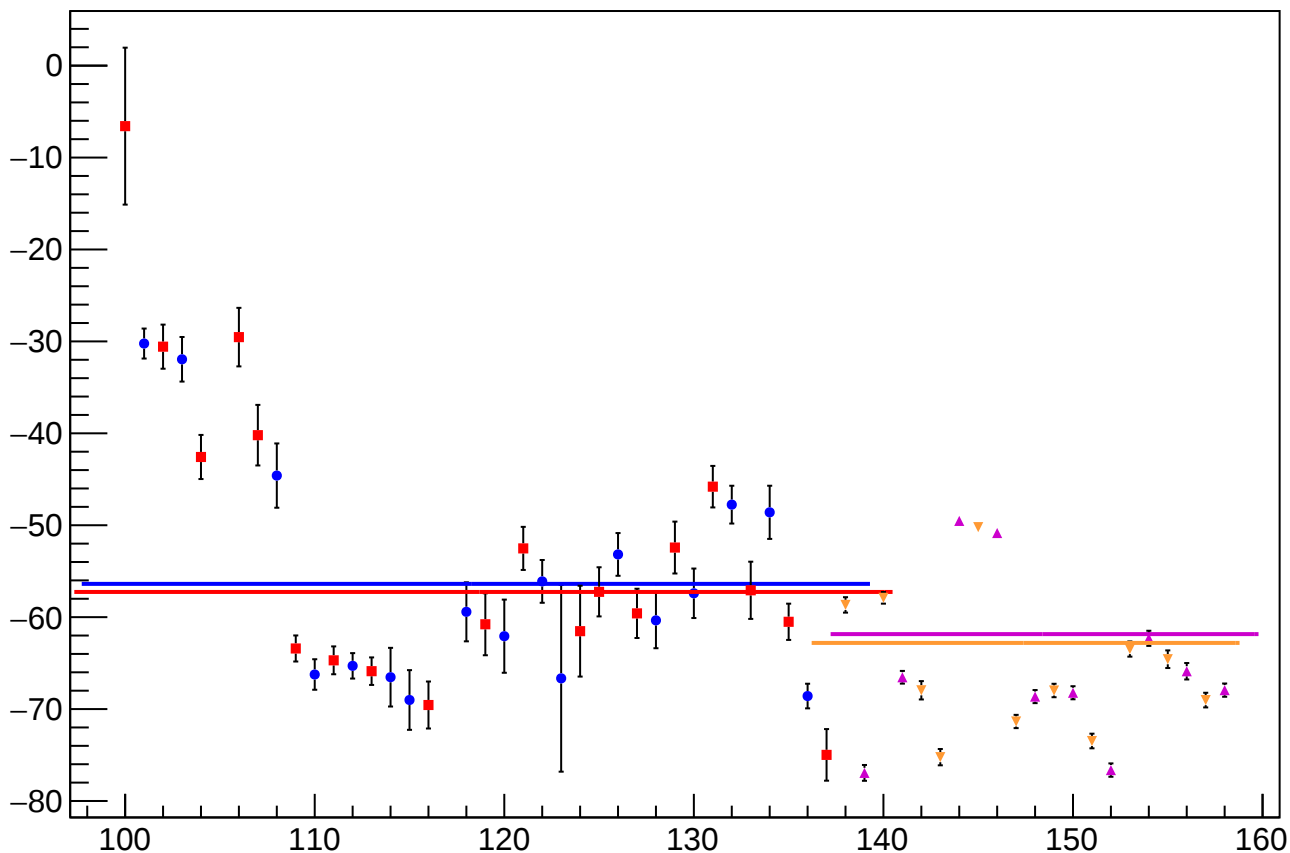
Left In: 1.852 ± 0.143 χ^2/NDF : 251.3/9

+ sign 2.840 ± 0.136 χ^2/NDF : 671.1/27

All: 2.503 ± 0.094 χ^2/NDF : 1102.7/56

- sign 2.196 ± 0.130 χ^2/NDF : 420.0/28

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -62.802 ± 0.222 χ^2/NDF : 1479.2/10

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

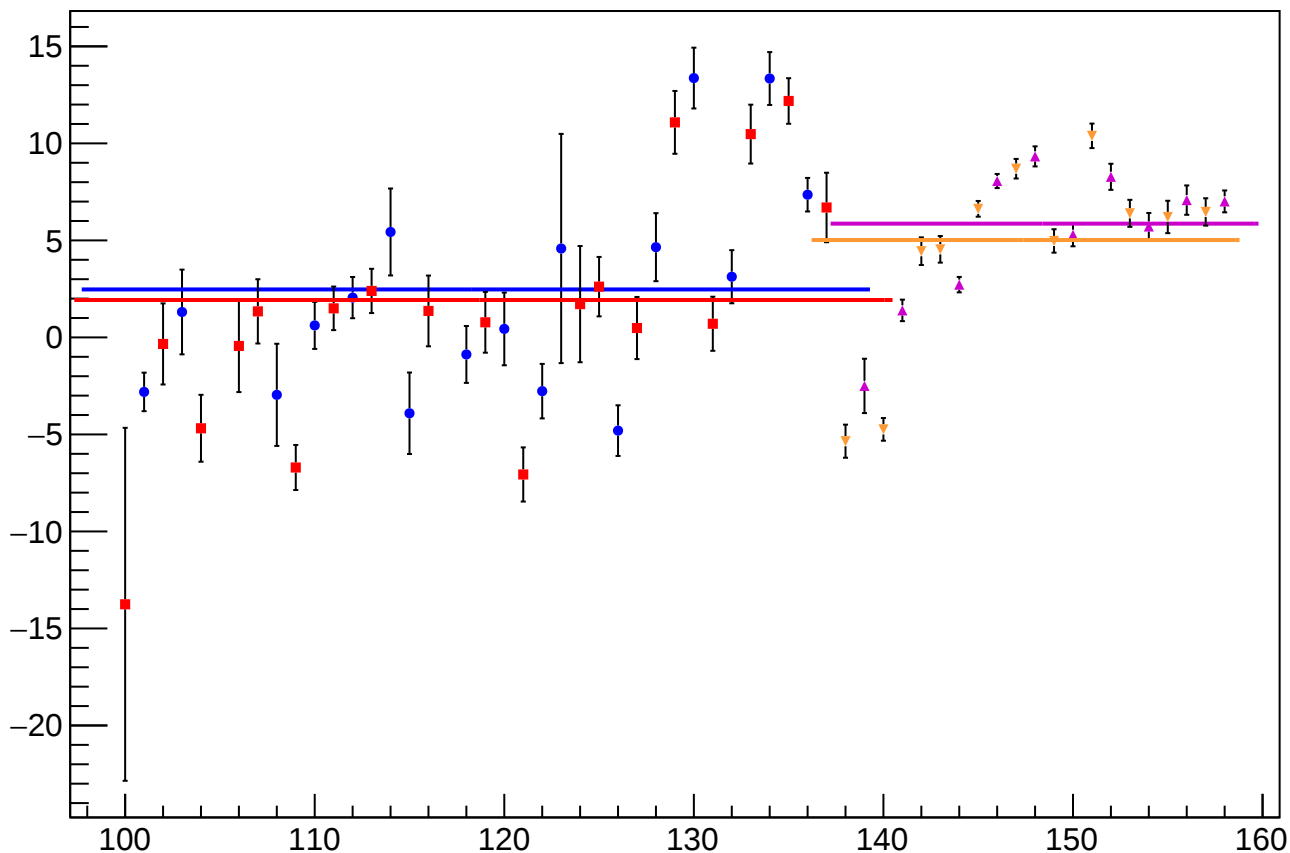
Left In: -61.844 ± 0.210 χ^2/NDF : 2214.4/9

+ sign -61.880 ± 0.205 χ^2/NDF : 2186.8/27

All: -61.541 ± 0.142 χ^2/NDF : 4946.0/56

- sign -61.235 ± 0.195 χ^2/NDF : 2754.0/28

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 $\chi^2/\text{NDF}: 243.6/16$

Left Out: 5.019 ± 0.185 $\chi^2/\text{NDF}: 579.2/10$

Right Out: 1.928 ± 0.355 $\chi^2/\text{NDF}: 266.6/18$

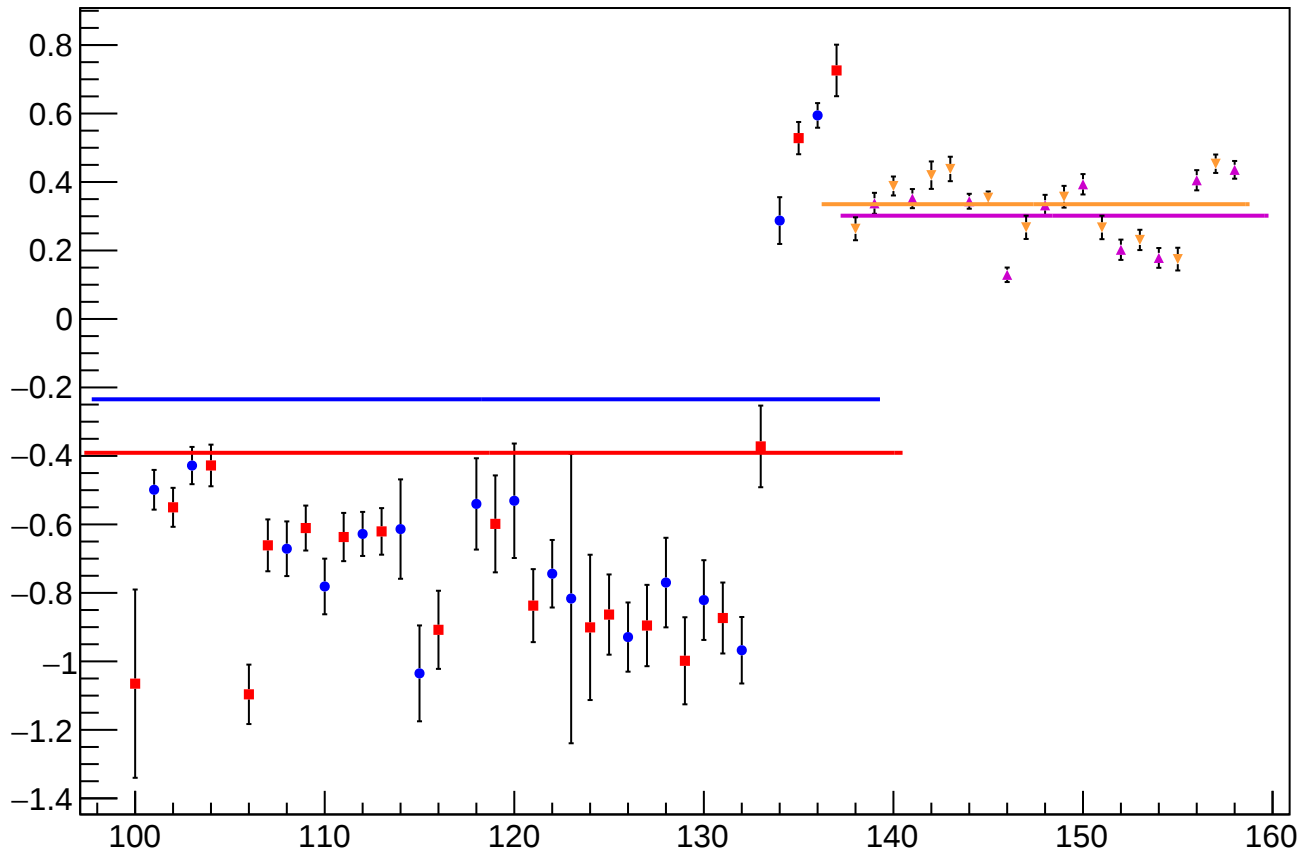
Left In: 5.863 ± 0.173 $\chi^2/\text{NDF}: 265.0/9$

+ sign 4.451 ± 0.163 $\chi^2/\text{NDF}: 865.0/27$

All: 4.794 ± 0.113 $\chi^2/\text{NDF}: 1504.4/56$

- sign 5.106 ± 0.156 $\chi^2/\text{NDF}: 631.0/28$

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF : 958.4/16

Left Out: 0.335+/-0.009 χ^2/NDF : 85.5/10

Right Out: -0.391+/-0.019 χ^2/NDF : 853.3/18

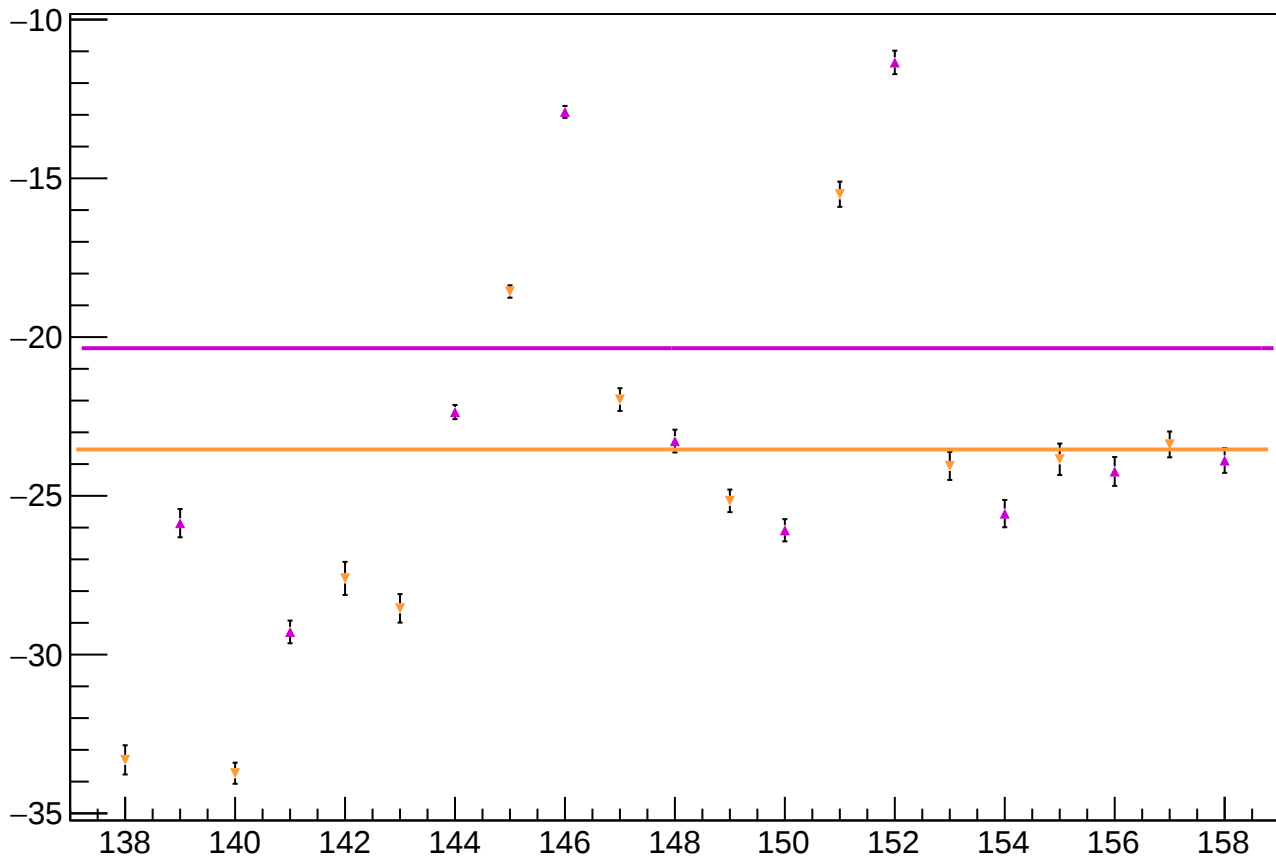
Left In: 0.302+/-0.008 χ^2/NDF : 153.9/9

+ sign 0.232+/-0.008 χ^2/NDF : 1791.2/27

All: 0.208+/-0.006 χ^2/NDF : 3927.1/56

- sign 0.186+/-0.008 χ^2/NDF : 2118.5/28

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -23.540 ± 0.108 χ^2/NDF : 2683.0/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

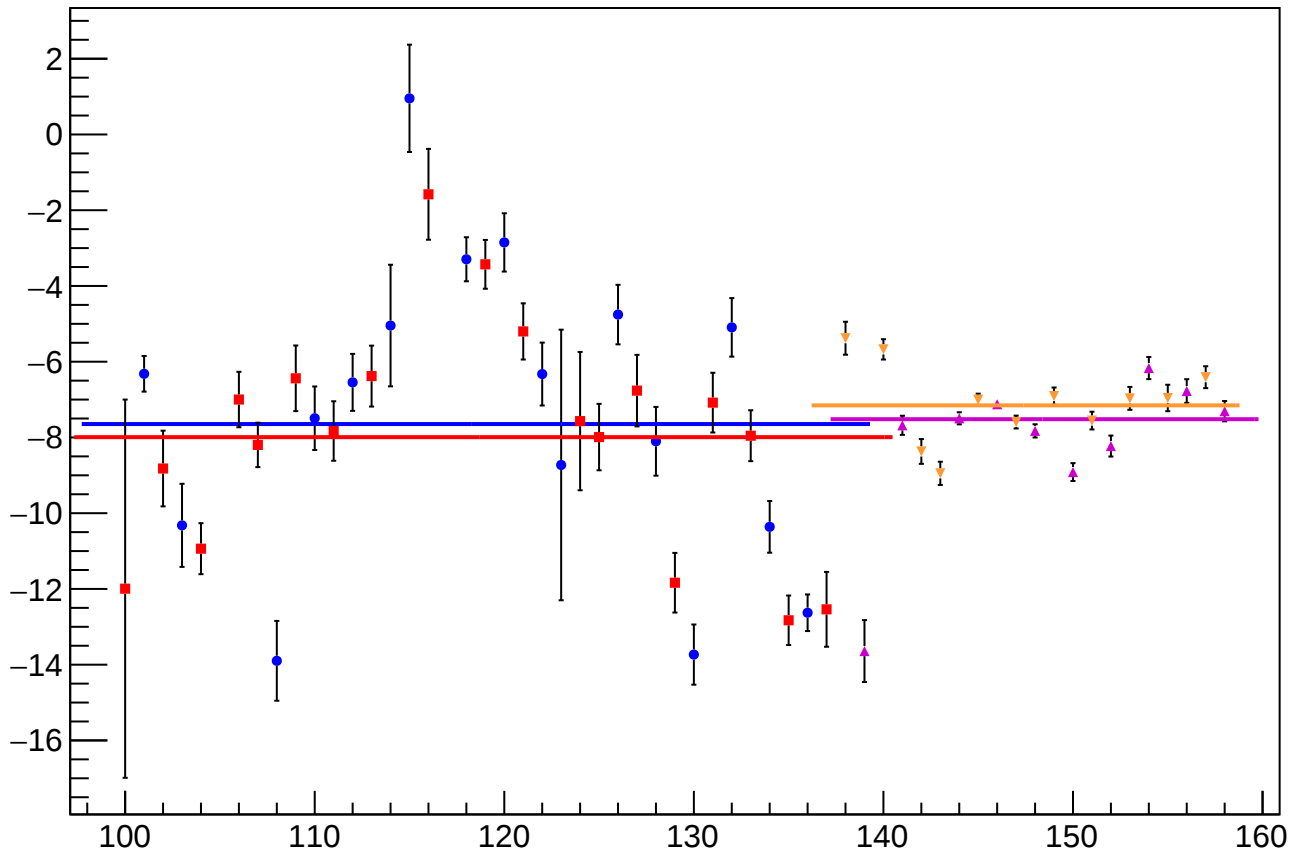
Left In: -20.350 ± 0.099 χ^2/NDF : 3666.0/9

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.815 ± 0.073 χ^2/NDF : 6822.9/20

- 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: -7.153 ± 0.074 χ^2/NDF : 114.2/10

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

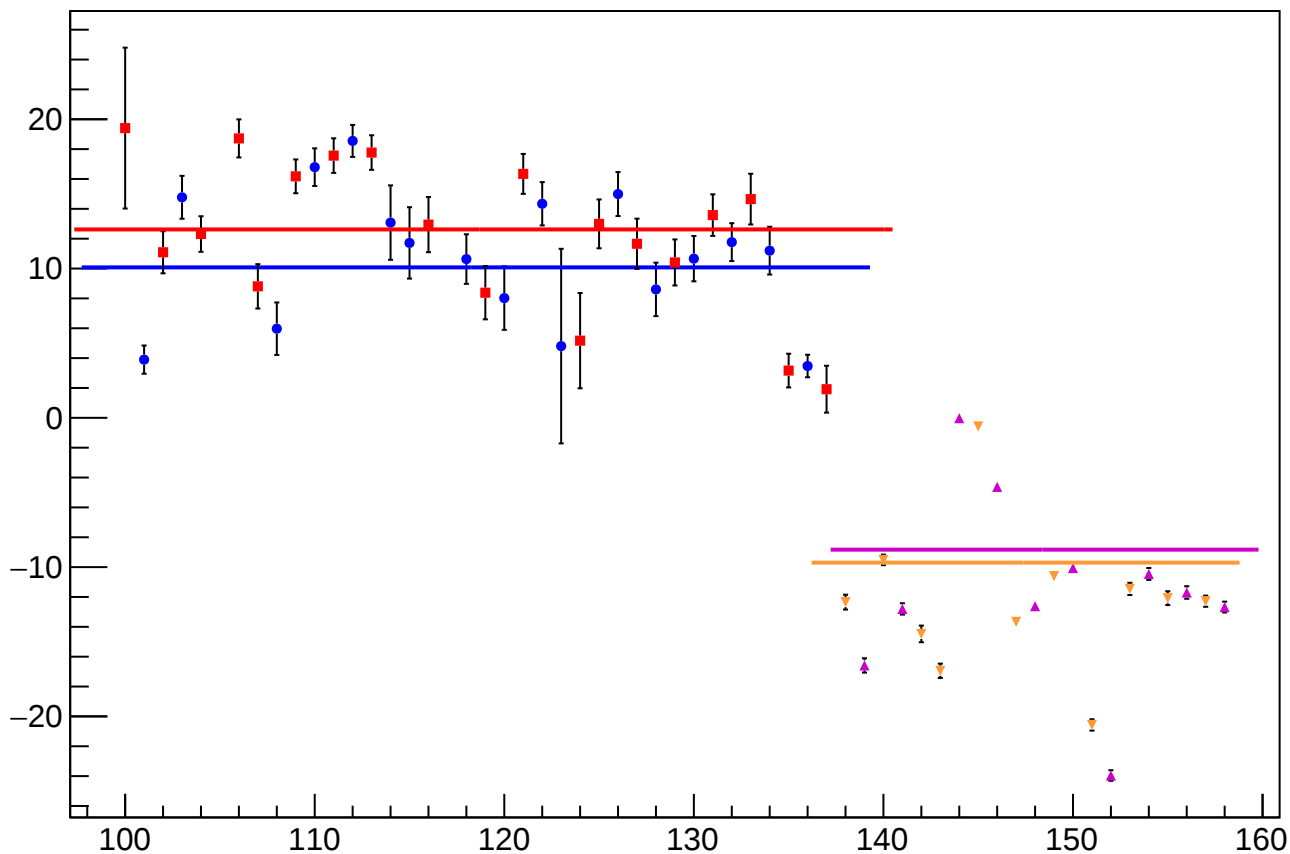
Left In: -7.518 ± 0.066 χ^2/NDF : 140.4/9

+ sign -7.221 ± 0.069 χ^2/NDF : 513.9/27

All: -7.414 ± 0.046 χ^2/NDF : 899.8/56

- sign -7.571 ± 0.062 χ^2/NDF : 371.7/28

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: -9.700 ± 0.108 $\chi^2/\text{NDF}: 3348.0/10$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

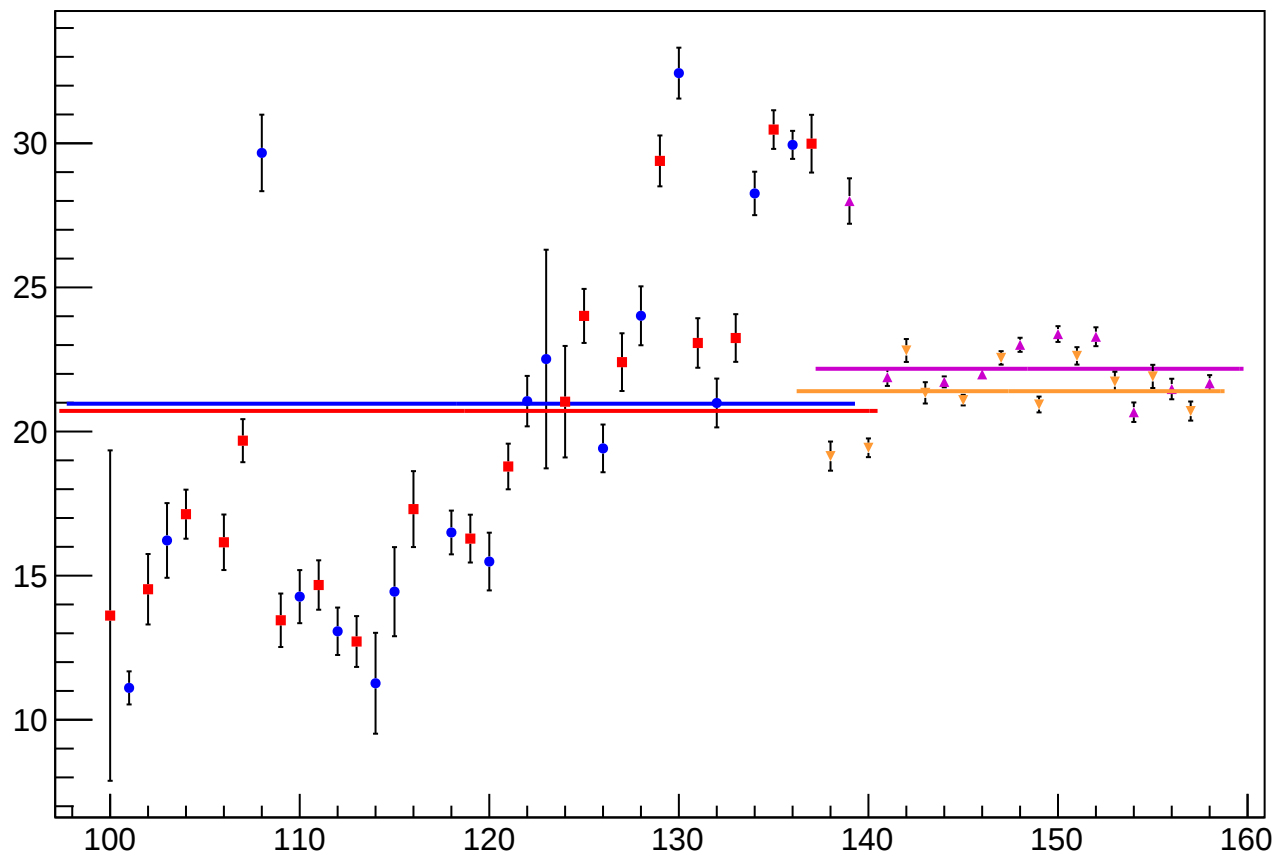
Left In: -8.830 ± 0.097 $\chi^2/\text{NDF}: 4410.3/9$

+ sign -7.859 ± 0.103 $\chi^2/\text{NDF}: 6728.4/27$

All: -7.461 ± 0.069 $\chi^2/\text{NDF}: 15219.6/56$

- sign -7.131 ± 0.094 $\chi^2/\text{NDF}: 8463.8/28$

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: 21.400 $\pm$ 0.090 χ^2 /NDF: 122.4/10

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

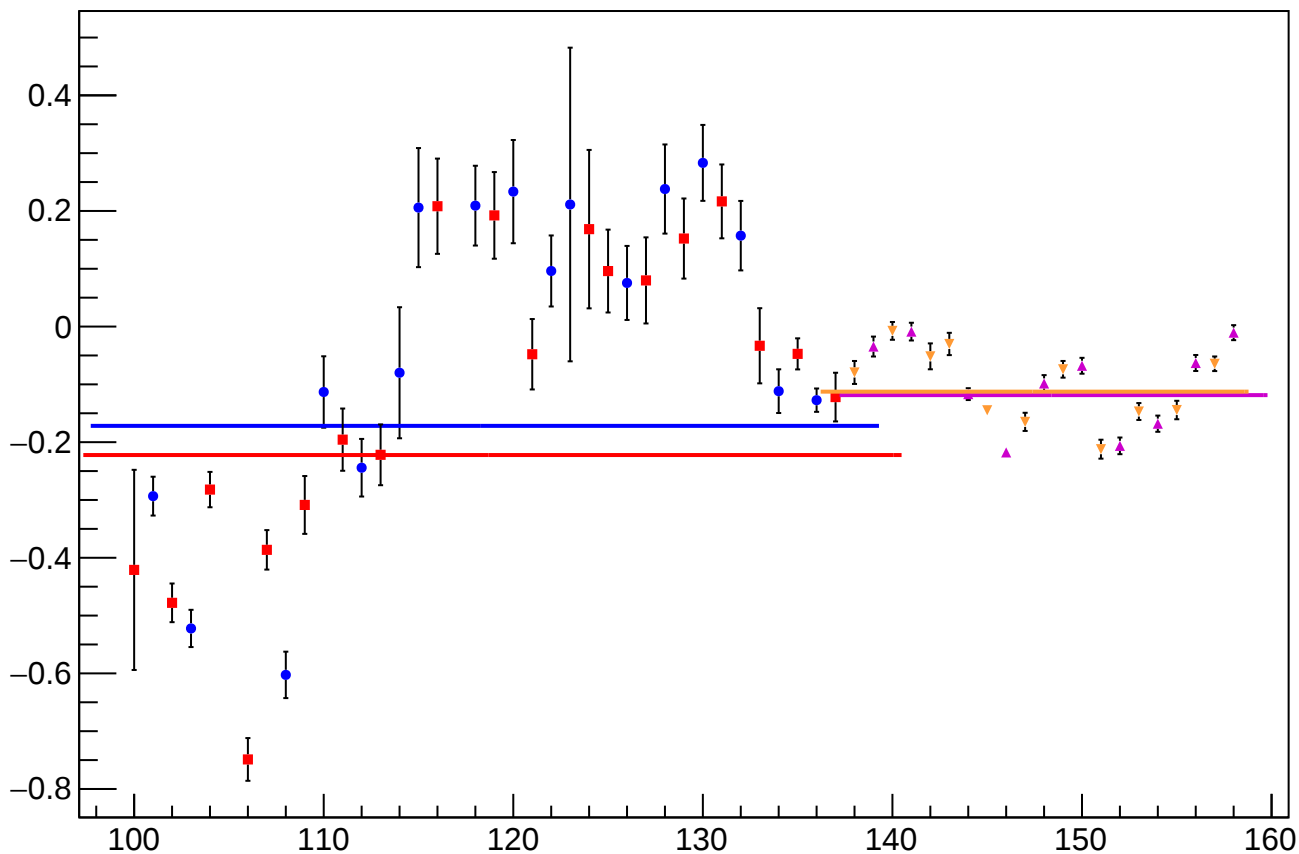
Left In: 22.177 $\pm$ 0.080 χ^2 /NDF: 132.4/9

+ sign 21.332 $\pm$ 0.083 χ^2 /NDF: 1351.5/27

All: 21.696 $\pm$ 0.056 χ^2 /NDF: 2290.3/56

- sign 21.995 $\pm$ 0.075 χ^2 /NDF: 903.6/28

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.113 ± 0.004 χ^2/NDF : 170.2/10

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

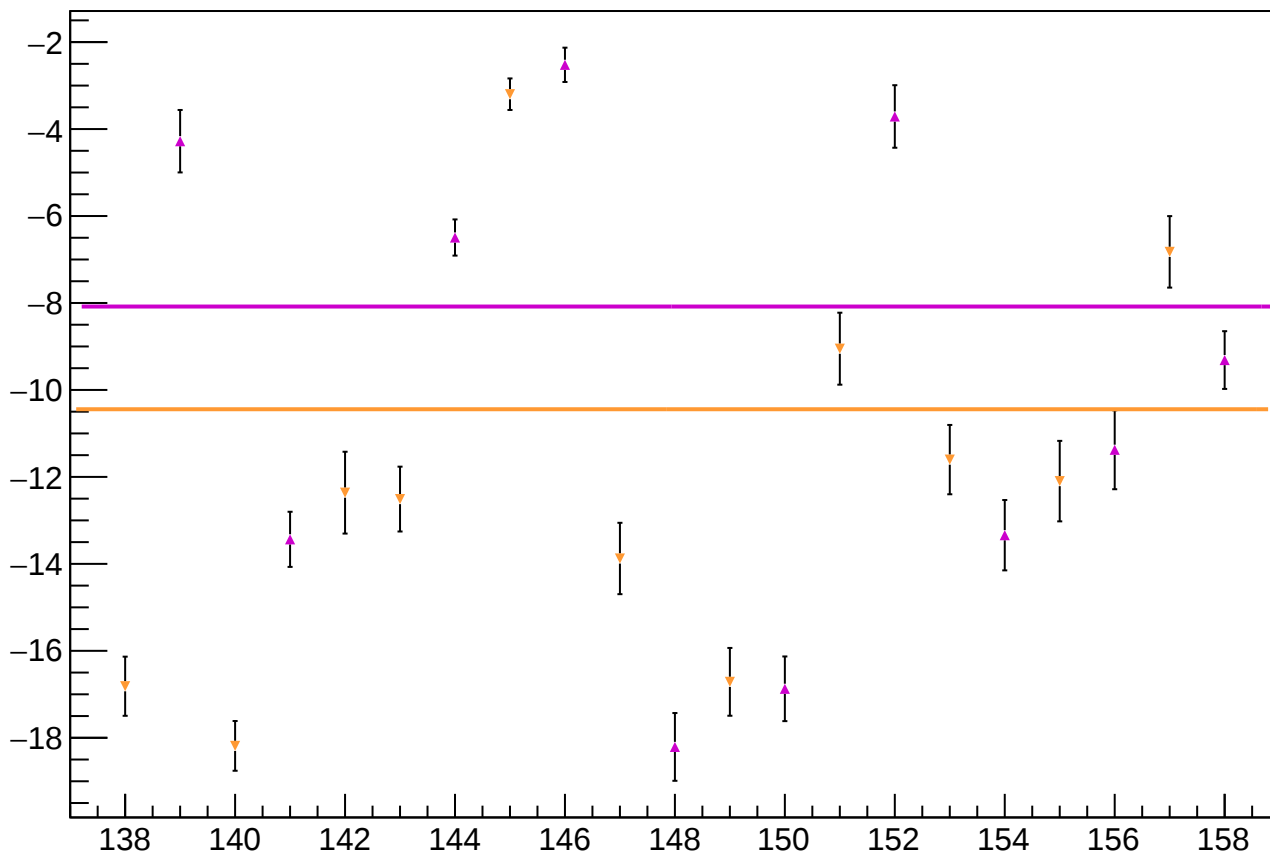
Left In: -0.119 ± 0.004 χ^2/NDF : 363.4/9

+ sign -0.120 ± 0.004 χ^2/NDF : 658.8/27

All: -0.126 ± 0.003 χ^2/NDF : 1641.2/56

- sign -0.131 ± 0.004 χ^2/NDF : 978.7/28

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.444+/-0.202 χ^2/NDF : 791.5/10

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

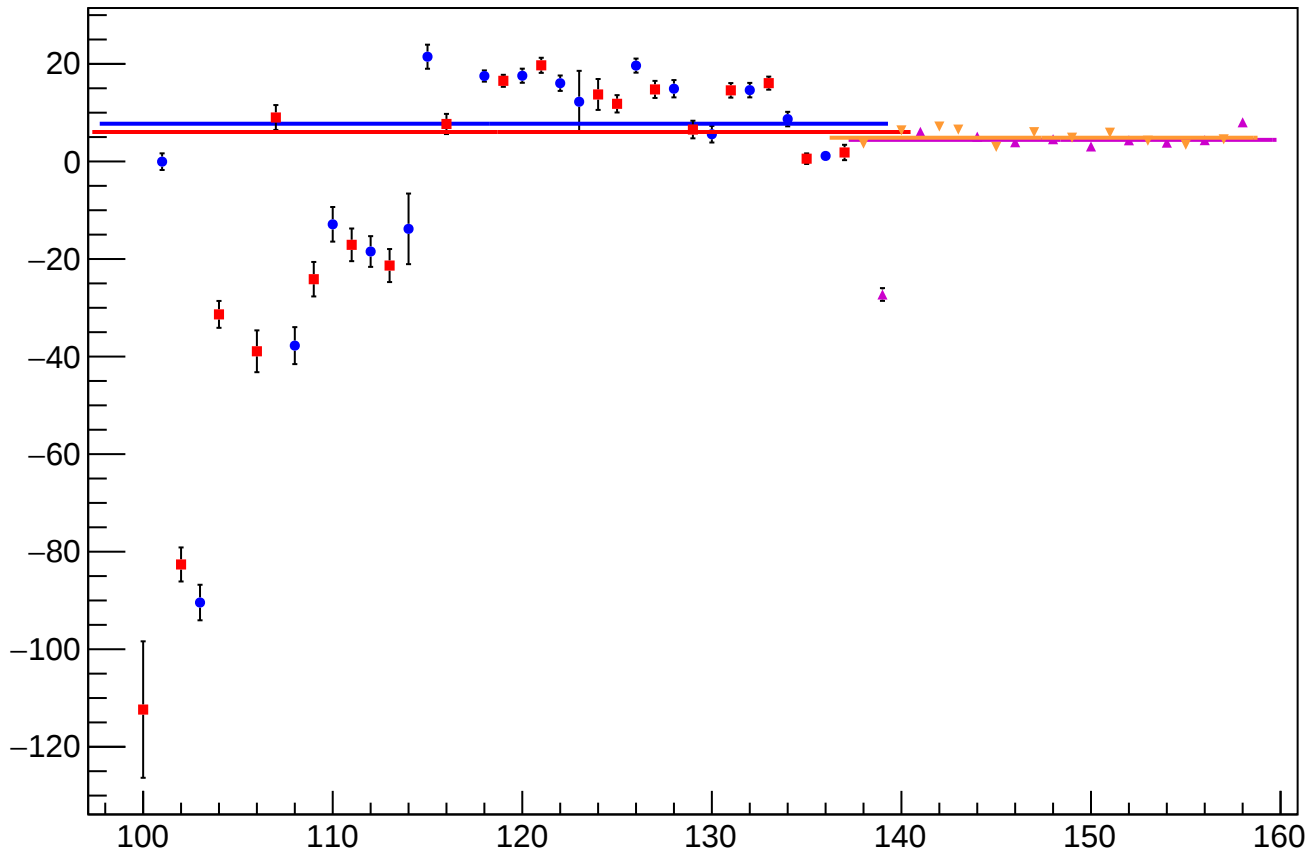
Left In: -8.082+/-0.192 χ^2/NDF : 717.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.206+/-0.139 χ^2/NDF : 1580.3/20

- 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 $\chi^2/\text{NDF}: 1358.4/16$

Left Out: 4.865 ± 0.142 $\chi^2/\text{NDF}: 101.6/10$

Right Out: 6.040 ± 0.434 $\chi^2/\text{NDF}: 1512.1/18$

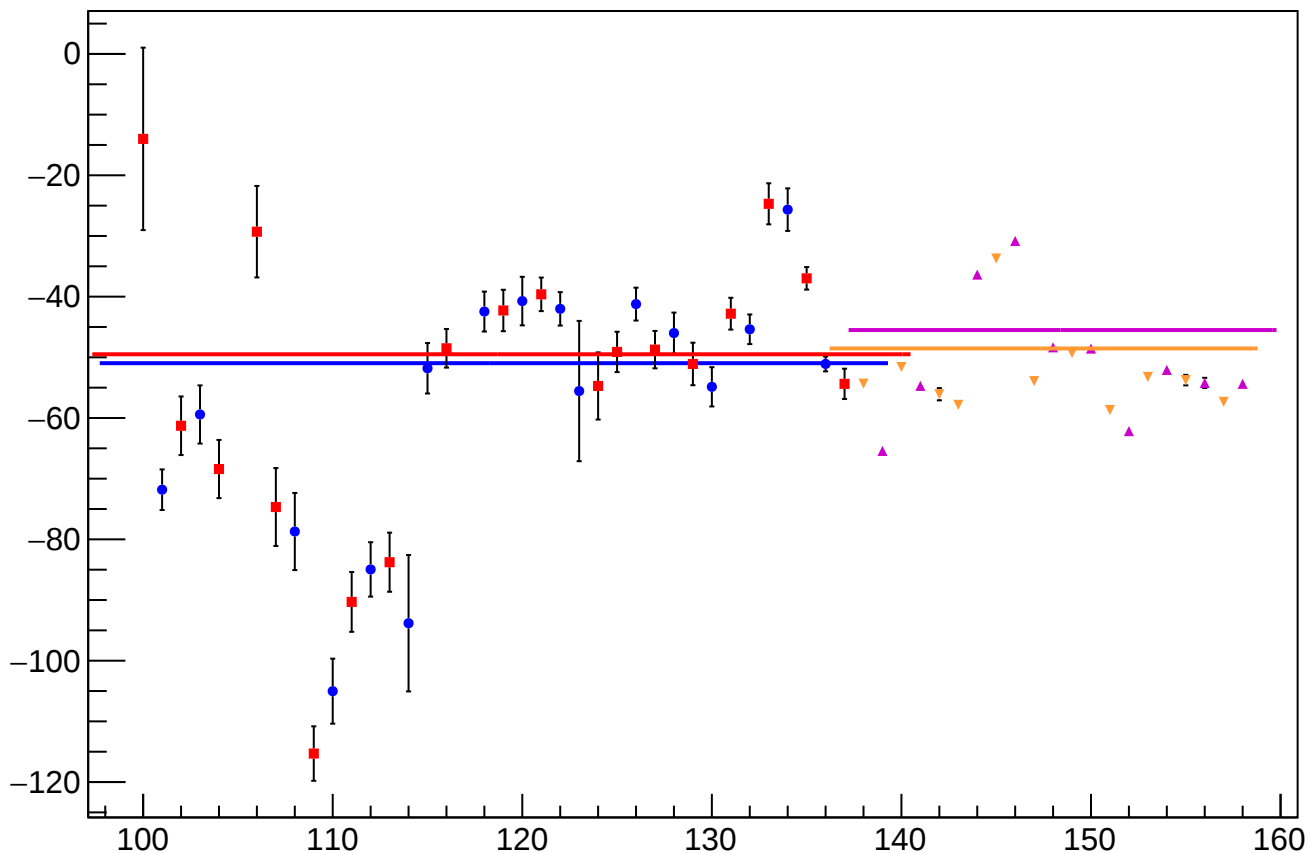
Left In: 4.427 ± 0.131 $\chi^2/\text{NDF}: 681.4/9$

+ sign 5.185 ± 0.134 $\chi^2/\text{NDF}: 1505.2/27$

All: 4.853 ± 0.092 $\chi^2/\text{NDF}: 3722.8/56$

- sign 4.563 ± 0.126 $\chi^2/\text{NDF}: 2206.2/28$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -48.541 ± 0.205 χ^2/NDF : 2168.7/10

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

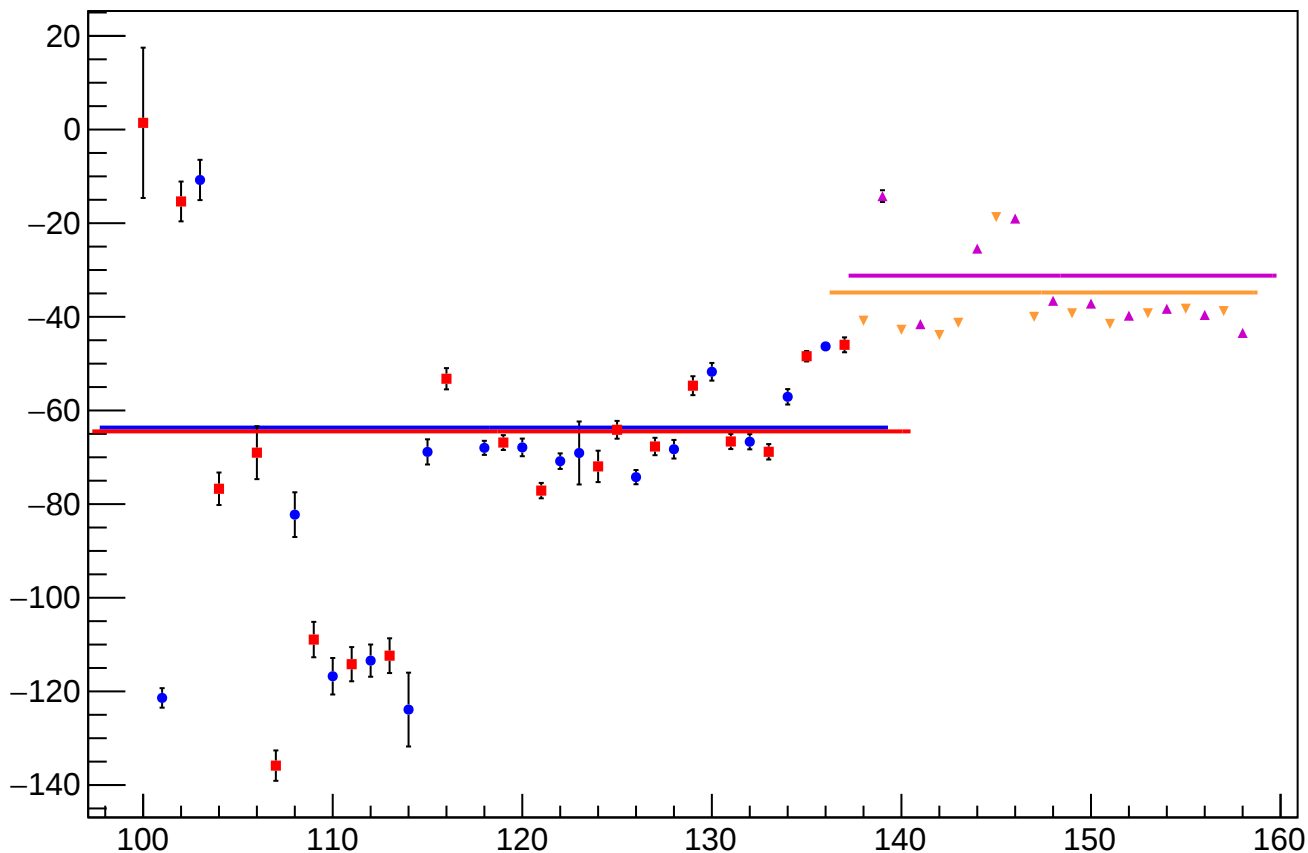
Left In: -45.503 ± 0.190 χ^2/NDF : 3773.1/9

+ sign -48.714 ± 0.197 χ^2/NDF : 2511.4/27

All: -47.118 ± 0.135 χ^2/NDF : 6941.5/56

- sign -45.718 ± 0.185 χ^2/NDF : 4307.2/28

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -34.804 ± 0.172 χ^2/NDF : 3230.7/10

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

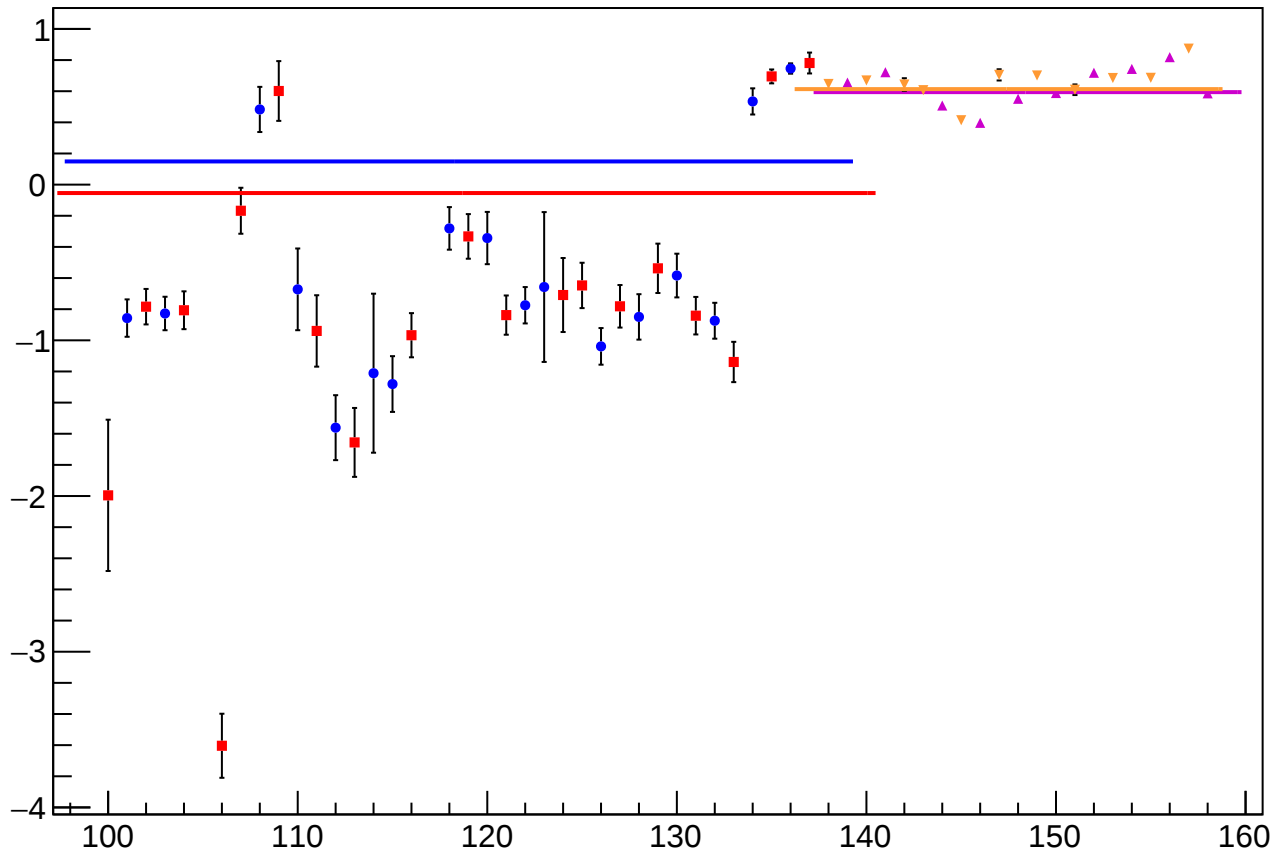
Left In: -31.203 ± 0.158 χ^2/NDF : 3620.9/9

+ sign -38.544 ± 0.160 χ^2/NDF : 8898.2/27

All: -36.353 ± 0.110 χ^2/NDF : 18769.0/56

- sign -34.430 ± 0.150 χ^2/NDF : 9520.2/28

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16

Left Out: 0.613 ± 0.008 χ^2/NDF : 310.3/10

Right Out: -0.054 ± 0.026 χ^2/NDF : 1167.9/18

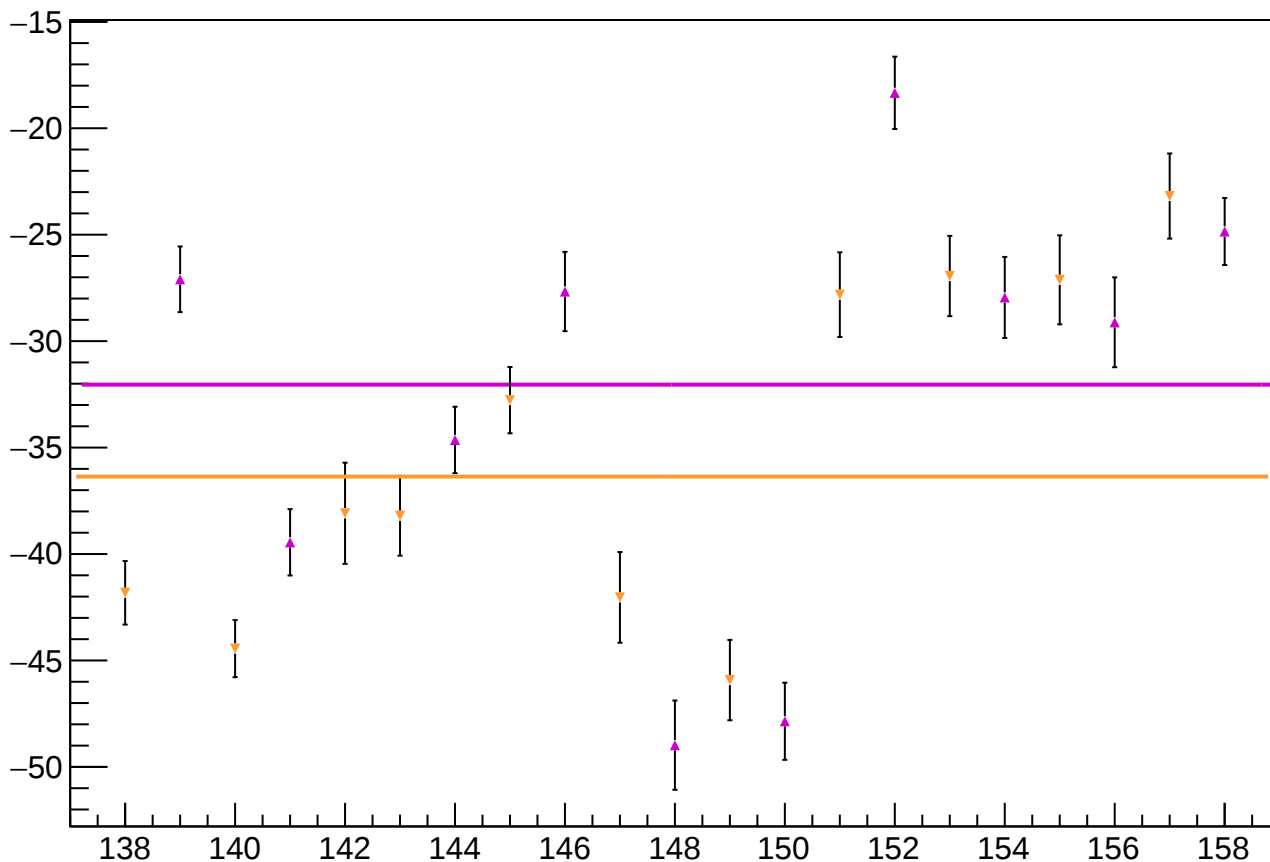
Left In: 0.594 ± 0.008 χ^2/NDF : 288.5/9

+ sign 0.566 ± 0.008 χ^2/NDF : 1637.2/27

All: 0.554 ± 0.005 χ^2/NDF : 3661.5/56

- sign 0.542 ± 0.007 χ^2/NDF : 2019.5/28

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -36.362 $\pm$ 0.543 χ^2 /NDF:195.7/10

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

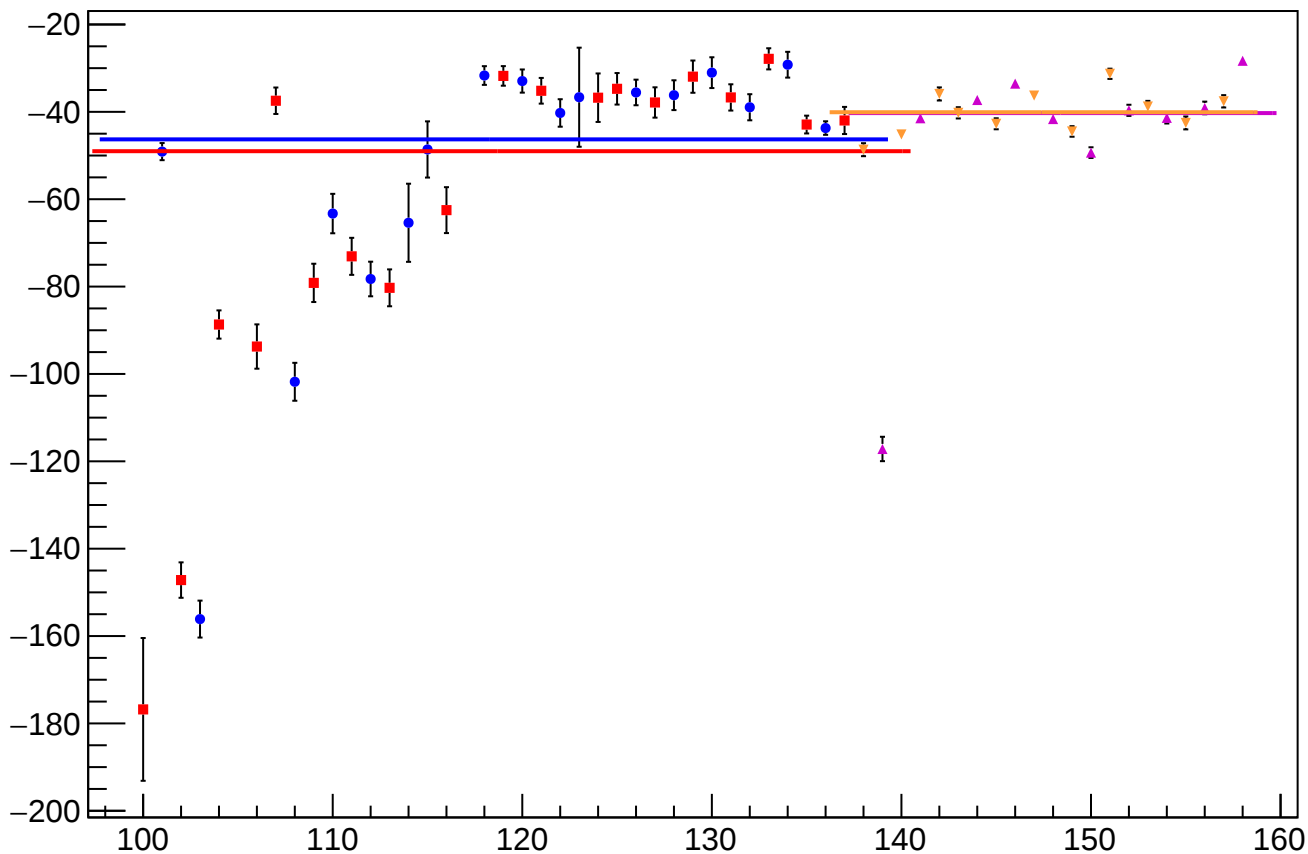
Left In: -32.043 $\pm$ 0.549 χ^2 /NDF:275.1/9

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

All: -34.228 $\pm$ 0.386 χ^2 /NDF: 502.0/20

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

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -40.086 ± 0.381 χ^2/NDF : 157.3/10

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

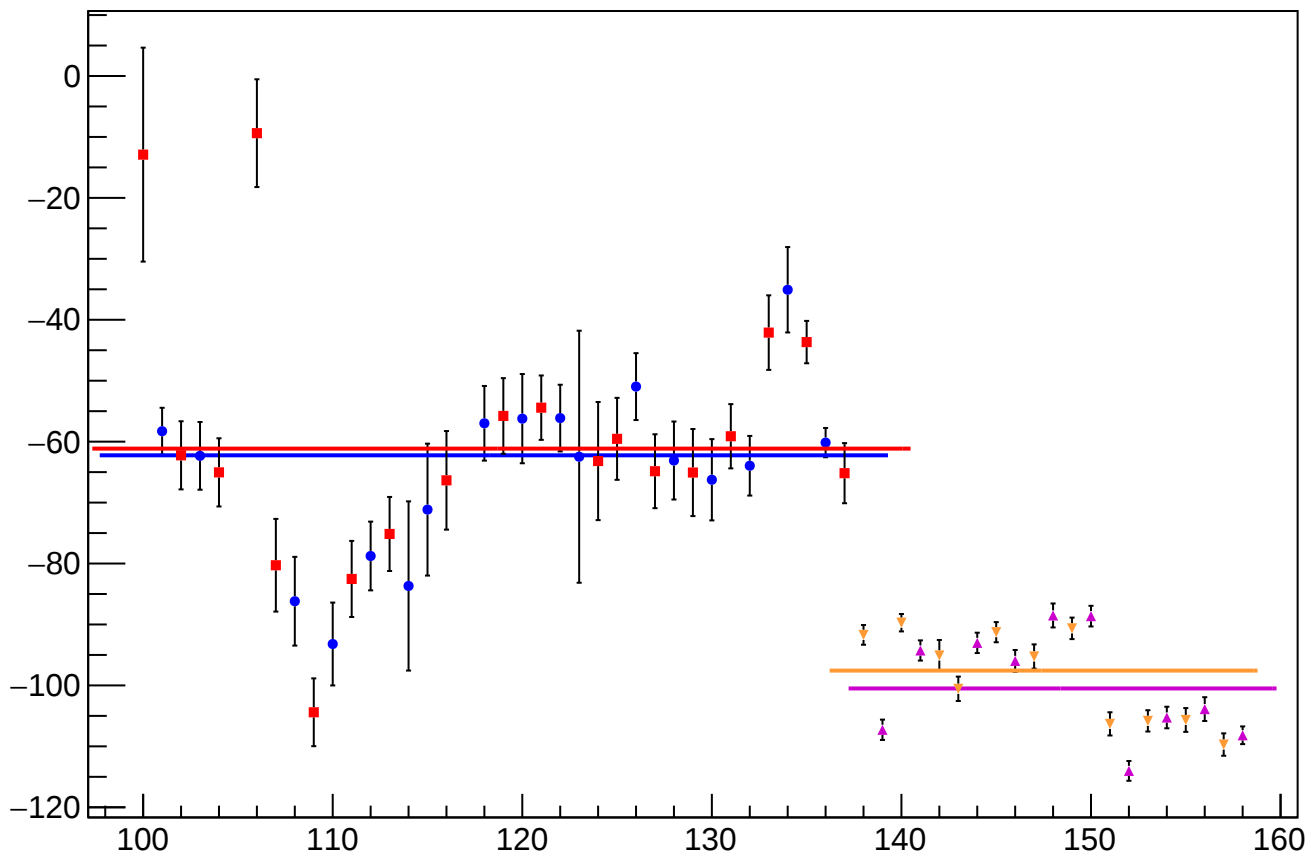
Left In: -40.284 ± 0.387 χ^2/NDF : 982.8/9

+ sign -41.438 ± 0.337 χ^2/NDF : 1299.2/27

All: -41.744 ± 0.241 χ^2/NDF : 3659.1/56

- sign -42.066 ± 0.345 χ^2/NDF : 2358.3/28

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -97.566 ± 0.544 χ^2/NDF : 182.0/10

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

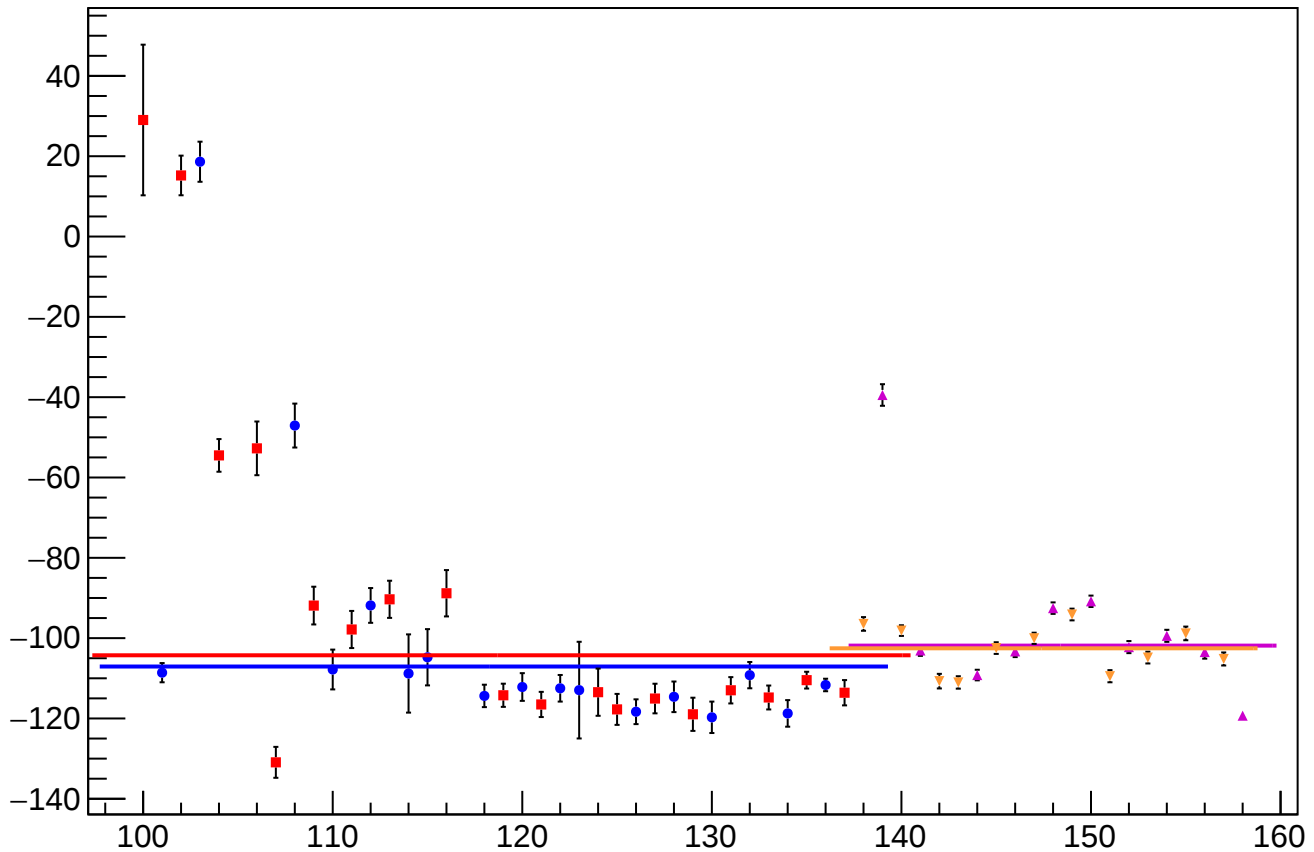
Left In: -100.499 ± 0.539 χ^2/NDF : 250.8/9

+ sign -92.370 ± 0.503 χ^2/NDF : 869.5/27

All: -93.826 ± 0.355 χ^2/NDF : 2008.7/56

- sign -95.280 ± 0.502 χ^2/NDF : 1122.5/28

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 $\chi^2/\text{NDF}: 828.4/16$

Left Out: -102.533 ± 0.461 $\chi^2/\text{NDF}: 141.4/10$

Right Out: -104.269 ± 0.861 $\chi^2/\text{NDF}: 1018.6/18$

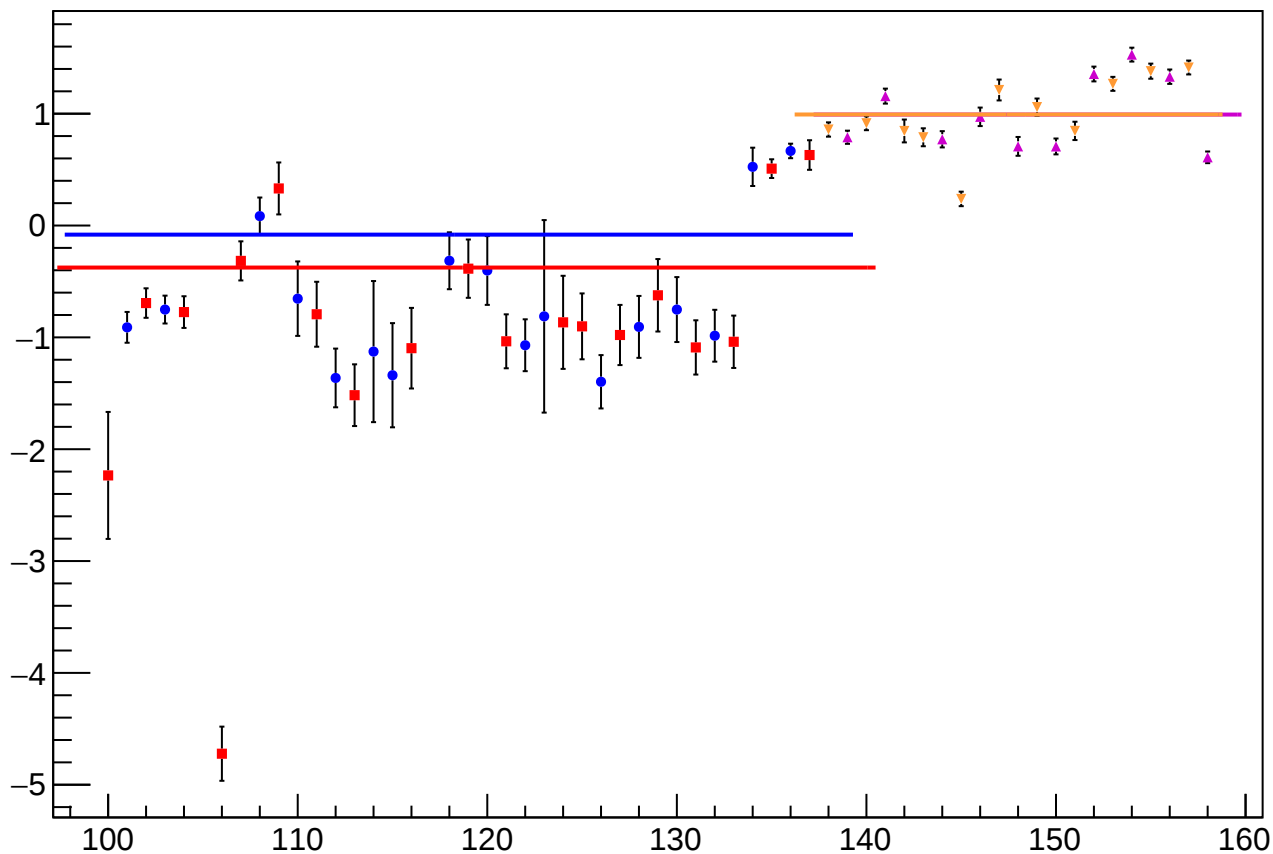
Left In: -101.861 ± 0.458 $\chi^2/\text{NDF}: 912.3/9$

+ sign -103.638 ± 0.401 $\chi^2/\text{NDF}: 993.4/27$

All: -103.021 ± 0.285 $\chi^2/\text{NDF}: 2935.3/56$

- sign -102.392 ± 0.404 $\chi^2/\text{NDF}: 1937.1/28$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.993 ± 0.022 χ^2/NDF : 257.3/10

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

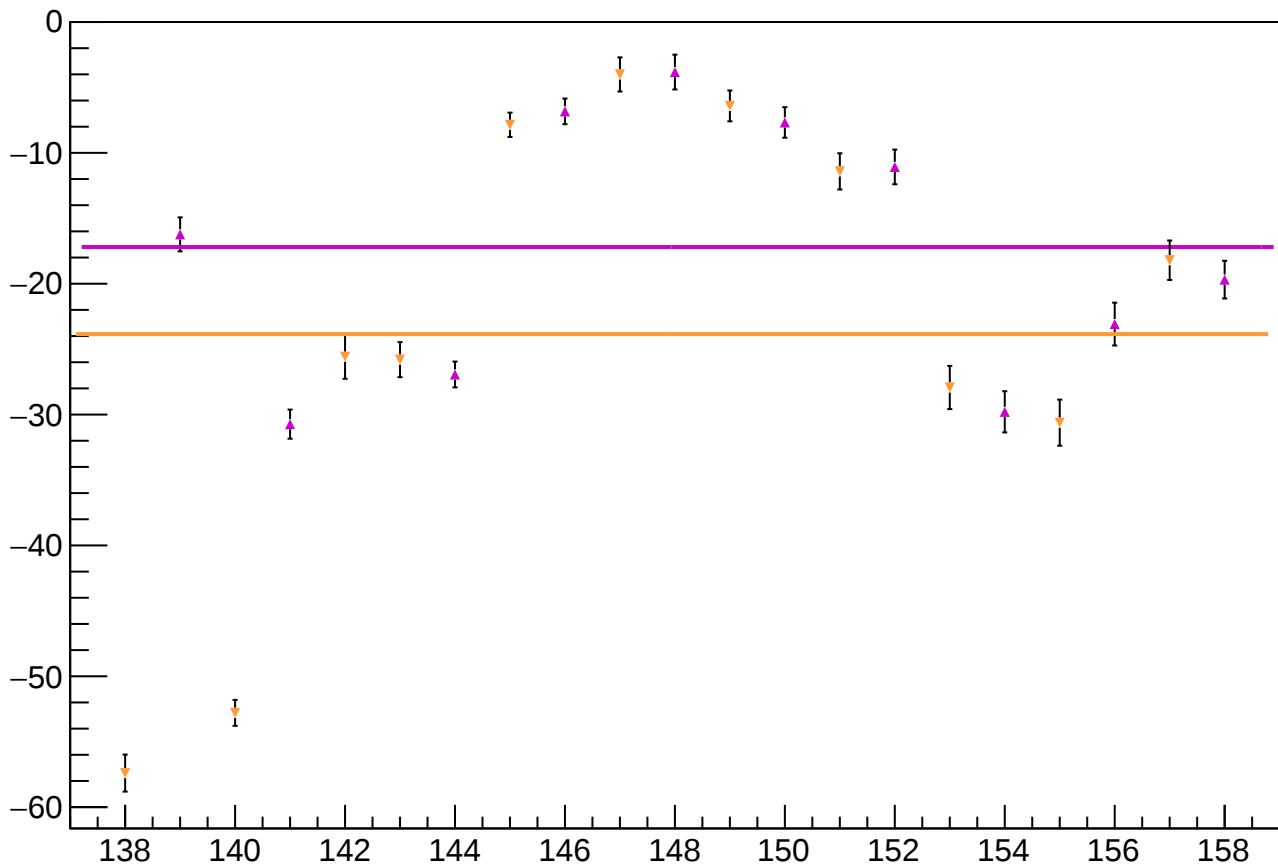
Left In: 0.992 ± 0.021 χ^2/NDF : 240.8/9

+ sign 0.771 ± 0.019 χ^2/NDF : 1101.2/27

All: 0.755 ± 0.013 χ^2/NDF : 2718.0/56

- sign 0.739 ± 0.019 χ^2/NDF : 1615.4/28

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -23.850+/-0.391 χ^2/NDF : 2281.3/10

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

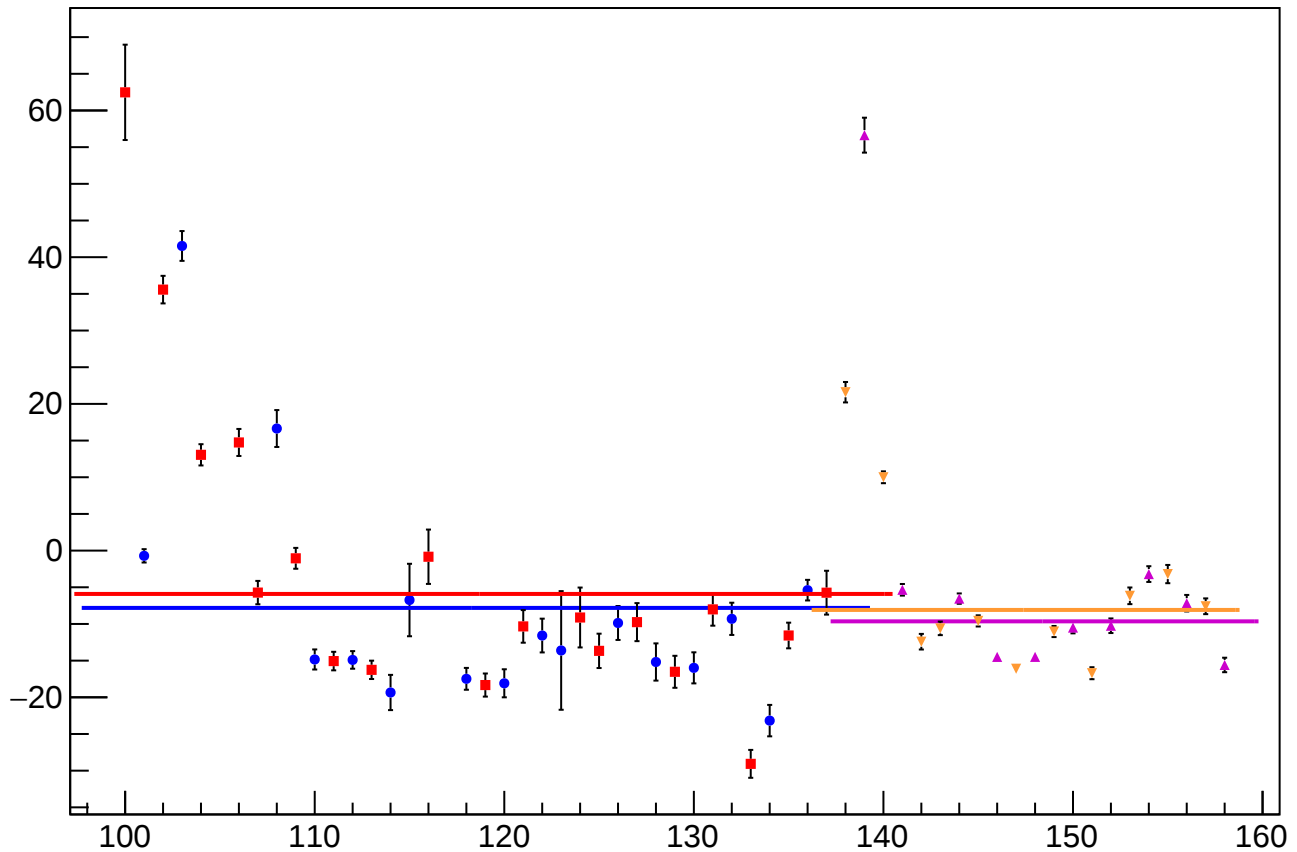
Left In: -17.196+/-0.389 χ^2/NDF : 626.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.509+/-0.276 χ^2/NDF : 3053.4/20

- 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: -8.089 ± 0.268 χ^2/NDF : 1292.5/10

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

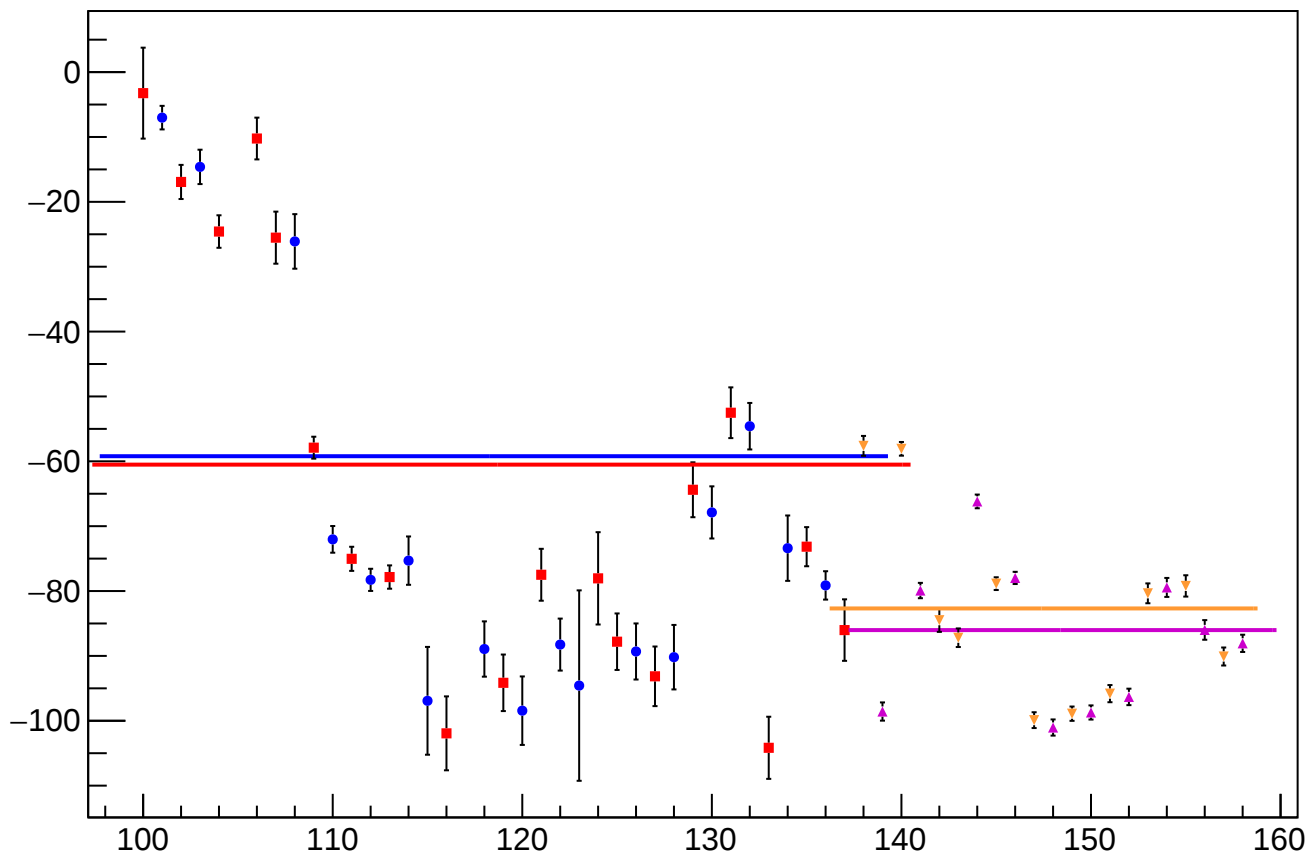
Left In: -9.646 ± 0.266 χ^2/NDF : 1020.3/9

+ sign -8.011 ± 0.227 χ^2/NDF : 2275.5/27

All: -8.309 ± 0.160 χ^2/NDF : 4647.1/56

- sign -8.606 ± 0.226 χ^2/NDF : 2368.1/28

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -82.683 ± 0.391 χ^2/NDF : 1387.2/10

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

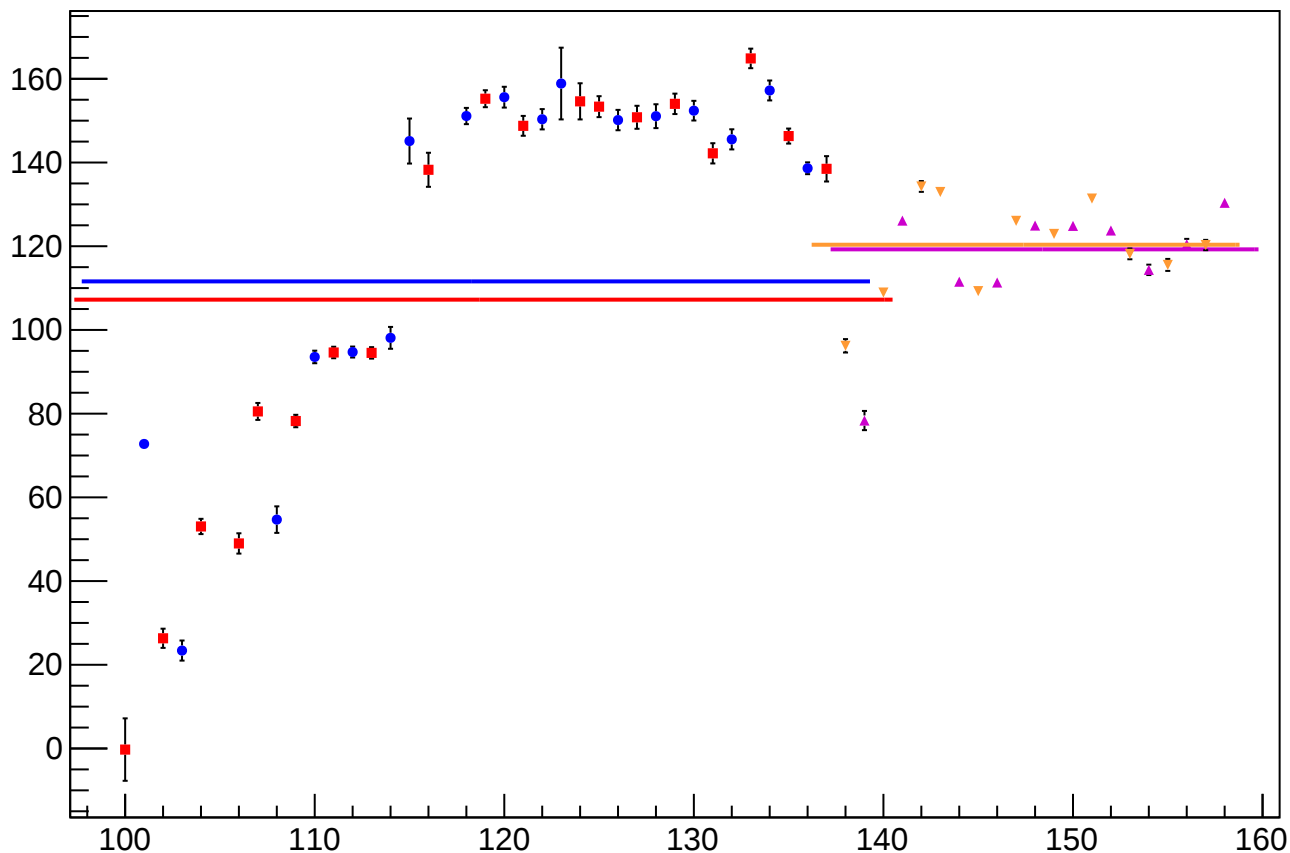
Left In: -86.020 ± 0.383 χ^2/NDF : 900.3/9

+ sign -77.597 ± 0.346 χ^2/NDF : 3887.5/27

All: -78.935 ± 0.241 χ^2/NDF : 7213.4/56

- sign -80.198 ± 0.336 χ^2/NDF : 3296.9/28

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599+/-0.487 χ^2/NDF : 5959.5/16

Left Out: 120.358+/-0.327 χ^2/NDF : 946.8/10

Right Out: 107.238+/-0.488 χ^2/NDF : 7037.4/18

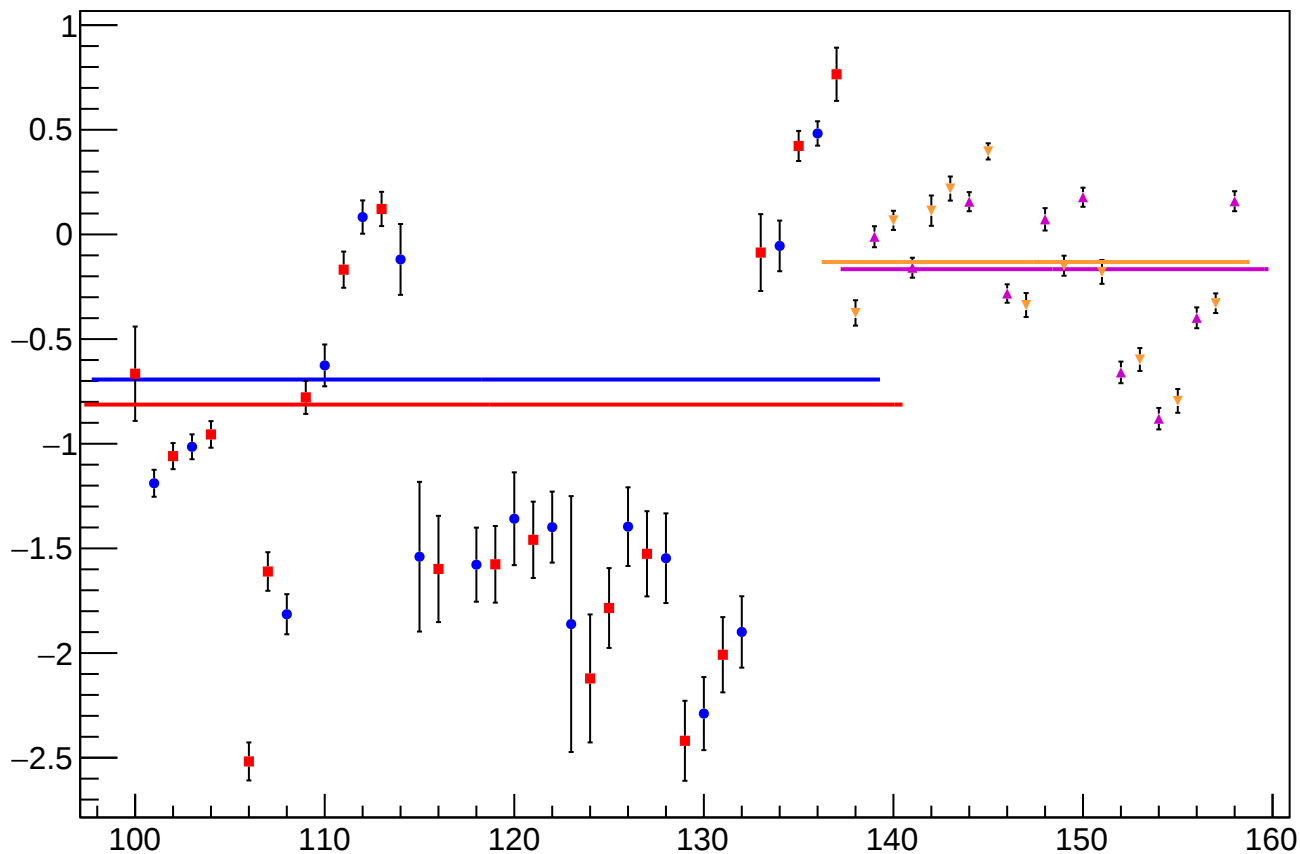
Left In: 119.252+/-0.321 χ^2/NDF : 783.7/9

+ sign 117.637+/-0.271 χ^2/NDF : 7129.7/27

All: 116.621+/-0.191 χ^2/NDF : 15402.5/56

- sign 115.629+/-0.268 χ^2/NDF : 8245.0/28

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.132 ± 0.016 χ^2/NDF : 511.4/10

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

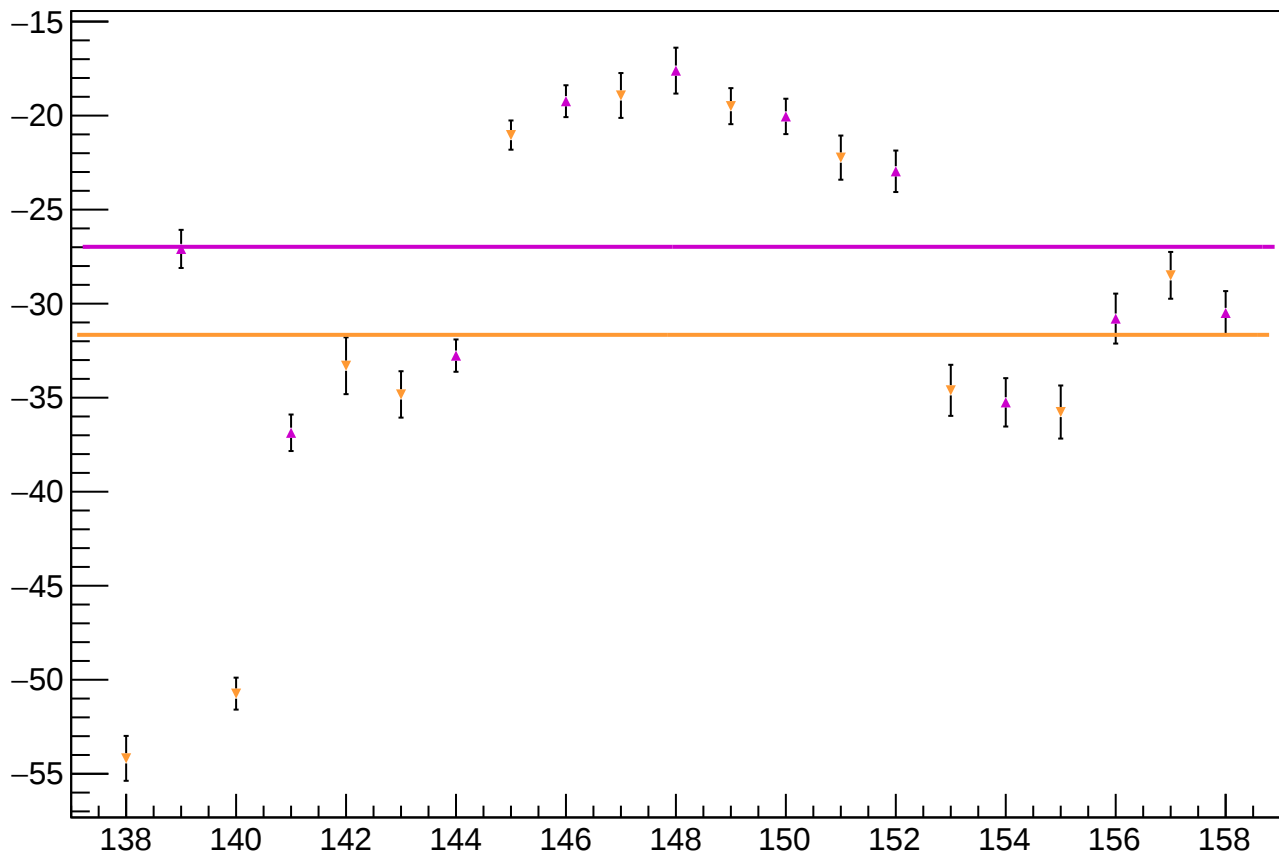
Left In: -0.166 ± 0.015 χ^2/NDF : 495.8/9

+ sign -0.284 ± 0.013 χ^2/NDF : 1850.6/27

All: -0.318 ± 0.009 χ^2/NDF : 4175.4/56

- sign -0.350 ± 0.013 χ^2/NDF : 2312.2/28

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.658+/-0.332 χ^2/NDF :1413.8/10

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

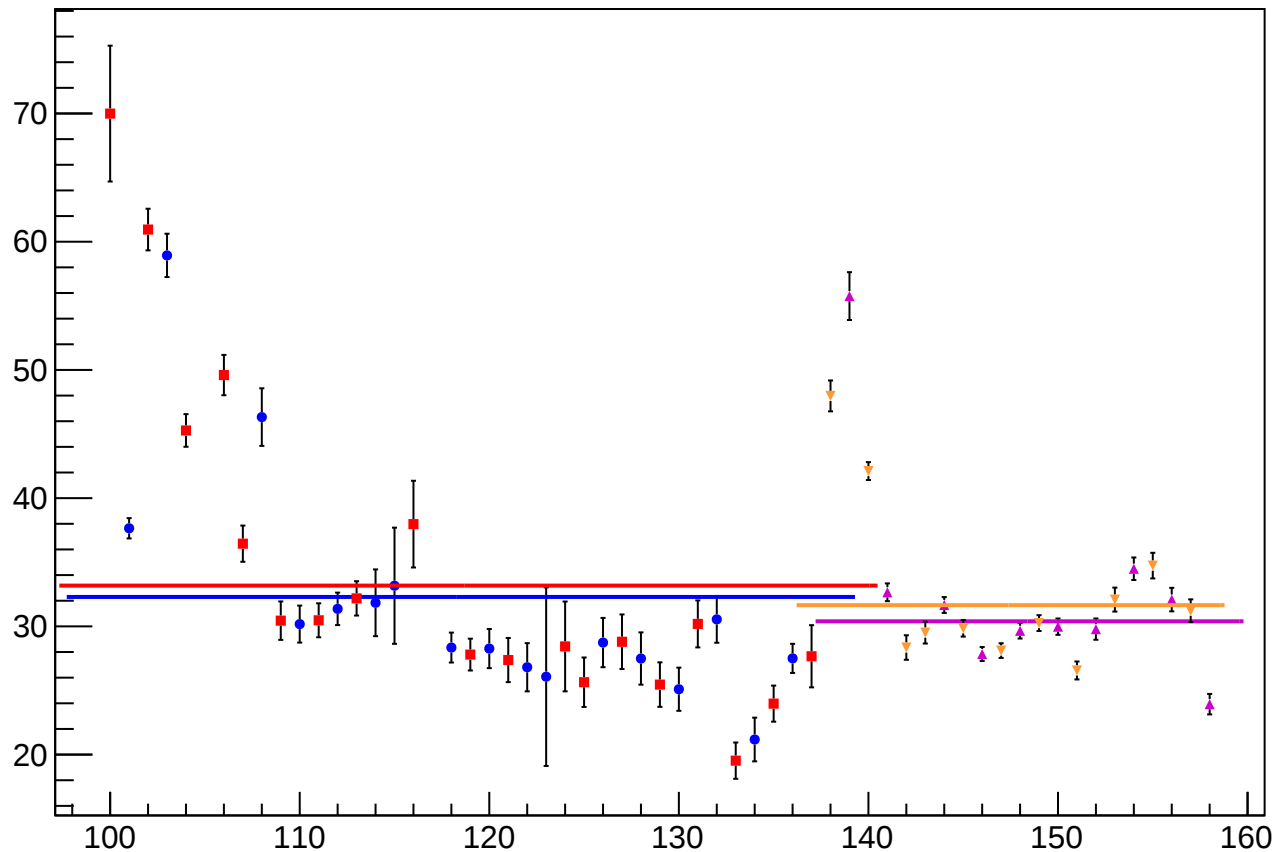
Left In: -26.977+/-0.328 χ^2/NDF :418.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.283+/-0.233 χ^2/NDF : 1932.4/20

- 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: 31.654 ± 0.231 χ^2/NDF : 541.0/10

Right Out: 33.180 ± 0.379 χ^2/NDF : 770.3/18

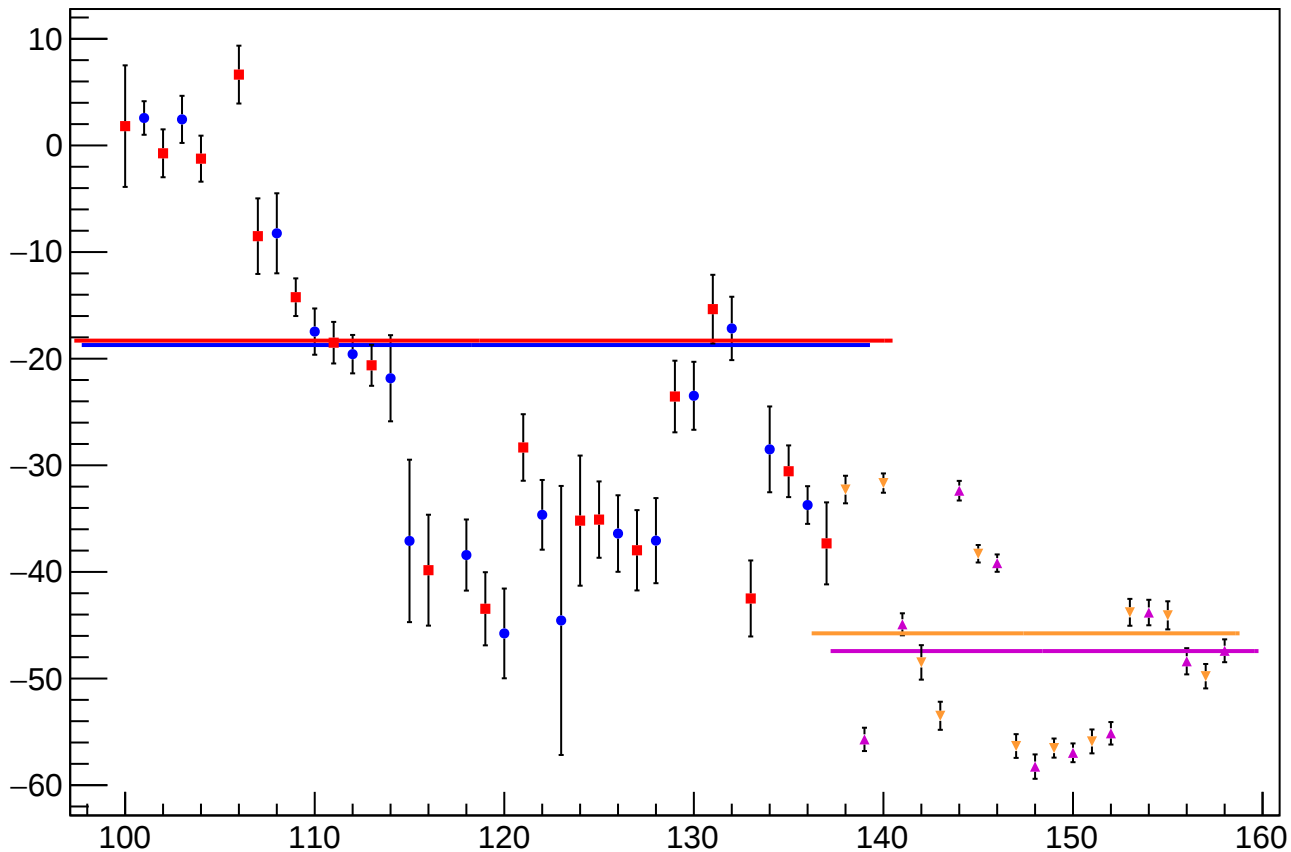
Left In: 30.395 ± 0.229 χ^2/NDF : 315.0/9

+ sign 31.831 ± 0.196 χ^2/NDF : 995.3/27

All: 31.485 ± 0.139 χ^2/NDF : 2126.4/56

- sign 31.139 ± 0.196 χ^2/NDF : 1124.8/28

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 $\chi^2/\text{NDF}: 519.6/16$

Left Out: -45.760 ± 0.332 $\chi^2/\text{NDF}: 803.7/10$

Right Out: -18.306 ± 0.644 $\chi^2/\text{NDF}: 472.6/18$

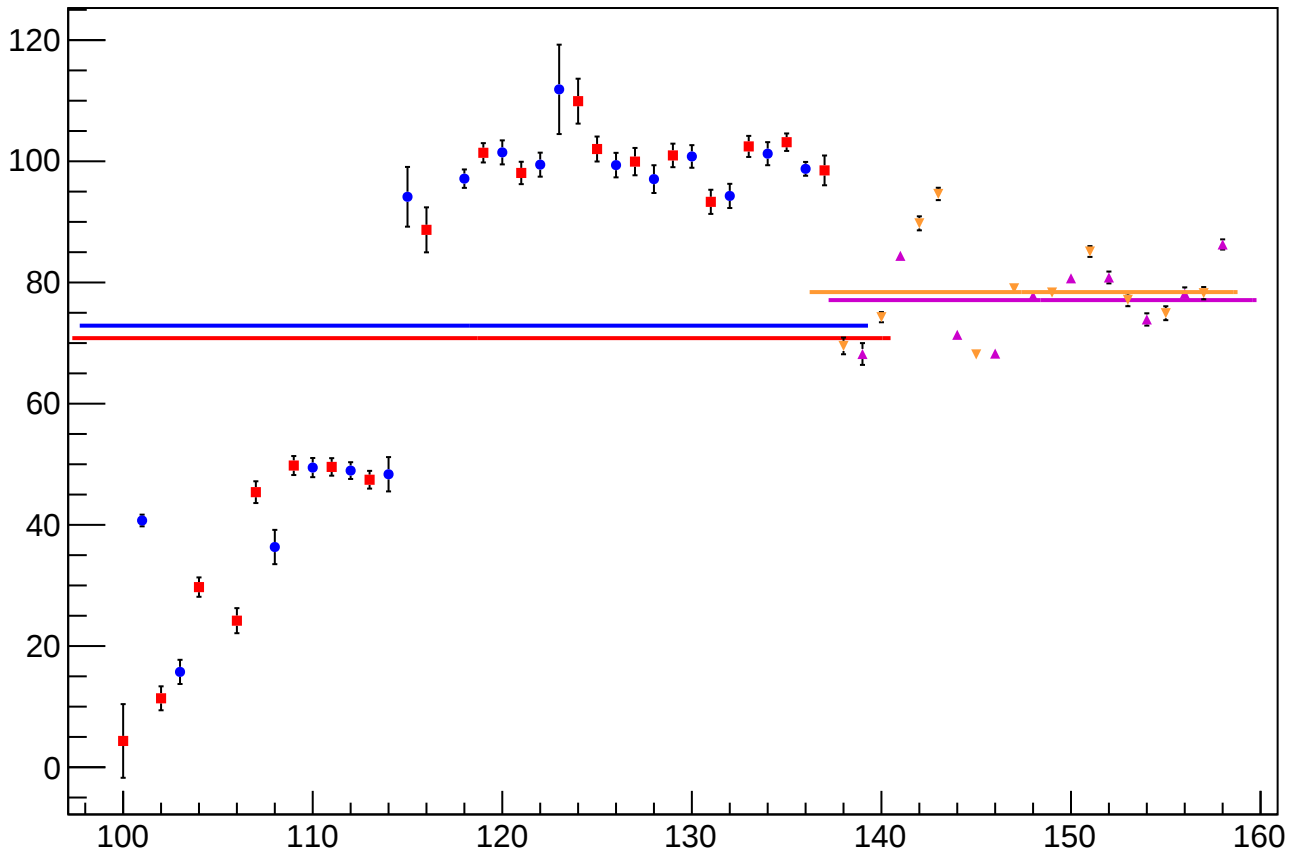
Left In: -47.424 ± 0.322 $\chi^2/\text{NDF}: 703.2/9$

+ sign -40.374 ± 0.297 $\chi^2/\text{NDF}: 2645.7/27$

All: -41.003 ± 0.207 $\chi^2/\text{NDF}: 5467.6/56$

- sign -41.594 ± 0.288 $\chi^2/\text{NDF}: 2813.2/28$

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: 78.416 ± 0.280 $\chi^2/\text{NDF}: 674.8/10$

Right Out: 70.815 ± 0.433 $\chi^2/\text{NDF}: 5489.3/18$

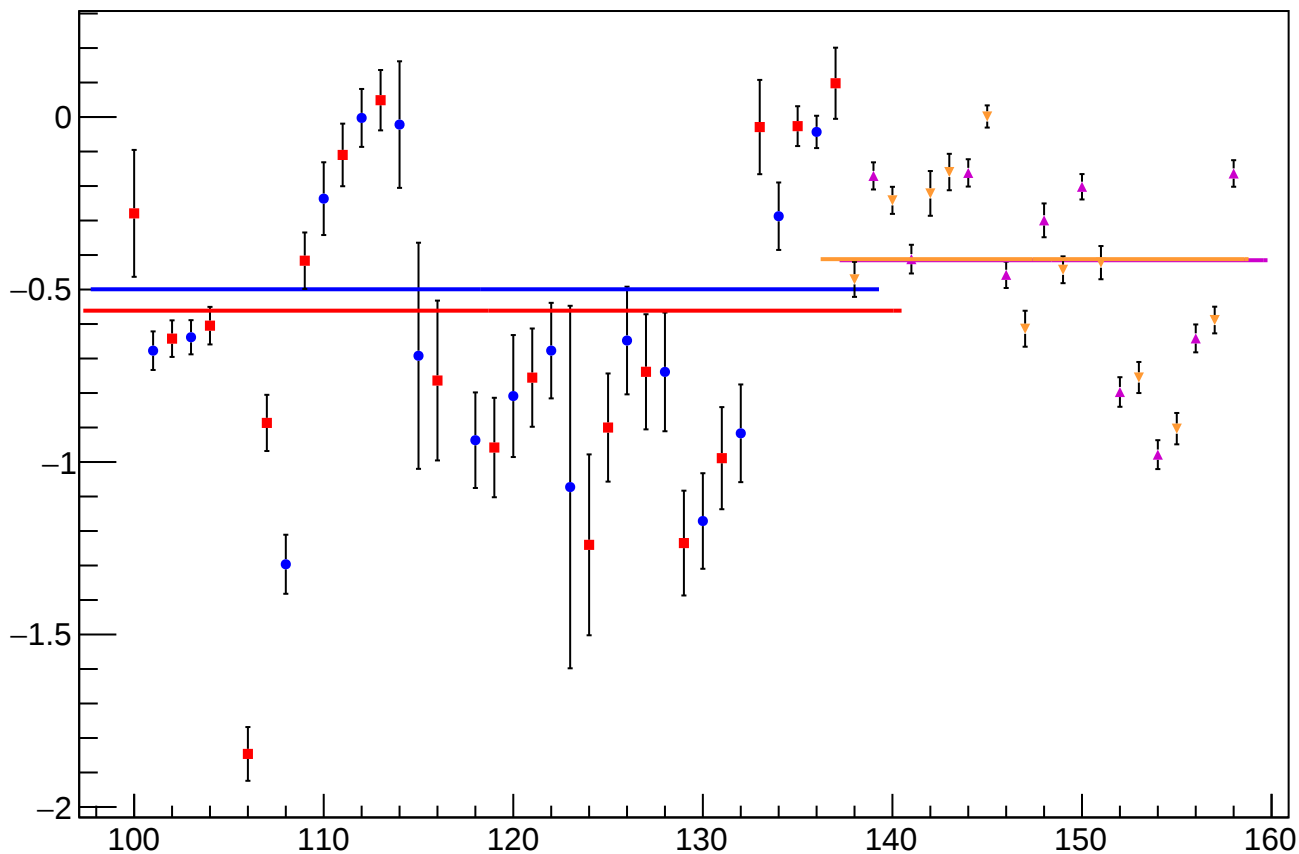
Left In: 77.091 ± 0.273 $\chi^2/\text{NDF}: 503.0/9$

+ sign 76.746 ± 0.234 $\chi^2/\text{NDF}: 5531.0/27$

All: 76.019 ± 0.164 $\chi^2/\text{NDF}: 11692.7/56$

- sign 75.311 ± 0.231 $\chi^2/\text{NDF}: 6142.6/28$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.412 ± 0.013 χ^2/NDF : 428.2/10

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

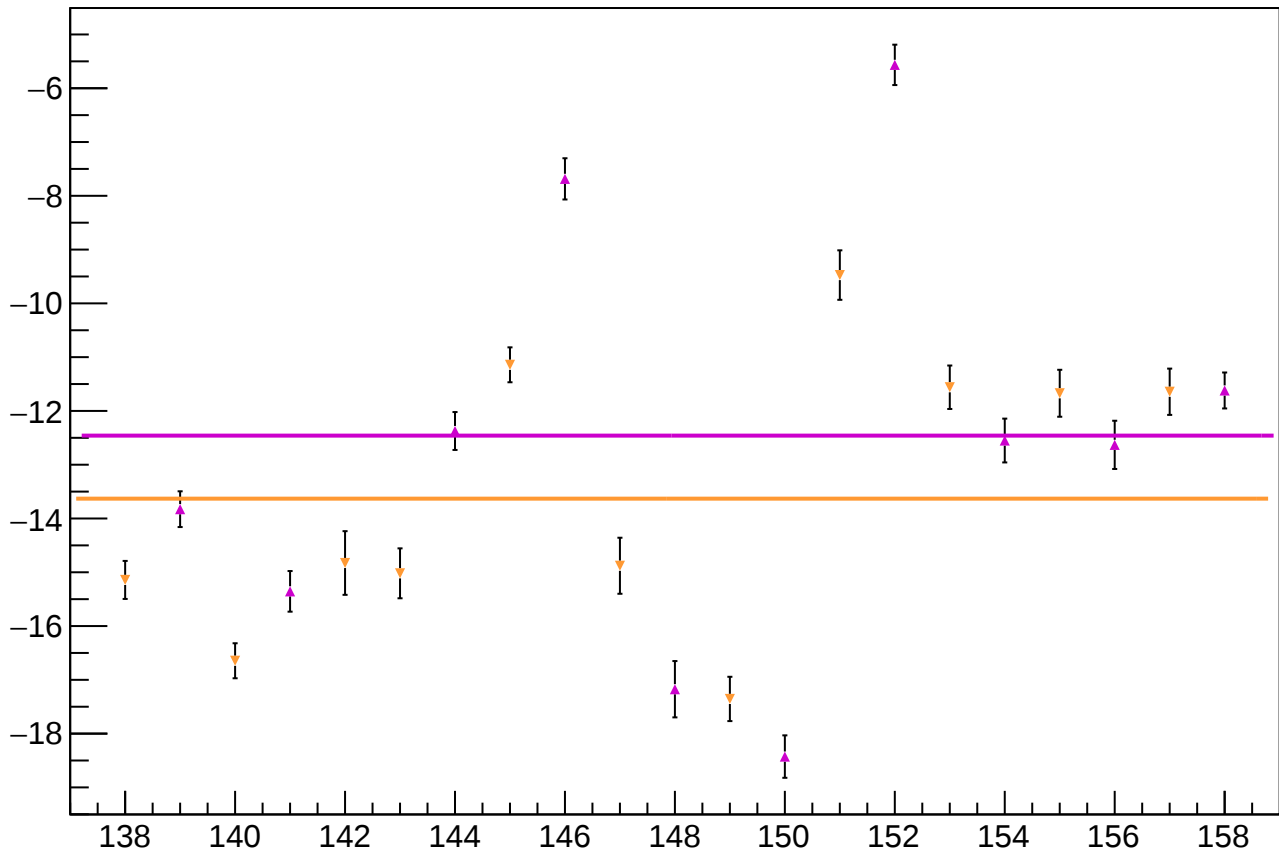
Left In: -0.415 ± 0.013 χ^2/NDF : 453.9/9

+ sign -0.435 ± 0.011 χ^2/NDF : 743.1/27

All: -0.445 ± 0.008 χ^2/NDF : 1795.1/56

- sign -0.454 ± 0.011 χ^2/NDF : 1050.7/28

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.631+/-0.124 χ^2/NDF : 412.8/10

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

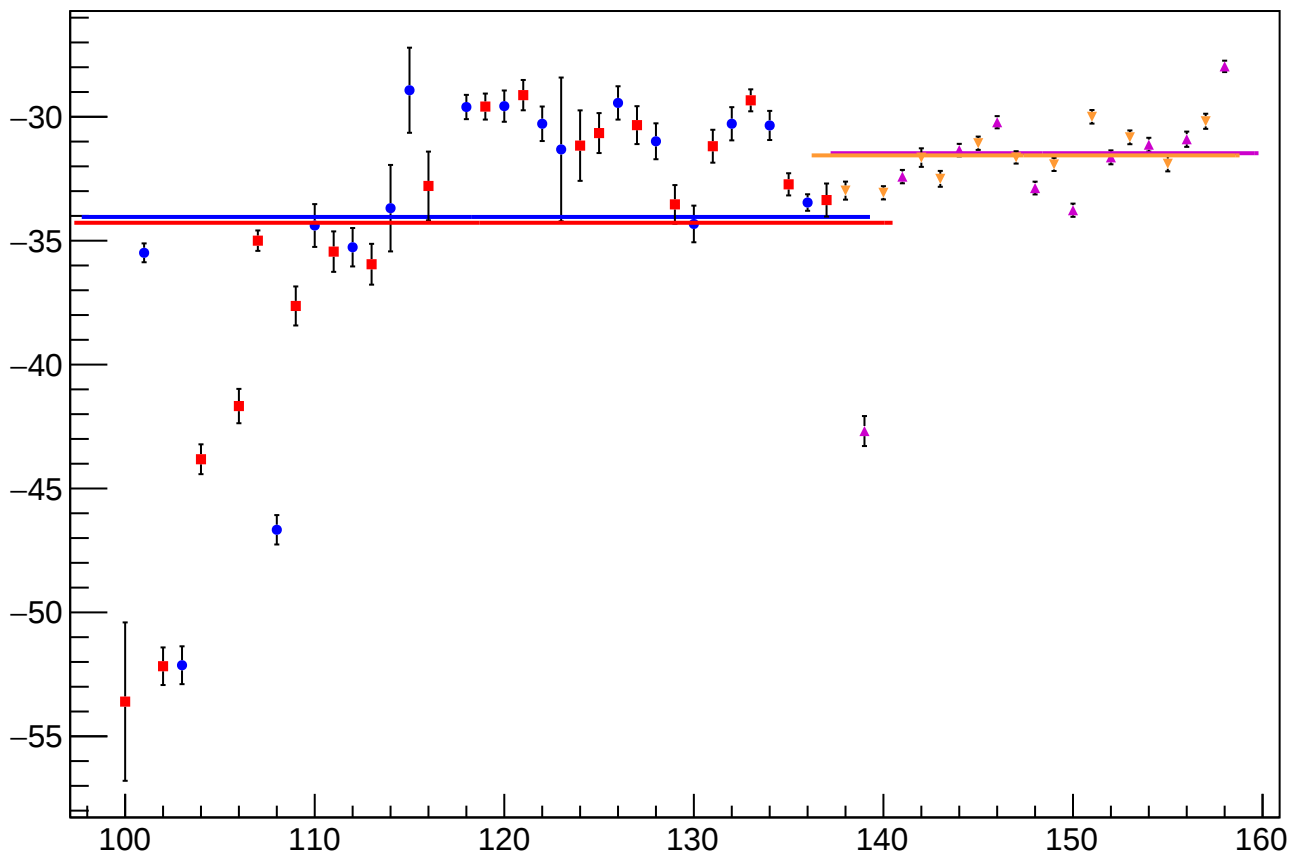
Left In: -12.459+/-0.121 χ^2/NDF : 884.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.034+/-0.087 χ^2/NDF : 1342.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -31.557 ± 0.088 χ^2/NDF : 121.8/10

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

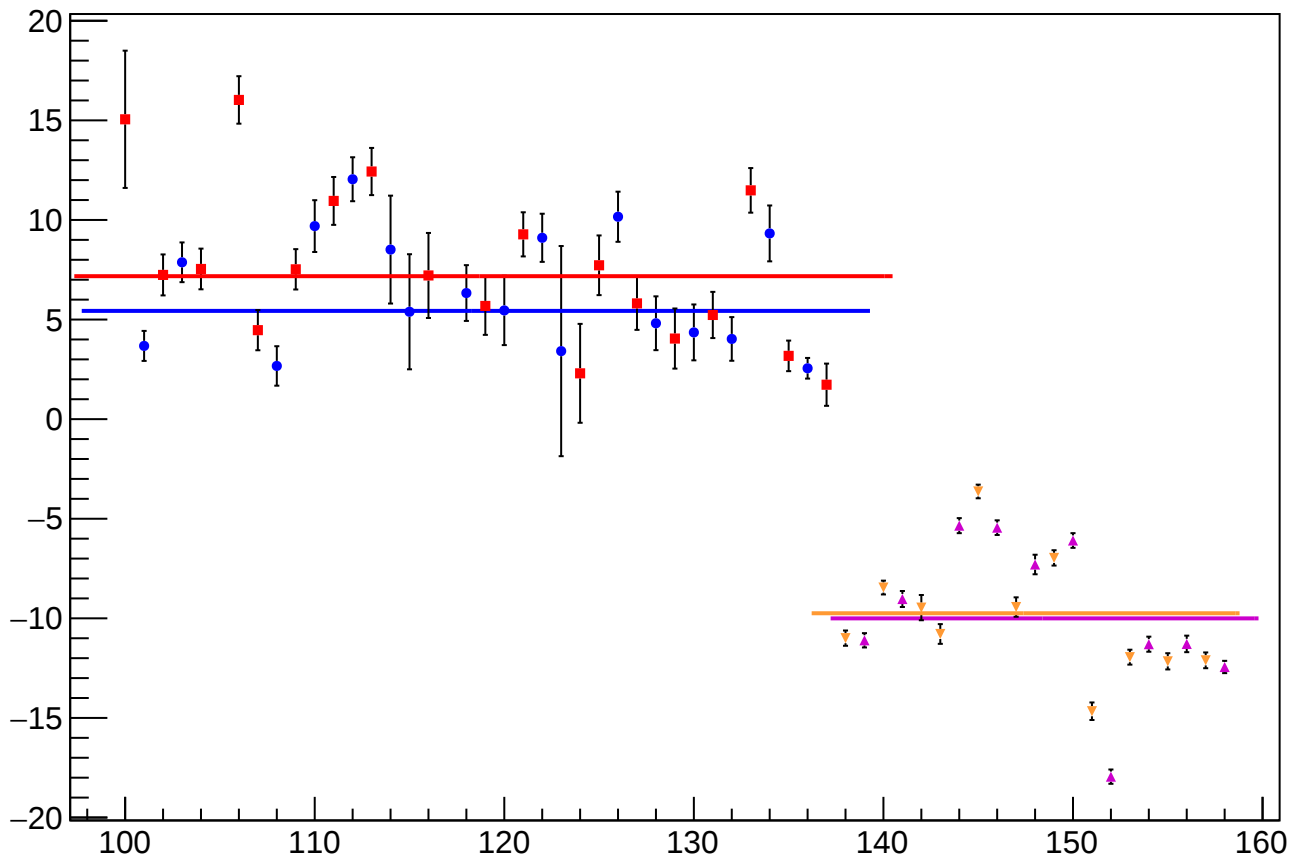
Left In: -31.470 ± 0.087 χ^2/NDF : 721.8/9

+ sign -32.187 ± 0.076 χ^2/NDF : 1665.5/27

All: -32.178 ± 0.053 χ^2/NDF : 3996.8/56

- sign -32.169 ± 0.075 χ^2/NDF : 2331.3/28

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -9.745 ± 0.123 χ^2/NDF : 629.5/10

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

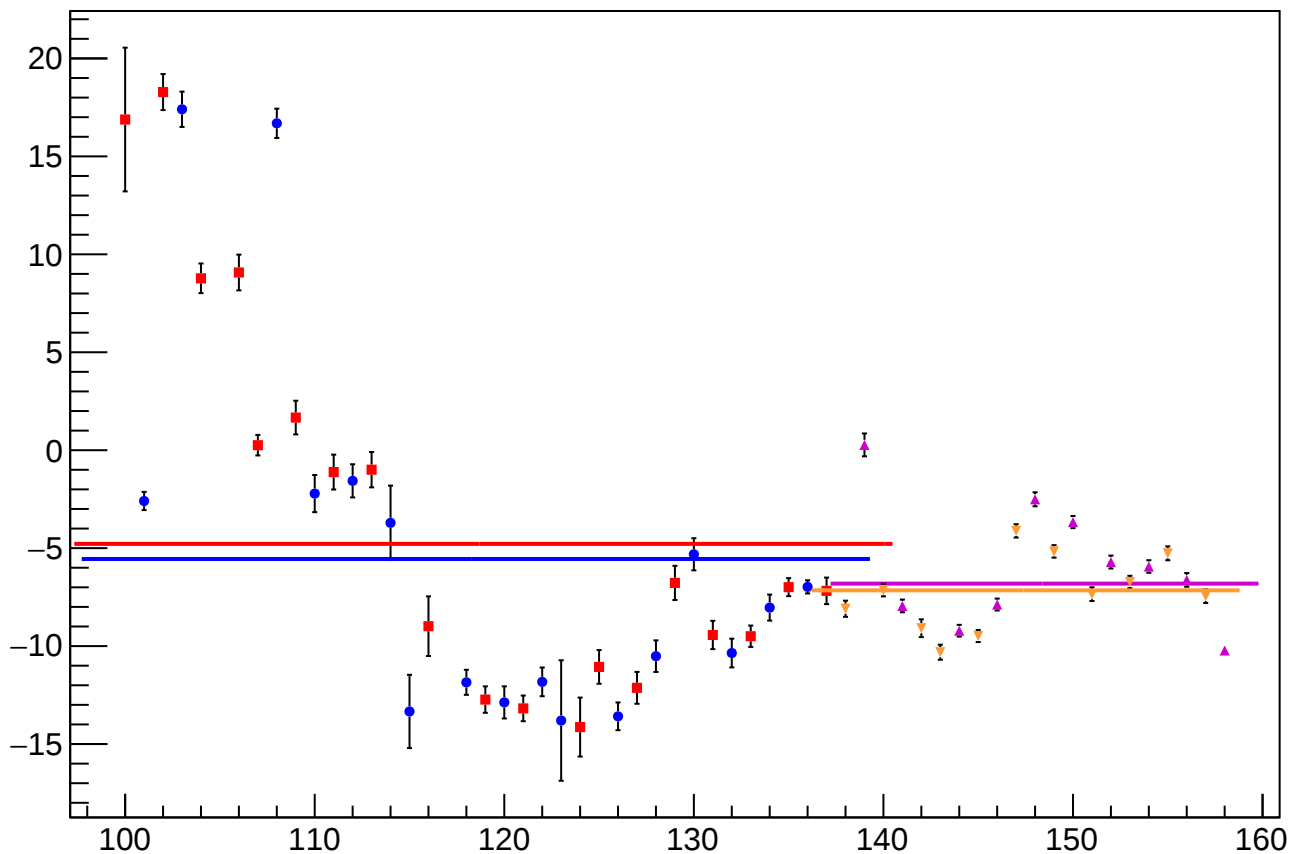
Left In: -10.003 ± 0.119 χ^2/NDF : 1036.6/9

+ sign -7.121 ± 0.112 χ^2/NDF : 3384.4/27

All: -7.206 ± 0.078 χ^2/NDF : 7910.6/56

- sign -7.287 ± 0.109 χ^2/NDF : 4525.0/28

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Left Out: -7.154 ± 0.105 χ^2/NDF : 296.6/10

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

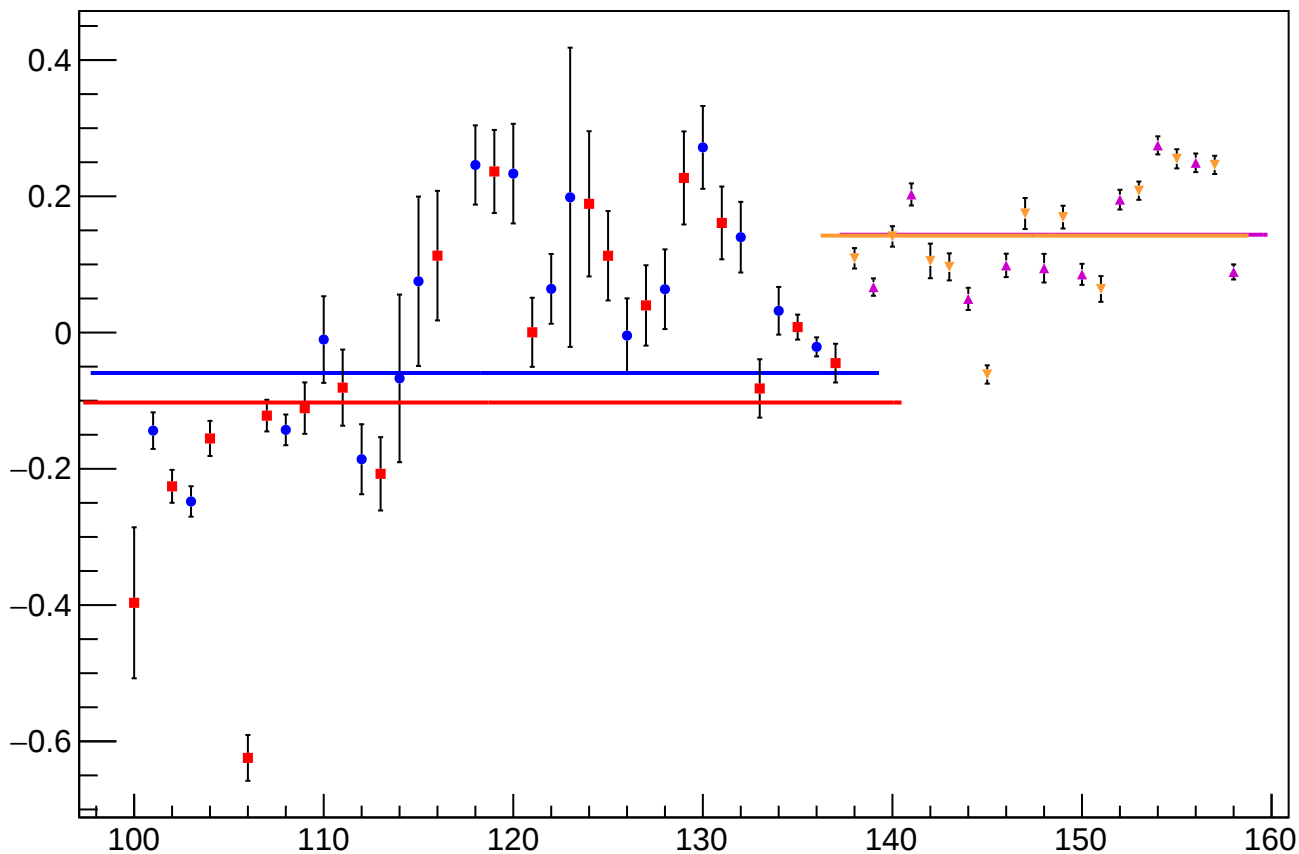
Left In: -6.811 ± 0.102 χ^2/NDF : 700.8/9

+ sign -6.710 ± 0.090 χ^2/NDF : 2486.0/27

All: -6.495 ± 0.063 χ^2/NDF : 5340.9/56

- sign -6.288 ± 0.088 χ^2/NDF : 2843.5/28

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Left Out: 0.142 ± 0.005 χ^2/NDF : 412.7/10

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

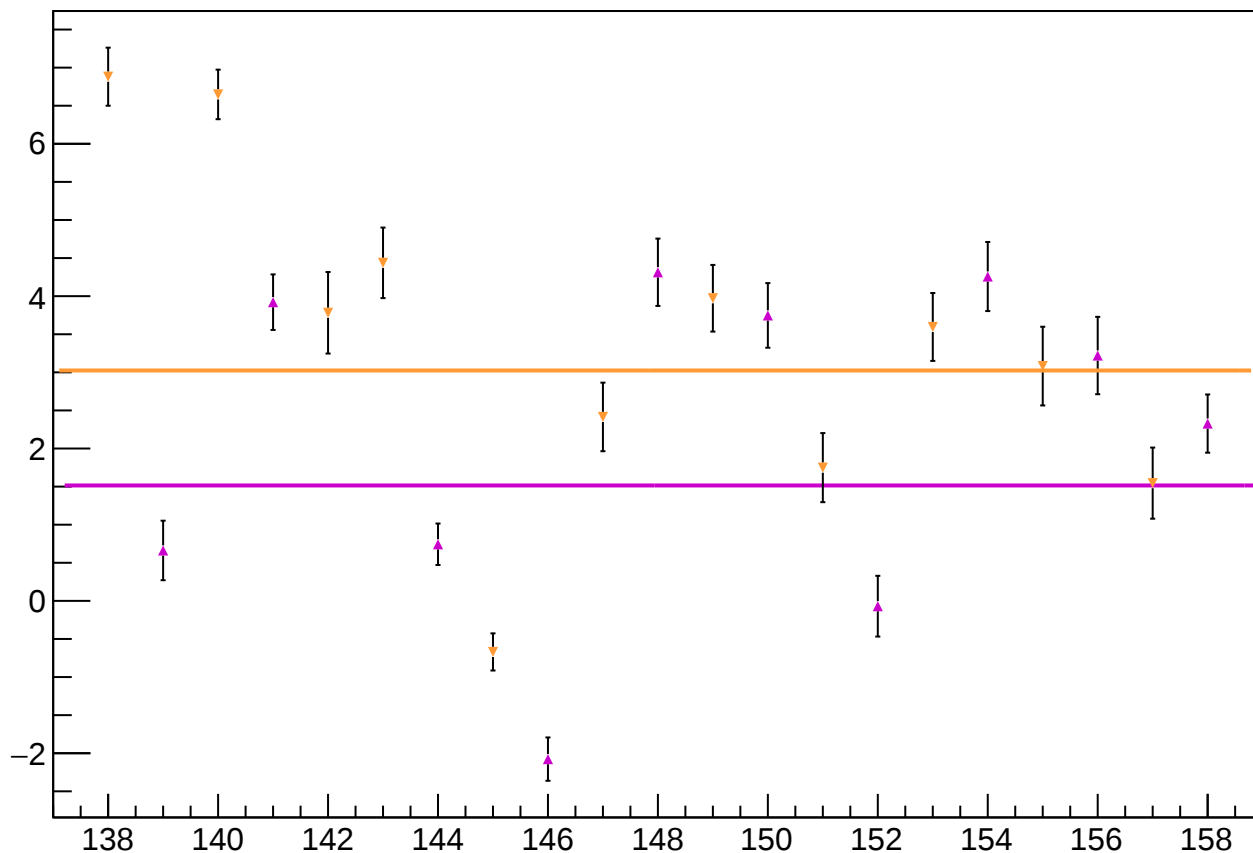
Left In: 0.144 ± 0.005 χ^2/NDF : 303.7/9

+ sign 0.092 ± 0.004 χ^2/NDF : 1064.7/27

All: 0.090 ± 0.003 χ^2/NDF : 2464.2/56

- sign 0.087 ± 0.004 χ^2/NDF : 1398.8/28

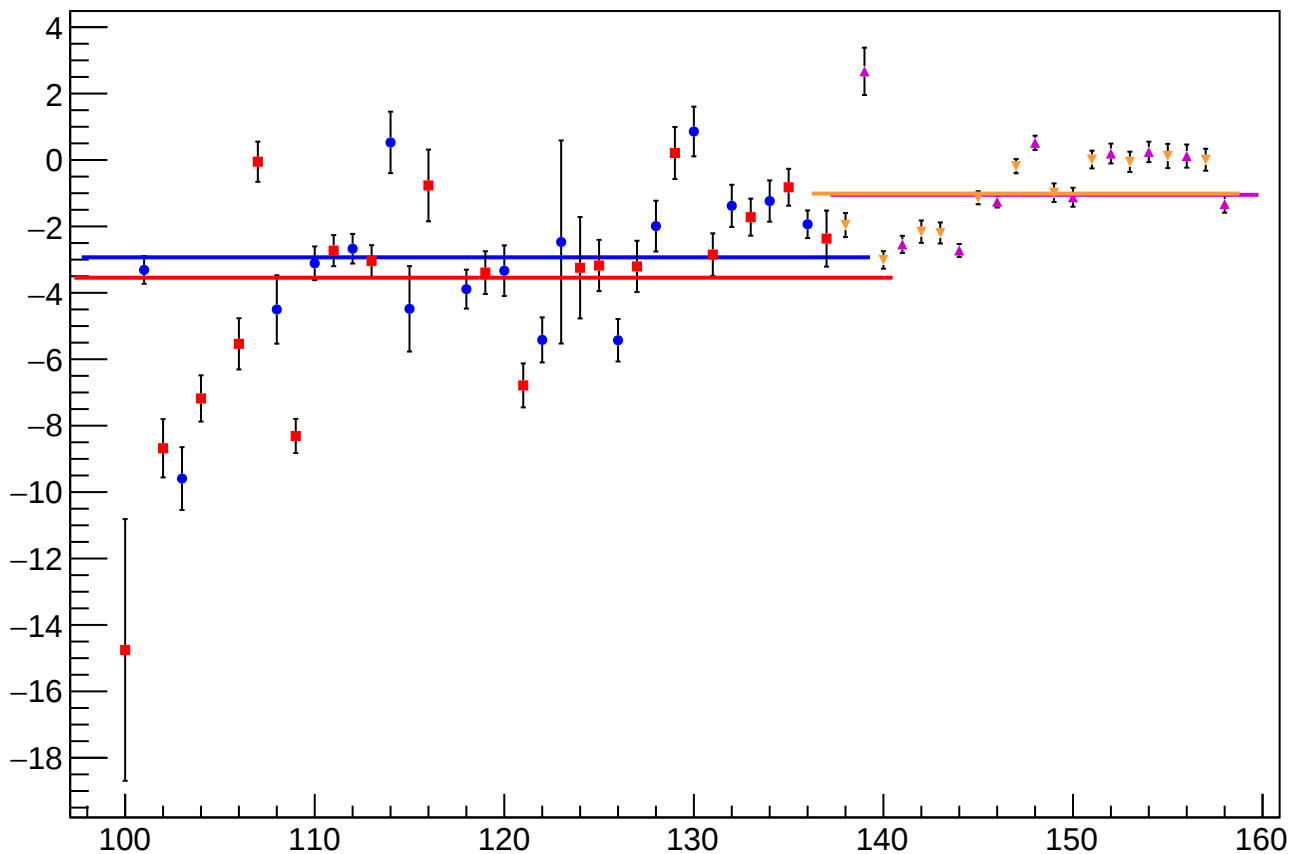
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.024 $\pm$ 0.120 χ^2 /NDF:493.5/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.515 $\pm$ 0.117 χ^2 /NDF:351.8/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.255 $\pm$ 0.084 χ^2 /NDF: 926.3/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.012 ± 0.084 χ^2/NDF : 148.8/10

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

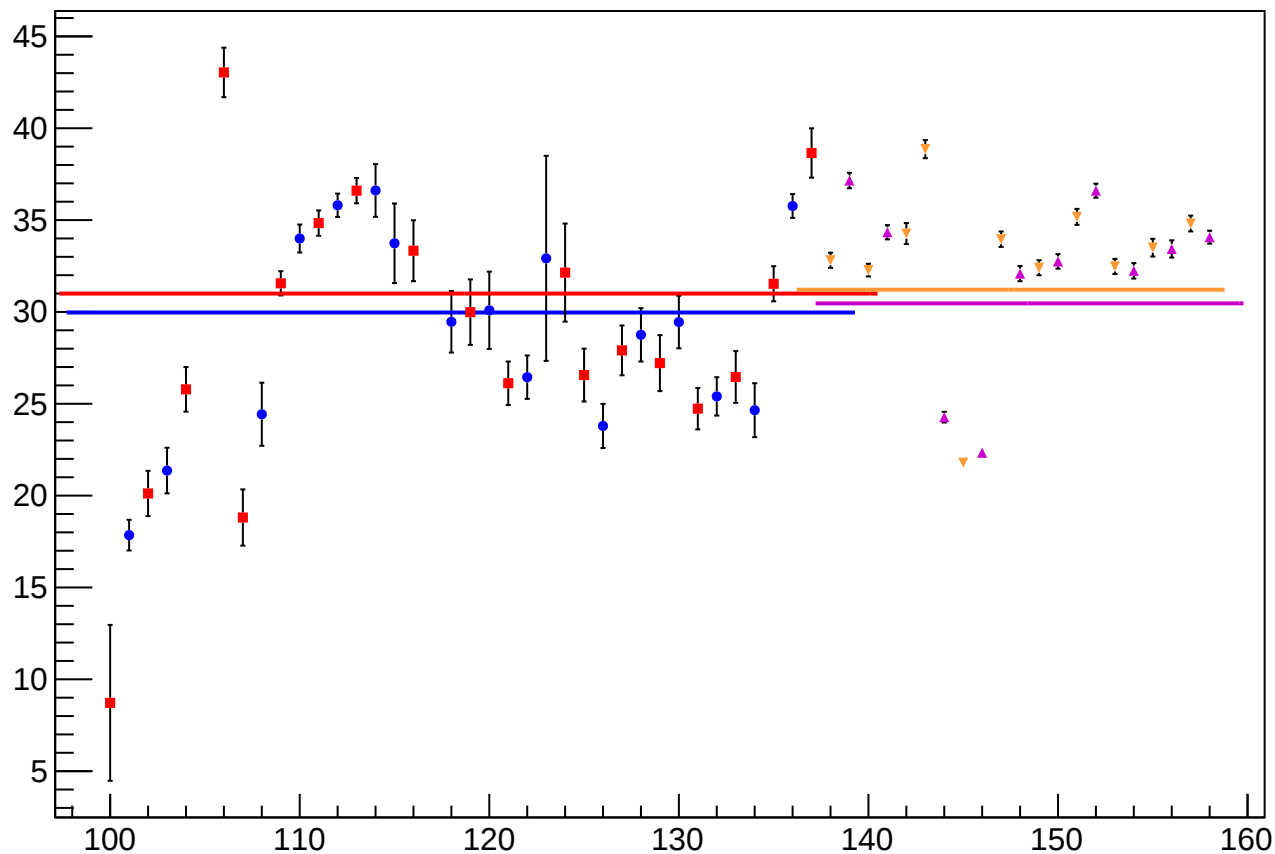
Left In: -1.049 ± 0.080 χ^2/NDF : 236.3/9

+ sign -1.449 ± 0.074 χ^2/NDF : 415.2/27

All: -1.517 ± 0.051 χ^2/NDF : 1149.8/56

- sign -1.580 ± 0.071 χ^2/NDF : 732.9/28

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 31.208 $\pm$ 0.121 χ^2 /NDF:1844.5/10

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

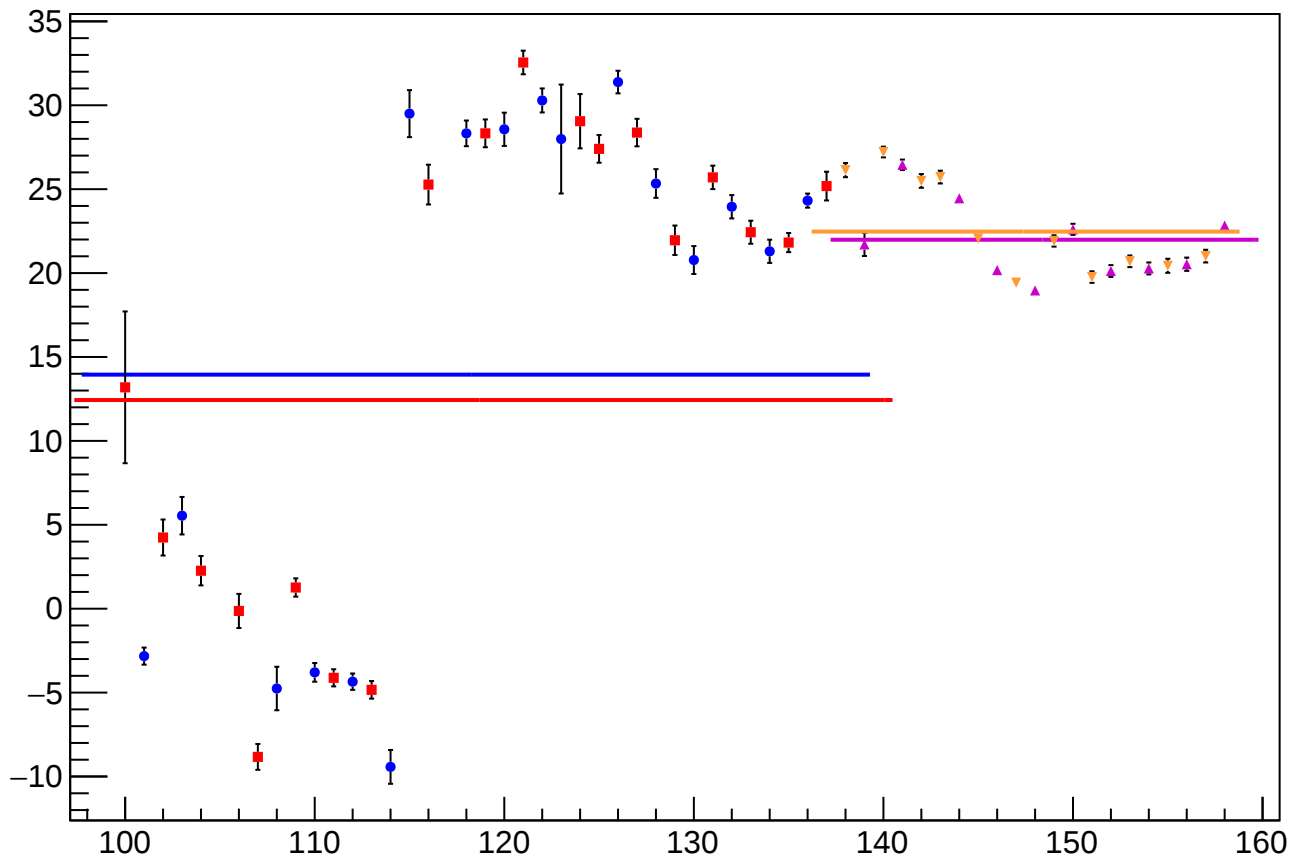
Left In: 30.465 $\pm$ 0.116 χ^2 /NDF:2157.2/9

+ sign 30.997 $\pm$ 0.110 χ^2 /NDF: 2416.8/27

All: 30.767 $\pm$ 0.076 χ^2 /NDF: 5065.5/56

- sign 30.553 $\pm$ 0.106 χ^2 /NDF: 2640.2/28

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: 22.473 $\pm$ 0.101 χ^2 /NDF:662.0/10

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

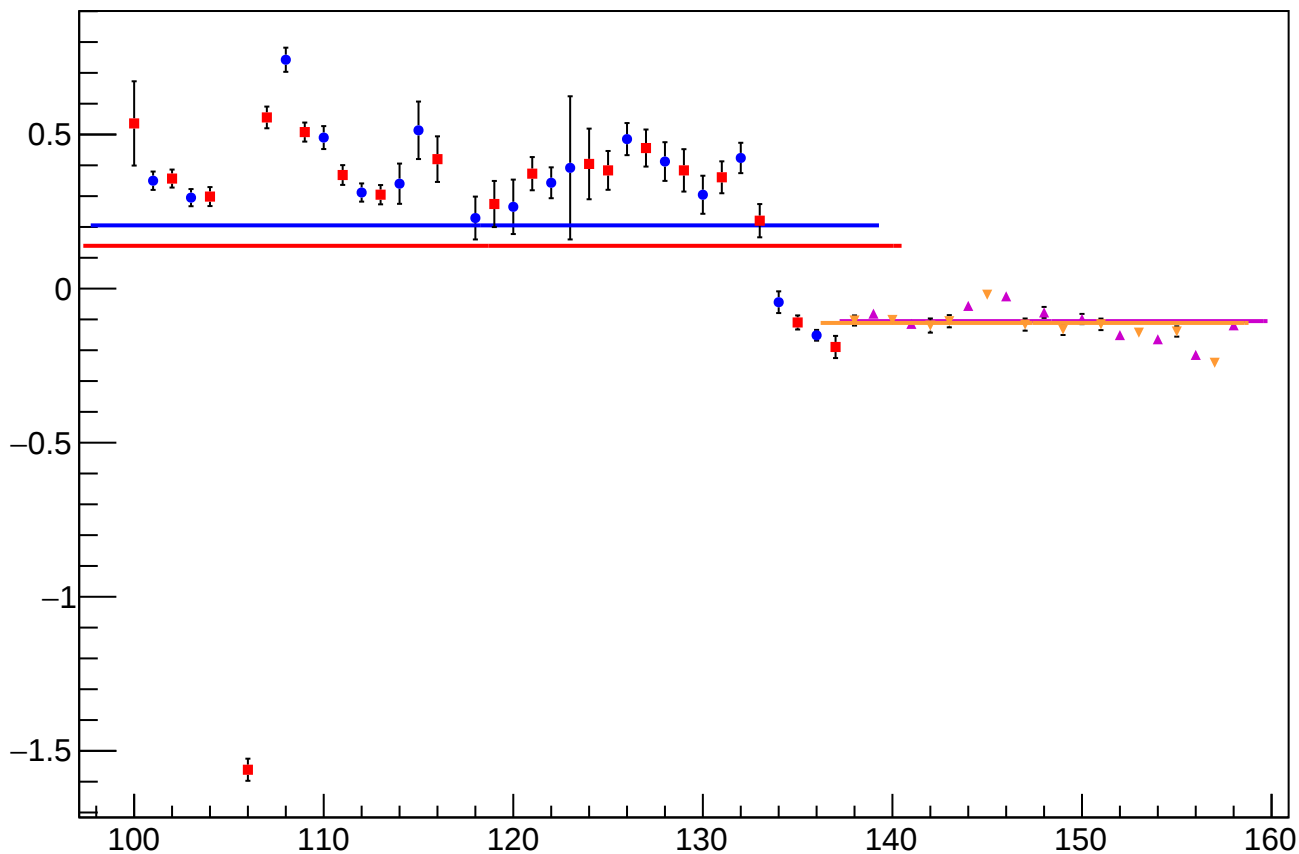
Left In: 21.987 $\pm$ 0.096 χ^2 /NDF:565.8/9

+ sign 20.275 $\pm$ 0.087 χ^2 /NDF: 9878.1/27

All: 19.995 $\pm$ 0.061 χ^2 /NDF: 19738.1/56

- sign 19.734 $\pm$ 0.084 χ^2 /NDF: 9840.1/28

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 846.2/16

Left Out: -0.111 ± 0.005 χ^2/NDF : 170.4/10

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.8/18

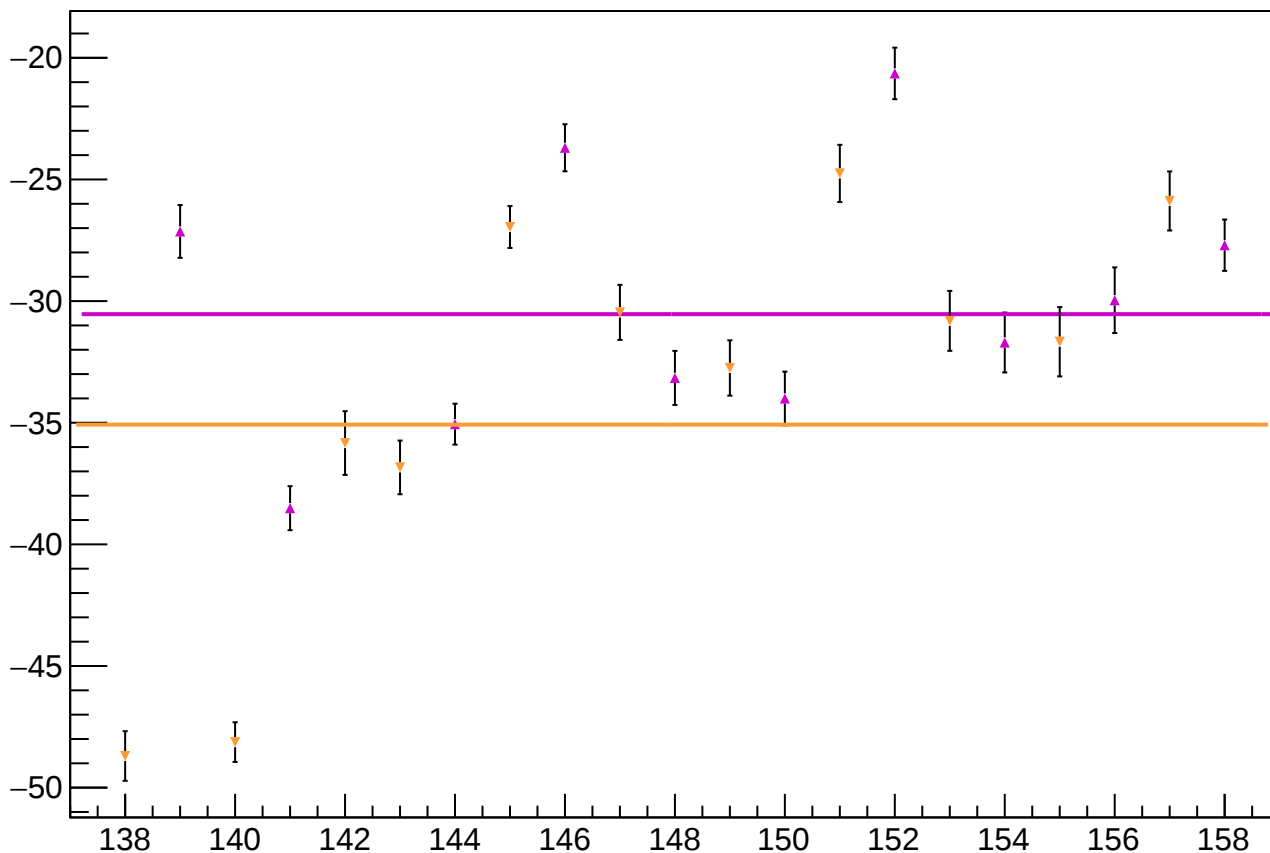
Left In: -0.106 ± 0.005 χ^2/NDF : 137.1/9

+ sign -0.046 ± 0.004 χ^2/NDF : 1923.4/27

All: -0.051 ± 0.003 χ^2/NDF : 5644.6/56

- sign -0.056 ± 0.004 χ^2/NDF : 3718.1/28

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: -35.079 ± 0.327 χ^2/NDF : 699.0/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

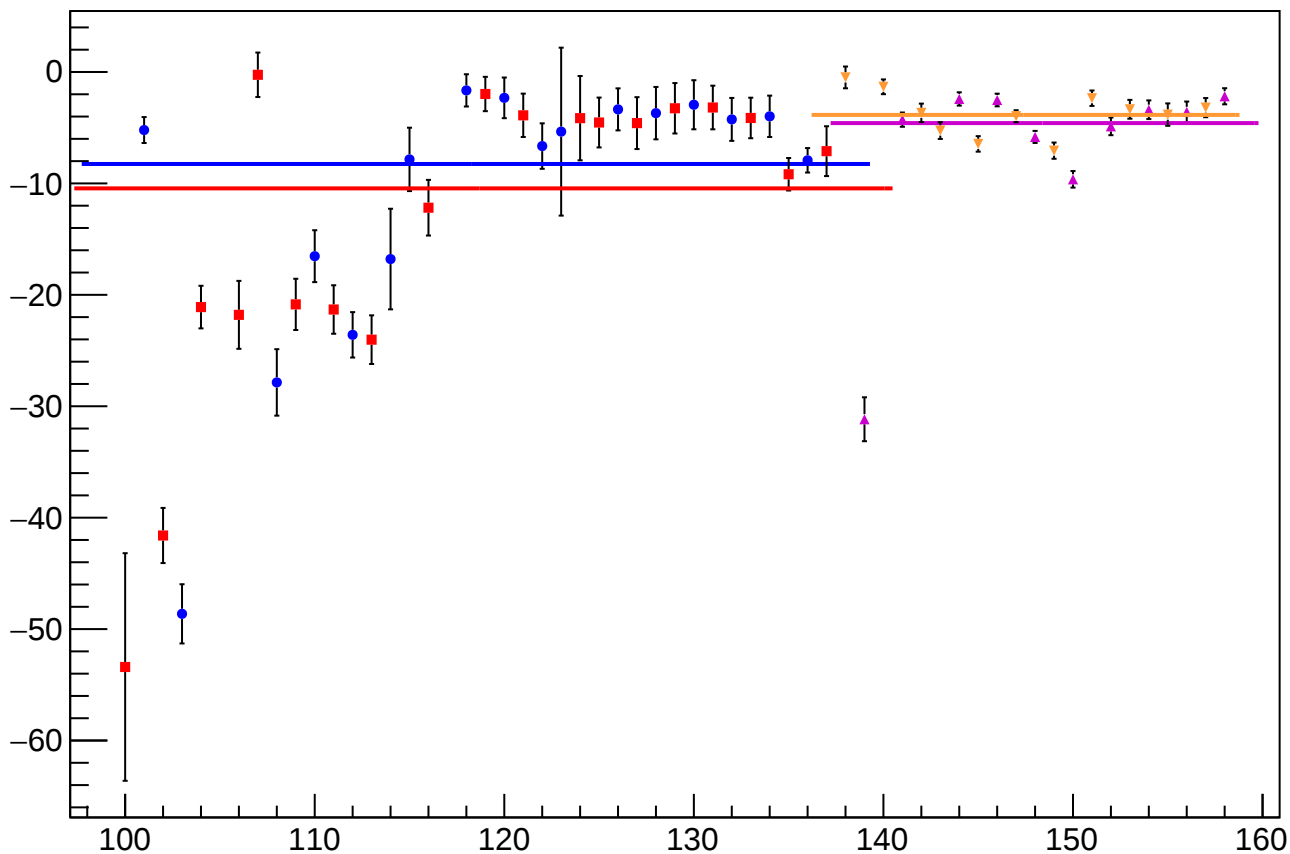
Left In: -30.537 ± 0.330 χ^2/NDF : 277.5/9

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.825 ± 0.232 χ^2/NDF : 1072.0/20

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -3.852 ± 0.225 χ^2/NDF : 69.1/10

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

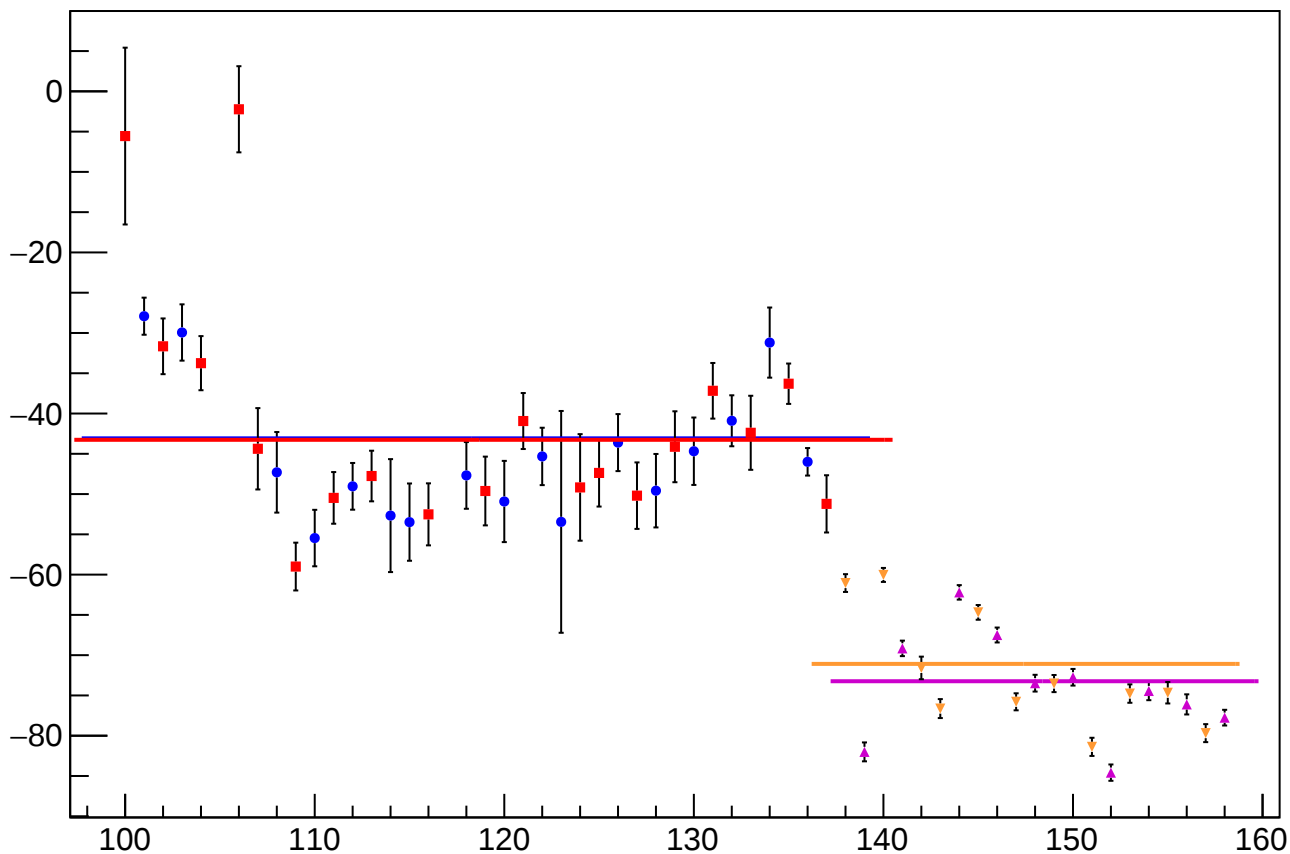
Left In: -4.586 ± 0.224 χ^2/NDF : 274.4/9

+ sign -4.694 ± 0.202 χ^2/NDF : 554.7/27

All: -5.140 ± 0.143 χ^2/NDF : 1385.3/56

- sign -5.595 ± 0.204 χ^2/NDF : 820.7/28

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$

Left Out: -71.083 ± 0.328 $\chi^2/\text{NDF}: 500.7/10$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

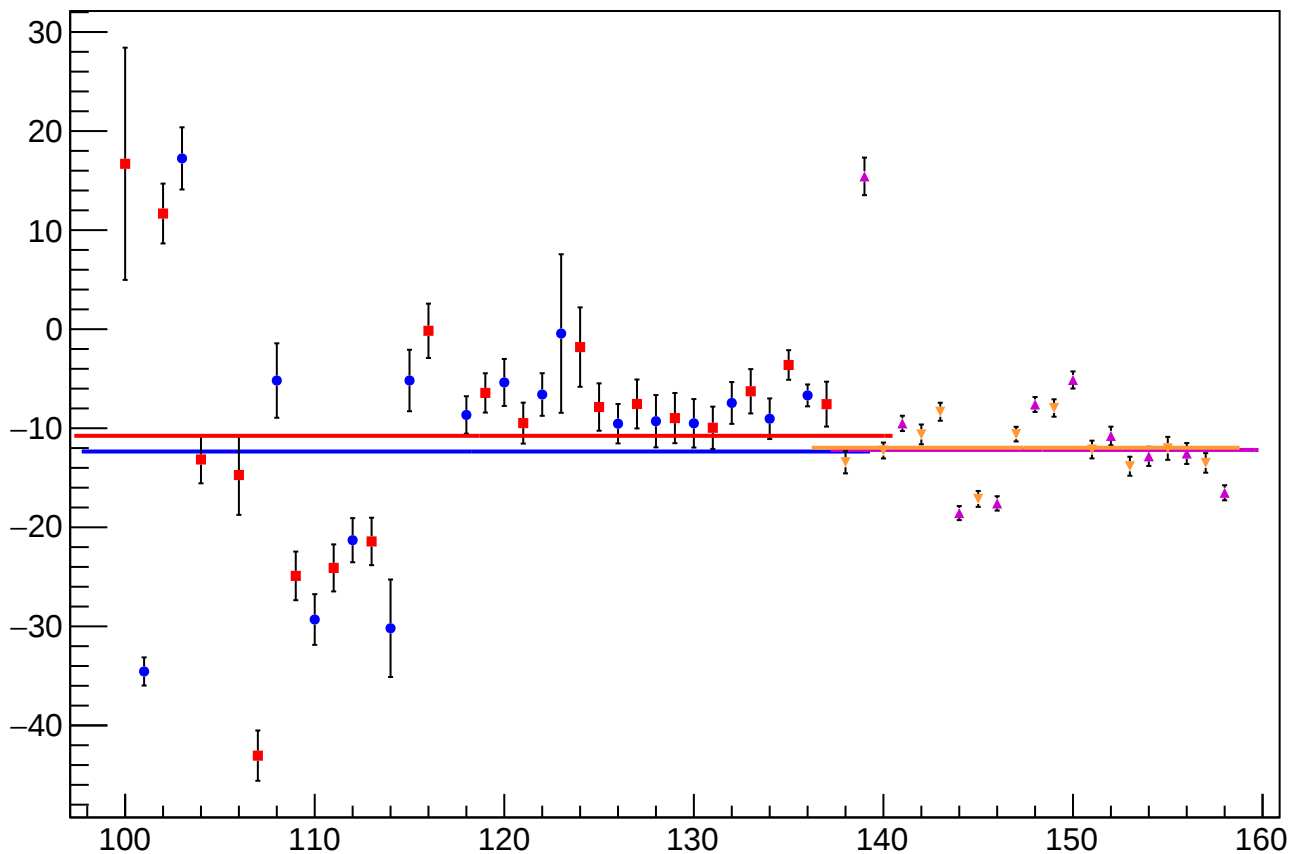
Left In: -73.236 ± 0.324 $\chi^2/\text{NDF}: 416.0/9$

+ sign -67.326 ± 0.306 $\chi^2/\text{NDF}: 1575.4/27$

All: -68.445 ± 0.215 $\chi^2/\text{NDF}: 3221.8/56$

- sign -69.550 ± 0.304 $\chi^2/\text{NDF}: 1619.8/28$

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: -11.969 ± 0.274 χ^2/NDF : 91.5/10

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

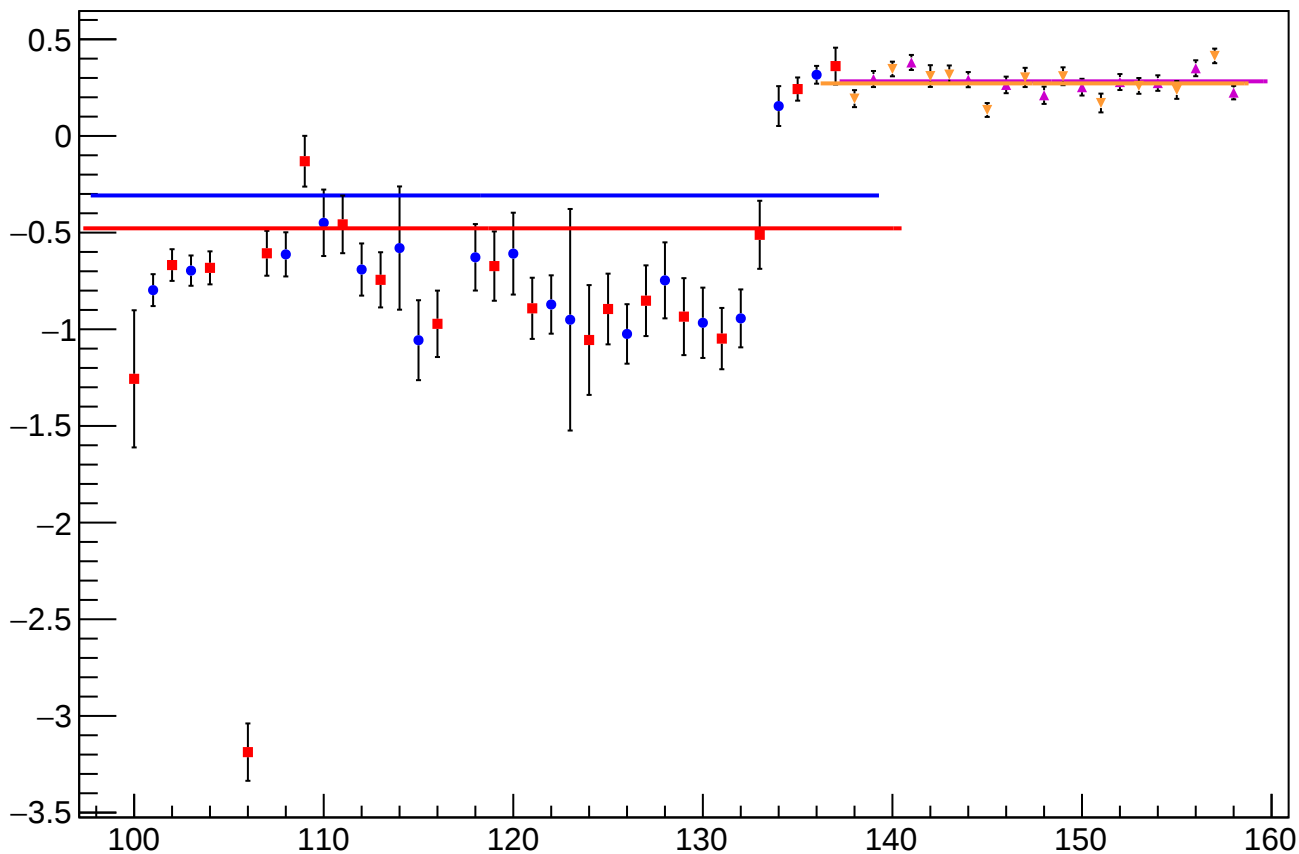
Left In: -12.190 ± 0.270 χ^2/NDF : 498.1/9

+ sign -12.051 ± 0.242 χ^2/NDF : 567.9/27

All: -11.984 ± 0.171 χ^2/NDF : 1438.2/56

- sign -11.916 ± 0.243 χ^2/NDF : 870.2/28

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: 0.272 ± 0.013 χ^2/NDF : 43.4/10

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

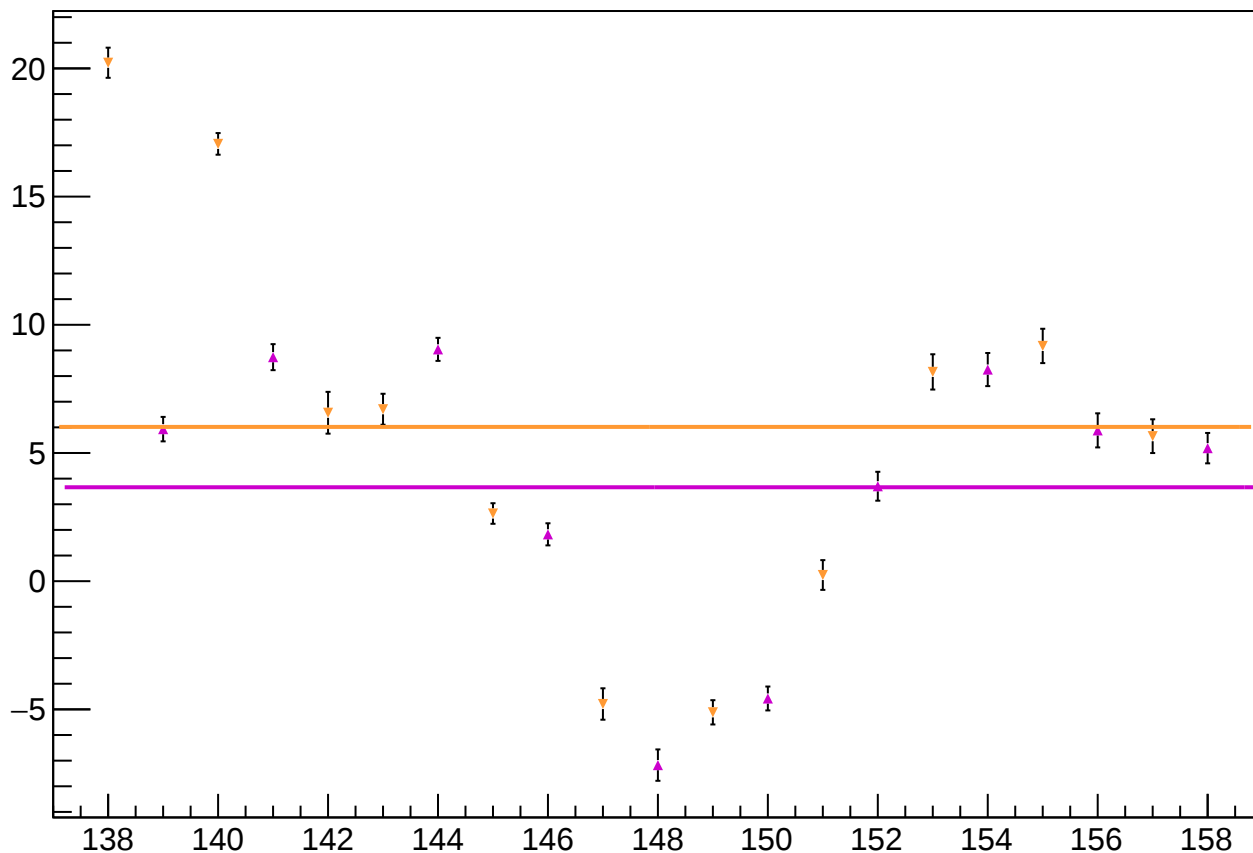
Left In: 0.282 ± 0.013 χ^2/NDF : 15.2/9

+ sign 0.165 ± 0.012 χ^2/NDF : 777.7/27

All: 0.160 ± 0.008 χ^2/NDF : 2015.3/56

- sign 0.155 ± 0.012 χ^2/NDF : 1237.3/28

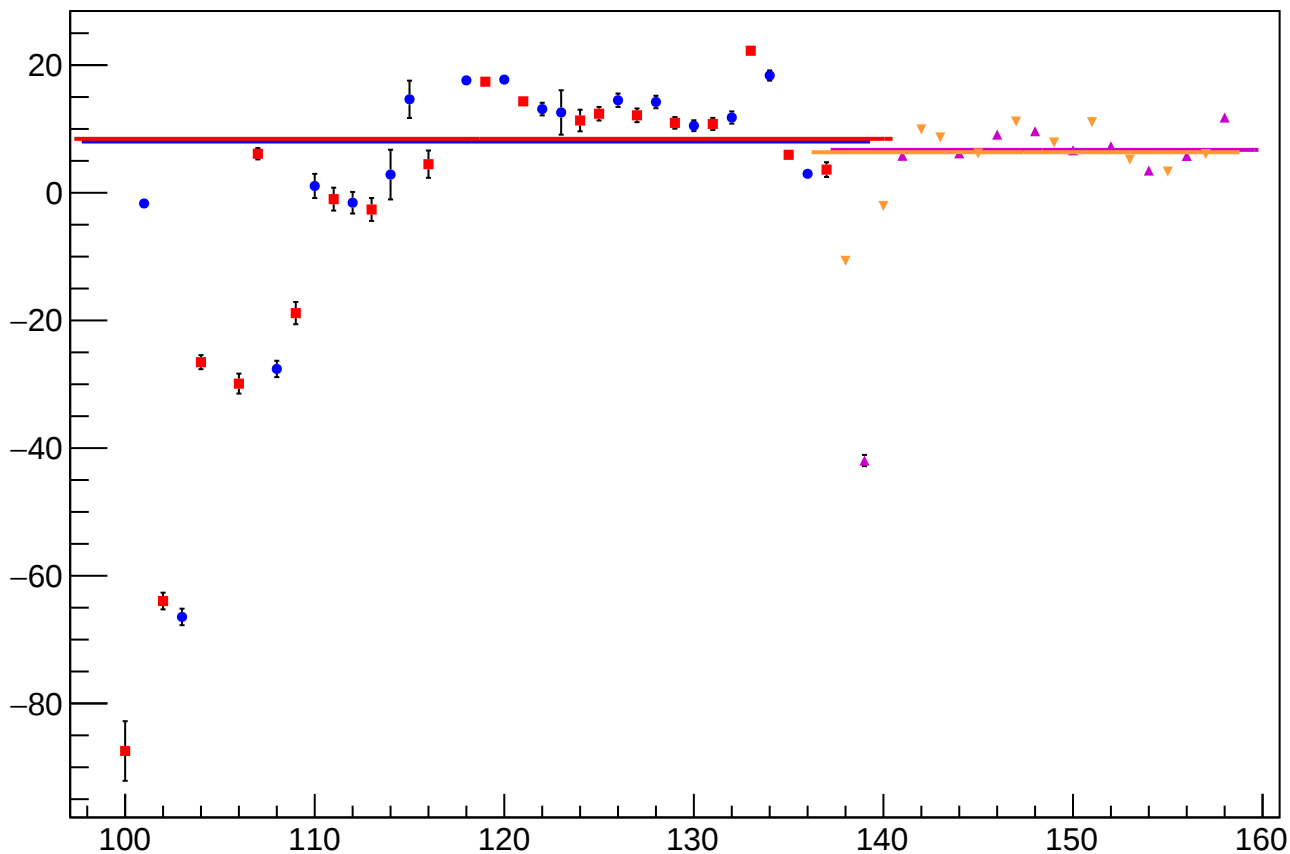
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.017 $\pm$ 0.167 χ^2 /NDF:2335.7/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.663 $\pm$ 0.165 χ^2 /NDF:978.3/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.827 $\pm$ 0.118 χ^2 /NDF: 3414.1/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 ± 0.215 $\chi^2/\text{NDF}: 5369.4/16$

Left Out: 6.350 ± 0.116 $\chi^2/\text{NDF}: 1997.2/10$

Right Out: 8.454 ± 0.213 $\chi^2/\text{NDF}: 6704.4/18$

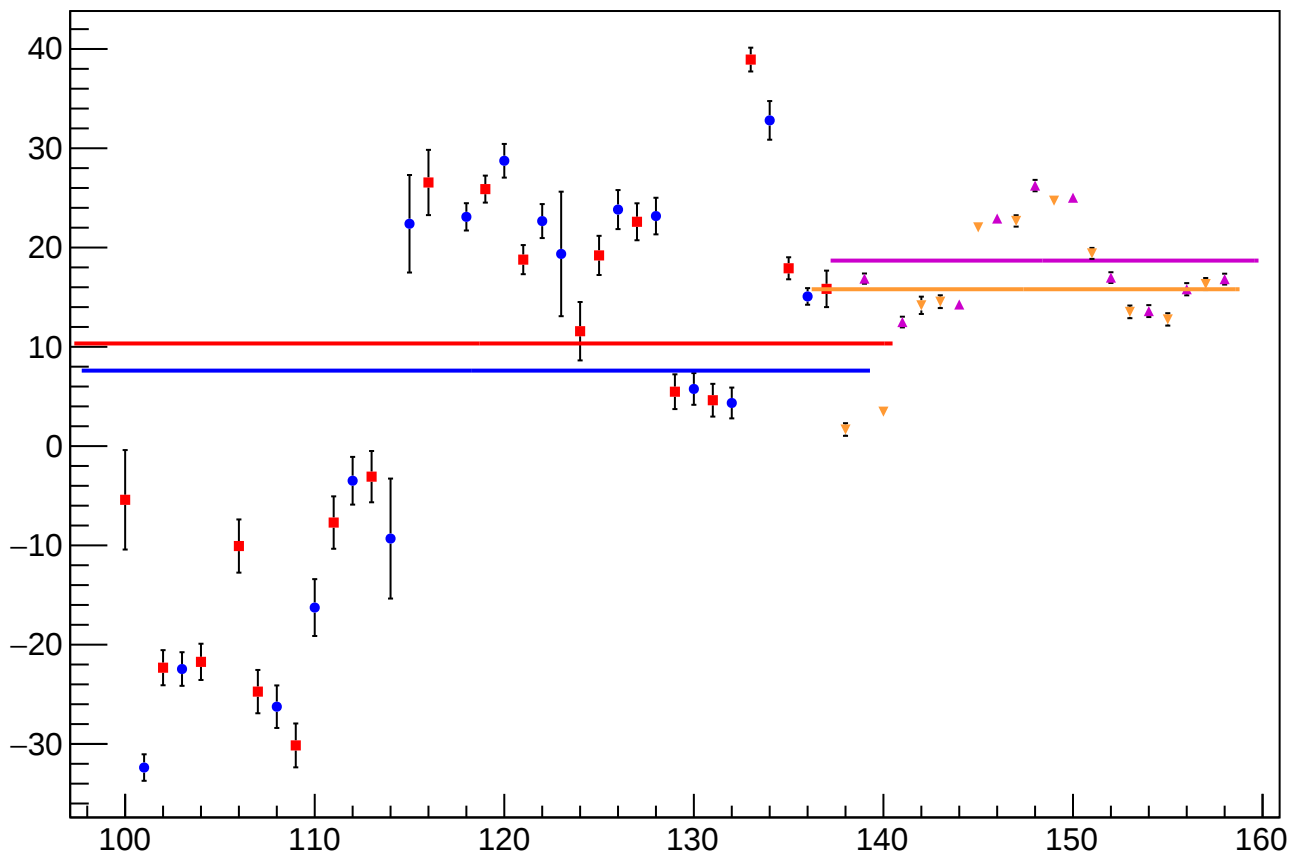
Left In: 6.724 ± 0.116 $\chi^2/\text{NDF}: 3453.9/9$

+ sign 6.731 ± 0.102 $\chi^2/\text{NDF}: 7414.1/27$

All: 6.926 ± 0.072 $\chi^2/\text{NDF}: 17630.4/56$

- sign 7.120 ± 0.102 $\chi^2/\text{NDF}: 10209.0/28$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 15.800 ± 0.167 χ^2/NDF : 2096.1/10

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

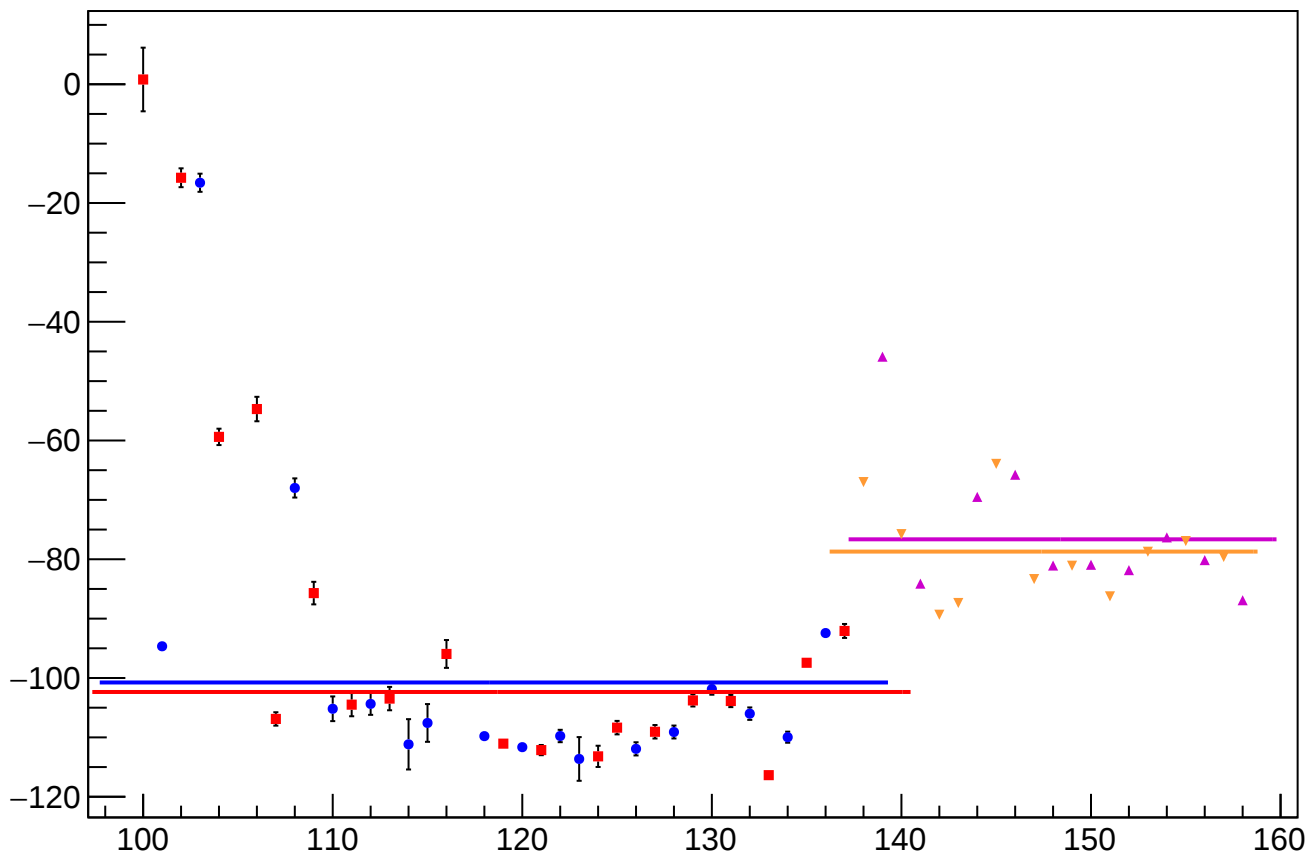
Left In: 18.686 ± 0.163 χ^2/NDF : 832.8/9

+ sign 14.661 ± 0.155 χ^2/NDF : 4755.6/27

All: 16.155 ± 0.108 χ^2/NDF : 8400.6/56

- sign 17.582 ± 0.151 χ^2/NDF : 3463.3/28

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -78.709 ± 0.141 χ^2/NDF : 2935.1/10

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

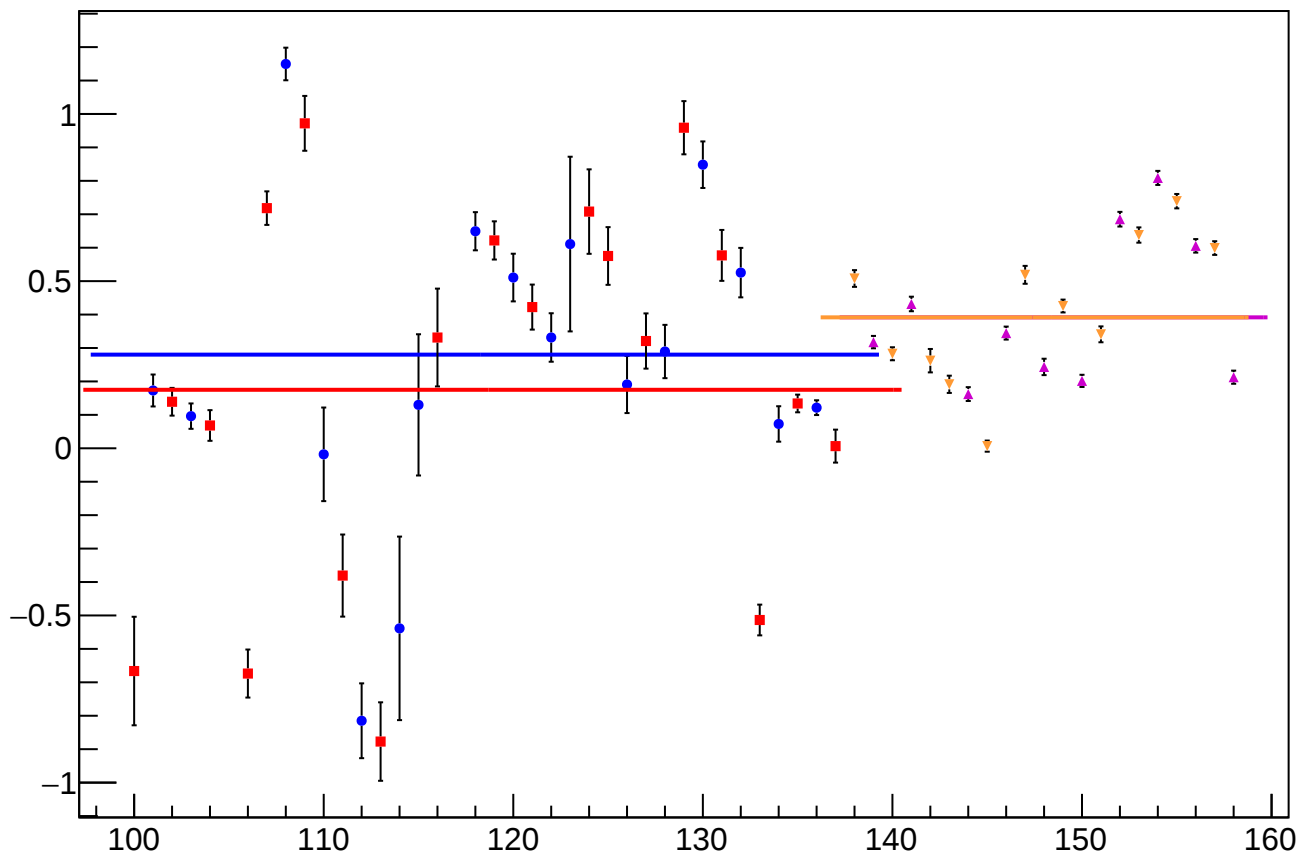
Left In: -76.643 ± 0.139 χ^2/NDF : 3936.2/9

+ sign -84.089 ± 0.123 χ^2/NDF : 13430.0/27

All: -83.447 ± 0.086 χ^2/NDF : 31781.1/56

- sign -82.824 ± 0.121 χ^2/NDF : 18297.1/28

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 ± 0.013 χ^2/NDF : 656.0/16

Left Out: 0.392 ± 0.007 χ^2/NDF : 1170.5/10

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

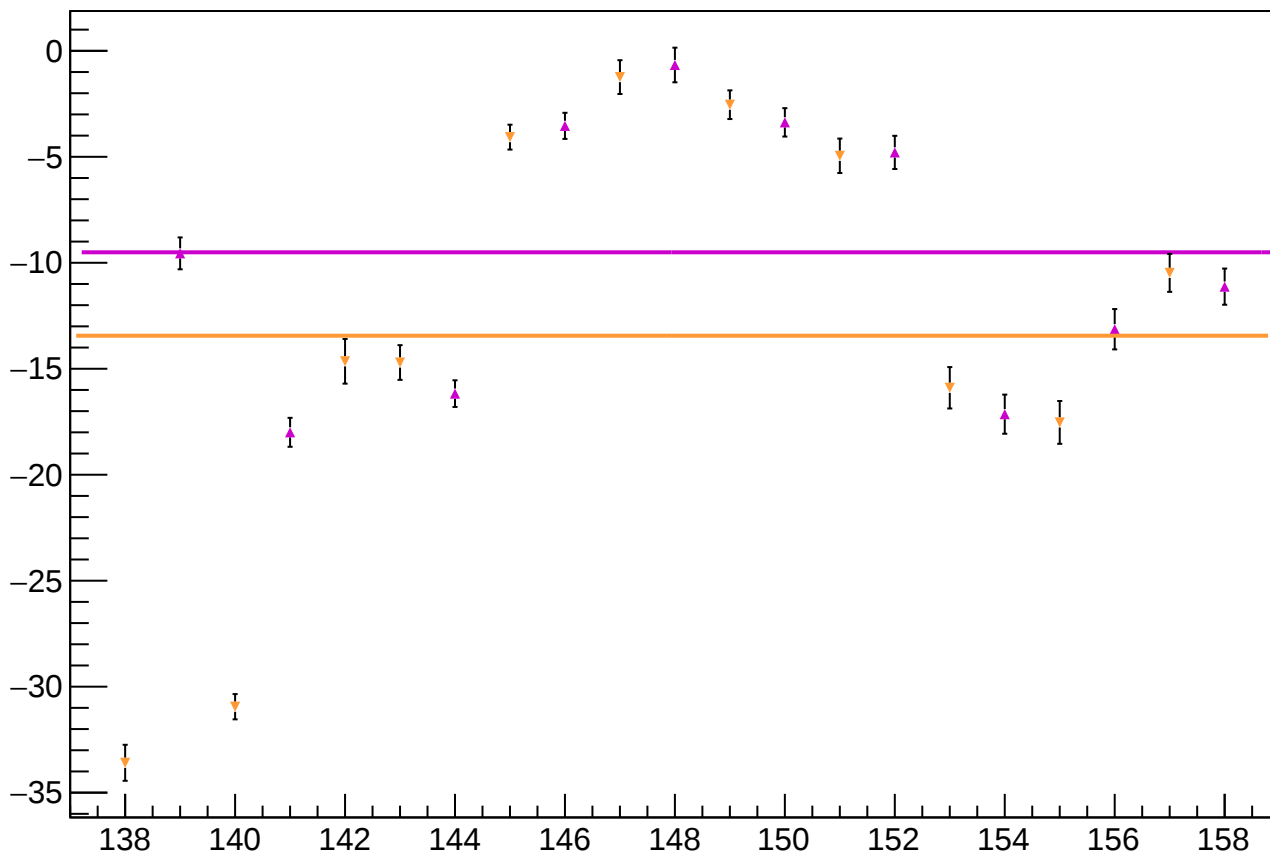
Left In: 0.392 ± 0.006 χ^2/NDF : 1059.7/9

+ sign 0.370 ± 0.006 χ^2/NDF : 1881.5/27

All: 0.360 ± 0.004 χ^2/NDF : 4124.0/56

- sign 0.351 ± 0.006 χ^2/NDF : 2237.6/28

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.440+/-0.235 χ^2/NDF : 2320.6/10

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

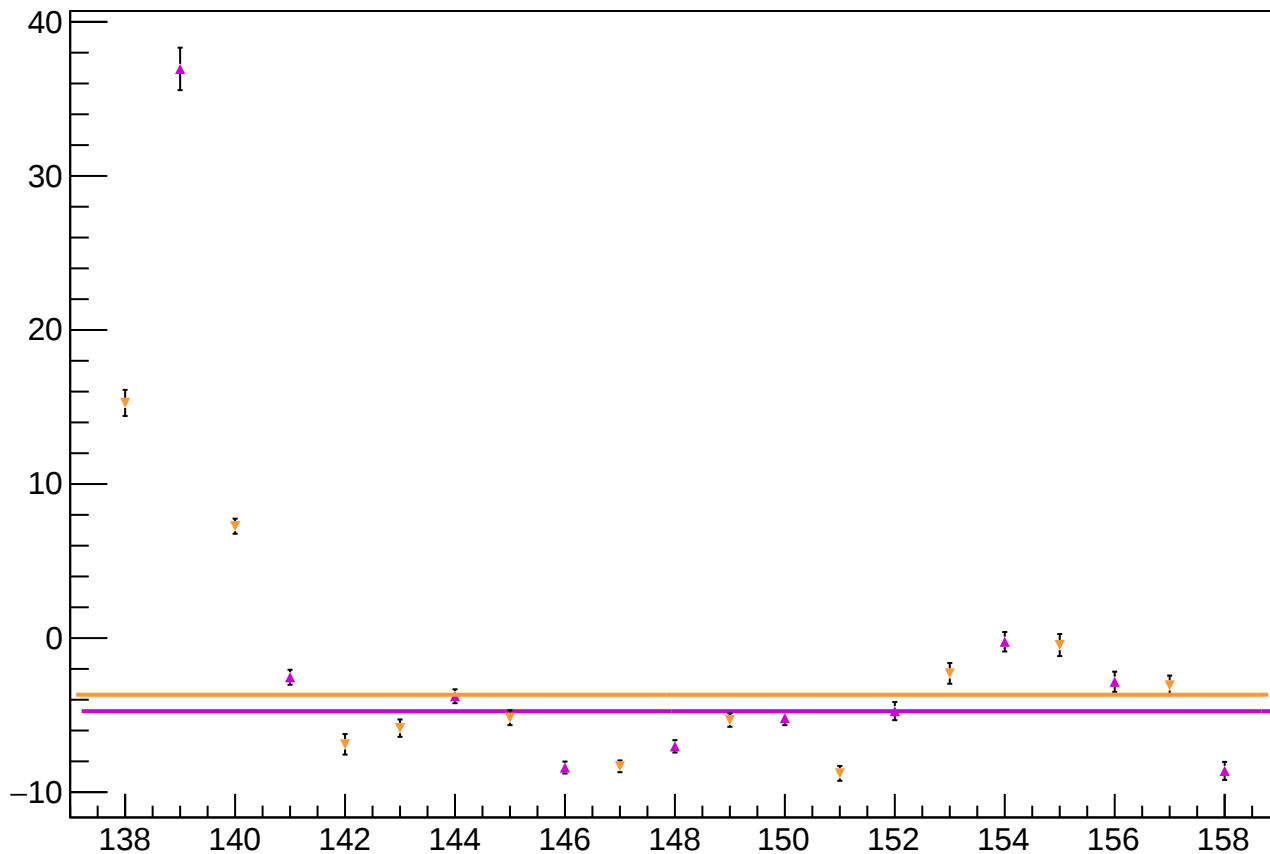
Left In: -9.505+/-0.235 χ^2/NDF : 684.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.470+/-0.166 χ^2/NDF : 3145.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -3.675 ± 0.161 χ^2/NDF : 1349.2/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

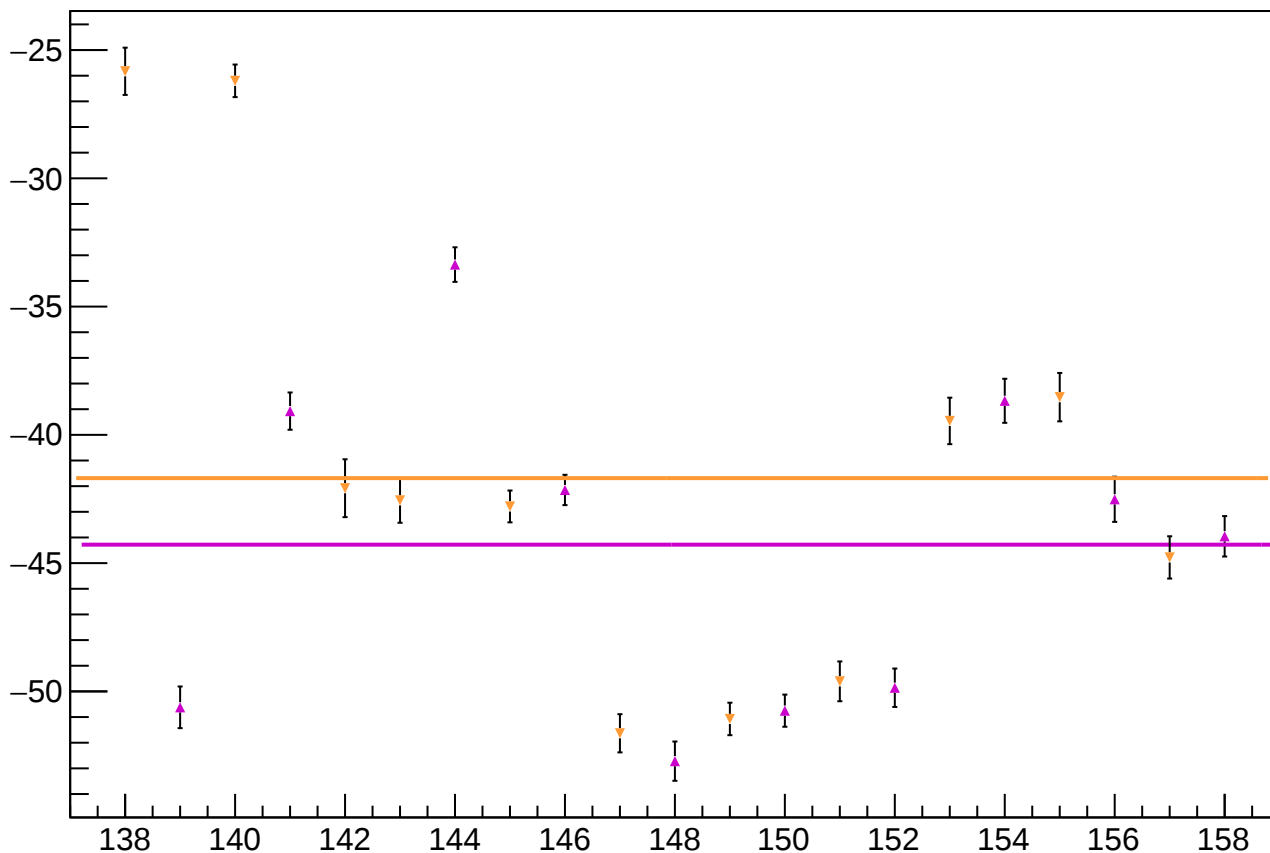
Left In: -4.744 ± 0.162 χ^2/NDF : 1164.0/9

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.207 ± 0.114 χ^2/NDF : 2534.9/20

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -41.687 ± 0.235 χ^2/NDF : 1429.7/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

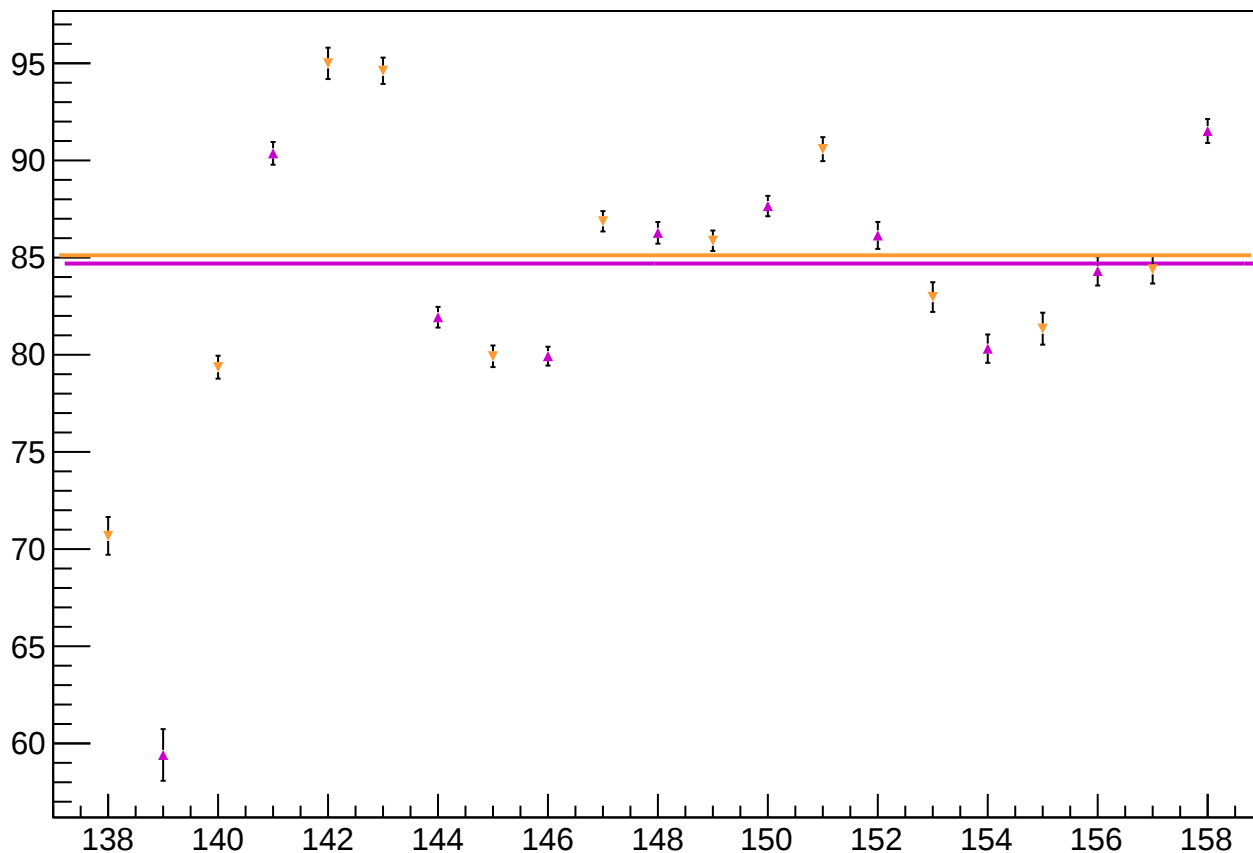
Left In: -44.281 ± 0.231 χ^2/NDF : 718.2/9

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.006 ± 0.165 χ^2/NDF : 2210.0/20

- 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: 85.120+/-0.197 χ^2/NDF : 872.4/10

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

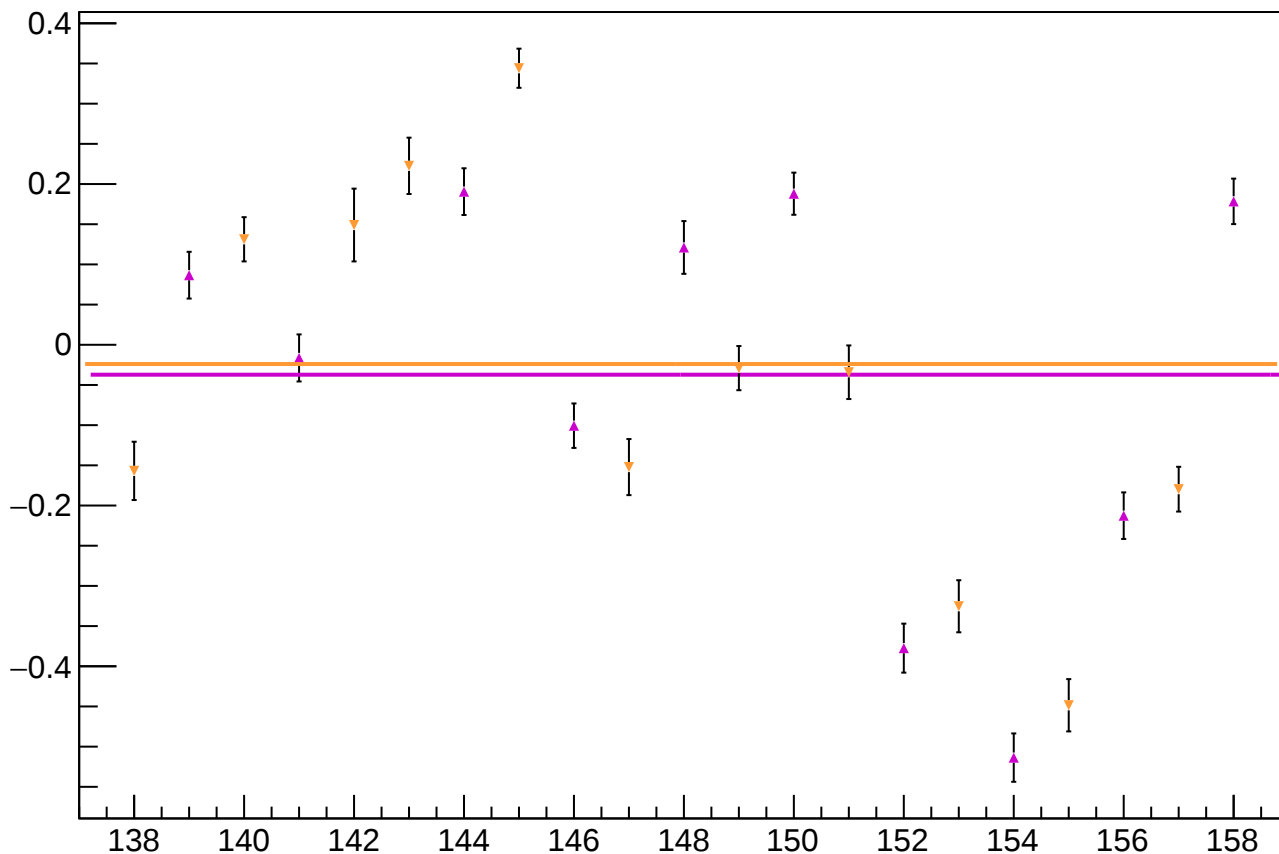
Left In: 84.694+/-0.194 χ^2/NDF : 781.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.905+/-0.138 χ^2/NDF : 1656.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.024 $\pm$ 0.009 χ^2 /NDF: 639.7/10

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

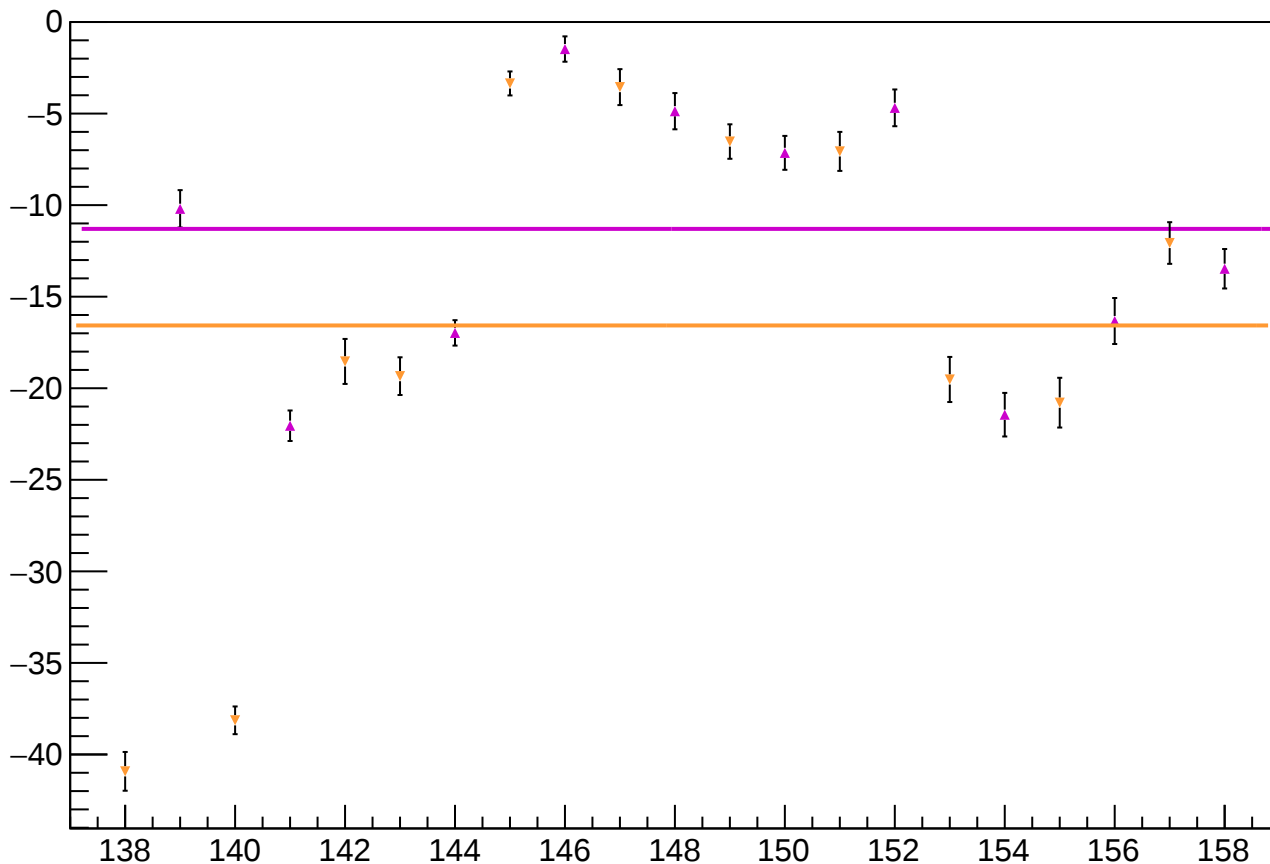
Left In: -0.037 $\pm$ 0.009 χ^2 /NDF: 652.4/9

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

All: -0.031 $\pm$ 0.007 χ^2 /NDF: 1293.1/20

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

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.571 $\pm$ 0.294 χ^2 /NDF:2158.2/10

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

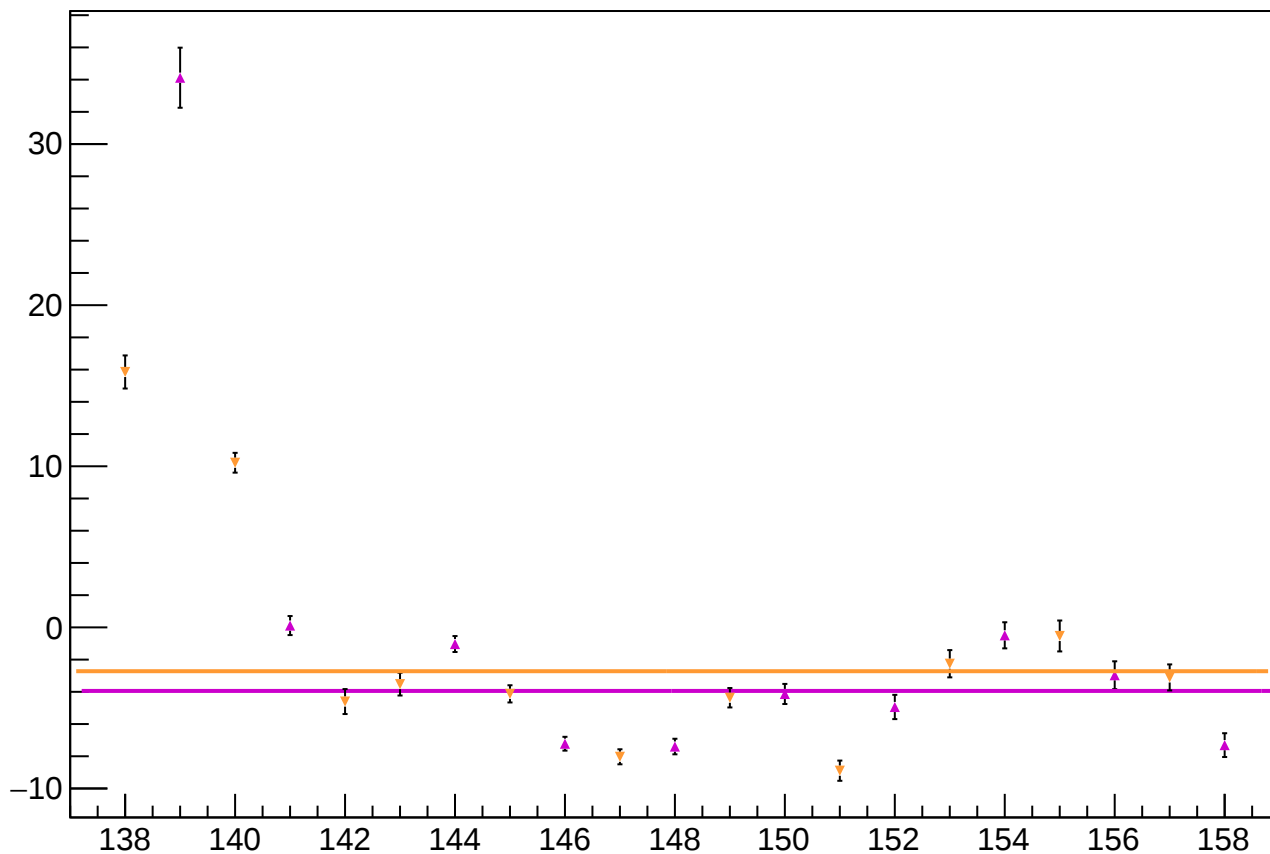
Left In: -11.298 $\pm$ 0.289 χ^2 /NDF:634.5/9

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

All: -13.895 $\pm$ 0.206 χ^2 /NDF: 2956.3/20

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

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -2.720+/-0.201 χ^2/NDF : 1024.3/10

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

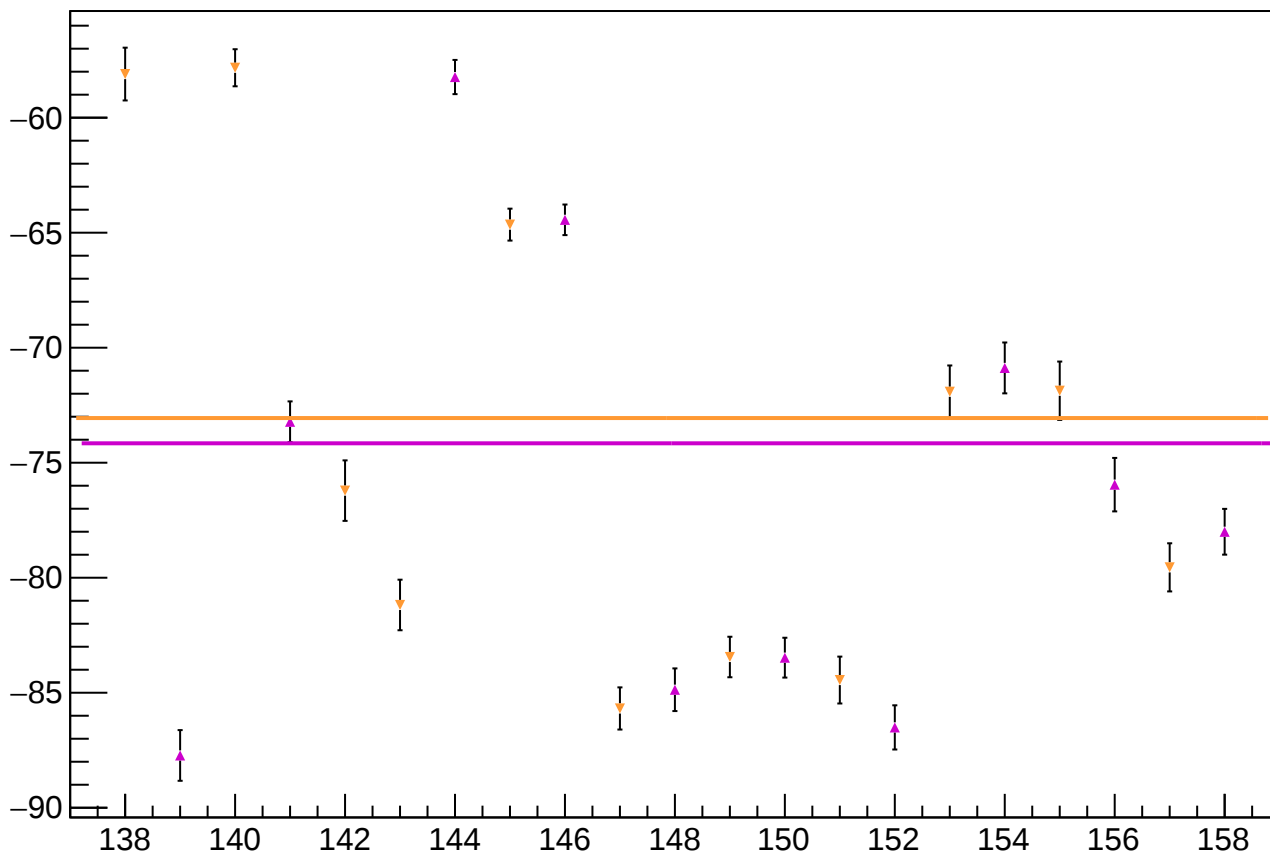
Left In: -3.945+/-0.196 χ^2/NDF : 649.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.348+/-0.140 χ^2/NDF : 1693.1/20

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -73.058 $\pm$ 0.295 χ^2 /NDF:1228.4/10

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

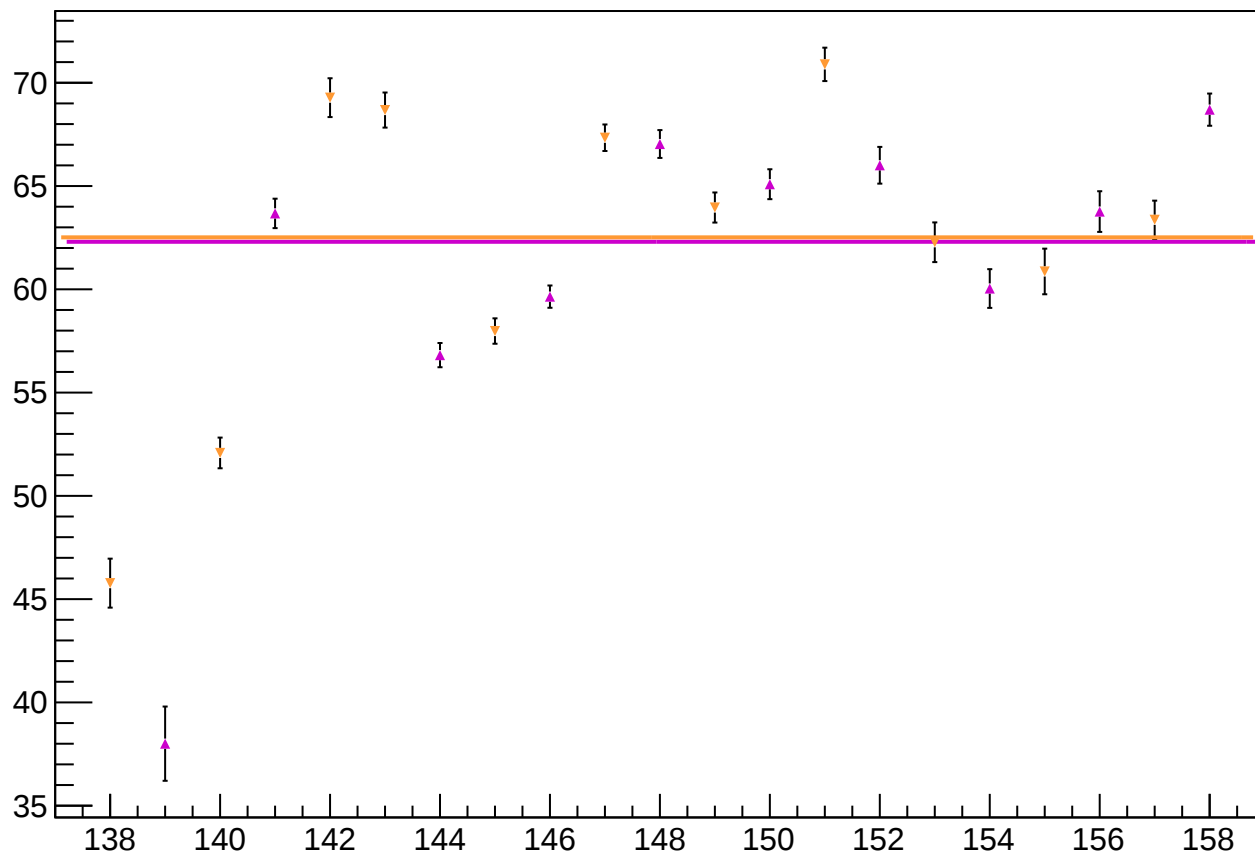
Left In: -74.156 $\pm$ 0.285 χ^2 /NDF:1265.6/9

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

All: -73.625 $\pm$ 0.205 χ^2 /NDF: 2501.1/20

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

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 62.516 $\pm$ 0.246 χ^2 /NDF:726.3/10

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

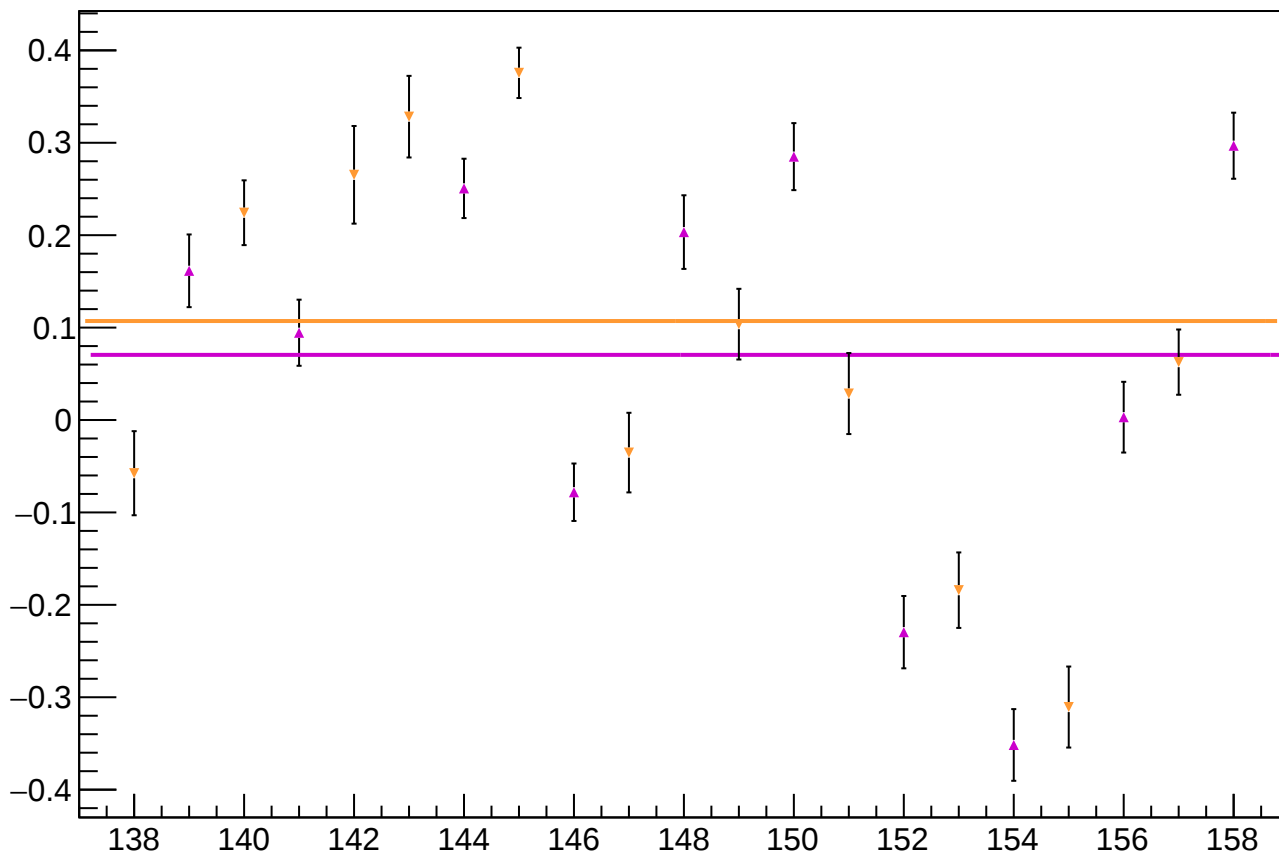
Left In: 62.301 $\pm$ 0.237 χ^2 /NDF:455.0/9

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

All: 62.405 $\pm$ 0.170 χ^2 /NDF: 1181.8/20

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

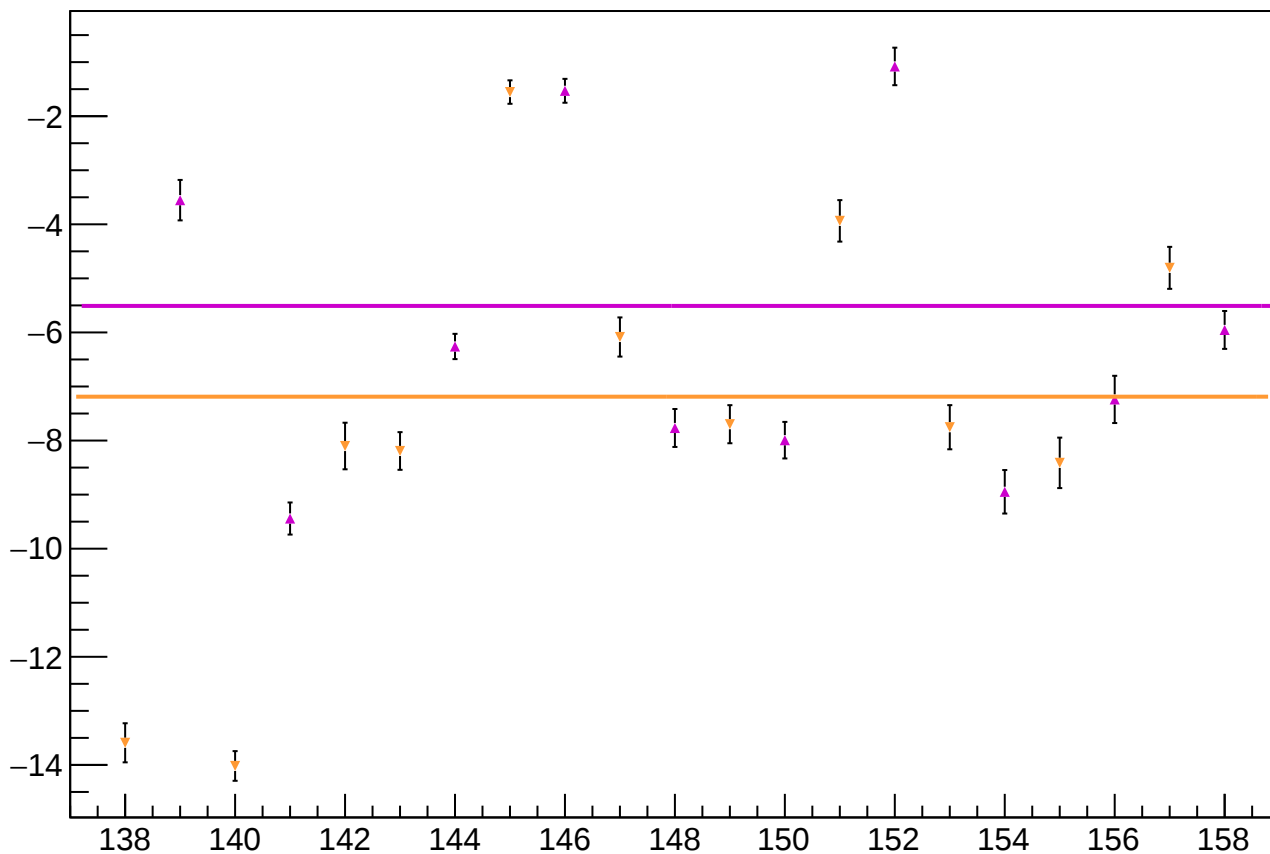
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.107 $\pm$ 0.012 χ^2 /NDF:312.8/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.070 $\pm$ 0.011 χ^2 /NDF:326.7/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.088 $\pm$ 0.008 χ^2 /NDF: 644.4/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

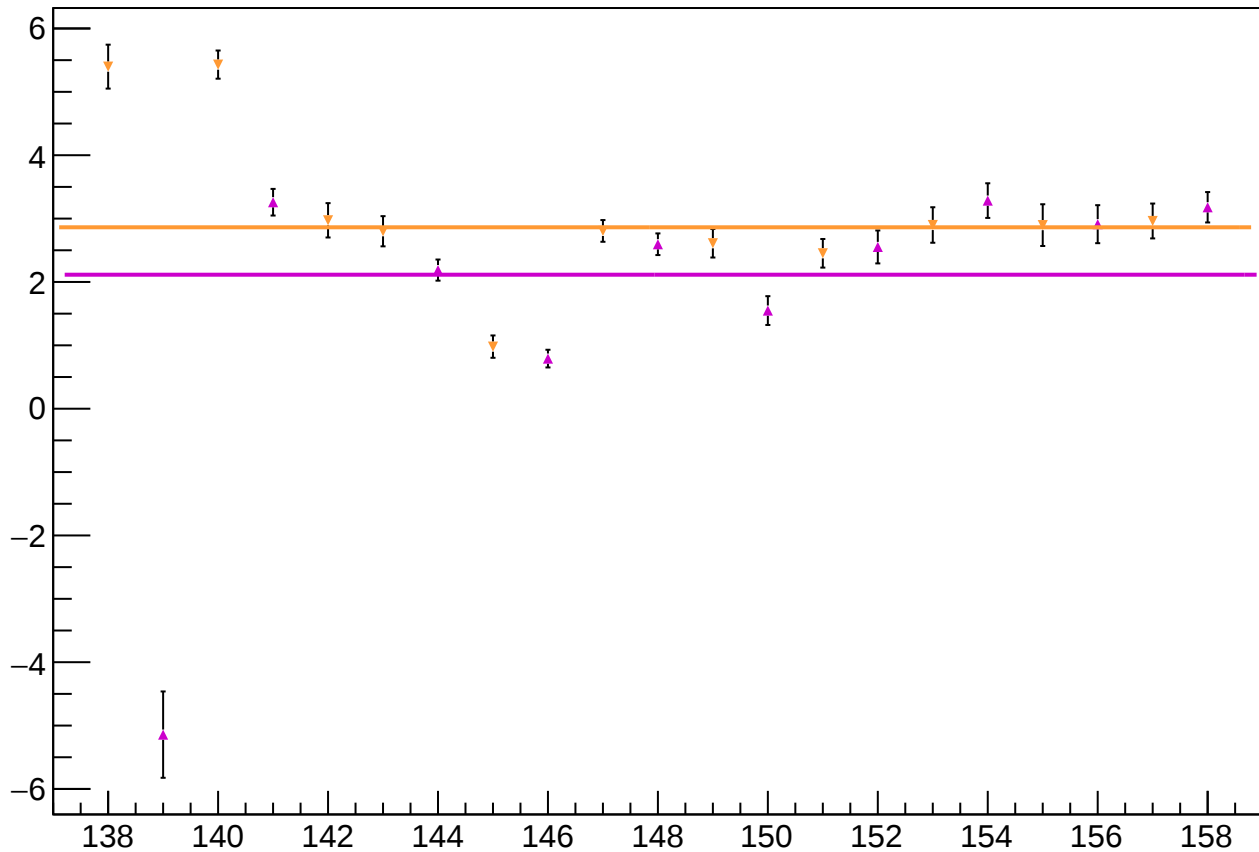
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.188 $\pm$ 0.102 χ^2 /NDF:1748.9/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.509 $\pm$ 0.099 χ^2 /NDF:886.2/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.321 $\pm$ 0.071 χ^2 /NDF: 2774.1/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

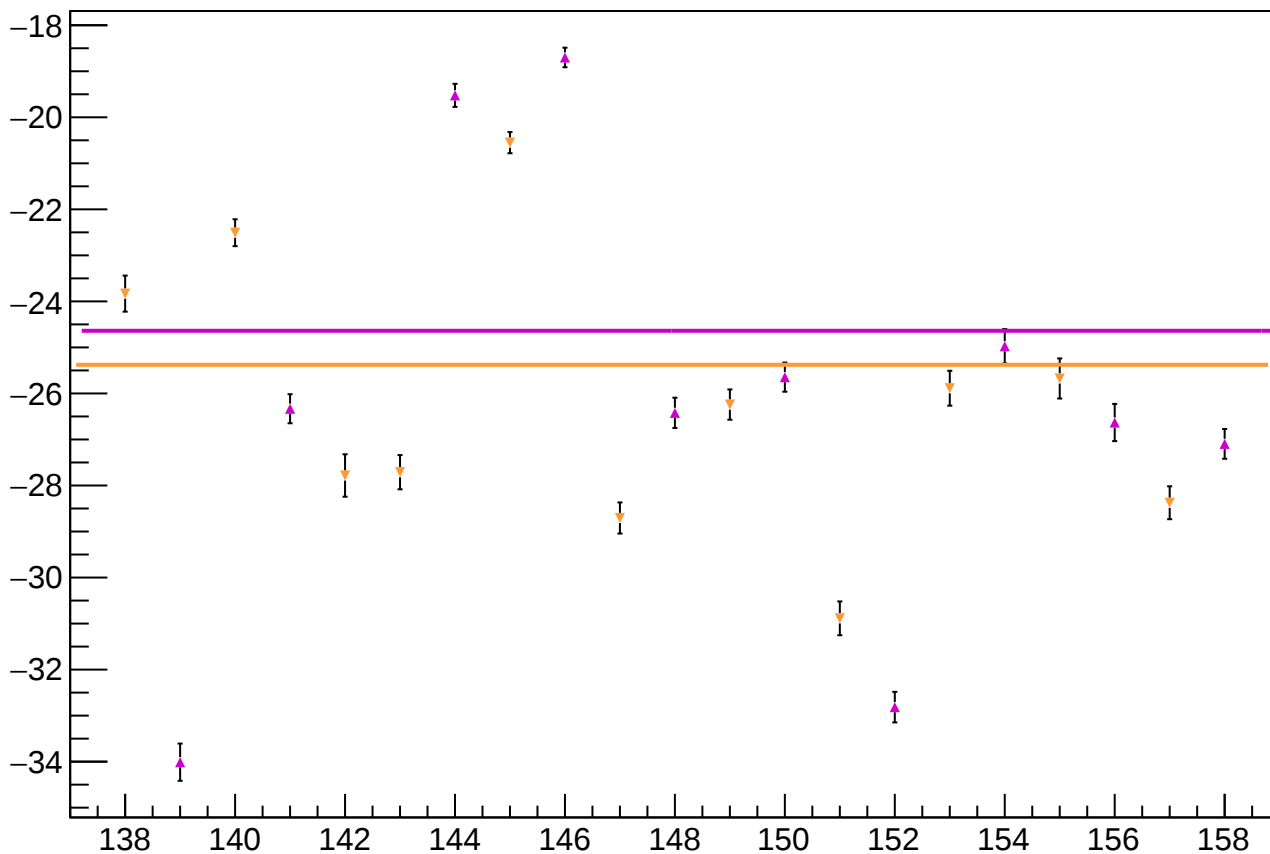
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.863 $\pm$ 0.071 χ^2 /NDF:306.0/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.114 $\pm$ 0.067 χ^2 /NDF:295.3/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.469 $\pm$ 0.049 χ^2 /NDF: 660.3/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -25.377+/-0.103 χ^2/NDF :1018.5/10

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

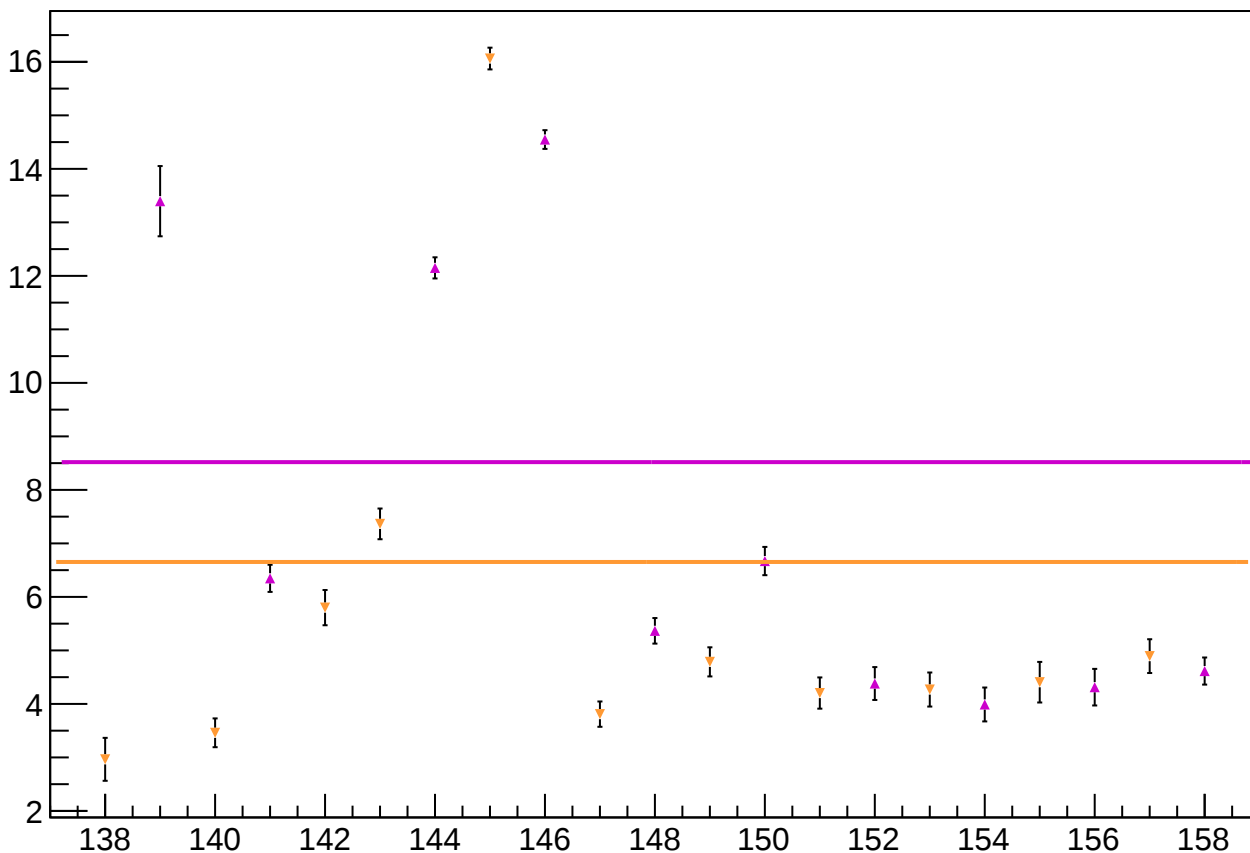
Left In: -24.638+/-0.097 χ^2/NDF :2491.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.988+/-0.071 χ^2/NDF : 3537.6/20

- 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: 6.653+/-0.086 χ^2/NDF : 2766.3/10

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

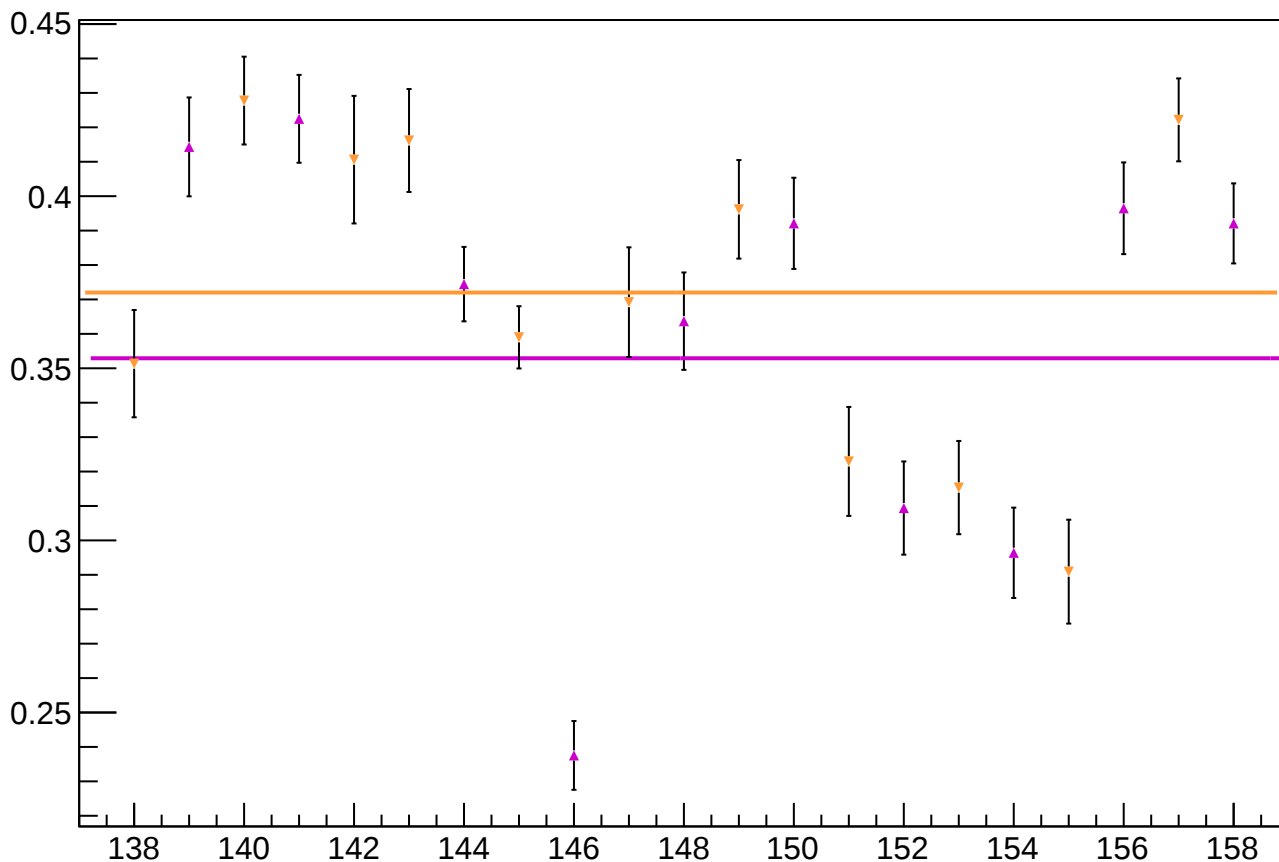
Left In: 8.519+/-0.081 χ^2/NDF : 2652.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.641+/-0.059 χ^2/NDF : 5668.9/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

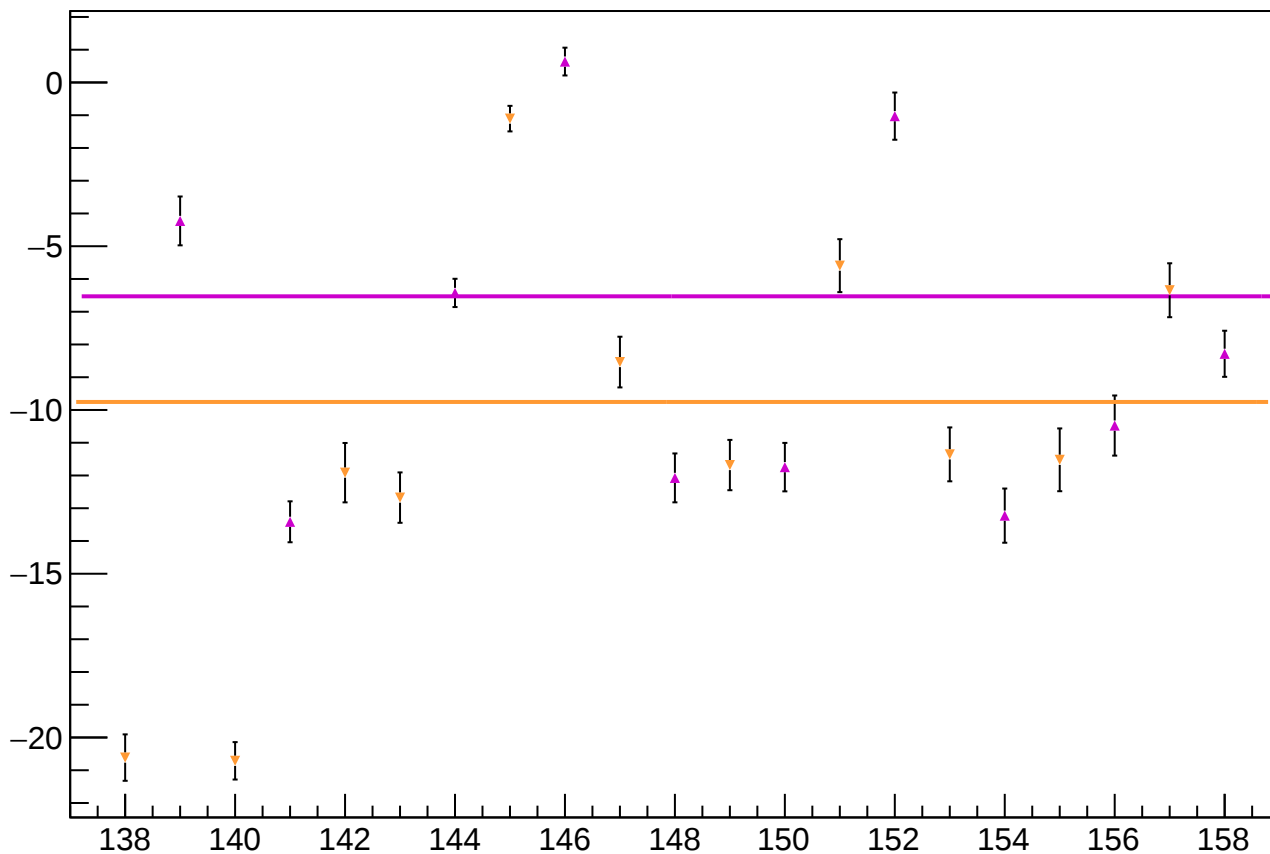
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.372 $\pm$ 0.004 χ^2 /NDF:112.2/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.353 $\pm$ 0.004 χ^2 /NDF:245.6/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.362 $\pm$ 0.003 χ^2 /NDF: 369.1/20
 - 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: -9.755+/-0.206 χ^2/NDF : 1174.1/10

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

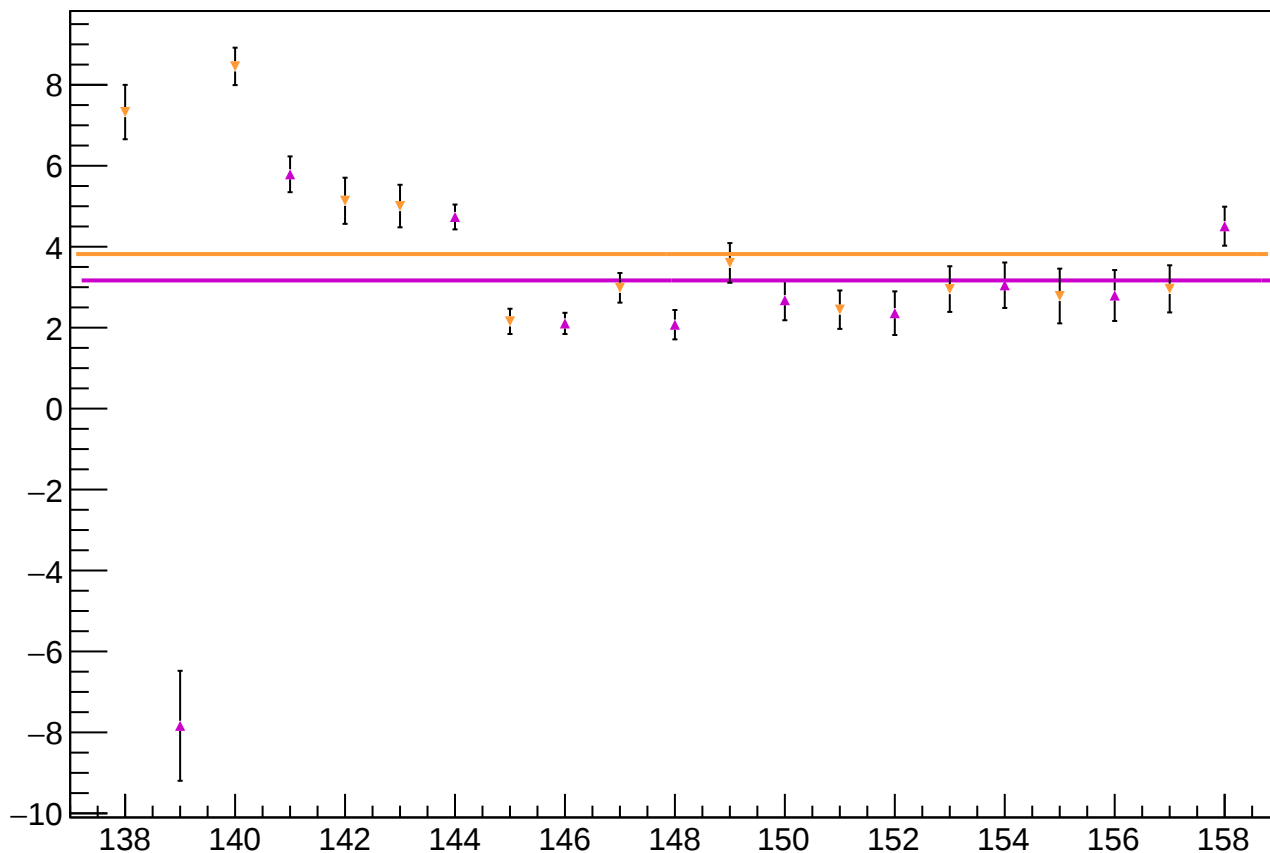
Left In: -6.530+/-0.198 χ^2/NDF : 669.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.075+/-0.143 χ^2/NDF : 1971.0/20

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.818+/-0.144 χ^2/NDF :187.3/10

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

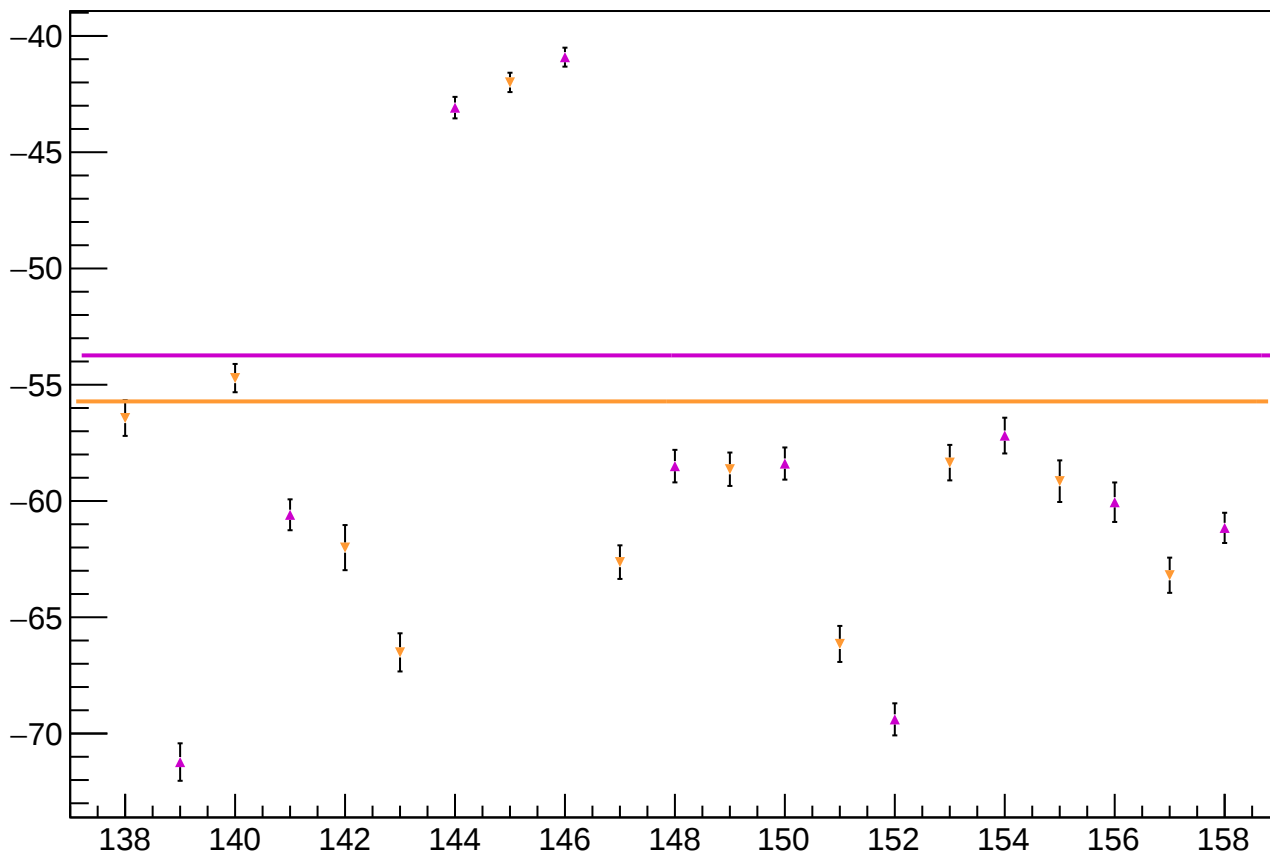
Left In: 3.167+/-0.134 χ^2/NDF :163.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.469+/-0.098 χ^2/NDF : 362.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -55.717+/-0.209 χ^2/NDF : 1720.0/10

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

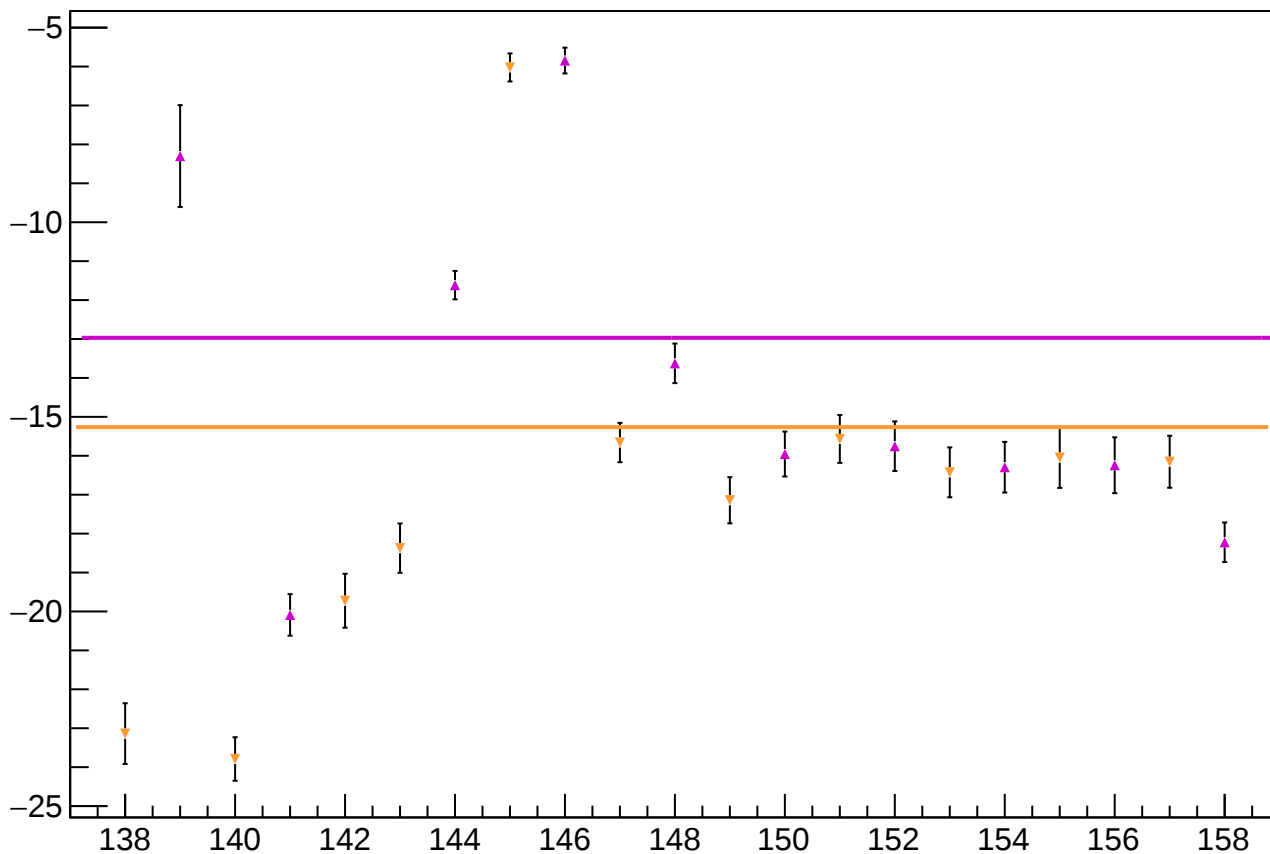
Left In: -53.738+/-0.195 χ^2/NDF : 2909.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.663+/-0.143 χ^2/NDF : 4677.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.264+/-0.175 χ^2/NDF :1072.1/10

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

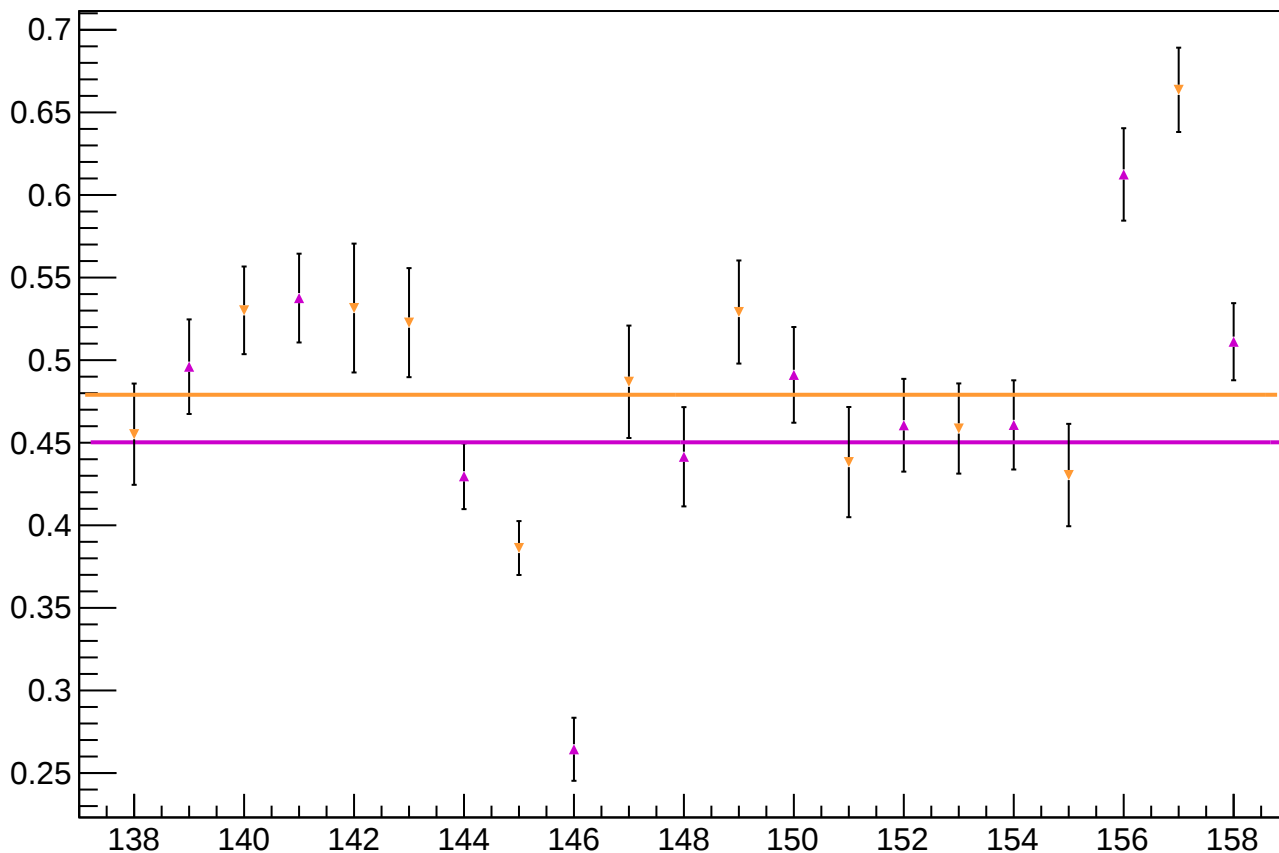
Left In: -12.969+/-0.162 χ^2/NDF :868.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.029+/-0.119 χ^2/NDF : 2033.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.479 $\pm$ 0.008 χ^2 /NDF:99.7/10

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

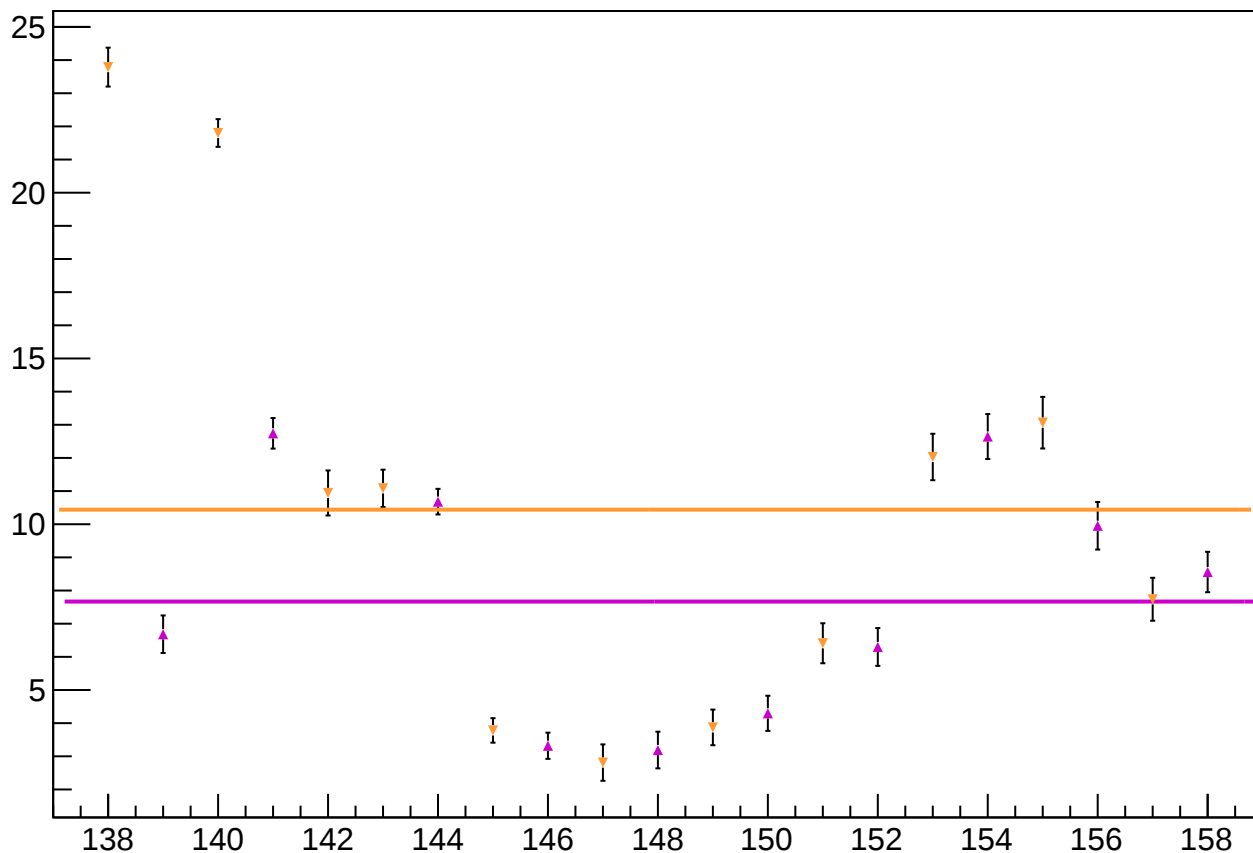
Left In: 0.450 $\pm$ 0.008 χ^2 /NDF:151.8/9

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

All: 0.464 $\pm$ 0.006 χ^2 /NDF: 257.7/20

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

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 10.439+/-0.165 χ^2/NDF :2003.4/10

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

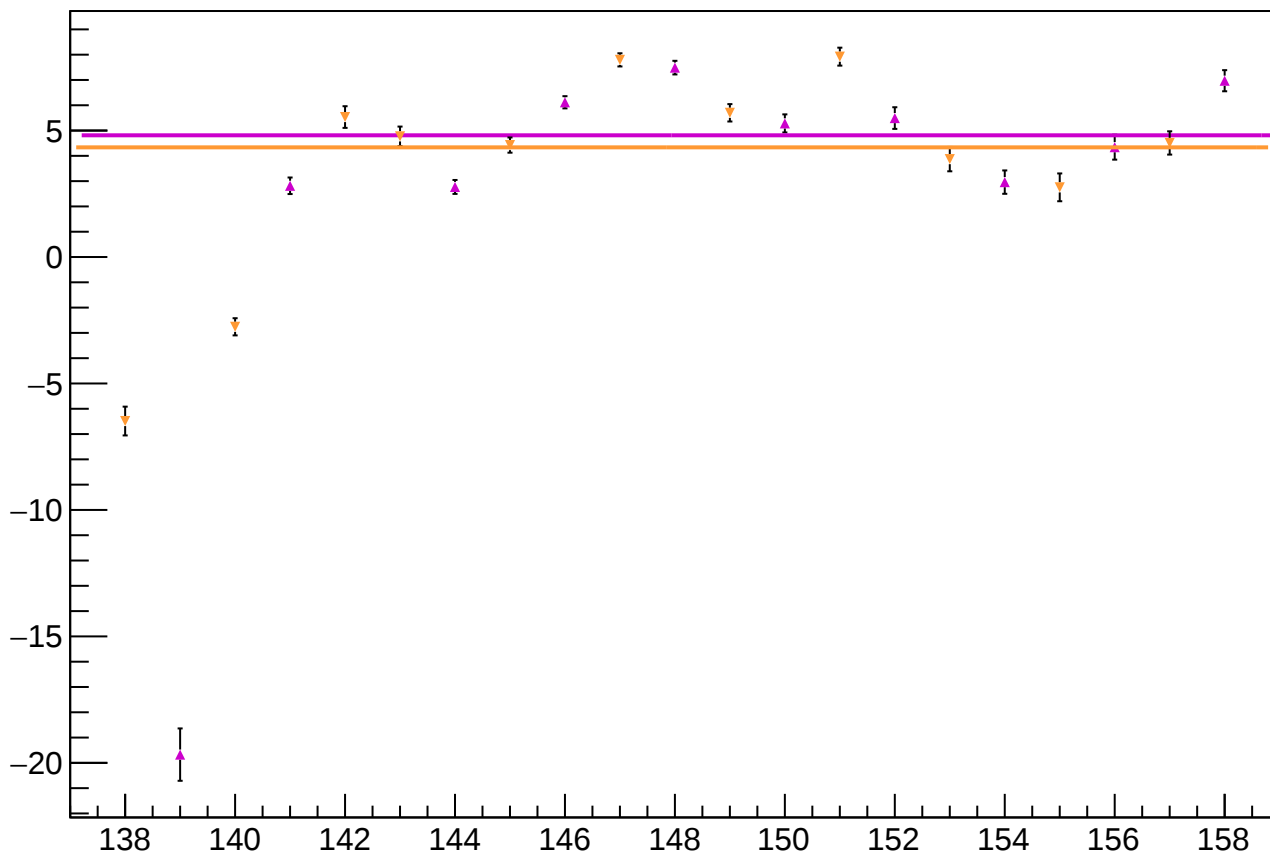
Left In: 7.668+/-0.163 χ^2/NDF :483.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.040+/-0.116 χ^2/NDF : 2630.3/20

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4.336+/-0.113 χ^2/NDF :1110.4/10

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

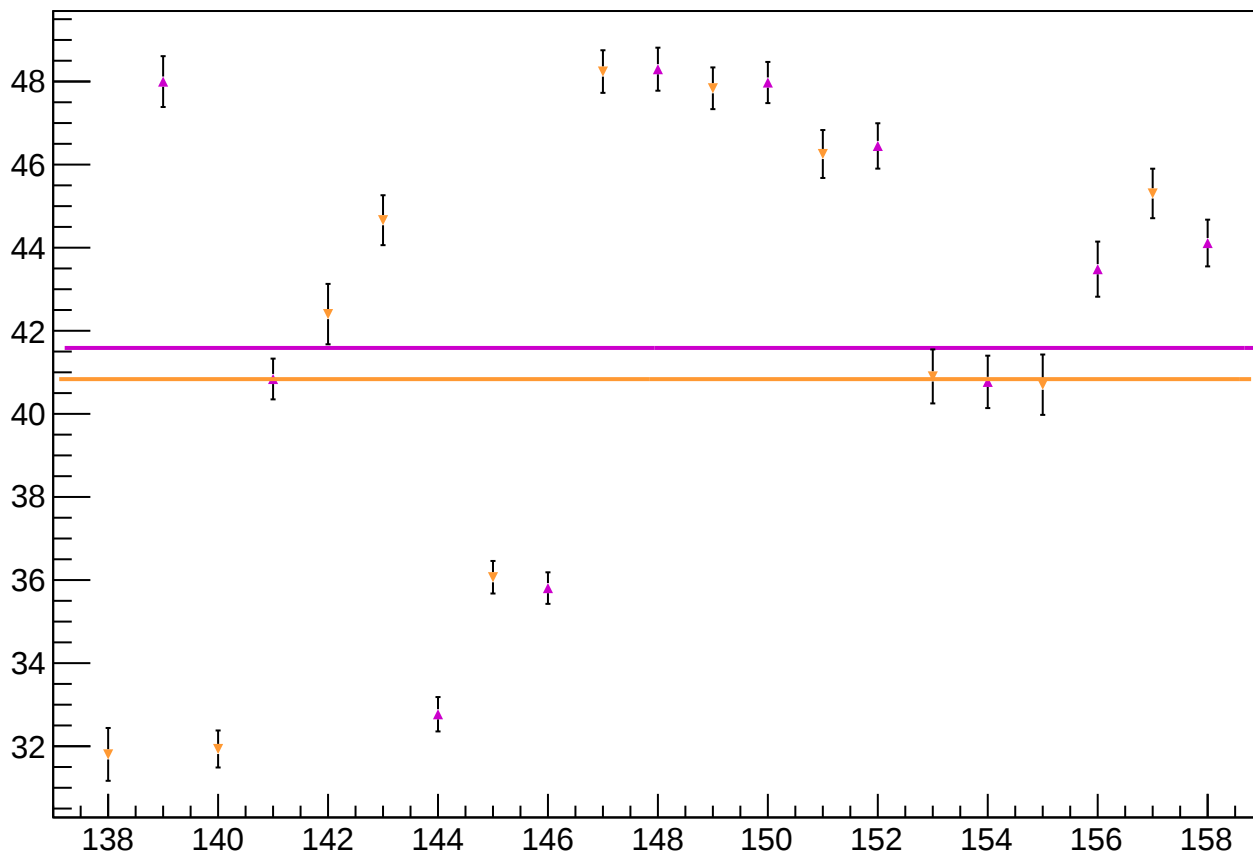
Left In: 4.812+/-0.110 χ^2/NDF :827.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.580+/-0.079 χ^2/NDF : 1947.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 40.836+/-0.165 χ^2/NDF :1342.0/10

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

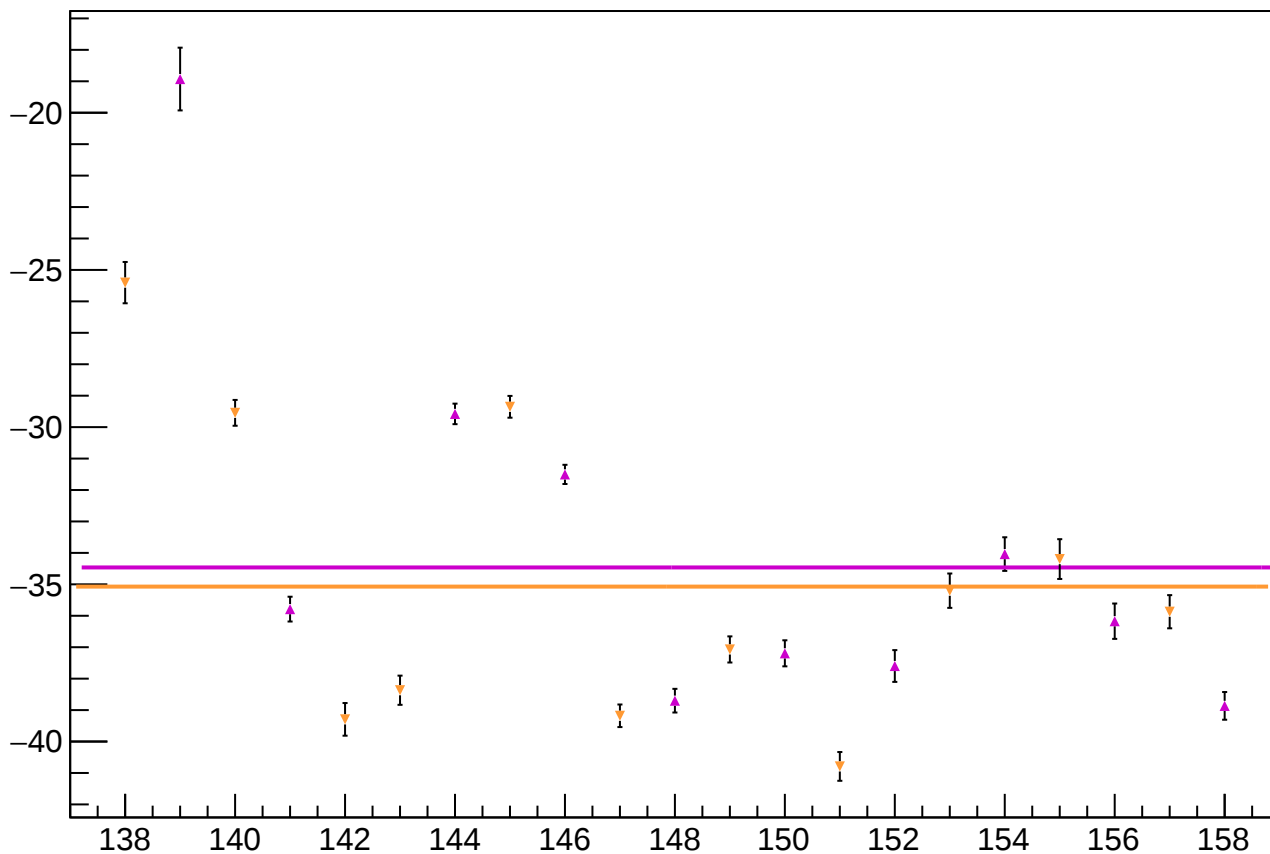
Left In: 41.587+/-0.161 χ^2/NDF :1241.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.222+/-0.115 χ^2/NDF : 2593.8/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -35.072+/-0.138 χ^2/NDF : 1101.2/10

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

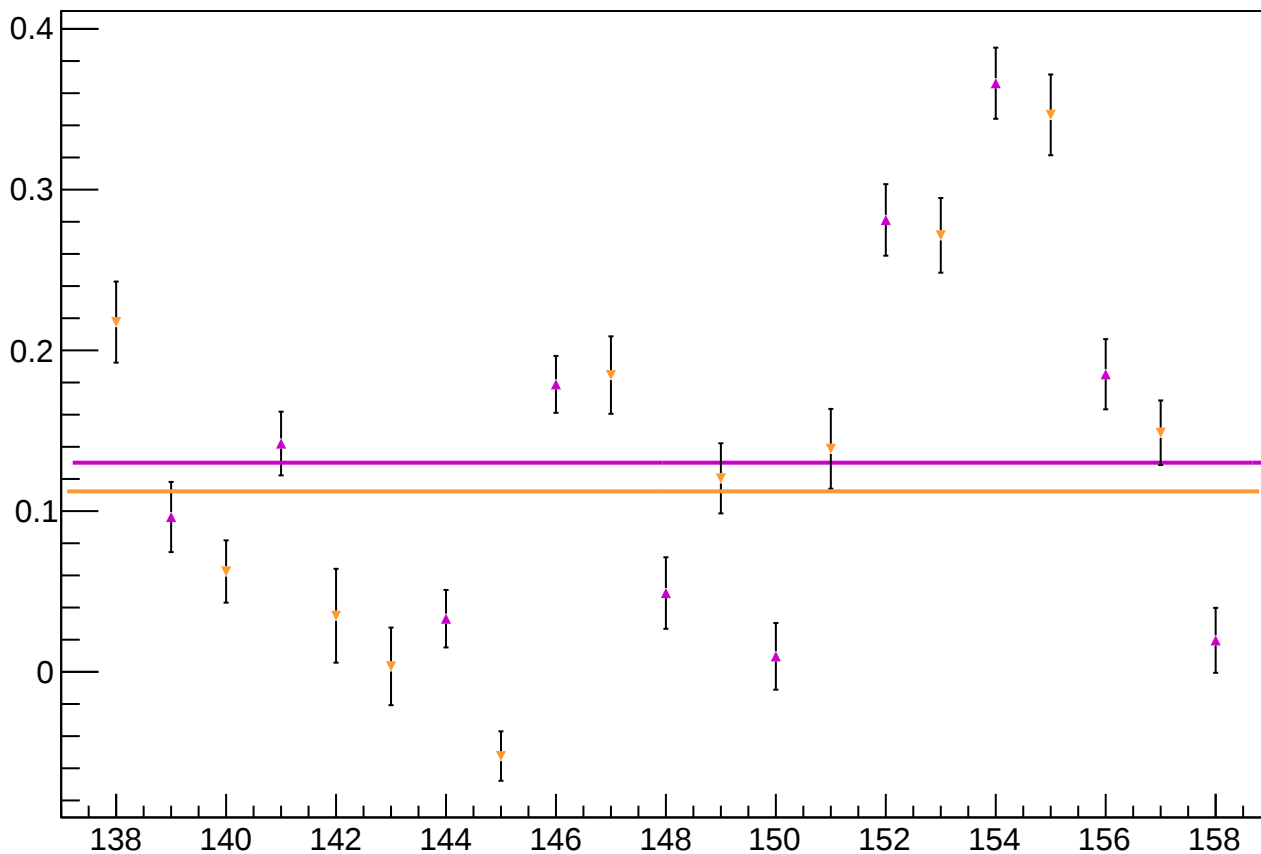
Left In: -34.463+/-0.133 χ^2/NDF : 890.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.758+/-0.096 χ^2/NDF : 2001.4/20

- 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: 0.112+/-0.007 χ^2/NDF : 313.7/10

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

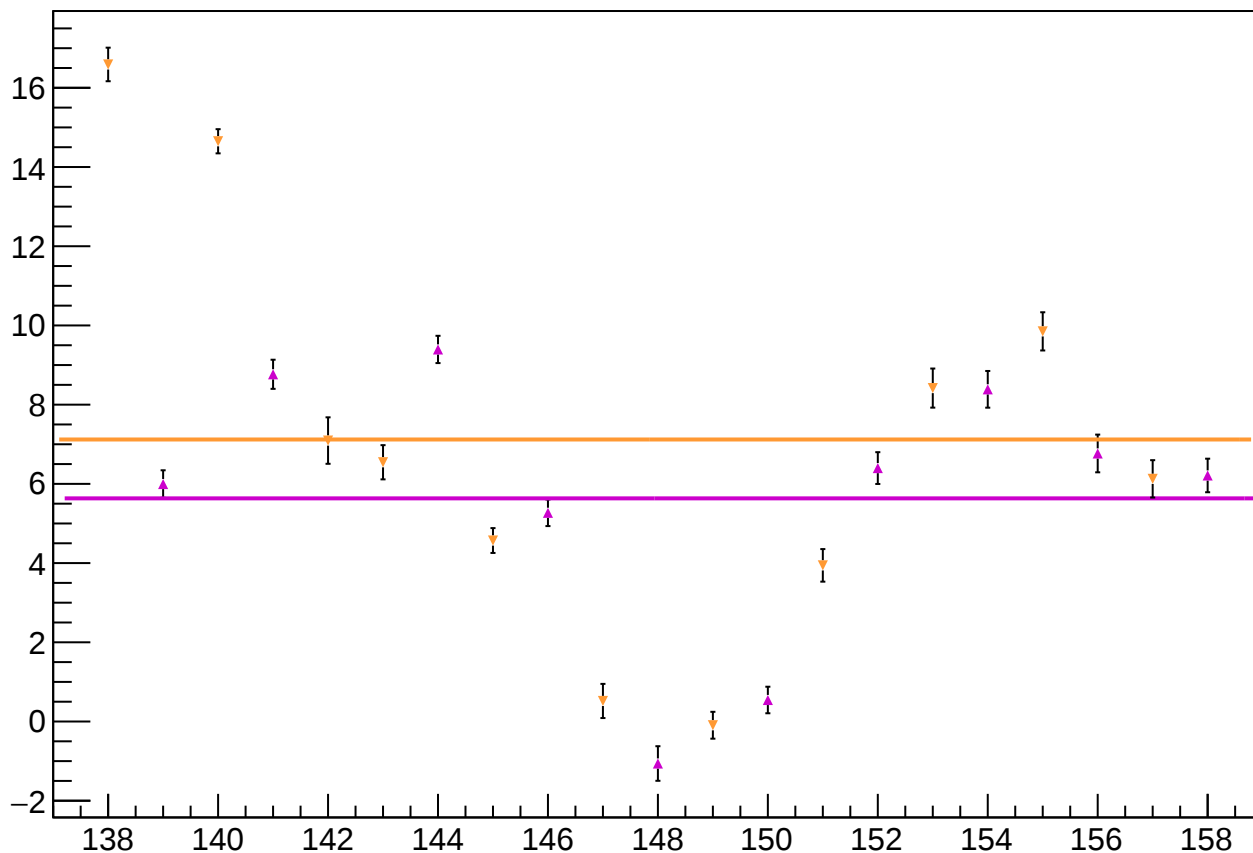
Left In: 0.130+/-0.006 χ^2/NDF : 283.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.121+/-0.005 χ^2/NDF : 600.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

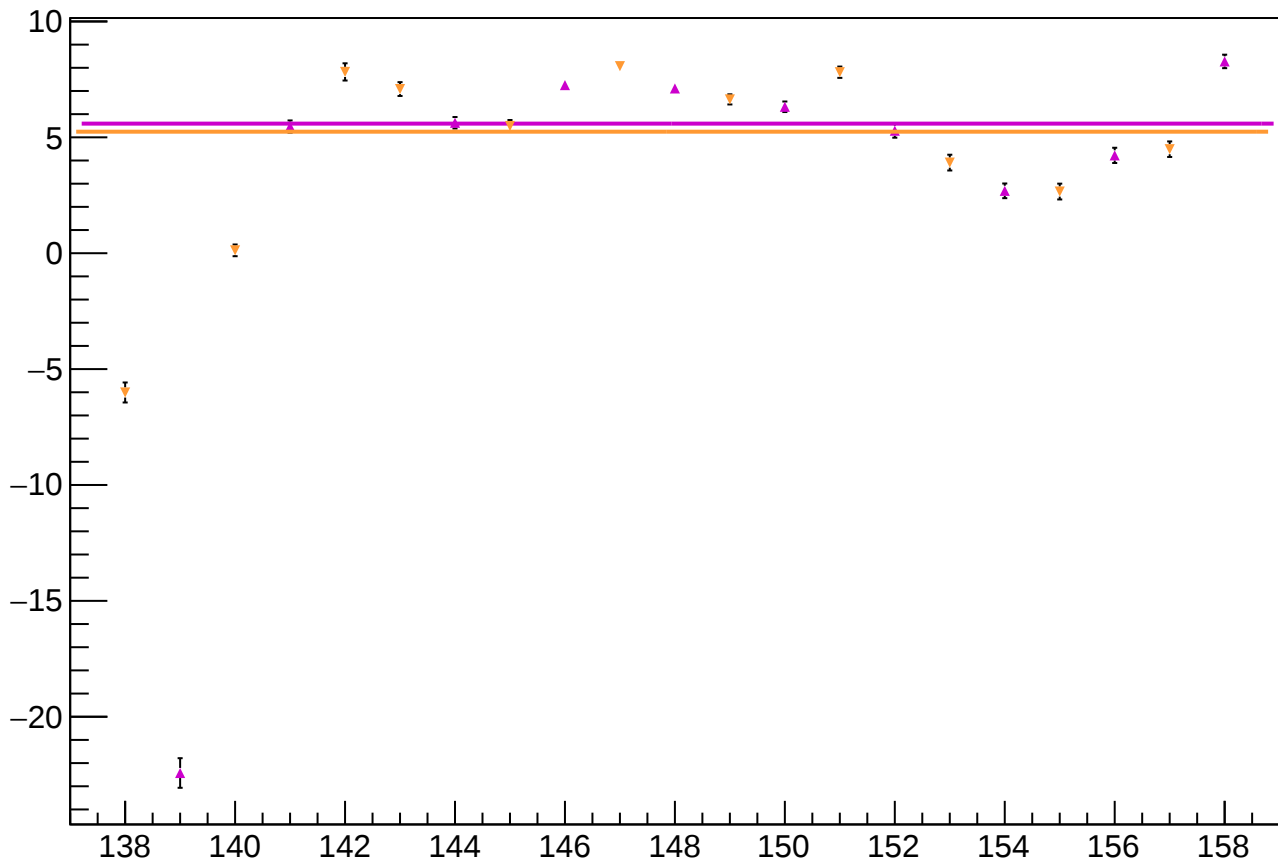
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.121+/-0.122 χ^2/NDF :1966.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.634+/-0.121 χ^2/NDF :706.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.375+/-0.086 χ^2/NDF : 2747.3/20
 - 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: 5.244 $\pm$ 0.084 χ^2 /NDF:1592.4/10

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

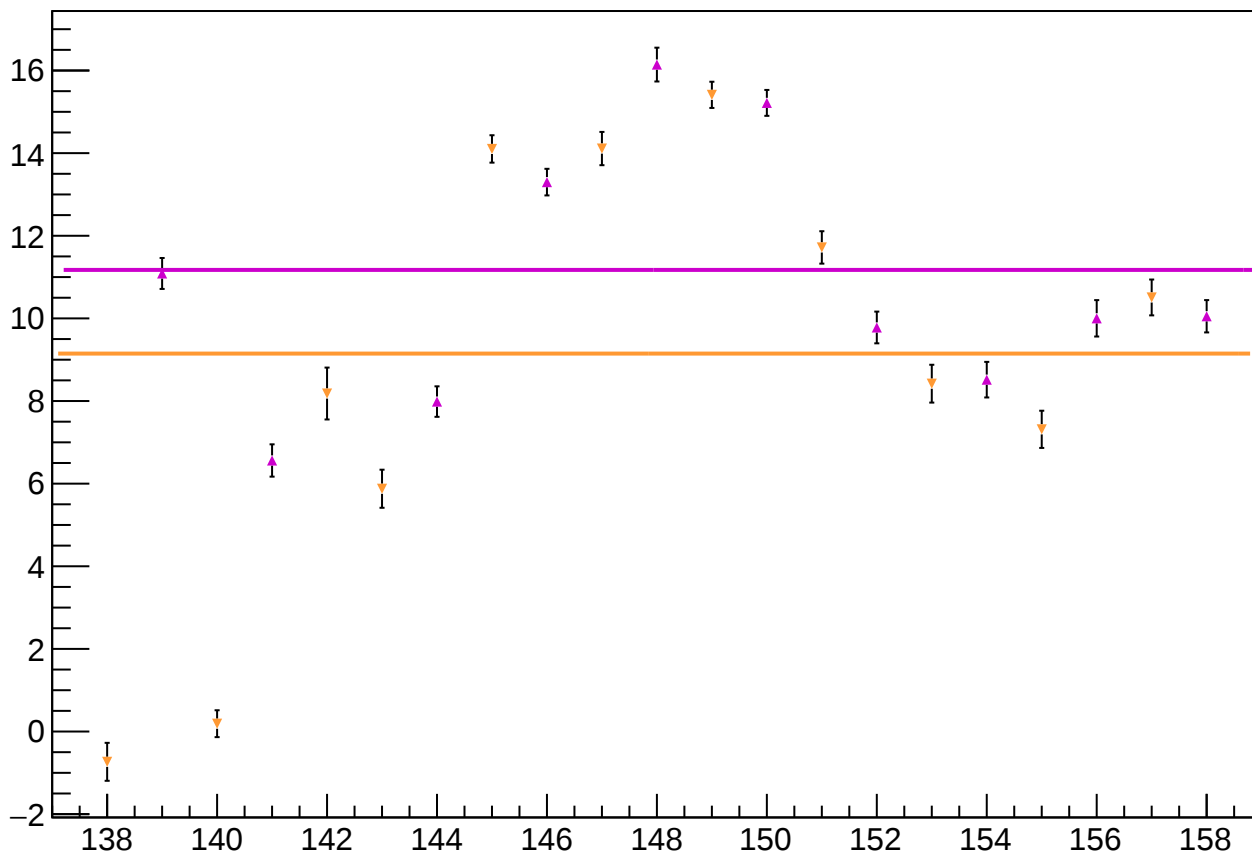
Left In: 5.592 $\pm$ 0.085 χ^2 /NDF:2230.5/9

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

All: 5.415 $\pm$ 0.060 χ^2 /NDF: 3831.4/20

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

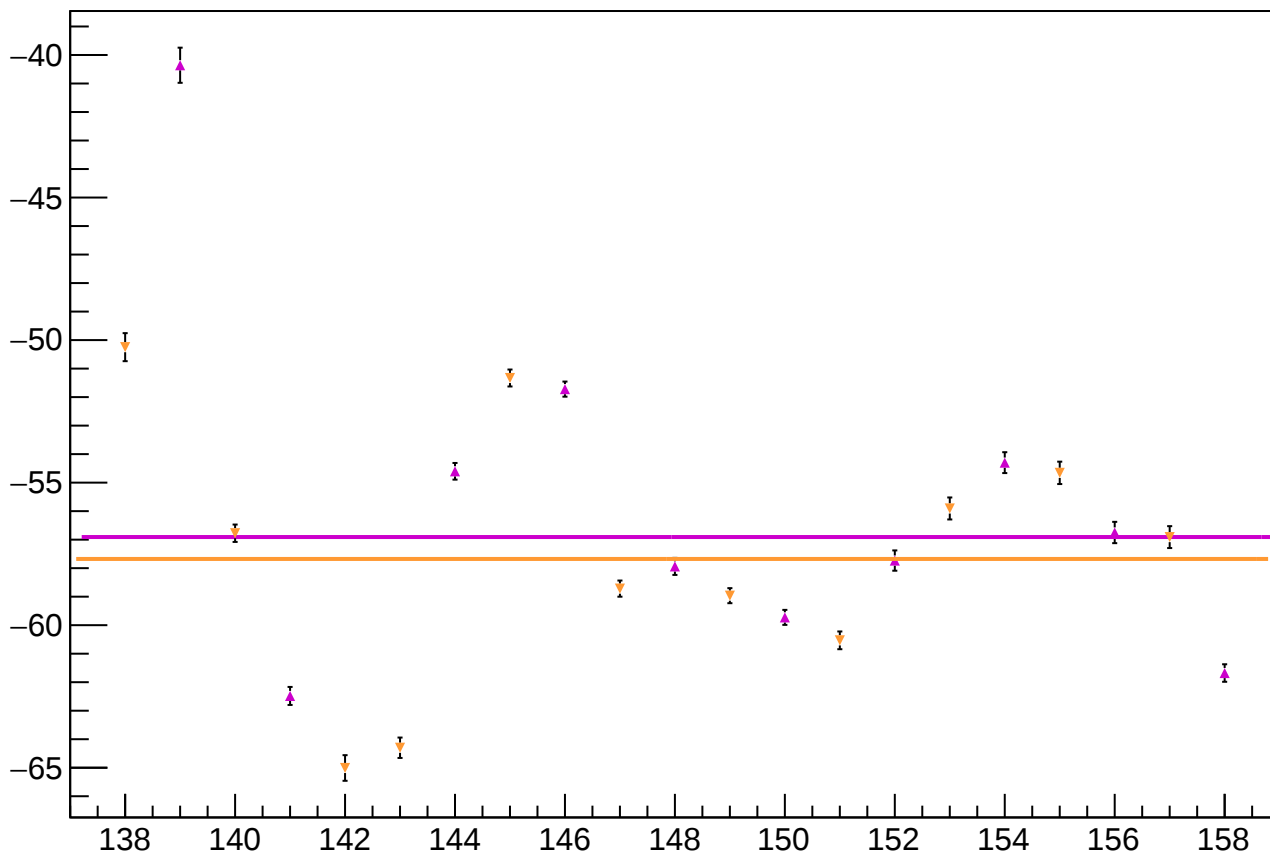
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.148 $\pm$ 0.121 χ^2 /NDF:2110.7/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.174 $\pm$ 0.119 χ^2 /NDF:637.6/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 10.179 $\pm$ 0.085 χ^2 /NDF: 2890.5/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.677+/-0.102 χ^2/NDF :1507.7/10

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

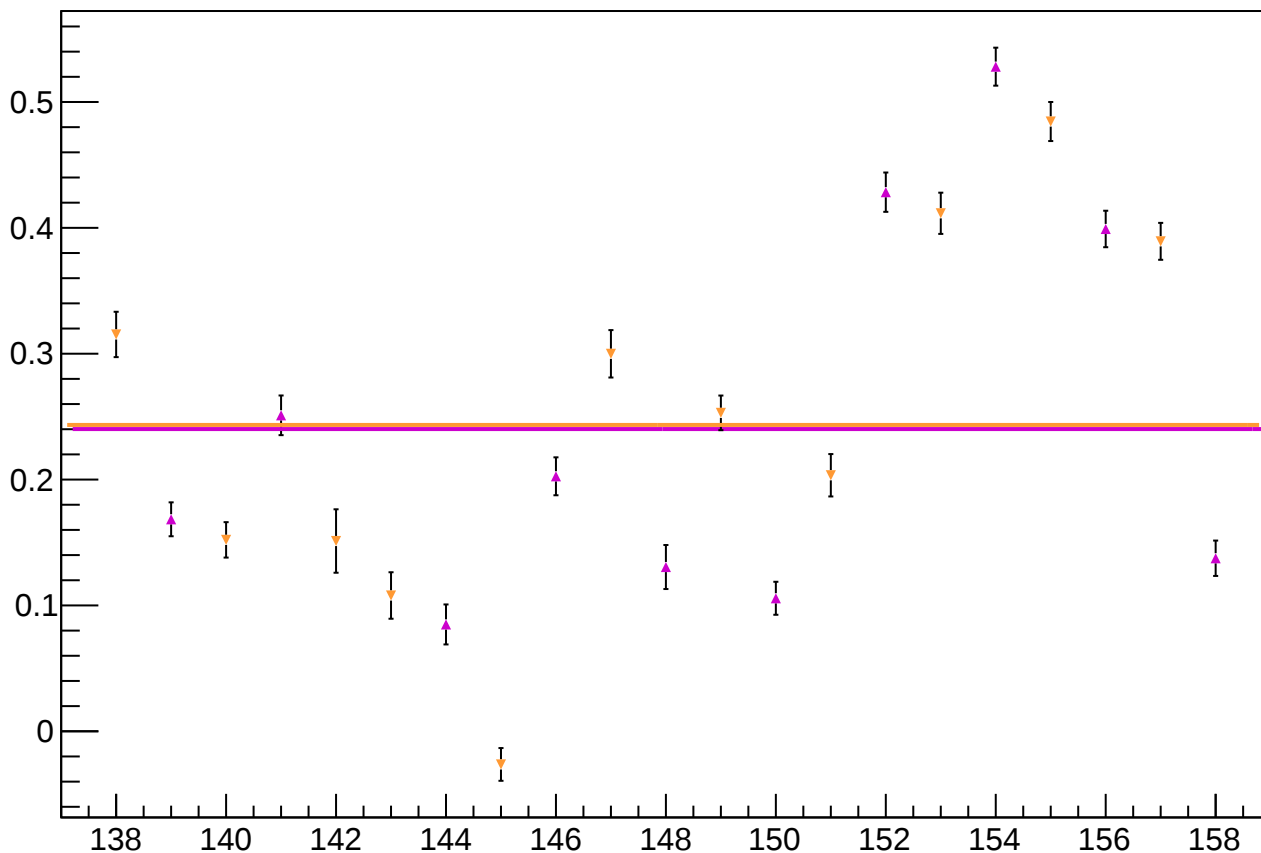
Left In: -56.908+/-0.101 χ^2/NDF :1902.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.290+/-0.072 χ^2/NDF : 3438.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

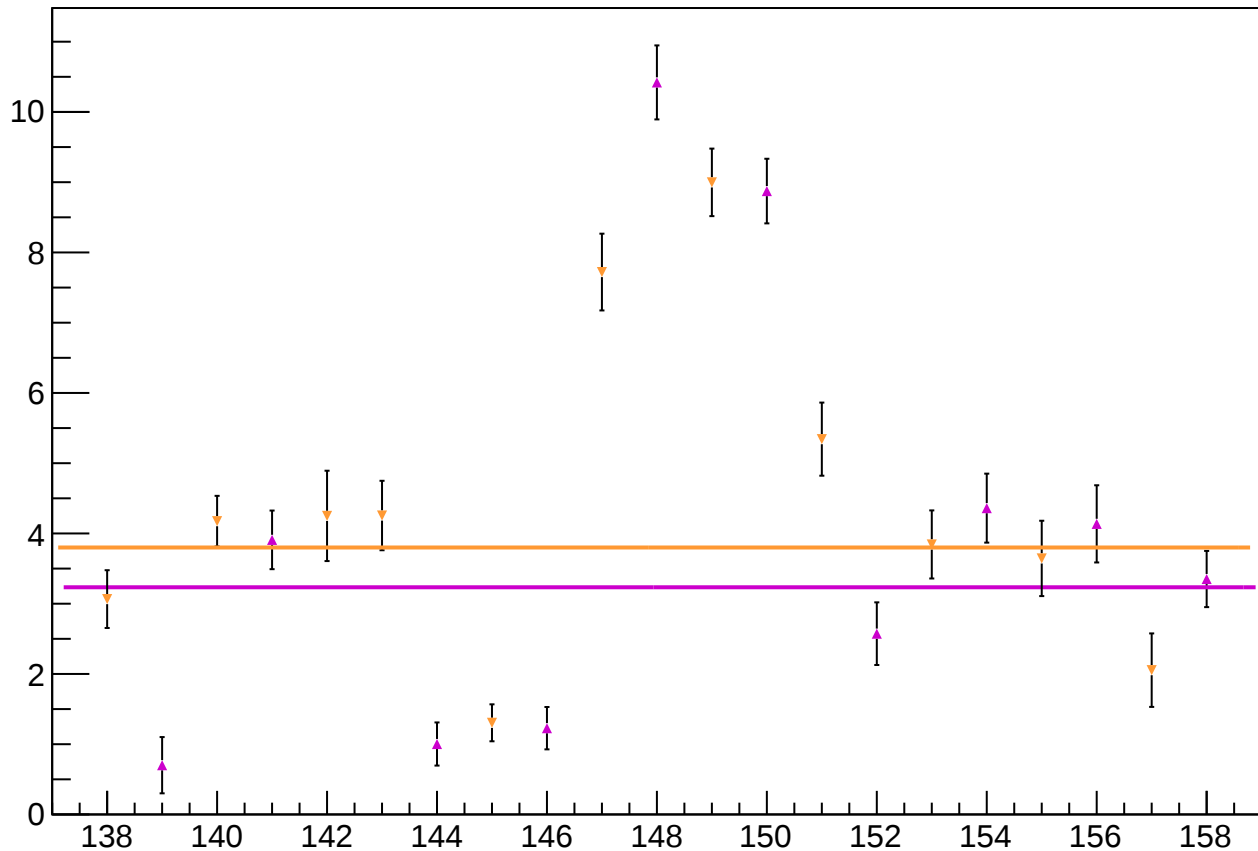
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.243 $\pm$ 0.005 χ^2 /NDF:1015.9/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.240 $\pm$ 0.005 χ^2 /NDF:957.9/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.242 $\pm$ 0.003 χ^2 /NDF: 1974.0/20
 - 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: 3.800 $\pm$ 0.132 χ^2 /NDF:284.1/10

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

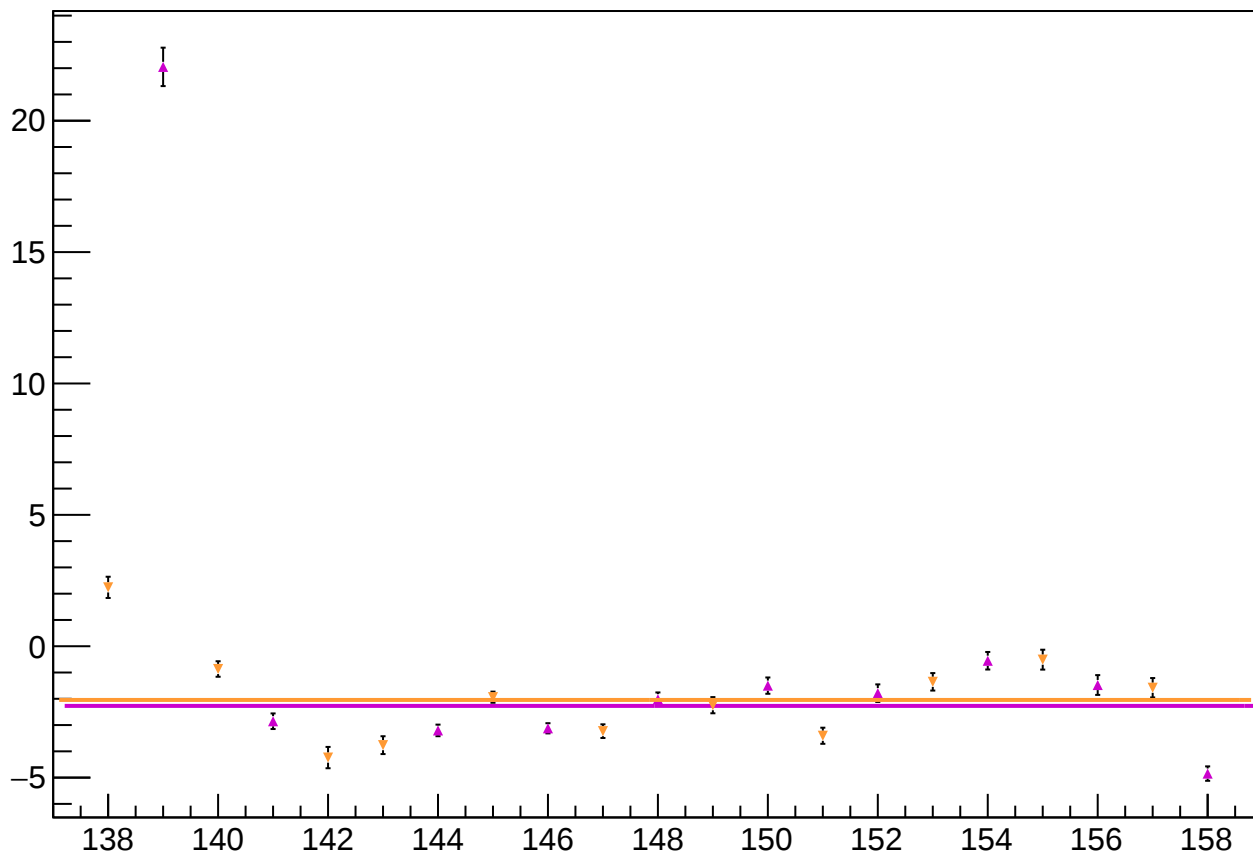
Left In: 3.234 $\pm$ 0.128 χ^2 /NDF:486.5/9

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

All: 3.509 $\pm$ 0.092 χ^2 /NDF: 780.1/20

- 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: -2.044+/-0.094 χ^2/NDF : 246.9/10

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

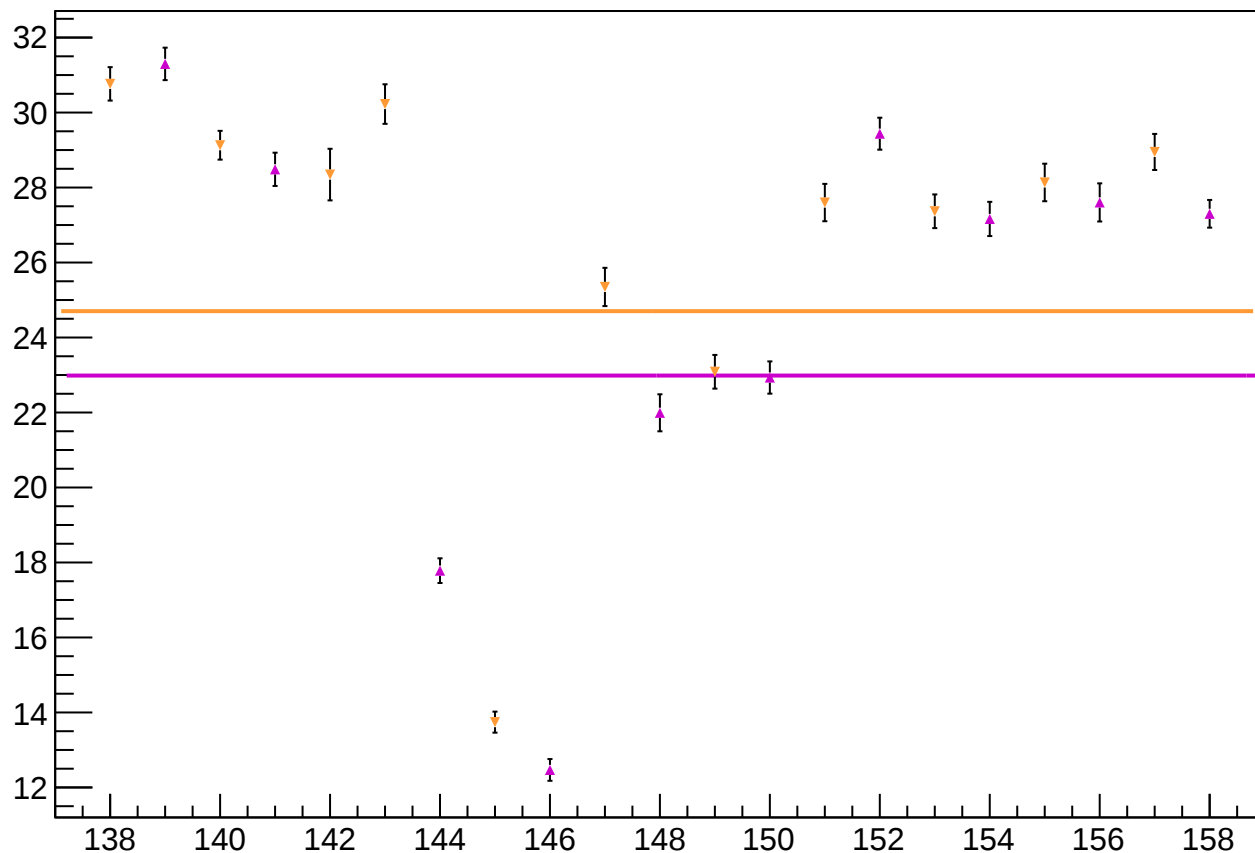
Left In: -2.271+/-0.090 χ^2/NDF : 1276.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.162+/-0.065 χ^2/NDF : 1526.1/20

- 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: 24.703+/-0.133 χ^2/NDF : 2192.5/10

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

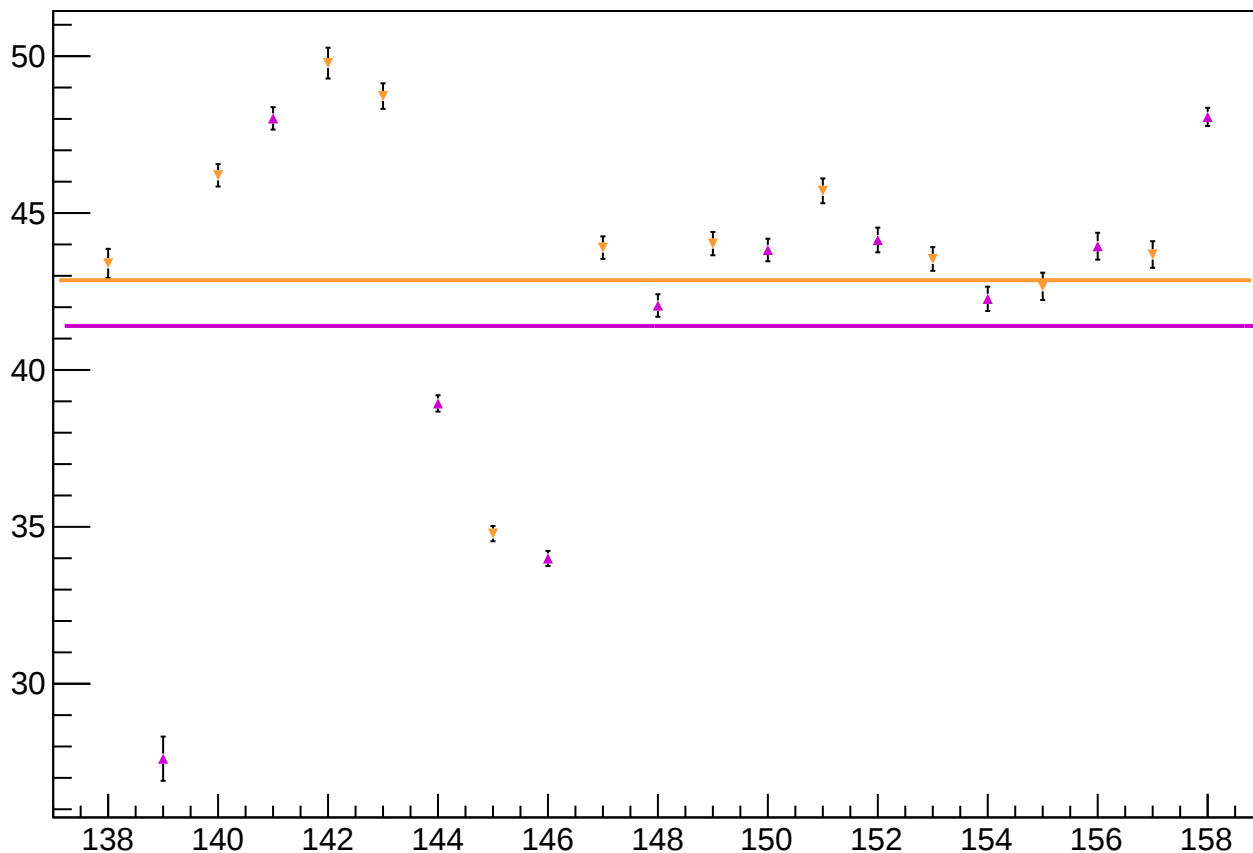
Left In: 22.985+/-0.126 χ^2/NDF : 2622.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.799+/-0.092 χ^2/NDF : 4902.8/20

- 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: 42.860+/-0.113 χ^2/NDF :1666.7/10

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

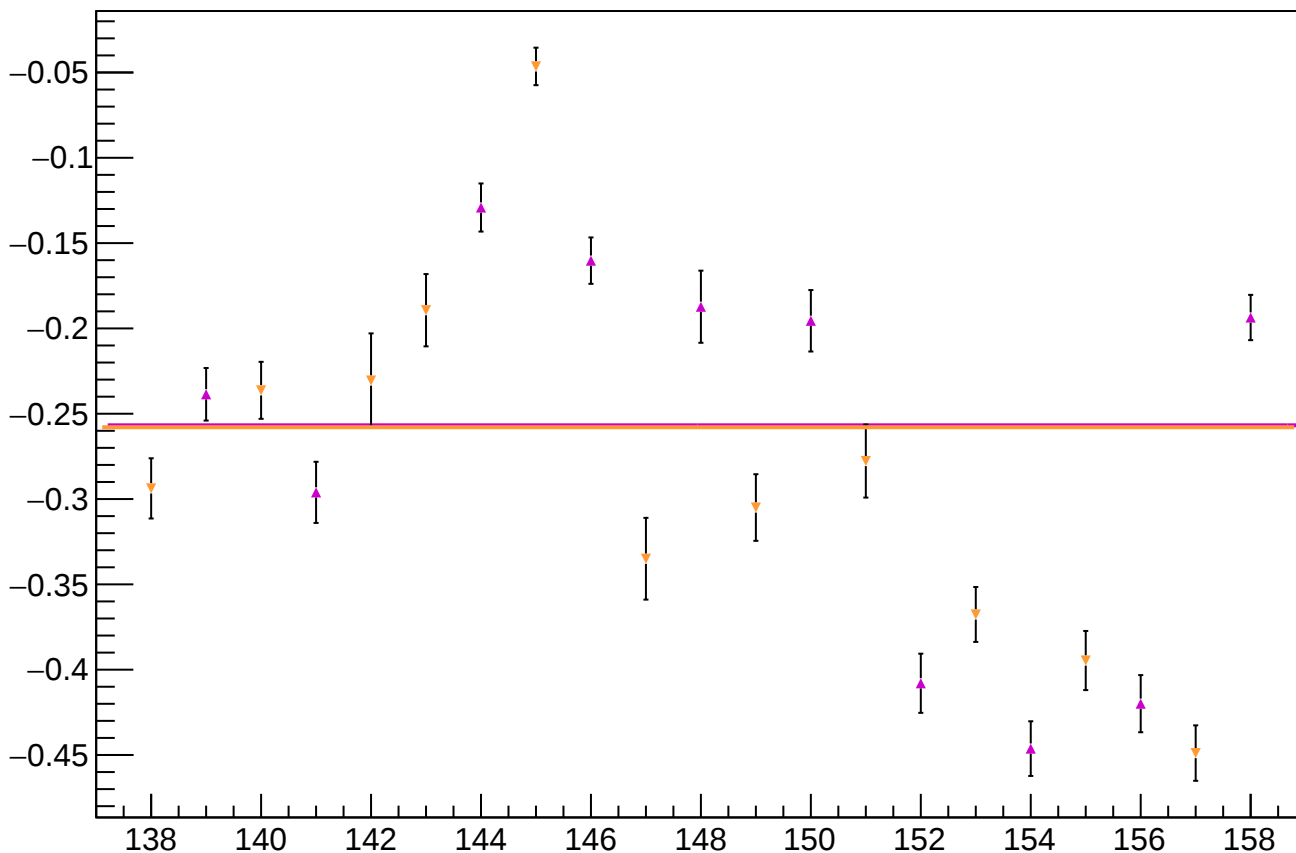
Left In: 41.403+/-0.107 χ^2/NDF :2430.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.092+/-0.077 χ^2/NDF : 4185.0/20

- 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: -0.258+/-0.005 χ^2/NDF : 651.9/10

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

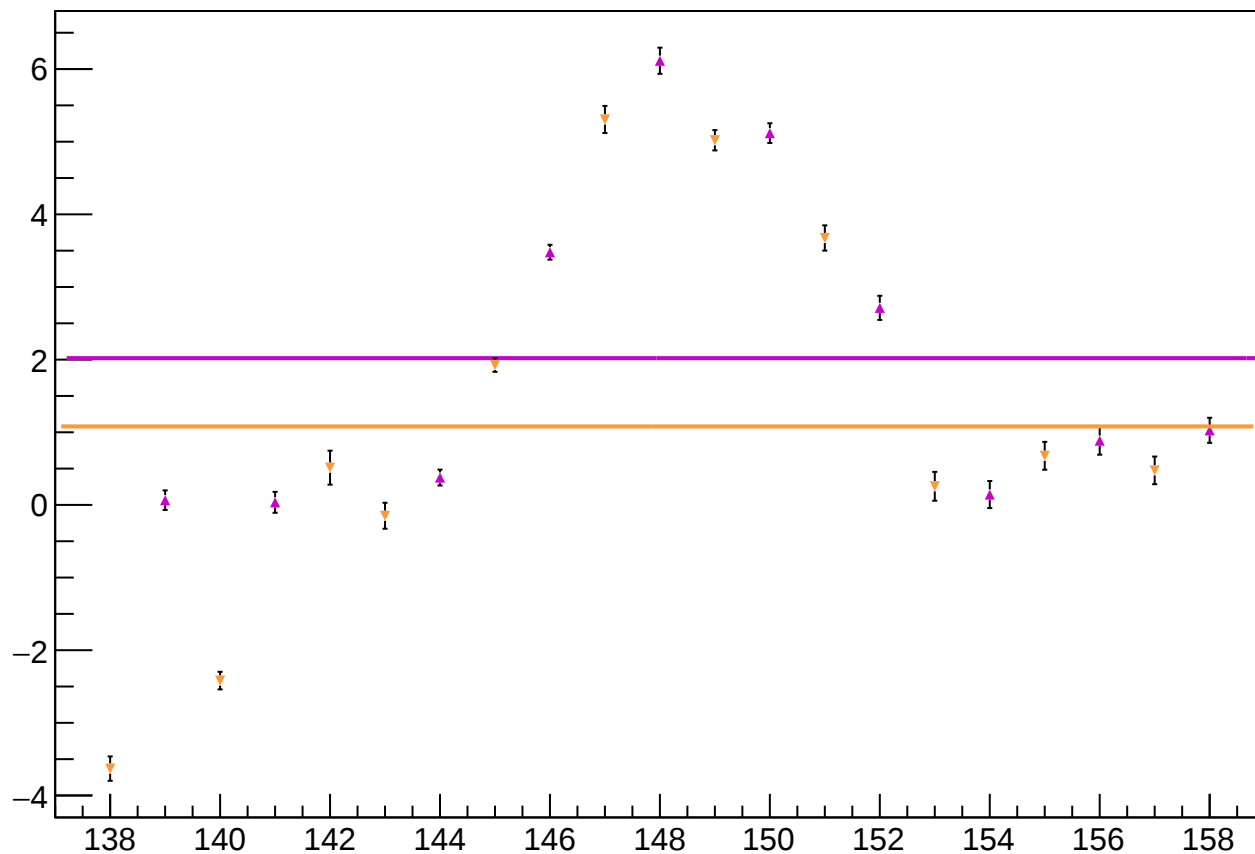
Left In: -0.257+/-0.005 χ^2/NDF : 494.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.257+/-0.004 χ^2/NDF : 1146.3/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

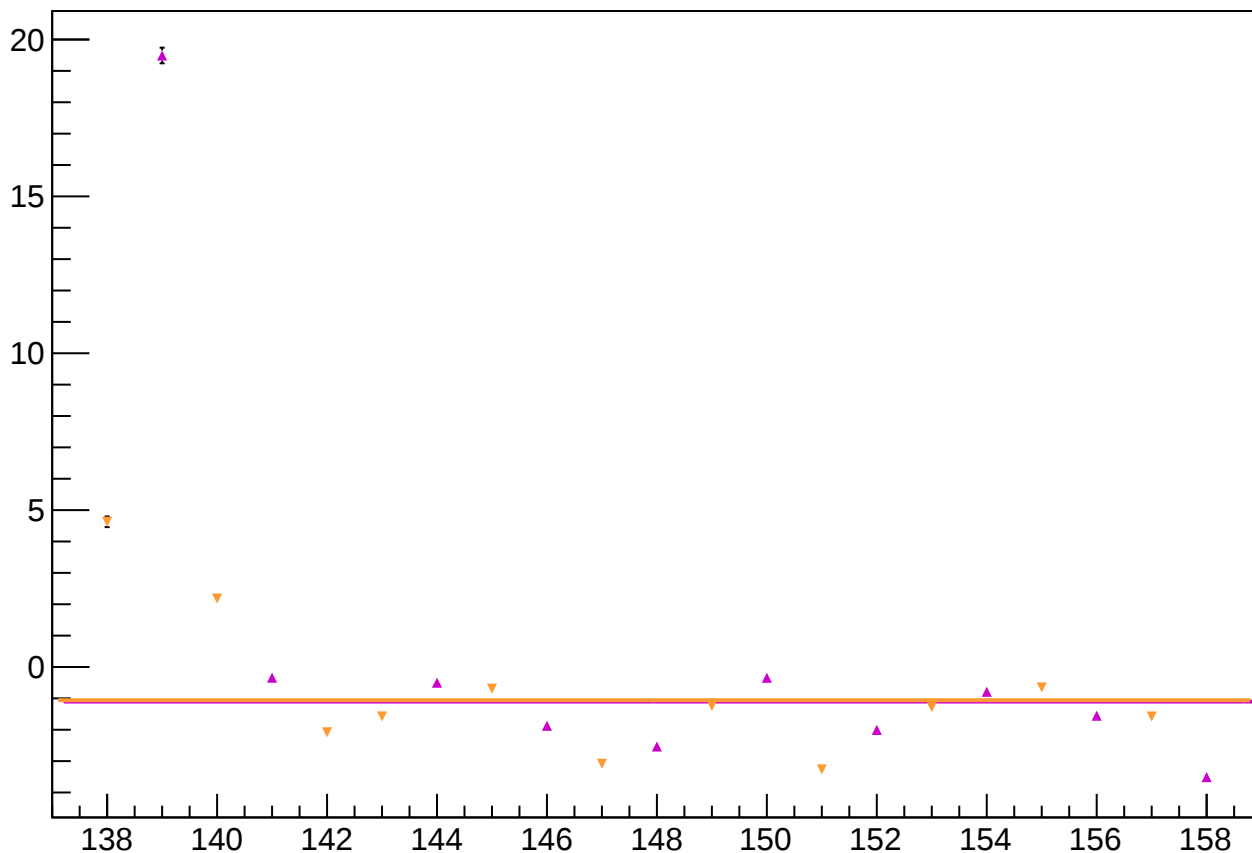
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



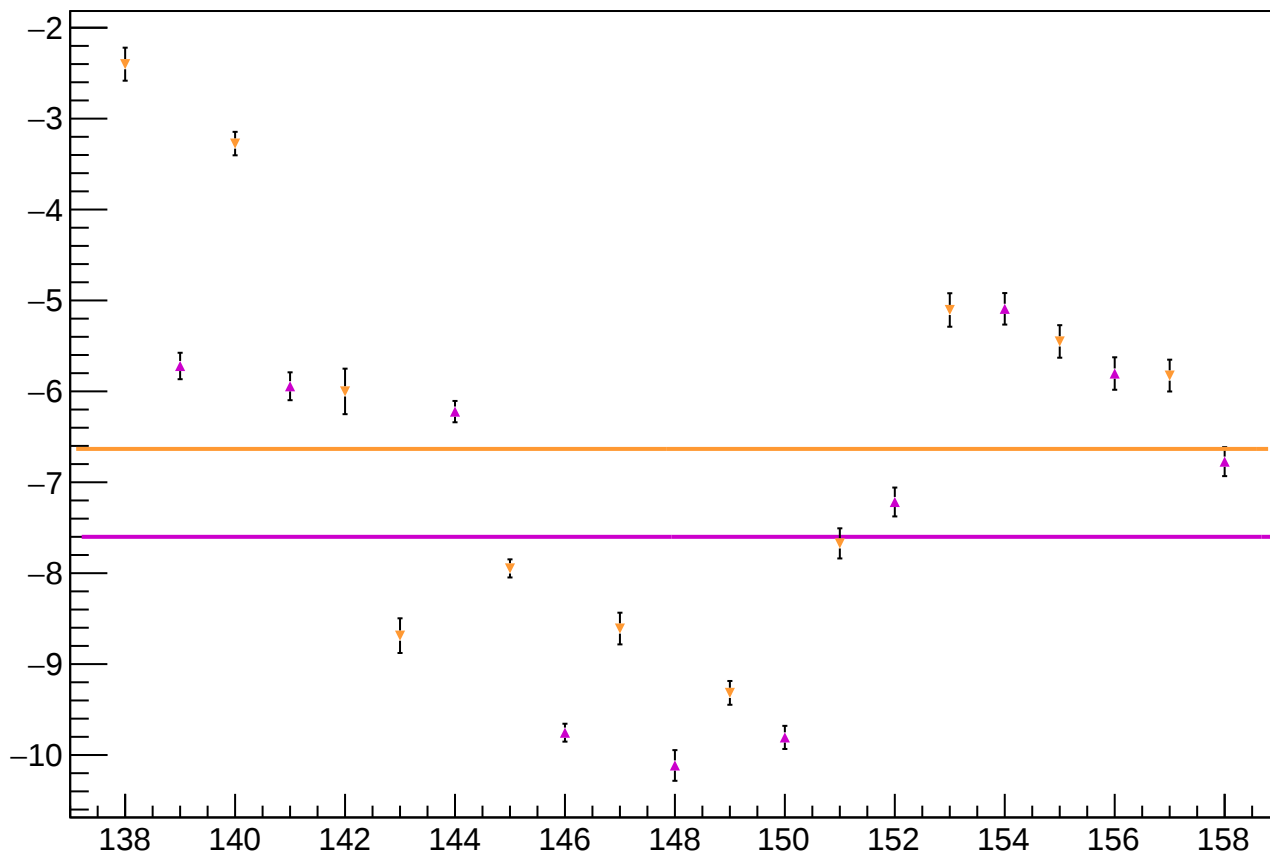
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.081 $\pm$ 0.047 χ^2 /NDF:3319.1/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.021 $\pm$ 0.045 χ^2 /NDF:2052.5/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 1.567 $\pm$ 0.032 χ^2 /NDF: 5581.6/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



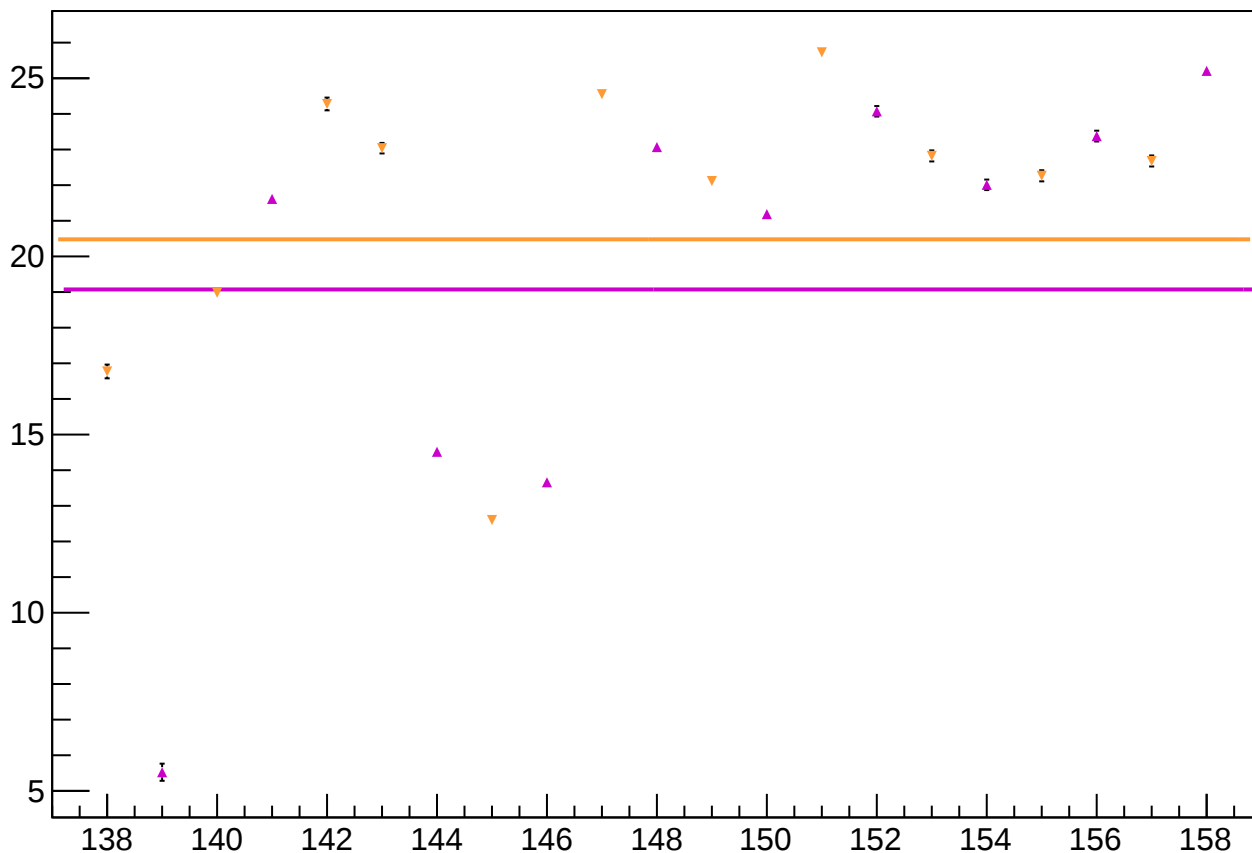
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.633+/-0.047 χ^2/NDF : 2238.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.600+/-0.044 χ^2/NDF : 1766.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.142+/-0.032 χ^2/NDF : 4229.6/20
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 20.479 $\pm$ 0.040 χ^2 /NDF:12724.7/10

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

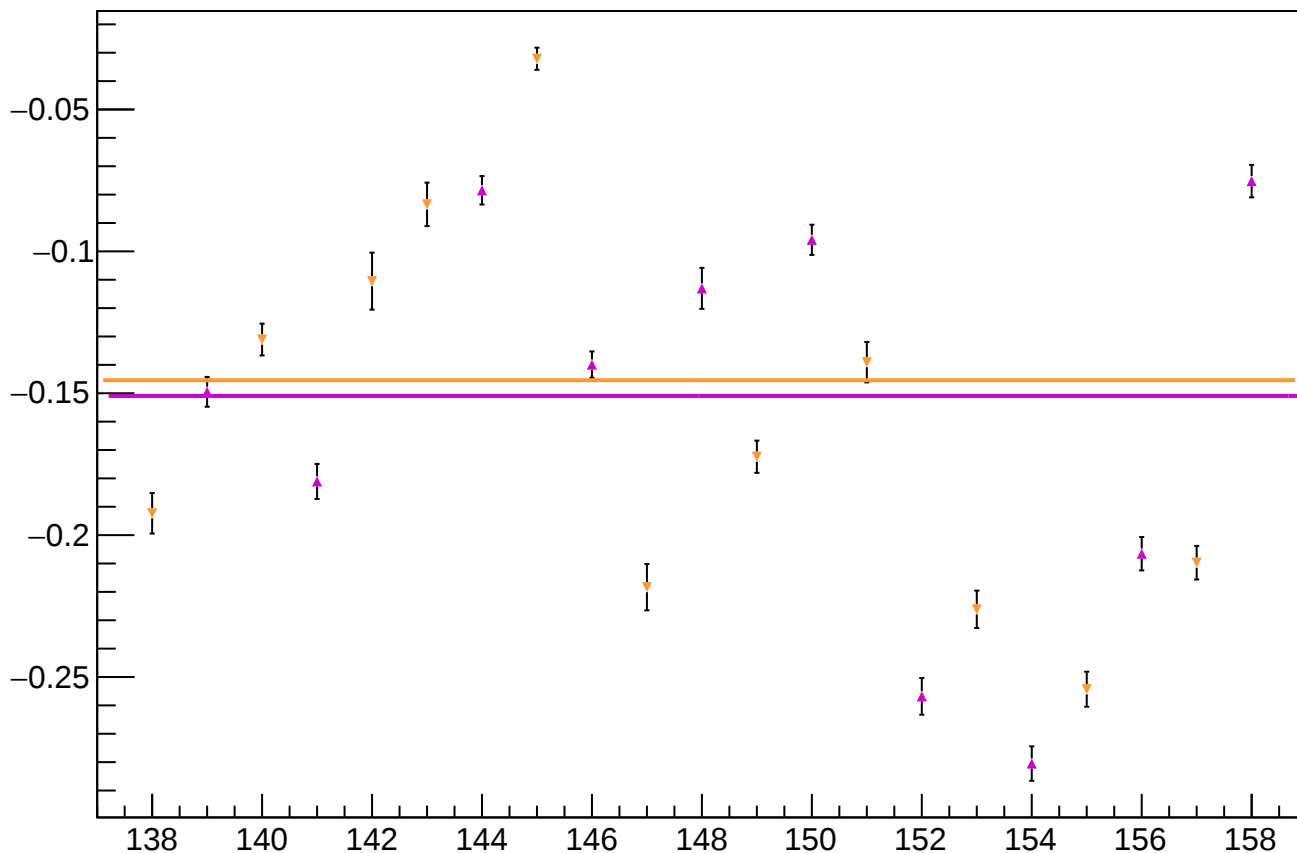
Left In: 19.073 $\pm$ 0.038 χ^2 /NDF:16532.7/9

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

All: 19.741 $\pm$ 0.027 χ^2 /NDF: 29915.4/20

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

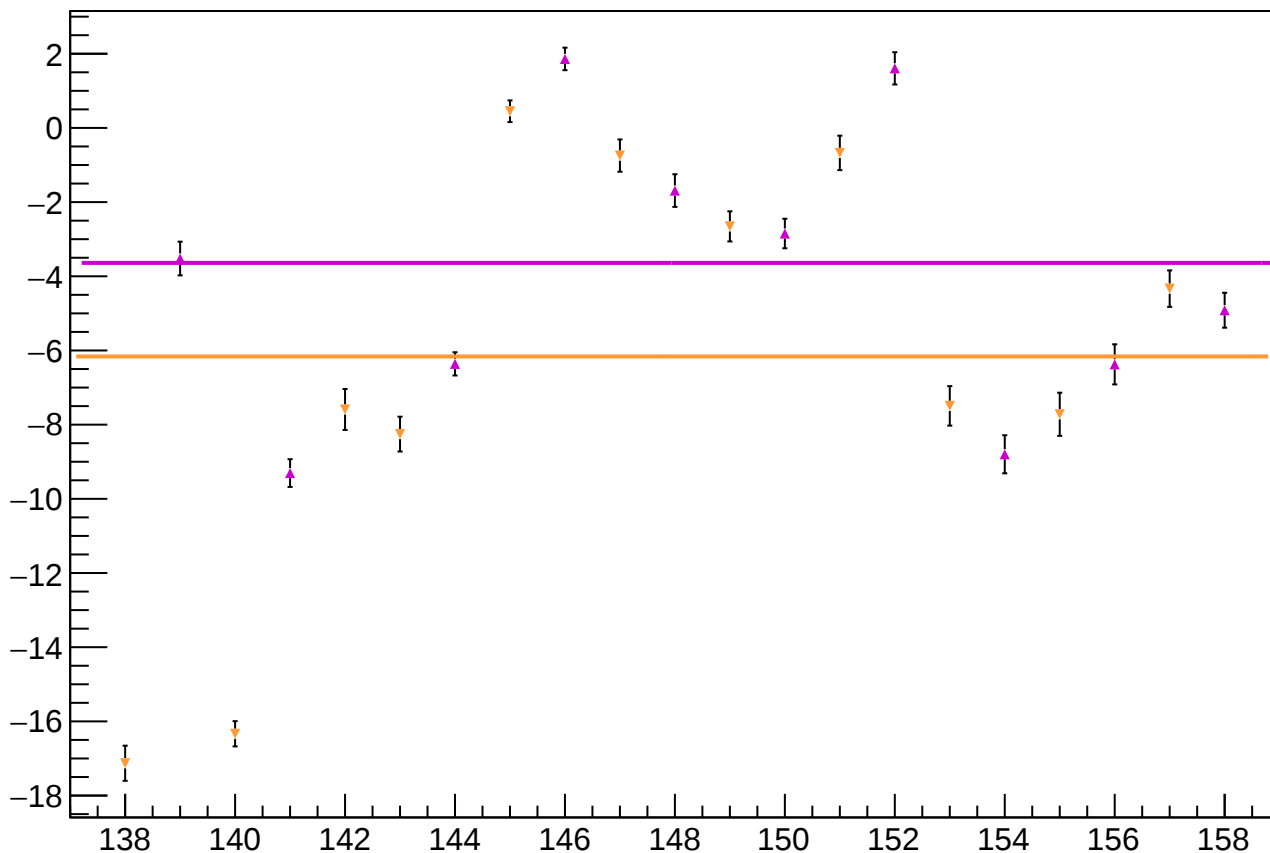
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.145 $\pm$ 0.002 χ^2 /NDF:1650.7/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.151 $\pm$ 0.002 χ^2 /NDF:1358.9/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.148 $\pm$ 0.001 χ^2 /NDF: 3014.2/20
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

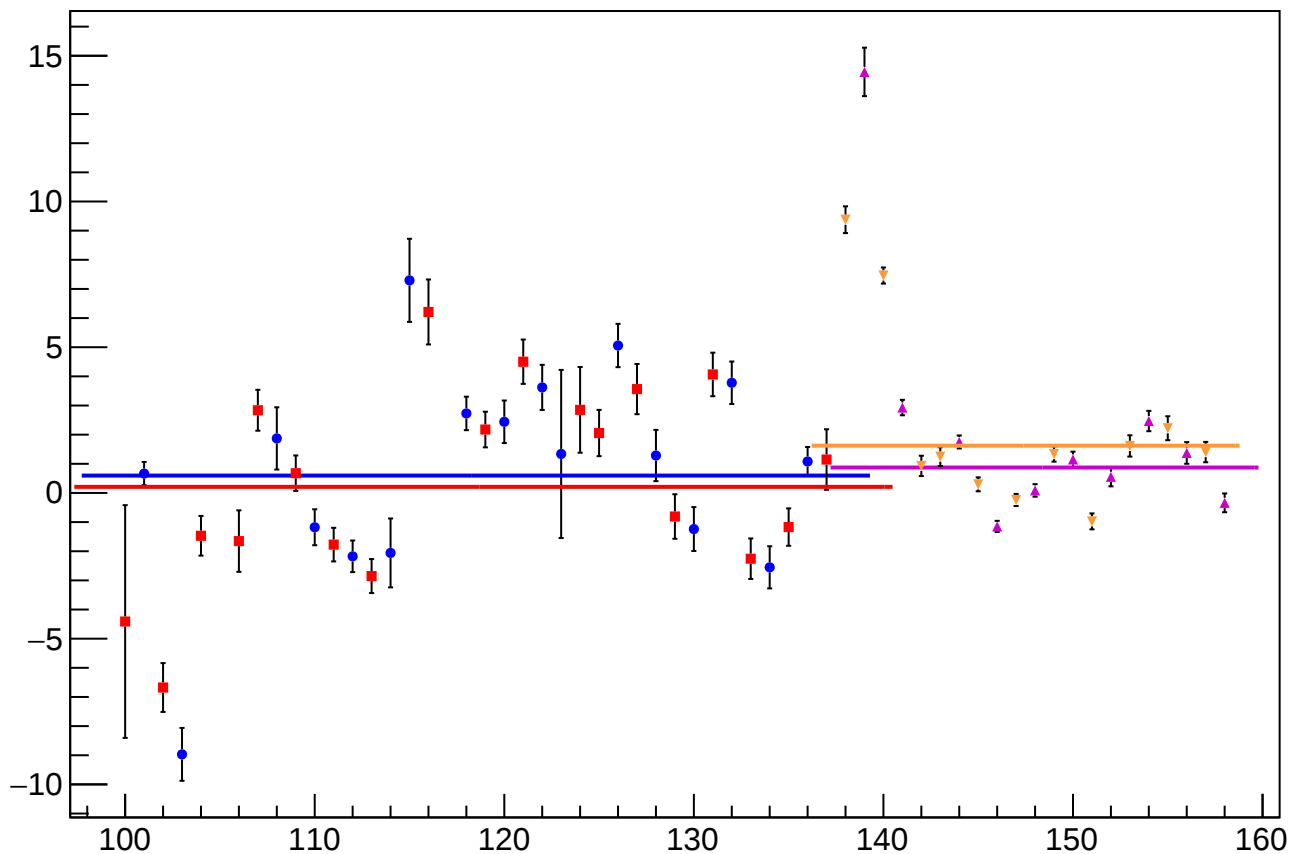
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.161+/-0.130 χ^2/NDF : 2366.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.639+/-0.127 χ^2/NDF : 937.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.876+/-0.091 χ^2/NDF : 3496.1/20
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 1.622 ± 0.089 χ^2/NDF : 942.1/10

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

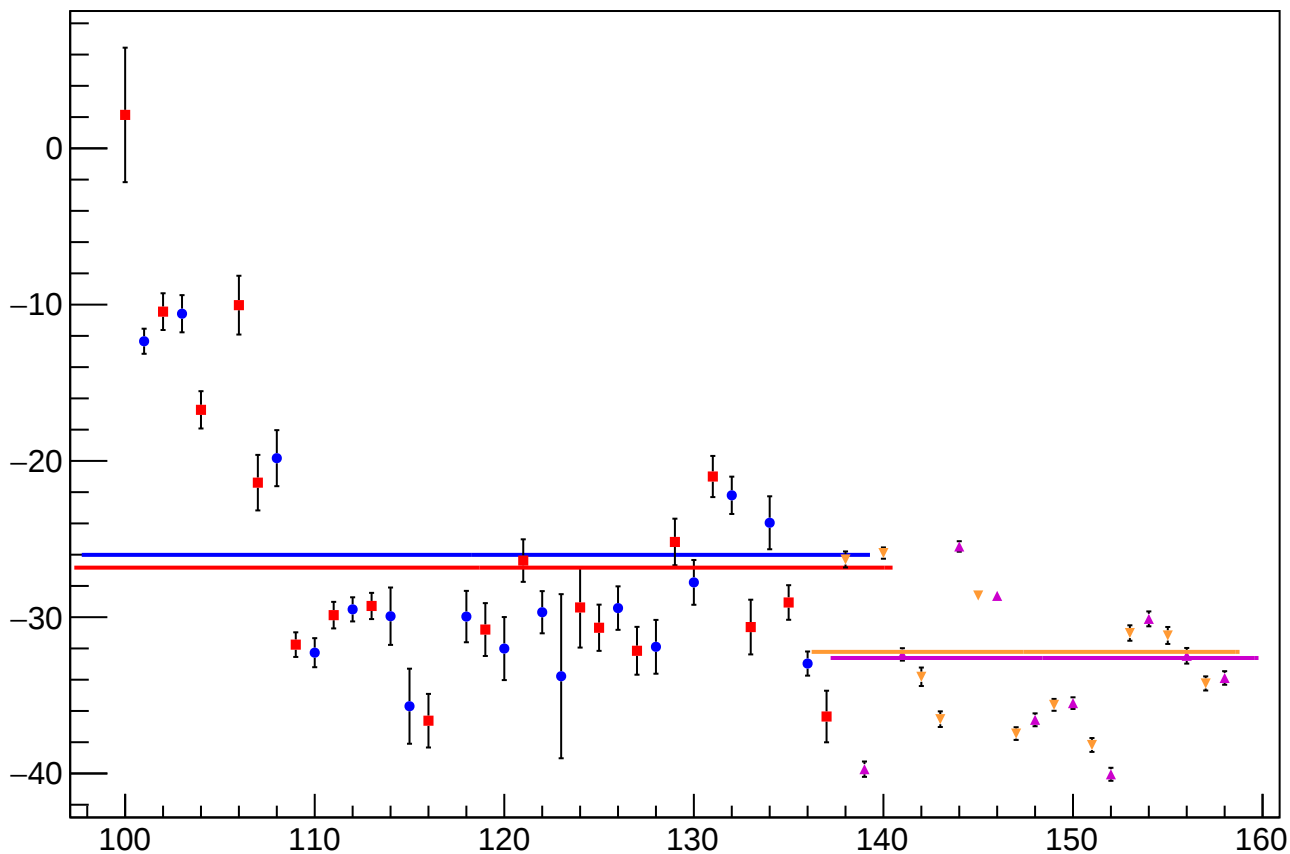
Left In: 0.872 ± 0.087 χ^2/NDF : 506.1/9

+ sign 1.399 ± 0.079 χ^2/NDF : 1262.2/27

All: 1.066 ± 0.055 χ^2/NDF : 2088.8/56

- sign 0.741 ± 0.078 χ^2/NDF : 791.2/28

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -32.219 ± 0.130 χ^2/NDF : 1109.5/10

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

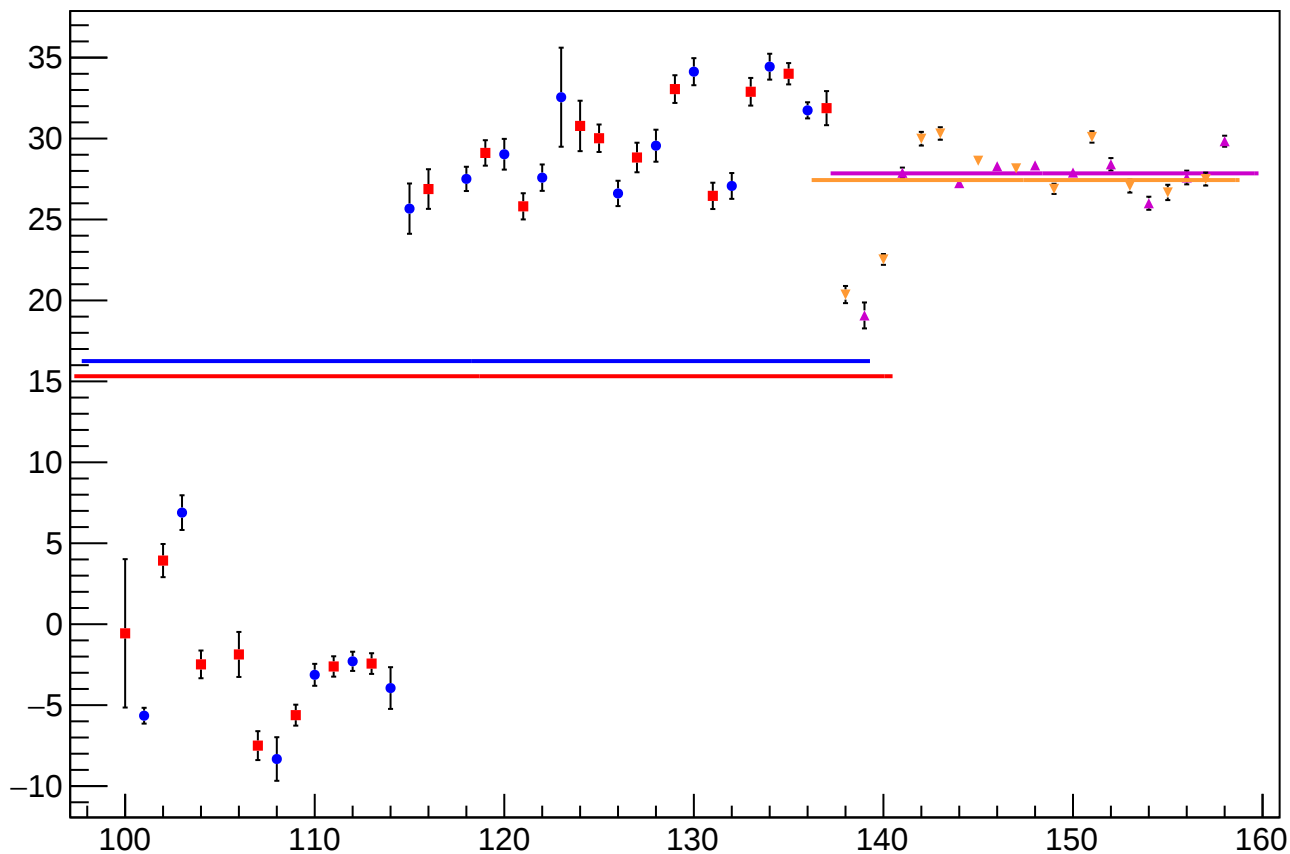
Left In: -32.611 ± 0.125 χ^2/NDF : 1356.6/9

+ sign -31.235 ± 0.119 χ^2/NDF : 2163.7/27

All: -31.495 ± 0.083 χ^2/NDF : 4431.9/56

- sign -31.739 ± 0.115 χ^2/NDF : 2259.0/28

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: 27.436 $\pm$ 0.108 χ^2 /NDF: 574.0/10

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

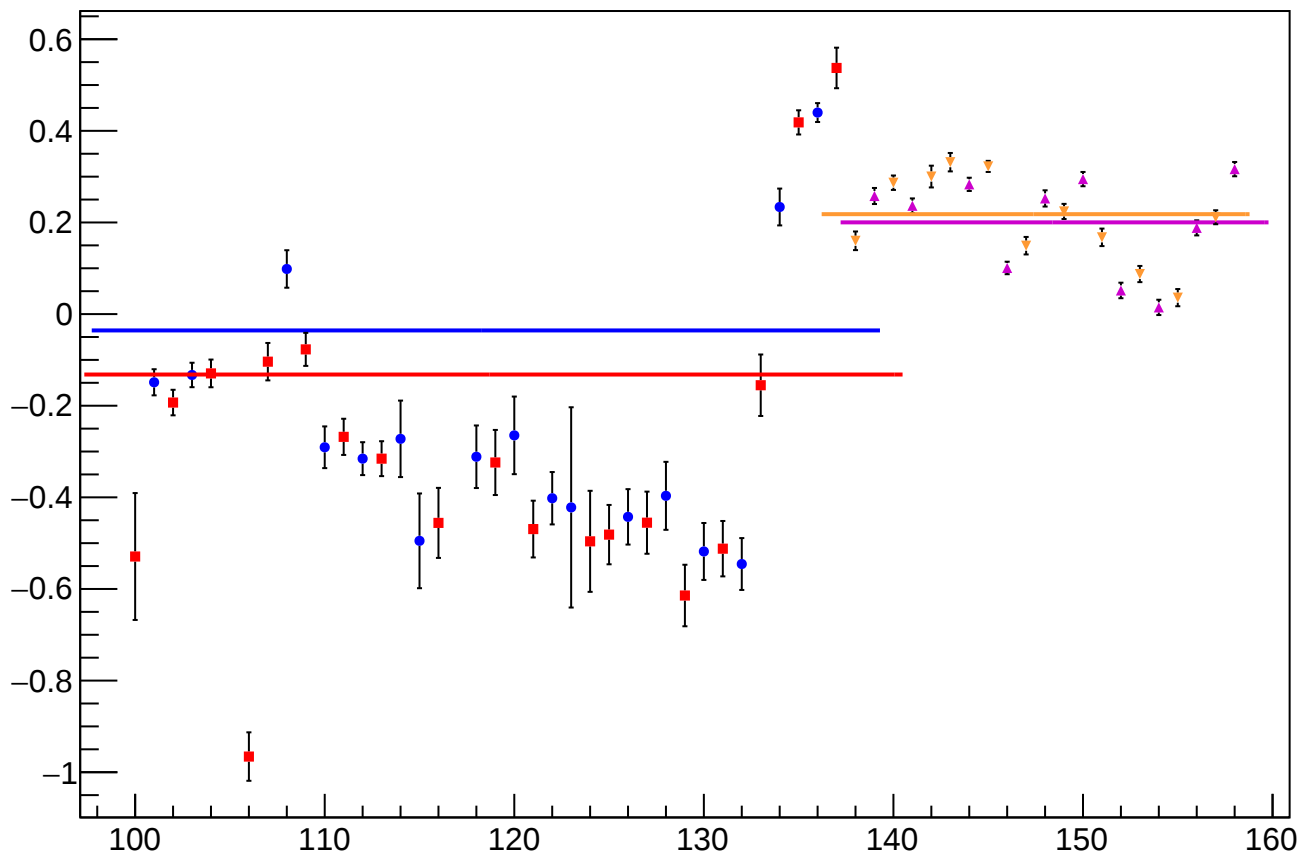
Left In: 27.850 $\pm$ 0.104 χ^2 /NDF: 188.6/9

+ sign 24.709 $\pm$ 0.094 χ^2 /NDF: 10776.6/27

All: 24.908 $\pm$ 0.066 χ^2 /NDF: 21412.5/56

- sign 25.098 $\pm$ 0.092 χ^2 /NDF: 10627.2/28

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.218 ± 0.005 χ^2/NDF : 314.0/10

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

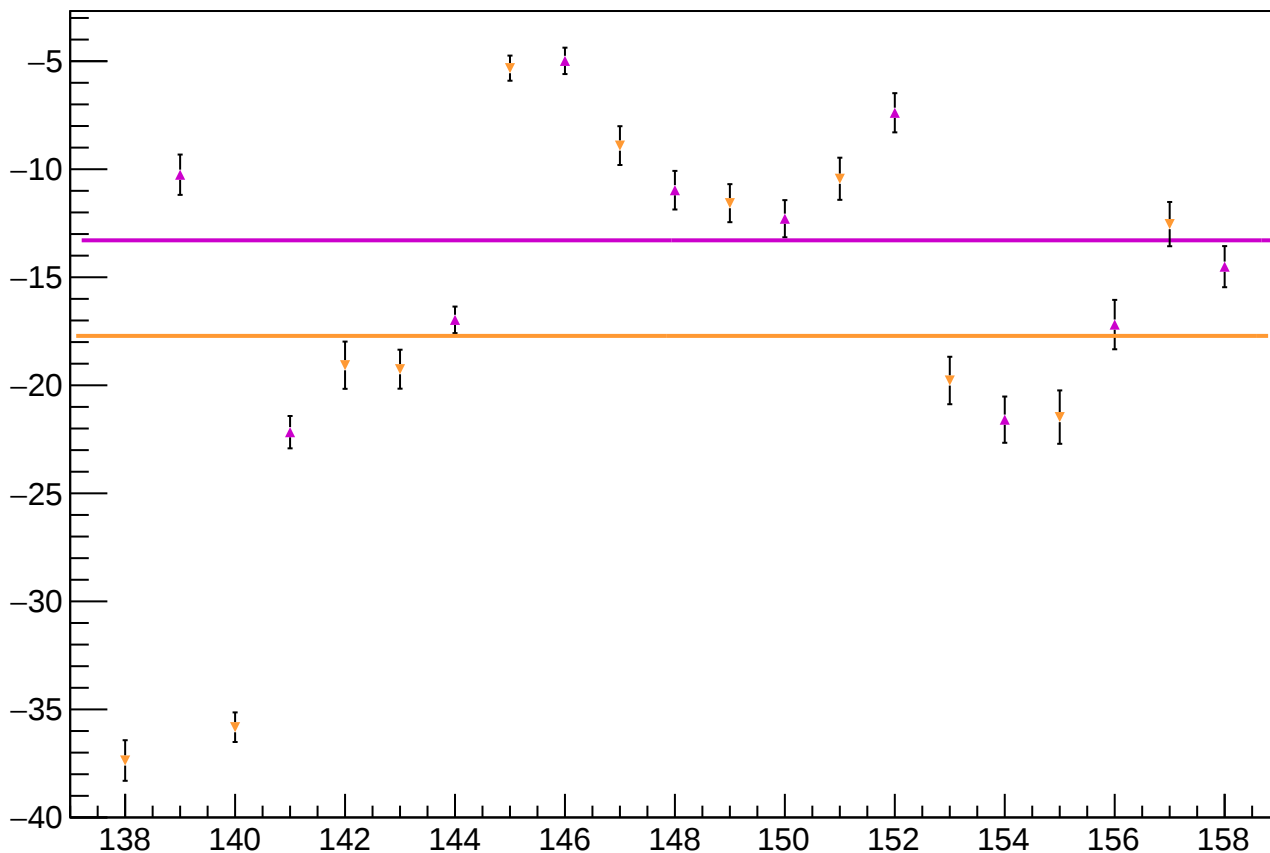
Left In: 0.200 ± 0.005 χ^2/NDF : 403.2/9

+ sign 0.167 ± 0.005 χ^2/NDF : 1811.3/27

All: 0.151 ± 0.003 χ^2/NDF : 4238.5/56

- sign 0.137 ± 0.005 χ^2/NDF : 2405.8/28

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.714+/-0.264 χ^2/NDF : 1834.3/10

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

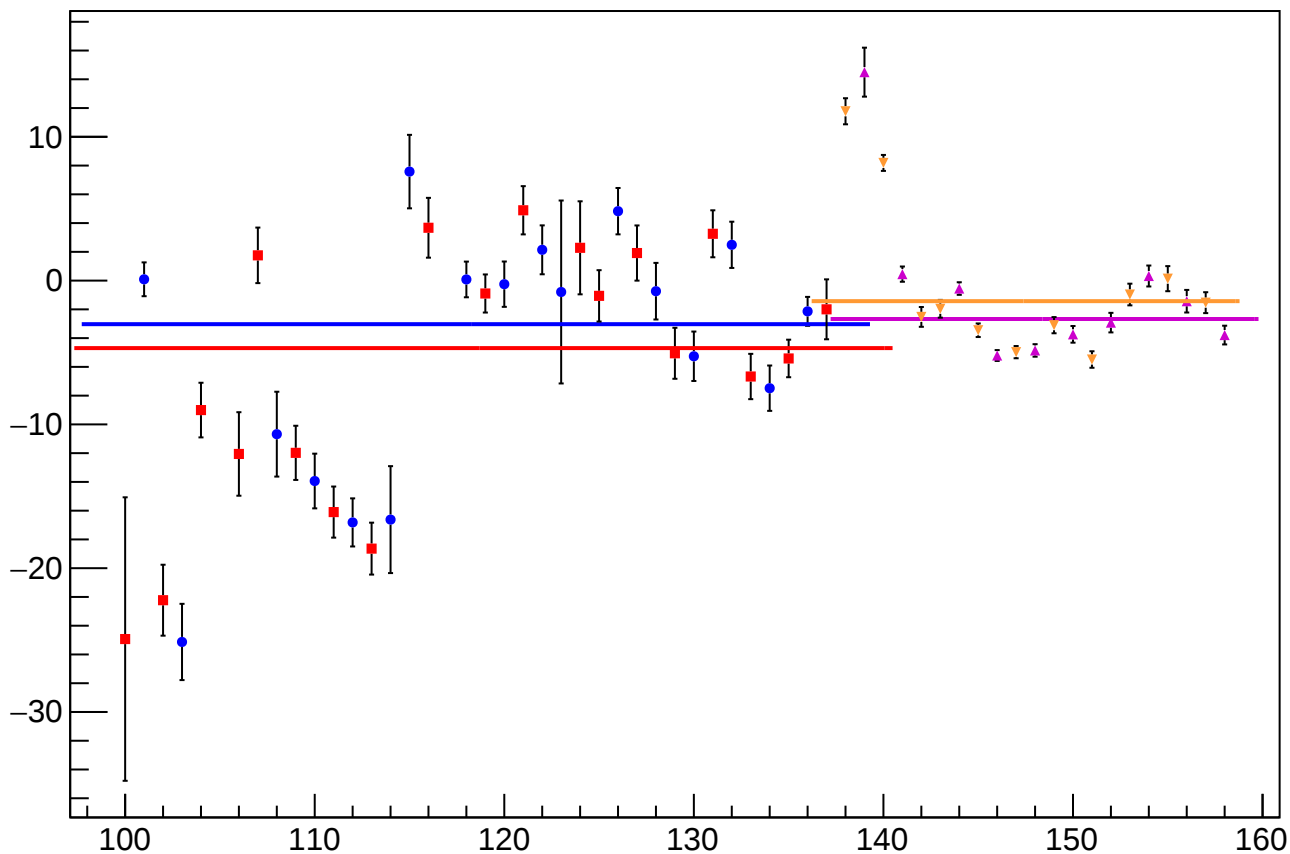
Left In: -13.291+/-0.260 χ^2/NDF : 496.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.462+/-0.185 χ^2/NDF : 2473.0/20

- 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 $\pm$ 0.408 χ^2 /NDF: 280.8/16

Left Out: -1.429 $\pm$ 0.182 χ^2 /NDF: 665.3/10

Right Out: -4.694 $\pm$ 0.427 χ^2 /NDF: 298.3/18

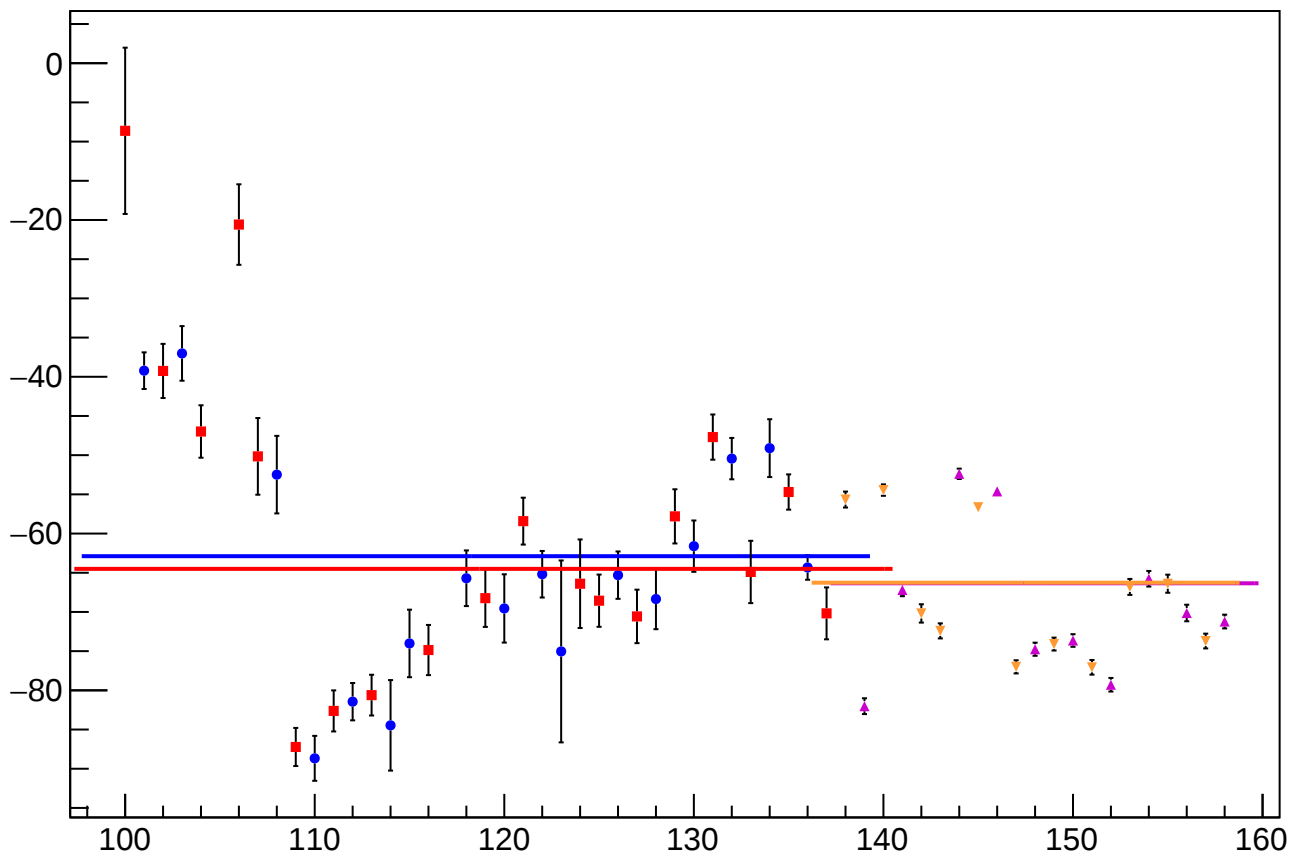
Left In: -2.670 $\pm$ 0.176 χ^2 /NDF: 256.0/9

+ sign -1.694 $\pm$ 0.166 χ^2 /NDF: 959.0/27

All: -2.342 $\pm$ 0.116 χ^2 /NDF: 1562.5/56

- sign -2.963 $\pm$ 0.162 χ^2 /NDF: 573.6/28

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: -66.266 ± 0.266 $\chi^2/\text{NDF}: 1117.4/10$

Right Out: -64.502 ± 0.751 $\chi^2/\text{NDF}: 444.1/18$

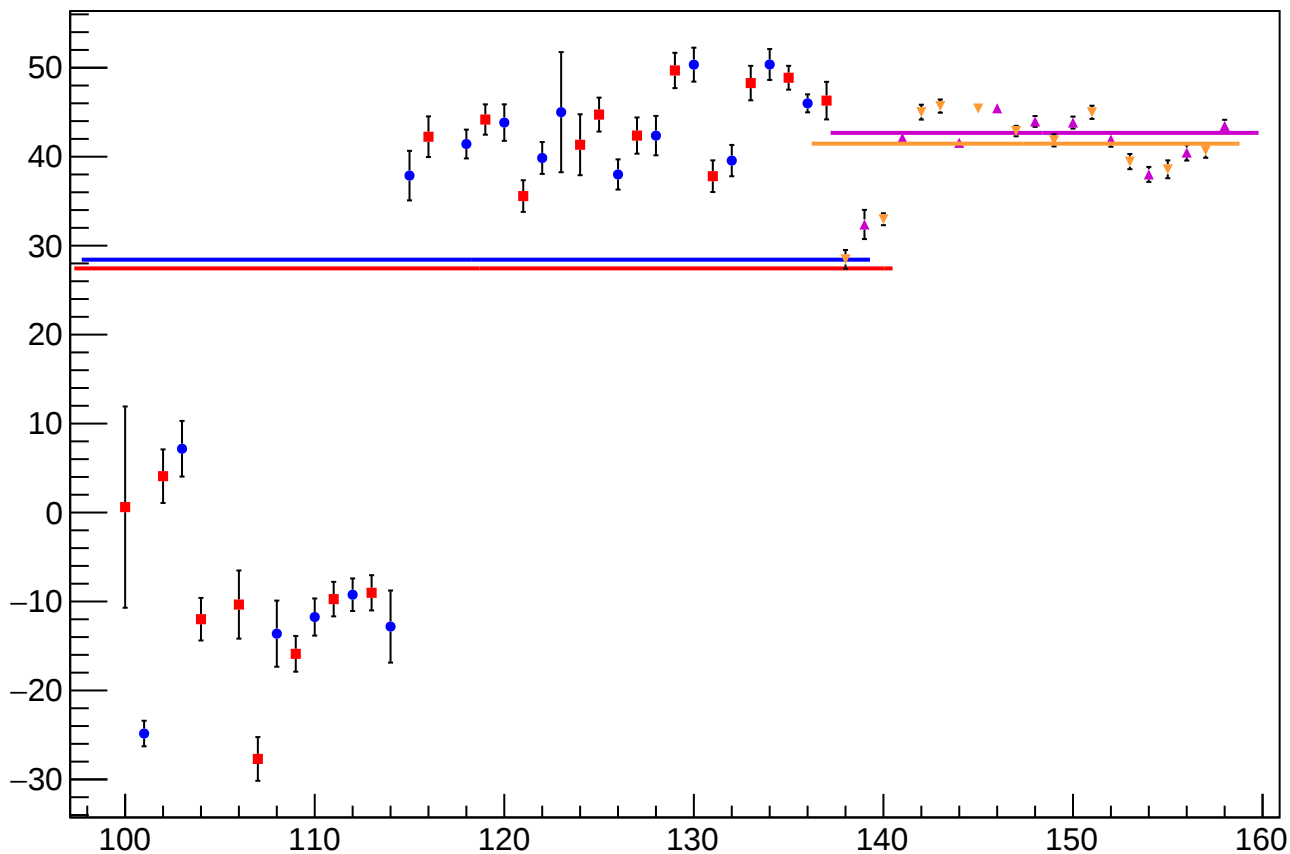
Left In: -66.344 ± 0.256 $\chi^2/\text{NDF}: 1542.8/9$

+ sign -65.878 ± 0.250 $\chi^2/\text{NDF}: 1504.7/27$

All: -66.020 ± 0.174 $\chi^2/\text{NDF}: 3497.6/56$

- sign -66.153 ± 0.242 $\chi^2/\text{NDF}: 1992.3/28$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 ± 0.457 $\chi^2/\text{NDF}: 3330.3/16$

Left Out: 41.463 ± 0.221 $\chi^2/\text{NDF}: 460.0/10$

Right Out: 27.441 ± 0.479 $\chi^2/\text{NDF}: 3033.0/18$

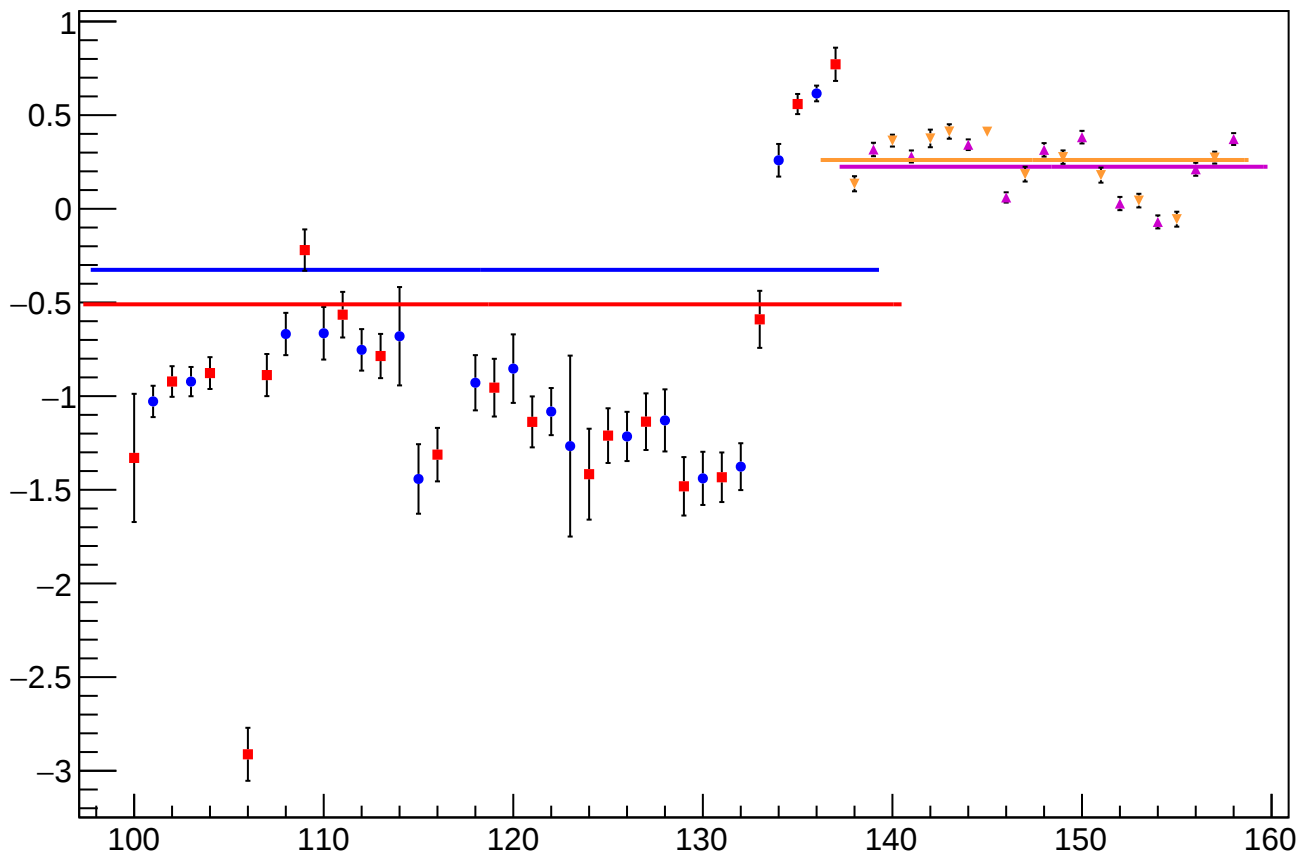
Left In: 42.677 ± 0.212 $\chi^2/\text{NDF}: 125.0/9$

+ sign 38.987 ± 0.199 $\chi^2/\text{NDF}: 4449.5/27$

All: 39.595 ± 0.139 $\chi^2/\text{NDF}: 8472.3/56$

- sign 40.172 ± 0.194 $\chi^2/\text{NDF}: 4004.6/28$

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.261 ± 0.011 χ^2/NDF : 187.1/10

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

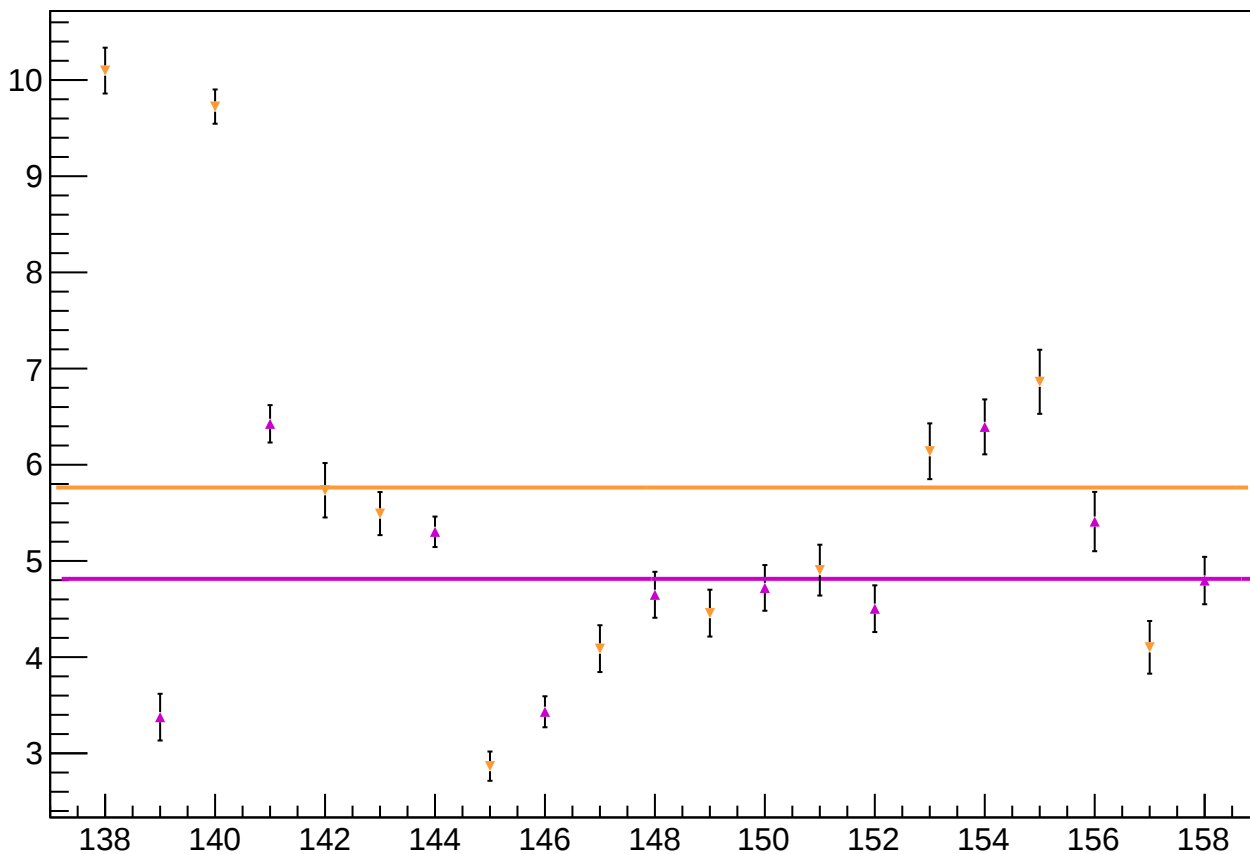
Left In: 0.225 ± 0.010 χ^2/NDF : 214.8/9

+ sign 0.170 ± 0.010 χ^2/NDF : 1669.4/27

All: 0.146 ± 0.007 χ^2/NDF : 3769.1/56

- sign 0.123 ± 0.010 χ^2/NDF : 2087.7/28

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 5.764 $\pm$ 0.069 χ^2 /NDF:1325.8/10

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

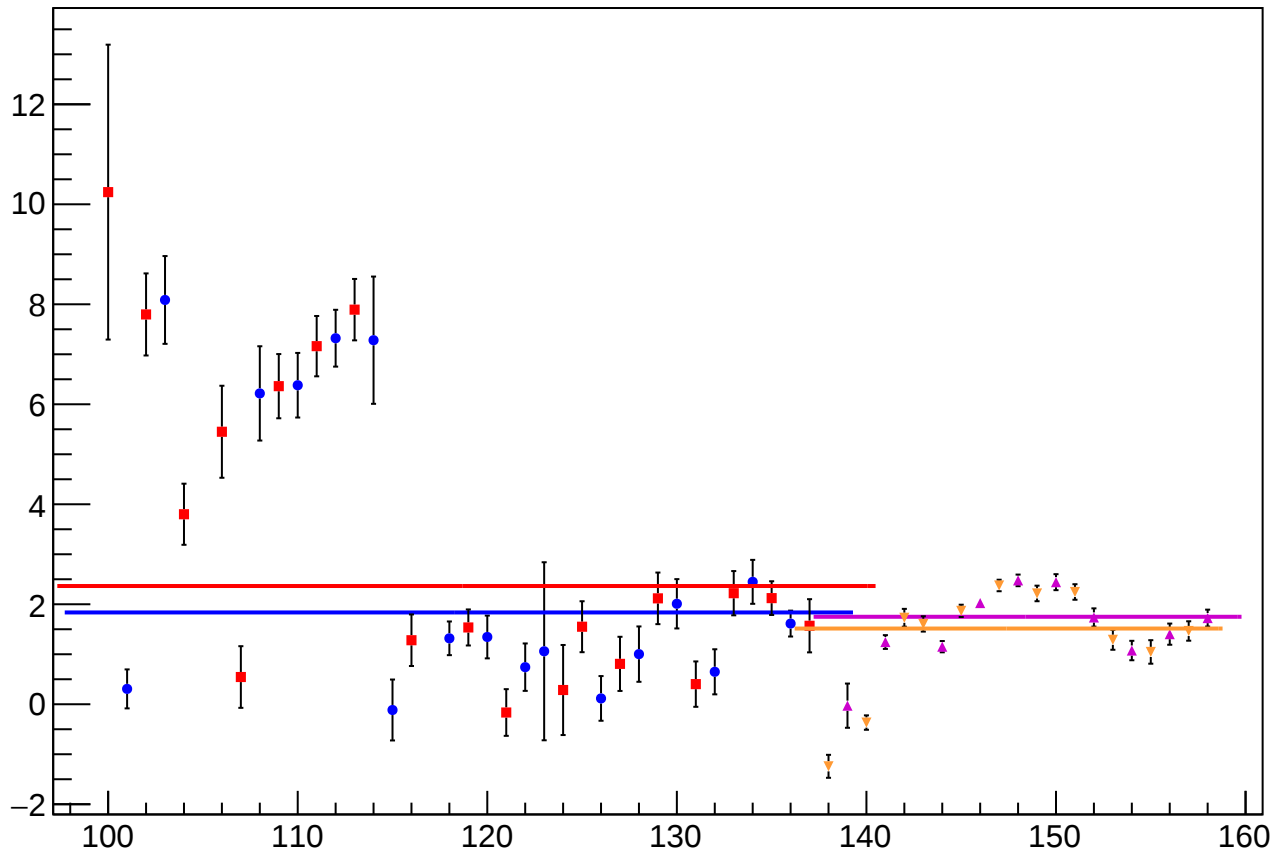
Left In: 4.814 $\pm$ 0.068 χ^2 /NDF:223.5/9

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

All: 5.282 $\pm$ 0.049 χ^2 /NDF: 1644.1/20

- sign 0.000 $\pm$ 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: 1.514 ± 0.048 χ^2/NDF : 427.8/10

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

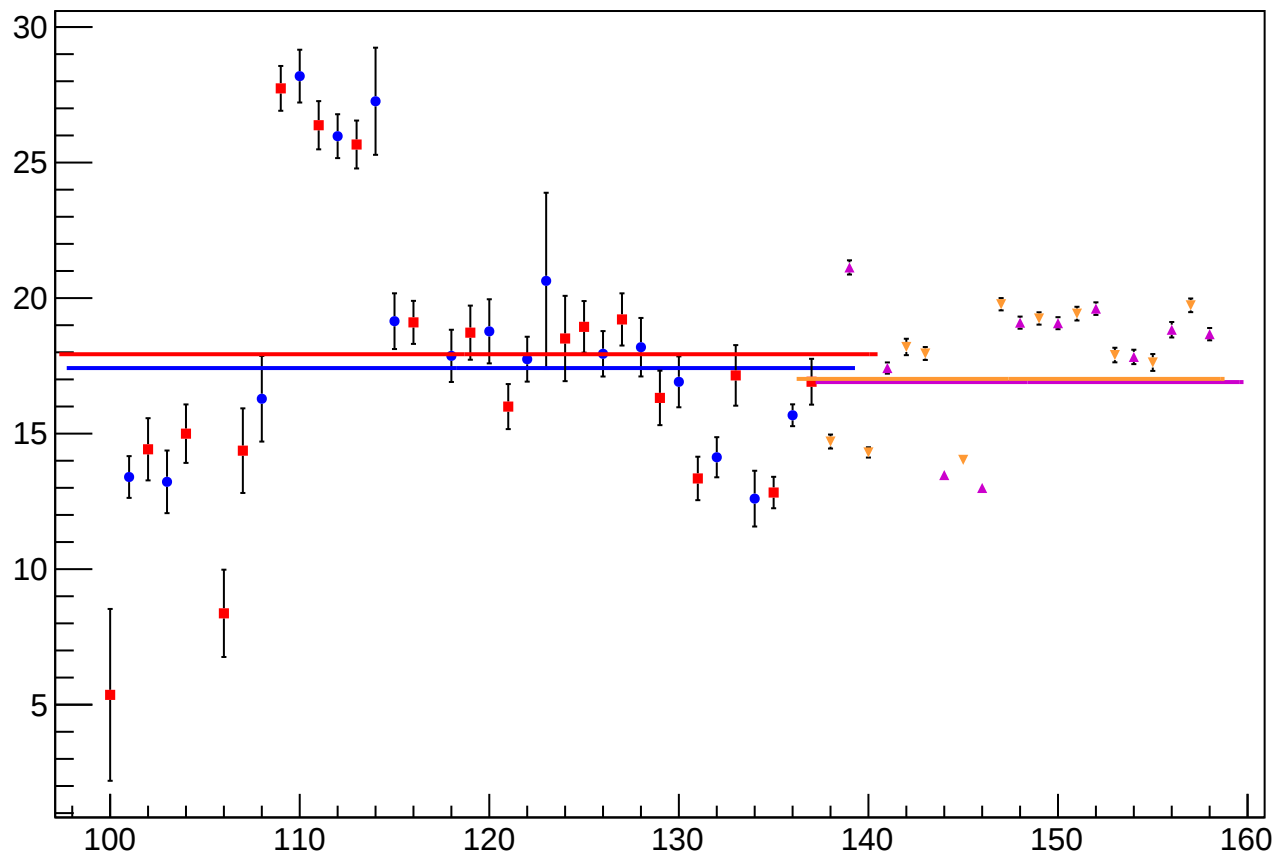
Left In: 1.750 ± 0.046 χ^2/NDF : 138.4/9

+ sign 1.561 ± 0.044 χ^2/NDF : 729.2/27

All: 1.697 ± 0.031 χ^2/NDF : 1244.3/56

- sign 1.826 ± 0.043 χ^2/NDF : 496.9/28

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418 ± 0.212 χ^2/NDF : 366.8/16

Left Out: 17.019 ± 0.070 χ^2/NDF : 1120.4/10

Right Out: 17.929 ± 0.219 χ^2/NDF : 506.3/18

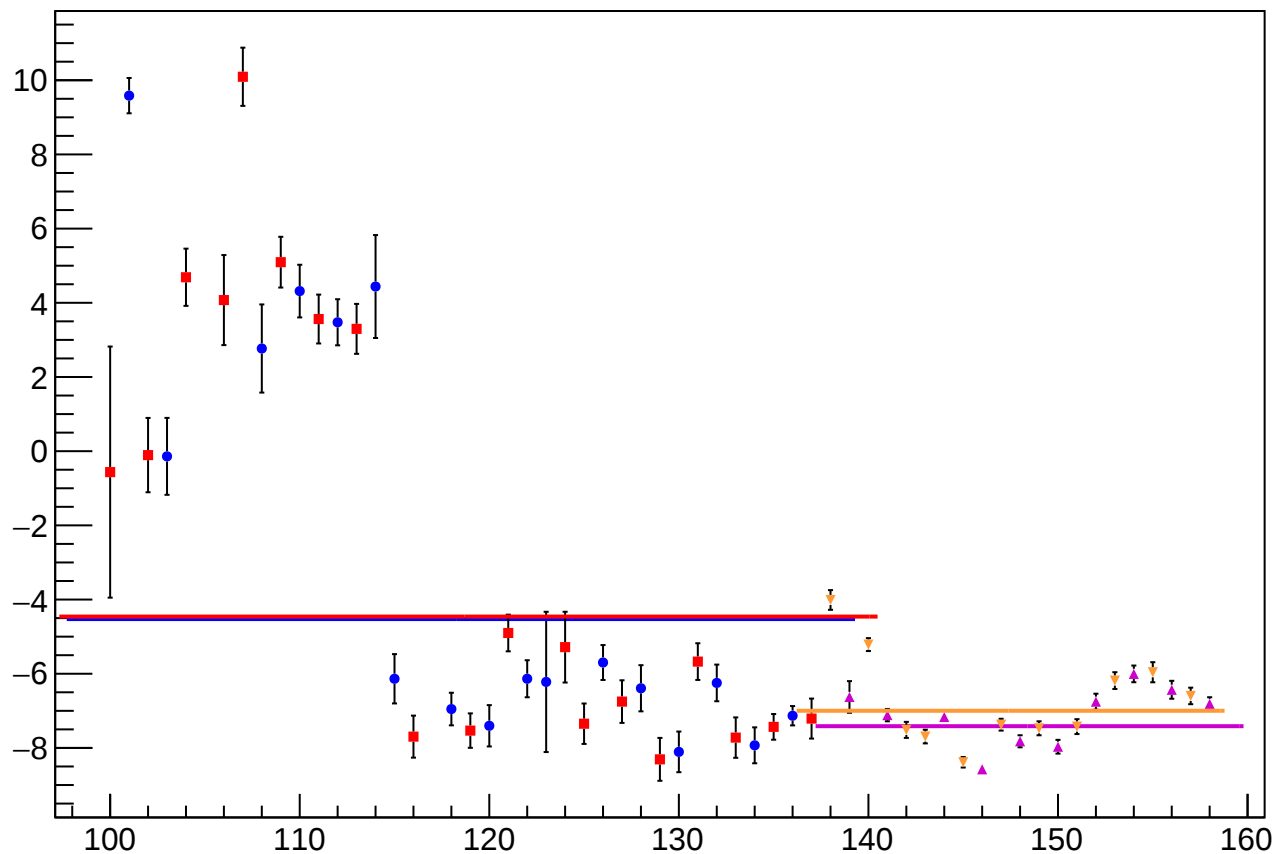
Left In: 16.902 ± 0.068 χ^2/NDF : 1758.2/9

+ sign 17.058 ± 0.067 χ^2/NDF : 1490.4/27

All: 17.024 ± 0.046 χ^2/NDF : 3775.6/56

- sign 16.991 ± 0.065 χ^2/NDF : 2284.6/28

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: -6.998 ± 0.058 χ^2/NDF : 393.8/10

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

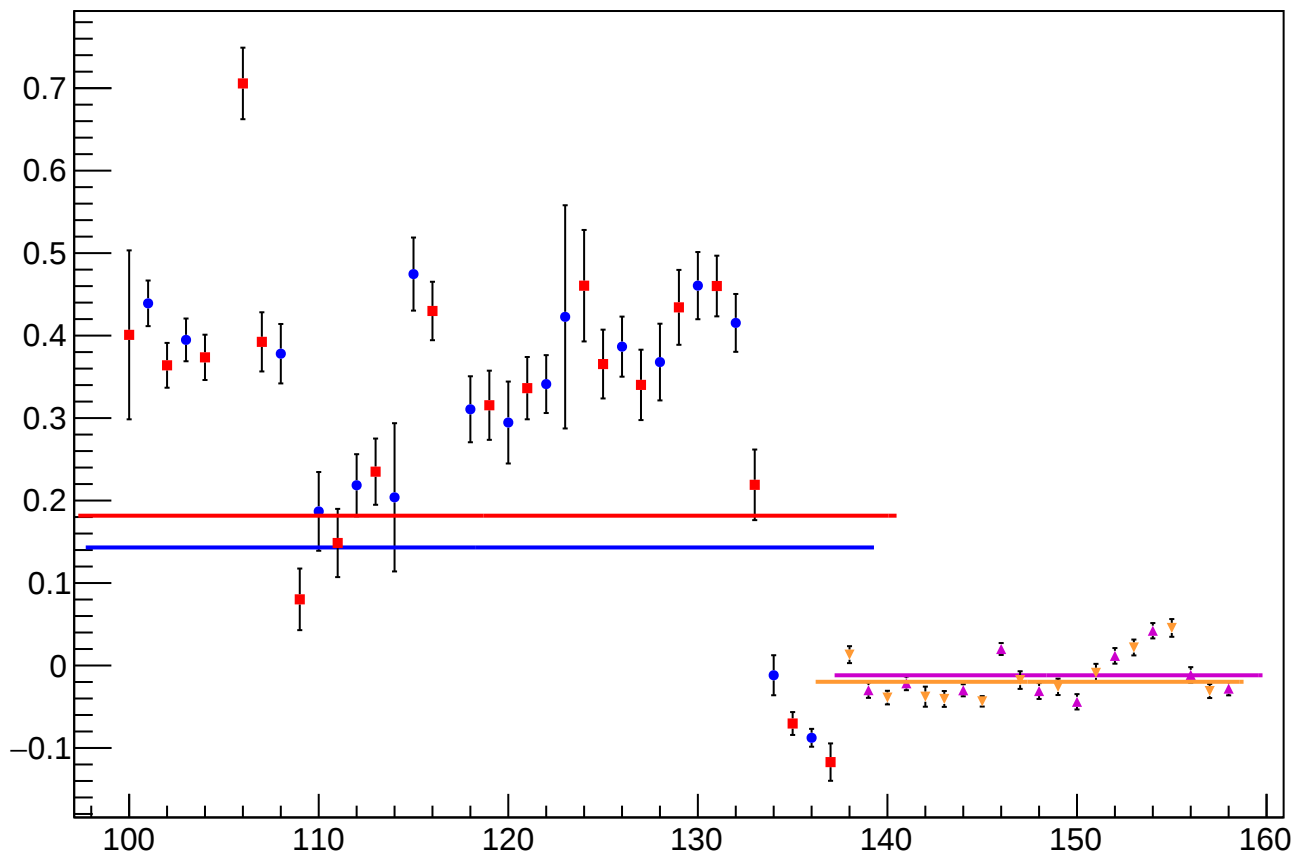
Left In: -7.414 ± 0.056 χ^2/NDF : 189.6/9

+ sign -6.580 ± 0.053 χ^2/NDF : 2286.7/27

All: -6.791 ± 0.037 χ^2/NDF : 4244.6/56

- sign -6.991 ± 0.052 χ^2/NDF : 1927.3/28

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1060.4/16$

Left Out: -0.020 ± 0.003 $\chi^2/\text{NDF}: 95.2/10$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

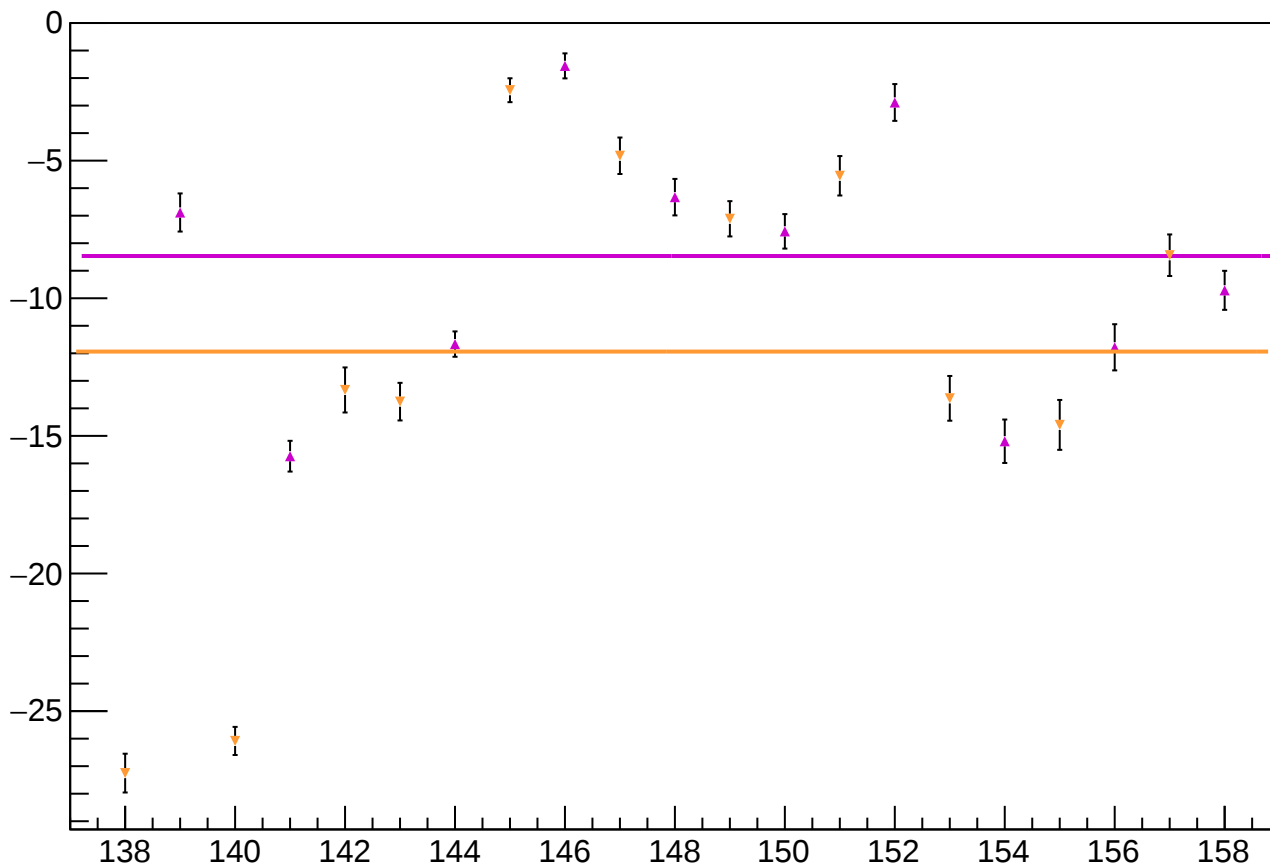
Left In: -0.012 ± 0.003 $\chi^2/\text{NDF}: 90.3/9$

+ sign 0.002 ± 0.003 $\chi^2/\text{NDF}: 1616.2/27$

All: 0.007 ± 0.002 $\chi^2/\text{NDF}: 3324.4/56$

- sign 0.011 ± 0.003 $\chi^2/\text{NDF}: 1702.4/28$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -11.937+/-0.196 χ^2/NDF : 2014.4/10

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

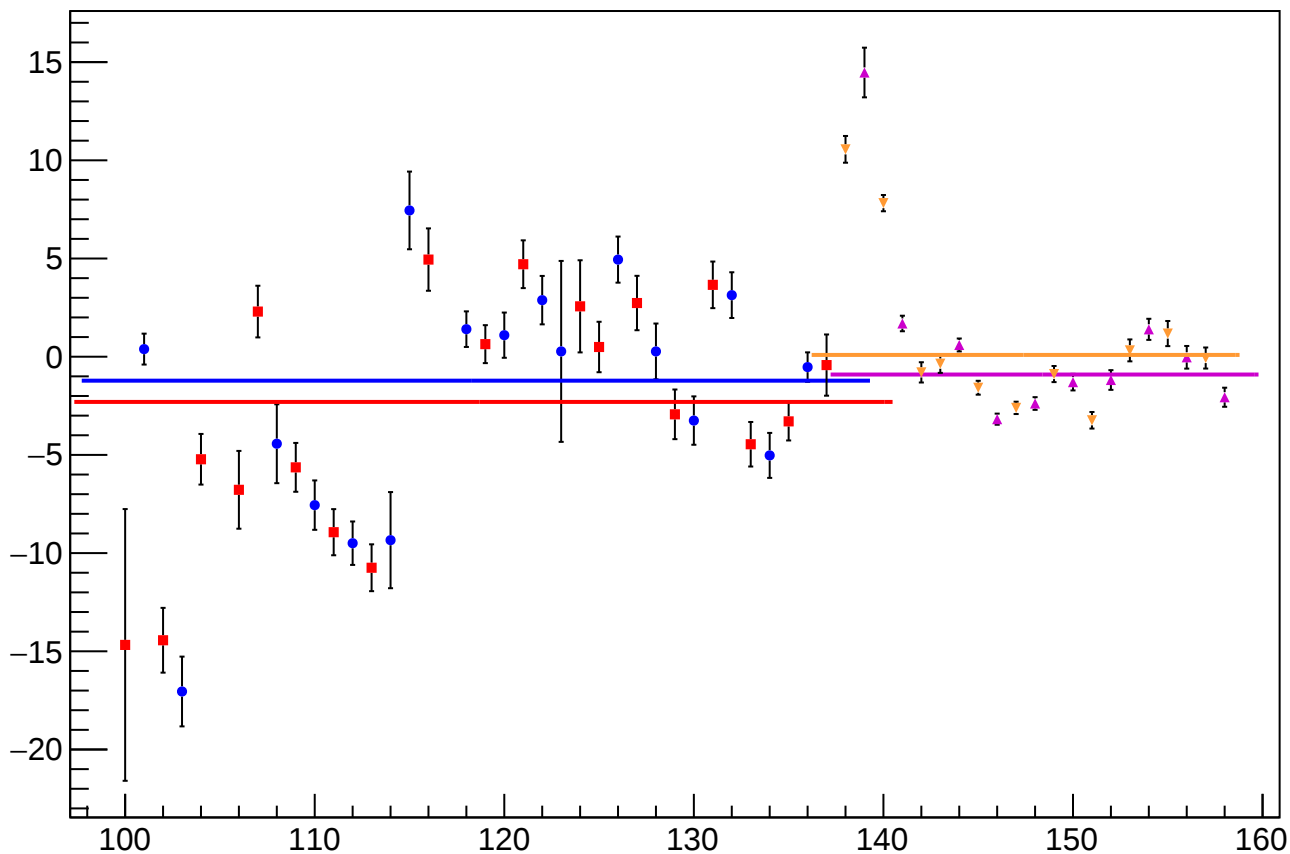
Left In: -8.465+/-0.193 χ^2/NDF : 627.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.169+/-0.138 χ^2/NDF : 2801.1/20

- 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: 0.091 ± 0.135 χ^2/NDF : 755.2/10

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

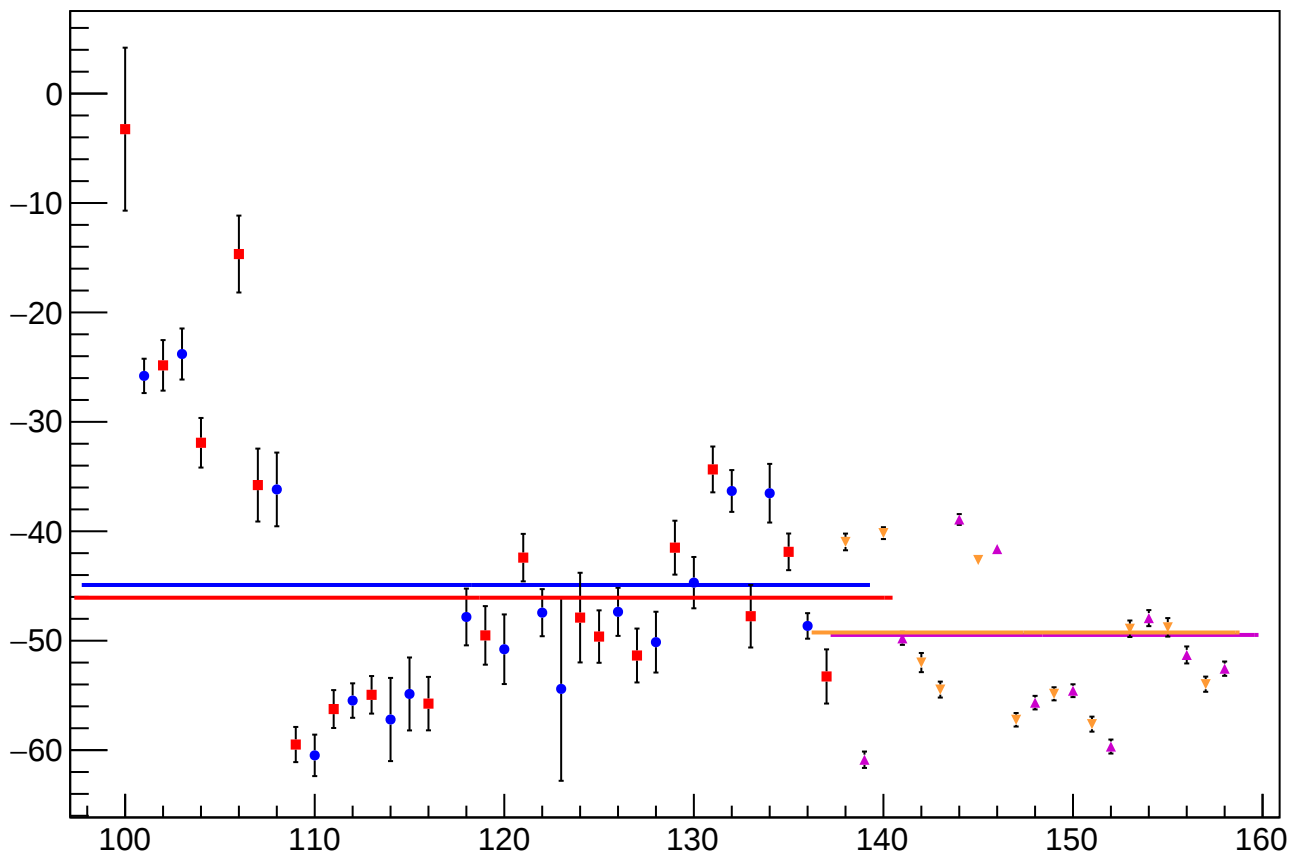
Left In: -0.907 ± 0.131 χ^2/NDF : 324.9/9

+ sign -0.142 ± 0.122 χ^2/NDF : 1050.6/27

All: -0.643 ± 0.086 χ^2/NDF : 1712.8/56

- sign -1.127 ± 0.120 χ^2/NDF : 629.1/28

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -49.250 ± 0.197 χ^2/NDF : 1114.4/10

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

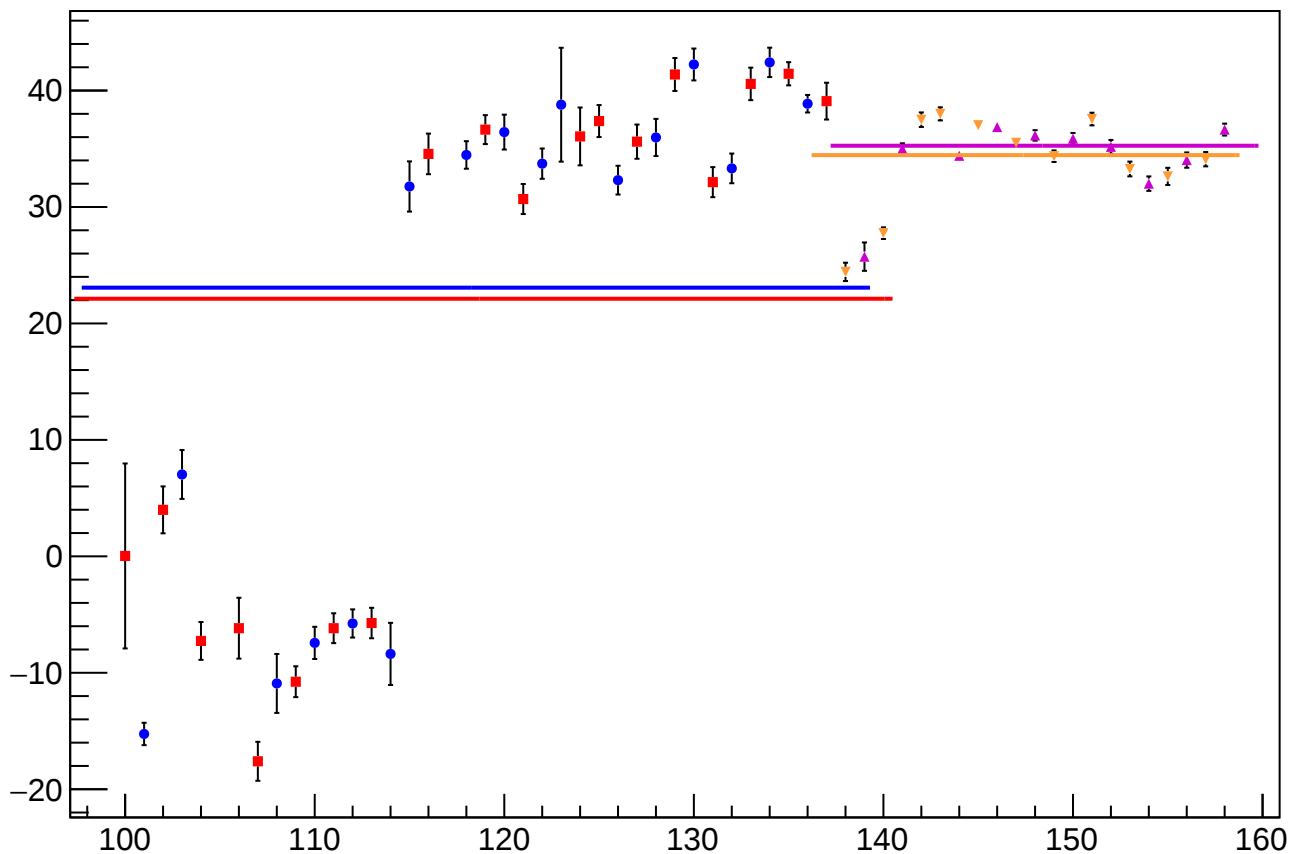
Left In: -49.473 ± 0.190 χ^2/NDF : 1473.1/9

+ sign -48.709 ± 0.184 χ^2/NDF : 1596.0/27

All: -48.903 ± 0.128 χ^2/NDF : 3562.0/56

- sign -49.084 ± 0.179 χ^2/NDF : 1963.8/28

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: 34.454 $\pm$ 0.164 χ^2 /NDF:492.7/10

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

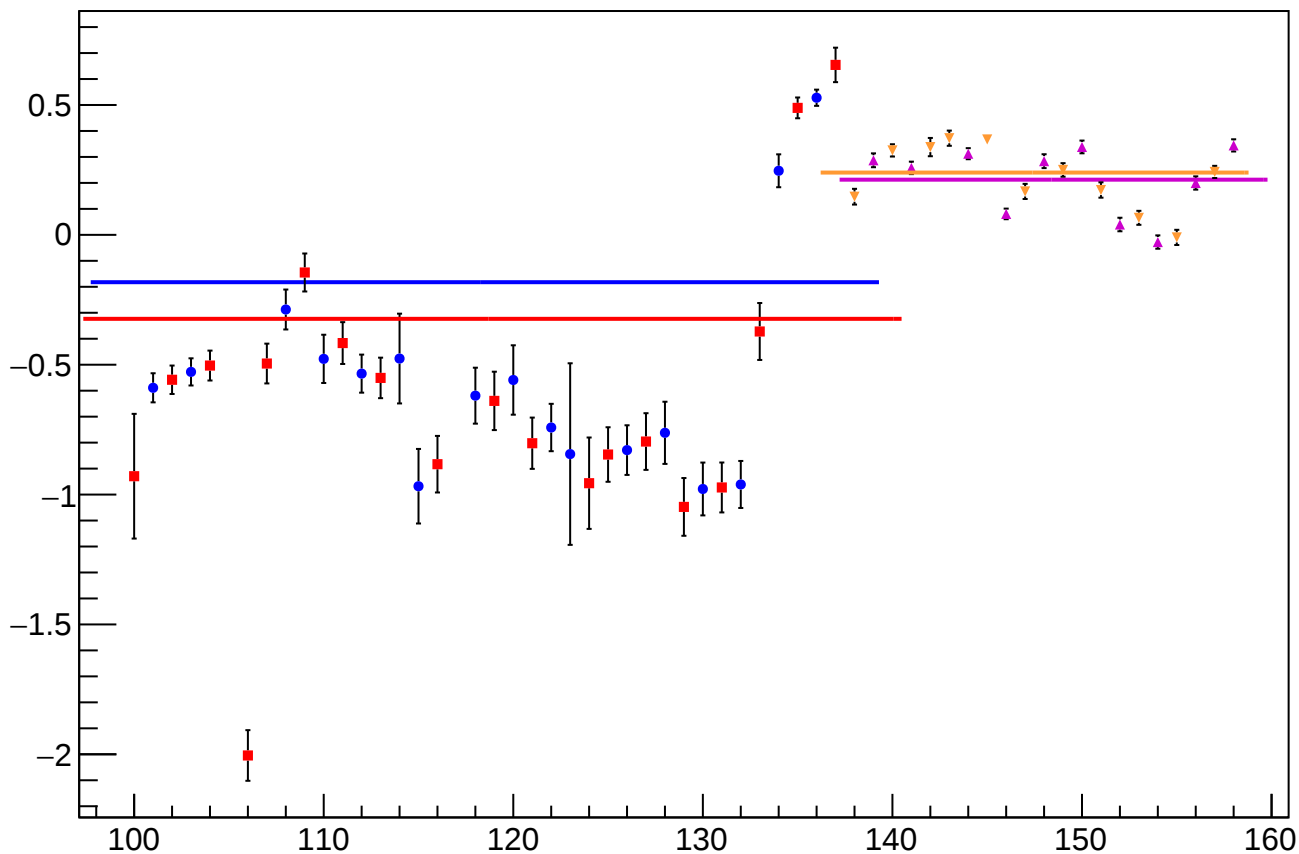
Left In: 35.262 $\pm$ 0.158 χ^2 /NDF:130.3/9

+ sign 32.151 $\pm$ 0.147 χ^2 /NDF: 5810.8/27

All: 32.552 $\pm$ 0.102 χ^2 /NDF: 11219.8/56

- sign 32.933 $\pm$ 0.143 χ^2 /NDF: 5394.4/28

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.240 ± 0.008 χ^2/NDF : 226.6/10

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

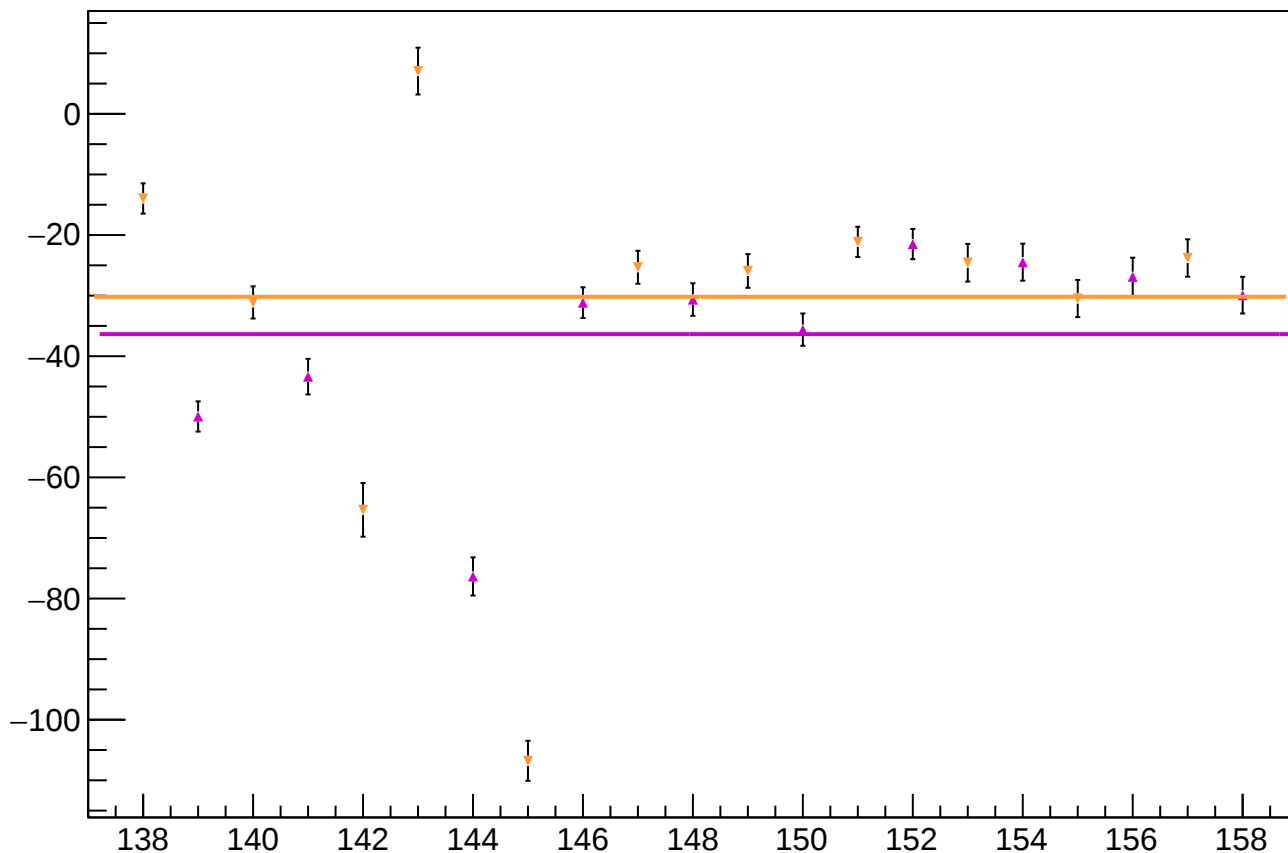
Left In: 0.212 ± 0.008 χ^2/NDF : 271.3/9

+ sign 0.170 ± 0.007 χ^2/NDF : 1698.1/27

All: 0.151 ± 0.005 χ^2/NDF : 3907.6/56

- sign 0.132 ± 0.007 χ^2/NDF : 2195.1/28

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -30.186+/-0.894 χ^2/NDF : 764.6/10

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

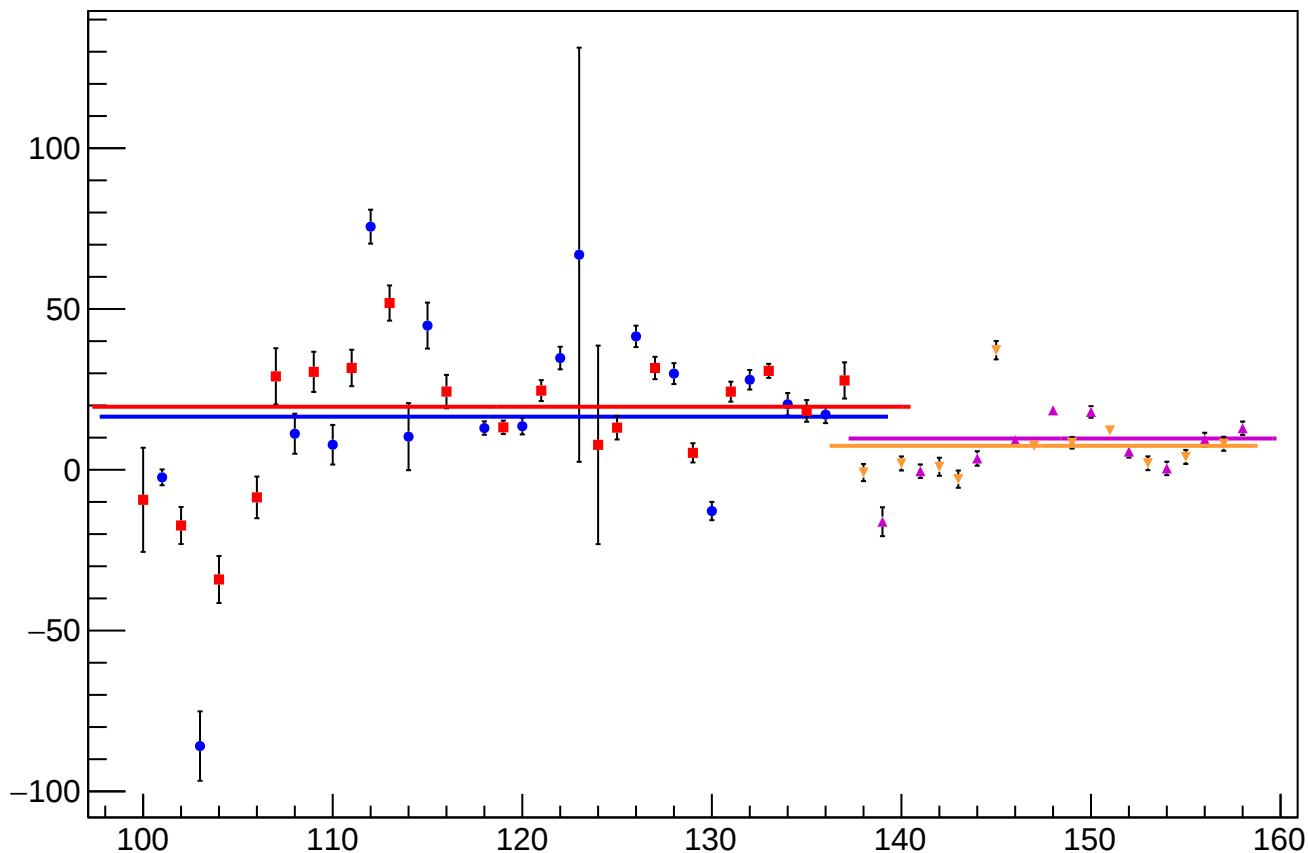
Left In: -36.353+/-0.881 χ^2/NDF : 269.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.314+/-0.627 χ^2/NDF : 1058.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 $\pm$ 0.847 χ^2 /NDF: 519.6/16

Left Out: 7.446 $\pm$ 0.599 χ^2 /NDF: 165.1/10

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

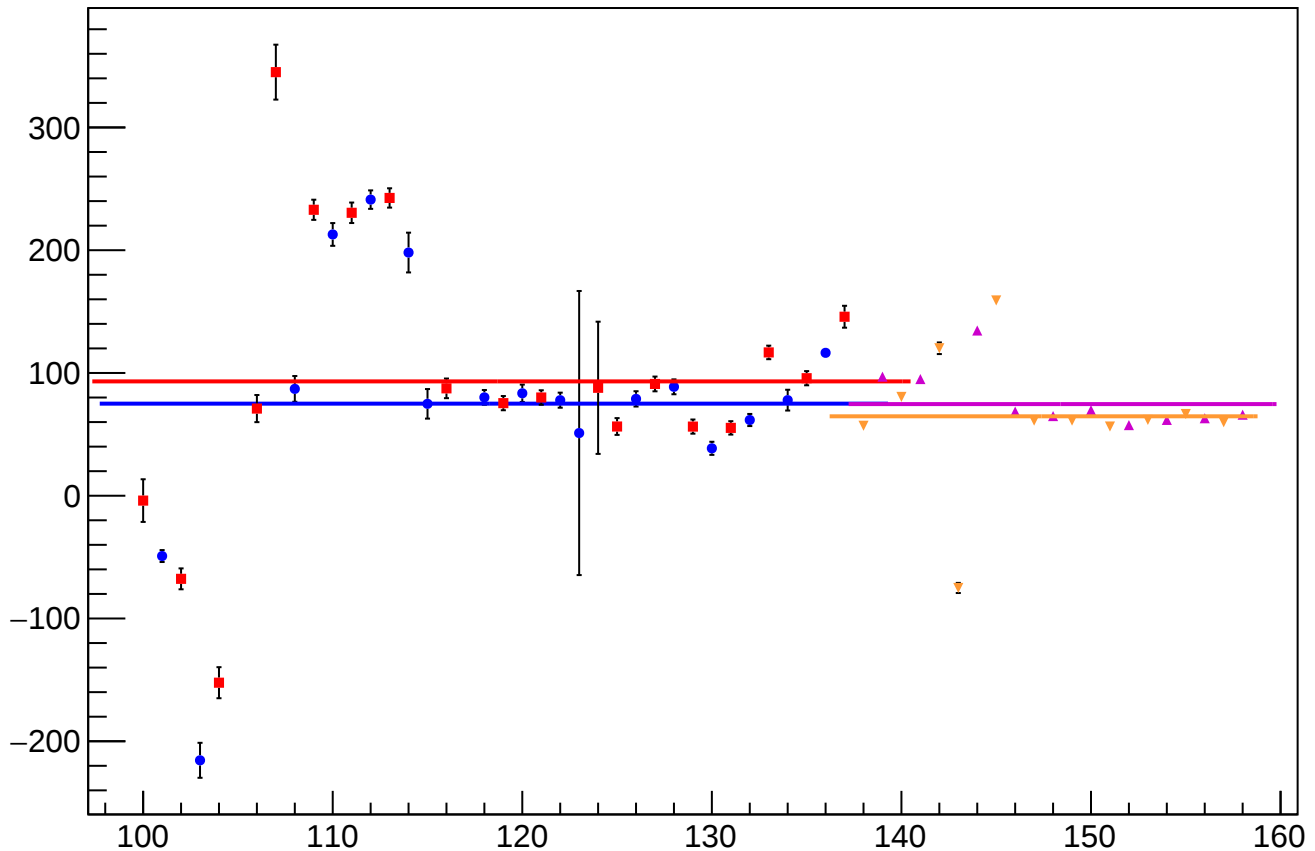
Left In: 9.727 $\pm$ 0.601 χ^2 /NDF: 156.7/9

+ sign 10.468 $\pm$ 0.489 χ^2 /NDF: 761.1/27

All: 11.600 $\pm$ 0.350 χ^2 /NDF: 1254.2/56

- sign 12.779 $\pm$ 0.499 χ^2 /NDF: 482.2/28

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 64.696 $\pm$ 0.879 χ^2 /NDF: 2105.2/10

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

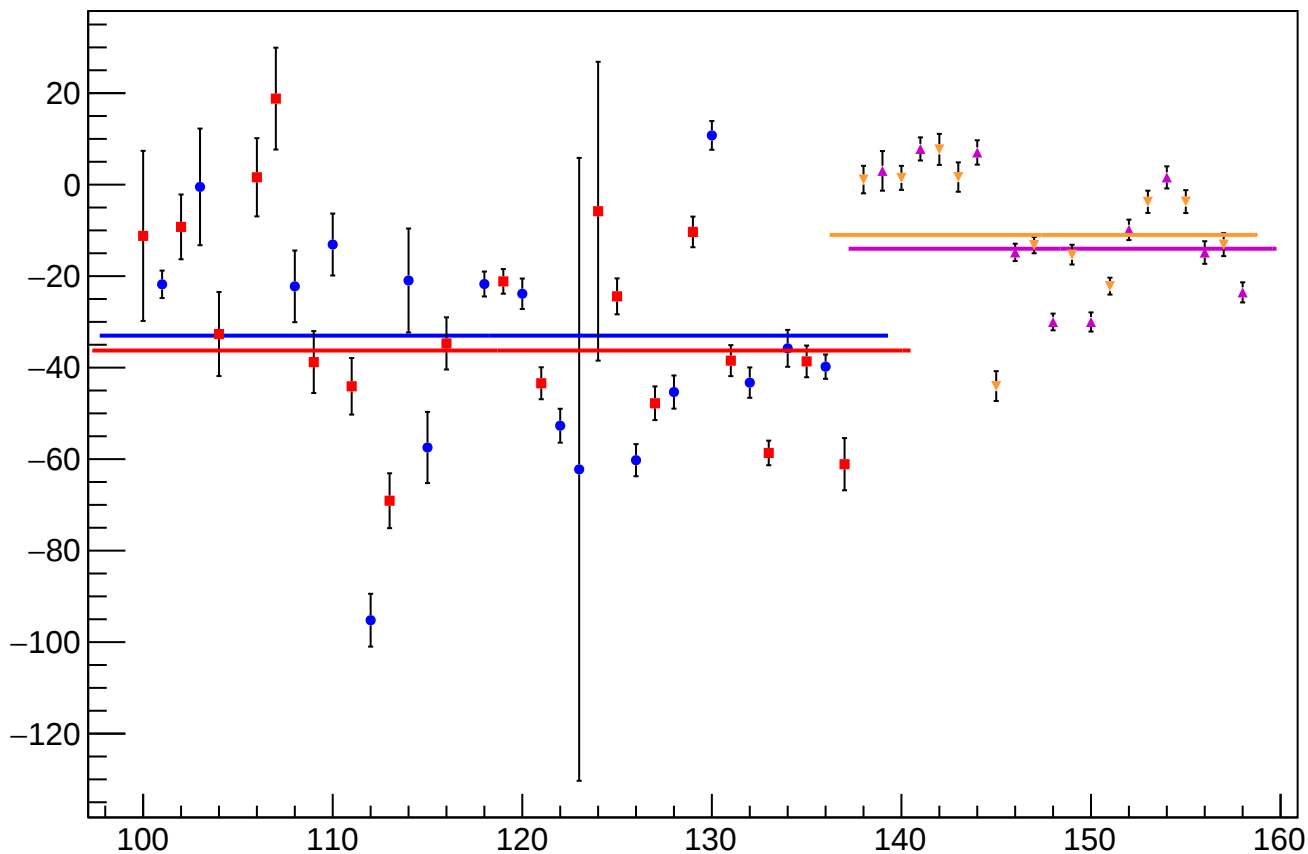
Left In: 74.653 $\pm$ 0.857 χ^2 /NDF: 549.6/9

+ sign 67.006 $\pm$ 0.774 χ^2 /NDF: 4135.4/27

All: 72.742 $\pm$ 0.545 χ^2 /NDF: 6889.2/56

- sign 78.363 $\pm$ 0.767 χ^2 /NDF: 2645.2/28

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -10.983 ± 0.736 χ^2/NDF : 247.8/10

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

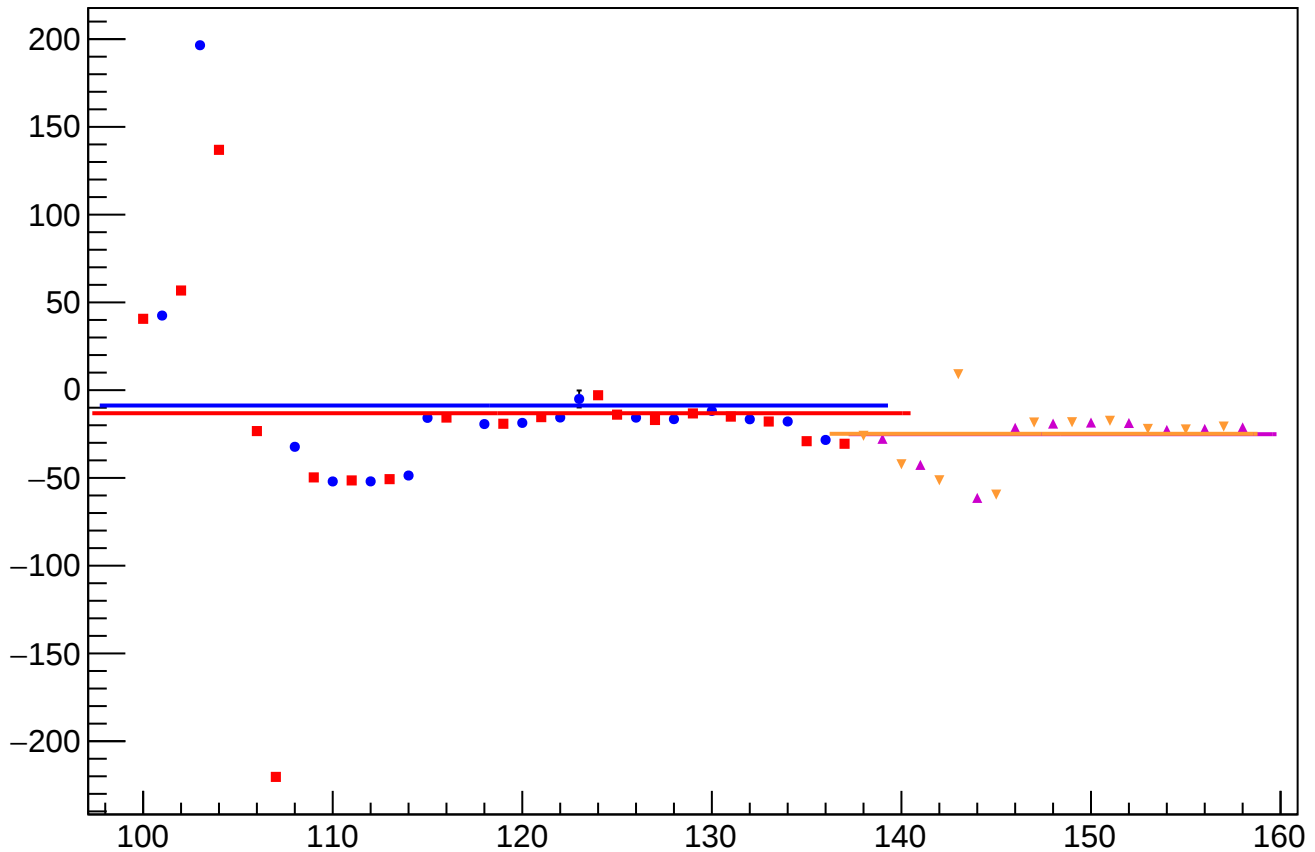
Left In: -14.006 ± 0.726 χ^2/NDF : 351.7/9

+ sign -19.012 ± 0.587 χ^2/NDF : 1067.2/27

All: -20.211 ± 0.417 χ^2/NDF : 2038.3/56

- sign -21.434 ± 0.592 χ^2/NDF : 962.7/28

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -24.863 ± 0.035 $\chi^2/\text{NDF}: 162143.1/10$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

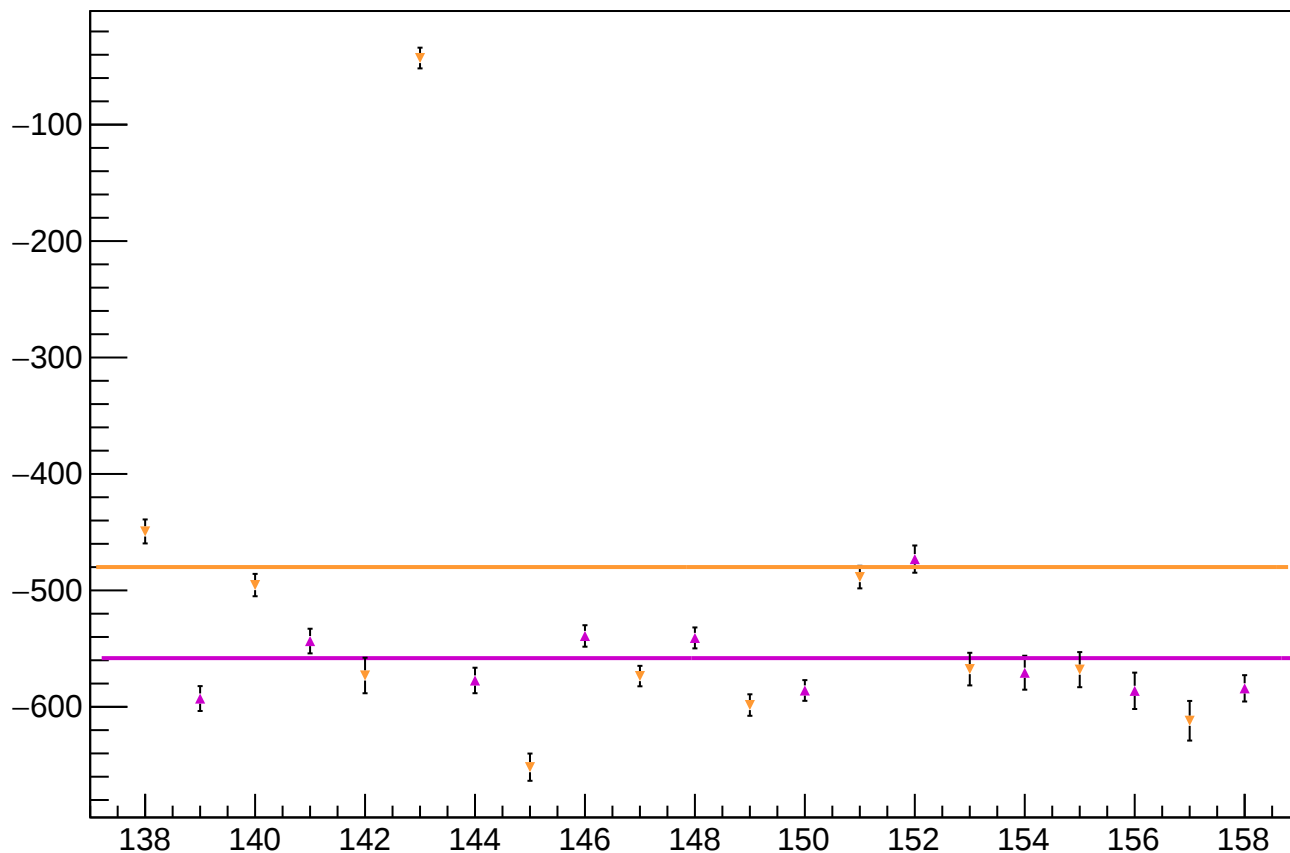
Left In: -25.092 ± 0.034 $\chi^2/\text{NDF}: 95965.2/9$

+ sign -20.677 ± 0.030 $\chi^2/\text{NDF}: 793720.0/27$

All: -21.540 ± 0.021 $\chi^2/\text{NDF}: 1478883.9/56$

- sign -22.373 ± 0.029 $\chi^2/\text{NDF}: 683535.4/28$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -479.950 $\pm$ 3.282 χ^2 /NDF:3089.9/10

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

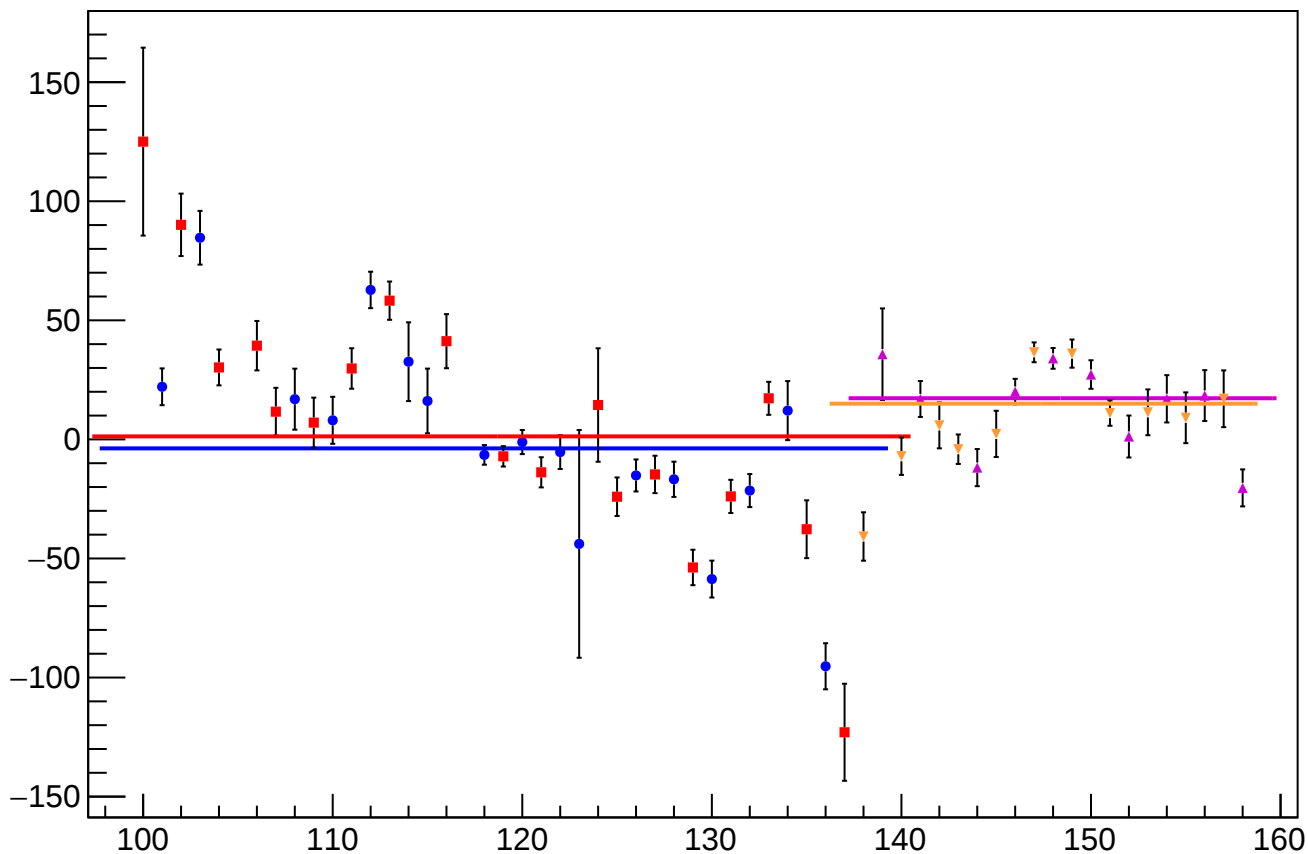
Left In: -558.167 $\pm$ 3.395 χ^2 /NDF:95.4/9

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

All: -517.739 $\pm$ 2.360 χ^2 /NDF: 3459.7/20

- sign 0.000 $\pm$ 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: 15.003 ± 2.125 χ^2/NDF : 90.7/10

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

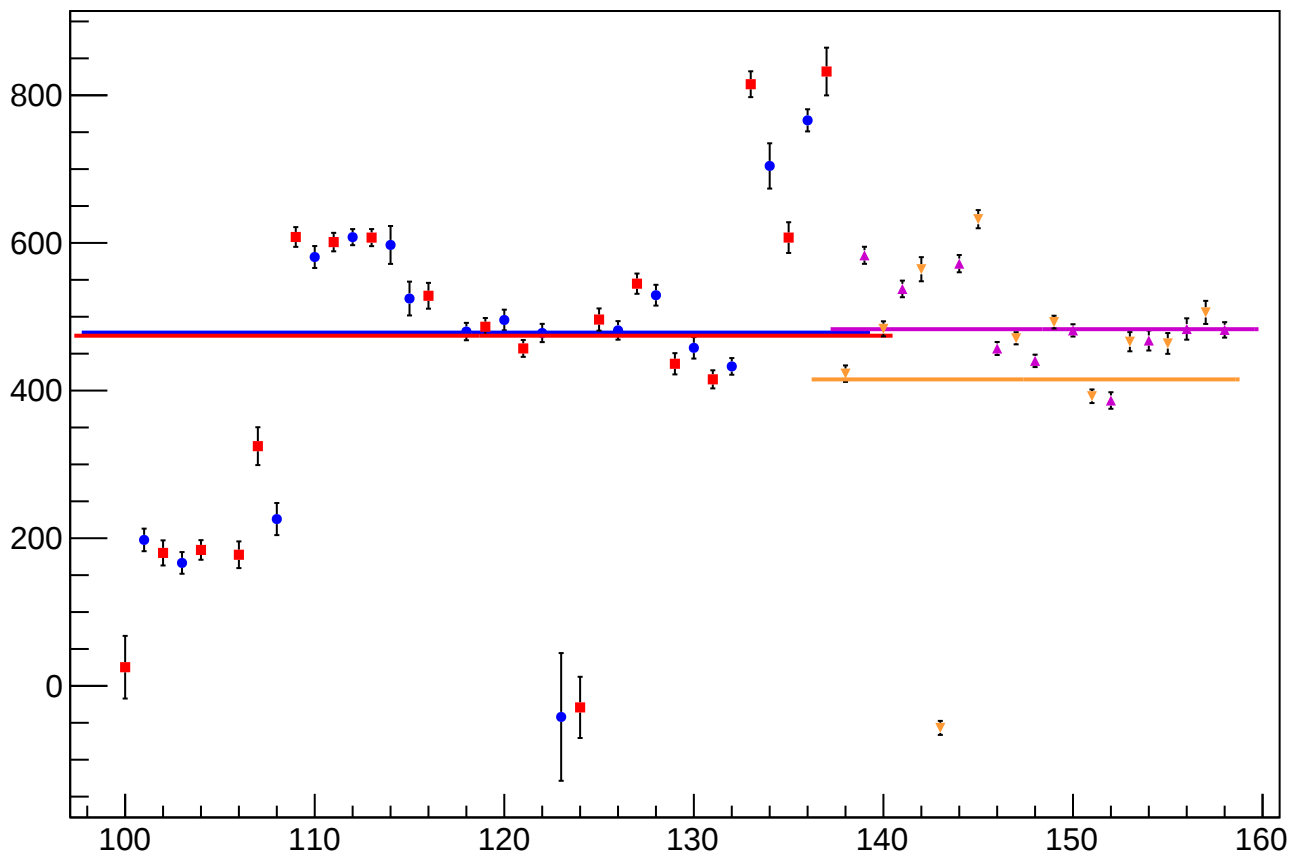
Left In: 17.277 ± 2.233 χ^2/NDF : 59.5/9

+ sign 4.514 ± 1.411 χ^2/NDF : 448.7/27

All: 6.238 ± 1.013 χ^2/NDF : 844.6/56

- sign 8.072 ± 1.456 χ^2/NDF : 392.8/28

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2 /NDF: 1629.0/16

Left Out: 415.146 $\pm$ 3.259 χ^2 /NDF: 3103.3/10

Right Out: 474.328 $\pm$ 3.533 χ^2 /NDF: 2287.1/18

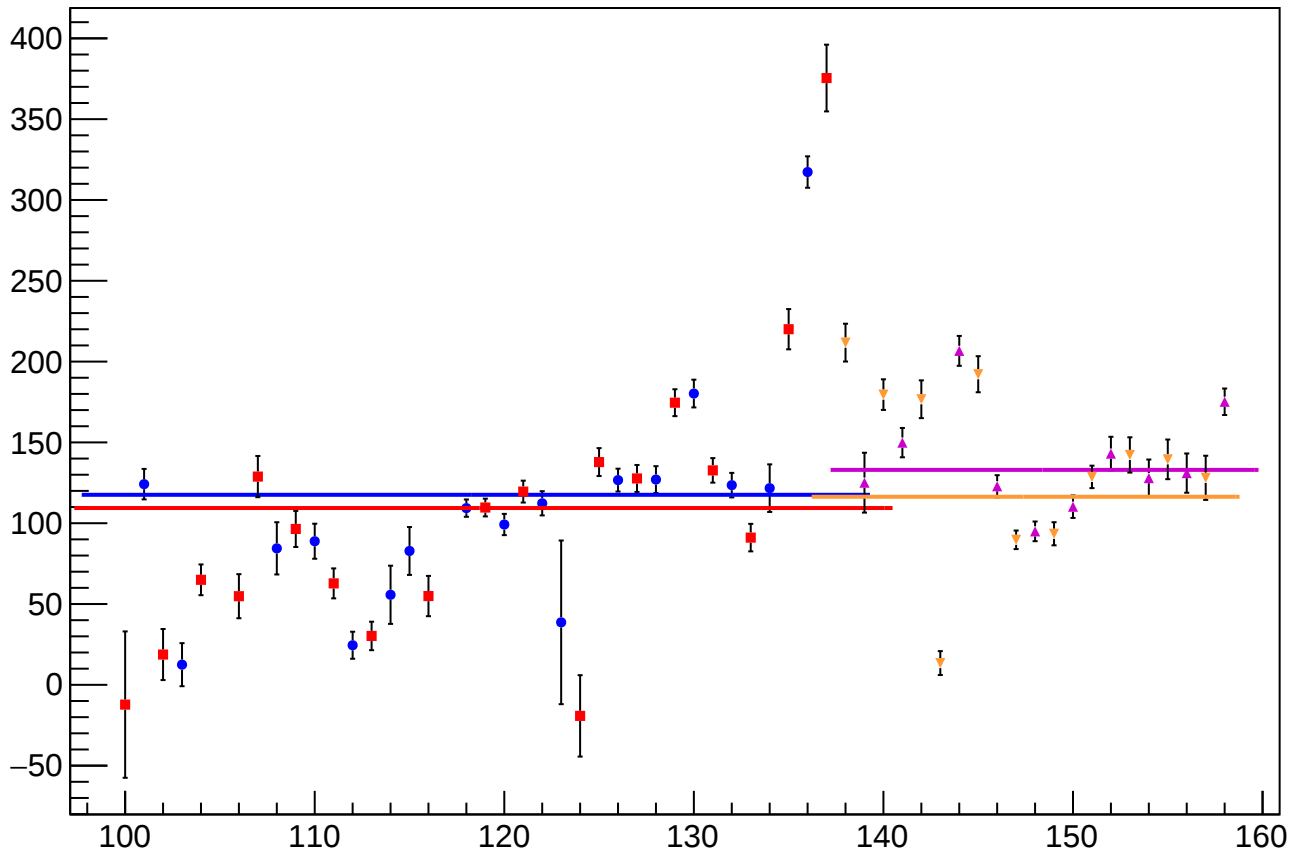
Left In: 483.158 $\pm$ 3.307 χ^2 /NDF: 266.3/9

+ sign 443.437 $\pm$ 2.425 χ^2 /NDF: 4901.1/27

All: 461.318 $\pm$ 1.711 χ^2 /NDF: 7566.0/56

- sign 479.035 $\pm$ 2.414 χ^2 /NDF: 2556.7/28

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 116.376 ± 2.643 $\chi^2/\text{NDF}: 422.2/10$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

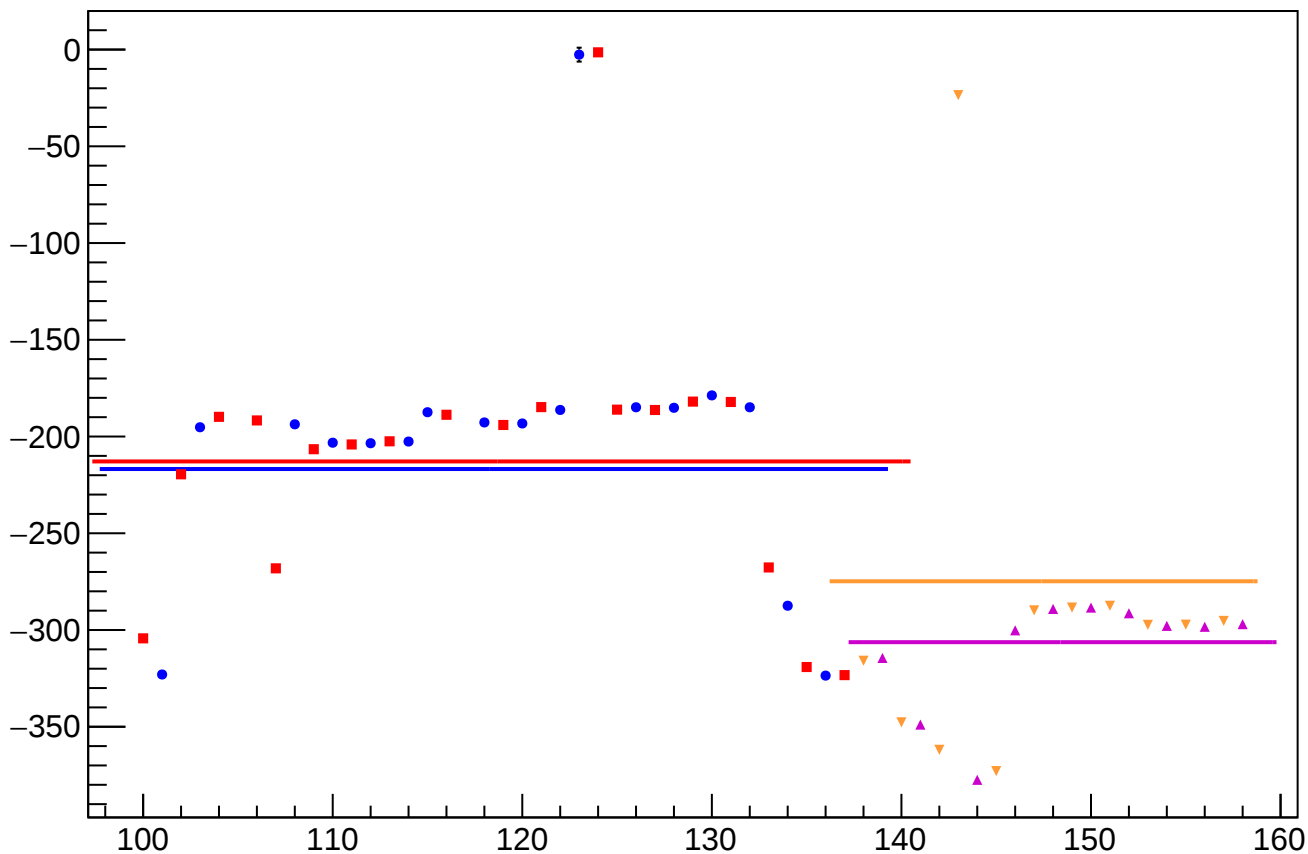
Left In: 132.997 ± 2.731 $\chi^2/\text{NDF}: 146.5/9$

+ sign 117.092 ± 1.688 $\chi^2/\text{NDF}: 1129.2/27$

All: 117.899 ± 1.204 $\chi^2/\text{NDF}: 1892.5/56$

- sign 118.736 ± 1.718 $\chi^2/\text{NDF}: 762.8/28$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -274.806 ± 0.134 $\chi^2/\text{NDF}: 540288.0/10$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

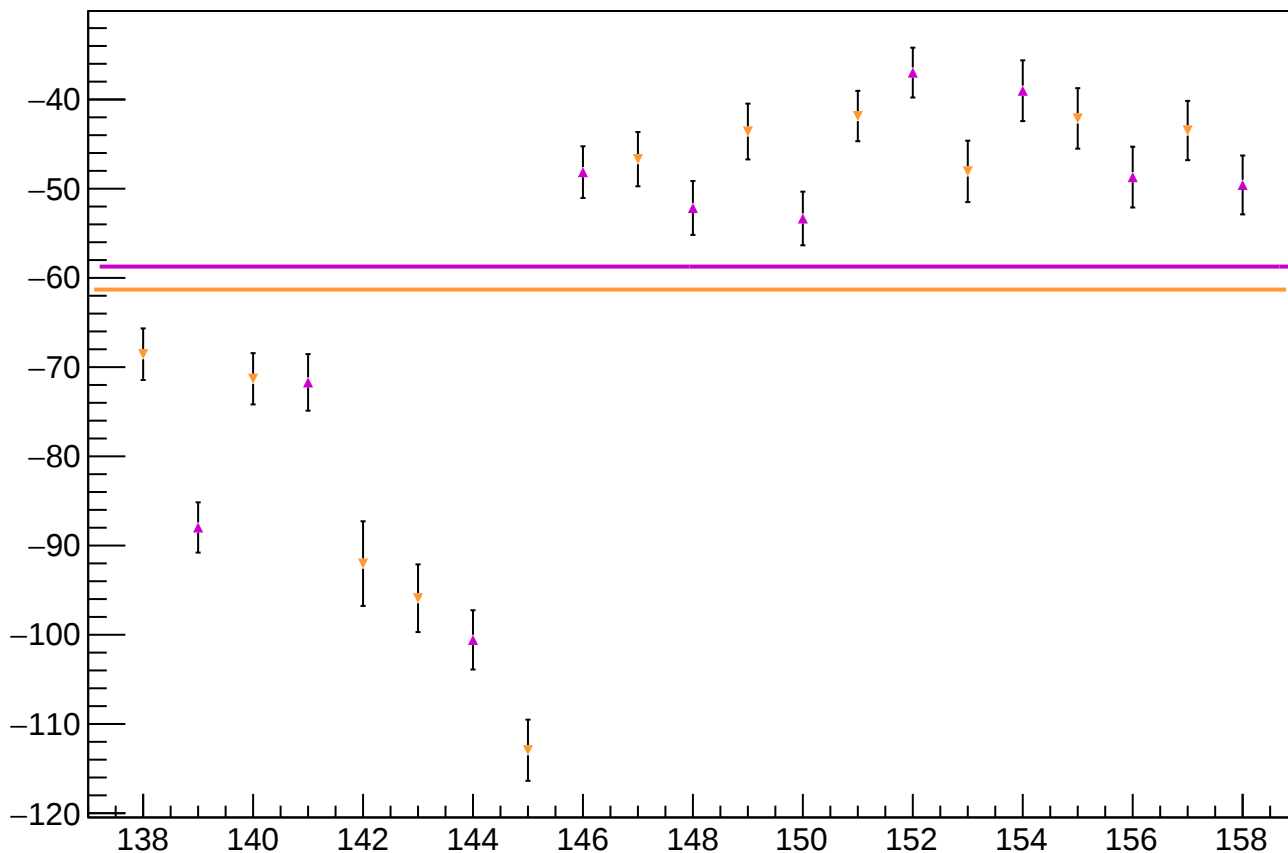
Left In: -306.286 ± 0.132 $\chi^2/\text{NDF}: 35797.1/9$

+ sign -246.230 ± 0.095 $\chi^2/\text{NDF}: 780056.3/27$

All: -252.712 ± 0.066 $\chi^2/\text{NDF}: 1194917.5/56$

- sign -258.861 ± 0.093 $\chi^2/\text{NDF}: 405828.9/28$

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -61.308+/-0.982 χ^2/NDF : 548.7/10

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

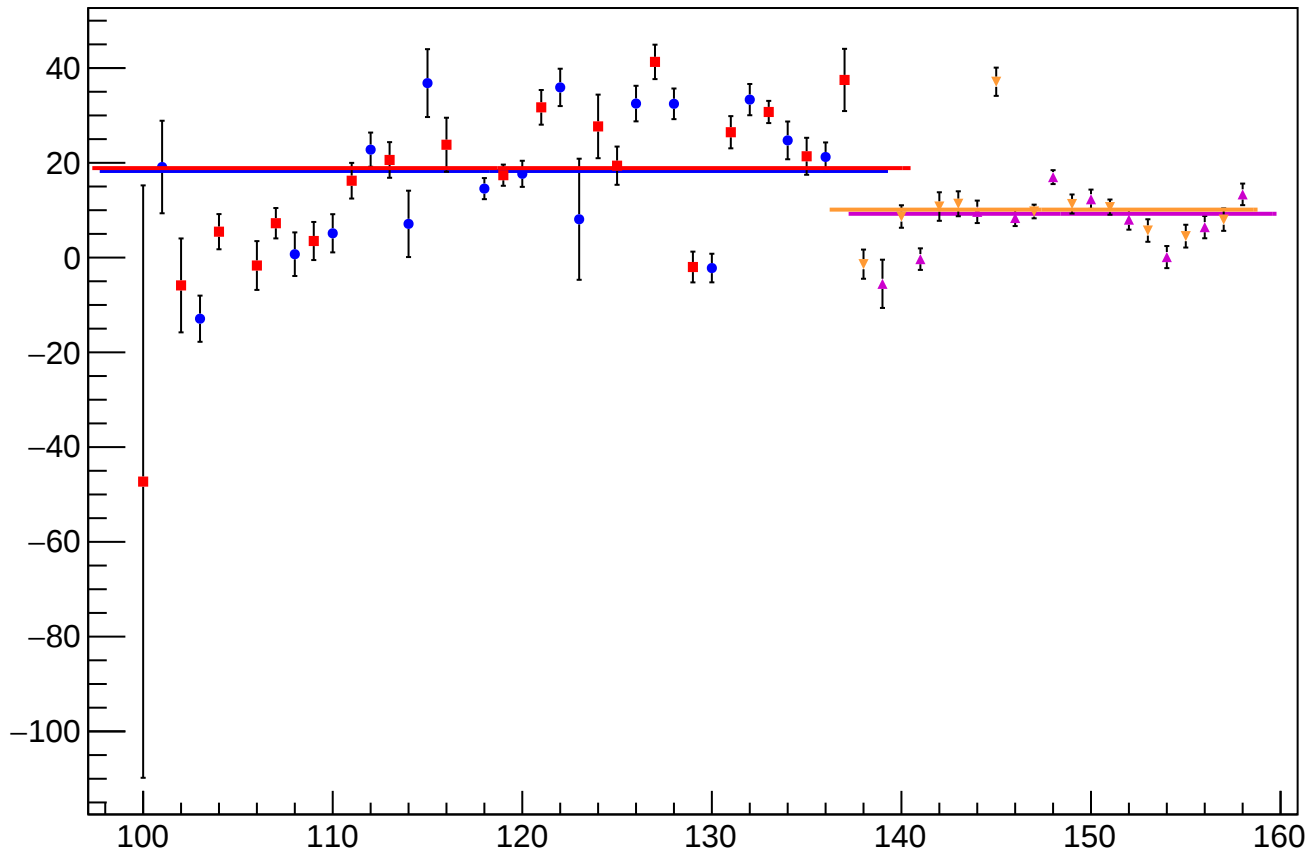
Left In: -58.730+/-0.977 χ^2/NDF : 415.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.013+/-0.692 χ^2/NDF : 967.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: 10.122 $\pm$ 0.660 χ^2 /NDF: 106.7/10

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

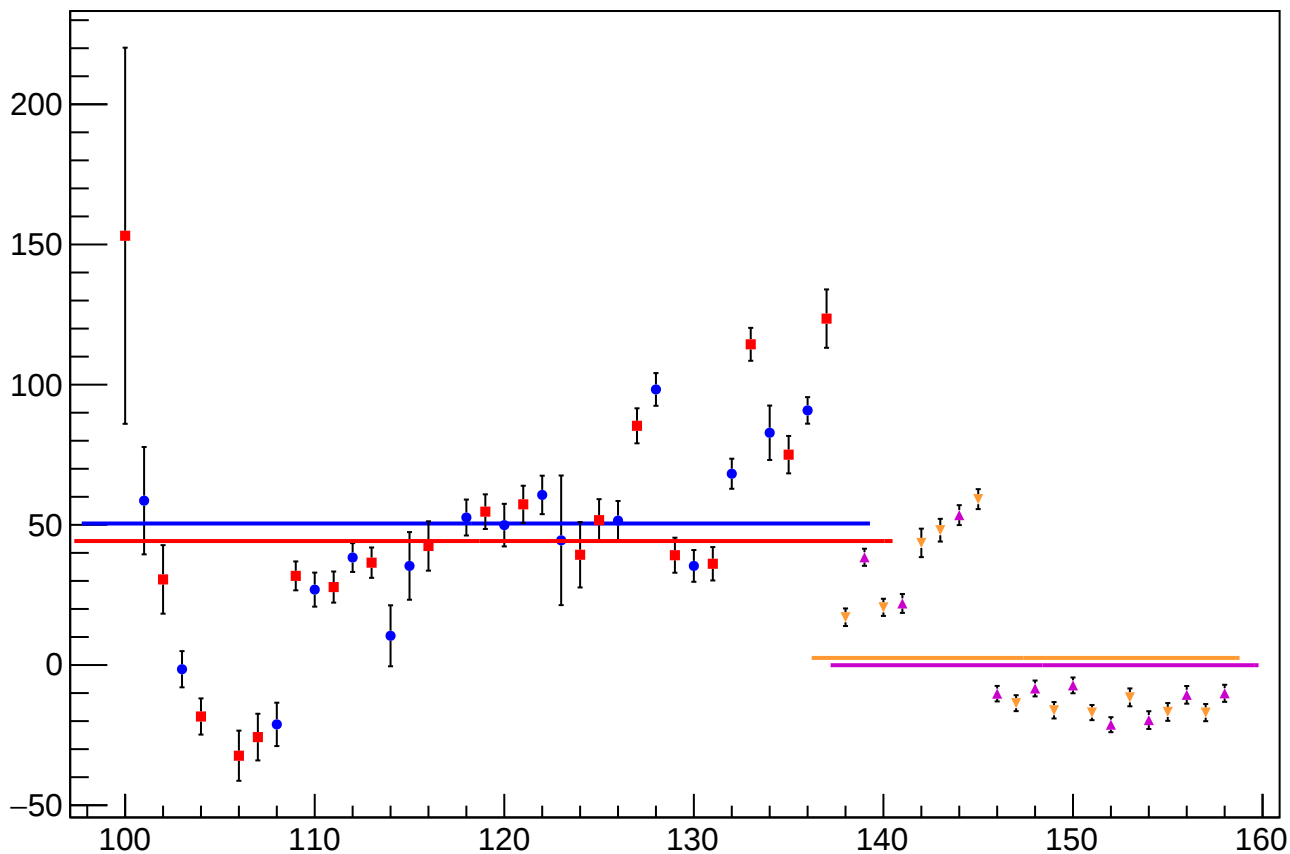
Left In: 9.244 $\pm$ 0.668 χ^2 /NDF: 76.8/9

+ sign 12.953 $\pm$ 0.533 χ^2 /NDF: 364.3/27

All: 12.901 $\pm$ 0.376 χ^2 /NDF: 717.4/56

- sign 12.850 $\pm$ 0.529 χ^2 /NDF: 353.1/28

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: 2.533 $\pm$ 0.967 χ^2 /NDF: 723.2/10

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

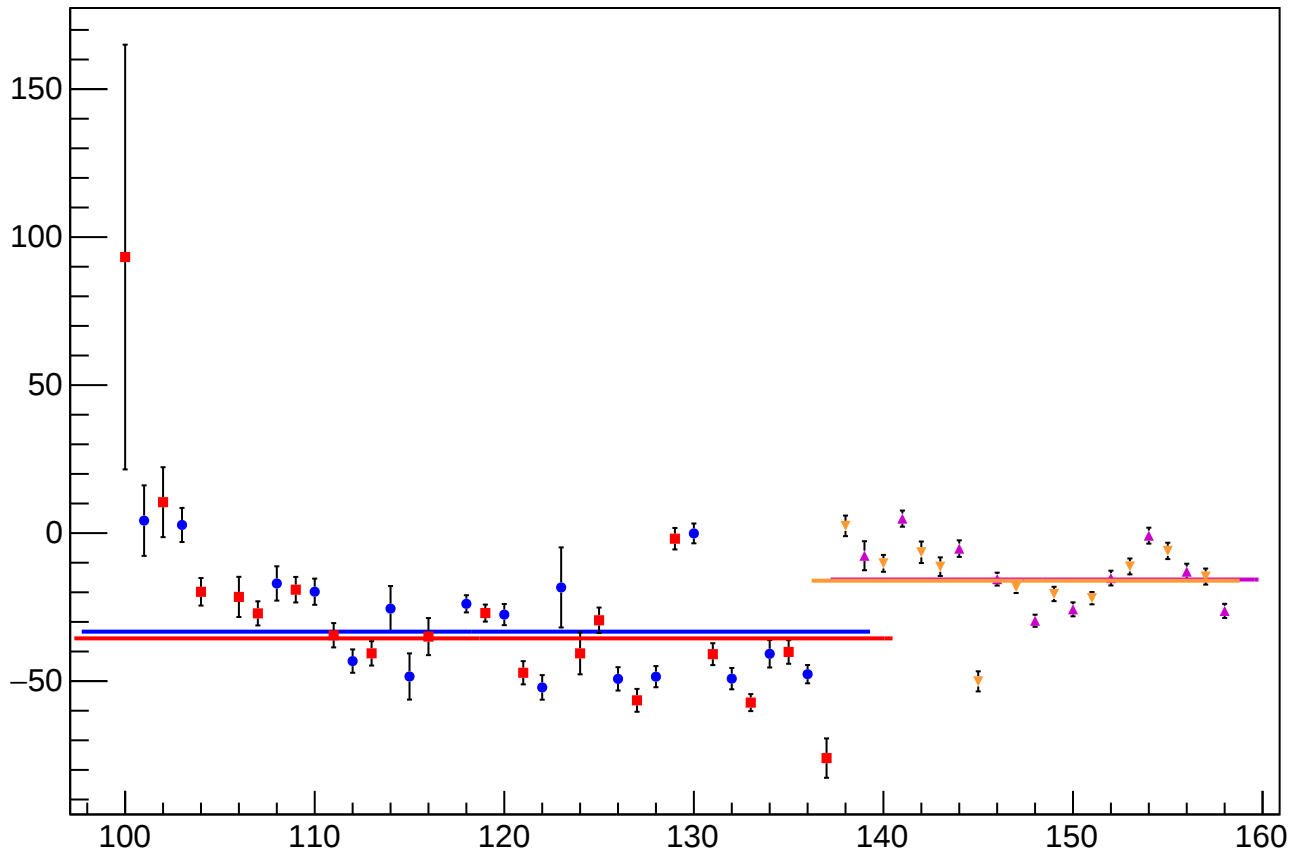
Left In: -0.061 $\pm$ 0.952 χ^2 /NDF: 580.9/9

+ sign 14.593 $\pm$ 0.836 χ^2 /NDF: 1699.6/27

All: 13.007 $\pm$ 0.585 χ^2 /NDF: 3386.4/56

- sign 11.489 $\pm$ 0.818 χ^2 /NDF: 1679.8/28

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.066 ± 0.810 χ^2/NDF : 171.5/10

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

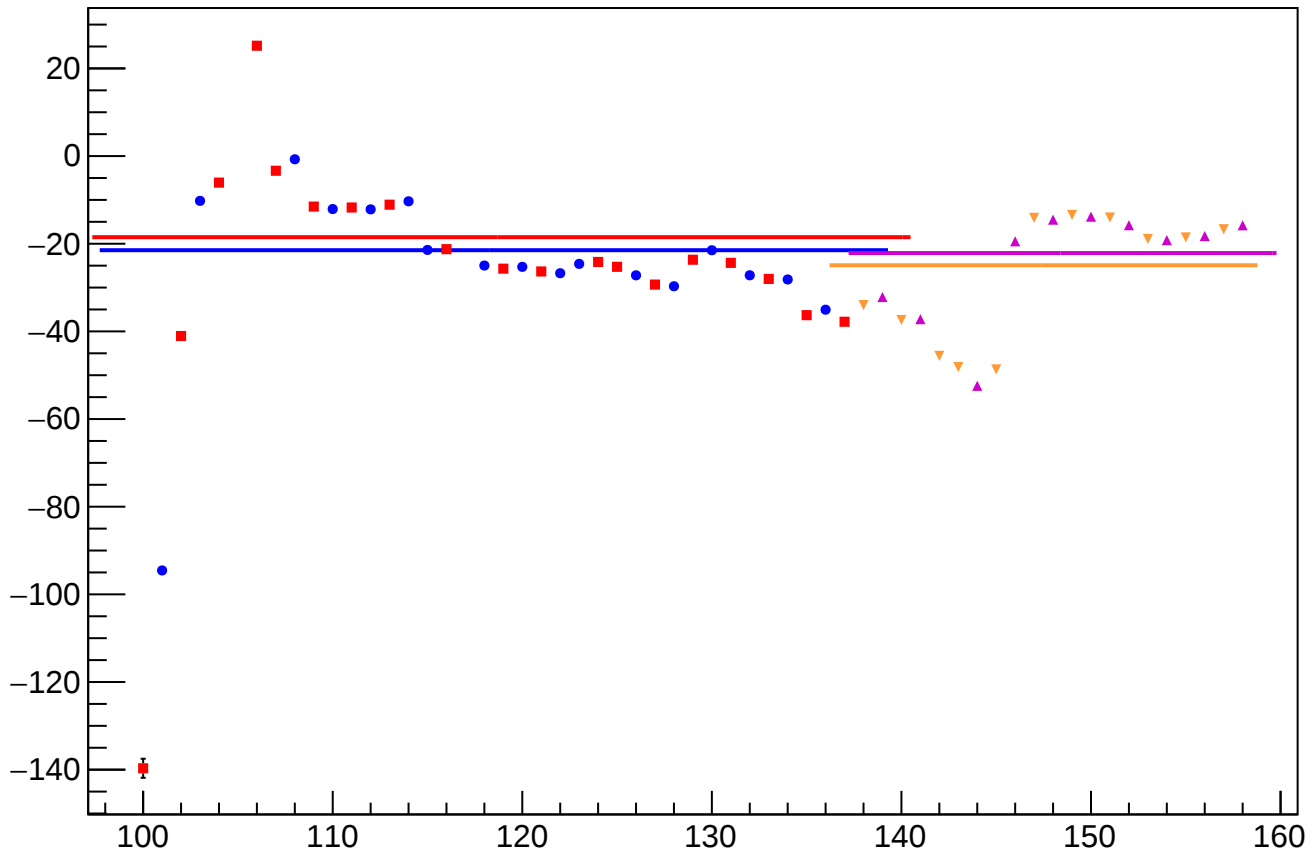
Left In: -15.684 ± 0.805 χ^2/NDF : 188.5/9

+ sign -22.621 ± 0.637 χ^2/NDF : 632.9/27

All: -23.108 ± 0.446 χ^2/NDF : 1352.1/56

- sign -23.578 ± 0.625 χ^2/NDF : 718.1/28

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -24.914 ± 0.038 $\chi^2/\text{NDF}: 109754.6/10$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

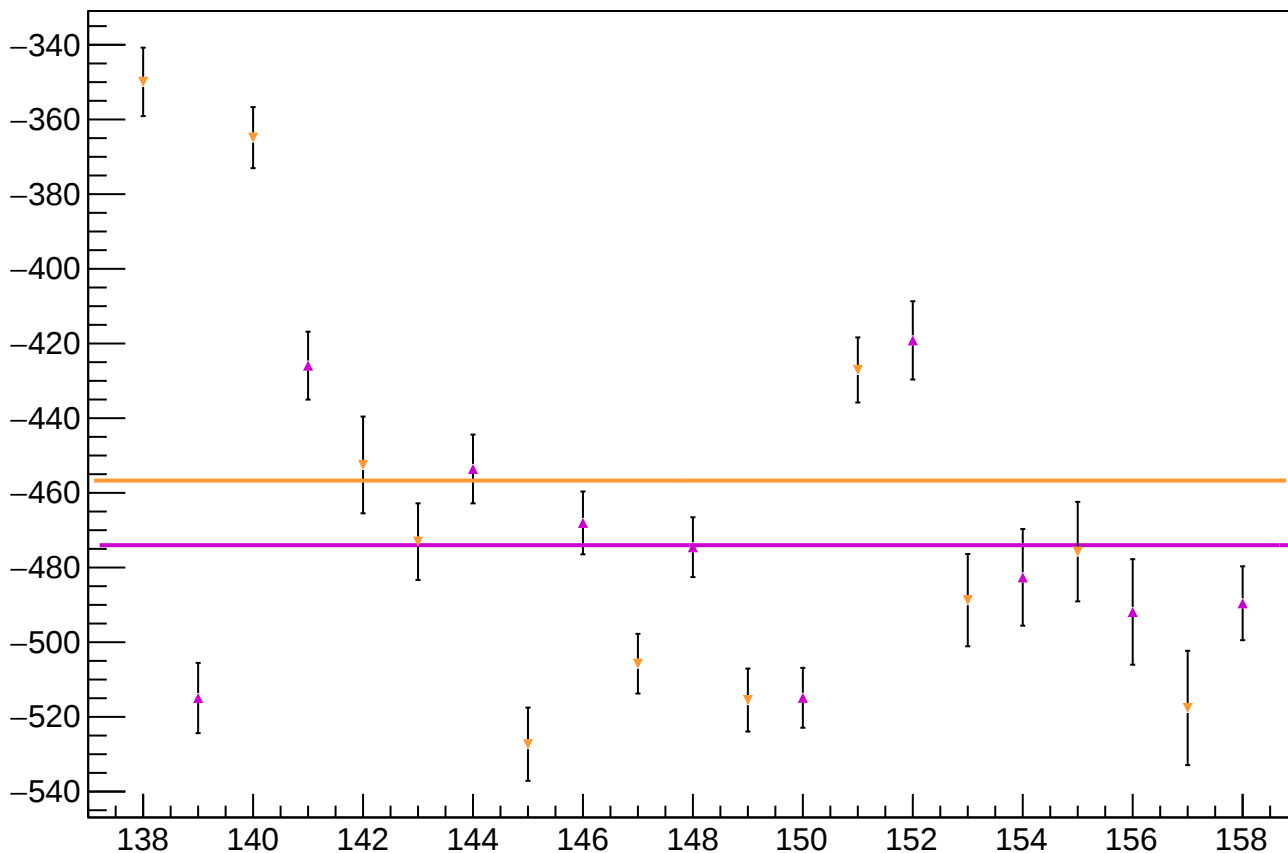
Left In: -22.127 ± 0.037 $\chi^2/\text{NDF}: 77252.0/9$

+ sign -23.889 ± 0.032 $\chi^2/\text{NDF}: 161172.8/27$

All: -22.434 ± 0.022 $\chi^2/\text{NDF}: 325978.6/56$

- sign -21.056 ± 0.031 $\chi^2/\text{NDF}: 160793.3/28$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -456.706+/-2.988 χ^2/NDF : 438.8/10

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

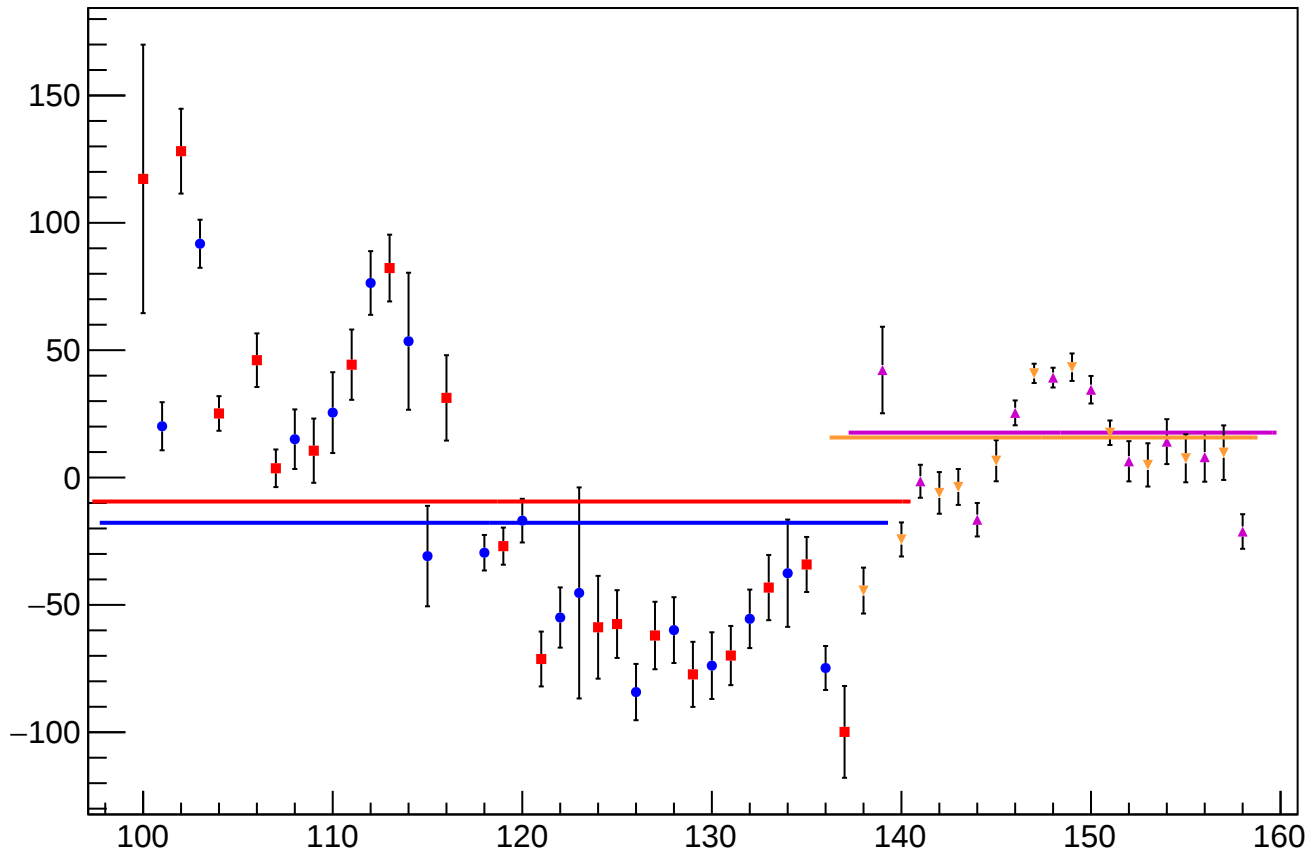
Left In: -474.012+/-3.006 χ^2/NDF : 110.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.308+/-2.119 χ^2/NDF : 565.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 $\chi^2/\text{NDF}: 363.9/16$

Left Out: 15.716 ± 1.938 $\chi^2/\text{NDF}: 169.4/10$

Right Out: -9.417 ± 2.613 $\chi^2/\text{NDF}: 369.6/18$

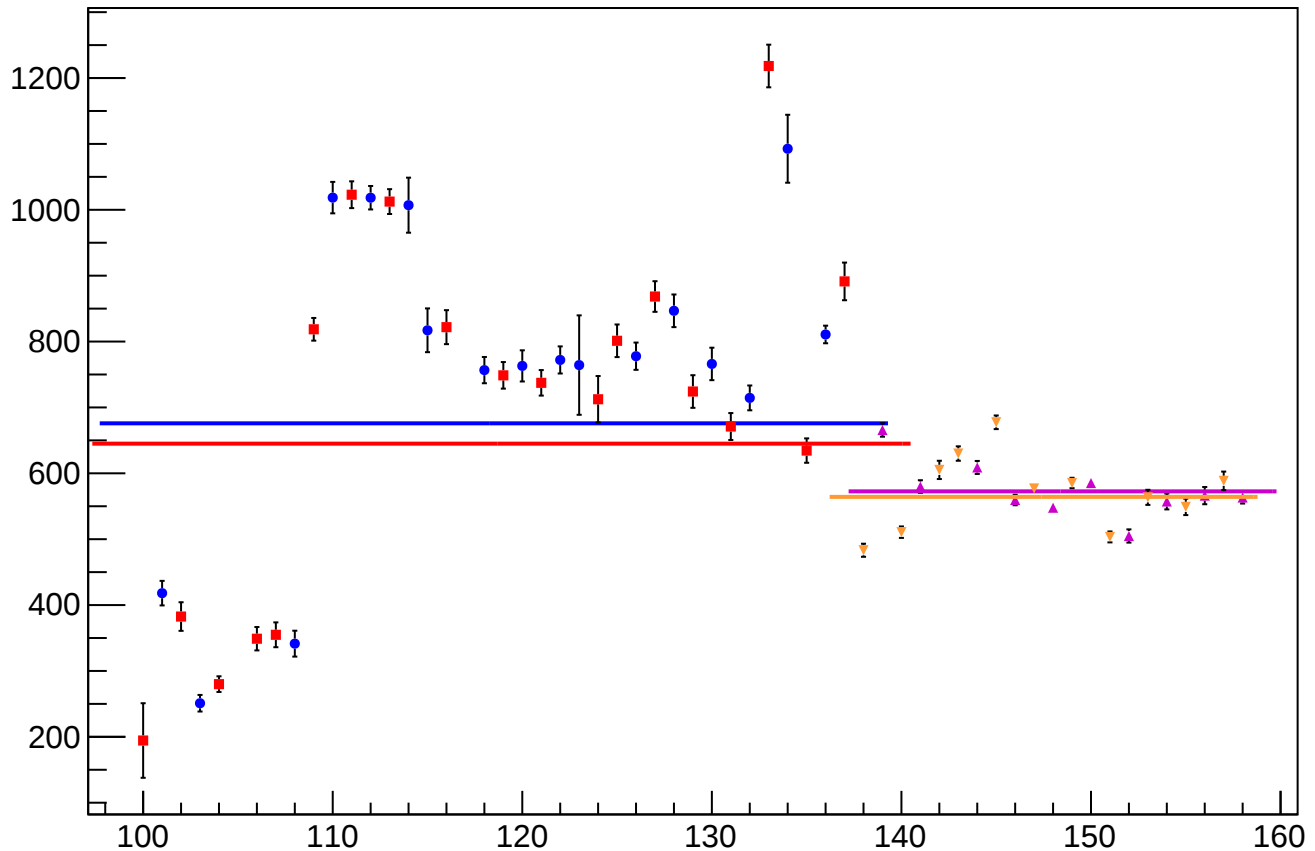
Left In: 17.639 ± 1.983 $\chi^2/\text{NDF}: 116.9/9$

+ sign 4.771 ± 1.590 $\chi^2/\text{NDF}: 630.8/27$

All: 6.271 ± 1.121 $\chi^2/\text{NDF}: 1187.0/56$

- sign 7.752 ± 1.580 $\chi^2/\text{NDF}: 554.5/28$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 ± 5.037 χ^2/NDF : 2586.4/16

Left Out: 564.220 ± 2.964 χ^2/NDF : 337.1/10

Right Out: 645.014 ± 4.761 χ^2/NDF : 3123.3/18

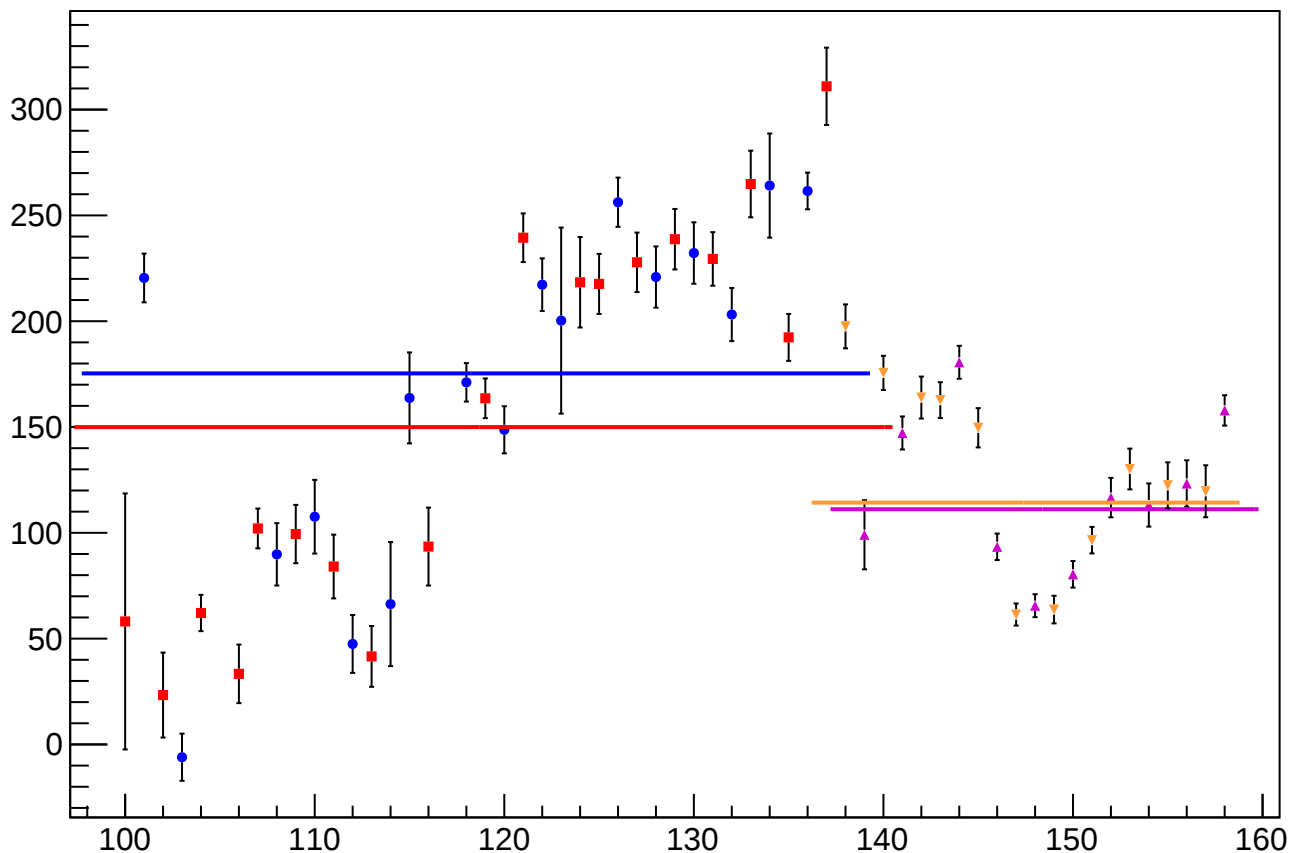
Left In: 572.625 ± 2.933 χ^2/NDF : 162.8/9

+ sign 592.932 ± 2.554 χ^2/NDF : 3288.5/27

All: 592.731 ± 1.786 χ^2/NDF : 6742.1/56

- sign 592.539 ± 2.497 χ^2/NDF : 3453.6/28

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 114.283 $\pm$ 2.413 χ^2 /NDF: 368.1/10

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

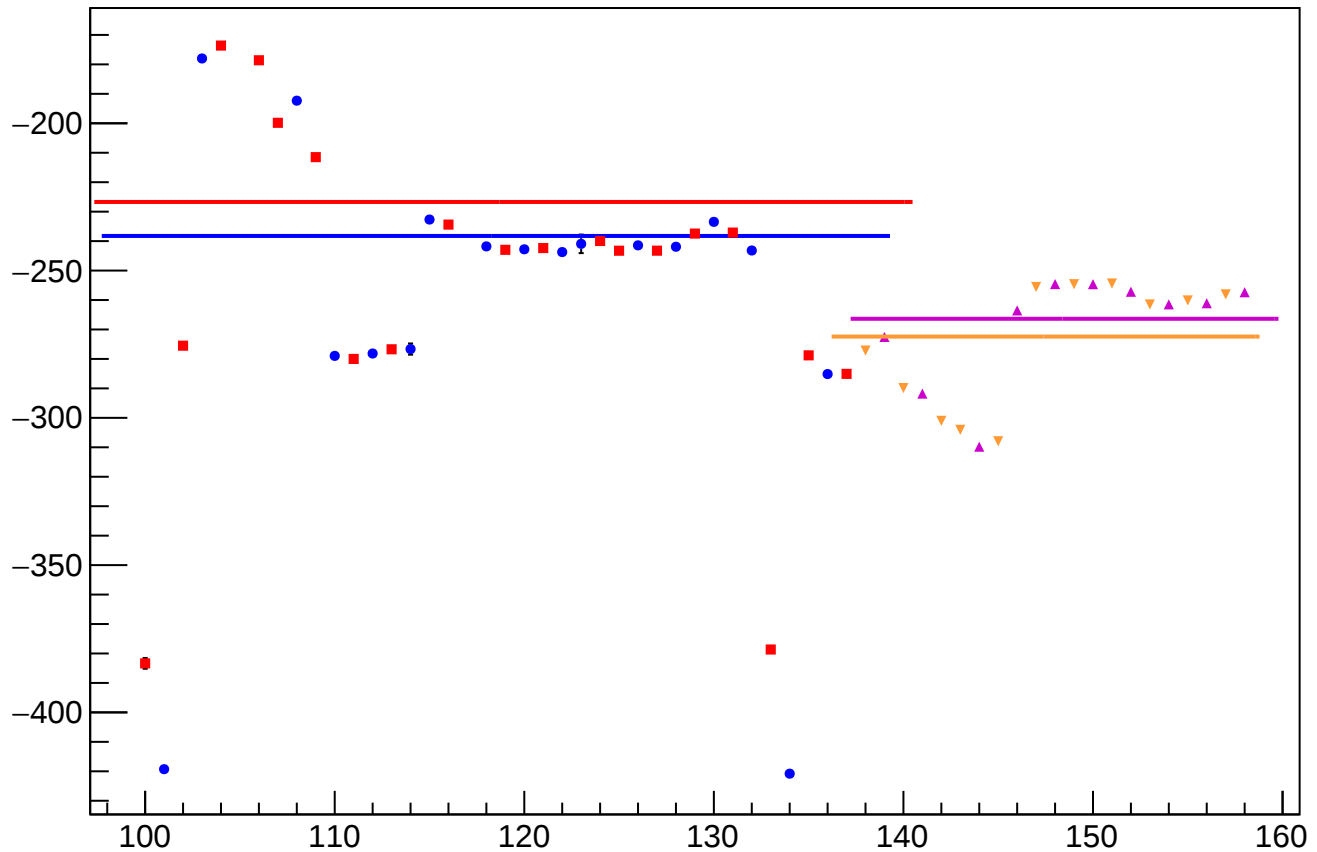
Left In: 111.165 $\pm$ 2.423 χ^2 /NDF: 247.9/9

+ sign 136.388 $\pm$ 1.927 χ^2 /NDF: 1238.4/27

All: 131.214 $\pm$ 1.352 χ^2 /NDF: 2293.1/56

- sign 126.206 $\pm$ 1.896 χ^2 /NDF: 1040.5/28

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -272.410+/-0.122 χ^2/NDF : 27551.4/10

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

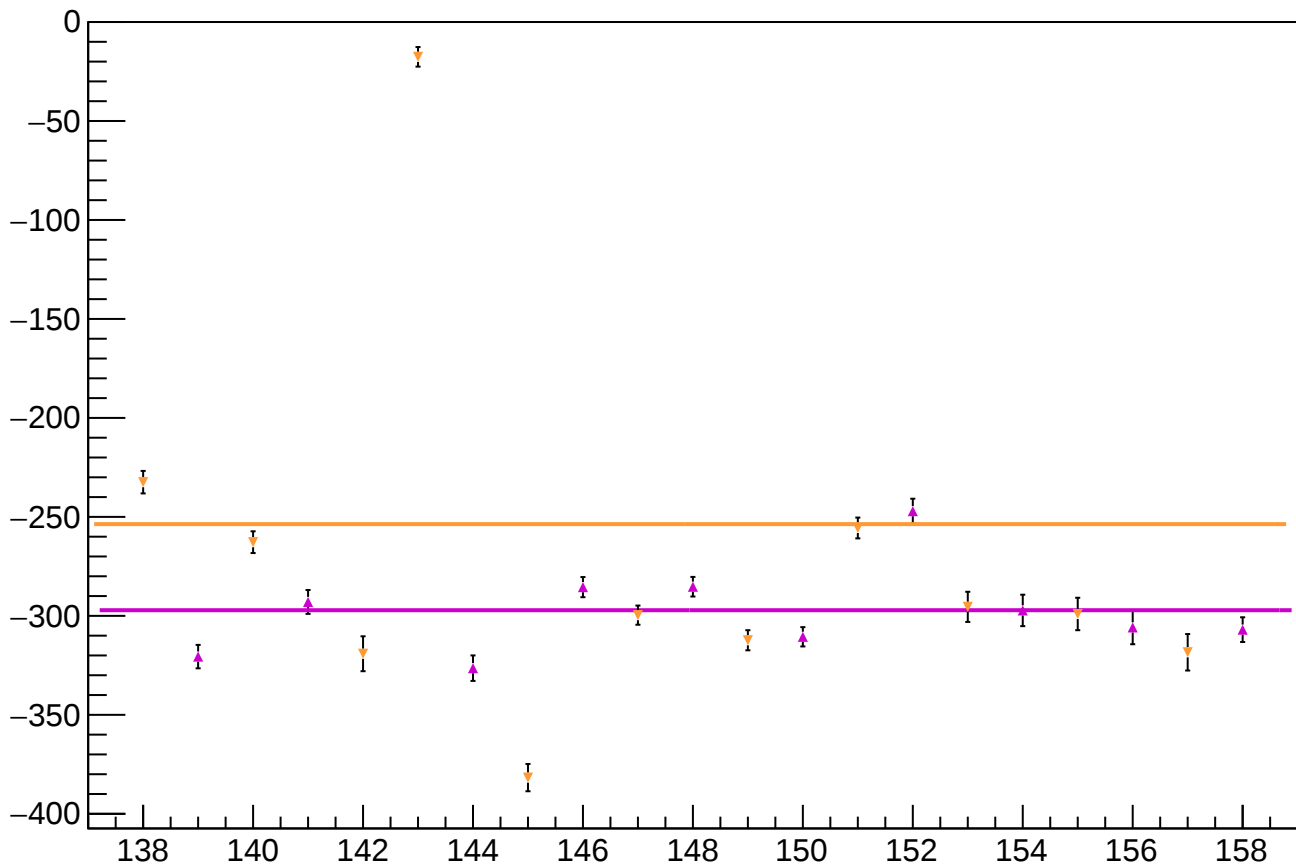
Left In: -266.372+/-0.117 χ^2/NDF : 18984.2/9

+ sign -259.897+/-0.097 χ^2/NDF : 223594.7/27

All: -255.500+/-0.067 χ^2/NDF : 392396.7/56

- sign -251.475+/-0.093 χ^2/NDF : 164848.9/28

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -253.661+/-1.824 χ^2/NDF : 3028.6/10

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

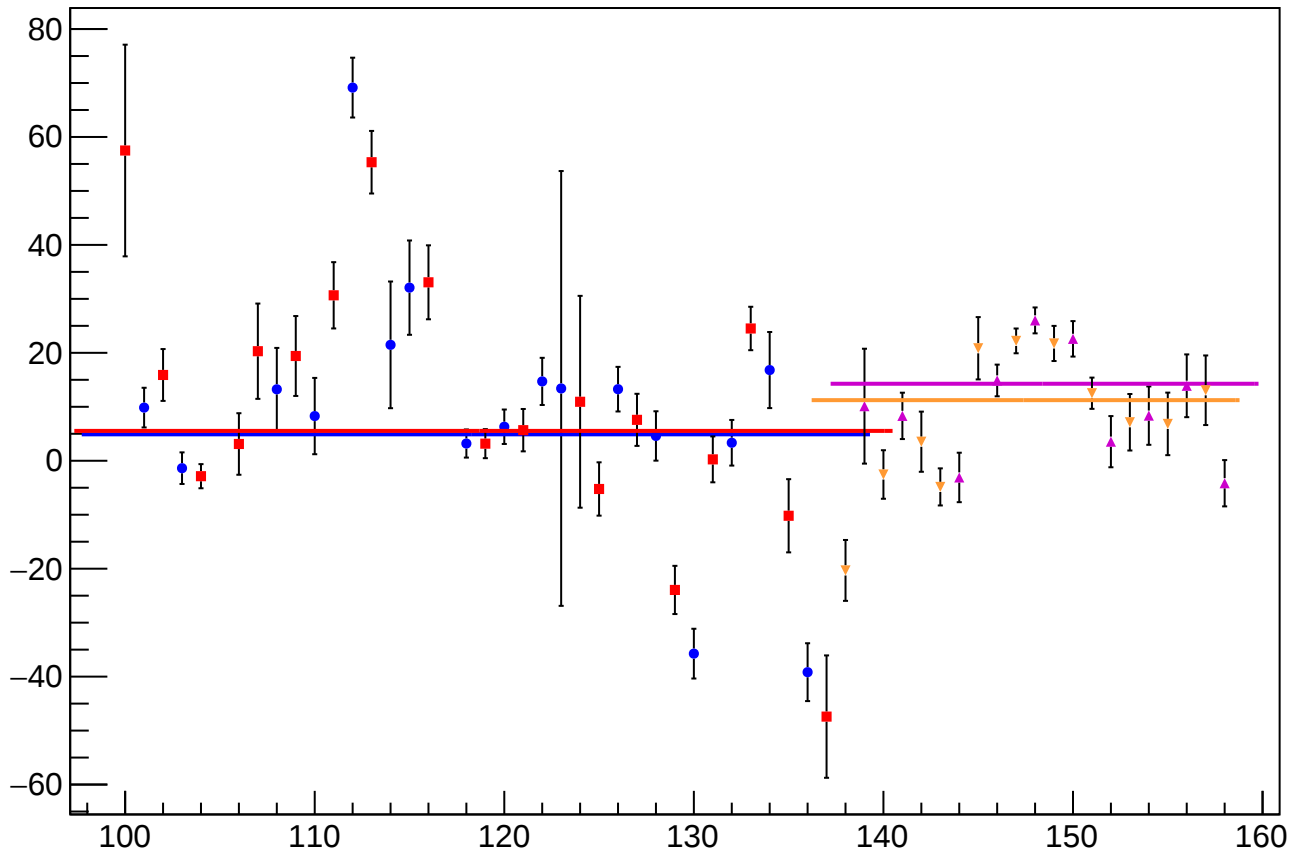
Left In: -297.144+/-1.882 χ^2/NDF : 122.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.726+/-1.310 χ^2/NDF : 3426.1/20

- 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: 11.232 ± 1.177 χ^2/NDF : 102.0/10

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

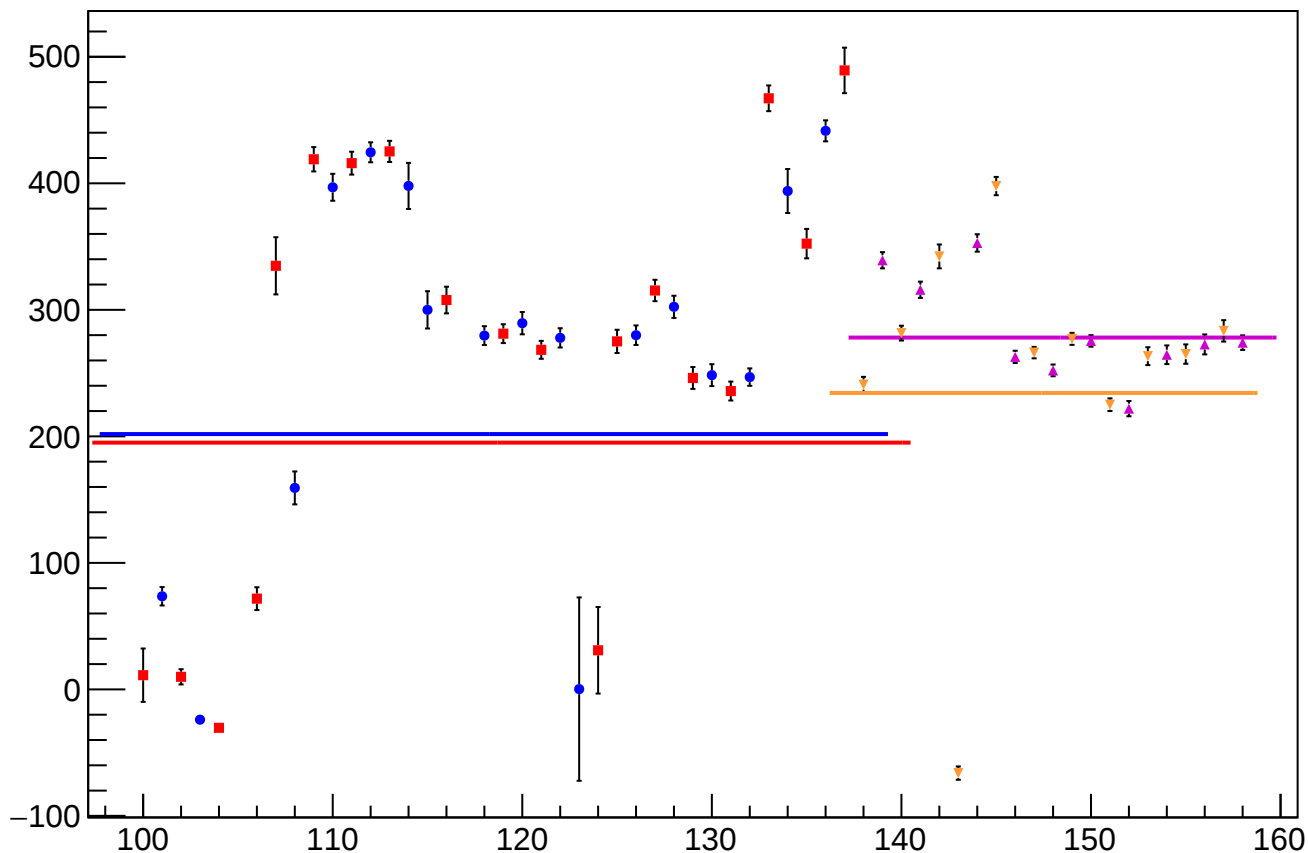
Left In: 14.270 ± 1.235 χ^2/NDF : 71.6/9

+ sign 7.818 ± 0.799 χ^2/NDF : 429.6/27

All: 8.542 ± 0.569 χ^2/NDF : 770.5/56

- sign 9.284 ± 0.809 χ^2/NDF : 339.3/28

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2/NDF : 6754.2/16

Left Out: 234.327 $\pm$ 1.808 χ^2/NDF : 4148.7/10

Right Out: 195.053 $\pm$ 1.924 χ^2/NDF : 8257.1/18

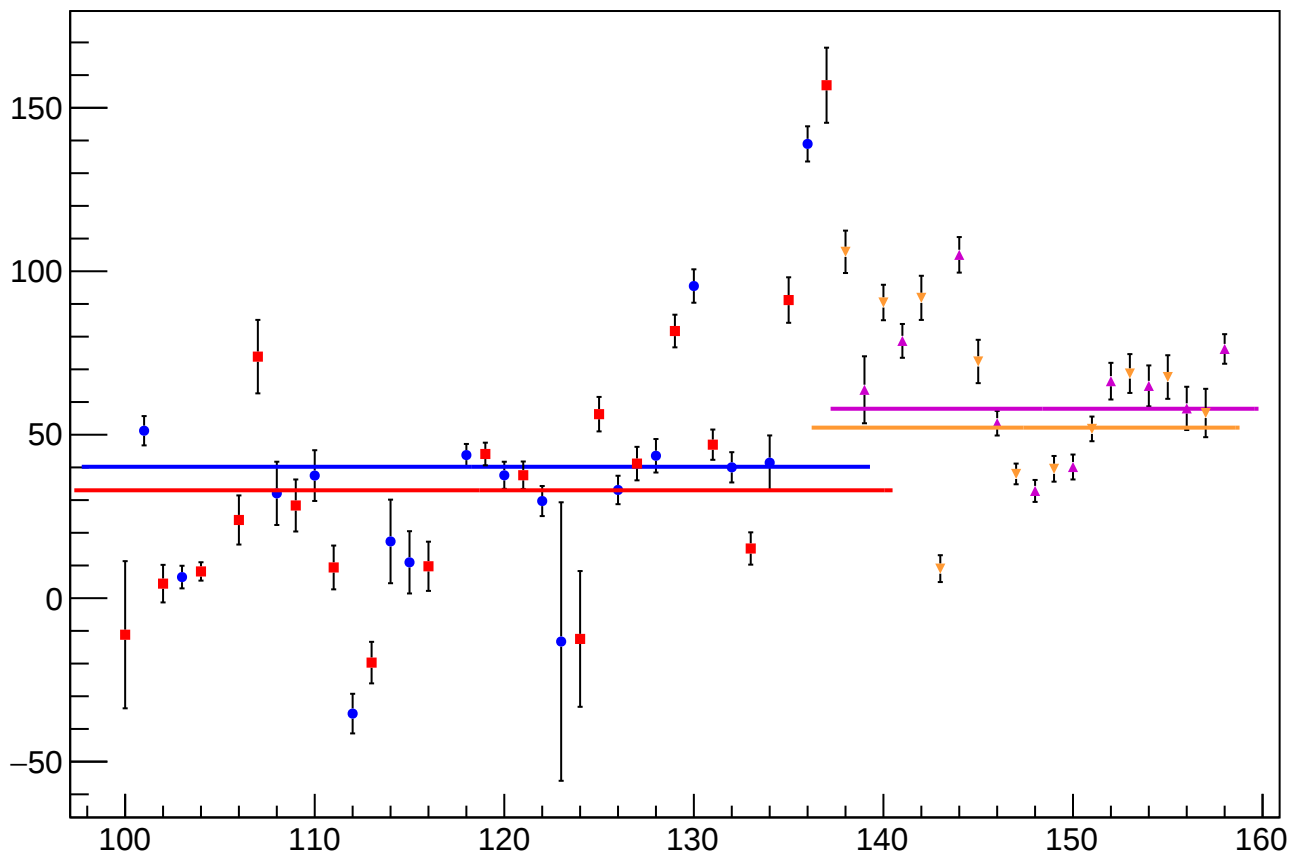
Left In: 278.087 $\pm$ 1.829 χ^2/NDF : 376.3/9

+ sign 219.467 $\pm$ 1.332 χ^2/NDF : 11050.9/27

All: 229.112 $\pm$ 0.940 χ^2/NDF : 20766.6/56

- sign 238.669 $\pm$ 1.326 χ^2/NDF : 9611.3/28

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 52.168 $\pm$ 1.466 χ^2 /NDF:316.5/10

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

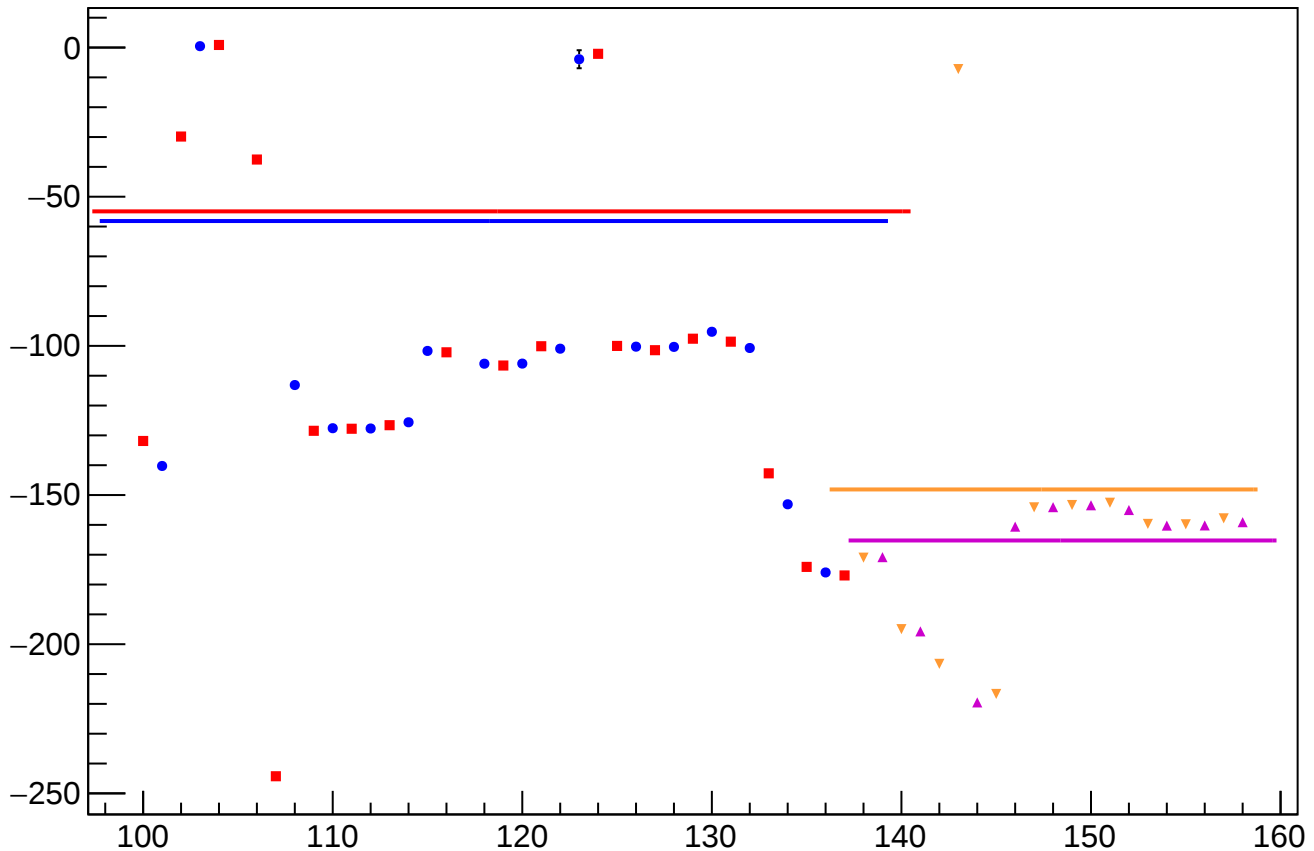
Left In: 57.944 $\pm$ 1.512 χ^2 /NDF:190.4/9

+ sign 45.319 $\pm$ 0.959 χ^2 /NDF: 1089.6/27

All: 44.243 $\pm$ 0.680 χ^2 /NDF: 1998.1/56

- sign 43.154 $\pm$ 0.964 χ^2 /NDF: 906.0/28

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -148.126 ± 0.074 $\chi^2/\text{NDF}: 575991.5/10$

Right Out: -54.914 ± 0.060 $\chi^2/\text{NDF}: 1003885.5/18$

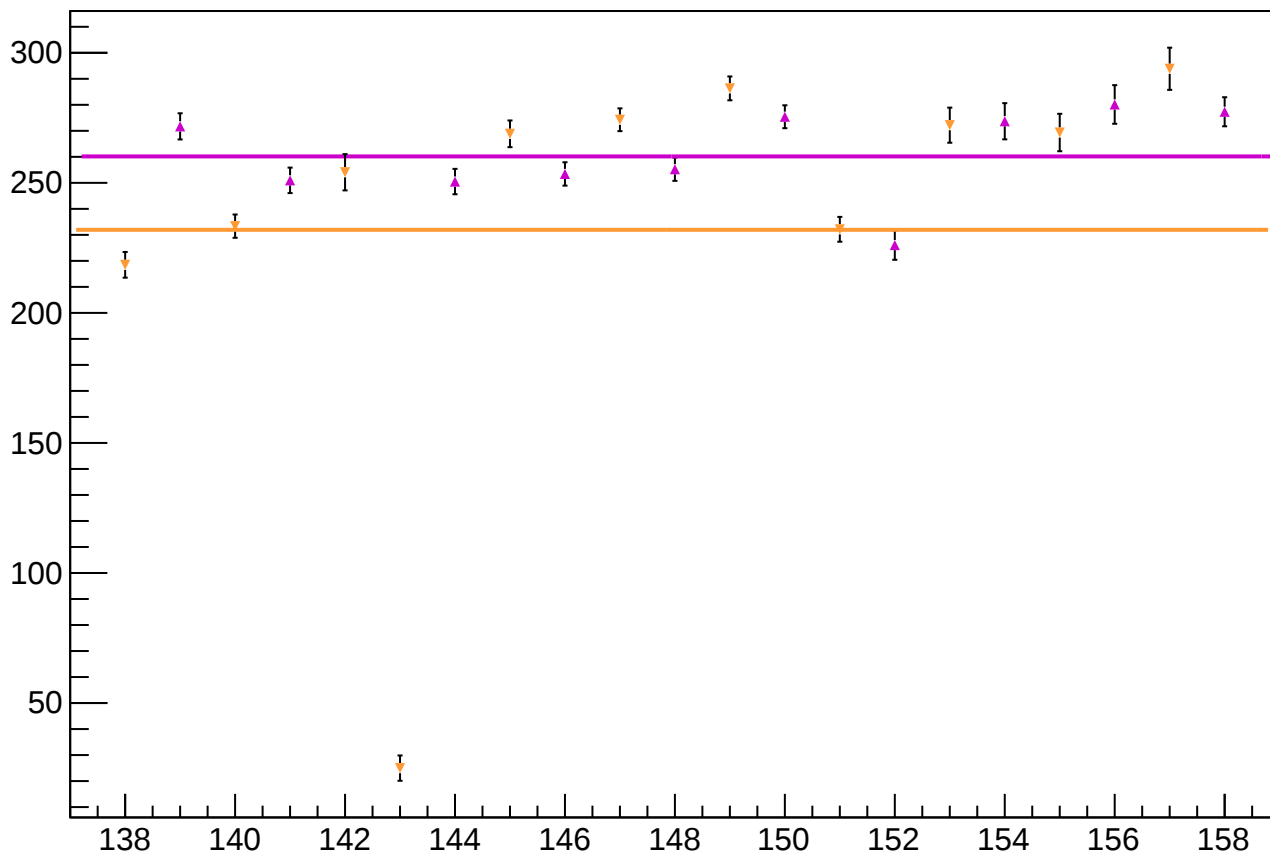
Left In: -165.231 ± 0.073 $\chi^2/\text{NDF}: 57446.9/9$

+ sign -94.933 ± 0.047 $\chi^2/\text{NDF}: 2554280.9/27$

All: -97.292 ± 0.033 $\chi^2/\text{NDF}: 4978714.9/56$

- sign -99.564 ± 0.046 $\chi^2/\text{NDF}: 2419560.3/28$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 231.942+/-1.598 χ^2/NDF :2230.2/10

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

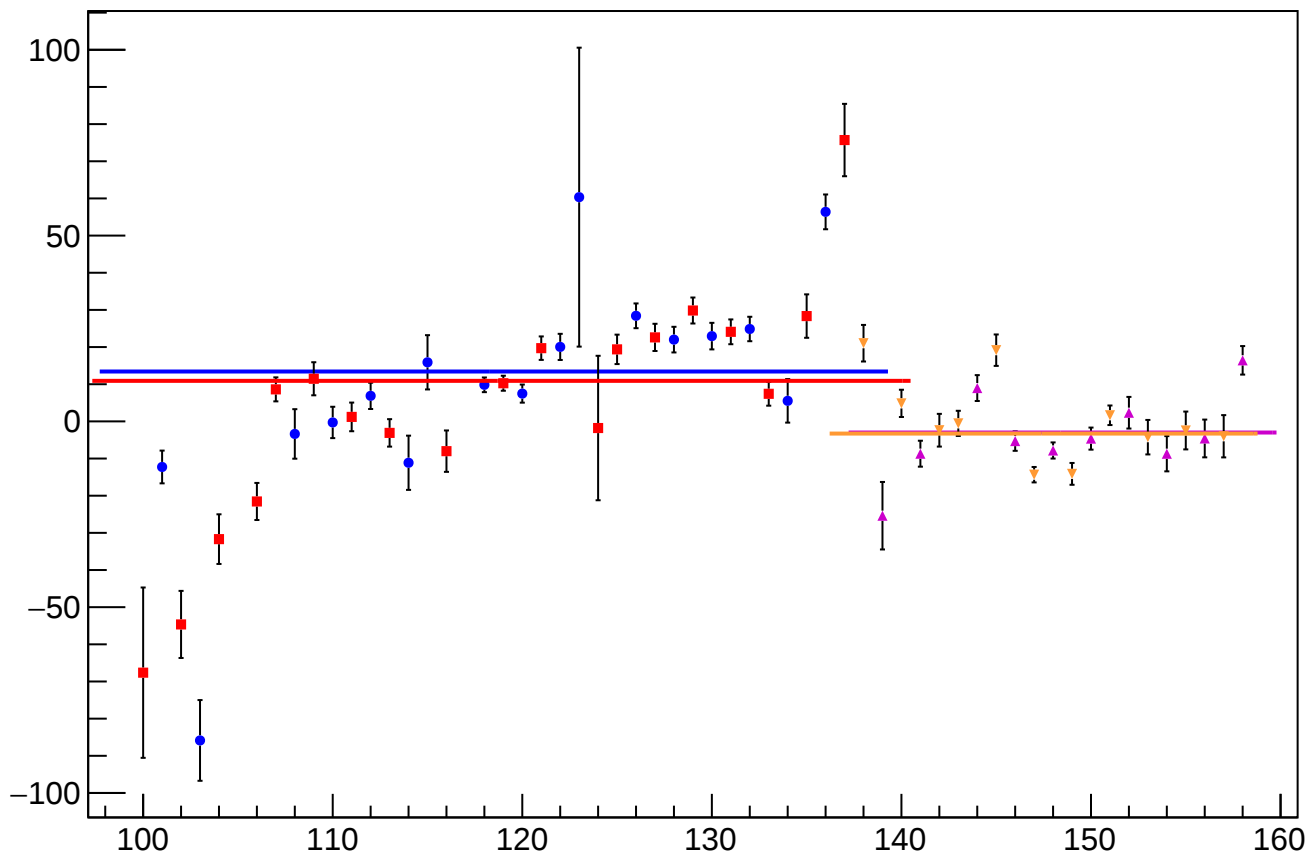
Left In: 260.164+/-1.630 χ^2/NDF :85.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.771+/-1.141 χ^2/NDF : 2468.1/20

- 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 $\chi^2/\text{NDF}: 295.2/16$

Left Out: -3.280 ± 1.043 $\chi^2/\text{NDF}: 103.8/10$

Right Out: 10.908 ± 0.916 $\chi^2/\text{NDF}: 302.6/18$

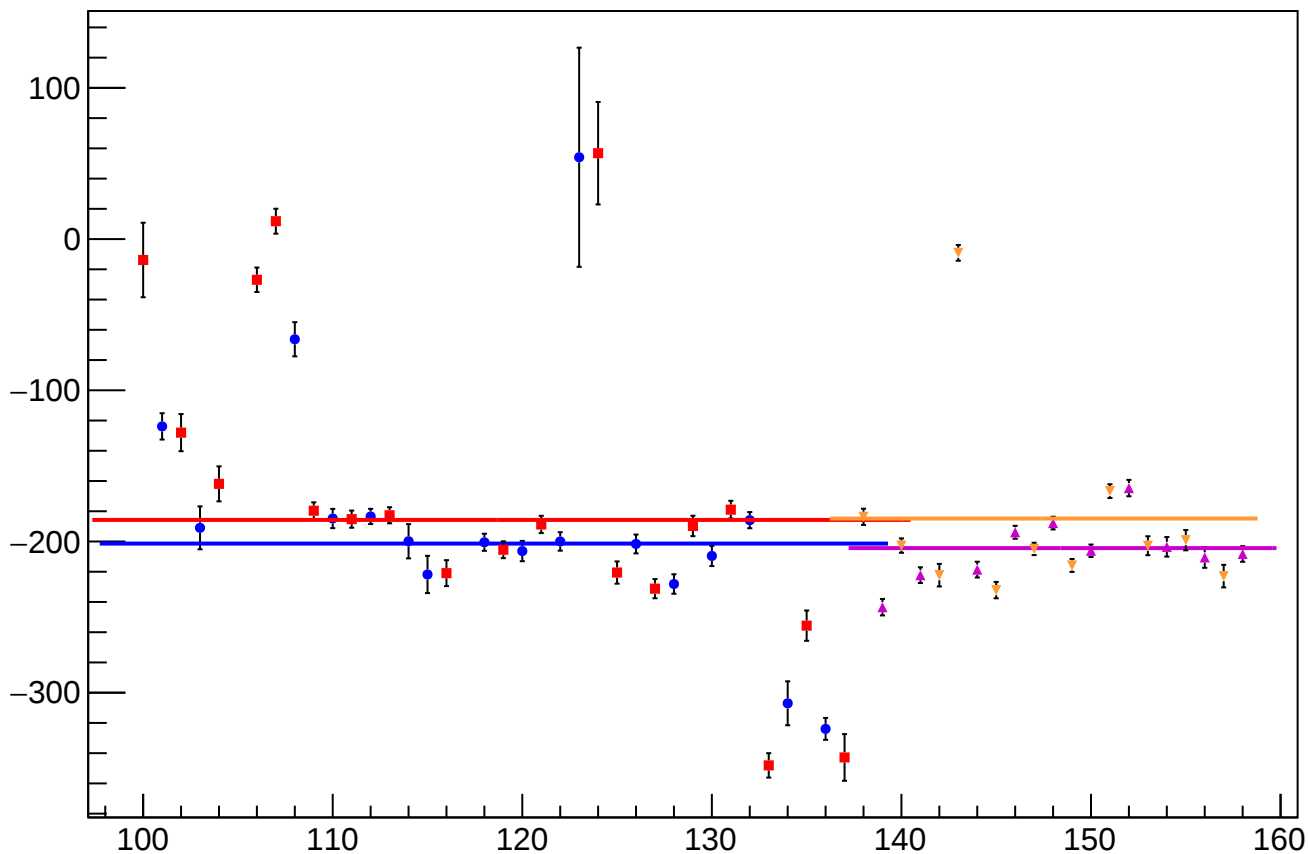
Left In: -2.999 ± 1.082 $\chi^2/\text{NDF}: 55.3/9$

+ sign 6.121 ± 0.690 $\chi^2/\text{NDF}: 543.2/27$

All: 5.619 ± 0.491 $\chi^2/\text{NDF}: 998.4/56$

- sign 5.102 ± 0.699 $\chi^2/\text{NDF}: 454.1/28$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -184.831 ± 1.589 χ^2/NDF : 1389.1/10

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

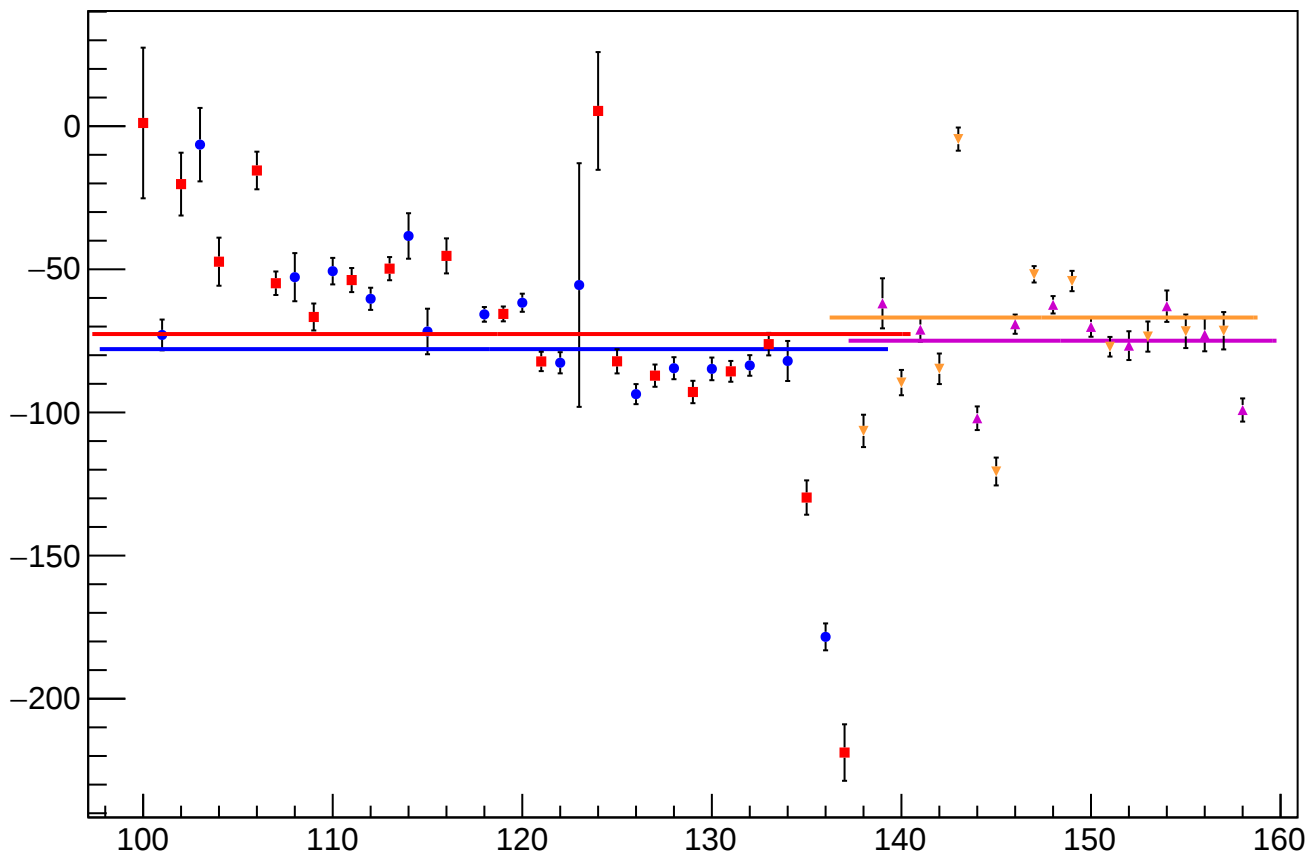
Left In: -204.366 ± 1.593 χ^2/NDF : 147.5/9

+ sign -192.174 ± 1.185 χ^2/NDF : 2060.7/27

All: -193.949 ± 0.830 χ^2/NDF : 4025.8/56

- sign -195.656 ± 1.163 χ^2/NDF : 1960.7/28

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 $\chi^2/\text{NDF}: 658.2/16$

Left Out: -66.839 ± 1.295 $\chi^2/\text{NDF}: 498.8/10$

Right Out: -72.612 ± 1.054 $\chi^2/\text{NDF}: 606.9/18$

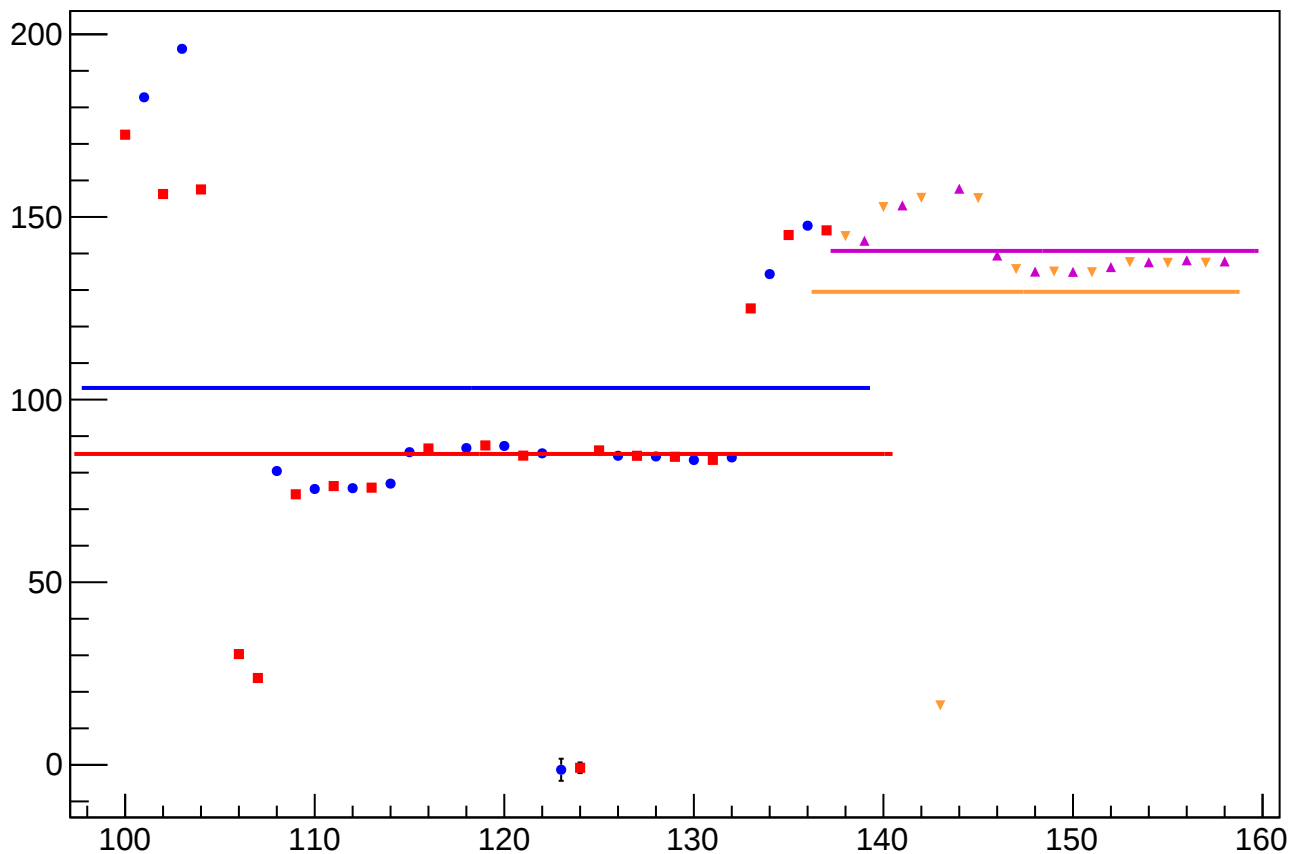
Left In: -74.942 ± 1.320 $\chi^2/\text{NDF}: 109.0/9$

+ sign -73.421 ± 0.823 $\chi^2/\text{NDF}: 1200.3/27$

All: -73.470 ± 0.582 $\chi^2/\text{NDF}: 1918.1/56$

- sign -73.518 ± 0.824 $\chi^2/\text{NDF}: 717.7/28$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 ± 0.070 χ^2/NDF : 273587.8/16

Left Out: 129.506 ± 0.065 χ^2/NDF : 342030.4/10

Right Out: 85.121 ± 0.064 χ^2/NDF : 423521.4/18

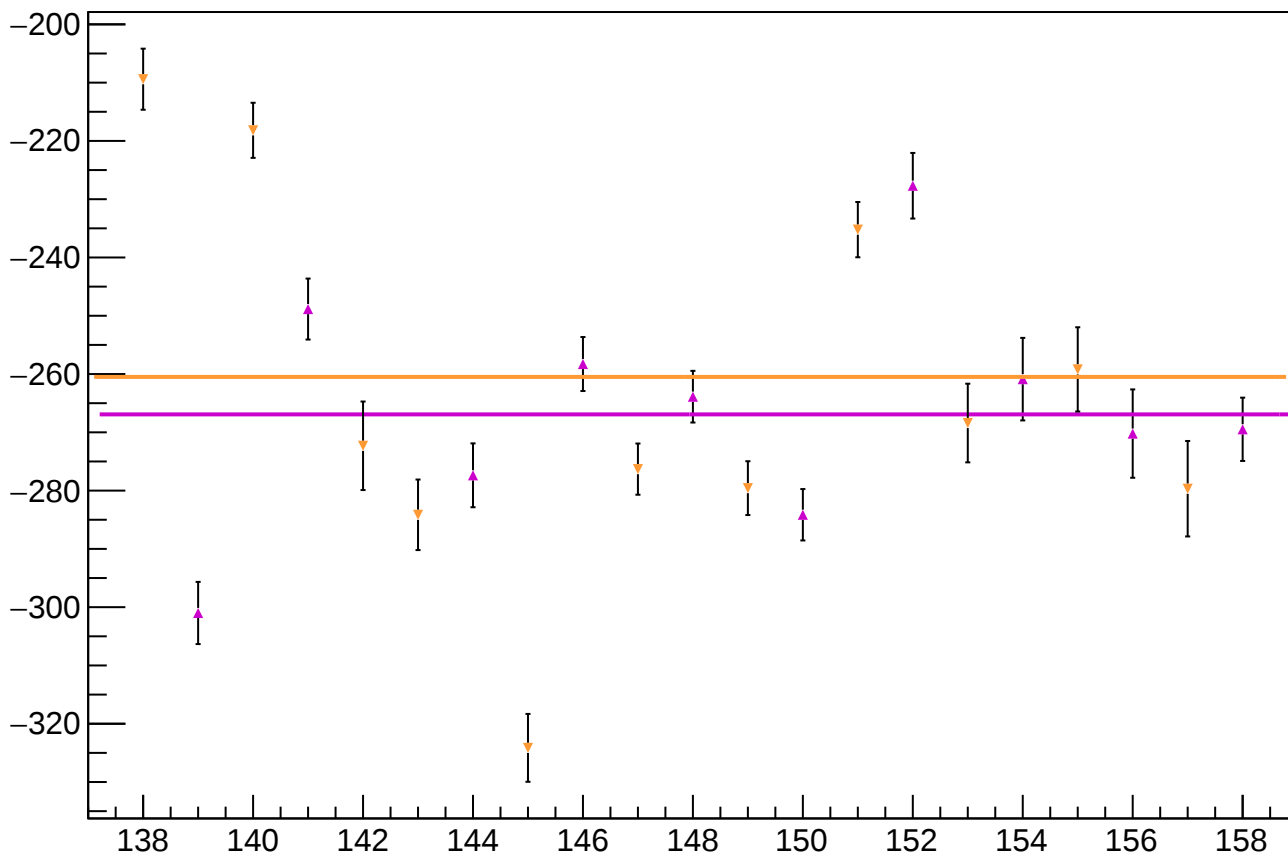
Left In: 140.706 ± 0.064 χ^2/NDF : 12364.4/9

+ sign 117.390 ± 0.048 χ^2/NDF : 691173.2/27

All: 115.045 ± 0.033 χ^2/NDF : 1512654.7/56

- sign 112.959 ± 0.045 χ^2/NDF : 816920.2/28

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -260.489+/-1.679 χ^2/NDF : 377.8/10

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

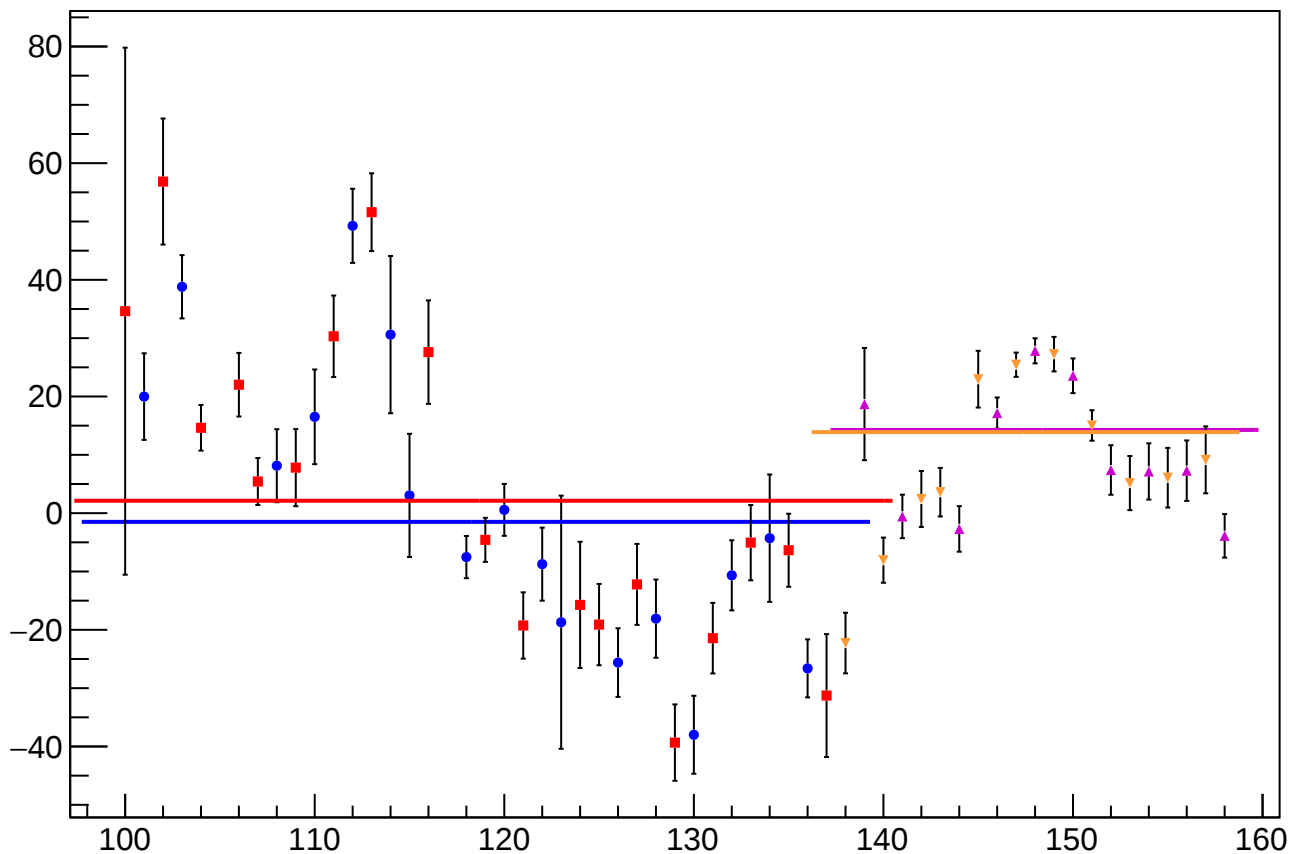
Left In: -266.921+/-1.674 χ^2/NDF : 125.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.715+/-1.186 χ^2/NDF : 510.4/20

- 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: 13.895 ± 1.082 χ^2/NDF : 153.9/10

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

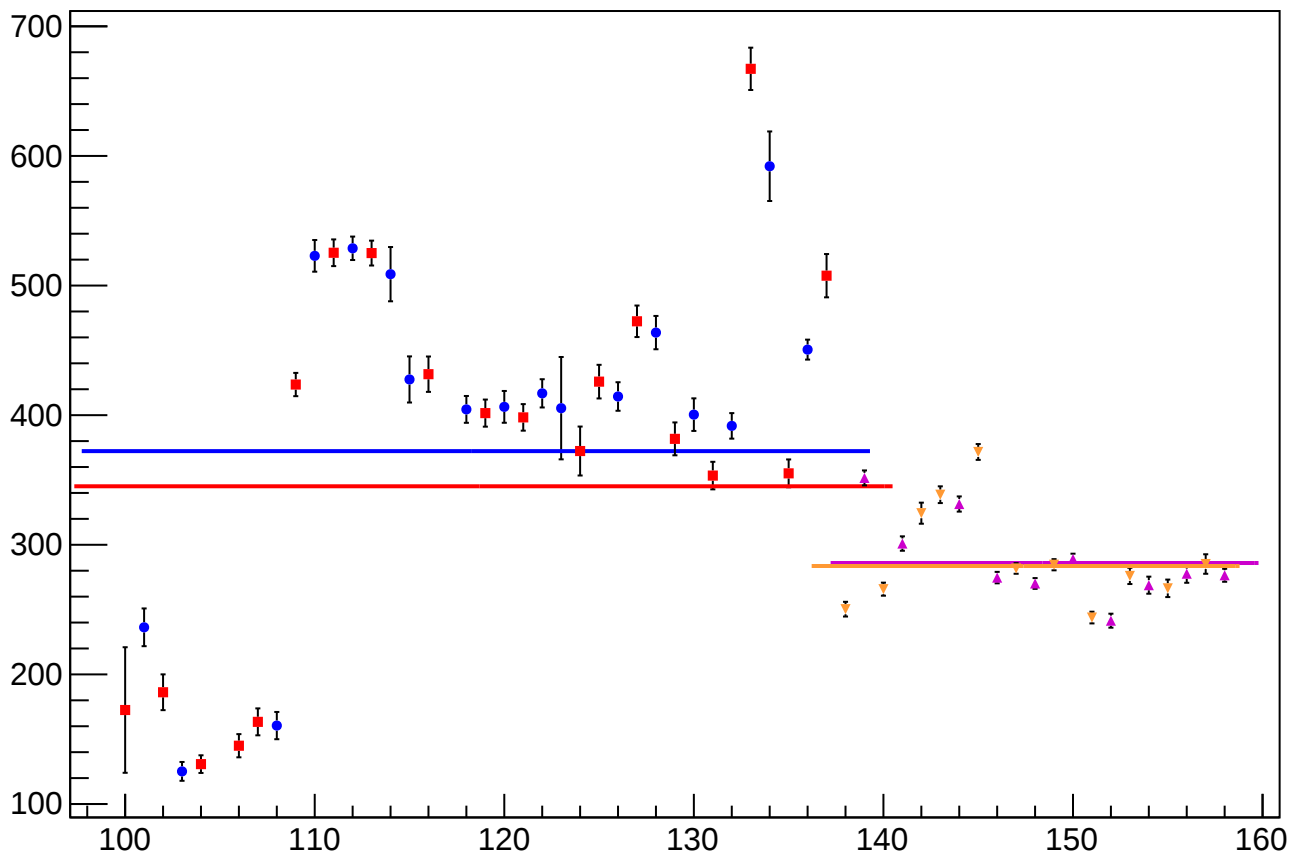
Left In: 14.270 ± 1.101 χ^2/NDF : 115.9/9

+ sign 8.689 ± 0.880 χ^2/NDF : 448.5/27

All: 9.171 ± 0.617 χ^2/NDF : 844.0/56

- sign 9.639 ± 0.866 χ^2/NDF : 394.9/28

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 283.633 $\pm$ 1.658 χ^2 /NDF:437.9/10

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

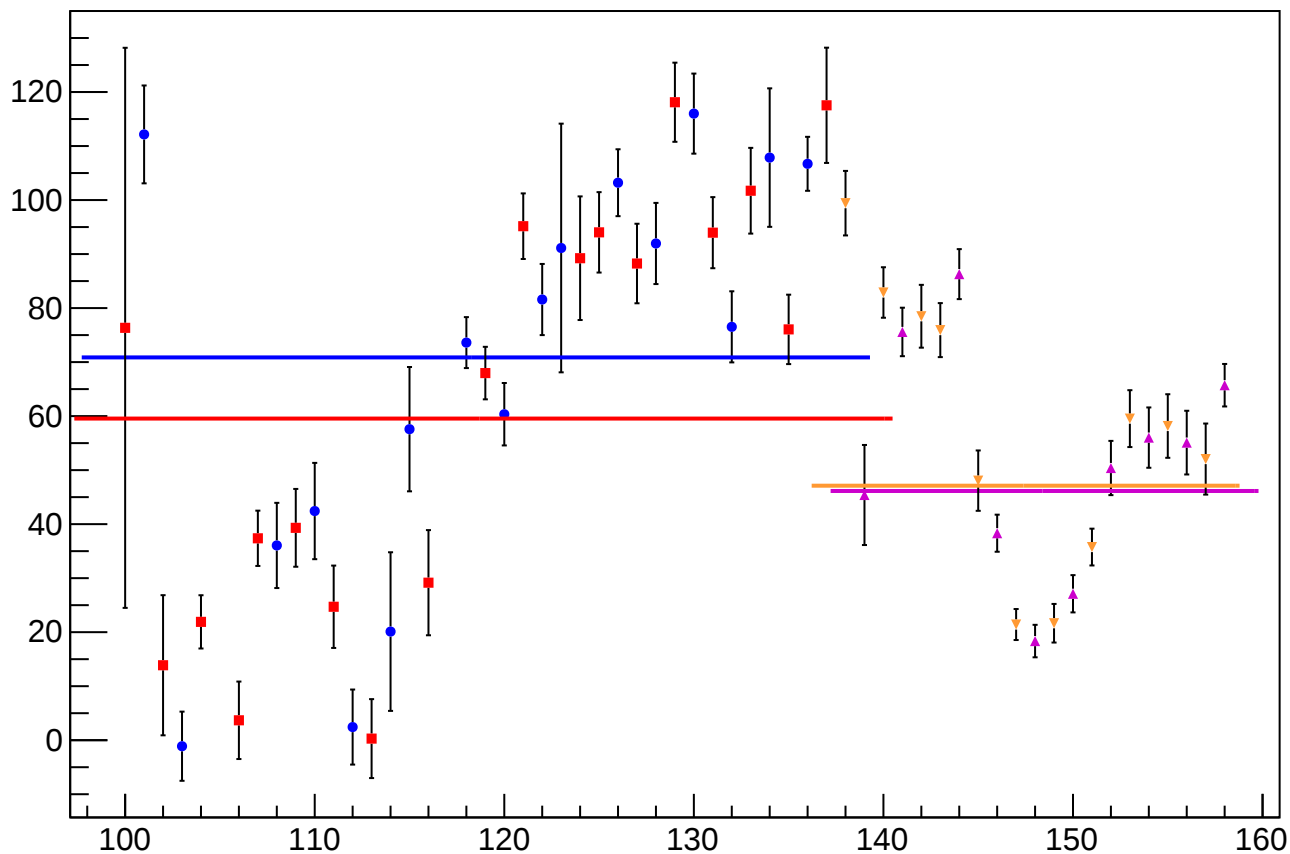
Left In: 285.942 $\pm$ 1.629 χ^2 /NDF:298.1/9

+ sign 307.150 $\pm$ 1.421 χ^2 /NDF: 3628.9/27

All: 304.996 $\pm$ 0.988 χ^2 /NDF: 7728.0/56

- sign 302.981 $\pm$ 1.375 χ^2 /NDF: 4094.7/28

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 47.118 $\pm$ 1.349 χ^2 /NDF: 349.3/10

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

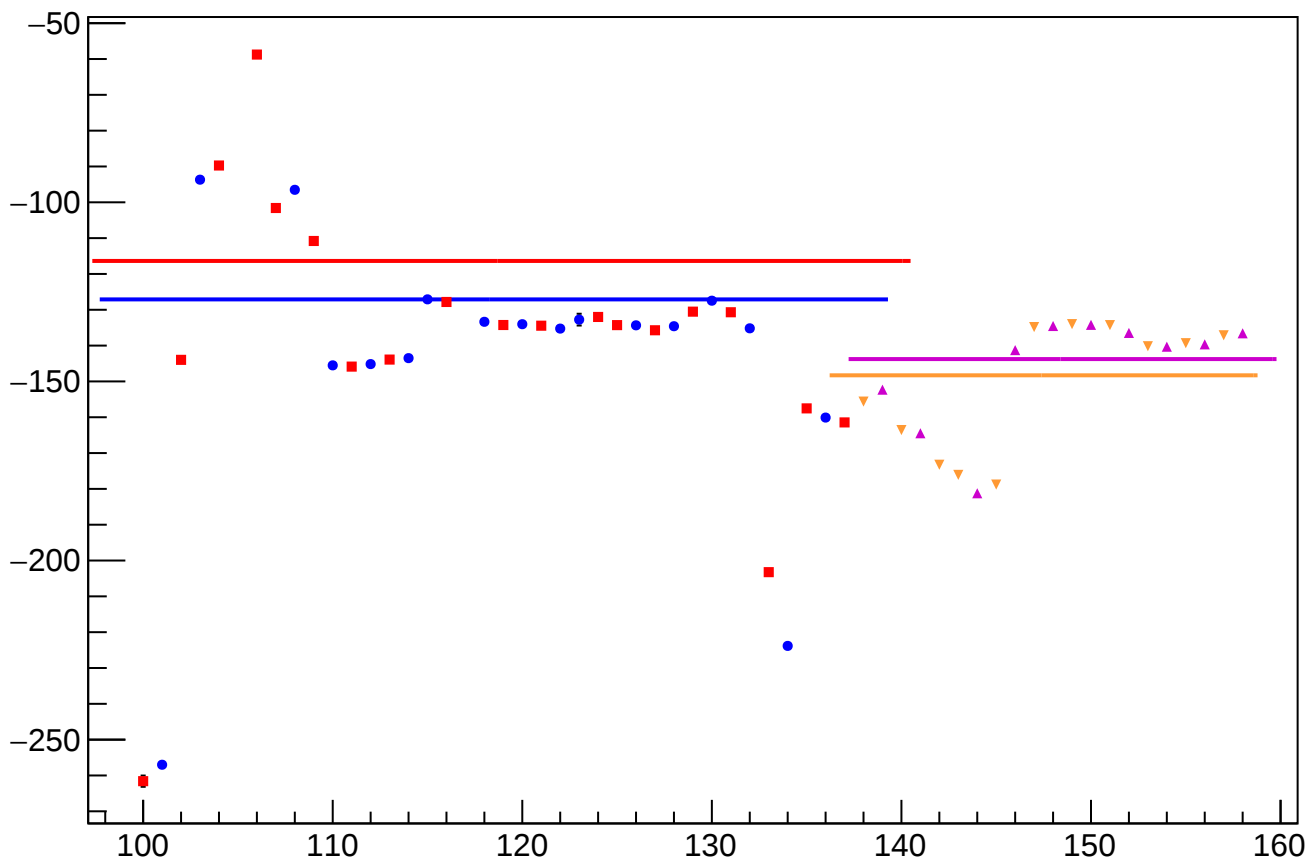
Left In: 46.138 $\pm$ 1.345 χ^2 /NDF: 270.2/9

+ sign 56.017 $\pm$ 1.067 χ^2 /NDF: 892.4/27

All: 53.727 $\pm$ 0.744 χ^2 /NDF: 1702.5/56

- sign 51.559 $\pm$ 1.038 χ^2 /NDF: 801.2/28

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 $\pm$ 0.089 χ^2 /NDF: 167064.7/16

Left Out: -148.296 $\pm$ 0.068 χ^2 /NDF: 59622.5/10

Right Out: -116.369 $\pm$ 0.083 χ^2 /NDF: 167595.6/18

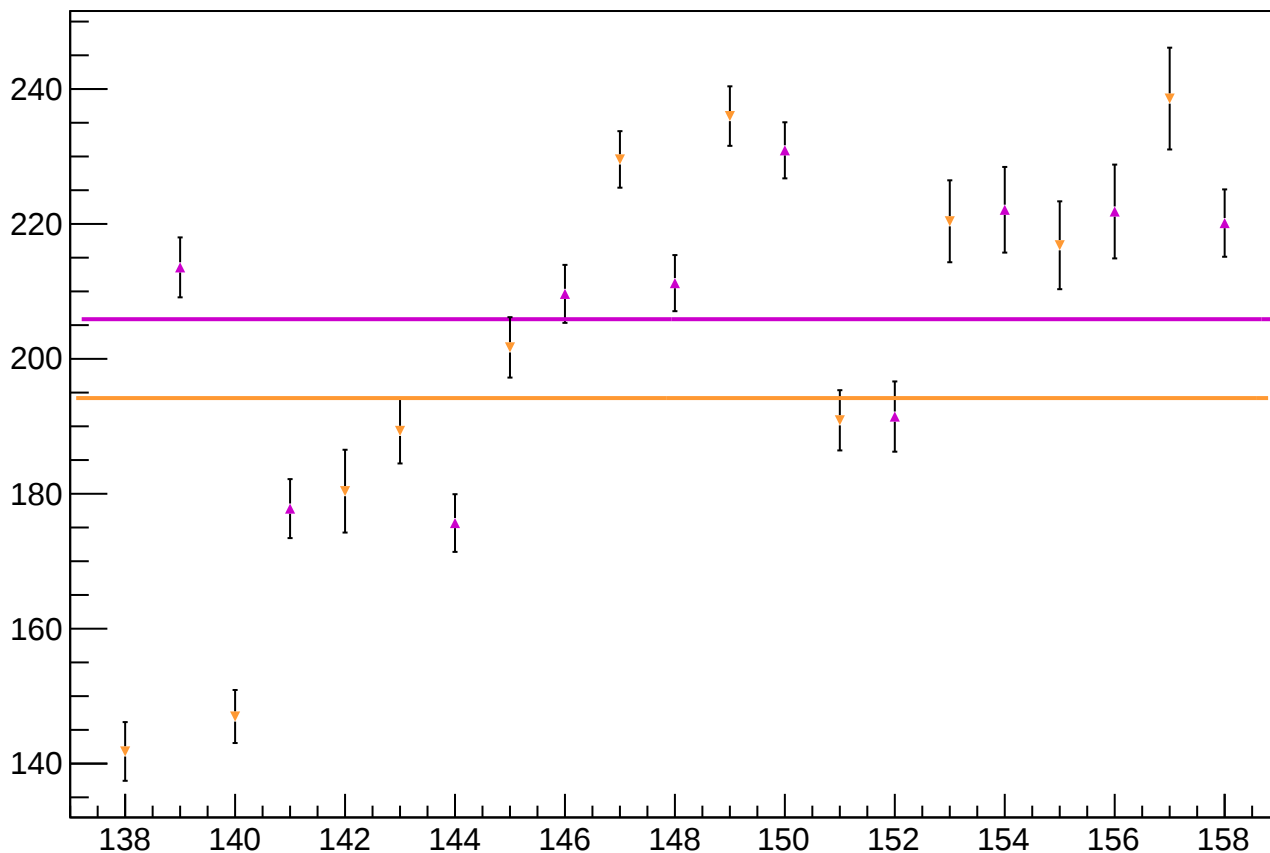
Left In: -143.764 $\pm$ 0.065 χ^2 /NDF: 40662.8/9

+ sign -140.536 $\pm$ 0.054 χ^2 /NDF: 262273.6/27

All: -136.735 $\pm$ 0.037 χ^2 /NDF: 547479.3/56

- sign -133.338 $\pm$ 0.051 χ^2 /NDF: 275863.4/28

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 194.186+/-1.469 χ^2/NDF : 525.0/10

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

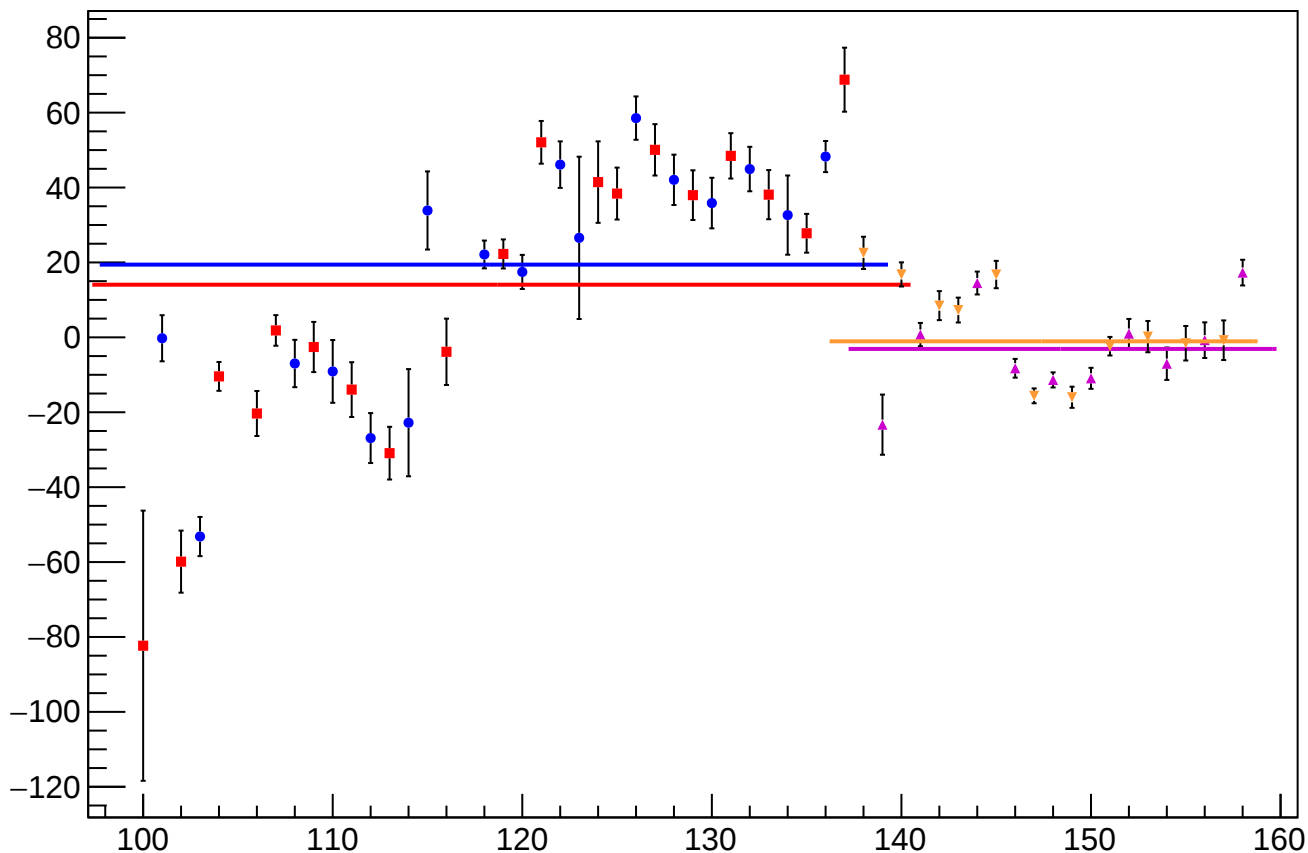
Left In: 205.880+/-1.491 χ^2/NDF : 160.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.946+/-1.046 χ^2/NDF : 716.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 ± 1.480 χ^2/NDF : 441.1/16

Left Out: -1.060 ± 0.969 χ^2/NDF : 179.1/10

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

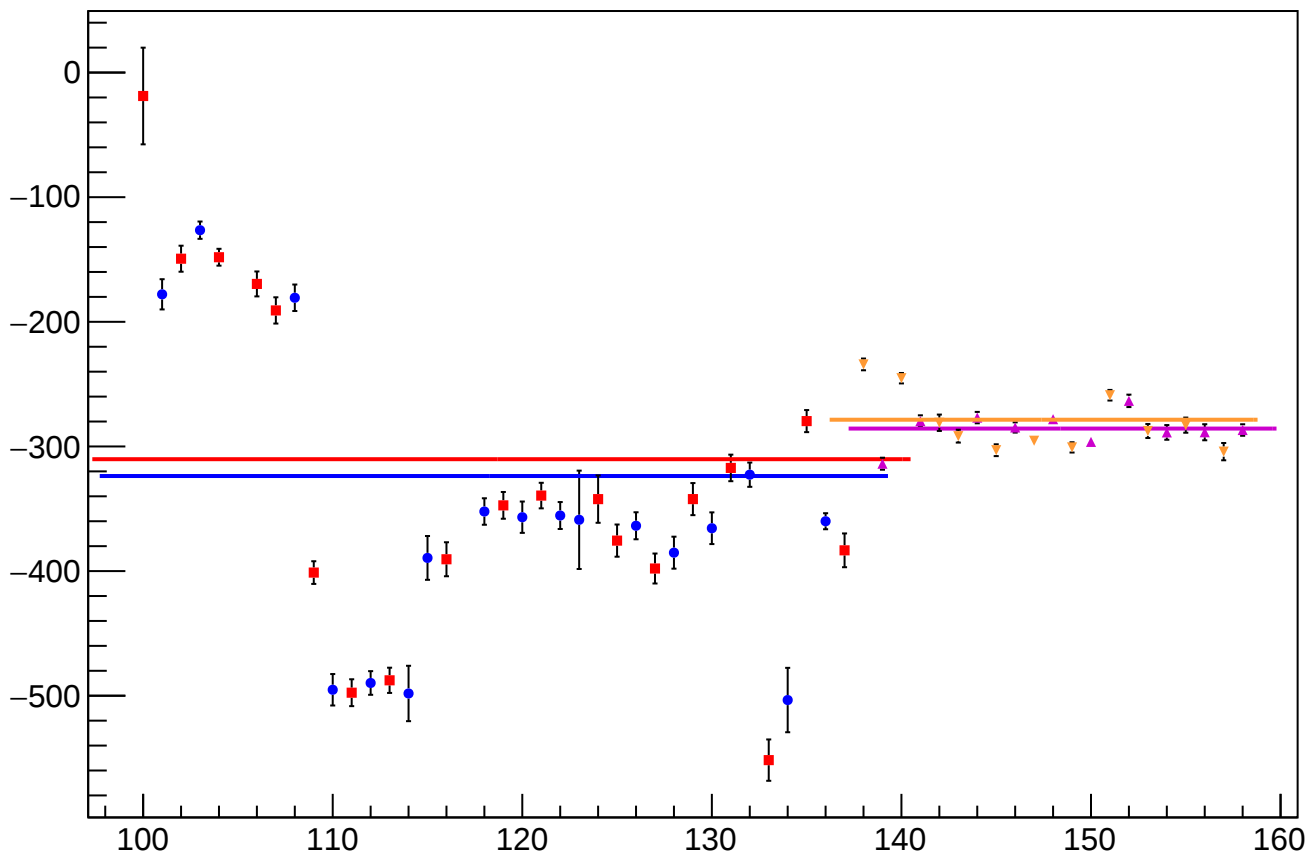
Left In: -3.093 ± 0.997 χ^2/NDF : 107.4/9

+ sign 5.087 ± 0.811 χ^2/NDF : 754.2/27

All: 3.904 ± 0.573 χ^2/NDF : 1402.7/56

- sign 2.722 ± 0.811 χ^2/NDF : 644.2/28

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -278.548 ± 1.465 χ^2/NDF : 270.7/10

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

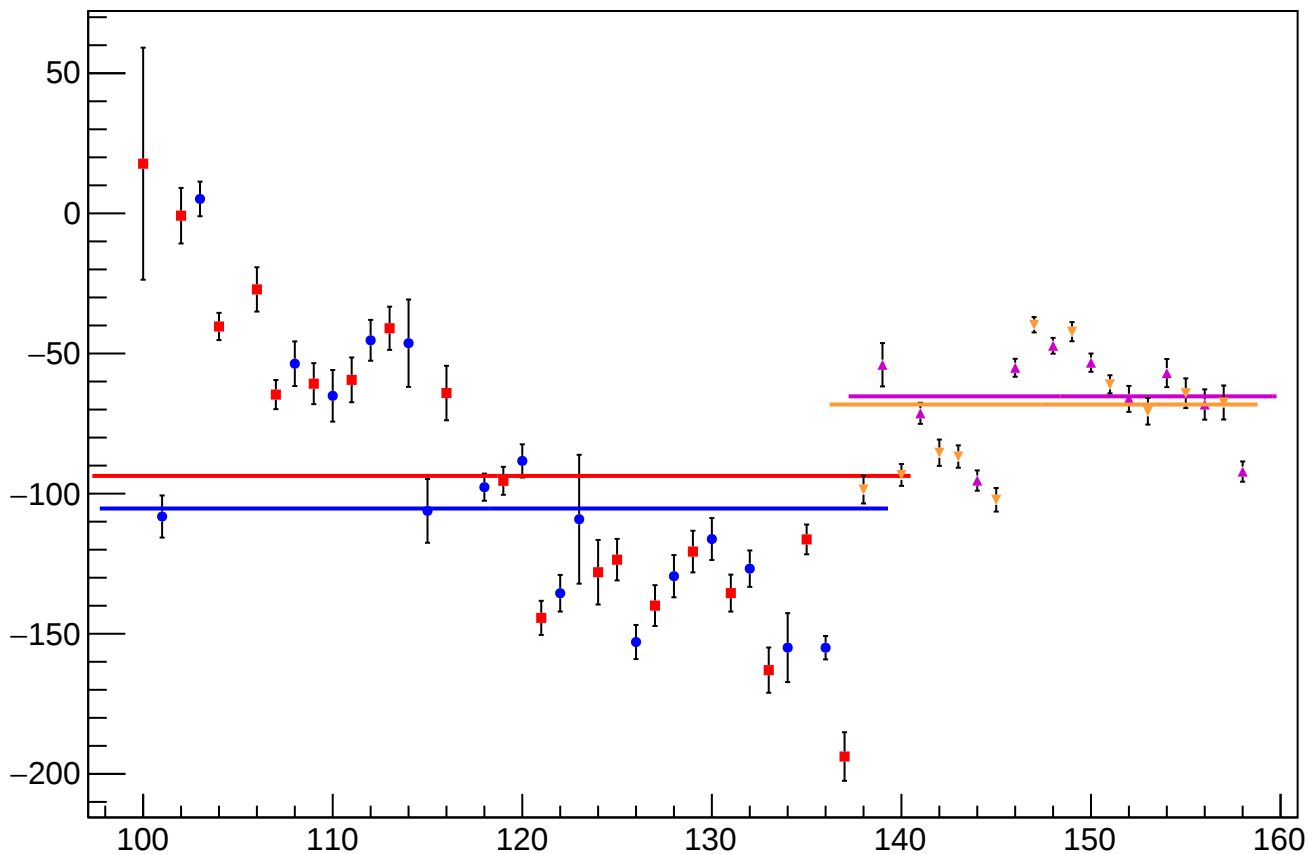
Left In: -285.653 ± 1.461 χ^2/NDF : 71.5/9

+ sign -289.012 ± 1.284 χ^2/NDF : 2341.7/27

All: -290.439 ± 0.901 χ^2/NDF : 4786.6/56

- sign -291.823 ± 1.264 χ^2/NDF : 2442.5/28

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF : 737.5/16

Left Out: -68.194+/-1.200 χ^2/NDF : 351.7/10

Right Out: -93.680+/-1.612 χ^2/NDF : 826.5/18

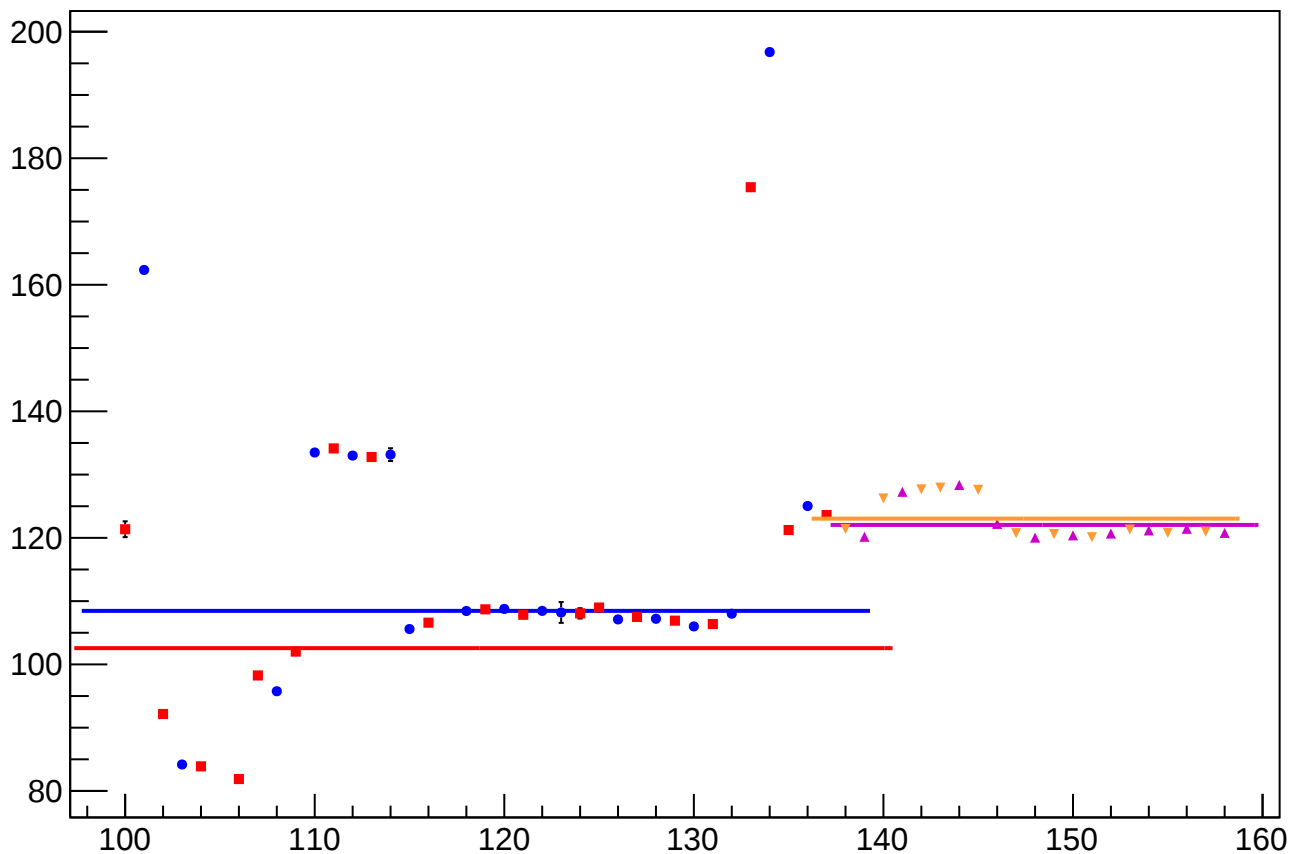
Left In: -65.289+/-1.214 χ^2/NDF : 196.5/9

+ sign -80.602+/-0.979 χ^2/NDF : 1409.0/27

All: -78.060+/-0.689 χ^2/NDF : 2643.4/56

- sign -75.566+/-0.970 χ^2/NDF : 1221.0/28

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 ± 0.085 $\chi^2/\text{NDF}: 73302.1/16$

Left Out: 123.039 ± 0.060 $\chi^2/\text{NDF}: 2702.8/10$

Right Out: 102.570 ± 0.079 $\chi^2/\text{NDF}: 53143.8/18$

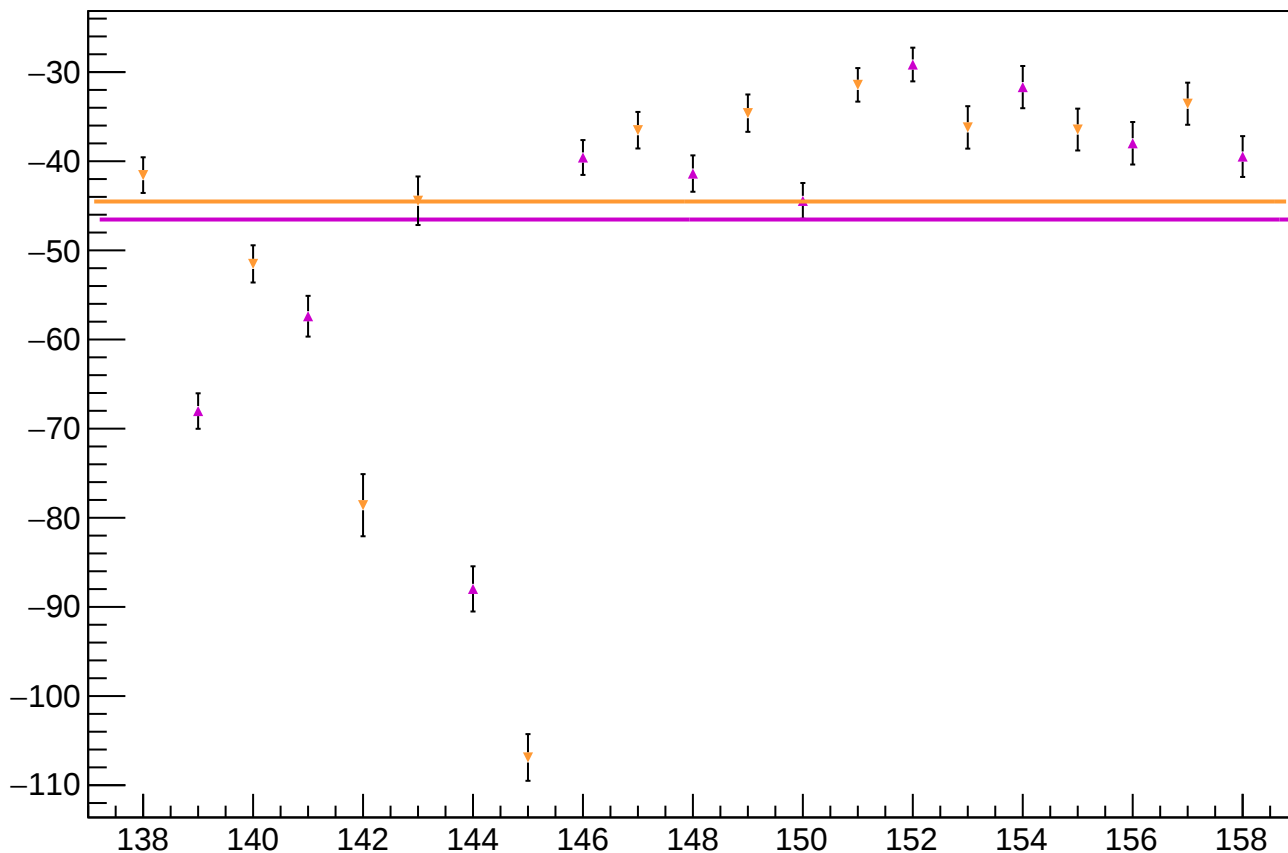
Left In: 122.045 ± 0.058 $\chi^2/\text{NDF}: 2273.5/9$

+ sign 118.193 ± 0.049 $\chi^2/\text{NDF}: 95774.3/27$

All: 116.661 ± 0.034 $\chi^2/\text{NDF}: 192180.6/56$

- sign 115.245 ± 0.047 $\chi^2/\text{NDF}: 94512.2/28$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -44.518+/-0.686 χ^2/NDF : 807.6/10

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

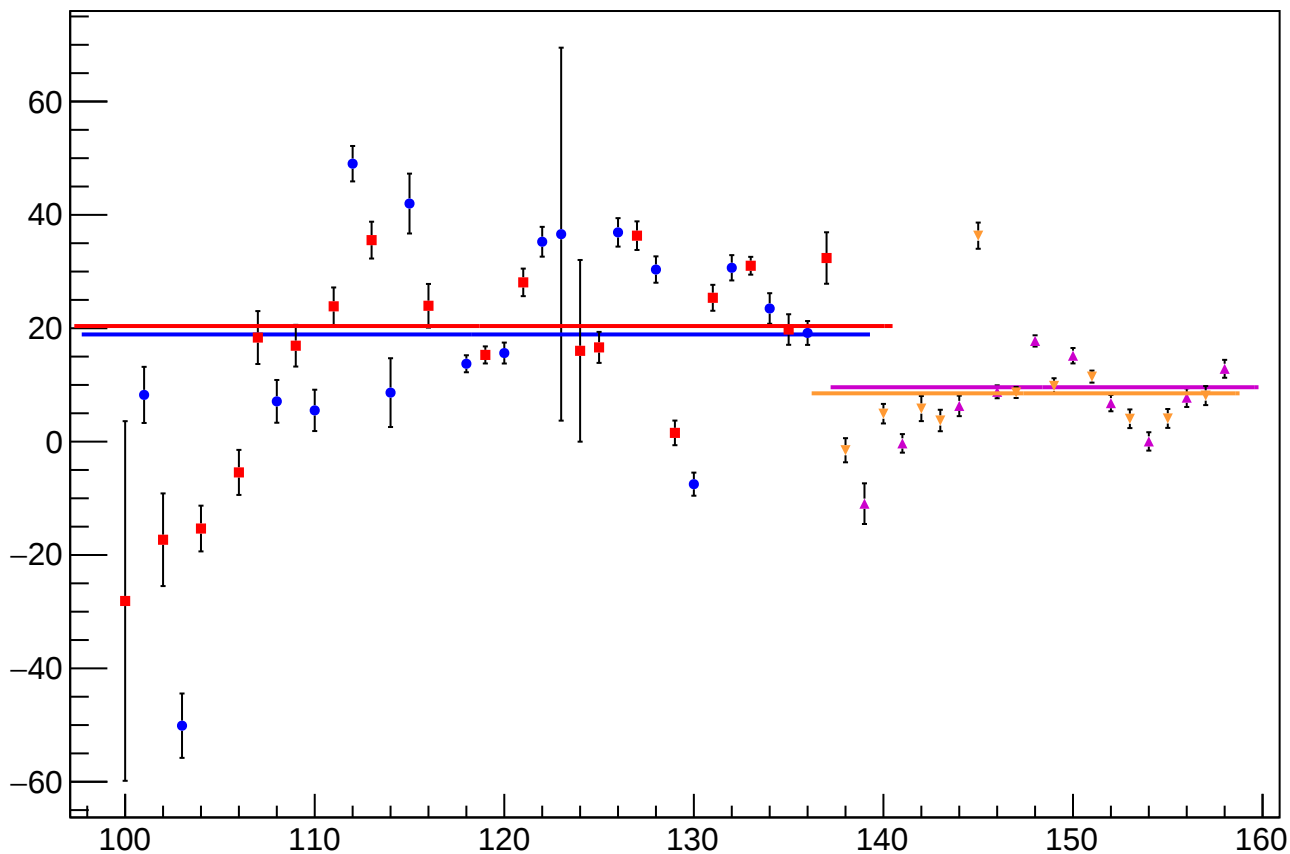
Left In: -46.540+/-0.678 χ^2/NDF : 572.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.540+/-0.482 χ^2/NDF : 1384.6/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 ± 0.644 χ^2/NDF : 618.9/16

Left Out: 8.517 ± 0.456 χ^2/NDF : 202.5/10

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

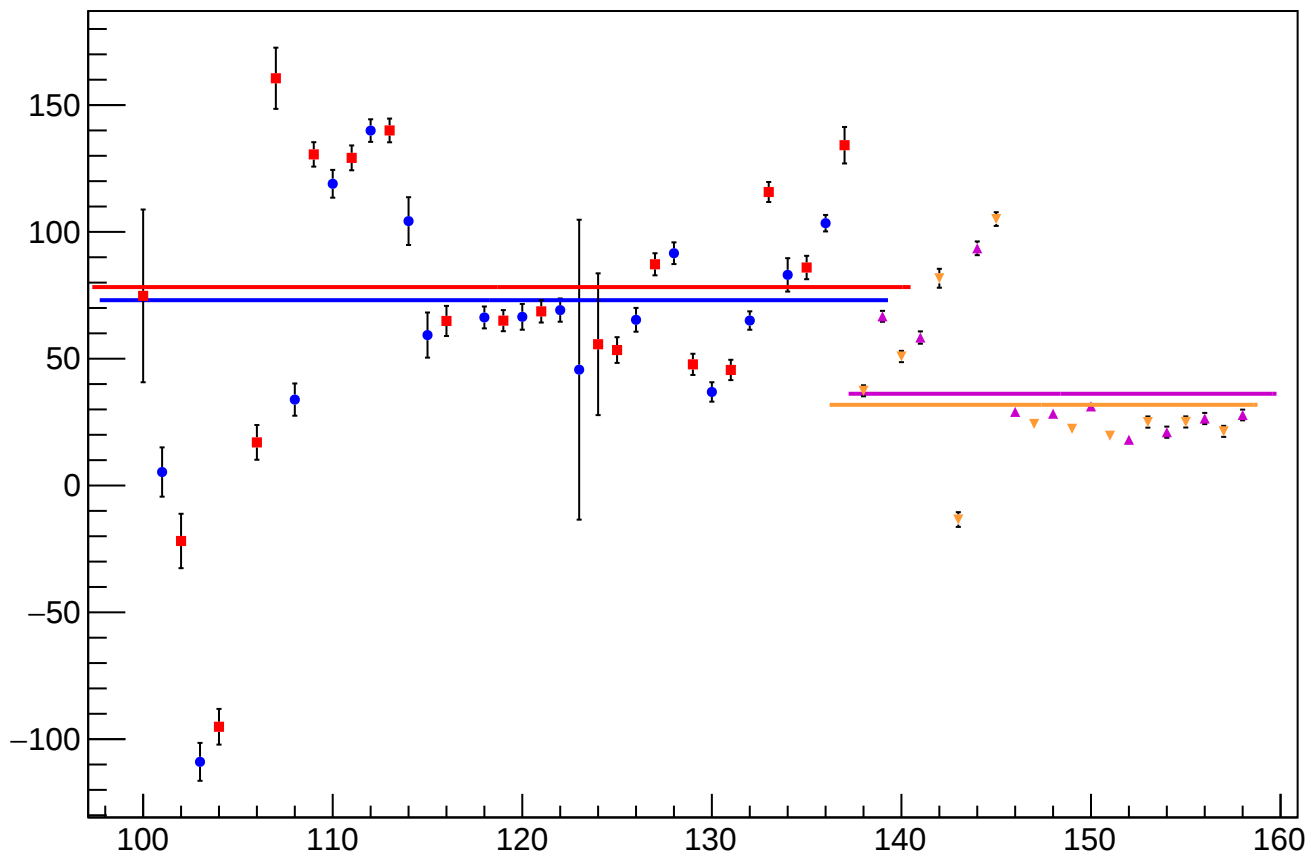
Left In: 9.595 ± 0.460 χ^2/NDF : 201.7/9

+ sign 11.994 ± 0.372 χ^2/NDF : 994.9/27

All: 12.617 ± 0.264 χ^2/NDF : 1753.5/56

- sign 13.246 ± 0.374 χ^2/NDF : 753.0/28

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 31.820 $\pm$ 0.673 χ^2 /NDF:1361.1/10

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

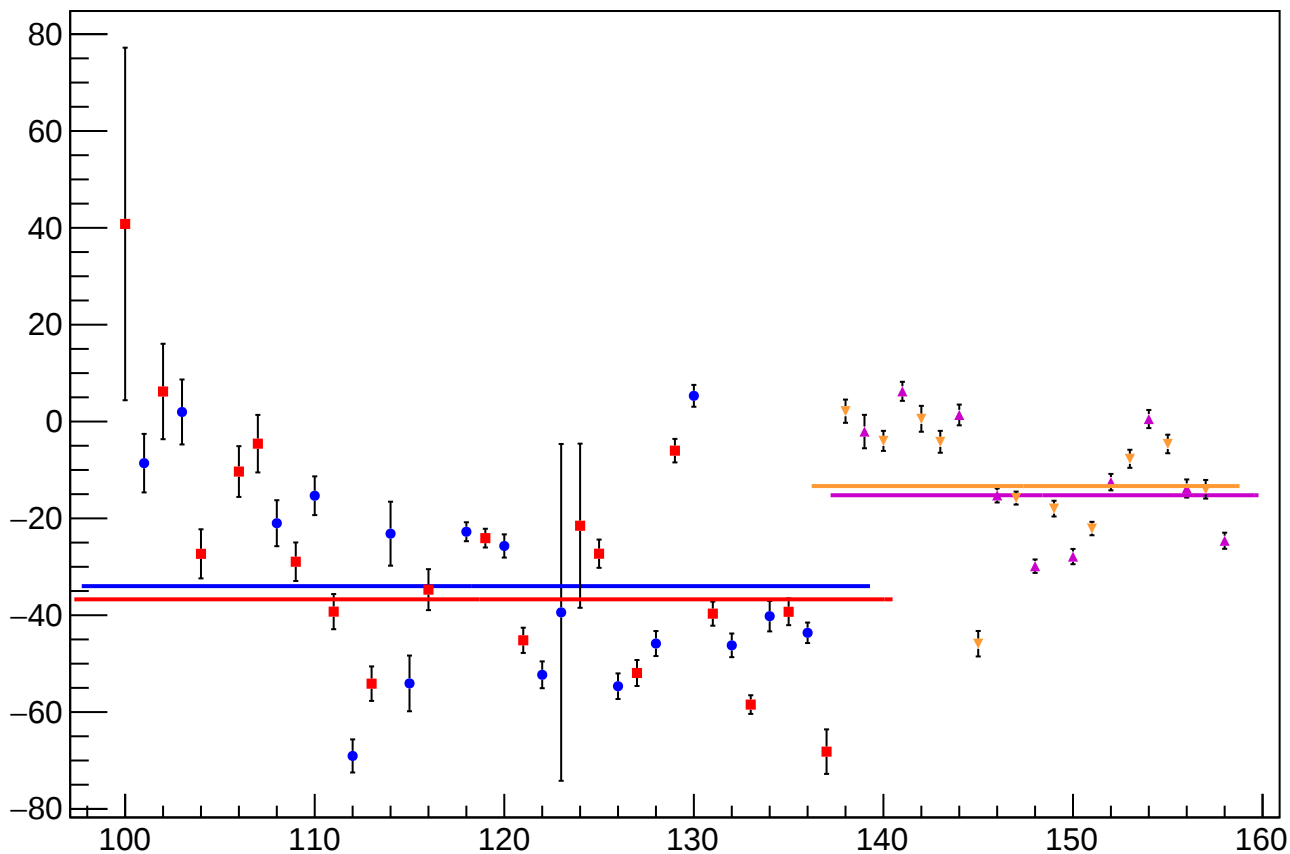
Left In: 36.177 $\pm$ 0.659 χ^2 /NDF:952.6/9

+ sign 41.351 $\pm$ 0.590 χ^2 /NDF: 3429.1/27

All: 43.536 $\pm$ 0.414 χ^2 /NDF: 6868.6/56

- sign 45.647 $\pm$ 0.580 χ^2 /NDF: 3412.6/28

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.326 ± 0.561 χ^2/NDF : 339.7/10

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

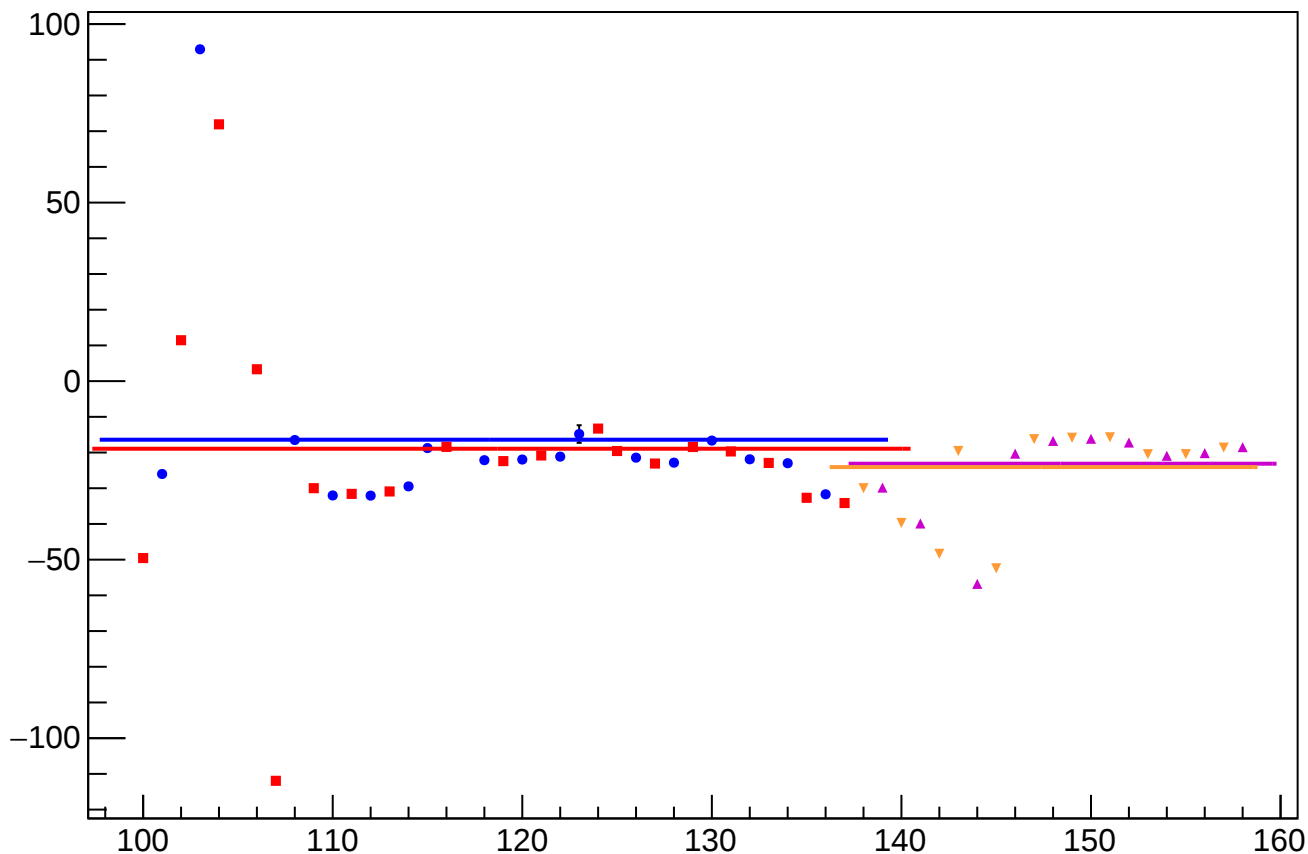
Left In: -15.222 ± 0.556 χ^2/NDF : 475.2/9

+ sign -20.925 ± 0.446 χ^2/NDF : 1557.6/27

All: -21.981 ± 0.315 χ^2/NDF : 3129.1/56

- sign -23.025 ± 0.444 χ^2/NDF : 1560.4/28

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -24.078 ± 0.027 $\chi^2/\text{NDF}: 167229.3/10$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

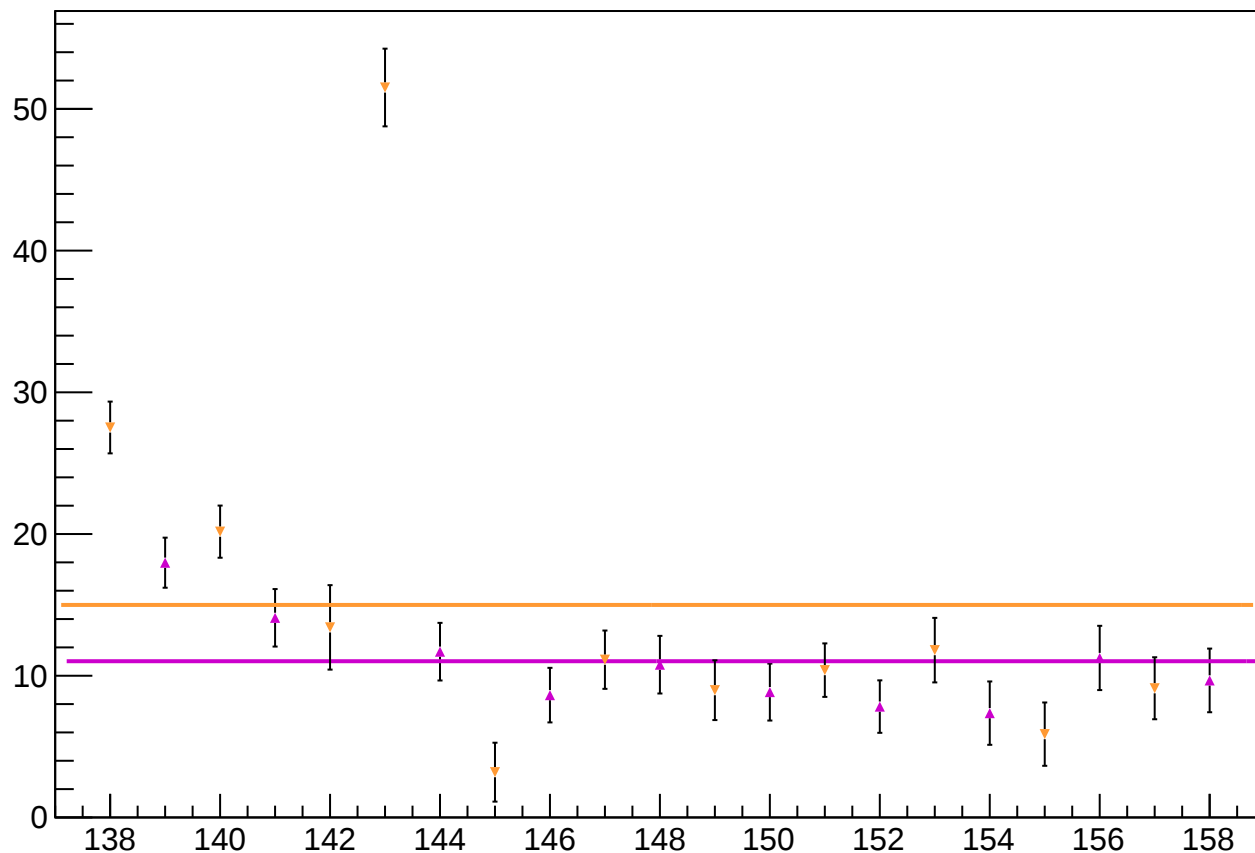
Left In: -23.127 ± 0.026 $\chi^2/\text{NDF}: 144654.7/9$

+ sign -22.040 ± 0.023 $\chi^2/\text{NDF}: 663490.7/27$

All: -22.071 ± 0.016 $\chi^2/\text{NDF}: 1248788.8/56$

- sign -22.101 ± 0.022 $\chi^2/\text{NDF}: 585294.5/28$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 14.997+/-0.643 χ^2/NDF : 308.3/10

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

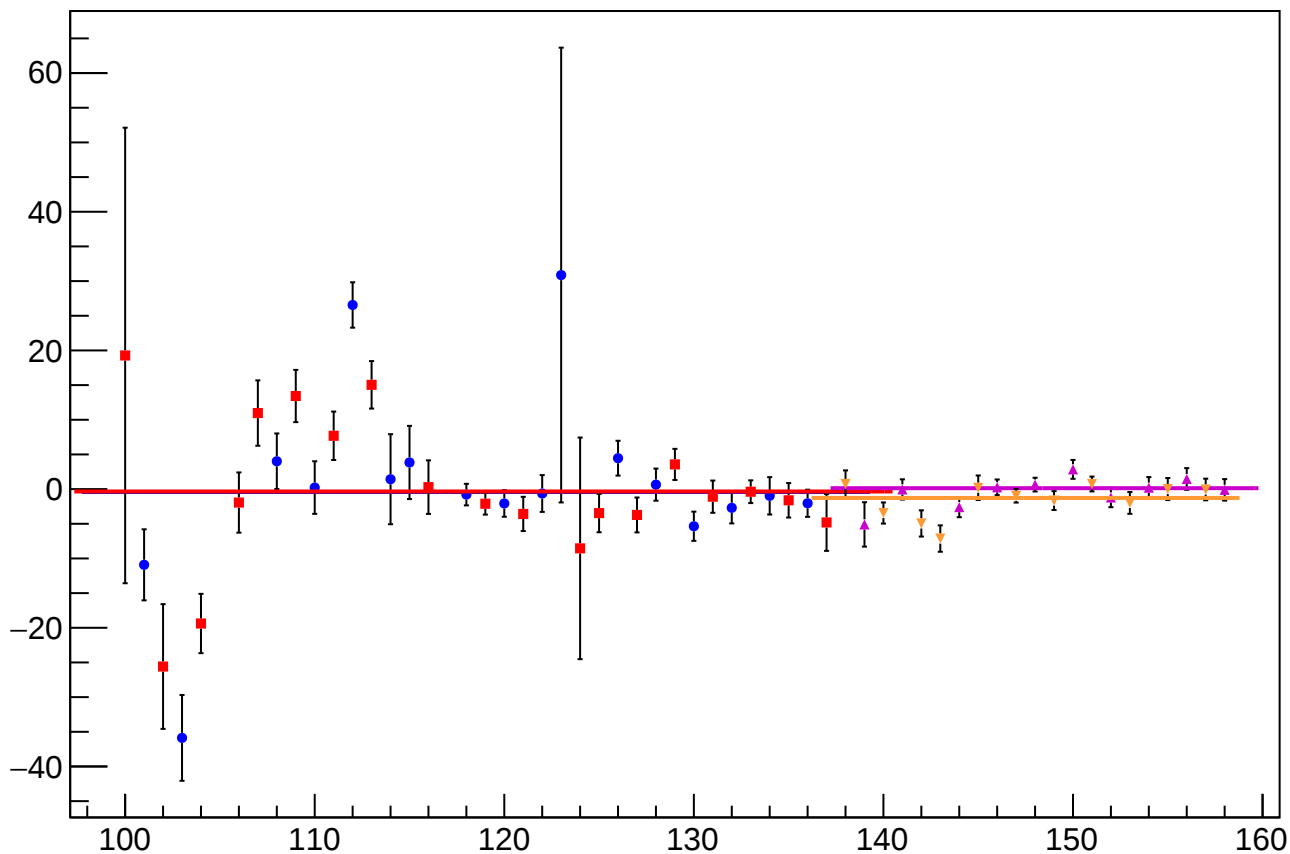
Left In: 11.025+/-0.639 χ^2/NDF : 26.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.997+/-0.453 χ^2/NDF : 354.1/20

- 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: -1.274 ± 0.437 χ^2/NDF : 22.2/10

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

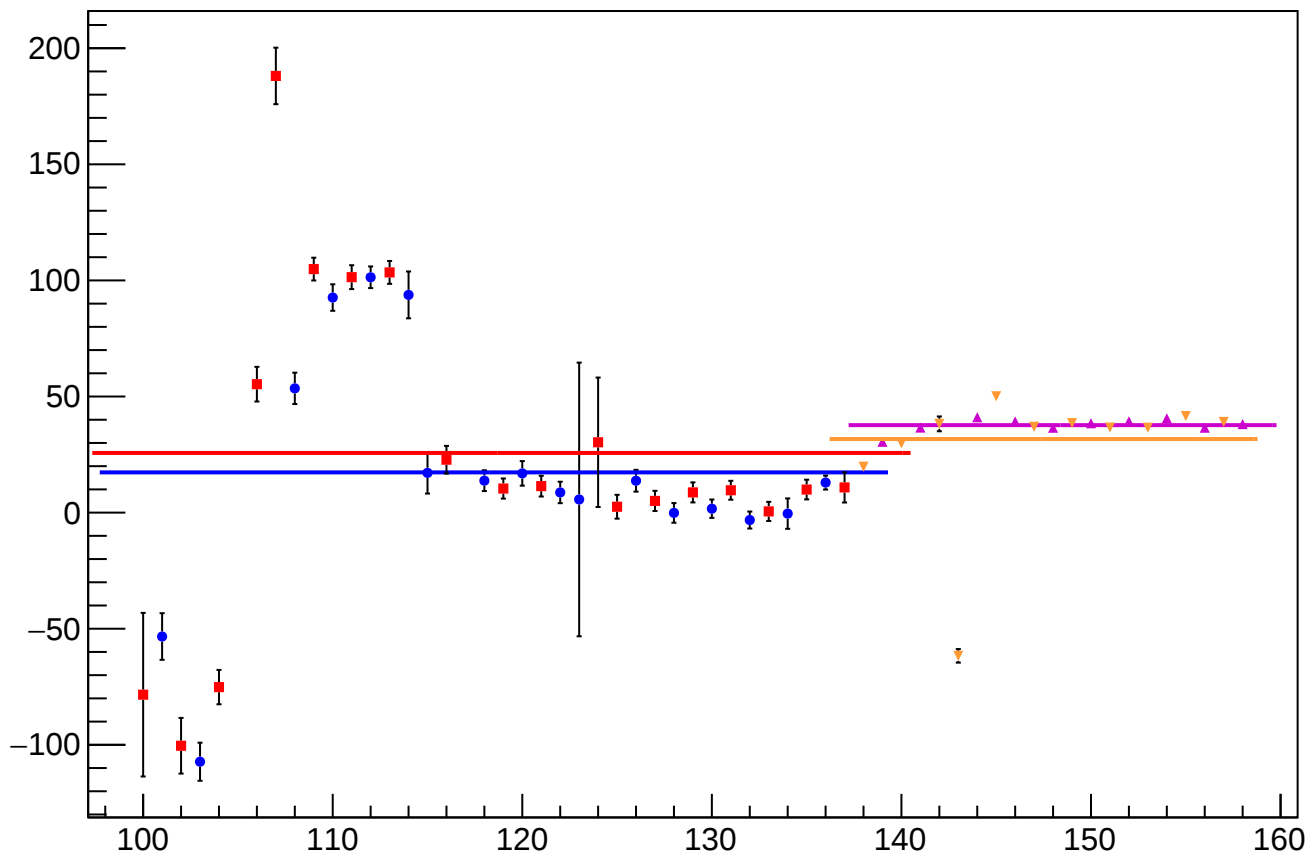
Left In: 0.133 ± 0.441 χ^2/NDF : 12.1/9

+ sign -1.008 ± 0.363 χ^2/NDF : 143.3/27

All: -0.515 ± 0.258 χ^2/NDF : 243.2/56

- sign -0.014 ± 0.366 χ^2/NDF : 96.2/28

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328 $\pm$ 1.239 χ^2 /NDF: 943.2/16

Left Out: 31.690 $\pm$ 0.636 χ^2 /NDF: 1199.0/10

Right Out: 25.701 $\pm$ 1.243 χ^2 /NDF: 1379.1/18

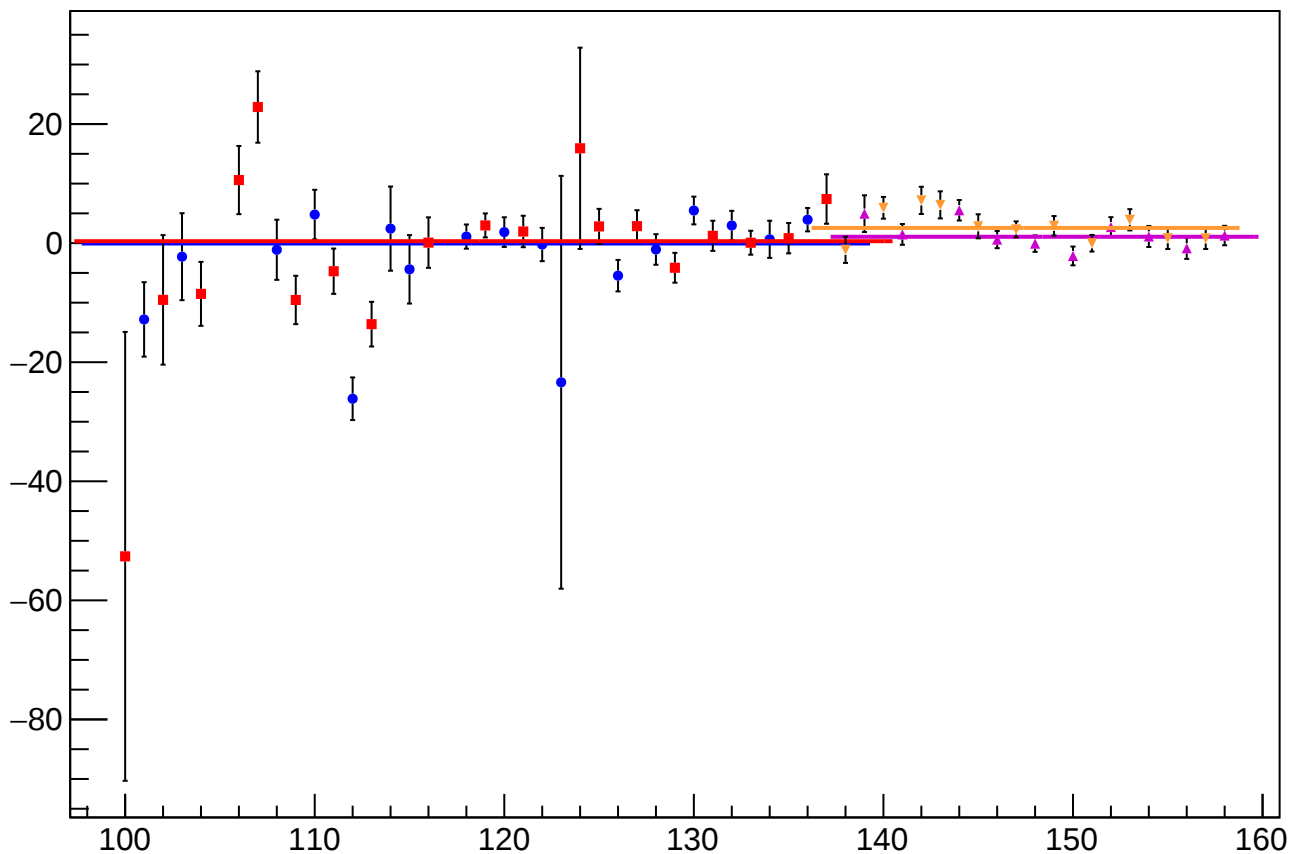
Left In: 37.674 $\pm$ 0.625 χ^2 /NDF: 21.2/9

+ sign 28.697 $\pm$ 0.565 χ^2 /NDF: 2248.6/27

All: 32.020 $\pm$ 0.397 χ^2 /NDF: 3791.2/56

- sign 35.258 $\pm$ 0.558 χ^2 /NDF: 1474.4/28

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.556 ± 0.534 χ^2/NDF : 19.1/10

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

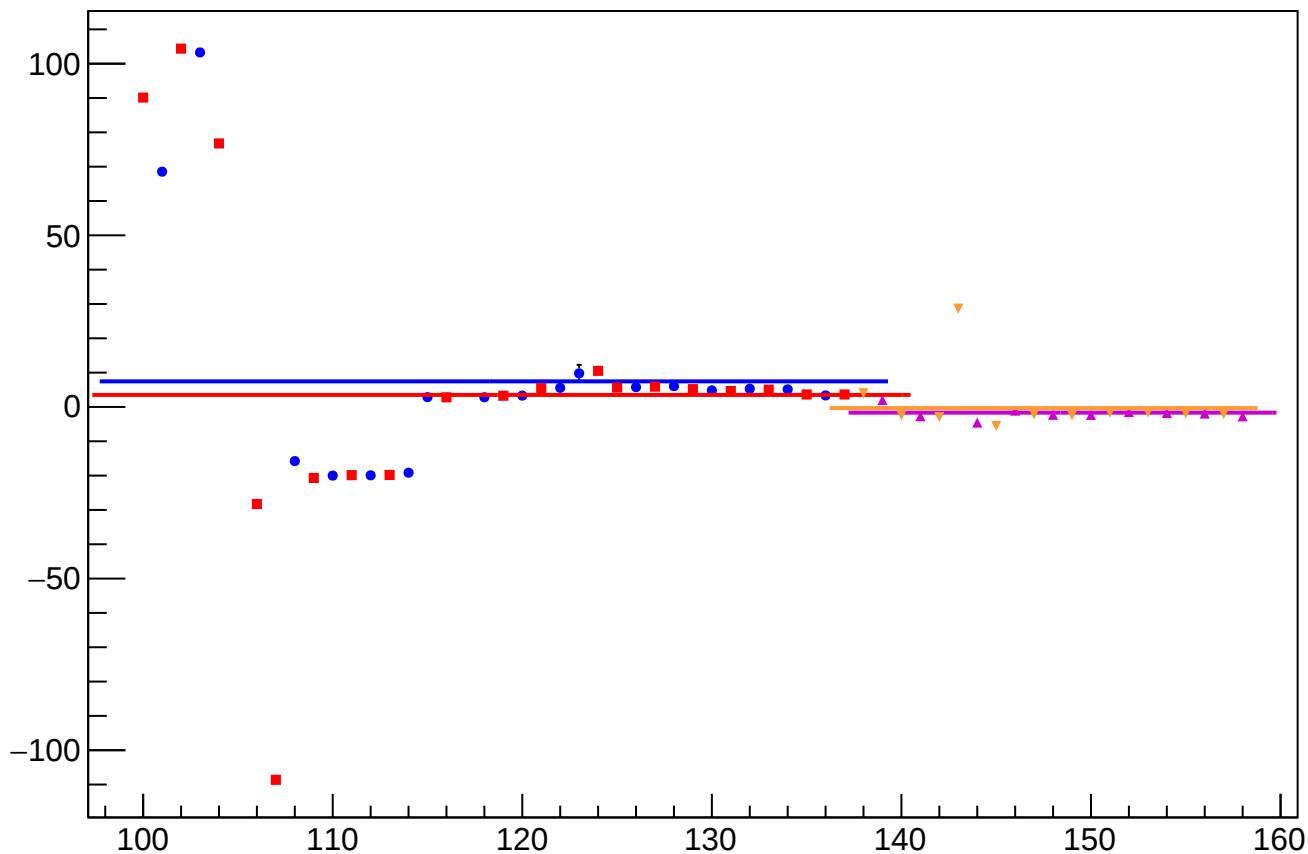
Left In: 1.068 ± 0.531 χ^2/NDF : 15.5/9

+ sign 1.665 ± 0.434 χ^2/NDF : 103.8/27

All: 1.242 ± 0.307 χ^2/NDF : 177.0/56

- sign 0.820 ± 0.433 χ^2/NDF : 71.2/28

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 χ^2/NDF : 356053.3/16

Left Out: -0.316 ± 0.025 χ^2/NDF : 71883.7/10

Right Out: 3.502 ± 0.046 χ^2/NDF : 510579.7/18

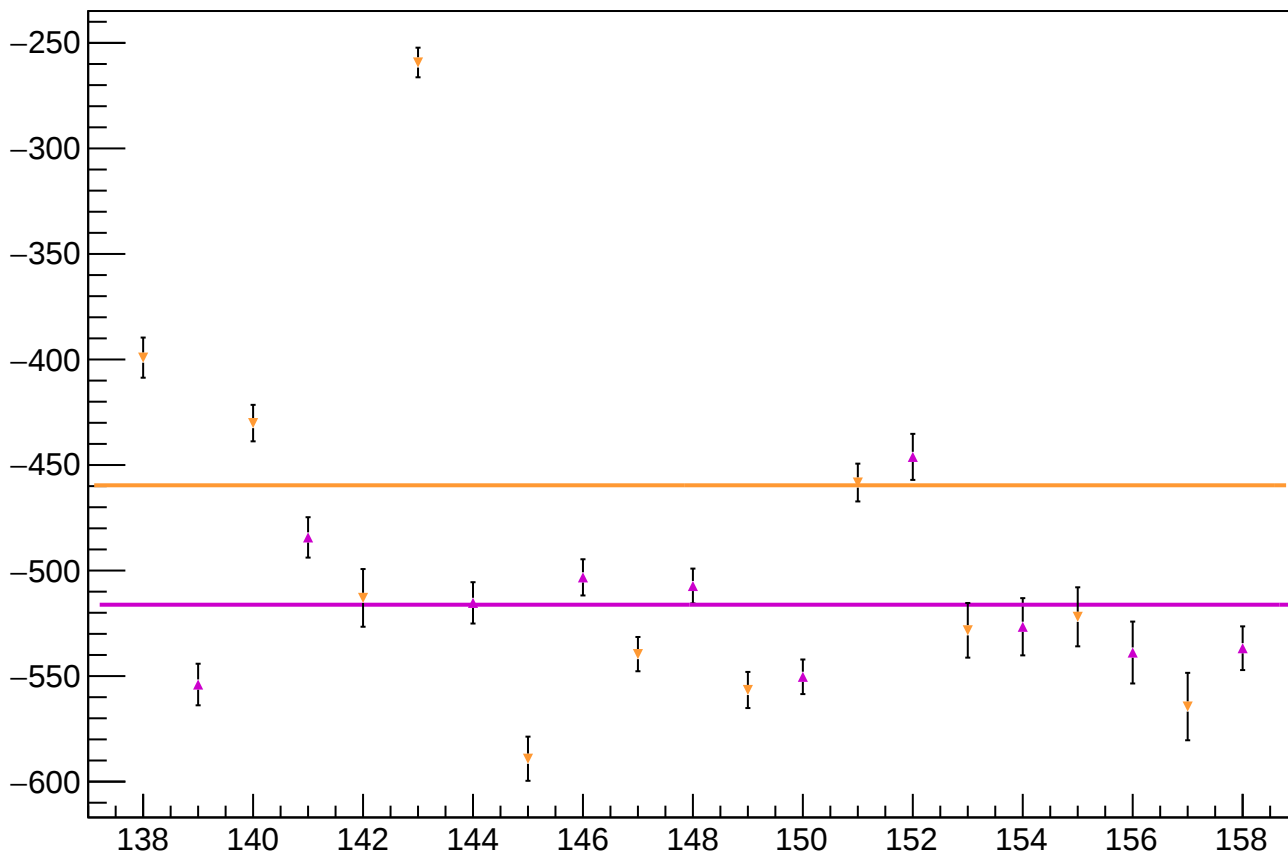
Left In: -1.660 ± 0.024 χ^2/NDF : 4417.8/9

+ sign 1.563 ± 0.022 χ^2/NDF : 451133.0/27

All: 0.510 ± 0.015 χ^2/NDF : 980691.4/56

- sign -0.510 ± 0.021 χ^2/NDF : 524980.9/28

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -459.604+/-2.942 χ^2/NDF :1352.0/10

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

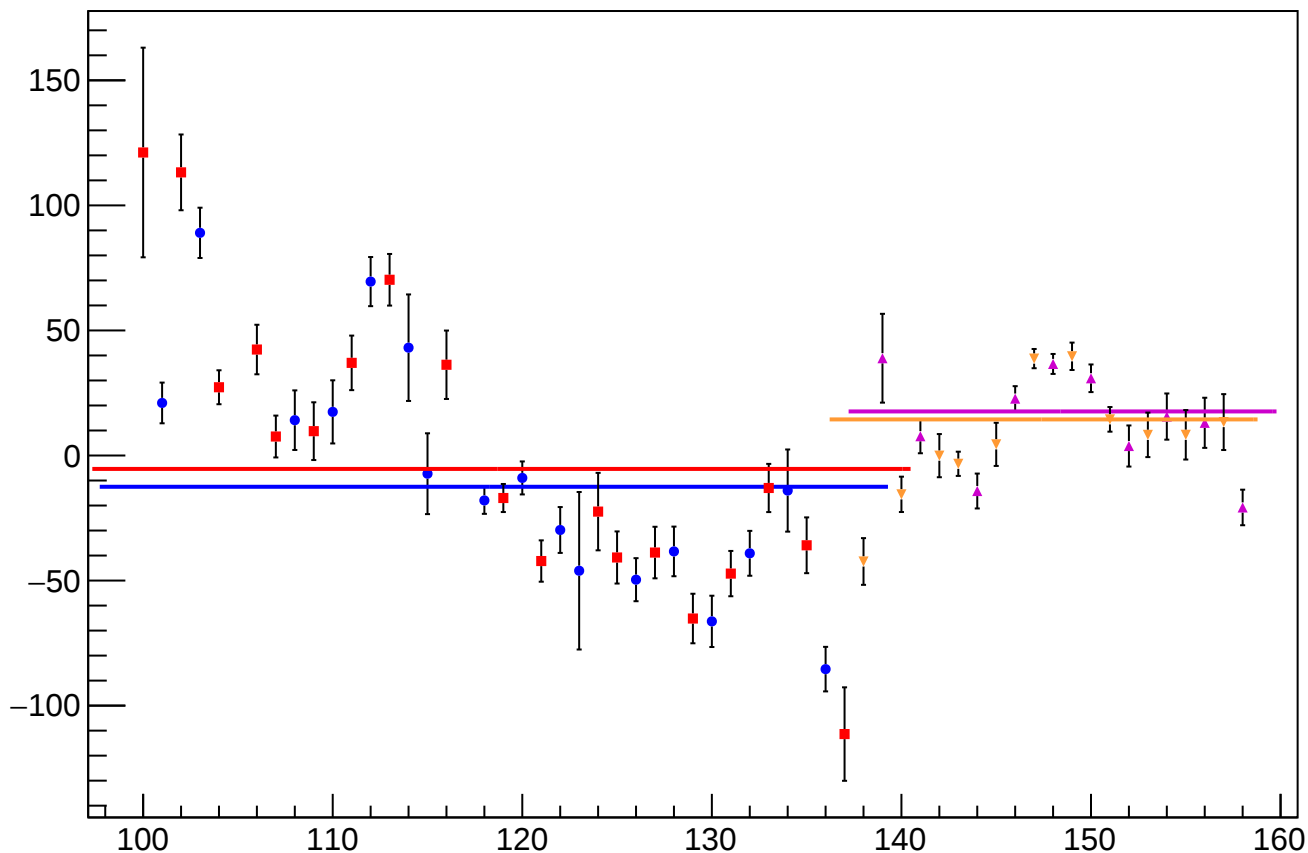
Left In: -516.185+/-3.120 χ^2/NDF :94.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -486.234+/-2.141 χ^2/NDF : 1620.9/20

- 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: 14.431 ± 1.910 χ^2/NDF : 134.6/10

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

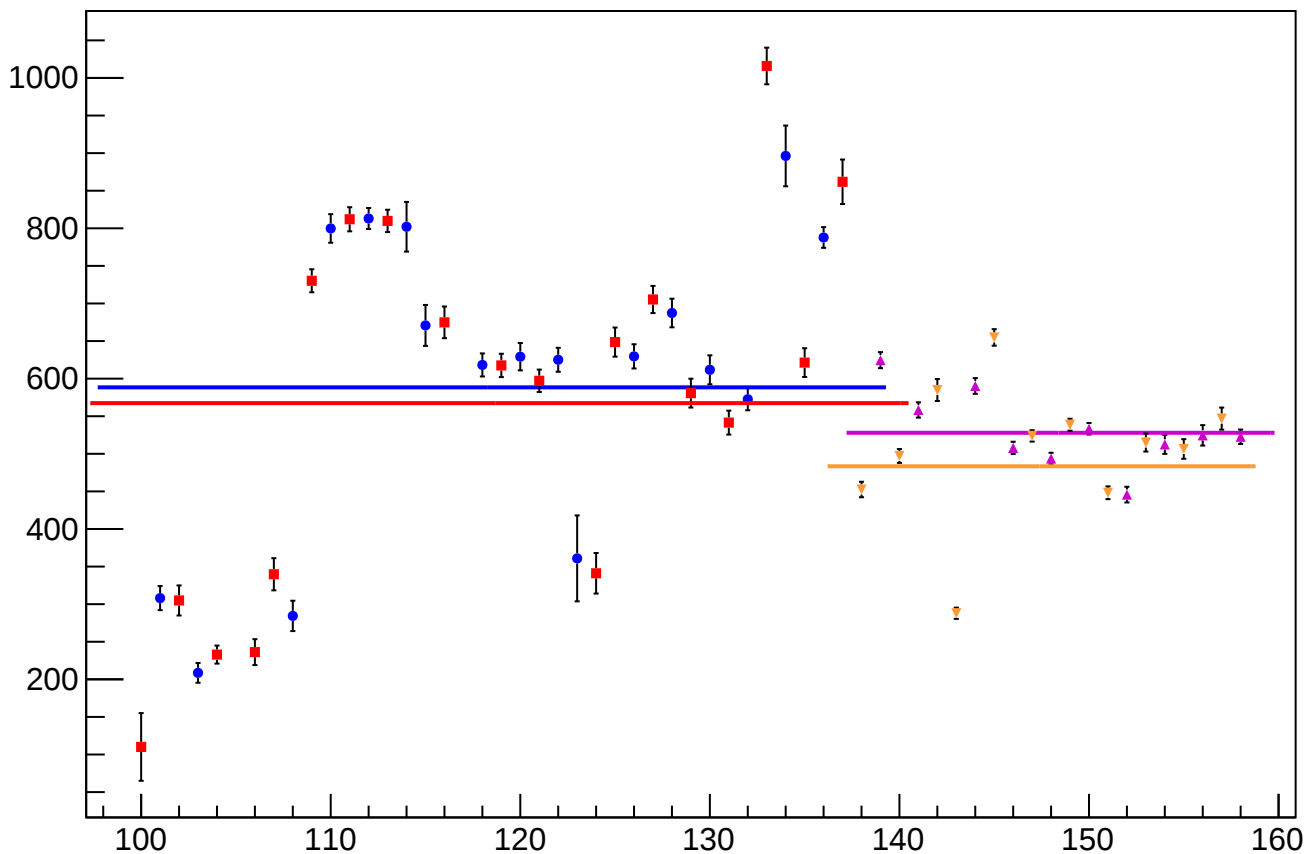
Left In: 17.621 ± 2.052 χ^2/NDF : 86.1/9

+ sign 3.498 ± 1.472 χ^2/NDF : 556.3/27

All: 5.317 ± 1.058 χ^2/NDF : 1046.7/56

- sign 7.257 ± 1.520 χ^2/NDF : 487.2/28

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 ± 4.320 χ^2/NDF : 2130.2/16

Left Out: 483.434 ± 2.934 χ^2/NDF : 1104.4/10

Right Out: 567.451 ± 4.137 χ^2/NDF : 2784.8/18

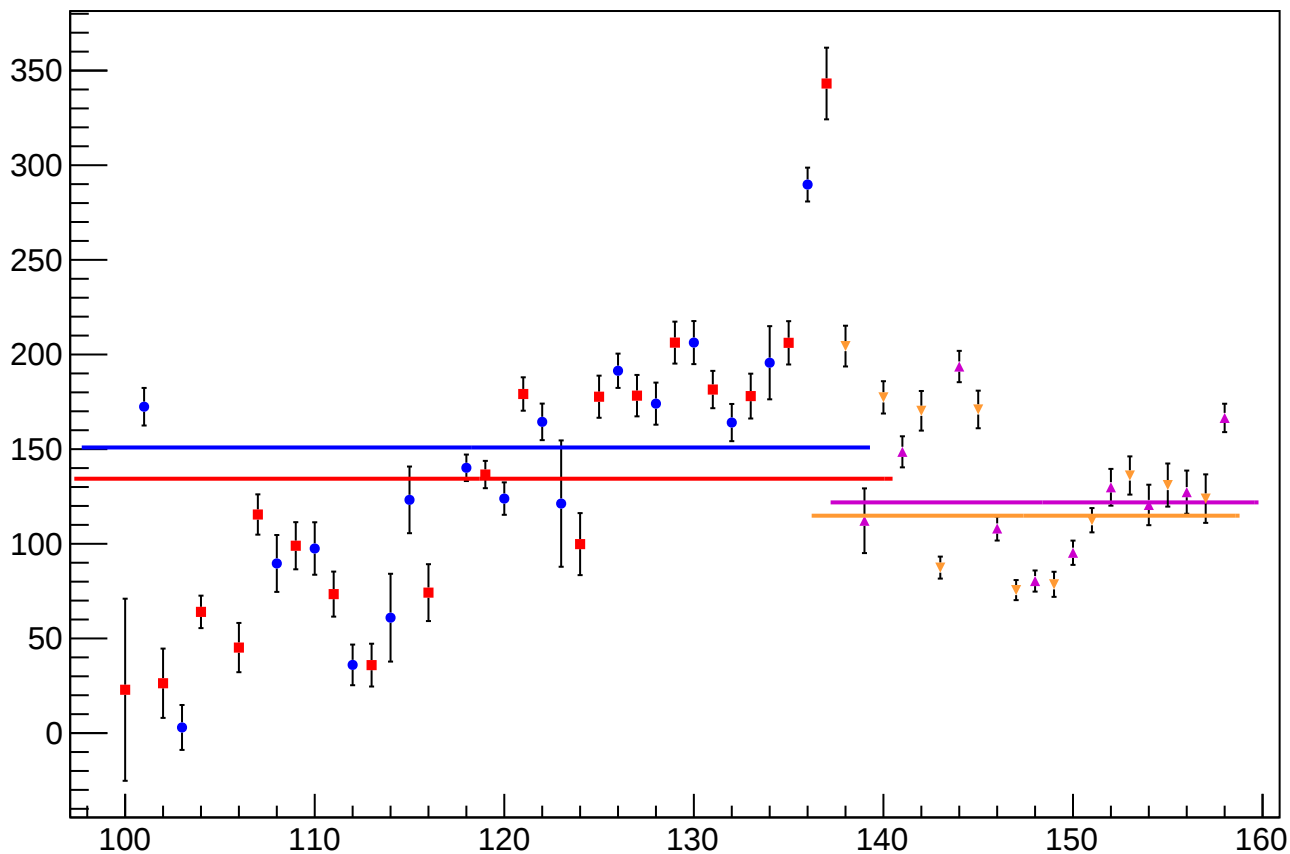
Left In: 527.969 ± 3.042 χ^2/NDF : 216.5/9

+ sign 516.573 ± 2.427 χ^2/NDF : 3638.7/27

All: 529.078 ± 1.725 χ^2/NDF : 6752.7/56

- sign 541.823 ± 2.450 χ^2/NDF : 3060.4/28

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 $\chi^2/\text{NDF}: 634.8/16$

Left Out: 114.851 ± 2.373 $\chi^2/\text{NDF}: 297.1/10$

Right Out: 134.381 ± 2.620 $\chi^2/\text{NDF}: 584.9/18$

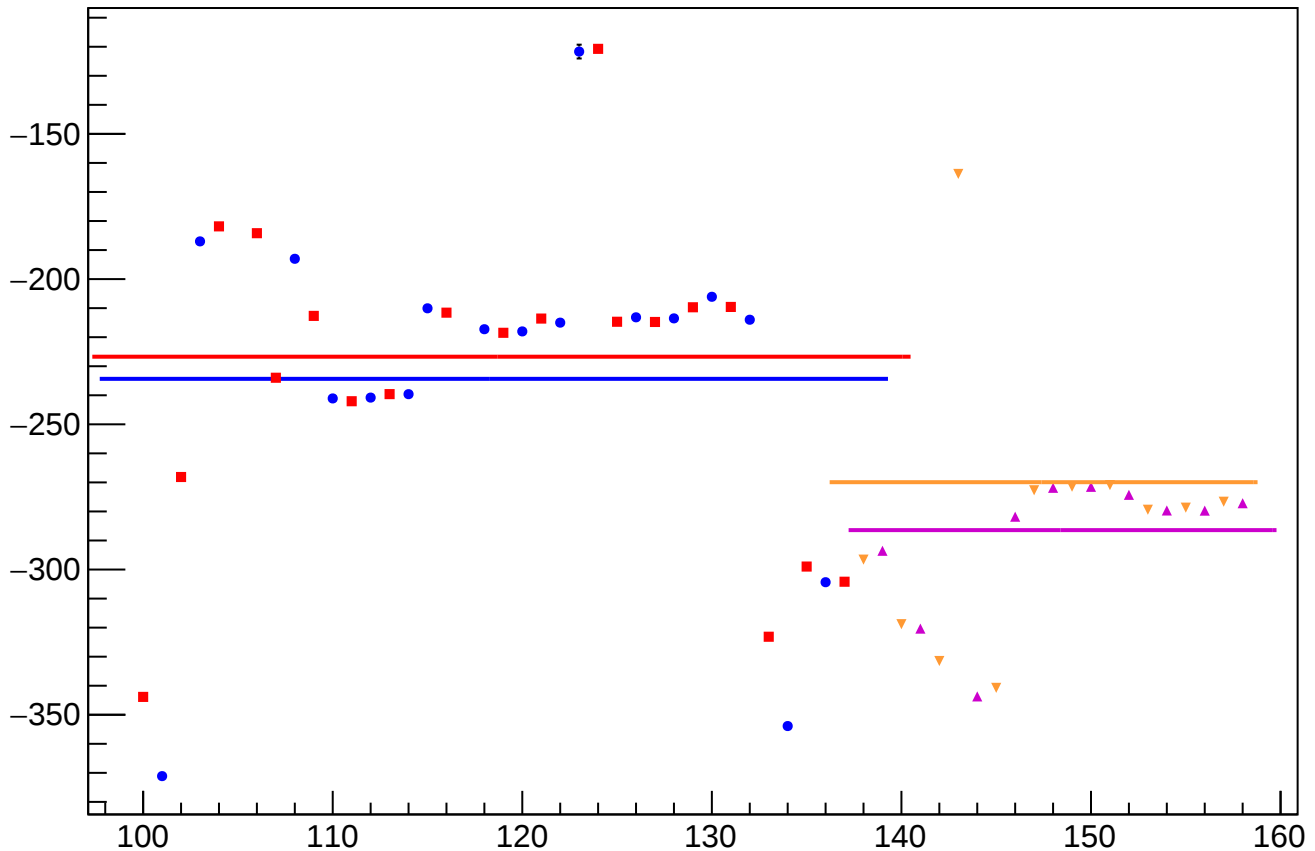
Left In: 121.875 ± 2.510 $\chi^2/\text{NDF}: 199.8/9$

+ sign 130.734 ± 1.775 $\chi^2/\text{NDF}: 1033.5/27$

All: 129.327 ± 1.268 $\chi^2/\text{NDF}: 1831.3/56$

- sign 127.860 ± 1.812 $\chi^2/\text{NDF}: 796.5/28$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341 $\pm$ 0.148 χ^2 /NDF: 145165.1/16

Left Out: -269.924 $\pm$ 0.120 χ^2 /NDF: 182237.6/10

Right Out: -226.716 $\pm$ 0.141 χ^2 /NDF: 99440.4/18

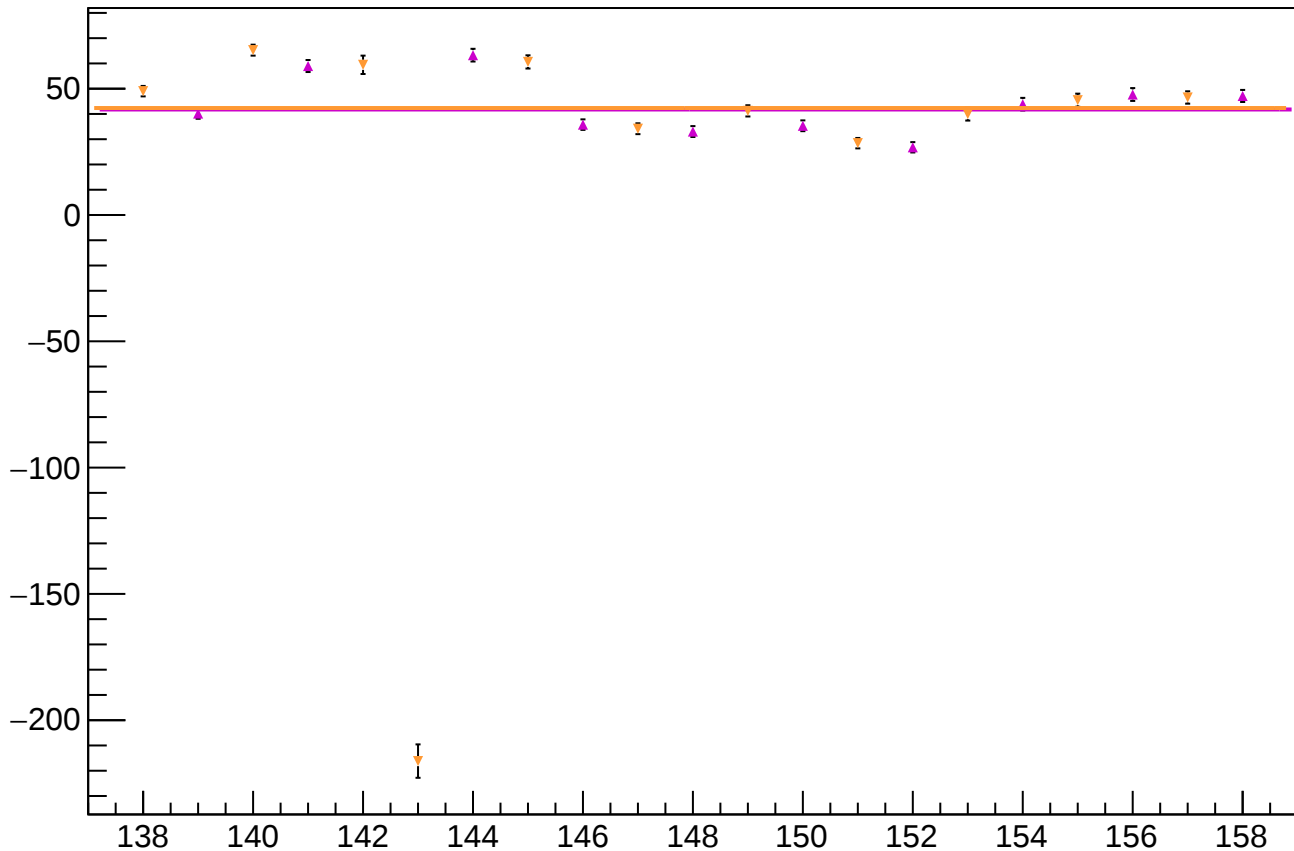
Left In: -286.427 $\pm$ 0.122 χ^2 /NDF: 28973.6/9

+ sign -255.797 $\pm$ 0.093 χ^2 /NDF: 362113.3/27

All: -258.438 $\pm$ 0.066 χ^2 /NDF: 594628.7/56

- sign -261.010 $\pm$ 0.092 χ^2 /NDF: 230938.5/28

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 42.346+/-0.743 χ^2 /NDF:1786.6/10

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

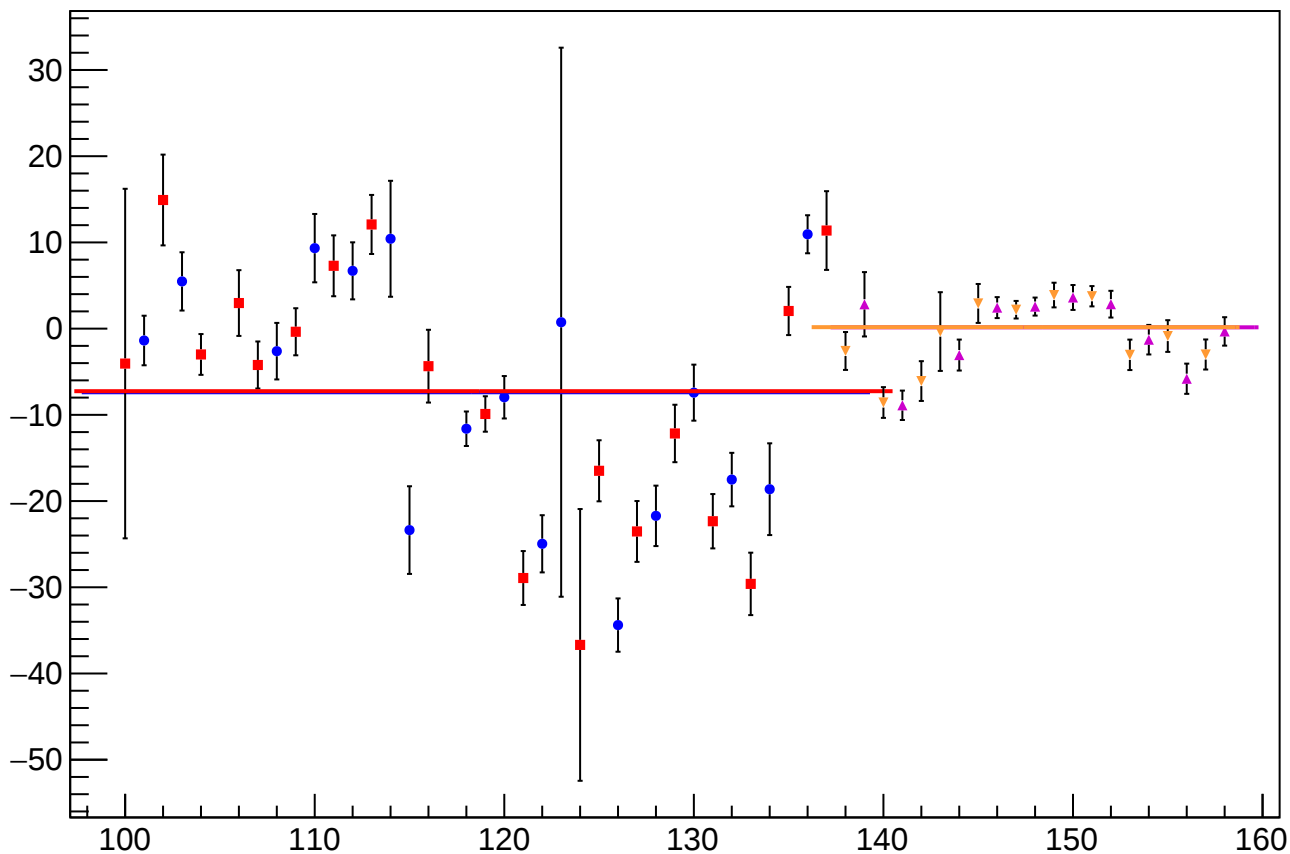
Left In: 41.767+/-0.714 χ^2 /NDF:224.6/9

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 42.045+/-0.515 χ^2 /NDF: 2011.5/20

- 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: 0.170 ± 0.496 χ^2/NDF : 61.4/10

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

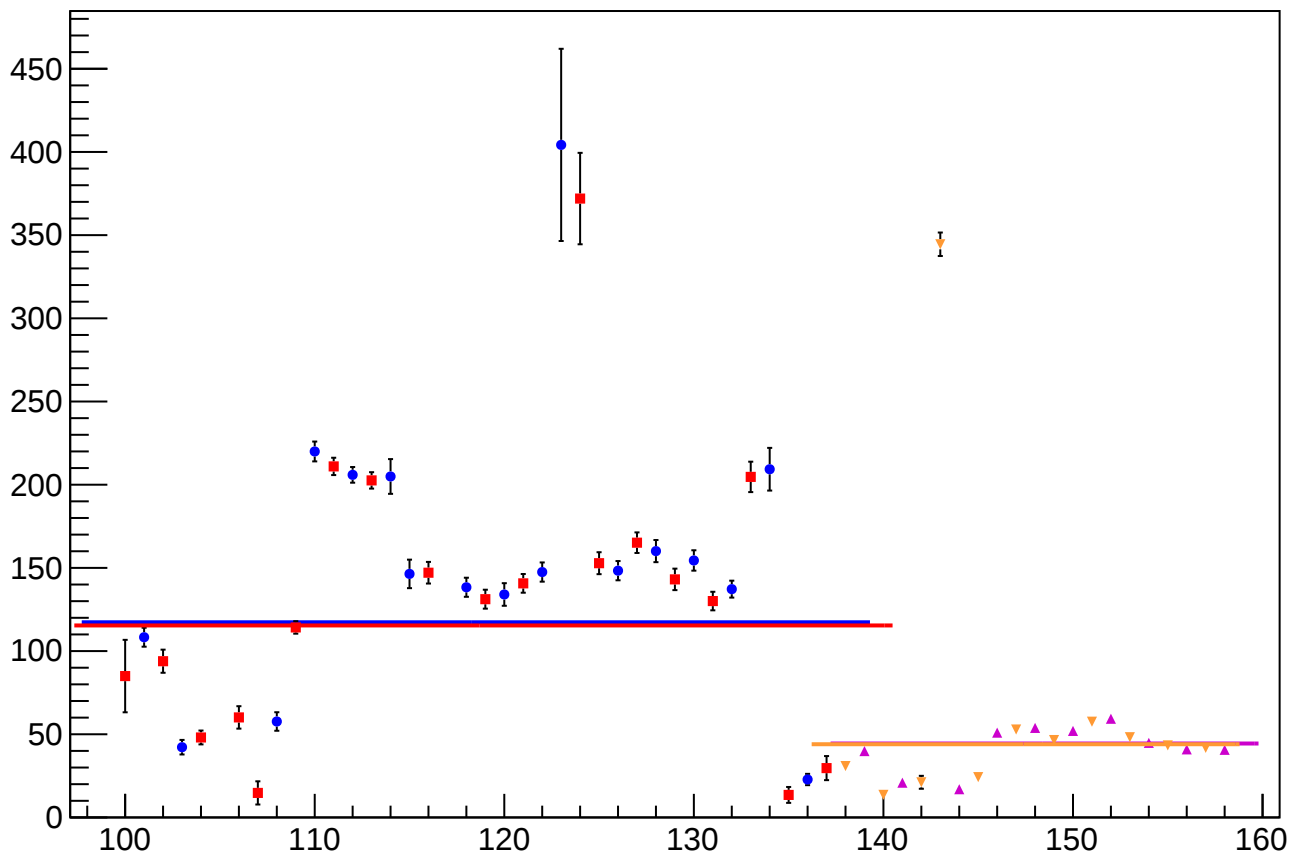
Left In: 0.153 ± 0.485 χ^2/NDF : 61.8/9

+ sign -2.007 ± 0.418 χ^2/NDF : 411.9/27

All: -1.996 ± 0.292 χ^2/NDF : 798.3/56

- sign -1.985 ± 0.409 χ^2/NDF : 386.4/28

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 44.010 $\pm$ 0.728 χ^2 /NDF:2179.8/10

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

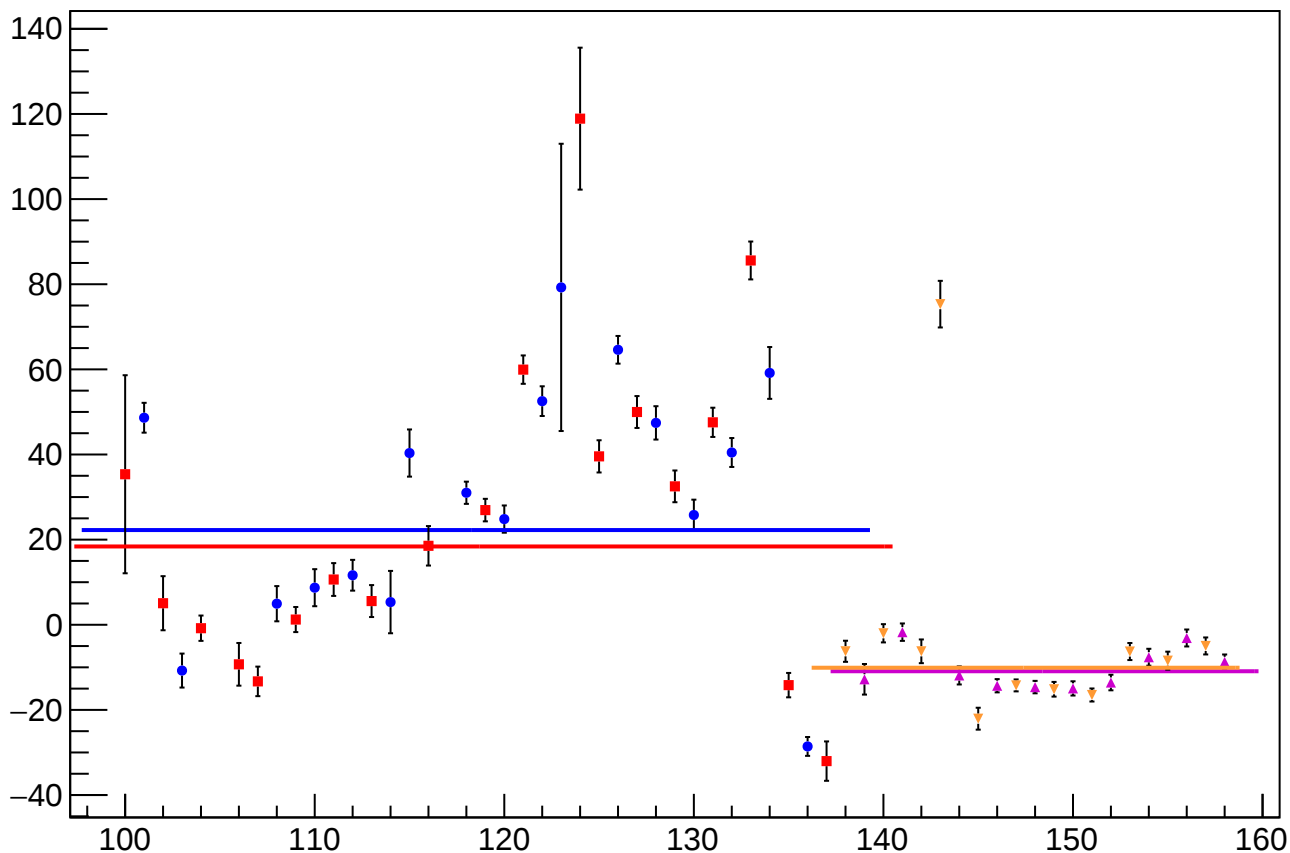
Left In: 44.442 $\pm$ 0.695 χ^2 /NDF:304.7/9

+ sign 59.458 $\pm$ 0.647 χ^2 /NDF: 6477.8/27

All: 59.278 $\pm$ 0.447 χ^2 /NDF: 11091.0/56

- sign 59.112 $\pm$ 0.619 χ^2 /NDF: 4613.0/28

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 ± 0.889 χ^2/NDF : 1071.4/16

Left Out: -10.093 ± 0.610 χ^2/NDF : 329.2/10

Right Out: 18.395 ± 0.872 χ^2/NDF : 1077.1/18

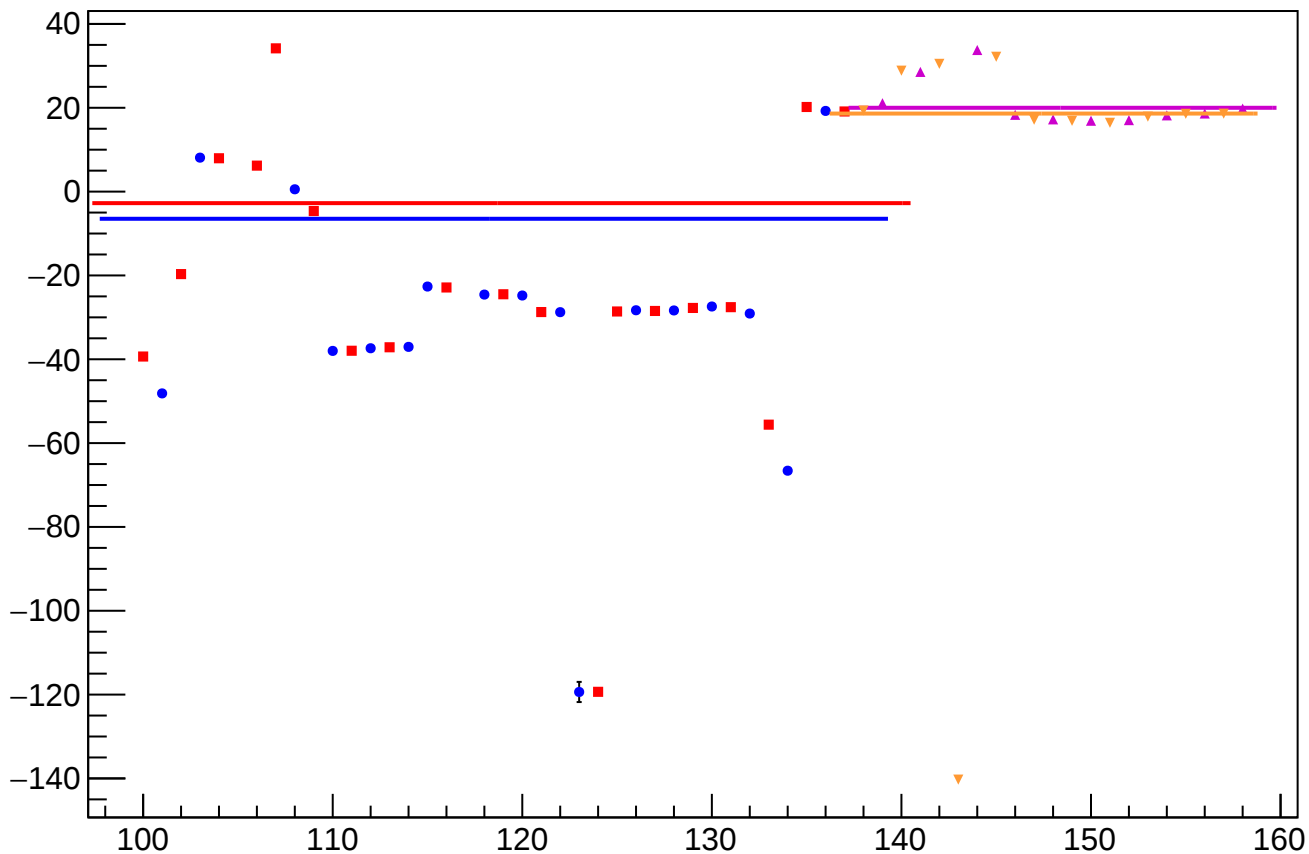
Left In: -10.921 ± 0.586 χ^2/NDF : 59.5/9

+ sign 0.261 ± 0.503 χ^2/NDF : 2300.2/27

All: -0.801 ± 0.350 χ^2/NDF : 4224.2/56

- sign -1.795 ± 0.486 χ^2/NDF : 1915.4/28

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 18.619 ± 0.029 χ^2/NDF : 348554.0/10

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

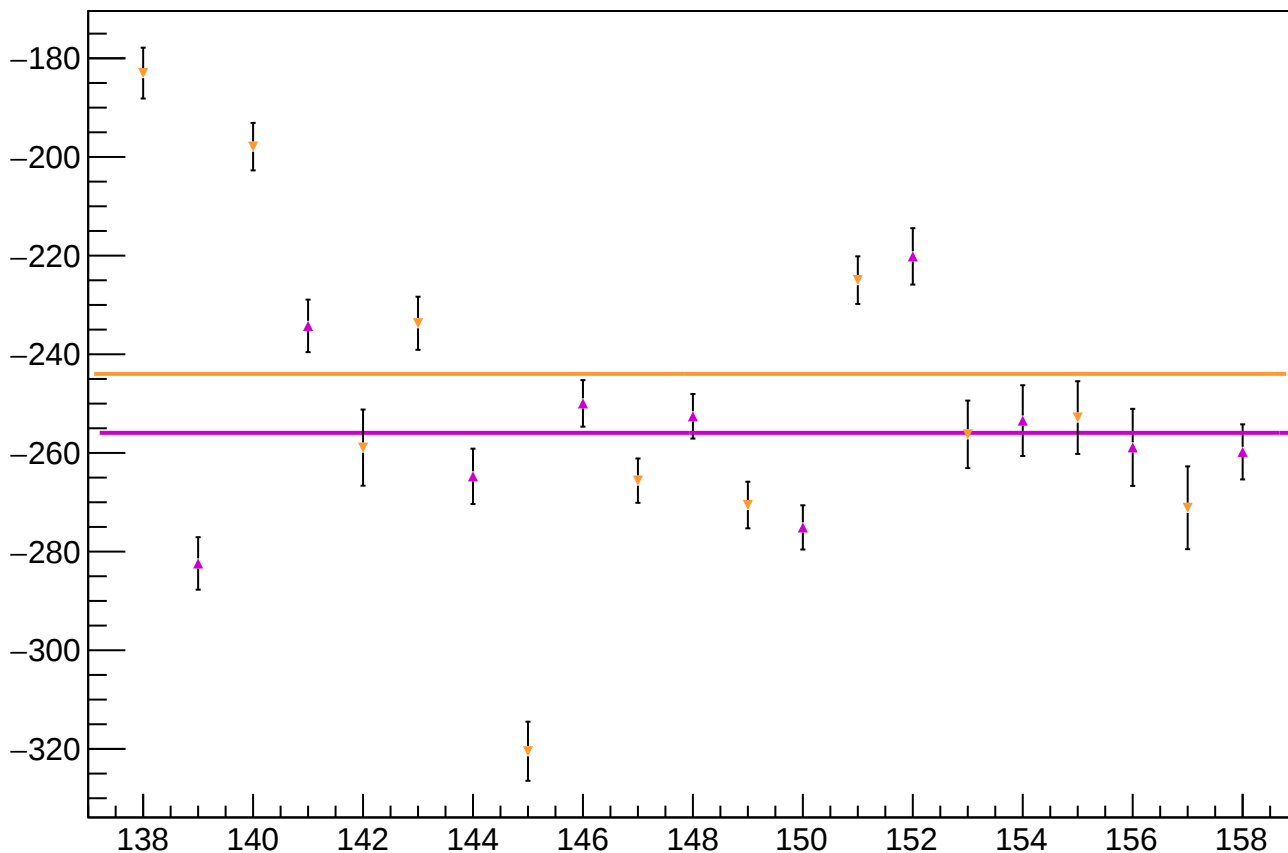
Left In: 19.998 ± 0.027 χ^2/NDF : 25860.1/9

+ sign 11.558 ± 0.024 χ^2/NDF : 826859.5/27

All: 12.868 ± 0.017 χ^2/NDF : 1307738.9/56

- sign 14.058 ± 0.023 χ^2/NDF : 475417.0/28

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -243.973+/-1.687 χ^2/NDF : 487.5/10

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

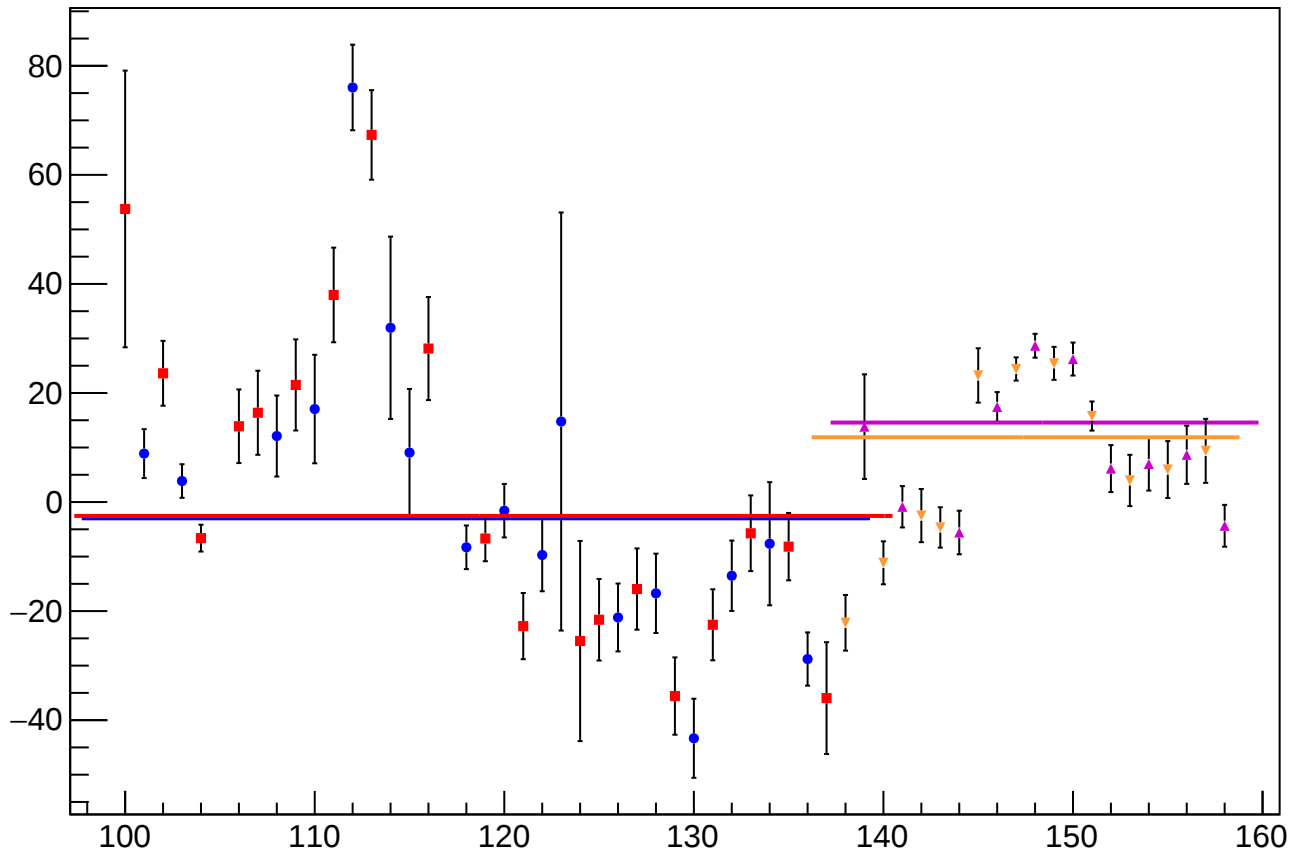
Left In: -255.925+/-1.703 χ^2/NDF : 104.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.893+/-1.199 χ^2/NDF : 616.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981 ± 1.450 $\chi^2/\text{NDF}: 203.9/16$

Left Out: 11.877 ± 1.092 $\chi^2/\text{NDF}: 173.4/10$

Right Out: -2.548 ± 1.399 $\chi^2/\text{NDF}: 218.1/18$

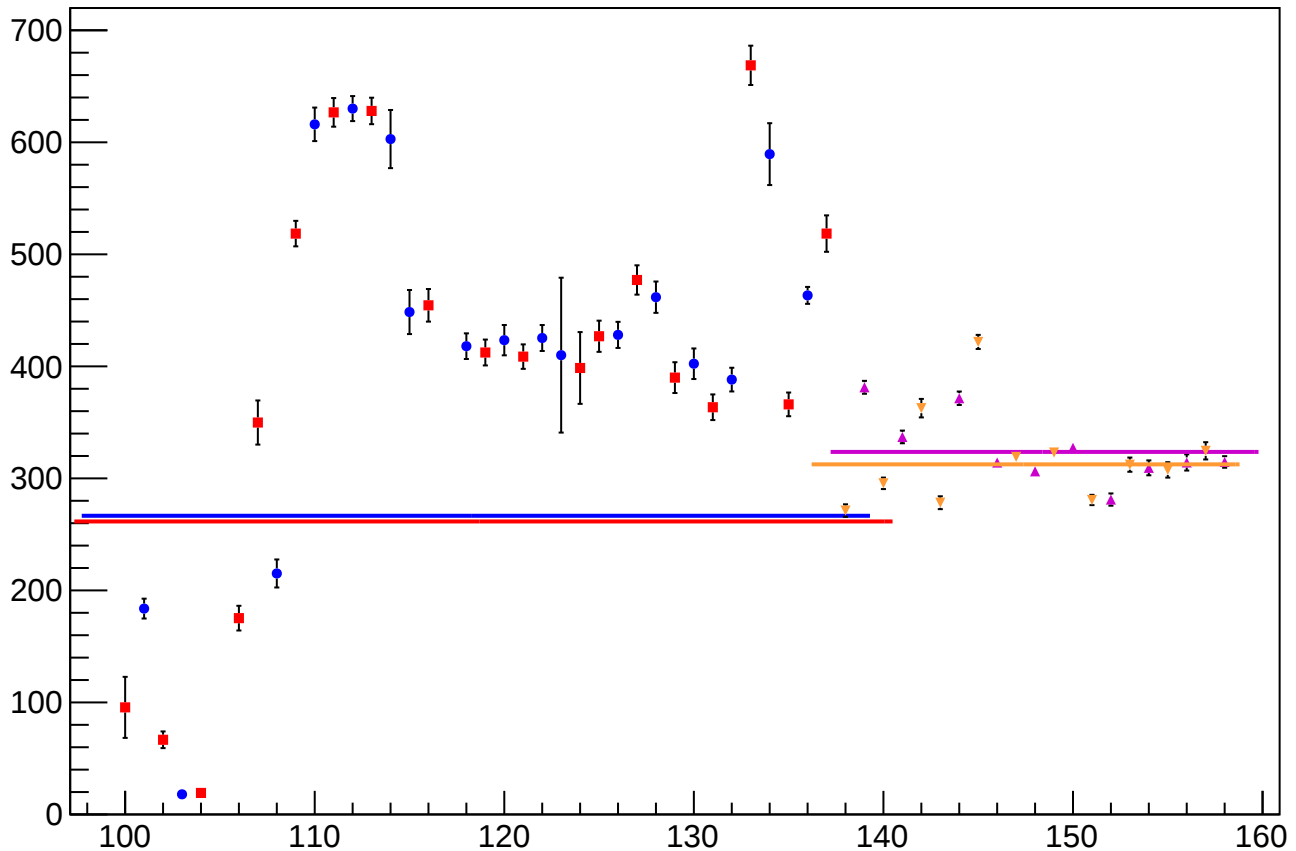
Left In: 14.575 ± 1.121 $\chi^2/\text{NDF}: 131.4/9$

+ sign 6.504 ± 0.872 $\chi^2/\text{NDF}: 444.3/27$

All: 7.189 ± 0.618 $\chi^2/\text{NDF}: 886.3/56$

- sign 7.878 ± 0.875 $\chi^2/\text{NDF}: 440.7/28$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 ± 2.477 χ^2/NDF : 7662.7/16

Left Out: 312.517 ± 1.670 χ^2/NDF : 498.5/10

Right Out: 261.551 ± 2.458 χ^2/NDF : 8208.2/18

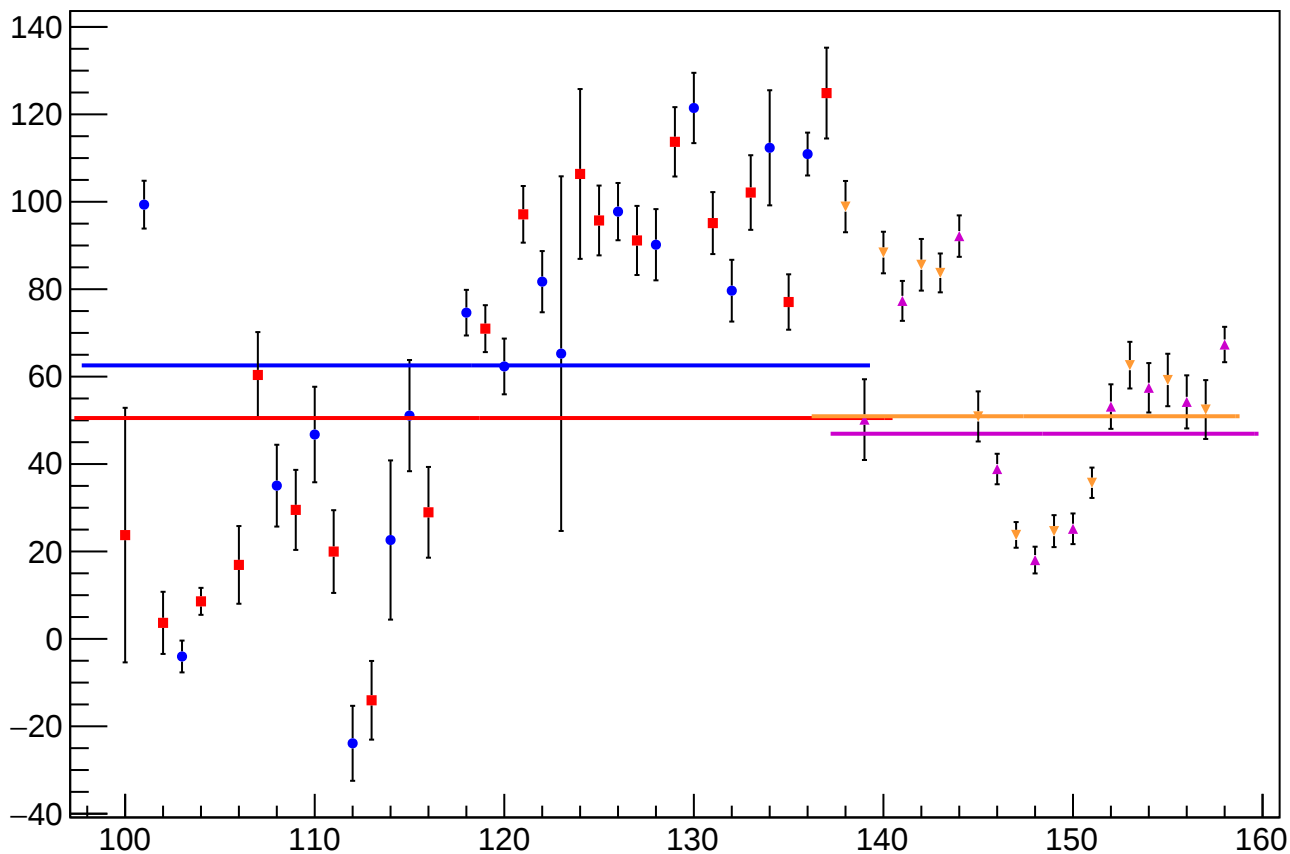
Left In: 323.629 ± 1.658 χ^2/NDF : 261.2/9

+ sign 298.173 ± 1.385 χ^2/NDF : 8397.1/27

All: 301.218 ± 0.976 χ^2/NDF : 17314.6/56

- sign 304.217 ± 1.374 χ^2/NDF : 8907.9/28

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 ± 1.678 $\chi^2/\text{NDF}: 722.4/16$

Left Out: 50.934 ± 1.359 $\chi^2/\text{NDF}: 380.6/10$

Right Out: 50.526 ± 1.643 $\chi^2/\text{NDF}: 657.0/18$

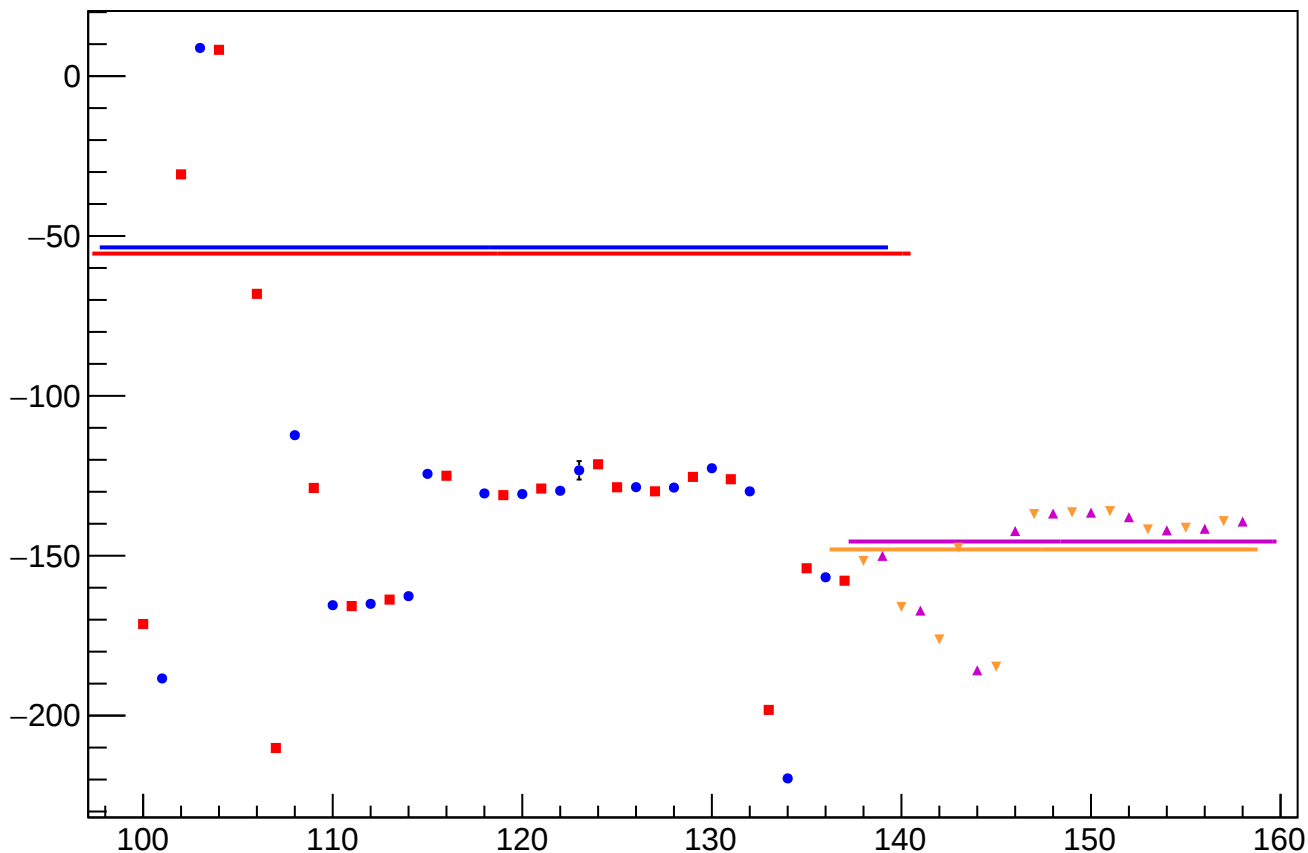
Left In: 46.934 ± 1.370 $\chi^2/\text{NDF}: 300.2/9$

+ sign 55.541 ± 1.056 $\chi^2/\text{NDF}: 1132.0/27$

All: 51.962 ± 0.746 $\chi^2/\text{NDF}: 2114.9/56$

- sign 48.407 ± 1.052 $\chi^2/\text{NDF}: 960.0/28$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 $\chi^2/\text{NDF}: 1230233.3/16$

Left Out: -148.041 ± 0.068 $\chi^2/\text{NDF}: 48761.6/10$

Right Out: -55.502 ± 0.072 $\chi^2/\text{NDF}: 969632.0/18$

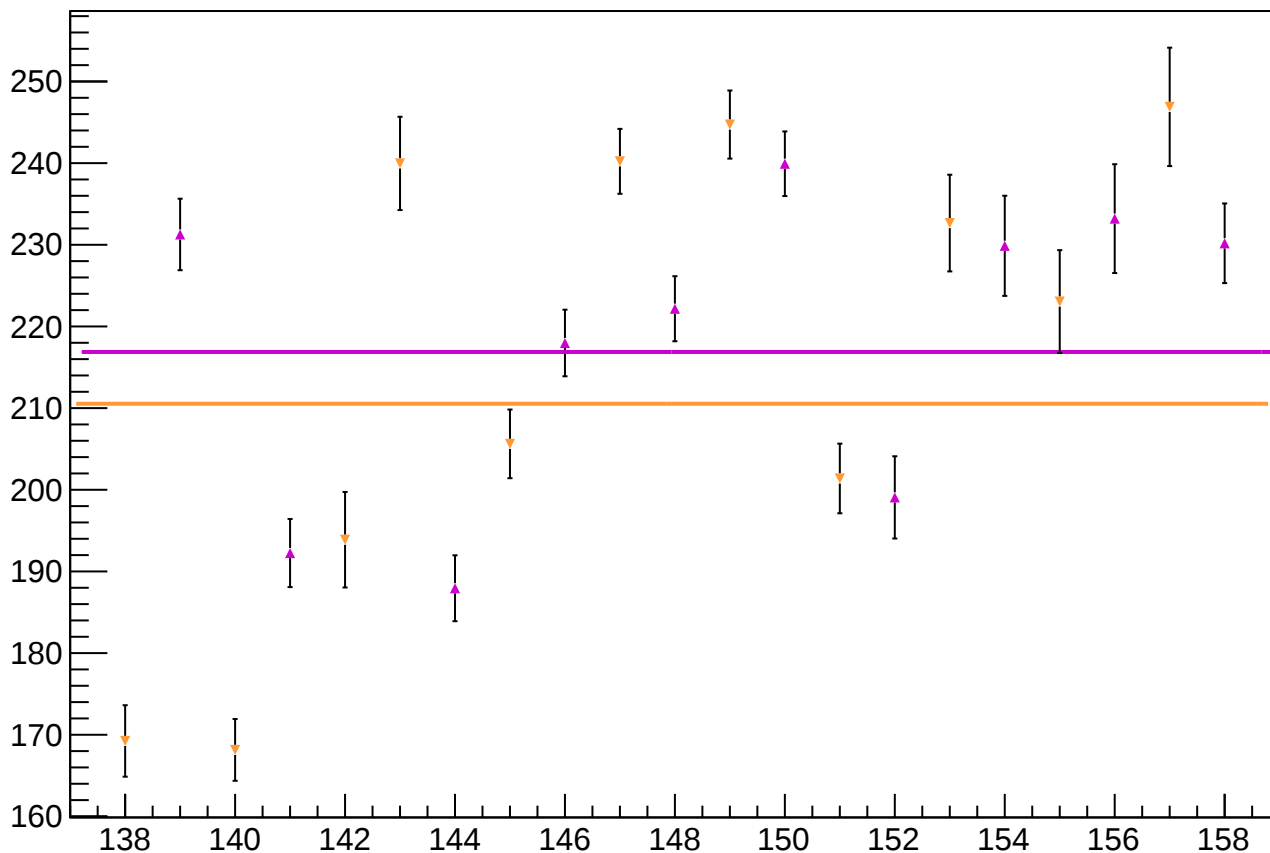
Left In: -145.552 ± 0.066 $\chi^2/\text{NDF}: 40857.8/9$

+ sign -102.072 ± 0.049 $\chi^2/\text{NDF}: 2206924.3/27$

All: -103.188 ± 0.035 $\chi^2/\text{NDF}: 4068093.0/56$

- sign -104.288 ± 0.049 $\chi^2/\text{NDF}: 1860140.0/28$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 210.533+/-1.433 χ^2/NDF : 421.3/10

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

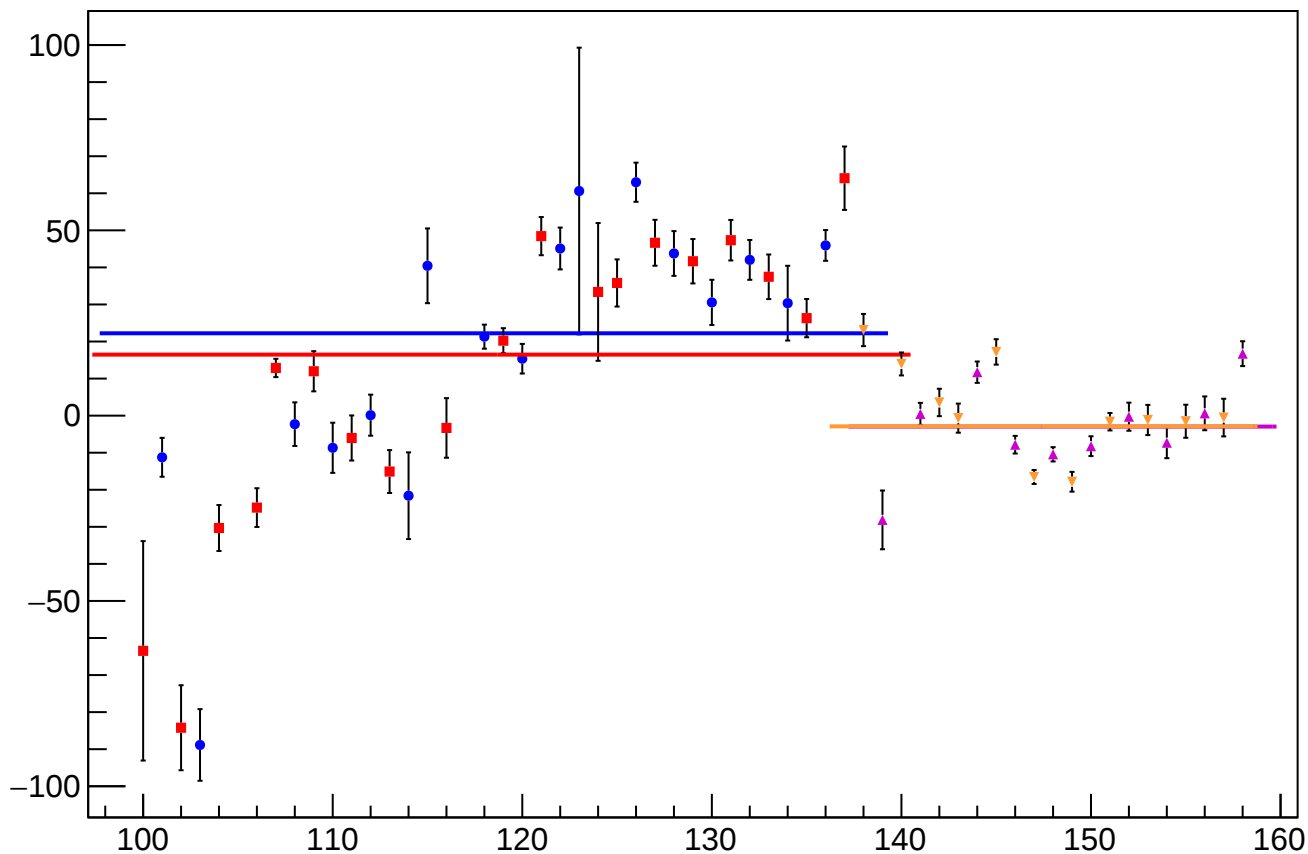
Left In: 216.876+/-1.431 χ^2/NDF : 163.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.710+/-1.012 χ^2/NDF : 594.4/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 $\pm$ 1.374 χ^2 /NDF: 385.6/16

Left Out: -2.891 $\pm$ 0.940 χ^2 /NDF:187.5/10

Right Out: 16.466 $\pm$ 1.230 χ^2 /NDF: 425.9/18

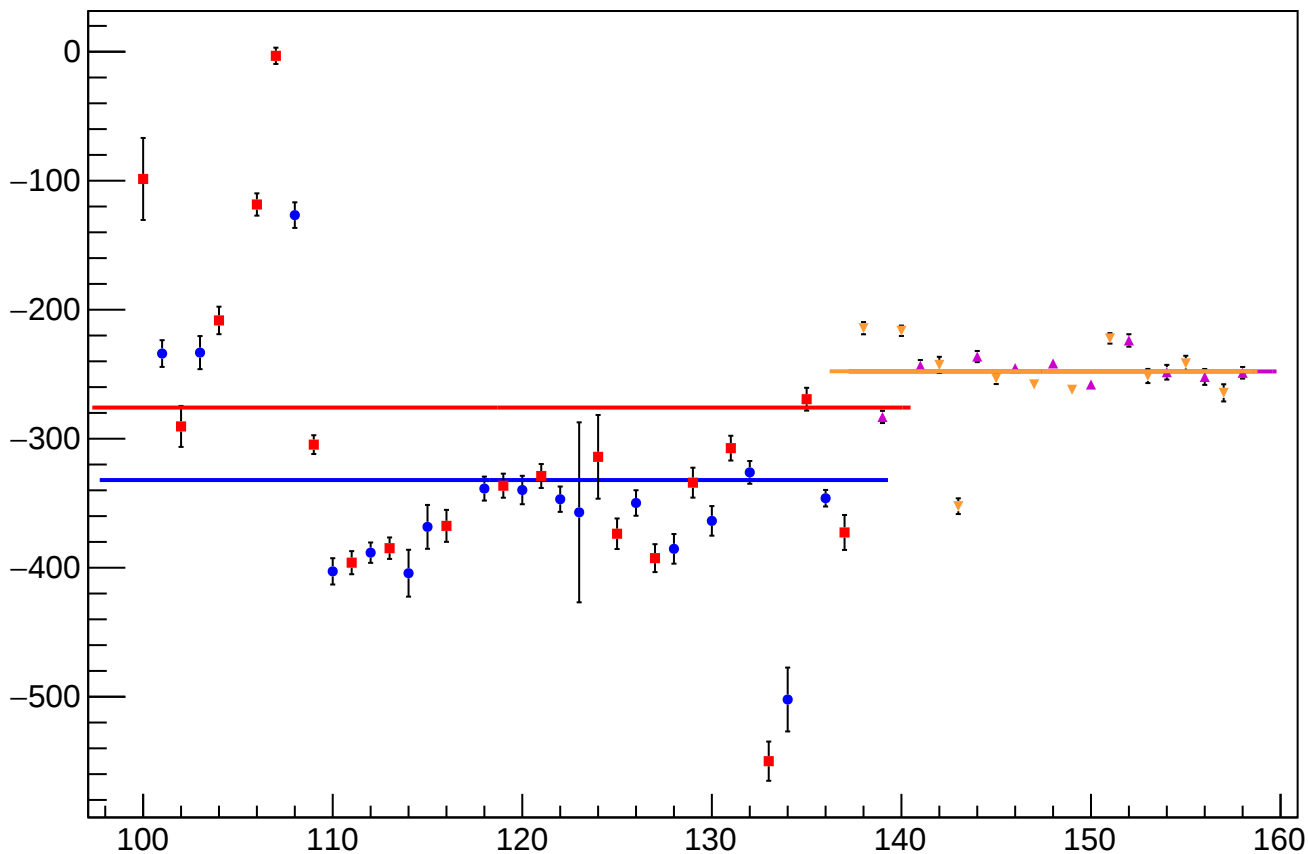
Left In: -2.950 $\pm$ 0.954 χ^2 /NDF:97.2/9

+ sign 5.118 $\pm$ 0.776 χ^2 /NDF: 800.7/27

All: 4.722 $\pm$ 0.541 χ^2 /NDF: 1479.9/56

- sign 4.348 $\pm$ 0.754 χ^2 /NDF: 678.7/28

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -247.721 ± 1.425 χ^2/NDF : 475.1/10

Right Out: -275.853 ± 2.324 χ^2/NDF : 3362.8/18

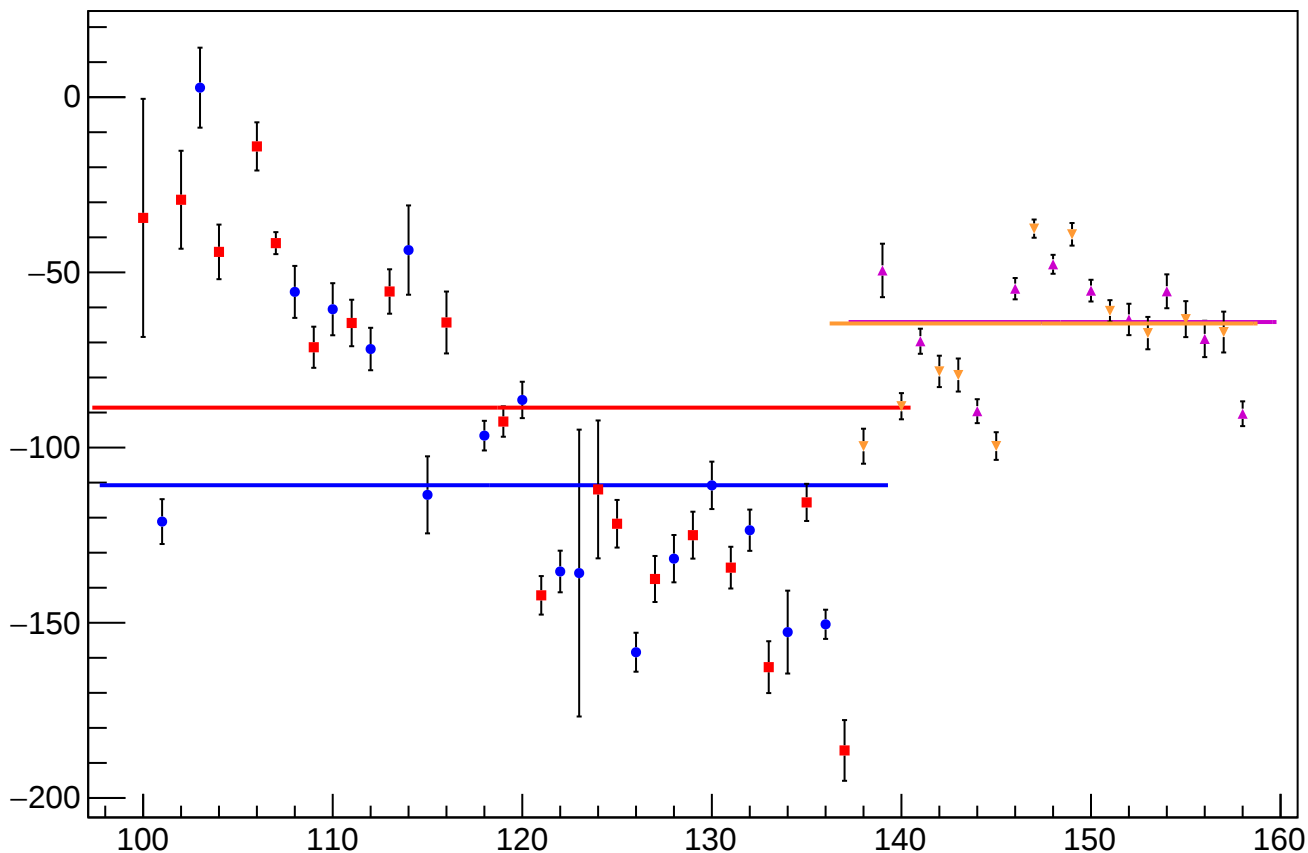
Left In: -247.852 ± 1.402 χ^2/NDF : 99.6/9

+ sign -267.643 ± 1.245 χ^2/NDF : 2087.2/27

All: -261.255 ± 0.864 χ^2/NDF : 5706.9/56

- sign -255.320 ± 1.200 χ^2/NDF : 3568.9/28

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -64.585 ± 1.166 χ^2/NDF : 359.4/10

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

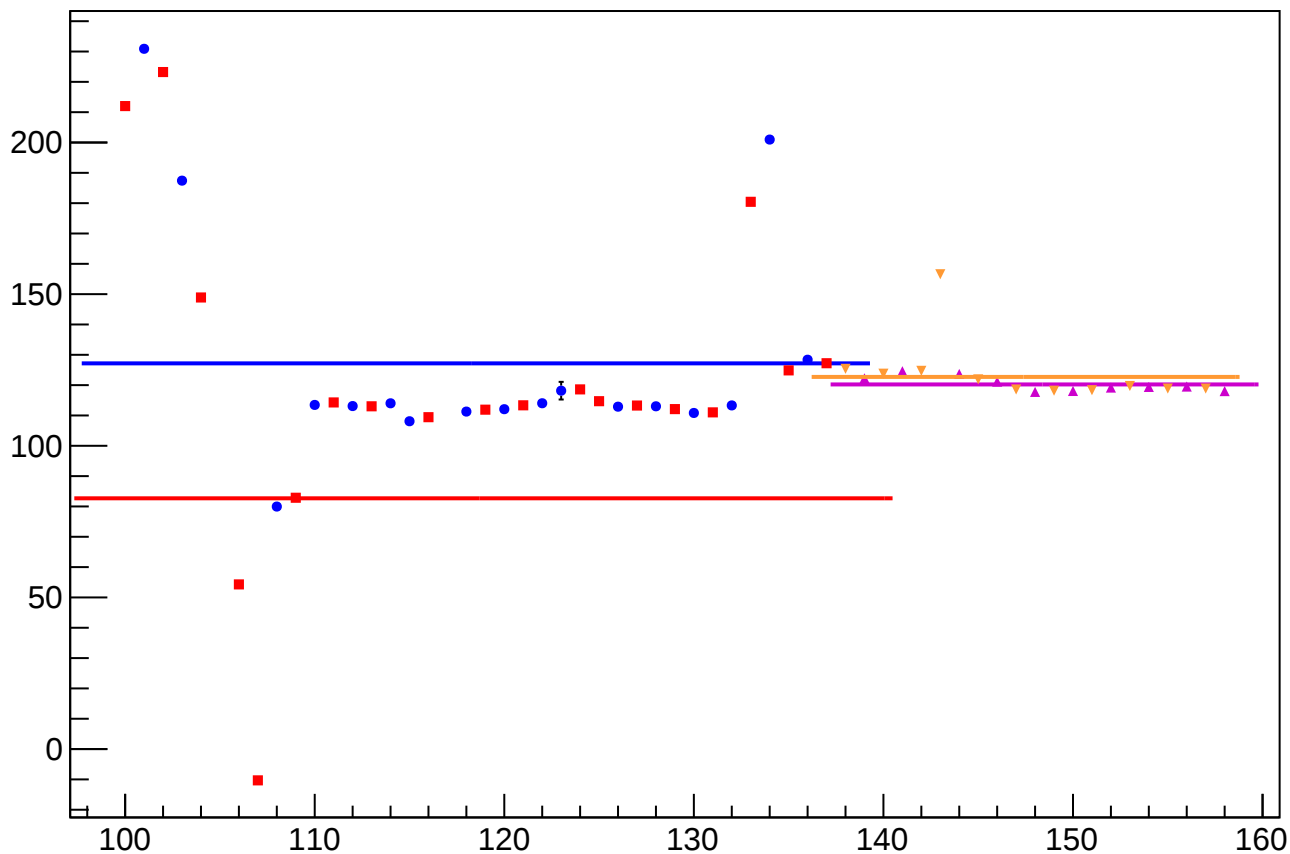
Left In: -64.170 ± 1.162 χ^2/NDF : 175.9/9

+ sign -80.895 ± 0.938 χ^2/NDF : 1426.4/27

All: -77.242 ± 0.651 χ^2/NDF : 2776.4/56

- sign -73.854 ± 0.903 χ^2/NDF : 1320.7/28

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 122.711 $\pm$ 0.058 χ^2 /NDF: 22211.4/10

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

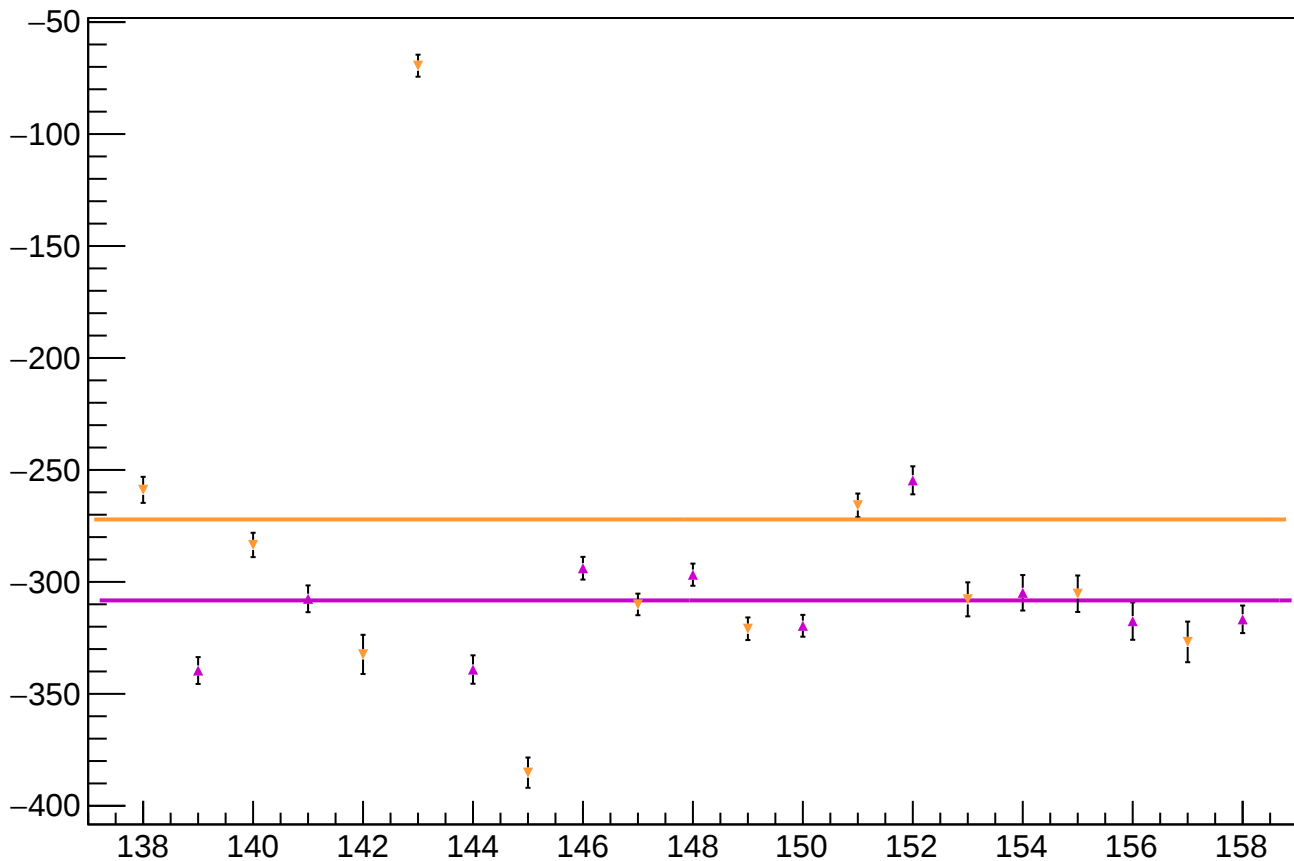
Left In: 120.231 $\pm$ 0.056 χ^2 /NDF: 1769.0/9

+ sign 124.050 $\pm$ 0.049 χ^2 /NDF: 212026.6/27

All: 114.762 $\pm$ 0.033 χ^2 /NDF: 1206865.6/56

- sign 106.873 $\pm$ 0.045 χ^2 /NDF: 927660.7/28

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -272.120+/-1.819 χ^2/NDF : 2262.3/10

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

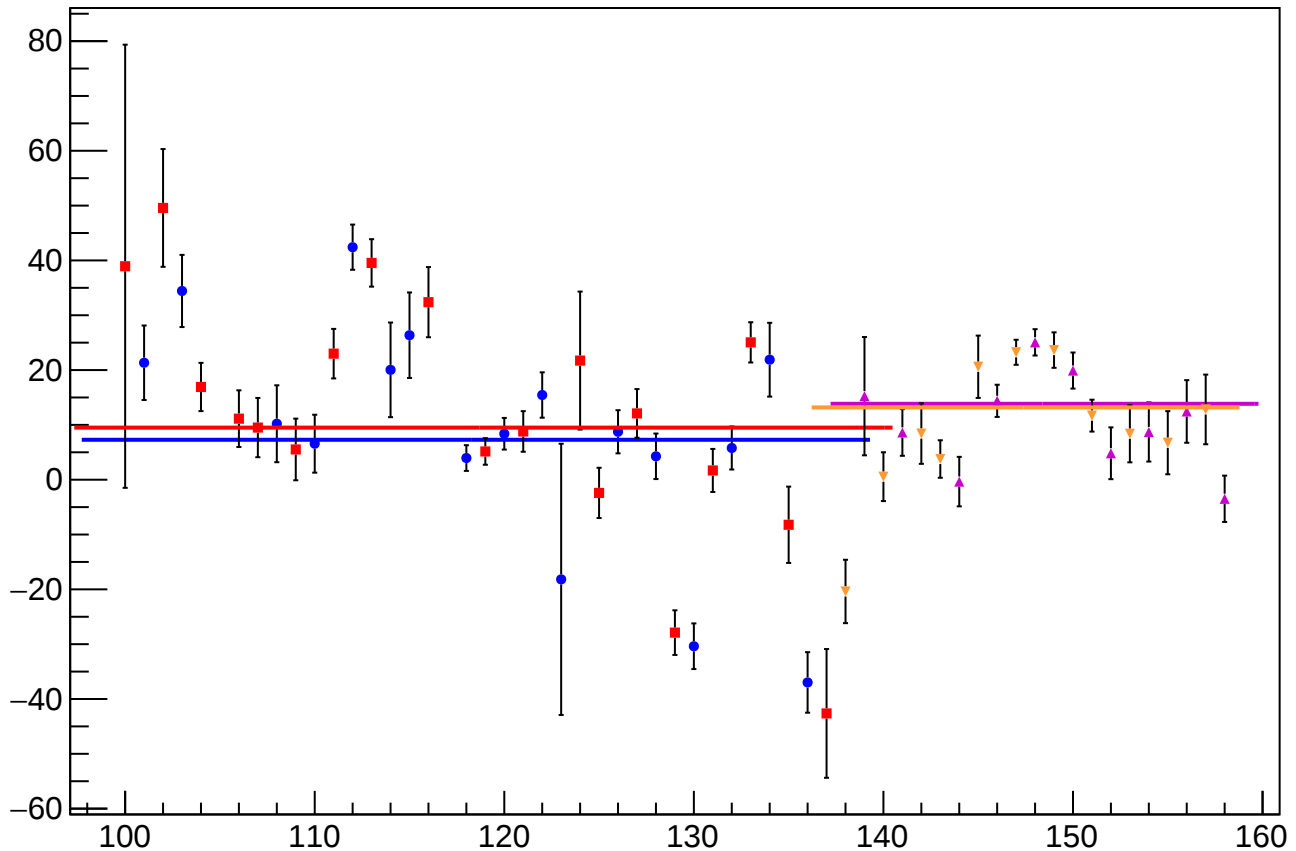
Left In: -308.271+/-1.874 χ^2/NDF : 146.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.651+/-1.305 χ^2/NDF : 2600.4/20

- 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: 13.184 ± 1.173 χ^2/NDF : 84.0/10

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

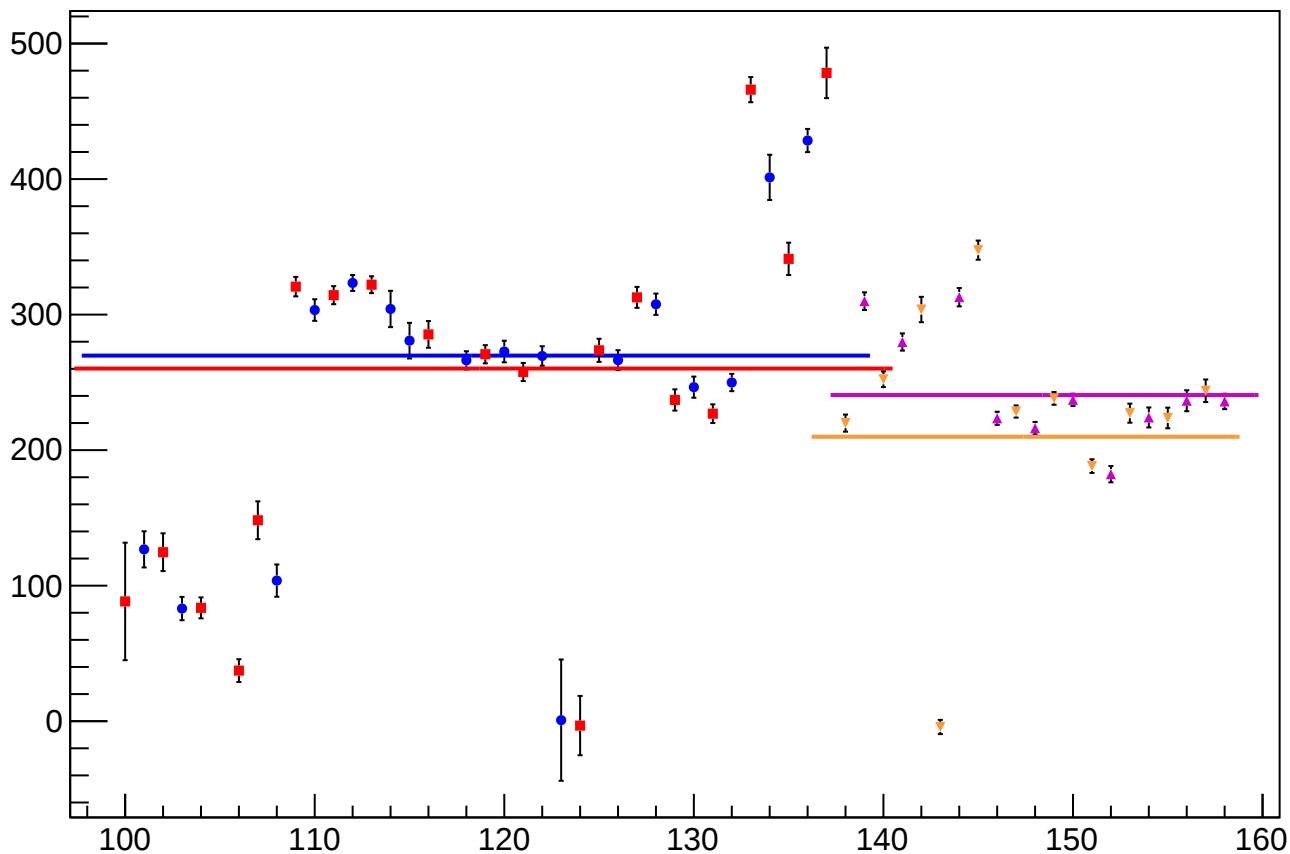
Left In: 13.849 ± 1.230 χ^2/NDF : 58.1/9

+ sign 10.001 ± 0.796 χ^2/NDF : 358.7/27

All: 10.681 ± 0.567 χ^2/NDF : 656.8/56

- sign 11.384 ± 0.809 χ^2/NDF : 296.7/28

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 209.859 $\pm$ 1.801 χ^2 /NDF:2292.6/10

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

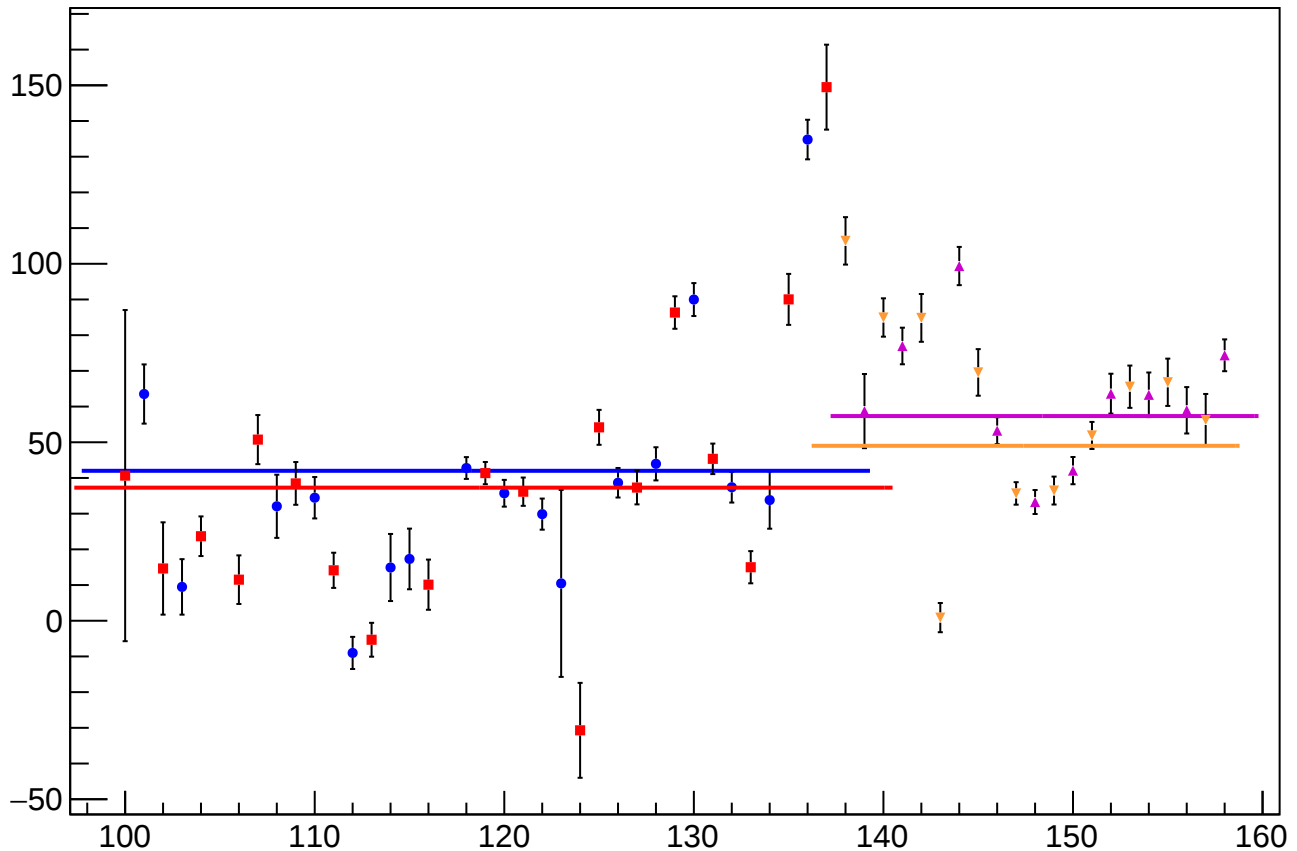
Left In: 240.652 $\pm$ 1.821 χ^2 /NDF:407.1/9

+ sign 235.646 $\pm$ 1.359 χ^2 /NDF: 4142.7/27

All: 242.737 $\pm$ 0.954 χ^2 /NDF: 7197.8/56

- sign 249.626 $\pm$ 1.340 χ^2 /NDF: 3001.5/28

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2/NDF : 575.6/16

Left Out: 49.010 $\pm$ 1.460 χ^2/NDF : 341.3/10

Right Out: 37.284 $\pm$ 1.237 χ^2/NDF : 472.6/18

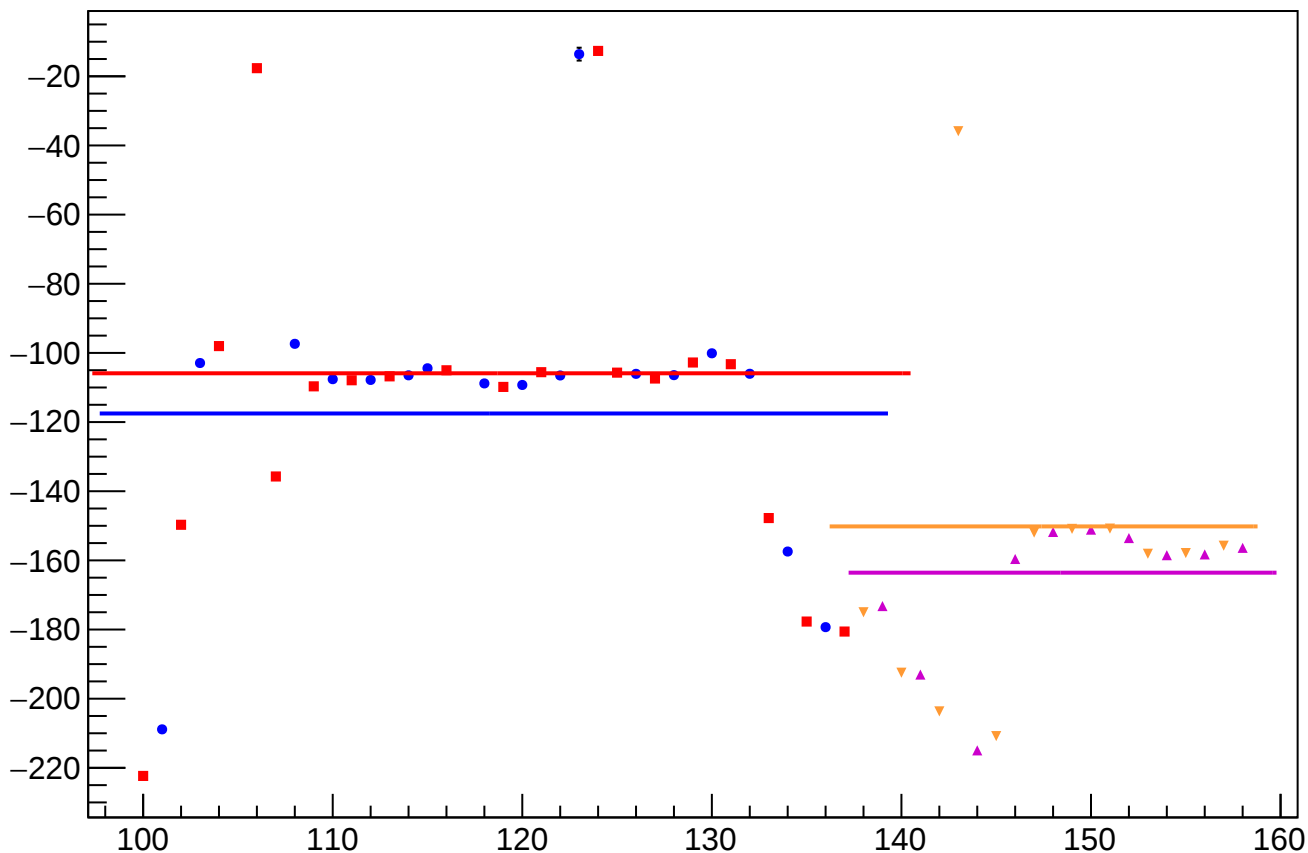
Left In: 57.342 $\pm$ 1.504 χ^2/NDF : 161.7/9

+ sign 44.982 $\pm$ 0.952 χ^2/NDF : 930.0/27

All: 45.179 $\pm$ 0.674 χ^2/NDF : 1670.5/56

- sign 45.377 $\pm$ 0.955 χ^2/NDF : 740.4/28

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -150.176+/-0.074 χ^2/NDF : 402367.9/10

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

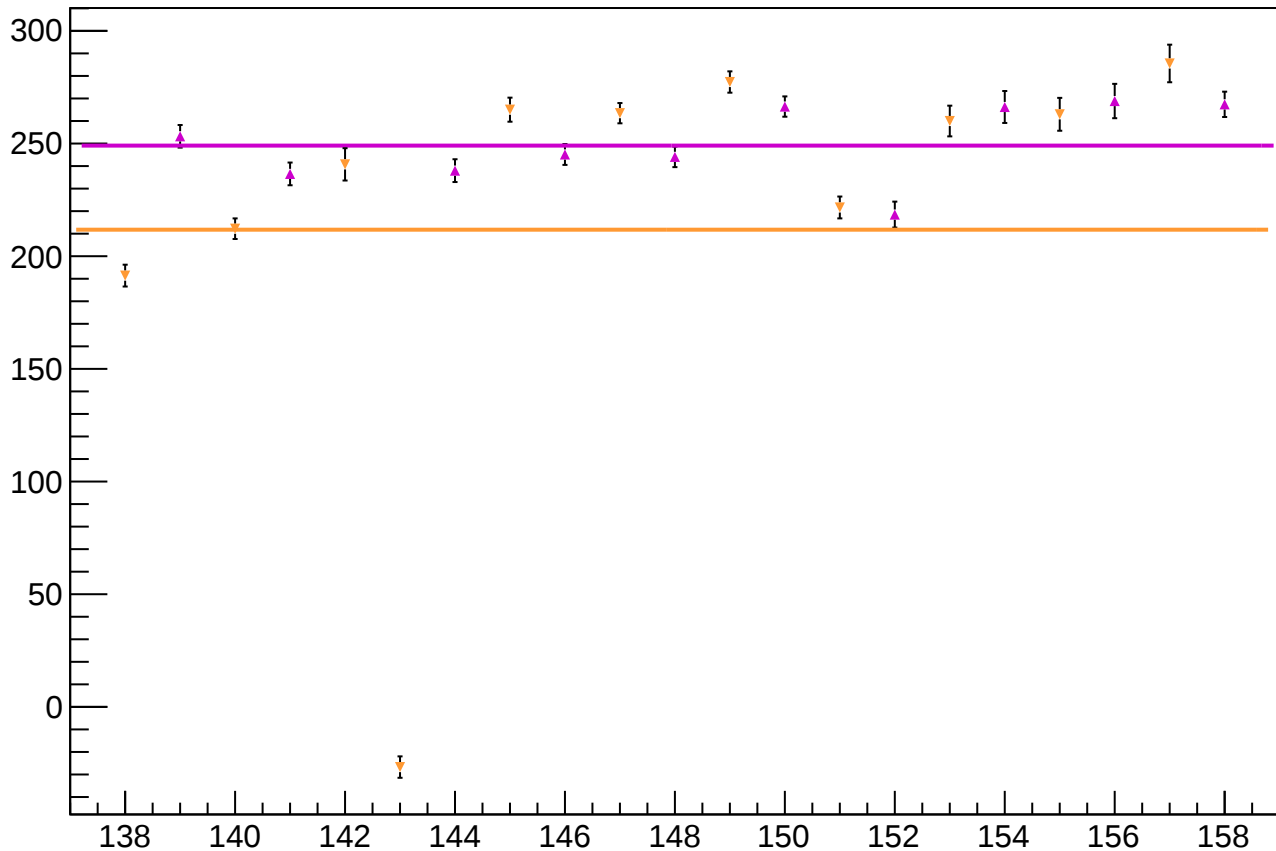
Left In: -163.557+/-0.073 χ^2/NDF : 56589.5/9

+ sign -134.753+/-0.054 χ^2/NDF : 636914.6/27

All: -134.757+/-0.037 χ^2/NDF : 1331915.5/56

- sign -134.761+/-0.051 χ^2/NDF : 695000.9/28

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 211.769+/-1.621 χ^2/NDF : 3155.2/10

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

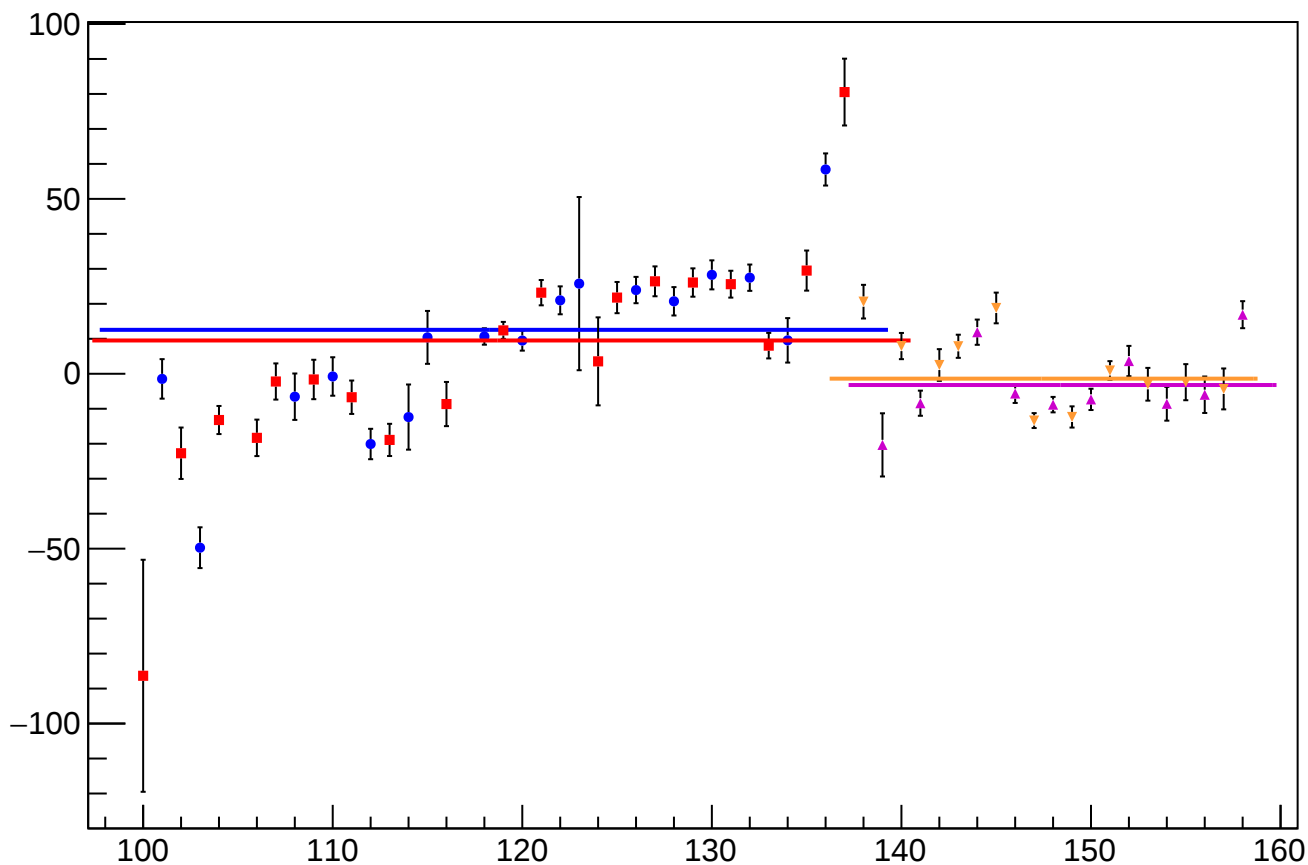
Left In: 249.084+/-1.663 χ^2/NDF : 79.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.944+/-1.161 χ^2/NDF : 3493.3/20

- 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: -1.395 $\pm$ 1.062 χ^2 /NDF: 102.7/10

Right Out: 9.519 $\pm$ 1.051 χ^2 /NDF: 296.2/18

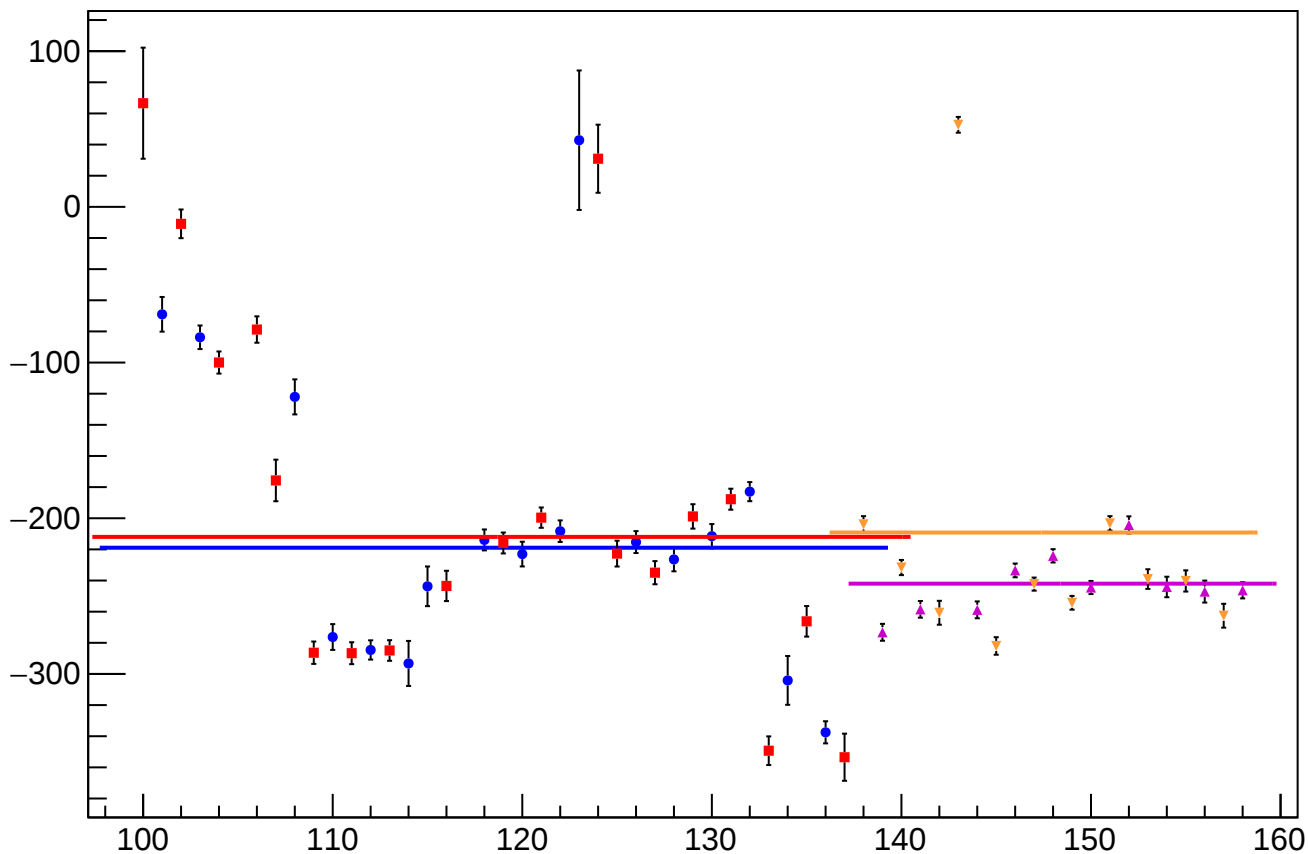
Left In: -3.215 $\pm$ 1.106 χ^2 /NDF: 63.4/9

+ sign 5.622 $\pm$ 0.749 χ^2 /NDF: 537.4/27

All: 4.571 $\pm$ 0.534 χ^2 /NDF: 970.7/56

- sign 3.482 $\pm$ 0.762 χ^2 /NDF: 429.3/28

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -209.158 ± 1.614 $\chi^2/\text{NDF}: 3156.5/10$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

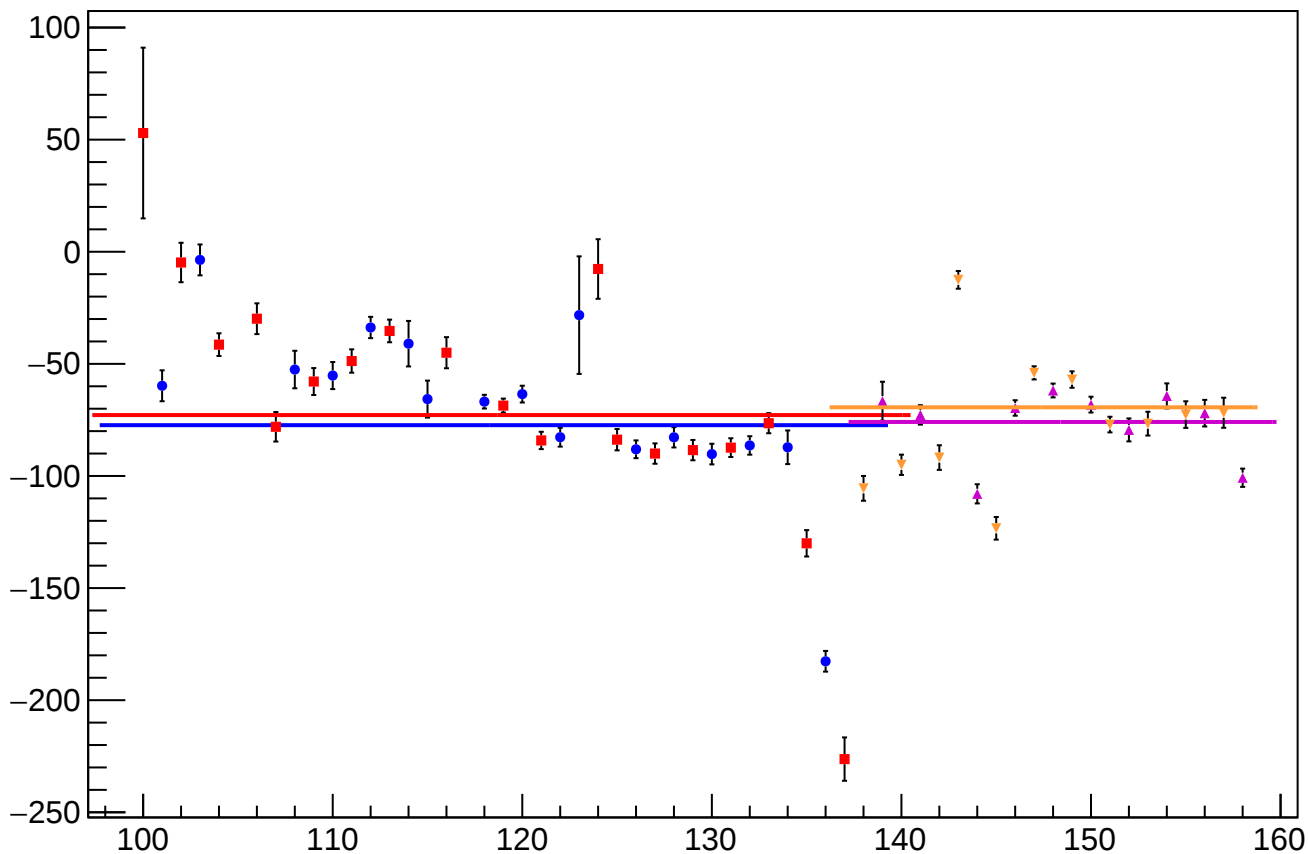
Left In: -242.010 ± 1.626 $\chi^2/\text{NDF}: 122.1/9$

+ sign -212.996 ± 1.257 $\chi^2/\text{NDF}: 4317.5/27$

All: -221.350 ± 0.884 $\chi^2/\text{NDF}: 6555.1/56$

- sign -229.499 ± 1.242 $\chi^2/\text{NDF}: 2150.4/28$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -69.373 ± 1.317 χ^2/NDF : 458.7/10

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

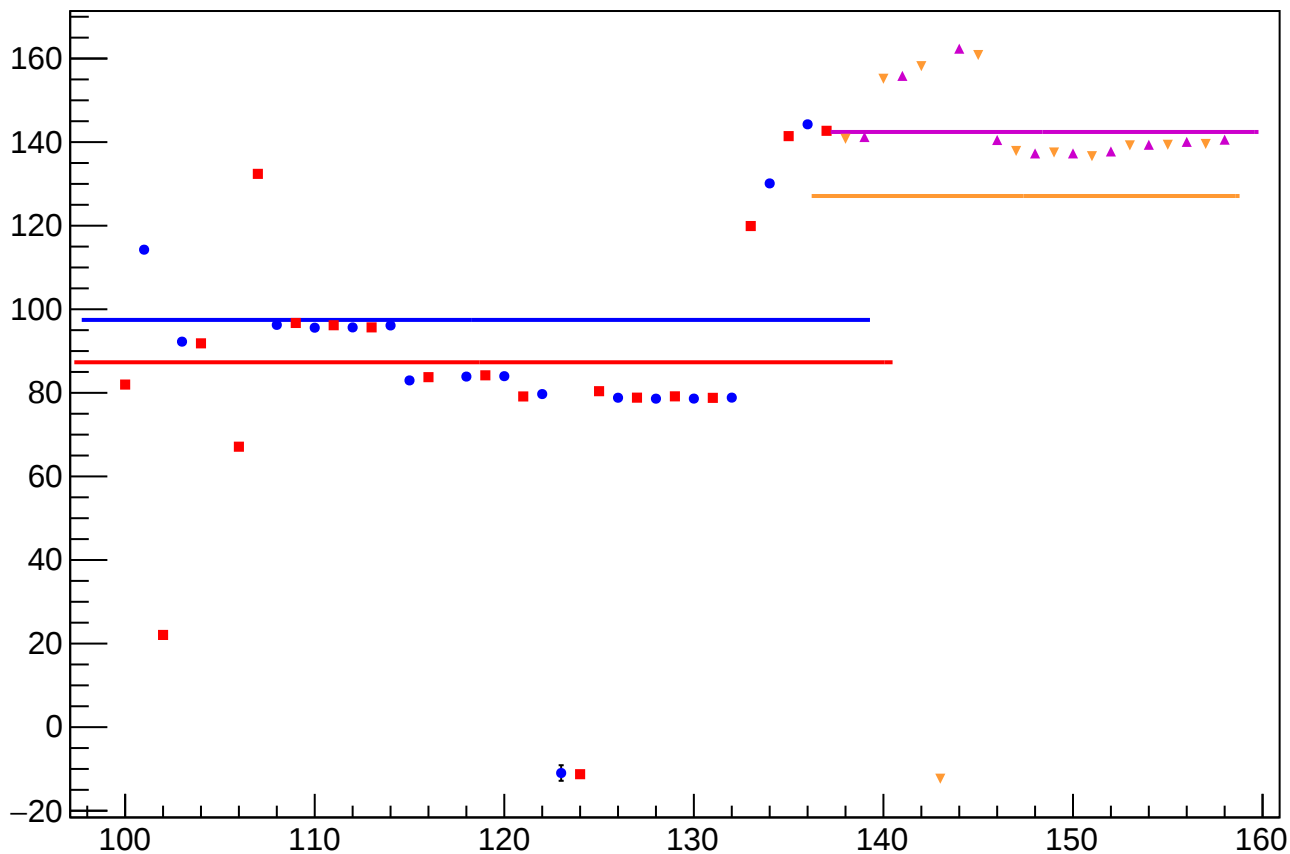
Left In: -75.910 ± 1.349 χ^2/NDF : 129.1/9

+ sign -73.663 ± 0.895 χ^2/NDF : 1295.6/27

All: -73.932 ± 0.635 χ^2/NDF : 2100.6/56

- sign -74.204 ± 0.900 χ^2/NDF : 804.8/28

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 ± 0.073 $\chi^2/\text{NDF}: 94476.4/16$

Left Out: 127.103 ± 0.066 $\chi^2/\text{NDF}: 542383.8/10$

Right Out: 87.315 ± 0.068 $\chi^2/\text{NDF}: 221837.7/18$

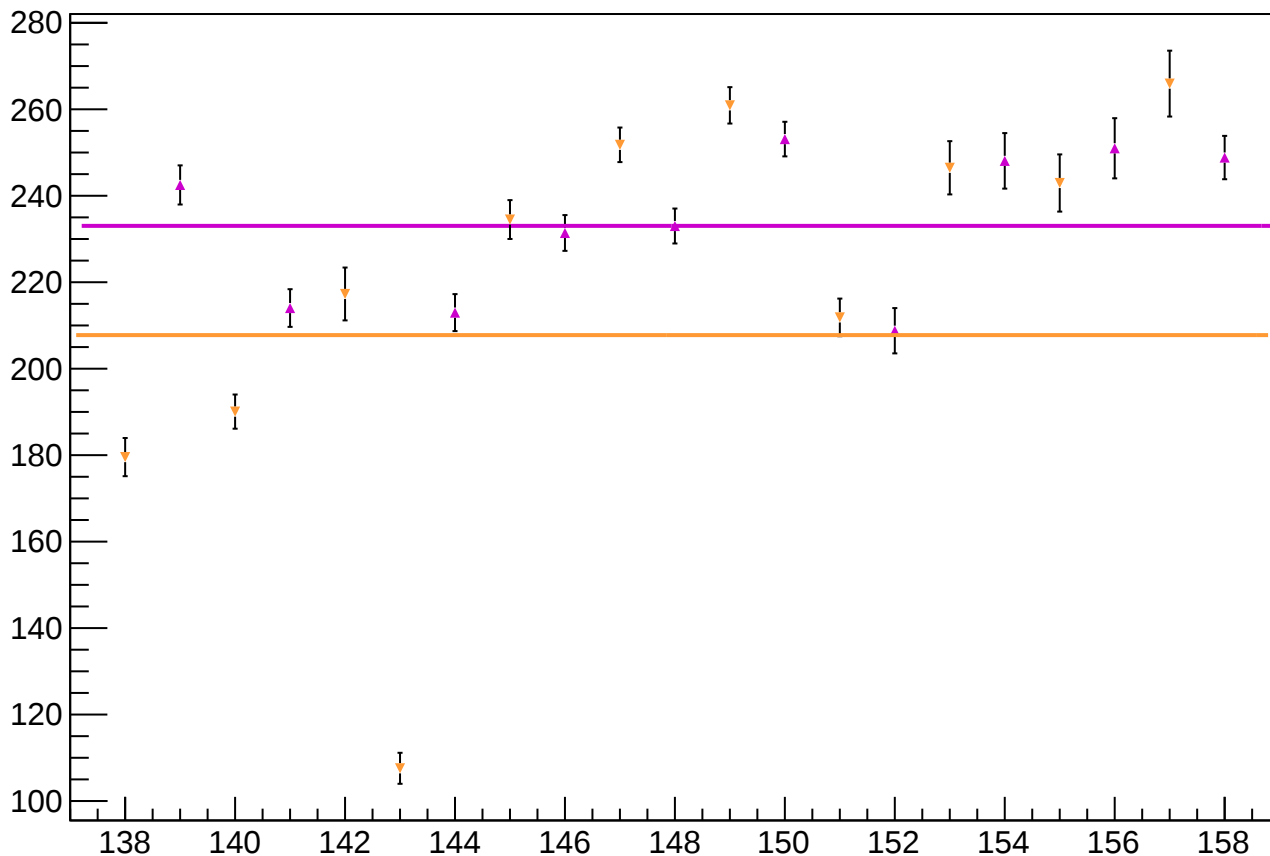
Left In: 142.427 ± 0.065 $\chi^2/\text{NDF}: 13501.8/9$

+ sign 113.832 ± 0.049 $\chi^2/\text{NDF}: 727347.2/27$

All: 115.110 ± 0.034 $\chi^2/\text{NDF}: 1306829.7/56$

- sign 116.284 ± 0.047 $\chi^2/\text{NDF}: 578179.3/28$

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



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

Left Out: 207.768 $\pm$ 1.404 χ^2 /NDF:1287.5/10

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

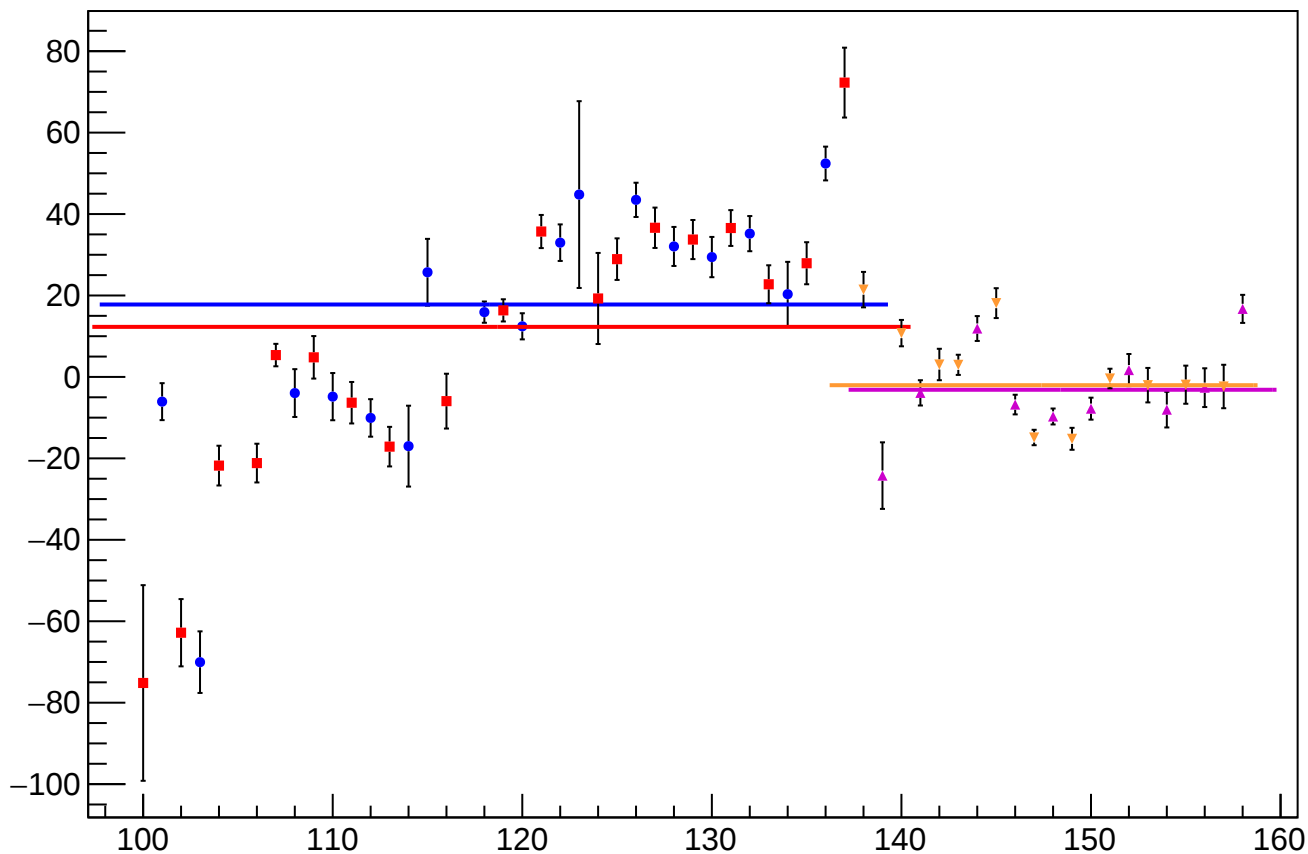
Left In: 233.038 $\pm$ 1.475 χ^2 /NDF:114.2/9

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

All: 219.773 $\pm$ 1.017 χ^2 /NDF: 1555.7/20

- sign 0.000 $\pm$ 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: -2.030 $\pm$ 0.921 χ^2 /NDF: 151.0/10

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

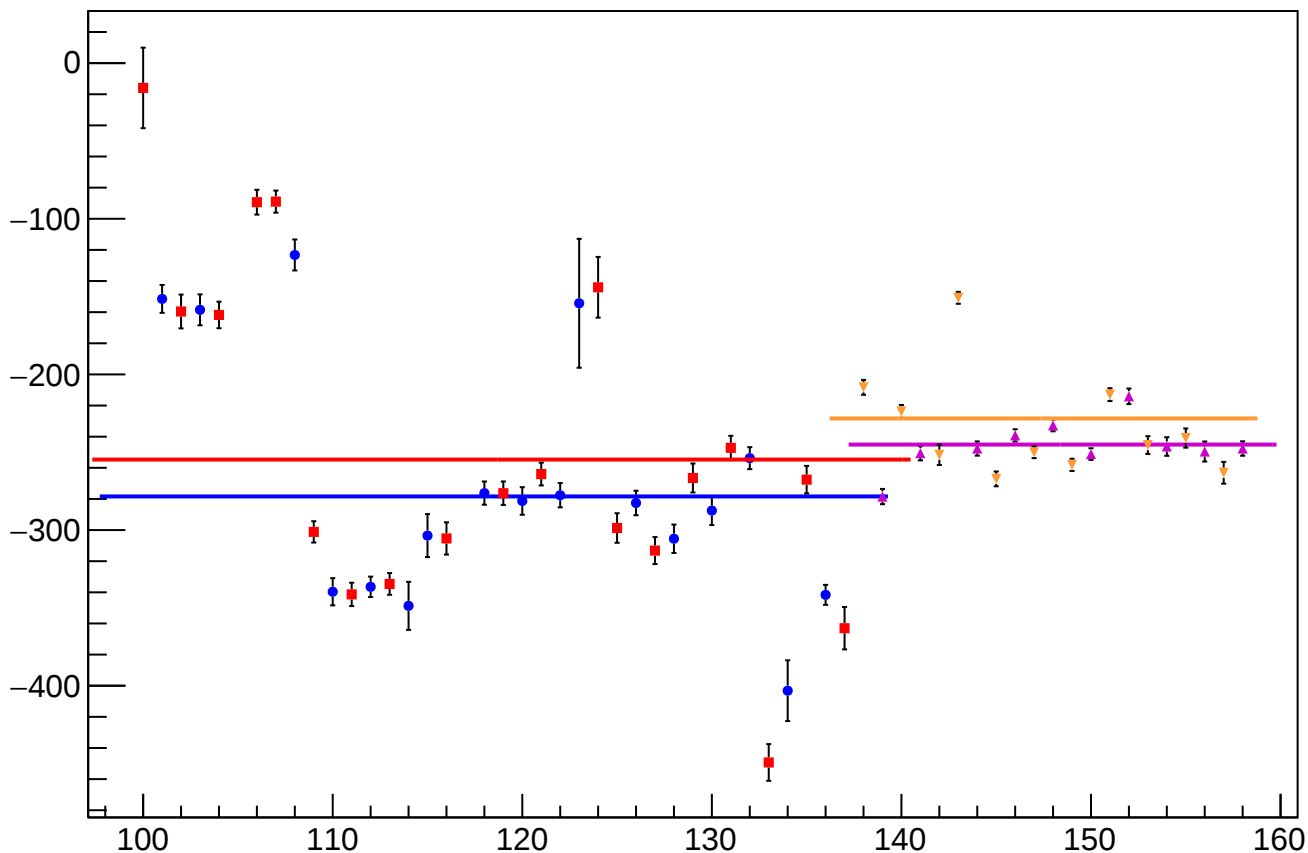
Left In: -3.154 $\pm$ 0.980 χ^2 /NDF: 83.5/9

+ sign 5.739 $\pm$ 0.718 χ^2 /NDF: 727.8/27

All: 4.773 $\pm$ 0.511 χ^2 /NDF: 1370.2/56

- sign 3.780 $\pm$ 0.728 χ^2 /NDF: 638.7/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393 $\pm$ 2.168 χ^2 /NDF: 910.5/16

Left Out: -228.295 $\pm$ 1.403 χ^2 /NDF: 651.0/10

Right Out: -254.703 $\pm$ 2.020 χ^2 /NDF: 2038.5/18

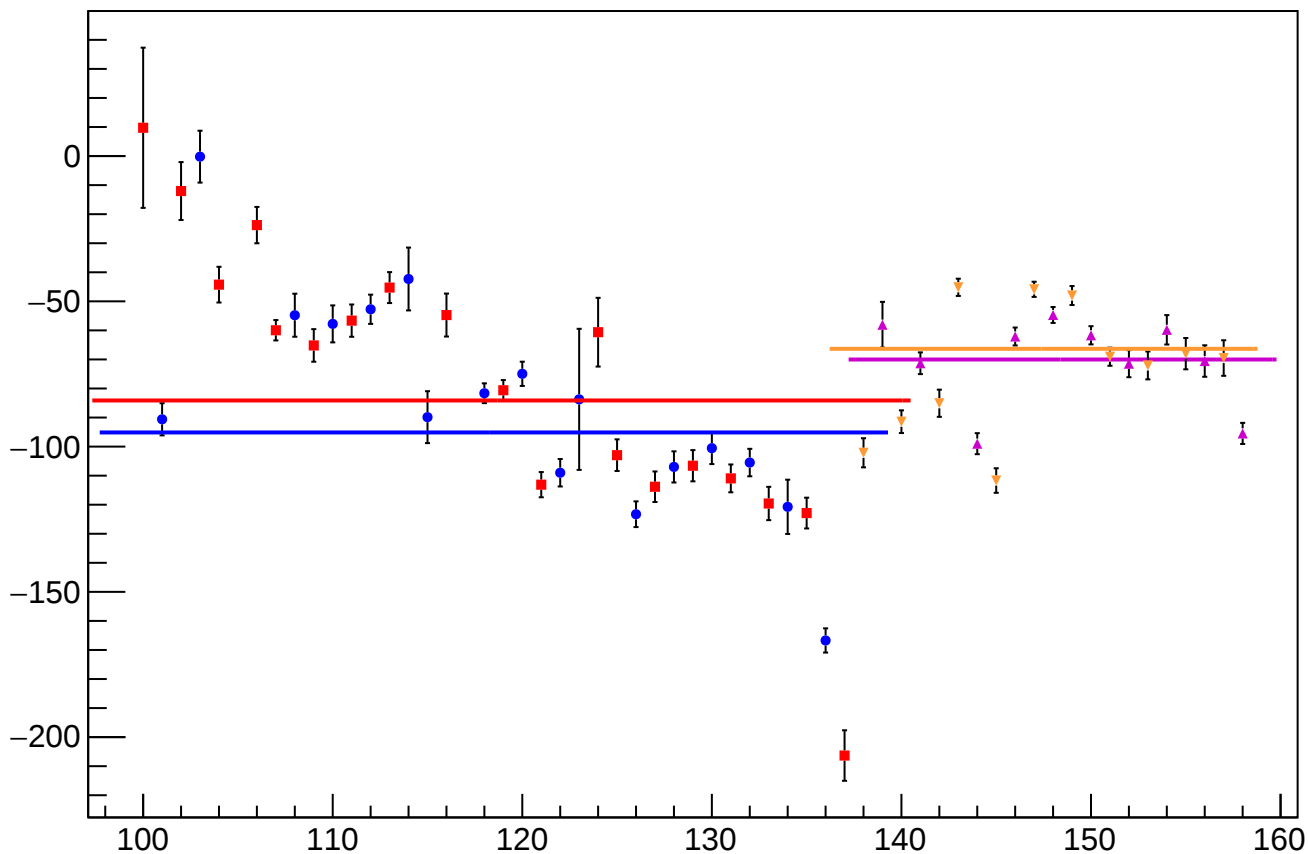
Left In: -245.072 $\pm$ 1.444 χ^2 /NDF: 102.7/9

+ sign -243.093 $\pm$ 1.178 χ^2 /NDF: 1938.0/27

All: -245.719 $\pm$ 0.832 χ^2 /NDF: 4104.1/56

- sign -248.329 $\pm$ 1.175 χ^2 /NDF: 2156.2/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 $\pm$ 1.322 χ^2 /NDF: 674.9/16

Left Out: -66.344 $\pm$ 1.141 χ^2 /NDF: 370.1/10

Right Out: -84.124 $\pm$ 1.259 χ^2 /NDF: 782.9/18

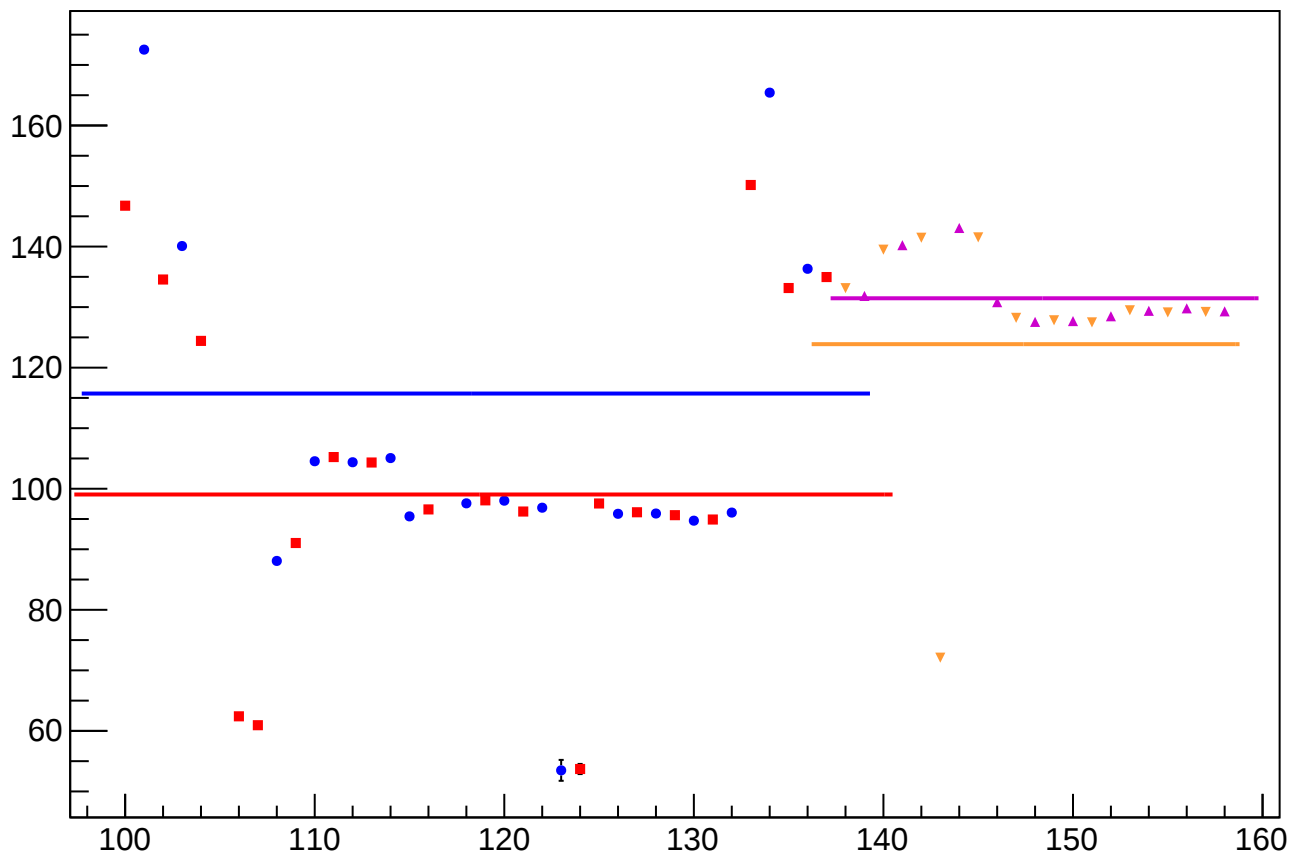
Left In: -70.023 $\pm$ 1.196 χ^2 /NDF: 164.7/9

+ sign -78.625 $\pm$ 0.864 χ^2 /NDF: 1316.8/27

All: -77.672 $\pm$ 0.612 χ^2 /NDF: 2332.8/56

- sign -76.713 $\pm$ 0.867 χ^2 /NDF: 1013.6/28

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: 123.880 $\pm$ 0.057 χ^2 /NDF:140244.8/10

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

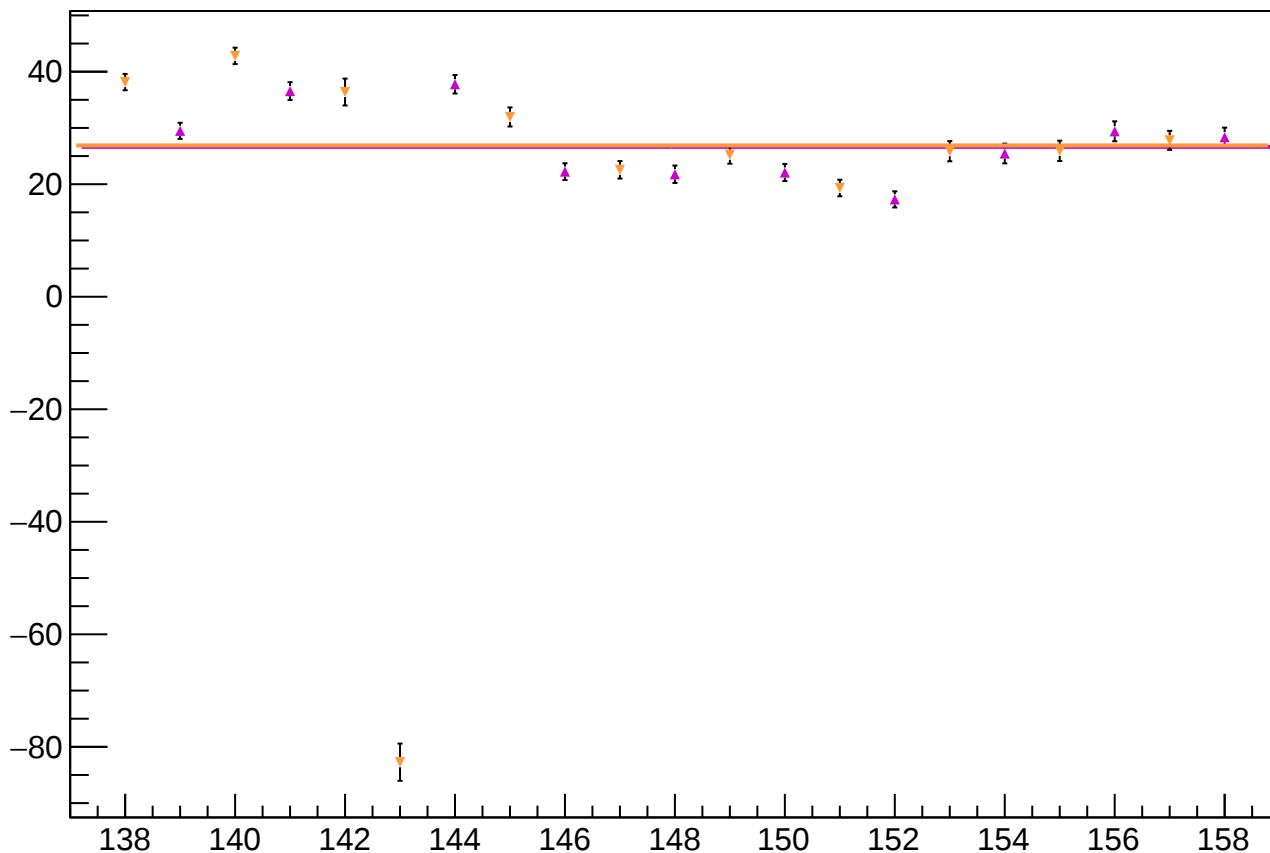
Left In: 131.459 $\pm$ 0.058 χ^2 /NDF:7272.0/9

+ sign 121.013 $\pm$ 0.046 χ^2 /NDF: 253727.5/27

All: 119.439 $\pm$ 0.032 χ^2 /NDF: 567590.7/56

- sign 118.004 $\pm$ 0.044 χ^2 /NDF: 311647.9/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 26.891+/-0.514 χ^2/NDF :1336.4/10

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

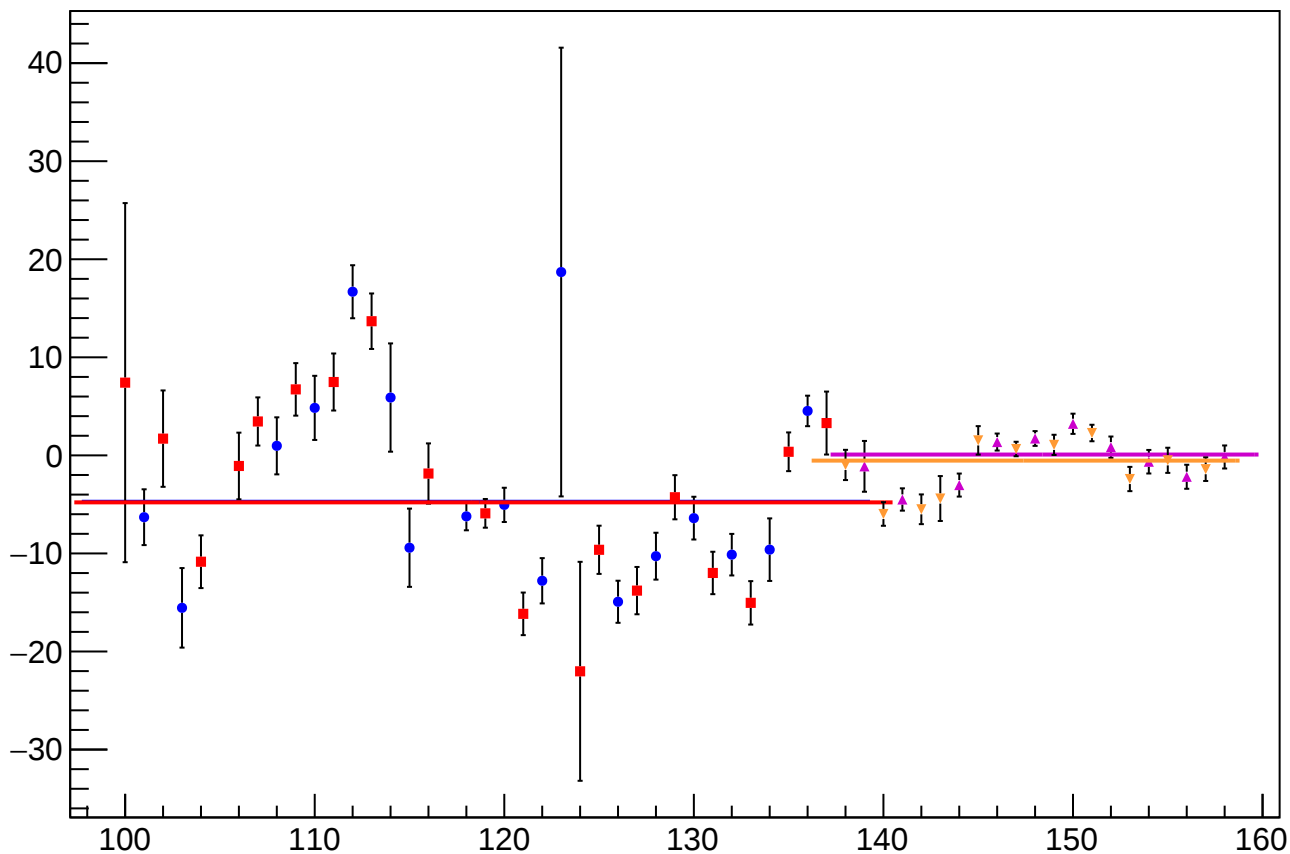
Left In: 26.642+/-0.498 χ^2/NDF :162.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.763+/-0.358 χ^2/NDF : 1499.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -0.534 ± 0.346 χ^2/NDF : 55.2/10

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

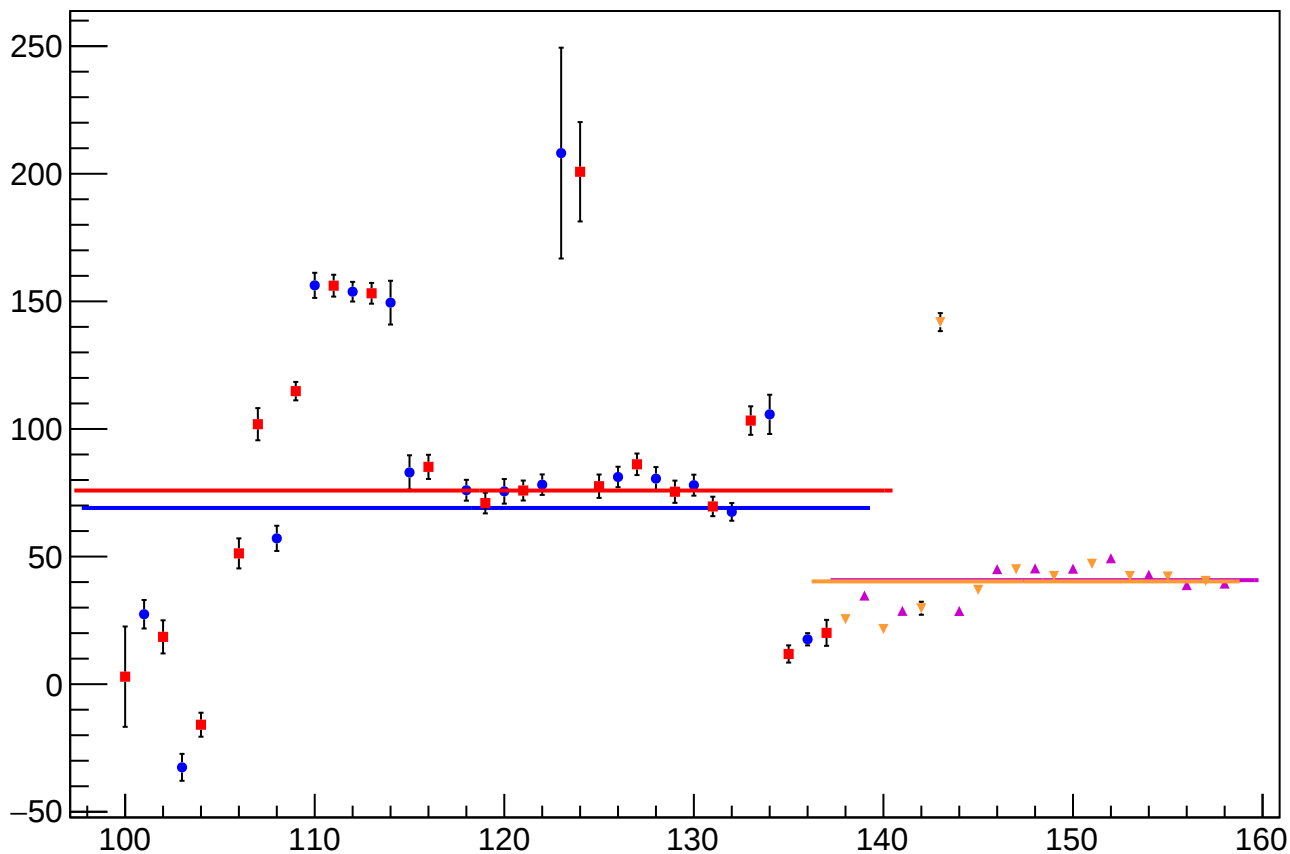
Left In: 0.084 ± 0.341 χ^2/NDF : 43.9/9

+ sign -1.636 ± 0.297 χ^2/NDF : 268.6/27

All: -1.391 ± 0.209 χ^2/NDF : 559.2/56

- sign -1.150 ± 0.295 χ^2/NDF : 289.2/28

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048+/-1.077 χ^2/NDF : 1847.9/16

Left Out: 40.268+/-0.505 χ^2/NDF : 1119.1/10

Right Out: 75.878+/-1.069 χ^2/NDF : 1895.0/18

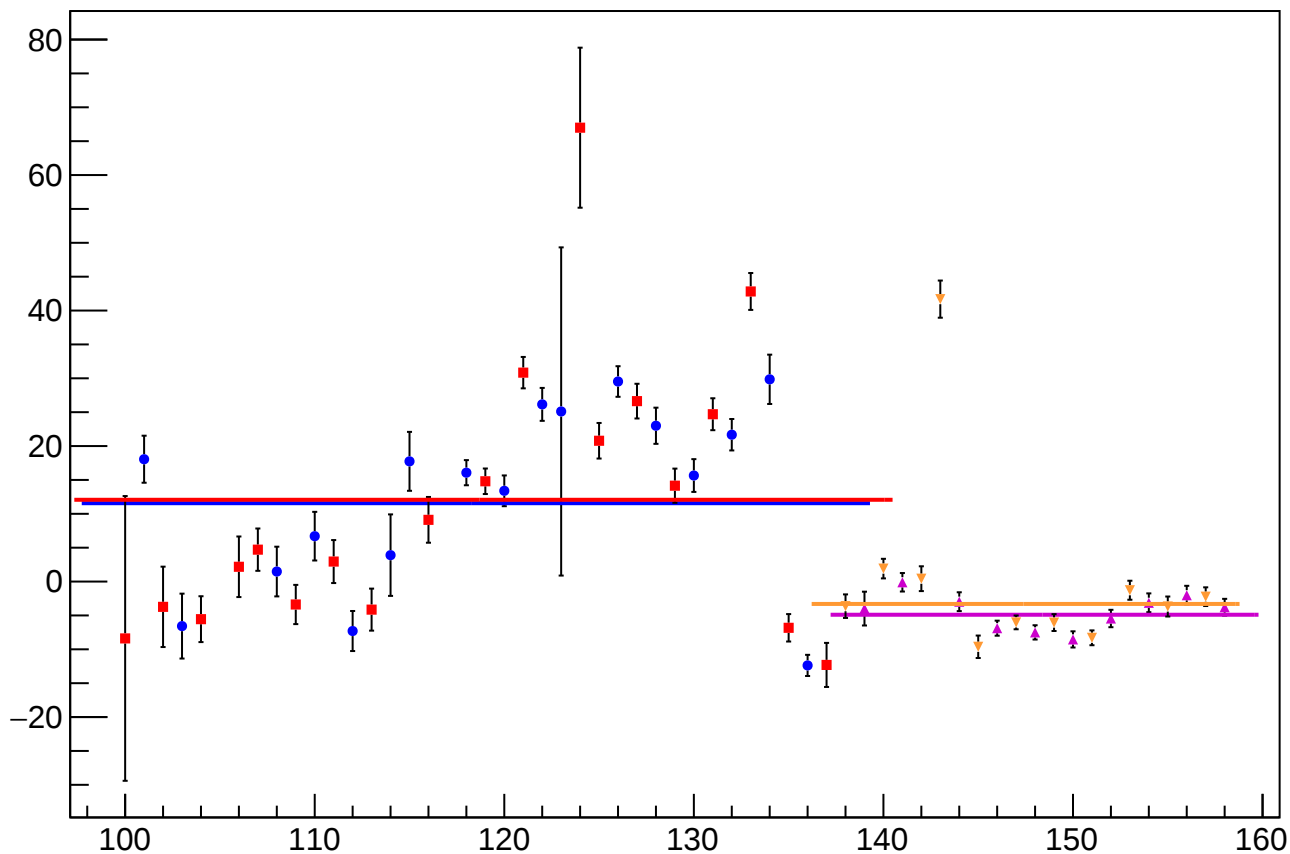
Left In: 40.753+/-0.486 χ^2/NDF : 185.1/9

+ sign 45.461+/-0.457 χ^2/NDF : 3552.6/27

All: 46.136+/-0.318 χ^2/NDF : 6530.9/56

- sign 46.768+/-0.443 χ^2/NDF : 2974.1/28

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: -3.303 $\pm$ 0.424 χ^2 /NDF: 336.5/10

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

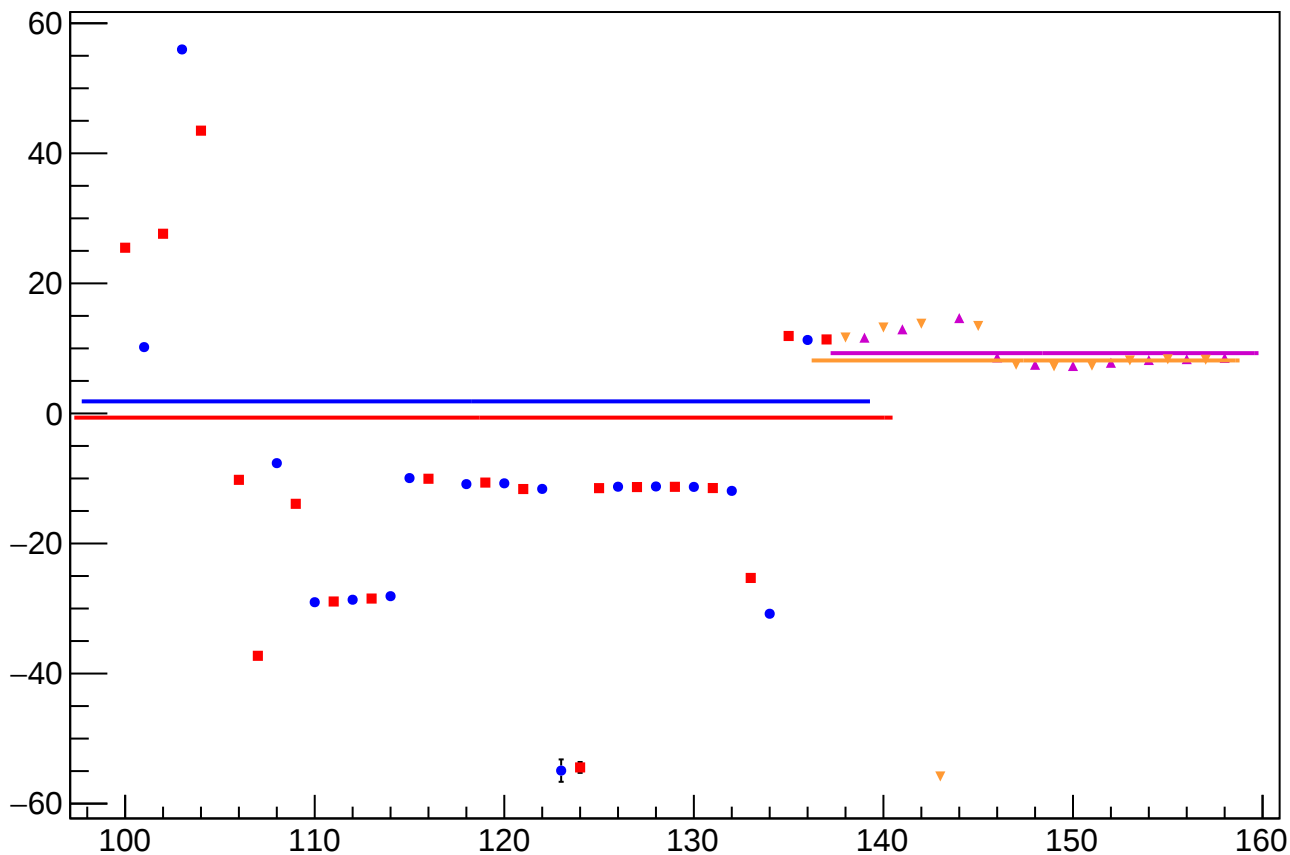
Left In: -4.897 $\pm$ 0.411 χ^2 /NDF: 39.8/9

+ sign 1.063 $\pm$ 0.357 χ^2 /NDF: 1175.1/27

All: 0.417 $\pm$ 0.250 χ^2 /NDF: 2236.3/56

- sign -0.202 $\pm$ 0.350 χ^2 /NDF: 1054.8/28

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: 8.148+/-0.020 χ^2/NDF : 222440.2/10

Right Out: -0.644+/-0.037 χ^2/NDF : 361625.7/18

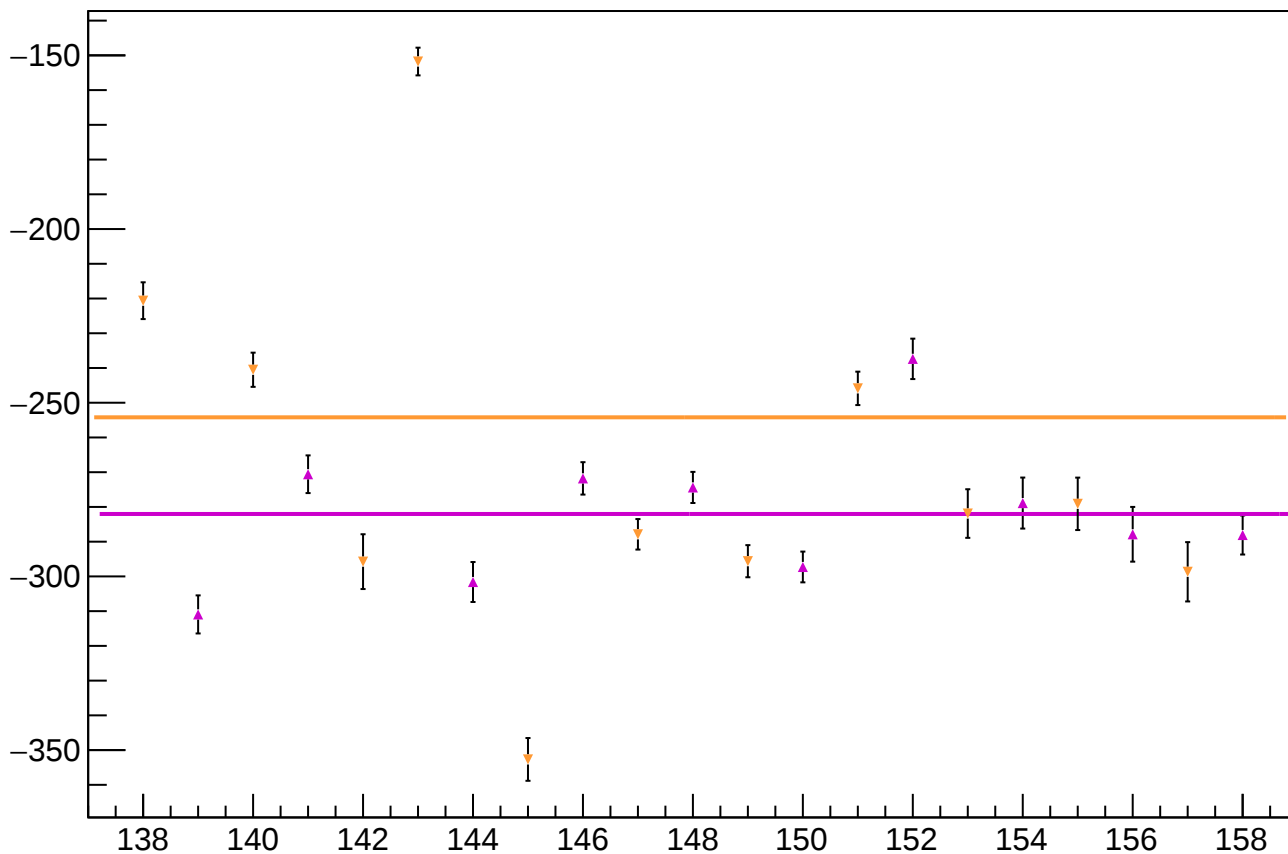
Left In: 9.271+/-0.019 χ^2/NDF : 13243.6/9

+ sign 6.725+/-0.018 χ^2/NDF : 604238.7/27

All: 6.976+/-0.012 χ^2/NDF : 1036205.4/56

- sign 7.207+/-0.017 χ^2/NDF : 431575.9/28

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: -254.202+/-1.631 χ^2/NDF : 1186.5/10

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

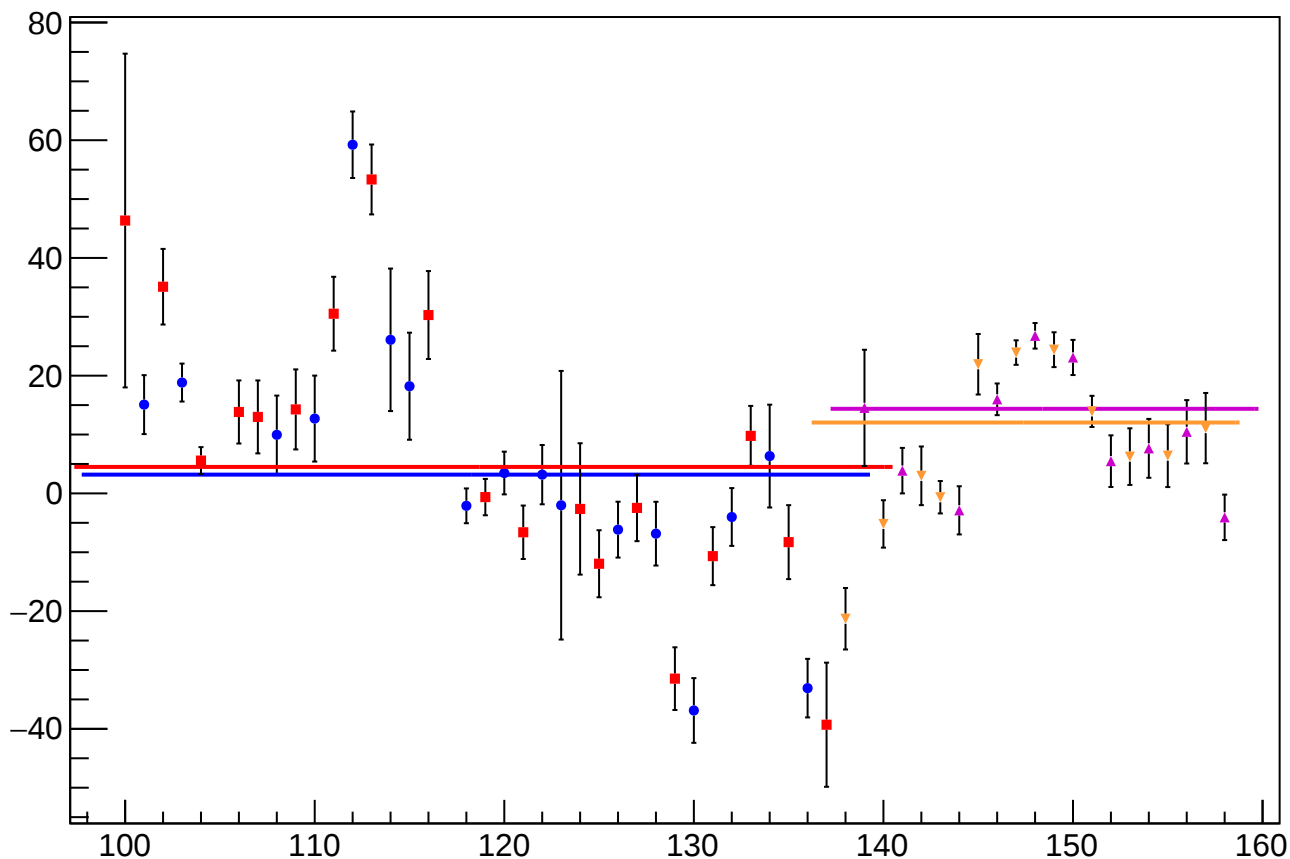
Left In: -282.026+/-1.715 χ^2/NDF : 124.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.422+/-1.182 χ^2/NDF : 1449.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188 ± 1.225 $\chi^2/\text{NDF}: 255.6/16$

Left Out: 12.041 ± 1.053 $\chi^2/\text{NDF}: 140.4/10$

Right Out: 4.497 ± 1.160 $\chi^2/\text{NDF}: 225.4/18$

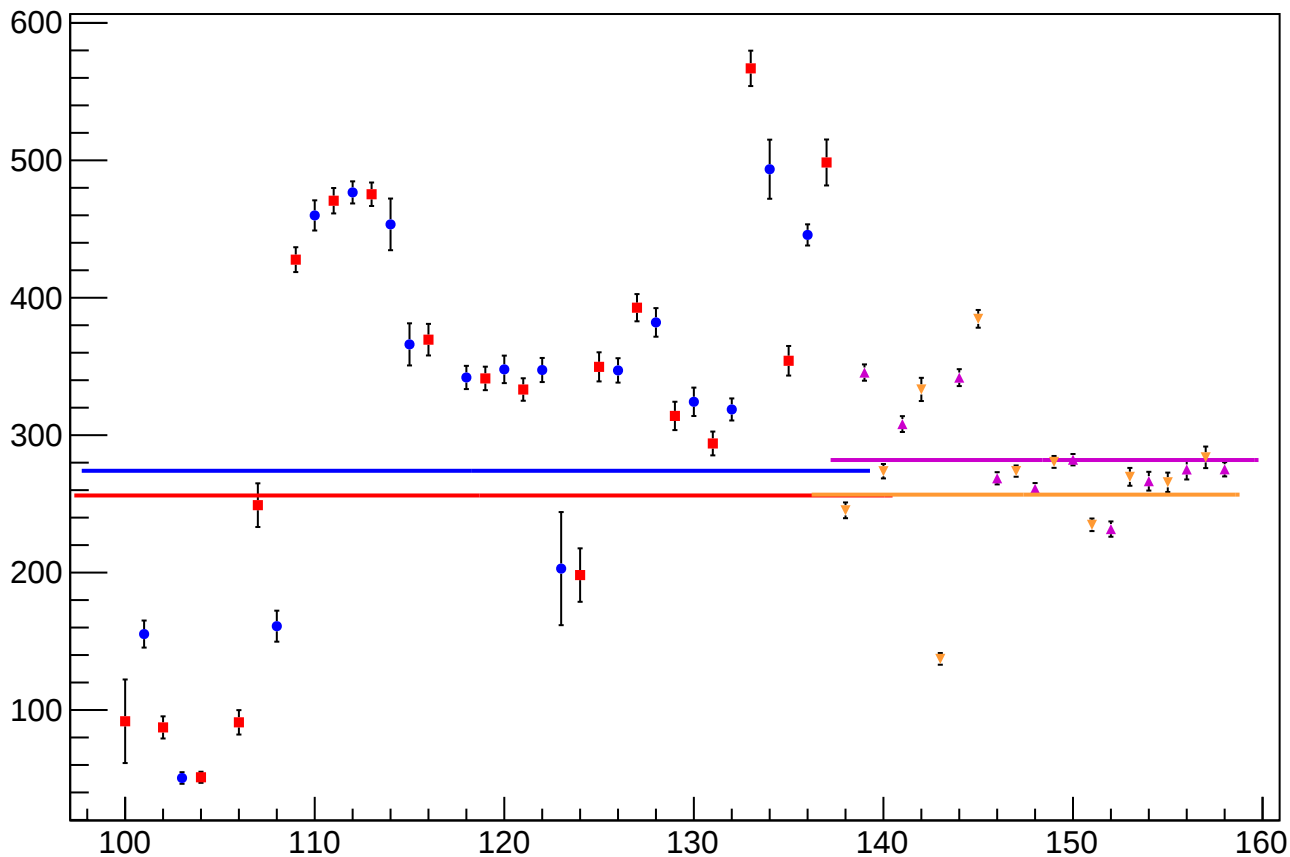
Left In: 14.370 ± 1.123 $\chi^2/\text{NDF}: 95.9/9$

+ sign 8.282 ± 0.798 $\chi^2/\text{NDF}: 426.1/27$

All: 8.930 ± 0.568 $\chi^2/\text{NDF}: 786.2/56$

- sign 9.592 ± 0.807 $\chi^2/\text{NDF}: 358.8/28$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 $\pm$ 2.191 χ^2 /NDF: 5112.0/16

Left Out: 256.723 $\pm$ 1.621 χ^2 /NDF:1365.6/10

Right Out: 256.109 $\pm$ 2.080 χ^2 /NDF: 6444.1/18

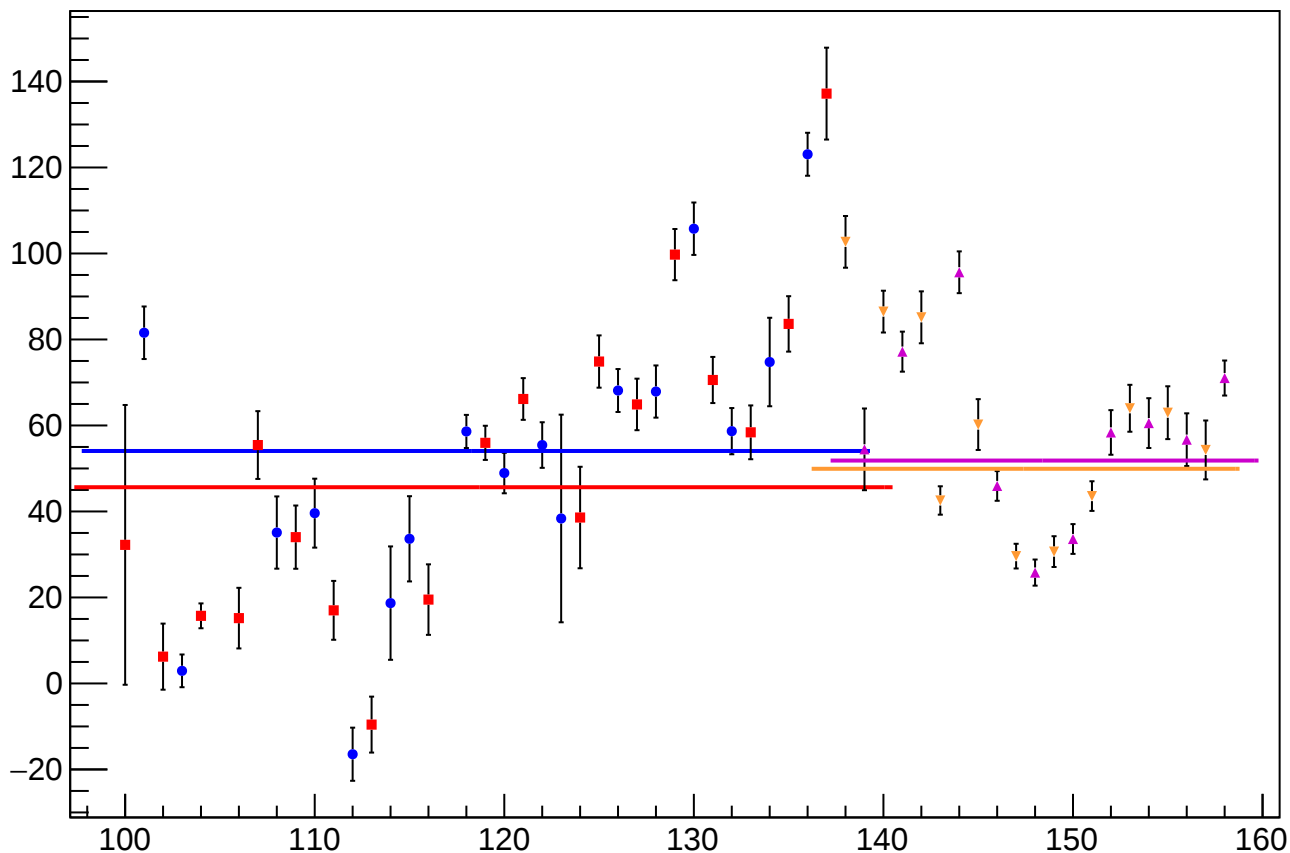
Left In: 281.922 $\pm$ 1.667 χ^2 /NDF:353.4/9

+ sign 262.862 $\pm$ 1.303 χ^2 /NDF: 6518.1/27

All: 267.353 $\pm$ 0.921 χ^2 /NDF: 13433.1/56

- sign 271.829 $\pm$ 1.301 χ^2 /NDF: 6891.2/28

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: 49.924 $\pm$ 1.310 χ^2 /NDF: 269.5/10

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

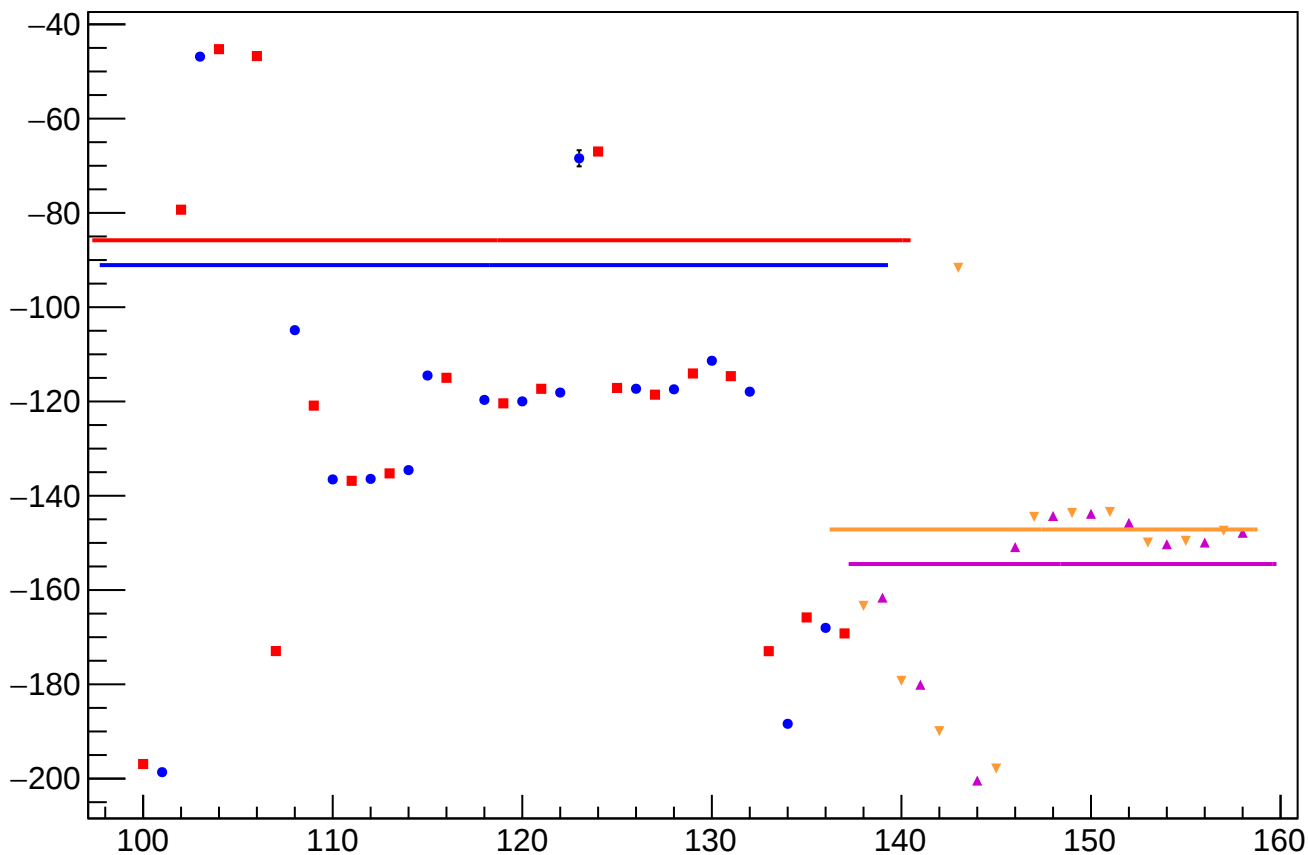
Left In: 51.840 $\pm$ 1.375 χ^2 /NDF: 241.9/9

+ sign 51.827 $\pm$ 0.963 χ^2 /NDF: 908.5/27

All: 50.271 $\pm$ 0.682 χ^2 /NDF: 1696.8/56

- sign 48.703 $\pm$ 0.966 χ^2 /NDF: 783.0/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 $\pm$ 0.068 χ^2 /NDF: 534647.5/16

Left Out: -147.153 $\pm$ 0.066 χ^2 /NDF: 186771.5/10

Right Out: -85.803 $\pm$ 0.065 χ^2 /NDF: 495895.1/18

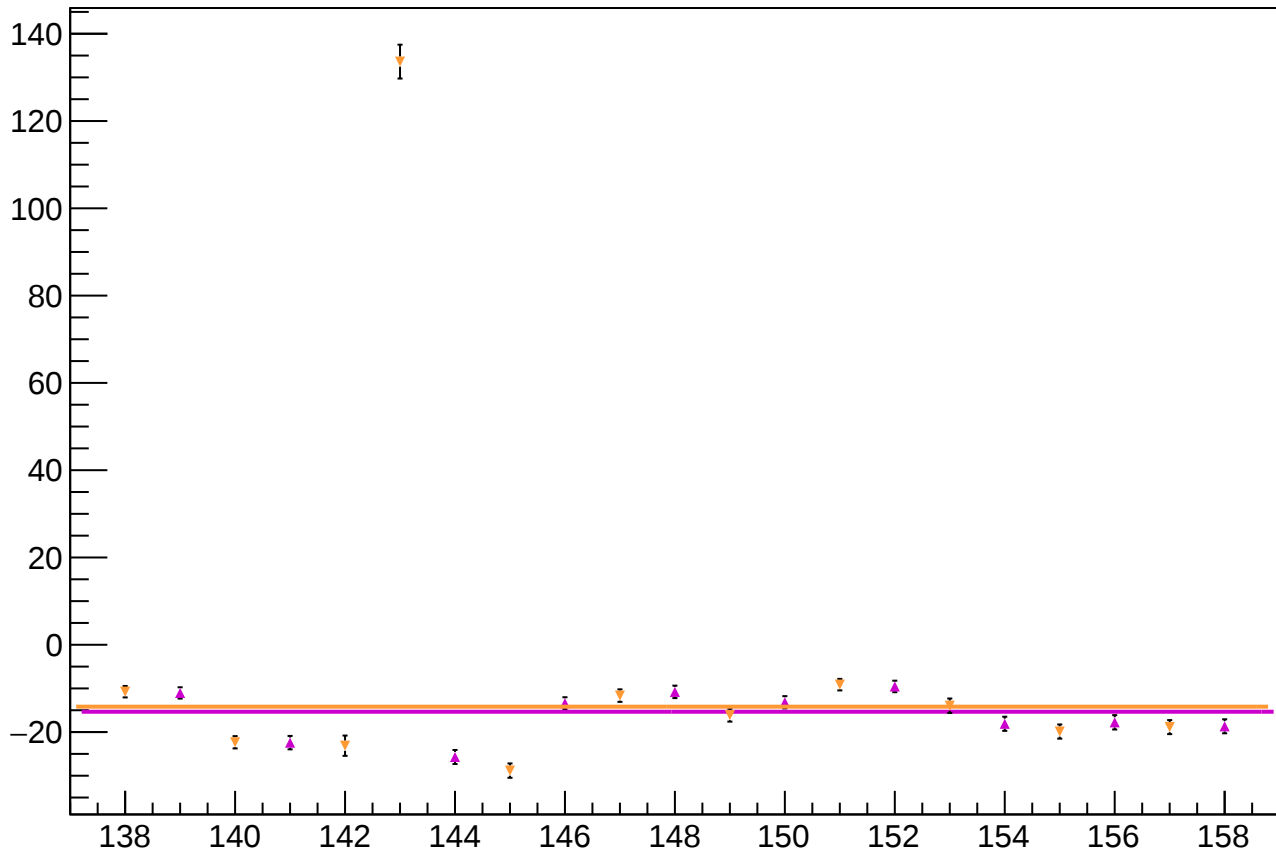
Left In: -154.481 $\pm$ 0.067 χ^2 /NDF: 52885.1/9

+ sign -119.554 $\pm$ 0.047 χ^2 /NDF: 1071659.0/27

All: -119.434 $\pm$ 0.033 χ^2 /NDF: 2164558.1/56

- sign -119.318 $\pm$ 0.047 χ^2 /NDF: 1092886.4/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -14.180+/-0.480 χ^2/NDF : 1624.5/10

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

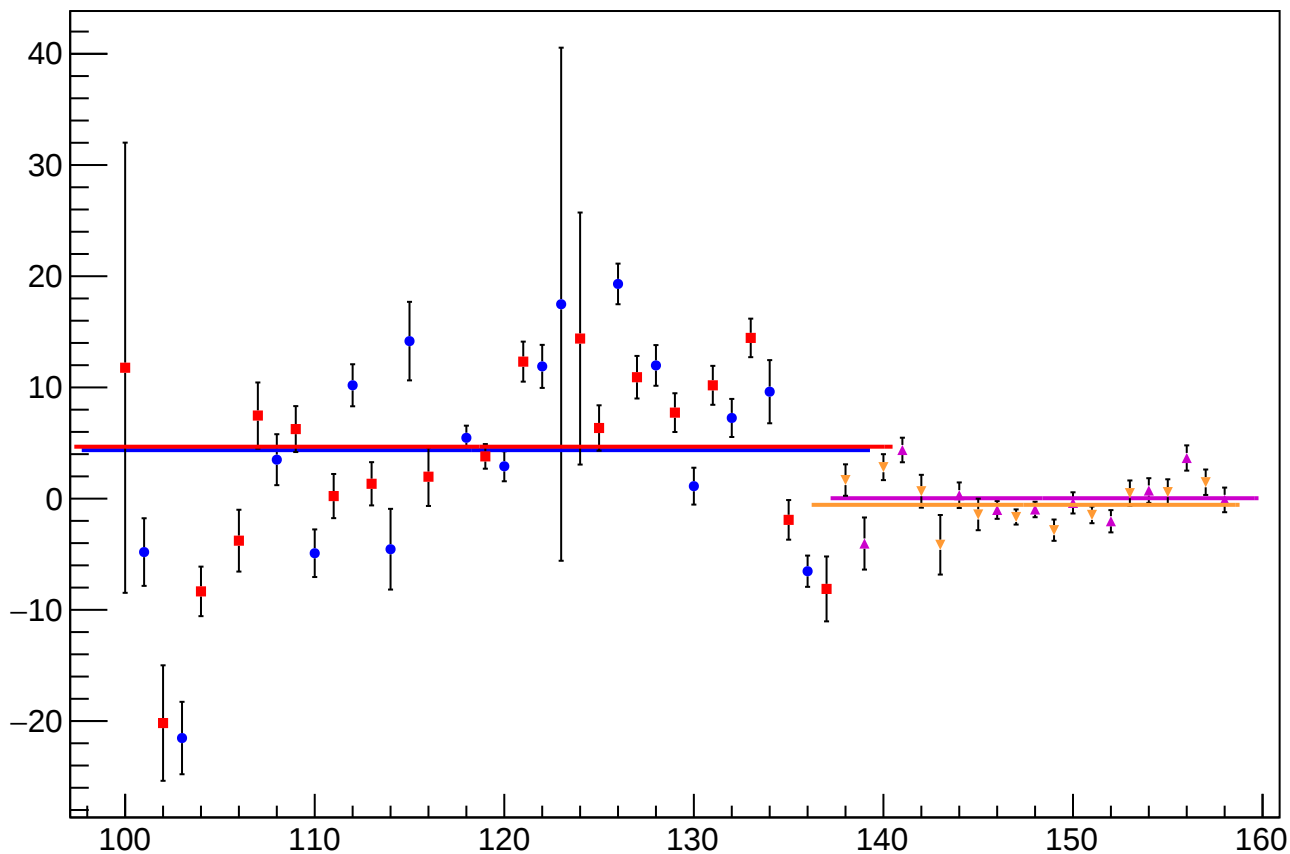
Left In: -15.344+/-0.464 χ^2/NDF : 117.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.781+/-0.334 χ^2/NDF : 1744.5/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361 ± 0.464 χ^2/NDF : 286.5/16

Left Out: -0.557 ± 0.322 χ^2/NDF : 28.5/10

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

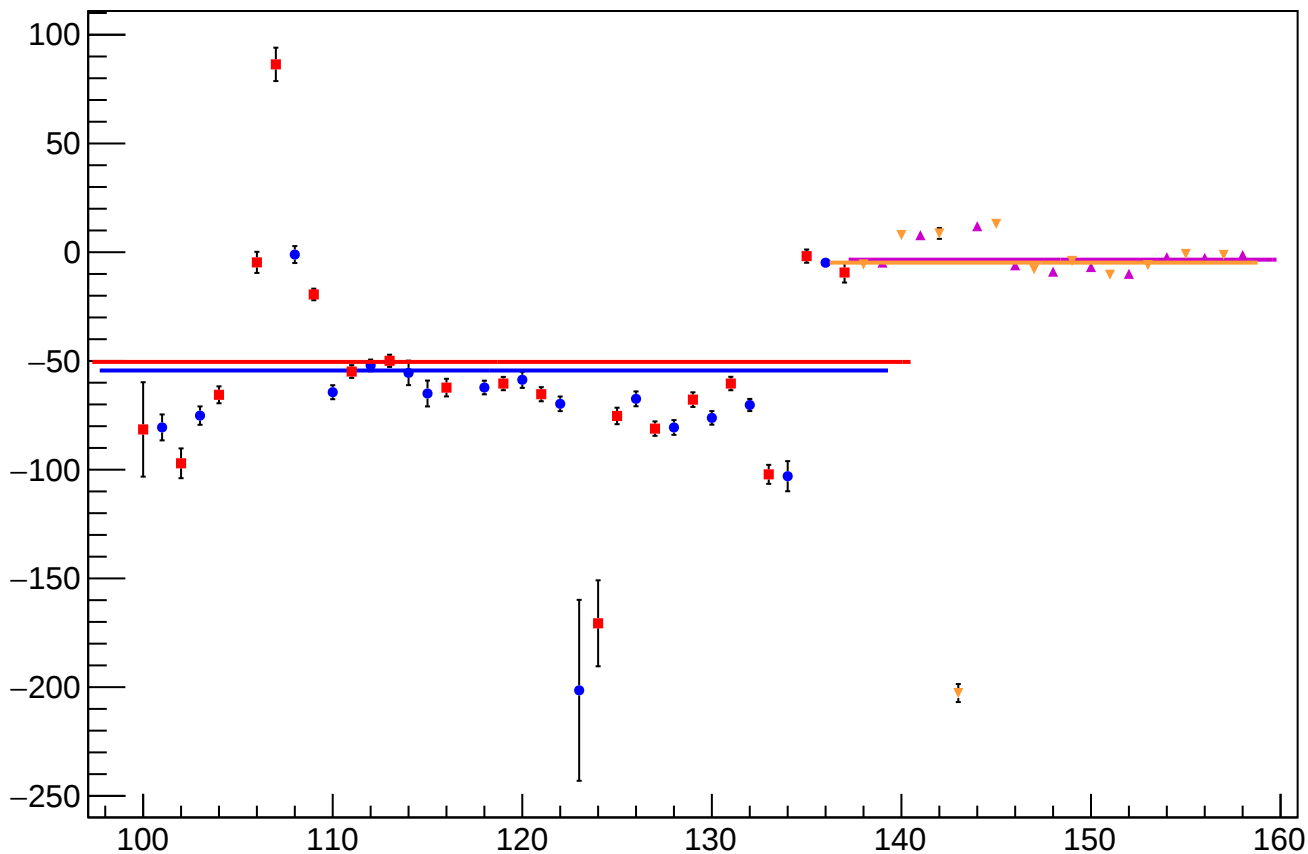
Left In: 0.037 ± 0.318 χ^2/NDF : 37.4/9

+ sign 1.040 ± 0.265 χ^2/NDF : 390.7/27

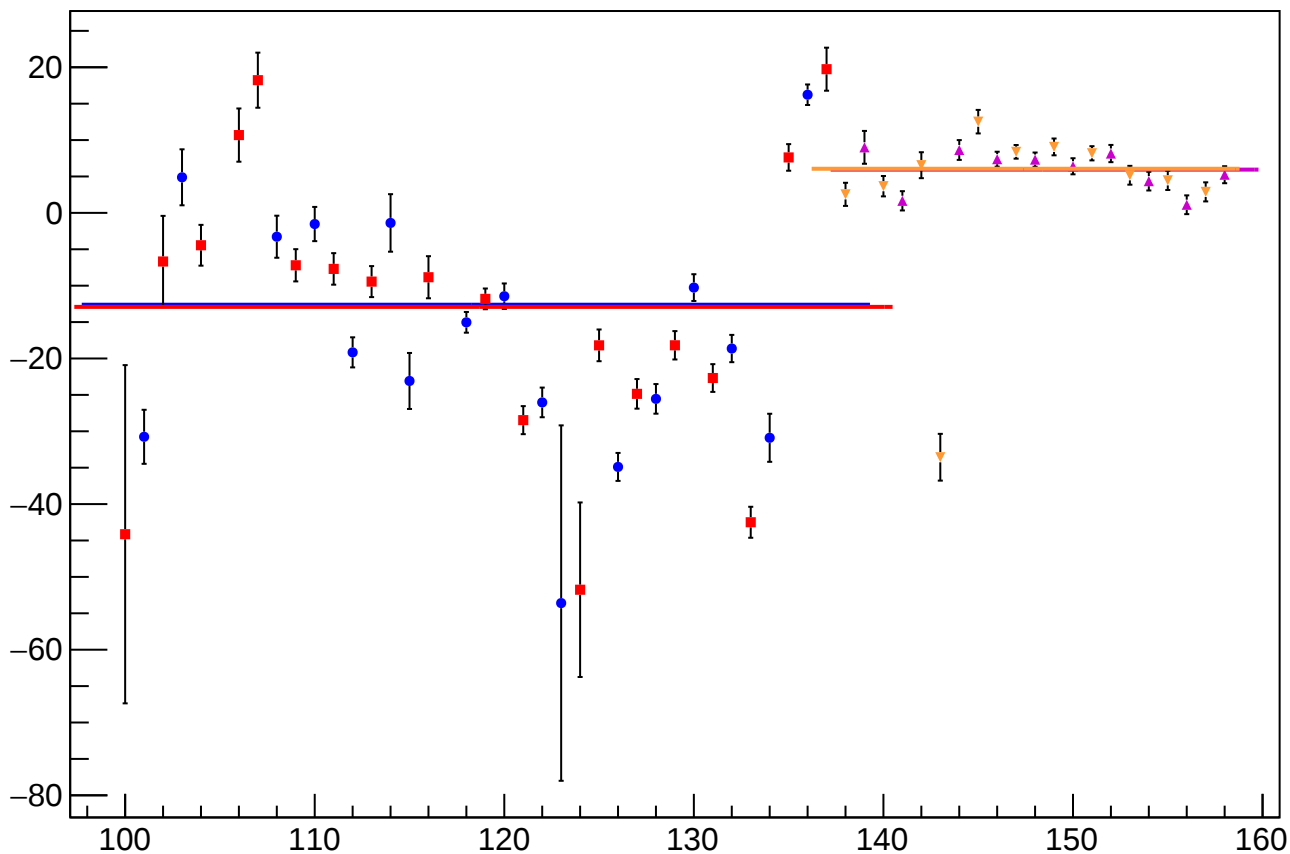
All: 1.258 ± 0.187 χ^2/NDF : 680.7/56

- sign 1.474 ± 0.264 χ^2/NDF : 288.6/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 6.061 ± 0.396 χ^2/NDF : 201.6/10

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

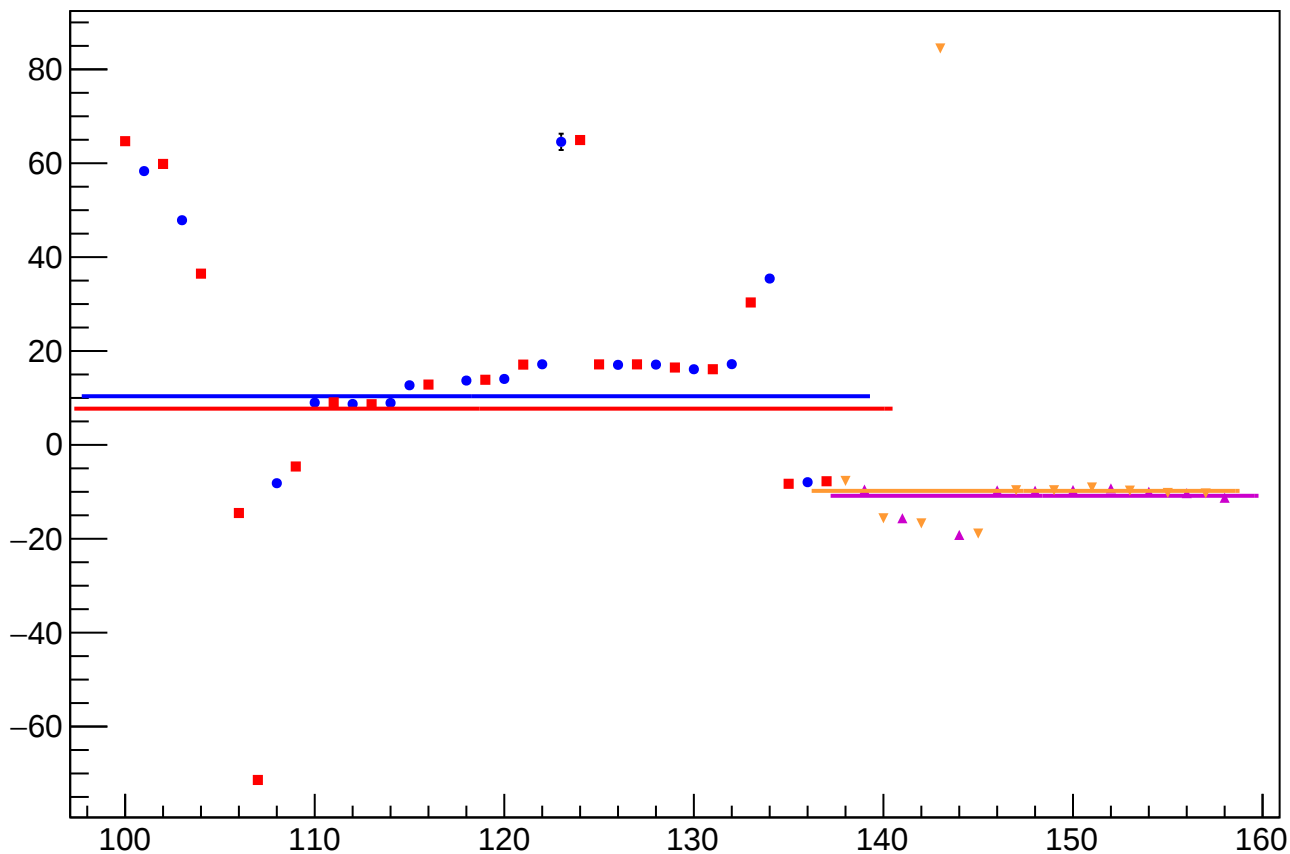
Left In: 5.942 ± 0.384 χ^2/NDF : 39.7/9

+ sign -0.619 ± 0.317 χ^2/NDF : 1786.9/27

All: -0.513 ± 0.223 χ^2/NDF : 3370.8/56

- sign -0.411 ± 0.312 χ^2/NDF : 1583.7/28

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: -9.795+/-0.019 χ^2/NDF : 354698.3/10

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

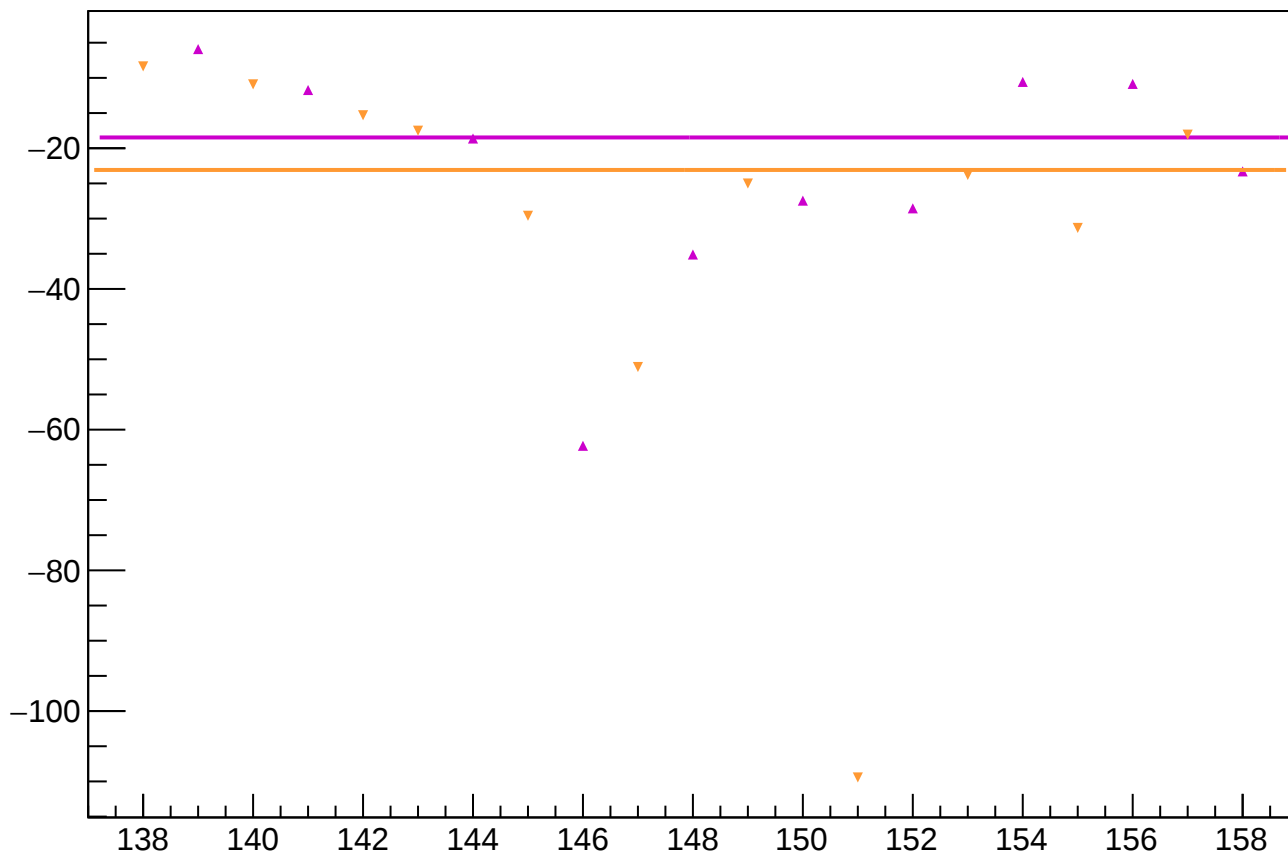
Left In: -10.845+/-0.018 χ^2/NDF : 20896.5/9

+ sign -4.329+/-0.016 χ^2/NDF : 1053398.9/27

All: -5.375+/-0.011 χ^2/NDF : 1895186.2/56

- sign -6.353+/-0.015 χ^2/NDF : 833407.1/28

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.087+/-0.081 χ^2/NDF : 50366.3/10

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

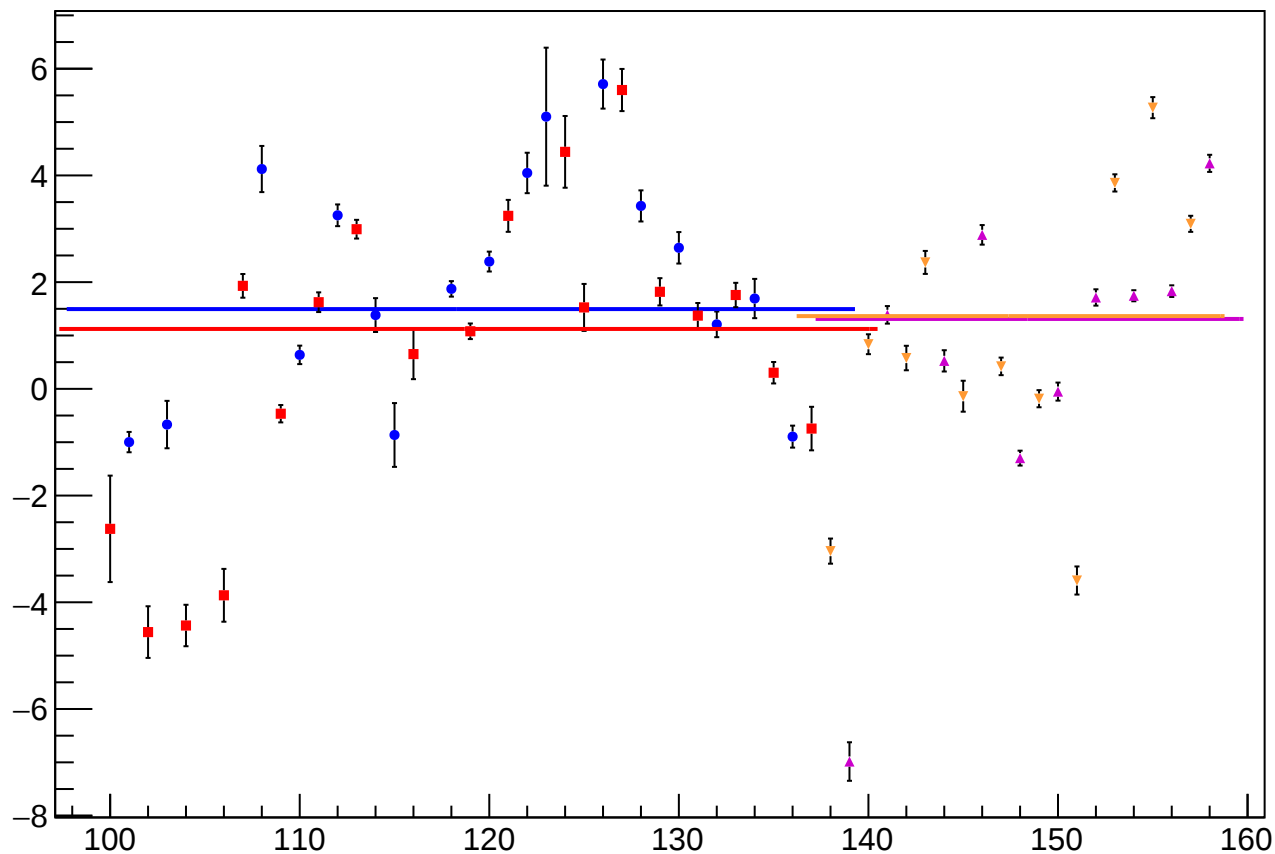
Left In: -18.468+/-0.068 χ^2/NDF : 36519.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.379+/-0.052 χ^2/NDF : 88795.4/20

- 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: 1.363 ± 0.058 χ^2/NDF : 1659.9/10

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

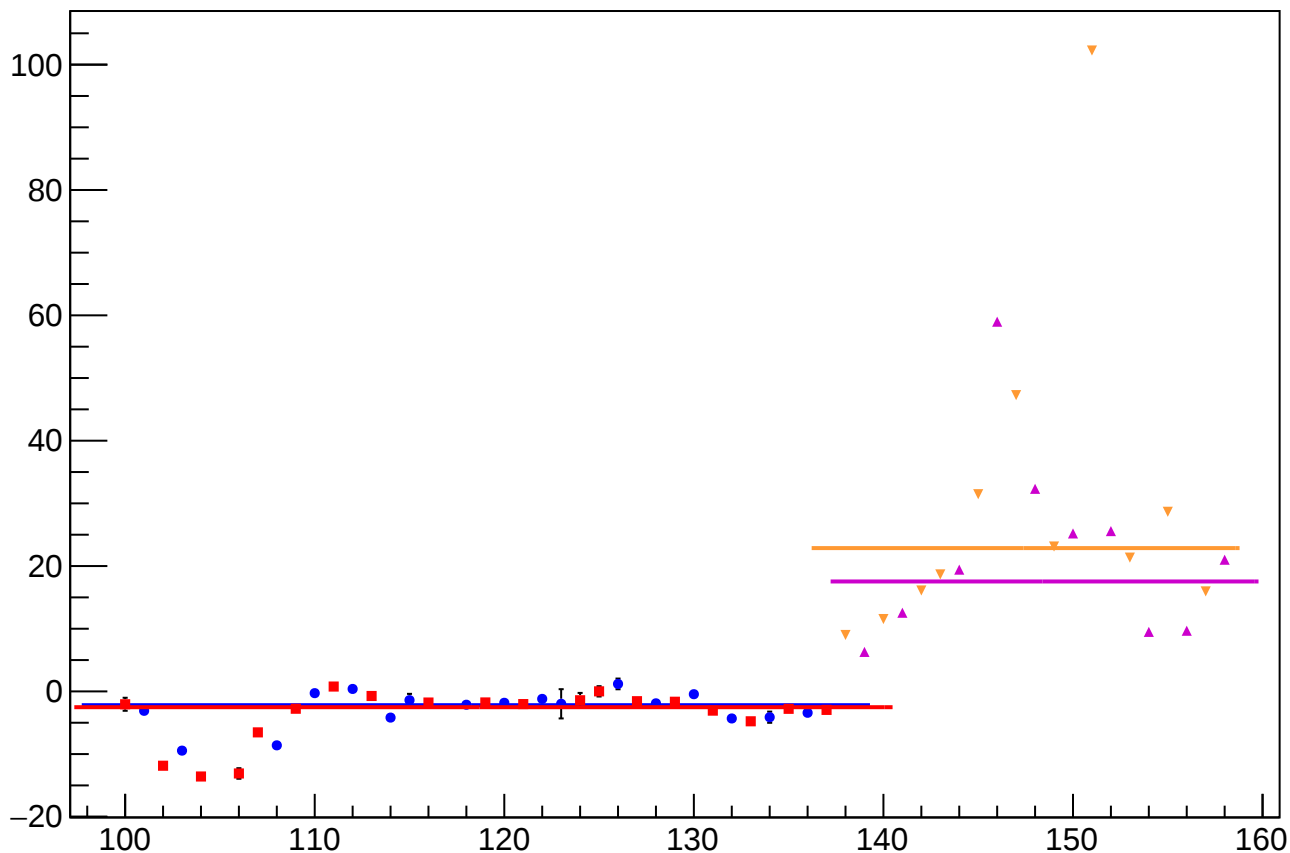
Left In: 1.310 ± 0.047 χ^2/NDF : 1408.9/9

+ sign 1.426 ± 0.042 χ^2/NDF : 2371.1/27

All: 1.318 ± 0.028 χ^2/NDF : 4744.4/56

- sign 1.235 ± 0.037 χ^2/NDF : 2361.6/28

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 22.864 ± 0.080 χ^2/NDF : 45476.2/10

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

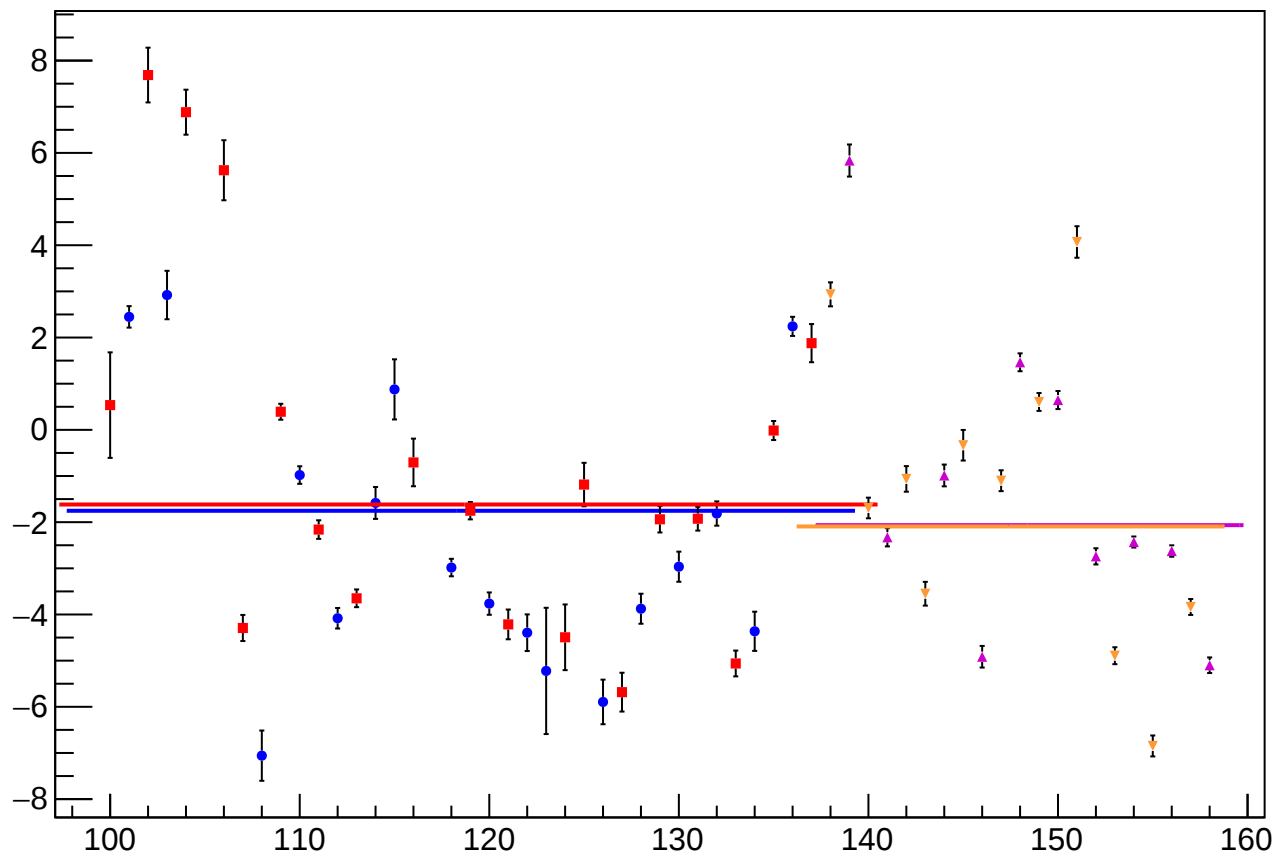
Left In: 17.539 ± 0.065 χ^2/NDF : 34283.9/9

+ sign 14.264 ± 0.065 χ^2/NDF : 79680.0/27

All: 12.609 ± 0.042 χ^2/NDF : 144570.8/56

- sign 11.434 ± 0.055 χ^2/NDF : 63775.0/28

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -2.093 ± 0.069 χ^2/NDF : 1765.6/10

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

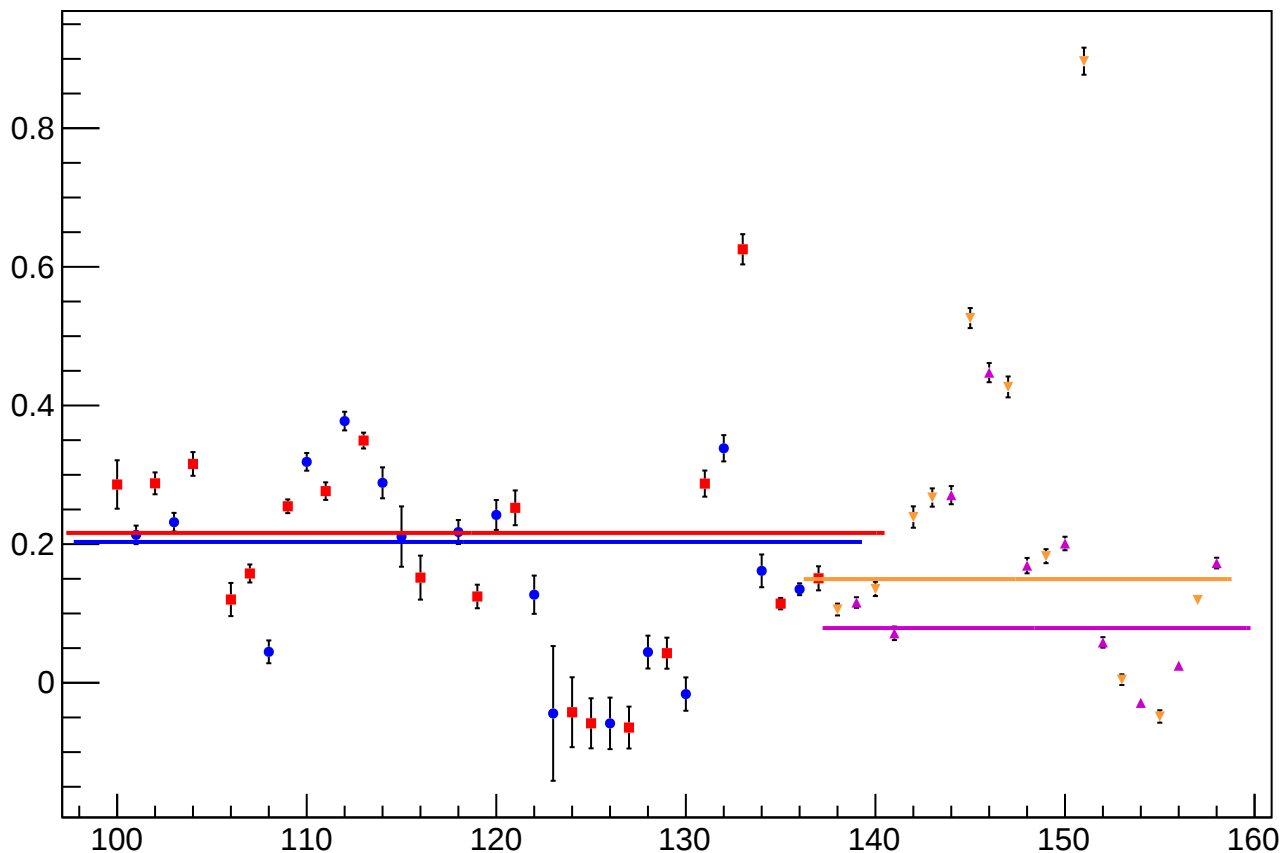
Left In: -2.065 ± 0.055 χ^2/NDF : 1576.7/9

+ sign -1.926 ± 0.049 χ^2/NDF : 3122.5/27

All: -1.899 ± 0.032 χ^2/NDF : 6214.4/56

- sign -1.879 ± 0.042 χ^2/NDF : 3091.3/28

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 677.2/16

Left Out: 0.150 $\pm$ 0.003 χ^2 /NDF:3499.0/10

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1067.3/18

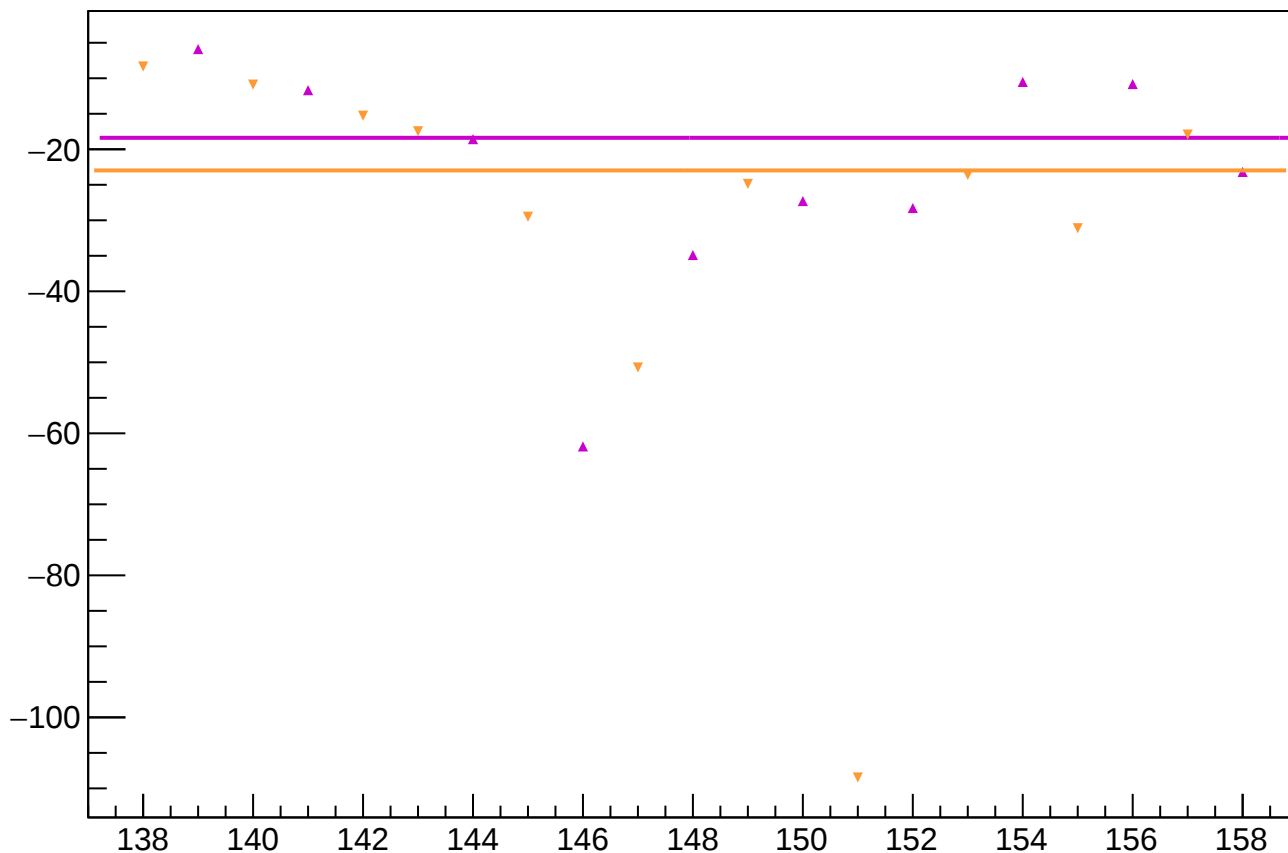
Left In: 0.079 $\pm$ 0.002 χ^2 /NDF:1933.4/9

+ sign 0.169 $\pm$ 0.002 χ^2 /NDF: 4284.7/27

All: 0.139 $\pm$ 0.002 χ^2 /NDF: 8503.0/56

- sign 0.119 $\pm$ 0.002 χ^2 /NDF: 3976.5/28

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -22.978+/-0.080 χ^2/NDF : 50256.8/10

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

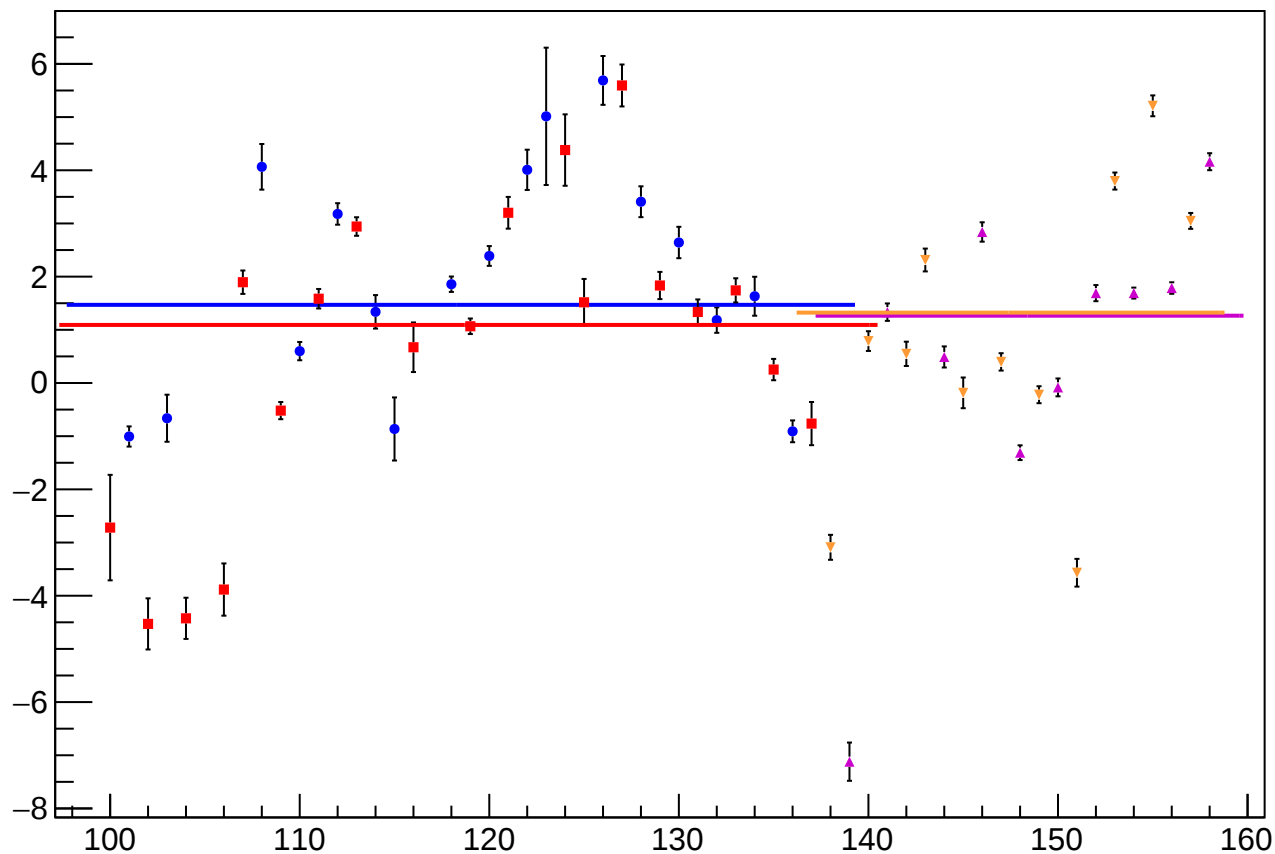
Left In: -18.385+/-0.068 χ^2/NDF : 36445.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.286+/-0.052 χ^2/NDF : 88613.9/20

- 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: 1.323 $\pm$ 0.058 χ^2/NDF :1664.6/10

Right Out: 1.092 $\pm$ 0.058 χ^2/NDF : 952.1/18

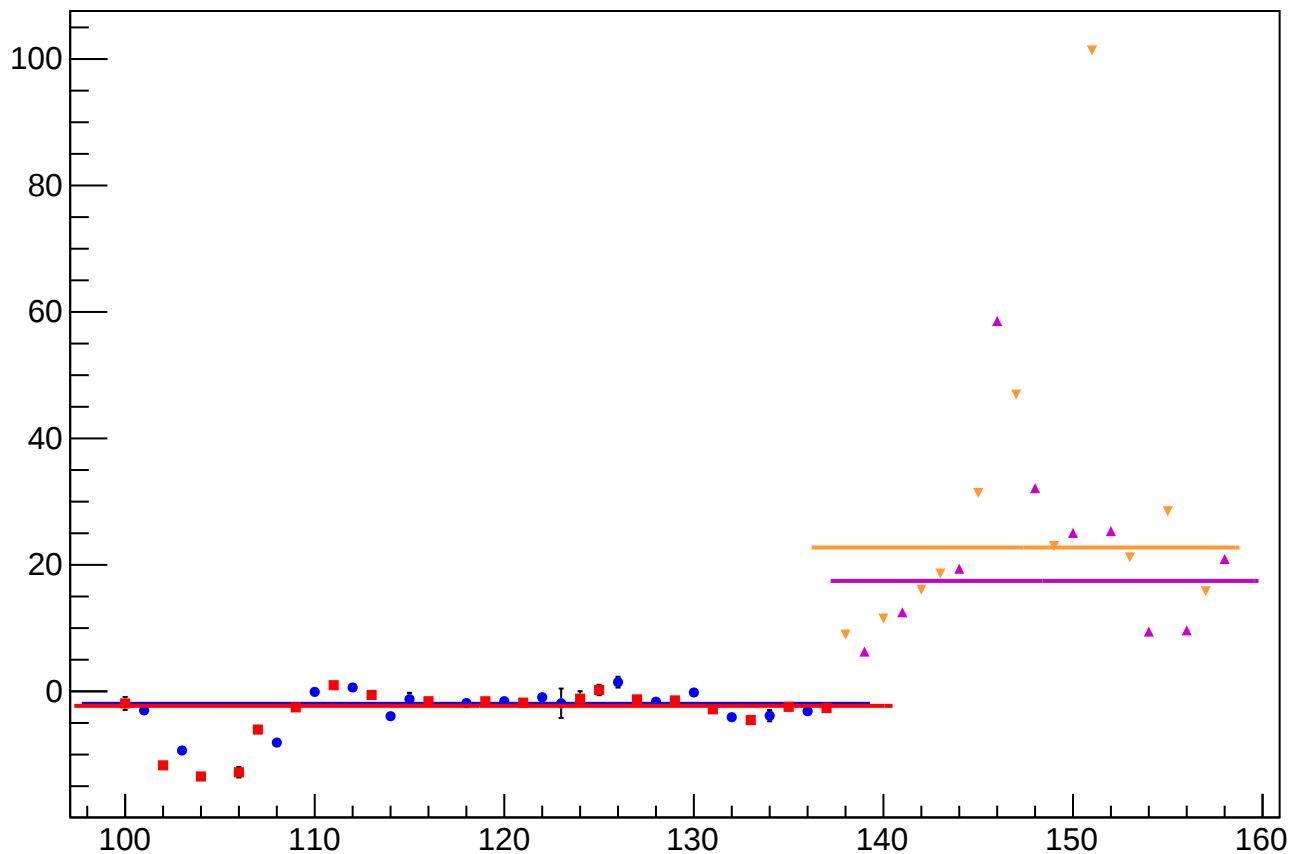
Left In: 1.266 $\pm$ 0.047 χ^2/NDF :1420.8/9

+ sign 1.393 $\pm$ 0.042 χ^2/NDF : 2375.5/27

All: 1.281 $\pm$ 0.028 χ^2/NDF : 4766.2/56

- sign 1.196 $\pm$ 0.037 χ^2/NDF : 2378.3/28

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 22.749 ± 0.079 χ^2/NDF : 45392.2/10

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

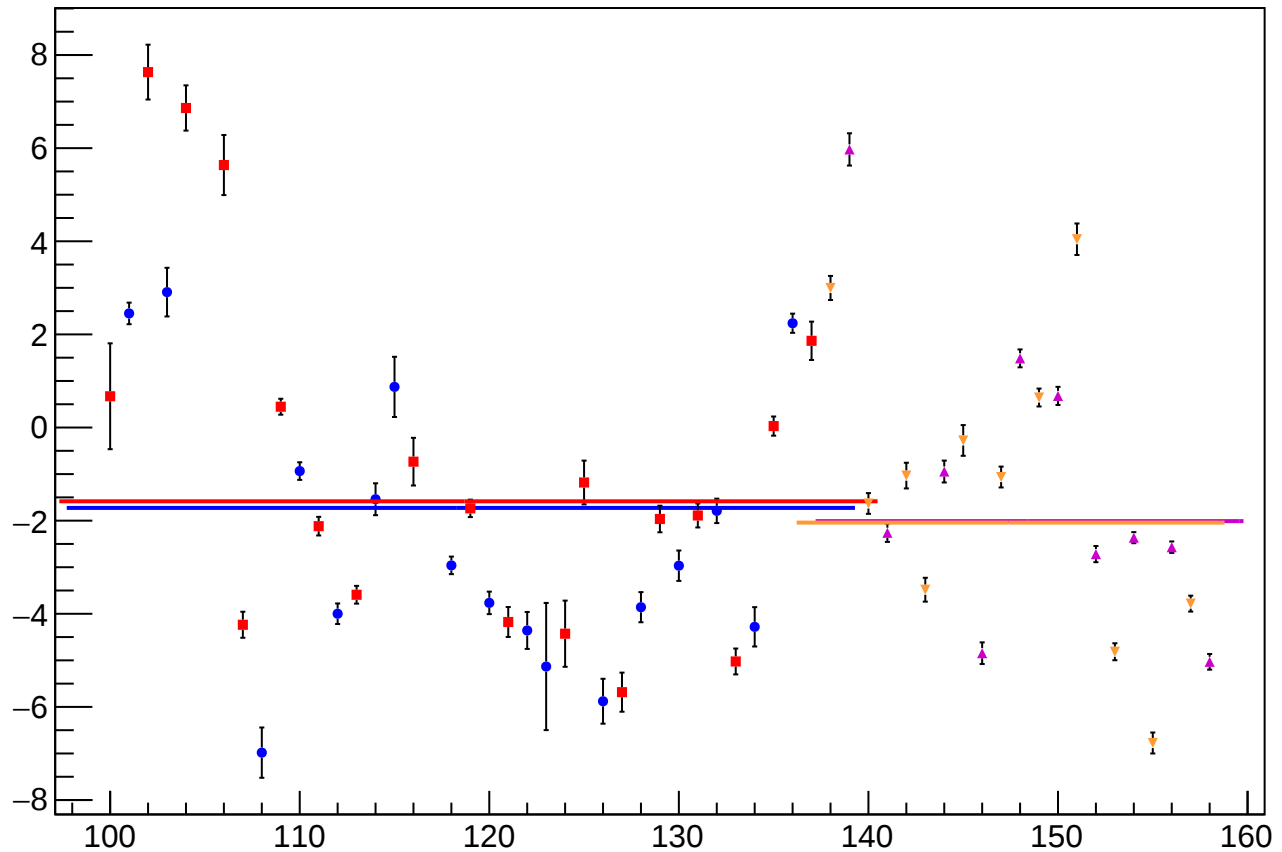
Left In: 17.459 ± 0.065 χ^2/NDF : 34220.7/9

+ sign 14.280 ± 0.064 χ^2/NDF : 79051.6/27

All: 12.627 ± 0.042 χ^2/NDF : 143335.4/56

- sign 11.453 ± 0.054 χ^2/NDF : 63157.1/28

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 $\pm$ 0.070 χ^2/NDF : 1341.5/16

Left Out: -2.041 $\pm$ 0.069 χ^2/NDF :1771.4/10

Right Out: -1.584 $\pm$ 0.065 χ^2/NDF : 1492.8/18

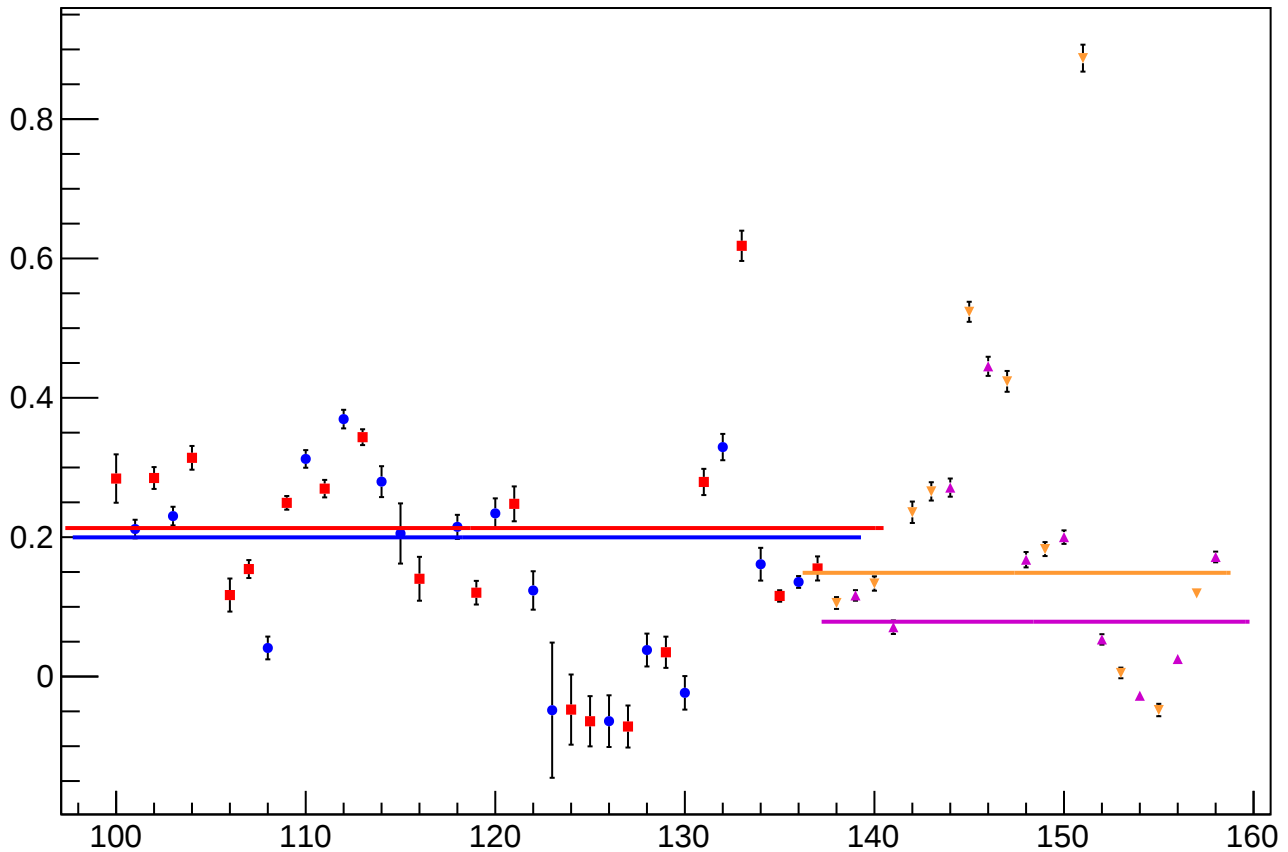
Left In: -2.010 $\pm$ 0.055 χ^2/NDF :1592.4/9

+ sign -1.887 $\pm$ 0.049 χ^2/NDF : 3123.2/27

All: -1.856 $\pm$ 0.032 χ^2/NDF : 6233.9/56

- sign -1.833 $\pm$ 0.042 χ^2/NDF : 3110.0/28

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 $\pm$ 0.004 χ^2 /NDF: 662.5/16

Left Out: 0.149 $\pm$ 0.003 χ^2 /NDF: 3489.1/10

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1050.9/18

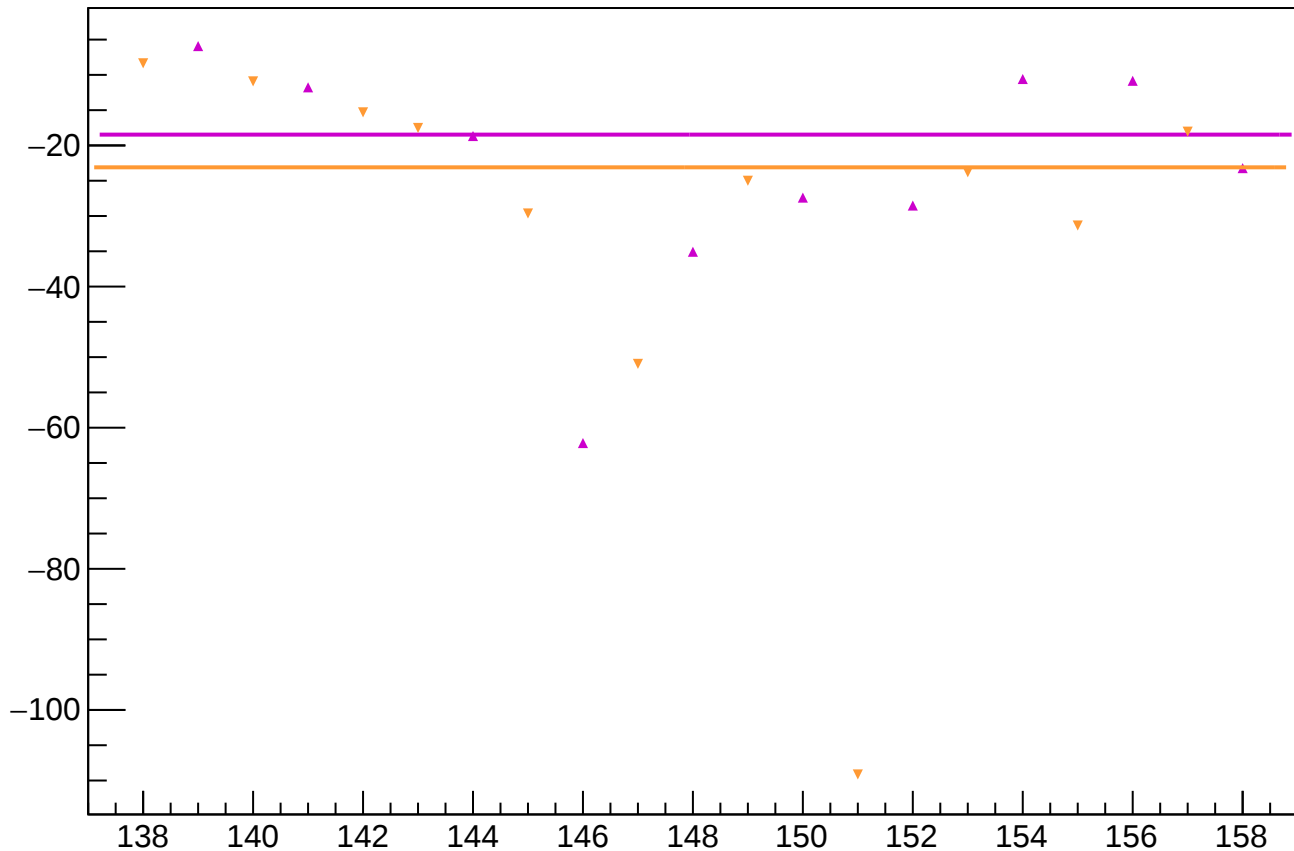
Left In: 0.079 $\pm$ 0.002 χ^2 /NDF: 1933.1/9

+ sign 0.167 $\pm$ 0.002 χ^2 /NDF: 4250.8/27

All: 0.138 $\pm$ 0.002 χ^2 /NDF: 8420.1/56

- sign 0.118 $\pm$ 0.002 χ^2 /NDF: 3930.0/28

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.102+/-0.081 χ^2/NDF : 50367.2/10

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

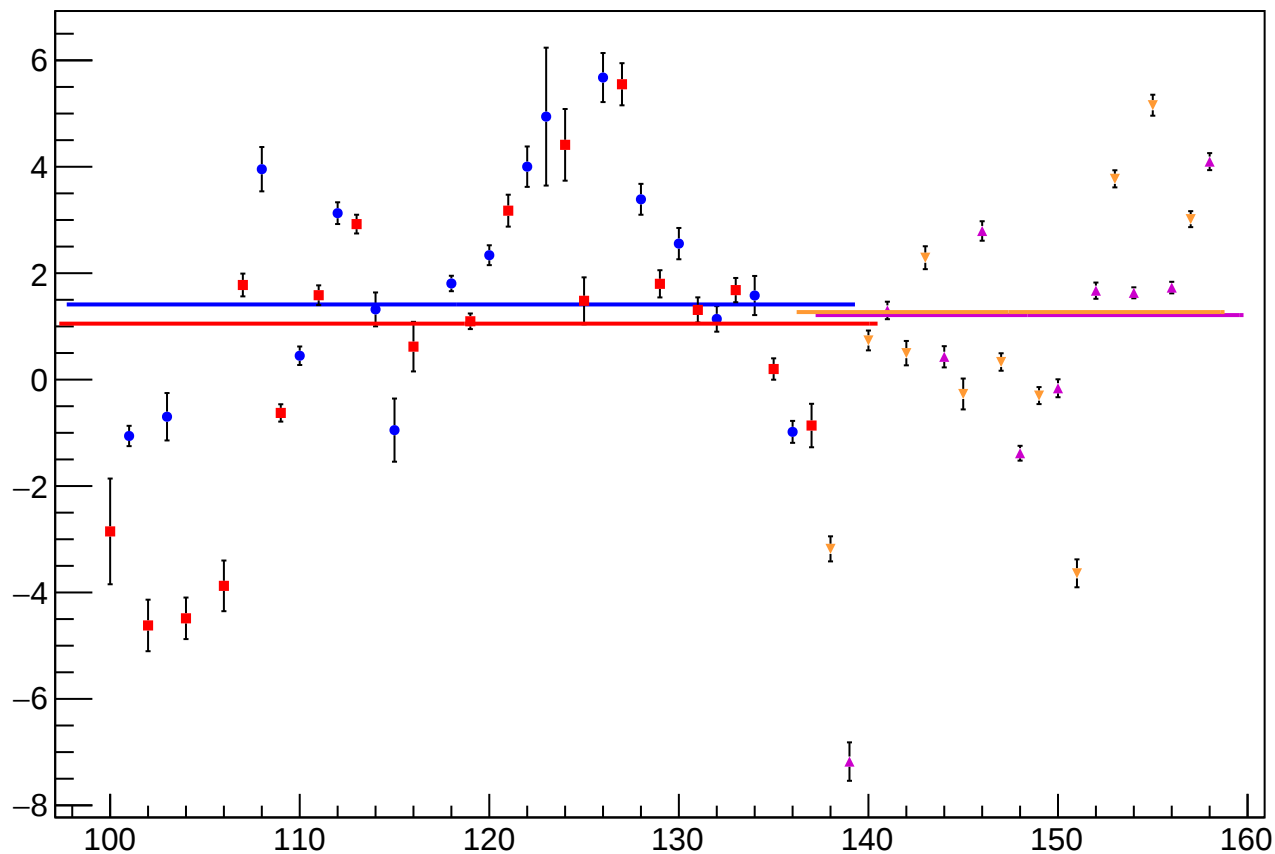
Left In: -18.467+/-0.068 χ^2/NDF : 36525.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.383+/-0.052 χ^2/NDF : 88823.9/20

- 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: 1.269 $\pm$ 0.058 χ^2 /NDF:1672.2/10

Right Out: 1.052 $\pm$ 0.058 χ^2 /NDF: 963.3/18

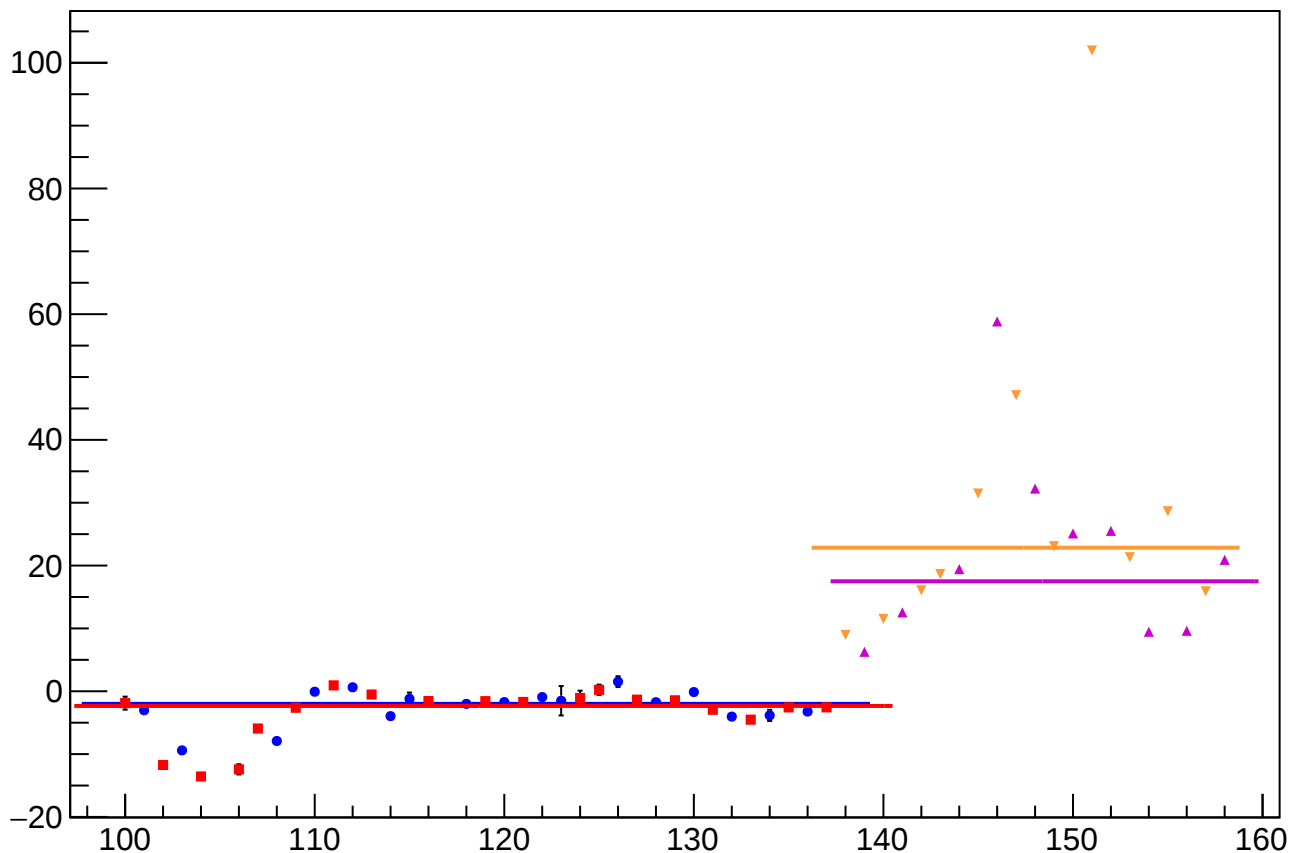
Left In: 1.213 $\pm$ 0.047 χ^2 /NDF:1418.1/9

+ sign 1.337 $\pm$ 0.042 χ^2 /NDF: 2388.9/27

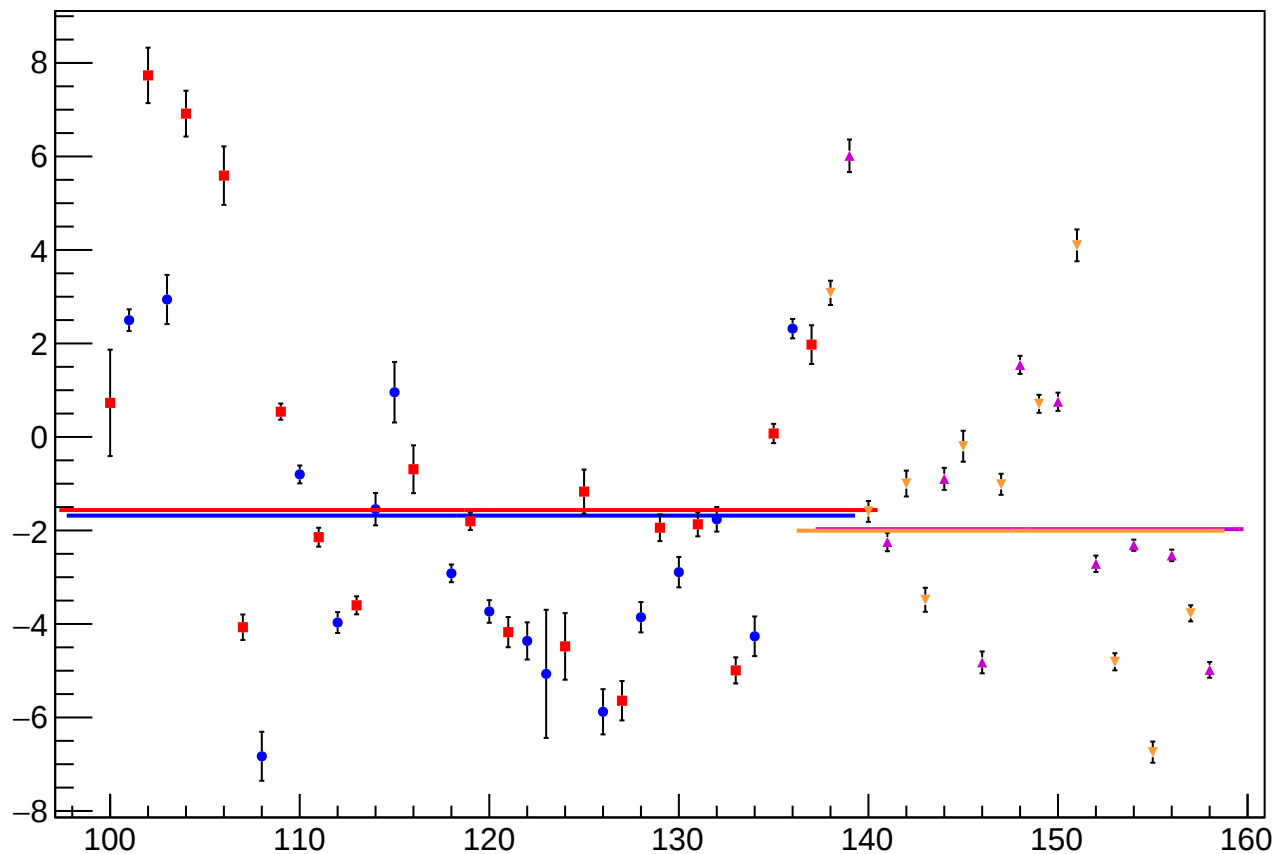
All: 1.230 $\pm$ 0.028 χ^2 /NDF: 4786.4/56

- sign 1.149 $\pm$ 0.037 χ^2 /NDF: 2386.0/28

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.004 ± 0.069 χ^2/NDF : 1780.3/10

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

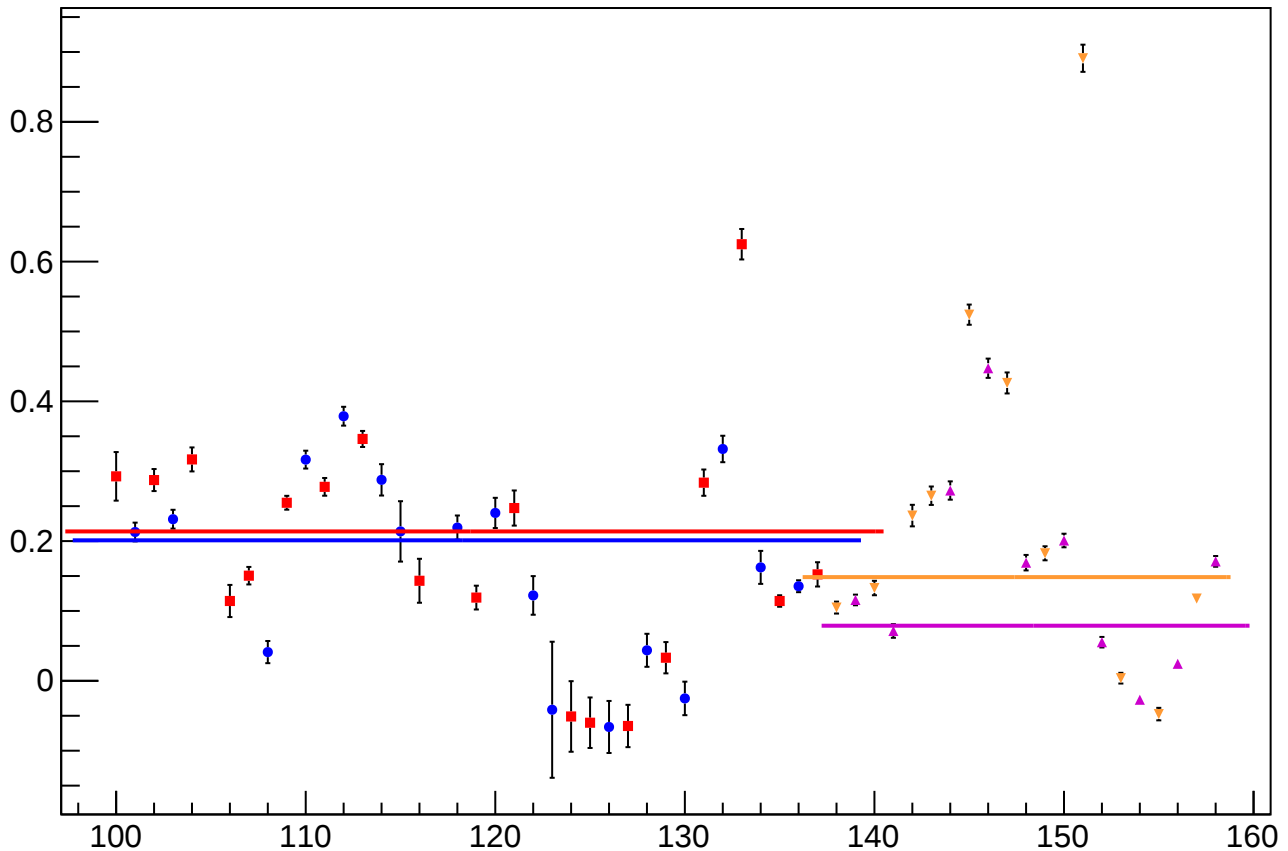
Left In: -1.972 ± 0.055 χ^2/NDF : 1590.8/9

+ sign -1.846 ± 0.049 χ^2/NDF : 3138.9/27

All: -1.821 ± 0.032 χ^2/NDF : 6257.5/56

- sign -1.803 ± 0.042 χ^2/NDF : 3118.2/28

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.004 χ^2/NDF : 691.3/16

Left Out: 0.148 $\pm$ 0.003 χ^2/NDF : 3483.6/10

Right Out: 0.214 $\pm$ 0.004 χ^2/NDF : 1083.1/18

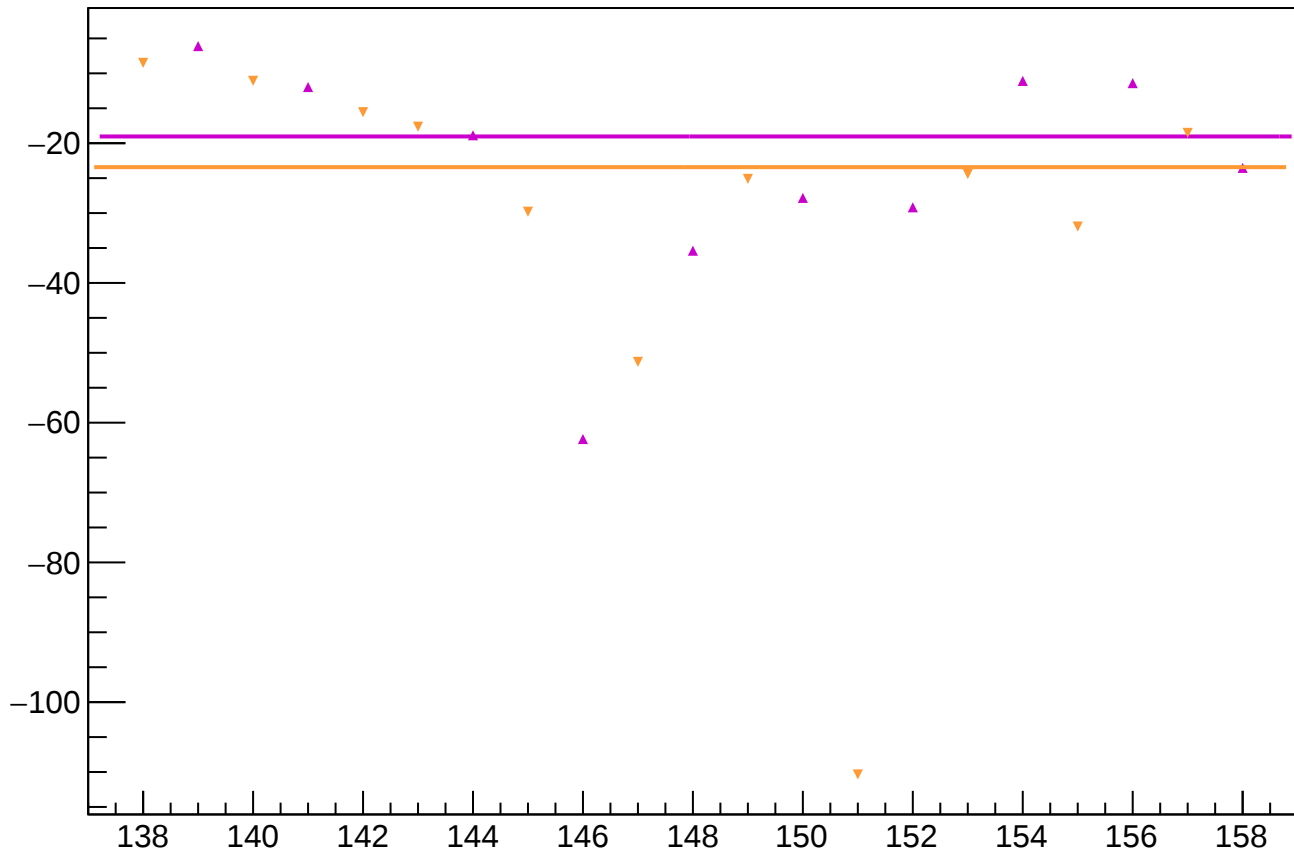
Left In: 0.079 $\pm$ 0.002 χ^2/NDF : 1929.0/9

+ sign 0.167 $\pm$ 0.002 χ^2/NDF : 4280.3/27

All: 0.138 $\pm$ 0.002 χ^2/NDF : 8476.4/56

- sign 0.119 $\pm$ 0.002 χ^2/NDF : 3961.0/28

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.428+/-0.082 χ^2/NDF : 50222.6/10

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

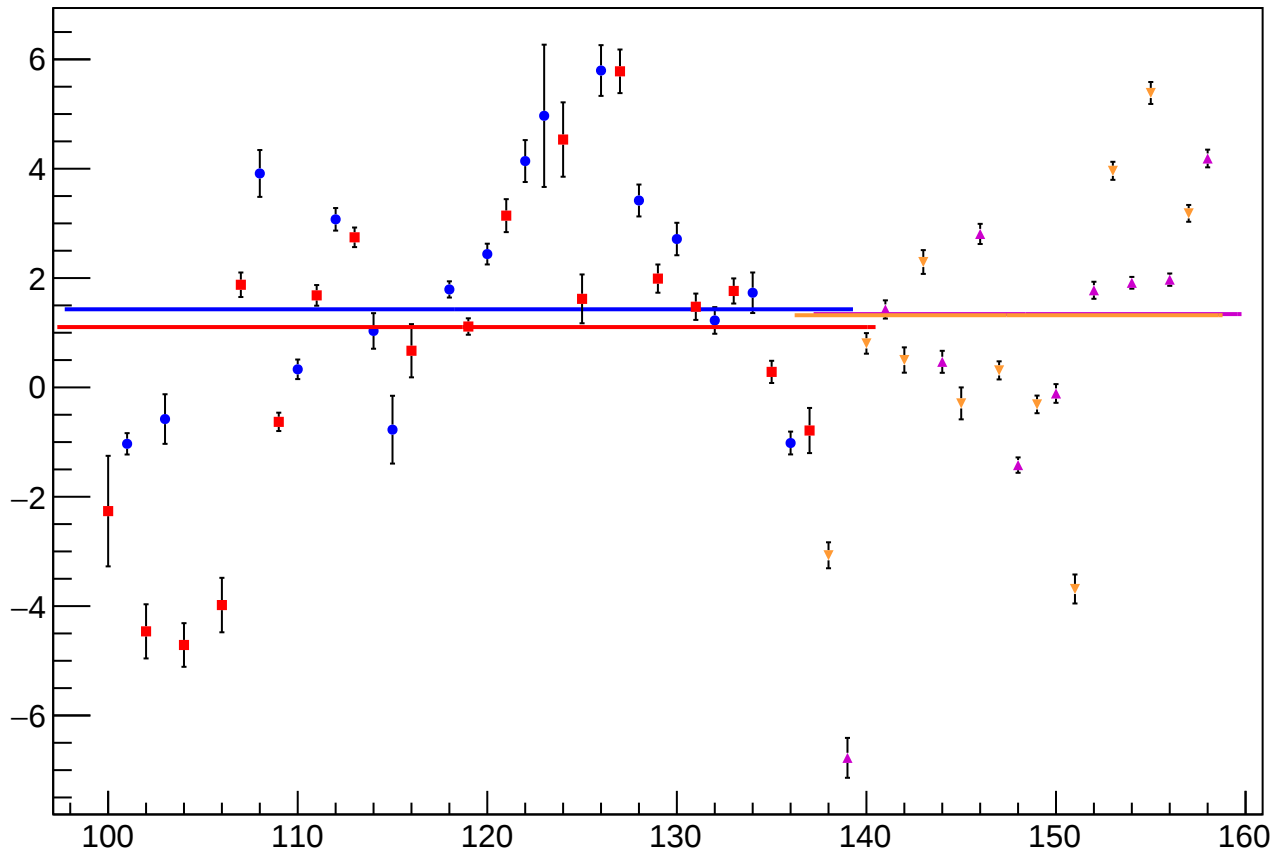
Left In: -19.033+/-0.069 χ^2/NDF : 35482.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.870+/-0.053 χ^2/NDF : 87379.9/20

- 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 $\chi^2/\text{NDF}: 711.4/16$

Left Out: 1.320 ± 0.059 $\chi^2/\text{NDF}: 1721.1/10$

Right Out: 1.104 ± 0.059 $\chi^2/\text{NDF}: 936.5/18$

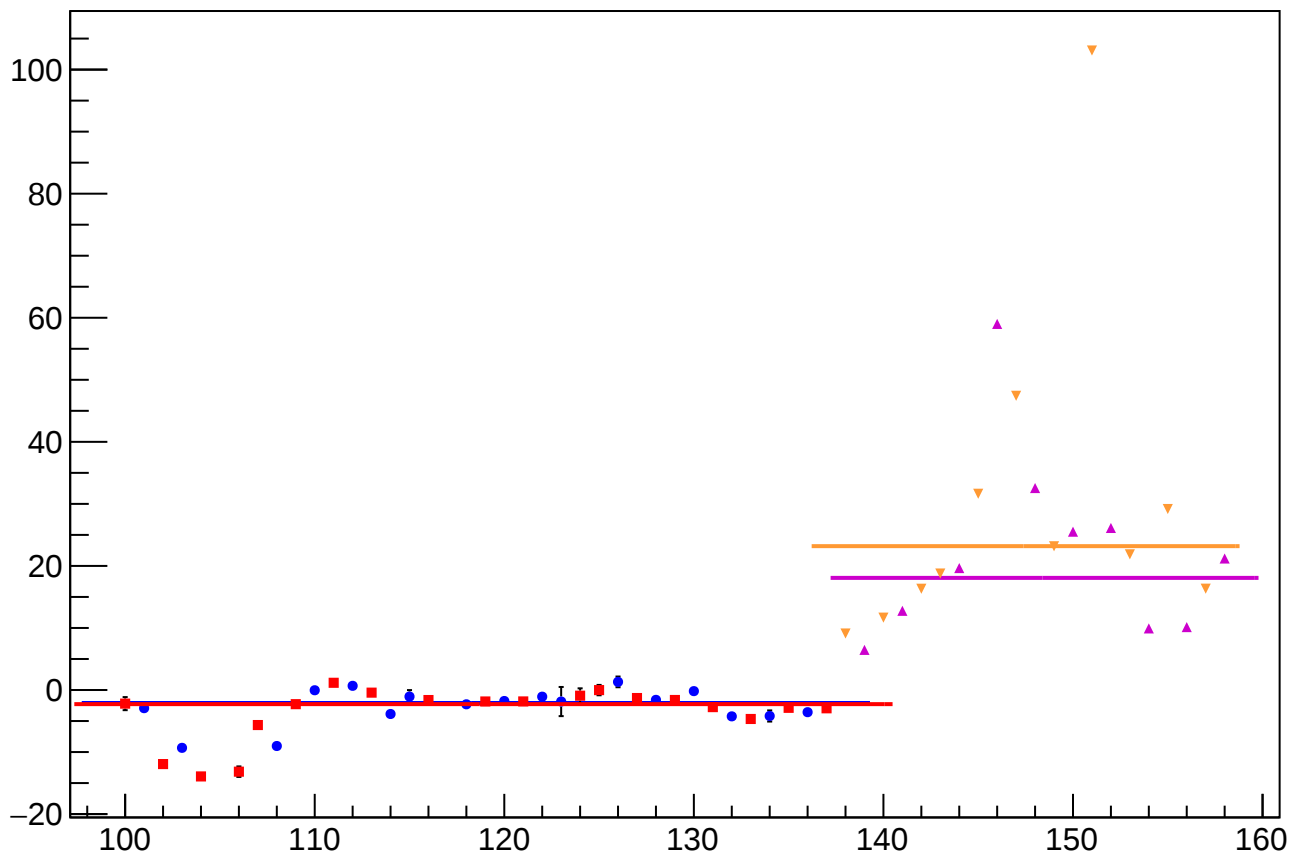
Left In: 1.341 ± 0.048 $\chi^2/\text{NDF}: 1411.0/9$

+ sign 1.371 ± 0.043 $\chi^2/\text{NDF}: 2434.1/27$

All: 1.301 ± 0.028 $\chi^2/\text{NDF}: 4796.1/56$

- sign 1.246 ± 0.038 $\chi^2/\text{NDF}: 2357.1/28$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 $\chi^2/\text{NDF}: 486.5/16$

Left Out: 23.187 ± 0.081 $\chi^2/\text{NDF}: 45263.0/10$

Right Out: -2.278 ± 0.101 $\chi^2/\text{NDF}: 918.6/18$

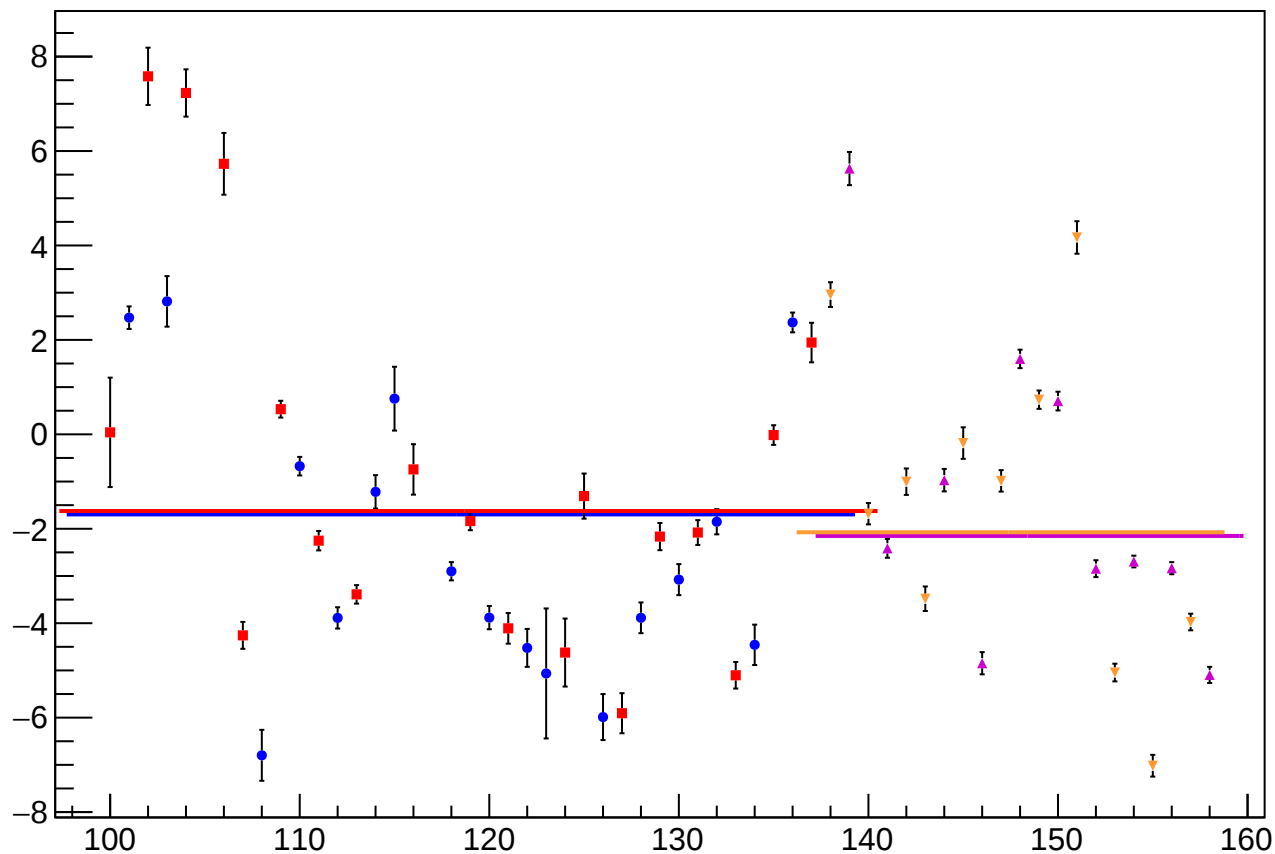
Left In: 18.073 ± 0.067 $\chi^2/\text{NDF}: 33173.5/9$

+ sign 14.573 ± 0.066 $\chi^2/\text{NDF}: 78988.1/27$

All: 13.002 ± 0.043 $\chi^2/\text{NDF}: 142283.3/56$

- sign 11.870 ± 0.056 $\chi^2/\text{NDF}: 62312.1/28$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -2.074 ± 0.070 χ^2/NDF : 1836.6/10

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

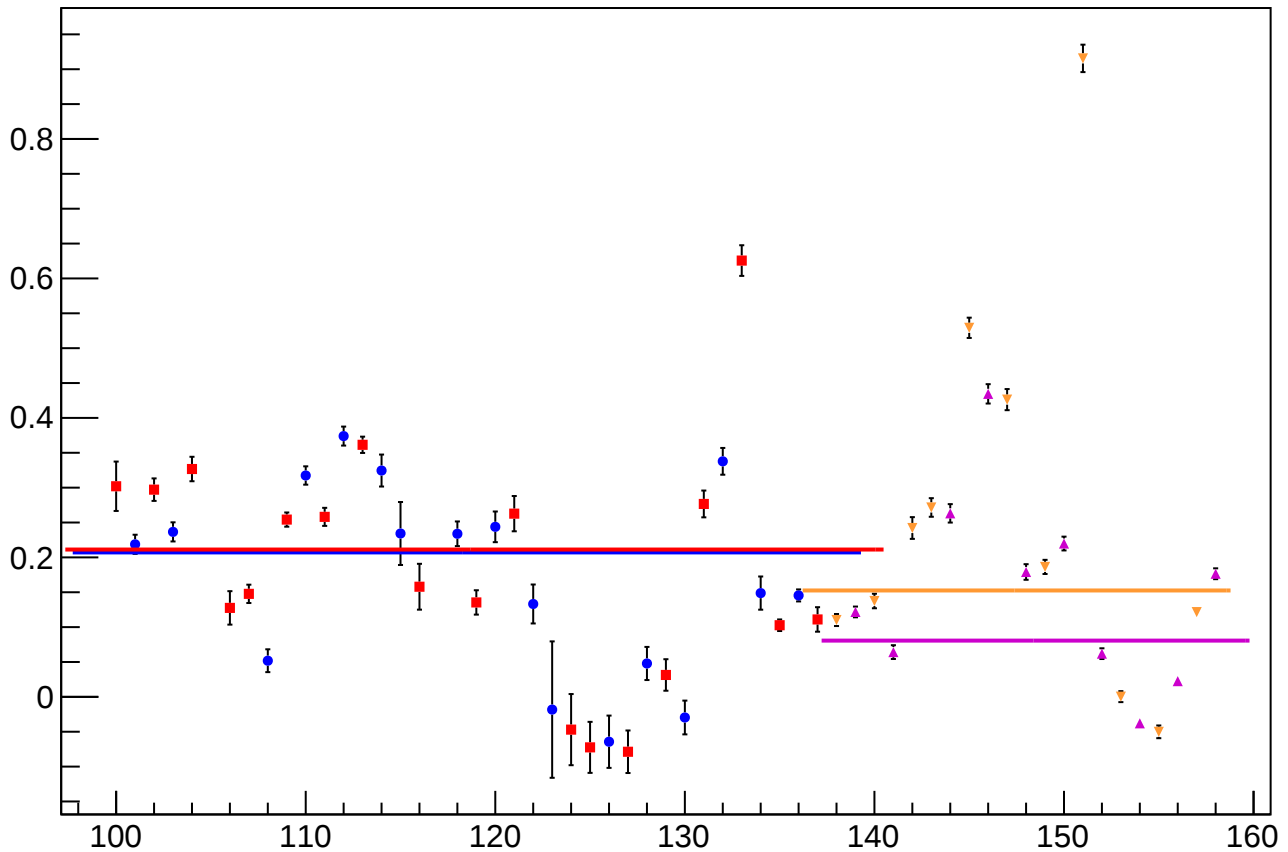
Left In: -2.152 ± 0.057 χ^2/NDF : 1584.6/9

+ sign -1.889 ± 0.050 χ^2/NDF : 3184.2/27

All: -1.914 ± 0.033 χ^2/NDF : 6272.7/56

- sign -1.932 ± 0.043 χ^2/NDF : 3088.1/28

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 $\chi^2/\text{NDF}: 656.3/16$

Left Out: 0.153 ± 0.003 $\chi^2/\text{NDF}: 3543.0/10$

Right Out: 0.211 ± 0.004 $\chi^2/\text{NDF}: 1145.7/18$

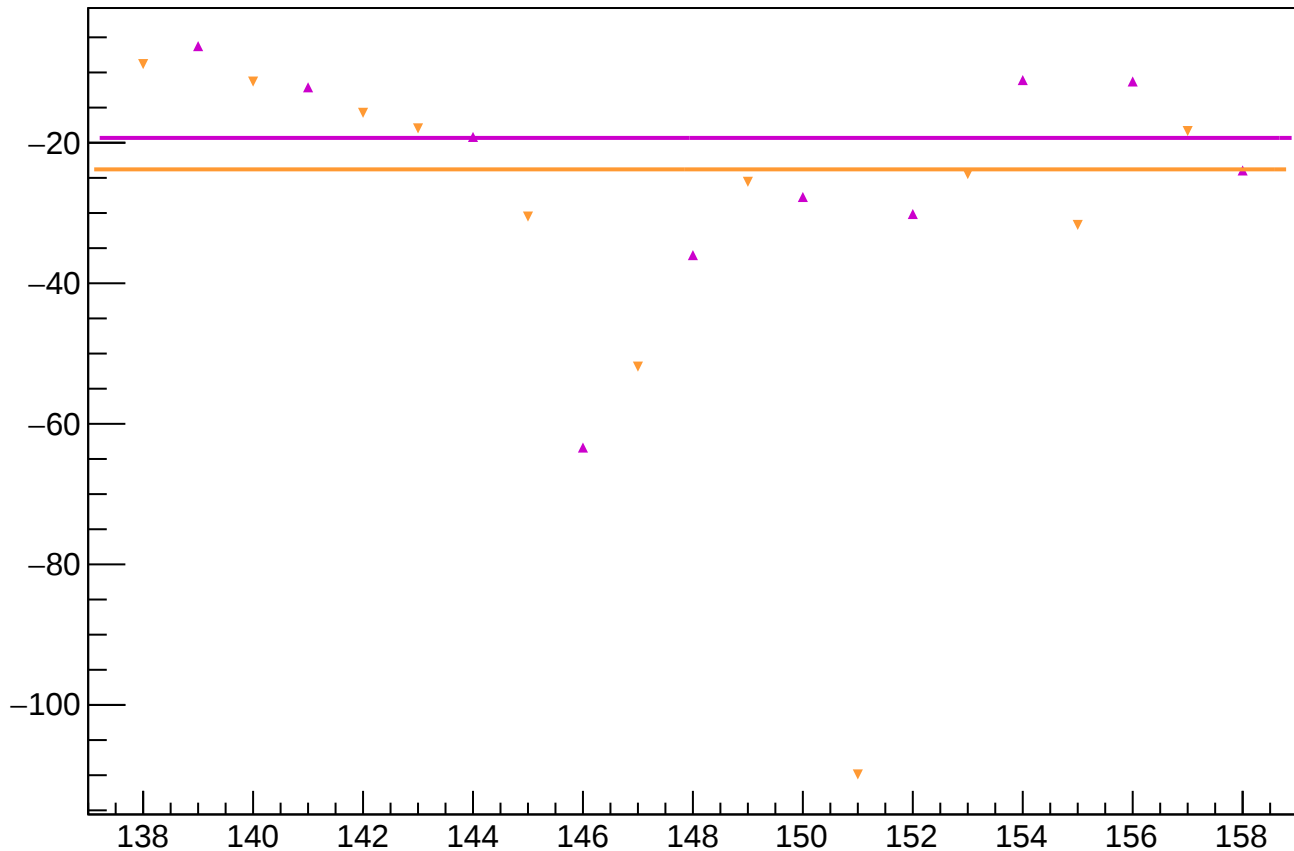
Left In: 0.081 ± 0.002 $\chi^2/\text{NDF}: 1978.6/9$

+ sign 0.172 ± 0.002 $\chi^2/\text{NDF}: 4308.8/27$

All: 0.140 ± 0.002 $\chi^2/\text{NDF}: 8547.7/56$

- sign 0.119 ± 0.002 $\chi^2/\text{NDF}: 3974.5/28$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.790+/-0.083 χ^2/NDF : 49517.5/10

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

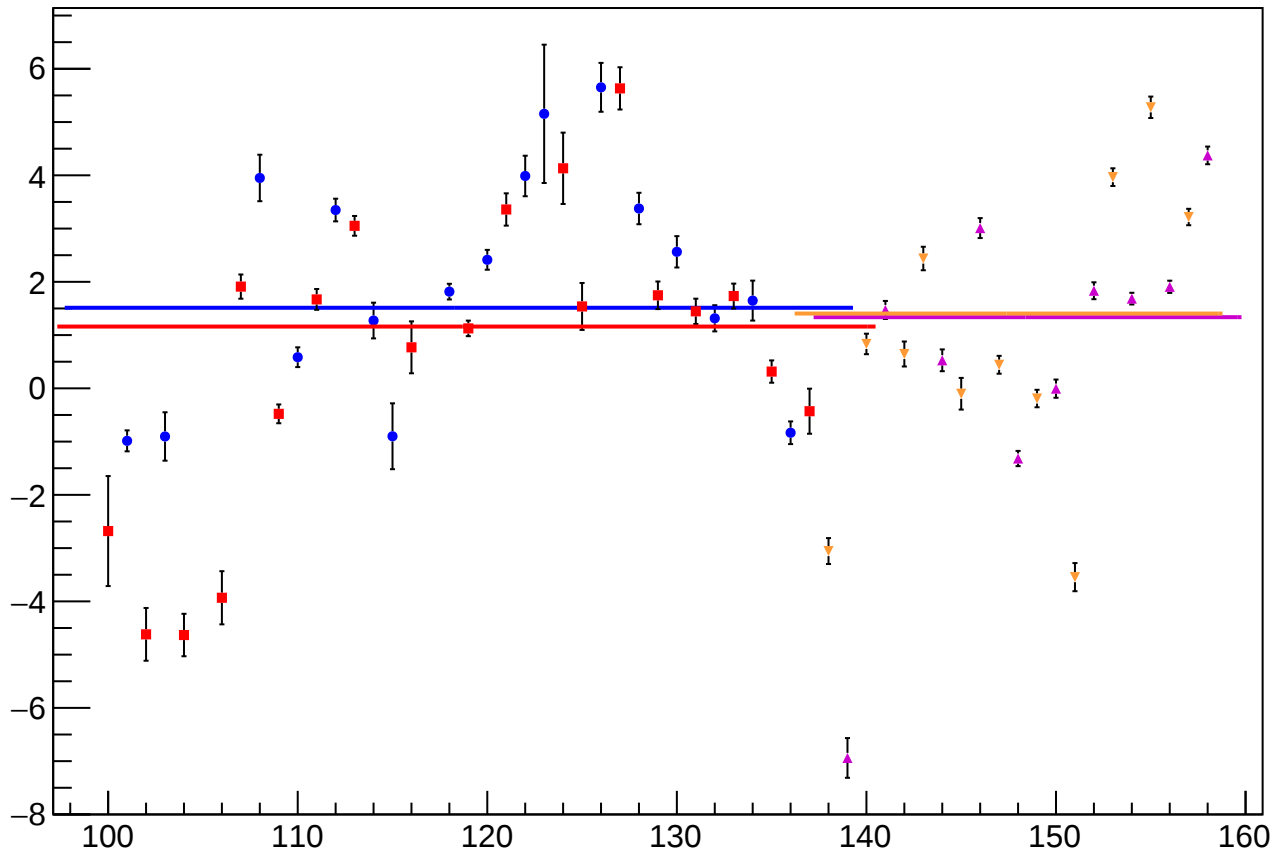
Left In: -19.313+/-0.071 χ^2/NDF : 35765.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.193+/-0.054 χ^2/NDF : 86968.1/20

- 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: 1.404 $\pm$ 0.059 χ^2/NDF : 1626.5/10

Right Out: 1.160 $\pm$ 0.060 χ^2/NDF : 917.0/18

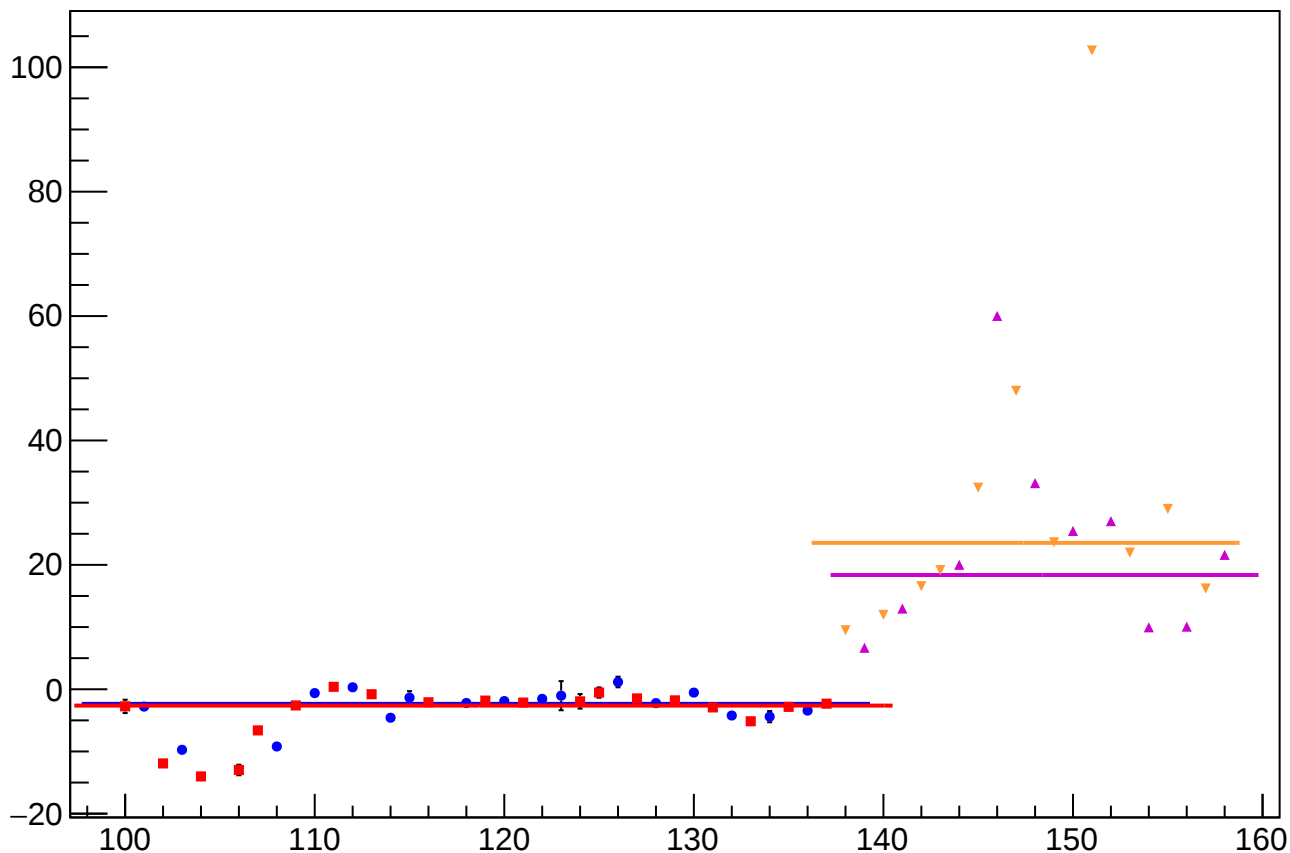
Left In: 1.336 $\pm$ 0.049 χ^2/NDF : 1374.1/9

+ sign 1.456 $\pm$ 0.043 χ^2/NDF : 2297.8/27

All: 1.349 $\pm$ 0.029 χ^2/NDF : 4605.0/56

- sign 1.266 $\pm$ 0.038 χ^2/NDF : 2296.3/28

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 23.540 ± 0.082 χ^2/NDF : 44732.9/10

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

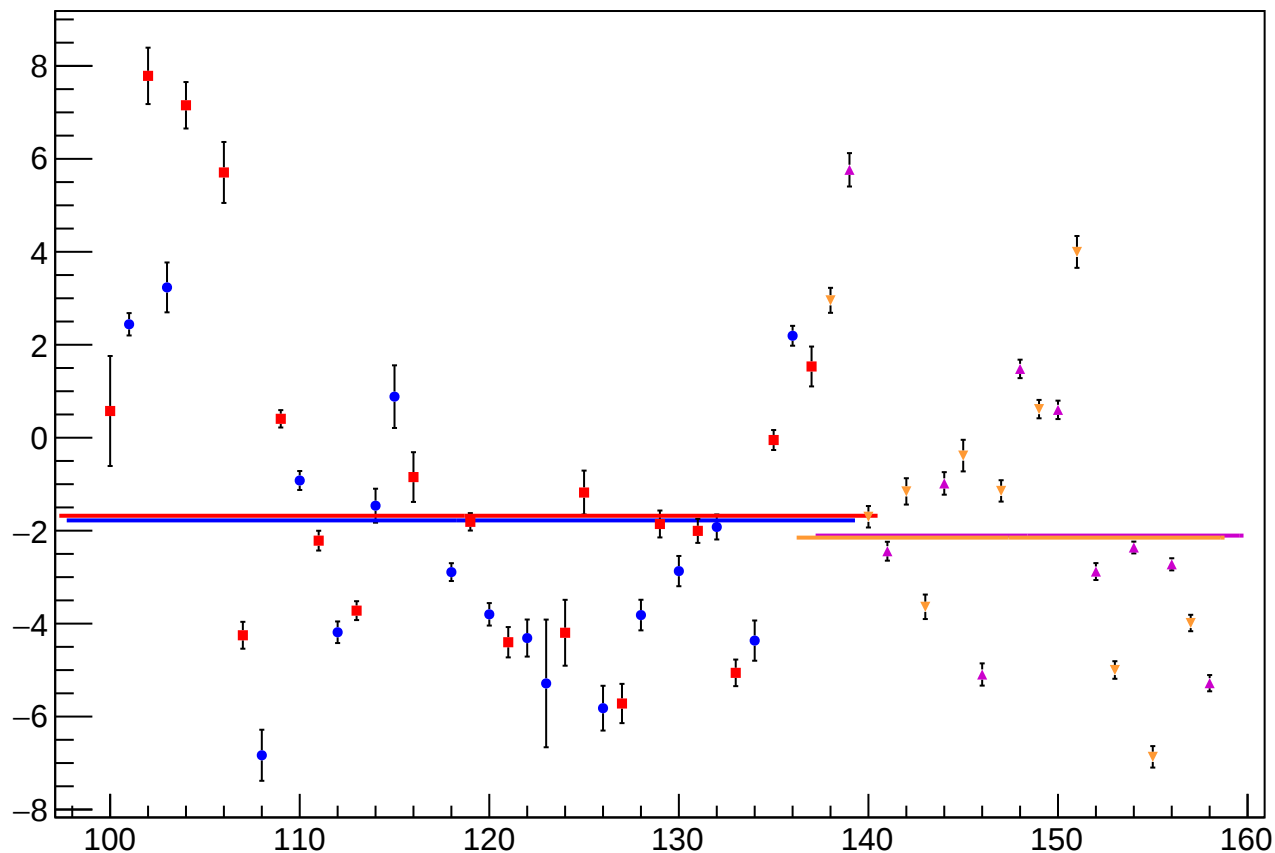
Left In: 18.370 ± 0.068 χ^2/NDF : 33469.0/9

+ sign 14.745 ± 0.067 χ^2/NDF : 79048.7/27

All: 13.160 ± 0.043 χ^2/NDF : 143158.0/56

- sign 12.007 ± 0.057 χ^2/NDF : 63131.6/28

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Left Out: -2.149 ± 0.071 χ^2/NDF : 1724.1/10

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

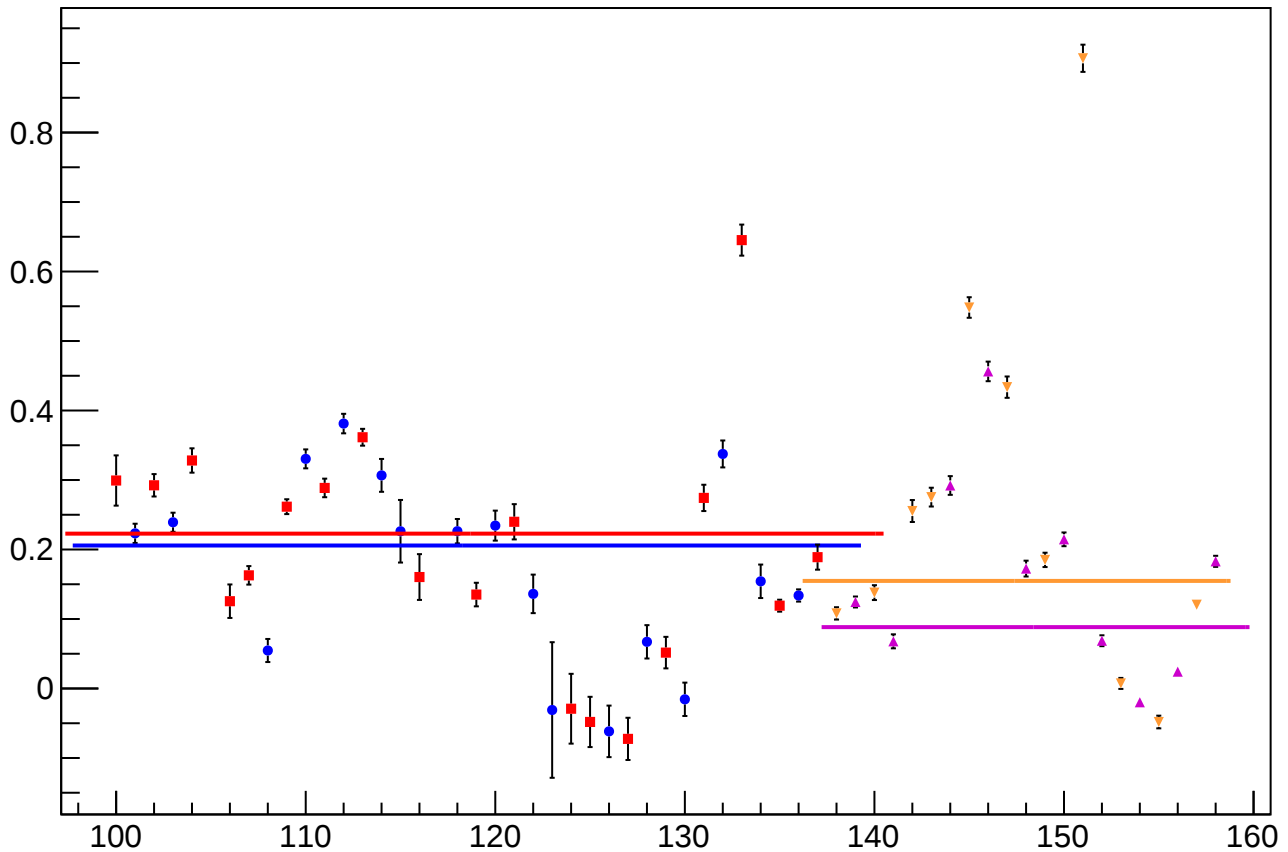
Left In: -2.106 ± 0.058 χ^2/NDF : 1547.8/9

+ sign -1.968 ± 0.051 χ^2/NDF : 3009.6/27

All: -1.945 ± 0.033 χ^2/NDF : 6010.3/56

- sign -1.928 ± 0.044 χ^2/NDF : 3000.3/28

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: 0.155 $\pm$ 0.003 χ^2/NDF :3538.4/10

Right Out: 0.223 $\pm$ 0.004 χ^2/NDF : 1042.2/18

Left In: 0.088 $\pm$ 0.002 χ^2/NDF :1889.3/9

+ sign 0.173 $\pm$ 0.003 χ^2/NDF : 4283.2/27

All: 0.146 $\pm$ 0.002 χ^2/NDF : 8267.9/56

- sign 0.128 $\pm$ 0.002 χ^2/NDF : 3798.6/28