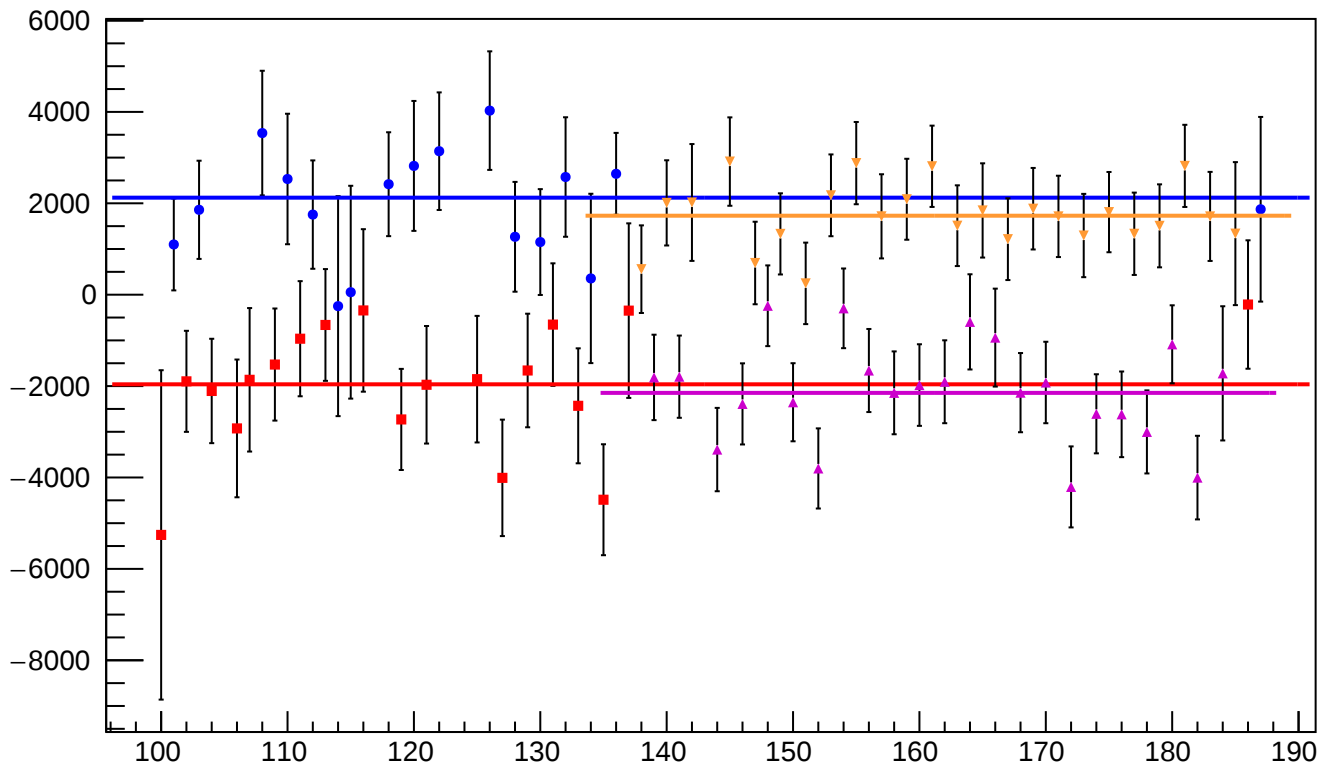


dit_asym_us_avg_mean vs Slug



Right In: 2123.356 $\pm$ 312.689

χ^2/NDF : 9.8/16

Left Out: 1728.518 $\pm$ 190.668

χ^2/NDF : 13.4/23

Right Out: -1961.024 $\pm$ 306.552

χ^2/NDF : 14.8/18

Left In: -2148.611 $\pm$ 191.090

χ^2/NDF : 31.5/22

+ sign 1835.535 $\pm$ 162.790

χ^2/NDF : 24.3/40

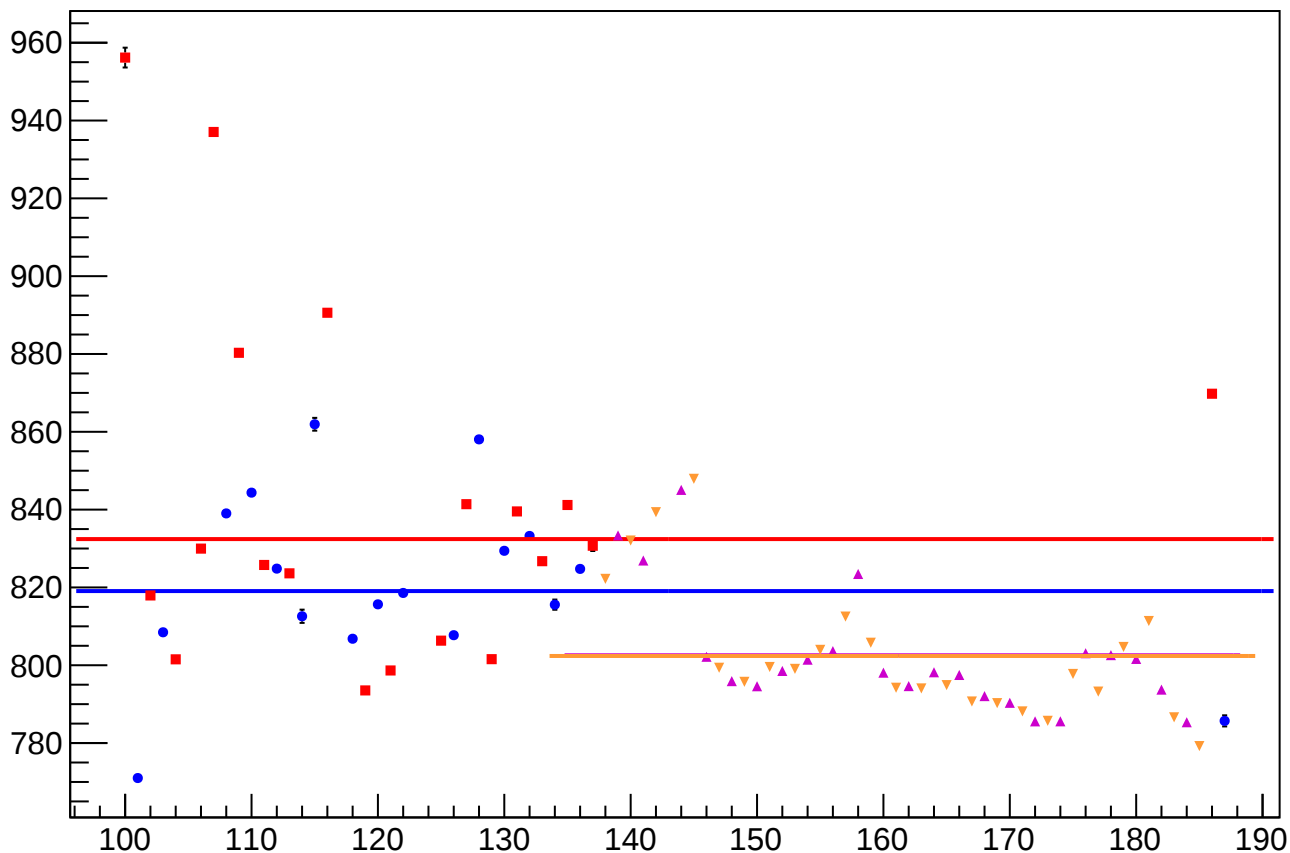
All: -137.869 $\pm$ 114.888

χ^2/NDF : 363.7/82

- sign -2096.117 $\pm$ 162.164

χ^2/NDF : 46.5/41

dit_asym_us_avg_rms vs Slug



Right In: 819.064 $\pm$ 0.221 χ^2 /NDF: 10096.4/16

Left Out: 802.383 $\pm$ 0.135 χ^2 /NDF:13224.9/23

Right Out: 832.426 $\pm$ 0.217 χ^2 /NDF: 25913.6/18

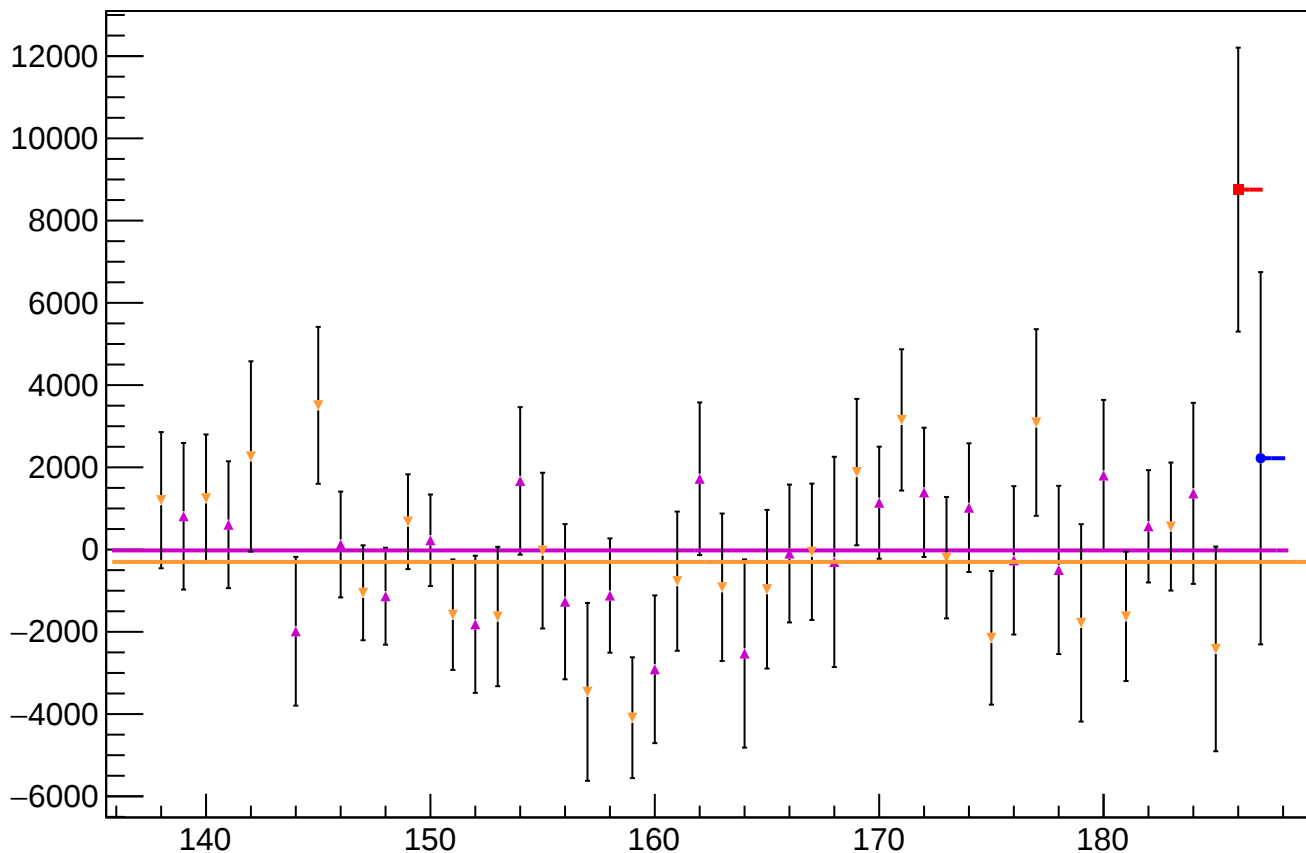
Left In: 802.565 $\pm$ 0.135 χ^2 /NDF:12297.8/22

+ sign 806.904 $\pm$ 0.115 χ^2 /NDF: 27470.6/40

All: 808.920 $\pm$ 0.081 χ^2 /NDF: 79959.4/82

- sign 810.921 $\pm$ 0.115 χ^2 /NDF: 51877.5/41

asym_us_avg_correction_mean vs Slug



Right In: 2221.640 $\pm$ 4526.709 χ^2 /NDF: 0.0/0

Left Out: -299.797 $\pm$ 338.388 χ^2 /NDF:30.0/23

Right Out: 8753.348 $\pm$ 3452.063 χ^2 /NDF: 0.0/0

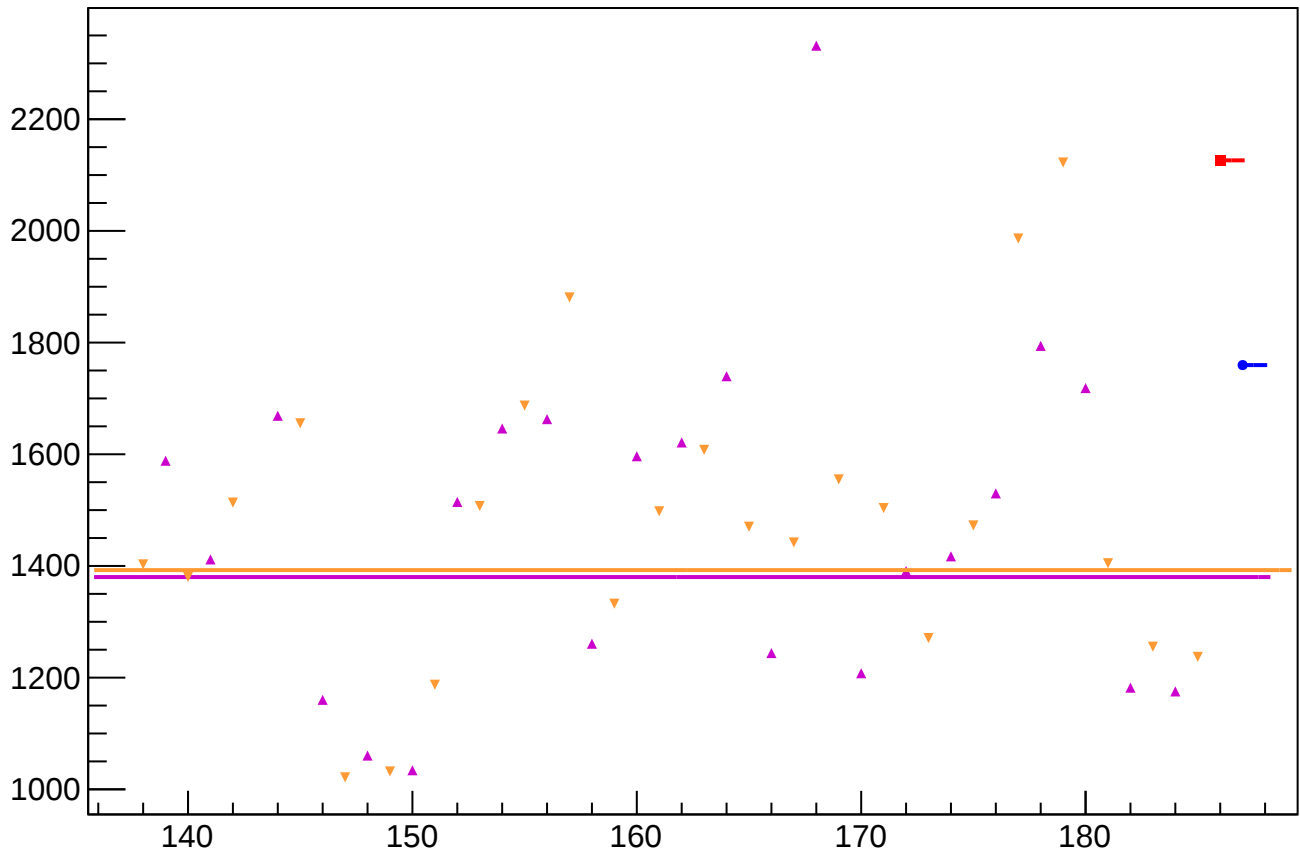
Left In: -20.057 $\pm$ 335.636 χ^2 /NDF:13.9/22

+ sign -285.785 $\pm$ 337.446 χ^2 /NDF: 30.3/24

All: -110.087 $\pm$ 237.405 χ^2 /NDF: 51.2/48

- sign 62.103 $\pm$ 334.061 χ^2 /NDF: 20.3/23

asym_us_avg_correction_rms vs Slug



Right In: 1759.691+/-3.201 χ^2 /NDF: 0.0/0

Left Out: 1392.560+/-0.239 χ^2 /NDF:1085979.5/23

Right Out: 2126.319+/-2.441 χ^2 /NDF: 0.0/0

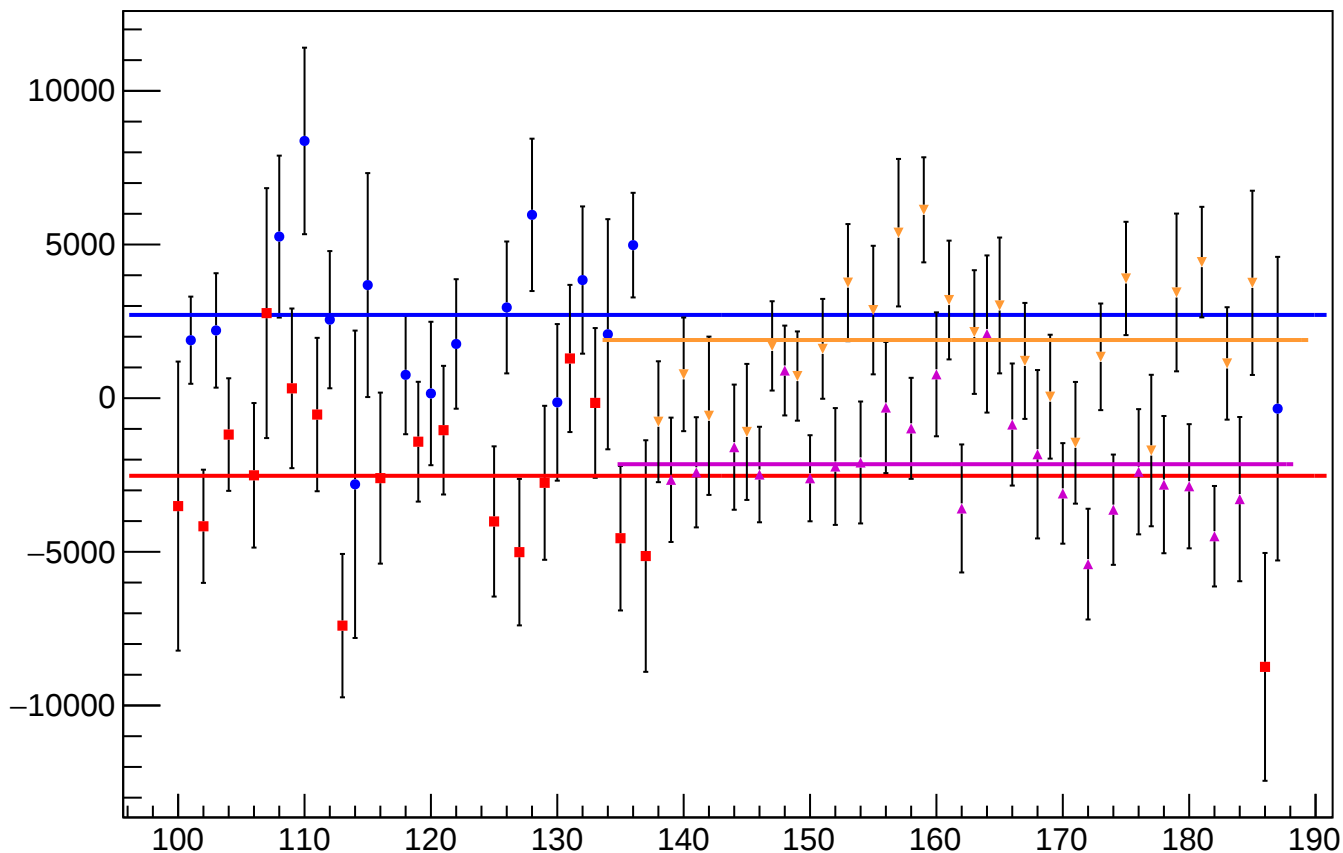
Left In: 1380.121+/-0.237 χ^2 /NDF:1252901.4/22

+ sign 1394.600+/-0.239 χ^2 /NDF: 1099061.8/24

All: 1390.817+/-0.168 χ^2 /NDF: 2445036.2/48

- sign 1387.109+/-0.236 χ^2 /NDF: 1345476.6/23

asym_us_avg_mean vs Slug



Right In: 2709.158 $\pm$ 559.323 χ^2 /NDF: 13.9/16

Left Out: 1892.511 $\pm$ 394.798 χ^2 /NDF:25.9/23

Right Out: -2525.942 $\pm$ 562.381 χ^2 /NDF: 19.1/18

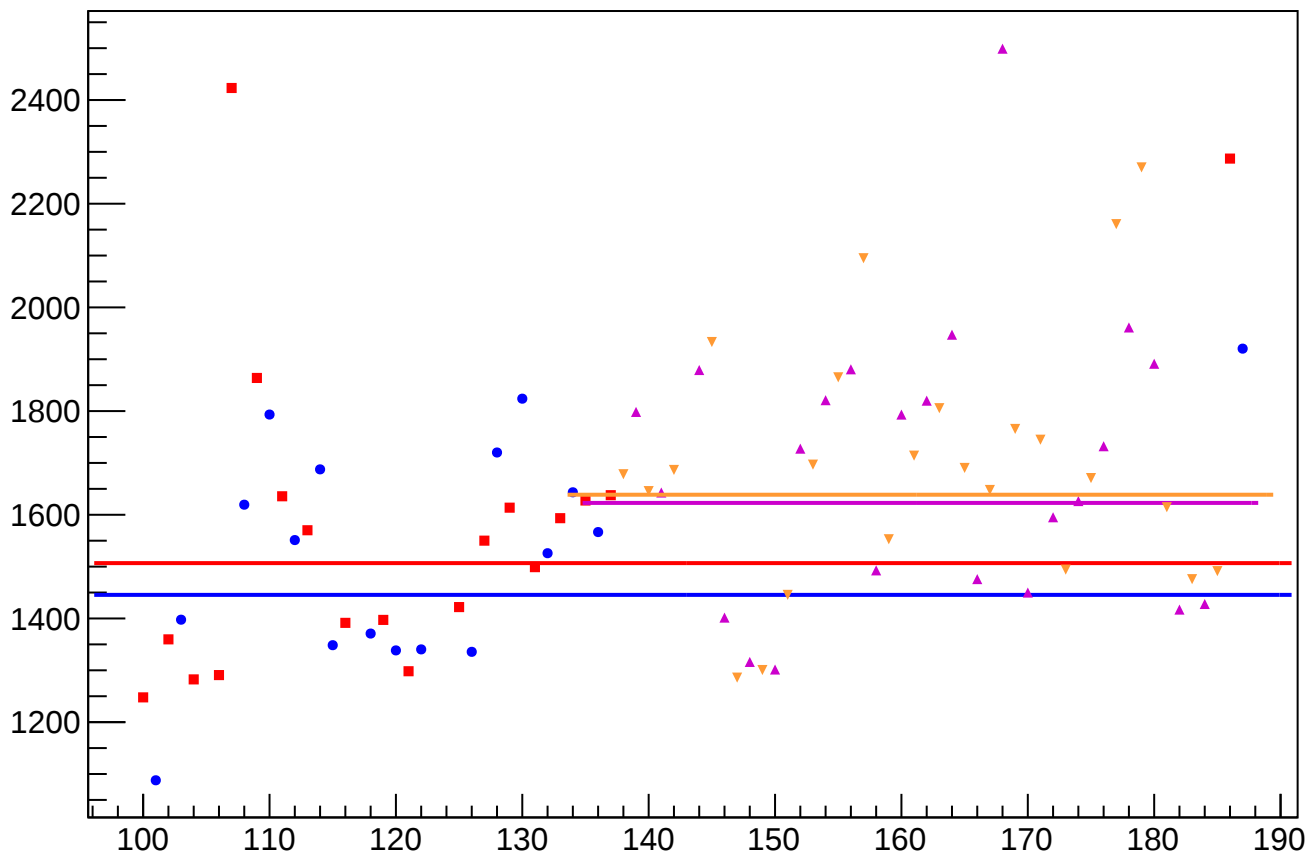
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

+ sign 2164.081 $\pm$ 322.542 χ^2 /NDF: 41.3/40

All: -61.651 $\pm$ 227.677 χ^2 /NDF: 174.0/82

- sign -2272.046 $\pm$ 321.429 χ^2 /NDF: 37.8/41

asym_us_avg_rms vs Slug



Right In: 1445.501 $\pm$ 0.396 χ^2 /NDF: 296590.6/16

Left Out: 1638.679 $\pm$ 0.279 χ^2 /NDF: 671983.1/23

Right Out: 1506.766 $\pm$ 0.398 χ^2 /NDF: 347023.2/18

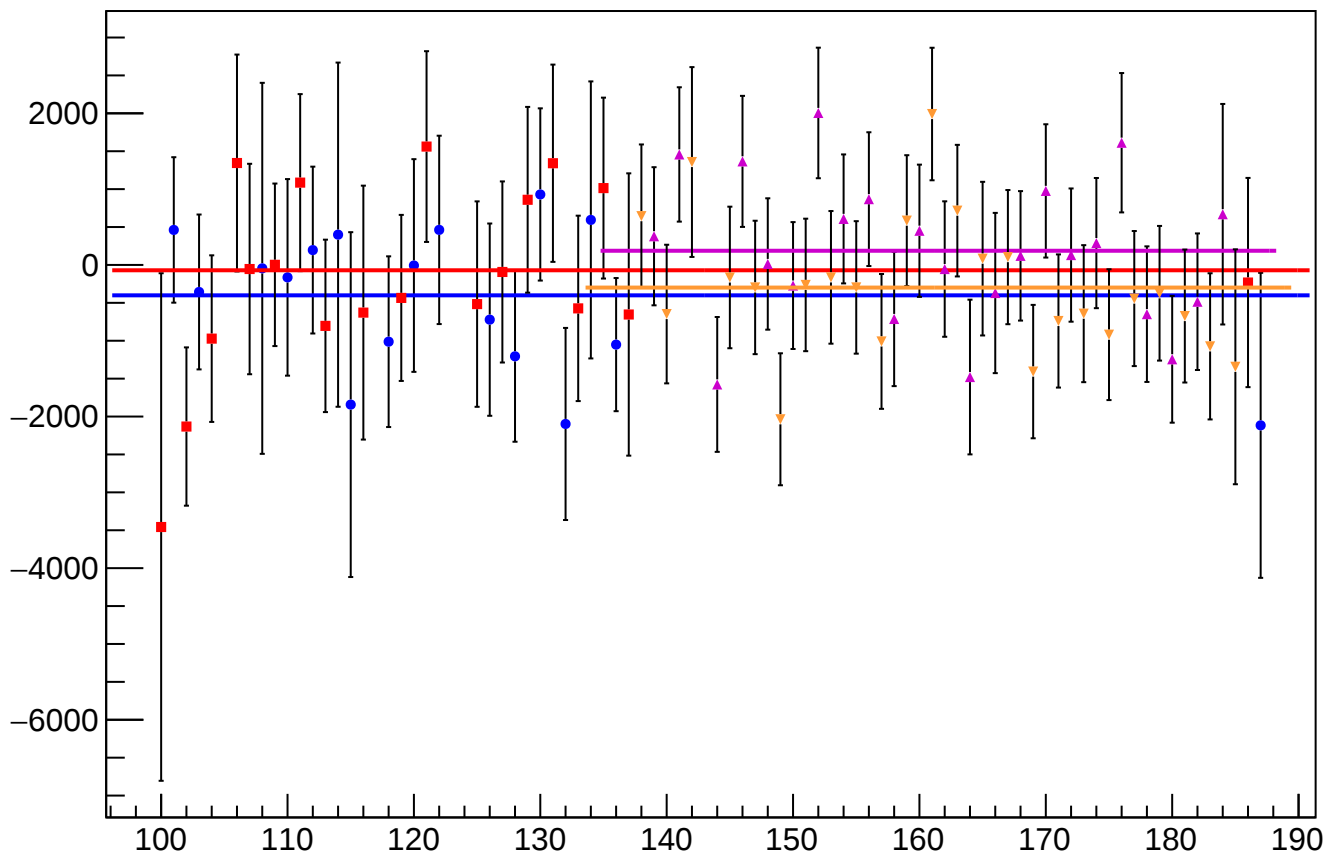
Left In: 1622.876 $\pm$ 0.277 χ^2 /NDF: 780522.2/22

+ sign 1574.439 $\pm$ 0.228 χ^2 /NDF: 1127811.4/40

All: 1579.711 $\pm$ 0.161 χ^2 /NDF: 2313825.3/82

- sign 1584.946 $\pm$ 0.227 χ^2 /NDF: 1184949.0/41

dit_asym_us_dd_mean vs Slug



Right In: -401.065+/-306.942 χ^2/NDF : 7.9/16

Left Out: -298.690+/-186.973 χ^2/NDF : 21.0/23

Right Out: -70.533+/-292.003 χ^2/NDF : 12.8/18

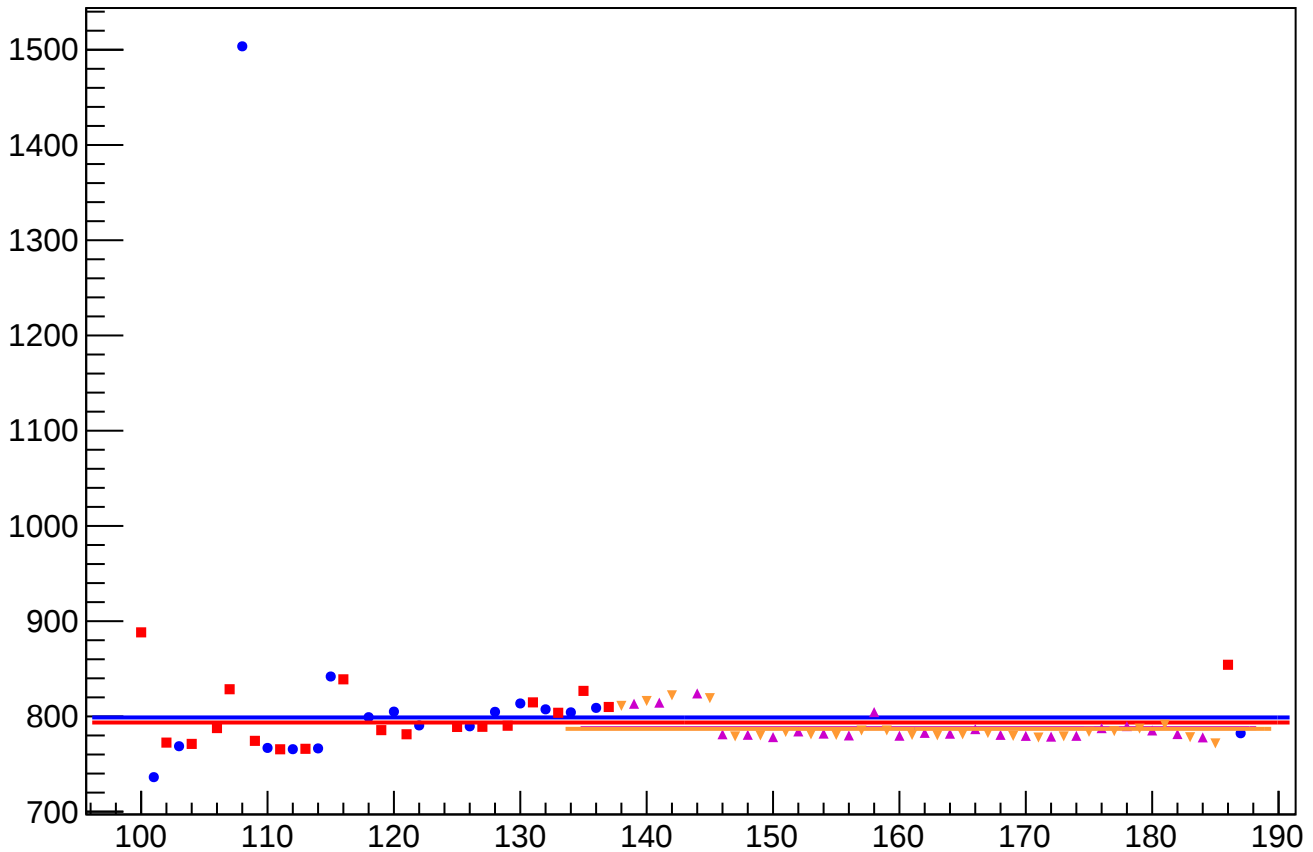
Left In: 187.064+/-187.529 χ^2/NDF : 25.4/22

+ sign -326.397+/-159.680 χ^2/NDF : 28.9/40

All: -104.669+/-112.237 χ^2/NDF : 71.5/82

- sign 111.844+/-157.791 χ^2/NDF : 38.8/41

dit_asym_us_dd_rms vs Slug



Right In: 798.926 ± 0.217 χ^2/NDF : 181443.4/16

Left Out: 786.958 ± 0.132 χ^2/NDF : 9150.0/23

Right Out: 793.601 ± 0.206 χ^2/NDF : 15596.7/18

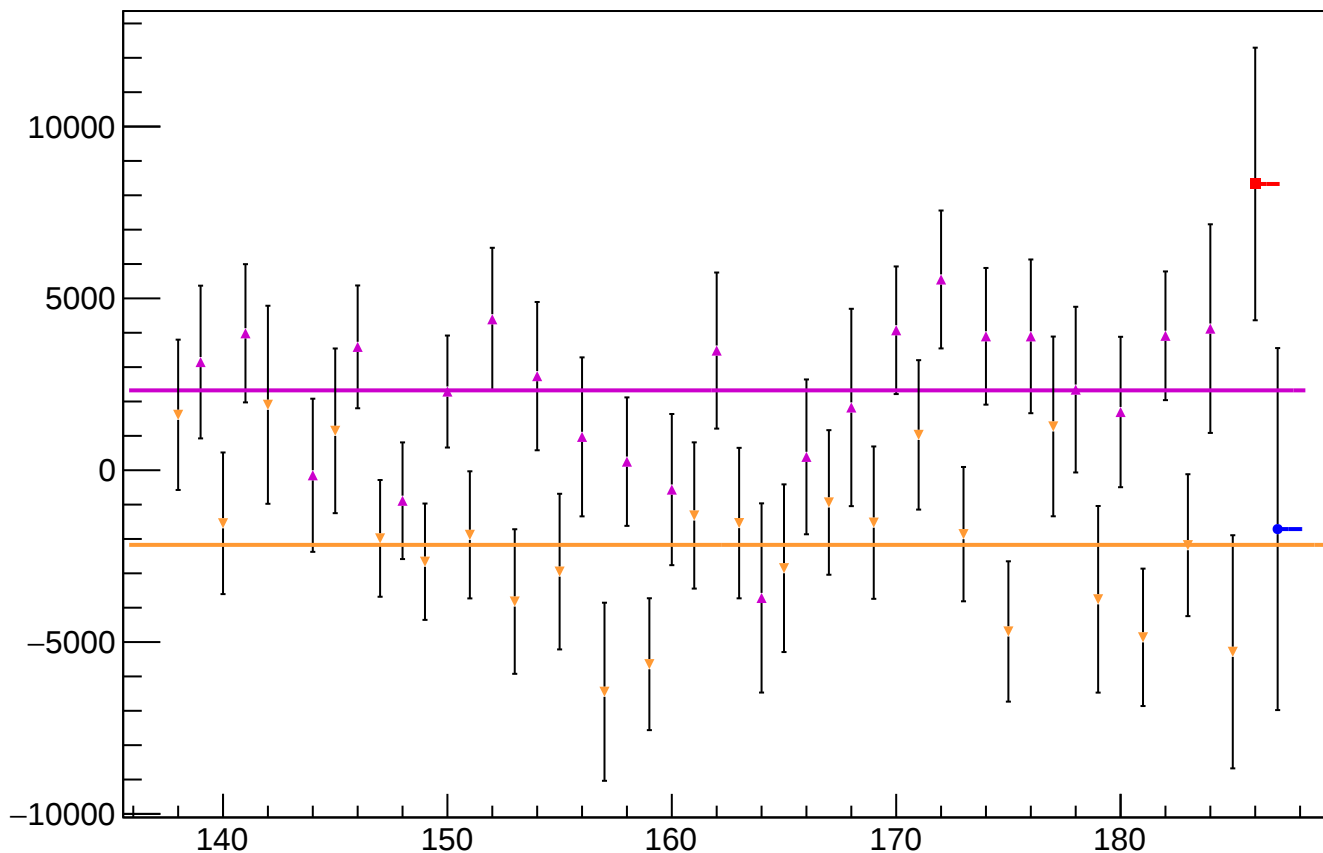
Left In: 787.707 ± 0.133 χ^2/NDF : 9449.8/22

+ sign 790.197 ± 0.113 χ^2/NDF : 192811.3/40

All: 789.808 ± 0.079 χ^2/NDF : 218458.2/82

- sign 789.428 ± 0.112 χ^2/NDF : 25623.5/41

asym_us_dd_correction_mean vs Slug



Right In: -1712.280 $\pm$ 5266.712 χ^2 /NDF: 0.0/0

Left Out: -2171.959 $\pm$ 440.110 χ^2 /NDF:23.1/23

Right Out: 8329.311 $\pm$ 3966.108 χ^2 /NDF: 0.0/0

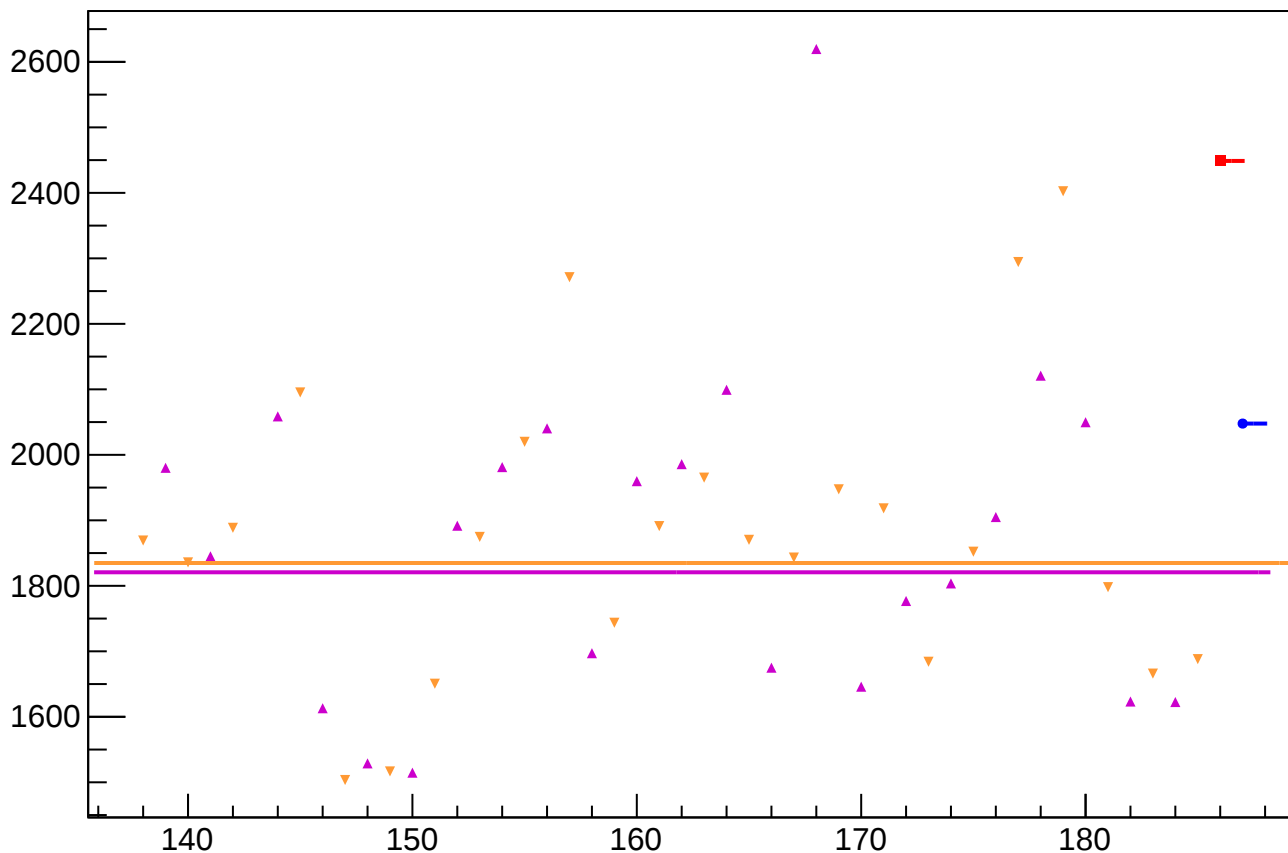
Left In: 2323.747 $\pm$ 437.513 χ^2 /NDF:22.0/22

+ sign -2168.771 $\pm$ 438.581 χ^2 /NDF: 23.1/24

All: 132.955 $\pm$ 308.805 χ^2 /NDF: 102.0/48

- sign 2395.950 $\pm$ 434.875 χ^2 /NDF: 24.3/23

asym_us_dd_correction_rms vs Slug



Right In: 2047.732+/-3.724 χ^2 /NDF: 0.0/0

Left Out: 1834.851+/-0.311 χ^2 /NDF:462857.6/23

Right Out: 2448.748+/-2.804 χ^2 /NDF: 0.0/0

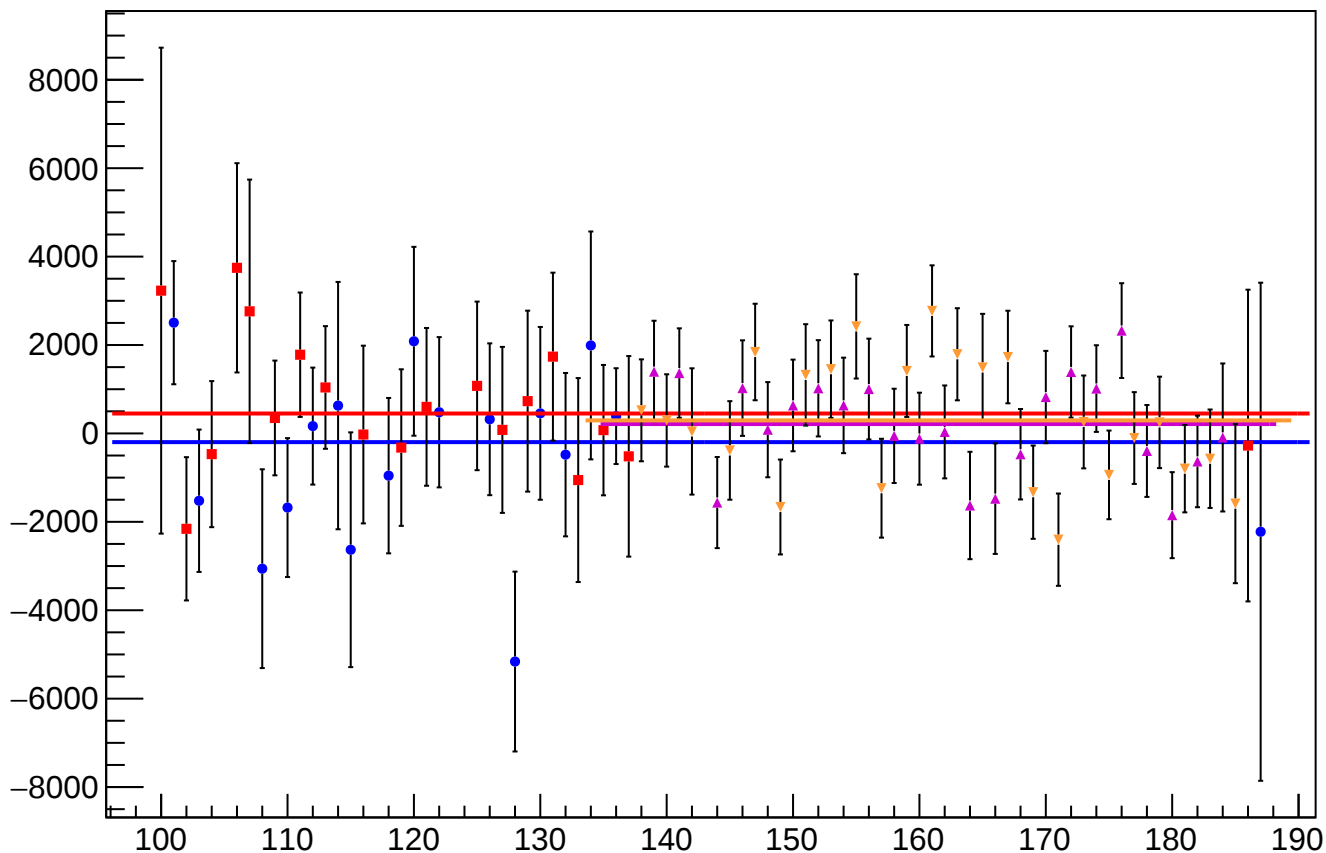
Left In: 1820.669+/-0.309 χ^2 /NDF:537910.0/22

+ sign 1836.327+/-0.310 χ^2 /NDF: 466102.5/24

All: 1832.239+/-0.218 χ^2 /NDF: 1053910.7/48

- sign 1828.221+/-0.308 χ^2 /NDF: 587463.7/23

asym_us_dd_mean vs Slug



Right In: -196.946 ± 430.235 χ^2/NDF : 16.8/16

Left Out: 294.652 ± 224.344 χ^2/NDF : 38.3/23

Right Out: 450.623 ± 423.826 χ^2/NDF : 8.4/18

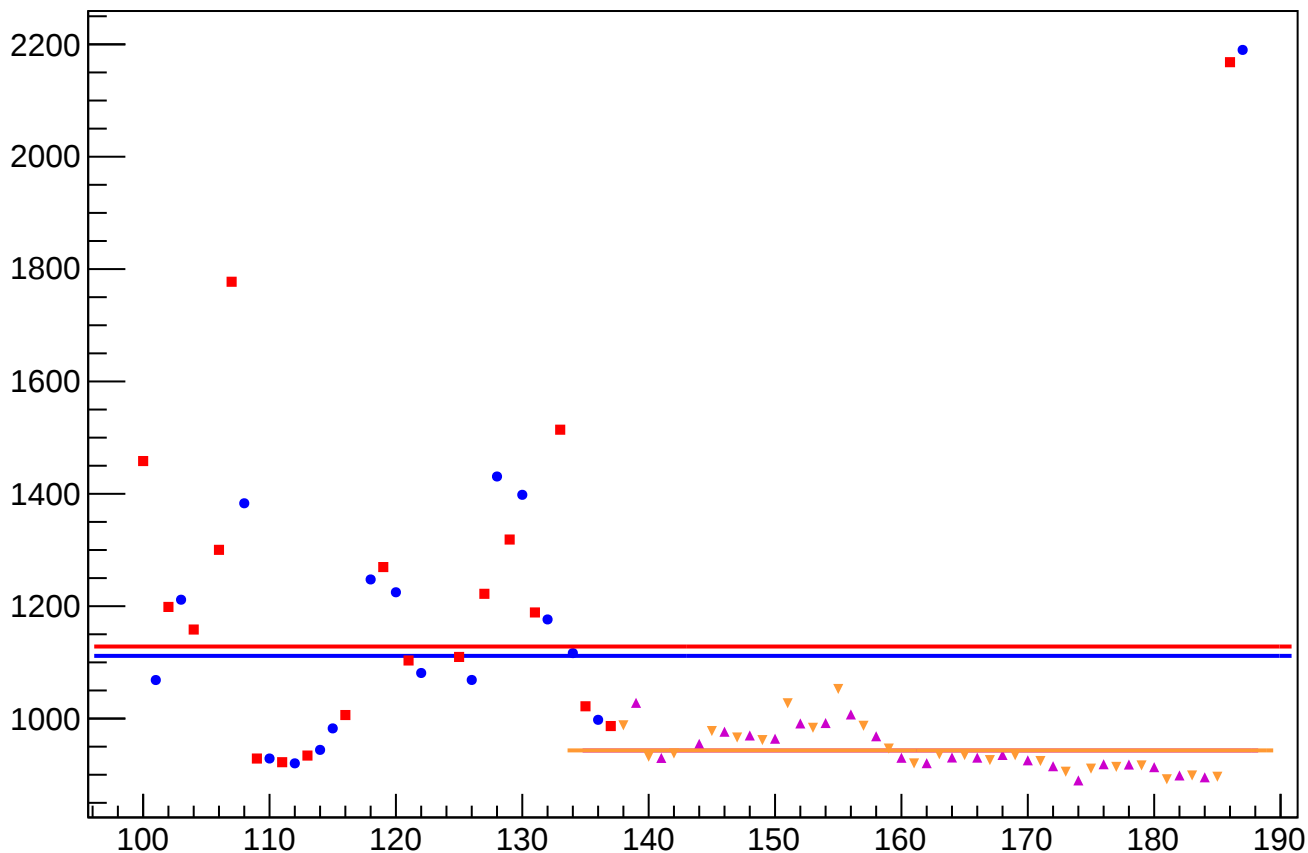
Left In: 212.080 ± 224.701 χ^2/NDF : 23.7/22

+ sign 189.558 ± 198.924 χ^2/NDF : 56.1/40

All: 227.064 ± 140.519 χ^2/NDF : 88.5/82

- sign 264.419 ± 198.525 χ^2/NDF : 32.4/41

asym_us_dd_rms vs Slug



Right In: 1111.562+/-0.304 χ^2/NDF : 329090.1/16

Left Out: 943.327+/-0.159 χ^2/NDF : 60410.5/23

Right Out: 1128.221+/-0.300 χ^2/NDF : 539553.9/18

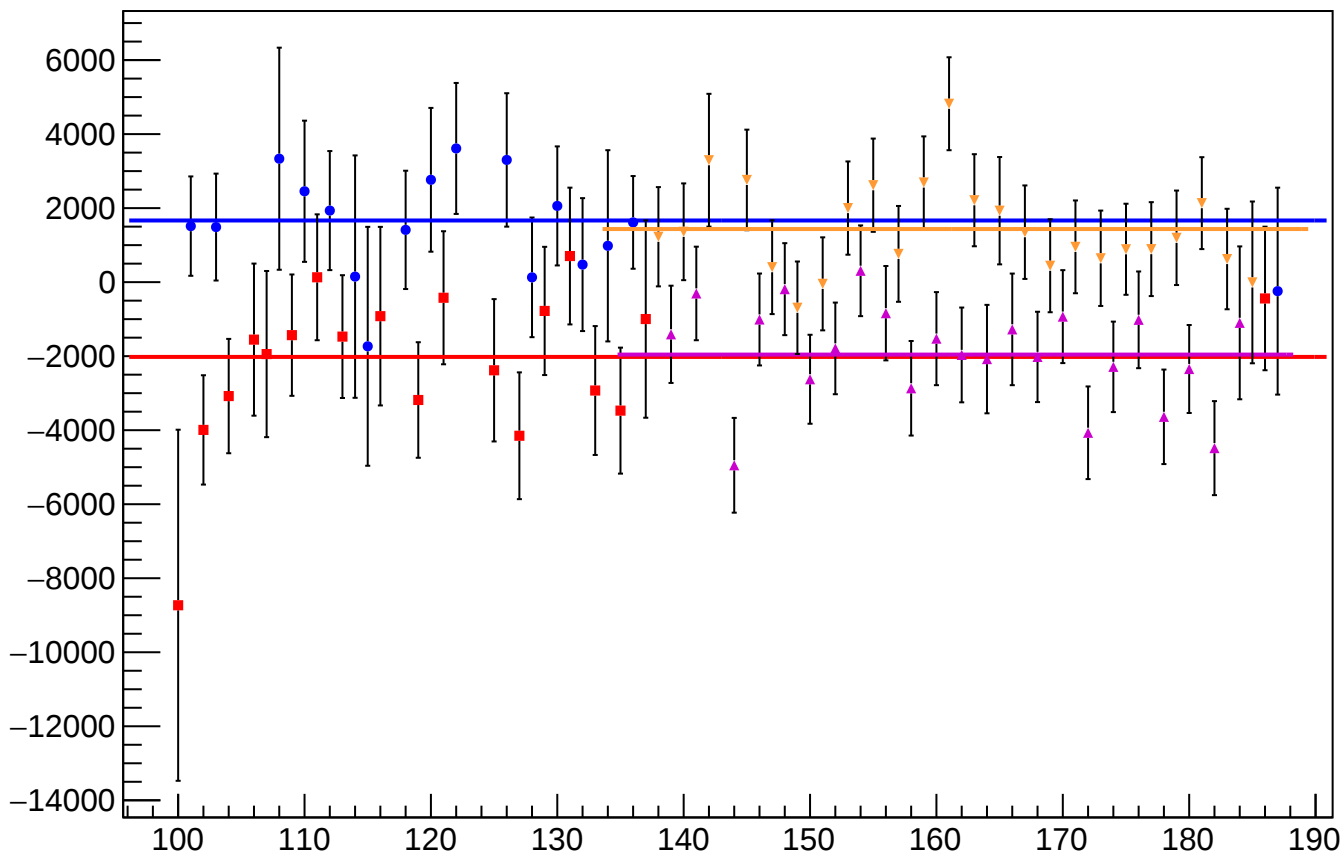
Left In: 943.137+/-0.159 χ^2/NDF : 49948.2/22

+ sign 979.292+/-0.141 χ^2/NDF : 629934.1/40

All: 981.524+/-0.099 χ^2/NDF : 1517665.0/82

- sign 983.746+/-0.140 χ^2/NDF : 887228.6/41

dit_asym_usl_mean vs Slug



Right In: 1666.106 $\pm$ 435.423 χ^2 /NDF: 6.2/16

Left Out: 1434.882 $\pm$ 267.816 χ^2 /NDF: 19.8/23

Right Out: -2020.285 $\pm$ 420.752 χ^2 /NDF: 13.8/18

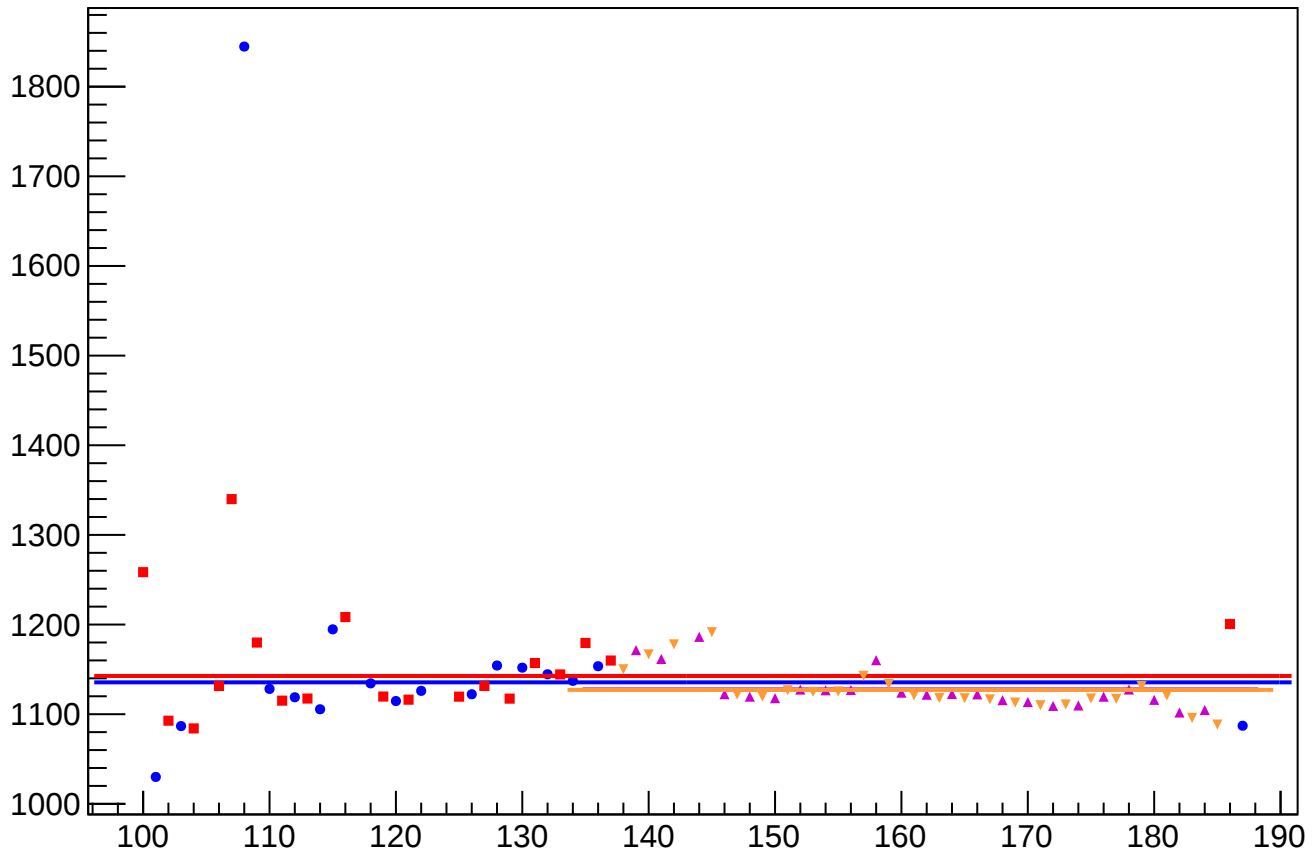
Left In: -1957.574 $\pm$ 268.487 χ^2 /NDF: 25.4/22

+ sign 1498.347 $\pm$ 228.120 χ^2 /NDF: 26.2/40

All: -252.347 $\pm$ 160.669 χ^2 /NDF: 182.3/82

- sign -1975.720 $\pm$ 226.333 χ^2 /NDF: 39.2/41

dit_asym_usl_rms vs Slug



Right In: 1135.534 ± 0.308 χ^2/NDF : 129412.5/16

Left Out: 1127.125 ± 0.189 χ^2/NDF : 12305.7/23

Right Out: 1142.652 ± 0.298 χ^2/NDF : 29940.1/18

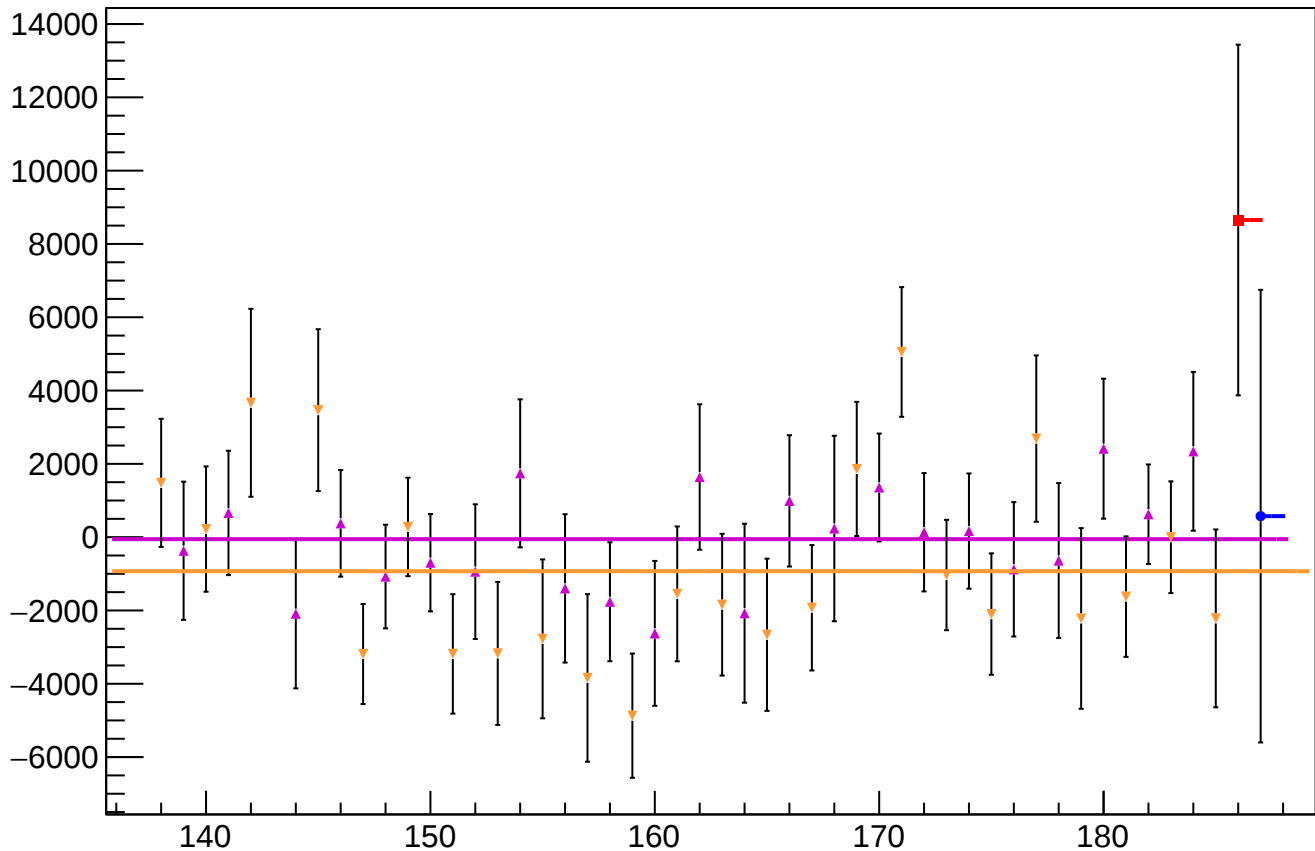
Left In: 1127.655 ± 0.190 χ^2/NDF : 12177.6/22

+ sign 1129.433 ± 0.161 χ^2/NDF : 142259.4/40

All: 1130.724 ± 0.114 χ^2/NDF : 186309.8/82

- sign 1131.995 ± 0.160 χ^2/NDF : 43923.3/41

asym_usl_correction_mean vs Slug



Right In: 573.788+/-6174.885 χ^2/NDF : 0.0/0

Left Out: -929.515+/-367.619 χ^2/NDF : 43.4/23

Right Out: 8653.106+/-4783.712 χ^2/NDF : 0.0/0

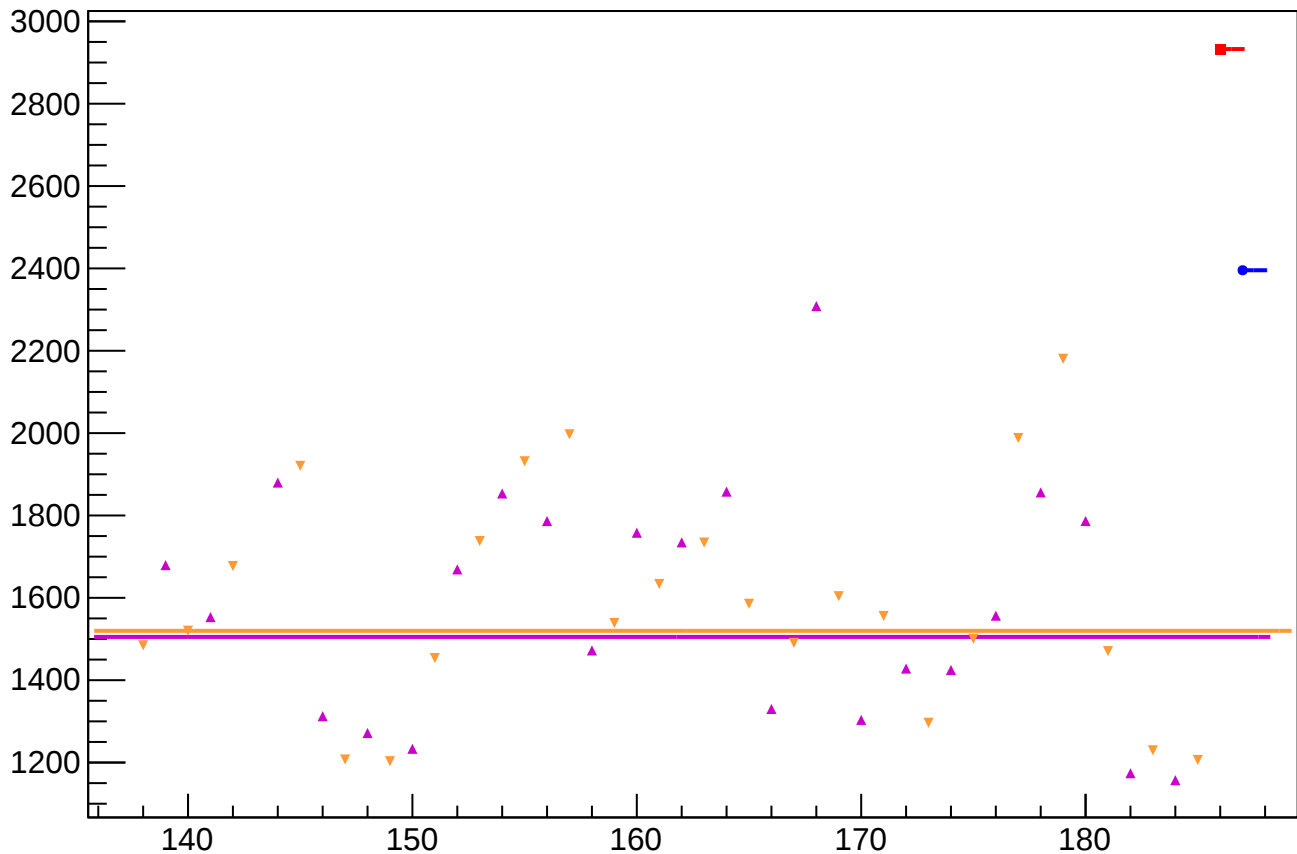
Left In: -54.483+/-364.557 χ^2/NDF : 12.5/22

+ sign -924.206+/-366.970 χ^2/NDF : 43.4/24

All: -459.839+/-258.252 χ^2/NDF : 62.3/48

- sign -4.205+/-363.503 χ^2/NDF : 15.7/23

asym_usl_correction_rms vs Slug



Right In: 2395.541 $\pm$ 4.366 χ^2 /NDF: 0.0/0

Left Out: 1519.854 $\pm$ 0.260 χ^2 /NDF: 898683.7/23

Right Out: 2932.695 $\pm$ 3.383 χ^2 /NDF: 0.0/0

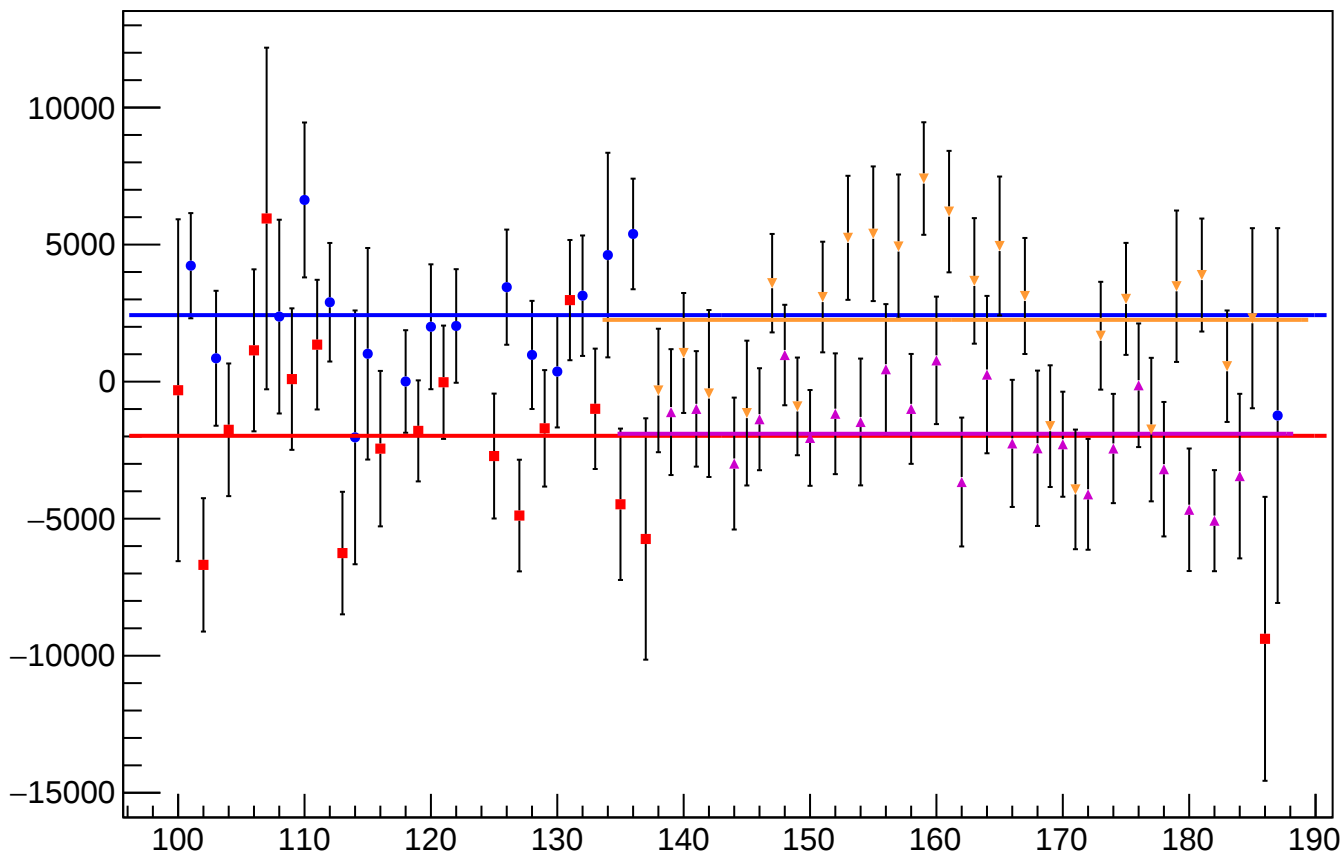
Left In: 1505.076 $\pm$ 0.258 χ^2 /NDF: 1014825.7/22

+ sign 1522.947 $\pm$ 0.259 χ^2 /NDF: 938764.2/24

All: 1518.087 $\pm$ 0.183 χ^2 /NDF: 2131381.2/48

- sign 1513.319 $\pm$ 0.257 χ^2 /NDF: 1191922.2/23

asym_usl_mean vs Slug



Right In: 2426.914 $\pm$ 582.185 χ^2 /NDF: 11.0/16

Left Out: 2253.979 $\pm$ 456.390 χ^2 /NDF:38.7/23

Right Out: -1976.637 $\pm$ 579.527 χ^2 /NDF: 24.8/18

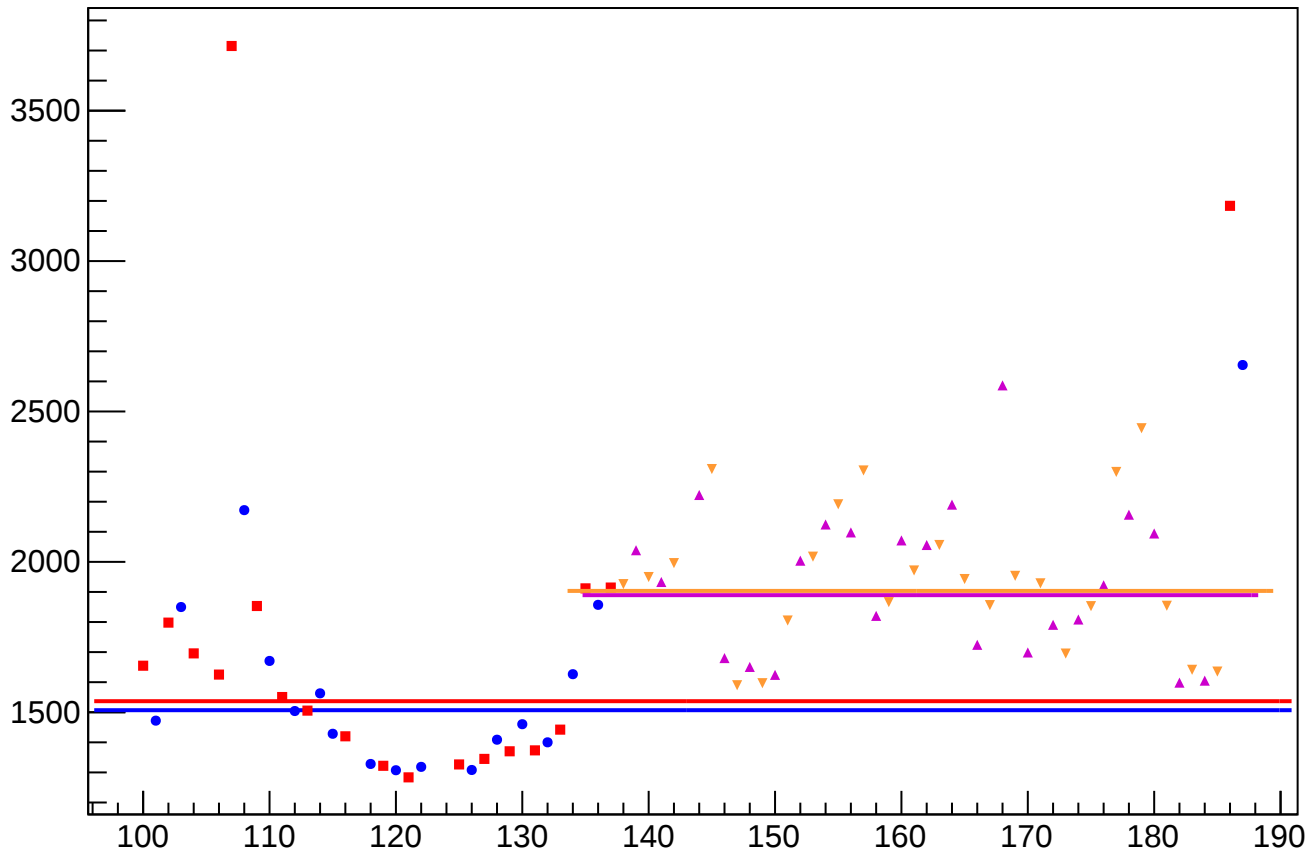
Left In: -1901.797 $\pm$ 453.879 χ^2 /NDF:13.9/22

+ sign 2319.803 $\pm$ 359.179 χ^2 /NDF: 49.8/40

All: 183.813 $\pm$ 253.322 χ^2 /NDF: 158.8/82

- sign -1930.250 $\pm$ 357.331 χ^2 /NDF: 38.7/41

asym_usl_rms vs Slug



Right In: 1506.864+/-0.412 χ^2/NDF : 315552.4/16

Left Out: 1903.456+/-0.323 χ^2/NDF : 461899.8/23

Right Out: 1536.822+/-0.410 χ^2/NDF : 685250.4/18

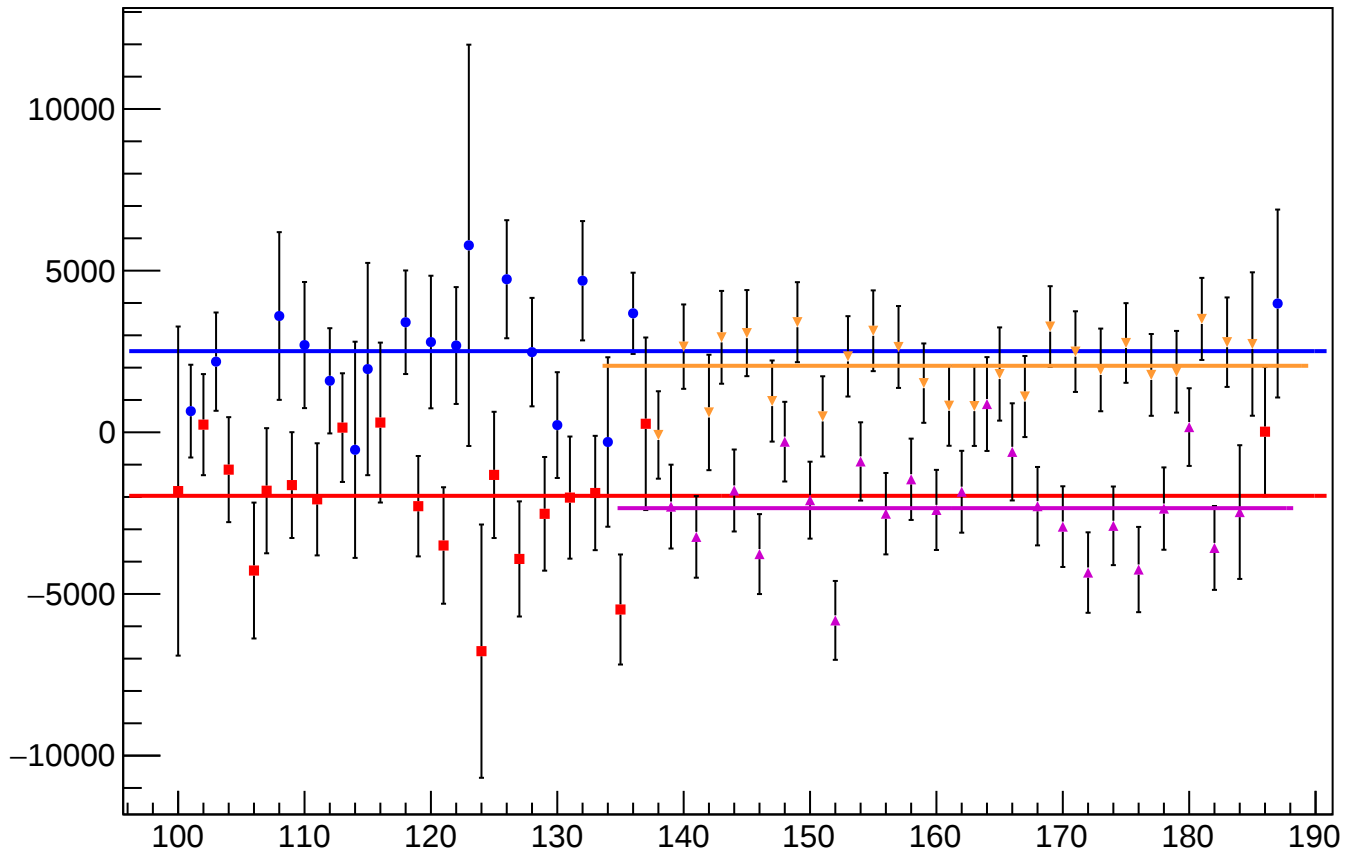
Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

+ sign 1752.502+/-0.254 χ^2/NDF : 1352292.4/40

All: 1753.913+/-0.179 χ^2/NDF : 3004893.9/82

- sign 1755.310+/-0.253 χ^2/NDF : 1652540.0/41

dit_asym_usr_mean vs Slug



Right In: 2510.510 $\pm$ 444.101 χ^2 /NDF: 10.8/17

Left Out: 2057.600 $\pm$ 261.809 χ^2 /NDF: 14.8/24

Right Out: -1964.477 $\pm$ 423.722 χ^2 /NDF: 15.5/19

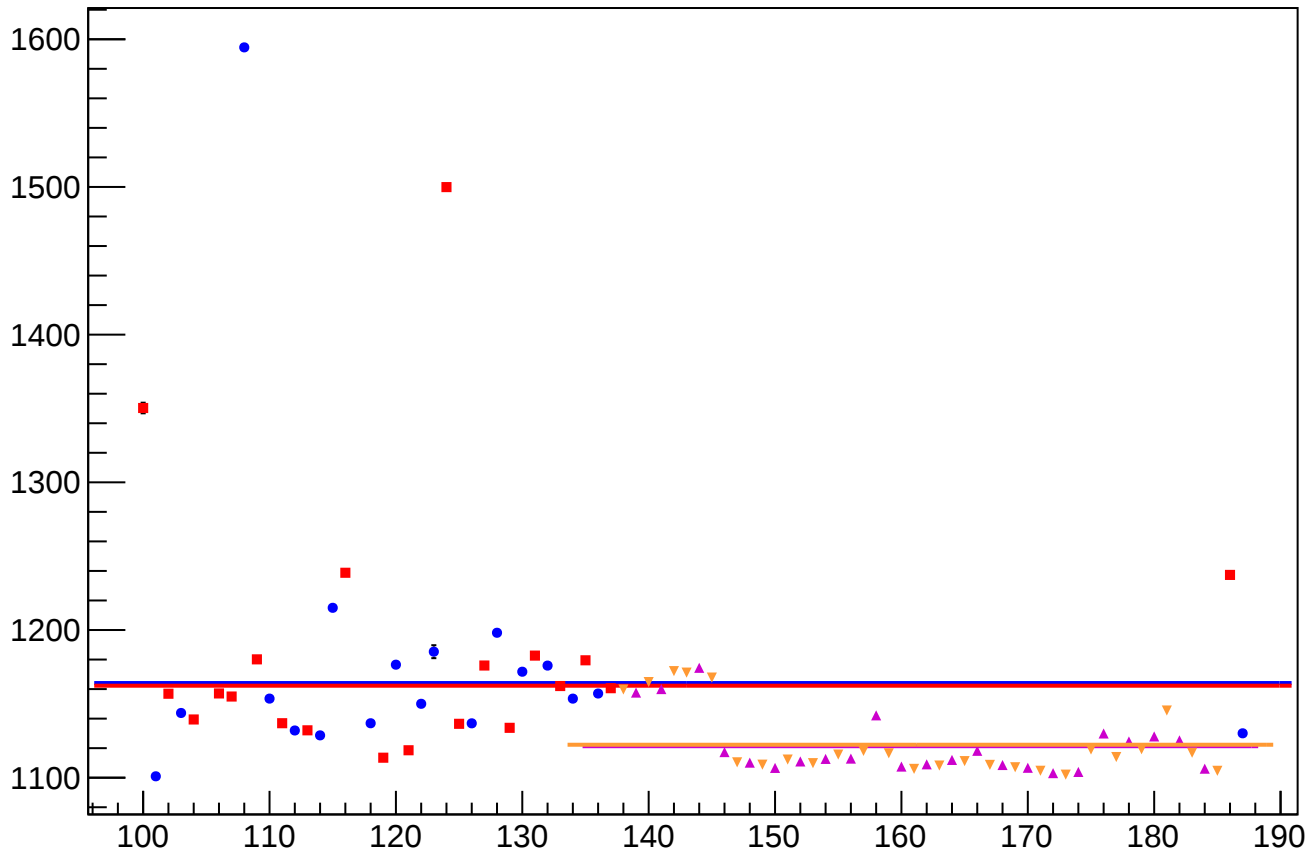
Left In: -2345.900 $\pm$ 266.966 χ^2 /NDF: 31.6/22

+ sign 2174.409 $\pm$ 225.535 χ^2 /NDF: 26.4/42

All: -28.250 $\pm$ 159.597 χ^2 /NDF: 265.2/85

- sign -2237.514 $\pm$ 225.873 χ^2 /NDF: 47.7/42

dit_asym_usr_rms vs Slug



Right In: 1164.091 ± 0.314 χ^2/NDF : 63417.1/17

Left Out: 1122.318 ± 0.185 χ^2/NDF : 13825.0/24

Right Out: 1162.287 ± 0.300 χ^2/NDF : 28672.9/19

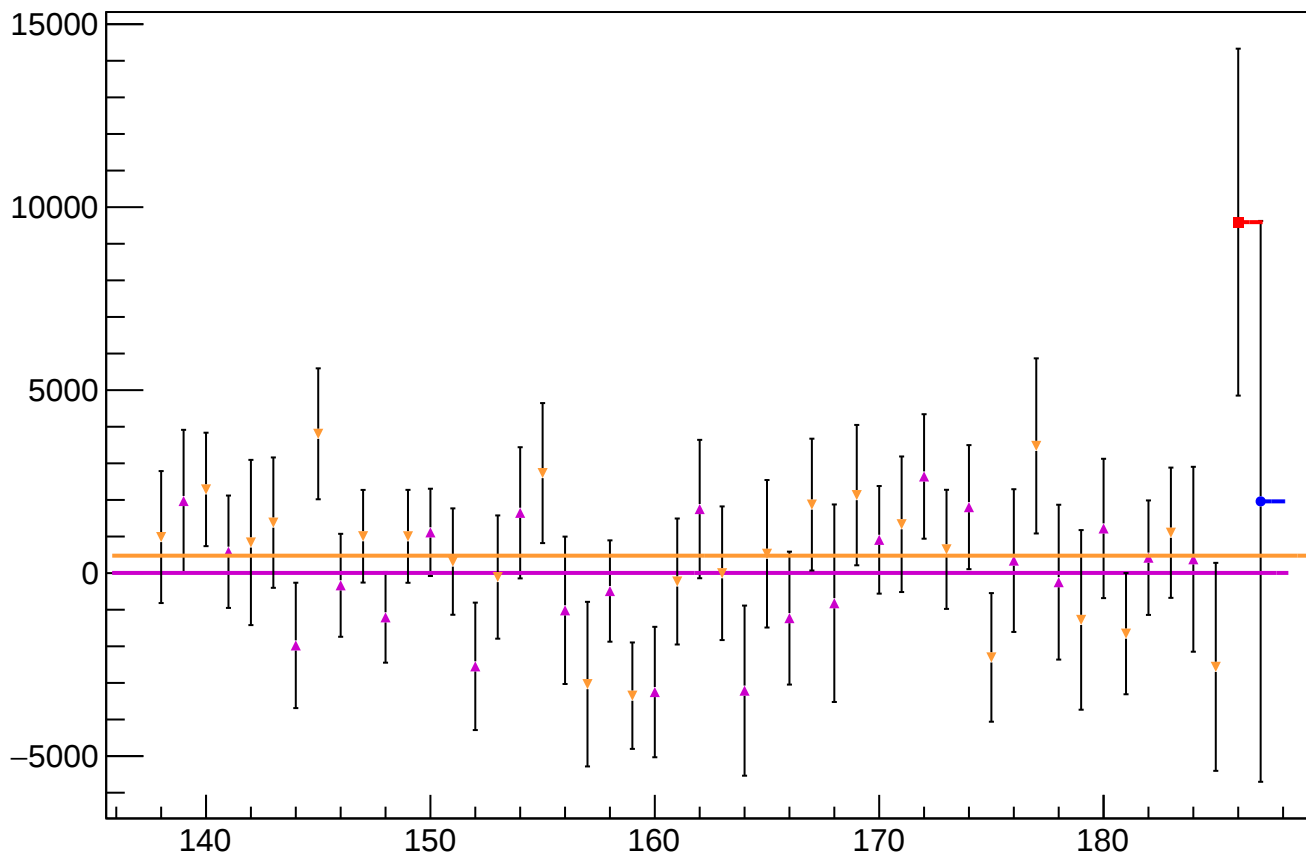
Left In: 1121.328 ± 0.189 χ^2/NDF : 10474.0/22

+ sign 1133.091 ± 0.159 χ^2/NDF : 90373.7/42

All: 1133.029 ± 0.113 χ^2/NDF : 142898.5/85

- sign 1132.967 ± 0.160 χ^2/NDF : 52524.5/42

asym_usr_correction_mean vs Slug



Right In: 1960.908+/-7663.010 χ^2/NDF : 0.0/0

Left Out: 476.919+/-349.994 χ^2/NDF : 25.7/24

Right Out: 9590.899+/-4740.008 χ^2/NDF : 0.0/0

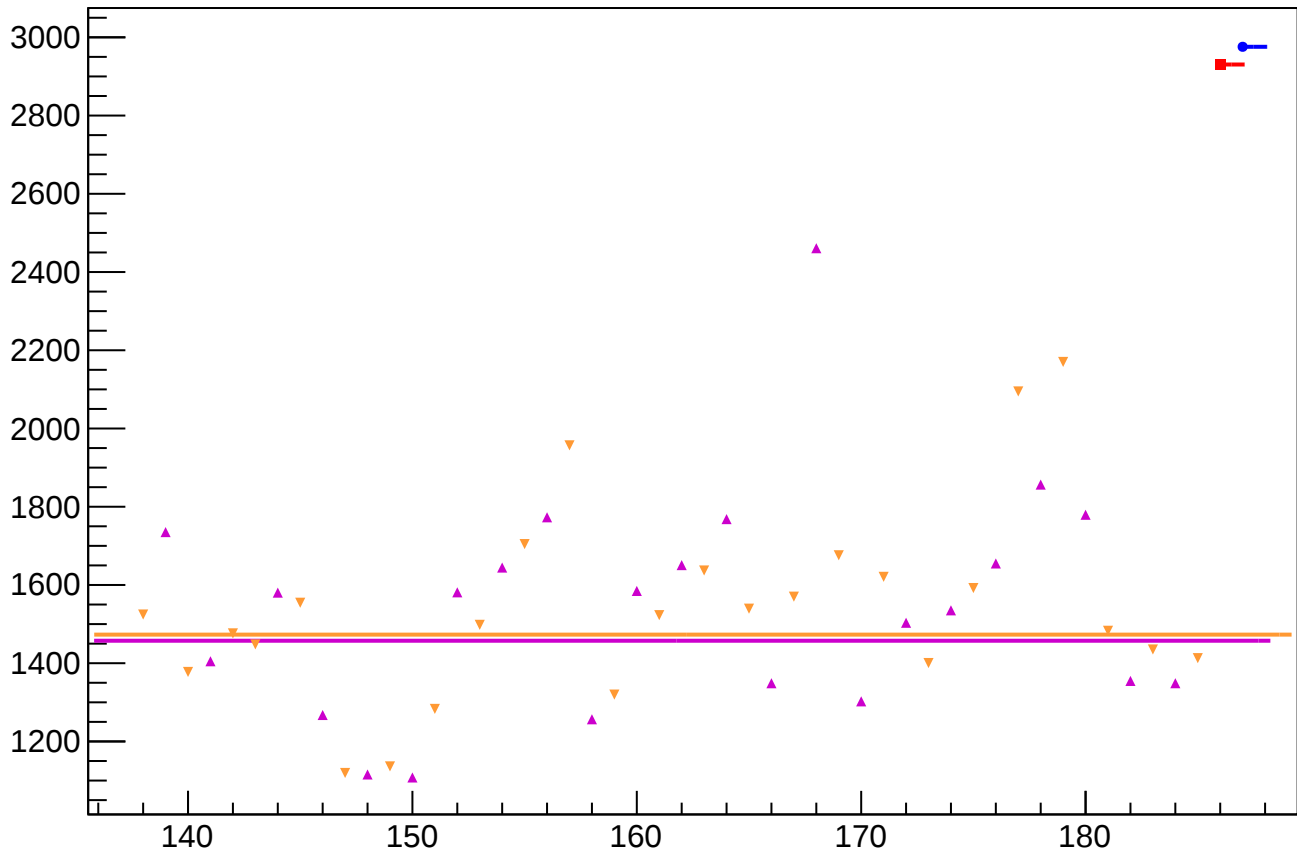
Left In: 5.369+/-353.503 χ^2/NDF : 18.9/22

+ sign 480.008+/-349.630 χ^2/NDF : 25.8/25

All: 270.936+/-248.243 χ^2/NDF : 49.4/49

- sign 58.389+/-352.524 χ^2/NDF : 22.9/23

asym_usr_correction_rms vs Slug



Right In: 2975.798+/-5.419 χ^2/NDF : 0.0/0

Left Out: 1473.076+/-0.247 χ^2/NDF :861593.4/24

Right Out: 2930.496+/-3.352 χ^2/NDF : 0.0/0

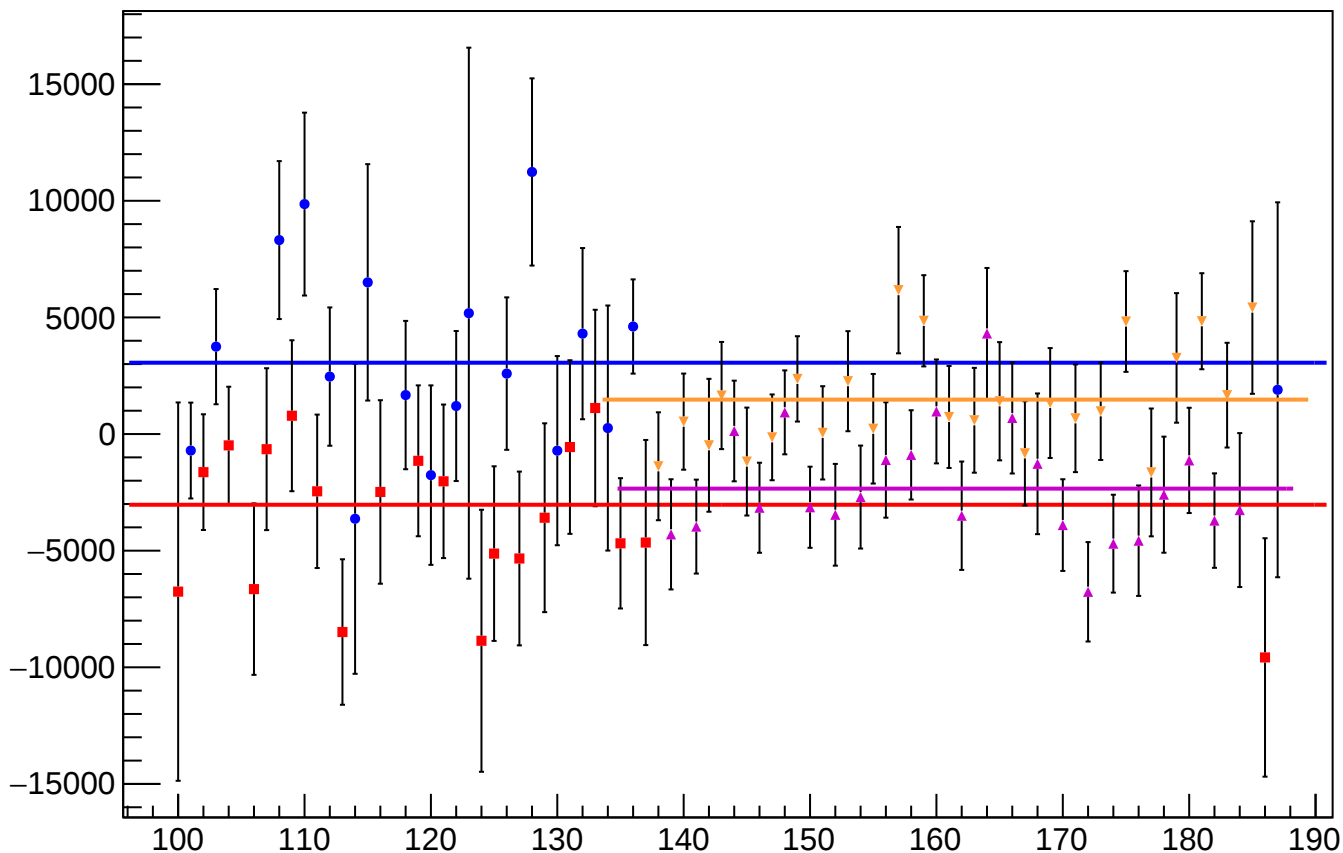
Left In: 1457.450+/-0.250 χ^2/NDF :1076563.2/22

+ sign 1476.204+/-0.247 χ^2/NDF : 938344.2/25

All: 1470.945+/-0.176 χ^2/NDF : 2207906.2/49

- sign 1465.598+/-0.249 χ^2/NDF : 1268649.2/23

asym_usr_mean vs Slug



Right In: 3058.046 $\pm$ 793.840 χ^2 /NDF: 18.5/17

Left Out: 1475.648 $\pm$ 451.347 χ^2 /NDF: 20.9/24

Right Out: -3031.145 $\pm$ 785.893 χ^2 /NDF: 13.3/19

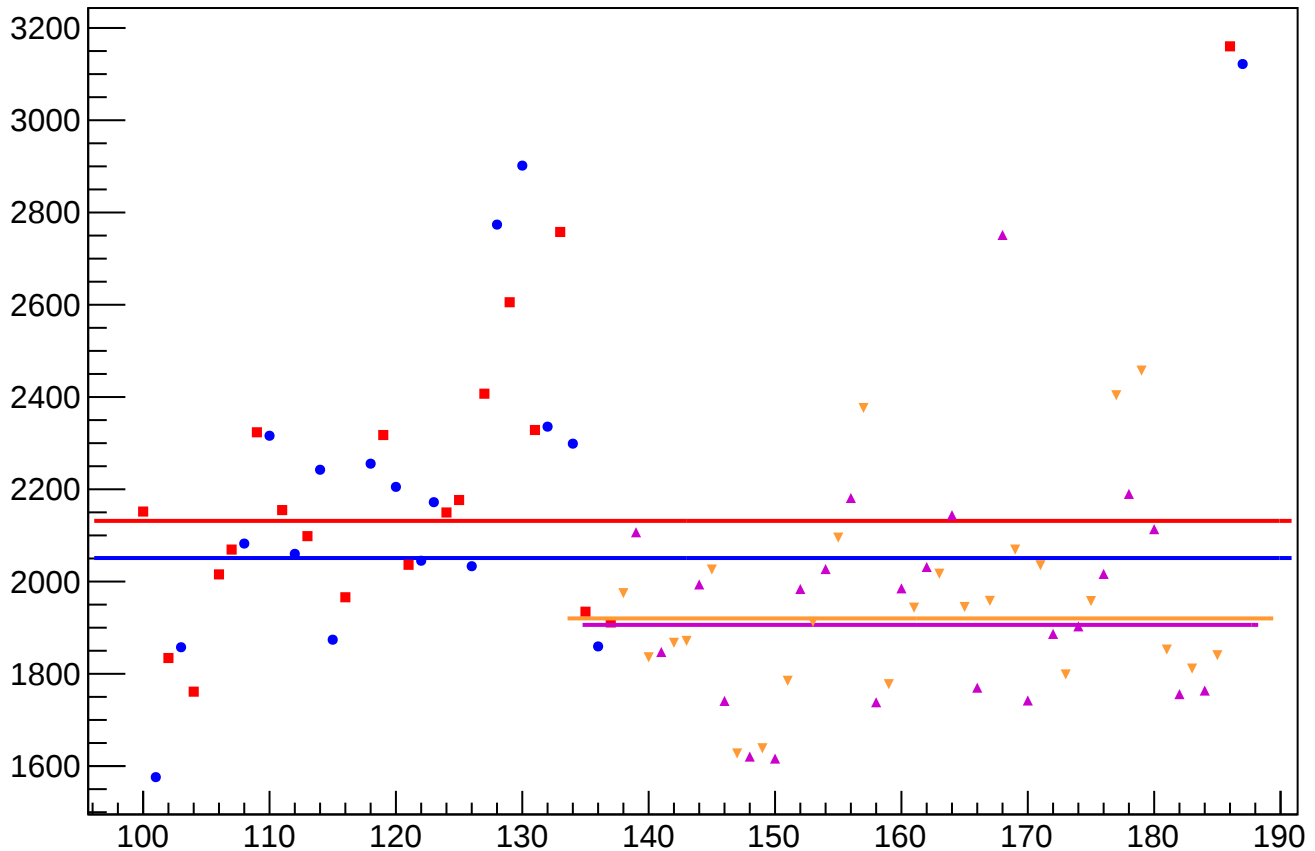
Left In: -2339.905 $\pm$ 457.448 χ^2 /NDF: 25.2/22

+ sign 1862.216 $\pm$ 392.363 χ^2 /NDF: 42.5/42

All: -309.708 $\pm$ 278.493 χ^2 /NDF: 143.2/85

- sign -2514.836 $\pm$ 395.351 χ^2 /NDF: 39.0/42

asym_usr_rms vs Slug



Right In: 2050.985 $\pm$ 0.561 χ^2 /NDF: 367199.7/17

Left Out: 1920.082 $\pm$ 0.319 χ^2 /NDF: 365919.7/24

Right Out: 2131.535 $\pm$ 0.556 χ^2 /NDF: 278395.5/19

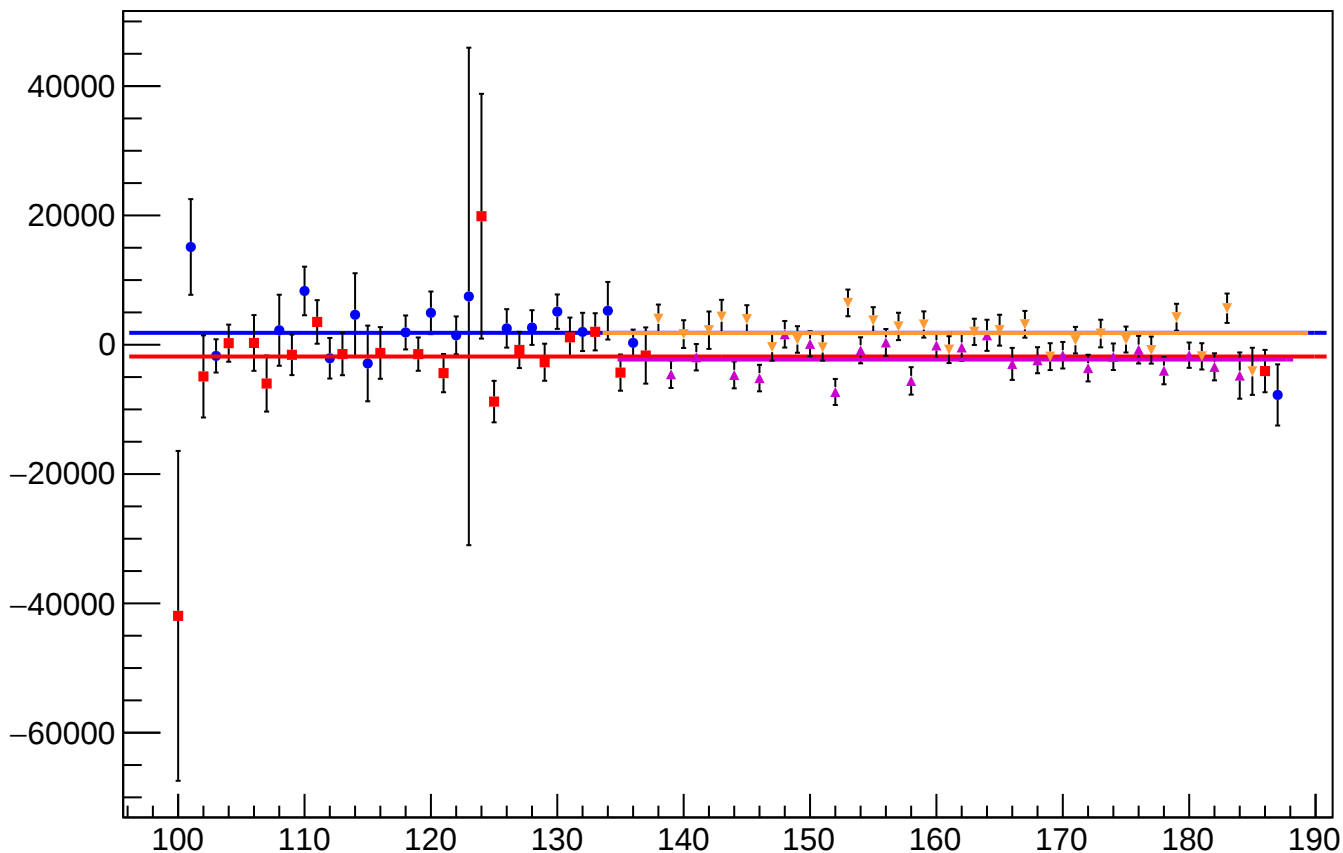
Left In: 1906.043 $\pm$ 0.323 χ^2 /NDF: 451054.7/22

+ sign 1952.061 $\pm$ 0.277 χ^2 /NDF: 774216.7/42

All: 1957.542 $\pm$ 0.197 χ^2 /NDF: 1627437.3/85

- sign 1963.108 $\pm$ 0.280 χ^2 /NDF: 852433.9/42

dit_asym_at1_avg_mean vs Slug



Right In: 1843.204 $\pm$ 784.768 χ^2 /NDF: 18.4/17

Left Out: 1809.174 $\pm$ 432.738 χ^2 /NDF: 29.4/24

Right Out: -1820.567 $\pm$ 763.064 χ^2 /NDF: 18.0/19

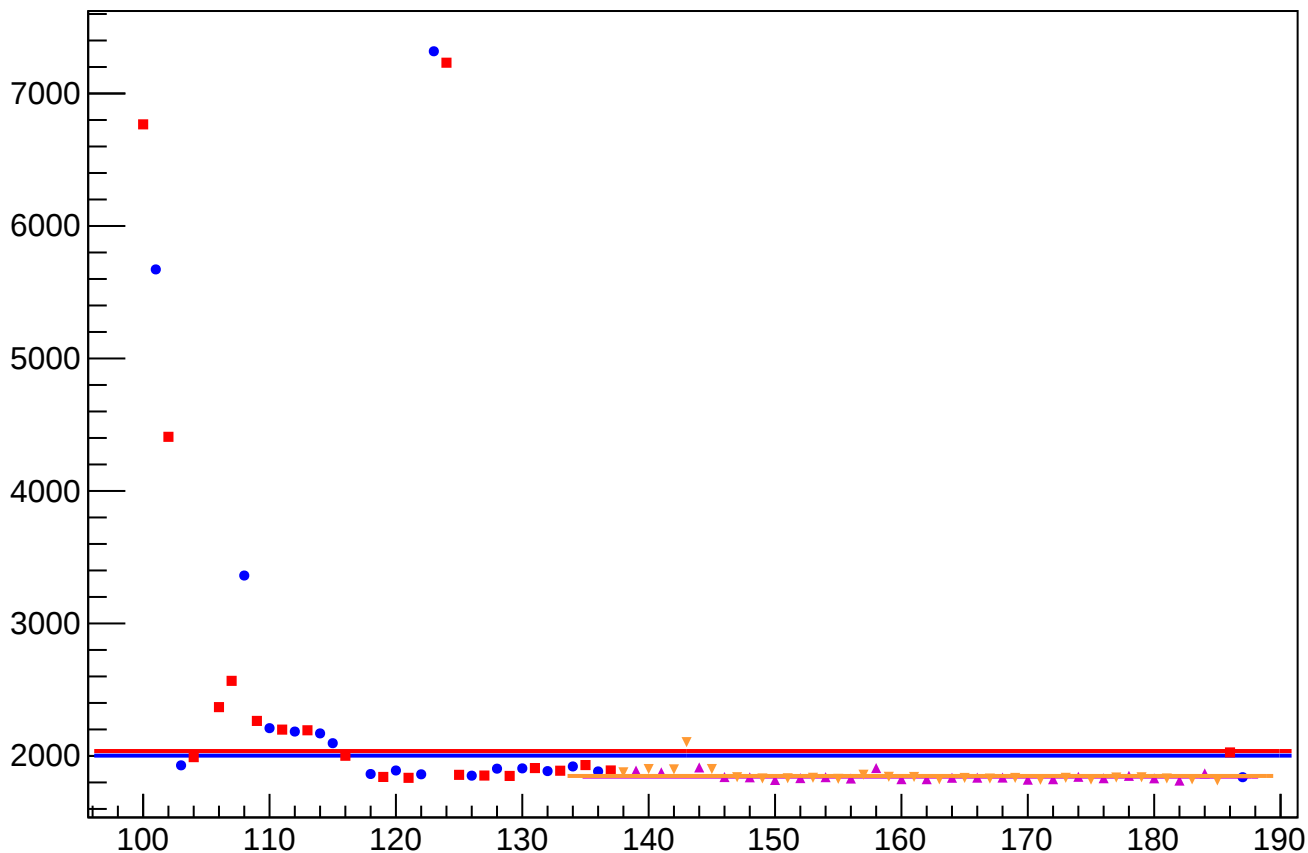
Left In: -2289.975 $\pm$ 440.620 χ^2 /NDF: 27.5/22

+ sign 1817.109 $\pm$ 378.944 χ^2 /NDF: 47.8/42

All: -163.947 $\pm$ 268.879 χ^2 /NDF: 148.5/85

- sign -2172.597 $\pm$ 381.574 χ^2 /NDF: 45.7/42

dit_asym_at1_avg_rms vs Slug



Right In: 2002.427+/-0.555 χ^2/NDF : 704801.1/17

Left Out: 1848.931+/-0.306 χ^2/NDF : 25543.1/24

Right Out: 2037.162+/-0.540 χ^2/NDF : 618989.4/19

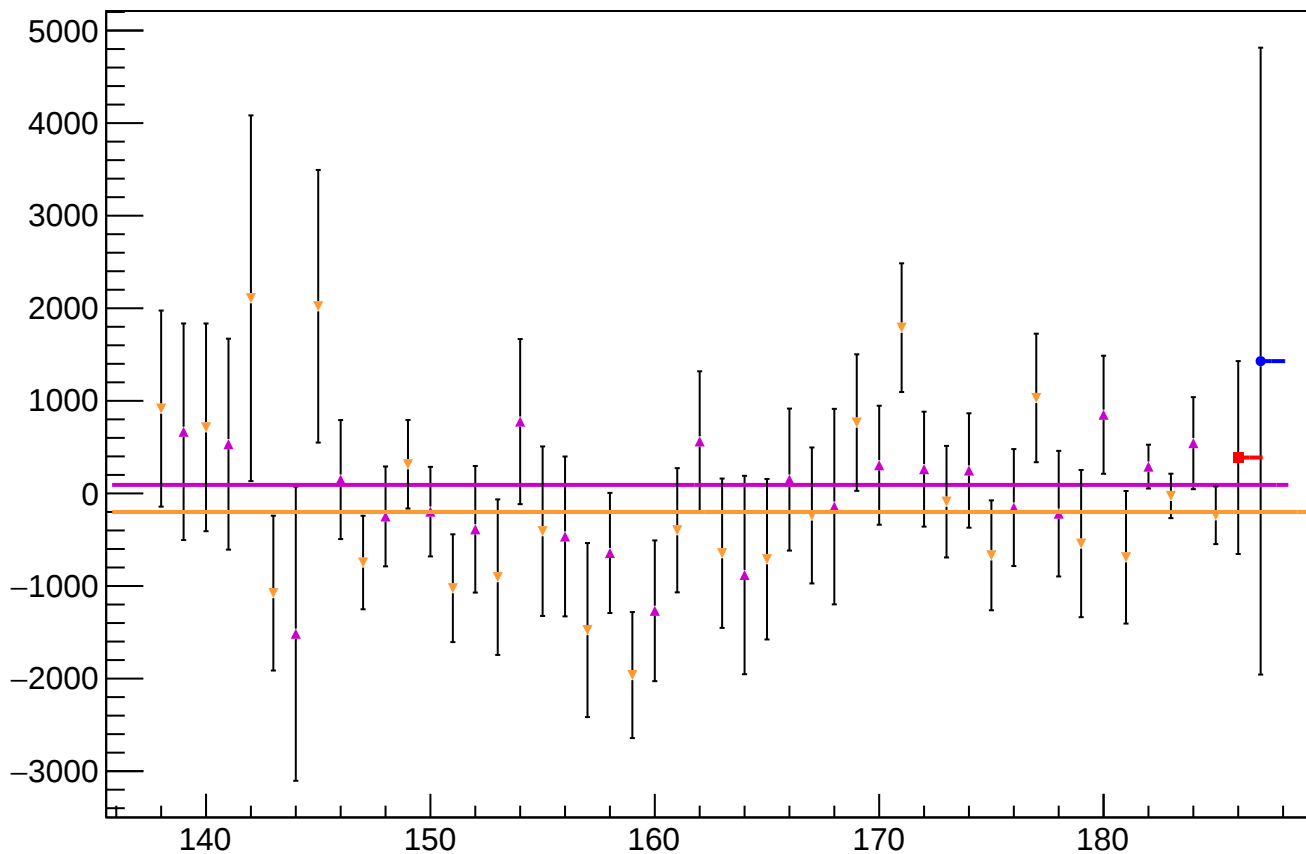
Left In: 1843.813+/-0.312 χ^2/NDF : 7555.7/22

+ sign 1884.721+/-0.268 χ^2/NDF : 789018.0/42

All: 1888.415+/-0.190 χ^2/NDF : 1512245.0/85

- sign 1892.161+/-0.270 χ^2/NDF : 722844.1/42

asym_at1_avg_correction_mean vs Slug



Right In: 1429.034 $\pm$ 3385.777 χ^2 /NDF: 0.0/0

Left Out: -200.614 $\pm$ 118.900 χ^2 /NDF:35.8/24

Right Out: 387.478 $\pm$ 1041.853 χ^2 /NDF: 0.0/0

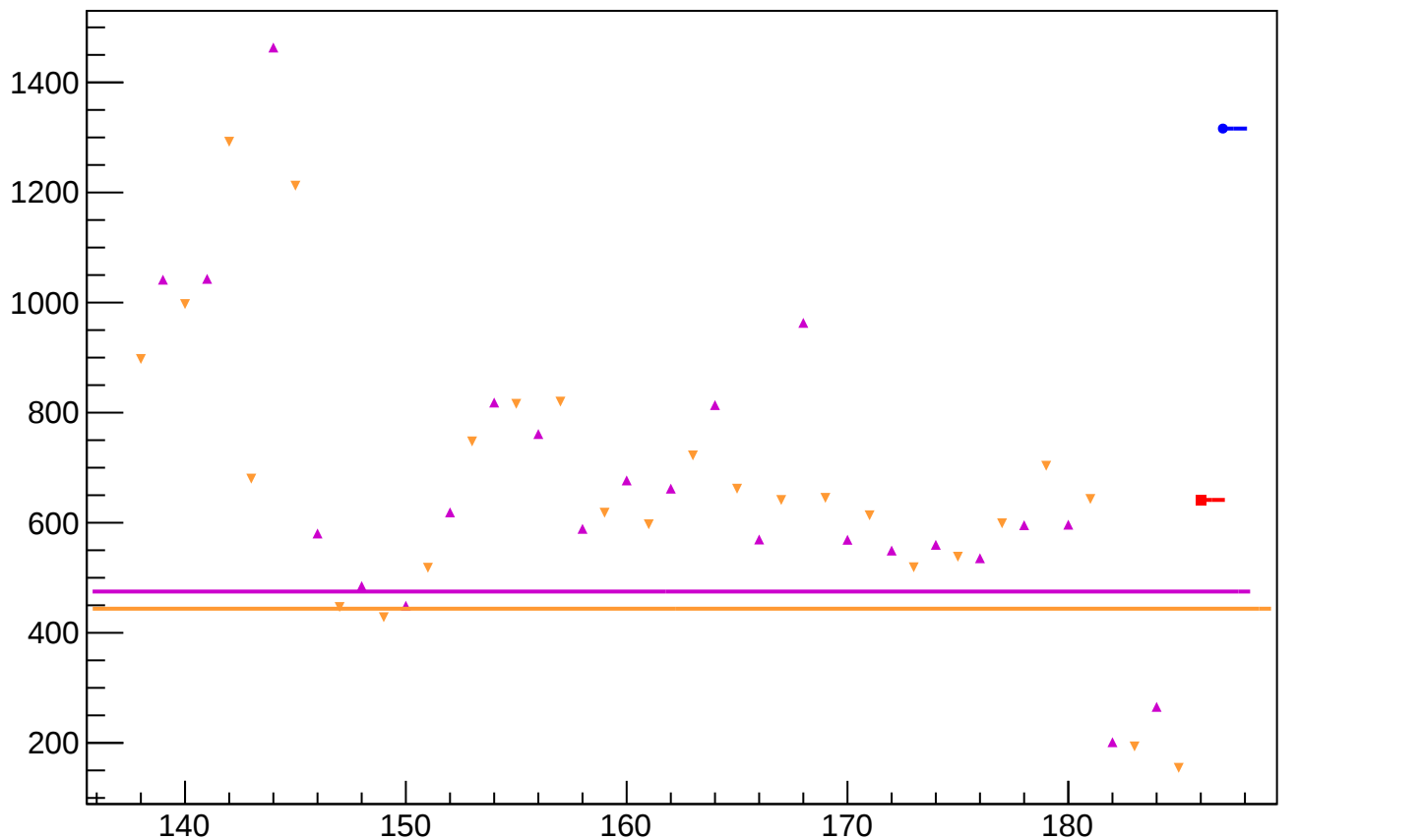
Left In: 92.163 $\pm$ 126.200 χ^2 /NDF:13.0/22

+ sign -198.607 $\pm$ 118.827 χ^2 /NDF: 36.0/25

All: -58.886 $\pm$ 86.216 χ^2 /NDF: 52.0/49

- sign 96.433 $\pm$ 125.284 χ^2 /NDF: 13.0/23

asym_at1_avg_correction_rms vs Slug



Right In: 1316.142 $\pm$ 2.394 χ^2 /NDF: 0.0/0

Left Out: 443.830 $\pm$ 0.084 χ^2 /NDF:8341702.1/24

Right Out: 641.440 $\pm$ 0.737 χ^2 /NDF: 0.0/0

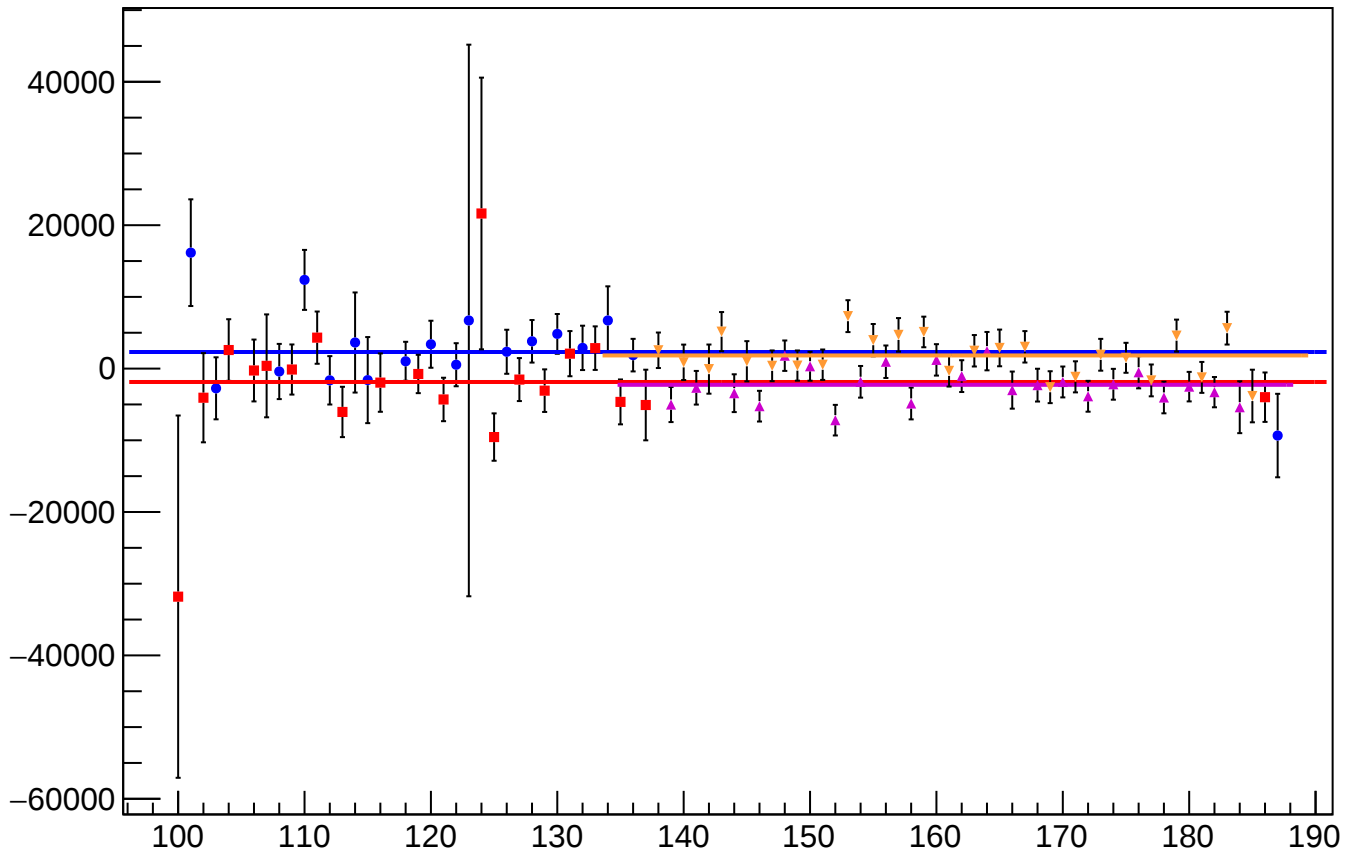
Left In: 475.007 $\pm$ 0.089 χ^2 /NDF:6686201.7/22

+ sign 444.904 $\pm$ 0.084 χ^2 /NDF: 8474295.5/25

All: 460.300 $\pm$ 0.061 χ^2 /NDF: 15281691.0/49

- sign 477.414 $\pm$ 0.089 χ^2 /NDF: 6736501.8/23

asym_at1_avg_mean vs Slug



Right In: 2314.763+/-846.979 χ^2/NDF : 19.7/17

Left Out: 1834.720+/-463.777 χ^2/NDF :32.8/24

Right Out: -1867.588+/-828.178 χ^2/NDF : 20.9/19

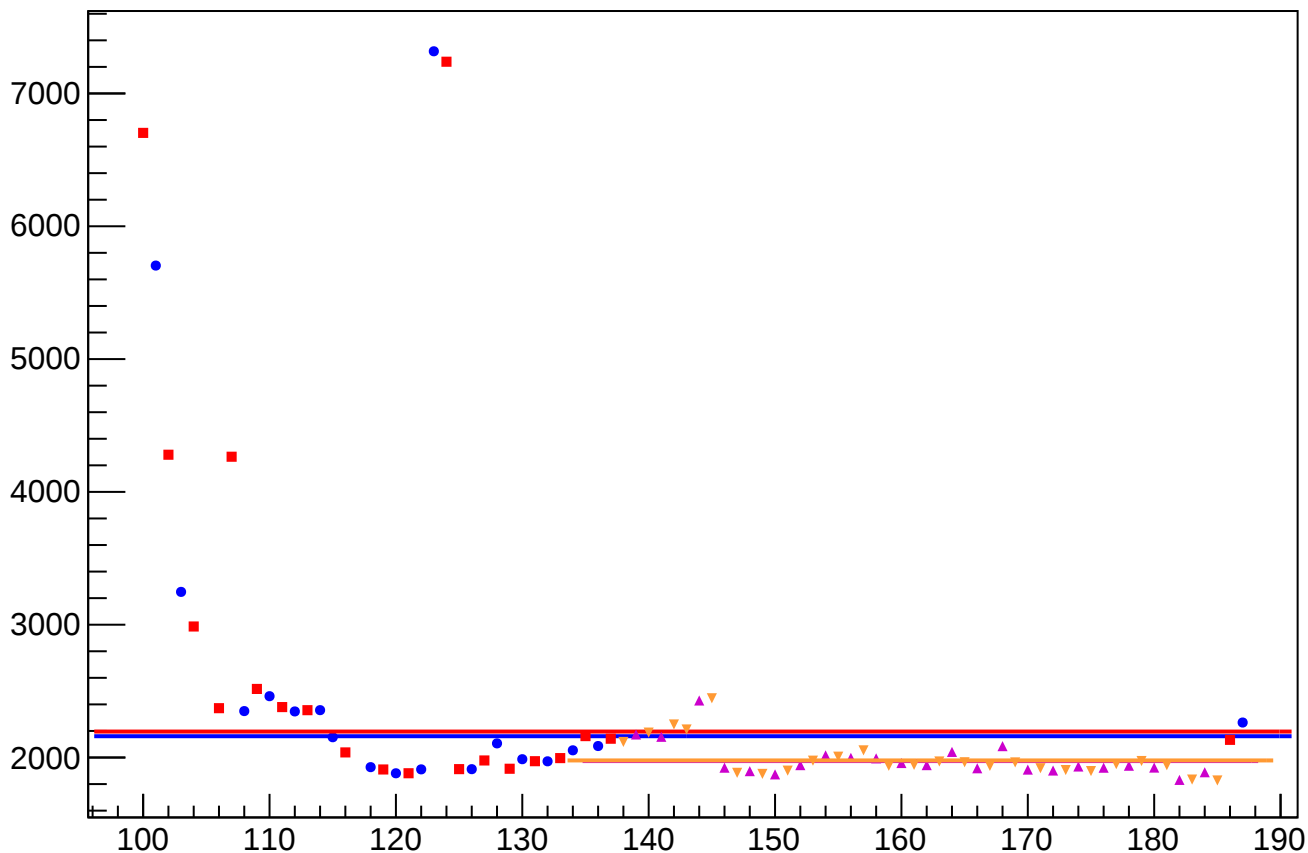
Left In: -2260.178+/-472.324 χ^2/NDF :26.3/22

+ sign 1945.450+/-406.786 χ^2/NDF : 52.7/42

All: -91.573+/-288.871 χ^2/NDF : 150.7/85

- sign -2163.824+/-410.288 χ^2/NDF : 47.4/42

asym_at1_avg_rms vs Slug



Right In: 2160.379+/-0.599 χ^2/NDF : 714503.6/17

Left Out: 1978.045+/-0.328 χ^2/NDF : 137699.3/24

Right Out: 2195.515+/-0.586 χ^2/NDF : 803719.3/19

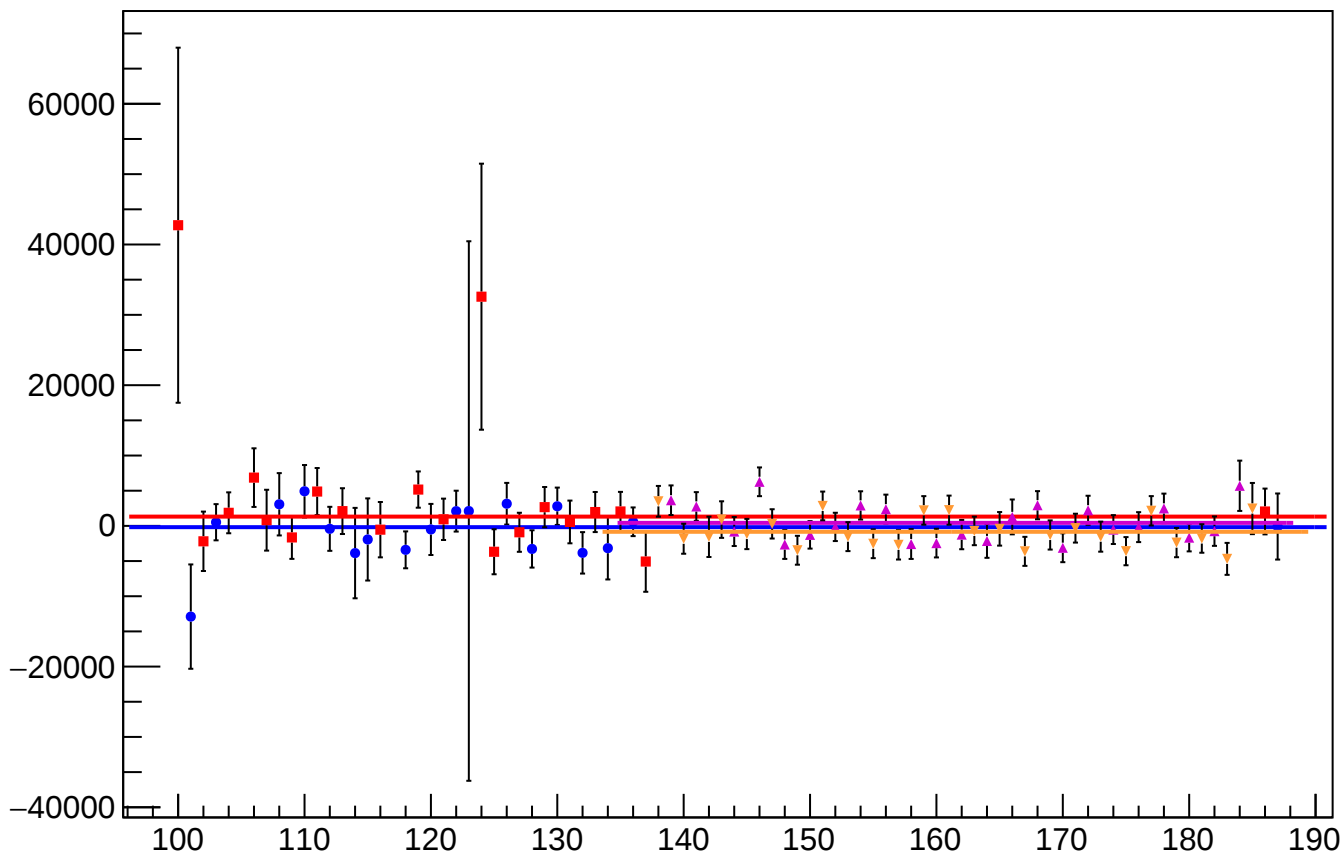
Left In: 1973.216+/-0.334 χ^2/NDF : 120479.3/22

+ sign 2020.103+/-0.288 χ^2/NDF : 923510.6/42

All: 2023.907+/-0.204 χ^2/NDF : 1956793.4/85

- sign 2027.776+/-0.290 χ^2/NDF : 1032930.1/42

dit_asym_at1_dd_mean vs Slug



Right In: -181.800 ± 781.340 χ^2/NDF : 14.0/17

Left Out: -838.942 ± 431.425 χ^2/NDF : 26.4/24

Right Out: 1318.876 ± 751.522 χ^2/NDF : 18.3/19

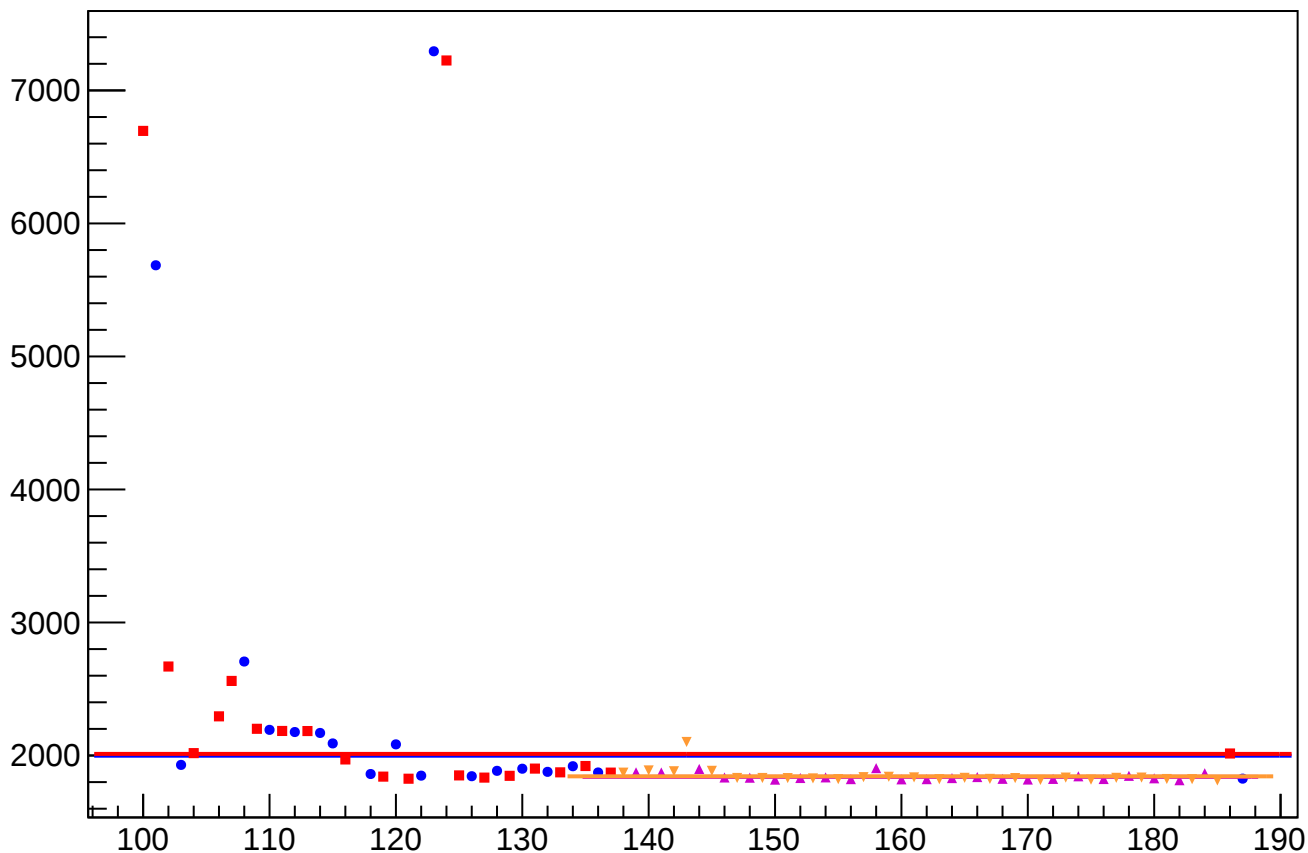
Left In: 428.835 ± 439.548 χ^2/NDF : 33.8/22

+ sign -685.403 ± 377.676 χ^2/NDF : 40.9/42

All: -17.937 ± 267.671 χ^2/NDF : 100.3/85

- sign 655.696 ± 379.417 χ^2/NDF : 53.1/42

dit_asym_at1_dd_rms vs Slug



Right In: 1998.631 $\pm$ 0.552 χ^2 /NDF: 636911.9/17

Left Out: 1843.383 $\pm$ 0.305 χ^2 /NDF: 24499.6/24

Right Out: 2011.977 $\pm$ 0.531 χ^2 /NDF: 377956.9/19

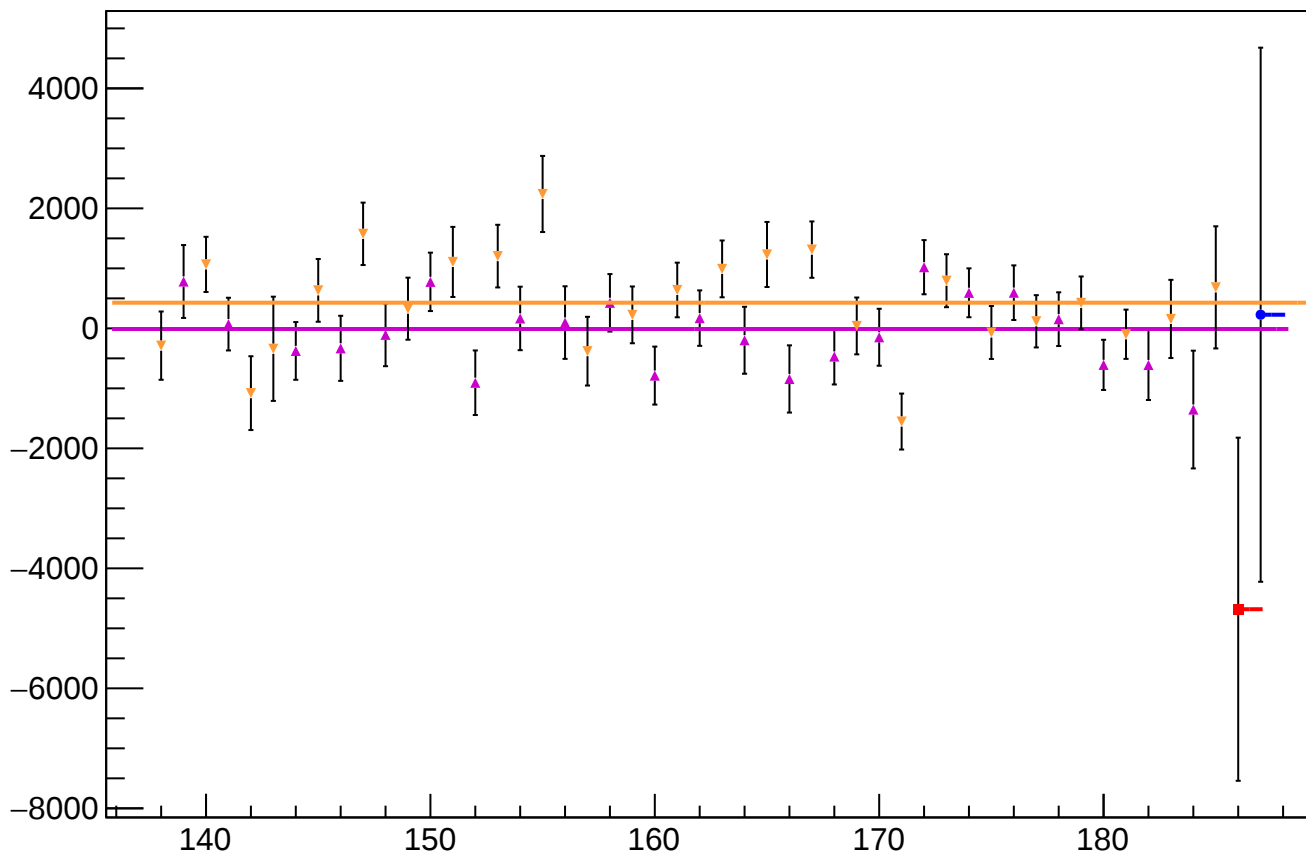
Left In: 1839.374 $\pm$ 0.311 χ^2 /NDF: 6441.8/22

+ sign 1879.656 $\pm$ 0.267 χ^2 /NDF: 721921.9/42

All: 1881.504 $\pm$ 0.189 χ^2 /NDF: 1185024.3/85

- sign 1883.368 $\pm$ 0.268 χ^2 /NDF: 463006.2/42

asym_at1_dd_correction_mean vs Slug



Right In: 227.348 $\pm$ 4451.159 χ^2 /NDF: 0.0/0

Left Out: 428.039 $\pm$ 102.219 χ^2 /NDF: 59.7/24

Right Out: -4681.303 $\pm$ 2859.696 χ^2 /NDF: 0.0/0

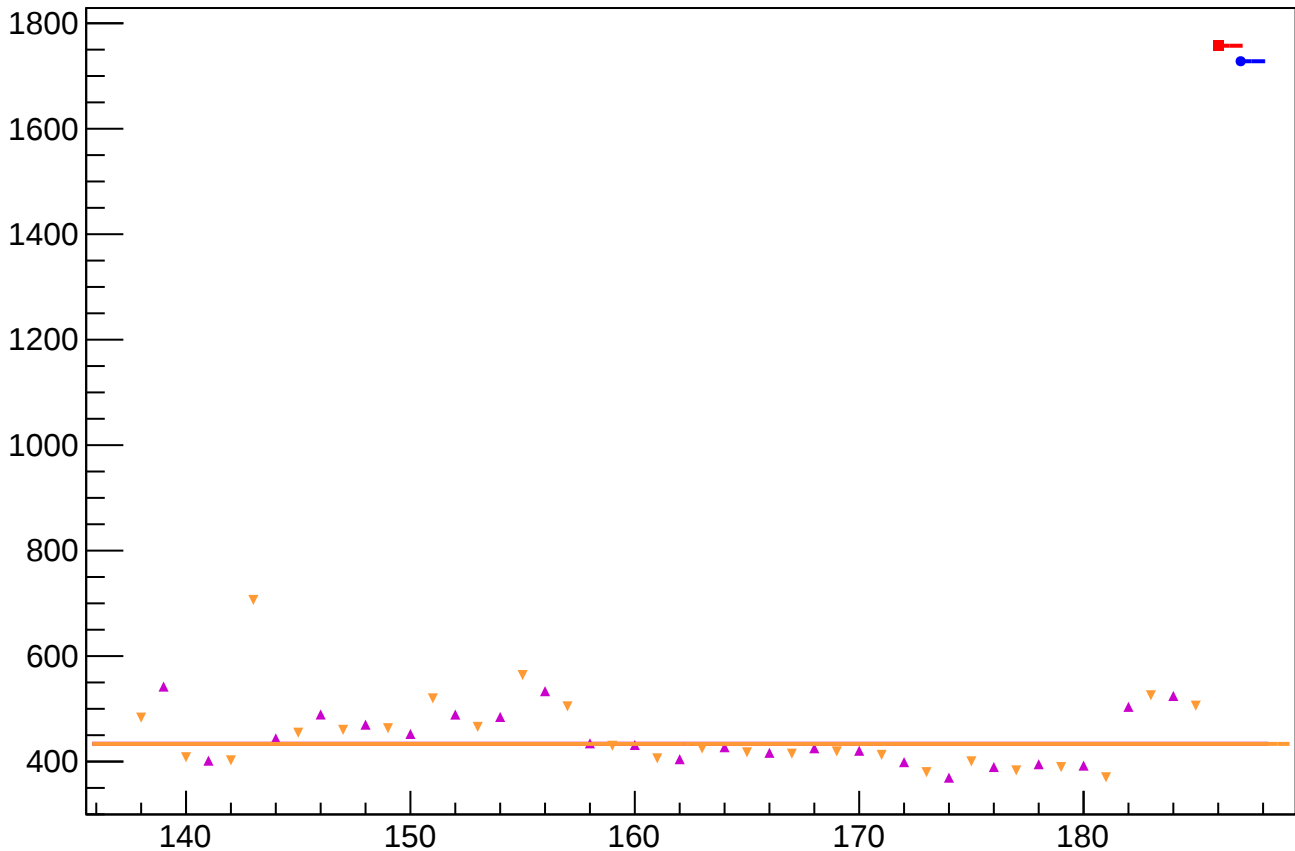
Left In: -10.733 $\pm$ 104.001 χ^2 /NDF: 29.4/22

+ sign 427.933 $\pm$ 102.192 χ^2 /NDF: 59.7/25

All: 209.271 $\pm$ 72.868 χ^2 /NDF: 101.1/49

- sign -16.903 $\pm$ 103.933 χ^2 /NDF: 32.1/23

asym_at1_dd_correction_rms vs Slug



Right In: 1727.985+/-3.147 χ^2/NDF : 0.0/0

Left Out: 433.495+/-0.072 χ^2/NDF : 609803.4/24

Right Out: 1757.391+/-2.022 χ^2/NDF : 0.0/0

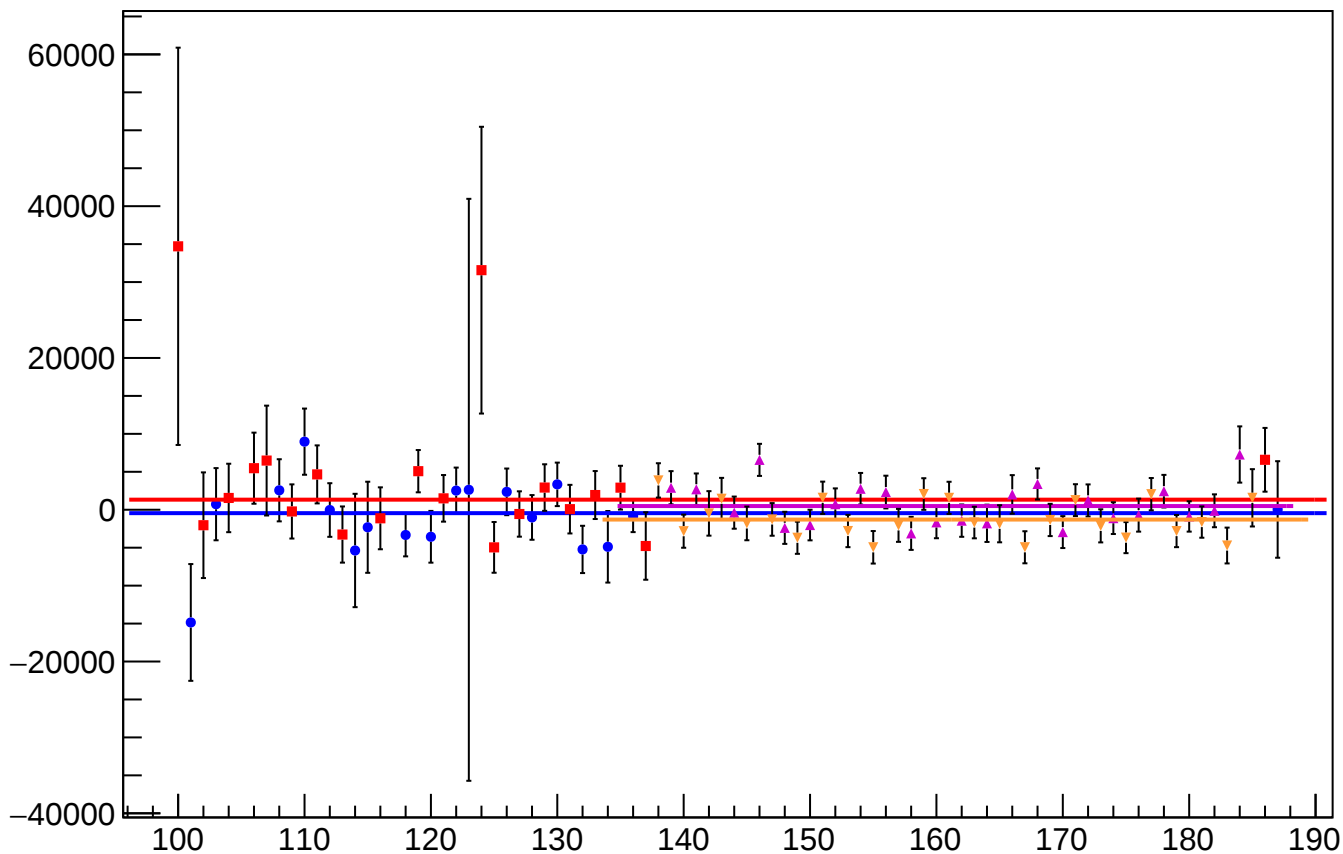
Left In: 433.740+/-0.074 χ^2/NDF : 376130.7/22

+ sign 434.177+/-0.072 χ^2/NDF : 778867.8/25

All: 434.822+/-0.052 χ^2/NDF : 1583080.9/49

- sign 435.489+/-0.073 χ^2/NDF : 804051.0/23

asym_at1_dd_mean vs Slug



Right In: -449.325 ± 857.257 χ^2/NDF : 18.1/17

Left Out: -1294.152 ± 444.151 χ^2/NDF : 29.6/24

Right Out: 1328.215 ± 849.251 χ^2/NDF : 18.5/19

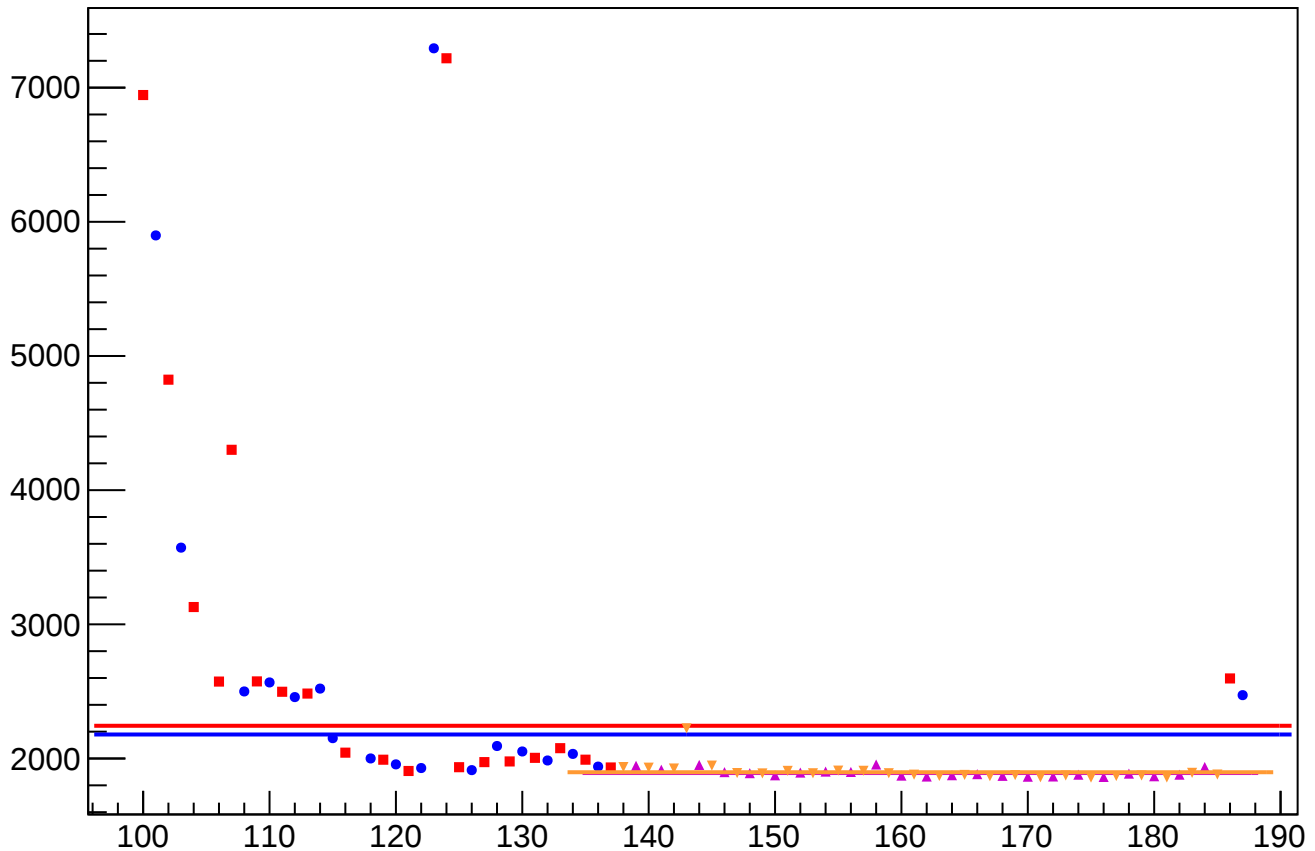
Left In: 485.827 ± 452.020 χ^2/NDF : 32.4/22

+ sign -1115.363 ± 394.364 χ^2/NDF : 48.5/42

All: -232.274 ± 280.489 χ^2/NDF : 110.3/85

- sign 671.791 ± 399.019 χ^2/NDF : 51.7/42

asym_at1_dd_rms vs Slug



Right In: 2178.956+/-0.606 χ^2/NDF : 809692.6/17

Left Out: 1897.670+/-0.314 χ^2/NDF : 35089.1/24

Right Out: 2243.929+/-0.601 χ^2/NDF : 910574.0/19

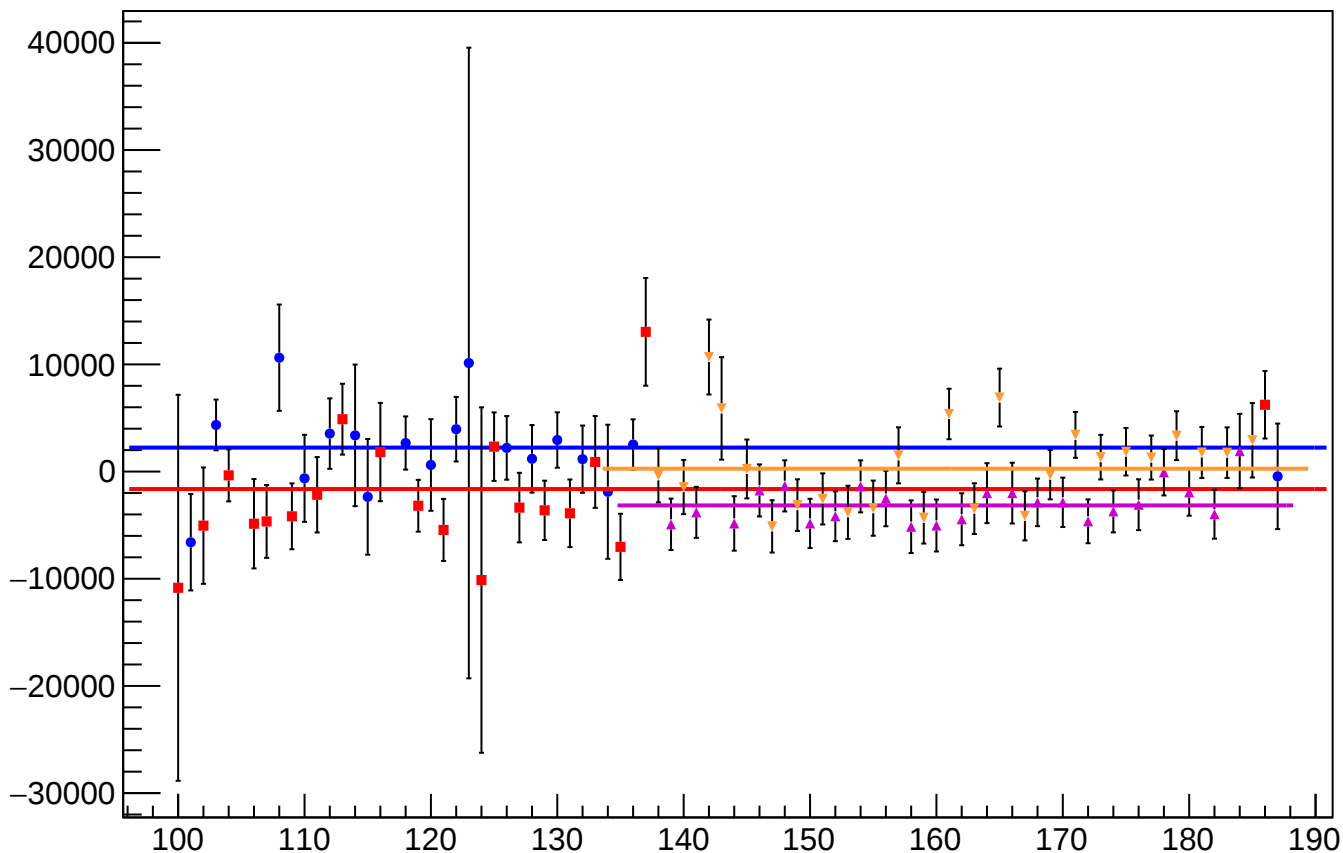
Left In: 1891.722+/-0.320 χ^2/NDF : 7584.2/22

+ sign 1957.198+/-0.279 χ^2/NDF : 1014541.5/42

All: 1963.264+/-0.198 χ^2/NDF : 2201715.0/85

- sign 1969.475+/-0.282 χ^2/NDF : 1186215.7/42

dit_asym_at2_avg_mean vs Slug



Right In: 2236.343 ± 810.703 χ^2/NDF : 10.5/17

Left Out: 268.346 ± 492.855 χ^2/NDF : 51.0/24

Right Out: -1630.293 ± 768.002 χ^2/NDF : 30.9/19

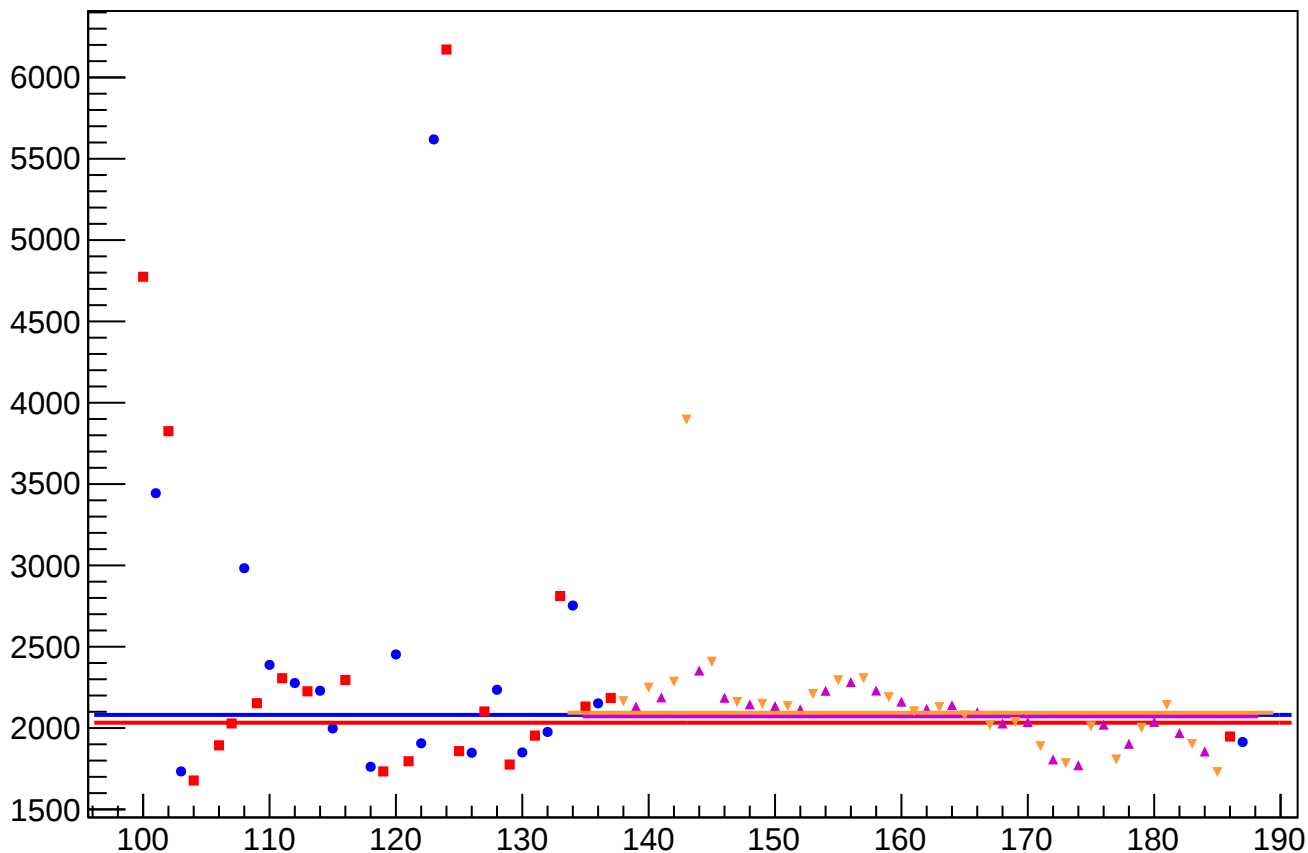
Left In: -3158.539 ± 495.573 χ^2/NDF : 10.4/22

+ sign 799.414 ± 421.138 χ^2/NDF : 65.9/42

All: -974.750 ± 296.103 χ^2/NDF : 145.1/85

- sign -2709.273 ± 416.406 χ^2/NDF : 44.2/42

dit_asym_at2_avg_rms vs Slug



Right In: 2080.825 ± 0.573 $\chi^2/\text{NDF}: 459419.8/17$

Left Out: 2093.807 ± 0.349 $\chi^2/\text{NDF}: 509405.6/24$

Right Out: 2032.692 ± 0.543 $\chi^2/\text{NDF}: 610753.1/19$

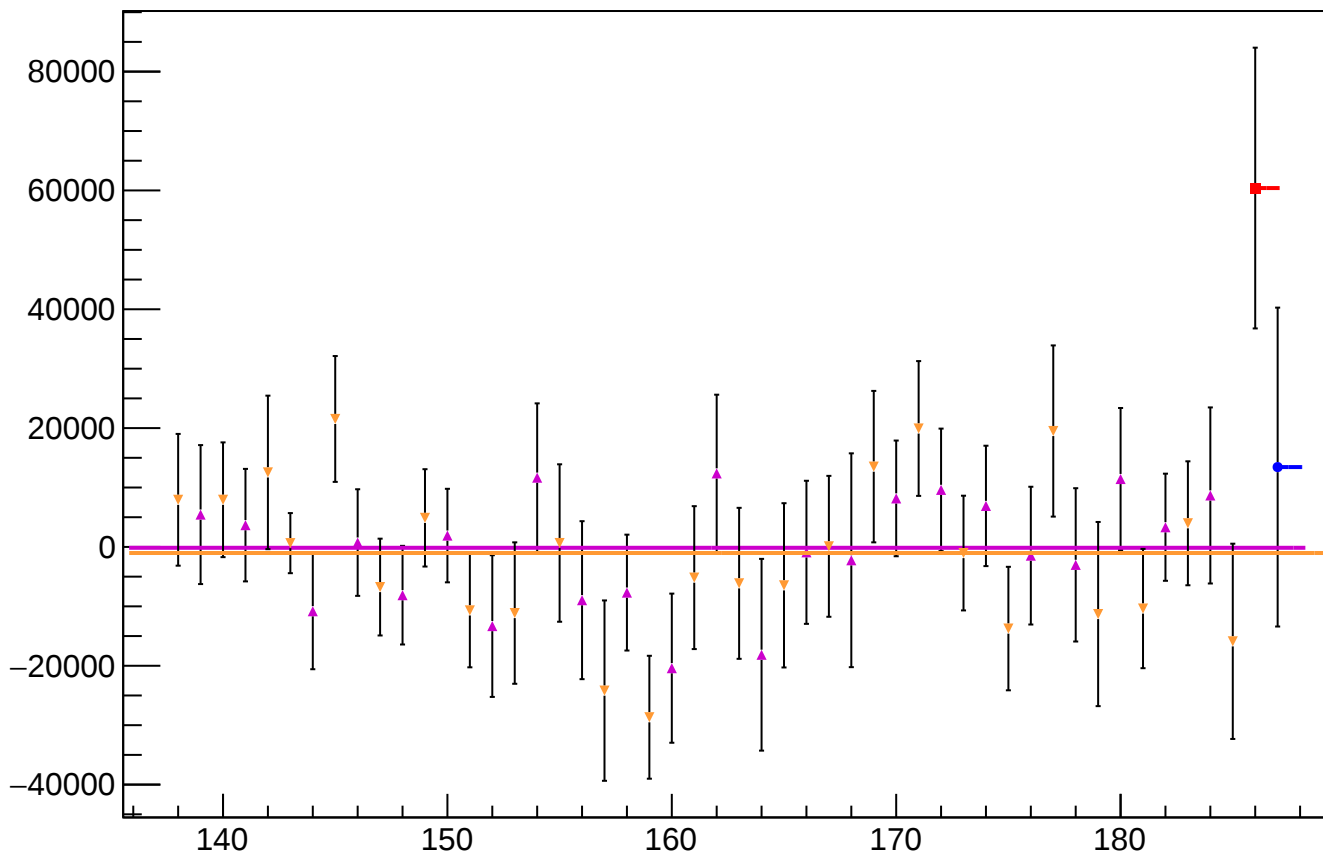
Left In: 2071.878 ± 0.350 $\chi^2/\text{NDF}: 181281.6/22$

+ sign 2090.304 ± 0.298 $\chi^2/\text{NDF}: 969199.9/42$

All: 2075.160 ± 0.209 $\chi^2/\text{NDF}: 1770026.3/85$

- sign 2060.355 ± 0.294 $\chi^2/\text{NDF}: 795712.0/42$

asym_at2_avg_correction_mean vs Slug



Right In: 13440.796 $\pm$ 26835.566 χ^2 /NDF: 0.0/0

Left Out: -1020.828 $\pm$ 2079.143 χ^2 /NDF:30.5/24

Right Out: 60400.401 $\pm$ 23627.039 χ^2 /NDF: 0.0/0

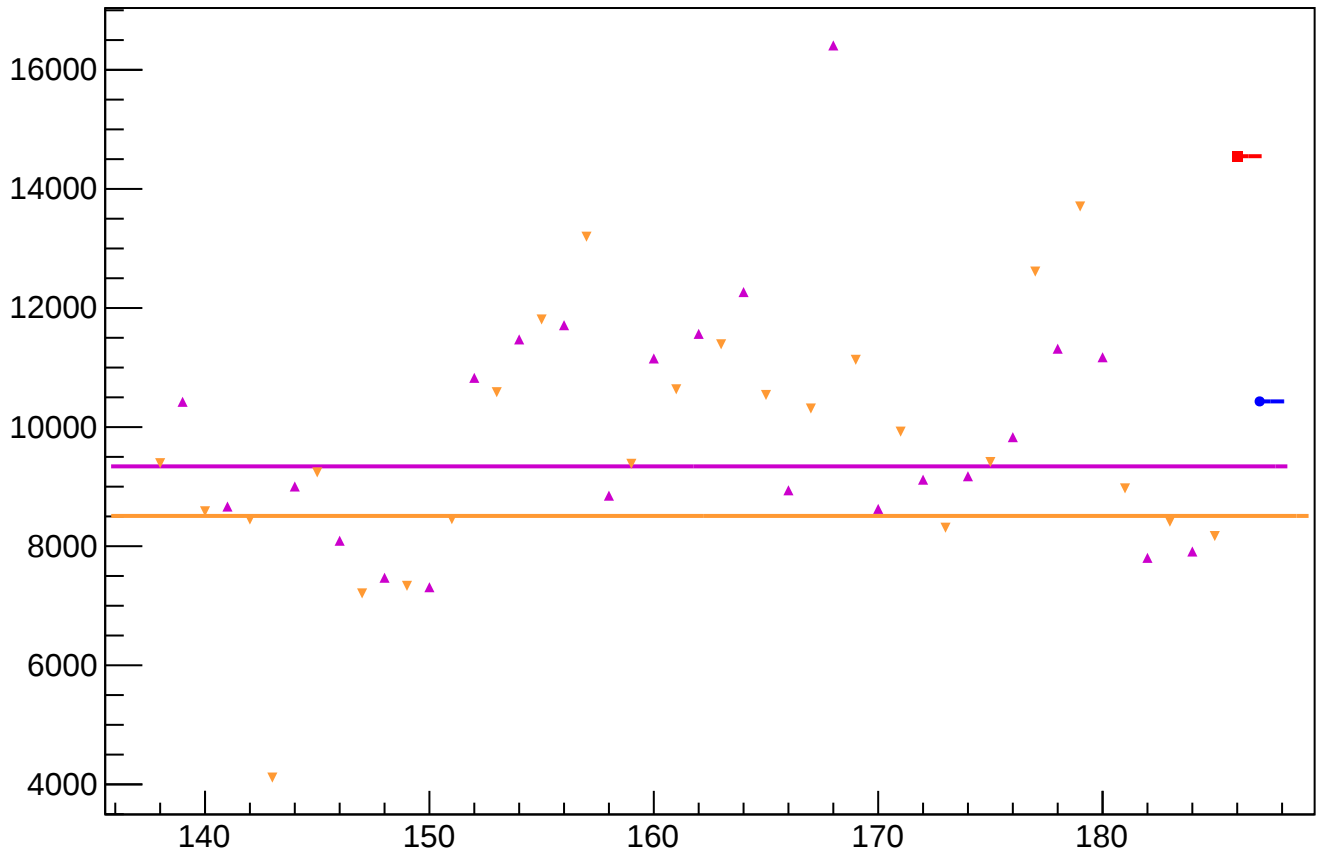
Left In: -143.328 $\pm$ 2267.278 χ^2 /NDF:14.1/22

+ sign -934.537 $\pm$ 2072.930 χ^2 /NDF: 30.8/25

All: -319.706 $\pm$ 1526.688 χ^2 /NDF: 51.6/49

- sign 409.105 $\pm$ 2256.910 χ^2 /NDF: 20.6/23

asym_at2_avg_correction_rms vs Slug



Right In: 10431.753 $\pm$ 18.976 χ^2 /NDF: 0.0/0

Left Out: 8508.371 $\pm$ 1.470 χ^2 /NDF: 2793100.6/24

Right Out: 14549.704 $\pm$ 16.707 χ^2 /NDF: 0.0/0

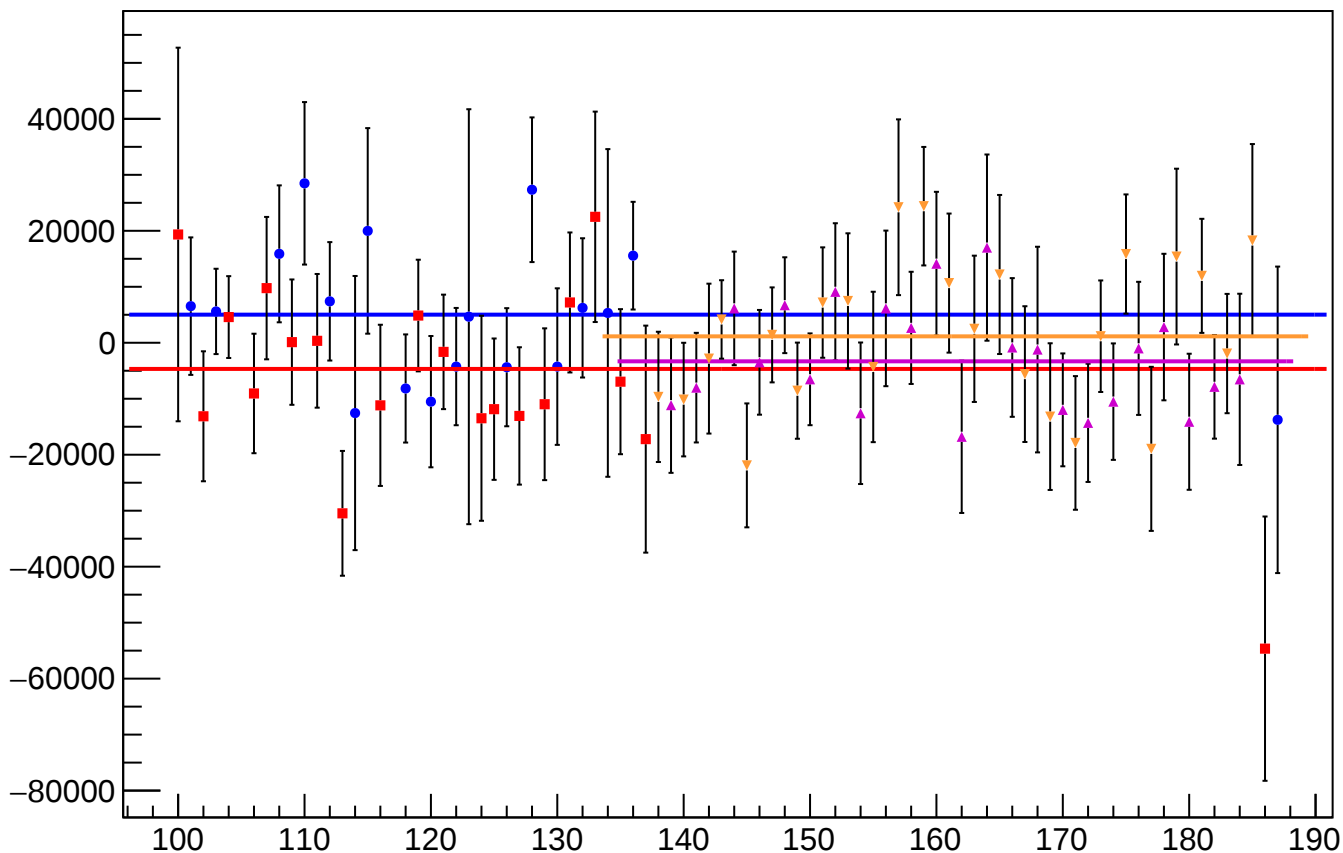
Left In: 9340.671 $\pm$ 1.603 χ^2 /NDF: 1122275.5/22

+ sign 8519.848 $\pm$ 1.466 χ^2 /NDF: 2803313.2/25

All: 8917.194 $\pm$ 1.080 χ^2 /NDF: 4182507.4/49

- sign 9388.201 $\pm$ 1.596 χ^2 /NDF: 1218601.8/23

asym_at2_avg_mean vs Slug



Right In: 5020.947 $\pm$ 2929.250 χ^2 /NDF: 15.0/17

Left Out: 1145.185 $\pm$ 2232.341 χ^2 /NDF:27.9/24

Right Out: -4674.315 $\pm$ 2771.128 χ^2 /NDF: 20.2/19

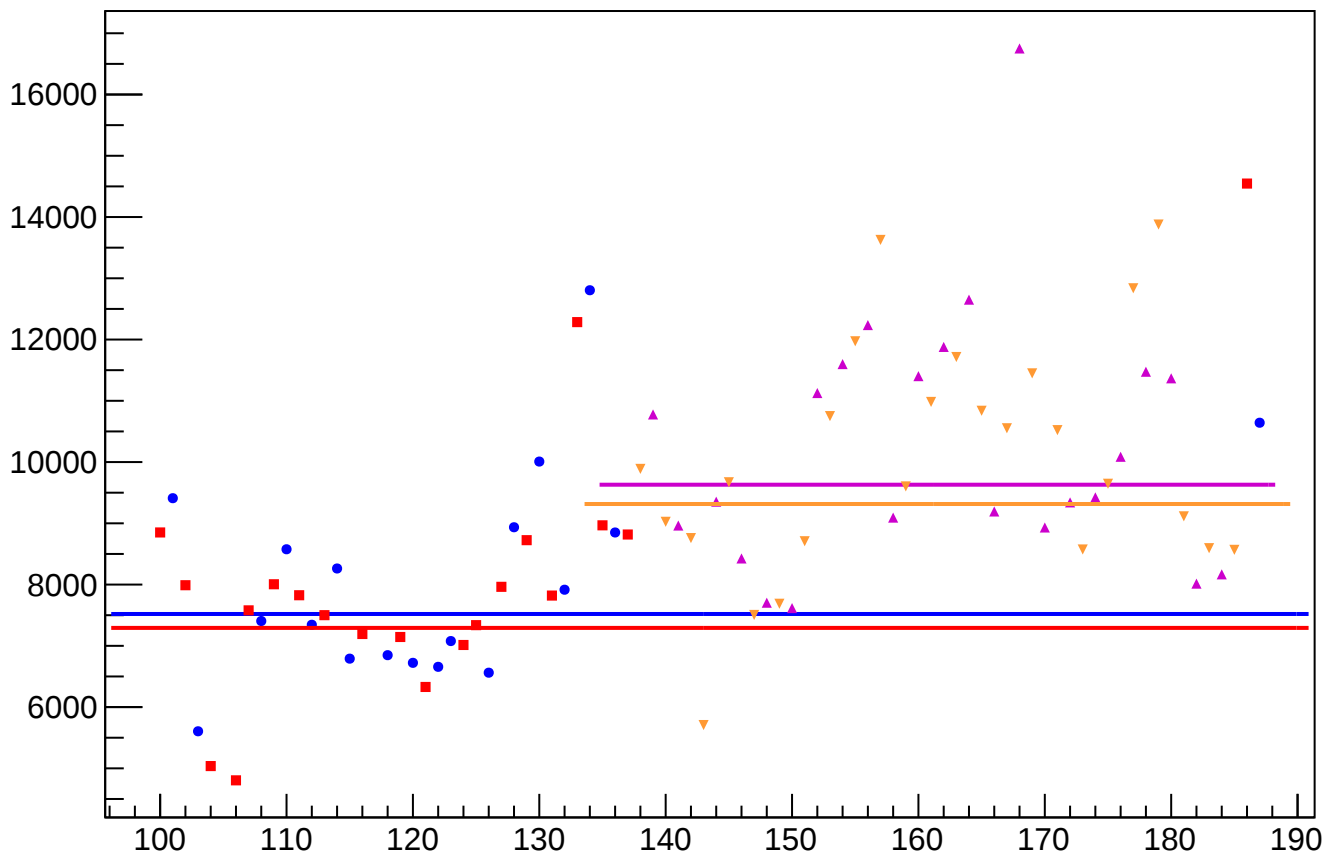
Left In: -3316.960 $\pm$ 2336.196 χ^2 /NDF:13.4/22

+ sign 2569.136 $\pm$ 1775.520 χ^2 /NDF: 43.9/42

All: -636.617 $\pm$ 1259.224 χ^2 /NDF: 84.2/85

- sign -3880.879 $\pm$ 1786.152 χ^2 /NDF: 33.7/42

asym_at2_avg_rms vs Slug



Right In: 7519.943 ± 2.071 χ^2/NDF : 458121.6/17

Left Out: 9315.396 ± 1.579 χ^2/NDF : 1503512.6/24

Right Out: 7292.781 ± 1.959 χ^2/NDF : 750230.7/19

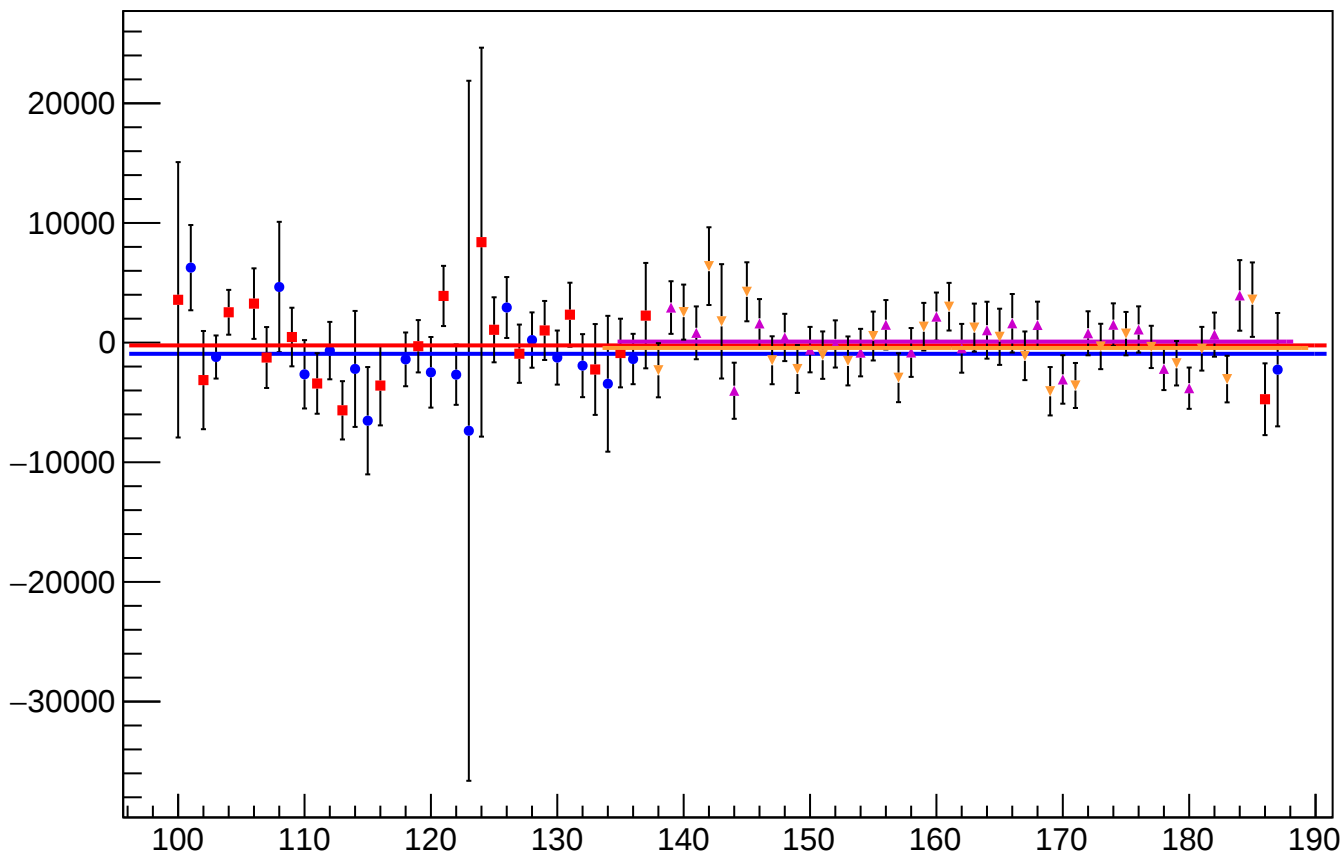
Left In: 9630.345 ± 1.652 χ^2/NDF : 1074643.5/22

+ sign 8655.728 ± 1.255 χ^2/NDF : 2436978.9/42

All: 8657.379 ± 0.890 χ^2/NDF : 5093862.2/85

- sign 8659.049 ± 1.263 χ^2/NDF : 2656879.8/42

dit_asym_at2_dd_mean vs Slug



Right In: -935.737+/-664.719 χ^2/NDF : 11.0/17

Left Out: -445.526+/-418.017 χ^2/NDF : 28.9/24

Right Out: -232.761+/-627.913 χ^2/NDF : 19.4/19

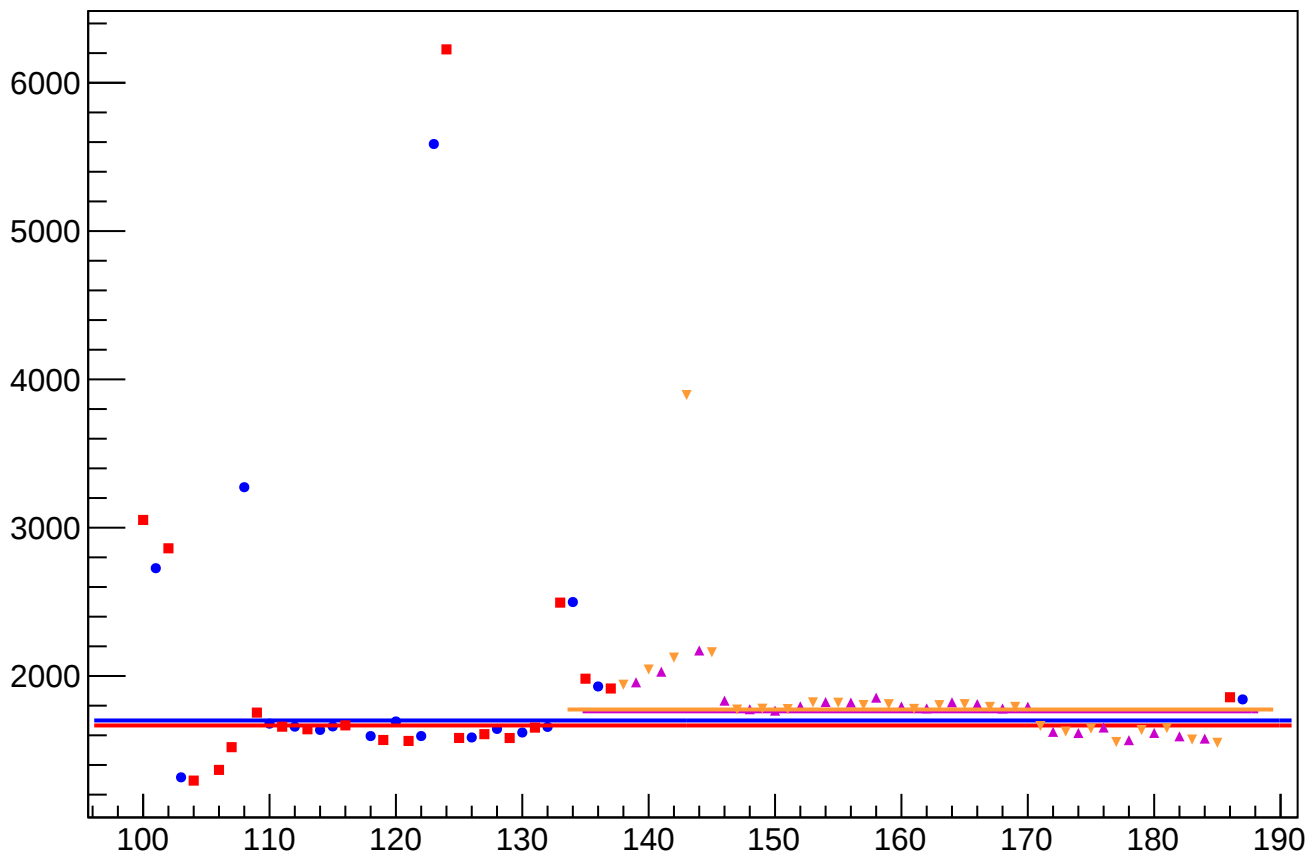
Left In: 85.195+/-421.350 χ^2/NDF : 20.7/22

+ sign -584.449+/-353.862 χ^2/NDF : 40.3/42

All: -295.754+/-248.798 χ^2/NDF : 81.9/85

- sign -13.524+/-349.878 χ^2/NDF : 40.2/42

dit_asym_at2_dd_rms vs Slug



Right In: 1700.091+/-0.470 χ^2/NDF : 541559.3/17

Left Out: 1774.084+/-0.296 χ^2/NDF : 621530.1/24

Right Out: 1666.435+/-0.444 χ^2/NDF : 611420.4/19

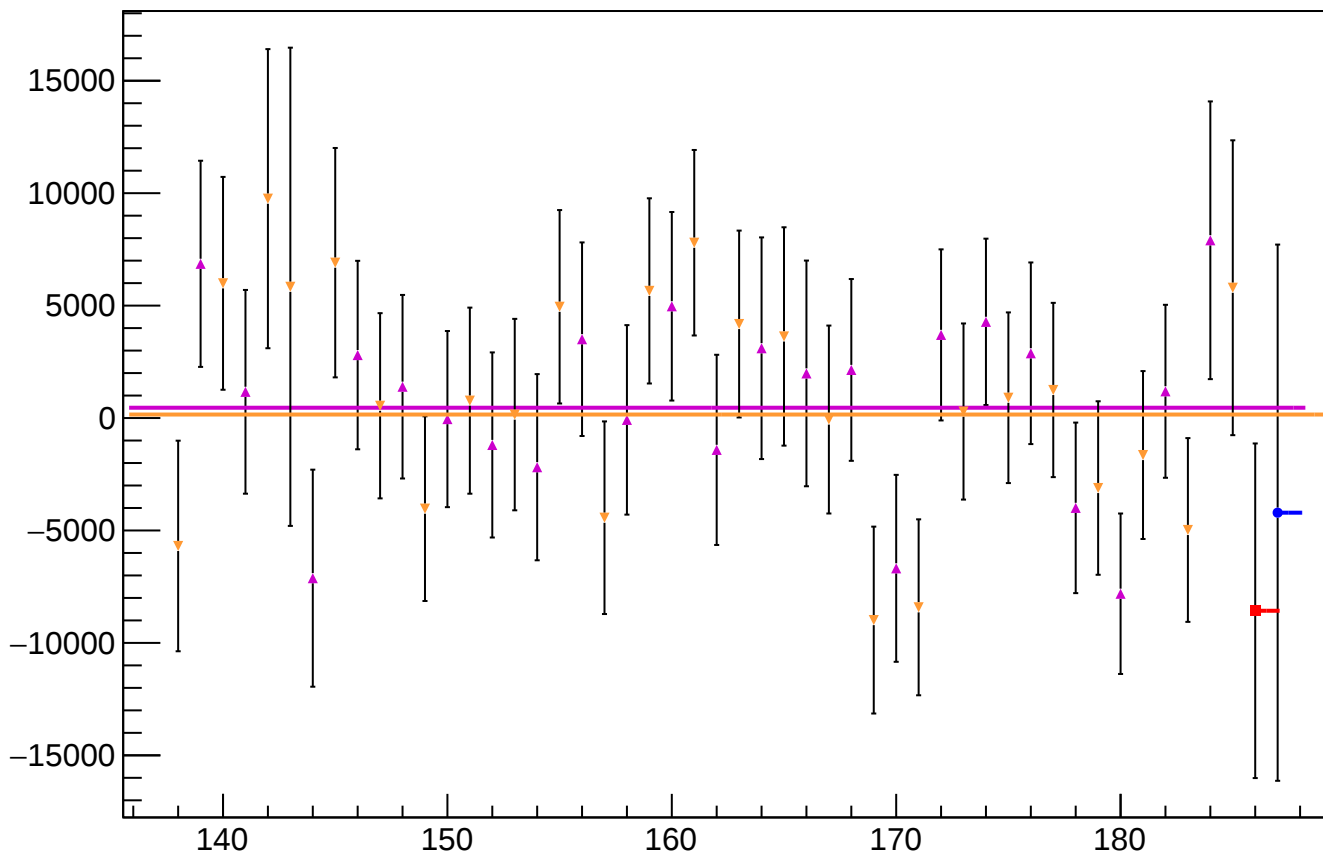
Left In: 1761.787+/-0.298 χ^2/NDF : 214639.5/22

+ sign 1753.115+/-0.250 χ^2/NDF : 1180848.2/42

All: 1742.530+/-0.176 χ^2/NDF : 2042248.3/85

- sign 1732.182+/-0.247 χ^2/NDF : 857861.3/42

asym_at2_dd_correction_mean vs Slug



Right In: -4209.056 ± 11923.182 χ^2/NDF : 0.0/0

Left Out: 156.218 ± 869.587 χ^2/NDF : 30.4/24

Right Out: -8570.657 ± 7440.291 χ^2/NDF : 0.0/0

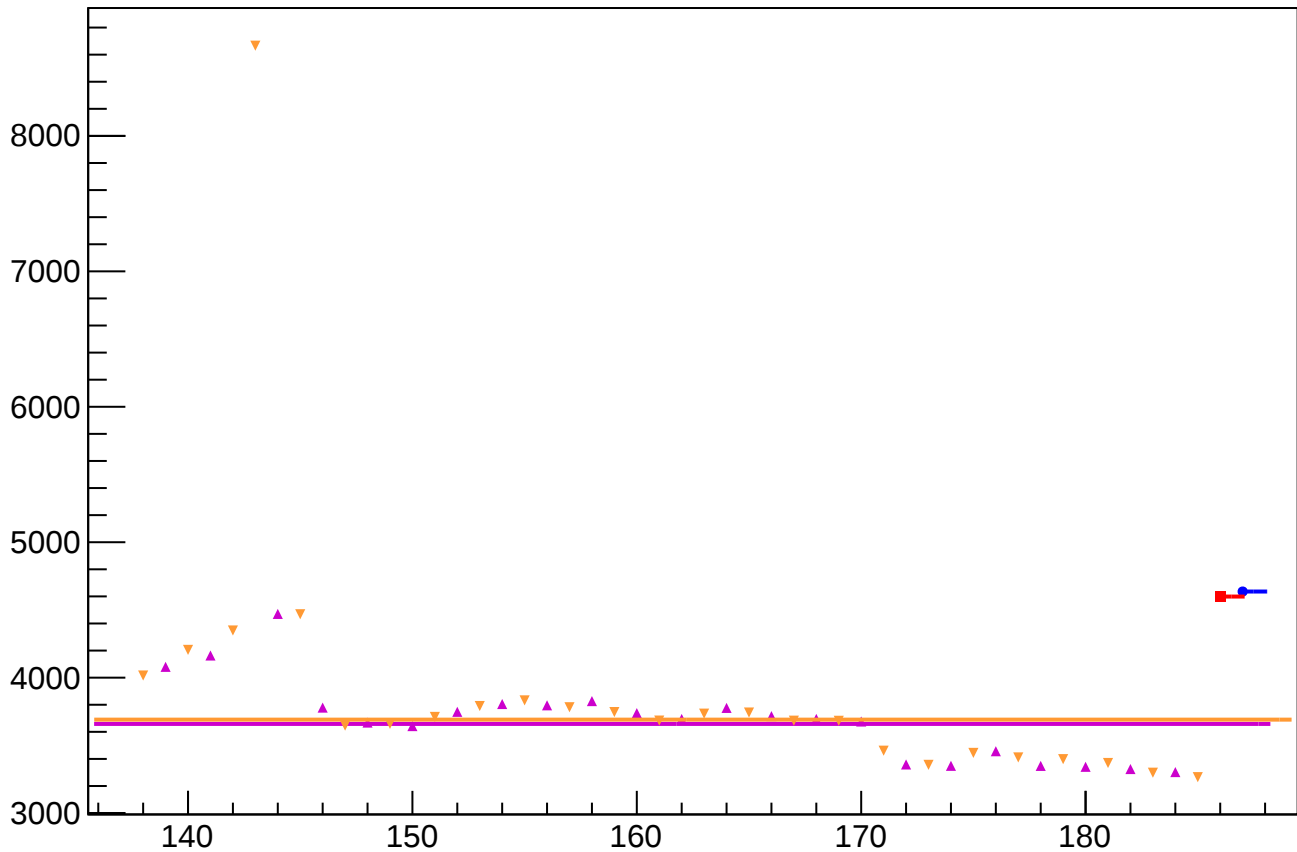
Left In: 458.566 ± 874.634 χ^2/NDF : 21.2/22

+ sign 133.122 ± 867.283 χ^2/NDF : 30.5/25

All: 234.147 ± 613.746 χ^2/NDF : 53.1/49

- sign 335.493 ± 868.653 χ^2/NDF : 22.6/23

asym_at2_dd_correction_rms vs Slug



Right In: 4635.933+/-8.431 χ^2 /NDF: 0.0/0

Left Out: 3690.073+/-0.615 χ^2 /NDF:635939.2/24

Right Out: 4598.812+/-5.261 χ^2 /NDF: 0.0/0

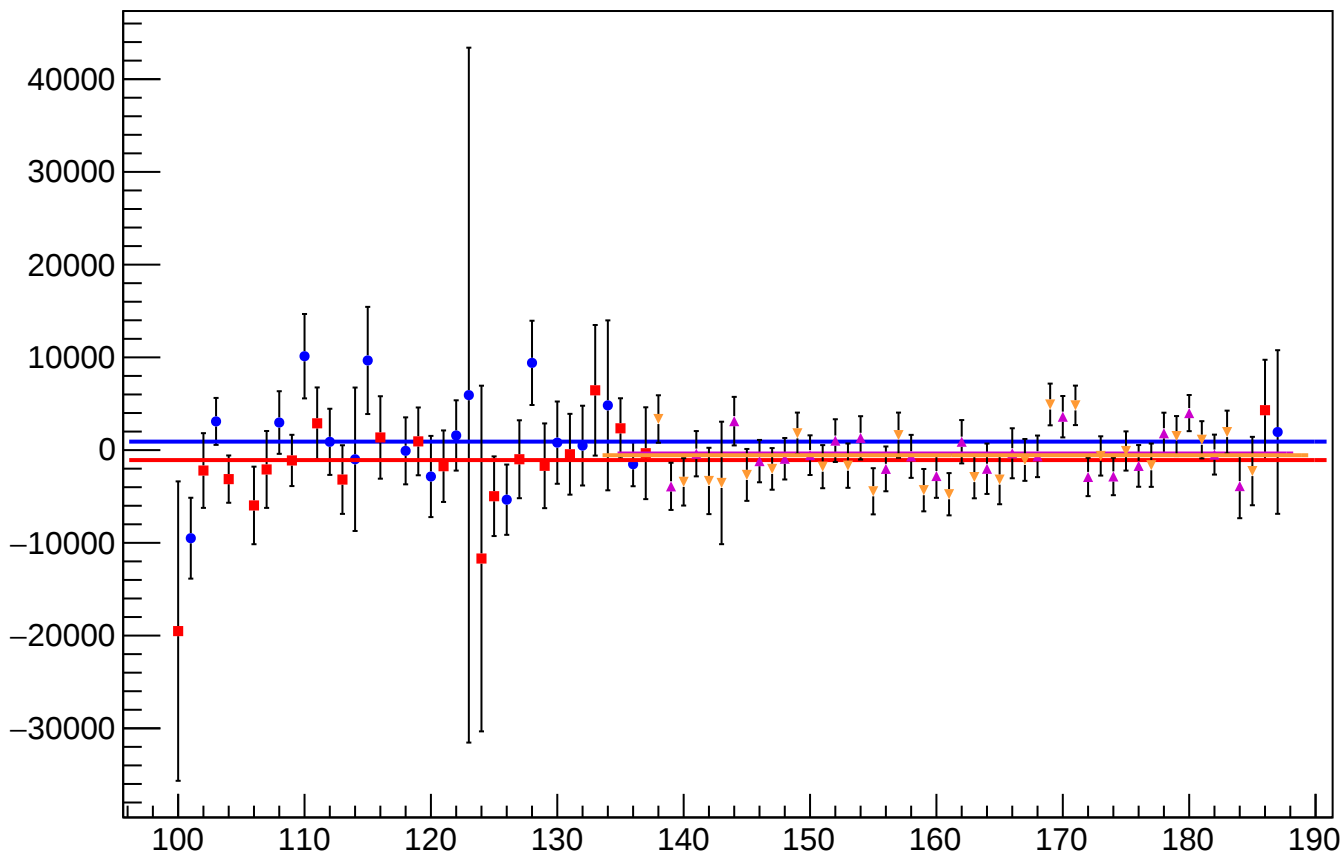
Left In: 3658.346+/-0.618 χ^2 /NDF:193399.4/22

+ sign 3695.078+/-0.613 χ^2 /NDF: 648458.9/25

All: 3683.140+/-0.434 χ^2 /NDF: 874136.6/49

- sign 3671.165+/-0.614 χ^2 /NDF: 224918.6/23

asym_at2_dd_mean vs Slug



Right In: 915.593 ± 956.250 χ^2/NDF : 21.6/17

Left Out: -551.411 ± 481.630 χ^2/NDF : 34.0/24

Right Out: -1075.279 ± 911.924 χ^2/NDF : 9.9/19

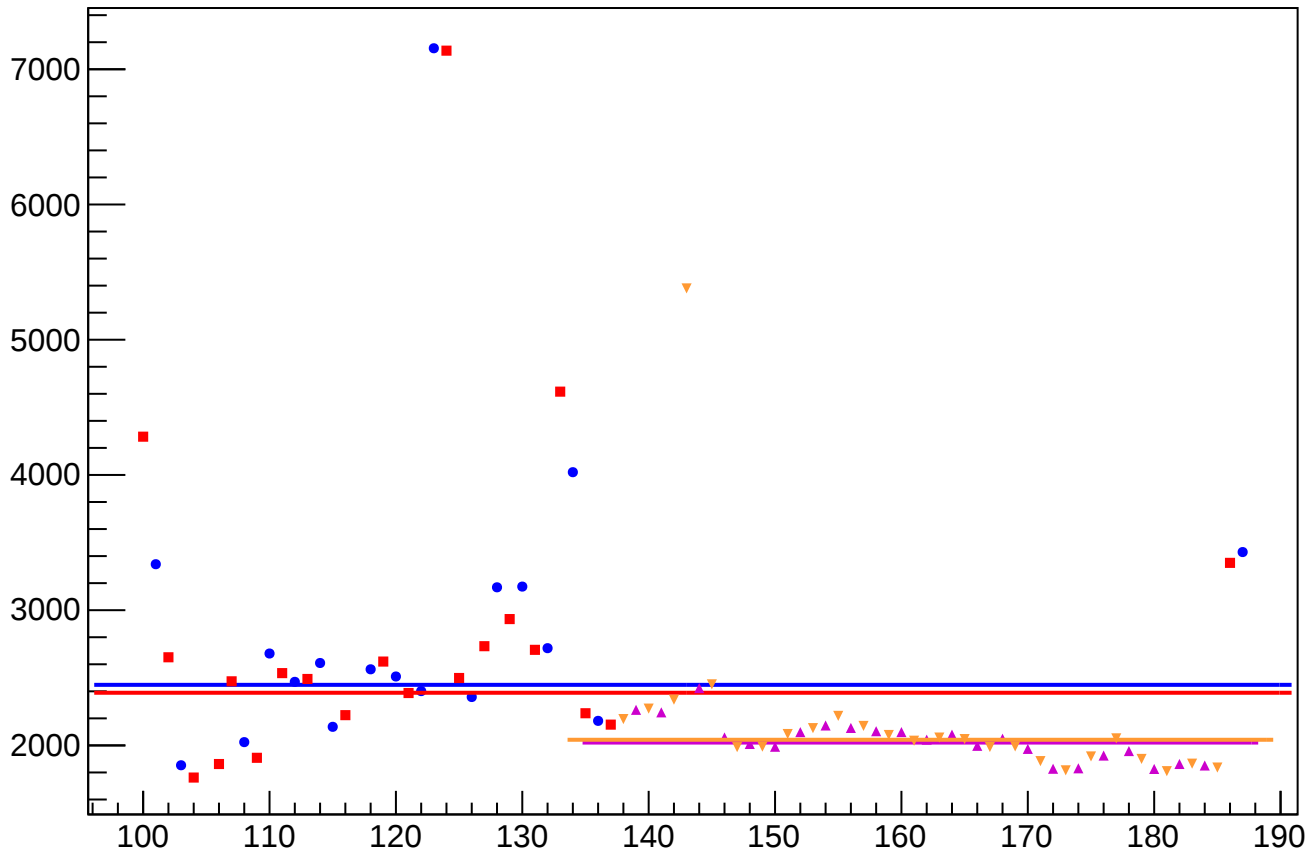
Left In: -366.243 ± 483.092 χ^2/NDF : 20.5/22

+ sign -254.567 ± 430.150 χ^2/NDF : 57.5/42

All: -389.109 ± 303.003 χ^2/NDF : 88.6/85

- sign -521.620 ± 426.891 χ^2/NDF : 30.9/42

asym_at2_dd_rms vs Slug



Right In: 2447.928+/-0.676 χ^2/NDF : 493619.1/17

Left Out: 2041.781+/-0.341 χ^2/NDF : 706854.2/24

Right Out: 2389.365+/-0.645 χ^2/NDF : 720082.8/19

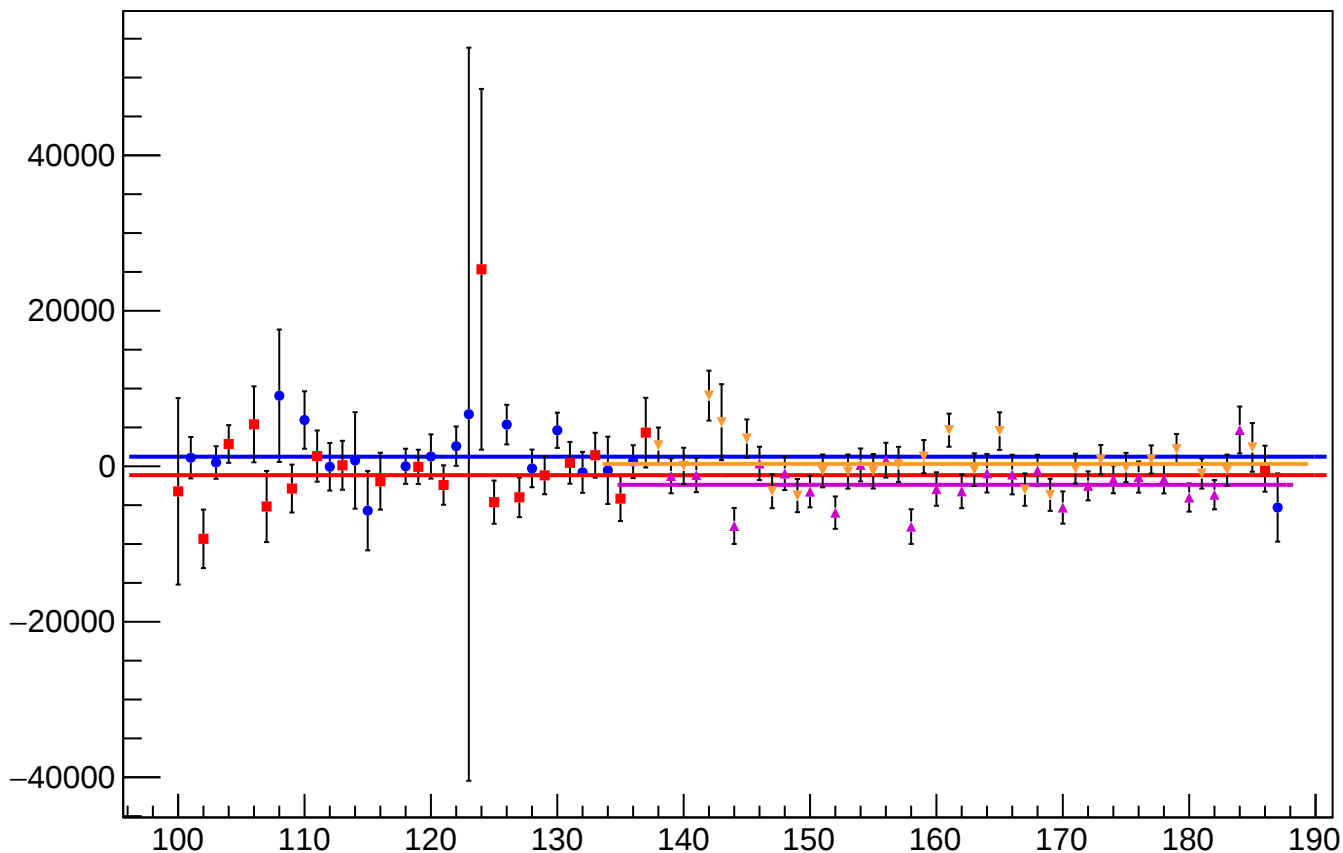
Left In: 2021.065+/-0.342 χ^2/NDF : 178726.2/22

+ sign 2123.964+/-0.304 χ^2/NDF : 1488259.1/42

All: 2112.785+/-0.214 χ^2/NDF : 2644486.6/85

- sign 2101.774+/-0.302 χ^2/NDF : 1153546.0/42

dit_asym_atl_avg_mean vs Slug



Right In: 1234.427 $\pm$ 691.004 χ^2 /NDF: 13.6/17

Left Out: 307.312 $\pm$ 435.678 χ^2 /NDF: 34.4/24

Right Out: -1143.165 $\pm$ 695.228 χ^2 /NDF: 19.5/19

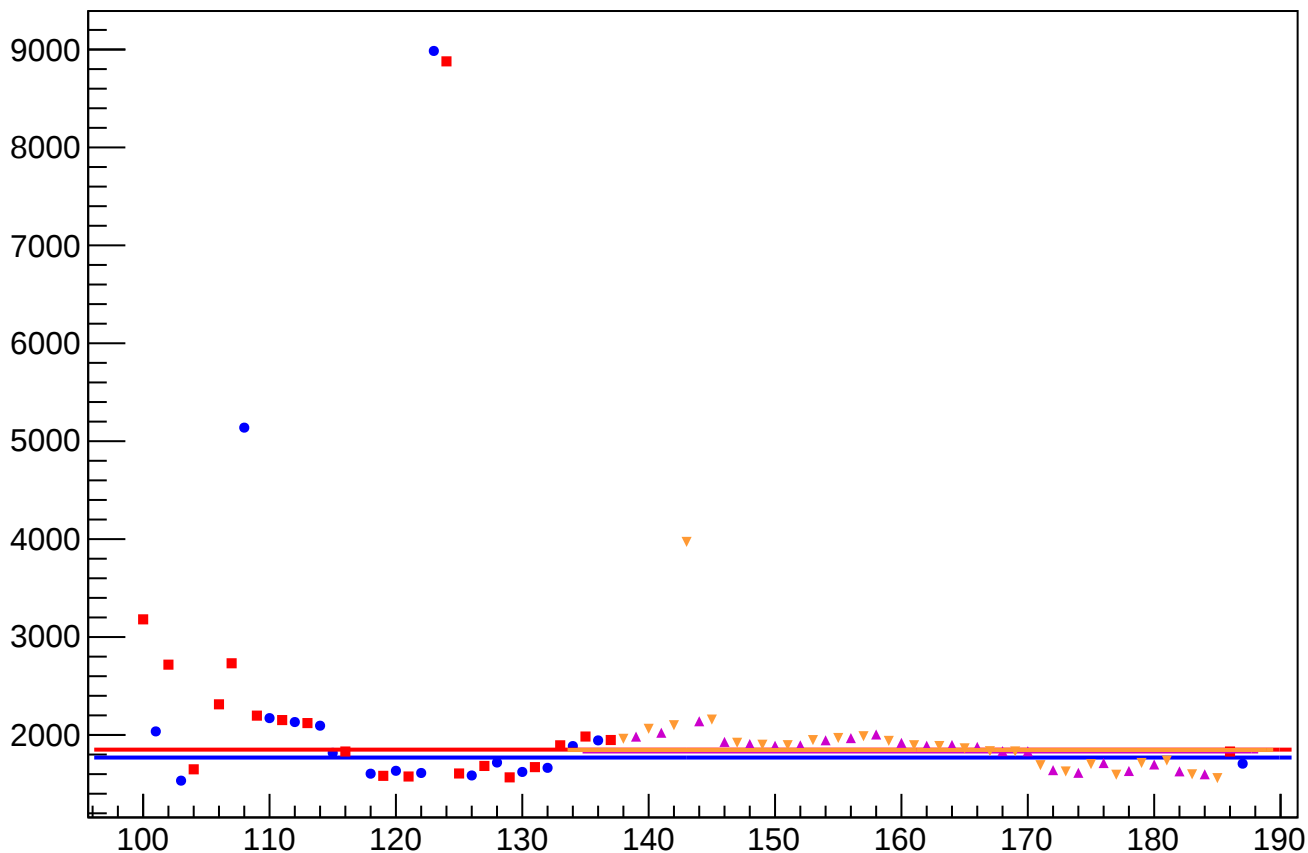
Left In: -2383.232 $\pm$ 438.943 χ^2 /NDF: 31.3/22

+ sign 571.032 $\pm$ 368.540 χ^2 /NDF: 49.2/42

All: -720.181 $\pm$ 261.518 χ^2 /NDF: 127.1/85

- sign -2029.799 $\pm$ 371.157 χ^2 /NDF: 53.1/42

dit_asym_atl_avg_rms vs Slug



Right In: 1769.376 $\pm$ 0.489 χ^2 /NDF: 524001.9/17

Left Out: 1846.193 $\pm$ 0.308 χ^2 /NDF: 626949.3/24

Right Out: 1850.249 $\pm$ 0.491 χ^2 /NDF: 598024.2/19

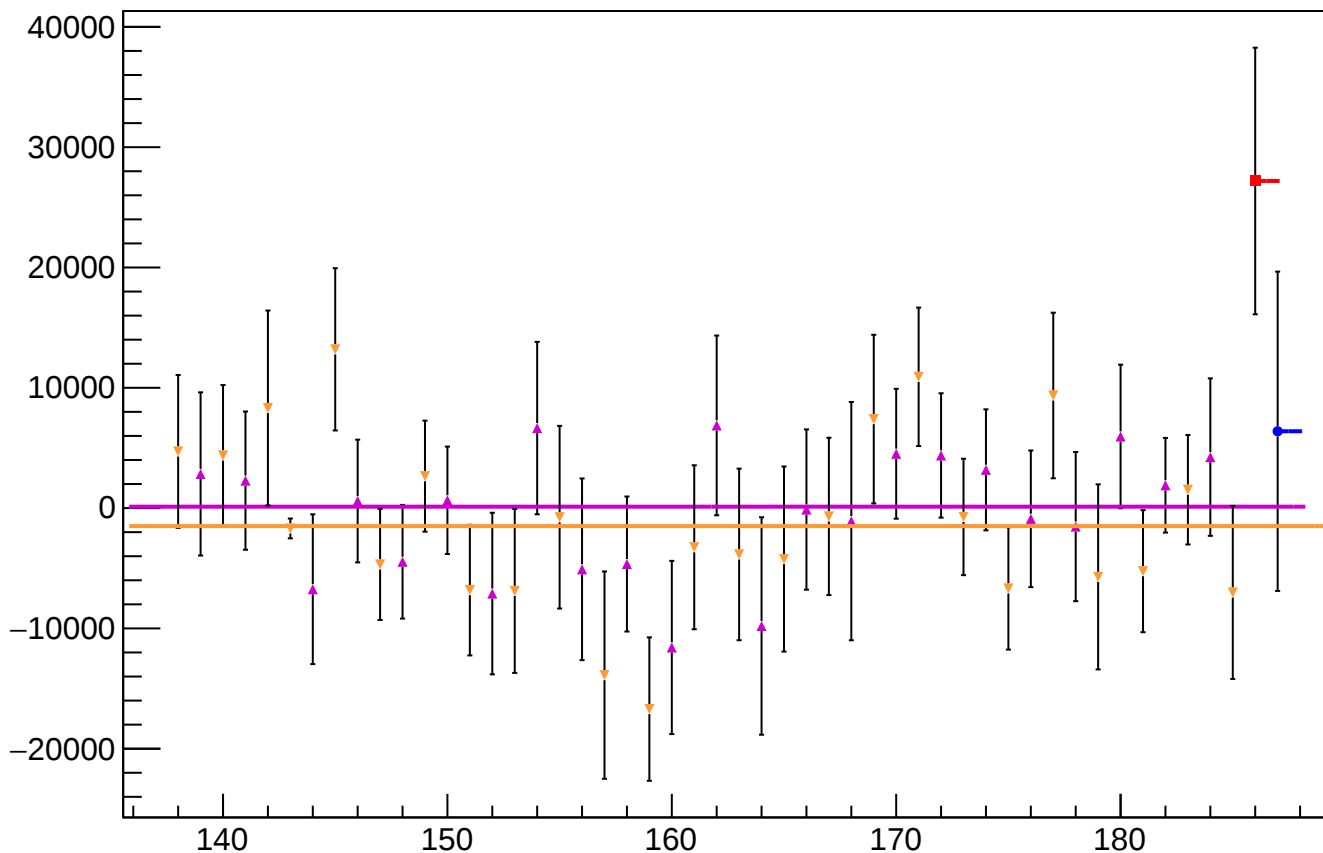
Left In: 1831.219 $\pm$ 0.310 χ^2 /NDF: 229043.3/22

+ sign 1824.342 $\pm$ 0.261 χ^2 /NDF: 1168636.9/42

All: 1830.455 $\pm$ 0.185 χ^2 /NDF: 1997885.6/85

- sign 1836.651 $\pm$ 0.262 χ^2 /NDF: 828140.7/42

asym_atl_avg_correction_mean vs Slug



Right In: 6386.349+/-13272.240 χ^2/NDF : 0.0/0

Left Out: -1493.254+/-684.837 χ^2/NDF :31.7/24

Right Out: 27190.036+/-11081.895 χ^2/NDF : 0.0/0

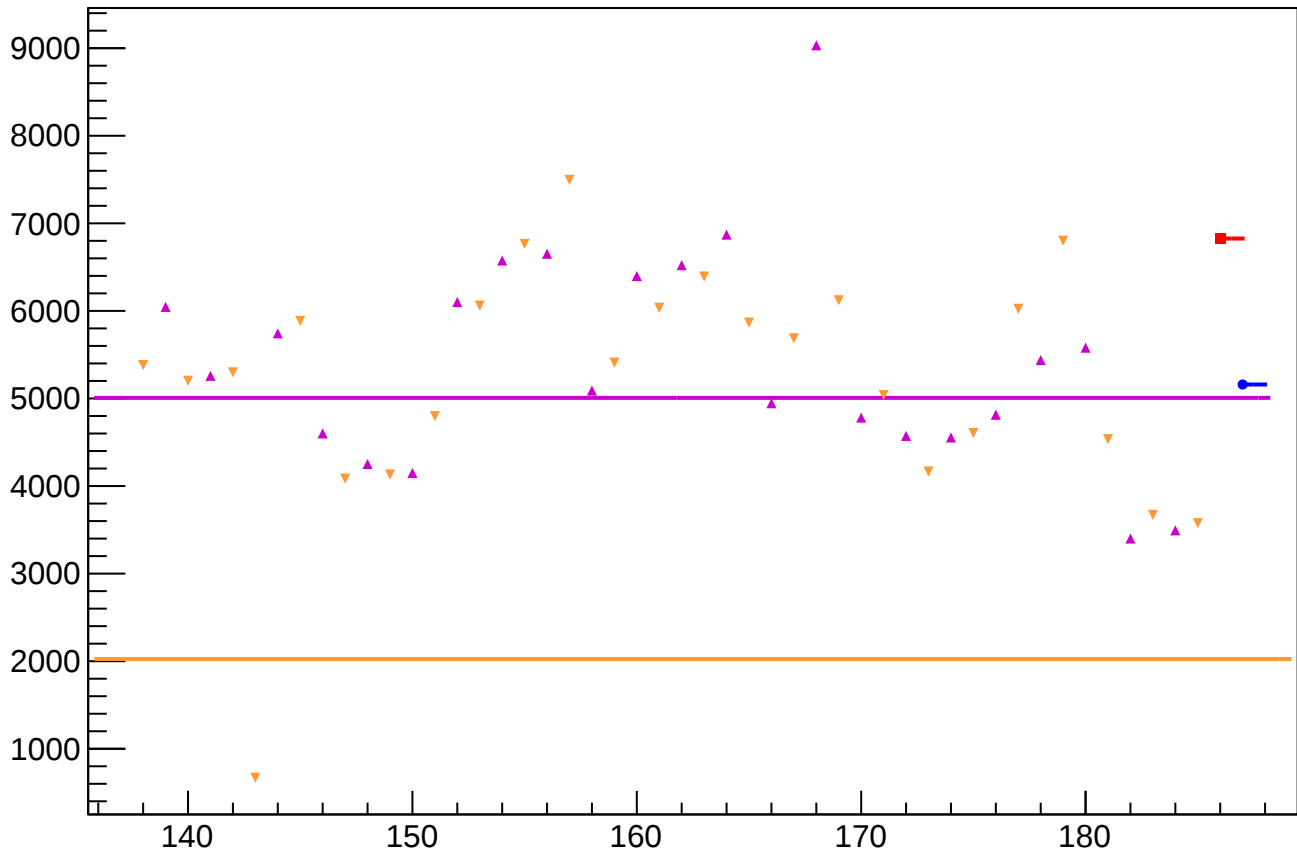
Left In: 118.284+/-1222.854 χ^2/NDF :13.7/22

+ sign -1472.330+/-683.927 χ^2/NDF : 32.0/25

All: -1011.512+/-596.048 χ^2/NDF : 53.5/49

- sign 443.957+/-1215.477 χ^2/NDF : 19.6/23

asym_atl_avg_correction_rms vs Slug



Right In: 5159.612+/-9.385 χ^2/NDF : 0.0/0

Left Out: 2024.652+/-0.484 χ^2/NDF :18819780.3/24

Right Out: 6826.556+/-7.836 χ^2/NDF : 0.0/0

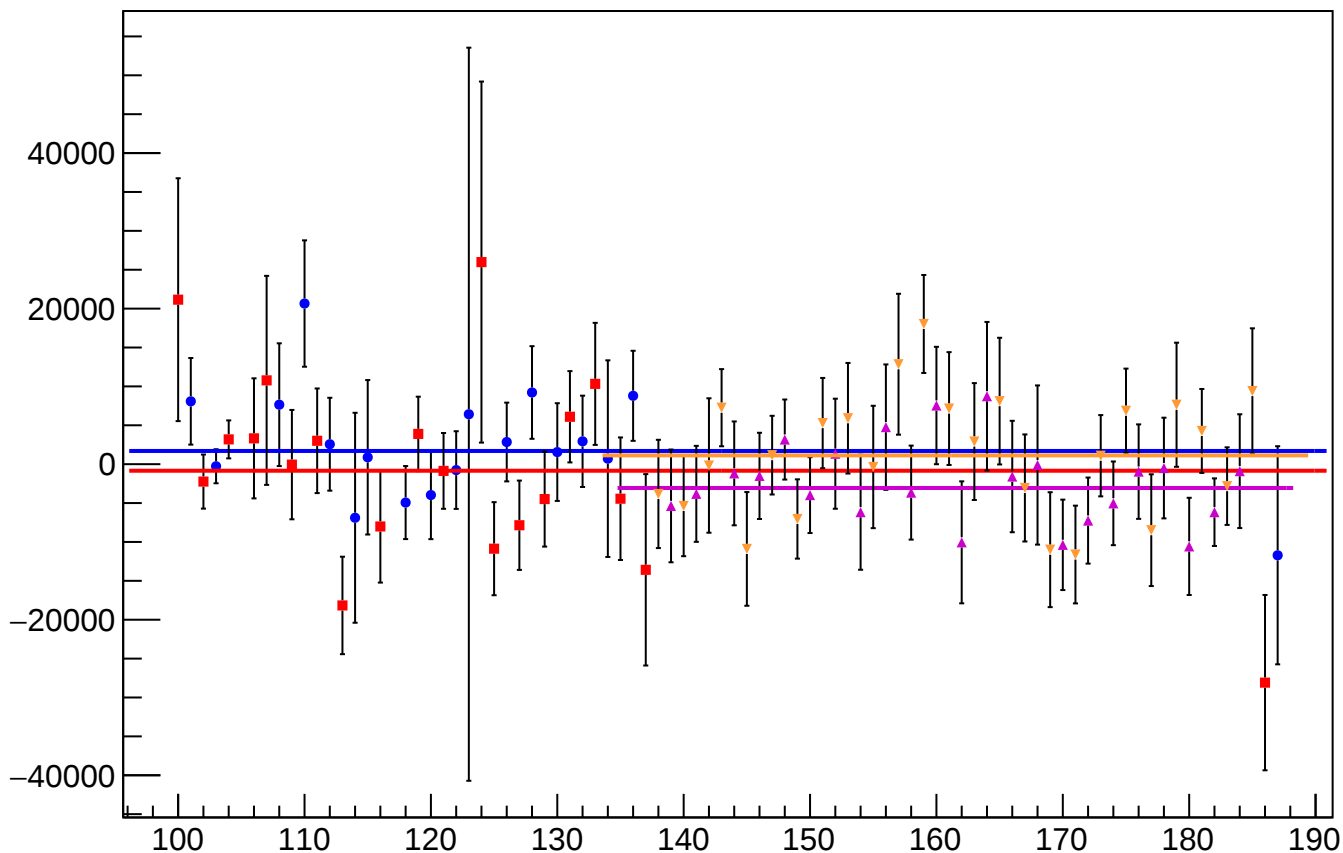
Left In: 5006.911+/-0.865 χ^2/NDF :1537926.5/22

+ sign 2032.976+/-0.484 χ^2/NDF : 18931068.9/25

All: 2753.396+/-0.421 χ^2/NDF : 29750361.8/4

- sign 5028.801+/-0.859 χ^2/NDF : 1591201.0/23

asym_atl_avg_mean vs Slug



Right In: 1698.744 $\pm$ 1295.744 χ^2 /NDF: 15.9/17

Left Out: 1132.501 $\pm$ 1280.211 χ^2 /NDF:32.5/24

Right Out: -842.975 $\pm$ 1277.785 χ^2 /NDF: 32.4/19

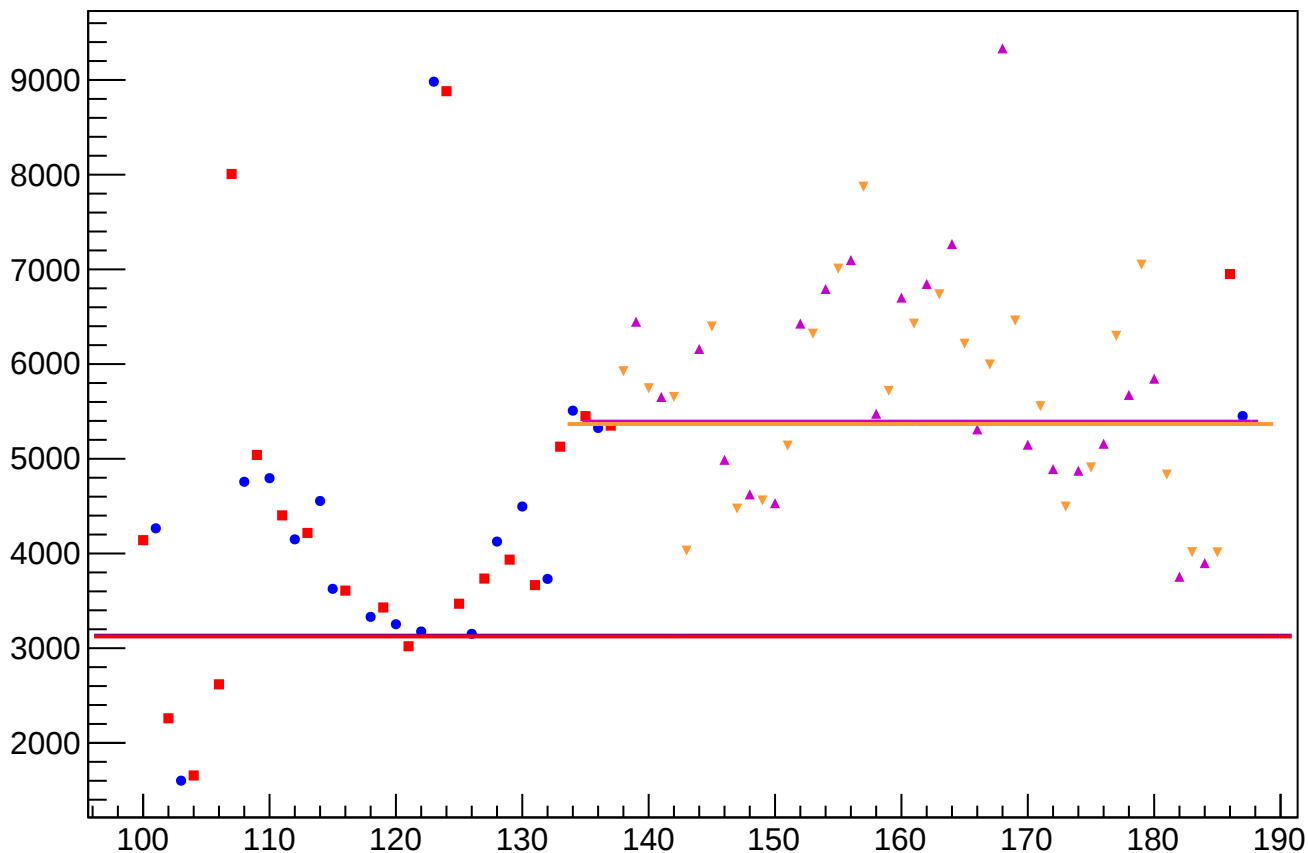
Left In: -3061.439 $\pm$ 1313.197 χ^2 /NDF:12.3/22

+ sign 1412.208 $\pm$ 910.688 χ^2 /NDF: 48.5/42

All: -245.522 $\pm$ 645.751 χ^2 /NDF: 101.3/85

- sign -1921.892 $\pm$ 915.794 χ^2 /NDF: 46.2/42

asym_atl_avg_rms vs Slug



Right In: 3131.539 $\pm$ 0.916 χ^2 /NDF: 1934203.1/17

Left Out: 5366.944 $\pm$ 0.905 χ^2 /NDF: 1213541.3/24

Right Out: 3124.177 $\pm$ 0.891 χ^2 /NDF: 2242960.6/19

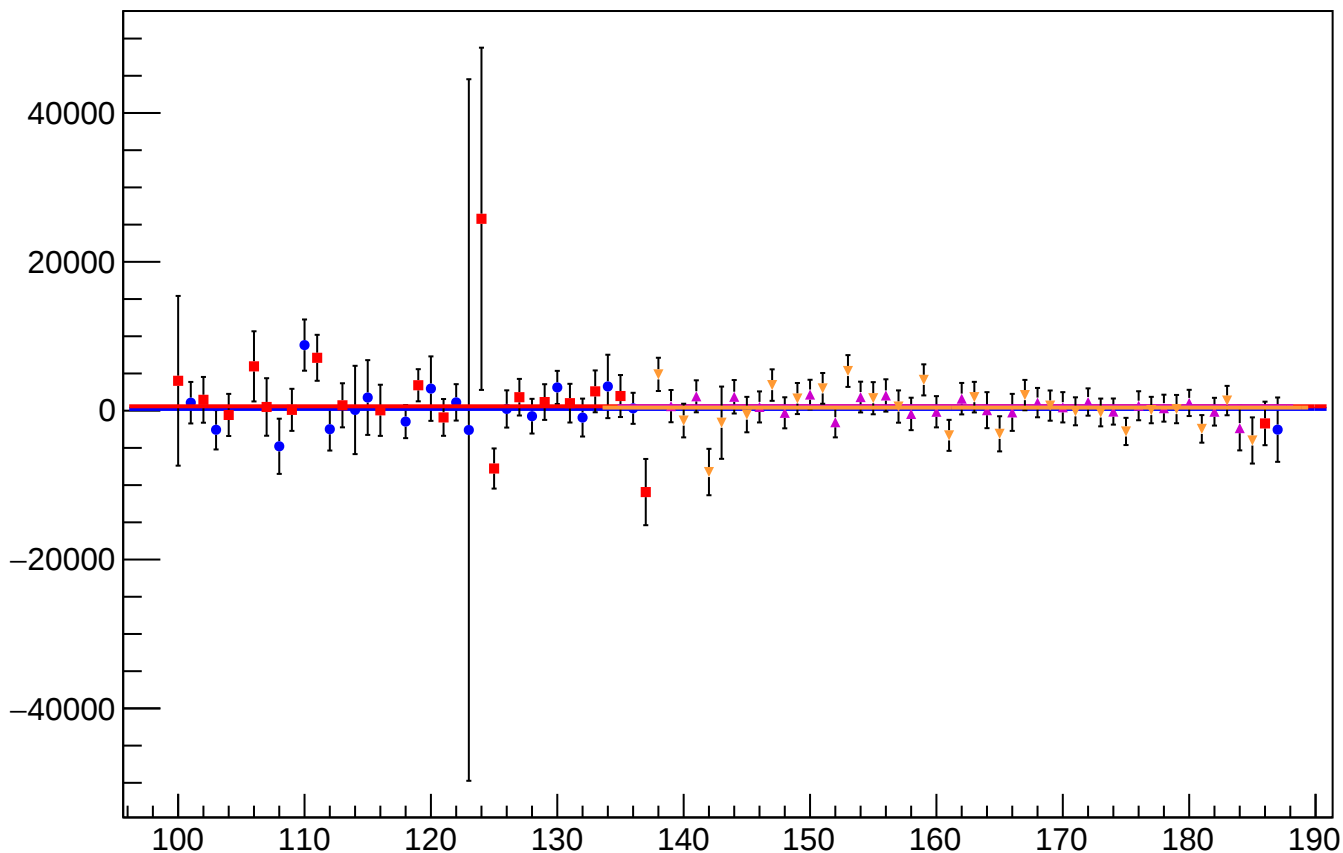
Left In: 5391.987 $\pm$ 0.929 χ^2 /NDF: 1320415.5/22

+ sign 4262.715 $\pm$ 0.644 χ^2 /NDF: 6159933.3/42

All: 4236.704 $\pm$ 0.455 χ^2 /NDF: 12833266.4/8

- sign 4210.790 $\pm$ 0.643 χ^2 /NDF: 6670076.0/42

dit_asym_atl_dd_mean vs Slug



Right In: 237.368 $\pm$ 693.399 χ^2 /NDF: 14.4/17

Left Out: 418.780 $\pm$ 425.452 χ^2 /NDF:39.9/24

Right Out: 591.022 $\pm$ 673.711 χ^2 /NDF: 27.4/19

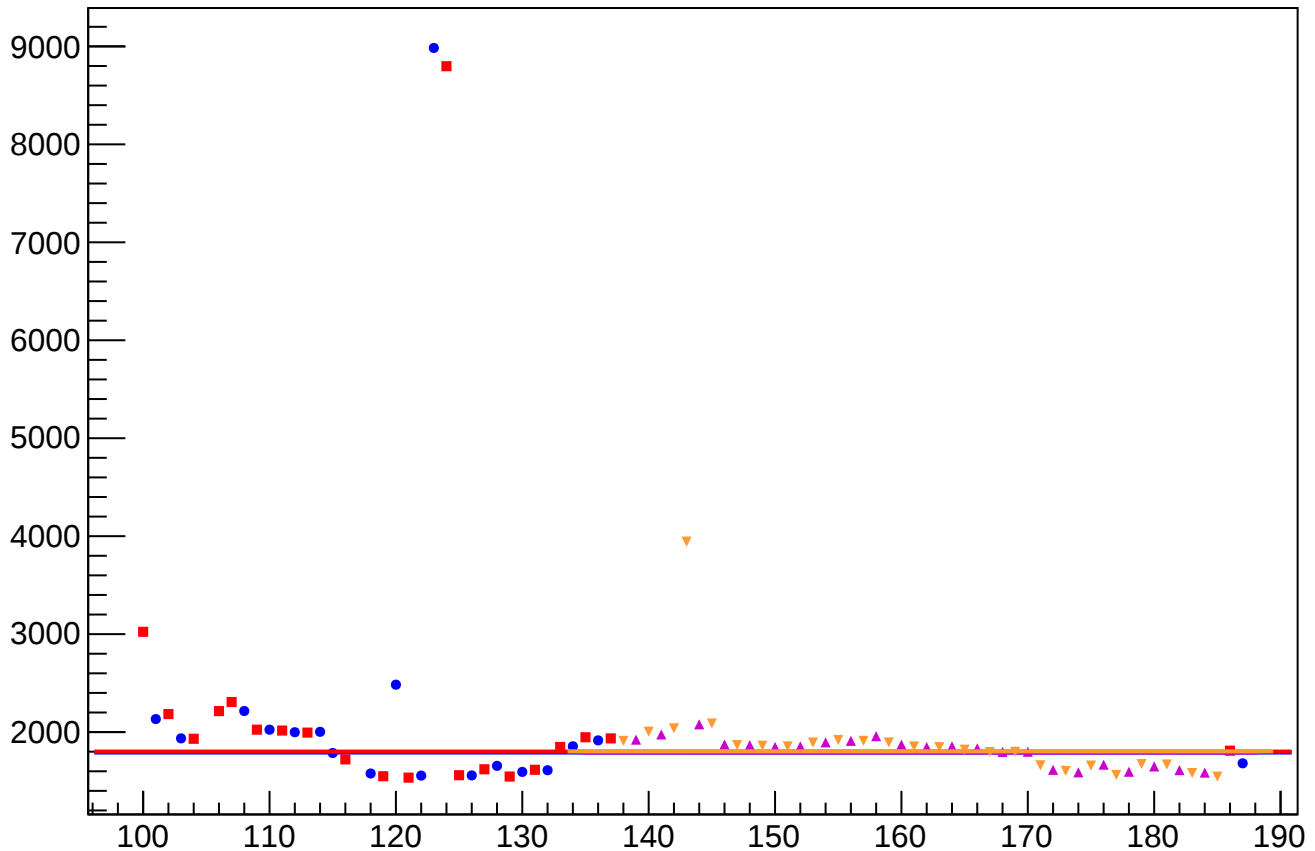
Left In: 595.101 $\pm$ 429.153 χ^2 /NDF:5.7/22

+ sign 369.163 $\pm$ 362.632 χ^2 /NDF: 54.3/42

All: 481.753 $\pm$ 256.180 χ^2 /NDF: 87.7/85

- sign 593.924 $\pm$ 361.956 χ^2 /NDF: 33.1/42

dit_asym_atl_dd_rms vs Slug



Right In: 1791.183+/-0.490 χ^2/NDF : 278010.5/17

Left Out: 1803.254+/-0.301 χ^2/NDF : 616372.0/24

Right Out: 1801.256+/-0.476 χ^2/NDF : 444870.8/19

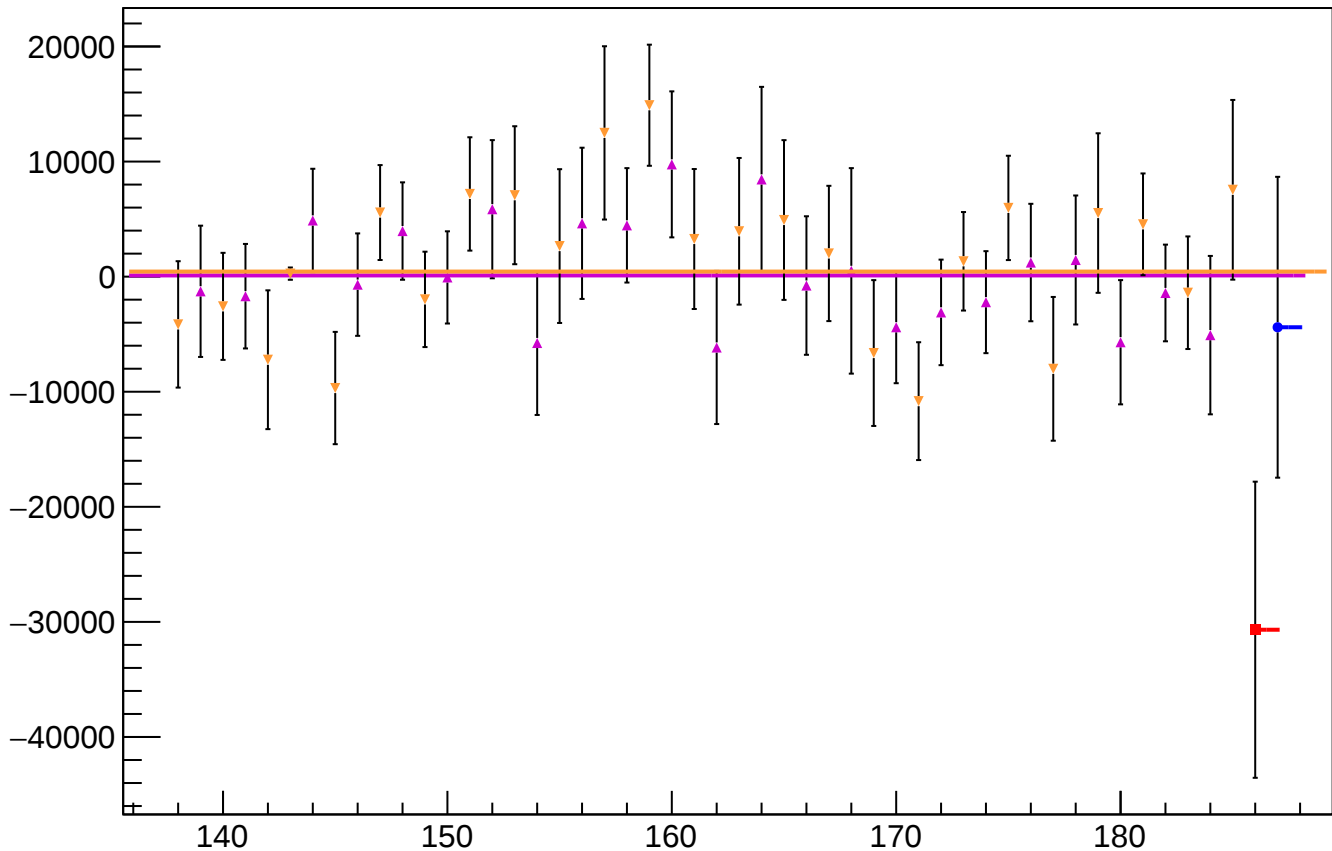
Left In: 1790.999+/-0.303 χ^2/NDF : 210711.4/22

+ sign 1799.952+/-0.256 χ^2/NDF : 894822.8/42

All: 1796.952+/-0.181 χ^2/NDF : 1551008.5/85

- sign 1793.966+/-0.256 χ^2/NDF : 655912.6/42

asym_atl_dd_correction_mean vs Slug



Right In: -4397.127 ± 13071.338 χ^2/NDF : 0.0/0

Left Out: 441.916 ± 479.882 χ^2/NDF : 35.2/24

Right Out: -30681.186 ± 12865.884 χ^2/NDF : 0.0/0

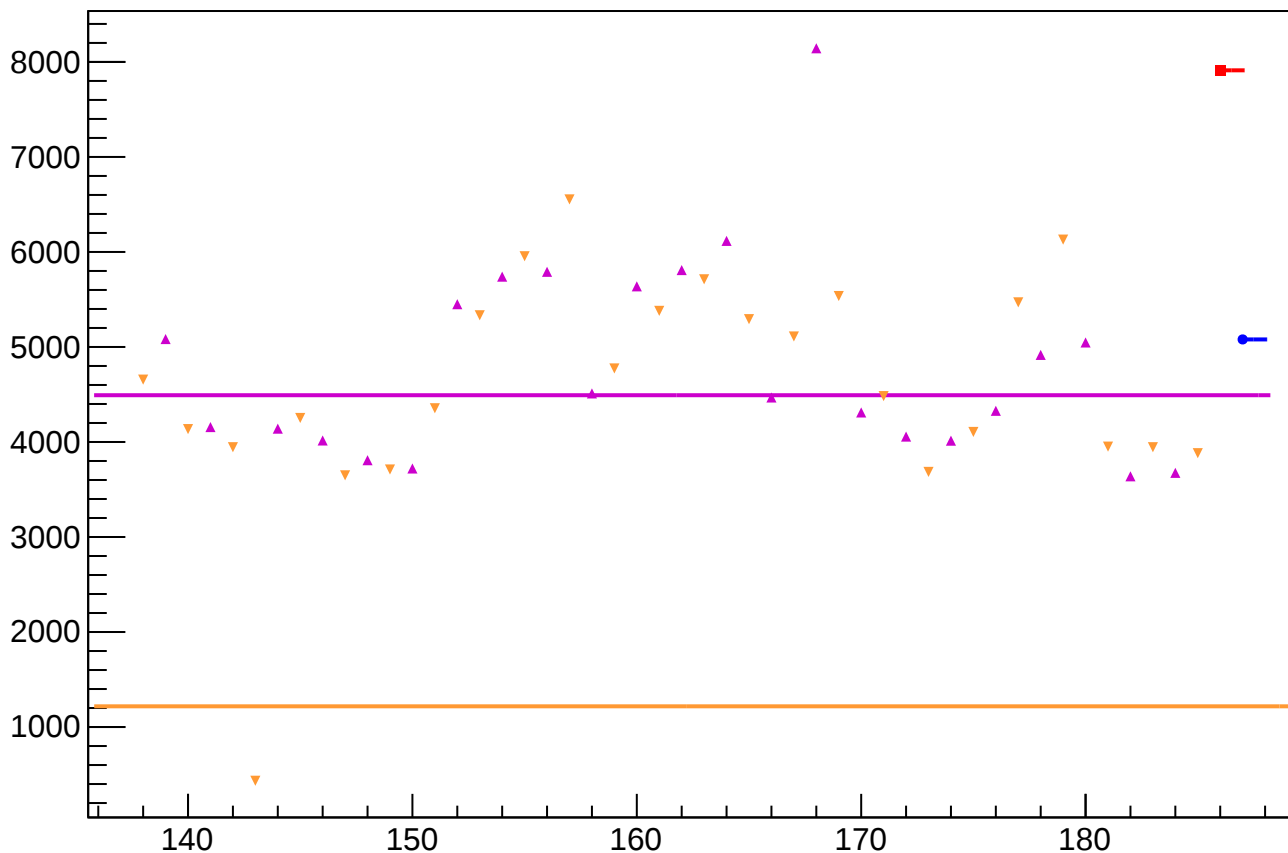
Left In: 105.335 ± 1090.763 χ^2/NDF : 13.1/22

+ sign 435.403 ± 479.559 χ^2/NDF : 35.3/25

All: 345.813 ± 438.748 χ^2/NDF : 54.4/49

- sign -114.365 ± 1086.864 χ^2/NDF : 18.8/23

asym_atl_dd_correction_rms vs Slug



Right In: 5079.359+/-9.243 χ^2/NDF : 0.0/0

Left Out: 1217.897+/-0.339 χ^2/NDF : 23423127.2/24

Right Out: 7911.741+/-9.098 χ^2/NDF : 0.0/0

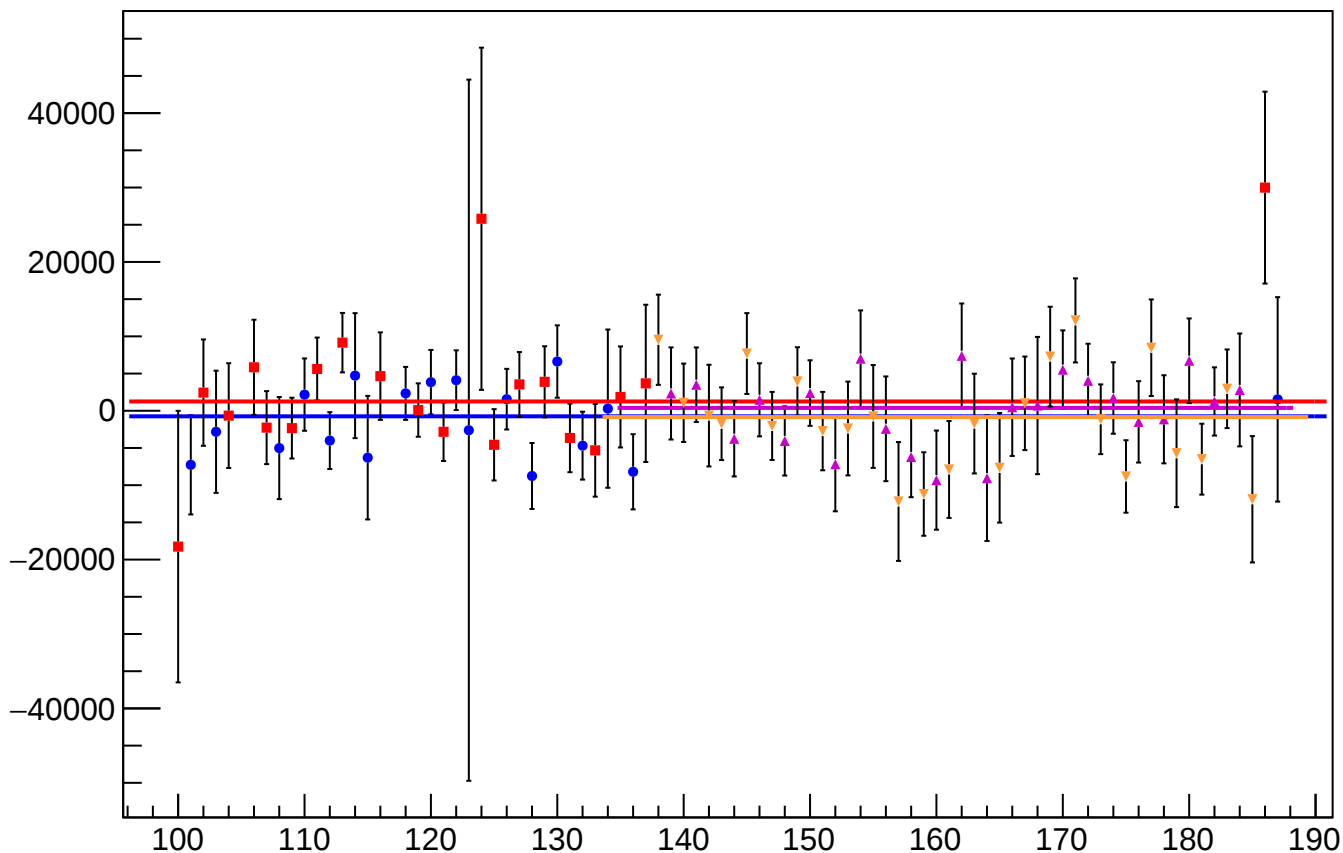
Left In: 4492.222+/-0.771 χ^2/NDF : 1152018.3/22

+ sign 1223.094+/-0.339 χ^2/NDF : 23597431.7/25

All: 1759.806+/-0.310 χ^2/NDF : 40262385.7/4

- sign 4516.624+/-0.769 χ^2/NDF : 1292290.1/23

asym_atl_dd_mean vs Slug



Right In: -746.319 $\pm$ 1242.589 χ^2 /NDF: 15.6/17

Left Out: -845.427 $\pm$ 1152.677 χ^2 /NDF:30.0/24

Right Out: 1249.965 $\pm$ 1186.068 χ^2 /NDF: 20.0/19

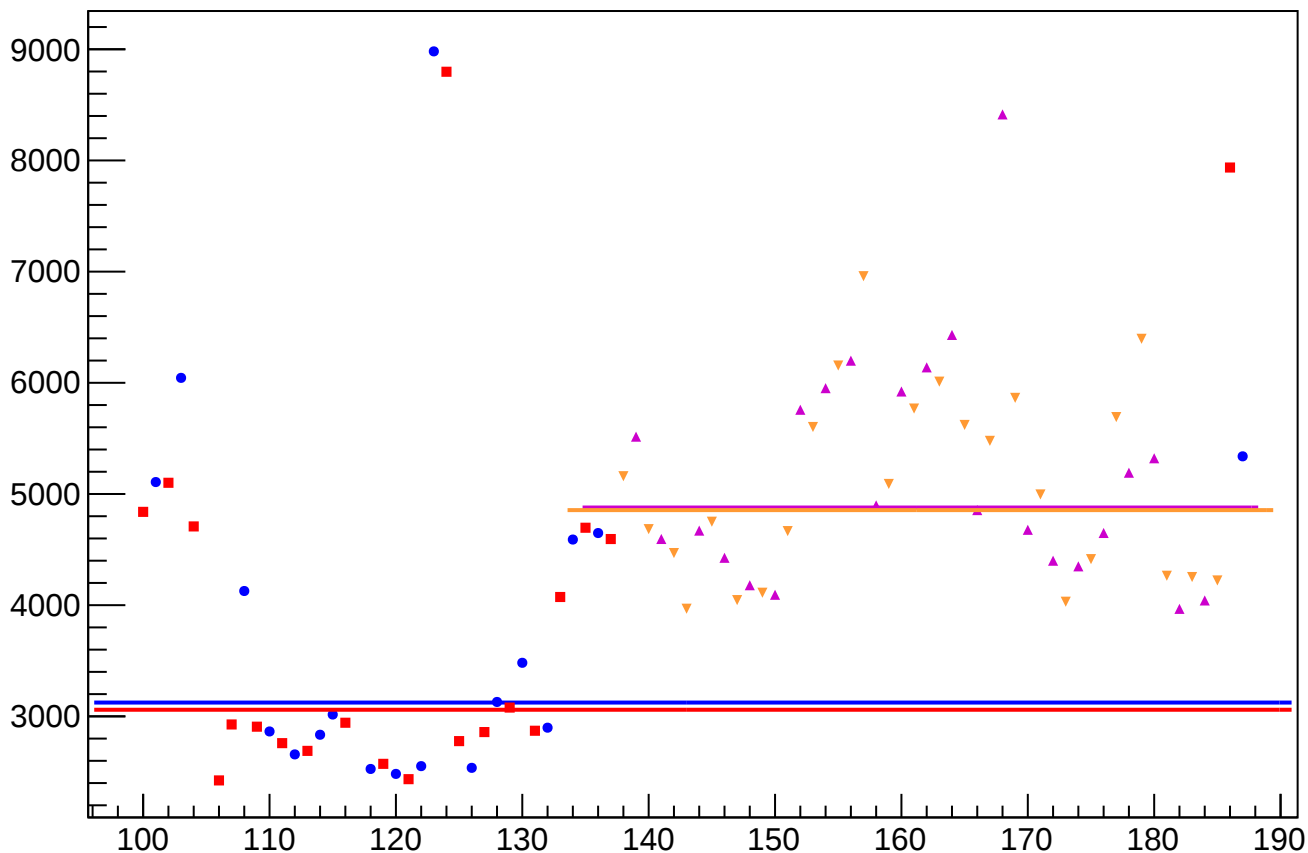
Left In: 385.098 $\pm$ 1181.458 χ^2 /NDF:13.9/22

+ sign -799.588 $\pm$ 845.066 χ^2 /NDF: 45.6/42

All: 15.835 $\pm$ 594.695 χ^2 /NDF: 81.6/85

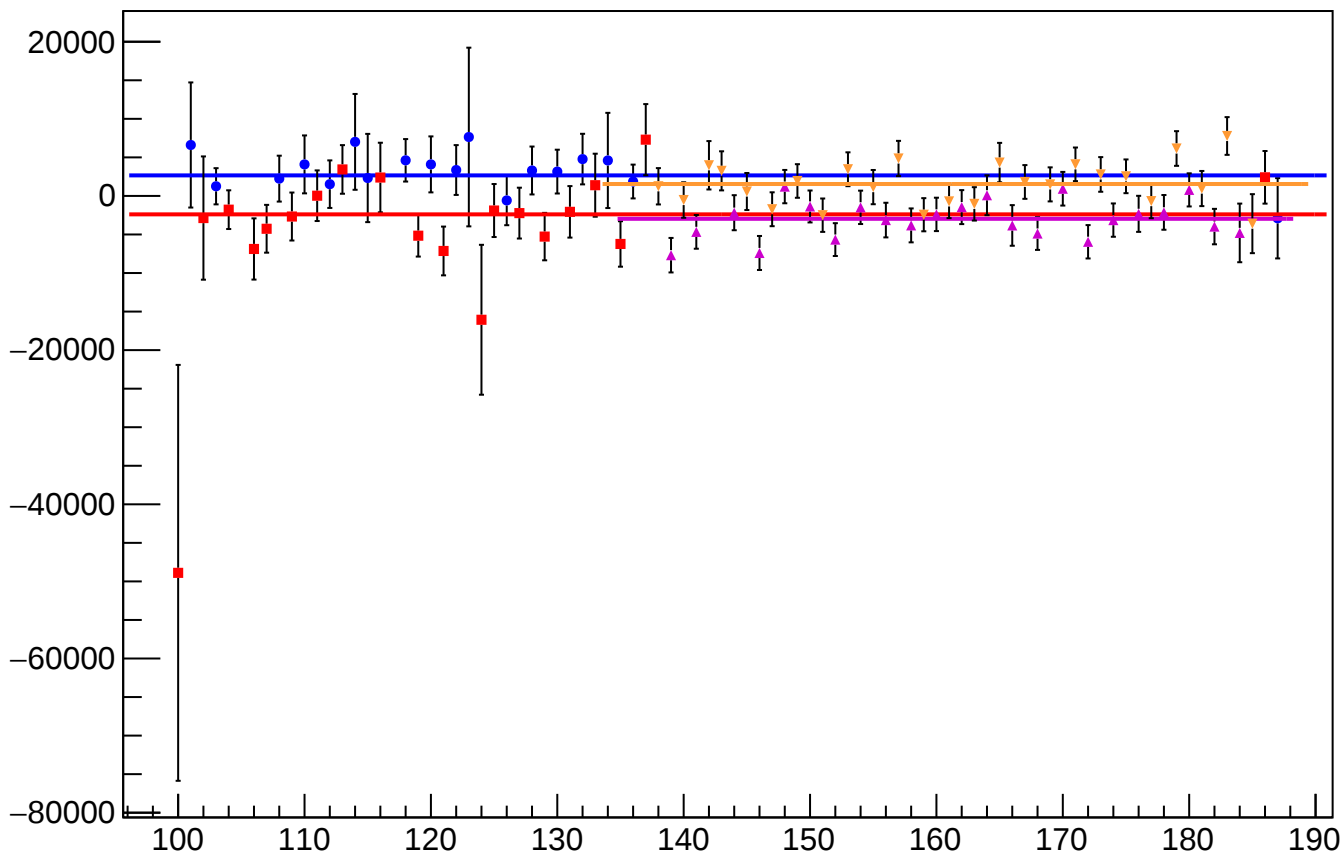
- sign 815.847 $\pm$ 837.042 χ^2 /NDF: 34.2/42

asym_atl_dd_rms vs Slug



Right In: 3124.119+/-0.879	χ^2/NDF : 1012234.8/17	+ sign 4054.400+/-0.598	χ^2/NDF : 3993453.3/42
Left Out: 4854.932+/-0.815	χ^2/NDF : 895557.4/24	All: 4006.989+/-0.419	χ^2/NDF : 8444181.6/85
Right Out: 3059.357+/-0.828	χ^2/NDF : 1082696.6/19	- sign 3961.049+/-0.588	χ^2/NDF : 4438333.0/42
Left In: 4878.261+/-0.835	χ^2/NDF : 965222.2/22		

dit_asym_atr_avg_mean vs Slug



Right In: 2663.986 ± 805.498 χ^2/NDF : 5.2/17

Left Out: 1545.863 ± 461.862 χ^2/NDF : 33.2/24

Right Out: -2390.641 ± 786.766 χ^2/NDF : 24.9/19

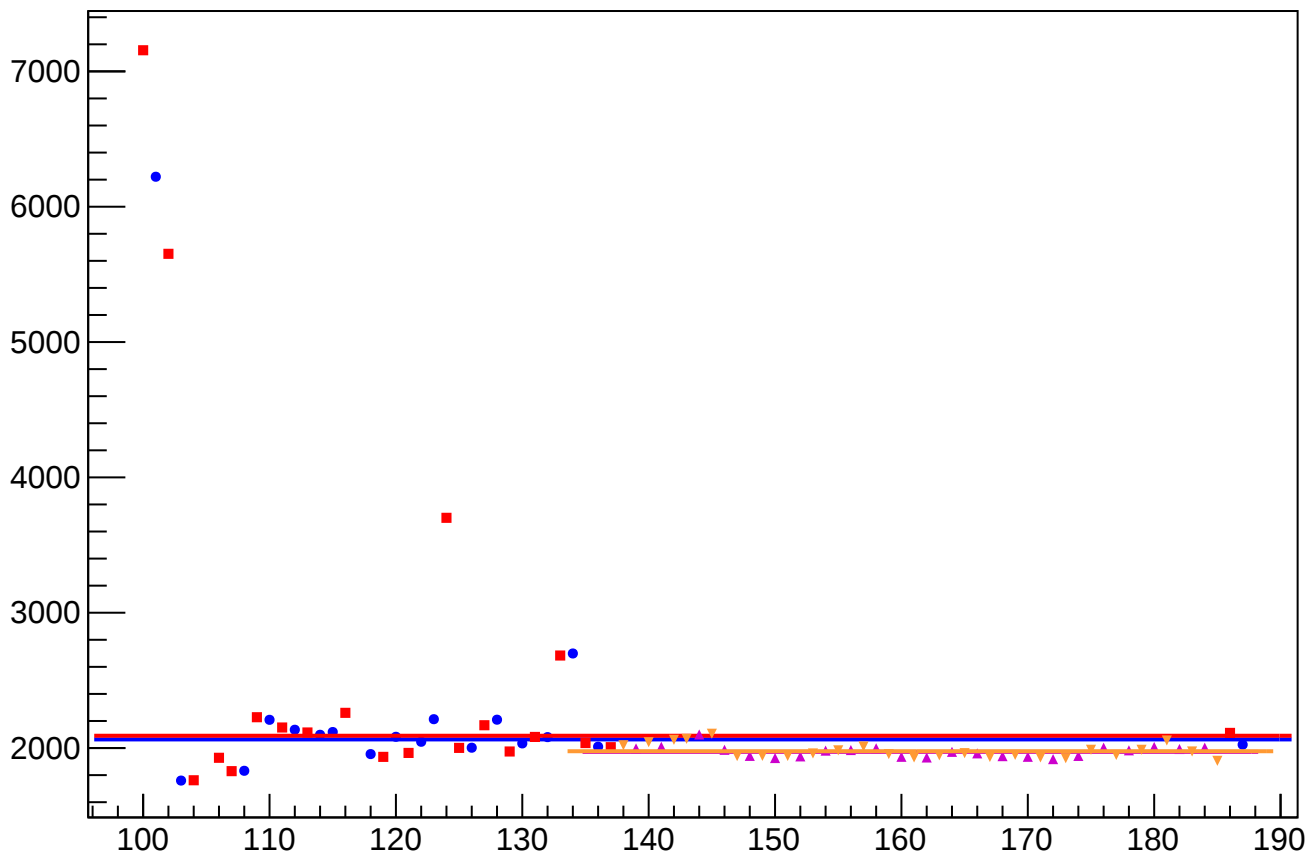
Left In: -2968.538 ± 470.273 χ^2/NDF : 27.4/22

+ sign 1822.516 ± 400.670 χ^2/NDF : 39.9/42

All: -479.709 ± 284.368 χ^2/NDF : 159.1/85

- sign -2816.416 ± 403.660 χ^2/NDF : 52.7/42

dit_asym_atr_avg_rms vs Slug



Right In: 2063.760+/-0.570 χ^2/NDF : 606519.0/17

Left Out: 1976.522+/-0.327 χ^2/NDF : 22476.7/24

Right Out: 2090.969+/-0.556 χ^2/NDF : 640663.3/19

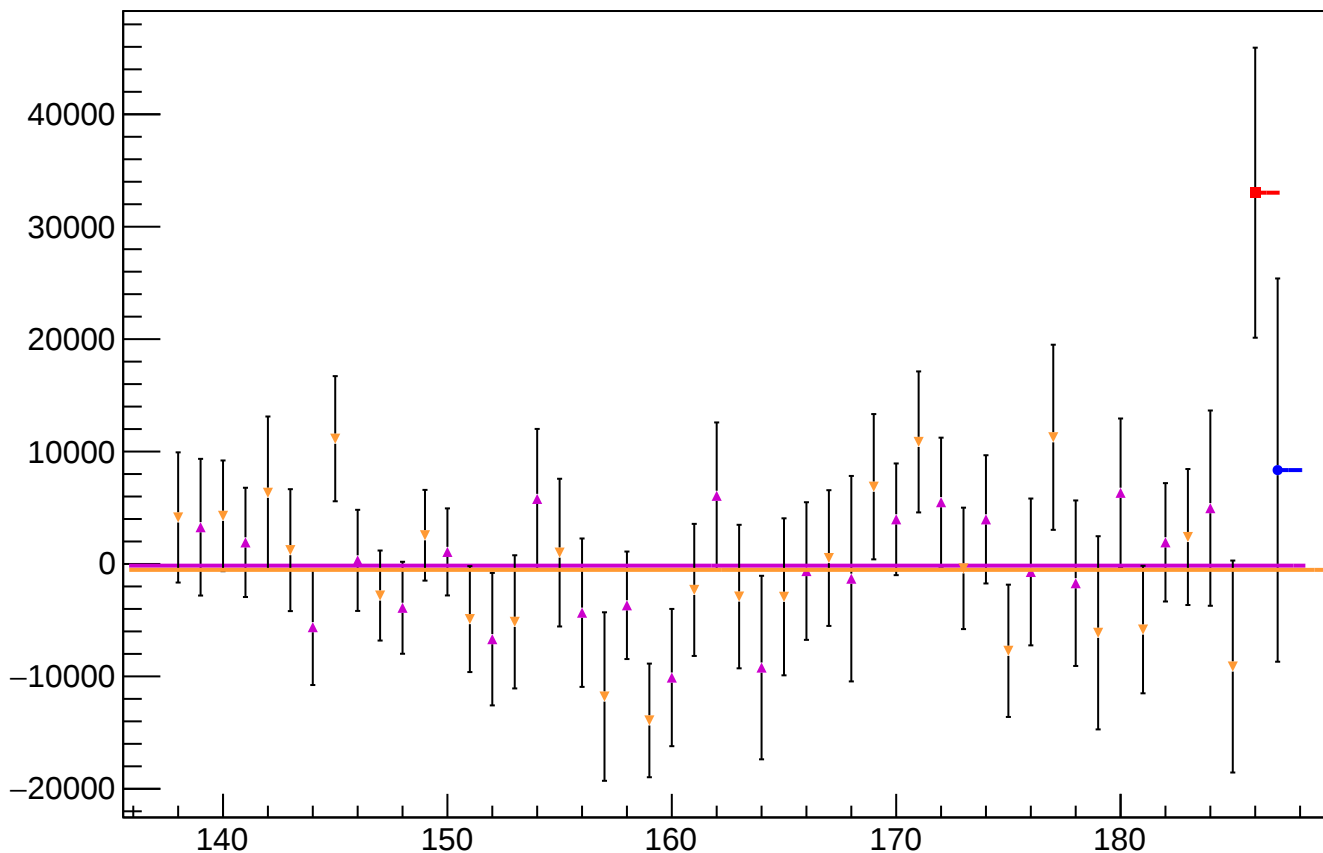
Left In: 1971.509+/-0.333 χ^2/NDF : 14769.7/22

+ sign 1998.107+/-0.283 χ^2/NDF : 646650.7/42

All: 2000.521+/-0.201 χ^2/NDF : 1336218.9/85

- sign 2002.970+/-0.285 χ^2/NDF : 689422.0/42

asym_atr_avg_correction_mean vs Slug



Right In: 8350.972 $\pm$ 17046.817 χ^2 /NDF: 0.0/0

Left Out: -525.082 $\pm$ 1155.846 χ^2 /NDF:29.7/24

Right Out: 33026.227 $\pm$ 12900.528 χ^2 /NDF: 0.0/0

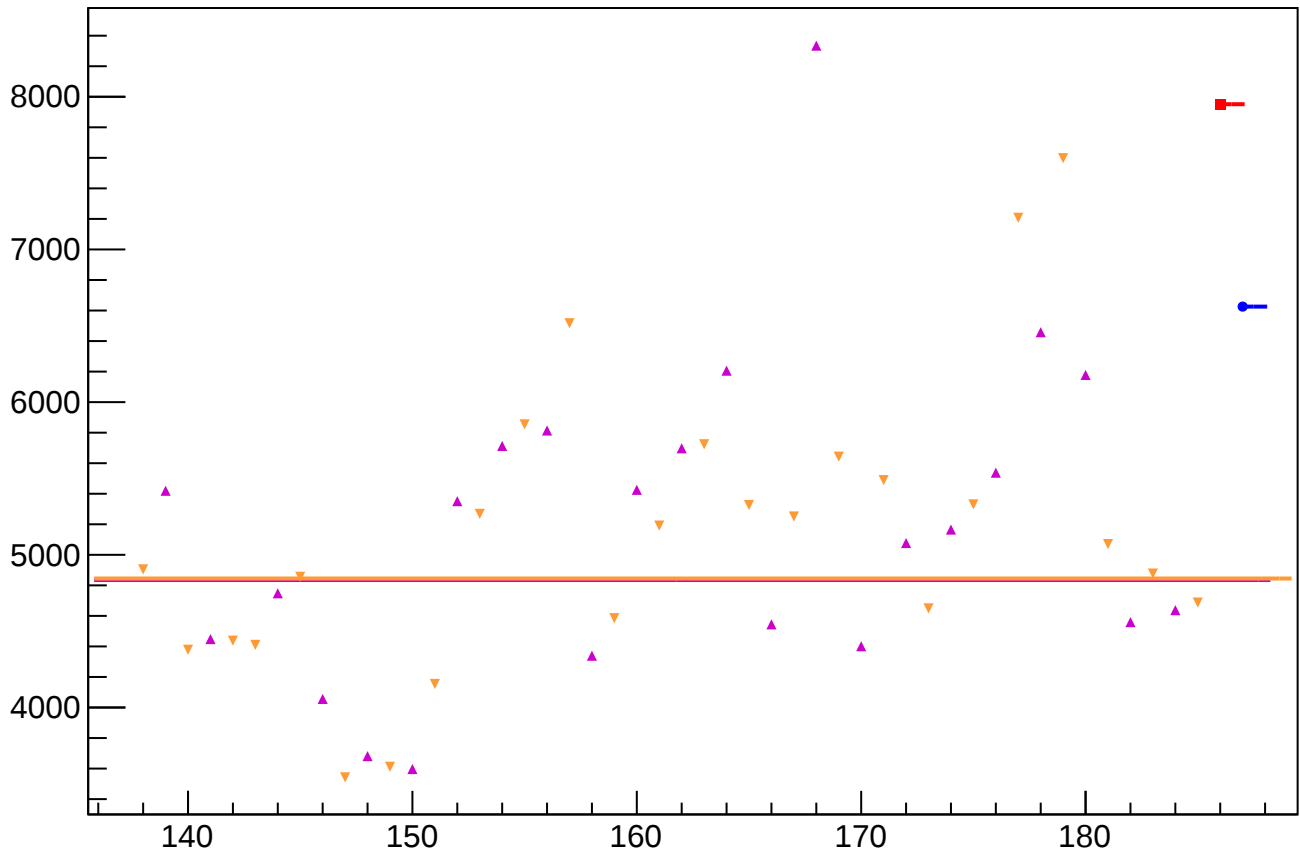
Left In: -150.621 $\pm$ 1175.216 χ^2 /NDF:14.2/22

+ sign -484.462 $\pm$ 1153.198 χ^2 /NDF: 30.0/25

All: -185.494 $\pm$ 821.438 χ^2 /NDF: 50.9/49

- sign 122.444 $\pm$ 1170.369 χ^2 /NDF: 20.7/23

asym_atr_avg_correction_rms vs Slug



Right In: 6625.648+/-12.054 χ^2/NDF : 0.0/0

Left Out: 4844.841+/-0.817 χ^2/NDF : 1146931.0/24

Right Out: 7951.238+/-9.122 χ^2/NDF : 0.0/0

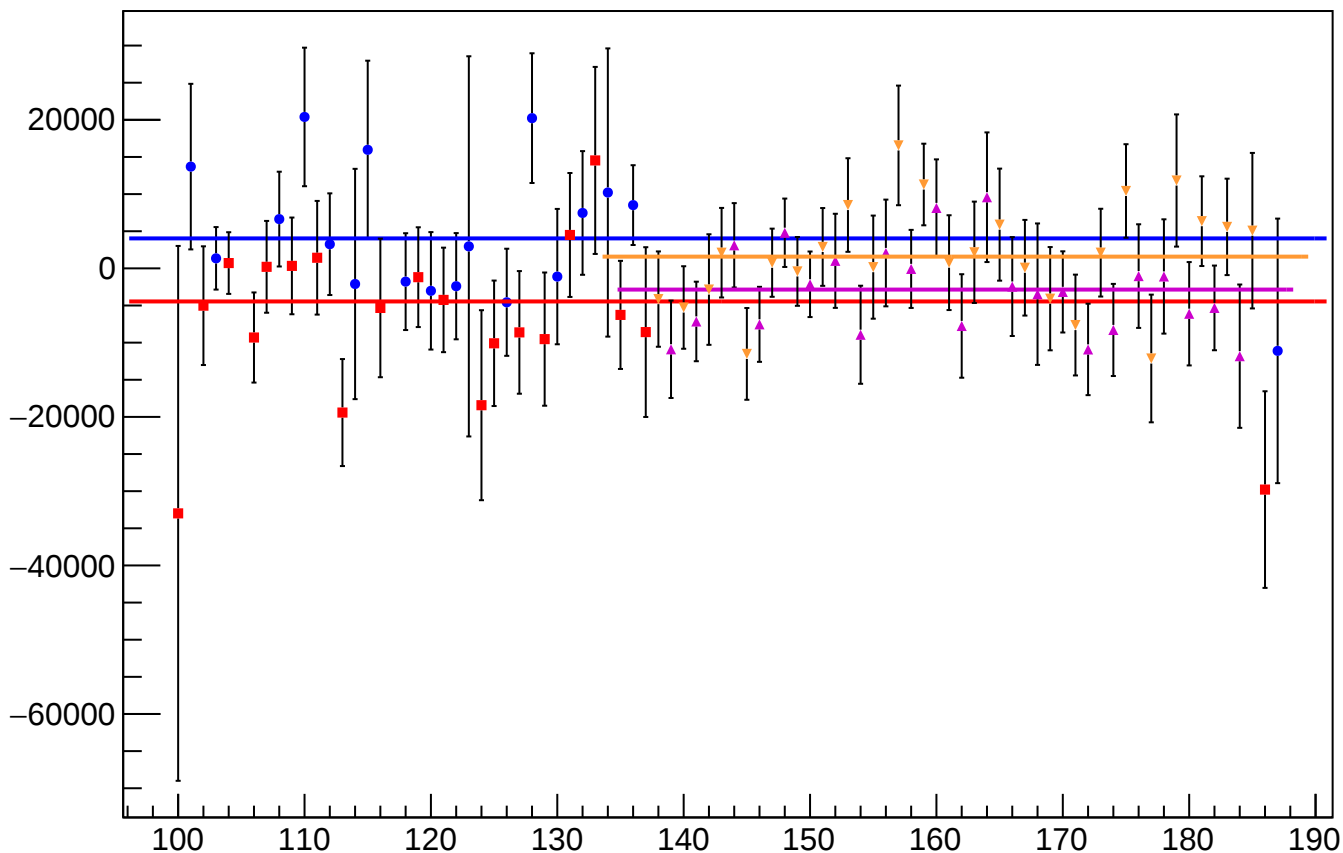
Left In: 4834.872+/-0.831 χ^2/NDF : 1218691.8/22

+ sign 4852.991+/-0.815 χ^2/NDF : 1168657.2/25

All: 4856.700+/-0.581 χ^2/NDF : 2503141.6/49

- sign 4860.521+/-0.828 χ^2/NDF : 1334442.3/23

asym_atr_avg_mean vs Slug



Right In: 4034.010+/-1847.778 χ^2/NDF : 14.8/17

Left Out: 1580.515+/-1266.098 χ^2/NDF : 25.2/24

Right Out: -4453.879+/-1710.722 χ^2/NDF : 18.6/19

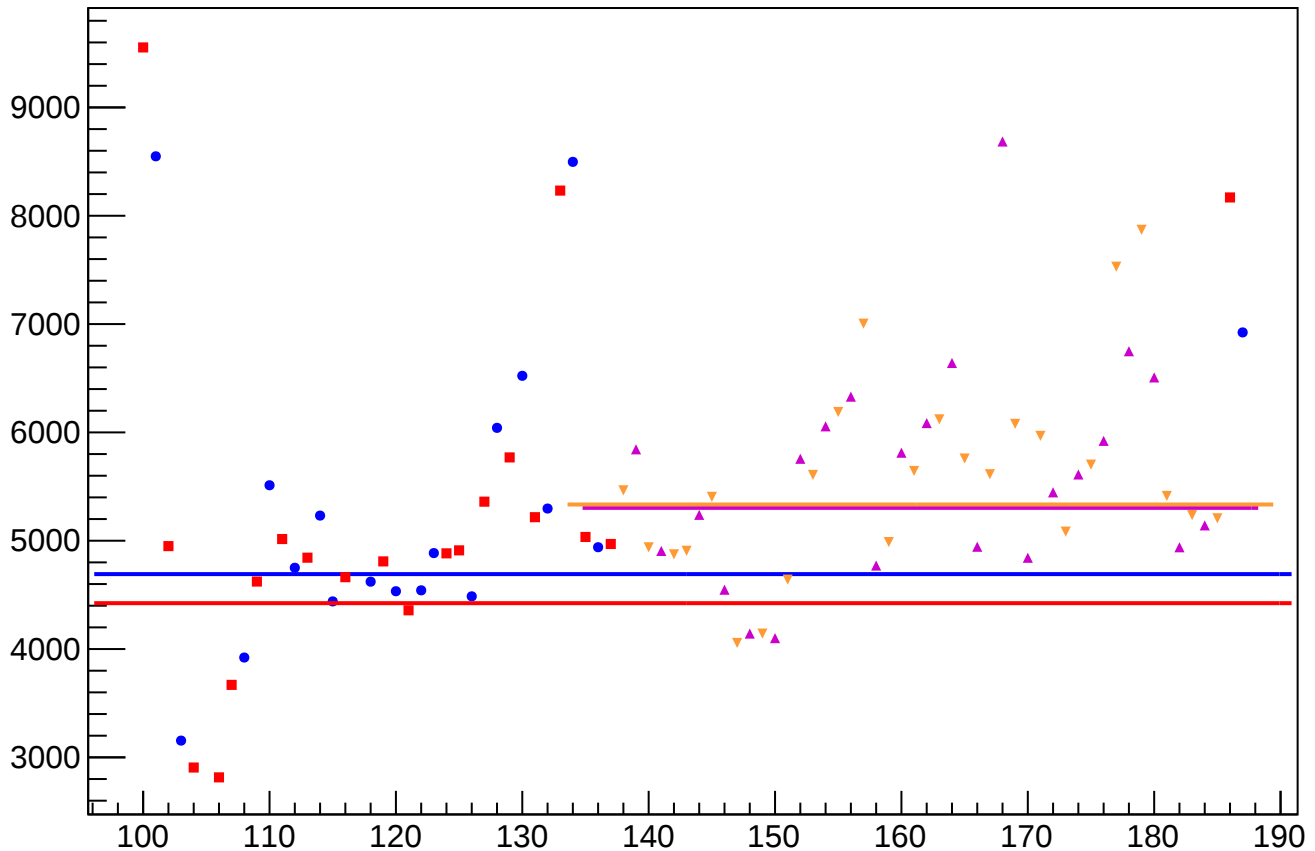
Left In: -2856.480+/-1284.131 χ^2/NDF : 18.1/22

+ sign 2364.397+/-1044.438 χ^2/NDF : 41.2/42

All: -582.705+/-732.283 χ^2/NDF : 94.1/85

- sign -3432.169+/-1026.991 χ^2/NDF : 37.2/42

asym_atr_avg_rms vs Slug



Right In: 4691.748+/-1.307 χ^2/NDF : 809589.4/17

Left Out: 5334.221+/-0.895 χ^2/NDF : 865414.3/24

Right Out: 4423.461+/-1.203 χ^2/NDF : 995539.1/19

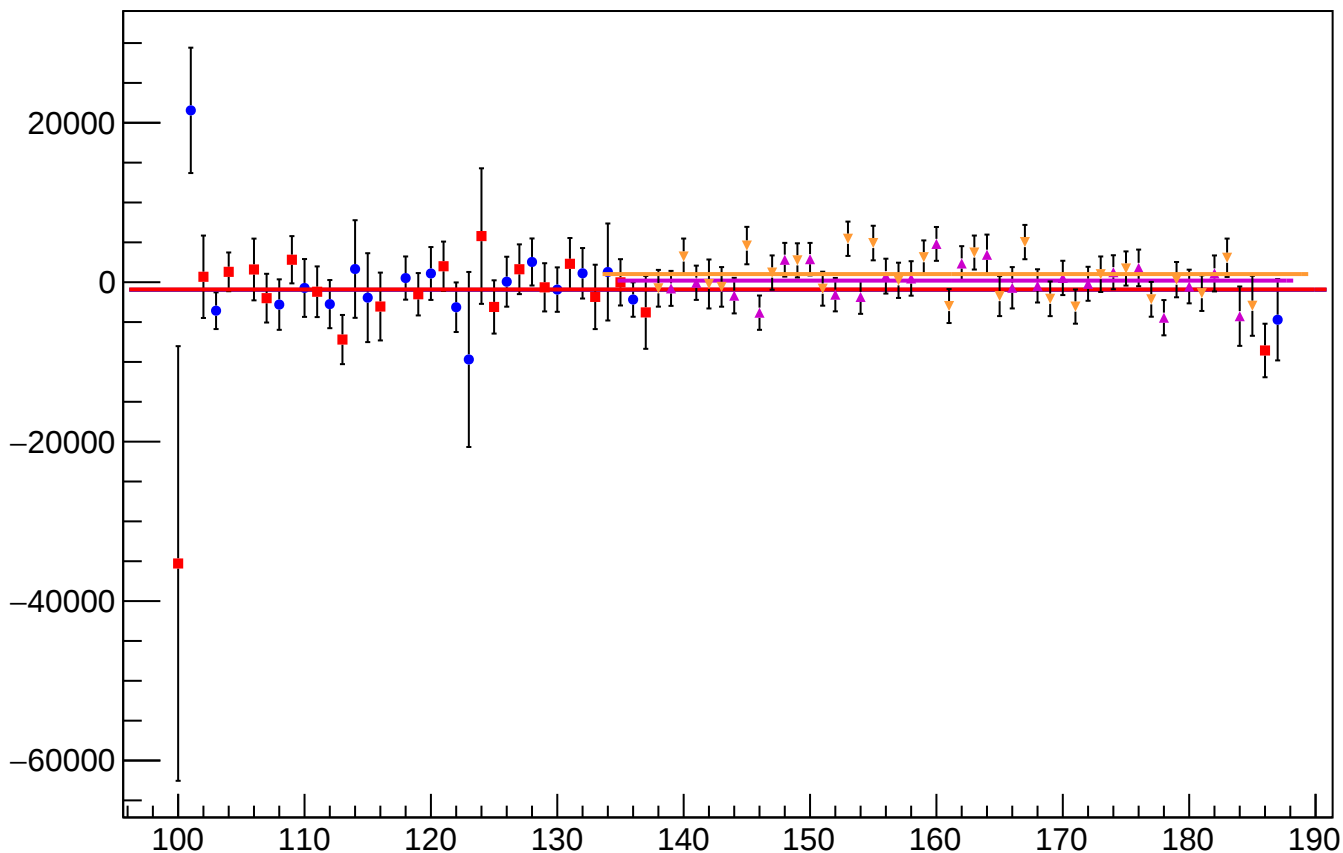
Left In: 5303.321+/-0.908 χ^2/NDF : 960356.0/22

+ sign 5128.953+/-0.739 χ^2/NDF : 1839543.6/42

All: 5055.062+/-0.517 χ^2/NDF : 4155942.6/85

- sign 4983.913+/-0.725 χ^2/NDF : 2296750.0/42

dit_asym_atr_dd_mean vs Slug



Right In: -952.342 ± 787.457 χ^2/NDF : 15.1/17

Left Out: 1020.295 ± 453.278 χ^2/NDF : 35.2/24

Right Out: -909.227 ± 760.625 χ^2/NDF : 18.4/19

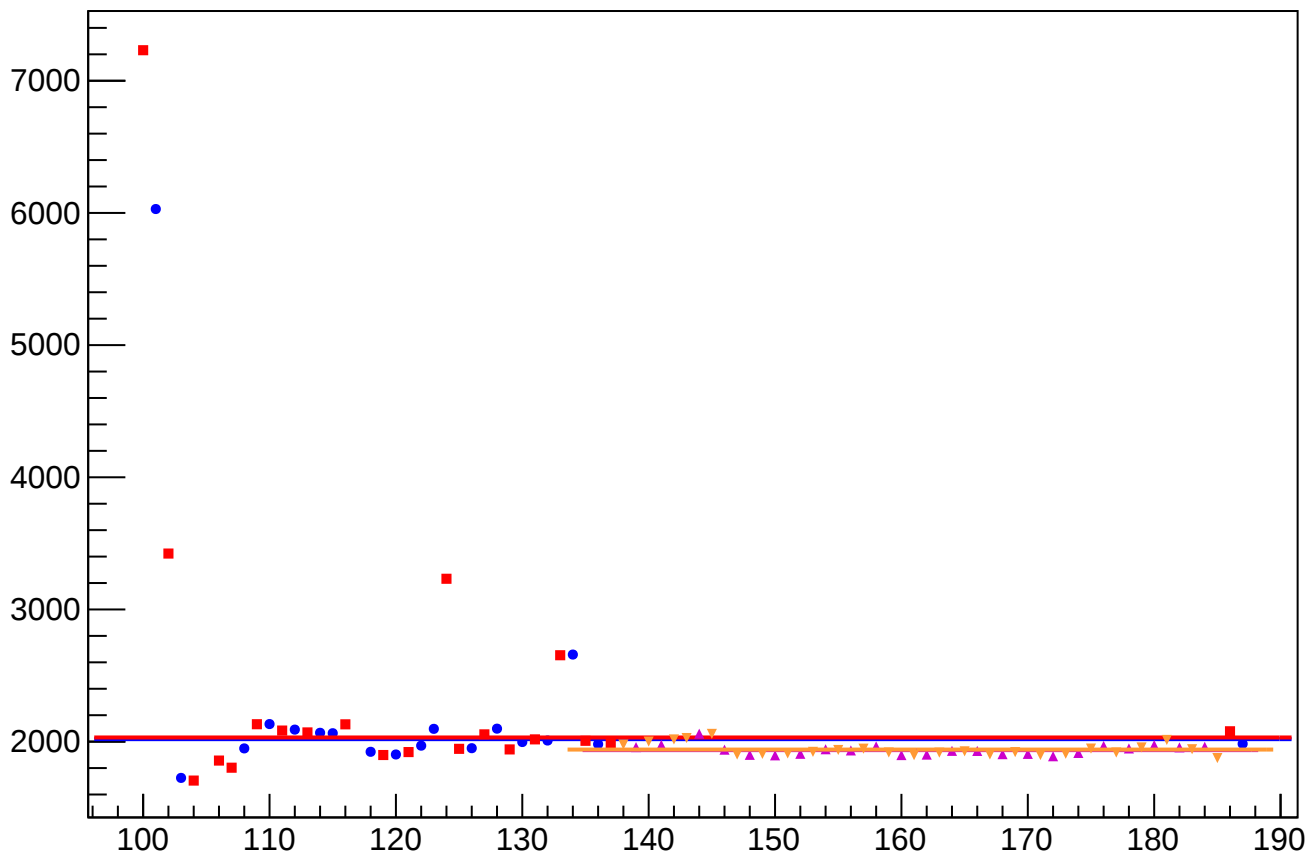
Left In: 201.463 ± 461.744 χ^2/NDF : 23.9/22

+ sign 529.349 ± 392.844 χ^2/NDF : 55.1/42

All: 217.345 ± 278.439 χ^2/NDF : 100.2/85

- sign -97.628 ± 394.708 χ^2/NDF : 43.9/42

dit_asym_atr_dd_rms vs Slug



Right In: 2018.765 $\pm$ 0.557 χ^2 /NDF: 587940.6/17

Left Out: 1939.945 $\pm$ 0.321 χ^2 /NDF: 18718.5/24

Right Out: 2031.516 $\pm$ 0.537 χ^2 /NDF: 372378.8/19

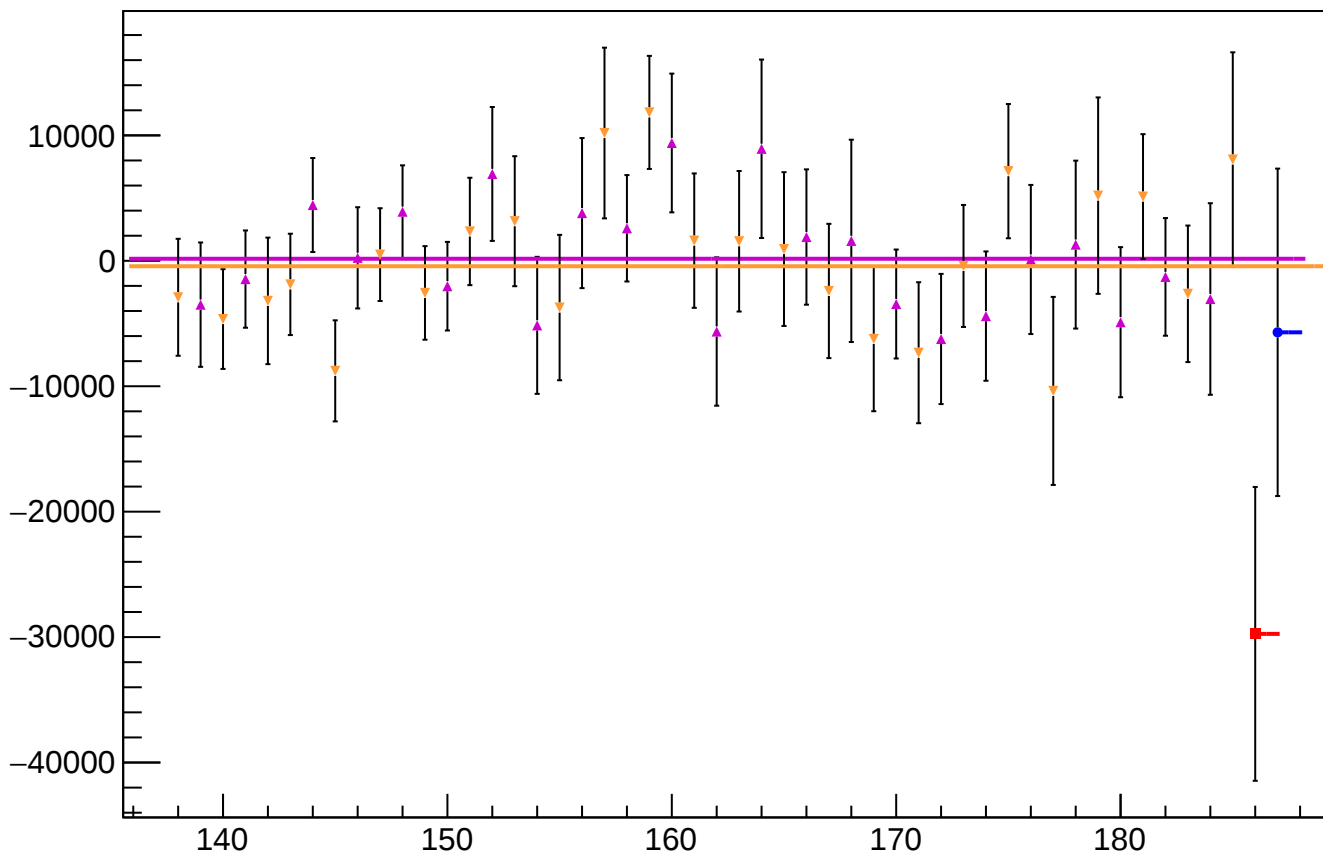
Left In: 1935.823 $\pm$ 0.327 χ^2 /NDF: 13548.9/22

+ sign 1959.562 $\pm$ 0.278 χ^2 /NDF: 621709.9/42

All: 1960.595 $\pm$ 0.197 χ^2 /NDF: 1030837.9/85

- sign 1961.638 $\pm$ 0.279 χ^2 /NDF: 409100.3/42

asym_atr_dd_correction_mean vs Slug



Right In: -5701.122 $\pm$ 13052.905 χ^2 /NDF: 0.0/0

Left Out: -432.080 $\pm$ 1001.105 χ^2 /NDF:27.2/24

Right Out: -29743.410 $\pm$ 11713.430 χ^2 /NDF: 0.0/0

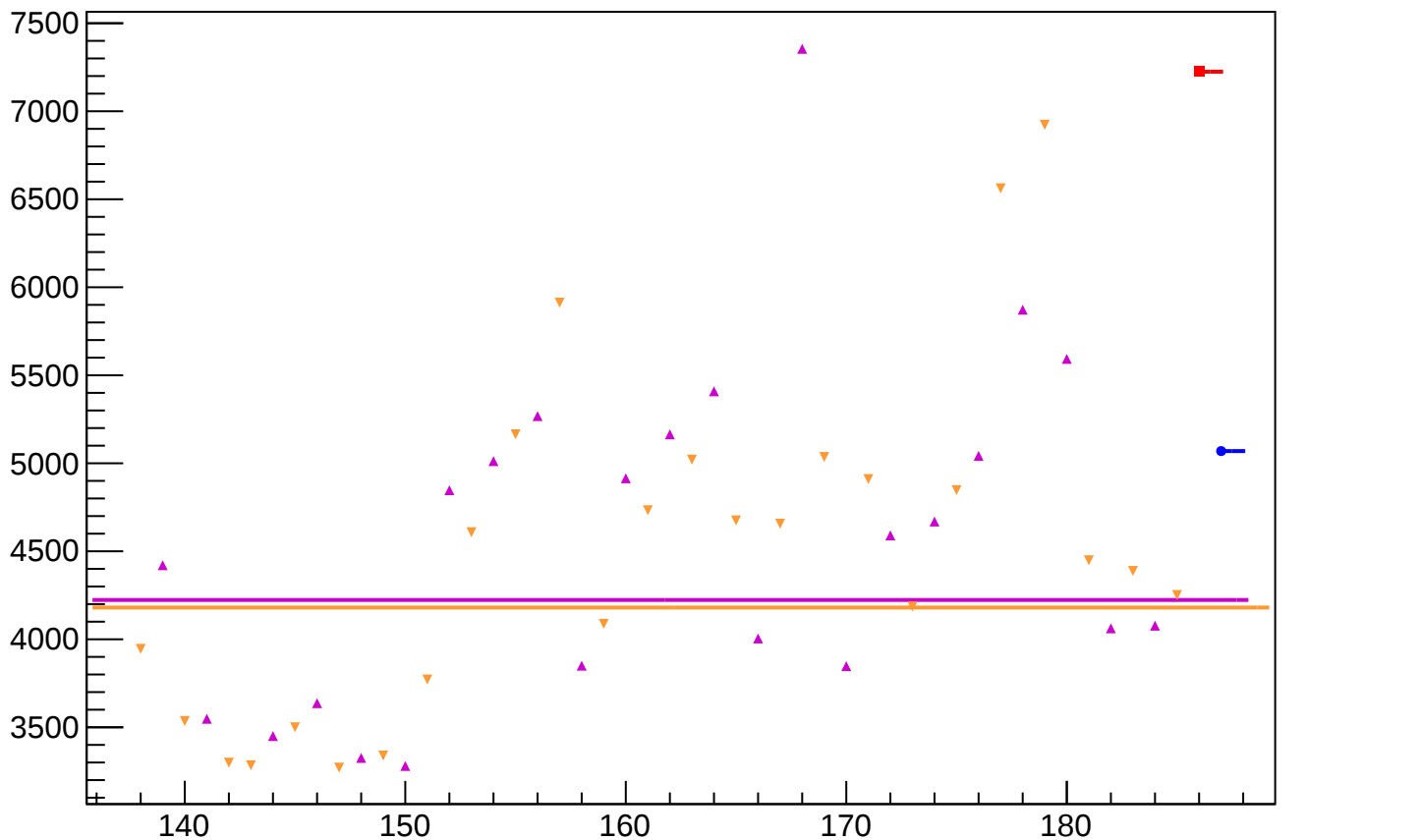
Left In: 163.422 $\pm$ 1028.720 χ^2 /NDF:16.1/22

+ sign -462.892 $\pm$ 998.173 χ^2 /NDF: 27.4/25

All: -269.414 $\pm$ 715.035 χ^2 /NDF: 50.0/49

- sign -65.485 $\pm$ 1024.775 χ^2 /NDF: 22.6/23

asym_atr_dd_correction_rms vs Slug



Right In: 5069.292+/-9.230 χ^2/NDF : 0.0/0

Left Out: 4180.398+/-0.708 χ^2/NDF :1376701.5/24

Right Out: 7224.668+/-8.283 χ^2/NDF : 0.0/0

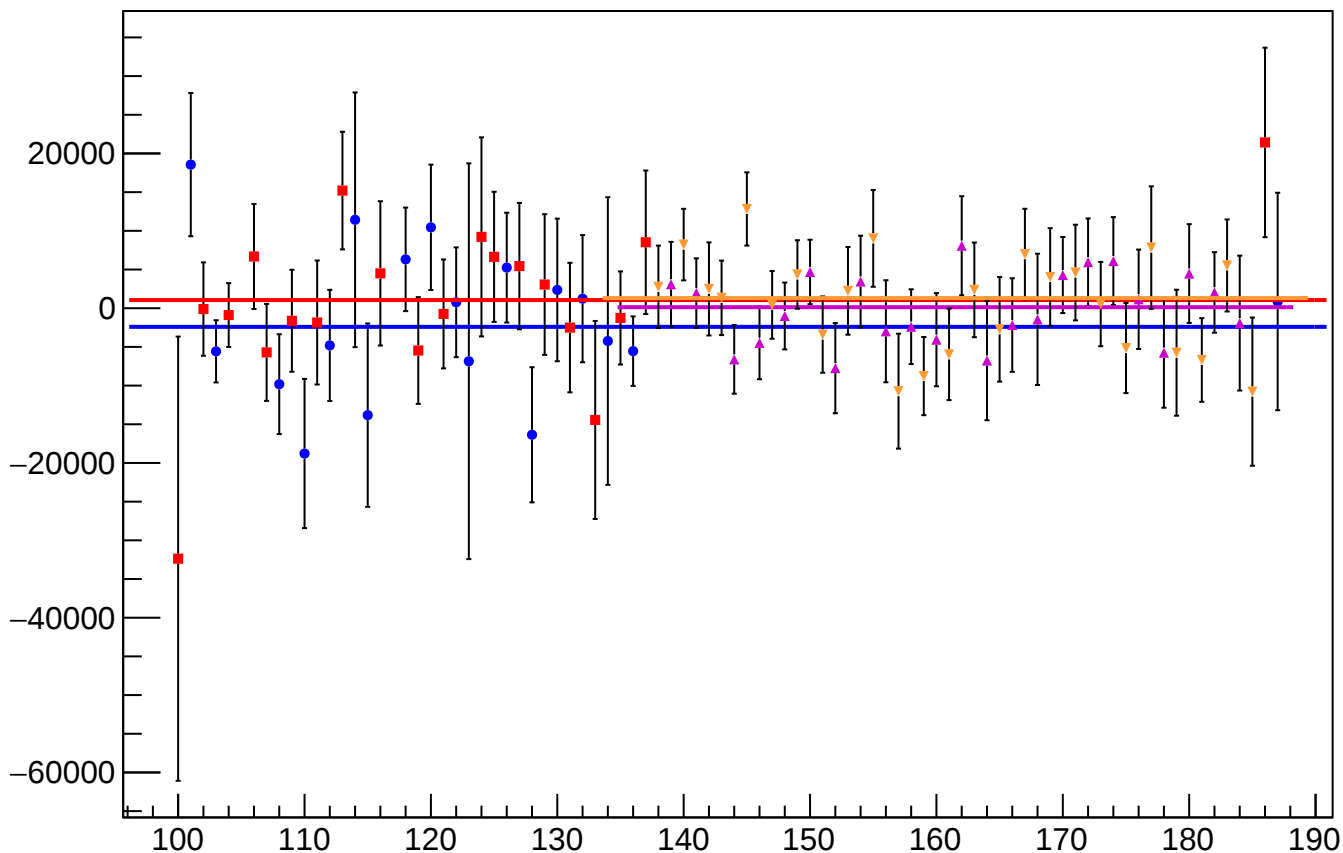
Left In: 4223.398+/-0.727 χ^2/NDF :1346399.1/22

+ sign 4185.596+/-0.706 χ^2/NDF : 1385922.4/25

All: 4215.184+/-0.506 χ^2/NDF : 2866228.2/49

- sign 4246.370+/-0.725 χ^2/NDF : 1476696.3/23

asym_atr_dd_mean vs Slug



Right In: -2408.669 ± 1782.773 χ^2/NDF : 20.9/17

Left Out: 1306.805 ± 1131.617 χ^2/NDF : 28.1/24

Right Out: 1053.985 ± 1673.954 χ^2/NDF : 14.7/19

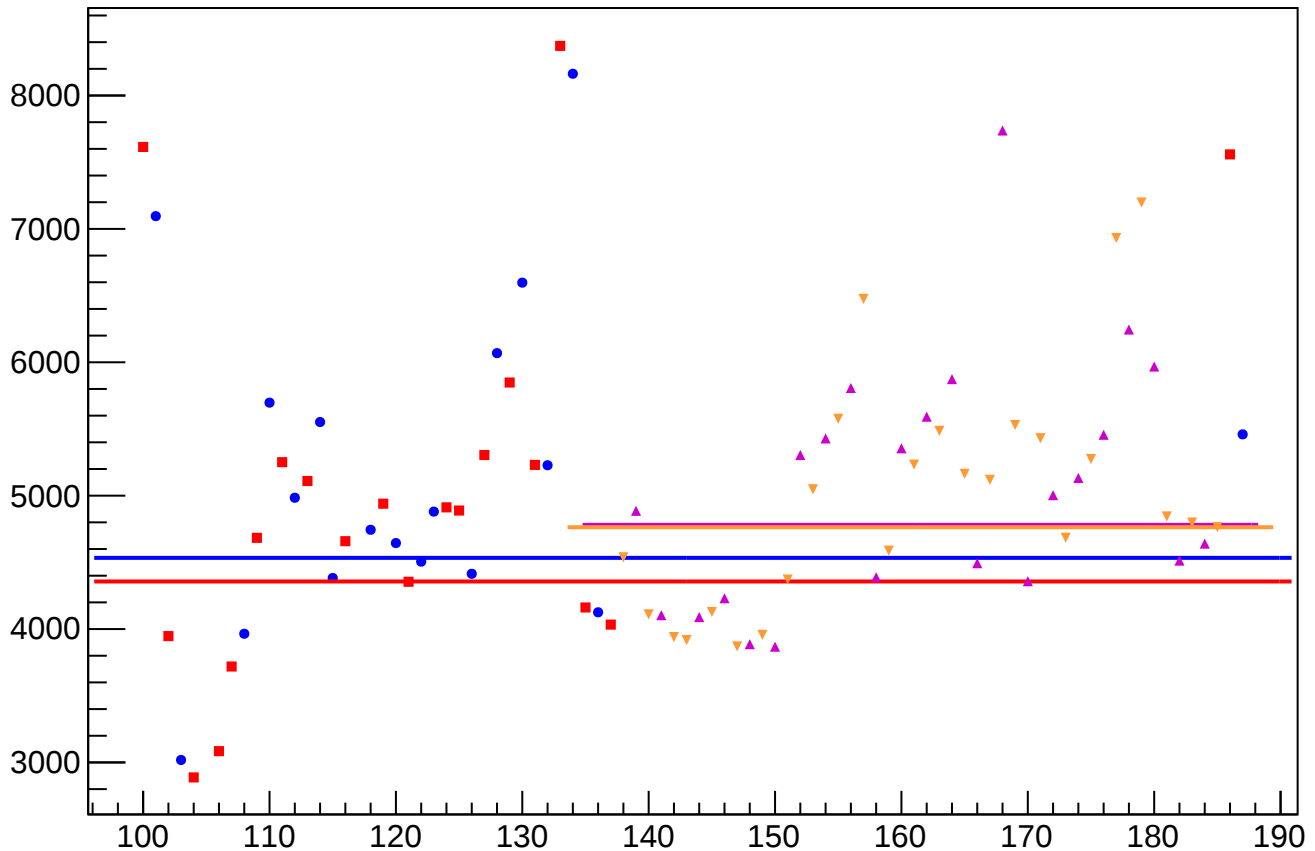
Left In: 131.428 ± 1157.282 χ^2/NDF : 14.9/22

+ sign 239.738 ± 955.399 χ^2/NDF : 52.1/42

All: 335.101 ± 674.342 χ^2/NDF : 81.9/85

- sign 429.775 ± 951.936 χ^2/NDF : 29.8/42

asym_atr_dd_rms vs Slug



Right In: 4533.828+/-1.261 χ^2/NDF : 779050.6/17

Left Out: 4763.190+/-0.800 χ^2/NDF : 941856.9/24

Right Out: 4356.659+/-1.177 χ^2/NDF : 910979.0/19

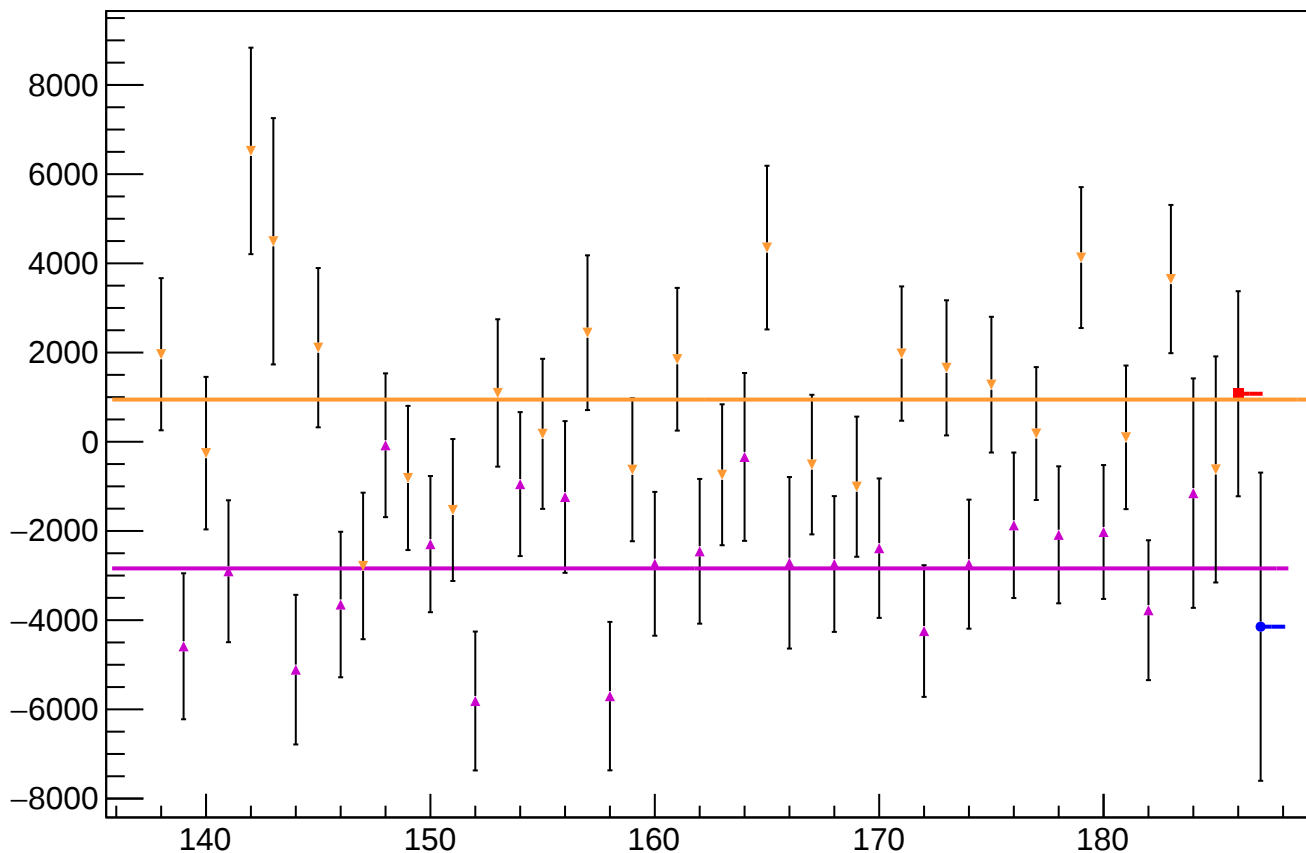
Left In: 4781.172+/-0.818 χ^2/NDF : 951542.2/22

+ sign 4697.318+/-0.676 χ^2/NDF : 1744504.2/42

All: 4669.948+/-0.476 χ^2/NDF : 3697962.8/85

- sign 4642.873+/-0.672 χ^2/NDF : 1950193.6/42

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: -4146.451 ± 3455.262 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 945.522 ± 335.741 $\chi^2/\text{NDF}: 35.1/24$

Right Out: 1076.667 ± 2299.207 $\chi^2/\text{NDF}: 0.0/0$

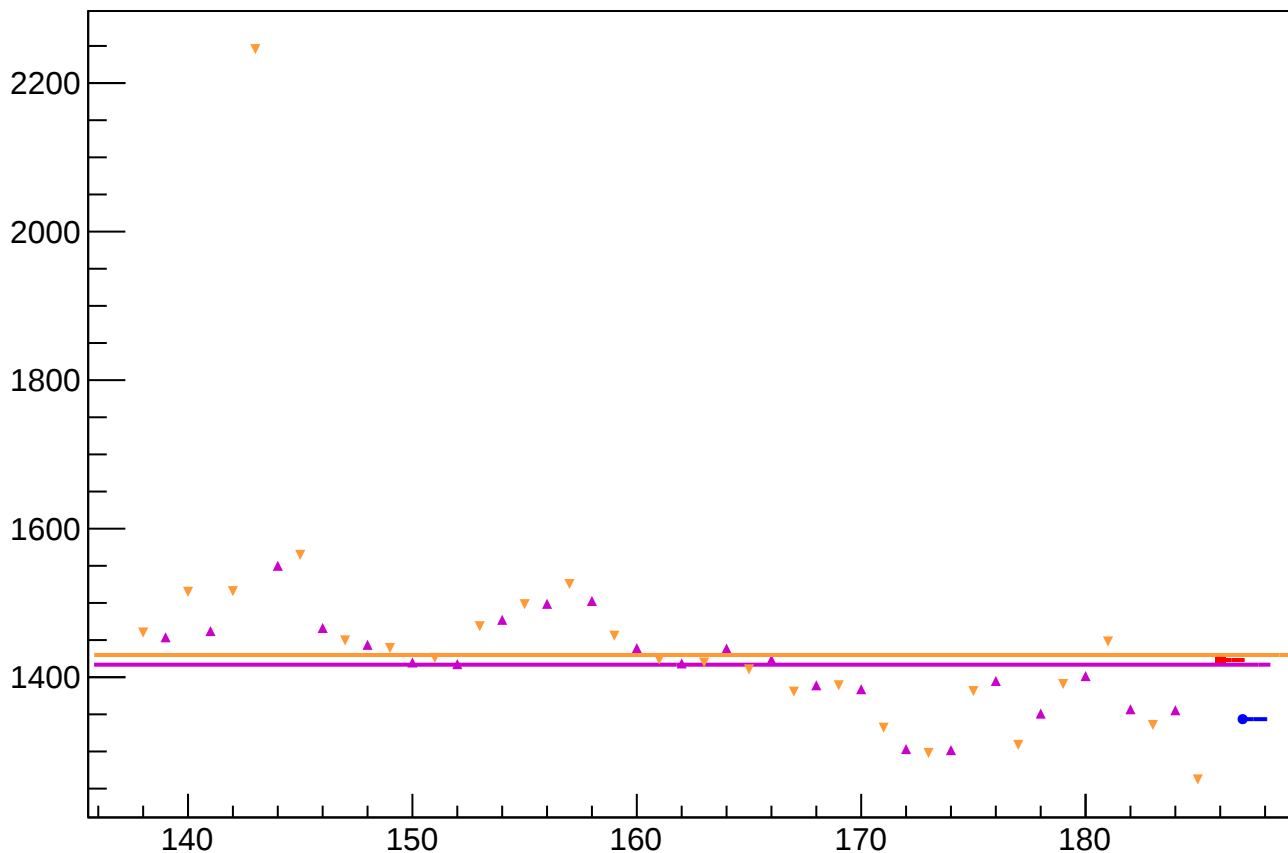
Left In: -2839.506 ± 338.801 $\chi^2/\text{NDF}: 19.6/22$

+ sign 897.895 ± 334.168 $\chi^2/\text{NDF}: 37.2/25$

All: -923.654 ± 236.650 $\chi^2/\text{NDF}: 119.3/49$

- sign -2756.279 ± 335.182 $\chi^2/\text{NDF}: 22.5/23$

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1343.524 $\pm$ 2.443 χ^2 /NDF: 0.0/0

Left Out: 1429.945 $\pm$ 0.237 χ^2 /NDF: 264824.6/24

Right Out: 1423.132 $\pm$ 1.626 χ^2 /NDF: 0.0/0

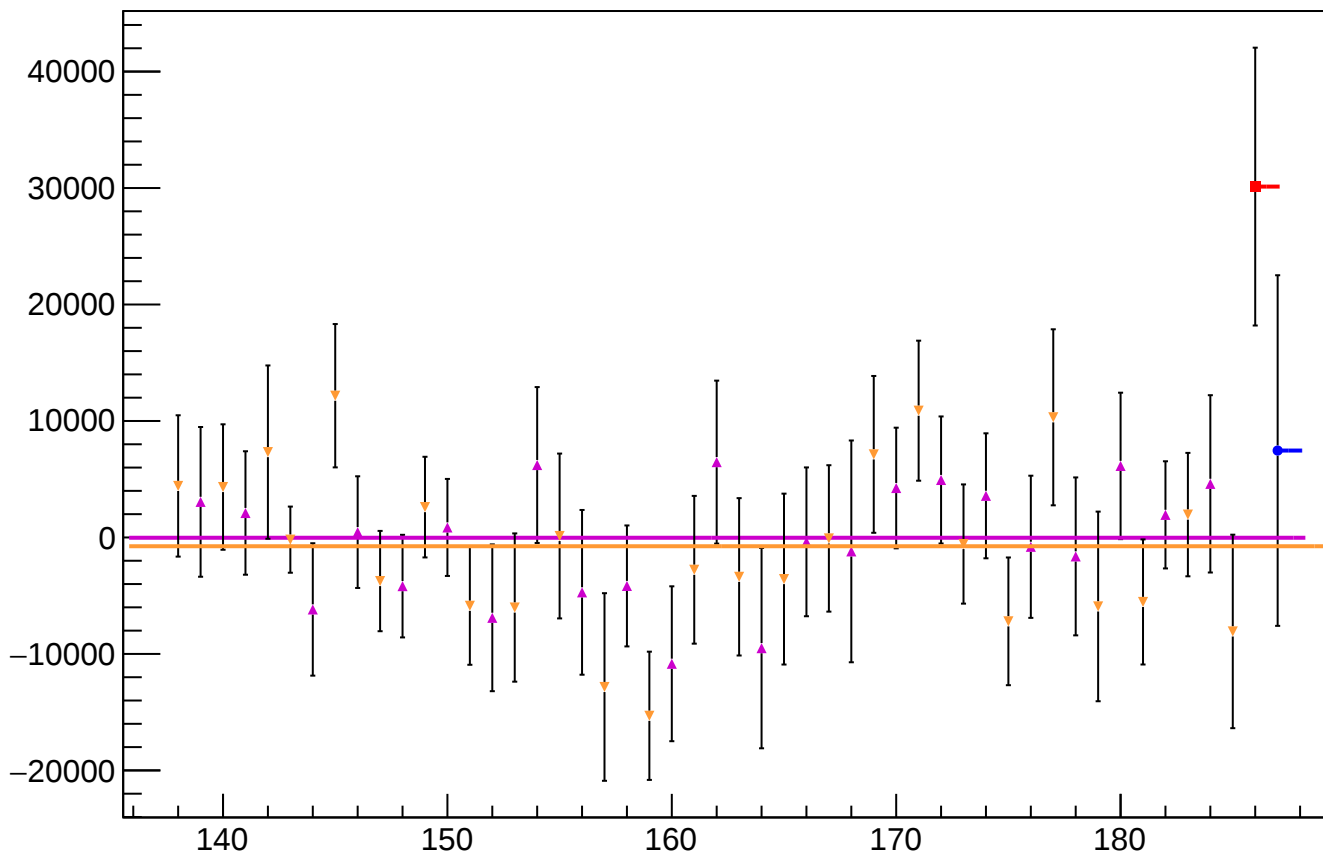
Left In: 1416.873 $\pm$ 0.240 χ^2 /NDF: 65421.7/22

+ sign 1429.137 $\pm$ 0.236 χ^2 /NDF: 266064.1/25

All: 1423.090 $\pm$ 0.167 χ^2 /NDF: 332814.1/49

- sign 1417.006 $\pm$ 0.237 χ^2 /NDF: 65436.2/23

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 7461.232 $\pm$ 15051.731 χ^2 /NDF: 0.0/0

Left Out: -754.058 $\pm$ 1118.796 χ^2 /NDF:30.6/24

Right Out: 30124.155 $\pm$ 11926.963 χ^2 /NDF: 0.0/0

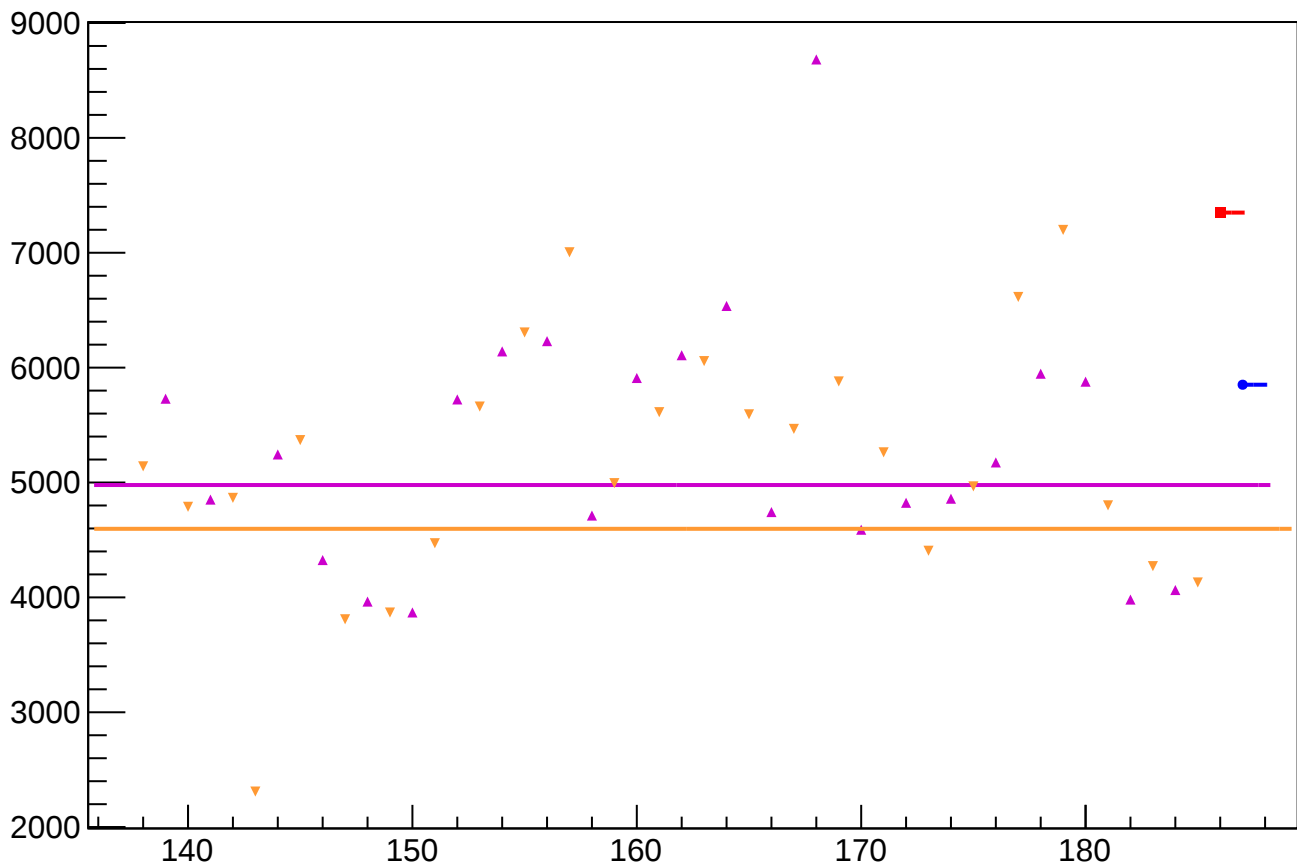
Left In: -25.920 $\pm$ 1208.952 χ^2 /NDF:13.9/22

+ sign -708.918 $\pm$ 1115.719 χ^2 /NDF: 30.9/25

All: -251.219 $\pm$ 817.984 χ^2 /NDF: 51.5/49

- sign 280.706 $\pm$ 1202.789 χ^2 /NDF: 20.3/23

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 5851.204+/-10.643 χ^2/NDF : 0.0/0

Left Out: 4596.997+/-0.791 χ^2/NDF : 2529395.4/24

Right Out: 7349.528+/-8.434 χ^2/NDF : 0.0/0

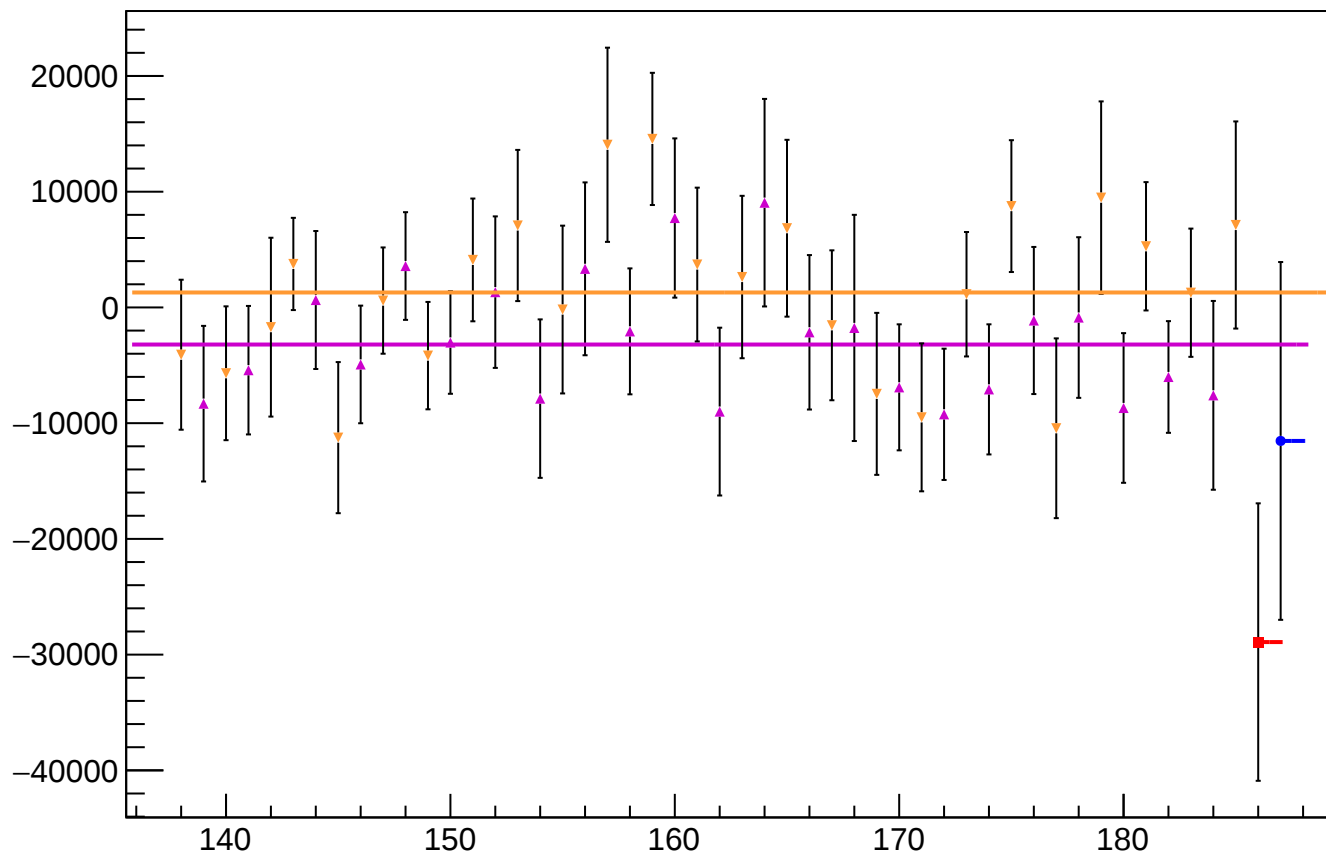
Left In: 4978.135+/-0.855 χ^2/NDF : 1157494.7/22

+ sign 4603.889+/-0.789 χ^2/NDF : 2543205.6/25

All: 4788.131+/-0.578 χ^2/NDF : 3896880.7/49

- sign 5002.252+/-0.851 χ^2/NDF : 1235754.3/23

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: -11535.233+/-15458.115 χ^2 /NDF: 0.0/0

Left Out: 1292.246+/-1215.761 χ^2 /NDF:27.8/24

Right Out: -28914.795+/-11987.514 χ^2 /NDF: 0.0/0

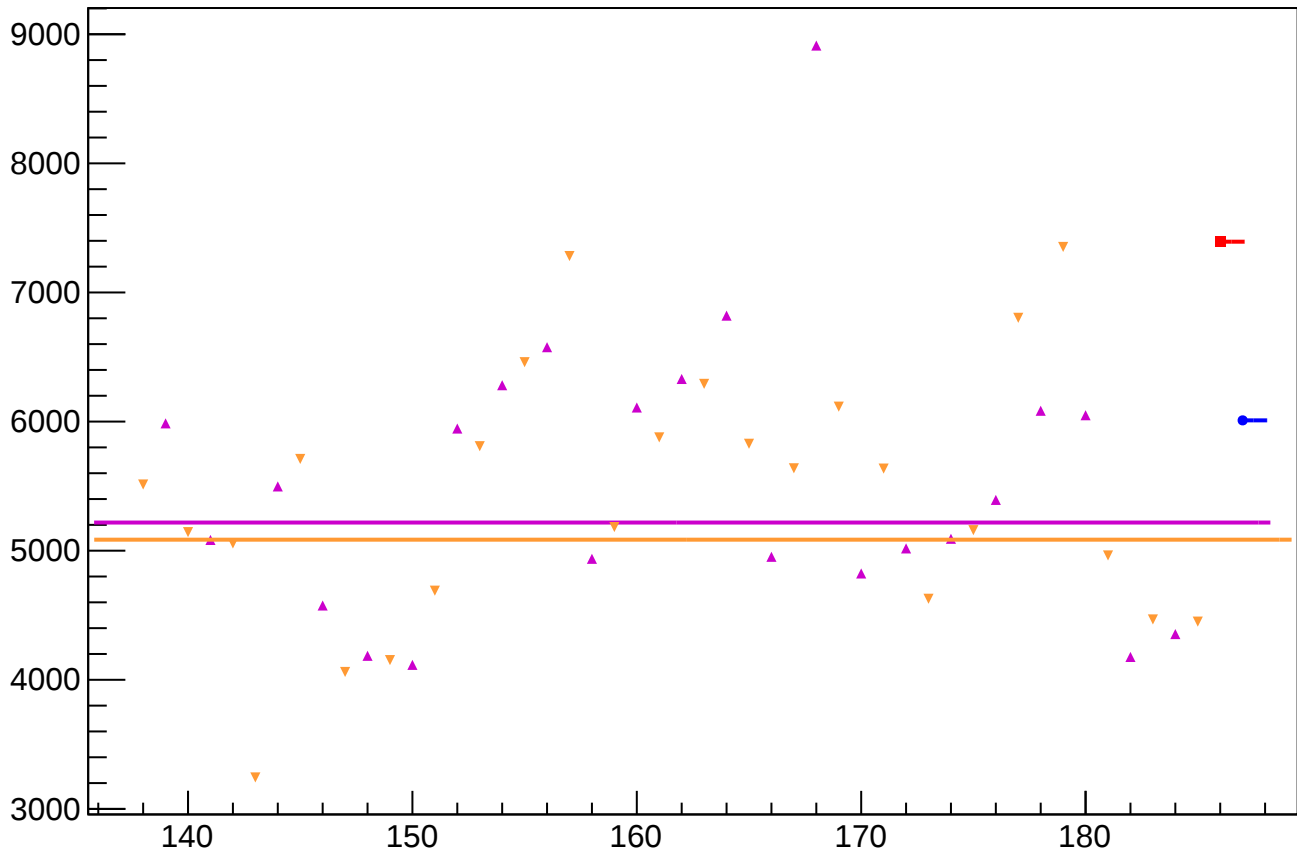
Left In: -3205.363+/-1265.586 χ^2 /NDF:13.9/22

+ sign 1213.388+/-1212.019 χ^2 /NDF: 28.5/25

All: -1049.081+/-873.027 χ^2 /NDF: 54.2/49

- sign -3488.766+/-1258.592 χ^2 /NDF: 18.4/23

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 6009.383+/-10.931 χ^2/NDF : 0.0/0

Left Out: 5085.307+/-0.860 χ^2/NDF :1356698.4/24

Right Out: 7393.224+/-8.476 χ^2/NDF : 0.0/0

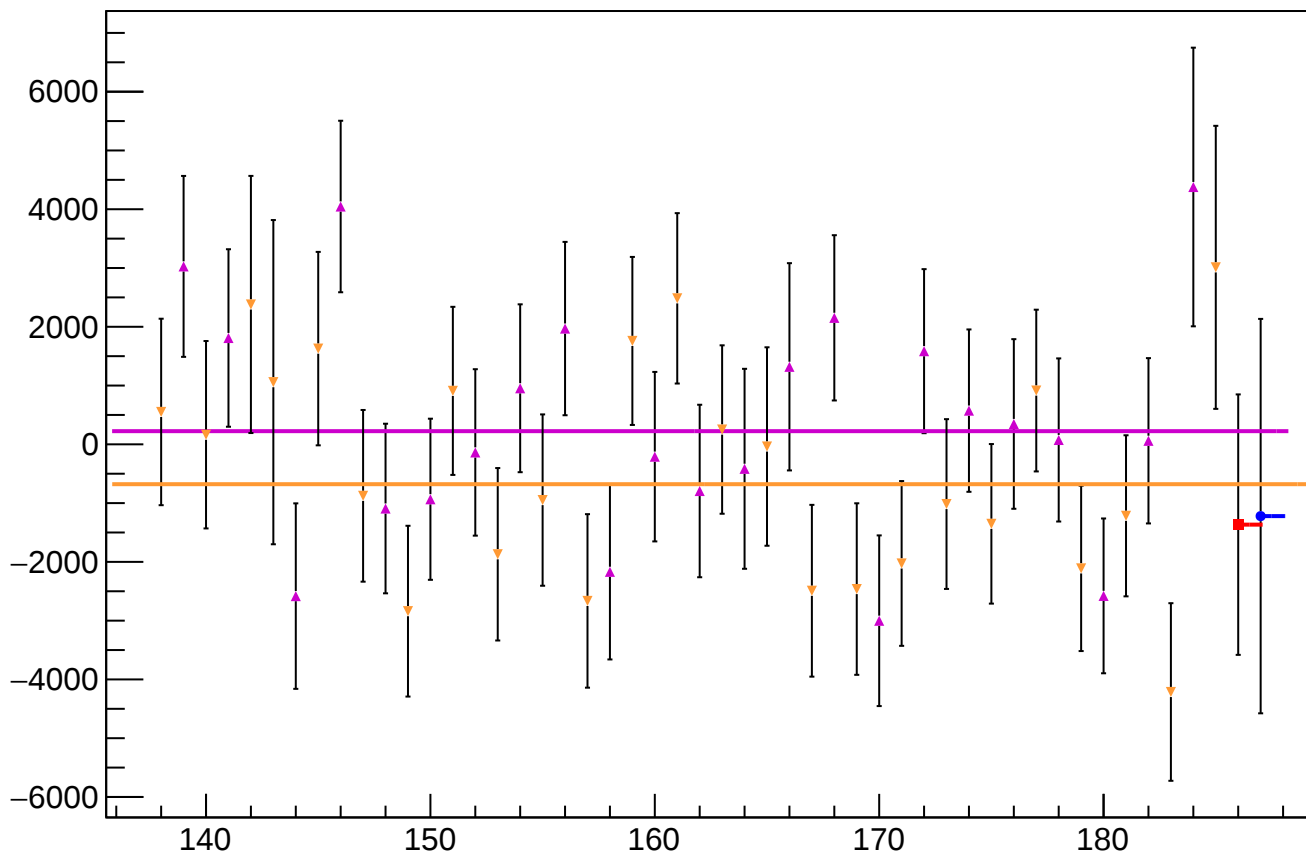
Left In: 5217.971+/-0.895 χ^2/NDF :1058996.1/22

+ sign 5090.988+/-0.857 χ^2/NDF : 1363801.6/25

All: 5163.624+/-0.617 χ^2/NDF : 2502856.2/49

- sign 5241.950+/-0.890 χ^2/NDF : 1124125.5/23

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1221.249 $\pm$ 3355.524 χ^2 /NDF: 0.0/0

Left Out: -678.239 $\pm$ 304.647 χ^2 /NDF:34.0/24

Right Out: -1366.324 $\pm$ 2215.765 χ^2 /NDF: 0.0/0

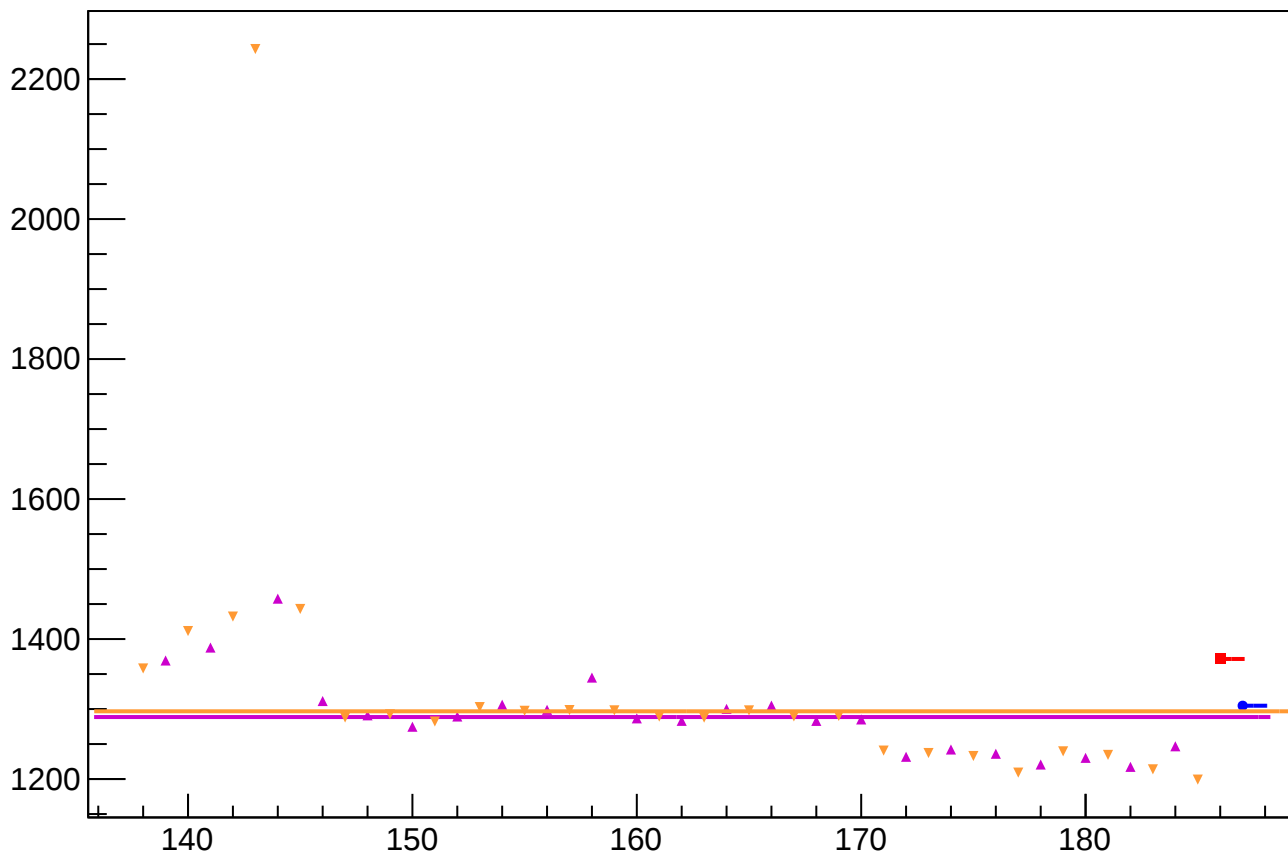
Left In: 224.118 $\pm$ 308.124 χ^2 /NDF:36.9/22

+ sign -682.679 $\pm$ 303.399 χ^2 /NDF: 34.0/25

All: -246.941 $\pm$ 215.165 χ^2 /NDF: 75.5/49

- sign 193.946 $\pm$ 305.187 χ^2 /NDF: 37.4/23

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1304.763+/-2.373 χ^2/NDF : 0.0/0

Left Out: 1296.780+/-0.215 χ^2/NDF : 308532.9/24

Right Out: 1371.548+/-1.567 χ^2/NDF : 0.0/0

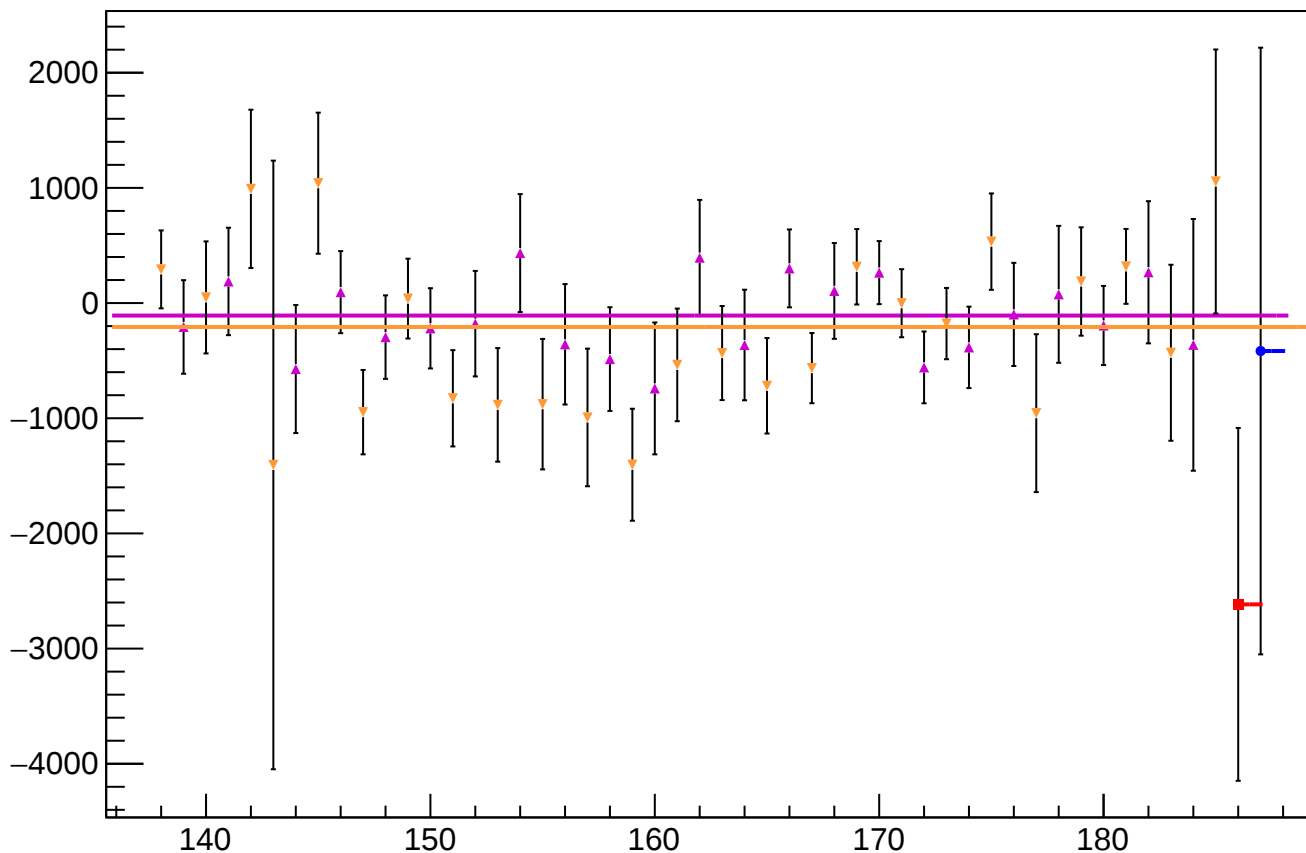
Left In: 1288.577+/-0.218 χ^2/NDF : 64066.8/22

+ sign 1296.846+/-0.215 χ^2/NDF : 308544.2/25

All: 1293.518+/-0.152 χ^2/NDF : 375846.1/49

- sign 1290.151+/-0.216 χ^2/NDF : 66817.9/23

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -416.388 $\pm$ 2633.823 χ^2/NDF : 0.0/0

Left Out: -207.768 $\pm$ 85.771 χ^2/NDF : 43.3/24

Right Out: -2616.181 $\pm$ 1531.713 χ^2/NDF : 0.0/0

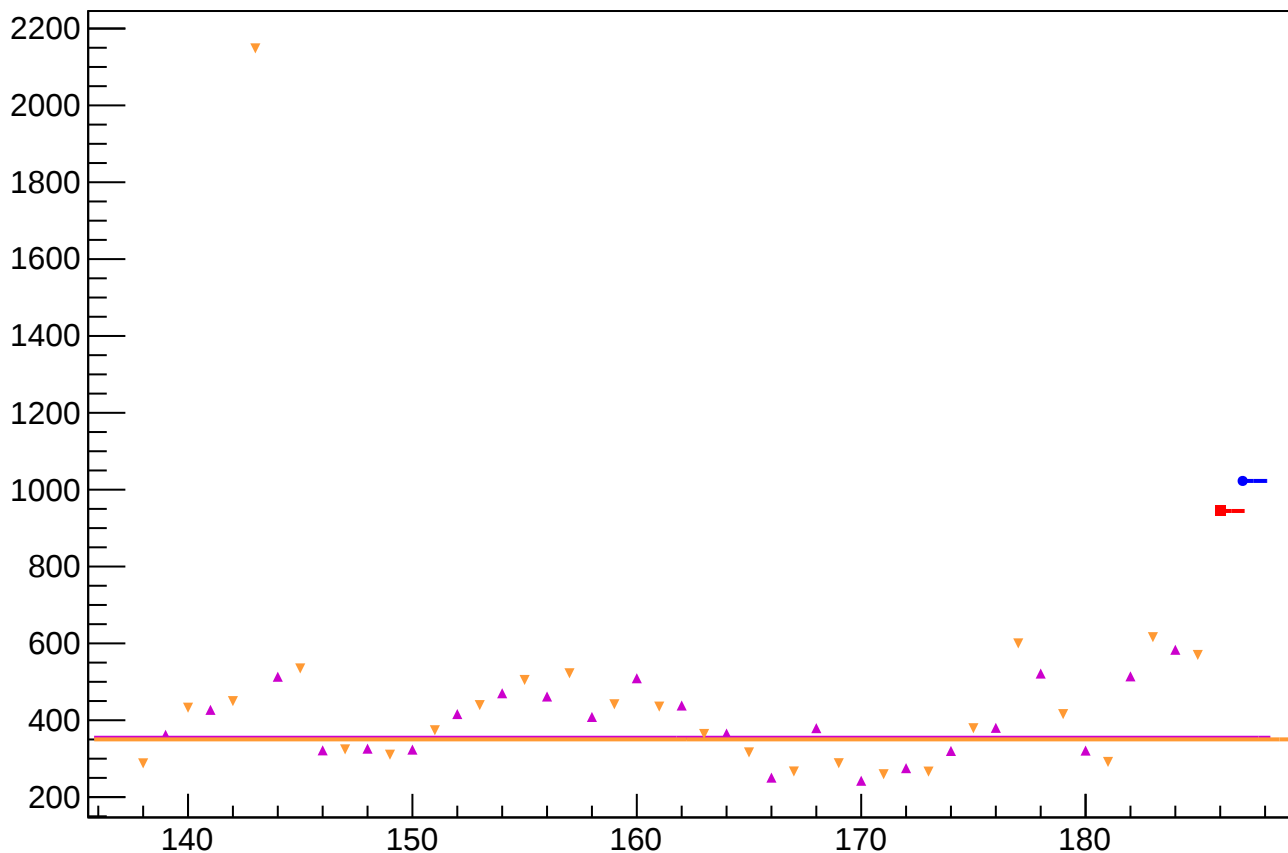
Left In: -108.502 $\pm$ 87.013 χ^2/NDF : 13.3/22

+ sign -207.989 $\pm$ 85.726 χ^2/NDF : 43.4/25

All: -162.886 $\pm$ 61.019 χ^2/NDF : 59.9/49

- sign -116.568 $\pm$ 86.873 χ^2/NDF : 16.0/23

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 1022.754+/-1.862 χ^2/NDF : 0.0/0

Left Out: 350.207+/-0.061 χ^2/NDF : 3098227.1/24

Right Out: 944.576+/-1.083 χ^2/NDF : 0.0/0

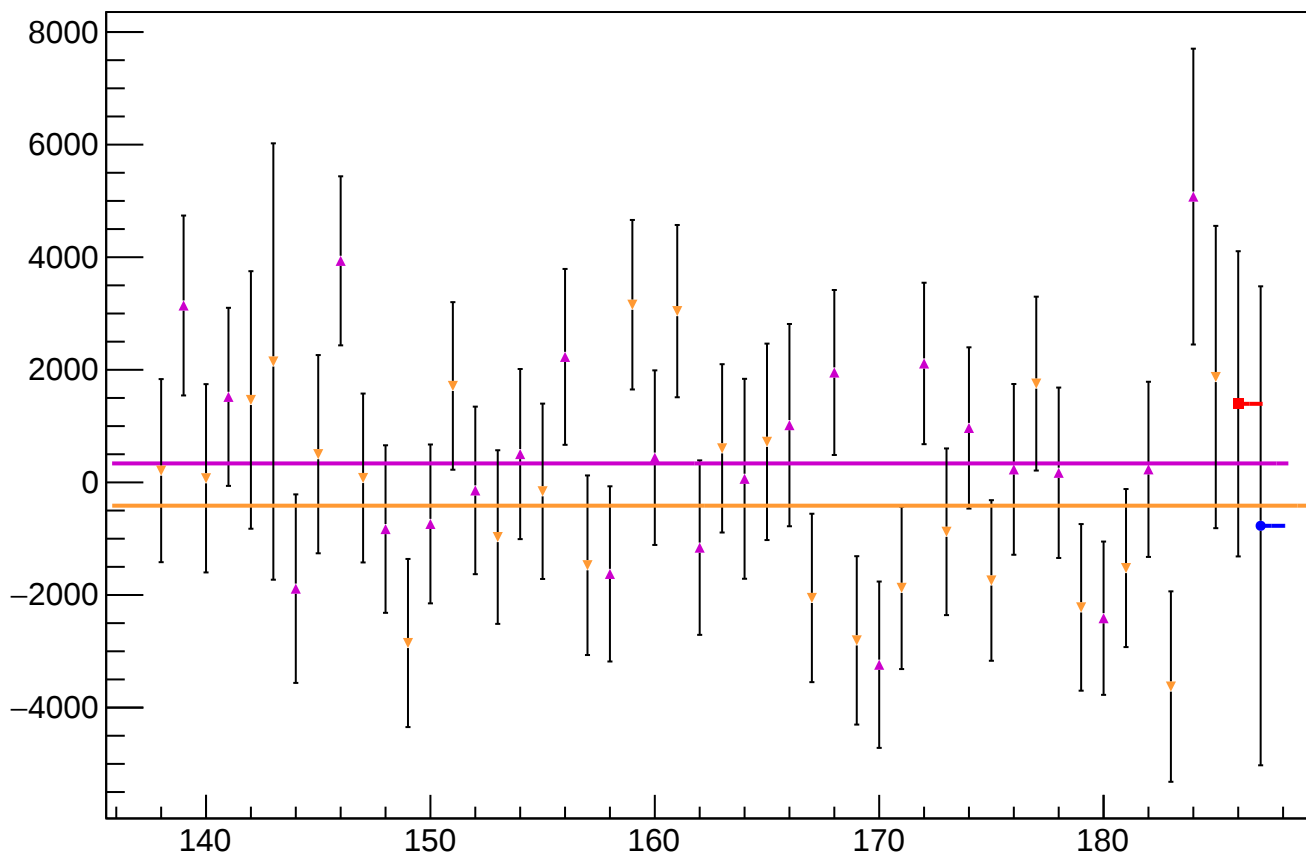
Left In: 354.460+/-0.062 χ^2/NDF : 1794499.3/22

+ sign 350.919+/-0.061 χ^2/NDF : 3228496.2/25

All: 353.603+/-0.043 χ^2/NDF : 5322871.2/49

- sign 356.359+/-0.061 χ^2/NDF : 2090402.6/23

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.055+/-4254.110 χ^2/NDF : 0.0/0

Left Out: -413.407+/-320.677 χ^2/NDF : 32.8/24

Right Out: 1395.825+/-2710.818 χ^2/NDF : 0.0/0

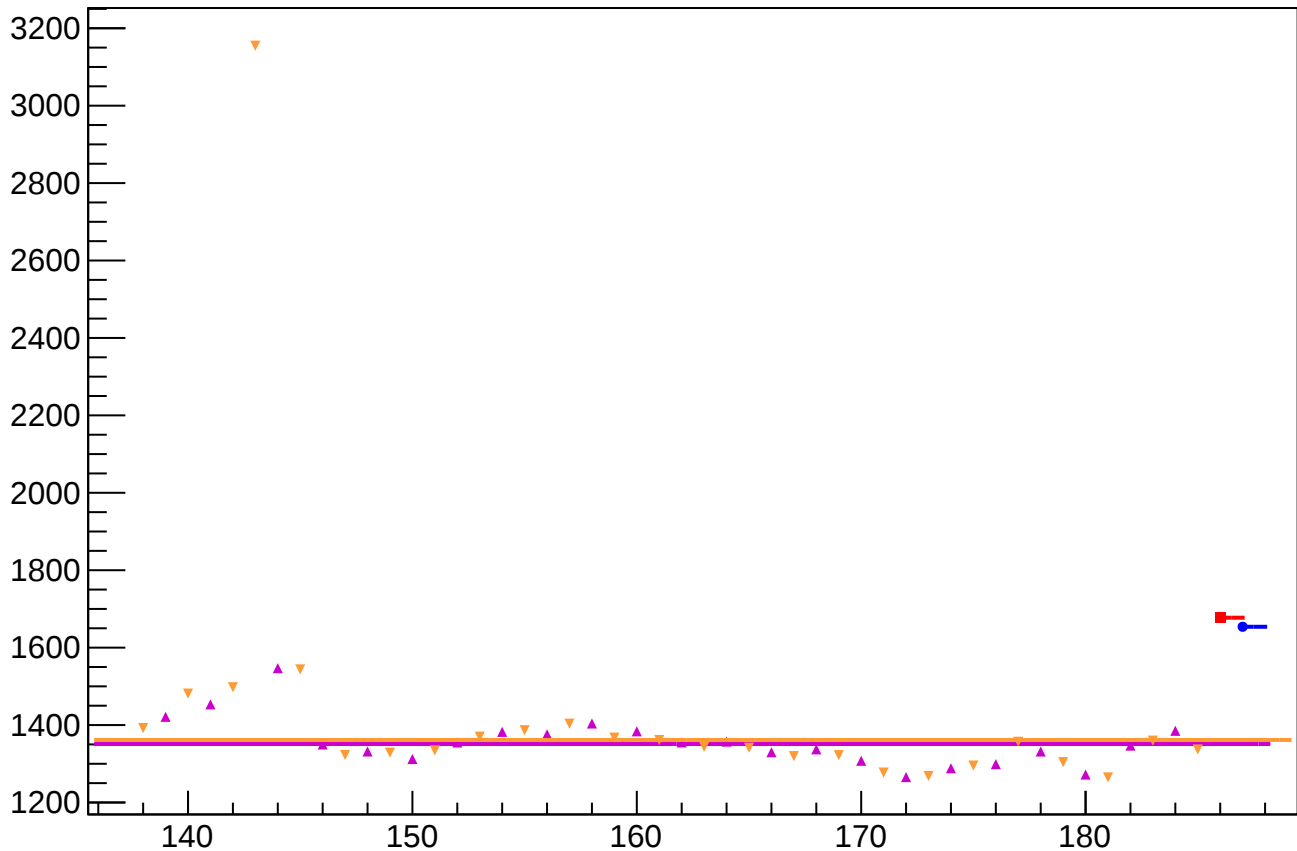
Left In: 337.193+/-323.023 χ^2/NDF : 32.8/22

+ sign -415.428+/-319.770 χ^2/NDF : 32.8/25

All: -32.886+/-226.458 χ^2/NDF : 68.6/49

- sign 352.014+/-320.754 χ^2/NDF : 32.9/23

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1653.880+/-3.008 χ^2/NDF : 0.0/0

Left Out: 1361.511+/-0.227 χ^2/NDF : 507869.8/24

Right Out: 1677.329+/-1.917 χ^2/NDF : 0.0/0

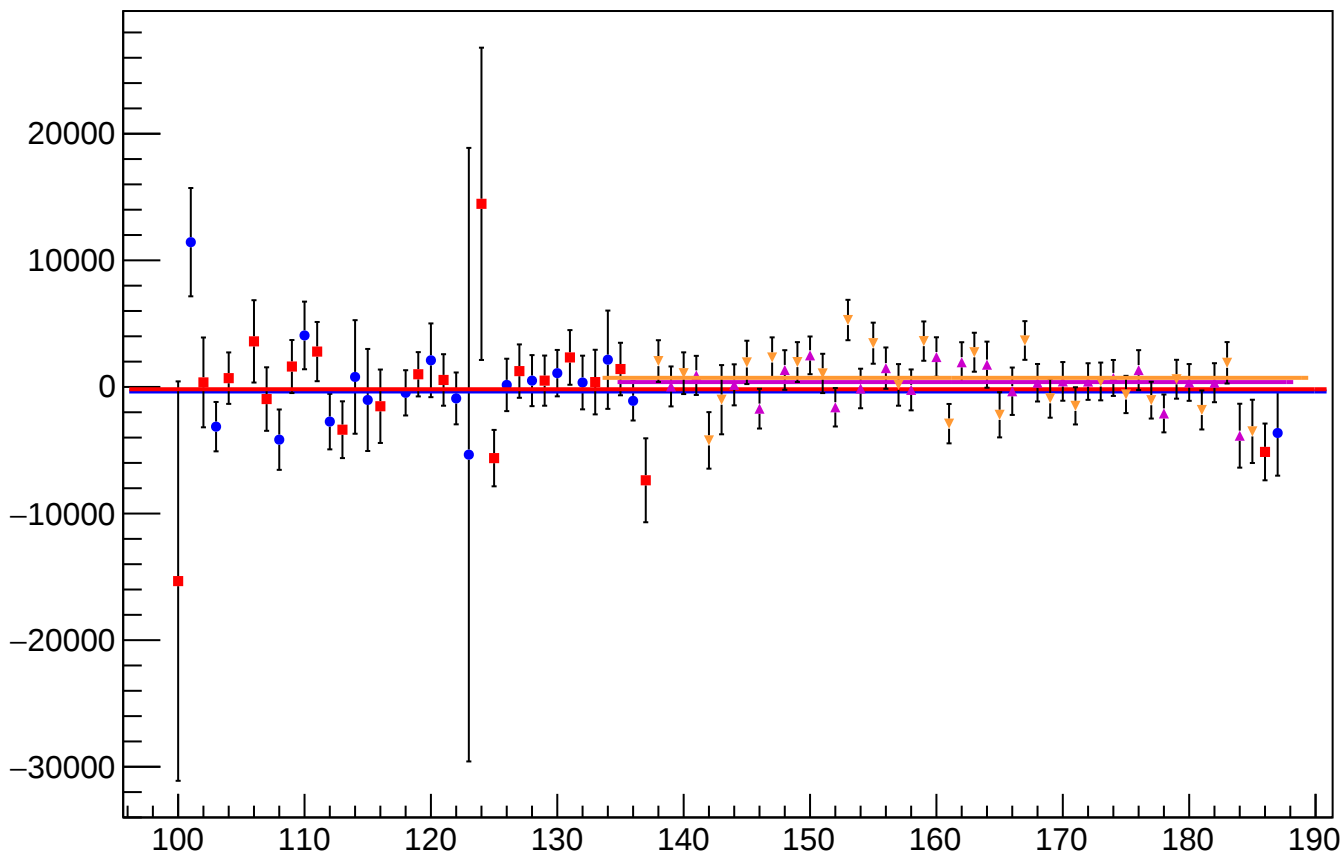
Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

+ sign 1363.162+/-0.226 χ^2/NDF : 517263.1/25

All: 1359.383+/-0.160 χ^2/NDF : 615376.4/49

- sign 1355.581+/-0.227 χ^2/NDF : 97553.0/23

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -359.481 ± 559.585 χ^2/NDF : 19.6/17

Left Out: 719.996 ± 325.895 χ^2/NDF : 48.2/24

Right Out: -180.549 ± 538.020 χ^2/NDF : 27.3/19

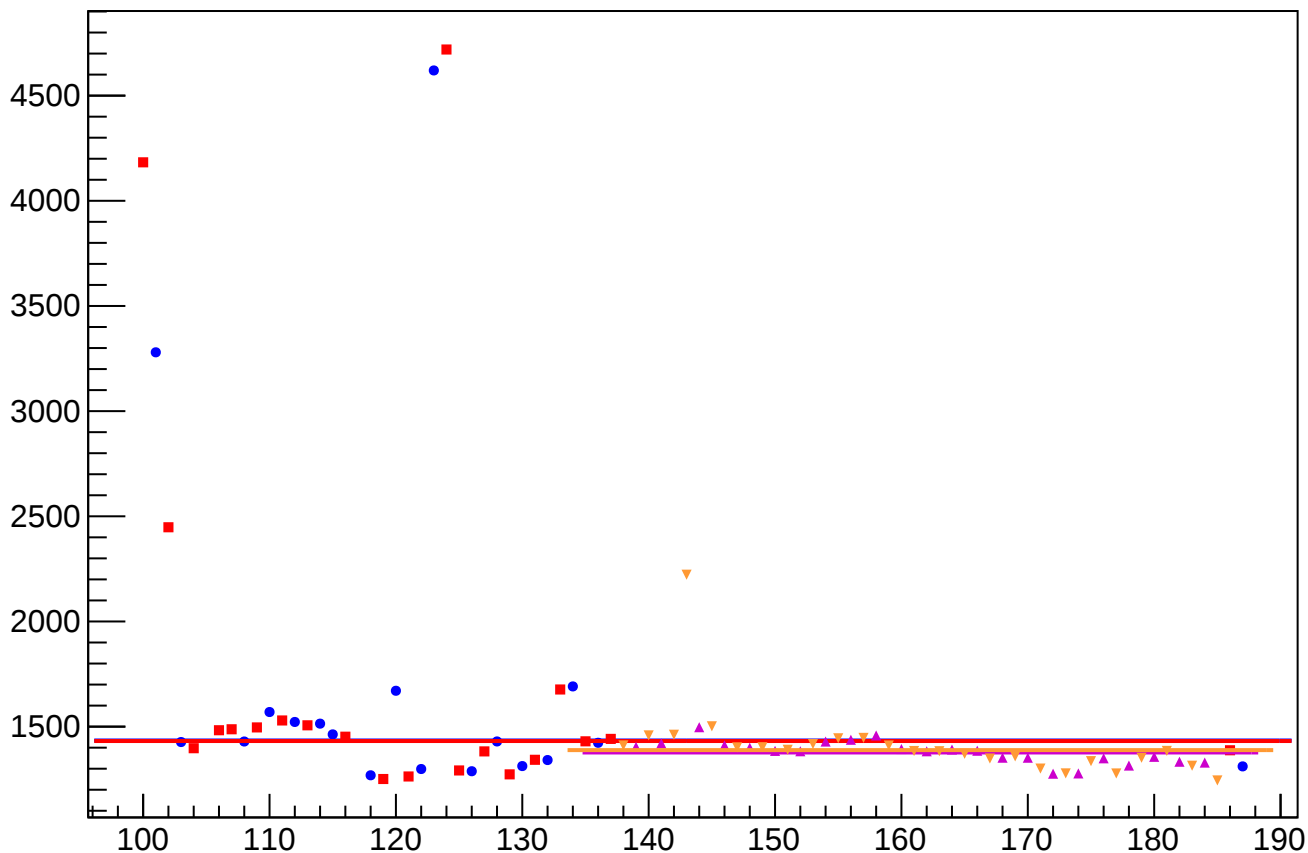
Left In: 384.154 ± 329.218 χ^2/NDF : 16.1/22

+ sign 446.595 ± 281.617 χ^2/NDF : 70.6/42

All: 338.147 ± 198.850 χ^2/NDF : 115.0/85

- sign 230.315 ± 280.816 χ^2/NDF : 44.2/42

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1434.090 $\pm$ 0.396 χ^2 /NDF: 489206.1/17

Left Out: 1388.373 $\pm$ 0.230 χ^2 /NDF: 253925.2/24

Right Out: 1431.593 $\pm$ 0.380 χ^2 /NDF: 456425.1/19

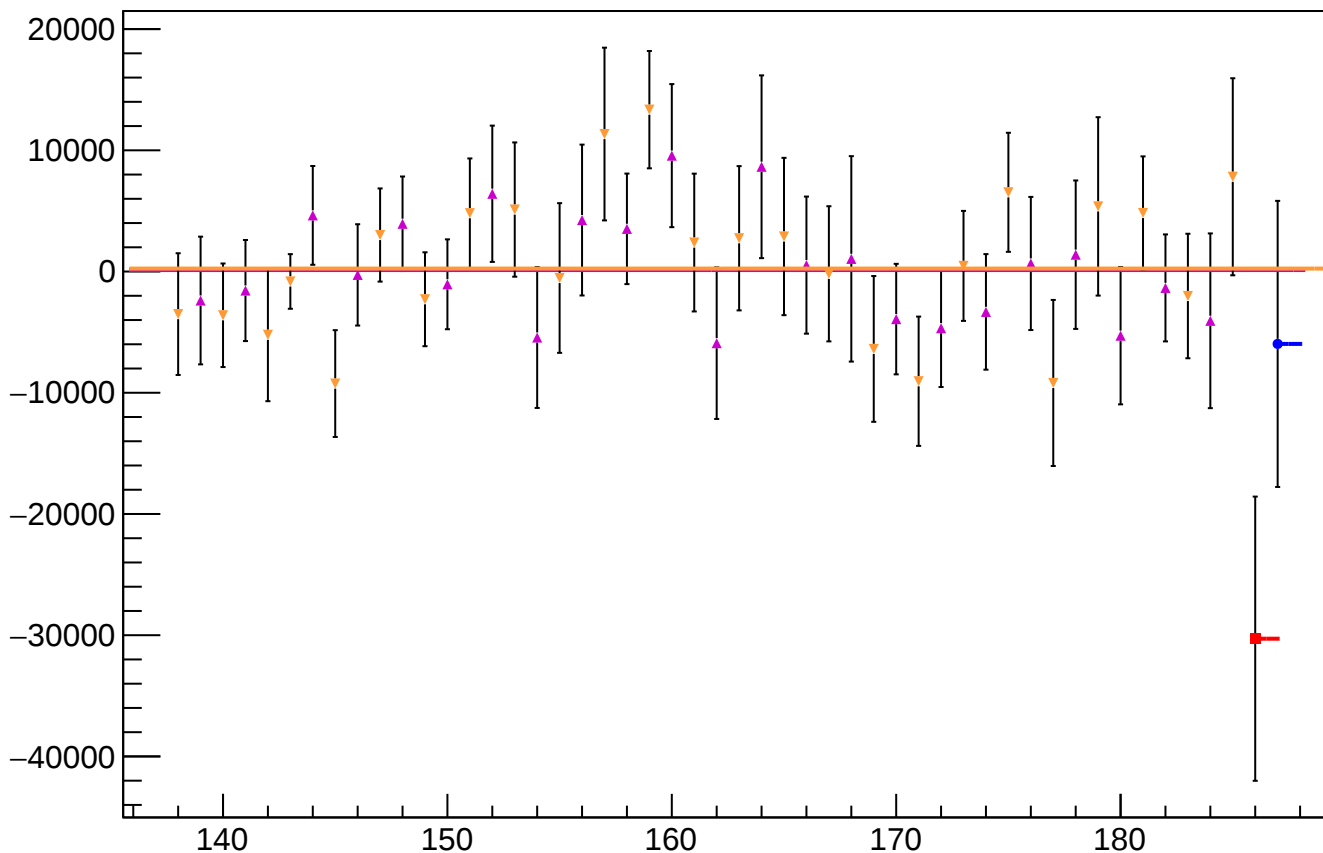
Left In: 1377.178 $\pm$ 0.233 χ^2 /NDF: 52477.1/22

+ sign 1399.952 $\pm$ 0.199 χ^2 /NDF: 753099.8/42

All: 1395.971 $\pm$ 0.141 χ^2 /NDF: 1277696.0/85

- sign 1392.015 $\pm$ 0.199 χ^2 /NDF: 523799.5/42

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -5970.763 $\pm$ 11800.563 χ^2 /NDF: 0.0/0

Left Out: 244.145 $\pm$ 958.930 χ^2 /NDF:30.5/24

Right Out: -30287.924 $\pm$ 11722.190 χ^2 /NDF: 0.0/0

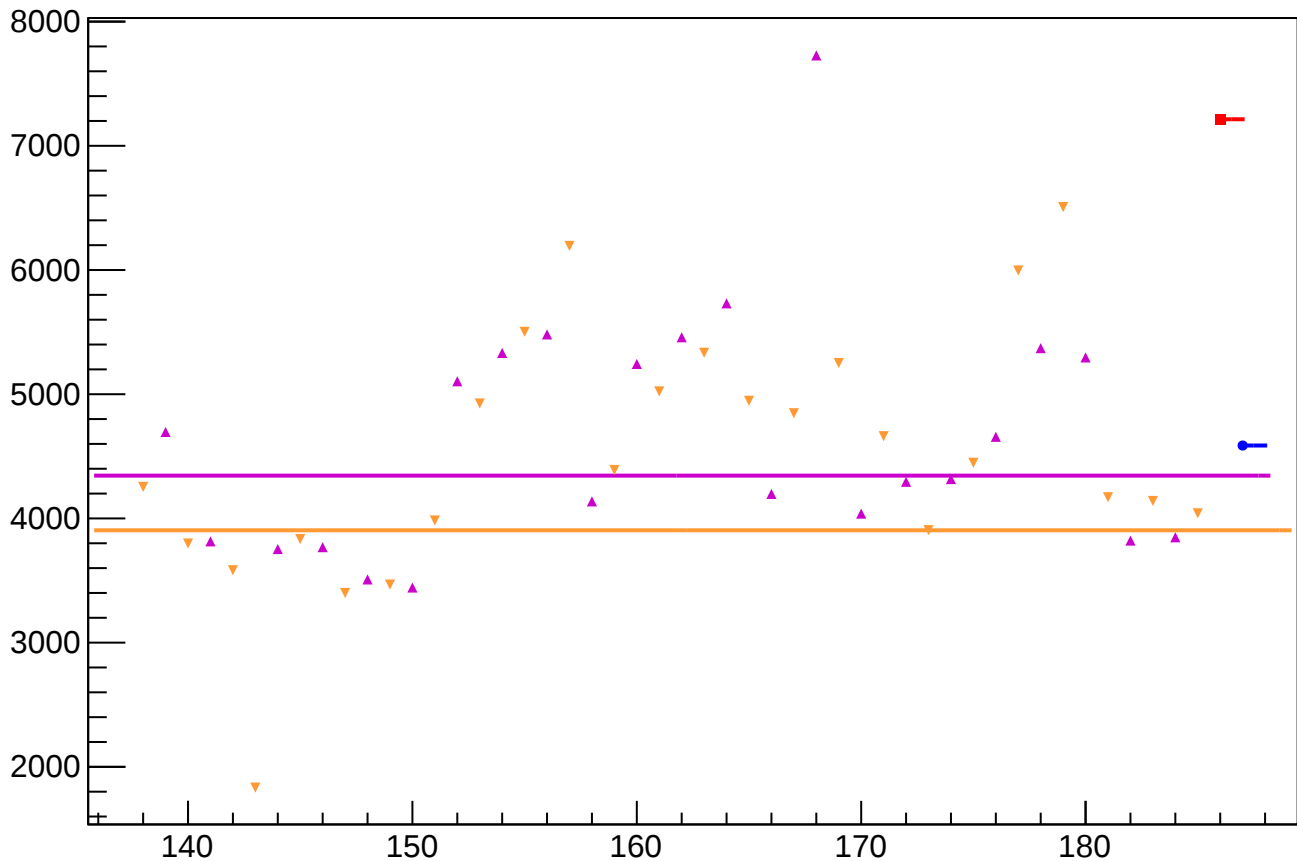
Left In: 123.071 $\pm$ 1055.240 χ^2 /NDF:14.3/22

+ sign 203.375 $\pm$ 955.780 χ^2 /NDF: 30.8/25

All: 56.366 $\pm$ 707.108 χ^2 /NDF: 51.9/49

- sign -121.390 $\pm$ 1050.990 χ^2 /NDF: 21.0/23

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 4587.015 $\pm$ 8.344 χ^2 /NDF: 0.0/0

Left Out: 3904.444 $\pm$ 0.678 χ^2 /NDF:3111666.2/24

Right Out: 7213.734 $\pm$ 8.289 χ^2 /NDF: 0.0/0

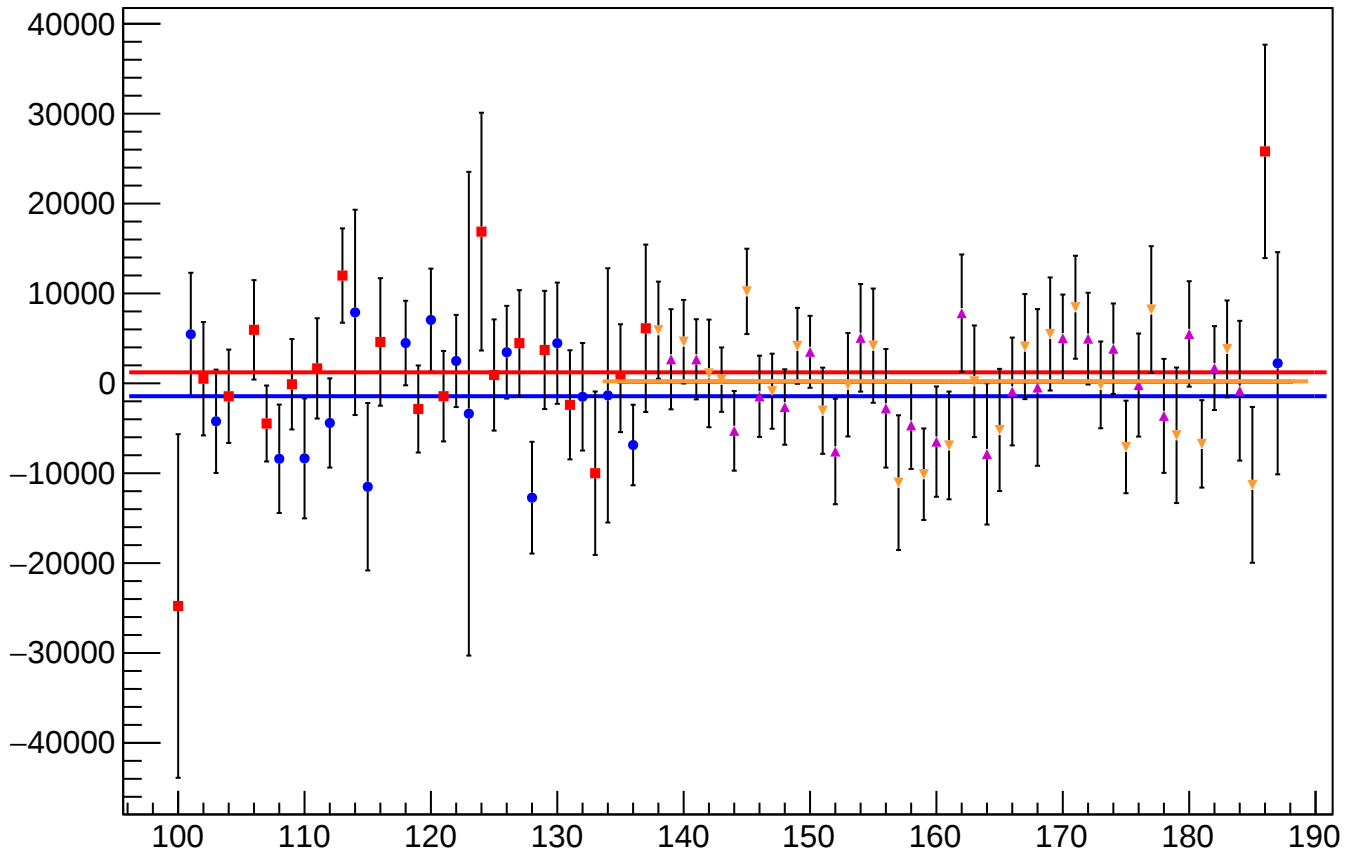
Left In: 4344.640 $\pm$ 0.746 χ^2 /NDF:1160183.3/22

+ sign 3908.922 $\pm$ 0.676 χ^2 /NDF: 3118313.8/25

All: 4116.595 $\pm$ 0.500 χ^2 /NDF: 4605939.8/49

- sign 4367.703 $\pm$ 0.743 χ^2 /NDF: 1279032.7/23

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1433.076 ± 1488.208 χ^2/NDF : 16.8/17

Left Out: 229.897 ± 1073.528 χ^2/NDF : 28.1/24

Right Out: 1225.698 ± 1369.703 χ^2/NDF : 18.5/19

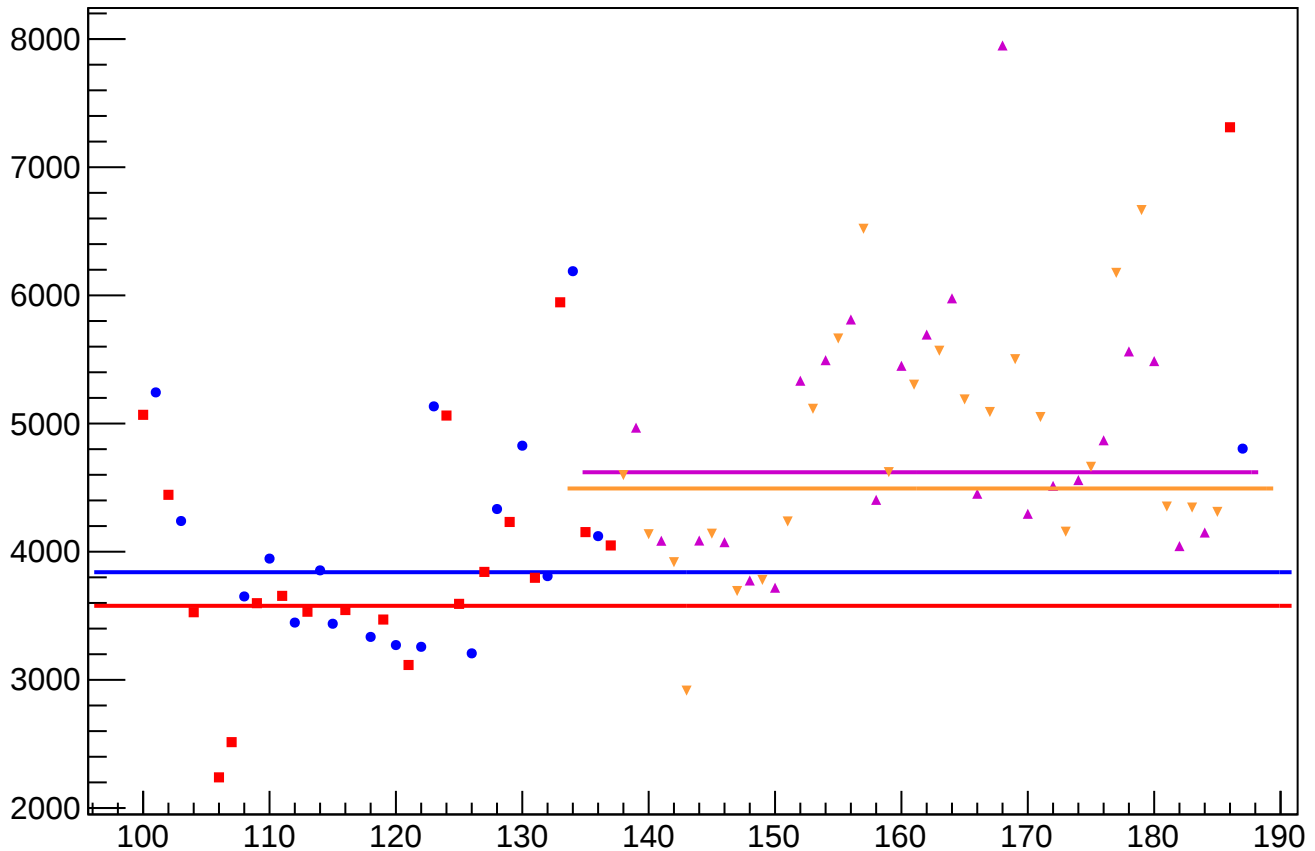
Left In: 185.280 ± 1119.296 χ^2/NDF : 14.3/22

+ sign -339.271 ± 870.645 χ^2/NDF : 45.7/42

All: 133.428 ± 614.244 χ^2/NDF : 79.4/85

- sign 601.866 ± 866.712 χ^2/NDF : 33.1/42

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3840.030+/-1.052 χ^2 /NDF: 346757.4/17

Left Out: 4493.314+/-0.759 χ^2 /NDF:1309134.5/24

Right Out: 3577.745+/-0.960 χ^2 /NDF: 755861.2/19

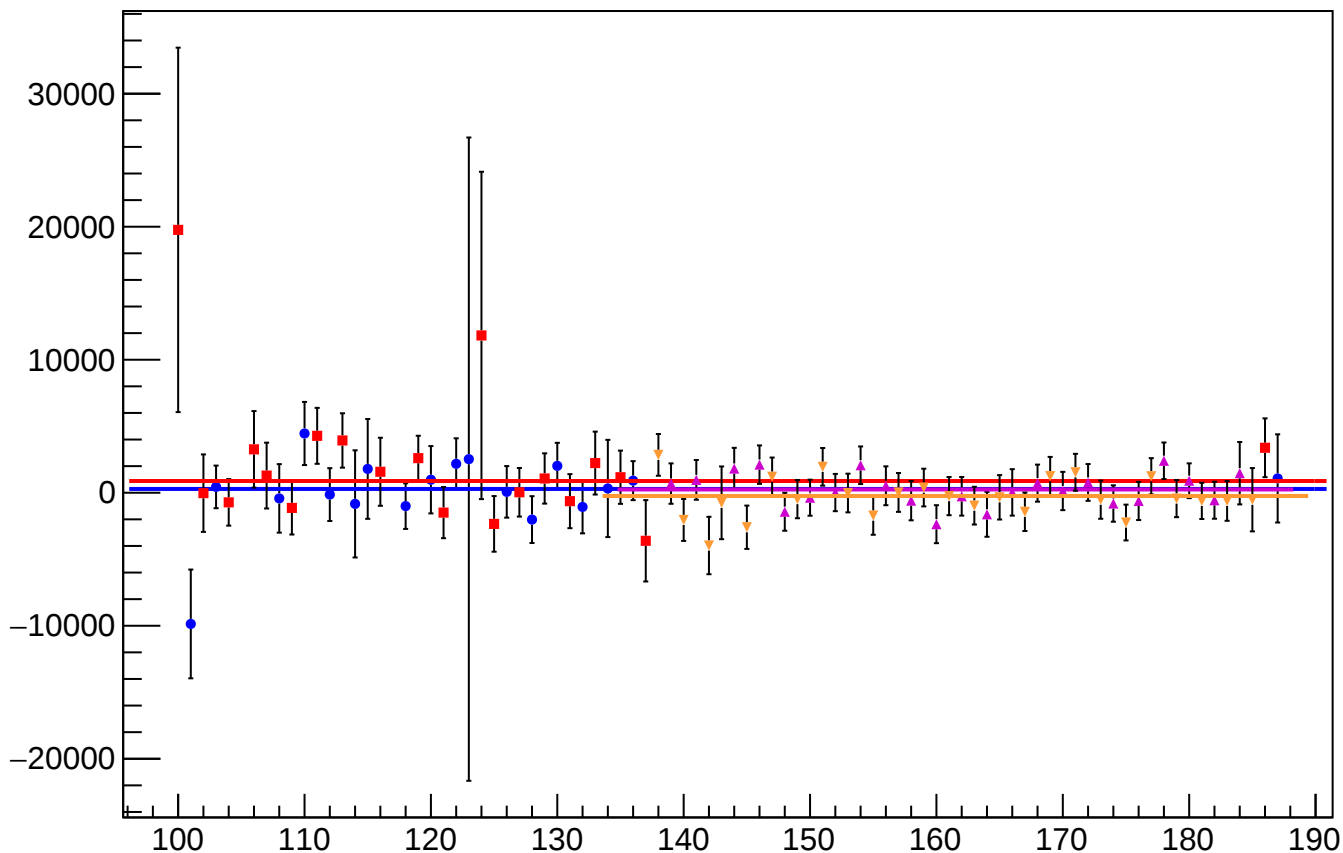
Left In: 4619.952+/-0.791 χ^2 /NDF:1001966.3/22

+ sign 4269.714+/-0.616 χ^2 /NDF: 1909390.9/42

All: 4233.632+/-0.434 χ^2 /NDF: 4375845.5/85

- sign 4198.133+/-0.611 χ^2 /NDF: 2459639.8/42

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 285.716 ± 517.121 χ^2/NDF : 14.7/17

Left Out: -242.571 ± 301.700 χ^2/NDF : 22.3/24

Right Out: 881.350 ± 498.596 χ^2/NDF : 19.8/19

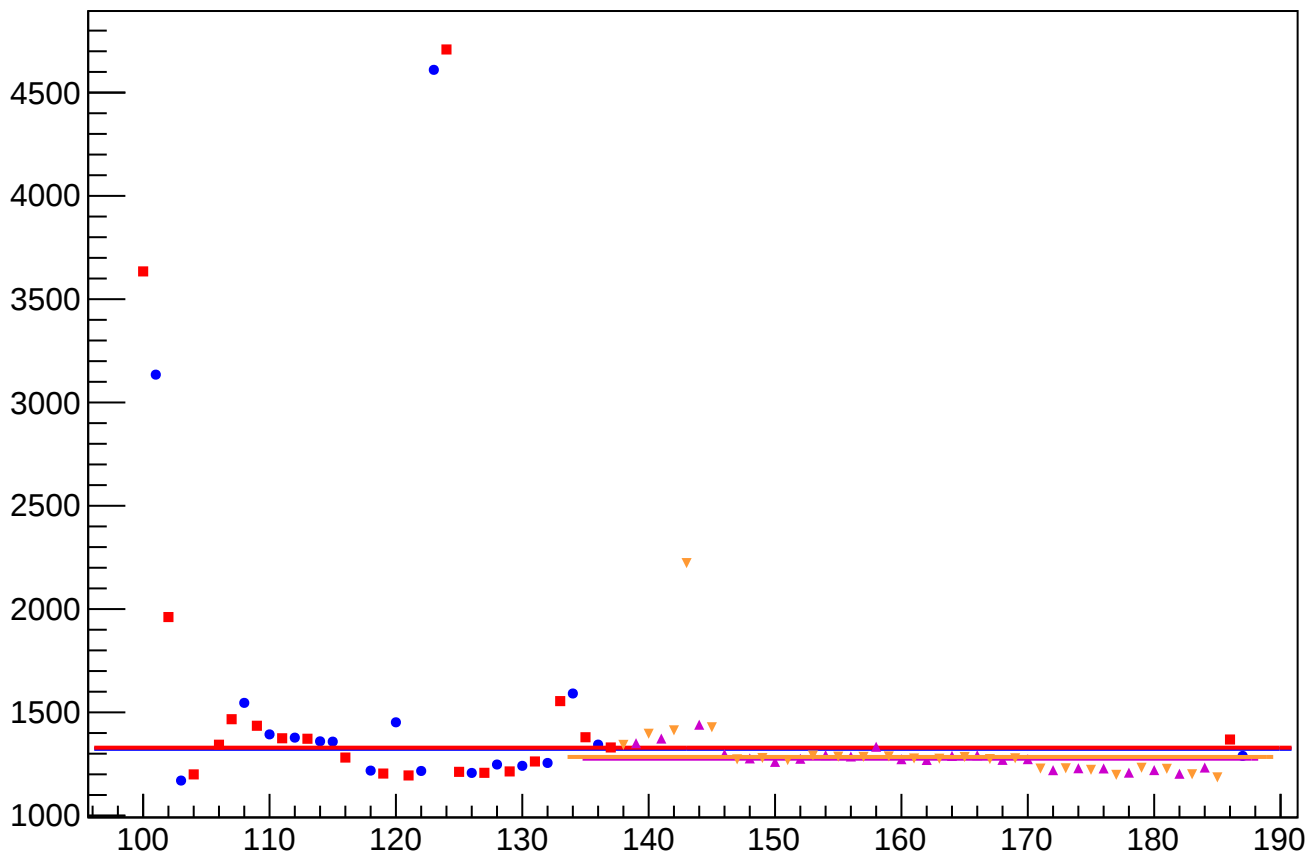
Left In: 245.829 ± 305.043 χ^2/NDF : 15.9/22

+ sign -108.416 ± 260.592 χ^2/NDF : 37.7/42

All: 155.641 ± 184.130 χ^2/NDF : 76.6/85

- sign 418.920 ± 260.208 χ^2/NDF : 36.9/42

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1323.427 $\pm$ 0.366 χ^2 /NDF: 514308.4/17

Left Out: 1284.208 $\pm$ 0.213 χ^2 /NDF:306696.8/24

Right Out: 1329.091 $\pm$ 0.353 χ^2 /NDF: 392749.4/19

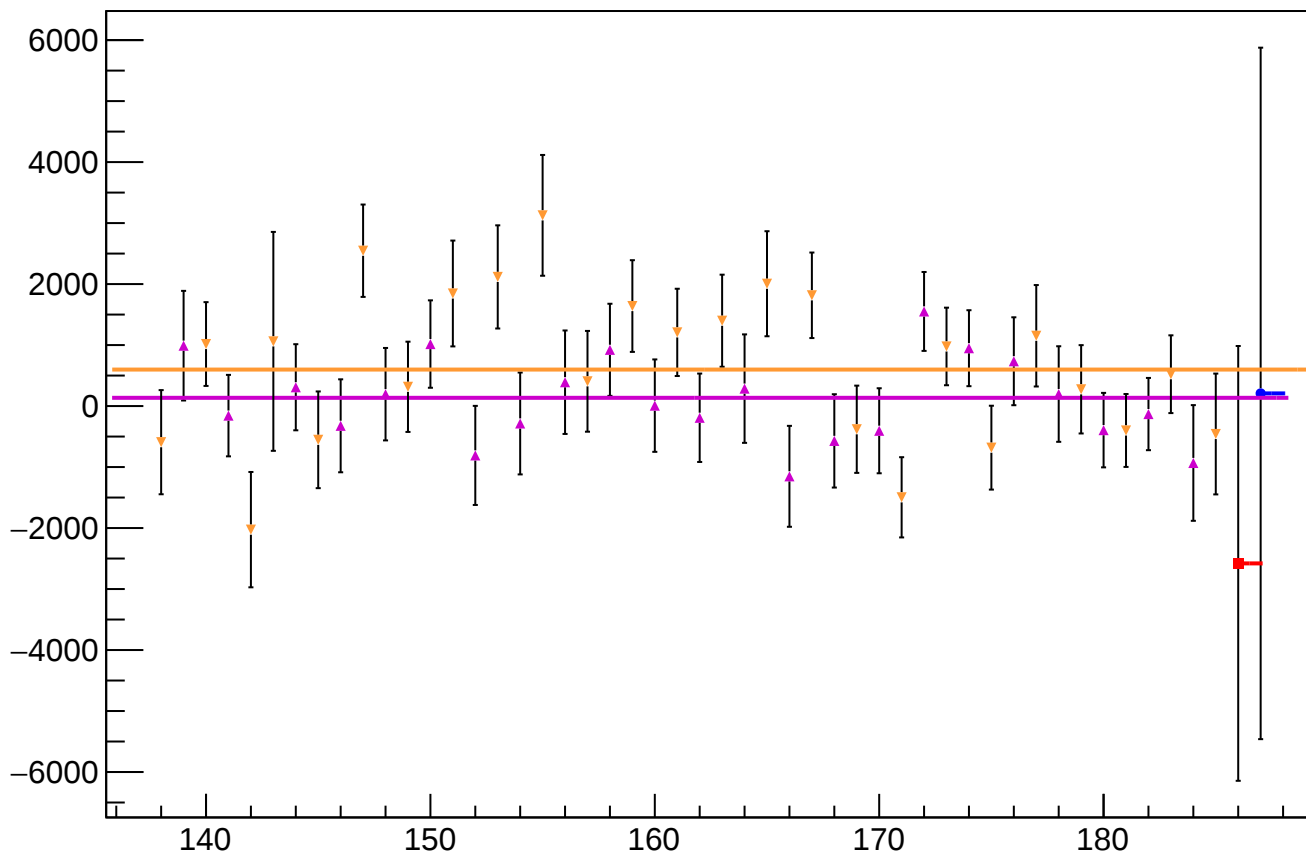
Left In: 1275.674 $\pm$ 0.216 χ^2 /NDF:62431.9/22

+ sign 1294.168 $\pm$ 0.184 χ^2 /NDF: 829587.6/42

All: 1292.192 $\pm$ 0.130 χ^2 /NDF: 1301701.9/85

- sign 1290.223 $\pm$ 0.184 χ^2 /NDF: 471884.9/42

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 207.364 $\pm$ 5668.573 χ^2 /NDF: 0.0/0

Left Out: 598.368 $\pm$ 153.138 χ^2 /NDF: 60.7/24

Right Out: -2579.690 $\pm$ 3564.340 χ^2 /NDF: 0.0/0

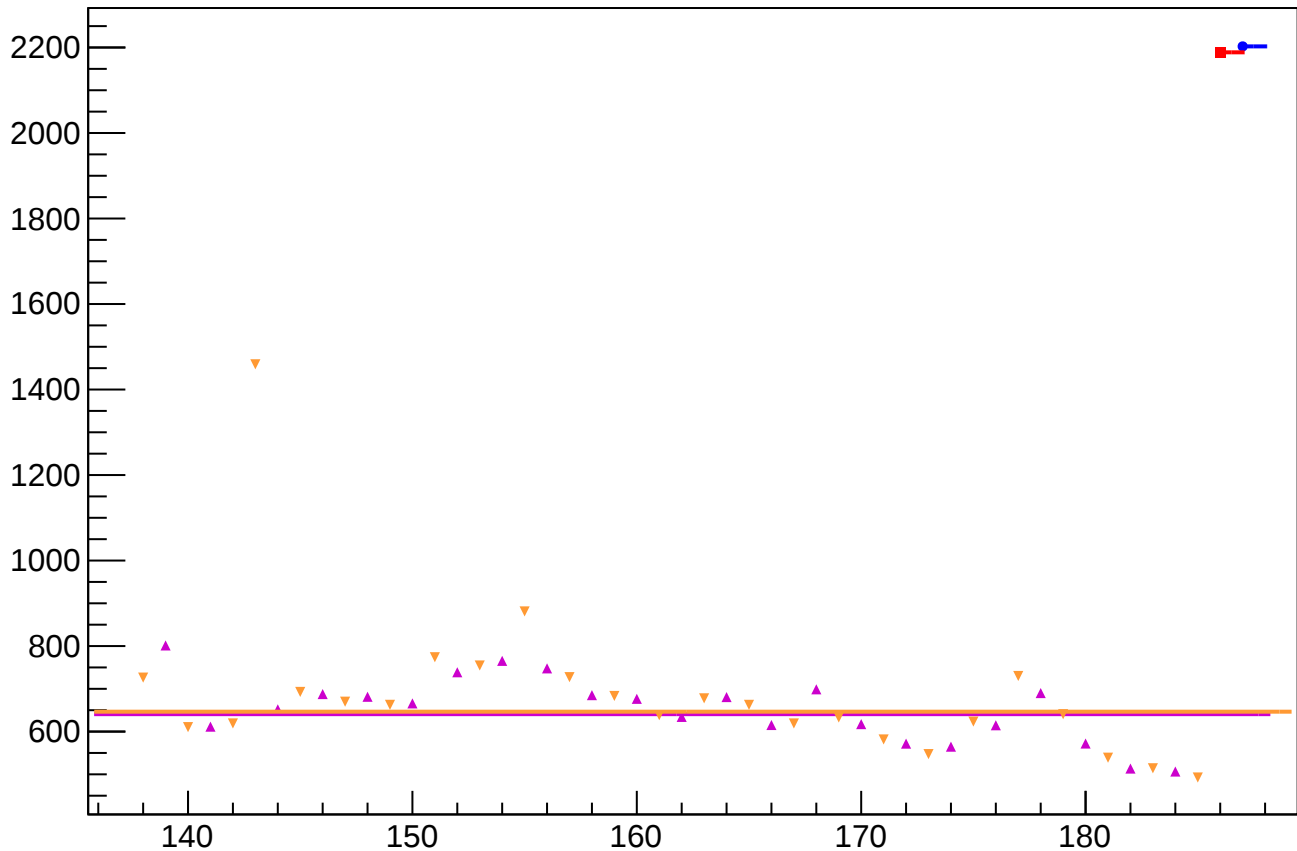
Left In: 135.168 $\pm$ 153.761 χ^2 /NDF: 19.4/22

+ sign 598.083 $\pm$ 153.082 χ^2 /NDF: 60.7/25

All: 364.922 $\pm$ 108.435 χ^2 /NDF: 85.3/49

- sign 130.125 $\pm$ 153.618 χ^2 /NDF: 20.0/23

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 2202.595 $\pm$ 4.008 χ^2 /NDF: 0.0/0

Left Out: 646.517 $\pm$ 0.108 χ^2 /NDF:954278.0/24

Right Out: 2188.695 $\pm$ 2.520 χ^2 /NDF: 0.0/0

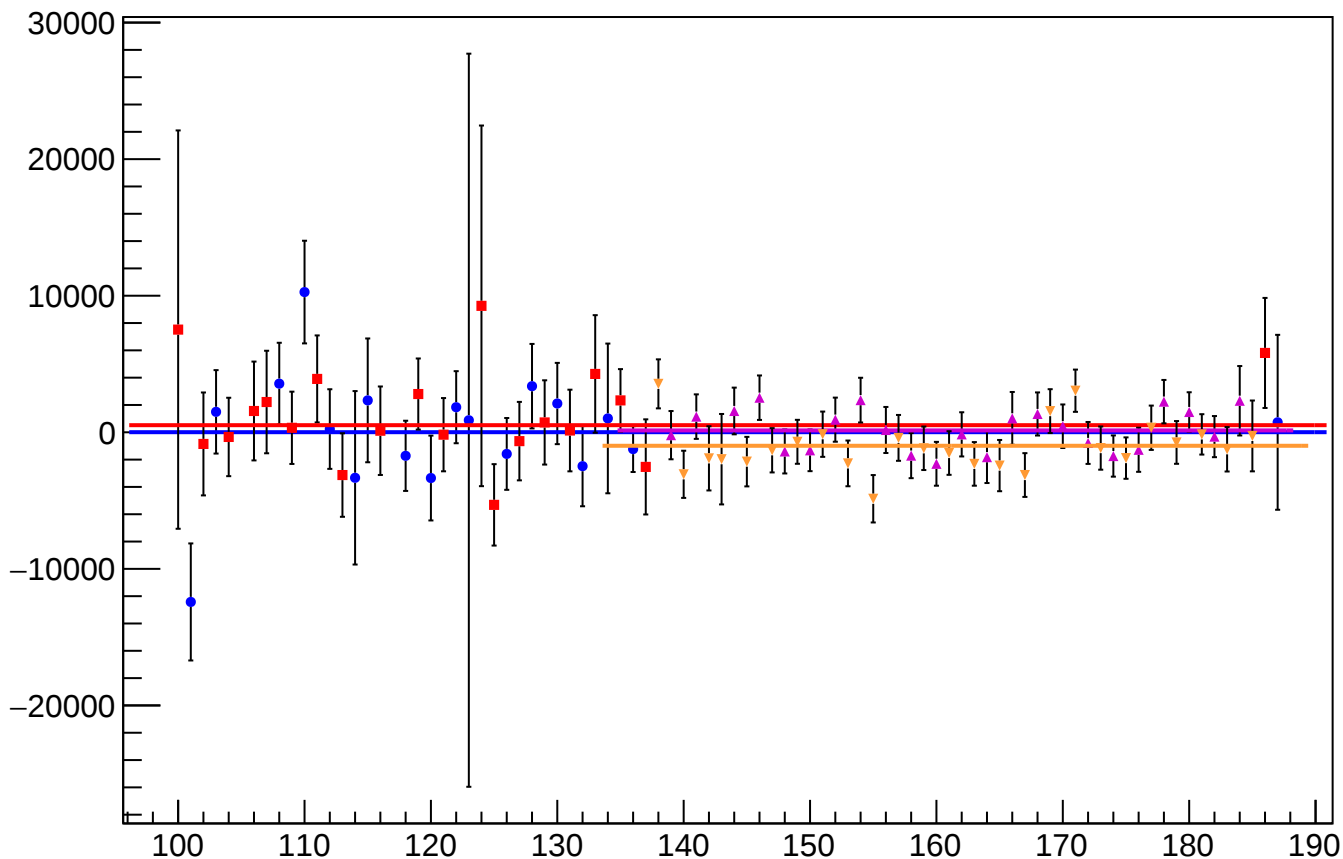
Left In: 640.732 $\pm$ 0.109 χ^2 /NDF:441649.3/22

+ sign 647.652 $\pm$ 0.108 χ^2 /NDF: 1104879.2/25

All: 645.636 $\pm$ 0.077 χ^2 /NDF: 1923741.9/49

- sign 643.607 $\pm$ 0.109 χ^2 /NDF: 818167.1/23

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 7.593 ± 740.069 χ^2/NDF : 23.5/17

Left Out: -987.247 ± 339.757 χ^2/NDF : 28.5/24

Right Out: 520.548 ± 721.852 χ^2/NDF : 12.5/19

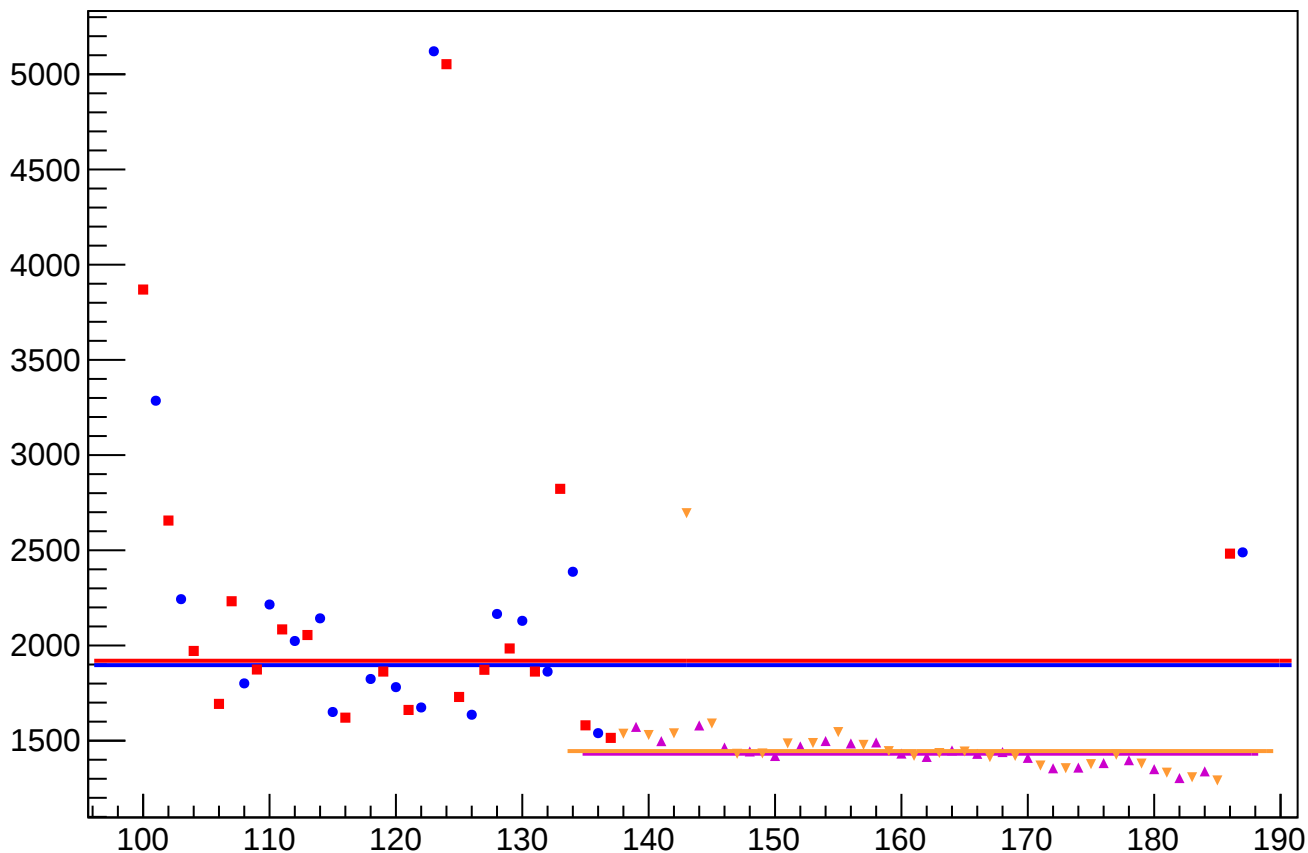
Left In: 137.780 ± 342.262 χ^2/NDF : 18.8/22

+ sign -814.071 ± 308.773 χ^2/NDF : 53.5/42

All: -303.824 ± 218.507 χ^2/NDF : 90.5/85

- sign 208.036 ± 309.260 χ^2/NDF : 31.5/42

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1896.827 $\pm$ 0.523 χ^2 /NDF: 483180.2/17

Left Out: 1445.418 $\pm$ 0.240 χ^2 /NDF: 374859.2/24

Right Out: 1919.901 $\pm$ 0.510 χ^2 /NDF: 501697.6/19

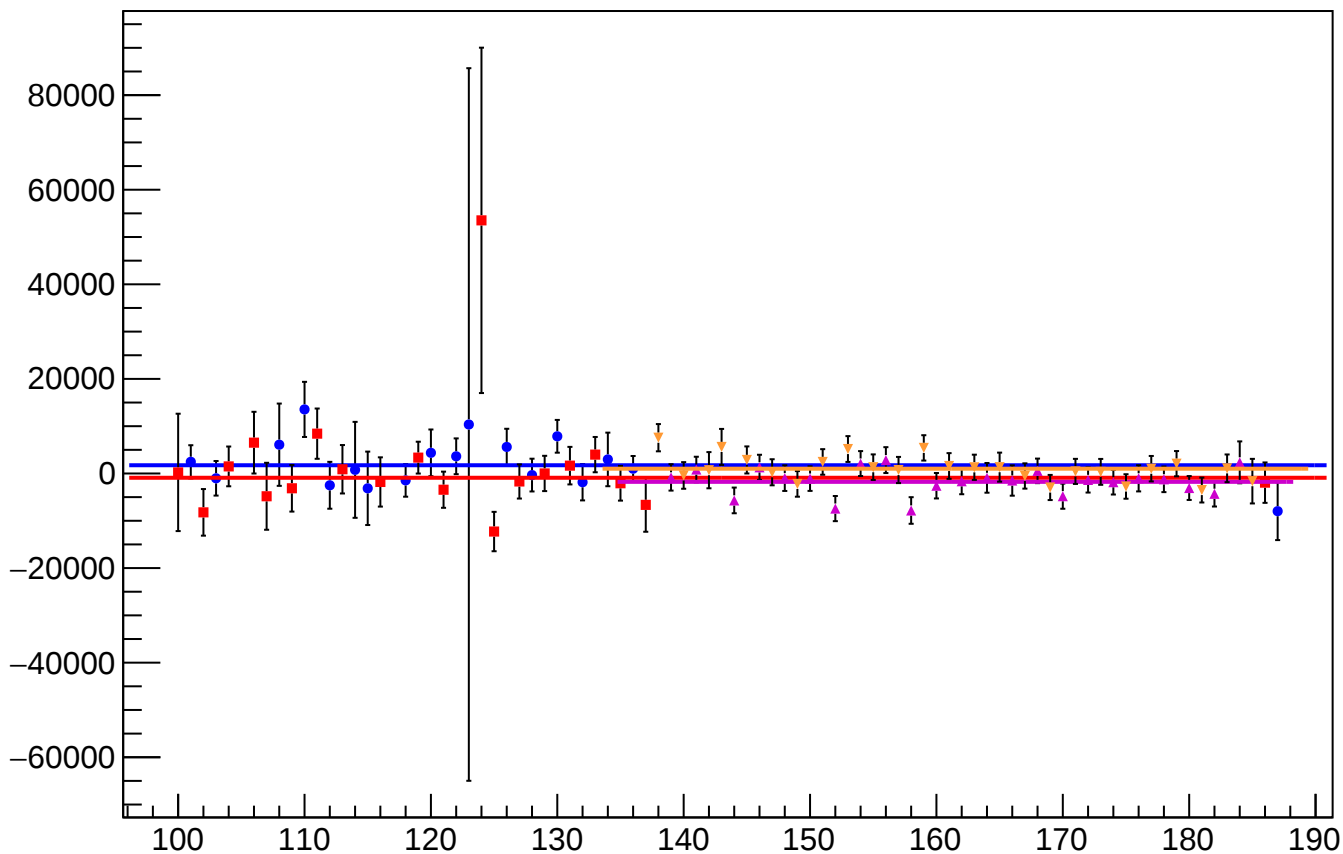
Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

+ sign 1523.997 $\pm$ 0.218 χ^2 /NDF: 1472610.8/42

All: 1522.641 $\pm$ 0.155 χ^2 /NDF: 2799206.2/85

- sign 1521.280 $\pm$ 0.219 χ^2 /NDF: 1326518.1/42

dit_asym_atl1_mean vs Slug



Right In: 1743.338 $\pm$ 1021.118 χ^2 /NDF: 15.5/17

Left Out: 1012.151 $\pm$ 565.770 χ^2 /NDF: 22.4/24

Right Out: -904.964 $\pm$ 1021.462 χ^2 /NDF: 22.7/19

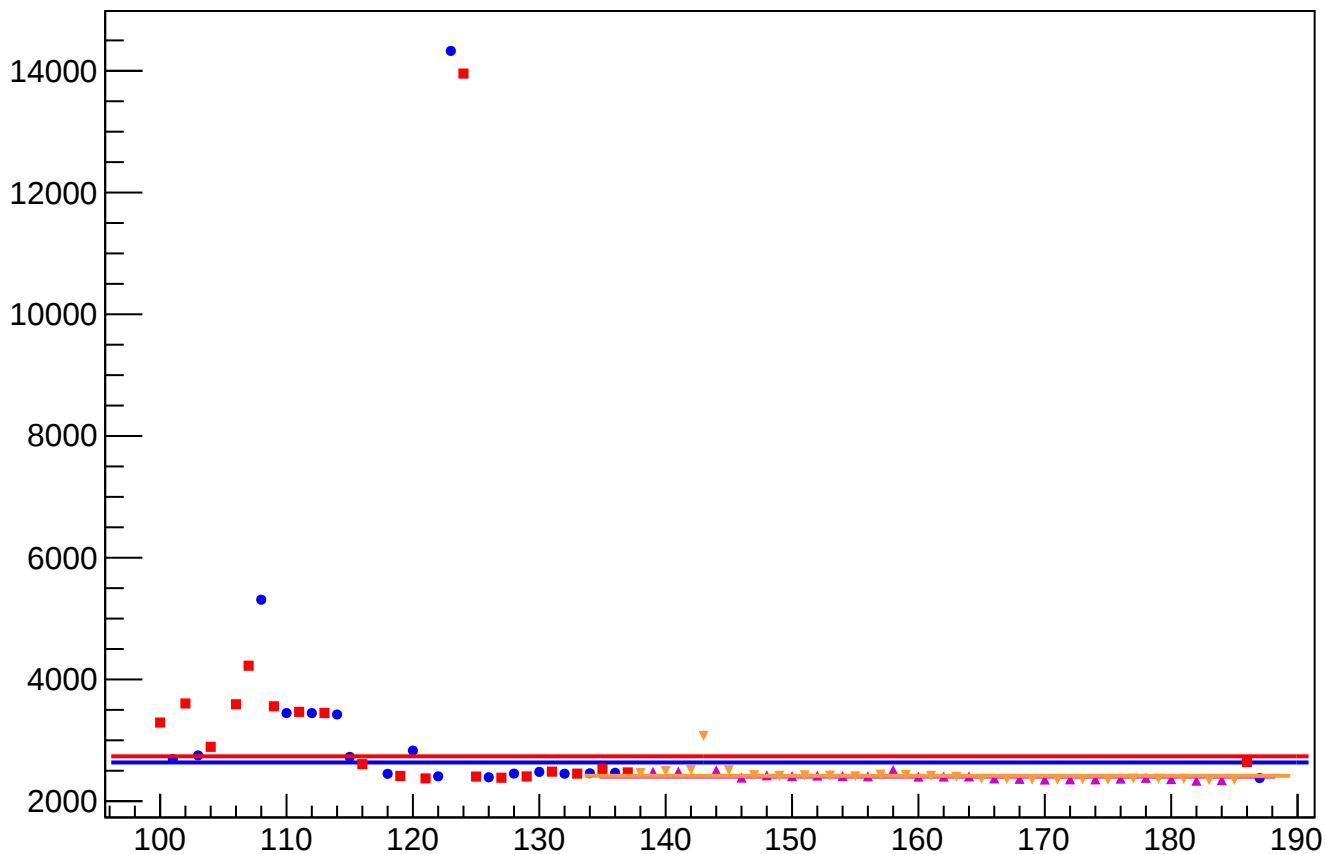
Left In: -1768.654 $\pm$ 574.282 χ^2 /NDF: 23.2/22

+ sign 1183.895 $\pm$ 494.884 χ^2 /NDF: 38.3/42

All: -172.926 $\pm$ 351.936 χ^2 /NDF: 99.9/85

- sign -1561.221 $\pm$ 500.591 χ^2 /NDF: 46.4/42

dit_asym_atl1_rms vs Slug



Right In: 2636.171 ± 0.722 $\chi^2/\text{NDF}: 396327.3/17$

Left Out: 2416.984 ± 0.400 $\chi^2/\text{NDF}: 74336.3/24$

Right Out: 2736.916 ± 0.722 $\chi^2/\text{NDF}: 629010.0/19$

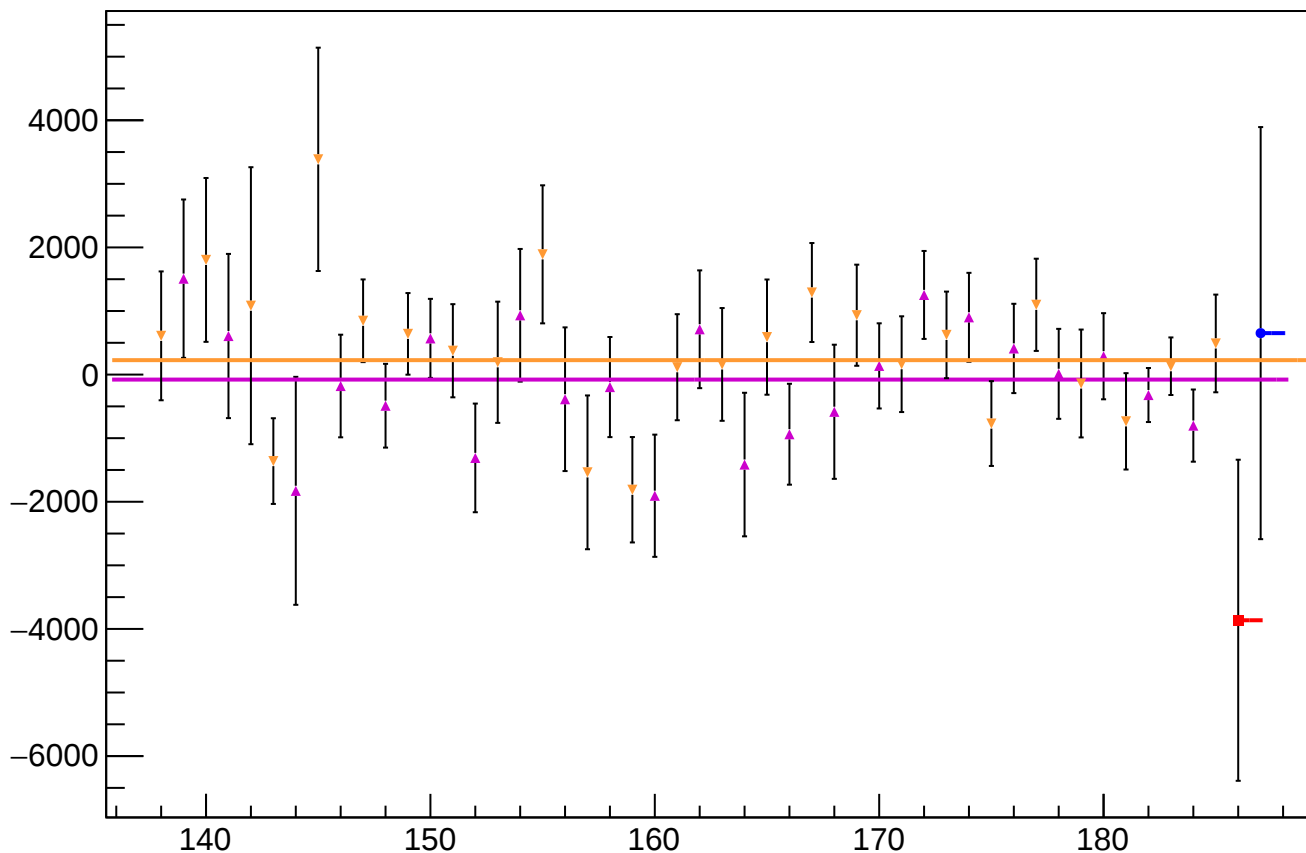
Left In: 2404.873 ± 0.406 $\chi^2/\text{NDF}: 14770.0/22$

+ sign 2468.467 ± 0.350 $\chi^2/\text{NDF}: 541171.3/42$

All: 2476.451 ± 0.249 $\chi^2/\text{NDF}: 1346583.7/85$

- sign 2484.620 ± 0.354 $\chi^2/\text{NDF}: 804359.3/42$

asym_atl1_correction_mean vs Slug



Right In: 652.196 ± 3240.518 χ^2/NDF : 0.0/0

Left Out: 227.025 ± 158.128 χ^2/NDF : 31.3/24

Right Out: -3863.755 ± 2524.803 χ^2/NDF : 0.0/0

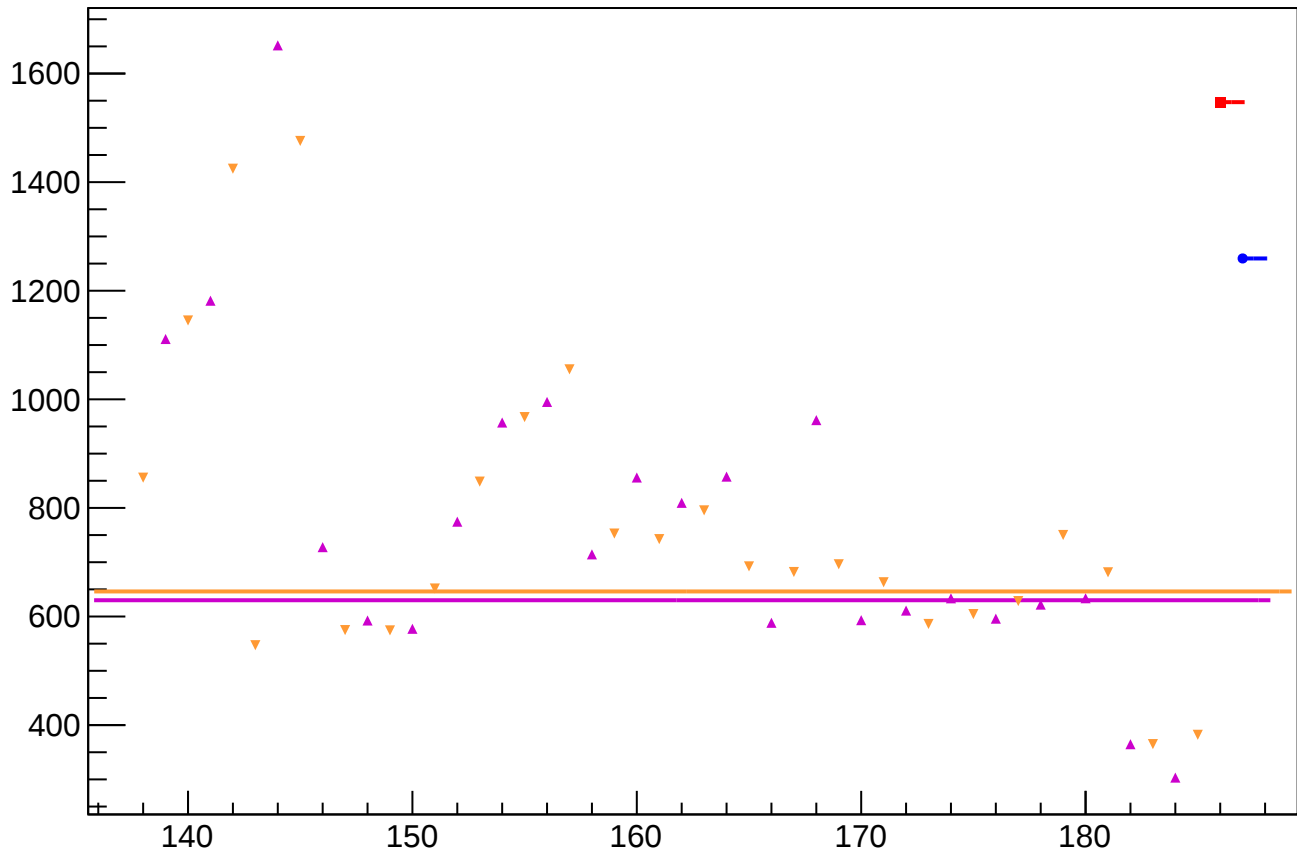
Left In: -78.542 ± 159.308 χ^2/NDF : 23.1/22

+ sign 228.035 ± 157.940 χ^2/NDF : 31.3/25

All: 68.308 ± 112.050 χ^2/NDF : 58.7/49

- sign -93.552 ± 158.991 χ^2/NDF : 25.4/23

asym_atl1_correction_rms vs Slug



Right In: 1259.442 $\pm$ 2.291 χ^2 /NDF: 0.0/0

Left Out: 646.167 $\pm$ 0.112 χ^2 /NDF: 2875111.2/24

Right Out: 1547.330 $\pm$ 1.785 χ^2 /NDF: 0.0/0

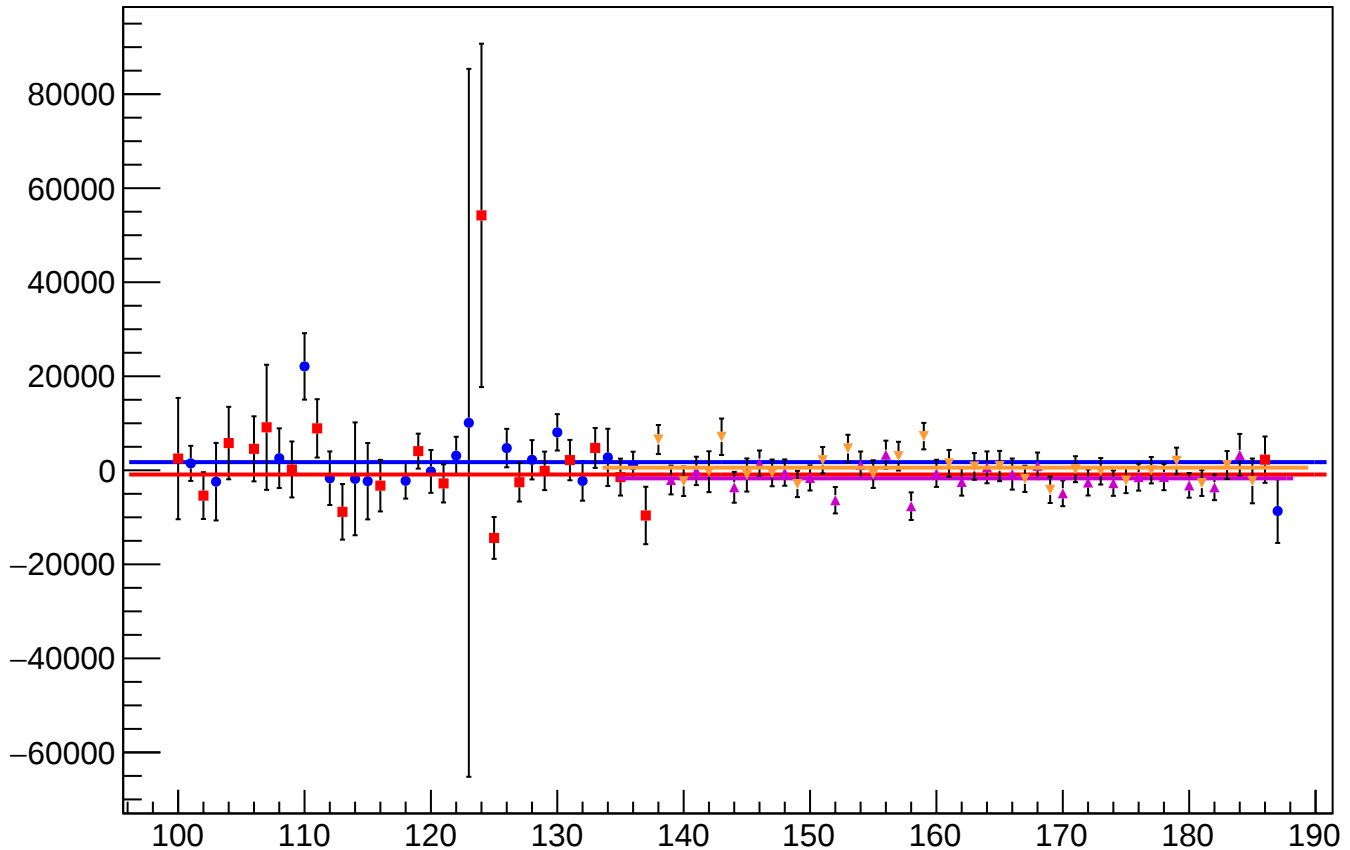
Left In: 629.971 $\pm$ 0.113 χ^2 /NDF: 3773702.5/22

+ sign 647.624 $\pm$ 0.112 χ^2 /NDF: 2946573.8/25

All: 640.663 $\pm$ 0.079 χ^2 /NDF: 6991081.4/49

- sign 633.609 $\pm$ 0.112 χ^2 /NDF: 4036685.6/23

asym_atl1_mean vs Slug



Right In: 1737.838 $\pm$ 1135.169 χ^2 /NDF: 17.3/17

Left Out: 566.778 $\pm$ 598.308 χ^2 /NDF: 25.2/24

Right Out: -896.536 $\pm$ 1153.661 χ^2 /NDF: 25.8/19

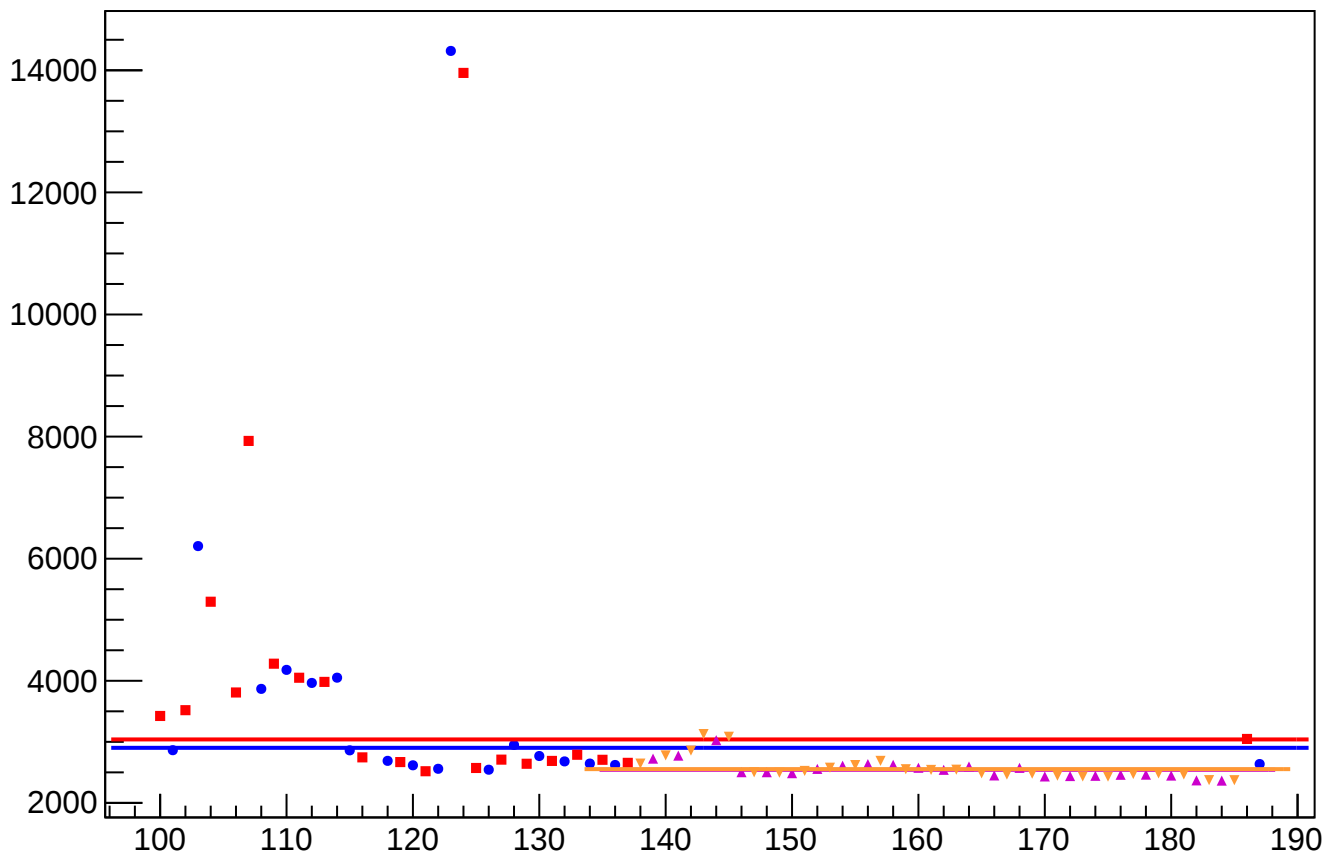
Left In: -1713.317 $\pm$ 607.775 χ^2 /NDF: 18.1/22

+ sign 821.371 $\pm$ 529.290 χ^2 /NDF: 43.3/42

All: -338.631 $\pm$ 377.209 χ^2 /NDF: 97.2/85

- sign -1535.874 $\pm$ 537.719 χ^2 /NDF: 44.2/42

asym_atl1_rms vs Slug



Right In: 2902.076+/-0.803 χ^2/NDF : 645049.9/17

Left Out: 2553.097+/-0.423 χ^2/NDF : 148430.5/24

Right Out: 3039.572+/-0.816 χ^2/NDF : 1011311.9/19

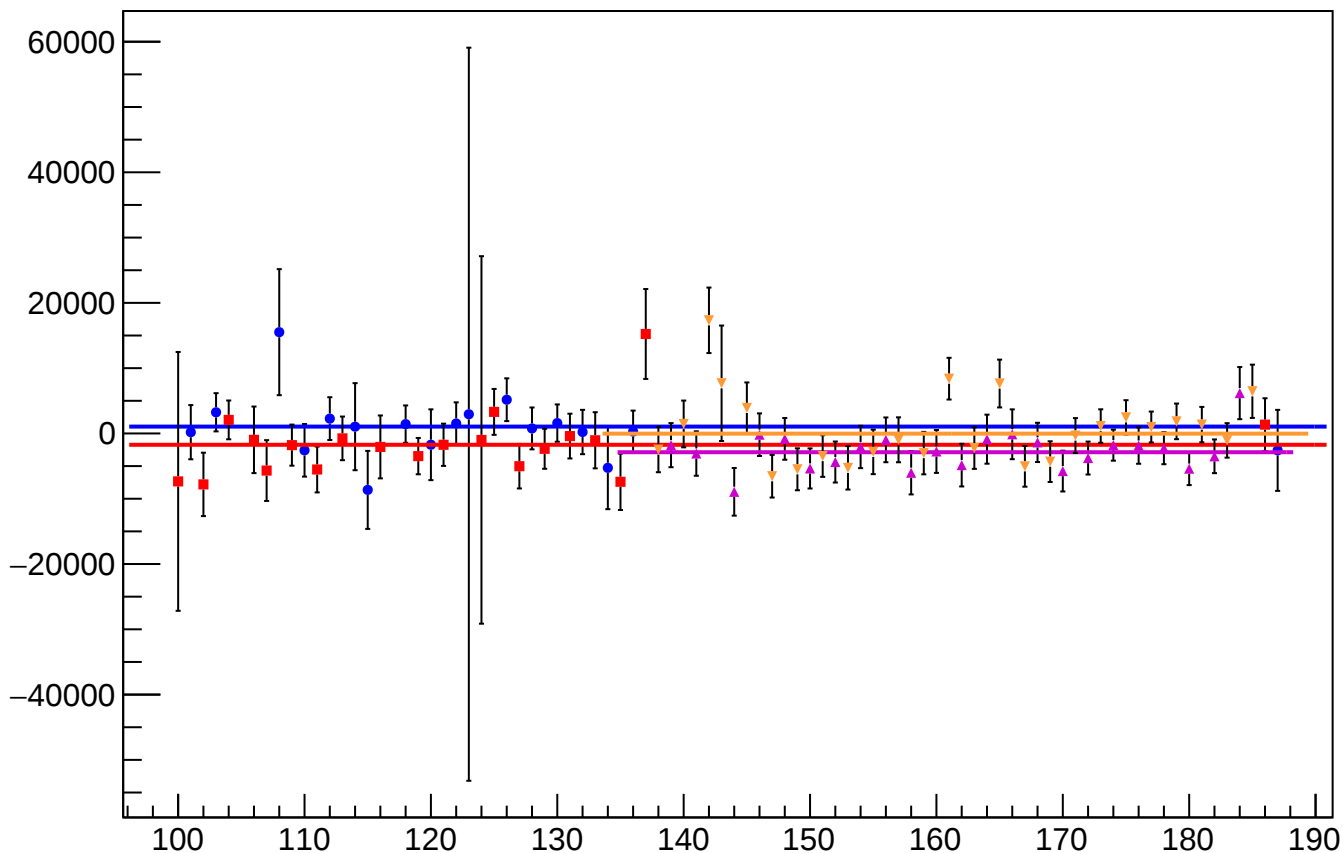
Left In: 2541.950+/-0.430 χ^2/NDF : 97238.4/22

+ sign 2628.966+/-0.374 χ^2/NDF : 941407.1/42

All: 2639.345+/-0.267 χ^2/NDF : 2342791.4/85

- sign 2650.057+/-0.380 χ^2/NDF : 1399821.5/42

dit_asym_atl2_mean vs Slug



Right In: 1050.520 ± 916.574 χ^2/NDF : 9.8/17

Left Out: -33.438 ± 633.677 χ^2/NDF : 47.5/24

Right Out: -1736.644 ± 866.516 χ^2/NDF : 17.2/19

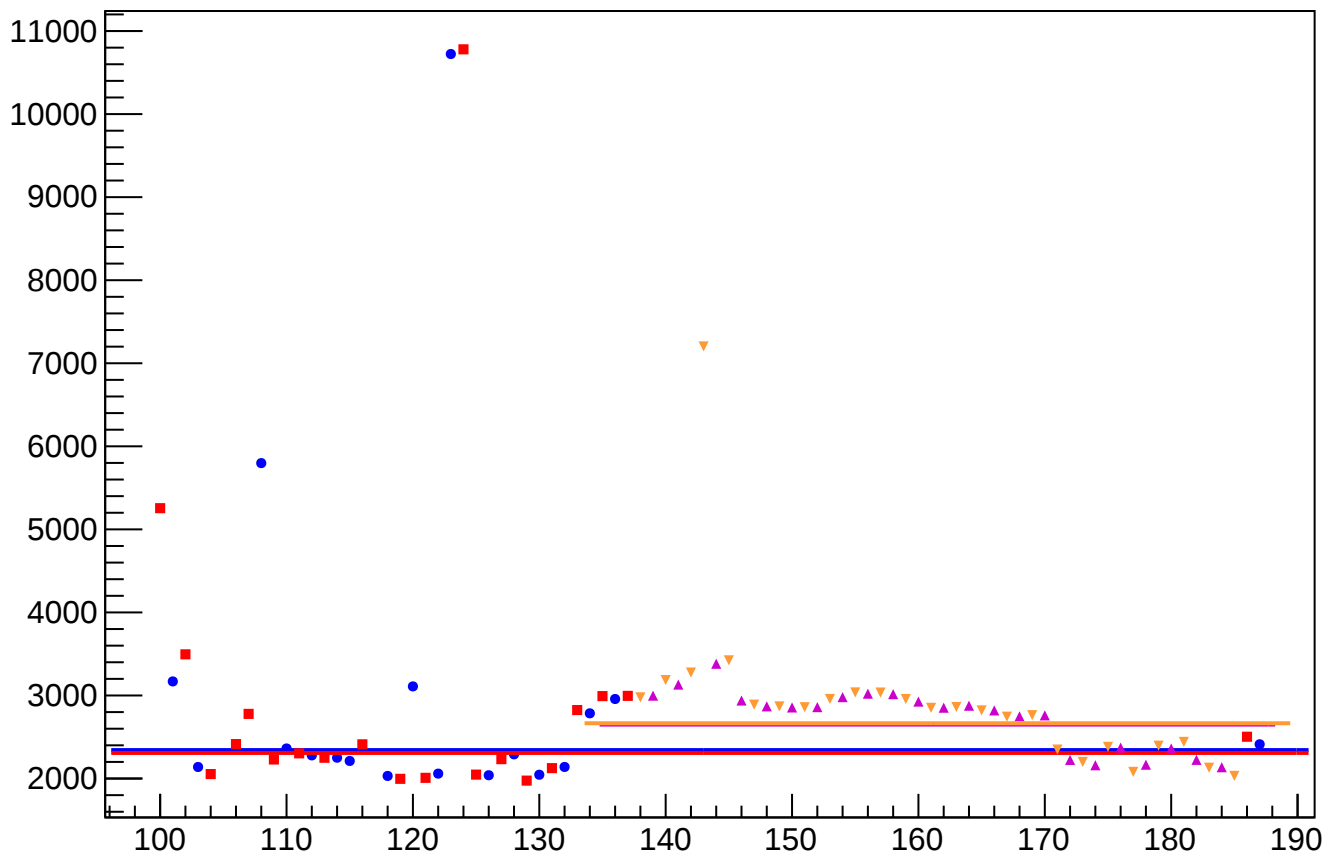
Left In: -2875.319 ± 637.973 χ^2/NDF : 15.1/22

+ sign 317.110 ± 521.237 χ^2/NDF : 58.3/42

All: -1099.172 ± 365.894 χ^2/NDF : 106.3/85

- sign -2475.053 ± 513.749 χ^2/NDF : 33.5/42

dit_asym_atl2_rms vs Slug



Right In: 2342.436 $\pm$ 0.648 χ^2/NDF : 600730.7/17

Left Out: 2665.559 $\pm$ 0.448 χ^2/NDF : 1218211.8/24

Right Out: 2308.319 $\pm$ 0.612 χ^2/NDF : 570977.7/19

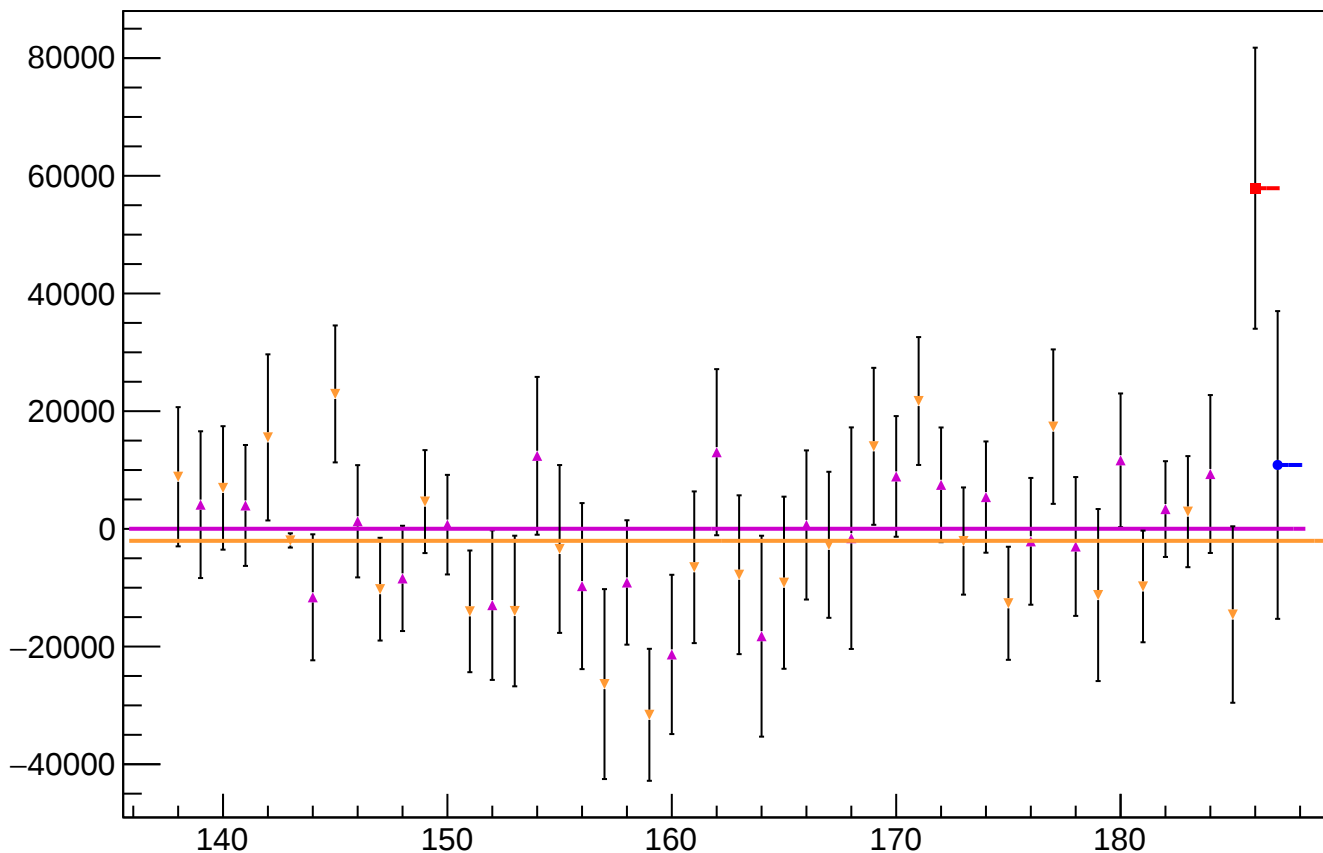
Left In: 2649.457 $\pm$ 0.451 χ^2/NDF : 643563.7/22

+ sign 2561.062 $\pm$ 0.369 χ^2/NDF : 1987118.3/42

All: 2545.013 $\pm$ 0.259 χ^2/NDF : 3406601.2/85

- sign 2529.430 $\pm$ 0.363 χ^2/NDF : 1415745.7/42

asym_atl2_correction_mean vs Slug



Right In: 10856.616 $\pm$ 26150.832 χ^2 /NDF: 0.0/0

Left Out: -2034.509 $\pm$ 1076.795 χ^2 /NDF:32.9/24

Right Out: 57890.389 $\pm$ 23884.018 χ^2 /NDF: 0.0/0

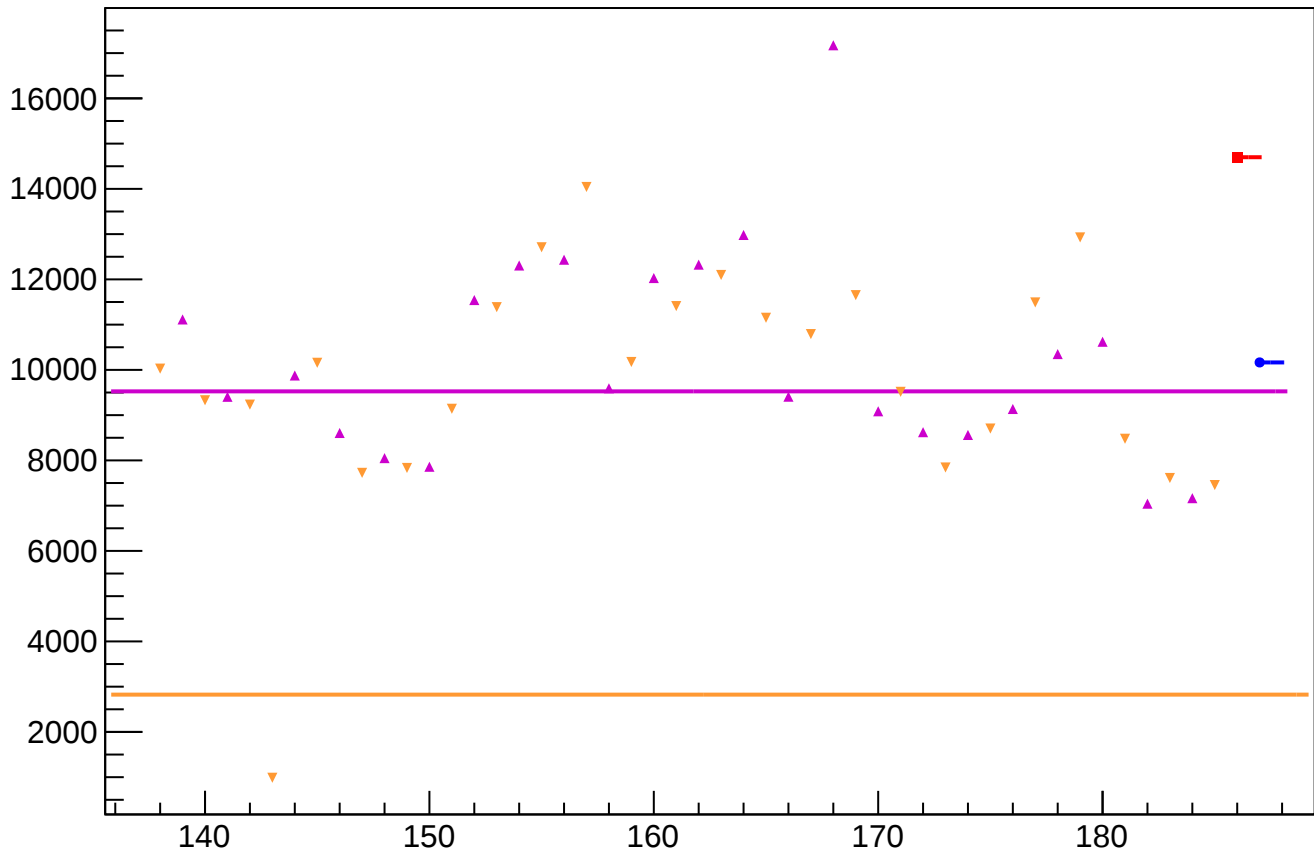
Left In: 16.509 $\pm$ 2317.578 χ^2 /NDF:13.4/22

+ sign -2012.689 $\pm$ 1075.884 χ^2 /NDF: 33.1/25

All: -1553.681 $\pm$ 975.044 χ^2 /NDF: 53.4/49

- sign 556.351 $\pm$ 2306.744 χ^2 /NDF: 19.2/23

asym_atl2_correction_rms vs Slug



Right In: 10164.727 $\pm$ 18.491 χ^2 /NDF: 0.0/0

Left Out: 2824.184 $\pm$ 0.761 χ^2 /NDF:22547216.3/24

Right Out: 14699.449 $\pm$ 16.889 χ^2 /NDF: 0.0/0

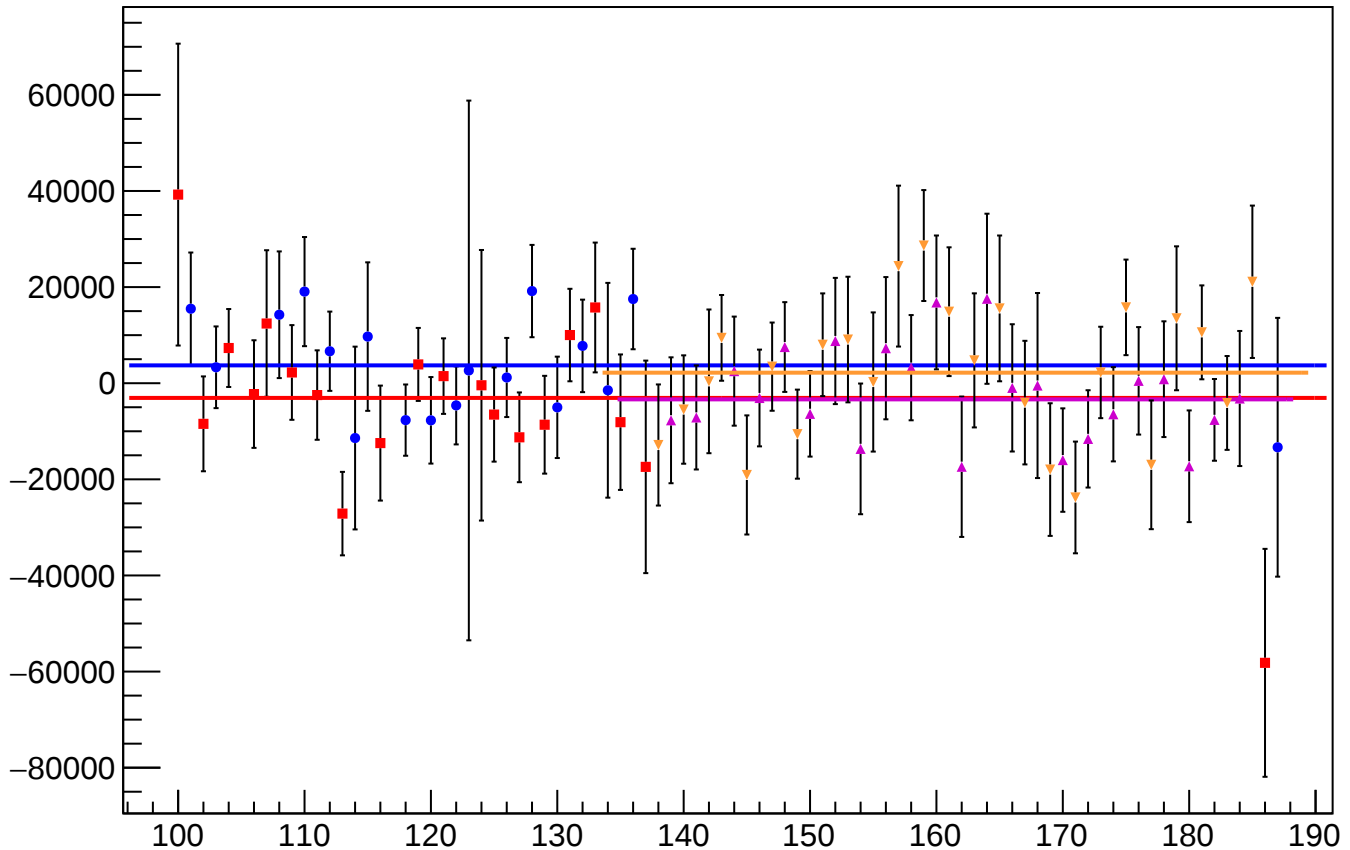
Left In: 9525.431 $\pm$ 1.639 χ^2 /NDF:1286488.6/22

+ sign 2836.609 $\pm$ 0.761 χ^2 /NDF: 22704534.7/25

All: 4040.319 $\pm$ 0.689 χ^2 /NDF: 38095786.3/4

- sign 9573.693 $\pm$ 1.631 χ^2 /NDF: 1379471.1/23

asym_atl2_mean vs Slug



Right In: 3711.928 ± 2497.962 χ^2/NDF : 15.2/17

Left Out: 2192.629 ± 2346.604 χ^2/NDF : 31.2/24

Right Out: -3057.627 ± 2408.785 χ^2/NDF : 25.5/19

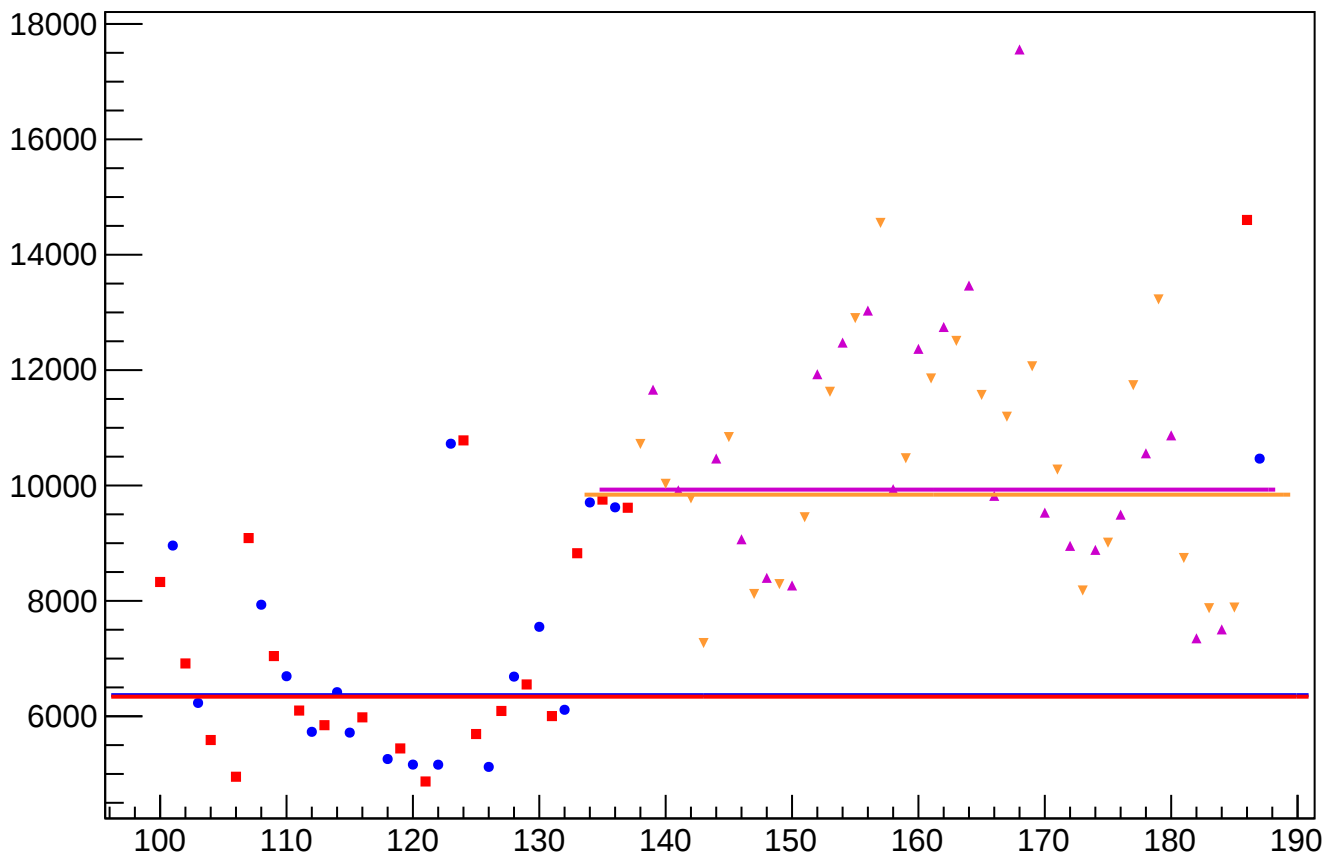
Left In: -3362.489 ± 2413.842 χ^2/NDF : 12.8/22

+ sign 2904.858 ± 1710.306 χ^2/NDF : 46.5/42

All: -161.845 ± 1207.508 χ^2/NDF : 91.3/85

- sign -3209.738 ± 1705.053 χ^2/NDF : 38.3/42

asym_atl2_rms vs Slug



Right In: 6365.887 $\pm$ 1.766 χ^2 /NDF: 640173.3/17

Left Out: 9841.227 $\pm$ 1.659 χ^2 /NDF:1184767.7/24

Right Out: 6339.474 $\pm$ 1.703 χ^2 /NDF: 780742.5/19

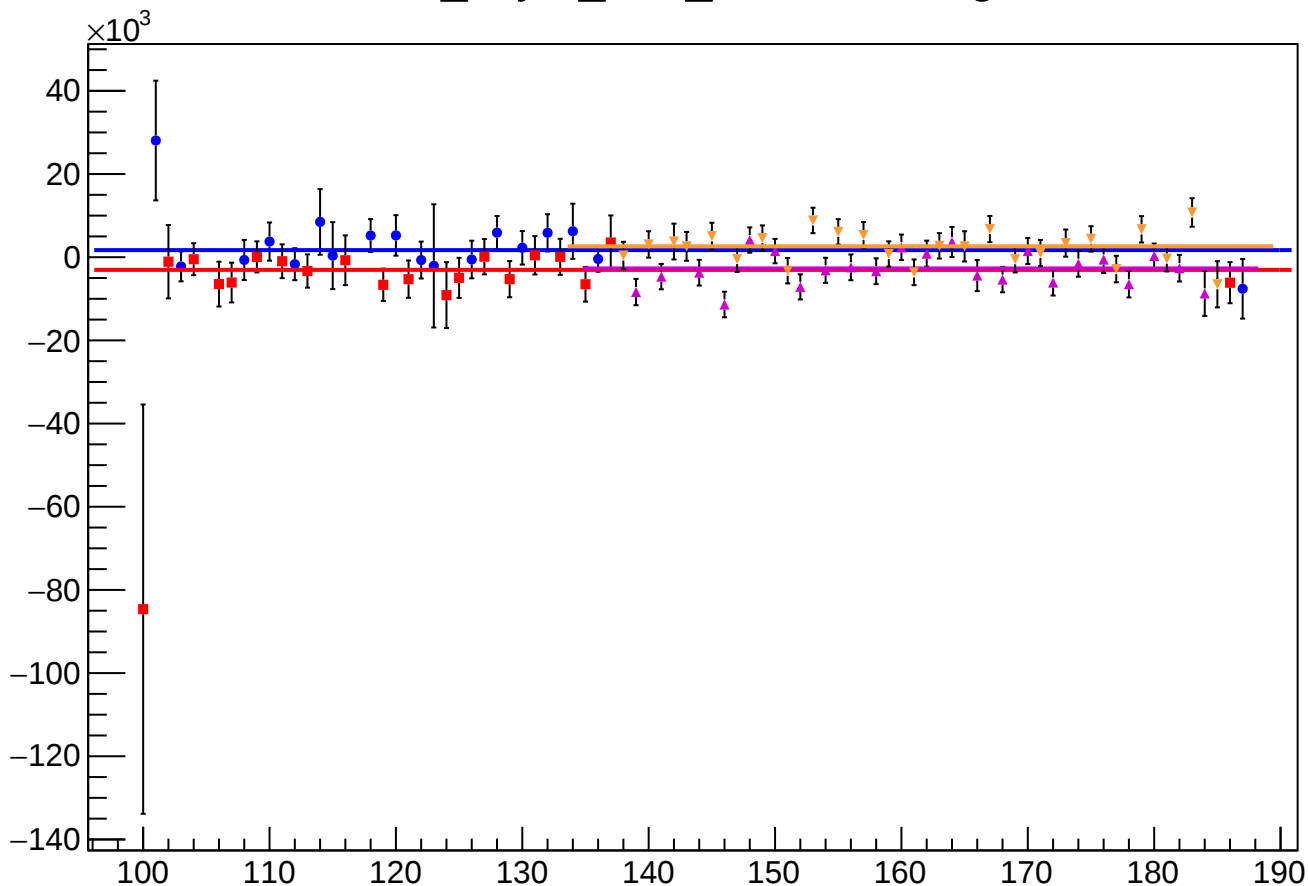
Left In: 9928.662 $\pm$ 1.707 χ^2 /NDF:1220804.9/22

+ sign 8212.022 $\pm$ 1.209 χ^2 /NDF: 3881414.3/42

All: 8170.996 $\pm$ 0.854 χ^2 /NDF: 8100922.2/85

- sign 8130.223 $\pm$ 1.206 χ^2 /NDF: 4217213.3/42

dit_asym_atr1_mean vs Slug



Right In: 1706.637 ± 1114.555 χ^2/NDF : 13.1/17

Left Out: 2627.213 ± 648.505 χ^2/NDF : 34.0/24

Right Out: -3046.141 ± 1061.441 χ^2/NDF : 11.0/19

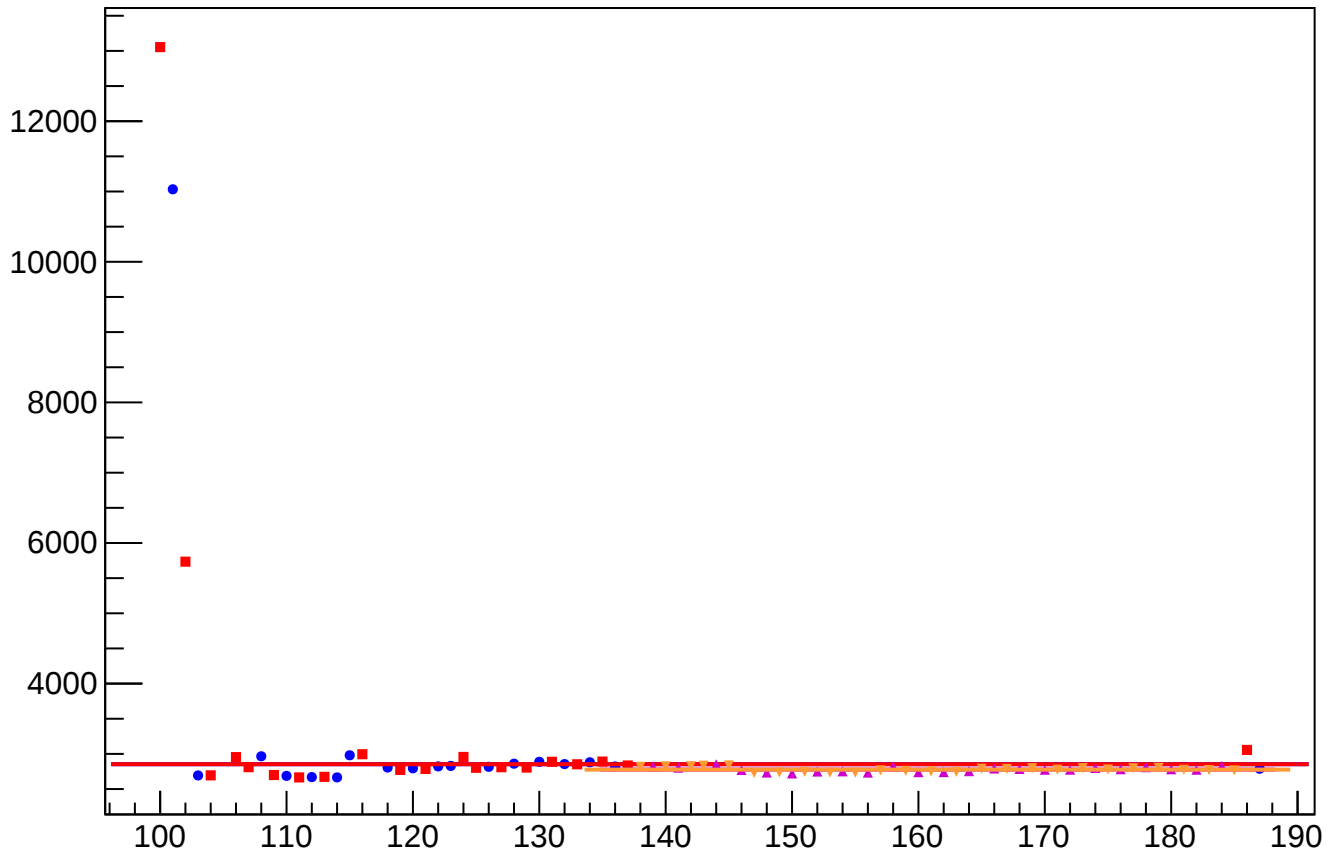
Left In: -2701.915 ± 662.347 χ^2/NDF : 36.3/22

+ sign 2394.378 ± 560.526 χ^2/NDF : 47.5/42

All: -195.559 ± 396.844 χ^2/NDF : 137.7/85

- sign -2798.387 ± 561.920 χ^2/NDF : 47.4/42

dit_asym_atr1_rms vs Slug



Right In: 2853.496 $\pm$ 0.788 χ^2 /NDF: 661075.0/17

Left Out: 2776.087 $\pm$ 0.459 χ^2 /NDF: 4817.3/24

Right Out: 2853.200 $\pm$ 0.751 χ^2 /NDF: 322856.9/19

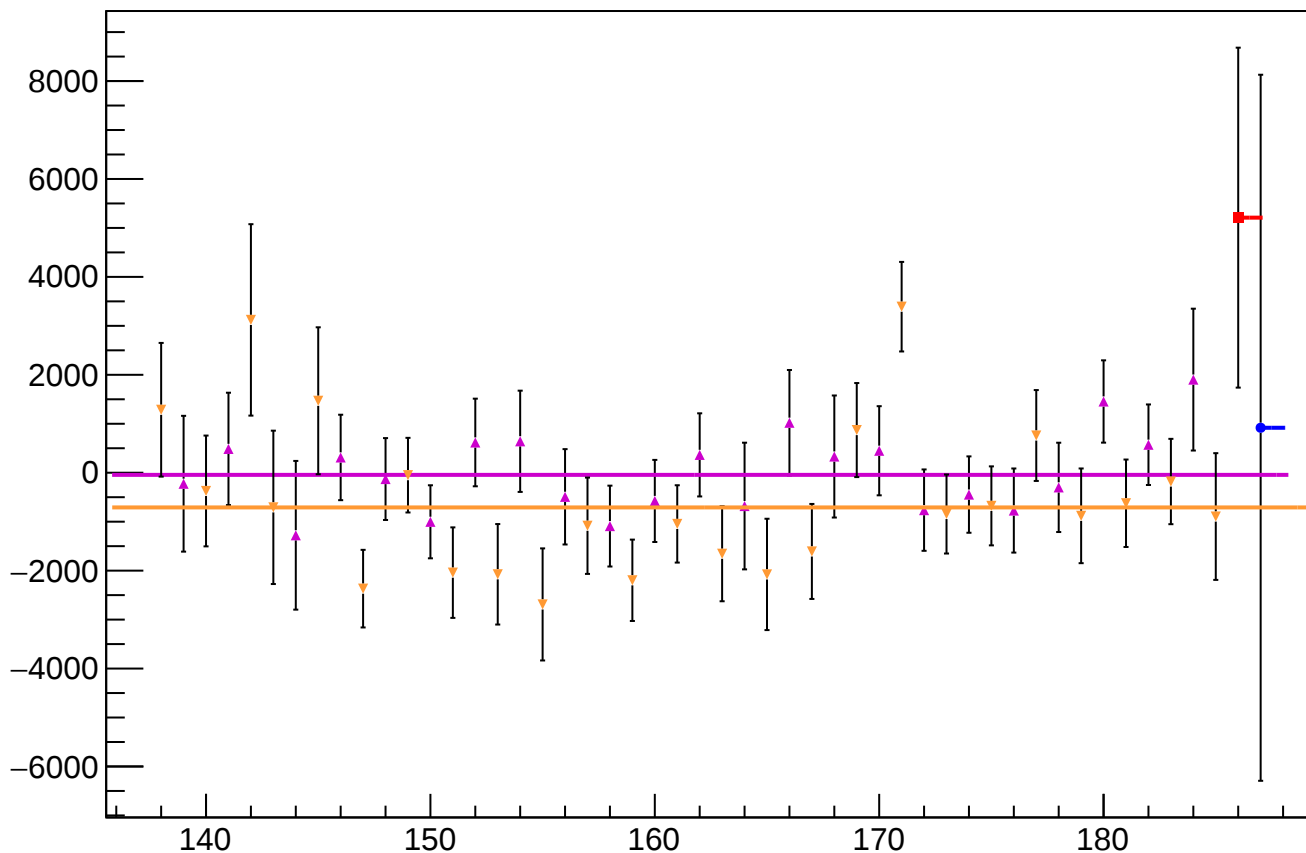
Left In: 2776.540 $\pm$ 0.468 χ^2 /NDF: 5153.9/22

+ sign 2795.666 $\pm$ 0.396 χ^2 /NDF: 673099.6/42

All: 2796.842 $\pm$ 0.281 χ^2 /NDF: 1008636.6/85

- sign 2798.024 $\pm$ 0.397 χ^2 /NDF: 335519.4/42

asym_atr1_correction_mean vs Slug



Right In: 918.202 ± 7210.752 χ^2/NDF : 0.0/0

Left Out: -708.890 ± 194.780 χ^2/NDF : 52.7/24

Right Out: 5210.082 ± 3471.772 χ^2/NDF : 0.0/0

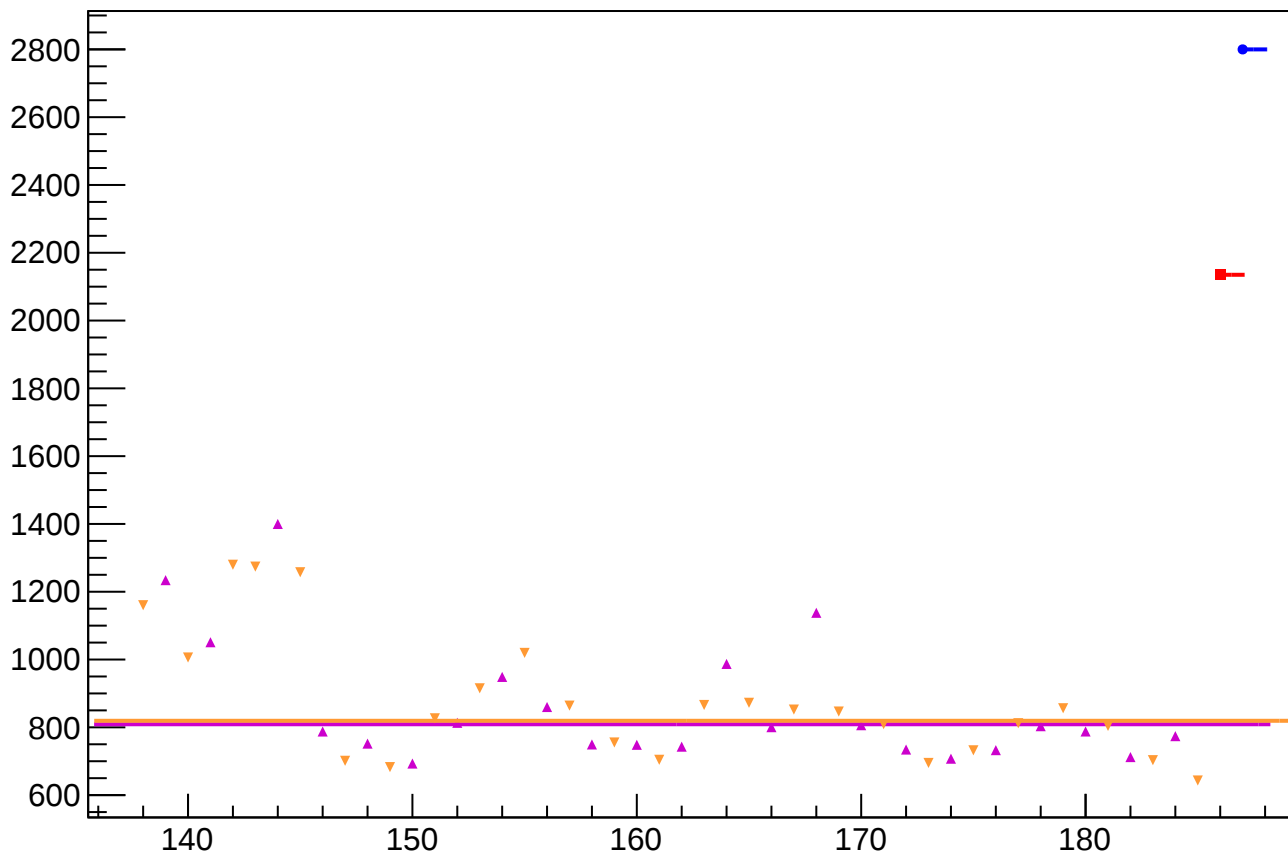
Left In: -43.842 ± 195.751 χ^2/NDF : 15.1/22

+ sign -707.704 ± 194.709 χ^2/NDF : 52.8/25

All: -368.725 ± 137.938 χ^2/NDF : 76.2/49

- sign -27.192 ± 195.441 χ^2/NDF : 17.4/23

asym_atr1_correction_rms vs Slug



Right In: 2799.943 $\pm$ 5.099 χ^2 /NDF: 0.0/0

Left Out: 819.303 $\pm$ 0.138 χ^2 /NDF: 1035261.7/24

Right Out: 2135.024 $\pm$ 2.455 χ^2 /NDF: 0.0/0

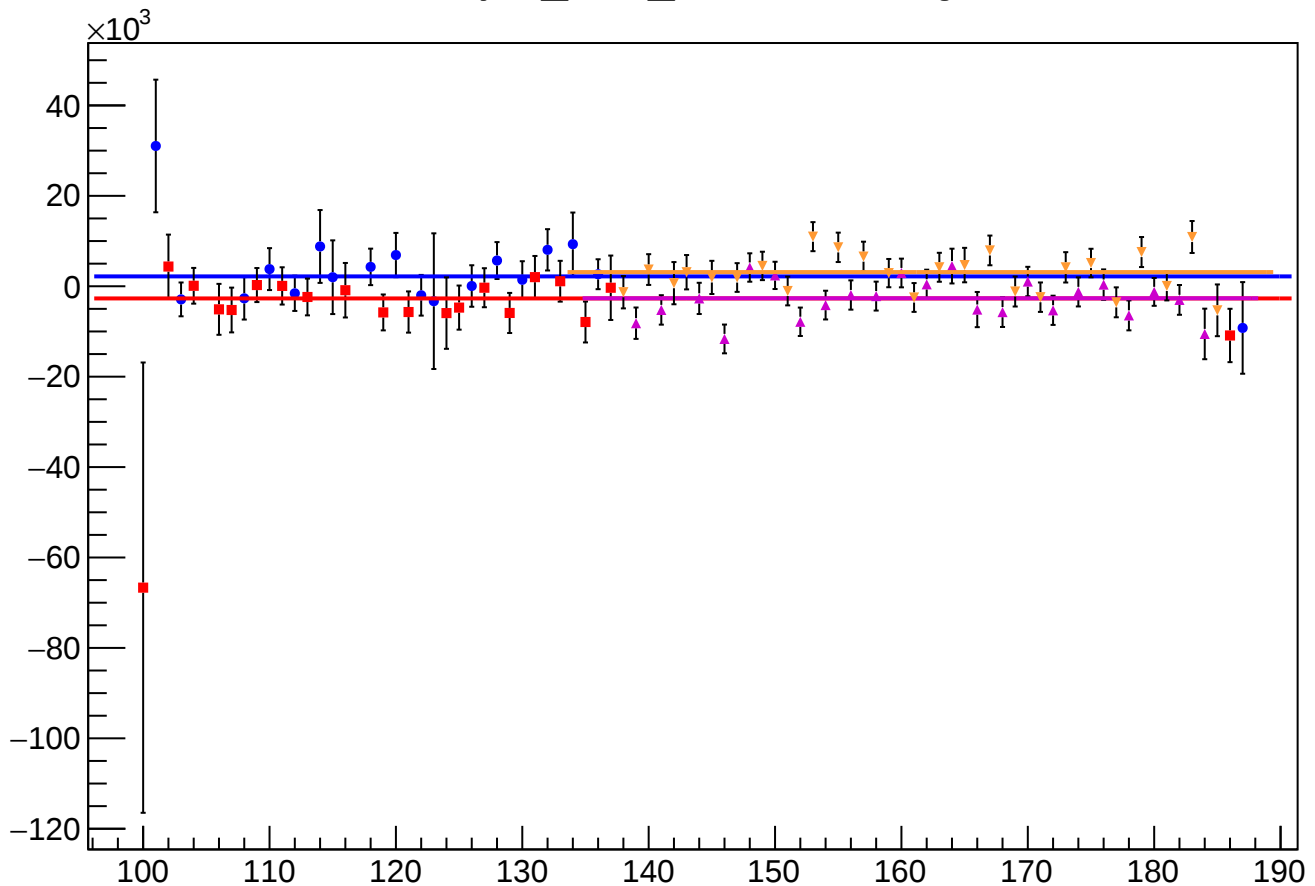
Left In: 809.059 $\pm$ 0.138 χ^2 /NDF: 986677.0/22

+ sign 820.747 $\pm$ 0.138 χ^2 /NDF: 1186048.4/25

All: 817.018 $\pm$ 0.098 χ^2 /NDF: 2465010.4/49

- sign 813.262 $\pm$ 0.138 χ^2 /NDF: 1277489.4/23

asym_atr1_mean vs Slug



Right In: 2181.677 $\pm$ 1149.096 χ^2 /NDF: 15.7/17

Left Out: 3139.358 $\pm$ 680.222 χ^2 /NDF: 38.3/24

Right Out: -2693.677 $\pm$ 1090.958 χ^2 /NDF: 12.1/19

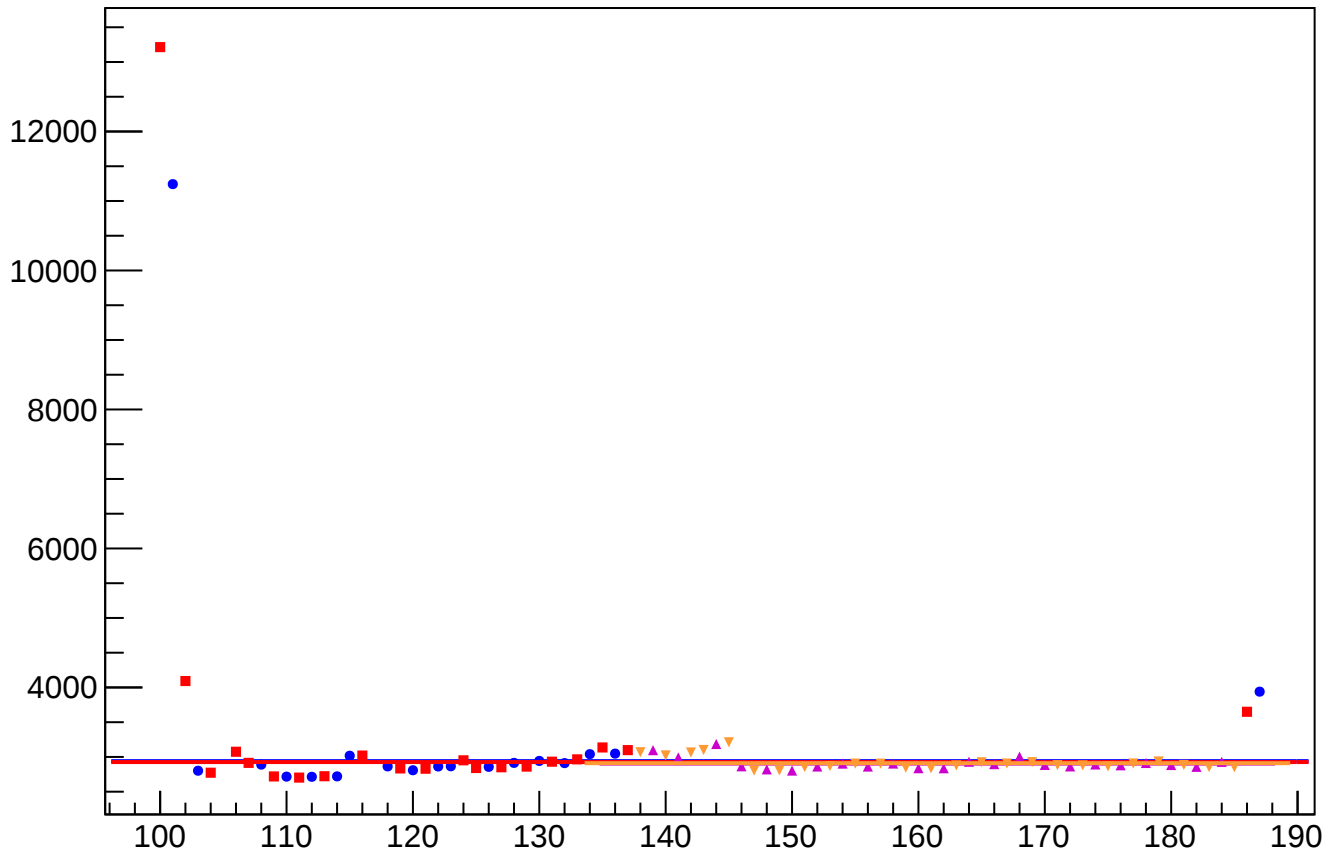
Left In: -2659.828 $\pm$ 693.121 χ^2 /NDF: 36.9/22

+ sign 2890.849 $\pm$ 585.351 χ^2 /NDF: 54.5/42

All: 109.132 $\pm$ 413.793 χ^2 /NDF: 148.6/85

- sign -2669.562 $\pm$ 585.033 χ^2 /NDF: 49.0/42

asym_atr1_rms vs Slug



Right In: 2939.633 $\pm$ 0.813 χ^2 /NDF: 682515.9/17

Left Out: 2910.362 $\pm$ 0.481 χ^2 /NDF:36080.5/24

Right Out: 2926.428 $\pm$ 0.771 χ^2 /NDF: 200989.5/19

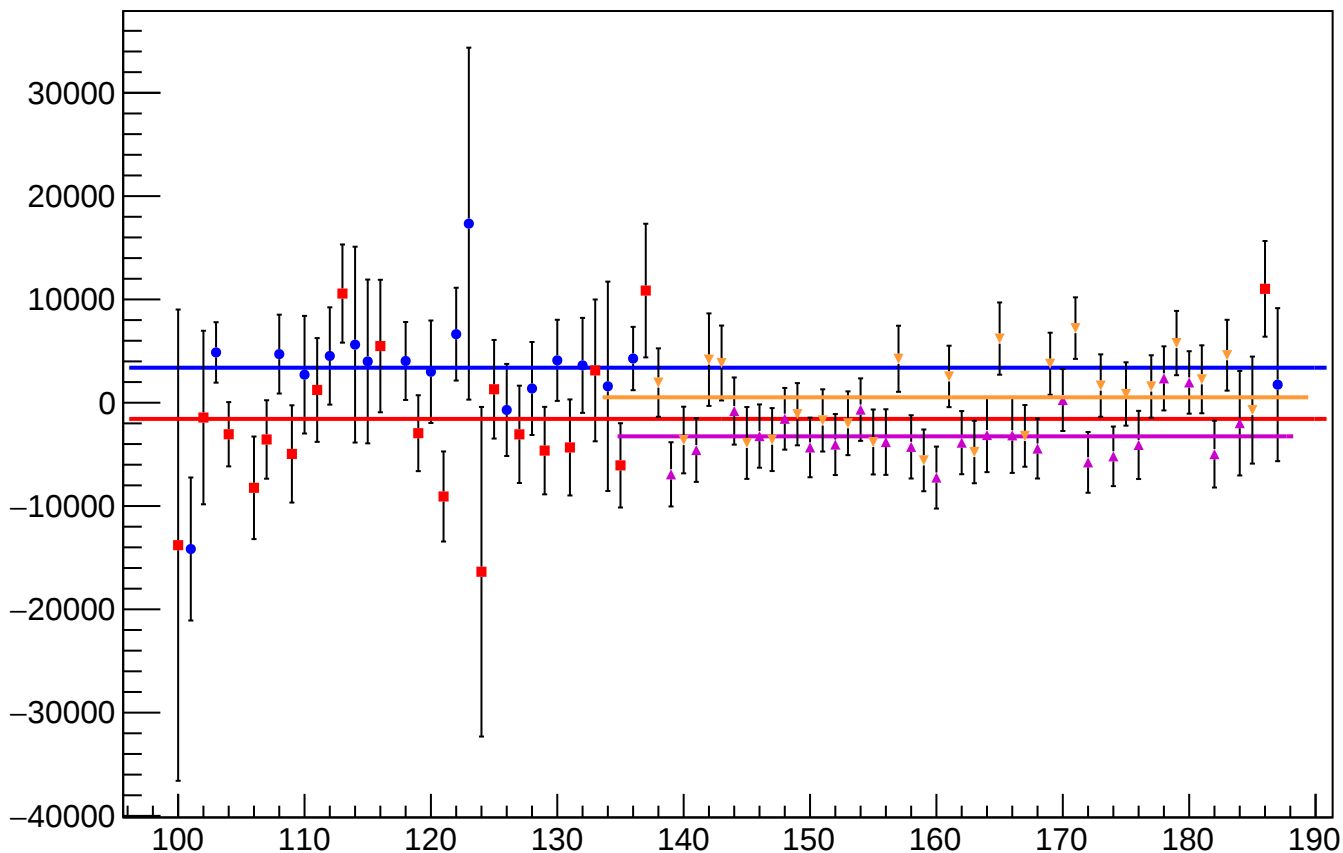
Left In: 2904.499 $\pm$ 0.490 χ^2 /NDF:30423.1/22

+ sign 2917.957 $\pm$ 0.414 χ^2 /NDF: 719557.4/42

All: 2914.379 $\pm$ 0.293 χ^2 /NDF: 951695.0/85

- sign 2910.805 $\pm$ 0.414 χ^2 /NDF: 231988.3/42

dit_asym_atr2_mean vs Slug



Right In: 3389.084 $\pm$ 1104.780 χ^2 /NDF: 9.4/17

Left Out: 525.603 $\pm$ 642.362 χ^2 /NDF:34.5/24

Right Out: -1565.796 $\pm$ 1080.684 χ^2 /NDF: 29.2/19

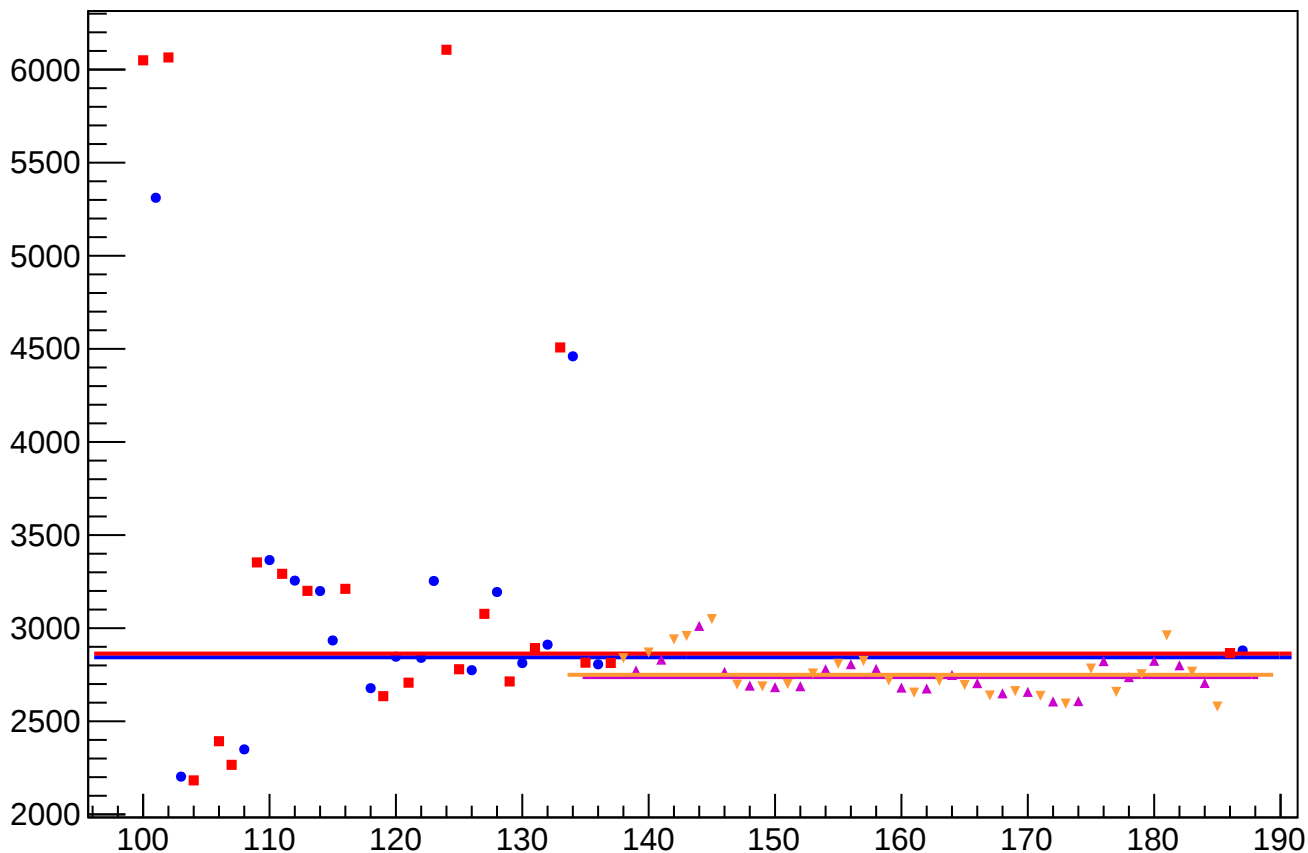
Left In: -3254.085 $\pm$ 652.364 χ^2 /NDF:14.8/22

+ sign 1249.078 $\pm$ 555.316 χ^2 /NDF: 48.9/42

All: -765.490 $\pm$ 393.786 χ^2 /NDF: 121.2/85

- sign -2803.179 $\pm$ 558.494 χ^2 /NDF: 45.8/42

dit_asym_atr2_rms vs Slug



Right In: 2843.707 ± 0.781 χ^2/NDF : 488164.5/17

Left Out: 2749.662 ± 0.454 χ^2/NDF : 61223.5/24

Right Out: 2863.742 ± 0.764 χ^2/NDF : 760764.1/19

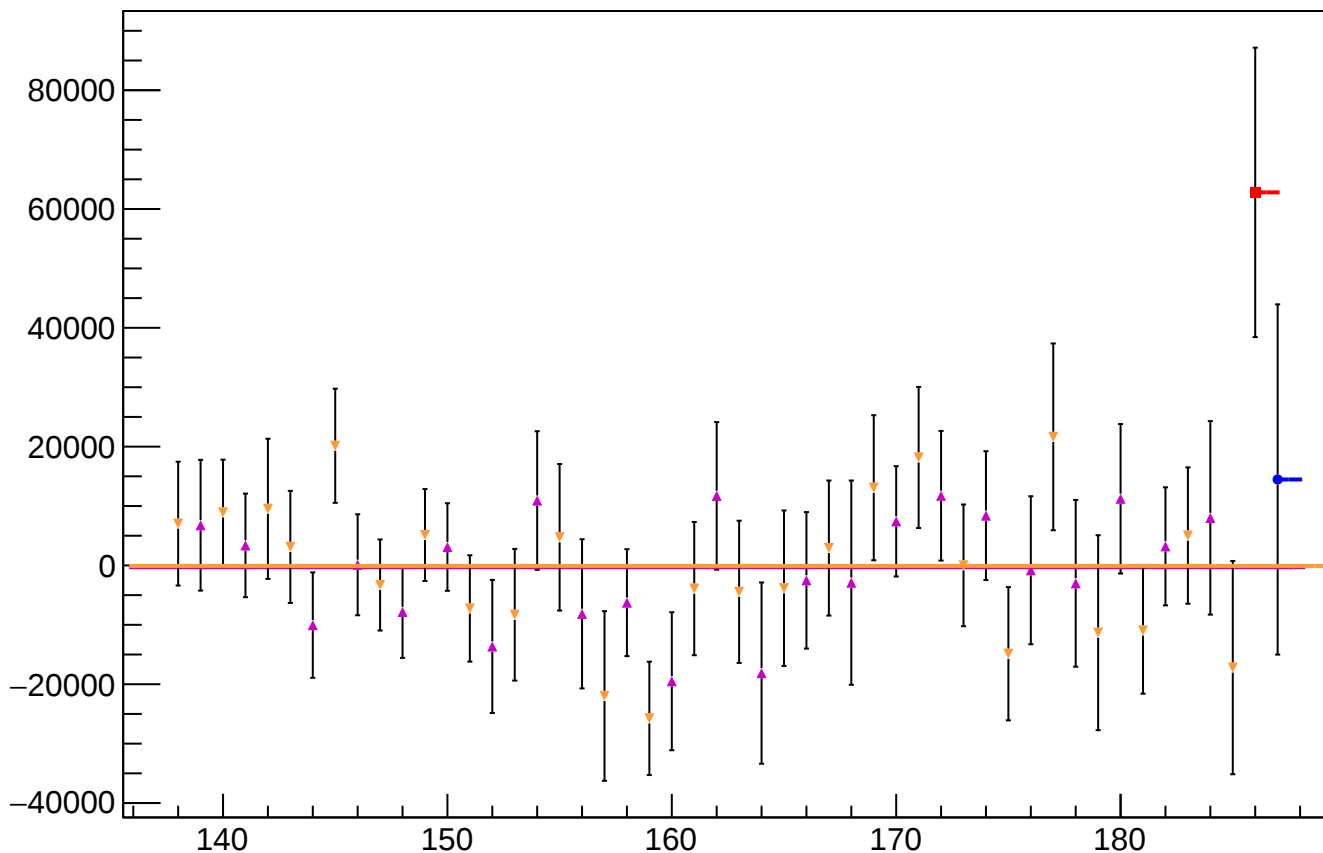
Left In: 2737.277 ± 0.461 χ^2/NDF : 36772.0/22

+ sign 2773.423 ± 0.393 χ^2/NDF : 560219.1/42

All: 2772.254 ± 0.278 χ^2/NDF : 1377858.2/85

- sign 2771.072 ± 0.395 χ^2/NDF : 817621.2/42

asym_atr2_correction_mean vs Slug



Right In: 14469.298 $\pm$ 29482.124 χ^2 /NDF: 0.0/0

Left Out: -82.636 $\pm$ 2156.495 χ^2 /NDF:28.5/24

Right Out: 62798.720 $\pm$ 24362.857 χ^2 /NDF: 0.0/0

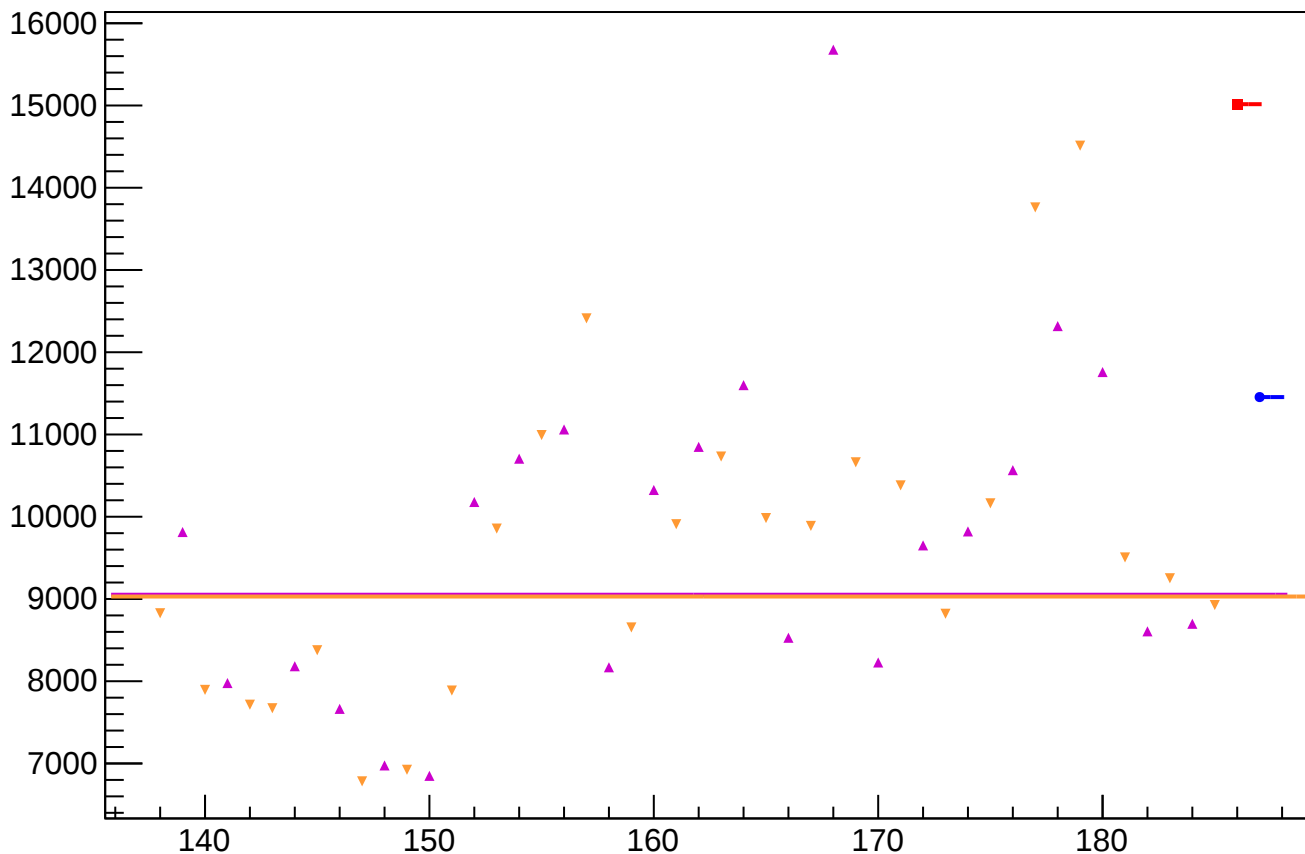
Left In: -302.846 $\pm$ 2201.549 χ^2 /NDF:15.0/22

+ sign -5.193 $\pm$ 2150.749 χ^2 /NDF: 28.7/25

All: 99.475 $\pm$ 1535.397 χ^2 /NDF: 50.4/49

- sign 208.257 $\pm$ 2192.615 χ^2 /NDF: 21.7/23

asym_atr2_correction_rms vs Slug



Right In: 11454.769+/-20.847 χ^2 /NDF: 0.0/0

Left Out: 9029.768+/-1.525 χ^2 /NDF:1205548.5/24

Right Out: 15015.943+/-17.227 χ^2 /NDF: 0.0/0

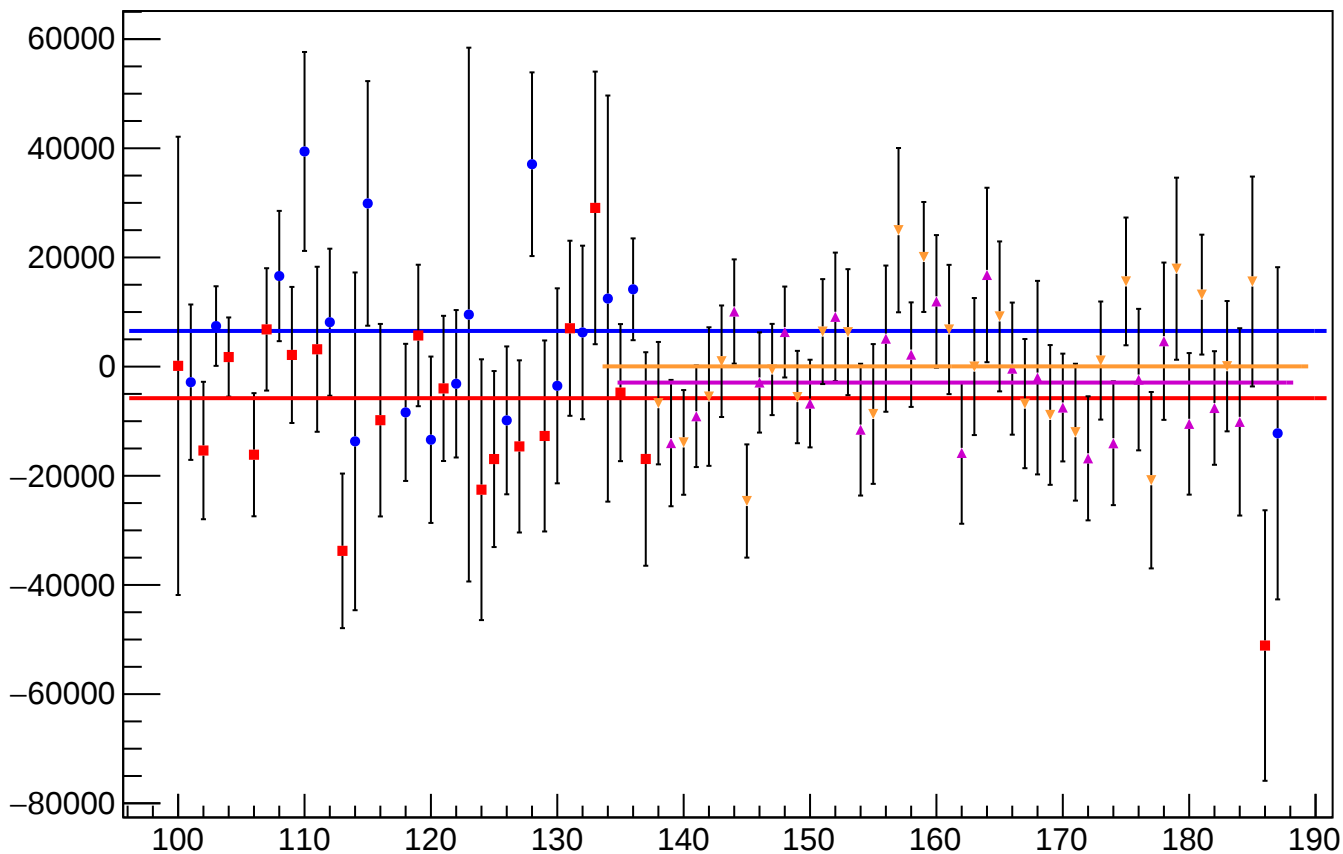
Left In: 9051.613+/-1.557 χ^2 /NDF:1255222.8/22

+ sign 9042.673+/-1.521 χ^2 /NDF: 1219007.7/25

All: 9070.746+/-1.086 χ^2 /NDF: 2593820.8/49

- sign 9099.922+/-1.550 χ^2 /NDF: 1374118.2/23

asym_atr2_mean vs Slug



Right In: 6535.091 $\pm$ 3366.350 χ^2 /NDF: 15.7/17

Left Out: 43.265 $\pm$ 2290.867 χ^2 /NDF:25.9/24

Right Out: -5781.829 $\pm$ 3142.053 χ^2 /NDF: 17.0/19

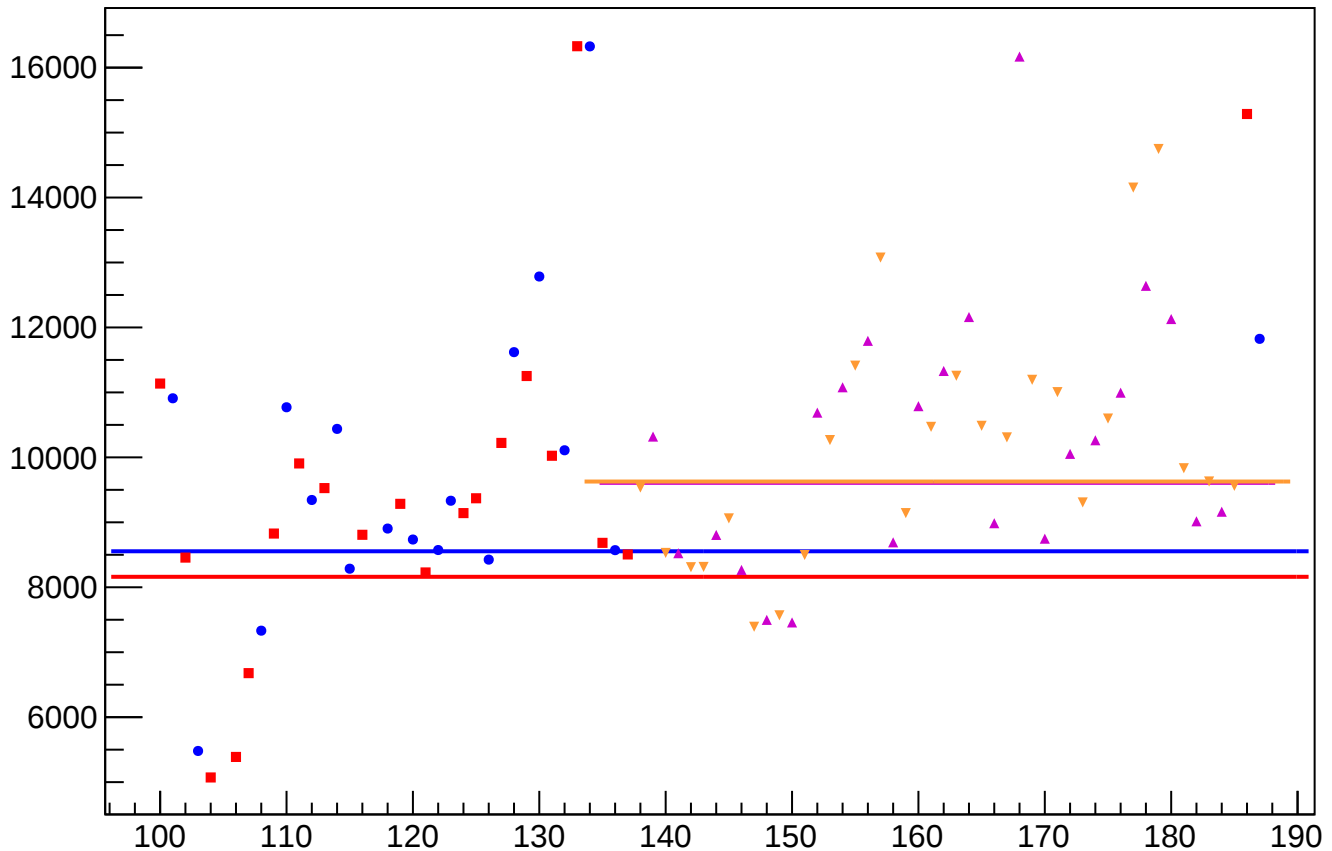
Left In: -2925.533 $\pm$ 2330.587 χ^2 /NDF:14.6/22

+ sign 2098.076 $\pm$ 1893.921 χ^2 /NDF: 44.1/42

All: -955.957 $\pm$ 1331.338 χ^2 /NDF: 81.4/85

- sign -3939.270 $\pm$ 1871.865 χ^2 /NDF: 32.1/42

asym_atr2_rms vs Slug



Right In: 8554.182 $\pm$ 2.380 χ^2 /NDF: 785999.8/17

Left Out: 9627.824 $\pm$ 1.620 χ^2 /NDF:1004641.7/24

Right Out: 8161.140 $\pm$ 2.222 χ^2 /NDF: 1120339.3/19

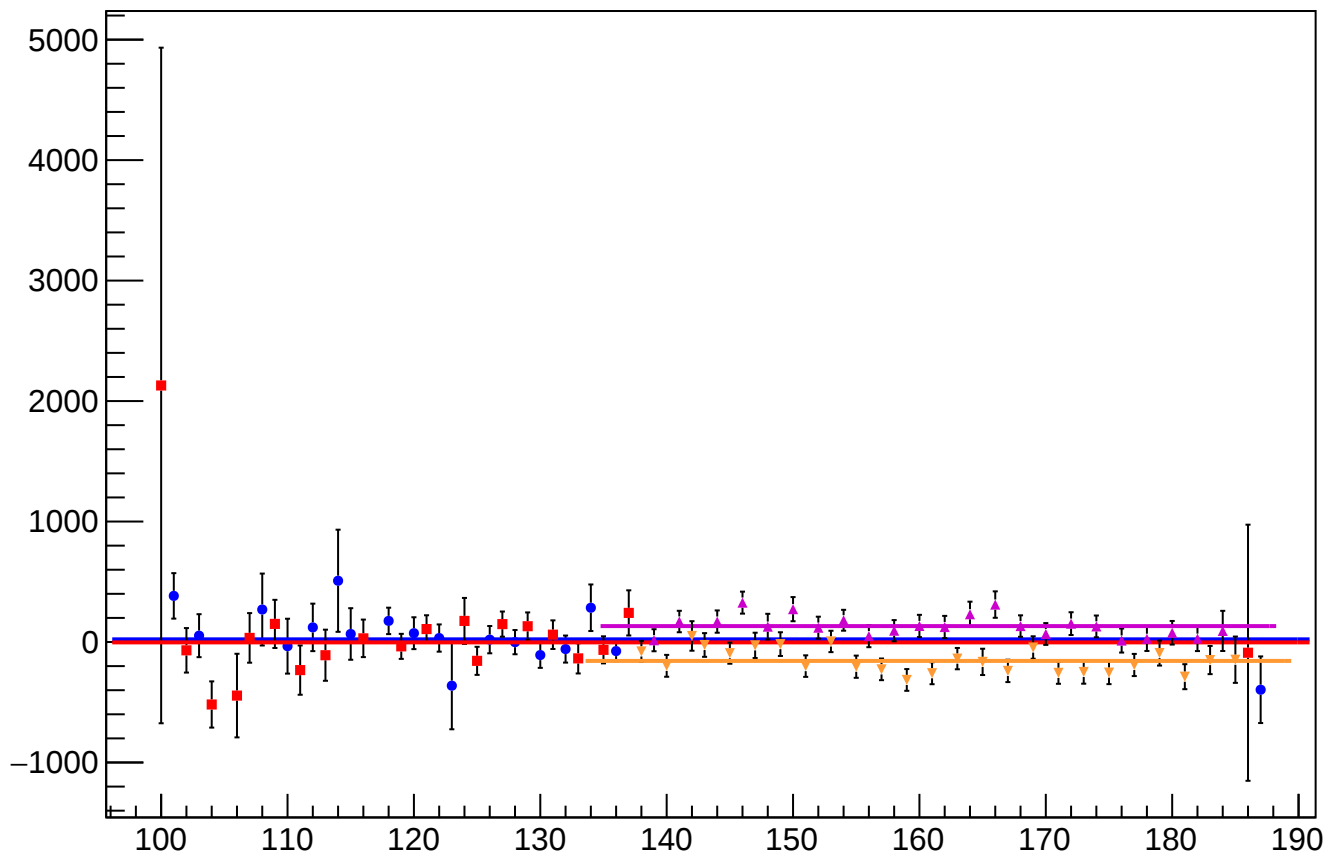
Left In: 9607.553 $\pm$ 1.648 χ^2 /NDF:1085465.7/22

+ sign 9287.992 $\pm$ 1.339 χ^2 /NDF: 1929686.1/42

All: 9189.949 $\pm$ 0.941 χ^2 /NDF: 4419503.5/85

- sign 9094.179 $\pm$ 1.324 χ^2 /NDF: 2479222.3/42

dit_asym_sam1_mean vs Slug



Right In: 22.101+/-33.432 χ^2/NDF : 16.8/17

Left Out: -156.954+/-19.364 χ^2/NDF : 26.0/24

Right Out: -3.049+/-33.674 χ^2/NDF : 22.3/19

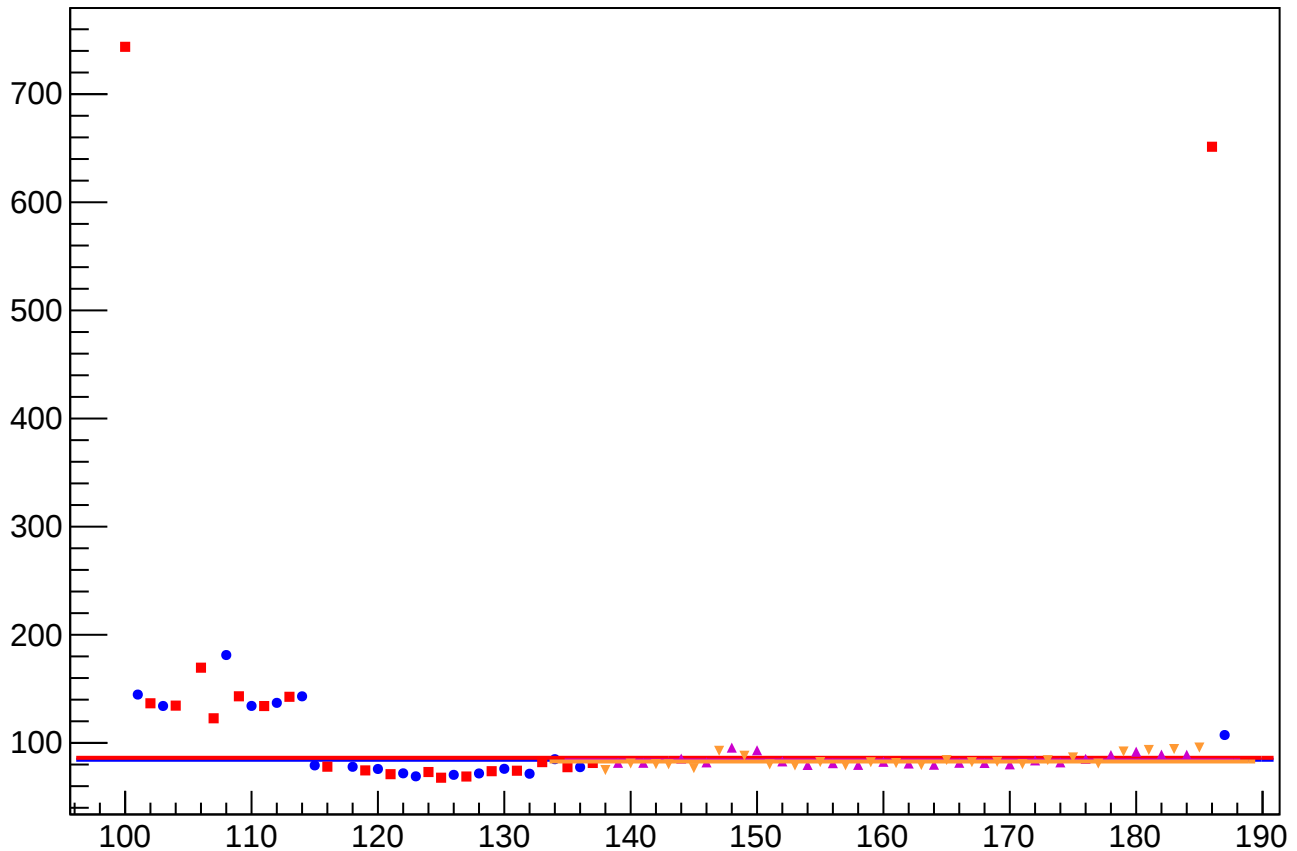
Left In: 132.100+/-20.015 χ^2/NDF : 17.9/22

+ sign -111.974+/-16.756 χ^2/NDF : 64.3/42

All: -10.339+/-12.004 χ^2/NDF : 192.0/85

- sign 96.819+/-17.205 χ^2/NDF : 52.1/42

dit_asym_sam1_rms vs Slug



Right In: 84.406 $\pm$ 0.024 χ^2 /NDF: 1019746.6/17

Left Out: 82.818 $\pm$ 0.014 χ^2 /NDF:135988.7/24

Right Out: 86.234 $\pm$ 0.024 χ^2 /NDF: 1781100.9/19

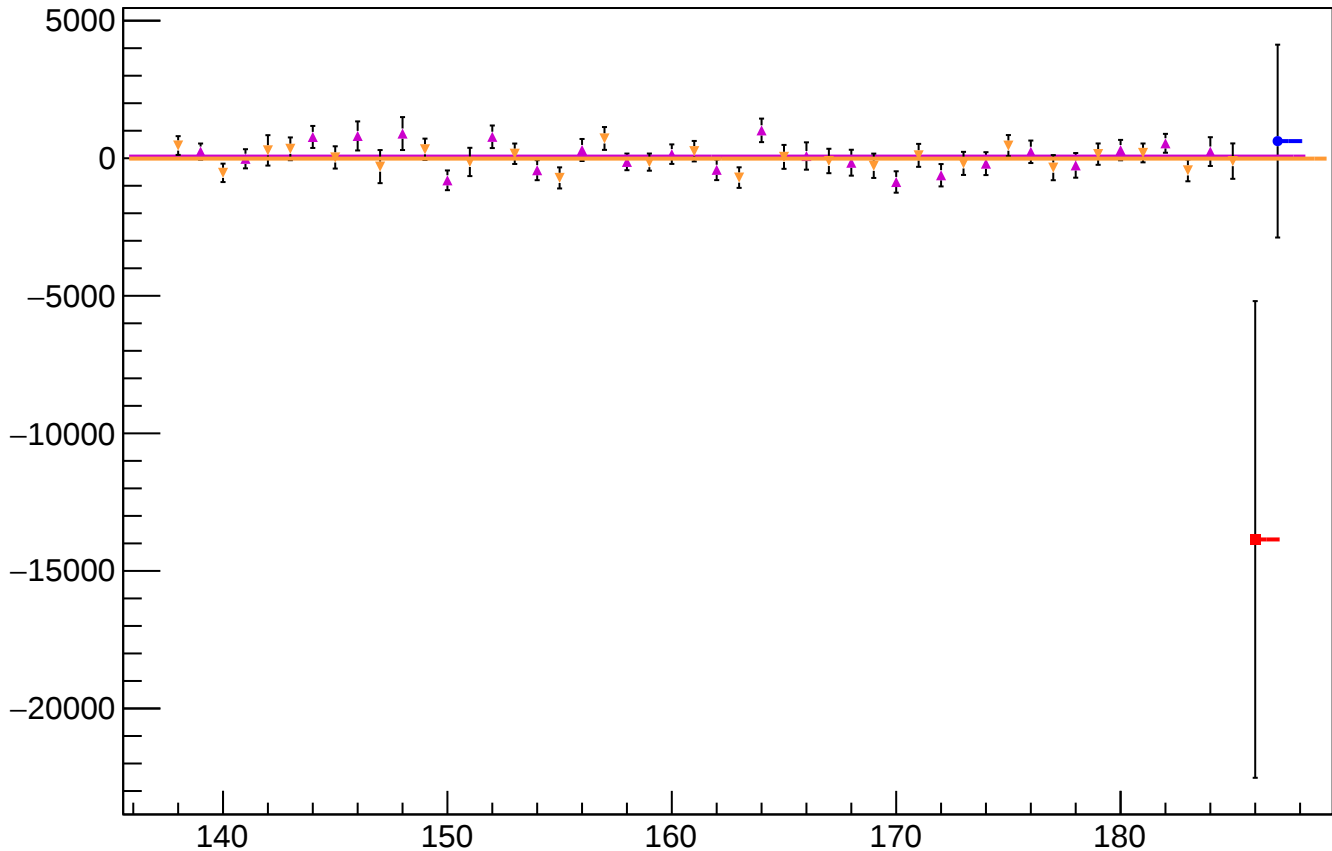
Left In: 83.857 $\pm$ 0.014 χ^2 /NDF:94568.8/22

+ sign 83.217 $\pm$ 0.012 χ^2 /NDF: 1159116.5/42

All: 83.830 $\pm$ 0.008 χ^2 /NDF: 3047663.1/85

- sign 84.477 $\pm$ 0.012 χ^2 /NDF: 1883038.0/42

asym_sam1_correction_mean vs Slug



Right In: 623.216+/-3504.918 χ^2/NDF : 0.0/0

Left Out: -13.413+/-80.897 χ^2/NDF : 21.6/24

Right Out: -13856.099+/-8663.485 χ^2/NDF : 0.0/0

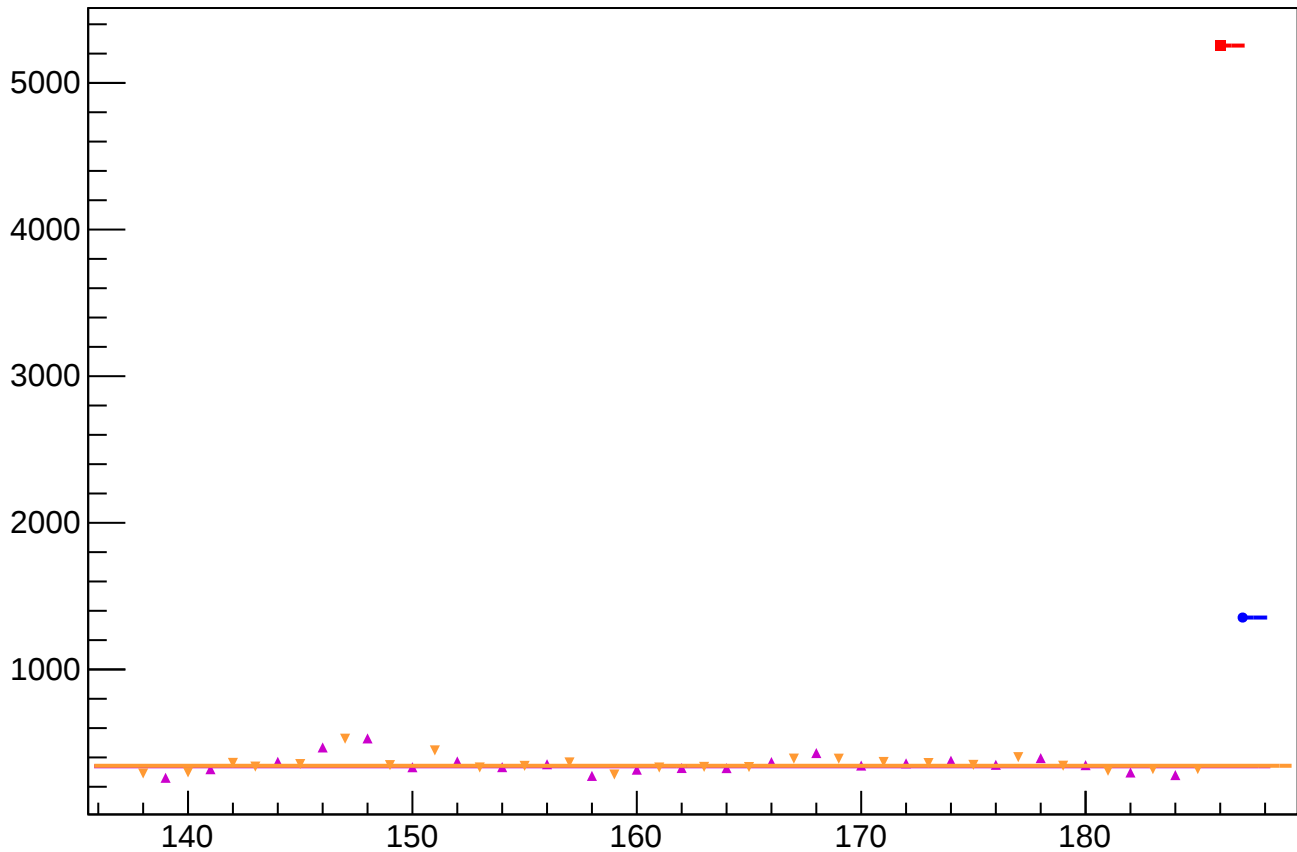
Left In: 60.223+/-81.951 χ^2/NDF : 37.9/22

+ sign -13.074+/-80.875 χ^2/NDF : 21.6/25

All: 22.478+/-57.563 χ^2/NDF : 62.6/49

- sign 58.978+/-81.947 χ^2/NDF : 40.5/23

asym_sam1_correction_rms vs Slug



Right In: 1354.000 $\pm$ 2.478 χ^2 /NDF: 0.0/0

Left Out: 343.128 $\pm$ 0.057 χ^2 /NDF: 566334.3/24

Right Out: 5254.786 $\pm$ 6.126 χ^2 /NDF: 0.0/0

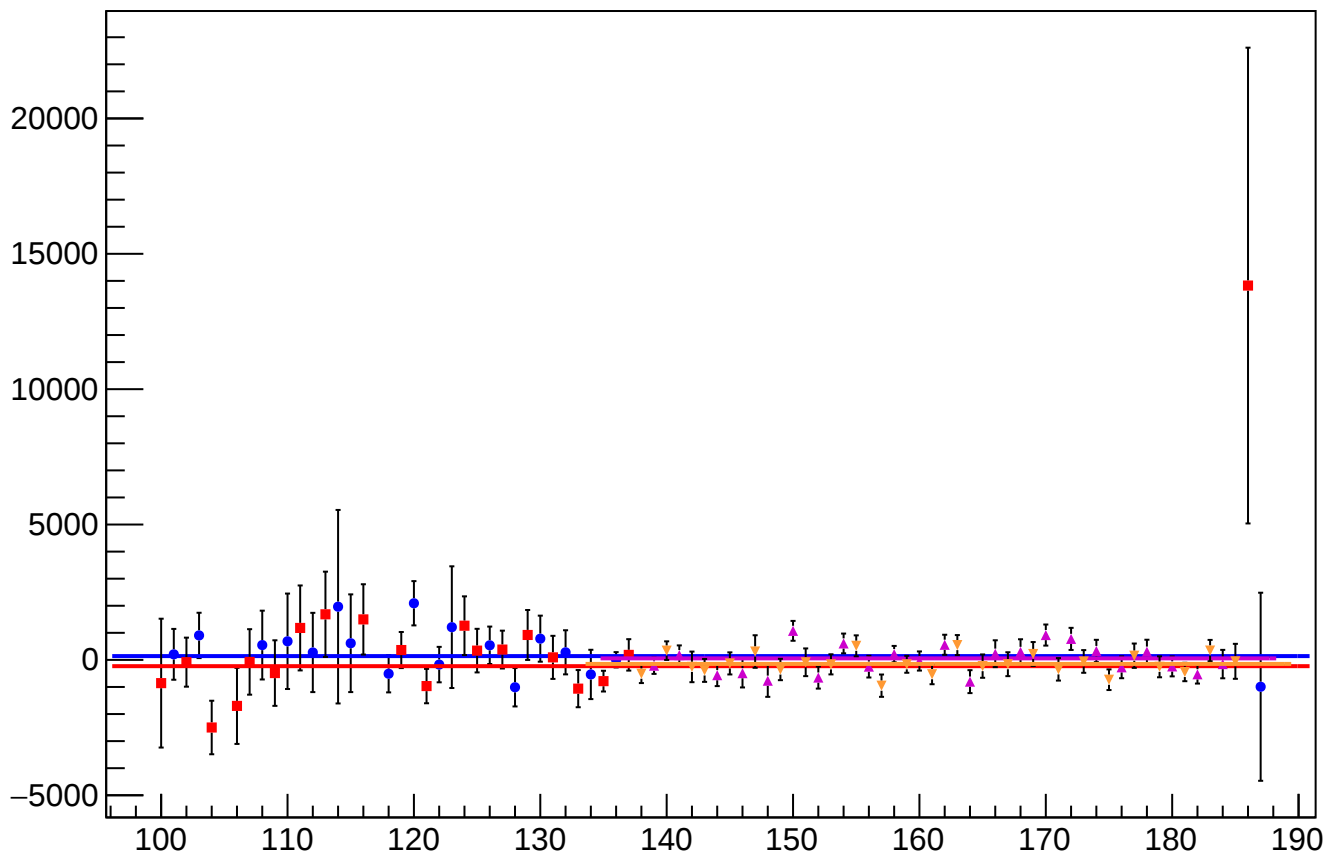
Left In: 339.423 $\pm$ 0.058 χ^2 /NDF: 795958.6/22

+ sign 343.666 $\pm$ 0.057 χ^2 /NDF: 732612.4/25

All: 341.790 $\pm$ 0.041 χ^2 /NDF: 2174503.7/49

- sign 339.863 $\pm$ 0.058 χ^2 /NDF: 1439708.3/23

asym_sam1_mean vs Slug



Right In: 140.471 ± 178.999 χ^2/NDF : 12.9/17

Left Out: -148.809 ± 81.017 χ^2/NDF : 22.0/24

Right Out: -231.657 ± 183.955 χ^2/NDF : 24.2/19

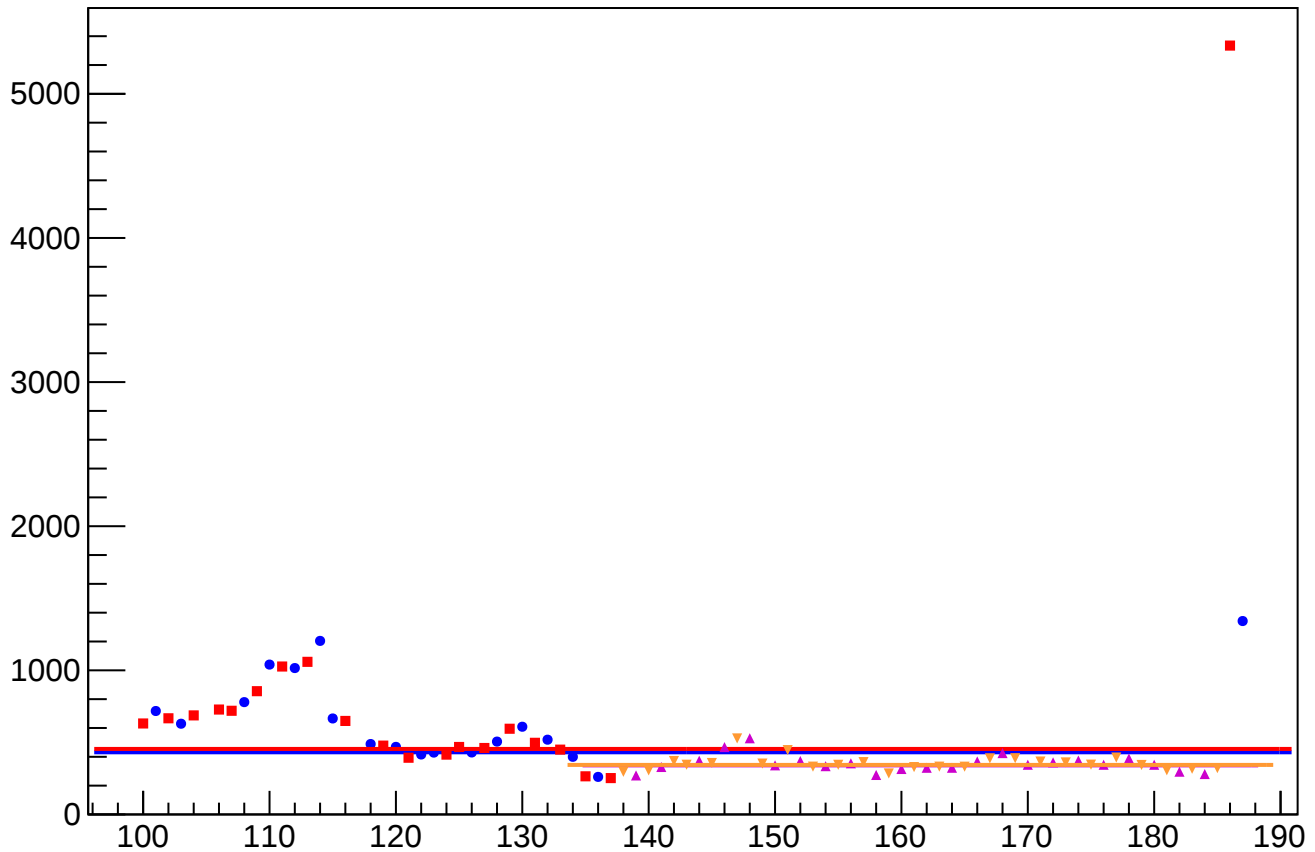
Left In: 56.402 ± 82.155 χ^2/NDF : 39.7/22

+ sign -99.624 ± 73.809 χ^2/NDF : 37.1/42

All: -46.437 ± 52.612 χ^2/NDF : 104.1/85

- sign 8.501 ± 75.014 χ^2/NDF : 66.0/42

asym_sam1_rms vs Slug



Right In: 431.281 ± 0.127 χ^2/NDF : 2150179.2/17

Left Out: 343.762 ± 0.057 χ^2/NDF : 539246.3/24

Right Out: 454.657 ± 0.130 χ^2/NDF : 2656400.4/19

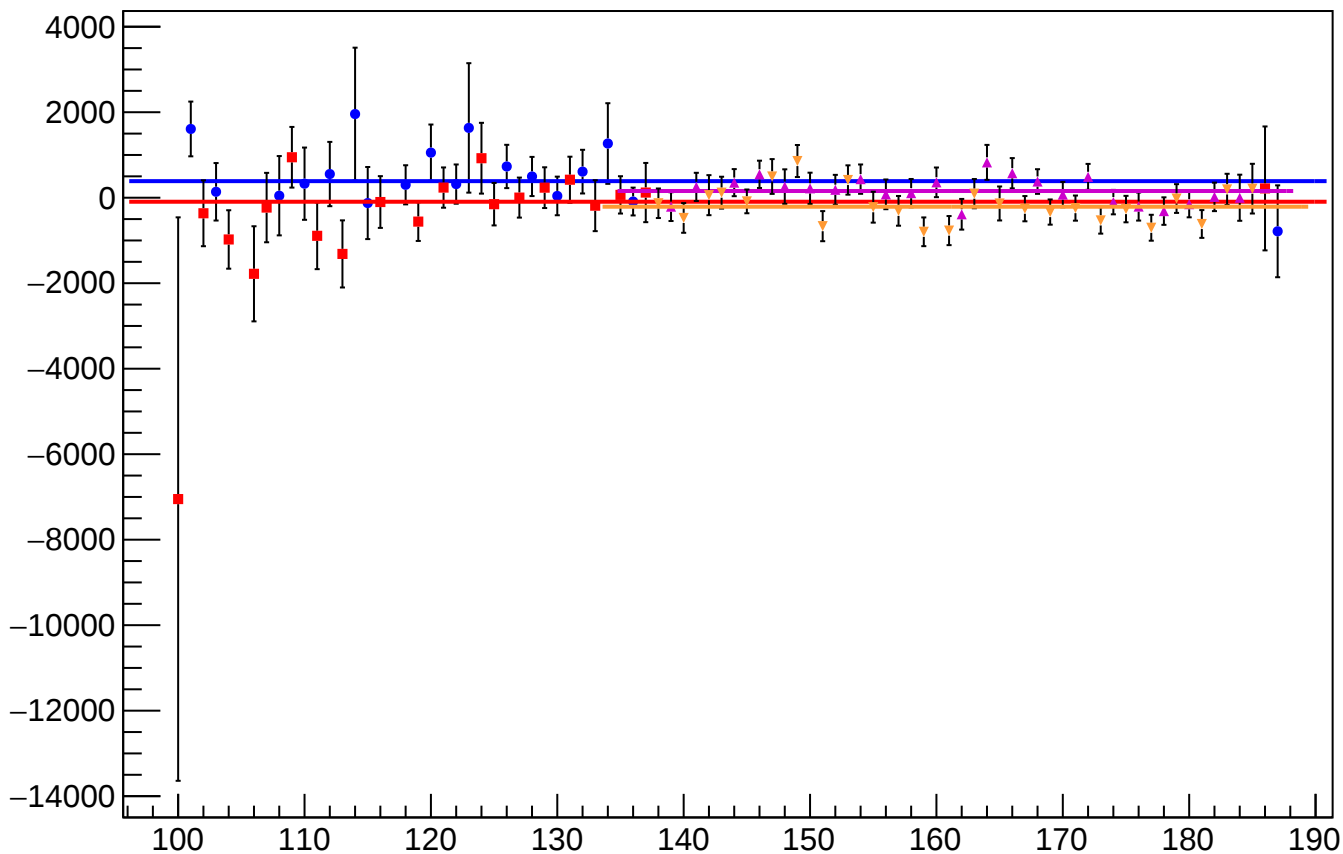
Left In: 340.519 ± 0.058 χ^2/NDF : 737049.6/22

+ sign 358.642 ± 0.052 χ^2/NDF : 3086246.9/42

All: 359.064 ± 0.037 χ^2/NDF : 7121750.8/85

- sign 359.499 ± 0.053 χ^2/NDF : 4035371.3/42

dit_asym_sam2_mean vs Slug



Right In: 387.742 $\pm$ 138.799 χ^2 /NDF: 12.6/17

Left Out: -210.579 $\pm$ 68.284 χ^2 /NDF:32.3/24

Right Out: -93.979 $\pm$ 138.553 χ^2 /NDF: 15.7/19

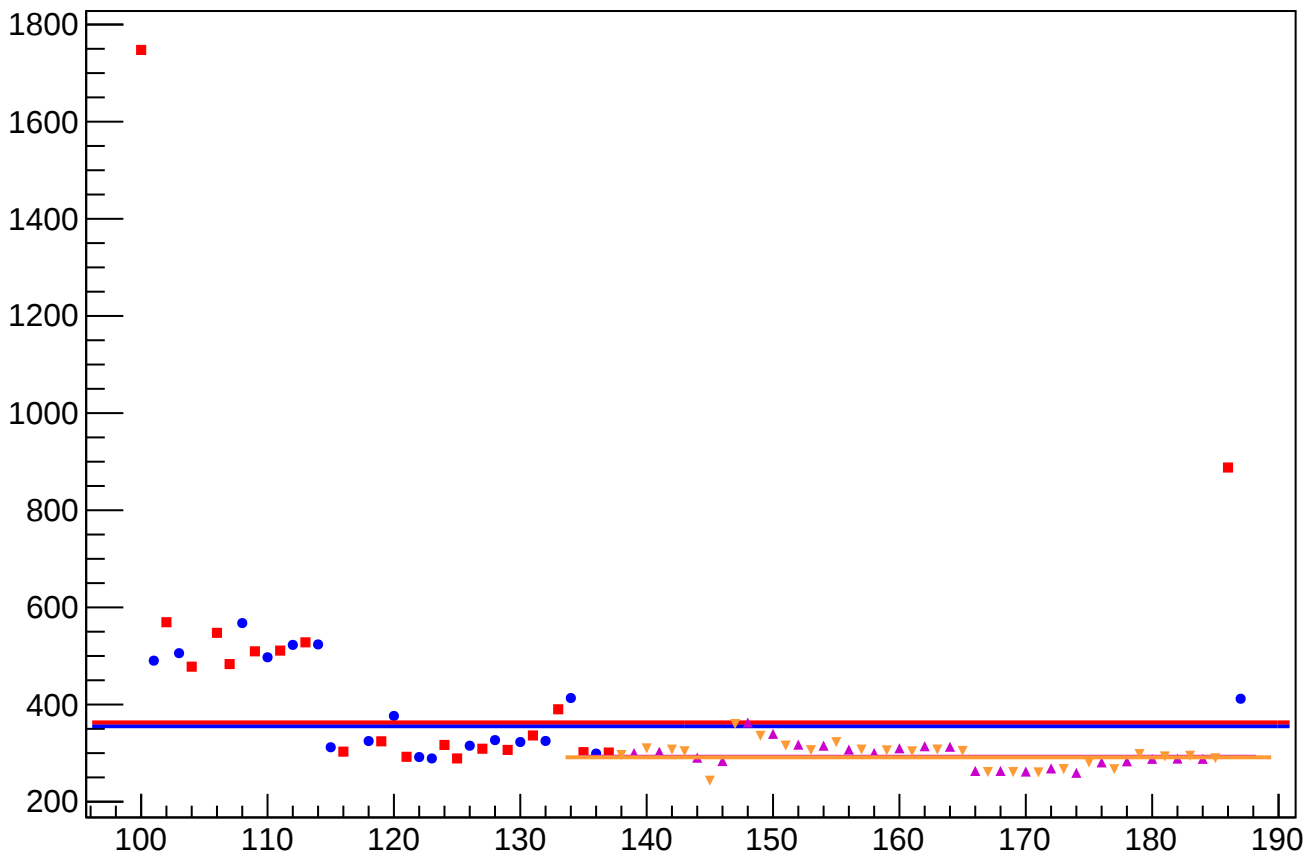
Left In: 156.945 $\pm$ 69.984 χ^2 /NDF:18.0/22

+ sign -93.988 $\pm$ 61.271 χ^2 /NDF: 59.9/42

All: 4.042 $\pm$ 43.742 χ^2 /NDF: 101.4/85

- sign 105.939 $\pm$ 62.468 χ^2 /NDF: 36.3/42

dit_asym_sam2_rms vs Slug



Right In: 355.385 $\pm$ 0.098 χ^2 /NDF: 641894.6/17

Left Out: 291.386 $\pm$ 0.048 χ^2 /NDF: 293095.3/24

Right Out: 363.260 $\pm$ 0.098 χ^2 /NDF: 1143943.3/19

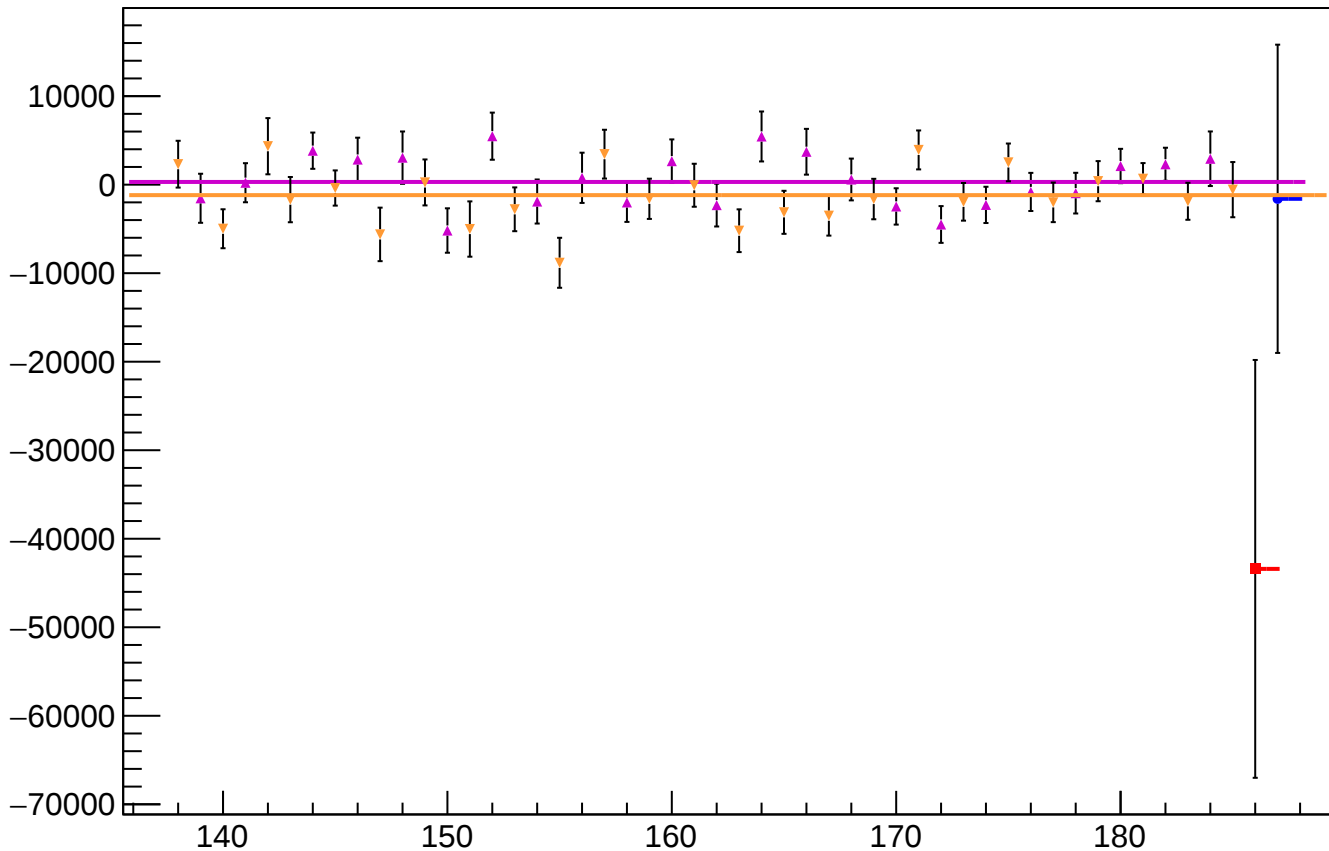
Left In: 292.469 $\pm$ 0.049 χ^2 /NDF: 239778.2/22

+ sign 303.857 $\pm$ 0.043 χ^2 /NDF: 1277348.1/42

All: 305.329 $\pm$ 0.031 χ^2 /NDF: 3079400.5/85

- sign 306.859 $\pm$ 0.044 χ^2 /NDF: 1799698.2/42

asym_sam2_correction_mean vs Slug



Right In: -1597.489 ± 17412.479 χ^2/NDF : 0.0/0

Left Out: -1182.788 ± 475.576 χ^2/NDF : 37.6/24

Right Out: -43405.471 ± 23601.065 χ^2/NDF : 0.0/0

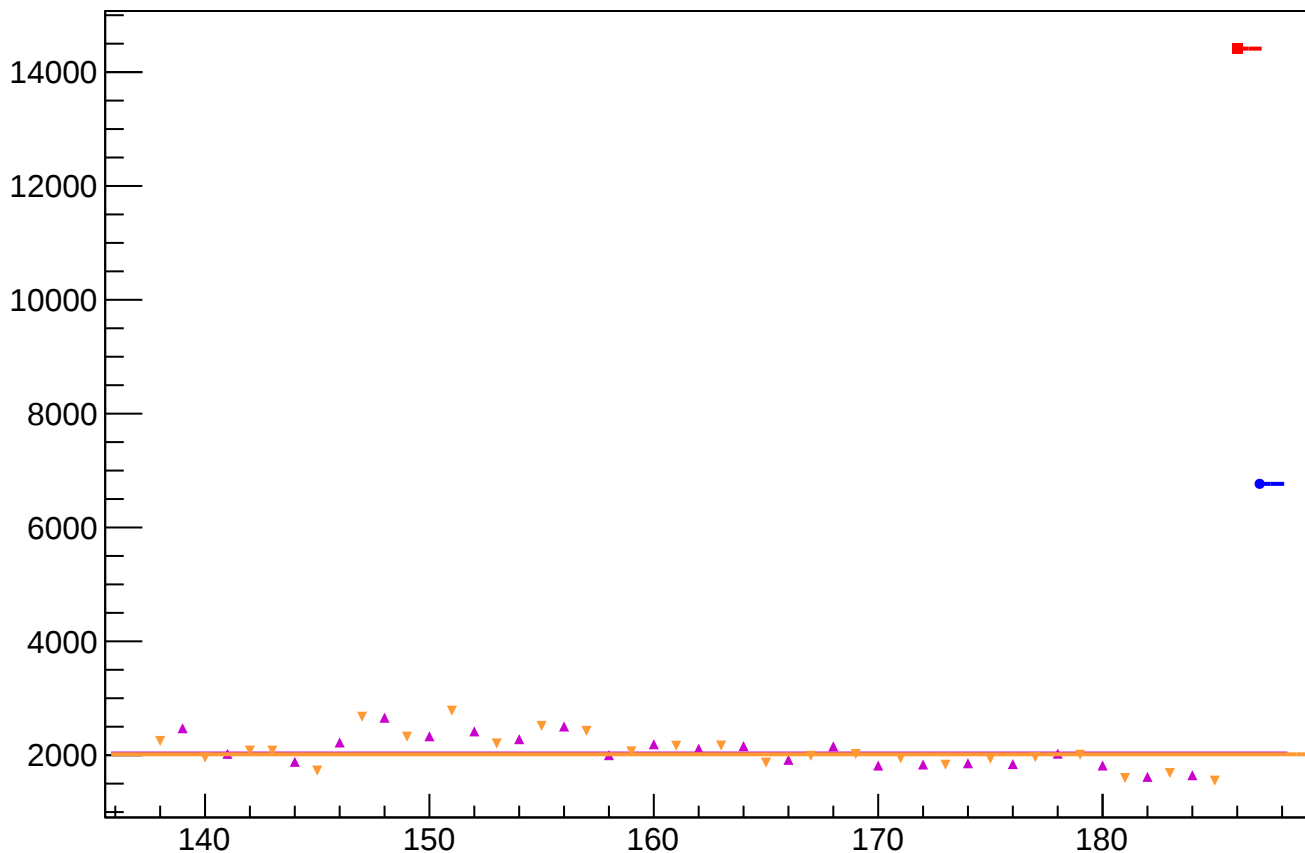
Left In: 306.633 ± 487.657 χ^2/NDF : 35.0/22

+ sign -1183.097 ± 475.399 χ^2/NDF : 37.6/25

All: -466.124 ± 340.373 χ^2/NDF : 80.7/49

- sign 287.978 ± 487.553 χ^2/NDF : 38.5/23

asym_sam2_correction_rms vs Slug



Right In: 6766.611+/-12.312 χ^2/NDF : 0.0/0

Left Out: 2015.502+/-0.336 χ^2/NDF : 672832.0/24

Right Out: 14413.140+/-16.688 χ^2/NDF : 0.0/0

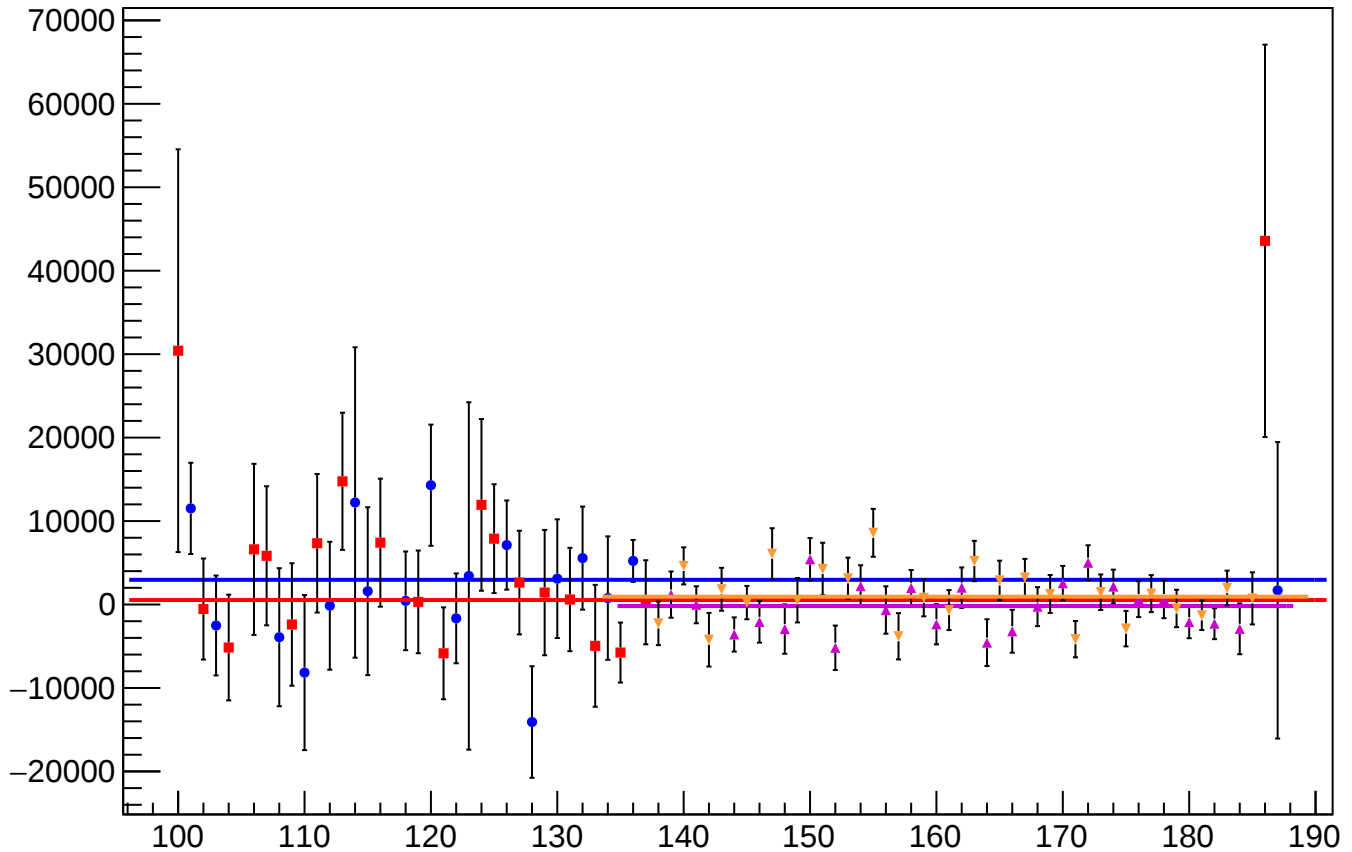
Left In: 2028.571+/-0.345 χ^2/NDF : 555843.5/22

+ sign 2019.043+/-0.336 χ^2/NDF : 821622.4/25

All: 2026.263+/-0.241 χ^2/NDF : 1928894.3/49

- sign 2033.856+/-0.345 χ^2/NDF : 1106325.6/23

asym_sam2_mean vs Slug



Right In: 2960.858 $\pm$ 1435.776 χ^2 /NDF: 17.4/17

Left Out: 942.775 $\pm$ 474.439 χ^2 /NDF: 38.3/24

Right Out: 535.568 $\pm$ 1503.977 χ^2 /NDF: 18.7/19

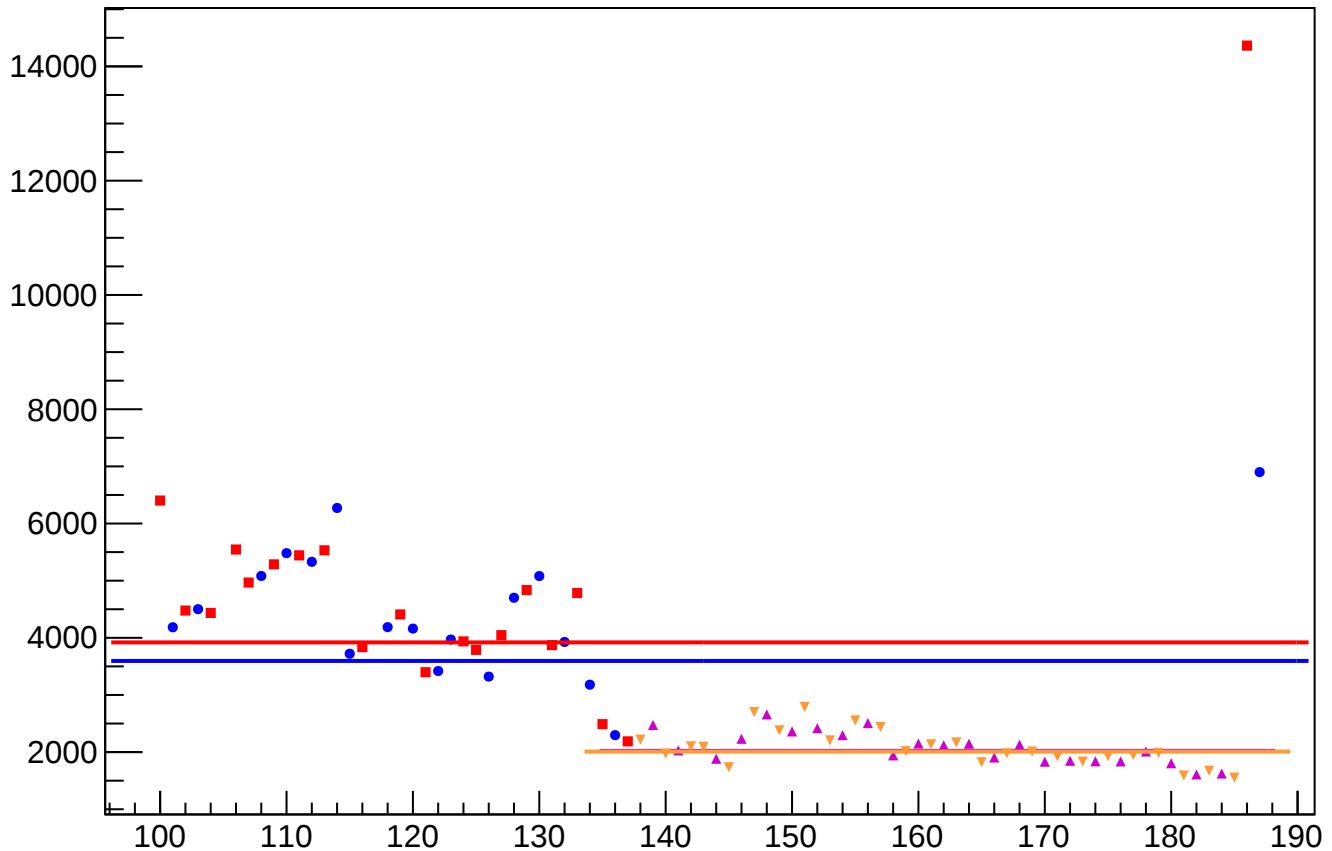
Left In: -180.087 $\pm$ 486.112 χ^2 /NDF: 32.9/22

+ sign 1141.439 $\pm$ 450.482 χ^2 /NDF: 57.4/42

All: 531.093 $\pm$ 322.721 χ^2 /NDF: 113.0/85

- sign -112.395 $\pm$ 462.550 χ^2 /NDF: 51.8/42

asym_sam2_rms vs Slug



Right In: 3595.205+/-1.015 χ^2/NDF : 1158425.5/17

Left Out: 2008.897+/-0.335 χ^2/NDF : 709254.4/24

Right Out: 3919.832+/-1.063 χ^2/NDF : 1384716.7/19

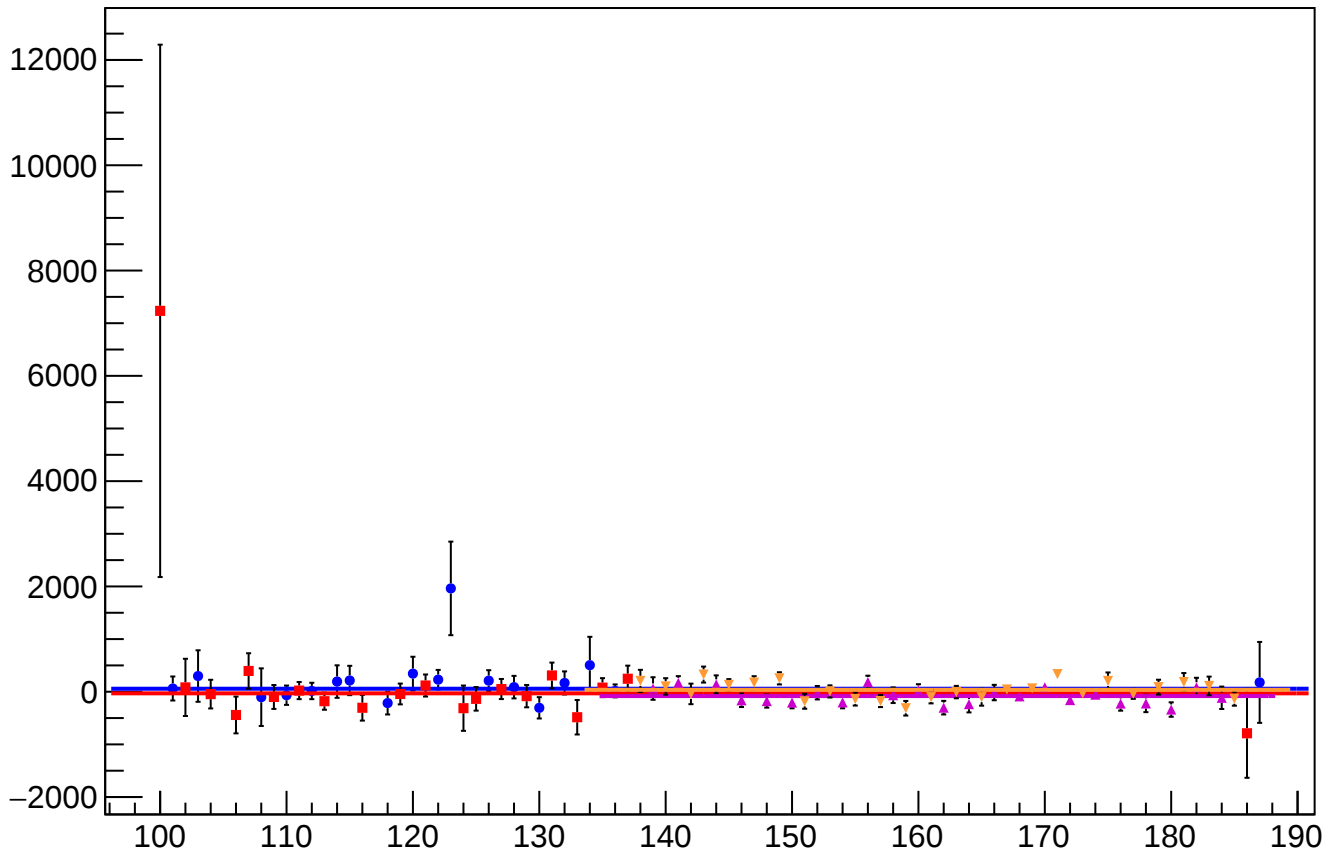
Left In: 2020.887+/-0.344 χ^2/NDF : 576363.5/22

+ sign 2165.057+/-0.319 χ^2/NDF : 4068706.4/42

All: 2182.312+/-0.228 χ^2/NDF : 8922624.5/85

- sign 2200.505+/-0.327 χ^2/NDF : 4847889.9/42

dit_asym_sam3_mean vs Slug



Right In: 57.185+/-53.748 χ^2/NDF : 14.1/17

Left Out: 37.025+/-24.393 χ^2/NDF : 41.9/24

Right Out: -30.396+/-53.923 χ^2/NDF : 15.1/19

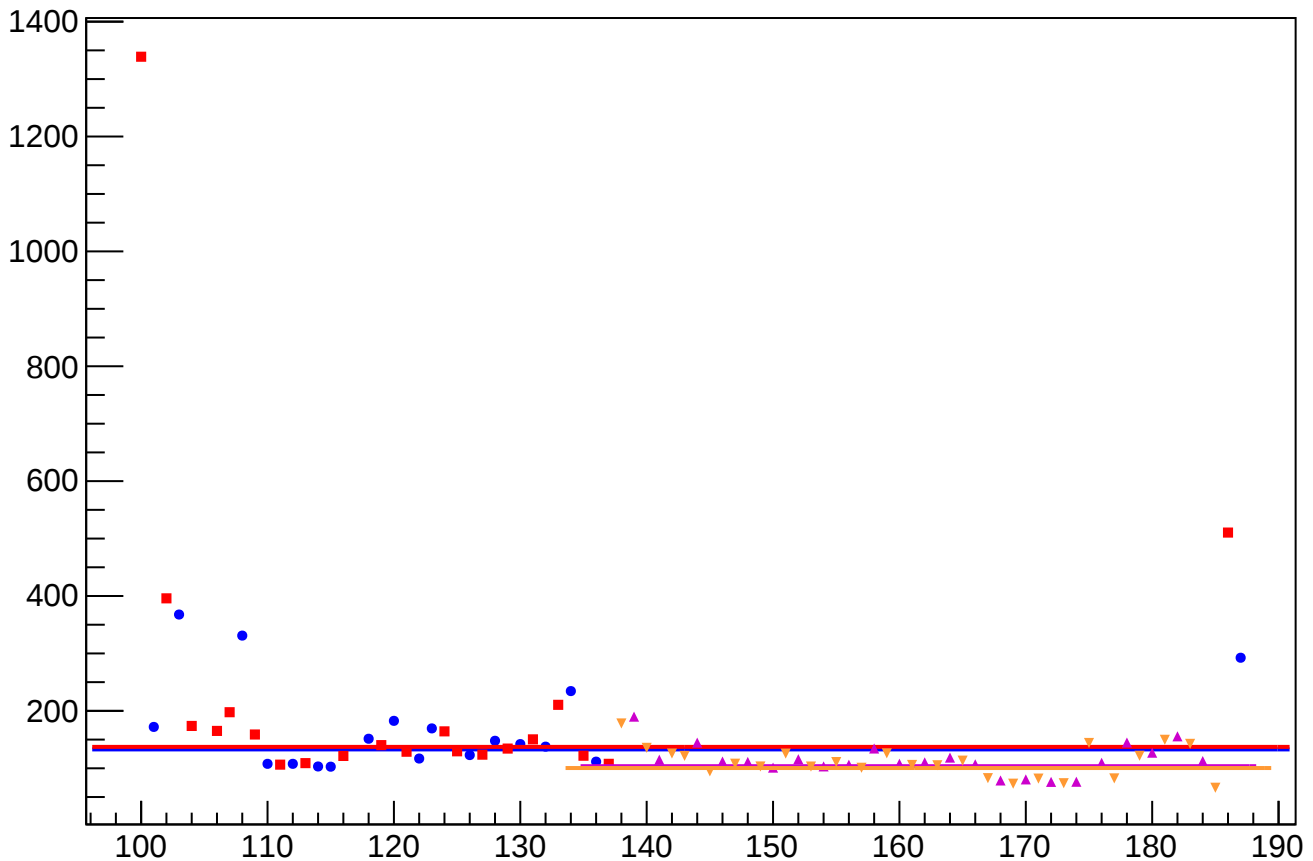
Left In: -82.367+/-25.719 χ^2/NDF : 29.6/22

+ sign 40.468+/-22.213 χ^2/NDF : 56.2/42

All: -13.641+/-16.049 χ^2/NDF : 114.0/85

- sign -72.735+/-23.214 χ^2/NDF : 45.5/42

dit_asym_sam3_rms vs Slug



Right In: 132.888 $\pm$ 0.038 χ^2/NDF : 1231281.8/17

Left Out: 100.470 $\pm$ 0.017 χ^2/NDF : 1857936.9/24

Right Out: 137.296 $\pm$ 0.038 χ^2/NDF : 1400595.9/19

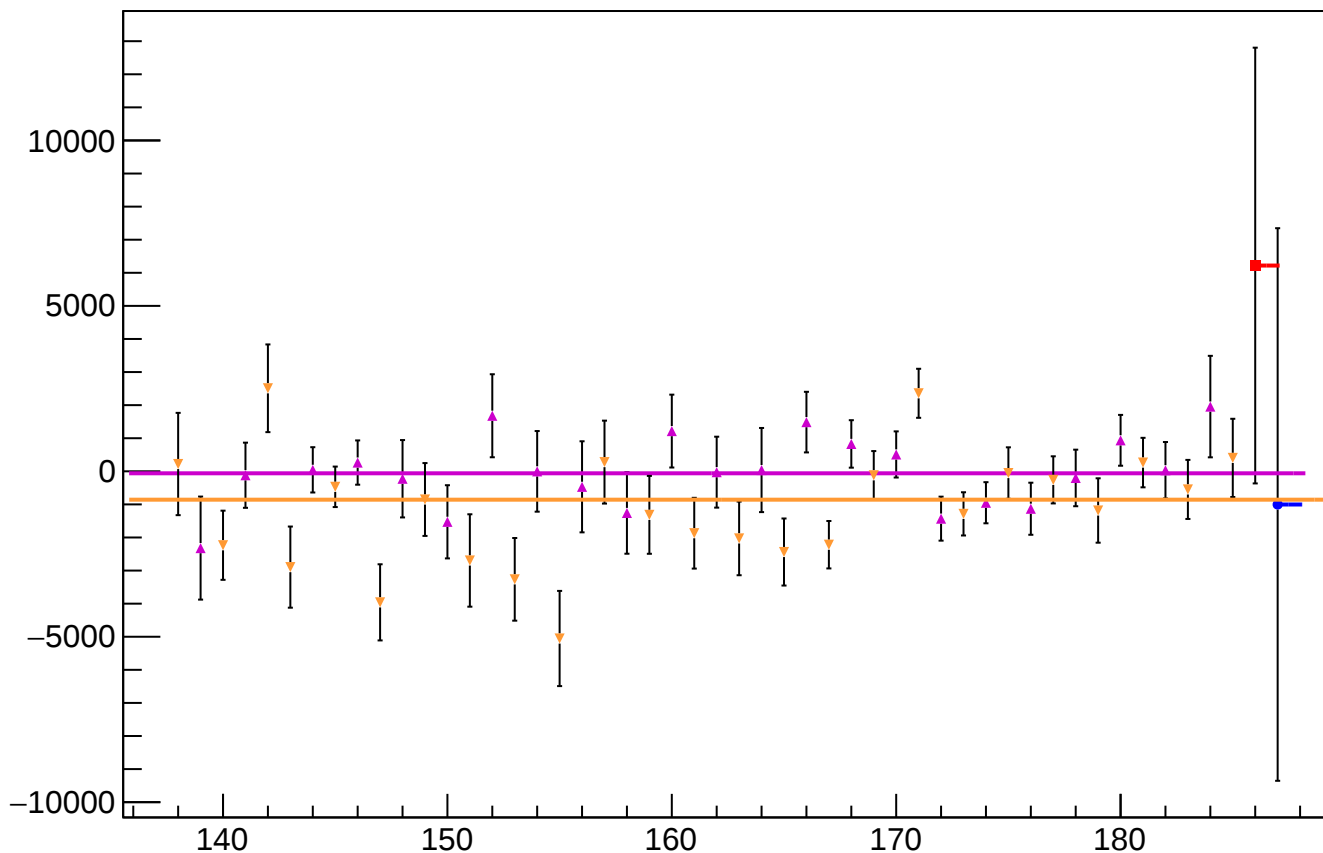
Left In: 103.707 $\pm$ 0.018 χ^2/NDF : 1640646.4/22

+ sign 106.007 $\pm$ 0.016 χ^2/NDF : 3692515.4/42

All: 107.883 $\pm$ 0.011 χ^2/NDF : 7395825.9/85

- sign 109.932 $\pm$ 0.016 χ^2/NDF : 3673462.1/42

asym_sam3_correction_mean vs Slug



Right In: -1002.993 ± 8350.906 χ^2/NDF : 0.0/0

Left Out: -857.296 ± 186.036 χ^2/NDF : 67.8/24

Right Out: 6219.069 ± 6585.139 χ^2/NDF : 0.0/0

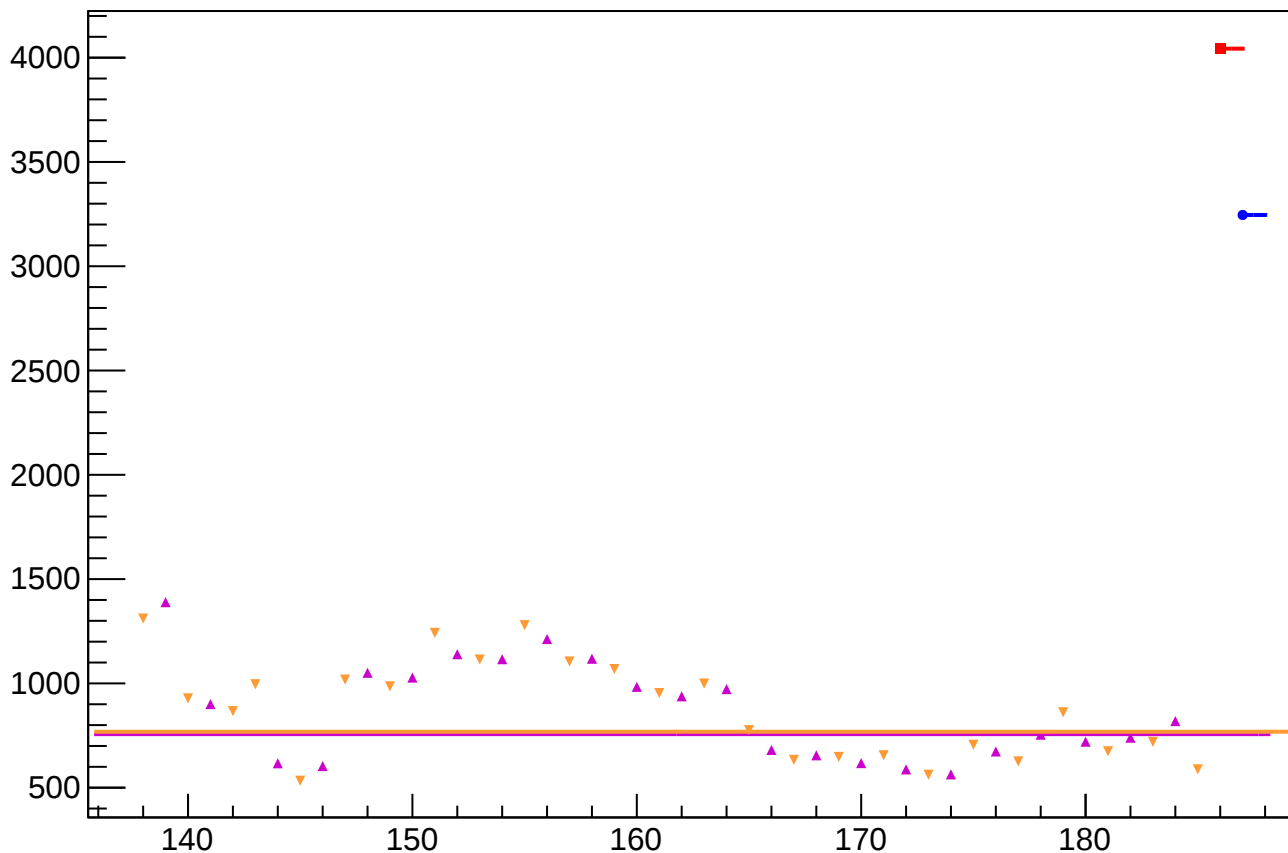
Left In: -59.875 ± 186.696 χ^2/NDF : 25.1/22

+ sign -857.368 ± 185.990 χ^2/NDF : 67.8/25

All: -457.458 ± 131.737 χ^2/NDF : 103.1/49

- sign -54.832 ± 186.621 χ^2/NDF : 26.0/23

asym_sam3_correction_rms vs Slug



Right In: 3245.822 $\pm$ 5.905 χ^2 /NDF: 0.0/0

Left Out: 768.280 $\pm$ 0.132 χ^2 /NDF: 2463696.6/24

Right Out: 4043.278 $\pm$ 4.656 χ^2 /NDF: 0.0/0

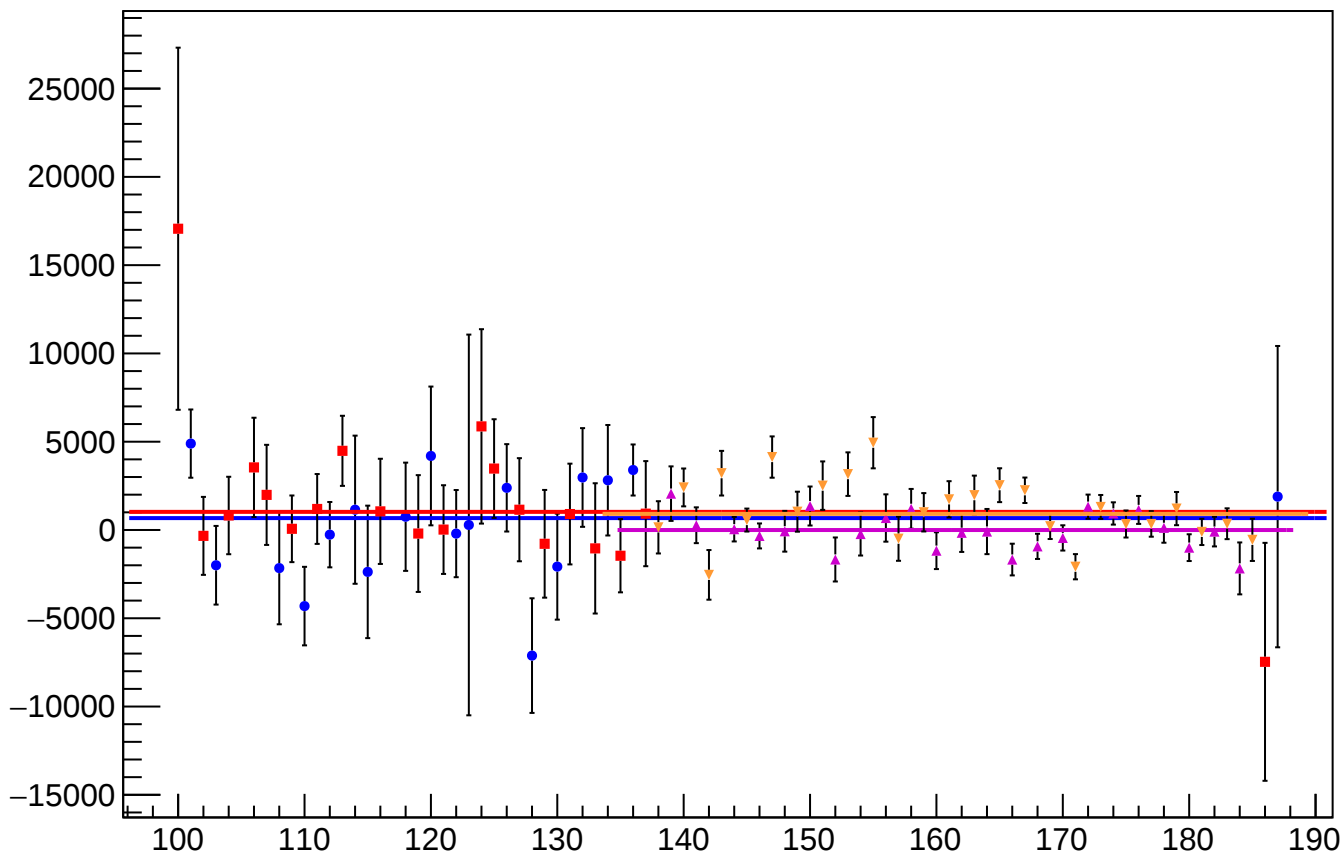
Left In: 756.684 $\pm$ 0.132 χ^2 /NDF: 2245661.1/22

+ sign 769.509 $\pm$ 0.132 χ^2 /NDF: 2639646.7/25

All: 764.434 $\pm$ 0.093 χ^2 /NDF: 5386082.7/49

- sign 759.324 $\pm$ 0.132 χ^2 /NDF: 2743447.5/23

asym_sam3_mean vs Slug



Right In: 672.847 ± 617.219 χ^2/NDF : 25.7/17

Left Out: 911.919 ± 186.104 χ^2/NDF : 64.9/24

Right Out: 1026.341 ± 600.244 χ^2/NDF : 12.6/19

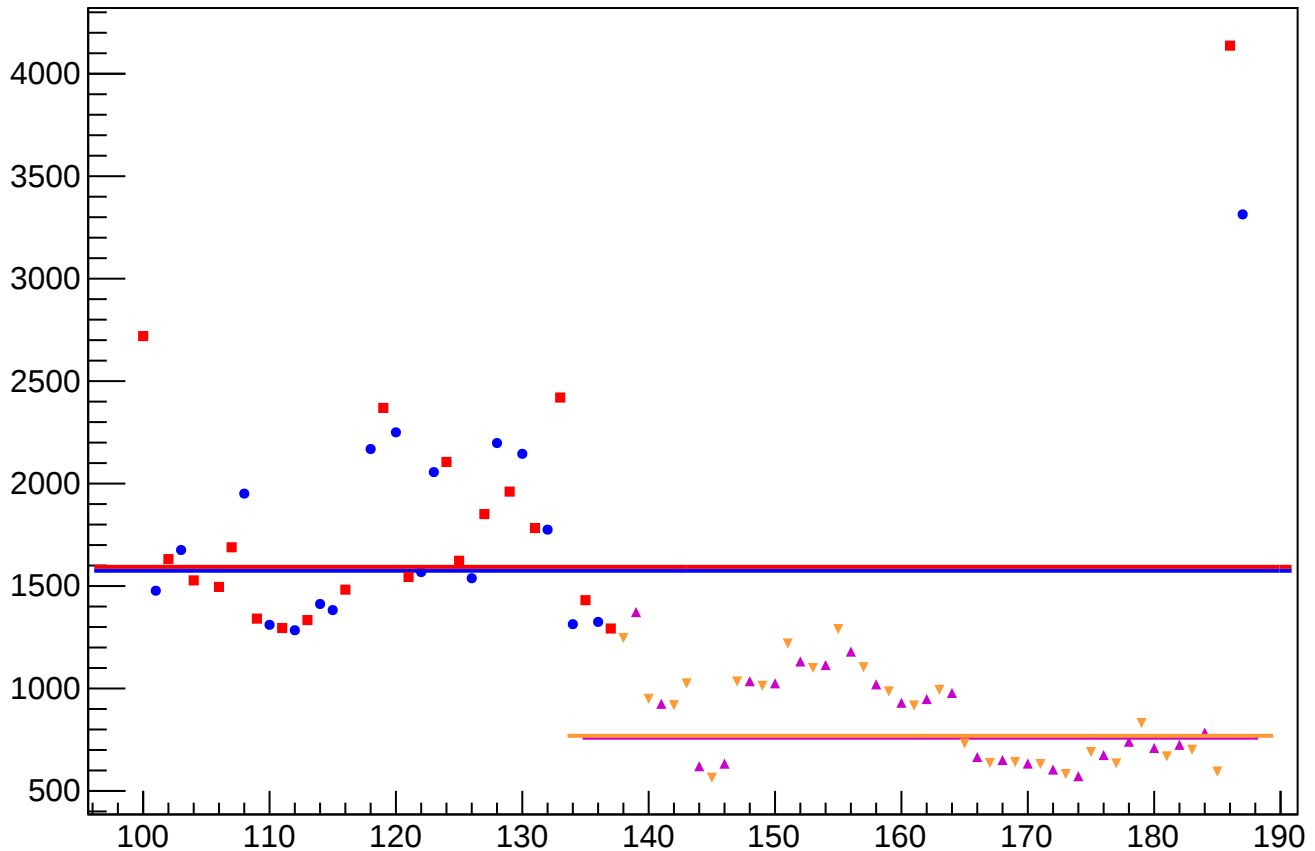
Left In: -2.470 ± 187.271 χ^2/NDF : 25.6/22

+ sign 891.995 ± 178.181 χ^2/NDF : 90.7/42

All: 491.724 ± 126.202 χ^2/NDF : 141.7/85

- sign 88.791 ± 178.772 χ^2/NDF : 40.9/42

asym_sam3_rms vs Slug



Right In: 1574.767 $\pm$ 0.436 χ^2 /NDF: 574275.3/17

Left Out: 769.207 $\pm$ 0.132 χ^2 /NDF: 2275390.6/24

Right Out: 1593.709 $\pm$ 0.424 χ^2 /NDF: 749262.5/19

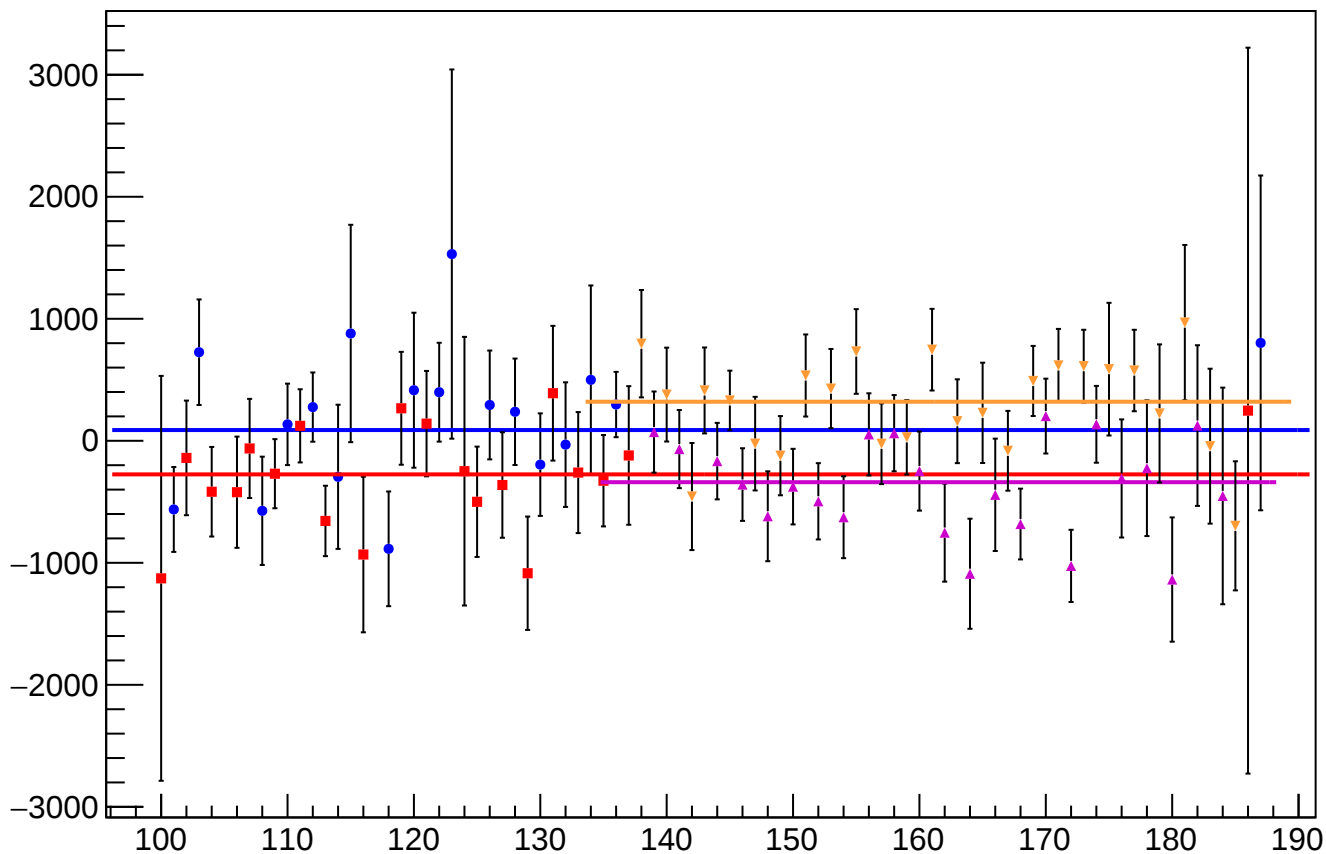
Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

+ sign 836.341 $\pm$ 0.126 χ^2 /NDF: 5972559.3/42

All: 835.122 $\pm$ 0.089 χ^2 /NDF: 12253373.7/85

- sign 833.895 $\pm$ 0.126 χ^2 /NDF: 6280626.5/42

dit_asym_sam4_mean vs Slug



Right In: 88.010 $\pm$ 103.324 χ^2 /NDF: 17.6/17

Left Out: 320.359 $\pm$ 71.442 χ^2 /NDF:22.6/24

Right Out: -275.239 $\pm$ 97.745 χ^2 /NDF: 12.6/19

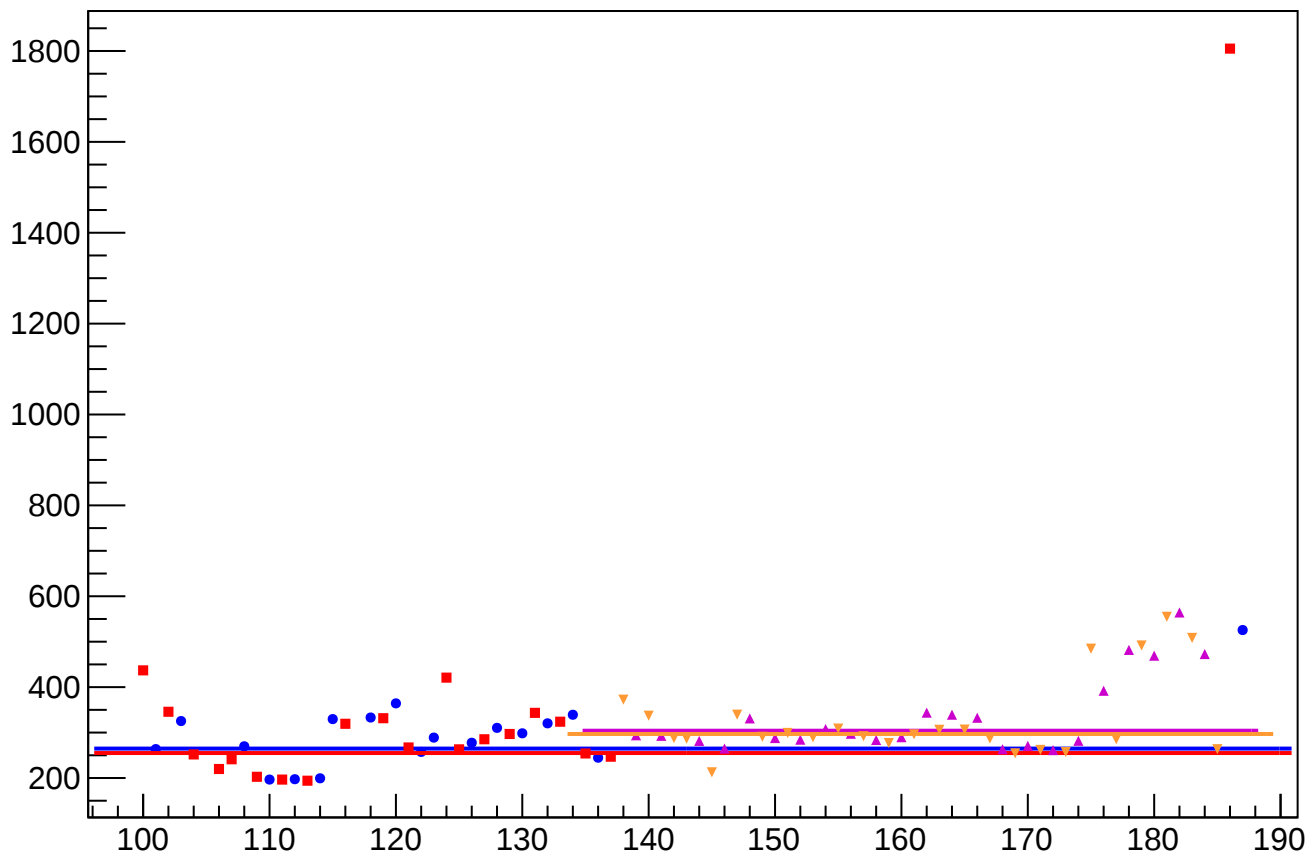
Left In: -339.260 $\pm$ 74.418 χ^2 /NDF:26.3/22

+ sign 245.207 $\pm$ 58.763 χ^2 /NDF: 43.6/42

All: -33.152 $\pm$ 41.709 χ^2 /NDF: 128.1/85

- sign -315.767 $\pm$ 59.211 χ^2 /NDF: 39.2/42

dit_asym_sam4_rms vs Slug



Right In: 264.751 $\pm$ 0.073 χ^2 /NDF: 525504.8/17

Left Out: 296.913 $\pm$ 0.051 χ^2 /NDF: 1506502.0/24

Right Out: 254.959 $\pm$ 0.069 χ^2 /NDF: 1128882.2/19

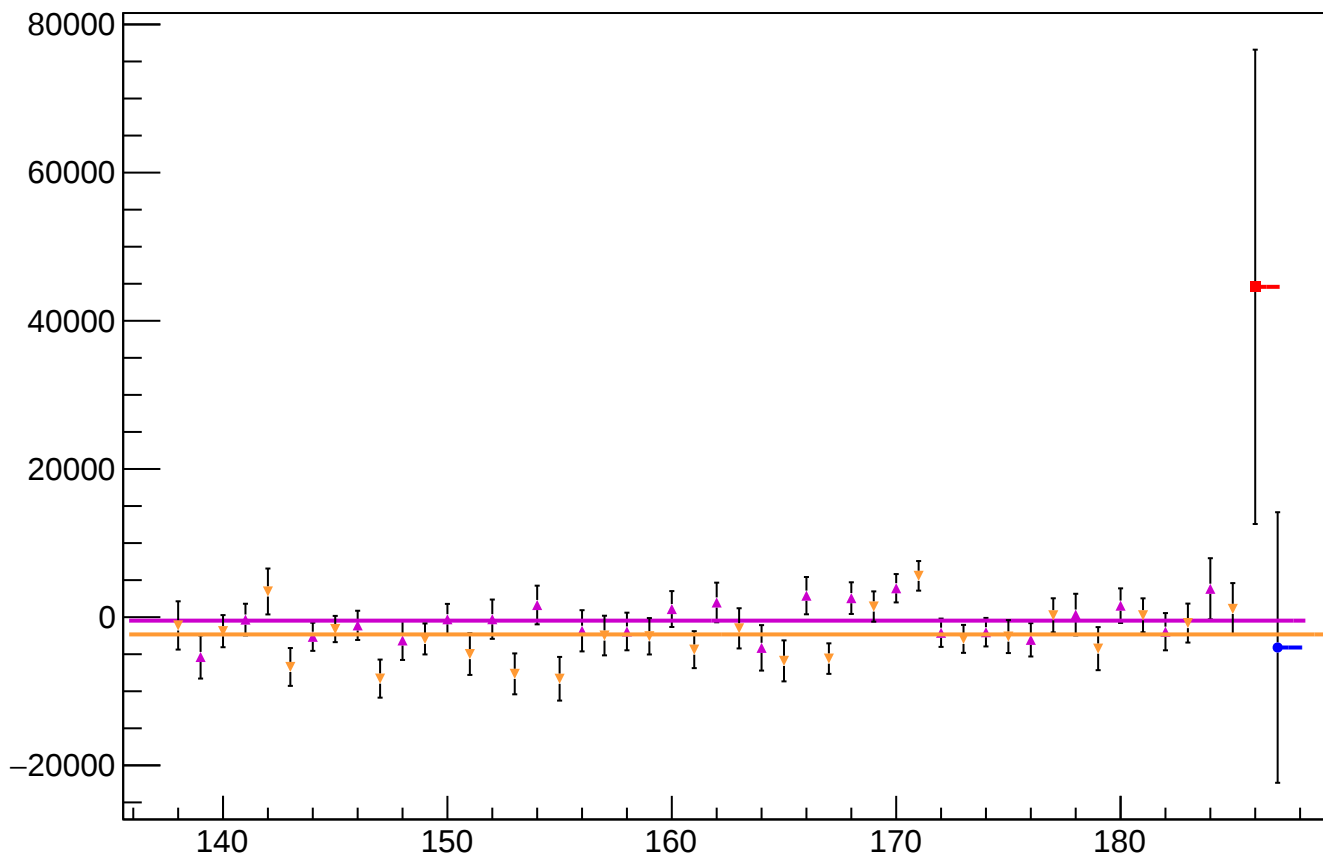
Left In: 304.067 $\pm$ 0.053 χ^2 /NDF: 1106083.1/22

+ sign 286.510 $\pm$ 0.042 χ^2 /NDF: 2163110.8/42

All: 286.280 $\pm$ 0.029 χ^2 /NDF: 4717729.1/85

- sign 286.047 $\pm$ 0.042 χ^2 /NDF: 2554556.6/42

asym_sam4_correction_mean vs Slug



Right In: -4094.945+/-18259.349 χ^2/NDF : 0.0/0

Left Out: -2328.254+/-482.072 χ^2/NDF : 49.4/24

Right Out: 44582.946+/-32009.906 χ^2/NDF : 0.0/0

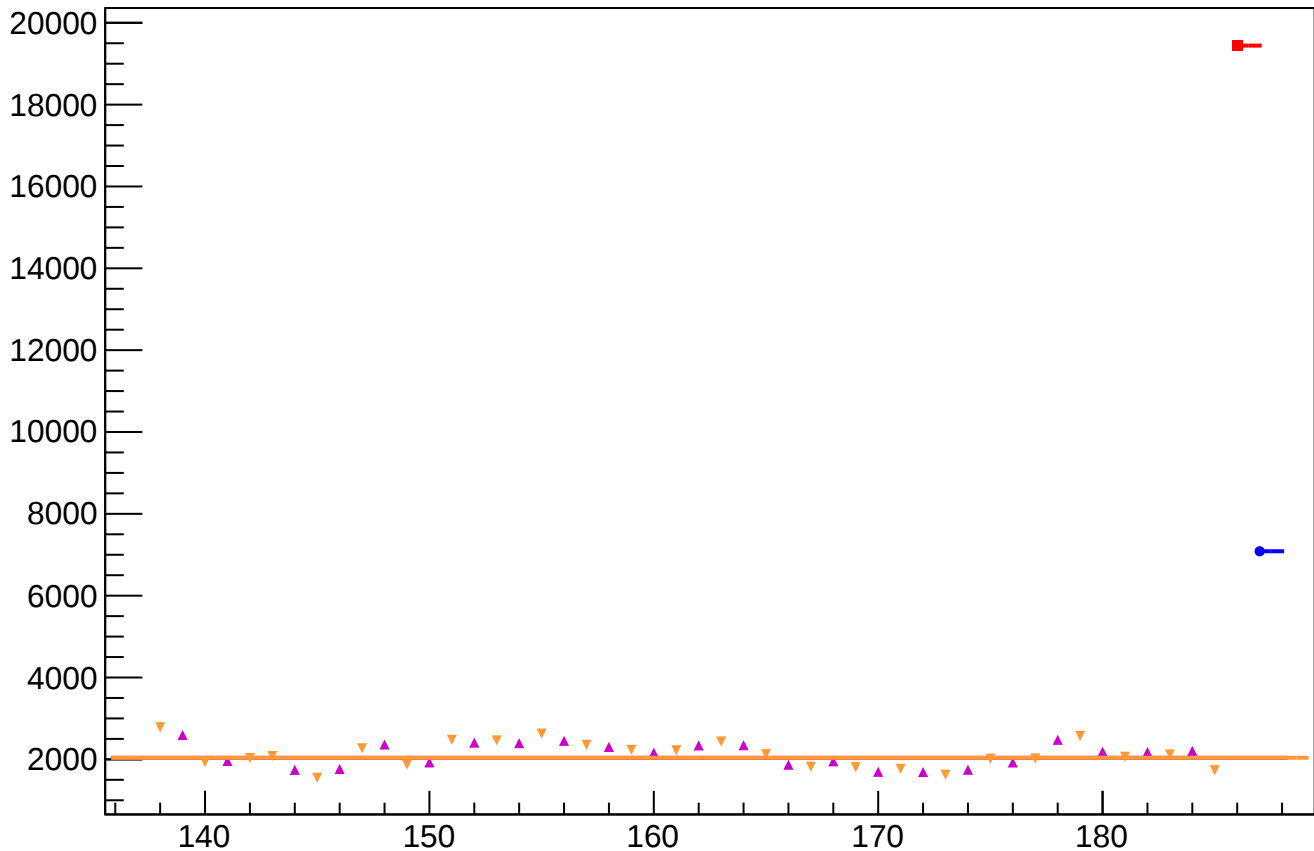
Left In: -468.113+/-490.449 χ^2/NDF : 23.2/22

+ sign -2329.485+/-481.904 χ^2/NDF : 49.4/25

All: -1409.851+/-343.719 χ^2/NDF : 82.1/49

- sign -457.540+/-490.392 χ^2/NDF : 25.2/23

asym_sam4_correction_rms vs Slug



Right In: 7085.171+/-12.911 χ^2/NDF : 0.0/0

Left Out: 2038.969+/-0.341 χ^2/NDF : 829479.9/24

Right Out: 19442.545+/-22.634 χ^2/NDF : 0.0/0

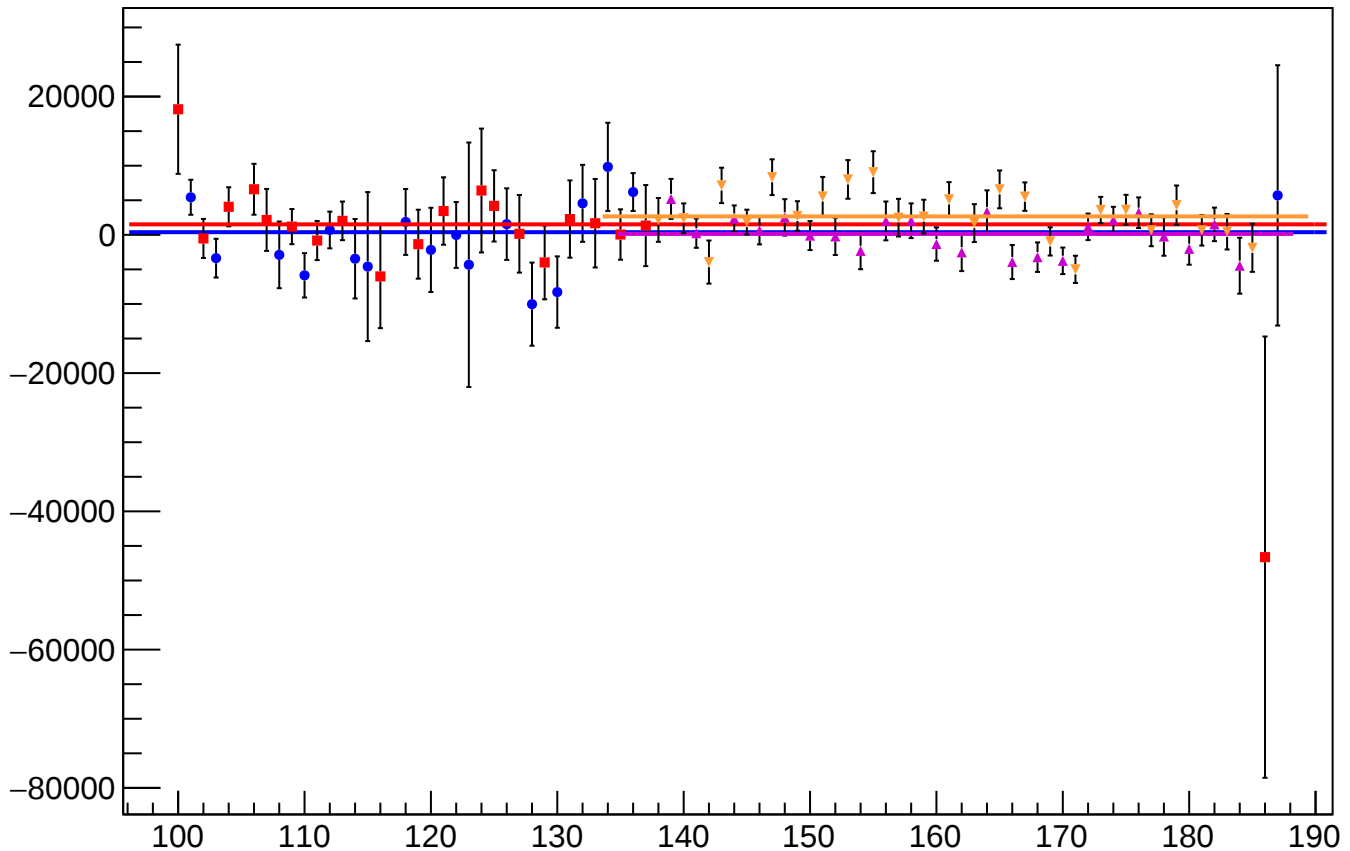
Left In: 2036.656+/-0.347 χ^2/NDF : 652291.9/22

+ sign 2042.484+/-0.341 χ^2/NDF : 982126.0/25

All: 2041.628+/-0.243 χ^2/NDF : 2225654.3/49

- sign 2040.741+/-0.347 χ^2/NDF : 1243515.4/23

asym_sam4_mean vs Slug



Right In: 381.247 ± 991.104 χ^2/NDF : 24.3/17

Left Out: 2667.050 ± 480.963 χ^2/NDF : 50.0/24

Right Out: 1517.038 ± 923.616 χ^2/NDF : 12.8/19

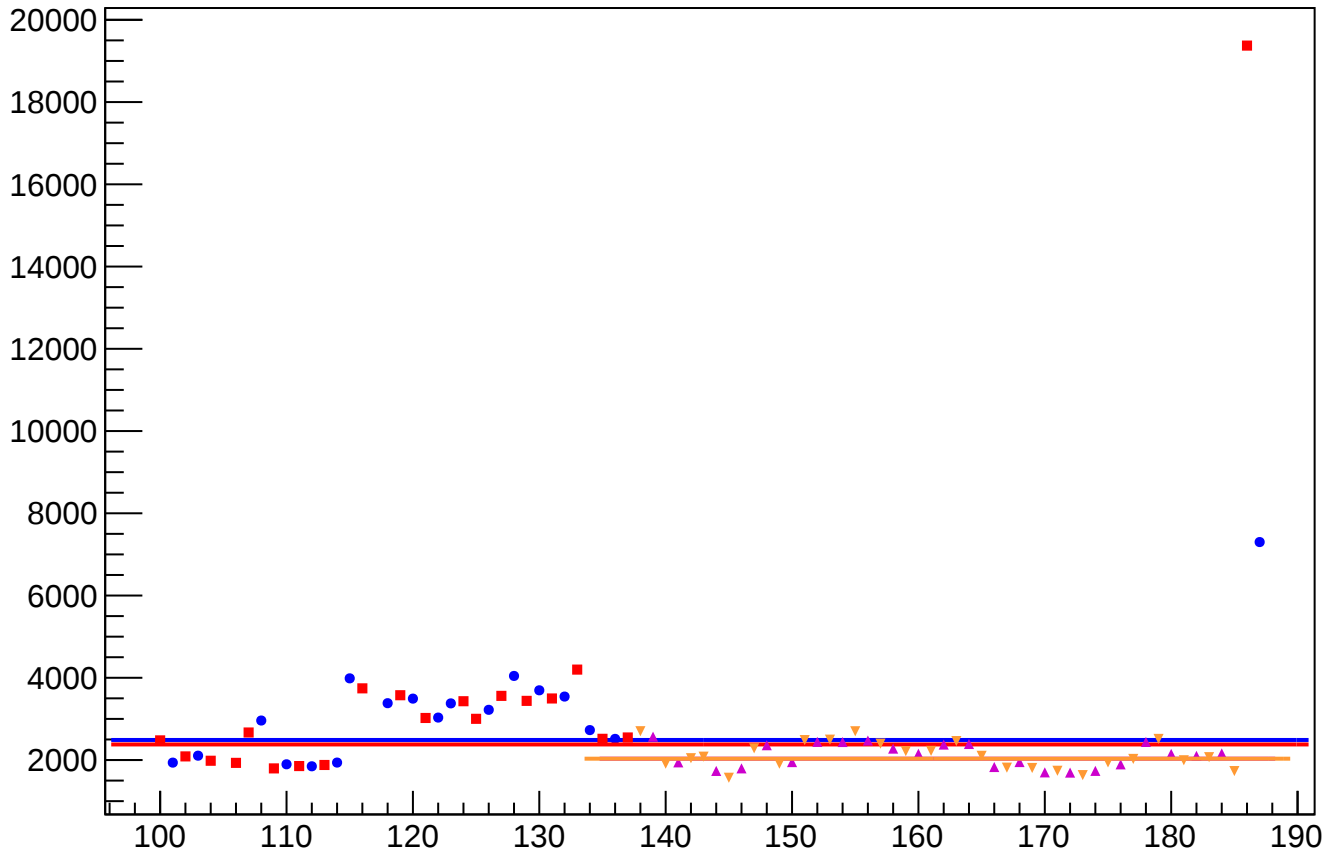
Left In: 132.307 ± 489.752 χ^2/NDF : 24.7/22

+ sign 2231.356 ± 432.704 χ^2/NDF : 78.5/42

All: 1333.743 ± 305.961 χ^2/NDF : 126.4/85

- sign 436.205 ± 432.686 χ^2/NDF : 39.3/42

asym_sam4_rms vs Slug



Right In: 2487.762+/-0.701 χ^2 /NDF: 1037305.0/17

Left Out: 2032.502+/-0.340 χ^2 /NDF:824418.6/24

Right Out: 2378.751+/-0.653 χ^2 /NDF: 1590933.9/19

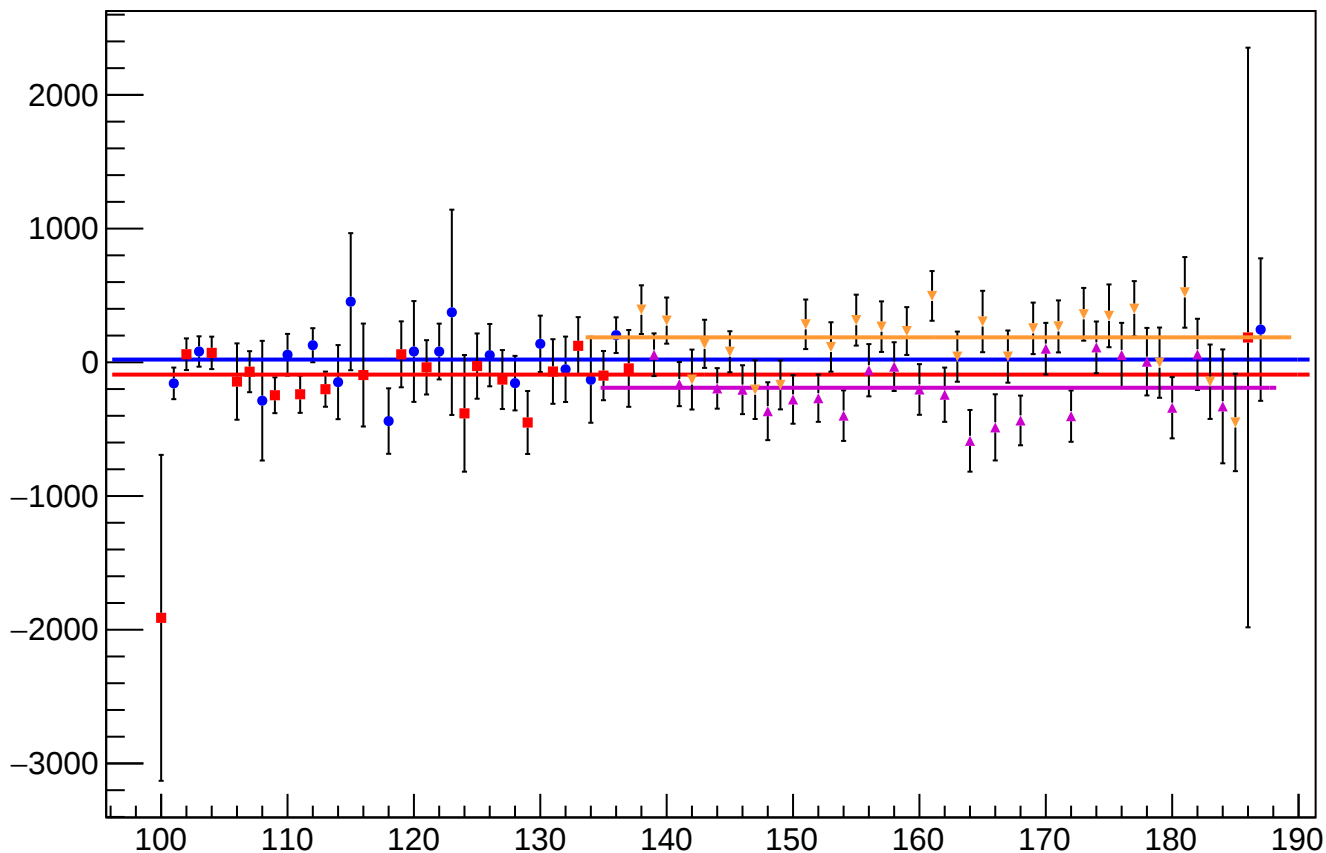
Left In: 2031.692+/-0.346 χ^2 /NDF:653382.0/22

+ sign 2119.279+/-0.306 χ^2 /NDF: 2203284.5/42

All: 2113.569+/-0.216 χ^2 /NDF: 4668715.2/85

- sign 2107.859+/-0.306 χ^2 /NDF: 2464734.2/42

dit_asym_sam5_mean vs Slug



Right In: 20.611 ± 45.975 $\chi^2/\text{NDF}: 12.2/17$

Left Out: 186.705 ± 39.986 $\chi^2/\text{NDF}: 25.9/24$

Right Out: -91.885 ± 42.685 $\chi^2/\text{NDF}: 13.2/19$

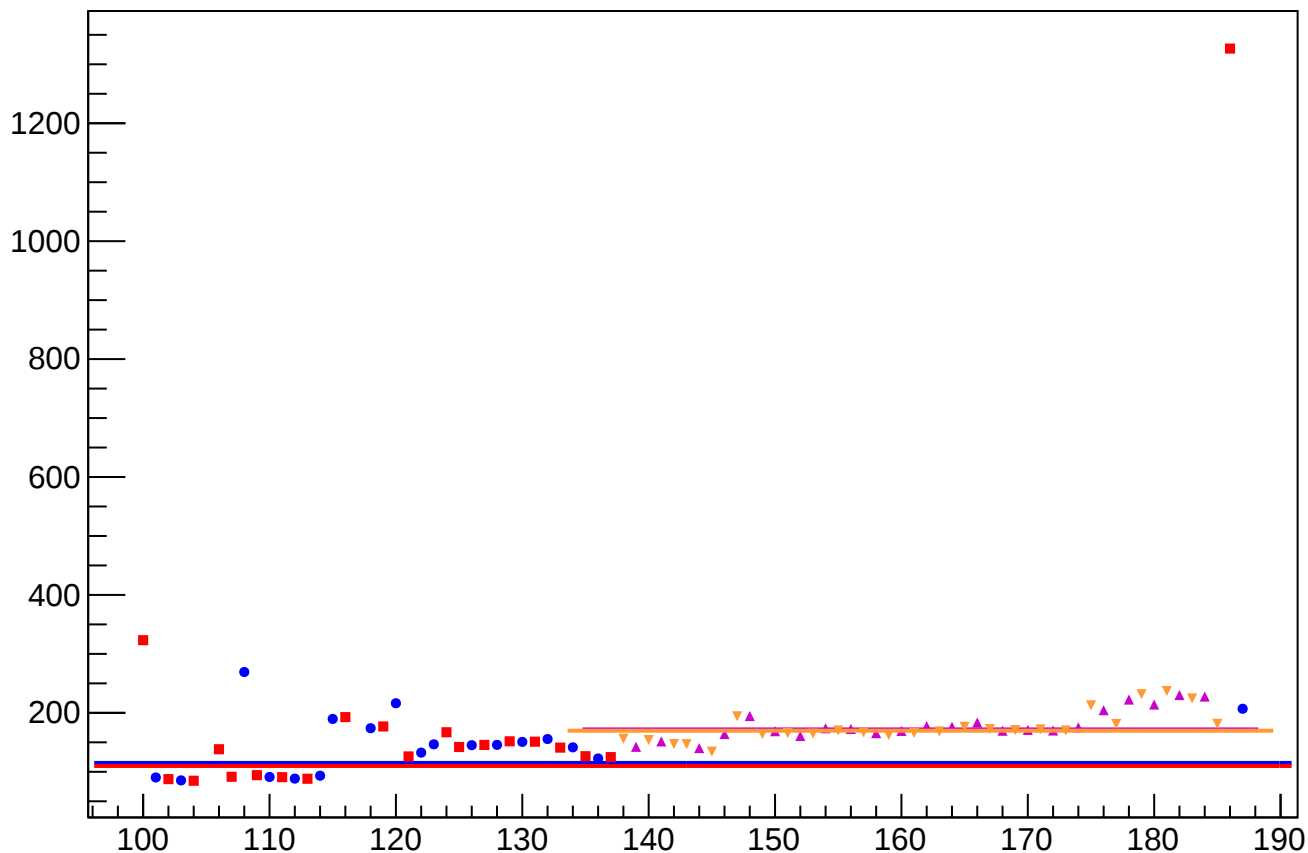
Left In: -190.416 ± 41.307 $\chi^2/\text{NDF}: 21.1/22$

+ sign 115.175 ± 30.171 $\chi^2/\text{NDF}: 45.5/42$

All: -15.897 ± 21.160 $\chi^2/\text{NDF}: 119.7/85$

- sign -142.767 ± 29.684 $\chi^2/\text{NDF}: 37.1/42$

dit_asym_sam5_rms vs Slug



Right In: 115.080 $\pm$ 0.033 χ^2 /NDF: 1196535.2/17

Left Out: 169.736 $\pm$ 0.028 χ^2 /NDF: 617269.8/24

Right Out: 109.900 $\pm$ 0.030 χ^2 /NDF: 1574882.8/19

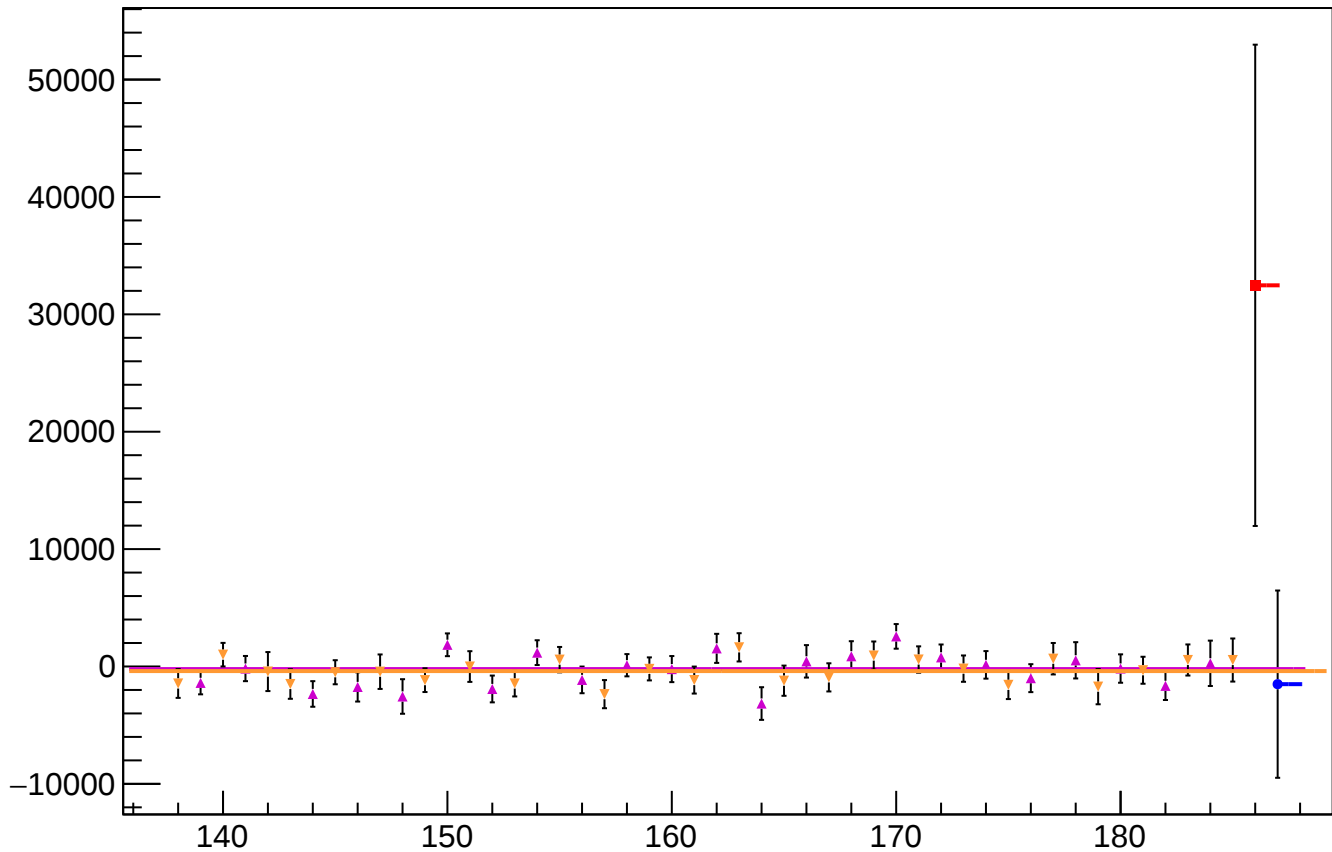
Left In: 171.896 $\pm$ 0.029 χ^2 /NDF: 546889.0/22

+ sign 146.198 $\pm$ 0.021 χ^2 /NDF: 3423112.9/42

All: 144.022 $\pm$ 0.015 χ^2 /NDF: 7744050.7/85

- sign 141.915 $\pm$ 0.021 χ^2 /NDF: 4300457.9/42

asym_sam5_correction_mean vs Slug



Right In: -1506.174+/-7977.306 χ^2 /NDF: 0.0/0

Left Out: -391.572+/-239.900 χ^2 /NDF:17.6/24

Right Out: 32471.907+/-20501.889 χ^2 /NDF: 0.0/0

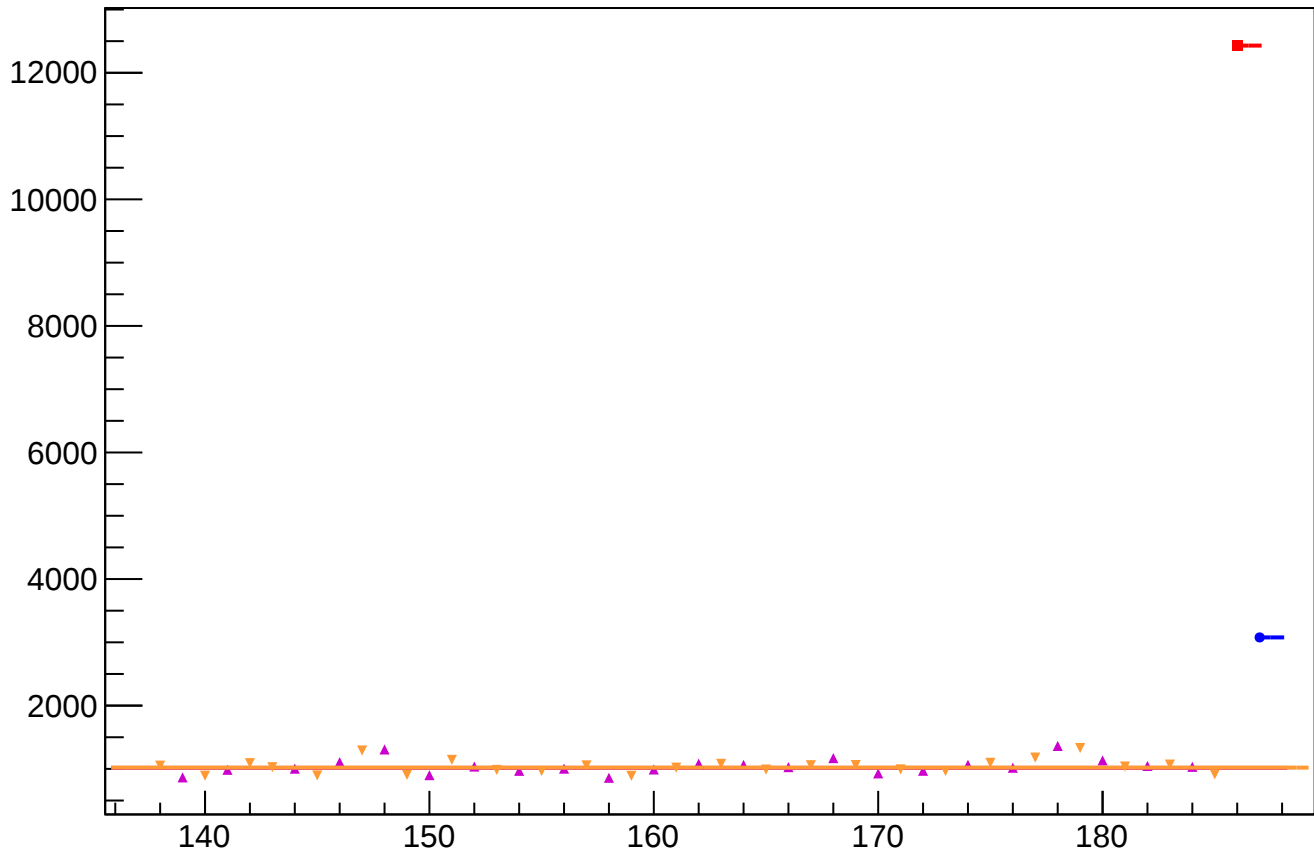
Left In: -222.086+/-243.855 χ^2 /NDF:36.1/22

+ sign -392.579+/-239.792 χ^2 /NDF: 17.6/25

All: -306.485+/-170.971 χ^2 /NDF: 56.5/49

- sign -217.462+/-243.838 χ^2 /NDF: 38.6/23

asym_sam5_correction_rms vs Slug



Right In: 3077.544 $\pm$ 5.641 χ^2 /NDF: 0.0/0

Left Out: 1020.064 $\pm$ 0.170 χ^2 /NDF: 367819.6/24

Right Out: 12429.899 $\pm$ 14.497 χ^2 /NDF: 0.0/0

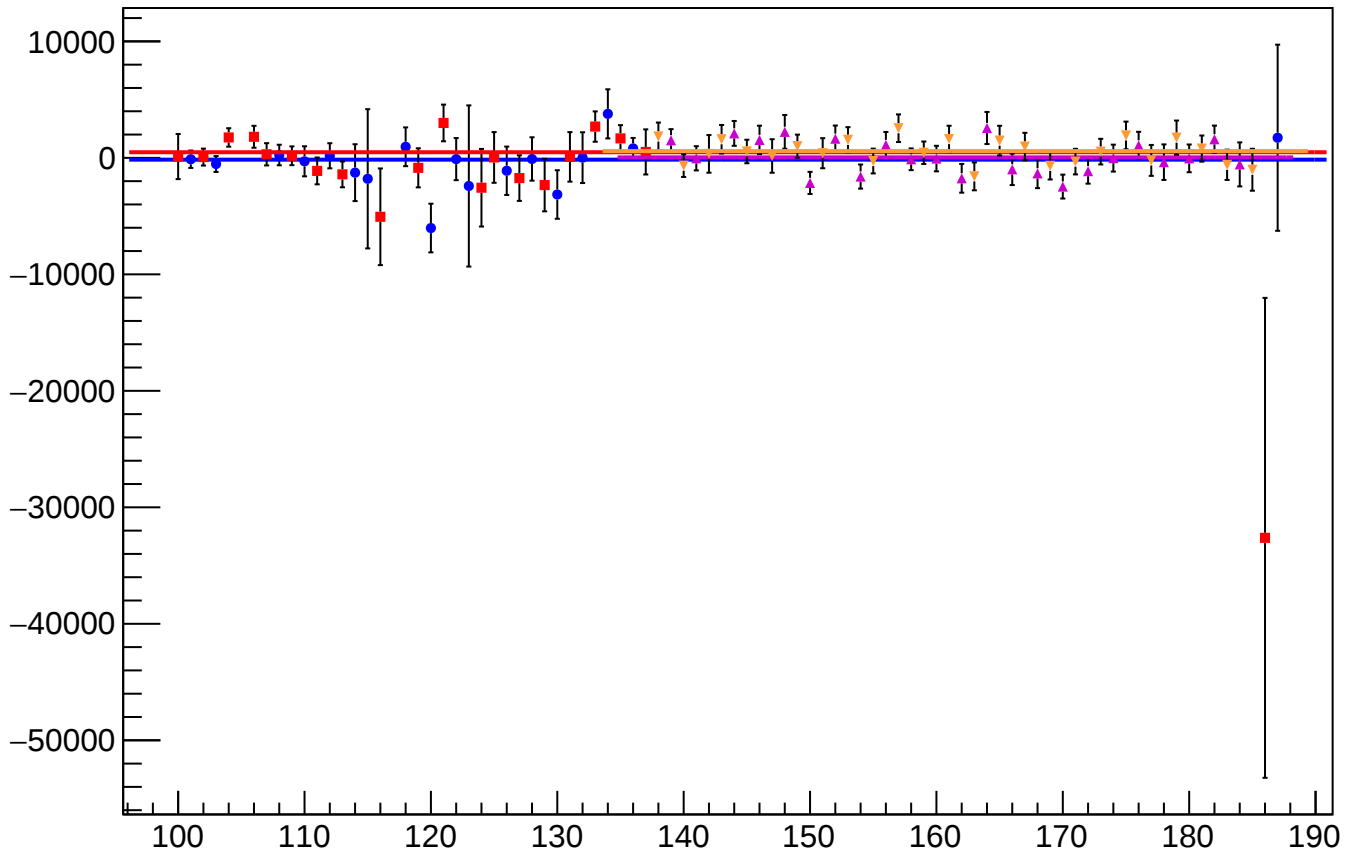
Left In: 1015.345 $\pm$ 0.172 χ^2 /NDF: 405161.9/22

+ sign 1021.923 $\pm$ 0.170 χ^2 /NDF: 500741.4/25

All: 1019.483 $\pm$ 0.121 χ^2 /NDF: 1526191.9/49

- sign 1016.959 $\pm$ 0.172 χ^2 /NDF: 1025029.2/23

asym_sam5_mean vs Slug



Right In: -154.301 ± 312.261 χ^2/NDF : 16.3/17

Left Out: 580.226 ± 235.583 χ^2/NDF : 18.4/24

Right Out: 482.346 ± 282.732 χ^2/NDF : 25.2/19

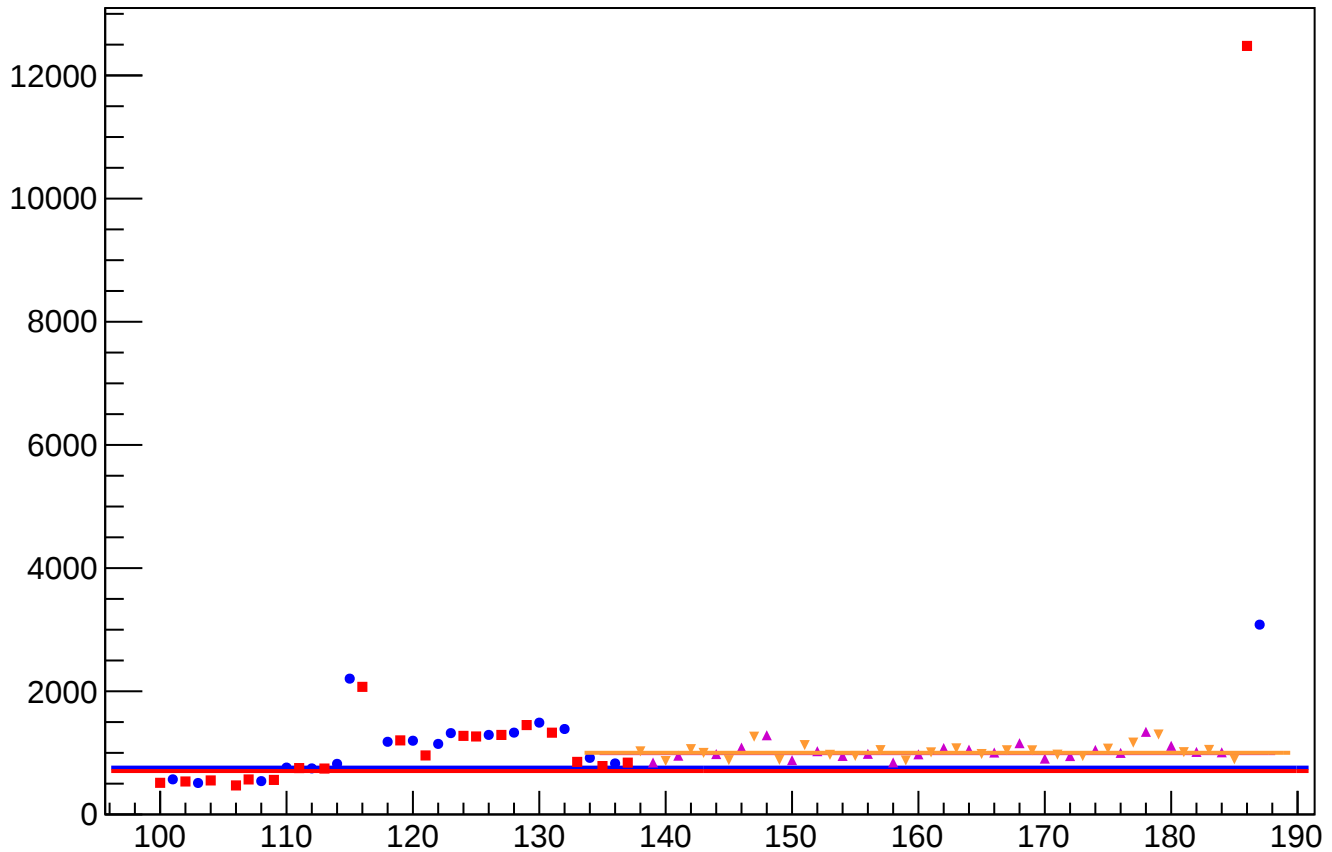
Left In: 42.397 ± 239.278 χ^2/NDF : 37.9/22

+ sign 313.794 ± 188.065 χ^2/NDF : 38.2/42

All: 268.615 ± 131.025 χ^2/NDF : 102.8/85

- sign 226.001 ± 182.648 χ^2/NDF : 64.5/42

asym_sam5_rms vs Slug



Right In: 760.536 $\pm$ 0.221 χ^2 /NDF: 1880392.8/17

Left Out: 1001.233 $\pm$ 0.167 χ^2 /NDF: 370278.3/24

Right Out: 704.875 $\pm$ 0.200 χ^2 /NDF: 2343115.9/19

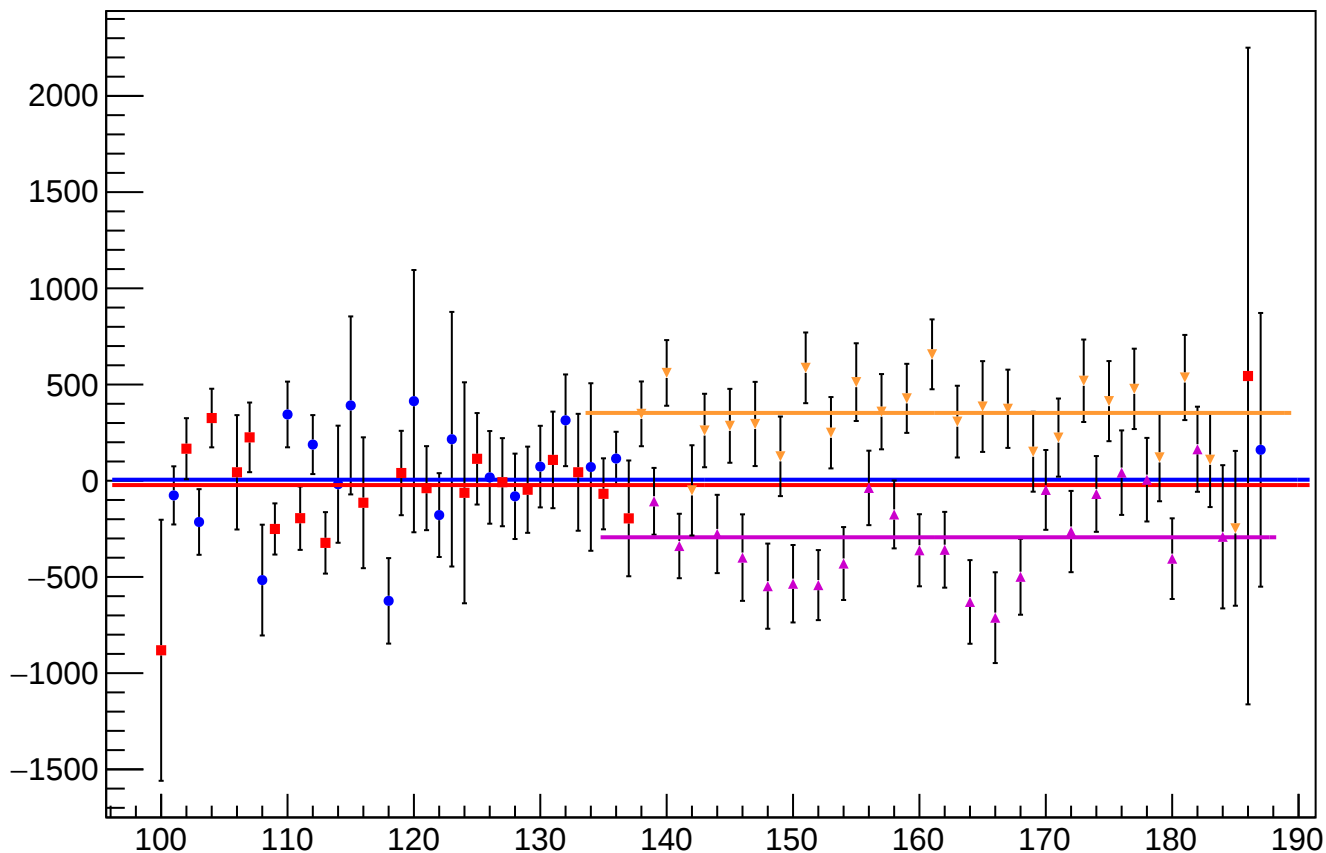
Left In: 995.590 $\pm$ 0.169 χ^2 /NDF: 424434.6/22

+ sign 913.926 $\pm$ 0.133 χ^2 /NDF: 3007958.6/42

All: 893.516 $\pm$ 0.093 χ^2 /NDF: 7053363.0/85

- sign 874.266 $\pm$ 0.129 χ^2 /NDF: 3999632.3/42

dit_asym_sam6_mean vs Slug



Right In: 5.380 ± 52.367 χ^2/NDF : 23.1/17

Left Out: 352.474 ± 40.625 χ^2/NDF : 19.0/24

Right Out: -22.539 ± 47.835 χ^2/NDF : 19.1/19

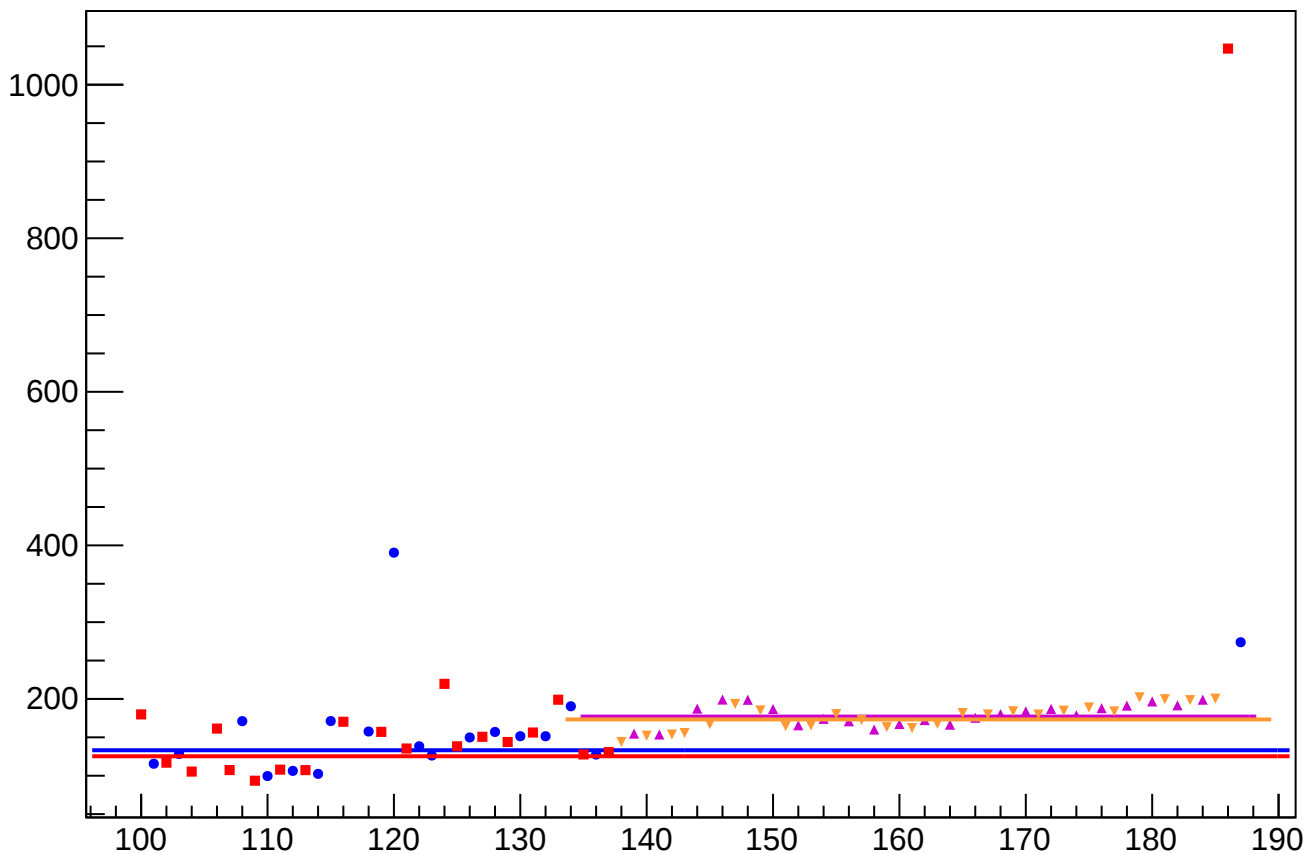
Left In: -293.836 ± 42.346 χ^2/NDF : 27.2/22

+ sign 222.064 ± 32.099 χ^2/NDF : 69.6/42

All: 21.276 ± 22.557 χ^2/NDF : 211.2/85

- sign -174.641 ± 31.707 χ^2/NDF : 64.3/42

dit_asym_sam6_rms vs Slug



Right In: 133.171 ± 0.037 $\chi^2/\text{NDF}: 722539.1/17$

Left Out: 173.289 ± 0.029 $\chi^2/\text{NDF}: 298673.2/24$

Right Out: 125.345 ± 0.034 $\chi^2/\text{NDF}: 1176191.1/19$

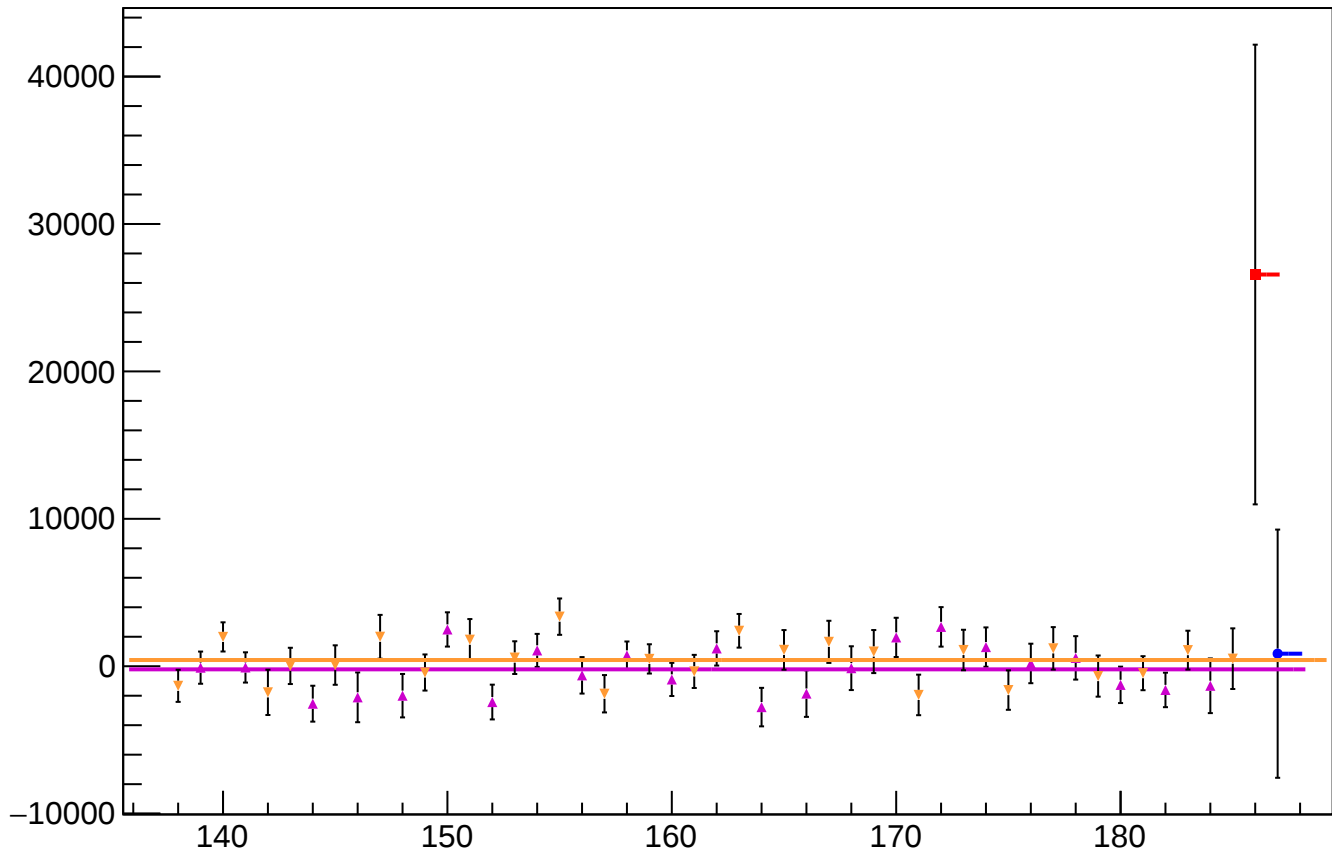
Left In: 177.014 ± 0.030 $\chi^2/\text{NDF}: 214761.6/22$

+ sign 158.216 ± 0.023 $\chi^2/\text{NDF}: 1753985.0/42$

All: 156.240 ± 0.016 $\chi^2/\text{NDF}: 4468134.3/85$

- sign 154.313 ± 0.022 $\chi^2/\text{NDF}: 2699182.8/42$

asym_sam6_correction_mean vs Slug



Right In: 850.471+/-8418.809 χ^2/NDF : 0.0/0

Left Out: 421.336+/-254.085 χ^2/NDF : 30.8/24

Right Out: 26571.930+/-15592.060 χ^2/NDF : 0.0/0

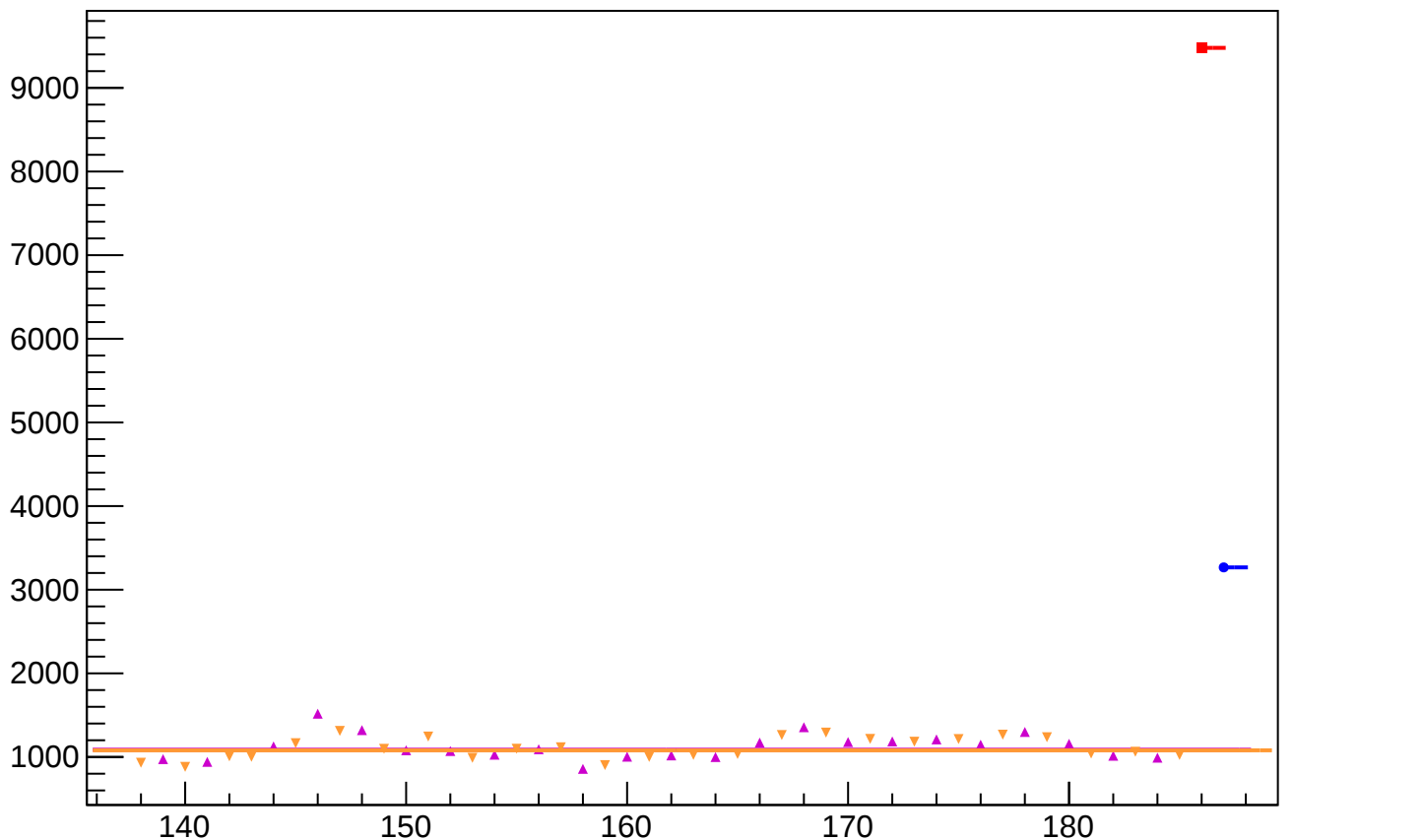
Left In: -211.788+/-261.282 χ^2/NDF : 36.0/22

+ sign 421.727+/-253.969 χ^2/NDF : 30.8/25

All: 117.568+/-182.101 χ^2/NDF : 72.7/49

- sign -204.269+/-261.245 χ^2/NDF : 39.0/23

asym_sam6_correction_rms vs Slug



Right In: 3266.808+/-5.953 χ^2/NDF : 0.0/0

Left Out: 1079.699+/-0.180 χ^2/NDF : 498852.6/24

Right Out: 9478.520+/-11.025 χ^2/NDF : 0.0/0

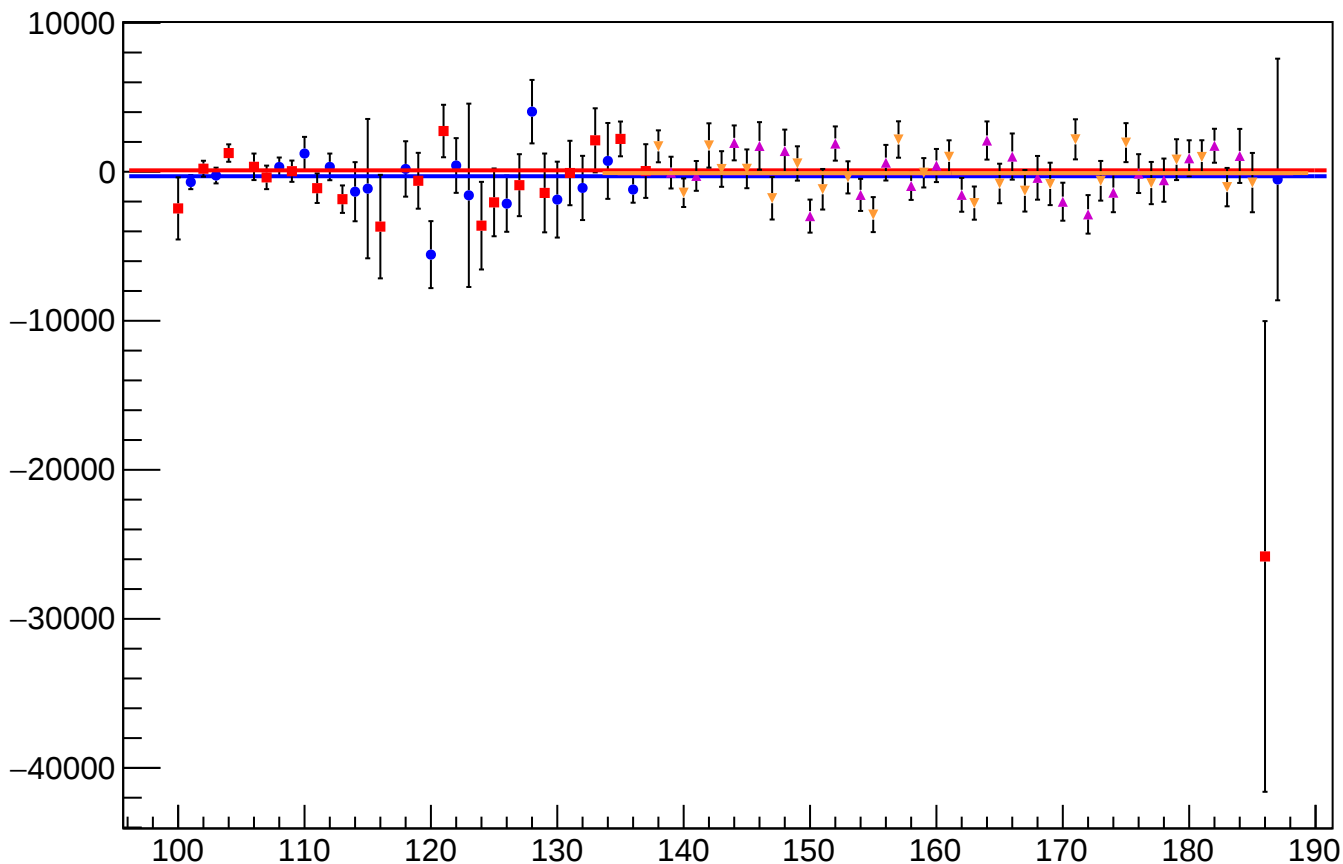
Left In: 1086.990+/-0.185 χ^2/NDF : 567926.2/22

+ sign 1081.690+/-0.180 χ^2/NDF : 633709.8/25

All: 1085.409+/-0.129 χ^2/NDF : 1781658.8/49

- sign 1089.345+/-0.185 χ^2/NDF : 1147066.0/23

asym_sam6_mean vs Slug



Right In: -301.207 ± 249.924 χ^2/NDF : 16.8/17

Left Out: -89.632 ± 247.271 χ^2/NDF : 31.0/24

Right Out: 94.571 ± 245.951 χ^2/NDF : 25.2/19

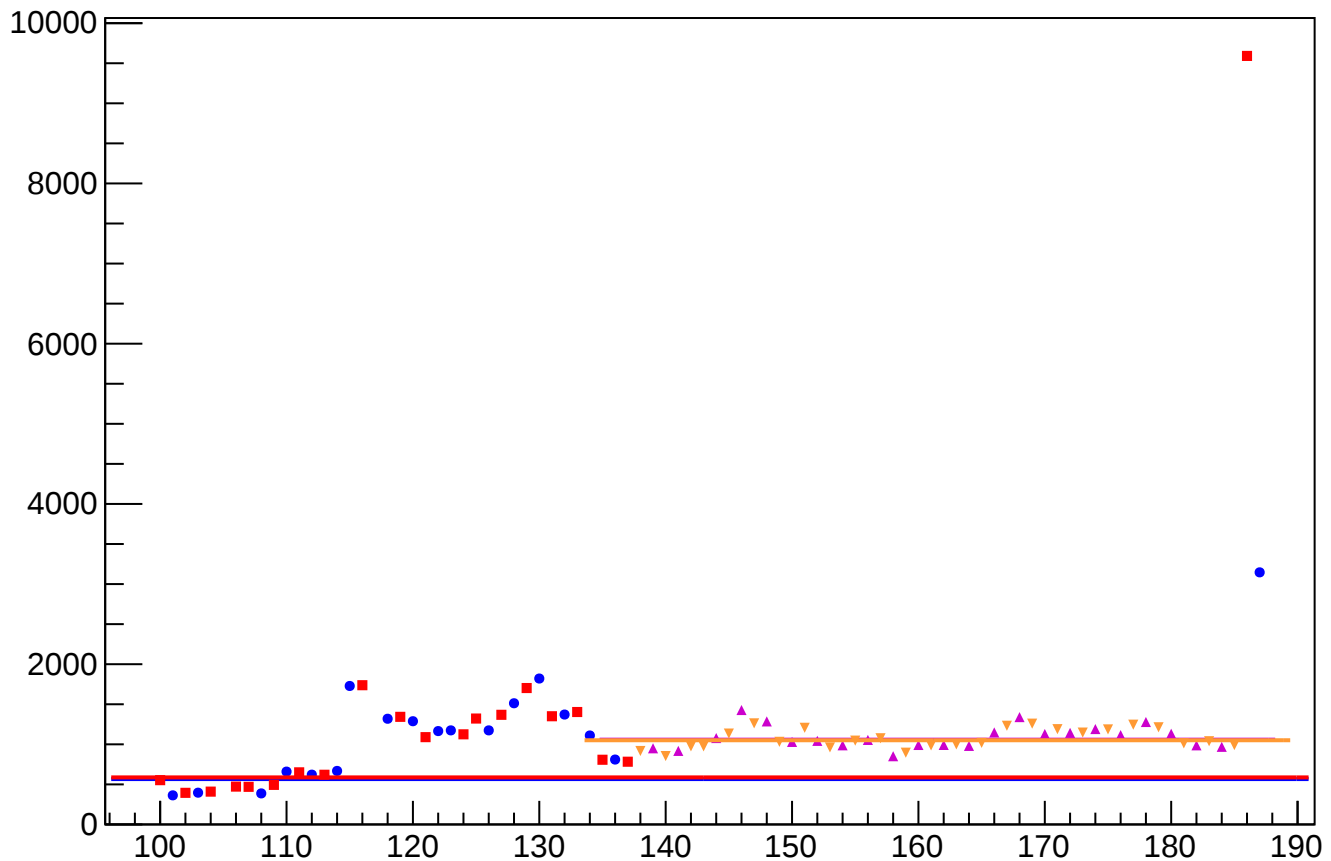
Left In: -110.879 ± 254.337 χ^2/NDF : 35.2/22

+ sign -194.291 ± 175.777 χ^2/NDF : 48.2/42

All: -100.053 ± 124.655 χ^2/NDF : 109.5/85

- sign -4.711 ± 176.804 χ^2/NDF : 60.7/42

asym_sam6_rms vs Slug



Right In: 566.458 $\pm$ 0.177 χ^2 /NDF: 3464253.3/17

Left Out: 1050.918 $\pm$ 0.175 χ^2 /NDF:483477.5/24

Right Out: 587.254 $\pm$ 0.174 χ^2 /NDF: 3471254.0/19

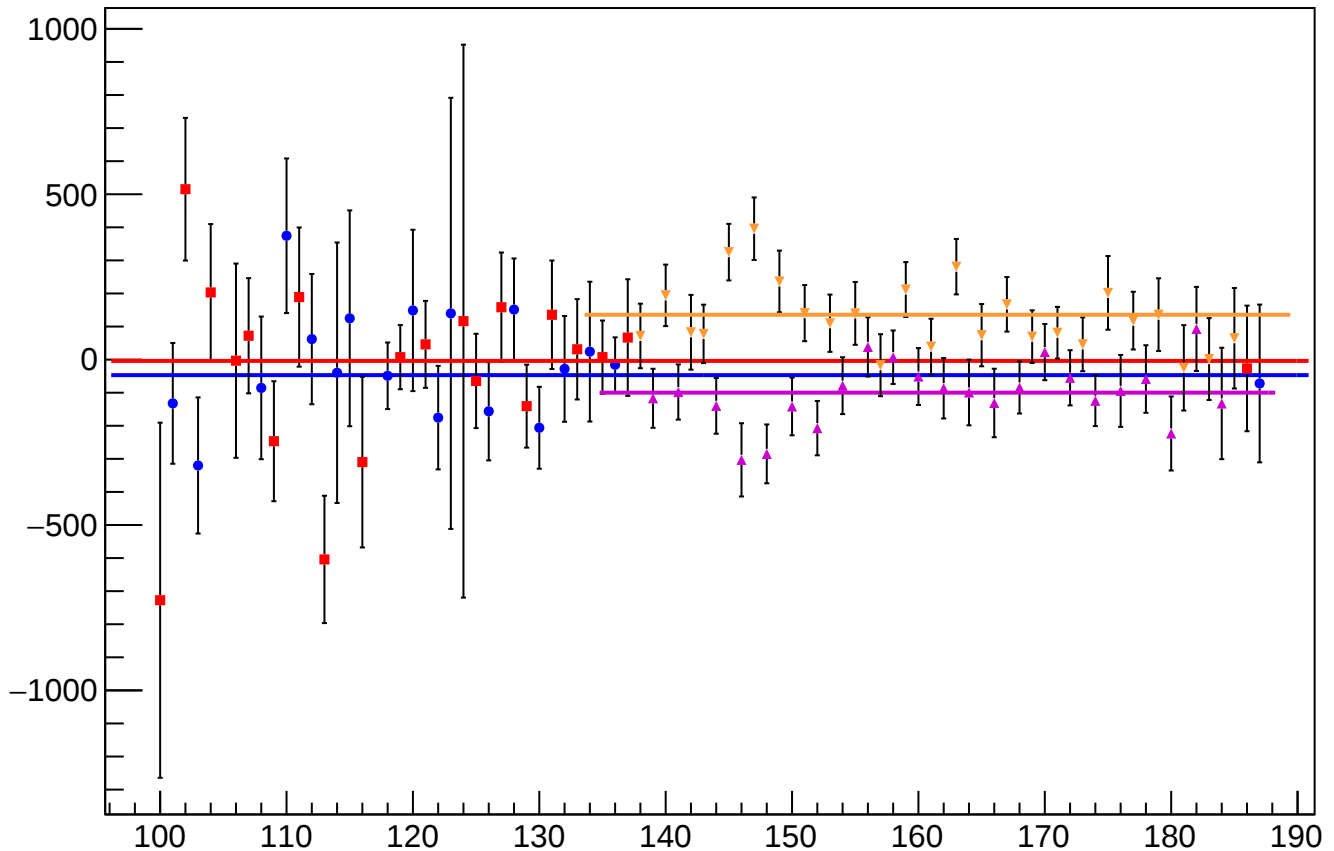
Left In: 1058.154 $\pm$ 0.180 χ^2 /NDF:532260.0/22

+ sign 811.273 $\pm$ 0.124 χ^2 /NDF: 7745350.8/42

All: 813.032 $\pm$ 0.088 χ^2 /NDF: 15292121.9/85

- sign 814.813 $\pm$ 0.125 χ^2 /NDF: 7546368.0/42

dit_asym_sam7_mean vs Slug



Right In: -46.889 ± 38.620 $\chi^2/\text{NDF}: 11.4/17$

Left Out: 135.693 ± 18.535 $\chi^2/\text{NDF}: 29.3/24$

Right Out: -3.848 ± 37.141 $\chi^2/\text{NDF}: 26.0/19$

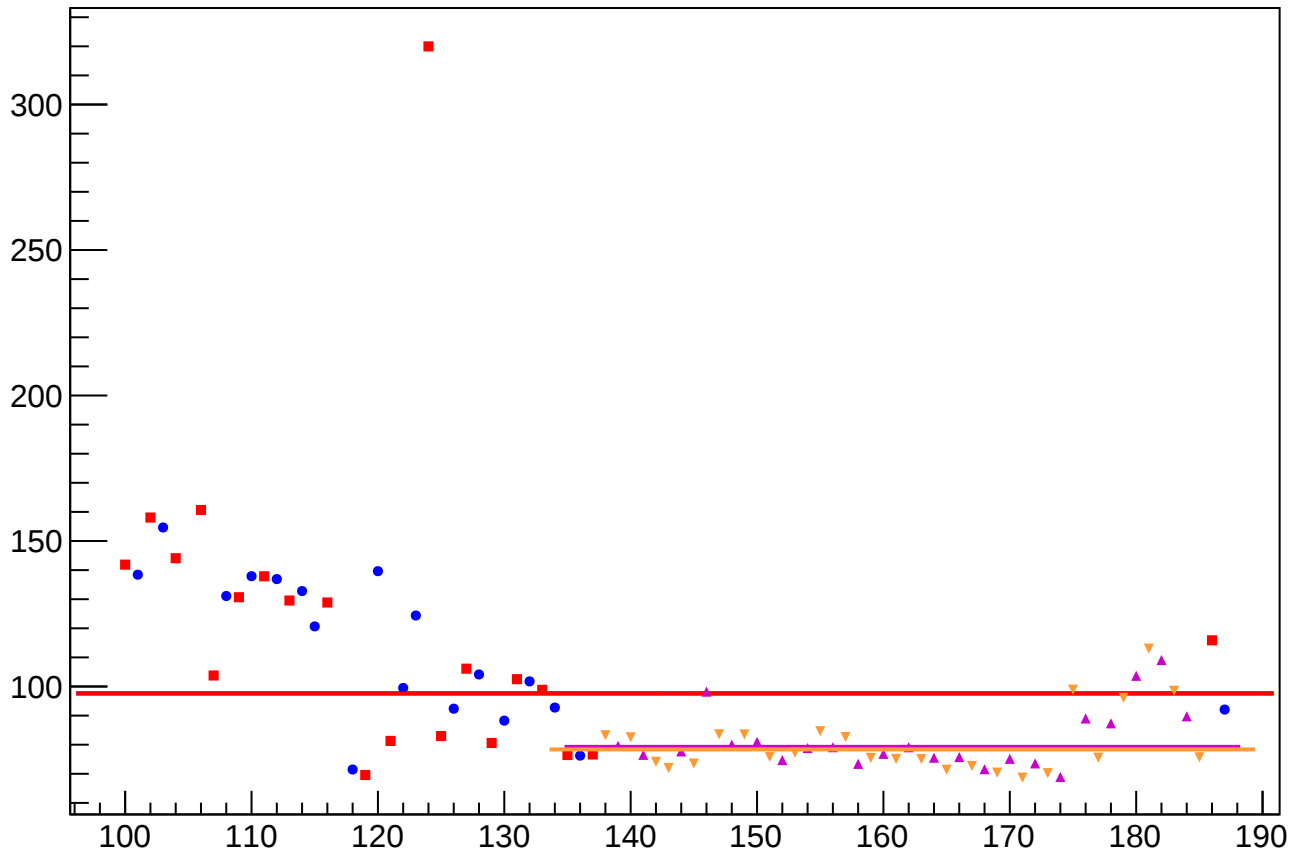
Left In: -99.843 ± 19.131 $\chi^2/\text{NDF}: 20.8/22$

+ sign 101.513 ± 16.710 $\chi^2/\text{NDF}: 58.8/42$

All: 12.499 ± 11.920 $\chi^2/\text{NDF}: 168.7/85$

- sign -79.714 ± 17.008 $\chi^2/\text{NDF}: 52.1/42$

dit_asym_sam7_rms vs Slug



Right In: 97.657 $\pm$ 0.027 χ^2 /NDF: 818087.9/17

Left Out: 78.378 $\pm$ 0.013 χ^2 /NDF: 475195.2/24

Right Out: 97.570 $\pm$ 0.026 χ^2 /NDF: 1114793.4/19

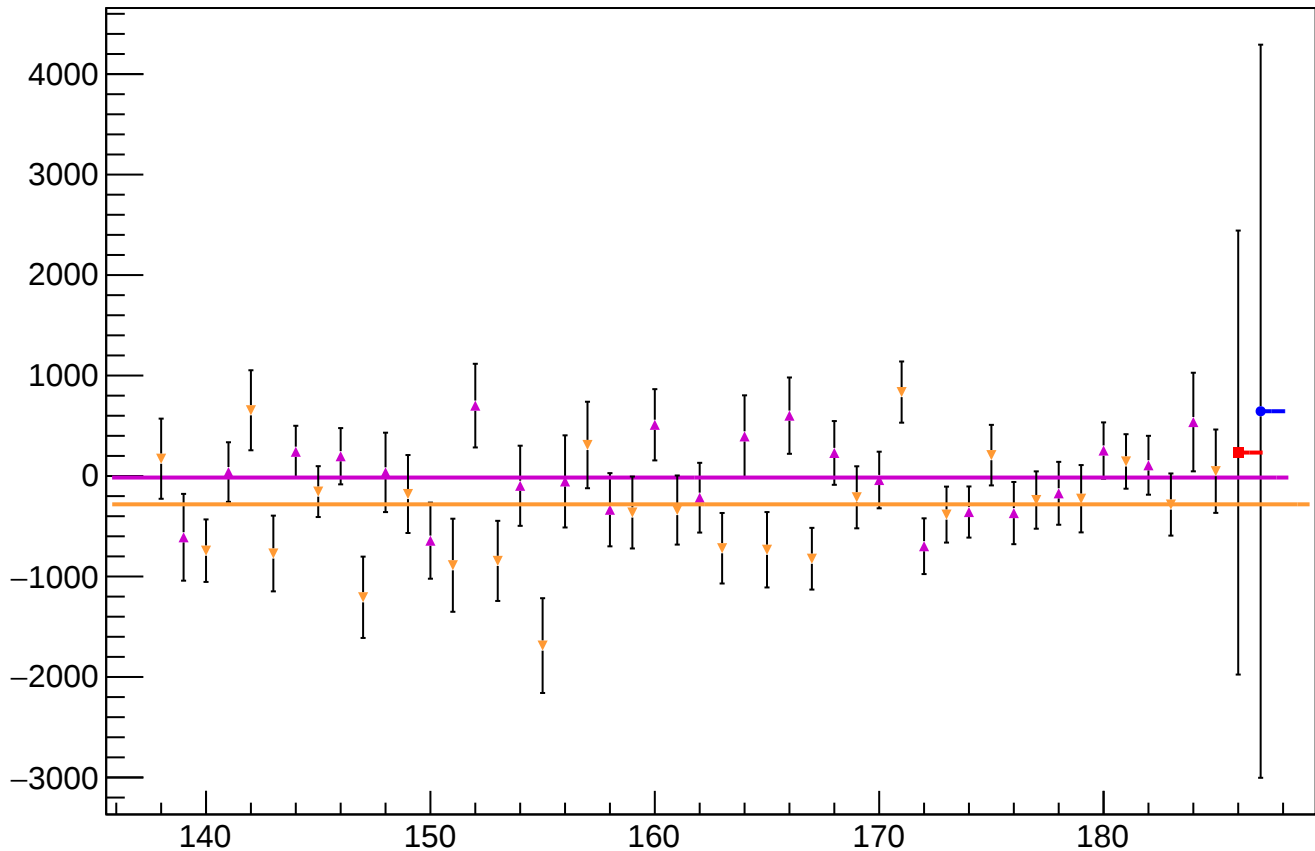
Left In: 79.257 $\pm$ 0.014 χ^2 /NDF: 396950.5/22

+ sign 81.987 $\pm$ 0.012 χ^2 /NDF: 1698360.6/42

All: 82.532 $\pm$ 0.008 χ^2 /NDF: 3598720.1/85

- sign 83.097 $\pm$ 0.012 χ^2 /NDF: 1896024.5/42

asym_sam7_correction_mean vs Slug



Right In: 644.789+/-3648.156 χ^2/NDF : 0.0/0

Left Out: -281.673+/-67.809 χ^2/NDF : 56.4/24

Right Out: 233.449+/-2209.378 χ^2/NDF : 0.0/0

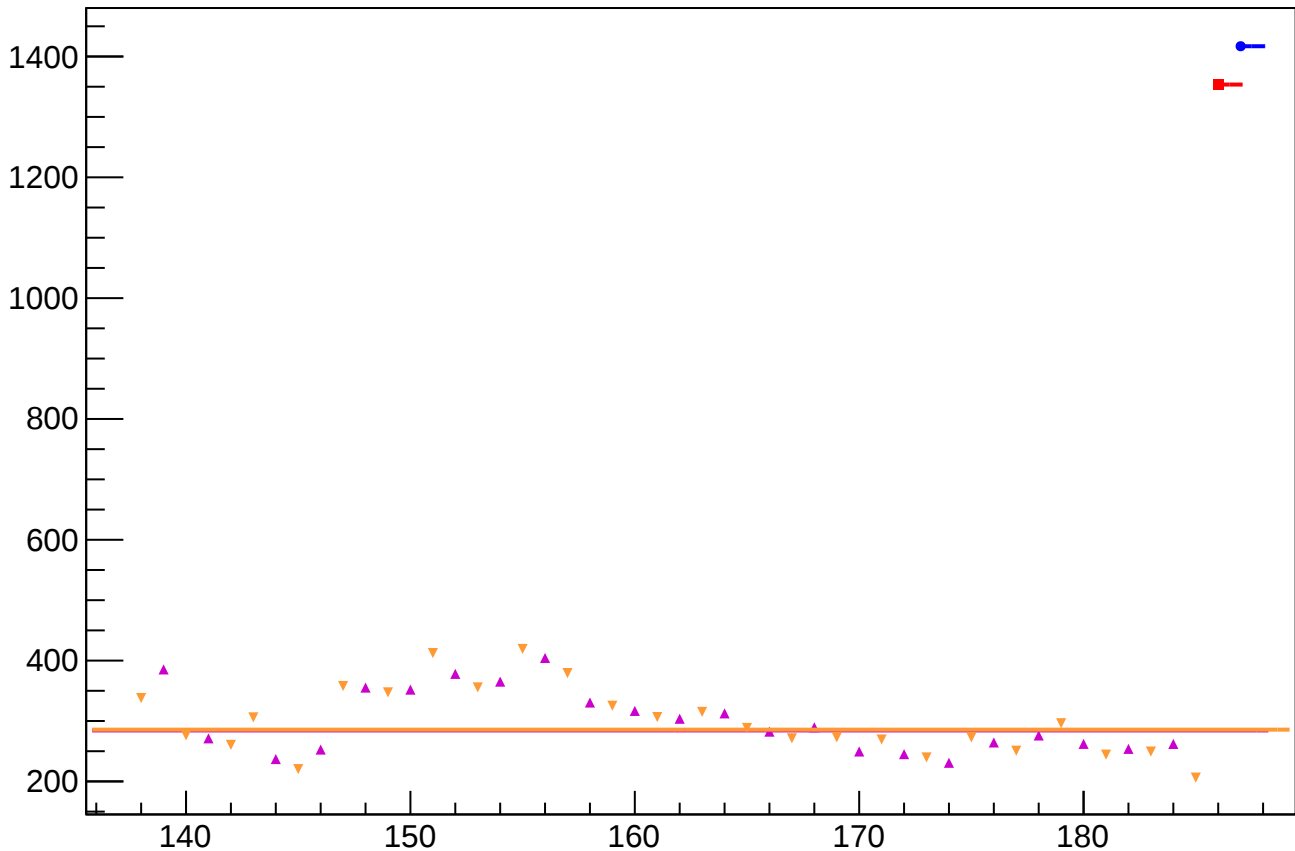
Left In: -15.153+/-68.755 χ^2/NDF : 28.6/22

+ sign -281.353+/-67.797 χ^2/NDF : 56.4/25

All: -149.937+/-48.263 χ^2/NDF : 92.7/49

- sign -14.913+/-68.722 χ^2/NDF : 28.6/23

asym_sam7_correction_rms vs Slug



Right In: 1417.012 $\pm$ 2.580 χ^2 /NDF: 0.0/0

Left Out: 285.688 $\pm$ 0.048 χ^2 /NDF:1061075.8/24

Right Out: 1353.555 $\pm$ 1.562 χ^2 /NDF: 0.0/0

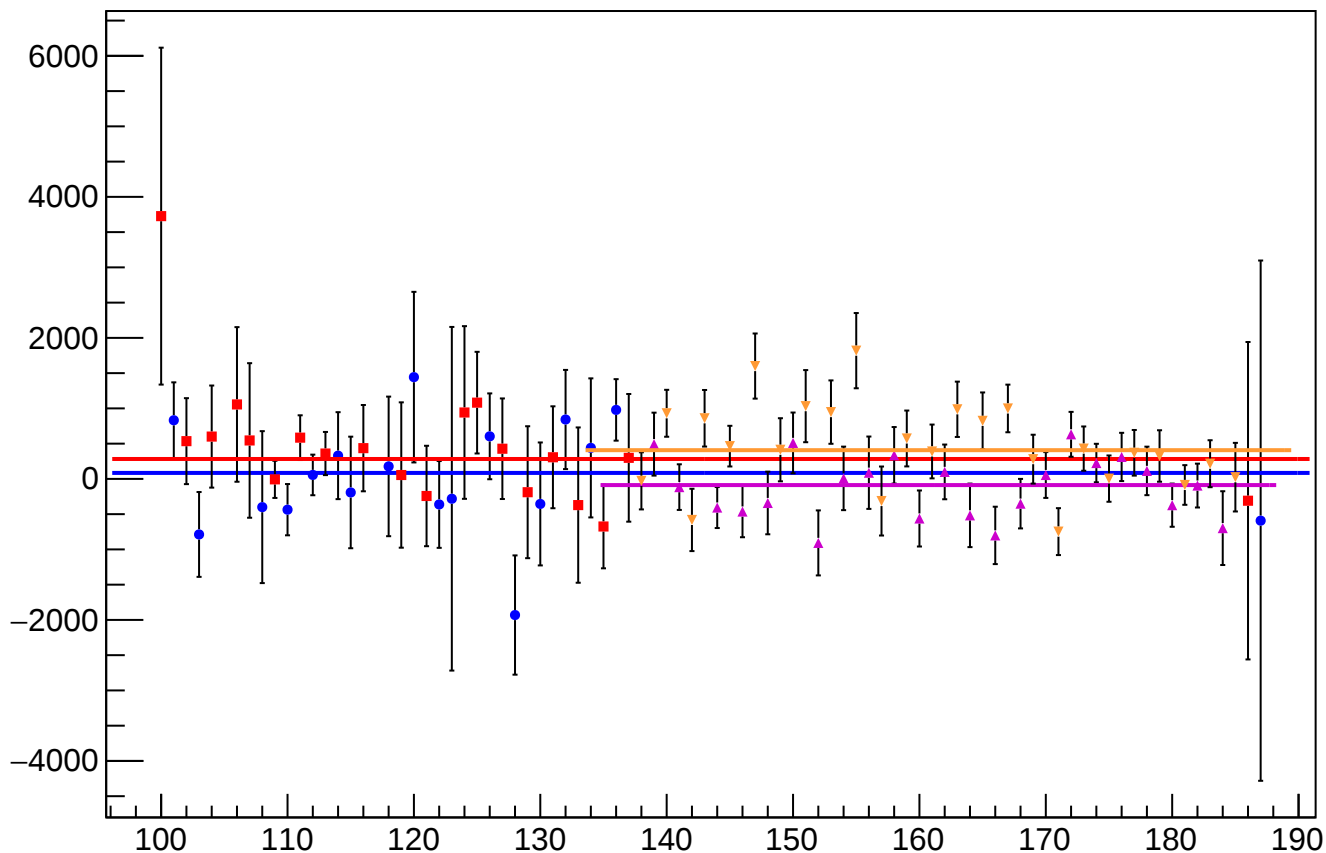
Left In: 284.386 $\pm$ 0.049 χ^2 /NDF:926965.8/22

+ sign 286.079 $\pm$ 0.048 χ^2 /NDF: 1253343.9/25

All: 285.754 $\pm$ 0.034 χ^2 /NDF: 2648313.5/49

- sign 285.420 $\pm$ 0.049 χ^2 /NDF: 1394876.3/23

asym_sam7_mean vs Slug



Right In: 84.798 $\pm$ 142.494 χ^2/NDF : 20.6/17

Left Out: 407.375 $\pm$ 74.730 χ^2/NDF : 53.0/24

Right Out: 282.494 $\pm$ 129.385 χ^2/NDF : 10.7/19

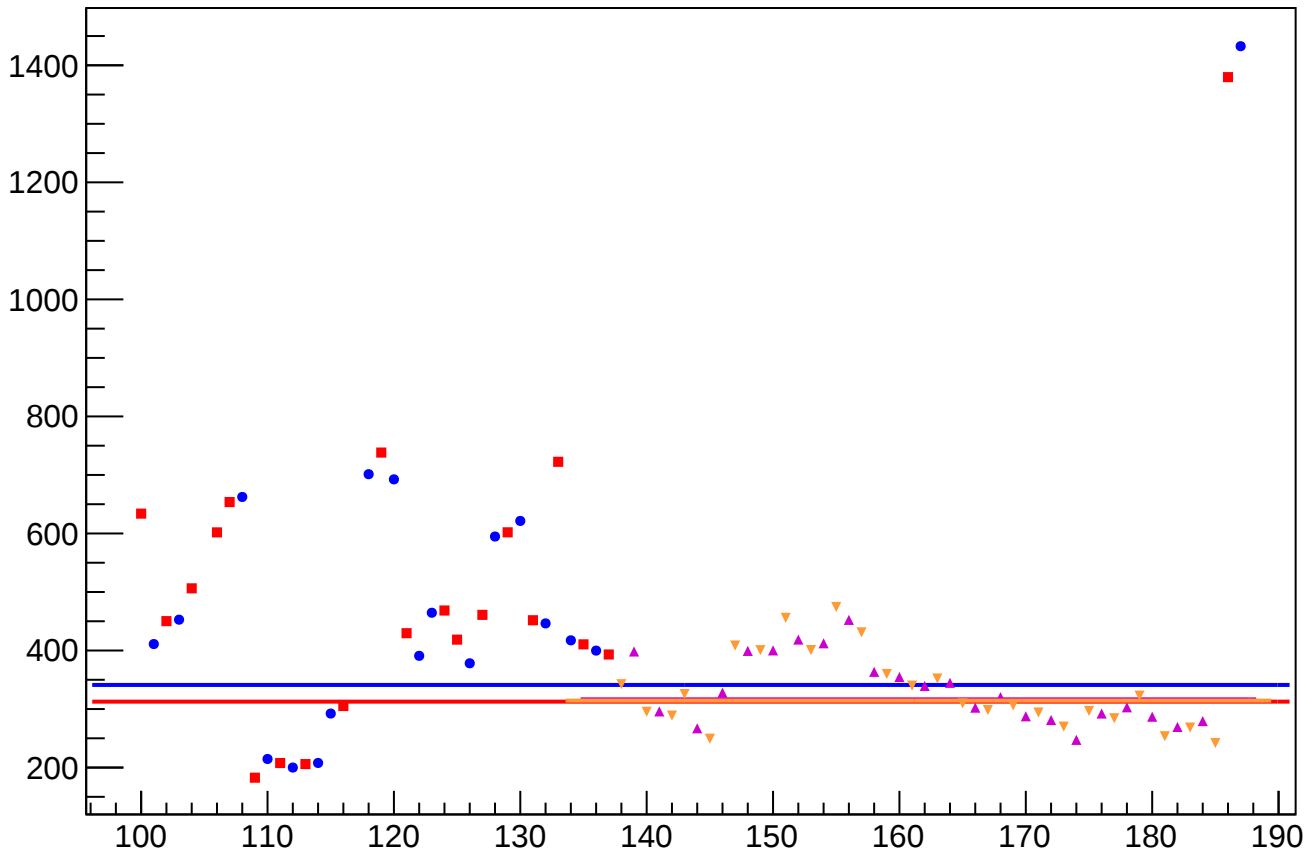
Left In: -87.657 $\pm$ 76.572 χ^2/NDF : 27.4/22

+ sign 337.791 $\pm$ 66.181 χ^2/NDF : 77.6/42

All: 172.364 $\pm$ 46.696 χ^2/NDF : 134.2/85

- sign 8.357 $\pm$ 65.896 χ^2/NDF : 44.1/42

asym_sam7_rms vs Slug



Right In: 341.183+/-0.101 χ^2/NDF : 2217539.0/17

Left Out: 314.405+/-0.053 χ^2/NDF : 1112244.9/24

Right Out: 312.642+/-0.091 χ^2/NDF : 3181247.6/19

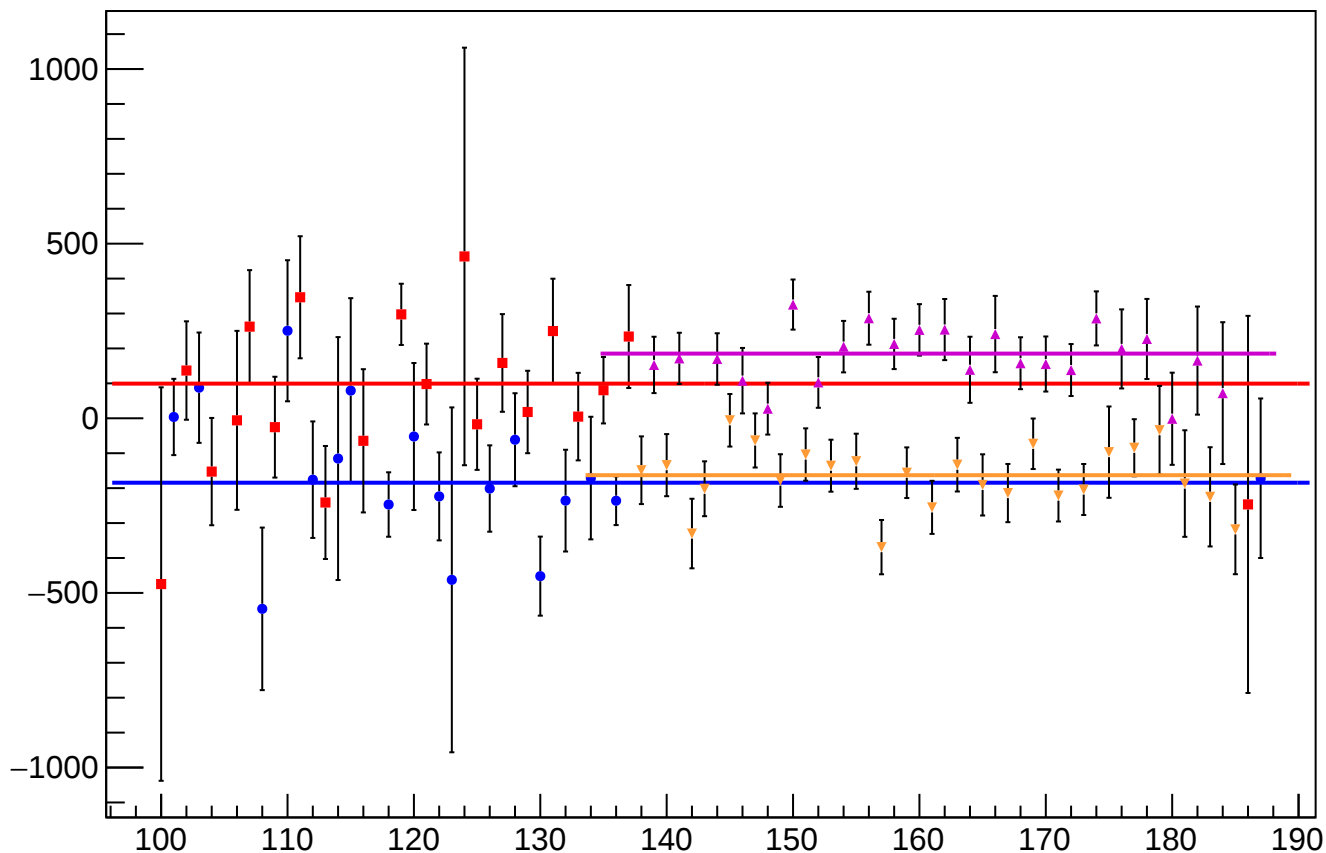
Left In: 316.616+/-0.054 χ^2/NDF : 929652.0/22

+ sign 320.181+/-0.047 χ^2/NDF : 3385179.9/42

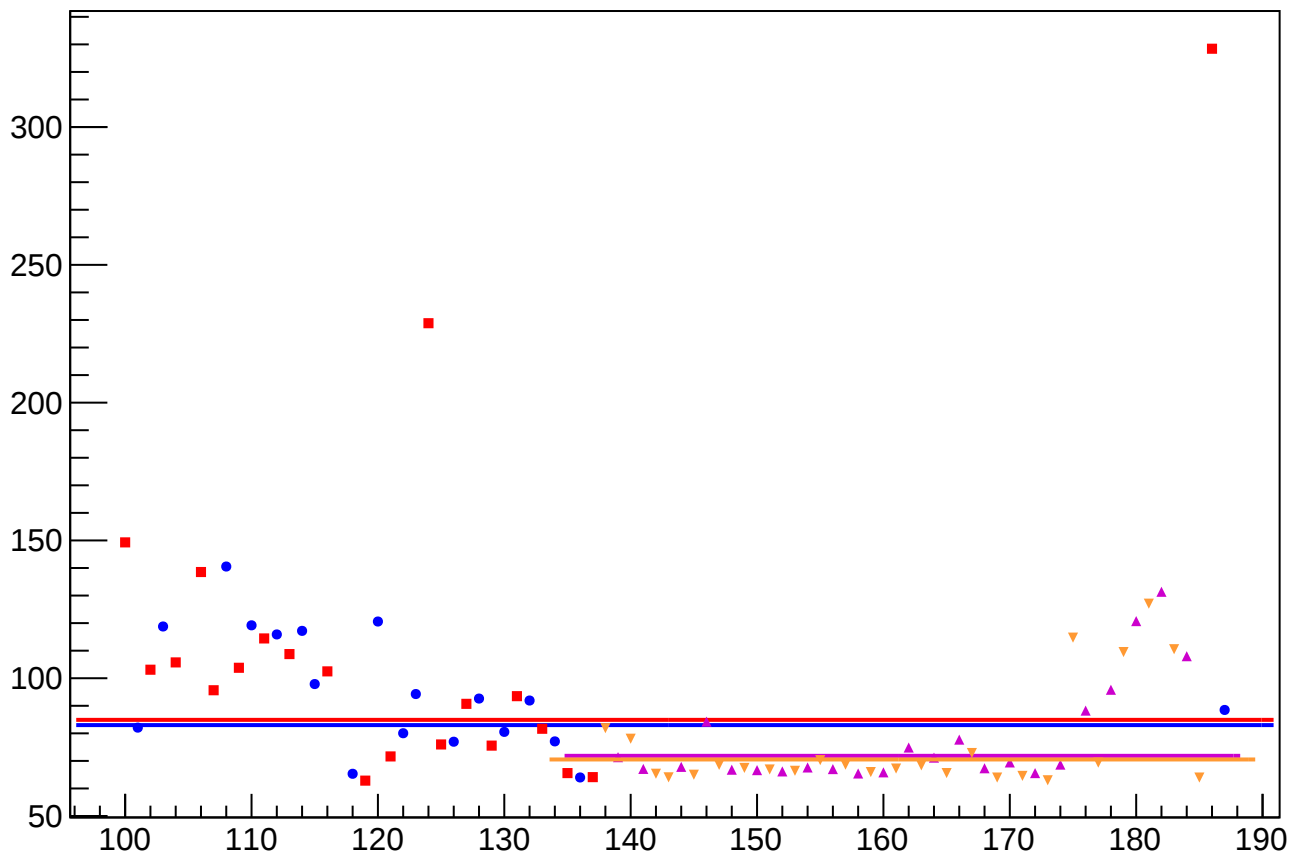
All: 317.873+/-0.033 χ^2/NDF : 7502320.0/85

- sign 315.585+/-0.047 χ^2/NDF : 4112297.2/42

dit_asym_sam8_mean vs Slug



dit_asym_sam8_rms vs Slug



Right In: 82.995 $\pm$ 0.023 χ^2 /NDF: 707600.6/17

Left Out: 70.521 $\pm$ 0.012 χ^2 /NDF: 1016625.6/24

Right Out: 84.896 $\pm$ 0.023 χ^2 /NDF: 1173788.9/19

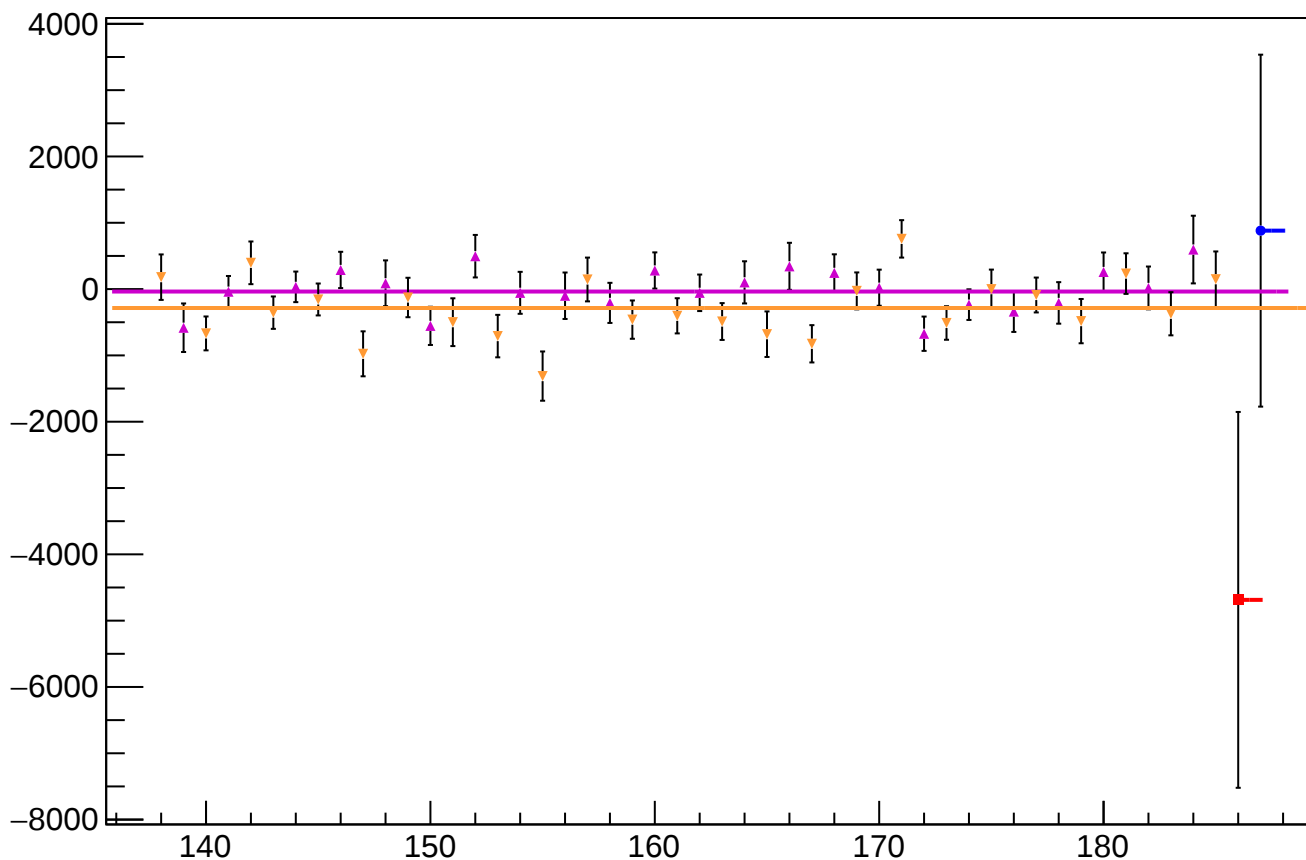
Left In: 71.843 $\pm$ 0.012 χ^2 /NDF: 923326.2/22

+ sign 73.161 $\pm$ 0.011 χ^2 /NDF: 1954106.7/42

All: 73.961 $\pm$ 0.008 χ^2 /NDF: 4312942.9/85

- sign 74.808 $\pm$ 0.011 χ^2 /NDF: 2347166.6/42

asym_sam8_correction_mean vs Slug



Right In: 881.304 ± 2653.777 χ^2/NDF : 0.0/0

Left Out: -285.231 ± 59.396 χ^2/NDF : 52.1/24

Right Out: -4686.643 ± 2833.982 χ^2/NDF : 0.0/0

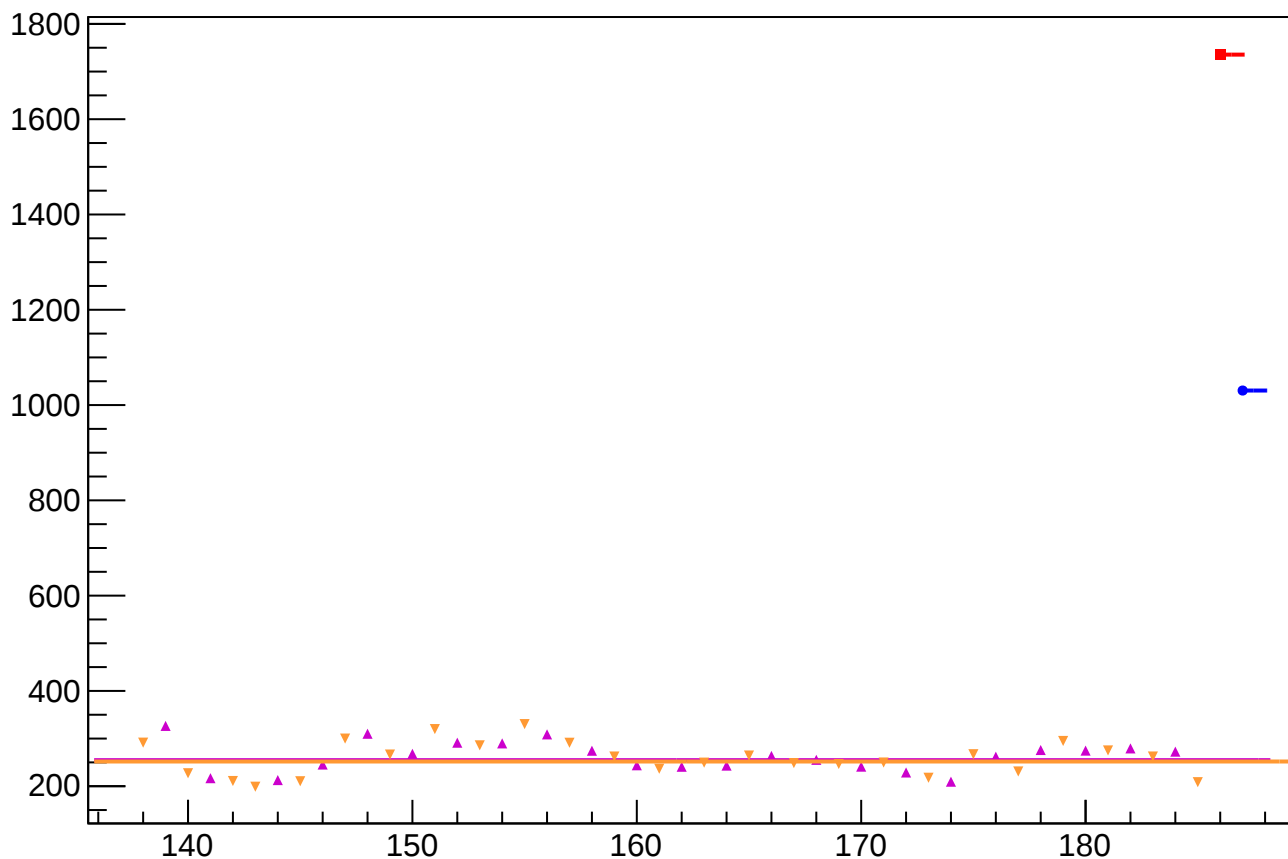
Left In: -36.923 ± 61.202 χ^2/NDF : 24.6/22

+ sign -284.647 ± 59.381 χ^2/NDF : 52.3/25

All: -165.548 ± 42.613 χ^2/NDF : 87.8/49

- sign -39.090 ± 61.188 χ^2/NDF : 27.3/23

asym_sam8_correction_rms vs Slug



Right In: 1030.488 $\pm$ 1.877 χ^2 /NDF: 0.0/0

Left Out: 251.862 $\pm$ 0.042 χ^2 /NDF:623307.1/24

Right Out: 1735.545 $\pm$ 2.004 χ^2 /NDF: 0.0/0

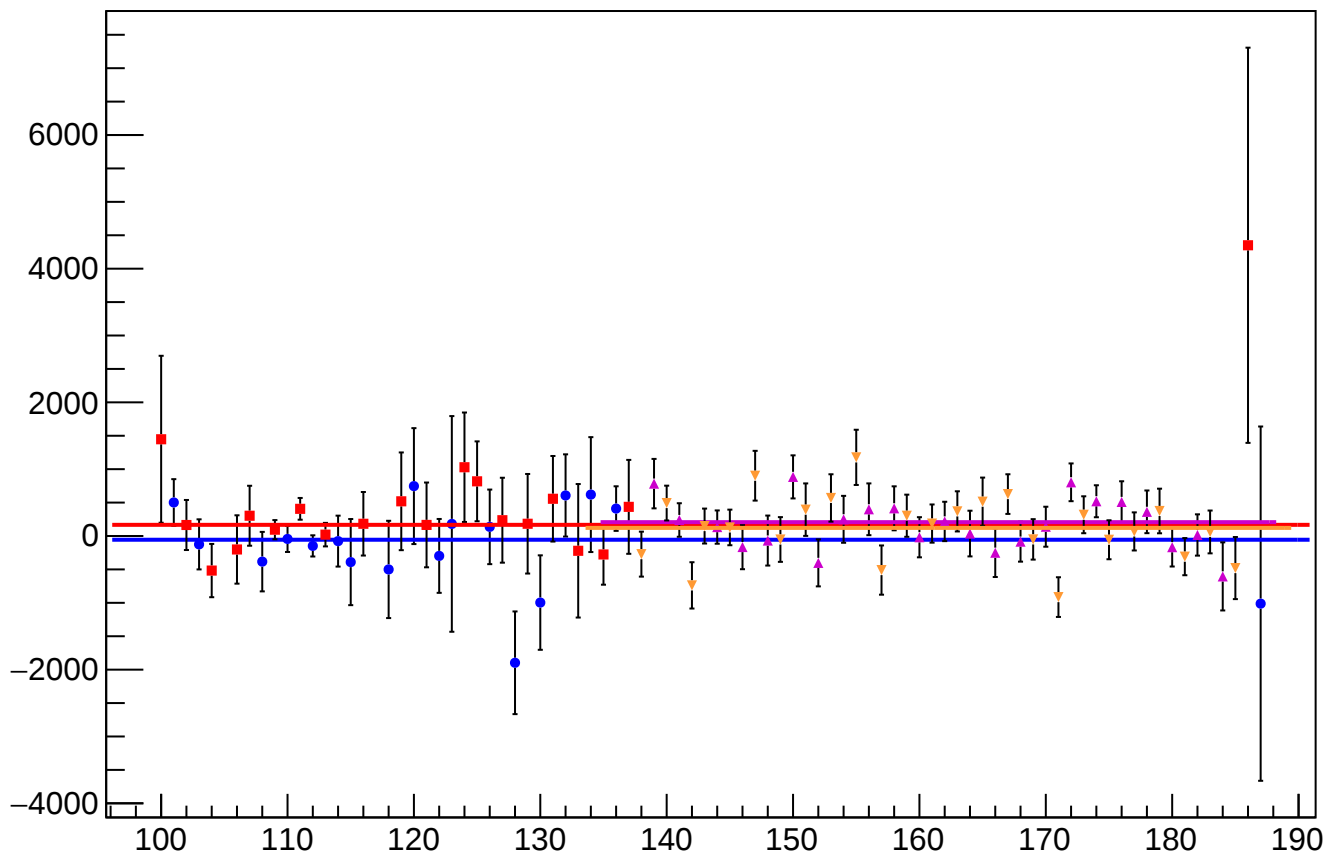
Left In: 254.694 $\pm$ 0.043 χ^2 /NDF:506776.4/22

+ sign 252.252 $\pm$ 0.042 χ^2 /NDF: 795391.2/25

All: 253.771 $\pm$ 0.030 χ^2 /NDF: 1850694.4/49

- sign 255.384 $\pm$ 0.043 χ^2 /NDF: 1052604.6/23

asym_sam8_mean vs Slug



Right In: -56.044 ± 90.303 χ^2/NDF : 16.7/17

Left Out: 121.185 ± 62.911 χ^2/NDF : 49.0/24

Right Out: 166.971 ± 76.877 χ^2/NDF : 13.9/19

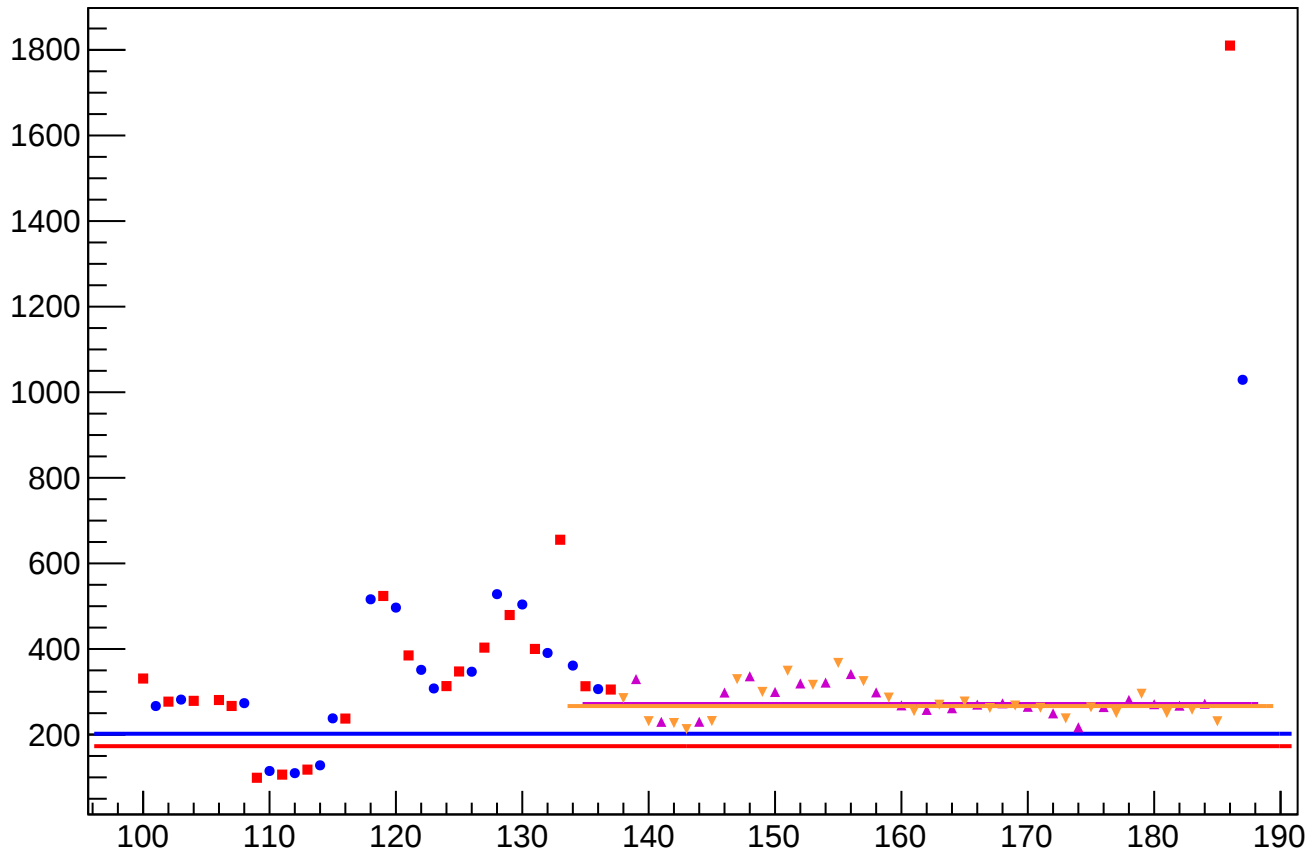
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 63.274 ± 51.619 χ^2/NDF : 68.3/42

All: 129.117 ± 35.819 χ^2/NDF : 113.3/85

- sign 190.267 ± 49.745 χ^2/NDF : 41.8/42

asym_sam8_rms vs Slug



Right In: 201.932 $\pm$ 0.064 χ^2 /NDF: 3631127.8/17

Left Out: 266.618 $\pm$ 0.044 χ^2 /NDF: 639230.8/24

Right Out: 172.901 $\pm$ 0.054 χ^2 /NDF: 4706233.1/19

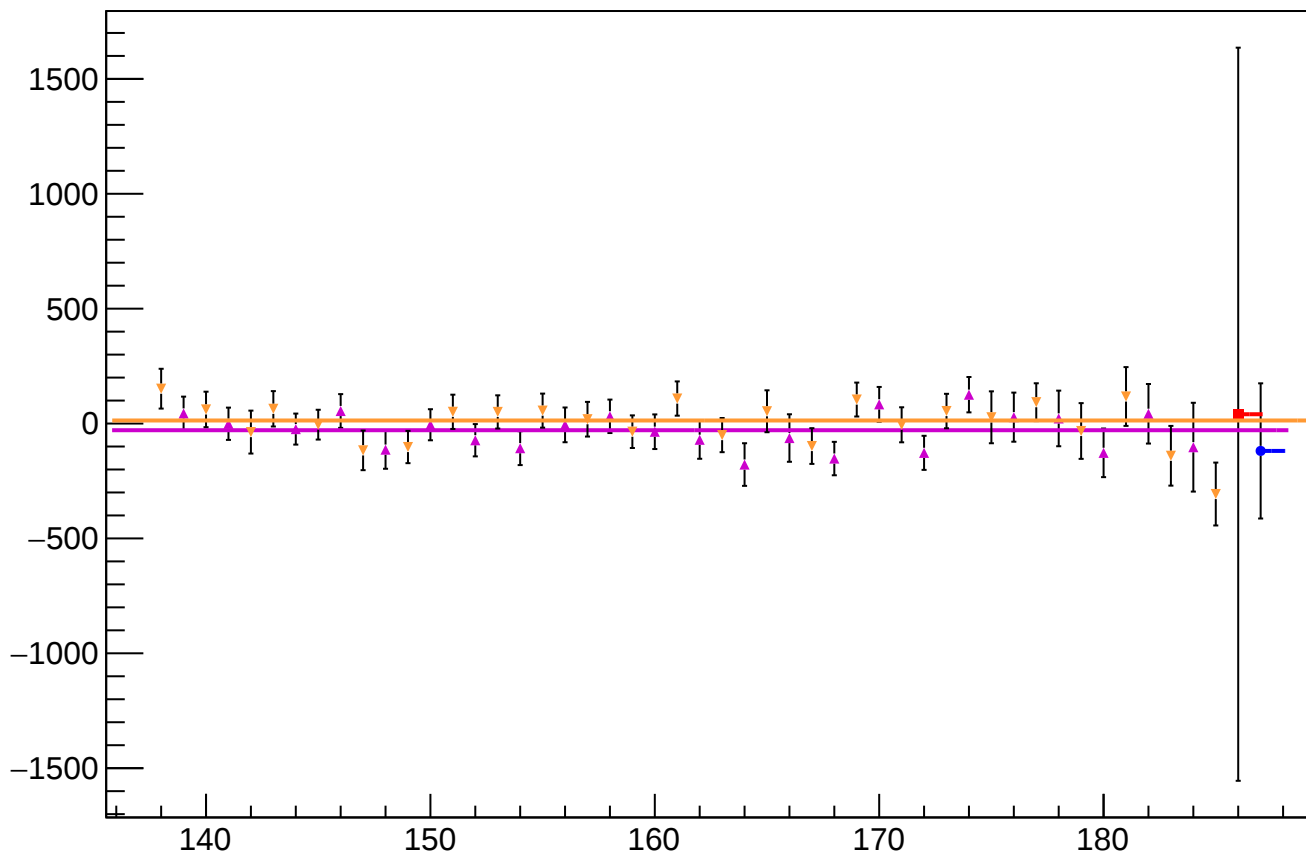
Left In: 271.451 $\pm$ 0.046 χ^2 /NDF: 530897.8/22

+ sign 245.481 $\pm$ 0.037 χ^2 /NDF: 4961266.0/42

All: 237.552 $\pm$ 0.025 χ^2 /NDF: 12199888.2/85

- sign 230.187 $\pm$ 0.035 χ^2 /NDF: 7147593.4/42

dit_asym_sam_15_avg_mean vs Slug



Right In: -119.171 ± 294.184 χ^2/NDF : 0.0/0

Left Out: 13.294 ± 16.364 χ^2/NDF : 25.2/24

Right Out: 40.507 ± 1595.420 χ^2/NDF : 0.0/0

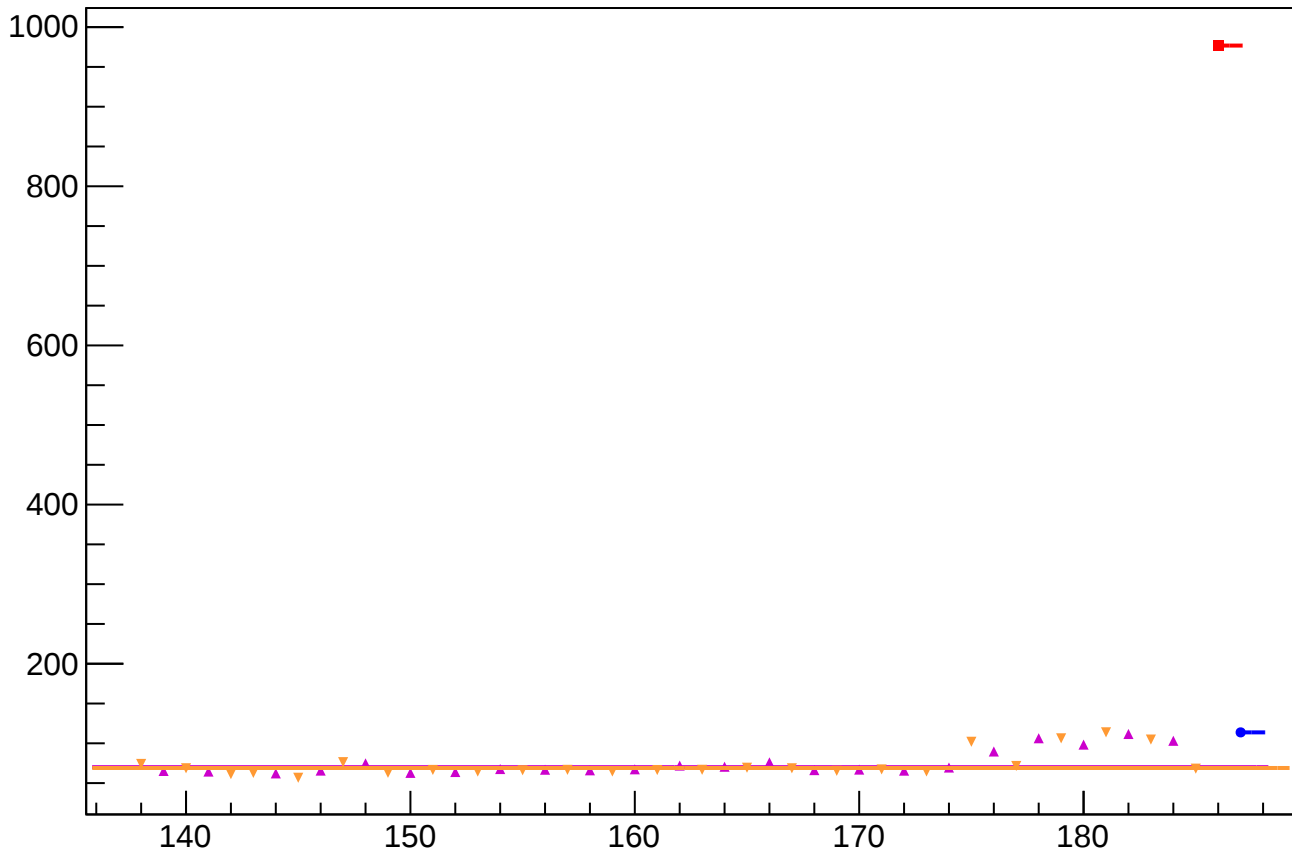
Left In: -29.073 ± 16.940 χ^2/NDF : 21.5/22

+ sign 12.886 ± 16.338 χ^2/NDF : 25.4/25

All: -7.333 ± 11.760 χ^2/NDF : 50.1/49

- sign -29.065 ± 16.939 χ^2/NDF : 21.5/23

dit_asym_sam_15_avg_rms vs Slug



Right In: 113.736 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Left Out: 68.991 $\pm$ 0.012 χ^2 /NDF: 931021.6/24

Right Out: 976.825 $\pm$ 1.128 χ^2 /NDF: 0.0/0

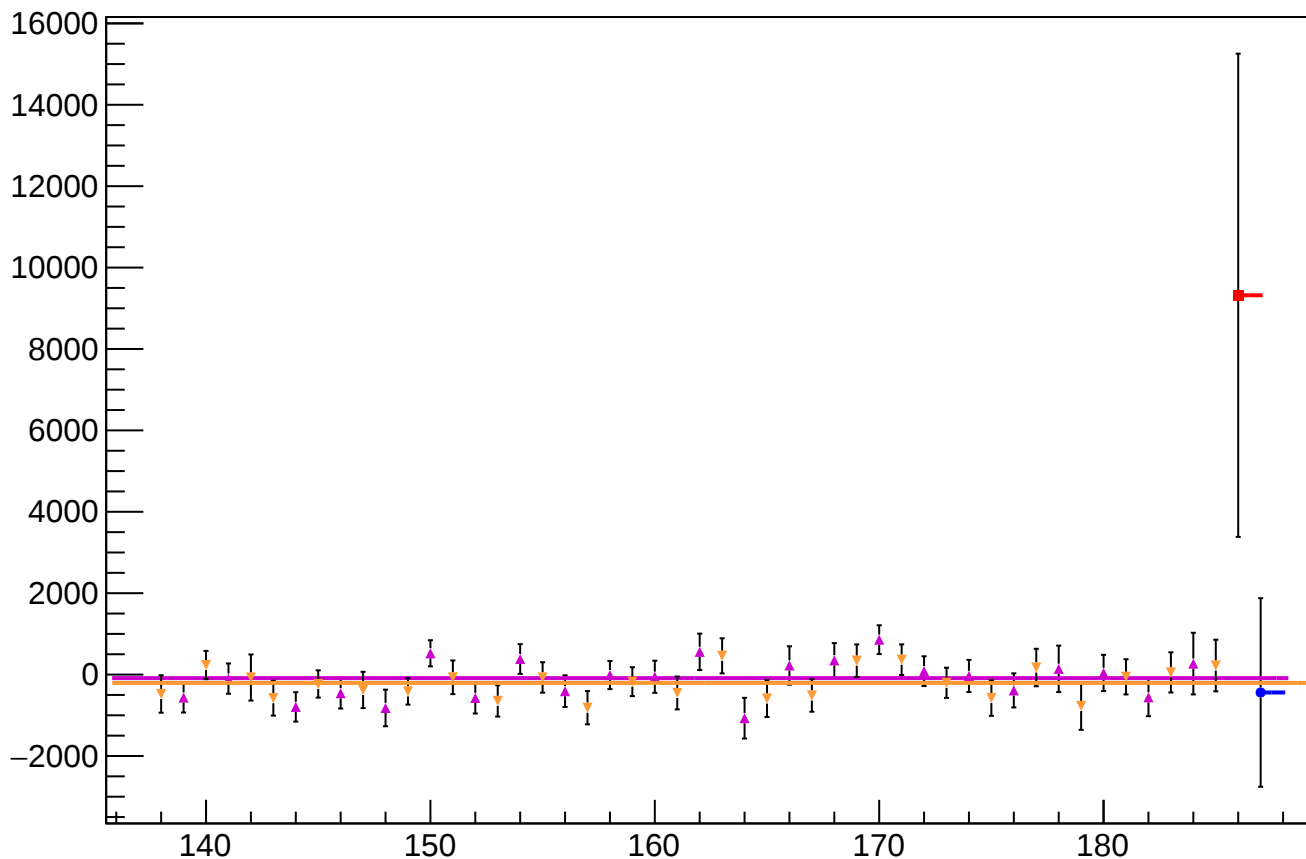
Left In: 70.058 $\pm$ 0.012 χ^2 /NDF: 793545.7/22

+ sign 69.129 $\pm$ 0.012 χ^2 /NDF: 977146.6/25

All: 69.626 $\pm$ 0.008 χ^2 /NDF: 2420520.8/49

- sign 70.160 $\pm$ 0.012 χ^2 /NDF: 1439530.6/23

asym_sam_15_avg_correction_mean vs Slug



Right In: -439.469 ± 2317.260 χ^2/NDF : 0.0/0

Left Out: -204.446 ± 82.586 χ^2/NDF : 18.5/24

Right Out: 9319.308 ± 5936.194 χ^2/NDF : 0.0/0

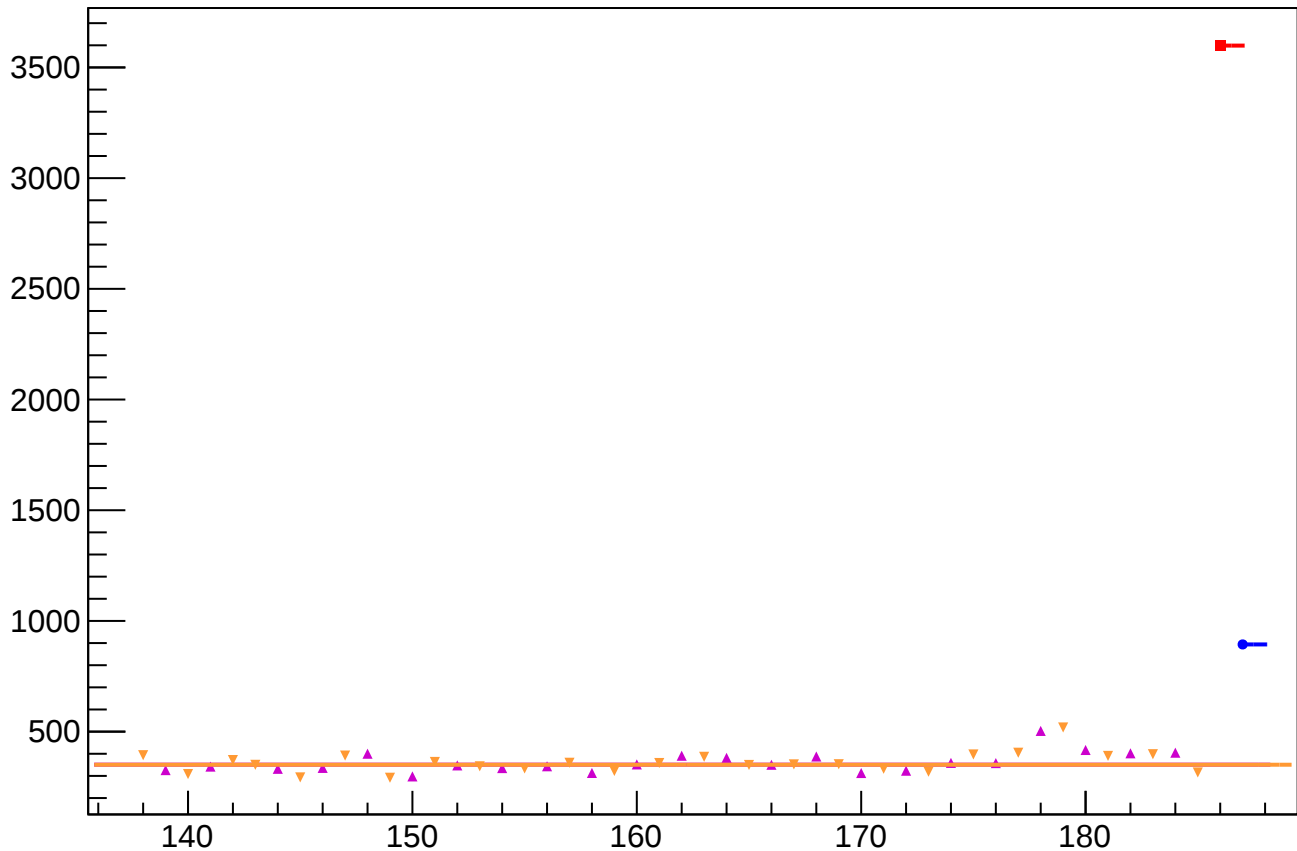
Left In: -86.922 ± 84.266 χ^2/NDF : 33.6/22

+ sign -204.744 ± 82.534 χ^2/NDF : 18.5/25

All: -146.123 ± 58.960 χ^2/NDF : 55.7/49

- sign -85.027 ± 84.258 χ^2/NDF : 36.1/23

asym_sam_15_avg_correction_rms vs Slug



Right In: 893.848 $\pm$ 1.639 χ^2 /NDF: 0.0/0

Left Out: 350.500 $\pm$ 0.058 χ^2 /NDF: 500665.4/24

Right Out: 3598.678 $\pm$ 4.198 χ^2 /NDF: 0.0/0

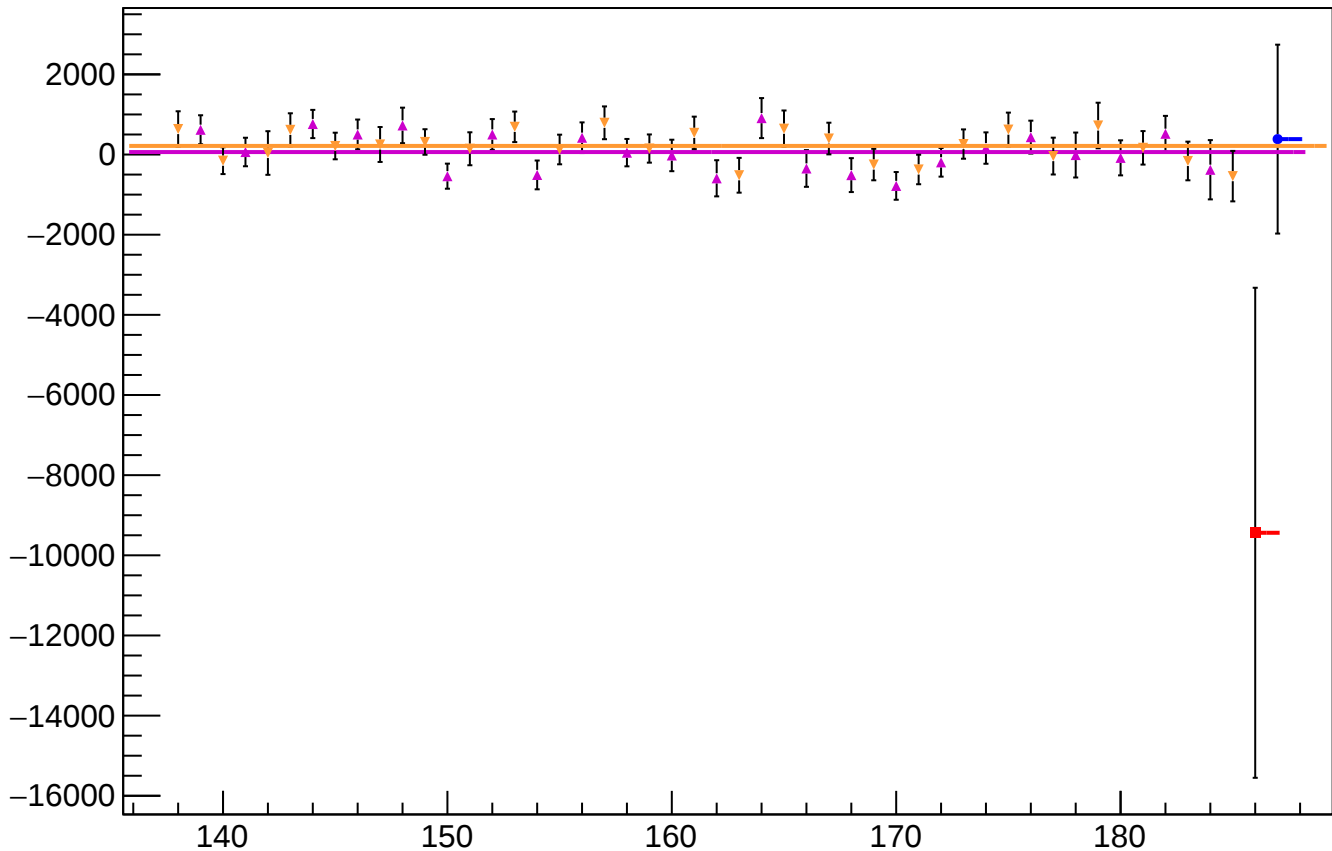
Left In: 350.780 $\pm$ 0.060 χ^2 /NDF: 421229.4/22

+ sign 351.189 $\pm$ 0.058 χ^2 /NDF: 610486.6/25

All: 351.309 $\pm$ 0.042 χ^2 /NDF: 1630316.5/49

- sign 351.435 $\pm$ 0.060 χ^2 /NDF: 1019821.3/23

asym_sam_15_avg_mean vs Slug



Right In: 384.844 ± 2356.540 χ^2/NDF : 0.0/0

Left Out: 215.214 ± 81.235 χ^2/NDF : 19.6/24

Right Out: -9437.688 ± 6113.612 χ^2/NDF : 0.0/0

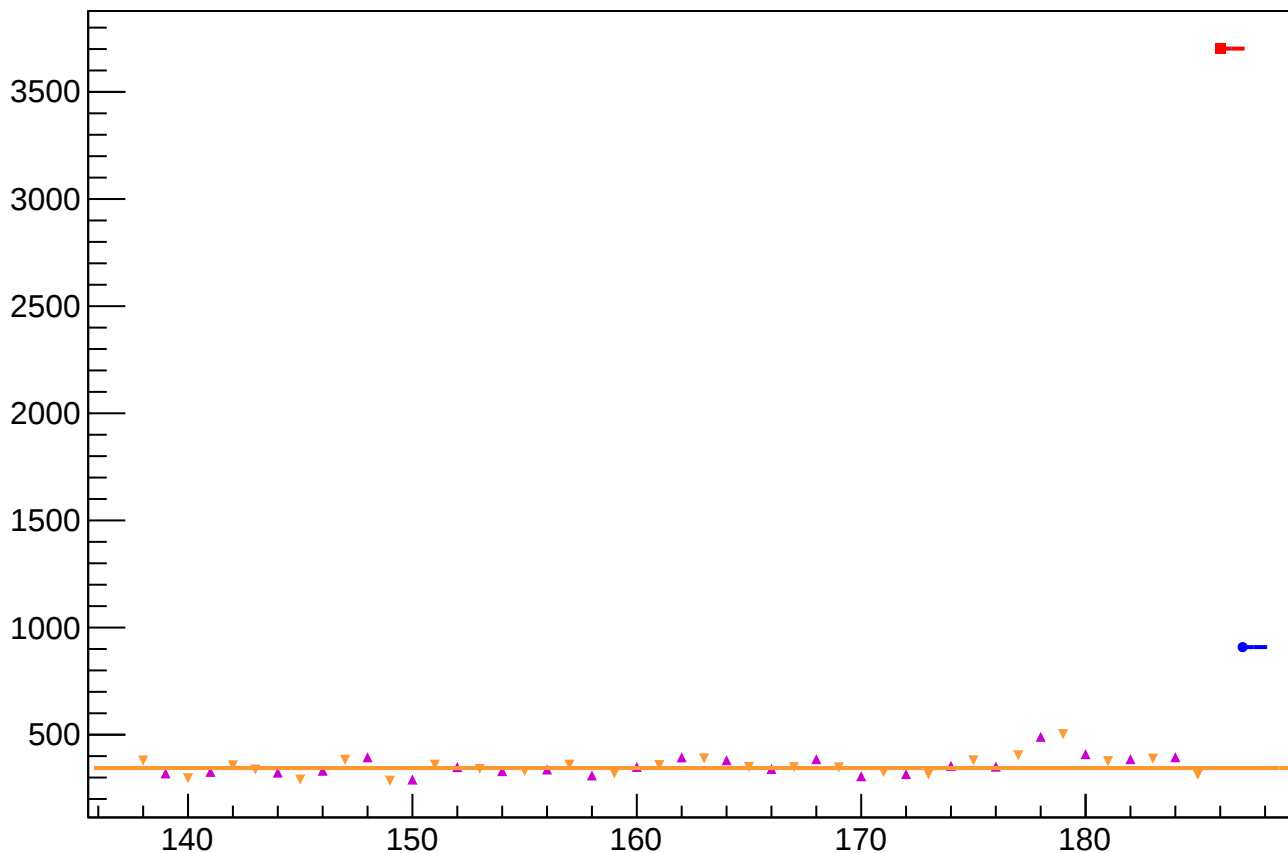
Left In: 61.730 ± 82.841 χ^2/NDF : 34.9/22

+ sign 215.415 ± 81.187 χ^2/NDF : 19.6/25

All: 139.261 ± 57.981 χ^2/NDF : 58.7/49

- sign 59.987 ± 82.833 χ^2/NDF : 37.3/23

asym_sam_15_avg_rms vs Slug



Right In: 908.760 $\pm$ 1.666 χ^2 /NDF: 0.0/0

Left Out: 344.439 $\pm$ 0.057 χ^2 /NDF: 488381.9/24

Right Out: 3702.119 $\pm$ 4.323 χ^2 /NDF: 0.0/0

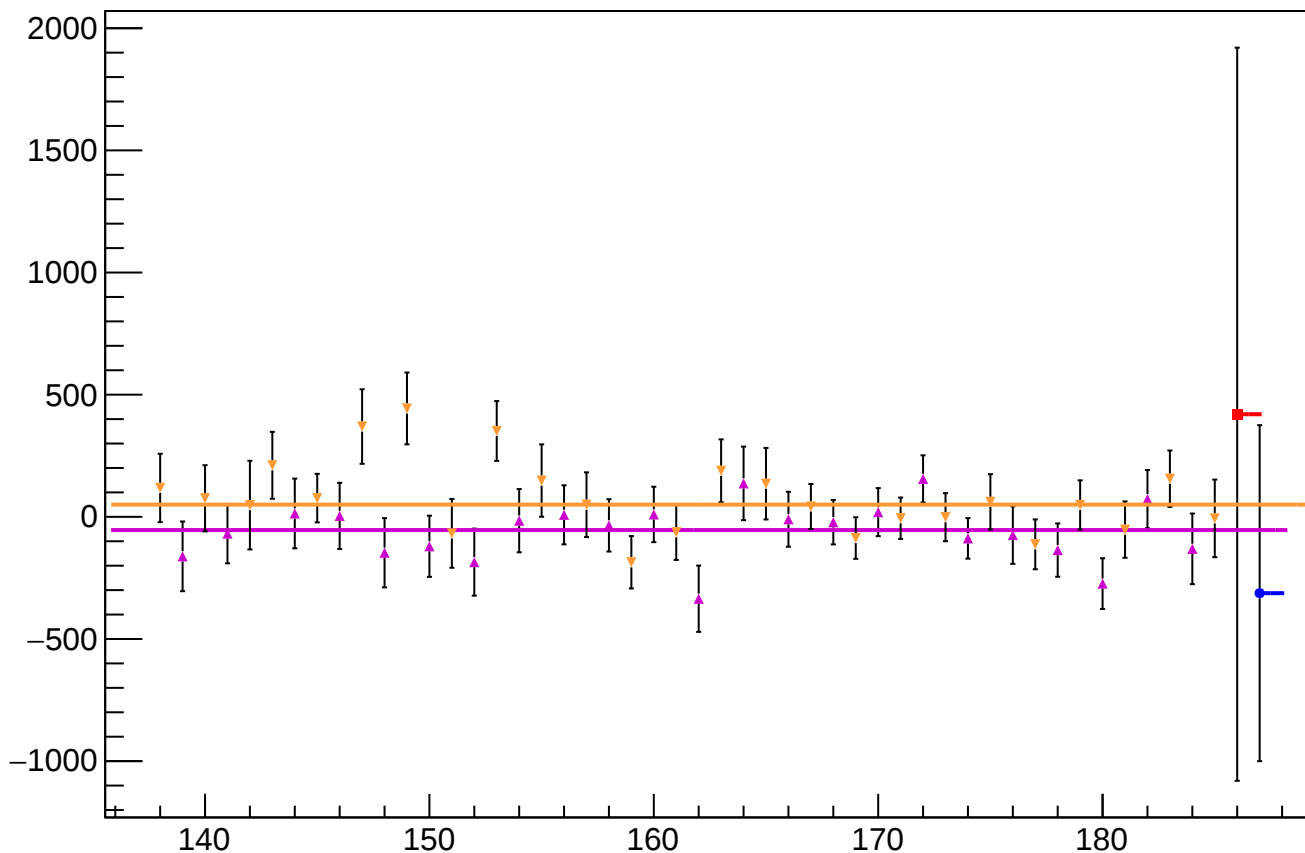
Left In: 344.475 $\pm$ 0.059 χ^2 /NDF: 433401.7/22

+ sign 345.109 $\pm$ 0.057 χ^2 /NDF: 602937.5/25

All: 345.100 $\pm$ 0.041 χ^2 /NDF: 1639487.1/49

- sign 345.091 $\pm$ 0.059 χ^2 /NDF: 1036549.6/23

dit_asym_sam_26_avg_mean vs Slug



Right In: -312.512 ± 687.733 χ^2/NDF : 0.0/0

Left Out: 50.044 ± 23.364 χ^2/NDF : 35.4/24

Right Out: 419.952 ± 1500.425 χ^2/NDF : 0.0/0

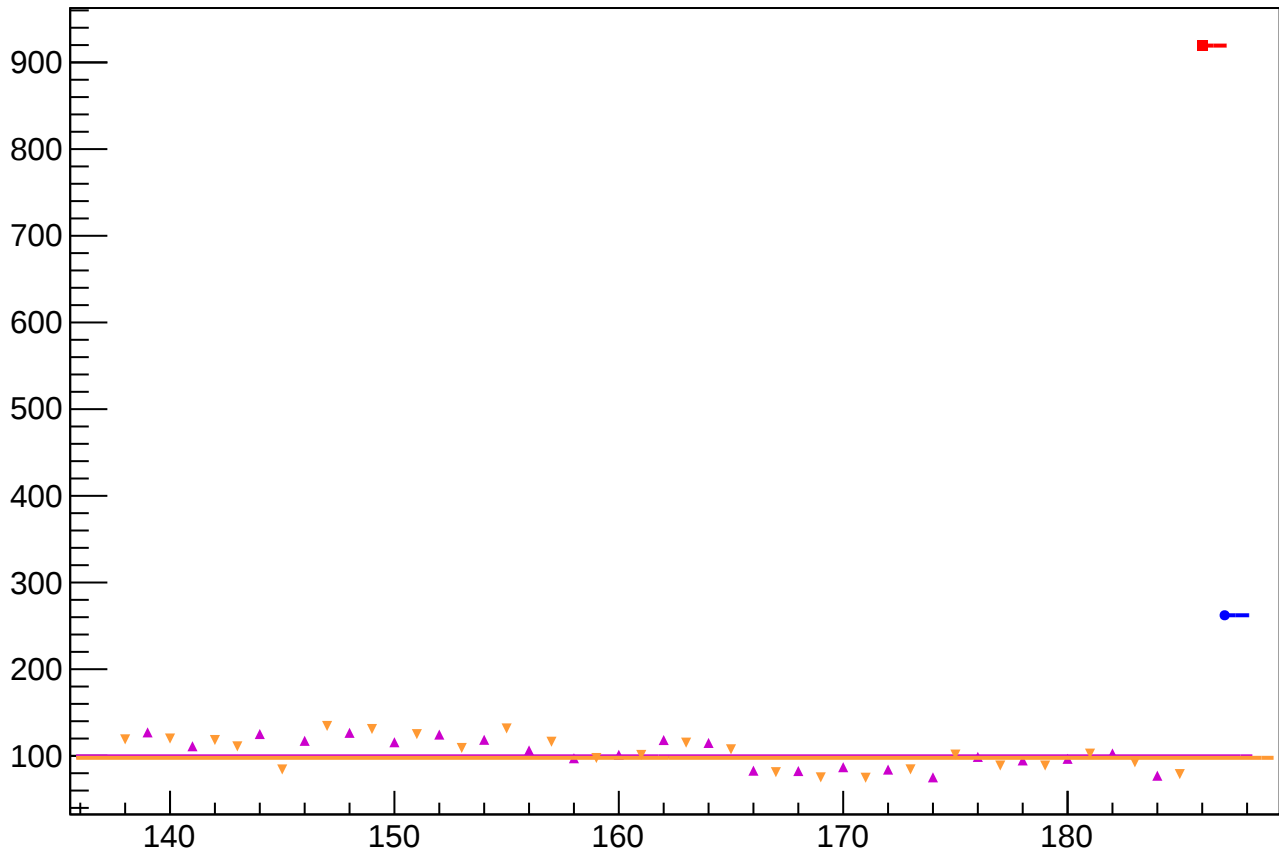
Left In: -54.211 ± 24.242 χ^2/NDF : 21.4/22

+ sign 49.626 ± 23.350 χ^2/NDF : 35.7/25

All: -0.296 ± 16.816 χ^2/NDF : 66.7/49

- sign -54.087 ± 24.239 χ^2/NDF : 21.5/23

dit_asym_sam_26_avg_rms vs Slug



Right In: 262.215 $\pm$ 0.486 χ^2 /NDF: 0.0/0

Left Out: 97.776 $\pm$ 0.017 χ^2 /NDF:1140773.7/24

Right Out: 919.410 $\pm$ 1.061 χ^2 /NDF: 0.0/0

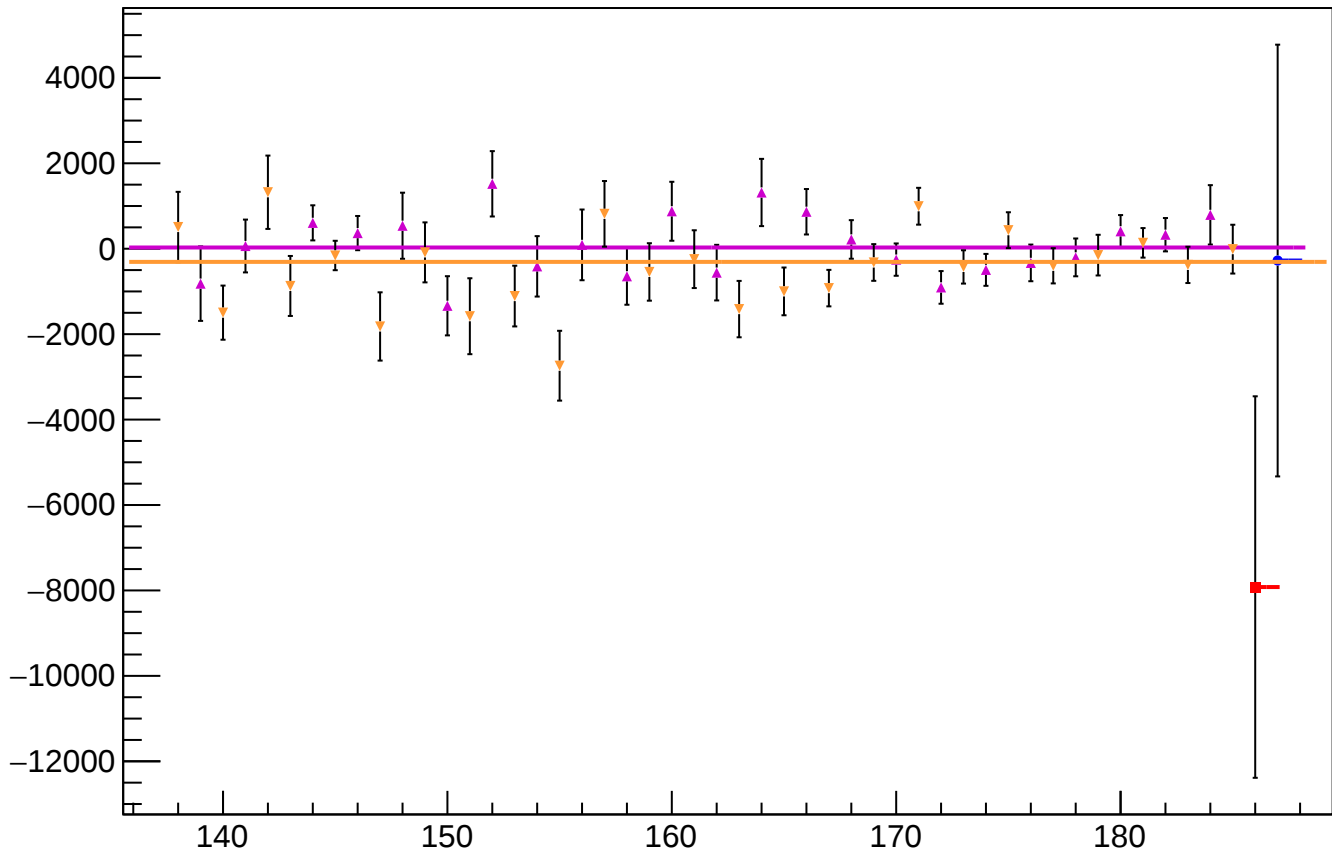
Left In: 99.502 $\pm$ 0.017 χ^2 /NDF:898572.4/22

+ sign 97.966 $\pm$ 0.017 χ^2 /NDF: 1254981.3/25

All: 98.808 $\pm$ 0.012 χ^2 /NDF: 2756021.6/49

- sign 99.716 $\pm$ 0.017 χ^2 /NDF: 1495632.5/23

asym_sam_26_avg_correction_mean vs Slug



Right In: -276.764 ± 5053.836 χ^2/NDF : 0.0/0

Left Out: -308.038 ± 104.531 χ^2/NDF : 47.9/24

Right Out: -7920.589 ± 4465.656 χ^2/NDF : 0.0/0

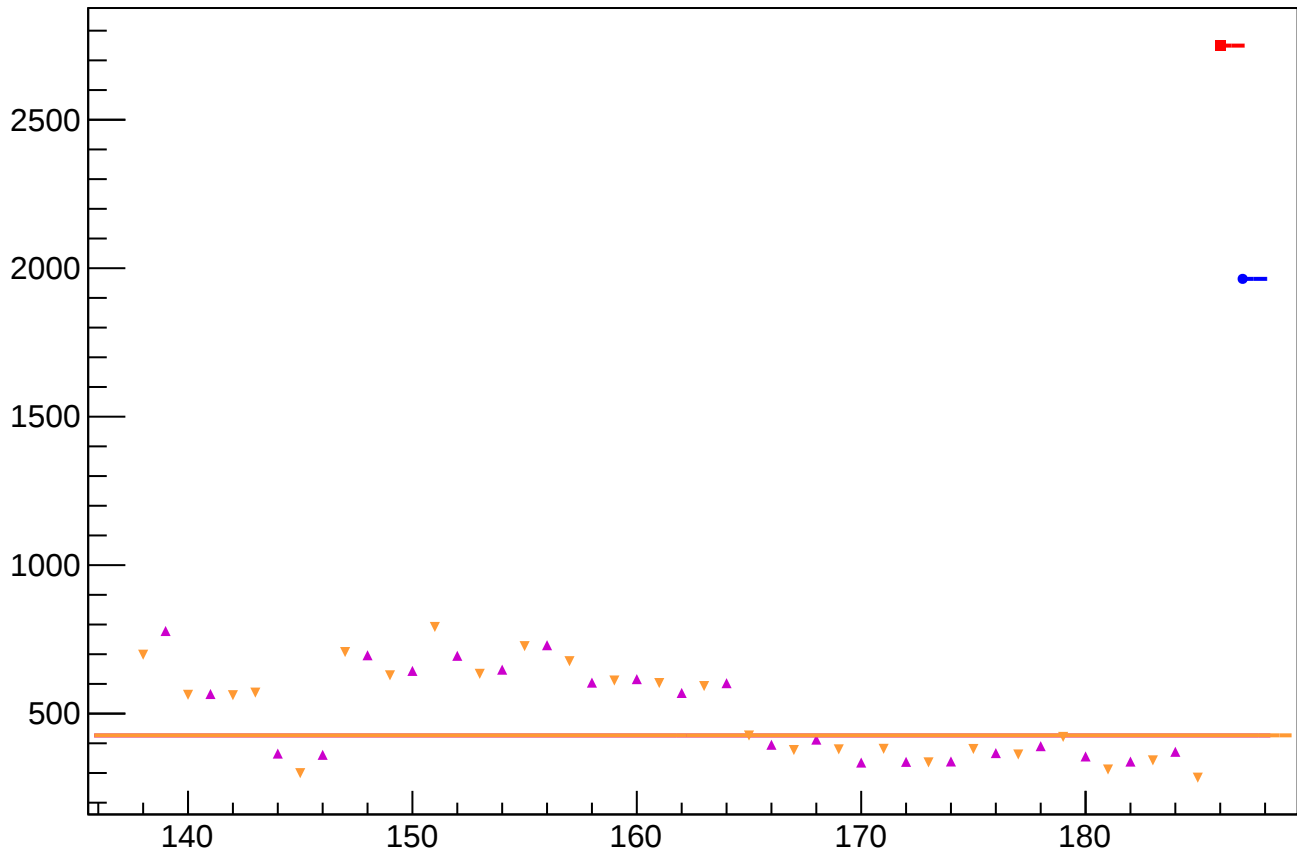
Left In: 28.710 ± 106.080 χ^2/NDF : 33.1/22

+ sign -308.024 ± 104.508 χ^2/NDF : 47.9/25

All: -144.331 ± 74.438 χ^2/NDF : 89.2/49

- sign 24.226 ± 106.050 χ^2/NDF : 36.3/23

asym_sam_26_avg_correction_rms vs Slug



Right In: 1964.131+/-3.574 χ^2/NDF : 0.0/0

Left Out: 426.792+/-0.074 χ^2/NDF : 3210955.9/24

Right Out: 2749.691+/-3.158 χ^2/NDF : 0.0/0

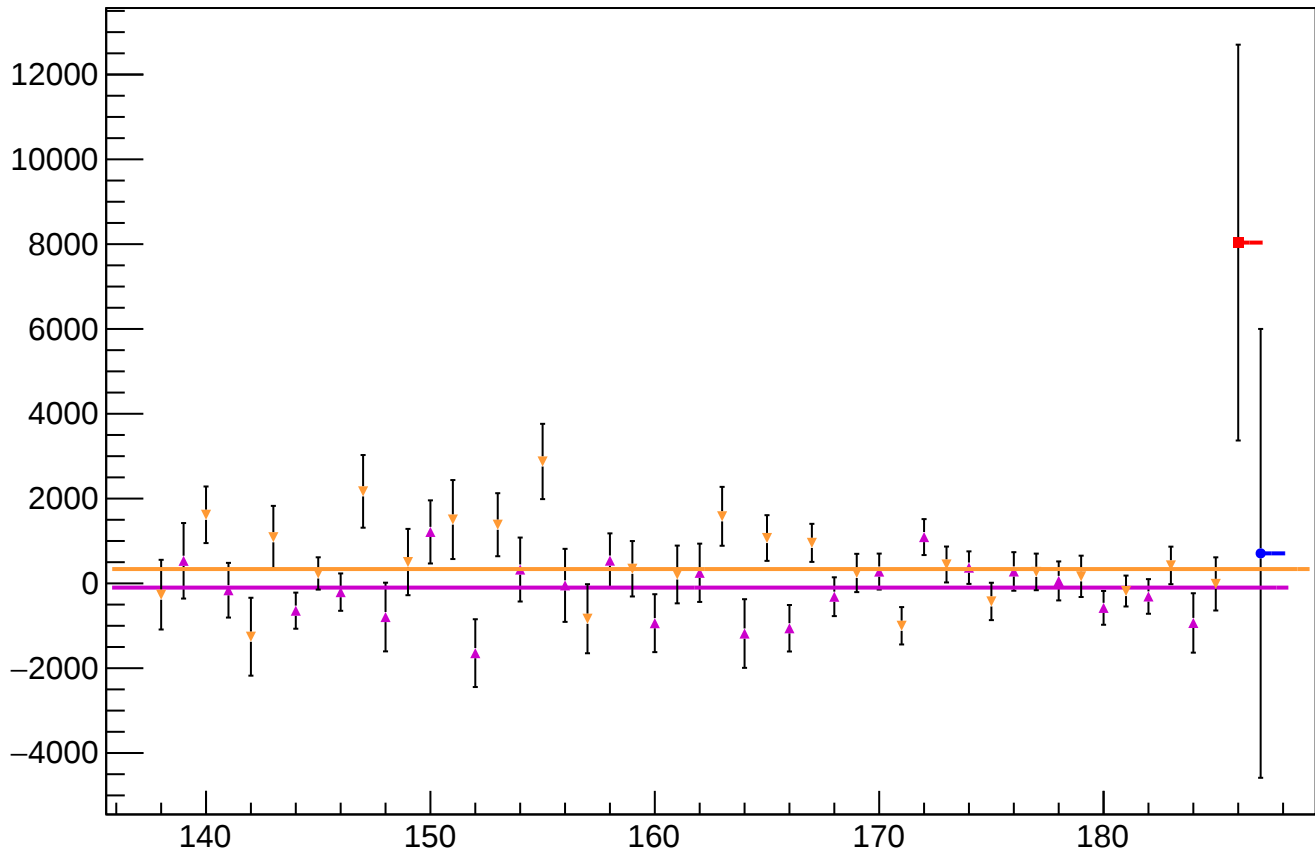
Left In: 426.333+/-0.075 χ^2/NDF : 2745935.4/22

+ sign 427.450+/-0.074 χ^2/NDF : 3395942.9/25

All: 427.545+/-0.053 χ^2/NDF : 6682943.3/49

- sign 427.643+/-0.075 χ^2/NDF : 3286997.1/23

asym_sam_26_avg_mean vs Slug



Right In: 707.944+/-5292.618 χ^2/NDF : 0.0/0

Left Out: 337.948+/-109.831 χ^2/NDF : 48.6/24

Right Out: 8036.867+/-4667.395 χ^2/NDF : 0.0/0

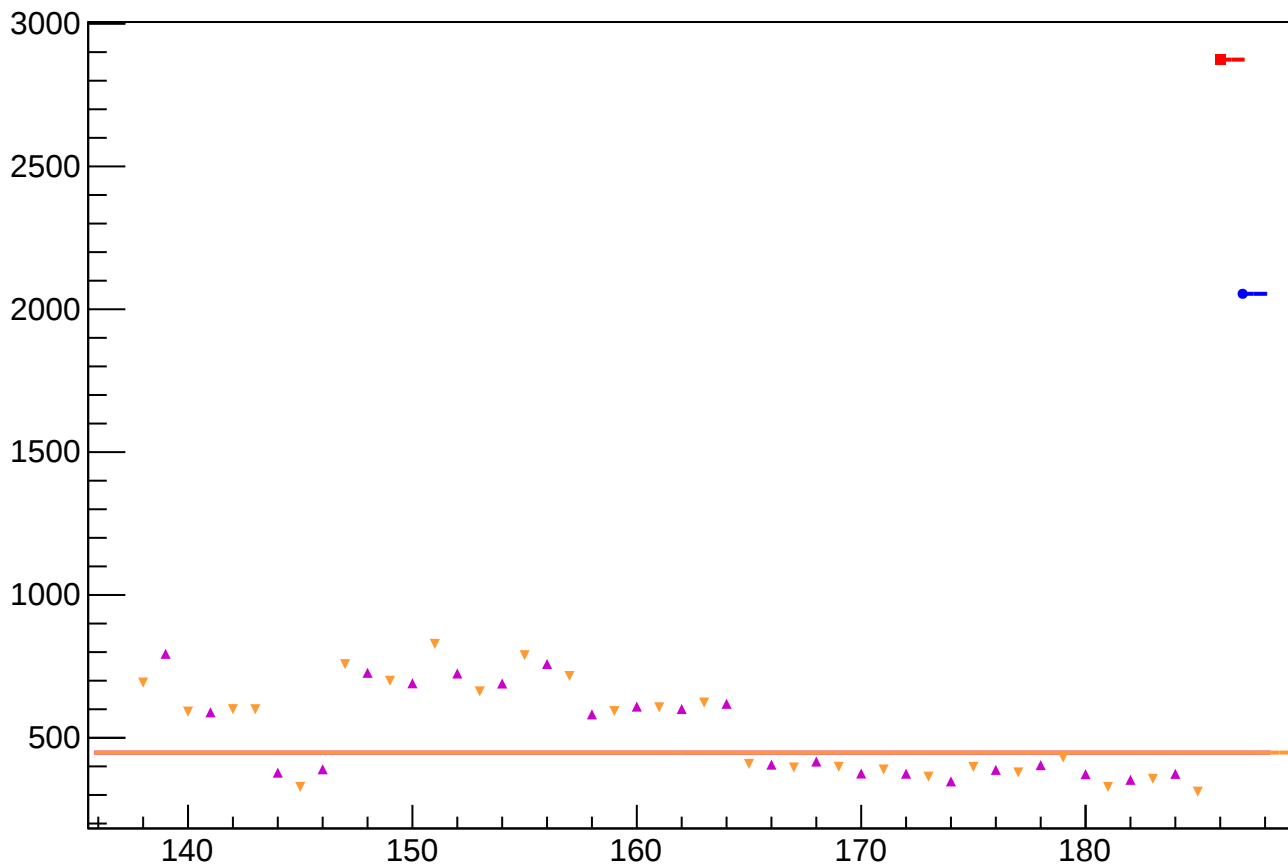
Left In: -99.475+/-111.475 χ^2/NDF : 32.1/22

+ sign 338.107+/-109.807 χ^2/NDF : 48.6/25

All: 124.836+/-78.217 χ^2/NDF : 91.3/49

- sign -94.837+/-111.443 χ^2/NDF : 35.1/23

asym_sam_26_avg_rms vs Slug



Right In: 2054.143+/-3.742 χ^2/NDF : 0.0/0

Left Out: 448.397+/-0.078 χ^2/NDF : 3077183.0/24

Right Out: 2873.828+/-3.300 χ^2/NDF : 0.0/0

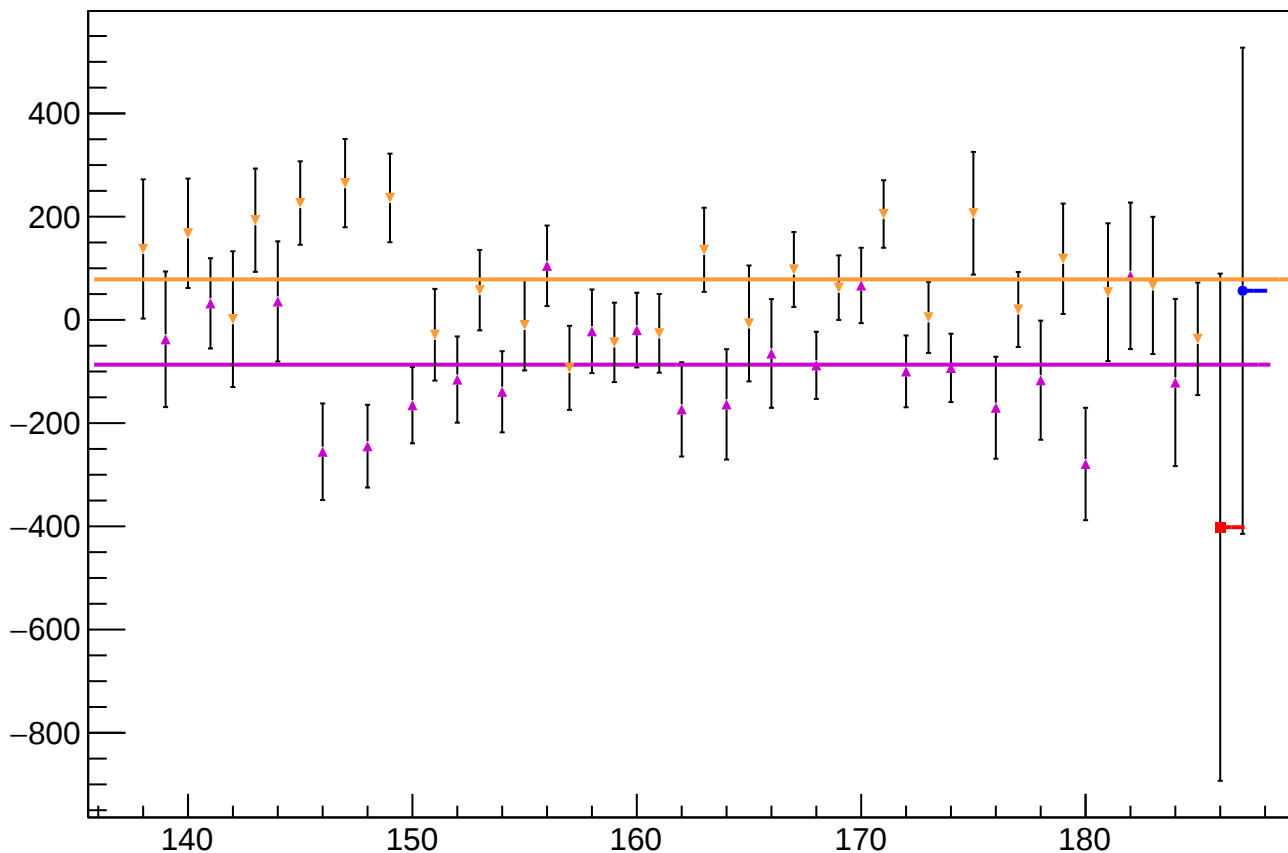
Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

+ sign 449.088+/-0.078 χ^2/NDF : 3261199.2/25

All: 449.351+/-0.055 χ^2/NDF : 6364521.6/49

- sign 449.621+/-0.079 χ^2/NDF : 3103299.1/23

dit_asym_sam_37_avg_mean vs Slug



Right In: 56.455+/-471.001 χ^2 /NDF: 0.0/0

Left Out: 78.521+/-17.395 χ^2 /NDF:34.6/24

Right Out: -401.692+/-491.310 χ^2 /NDF: 0.0/0

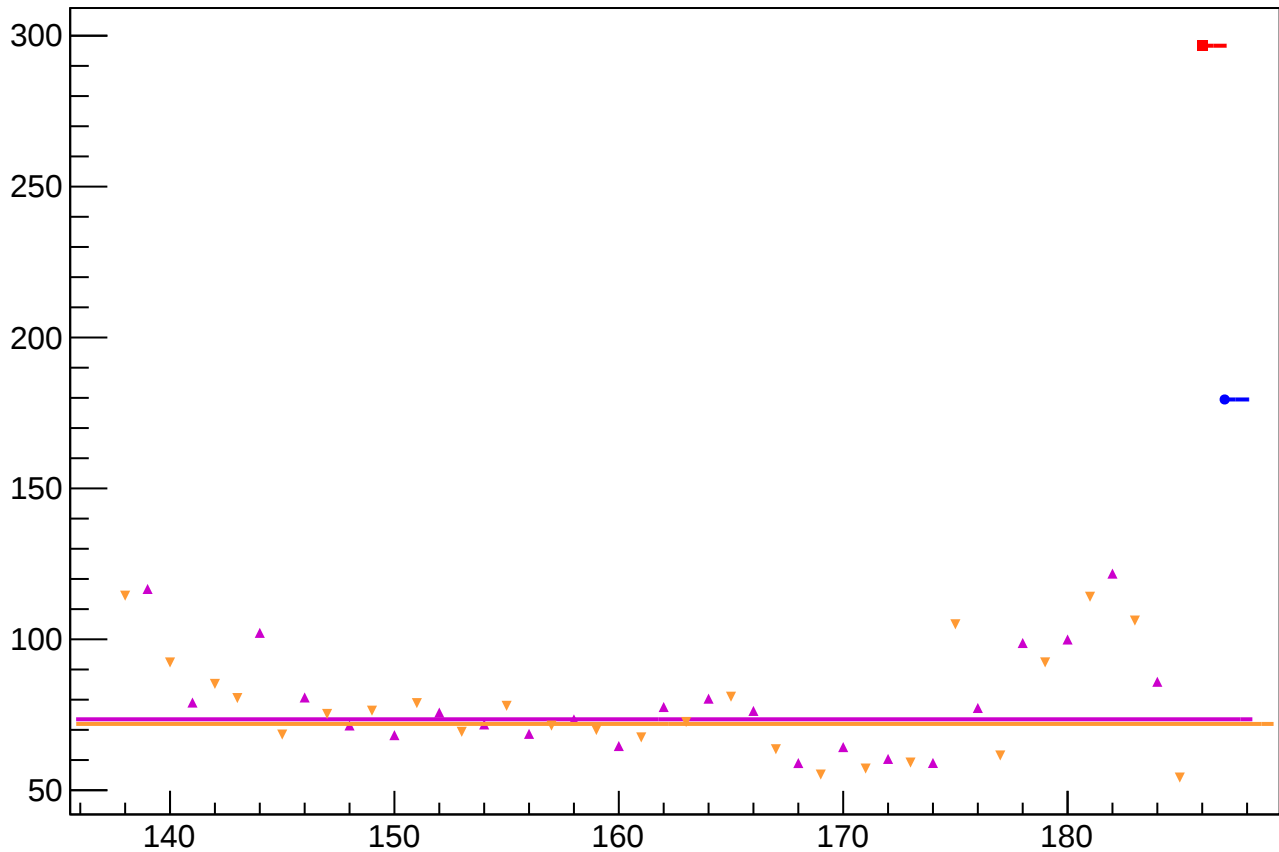
Left In: -86.721+/-18.153 χ^2 /NDF:30.8/22

+ sign 78.491+/-17.383 χ^2 /NDF: 34.6/25

All: -0.798+/-12.551 χ^2 /NDF: 109.3/49

- sign -87.150+/-18.140 χ^2 /NDF: 31.2/23

dit_asym_sam_37_avg_rms vs Slug



Right In: 179.470 $\pm$ 0.333 χ^2 /NDF: 0.0/0

Left Out: 71.964 $\pm$ 0.012 χ^2 /NDF:1360059.9/24

Right Out: 296.684 $\pm$ 0.347 χ^2 /NDF: 0.0/0

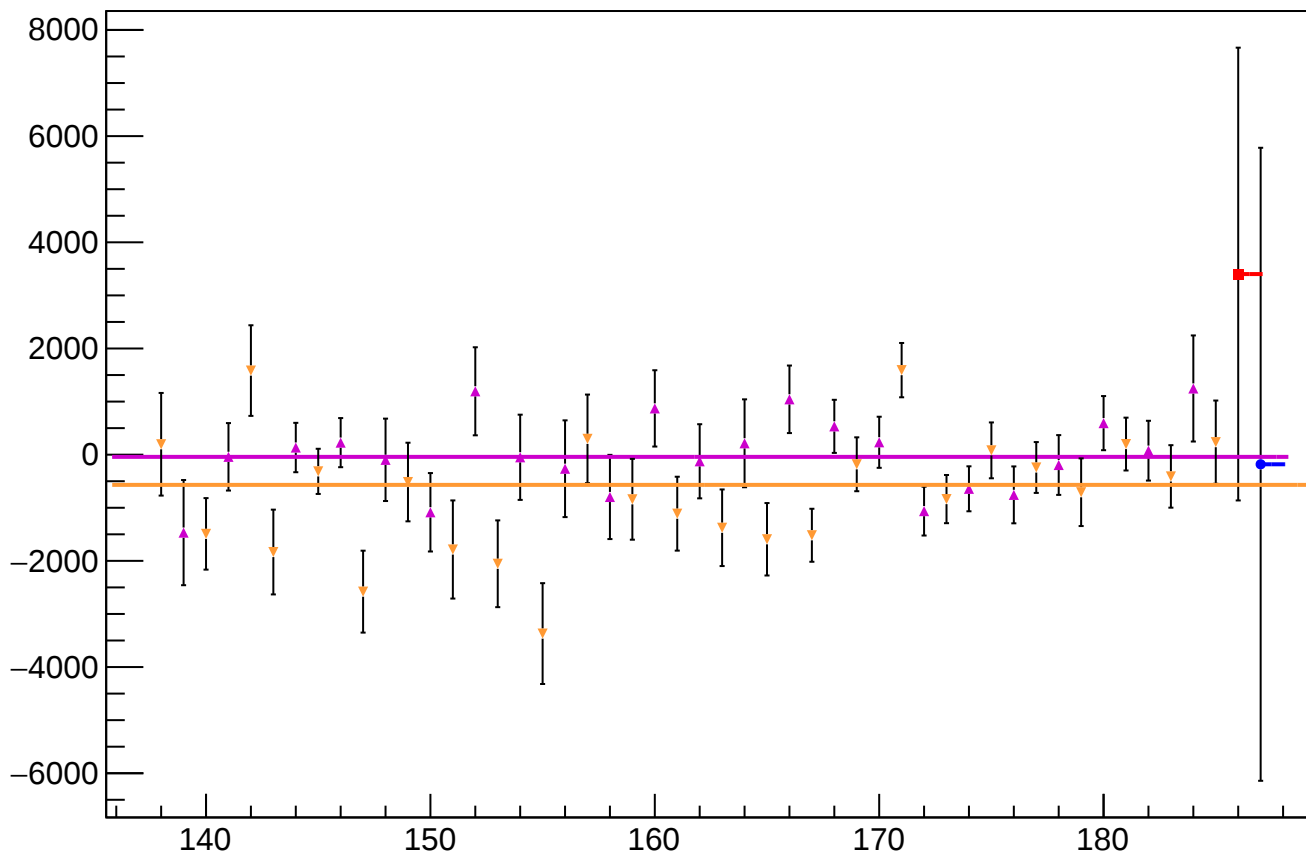
Left In: 73.503 $\pm$ 0.013 χ^2 /NDF:1179670.4/22

+ sign 72.110 $\pm$ 0.012 χ^2 /NDF: 1464114.3/25

All: 72.922 $\pm$ 0.009 χ^2 /NDF: 3065043.7/49

- sign 73.807 $\pm$ 0.013 χ^2 /NDF: 1591805.8/23

asym_sam_37_avg_correction_mean vs Slug



Right In: -180.981+/-5961.441 χ^2/NDF : 0.0/0

Left Out: -568.824+/-125.104 χ^2/NDF : 65.6/24

Right Out: 3401.898+/-4264.039 χ^2/NDF : 0.0/0

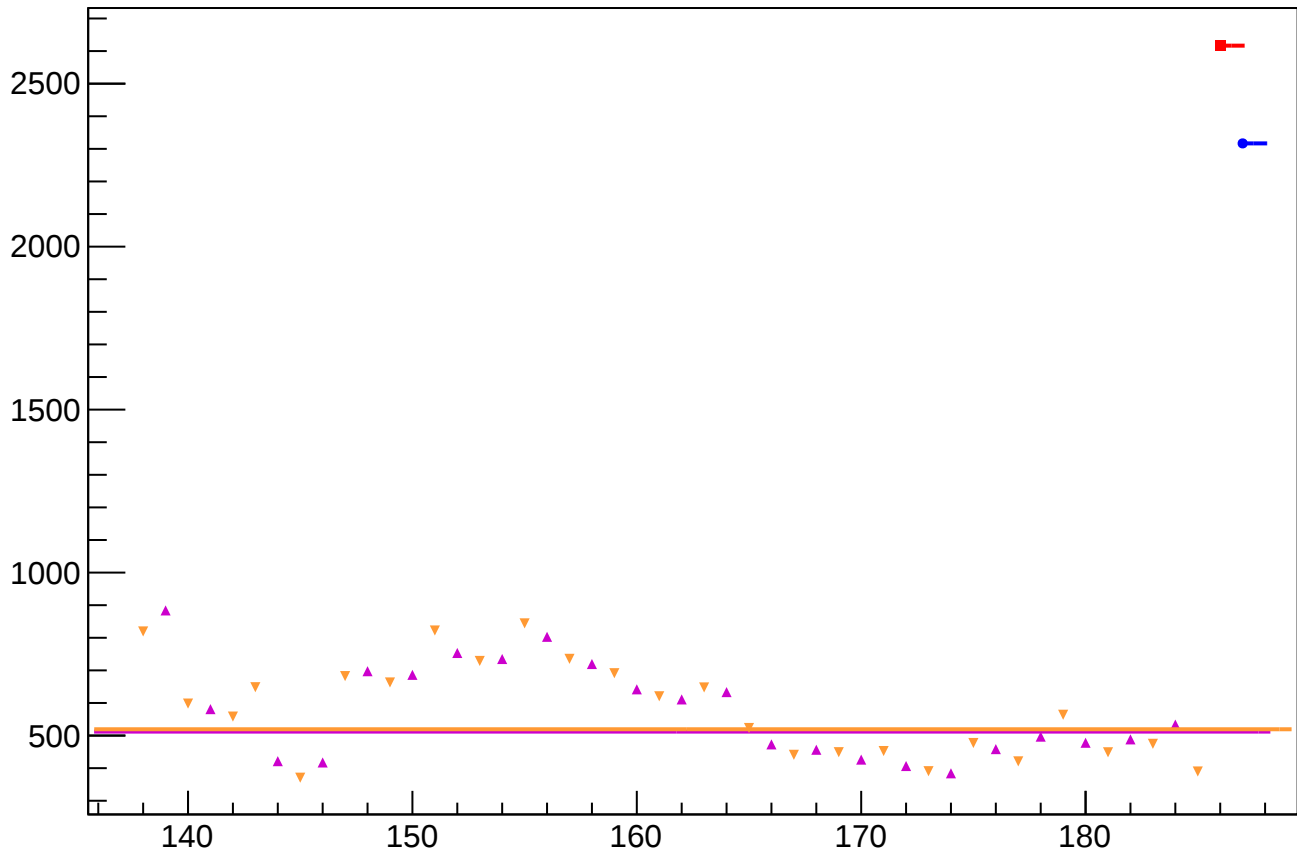
Left In: -41.212+/-125.719 χ^2/NDF : 26.1/22

+ sign -568.653+/-125.077 χ^2/NDF : 65.6/25

All: -304.681+/-88.650 χ^2/NDF : 101.3/49

- sign -38.222+/-125.665 χ^2/NDF : 26.7/23

asym_sam_37_avg_correction_rms vs Slug



Right In: 2316.763+/-4.215 χ^2/NDF : 0.0/0

Left Out: 519.337+/-0.088 χ^2/NDF : 2104194.2/24

Right Out: 2616.630+/-3.015 χ^2/NDF : 0.0/0

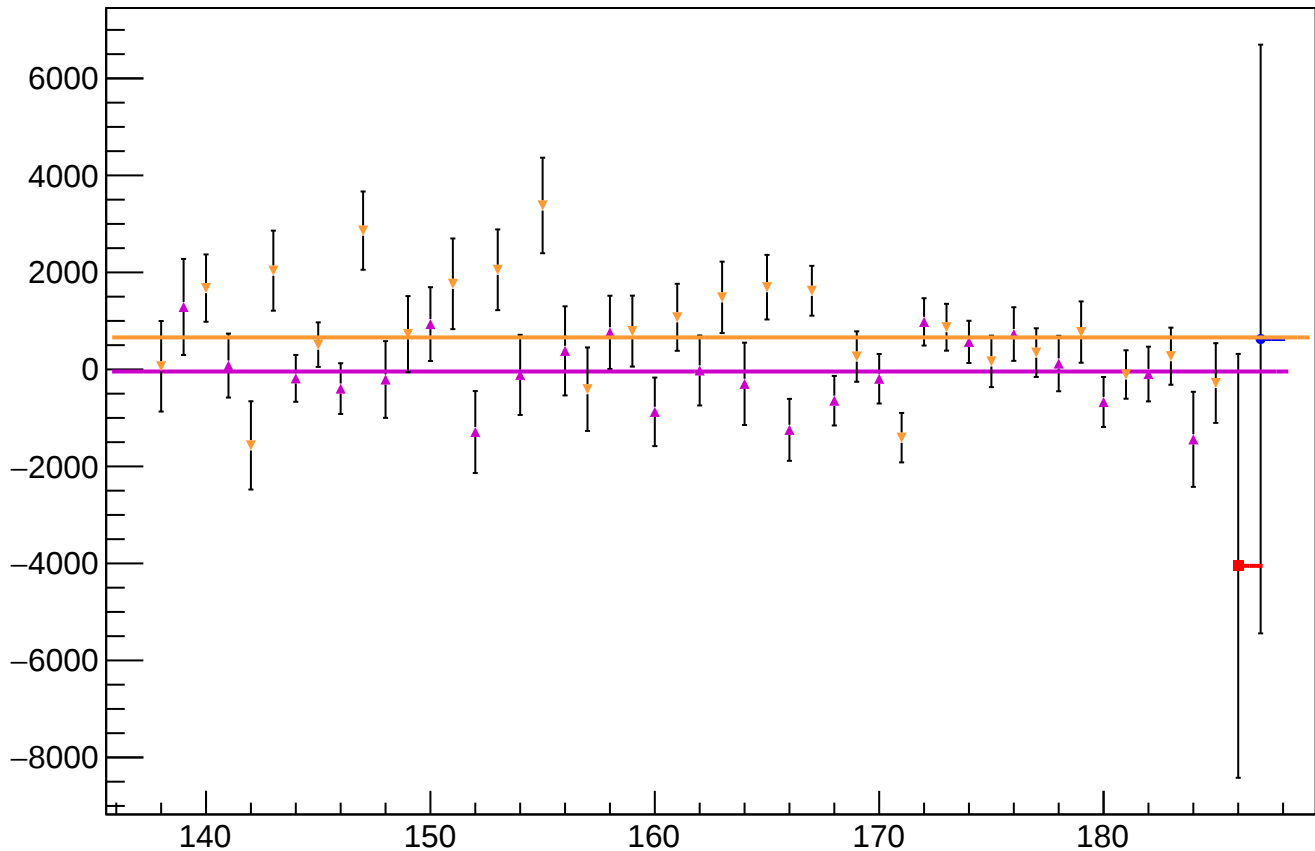
Left In: 512.163+/-0.089 χ^2/NDF : 1921516.3/22

+ sign 520.128+/-0.088 χ^2/NDF : 2285929.1/25

All: 517.074+/-0.063 χ^2/NDF : 4696578.5/49

- sign 513.991+/-0.089 χ^2/NDF : 2408253.5/23

asym_sam_37_avg_mean vs Slug



Right In: 626.605 $\pm$ 6068.801 χ^2 /NDF: 0.0/0

Left Out: 659.523 $\pm$ 128.164 χ^2 /NDF: 62.4/24

Right Out: -4049.889 $\pm$ 4370.005 χ^2 /NDF: 0.0/0

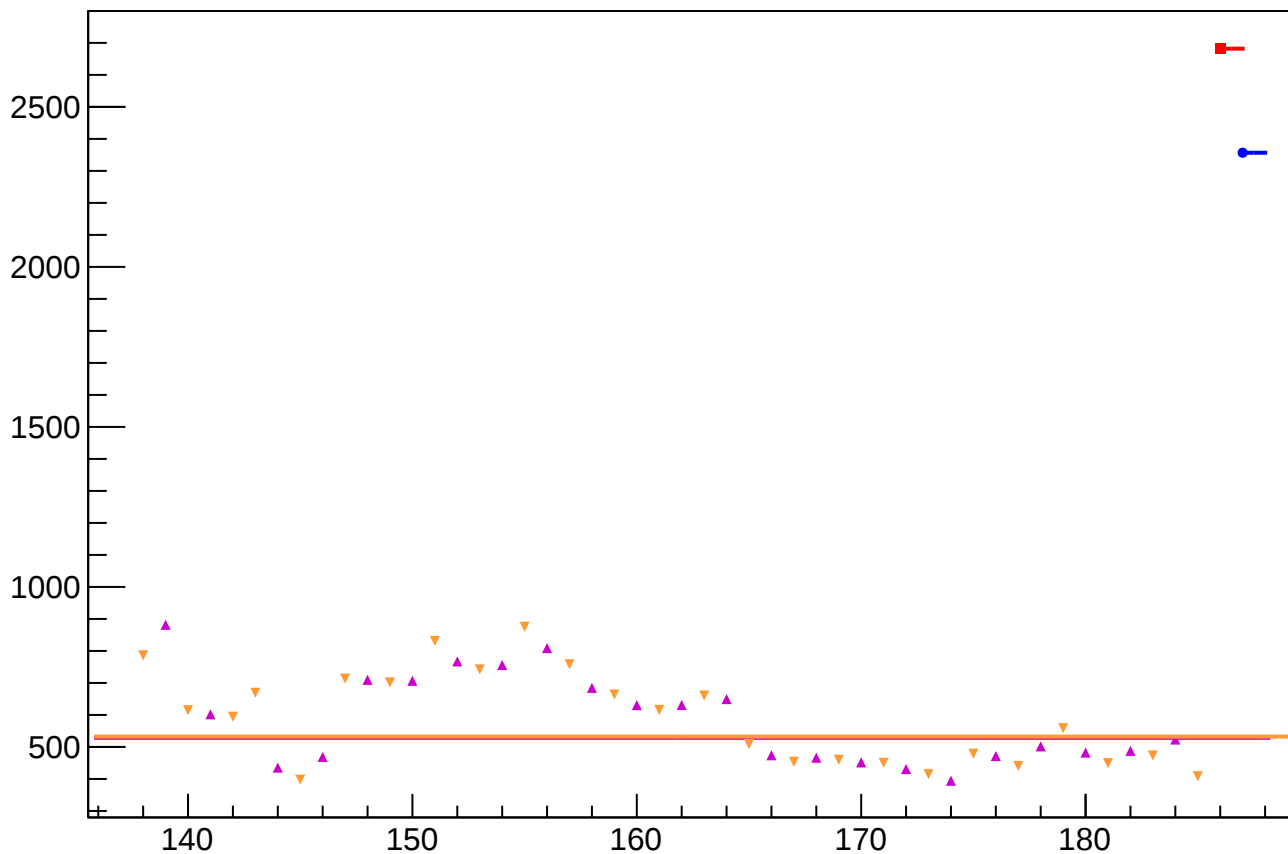
Left In: -43.183 $\pm$ 129.538 χ^2 /NDF: 26.0/22

+ sign 659.508 $\pm$ 128.136 χ^2 /NDF: 62.4/25

All: 310.092 $\pm$ 91.078 χ^2 /NDF: 104.3/49

- sign -46.700 $\pm$ 129.481 χ^2 /NDF: 26.9/23

asym_sam_37_avg_rms vs Slug



Right In: 2356.743 $\pm$ 4.291 χ^2 /NDF: 0.0/0

Left Out: 532.393 $\pm$ 0.091 χ^2 /NDF:1943066.8/24

Right Out: 2681.937 $\pm$ 3.090 χ^2 /NDF: 0.0/0

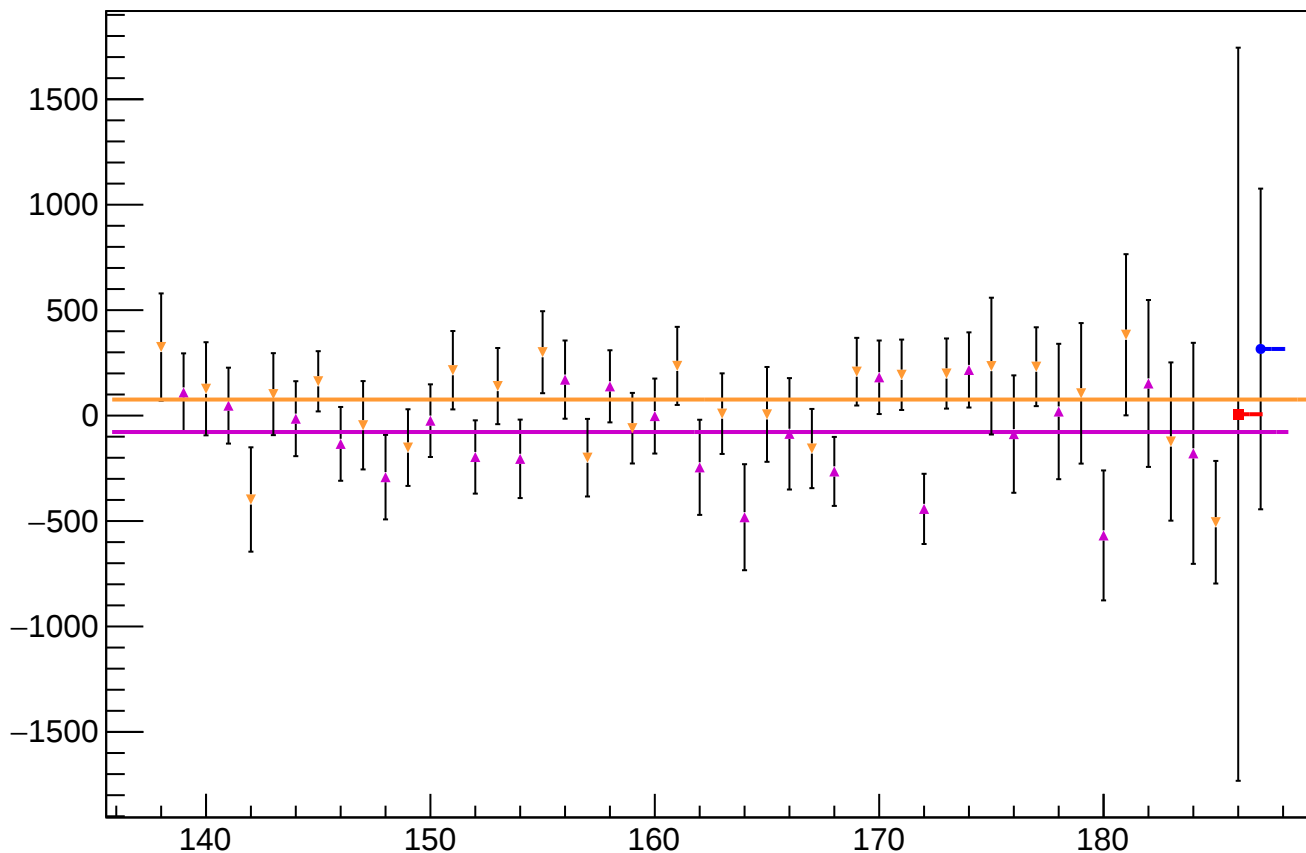
Left In: 528.464 $\pm$ 0.092 χ^2 /NDF:1712049.5/22

+ sign 533.206 $\pm$ 0.091 χ^2 /NDF: 2123720.6/25

All: 531.795 $\pm$ 0.064 χ^2 /NDF: 4321507.8/49

- sign 530.355 $\pm$ 0.092 χ^2 /NDF: 2197297.4/23

dit_asym_sam_48_avg_mean vs Slug



Right In: 315.936 $\pm$ 760.298 χ^2 /NDF: 0.0/0

Left Out: 76.100 $\pm$ 40.137 χ^2 /NDF:22.0/24

Right Out: 6.417 $\pm$ 1738.174 χ^2 /NDF: 0.0/0

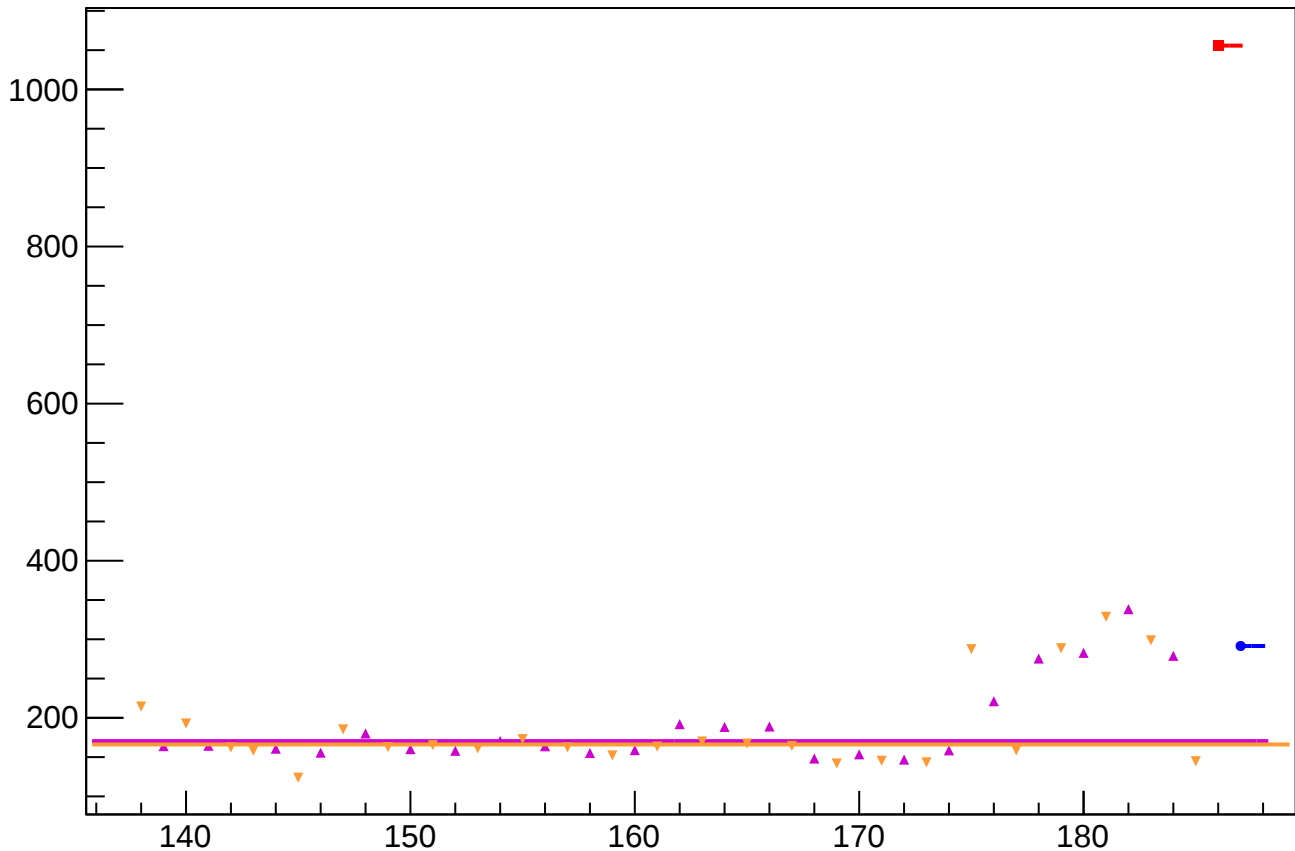
Left In: -77.905 $\pm$ 41.864 χ^2 /NDF:24.7/22

+ sign 76.767 $\pm$ 40.081 χ^2 /NDF: 22.1/25

All: 2.794 $\pm$ 28.947 χ^2 /NDF: 53.9/49

- sign -77.856 $\pm$ 41.851 χ^2 /NDF: 24.7/23

dit_asym_sam_48_avg_rms vs Slug



Right In: 291.429+/-0.538 χ^2/NDF : 0.0/0

Left Out: 166.106+/-0.028 χ^2/NDF : 1608449.8/24

Right Out: 1055.752+/-1.229 χ^2/NDF : 0.0/0

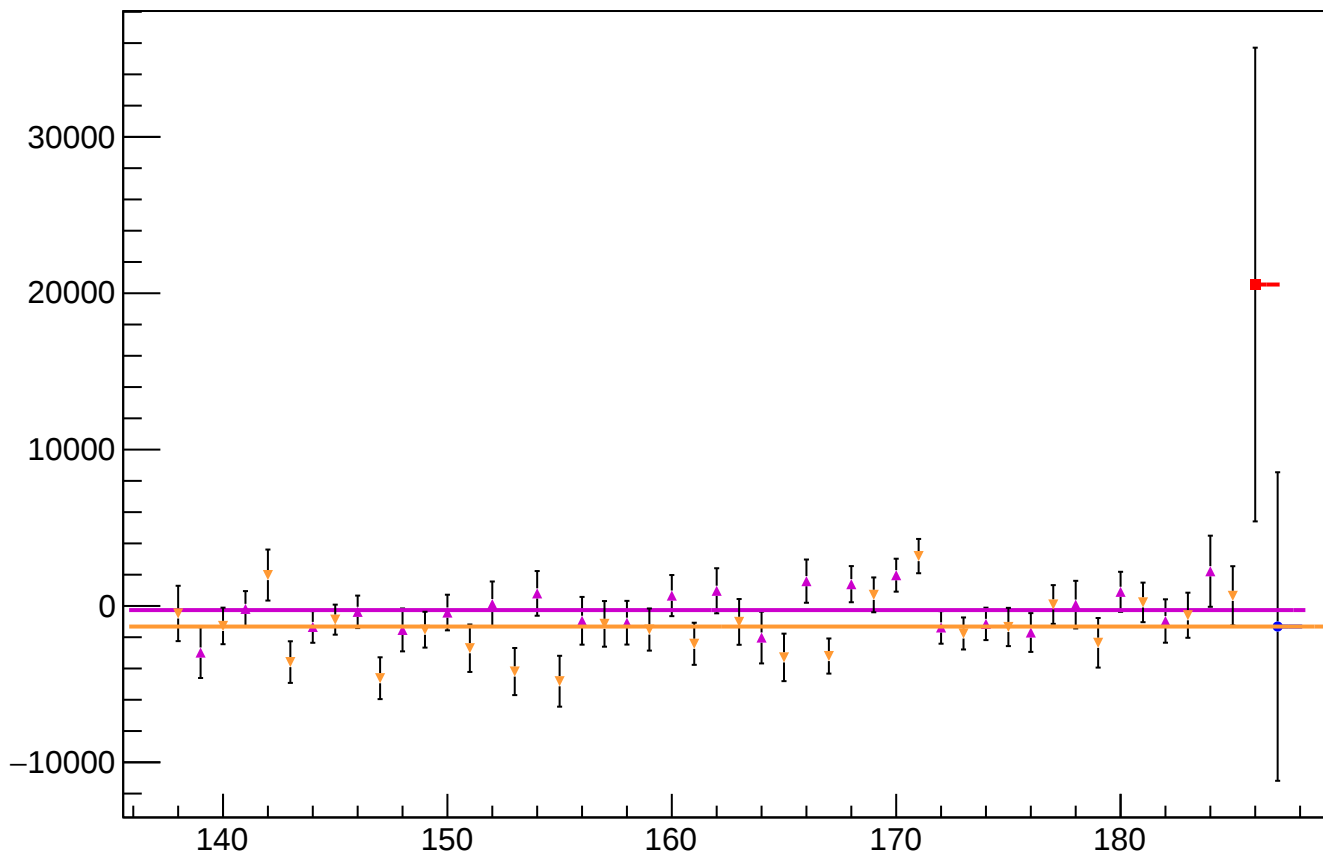
Left In: 170.340+/-0.030 χ^2/NDF : 1208577.3/22

+ sign 166.454+/-0.028 χ^2/NDF : 1662639.3/25

All: 168.558+/-0.020 χ^2/NDF : 3401402.9/49

- sign 170.853+/-0.030 χ^2/NDF : 1727237.6/23

asym_sam_48_avg_correction_mean vs Slug



Right In: -1315.687 ± 9867.219 χ^2/NDF : 0.0/0

Left Out: -1317.466 ± 261.671 χ^2/NDF : 52.8/24

Right Out: 20557.711 ± 15149.527 χ^2/NDF : 0.0/0

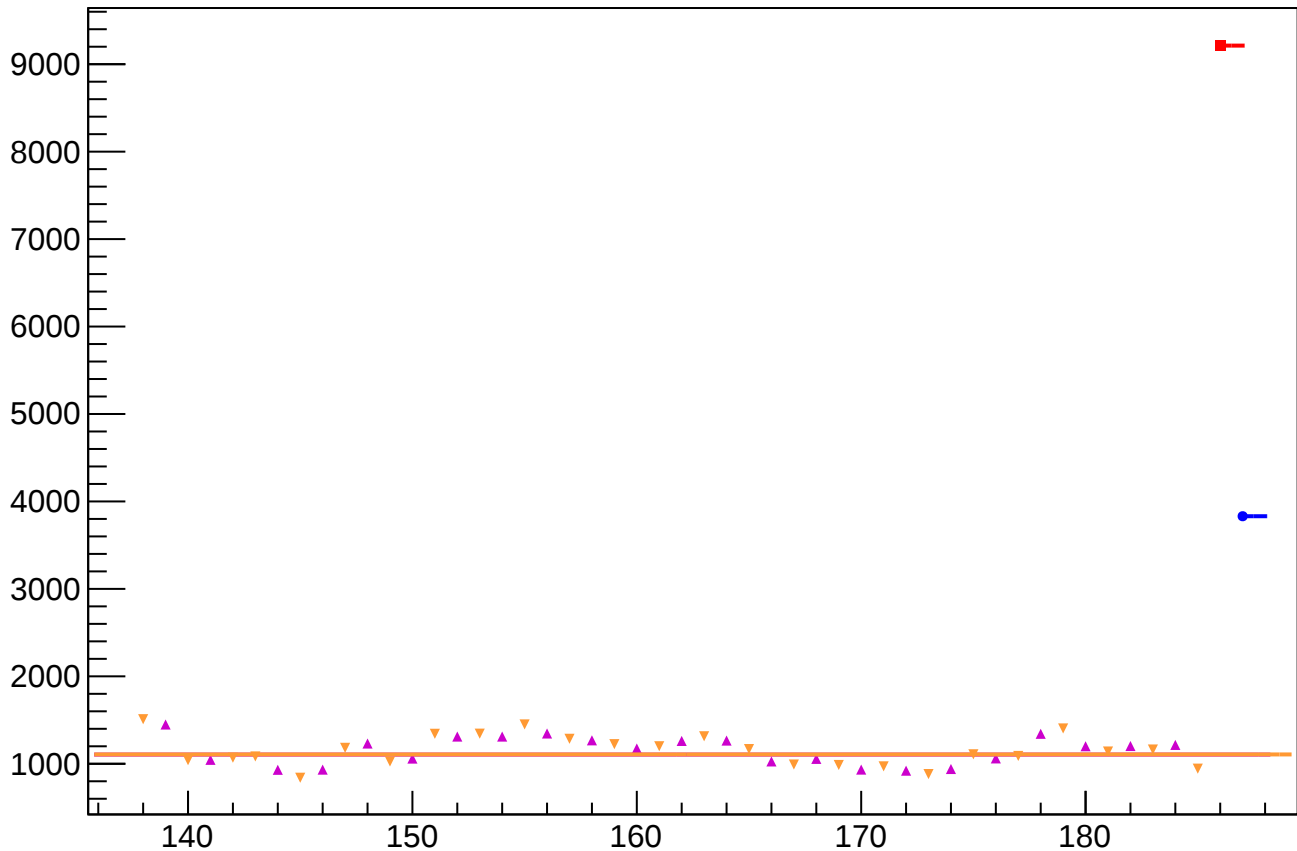
Left In: -264.475 ± 266.184 χ^2/NDF : 22.2/22

+ sign -1317.465 ± 261.579 χ^2/NDF : 52.8/25

All: -796.918 ± 186.557 χ^2/NDF : 85.0/49

- sign -258.049 ± 266.143 χ^2/NDF : 24.1/23

asym_sam_48_avg_correction_rms vs Slug



Right In: 3830.932+/-6.977 χ^2/NDF : 0.0/0

Left Out: 1106.854+/-0.185 χ^2/NDF : 828472.5/24

Right Out: 9212.670+/-10.712 χ^2/NDF : 0.0/0

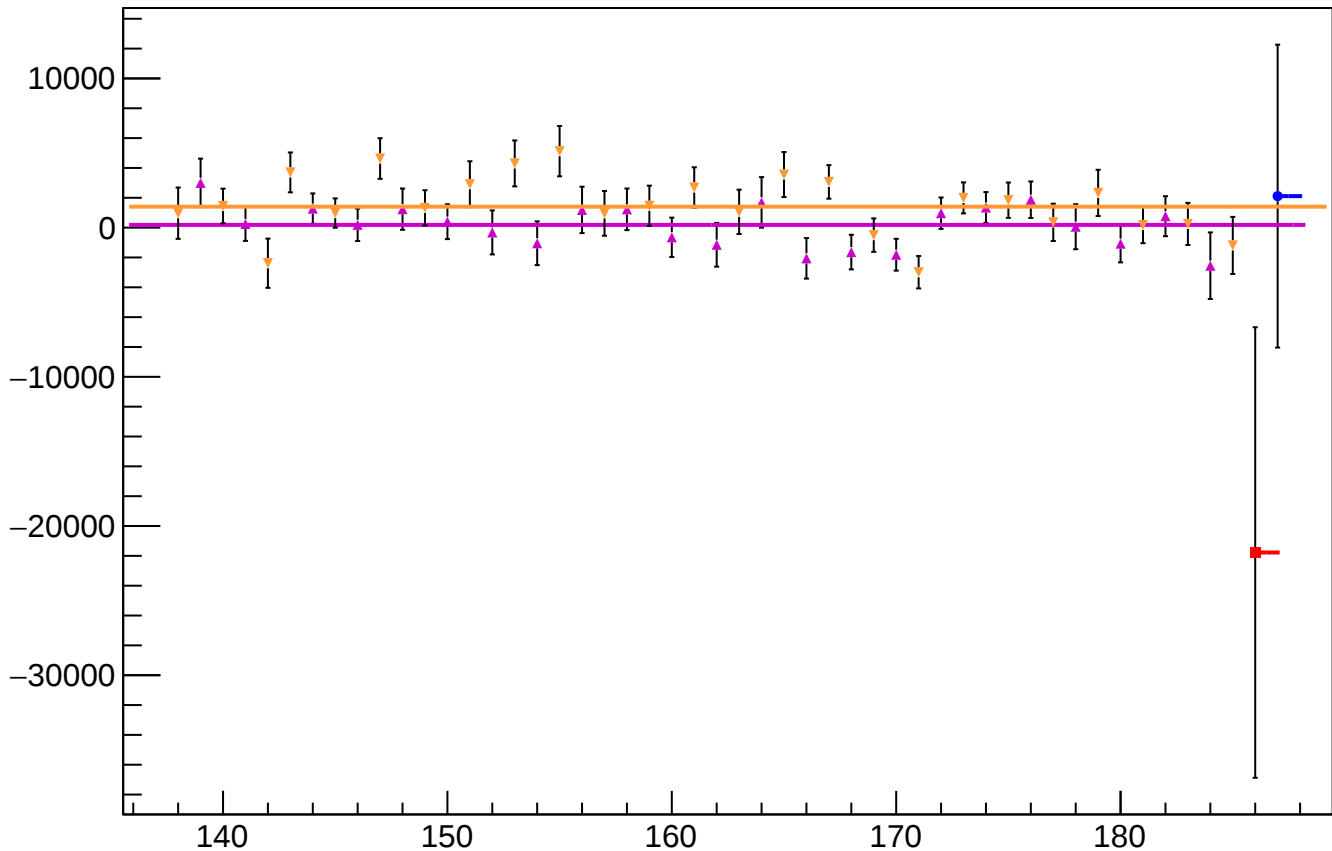
Left In: 1104.996+/-0.188 χ^2/NDF : 689175.9/22

+ sign 1108.769+/-0.185 χ^2/NDF : 980798.6/25

All: 1108.145+/-0.132 χ^2/NDF : 2242649.1/49

- sign 1107.499+/-0.188 χ^2/NDF : 1261827.3/23

asym_sam_48_avg_mean vs Slug



Right In: 2111.622 $\pm$ 10151.201 χ^2 /NDF: 0.0/0

Left Out: 1404.763 $\pm$ 262.517 χ^2 /NDF: 53.1/24

Right Out: -21775.967 $\pm$ 15099.885 χ^2 /NDF: 0.0/0

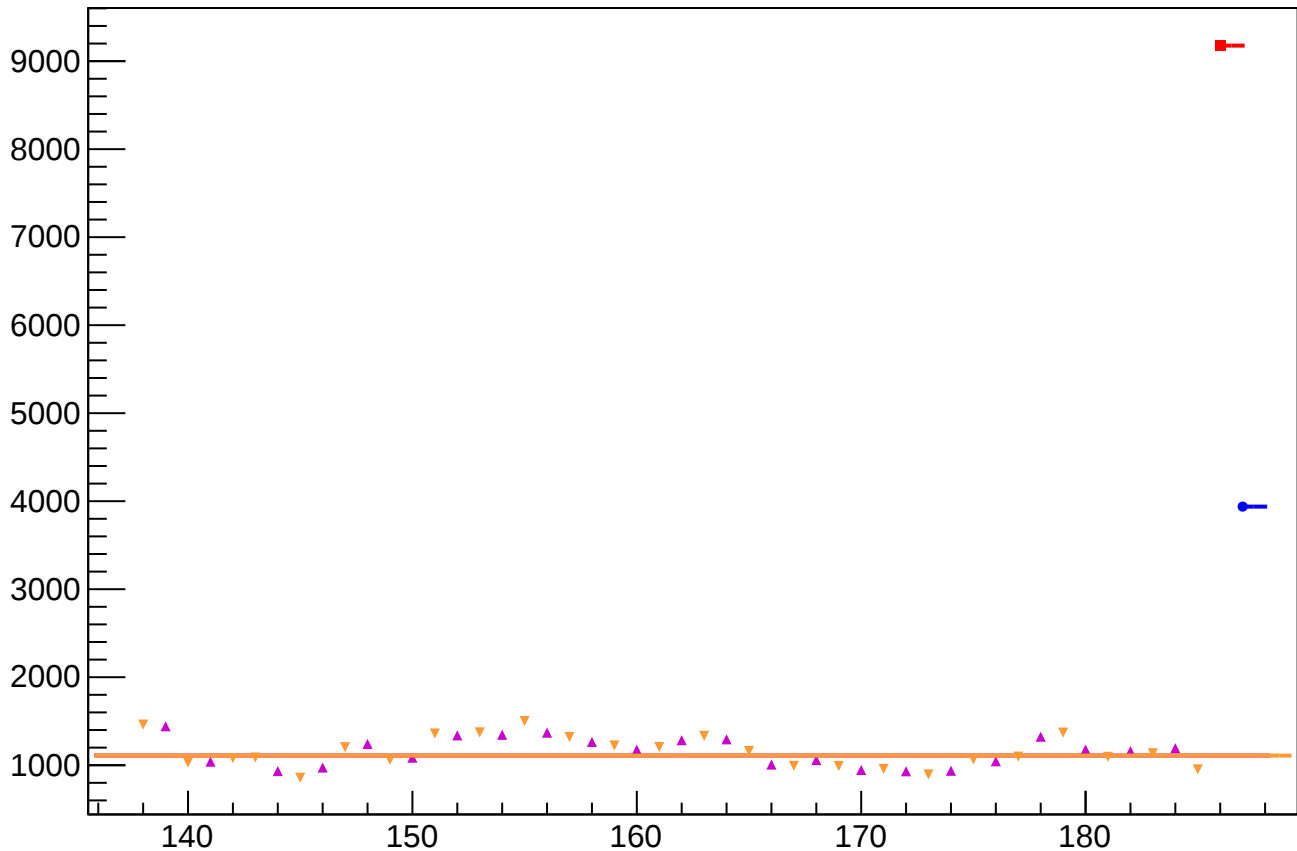
Left In: 183.249 $\pm$ 267.620 χ^2 /NDF: 23.7/22

+ sign 1405.235 $\pm$ 262.429 χ^2 /NDF: 53.1/25

All: 802.731 $\pm$ 187.359 χ^2 /NDF: 89.7/49

- sign 176.353 $\pm$ 267.578 χ^2 /NDF: 25.8/23

asym_sam_48_avg_rms vs Slug



Right In: 3938.513+/-7.178 χ^2/NDF : 0.0/0

Left Out: 1109.574+/-0.186 χ^2/NDF : 812957.8/24

Right Out: 9176.590+/-10.677 χ^2/NDF : 0.0/0

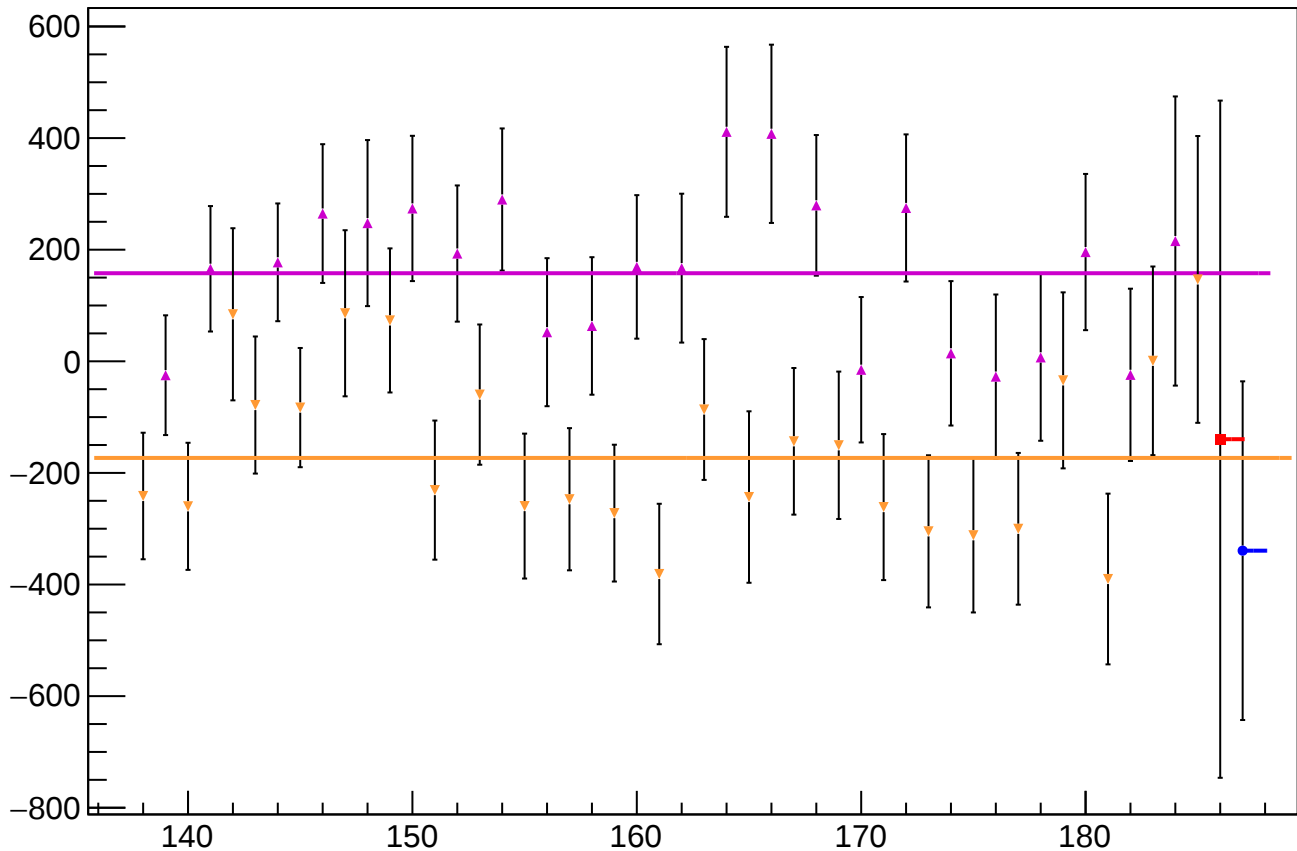
Left In: 1110.162+/-0.189 χ^2/NDF : 673229.2/22

+ sign 1111.465+/-0.186 χ^2/NDF : 968179.3/25

All: 1112.068+/-0.132 χ^2/NDF : 2212000.0/49

- sign 1112.695+/-0.189 χ^2/NDF : 1243799.1/23

dit_asym_sam_15_dd_mean vs Slug



Right In: -339.346 ± 303.448 χ^2/NDF : 0.0/0

Left Out: -173.150 ± 26.664 χ^2/NDF : 26.3/24

Right Out: -139.582 ± 606.761 χ^2/NDF : 0.0/0

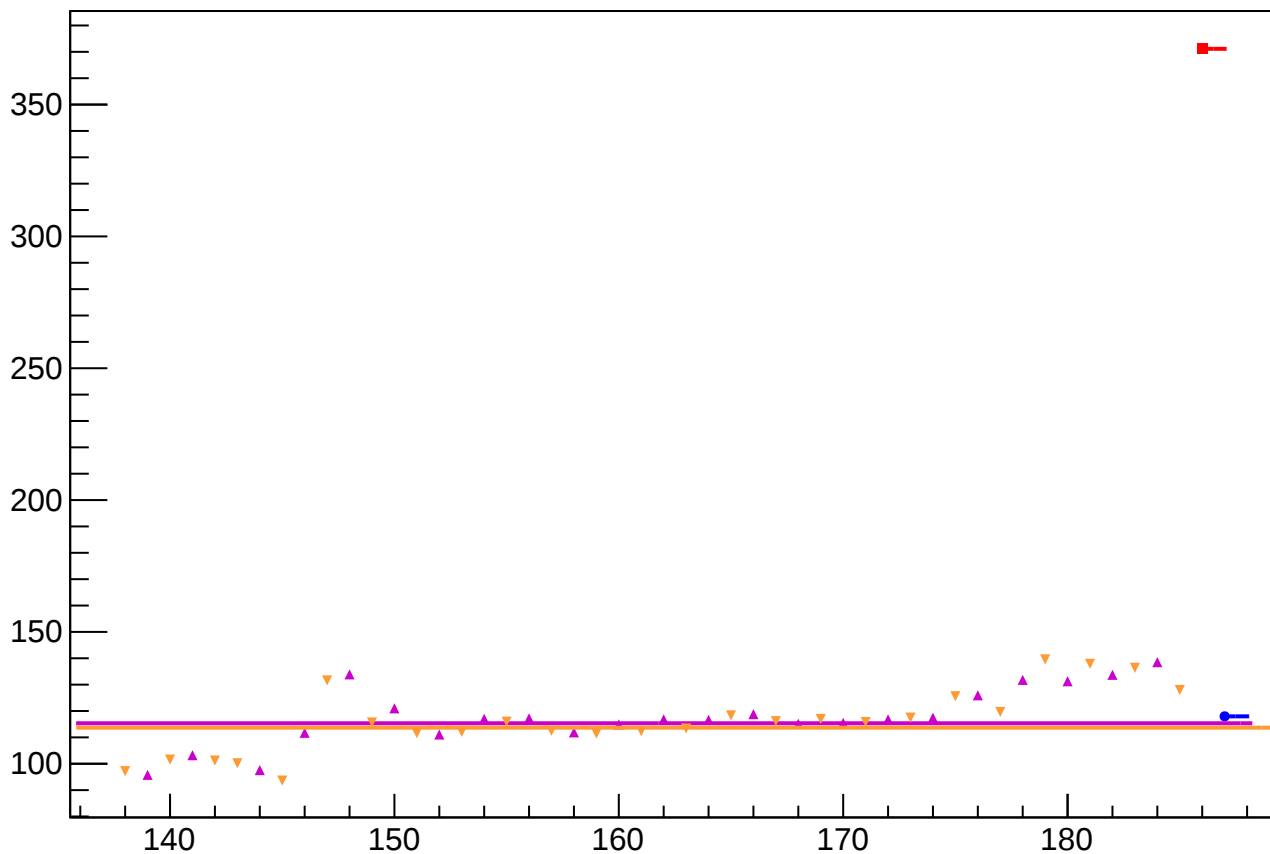
Left In: 157.835 ± 27.594 χ^2/NDF : 21.3/22

+ sign -174.423 ± 26.562 χ^2/NDF : 26.6/25

All: -14.751 ± 19.127 χ^2/NDF : 123.2/49

- sign 157.221 ± 27.566 χ^2/NDF : 21.5/23

dit_asym_sam_15_dd_rms vs Slug



Right In: 117.974 $\pm$ 0.215 χ^2 /NDF: 0.0/0

Left Out: 113.682 $\pm$ 0.019 χ^2 /NDF: 375687.9/24

Right Out: 371.152 $\pm$ 0.429 χ^2 /NDF: 0.0/0

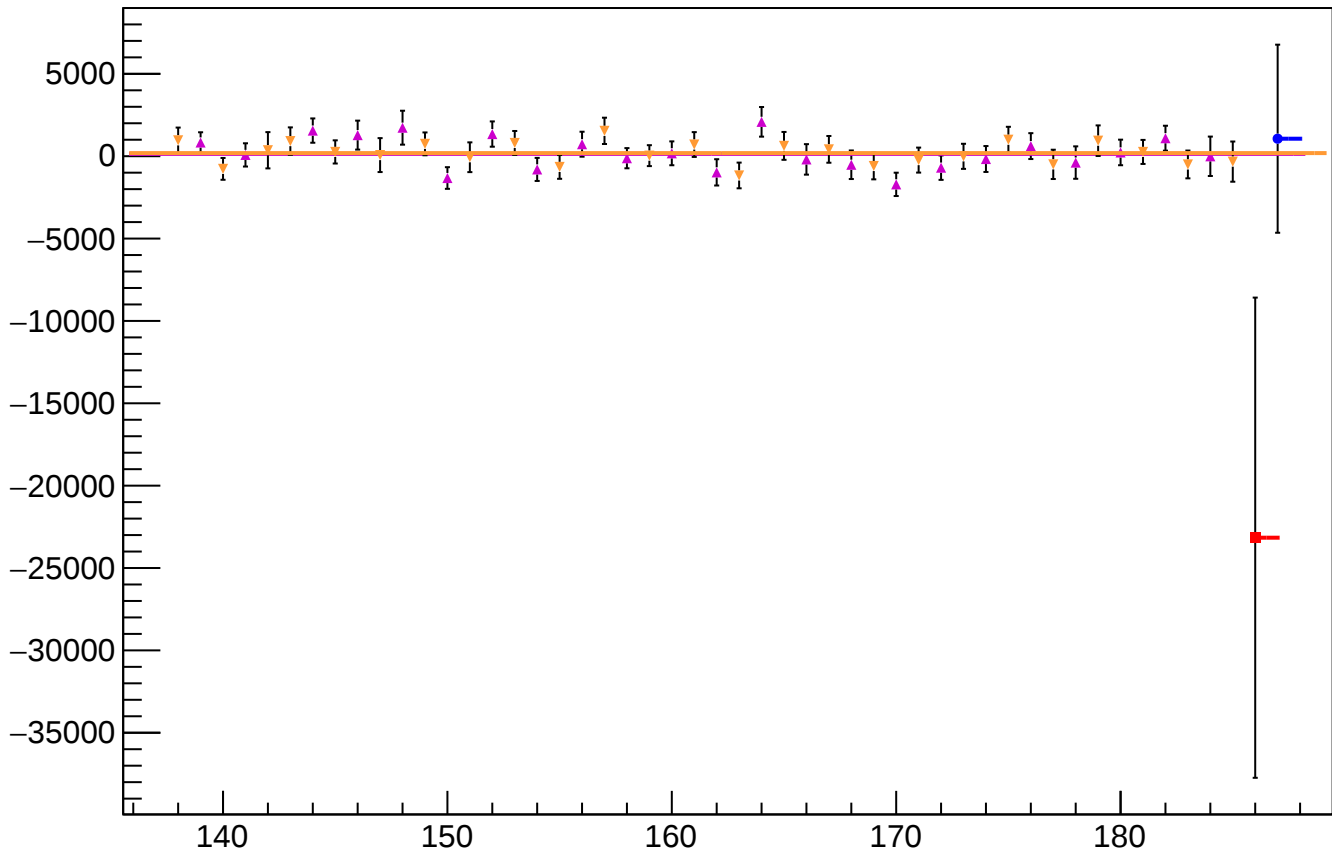
Left In: 115.353 $\pm$ 0.020 χ^2 /NDF: 294694.0/22

+ sign 113.715 $\pm$ 0.019 χ^2 /NDF: 376084.9/25

All: 114.757 $\pm$ 0.014 χ^2 /NDF: 1031910.5/49

- sign 115.880 $\pm$ 0.019 χ^2 /NDF: 649423.6/23

asym_sam_15_dd_correction_mean vs Slug



Right In: 1061.581 $\pm$ 5709.116 χ^2 /NDF: 0.0/0

Left Out: 188.393 $\pm$ 158.788 χ^2 /NDF: 18.0/24

Right Out: -23159.505 $\pm$ 14575.804 χ^2 /NDF: 0.0/0

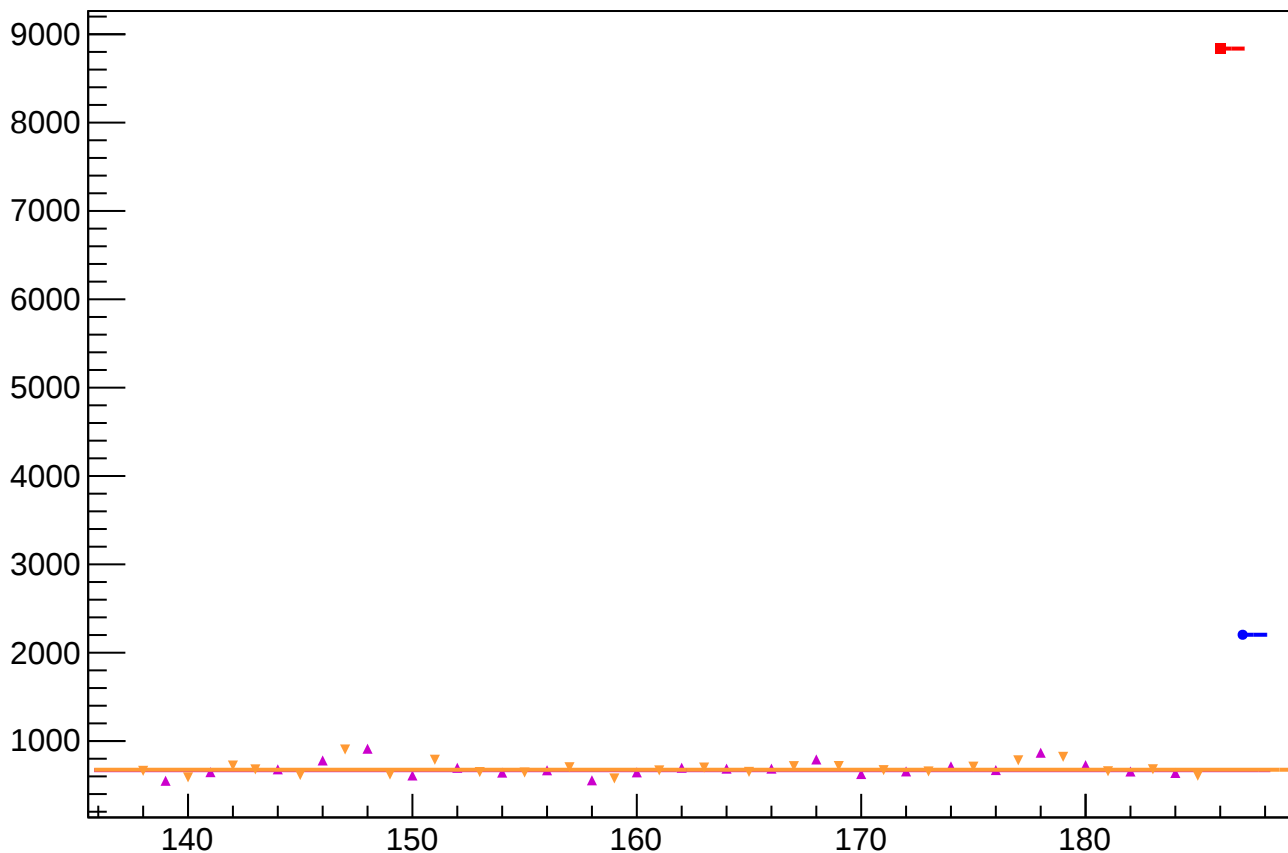
Left In: 139.664 $\pm$ 161.085 χ^2 /NDF: 36.9/22

+ sign 189.068 $\pm$ 158.727 χ^2 /NDF: 18.0/25

All: 163.327 $\pm$ 113.058 χ^2 /NDF: 57.5/49

- sign 136.819 $\pm$ 161.076 χ^2 /NDF: 39.4/23

asym_sam_15_dd_correction_rms vs Slug



Right In: 2203.145 $\pm$ 4.037 χ^2 /NDF: 0.0/0

Left Out: 675.310 $\pm$ 0.112 χ^2 /NDF: 357103.6/24

Right Out: 8837.843 $\pm$ 10.307 χ^2 /NDF: 0.0/0

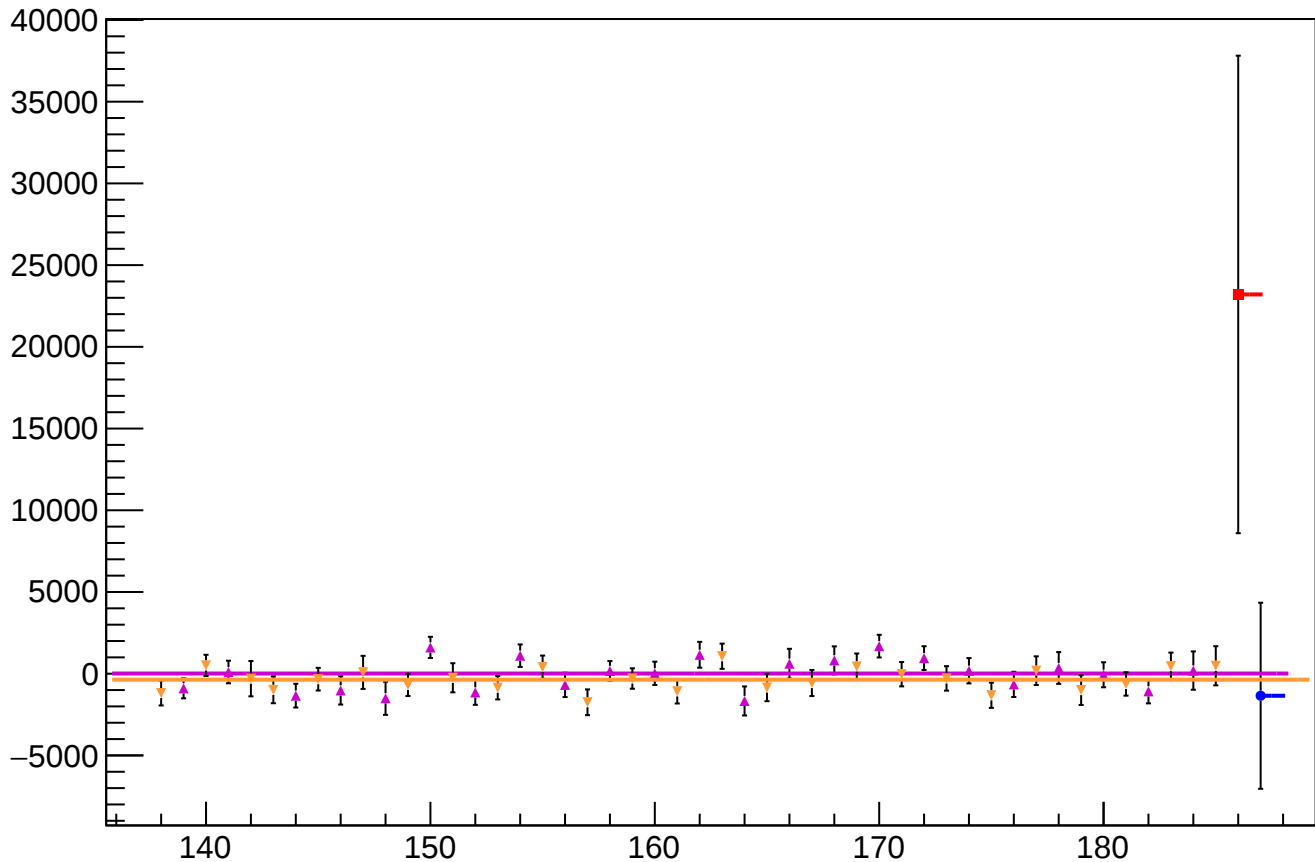
Left In: 670.186 $\pm$ 0.114 χ^2 /NDF: 465026.7/22

+ sign 676.491 $\pm$ 0.112 χ^2 /NDF: 500226.5/25

All: 673.876 $\pm$ 0.080 χ^2 /NDF: 1594278.3/49

- sign 671.184 $\pm$ 0.114 χ^2 /NDF: 1092950.3/23

asym_sam_15_dd_mean vs Slug



Right In: -1349.629 ± 5692.387 χ^2/NDF : 0.0/0

Left Out: -365.394 ± 156.301 χ^2/NDF : 18.7/24

Right Out: 23206.426 ± 14608.895 χ^2/NDF : 0.0/0

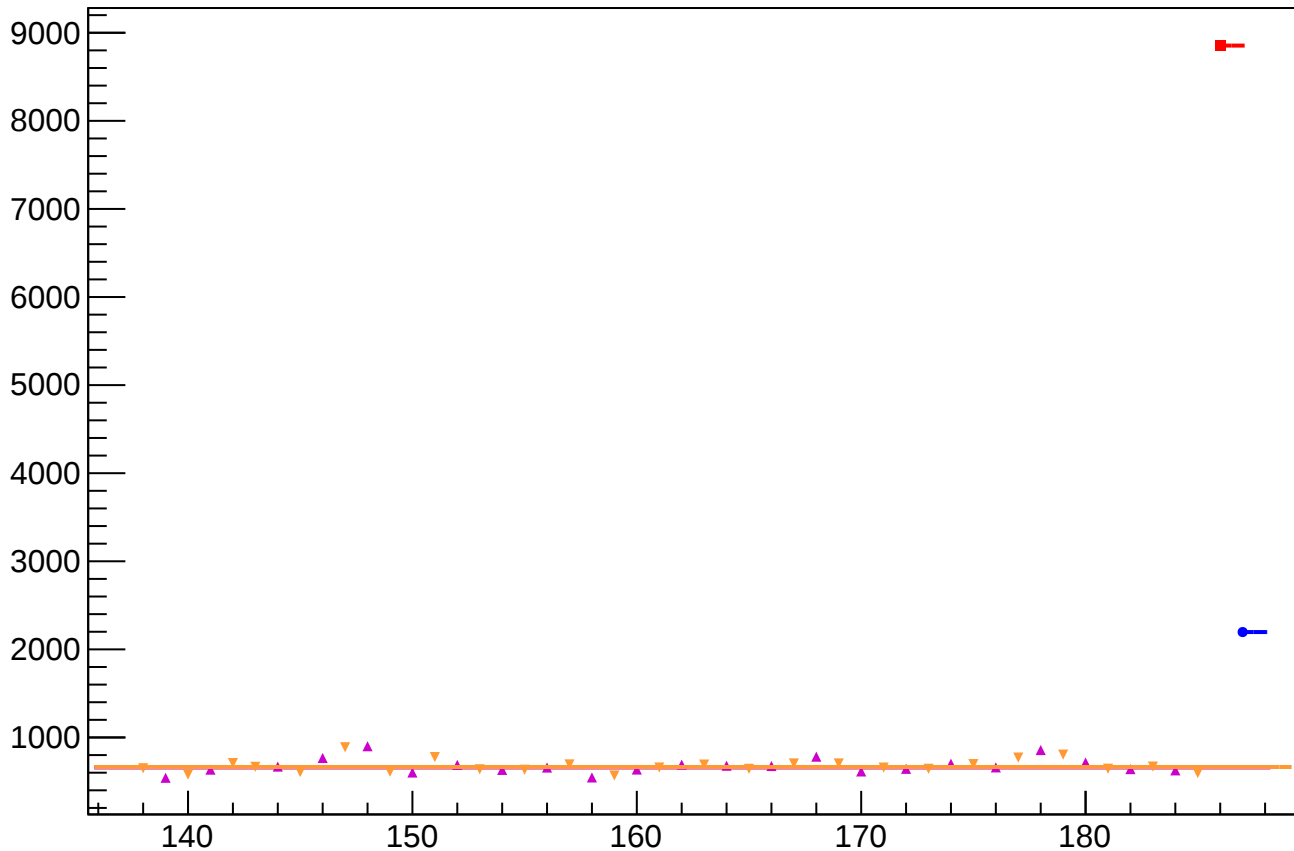
Left In: 11.243 ± 158.497 χ^2/NDF : 38.8/22

+ sign -366.135 ± 156.242 χ^2/NDF : 18.8/25

All: -178.793 ± 111.265 χ^2/NDF : 63.0/49

- sign 13.973 ± 158.488 χ^2/NDF : 41.3/23

asym_sam_15_dd_rms vs Slug



Right In: 2196.584 $\pm$ 4.025 χ^2 /NDF: 0.0/0

Left Out: 664.618 $\pm$ 0.111 χ^2 /NDF: 356964.3/24

Right Out: 8854.443 $\pm$ 10.330 χ^2 /NDF: 0.0/0

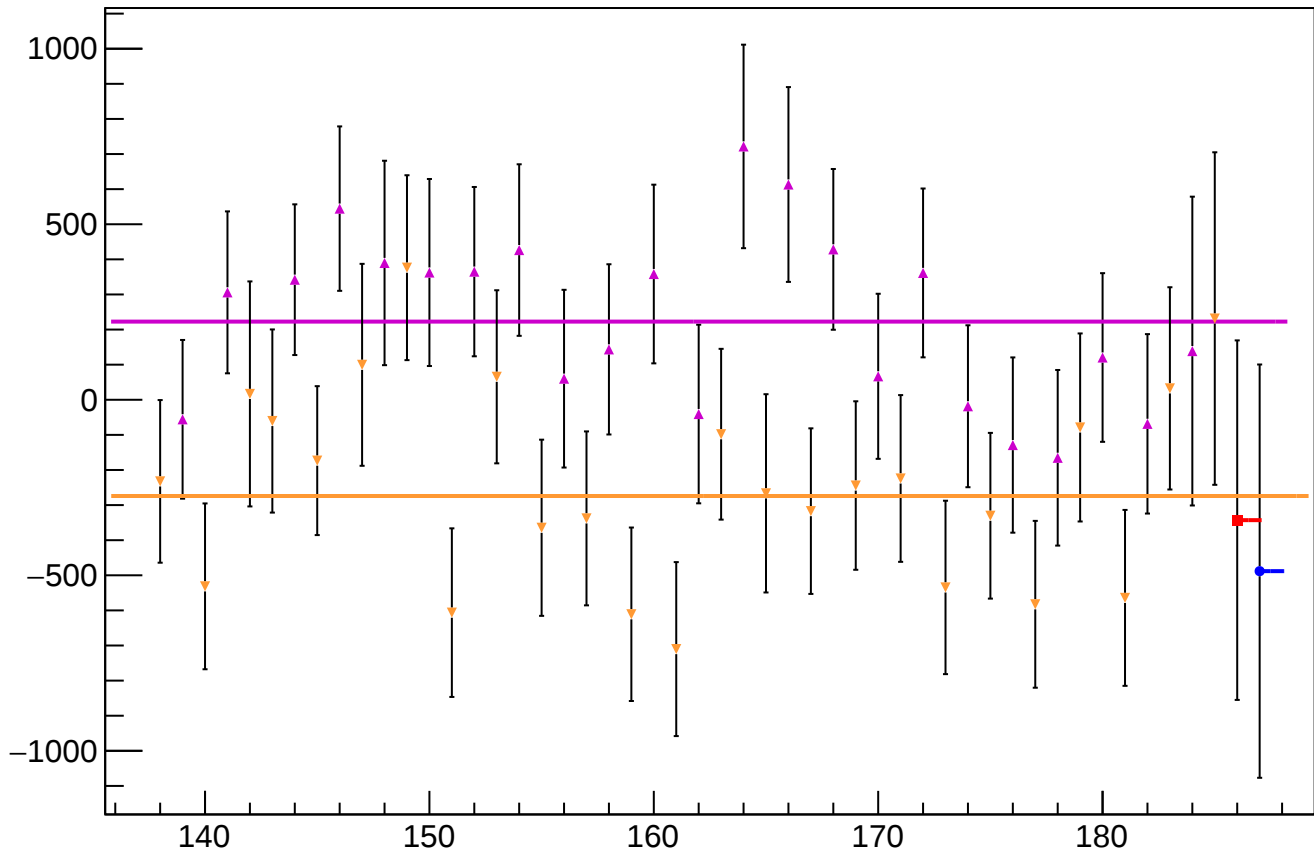
Left In: 659.230 $\pm$ 0.112 χ^2 /NDF: 472744.9/22

+ sign 665.772 $\pm$ 0.110 χ^2 /NDF: 501712.2/25

All: 663.023 $\pm$ 0.079 χ^2 /NDF: 1605023.4/49

- sign 660.194 $\pm$ 0.112 χ^2 /NDF: 1102054.9/23

dit_asym_sam_26_dd_mean vs Slug



Right In: -488.176+/-588.672 χ^2/NDF : 0.0/0

Left Out: -274.118+/-50.683 χ^2/NDF : 27.3/24

Right Out: -342.907+/-512.069 χ^2/NDF : 0.0/0

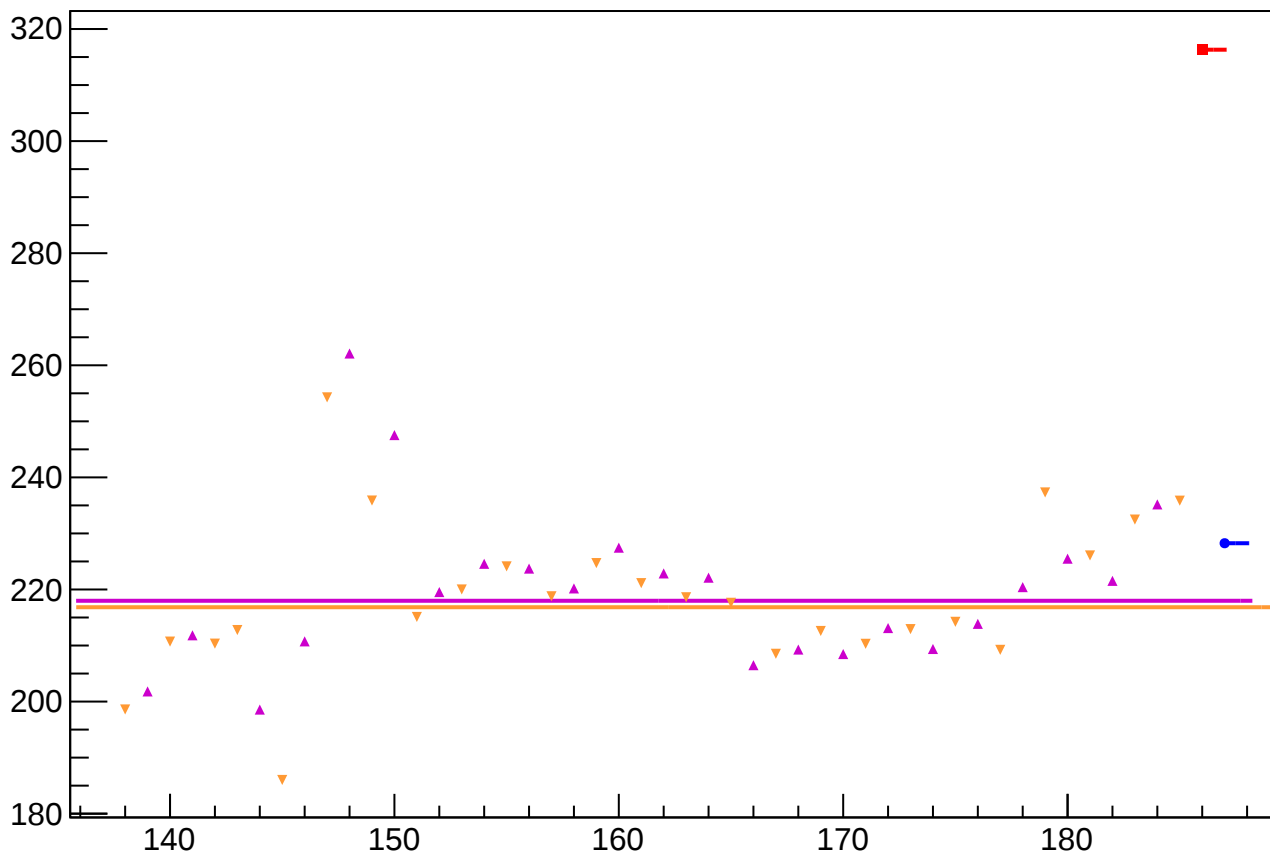
Left In: 222.676+/-52.013 χ^2/NDF : 20.9/22

+ sign -275.693+/-50.496 χ^2/NDF : 27.4/25

All: -35.424+/-36.140 χ^2/NDF : 96.0/49

- sign 216.900+/-51.747 χ^2/NDF : 22.1/23

dit_asym_sam_26_dd_rms vs Slug



Right In: 228.251 $\pm$ 0.416 χ^2 /NDF: 0.0/0

Left Out: 216.832 $\pm$ 0.036 χ^2 /NDF:137568.7/24

Right Out: 316.309 $\pm$ 0.362 χ^2 /NDF: 0.0/0

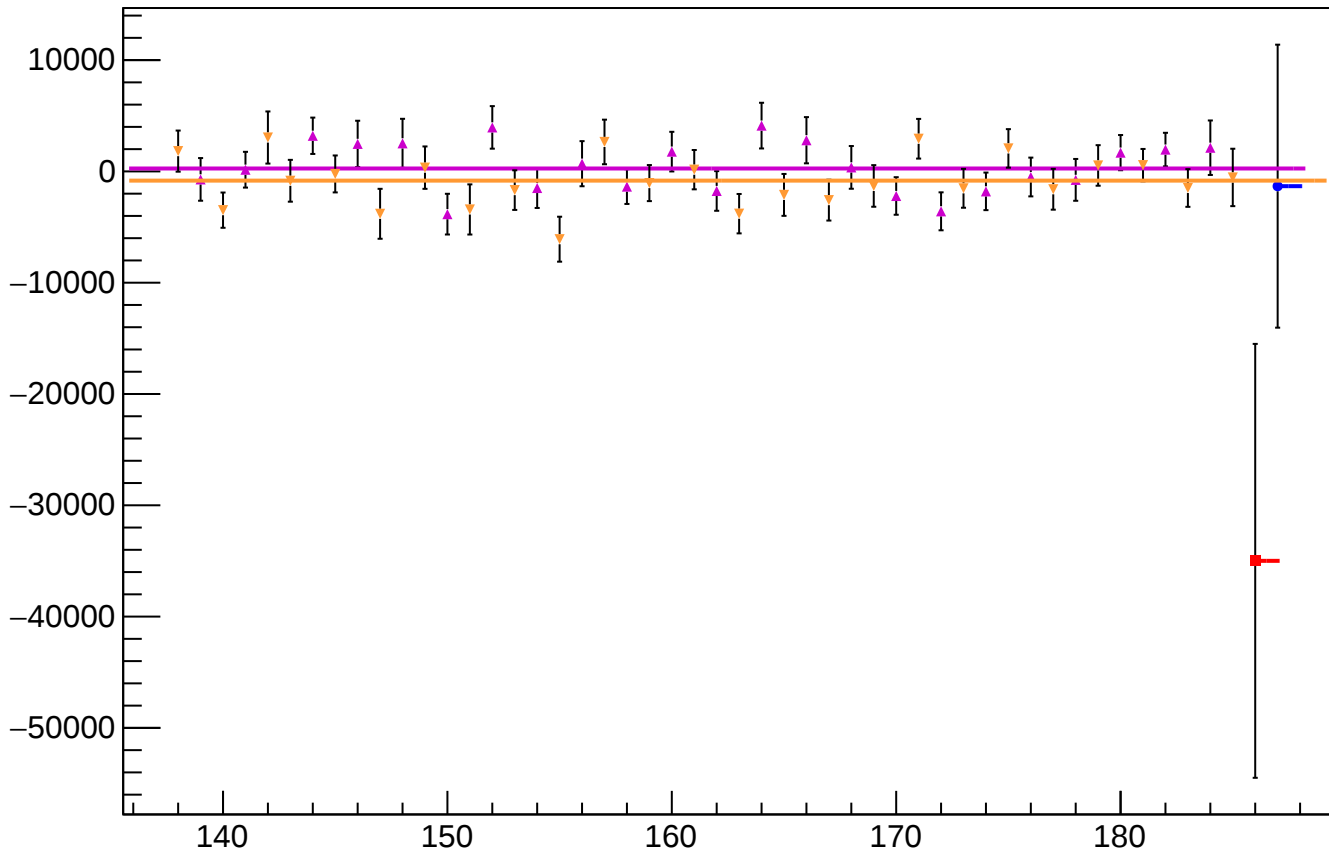
Left In: 217.985 $\pm$ 0.037 χ^2 /NDF:126459.7/22

+ sign 216.916 $\pm$ 0.036 χ^2 /NDF: 138315.7/25

All: 217.927 $\pm$ 0.026 χ^2 /NDF: 339404.0/49

- sign 218.989 $\pm$ 0.037 χ^2 /NDF: 199444.6/23

asym_sam_26_dd_correction_mean vs Slug



Right In: -1326.685 ± 12713.798 χ^2/NDF : 0.0/0

Left Out: -827.624 ± 366.769 χ^2/NDF : 35.0/24

Right Out: -34991.724 ± 19493.172 χ^2/NDF : 0.0/0

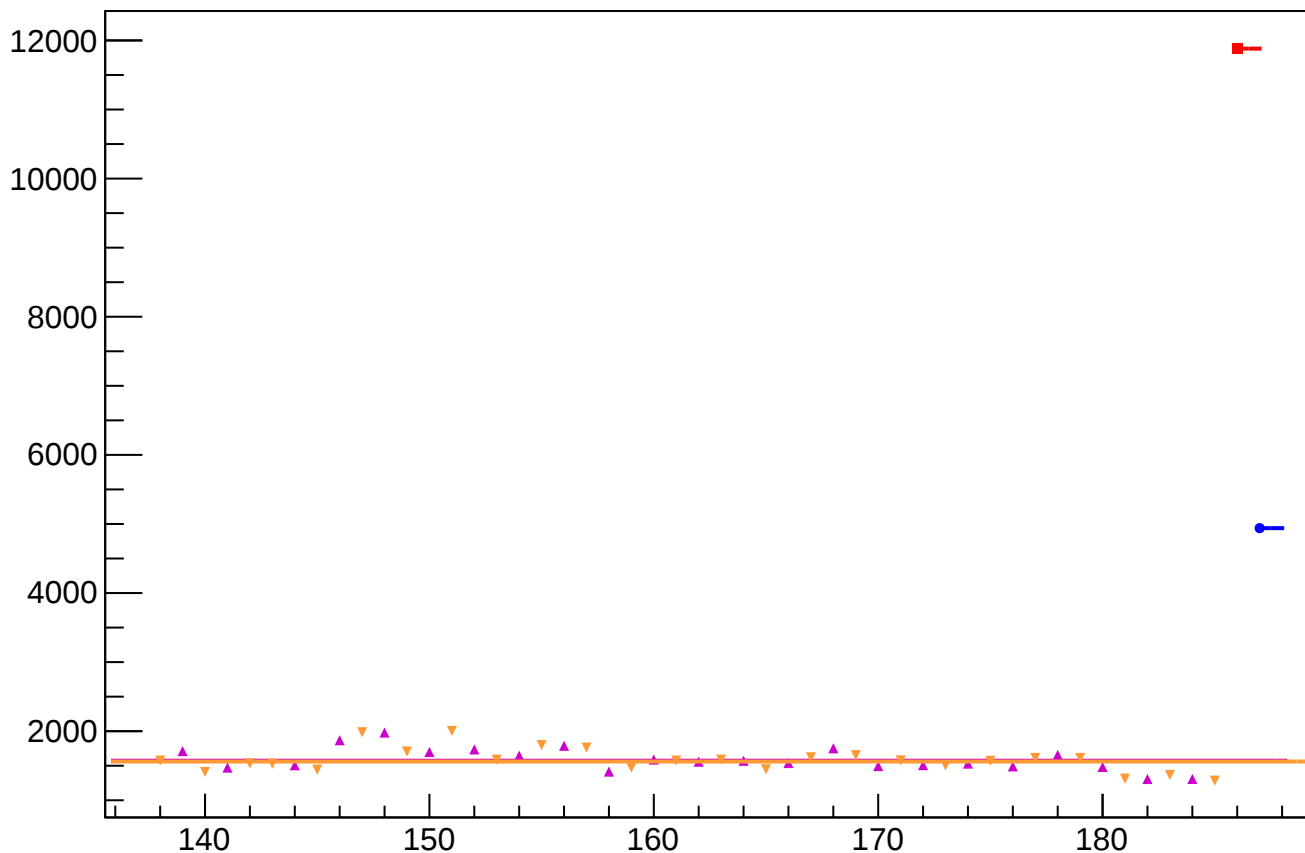
Left In: 261.143 ± 376.738 χ^2/NDF : 35.4/22

+ sign -828.039 ± 366.617 χ^2/NDF : 35.0/25

All: -304.577 ± 262.718 χ^2/NDF : 77.9/49

- sign 247.980 ± 376.667 χ^2/NDF : 38.7/23

asym_sam_26_dd_correction_rms vs Slug



Right In: 4939.547 $\pm$ 8.990 χ^2 /NDF: 0.0/0

Left Out: 1561.091 $\pm$ 0.259 χ^2 /NDF: 371797.9/24

Right Out: 11881.453 $\pm$ 13.784 χ^2 /NDF: 0.0/0

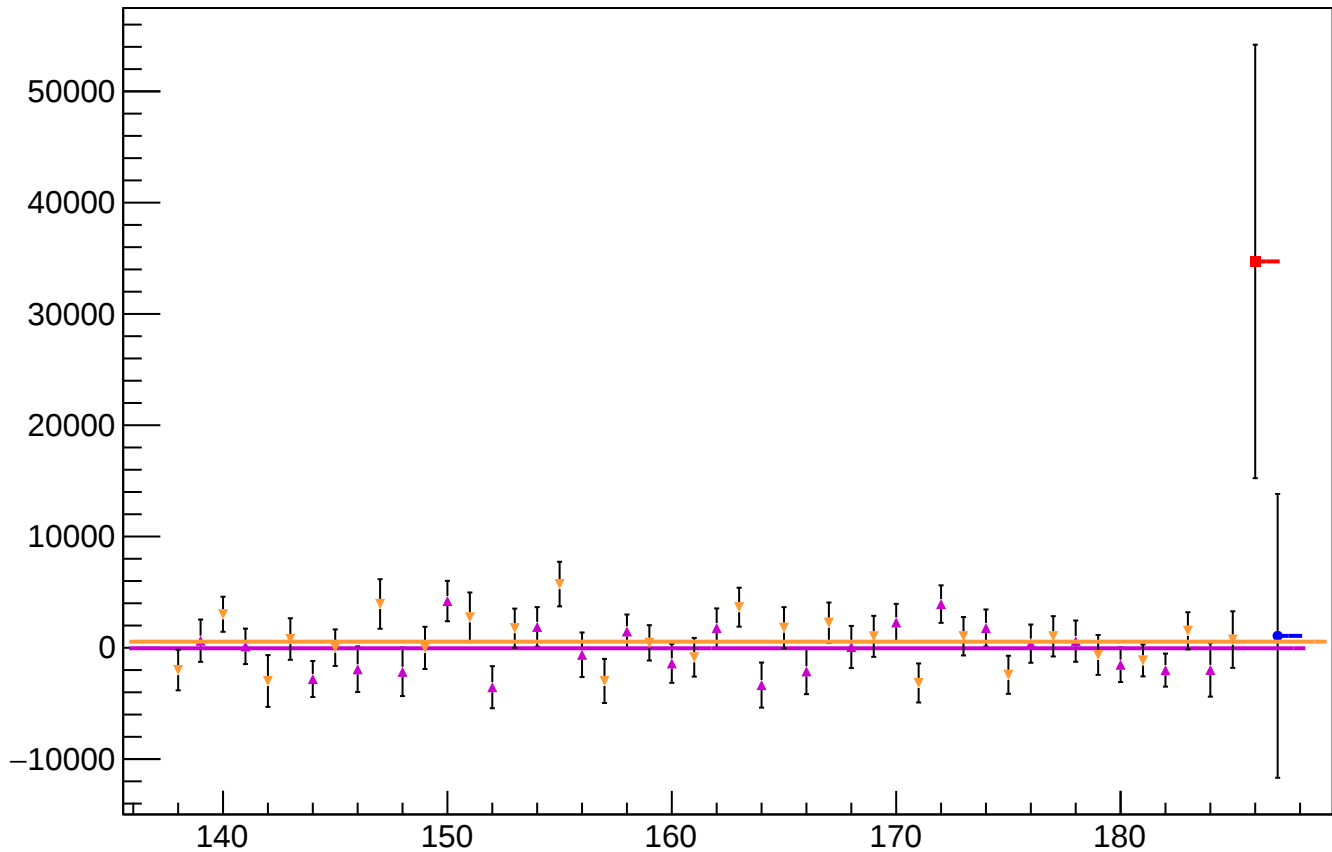
Left In: 1572.605 $\pm$ 0.266 χ^2 /NDF: 327717.1/22

+ sign 1563.901 $\pm$ 0.259 χ^2 /NDF: 512906.9/25

All: 1570.008 $\pm$ 0.186 χ^2 /NDF: 1400908.0/49

- sign 1576.454 $\pm$ 0.266 χ^2 /NDF: 886860.4/23

asym_sam_26_dd_mean vs Slug



Right In: 1071.971 $\pm$ 12754.068 χ^2 /NDF: 0.0/0

Left Out: 550.093 $\pm$ 362.172 χ^2 /NDF:35.6/24

Right Out: 34718.786 $\pm$ 19477.883 χ^2 /NDF: 0.0/0

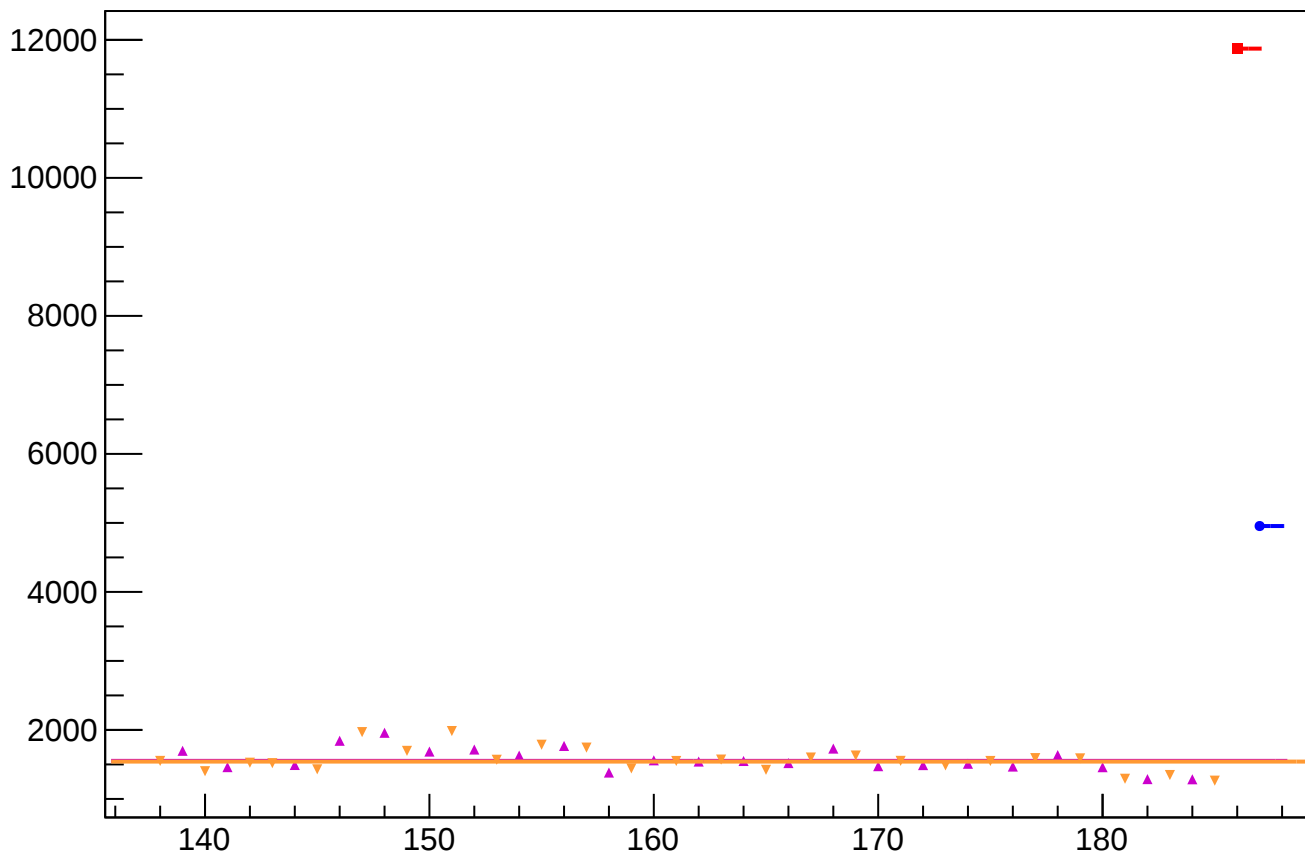
Left In: -43.949 $\pm$ 371.765 χ^2 /NDF:33.5/22

+ sign 550.514 $\pm$ 362.026 χ^2 /NDF: 35.6/25

All: 267.280 $\pm$ 259.343 χ^2 /NDF: 73.5/49

- sign -31.290 $\pm$ 371.698 χ^2 /NDF: 36.7/23

asym_sam_26_dd_rms vs Slug



Right In: 4954.641+/-9.018 χ^2/NDF : 0.0/0

Left Out: 1541.149+/-0.256 χ^2/NDF : 382077.8/24

Right Out: 11873.199+/-13.773 χ^2/NDF : 0.0/0

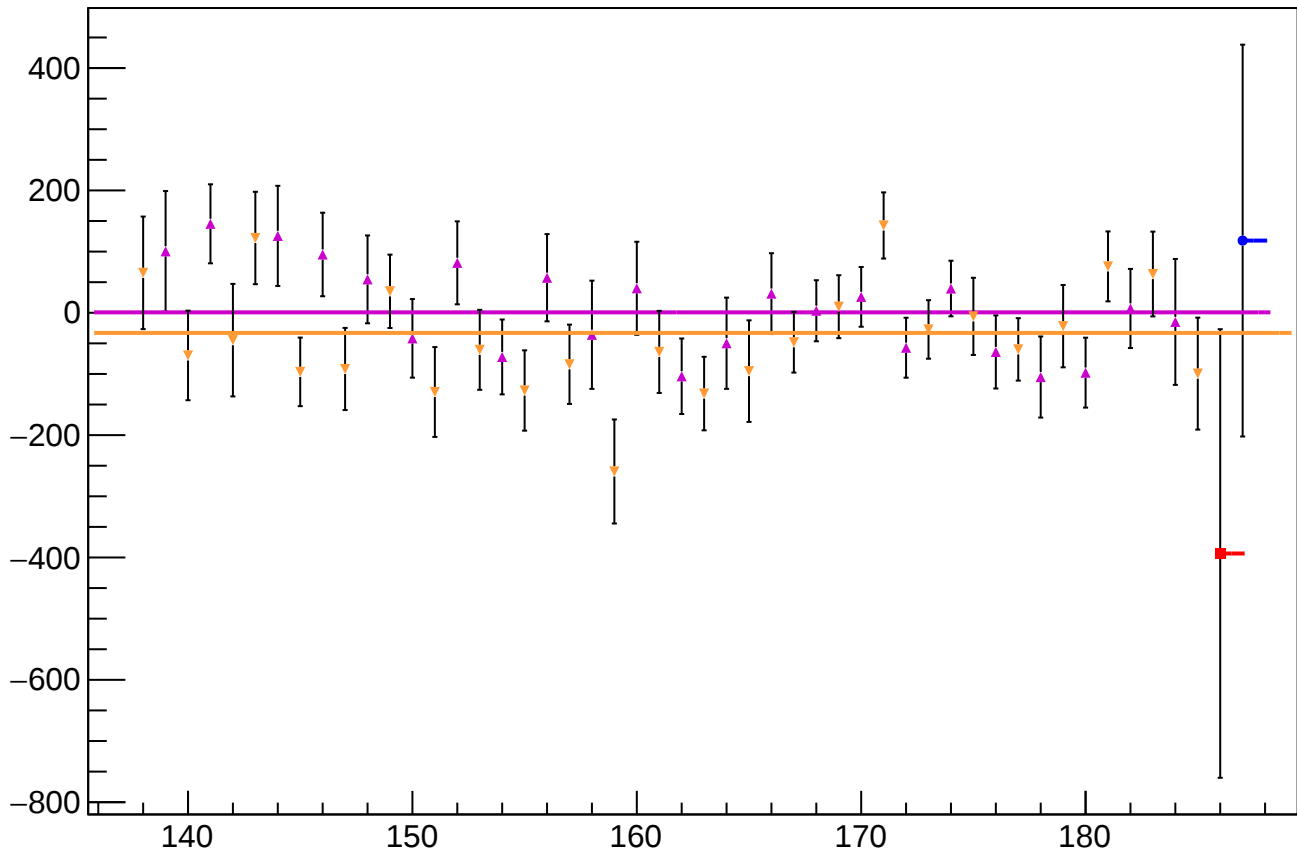
Left In: 1551.481+/-0.263 χ^2/NDF : 339002.9/22

+ sign 1543.899+/-0.256 χ^2/NDF : 525224.2/25

All: 1549.420+/-0.183 χ^2/NDF : 1426608.2/49

- sign 1555.240+/-0.263 χ^2/NDF : 900428.6/23

dit_asym_sam_37_dd_mean vs Slug



Right In: 117.996 $\pm$ 320.239 χ^2 /NDF: 0.0/0

Left Out: -32.952 $\pm$ 12.760 χ^2 /NDF:42.1/24

Right Out: -393.481 $\pm$ 366.637 χ^2 /NDF: 0.0/0

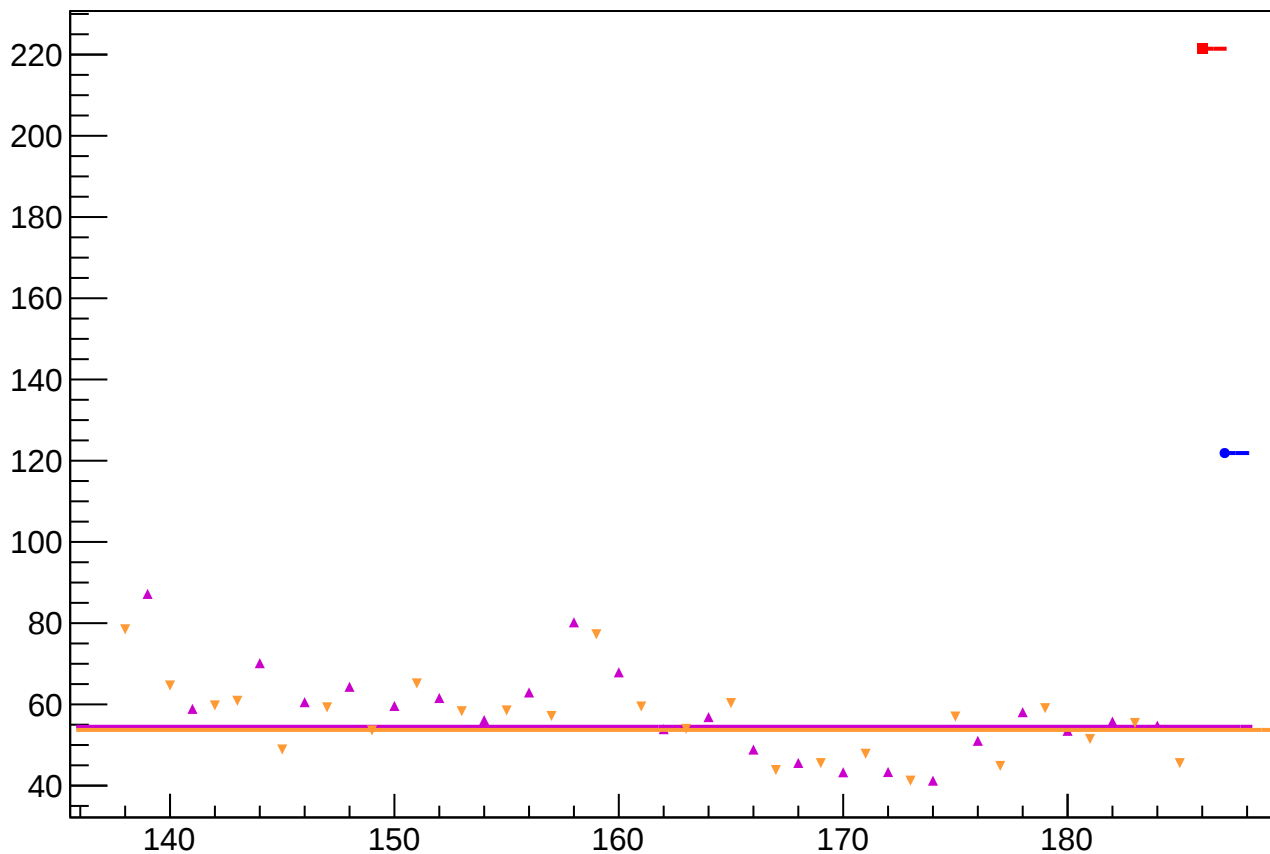
Left In: 0.712 $\pm$ 13.285 χ^2 /NDF:27.9/22

+ sign -32.712 $\pm$ 12.750 χ^2 /NDF: 42.3/25

All: -16.924 $\pm$ 9.196 χ^2 /NDF: 74.5/49

- sign 0.195 $\pm$ 13.277 χ^2 /NDF: 29.0/23

dit_asym_sam_37_dd_rms vs Slug



Right In: 121.885 $\pm$ 0.226 χ^2 /NDF: 0.0/0

Left Out: 53.718 $\pm$ 0.009 χ^2 /NDF: 888971.7/24

Right Out: 221.441 $\pm$ 0.259 χ^2 /NDF: 0.0/0

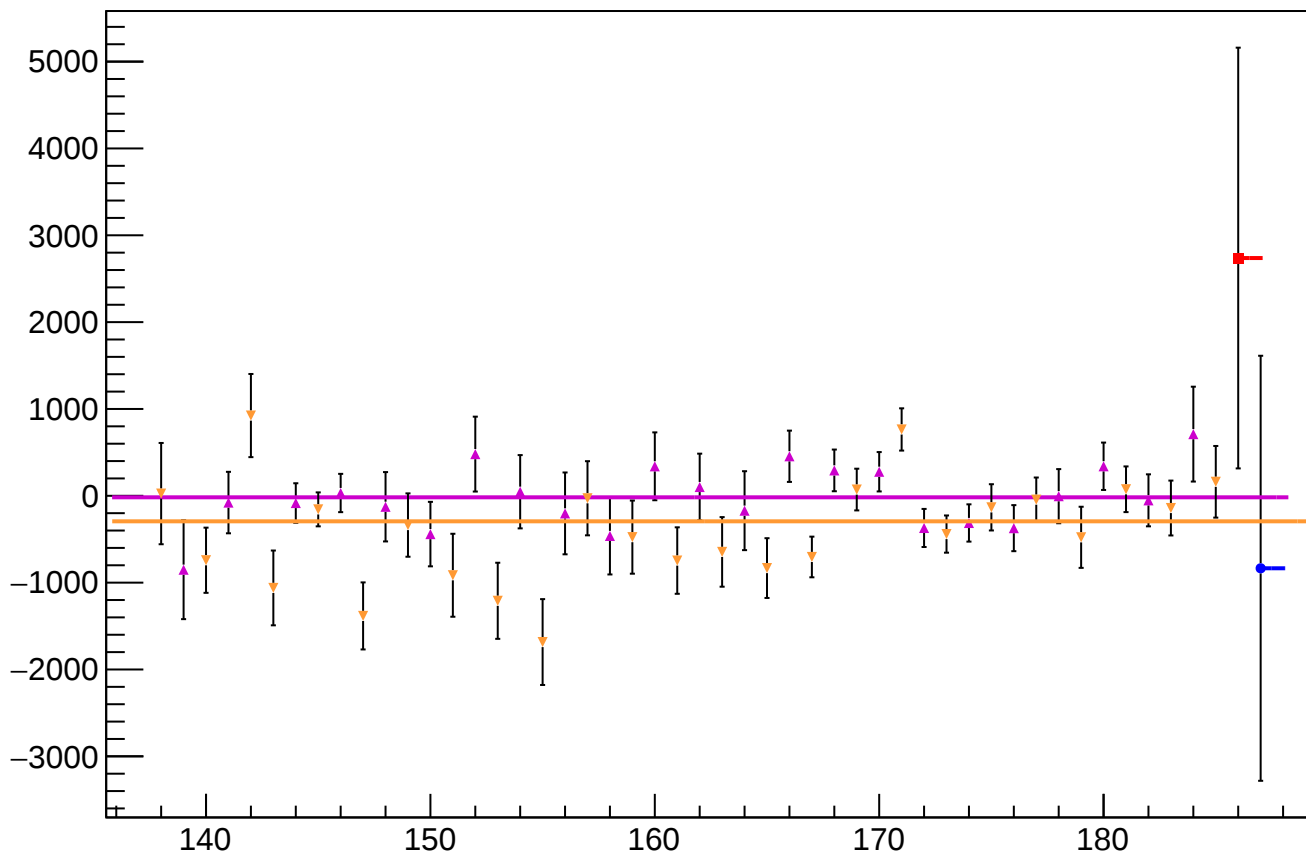
Left In: 54.493 $\pm$ 0.009 χ^2 /NDF: 1125242.8/22

+ sign 53.826 $\pm$ 0.009 χ^2 /NDF: 979451.2/25

All: 54.251 $\pm$ 0.007 χ^2 /NDF: 2523469.2/49

- sign 54.712 $\pm$ 0.009 χ^2 /NDF: 1539386.2/23

asym_sam_37_dd_correction_mean vs Slug



Right In: -834.580+/-2447.244 χ^2/NDF : 0.0/0

Left Out: -293.763+/-63.413 χ^2/NDF : 68.8/24

Right Out: 2737.959+/-2422.515 χ^2/NDF : 0.0/0

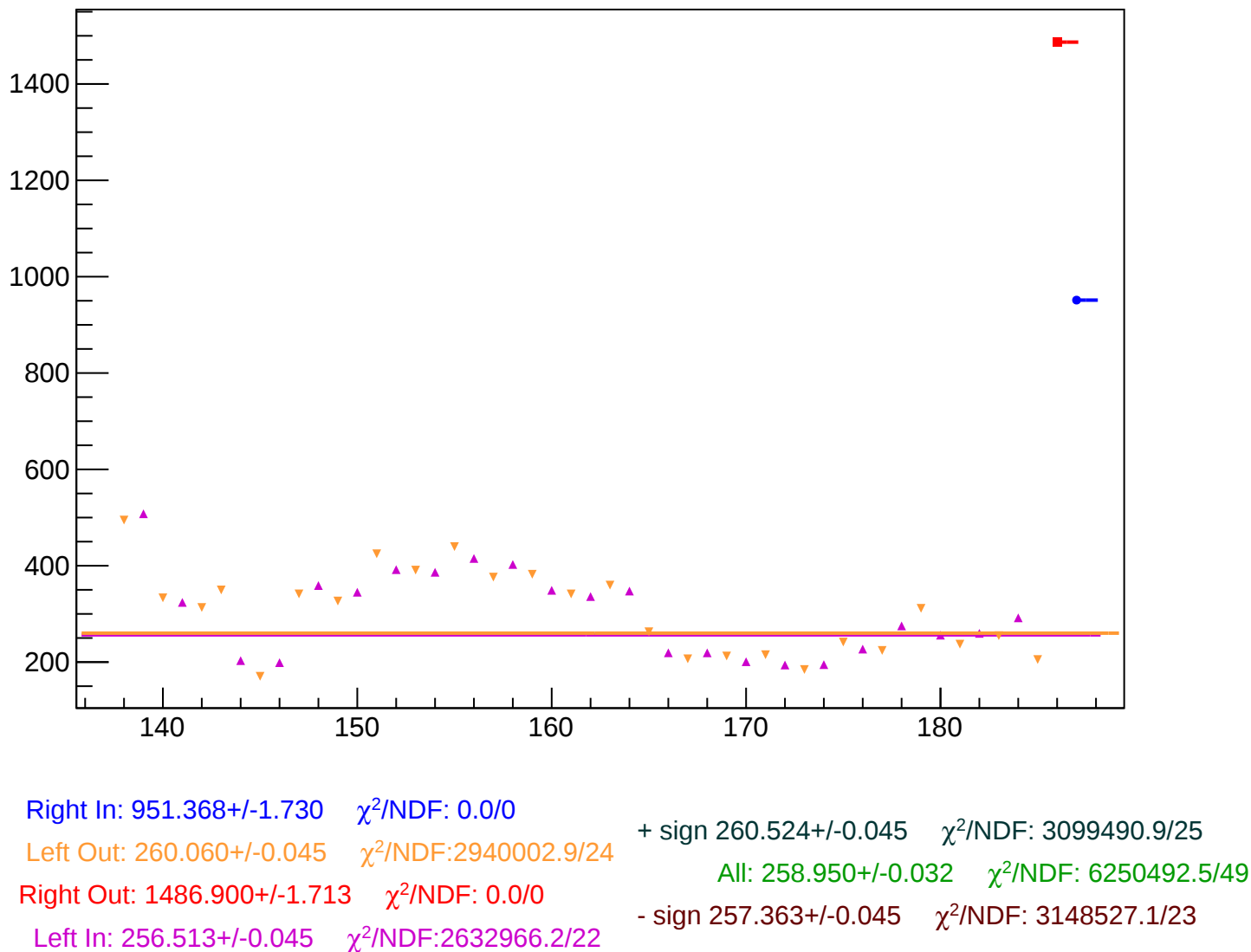
Left In: -17.348+/-63.696 χ^2/NDF : 22.9/22

+ sign -294.126+/-63.392 χ^2/NDF : 68.8/25

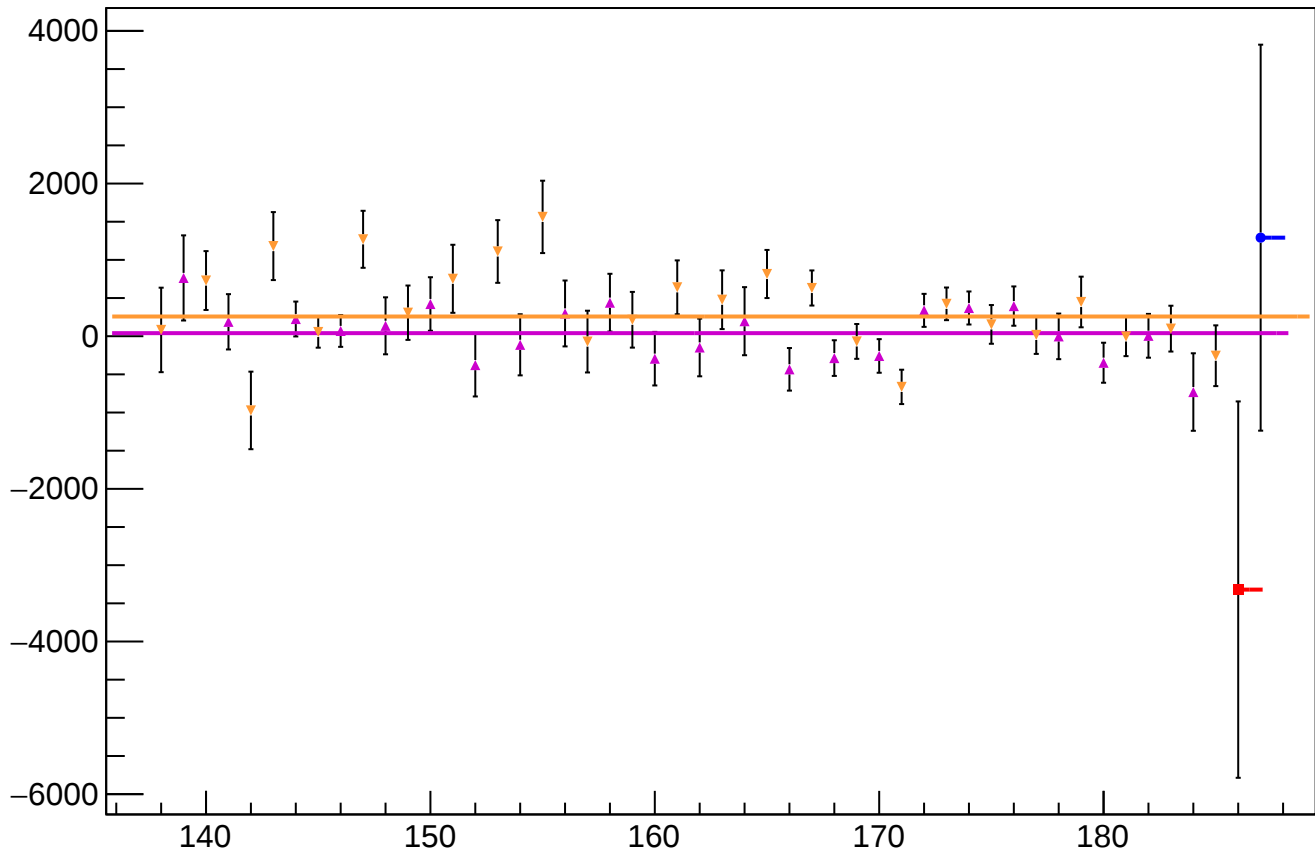
All: -155.404+/-44.924 χ^2/NDF : 102.7/49

- sign -15.445+/-63.674 χ^2/NDF : 24.2/23

asym_sam_37_dd_correction_rms vs Slug



asym_sam_37_dd_mean vs Slug



Right In: 1290.959 $\pm$ 2528.638 χ^2 /NDF: 0.0/0

Left Out: 258.044 $\pm$ 61.488 χ^2 /NDF:65.0/24

Right Out: -3320.099 $\pm$ 2465.561 χ^2 /NDF: 0.0/0

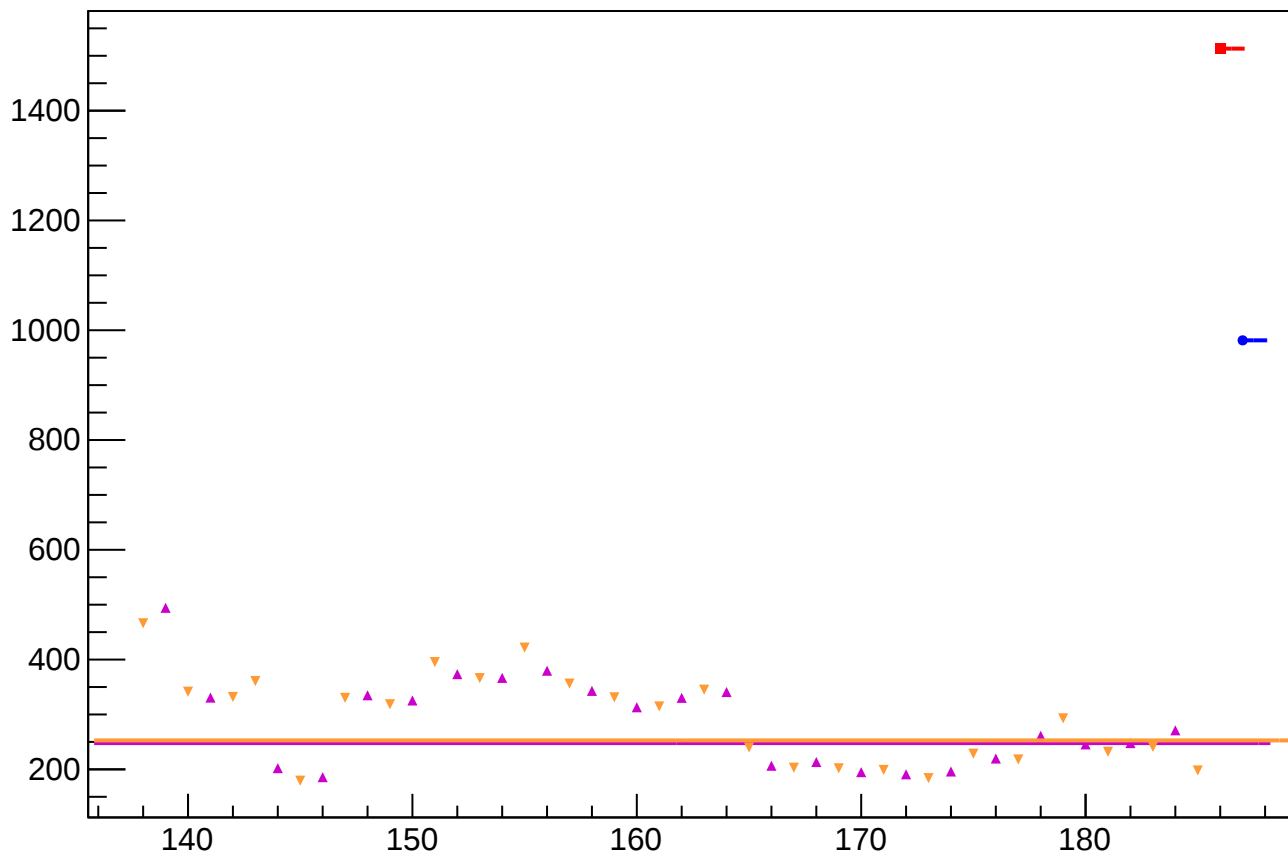
Left In: 40.015 $\pm$ 61.495 χ^2 /NDF:25.0/22

+ sign 258.654 $\pm$ 61.469 χ^2 /NDF: 65.2/25

All: 148.302 $\pm$ 43.468 χ^2 /NDF: 98.5/49

- sign 37.926 $\pm$ 61.476 χ^2 /NDF: 26.9/23

asym_sam_37_dd_rms vs Slug



Right In: 981.598 $\pm$ 1.788 χ^2 /NDF: 0.0/0

Left Out: 252.721 $\pm$ 0.043 χ^2 /NDF: 2648800.3/24

Right Out: 1513.047 $\pm$ 1.743 χ^2 /NDF: 0.0/0

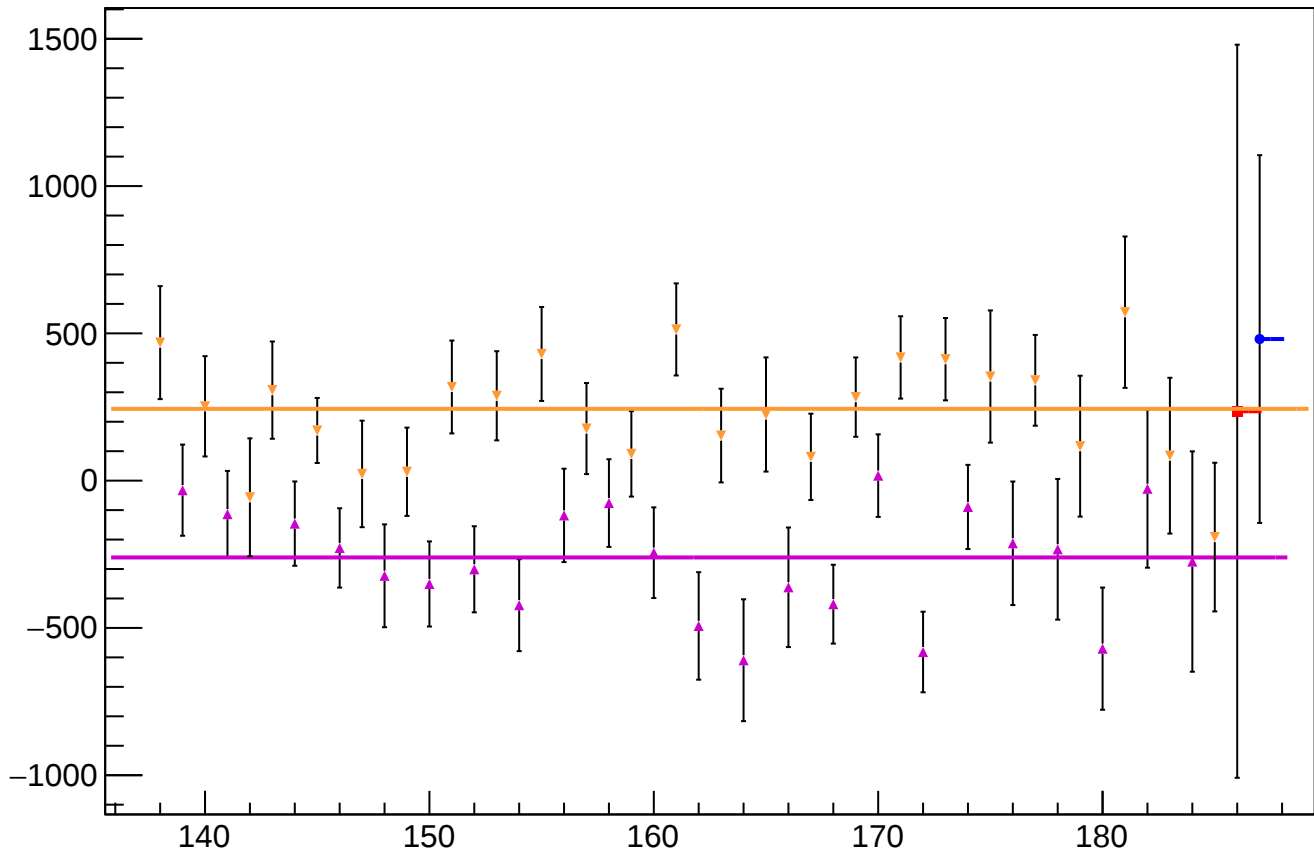
Left In: 247.919 $\pm$ 0.043 χ^2 /NDF: 2374698.8/22

+ sign 253.151 $\pm$ 0.043 χ^2 /NDF: 2814877.0/25

All: 250.929 $\pm$ 0.031 χ^2 /NDF: 5721064.2/49

- sign 248.705 $\pm$ 0.043 χ^2 /NDF: 2900955.6/23

dit_asym_sam_48_dd_mean vs Slug



Right In: 480.735 $\pm$ 624.228 χ^2 /NDF: 0.0/0

Left Out: 243.890 $\pm$ 32.810 χ^2 /NDF:24.2/24

Right Out: 235.639 $\pm$ 1244.404 χ^2 /NDF: 0.0/0

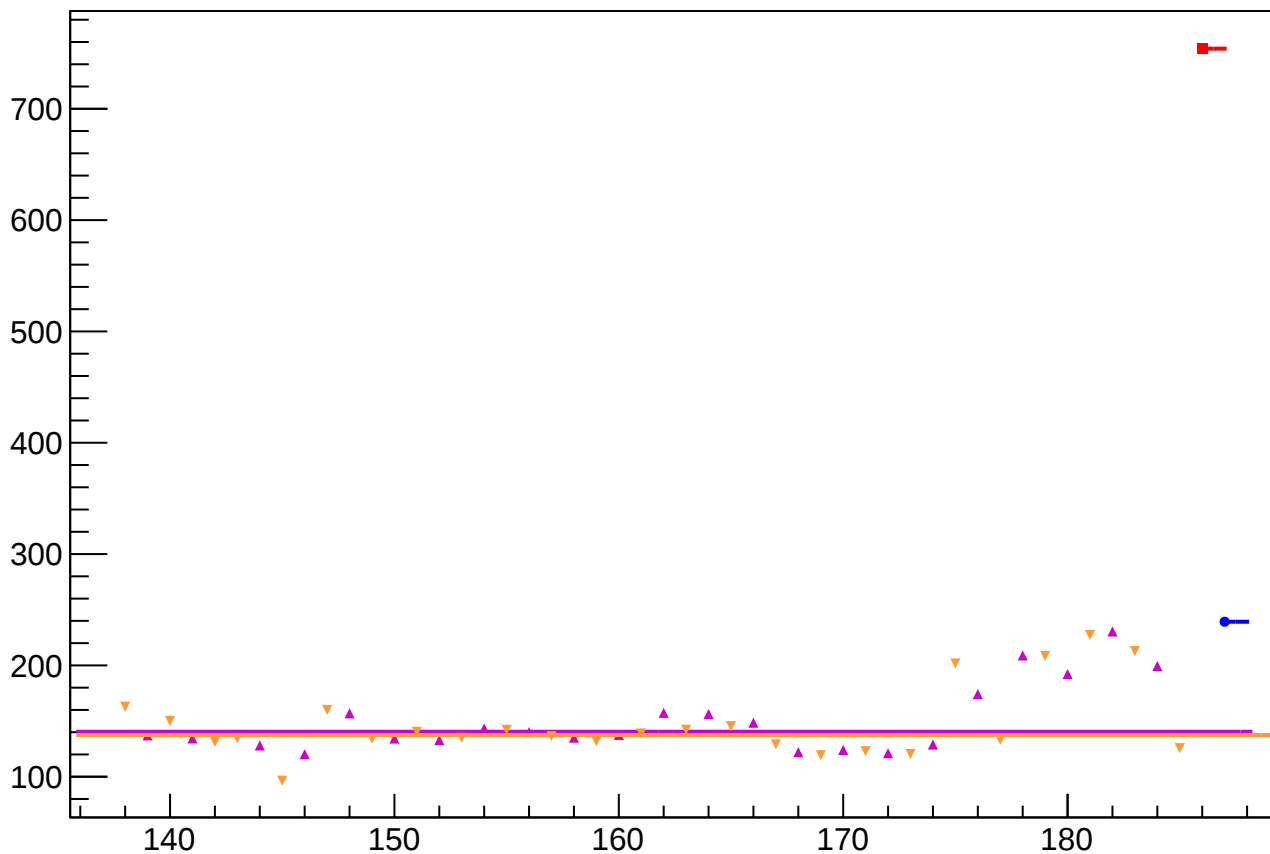
Left In: -260.732 $\pm$ 34.112 χ^2 /NDF:28.0/22

+ sign 244.542 $\pm$ 32.765 χ^2 /NDF: 24.4/25

All: 2.162 $\pm$ 23.626 χ^2 /NDF: 166.5/49

- sign -260.359 $\pm$ 34.099 χ^2 /NDF: 28.1/23

dit_asym_sam_48_dd_rms vs Slug



Right In: 239.223 $\pm$ 0.441 χ^2 /NDF: 0.0/0

Left Out: 137.429 $\pm$ 0.023 χ^2 /NDF:1215880.3/24

Right Out: 754.021 $\pm$ 0.880 χ^2 /NDF: 0.0/0

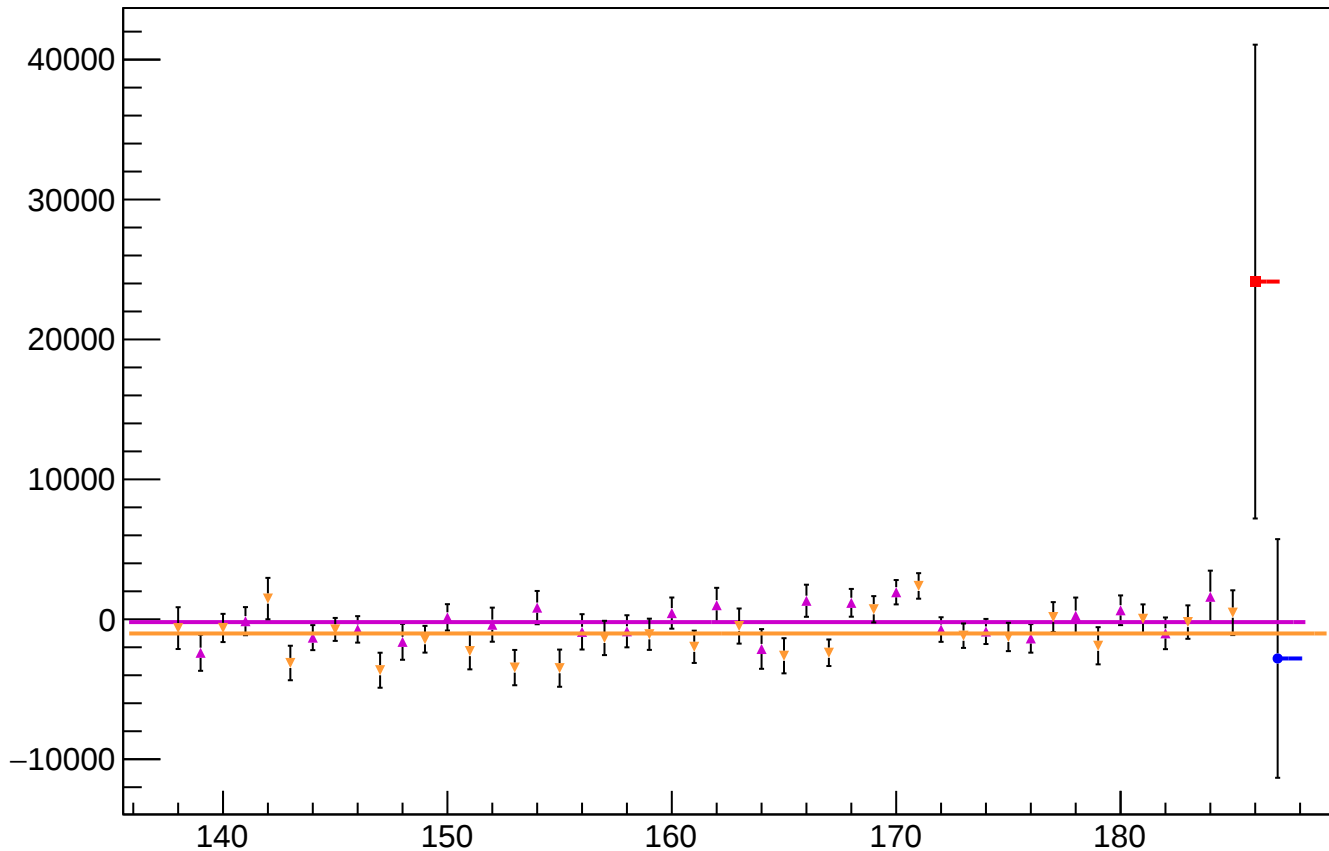
Left In: 140.398 $\pm$ 0.024 χ^2 /NDF:862043.6/22

+ sign 137.710 $\pm$ 0.023 χ^2 /NDF: 1268918.3/25

All: 139.221 $\pm$ 0.017 χ^2 /NDF: 2625771.1/49

- sign 140.858 $\pm$ 0.024 χ^2 /NDF: 1347985.4/23

asym_sam_48_dd_correction_mean vs Slug



Right In: -2799.547 ± 8528.479 χ^2/NDF : 0.0/0

Left Out: -1013.520 ± 222.295 χ^2/NDF : 44.8/24

Right Out: 24136.025 ± 16931.659 χ^2/NDF : 0.0/0

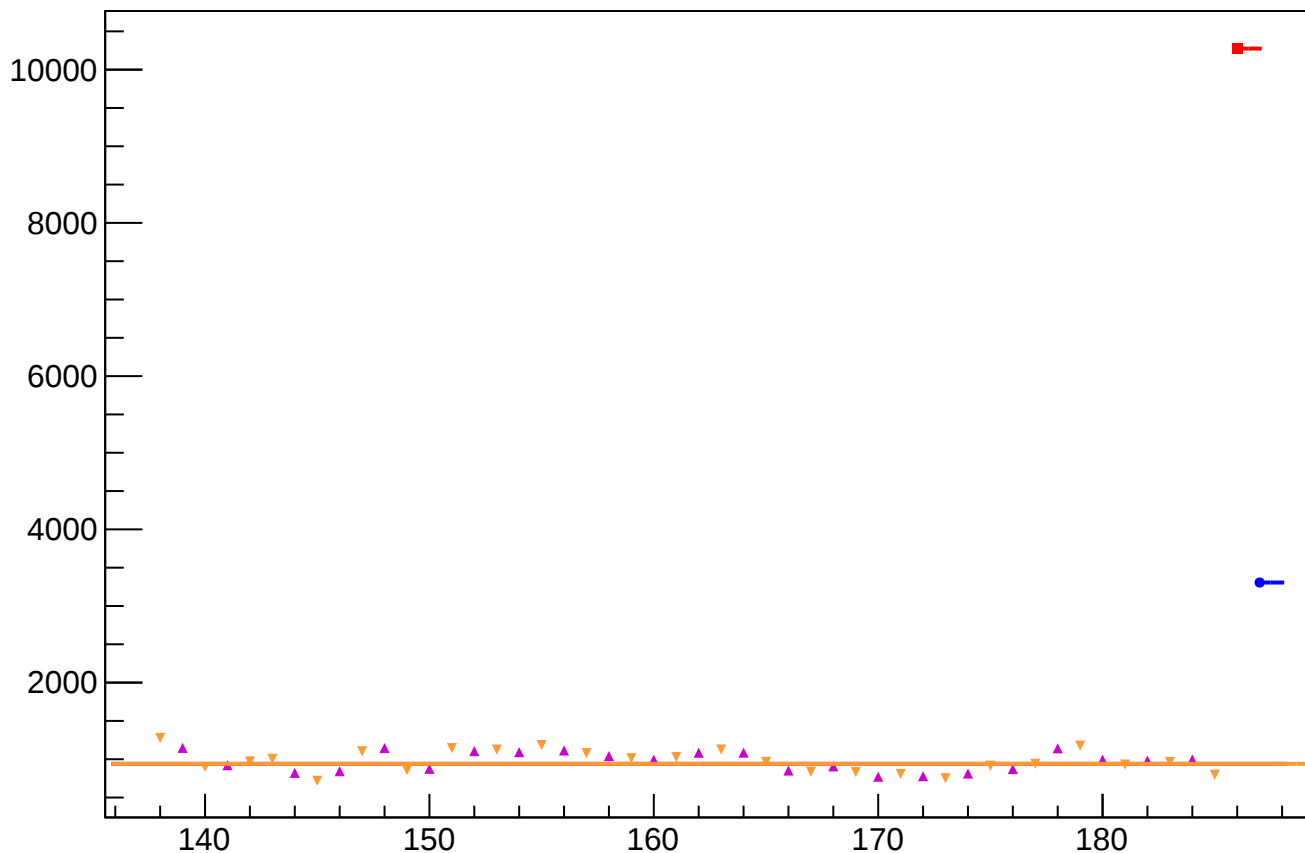
Left In: -200.935 ± 226.129 χ^2/NDF : 24.7/22

+ sign -1014.732 ± 222.220 χ^2/NDF : 44.9/25

All: -612.760 ± 158.490 χ^2/NDF : 78.3/49

- sign -196.595 ± 226.109 χ^2/NDF : 26.8/23

asym_sam_48_dd_correction_rms vs Slug



Right In: 3306.219+/-6.031 χ^2 /NDF: 0.0/0

Left Out: 940.110+/-0.157 χ^2 /NDF: 824426.6/24

Right Out: 10274.998+/-11.972 χ^2 /NDF: 0.0/0

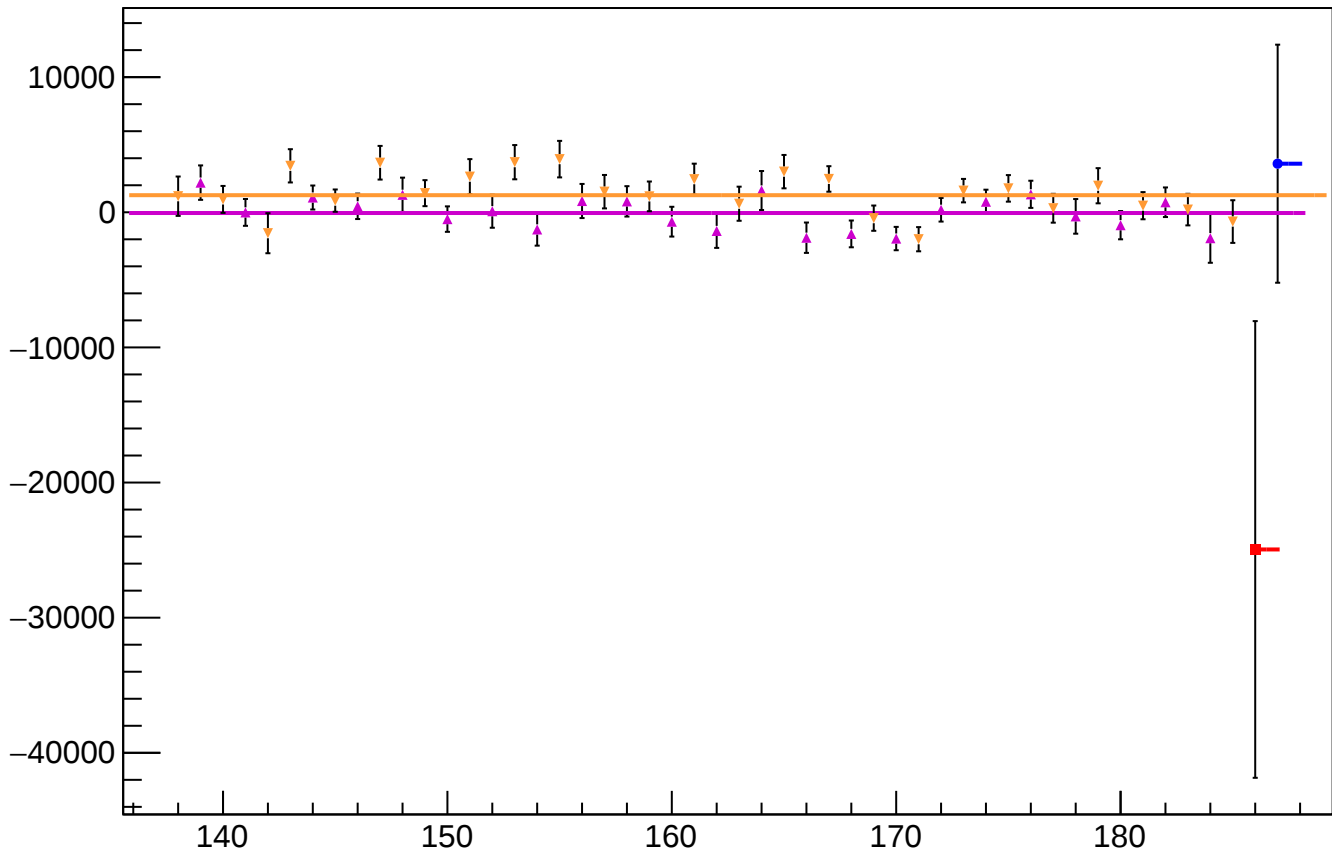
Left In: 939.323+/-0.160 χ^2 /NDF: 609694.0/22

+ sign 941.716+/-0.157 χ^2 /NDF: 978263.8/25

All: 941.358+/-0.112 χ^2 /NDF: 2195886.4/49

- sign 940.988+/-0.160 χ^2 /NDF: 1217612.0/23

asym_sam_48_dd_mean vs Slug



Right In: 3594.886 $\pm$ 8808.527 χ^2 /NDF: 0.0/0

Left Out: 1264.940 $\pm$ 220.626 χ^2 /NDF:45.5/24

Right Out: -24951.236 $\pm$ 16897.834 χ^2 /NDF: 0.0/0

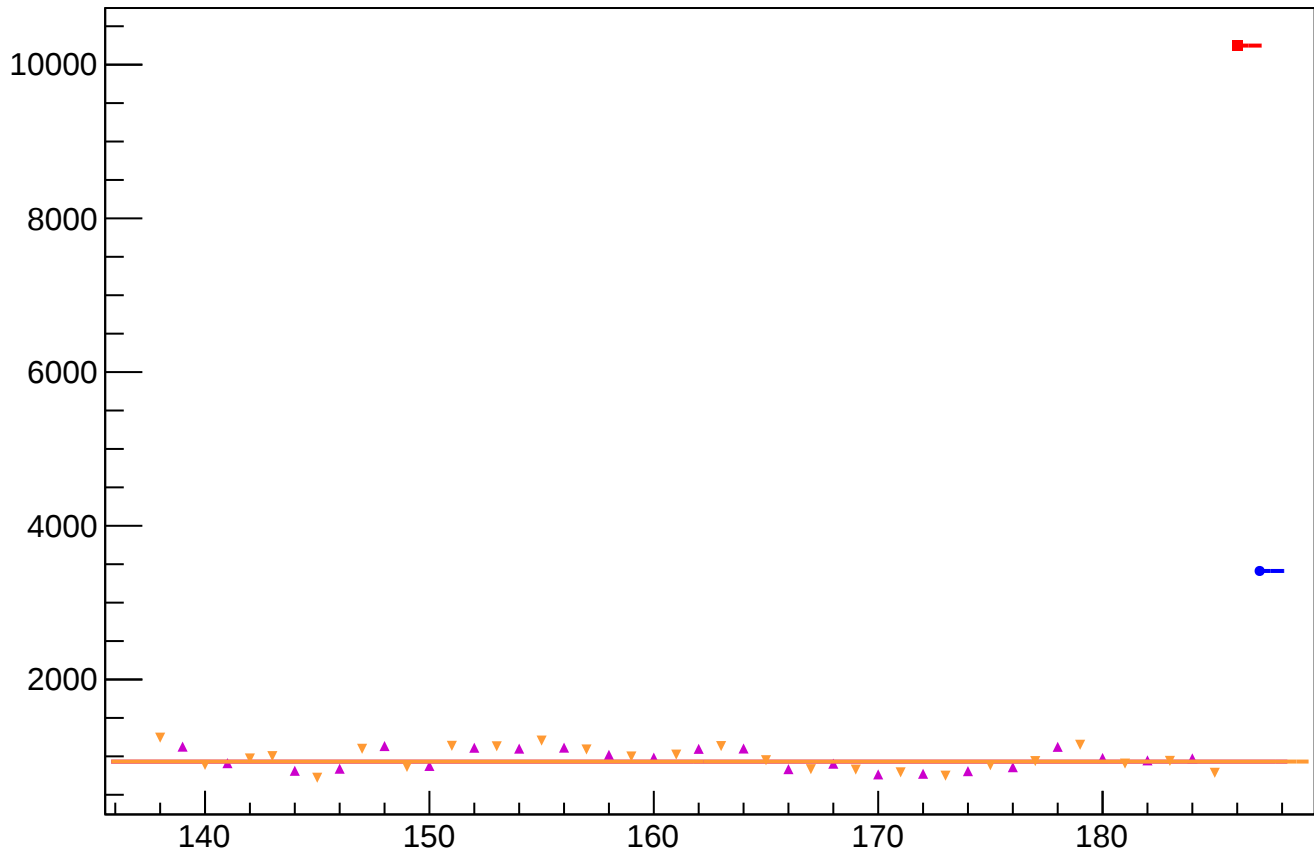
Left In: -53.940 $\pm$ 224.371 χ^2 /NDF:26.4/22

+ sign 1266.400 $\pm$ 220.557 χ^2 /NDF: 45.6/25

All: 615.333 $\pm$ 157.281 χ^2 /NDF: 91.9/49

- sign -58.328 $\pm$ 224.351 χ^2 /NDF: 28.6/23

asym_sam_48_dd_rms vs Slug



Right In: 3412.225+/-6.229 χ^2/NDF : 0.0/0

Left Out: 932.170+/-0.156 χ^2/NDF : 828733.8/24

Right Out: 10248.277+/-11.949 χ^2/NDF : 0.0/0

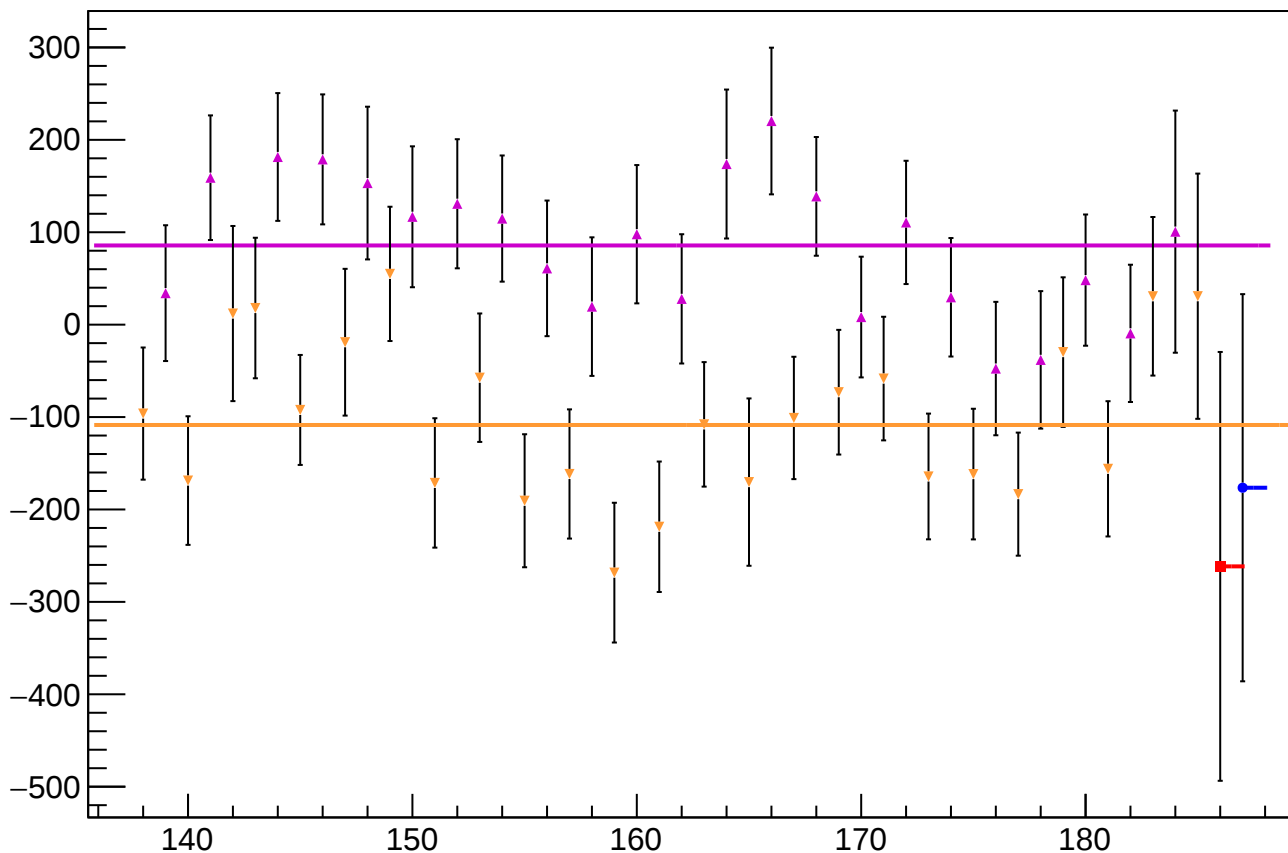
Left In: 930.854+/-0.159 χ^2/NDF : 621985.5/22

+ sign 933.725+/-0.156 χ^2/NDF : 987177.0/25

All: 933.121+/-0.111 χ^2/NDF : 2217164.1/49

- sign 932.496+/-0.159 χ^2/NDF : 1229956.6/23

dit_asym_sam_13_57_dd_mean vs Slug



Right In: -176.474 $\pm$ 209.494 χ^2/NDF : 0.0/0

Left Out: -108.572 $\pm$ 14.605 χ^2/NDF : 30.6/24

Right Out: -261.586 $\pm$ 232.037 χ^2/NDF : 0.0/0

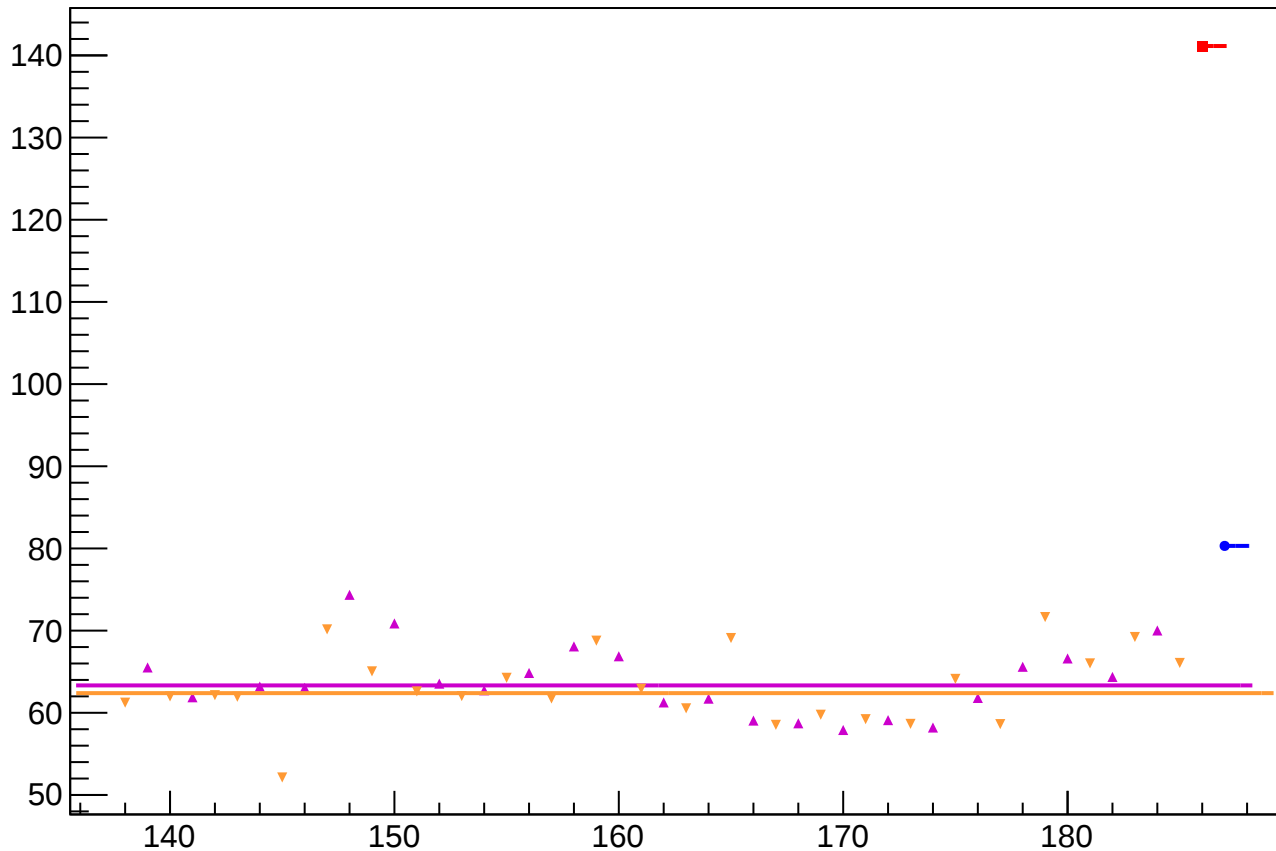
Left In: 85.703 $\pm$ 15.129 χ^2/NDF : 23.6/22

+ sign -108.900 $\pm$ 14.569 χ^2/NDF : 30.7/25

All: -15.771 $\pm$ 10.484 χ^2/NDF : 141.3/49

- sign 84.232 $\pm$ 15.097 χ^2/NDF : 25.8/23

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 80.310 $\pm$ 0.148 χ^2 /NDF: 0.0/0

Left Out: 62.393 $\pm$ 0.010 χ^2 /NDF: 183597.0/24

Right Out: 141.141 $\pm$ 0.164 χ^2 /NDF: 0.0/0

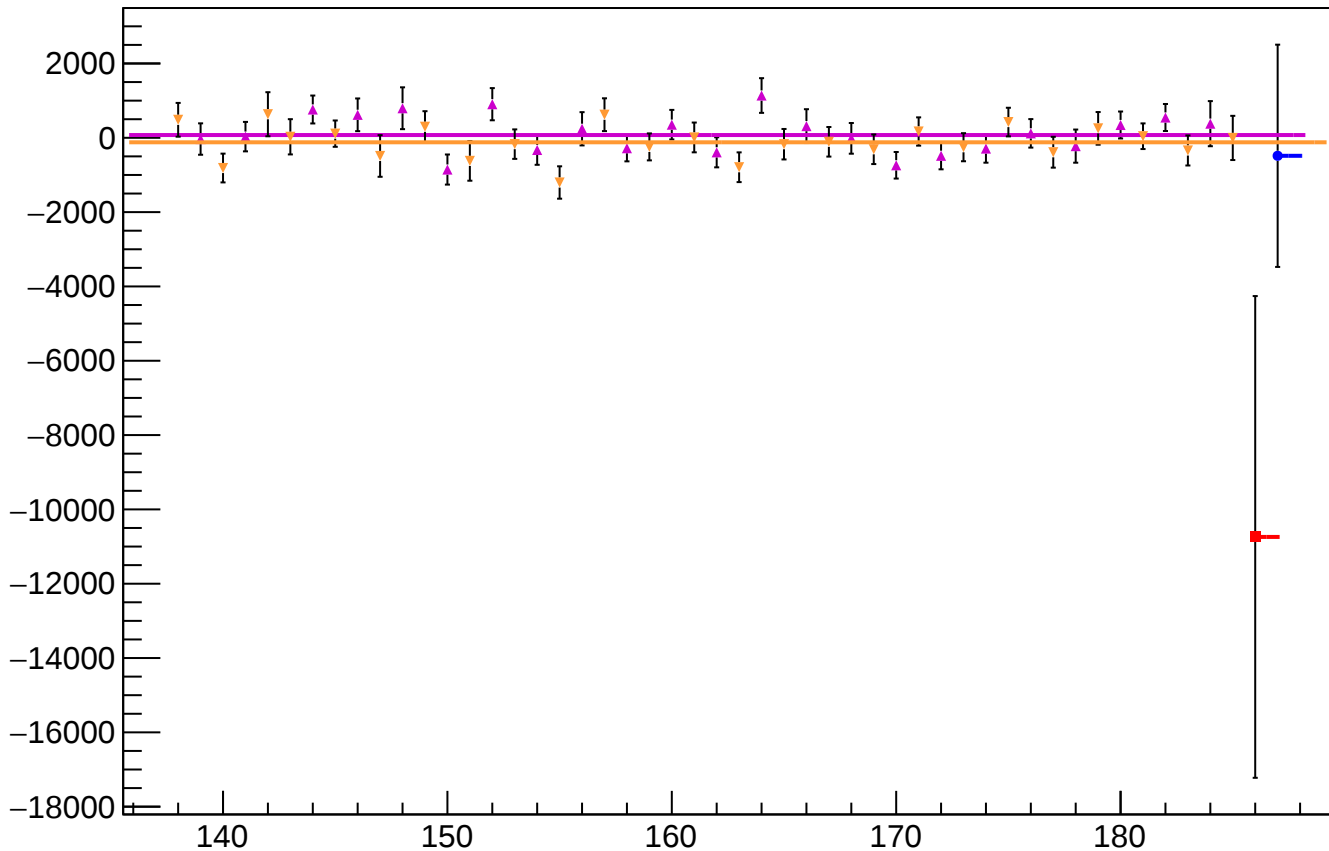
Left In: 63.333 $\pm$ 0.011 χ^2 /NDF: 137299.8/22

+ sign 62.480 $\pm$ 0.010 χ^2 /NDF: 198156.0/25

All: 63.050 $\pm$ 0.007 χ^2 /NDF: 565747.4/49

- sign 63.662 $\pm$ 0.011 χ^2 /NDF: 361239.2/23

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -484.485 $\pm$ 2990.713 χ^2 /NDF: 0.0/0

Left Out: -120.966 $\pm$ 83.470 χ^2 /NDF: 26.1/24

Right Out: -10741.124 $\pm$ 6481.963 χ^2 /NDF: 0.0/0

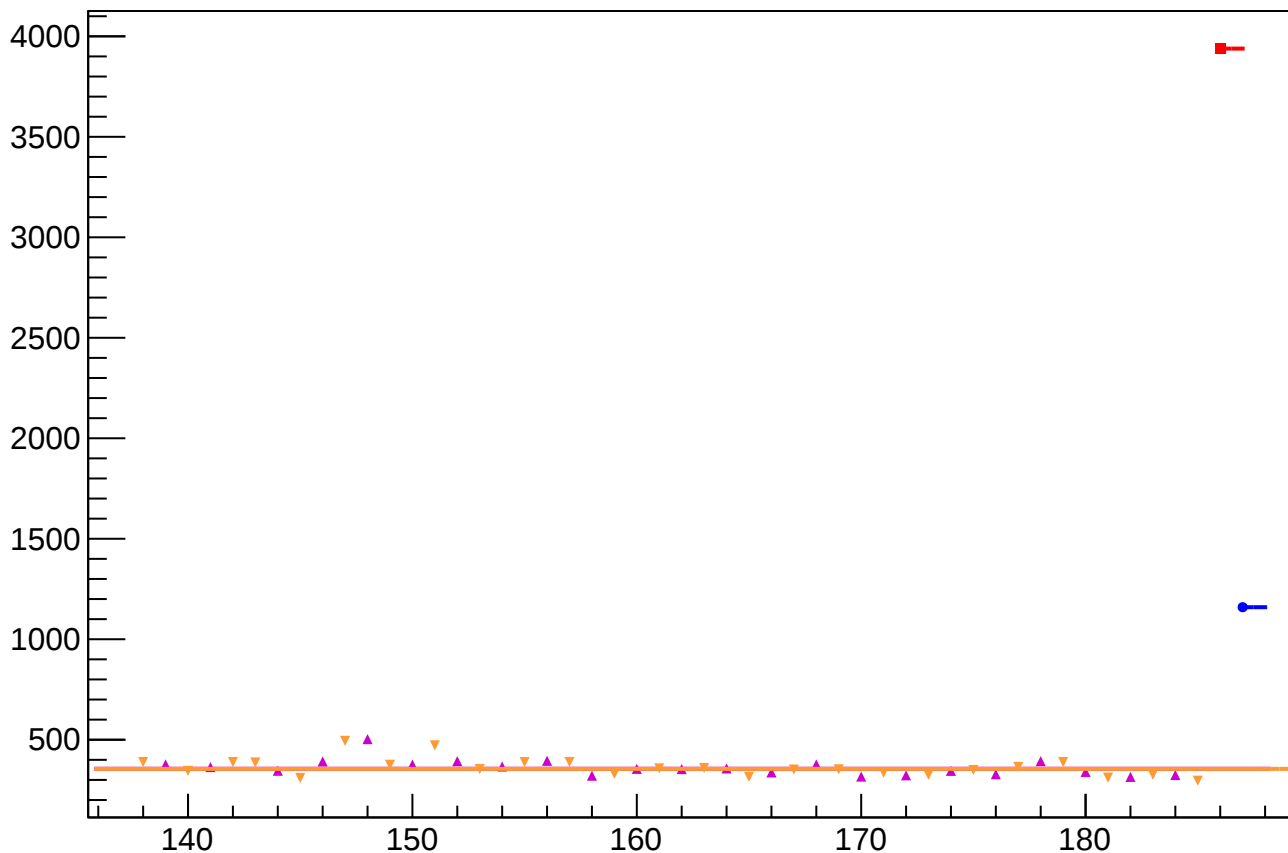
Left In: 74.271 $\pm$ 85.207 χ^2 /NDF: 36.4/22

+ sign -121.249 $\pm$ 83.438 χ^2 /NDF: 26.1/25

All: -26.446 $\pm$ 59.613 χ^2 /NDF: 68.0/49

- sign 72.403 $\pm$ 85.200 χ^2 /NDF: 39.2/23

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 1159.429 $\pm$ 2.115 χ^2 /NDF: 0.0/0

Left Out: 355.117 $\pm$ 0.059 χ^2 /NDF: 430114.3/24

Right Out: 3939.002 $\pm$ 4.583 χ^2 /NDF: 0.0/0

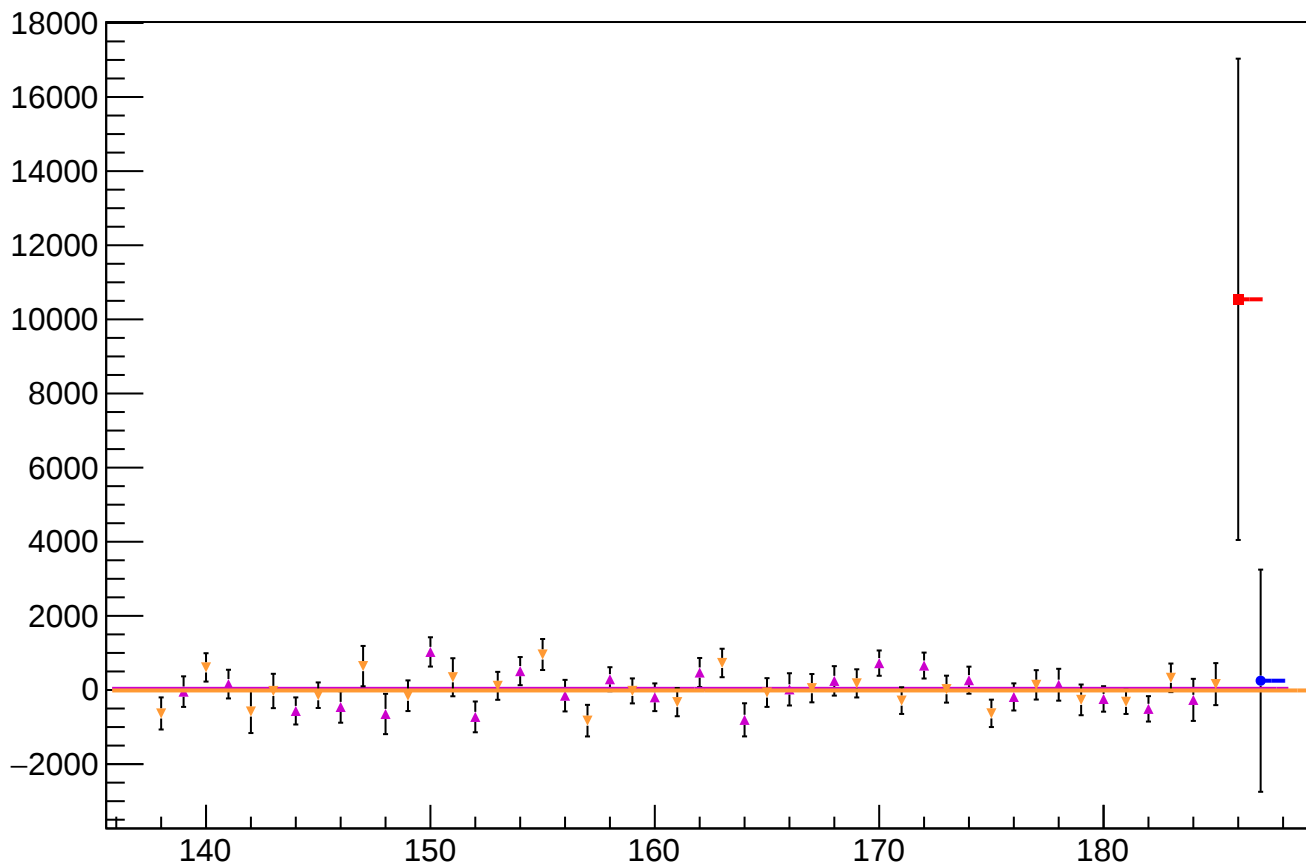
Left In: 355.506 $\pm$ 0.060 χ^2 /NDF: 323168.9/22

+ sign 355.743 $\pm$ 0.059 χ^2 /NDF: 574655.1/25

All: 355.930 $\pm$ 0.042 χ^2 /NDF: 1509005.5/49

- sign 356.125 $\pm$ 0.060 χ^2 /NDF: 934329.9/23

asym_sam_13_57_dd_mean vs Slug



Right In: 250.414 $\pm$ 2997.389 χ^2 /NDF: 0.0/0

Left Out: -12.545 $\pm$ 79.984 χ^2 /NDF:27.3/24

Right Out: 10541.140 $\pm$ 6493.184 χ^2 /NDF: 0.0/0

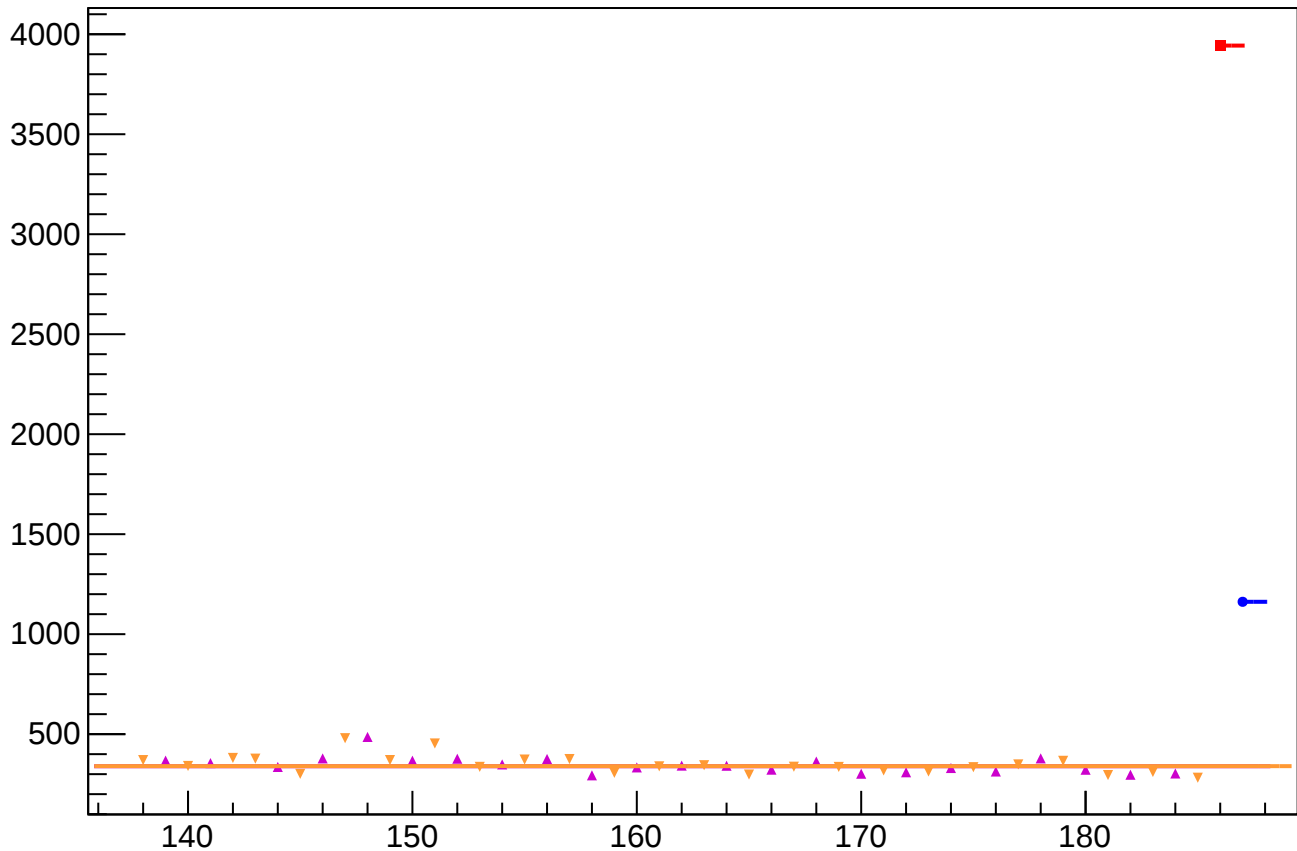
Left In: 31.531 $\pm$ 81.476 χ^2 /NDF:34.8/22

+ sign -12.358 $\pm$ 79.956 χ^2 /NDF: 27.4/25

All: 9.987 $\pm$ 57.065 χ^2 /NDF: 64.9/49

- sign 33.186 $\pm$ 81.470 χ^2 /NDF: 37.4/23

asym_sam_13_57_dd_rms vs Slug



Right In: 1161.863 $\pm$ 2.119 χ^2 /NDF: 0.0/0

Left Out: 340.018 $\pm$ 0.057 χ^2 /NDF: 465345.1/24

Right Out: 3943.251 $\pm$ 4.591 χ^2 /NDF: 0.0/0

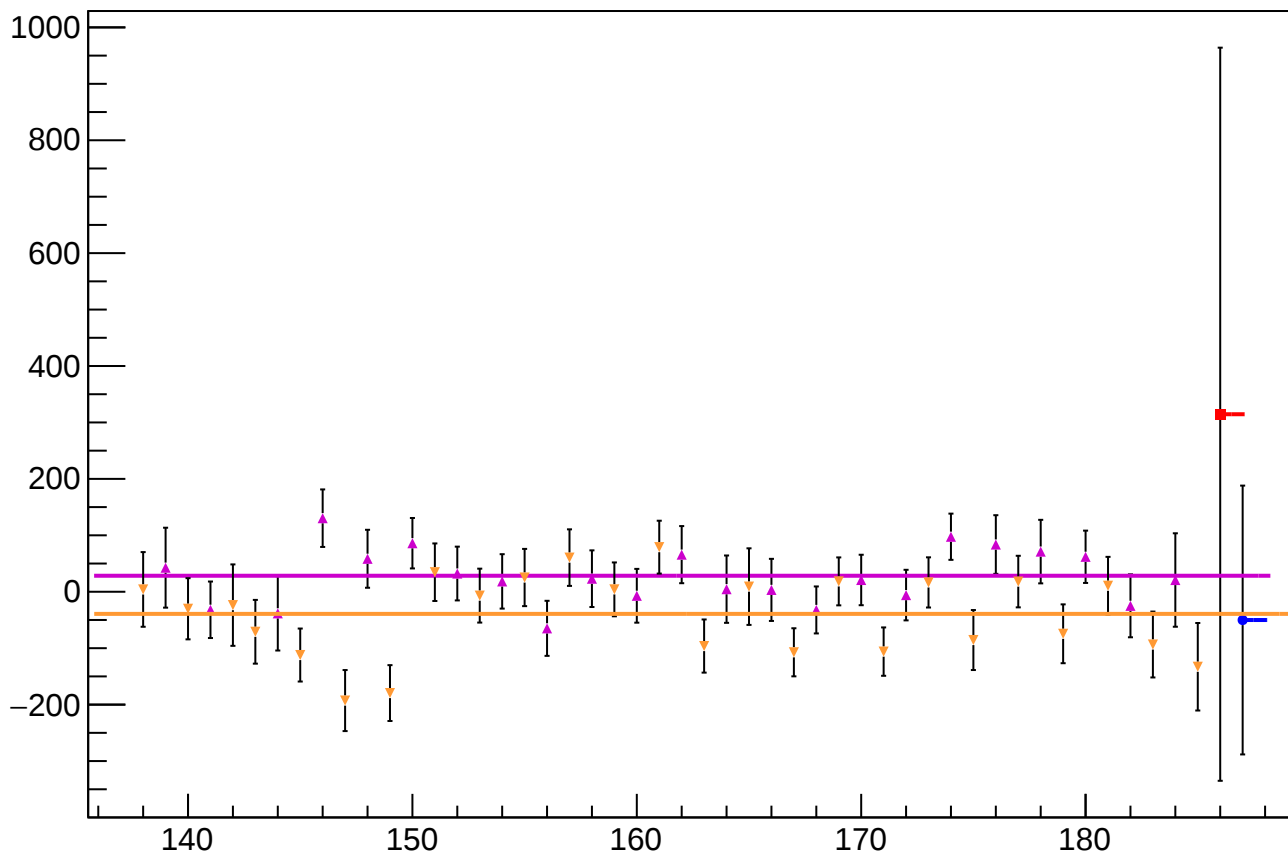
Left In: 339.571 $\pm$ 0.058 χ^2 /NDF: 377816.0/22

+ sign 340.603 $\pm$ 0.057 χ^2 /NDF: 615594.9/25

All: 340.375 $\pm$ 0.040 χ^2 /NDF: 1609384.4/49

- sign 340.138 $\pm$ 0.058 χ^2 /NDF: 993756.3/23

dit_asym_sam_15_37_dd_mean vs Slug



Right In: -50.090 $\pm$ 238.176 χ^2 /NDF: 0.0/0

Left Out: -39.211 $\pm$ 10.179 χ^2 /NDF:51.1/24

Right Out: 314.547 $\pm$ 649.521 χ^2 /NDF: 0.0/0

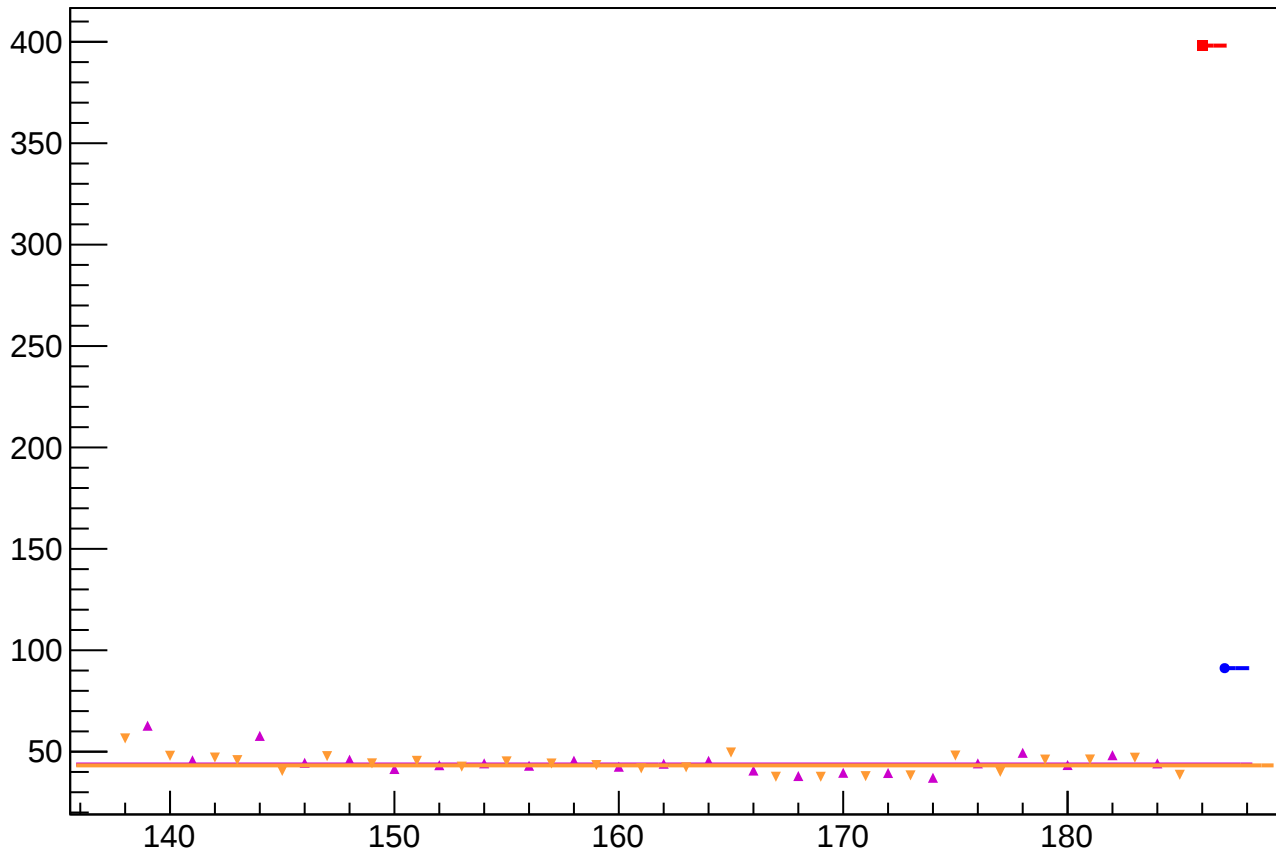
Left In: 28.364 $\pm$ 10.532 χ^2 /NDF:22.4/22

+ sign -39.231 $\pm$ 10.170 χ^2 /NDF: 51.1/25

All: -6.574 $\pm$ 7.315 χ^2 /NDF: 95.1/49

- sign 28.439 $\pm$ 10.530 χ^2 /NDF: 22.6/23

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 91.182 $\pm$ 0.168 χ^2 /NDF: 0.0/0

Left Out: 43.243 $\pm$ 0.007 χ^2 /NDF:335422.8/24

Right Out: 398.135 $\pm$ 0.459 χ^2 /NDF: 0.0/0

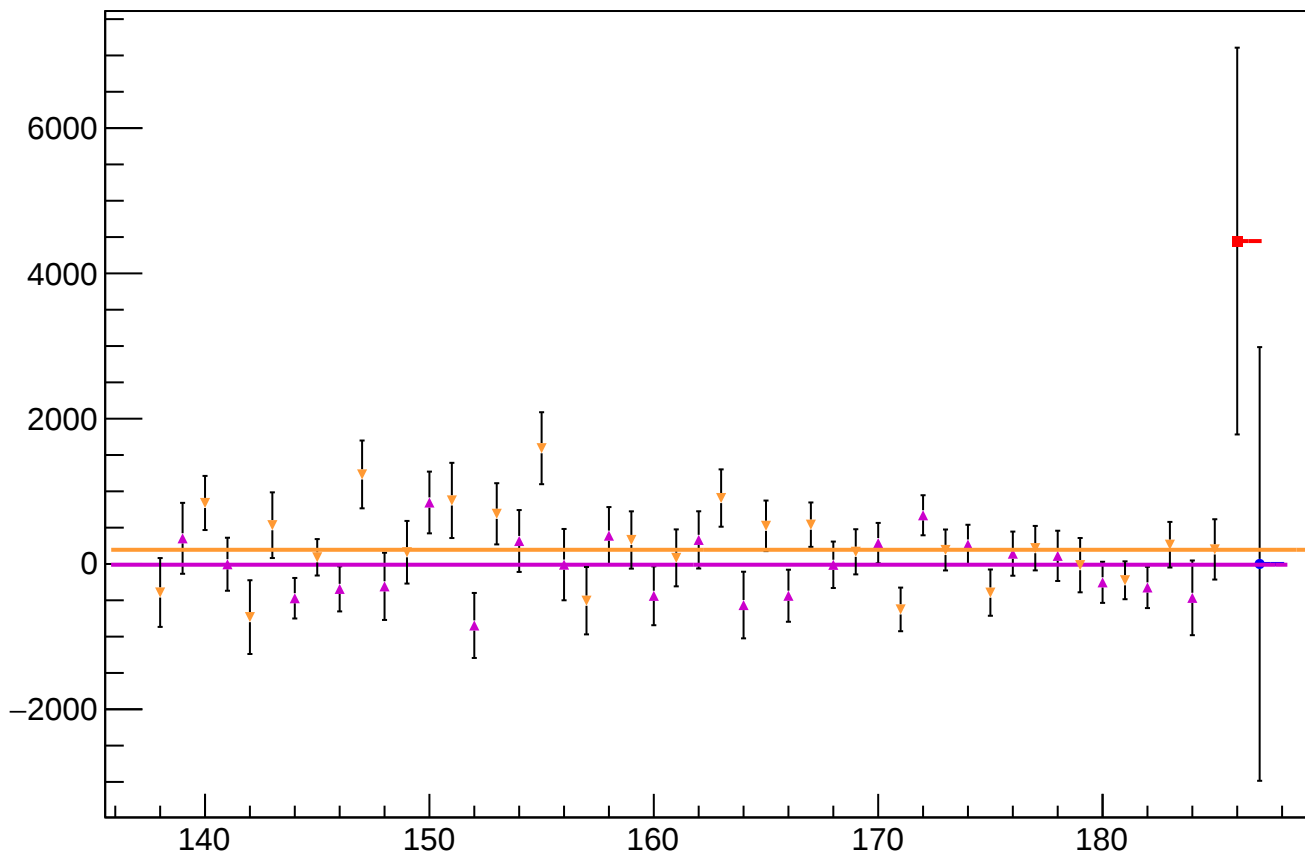
Left In: 43.679 $\pm$ 0.007 χ^2 /NDF:420266.8/22

+ sign 43.330 $\pm$ 0.007 χ^2 /NDF: 416299.5/25

All: 43.543 $\pm$ 0.005 χ^2 /NDF: 1433853.0/49

- sign 43.772 $\pm$ 0.007 χ^2 /NDF: 1015729.7/23

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 0.325 $\pm$ 2984.904 χ^2/NDF : 0.0/0

Left Out: 195.325 $\pm$ 71.593 χ^2/NDF :46.4/24

Right Out: 4445.026 $\pm$ 2662.082 χ^2/NDF : 0.0/0

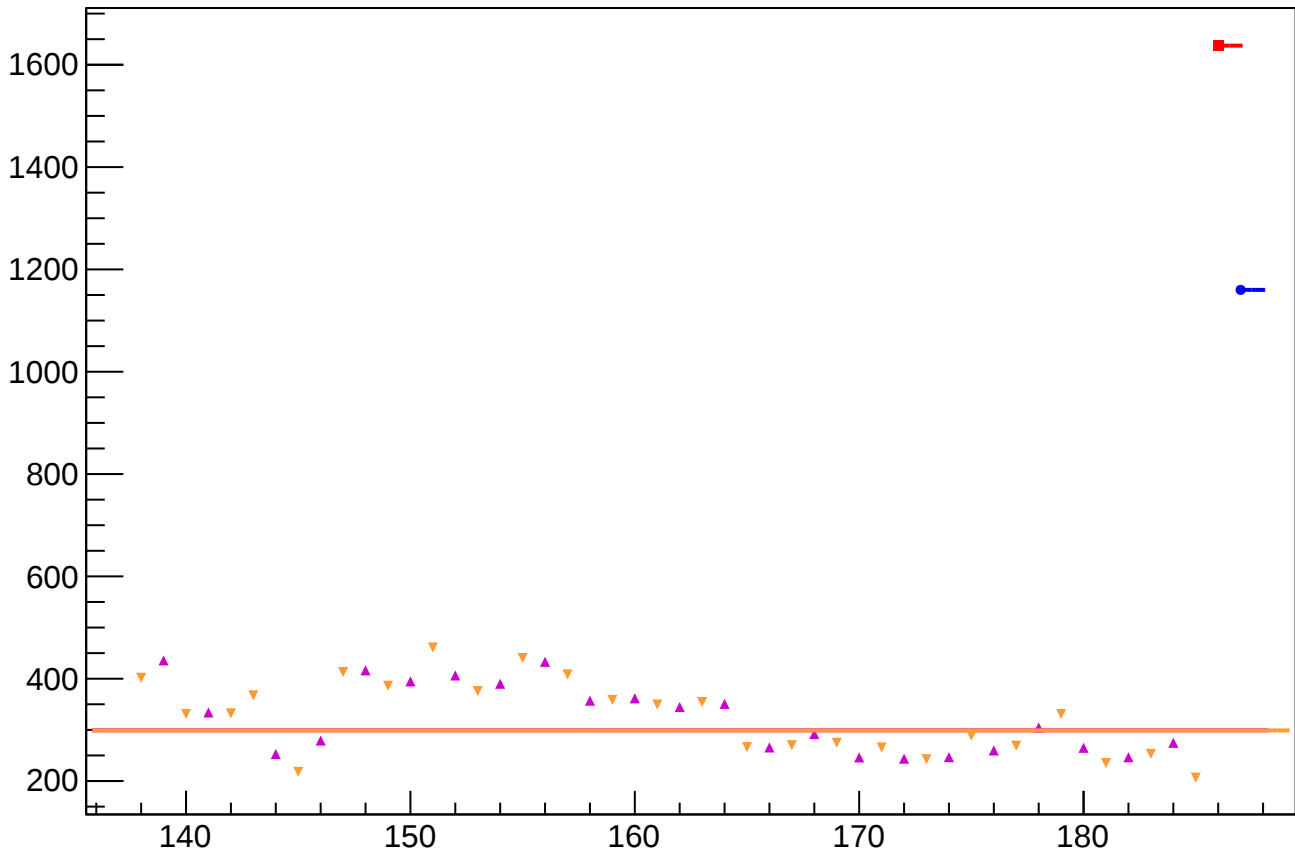
Left In: -10.264 $\pm$ 72.816 χ^2/NDF :30.2/22

+ sign 195.213 $\pm$ 71.573 χ^2/NDF : 46.4/25

All: 95.842 $\pm$ 51.034 χ^2/NDF : 83.3/49

- sign -6.933 $\pm$ 72.789 χ^2/NDF : 33.0/23

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 1159.989 $\pm$ 2.111 χ^2 /NDF: 0.0/0

Left Out: 298.961 $\pm$ 0.051 χ^2 /NDF: 1678647.8/24

Right Out: 1637.381 $\pm$ 1.882 χ^2 /NDF: 0.0/0

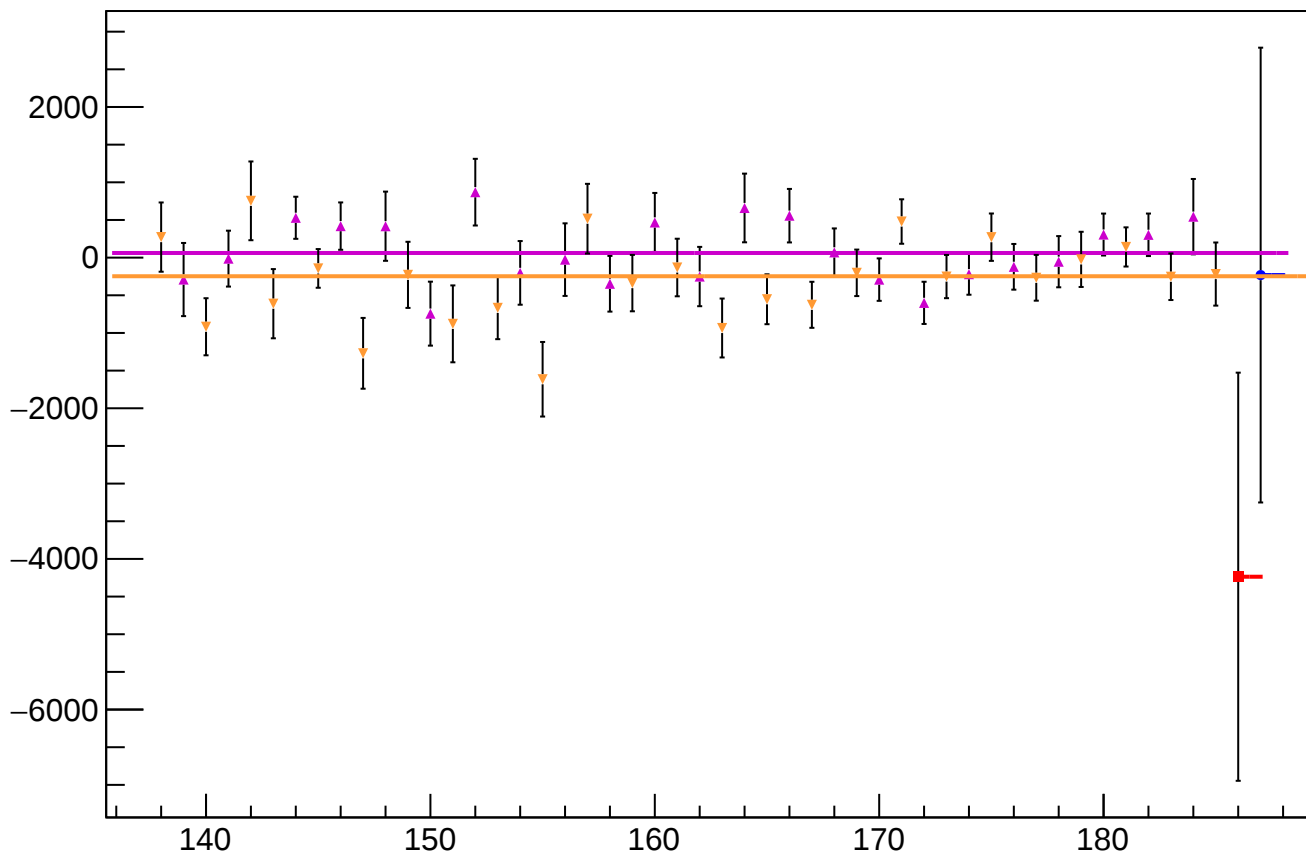
Left In: 299.127 $\pm$ 0.051 χ^2 /NDF: 1348388.7/22

+ sign 299.456 $\pm$ 0.051 χ^2 /NDF: 1844971.3/25

All: 299.786 $\pm$ 0.036 χ^2 /NDF: 3698502.4/49

- sign 300.127 $\pm$ 0.051 χ^2 /NDF: 1853444.7/23

asym_sam_15_37_dd_mean vs Slug



Right In: -231.571 ± 3019.116 χ^2/NDF : 0.0/0

Left Out: -247.108 ± 71.218 χ^2/NDF : 43.6/24

Right Out: -4236.524 ± 2709.363 χ^2/NDF : 0.0/0

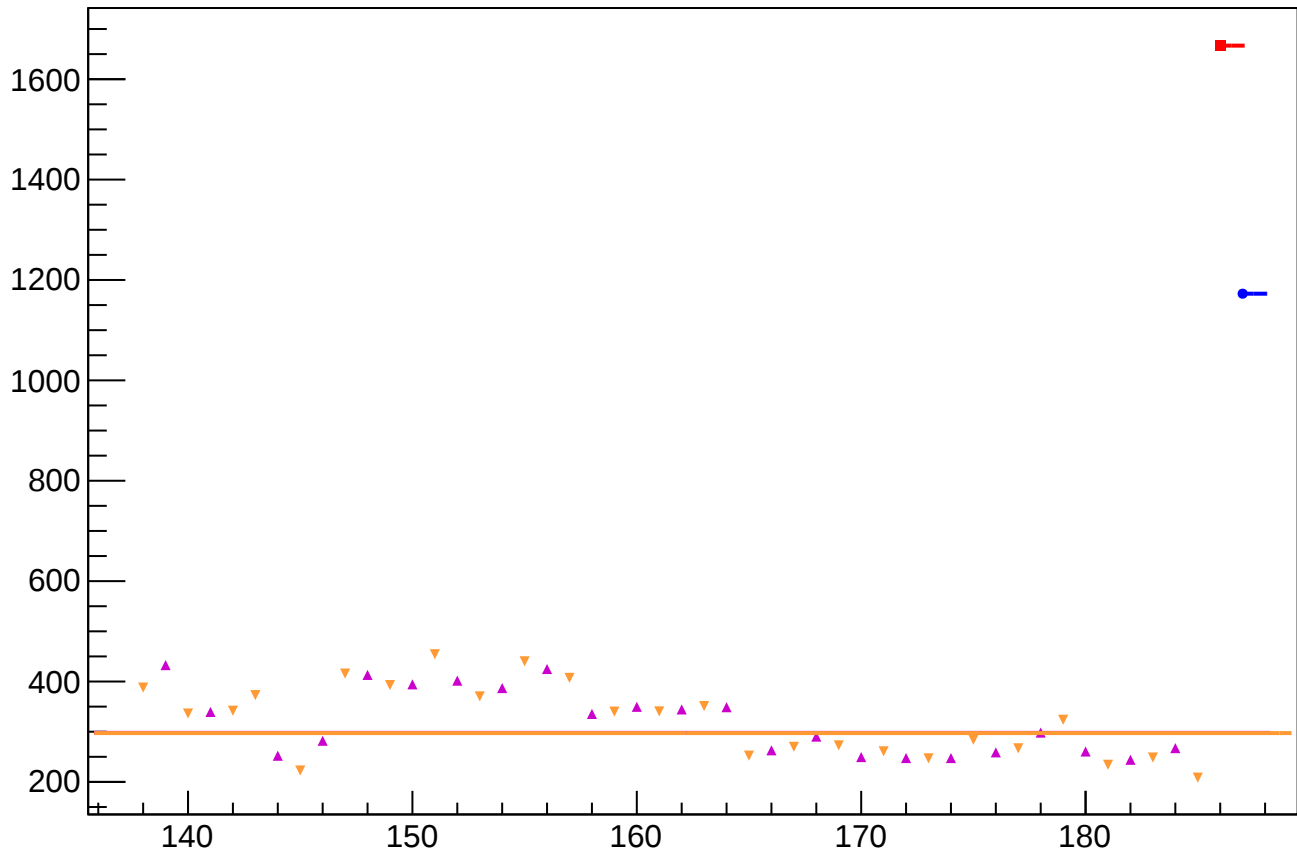
Left In: 61.707 ± 72.478 χ^2/NDF : 30.3/22

+ sign -247.099 ± 71.198 χ^2/NDF : 43.6/25

All: -96.901 ± 50.782 χ^2/NDF : 85.5/49

- sign 58.633 ± 72.452 χ^2/NDF : 32.8/23

asym_sam_15_37_dd_rms vs Slug



Right In: 1172.669 $\pm$ 2.135 χ^2 /NDF: 0.0/0

Left Out: 297.273 $\pm$ 0.050 χ^2 /NDF:1627904.5/24

Right Out: 1666.884 $\pm$ 1.916 χ^2 /NDF: 0.0/0

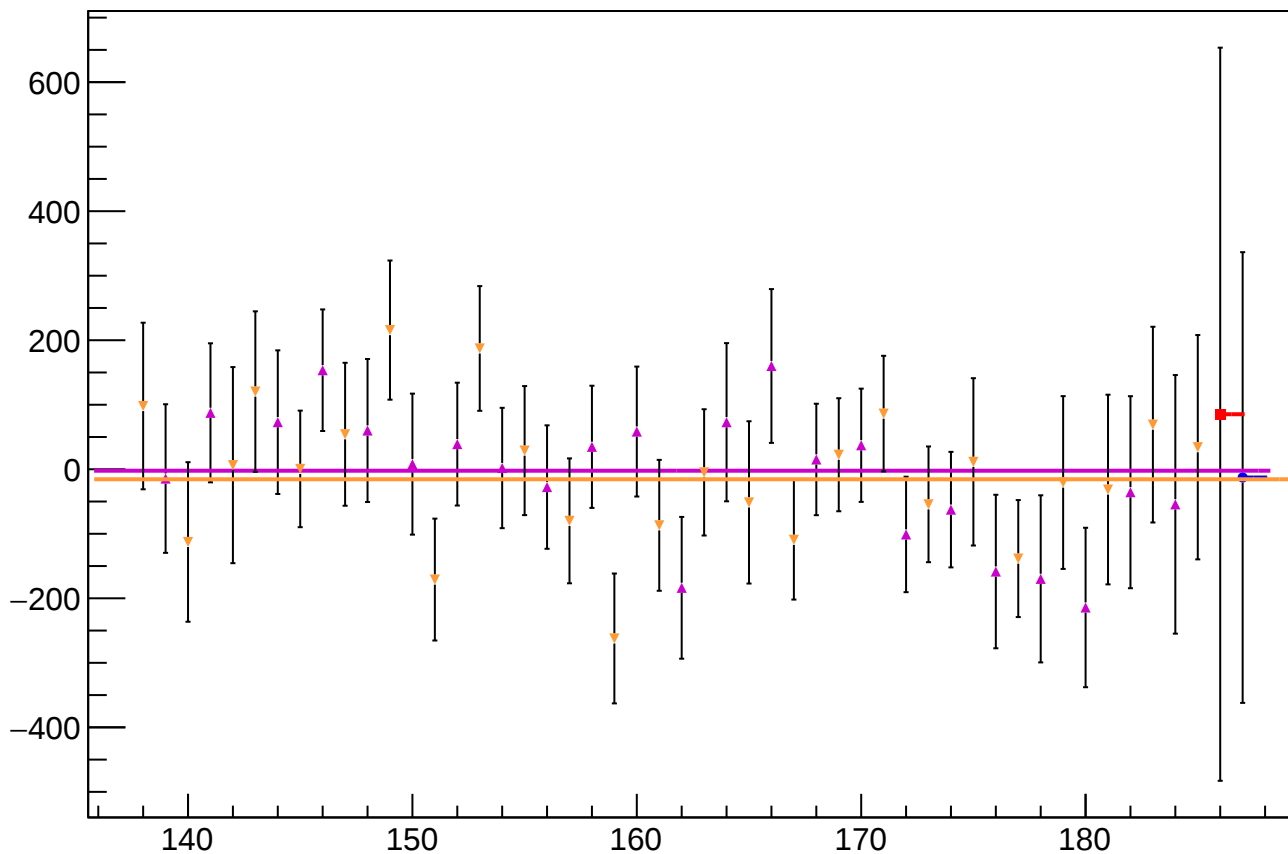
Left In: 297.696 $\pm$ 0.051 χ^2 /NDF:1274607.7/22

+ sign 297.760 $\pm$ 0.050 χ^2 /NDF: 1795954.2/25

All: 298.210 $\pm$ 0.036 χ^2 /NDF: 3581124.7/49

- sign 298.675 $\pm$ 0.051 χ^2 /NDF: 1785008.0/23

dit_asym_sam_24_68_dd_mean vs Slug



Right In: -12.812 ± 349.284 χ^2/NDF : 0.0/0

Left Out: -15.520 ± 21.475 χ^2/NDF : 27.0/24

Right Out: 85.293 ± 568.145 χ^2/NDF : 0.0/0

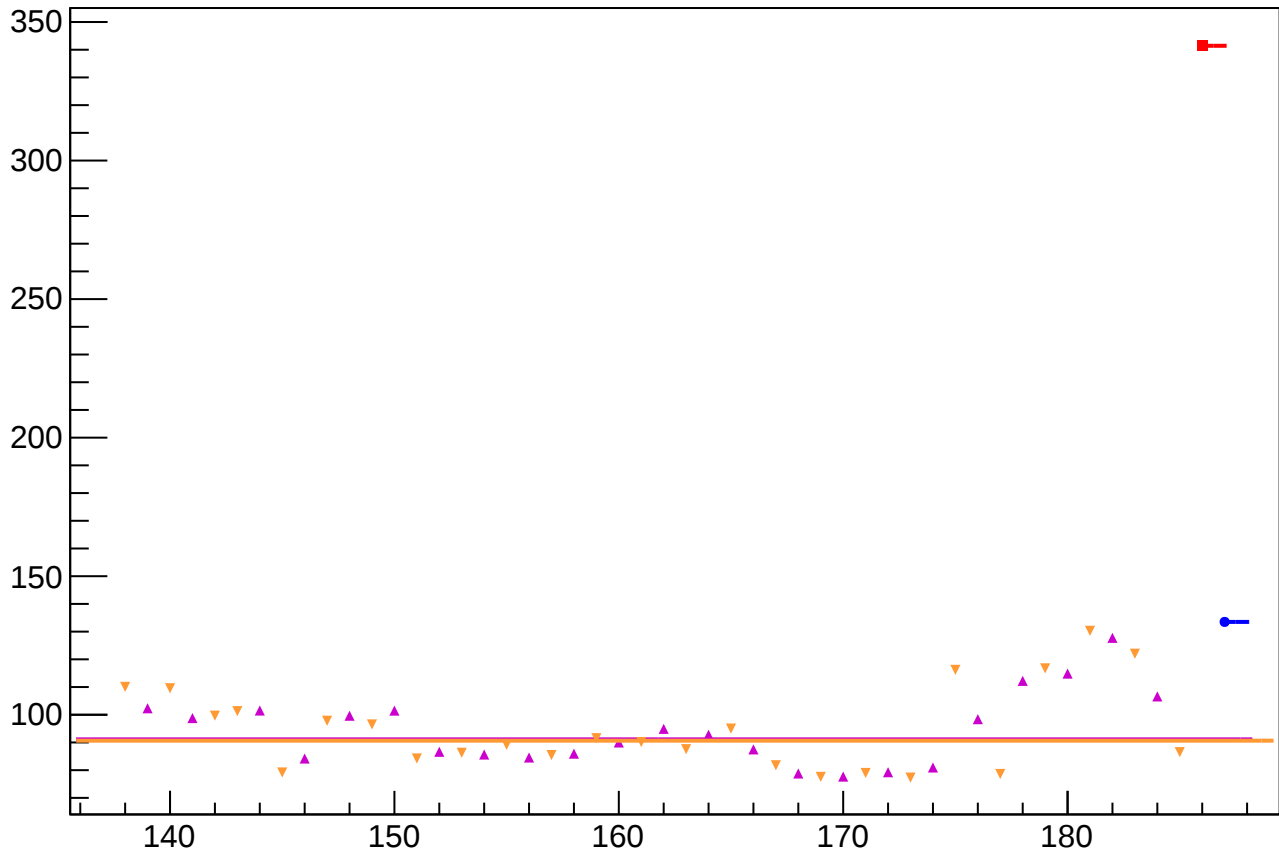
Left In: -2.238 ± 22.012 χ^2/NDF : 18.3/22

+ sign -15.510 ± 21.435 χ^2/NDF : 27.0/25

All: -8.981 ± 15.351 χ^2/NDF : 45.5/49

- sign -2.107 ± 21.995 χ^2/NDF : 18.4/23

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 133.503 $\pm$ 0.247 χ^2 /NDF: 0.0/0

Left Out: 90.645 $\pm$ 0.015 χ^2 /NDF: 746430.1/24

Right Out: 341.421 $\pm$ 0.402 χ^2 /NDF: 0.0/0

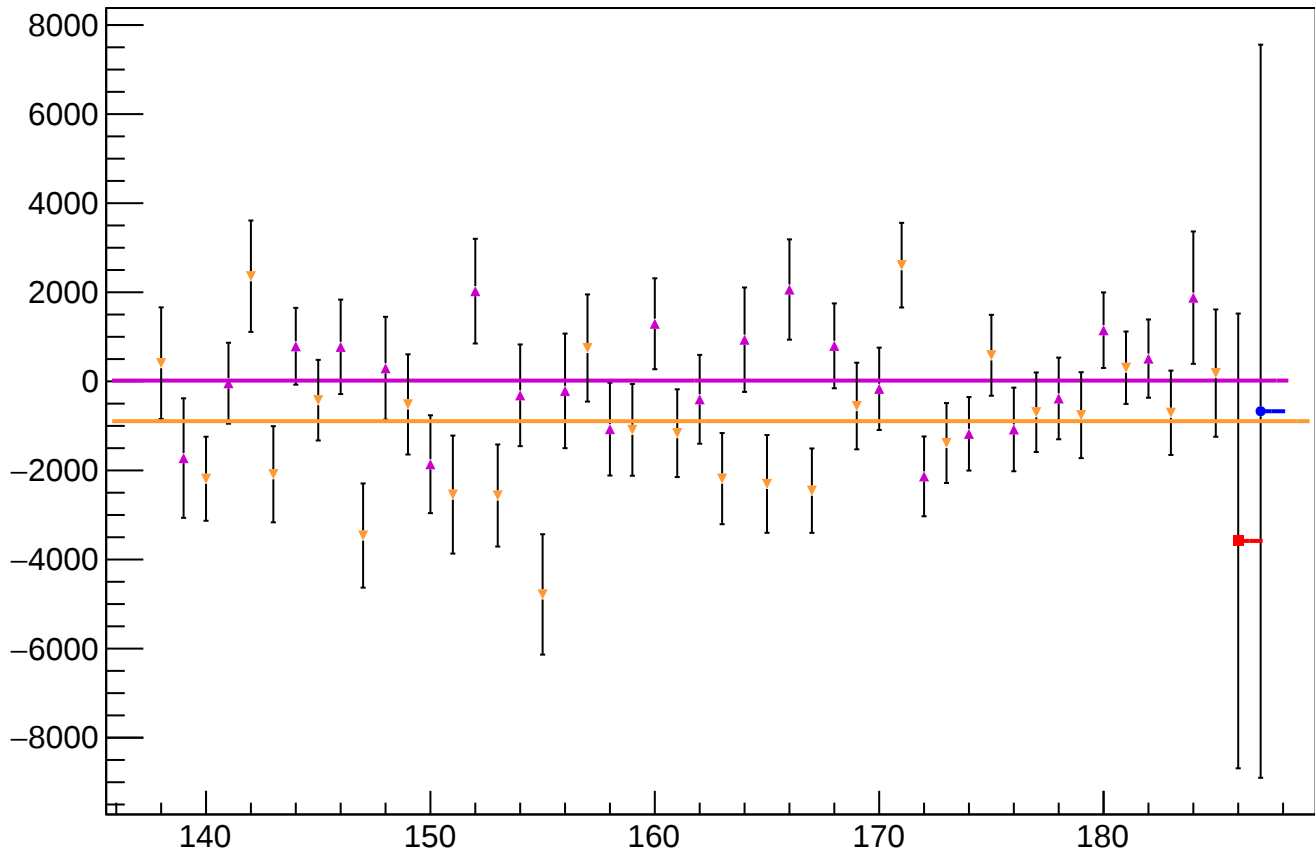
Left In: 91.121 $\pm$ 0.016 χ^2 /NDF: 534843.6/22

+ sign 90.807 $\pm$ 0.015 χ^2 /NDF: 776427.4/25

All: 91.142 $\pm$ 0.011 χ^2 /NDF: 1699876.5/49

- sign 91.496 $\pm$ 0.016 χ^2 /NDF: 922442.3/23

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -670.793+/-8229.878 χ^2/NDF : 0.0/0

Left Out: -893.973+/-206.256 χ^2/NDF : 55.5/24

Right Out: -3582.457+/-5104.653 χ^2/NDF : 0.0/0

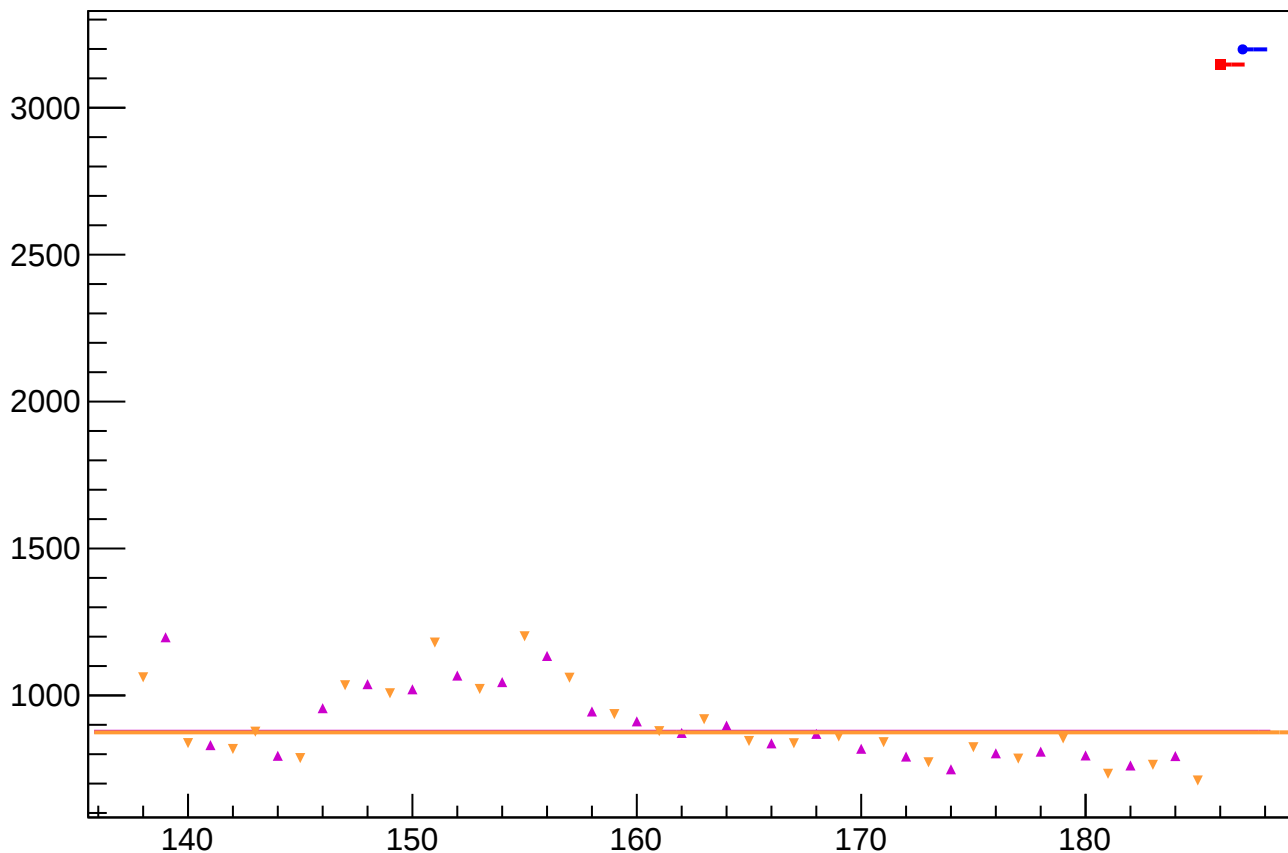
Left In: 17.607+/-210.691 χ^2/NDF : 29.5/22

+ sign -893.832+/-206.191 χ^2/NDF : 55.5/25

All: -450.560+/-147.303 χ^2/NDF : 95.0/49

- sign 11.485+/-210.512 χ^2/NDF : 30.0/23

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 3198.623+/-5.819 χ^2/NDF : 0.0/0

Left Out: 874.364+/-0.146 χ^2/NDF : 625478.5/24

Right Out: 3147.019+/-3.610 χ^2/NDF : 0.0/0

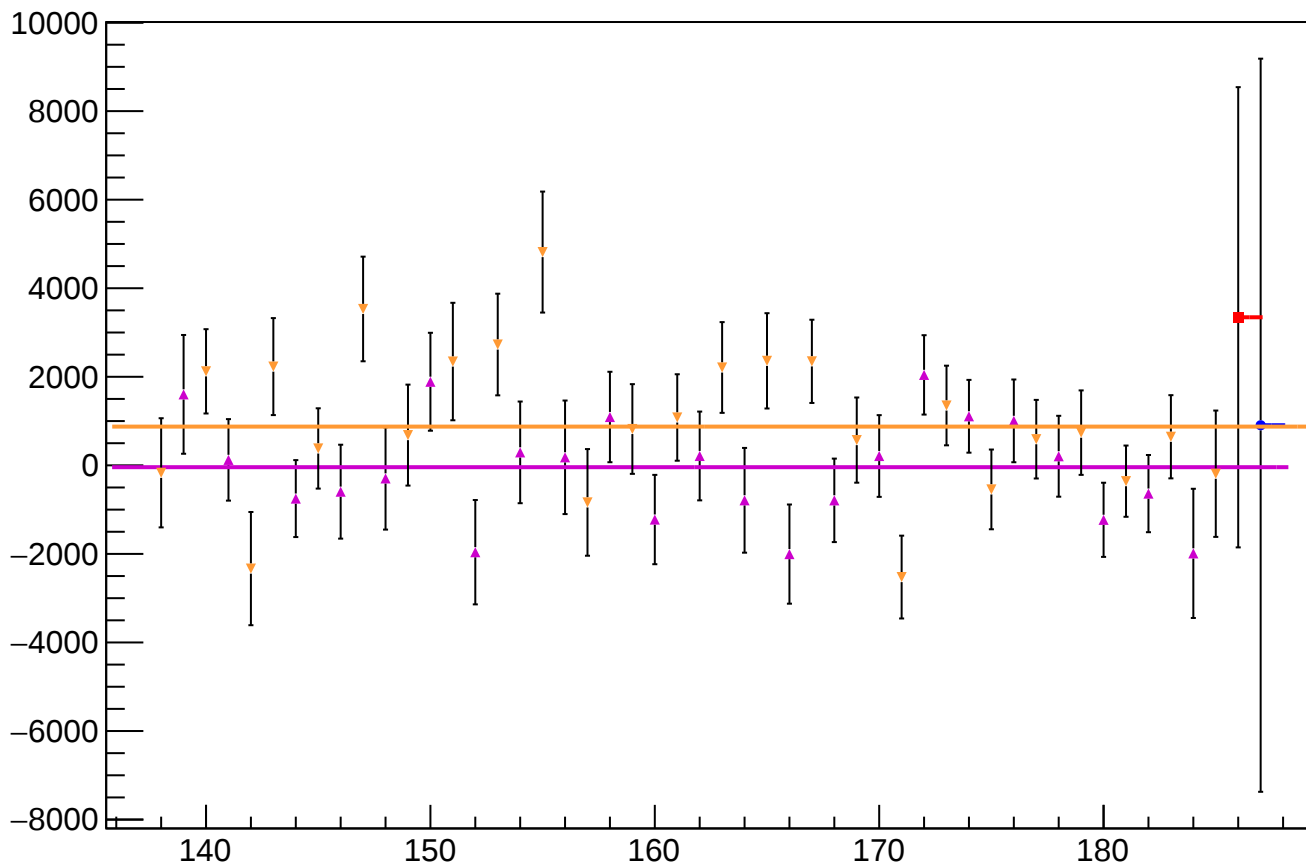
Left In: 876.305+/-0.149 χ^2/NDF : 569671.1/22

+ sign 875.823+/-0.146 χ^2/NDF : 784897.3/25

All: 877.950+/-0.104 χ^2/NDF : 1750081.3/49

- sign 880.167+/-0.149 χ^2/NDF : 964749.3/23

asym_sam_24_68_dd_mean vs Slug



Right In: 905.920 $\pm$ 8278.654 χ^2 /NDF: 0.0/0

Left Out: 875.084 $\pm$ 205.572 χ^2 /NDF:55.1/24

Right Out: 3344.154 $\pm$ 5197.183 χ^2 /NDF: 0.0/0

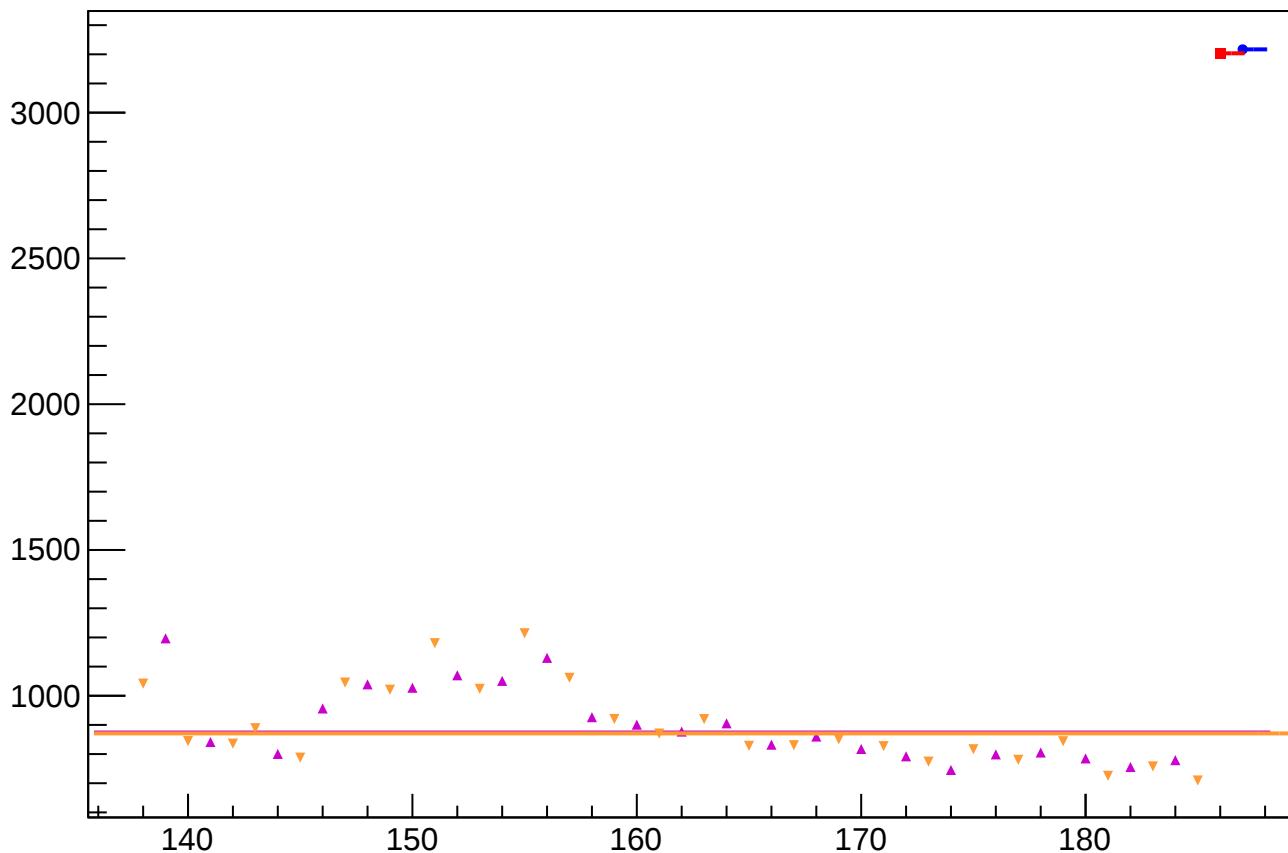
Left In: -41.523 $\pm$ 210.209 χ^2 /NDF:28.1/22

+ sign 875.103 $\pm$ 205.509 χ^2 /NDF: 55.1/25

All: 429.482 $\pm$ 146.891 χ^2 /NDF: 93.2/49

- sign -35.993 $\pm$ 210.037 χ^2 /NDF: 28.6/23

asym_sam_24_68_dd_rms vs Slug



Right In: 3216.942 $\pm$ 5.854 χ^2 /NDF: 0.0/0

Left Out: 870.853 $\pm$ 0.145 χ^2 /NDF: 651805.6/24

Right Out: 3203.449 $\pm$ 3.675 χ^2 /NDF: 0.0/0

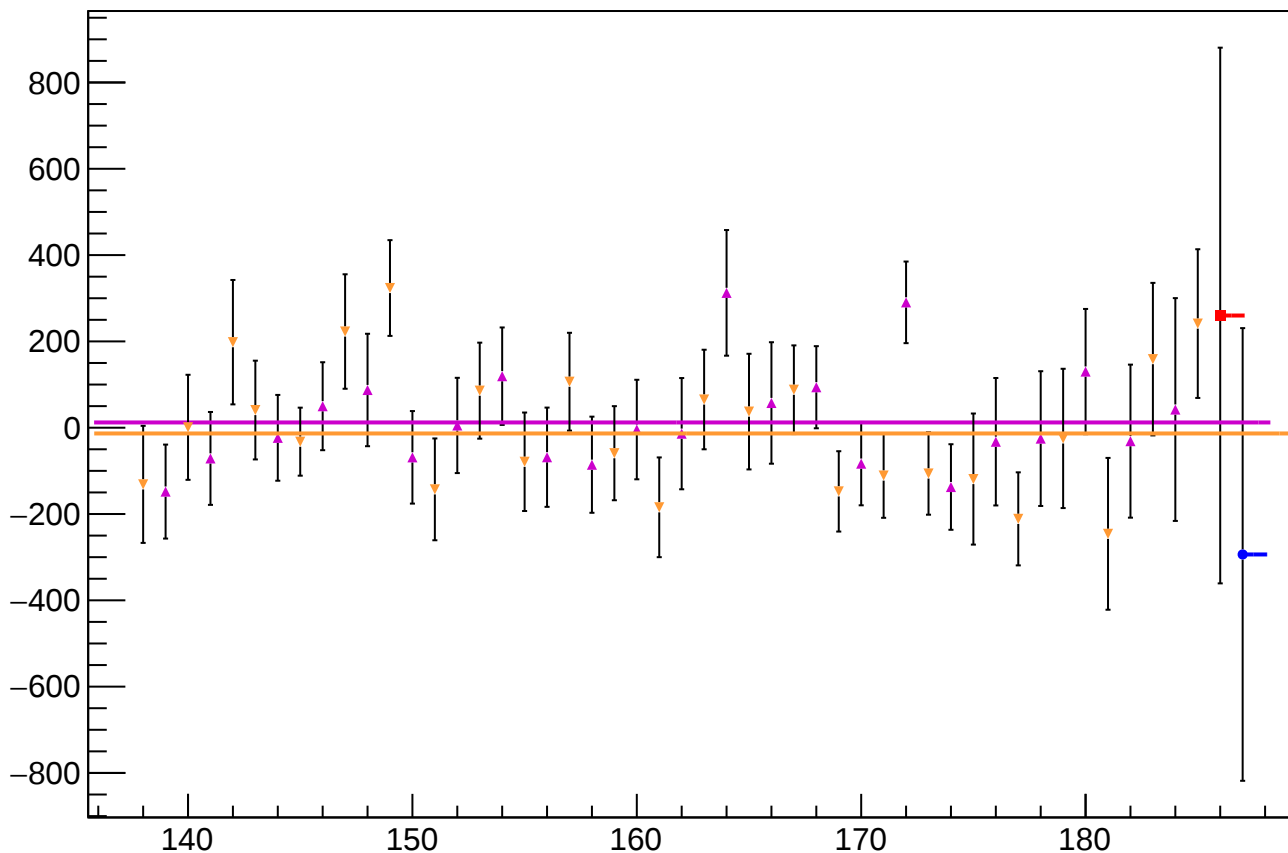
Left In: 873.902 $\pm$ 0.149 χ^2 /NDF: 583344.5/22

+ sign 872.299 $\pm$ 0.145 χ^2 /NDF: 812326.6/25

All: 874.944 $\pm$ 0.104 χ^2 /NDF: 1797517.3/49

- sign 877.707 $\pm$ 0.149 χ^2 /NDF: 984513.2/23

dit_asym_sam_26_48_dd_mean vs Slug



Right In: -293.720 ± 524.484 χ^2/NDF : 0.0/0

Left Out: -13.337 ± 23.361 χ^2/NDF : 35.8/24

Right Out: 259.959 ± 620.689 χ^2/NDF : 0.0/0

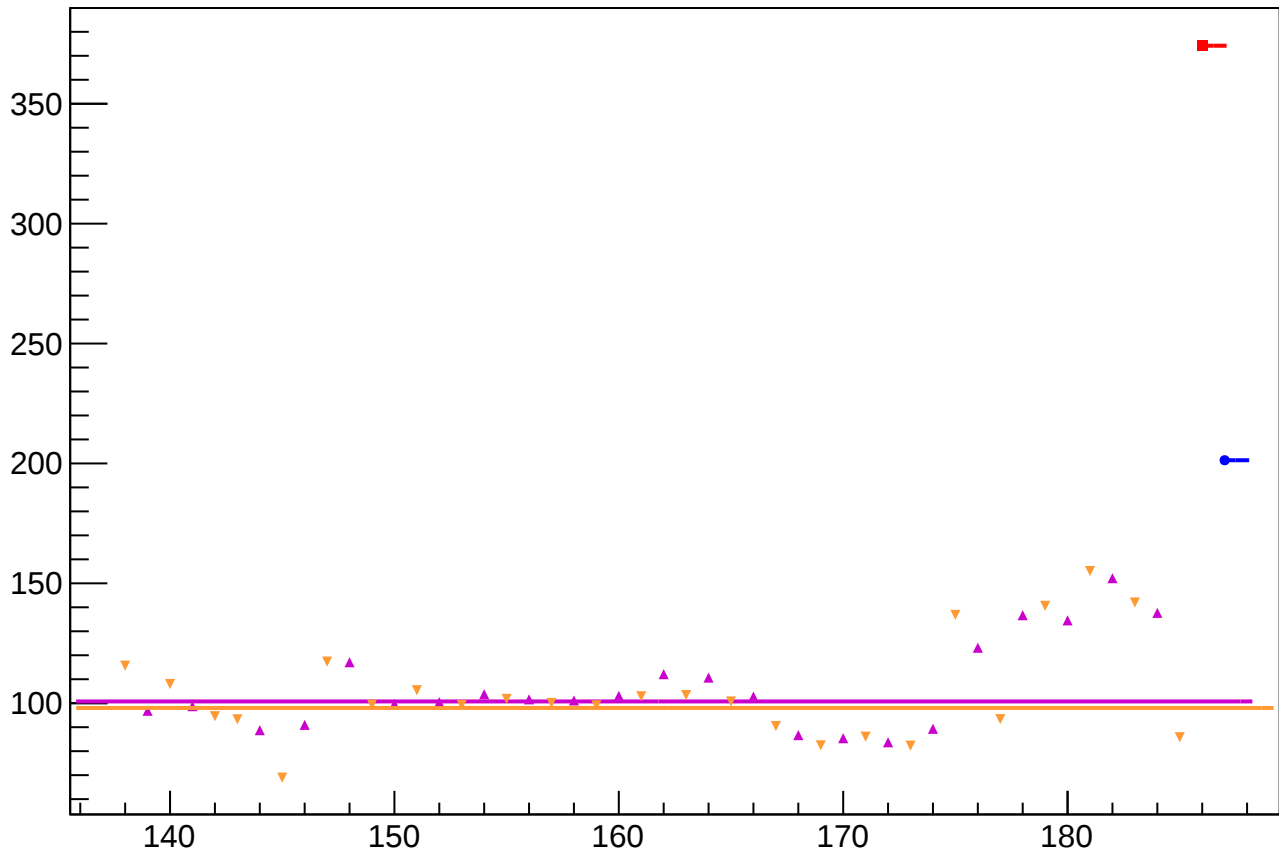
Left In: 12.180 ± 24.424 χ^2/NDF : 24.1/22

+ sign -13.892 ± 23.338 χ^2/NDF : 36.0/25

All: -1.256 ± 16.867 χ^2/NDF : 60.9/49

- sign 12.563 ± 24.405 χ^2/NDF : 24.2/23

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 201.330 $\pm$ 0.371 χ^2 /NDF: 0.0/0

Left Out: 98.025 $\pm$ 0.017 χ^2 /NDF: 1155755.3/24

Right Out: 374.201 $\pm$ 0.439 χ^2 /NDF: 0.0/0

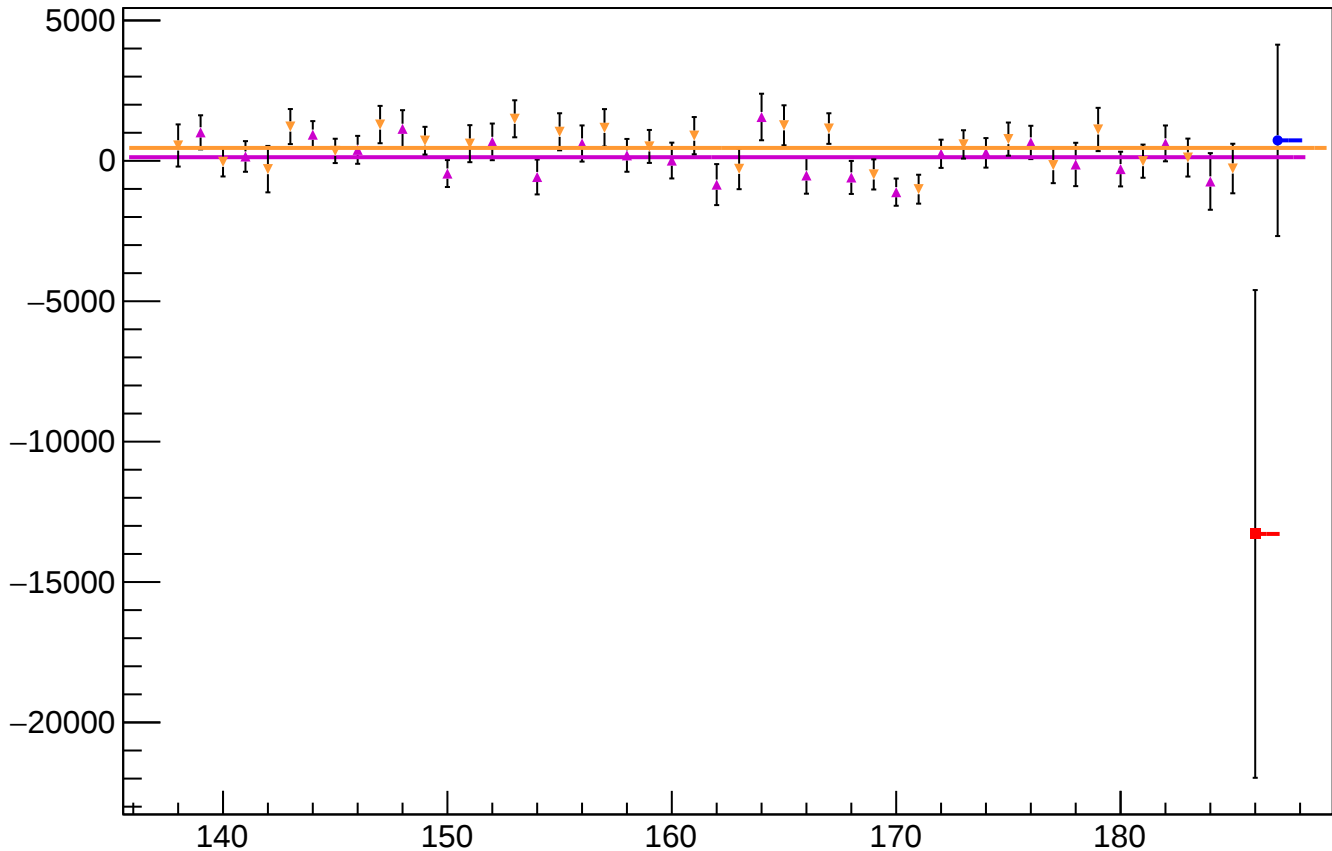
Left In: 100.743 $\pm$ 0.017 χ^2 /NDF: 765132.3/22

+ sign 98.230 $\pm$ 0.017 χ^2 /NDF: 1233192.3/25

All: 99.632 $\pm$ 0.012 χ^2 /NDF: 2401050.4/49

- sign 101.165 $\pm$ 0.017 χ^2 /NDF: 1152740.4/23

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 729.518 $\pm$ 3407.994 χ^2/NDF : 0.0/0

Left Out: 460.425 $\pm$ 121.966 χ^2/NDF : 28.8/24

Right Out: -13286.851 $\pm$ 8684.856 χ^2/NDF : 0.0/0

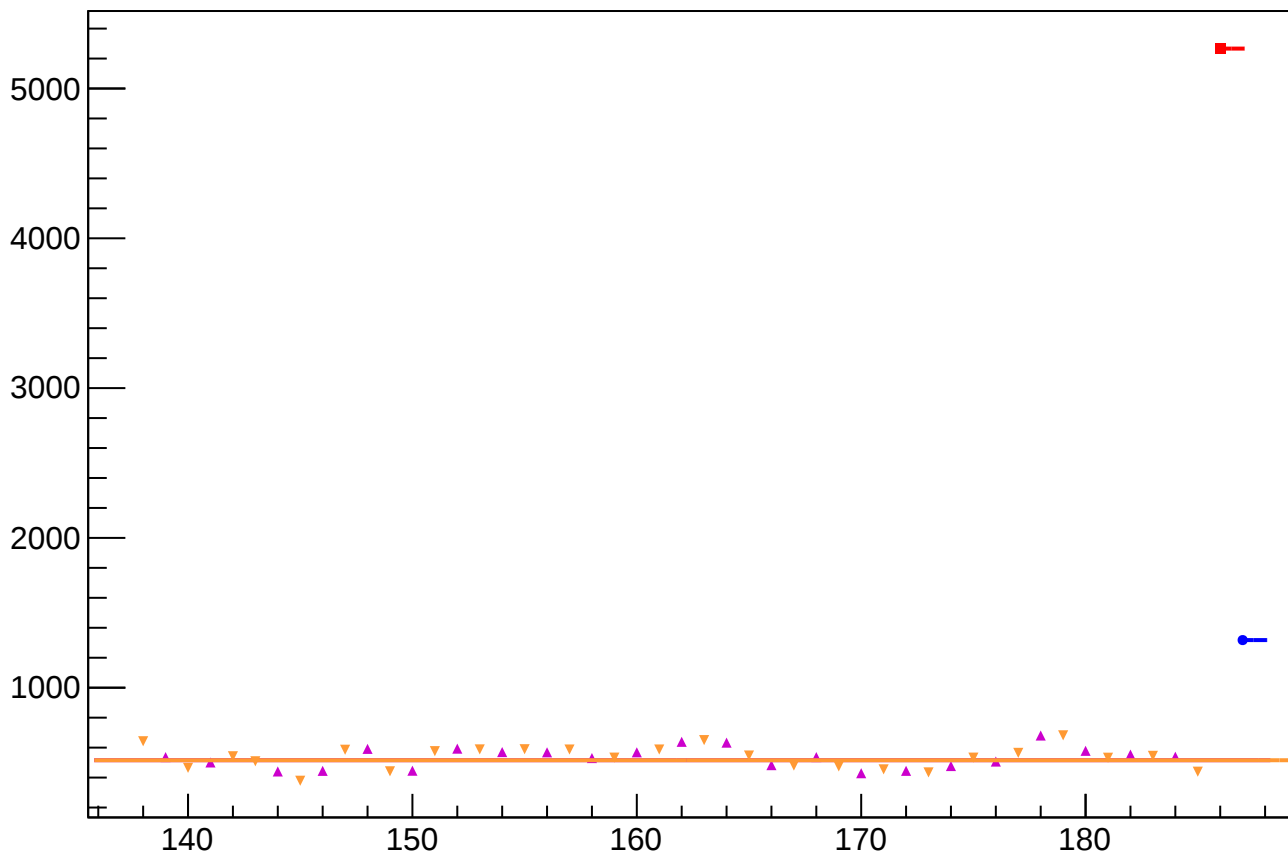
Left In: 129.944 $\pm$ 124.245 χ^2/NDF : 28.3/22

+ sign 460.769 $\pm$ 121.888 χ^2/NDF : 28.8/25

All: 297.161 $\pm$ 87.005 χ^2/NDF : 63.1/49

- sign 127.198 $\pm$ 124.232 χ^2/NDF : 30.7/23

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 1317.864 $\pm$ 2.410 χ^2 /NDF: 0.0/0

Left Out: 515.747 $\pm$ 0.086 χ^2 /NDF: 758795.8/24

Right Out: 5266.495 $\pm$ 6.141 χ^2 /NDF: 0.0/0

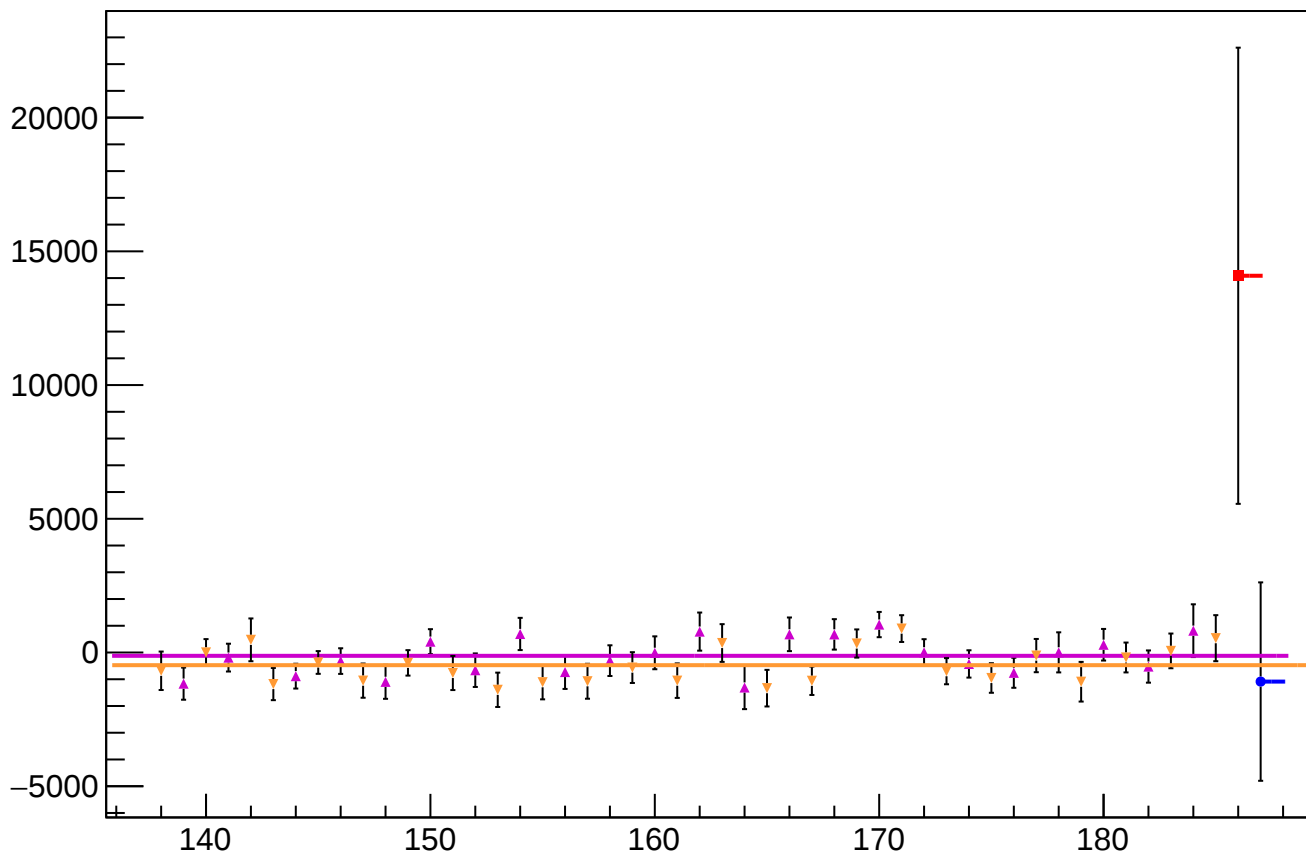
Left In: 516.102 $\pm$ 0.088 χ^2 /NDF: 572973.7/22

+ sign 516.773 $\pm$ 0.086 χ^2 /NDF: 869445.8/25

All: 516.921 $\pm$ 0.062 χ^2 /NDF: 2040664.8/49

- sign 517.074 $\pm$ 0.088 χ^2 /NDF: 1171213.1/23

asym_sam_26_48_dd_mean vs Slug



Right In: -1087.606 ± 3709.487 χ^2/NDF : 0.0/0

Left Out: -473.870 ± 117.977 χ^2/NDF : 27.9/24

Right Out: 14086.926 ± 8528.393 χ^2/NDF : 0.0/0

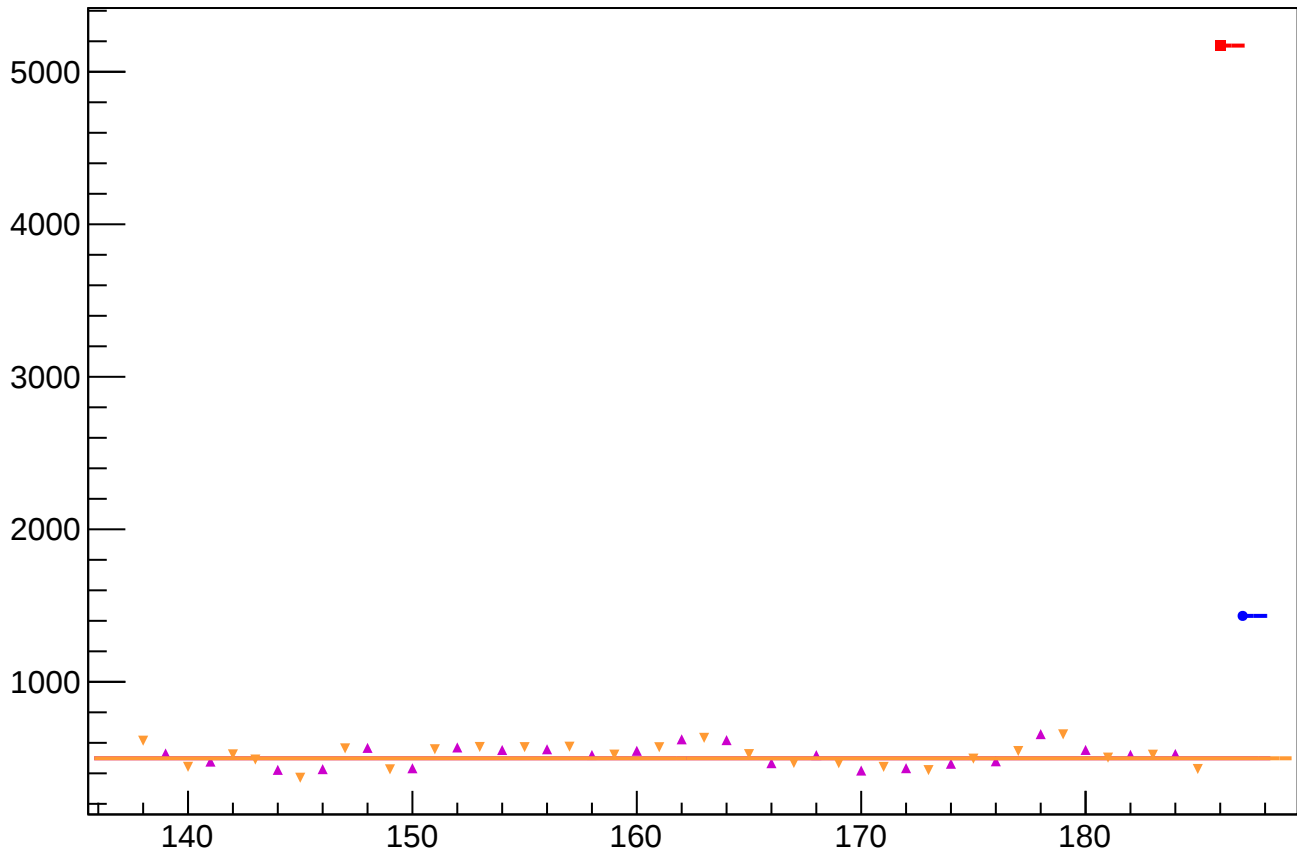
Left In: -124.022 ± 120.216 χ^2/NDF : 30.2/22

+ sign -474.491 ± 117.918 χ^2/NDF : 28.0/25

All: -301.237 ± 84.177 χ^2/NDF : 65.3/49

- sign -121.199 ± 120.204 χ^2/NDF : 33.0/23

asym_sam_26_48_dd_rms vs Slug



Right In: 1432.394 $\pm$ 2.623 χ^2 /NDF: 0.0/0

Left Out: 498.662 $\pm$ 0.083 χ^2 /NDF: 734652.4/24

Right Out: 5171.734 $\pm$ 6.030 χ^2 /NDF: 0.0/0

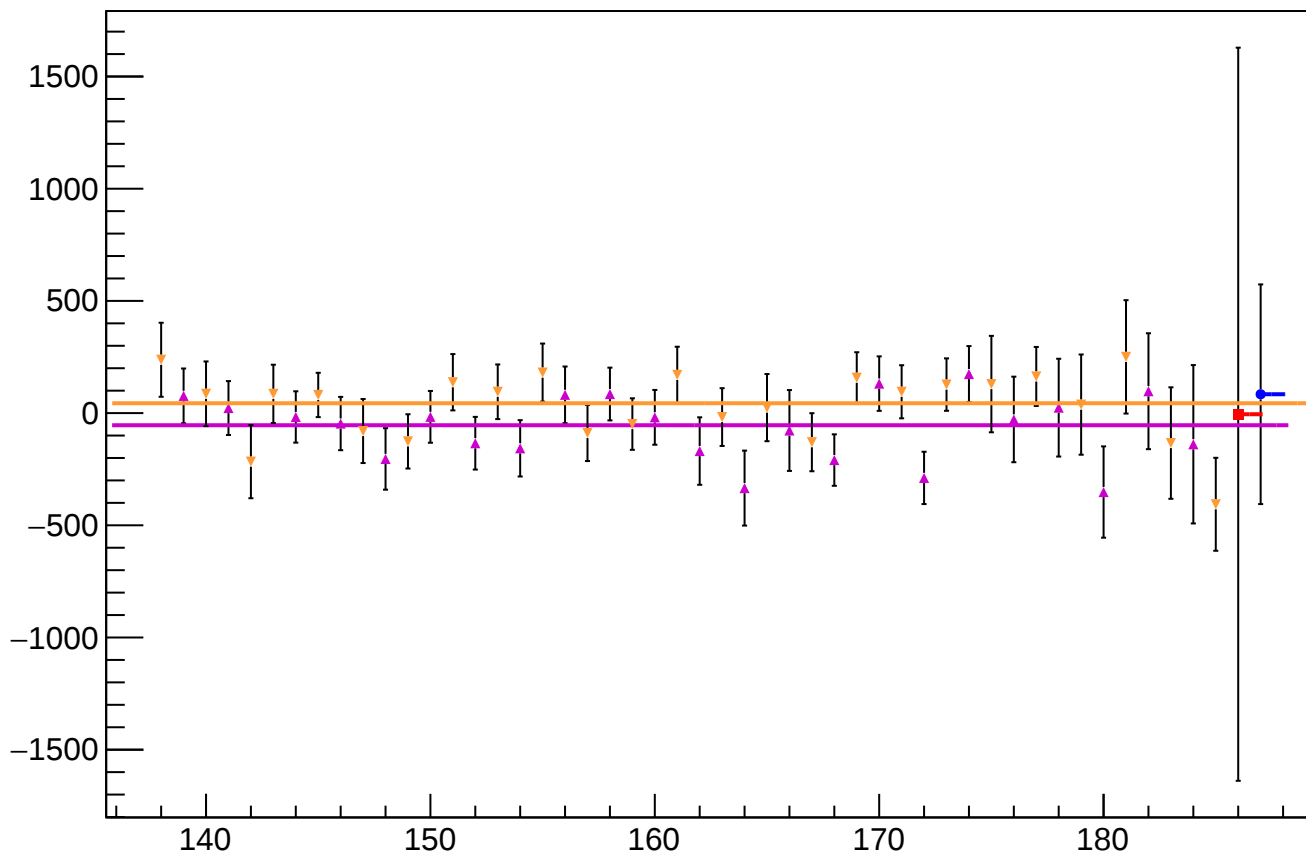
Left In: 498.835 $\pm$ 0.085 χ^2 /NDF: 572334.3/22

+ sign 499.606 $\pm$ 0.083 χ^2 /NDF: 861244.8/25

All: 499.683 $\pm$ 0.060 χ^2 /NDF: 2033899.8/49

- sign 499.763 $\pm$ 0.085 χ^2 /NDF: 1172653.3/23

dit_asym_sam_1548_avg_mean vs Slug



Right In: 84.066 ± 489.484 χ^2/NDF : 0.0/0

Left Out: 43.944 ± 27.345 χ^2/NDF : 22.2/24

Right Out: -5.046 ± 1633.582 χ^2/NDF : 0.0/0

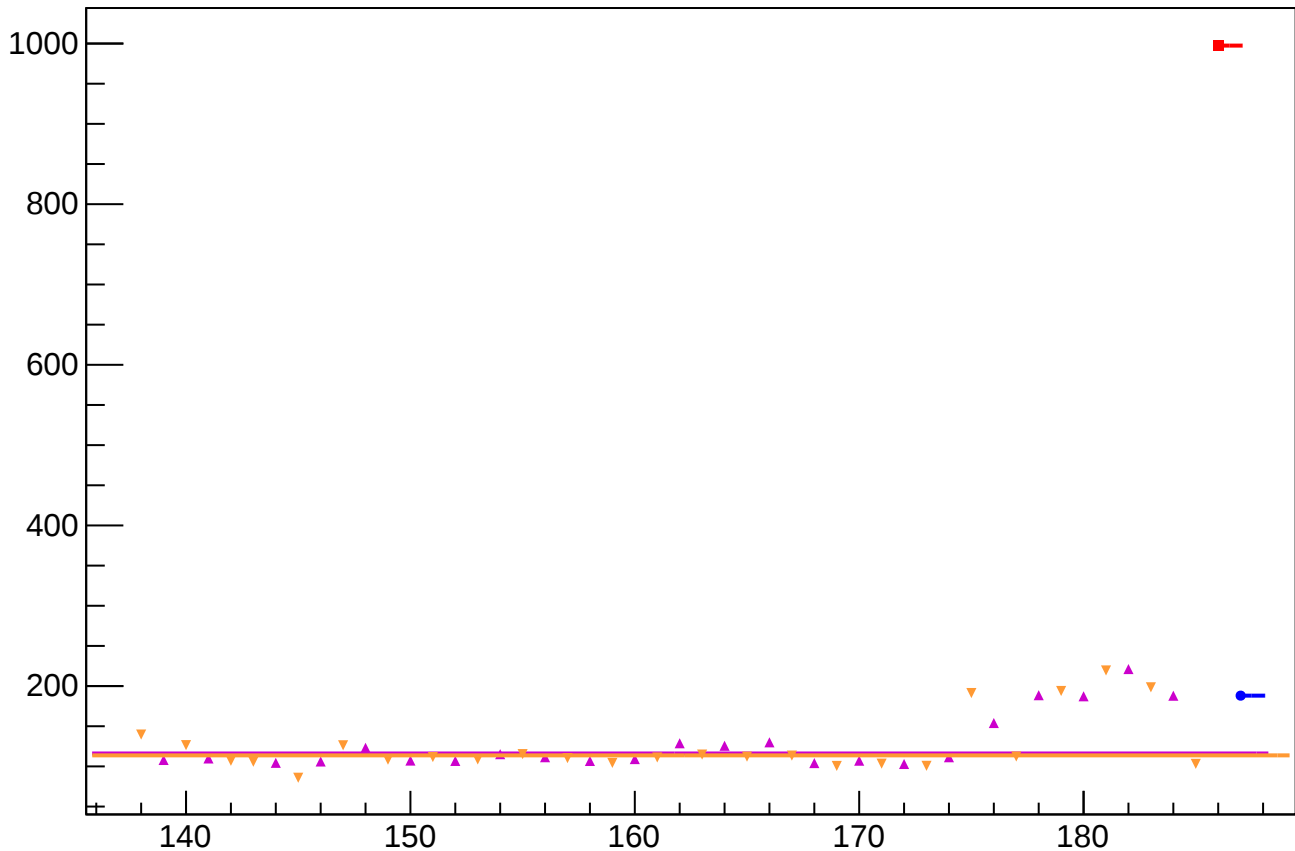
Left In: -54.074 ± 28.411 χ^2/NDF : 24.4/22

+ sign 44.069 ± 27.302 χ^2/NDF : 22.3/25

All: -3.052 ± 19.684 χ^2/NDF : 52.9/49

- sign -54.059 ± 28.406 χ^2/NDF : 24.4/23

dit_asym_sam_1548_avg_rms vs Slug



Right In: 188.090 $\pm$ 0.346 χ^2 /NDF: 0.0/0

Left Out: 113.737 $\pm$ 0.019 χ^2 /NDF:1449004.4/24

Right Out: 997.438 $\pm$ 1.155 χ^2 /NDF: 0.0/0

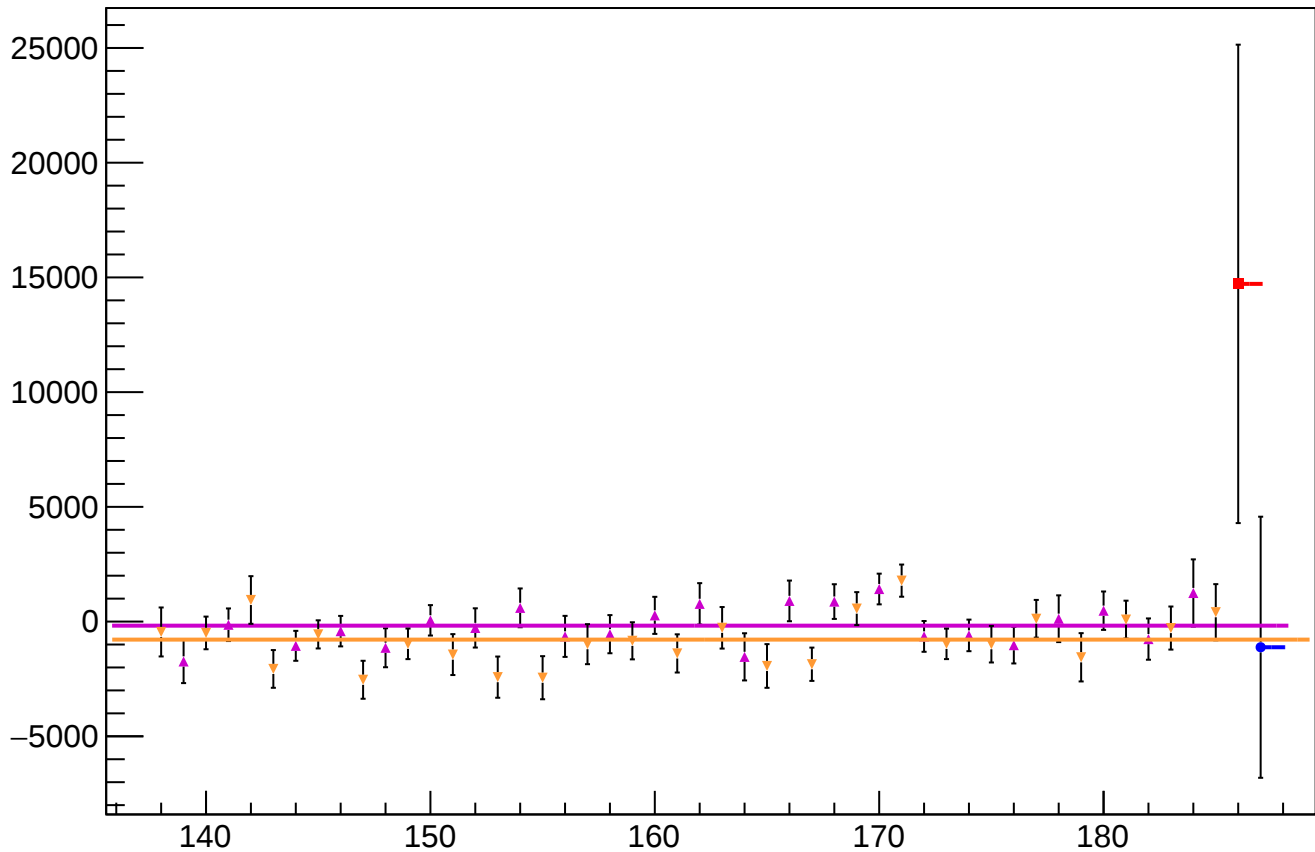
Left In: 116.086 $\pm$ 0.020 χ^2 /NDF:1153706.1/22

+ sign 113.968 $\pm$ 0.019 χ^2 /NDF: 1495007.9/25

All: 115.113 $\pm$ 0.014 χ^2 /NDF: 3238028.7/49

- sign 116.353 $\pm$ 0.020 χ^2 /NDF: 1735696.4/23

asym_sam_1548_avg_correction_mean vs Slug



Right In: -1118.926 $\pm$ 5689.931 χ^2 /NDF: 0.0/0

Left Out: -786.017 $\pm$ 163.870 χ^2 /NDF: 42.9/24

Right Out: 14718.202 $\pm$ 10425.991 χ^2 /NDF: 0.0/0

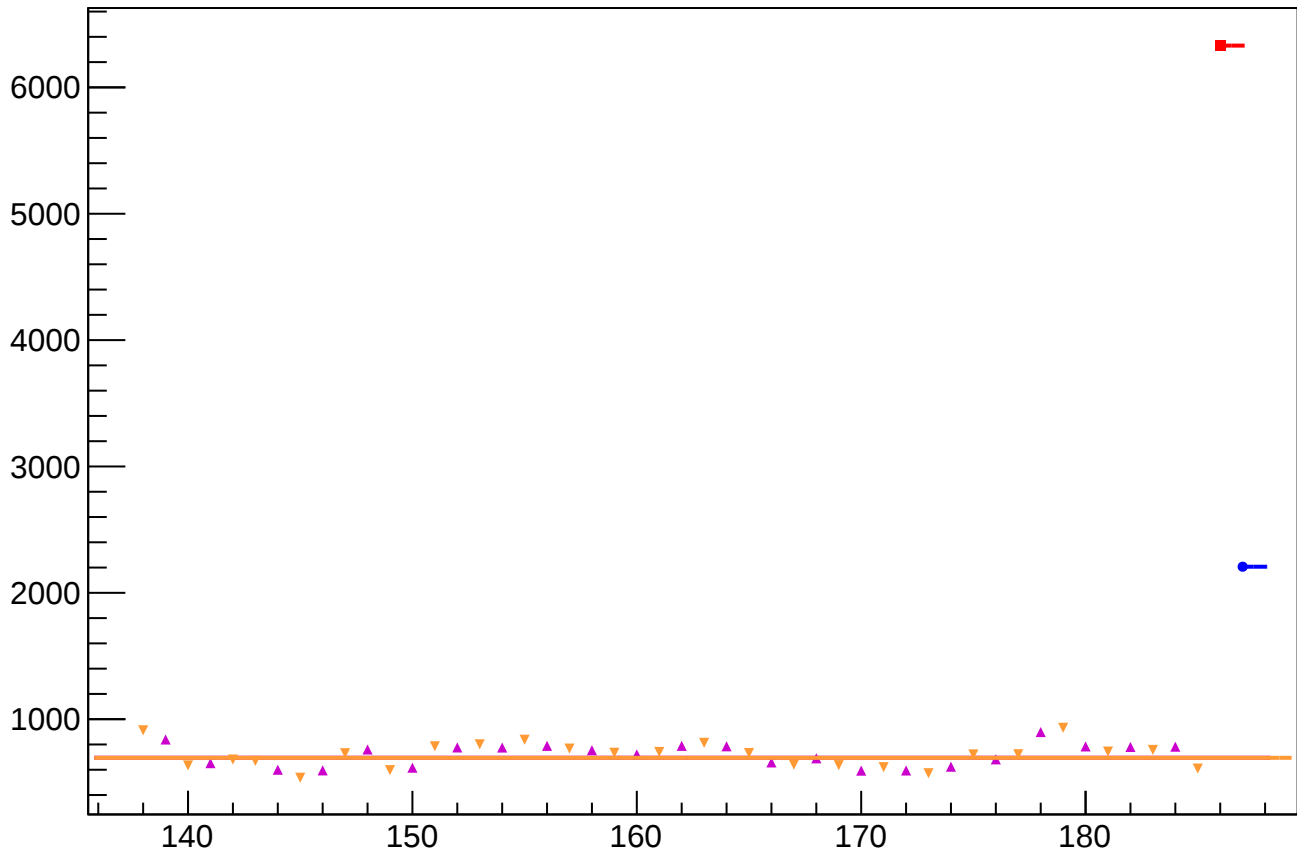
Left In: -178.145 $\pm$ 167.125 χ^2 /NDF: 23.8/22

+ sign -786.293 $\pm$ 163.802 χ^2 /NDF: 42.9/25

All: -486.412 $\pm$ 116.975 χ^2 /NDF: 75.5/49

- sign -174.318 $\pm$ 167.104 χ^2 /NDF: 25.8/23

asym_sam_1548_avg_correction_rms vs Slug



Right In: 2206.735 $\pm$ 4.023 χ^2 /NDF: 0.0/0

Left Out: 694.374 $\pm$ 0.116 χ^2 /NDF: 682913.3/24

Right Out: 6330.674 $\pm$ 7.372 χ^2 /NDF: 0.0/0

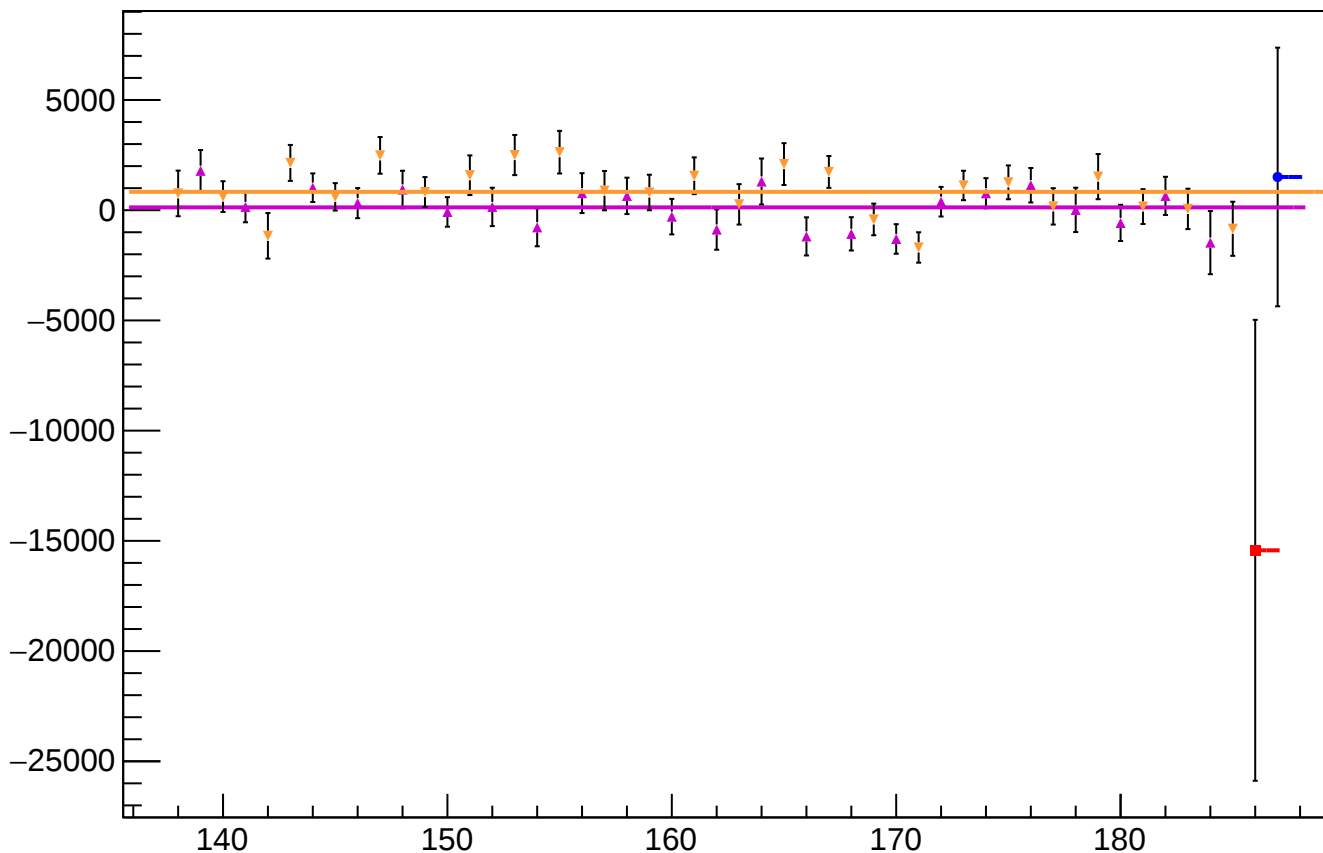
Left In: 695.132 $\pm$ 0.118 χ^2 /NDF: 534747.1/22

+ sign 695.627 $\pm$ 0.116 χ^2 /NDF: 824091.3/25

All: 696.094 $\pm$ 0.083 χ^2 /NDF: 1943063.0/49

- sign 696.580 $\pm$ 0.118 χ^2 /NDF: 1118938.5/23

asym_sam_1548_avg_mean vs Slug



Right In: 1506.366 $\pm$ 5866.523 χ^2 /NDF: 0.0/0

Left Out: 832.553 $\pm$ 163.428 χ^2 /NDF:43.8/24

Right Out: -15429.058 $\pm$ 10455.613 χ^2 /NDF: 0.0/0

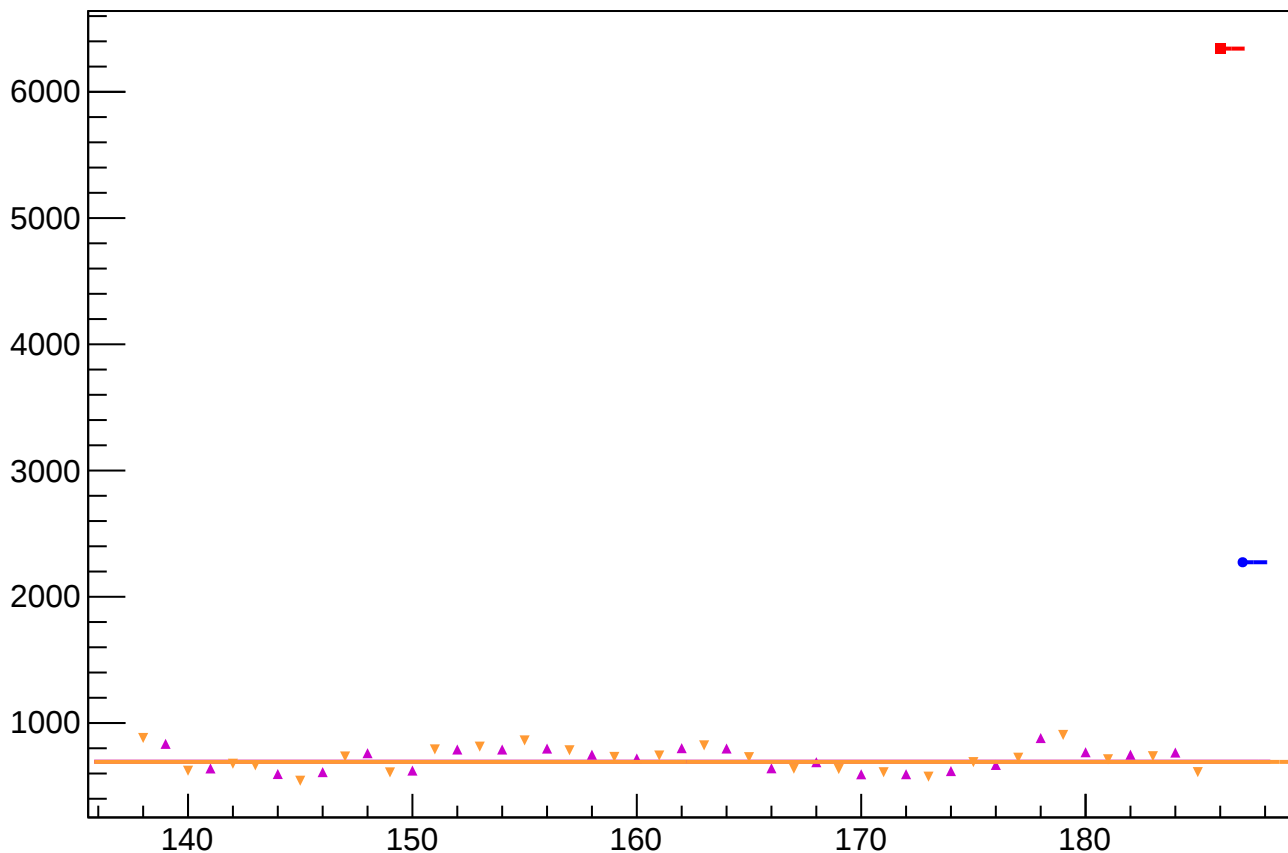
Left In: 128.120 $\pm$ 166.866 χ^2 /NDF:25.3/22

+ sign 833.076 $\pm$ 163.365 χ^2 /NDF: 43.8/25

All: 486.087 $\pm$ 116.727 χ^2 /NDF: 80.5/49

- sign 124.158 $\pm$ 166.844 χ^2 /NDF: 27.5/23

asym_sam_1548_avg_rms vs Slug



Right In: 2273.510+/-4.148 χ^2/NDF : 0.0/0

Left Out: 692.071+/-0.116 χ^2/NDF : 657636.6/24

Right Out: 6342.458+/-7.393 χ^2/NDF : 0.0/0

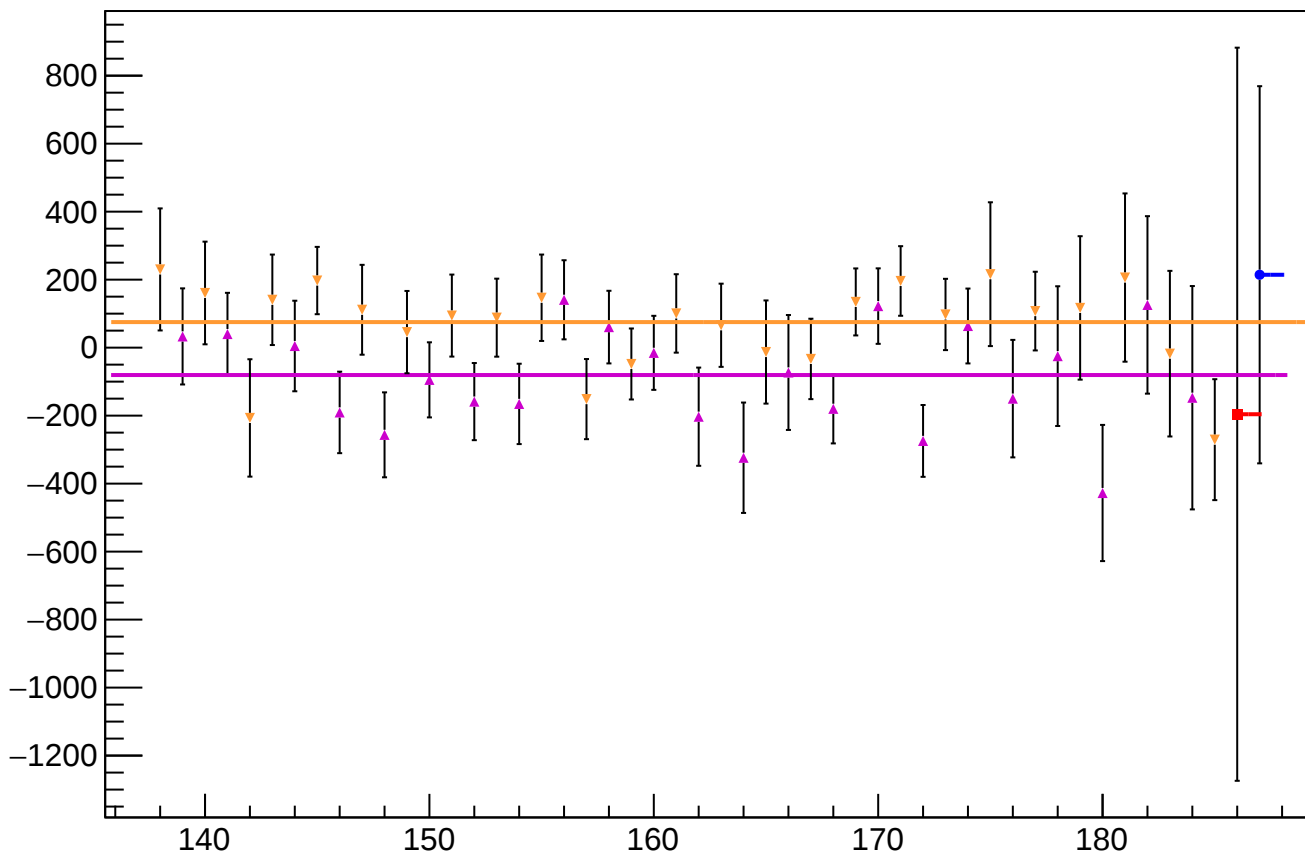
Left In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

+ sign 693.297+/-0.116 χ^2/NDF : 802860.1/25

All: 694.157+/-0.083 χ^2/NDF : 1907298.2/49

- sign 695.054+/-0.118 χ^2/NDF : 1104324.9/23

dit_asym_sam_3748_avg_mean vs Slug



Right In: 214.332 $\pm$ 554.730 χ^2 /NDF: 0.0/0

Left Out: 75.160 $\pm$ 25.879 χ^2 /NDF:18.9/24

Right Out: -195.898 $\pm$ 1078.261 χ^2 /NDF: 0.0/0

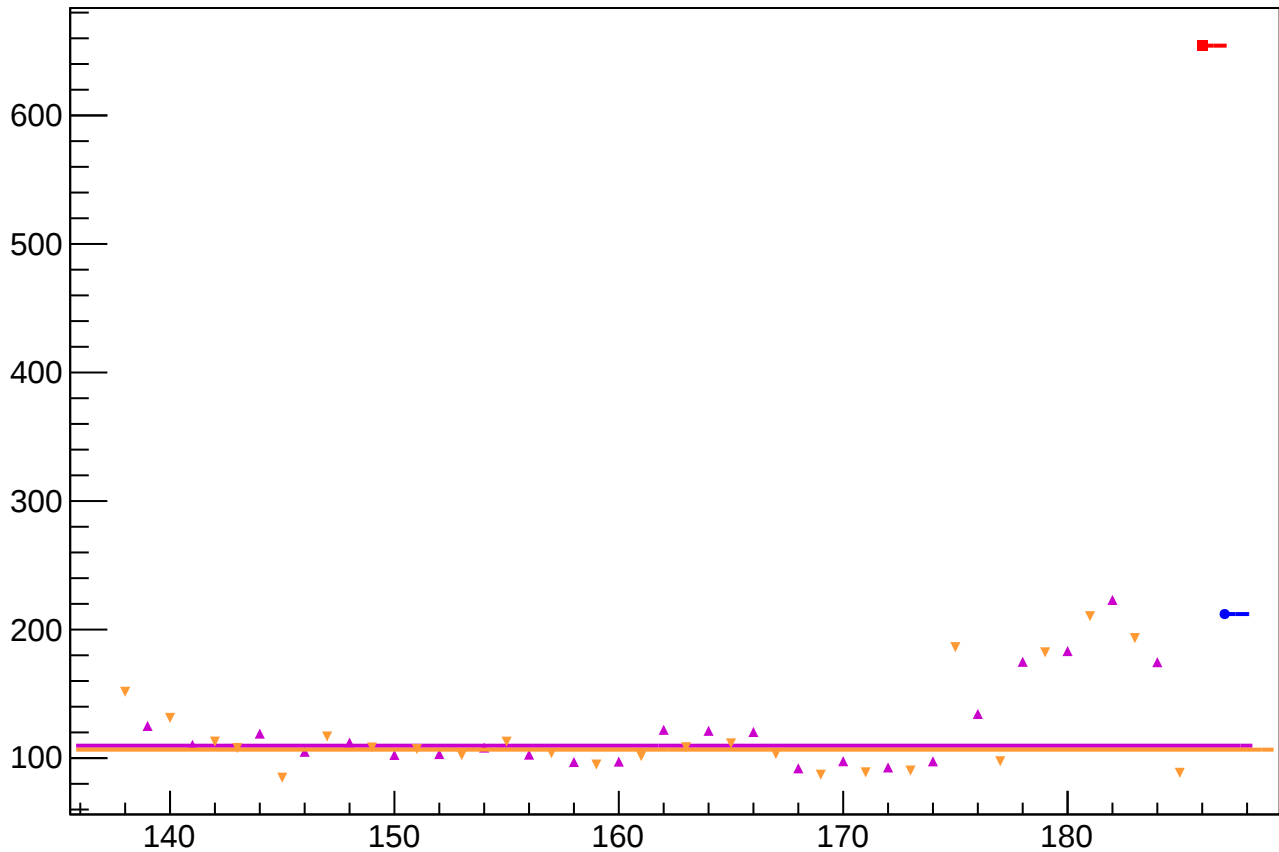
Left In: -80.580 $\pm$ 27.098 χ^2 /NDF:27.8/22

+ sign 75.462 $\pm$ 25.851 χ^2 /NDF: 18.9/25

All: 1.057 $\pm$ 18.702 χ^2 /NDF: 64.2/49

- sign -80.653 $\pm$ 27.090 χ^2 /NDF: 27.8/23

dit_asym_sam_3748_avg_rms vs Slug



Right In: 212.077+/-0.392 χ^2/NDF : 0.0/0

Left Out: 106.584+/-0.018 χ^2/NDF : 1699202.1/24

Right Out: 654.289+/-0.762 χ^2/NDF : 0.0/0

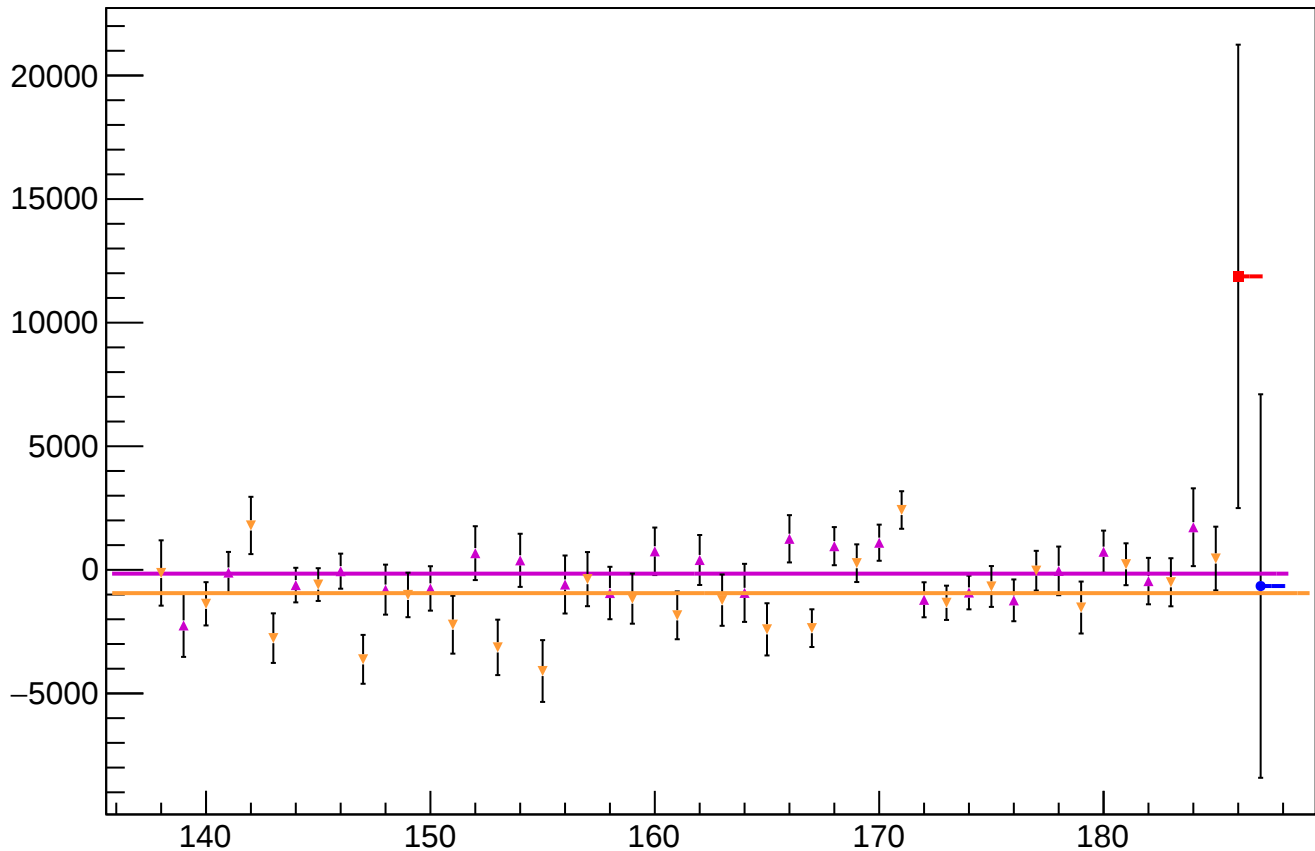
Left In: 109.672+/-0.019 χ^2/NDF : 1274240.2/22

+ sign 106.813+/-0.018 χ^2/NDF : 1771374.2/25

All: 108.339+/-0.013 χ^2/NDF : 3570153.3/49

- sign 110.016+/-0.019 χ^2/NDF : 1784146.7/23

asym_sam_3748_avg_correction_mean vs Slug



Right In: -655.182+/-7758.022 χ^2/NDF : 0.0/0

Left Out: -942.636+/-184.948 χ^2/NDF : 62.5/24

Right Out: 11872.820+/-9374.214 χ^2/NDF : 0.0/0

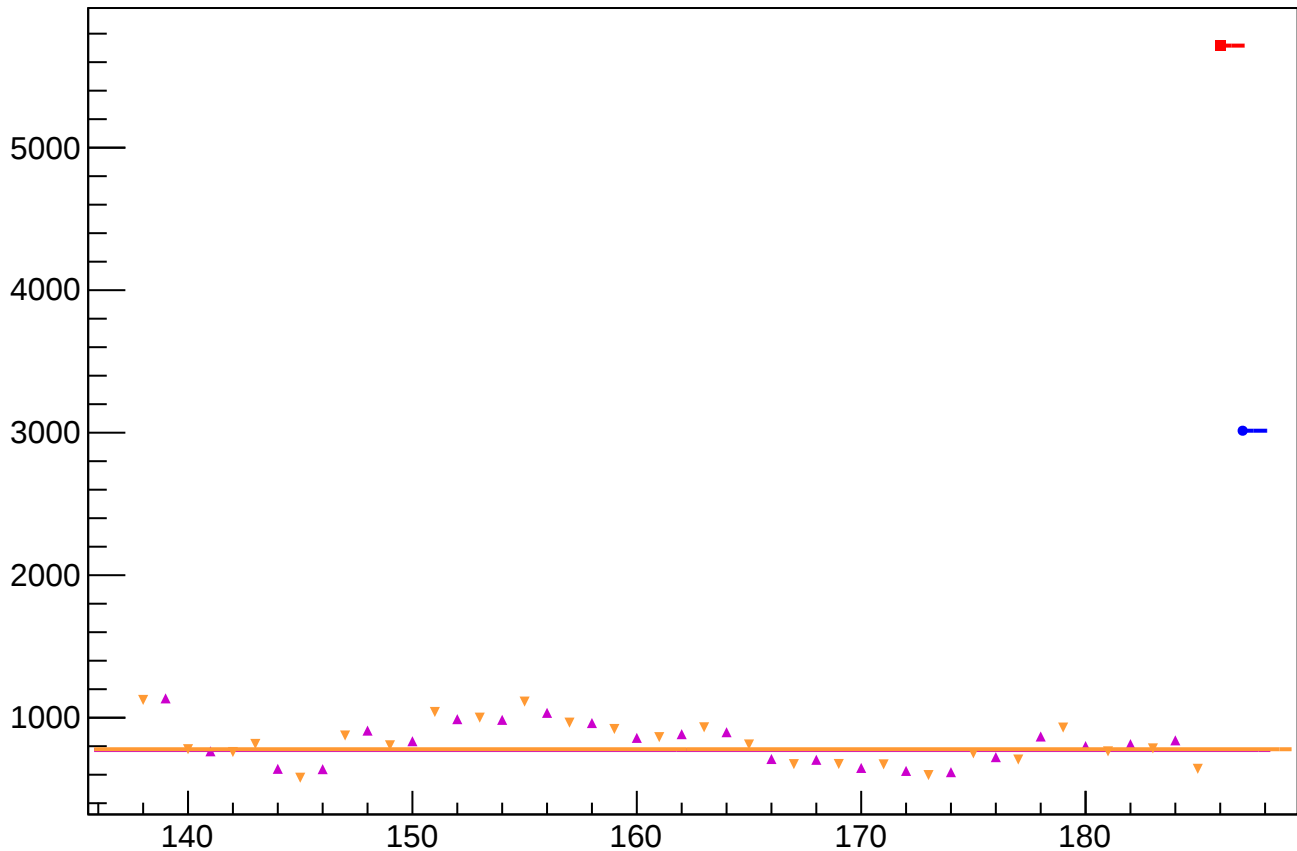
Left In: -153.898+/-187.179 χ^2/NDF : 22.1/22

+ sign -942.473+/-184.896 χ^2/NDF : 62.5/25

All: -550.579+/-131.528 χ^2/NDF : 95.3/49

- sign -149.104+/-187.142 χ^2/NDF : 23.7/23

asym_sam_3748_avg_correction_rms vs Slug



Right In: 3013.870+/-5.486 χ^2/NDF : 0.0/0

Left Out: 778.776+/-0.131 χ^2/NDF : 1157041.1/24

Right Out: 5716.151+/-6.629 χ^2/NDF : 0.0/0

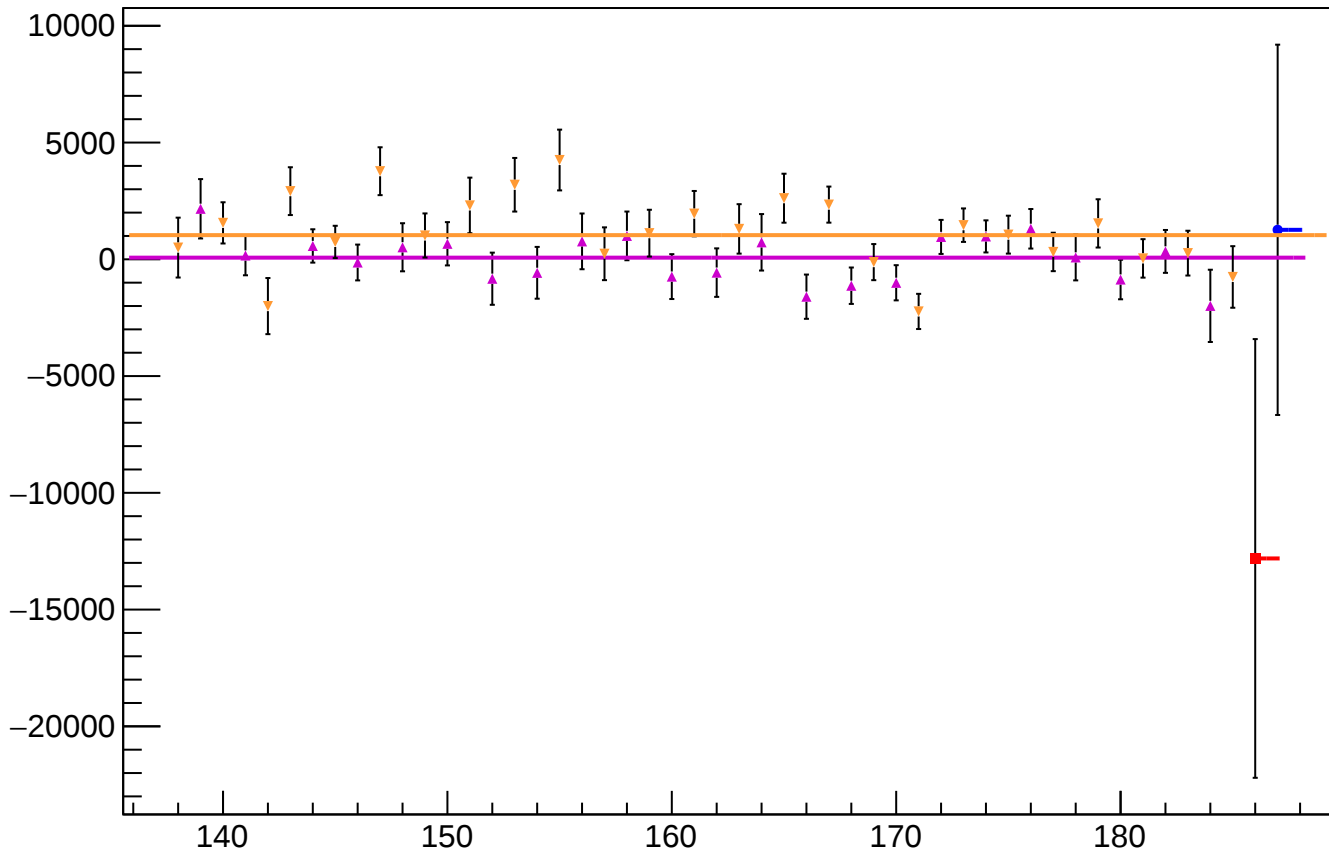
Left In: 773.111+/-0.132 χ^2/NDF : 1041042.3/22

+ sign 780.045+/-0.131 χ^2/NDF : 1322951.2/25

All: 777.593+/-0.093 χ^2/NDF : 2920578.4/49

- sign 775.081+/-0.132 χ^2/NDF : 1596915.1/23

asym_sam_3748_avg_mean vs Slug



Right In: 1262.741 $\pm$ 7929.221 χ^2 /NDF: 0.0/0

Left Out: 1035.605 $\pm$ 187.244 χ^2 /NDF: 61.4/24

Right Out: -12810.123 $\pm$ 9393.692 χ^2 /NDF: 0.0/0

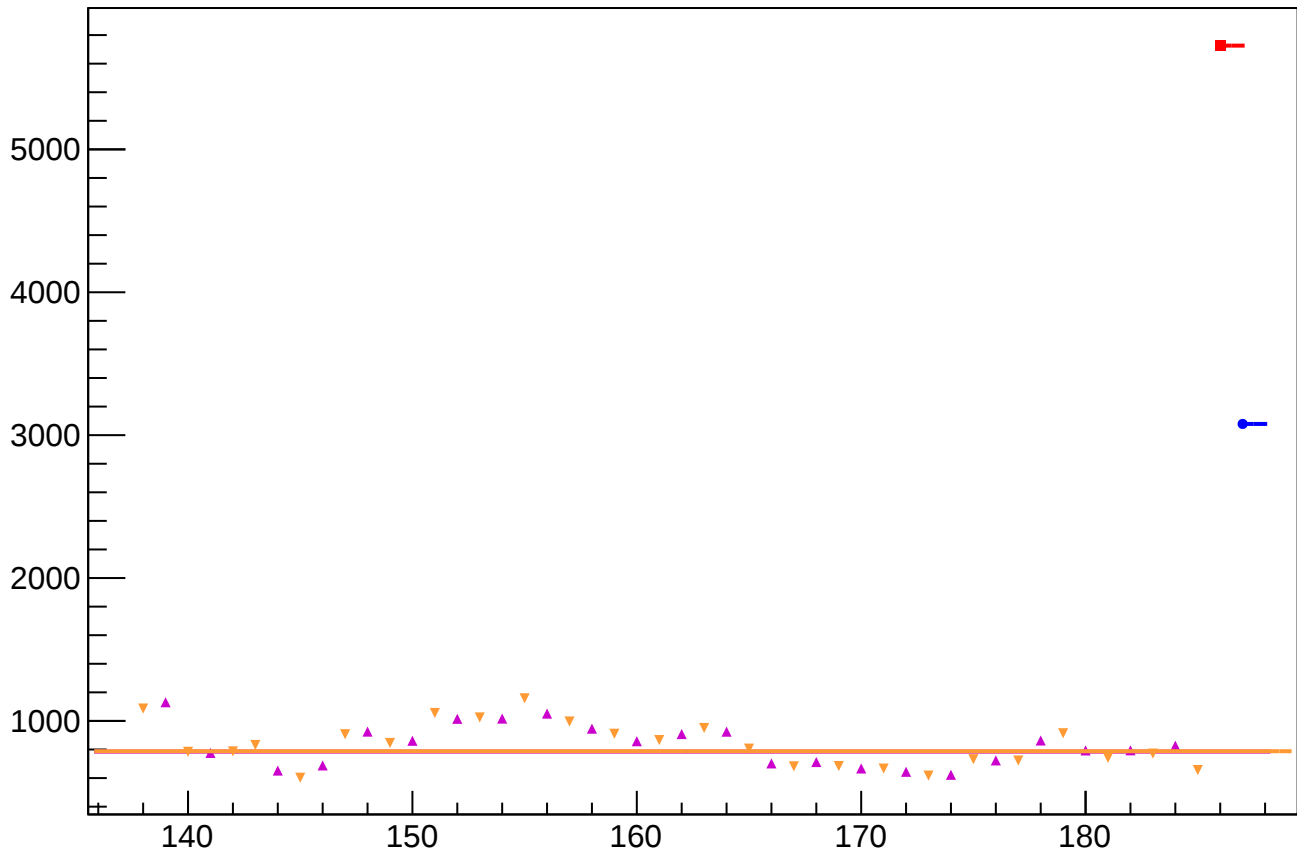
Left In: 70.852 $\pm$ 190.155 χ^2 /NDF: 23.4/22

+ sign 1035.731 $\pm$ 187.191 χ^2 /NDF: 61.4/25

All: 558.174 $\pm$ 133.386 χ^2 /NDF: 99.9/49

- sign 65.575 $\pm$ 190.116 χ^2 /NDF: 25.3/23

asym_sam_3748_avg_rms vs Slug



Right In: 3078.464 $\pm$ 5.607 χ^2 /NDF: 0.0/0

Left Out: 787.981 $\pm$ 0.132 χ^2 /NDF: 1113986.0/24

Right Out: 5726.201 $\pm$ 6.642 χ^2 /NDF: 0.0/0

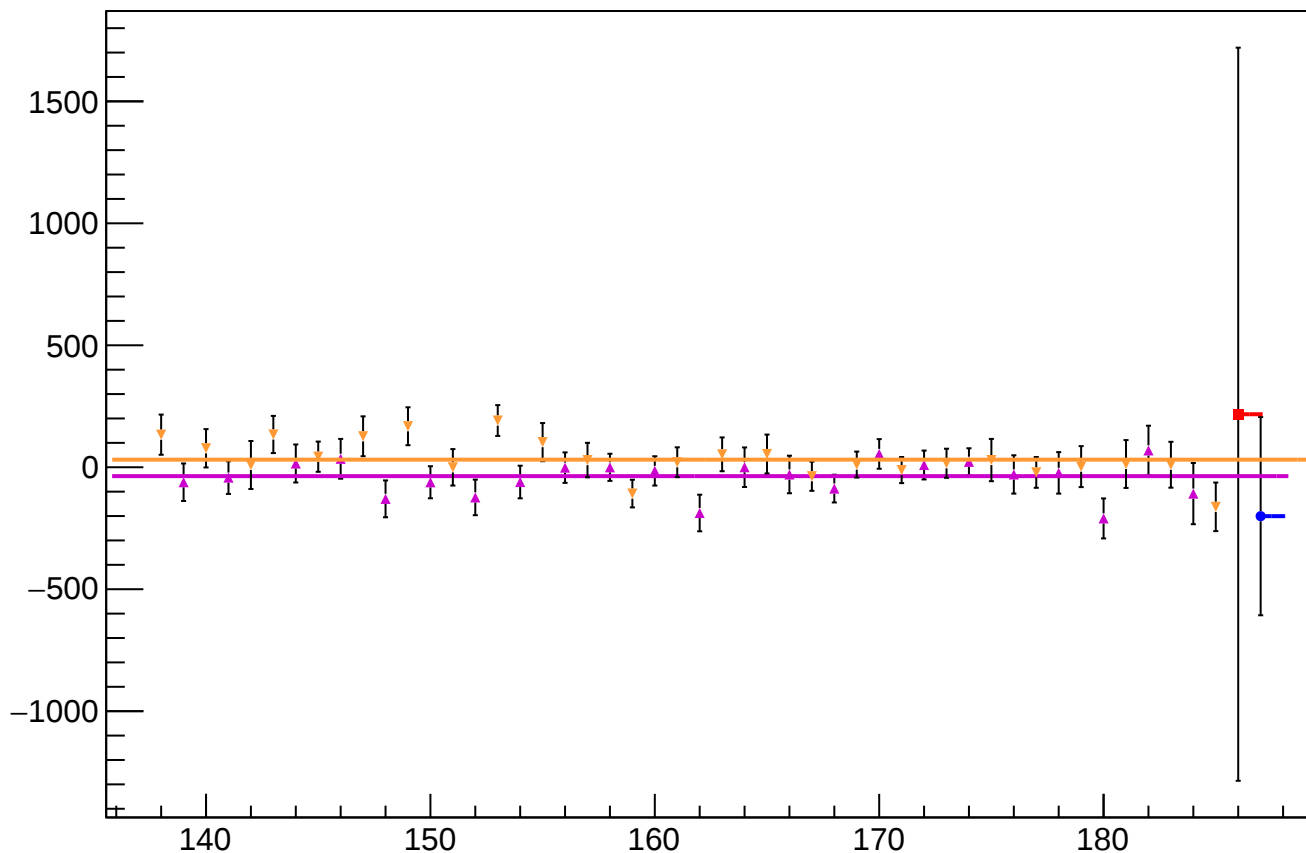
Left In: 785.179 $\pm$ 0.134 χ^2 /NDF: 976942.0/22

+ sign 789.258 $\pm$ 0.132 χ^2 /NDF: 1280780.2/25

All: 788.246 $\pm$ 0.094 χ^2 /NDF: 2810952.7/49

- sign 787.203 $\pm$ 0.134 χ^2 /NDF: 1530053.8/23

dit_asym_sam_1526_avg_mean vs Slug



Right In: -200.505 ± 406.298 χ^2/NDF : 0.0/0

Left Out: 31.190 ± 14.134 χ^2/NDF : 28.8/24

Right Out: 217.347 ± 1502.705 χ^2/NDF : 0.0/0

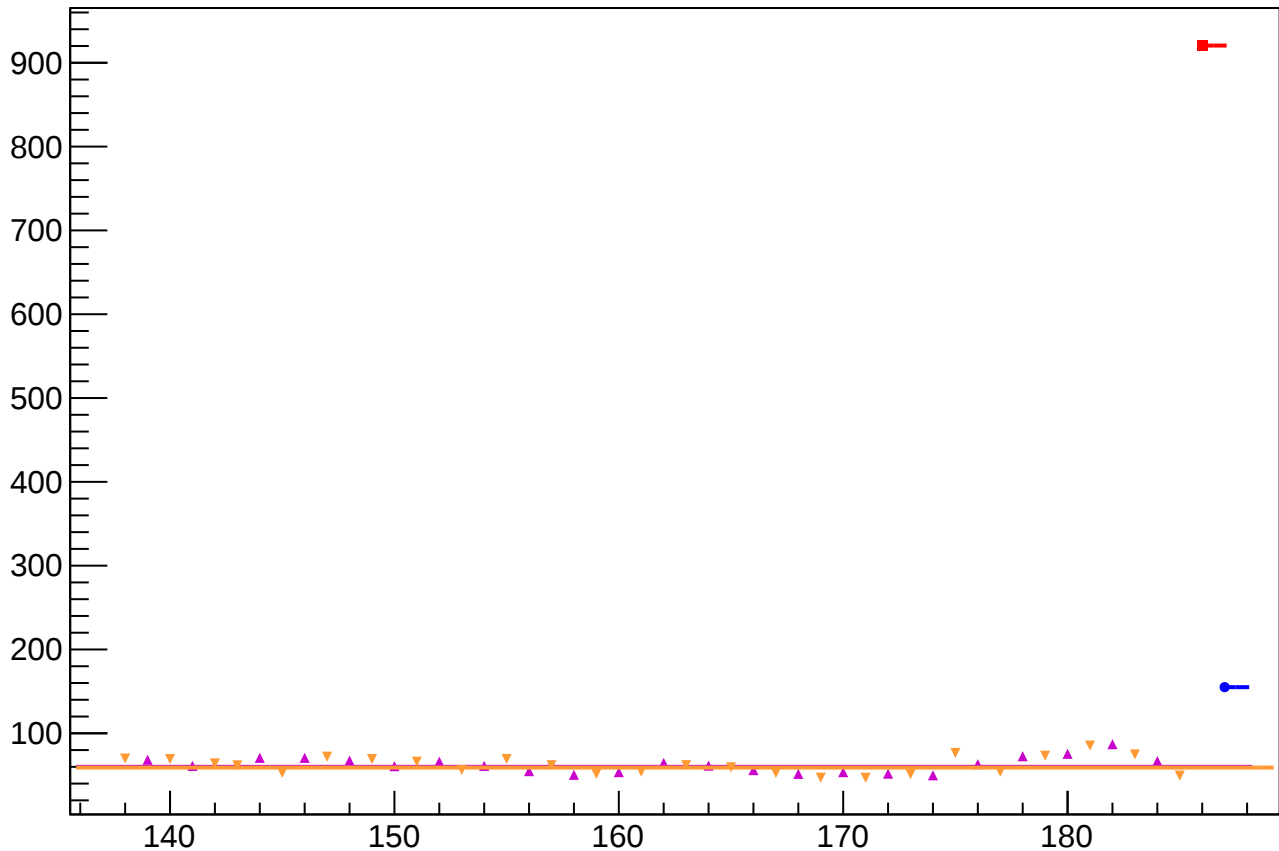
Left In: -36.408 ± 14.614 χ^2/NDF : 20.4/22

+ sign 30.910 ± 14.125 χ^2/NDF : 29.1/25

All: -1.593 ± 10.156 χ^2/NDF : 60.5/49

- sign -36.384 ± 14.614 χ^2/NDF : 20.4/23

dit_asym_sam_1526_avg_rms vs Slug



Right In: 155.039 $\pm$ 0.287 χ^2 /NDF: 0.0/0

Left Out: 59.107 $\pm$ 0.010 χ^2 /NDF: 921617.5/24

Right Out: 920.537 $\pm$ 1.063 χ^2 /NDF: 0.0/0

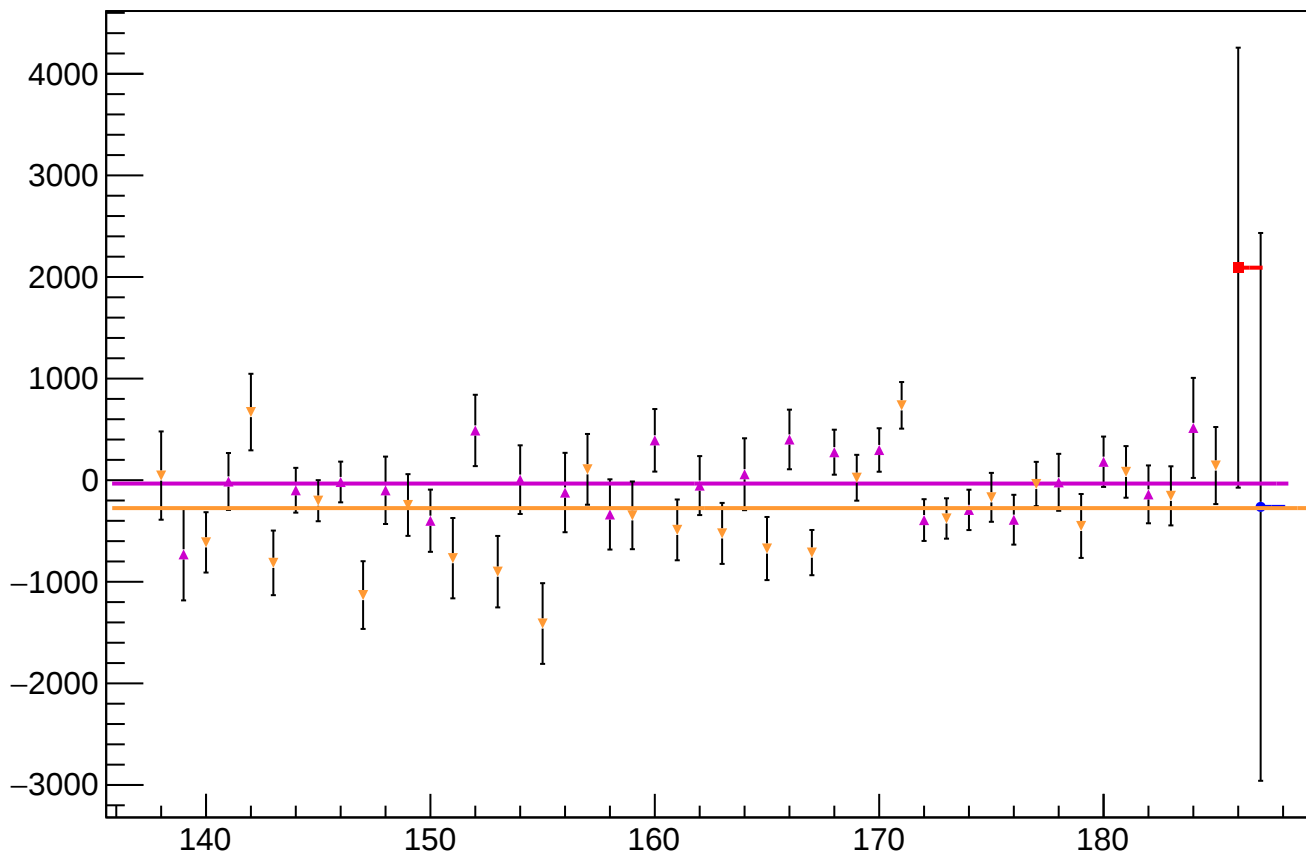
Left In: 59.978 $\pm$ 0.010 χ^2 /NDF: 677833.4/22

+ sign 59.223 $\pm$ 0.010 χ^2 /NDF: 1032983.0/25

All: 59.627 $\pm$ 0.007 χ^2 /NDF: 2370052.8/49

- sign 60.059 $\pm$ 0.010 χ^2 /NDF: 1333681.4/23

asym_sam_1526_avg_correction_mean vs Slug



Right In: -262.808+/-2696.059 χ^2/NDF : 0.0/0

Left Out: -274.844+/-56.307 χ^2/NDF : 65.1/24

Right Out: 2091.713+/-2165.464 χ^2/NDF : 0.0/0

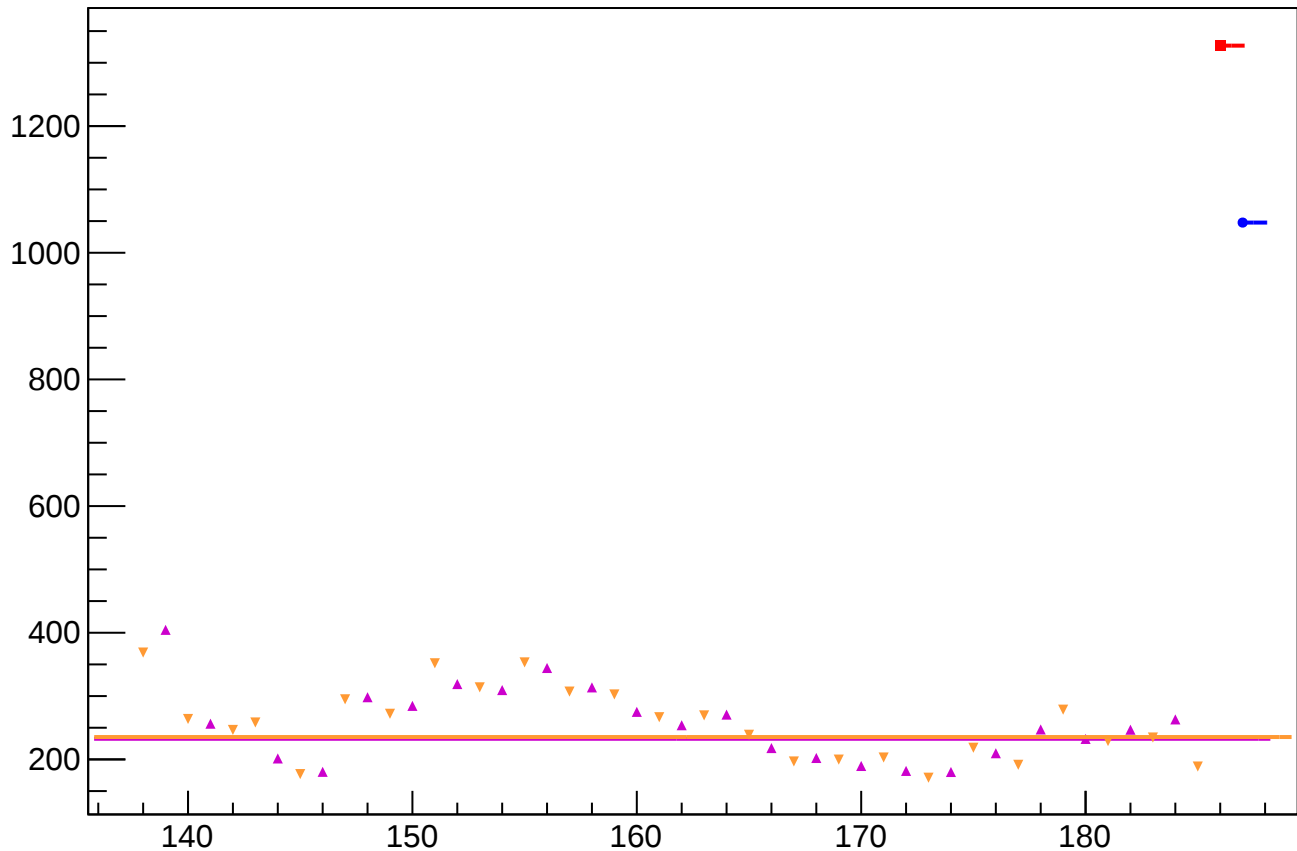
Left In: -33.239+/-56.795 χ^2/NDF : 24.5/22

+ sign -274.839+/-56.295 χ^2/NDF : 65.1/25

All: -154.342+/-39.975 χ^2/NDF : 99.8/49

- sign -31.779+/-56.776 χ^2/NDF : 25.4/23

asym_sam_1526_avg_correction_rms vs Slug



Right In: 1047.659 $\pm$ 1.906 χ^2 /NDF: 0.0/0

Left Out: 235.327 $\pm$ 0.040 χ^2 /NDF: 1661988.9/24

Right Out: 1327.038 $\pm$ 1.531 χ^2 /NDF: 0.0/0

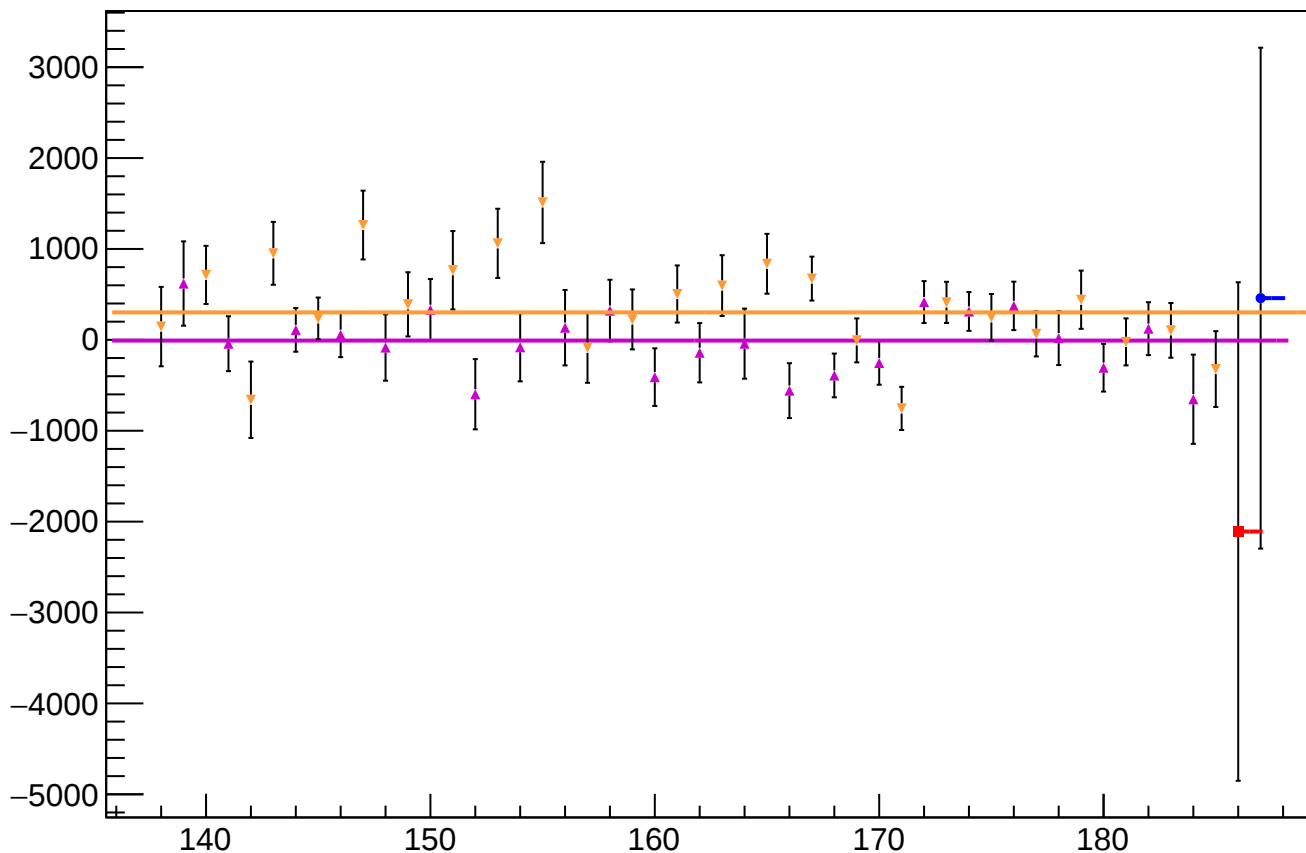
Left In: 232.577 $\pm$ 0.040 χ^2 /NDF: 1604382.8/22

+ sign 235.681 $\pm$ 0.040 χ^2 /NDF: 1843477.3/25

All: 234.515 $\pm$ 0.028 χ^2 /NDF: 3960132.2/49

- sign 233.329 $\pm$ 0.040 χ^2 /NDF: 2114923.3/23

asym_sam_1526_avg_mean vs Slug



Right In: 459.027 $\pm$ 2755.597 χ^2 /NDF: 0.0/0

Left Out: 302.420 $\pm$ 60.991 χ^2 /NDF:63.8/24

Right Out: -2109.016 $\pm$ 2742.402 χ^2 /NDF: 0.0/0

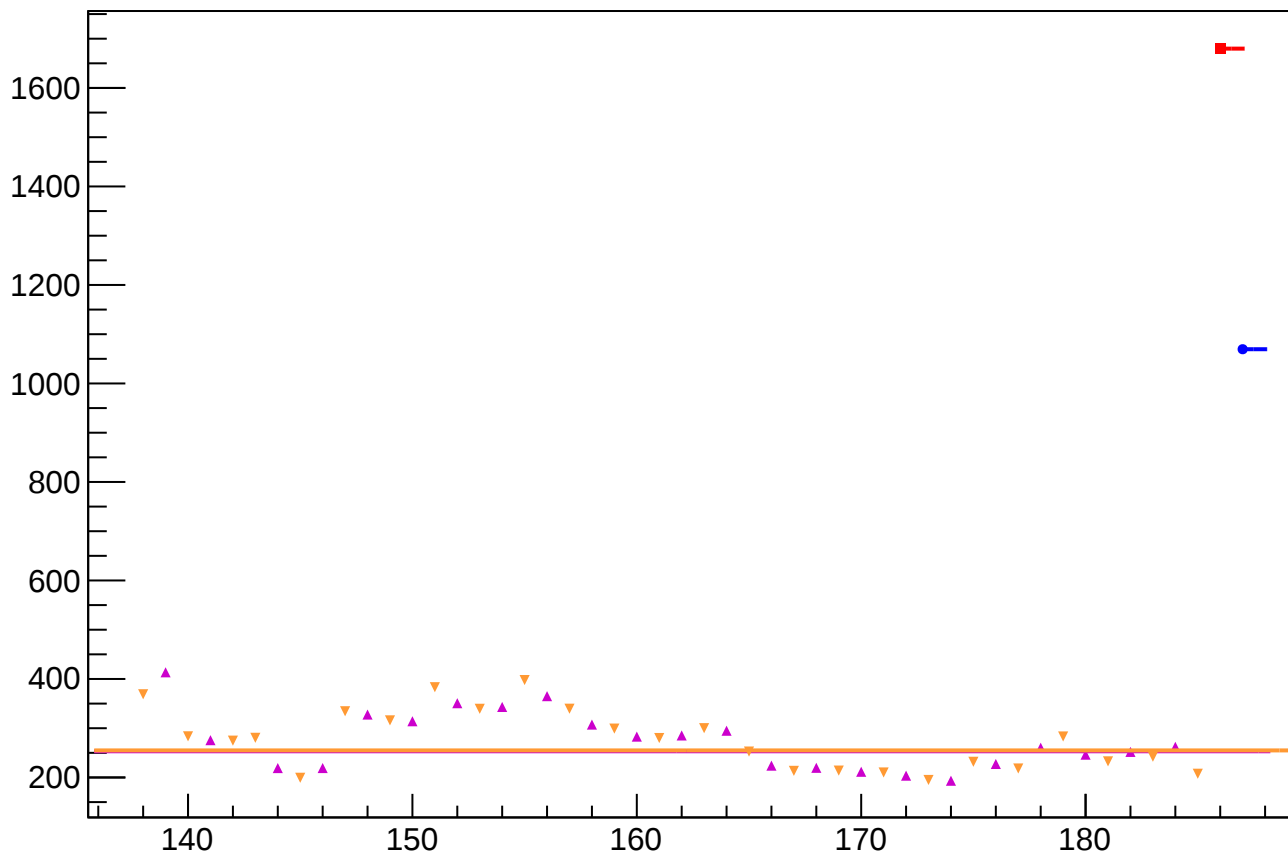
Left In: -7.915 $\pm$ 61.726 χ^2 /NDF:26.3/22

+ sign 302.497 $\pm$ 60.976 χ^2 /NDF: 63.8/25

All: 148.623 $\pm$ 43.374 χ^2 /NDF: 103.6/49

- sign -8.979 $\pm$ 61.710 χ^2 /NDF: 26.9/23

asym_sam_1526_avg_rms vs Slug



Right In: 1069.513 $\pm$ 1.949 χ^2 /NDF: 0.0/0

Left Out: 254.937 $\pm$ 0.043 χ^2 /NDF:1541708.7/24

Right Out: 1679.837 $\pm$ 1.939 χ^2 /NDF: 0.0/0

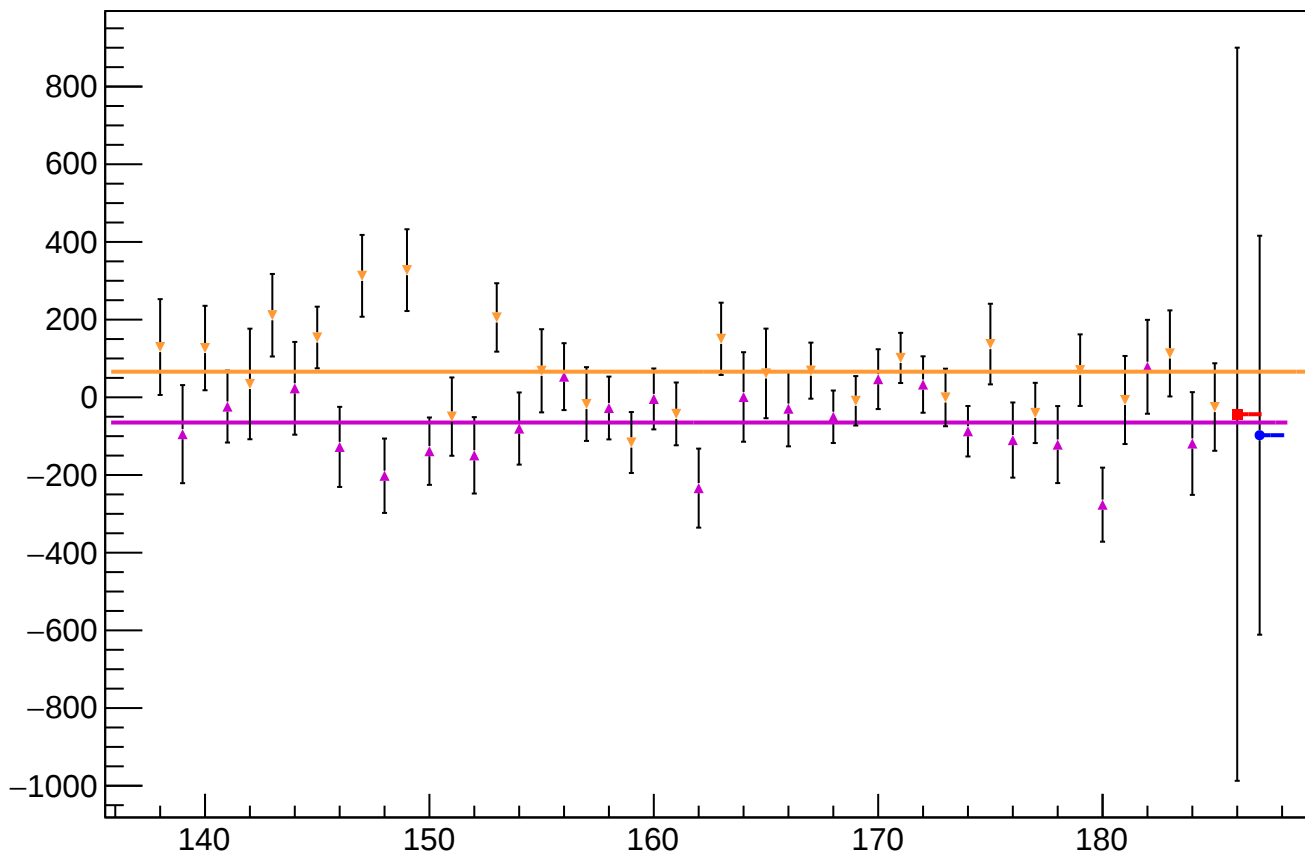
Left In: 253.170 $\pm$ 0.044 χ^2 /NDF:1366527.6/22

+ sign 255.336 $\pm$ 0.043 χ^2 /NDF: 1716390.9/25

All: 254.623 $\pm$ 0.031 χ^2 /NDF: 3624467.1/49

- sign 253.893 $\pm$ 0.044 χ^2 /NDF: 1907522.3/23

dit_asym_sam_3726_avg_mean vs Slug



Right In: -97.559 $\pm$ 513.559 χ^2 /NDF: 0.0/0

Left Out: 65.969 $\pm$ 18.151 χ^2 /NDF:34.1/24

Right Out: -43.560 $\pm$ 943.697 χ^2 /NDF: 0.0/0

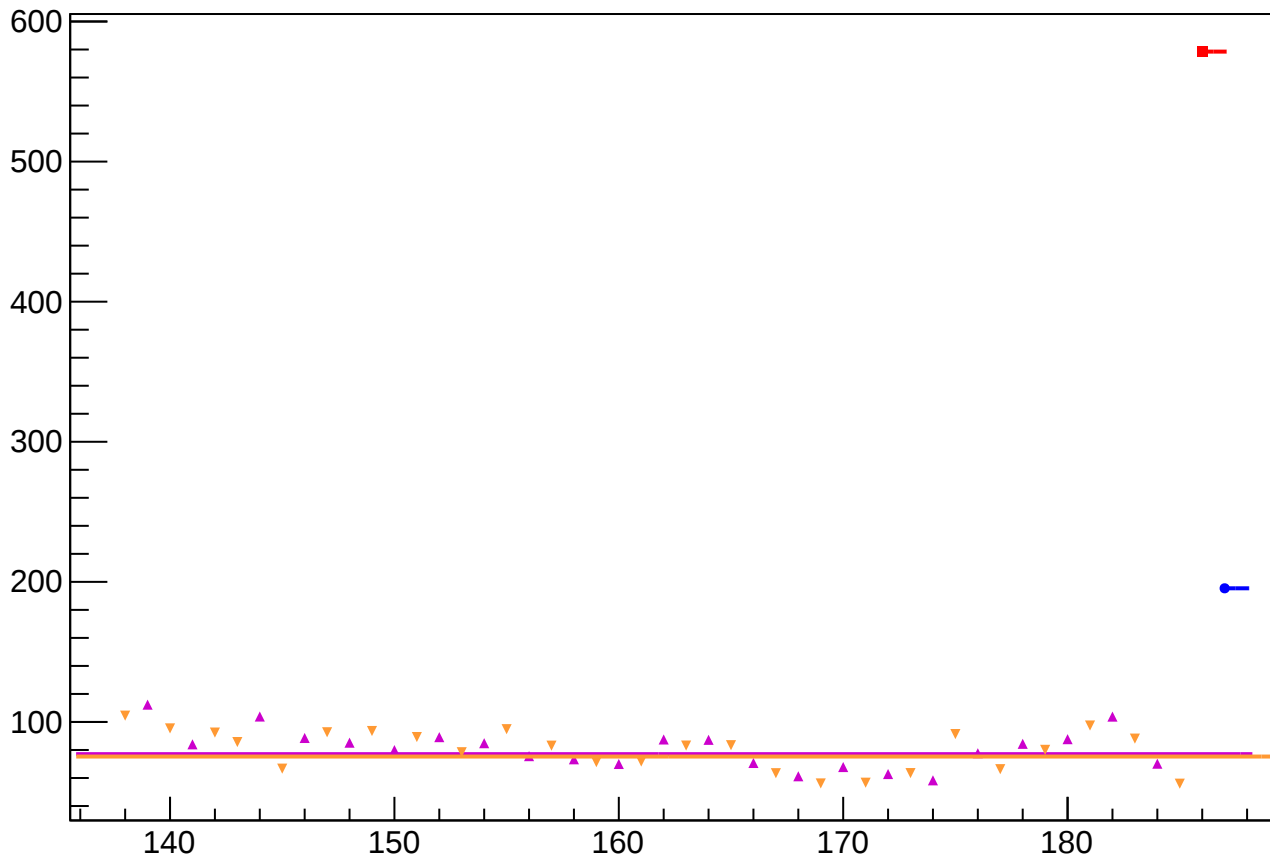
Left In: -64.899 $\pm$ 18.925 χ^2 /NDF:21.7/22

+ sign 65.765 $\pm$ 18.139 χ^2 /NDF: 34.2/25

All: 3.191 $\pm$ 13.094 χ^2 /NDF: 80.8/49

- sign -64.891 $\pm$ 18.921 χ^2 /NDF: 21.7/23

dit_asym_sam_3726_avg_rms vs Slug



Right In: 195.410 $\pm$ 0.363 χ^2 /NDF: 0.0/0

Left Out: 75.312 $\pm$ 0.013 χ^2 /NDF:1216847.1/24

Right Out: 578.509 $\pm$ 0.667 χ^2 /NDF: 0.0/0

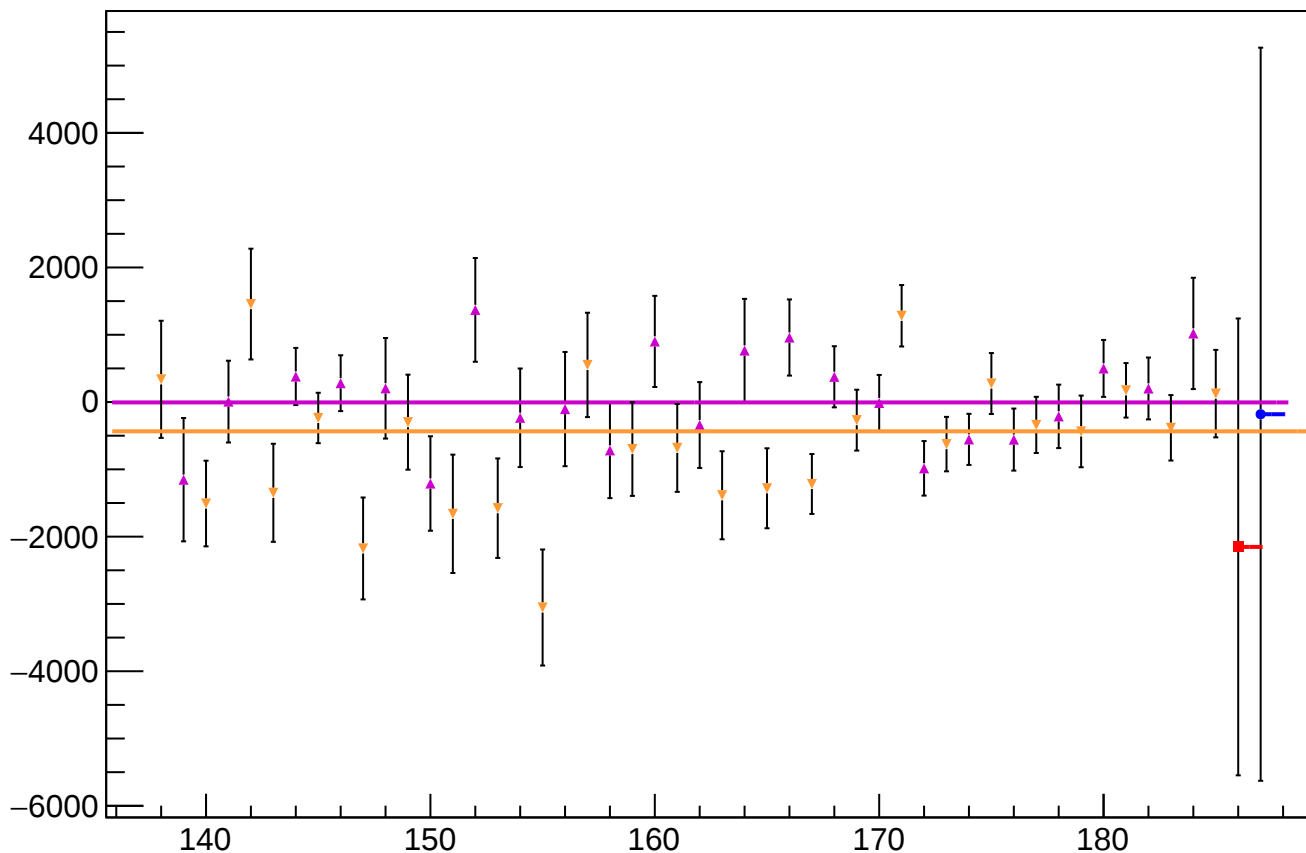
Left In: 77.021 $\pm$ 0.013 χ^2 /NDF:941637.3/22

+ sign 75.462 $\pm$ 0.013 χ^2 /NDF: 1326086.5/25

All: 76.305 $\pm$ 0.009 χ^2 /NDF: 2841316.7/49

- sign 77.223 $\pm$ 0.013 χ^2 /NDF: 1506198.2/23

asym_sam_3726_avg_correction_mean vs Slug



Right In: -180.936 ± 5447.242 χ^2/NDF : 0.0/0

Left Out: -434.815 ± 110.841 χ^2/NDF : 58.8/24

Right Out: -2152.501 ± 3394.613 χ^2/NDF : 0.0/0

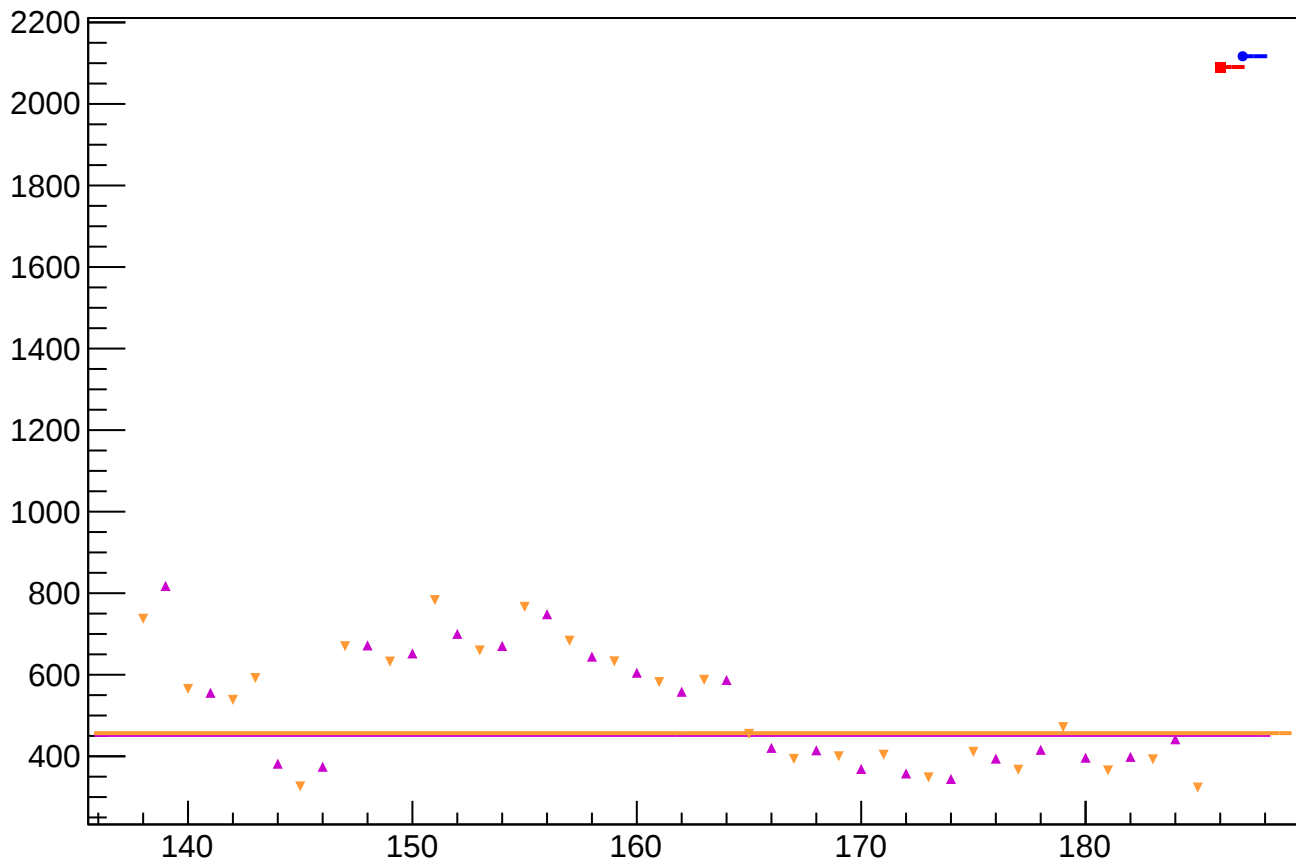
Left In: -5.353 ± 111.755 χ^2/NDF : 29.6/22

+ sign -434.710 ± 110.818 χ^2/NDF : 58.8/25

All: -222.876 ± 78.668 χ^2/NDF : 96.2/49

- sign -7.677 ± 111.695 χ^2/NDF : 30.0/23

asym_sam_3726_avg_correction_rms vs Slug



Right In: 2117.004+/-3.852 χ^2/NDF : 0.0/0

Left Out: 456.743+/-0.078 χ^2/NDF : 2593665.9/24

Right Out: 2090.616+/-2.400 χ^2/NDF : 0.0/0

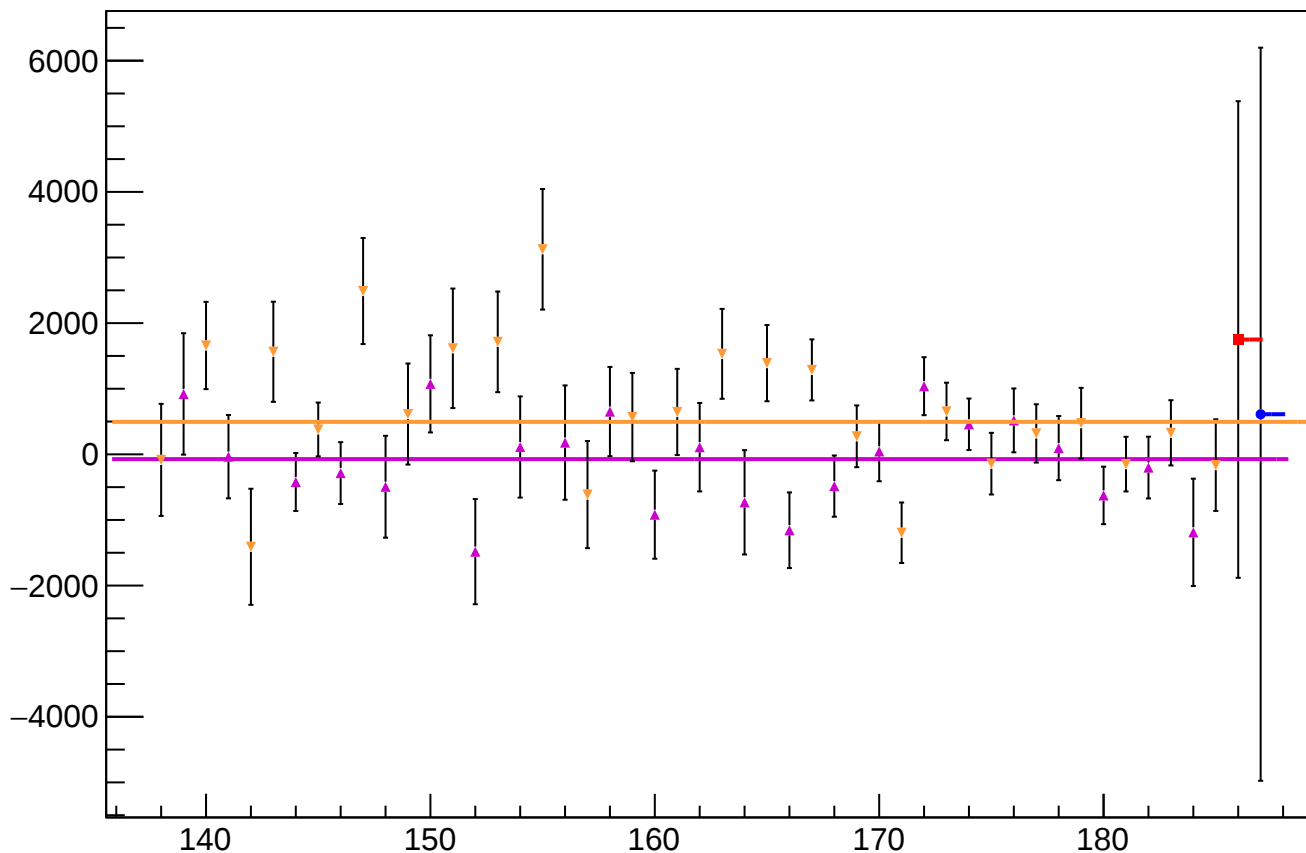
Left In: 452.439+/-0.079 χ^2/NDF : 2305796.6/22

+ sign 457.430+/-0.078 χ^2/NDF : 2779382.1/25

All: 455.834+/-0.056 χ^2/NDF : 5551280.4/49

- sign 454.213+/-0.079 χ^2/NDF : 2771061.9/23

asym_sam_3726_avg_mean vs Slug



Right In: 611.320 $\pm$ 5587.050 χ^2 /NDF: 0.0/0

Left Out: 495.259 $\pm$ 115.521 χ^2 /NDF: 57.2/24

Right Out: 1750.016 $\pm$ 3632.106 χ^2 /NDF: 0.0/0

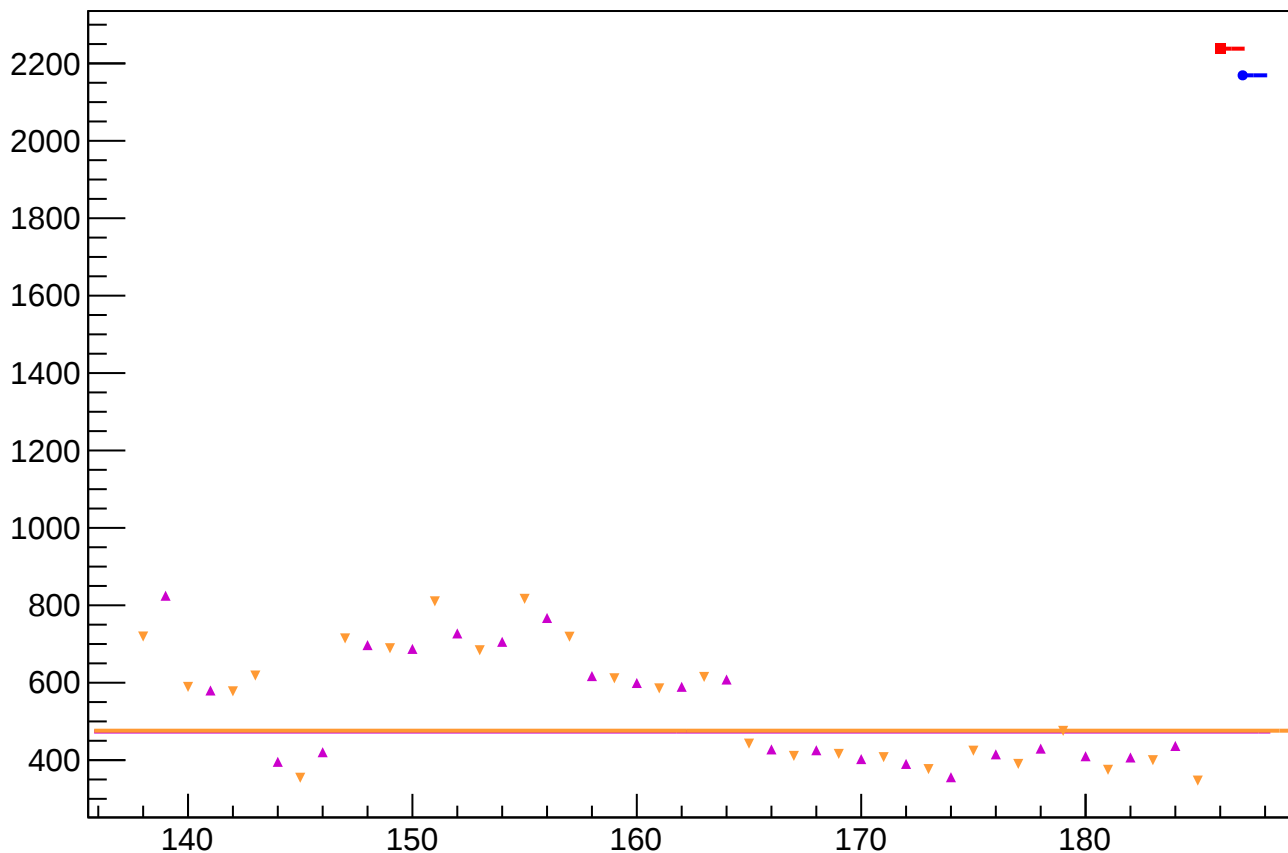
Left In: -72.627 $\pm$ 116.927 χ^2 /NDF: 29.1/22

+ sign 495.309 $\pm$ 115.497 χ^2 /NDF: 57.2/25

All: 215.622 $\pm$ 82.149 χ^2 /NDF: 98.3/49

- sign -70.740 $\pm$ 116.867 χ^2 /NDF: 29.3/23

asym_sam_3726_avg_rms vs Slug



Right In: 2169.209 $\pm$ 3.951 χ^2 /NDF: 0.0/0

Left Out: 476.057 $\pm$ 0.082 χ^2 /NDF:2461838.6/24

Right Out: 2238.098 $\pm$ 2.568 χ^2 /NDF: 0.0/0

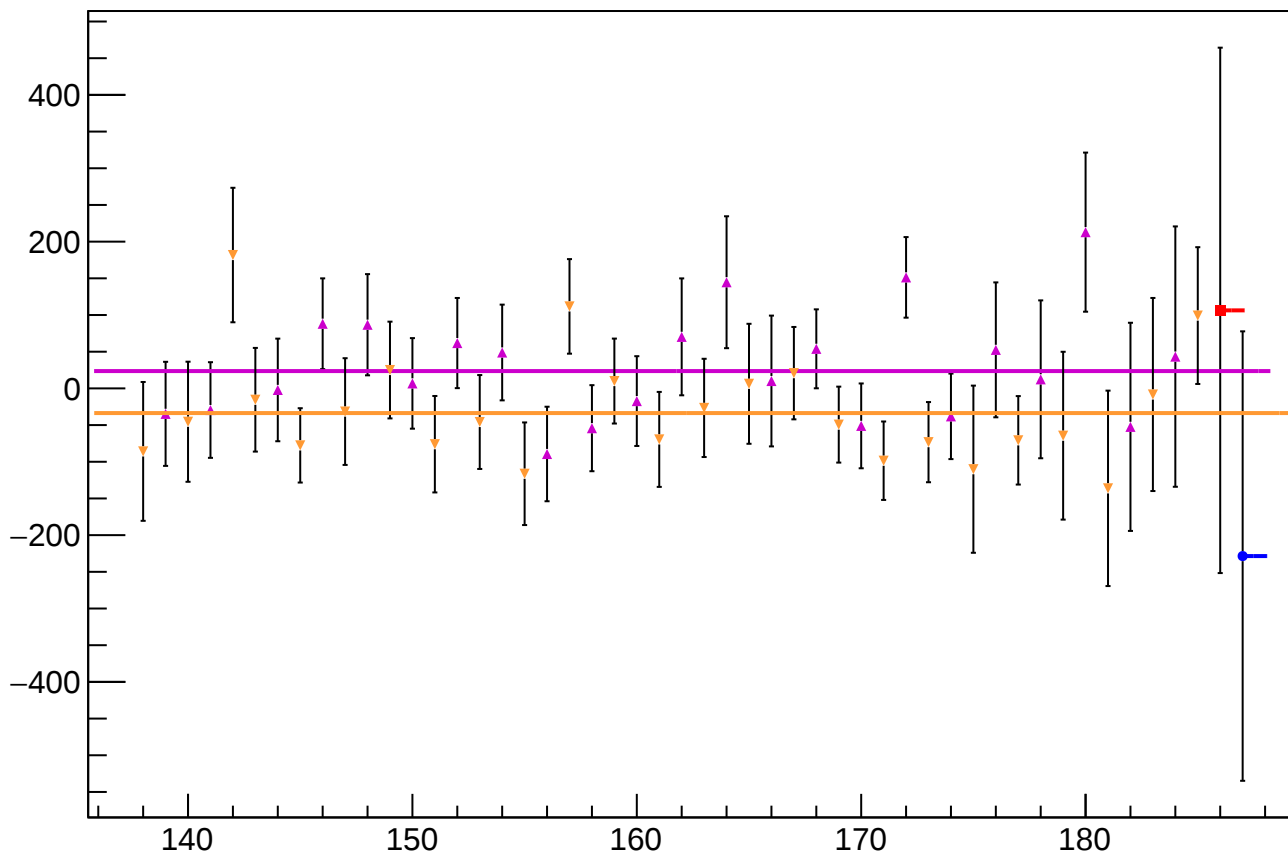
Left In: 473.824 $\pm$ 0.083 χ^2 /NDF:2113753.1/22

+ sign 476.780 $\pm$ 0.082 χ^2 /NDF: 2645438.1/25

All: 476.222 $\pm$ 0.058 χ^2 /NDF: 5230692.1/49

- sign 475.650 $\pm$ 0.083 χ^2 /NDF: 2585159.4/23

dit_asym_sam_15_48_dd_mean vs Slug



Right In: -228.525 ± 306.271 χ^2/NDF : 0.0/0

Left Out: -33.628 ± 13.882 χ^2/NDF : 21.9/24

Right Out: 106.329 ± 358.021 χ^2/NDF : 0.0/0

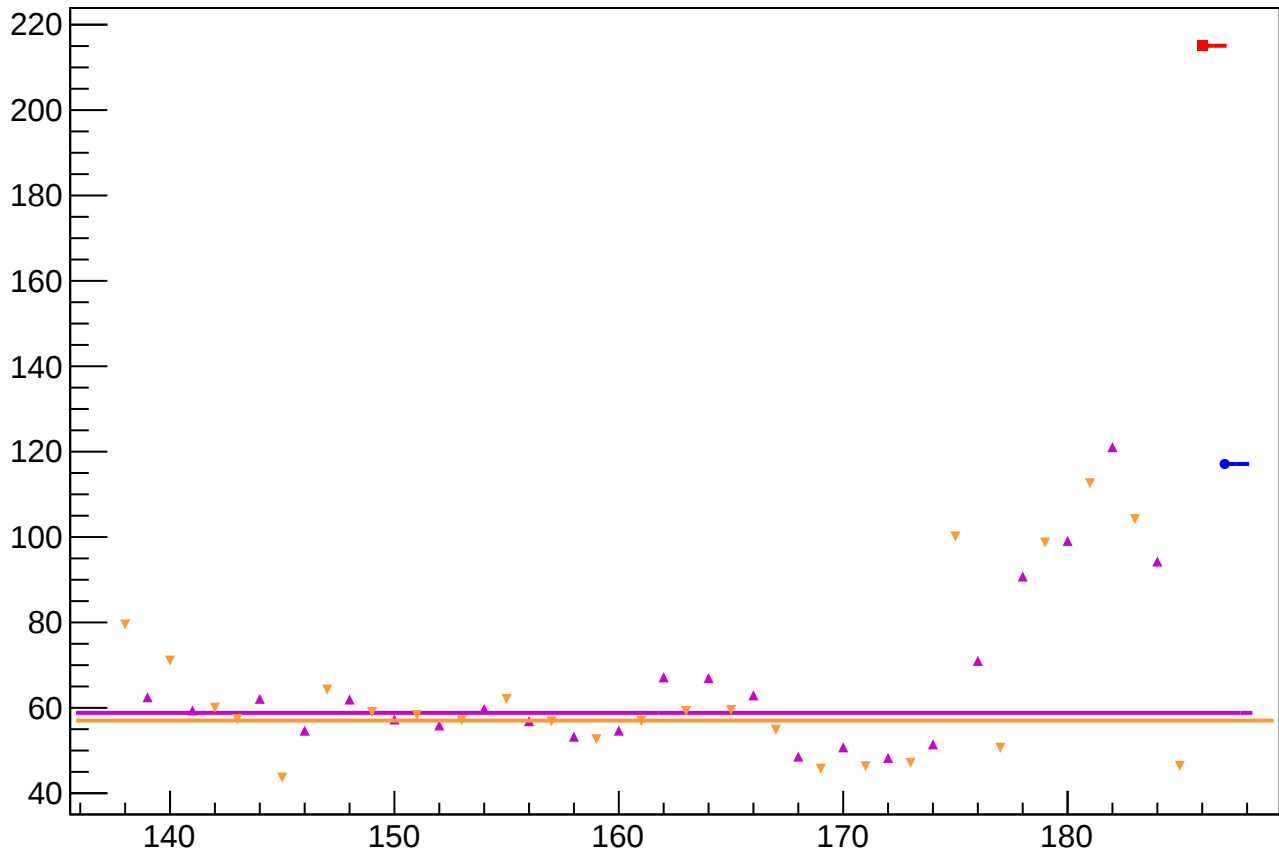
Left In: 23.597 ± 14.554 χ^2/NDF : 23.5/22

+ sign -34.028 ± 13.868 χ^2/NDF : 22.3/25

All: -6.517 ± 10.036 χ^2/NDF : 54.1/49

- sign 23.734 ± 14.542 χ^2/NDF : 23.5/23

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 117.117 $\pm$ 0.217 χ^2 /NDF: 0.0/0

Left Out: 57.026 $\pm$ 0.010 χ^2 /NDF:1811574.8/24

Right Out: 215.071 $\pm$ 0.253 χ^2 /NDF: 0.0/0

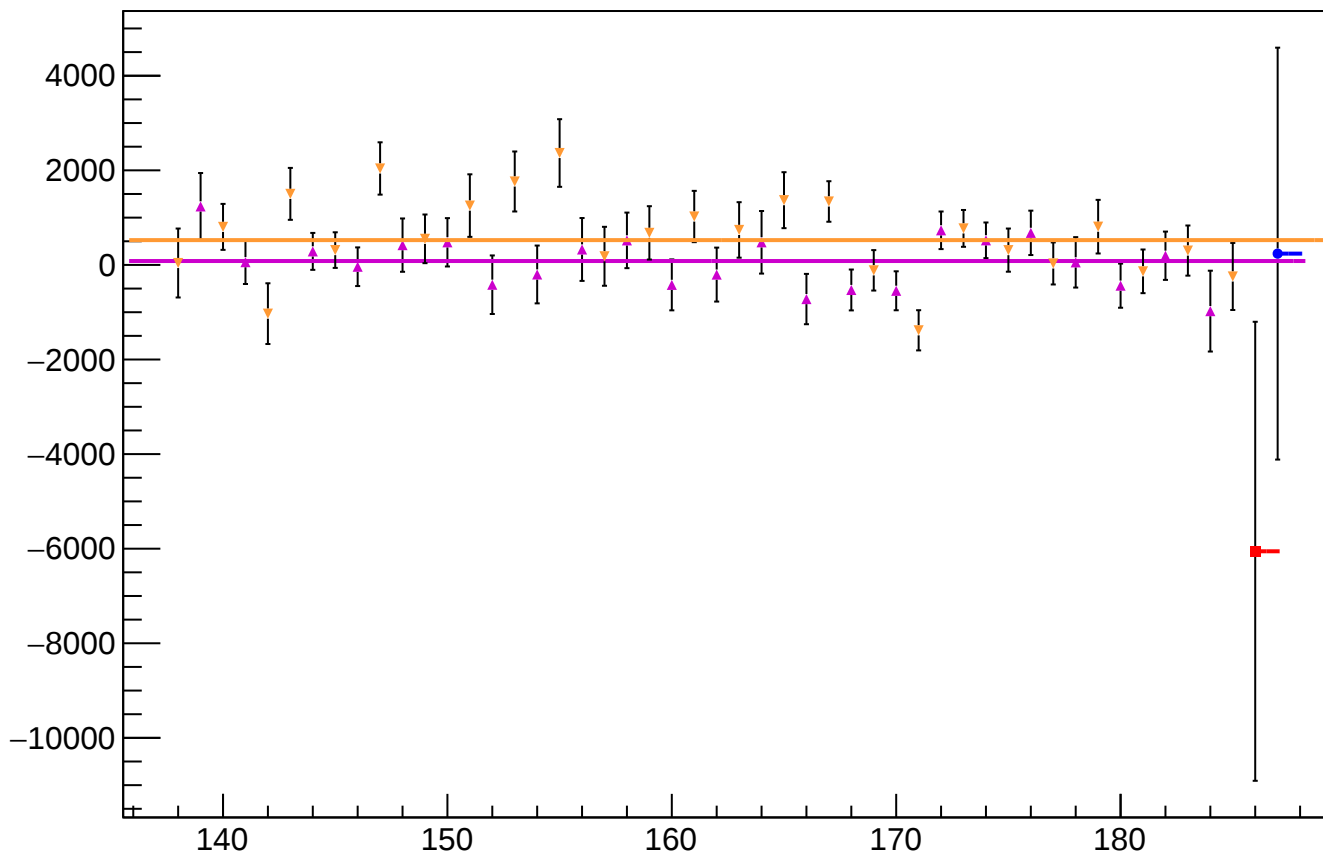
Left In: 58.829 $\pm$ 0.010 χ^2 /NDF:1270108.1/22

+ sign 57.149 $\pm$ 0.010 χ^2 /NDF: 1888408.0/25

All: 58.072 $\pm$ 0.007 χ^2 /NDF: 3557390.0/49

- sign 59.087 $\pm$ 0.010 χ^2 /NDF: 1650376.4/23

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 238.927 $\pm$ 4354.758 χ^2/NDF : 0.0/0

Left Out: 524.503 $\pm$ 103.237 χ^2/NDF : 64.2/24

Right Out: -6054.998 $\pm$ 4852.878 χ^2/NDF : 0.0/0

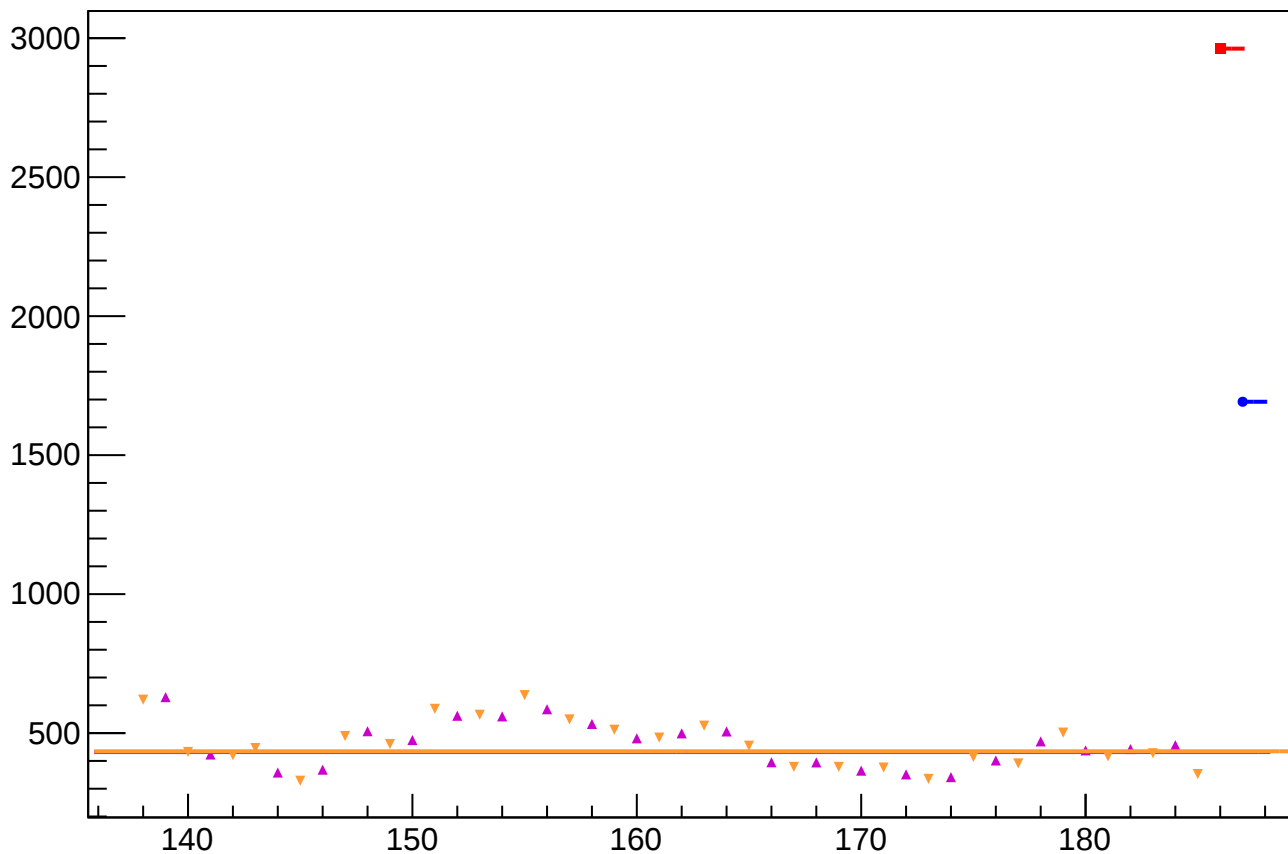
Left In: 82.501 $\pm$ 104.550 χ^2/NDF : 22.1/22

+ sign 524.342 $\pm$ 103.208 χ^2/NDF : 64.2/25

All: 304.818 $\pm$ 73.440 χ^2/NDF : 97.1/49

- sign 79.654 $\pm$ 104.525 χ^2/NDF : 23.7/23

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1691.978 $\pm$ 3.079 χ^2 /NDF: 0.0/0

Left Out: 434.656 $\pm$ 0.073 χ^2 /NDF:1158526.1/24

Right Out: 2962.355 $\pm$ 3.432 χ^2 /NDF: 0.0/0

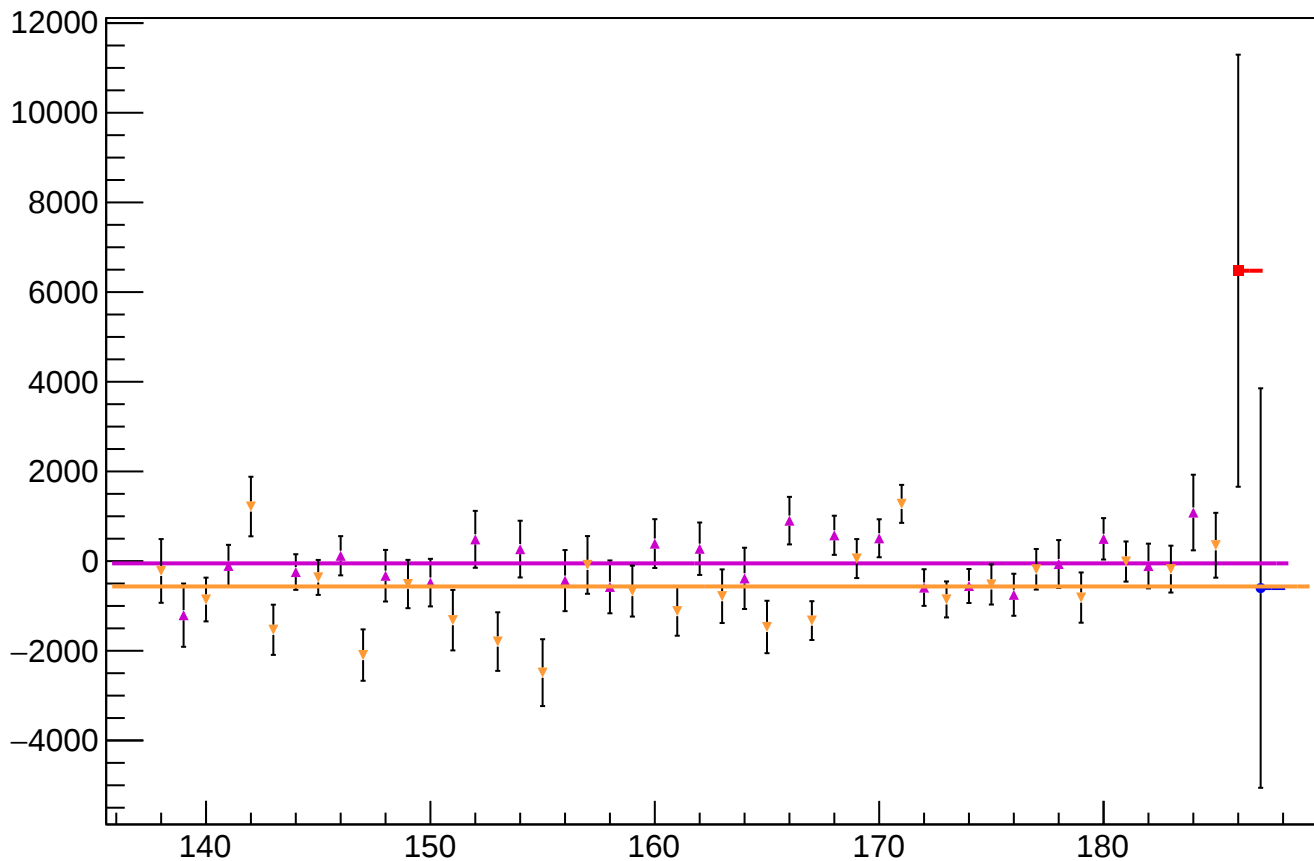
Left In: 431.889 $\pm$ 0.074 χ^2 /NDF:1034822.9/22

+ sign 435.362 $\pm$ 0.073 χ^2 /NDF: 1325155.1/25

All: 434.228 $\pm$ 0.052 χ^2 /NDF: 2904006.8/49

- sign 433.063 $\pm$ 0.074 χ^2 /NDF: 1578361.8/23

asym_sam_15_48_dd_mean vs Slug



Right In: -600.770+/-4455.156 χ^2/NDF : 0.0/0

Left Out: -565.545+/-104.460 χ^2/NDF : 62.9/24

Right Out: 6476.893+/-4818.554 χ^2/NDF : 0.0/0

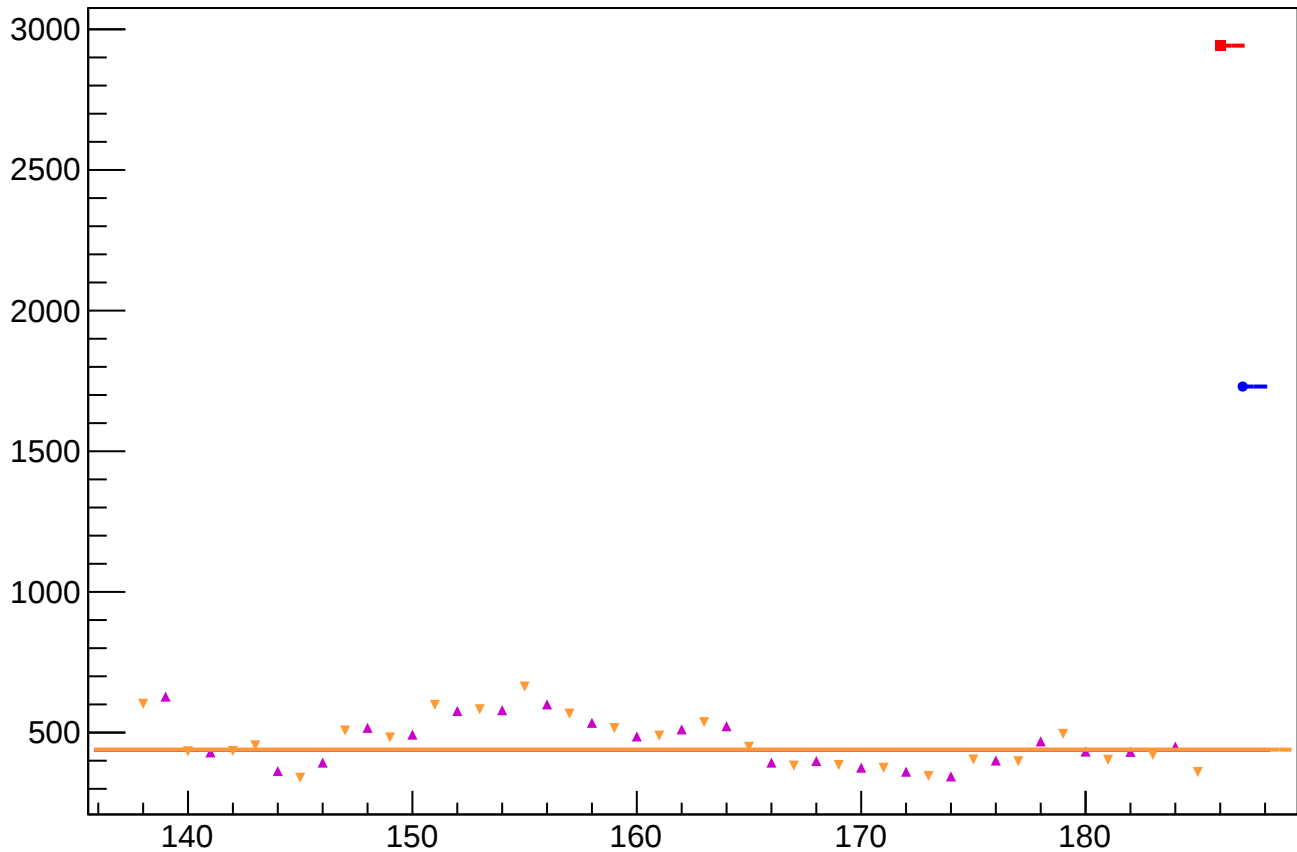
Left In: -50.387+/-106.218 χ^2/NDF : 23.3/22

+ sign -565.564+/-104.432 χ^2/NDF : 62.9/25

All: -310.723+/-74.459 χ^2/NDF : 100.1/49

- sign -47.217+/-106.192 χ^2/NDF : 25.1/23

asym_sam_15_48_dd_rms vs Slug



Right In: 1730.123+/-3.150 χ^2/NDF : 0.0/0

Left Out: 439.314+/-0.074 χ^2/NDF : 1164031.3/24

Right Out: 2942.010+/-3.407 χ^2/NDF : 0.0/0

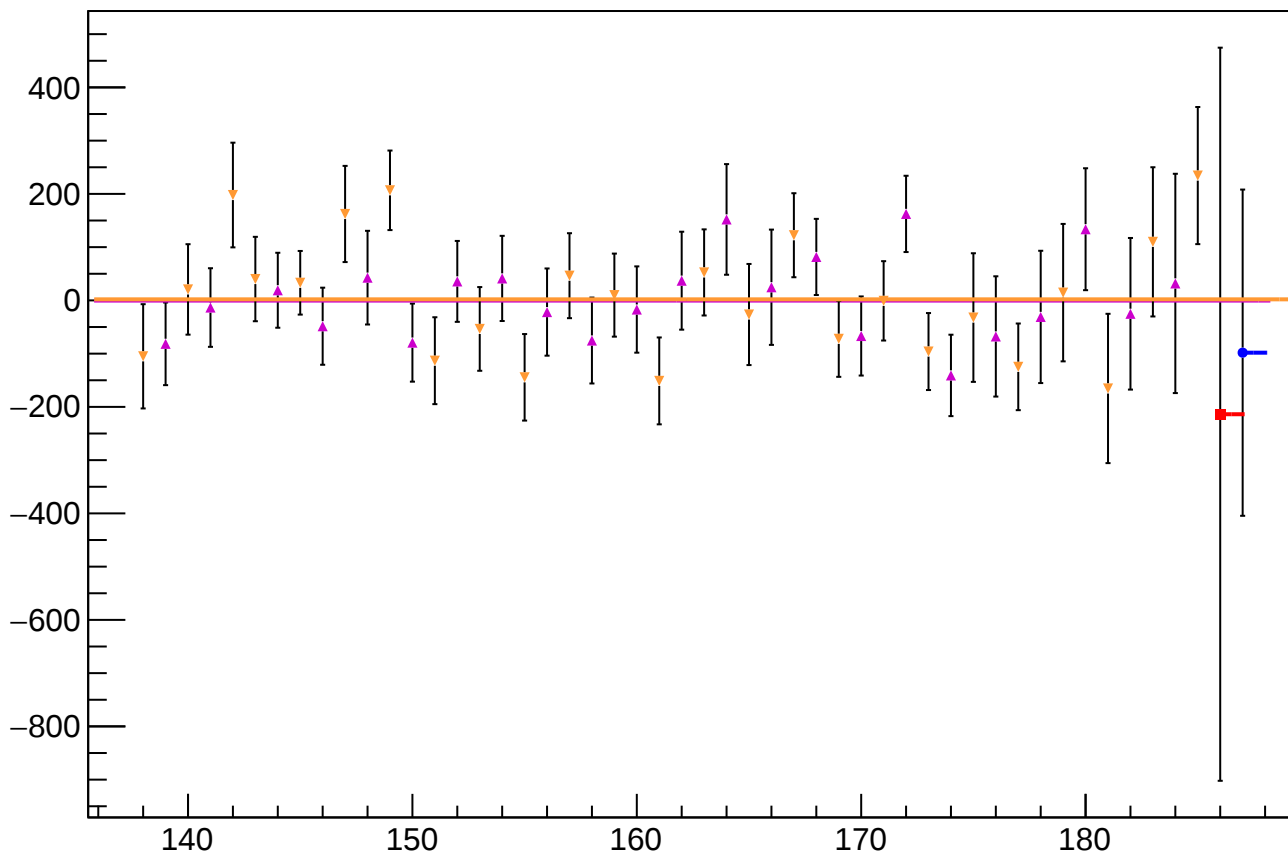
Left In: 438.365+/-0.075 χ^2/NDF : 1024661.1/22

+ sign 440.023+/-0.074 χ^2/NDF : 1331830.4/25

All: 439.806+/-0.053 χ^2/NDF : 2896182.5/49

- sign 439.581+/-0.075 χ^2/NDF : 1564334.5/23

dit_asym_sam_37_48_dd_mean vs Slug



Right In: -98.203 ± 306.331 χ^2/NDF : 0.0/0

Left Out: 1.968 ± 17.008 χ^2/NDF : 39.5/24

Right Out: -213.793 ± 688.393 χ^2/NDF : 0.0/0

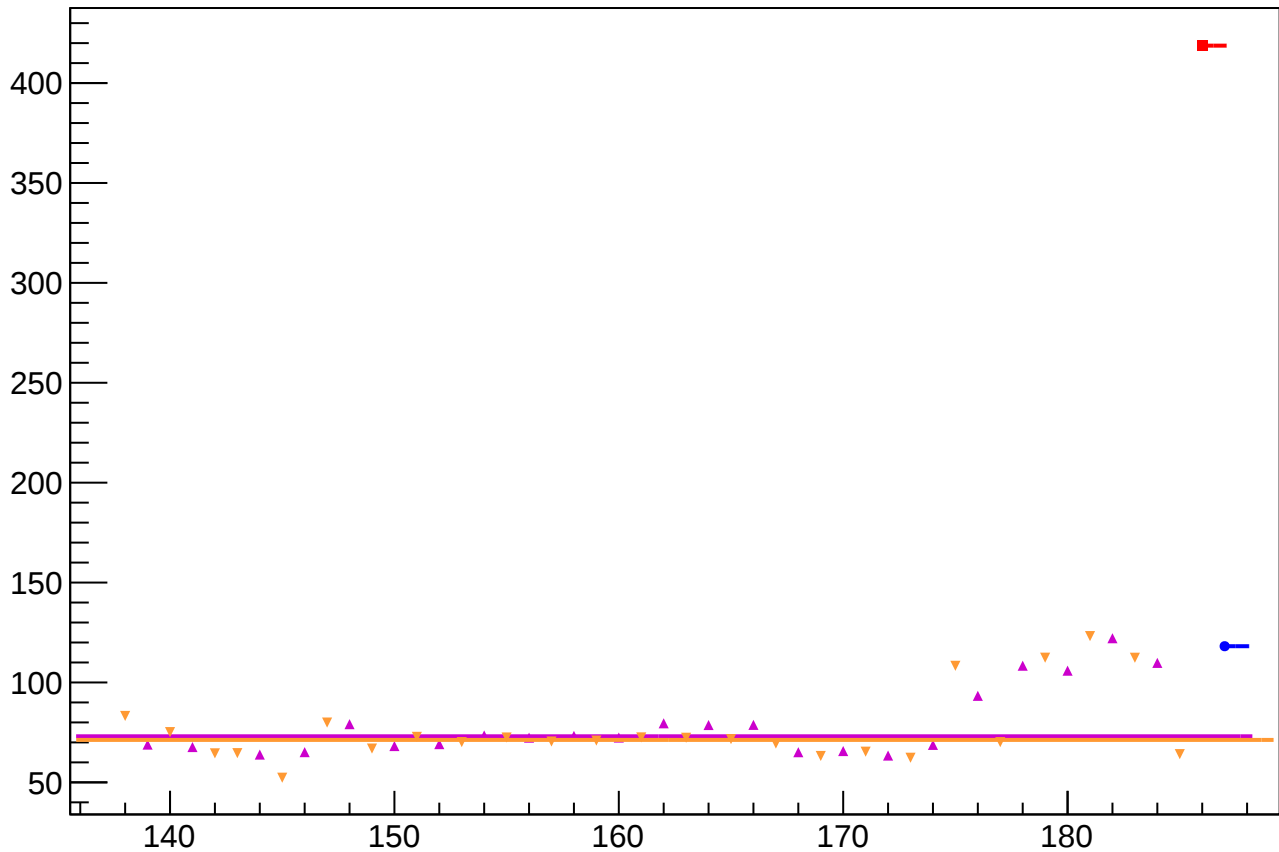
Left In: -0.361 ± 17.751 χ^2/NDF : 19.4/22

+ sign 1.660 ± 16.982 χ^2/NDF : 39.6/25

All: 0.626 ± 12.269 χ^2/NDF : 59.1/49

- sign -0.503 ± 17.745 χ^2/NDF : 19.5/23

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 118.145 $\pm$ 0.217 χ^2 /NDF: 0.0/0

Left Out: 71.245 $\pm$ 0.012 χ^2 /NDF:1200712.1/24

Right Out: 418.736 $\pm$ 0.487 χ^2 /NDF: 0.0/0

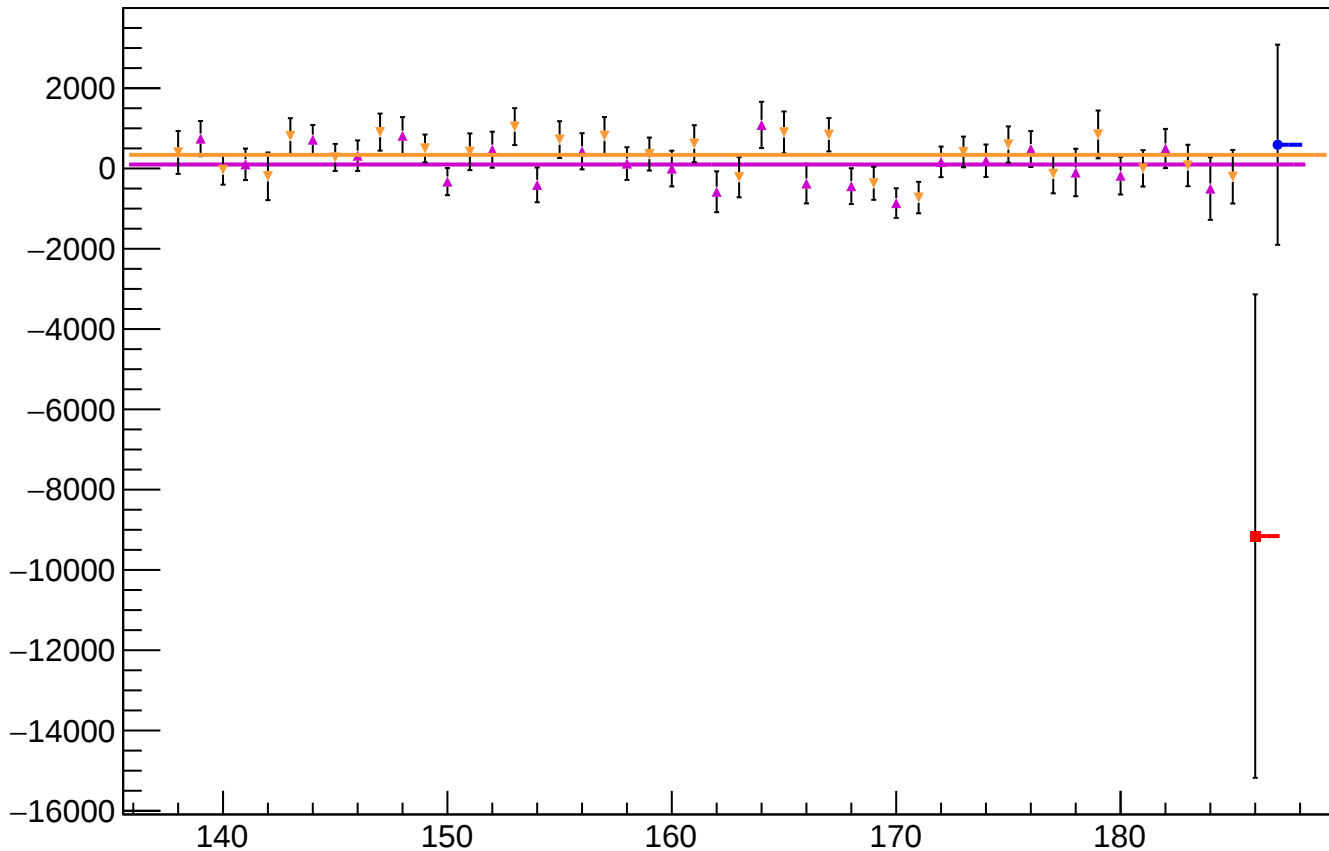
Left In: 73.060 $\pm$ 0.013 χ^2 /NDF:899002.7/22

+ sign 71.389 $\pm$ 0.012 χ^2 /NDF: 1247448.3/25

All: 72.297 $\pm$ 0.009 χ^2 /NDF: 2662397.4/49

- sign 73.289 $\pm$ 0.013 χ^2 /NDF: 1402976.4/23

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 590.770 $\pm$ 2493.088 χ^2/NDF : 0.0/0

Left Out: 339.093 $\pm$ 89.261 χ^2/NDF : 26.9/24

Right Out: -9156.702 $\pm$ 6020.904 χ^2/NDF : 0.0/0

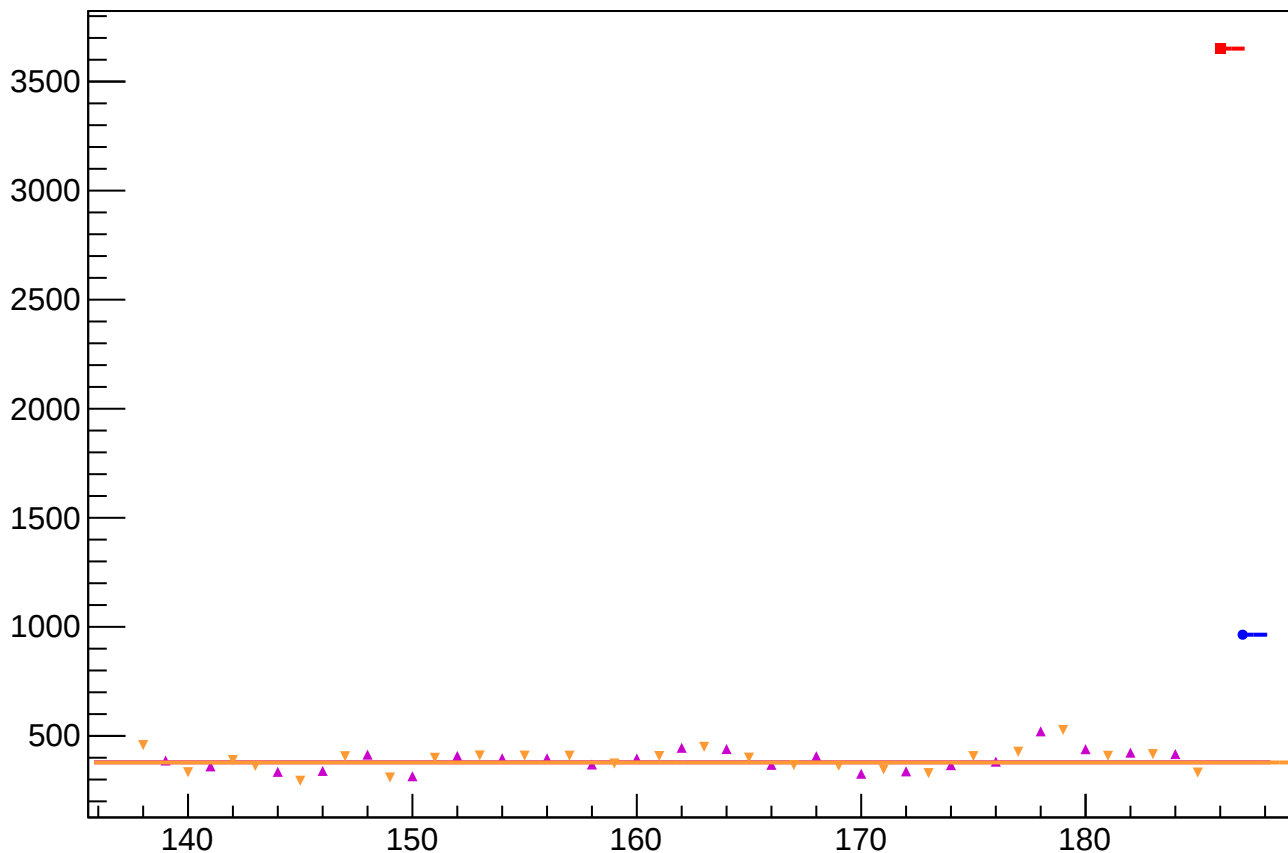
Left In: 99.003 $\pm$ 91.148 χ^2/NDF : 28.4/22

+ sign 339.415 $\pm$ 89.204 χ^2/NDF : 26.9/25

All: 220.748 $\pm$ 63.749 χ^2/NDF : 61.2/49

- sign 96.882 $\pm$ 91.137 χ^2/NDF : 30.8/23

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 964.016 $\pm$ 1.763 χ^2 /NDF: 0.0/0

Left Out: 378.284 $\pm$ 0.063 χ^2 /NDF: 606236.5/24

Right Out: 3651.091 $\pm$ 4.257 χ^2 /NDF: 0.0/0

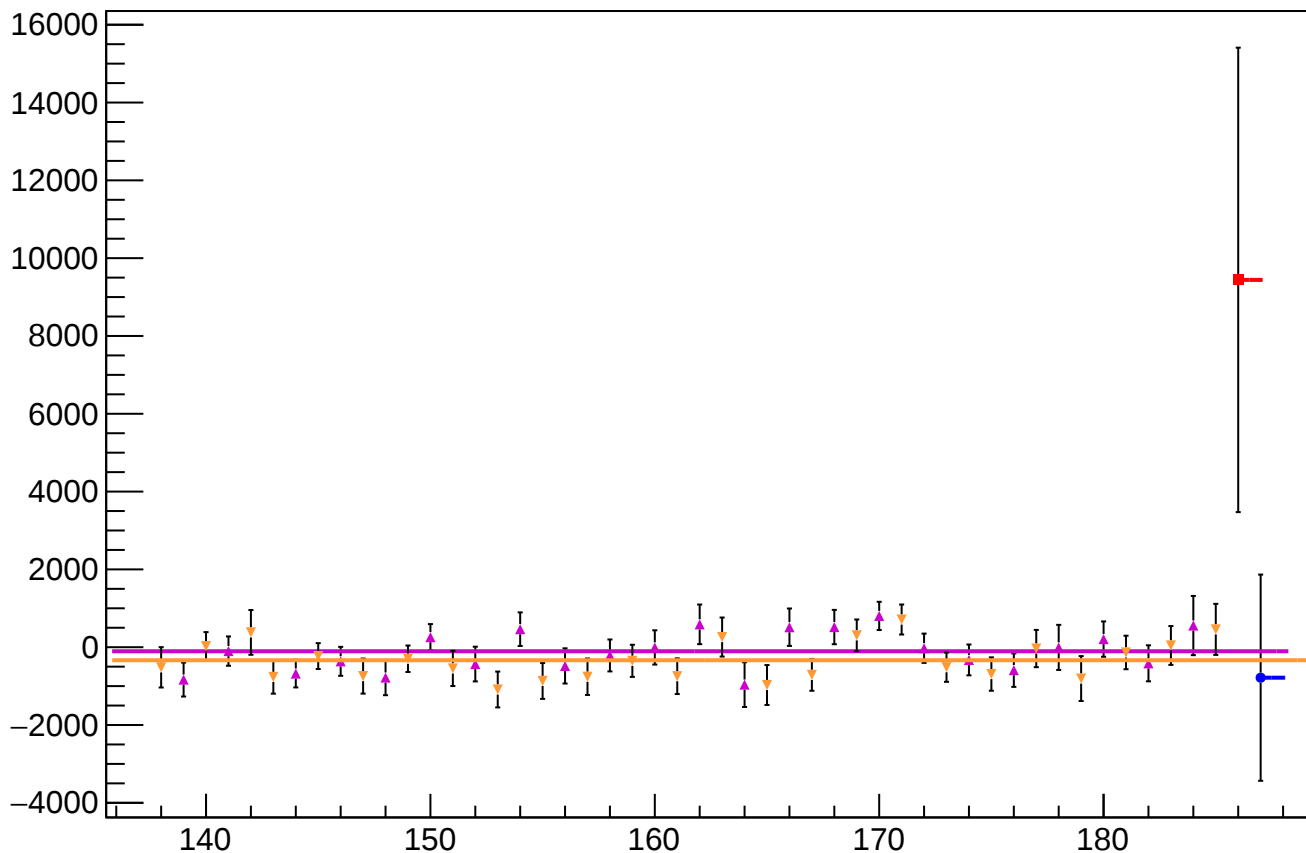
Left In: 379.293 $\pm$ 0.064 χ^2 /NDF: 458625.9/22

+ sign 379.034 $\pm$ 0.063 χ^2 /NDF: 716490.9/25

All: 379.527 $\pm$ 0.045 χ^2 /NDF: 1765687.8/49

- sign 380.042 $\pm$ 0.064 χ^2 /NDF: 1049071.9/23

asym_sam_37_48_dd_mean vs Slug



Right In: -783.813 $\pm$ 2650.230 χ^2 /NDF: 0.0/0

Left Out: -335.242 $\pm$ 87.706 χ^2 /NDF:28.3/24

Right Out: 9441.407 $\pm$ 5969.101 χ^2 /NDF: 0.0/0

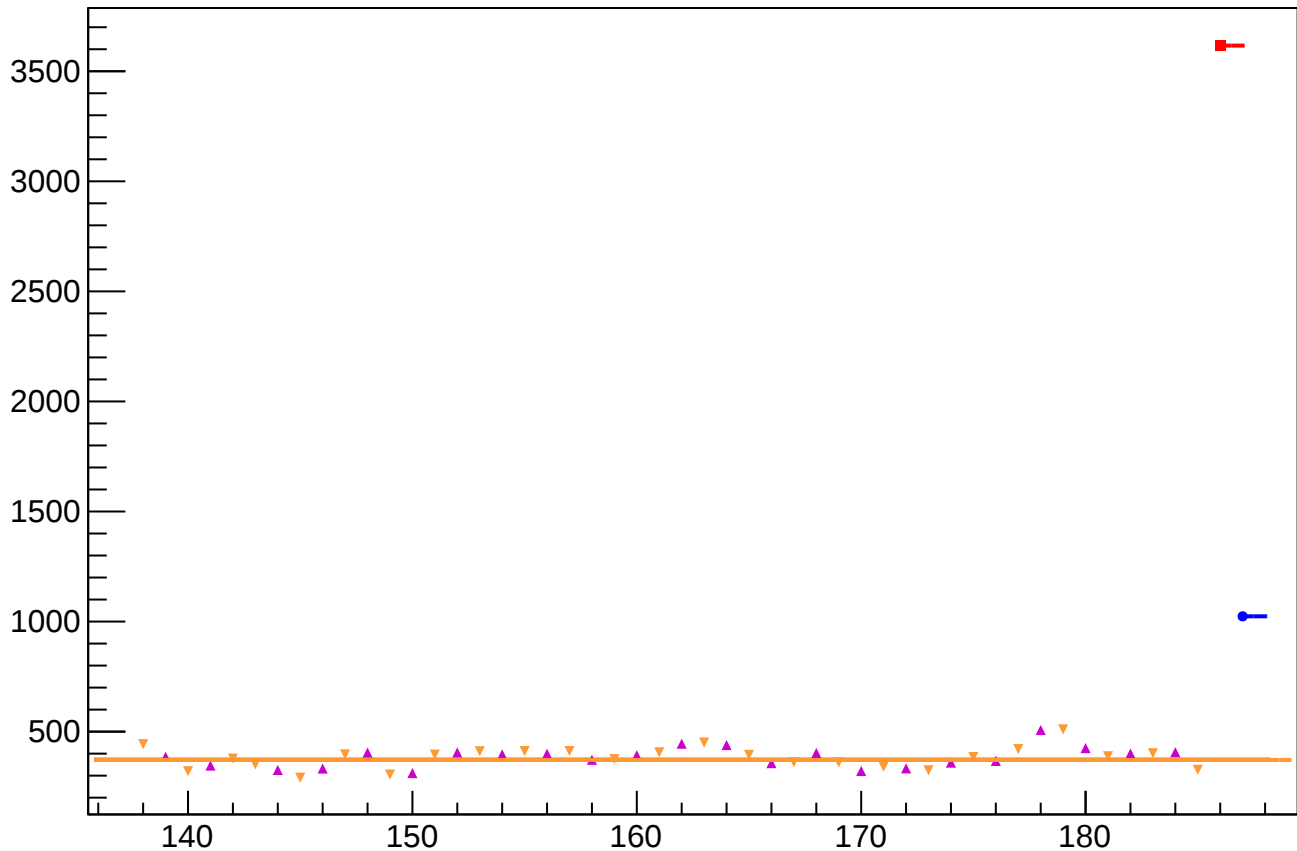
Left In: -104.117 $\pm$ 89.613 χ^2 /NDF:29.7/22

+ sign -335.733 $\pm$ 87.658 χ^2 /NDF: 28.3/25

All: -221.414 $\pm$ 62.660 χ^2 /NDF: 64.0/49

- sign -101.966 $\pm$ 89.603 χ^2 /NDF: 32.2/23

asym_sam_37_48_dd_rms vs Slug



Right In: 1023.828+/-1.874 χ^2/NDF : 0.0/0

Left Out: 371.375+/-0.062 χ^2/NDF : 604123.3/24

Right Out: 3616.538+/-4.221 χ^2/NDF : 0.0/0

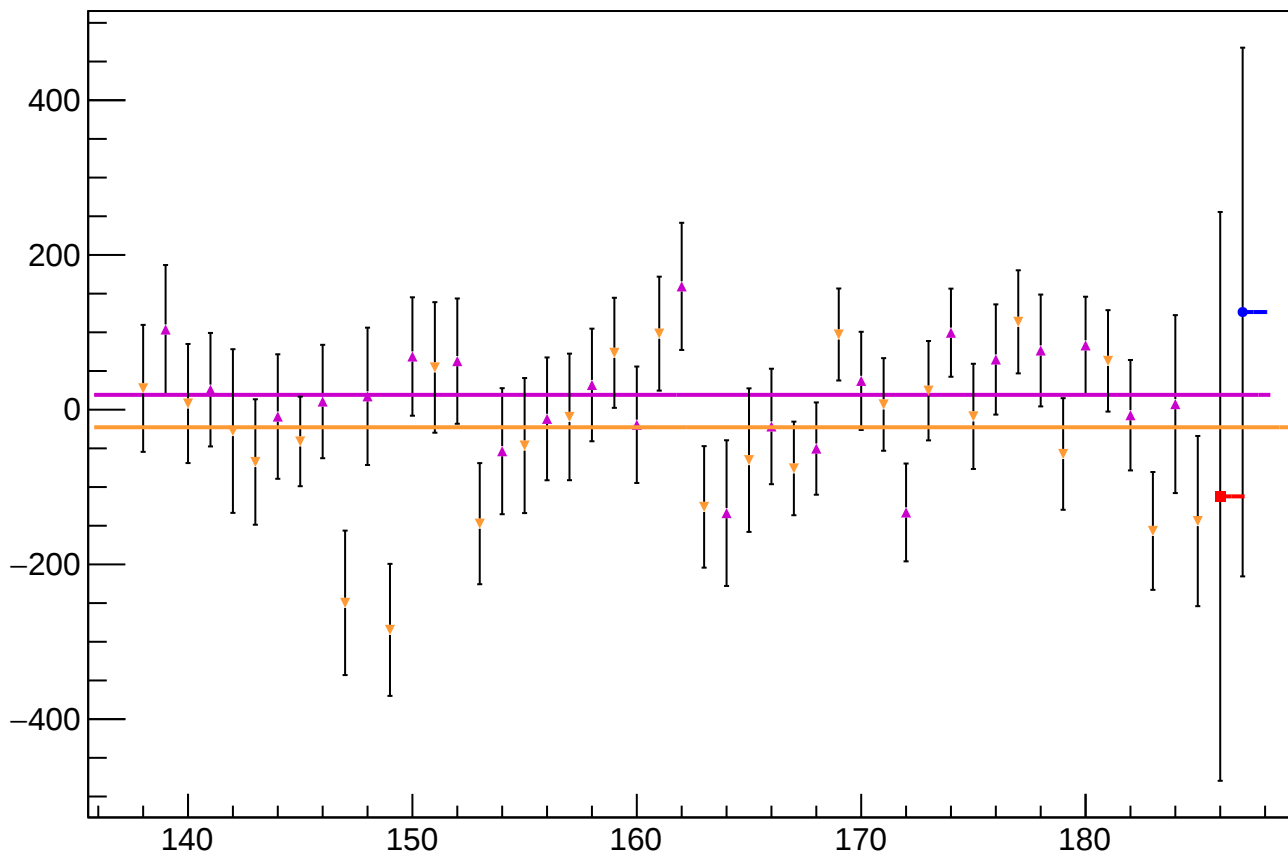
Left In: 372.574+/-0.063 χ^2/NDF : 464397.2/22

+ sign 372.089+/-0.062 χ^2/NDF : 725207.1/25

All: 372.684+/-0.044 χ^2/NDF : 1780355.7/49

- sign 373.305+/-0.063 χ^2/NDF : 1054960.4/23

dit_asym_sam_15_26_dd_mean vs Slug



Right In: 126.216 $\pm$ 341.709 χ^2 /NDF: 0.0/0

Left Out: -22.721 $\pm$ 14.820 χ^2 /NDF:42.3/24

Right Out: -112.059 $\pm$ 367.634 χ^2 /NDF: 0.0/0

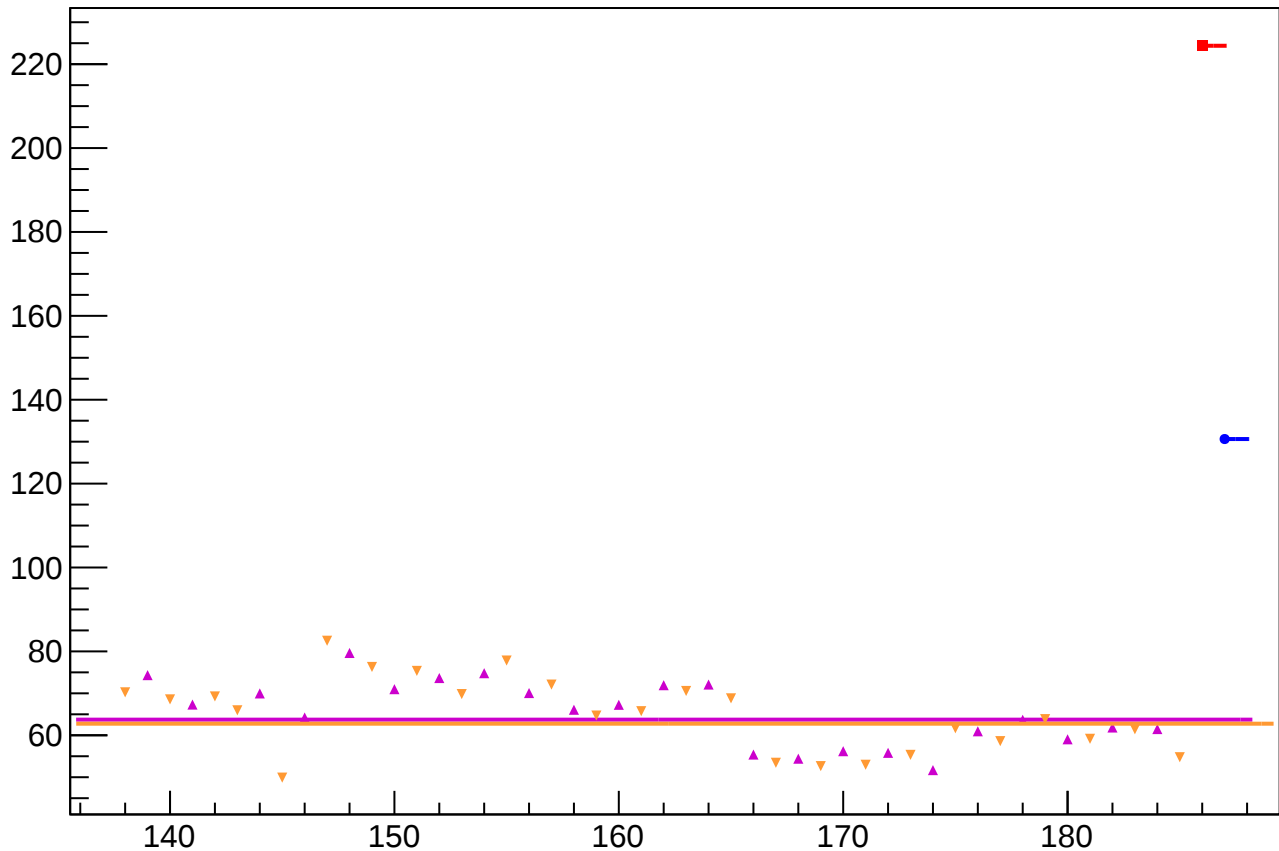
Left In: 19.165 $\pm$ 15.363 χ^2 /NDF:20.4/22

+ sign -22.441 $\pm$ 14.806 χ^2 /NDF: 42.5/25

All: -2.499 $\pm$ 10.656 χ^2 /NDF: 66.8/49

- sign 18.936 $\pm$ 15.350 χ^2 /NDF: 20.5/23

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 130.627 $\pm$ 0.242 χ^2 /NDF: 0.0/0

Left Out: 62.760 $\pm$ 0.010 χ^2 /NDF: 668235.6/24

Right Out: 224.391 $\pm$ 0.260 χ^2 /NDF: 0.0/0

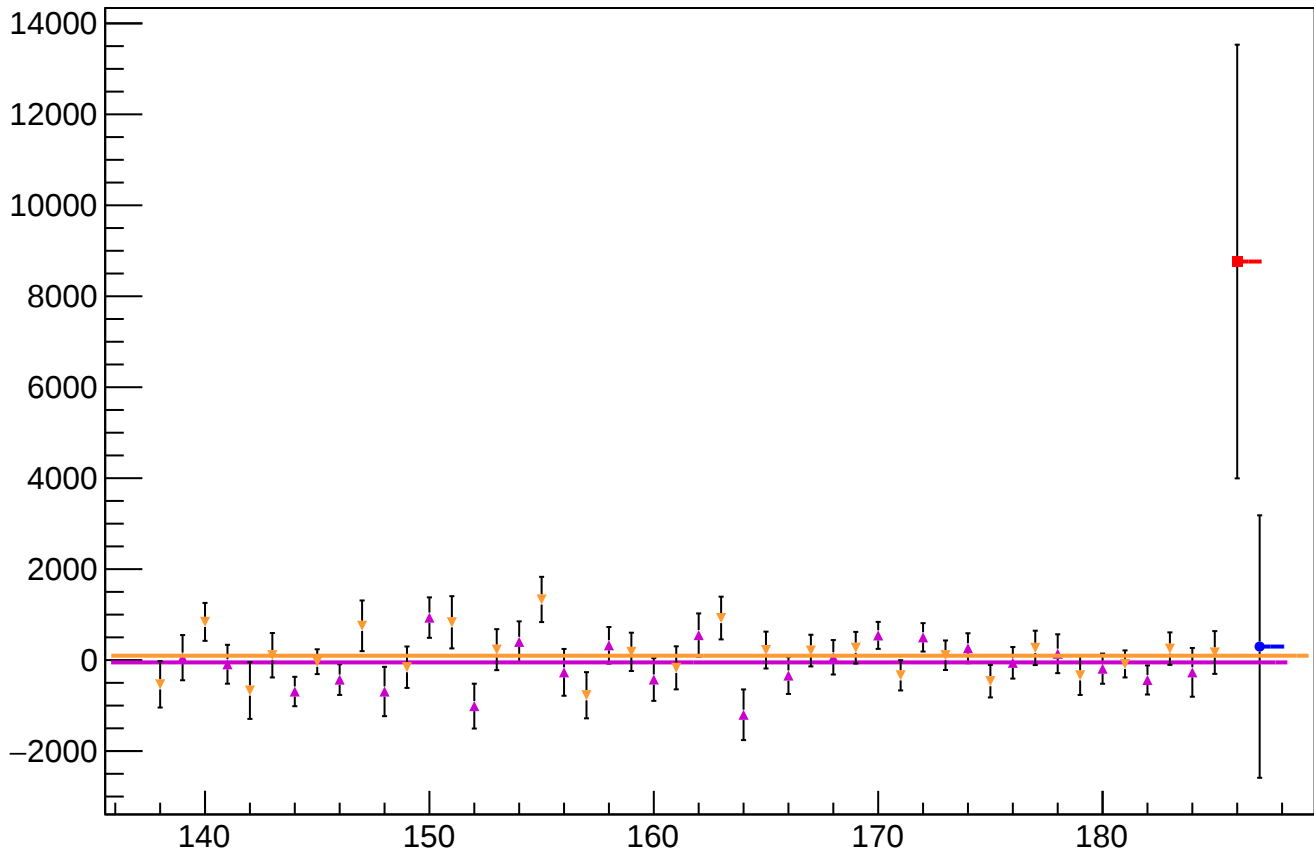
Left In: 63.726 $\pm$ 0.011 χ^2 /NDF: 492170.7/22

+ sign 62.888 $\pm$ 0.010 χ^2 /NDF: 746980.7/25

All: 63.427 $\pm$ 0.008 χ^2 /NDF: 1625967.5/49

- sign 64.006 $\pm$ 0.011 χ^2 /NDF: 873484.0/23

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 297.722 $\pm$ 2885.605 χ^2 /NDF: 0.0/0

Left Out: 96.393 $\pm$ 80.768 χ^2 /NDF:28.8/24

Right Out: 8764.052 $\pm$ 4768.042 χ^2 /NDF: 0.0/0

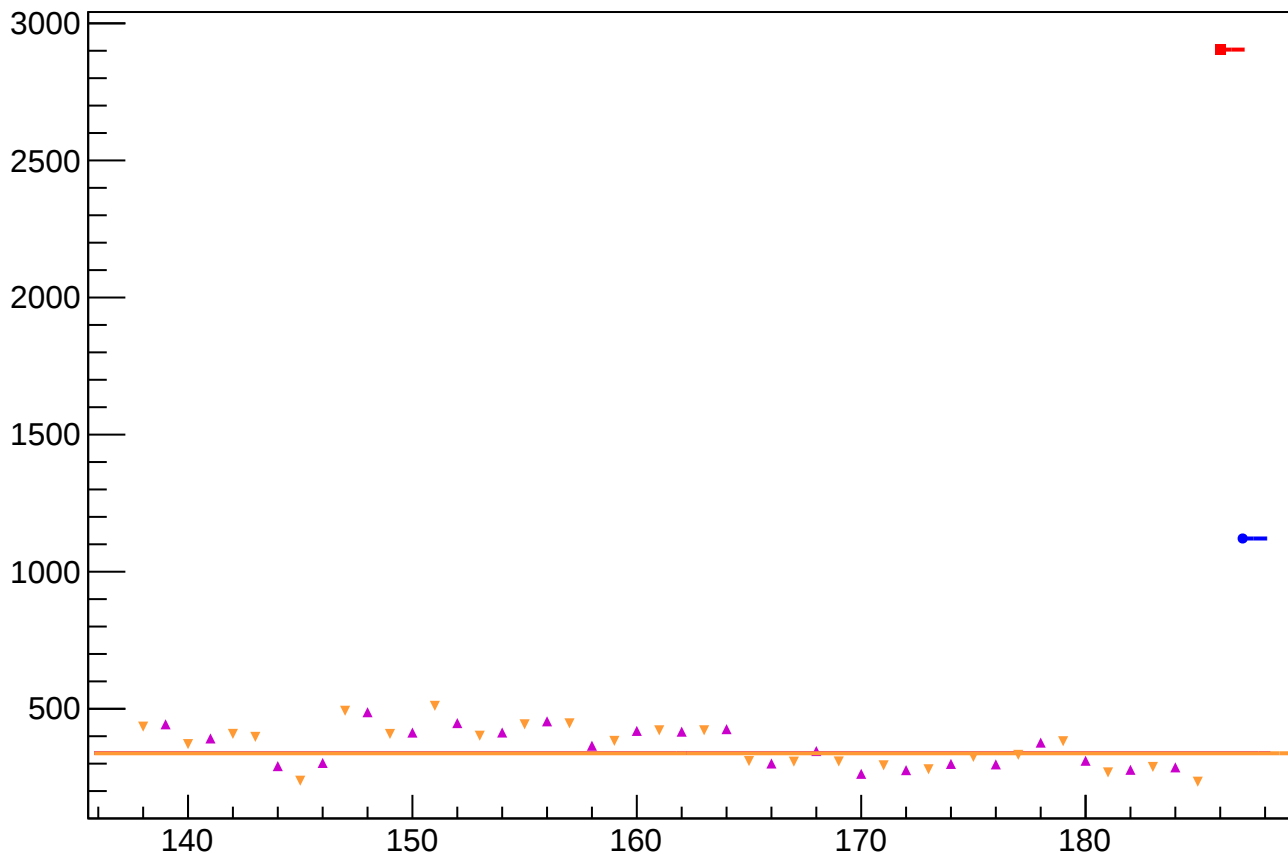
Left In: -50.544 $\pm$ 82.368 χ^2 /NDF:34.5/22

+ sign 96.551 $\pm$ 80.737 χ^2 /NDF: 28.8/25

All: 25.752 $\pm$ 57.653 χ^2 /NDF: 68.3/49

- sign -47.915 $\pm$ 82.355 χ^2 /NDF: 37.9/23

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 1121.157 $\pm$ 2.040 χ^2 /NDF: 0.0/0

Left Out: 337.809 $\pm$ 0.057 χ^2 /NDF:1576478.5/24

Right Out: 2904.237 $\pm$ 3.372 χ^2 /NDF: 0.0/0

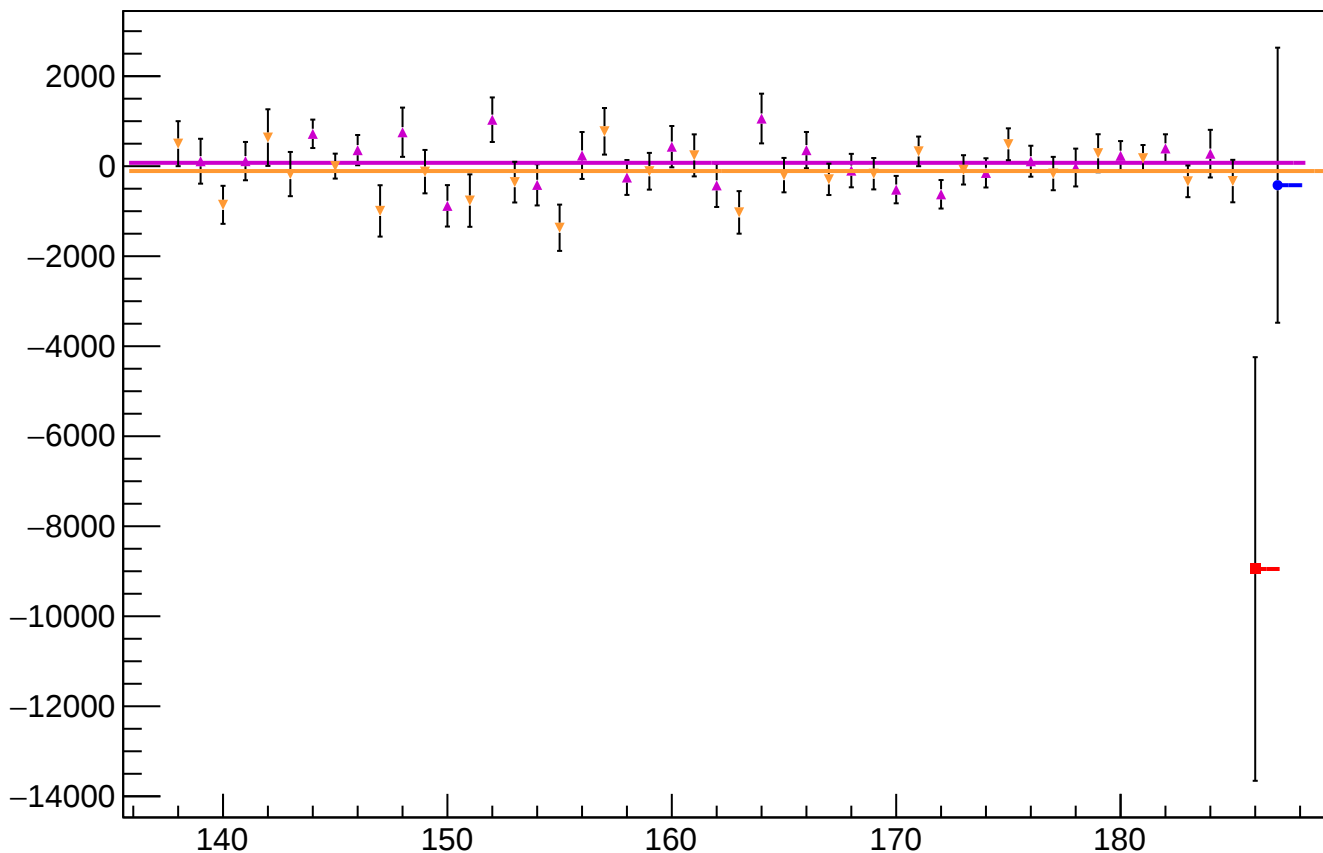
Left In: 338.855 $\pm$ 0.058 χ^2 /NDF:1225723.5/22

+ sign 338.423 $\pm$ 0.057 χ^2 /NDF: 1723752.1/25

All: 339.009 $\pm$ 0.041 χ^2 /NDF: 3528485.6/49

- sign 339.620 $\pm$ 0.058 χ^2 /NDF: 1804517.9/23

asym_sam_15_26_dd_mean vs Slug



Right In: -422.369 ± 3055.841 χ^2/NDF : 0.0/0

Left Out: -108.037 ± 80.579 χ^2/NDF : 30.9/24

Right Out: -8949.643 ± 4706.210 χ^2/NDF : 0.0/0

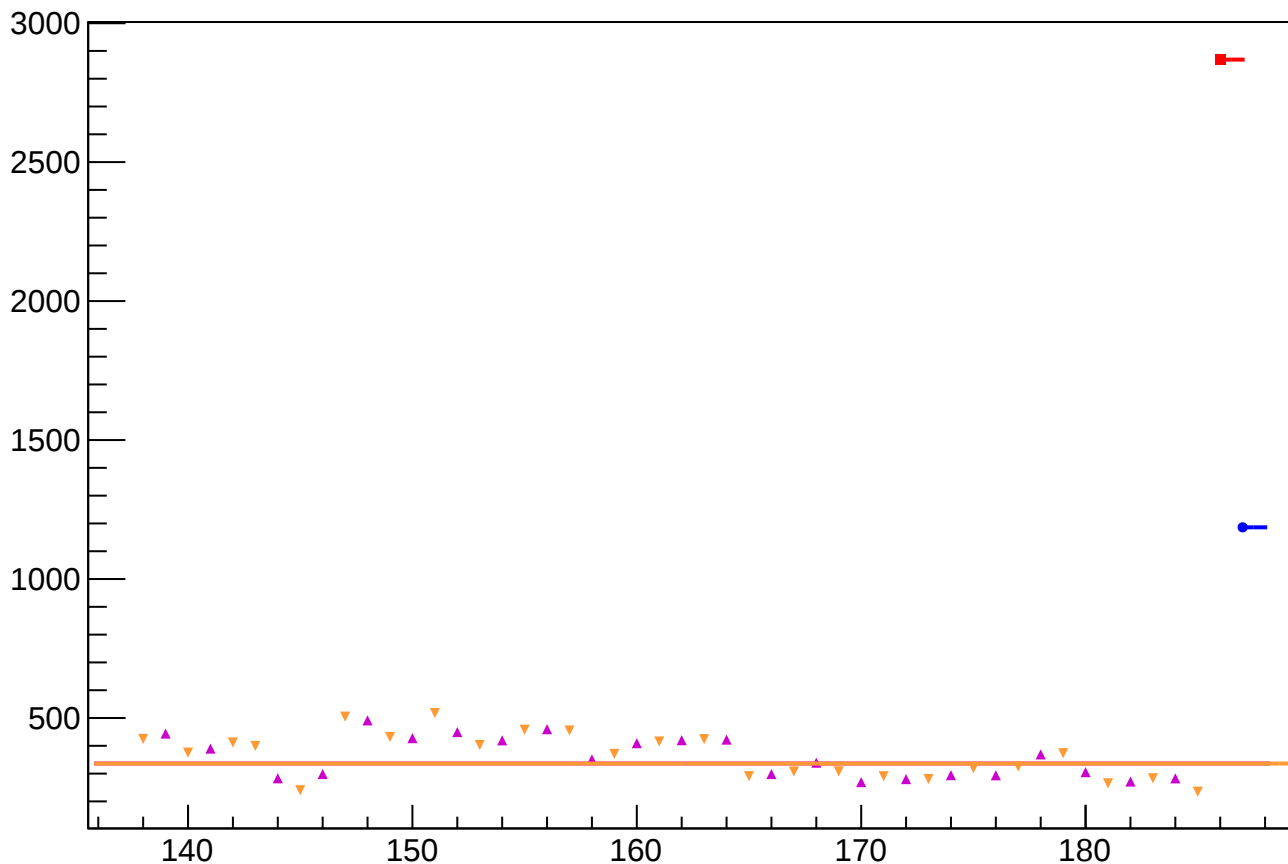
Left In: 74.986 ± 81.949 χ^2/NDF : 32.7/22

+ sign -108.255 ± 80.551 χ^2/NDF : 30.9/25

All: -19.541 ± 57.442 χ^2/NDF : 69.7/49

- sign 72.250 ± 81.937 χ^2/NDF : 36.3/23

asym_sam_15_26_dd_rms vs Slug



Right In: 1186.048 $\pm$ 2.161 χ^2 /NDF: 0.0/0

Left Out: 336.231 $\pm$ 0.057 χ^2 /NDF: 1659693.0/24

Right Out: 2868.780 $\pm$ 3.328 χ^2 /NDF: 0.0/0

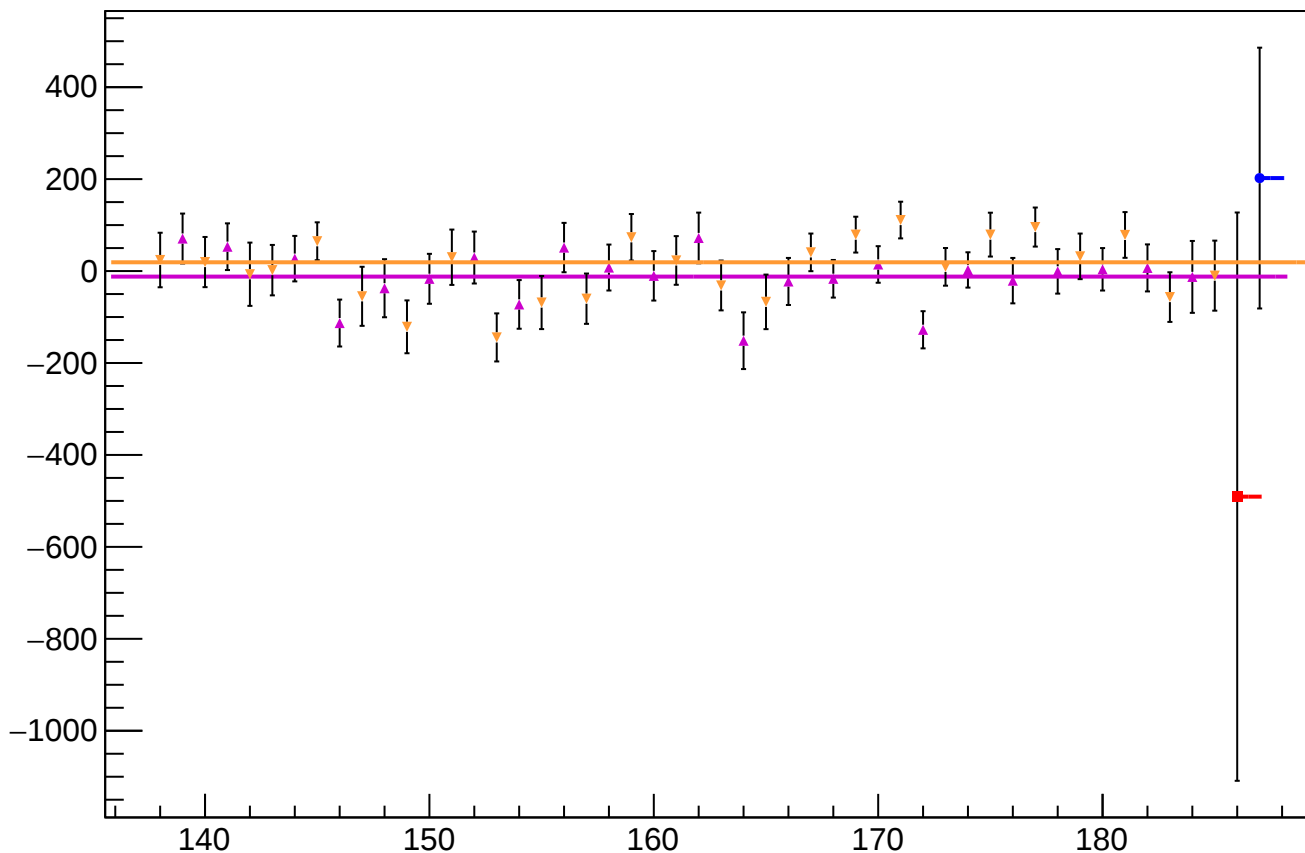
Left In: 336.396 $\pm$ 0.058 χ^2 /NDF: 1269587.6/22

+ sign 336.821 $\pm$ 0.057 χ^2 /NDF: 1814260.3/25

All: 336.990 $\pm$ 0.041 χ^2 /NDF: 3662780.7/49

- sign 337.163 $\pm$ 0.058 χ^2 /NDF: 1848502.7/23

dit_asym_sam_37_26_dd_mean vs Slug



Right In: 202.260 $\pm$ 283.677 χ^2 /NDF: 0.0/0

Left Out: 19.081 $\pm$ 10.131 χ^2 /NDF:43.6/24

Right Out: -490.735 $\pm$ 618.119 χ^2 /NDF: 0.0/0

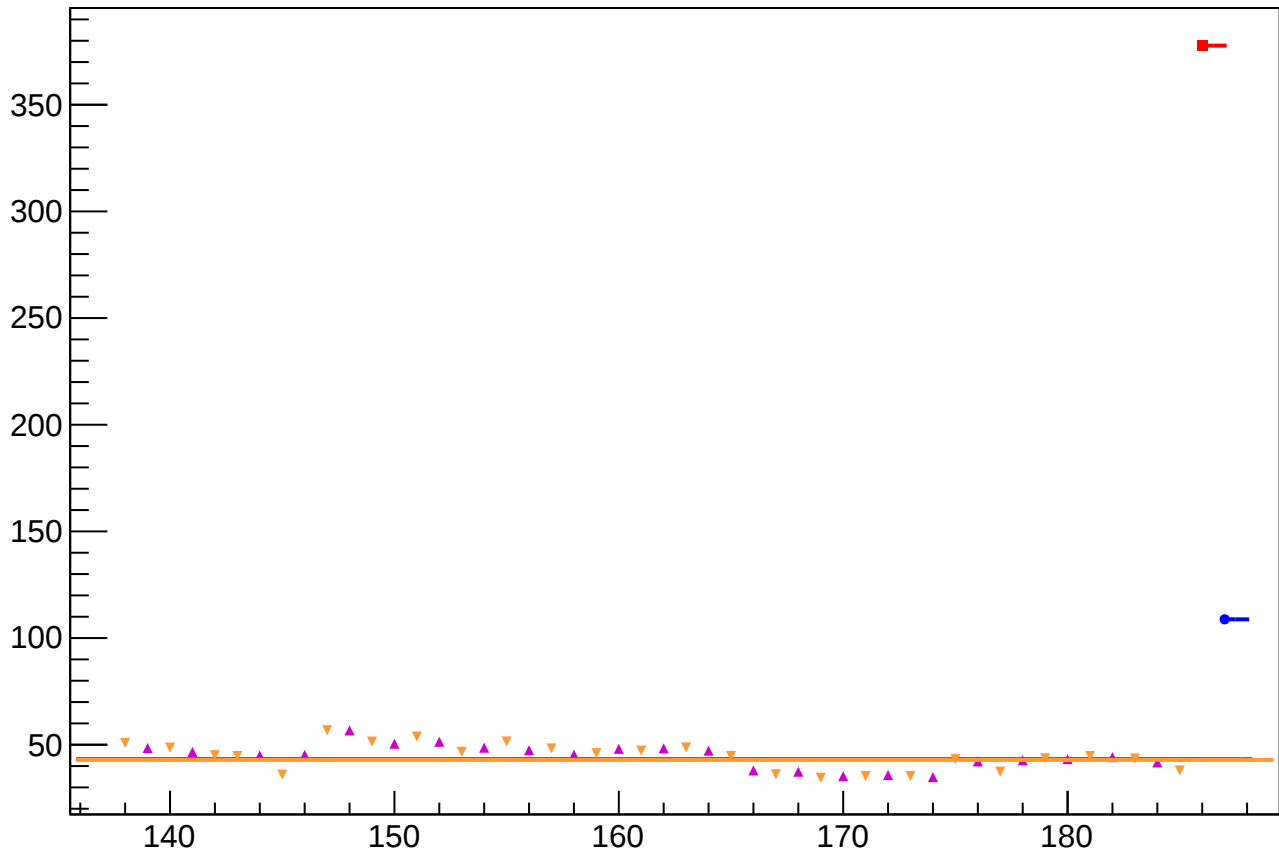
Left In: -12.058 $\pm$ 10.418 χ^2 /NDF:28.7/22

+ sign 19.315 $\pm$ 10.125 χ^2 /NDF: 44.0/25

All: 4.007 $\pm$ 7.260 χ^2 /NDF: 77.9/49

- sign -12.194 $\pm$ 10.416 χ^2 /NDF: 29.3/23

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 108.785 $\pm$ 0.201 χ^2 /NDF: 0.0/0

Left Out: 42.891 $\pm$ 0.007 χ^2 /NDF: 776701.7/24

Right Out: 377.725 $\pm$ 0.437 χ^2 /NDF: 0.0/0

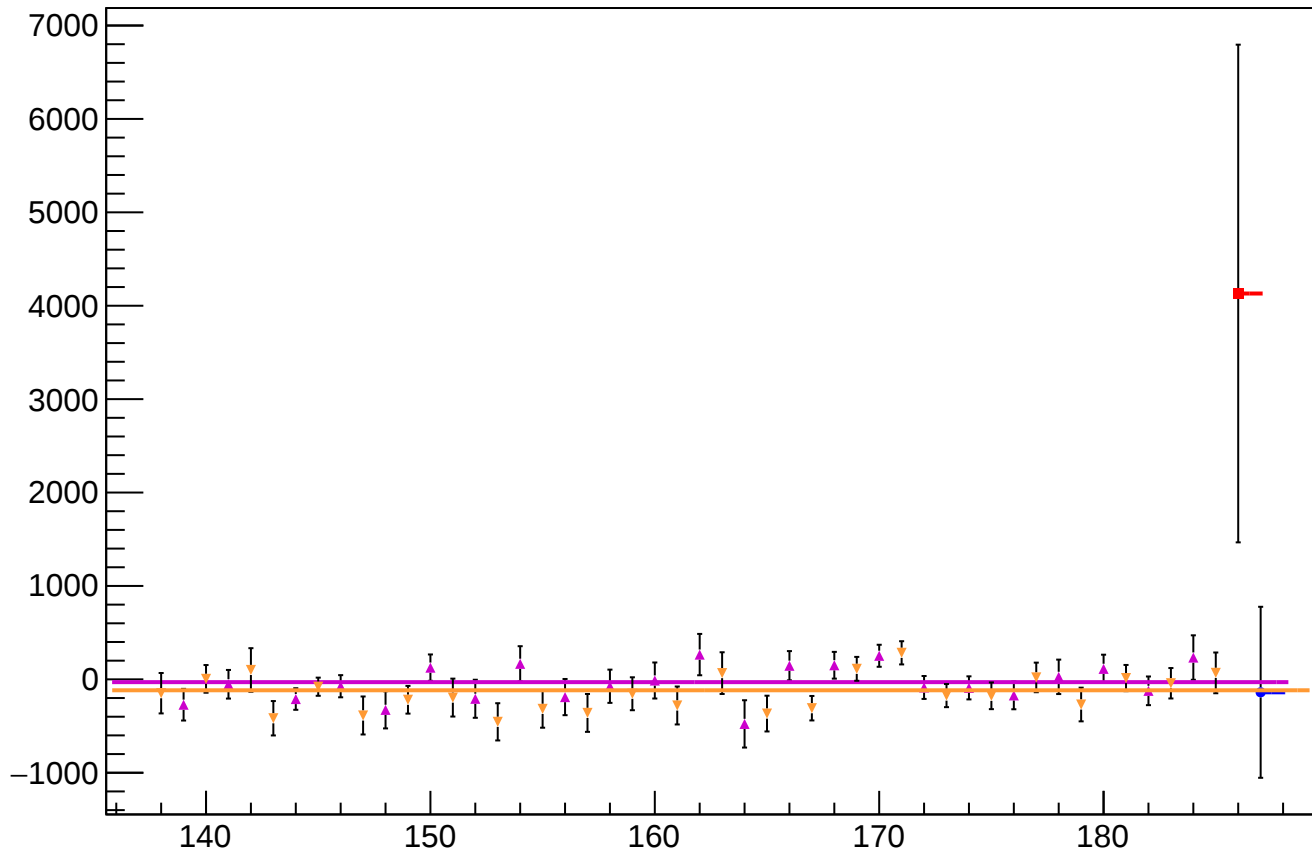
Left In: 43.271 $\pm$ 0.007 χ^2 /NDF: 588041.1/22

+ sign 42.975 $\pm$ 0.007 χ^2 /NDF: 884478.1/25

All: 43.165 $\pm$ 0.005 χ^2 /NDF: 2059347.2/49

- sign 43.366 $\pm$ 0.007 χ^2 /NDF: 1173414.7/23

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -138.608 ± 915.430 χ^2/NDF : 0.0/0

Left Out: -117.049 ± 32.089 χ^2/NDF : 34.6/24

Right Out: 4130.757 ± 2664.217 χ^2/NDF : 0.0/0

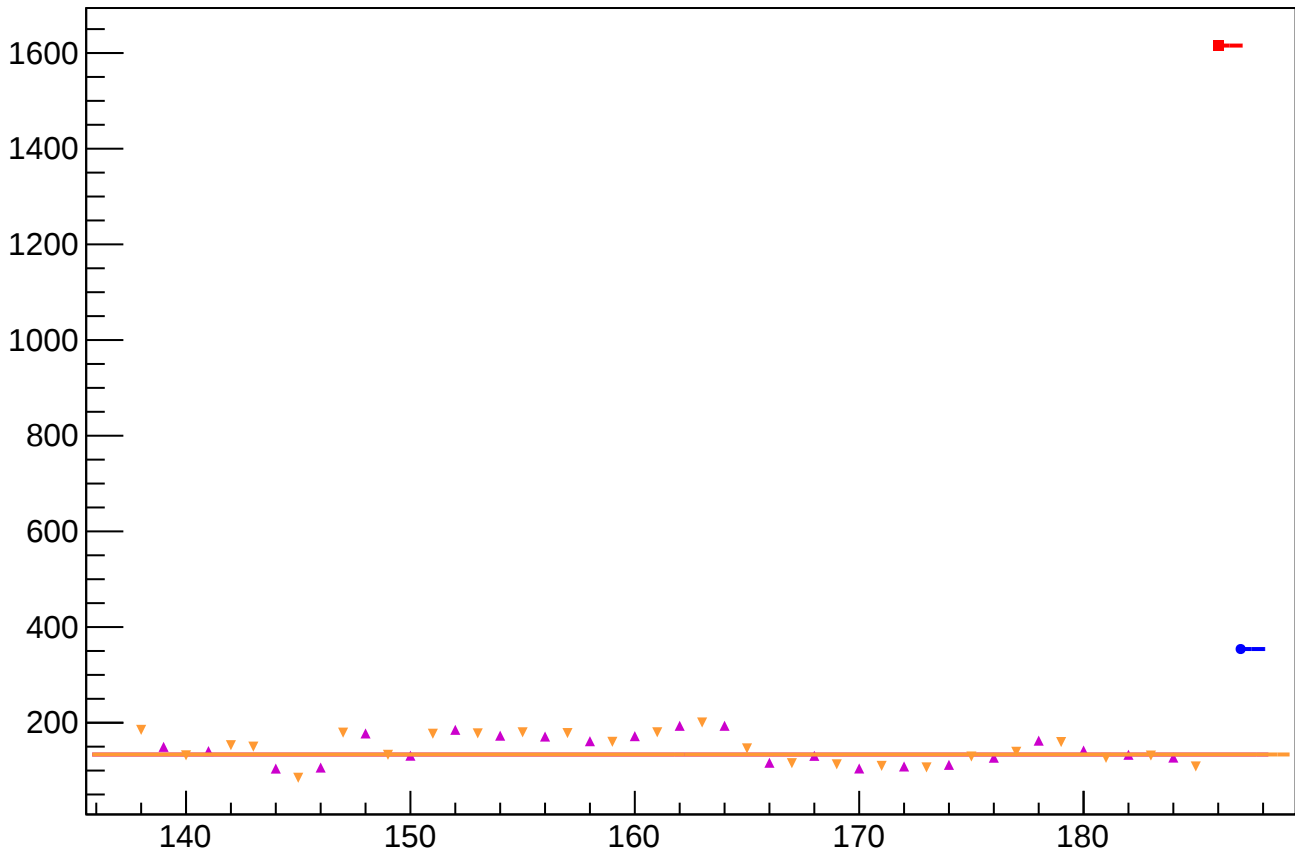
Left In: -29.883 ± 32.539 χ^2/NDF : 28.1/22

+ sign -117.076 ± 32.070 χ^2/NDF : 34.6/25

All: -73.804 ± 22.840 χ^2/NDF : 68.8/49

- sign -29.262 ± 32.537 χ^2/NDF : 30.5/23

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 354.053 $\pm$ 0.647 χ^2 /NDF: 0.0/0

Left Out: 133.648 $\pm$ 0.023 χ^2 /NDF:1811807.2/24

Right Out: 1615.577 $\pm$ 1.884 χ^2 /NDF: 0.0/0

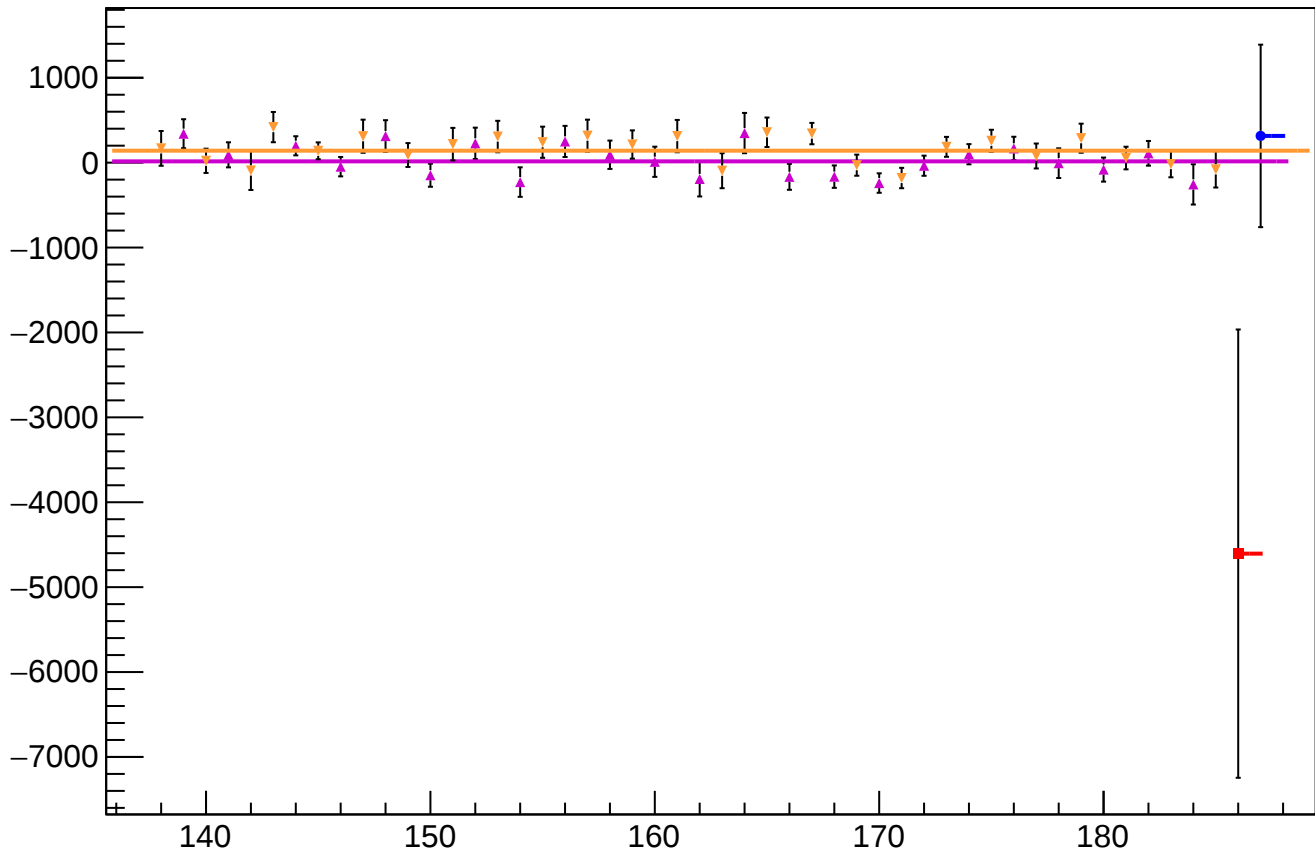
Left In: 133.485 $\pm$ 0.023 χ^2 /NDF:1387618.1/22

+ sign 133.919 $\pm$ 0.023 χ^2 /NDF: 1927601.1/25

All: 133.814 $\pm$ 0.016 χ^2 /NDF: 3934099.6/49

- sign 133.706 $\pm$ 0.023 χ^2 /NDF: 2006455.1/23

asym_sam_37_26_dd_mean vs Slug



Right In: 314.856 ± 1074.786 χ^2/NDF : 0.0/0

Left Out: 141.008 ± 30.636 χ^2/NDF : 27.1/24

Right Out: -4605.425 ± 2640.214 χ^2/NDF : 0.0/0

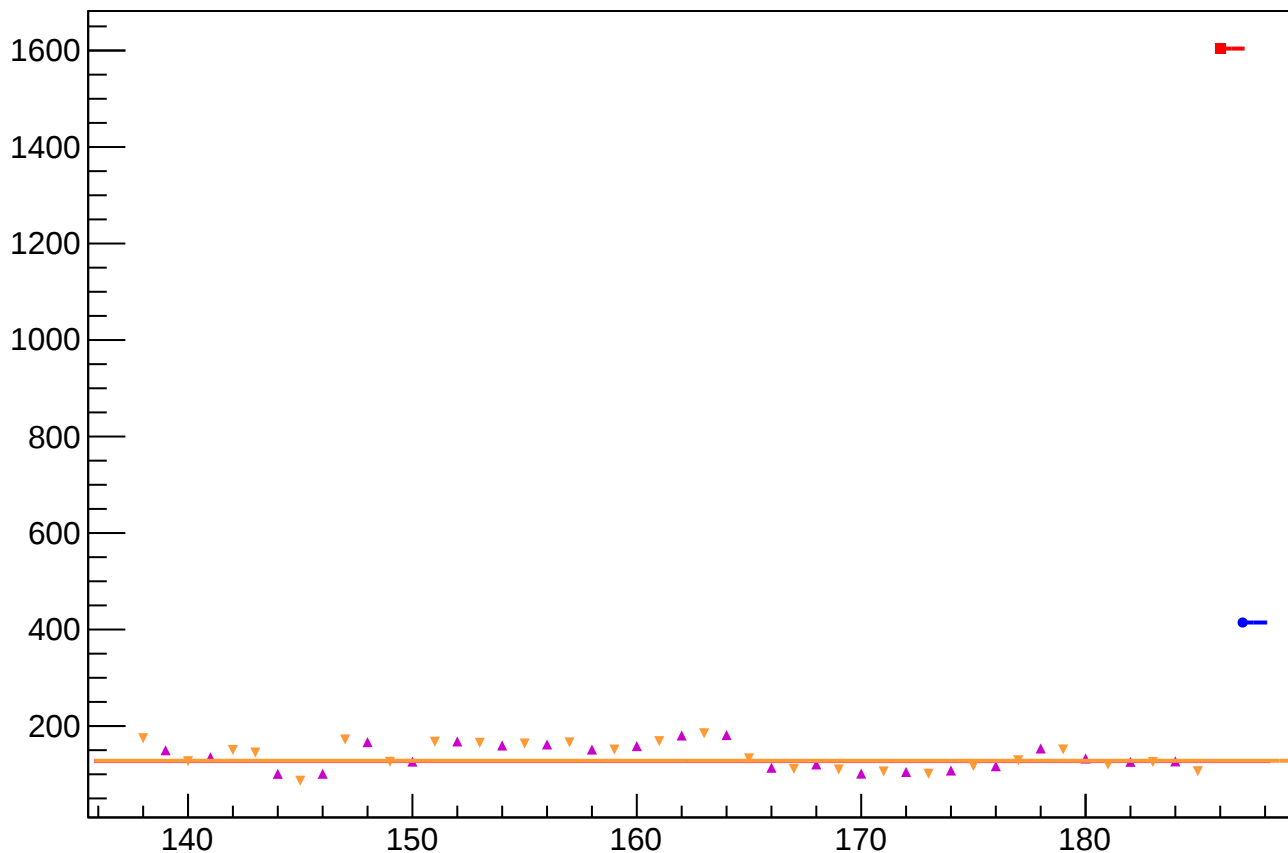
Left In: 15.199 ± 31.033 χ^2/NDF : 31.4/22

+ sign 141.149 ± 30.623 χ^2/NDF : 27.2/25

All: 78.692 ± 21.797 χ^2/NDF : 70.0/49

- sign 14.561 ± 31.031 χ^2/NDF : 34.4/23

asym_sam_37_26_dd_rms vs Slug



Right In: 414.557 $\pm$ 0.760 χ^2 /NDF: 0.0/0

Left Out: 128.060 $\pm$ 0.022 χ^2 /NDF:1530283.7/24

Right Out: 1604.044 $\pm$ 1.867 χ^2 /NDF: 0.0/0

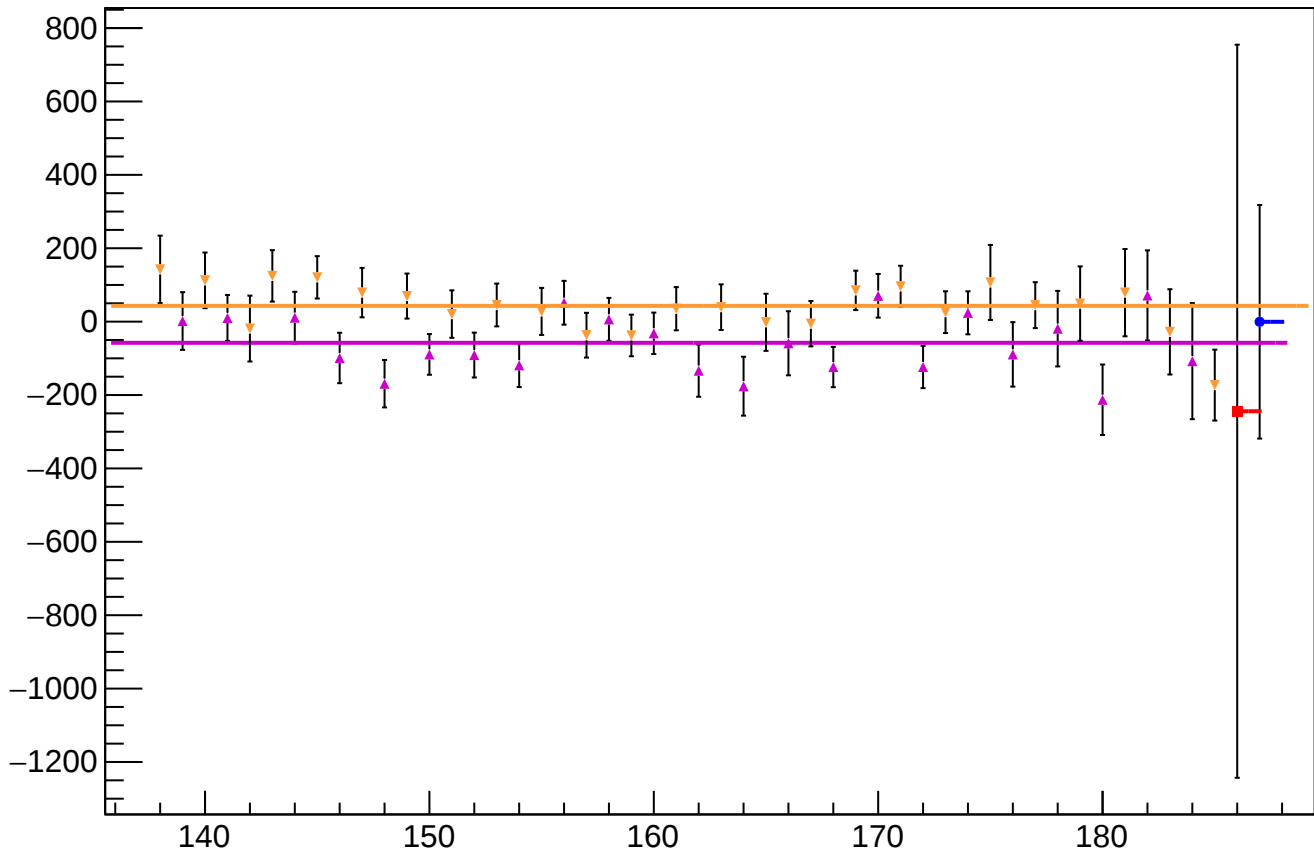
Left In: 127.380 $\pm$ 0.022 χ^2 /NDF:1229899.0/22

+ sign 128.292 $\pm$ 0.022 χ^2 /NDF: 1672279.5/25

All: 127.943 $\pm$ 0.015 χ^2 /NDF: 3528247.3/49

- sign 127.584 $\pm$ 0.022 χ^2 /NDF: 1855439.4/23

dit_asym_sam_1357_avg_mean vs Slug



Right In: -0.451 ± 318.200 χ^2/NDF : 0.0/0

Left Out: 43.099 ± 13.598 χ^2/NDF : 18.5/24

Right Out: -244.156 ± 998.929 χ^2/NDF : 0.0/0

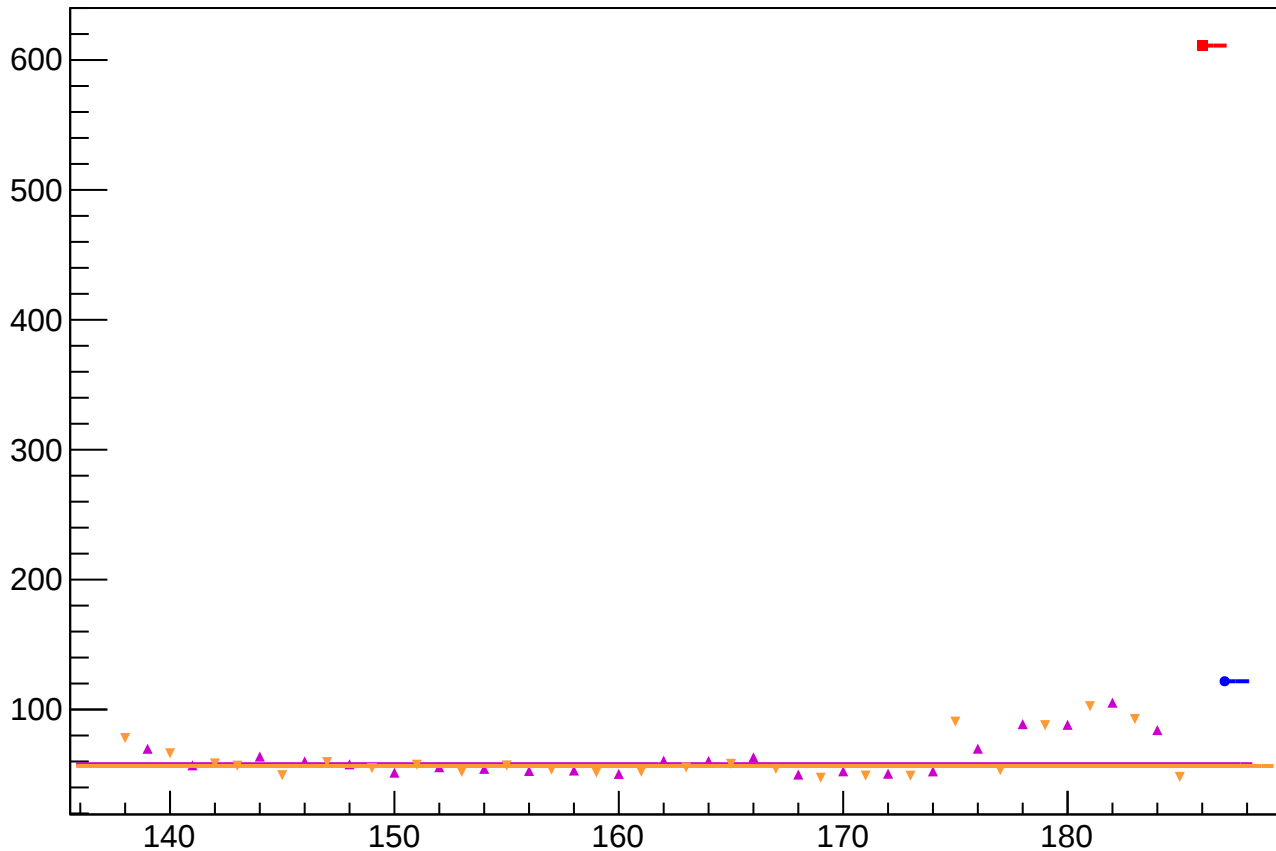
Left In: -57.672 ± 14.197 χ^2/NDF : 29.2/22

+ sign 43.020 ± 13.586 χ^2/NDF : 18.5/25

All: -5.136 ± 9.815 χ^2/NDF : 74.0/49

- sign -57.710 ± 14.195 χ^2/NDF : 29.2/23

dit_asym_sam_1357_avg_rms vs Slug



Right In: 121.747 $\pm$ 0.225 χ^2 /NDF: 0.0/0

Left Out: 56.550 $\pm$ 0.010 χ^2 /NDF:1281733.4/24

Right Out: 611.108 $\pm$ 0.706 χ^2 /NDF: 0.0/0

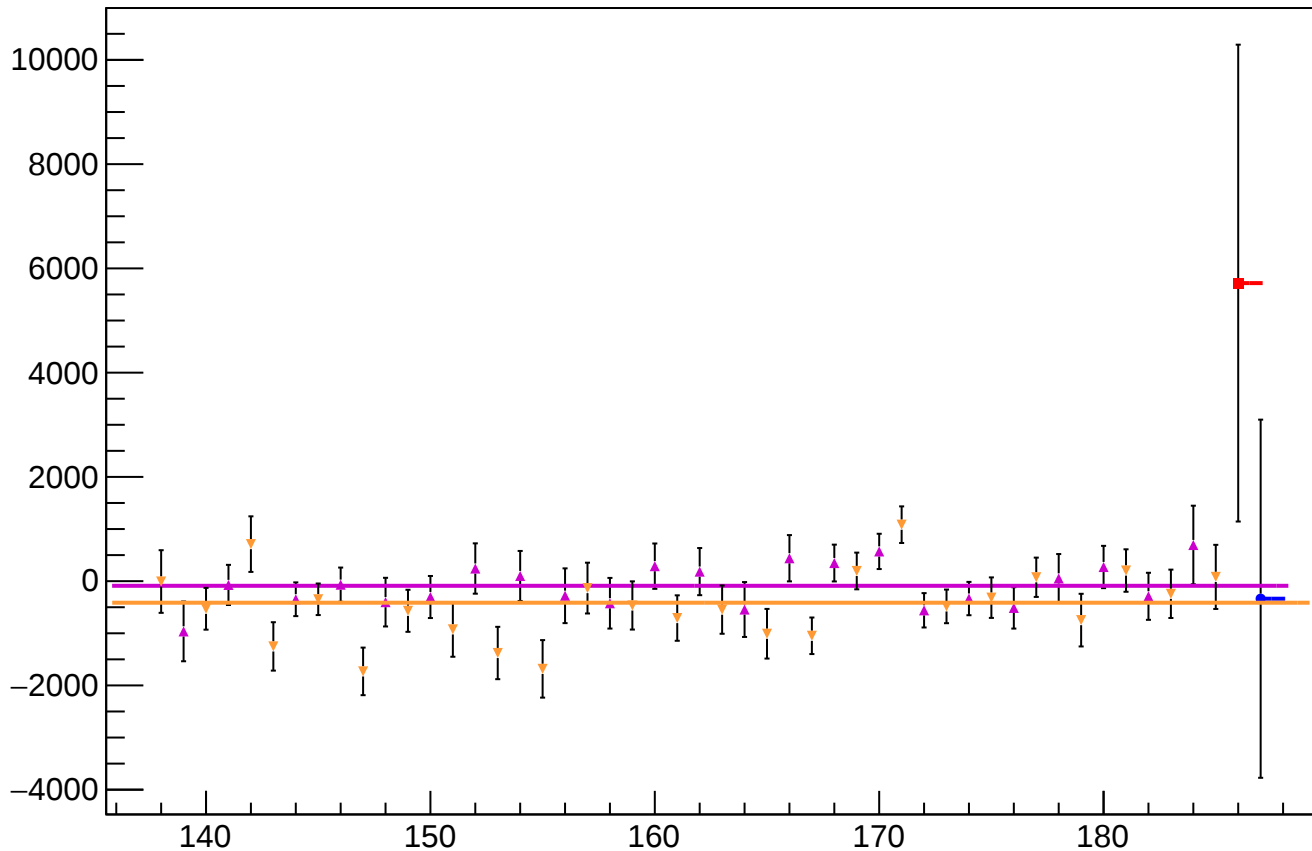
Left In: 57.902 $\pm$ 0.010 χ^2 /NDF:1053676.8/22

+ sign 56.669 $\pm$ 0.010 χ^2 /NDF: 1365543.3/25

All: 57.312 $\pm$ 0.007 χ^2 /NDF: 3041854.8/49

- sign 58.014 $\pm$ 0.010 χ^2 /NDF: 1666939.4/23

asym_sam_1357_avg_correction_mean vs Slug



Right In: -336.793+/-3435.391 χ^2/NDF : 0.0/0

Left Out: -413.404+/-85.138 χ^2/NDF : 58.9/24

Right Out: 5717.997+/-4573.999 χ^2/NDF : 0.0/0

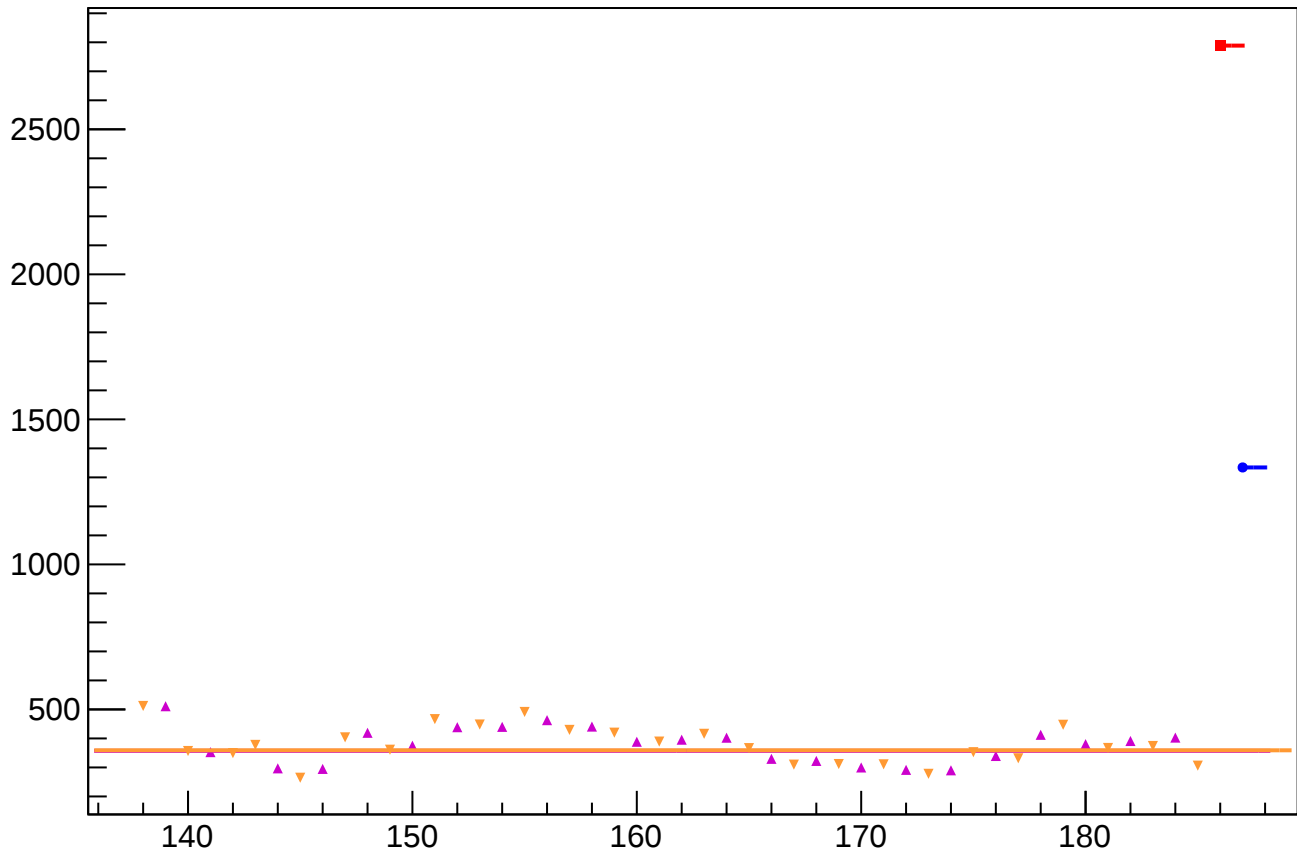
Left In: -88.888+/-86.344 χ^2/NDF : 19.5/22

+ sign -413.357+/-85.112 χ^2/NDF : 58.9/25

All: -252.405+/-60.609 χ^2/NDF : 87.2/49

- sign -86.820+/-86.329 χ^2/NDF : 21.1/23

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1334.256 $\pm$ 2.429 χ^2 /NDF: 0.0/0

Left Out: 359.089 $\pm$ 0.060 χ^2 /NDF: 1055463.4/24

Right Out: 2788.590 $\pm$ 3.234 χ^2 /NDF: 0.0/0

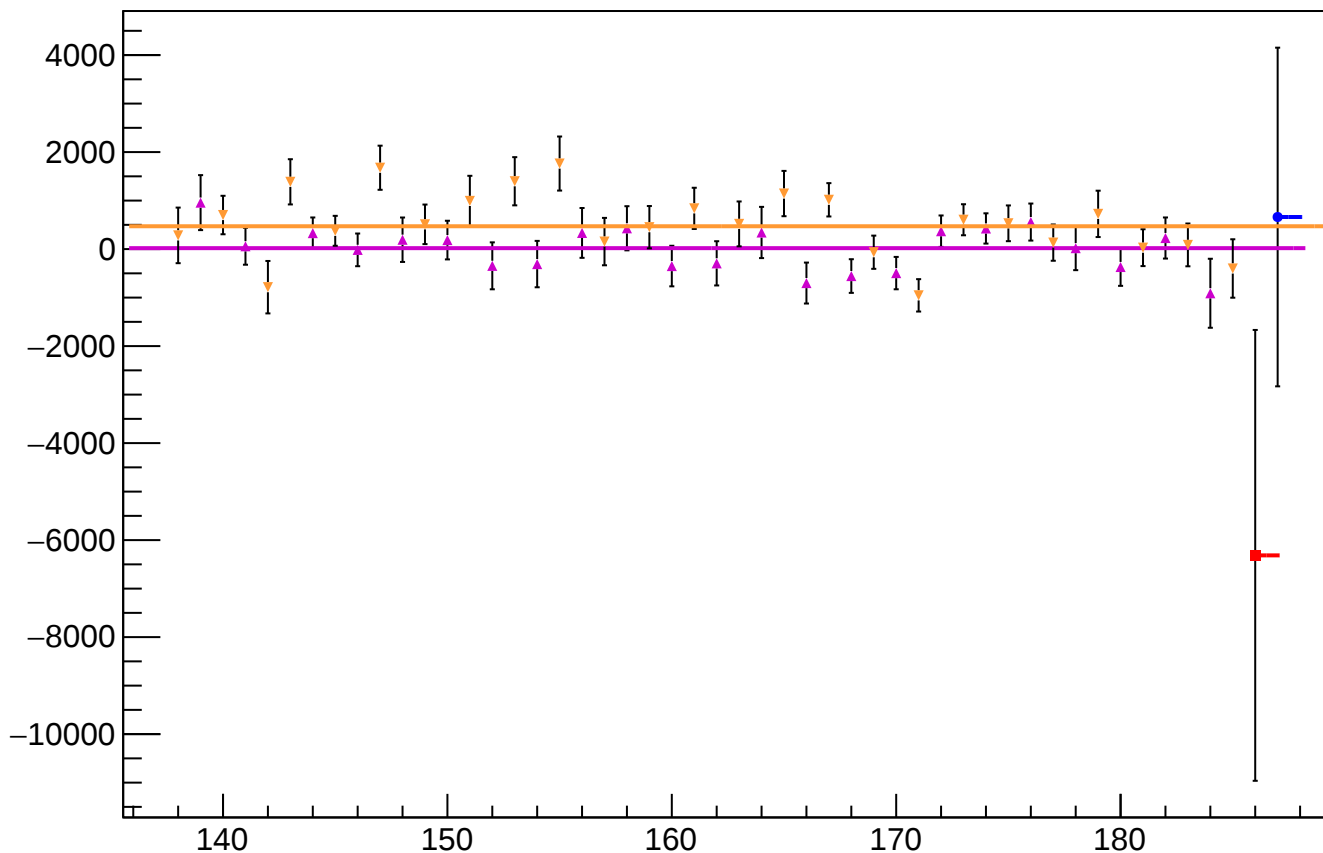
Left In: 357.207 $\pm$ 0.061 χ^2 /NDF: 930542.1/22

+ sign 359.688 $\pm$ 0.060 χ^2 /NDF: 1216516.3/25

All: 358.892 $\pm$ 0.043 χ^2 /NDF: 2712336.9/49

- sign 358.073 $\pm$ 0.061 χ^2 /NDF: 1495465.9/23

asym_sam_1357_avg_mean vs Slug



Right In: 661.464 ± 3491.212 χ^2/NDF : 0.0/0

Left Out: 470.804 ± 83.480 χ^2/NDF : 58.7/24

Right Out: -6314.741 ± 4647.532 χ^2/NDF : 0.0/0

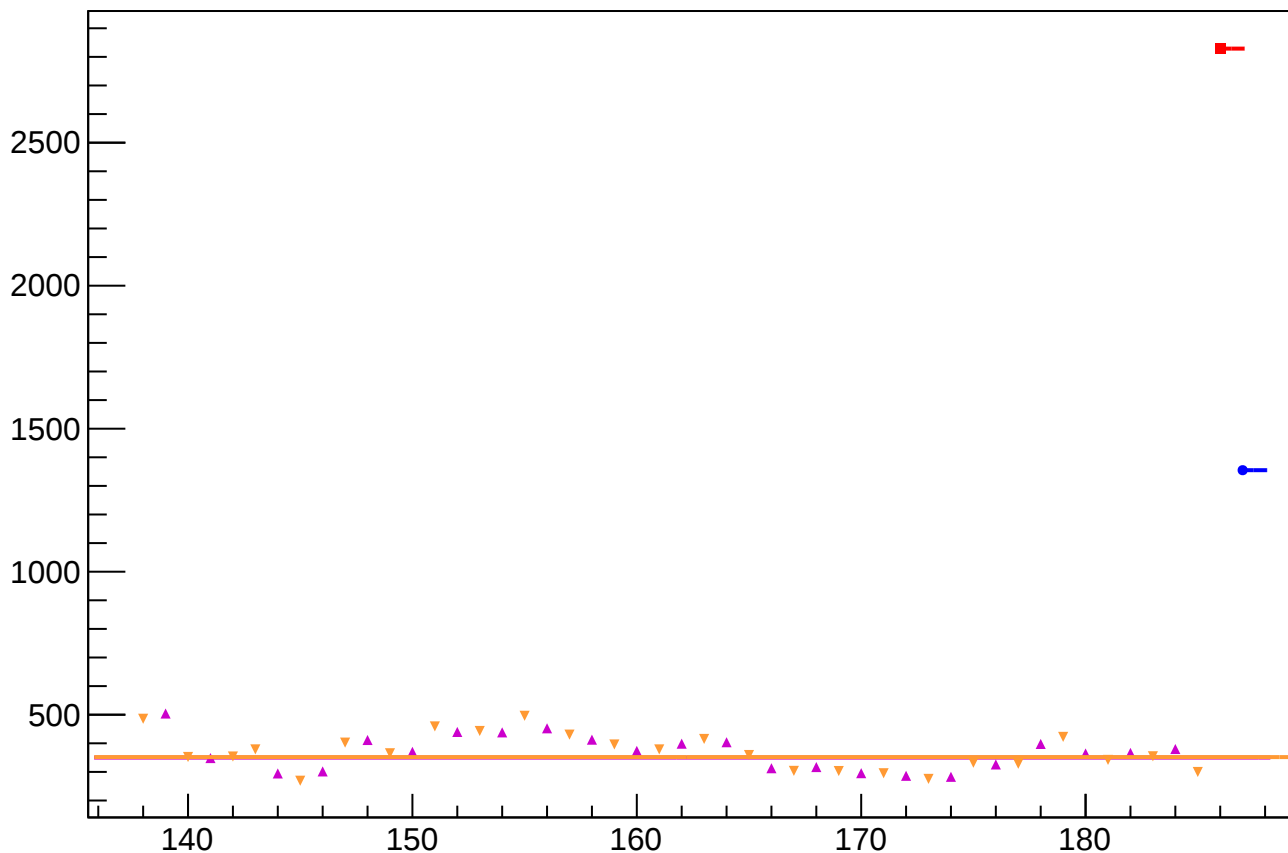
Left In: 19.328 ± 84.679 χ^2/NDF : 23.7/22

+ sign 470.913 ± 83.456 χ^2/NDF : 58.7/25

All: 247.333 ± 59.435 χ^2/NDF : 98.8/49

- sign 17.226 ± 84.665 χ^2/NDF : 25.5/23

asym_sam_1357_avg_rms vs Slug



Right In: 1354.921+/-2.469 χ^2/NDF : 0.0/0

Left Out: 351.777+/-0.059 χ^2/NDF : 1016791.1/24

Right Out: 2828.897+/-3.286 χ^2/NDF : 0.0/0

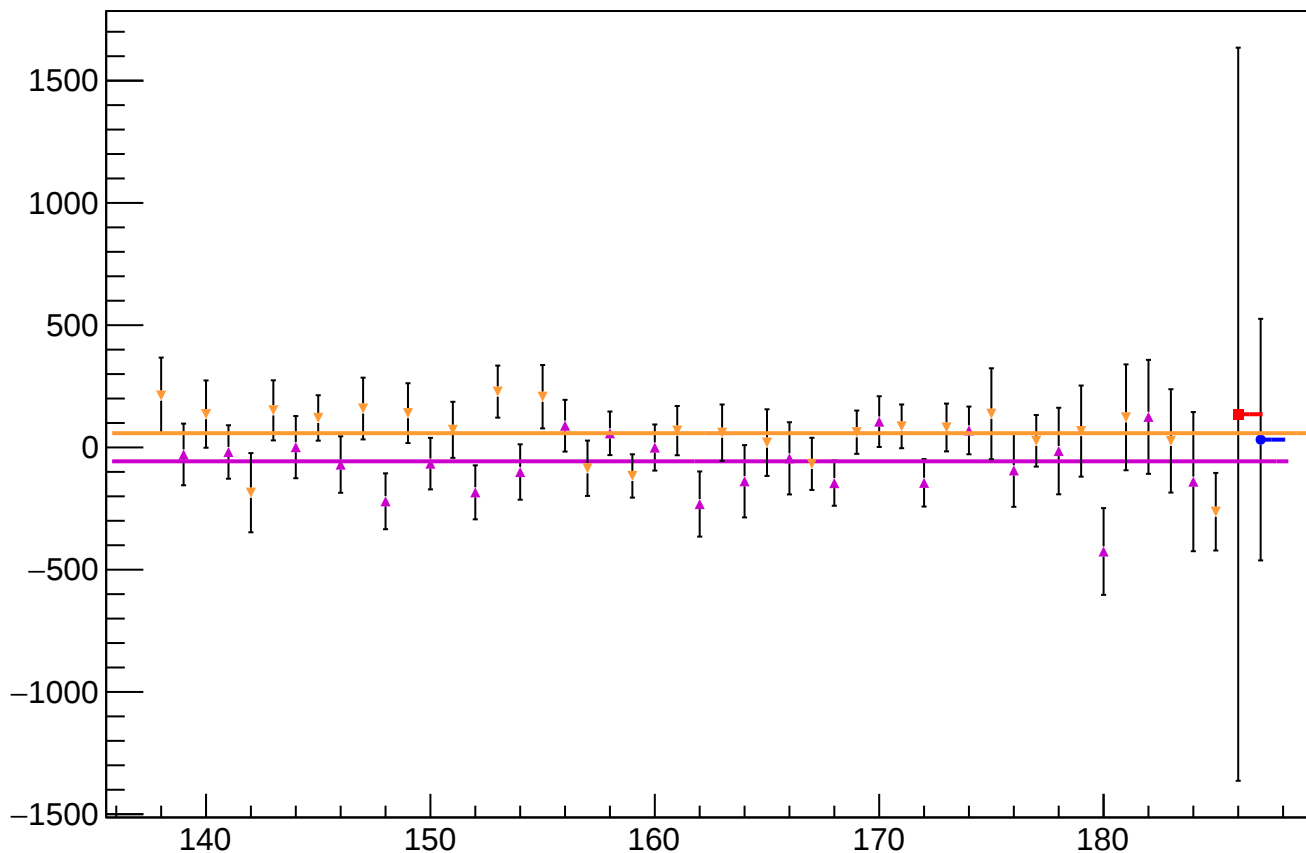
Left In: 350.037+/-0.060 χ^2/NDF : 889435.7/22

+ sign 352.350+/-0.059 χ^2/NDF : 1181818.3/25

All: 351.616+/-0.042 χ^2/NDF : 2640349.3/49

- sign 350.860+/-0.060 χ^2/NDF : 1458216.6/23

dit_asym_sam_2468_avg_mean vs Slug



Right In: 31.932 $\pm$ 494.038 χ^2 /NDF: 0.0/0

Left Out: 58.293 $\pm$ 23.720 χ^2 /NDF:21.2/24

Right Out: 135.776 $\pm$ 1499.166 χ^2 /NDF: 0.0/0

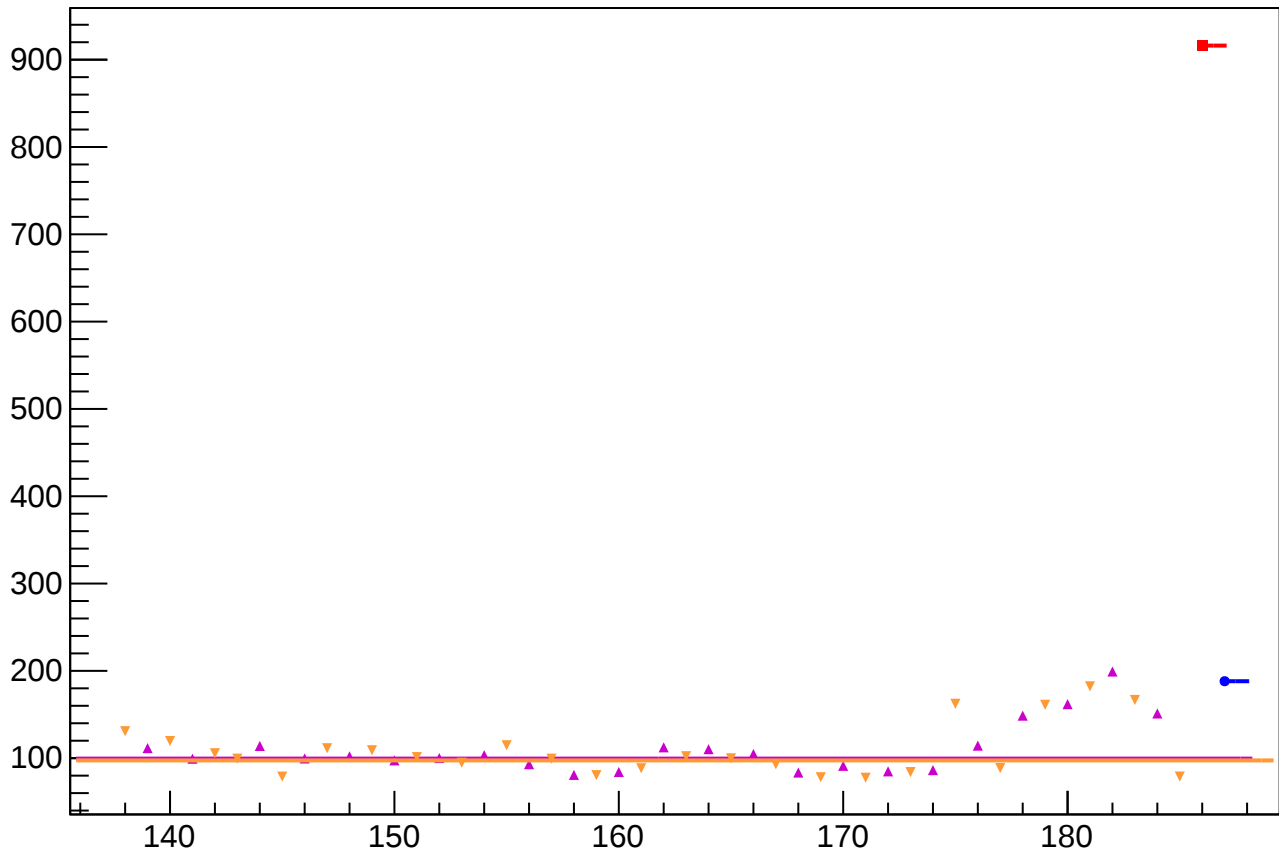
Left In: -56.757 $\pm$ 24.650 χ^2 /NDF:20.9/22

+ sign 58.233 $\pm$ 23.693 χ^2 /NDF: 21.2/25

All: 3.030 $\pm$ 17.081 χ^2 /NDF: 53.4/49

- sign -56.705 $\pm$ 24.646 χ^2 /NDF: 20.9/23

dit_asym_sam_2468_avg_rms vs Slug



Right In: 188.144 $\pm$ 0.349 χ^2 /NDF: 0.0/0

Left Out: 97.443 $\pm$ 0.017 χ^2 /NDF:1678452.8/24

Right Out: 916.134 $\pm$ 1.060 χ^2 /NDF: 0.0/0

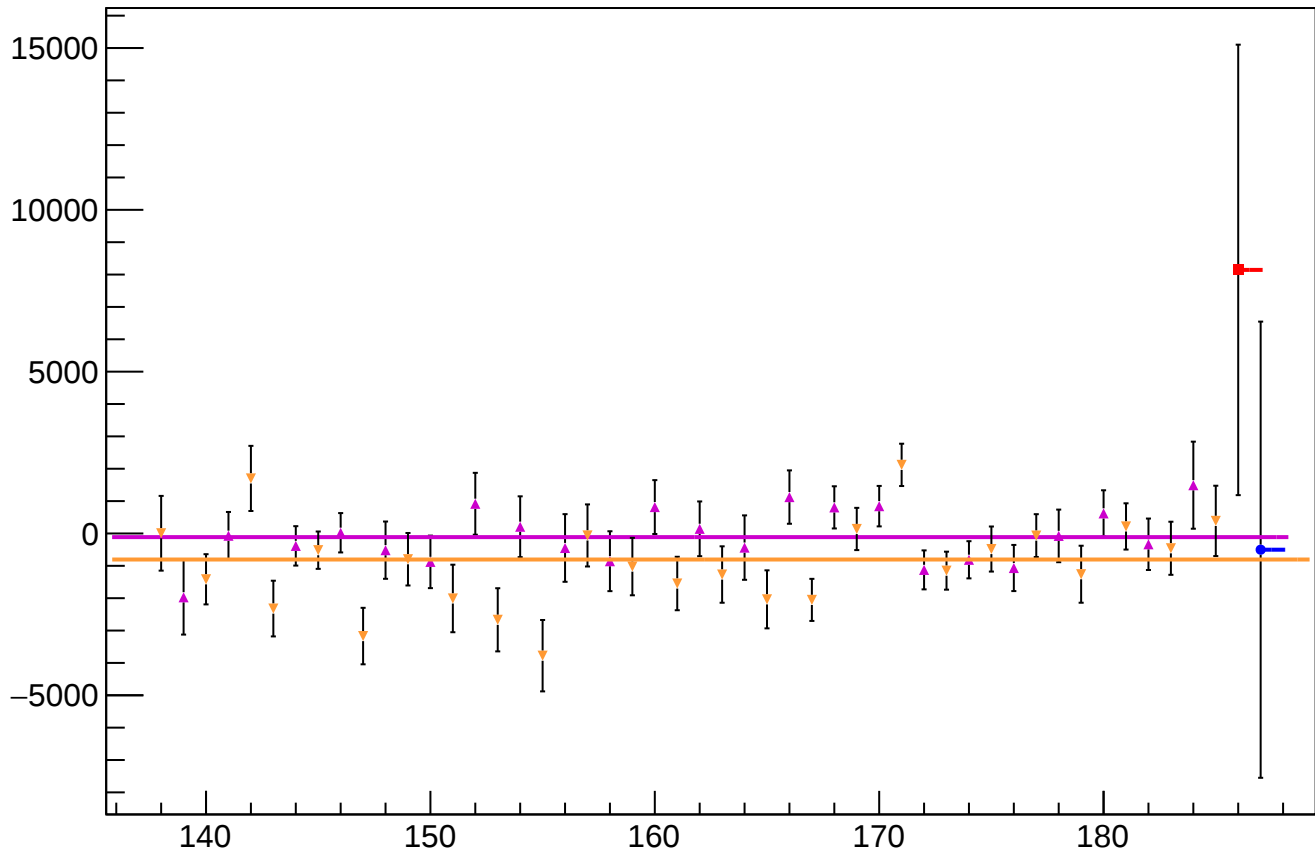
Left In: 99.506 $\pm$ 0.017 χ^2 /NDF:1235754.5/22

+ sign 97.651 $\pm$ 0.017 χ^2 /NDF: 1745710.3/25

All: 98.648 $\pm$ 0.012 χ^2 /NDF: 3582121.2/49

- sign 99.727 $\pm$ 0.017 χ^2 /NDF: 1829035.9/23

asym_sam_2468_avg_correction_mean vs Slug



Right In: -501.776 $\pm$ 7048.018 χ^2 /NDF: 0.0/0

Left Out: -804.852 $\pm$ 158.828 χ^2 /NDF: 65.2/24

Right Out: 8143.788 $\pm$ 6959.727 χ^2 /NDF: 0.0/0

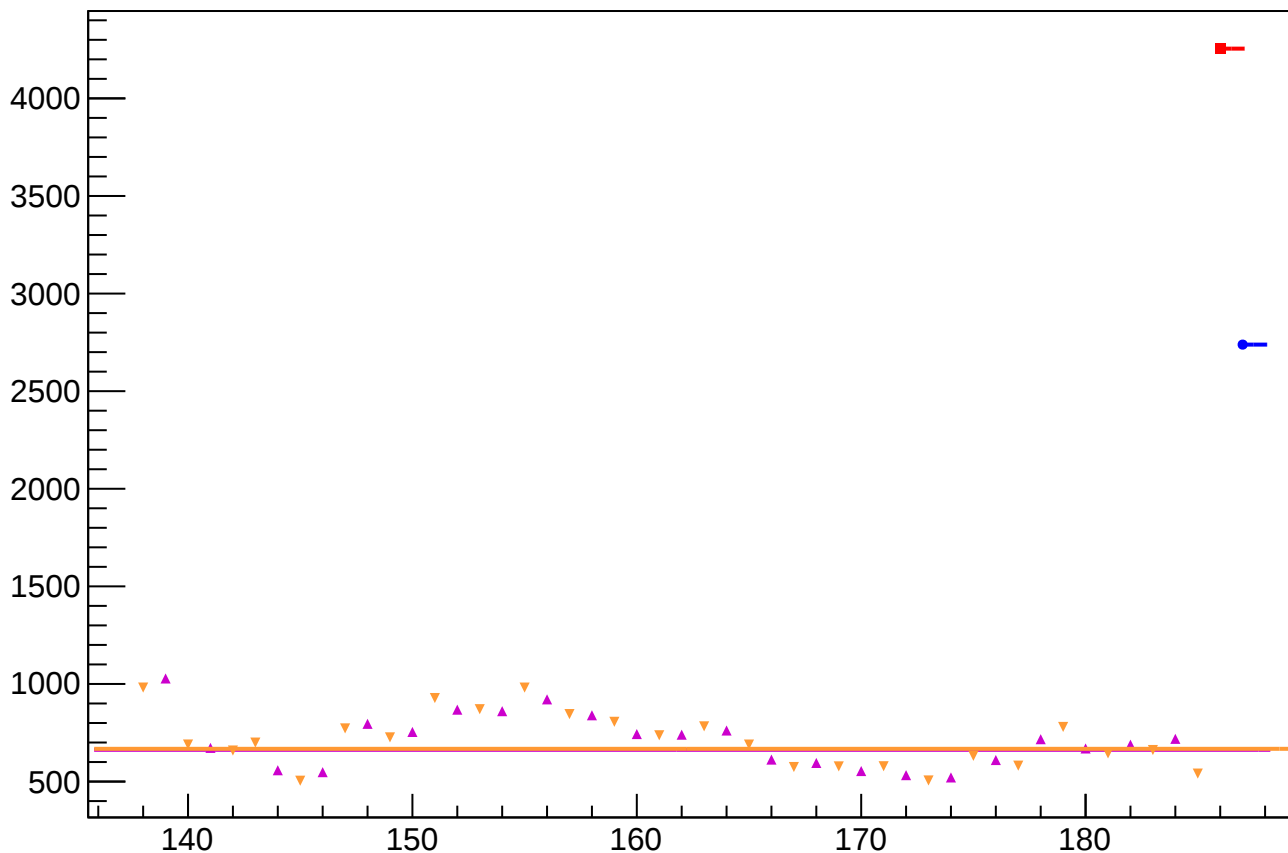
Left In: -112.802 $\pm$ 160.711 χ^2 /NDF: 22.7/22

+ sign -804.698 $\pm$ 158.788 χ^2 /NDF: 65.2/25

All: -460.648 $\pm$ 112.939 χ^2 /NDF: 98.7/49

- sign -108.401 $\pm$ 160.668 χ^2 /NDF: 24.1/23

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2738.558+/-4.984 χ^2 /NDF: 0.0/0

Left Out: 667.726+/-0.112 χ^2 /NDF:1262178.1/24

Right Out: 4254.872+/-4.921 χ^2 /NDF: 0.0/0

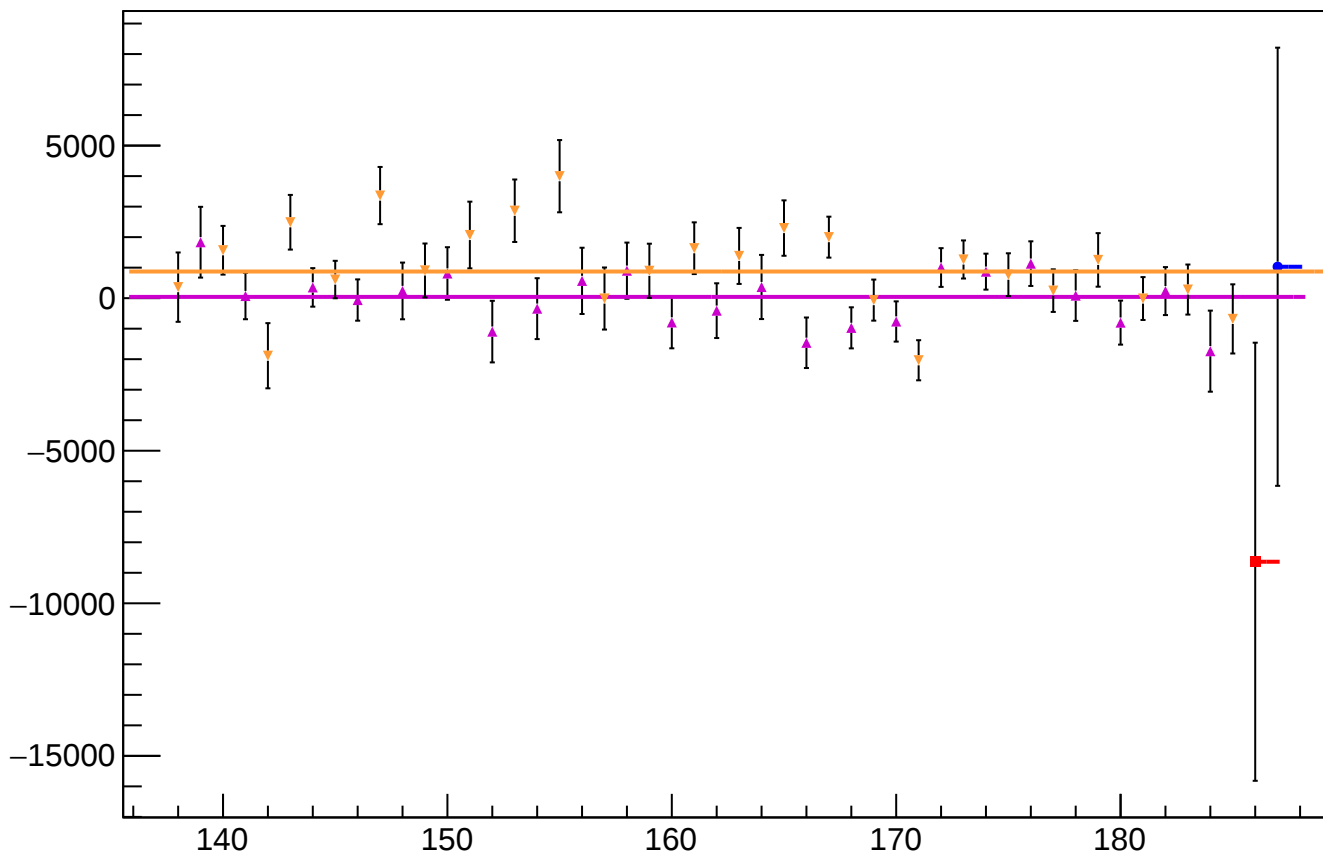
Left In: 662.577+/-0.114 χ^2 /NDF:1163749.4/22

+ sign 668.777+/-0.112 χ^2 /NDF: 1434748.0/25

All: 666.659+/-0.080 χ^2 /NDF: 3131764.6/49

- sign 664.491+/-0.114 χ^2 /NDF: 1696296.6/23

asym_sam_2468_avg_mean vs Slug



Right In: 1029.252 $\pm$ 7179.977 χ^2 /NDF: 0.0/0

Left Out: 873.446 $\pm$ 164.269 χ^2 /NDF:64.1/24

Right Out: -8638.169 $\pm$ 7178.781 χ^2 /NDF: 0.0/0

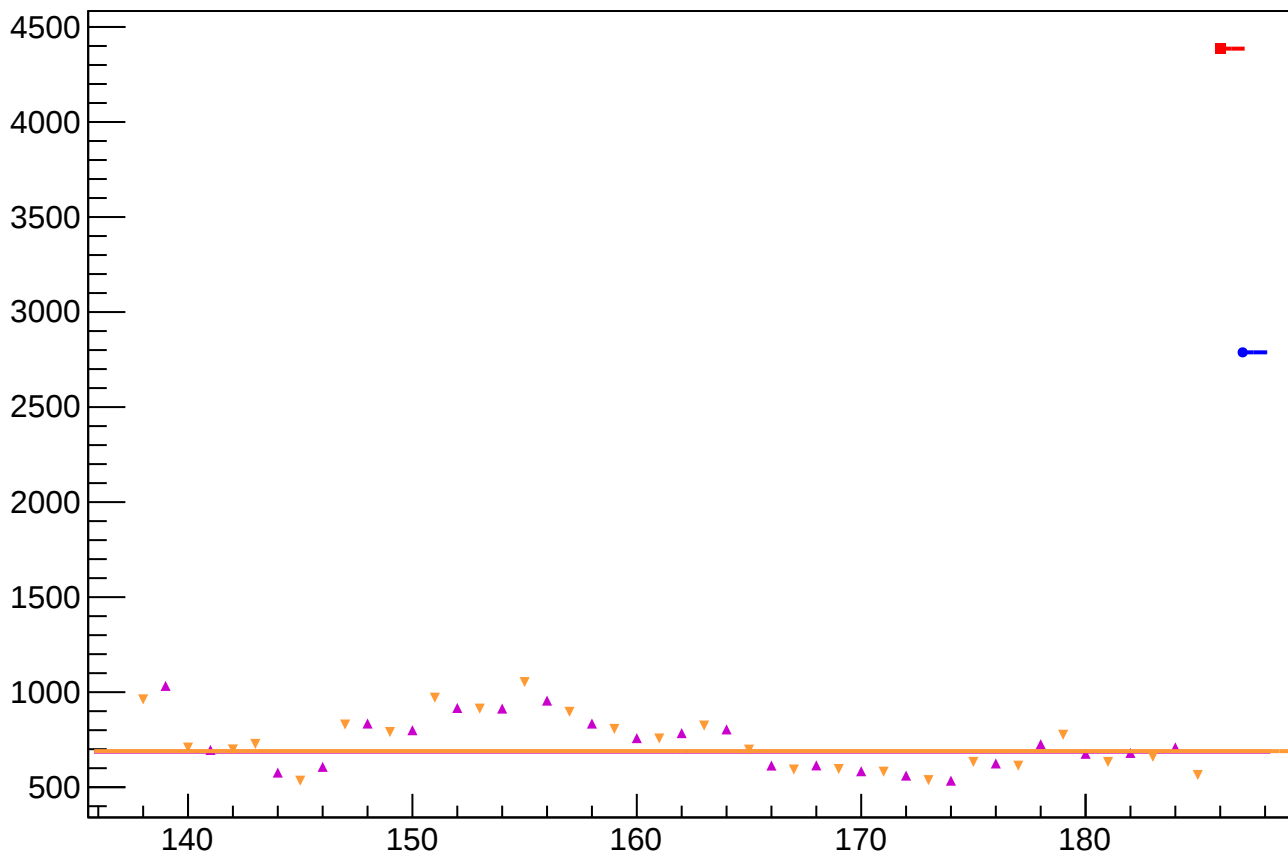
Left In: 41.522 $\pm$ 166.728 χ^2 /NDF:24.1/22

+ sign 873.528 $\pm$ 164.226 χ^2 /NDF: 64.1/25

All: 461.397 $\pm$ 116.984 χ^2 /NDF: 102.5/49

- sign 36.843 $\pm$ 166.683 χ^2 /NDF: 25.6/23

asym_sam_2468_avg_rms vs Slug



Right In: 2788.062 $\pm$ 5.077 χ^2 /NDF: 0.0/0

Left Out: 689.767 $\pm$ 0.116 χ^2 /NDF:1258608.7/24

Right Out: 4386.042 $\pm$ 5.076 χ^2 /NDF: 0.0/0

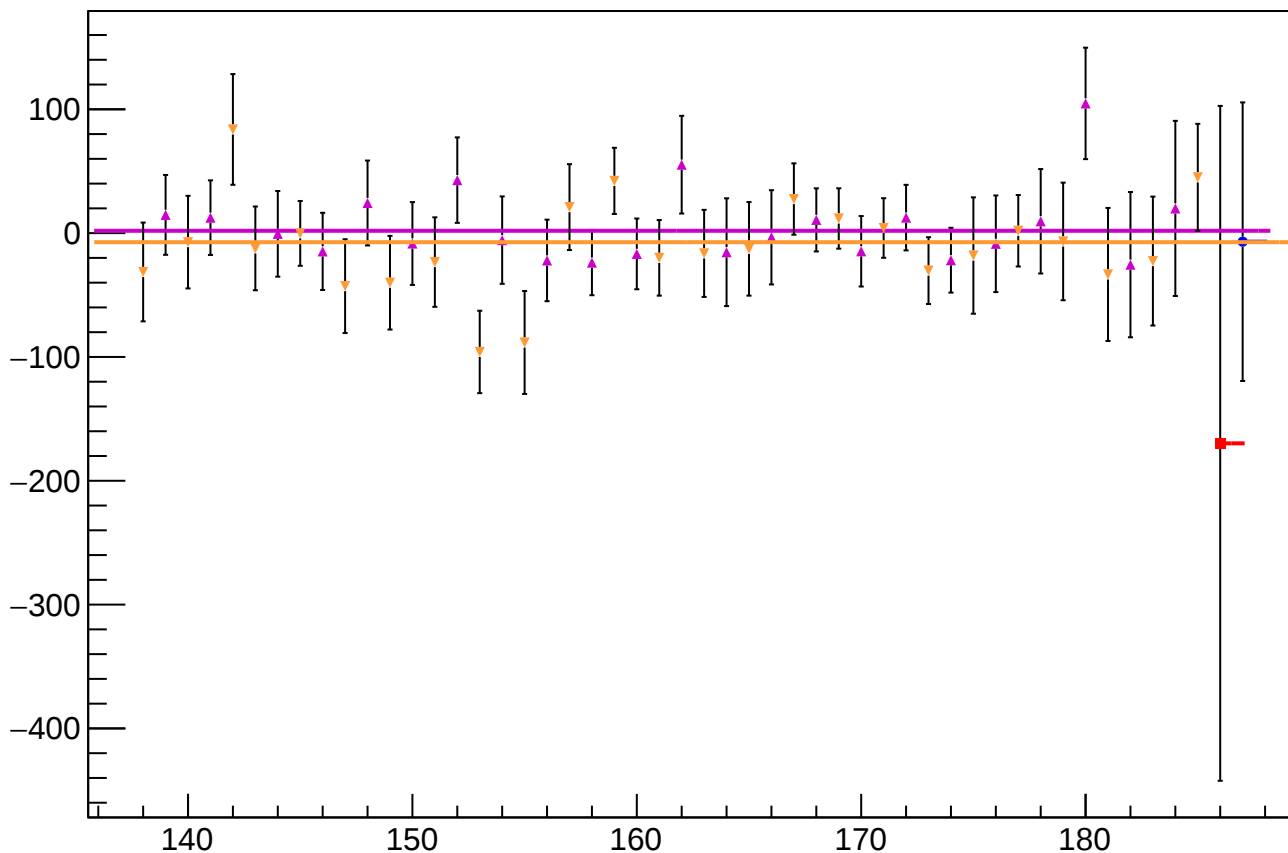
Left In: 686.944 $\pm$ 0.118 χ^2 /NDF:1116042.4/22

+ sign 690.864 $\pm$ 0.116 χ^2 /NDF: 1429330.9/25

All: 689.915 $\pm$ 0.083 χ^2 /NDF: 3076253.9/49

- sign 688.938 $\pm$ 0.118 χ^2 /NDF: 1646787.5/23

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -6.914 ± 112.492 χ^2/NDF : 0.0/0

Left Out: -7.302 ± 6.746 χ^2/NDF : 26.7/24

Right Out: -169.773 ± 272.524 χ^2/NDF : 0.0/0

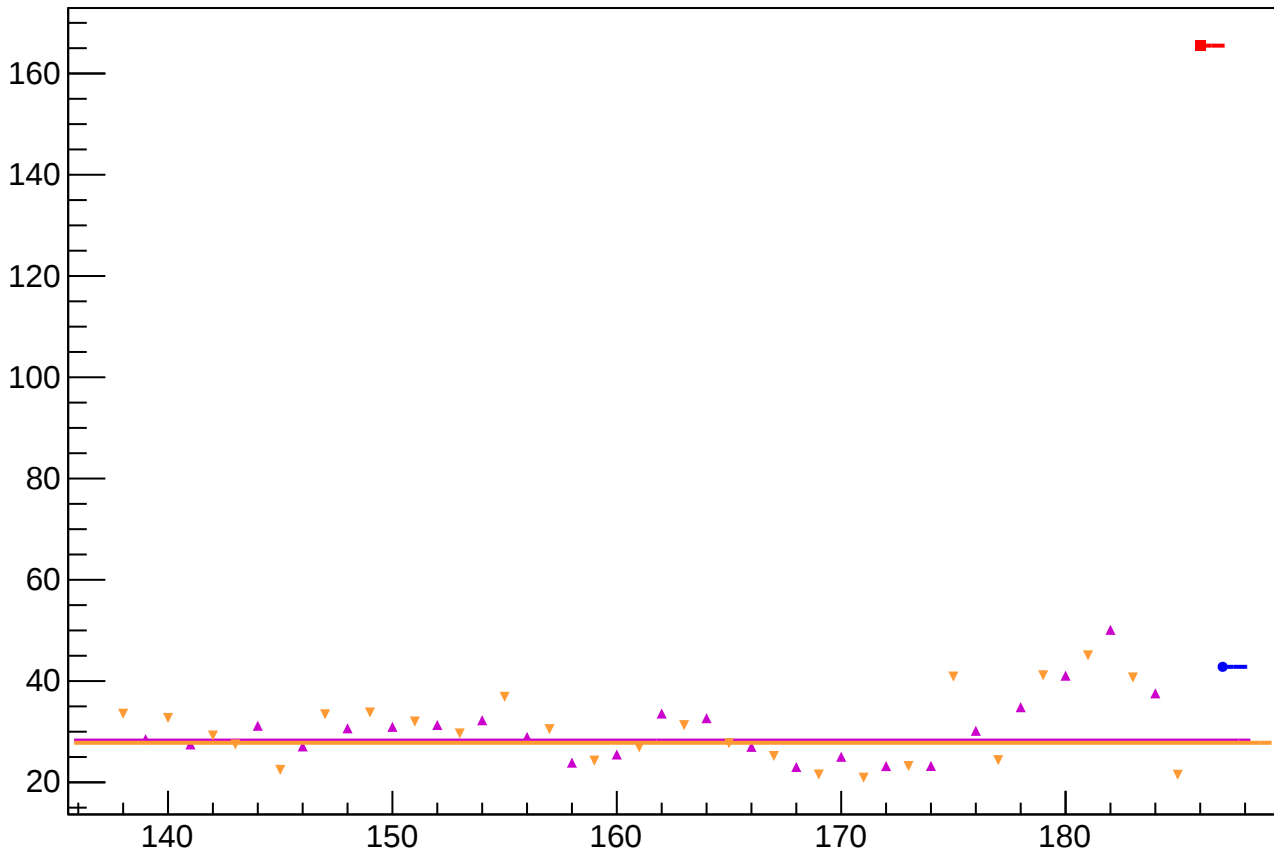
Left In: 1.899 ± 6.962 χ^2/NDF : 13.5/22

+ sign -7.300 ± 6.734 χ^2/NDF : 26.7/25

All: -2.906 ± 4.840 χ^2/NDF : 41.5/49

- sign 1.787 ± 6.960 χ^2/NDF : 13.9/23

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 42.814 $\pm$ 0.080 χ^2 /NDF: 0.0/0

Left Out: 27.814 $\pm$ 0.005 χ^2 /NDF:1536291.1/24

Right Out: 165.500 $\pm$ 0.193 χ^2 /NDF: 0.0/0

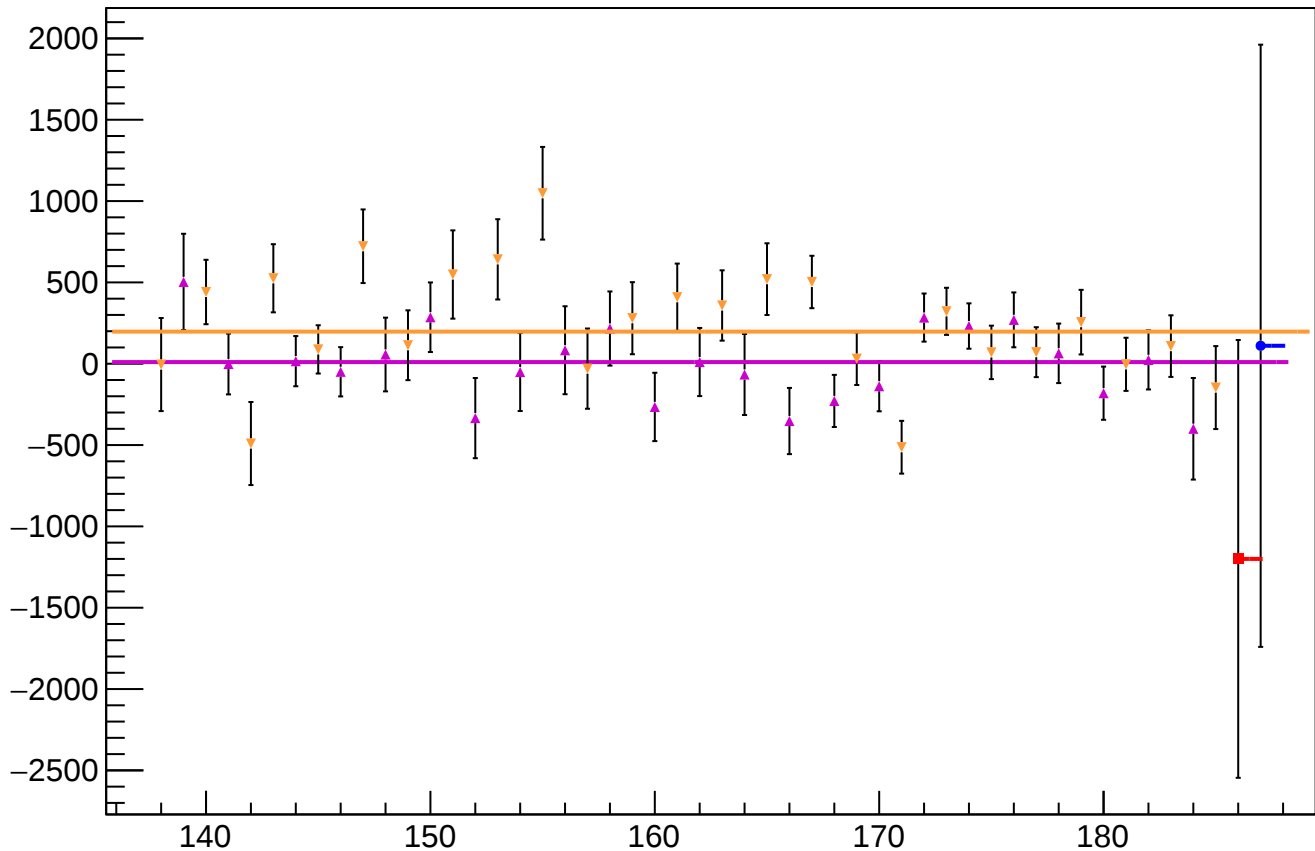
Left In: 28.249 $\pm$ 0.005 χ^2 /NDF:1000650.4/22

+ sign 27.868 $\pm$ 0.005 χ^2 /NDF: 1571724.8/25

All: 28.096 $\pm$ 0.003 χ^2 /NDF: 3084055.5/49

- sign 28.339 $\pm$ 0.005 χ^2 /NDF: 1507599.8/23

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 110.413 $\pm$ 1851.139 χ^2 /NDF: 0.0/0

Left Out: 197.433 $\pm$ 39.070 χ^2 /NDF: 65.9/24

Right Out: -1199.922 $\pm$ 1345.739 χ^2 /NDF: 0.0/0

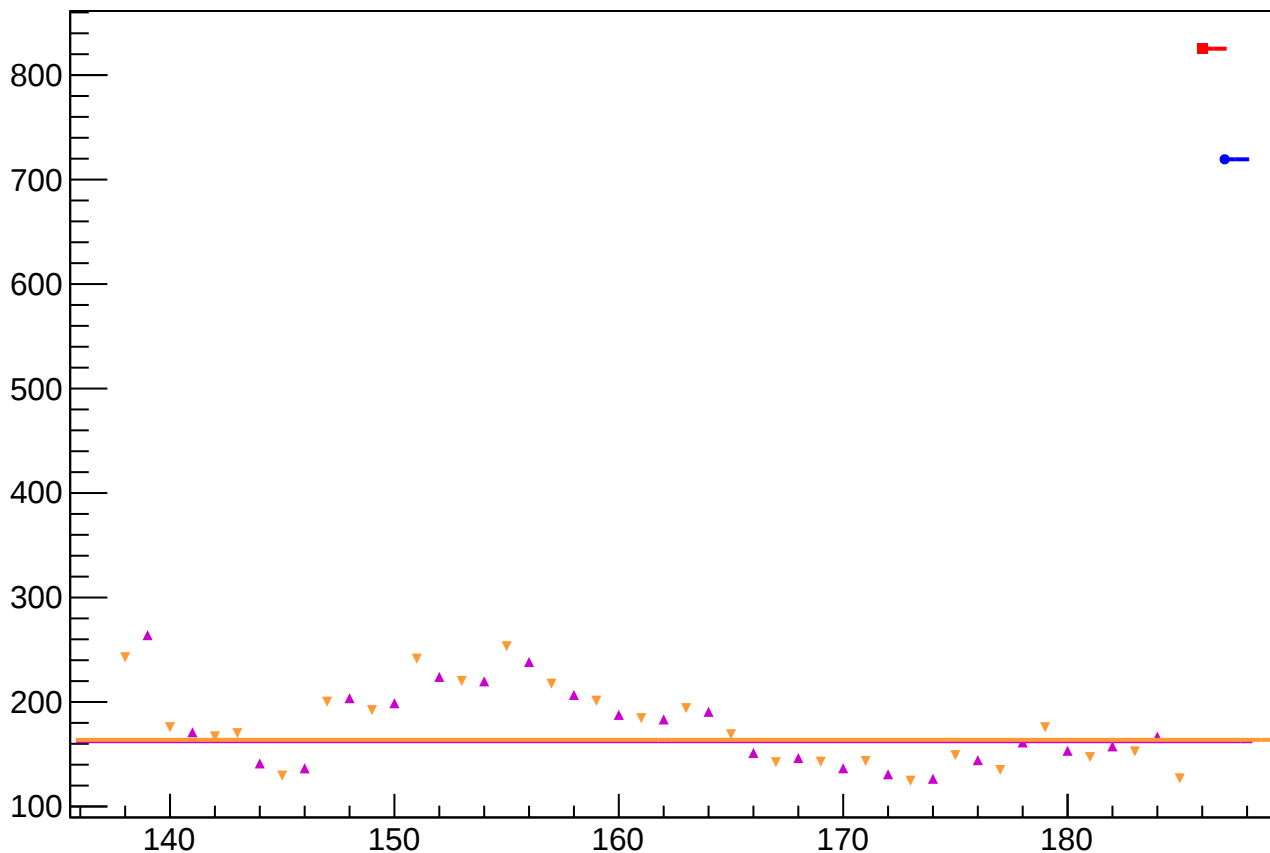
Left In: 10.177 $\pm$ 39.512 χ^2 /NDF: 27.2/22

+ sign 197.395 $\pm$ 39.061 χ^2 /NDF: 65.9/25

All: 104.304 $\pm$ 27.772 χ^2 /NDF: 105.4/49

- sign 9.135 $\pm$ 39.495 χ^2 /NDF: 28.0/23

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 719.395+/-1.309 χ^2/NDF : 0.0/0

Left Out: 163.781+/-0.028 χ^2/NDF : 1443221.9/24

Right Out: 825.297+/-0.952 χ^2/NDF : 0.0/0

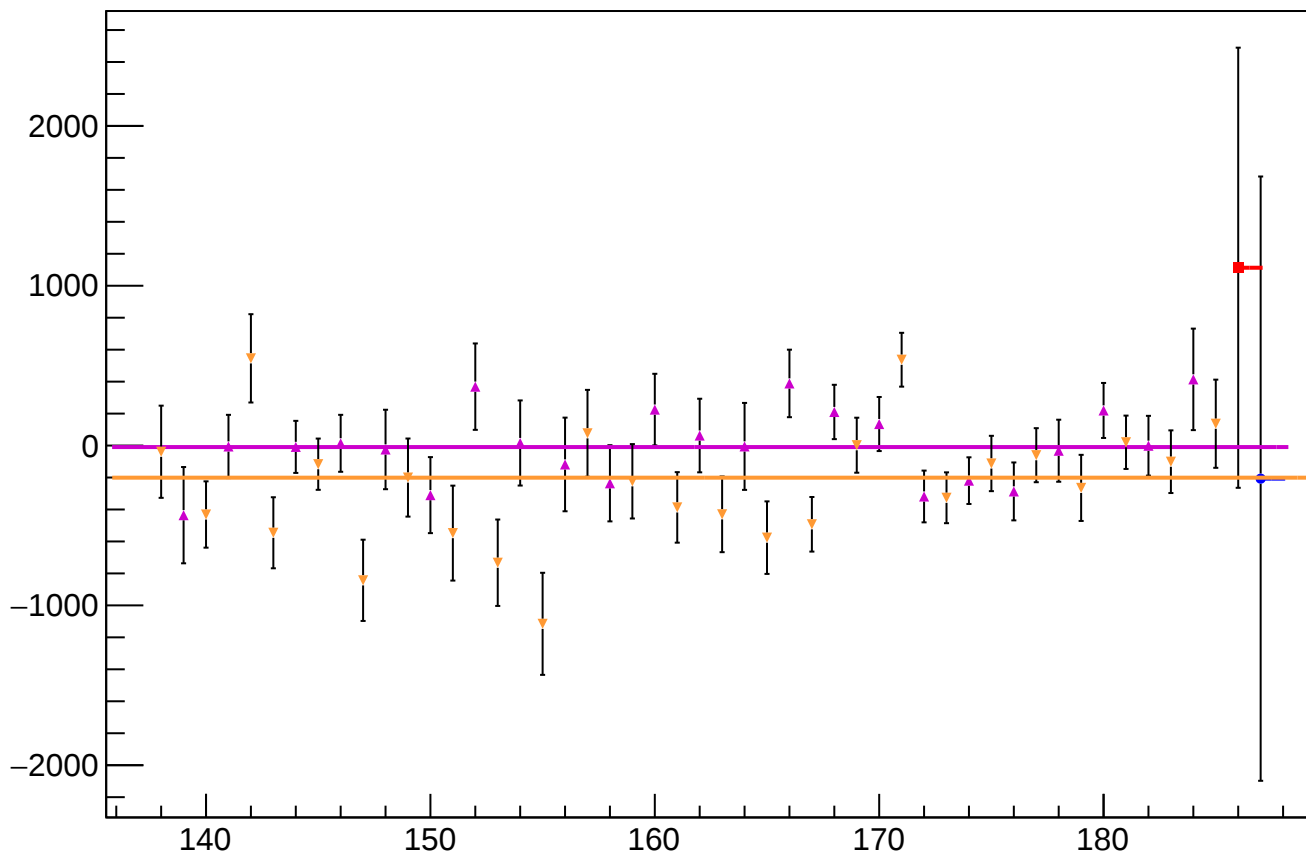
Left In: 162.447+/-0.028 χ^2/NDF : 1344185.5/22

+ sign 164.028+/-0.028 χ^2/NDF : 1623318.5/25

All: 163.529+/-0.020 χ^2/NDF : 3452968.3/49

- sign 163.018+/-0.028 χ^2/NDF : 1828988.2/23

asym_sam_1357_2468_dd_mean vs Slug



Right In: -207.026+/-1890.566 χ^2/NDF : 0.0/0

Left Out: -200.930+/-41.741 χ^2/NDF : 65.5/24

Right Out: 1112.654+/-1376.970 χ^2/NDF : 0.0/0

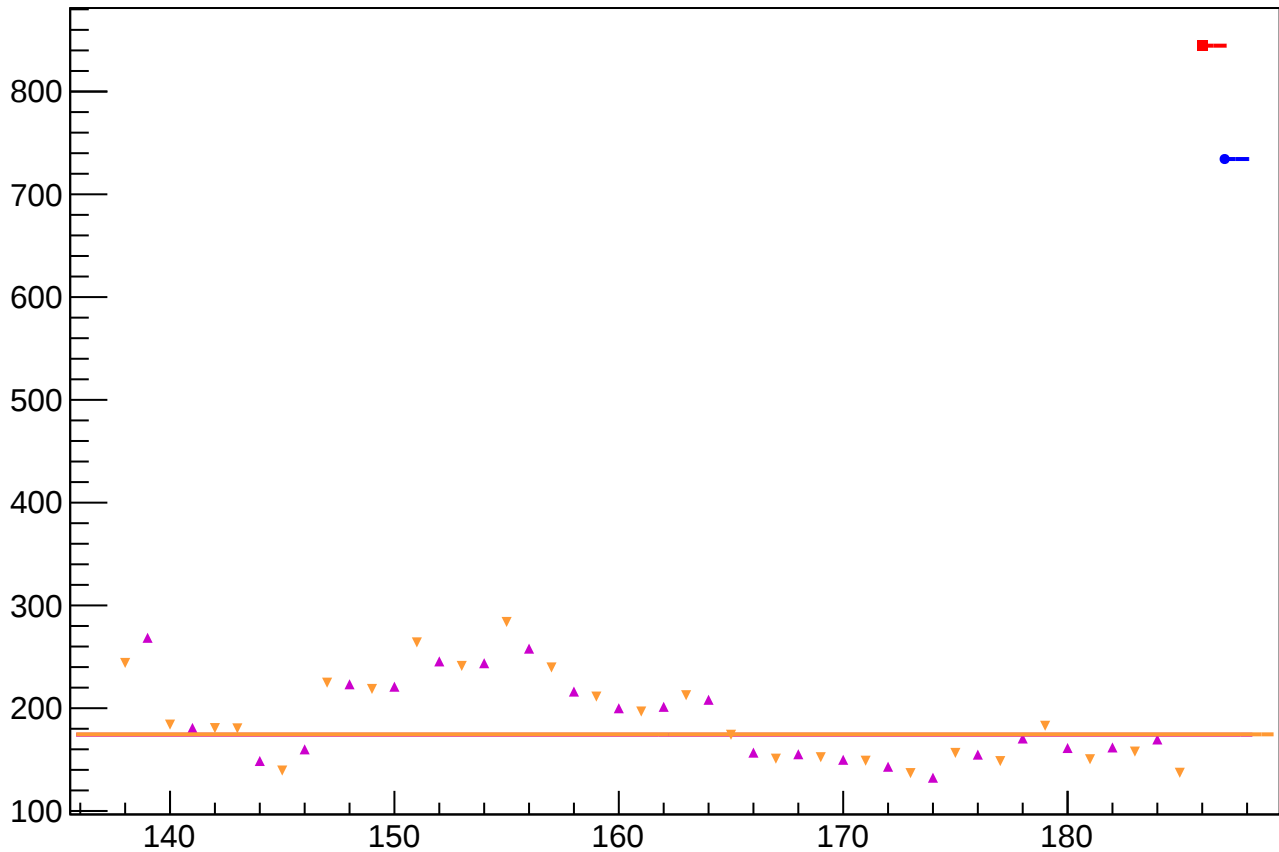
Left In: -9.384+/-42.437 χ^2/NDF : 25.4/22

+ sign -200.933+/-41.731 χ^2/NDF : 65.5/25

All: -106.195+/-29.748 χ^2/NDF : 102.0/49

- sign -8.319+/-42.417 χ^2/NDF : 26.1/23

asym_sam_1357_2468_dd_rms vs Slug



Right In: 734.330+/-1.337 χ^2/NDF : 0.0/0

Left Out: 174.567+/-0.030 χ^2/NDF :1532900.3/24

Right Out: 844.622+/-0.974 χ^2/NDF : 0.0/0

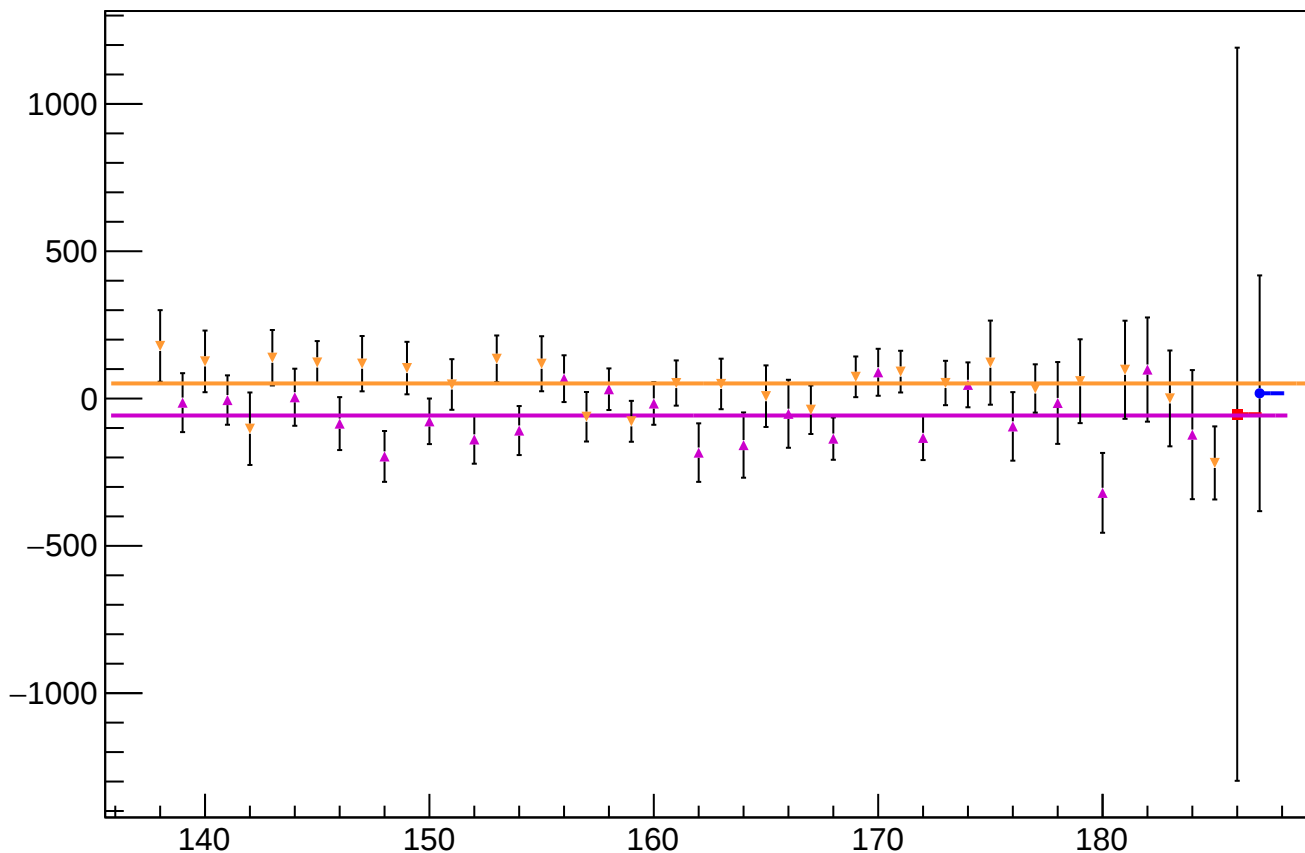
Left In: 174.217+/-0.030 χ^2/NDF :1364600.9/22

+ sign 174.839+/-0.030 χ^2/NDF : 1708144.5/25

All: 174.846+/-0.021 χ^2/NDF : 3546380.3/49

- sign 174.853+/-0.030 χ^2/NDF : 1838235.8/23

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 17.879+/-400.109 χ^2/NDF : 0.0/0

Left Out: 51.287+/-18.131 χ^2/NDF : 19.7/24

Right Out: -53.232+/-1244.235 χ^2/NDF : 0.0/0

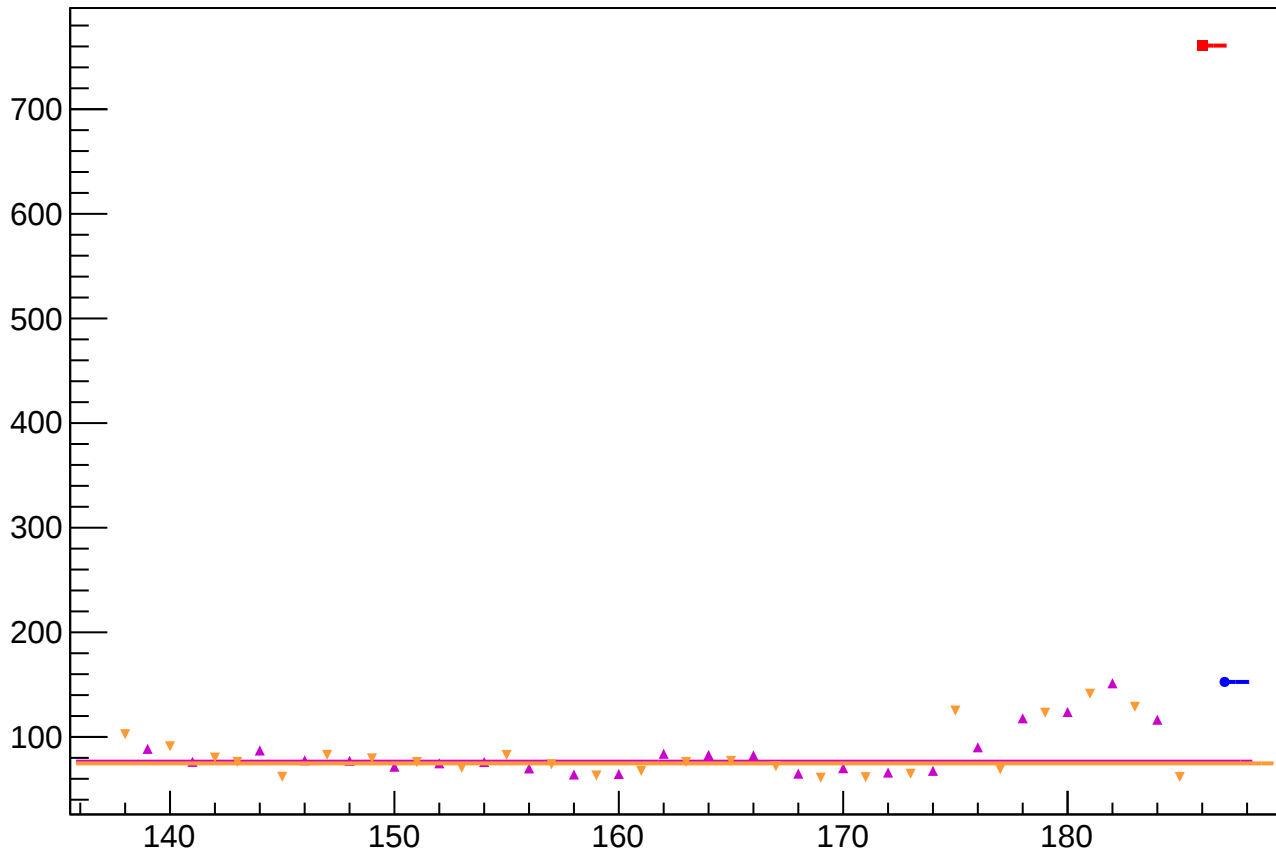
Left In: -57.530+/-18.875 χ^2/NDF : 24.2/22

+ sign 51.219+/-18.112 χ^2/NDF : 19.7/25

All: -0.920+/-13.068 χ^2/NDF : 61.2/49

- sign -57.529+/-18.873 χ^2/NDF : 24.2/23

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 152.589 $\pm$ 0.283 χ^2 /NDF: 0.0/0

Left Out: 74.721 $\pm$ 0.013 χ^2 /NDF:1575194.4/24

Right Out: 760.821 $\pm$ 0.880 χ^2 /NDF: 0.0/0

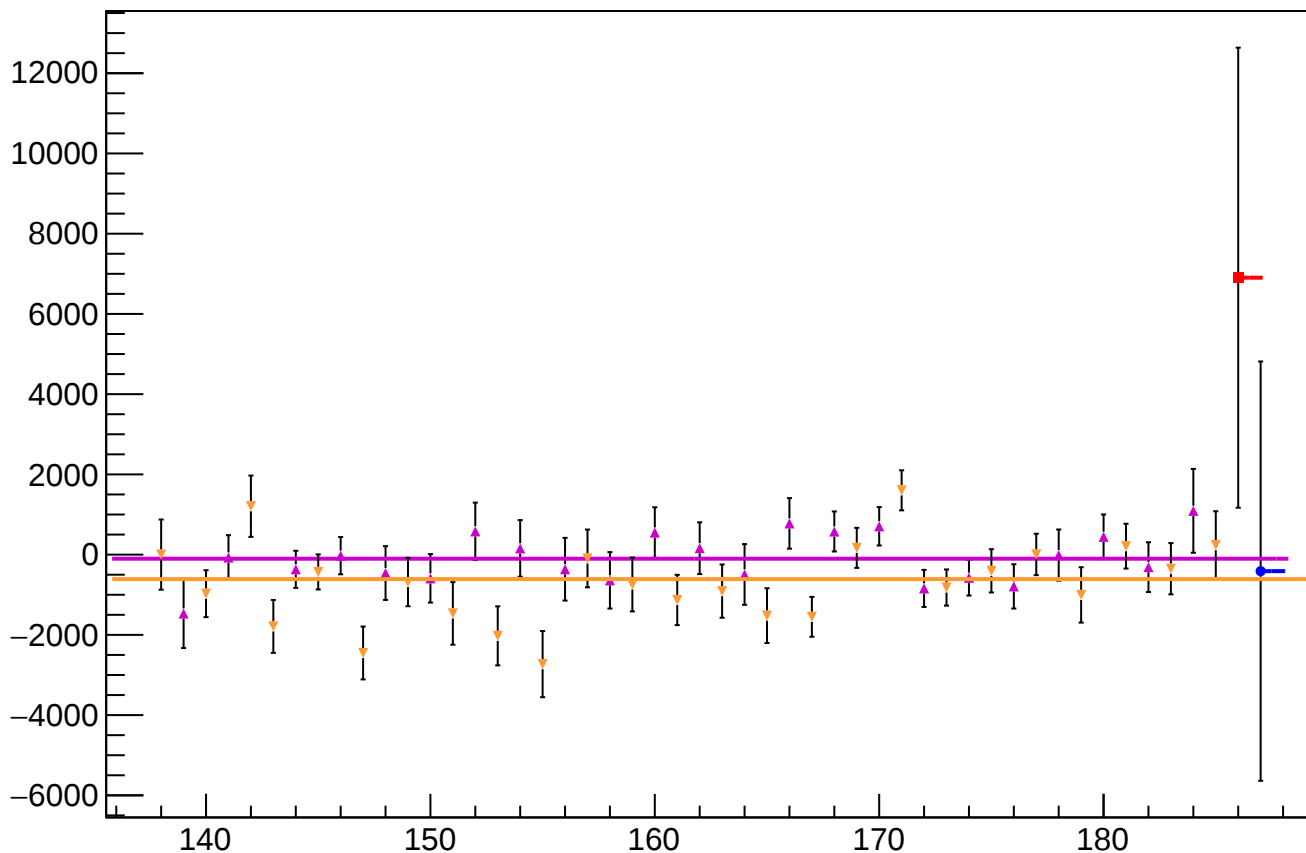
Left In: 76.366 $\pm$ 0.013 χ^2 /NDF:1218796.6/22

+ sign 74.880 $\pm$ 0.013 χ^2 /NDF: 1650790.7/25

All: 75.668 $\pm$ 0.009 χ^2 /NDF: 3482564.5/49

- sign 76.524 $\pm$ 0.013 χ^2 /NDF: 1823878.3/23

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -411.132 $\pm$ 5226.215 χ^2 /NDF: 0.0/0

Left Out: -609.040 $\pm$ 121.297 χ^2 /NDF:63.6/24

Right Out: 6903.328 $\pm$ 5733.464 χ^2 /NDF: 0.0/0

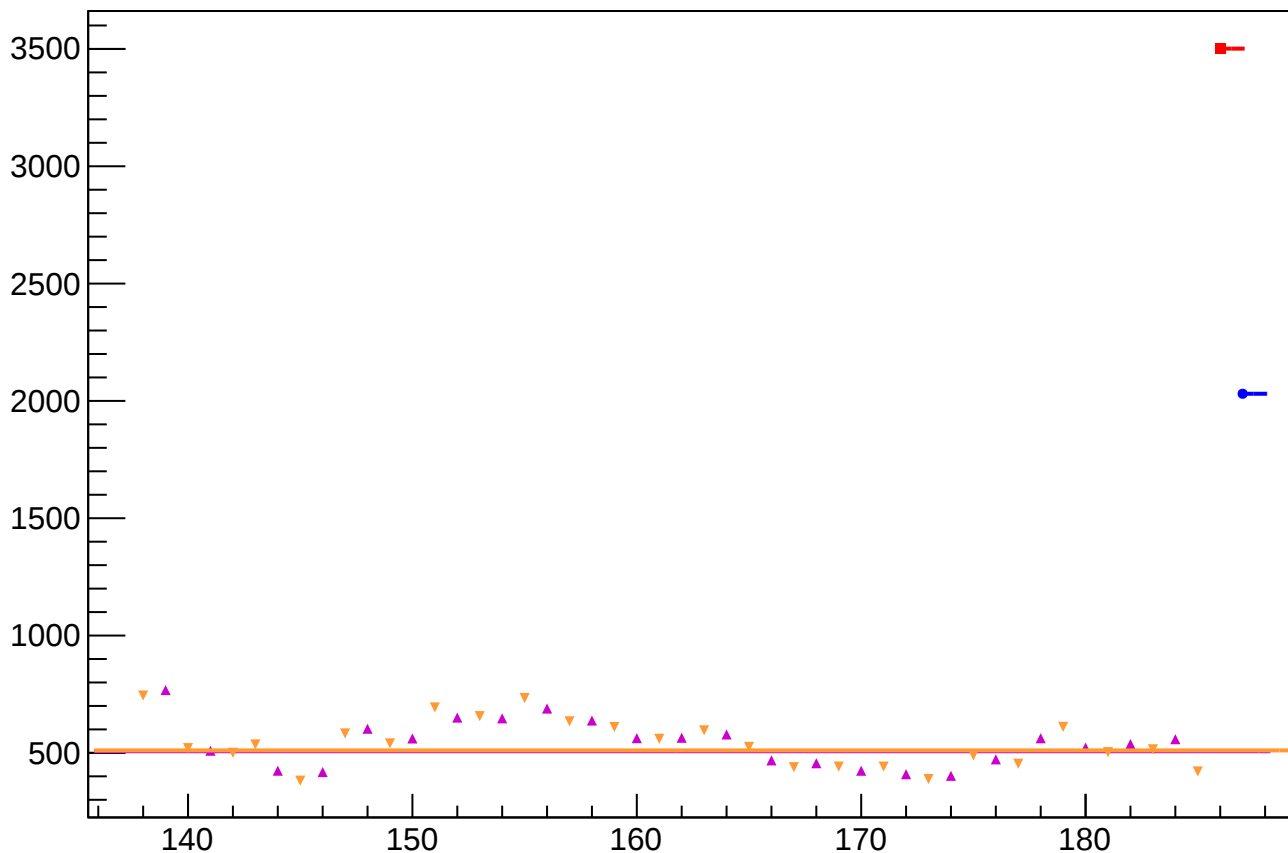
Left In: -101.332 $\pm$ 122.813 χ^2 /NDF:21.4/22

+ sign -608.933 $\pm$ 121.265 χ^2 /NDF: 63.6/25

All: -356.708 $\pm$ 86.280 χ^2 /NDF: 95.2/49

- sign -98.120 $\pm$ 122.785 χ^2 /NDF: 22.9/23

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 2030.462 $\pm$ 3.695 χ^2 /NDF: 0.0/0

Left Out: 510.503 $\pm$ 0.086 χ^2 /NDF:1193161.7/24

Right Out: 3501.385 $\pm$ 4.054 χ^2 /NDF: 0.0/0

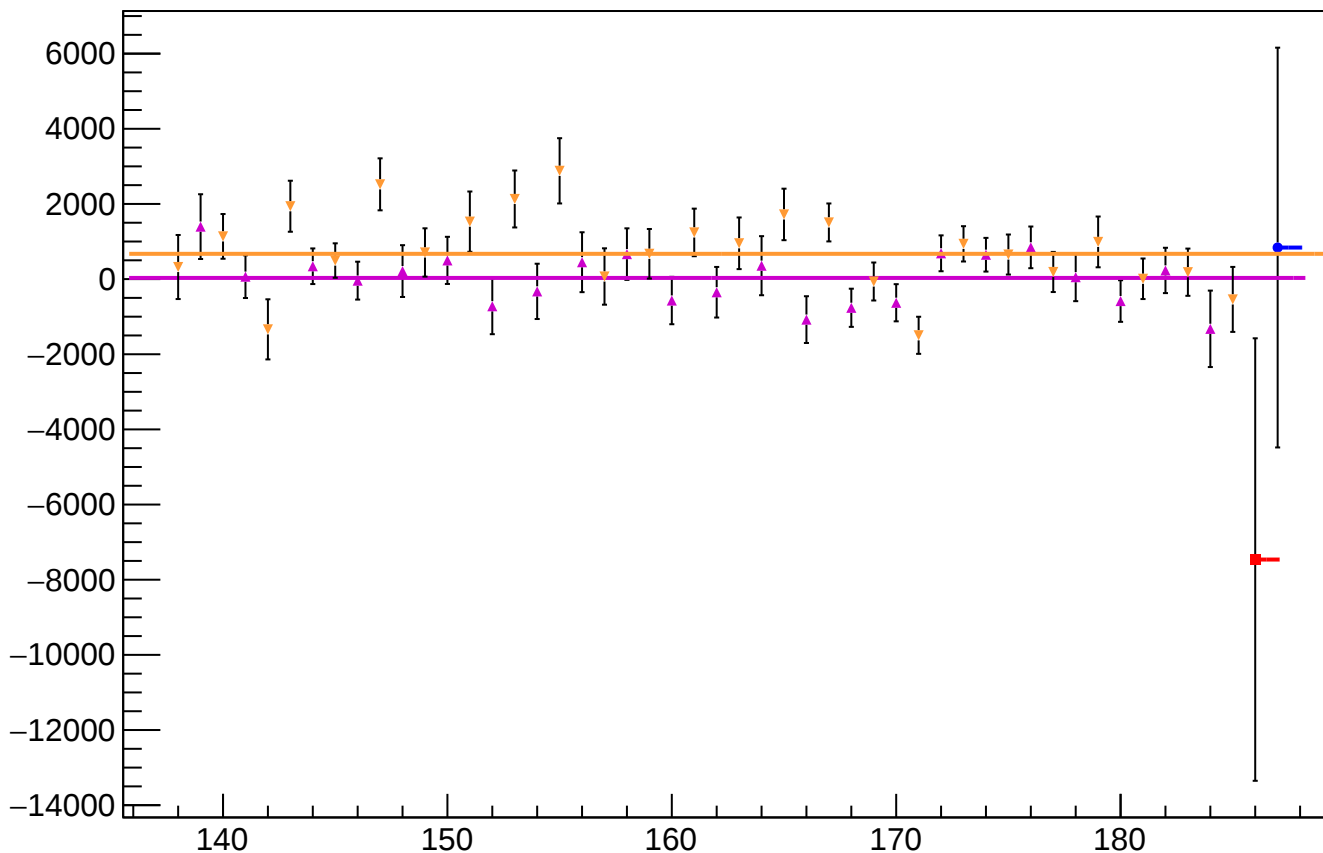
Left In: 506.907 $\pm$ 0.087 χ^2 /NDF:1088118.5/22

+ sign 511.321 $\pm$ 0.086 χ^2 /NDF: 1362239.1/25

All: 509.820 $\pm$ 0.061 χ^2 /NDF: 2996283.1/49

- sign 508.280 $\pm$ 0.087 χ^2 /NDF: 1633422.8/23

asym_sam_12345678_avg_mean vs Slug



Right In: 839.132 $\pm$ 5319.599 χ^2 /NDF: 0.0/0

Left Out: 672.498 $\pm$ 123.428 χ^2 /NDF:62.8/24

Right Out: -7463.380 $\pm$ 5887.982 χ^2 /NDF: 0.0/0

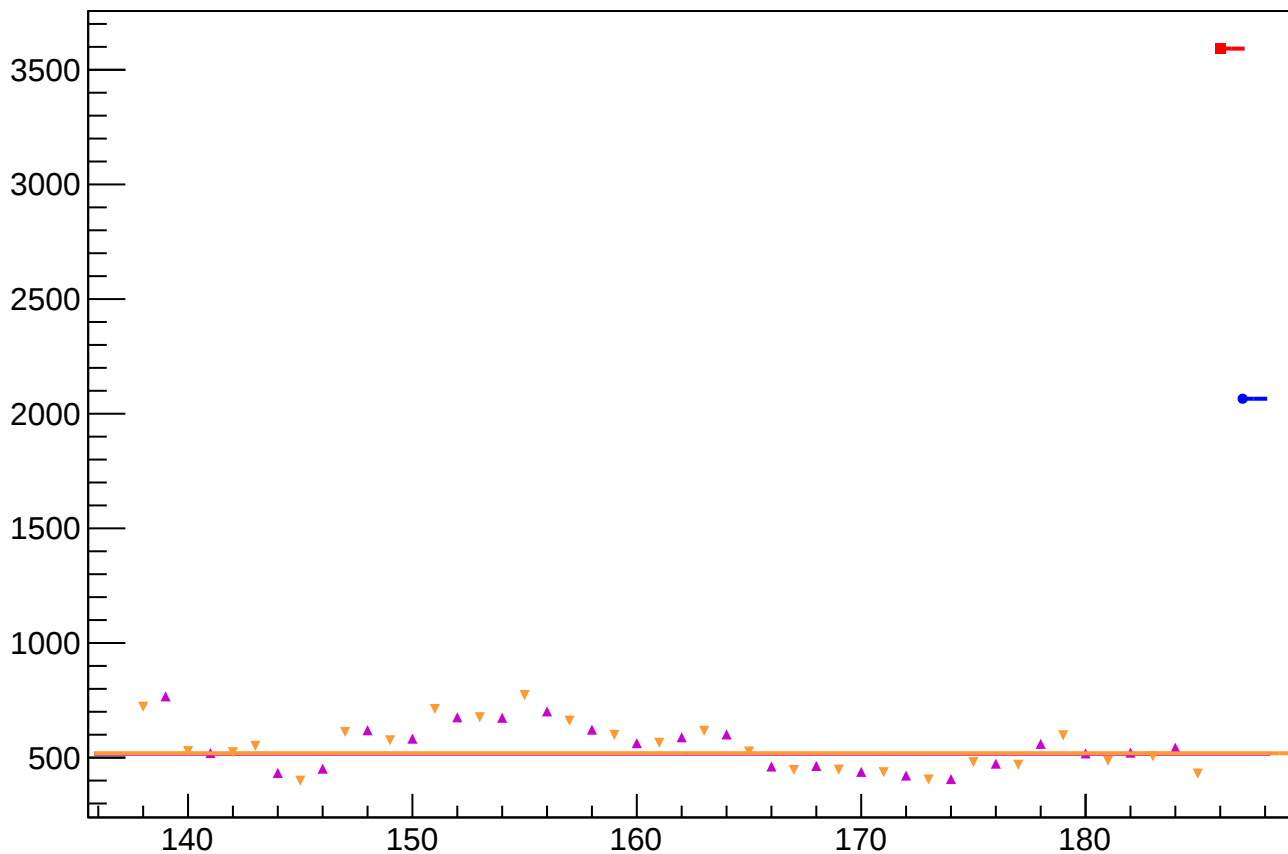
Left In: 31.056 $\pm$ 125.236 χ^2 /NDF:23.8/22

+ sign 672.588 $\pm$ 123.395 χ^2 /NDF: 62.8/25

All: 354.831 $\pm$ 87.887 χ^2 /NDF: 101.7/49

- sign 27.667 $\pm$ 125.208 χ^2 /NDF: 25.5/23

asym_sam_12345678_avg_rms vs Slug



Right In: 2065.356 $\pm$ 3.762 χ^2 /NDF: 0.0/0

Left Out: 518.935 $\pm$ 0.087 χ^2 /NDF: 1172613.9/24

Right Out: 3592.334 $\pm$ 4.163 χ^2 /NDF: 0.0/0

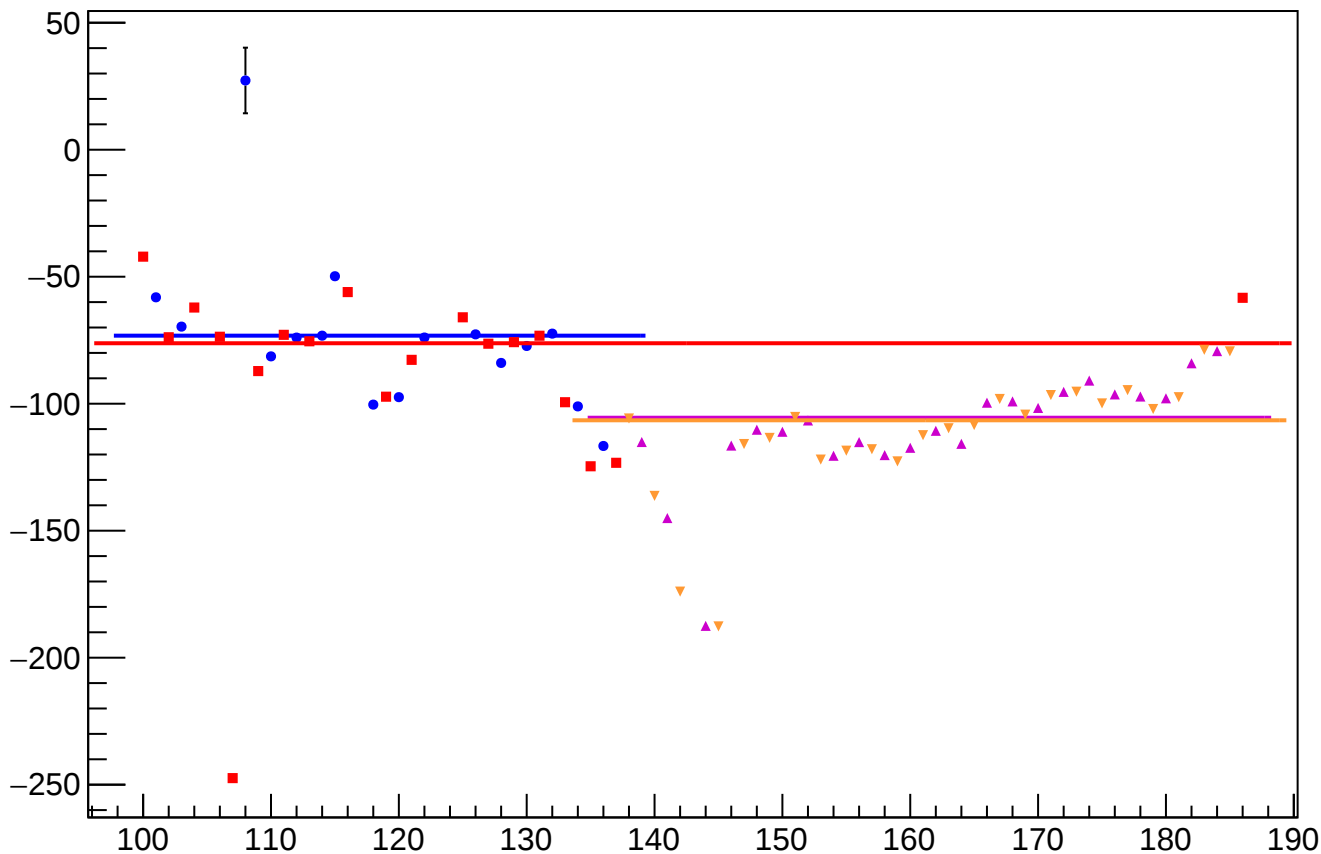
Left In: 516.594 $\pm$ 0.089 χ^2 /NDF: 1036092.8/22

+ sign 519.767 $\pm$ 0.087 χ^2 /NDF: 1341538.9/25

All: 518.889 $\pm$ 0.062 χ^2 /NDF: 2923343.7/49

- sign 517.985 $\pm$ 0.089 χ^2 /NDF: 1581599.3/23

dit_usl_4aX_slope vs Slug



Right In: -73.209 ± 0.000 χ^2/NDF : 127655.5/15

Left Out: -106.530 ± 0.050 χ^2/NDF : 86114.7/23

Right Out: -76.195 ± 0.087 χ^2/NDF : 57656.4/18

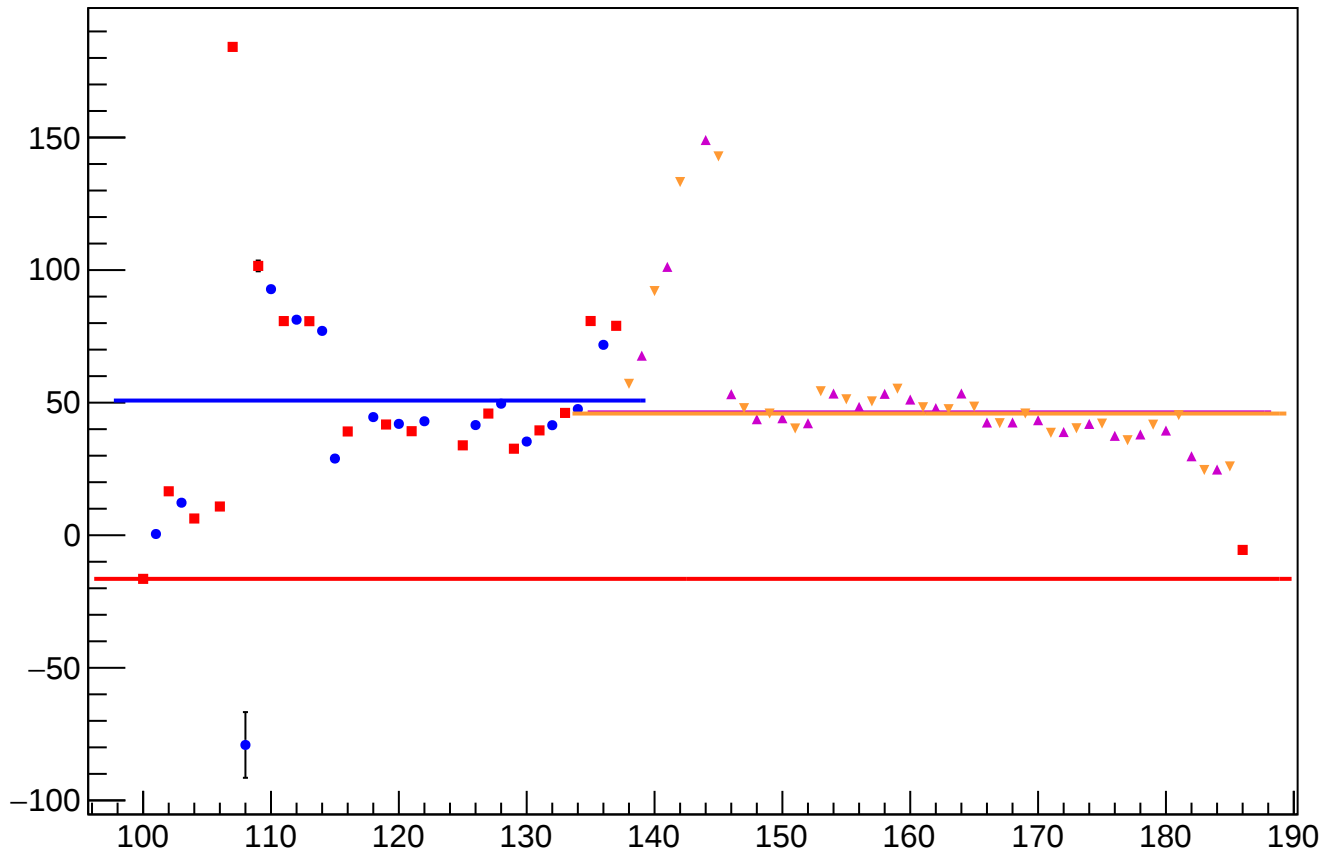
Left In: -105.520 ± 0.046 χ^2/NDF : 128731.9/22

+ sign -73.209 ± 0.000 χ^2/NDF : 662967.2/39

All: -73.209 ± 0.000 χ^2/NDF : 1351471.7/81

- sign -99.225 ± 0.040 χ^2/NDF : 274962.6/41

dit_usl_4eX_slope vs Slug



Right In: 50.796+/-0.074 χ^2/NDF : 89943.6/15

Left Out: 45.893+/-0.042 χ^2/NDF : 80415.6/23

Right Out: -16.452+/-0.000 χ^2/NDF : 464333.9/18

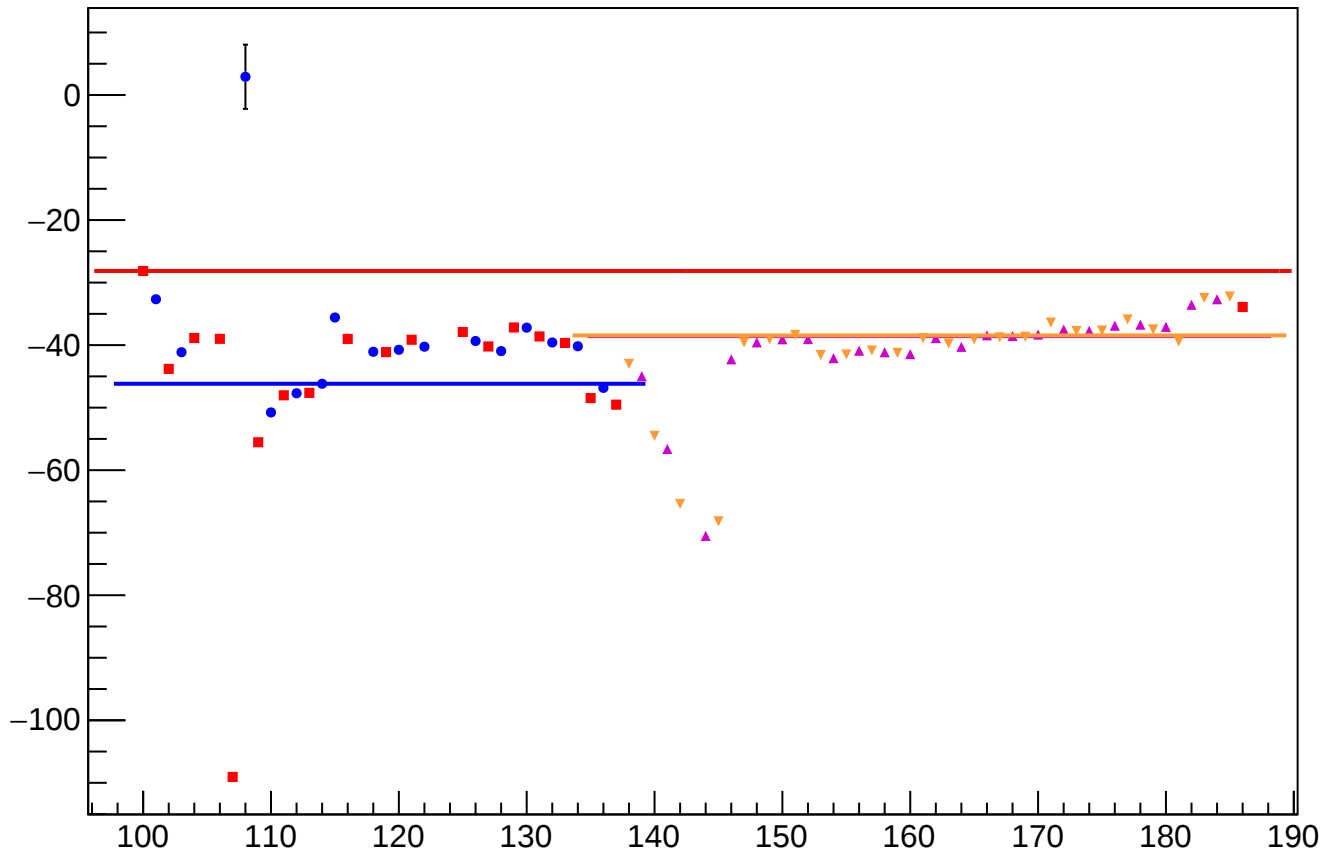
Left In: 46.346+/-0.040 χ^2/NDF : 165523.0/22

+ sign 47.071+/-0.036 χ^2/NDF : 173674.3/39

All: -16.452+/-0.000 χ^2/NDF : 6355698.2/81

- sign -16.452+/-0.000 χ^2/NDF : 3133624.0/41

dit_usl_11X12X_slope vs Slug



Right In: -46.180+/-0.000 χ^2/NDF : 472878.7/15

Left Out: -38.448+/-0.006 χ^2/NDF : 406675.3/23

Right Out: -28.144+/-0.000 χ^2/NDF : 730158.1/18

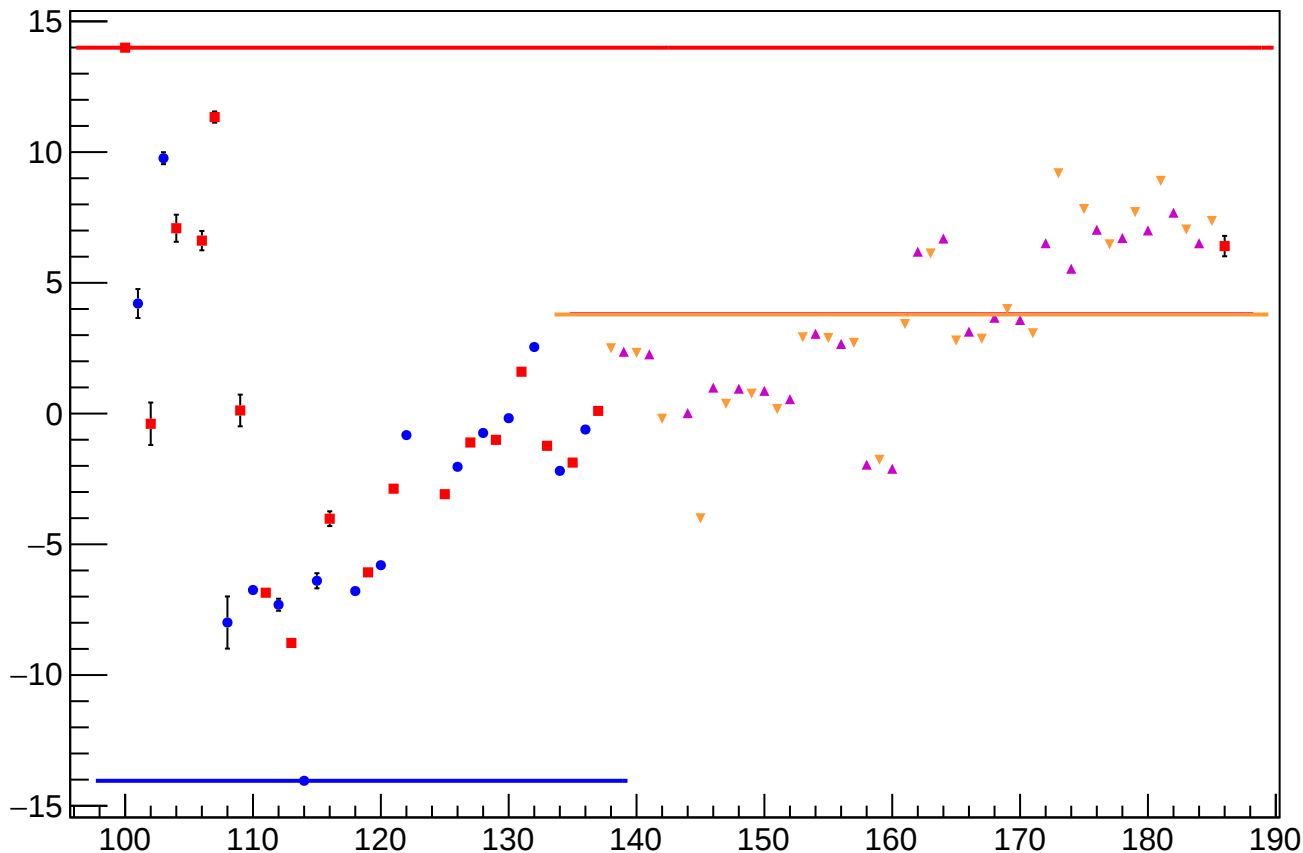
Left In: -38.560+/-0.007 χ^2/NDF : 334709.2/22

+ sign -46.180+/-0.000 χ^2/NDF : 2716745.3/39

All: -33.813+/-0.000 χ^2/NDF : 539977182263

- sign -28.144+/-0.000 χ^2/NDF : 3596271.1/41

dit_usl_4aY_slope vs Slug



Right In: -14.044 ± 0.000 χ^2/NDF : 759846.3/15

Left Out: 3.790 ± 0.007 χ^2/NDF : 202429.5/23

Right Out: 13.994 ± 0.000 χ^2/NDF : 390271.5/18

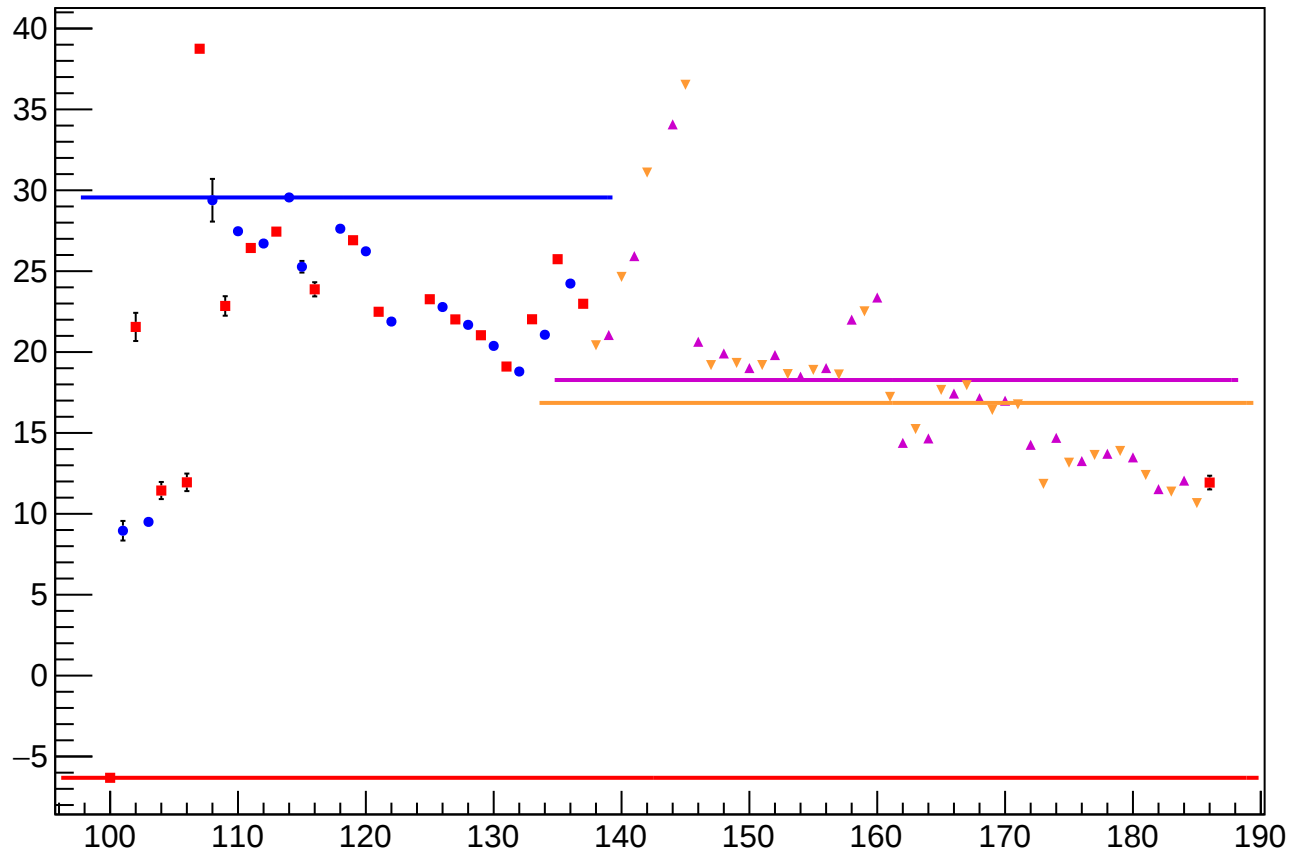
Left In: 3.809 ± 0.006 χ^2/NDF : 229467.1/22

+ sign -14.044 ± 0.000 χ^2/NDF : 7544592.1/39

All: 5.182 ± 0.000 χ^2/NDF : 46979633245184

- sign 13.994 ± 0.000 χ^2/NDF : 3652821.1/41

dit_usl_4eY_slope vs Slug



Right In: 29.557 $\pm$ 0.000 χ^2 /NDF: 88755.1/15

Left Out: 16.857 $\pm$ 0.007 χ^2 /NDF: 184038.5/23

Right Out: -6.317 $\pm$ 0.000 χ^2 /NDF: 1632349.1/18

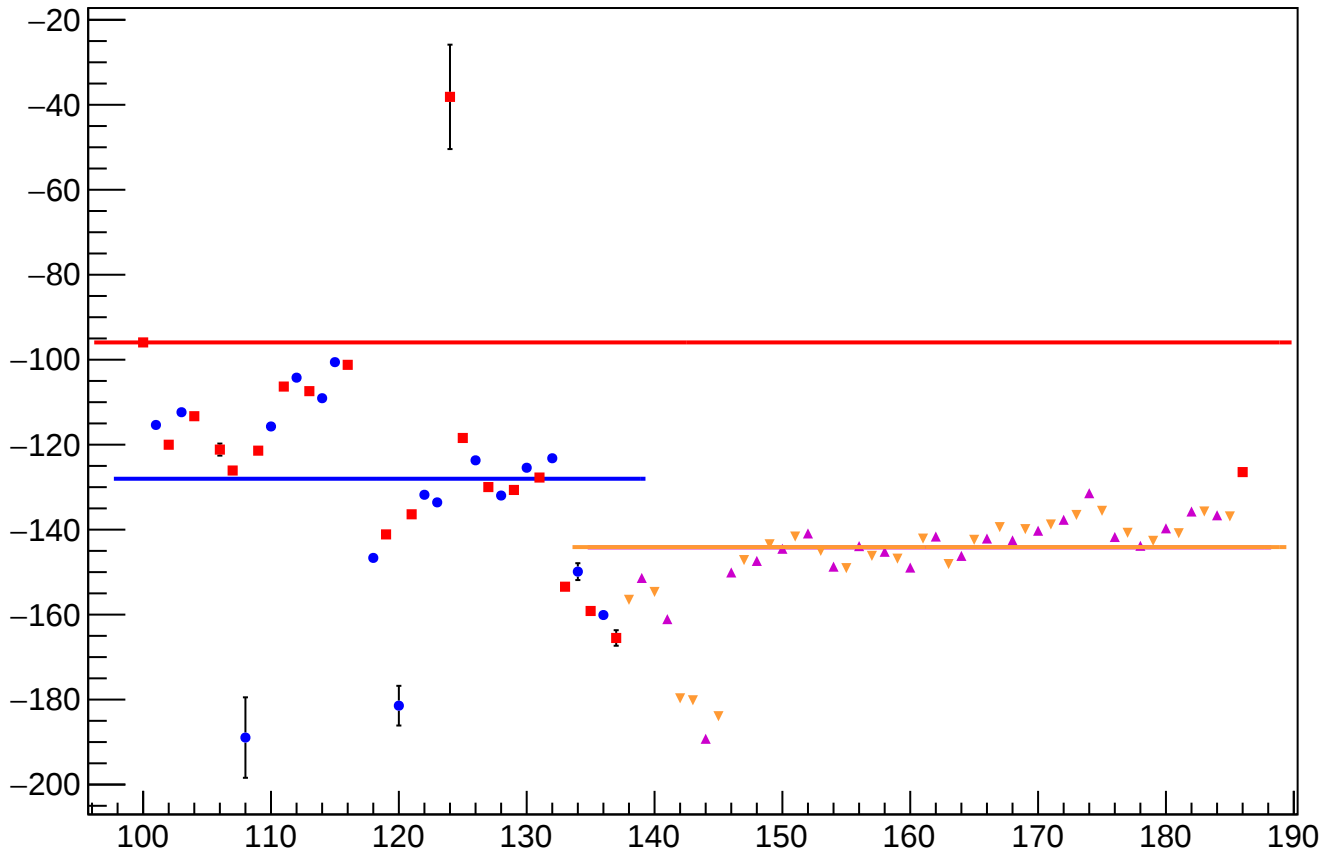
Left In: 18.272 $\pm$ 0.007 χ^2 /NDF: 237719.2/22

+ sign 29.557 $\pm$ 0.000 χ^2 /NDF: 3457983.4/39

All: -2.629 $\pm$ 0.000 χ^2 /NDF: 1006300357398

- sign -6.317 $\pm$ 0.000 χ^2 /NDF: 13758426.1/41

dit_usr_4aX_slope vs Slug



Right In: -128.021+/-0.098 χ^2/NDF : 38162.5/16

Left Out: -144.107+/-0.041 χ^2/NDF : 43993.9/24

Right Out: -95.934+/-0.000 χ^2/NDF : 193953.8/19

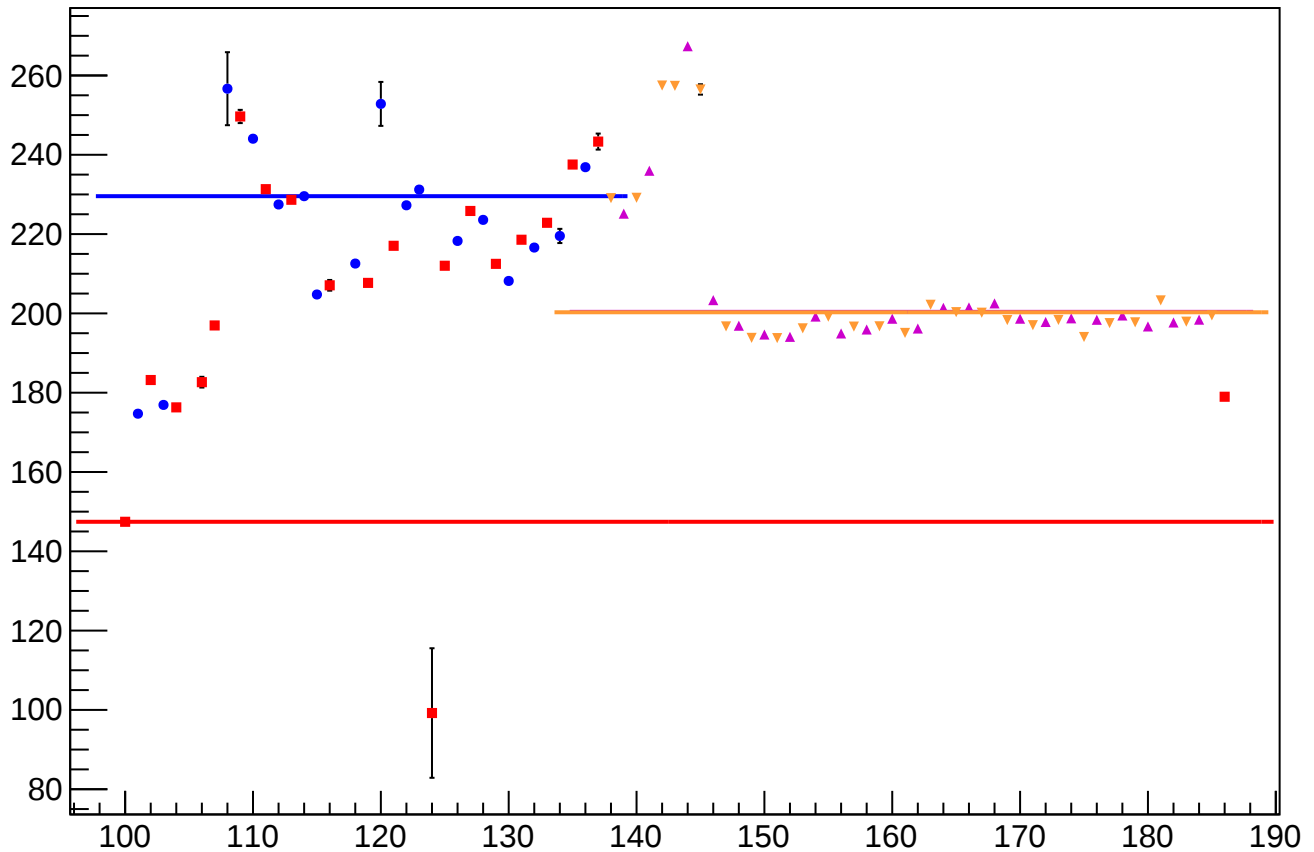
Left In: -144.184+/-0.045 χ^2/NDF : 34723.9/22

+ sign -141.708+/-0.038 χ^2/NDF : 104951.3/41

All: -95.934+/-0.000 χ^2/NDF : 2934248.9/84

- sign -95.934+/-0.000 χ^2/NDF : 1374806.1/42

dit_usr_4eX_slope vs Slug



Right In: 229.560 $\pm$ 0.000 χ^2 /NDF: 37813.1/16

Left Out: 200.282 $\pm$ 0.034 χ^2 /NDF: 109893.0/24

Right Out: 147.445 $\pm$ 0.000 χ^2 /NDF: 623371.0/19

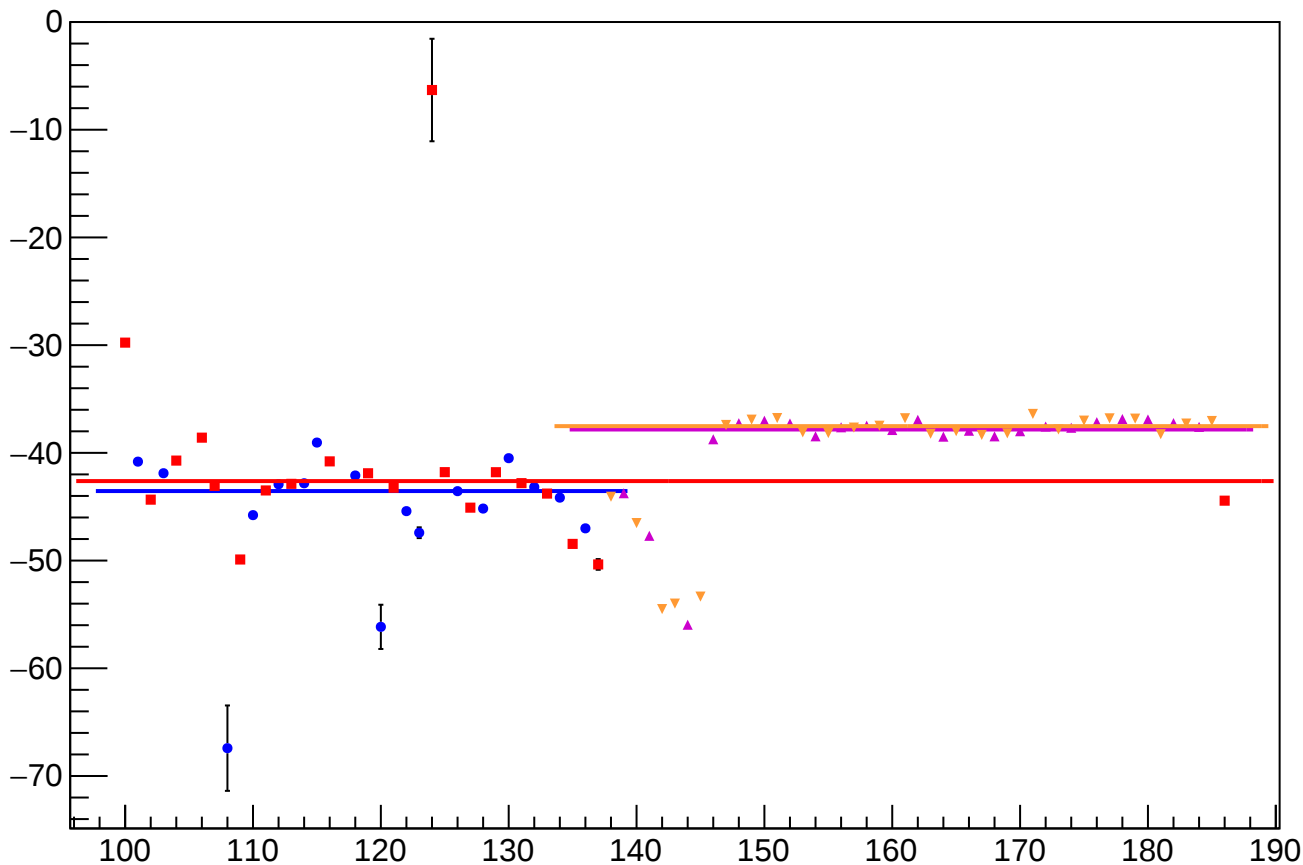
Left In: 200.386 $\pm$ 0.039 χ^2 /NDF: 77918.6/22

+ sign 229.560 $\pm$ 0.000 χ^2 /NDF: 887611.2/41

All: 173.253 $\pm$ 0.000 χ^2 /NDF: 157405034293

- sign 147.445 $\pm$ 0.000 χ^2 /NDF: 2530441.3/42

dit_usr_11X12X_slope vs Slug



Right In: -43.546 ± 0.023 $\chi^2/\text{NDF}: 12997.3/16$

Left Out: -37.519 ± 0.004 $\chi^2/\text{NDF}: 252804.2/24$

Right Out: -42.620 ± 0.020 $\chi^2/\text{NDF}: 7686.8/19$

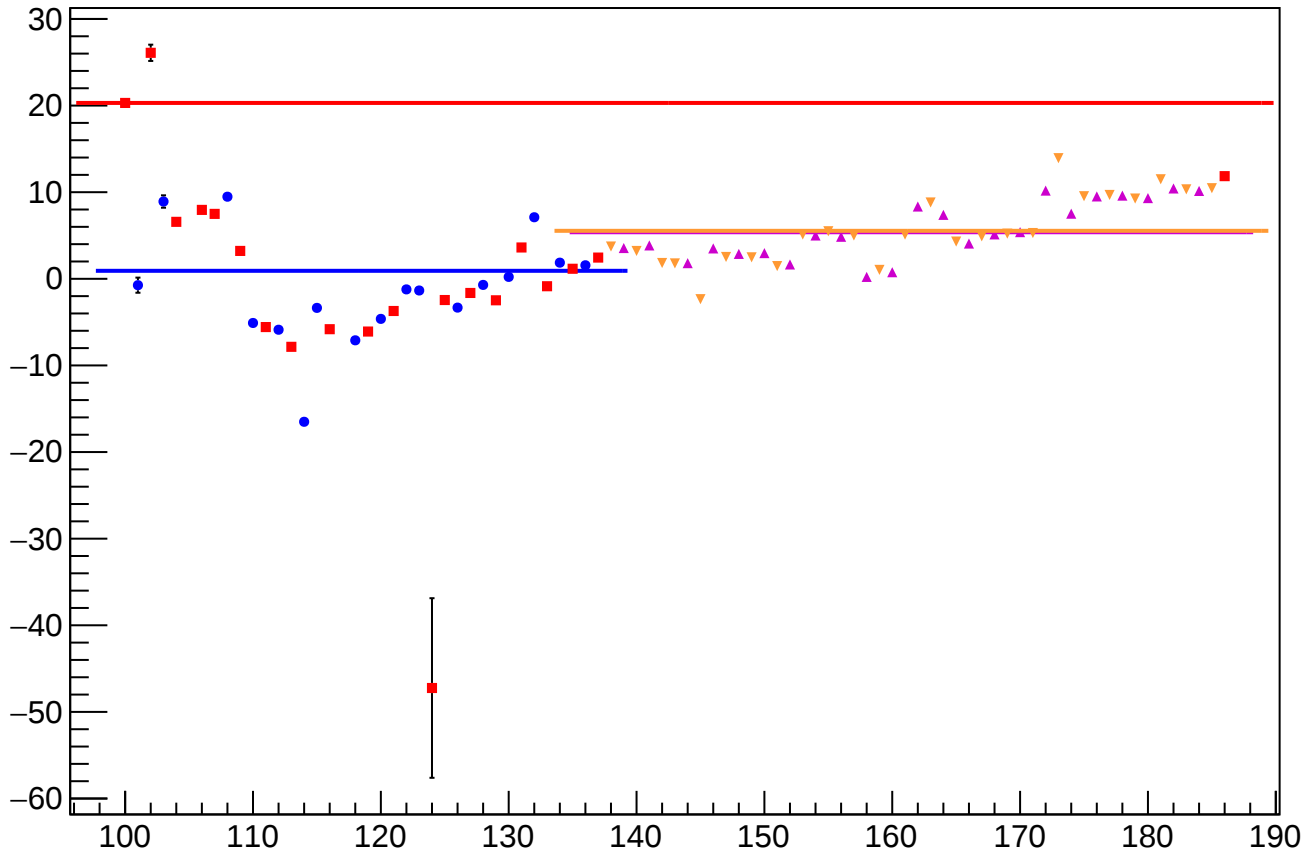
Left In: -37.832 ± 0.004 $\chi^2/\text{NDF}: 142924.4/22$

+ sign -37.671 ± 0.004 $\chi^2/\text{NDF}: 332905.6/41$

All: -37.829 ± 0.003 $\chi^2/\text{NDF}: 541469.1/84$

- sign -38.026 ± 0.004 $\chi^2/\text{NDF}: 204351.0/42$

dit_usr_4aY_slope vs Slug



Right In: 0.923 $\pm$ 0.020 χ^2 /NDF: 21353.5/16

Left Out: 5.540 $\pm$ 0.006 χ^2 /NDF:301383.7/24

Right Out: 20.304 $\pm$ 0.000 χ^2 /NDF: 918855.3/19

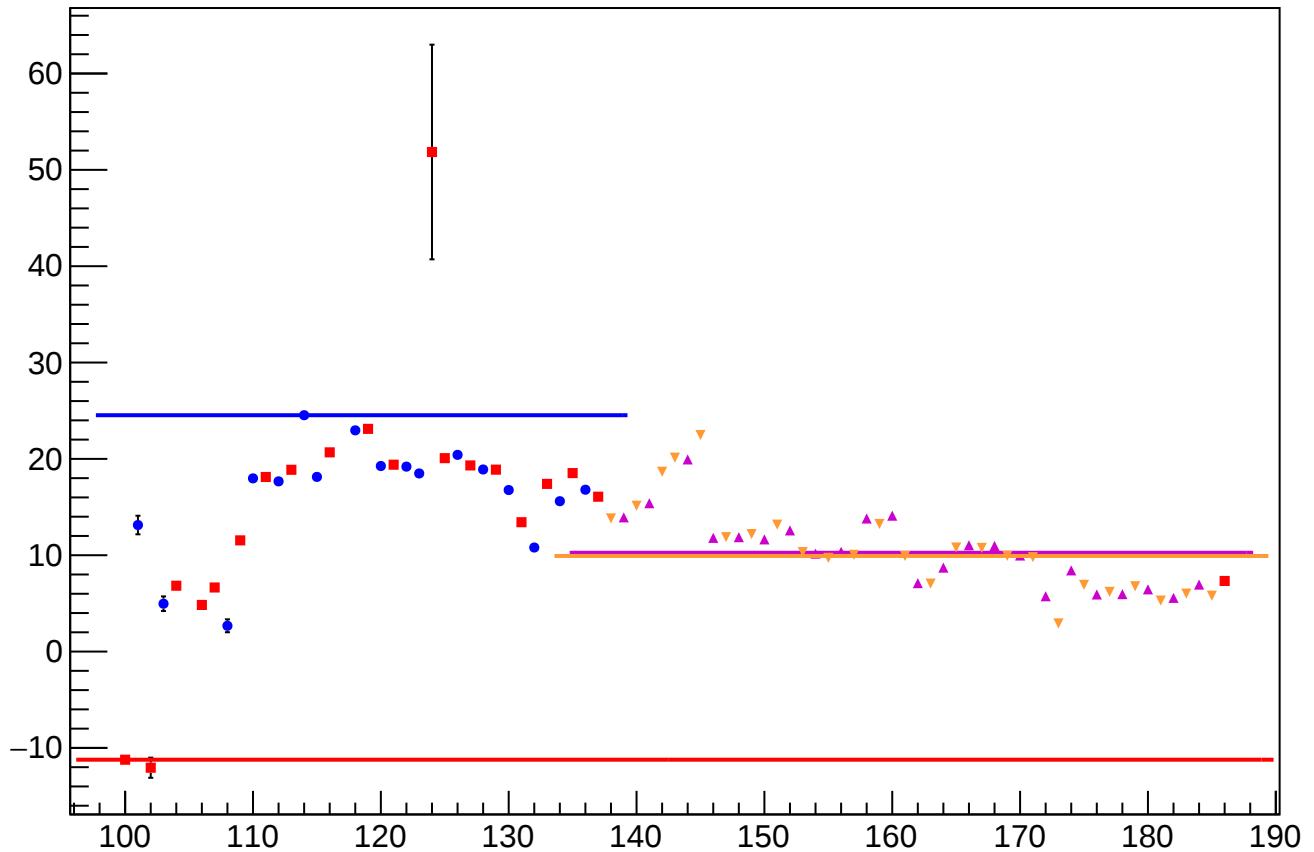
Left In: 5.375 $\pm$ 0.007 χ^2 /NDF:205713.7/22

+ sign 5.201 $\pm$ 0.005 χ^2 /NDF: 371159.6/41

All: 20.304 $\pm$ 0.000 χ^2 /NDF: 14206025.9/84

- sign 20.304 $\pm$ 0.000 χ^2 /NDF: 6225102.0/42

dit_usr_4eY_slope vs Slug



Right In: 24.533+/-0.000 χ^2/NDF : 119839.5/16

Left Out: 9.923+/-0.007 χ^2/NDF : 204729.3/24

Right Out: -11.224+/-0.000 χ^2/NDF : 2206122.0/19

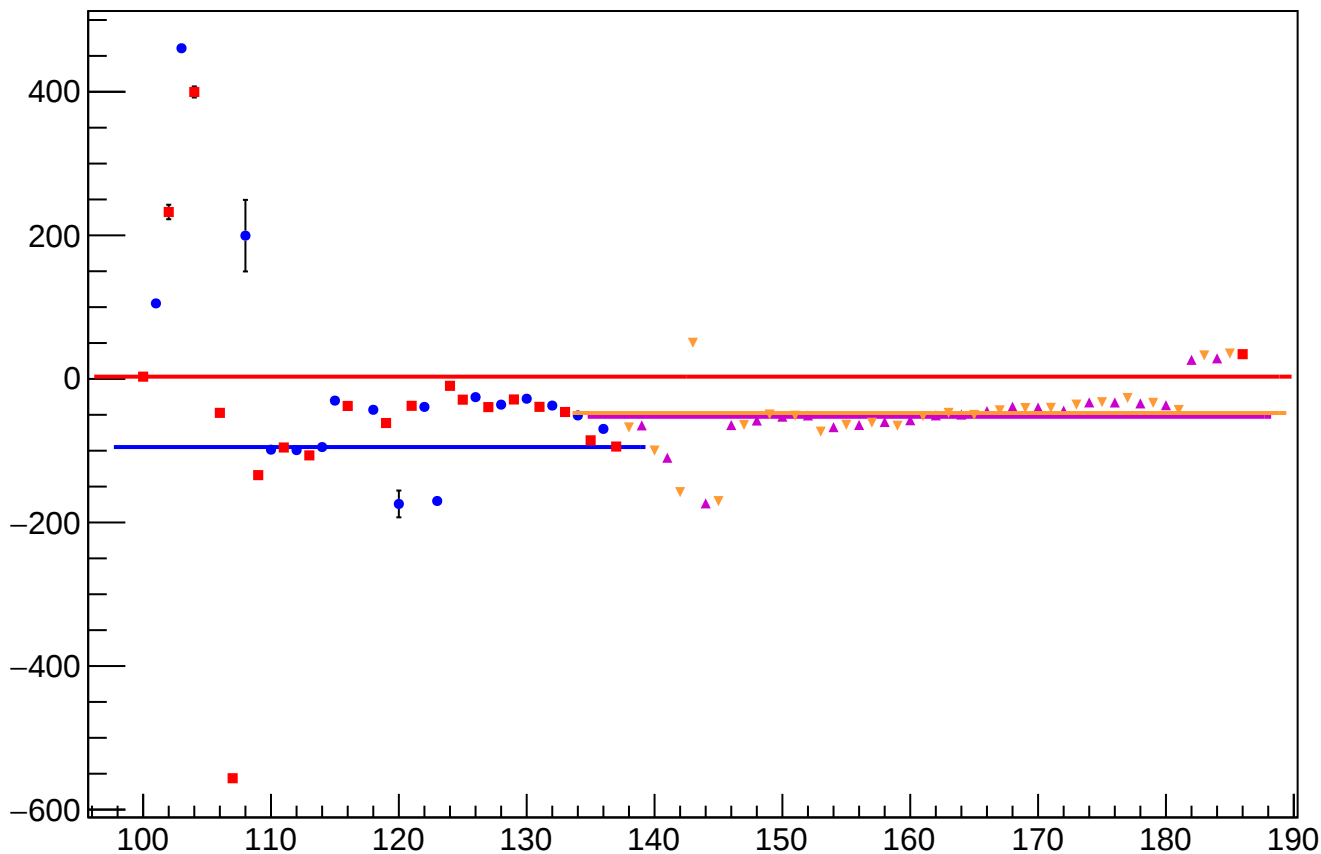
Left In: 10.254+/-0.008 χ^2/NDF : 137399.6/22

+ sign 24.533+/-0.000 χ^2/NDF : 4500187.3/41

All: -7.548+/-0.000 χ^2/NDF : 2499340702901

- sign -11.224+/-0.000 χ^2/NDF : 9391925.3/42

dit_atl1_4aX_slope vs Slug



Right In: -94.927 ± 0.000 χ^2/NDF : 718777.6/16

Left Out: -47.513 ± 0.088 χ^2/NDF : 90964.1/24

Right Out: 3.148 ± 0.000 χ^2/NDF : 61210548.7/19

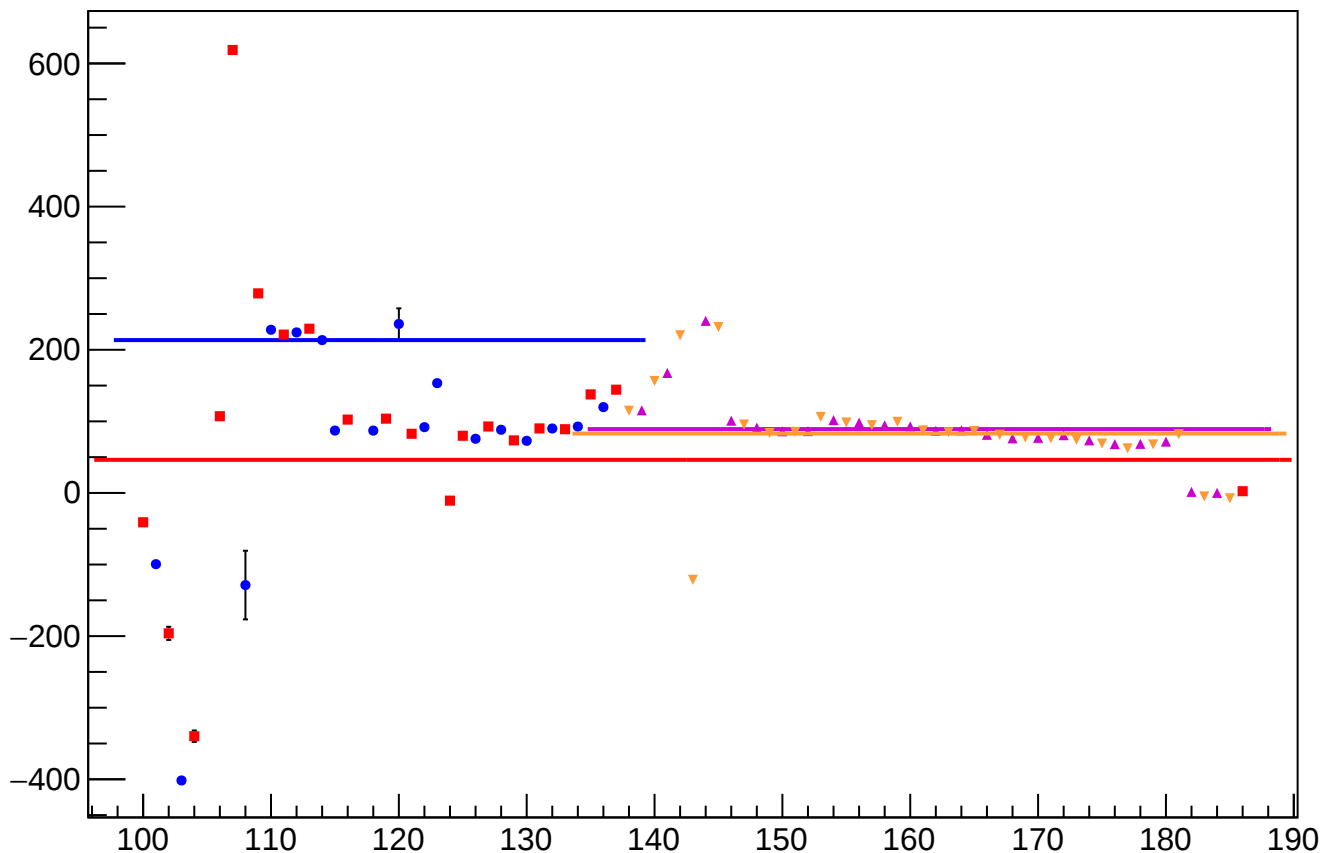
Left In: -52.769 ± 0.103 χ^2/NDF : 70359.7/22

+ sign -94.927 ± 0.000 χ^2/NDF : 1099135.4/41

All: 2.973 ± 0.000 χ^2/NDF : 52299232074263

- sign 3.148 ± 0.000 χ^2/NDF : 61575172.3/42

dit_atl1_4eX_slope vs Slug



Right In: 213.523+/-0.000 χ^2/NDF : 2690617.8/16

Left Out: 82.933+/-0.077 χ^2/NDF : 212577.9/24

Right Out: 46.287+/-0.129 χ^2/NDF : 328356.3/19

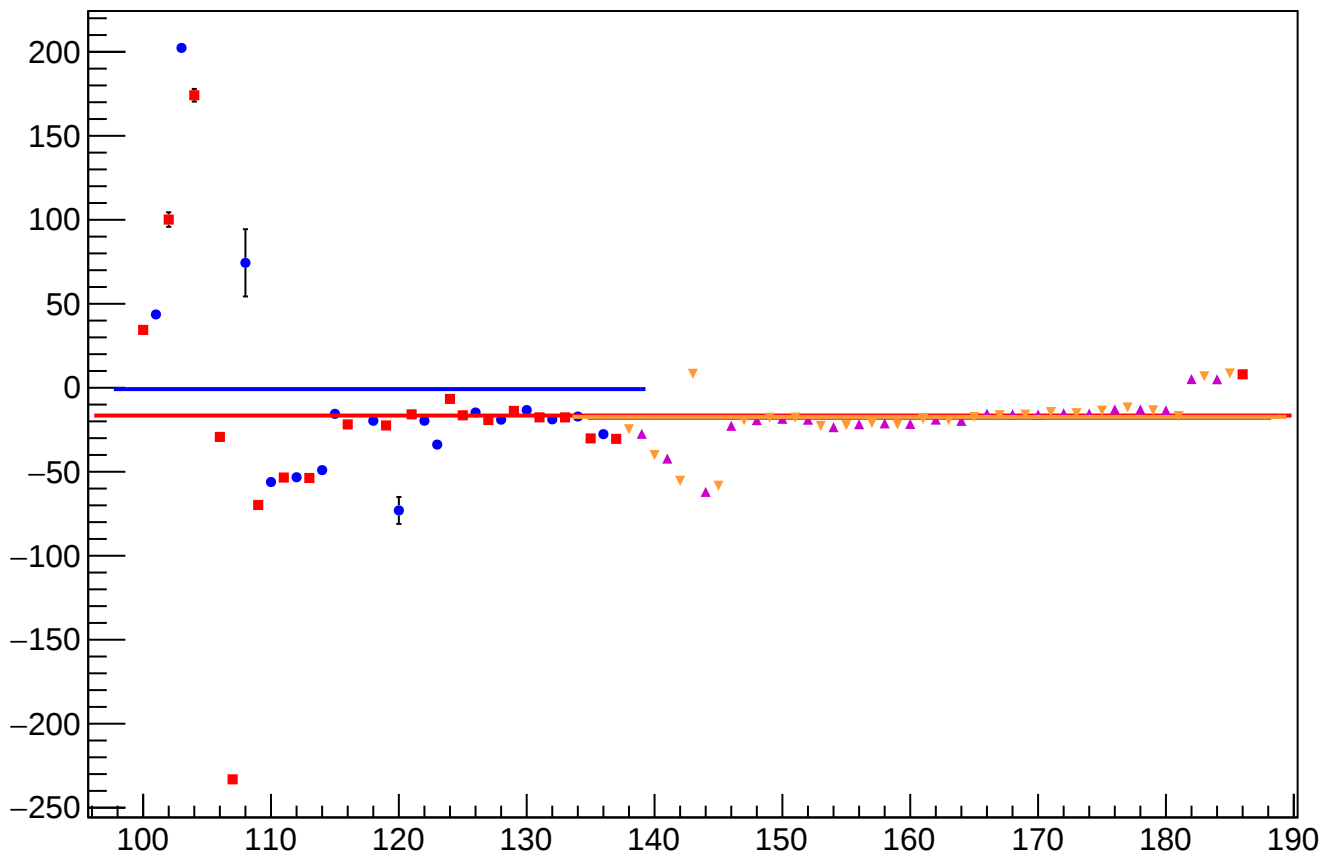
Left In: 89.202+/-0.090 χ^2/NDF : 95378.9/22

+ sign 213.523+/-0.000 χ^2/NDF : 5749780.0/41

All: 213.523+/-0.000 χ^2/NDF : 9769005.3/84

- sign 75.168+/-0.074 χ^2/NDF : 498286.7/42

dit_atl1_11X12X_slope vs Slug



Right In: -0.799 ± 0.031 χ^2/NDF : 2816818.1/16

Left Out: -17.358 ± 0.010 χ^2/NDF : 711613.1/24

Right Out: -16.532 ± 0.038 χ^2/NDF : 323021.0/19

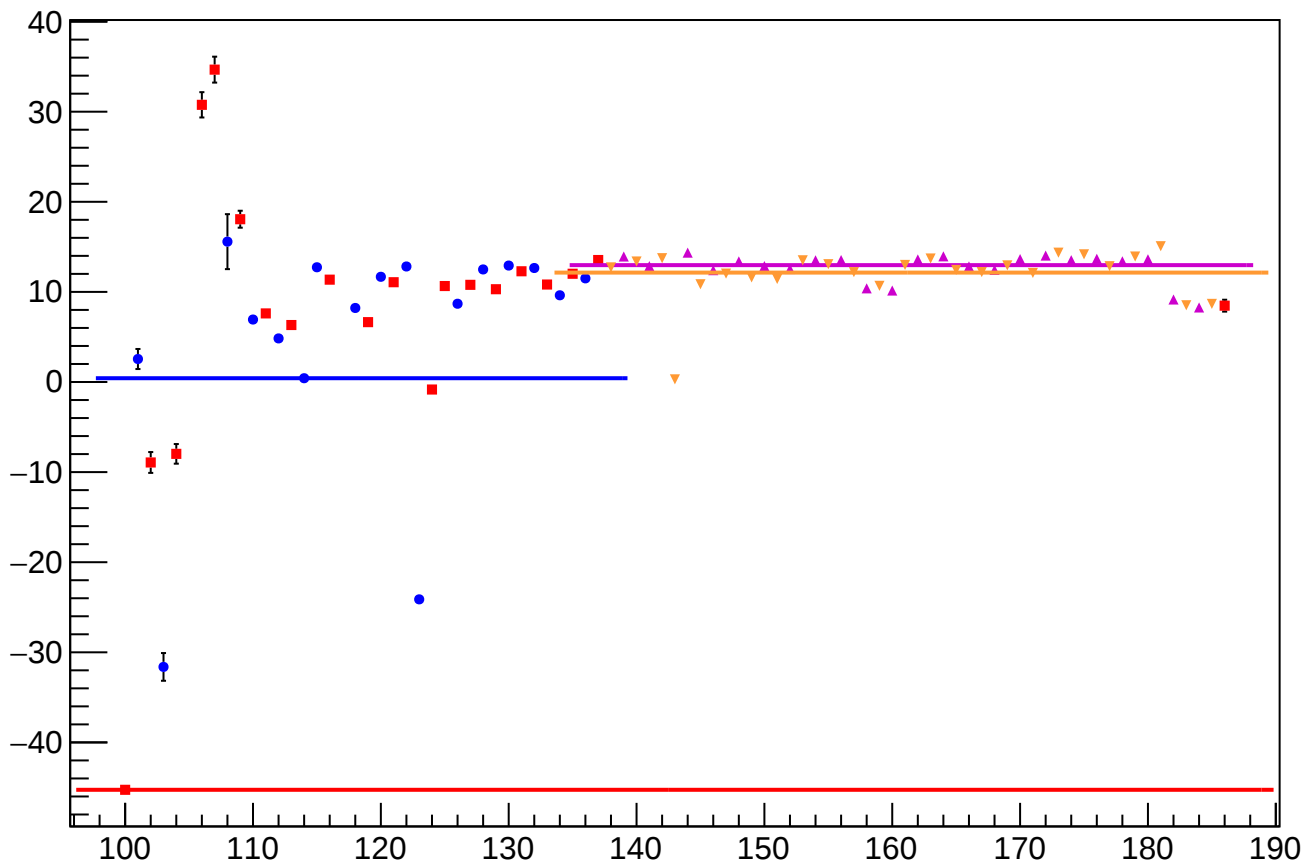
Left In: -17.854 ± 0.012 χ^2/NDF : 251583.5/22

+ sign -15.830 ± 0.010 χ^2/NDF : 3781751.6/41

All: -16.597 ± 0.007 χ^2/NDF : 4373523.7/84

- sign -17.733 ± 0.012 χ^2/NDF : 575690.2/42

dit_atl1_4aY_slope vs Slug



Right In: 0.420 ± 0.000 χ^2/NDF : 84744.6/16

Left Out: 12.143 ± 0.014 χ^2/NDF : 35326.3/24

Right Out: -45.259 ± 0.000 χ^2/NDF : 1305257.0/19

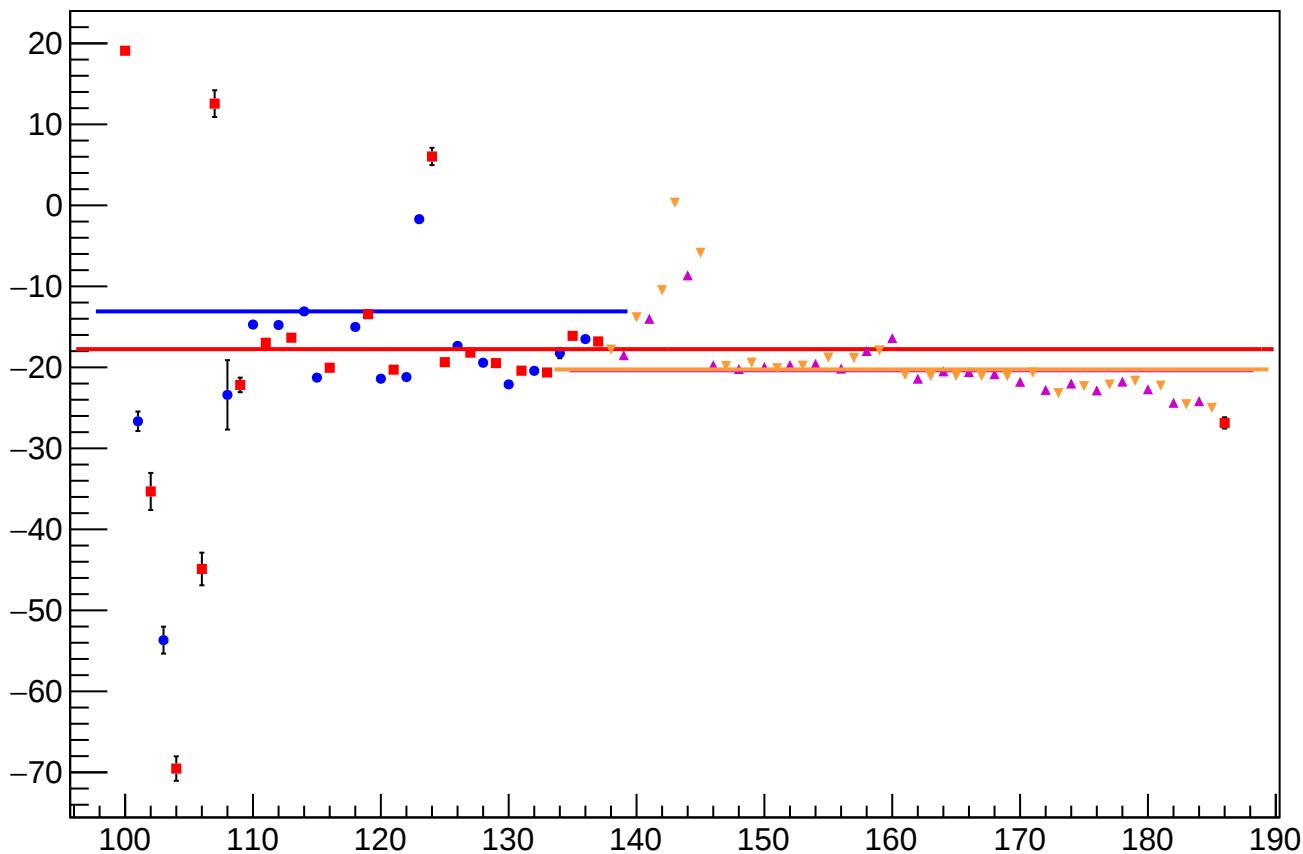
Left In: 12.971 ± 0.011 χ^2/NDF : 9592.9/22

+ sign 0.420 ± 0.000 χ^2/NDF : 859049.7/41

All: 0.419 ± 0.000 χ^2/NDF : 24797052003265

- sign -45.259 ± 0.000 χ^2/NDF : 28103448.4/42

dit_atl1_4eY_slope vs Slug



Right In: -13.090+/-0.000 χ^2/NDF : 30071.6/16

Left Out: -20.255+/-0.014 χ^2/NDF : 69246.8/24

Right Out: -17.749+/-0.048 χ^2/NDF : 14808.3/19

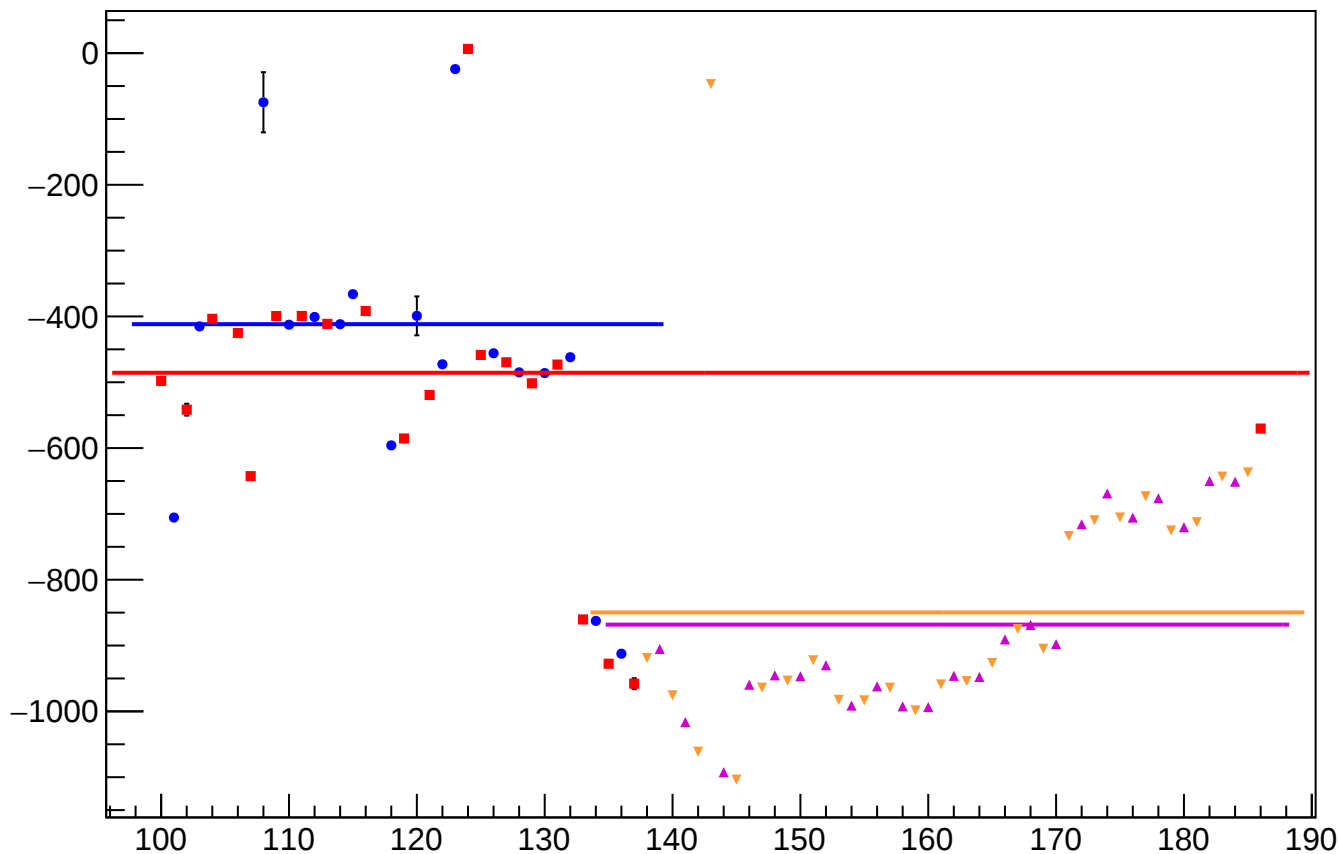
Left In: -20.362+/-0.015 χ^2/NDF : 19964.2/22

+ sign -13.090+/-0.000 χ^2/NDF : 343858.7/41

All: -13.090+/-0.000 χ^2/NDF : 619106.8/84

- sign -20.124+/-0.014 χ^2/NDF : 37490.8/42

dit_atl2_4aX_slope vs Slug



Right In: -411.771+/-0.000 χ^2/NDF : 984974.9/16

Left Out: -849.714+/-0.142 χ^2/NDF : 1033131.9/24

Right Out: -485.571+/-0.161 χ^2/NDF : 613366.8/19

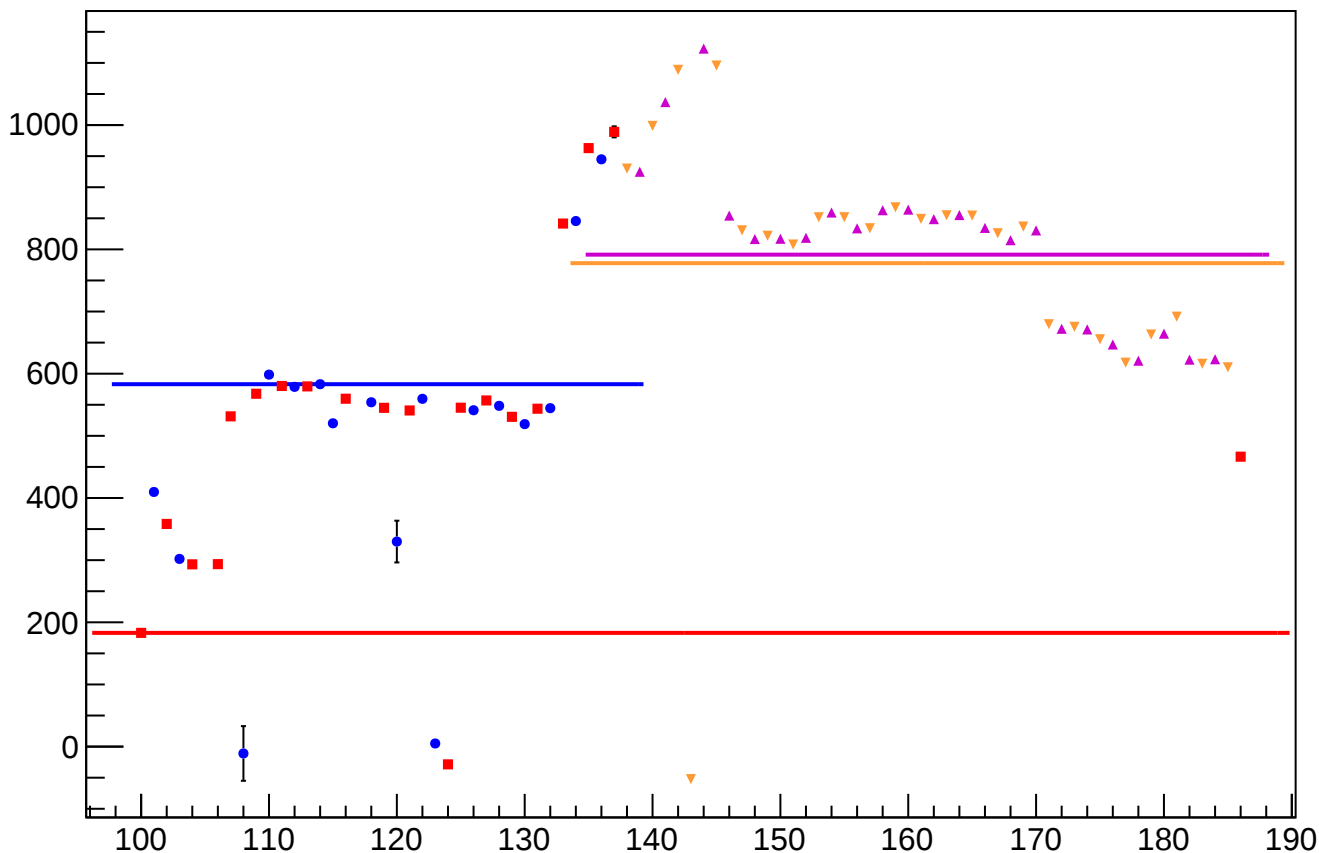
Left In: -868.181+/-0.145 χ^2/NDF : 820548.1/22

+ sign -411.771+/-0.000 χ^2/NDF : 11467517.7/41

All: -411.771+/-0.000 χ^2/NDF : 22969204.2/8

- sign -696.825+/-0.108 χ^2/NDF : 4536785.8/42

dit_atl2_4eX_slope vs Slug



Right In: 583.096+/-0.000 χ^2/NDF : 1695243.6/16

Left Out: 777.823+/-0.119 χ^2/NDF : 931413.4/24

Right Out: 182.993+/-0.000 χ^2/NDF : 3536558.3/19

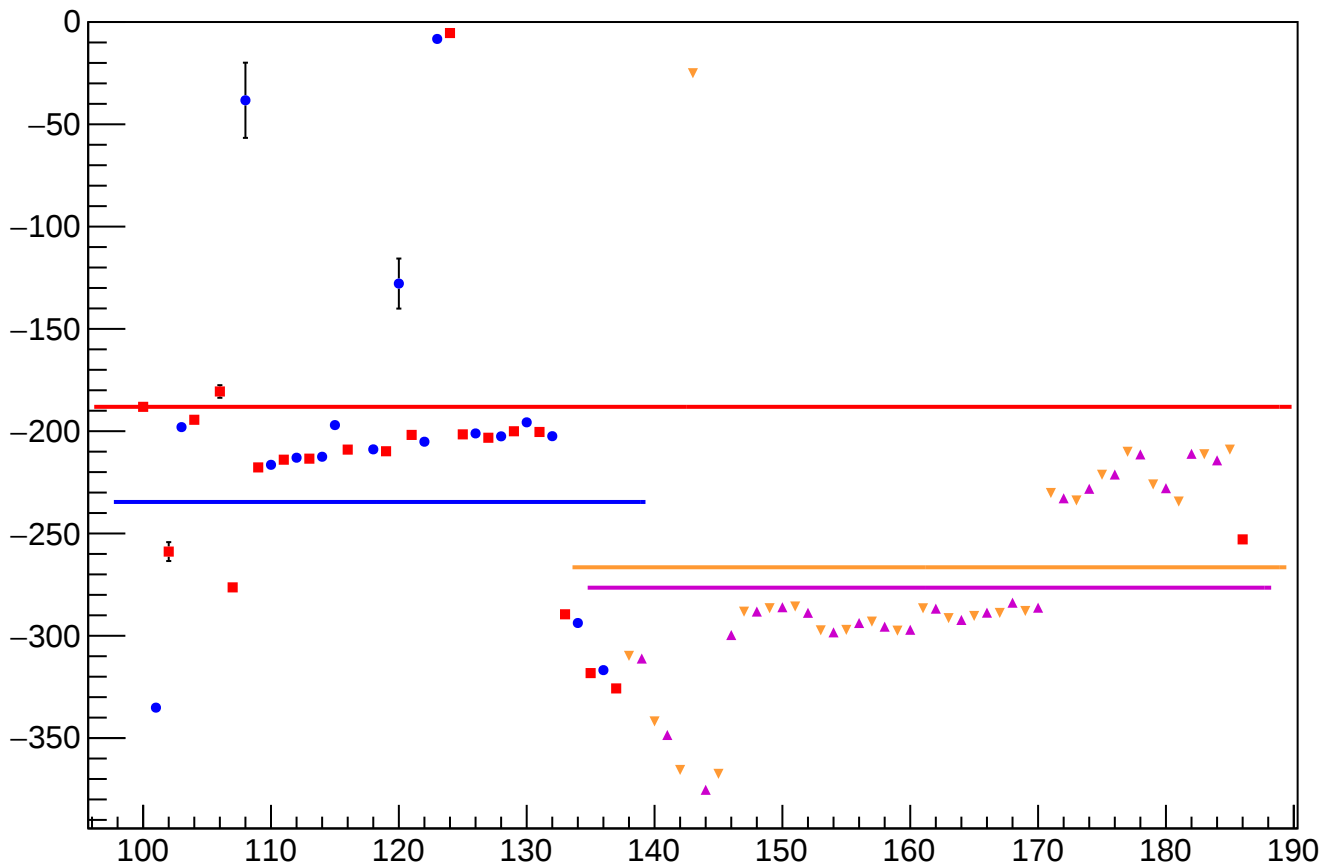
Left In: 791.519+/-0.122 χ^2/NDF : 690326.2/22

+ sign 583.096+/-0.000 χ^2/NDF : 5324050.7/41

All: 224.125+/-0.000 χ^2/NDF : 122237113759

- sign 182.993+/-0.000 χ^2/NDF : 29237642.2/42

dit_atl2_11X12X_slope vs Slug



Right In: -234.595 ± 0.057 $\chi^2/\text{NDF}: 1034543.3/16$

Left Out: -266.521 ± 0.021 $\chi^2/\text{NDF}: 7042321.6/24$

Right Out: -188.094 ± 0.000 $\chi^2/\text{NDF}: 766045.4/19$

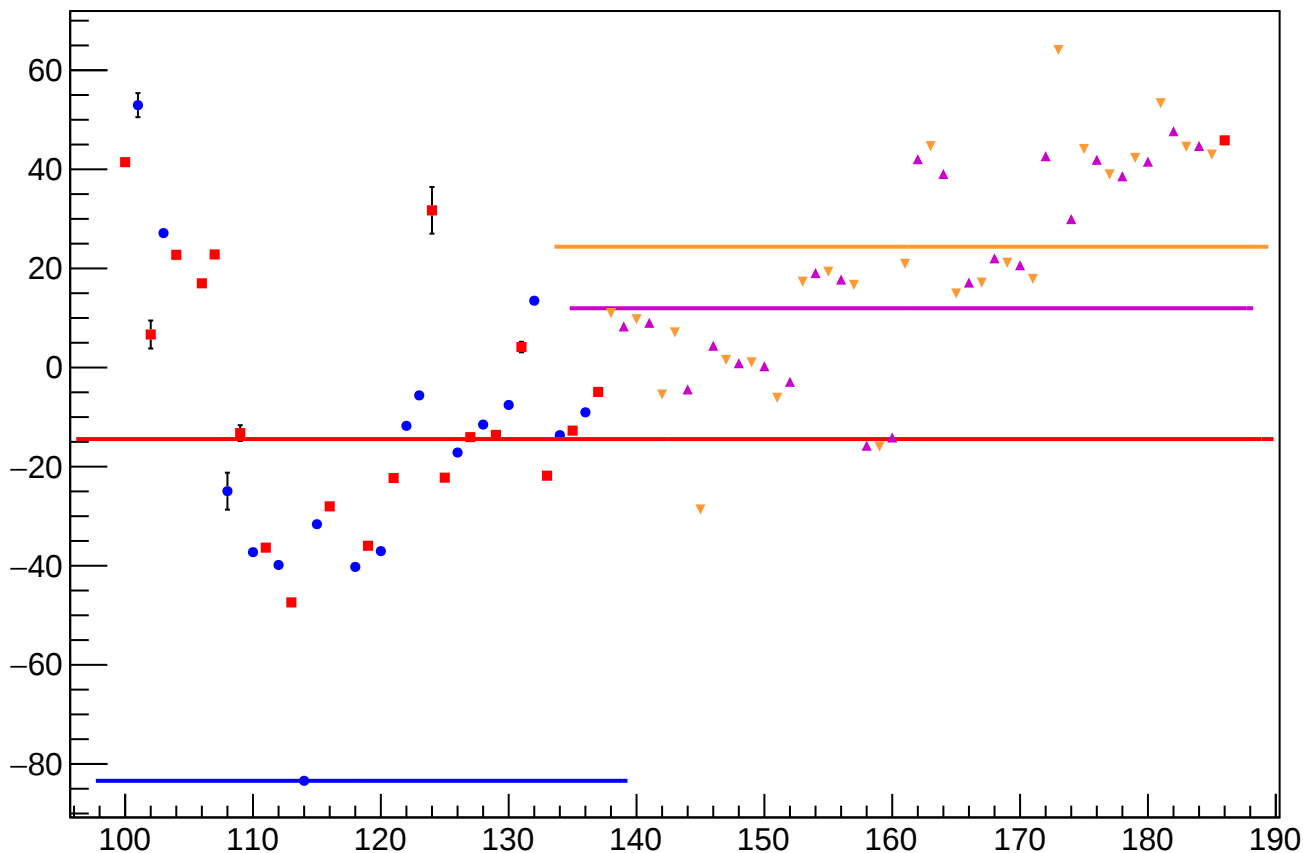
Left In: -276.494 ± 0.022 $\chi^2/\text{NDF}: 2437121.4/22$

+ sign -262.618 ± 0.020 $\chi^2/\text{NDF}: 8357113.6/41$

All: -188.094 ± 0.000 $\chi^2/\text{NDF}: 41902288.2/8$

- sign -188.094 ± 0.000 $\chi^2/\text{NDF}: 19315806.6/42$

dit_atl2_4aY_slope vs Slug



Right In: -83.399 ± 0.000 χ^2/NDF : 1111851.8/16

Left Out: 24.381 ± 0.019 χ^2/NDF : 1081339.1/24

Right Out: -14.440 ± 0.092 χ^2/NDF : 51104.0/19

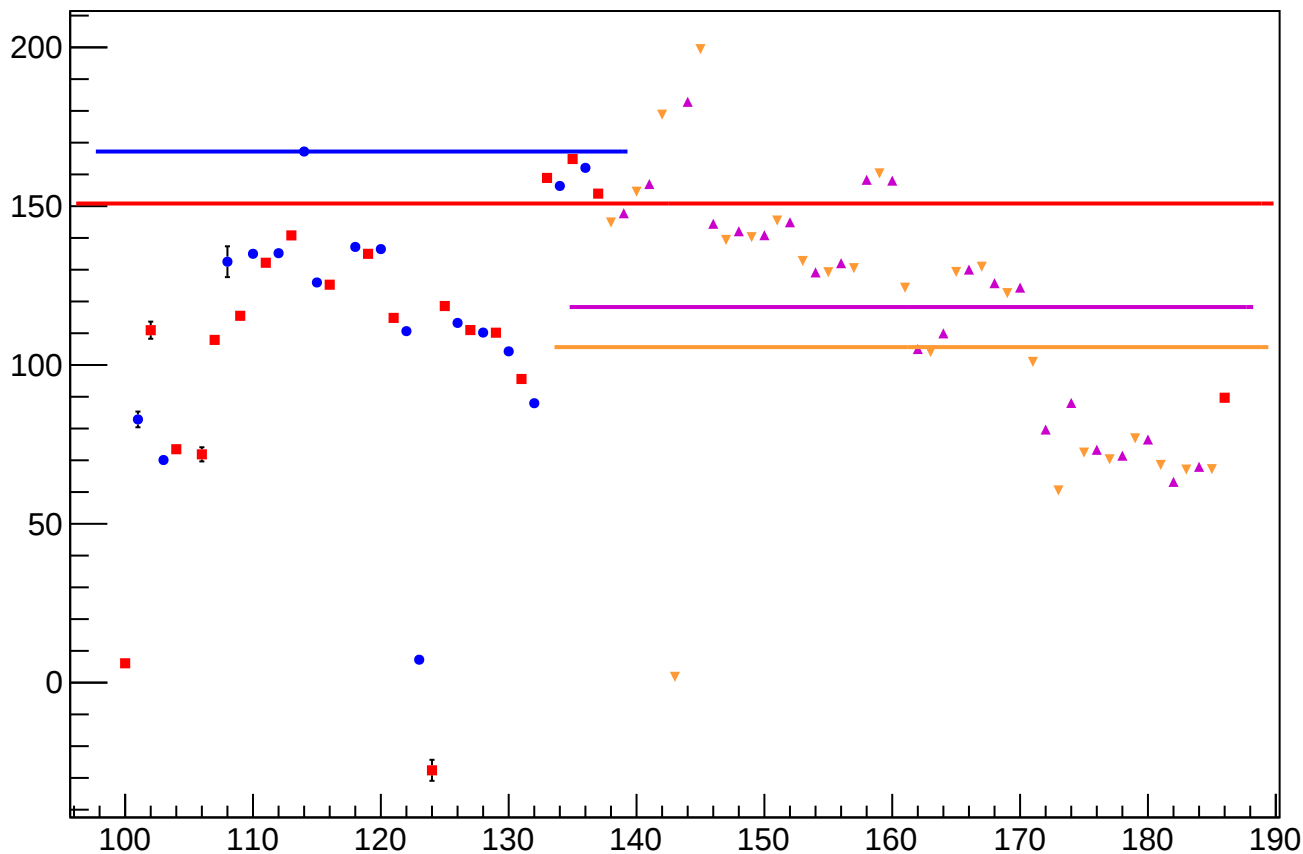
Left In: 11.963 ± 0.018 χ^2/NDF : 1338781.7/22

+ sign -83.399 ± 0.000 χ^2/NDF : 33581573.9/41

All: -83.399 ± 0.000 χ^2/NDF : 63450097.9/84

- sign 10.991 ± 0.018 χ^2/NDF : 1468675.4/42

dit_atl2_4eY_slope vs Slug



Right In: 167.207 $\pm$ 0.000 χ^2 /NDF: 377544.7/16

Left Out: 105.635 $\pm$ 0.024 χ^2 /NDF:1953919.9/24

Right Out: 150.841 $\pm$ 0.030 χ^2 /NDF: 260143.7/19

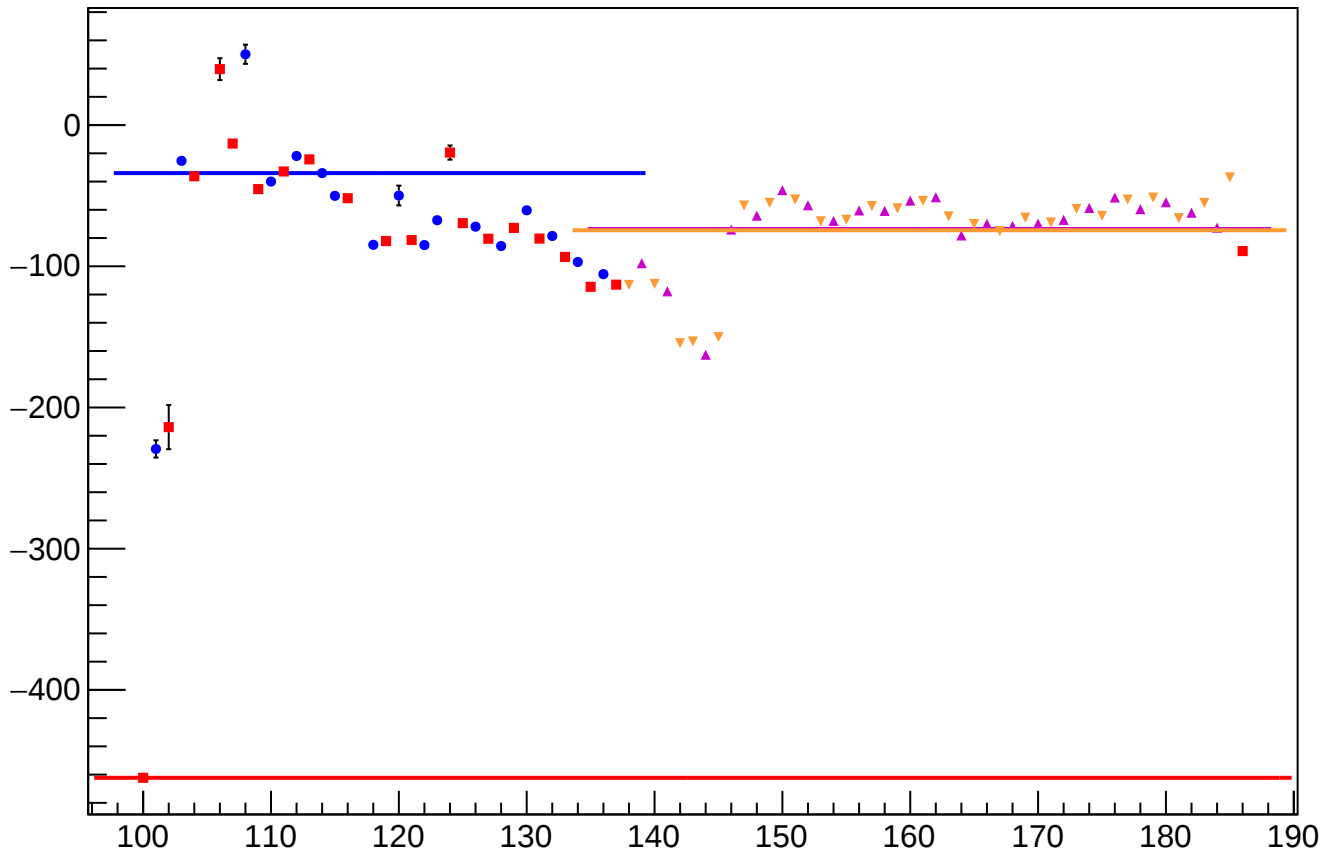
Left In: 118.249 $\pm$ 0.024 χ^2 /NDF:1825537.3/22

+ sign 167.207 $\pm$ 0.000 χ^2 /NDF: 9129251.8/41

All: 167.207 $\pm$ 0.000 χ^2 /NDF: 15808602.1/84

- sign 130.763 $\pm$ 0.019 χ^2 /NDF: 2816465.8/42

dit_atr1_4aX_slope vs Slug



Right In: -34.002 $\pm$ 0.000 χ^2 /NDF: 103608.4/16

Left Out: -74.468 $\pm$ 0.109 χ^2 /NDF: 71329.2/24

Right Out: -462.254 $\pm$ 0.000 χ^2 /NDF: 5028814.5/19

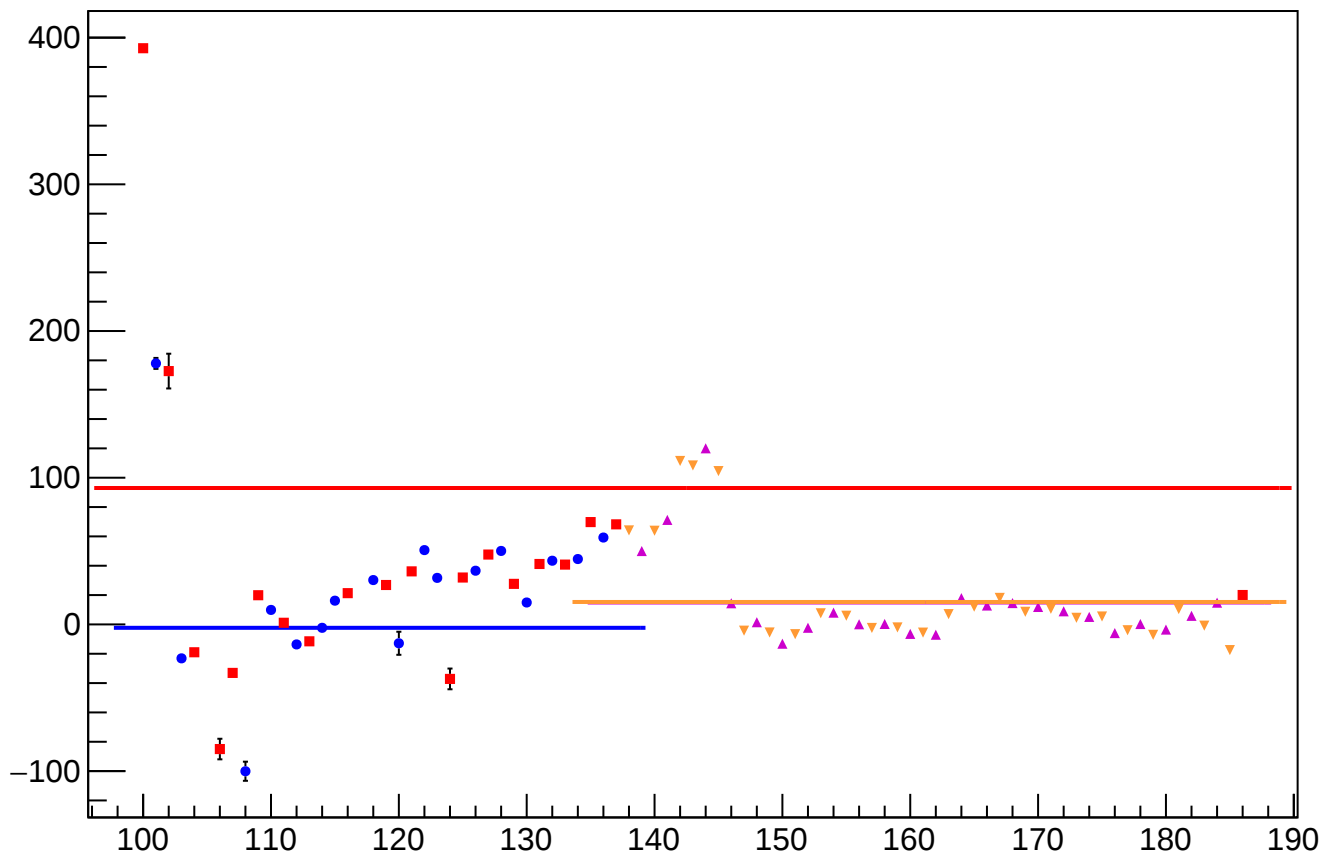
Left In: -73.591 $\pm$ 0.110 χ^2 /NDF: 68577.9/22

+ sign -34.002 $\pm$ 0.000 χ^2 /NDF: 313701.5/41

All: -34.912 $\pm$ 0.000 χ^2 /NDF: 849582565143

- sign -462.254 $\pm$ 0.000 χ^2 /NDF: 17495637.8/42

dit_atr1_4eX_slope vs Slug



Right In: -2.317 ± 0.000 χ^2/NDF : 72308.0/16

Left Out: 15.294 ± 0.095 χ^2/NDF : 107606.8/24

Right Out: 92.987 ± 0.171 χ^2/NDF : 807117.8/19

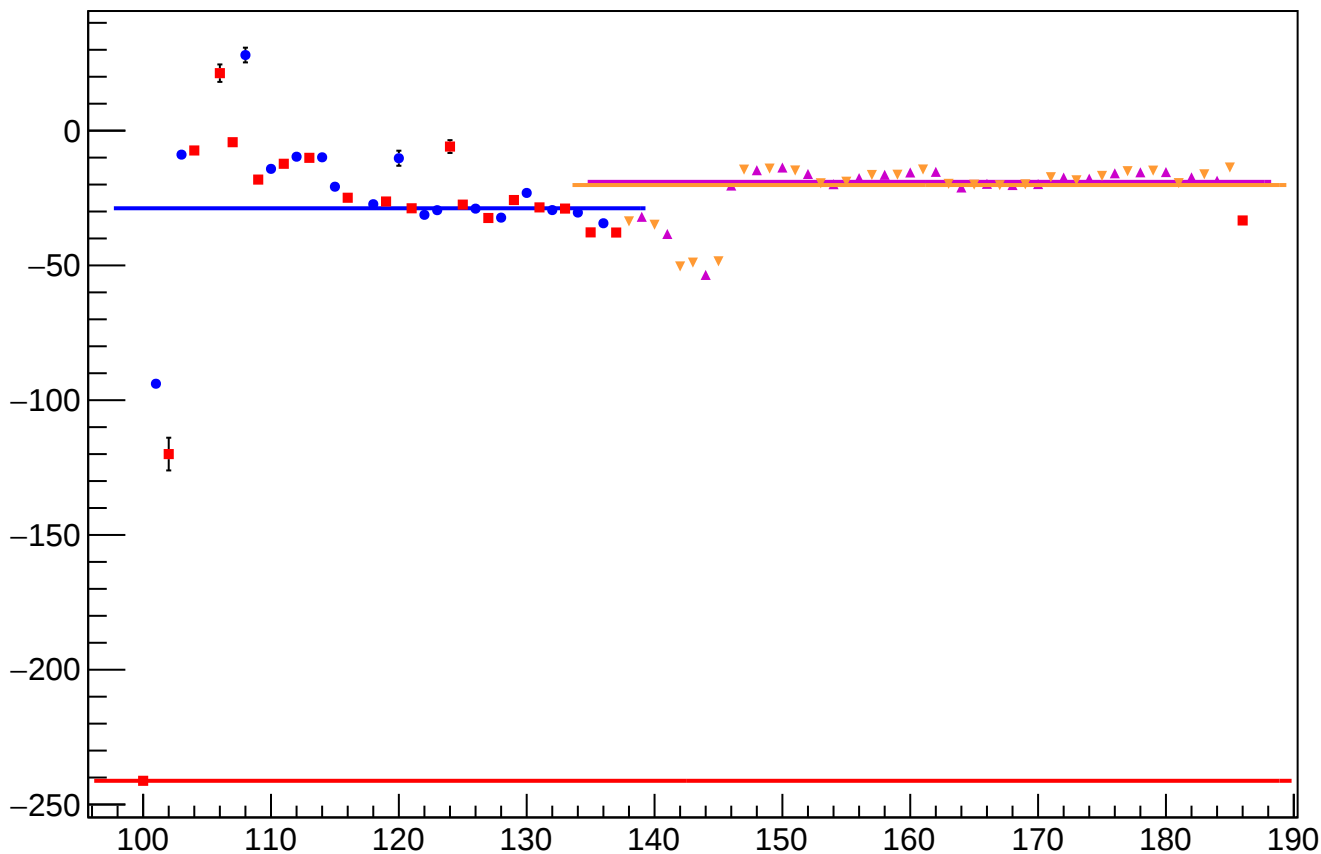
Left In: 14.934 ± 0.098 χ^2/NDF : 96635.9/22

+ sign -2.317 ± 0.000 χ^2/NDF : 214165.5/41

All: -2.317 ± 0.000 χ^2/NDF : 1460868.0/84

- sign 34.302 ± 0.085 χ^2/NDF : 1061085.7/42

dit_atr1_11X12X_slope vs Slug



Right In: -28.799 ± 0.035 χ^2/NDF : 49372.5/16

Left Out: -20.179 ± 0.012 χ^2/NDF : 393146.9/24

Right Out: -241.209 ± 0.000 χ^2/NDF : 32863871.9/19

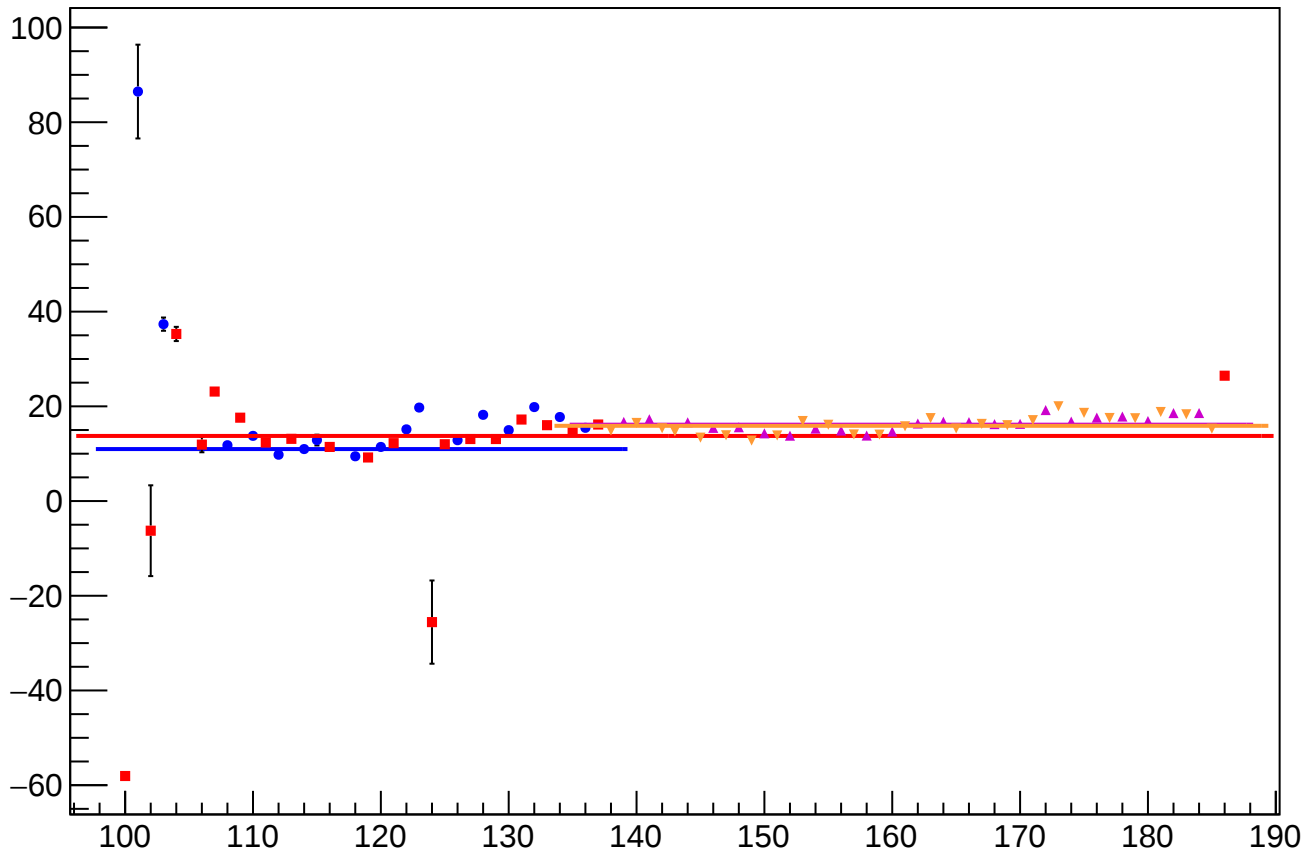
Left In: -18.993 ± 0.014 χ^2/NDF : 207001.6/22

+ sign -21.079 ± 0.011 χ^2/NDF : 495731.1/41

All: -241.209 ± 0.000 χ^2/NDF : 657936651.3/42

- sign -241.209 ± 0.000 χ^2/NDF : 286504359.8/42

dit_atr1_4aY_slope vs Slug



Right In: 10.978+/-0.000 χ^2/NDF : 26383.3/16

Left Out: 15.888+/-0.014 χ^2/NDF :13297.1/24

Right Out: 13.750+/-0.044 χ^2/NDF : 38607.3/19

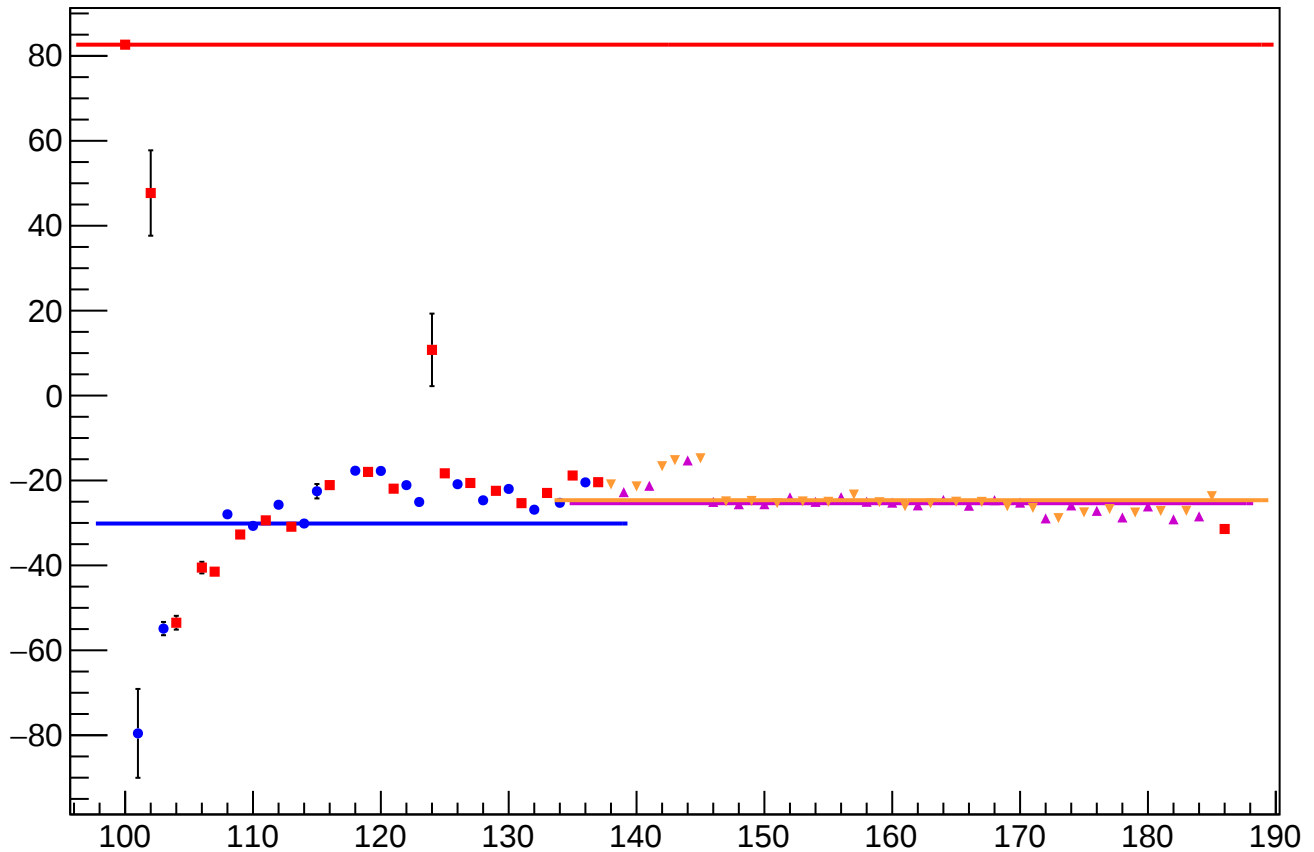
Left In: 16.127+/-0.013 χ^2/NDF :12045.9/22

+ sign 10.978+/-0.000 χ^2/NDF : 168343.2/41

All: 10.978+/-0.000 χ^2/NDF : 388573.1/84

- sign 15.944+/-0.012 χ^2/NDF : 53361.4/42

dit_atr1_4eY_slope vs Slug



Right In: -30.139 ± 0.000 χ^2/NDF : 75823.3/16

Left Out: -24.646 ± 0.015 χ^2/NDF : 40888.3/24

Right Out: 82.645 ± 0.000 χ^2/NDF : 4153352.8/19

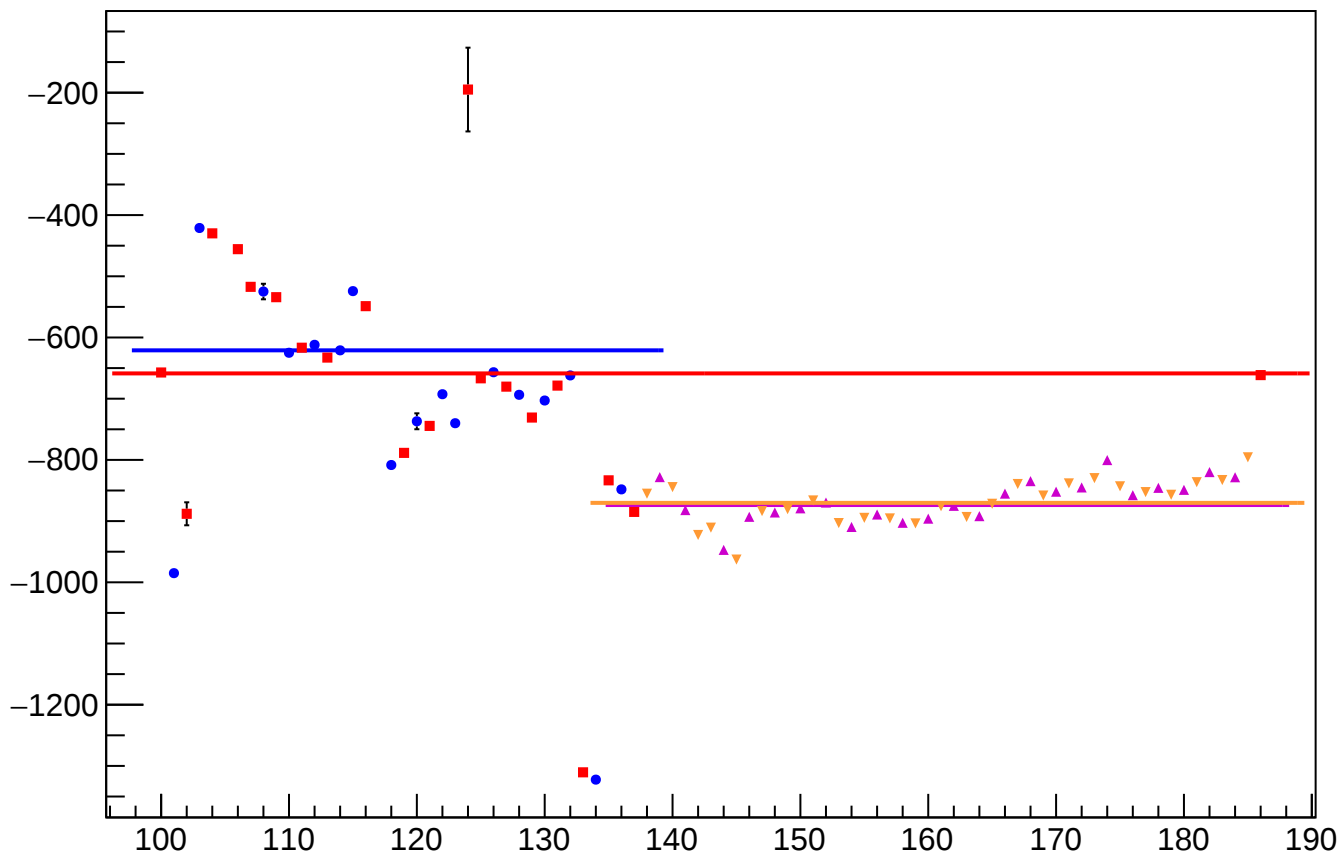
Left In: -25.356 ± 0.016 χ^2/NDF : 16913.2/22

+ sign -30.139 ± 0.000 χ^2/NDF : 242502.6/41

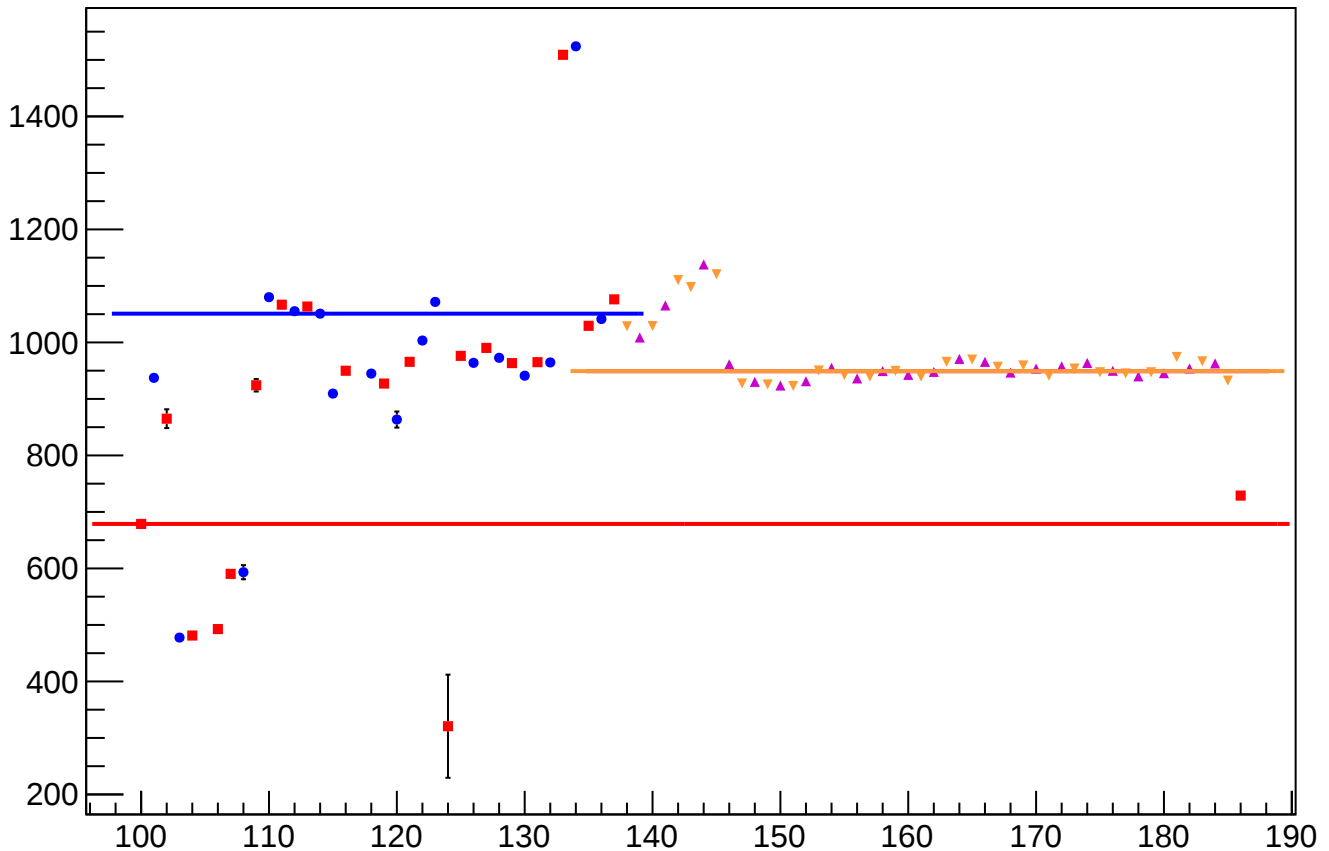
All: -26.421 ± 0.000 χ^2/NDF : 365466407976

- sign 82.645 ± 0.000 χ^2/NDF : 50582844.4/42

dit_atr2_4aX_slope vs Slug



dit_atr2_4eX_slope vs Slug



Right In: 1050.885 $\pm$ 0.000 χ^2 /NDF: 296535.3/16

Left Out: 949.224 $\pm$ 0.102 χ^2 /NDF: 73251.0/24

Right Out: 678.756 $\pm$ 0.000 χ^2 /NDF: 1433101.7/19

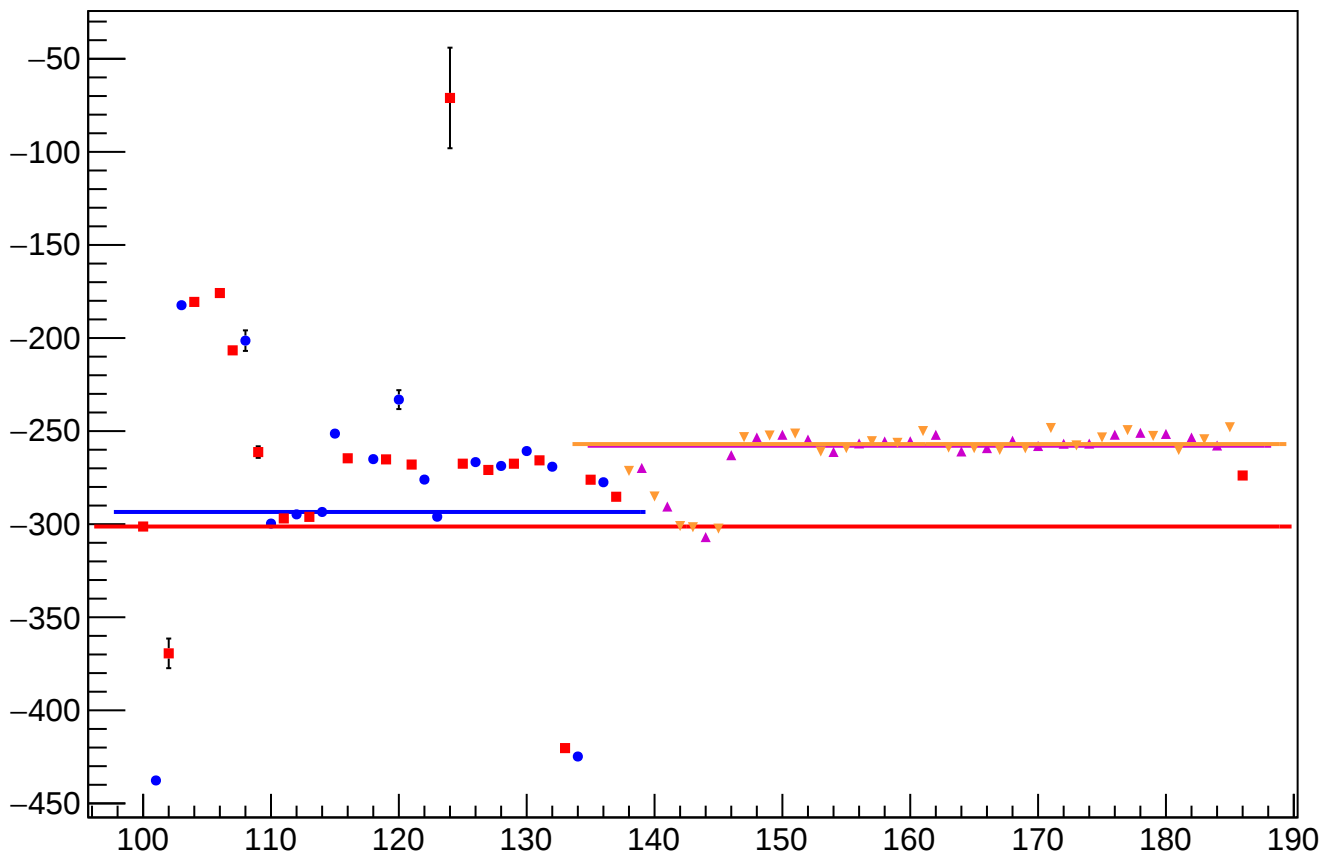
Left In: 949.032 $\pm$ 0.102 χ^2 /NDF: 76875.5/22

+ sign 1050.885 $\pm$ 0.000 χ^2 /NDF: 1372467.2/41

All: 717.012 $\pm$ 0.000 χ^2 /NDF: 660888056800

- sign 678.756 $\pm$ 0.000 χ^2 /NDF: 8478189.8/42

dit_atr2_11X12X_slope vs Slug



Right In: -293.440+/-0.000 χ^2/NDF : 806123.9/16

Left Out: -256.966+/-0.019 χ^2/NDF : 180779.9/24

Right Out: -301.259+/-0.000 χ^2/NDF : 728106.7/19

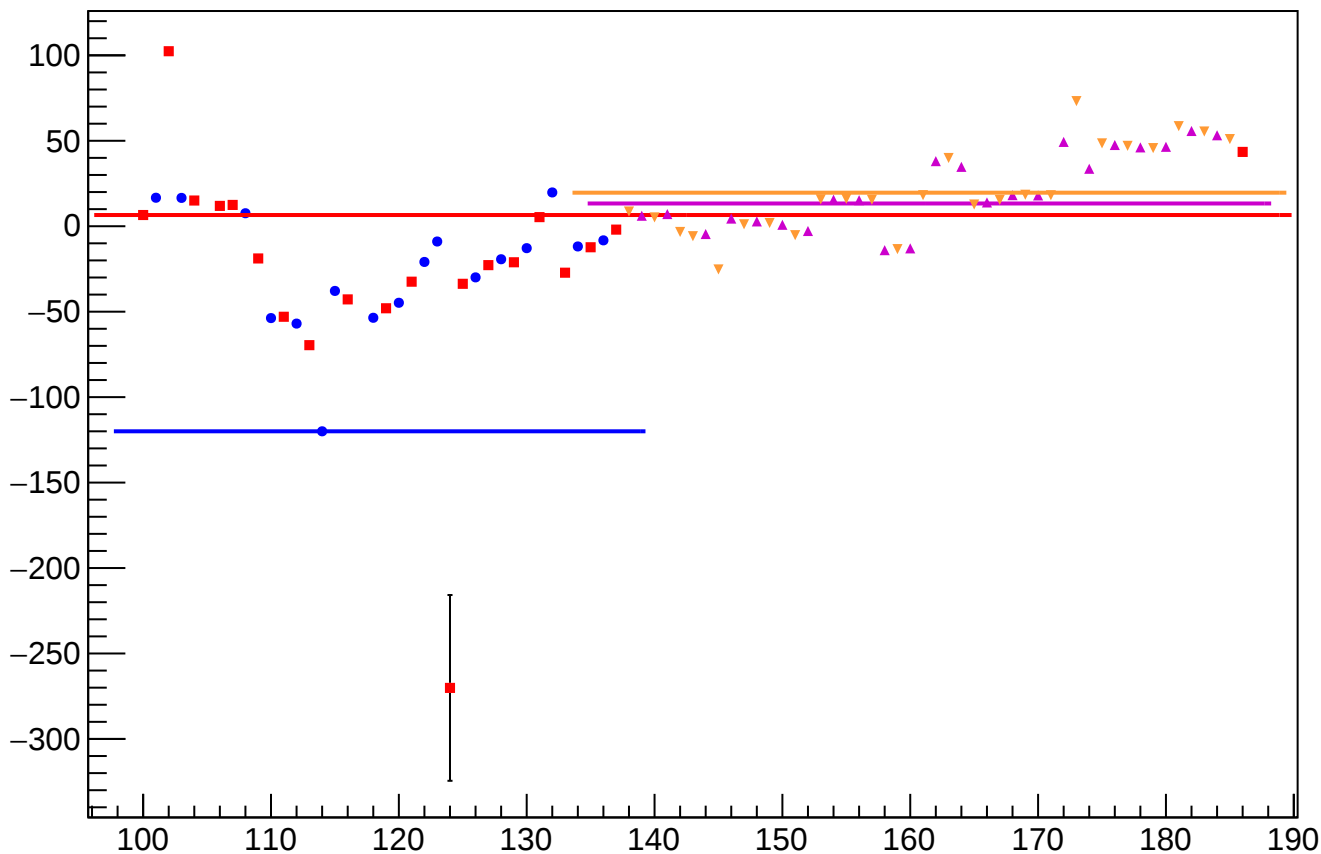
Left In: -257.860+/-0.019 χ^2/NDF : 208410.5/22

+ sign -293.440+/-0.000 χ^2/NDF : 4668379.4/41

All: -296.200+/-0.000 χ^2/NDF : 73444542243

- sign -301.259+/-0.000 χ^2/NDF : 6389603.6/42

dit_atr2_4aY_slope vs Slug



Right In: -119.993+/-0.000 χ^2/NDF : 1507310.0/16

Left Out: 19.630+/-0.019 χ^2/NDF :1348530.3/24

Right Out: 6.562+/-0.000 χ^2/NDF : 120556.8/19

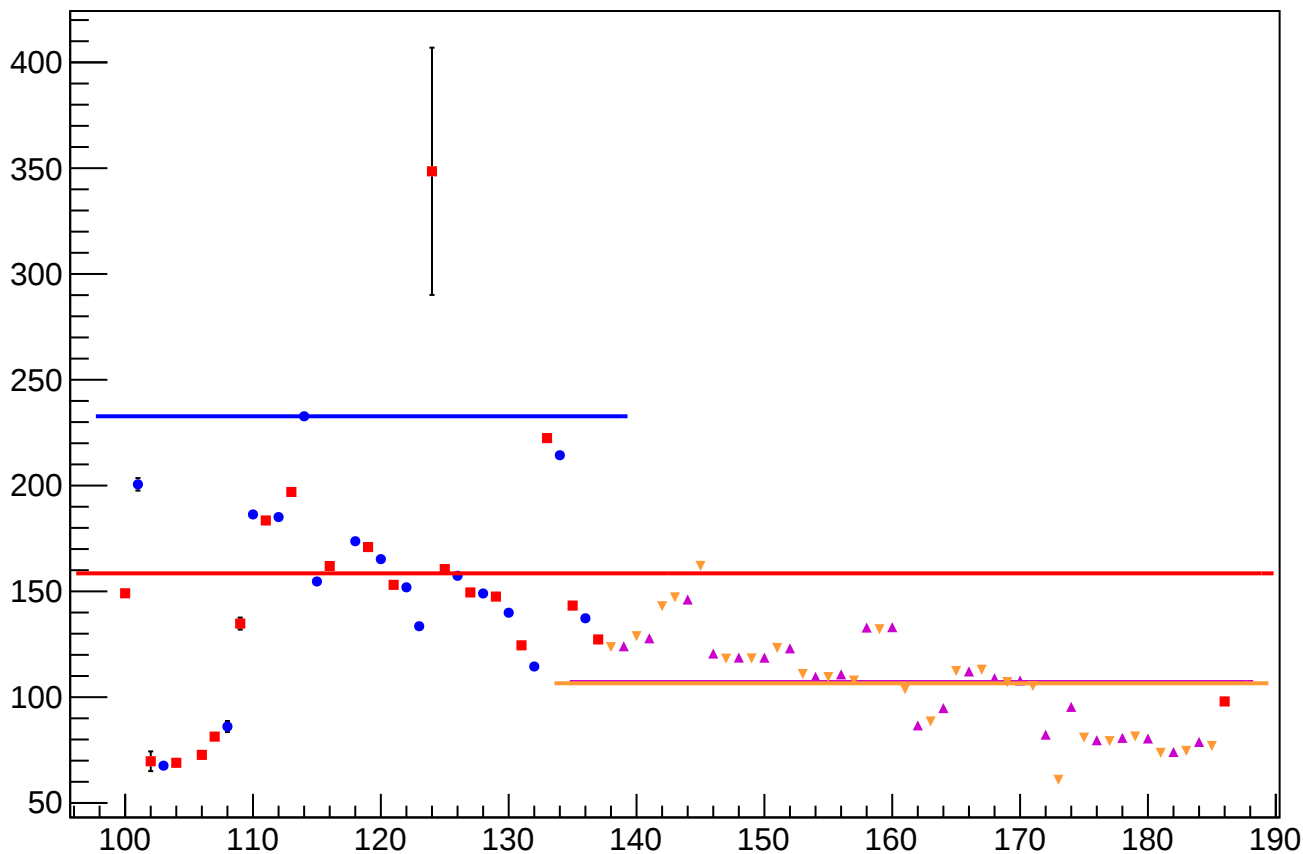
Left In: 13.314+/-0.019 χ^2/NDF :1023799.5/22

+ sign -119.993+/-0.000 χ^2/NDF : 59517117.2/41

All: 6.462+/-0.000 χ^2/NDF : 96855847891730

- sign 6.562+/-0.000 χ^2/NDF : 1273985.5/42

dit_atr2_4eY_slope vs Slug



Right In: 232.747 $\pm$ 0.000 χ^2 /NDF: 885111.3/16

Left Out: 106.567 $\pm$ 0.022 χ^2 /NDF: 678463.6/24

Right Out: 158.516 $\pm$ 0.084 χ^2 /NDF: 183040.7/19

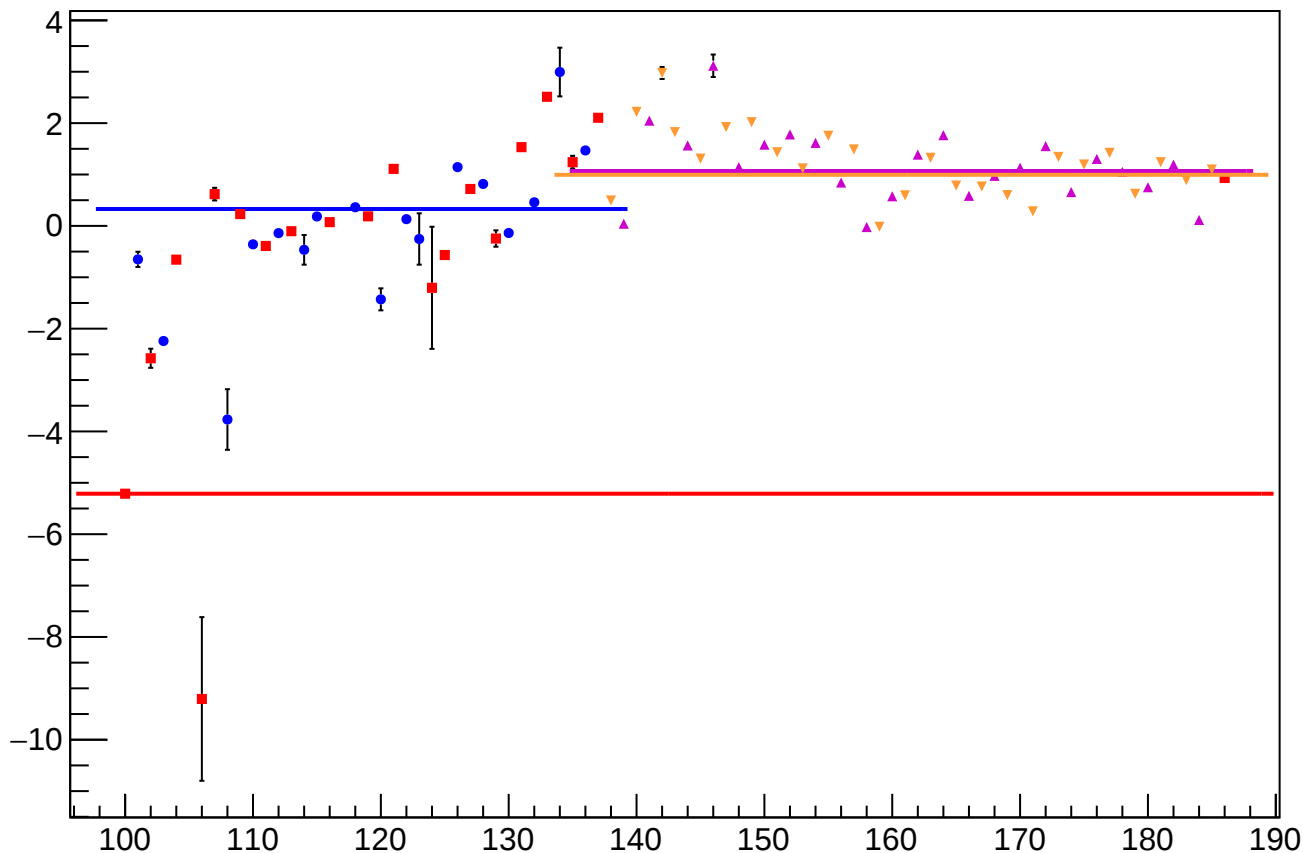
Left In: 107.162 $\pm$ 0.020 χ^2 /NDF: 786041.1/22

+ sign 232.747 $\pm$ 0.000 χ^2 /NDF: 33051680.3/41

All: 232.747 $\pm$ 0.000 χ^2 /NDF: 75493305.4/84

- sign 109.818 $\pm$ 0.019 χ^2 /NDF: 1320937.6/42

dit_sam1_4aX_slope vs Slug



Right In: 0.329 ± 0.013 $\chi^2/\text{NDF}: 4100.2/16$

Left Out: 0.994 ± 0.007 $\chi^2/\text{NDF}: 6460.8/24$

Right Out: -5.212 ± 0.000 $\chi^2/\text{NDF}: 511664.6/19$

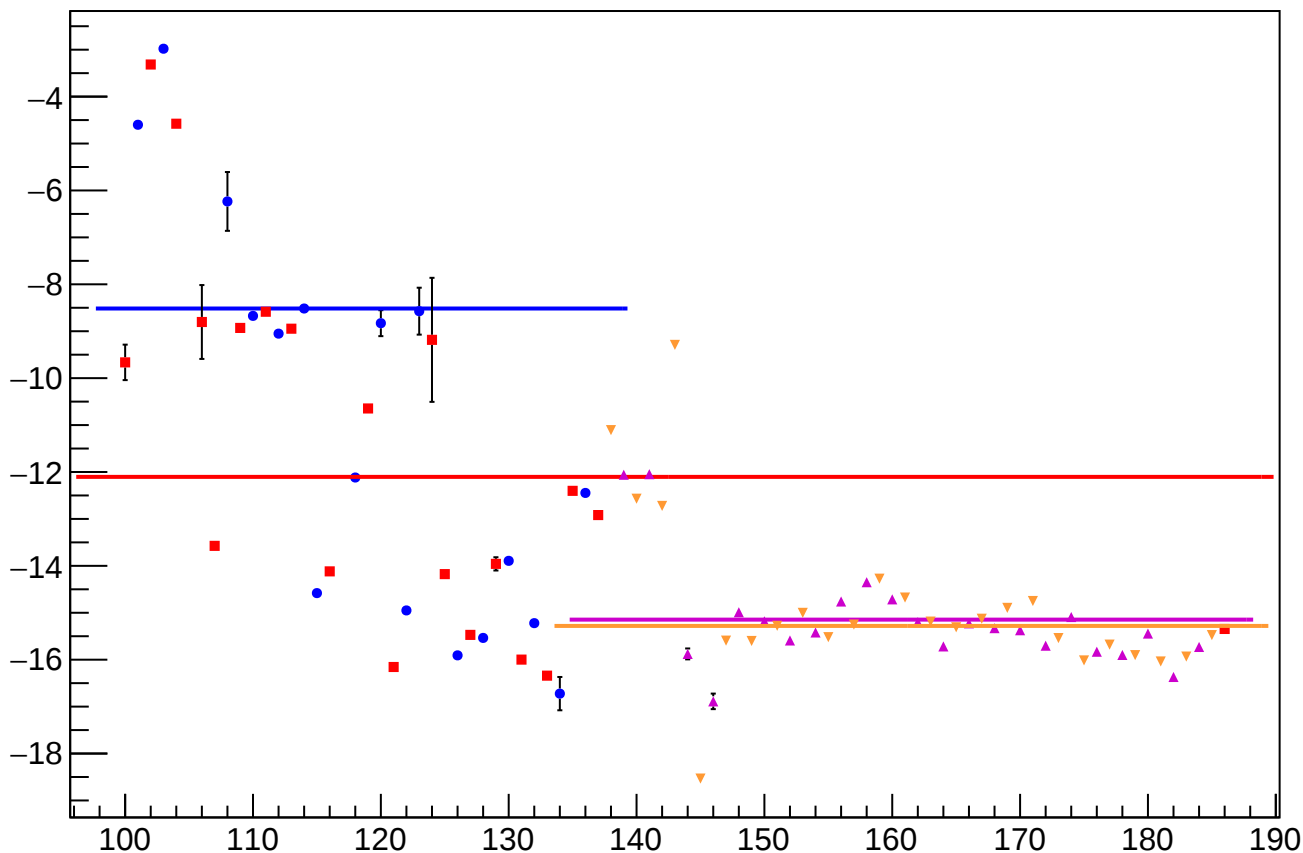
Left In: 1.068 ± 0.006 $\chi^2/\text{NDF}: 7383.3/22$

+ sign 0.851 ± 0.006 $\chi^2/\text{NDF}: 12663.3/41$

All: -5.212 ± 0.000 $\chi^2/\text{NDF}: 2505106.2/84$

- sign -5.212 ± 0.000 $\chi^2/\text{NDF}: 1461592.8/42$

dit_sam1_4eX_slope vs Slug



Right In: -8.516 ± 0.000 χ^2/NDF : 245356.0/16

Left Out: -15.280 ± 0.005 χ^2/NDF : 40352.7/24

Right Out: -12.104 ± 0.011 χ^2/NDF : 119516.9/19

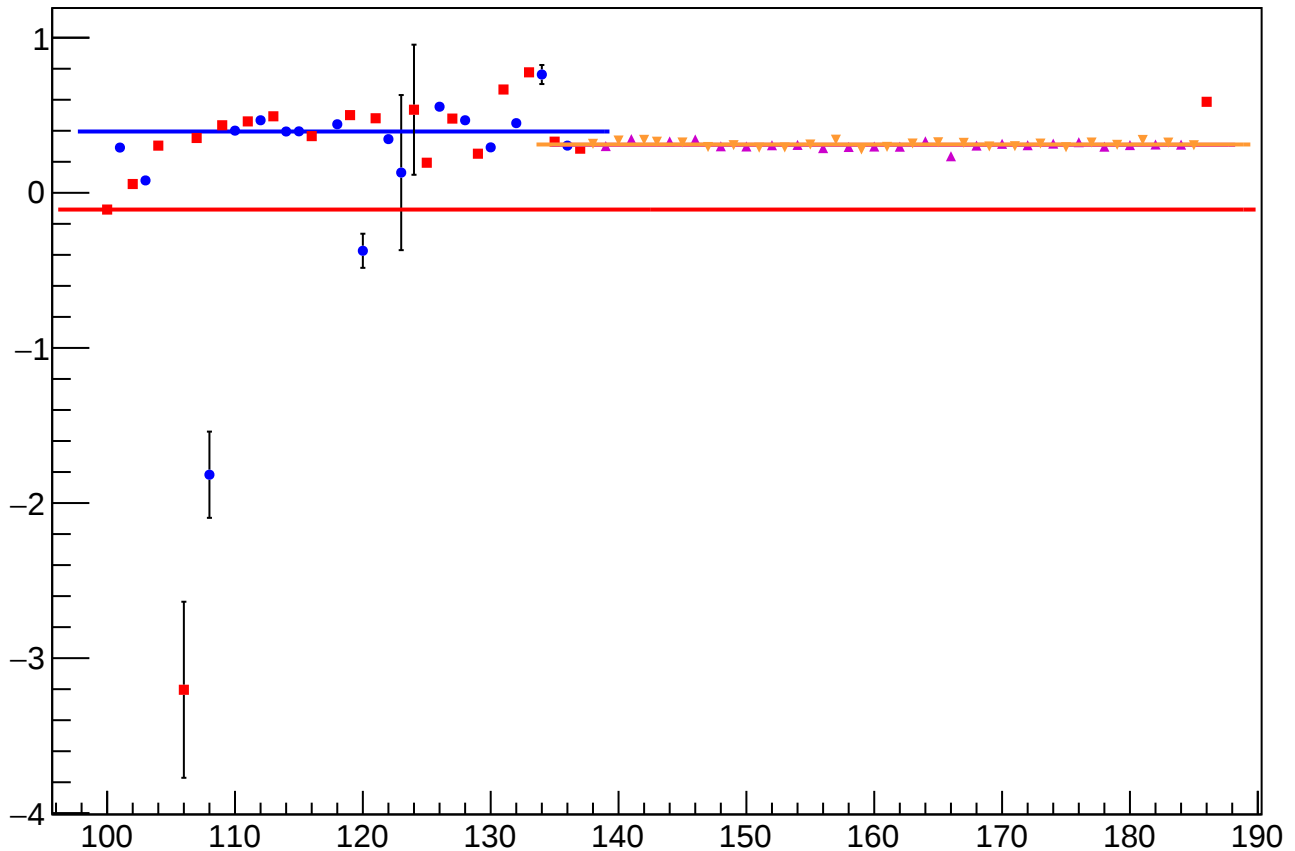
Left In: -15.146 ± 0.006 χ^2/NDF : 15634.6/22

+ sign -8.516 ± 0.000 χ^2/NDF : 1861993.4/41

All: -8.516 ± 0.000 χ^2/NDF : 3418740.8/84

- sign -14.479 ± 0.005 χ^2/NDF : 195790.1/42

dit_sam1_11X12X_slope vs Slug



Right In: 0.395 ± 0.000 χ^2/NDF : 10311.3/16

Left Out: 0.312 ± 0.000 χ^2/NDF : 5312.5/24

Right Out: -0.108 ± 0.000 χ^2/NDF : 130257.3/19

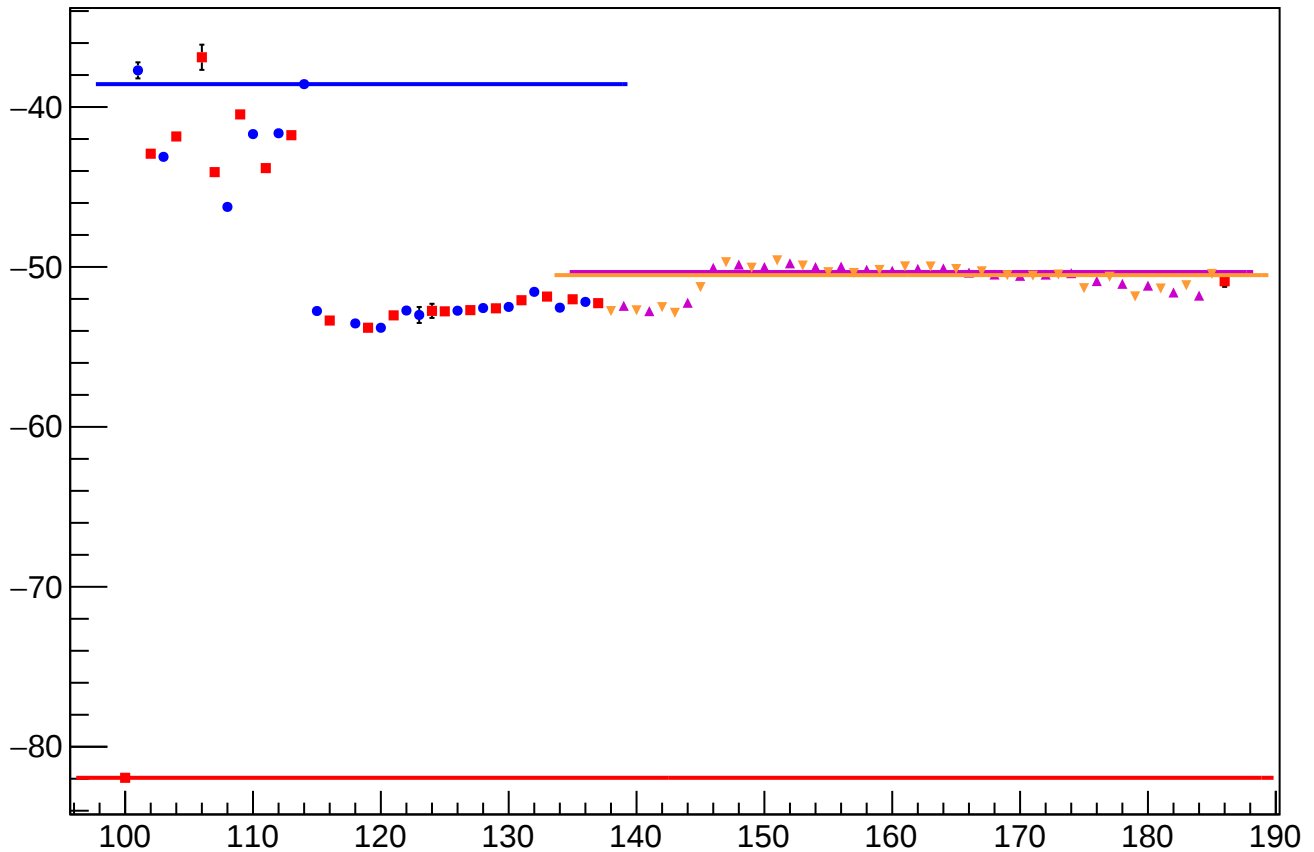
Left In: 0.309 ± 0.000 χ^2/NDF : 2994.1/22

+ sign 0.395 ± 0.000 χ^2/NDF : 159756.9/41

All: -0.056 ± 0.000 χ^2/NDF : 8110213490538

- sign -0.108 ± 0.000 χ^2/NDF : 3429955.3/42

dit_sam1_4aY_slope vs Slug



Right In: -38.570 ± 0.000 χ^2/NDF : 12311757.7/16

Left Out: -50.512 ± 0.001 χ^2/NDF : 289828.8/24

Right Out: -81.941 ± 0.000 χ^2/NDF : 120359462.5/19

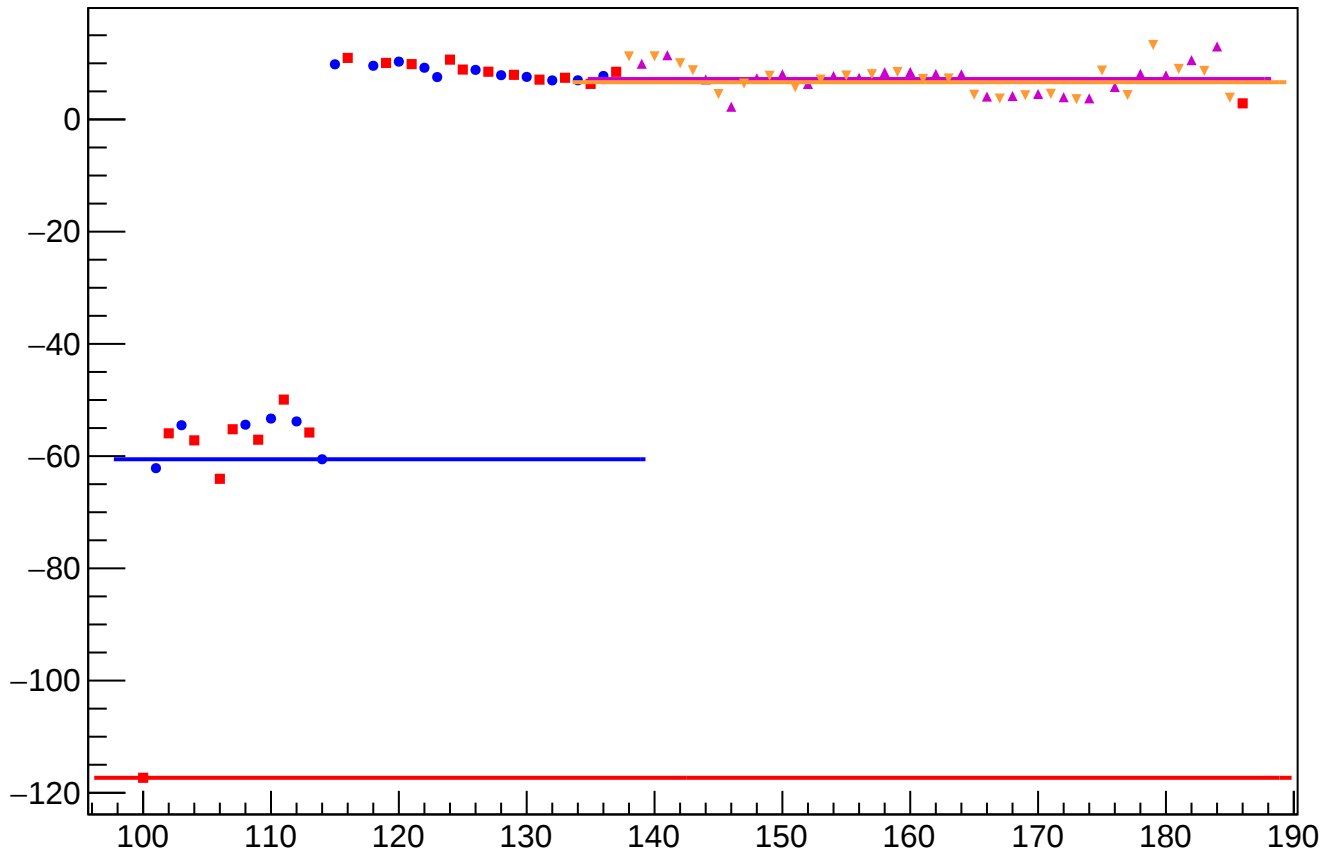
Left In: -50.317 ± 0.001 χ^2/NDF : 186234.6/22

+ sign -38.570 ± 0.000 χ^2/NDF : 81928359.6/41

All: -43.774 ± 0.000 χ^2/NDF : 491816286535

- sign -81.941 ± 0.000 χ^2/NDF : 724643078.3/42

dit_sam1_4eY_slope vs Slug



Right In: -60.561 ± 0.000 $\chi^2/\text{NDF}: 179199478.6/16$

Left Out: 6.637 ± 0.004 $\chi^2/\text{NDF}: 338489.5/24$

Right Out: -117.324 ± 0.000 $\chi^2/\text{NDF}: 218641479.6/19$

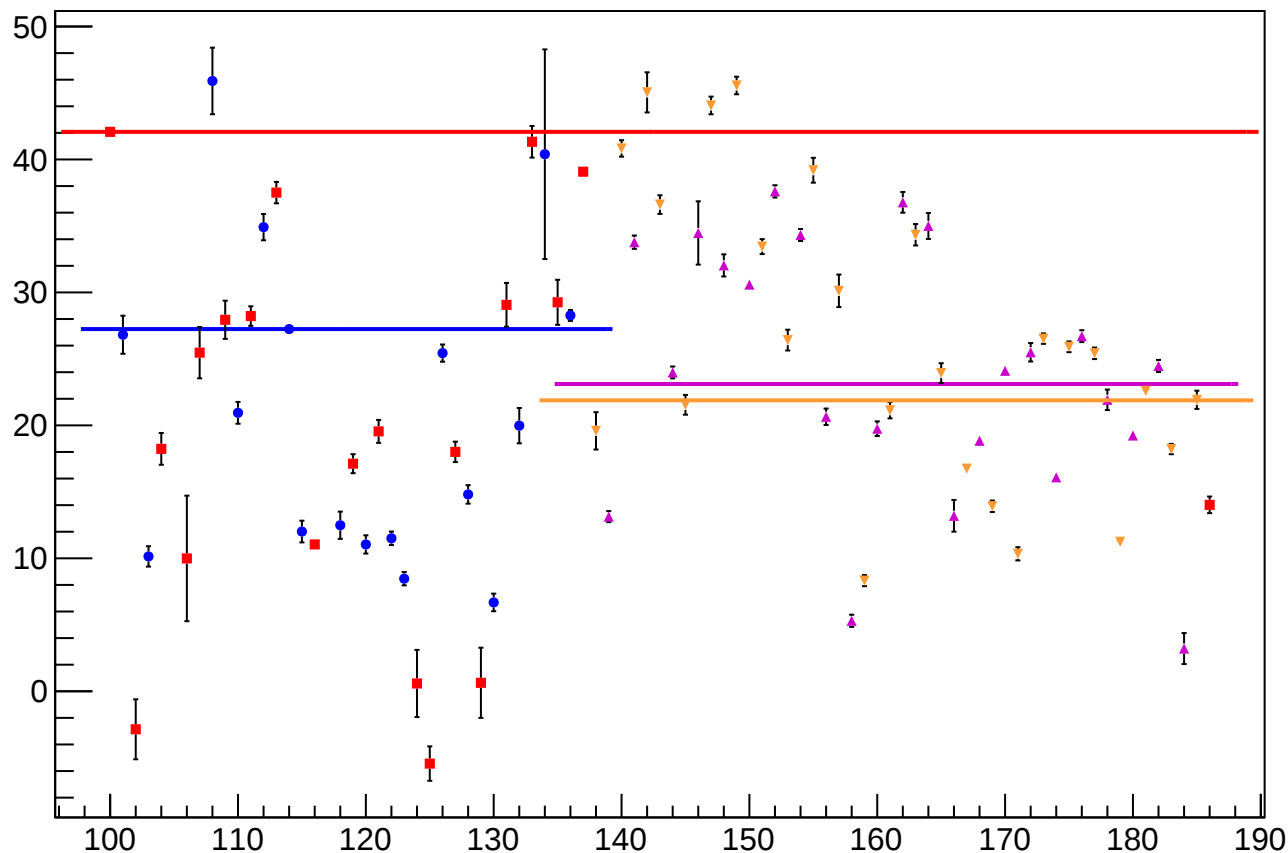
Left In: 7.199 ± 0.003 $\chi^2/\text{NDF}: 202969.6/22$

+ sign -60.561 ± 0.000 $\chi^2/\text{NDF}: 508619585.3/41$

All: -91.839 ± 0.000 $\chi^2/\text{NDF}: 429805156128$

- sign -117.324 ± 0.000 $\chi^2/\text{NDF}: 1513036905.8/42$

dit_sam2_4aX_slope vs Slug



Right In: 27.244 $\pm$ 0.000 χ^2 /NDF: 5492.1/16

Left Out: 21.883 $\pm$ 0.100 χ^2 /NDF: 8864.2/24

Right Out: 42.078 $\pm$ 0.000 χ^2 /NDF: 40232.5/19

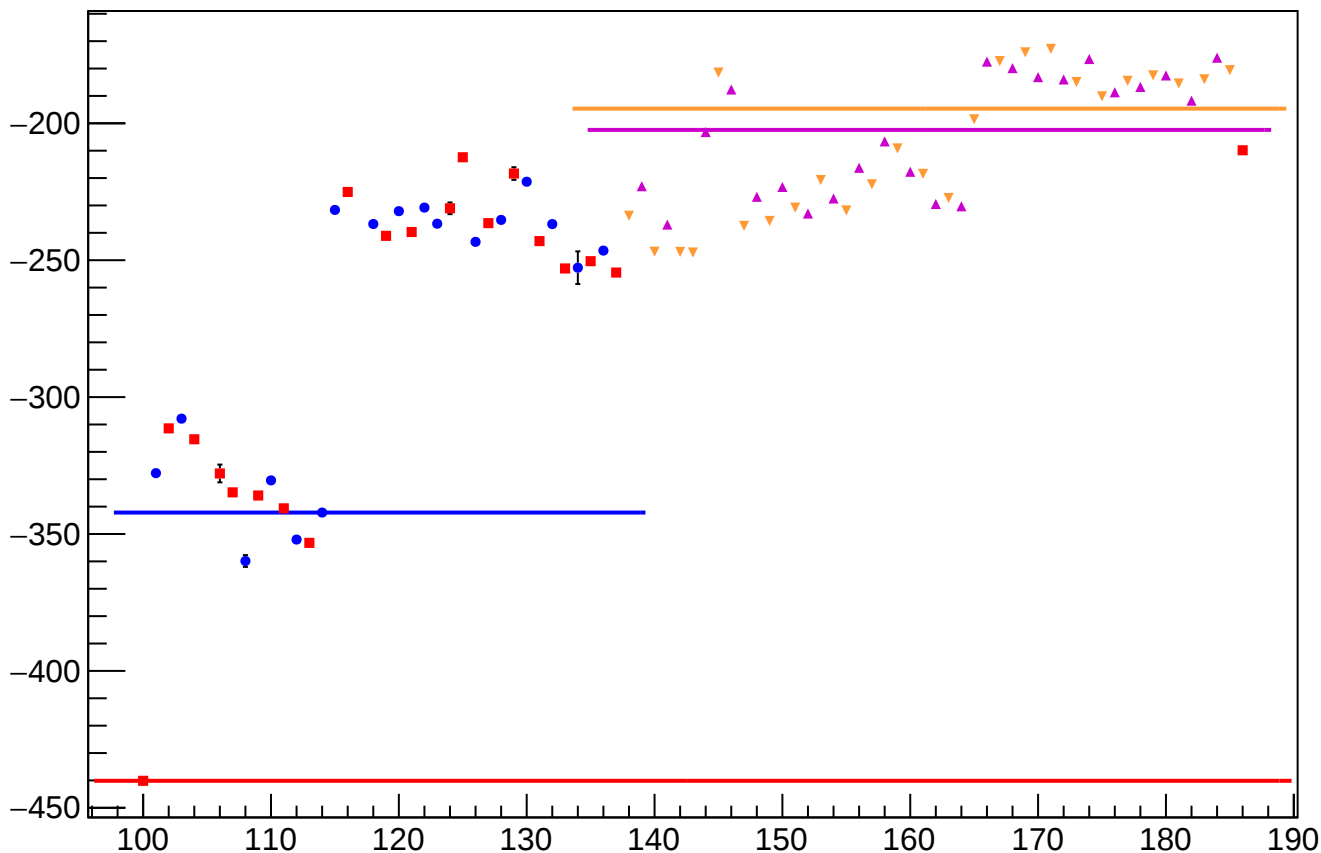
Left In: 23.111 $\pm$ 0.097 χ^2 /NDF: 6631.9/22

+ sign 27.244 $\pm$ 0.000 χ^2 /NDF: 17239.9/41

All: 35.418 $\pm$ 0.000 χ^2 /NDF: 117411719760

- sign 42.078 $\pm$ 0.000 χ^2 /NDF: 85011.3/42

dit_sam2_4eX_slope vs Slug



Right In: -342.165+/-0.000 χ^2 /NDF: 307562.3/16

Left Out: -194.642+/-0.083 χ^2 /NDF: 69633.8/24

Right Out: -440.136+/-0.000 χ^2 /NDF: 7136439.6/19

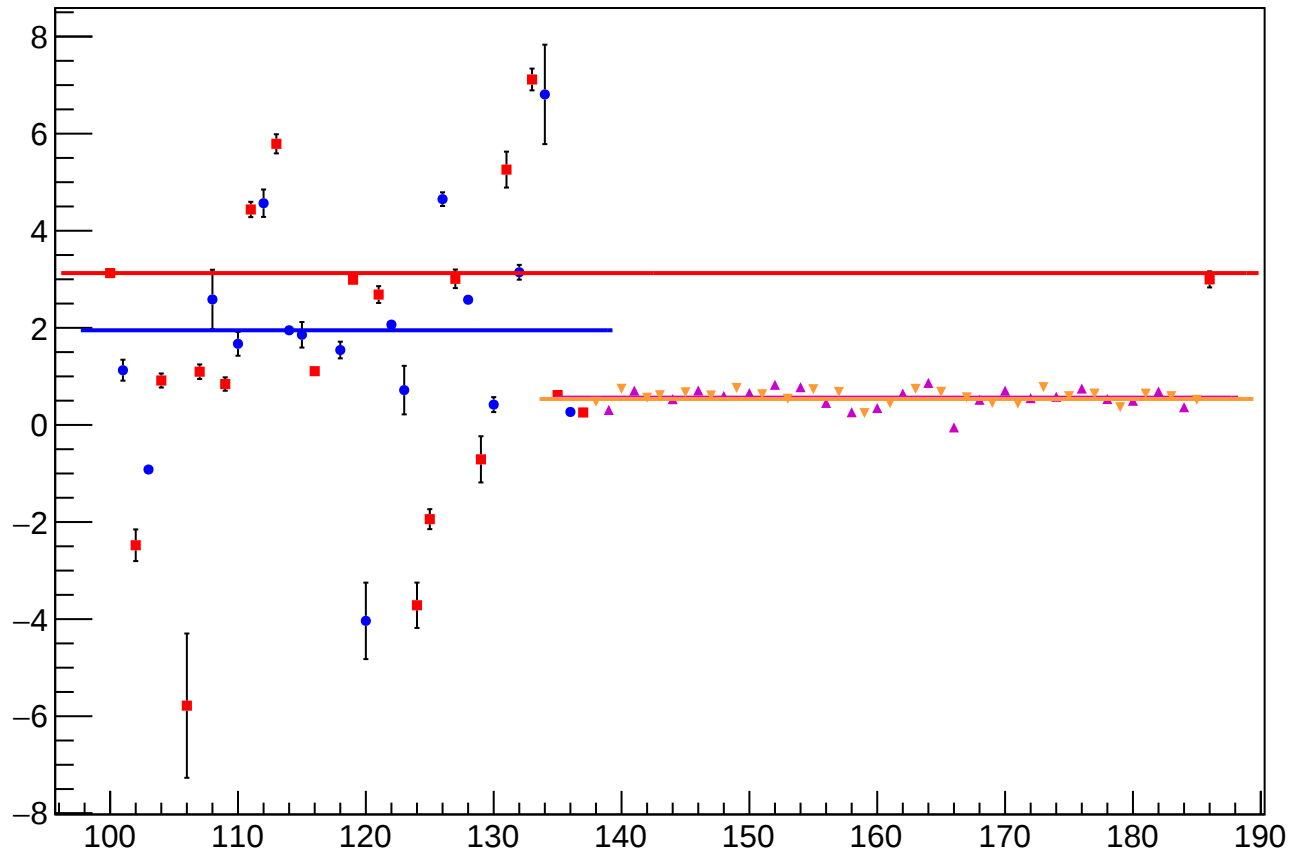
Left In: -202.410+/-0.086 χ^2 /NDF: 63292.5/22

+ sign -342.165+/-0.000 χ^2 /NDF: 3508420.8/41

All: -376.743+/-0.000 χ^2 /NDF: 11532667116

- sign -440.136+/-0.000 χ^2 /NDF: 14870269.0/42

dit_sam2_11X12X_slope vs Slug



Right In: 1.950 ± 0.000 χ^2/NDF : 64103.9/16

Left Out: 0.535 ± 0.002 χ^2/NDF : 10952.3/24

Right Out: 3.128 ± 0.000 χ^2/NDF : 24966.1/19

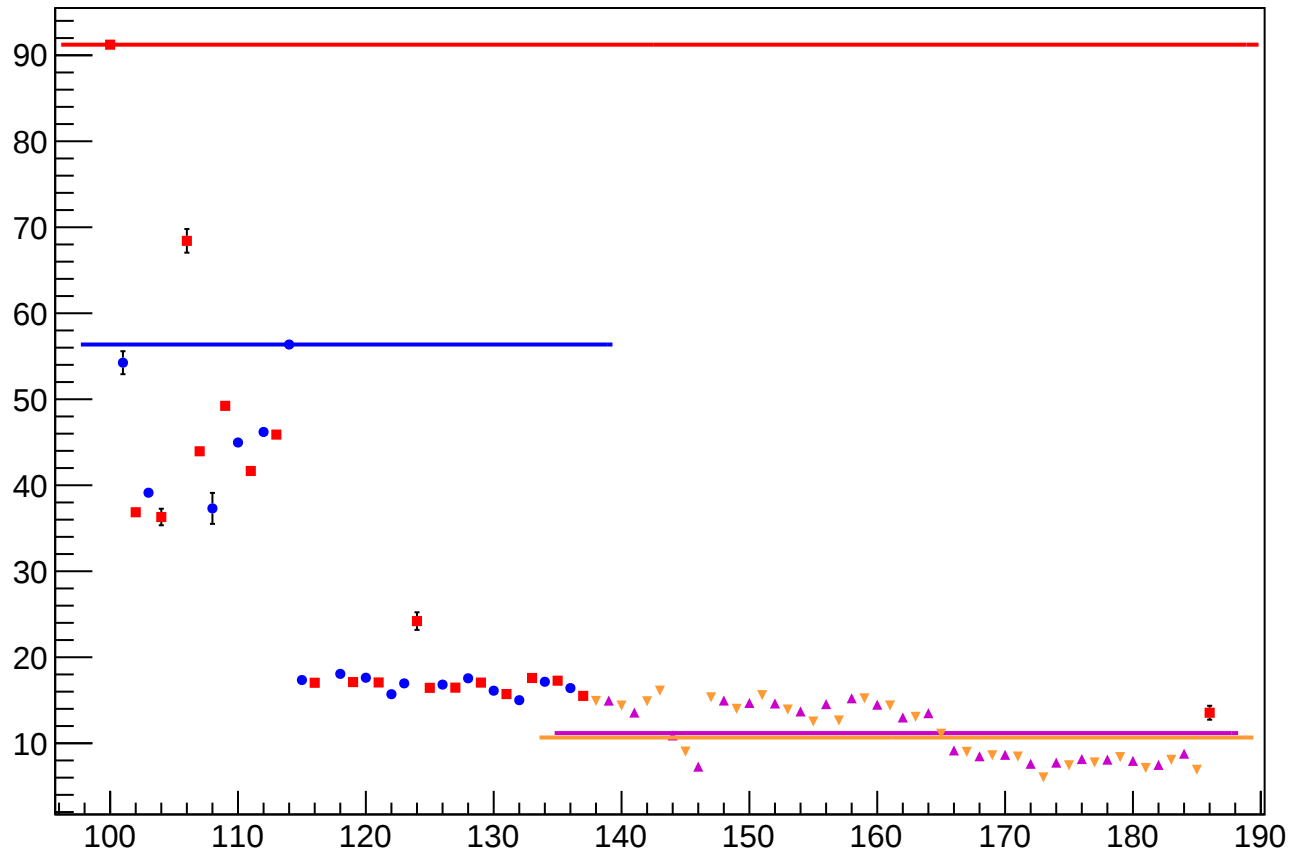
Left In: 0.562 ± 0.001 χ^2/NDF : 16291.7/22

+ sign 1.950 ± 0.000 χ^2/NDF : 824001.3/41

All: 2.366 ± 0.000 χ^2/NDF : 27324586822992

- sign 3.128 ± 0.000 χ^2/NDF : 3191050.5/42

dit_sam2_4aY_slope vs Slug



Right In: 56.366+/-0.000 χ^2/NDF : 8017656.1/16

Left Out: 10.666+/-0.006 χ^2/NDF : 292197.2/24

Right Out: 91.232+/-0.000 χ^2/NDF : 17931605.5/19

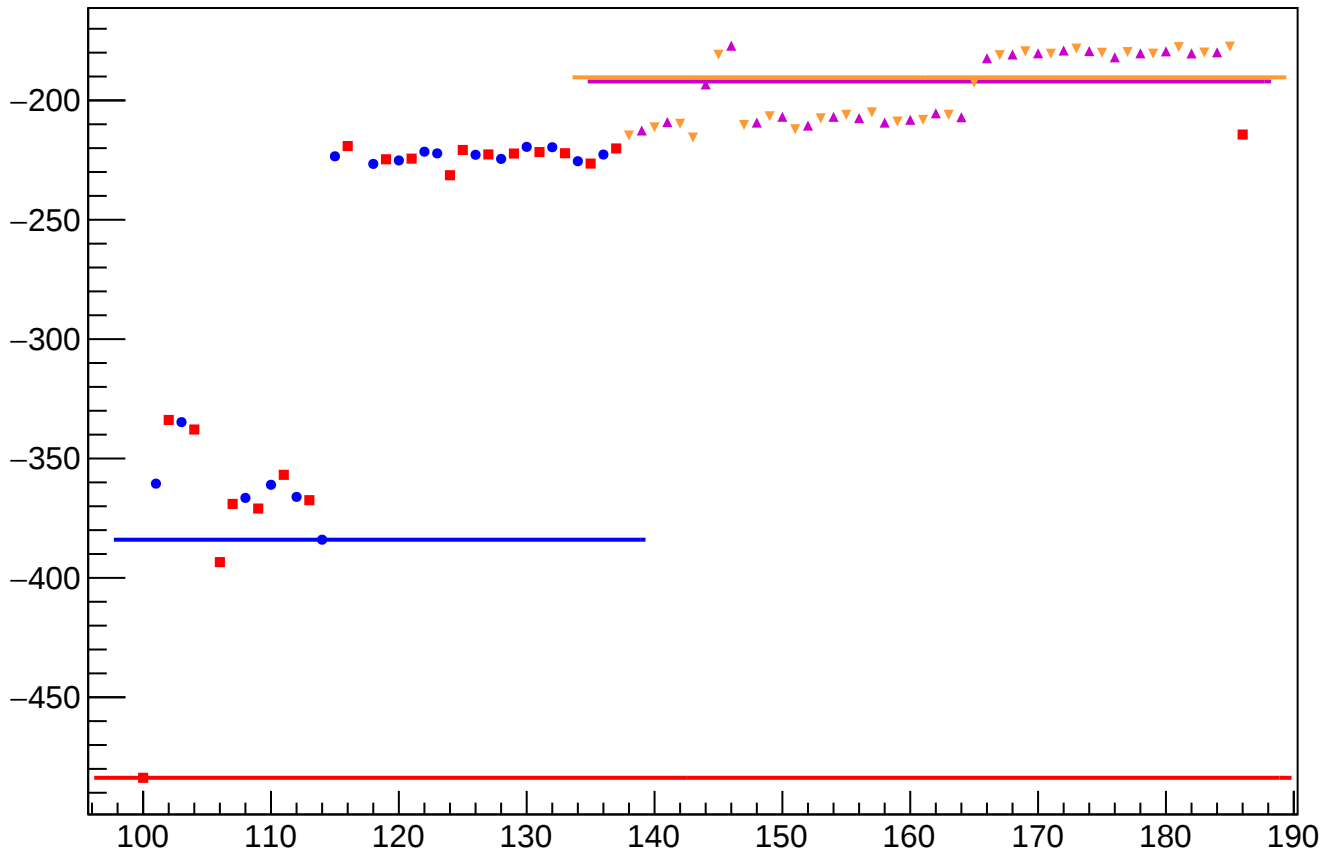
Left In: 11.184+/-0.007 χ^2/NDF : 221112.8/22

+ sign 56.366+/-0.000 χ^2/NDF : 58363426.0/41

All: 60.550+/-0.000 χ^2/NDF : 3178336126771

- sign 91.232+/-0.000 χ^2/NDF : 160208907.5/42

dit_sam2_4eY_slope vs Slug



Right In: -384.003 ± 0.000 $\chi^2/\text{NDF}: 17098507.2/16$

Left Out: -190.350 ± 0.012 $\chi^2/\text{NDF}: 1508382.7/24$

+ sign -384.003 ± 0.000 $\chi^2/\text{NDF}: 298505877.6/41$

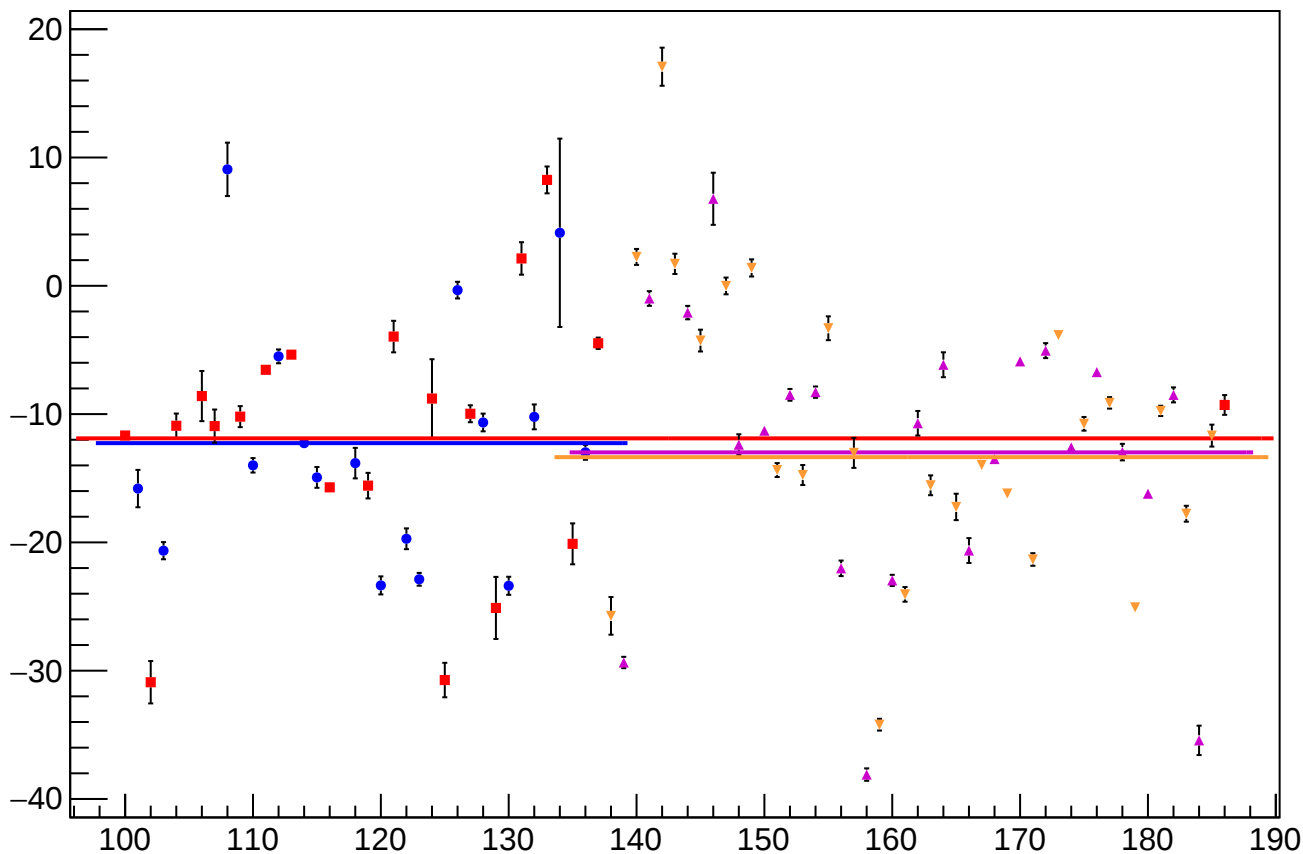
Right Out: -483.735 ± 0.000 $\chi^2/\text{NDF}: 27735202.9/19$

All: -452.390 ± 0.000 $\chi^2/\text{NDF}: 58047820362$

Left In: -192.086 ± 0.012 $\chi^2/\text{NDF}: 1430161.9/22$

- sign -483.735 ± 0.000 $\chi^2/\text{NDF}: 660808617.8/42$

dit_sam3_4aX_slope vs Slug



Right In: -12.264 ± 0.000 χ^2/NDF : 1844.2/16

Left Out: -13.356 ± 0.109 χ^2/NDF : 7255.1/24

Right Out: -11.892 ± 0.107 χ^2/NDF : 2538.8/19

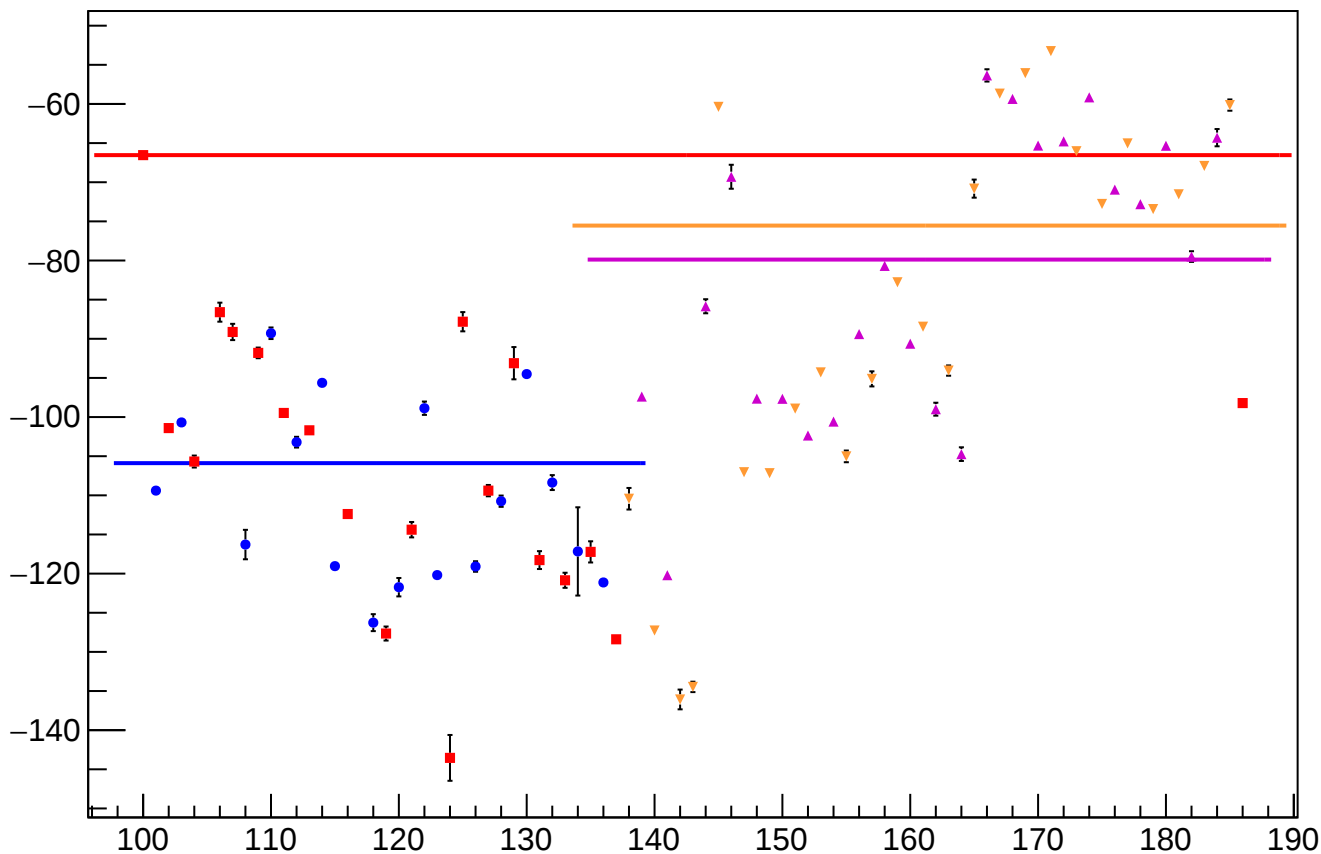
Left In: -12.982 ± 0.099 χ^2/NDF : 7714.4/22

+ sign -12.264 ± 0.000 χ^2/NDF : 9200.6/41

All: -12.264 ± 0.000 χ^2/NDF : 19518.4/84

- sign -12.478 ± 0.073 χ^2/NDF : 10309.1/42

dit_sam3_4eX_slope vs Slug



Right In: -105.886 ± 0.108 χ^2/NDF : 6351.6/16

Left Out: -75.538 ± 0.085 χ^2/NDF : 52728.0/24

Right Out: -66.536 ± 0.000 χ^2/NDF : 802257.0/19

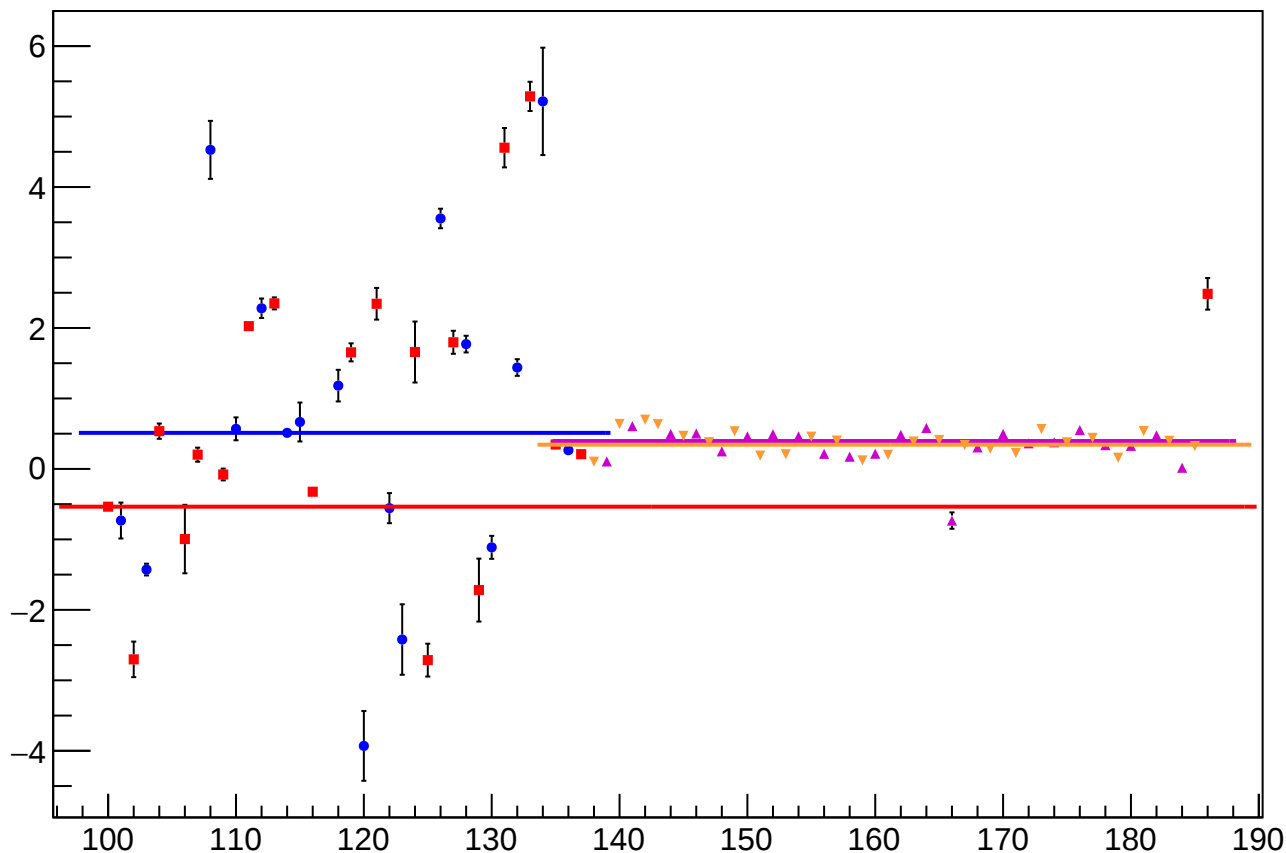
Left In: -79.882 ± 0.086 χ^2/NDF : 44553.2/22

+ sign -87.273 ± 0.067 χ^2/NDF : 107938.9/41

All: -66.536 ± 0.000 χ^2/NDF : 1075199.4/84

- sign -66.536 ± 0.000 χ^2/NDF : 871076.2/42

dit_sam3_11X12X_slope vs Slug



Right In: 0.512 ± 0.000 $\chi^2/\text{NDF}: 3863.6/16$

Left Out: 0.344 ± 0.002 $\chi^2/\text{NDF}: 10242.3/24$

Right Out: -0.536 ± 0.000 $\chi^2/\text{NDF}: 33236.7/19$

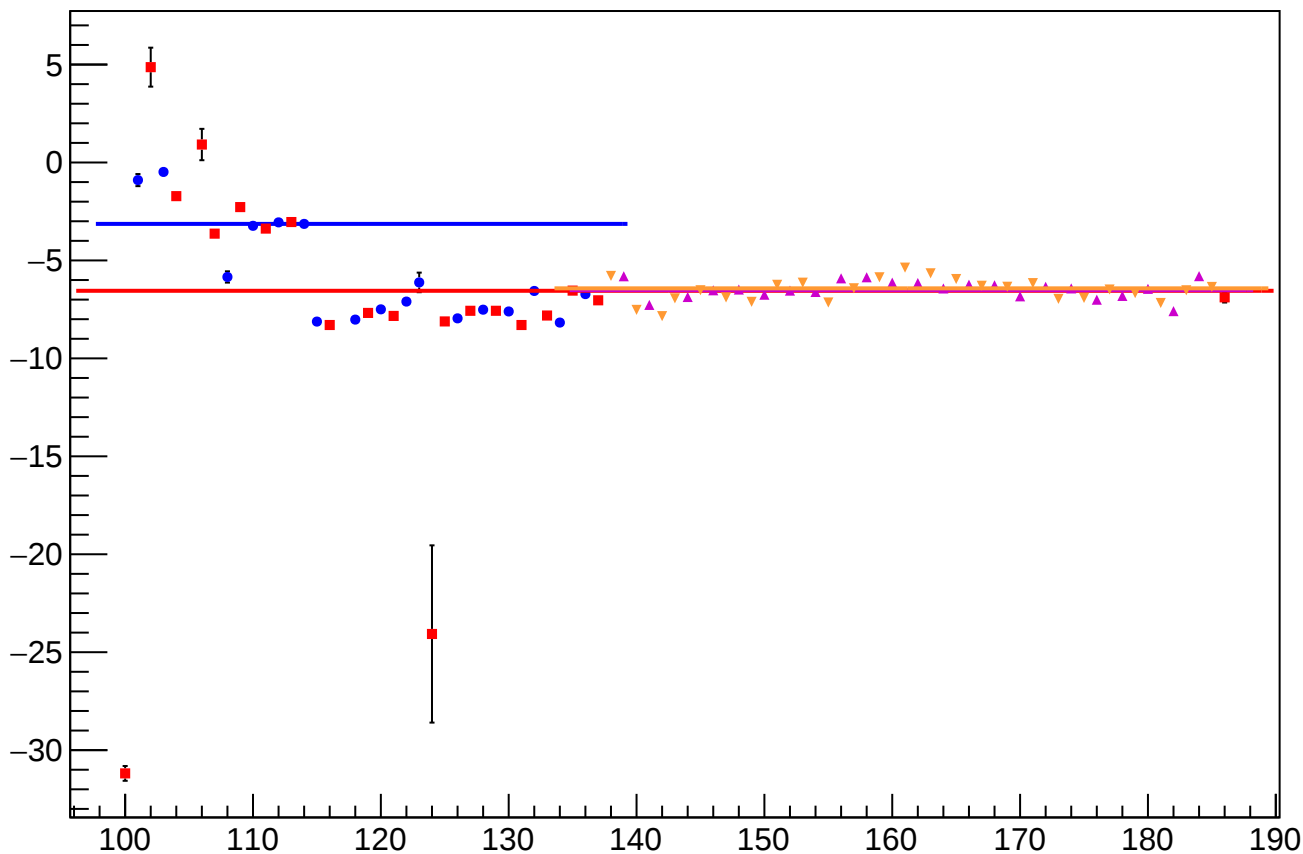
Left In: 0.396 ± 0.001 $\chi^2/\text{NDF}: 10440.9/22$

+ sign 0.512 ± 0.000 $\chi^2/\text{NDF}: 24450.9/41$

All: 0.142 ± 0.000 $\chi^2/\text{NDF}: 34560328403056$

- sign -0.536 ± 0.000 $\chi^2/\text{NDF}: 454946.2/42$

dit_sam3_4aY_slope vs Slug



Right In: -3.134 ± 0.000 χ^2/NDF : 368547.6/16

Left Out: -6.425 ± 0.005 χ^2/NDF : 7292.7/24

Right Out: -6.550 ± 0.008 χ^2/NDF : 92208.9/19

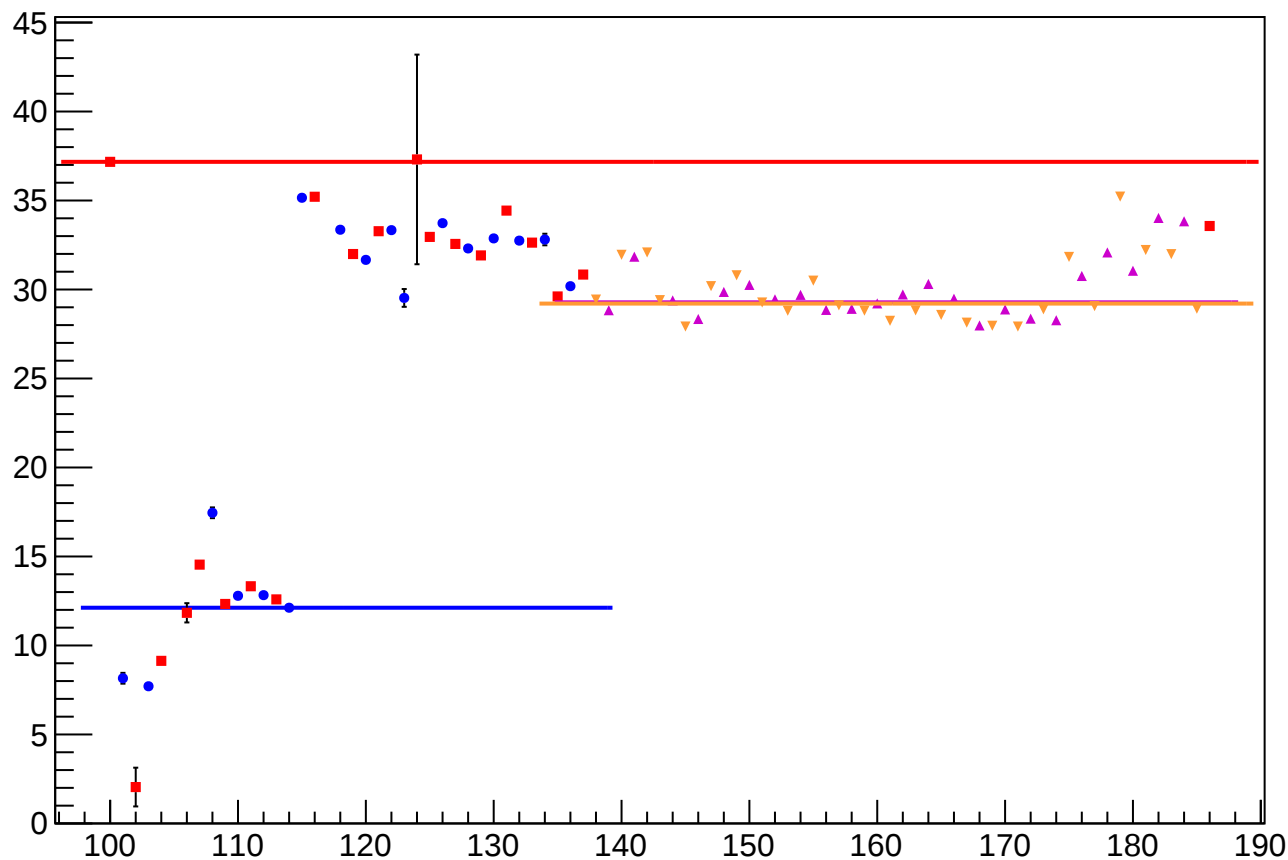
Left In: -6.517 ± 0.005 χ^2/NDF : 7083.8/22

+ sign -3.134 ± 0.000 χ^2/NDF : 836202.9/41

All: -3.134 ± 0.000 χ^2/NDF : 1680363.9/84

- sign -6.526 ± 0.004 χ^2/NDF : 99306.4/42

dit_sam3_4eY_slope vs Slug



Right In: 12.121+/-0.000 χ^2/NDF : 1993680.8/16

Left Out: 29.209+/-0.008 χ^2/NDF : 40106.9/24

Right Out: 37.173+/-0.000 χ^2/NDF : 1531491.4/19

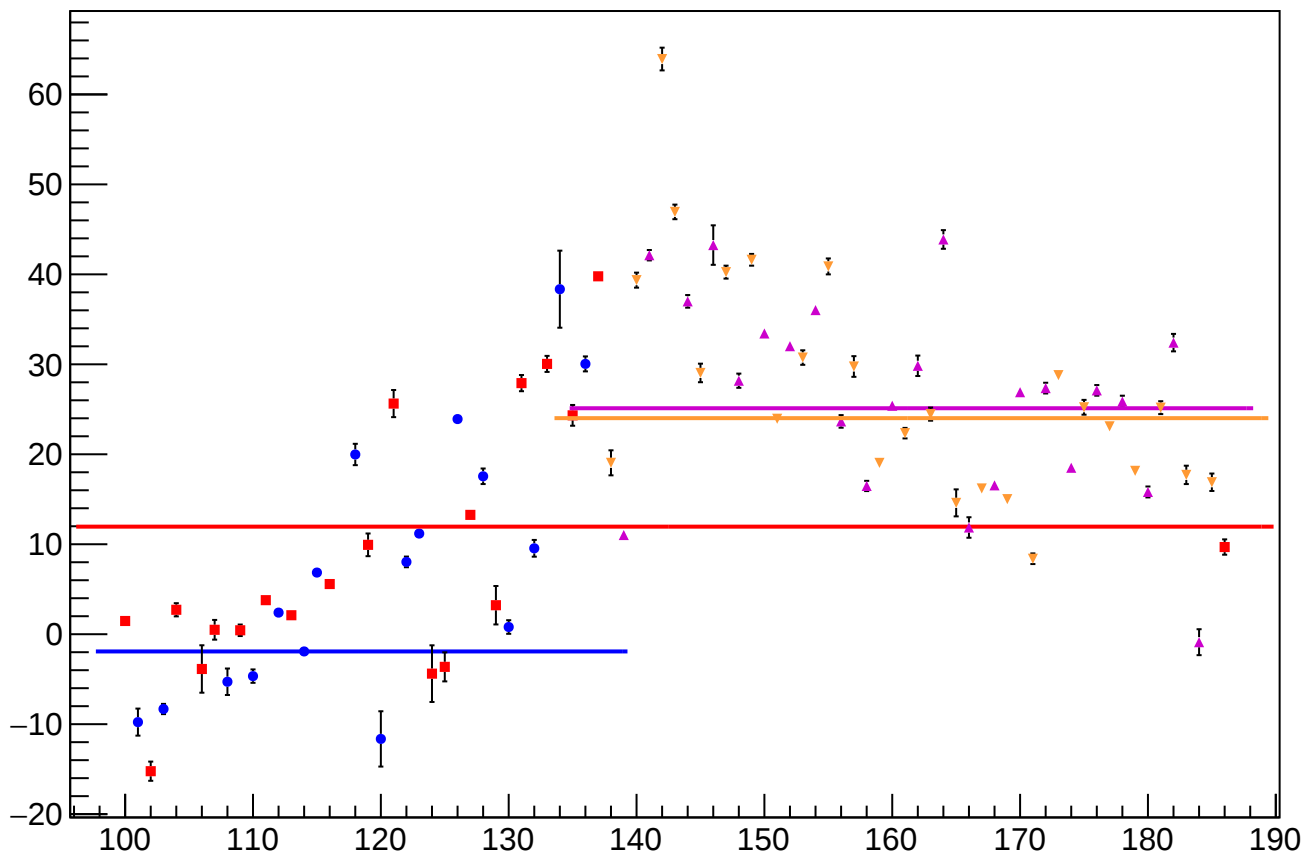
Left In: 29.281+/-0.008 χ^2/NDF : 12436.8/22

+ sign 12.121+/-0.000 χ^2/NDF : 6218455.7/41

All: 15.127+/-0.000 χ^2/NDF : 656355411606

- sign 37.173+/-0.000 χ^2/NDF : 2424284.9/42

dit_sam4_4aX_slope vs Slug



Right In: -1.915 ± 0.000 χ^2/NDF : 6338.8/16

Left Out: 24.016 ± 0.127 χ^2/NDF : 6048.5/24

Right Out: 11.957 ± 0.133 χ^2/NDF : 12583.4/19

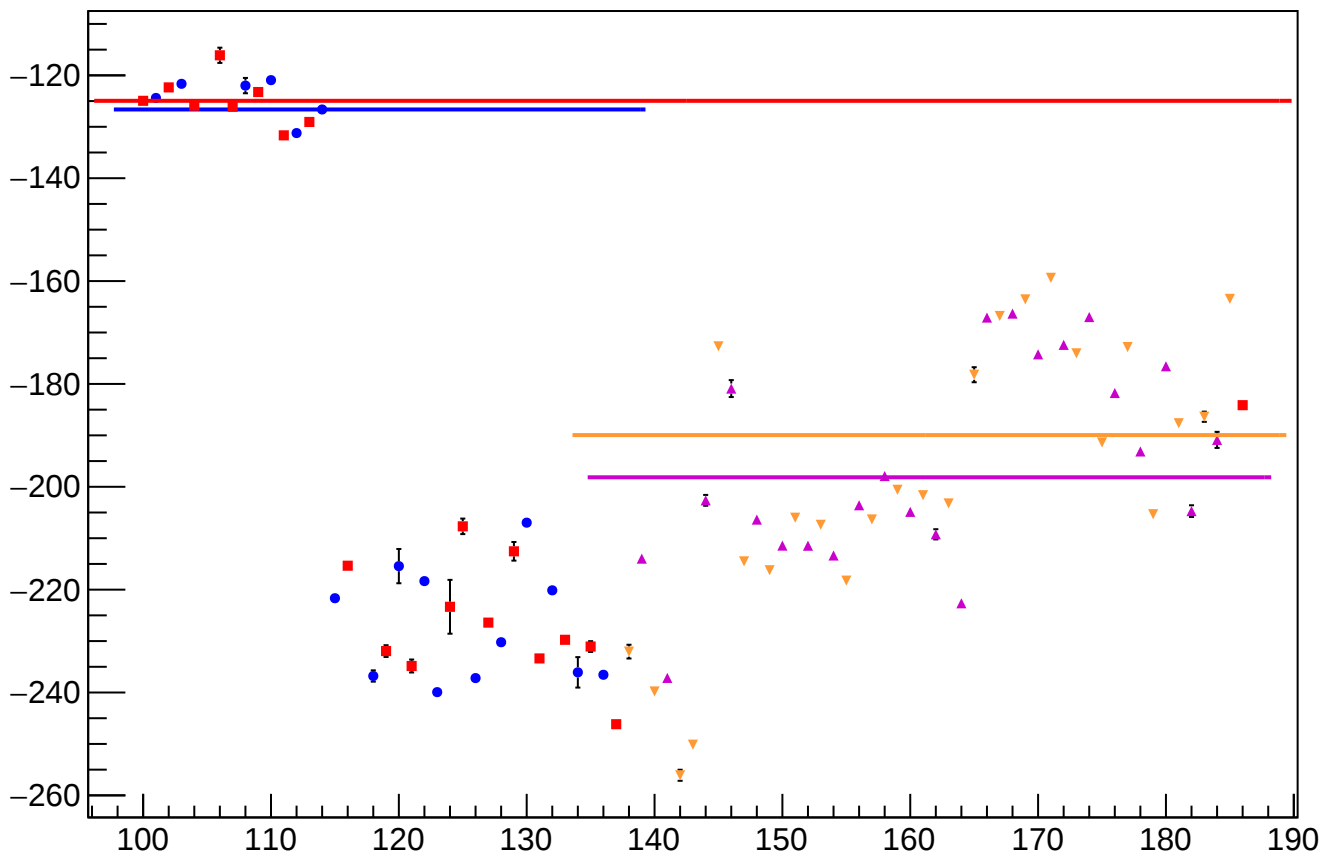
Left In: 25.118 ± 0.113 χ^2/NDF : 6448.8/22

+ sign -1.915 ± 0.000 χ^2/NDF : 54295.3/41

All: -1.915 ± 0.000 χ^2/NDF : 141145.0/84

- sign 19.612 ± 0.086 χ^2/NDF : 24685.9/42

dit_sam4_4eX_slope vs Slug



Right In: -126.632 ± 0.000 $\chi^2/\text{NDF}: 278525.1/16$

Left Out: -189.945 ± 0.103 $\chi^2/\text{NDF}: 51065.8/24$

Right Out: -124.949 ± 0.000 $\chi^2/\text{NDF}: 504692.4/19$

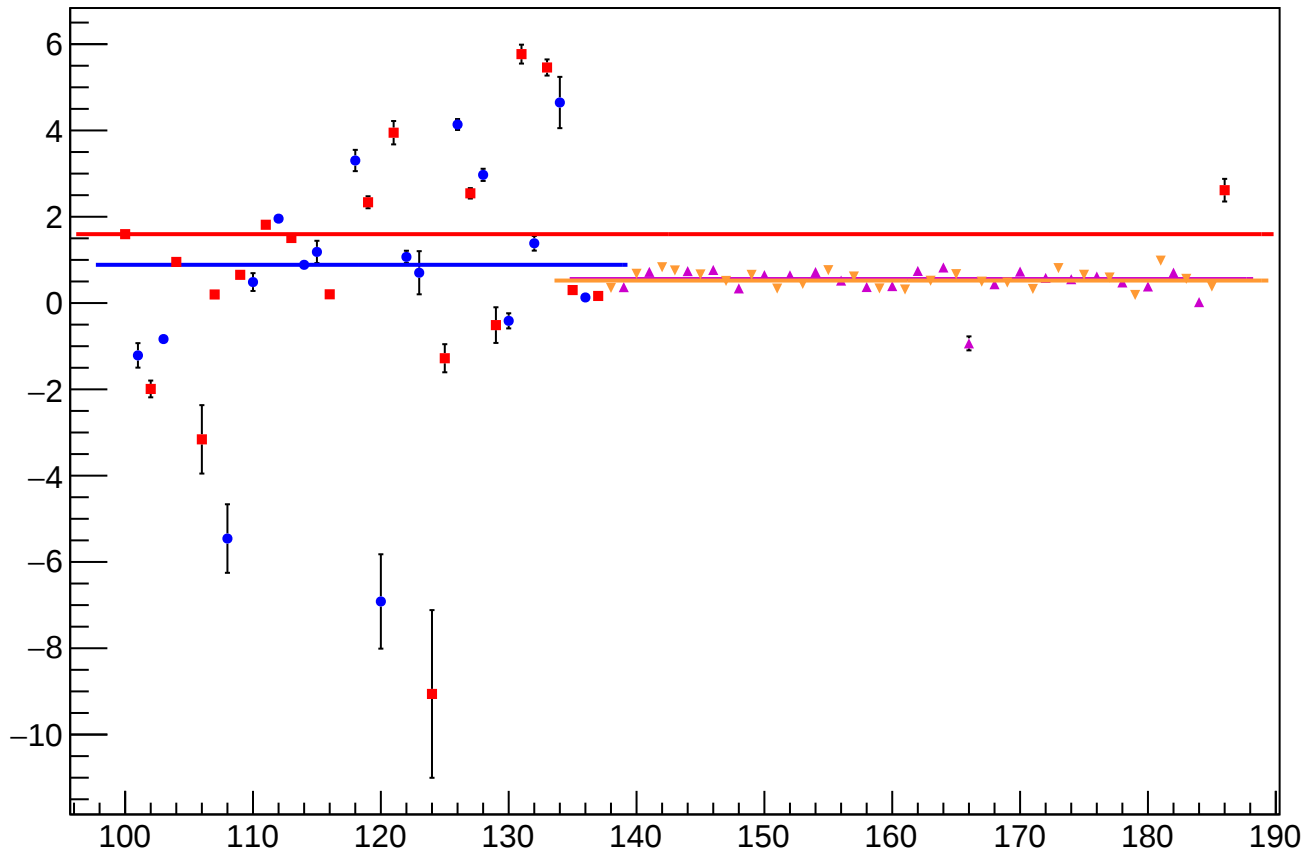
Left In: -198.153 ± 0.098 $\chi^2/\text{NDF}: 42045.5/22$

+ sign -126.632 ± 0.000 $\chi^2/\text{NDF}: 709600.8/41$

All: -126.038 ± 0.000 $\chi^2/\text{NDF}: 60537895424$

- sign -124.949 ± 0.000 $\chi^2/\text{NDF}: 1099233.2/42$

dit_sam4_11X12X_slope vs Slug



Right In: 0.886 ± 0.000 $\chi^2/\text{NDF}: 9294.4/16$

Left Out: 0.522 ± 0.002 $\chi^2/\text{NDF}: 8701.1/24$

Right Out: 1.597 ± 0.000 $\chi^2/\text{NDF}: 4630.5/19$

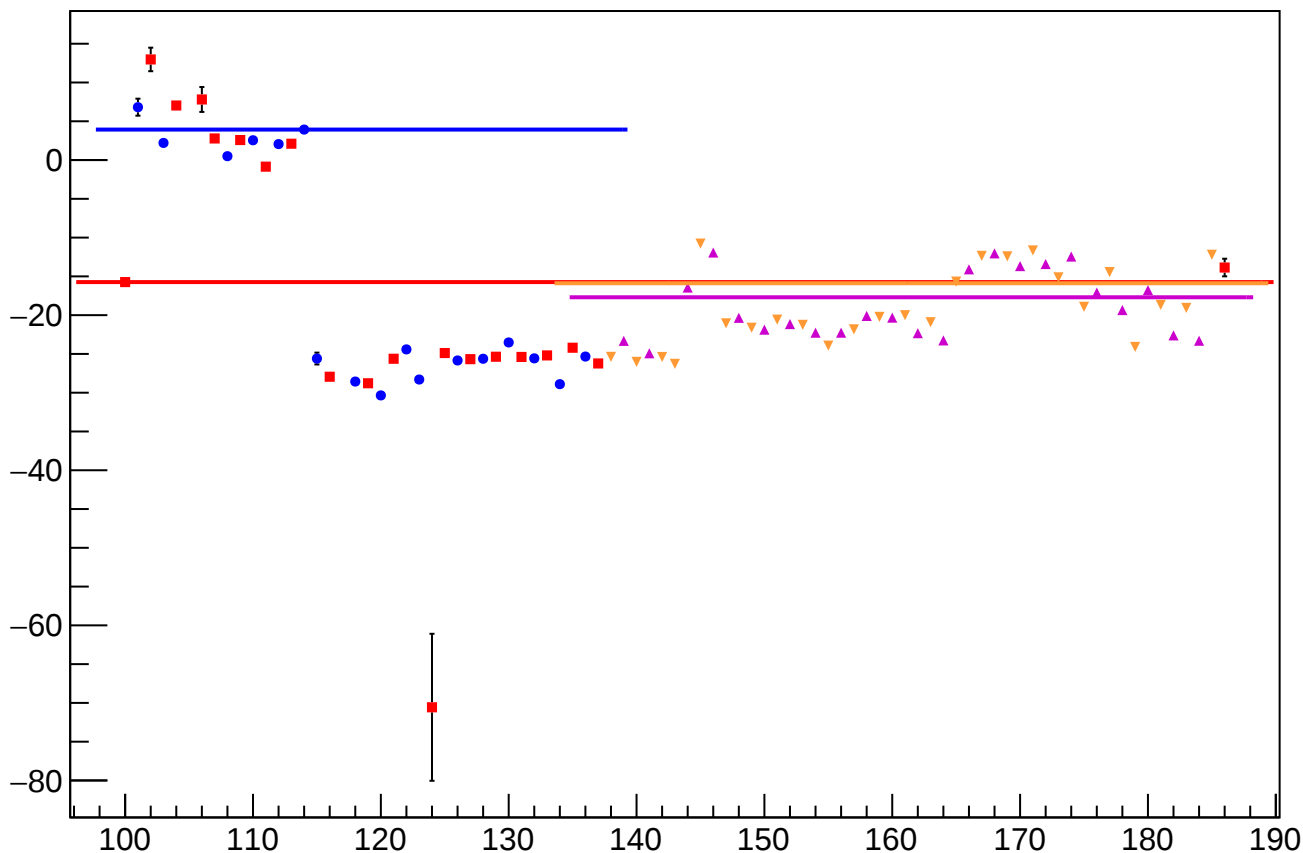
Left In: 0.556 ± 0.002 $\chi^2/\text{NDF}: 5988.8/22$

+ sign 0.886 ± 0.000 $\chi^2/\text{NDF}: 50353.7/41$

All: 1.137 ± 0.000 $\chi^2/\text{NDF}: 39737604737084$

- sign 1.597 ± 0.000 $\chi^2/\text{NDF}: 299015.4/42$

dit_sam4_4aY_slope vs Slug



Right In: 3.930 $\pm$ 0.000 χ^2 /NDF: 6140834.2/16

Left Out: -15.887 $\pm$ 0.011 χ^2 /NDF: 185700.9/24

Right Out: -15.737 $\pm$ 0.000 χ^2 /NDF: 267953.9/19

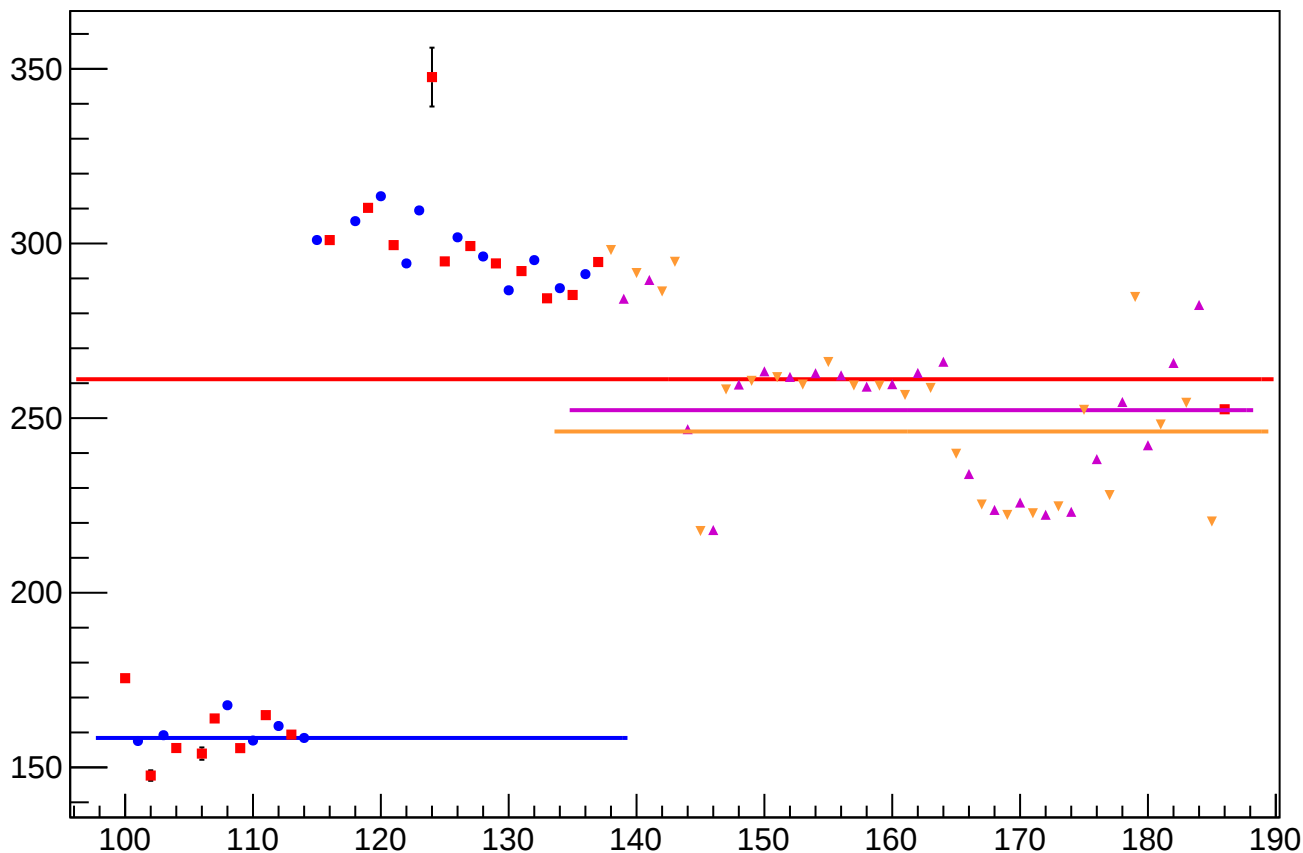
Left In: -17.695 $\pm$ 0.012 χ^2 /NDF: 121415.4/22

+ sign 3.930 $\pm$ 0.000 χ^2 /NDF: 9556719.6/41

All: 3.282 $\pm$ 0.000 χ^2 /NDF: 71120480173548

- sign -15.737 $\pm$ 0.000 χ^2 /NDF: 417367.2/42

dit_sam4_4eY_slope vs Slug



Right In: 158.426 $\pm$ 0.000 χ^2 /NDF: 3516706.2/16

Left Out: 246.173 $\pm$ 0.028 χ^2 /NDF: 710716.0/24

Right Out: 261.135 $\pm$ 0.058 χ^2 /NDF: 1071307.4/19

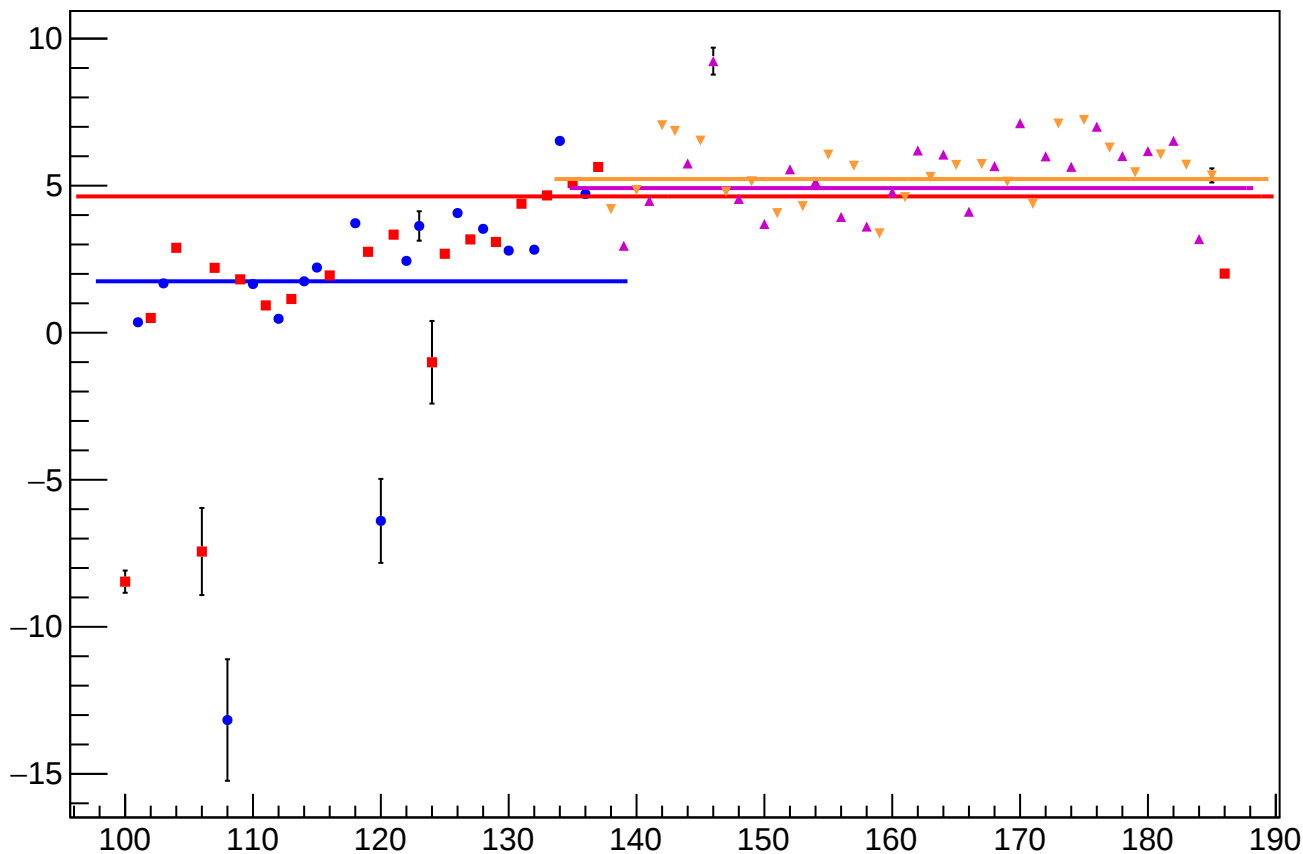
Left In: 252.278 $\pm$ 0.028 χ^2 /NDF: 359829.6/22

+ sign 158.426 $\pm$ 0.000 χ^2 /NDF: 13985121.2/41

All: 158.426 $\pm$ 0.000 χ^2 /NDF: 29409690.7/84

- sign 253.982 $\pm$ 0.026 χ^2 /NDF: 1449793.4/42

dit_sam5_4aX_slope vs Slug



Right In: 1.748 ± 0.000 χ^2/NDF : 11344.3/16

Left Out: 5.225 ± 0.014 χ^2/NDF : 4400.6/24

Right Out: 4.634 ± 0.006 χ^2/NDF : 69723.1/19

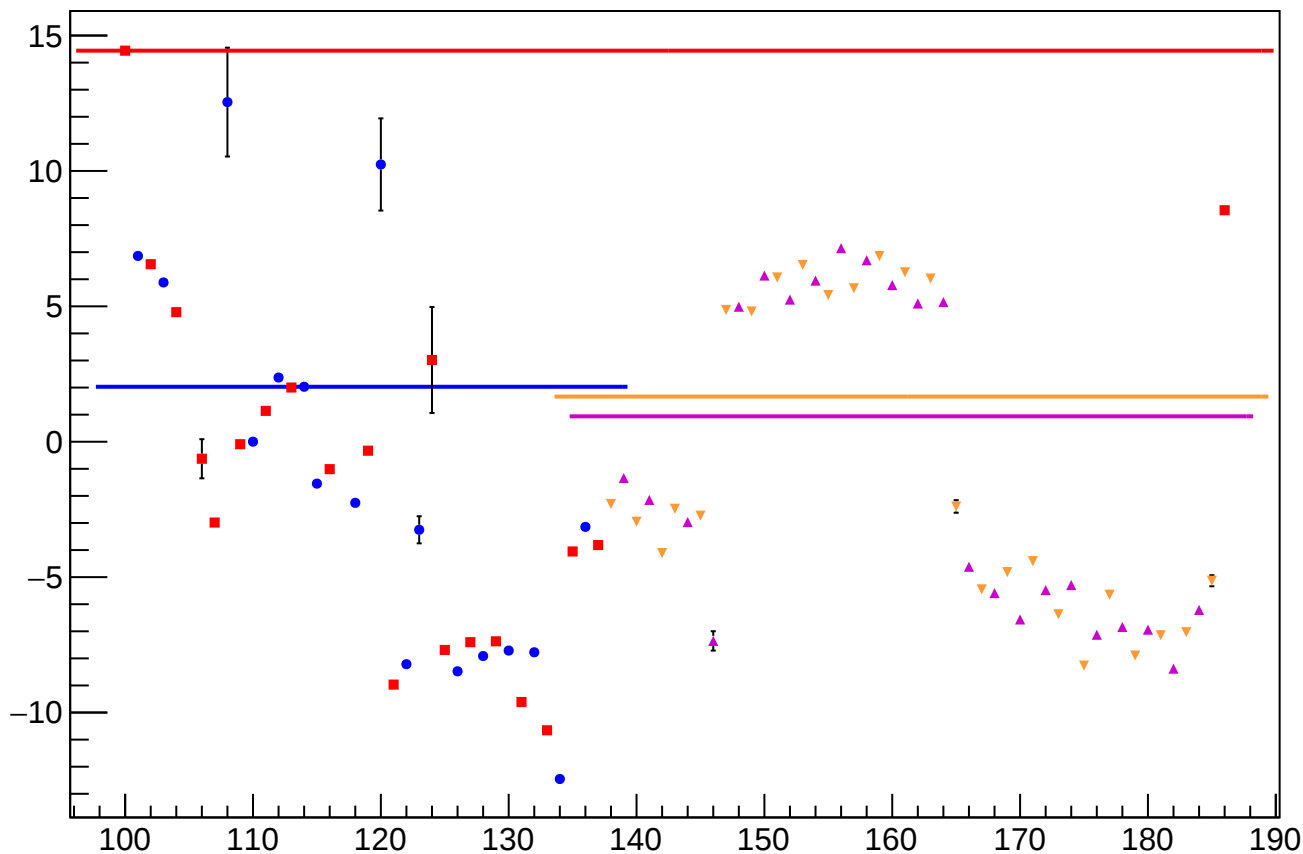
Left In: 4.917 ± 0.013 χ^2/NDF : 10749.9/22

+ sign 1.748 ± 0.000 χ^2/NDF : 80247.6/41

All: 1.748 ± 0.000 χ^2/NDF : 430176.7/84

- sign 4.690 ± 0.006 χ^2/NDF : 80868.1/42

dit_sam5_4eX_slope vs Slug



Right In: 2.030 $\pm$ 0.000 χ^2 /NDF: 202792.6/16

Left Out: 1.668 $\pm$ 0.011 χ^2 /NDF: 218728.7/24

Right Out: 14.441 $\pm$ 0.000 χ^2 /NDF: 5848487.5/19

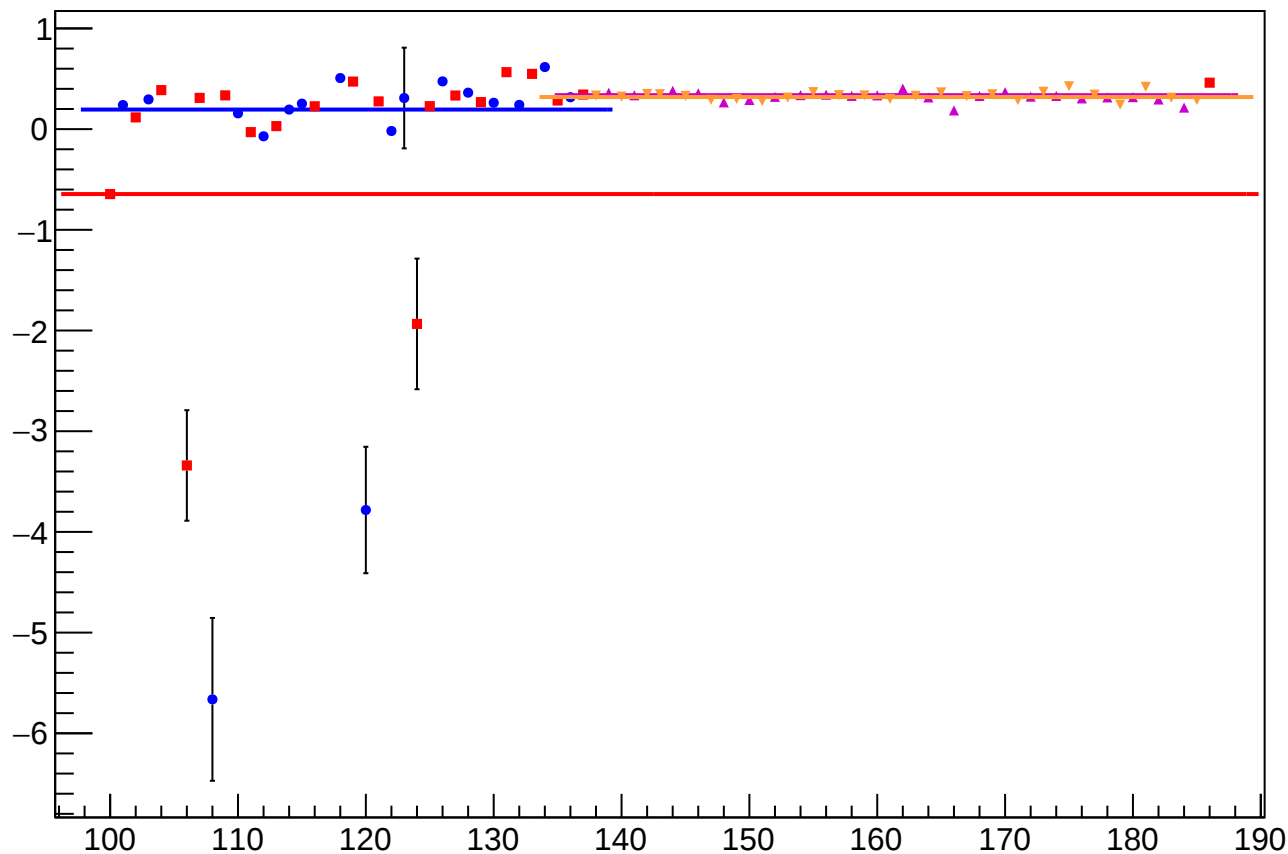
Left In: 0.938 $\pm$ 0.011 χ^2 /NDF: 253480.7/22

+ sign 2.030 $\pm$ 0.000 χ^2 /NDF: 422521.5/41

All: 2.439 $\pm$ 0.000 χ^2 /NDF: 7081114534903

- sign 14.441 $\pm$ 0.000 χ^2 /NDF: 7578729.1/42

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 : 3548.1/24

Right Out: -0.645 ± 0.000 χ^2/NDF : 194760.6/19

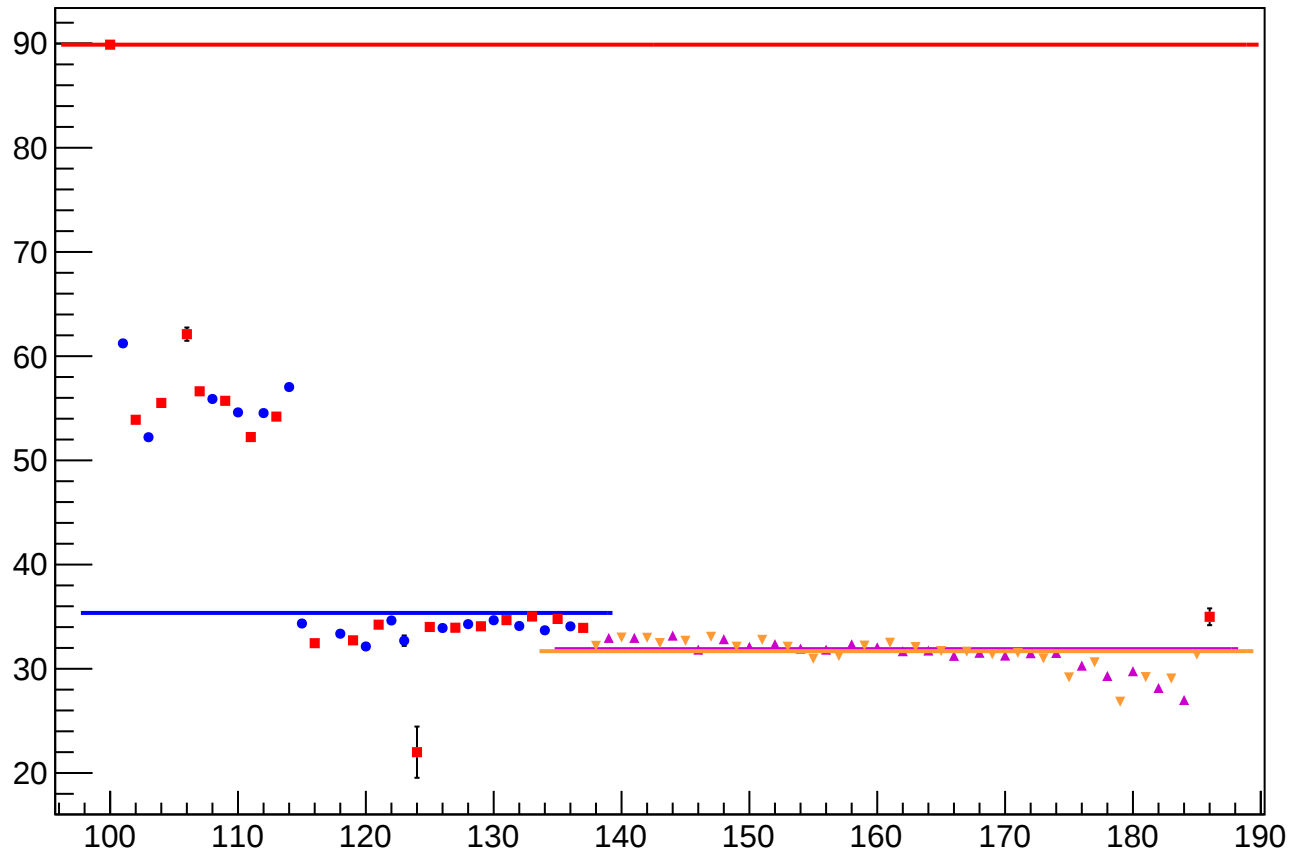
Left In: 0.337 ± 0.001 χ^2/NDF : 4013.5/22

+ sign 0.194 ± 0.000 χ^2/NDF : 74144.4/41

All: 0.167 ± 0.000 χ^2/NDF : 3316576528455

- sign -0.645 ± 0.000 χ^2/NDF : 3498353.6/42

dit_sam5_4aY_slope vs Slug



Right In: 35.361 $\pm$ 0.011 χ^2 /NDF: 204481.2/16

Left Out: 31.692 $\pm$ 0.003 χ^2 /NDF: 68085.3/24

Right Out: 89.893 $\pm$ 0.000 χ^2 /NDF: 68675502.6/19

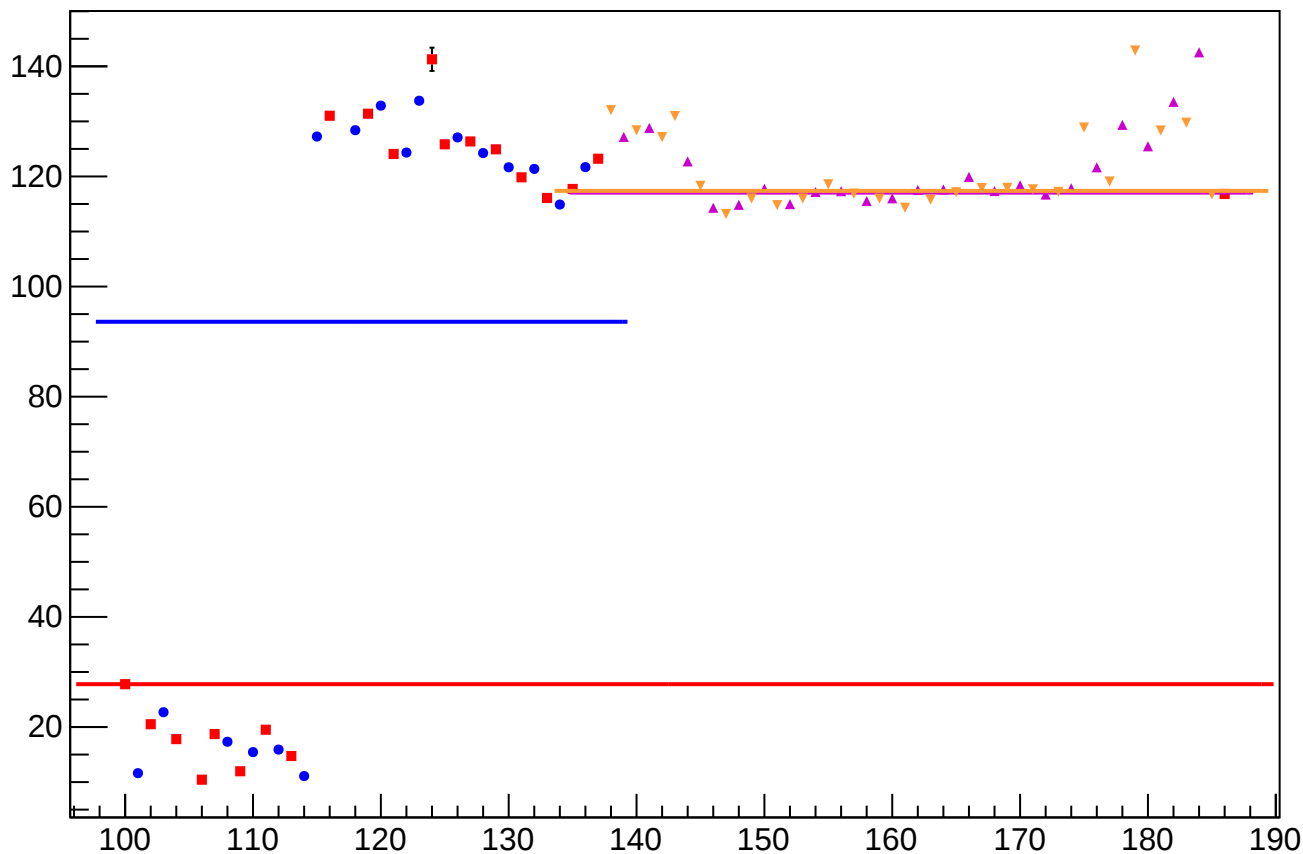
Left In: 31.887 $\pm$ 0.004 χ^2 /NDF: 33208.8/22

+ sign 31.955 $\pm$ 0.003 χ^2 /NDF: 374504.6/41

All: 89.893 $\pm$ 0.000 χ^2 /NDF: 707218963.4/84

- sign 89.893 $\pm$ 0.000 χ^2 /NDF: 324746871.2/42

dit_sam5_4eY_slope vs Slug



Right In: 93.605 $\pm$ 0.027 χ^2 /NDF: 2987877.5/16

Left Out: 117.377 $\pm$ 0.008 χ^2 /NDF: 170523.4/24

Right Out: 27.785 $\pm$ 0.000 χ^2 /NDF: 7929537.8/19

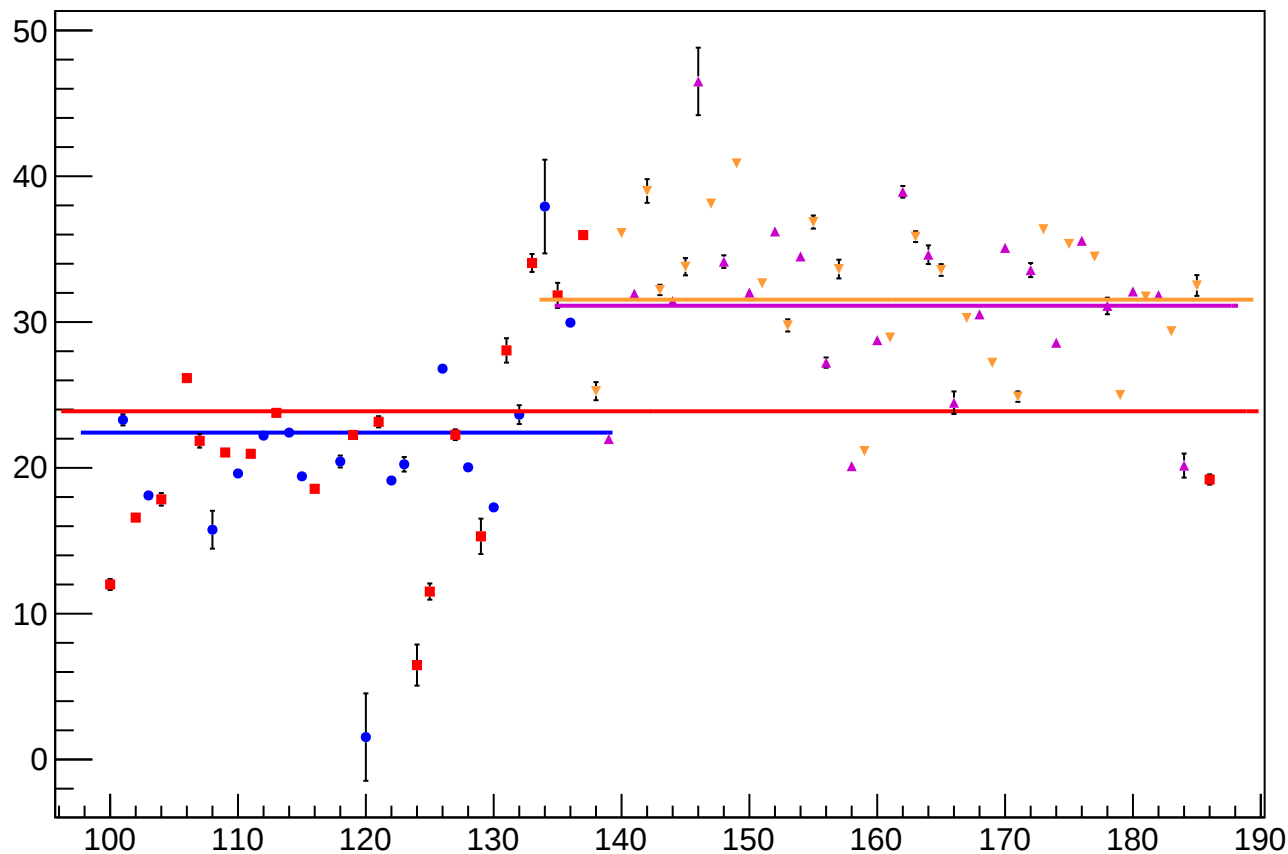
Left In: 117.066 $\pm$ 0.009 χ^2 /NDF: 63800.7/22

+ sign 115.476 $\pm$ 0.008 χ^2 /NDF: 3876867.7/41

All: 27.785 $\pm$ 0.000 χ^2 /NDF: 248577917.3/84

- sign 27.785 $\pm$ 0.000 χ^2 /NDF: 111817178.2/42

dit_sam6_4aX_slope vs Slug



Right In: 22.418 $\pm$ 0.000 χ^2 /NDF: 3247.9/16

Left Out: 31.536 $\pm$ 0.061 χ^2 /NDF: 6088.7/24

Right Out: 23.882 $\pm$ 0.057 χ^2 /NDF: 15591.1/19

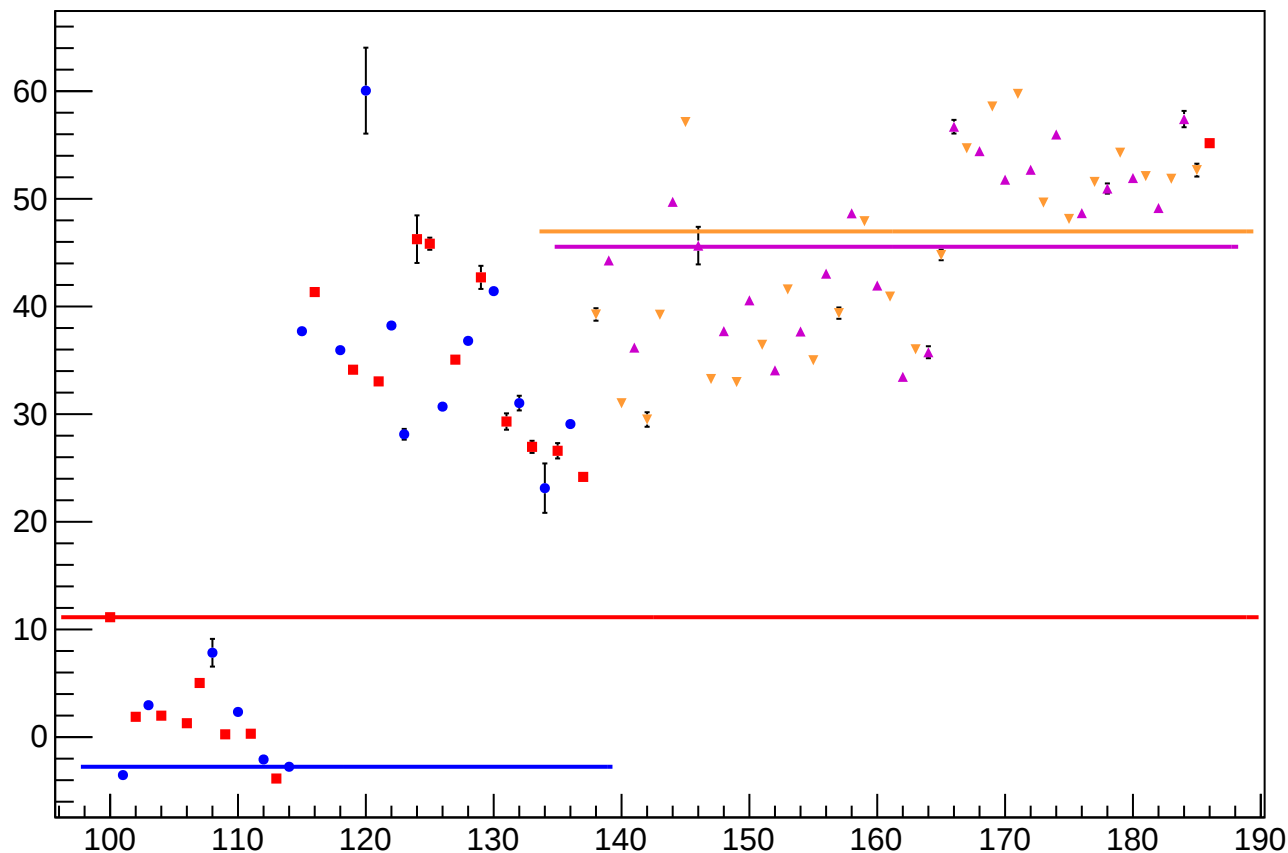
Left In: 31.120 $\pm$ 0.058 χ^2 /NDF: 6111.4/22

+ sign 22.418 $\pm$ 0.000 χ^2 /NDF: 31502.6/41

All: 22.418 $\pm$ 0.000 χ^2 /NDF: 76736.7/84

- sign 27.466 $\pm$ 0.040 χ^2 /NDF: 29690.0/42

dit_sam6_4eX_slope vs Slug



Right In: -2.754+/-0.000 χ^2 /NDF: 149281.3/16

Left Out: 46.973+/-0.051 χ^2 /NDF:27004.5/24

Right Out: 11.137+/-0.000 χ^2 /NDF: 2604728.9/19

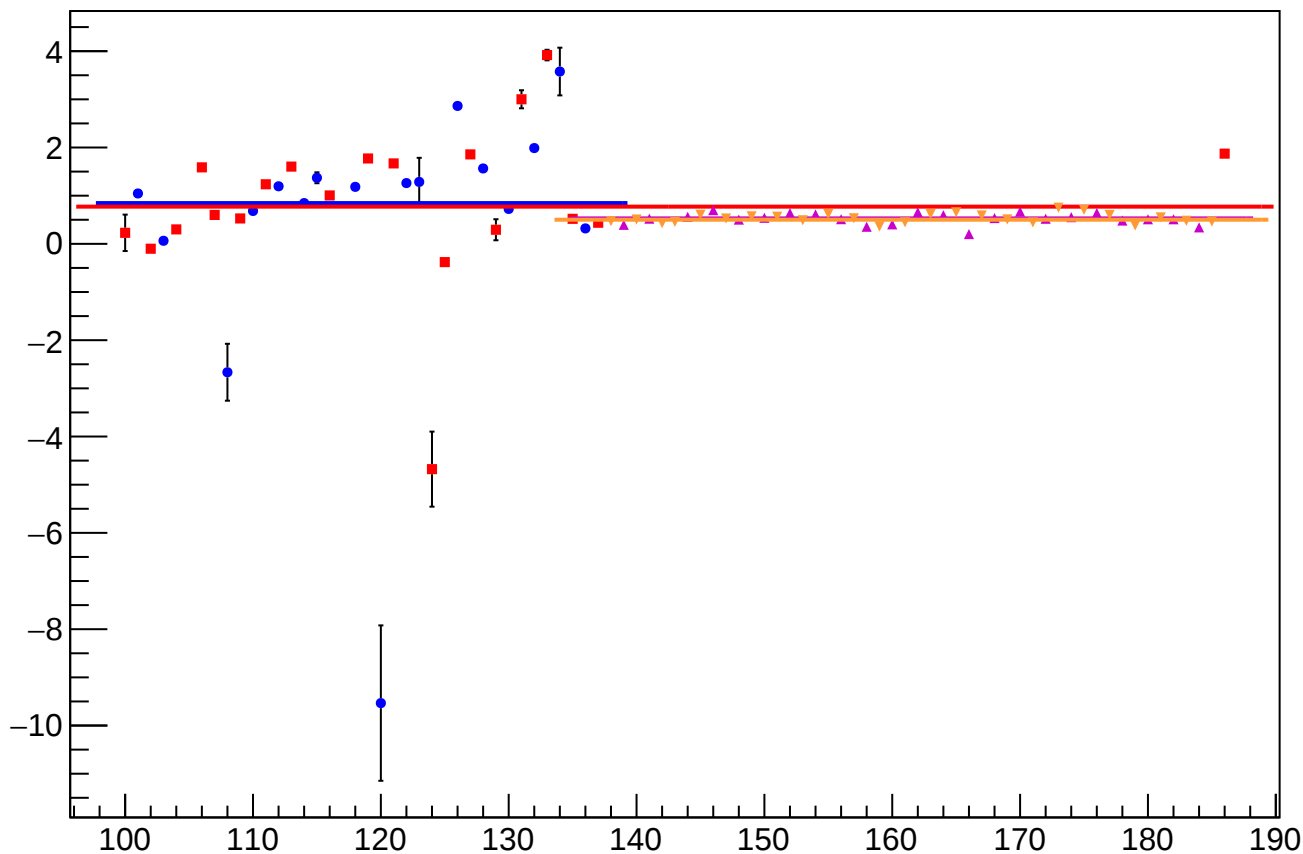
Left In: 45.548+/-0.049 χ^2 /NDF:19148.5/22

+ sign -2.754+/-0.000 χ^2 /NDF: 1132683.1/41

All: -2.637+/-0.000 χ^2 /NDF: 9095226728437

- sign 11.137+/-0.000 χ^2 /NDF: 3111296.3/42

dit_sam6_11X12X_slope vs Slug



Right In: 0.846 ± 0.000 χ^2/NDF : 16305.8/16

Left Out: 0.501 ± 0.001 χ^2/NDF : 15097.1/24

Right Out: 0.772 ± 0.007 χ^2/NDF : 4356.3/19

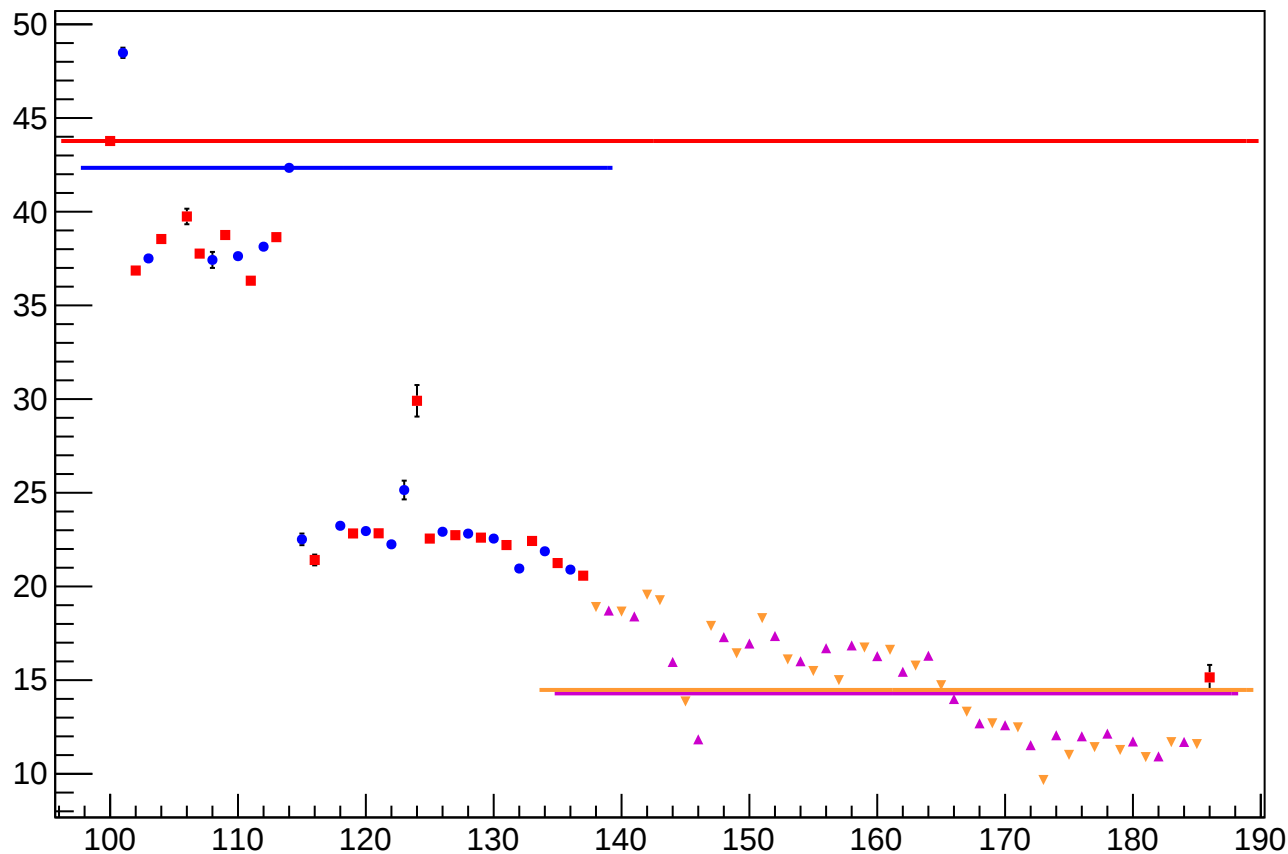
Left In: 0.528 ± 0.001 χ^2/NDF : 12771.0/22

+ sign 0.846 ± 0.000 χ^2/NDF : 167352.7/41

All: 0.846 ± 0.000 χ^2/NDF : 340523.8/84

- sign 0.532 ± 0.001 χ^2/NDF : 18355.8/42

dit_sam6_4aY_slope vs Slug



Right In: 42.341+/-0.000 χ^2/NDF : 4058390.3/16

Left Out: 14.478+/-0.005 χ^2/NDF : 321212.8/24

Right Out: 43.773+/-0.000 χ^2/NDF : 4581839.3/19

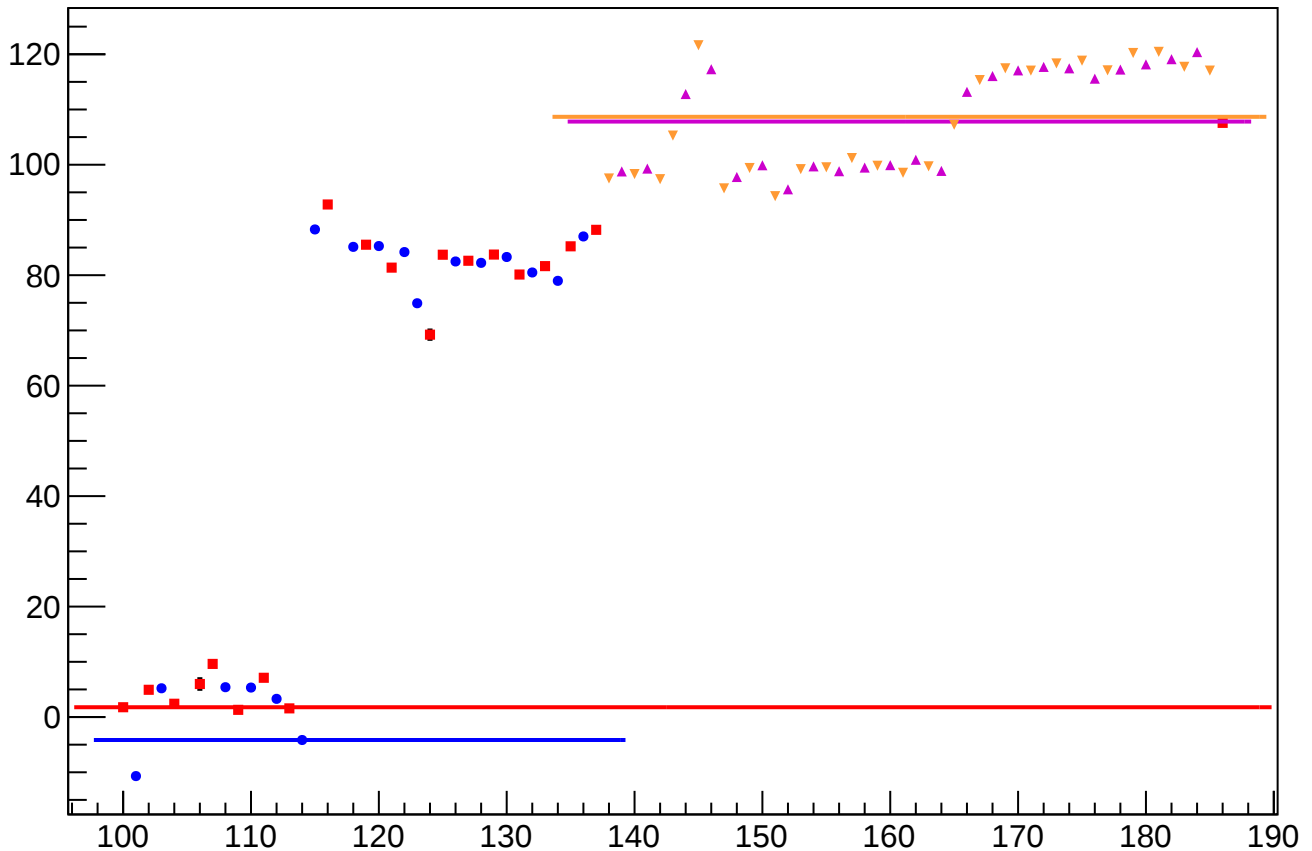
Left In: 14.293+/-0.005 χ^2/NDF : 213936.0/22

+ sign 42.341+/-0.000 χ^2/NDF : 33758364.5/41

All: 42.846+/-0.000 χ^2/NDF : 157736039025

- sign 43.773+/-0.000 χ^2/NDF : 34460892.4/42

dit_sam6_4eY_slope vs Slug



Right In: -4.155 ± 0.000 χ^2/NDF : 8287312.9/16

Left Out: 108.675 ± 0.010 χ^2/NDF : 1002972.5/24

Right Out: 1.777 ± 0.000 χ^2/NDF : 5423429.5/19

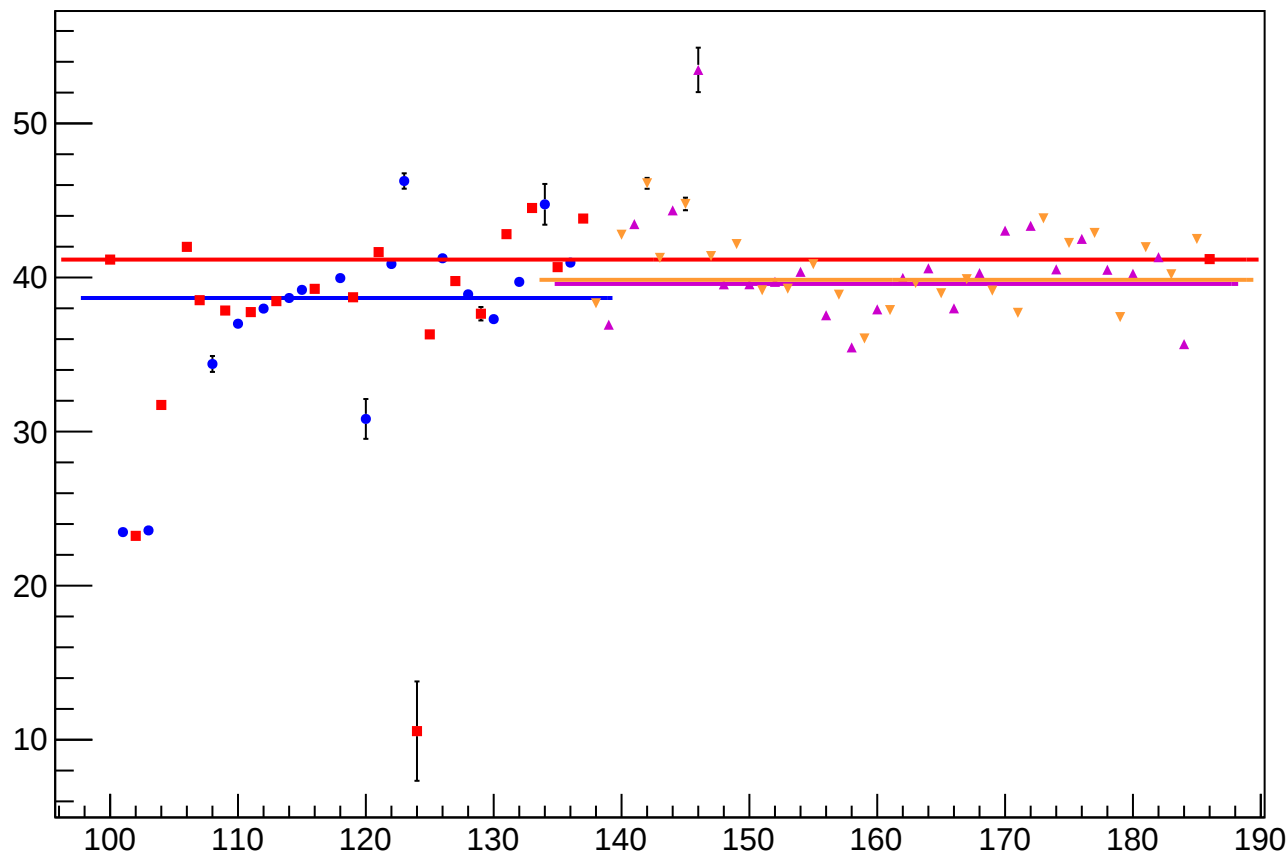
Left In: 107.814 ± 0.010 χ^2/NDF : 911439.9/22

+ sign -4.155 ± 0.000 χ^2/NDF : 146324840.9/41

All: 1.167 ± 0.000 χ^2/NDF : 44022261179950

- sign 1.777 ± 0.000 χ^2/NDF : 128125372.1/42

dit_sam7_4aX_slope vs Slug



Right In: 38.669 ± 0.000 χ^2/NDF : 59984.0/16

Left Out: 39.849 ± 0.027 χ^2/NDF : 6986.0/24

Right Out: 41.163 ± 0.000 χ^2/NDF : 38410.9/19

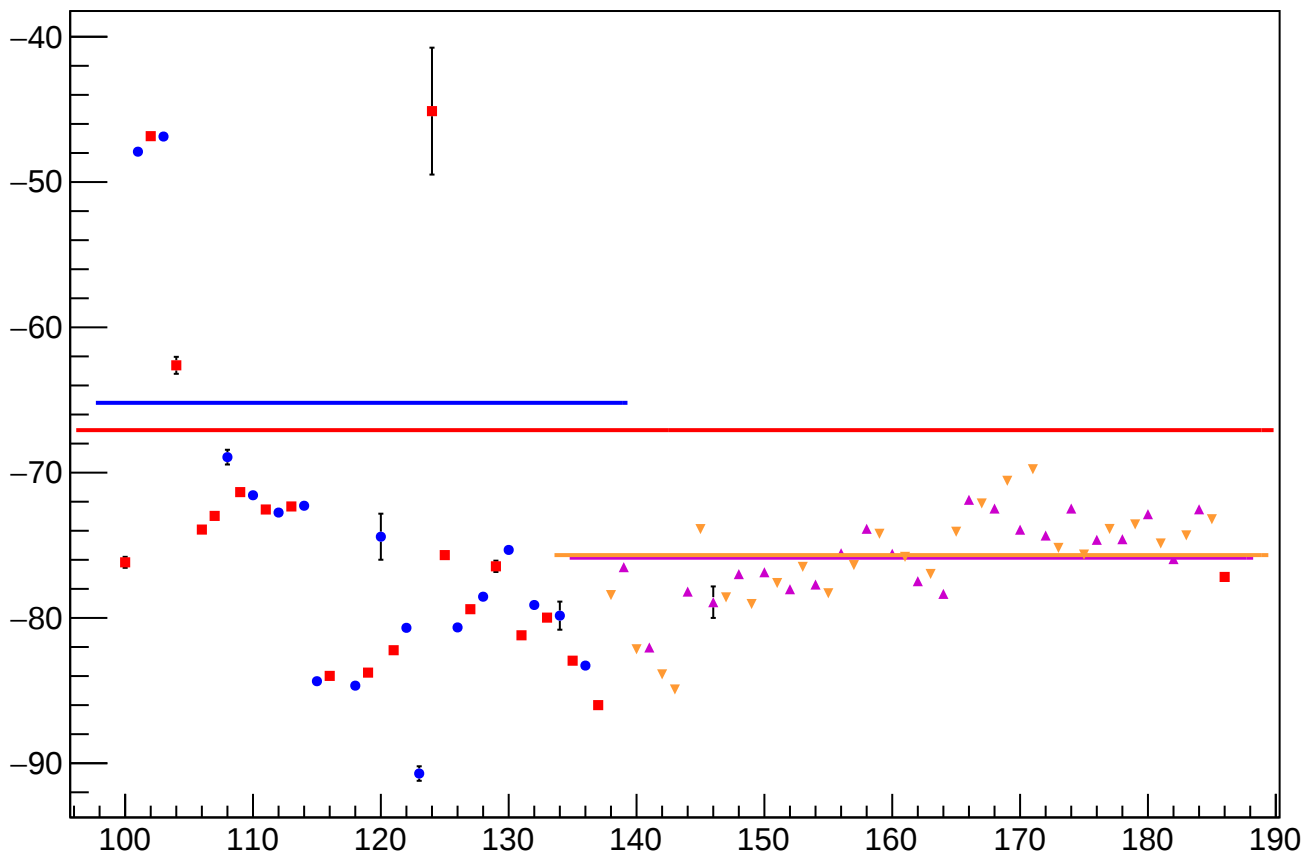
Left In: 39.582 ± 0.023 χ^2/NDF : 9138.0/22

+ sign 38.669 ± 0.000 χ^2/NDF : 68853.6/41

All: 39.550 ± 0.000 χ^2/NDF : 4780640080062

- sign 41.163 ± 0.000 χ^2/NDF : 52284.0/42

dit_sam7_4eX_slope vs Slug



Right In: -65.195 ± 0.019 $\chi^2/\text{NDF}: 784258.8/16$

Left Out: -75.675 ± 0.022 $\chi^2/\text{NDF}: 22415.8/24$

Right Out: -67.075 ± 0.016 $\chi^2/\text{NDF}: 821017.5/19$

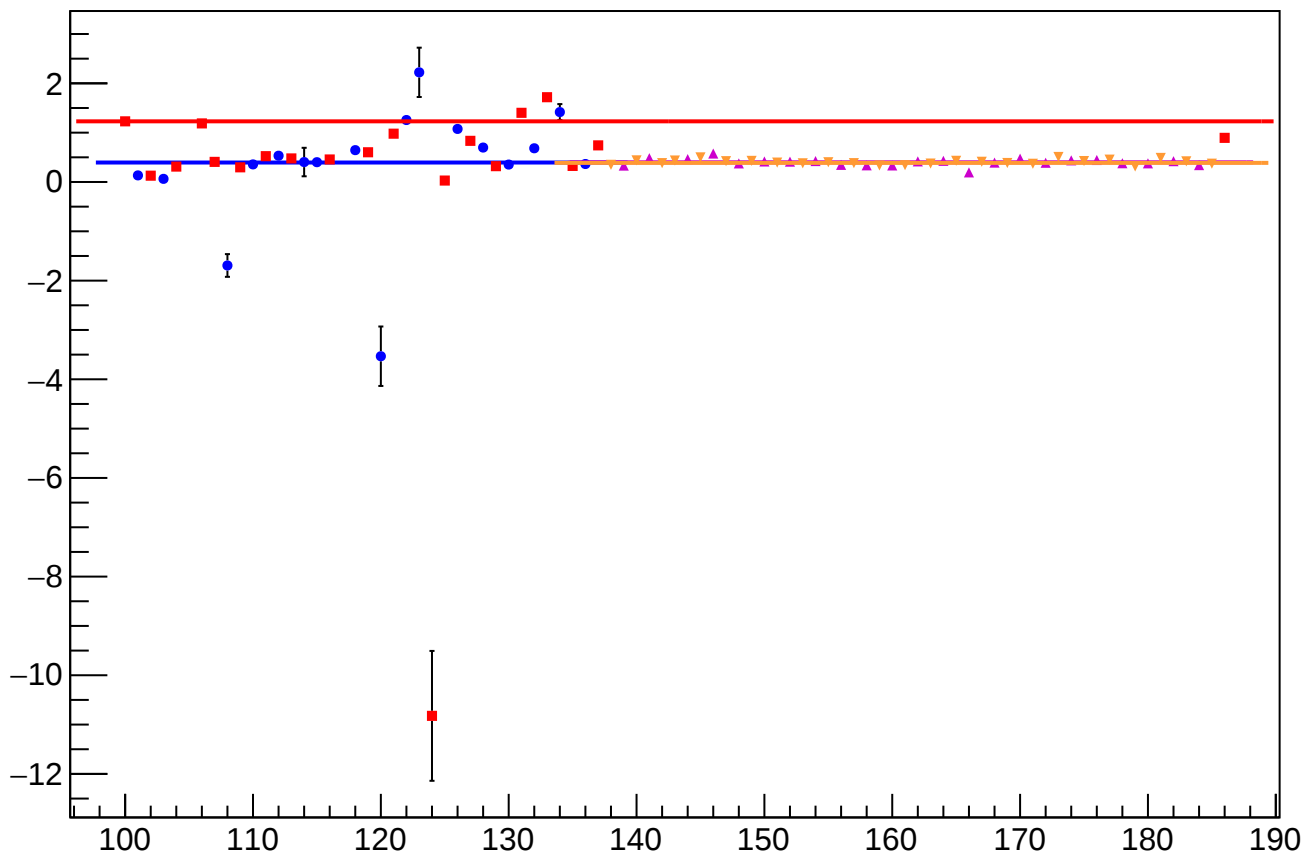
Left In: -75.855 ± 0.019 $\chi^2/\text{NDF}: 12226.9/22$

+ sign -69.620 ± 0.014 $\chi^2/\text{NDF}: 940225.0/41$

All: -70.173 ± 0.009 $\chi^2/\text{NDF}: 1902668.6/84$

- sign -70.575 ± 0.012 $\chi^2/\text{NDF}: 959812.3/42$

dit_sam7_11X12X_slope vs Slug



Right In: 0.395 $\pm$ 0.002 χ^2 /NDF: 8730.5/16

Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF:10552.6/24

Right Out: 1.230 $\pm$ 0.000 χ^2 /NDF: 48976.7/19

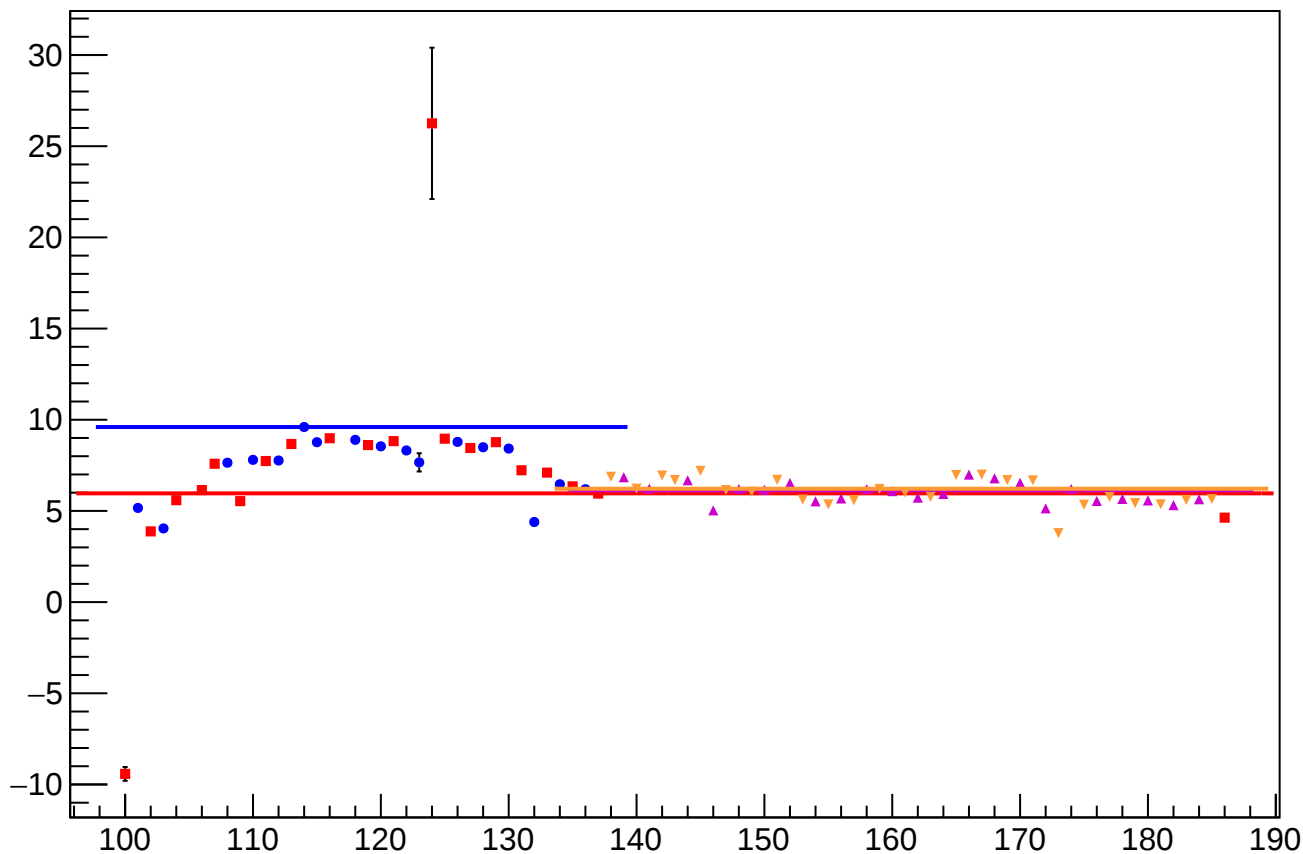
Left In: 0.399 $\pm$ 0.000 χ^2 /NDF:8983.2/22

+ sign 0.388 $\pm$ 0.000 χ^2 /NDF: 19295.3/41

All: 1.230 $\pm$ 0.000 χ^2 /NDF: 6879217.6/84

- sign 1.230 $\pm$ 0.000 χ^2 /NDF: 3377563.8/42

dit_sam7_4aY_slope vs Slug



Right In: 9.601 $\pm$ 0.000 χ^2 /NDF: 377404.1/16

Left Out: 6.218 $\pm$ 0.002 χ^2 /NDF: 117624.5/24

Right Out: 5.964 $\pm$ 0.000 χ^2 /NDF: 207012.4/19

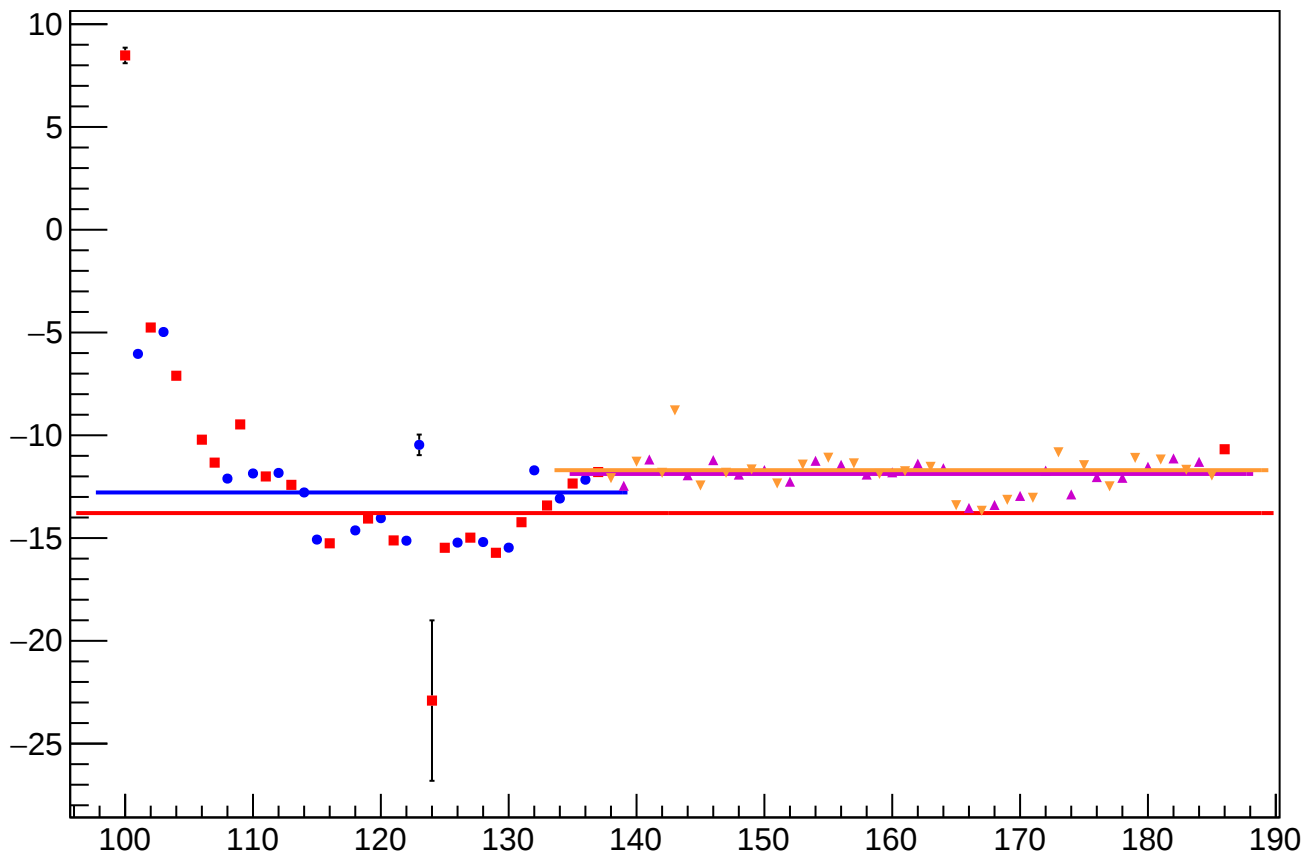
Left In: 6.128 $\pm$ 0.002 χ^2 /NDF: 56126.9/22

+ sign 9.601 $\pm$ 0.000 χ^2 /NDF: 5440552.4/41

All: 9.601 $\pm$ 0.000 χ^2 /NDF: 90689396.2/84

- sign 5.975 $\pm$ 0.000 χ^2 /NDF: 274184.6/42

dit_sam7_4eY_slope vs Slug



Right In: -12.781 ± 0.000 $\chi^2/\text{NDF}: 122716.4/16$

Left Out: -11.698 ± 0.002 $\chi^2/\text{NDF}: 313736.8/24$

Right Out: -13.784 ± 0.005 $\chi^2/\text{NDF}: 79528.4/19$

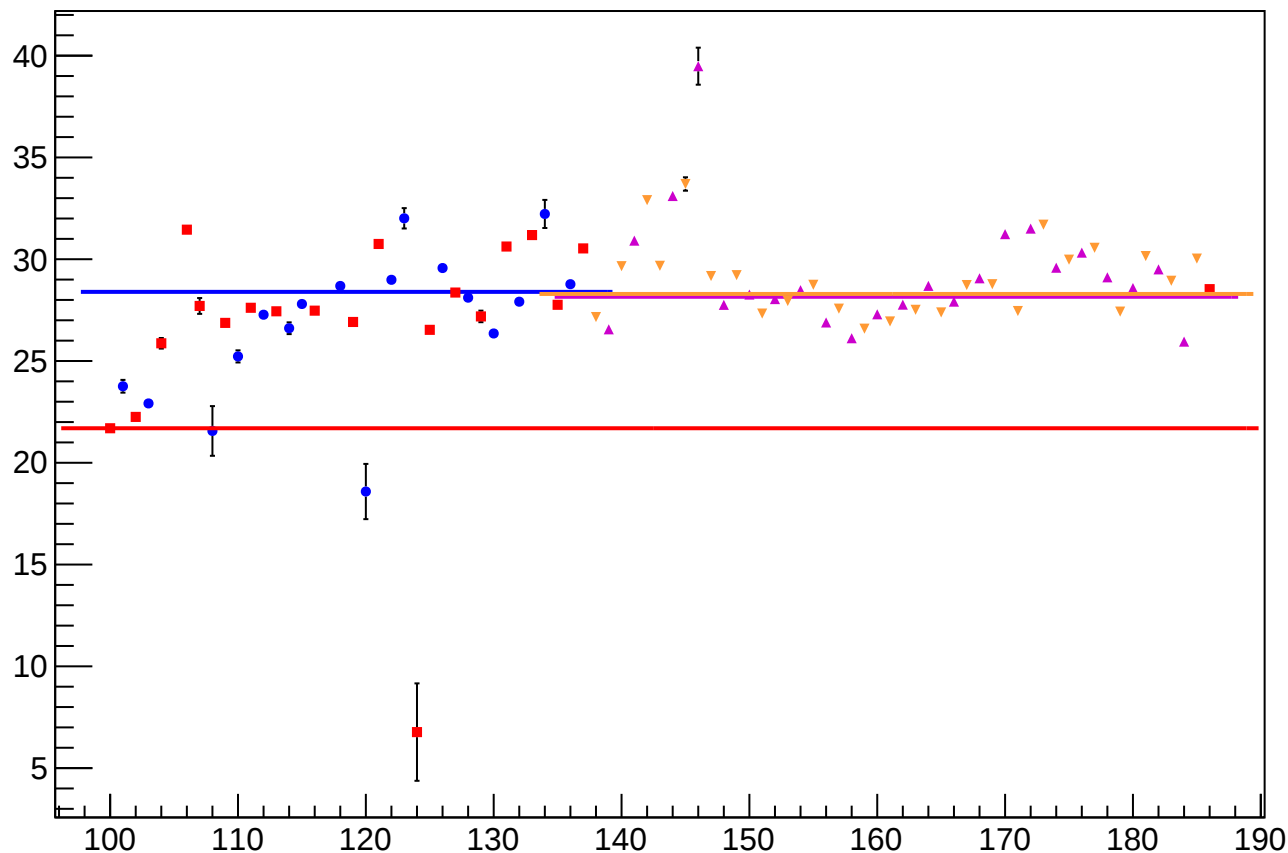
Left In: -11.880 ± 0.002 $\chi^2/\text{NDF}: 66782.1/22$

+ sign -12.781 ± 0.000 $\chi^2/\text{NDF}: 705873.1/41$

All: -12.781 ± 0.000 $\chi^2/\text{NDF}: 1071633.6/84$

- sign -12.133 ± 0.002 $\chi^2/\text{NDF}: 255765.4/42$

dit_sam8_4aX_slope vs Slug



Right In: 28.396 ± 0.024 χ^2/NDF : 3440.8/16

Left Out: 28.294 ± 0.018 χ^2/NDF : 6787.0/24

Right Out: 21.696 ± 0.000 χ^2/NDF : 49012.0/19

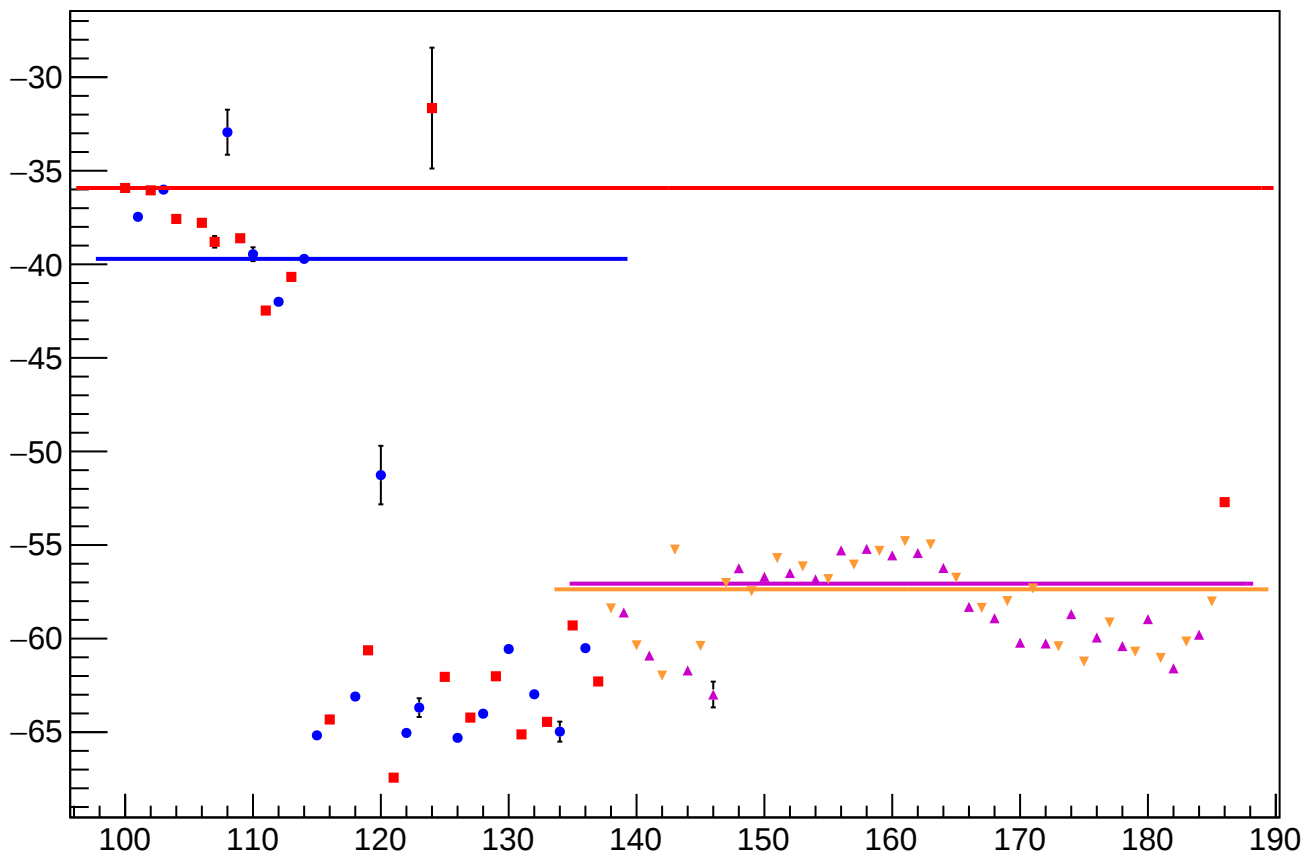
Left In: 28.156 ± 0.015 χ^2/NDF : 9251.0/22

+ sign 28.329 ± 0.014 χ^2/NDF : 10239.4/41

All: 21.696 ± 0.000 χ^2/NDF : 476464.8/84

- sign 21.696 ± 0.000 χ^2/NDF : 250972.1/42

dit_sam8_4eX_slope vs Slug



Right In: -39.710 ± 0.000 $\chi^2/\text{NDF}: 1354716.8/16$

Left Out: -57.368 ± 0.015 $\chi^2/\text{NDF}: 22796.2/24$

Right Out: -35.921 ± 0.000 $\chi^2/\text{NDF}: 805485.3/19$

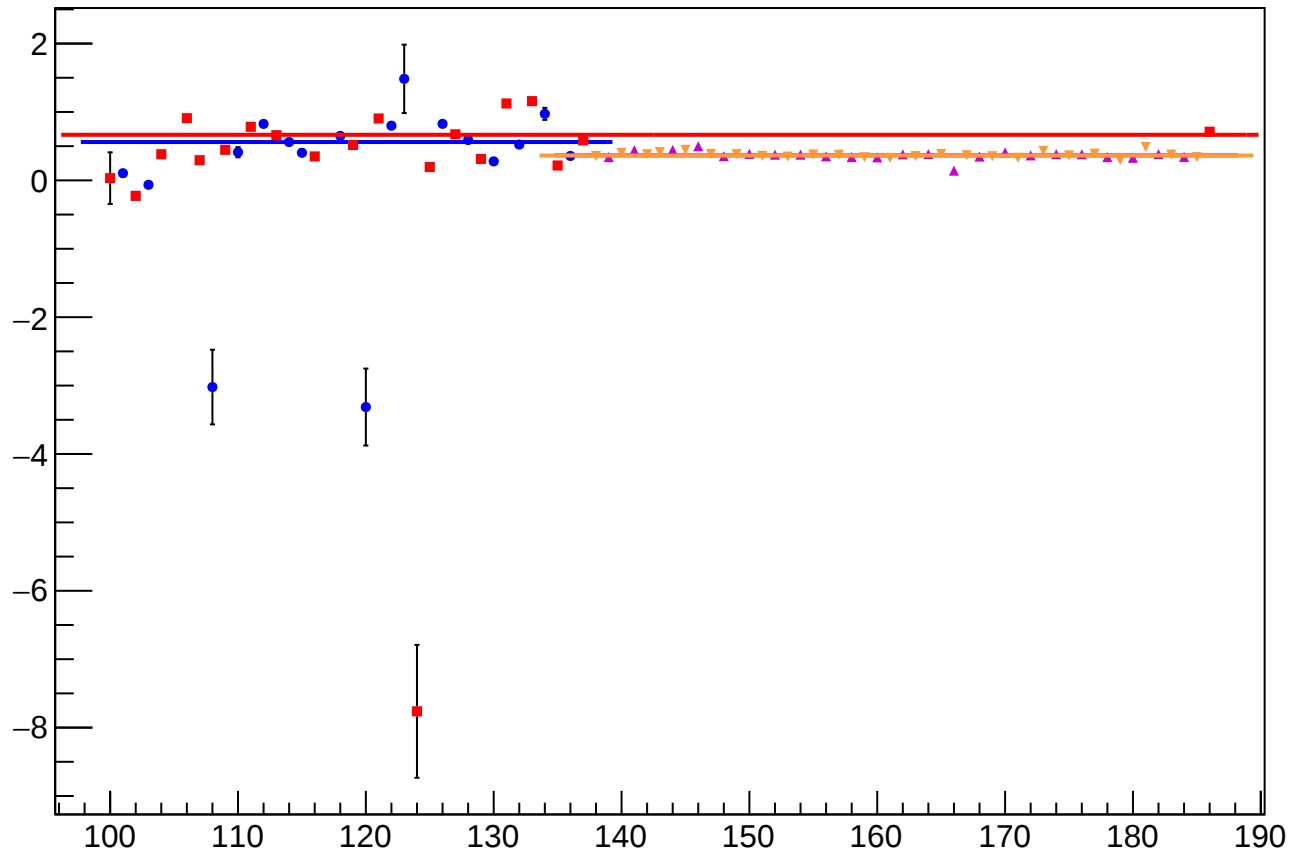
Left In: -57.064 ± 0.013 $\chi^2/\text{NDF}: 19679.5/22$

+ sign -39.710 ± 0.000 $\chi^2/\text{NDF}: 2857670.2/41$

All: -38.373 ± 0.000 $\chi^2/\text{NDF}: 110369434011$

- sign -35.921 ± 0.000 $\chi^2/\text{NDF}: 3596072.0/42$

dit_sam8_11X12X_slope vs Slug



Right In: 0.561 ± 0.000 χ^2/NDF : 16869.2/16

Left Out: 0.363 ± 0.000 χ^2/NDF : 8024.1/24

Right Out: 0.666 ± 0.005 χ^2/NDF : 3782.8/19

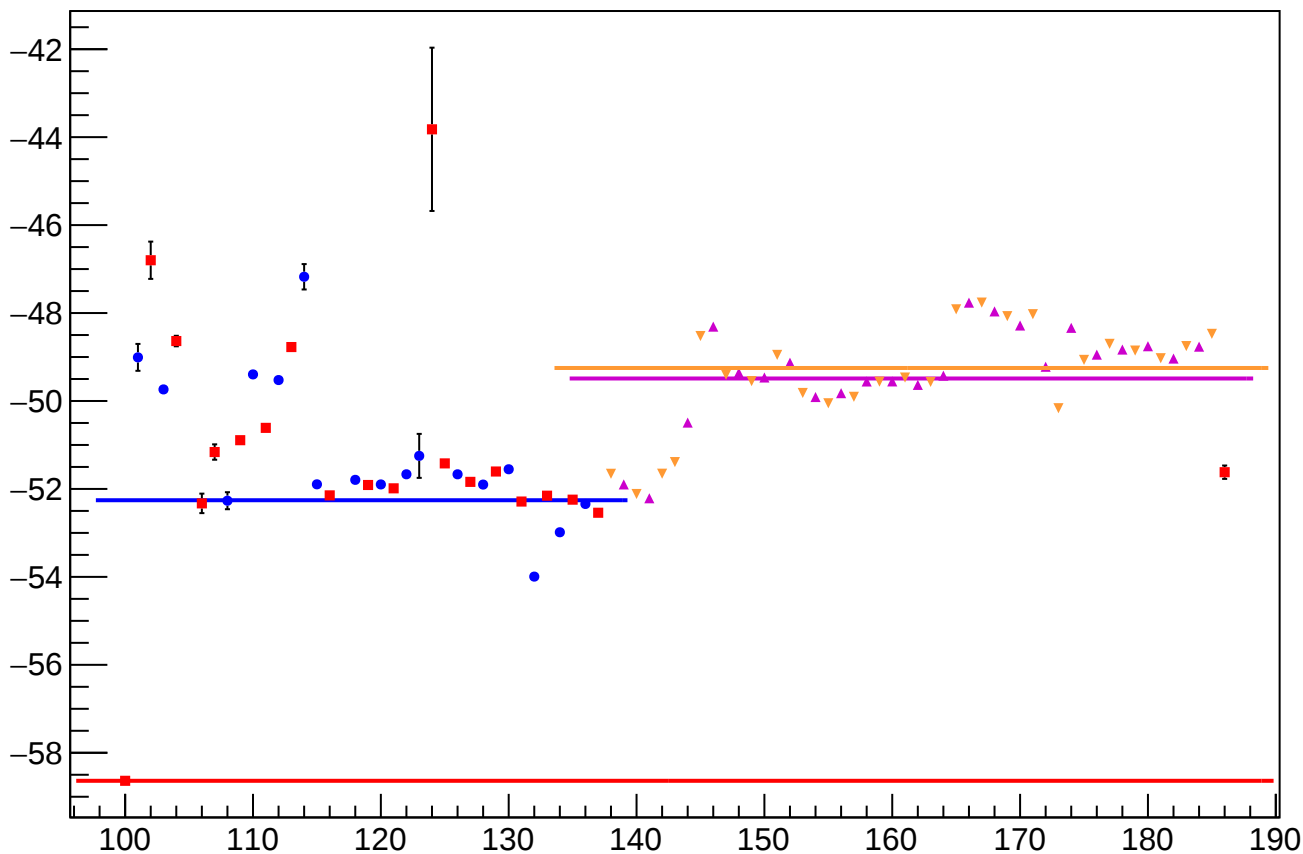
Left In: 0.365 ± 0.000 χ^2/NDF : 6174.1/22

+ sign 0.561 ± 0.000 χ^2/NDF : 364498.8/41

All: 0.561 ± 0.000 χ^2/NDF : 725607.6/84

- sign 0.367 ± 0.000 χ^2/NDF : 14259.4/42

dit_sam8_4aY_slope vs Slug



Right In: -52.257 ± 0.004 χ^2/NDF : 24373.7/16

Left Out: -49.249 ± 0.001 χ^2/NDF : 493166.2/24

Right Out: -58.637 ± 0.000 χ^2/NDF : 31282874.5/19

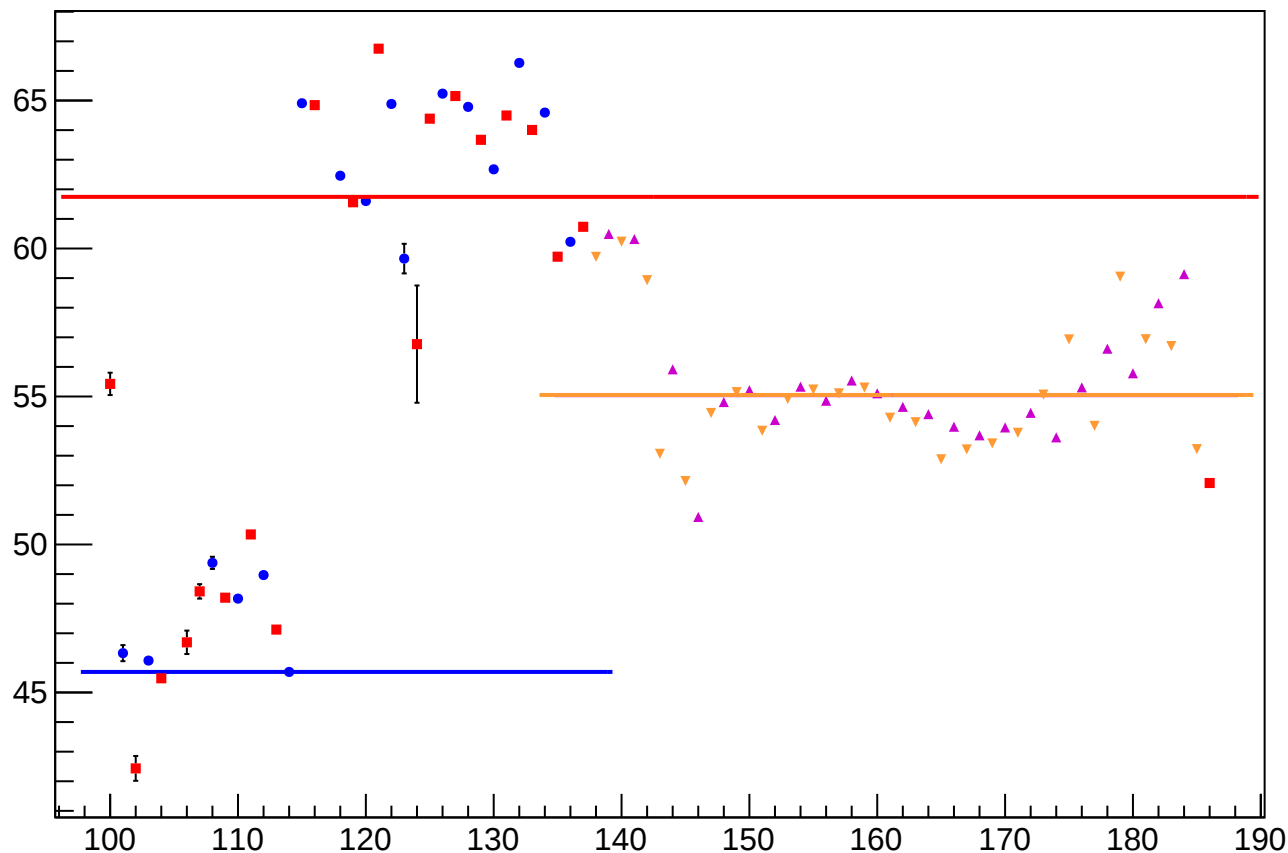
Left In: -49.488 ± 0.001 χ^2/NDF : 431523.8/22

+ sign -49.625 ± 0.001 χ^2/NDF : 1113326.9/41

All: -58.637 ± 0.000 χ^2/NDF : 124620152.8/8

- sign -58.637 ± 0.000 χ^2/NDF : 74539003.5/42

dit_sam8_4eY_slope vs Slug



Right In: 45.694 $\pm$ 0.000 χ^2 /NDF: 3571709.5/16

Left Out: 55.052 $\pm$ 0.003 χ^2 /NDF: 373445.7/24

Right Out: 61.745 $\pm$ 0.006 χ^2 /NDF: 264175.9/19

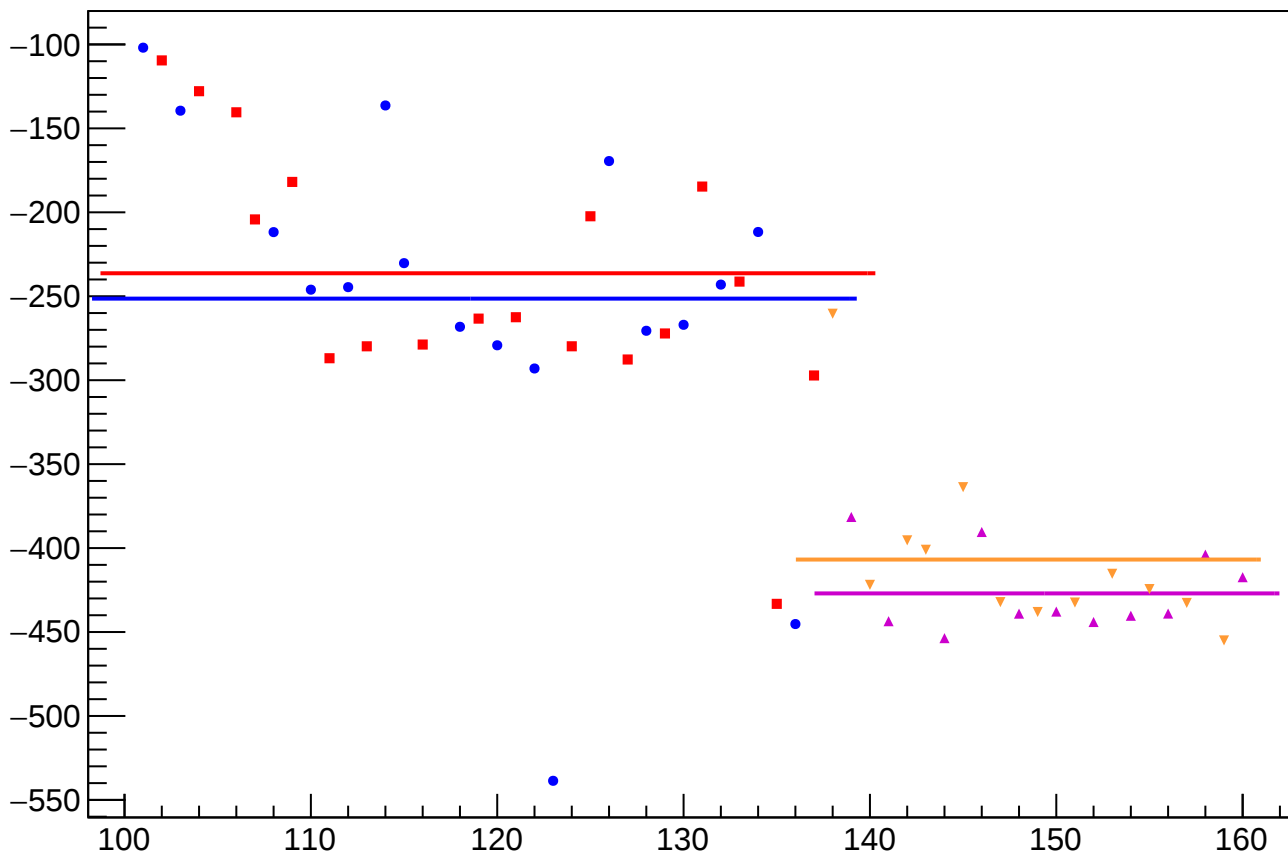
Left In: 55.045 $\pm$ 0.003 χ^2 /NDF: 88930.1/22

+ sign 45.694 $\pm$ 0.000 χ^2 /NDF: 13012406.8/41

All: 45.694 $\pm$ 0.000 χ^2 /NDF: 30373669.9/84

- sign 56.172 $\pm$ 0.003 χ^2 /NDF: 1273461.7/42

dit_4aX_coil1_mean vs Slug



Right In: -251.407+/-0.000 χ^2/NDF : 6377716677142803615785313646231420928.0/16

Left Out: -406.833+/-0.000 χ^2/NDF : 2292767804308975563331061576326184960.0/11

Right Out: -236.305+/-0.000 χ^2/NDF : 4583669398649017152985031455186878464.0/17

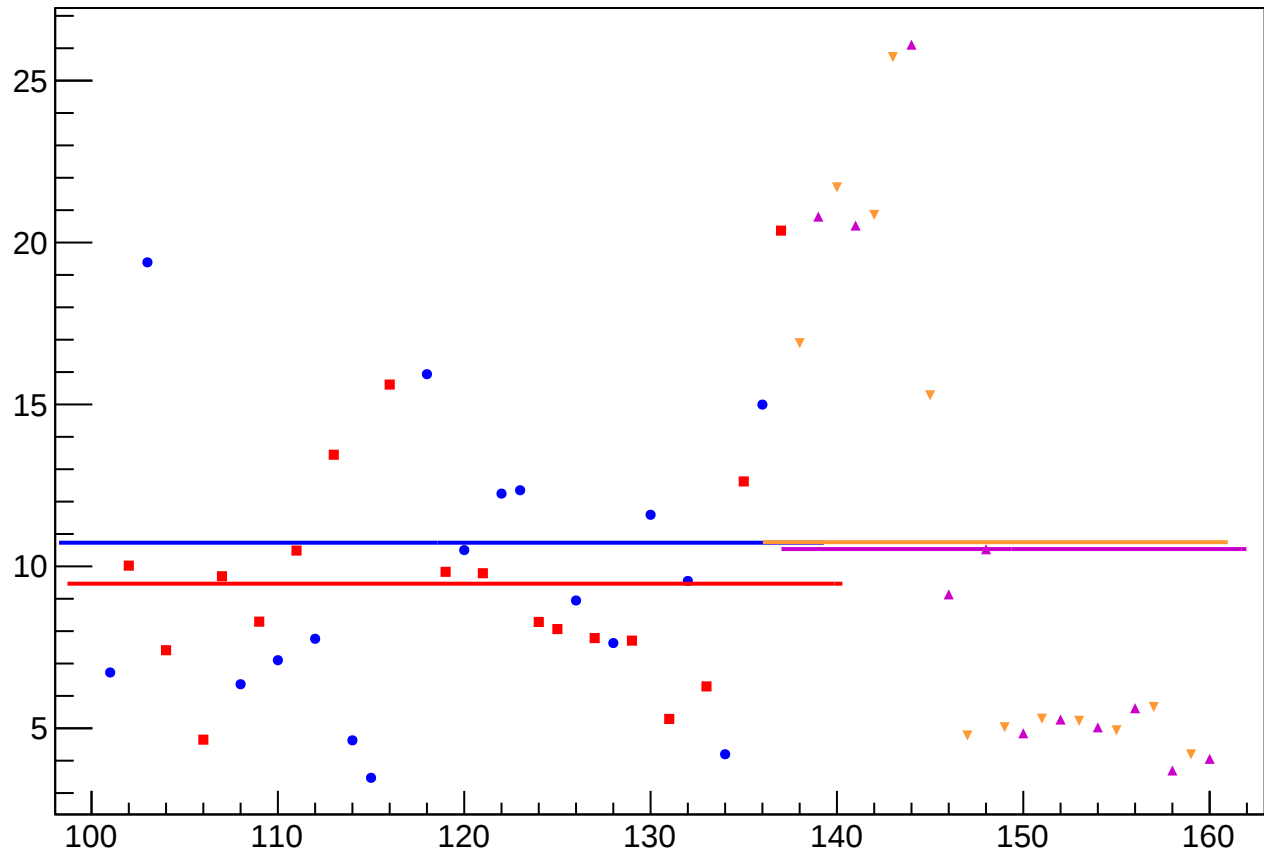
Left In: -426.999+/-0.000 χ^2/NDF : 491897519091150809282810233728532480.0/10

+ sign -339.543+/-0.000 χ^2/NDF : 18177302415444

All: -341.937+/-0.000 χ^2/NDF : 37990848197

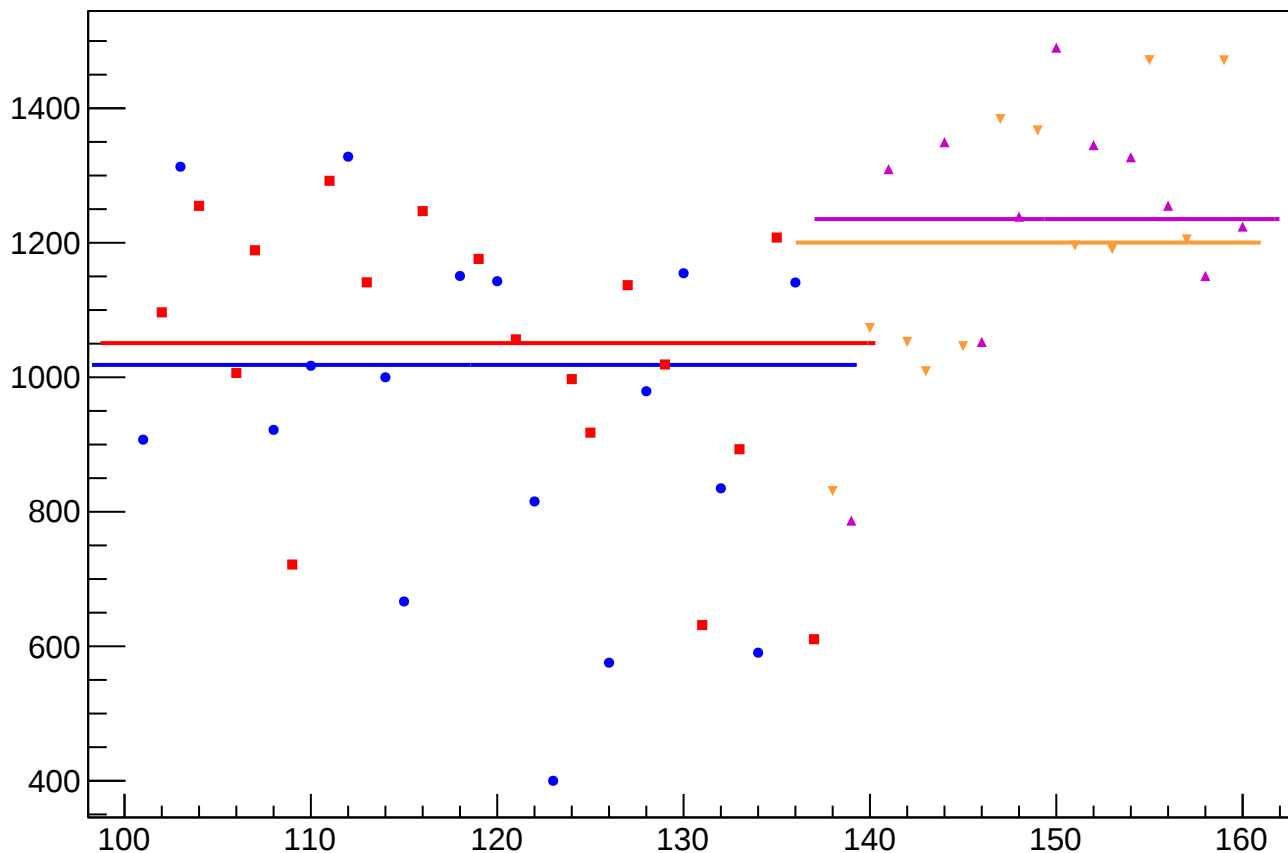
- sign -344.265+/-0.000 χ^2/NDF : 197954301913054

dit_4aX_coil1_err_mean vs Slug



Right In: 10.731+/-0.000 χ^2/NDF : 12832156832660883988585211297267712.0/16
 Left Out: 10.747+/-0.000 χ^2/NDF : 52568555520200298220372681258172416.0/11
 Right Out: 9.465+/-0.000 χ^2/NDF : 6964289429474711338503750841008128.0/17
 Left In: 10.535+/-0.000 χ^2/NDF : 5603030629418172559737233160398848.0/10

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

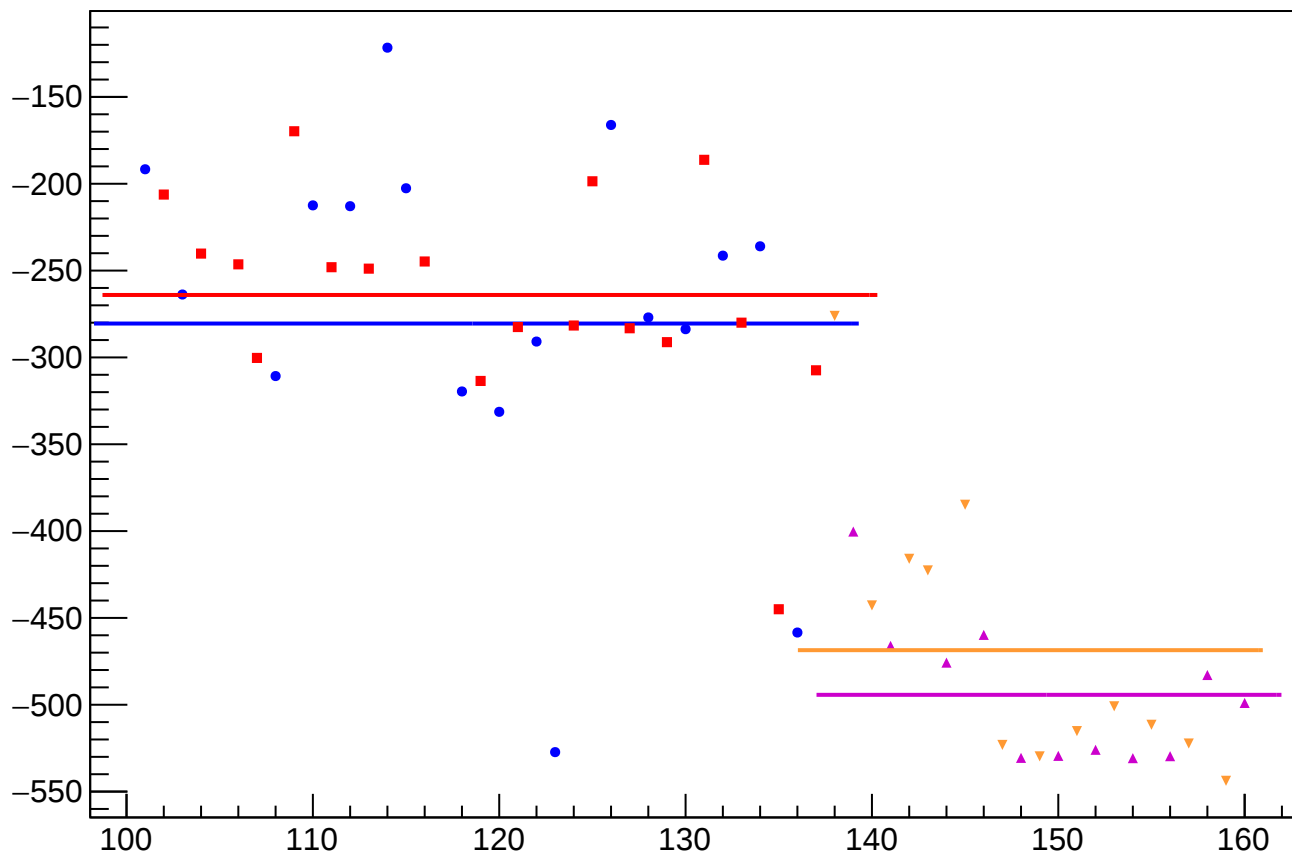
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

dit_4eX_coil1_mean vs Slug



Right In: -280.488+/-0.000 χ^2/NDF : 5126630238526976320868749941319663616.0/16

Left Out: -468.575+/-0.000 χ^2/NDF : 5376900160405137659978716094572527616.0/11

Right Out: -264.038+/-0.000 χ^2/NDF : 2950904189133891581840816046652522496.0/17

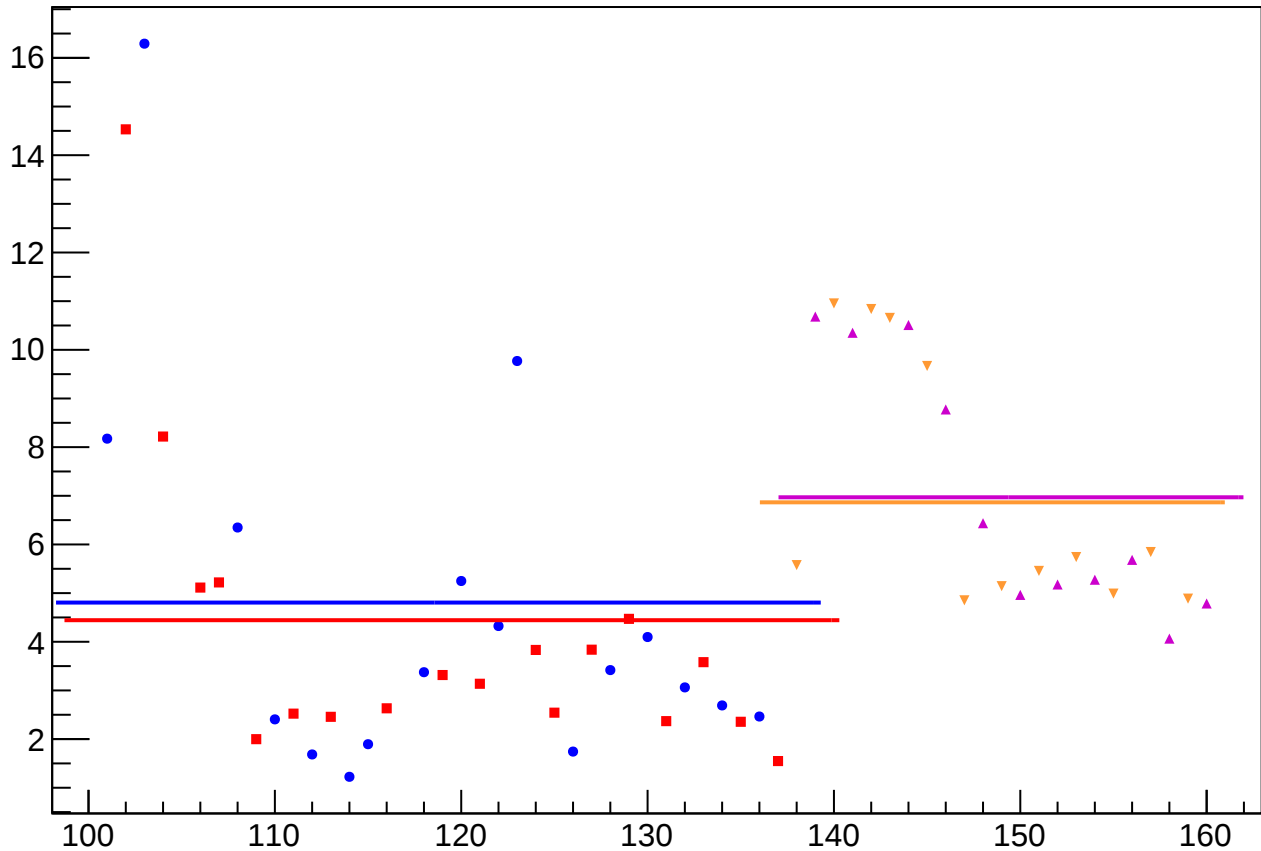
Left In: -494.291+/-0.000 χ^2/NDF : 1453739025414967917322489885861347328.0/10

+ sign -387.145+/-0.000 χ^2/NDF : 24425652530066

All: -390.819+/-0.000 χ^2/NDF : 50333532153

- sign -394.393+/-0.000 χ^2/NDF : 258651894809750

dit_4eX_coil1_err_mean vs Slug



Right In: 4.806+/-0.000 χ^2/NDF : 10922956451109492621931429310234624.0/16

Left Out: 6.866+/-0.000 χ^2/NDF : 5299669563995653642636095012208640.0/11

Right Out: 4.443+/-0.000 χ^2/NDF : 8238698902114437843582467079929856.0/17

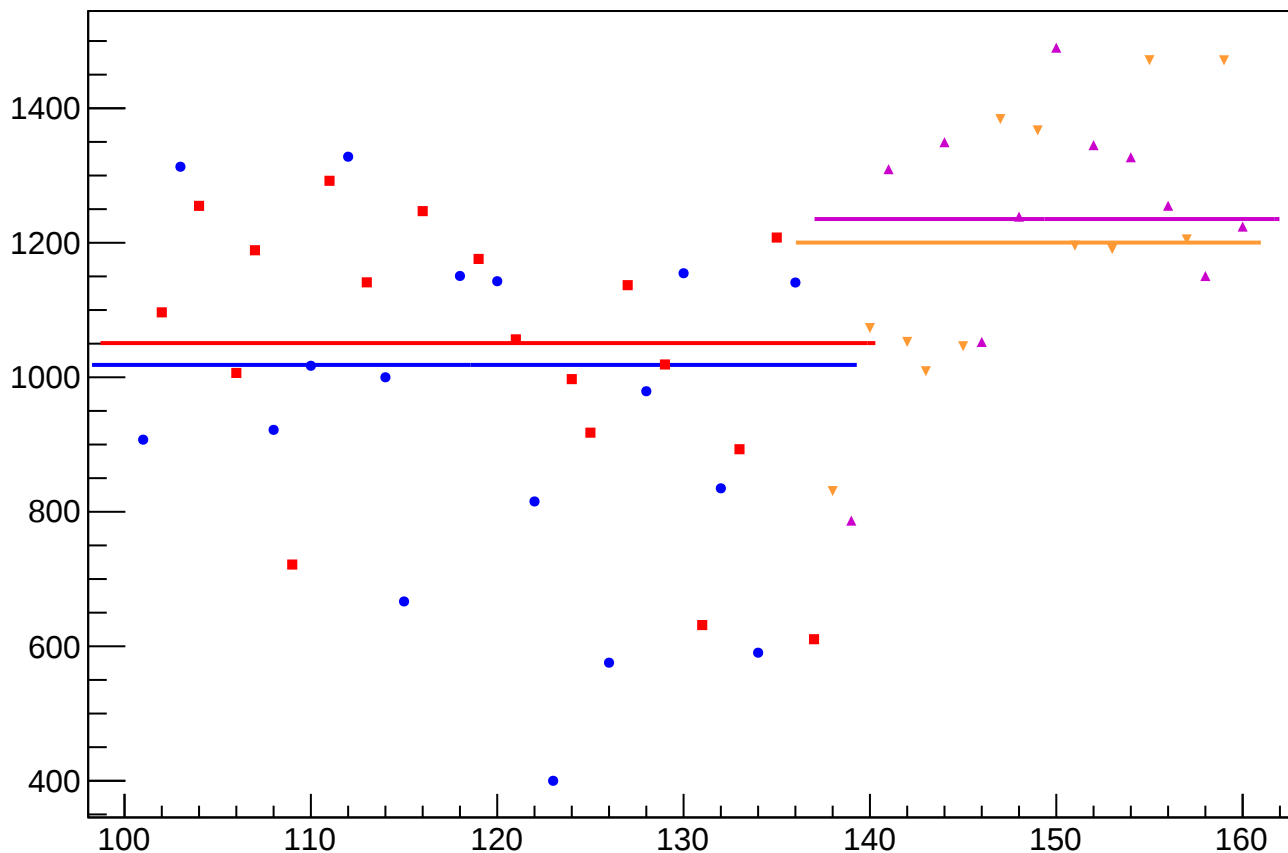
Left In: 6.969+/-0.000 χ^2/NDF : 56109298535943891073252121357844448.0/10

+ sign 5.974+/-0.000 χ^2/NDF : 17892687835671070

All: 5.923+/-0.000 χ^2/NDF : 34333338930633

- sign 5.873+/-0.000 χ^2/NDF : 16432445680690964

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

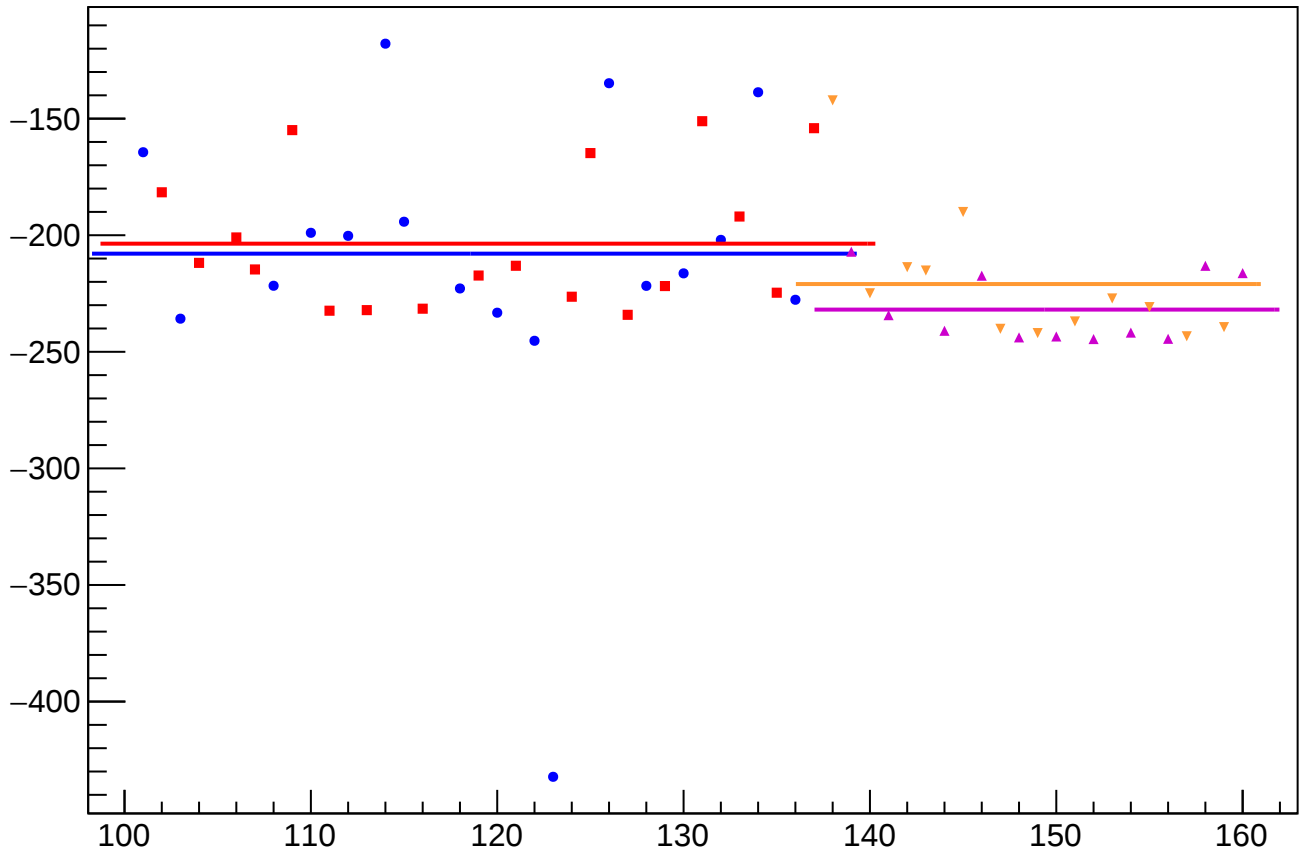
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

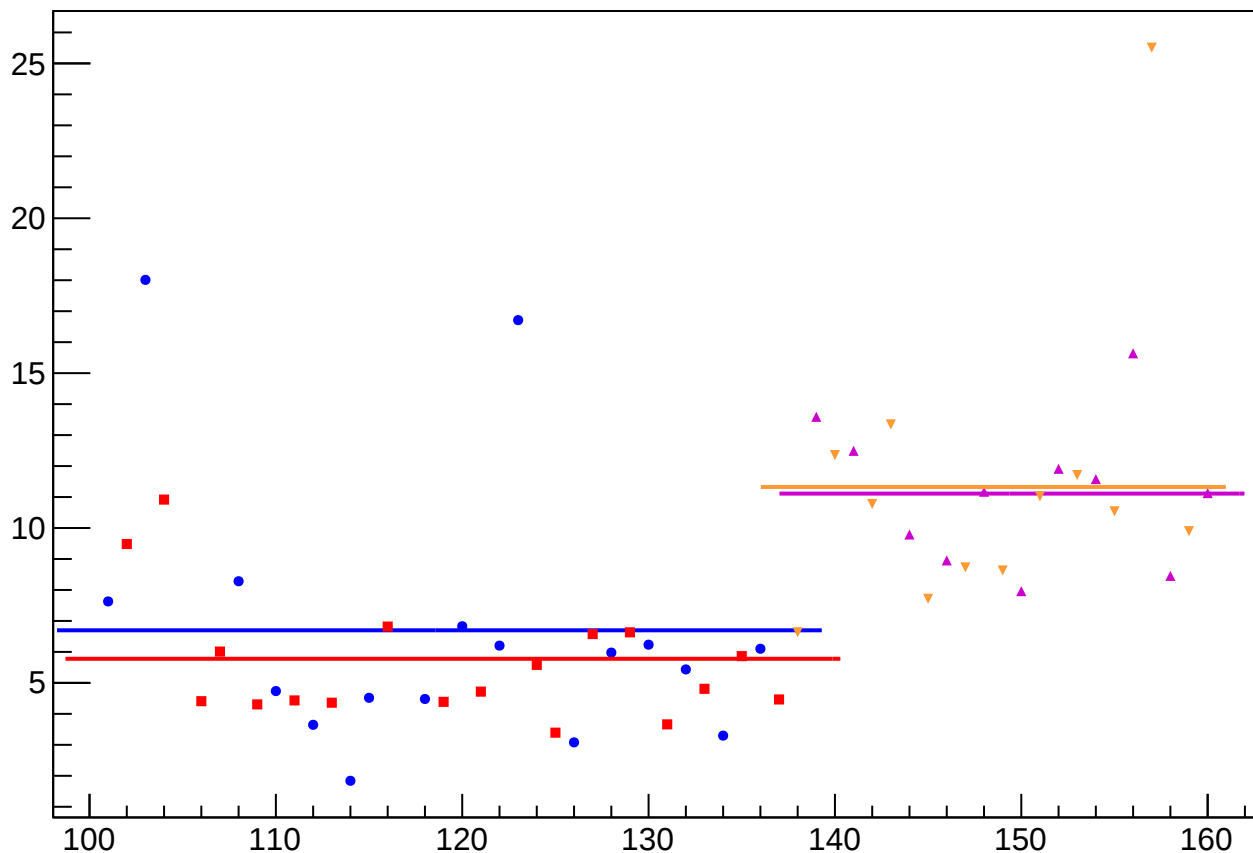
All: 1138.646+/-0.000 χ^2/NDF : 15044351621

dit_11X12X_coil1_mean vs Slug



Right In: -207.905 ± 0.000 χ^2/NDF : 932229169633108948090208893374824448.0/16
 Left Out: -220.938 ± 0.000 χ^2/NDF : 725702280929192018663060859751759872.0/11
 Right Out: -203.621 ± 0.000 χ^2/NDF : 555366082114711816530063438779514880.0/17
 Left In: -231.896 ± 0.000 χ^2/NDF : 183329680516479381507897892871864320.0/10

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.697 $\pm$ 0.000 χ^2 /NDF: 10220265362684500644667484757032960.0/16

Left Out: 11.325 $\pm$ 0.000 χ^2 /NDF: 19360042625652449313367034255376384.0/11

Right Out: 5.778 $\pm$ 0.000 χ^2 /NDF: 3154580715579075896881670619398144.0/17

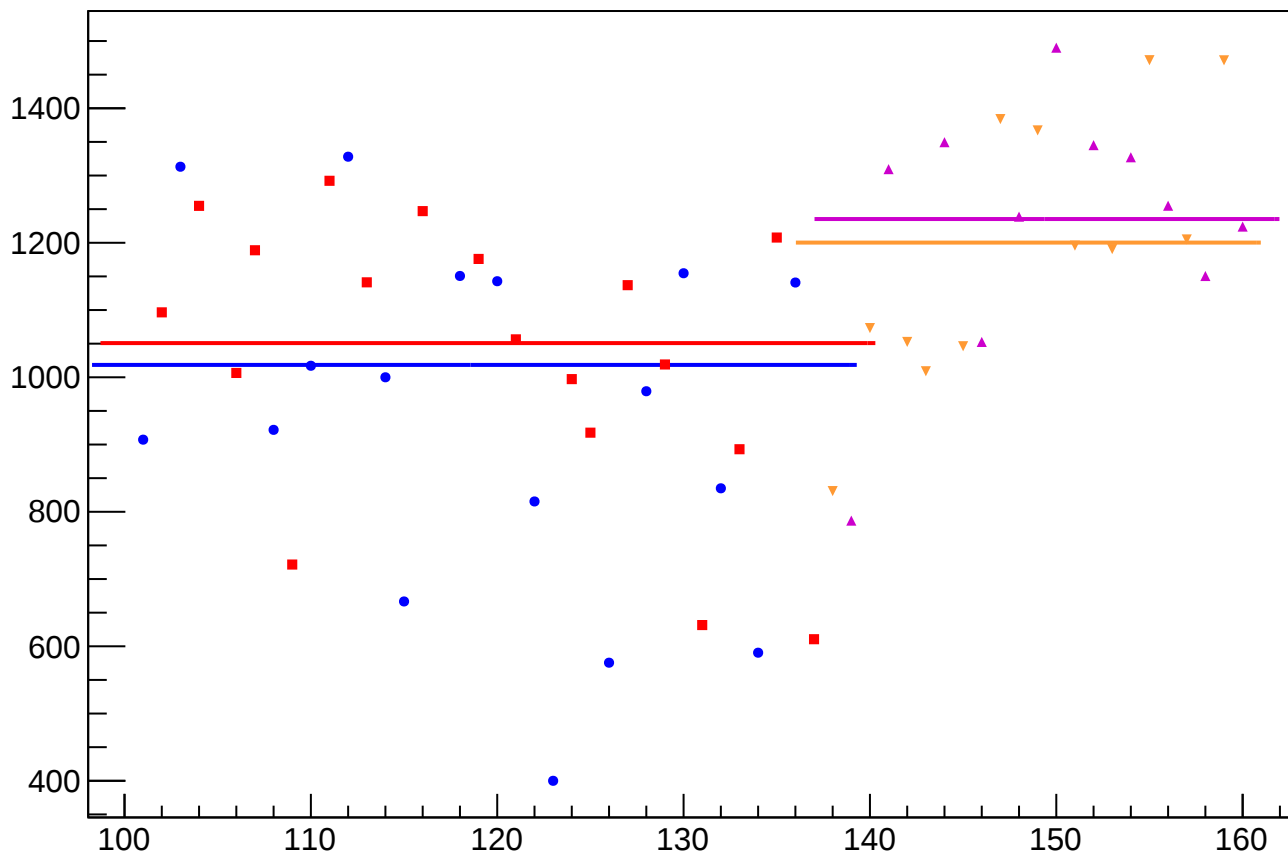
Left In: 11.111 $\pm$ 0.000 χ^2 /NDF: 4392167277443947568386278164529152.0/10

+ sign 9.322 $\pm$ 0.000 χ^2 /NDF: 38008187746633250

All: 9.056 $\pm$ 0.000 χ^2 /NDF: 57290015825980

- sign 8.798 $\pm$ 0.000 χ^2 /NDF: 19058642886632659

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

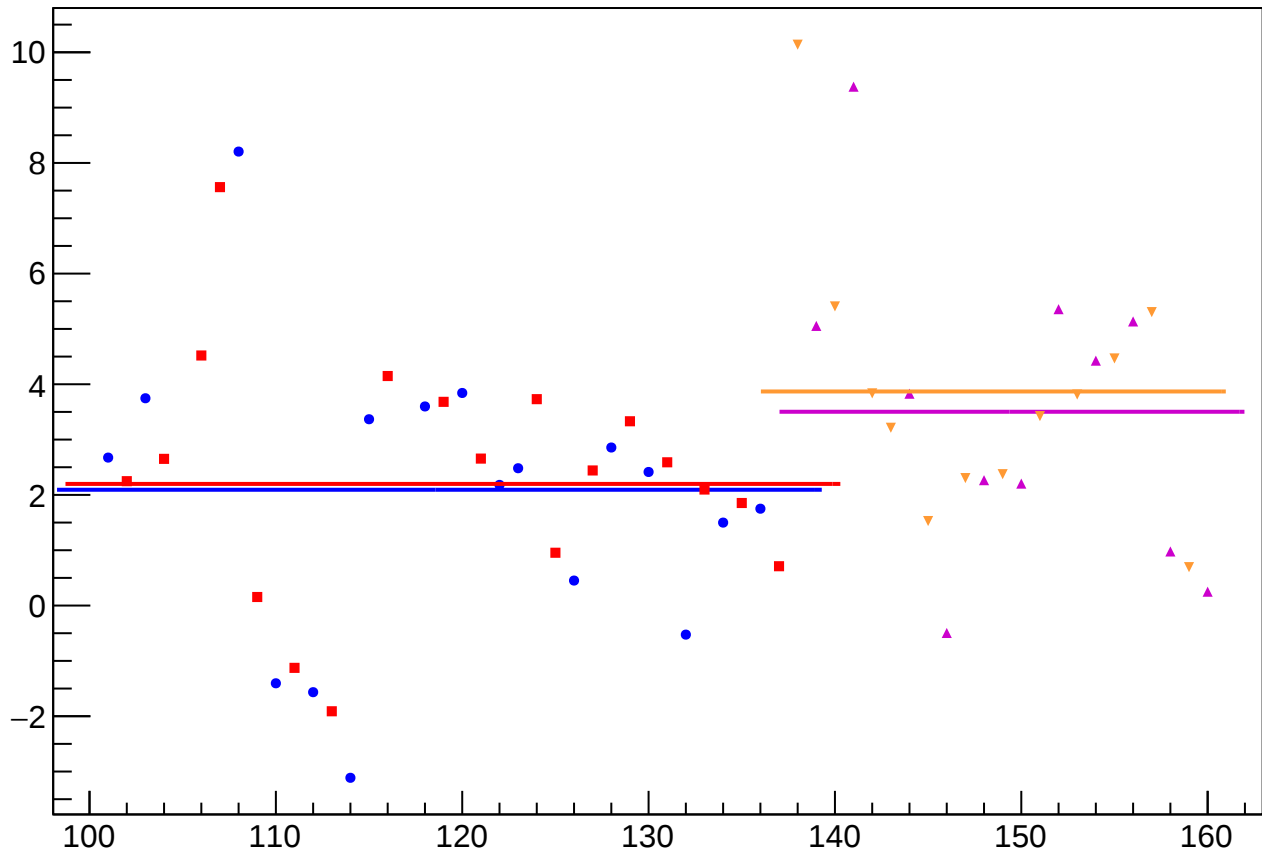
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_4aY_coil1_mean vs Slug



Right In: 2.093 $\pm$ 0.000 χ^2 /NDF: 3708588340032367175525218060861440.0/16

+ sign 3.100 $\pm$ 0.000 χ^2 /NDF: 10047584366193462

Left Out: 3.870 $\pm$ 0.000 χ^2 /NDF: 5096895495074779754701121480818688.0/11

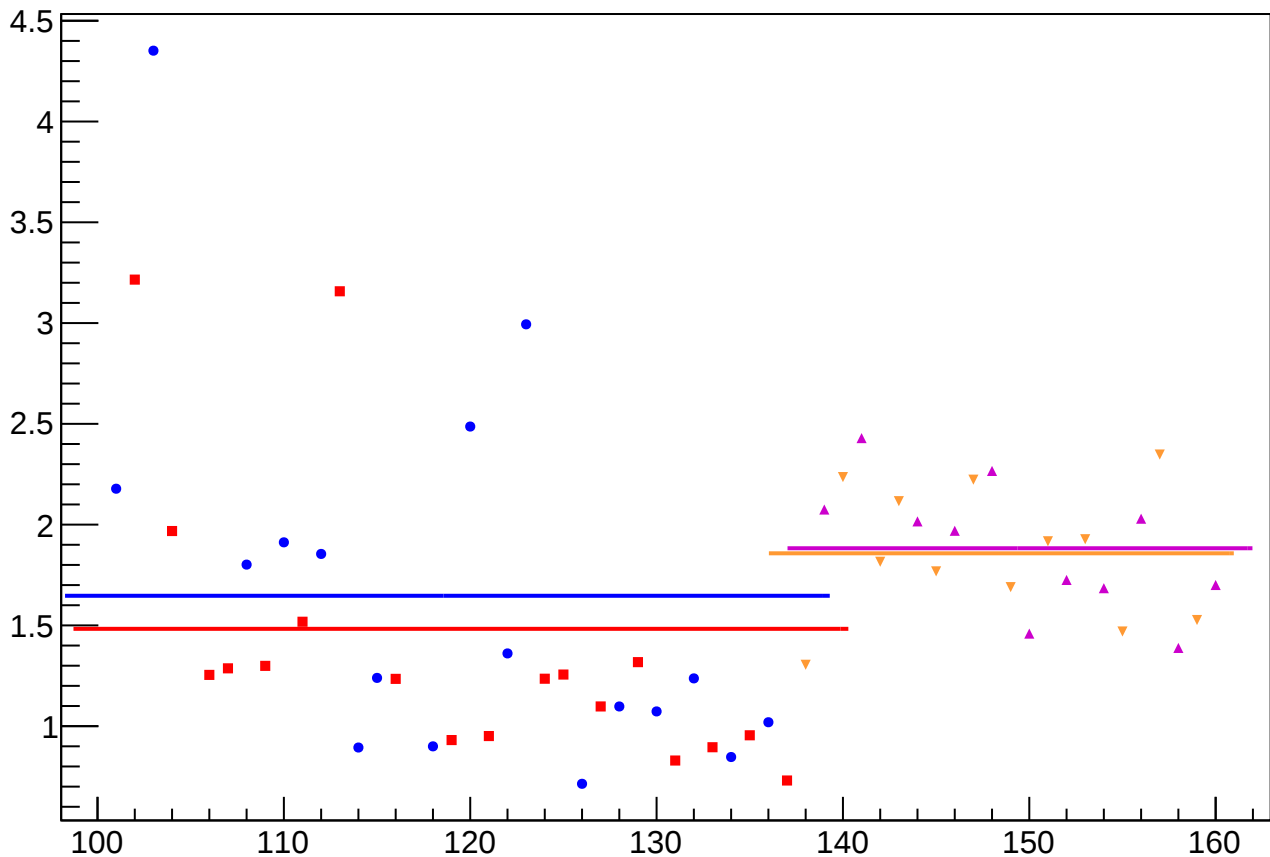
All: 3.018 $\pm$ 0.000 χ^2 /NDF: 20594856033340

Right Out: 2.199 $\pm$ 0.000 χ^2 /NDF: 3107113733134423203865144181391360.0/17

- sign 2.937 $\pm$ 0.000 χ^2 /NDF: 10525561442982539

Left In: 3.503 $\pm$ 0.000 χ^2 /NDF: 6729958277549549509263051005624320.0/10

dit_4aY_coil1_err_mean vs Slug



Right In: 1.647 $\pm$ 0.000 χ^2 /NDF: 651088572320131635658625105526784.0/16

Left Out: 1.858 $\pm$ 0.000 χ^2 /NDF: 92819096352183662549607808761856.0/11

Right Out: 1.483 $\pm$ 0.000 χ^2 /NDF: 413770473105203088009551048343552.0/17

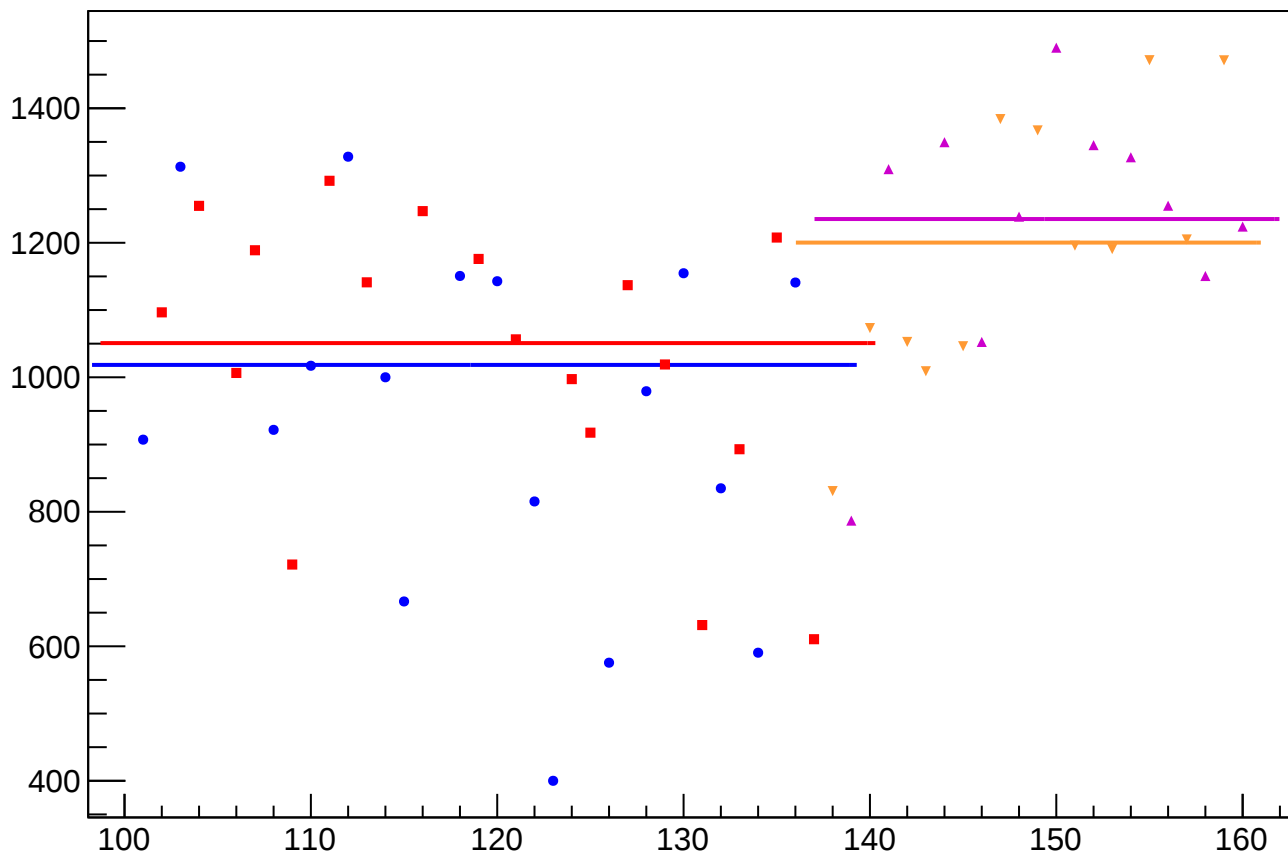
Left In: 1.883 $\pm$ 0.000 χ^2 /NDF: 89198060548496721731654669828096.0/10

+ sign 1.766 $\pm$ 0.000 χ^2 /NDF: 76137603916133159

All: 1.737 $\pm$ 0.000 χ^2 /NDF: 13316969911965

- sign 1.709 $\pm$ 0.000 χ^2 /NDF: 56766796820229058

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

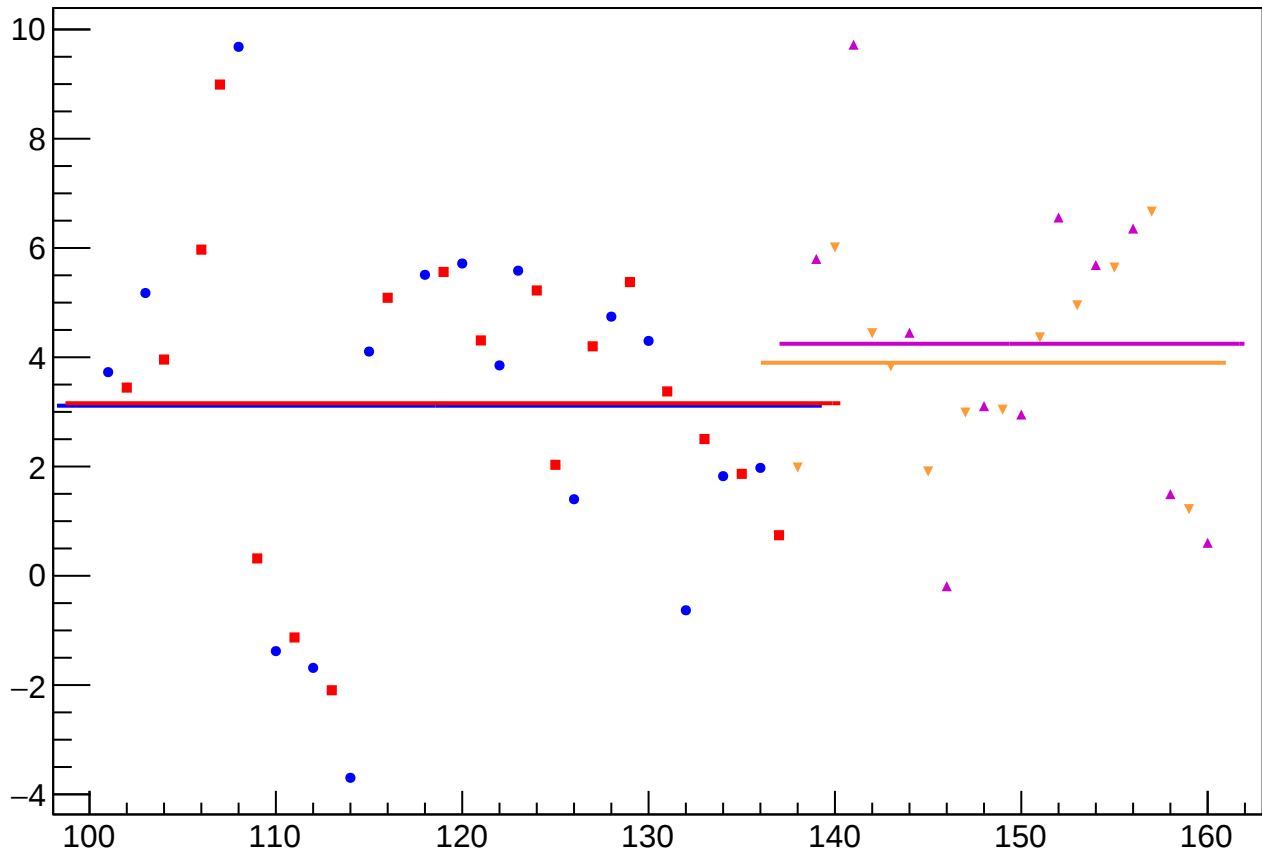
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

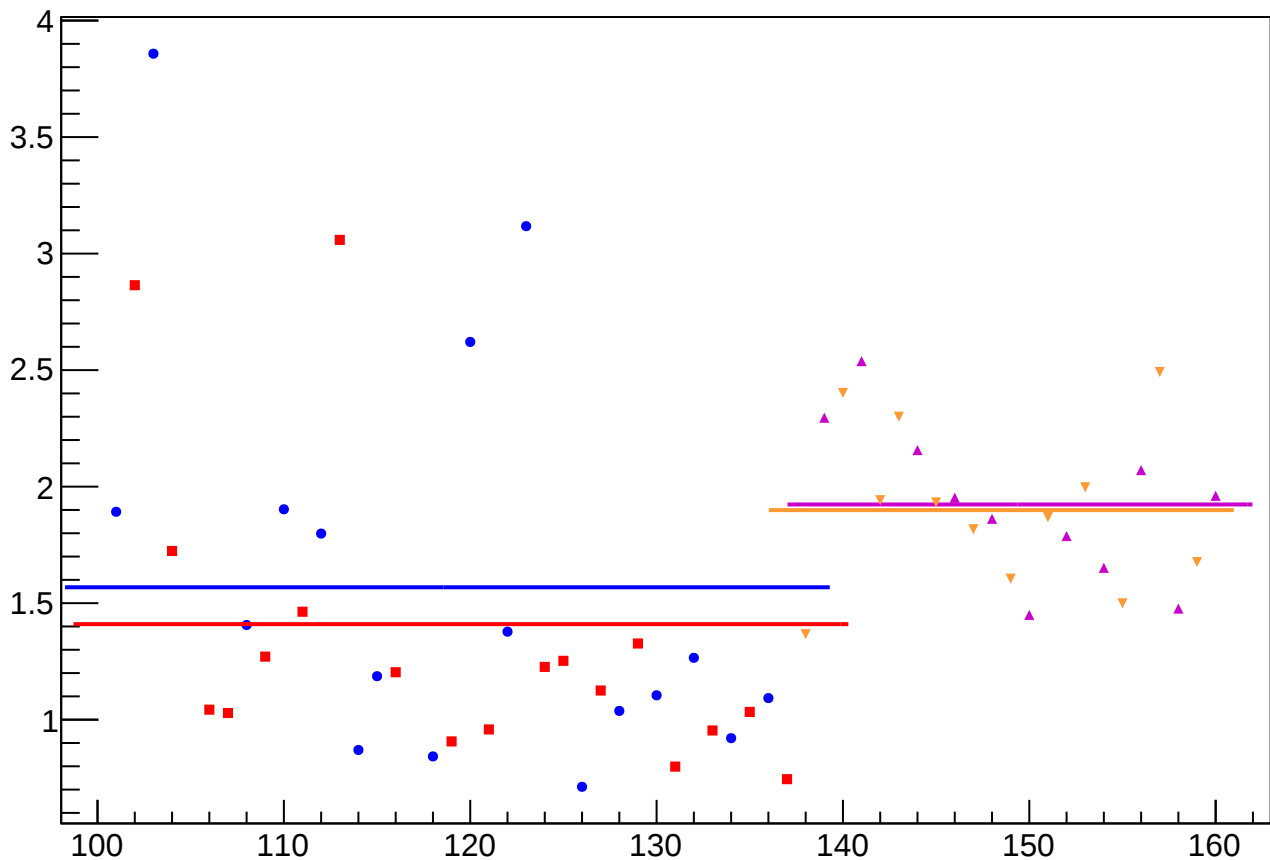
dit_4eY_coil1_mean vs Slug



Right In: 3.113+/-0.000	χ^2/NDF : 5969364473683453458180416326336512.0/16
Left Out: 3.899+/-0.000	χ^2/NDF : 2596063476262392643786187397398528.0/11
Right Out: 3.158+/-0.000	χ^2/NDF : 5013186540103138237647291198472192.0/17
Left In: 4.247+/-0.000	χ^2/NDF : 7362557296783828788324476360065024.0/10

+ sign 3.559+/-0.000 χ^2/NDF : 88084978465121807
 All: 3.668+/-0.000 χ^2/NDF : 21701782292793
 - sign 3.775+/-0.000 χ^2/NDF : 12855486338811030

dit_4eY_coil1_err_mean vs Slug



Right In: 1.568+/-0.000 χ^2/NDF : 496968559591870447992286312660992.0/16

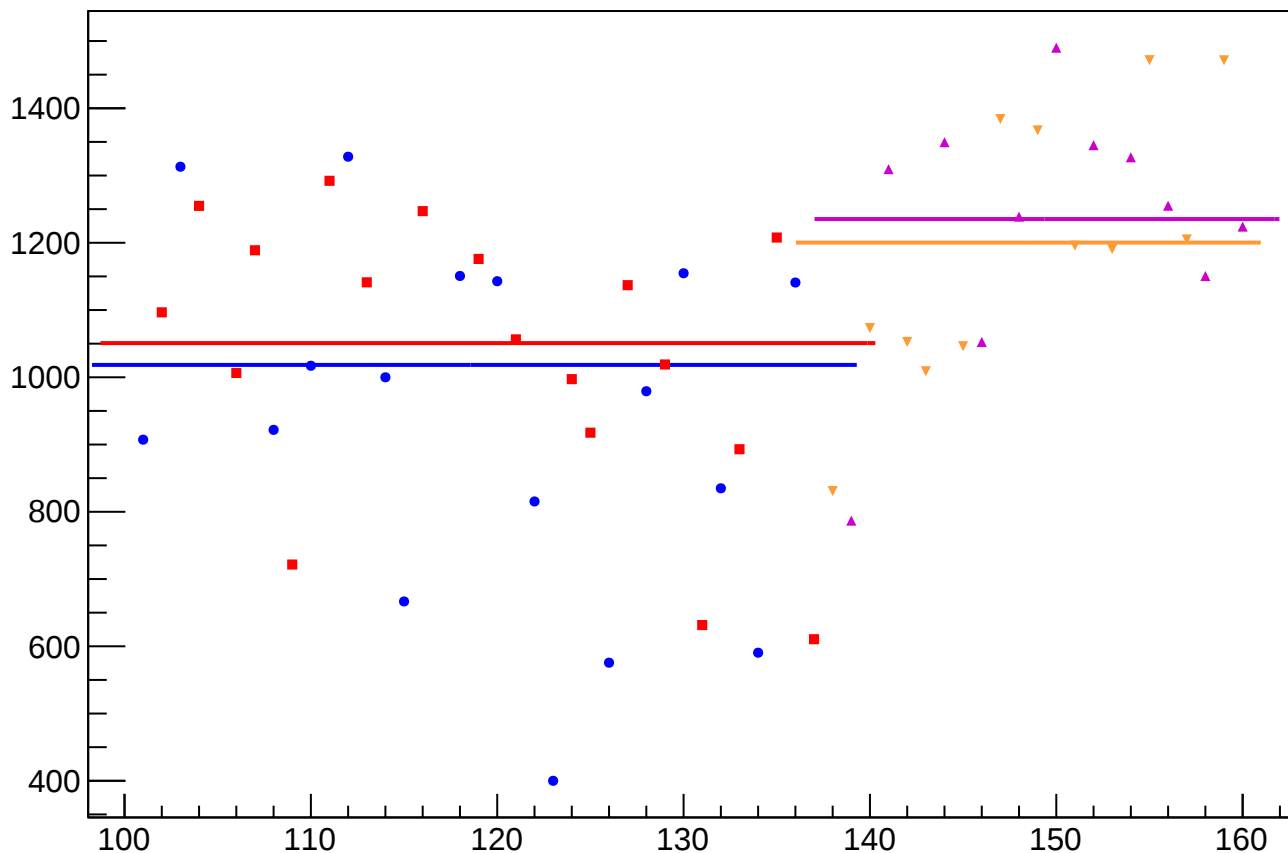
Left Out: 1.899+/-0.000 χ^2/NDF : 105245400634415170842187400216576.0/11

Right Out: 1.410+/-0.000 χ^2/NDF : 328993477679498579442129623318528.0/17

Left In: 1.924+/-0.000 χ^2/NDF : 95242962939028869202536503967744.0/10

All: 1.728+/-0.000 χ^2/NDF : 11788652842283.0/44

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

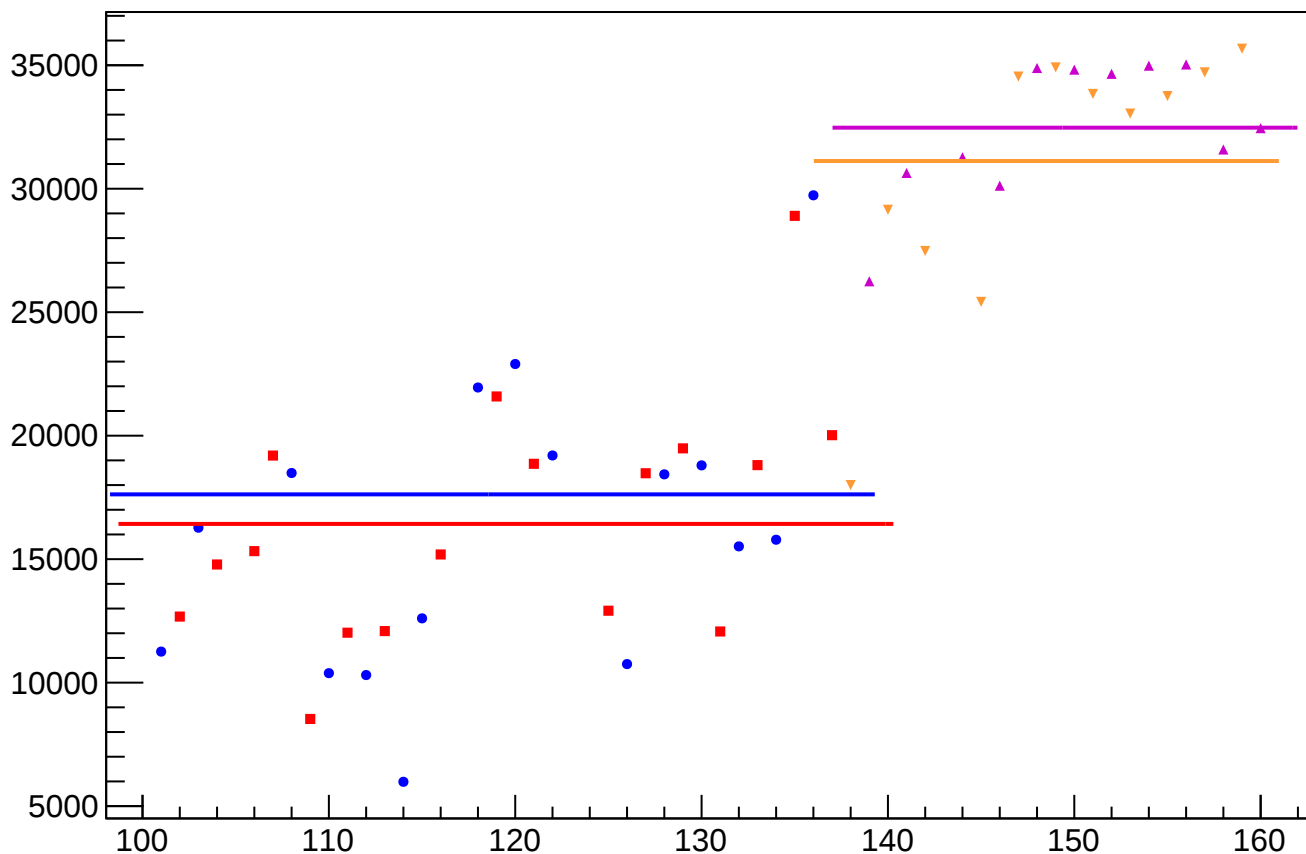
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

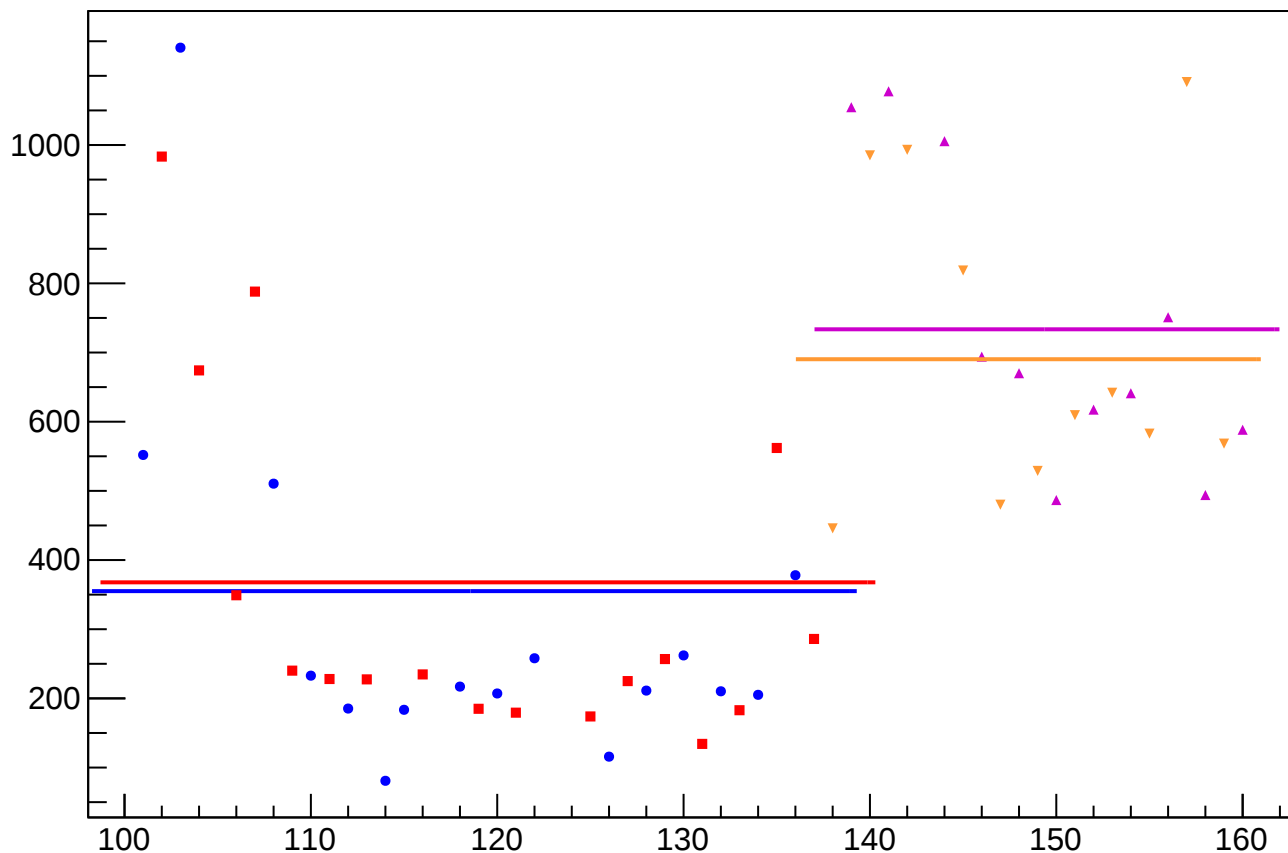
dit_usl_coil1_mean vs Slug



Right In: 17623.415+/-0.000	χ^2/NDF : 26214852160510248108396540611197117923328.0/15
Left Out: 31121.908+/-0.000	χ^2/NDF : 23059902976455903047894835429096743239680.0/10
Right Out: 16427.279+/-0.000	χ^2/NDF : 17497664990525804314439933995132913713152.0/16
Left In: 32472.045+/-0.000	χ^2/NDF : 6559386601849495088258310306923846565888.0/10

+ sign 25042.300+/-0.000 χ^2/NDF : 1183739483063
 All: 25324.303+/-0.000 χ^2/NDF : 2457090878
 - sign 25588.703+/-0.000 χ^2/NDF : 1270990775388

dit_usl_coil1_err_mean vs Slug



Right In: 355.072+/-0.000 χ^2/NDF : 50262750162224494428361272812030132224.0/15

+ sign 539.324+/-0.000 χ^2/NDF : 130507935432406

Left Out: 690.314+/-0.000 χ^2/NDF : 37624697763034602007656197583819243520.0/10

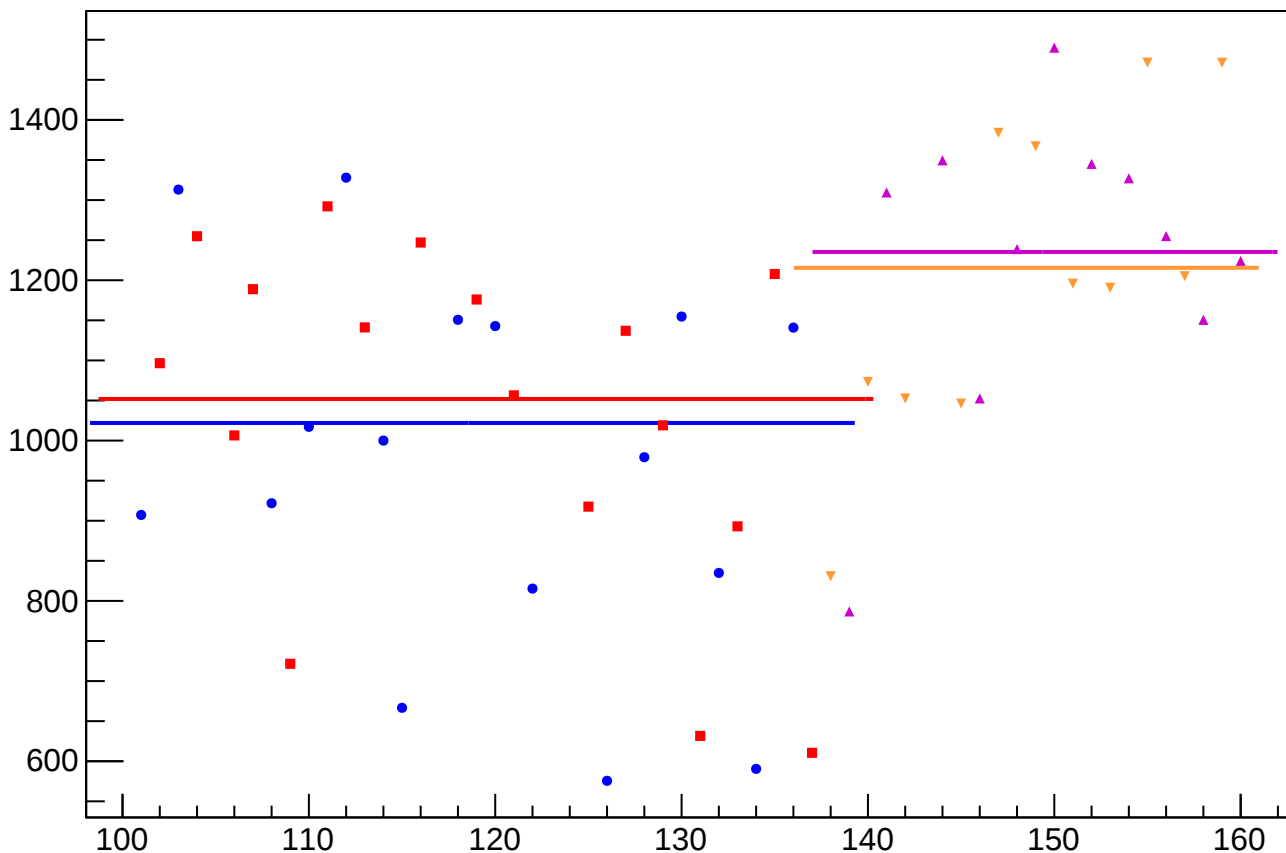
All: 558.586+/-0.000 χ^2/NDF : 271995272205

Right Out: 367.779+/-0.000 χ^2/NDF : 47461092327588428657122003339509235712.0/16

- sign 576.645+/-0.000 χ^2/NDF : 140385998297353

Left In: 733.575+/-0.000 χ^2/NDF : 39366801674031082271771997491878166528.0/10

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1021.988 $\pm$ 0.000 χ^2 /NDF: 31240102732297466680062358937095110656.0/15

+ sign 1128.354 $\pm$ 0.000 χ^2 /NDF: 76820415671627

Left Out: 1215.518 $\pm$ 0.000 χ^2 /NDF: 31376780831313540387850491409995923456.0/10

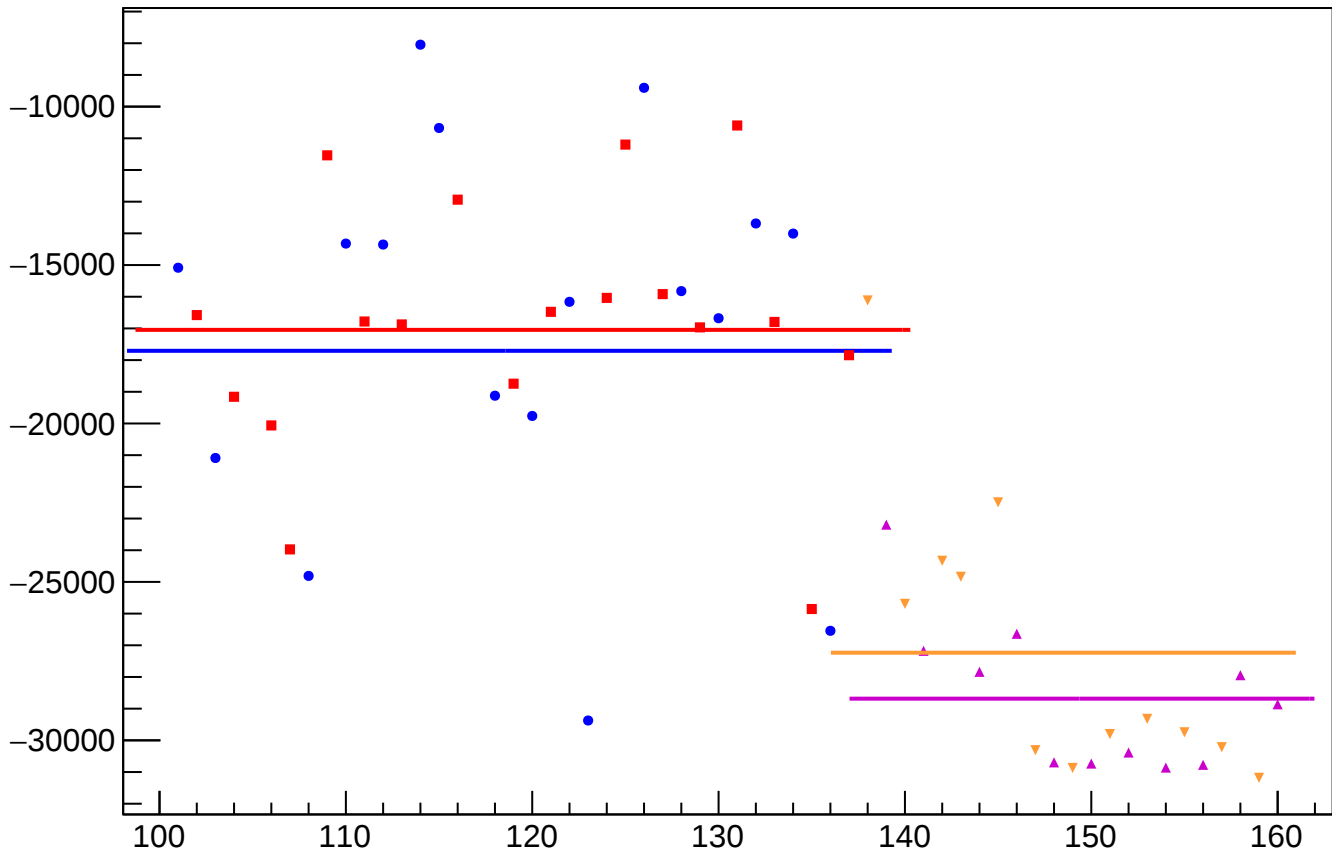
All: 1142.949 $\pm$ 0.000 χ^2 /NDF: 14679583876

Right Out: 1051.912 $\pm$ 0.000 χ^2 /NDF: 26857120331966502825045576618889707520.0/16

- sign 1156.632 $\pm$ 0.000 χ^2 /NDF: 69343142678528

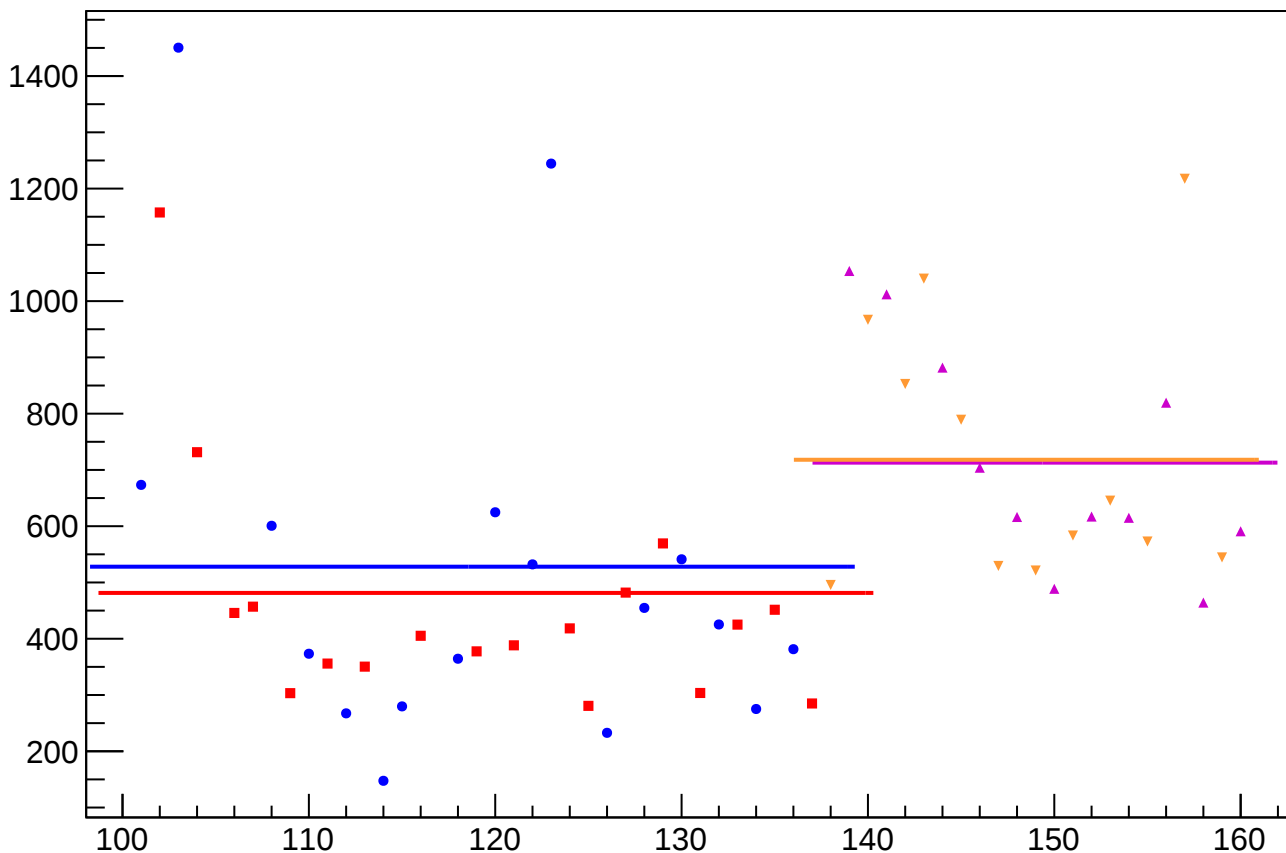
Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_usr_coil1_mean vs Slug



Right In: -17706.432+/-0.000 χ^2/NDF : 17446583920719856354509663675734298722304.0/16
 Left Out: -27234.311+/-0.000 χ^2/NDF : 17501423858802312277149406811030835691520.0/11
 Right Out: -17045.413+/-0.000 χ^2/NDF : 10956517506901040130363493382016229965824.0/17
 Left In: -28684.462+/-0.000 χ^2/NDF : 4838740363214091105444424537307038613504.0/10

dit_usr_coil1_err_mean vs Slug



Right In: 528.041+/-0.000 χ^2/NDF : 69659723827653646879006199384029265920.0/16

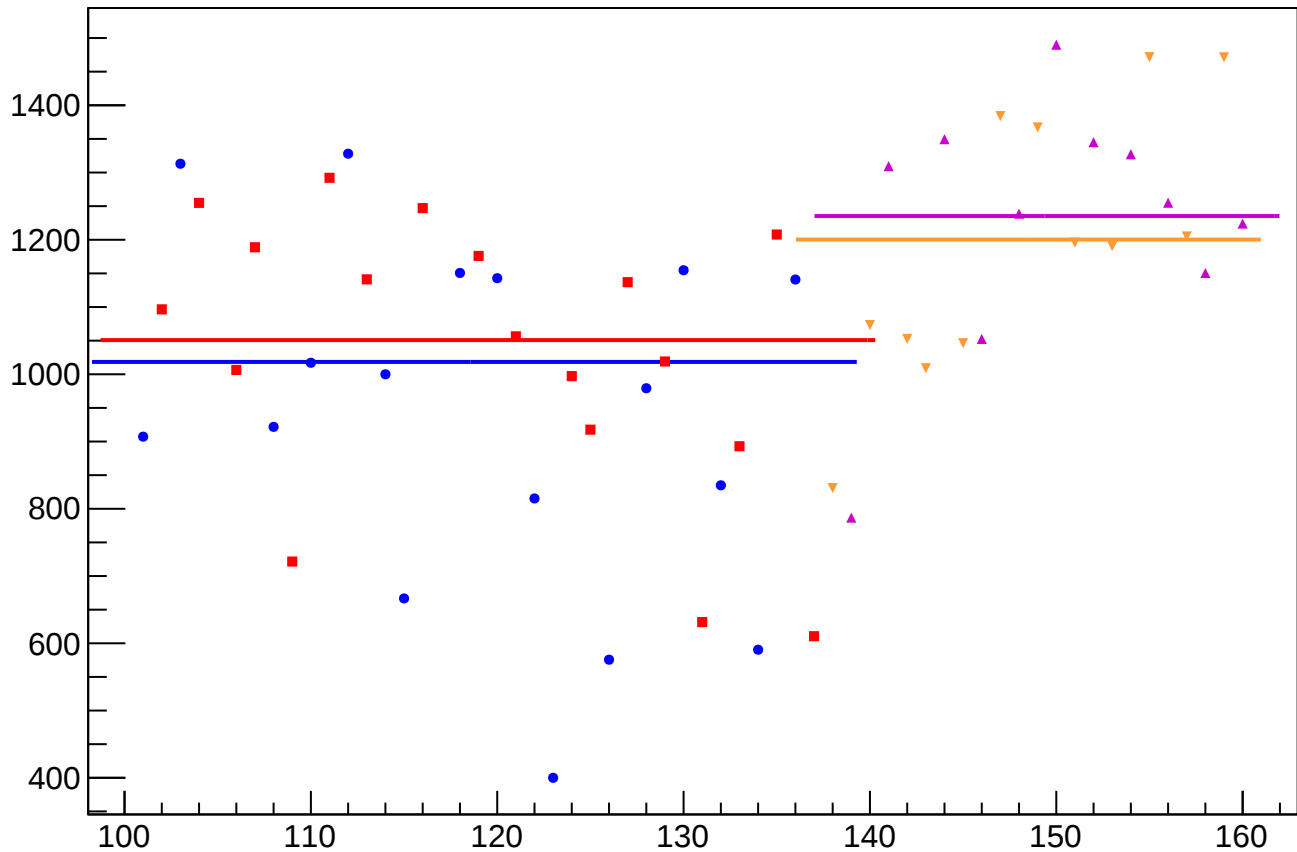
Left Out: 718.075+/-0.000 χ^2/NDF : 47539185486125031464503975982300921856.0/11

Right Out: 481.423+/-0.000 χ^2/NDF : 37781807344960782949995964438094544896.0/17

Left In: 712.956+/-0.000 χ^2/NDF : 33715682233034029284600696449779367936.0/10

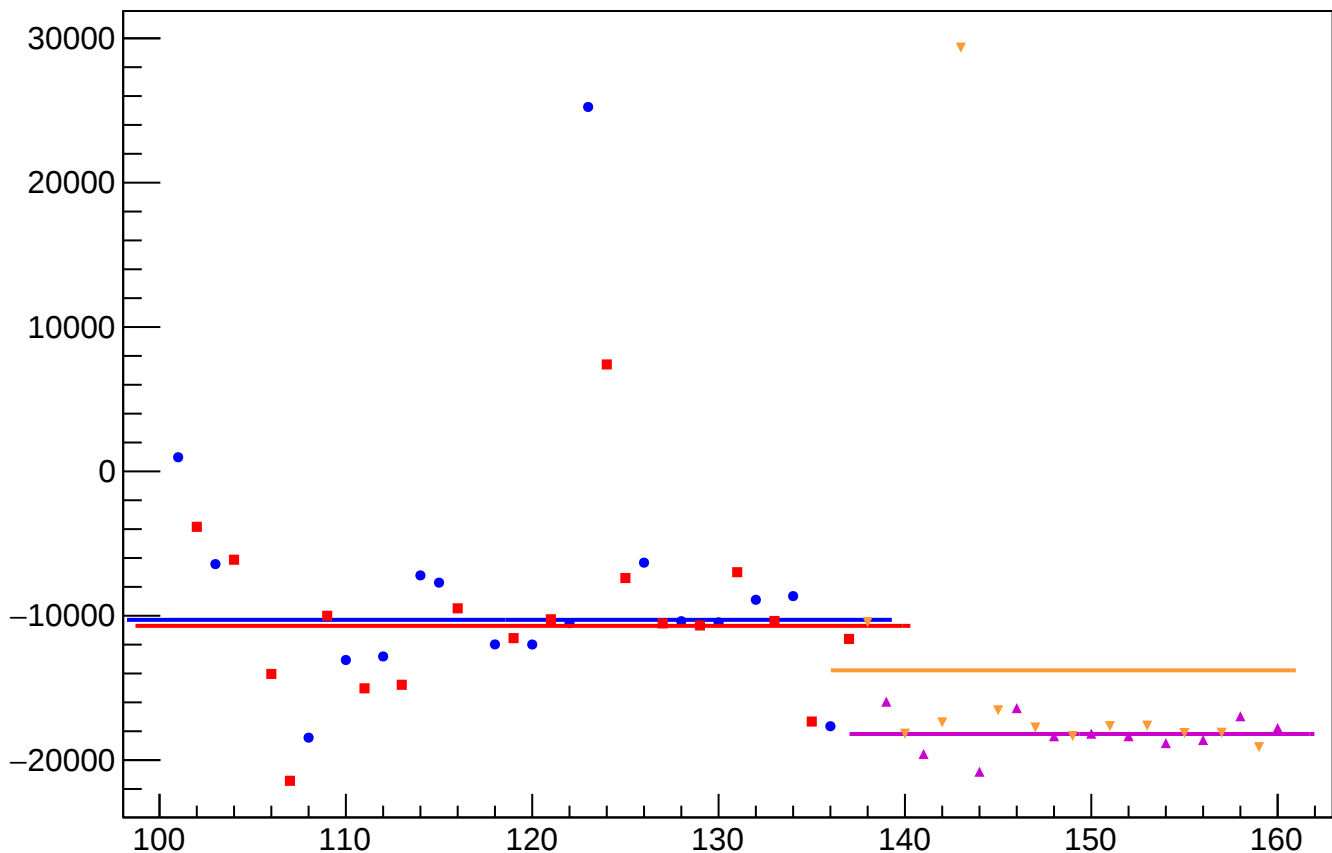
All: 623.991+/-0.000 χ^2/NDF : 2250492594641082246564029284600696449779367936.0/10

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

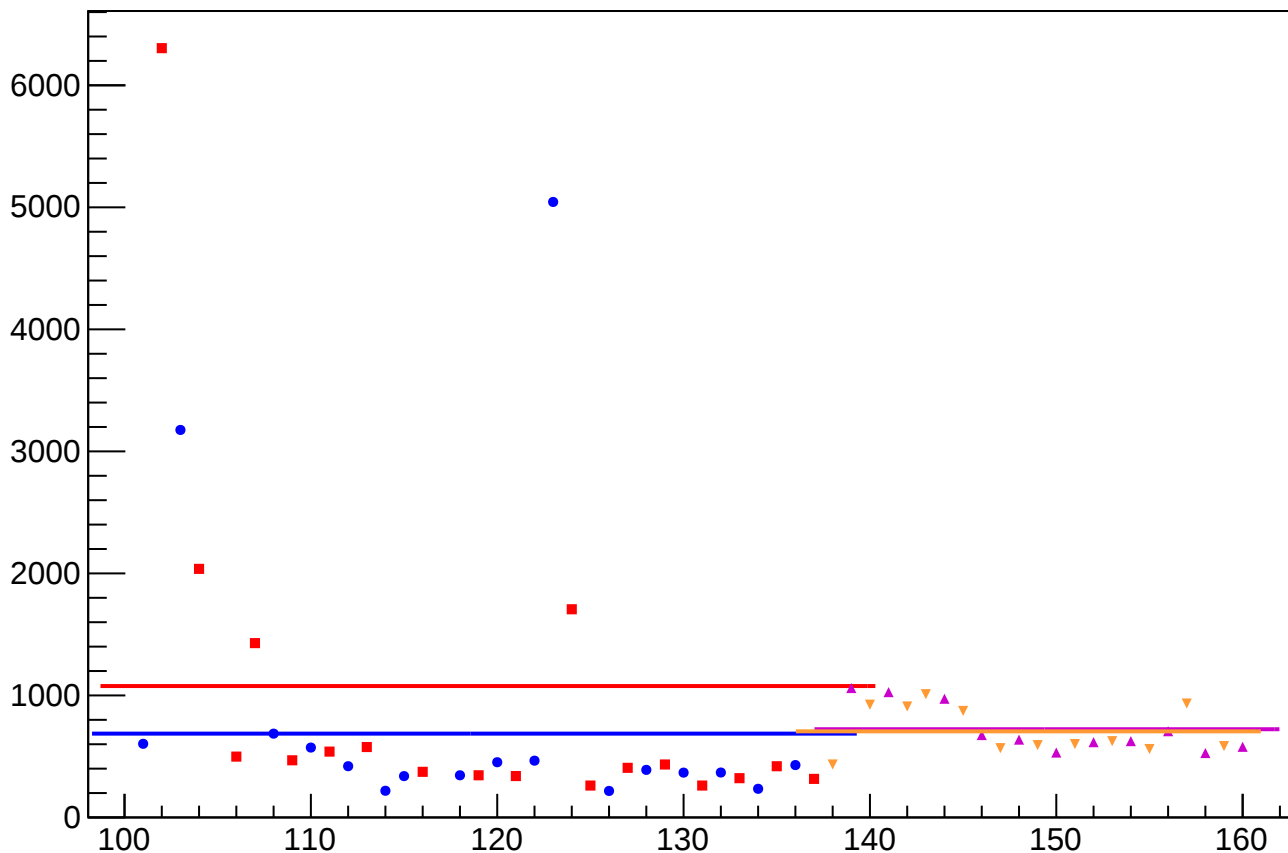
dit_atl1_coil1_mean vs Slug



Right In: -10283.660+/-0.000	χ^2/NDF : 22542685724167344155071704935611221671936.0/16
Left Out: -13780.875+/-0.000	χ^2/NDF : 138817330584648681822484556617162256547840.0/11
Right Out: -10700.860+/-0.000	χ^2/NDF : 17608009820774086602629870631925827239936.0/17
Left In: -18189.629+/-0.000	χ^2/NDF : 1634139917822330923820252034017137786880.0/10

+ sign -12266.797+/-0.000 χ^2/NDF : 166173225473
 All: -13622.182+/-0.000 χ^2/NDF : 213925937
 - sign -14940.557+/-0.000 χ^2/NDF : 4194347920816

dit_atl1_coil1_err_mean vs Slug



Right In: 686.989+/-0.000 χ^2/NDF : 493304193623954738914781428530632720384.0/16

Left Out: 705.686+/-0.000 χ^2/NDF : 30616664019236375652772902235296235520.0/11

Right Out: 1076.905+/-0.000 χ^2/NDF : 1898129082549914246384223466564869947392.0/17

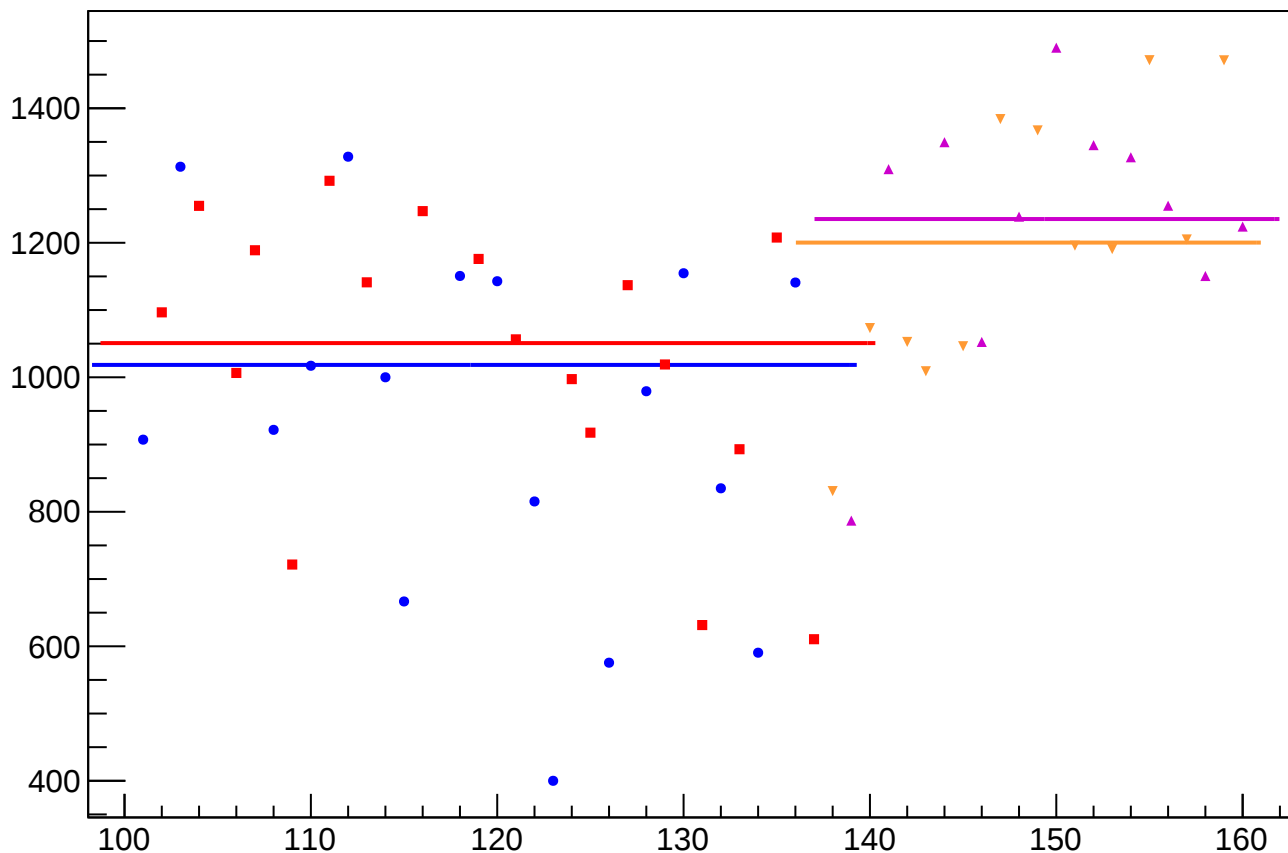
Left In: 722.981+/-0.000 χ^2/NDF : 33412765649158577967580020065397899264.0/10

+ sign 697.591+/-0.000 χ^2/NDF : 524058426538162

All: 788.301+/-0.000 χ^2/NDF : 253232517173

- sign 876.534+/-0.000 χ^2/NDF : 198224700627180

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

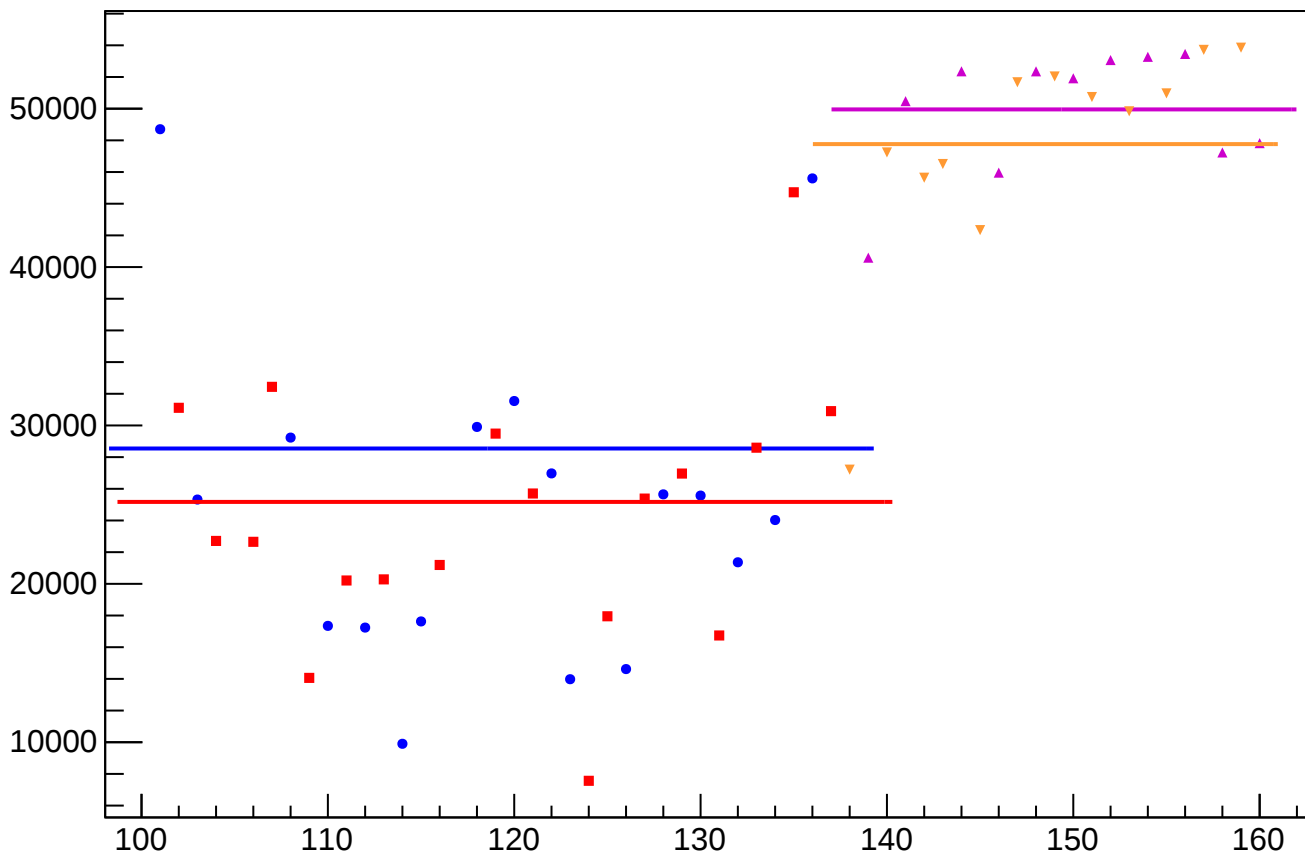
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

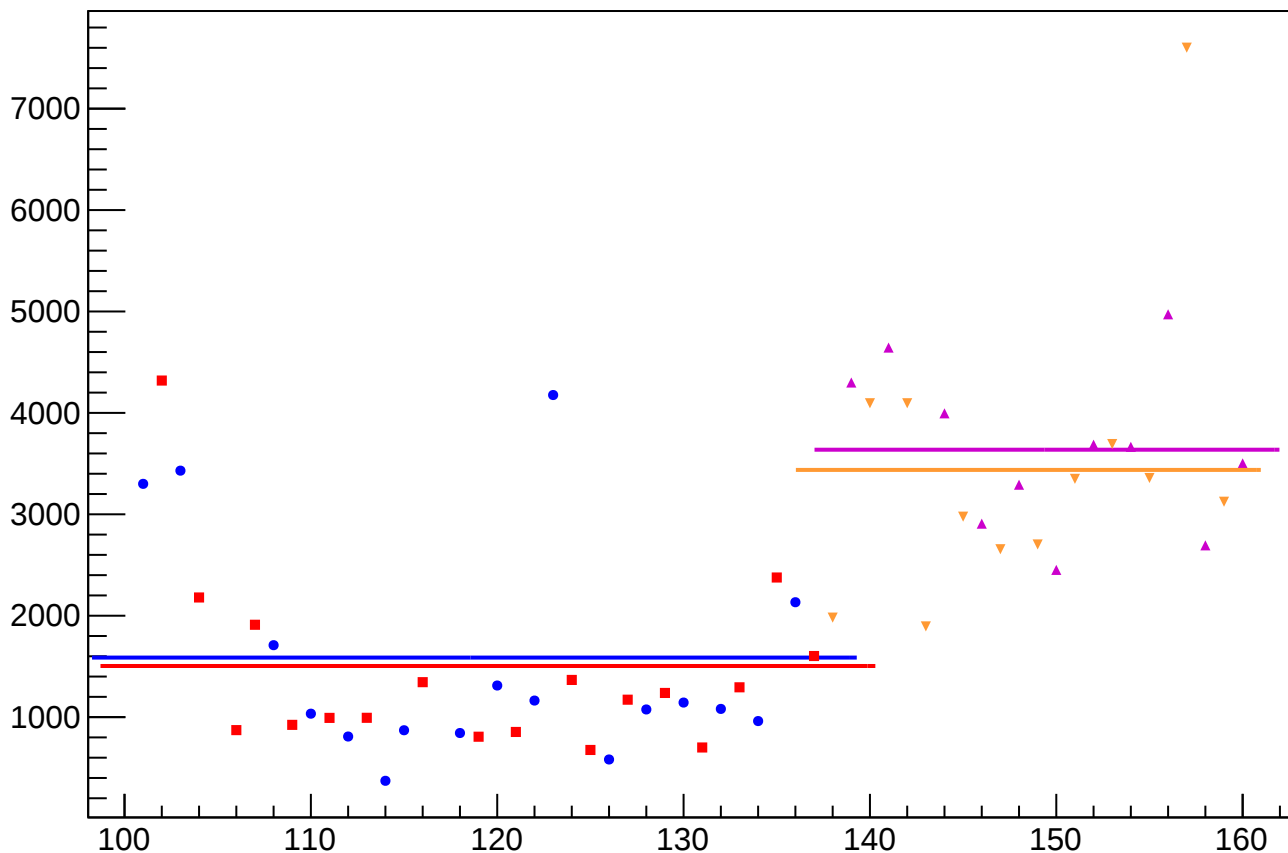
dit_atl2_coil1_mean vs Slug



Right In: 28545.088+/-0.000	χ^2/NDF : 79305503092498524397532941064889916456960.0/16
Left Out: 47763.203+/-0.000	χ^2/NDF : 45759984204233972463295715243734259990528.0/11
Right Out: 25173.072+/-0.000	χ^2/NDF : 42747079455180569490134671830323044548608.0/17
Left In: 49953.612+/-0.000	χ^2/NDF : 13577033864383990821014727544731703705600.0/10

+ sign 39442.946+/-0.000 χ^2/NDF : 2704142672971
 All: 39320.981+/-0.000 χ^2/NDF : 5753572999
 - sign 39202.346+/-0.000 χ^2/NDF : 3048959929215

dit_atl2_coil1_err_mean vs Slug



Right In: 1587.187+/-0.000 χ^2/NDF : 615324434940076903003531567179686215680.0/16

Left Out: 3437.732+/-0.000 χ^2/NDF : 1787367668595754289869839739980022284288.0/11

Right Out: 1504.230+/-0.000 χ^2/NDF : 678771439829187339393474850676239499264.0/17

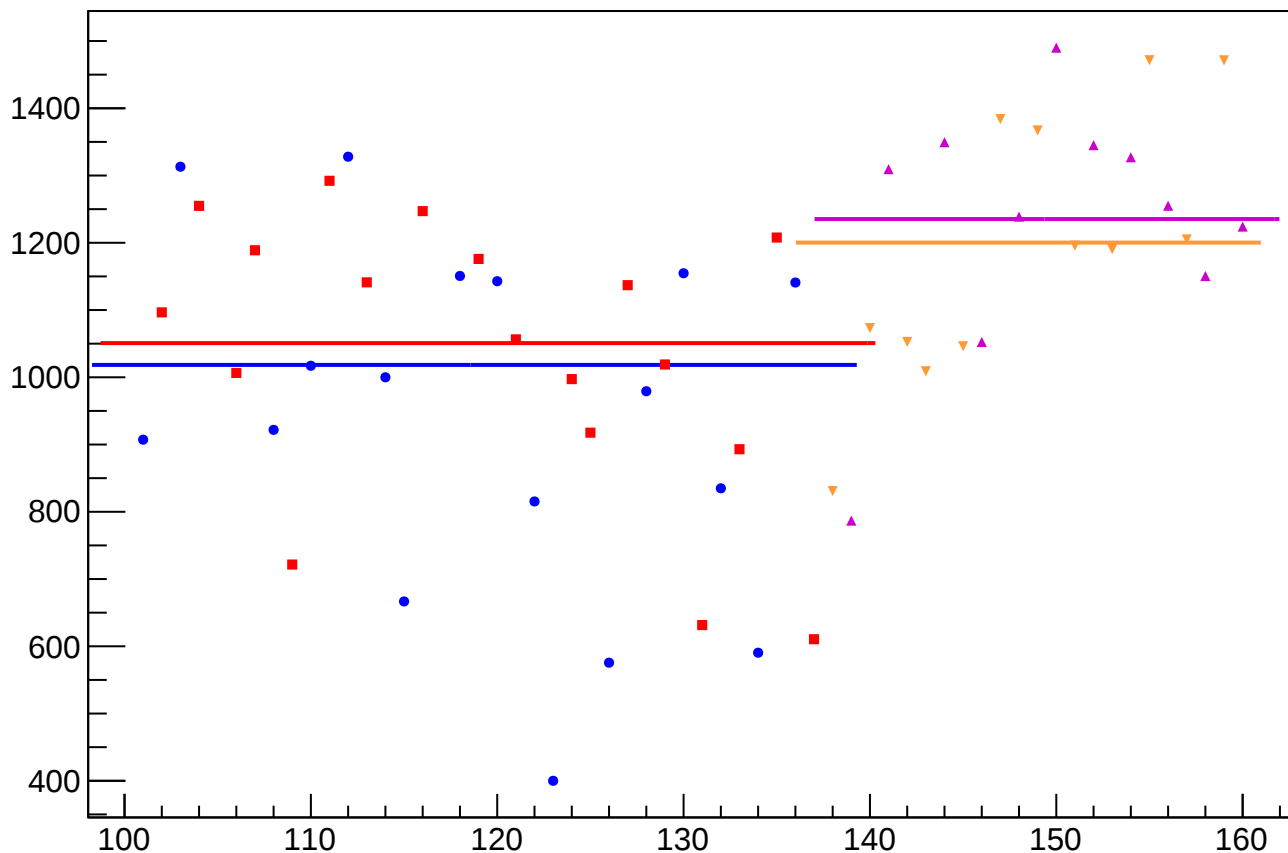
Left In: 3636.942+/-0.000 χ^2/NDF : 531629510499304026743248594251812962304.0/10

All: 2674.623+/-0.000 χ^2/NDF : 68065367246

+ sign 2636.561+/-0.000 χ^2/NDF : 37503796075026

- sign 2711.646+/-0.000 χ^2/NDF : 30515759098820

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

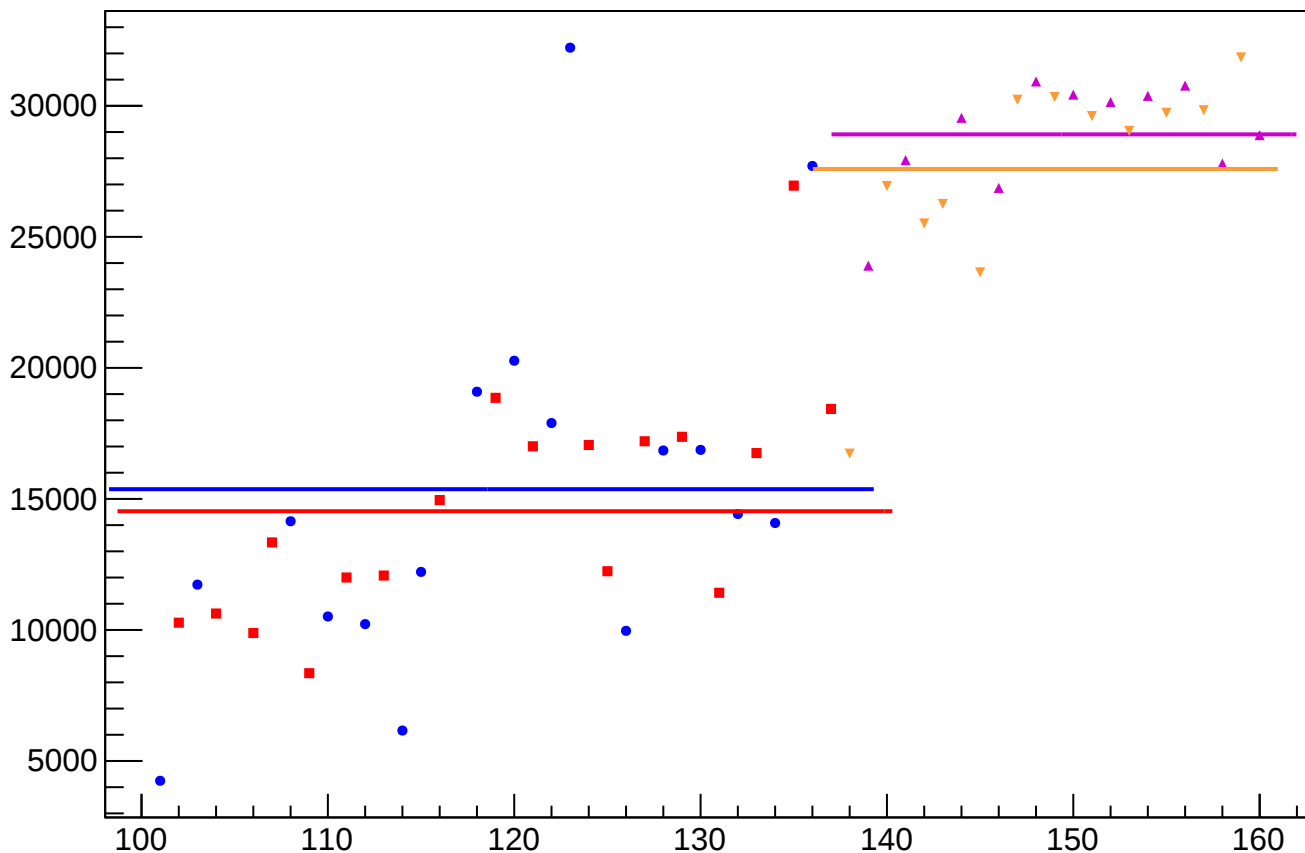
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

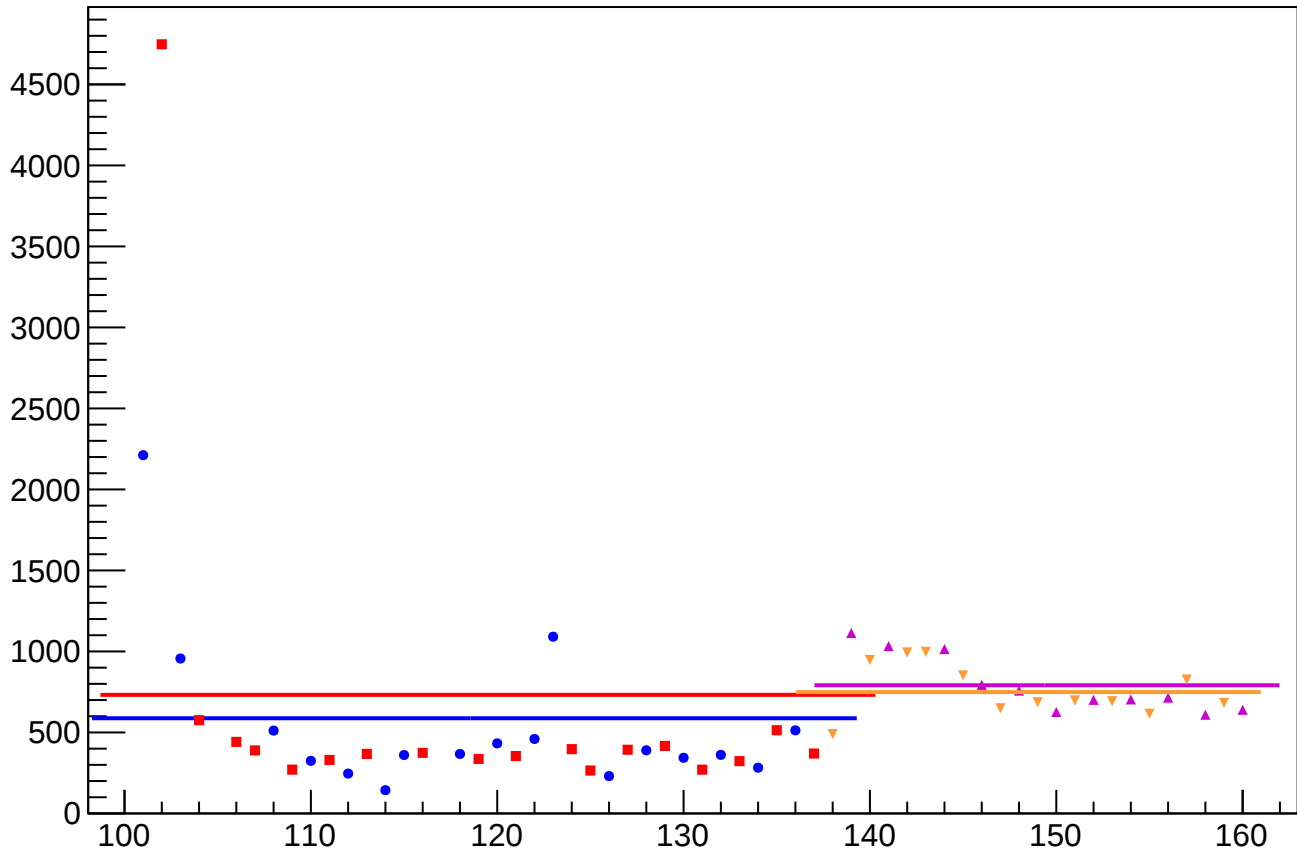
dit_atr1_coil1_mean vs Slug



Right In: 15371.957+/-0.000	χ^2/NDF : 29284474571084462407736251938608521412608.0/16
Left Out: 27590.549+/-0.000	χ^2/NDF : 14629897493361033715378591637422508867584.0/11
Right Out: 14530.553+/-0.000	χ^2/NDF : 15462988113686651104588076983529515253760.0/17
Left In: 28911.407+/-0.000	χ^2/NDF : 3750623516154684604168342640620271042560.0/10

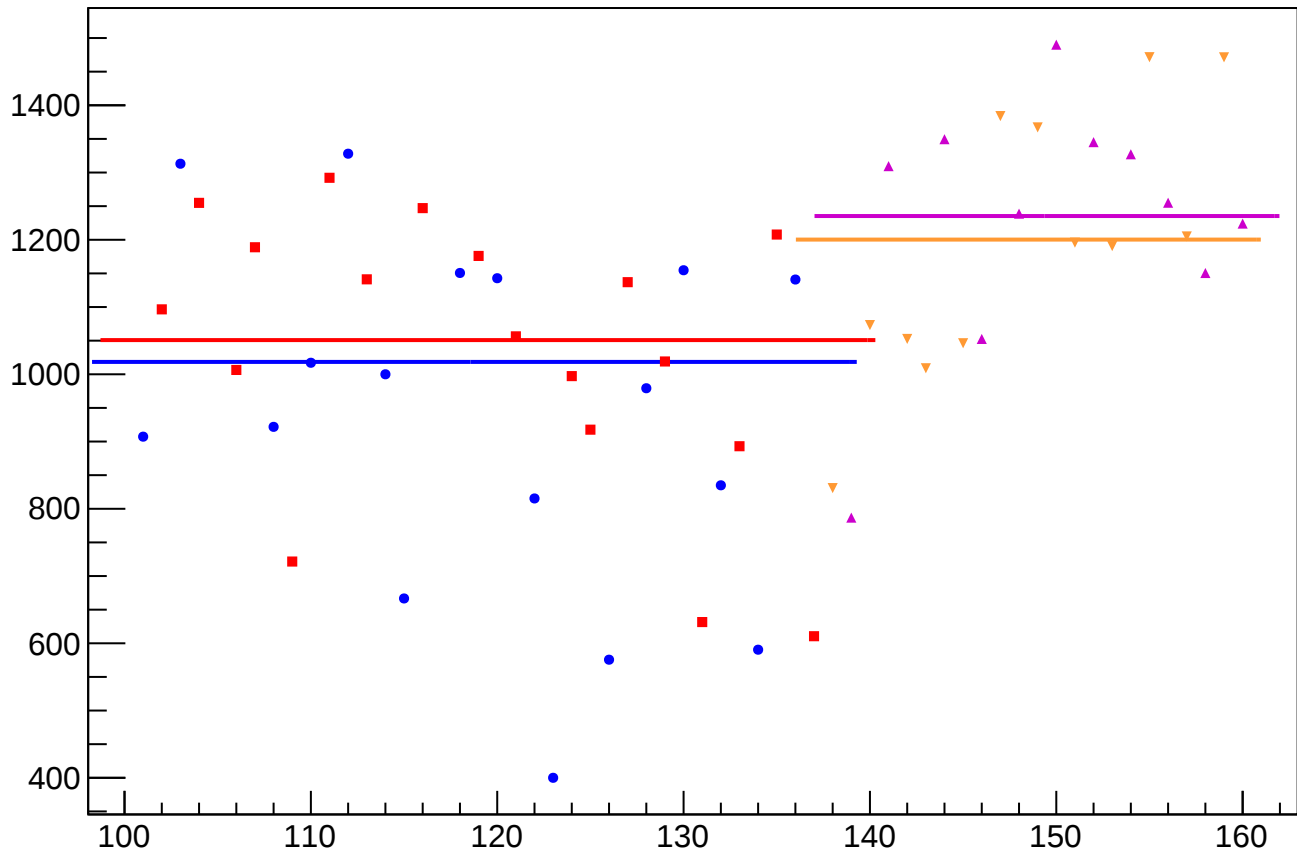
+ sign 22300.654+/-0.000 χ^2/NDF : 1026676602092
 All: 22488.968+/-0.000 χ^2/NDF : 2057077476
 - sign 22672.141+/-0.000 χ^2/NDF : 1029279471087

dit_atr1_coil1_err_mean vs Slug



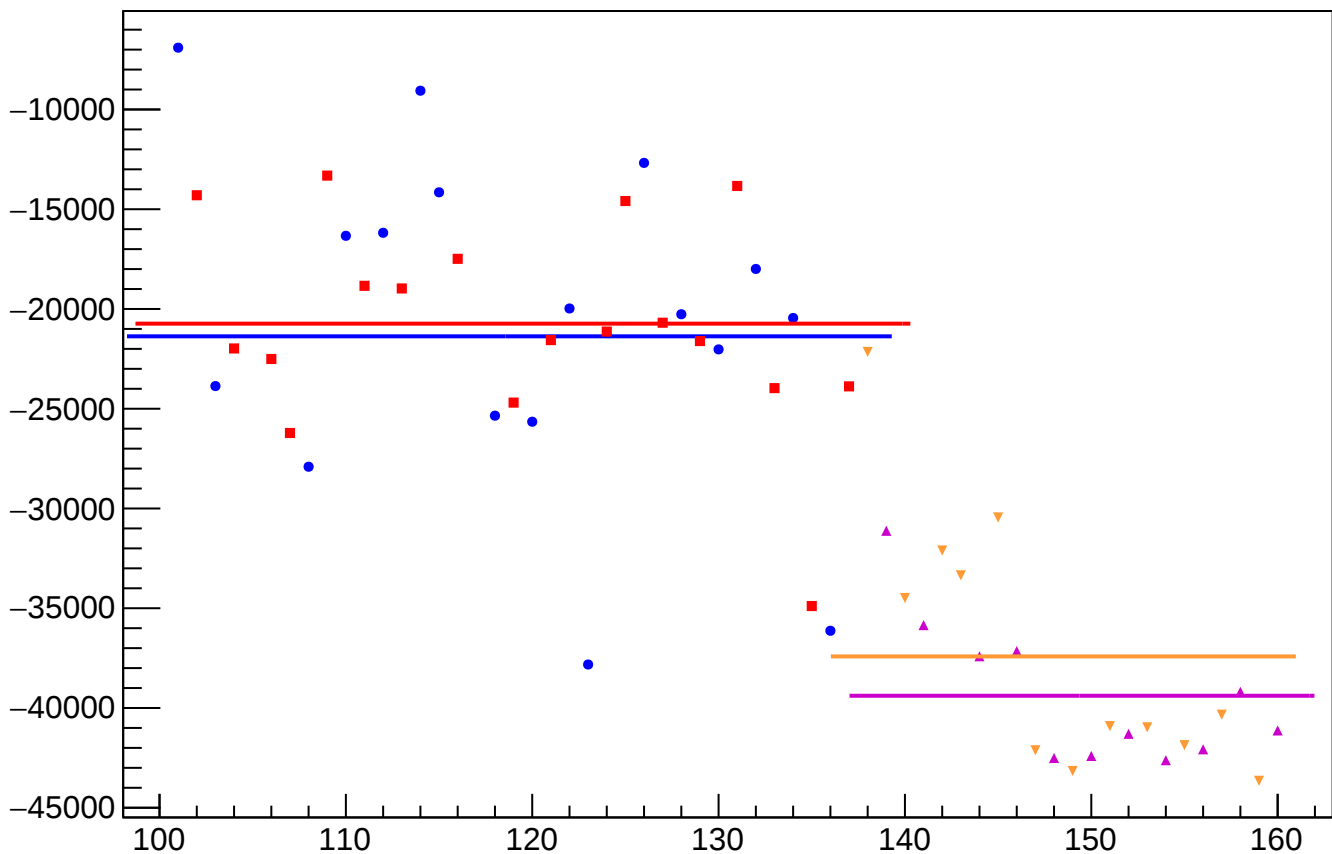
Right In: 587.577+/-0.000 χ^2/NDF : 195107984512310448986091727250308202496.0/16
 Left Out: 749.082+/-0.000 χ^2/NDF : 19986493434775093751754489968960995328.0/11
 Right Out: 732.166+/-0.000 χ^2/NDF : 1022613131551712750449458449642369843200.0/17
 Left In: 791.279+/-0.000 χ^2/NDF : 2682259207642096711518423492795039744.0/10

dit_atr1_coil1_Ndata_mean vs Slug



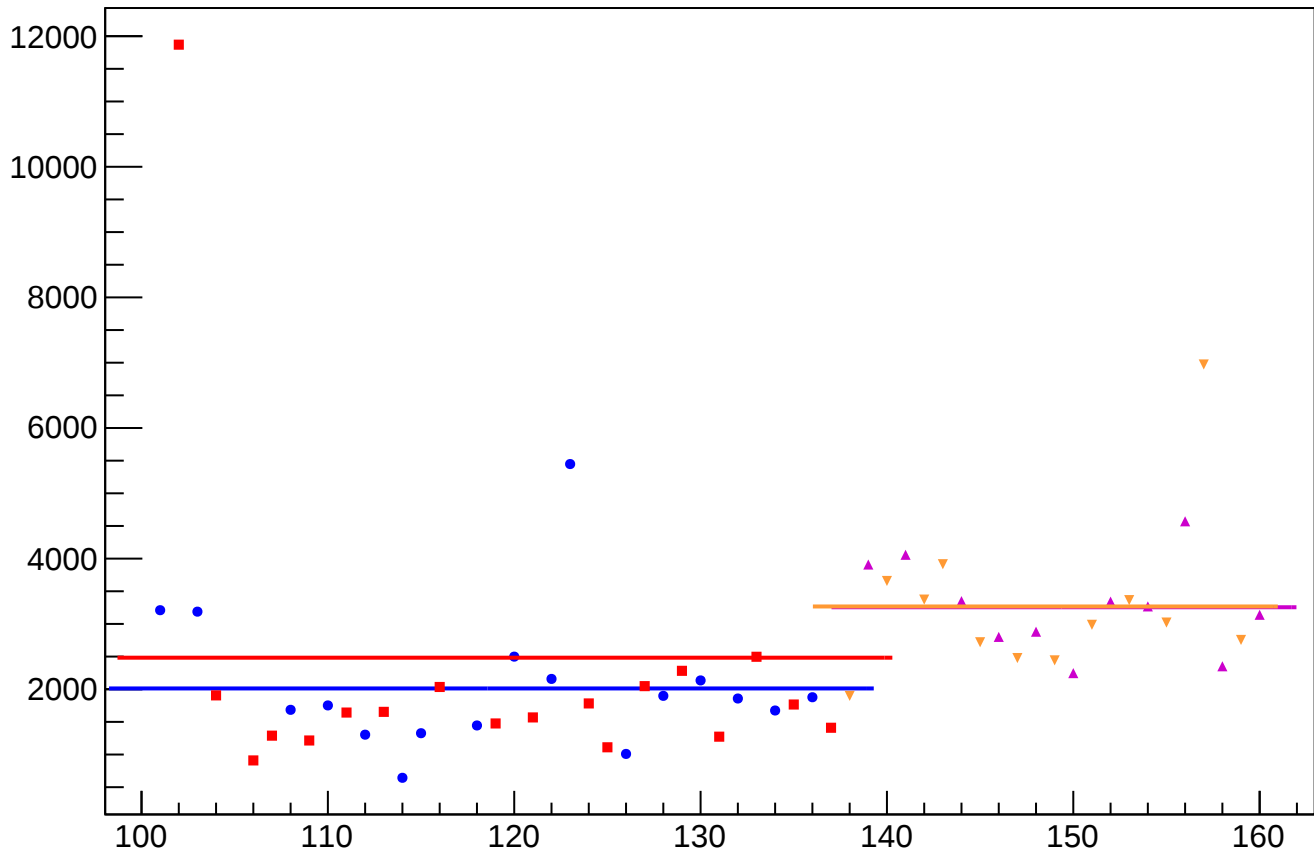
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_atr2_coil1_mean vs Slug



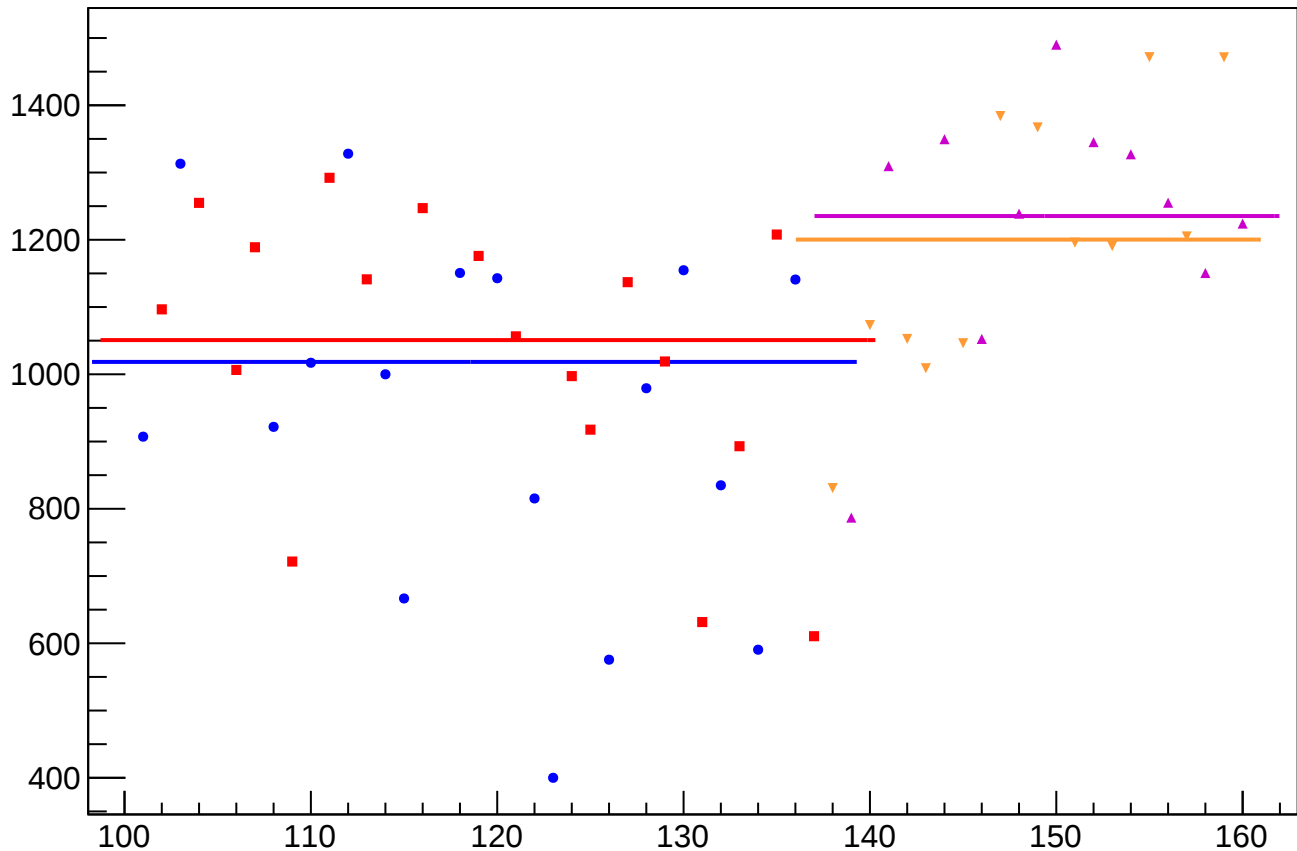
Right In: -21370.339+/-0.000 χ^2/NDF : 44476087148423218769698830448172004802560.0/16
 Left Out: -37415.440+/-0.000 χ^2/NDF : 36893164654983701349381151569495382294528.0/11
 Right Out: -20735.001+/-0.000 χ^2/NDF : 21267884844776863671050573800564620001280.0/17
 Left In: -39386.944+/-0.000 χ^2/NDF : 11090931788233525208634627212015308898304.0/10

dit_atr2_coil1_err_mean vs Slug



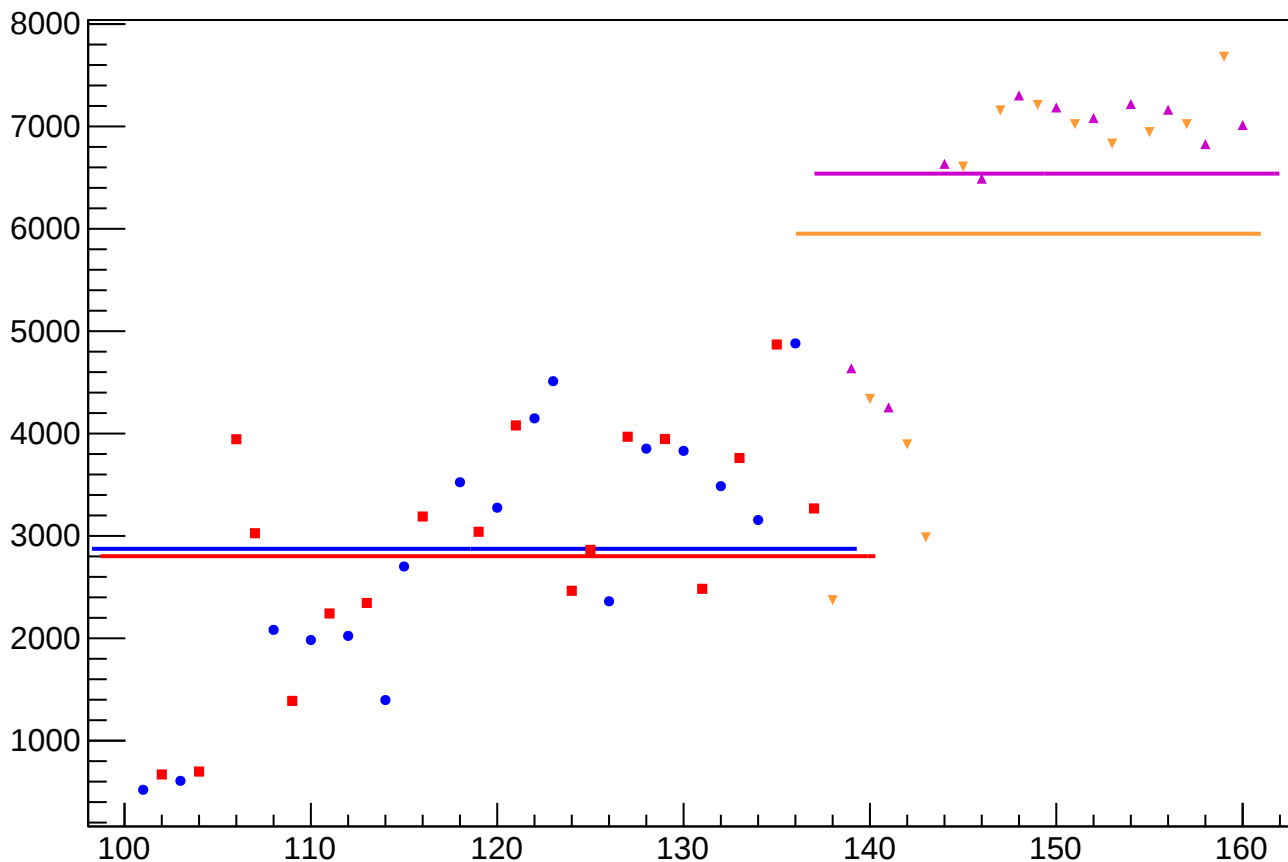
Right In: 2011.970 ± 0.000 χ^2/NDF : 346652592308673178727003456260959895552.0/16
 Left Out: 3267.187 ± 0.000 χ^2/NDF : 1365364759229998432134037030614341779456.0/11
 Right Out: 2482.921 ± 0.000 χ^2/NDF : 5673812113008855047349052904680066121728.0/17
 Left In: 3255.280 ± 0.000 χ^2/NDF : 418327011986445588651238941523934445568.0/10

dit_atr2_coil1_Ndata_mean vs Slug



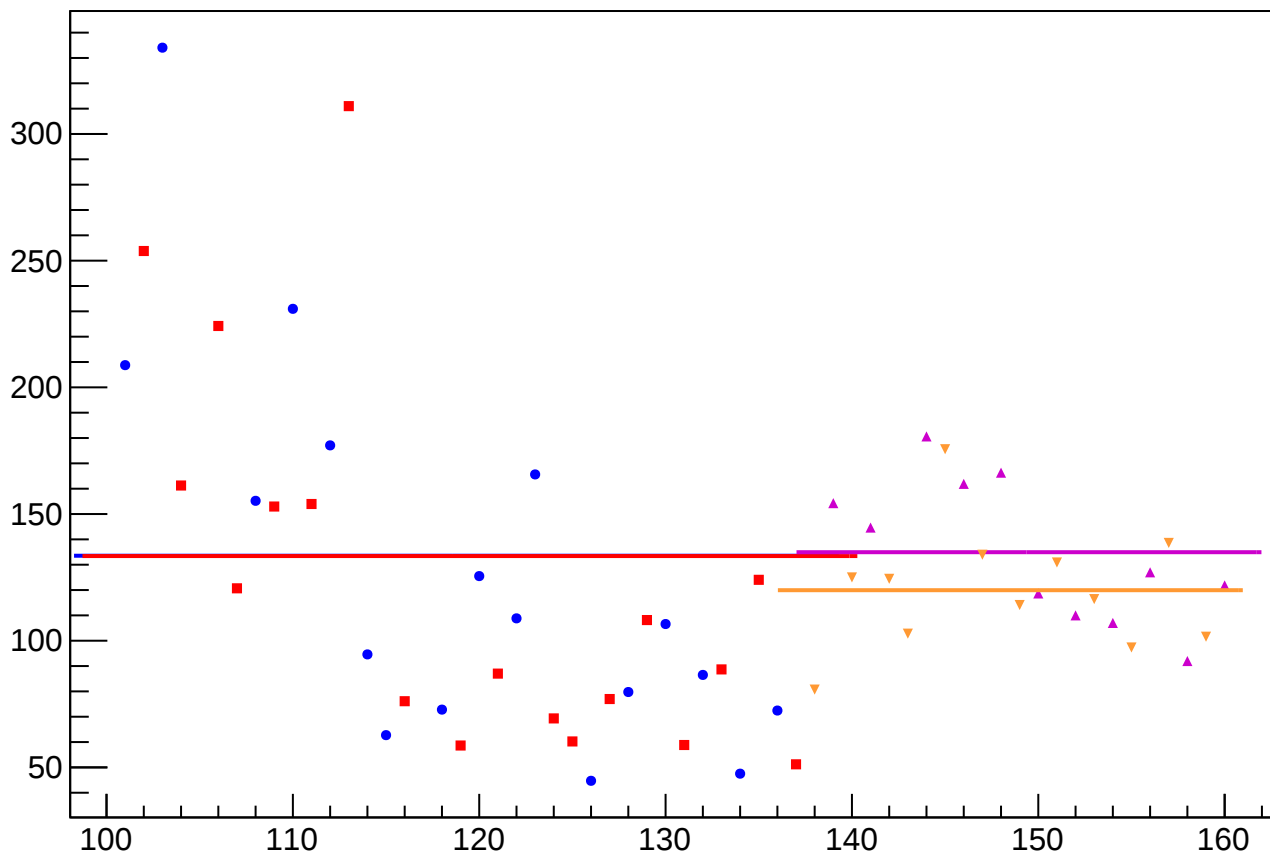
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_sam1_coil1_mean vs Slug



Right In: 2874.142+/-0.000	χ^2/NDF : 1331222919424099285024540359740568371200.0/16	+ sign 4619.518+/-0.000	χ^2/NDF : 78933086055234
Left Out: 5952.071+/-0.000	χ^2/NDF : 2833818943109615822191848442455285301248.0/11	All: 4770.709+/-0.000	χ^2/NDF : 15661205347
Right Out: 2802.151+/-0.000	χ^2/NDF : 1095477572477657195402092119674444578816.0/17	- sign 4917.772+/-0.000	χ^2/NDF : 76956123703535
Left In: 6539.067+/-0.000	χ^2/NDF : 947421211454184627704546632992611631104.0/10		

dit_sam1_coil1_err_mean vs Slug



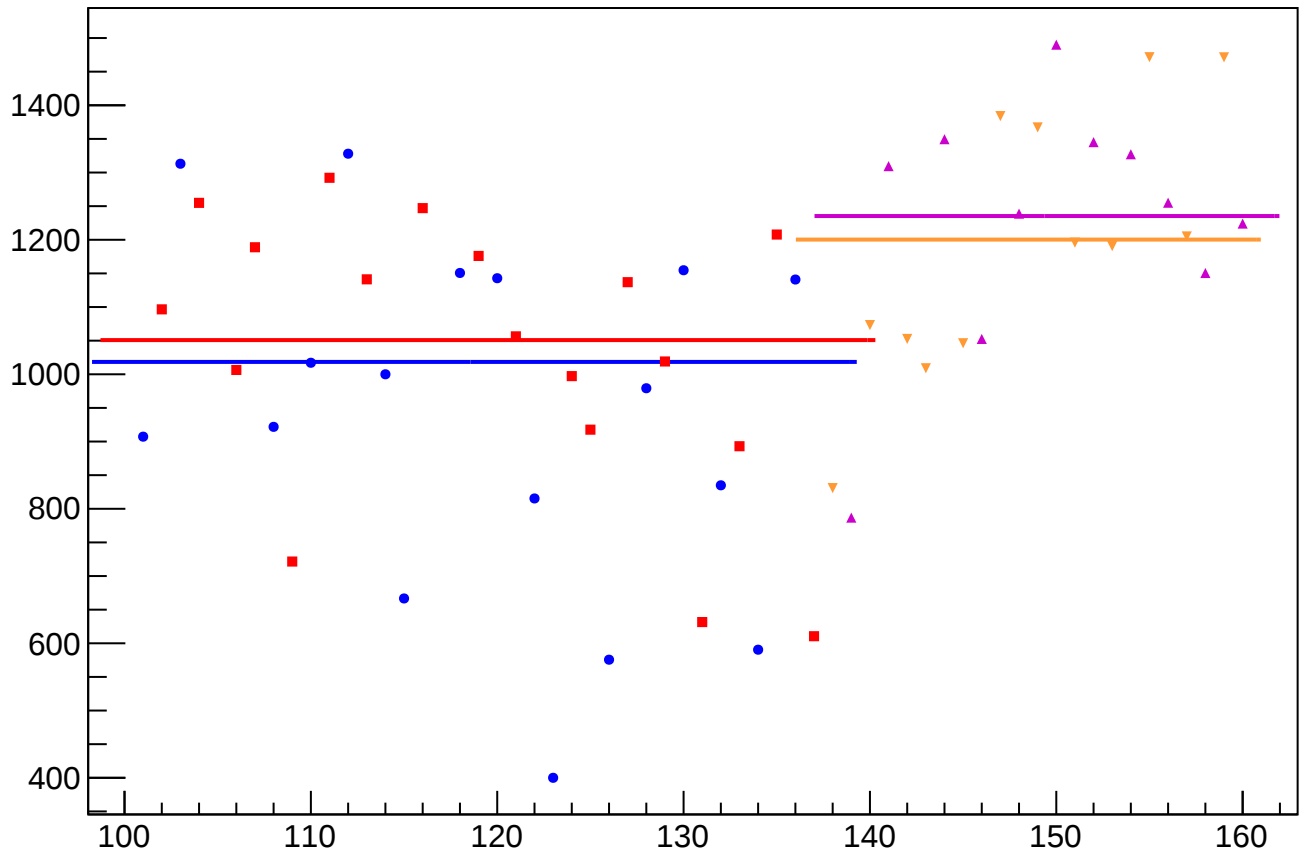
Right In: 133.542+/-0.000 χ^2/NDF : 4543635536863363524362136904007680000.0/16

Left Out: 119.938+/-0.000 χ^2/NDF : 506287177502147090737971040893272064.0/11

Right Out: 133.414+/-0.000 χ^2/NDF : 3923674220000100911612282920536899584.0/17

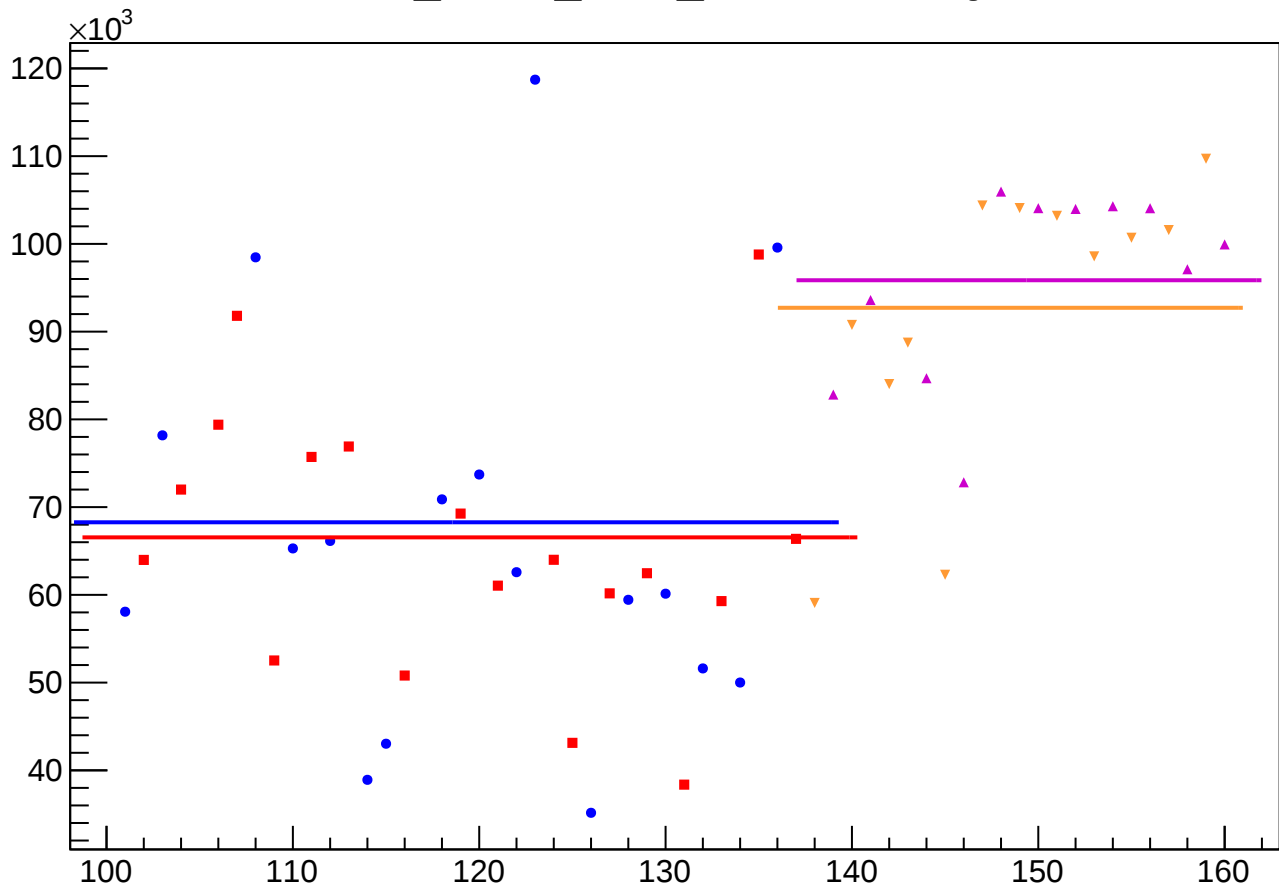
Left In: 134.936+/-0.000 χ^2/NDF : 683742897306443646966443406983692288.0/10

dit_sam1_coil1_Ndata_mean vs Slug



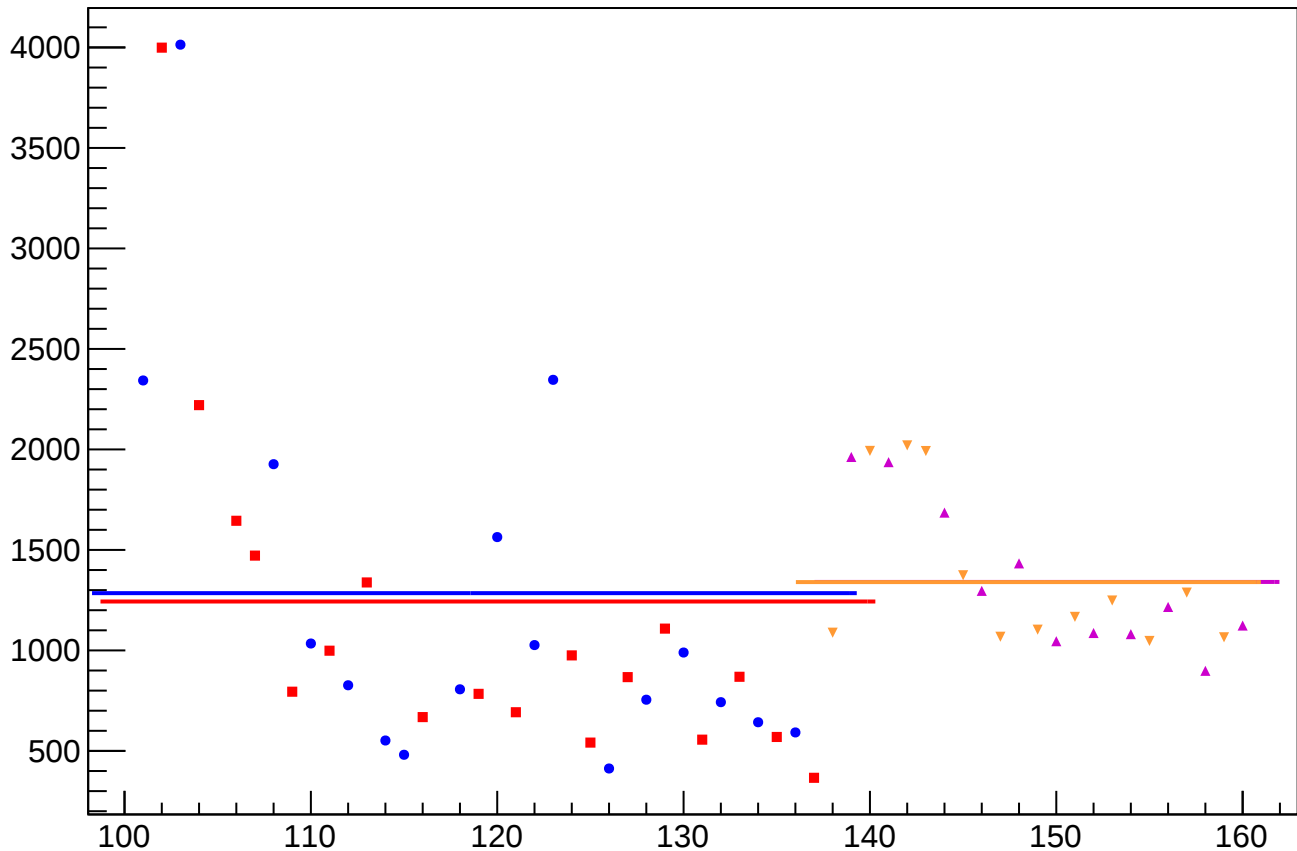
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_sam2_coil1_mean vs Slug



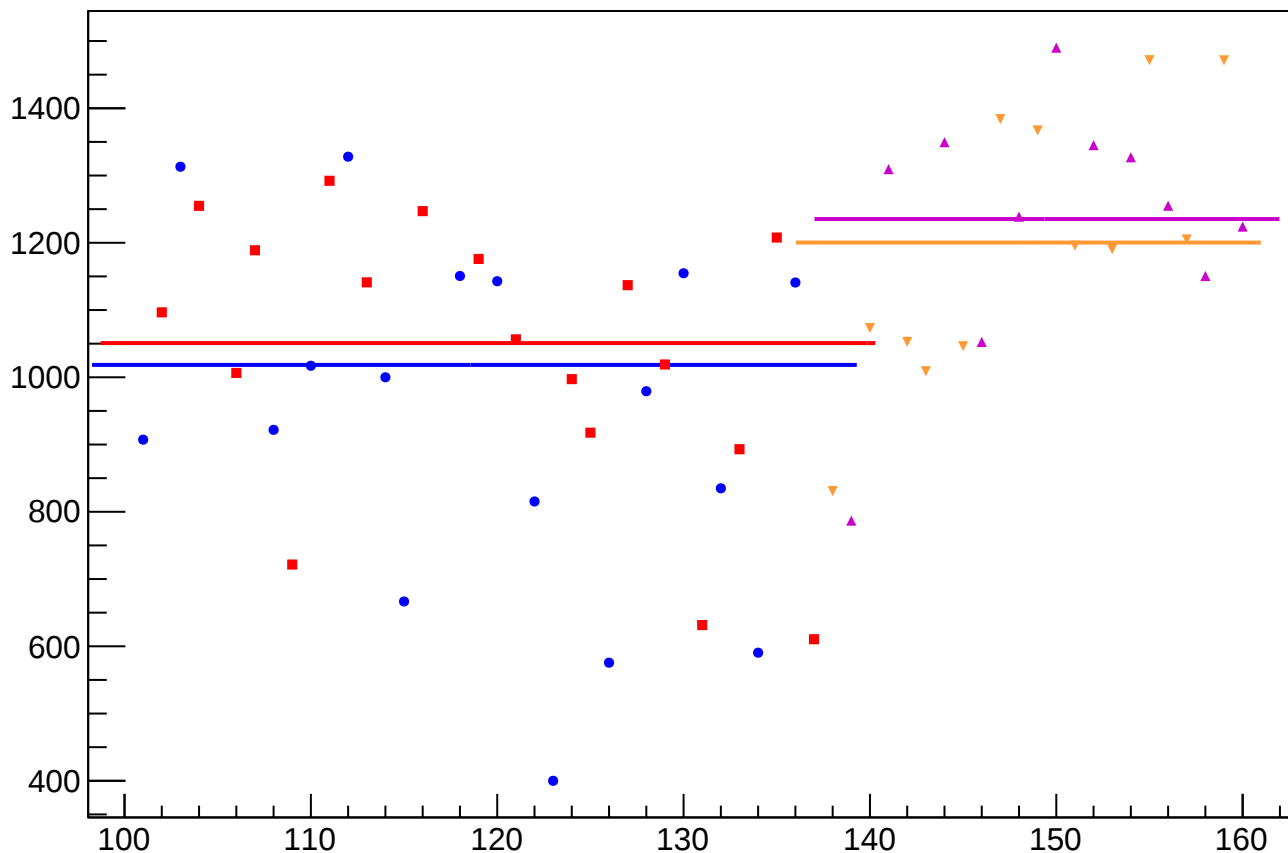
Right In: 68271.144+/-0.000	χ^2/NDF : 235026660939690757848337831565145453625344.0/16
Left Out: 92717.908+/-0.000	χ^2/NDF : 232153760216632352324453742795605416083456.0/11
Right Out: 66552.333+/-0.000	χ^2/NDF : 160169834970936771160063883899631076114432.0/17
Left In: 95856.790+/-0.000	χ^2/NDF : 102994954285402902924974022528111745171456.0/10

dit_sam2_coil1_err_mean vs Slug



Right In: 1284.940 $\pm$ 0.000 χ^2/NDF : 683539831030777721568567692799915327488.0/16
 Left Out: 1340.000 $\pm$ 0.000 χ^2/NDF : 116326245376352875631706190484755972096.0/11
 Right Out: 1243.357 $\pm$ 0.000 χ^2/NDF : 625737092307119238017872949095807582208.0/17
 Left In: 1340.697 $\pm$ 0.000 χ^2/NDF : 113497084889581869864754089979493220352.0/10

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

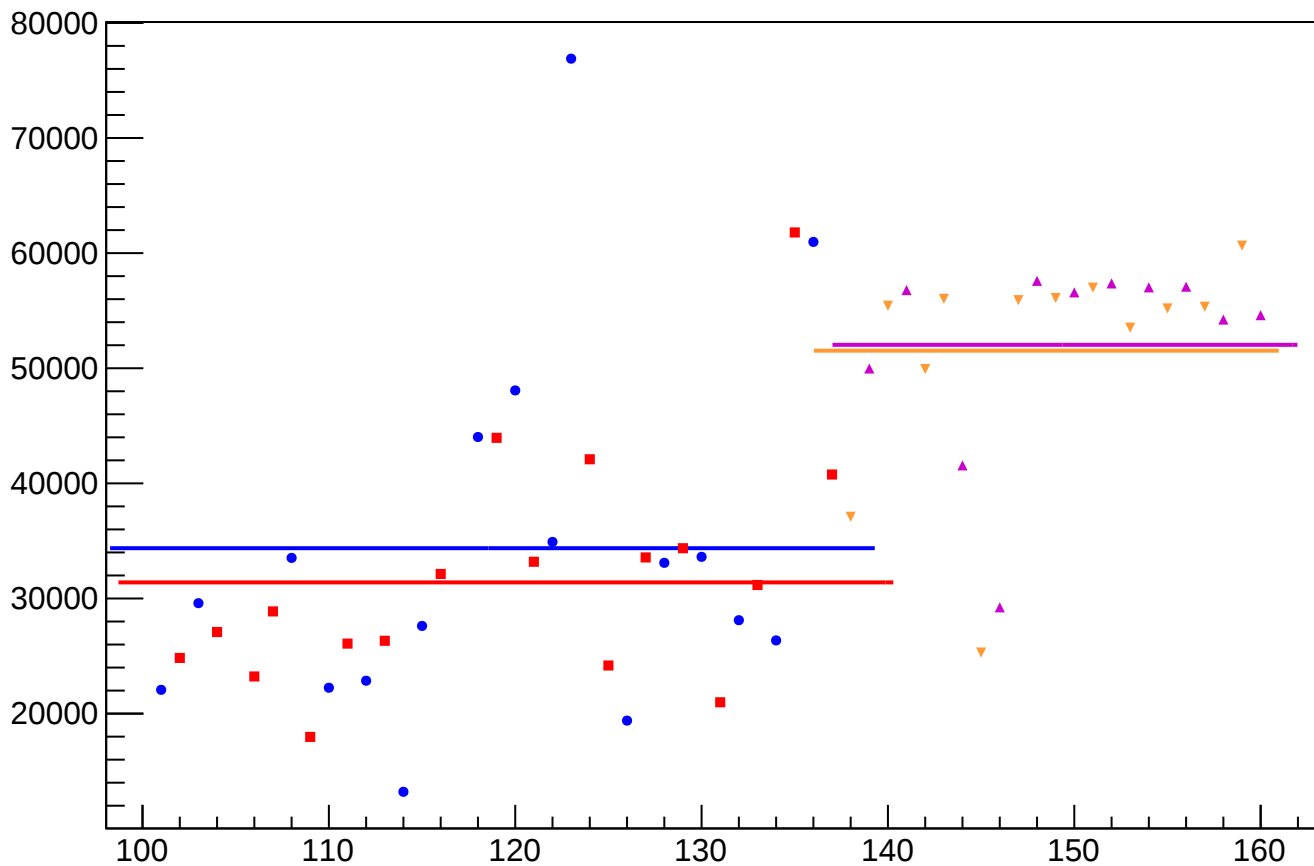
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

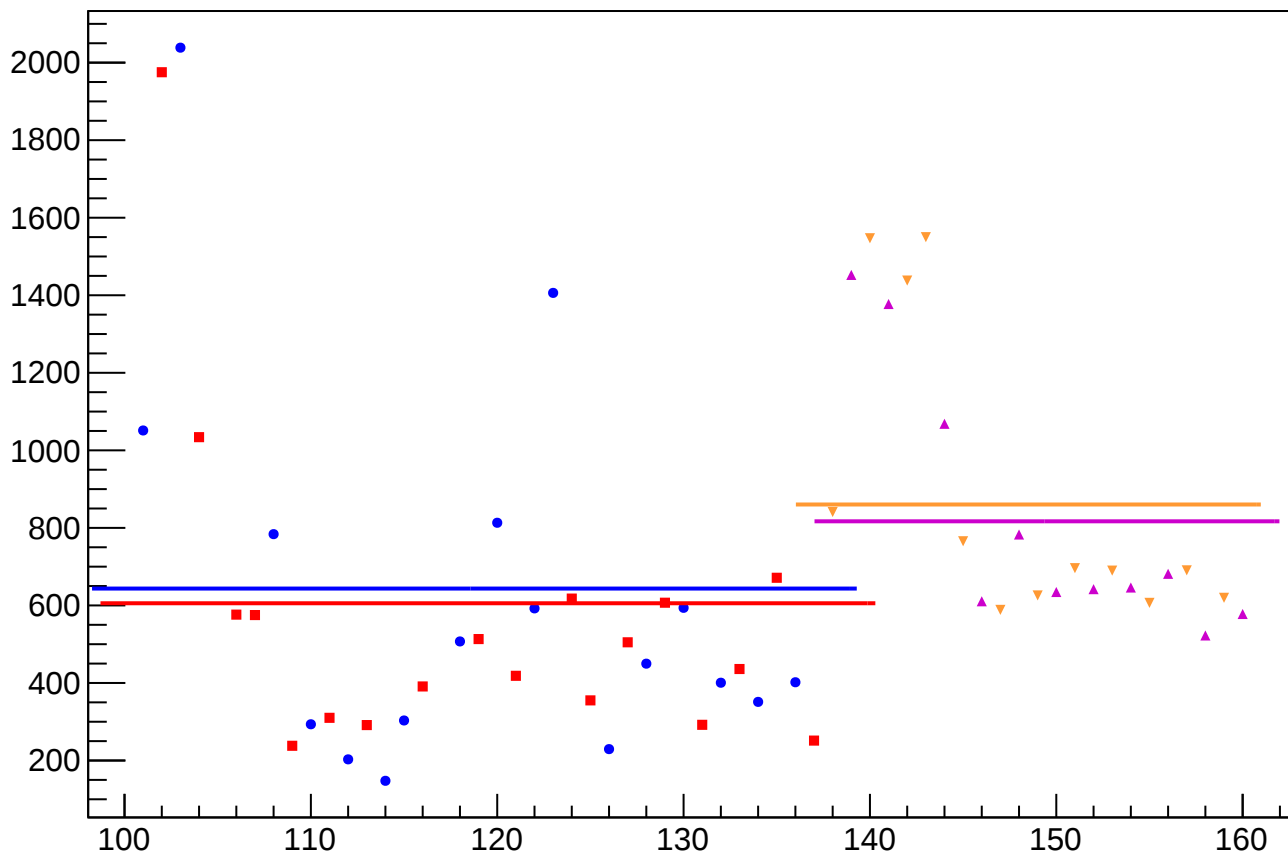
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam3_coil1_mean vs Slug



Right In: 34369.403+/-0.000 χ^2/NDF : 121175034584498762854553117020903178240000.0/16
 Left Out: 51528.453+/-0.000 χ^2/NDF : 87309132481343179098596905129114857373696.0/11
 Right Out: 31397.869+/-0.000 χ^2/NDF : 79791187049723357576303825736183029170176.0/17
 Left In: 52033.522+/-0.000 χ^2/NDF : 67338083803269731476711249699025786503168.0/10

dit_sam3_coil1_err_mean vs Slug



Right In: 643.513+/-0.000 χ^2/NDF : 166606755510131009794947888972916850688.0/16

Left Out: 860.333+/-0.000 χ^2/NDF : 113447619211020210726400023771184365568.0/11

Right Out: 605.599+/-0.000 χ^2/NDF : 146641318103644748879900892058773094400.0/17

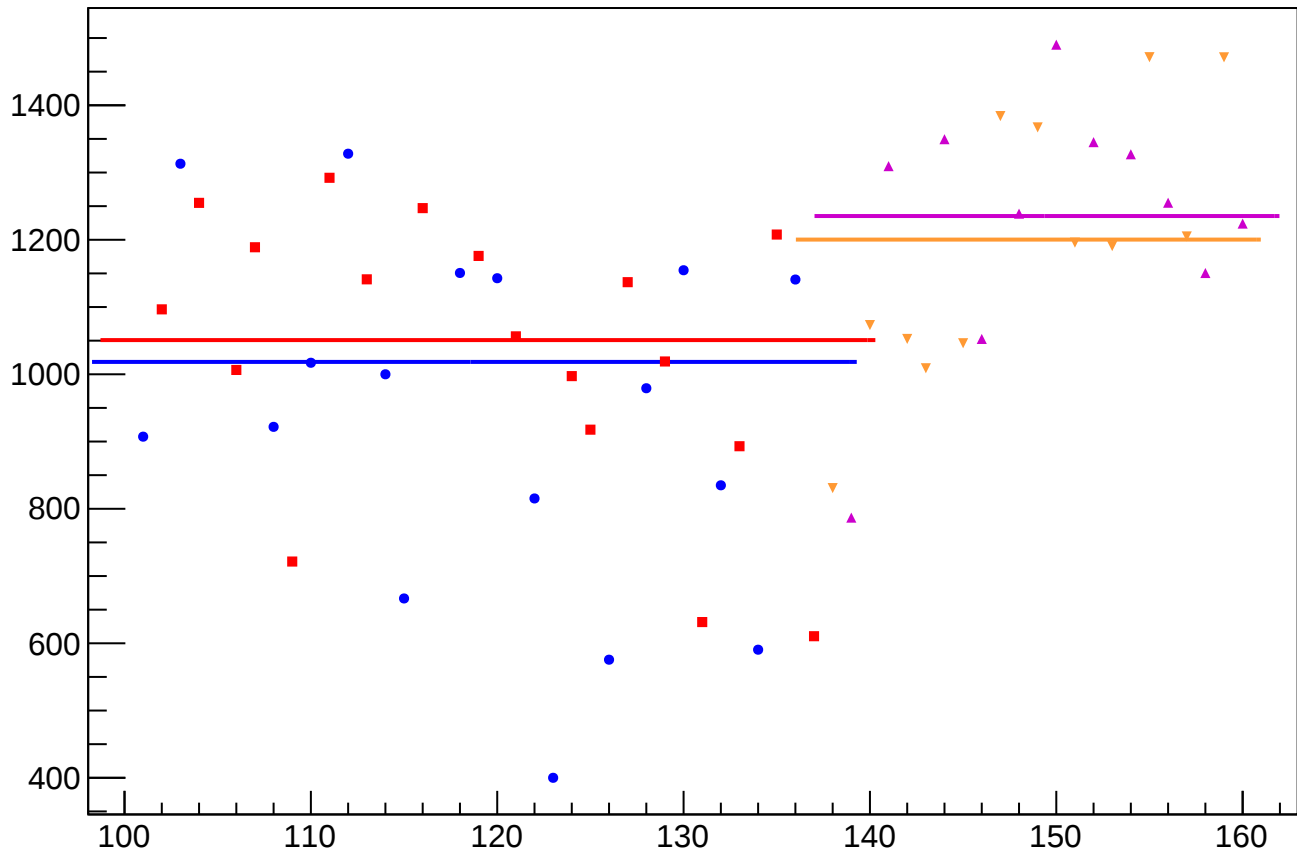
Left In: 816.958+/-0.000 χ^2/NDF : 90193686816714640570749106655187697664.0/10

+ sign 766.464+/-0.000 χ^2/NDF : 298555143220356

All: 745.576+/-0.000 χ^2/NDF : 554852876673

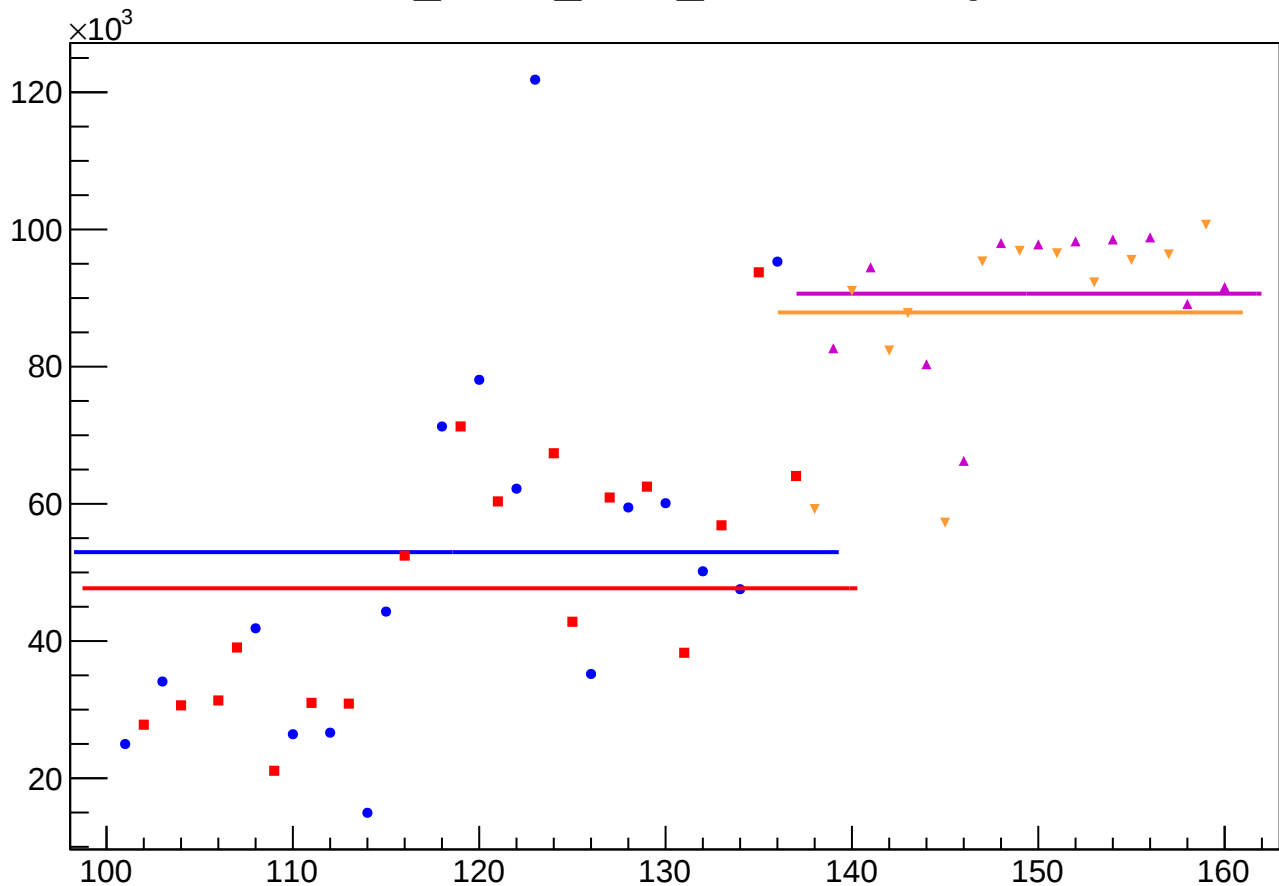
- sign 725.258+/-0.000 χ^2/NDF : 254918032324737

dit_sam3_coil1_Ndata_mean vs Slug



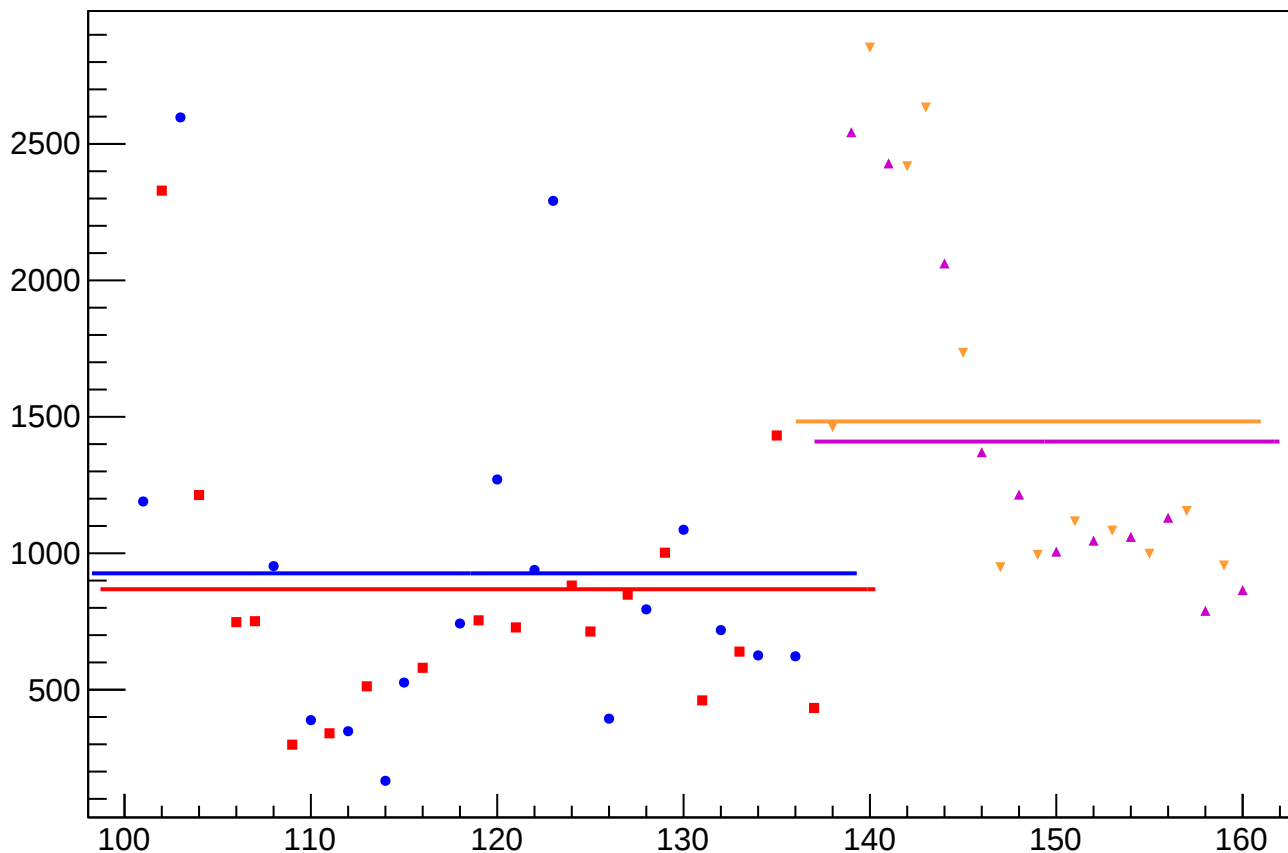
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam4_coil1_mean vs Slug



Right In: 52960.923+/-0.000 χ^2/NDF : 388091282862865702902242590456549457526784.0/16
 Left Out: 87902.834+/-0.000 χ^2/NDF : 181078064018170990794226695799487636439040.0/11
 Right Out: 47689.948+/-0.000 χ^2/NDF : 282811495062805394257124892434373518819328.0/17
 Left In: 90642.606+/-0.000 χ^2/NDF : 90652199115187667262863496655433124282368.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 926.486+/-0.000 χ^2/NDF : 243573676873909042150690872266806263808.0/16

Left Out: 1483.109+/-0.000 χ^2/NDF : 403083502170691493450426839772184969216.0/11

Right Out: 868.248+/-0.000 χ^2/NDF : 197961184826469333991871261895452262400.0/17

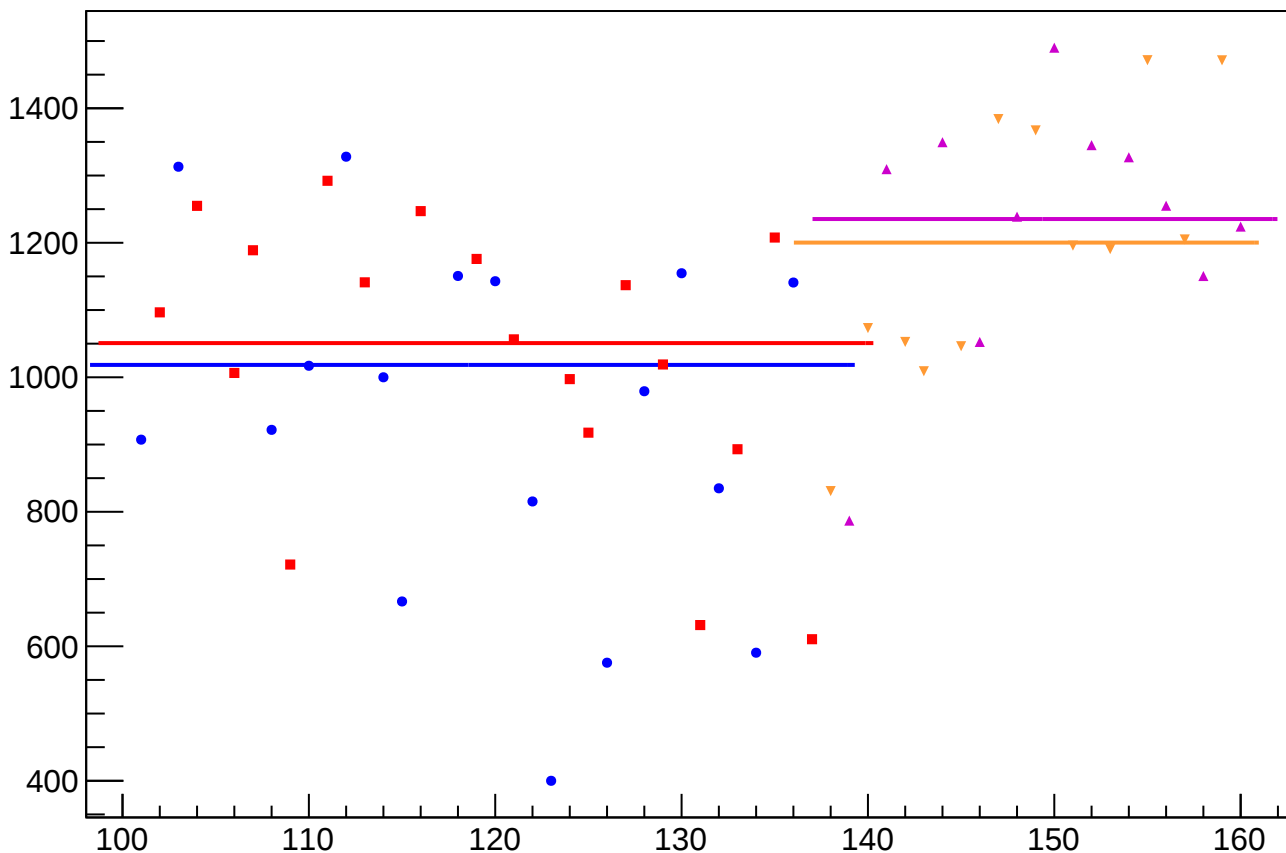
Left In: 1409.297+/-0.000 χ^2/NDF : 332711527563971352496330414058593320960.0/10

+ sign 1242.126+/-0.000 χ^2/NDF : 76858756839410

All: 1207.874+/-0.000 χ^2/NDF : 1421466160

- sign 1174.558+/-0.000 χ^2/NDF : 64916879286963

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

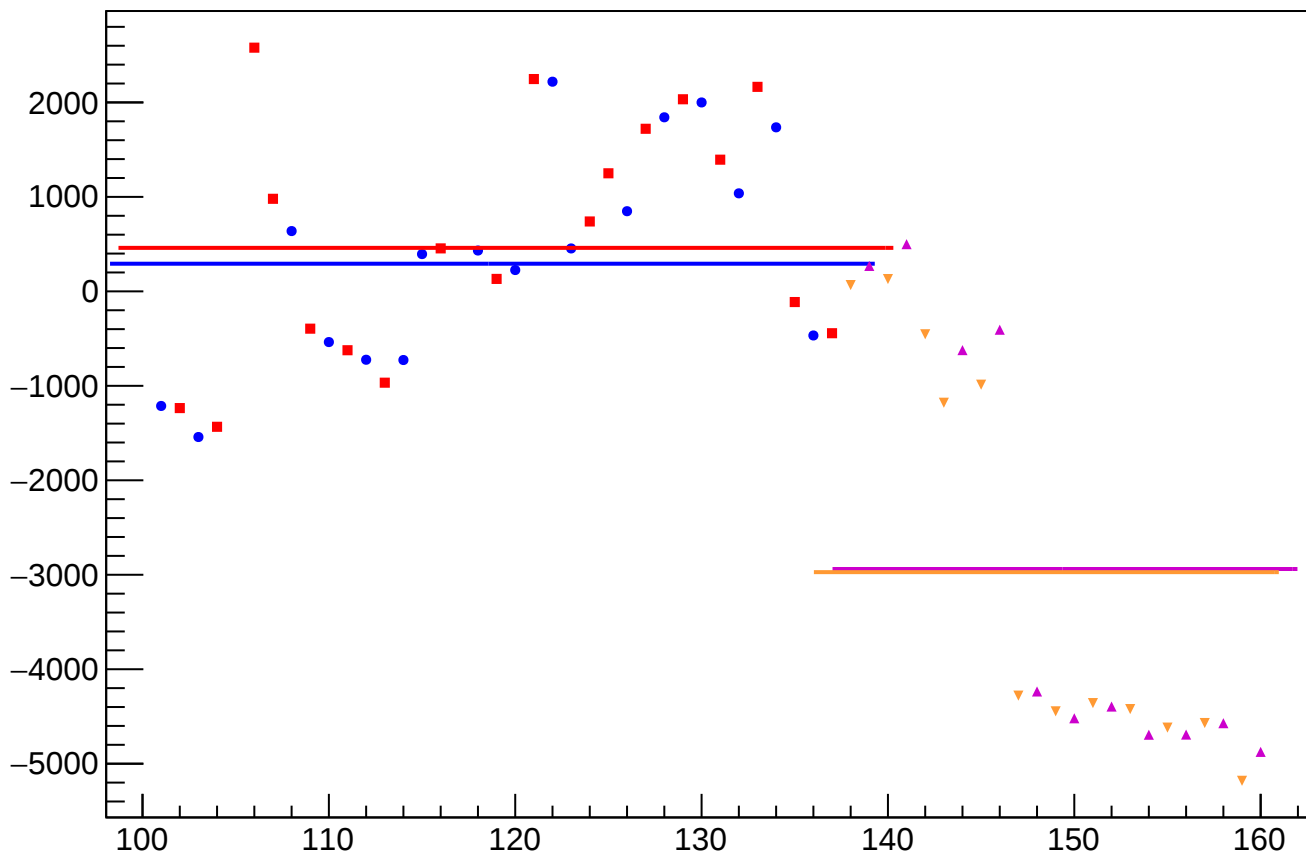
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam5_coil1_mean vs Slug



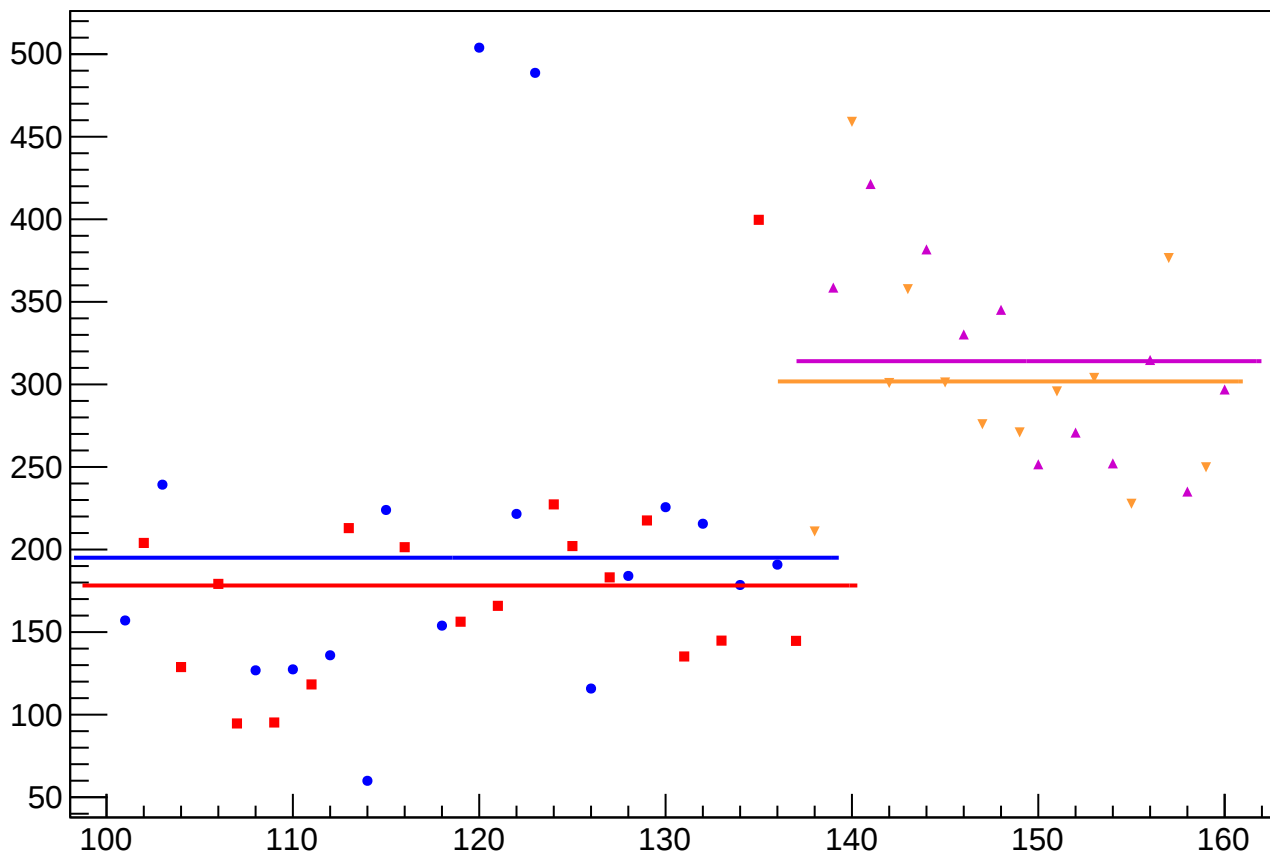
Right In: 292.624+/-0.000 χ^2/NDF : 992224758361668568621384832231814463488.0/16

Left Out: -2972.256+/-0.000 χ^2/NDF : 3761676179645694438437077561605877661696.0/11

Right Out: 460.444+/-0.000 χ^2/NDF : 1195390620297922800798852366593102446592.0/17

Left In: -2938.958+/-0.000 χ^2/NDF : 4448330371719931217957339295057738465280.0/10

dit_sam5_coil1_err_mean vs Slug



Right In: 195.049+/-0.000 χ^2/NDF : 5080024494184824251769530857650388992.0/16

Left Out: 301.805+/-0.000 χ^2/NDF : 4084053009607102608824389490062655488.0/11

Right Out: 178.222+/-0.000 χ^2/NDF : 3636798558444840391154572885518974976.0/17

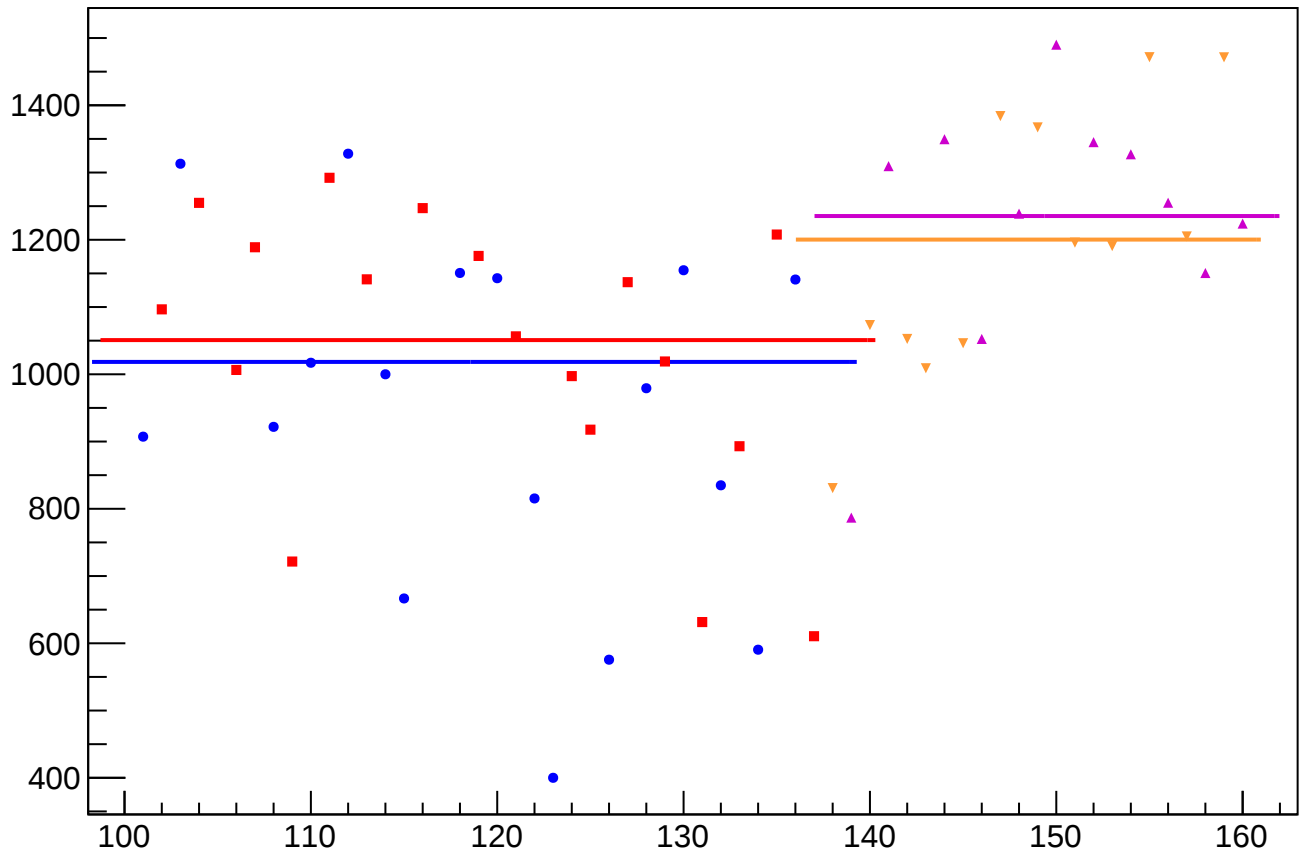
Left In: 314.075+/-0.000 χ^2/NDF : 3038378746515633770905831871124340736.0/10

+ sign 255.586+/-0.000 χ^2/NDF : 136491698964325

All: 255.357+/-0.000 χ^2/NDF : 27795325486

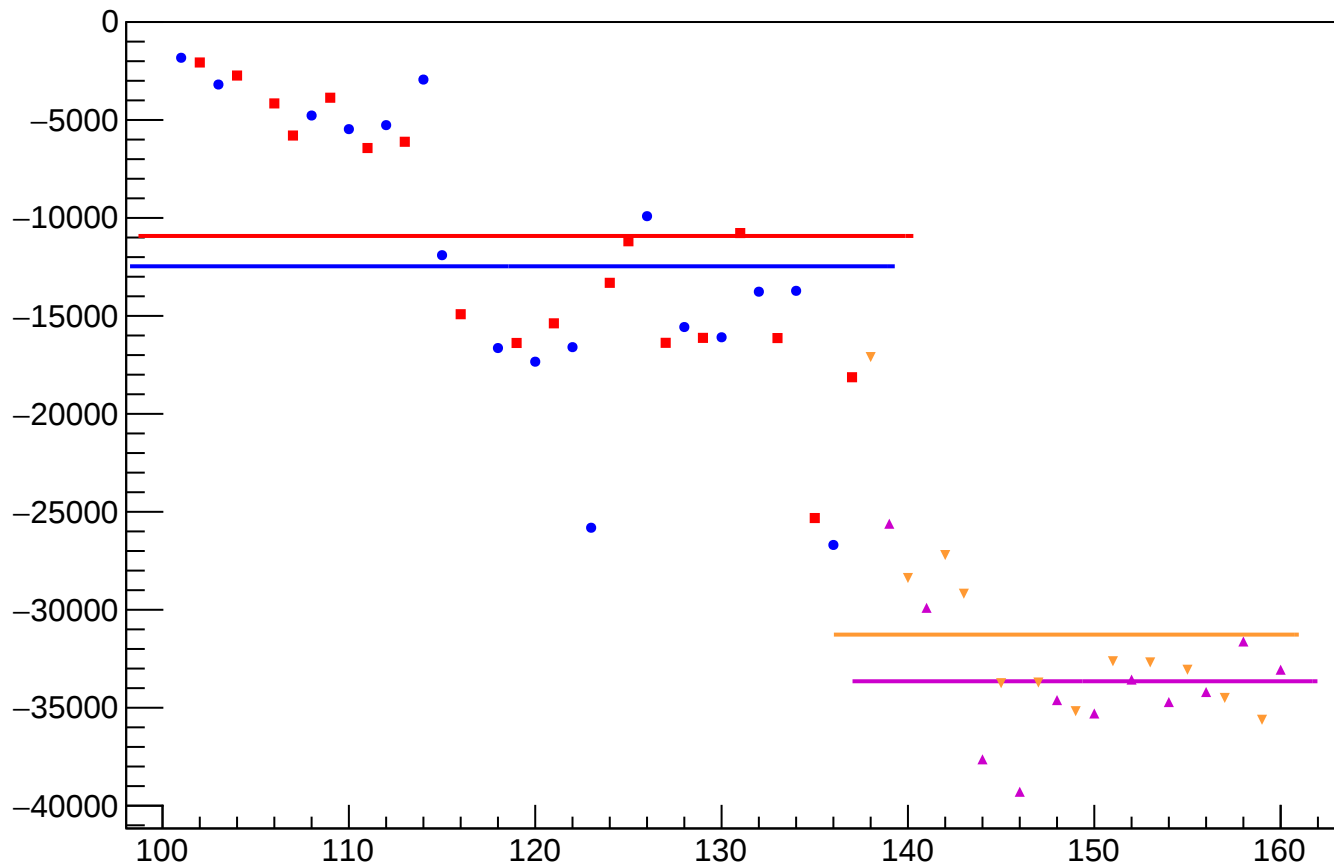
- sign 255.134+/-0.000 χ^2/NDF : 141459895048488

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

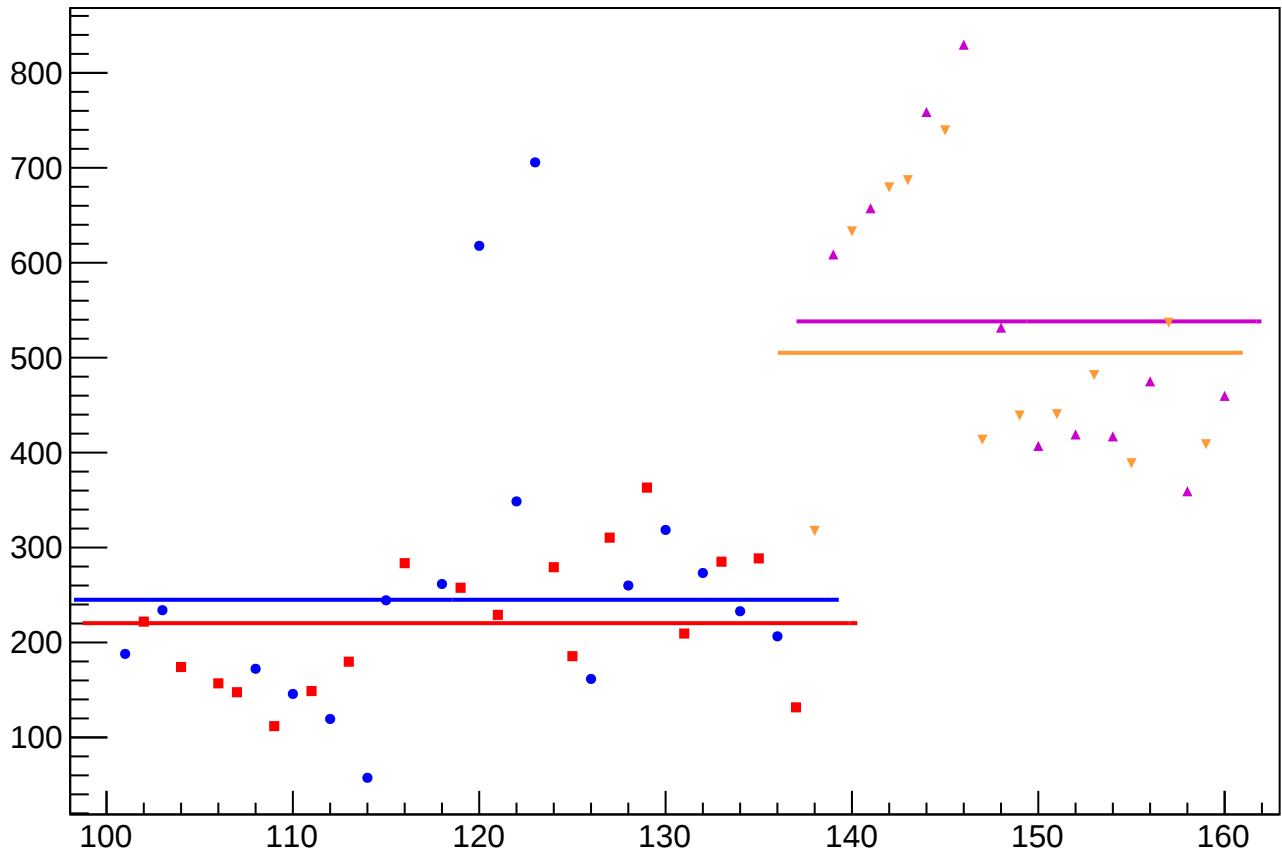
dit_sam6_coil1_mean vs Slug



Right In: -12468.200+/-0.000	χ^2/NDF : 41947810781860597740124287766684235726848.0/16
Left Out: -31267.411+/-0.000	χ^2/NDF : 22472352508992692811157309504314979385344.0/11
Right Out: -10920.089+/-0.000	χ^2/NDF : 32165705228240657588124121675327793528832.0/17
Left In: -33648.648+/-0.000	χ^2/NDF : 11296625028325119552839806860927105499136.0/10

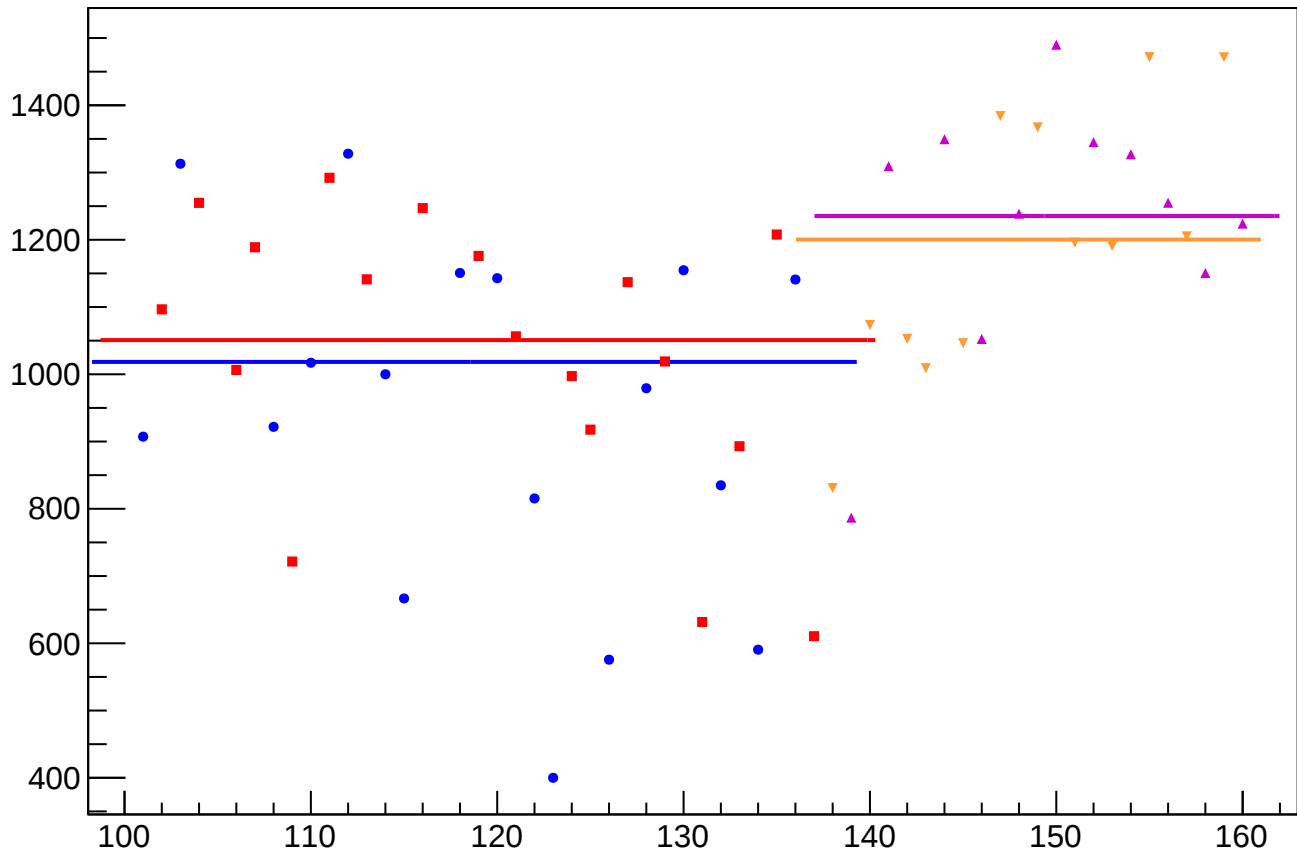
+ sign -23128.514+/-0.000 χ^2/NDF : 203501578140
 All: -23462.645+/-0.000 χ^2/NDF : 456426709
 - sign -23787.653+/-0.000 χ^2/NDF : 2525720879741

dit_sam6_coil1_err_mean vs Slug



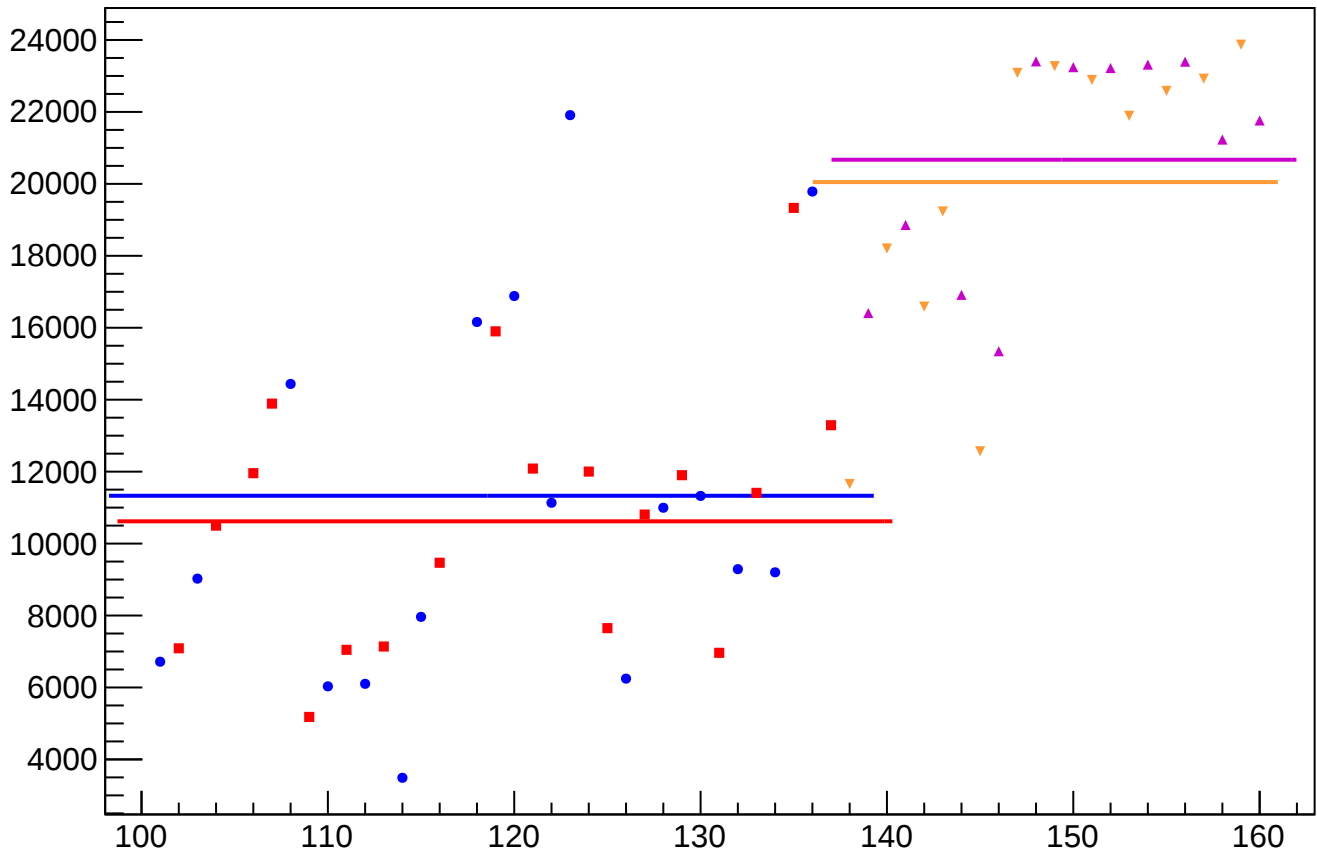
Right In: 244.994+/-0.000	χ^2/NDF : 8873183370170999334634045001787506688.0/16	+ sign 392.506+/-0.000	χ^2/NDF : 507765180649784
Left Out: 505.129+/-0.000	χ^2/NDF : 15272519684305825551143996818058117120.0/11	All: 396.459+/-0.000	χ^2/NDF : 115603625590
Right Out: 220.353+/-0.000	χ^2/NDF : 3356691284213126680510243475038404608.0/17	- sign 400.303+/-0.000	χ^2/NDF : 647777116384331
Left In: 538.207+/-0.000	χ^2/NDF : 20524569412911645618745037593493110784.0/10		

dit_sam6_coil1_Ndata_mean vs Slug



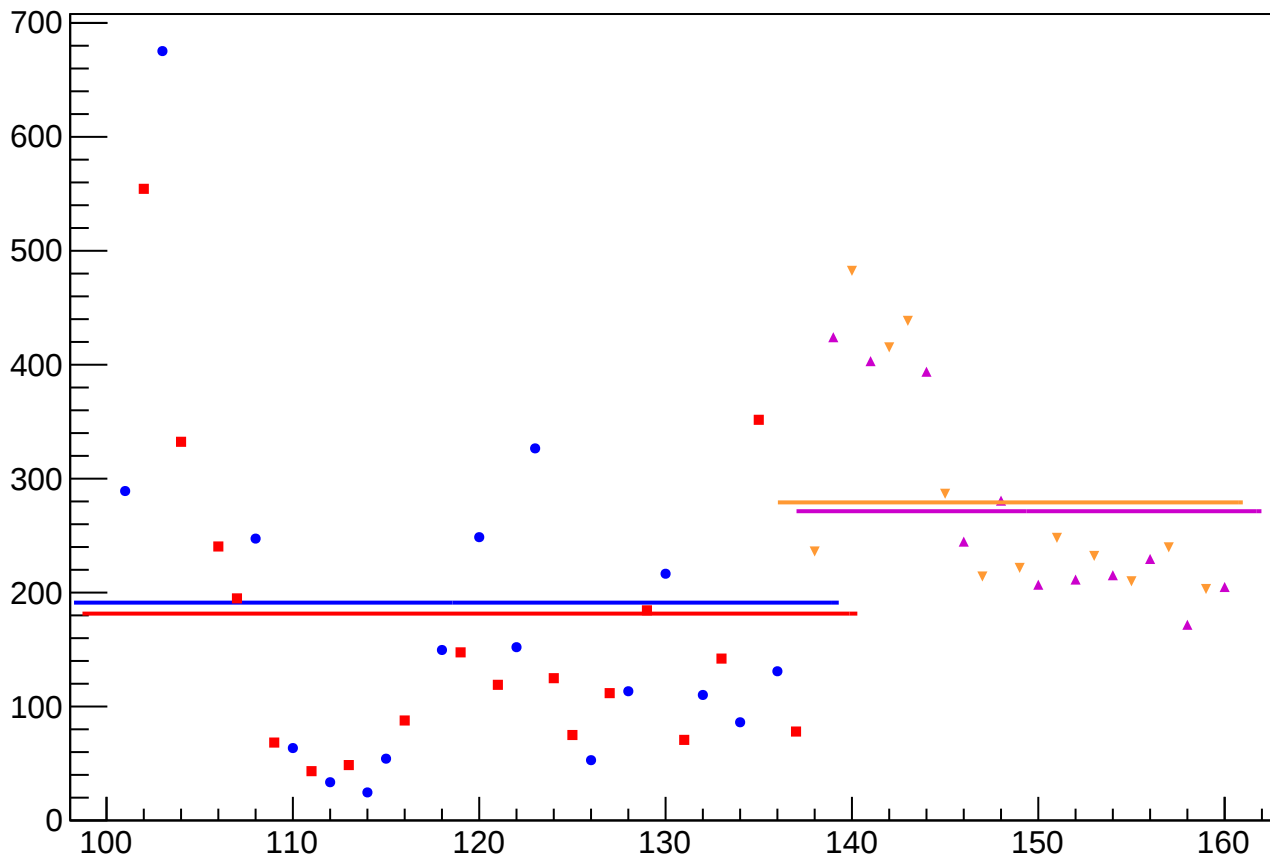
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam7_coil1_mean vs Slug



Right In: 11329.210+/-0.000 χ^2/NDF : 15521857033868622025770129635391850938368.0/16
 Left Out: 20050.081+/-0.000 χ^2/NDF : 15531978446555800166104970917231932211200.0/11
 Right Out: 10619.182+/-0.000 χ^2/NDF : 10071633014201515414626302207213810221056.0/17
 Left In: 20670.726+/-0.000 χ^2/NDF : 8494858406573564863789120894069960081408.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 191.191+/-0.000 χ^2/NDF : 19183697593820495387775377202474909696.0/16

Left Out: 279.165+/-0.000 χ^2/NDF : 7920210699485411791931517458268028928.0/11

Right Out: 181.551+/-0.000 χ^2/NDF : 14852803264995019247576775913608577024.0/17

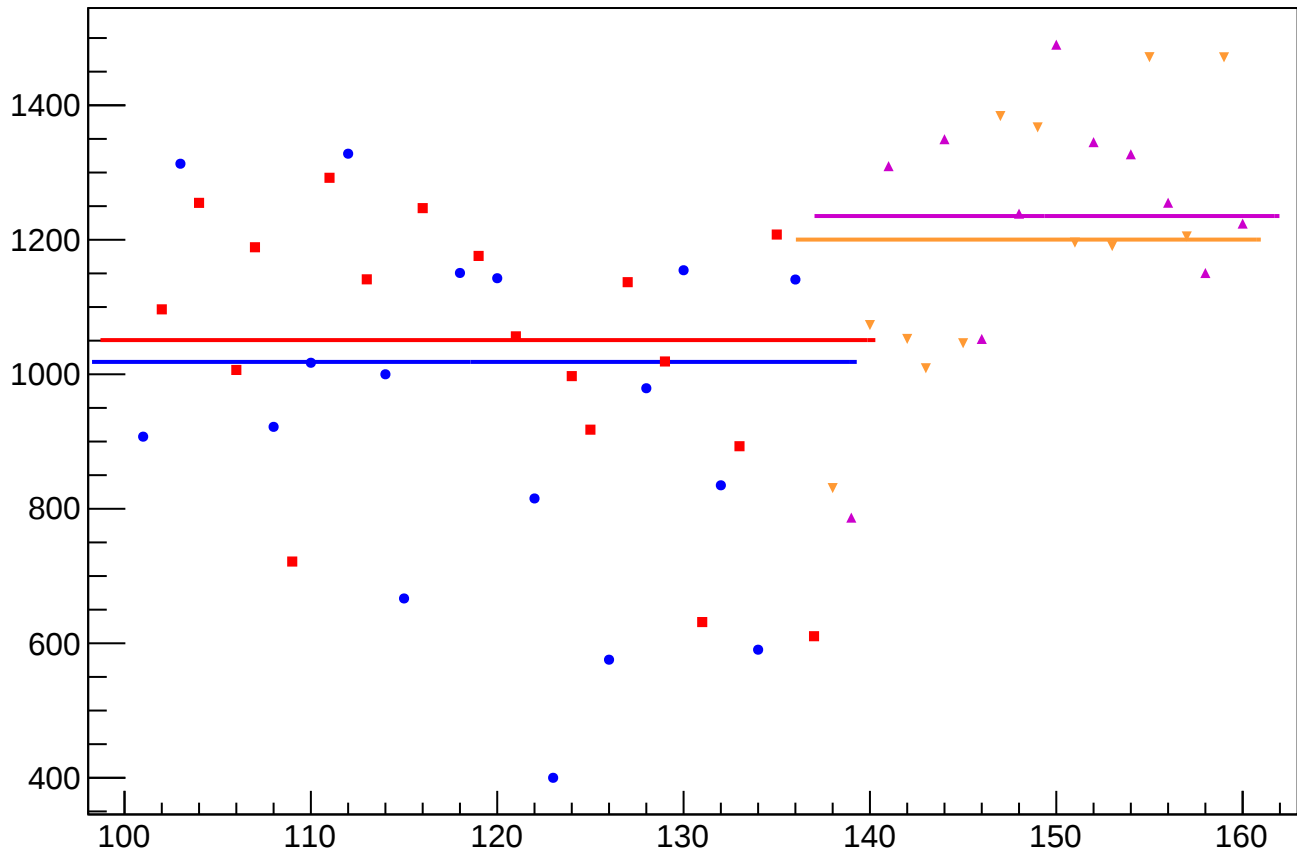
Left In: 271.426+/-0.000 χ^2/NDF : 7049081855860572674907173749109293056.0/10

+ sign 241.078+/-0.000 χ^2/NDF : 301496704306911

All: 236.695+/-0.000 χ^2/NDF : 553819563747

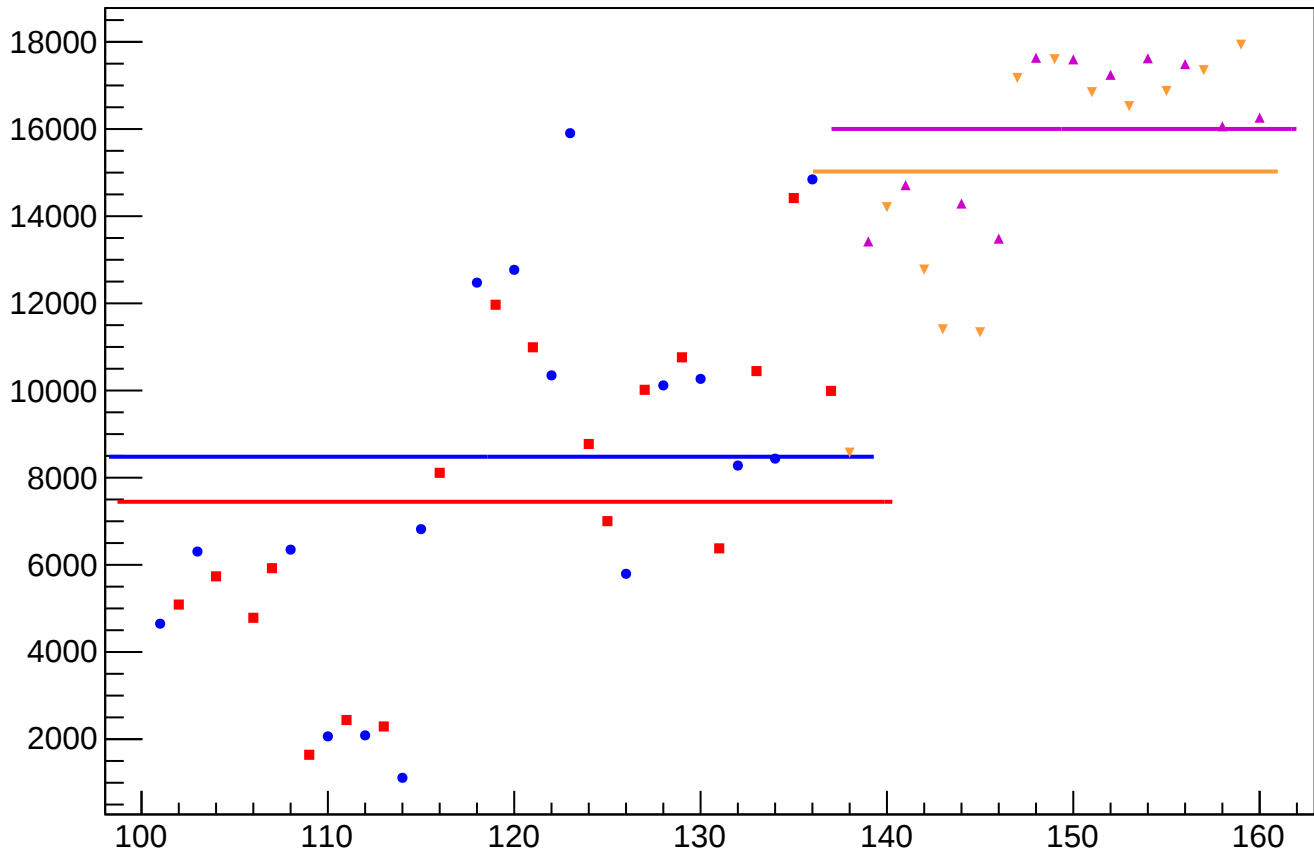
- sign 232.433+/-0.000 χ^2/NDF : 251715575685874

dit_sam7_coil1_Ndata_mean vs Slug



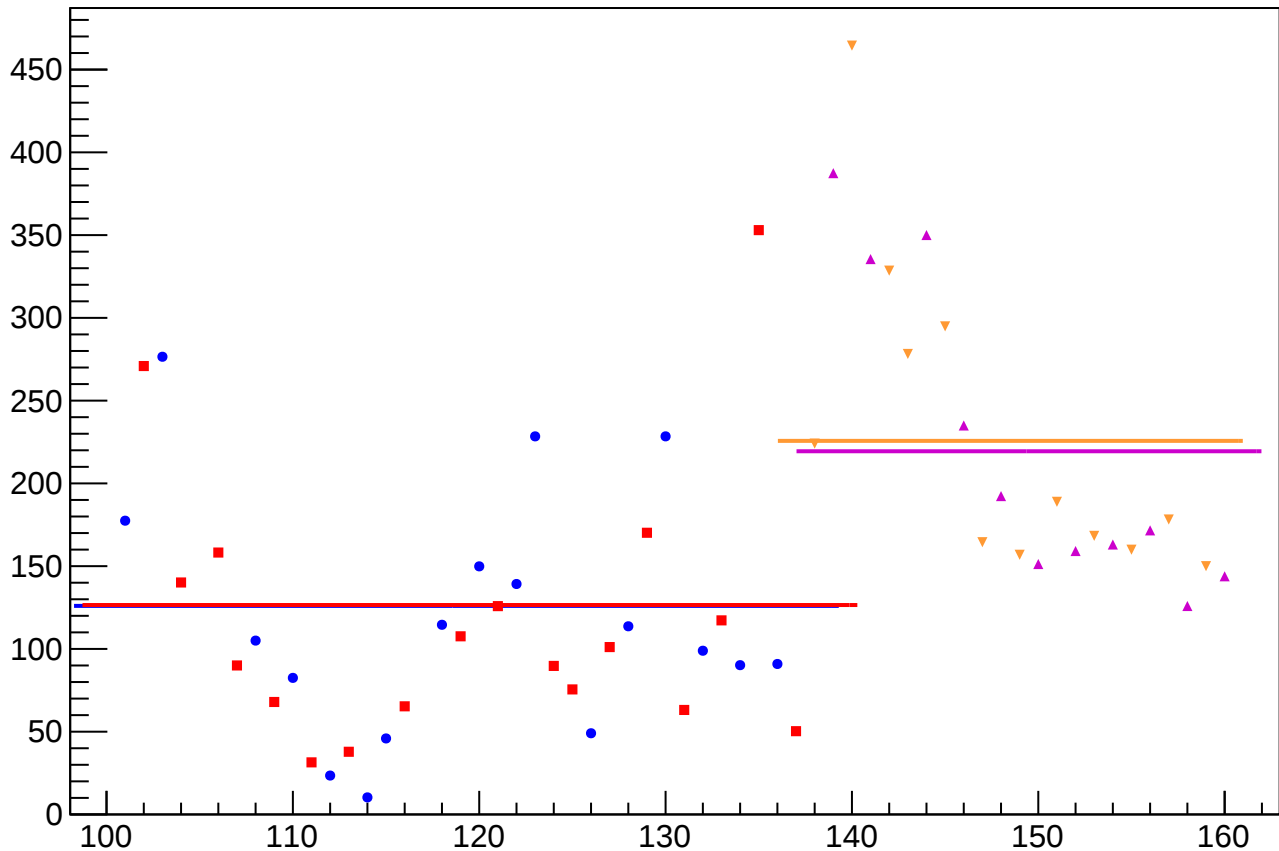
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam8_coil1_mean vs Slug



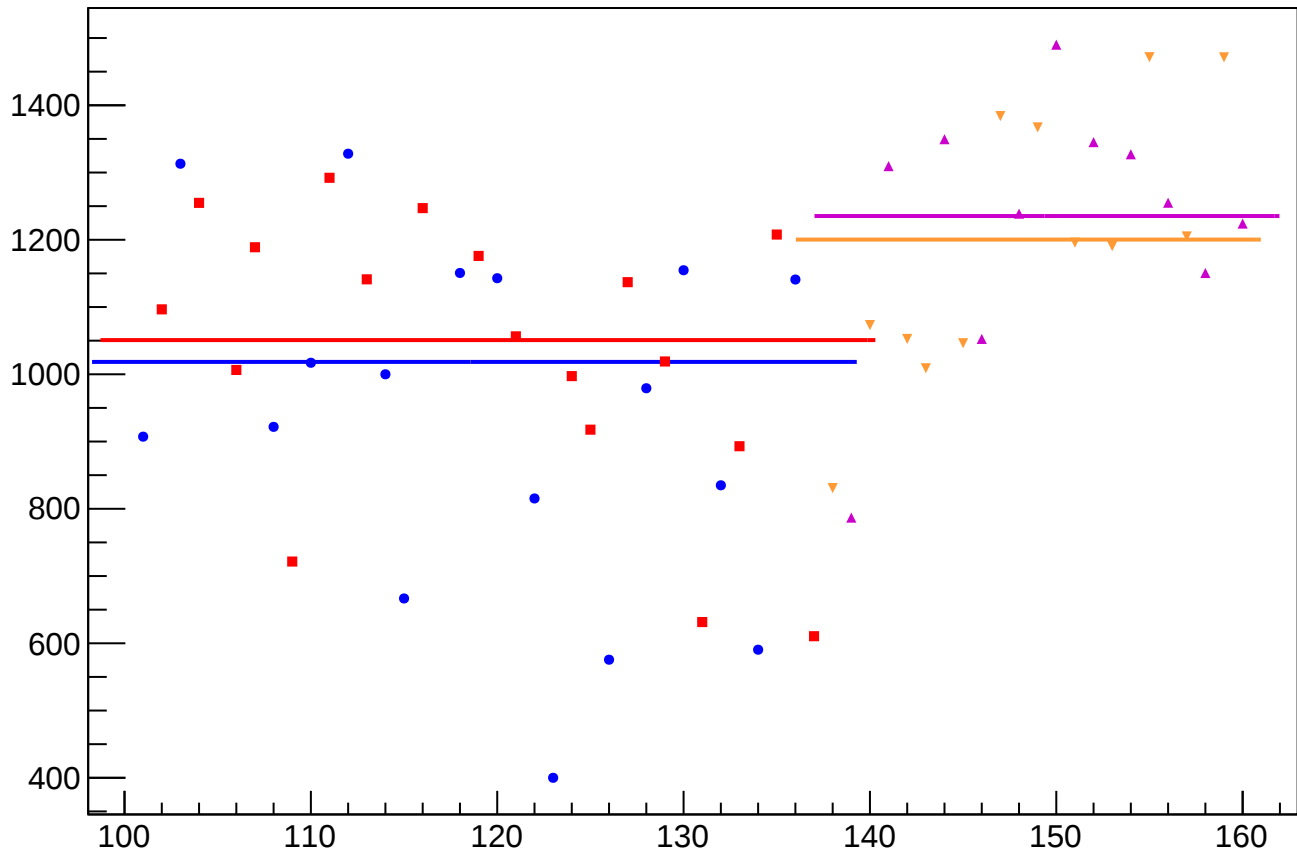
Right In: 8480.889+/-0.000 χ^2/NDF : 11499484754166446401410720405854359650304.0/16
 Left Out: 15025.757+/-0.000 χ^2/NDF : 8187740092033082050104349904869741559808.0/11
 Right Out: 7447.217+/-0.000 χ^2/NDF : 10045808642952263494281474112188504342528.0/17
 Left In: 16002.617+/-0.000 χ^2/NDF : 2475406713829870725608341548092805349376.0/10

dit_sam8_coil1_err_mean vs Slug



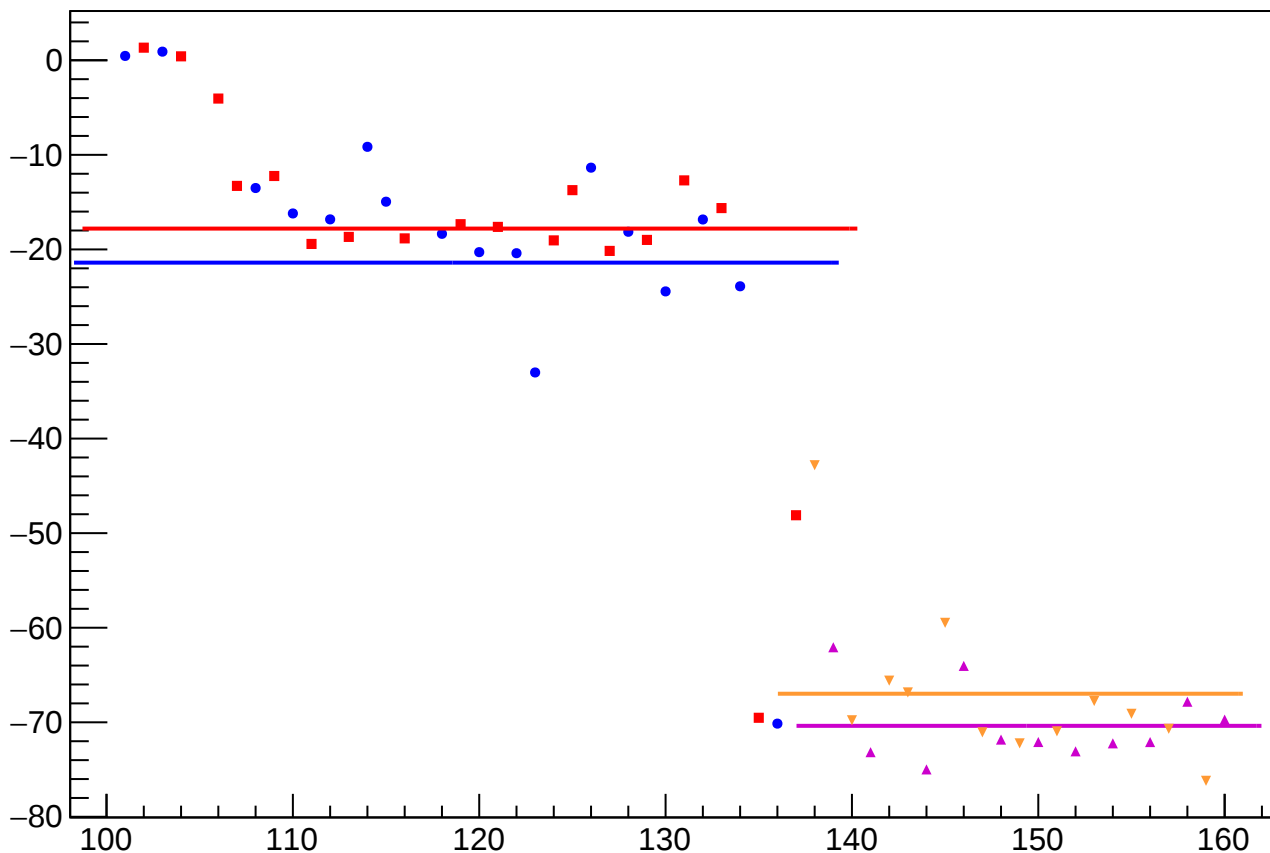
Right In: 126.005+/-0.000 χ^2/NDF : 3386025781144831306970150054630785024.0/16
 Left Out: 225.692+/-0.000 χ^2/NDF : 7765824995412425286122153901765427200.0/11
 Right Out: 126.521+/-0.000 χ^2/NDF : 5291778643595712336156745298356469760.0/17
 Left In: 219.416+/-0.000 χ^2/NDF : 7417643300202175953458768997657870336.0/10

dit_sam8_coil1_Ndata_mean vs Slug



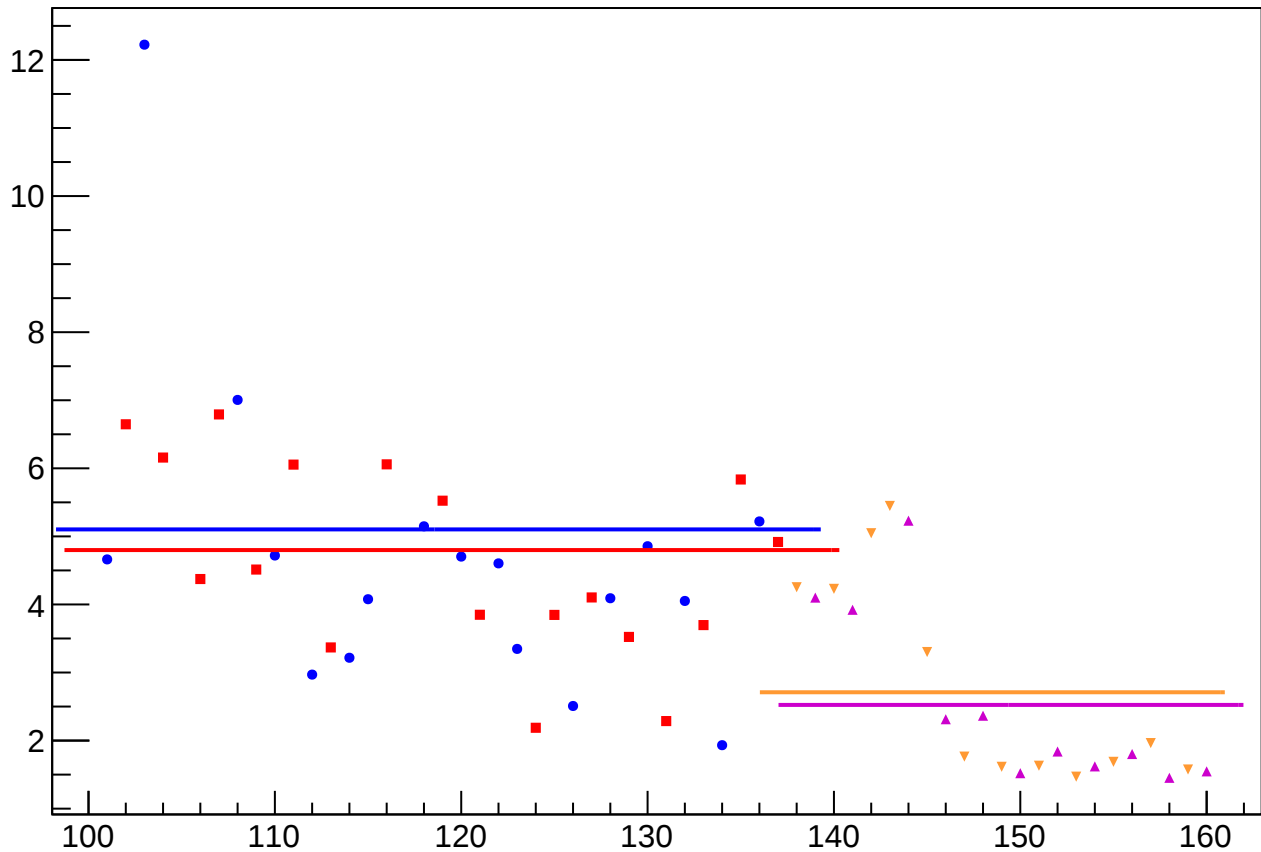
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_4aX_coil3_mean vs Slug



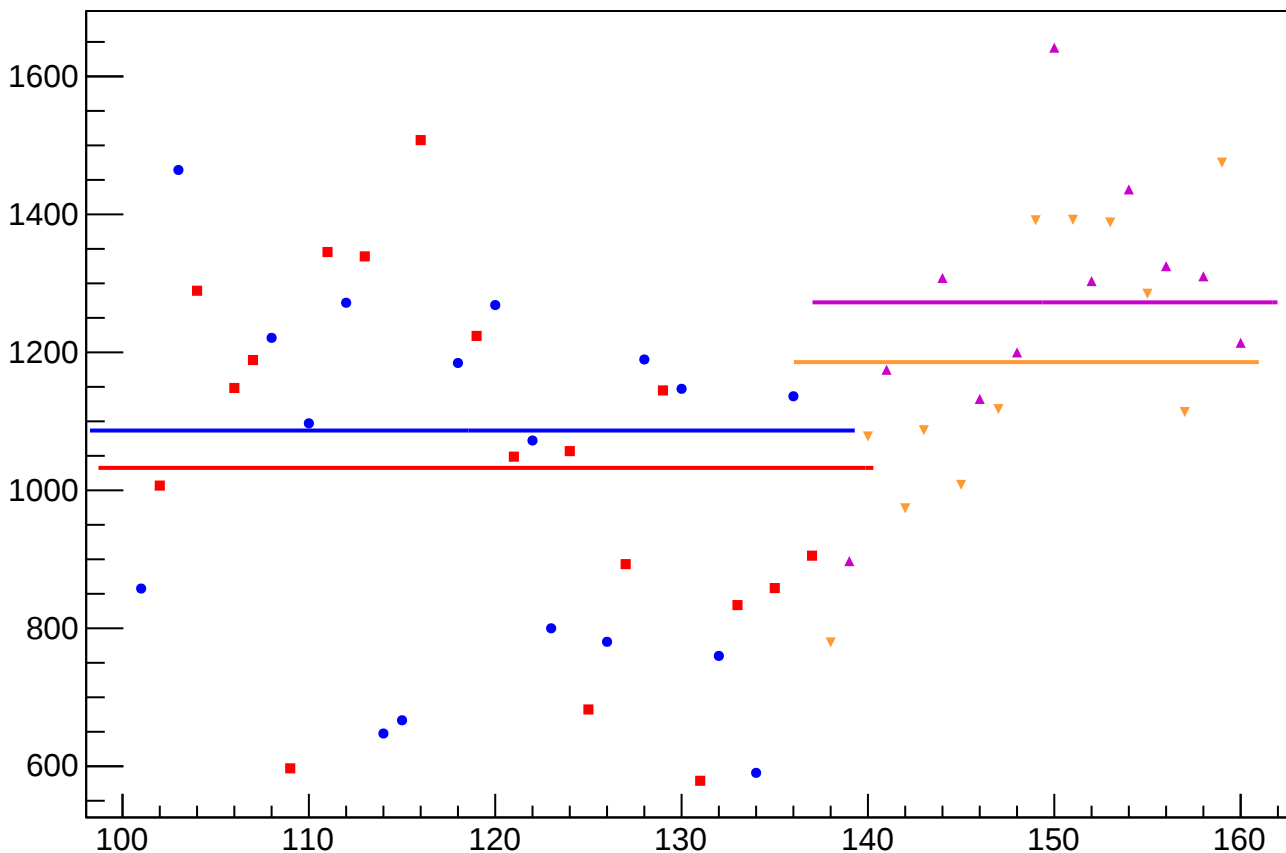
Right In: -21.398 $\pm$ 0.000 χ^2 /NDF: 280536163120367747156314867523125248.0/16
 Left Out: -66.978 $\pm$ 0.000 χ^2 /NDF: 63685898995814955491327915677712384.0/11
 Right Out: -17.797 $\pm$ 0.000 χ^2 /NDF: 194445073804421906744756784211165184.0/17
 Left In: -70.373 $\pm$ 0.000 χ^2 /NDF: 13651024036120663482420235694243840.0/10

dit_4aX_coil3_err_mean vs Slug



Right In: 5.103+/-0.000	χ^2/NDF : 4048406978190508053530993177395200.0/16	+ sign 3.746+/-0.000	χ^2/NDF : 80756286337442748
Left Out: 2.710+/-0.000	χ^2/NDF : 1774159043511346014201510128254976.0/11	All: 3.627+/-0.000	χ^2/NDF : 12931206817483
Right Out: 4.799+/-0.000	χ^2/NDF : 1271869445641912698697536291995648.0/17	- sign 3.511+/-0.000	χ^2/NDF : 48108129807529368
Left In: 2.524+/-0.000	χ^2/NDF : 1443854563513341294387646202642432.0/10		

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

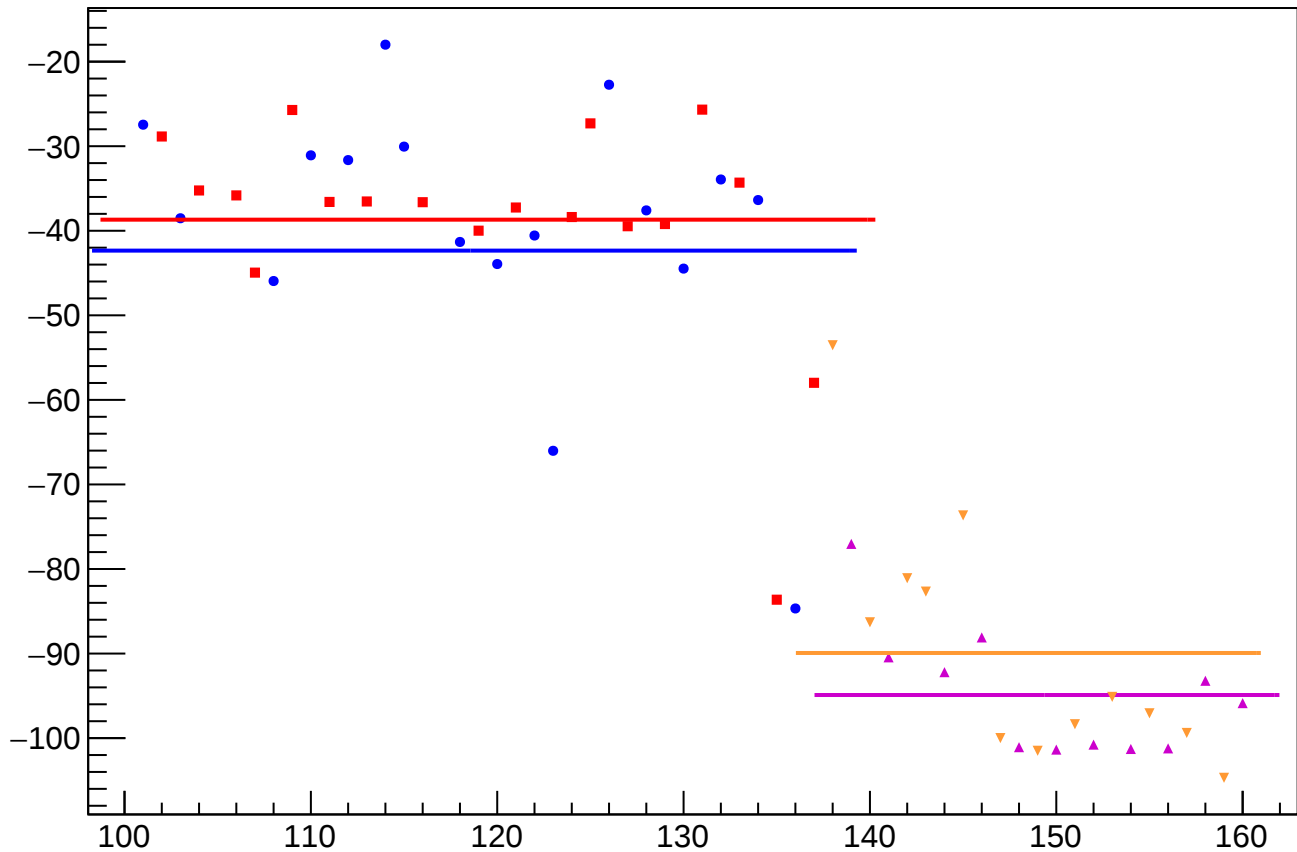
Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

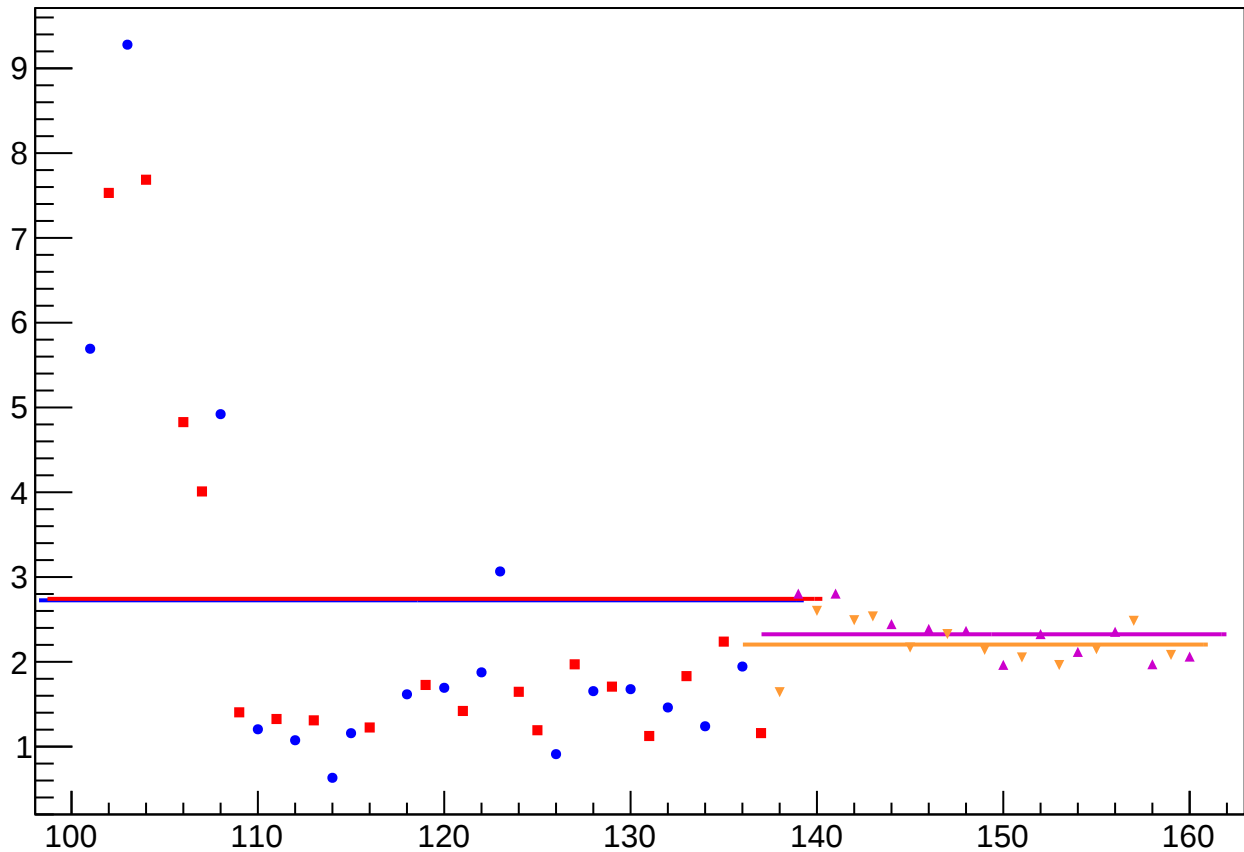
dit_4eX_coil3_mean vs Slug



Right In: -42.348+/-0.000	χ^2/NDF : 214487265312366042421757259213176832.0/16
Left Out: -89.931+/-0.000	χ^2/NDF : 187167251032127788176867775297355776.0/11
Right Out: -38.687+/-0.000	χ^2/NDF : 132884782523479402209438367825788928.0/17
Left In: -94.901+/-0.000	χ^2/NDF : 49160458871676913814520414202757120.0/10

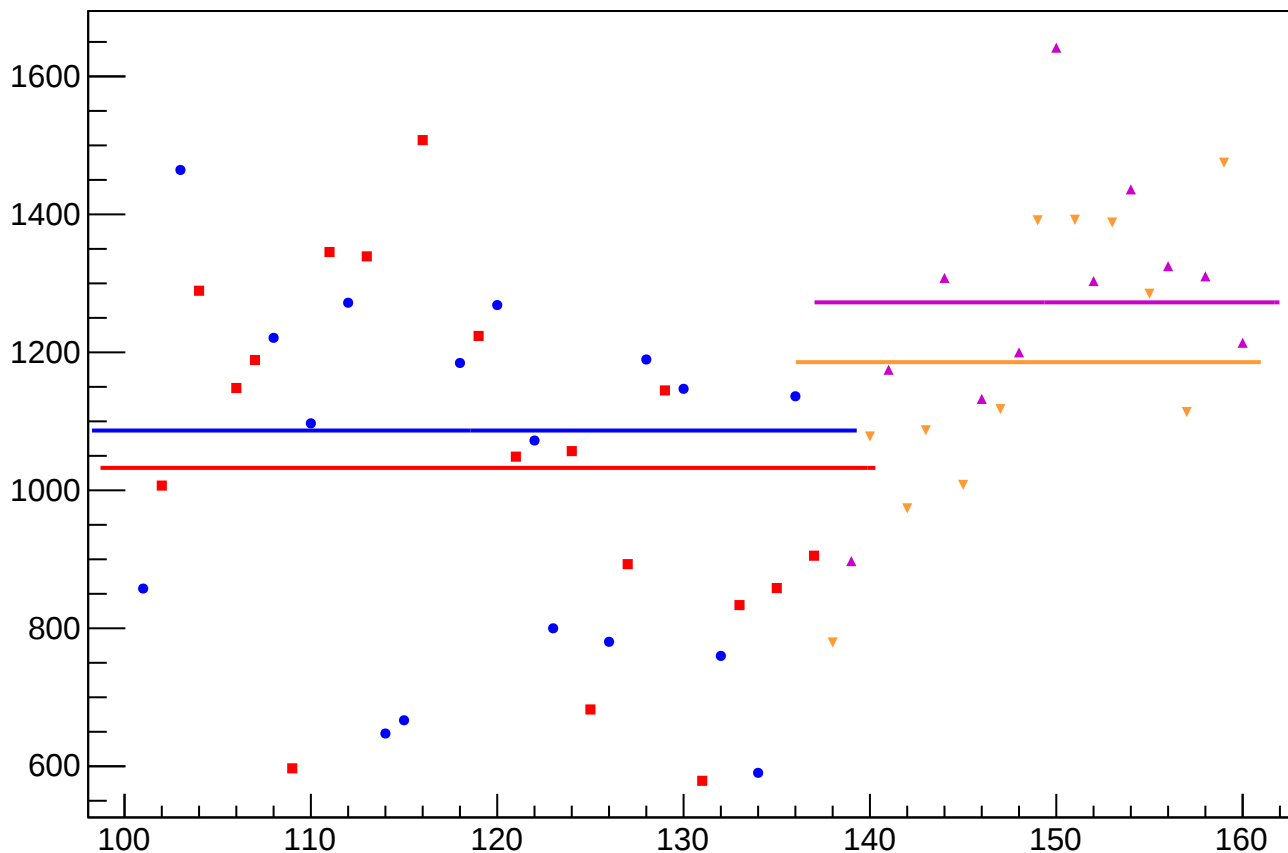
+ sign -69.330+/-0.000 χ^2/NDF : 129268674906465
 All: -69.929+/-0.000 χ^2/NDF : 275500453525
 - sign -70.512+/-0.000 χ^2/NDF : 1461182402037862

dit_4eX_coil3_err_mean vs Slug



Right In: 2.726+/-0.000	χ^2/NDF : 4086214221048218627232910568062976.0/16	+ sign 2.430+/-0.000	χ^2/NDF : 42576736979958561
Left Out: 2.204+/-0.000	χ^2/NDF : 64341762429168624767253736325120.0/11	All: 2.468+/-0.000	χ^2/NDF : 7993038934853
Right Out: 2.743+/-0.000	χ^2/NDF : 3588318821230369709737363581698048.0/17	- sign 2.506+/-0.000	χ^2/NDF : 37306091214057511
Left In: 2.325+/-0.000	χ^2/NDF : 71570259822113159465865385607168.0/10		

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

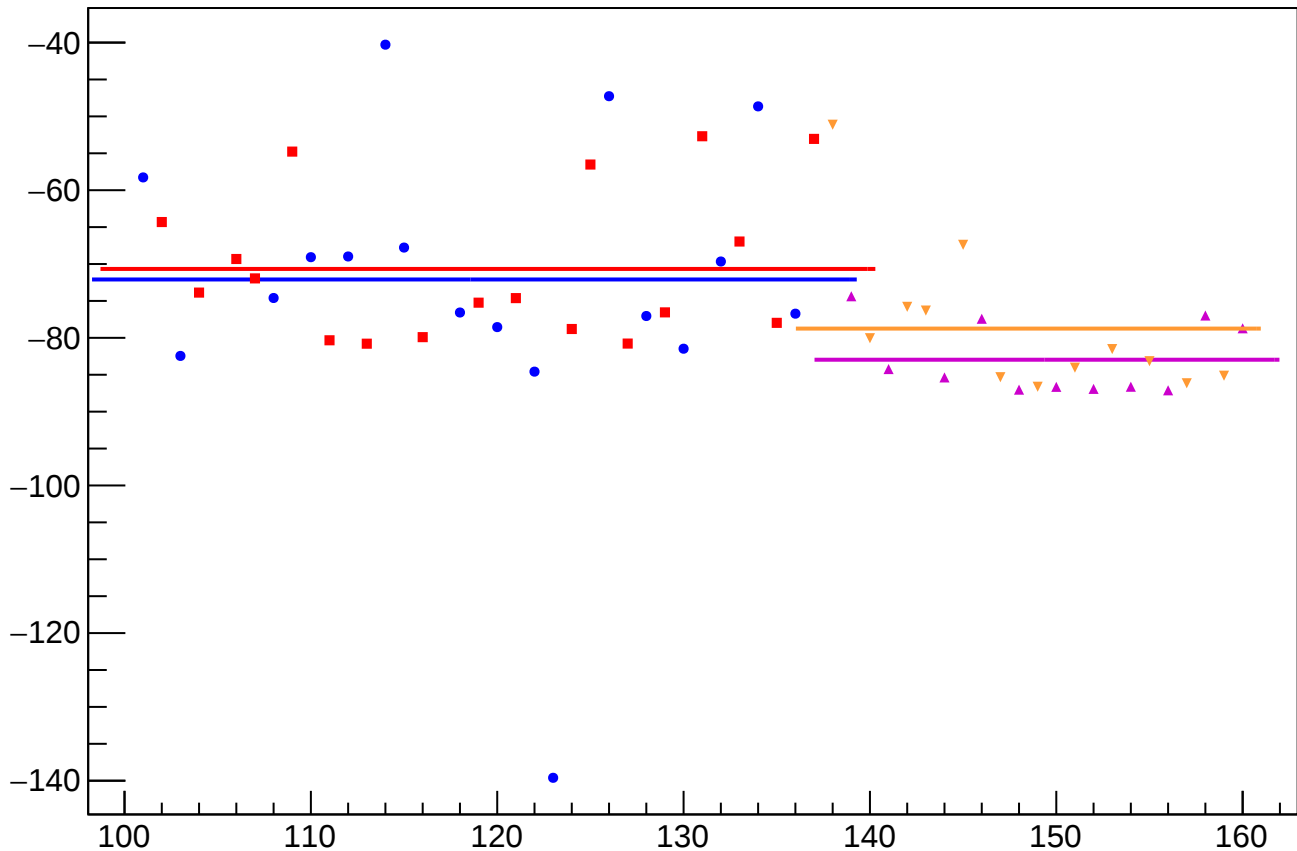
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_11X12X_coil3_mean vs Slug



Right In: -72.094+/-0.000 χ^2/NDF : 103075229118962583323813478911705088.0/16

Left Out: -78.747+/-0.000 χ^2/NDF : 90789525072060271629933547446337536.0/11

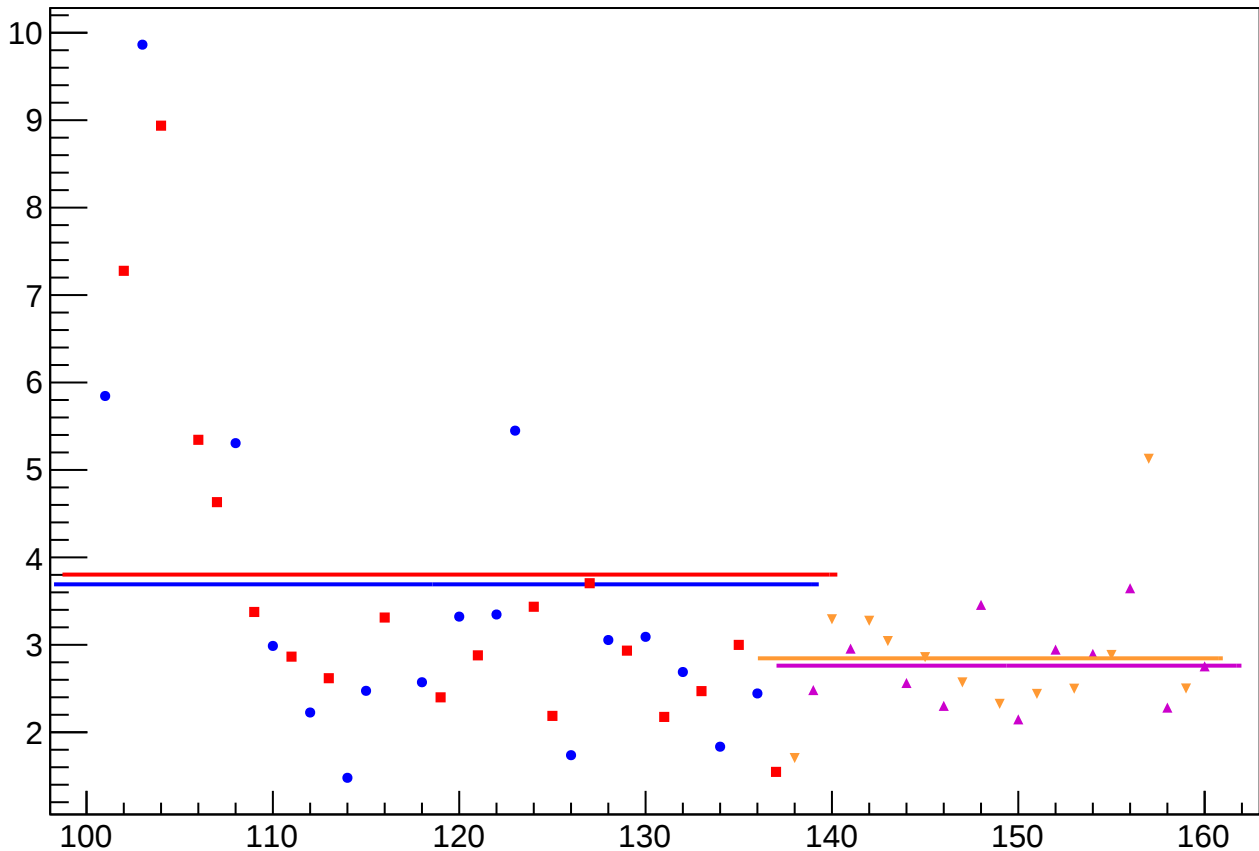
Right Out: -70.666+/-0.000 χ^2/NDF : 63521582322355548765057214851317760.0/17

Left In: -82.966+/-0.000 χ^2/NDF : 20132204805005576765090308057726976.0/10

All: -76.760+/-0.000 χ^2/NDF : 358703515544

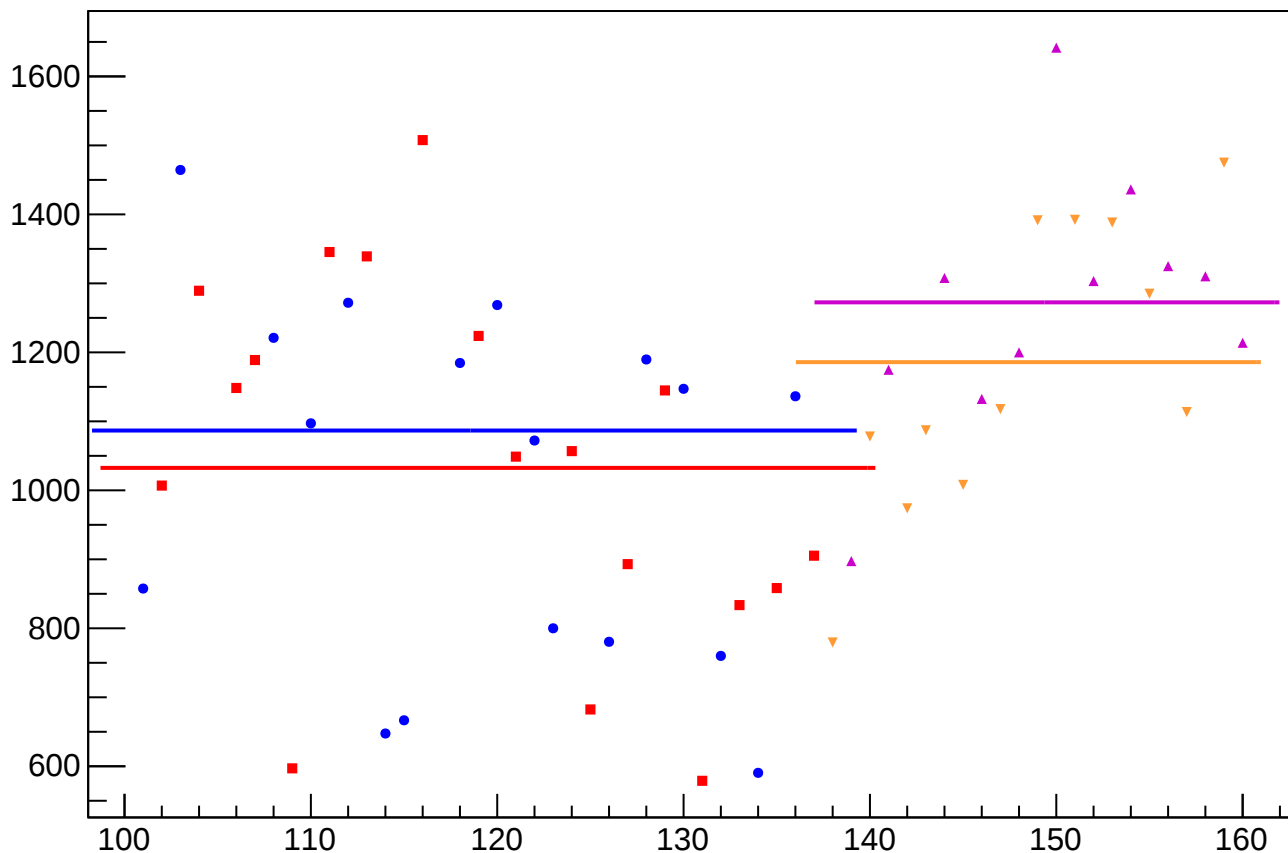
- sign -77.629+/-0.000 χ^2/NDF : 1448931299634330

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.692 $\pm$ 0.000 χ^2 /NDF: 3355971788555014480502828790972416.0/16
 Left Out: 2.846 $\pm$ 0.000 χ^2 /NDF: 575629369641168831235561749479424.0/11
 Right Out: 3.803 $\pm$ 0.000 χ^2 /NDF: 2825063553426013260614294392799232.0/17
 Left In: 2.762 $\pm$ 0.000 χ^2 /NDF: 191371961737300564635223748247552.0/10
 All: 3.213 $\pm$ 0.000 χ^2 /NDF: 76690190416111.0/40
 + sign 3.212 $\pm$ 0.000 χ^2 /NDF: 42133946790033847.0/20
 - sign 3.214 $\pm$ 0.000 χ^2 /NDF: 34556220325134499.0/20

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

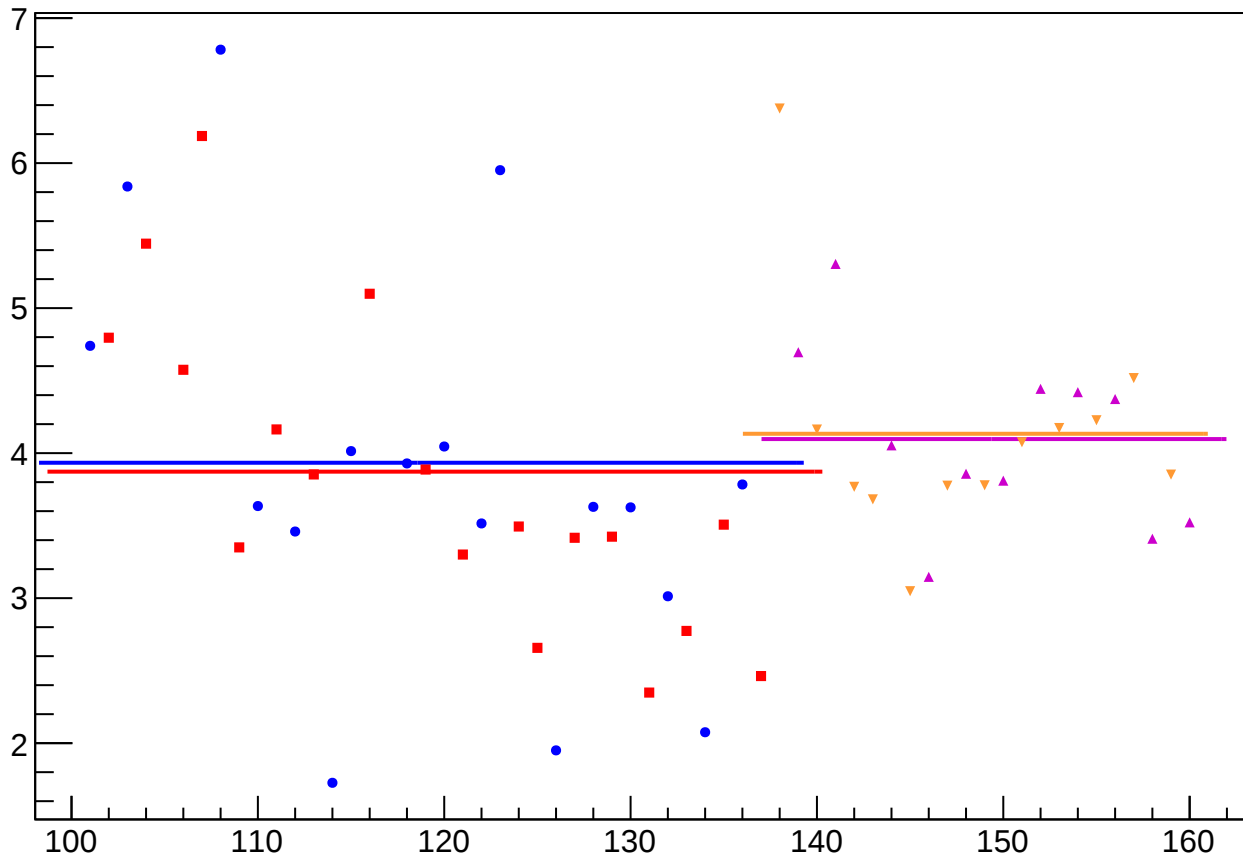
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4aY_coil3_mean vs Slug



Right In: 3.934+/-0.000 χ^2/NDF : 937288717449166058748009299050496.0/16

Left Out: 4.134+/-0.000 χ^2/NDF : 543238329499438777000735270764544.0/11

Right Out: 3.872+/-0.000 χ^2/NDF : 707048075514761321683781922324480.0/17

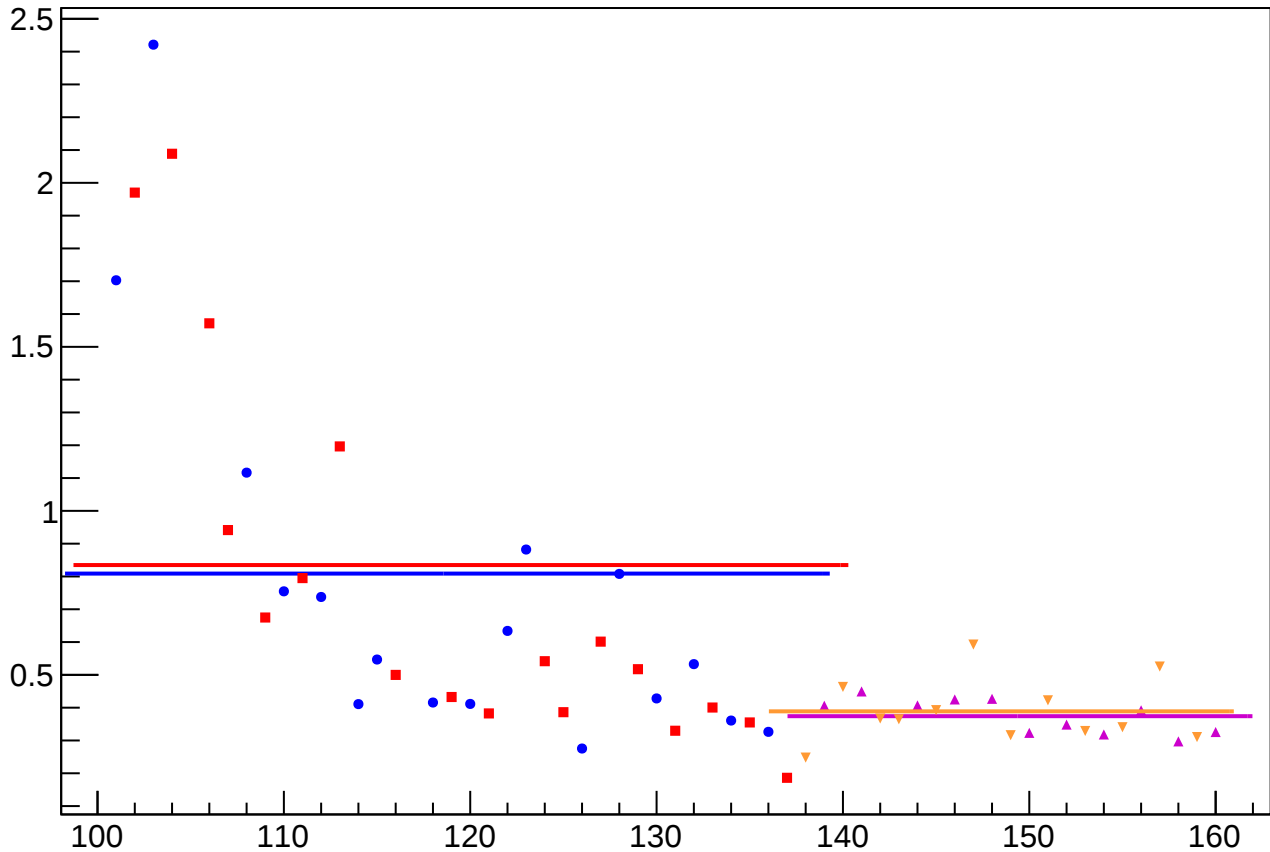
Left In: 4.097+/-0.000 χ^2/NDF : 331914558071256071482746481934336.0/10

+ sign 4.047+/-0.000 χ^2/NDF : 14962391915928441.0/10

All: 4.023+/-0.000 χ^2/NDF : 25574735578333.0/10

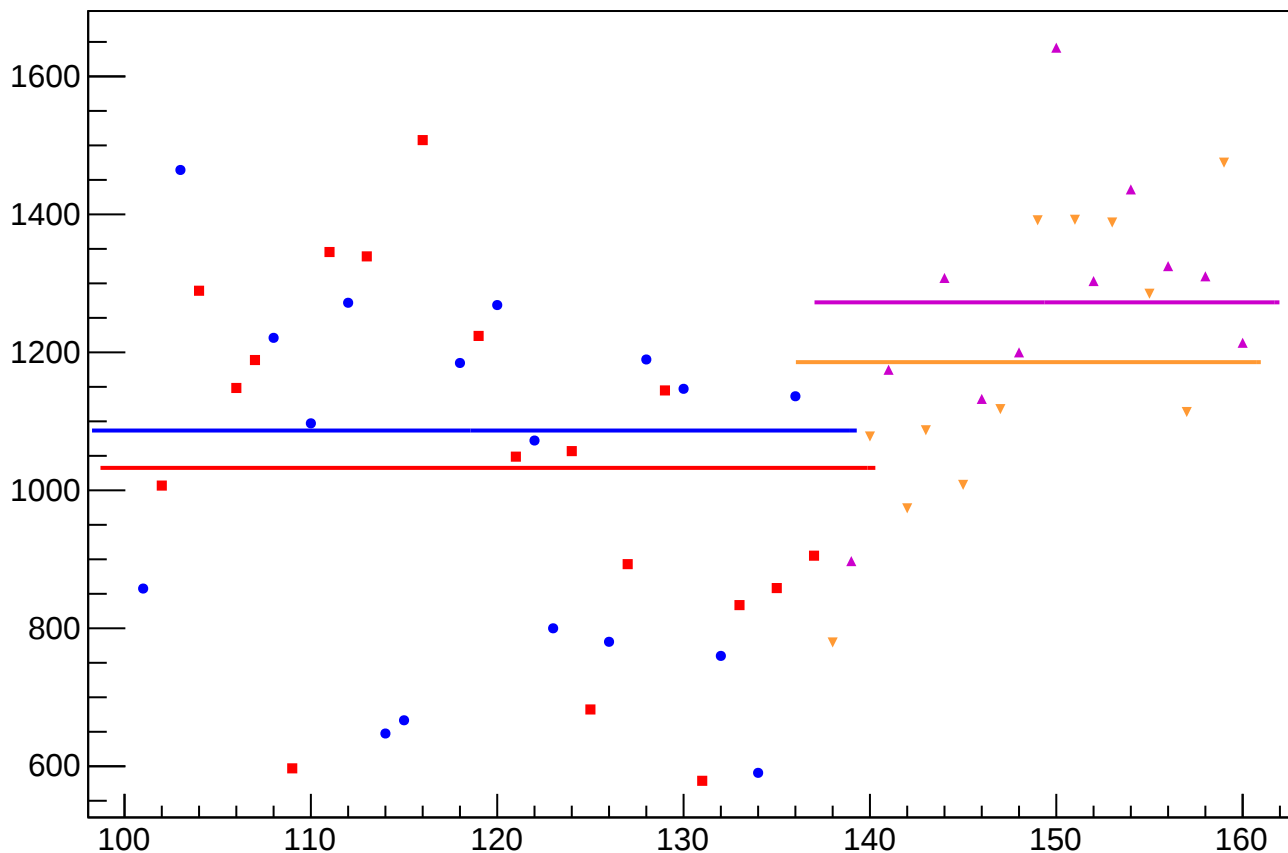
- sign 4.000+/-0.000 χ^2/NDF : 10594005654132572.0/10

dit_4aY_coil3_err_mean vs Slug



Right In: 0.809 $\pm$ 0.000	χ^2 /NDF: 269169890346681229126320544284672.0/16	+ sign 0.571 $\pm$ 0.000	χ^2 /NDF: 34677222065993079
Left Out: 0.389 $\pm$ 0.000	χ^2 /NDF: 8197684990804317089776046964736.0/11	All: 0.572 $\pm$ 0.000	χ^2 /NDF: 68546068208977
Right Out: 0.835 $\pm$ 0.000	χ^2 /NDF: 250373306610542576736300880101376.0/17	- sign 0.574 $\pm$ 0.000	χ^2 /NDF: 33867954754291424
Left In: 0.374 $\pm$ 0.000	χ^2 /NDF: 2379461607366055456140660047872.0/10		

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

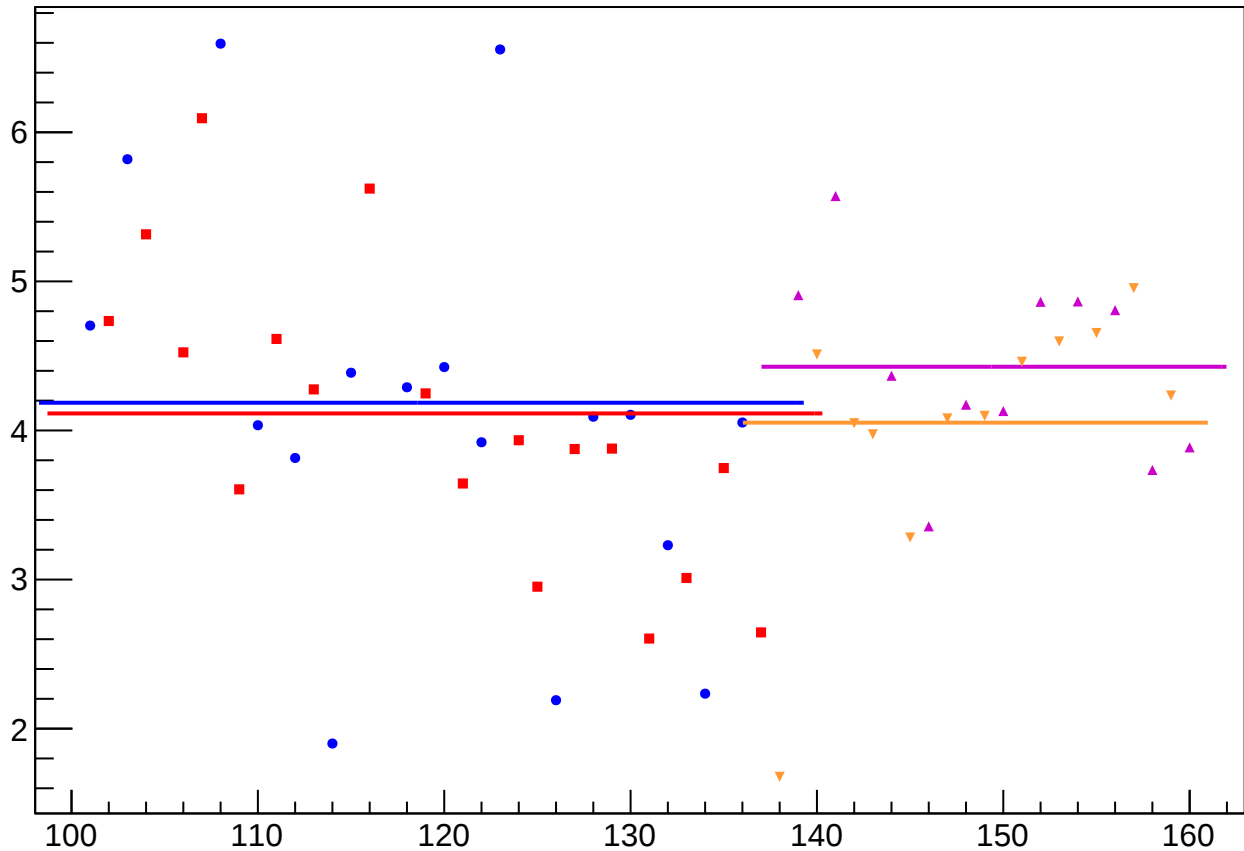
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4eY_coil3_mean vs Slug



Right In: 4.186 $\pm$ 0.000 χ^2 /NDF: 774445398310846770950220892078080.0/16

Left Out: 4.052 $\pm$ 0.000 χ^2 /NDF: 634098515145798855261076427112448.0/11

Right Out: 4.114 $\pm$ 0.000 χ^2 /NDF: 573990867601521273238766982529024.0/17

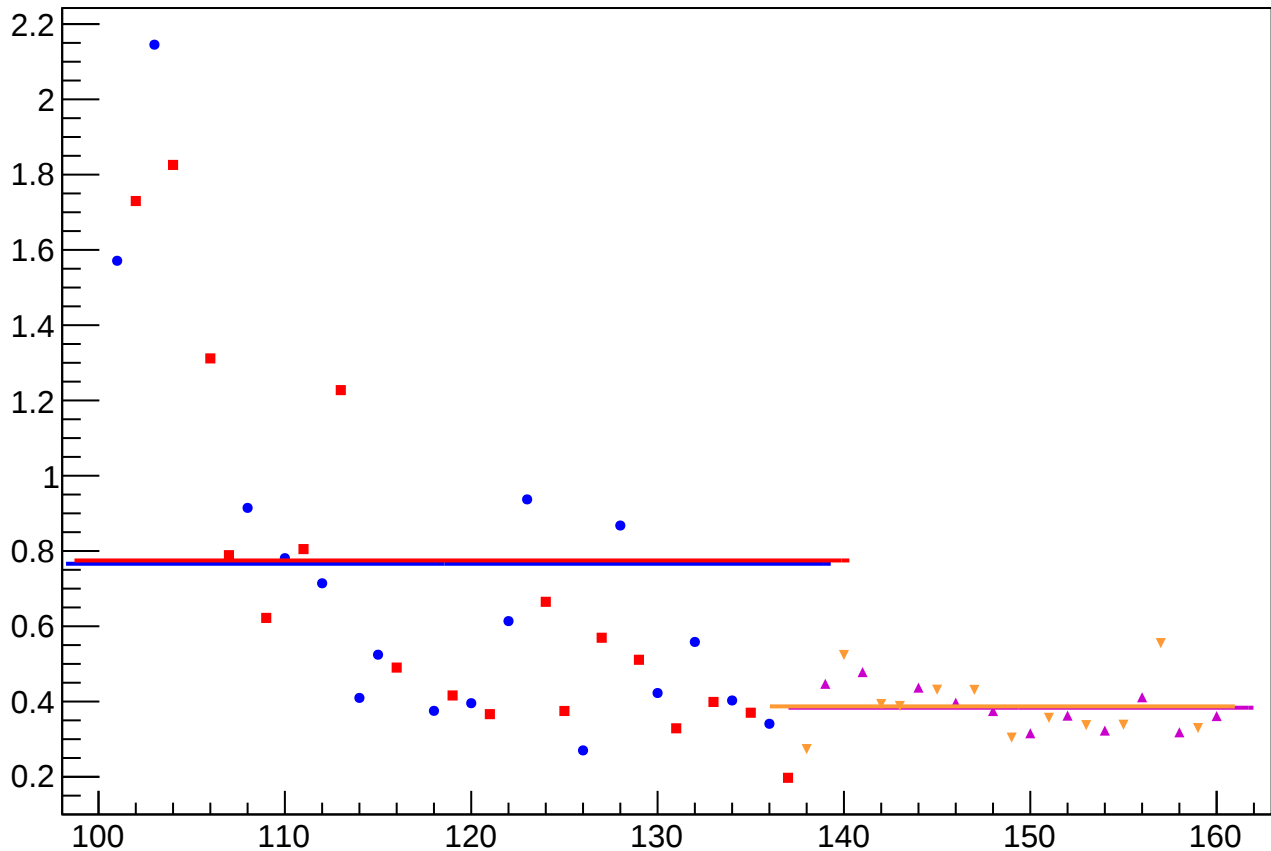
Left In: 4.427 $\pm$ 0.000 χ^2 /NDF: 347229155799314771034943134892032.0/10

+ sign 4.110 $\pm$ 0.000 χ^2 /NDF: 14155619679795147

All: 4.202 $\pm$ 0.000 χ^2 /NDF: 24031632515753

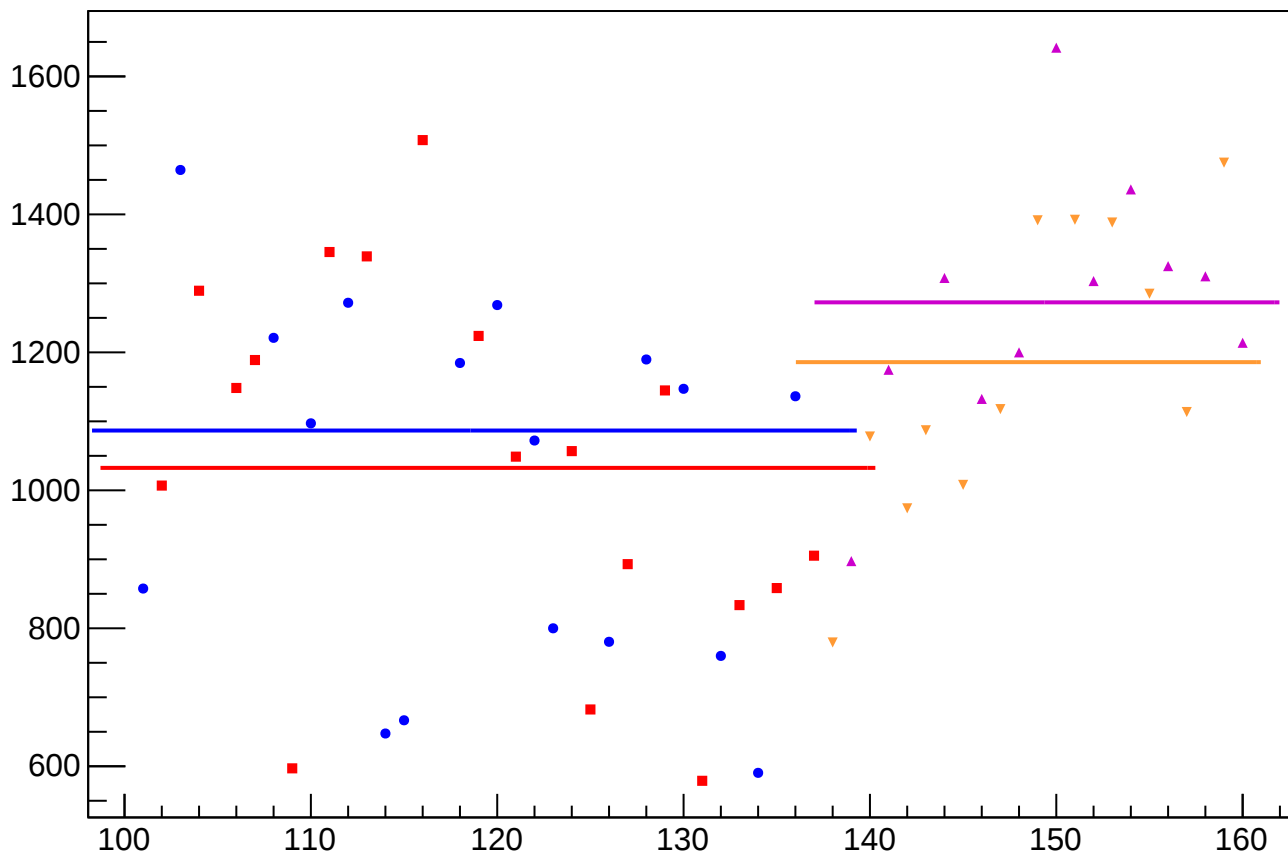
- sign 4.292 $\pm$ 0.000 χ^2 /NDF: 96089553826186659

dit_4eY_coil3_err_mean vs Slug



Right In: 0.766 $\pm$ 0.000 χ^2 /NDF: 204784790719097578994787197911040.0/16
 Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF: 6246545374867762879189246541824.0/11
 Right Out: 0.775 $\pm$ 0.000 χ^2 /NDF: 182293178606852047340817164009472.0/17
 Left In: 0.384 $\pm$ 0.000 χ^2 /NDF: 2598634848541931497775565897728.0/10
 All: 0.552 $\pm$ 0.000 χ^2 /NDF: 51440604230440.0/11
 + sign 0.551 $\pm$ 0.000 χ^2 /NDF: 26755804354011128.0/11
 - sign 0.553 $\pm$ 0.000 χ^2 /NDF: 24684427151471948.0/11

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

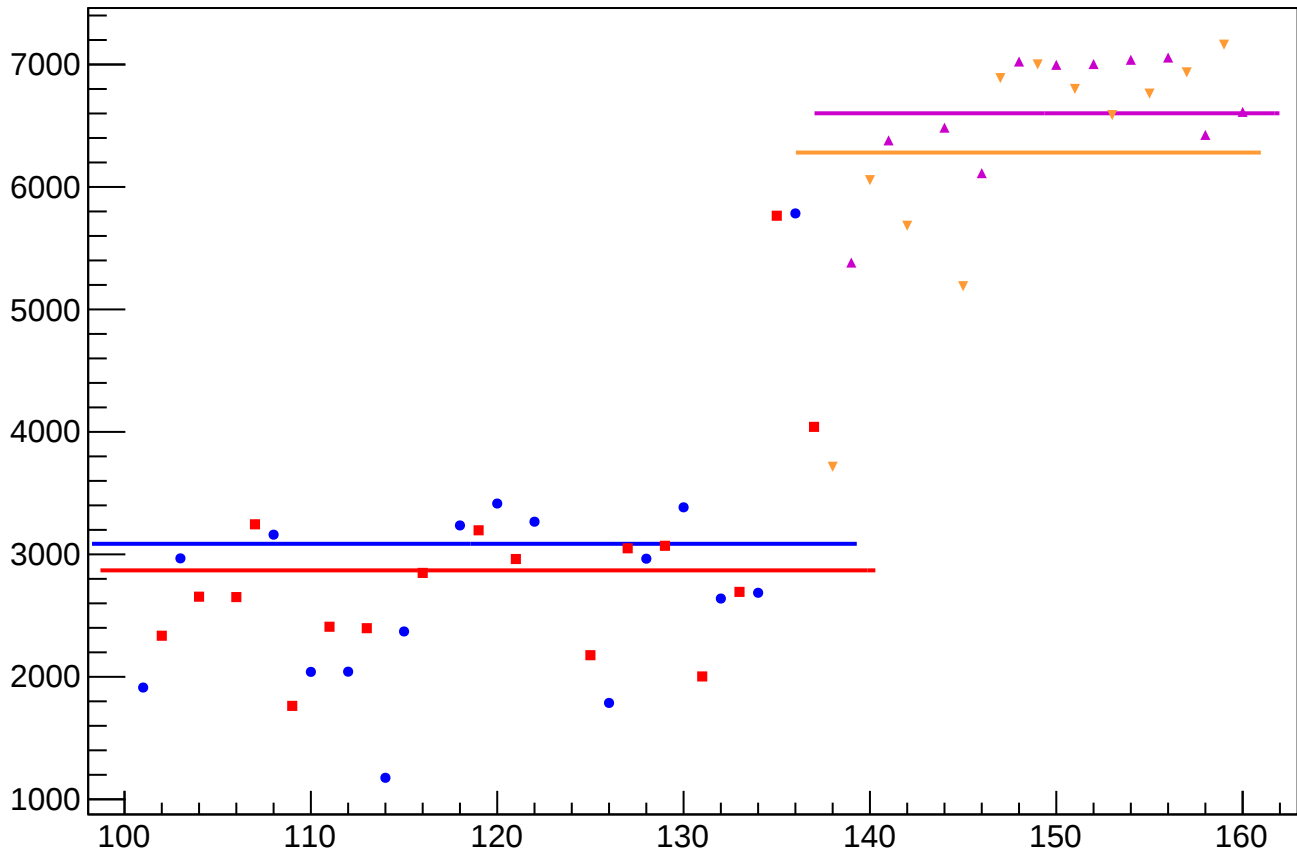
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

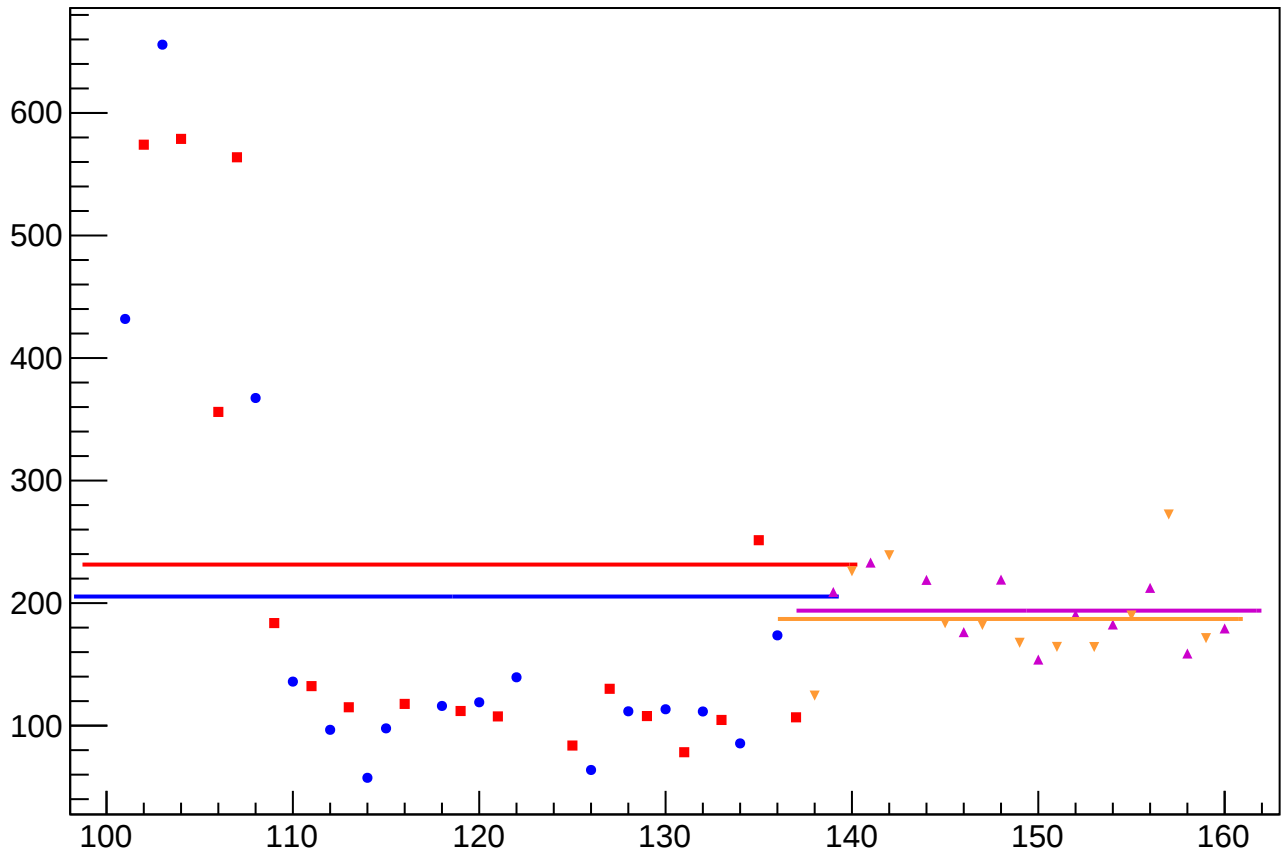
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_usl_coil3_mean vs Slug



Right In: 3086.294+/-0.000	χ^2/NDF : 957872647656521012418983150086021709824.0/15	+ sign 4842.160+/-0.000	χ^2/NDF : 56689031352038
Left Out: 6281.054+/-0.000	χ^2/NDF : 840424812990698239150116446510170243072.0/10	All: 4923.833+/-0.000	χ^2/NDF : 12080426728
Right Out: 2869.332+/-0.000	χ^2/NDF : 591237562305543847323062569482235936768.0/16	- sign 5000.408+/-0.000	χ^2/NDF : 63917233141790
Left In: 6601.570+/-0.000	χ^2/NDF : 224954235143433170053737939603445252096.0/10		

dit_usl_coil3_err_mean vs Slug



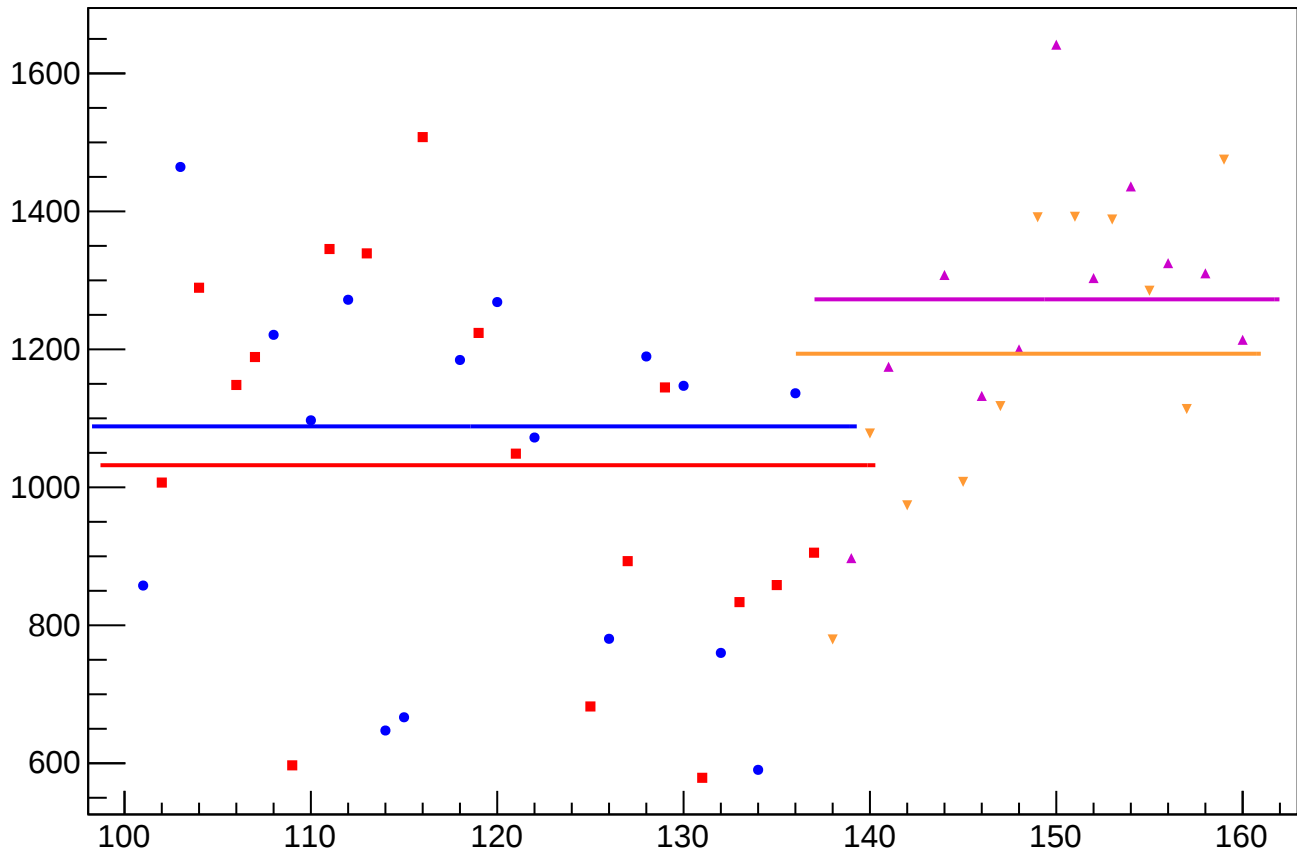
Right In: 205.364+/-0.000	χ^2/NDF : 20493668782682953984090808657754718208.0/15
Left Out: 187.052+/-0.000	χ^2/NDF : 1231111224909573231836373521014980608.0/10
Right Out: 231.450+/-0.000	χ^2/NDF : 23996601891457376807935240829130506240.0/16
Left In: 193.848+/-0.000	χ^2/NDF : 586629985939156798428558842319077376.0/10

+ sign 195.300+/-0.000 χ^2/NDF : 218519570104929

All: 202.876+/-0.000 χ^2/NDF : 47171521339

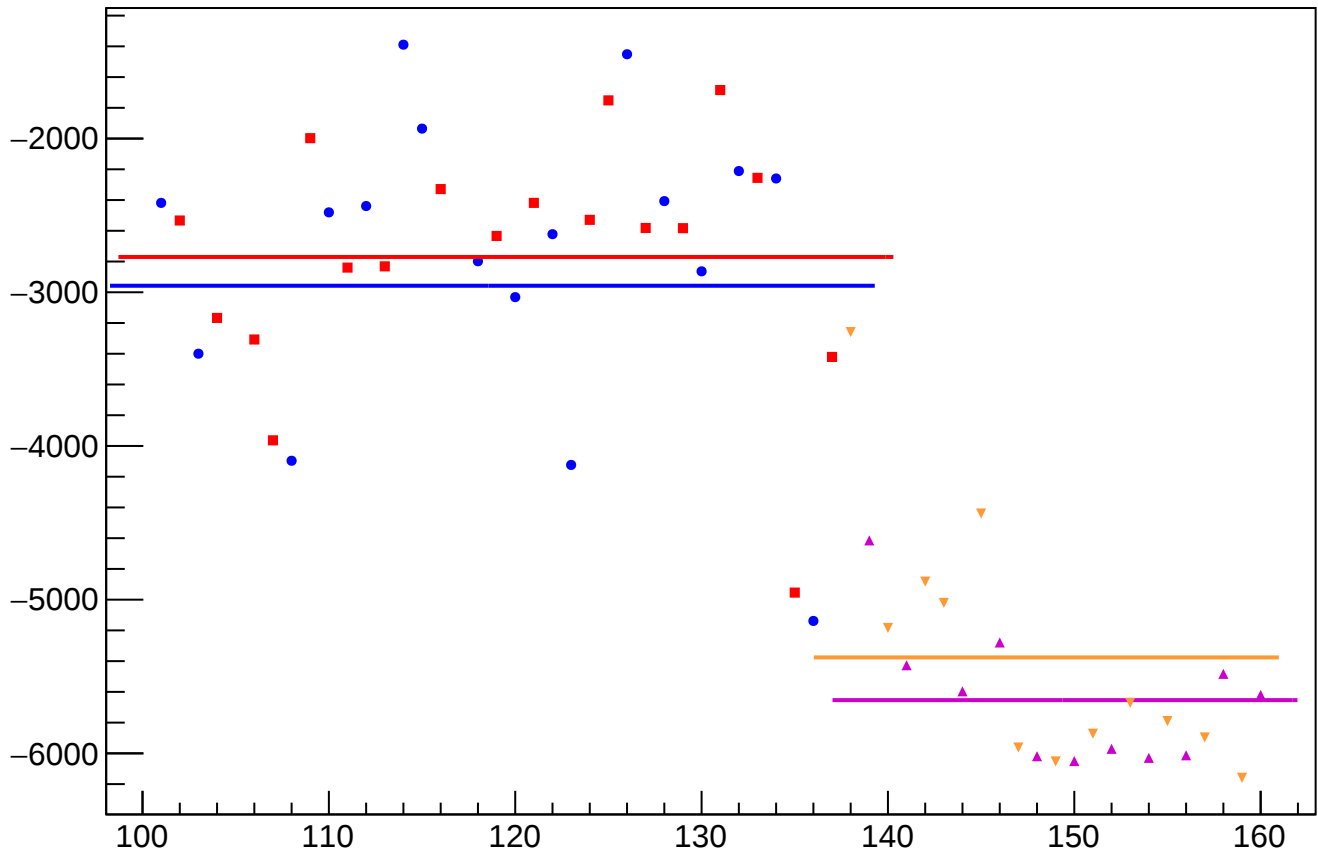
- sign 209.980+/-0.000 χ^2/NDF : 251491725465213

dit_usl_coil3_Ndata_mean vs Slug



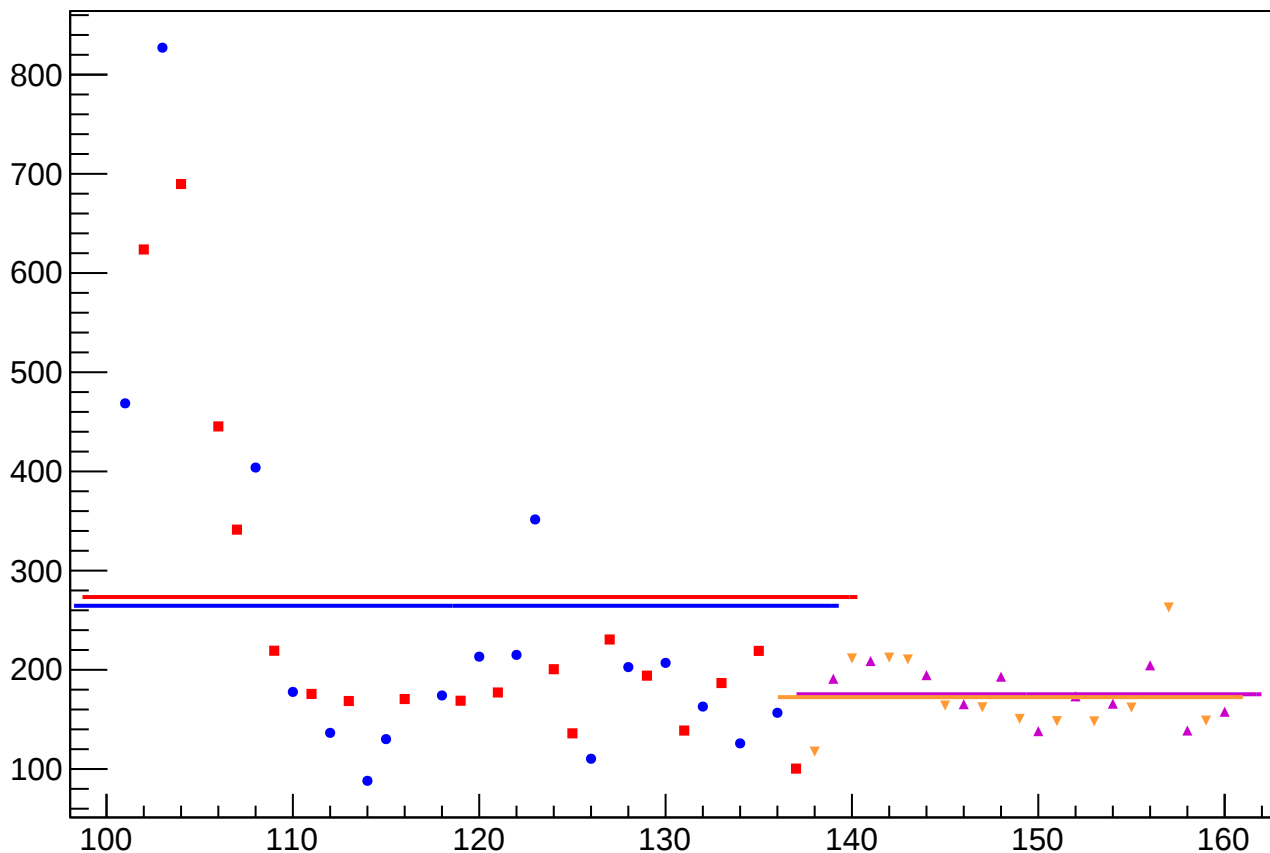
Right In: 1088.357 +/- 0.000 χ^2/NDF : 34282153777351983771685586546357960704.0/15
 Left Out: 1193.682 +/- 0.000 χ^2/NDF : 36852151008799488295542377563587346432.0/10
 Right Out: 1032.058 +/- 0.000 χ^2/NDF : 47606445983736508238206731798200713216.0/16
 Left In: 1272.495 +/- 0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_usr_coil3_mean vs Slug



Right In: -2957.567 ± 0.000 $\chi^2/\text{NDF}: 713909426456610215881026852236843548672.0/16$
 Left Out: -5375.695 ± 0.000 $\chi^2/\text{NDF}: 614970411401357250704026120645020483584.0/11$
 Right Out: -2770.253 ± 0.000 $\chi^2/\text{NDF}: 445434357481765841936850386629712412672.0/17$
 Left In: -5653.693 ± 0.000 $\chi^2/\text{NDF}: 163388727247640022745164219494657163264.0/10$

dit_usr_coil3_err_mean vs Slug



Right In: 264.557 $\pm$ 0.000 χ^2/NDF : 27392235444982313348552279916984401920.0/16

Left Out: 172.461 $\pm$ 0.000 χ^2/NDF : 1337859782705403198008239582328389632.0/11

Right Out: 273.375 $\pm$ 0.000 χ^2/NDF : 22103440288407609769259099140296540160.0/17

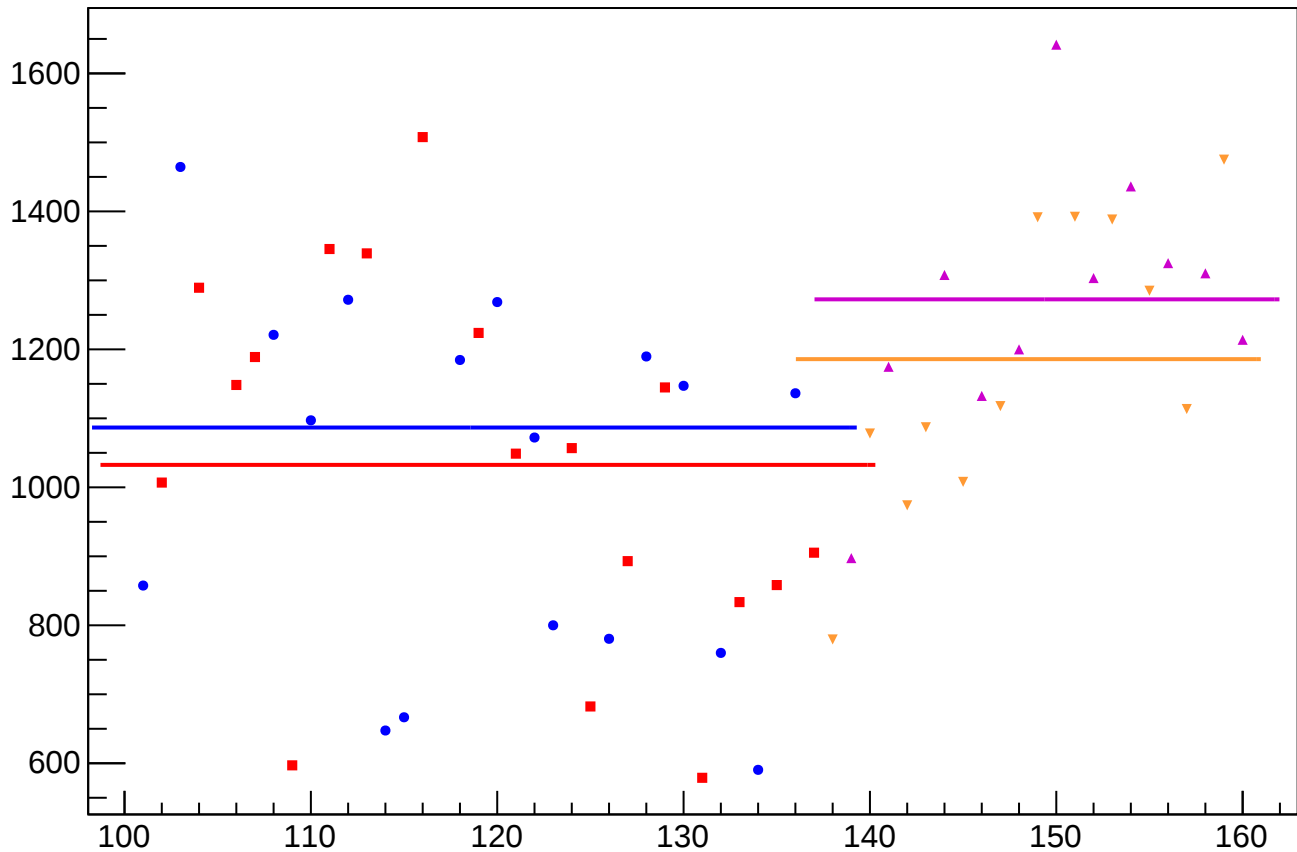
Left In: 175.349 $\pm$ 0.000 χ^2/NDF : 519457890651720785160381502035329024.0/10

+ sign 212.333 $\pm$ 0.000 χ^2/NDF : 320679849131950

All: 215.144 $\pm$ 0.000 χ^2/NDF : 586055091249

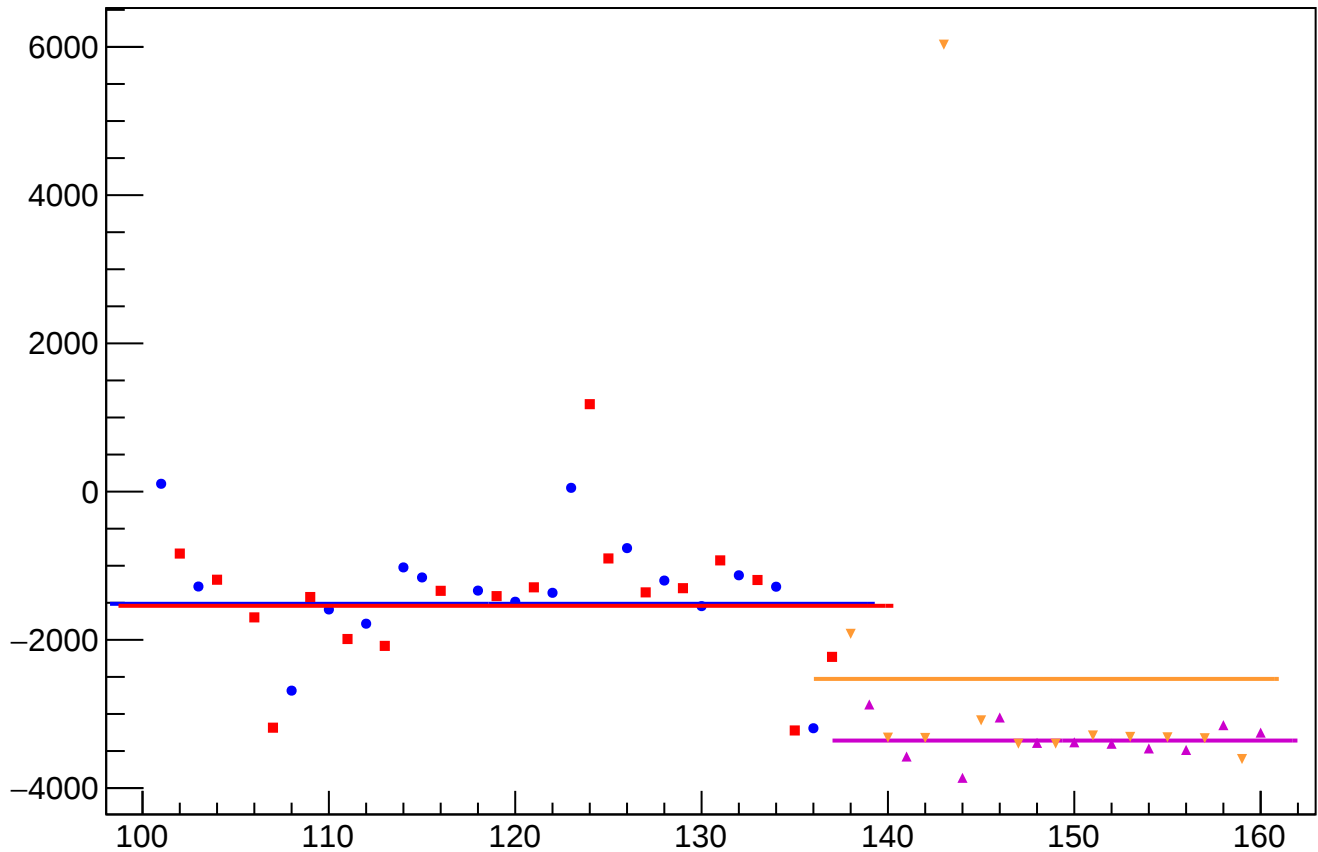
- sign 217.879 $\pm$ 0.000 χ^2/NDF : 265125315642352

dit_usr_coil3_Ndata_mean vs Slug



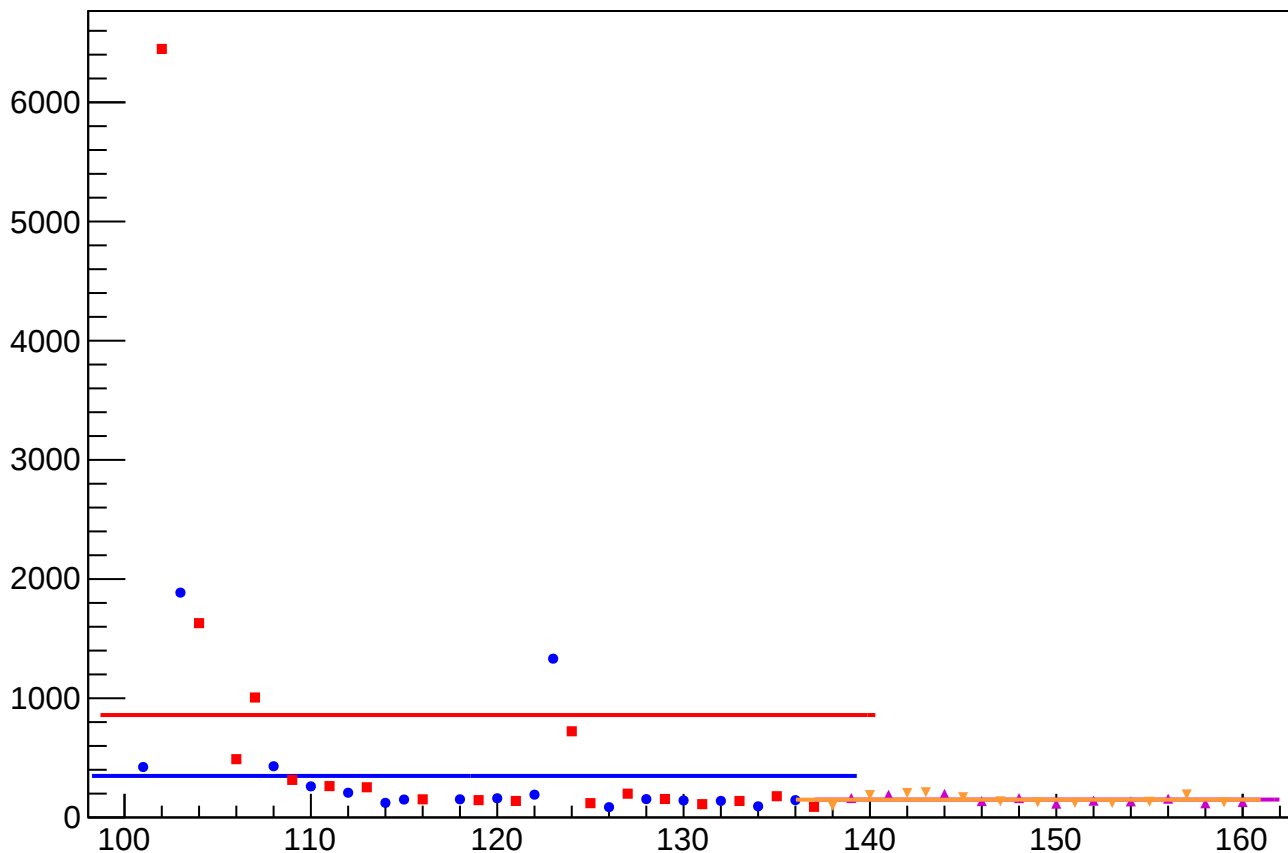
Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	+ sign 1142.906+/-0.000	χ^2/NDF : 76037619994785
Left Out: 1185.823+/-0.000	χ^2/NDF : 37557683033316568818198536296895348736.0/11	All: 1155.825+/-0.000	χ^2/NDF : 17736486682
Right Out: 1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	- sign 1168.390+/-0.000	χ^2/NDF : 10079953084874
Left In: 1272.495+/-0.000	χ^2/NDF : 29878198288838193261445678233542459392.0/10		

dit_atl1_coil3_mean vs Slug



Right In: -1513.653 ± 0.000 $\chi^2/\text{NDF}: 514234912482757513557339366977389461504.0/16$
 Left Out: -2527.006 ± 0.000 $\chi^2/\text{NDF}: 5451232990455416155360910698566211600384.0/11$
 Right Out: -1540.621 ± 0.000 $\chi^2/\text{NDF}: 446199417852057016559160819528574697472.0/17$
 Left In: -3358.797 ± 0.000 $\chi^2/\text{NDF}: 60700995686323483961460541092630888448.0/10$

dit_atl1_coil3_err_mean vs Slug



Right In: 348.444+/-0.000 χ^2/NDF : 164421878122610355371654497383202422784.0/16

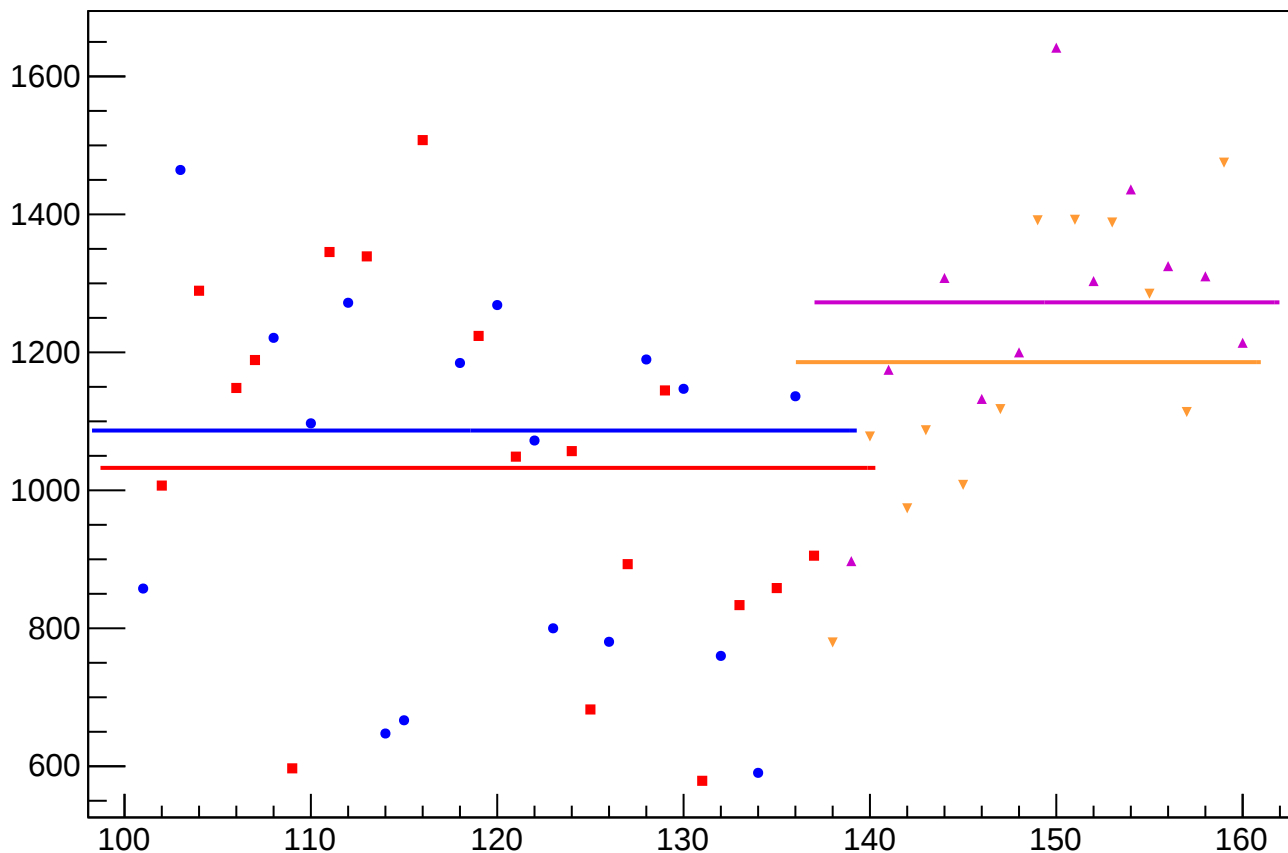
Left Out: 149.175+/-0.000 χ^2 /NDF:115400855761692730532035624438988800.0/11

Right Out: 859.360+/-0.000 χ^2/NDF : 2089894584846900651264019930845330538496.0/17

Left In: 149.996+/-0.000 χ^2/NDF : 63421121039111193289402478351089664.0/10

Left In: 149.996+/-0.000 χ^2/NDF :63421121039111193289402478351089664.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

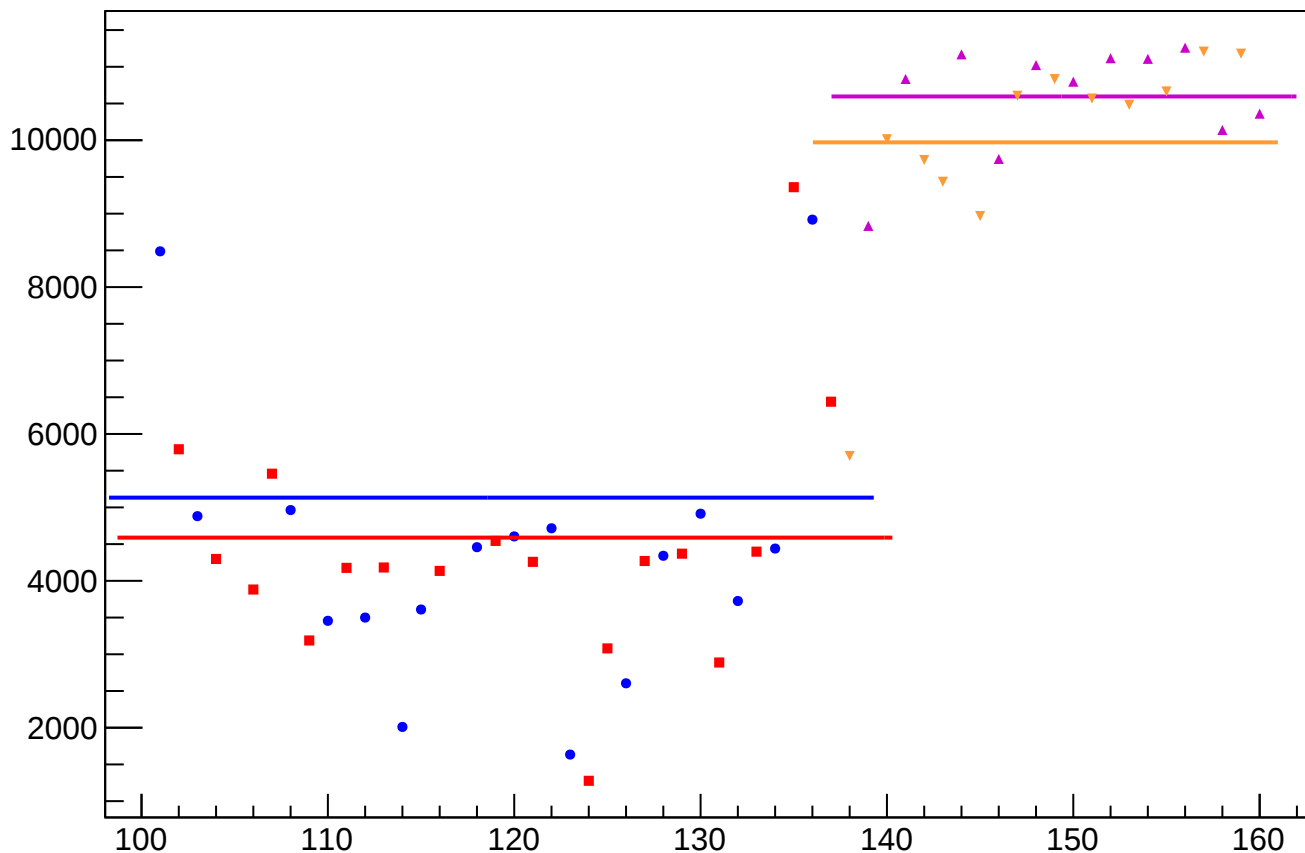
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

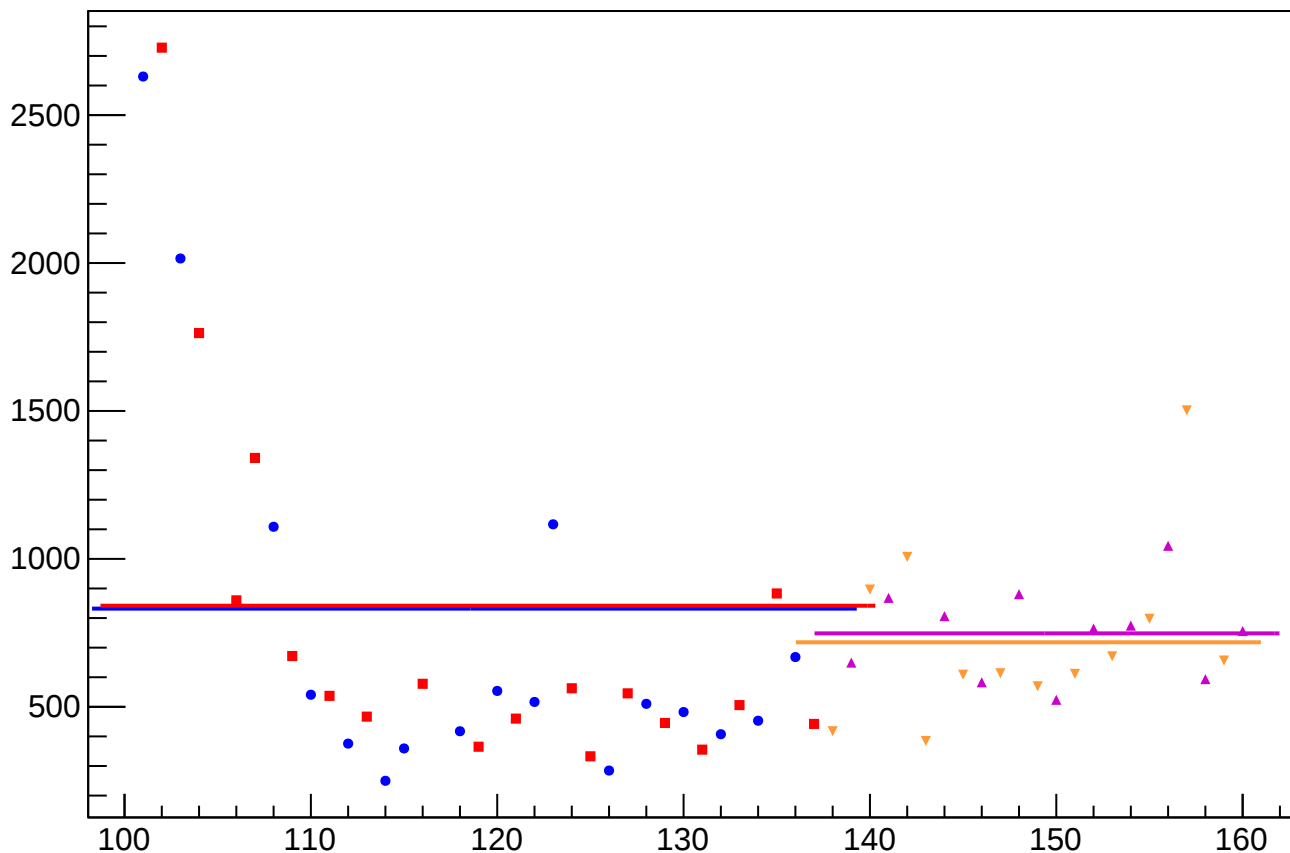
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_atl2_coil3_mean vs Slug



Right In: 5133.097+/-0.000	χ^2/NDF : 2783606731789543492542627200033364115456.0/16	+ sign 7876.467+/-0.000	χ^2/NDF : 13928979529147
Left Out: 9970.965+/-0.000	χ^2/NDF : 1934561351581385388949199210125109231616.0/11	All: 7933.751+/-0.000	χ^2/NDF : 30777943960
Right Out: 4588.565+/-0.000	χ^2/NDF : 1762679658137517030098233744958039261184.0/17	- sign 7989.471+/-0.000	χ^2/NDF : 1683858776209
Left In: 10595.738+/-0.000	χ^2/NDF : 468576856430233997179123685345978220544.0/10		

dit_atl2_coil3_err_mean vs Slug



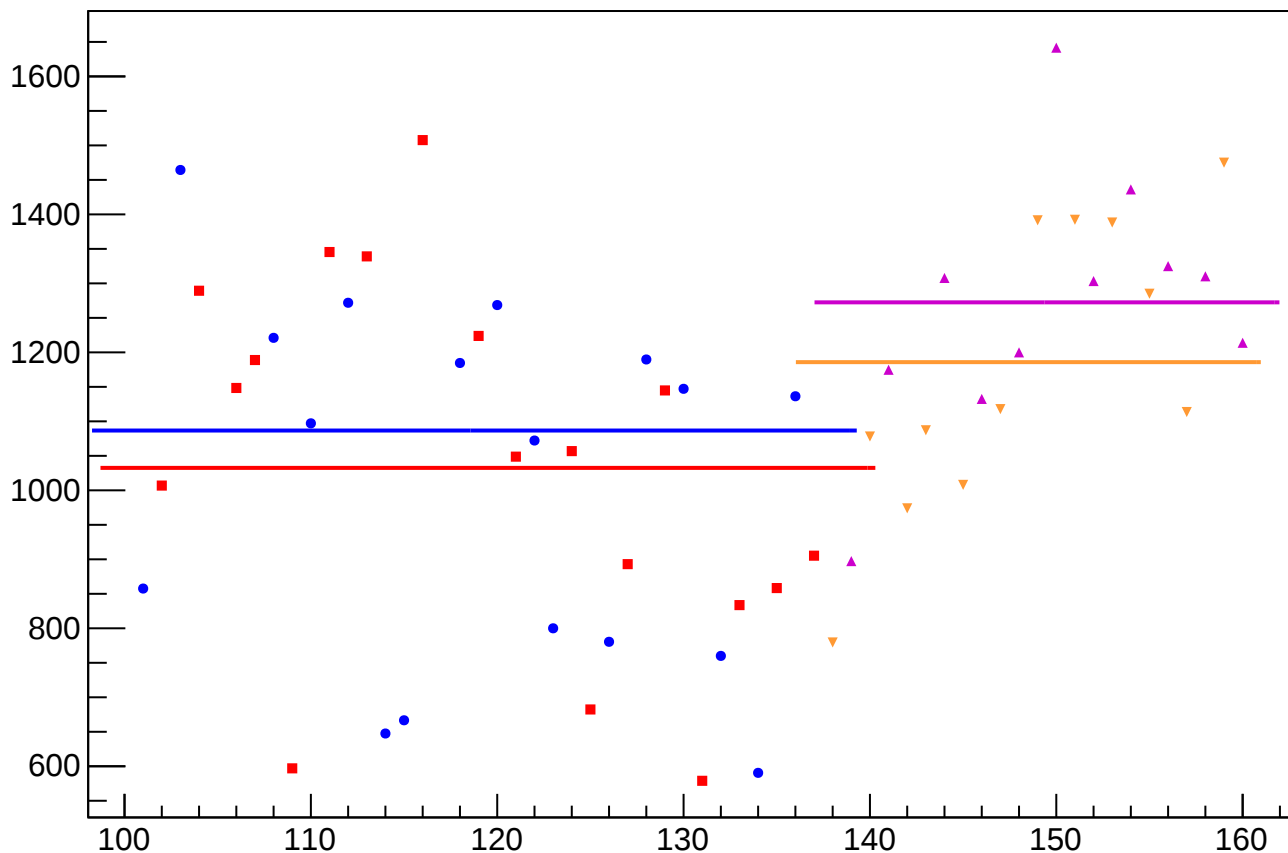
Right In: 831.957+/-0.000 χ^2/NDF : 349451729062960856481628082238677581824.0/16

Left Out: 718.149+/-0.000 χ^2/NDF : 71937620206312488089989876430797799424.0/11

Right Out: 841.697+/-0.000 χ^2/NDF : 327194571788790762884924618221350289408.0/17

Left In: 748.248+/-0.000 χ^2/NDF : 19684275040316832189212720213180547072.0/10

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

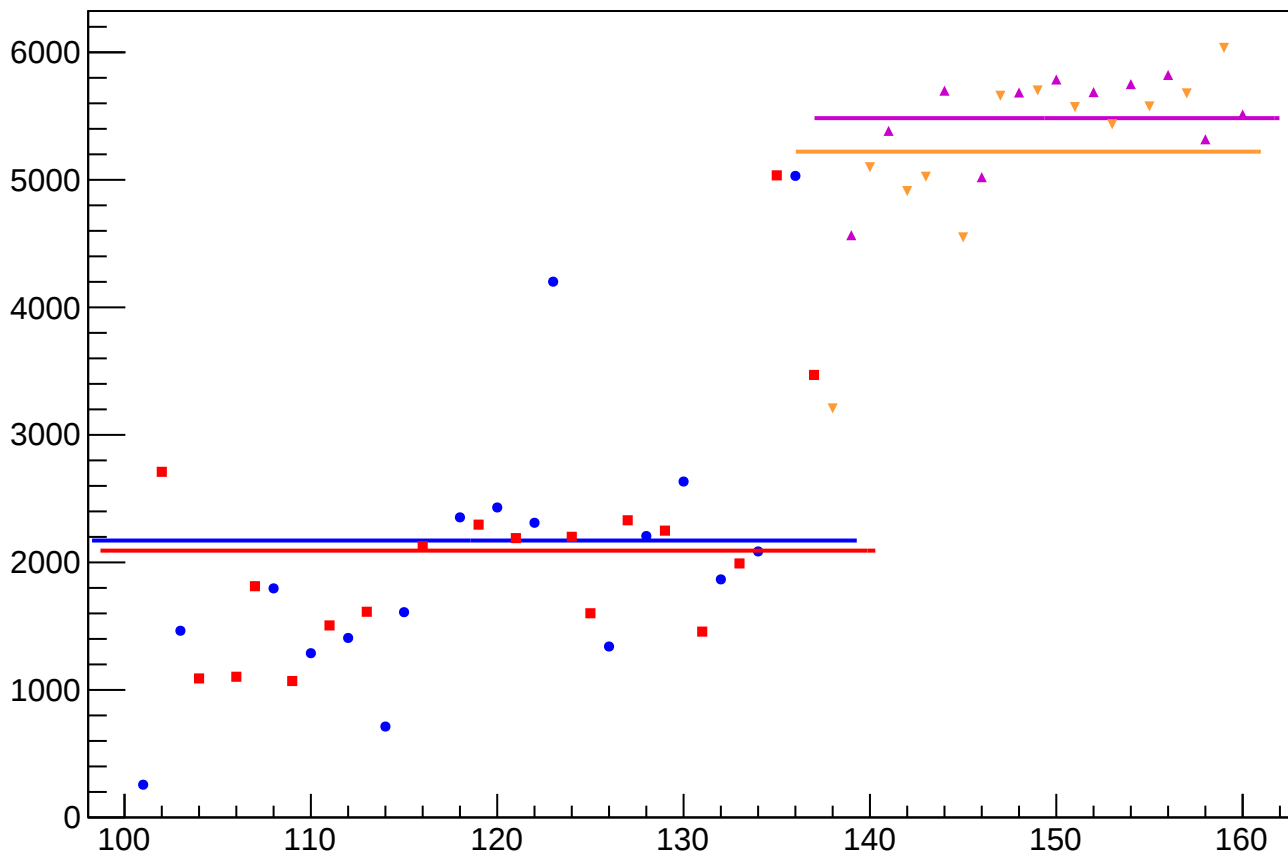
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

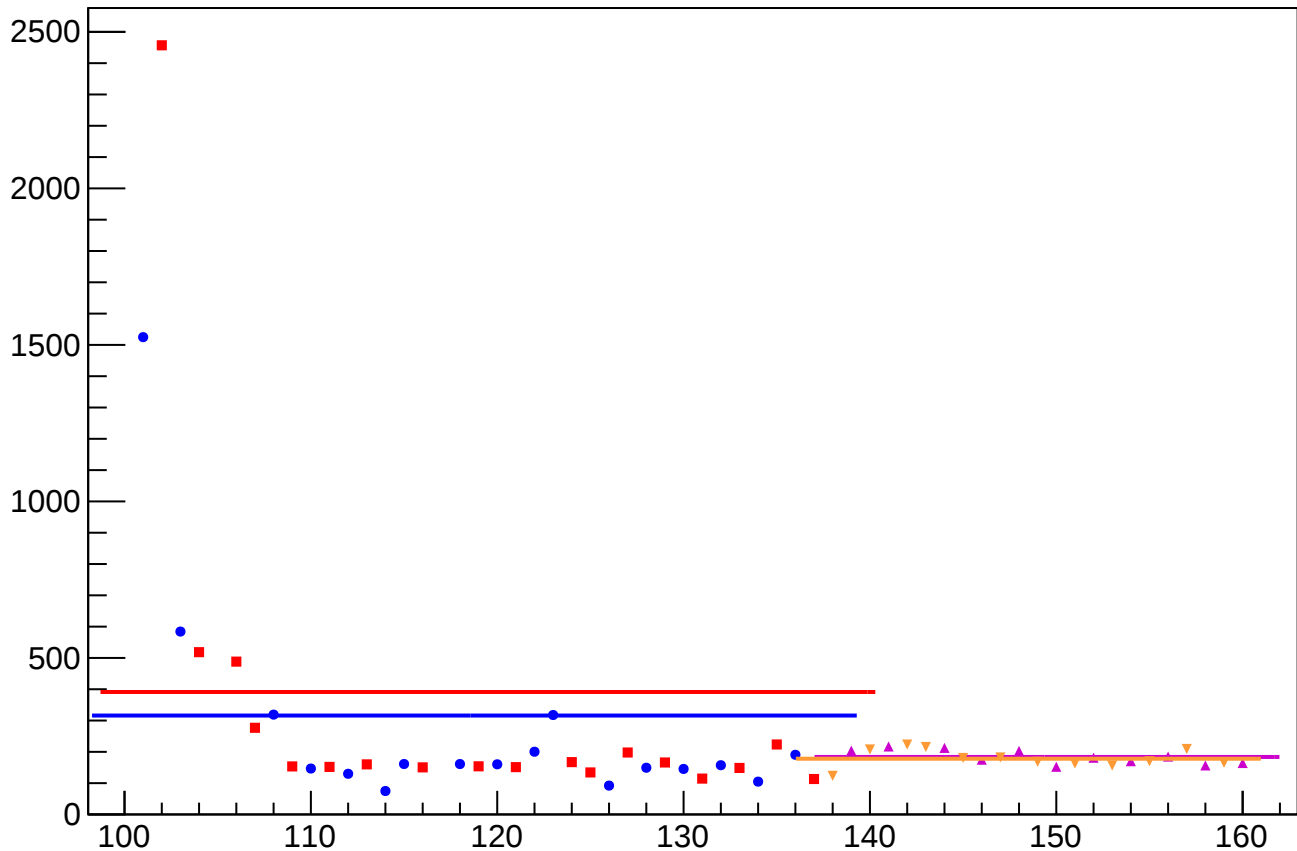
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_atr1_coil3_mean vs Slug



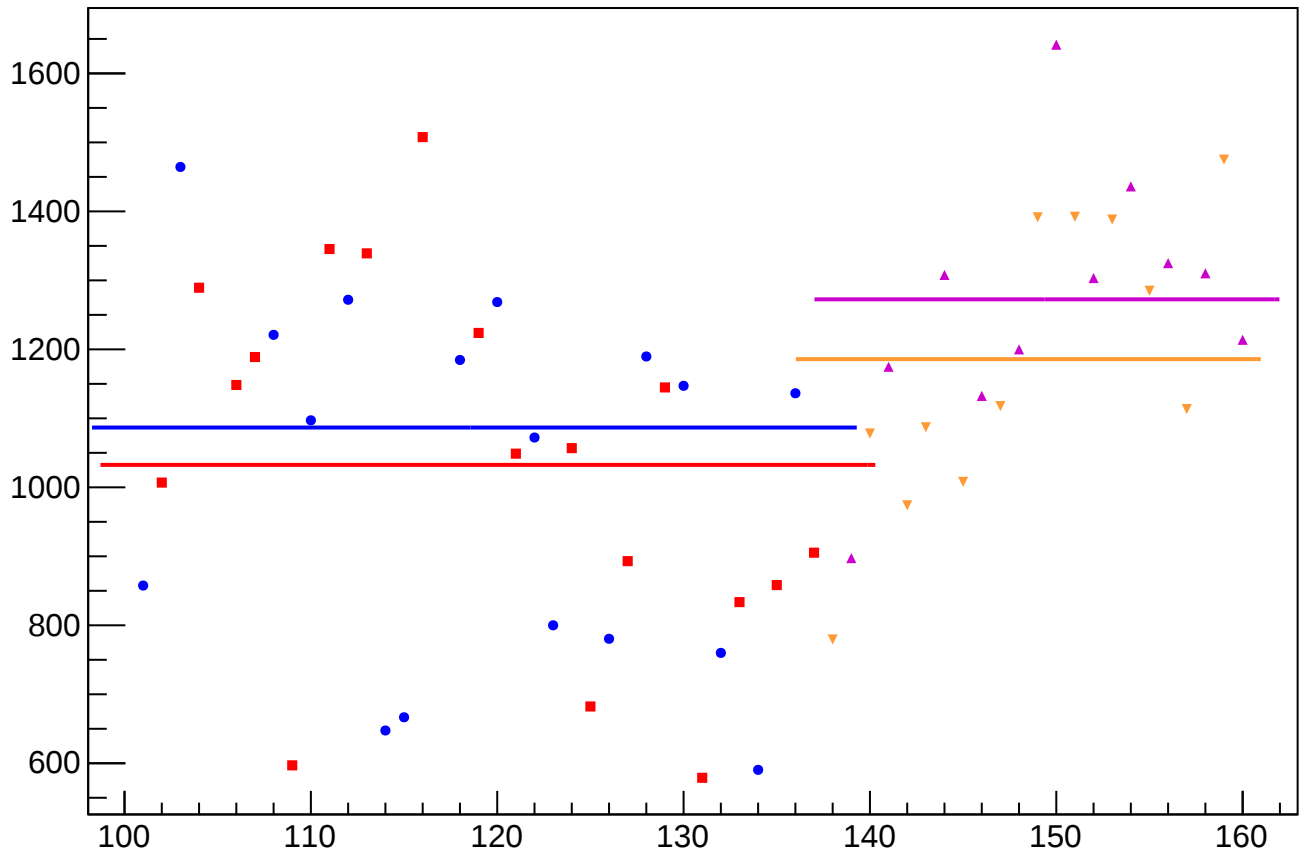
Right In: 2171.584+/-0.000 χ^2/NDF : 1121481436711992505747608002078061887488.0/16
 Left Out: 5221.037+/-0.000 χ^2/NDF : 485765431105029285433830000844618072064.0/11
 Right Out: 2092.361+/-0.000 χ^2/NDF : 667441885377832140265043131761621467136.0/17
 Left In: 5483.850+/-0.000 χ^2/NDF : 124207618021639643047117923230651777024.0/10

dit_atr1_coil3_err_mean vs Slug



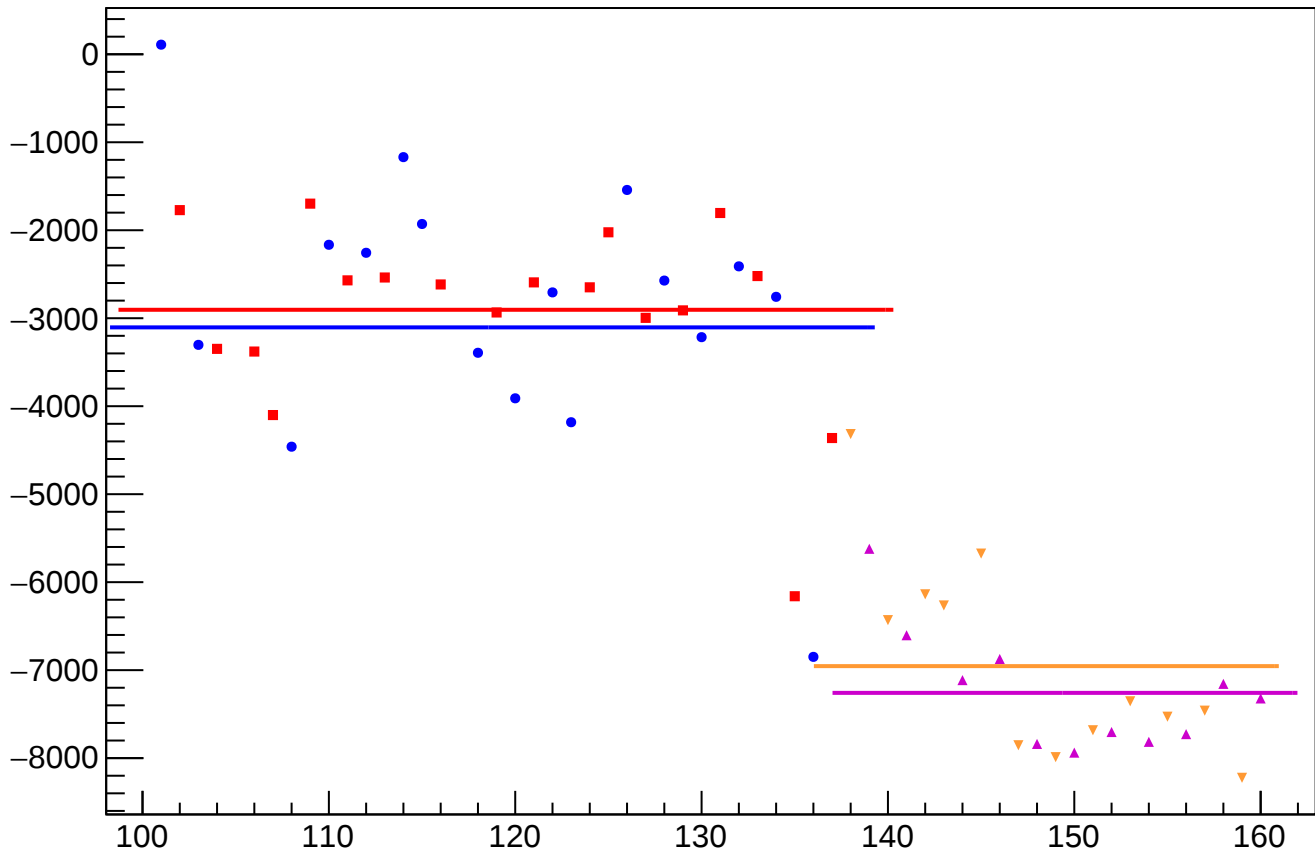
Right In: 315.988 $\pm$ 0.000 χ^2 /NDF: 105245970043528229052885068868464148480.0/16
 Left Out: 178.075 $\pm$ 0.000 χ^2 /NDF: 651585134849869206771008425477275648.0/11
 Right Out: 391.241 $\pm$ 0.000 χ^2 /NDF: 278615743451952201300141162839823876096.0/17
 Left In: 183.693 $\pm$ 0.000 χ^2 /NDF: 436901081723904411805948593427185664.0/10

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

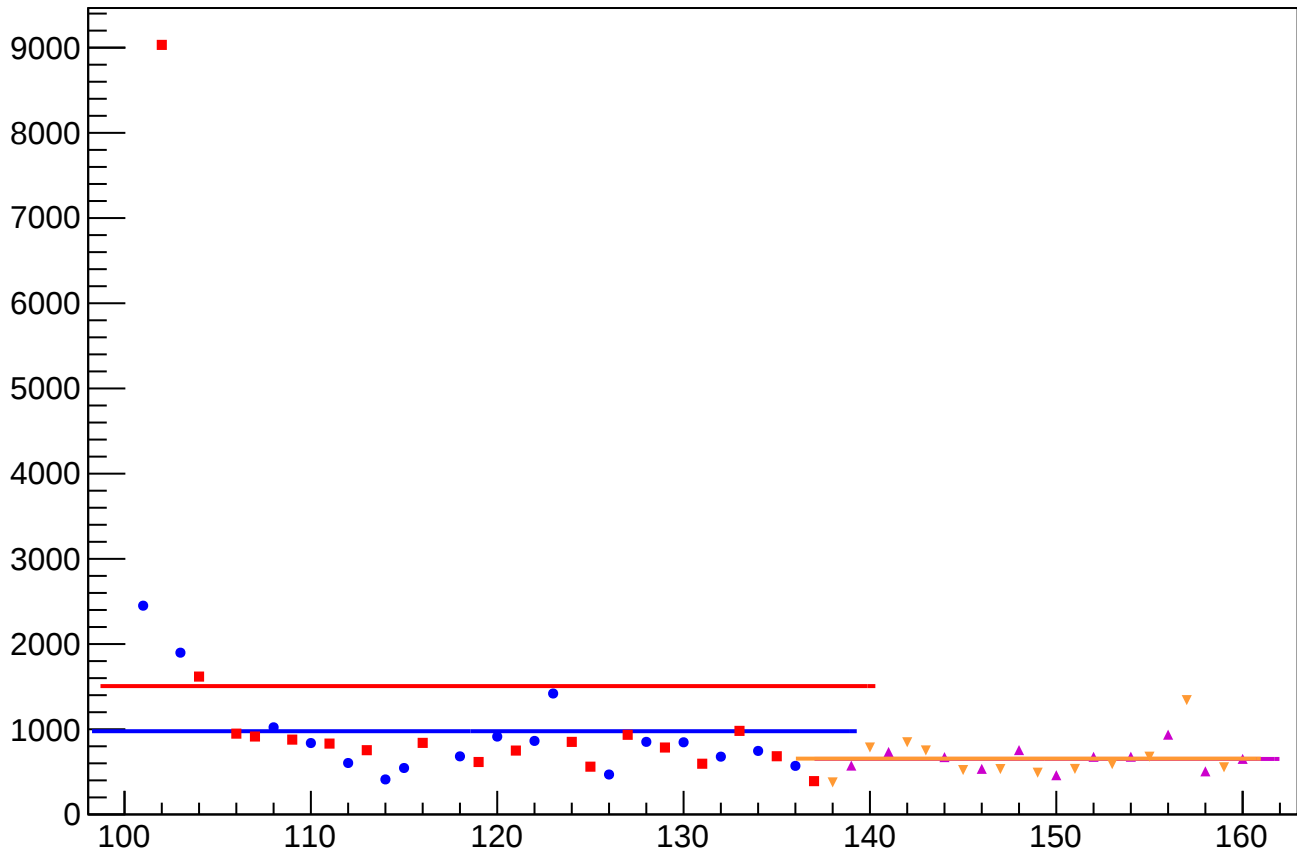
dit_atr2_coil3_mean vs Slug



Right In: -3104.086+/-0.000	χ^2/NDF : 2219830093322908449503226232551283621888.0/16
Left Out: -6954.312+/-0.000	χ^2/NDF : 1136997499681278393426195734690374090752.0/11
Right Out: -2904.095+/-0.000	χ^2/NDF : 863466592603439885705858083509569060864.0/17
Left In: -7258.241+/-0.000	χ^2/NDF : 401725539598456185043422844347240939520.0/10

+ sign -5287.402+/-0.000 χ^2/NDF : 9190770681554
 All: -5328.844+/-0.000 χ^2/NDF : 1813565160
 - sign -5369.155+/-0.000 χ^2/NDF : 8939449942209

dit_atr2_coil3_err_mean vs Slug



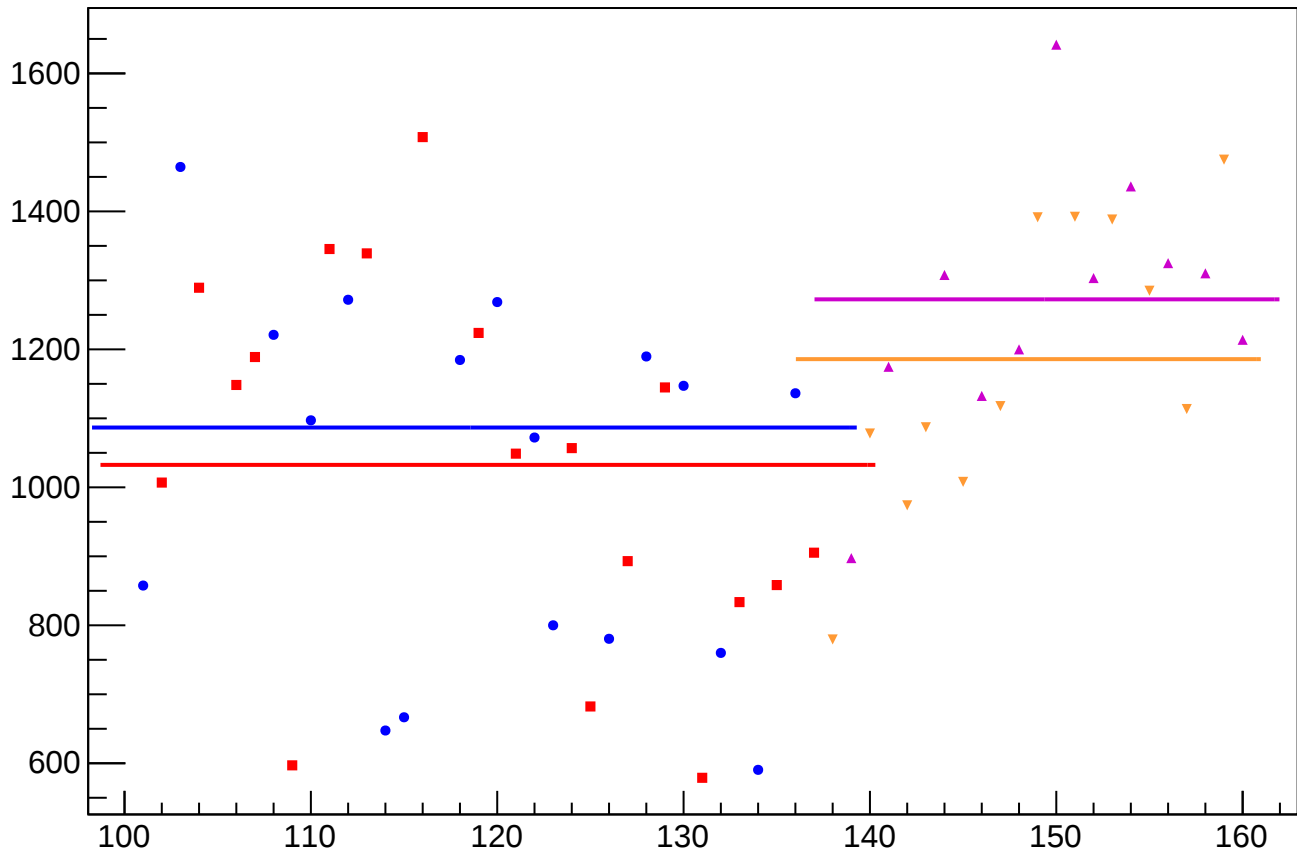
Right In: 977.095+/-0.000 χ^2/NDF : 229572106069348964280530708212477853696.0/16

Left Out: 655.166+/-0.000 χ^2/NDF : 51874874251518032023744139034586251264.0/11

Right Out: 1506.543+/-0.000 χ^2/NDF : 3621204096431683433019783695973291655168.0/17

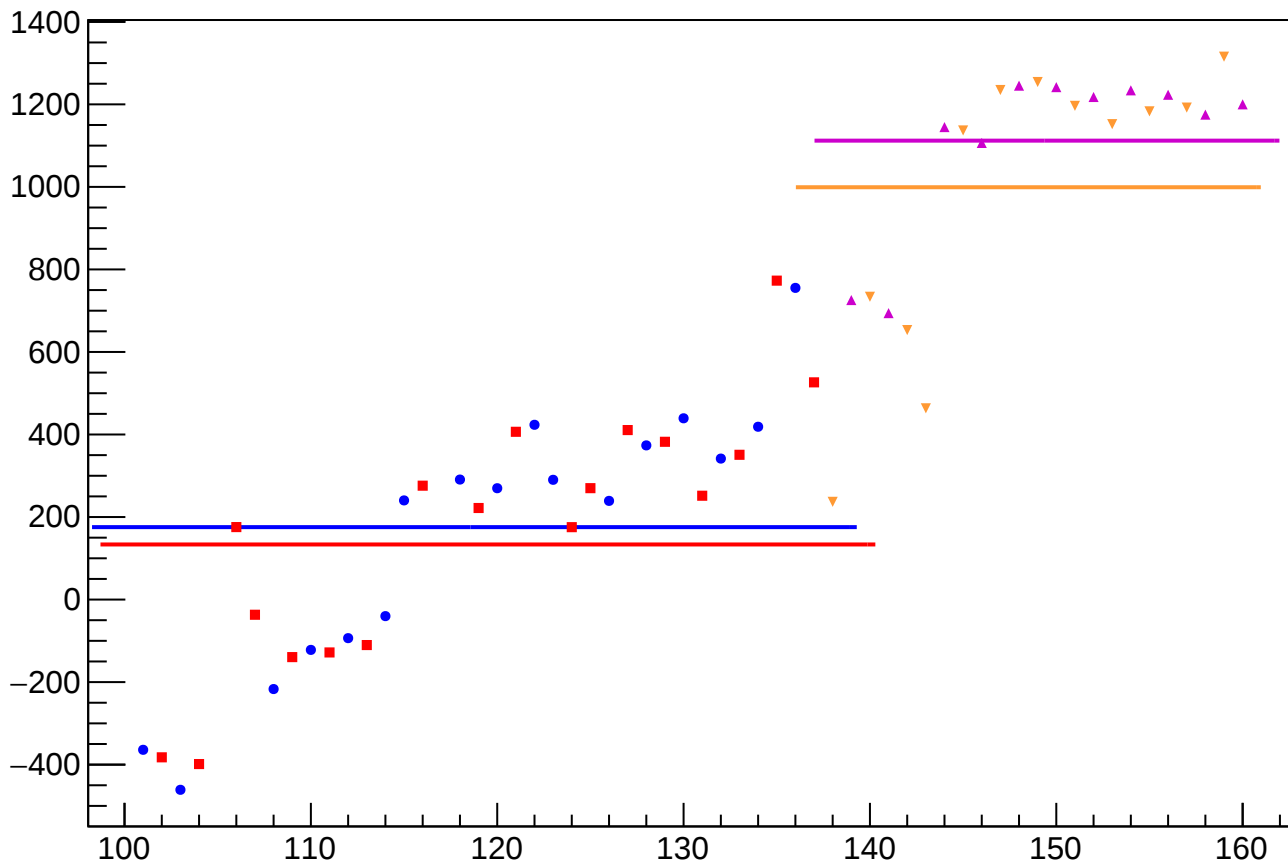
Left In: 651.533+/-0.000 χ^2/NDF : 14771751730893507411820547842989096960.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10
 + sign 1142.906+/-0.000 χ^2/NDF : 76037619994785
 All: 1155.825+/-0.000 χ^2/NDF : 17736486682
 - sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam1_coil3_mean vs Slug



Right In: 175.537+/-0.000 χ^2/NDF : 95726276788203913105887314540463390720.0/16

Left Out: 999.146+/-0.000 χ^2/NDF : 105564366035075461974618801527085596672.0/11

Right Out: 133.524+/-0.000 χ^2/NDF : 76029583873433989388564211432616361984.0/17

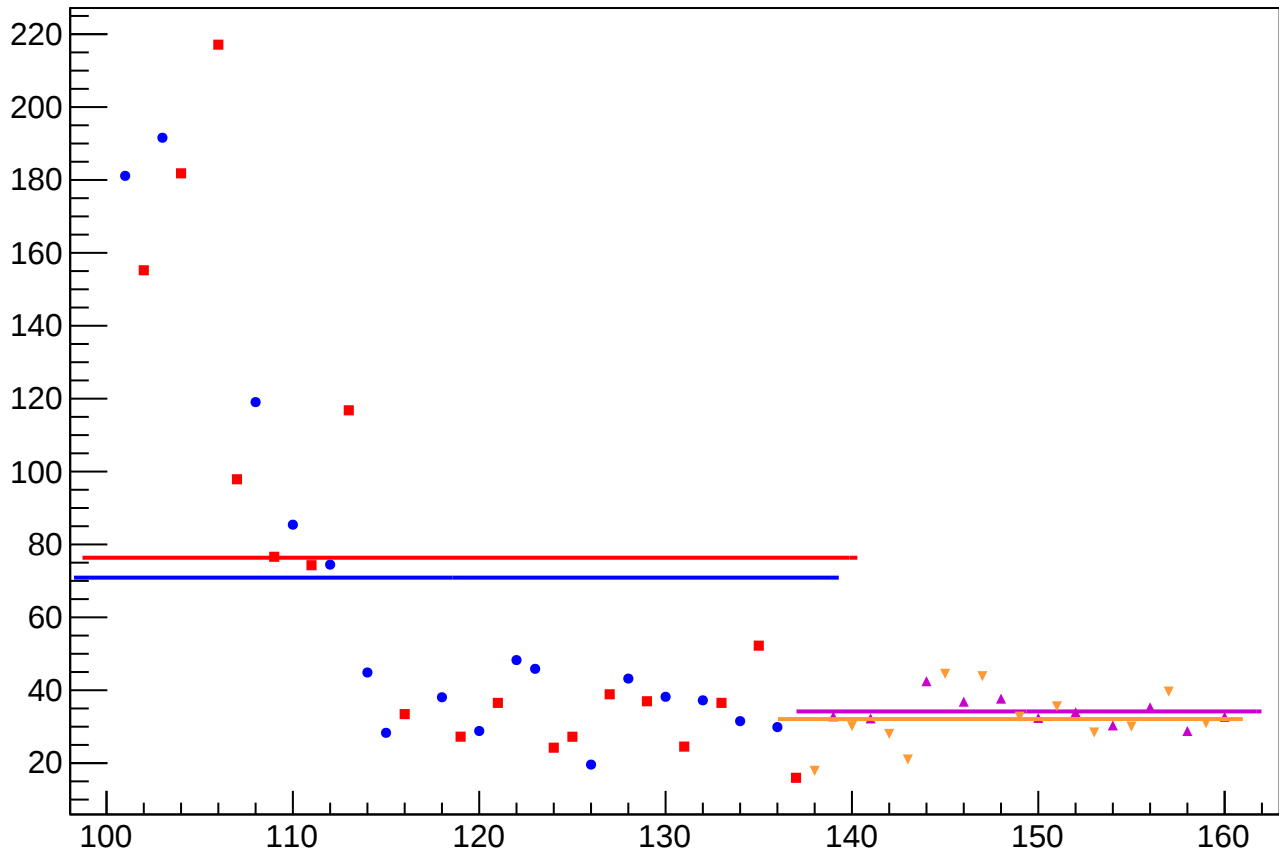
Left In: 1112.074+/-0.000 χ^2/NDF : 34304488318555265110633397434623983616.0/10

+ sign 642.574+/-0.000 χ^2/NDF : 468241907498970

All: 665.359+/-0.000 χ^2/NDF : 967829469596

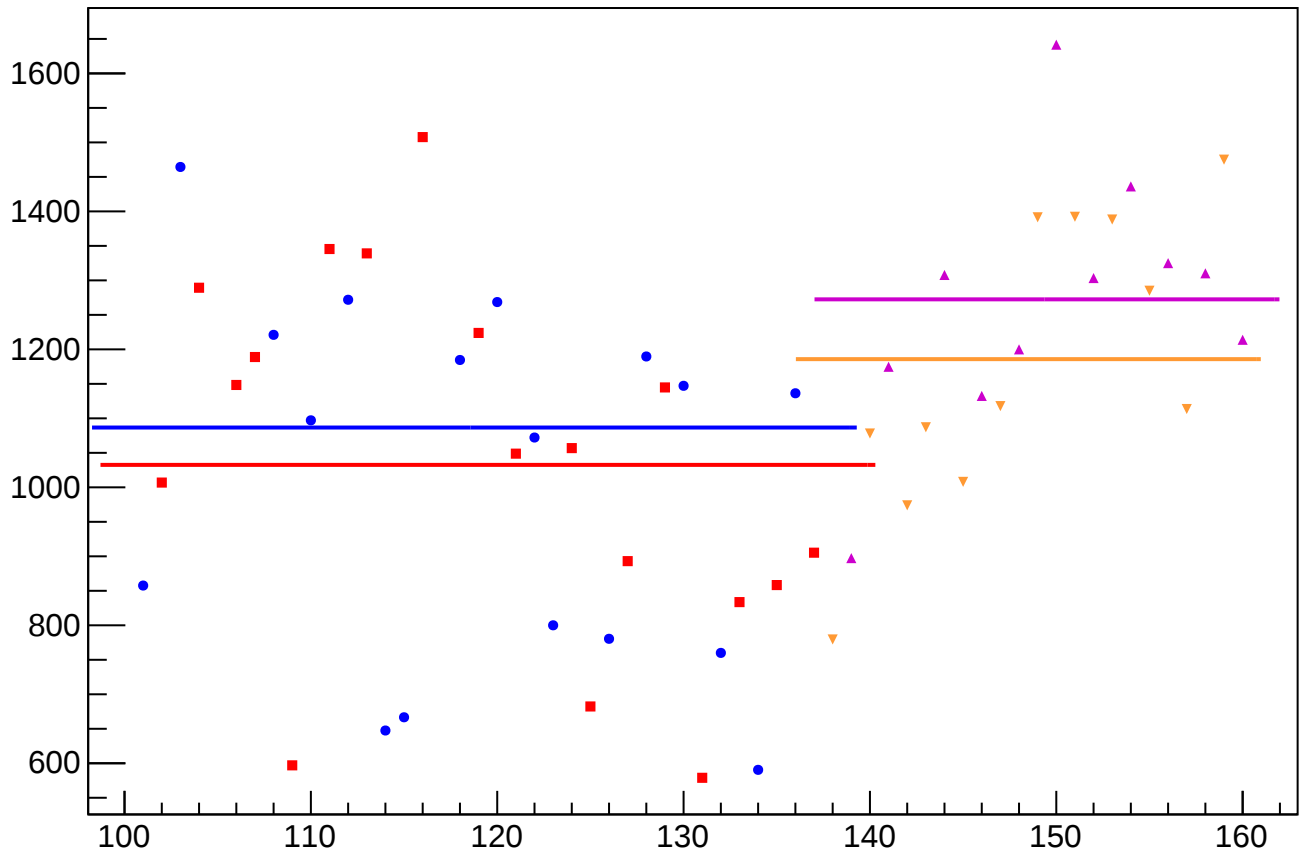
- sign 687.521+/-0.000 χ^2/NDF : 497945950535614

dit_sam1_coil3_err_mean vs Slug



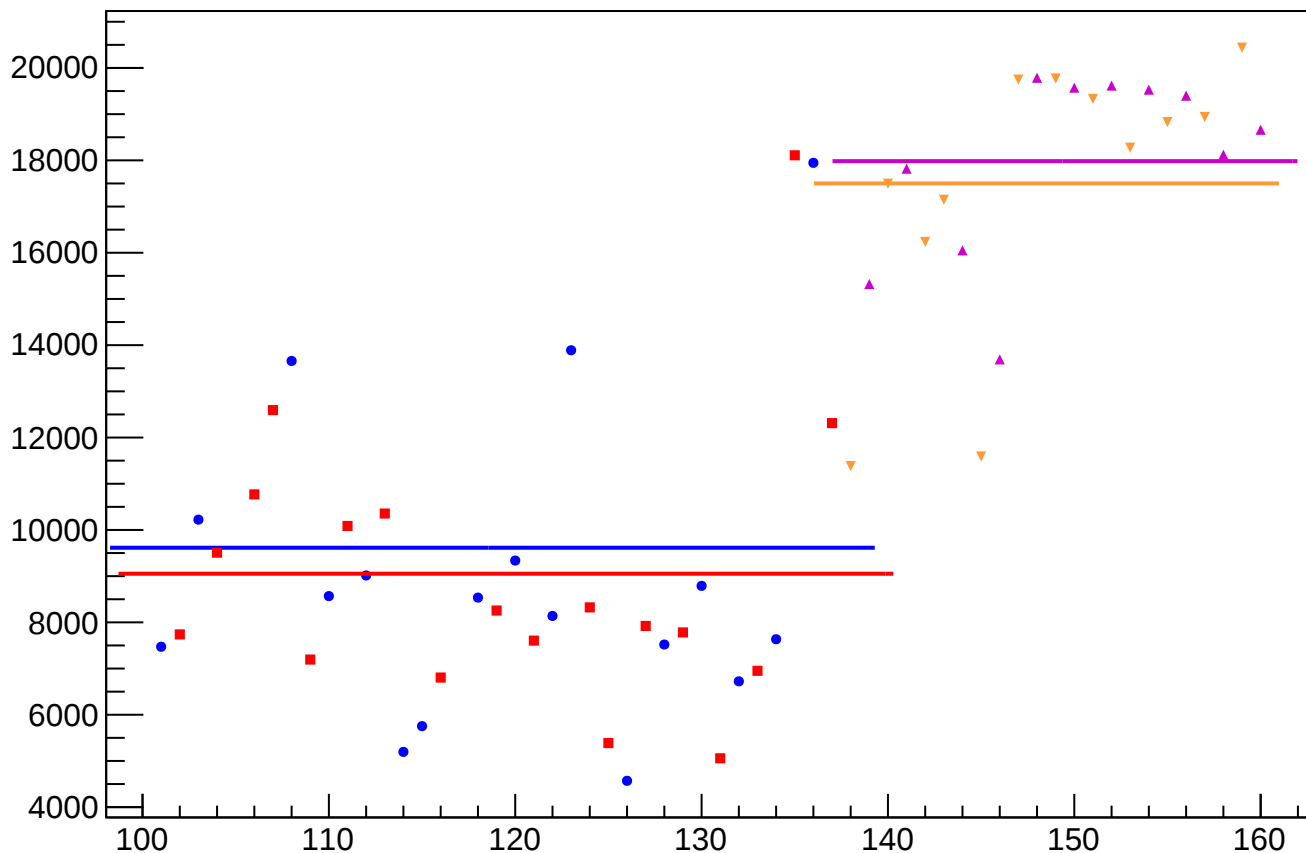
Right In: 70.892+/-0.000 χ^2/NDF : 2275734493854200628376973265629872128.0/16
 Left Out: 32.091+/-0.000 χ^2/NDF : 54625109486428917738965927425212416.0/11
 Right Out: 76.360+/-0.000 χ^2/NDF : 2382375226603203691068269213188620288.0/17
 Left In: 34.184+/-0.000 χ^2/NDF : 12426918146189706802189676664848384.0/10

dit_sam1_coil3_Ndata_mean vs Slug



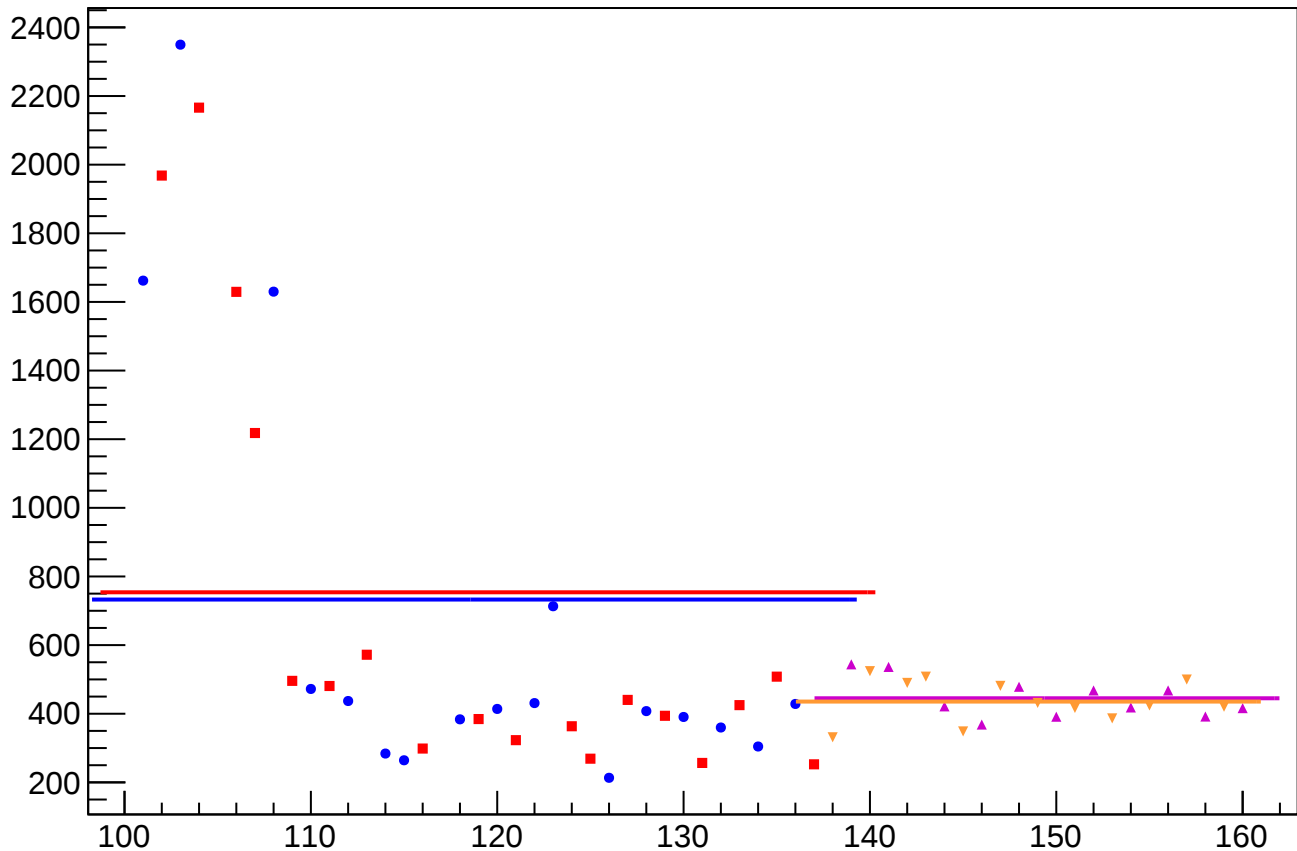
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10
 All: 1155.825+/-0.000 χ^2/NDF : 17736486682
 + sign 1142.906+/-0.000 χ^2/NDF : 76037619994785
 - sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam2_coil3_mean vs Slug



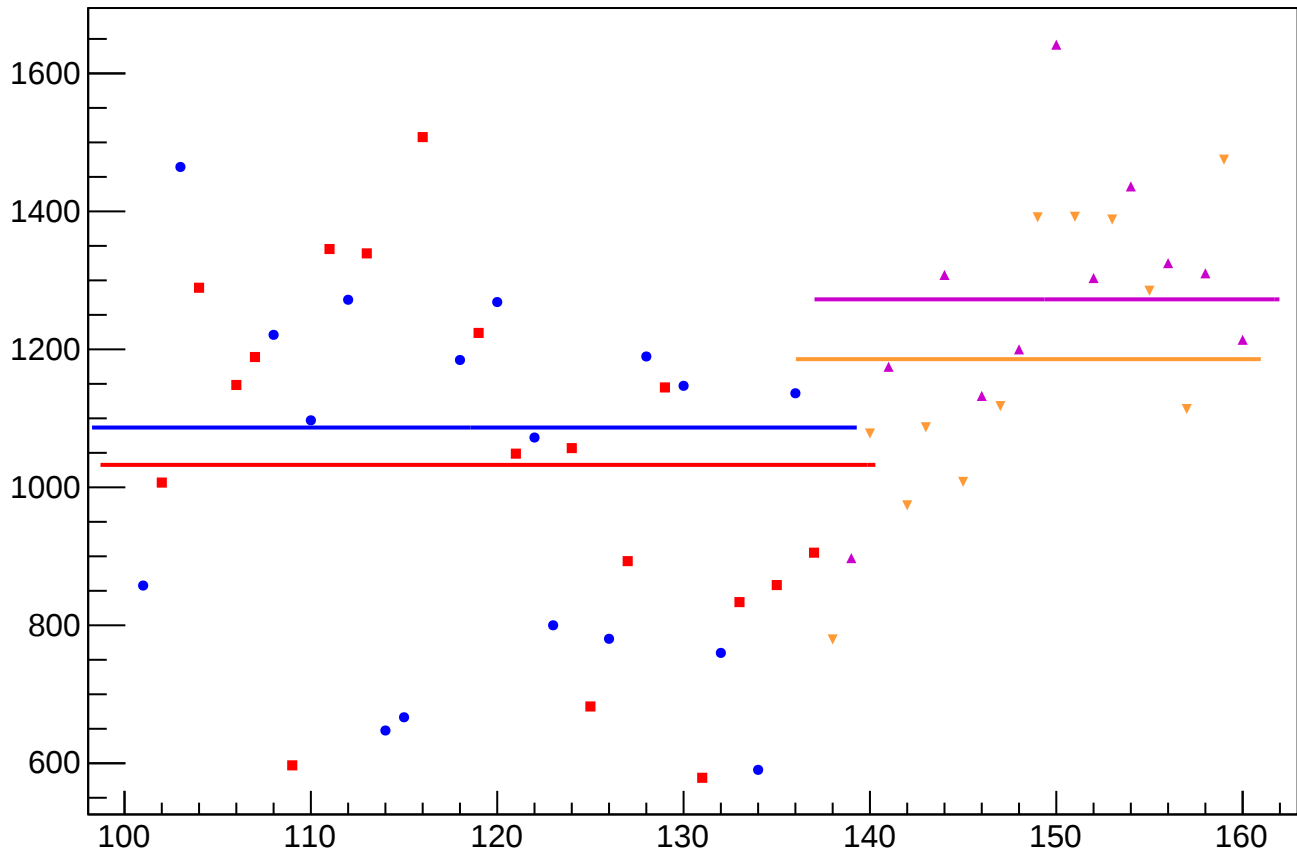
Right In: 9614.932+/-0.000 χ^2/NDF : 9450588438014082769578324832201526476800.0/16
 Left Out: 17500.786+/-0.000 χ^2/NDF : 7846813012026023217295297642858706632704.0/11
 Right Out: 9052.441+/-0.000 χ^2/NDF : 6723672544856808135538254172135519944704.0/17
 Left In: 17983.189+/-0.000 χ^2/NDF : 3584595715288567917039077291852254150656.0/10

dit_sam2_coil3_err_mean vs Slug



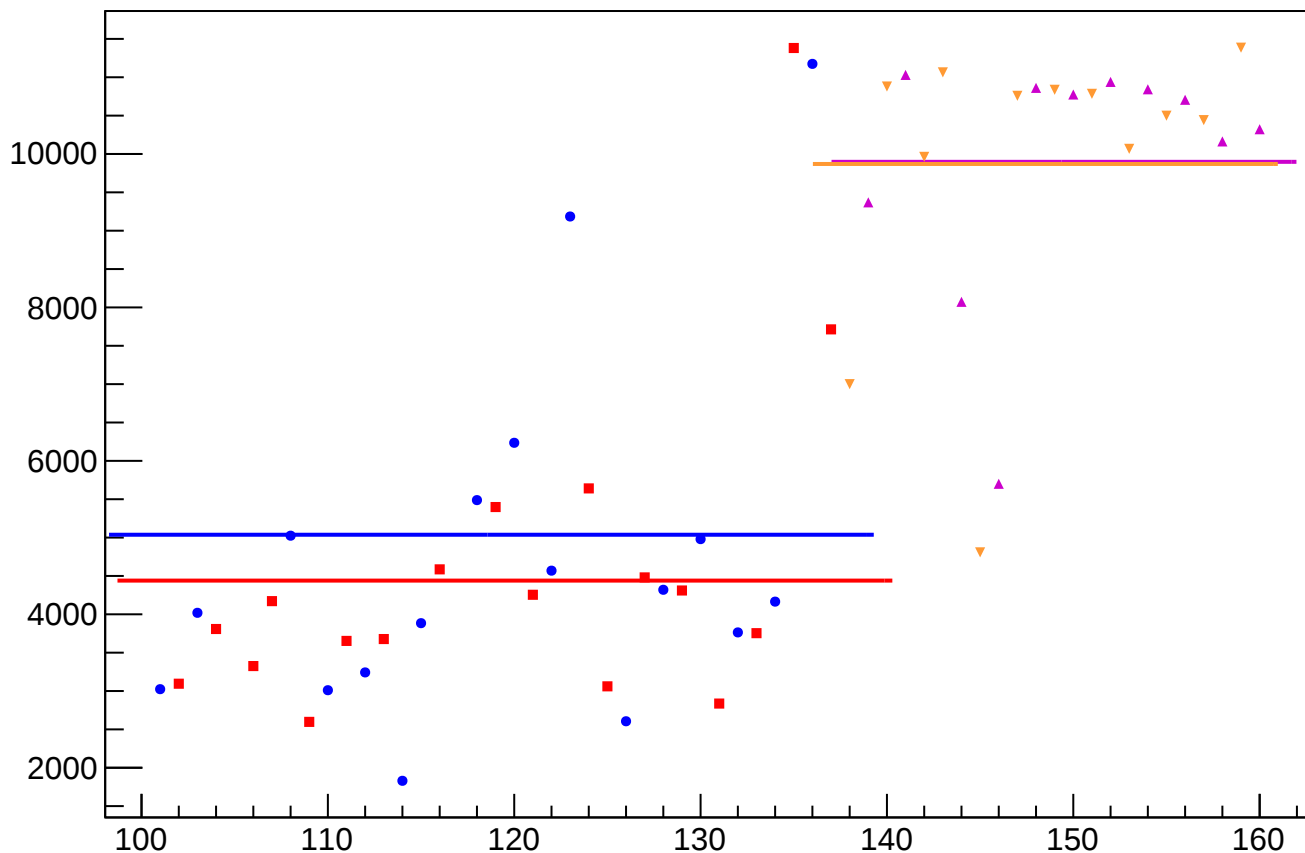
Right In: 732.742 $\pm$ 0.000 χ^2 /NDF: 301740459340268060292037793871684435968.0/16
 Left Out: 435.461 $\pm$ 0.000 χ^2 /NDF: 3296772866704872156721083756341886976.0/11
 Right Out: 753.888 $\pm$ 0.000 χ^2 /NDF: 288199108578840040054796930815893700608.0/17
 Left In: 445.056 $\pm$ 0.000 χ^2 /NDF: 2842998762330216596366474874240106496.0/10

dit_sam2_coil3_Ndata_mean vs Slug



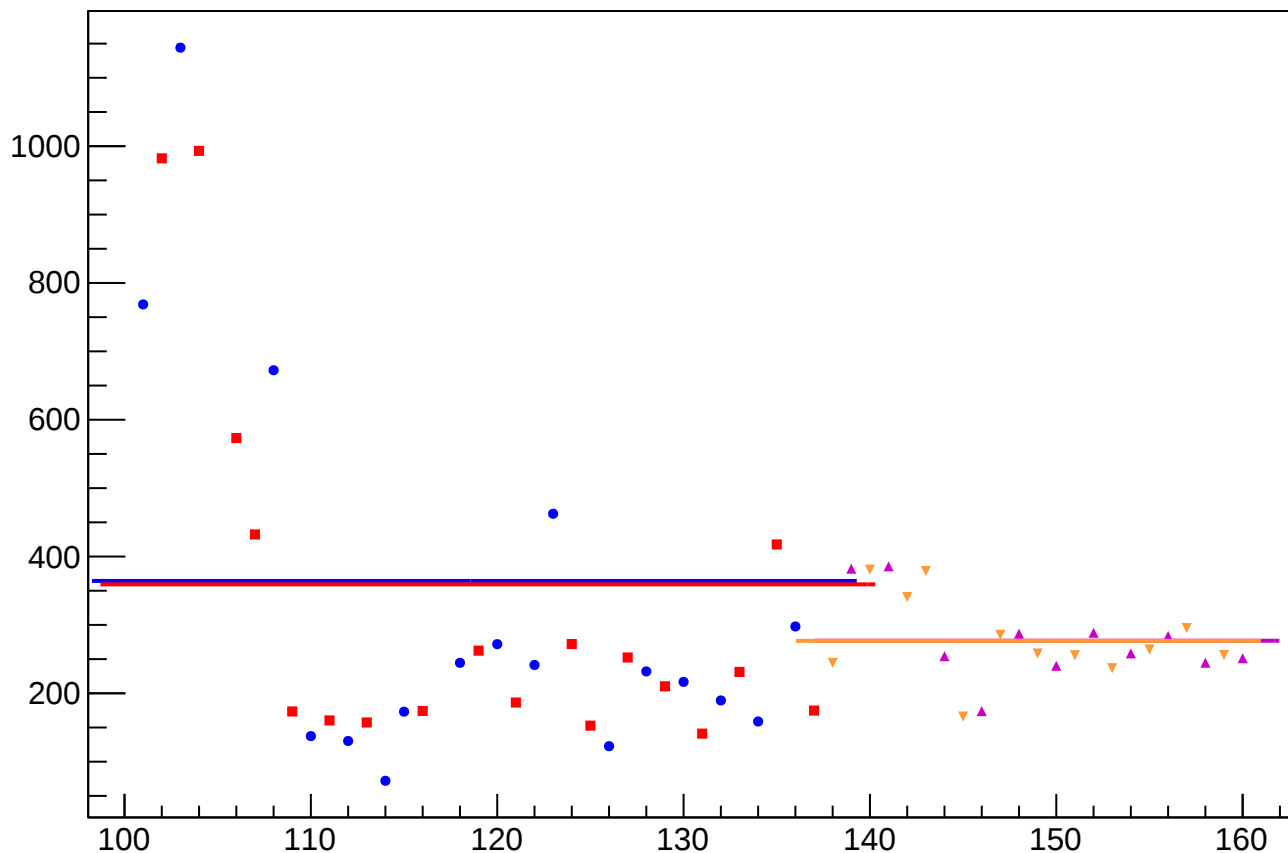
Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10
 All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682
 + sign 1142.906 $\pm$ 0.000 χ^2 /NDF: 76037619994785
 - sign 1168.390 $\pm$ 0.000 χ^2 /NDF: 10079953084874

dit_sam3_coil3_mean vs Slug



Right In: 5037.073+/-0.000 χ^2/NDF : 4548828903802726251449084375770641465344.0/16
 Left Out: 9869.728+/-0.000 χ^2/NDF : 3268331225481673138710181152096956448768.0/11
 Right Out: 4439.378+/-0.000 χ^2/NDF : 3162947435976288372848793793706623762432.0/17
 Left In: 9897.674+/-0.000 χ^2/NDF : 2284840032345360361829819012042190749696.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 364.277+/-0.000 χ^2/NDF : 63824164232416453329464402315619336192.0/16

Left Out: 276.695+/-0.000 χ^2/NDF : 3092021868462031371777841065866821632.0/11

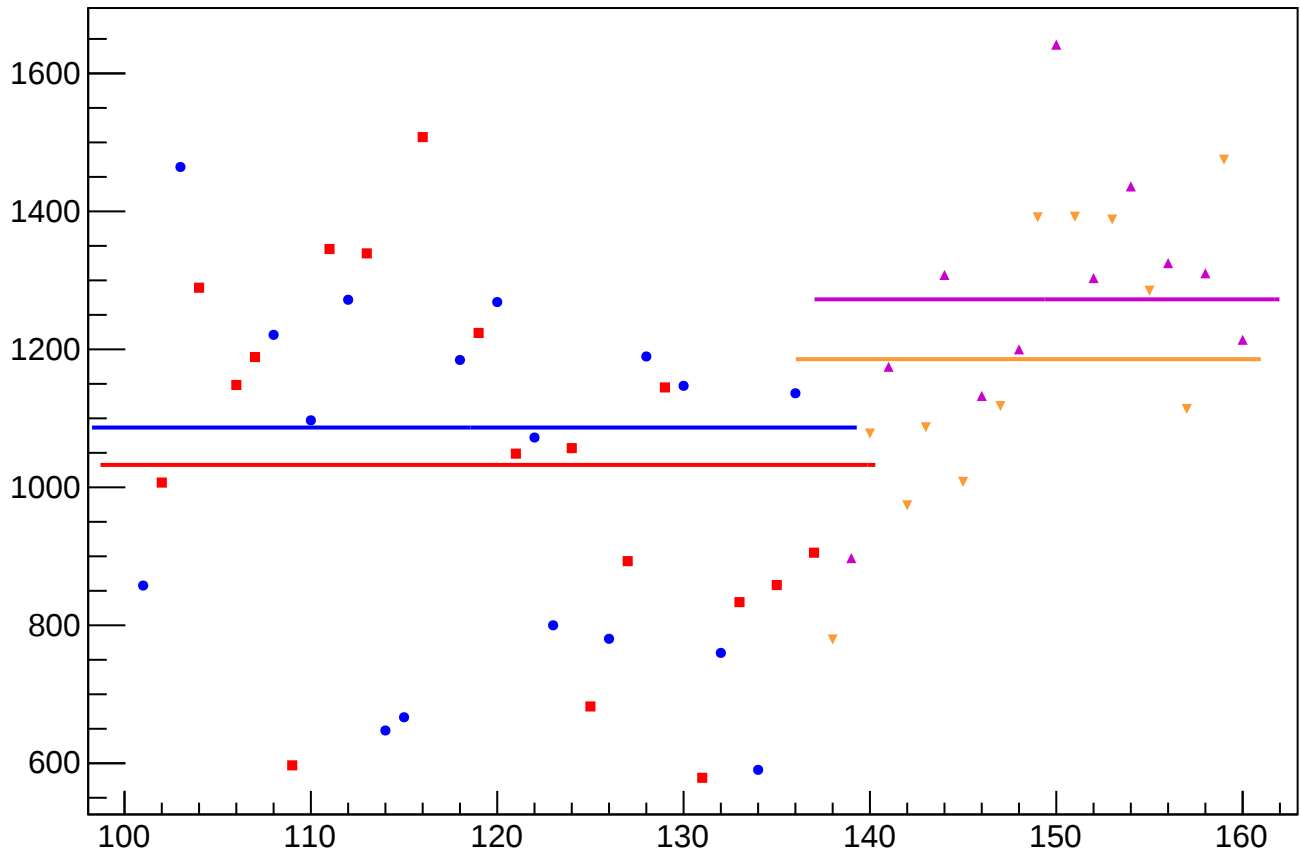
Right Out: 359.283+/-0.000 χ^2/NDF : 58838911094170702852650084457083043840.0/17

Left In: 276.882+/-0.000 χ^2/NDF : 3143786563000529318336573721943212032.0/10

All: 313.609+/-0.000 χ^2/NDF : 134669249845

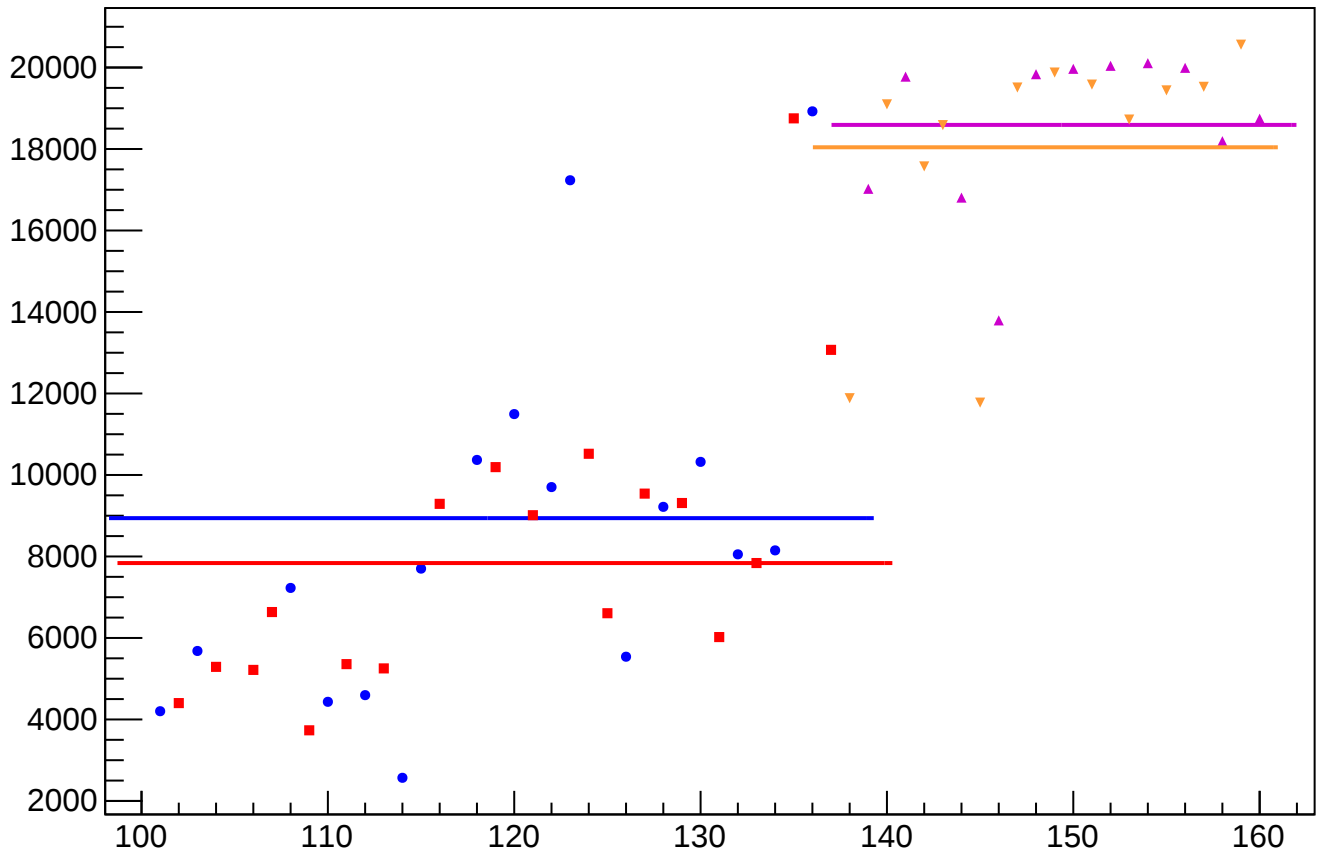
- sign 312.632+/-0.000 χ^2/NDF : 647311632661651

dit_sam3_coil3_Ndata_mean vs Slug



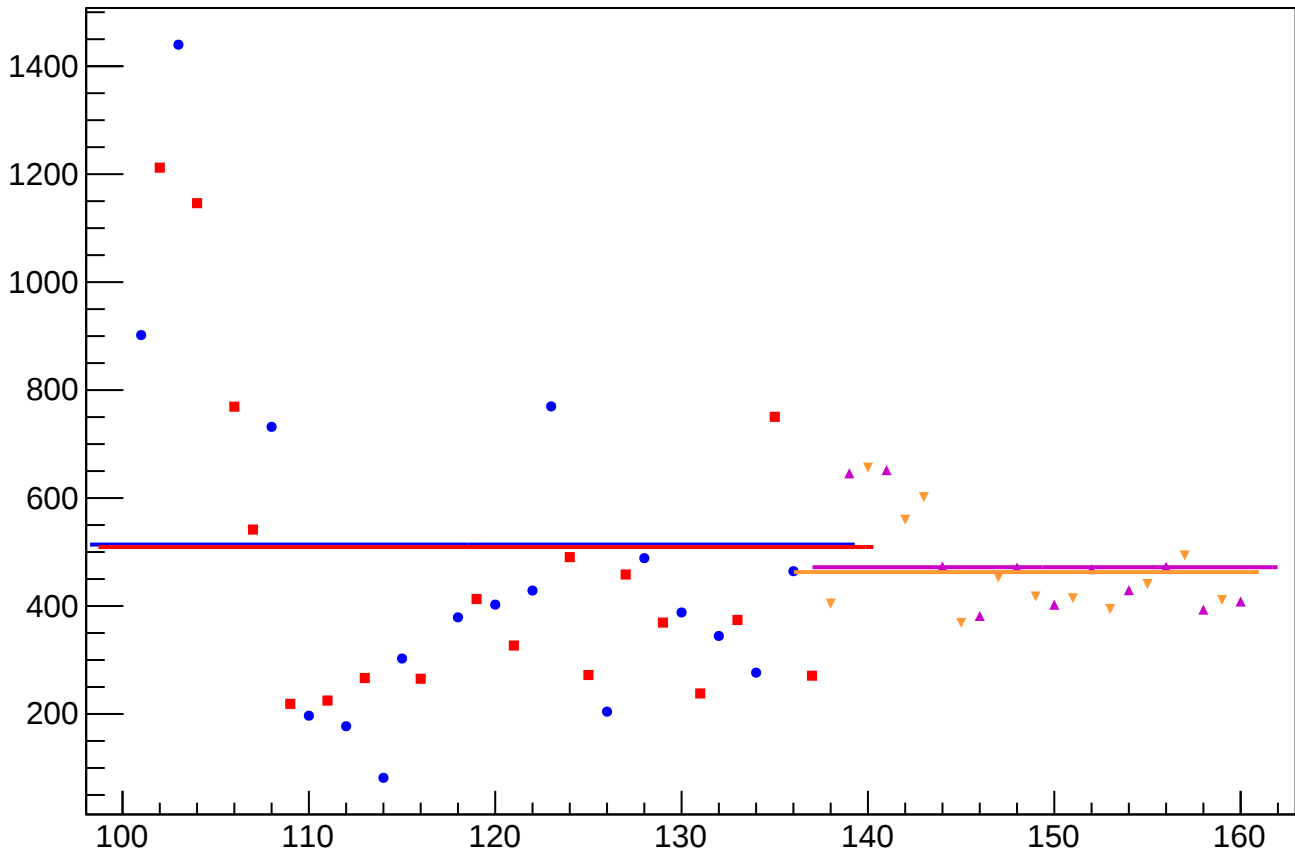
Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10
 All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682
 + sign 1142.906 $\pm$ 0.000 χ^2 /NDF: 76037619994785
 - sign 1168.390 $\pm$ 0.000 χ^2 /NDF: 10079953084874

dit_sam4_coil3_mean vs Slug



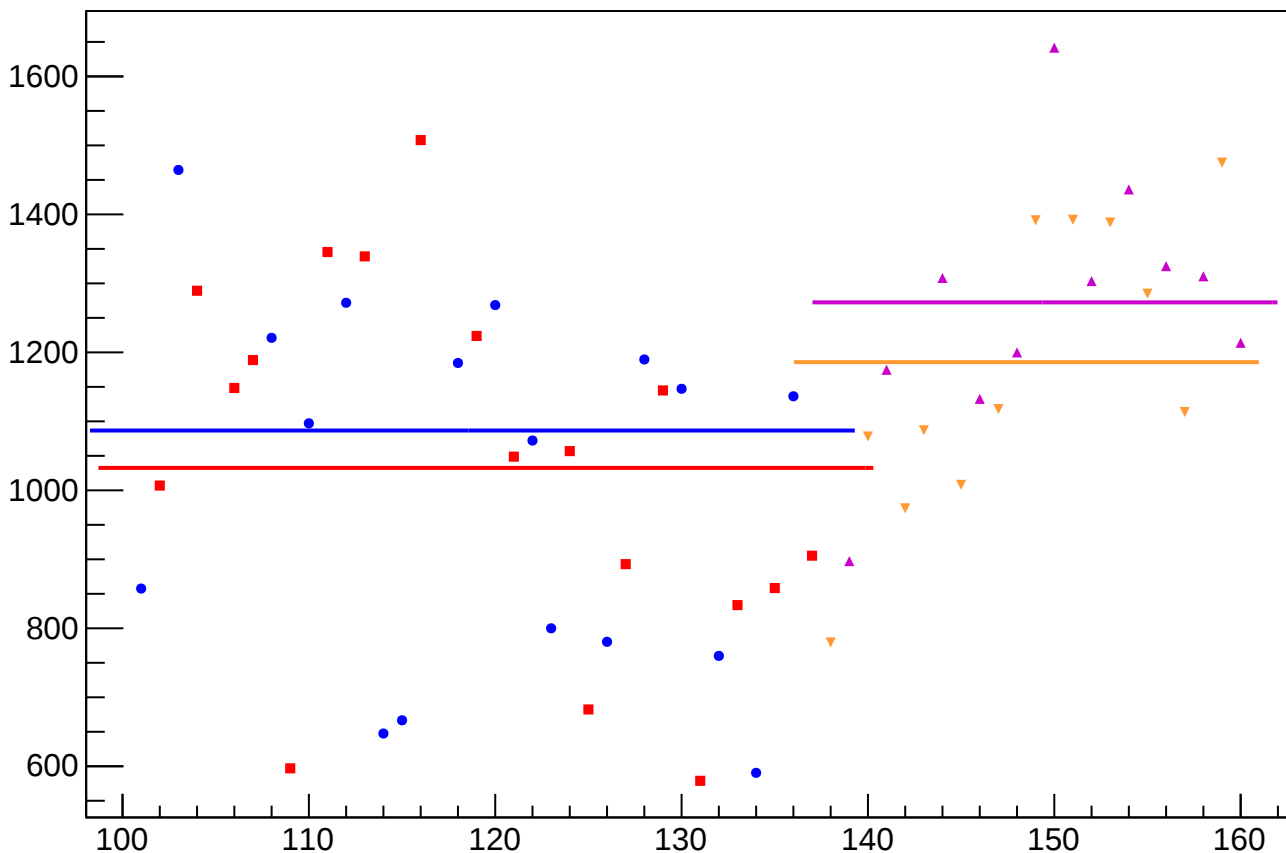
Right In: 8940.709+/-0.000 χ^2/NDF : 14252298982323079680975069701388839682048.0/16
 Left Out: 18042.230+/-0.000 χ^2/NDF : 7640646522897487857135230772113708154880.0/11
 Right Out: 7838.226+/-0.000 χ^2/NDF : 9846913896882704140251290027429415878656.0/17
 Left In: 18591.547+/-0.000 χ^2/NDF : 3373827841621741048896229754913272365056.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 513.843+/-0.000	χ^2/NDF : 82523650579604289792107532326249955328.0/16	+ sign 484.924+/-0.000	χ^2/NDF : 903778441128844
Left Out: 462.844+/-0.000	χ^2/NDF : 6830648525623684817395137022896635904.0/11	All: 486.558+/-0.000	χ^2/NDF : 17394597549
Right Out: 509.362+/-0.000	χ^2/NDF : 75678926781858707627162203023281750016.0/17	- sign 488.147+/-0.000	χ^2/NDF : 835596883416508
Left In: 471.889+/-0.000	χ^2/NDF : 7312350507184124665031072386098659328.0/10		

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16

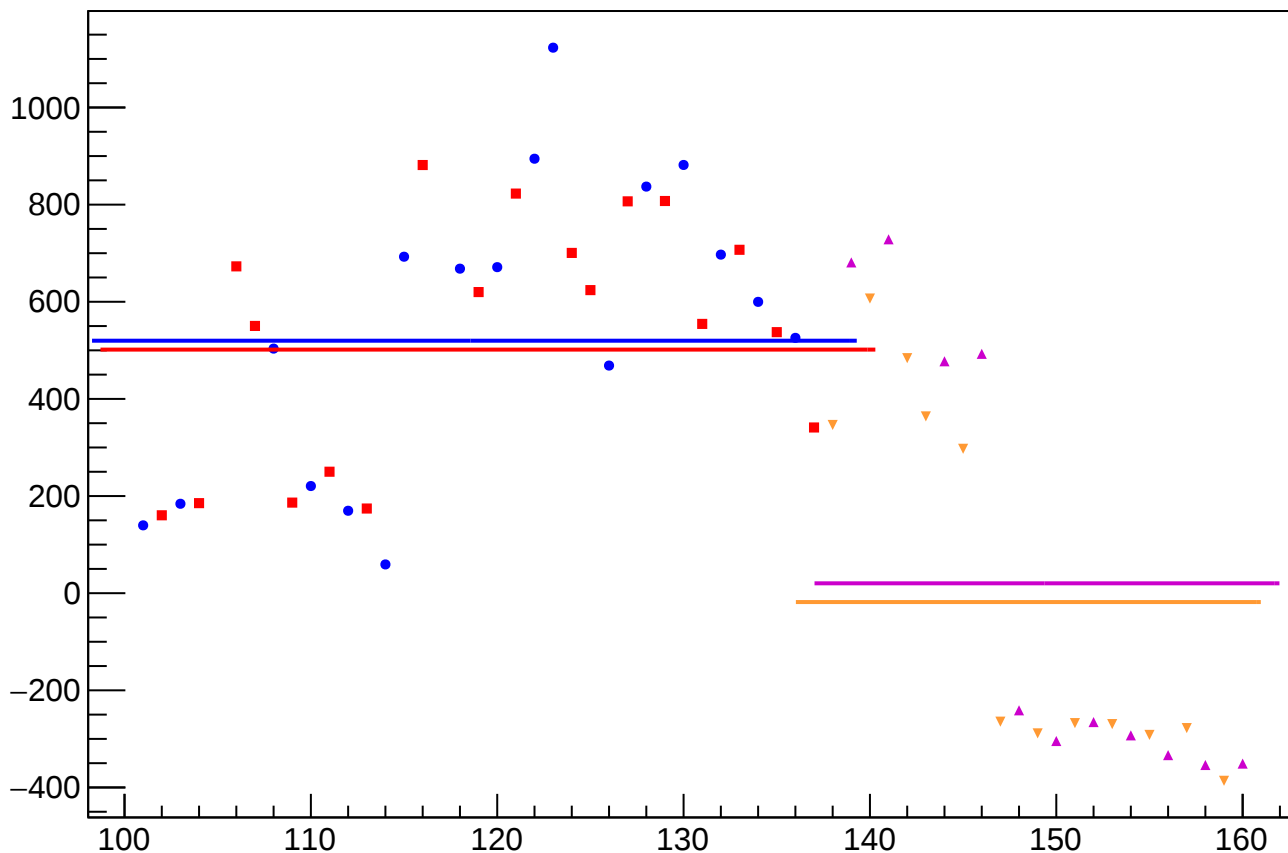
Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11

Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17

Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682

dit_sam5_coil3_mean vs Slug



Right In: 519.845+/-0.000 χ^2/NDF : 50391712122122241983004017290687545344.0/16

+ sign 214.715+/-0.000 χ^2/NDF : 278712564493039

Left Out: -18.246+/-0.000 χ^2/NDF : 114374265303636923998653923051335319552.0/11

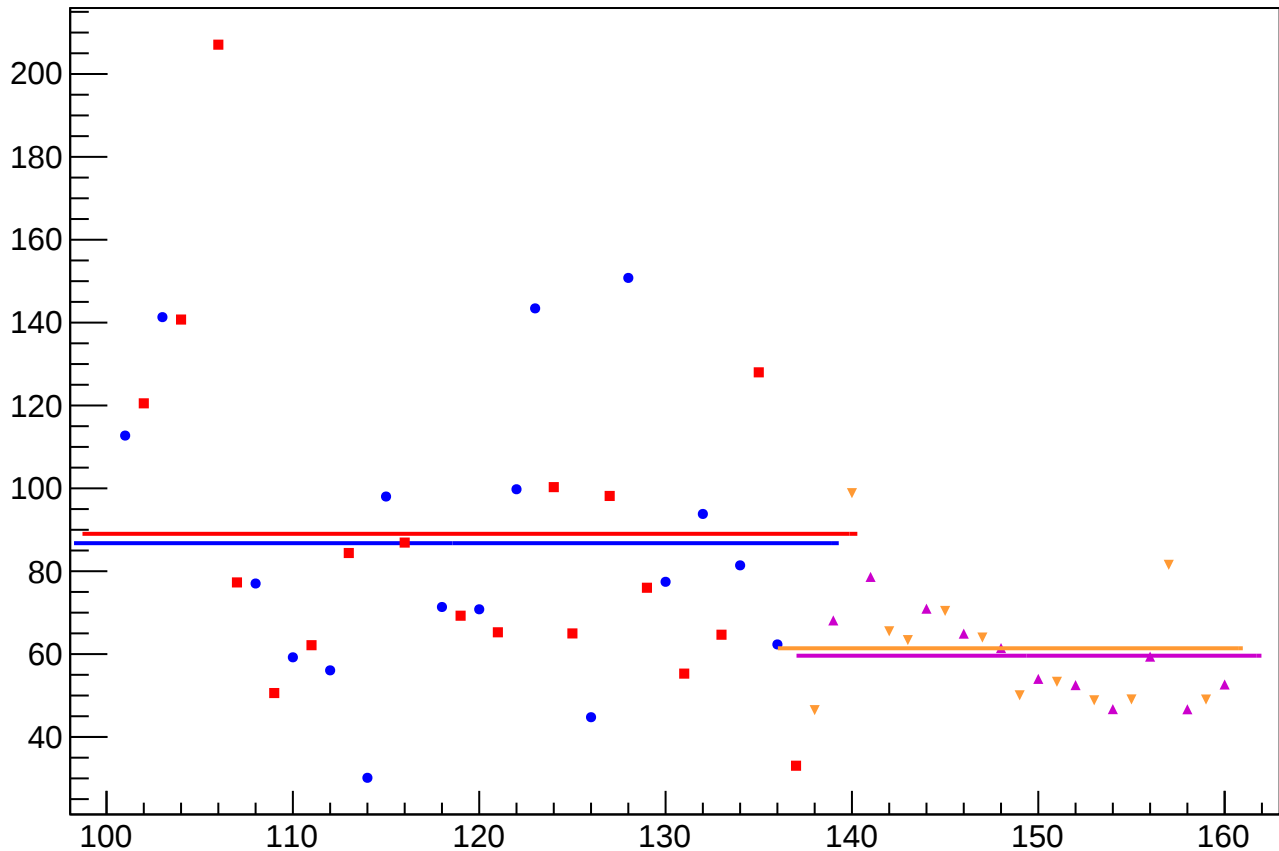
All: 222.007+/-0.000 χ^2/NDF : 597278728263

Right Out: 501.527+/-0.000 χ^2/NDF : 45593938816418547057443342639695921152.0/17

- sign 229.100+/-0.000 χ^2/NDF : 318398000001888

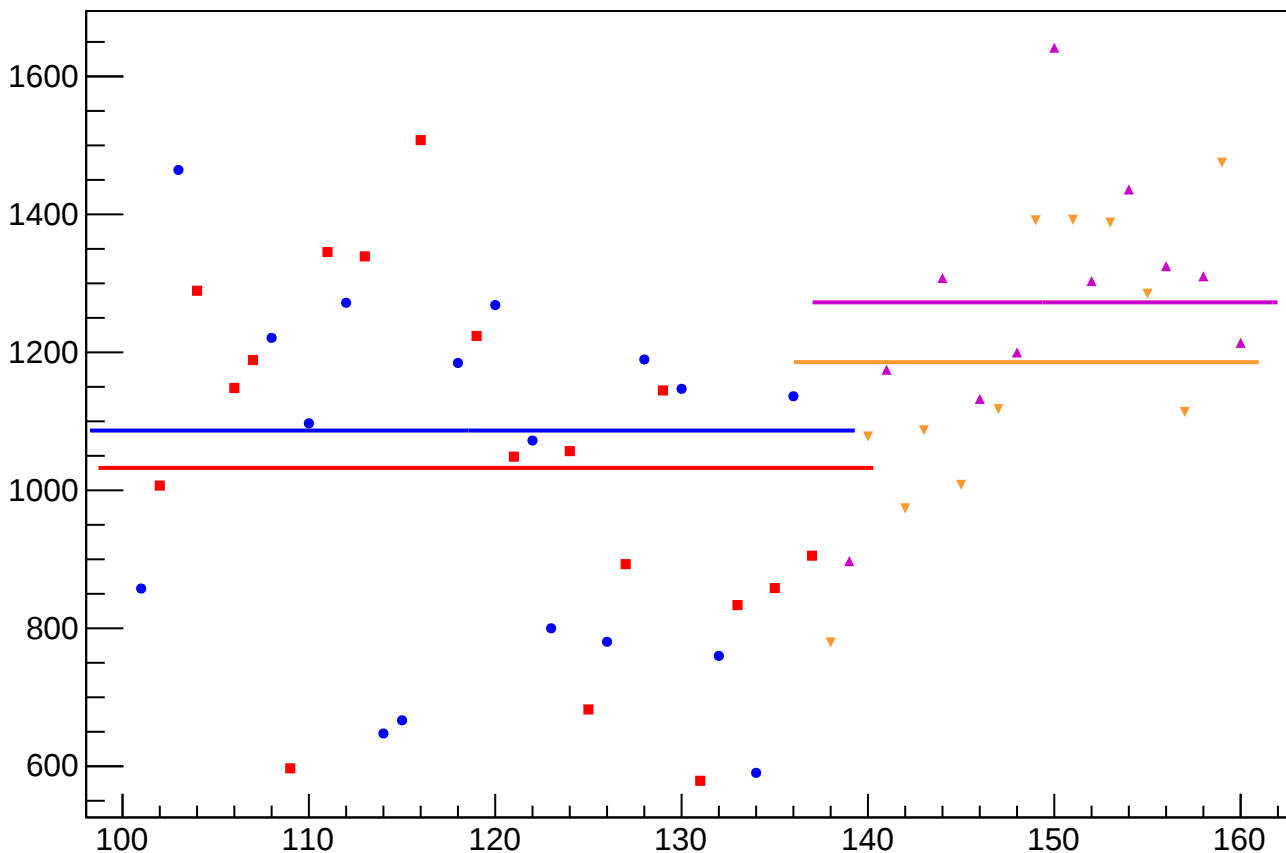
Left In: 20.328+/-0.000 χ^2/NDF : 179073709967558112986870071766256975872.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 86.768+/-0.000	χ^2/NDF : 727044528904958232730586242846031872.0/16	+ sign 72.384+/-0.000	χ^2/NDF : 1204145407859687
Left Out: 61.403+/-0.000	χ^2/NDF : 223902255538930337202441578161897472.0/11	All: 72.379+/-0.000	χ^2/NDF : 2659416943751
Right Out: 89.028+/-0.000	χ^2/NDF : 1014702057025769592460755223634247680.0/17	- sign 72.374+/-0.000	χ^2/NDF : 1455271447529364
Left In: 59.611+/-0.000	χ^2/NDF : 90277020610973878591704182850322432.0/10		

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

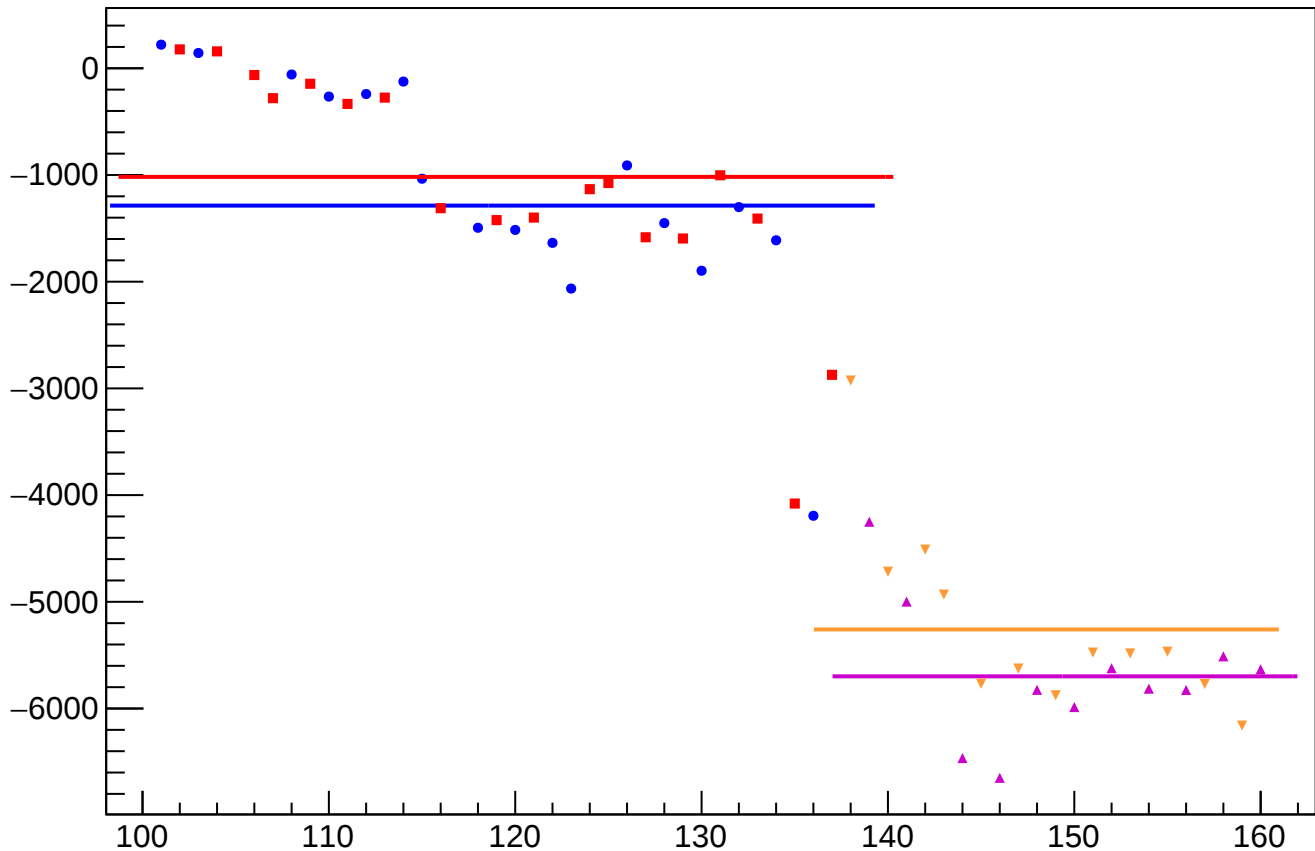
Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

dit_sam6_coil3_mean vs Slug



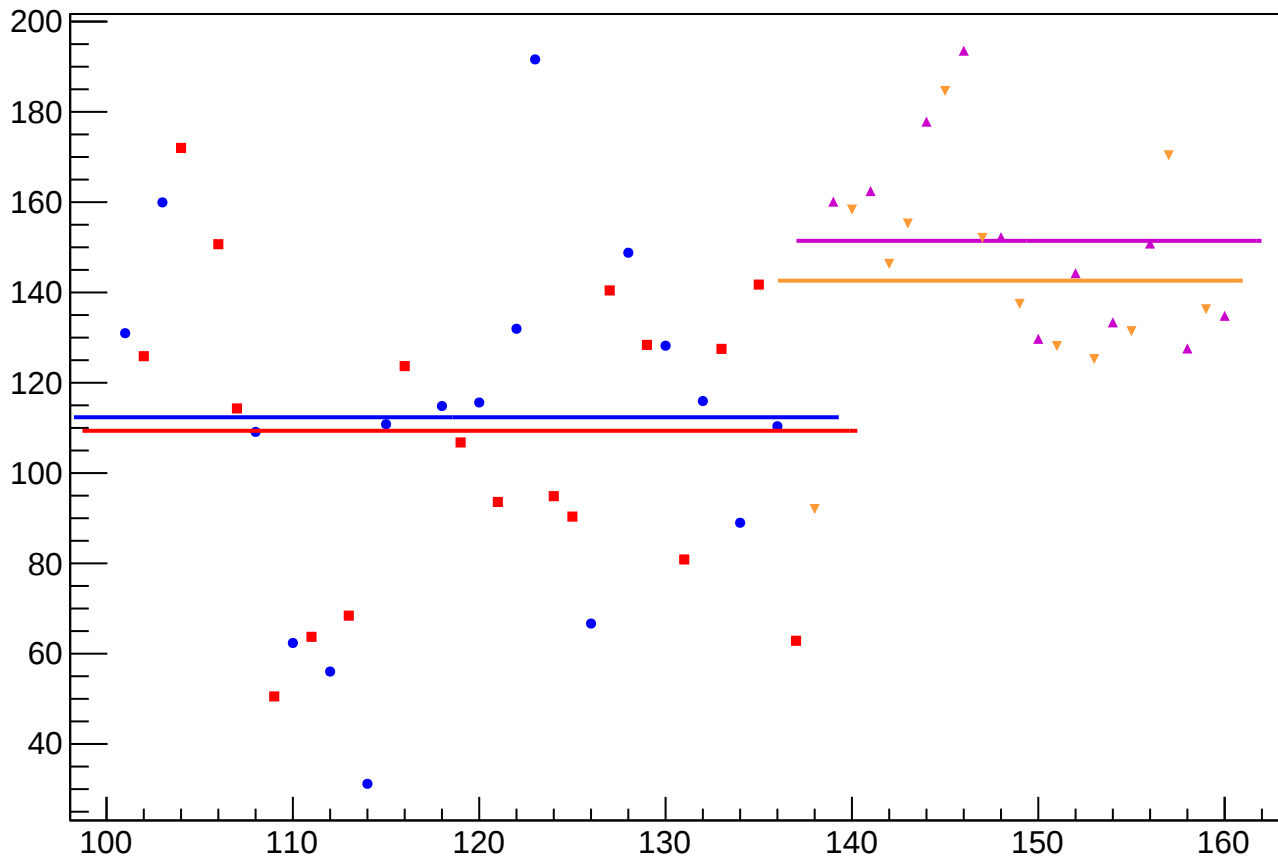
Right In: -1287.018+/-0.000	χ^2/NDF : 1204676715439313496734702006985495150592.0/16
Left Out: -5258.932+/-0.000	χ^2/NDF : 639767885689374953846002118656698351616.0/11
Right Out: -1017.680+/-0.000	χ^2/NDF : 852354346622995689266162288487263371264.0/17
Left In: -5698.540+/-0.000	χ^2/NDF : 354071828835191382316642971835621703680.0/10

+ sign -3539.339+/-0.000 χ^2/NDF : 8052986737379

All: -3604.411+/-0.000 χ^2/NDF : 1814194905

- sign -3667.706+/-0.000 χ^2/NDF : 10075572274658

dit_sam6_coil3_err_mean vs Slug



Right In: 112.364 $\pm$ 0.000 χ^2 /NDF: 704132882376699060399654305188020224.0/16

Left Out: 142.624 $\pm$ 0.000 χ^2 /NDF: 490075896728839516785223596523913216.0/11

Right Out: 109.364 $\pm$ 0.000 χ^2 /NDF: 838845293661778137888588246433136640.0/17

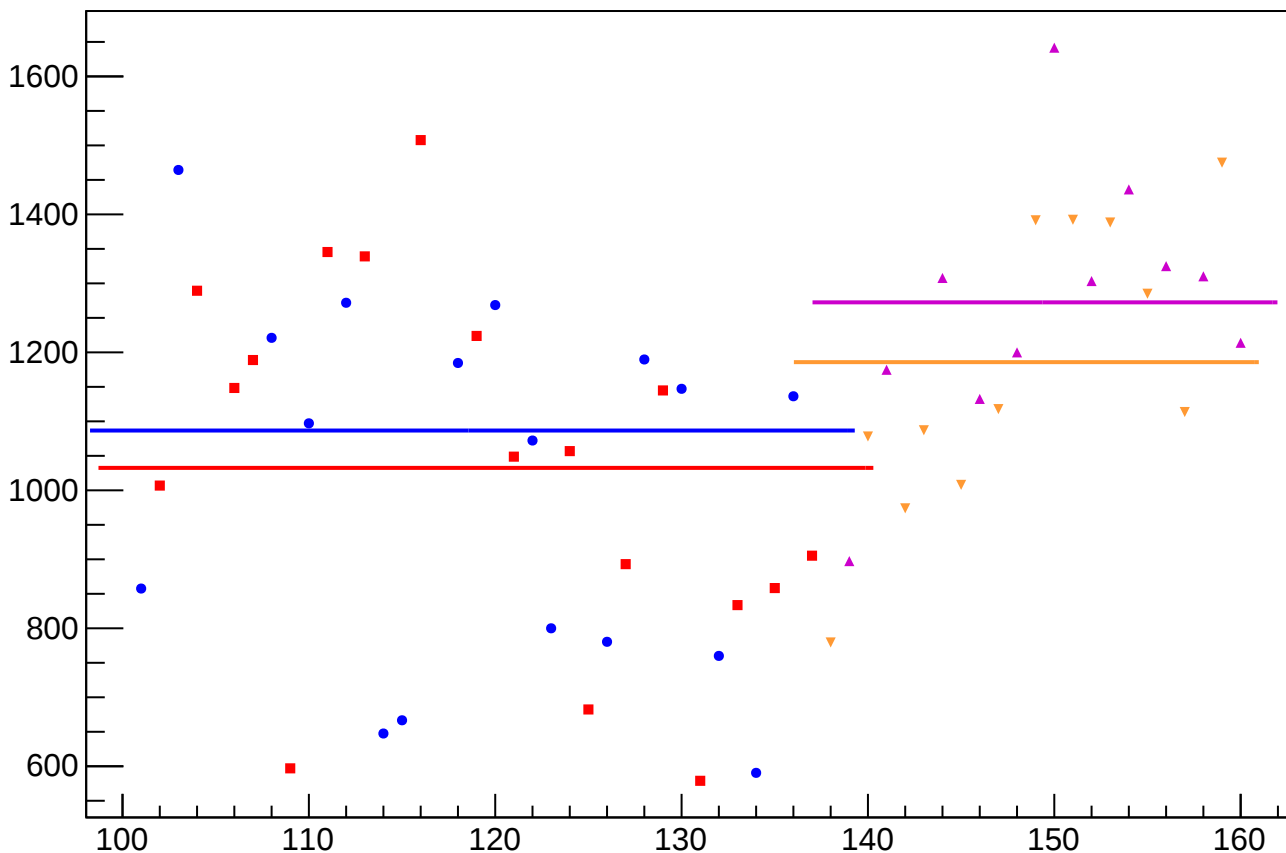
Left In: 151.432 $\pm$ 0.000 χ^2 /NDF: 371010449971260656611055665401561088.0/10

+ sign 129.523 $\pm$ 0.000 χ^2 /NDF: 155456813034748

All: 131.377 $\pm$ 0.000 χ^2 /NDF: 349166774283

- sign 133.180 $\pm$ 0.000 χ^2 /NDF: 192623154221425

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

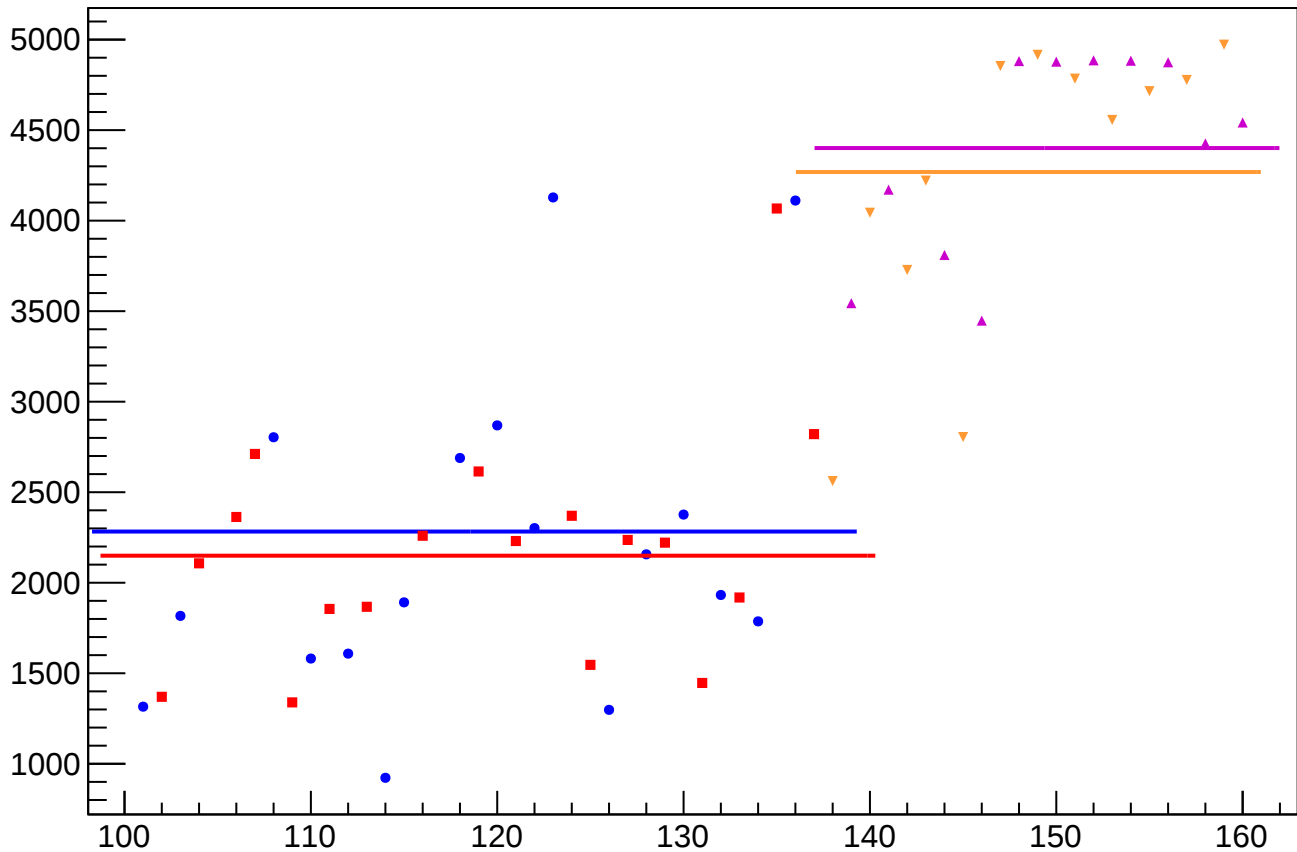
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

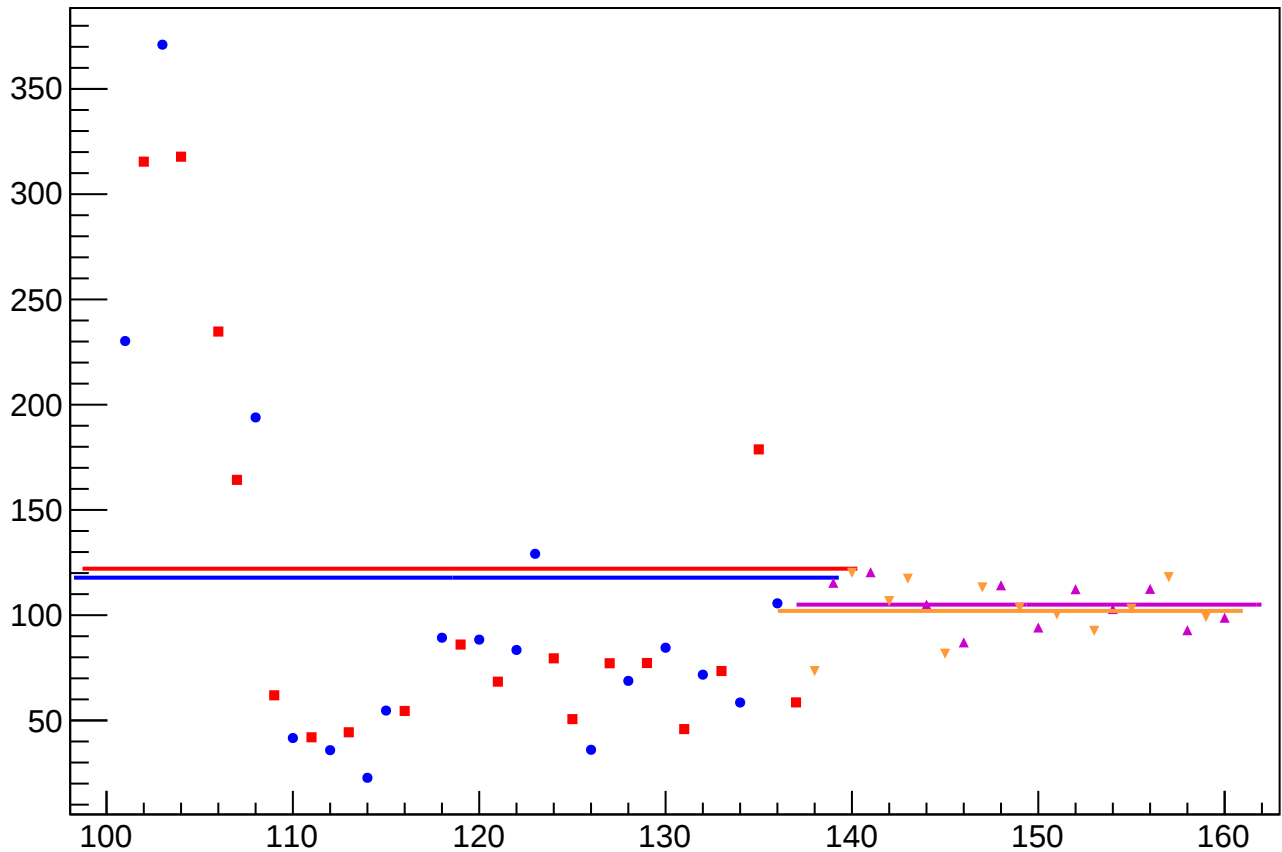
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam7_coil3_mean vs Slug



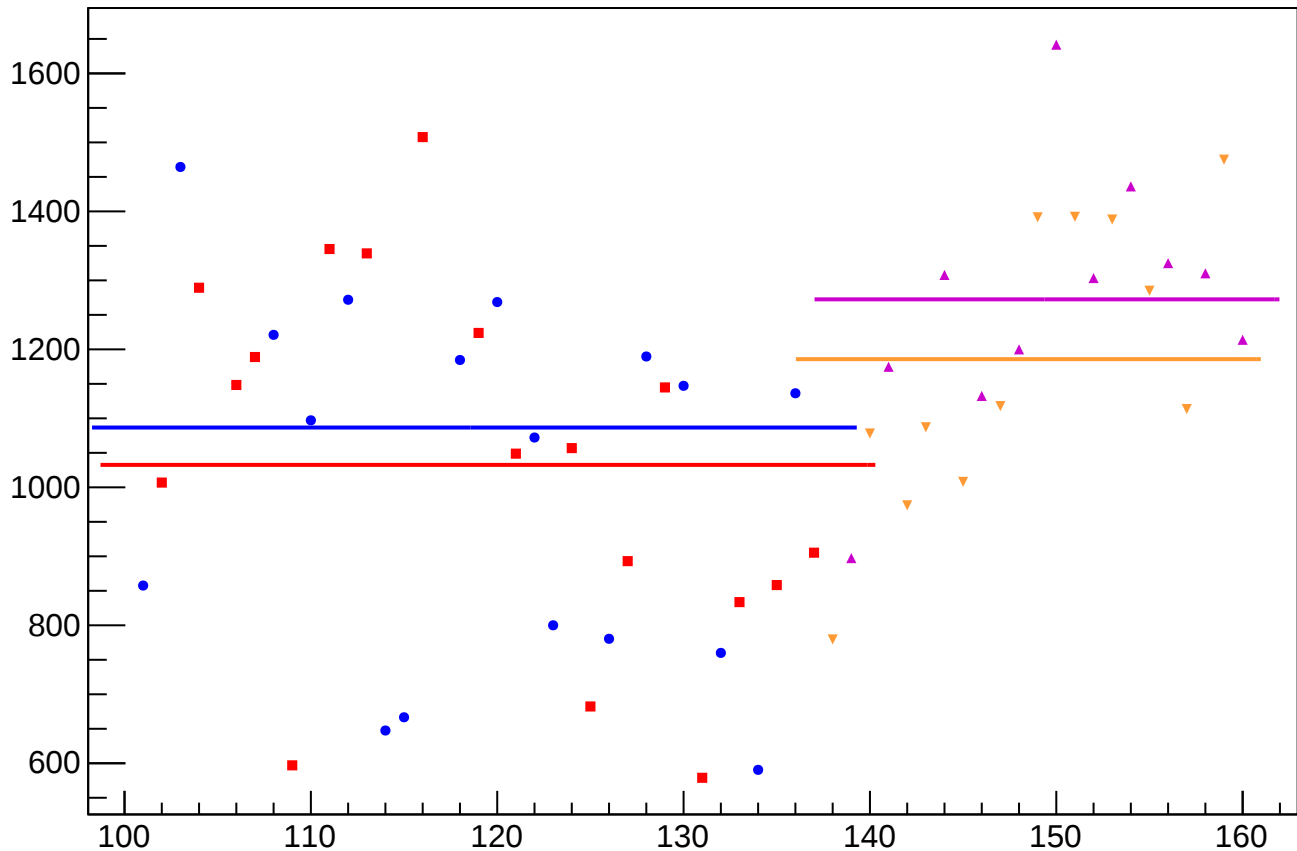
Right In: 2282.778+/-0.000	χ^2/NDF : 521869333583833068444115371437594771456.0/16	+ sign 3408.873+/-0.000	χ^2/NDF : 26501985285389
Left Out: 4268.620+/-0.000	χ^2/NDF : 576373438836983826408088908187698200576.0/11	All: 3416.605+/-0.000	χ^2/NDF : 52945556048
Right Out: 2149.386+/-0.000	χ^2/NDF : 320631411360836158094549979591860027392.0/17	- sign 3424.125+/-0.000	χ^2/NDF : 26441680407788
Left In: 4401.016+/-0.000	χ^2/NDF : 271313470445828573503909403246788083712.0/10		

dit_sam7_coil3_err_mean vs Slug



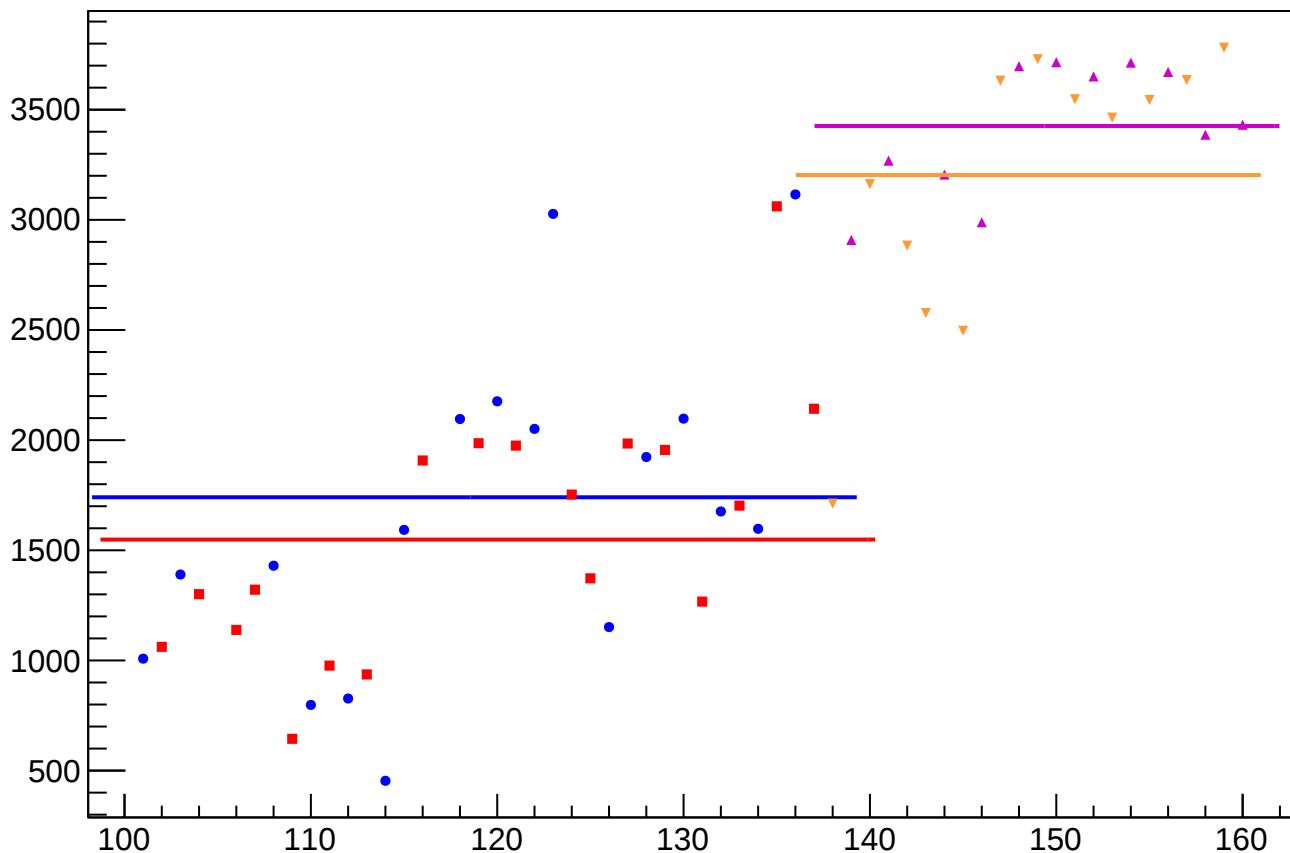
Right In: 117.825+/-0.000 χ^2/NDF : 6199421197695716182570916449760575488.0/16
 Left Out: 102.028+/-0.000 χ^2/NDF : 177124098717282134999436009607790592.0/11
 Right Out: 122.099+/-0.000 χ^2/NDF : 6546124684147045667679194482005245952.0/17
 Left In: 105.016+/-0.000 χ^2/NDF : 98103905520424947900201643718737920.0/10
 All: 110.672+/-0.000 χ^2/NDF : 132474040970
 + sign 108.867+/-0.000 χ^2/NDF : 647475111773895
 - sign 112.428+/-0.000 χ^2/NDF : 676235347012403

dit_sam7_coil3_Ndata_mean vs Slug



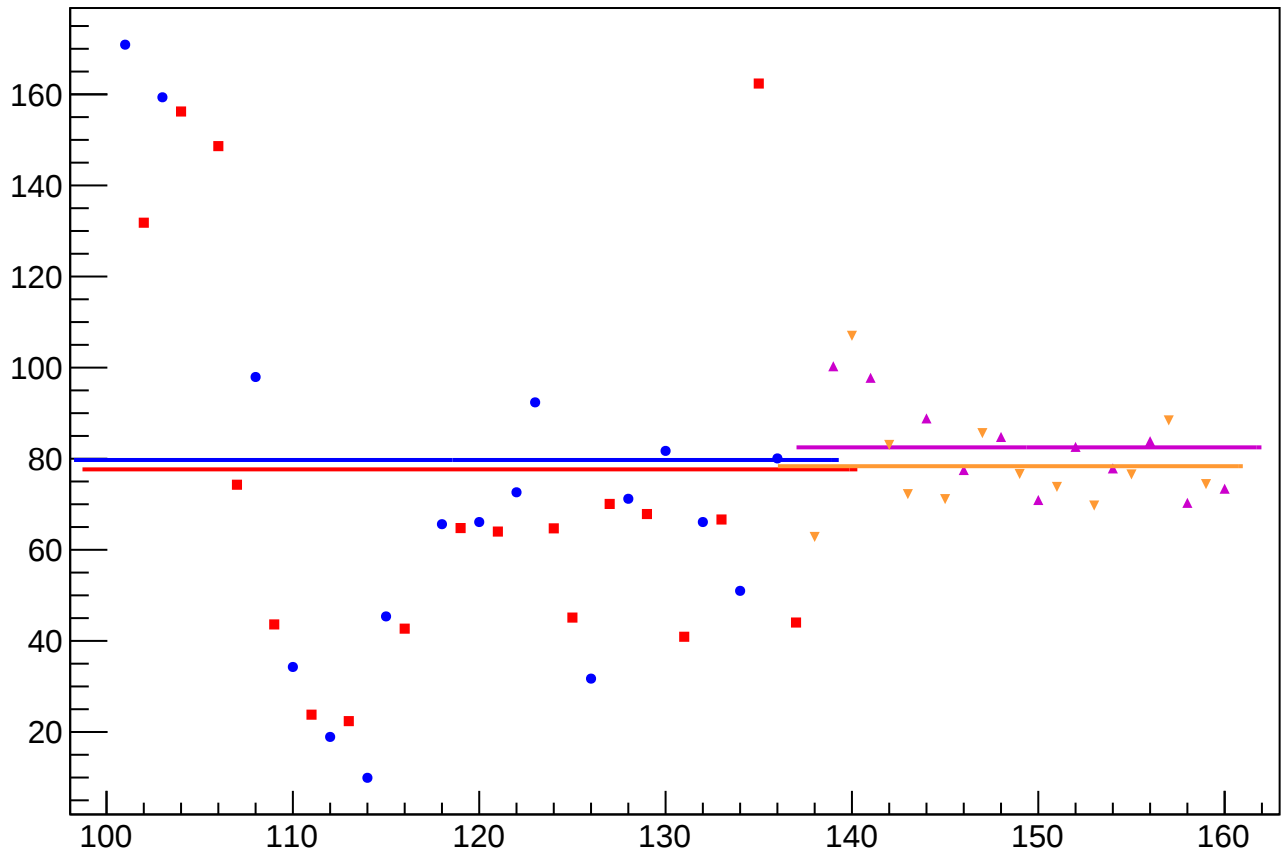
Right In: 1086.695 +/- 0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 +/- 0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 +/- 0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 +/- 0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10
 All: 1155.825 +/- 0.000 χ^2/NDF : 17736486682
 + sign 1142.906 +/- 0.000 χ^2/NDF : 76037619994785
 - sign 1168.390 +/- 0.000 χ^2/NDF : 10079953084874

dit_sam8_coil3_mean vs Slug



Right In: 1740.720+/-0.000	χ^2/NDF : 348962001897552007024222547428010622976.0/16	+ sign 2570.178+/-0.000	χ^2/NDF : 15367580317098
Left Out: 3203.449+/-0.000	χ^2/NDF : 345784551251095236762093437118983438336.0/11	All: 2591.168+/-0.000	χ^2/NDF : 32942998363
Right Out: 1548.740+/-0.000	χ^2/NDF : 255013280564316736413287354207314116608.0/17	- sign 2611.585+/-0.000	χ^2/NDF : 17561485835715
Left In: 3426.091+/-0.000	χ^2/NDF : 74472499127256765634021143910696353792.0/10		

dit_sam8_coil3_err_mean vs Slug



Right In: 79.722 $\pm$ 0.000 χ^2 /NDF: 1349884201001122025991797772619087872.0/16

+ sign 78.947 $\pm$ 0.000 χ^2 /NDF: 1465514520750782

Left Out: 78.356 $\pm$ 0.000 χ^2 /NDF: 114896120803259231895139298203140096.0/11

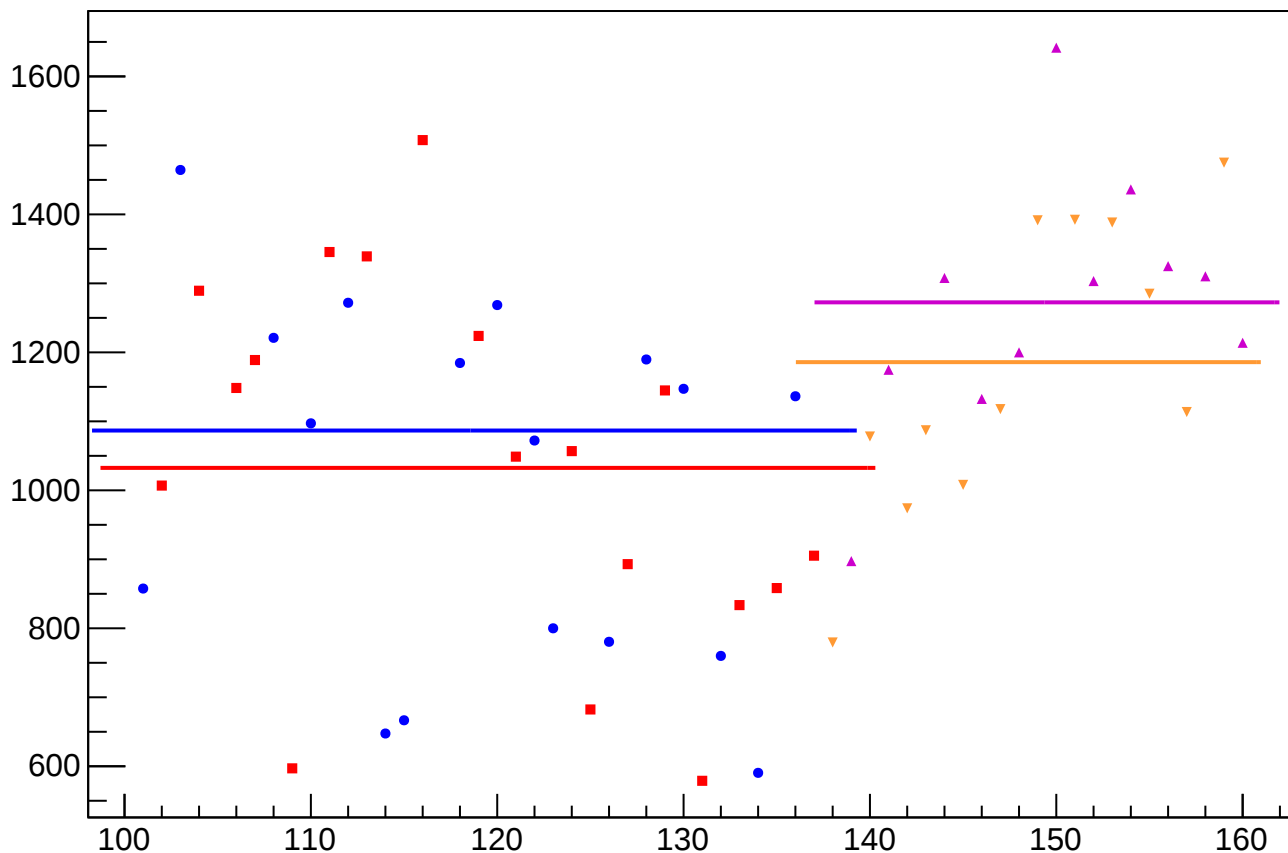
All: 79.681 $\pm$ 0.000 χ^2 /NDF: 3045128611296

Right Out: 77.658 $\pm$ 0.000 χ^2 /NDF: 1483793243606577649503828870787235840.0/17

- sign 80.396 $\pm$ 0.000 χ^2 /NDF: 1577908853053275

Left In: 82.494 $\pm$ 0.000 χ^2 /NDF: 84649934677405665053102578448990208.0/10

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

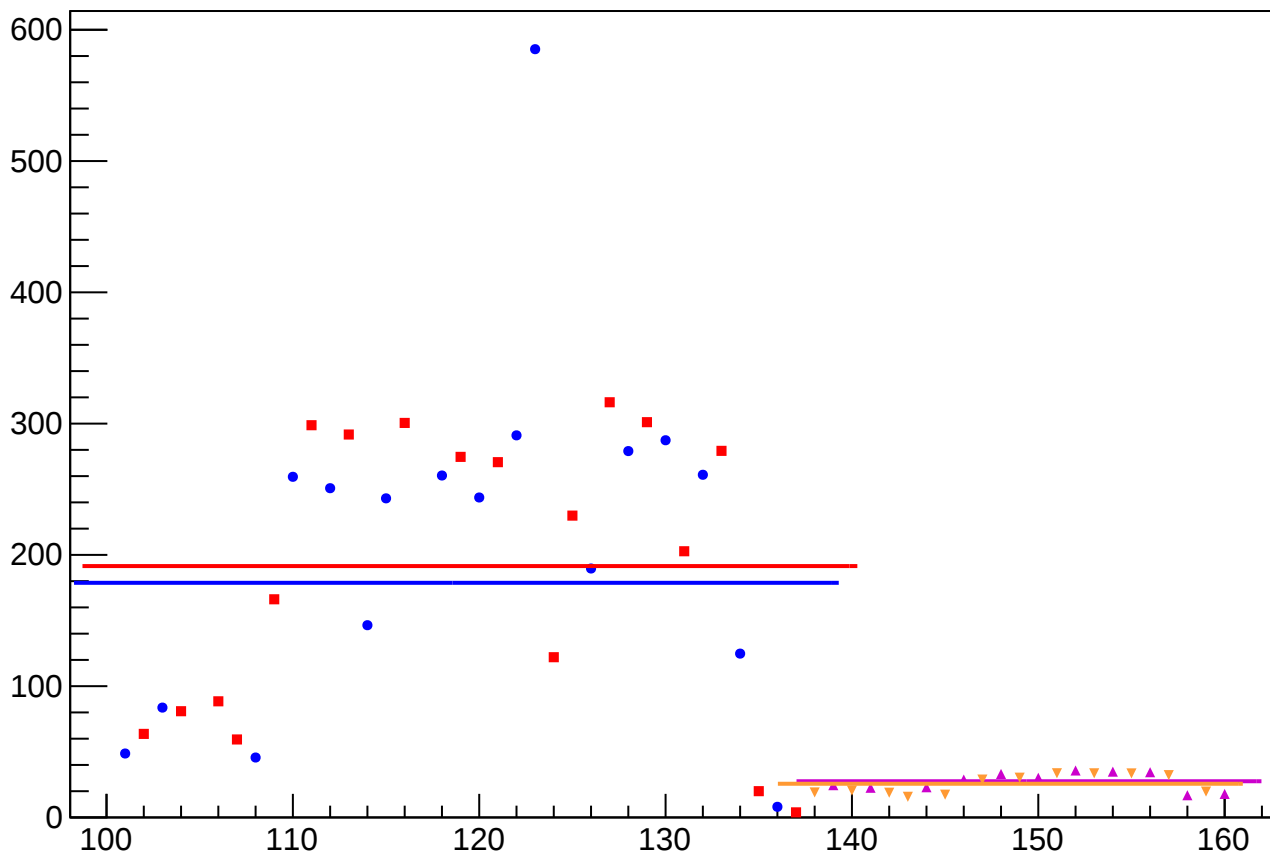
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4aX_coil7_mean vs Slug



Right In: 178.734+/-0.000 χ^2/NDF : 8494804765562228204327834177712947200.0/16

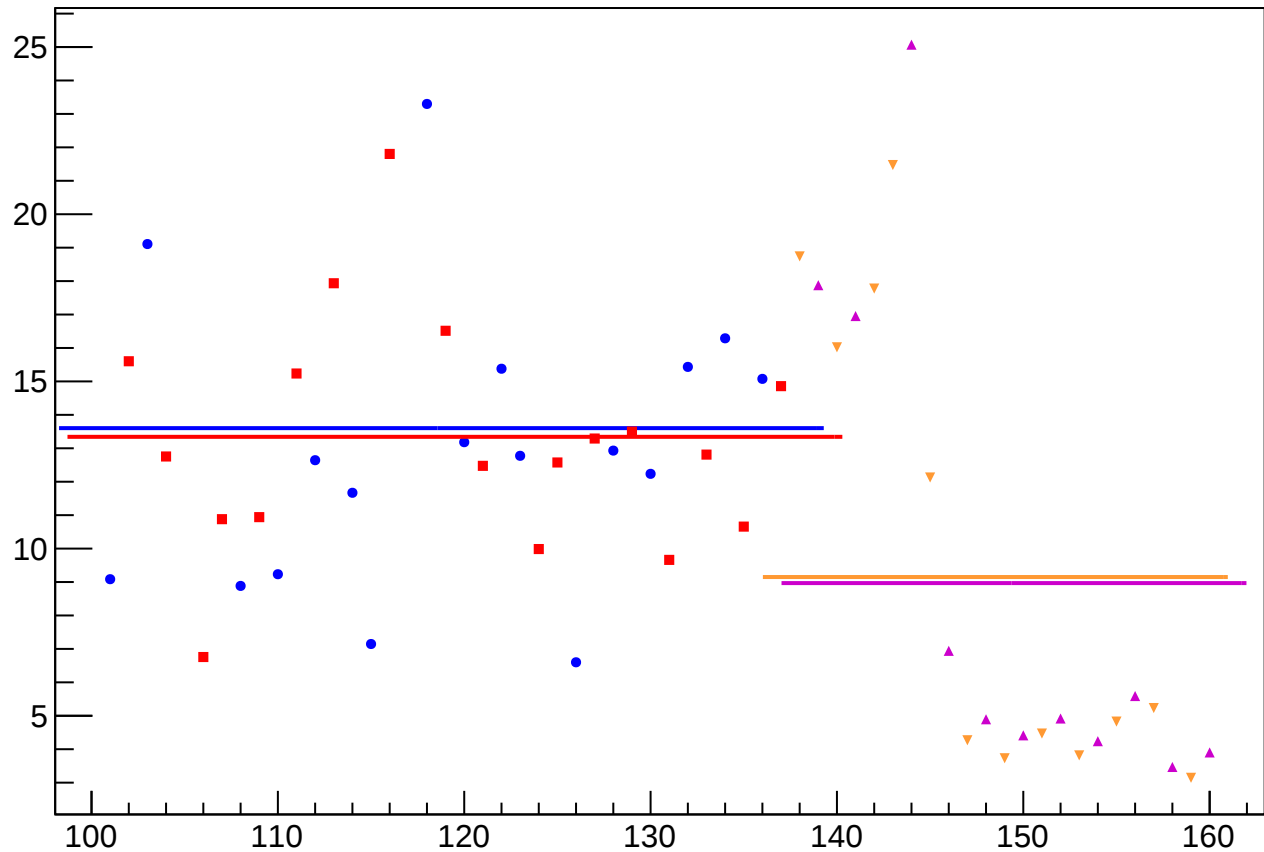
Left Out: 25.670+/-0.000 χ^2/NDF : 43615942339742127541727339141398528.0/11

Right Out: 191.483+/-0.000 χ^2/NDF : 8150461362250913614126902389436841984.0/17

Left In: 27.579+/-0.000 χ^2/NDF : 39364281565589269782784177585782784.0/10

All: 95.361+/-0.000 χ^2/NDF : 3685990233363

dit_4aX_coil7_err_mean vs Slug



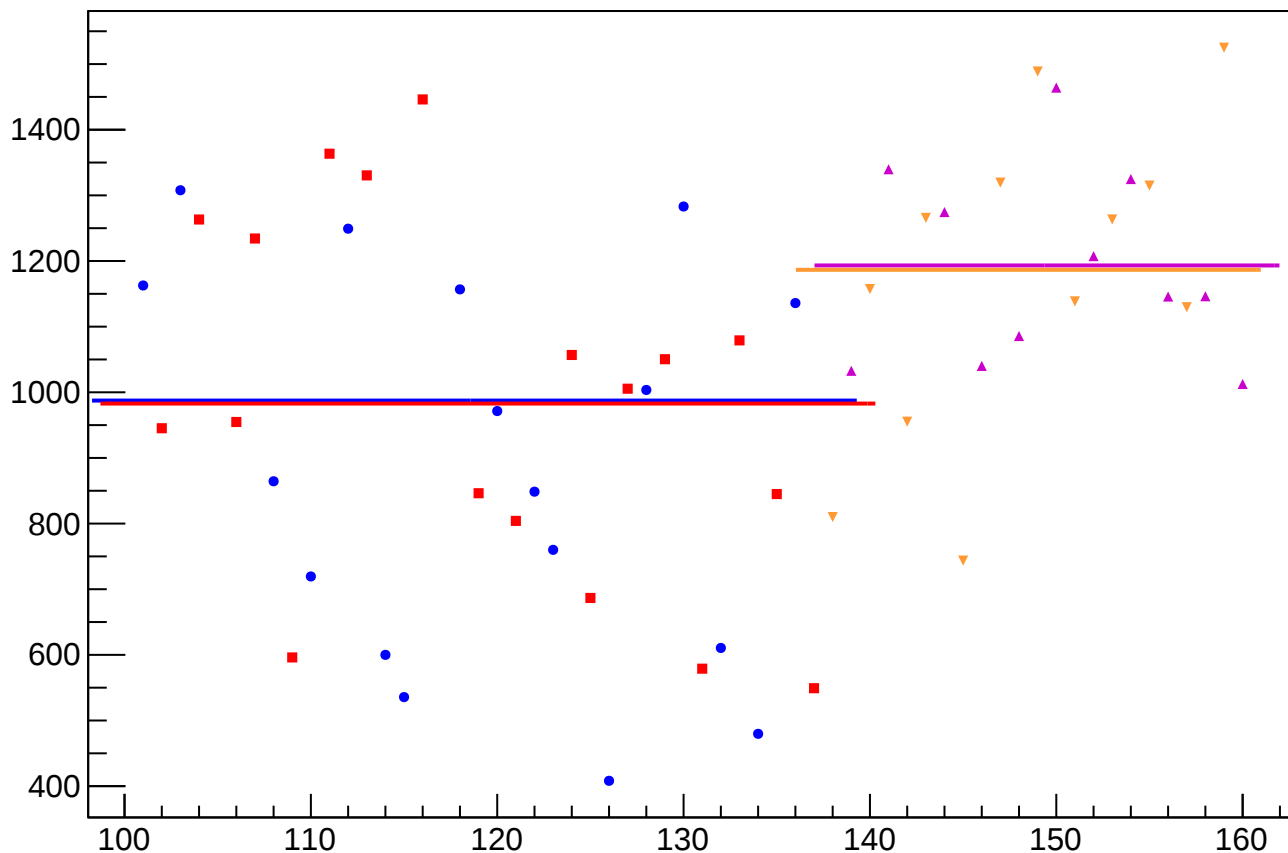
Right In: 13.603+/-0.000 χ^2/NDF : 12735243270159378009596948914372608.0/16

Left Out: 9.150+/-0.000 χ^2/NDF : 39277872742254074386096302311079936.0/11

Right Out: 13.343+/-0.000 χ^2/NDF : 6808158047357444632184742387646464.0/17

Left In: 8.968+/-0.000 χ^2/NDF : 47457578467091168331445311669010432.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

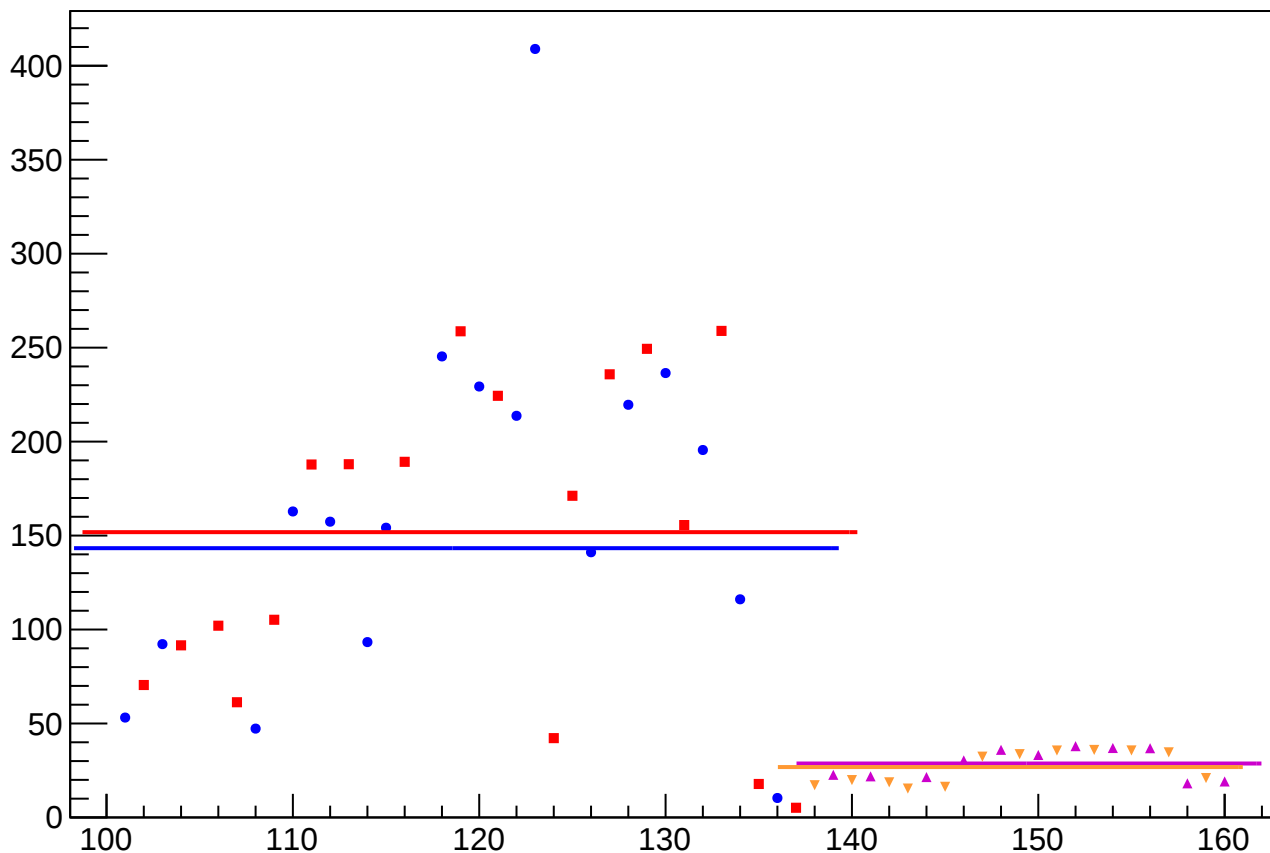
All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

dit_4eX_coil7_mean vs Slug



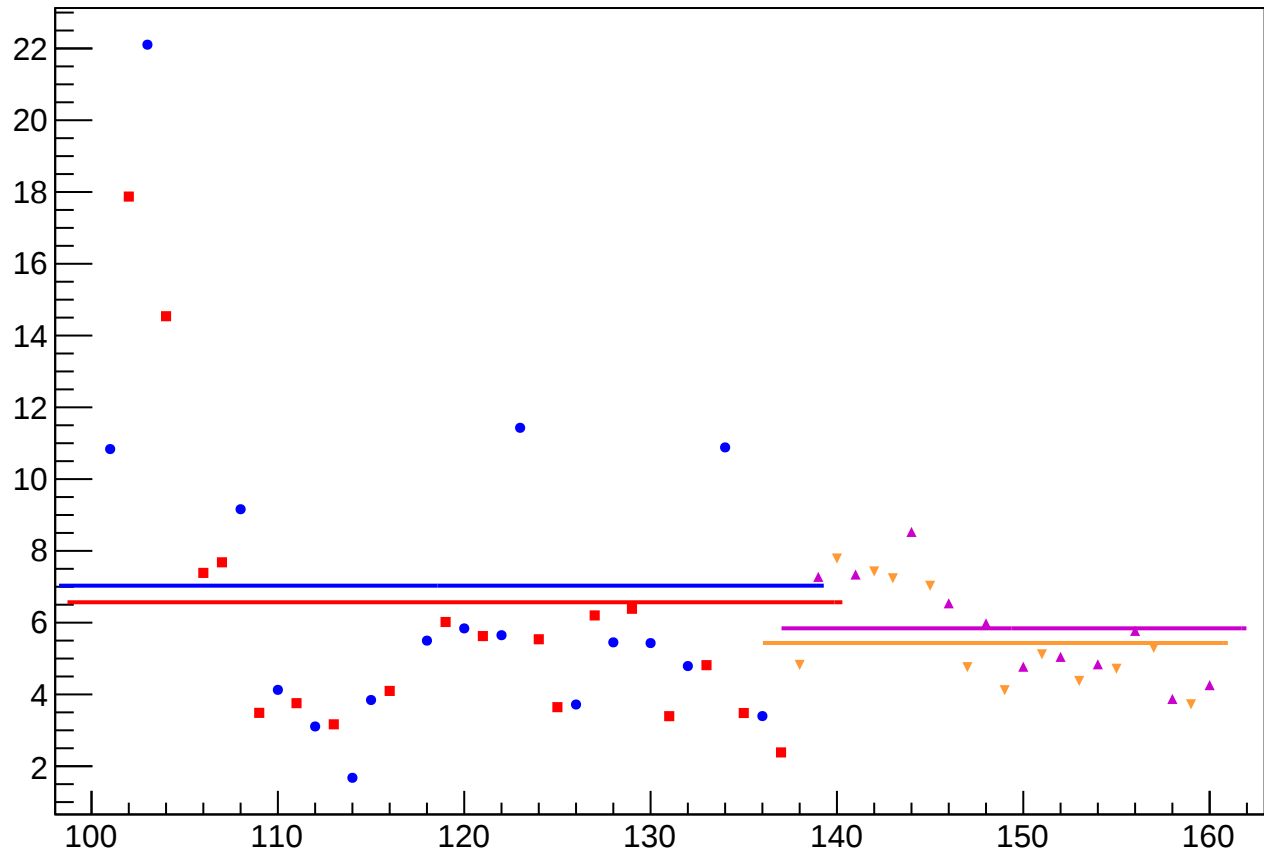
Right In: 143.291+/-0.000 χ^2/NDF : 4778890435983165530583685149403119616.0/16

Left Out: 26.816+/-0.000 χ^2/NDF : 64568009381250036040665945578930176.0/11

Right Out: 151.819+/-0.000 χ^2/NDF : 4652479354515348530637943017457057792.0/17

Left In: 28.706+/-0.000 χ^2/NDF : 53446645713086882216161894618628096.0/10

dit_4eX_coil7_err_mean vs Slug



Right In: 7.031+/-0.000 χ^2/NDF : 18686972393169306014765519518826496.0/16

Left Out: 5.434+/-0.000 χ^2/NDF : 1641961615493557983490036107051008.0/11

Right Out: 6.568+/-0.000 χ^2/NDF : 13908005278630821419370553666437120.0/17

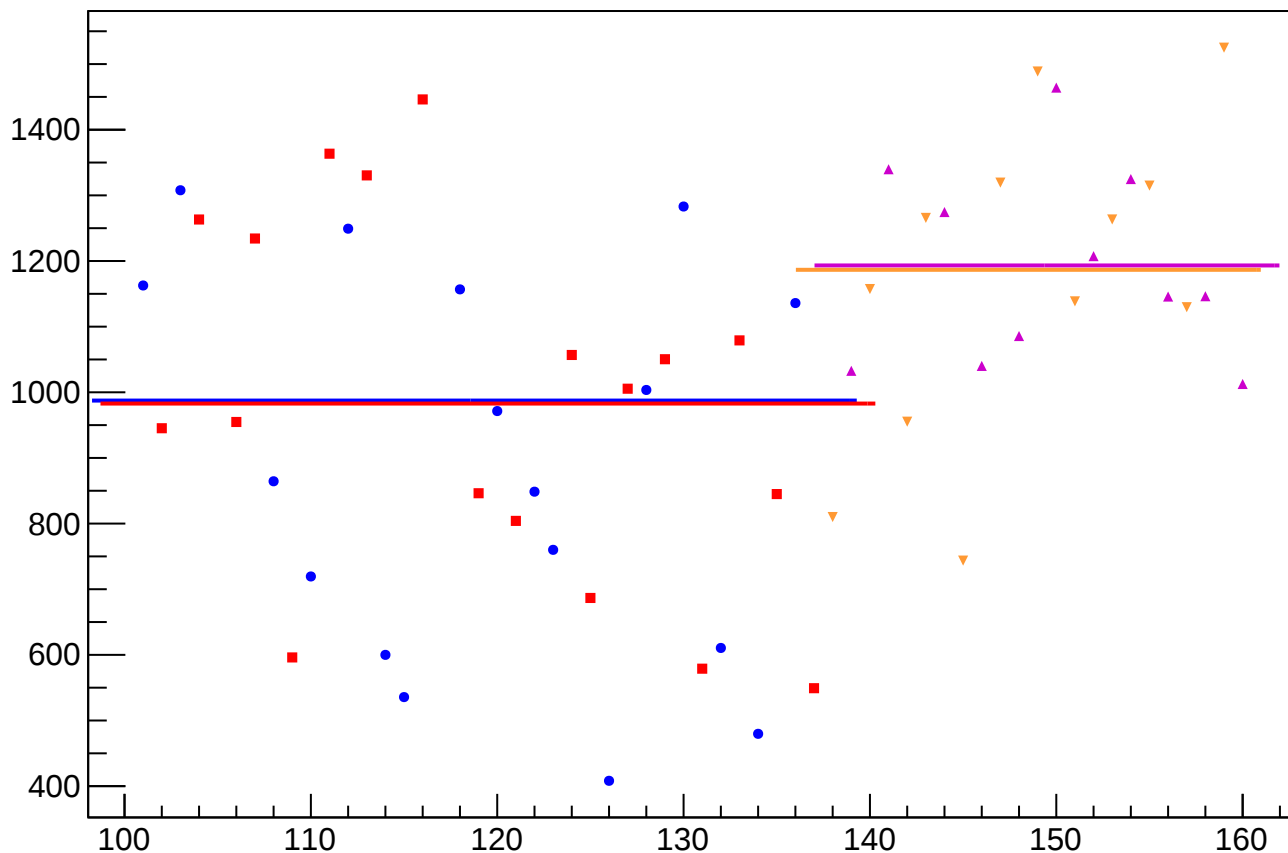
Left In: 5.842+/-0.000 χ^2/NDF : 1812226966420315112479835300036608.0/10

+ sign 6.125+/-0.000 χ^2/NDF : 21332352462298718

All: 6.141+/-0.000 χ^2/NDF : 37266865519798

- sign 6.157+/-0.000 χ^2/NDF : 15933696088962239

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

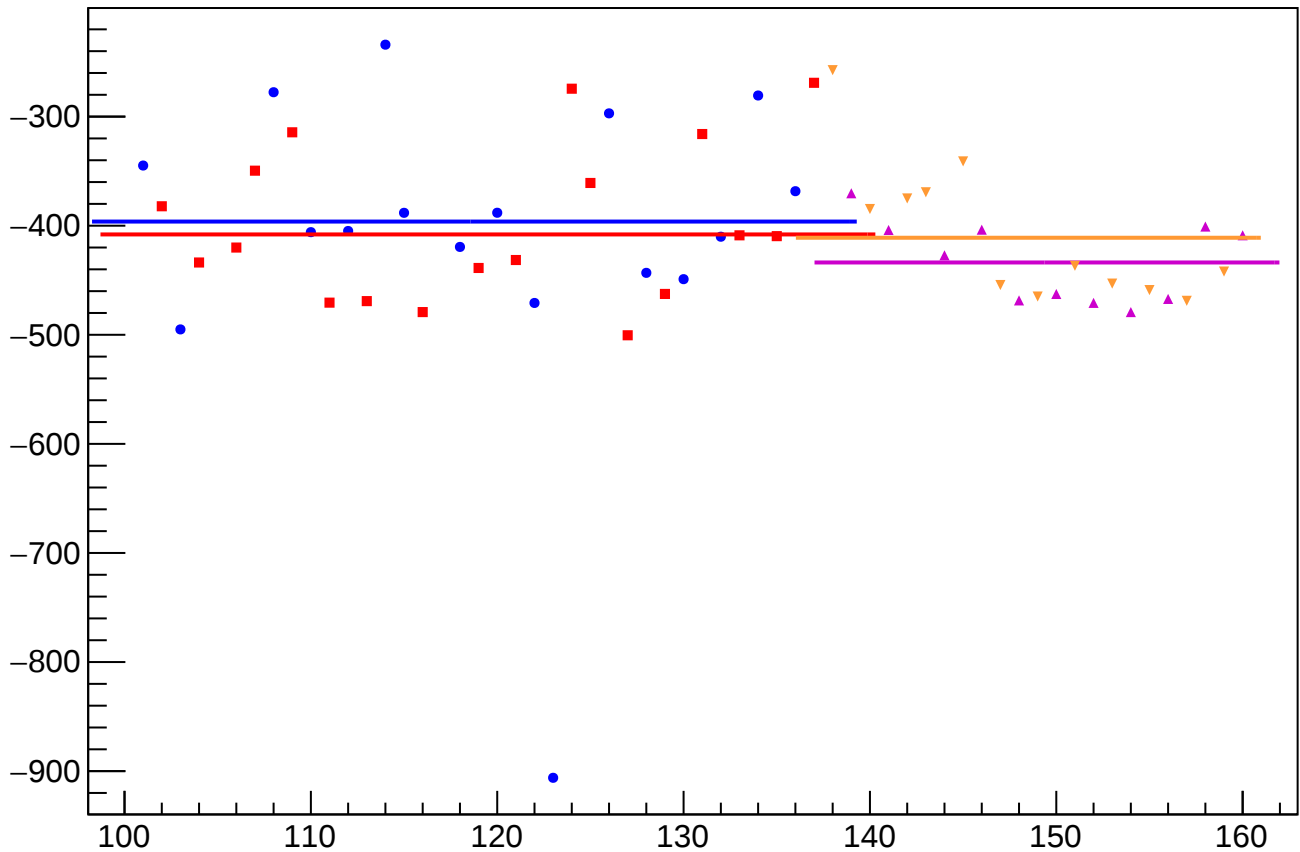
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_11X12X_coil7_mean vs Slug



Right In: -396.205 $\pm$ 0.000 χ^2 /NDF: 3915339787327324310697642459645607936.0/16

Left Out: -411.042 $\pm$ 0.000 χ^2 /NDF: 3555989077784945680272383641089212416.0/11

Right Out: -408.004 $\pm$ 0.000 χ^2 /NDF: 2700413725595197389596215208912617472.0/17

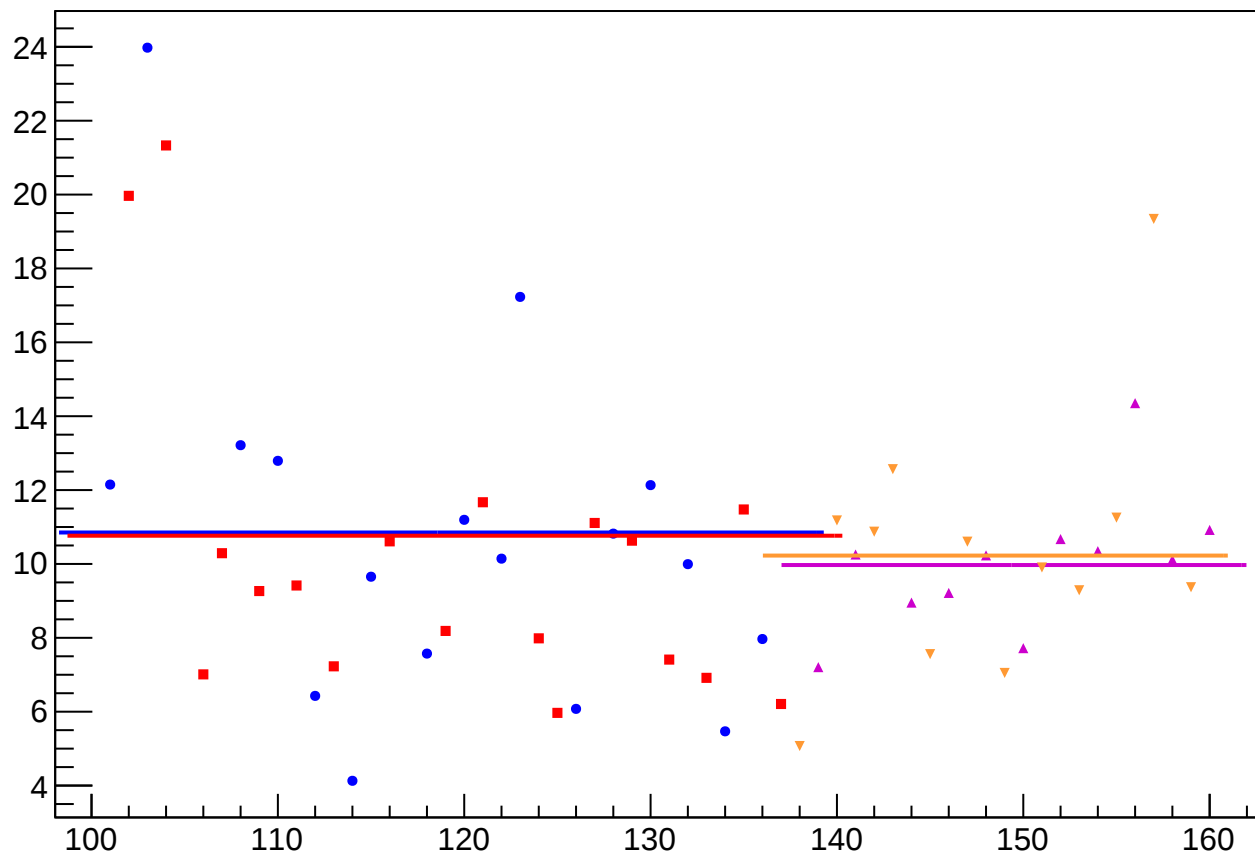
Left In: -433.711 $\pm$ 0.000 χ^2 /NDF: 1189526132627930234621779098826964992.0/10

+ sign -404.619 $\pm$ 0.000 χ^2 /NDF: 75579682652677

All: -413.713 $\pm$ 0.000 χ^2 /NDF: 11976916890

- sign -422.558 $\pm$ 0.000 χ^2 /NDF: 415744047977943

dit_11X12X_coil7_err_mean vs Slug



Right In: 10.851+/-0.000 χ^2/NDF : 15284459899452545966128799384862720.0/16

Left Out: 10.227+/-0.000 χ^2/NDF : 10321587584551104331954948537319424.0/11

Right Out: 10.764+/-0.000 χ^2/NDF : 14575858748491423837639288498946048.0/17

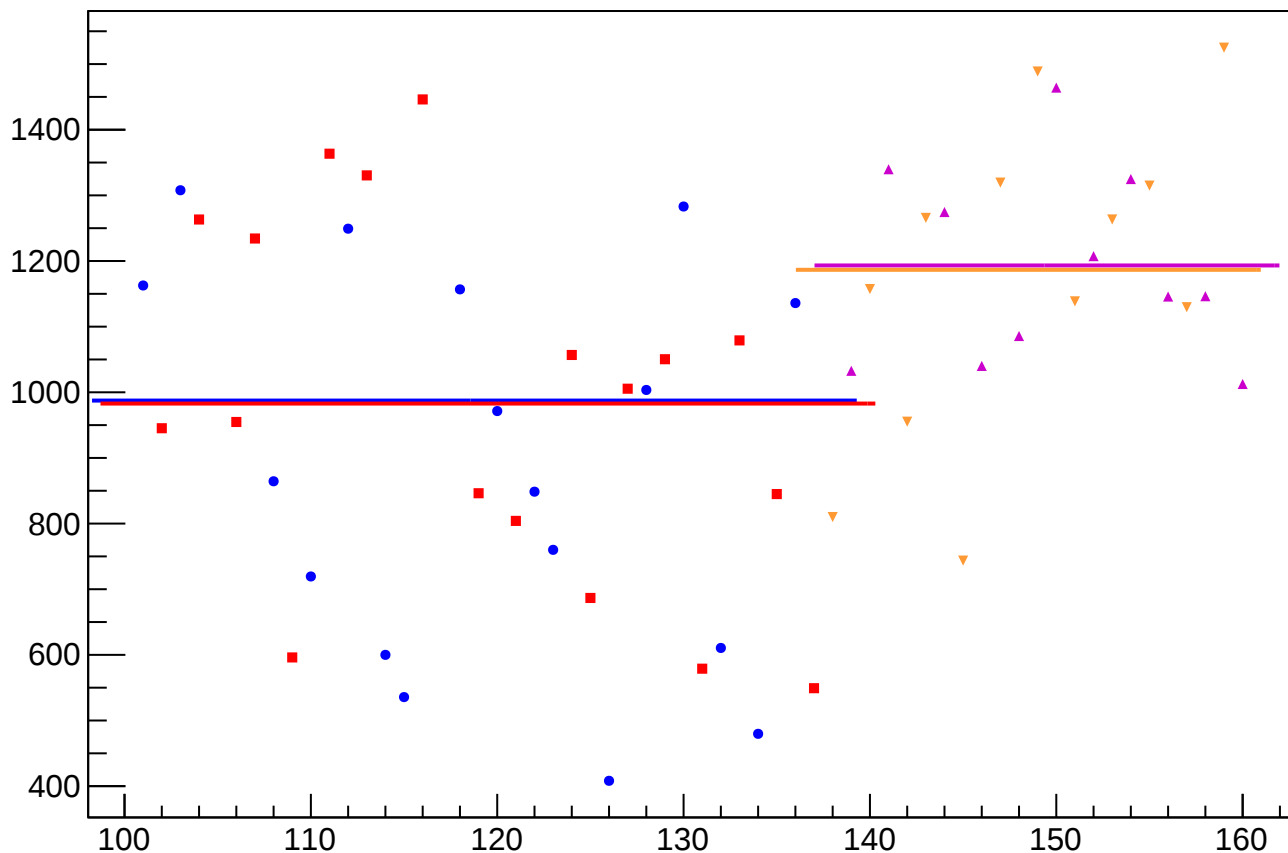
Left In: 9.971+/-0.000 χ^2/NDF : 2900670082842124382118820523802624.0/10

+ sign 10.497+/-0.000 χ^2/NDF : 2575964741998058

All: 10.405+/-0.000 χ^2/NDF : 4351812926390

- sign 10.315+/-0.000 χ^2/NDF : 1773149218135601

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

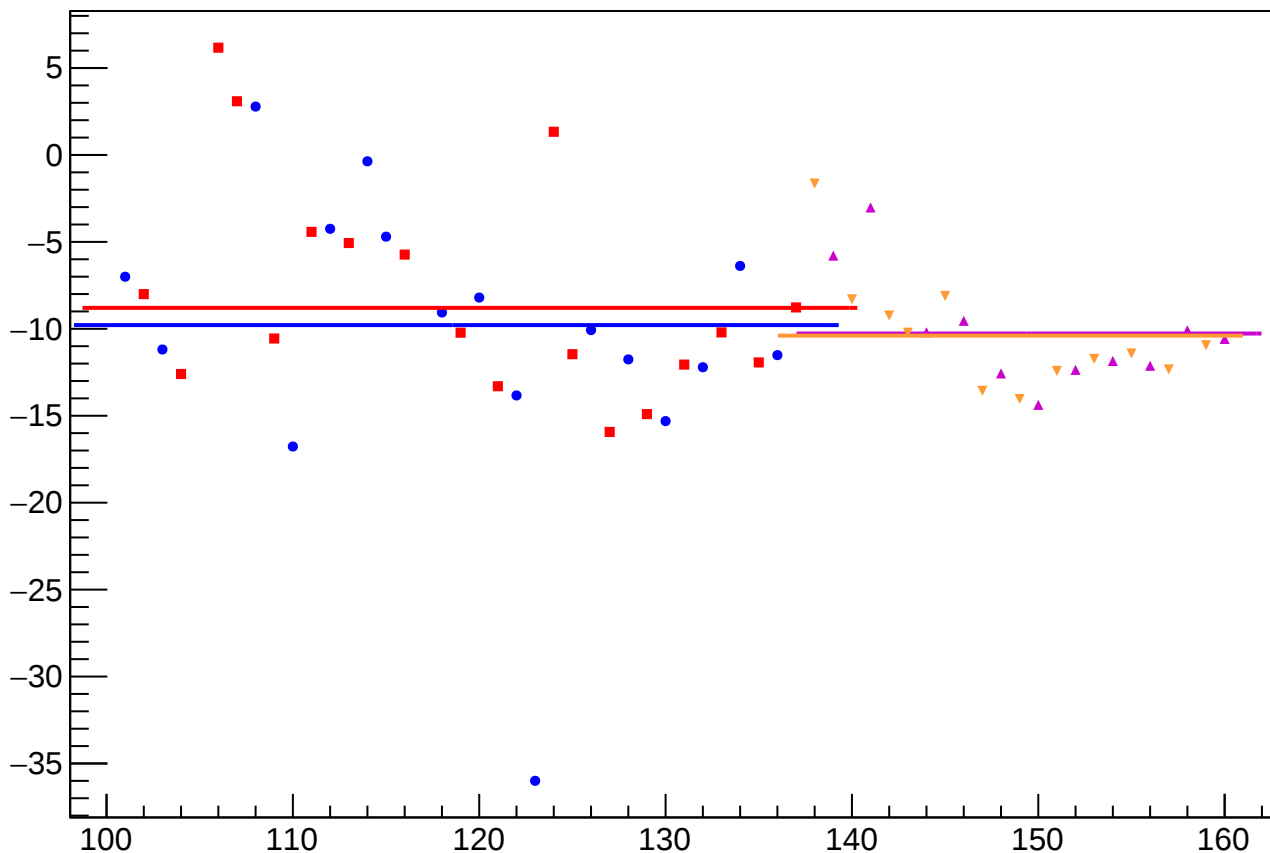
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_4aY_coil7_mean vs Slug



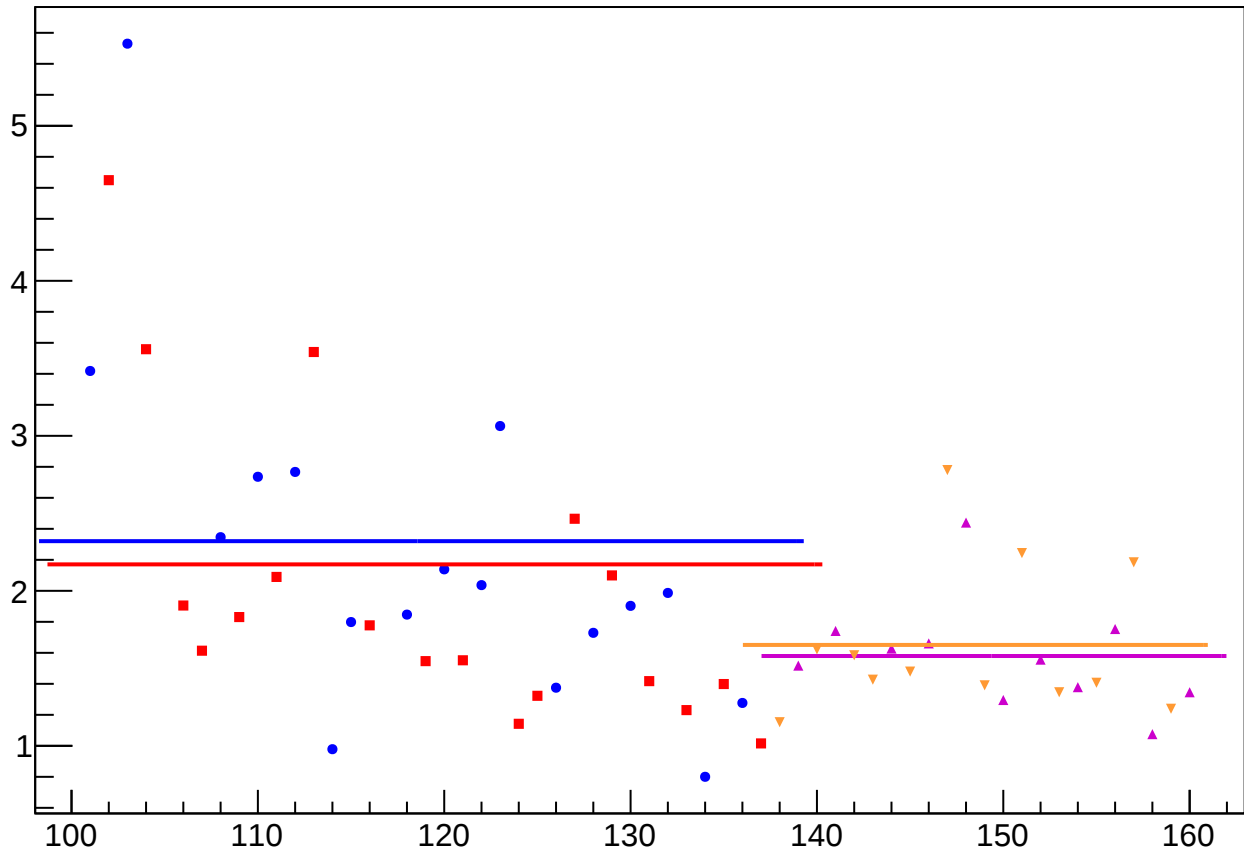
Right In: -9.786+/-0.000 χ^2/NDF : 17296683010620060540445571791454208.0/16

Left Out: -10.390+/-0.000 χ^2/NDF : 9553348608714345843286370808758272.0/11

Right Out: -8.794+/-0.000 χ^2/NDF : 21979472889395409230974985175040000.0/17

Left In: -10.271+/-0.000 χ^2/NDF : 9001548873812579955640597255028736.0/10

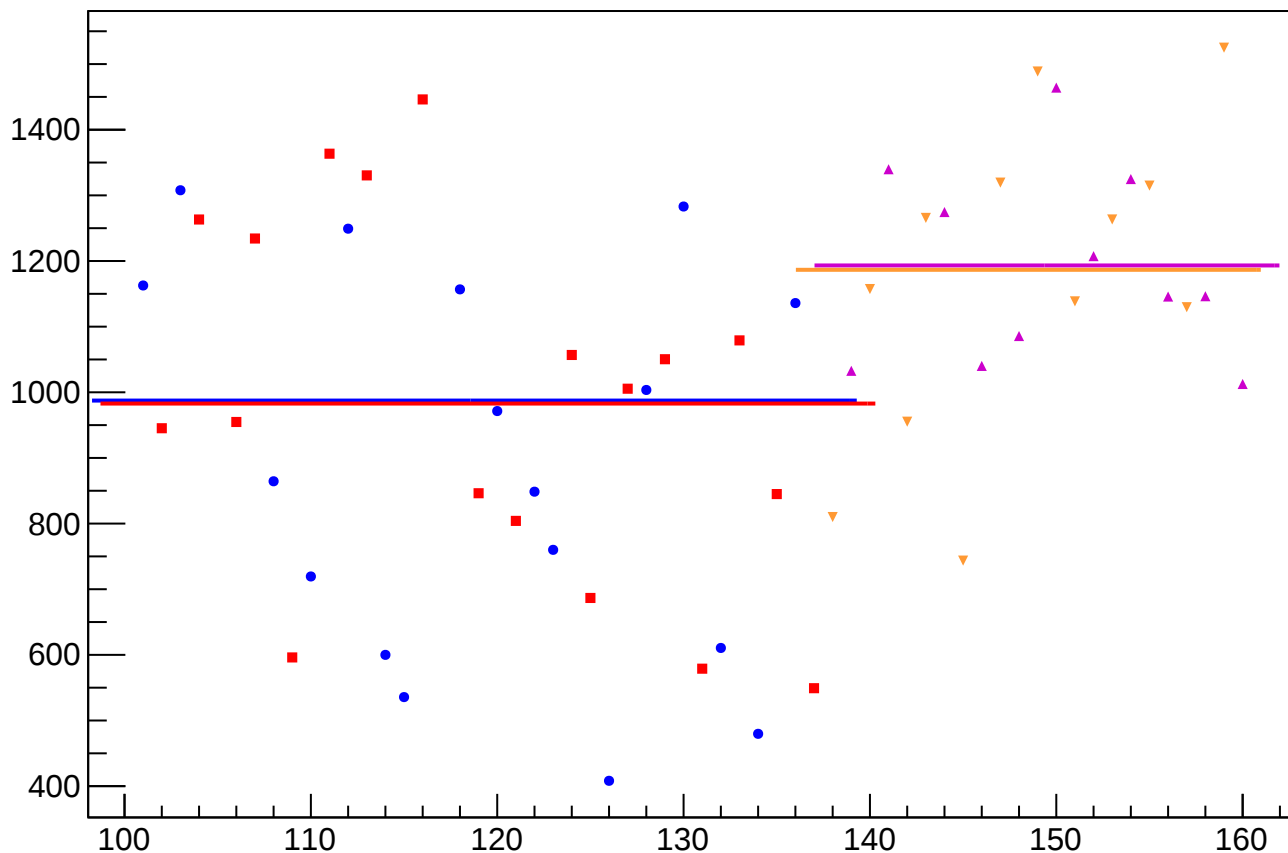
dit_4aY_coil7_err_mean vs Slug



Right In: 2.320+/-0.000	χ^2/NDF : 951785069007432203128626661556224.0/16
Left Out: 1.651+/-0.000	χ^2/NDF : 204626857159139136985355773804544.0/11
Right Out: 2.171+/-0.000	χ^2/NDF : 756432905902484239494035607126016.0/17
Left In: 1.580+/-0.000	χ^2/NDF : 104047648288543214499863879221248.0/10

+ sign 1.941+/-0.000 χ^2/NDF : 13327985740188847
 All: 1.888+/-0.000 χ^2/NDF : 23436522644769
 - sign 1.836+/-0.000 χ^2/NDF : 10019203800642055

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

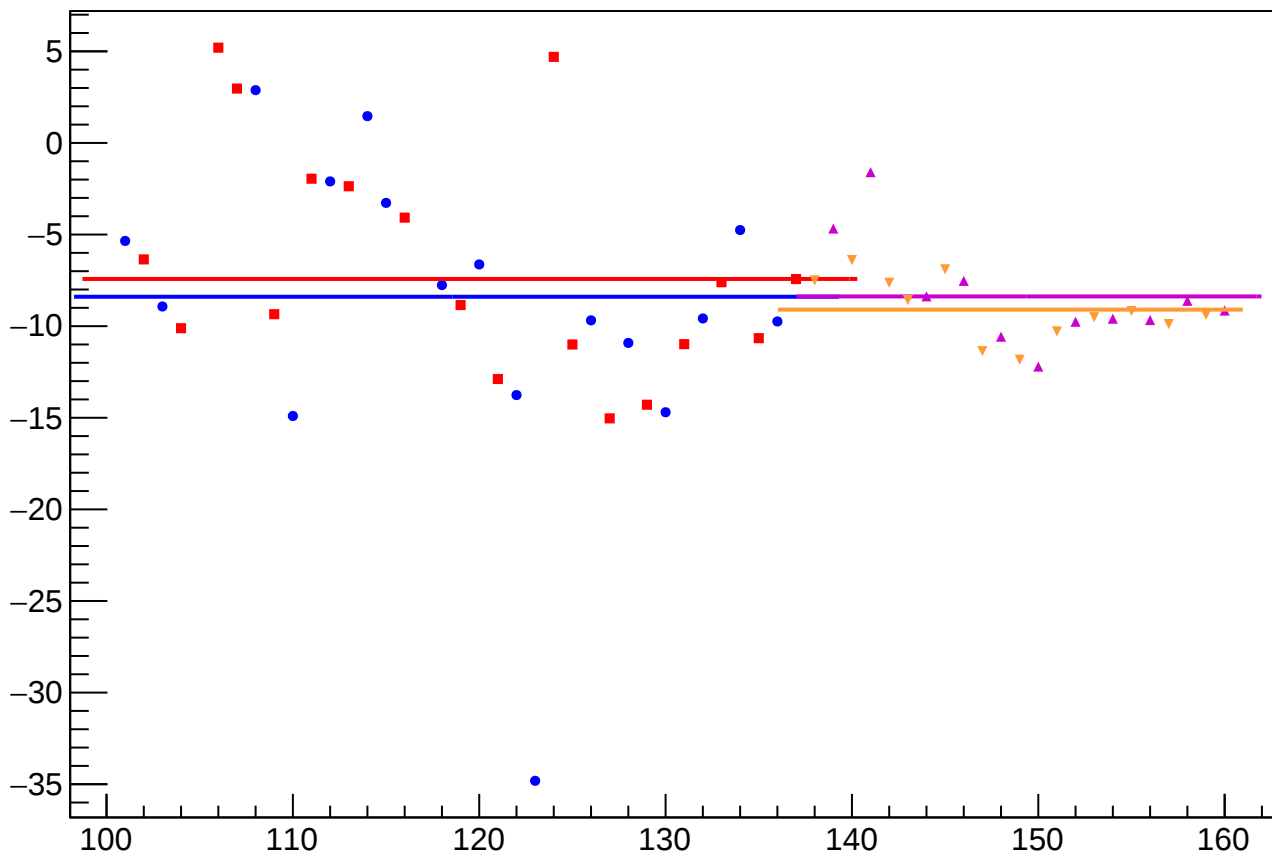
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_4eY_coil7_mean vs Slug



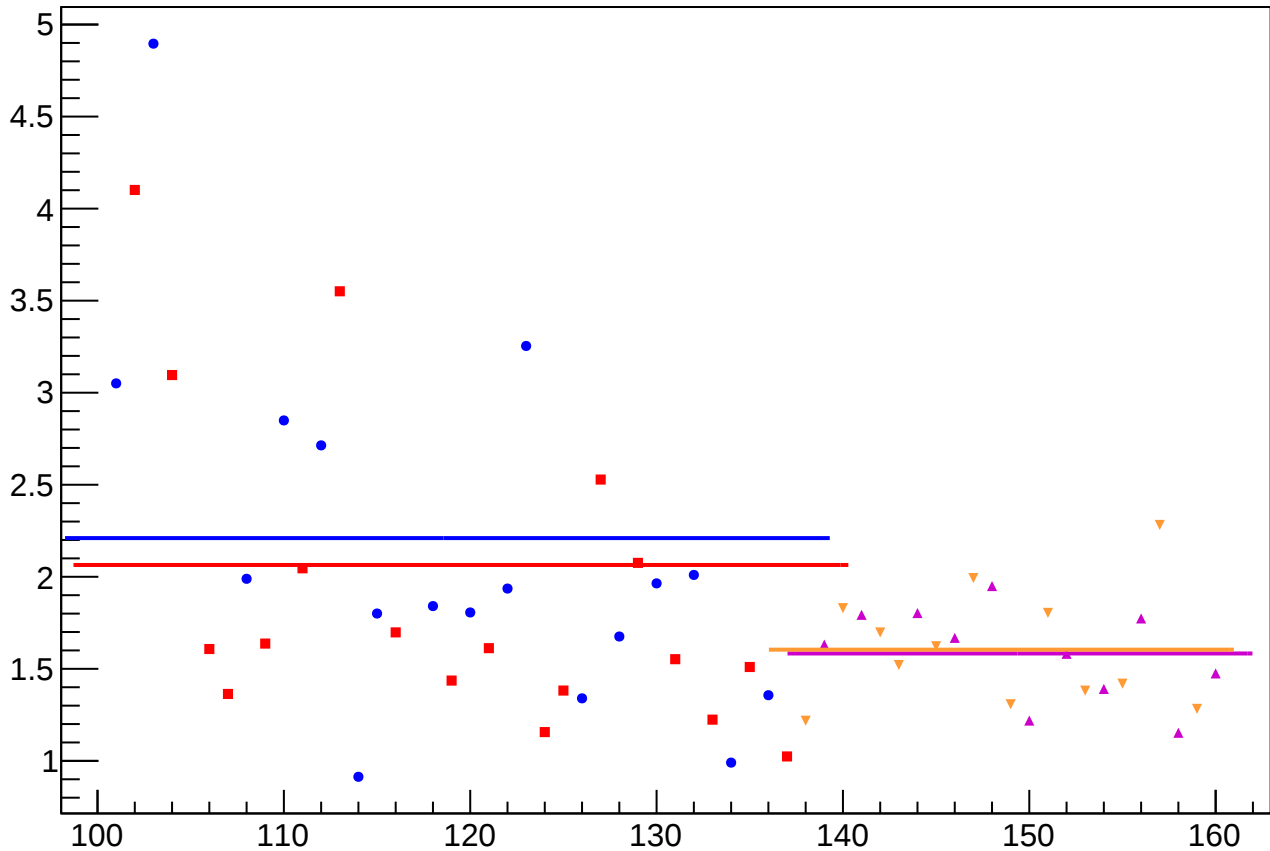
Right In: -8.394+/-0.000 χ^2/NDF : 17454293749905596935063382469378048.0/16

Left Out: -9.098+/-0.000 χ^2/NDF : 2495166400033821389722475105878016.0/11

Right Out: -7.423+/-0.000 χ^2/NDF : 21448737498509381182656193641840640.0/17

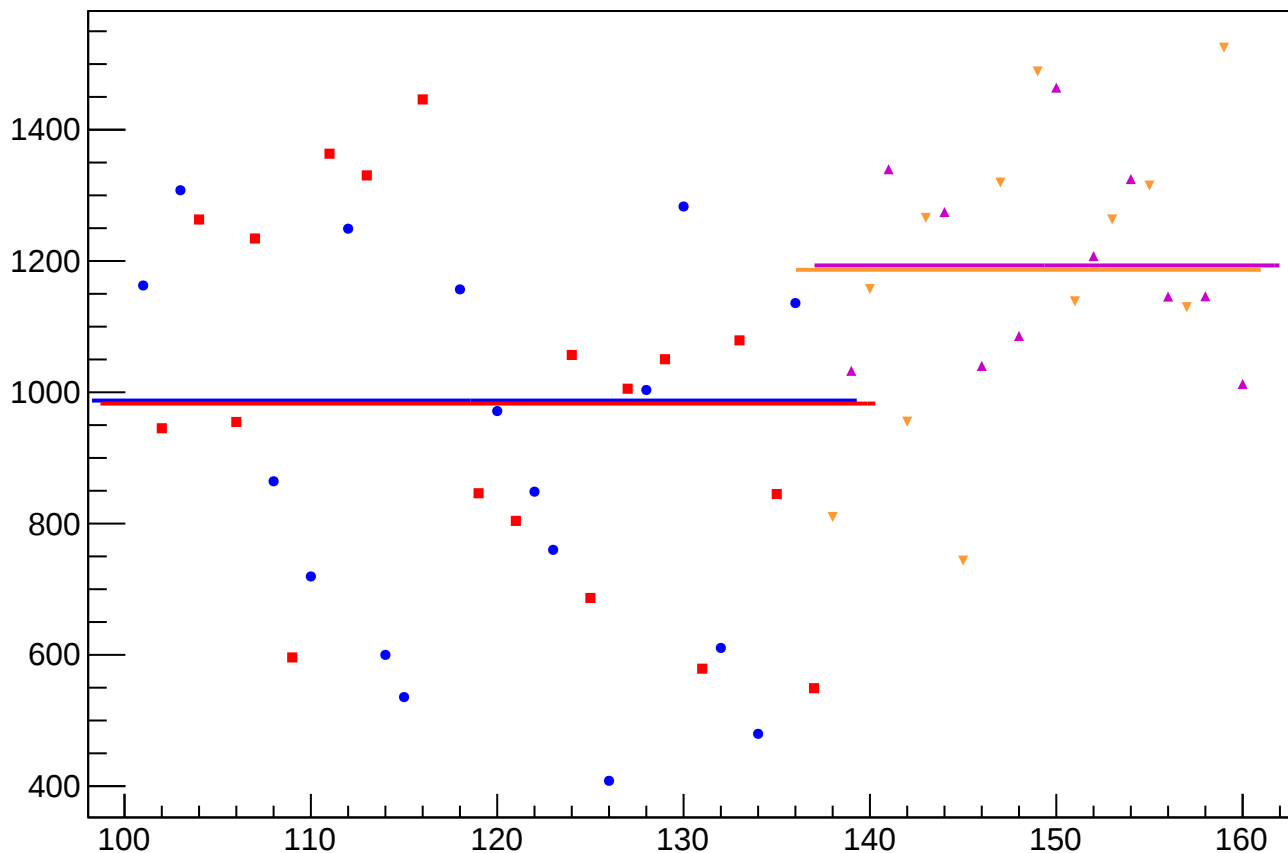
Left In: -8.377+/-0.000 χ^2/NDF : 7305049621104210689876244459159552.0/10

dit_4eY_coil7_err_mean vs Slug



Right In: 2.210 ± 0.000 χ^2/NDF : 685219894303103753186103173054464.0/16
 Left Out: 1.604 ± 0.000 χ^2/NDF : 88134442876960203086974867734528.0/11
 Right Out: 2.064 ± 0.000 χ^2/NDF : 574315722841914805756407412948992.0/17
 Left In: 1.583 ± 0.000 χ^2/NDF : 54376045146817744012212281802752.0/10
 + sign 1.867 ± 0.000 χ^2/NDF : 91790498723522989
 All: 1.829 ± 0.000 χ^2/NDF : 16446751324639
 - sign 1.792 ± 0.000 χ^2/NDF : 72225739278983995

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

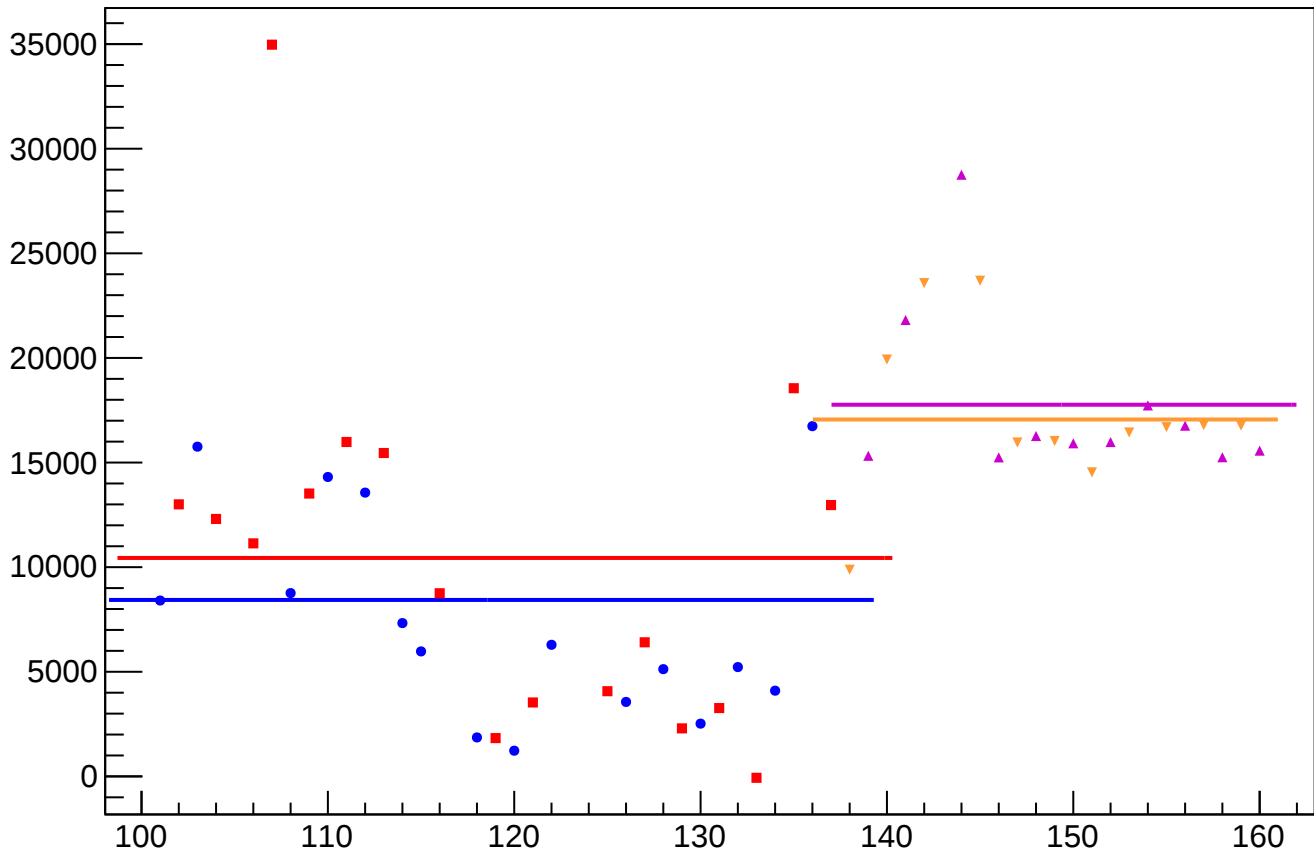
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

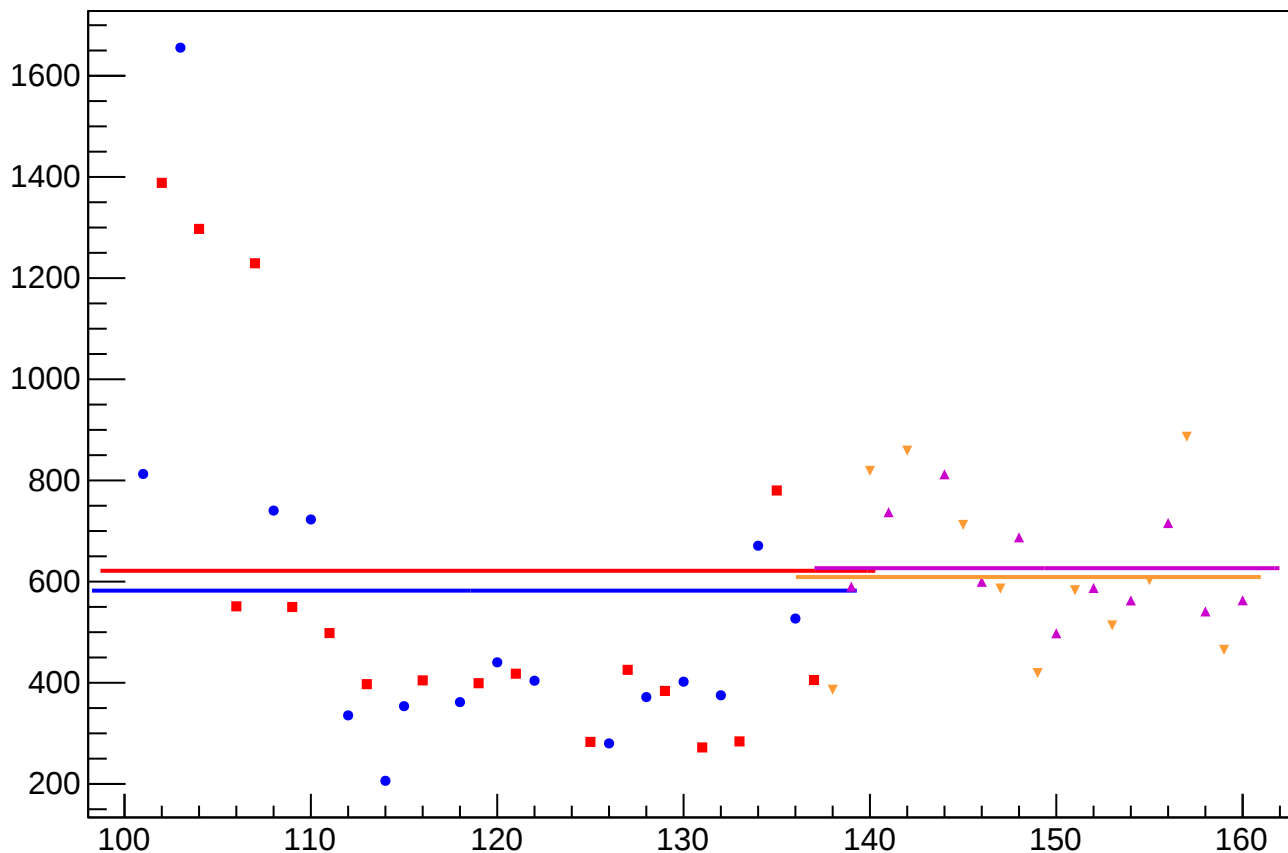
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_usl_coil7_mean vs Slug



Right In: 8433.891+/-0.000 χ^2/NDF : 20327422028204985369763408215621299601408.0/15
 Left Out: 17058.273+/-0.000 χ^2/NDF : 10811611646396396135044758761220754898944.0/10
 Right Out: 10440.704+/-0.000 χ^2/NDF : 45868144044016746065453678570140629729280.0/16
 Left In: 17763.145+/-0.000 χ^2/NDF : 14921716045152593676189631342379599396864.0/10

dit_usl_coil7_err_mean vs Slug



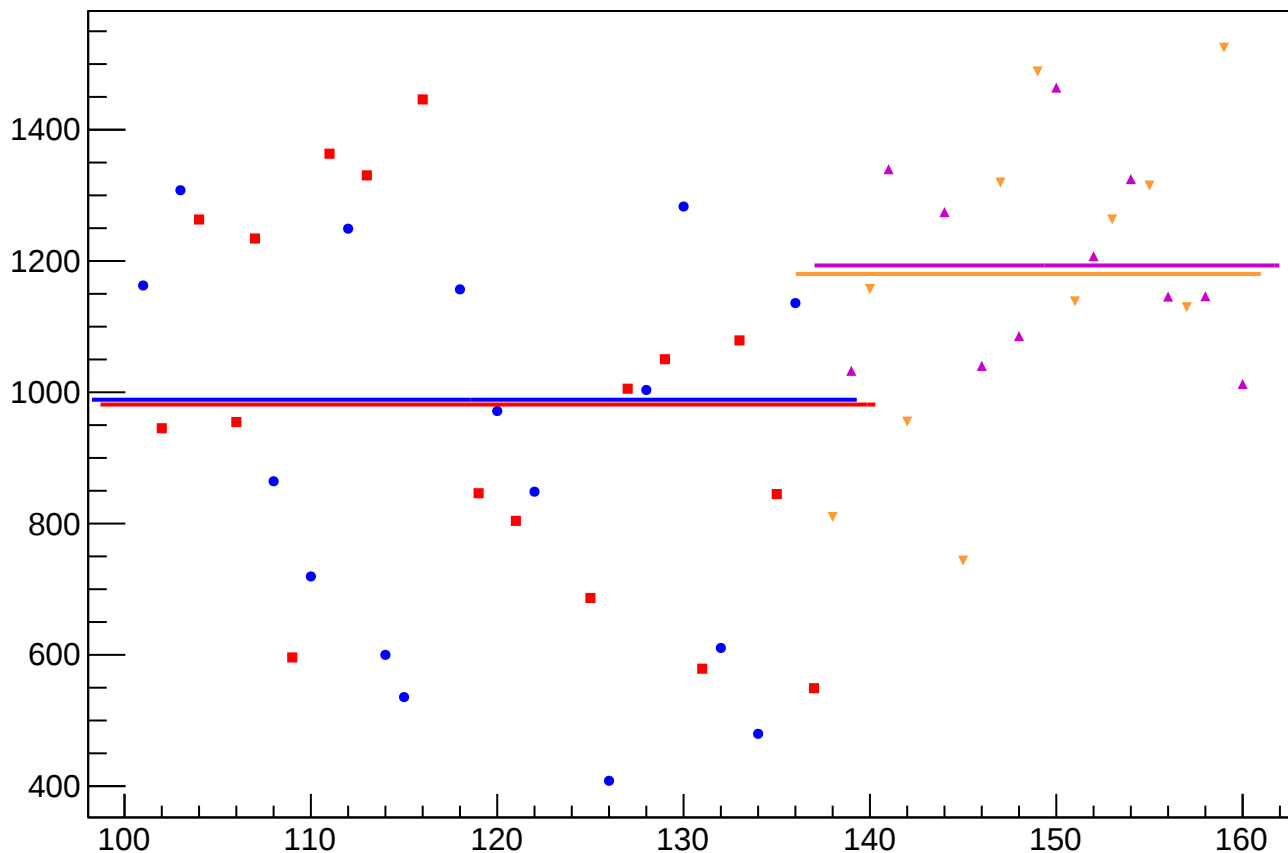
Right In: 582.194+/-0.000 χ^2/NDF : 92652521491388929844313077938841976832.0/15

Left Out: 609.049+/-0.000 χ^2/NDF : 22435846570397404635858963221446656000.0/10

Right Out: 621.413+/-0.000 χ^2/NDF : 99044900314697449740386824149731901440.0/16

Left In: 626.604+/-0.000 χ^2/NDF : 8153830016512989620574087402930307072.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 988.706+/-0.000 χ^2/NDF : 52363367379197496459026096064200441856.0/15

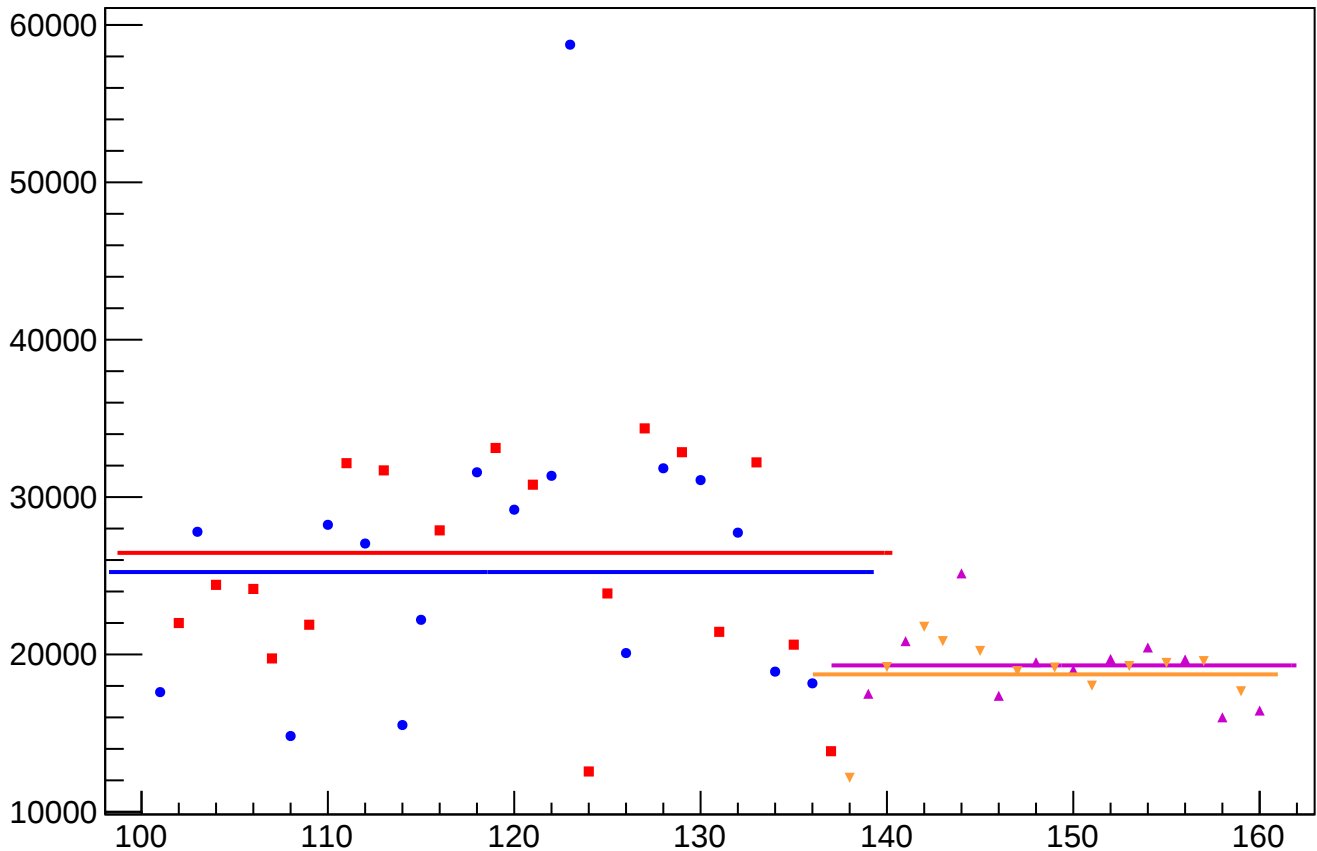
Left Out: 1180.302+/-0.000 χ^2/NDF : 49311054965426356670958856612989632512.0/10

Right Out: 981.352+/-0.000 χ^2/NDF : 48028000110939353209143459445919973376.0/16

Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

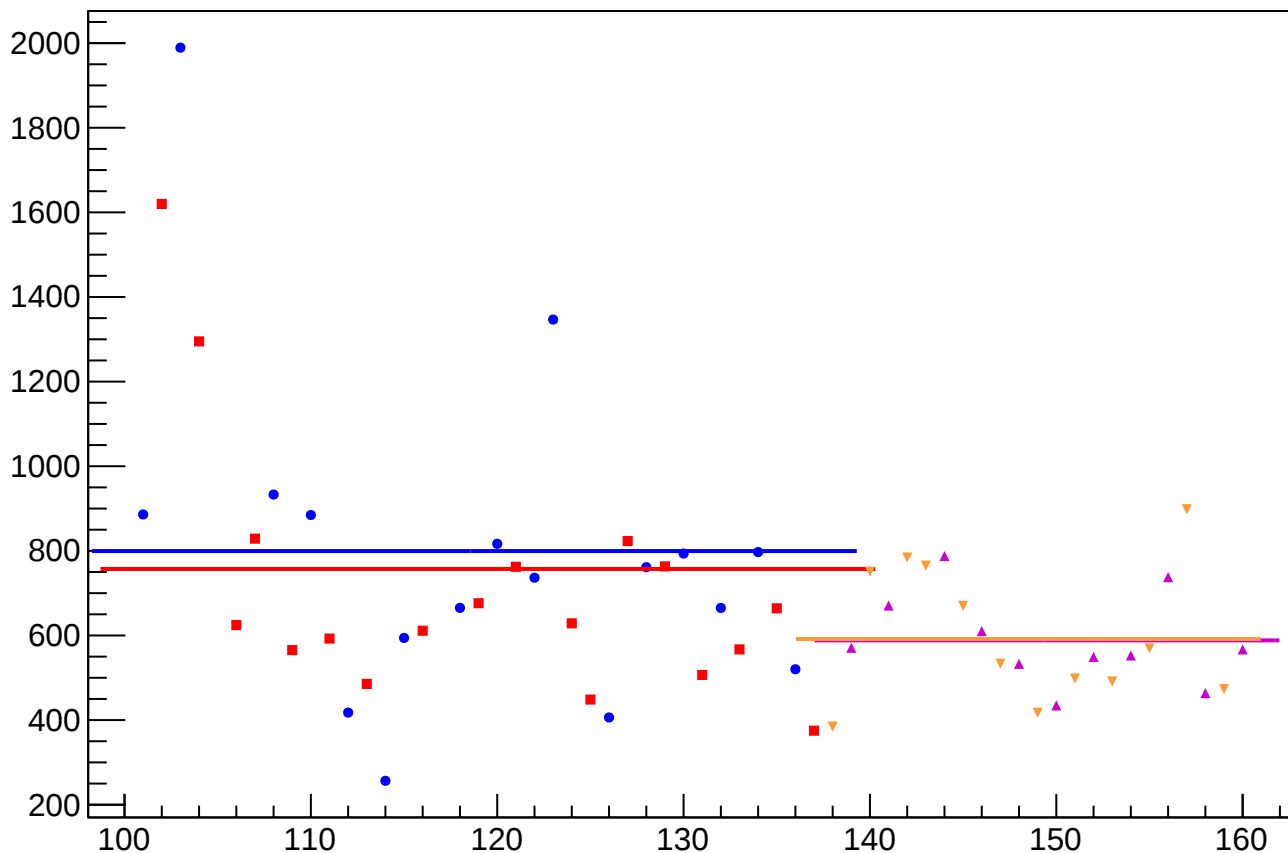
All: 1098.305+/-0.000 χ^2/NDF : 20036689043

dit_usr_coil7_mean vs Slug



Right In: 25236.317+/-0.000 χ^2/NDF : 29071522213059582283269412071648973029376.0/16
 Left Out: 18733.088+/-0.000 χ^2/NDF : 4548859708795276009115062862764547506176.0/11
 Right Out: 26455.988+/-0.000 χ^2/NDF : 24365500126615965846523683173160051539968.0/17
 Left In: 19304.267+/-0.000 χ^2/NDF : 5534312846763223984199919197299769606144.0/10
 All: 21983.788+/-0.000 χ^2/NDF : 1014666281
 + sign 21548.584+/-0.000 χ^2/NDF : 5026400771865
 - sign 22407.107+/-0.000 χ^2/NDF : 5060368831964

dit_usr_coil7_err_mean vs Slug



Right In: 799.524+/-0.000 χ^2/NDF : 112536154235498414231657645251770712064.0/16

+ sign 681.634+/-0.000 χ^2/NDF : 151644951305294

Left Out: 591.628+/-0.000 χ^2/NDF : 22099670593221557738114196407951818752.0/11

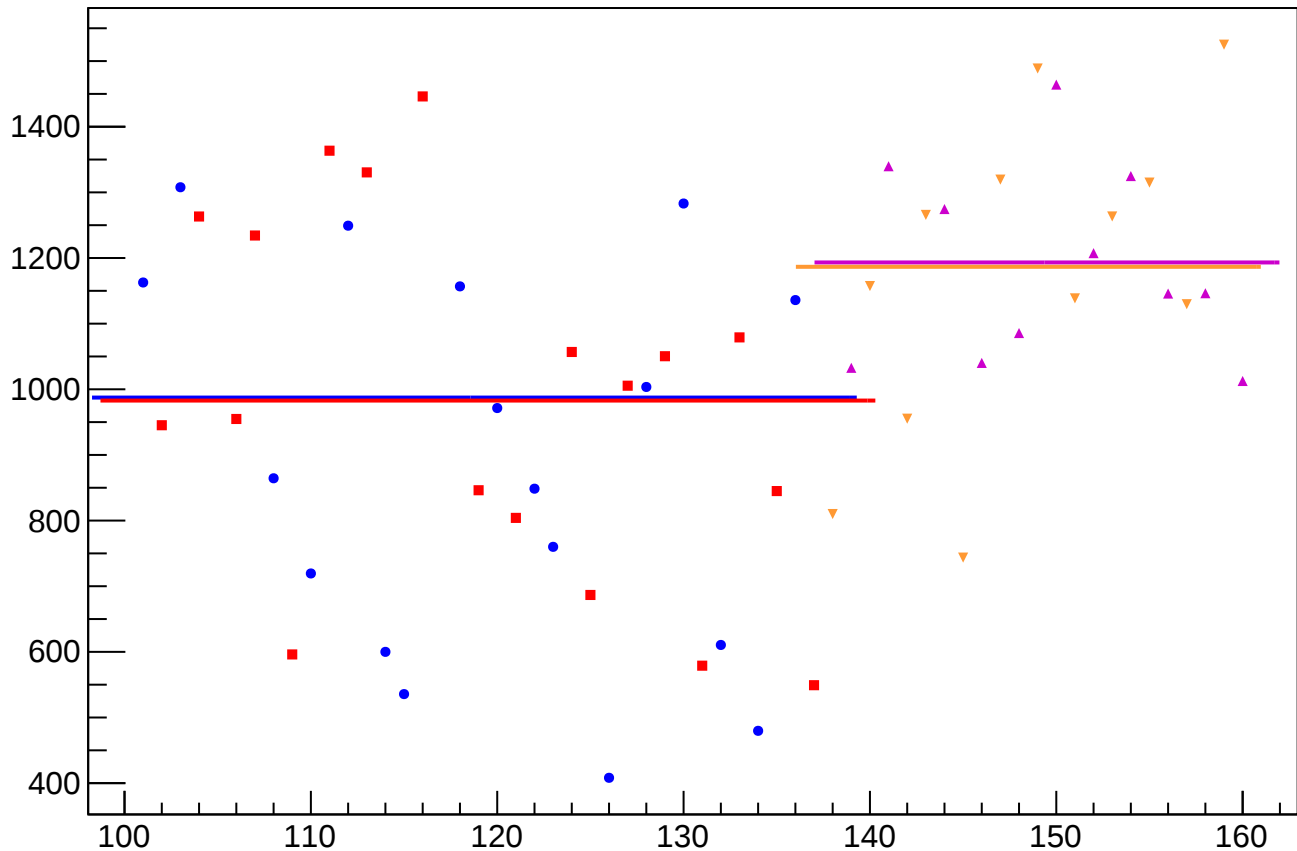
All: 671.500+/-0.000 χ^2/NDF : 25020556793

Right Out: 757.193+/-0.000 χ^2/NDF : 76794158982285513543711222288246374400.0/17

- sign 661.642+/-0.000 χ^2/NDF : 982358550641591

Left In: 588.417+/-0.000 χ^2/NDF : 9911176401969663265546101605651185664.0/10

dit_usr_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

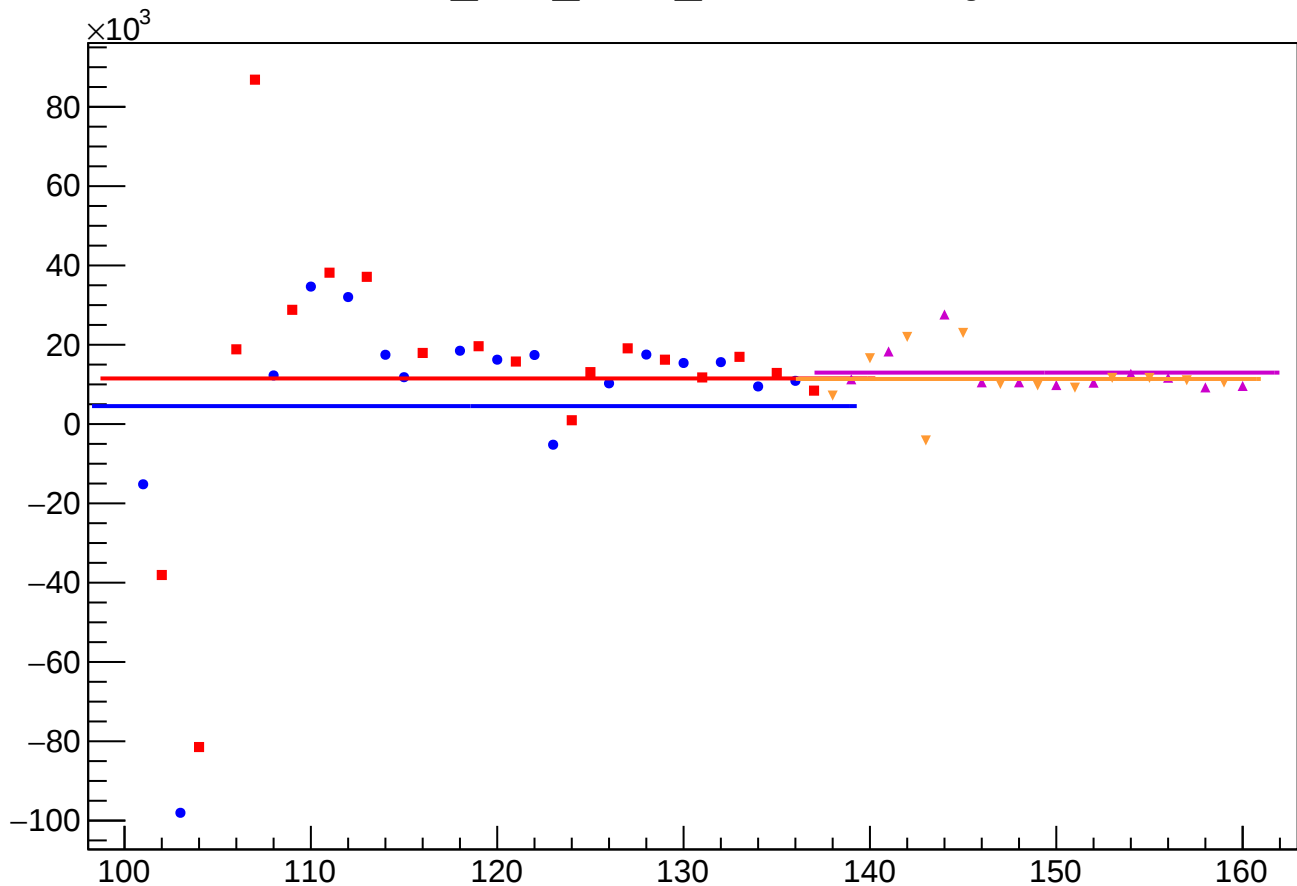
Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

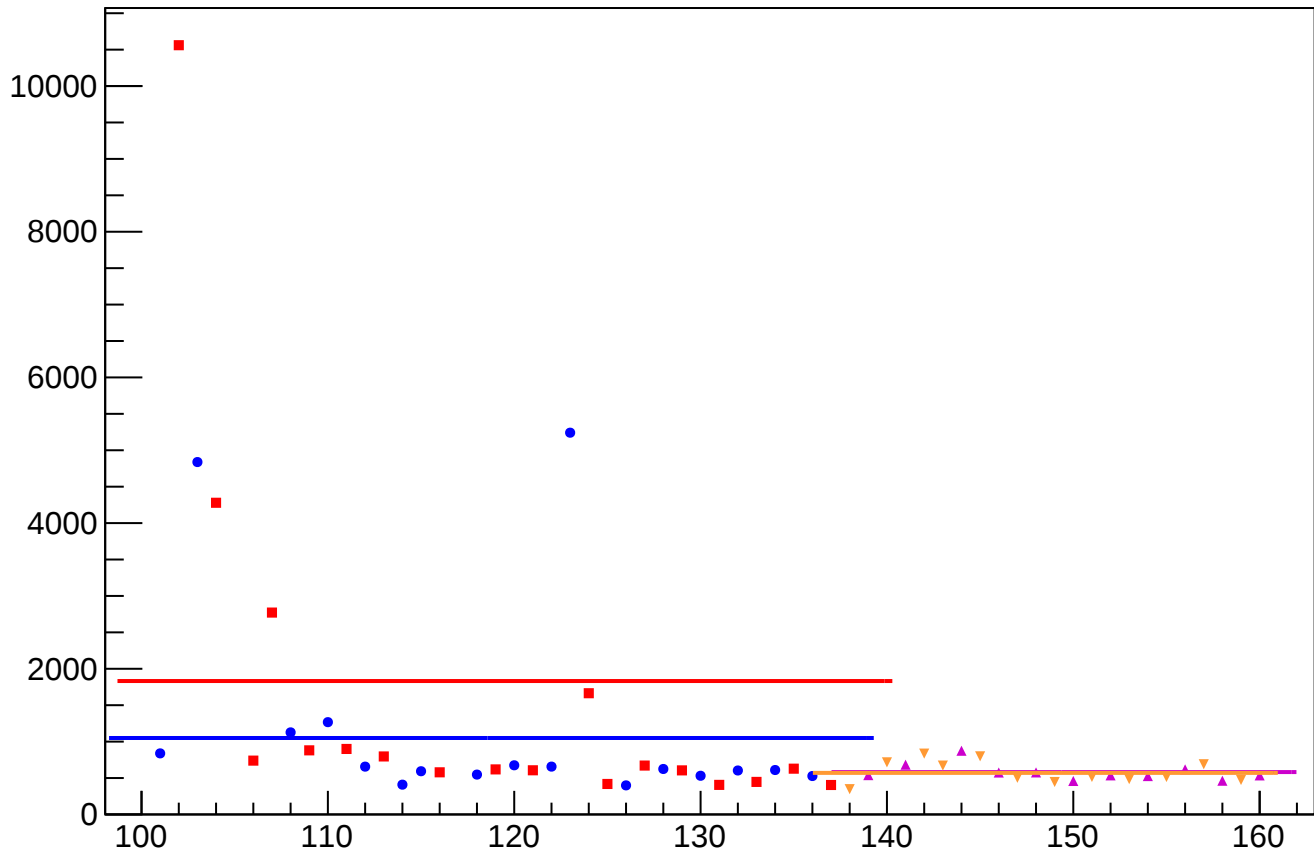
All: 1101.159+/-0.000 χ^2/NDF : 20269903253

dit_atl1_coil7_mean vs Slug



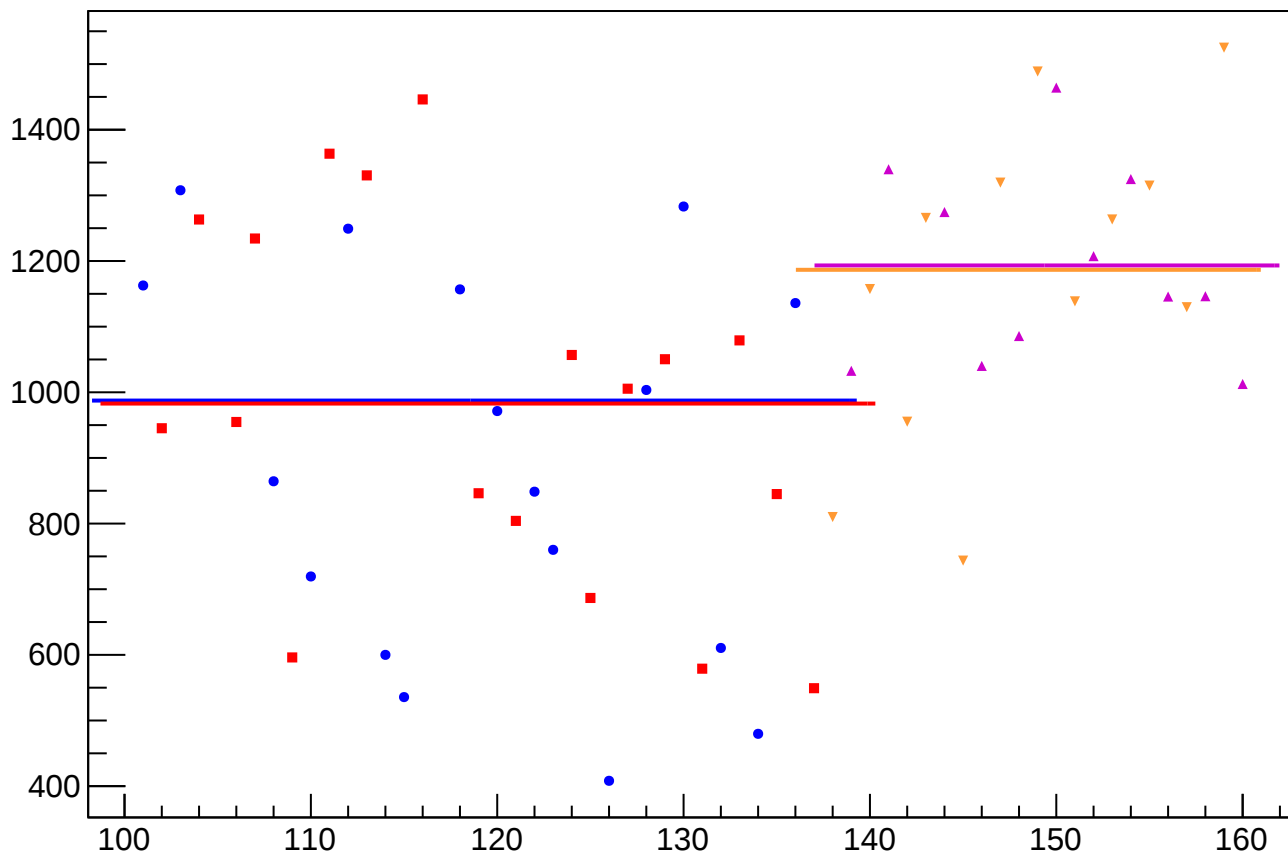
Right In: 4528.489 $\pm$ 0.000 χ^2 /NDF: 765984421186945141508299673026645807071232.0/16
 Left Out: 11369.972 $\pm$ 0.000 χ^2 /NDF: 36208718267646883298044880734212432330752.0/11
 Right Out: 11503.298 $\pm$ 0.000 χ^2 /NDF: 877839720750399952947204251622051720200192.0/17
 Left In: 12973.748 $\pm$ 0.000 χ^2 /NDF: 26423716846952217142475221393758111137792.0/10
 + sign 8408.032 $\pm$ 0.000 χ^2 /NDF: 82061316960143
 All: 10399.090 $\pm$ 0.000 χ^2 /NDF: 1738287913
 - sign 12335.780 $\pm$ 0.000 χ^2 /NDF: 9051386857681

dit_atl1_coil7_err_mean vs Slug



Right In: 1049.780+/-0.000 χ^2/NDF : 1038421858157169578640574748223478956032.0/16
 Left Out: 570.856+/-0.000 χ^2/NDF : 18128369827839480022049807034159726592.0/11
 Right Out: 1831.763+/-0.000 χ^2/NDF : 5560667897153995144780835972954558824448.0/17
 Left In: 581.939+/-0.000 χ^2/NDF : 11881601275531706993869358655522996224.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

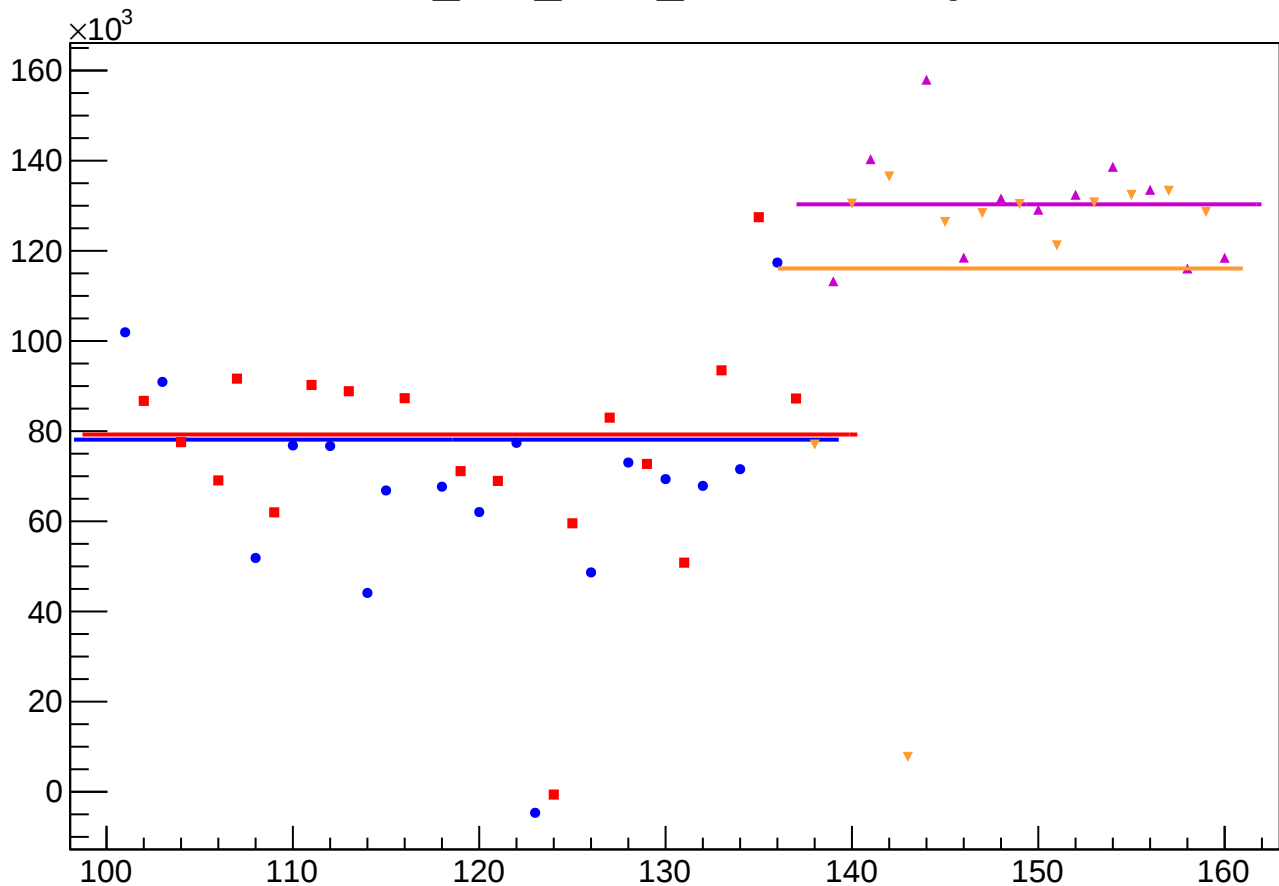
All: 1101.159+/-0.000 χ^2/NDF : 20269903253

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

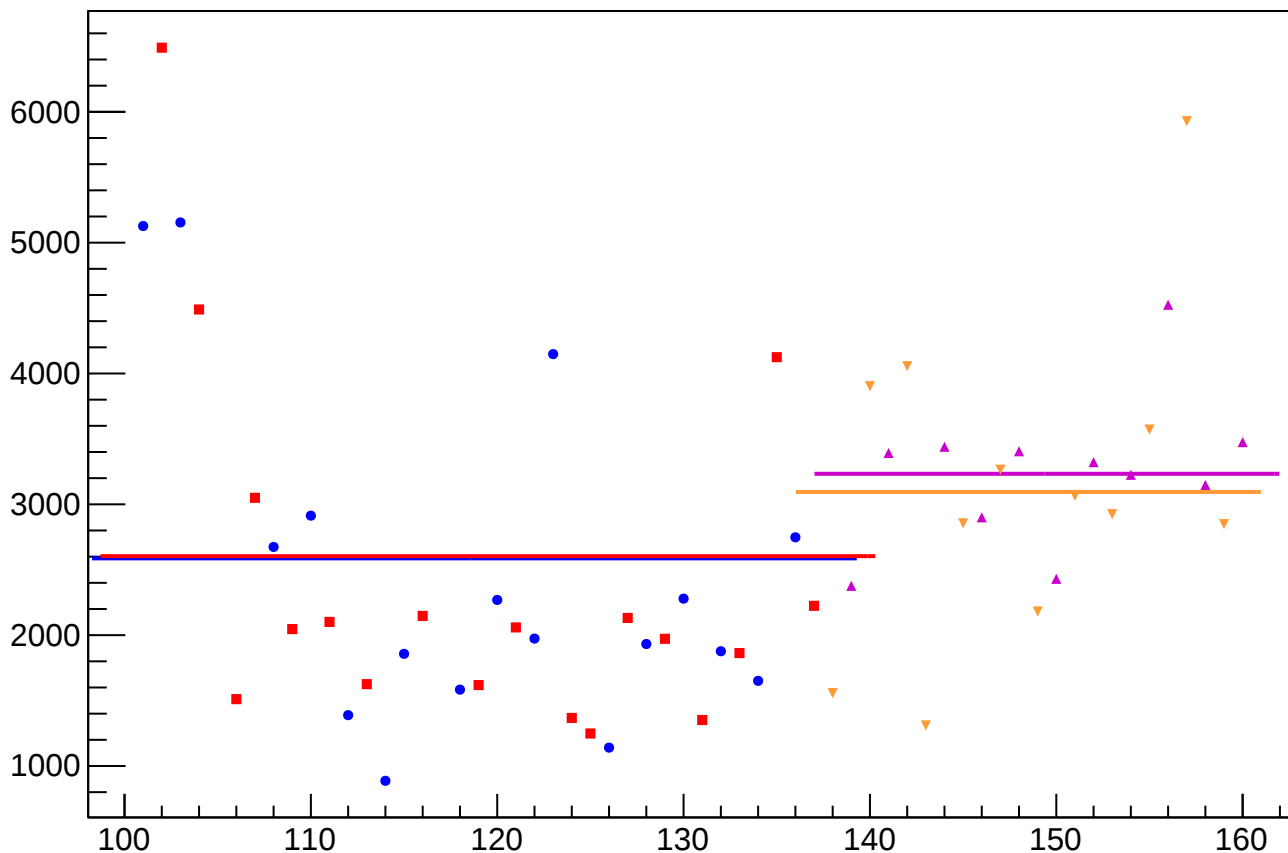
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

dit_atl2_coil7_mean vs Slug



Right In: 78120.227 $\pm$ 0.000 χ^2/NDF : 308820964030920149649775995002991312633856.0/16
 Left Out: 116083.925 $\pm$ 0.000 χ^2/NDF : 1055028859665678299066390828243571544424448.0/11
 Right Out: 79260.499 $\pm$ 0.000 χ^2/NDF : 303215964703866066986504542190112711114752.0/17
 Left In: 130317.995 $\pm$ 0.000 χ^2/NDF : 147443434358857033174111826688008821669888.0/10

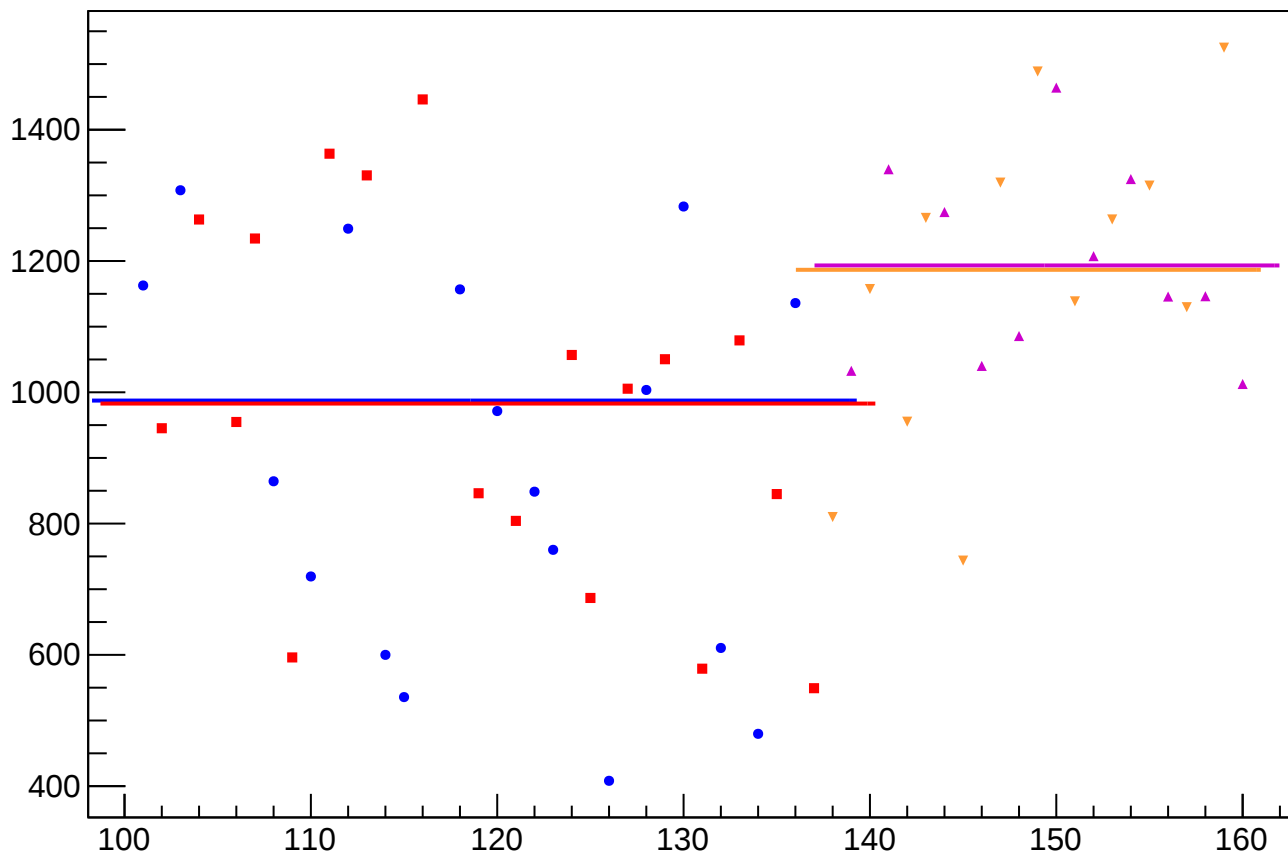
dit_atl2_coil7_err_mean vs Slug



Right In: 2586.924+/-0.000	χ^2/NDF : 1122415737488478857695553804598689923072.0/16
Left Out: 3094.875+/-0.000	χ^2/NDF : 1190700908263990863745595905660178923520.0/11
Right Out: 2603.762+/-0.000	χ^2/NDF : 1547340202870581842616287406625719844864.0/17
Left In: 3233.353+/-0.000	χ^2/NDF : 275364684617140508153597807706060619776.0/10

+ sign 2874.964+/-0.000 χ^2/NDF : 24146556642805
 All: 2918.171+/-0.000 χ^2/NDF : 44037166900
 - sign 2960.199+/-0.000 χ^2/NDF : 19831574544557

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

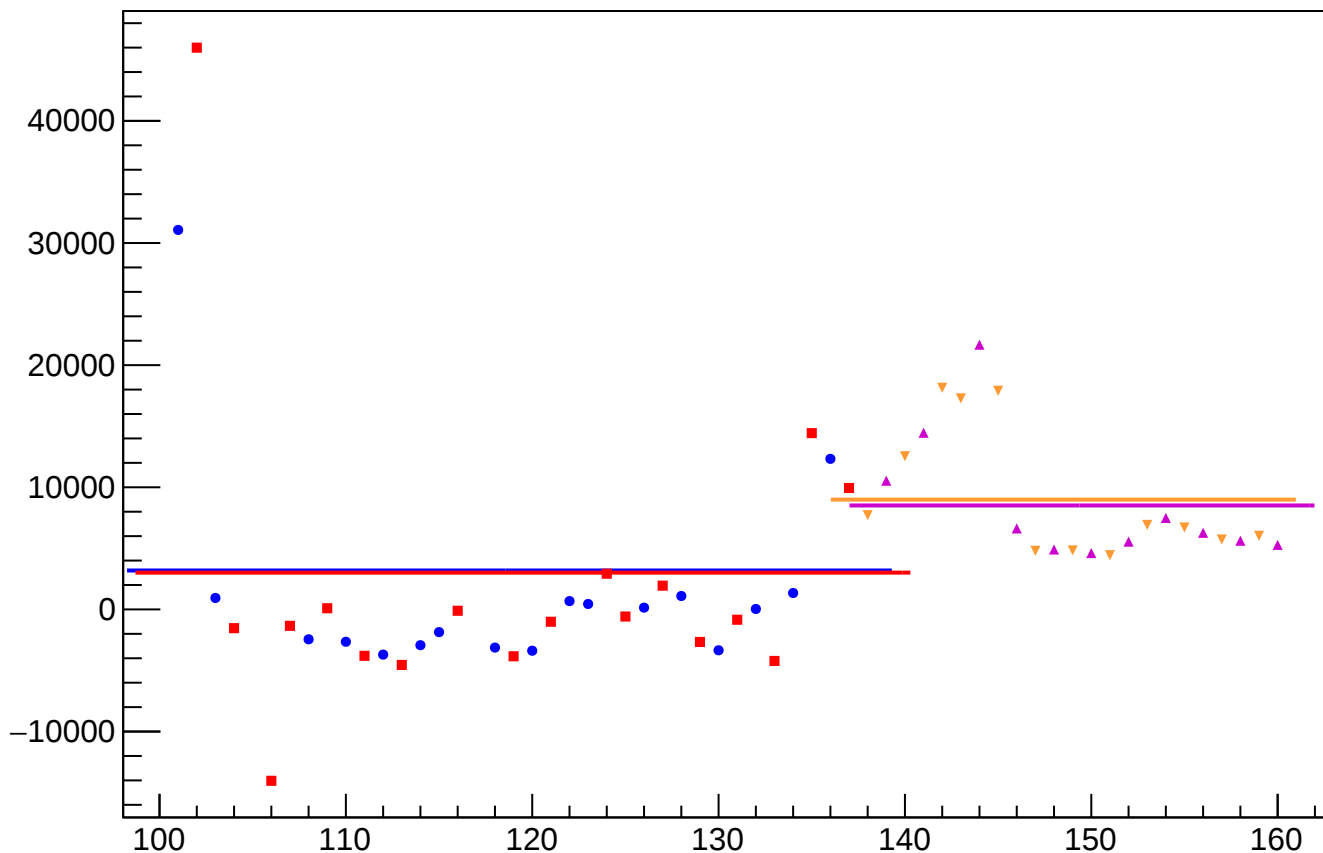
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

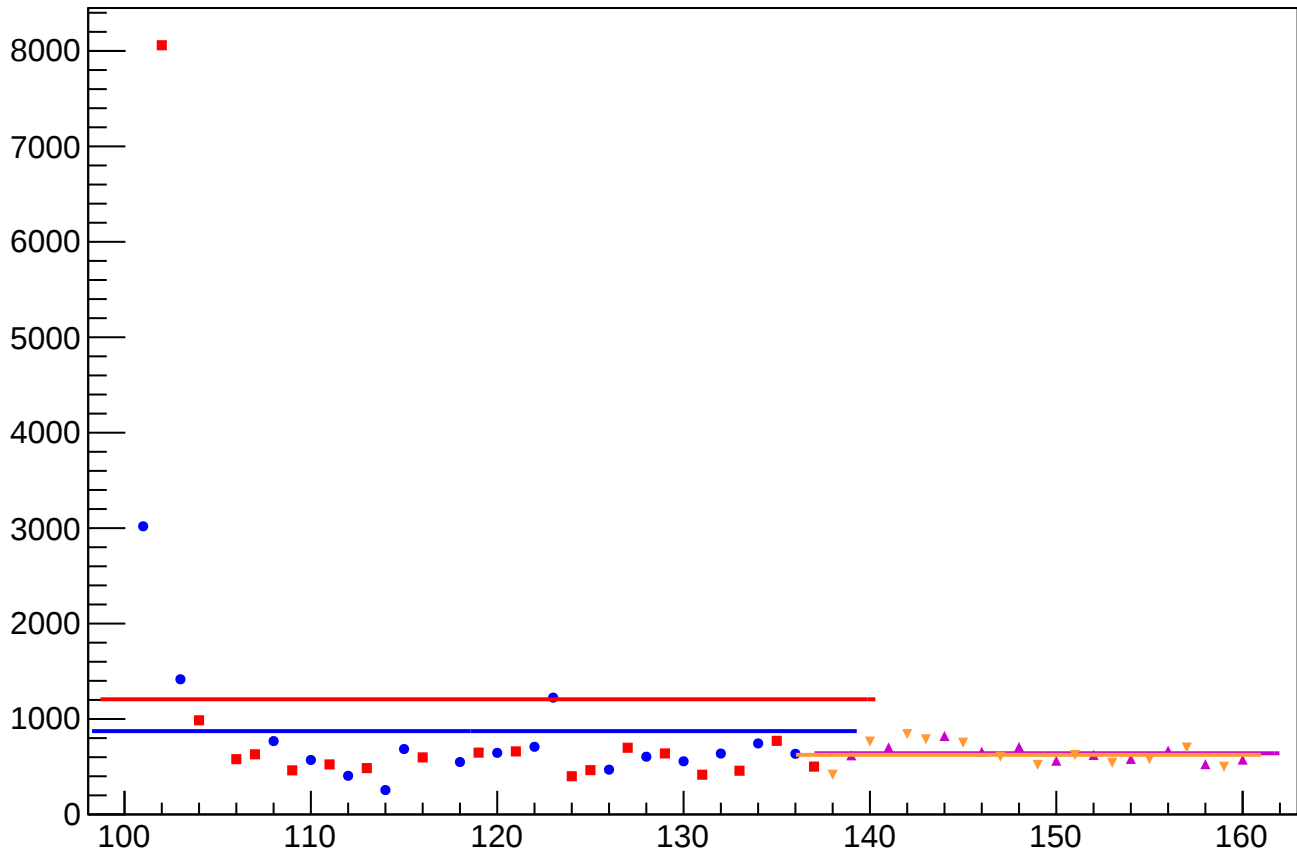
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_atr1_coil7_mean vs Slug



Right In: 3187.051+/-0.000 χ^2/NDF : 66270389171193911836791515591398561677312.0/16
 Left Out: 8990.897+/-0.000 χ^2/NDF : 22509101259112678607157462677691985559552.0/11
 Right Out: 3012.400+/-0.000 χ^2/NDF : 138157018088298657463529912150565226283008.0/17
 Left In: 8511.318+/-0.000 χ^2/NDF : 2433332735687390089977674929475300622336.0/10

dit_atr1_coil7_err_mean vs Slug



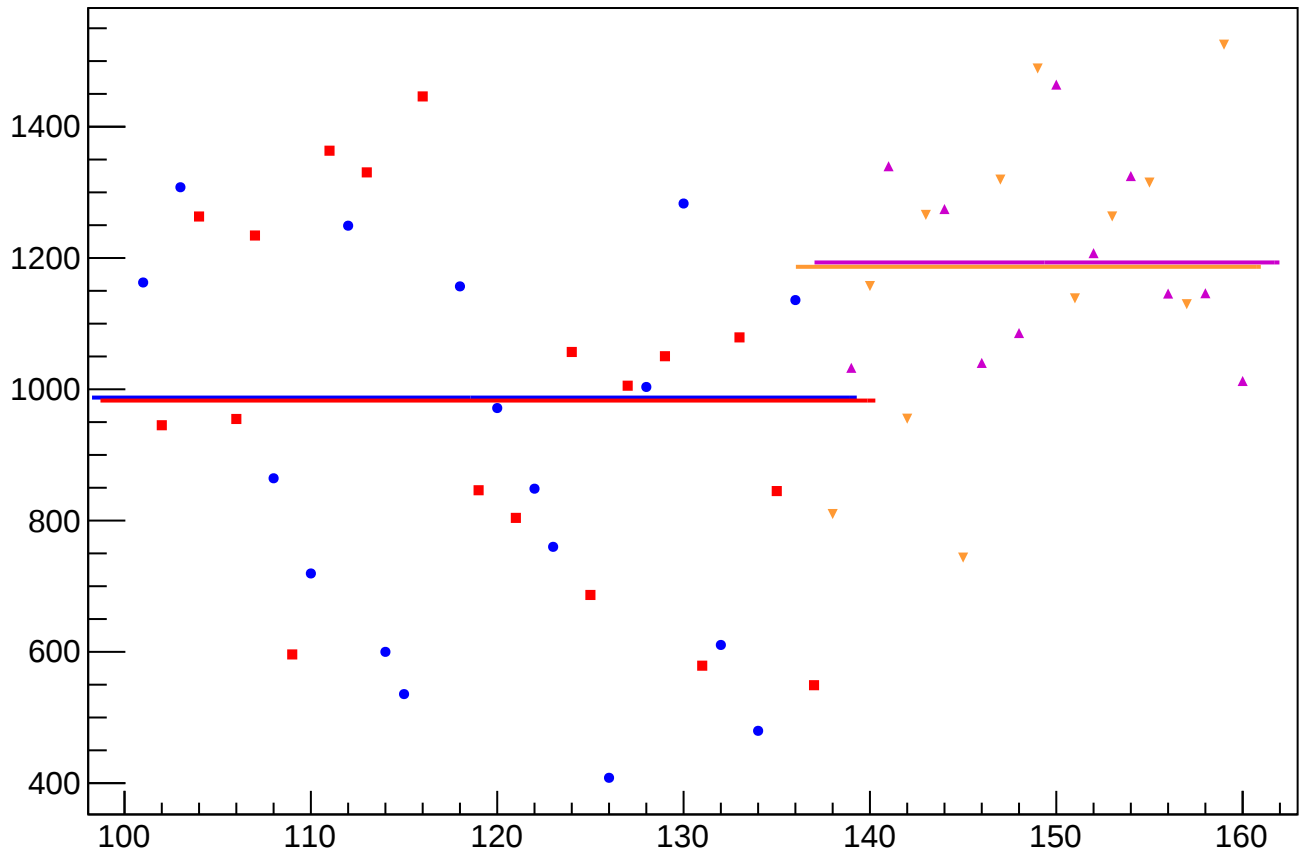
Right In: 873.306+/-0.000 χ^2/NDF : 340993590653355605867273192516364533760.0/16

Left Out: 624.813+/-0.000 χ^2/NDF : 13578620393793038879015873058055389184.0/11

Right Out: 1206.661+/-0.000 χ^2/NDF : 2979483538609797767268010500388070359040.0/17

Left In: 641.139+/-0.000 χ^2/NDF : 6049738878029636256926202611114180608.0/10

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

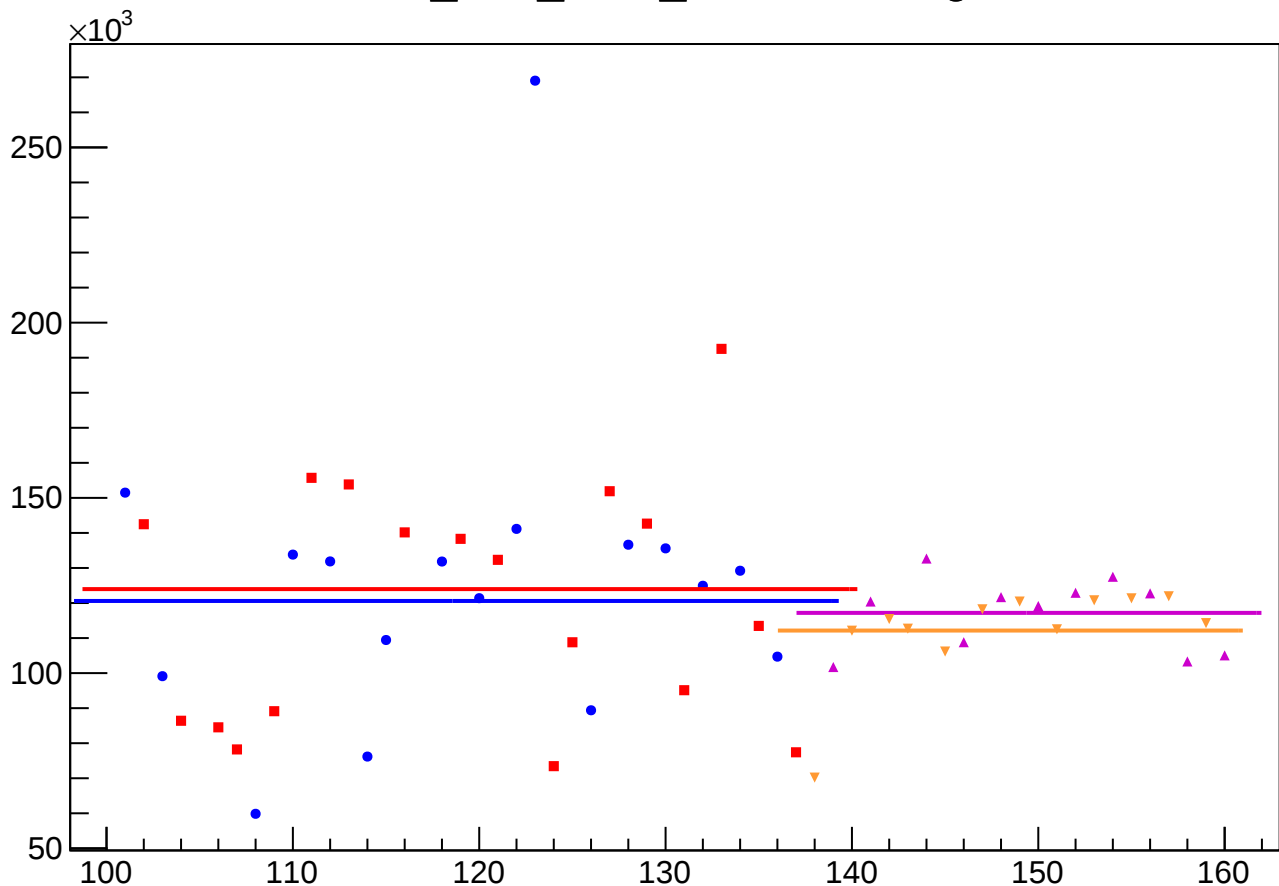
Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

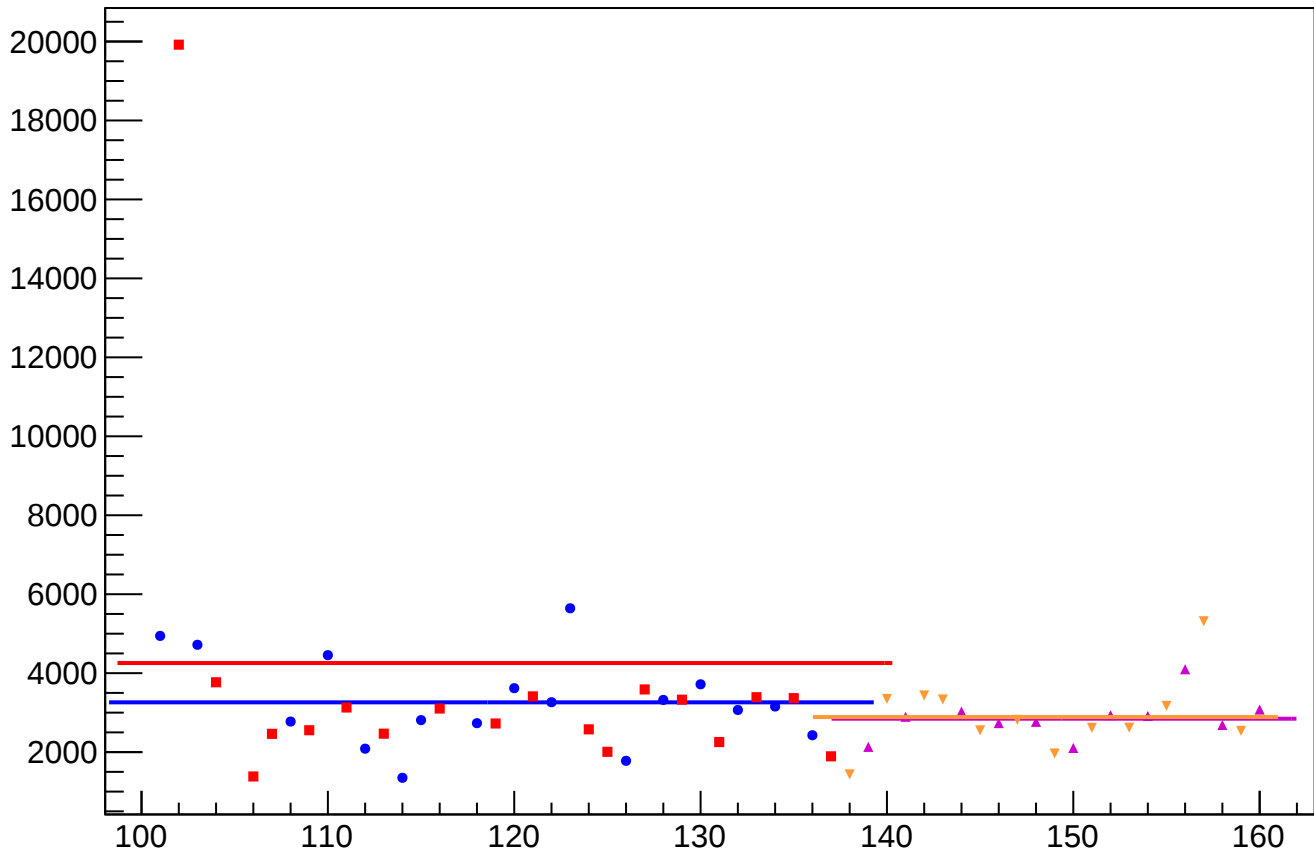
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_atr2_coil7_mean vs Slug



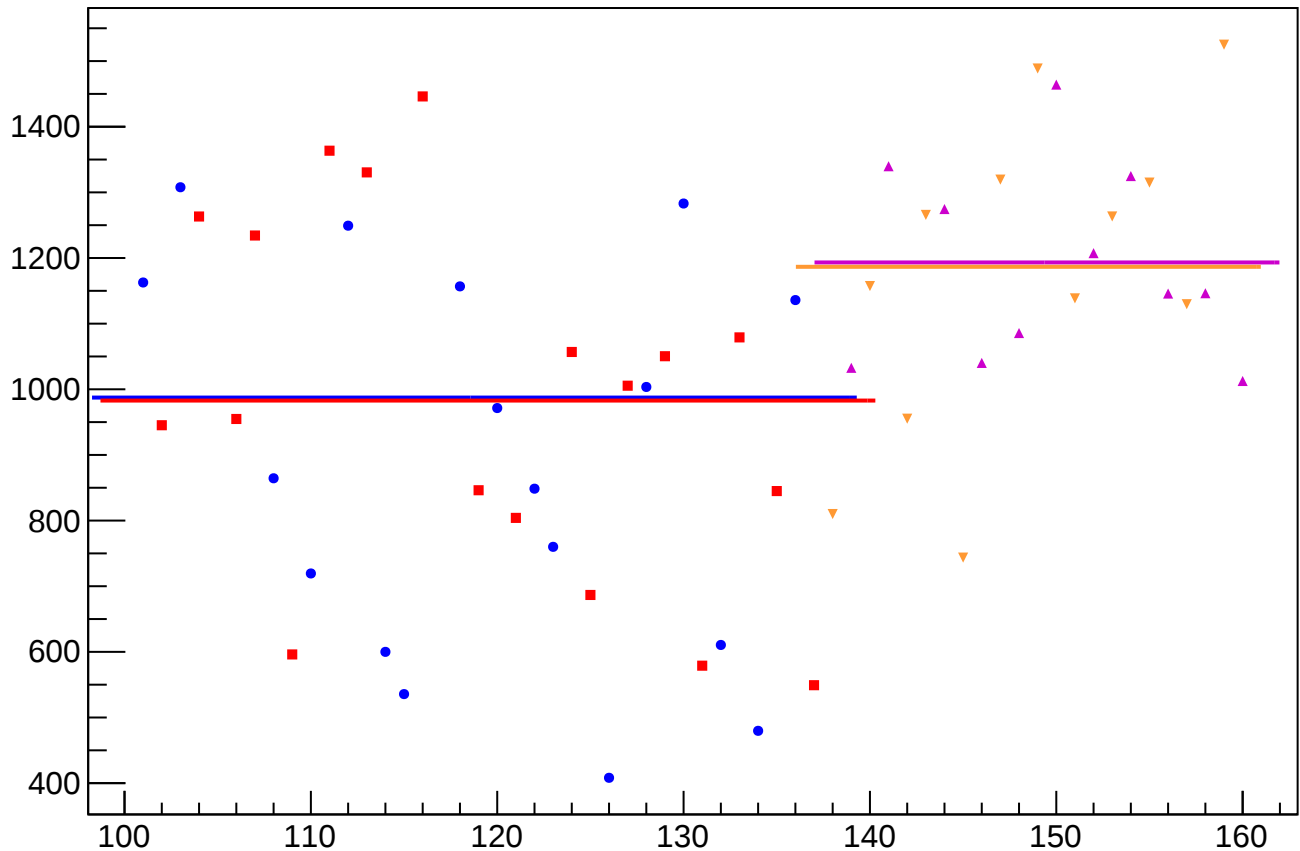
Right In: 120586.708 $\pm$ 0.000 χ^2 /NDF: 463702909226593065118055925390873188106240.0/16
 Left Out: 112145.166 $\pm$ 0.000 χ^2 /NDF: 169803943899249833628115478004203597594624.0/11
 Right Out: 123970.573 $\pm$ 0.000 χ^2 /NDF: 754871099831913254311543250015602251661312.0/17
 Left In: 117187.281 $\pm$ 0.000 χ^2 /NDF: 92050085463575690364904587071982548287488.0/10

dit_atr2_coil7_err_mean vs Slug



Right In: 3260.820 ± 0.000 χ^2/NDF : 672456168638567614426723356415113560064.0/16
 Left Out: 2888.367 ± 0.000 χ^2/NDF : 753668821958591987367767496119843553280.0/11
 Right Out: 4256.861 ± 0.000 χ^2/NDF : 15744364448860197338037677656678376407040.0/17
 Left In: 2846.533 ± 0.000 χ^2/NDF : 228998195535204617287883903315551977472.0/10

dit_atr2_coil7_Ndata_mean vs Slug



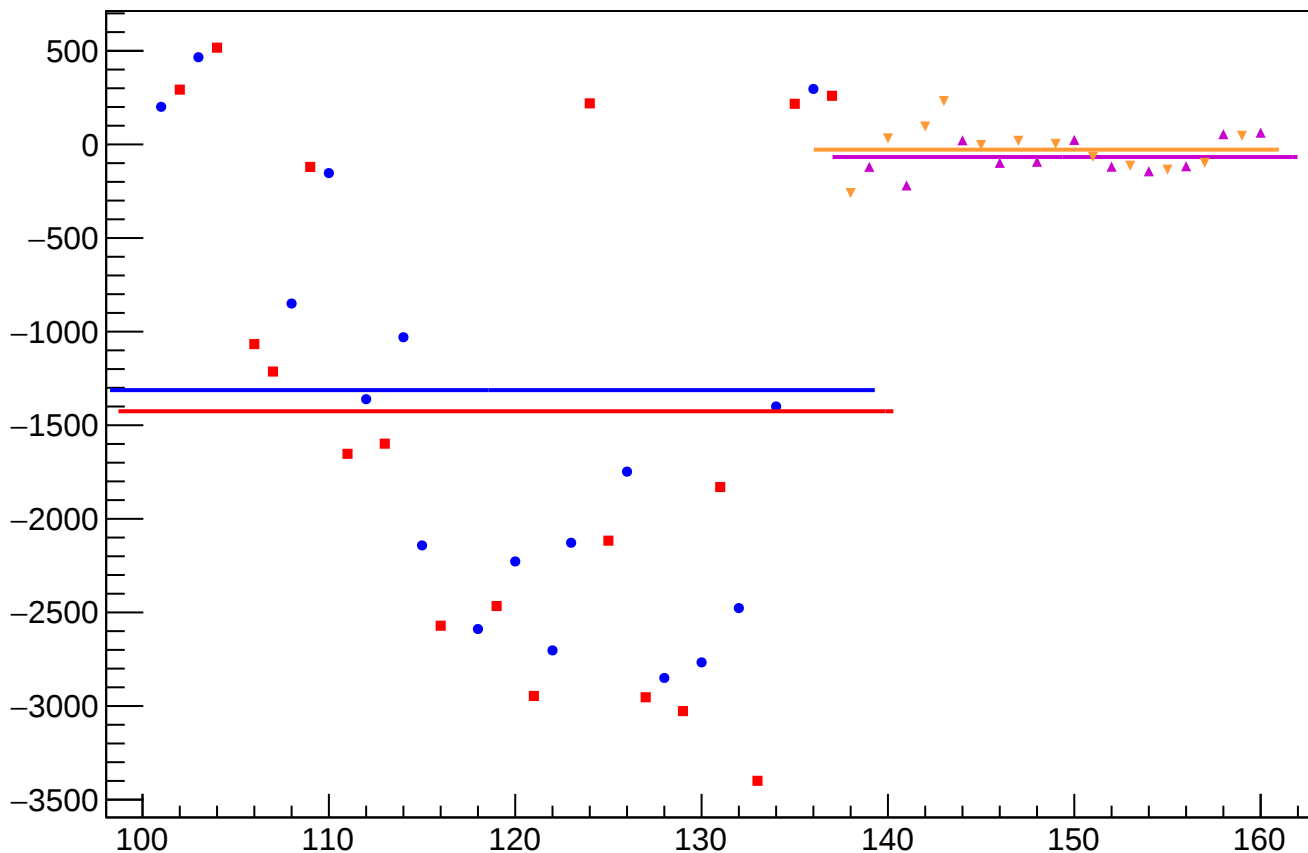
Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1312.539 ± 0.000 χ^2/NDF : 1111791822009253468495433607153226612736.0/16

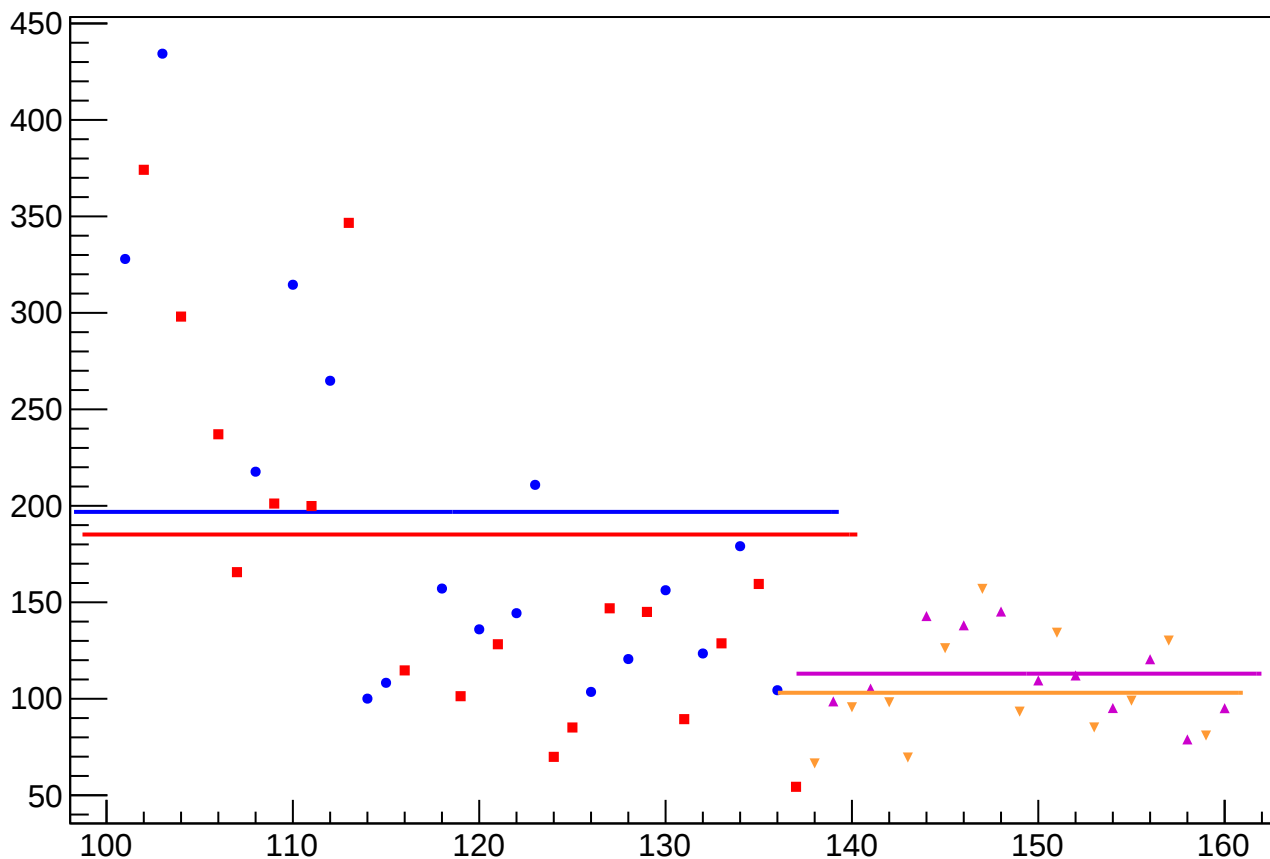
+ sign -584.068 ± 0.000 χ^2/NDF : 17736962722786
Left Out: -27.898 ± 0.000 χ^2/NDF : 12443192627710109481350397021099393024.0/11

All: -620.791 ± 0.000 χ^2/NDF : 37915549619

Right Out: -1425.319 ± 0.000 χ^2/NDF : 1259772432394270570555753847649915109376.0/17

- sign -656.511 ± 0.000 χ^2/NDF : 201359414612914
Left In: -67.340 ± 0.000 χ^2/NDF : 7344542288743460655103542950920978432.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 196.858+/-0.000 χ^2/NDF : 7337666778319090402870822115647422464.0/16

Left Out: 103.111+/-0.000 χ^2/NDF : 658393761495499558426534507754553344.0/11

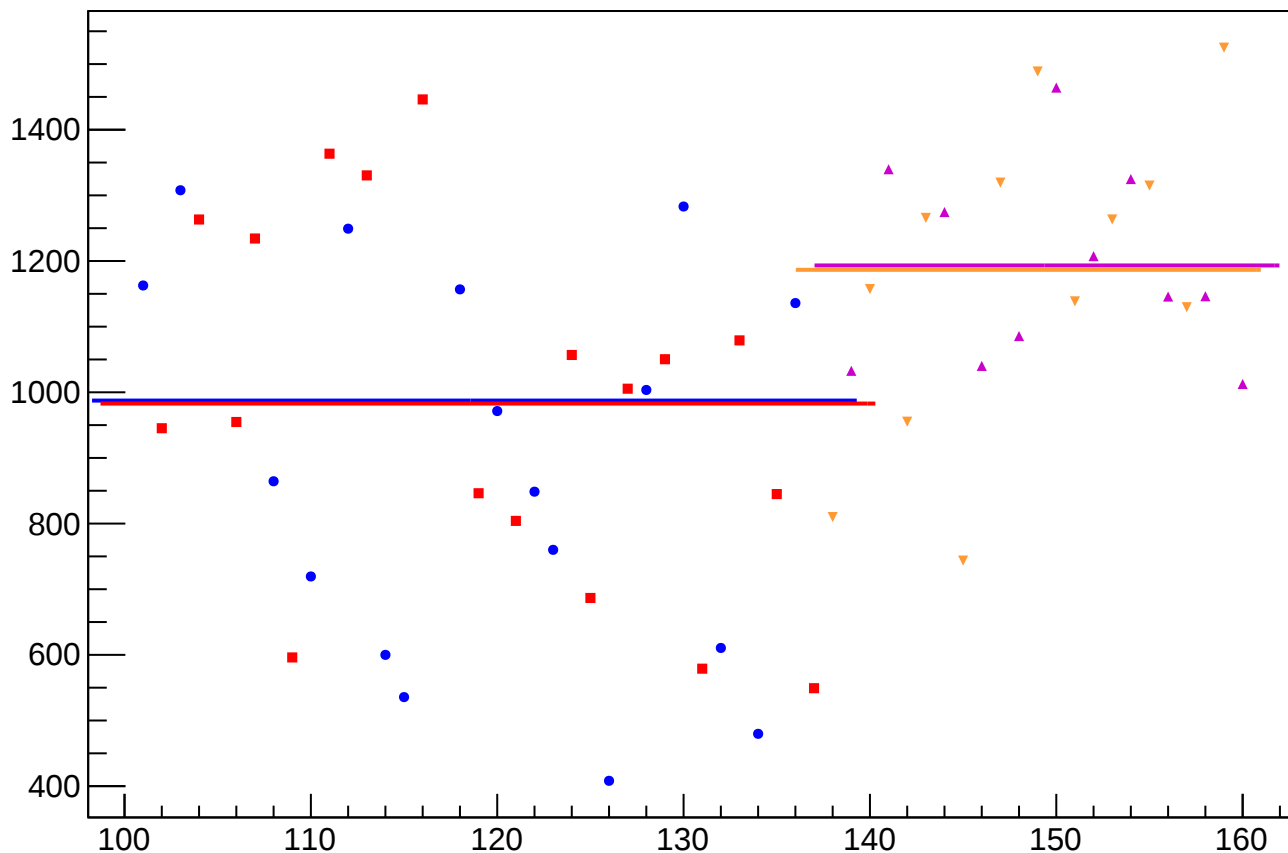
Right Out: 185.135+/-0.000 χ^2/NDF : 6160706554997434160213032977968398336.0/17

Left In: 113.009+/-0.000 χ^2/NDF : 394825243882053718517351386298974208.0/10

All: 144.004+/-0.000 χ^2/NDF : 201163236509

- sign 144.302+/-0.000 χ^2/NDF : 866133834293192

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

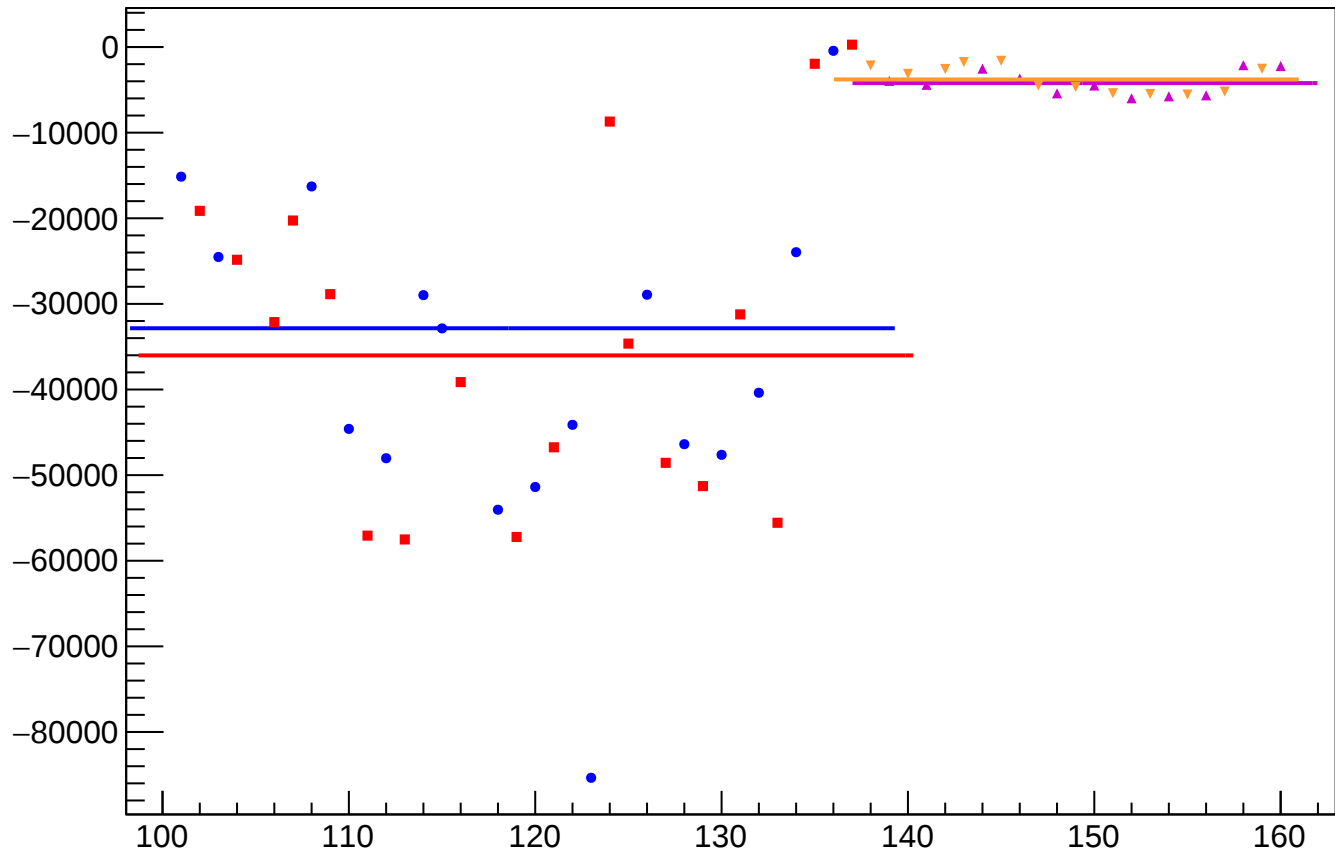
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

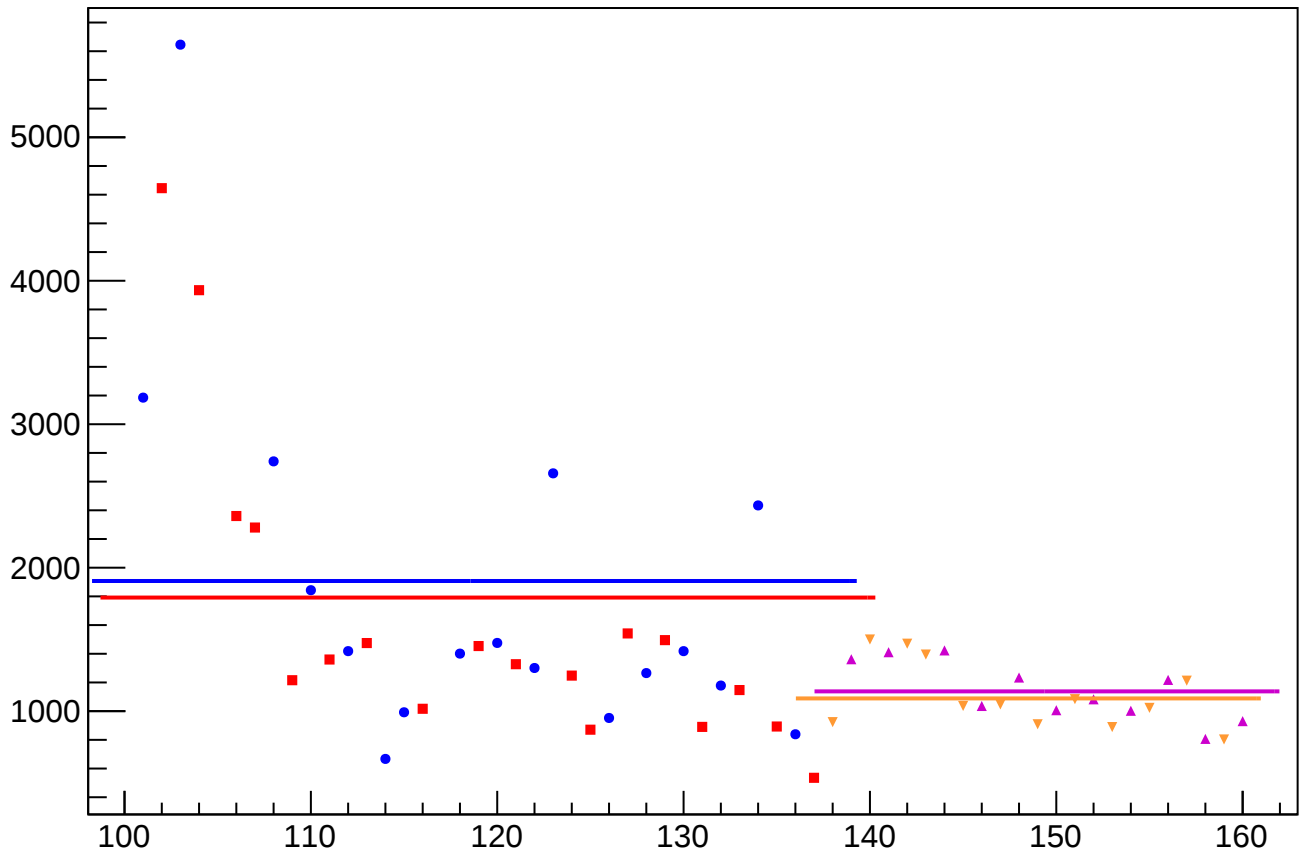
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam2_coil7_mean vs Slug



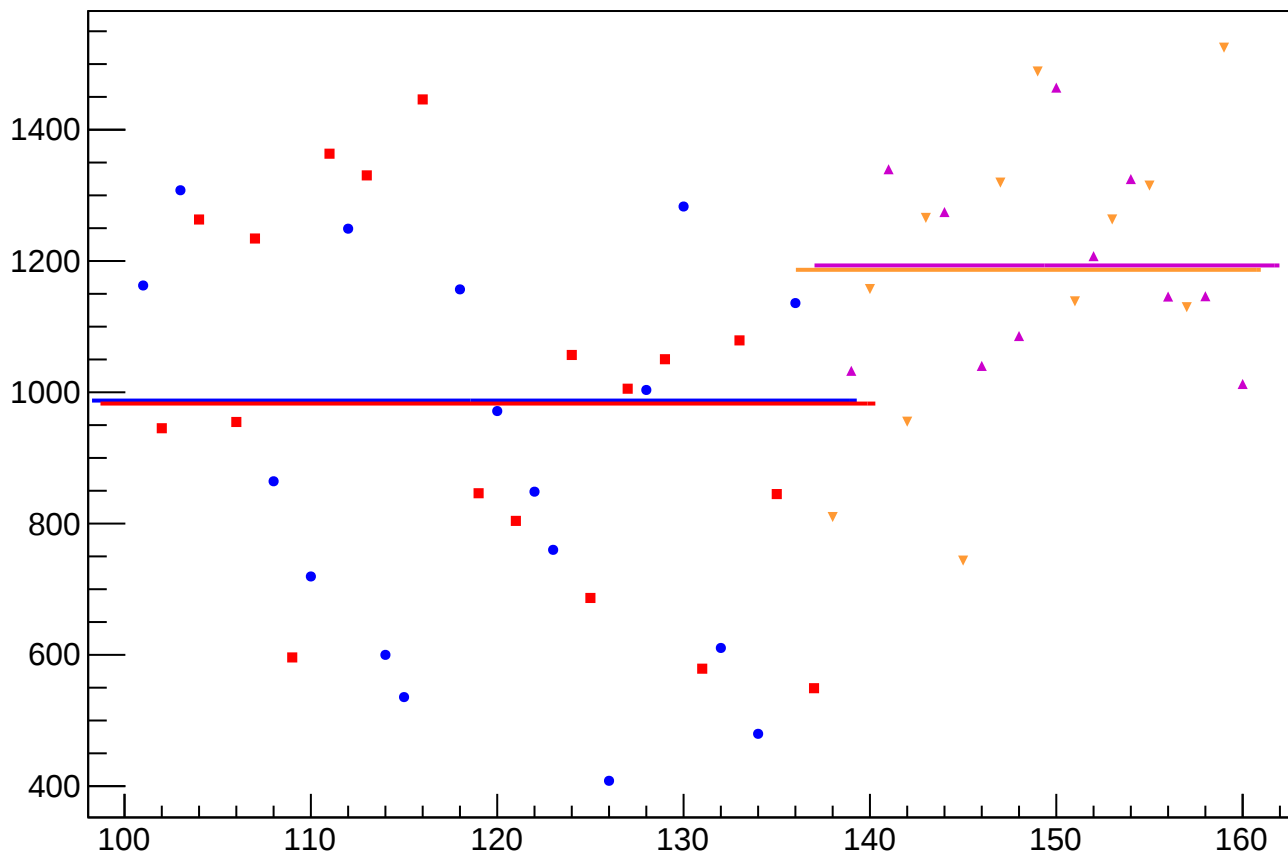
Right In: -32846.038 ± 0.000 $\chi^2/\text{NDF}: 219637368732777746312600570455176987541504.0/16$
 Left Out: -3785.473 ± 0.000 $\chi^2/\text{NDF}: 2024140029118734707580792113032155103232.0/11$
 Right Out: -36017.918 ± 0.000 $\chi^2/\text{NDF}: 228867649175680979480074989628486510968832.0/17$
 Left In: -4210.293 ± 0.000 $\chi^2/\text{NDF}: 1745128048653719102038328653644061212672.0/10$

dit_sam2_coil7_err_mean vs Slug



Right In: 1907.271+/-0.000 χ^2/NDF : 1224904405299911350916968067746563620864.0/16
 Left Out: 1088.725+/-0.000 χ^2/NDF : 43426775502308875672481877774003339264.0/11
 Right Out: 1791.825+/-0.000 χ^2/NDF : 941640864566938486349149292441762791424.0/17
 Left In: 1137.882+/-0.000 χ^2/NDF : 35720611822327029625984911153333010432.0/10

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

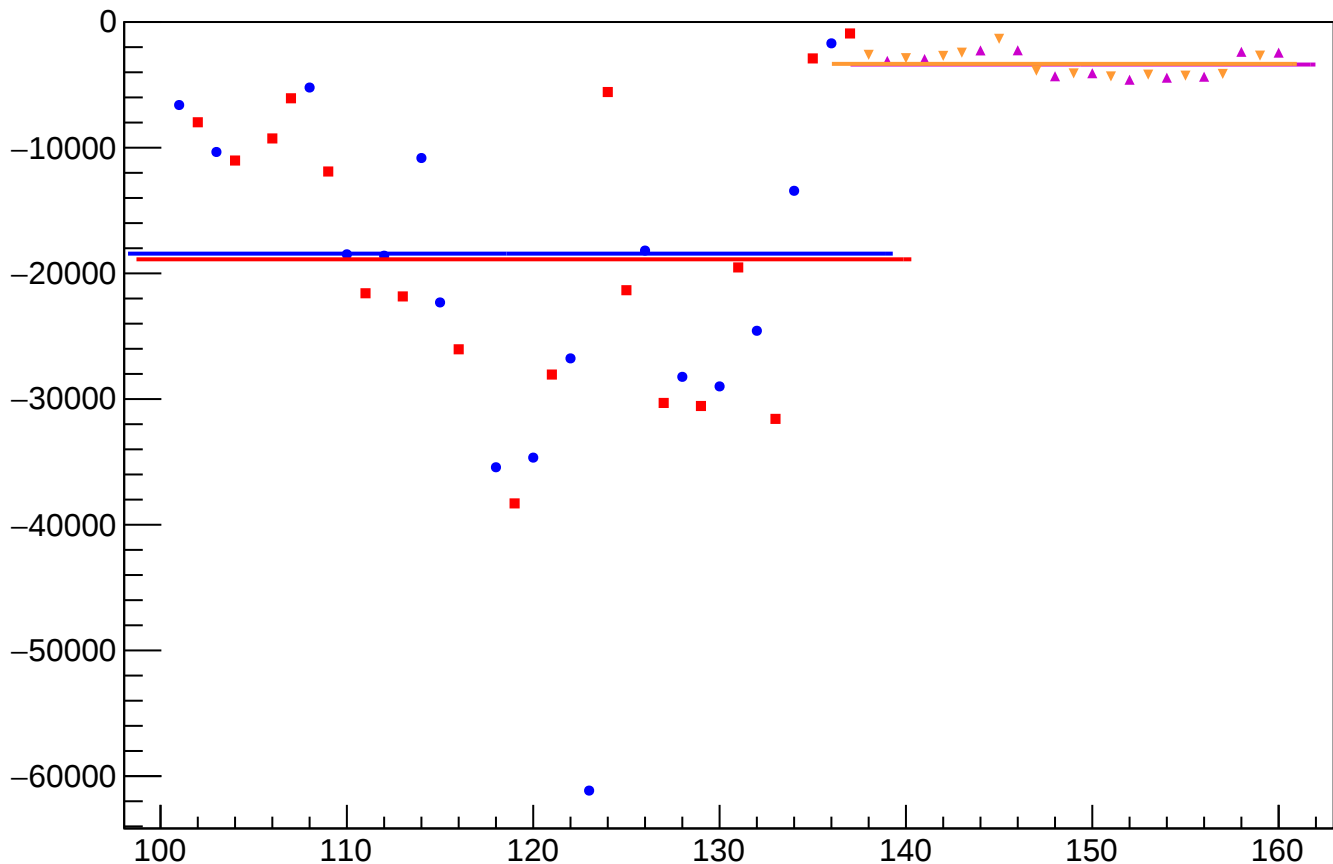
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_sam3_coil7_mean vs Slug



Right In: -18428.768+/-0.000 χ^2/NDF : 91790167940984507561863911678204862005248.0/16

Left Out: -3330.218+/-0.000 χ^2/NDF : 801638931401536809328175362972460253184.0/11

Right Out: -18880.571+/-0.000 χ^2/NDF : 85627666736634579824962235279591398703104.0/17

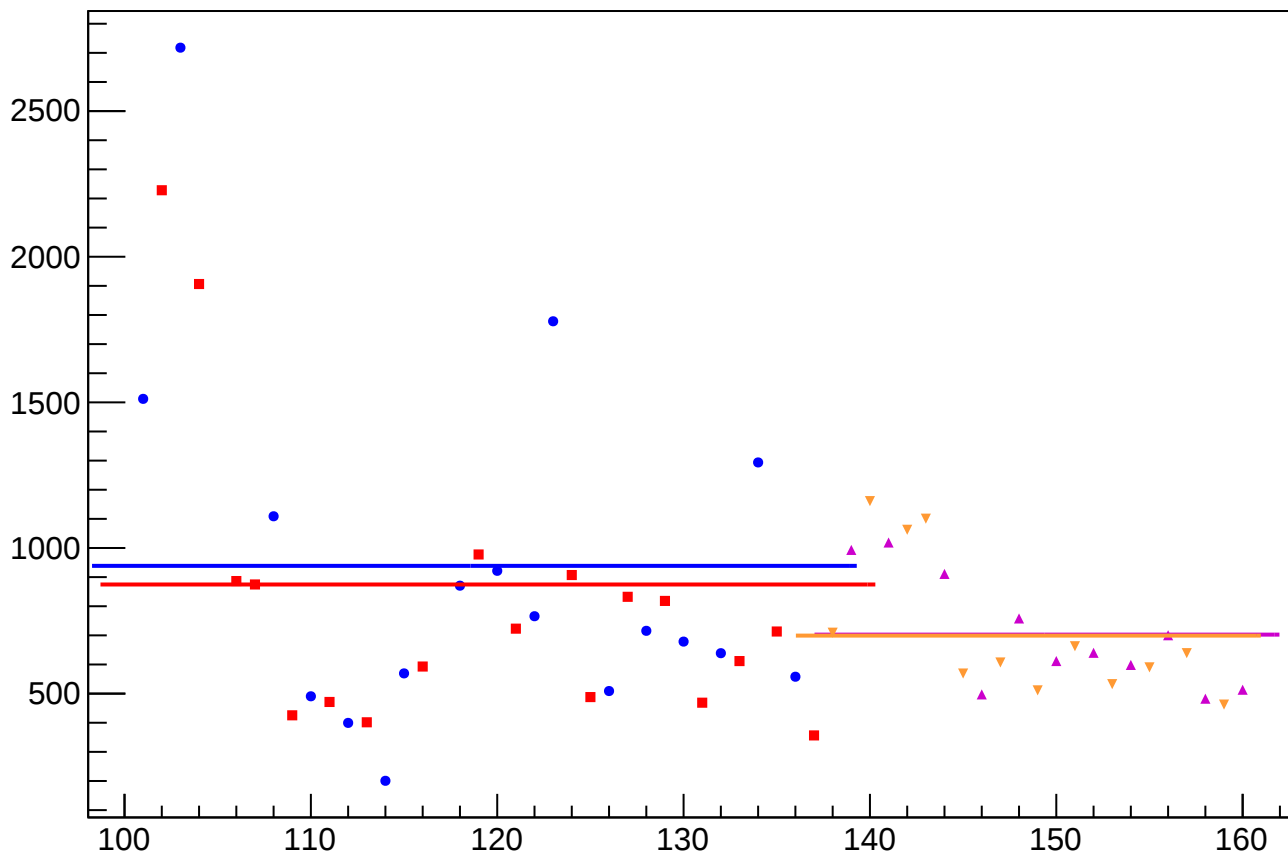
Left In: -3383.309+/-0.000 χ^2/NDF : 816279200160971630569460981745055694848.0/10

+ sign -9866.958+/-0.000 χ^2/NDF : 1823058279911

All: -9988.609+/-0.000 χ^2/NDF : 3660131831

- sign -10106.939+/-0.000 χ^2/NDF : 1836605571532

dit_sam3_coil7_err_mean vs Slug



Right In: 938.658+/-0.000 χ^2/NDF : 274123287156186942430302567816841134080.0/16

Left Out: 699.181+/-0.000 χ^2/NDF : 47485076871287899089179265063714816000.0/11

Right Out: 874.671+/-0.000 χ^2/NDF : 212705560210060381413787152265269739520.0/17

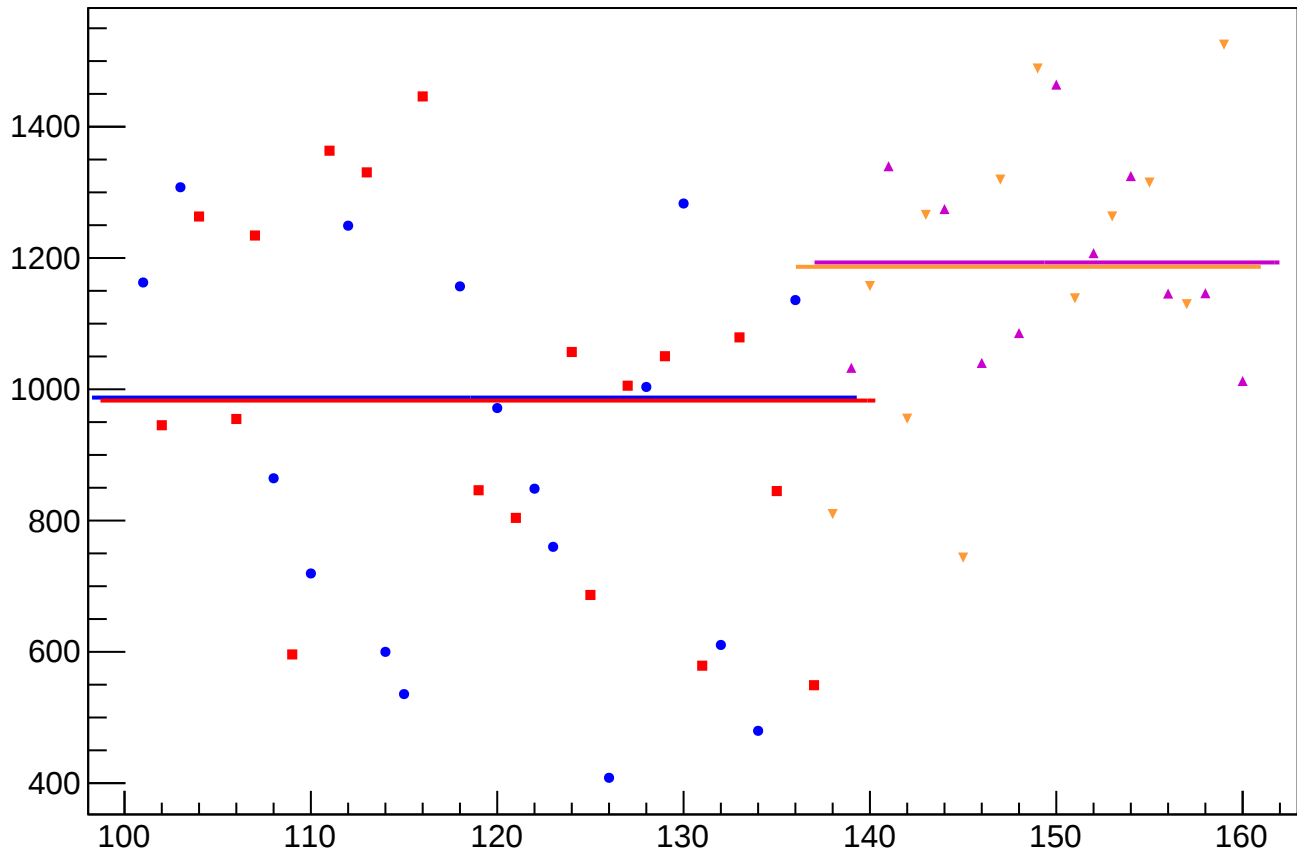
Left In: 702.545+/-0.000 χ^2/NDF : 31919745309700759426030449402090356736.0/10

+ sign 802.860+/-0.000 χ^2/NDF : 344177515129287

All: 789.864+/-0.000 χ^2/NDF : 601329698427

- sign 777.223+/-0.000 χ^2/NDF : 256618133960327

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

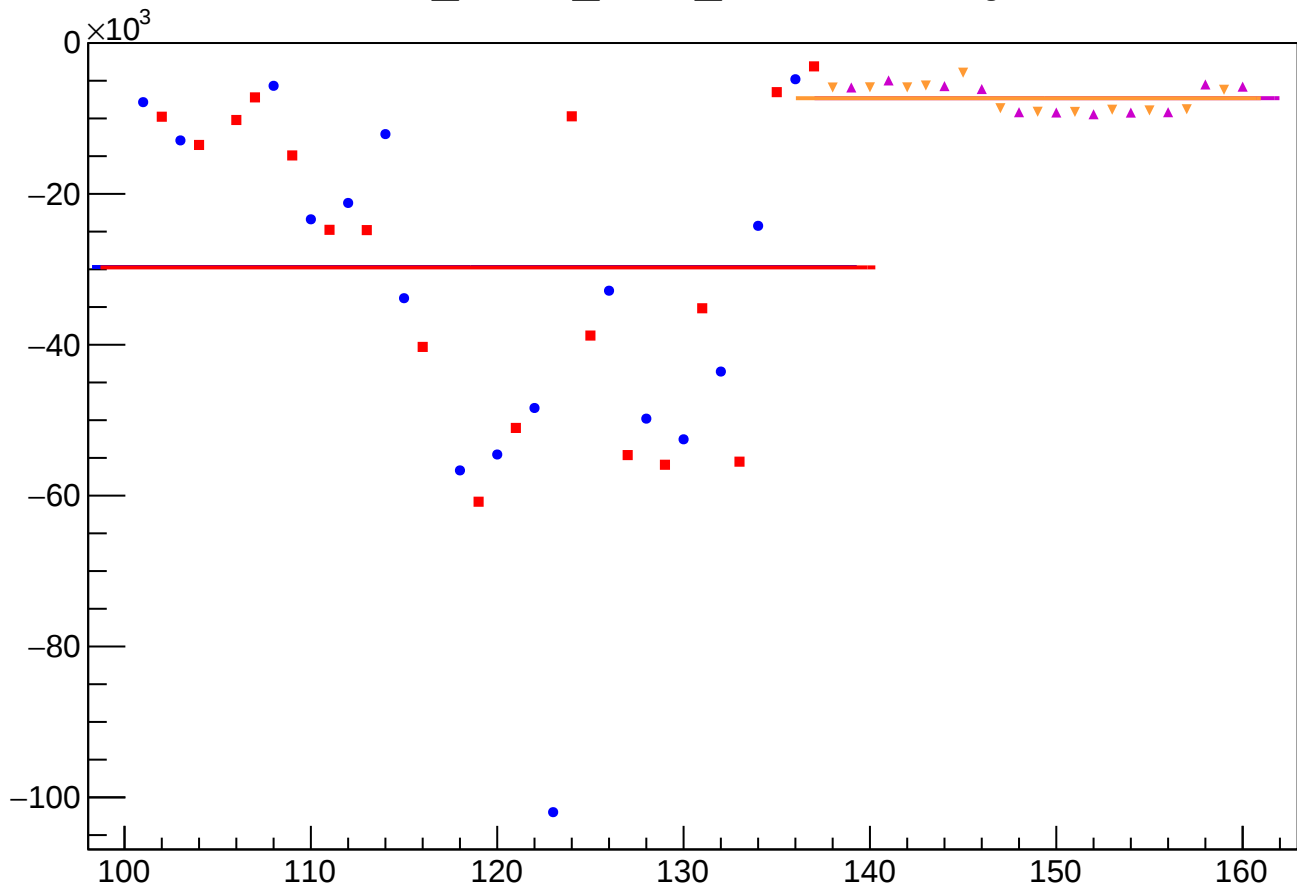
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

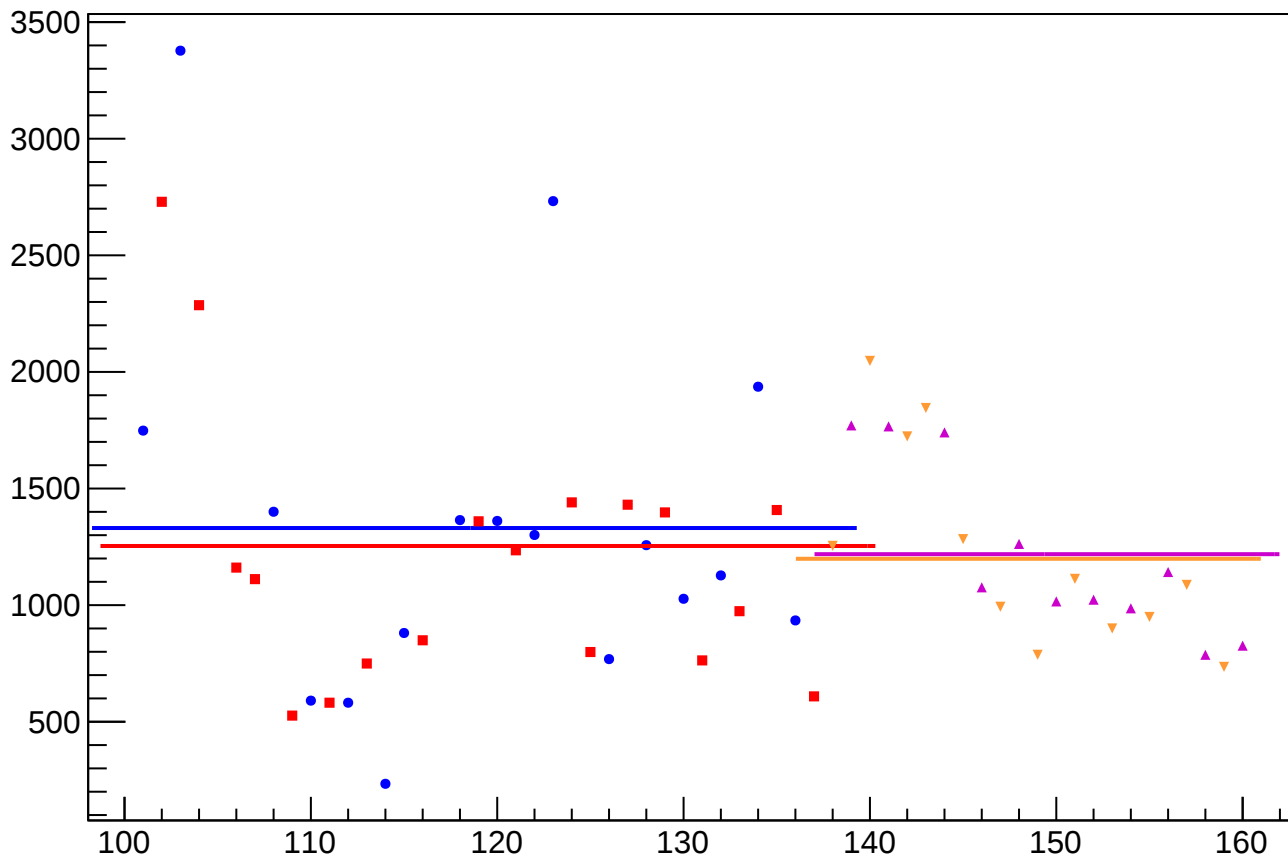
dit_sam4_coil7_mean vs Slug



Right In: -29694.846 ± 0.000 χ^2/NDF : 282999478252028644685471433230520510578688.0/16
 Left Out: -7317.919 ± 0.000 χ^2/NDF : 2833730252125360195766219580881057611776.0/11
 Right Out: -29744.384 ± 0.000 χ^2/NDF : 283667805670372144788905534129497910018048.0/17
 Left In: -7312.611 ± 0.000 χ^2/NDF : 3060303804070457713816420667232681459712.0/10

+ sign -17005.747 ± 0.000 χ^2/NDF : 482889699815
 All: -17025.565 ± 0.000 χ^2/NDF : 973303423
 - sign -17044.843 ± 0.000 χ^2/NDF : 4904124813055

dit_sam4_coil7_err_mean vs Slug



Right In: 1330.668 $\pm$ 0.000 χ^2 /NDF: 371034150705348959312326123153556242432.0/16

Left Out: 1198.833 $\pm$ 0.000 χ^2 /NDF: 149280196072306589418447697644691128320.0/11

Right Out: 1253.657 $\pm$ 0.000 χ^2 /NDF: 276351047411985398179849131600767877120.0/17

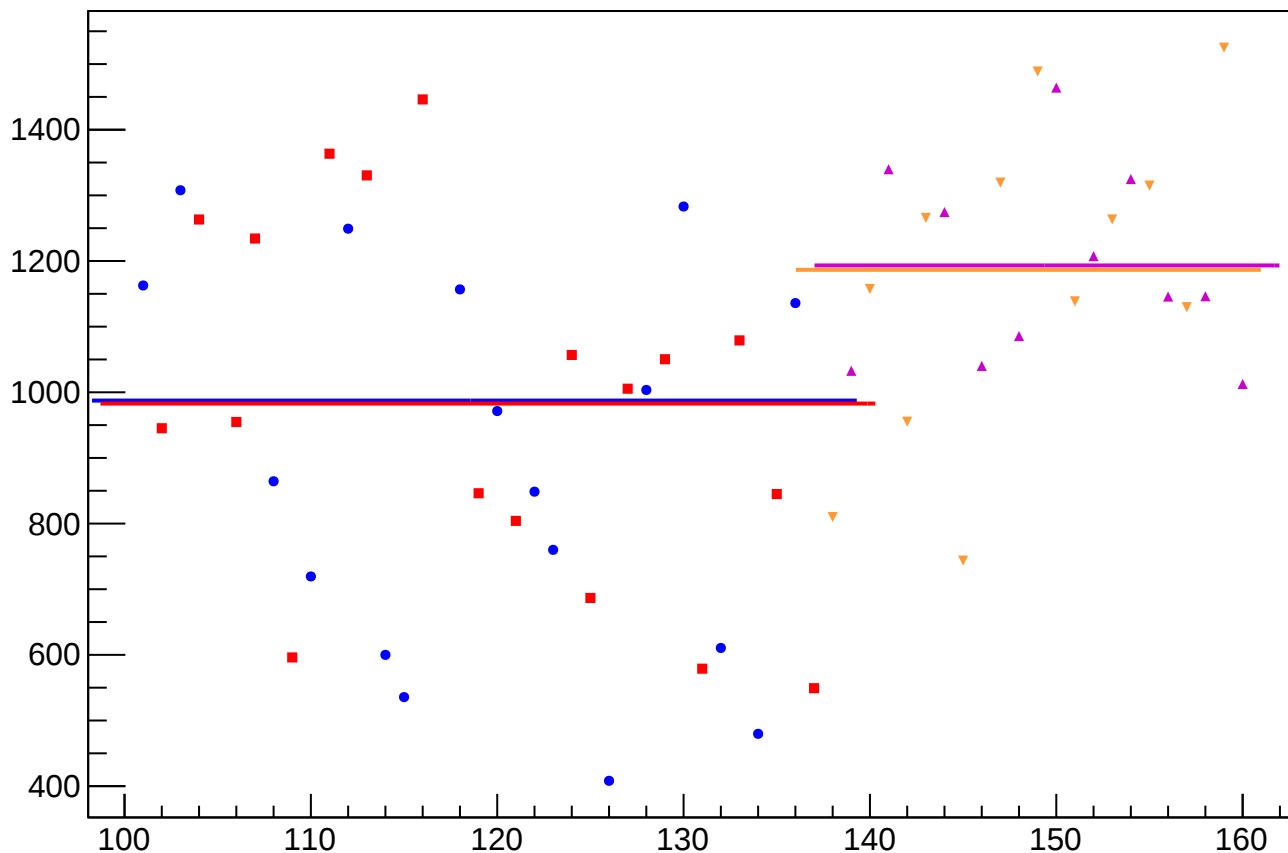
Left In: 1218.551 $\pm$ 0.000 χ^2 /NDF: 116488756058911306830868466308868997120.0/10

+ sign 1255.910 $\pm$ 0.000 χ^2 /NDF: 52715430621257

All: 1244.692 $\pm$ 0.000 χ^2 /NDF: 92089086990

- sign 1233.782 $\pm$ 0.000 χ^2 /NDF: 39333868628059

dit_sam4_coil7_Ndata_mean vs Slug



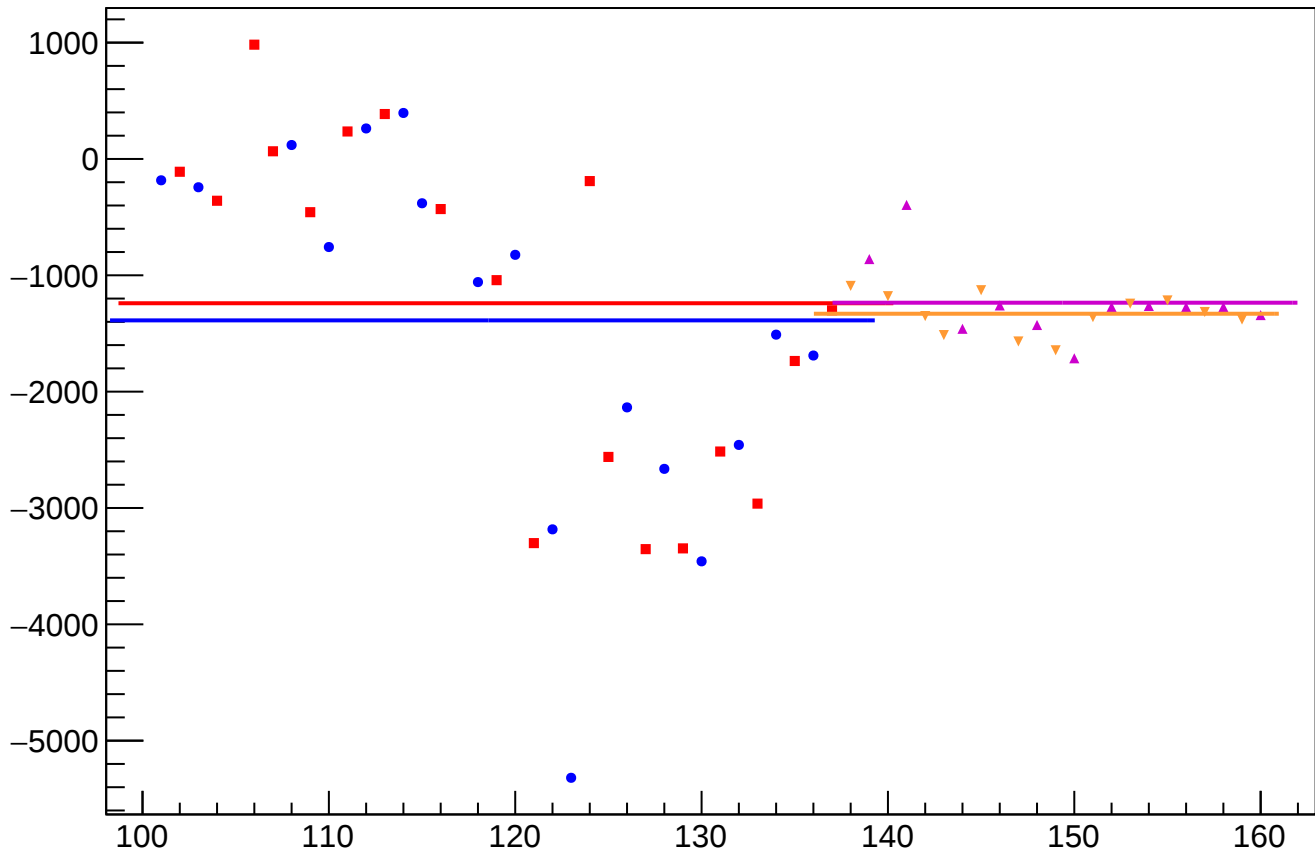
Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

dit_sam5_coil7_mean vs Slug



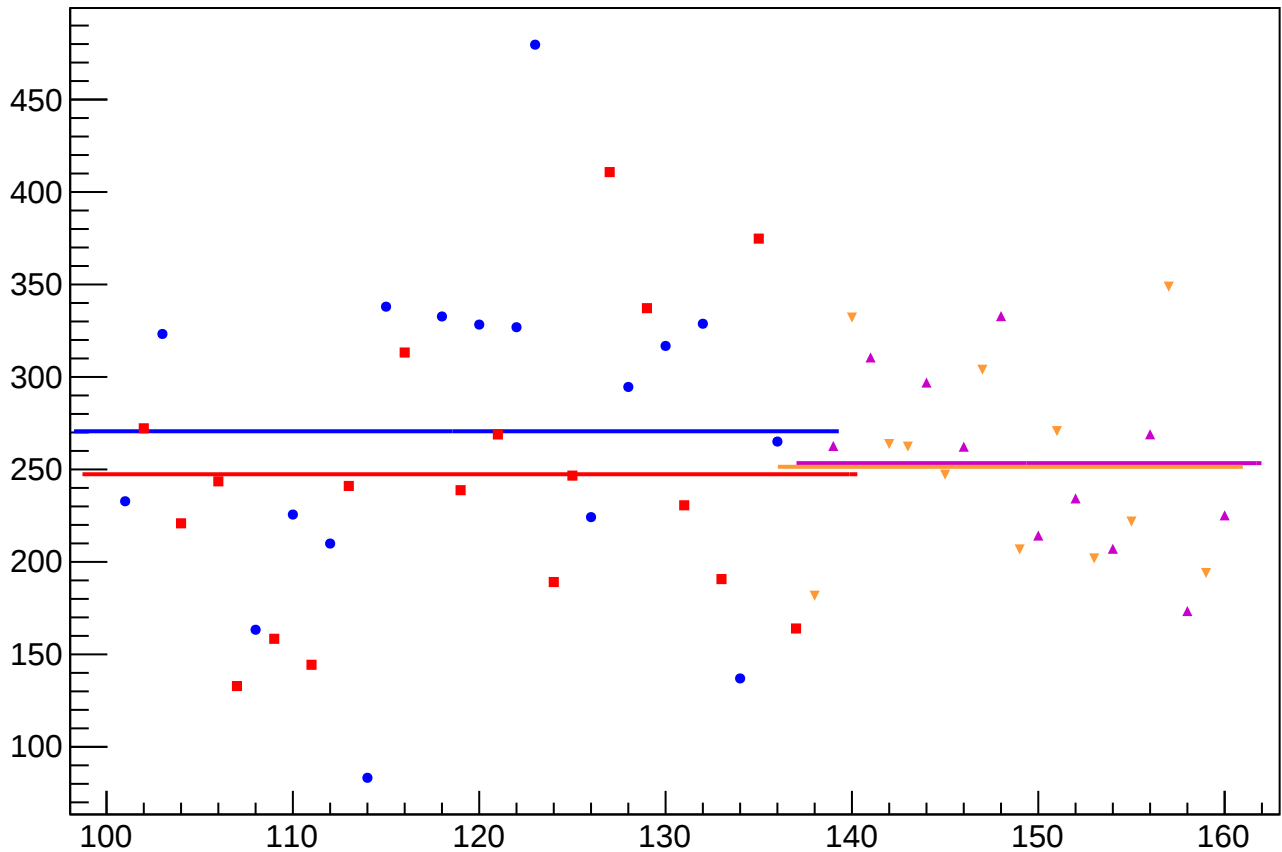
Right In: -1387.447+/-0.000	χ^2/NDF : 1052649963447979198116034562243591929856.0/16
Left Out: -1330.420+/-0.000	χ^2/NDF : 26483457480768378875041680320691699712.0/11
Right Out: -1240.179+/-0.000	χ^2/NDF : 1416369744921748520391717301088168181760.0/17
Left In: -1235.621+/-0.000	χ^2/NDF : 101175024554514162187059760134266814464.0/10

+ sign -1355.110+/-0.000 χ^2/NDF : 1080413237028

All: -1295.541+/-0.000 χ^2/NDF : 2609187389

- sign -1237.599+/-0.000 χ^2/NDF : 15175531795732

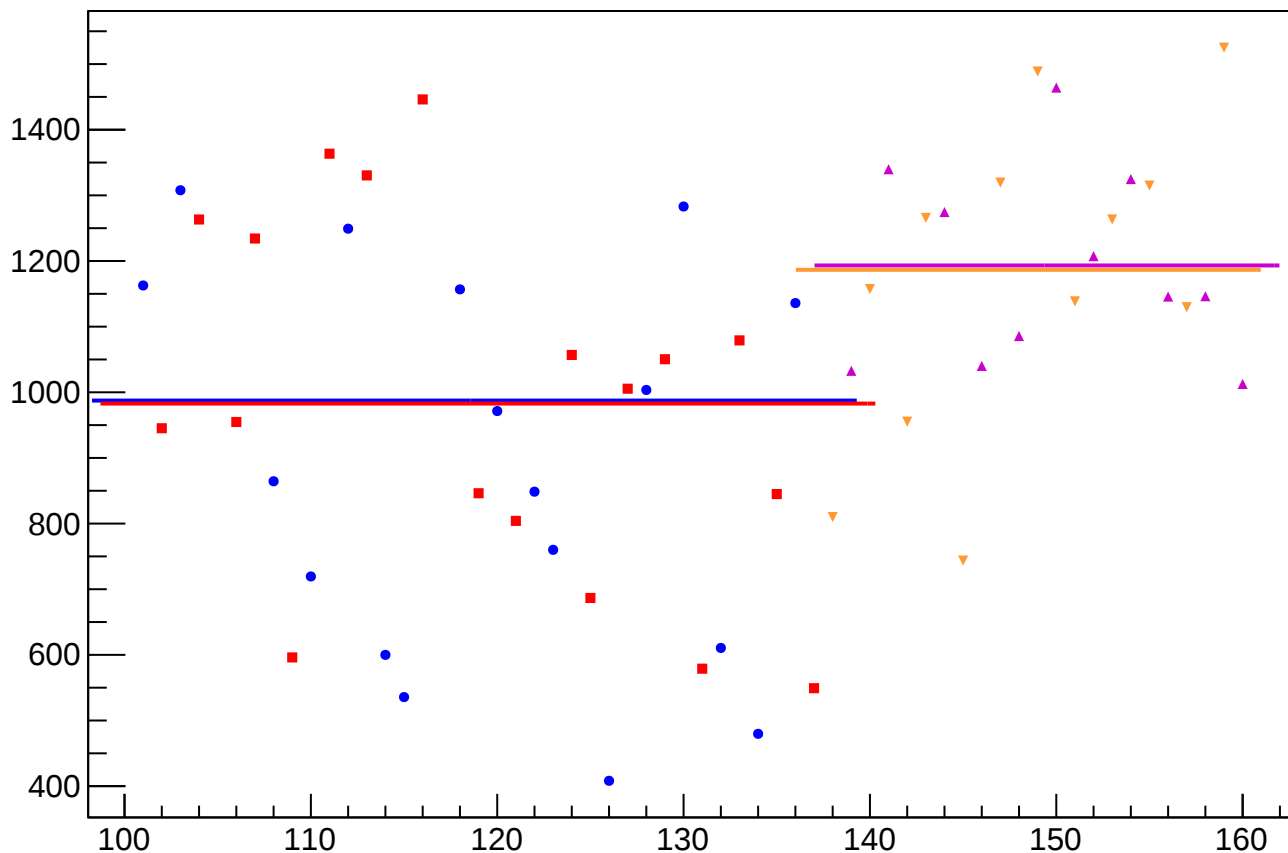
dit_sam5_coil7_err_mean vs Slug



Right In: 270.634+/-0.000	χ^2/NDF : 2782961301444799640631413817001115648.0/16
Left Out: 251.431+/-0.000	χ^2/NDF : 2584936508665838554891763249678647296.0/11
Right Out: 247.395+/-0.000	χ^2/NDF : 4145415912975495896207578940101885952.0/17
Left In: 253.400+/-0.000	χ^2/NDF : 1956558228349454722124070225585373184.0/10

+ sign 259.744+/-0.000 χ^2/NDF : 551301920685929
 All: 255.208+/-0.000 χ^2/NDF : 11694673573
 - sign 250.795+/-0.000 χ^2/NDF : 611657187843847

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

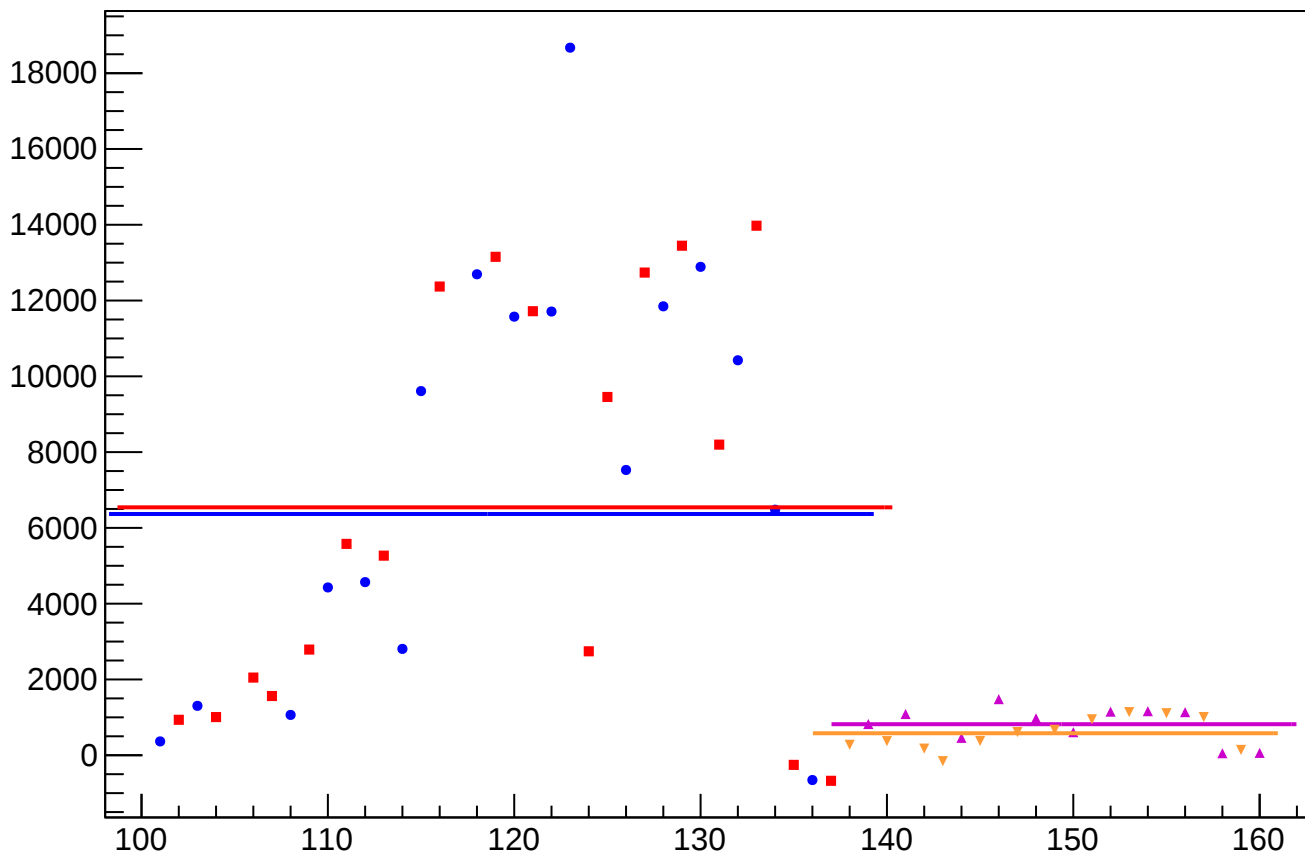
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

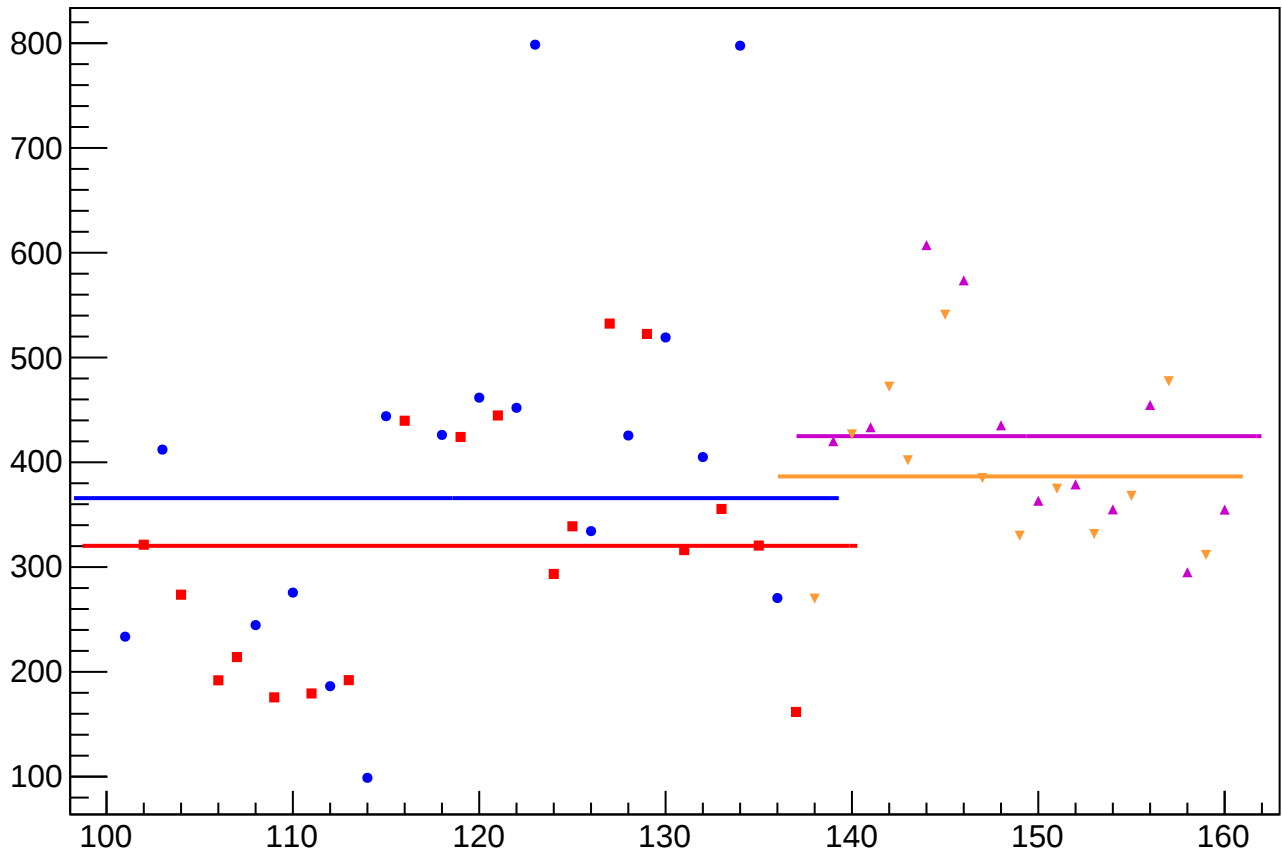
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam6_coil7_mean vs Slug



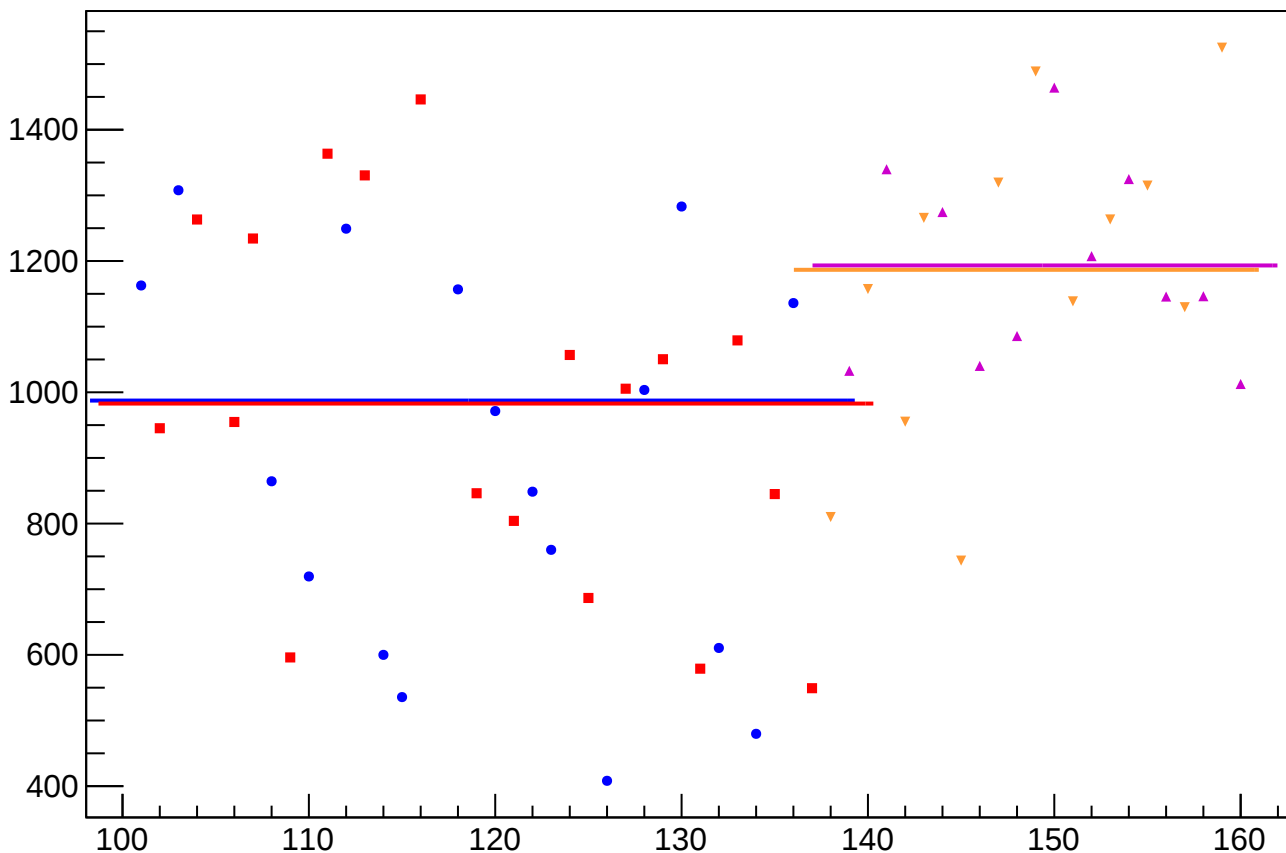
Right In: 6366.506+/-0.000 χ^2/NDF : 19013791293174950781662205946475975802880.0/16
 Left Out: 580.460+/-0.000 χ^2/NDF : 147049020633782369498744411617383940096.0/11
 Right Out: 6542.482+/-0.000 χ^2/NDF : 19769956838076333850932350219813545574400.0/17
 Left In: 819.110+/-0.000 χ^2/NDF : 183157286760955615902217096477246750720.0/10
 + sign 3085.460+/-0.000 χ^2/NDF : 32335929066490
 All: 3195.354+/-0.000 χ^2/NDF : 65586954206
 - sign 3302.248+/-0.000 χ^2/NDF : 33212835876624

dit_sam6_coil7_err_mean vs Slug



Right In: 365.806+/-0.000 χ^2/NDF : 12360453443474503357525500563004850176.0/16
 Left Out: 386.511+/-0.000 χ^2/NDF : 5027608774007269972306139885841940480.0/11
 Right Out: 320.284+/-0.000 χ^2/NDF : 9463966273350706118112483440542613504.0/17
 Left In: 424.949+/-0.000 χ^2/NDF : 7621452352927450037498346719559024640.0/10

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

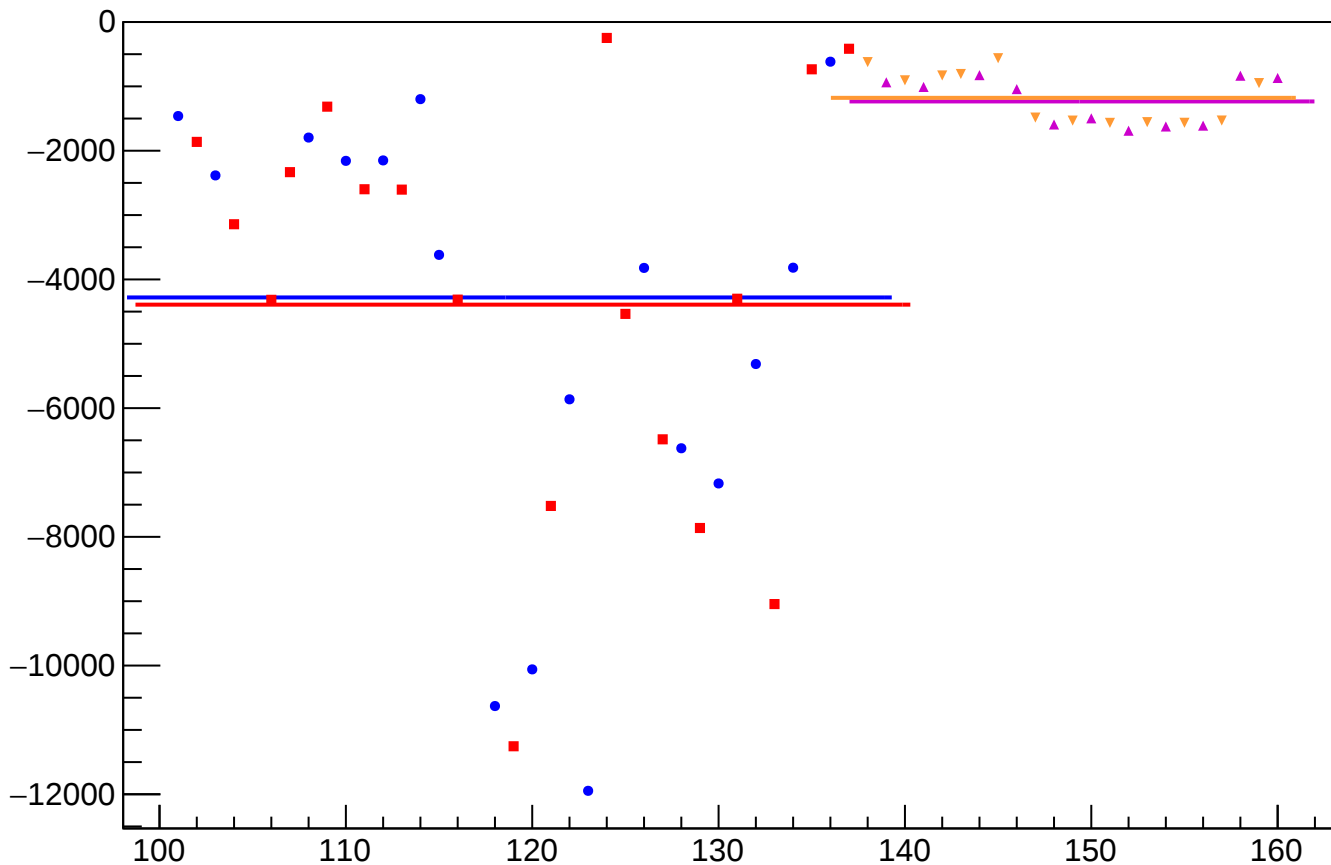
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

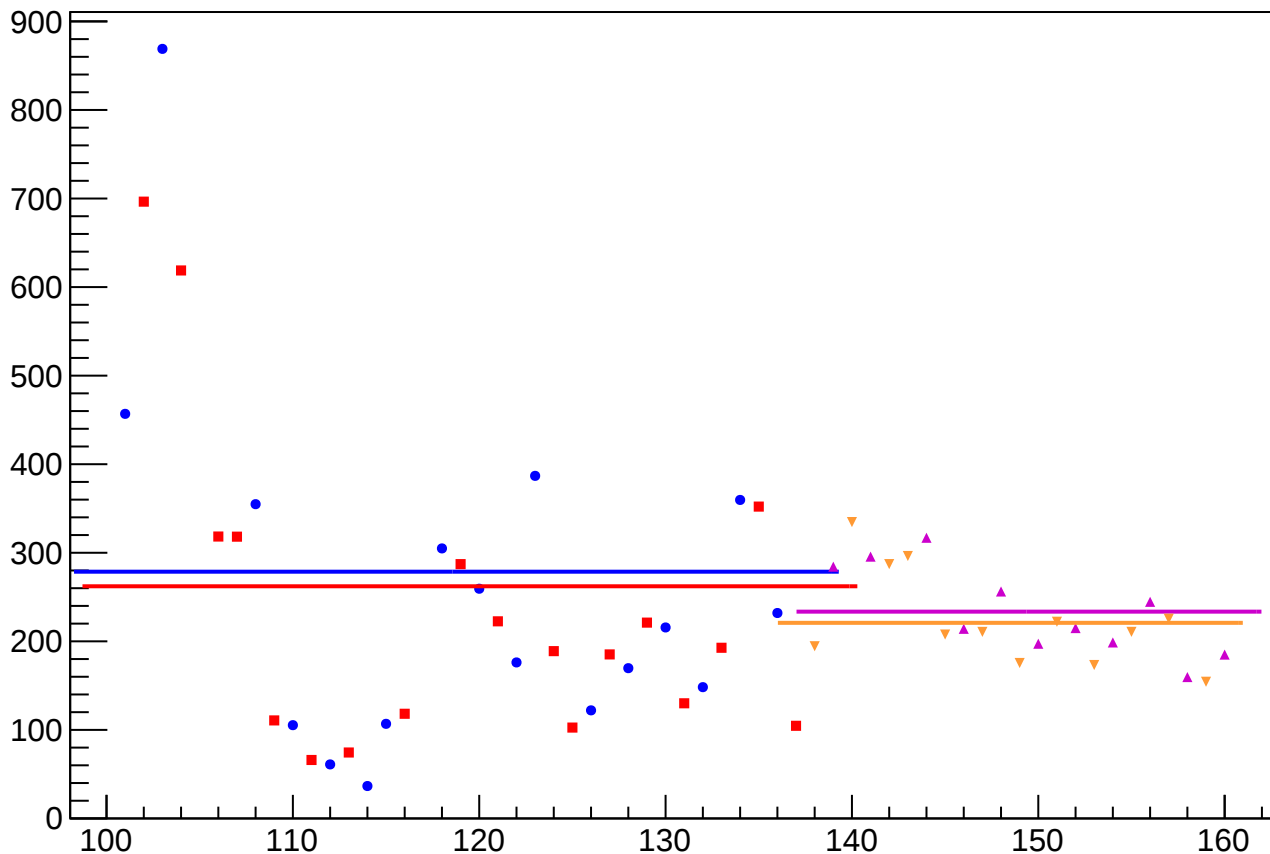
dit_sam7_coil7_mean vs Slug



Right In: -4279.824+/-0.000	χ^2/NDF : 6998436131465727751461675089449726246912.0/16
Left Out: -1178.229+/-0.000	χ^2/NDF : 141473895084928360538242951996197830656.0/11
Right Out: -4391.806+/-0.000	χ^2/NDF : 7013803733920665719163942153165454966784.0/17
Left In: -1234.217+/-0.000	χ^2/NDF : 113222953765781340341469389402247528448.0/10

+ sign -2521.028+/-0.000 χ^2/NDF : 1092573084487
 All: -2563.173+/-0.000 χ^2/NDF : 2209428755
 - sign -2604.166+/-0.000 χ^2/NDF : 11162940142953

dit_sam7_coil7_err_mean vs Slug



Right In: 278.633+/-0.000 χ^2/NDF : 30524296265206738304048515708883042304.0/16

Left Out: 220.880+/-0.000 χ^2/NDF : 2451153402301458952205629704112177152.0/11

Right Out: 262.162+/-0.000 χ^2/NDF : 25748645086335087770789028222868652032.0/17

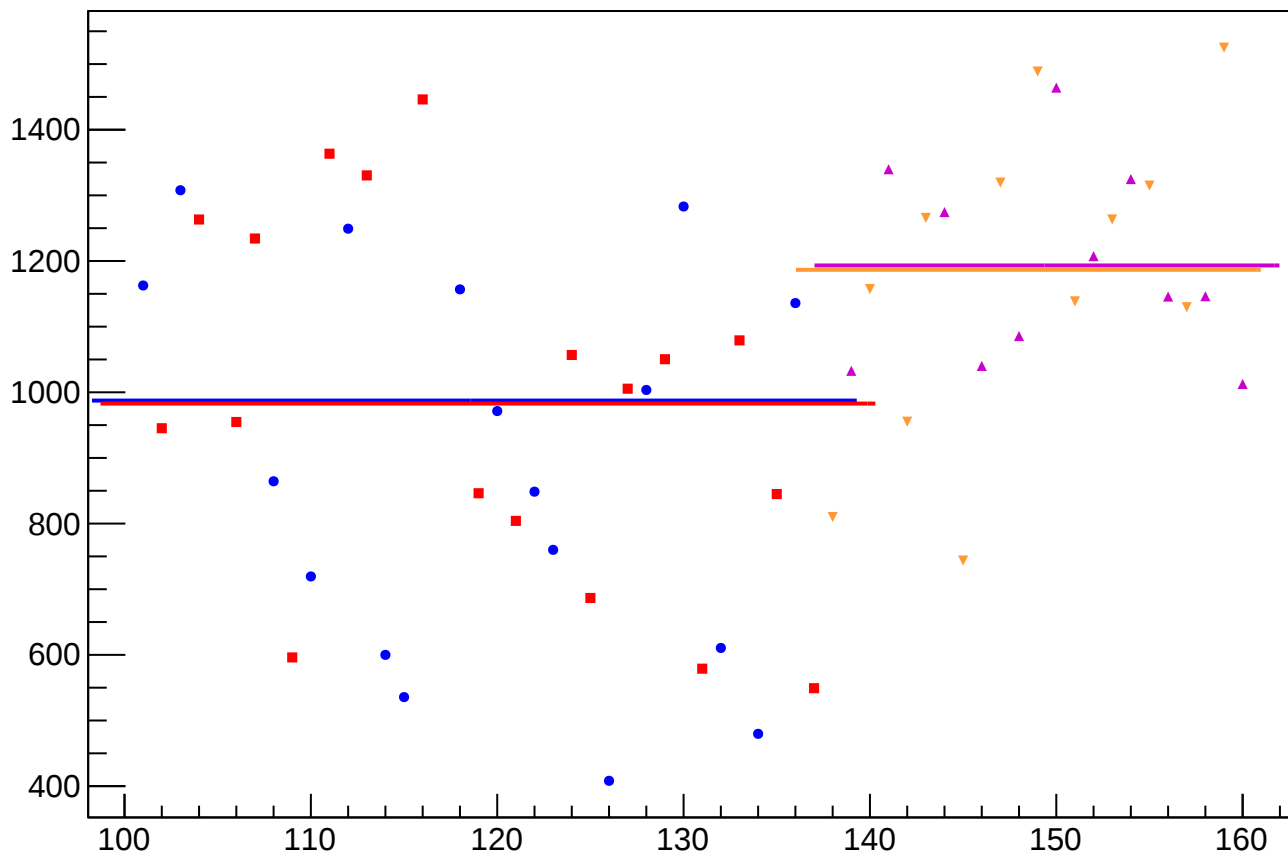
Left In: 233.520+/-0.000 χ^2/NDF : 2135124077253807192462629940293009408.0/10

+ sign 245.884+/-0.000 χ^2/NDF : 342880767821985

All: 245.916+/-0.000 χ^2/NDF : 62503927780

- sign 245.946+/-0.000 χ^2/NDF : 282158478141649

dit_sam7_coil7_Ndata_mean vs Slug



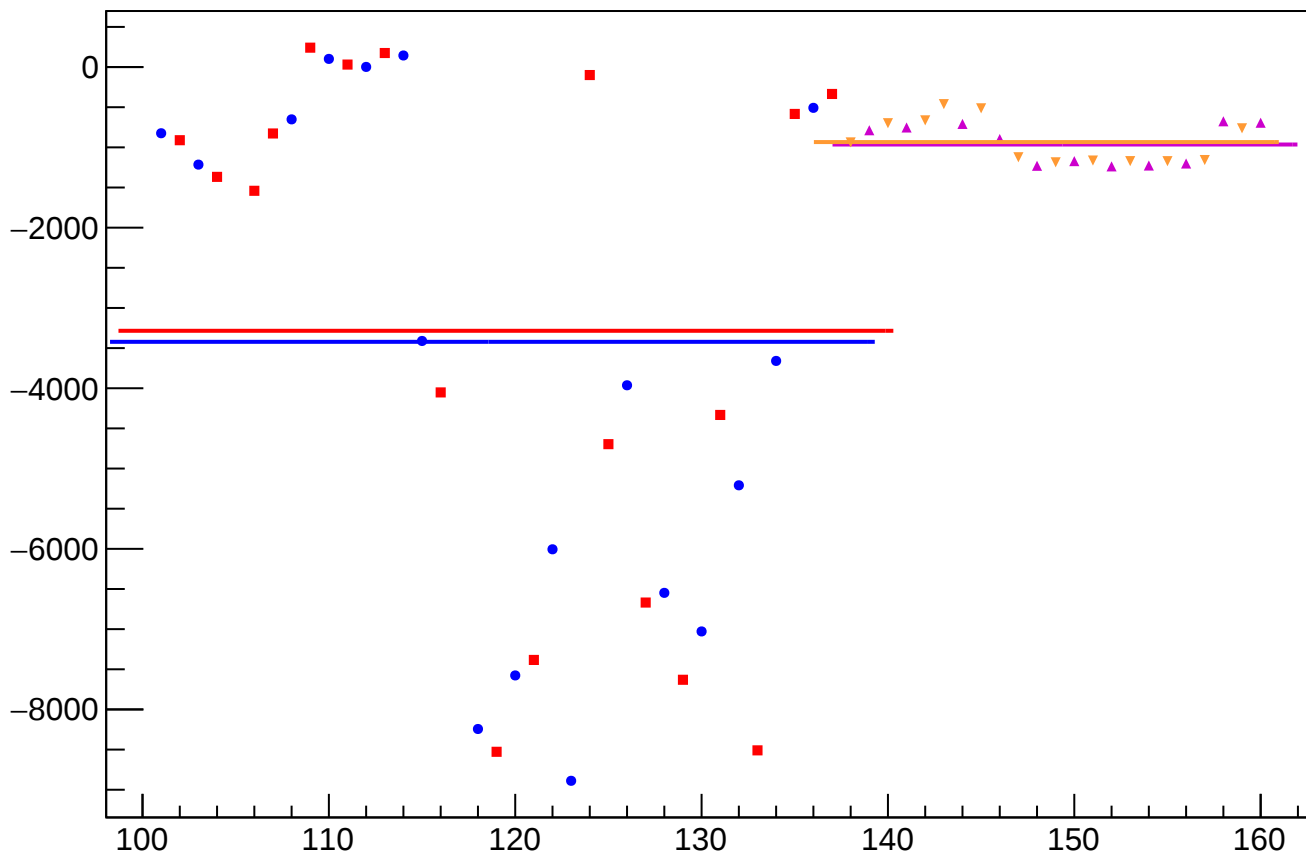
Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

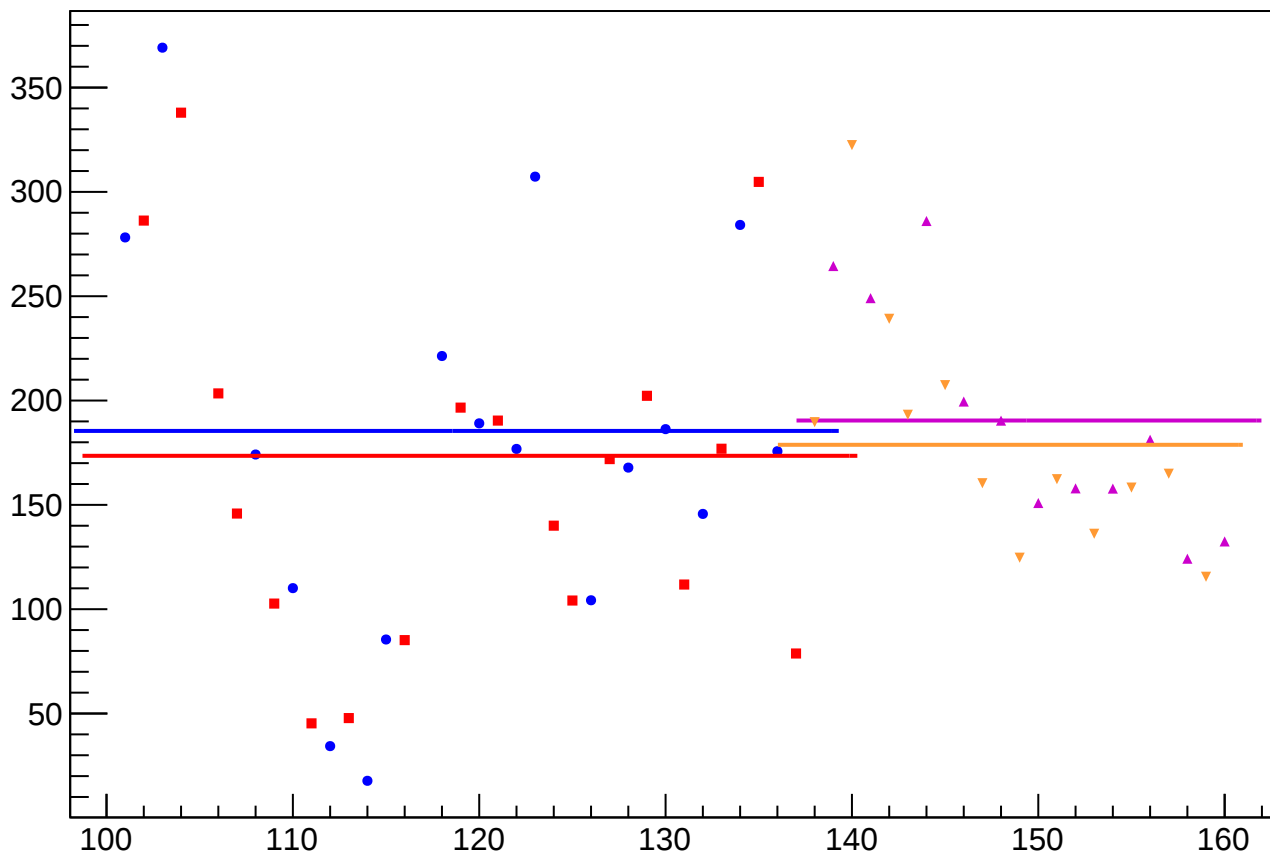
dit_sam8_coil7_mean vs Slug



Right In: -3421.719+/-0.000 χ^2/NDF : 6462112736004972779572658363986020925440.0/16
 Left Out: -933.972+/-0.000 χ^2/NDF : 64192639419401528934807333255243628544.0/11
 Right Out: -3284.376+/-0.000 χ^2/NDF : 7820854185595313728450757047863572692992.0/17
 Left In: -964.532+/-0.000 χ^2/NDF : 52328346838047917935593162774962765824.0/10

+ sign -2011.013+/-0.000 χ^2/NDF : 8961885408973
 All: -1990.738+/-0.000 χ^2/NDF : 1901481957
 - sign -1971.018+/-0.000 χ^2/NDF : 10051634353720

dit_sam8_coil7_err_mean vs Slug



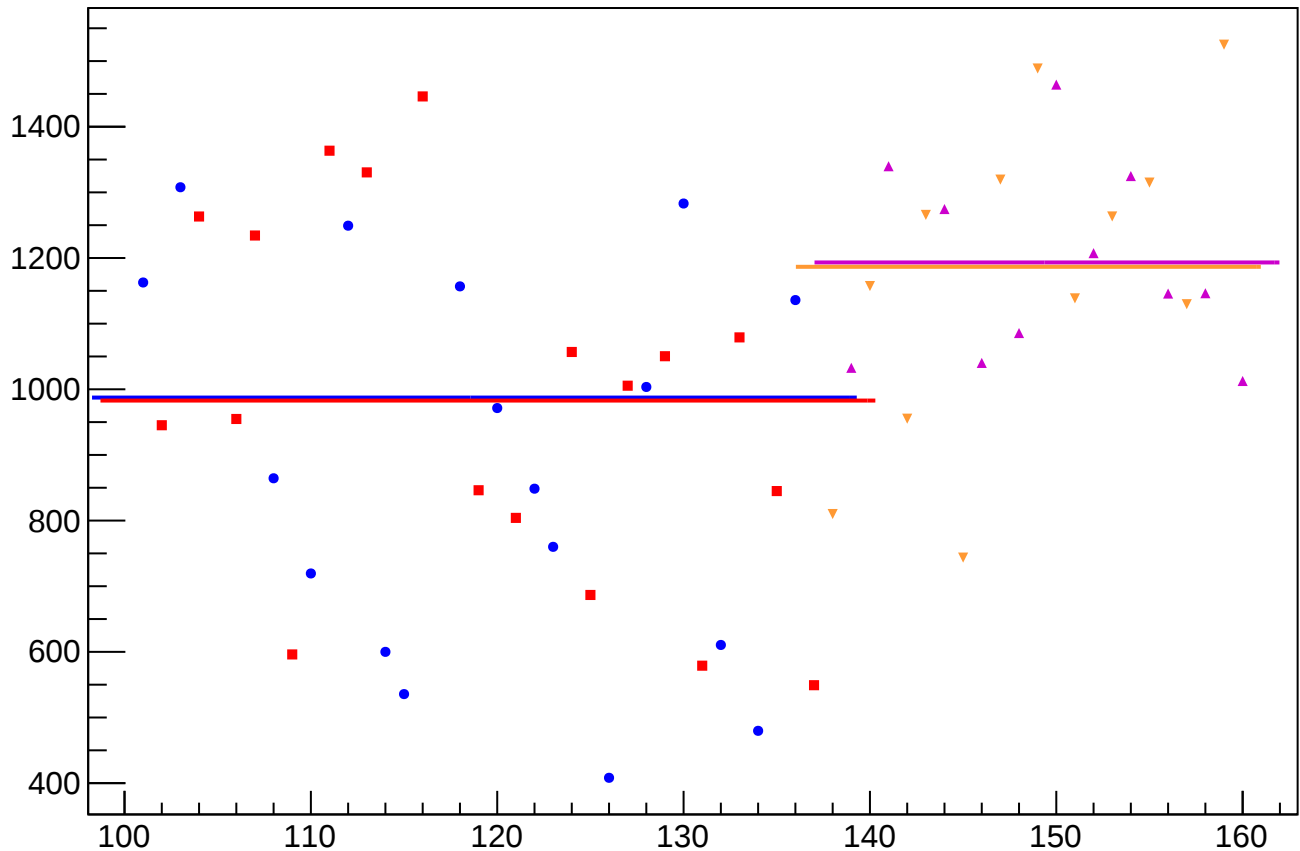
Right In: 185.440 $\pm$ 0.000 χ^2 /NDF: 4992999881975997017558054599194050560.0/16

Left Out: 178.789 $\pm$ 0.000 χ^2 /NDF: 2761846974558217365203652056992186368.0/11

Right Out: 173.513 $\pm$ 0.000 χ^2 /NDF: 5476704825855084602521292305195859968.0/17

Left In: 190.431 $\pm$ 0.000 χ^2 /NDF: 2526907691148920878217594844913598464.0/10

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

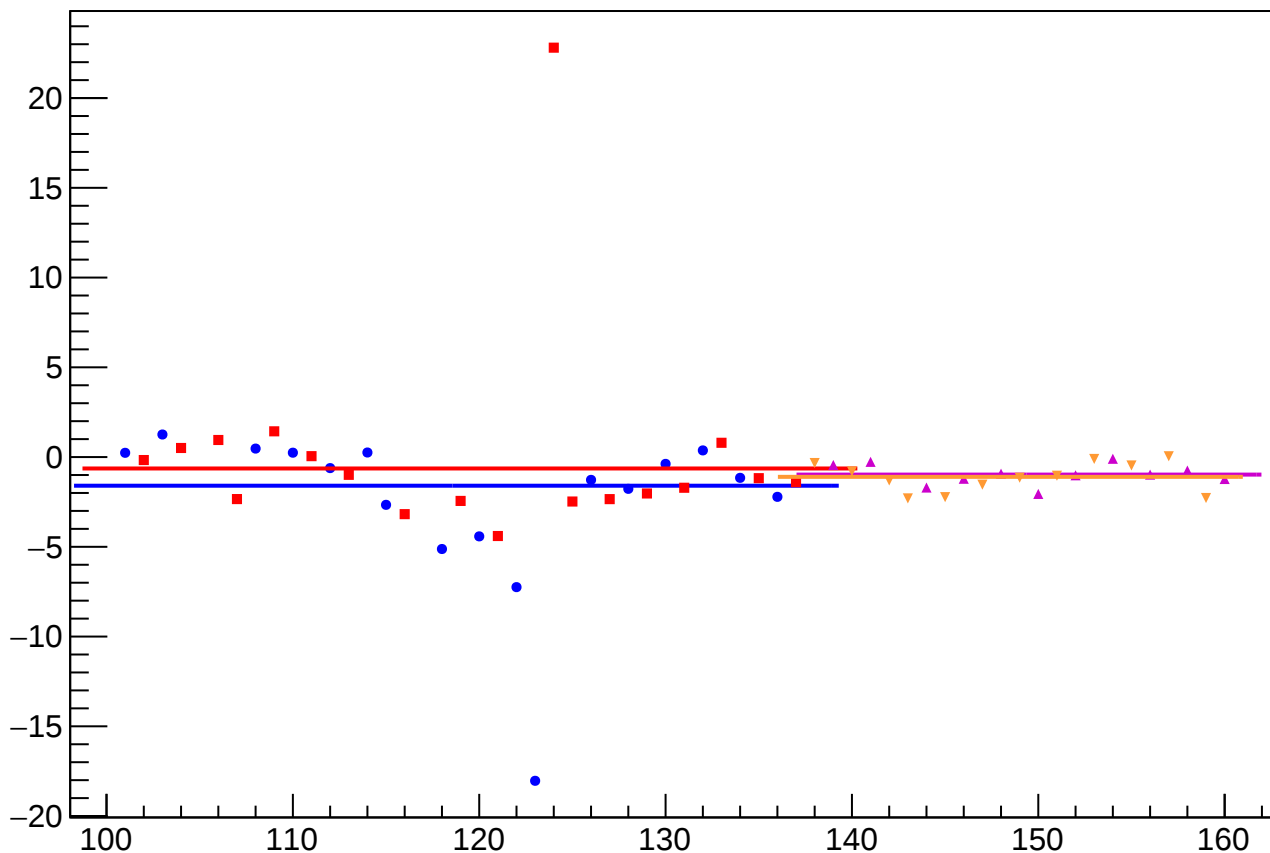
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_4aX_coil4_mean vs Slug



Right In: -1.596 ± 0.000 $\chi^2/\text{NDF}: 4654807928359892398673617982849024.0/16$

Left Out: -1.102 ± 0.000 $\chi^2/\text{NDF}: 592180467002513566987832570937344.0/11$

Right Out: -0.636 ± 0.000 $\chi^2/\text{NDF}: 9571048295343482409580772007608320.0/17$

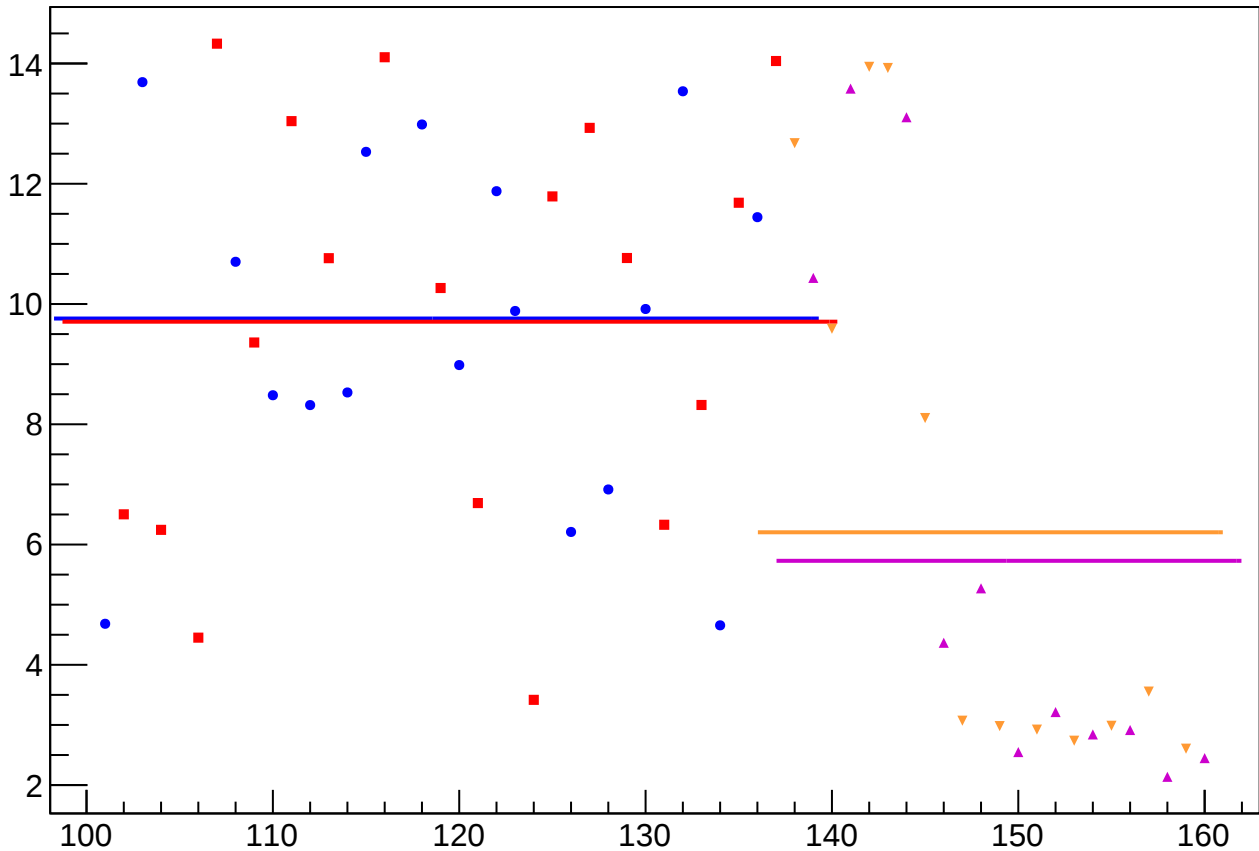
Left In: -0.977 ± 0.000 $\chi^2/\text{NDF}: 300890397650119639347670720446464.0/10$

All: -1.069 ± 0.000 $\chi^2/\text{NDF}: 1545459407936$

+ sign -1.316 ± 0.000 $\chi^2/\text{NDF}: 5342982543147987$

- sign -0.829 ± 0.000 $\chi^2/\text{NDF}: 99189735363559130$

dit_4aX_coil4_err_mean vs Slug



Right In: 9.759 $\pm$ 0.000 χ^2 /NDF: 5805218601264248923404355625811968.0/16

Left Out: 6.204 $\pm$ 0.000 χ^2 /NDF: 17109991032954173502313359403384832.0/11

Right Out: 9.706 $\pm$ 0.000 χ^2 /NDF: 6508390621050403360774220706480128.0/17

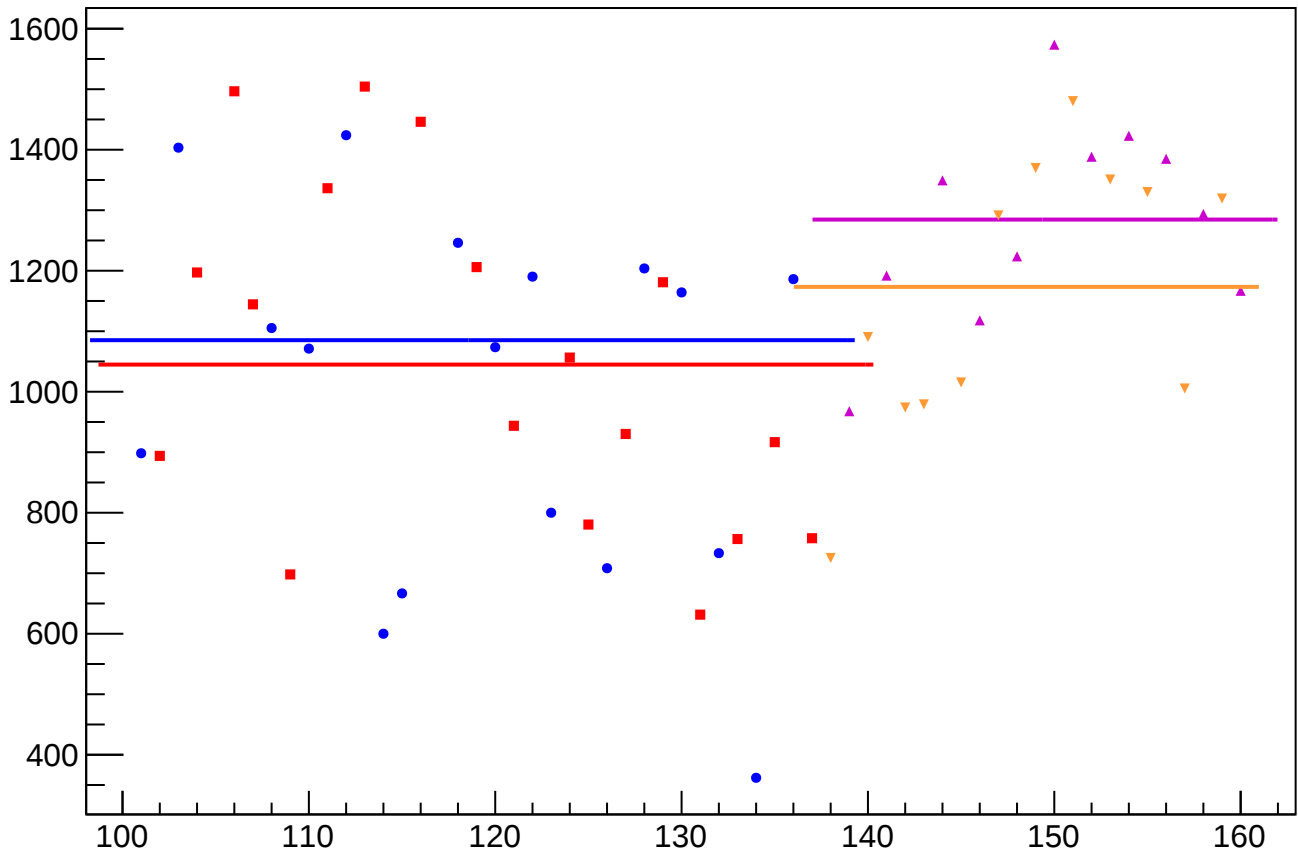
Left In: 5.730 $\pm$ 0.000 χ^2 /NDF: 16834211139985692030618150983696384.0/10

+ sign 7.743 $\pm$ 0.000 χ^2 /NDF: 27887924008453244

All: 7.597 $\pm$ 0.000 χ^2 /NDF: 57699110892163

- sign 7.455 $\pm$ 0.000 χ^2 /NDF: 29743736675365578

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

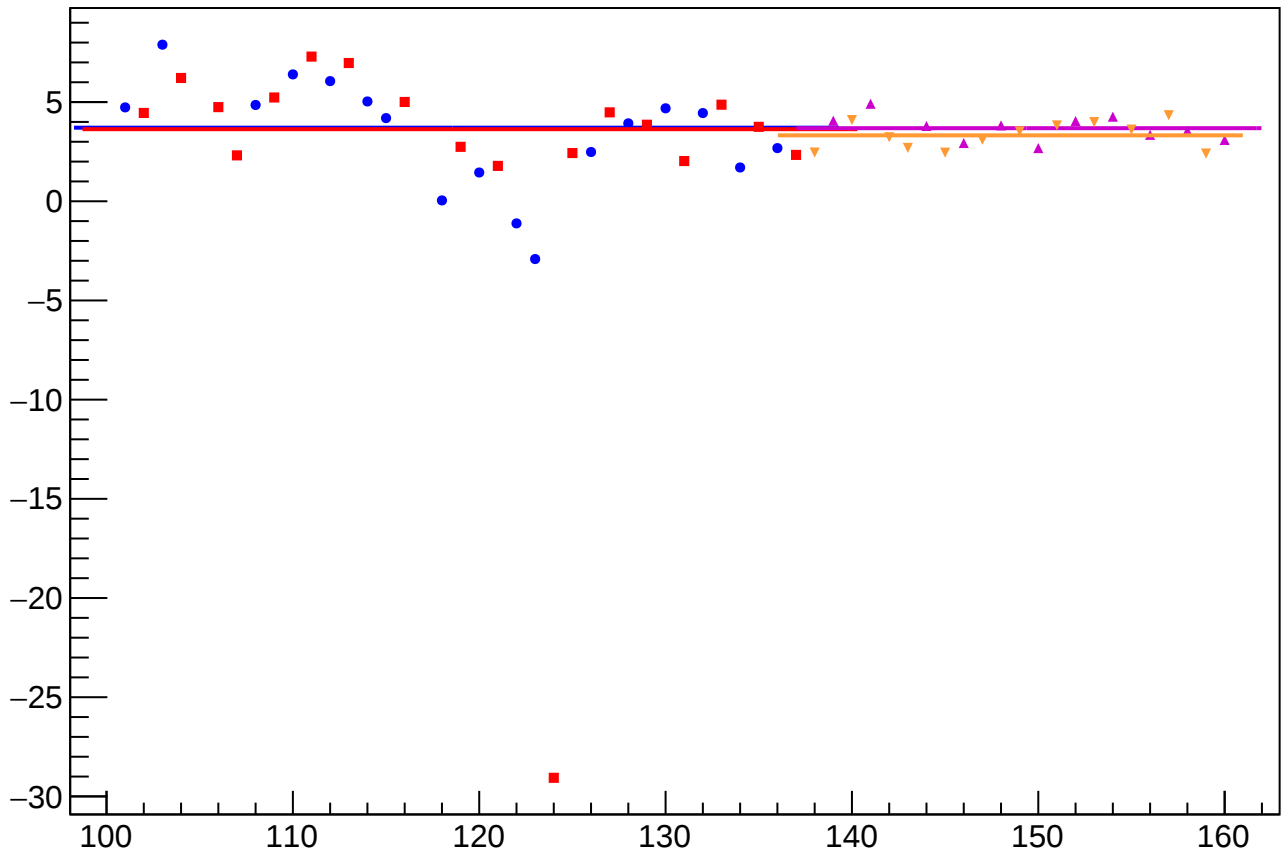
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

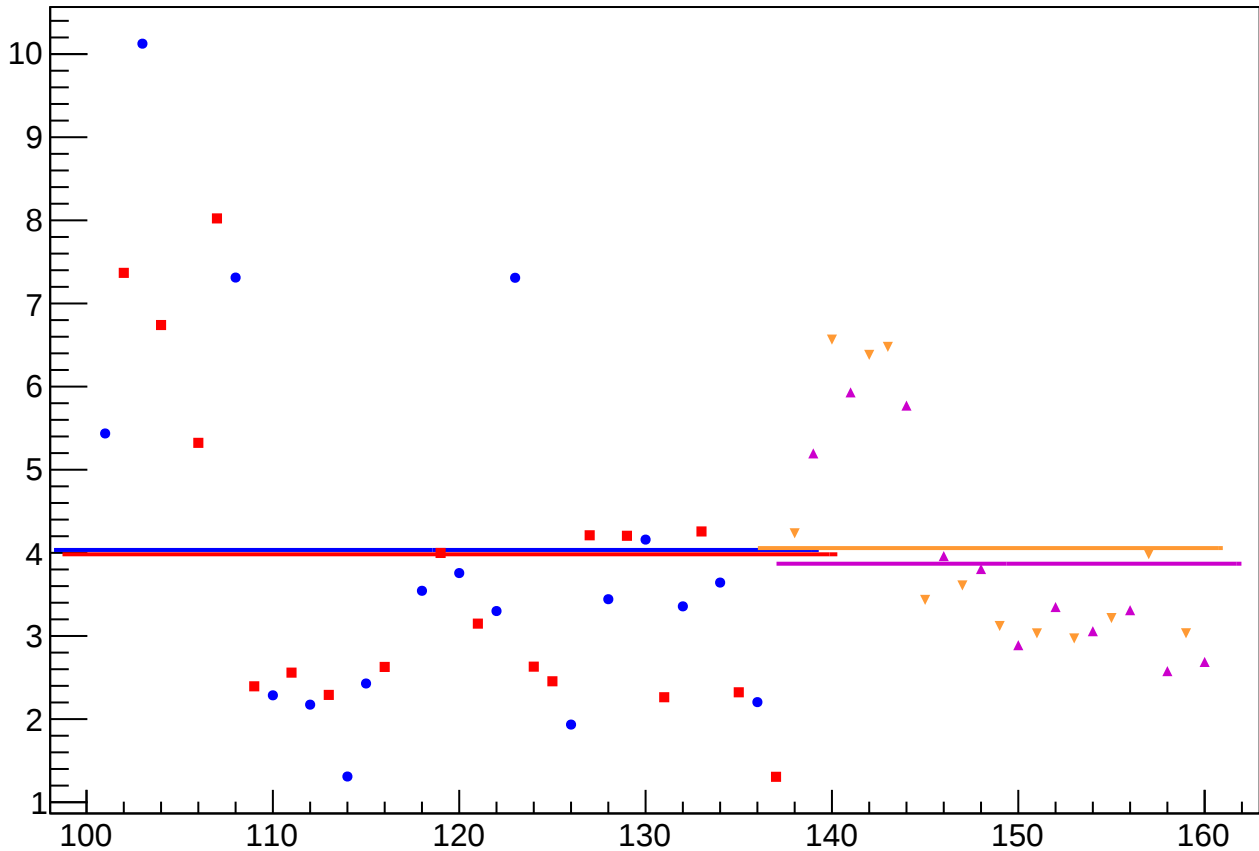
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_4eX_coil4_mean vs Slug



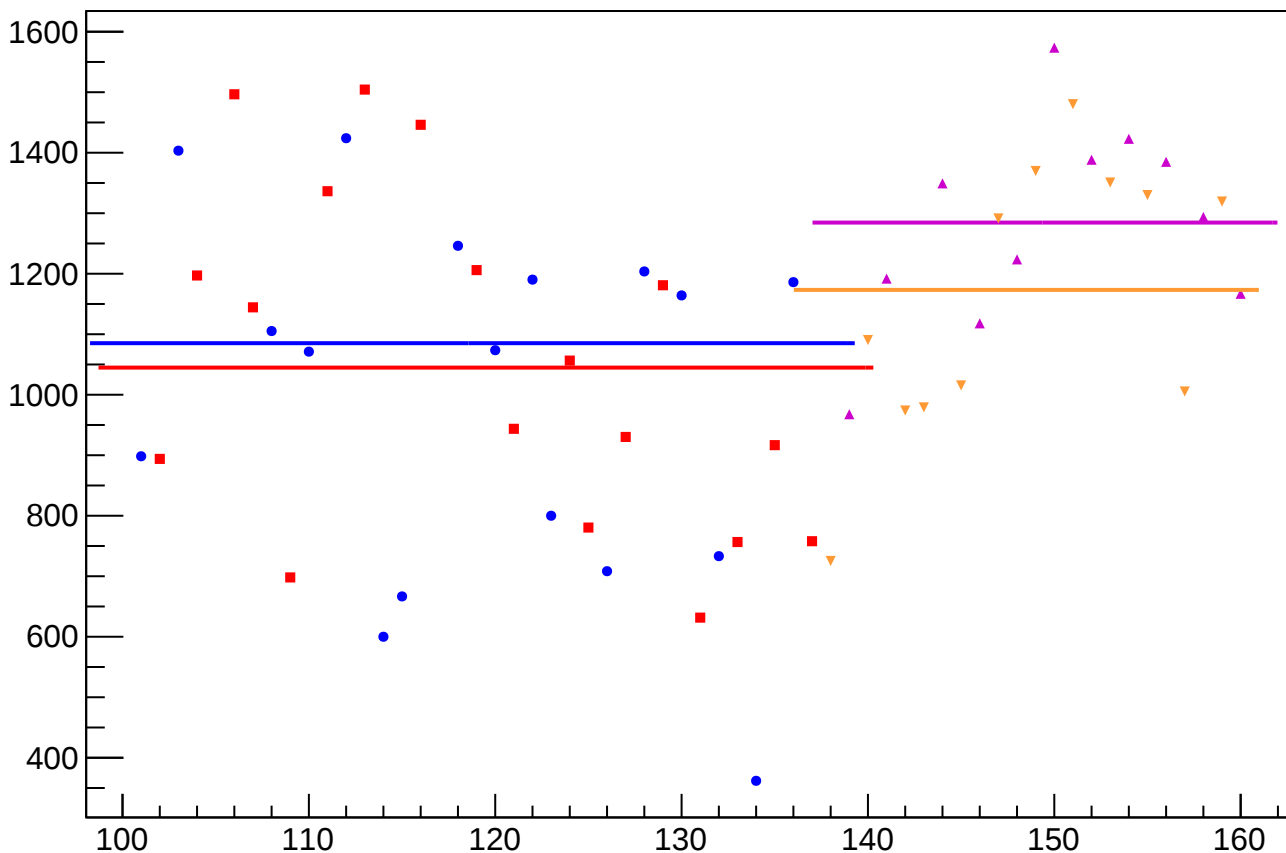
Right In: 3.709 $\pm$ 0.000 χ^2 /NDF: 4018102777172229540031969661812736.0/16
 Left Out: 3.324 $\pm$ 0.000 χ^2 /NDF: 408662092507009780807820497649664.0/11
 Right Out: 3.634 $\pm$ 0.000 χ^2 /NDF: 17179706396424887783373227094441984.0/17
 Left In: 3.684 $\pm$ 0.000 χ^2 /NDF: 362171161596980472614323696435200.0/10

dit_4eX_coil4_err_mean vs Slug



Right In: 4.035+/-0.000 χ^2/NDF : 3710399284586297338090254185267200.0/16
 Left Out: 4.057+/-0.000 χ^2/NDF : 1601757414873361873208521558851584.0/11
 Right Out: 3.983+/-0.000 χ^2/NDF : 2613925353133608323825730446163968.0/17
 Left In: 3.869+/-0.000 χ^2/NDF : 127275025204235909956227723665408.0/10

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

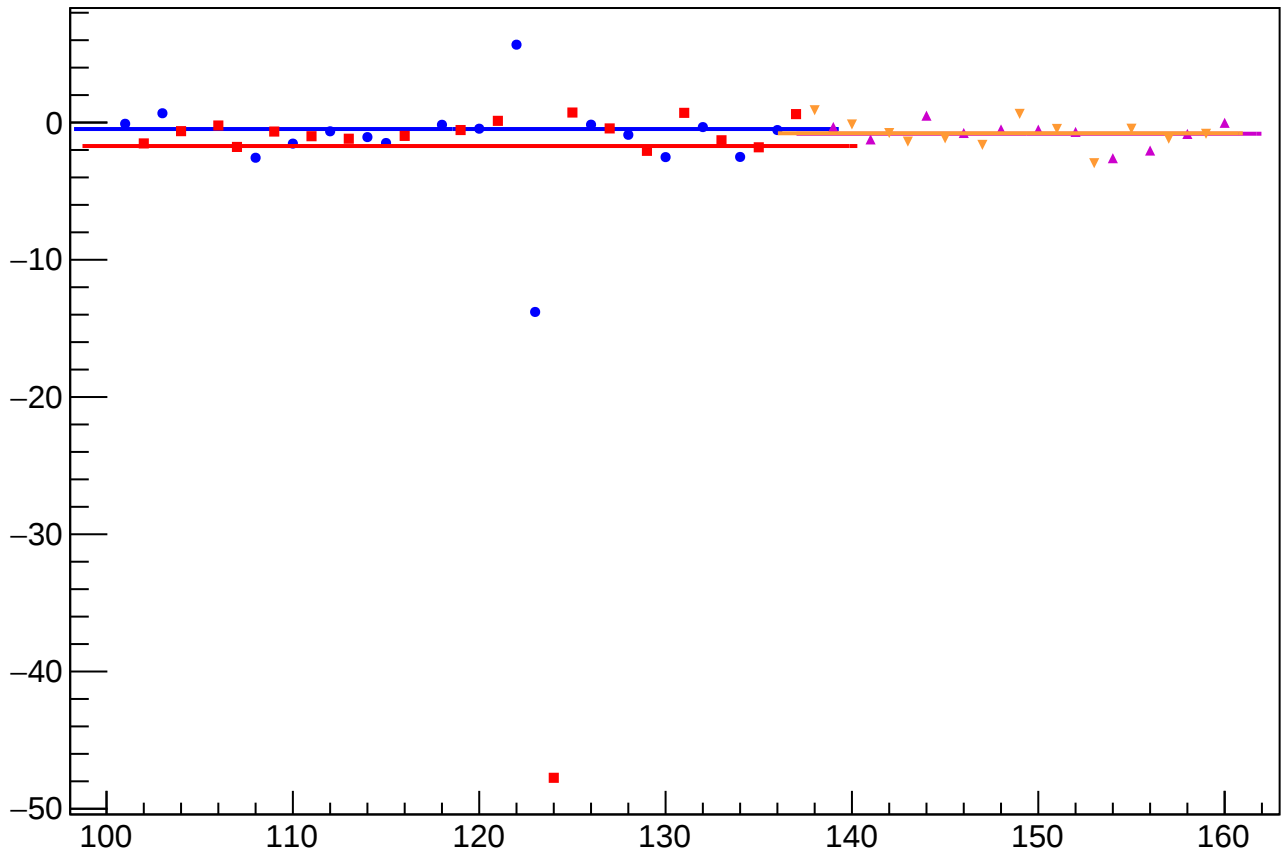
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

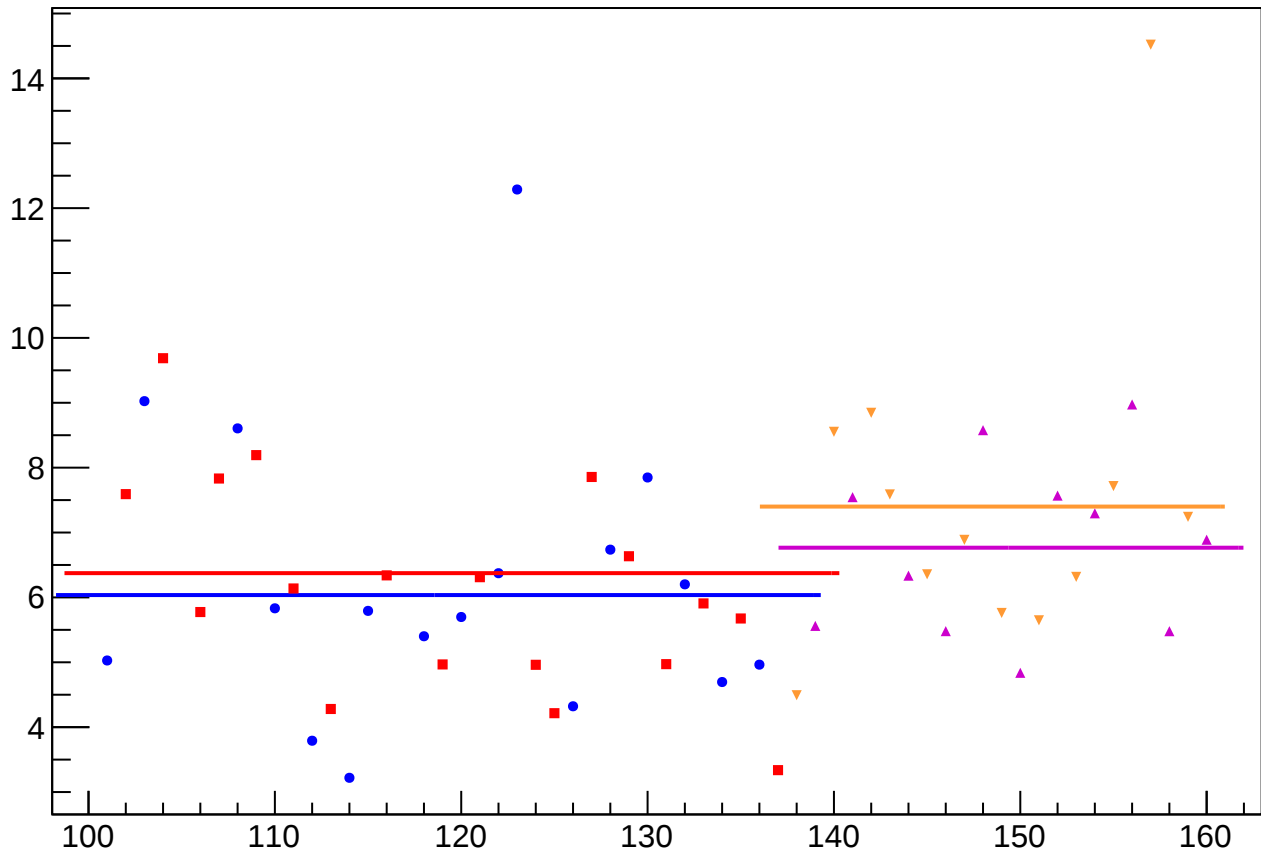
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_11X12X_coil4_mean vs Slug



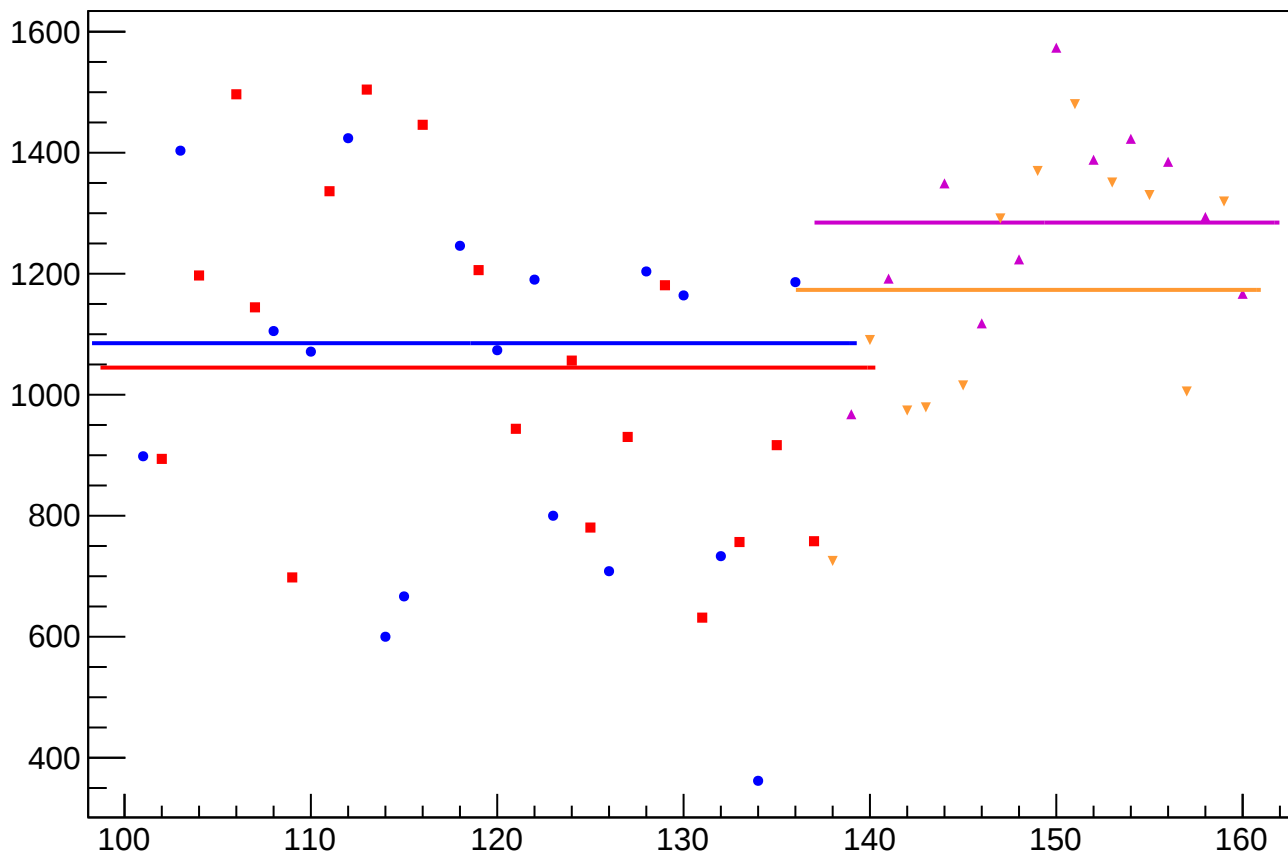
Right In: -0.473 ± 0.000 χ^2/NDF : 2898613024888316123890745518063616.0/16
 Left Out: -0.782 ± 0.000 χ^2/NDF : 945280645994518900934494480498688.0/11
 Right Out: -1.712 ± 0.000 χ^2/NDF : 30716645280339484063089556715470848.0/17
 Left In: -0.816 ± 0.000 χ^2/NDF : 662056853644750883685234129240064.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.036+/-0.000 χ^2/NDF : 1834282168572363767997793128415232.0/16
 Left Out: 7.400+/-0.000 χ^2/NDF : 5295448681829047225809354325229568.0/11
 Right Out: 6.374+/-0.000 χ^2/NDF : 1775962730889931898255737308053504.0/17
 Left In: 6.766+/-0.000 χ^2/NDF : 1543455485673800968010090913202176.0/10
 All: 6.701+/-0.000 χ^2/NDF : 11280547692458
 + sign 6.810+/-0.000 χ^2/NDF : 78618296206009231
 - sign 6.596+/-0.000 χ^2/NDF : 33816482501377500

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

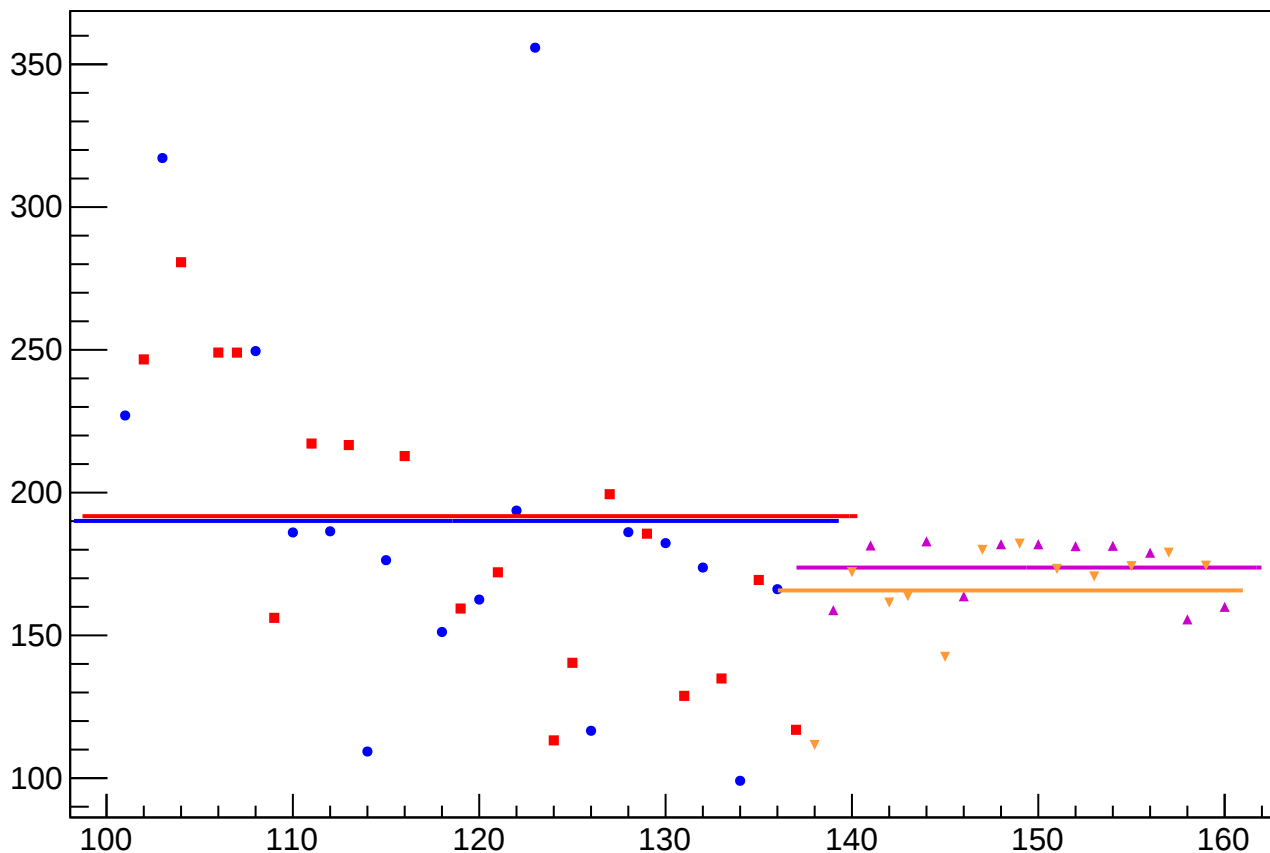
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_4aY_coil4_mean vs Slug



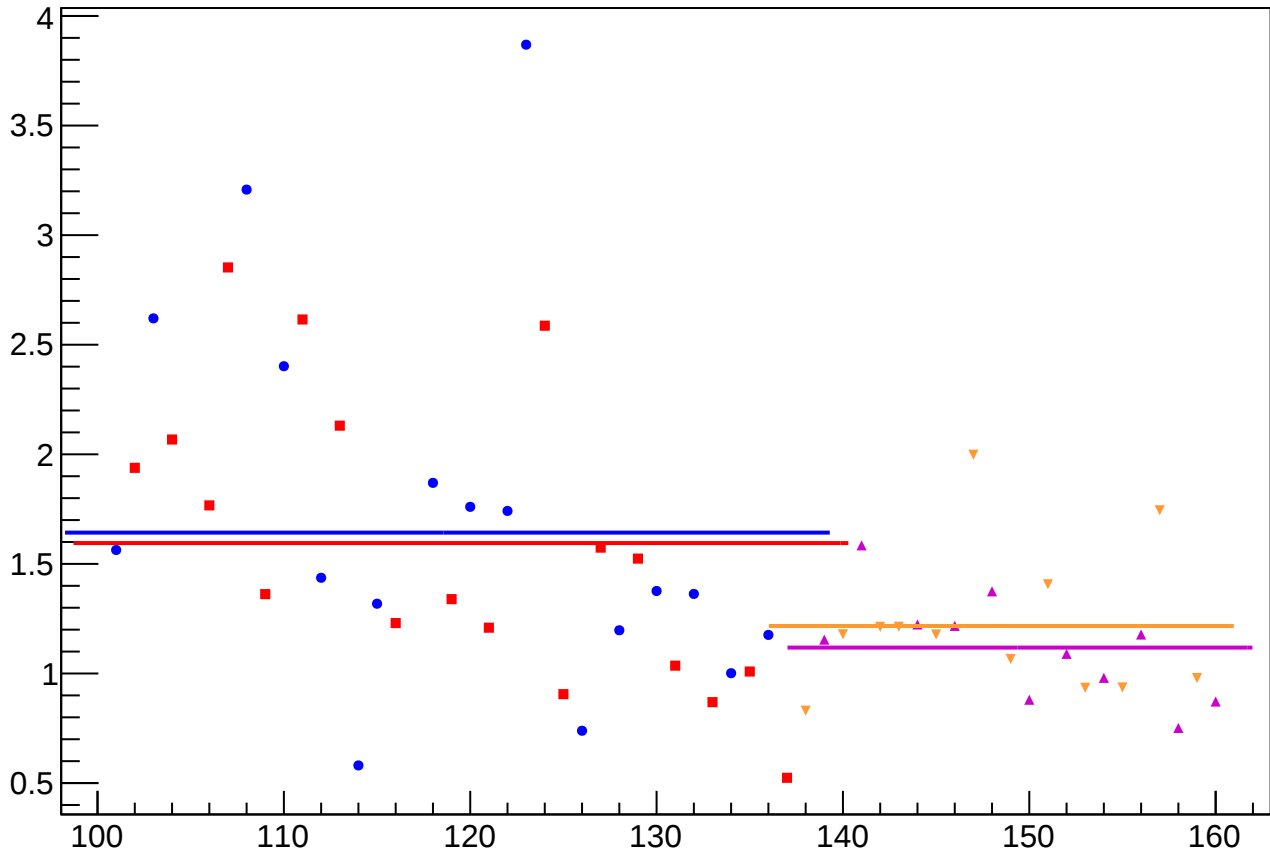
Right In: 190.085+/-0.000 χ^2/NDF : 1925698803891151227234396073587900416.0/16

Left Out: 165.739+/-0.000 χ^2/NDF : 344682497656901428032567062567059456.0/11

Right Out: 191.757+/-0.000 χ^2/NDF : 1600653754892471682568282524337831936.0/17

Left In: 173.752+/-0.000 χ^2/NDF : 105283442852130720199037078170763264.0/10

dit_4aY_coil4_err_mean vs Slug



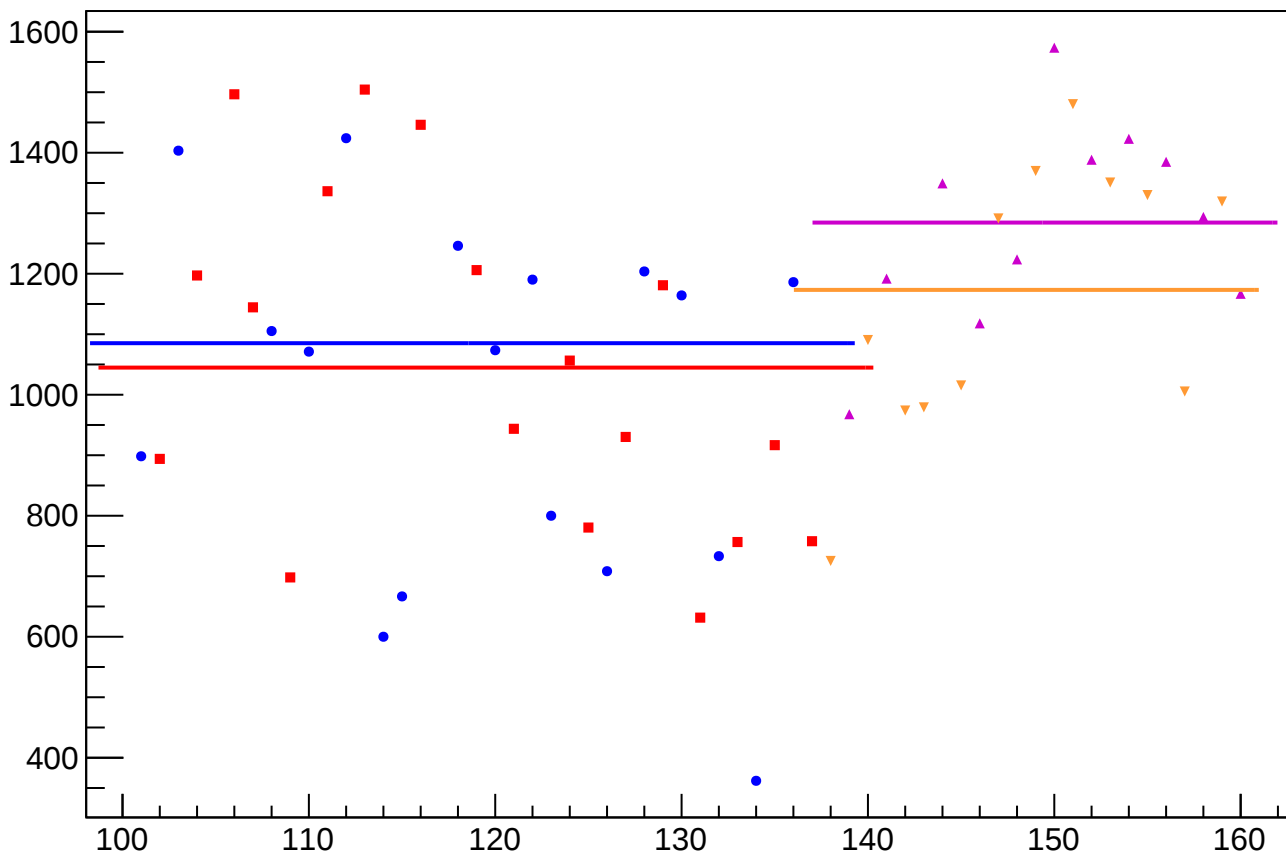
Right In: 1.643 ± 0.000 χ^2/NDF : 289253300871261454870716449030144.0/16

Left Out: 1.217 ± 0.000 χ^2/NDF : 102394613447491283246123057152000.0/11

Right Out: 1.595 ± 0.000 χ^2/NDF : 253487865182855947655895326916608.0/17

Left In: 1.118 ± 0.000 χ^2/NDF : 49044430342731068780186328629248.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

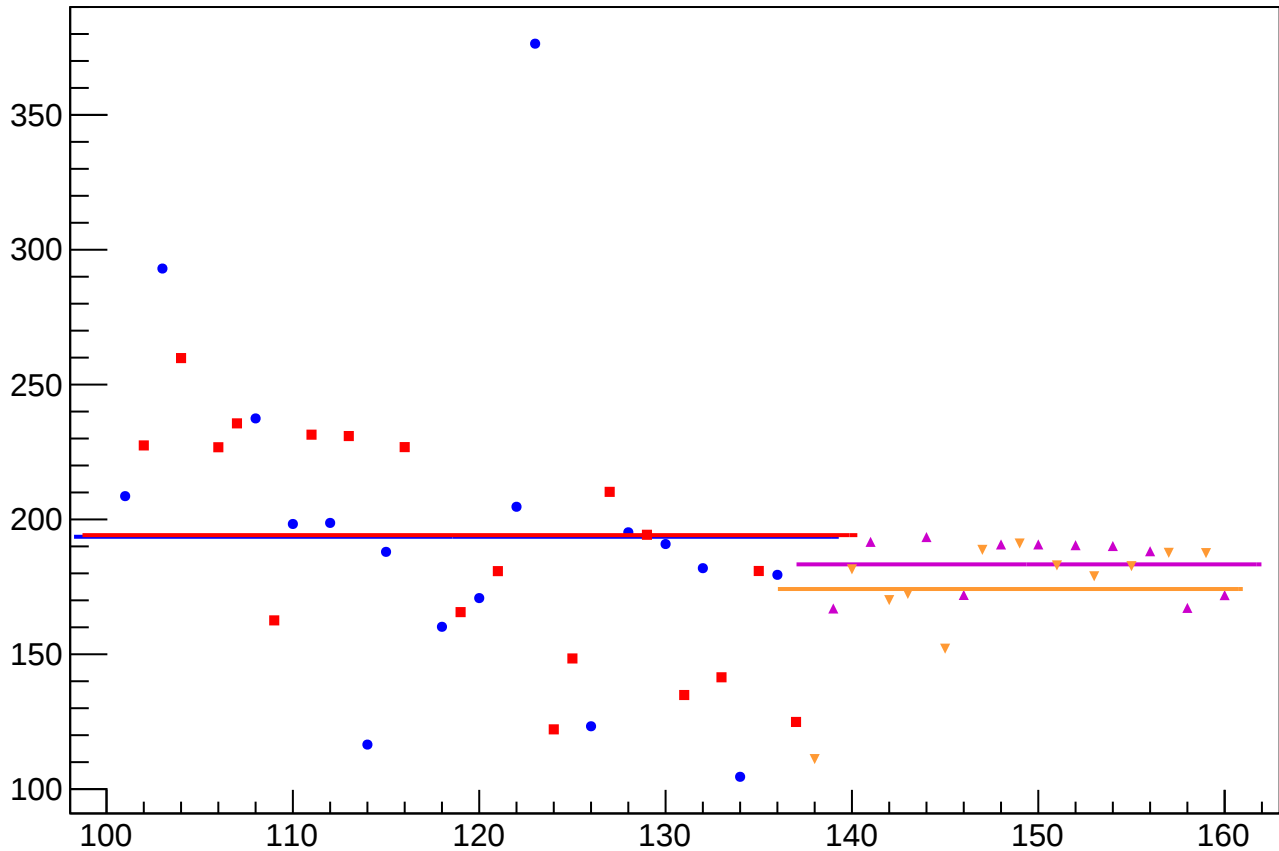
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

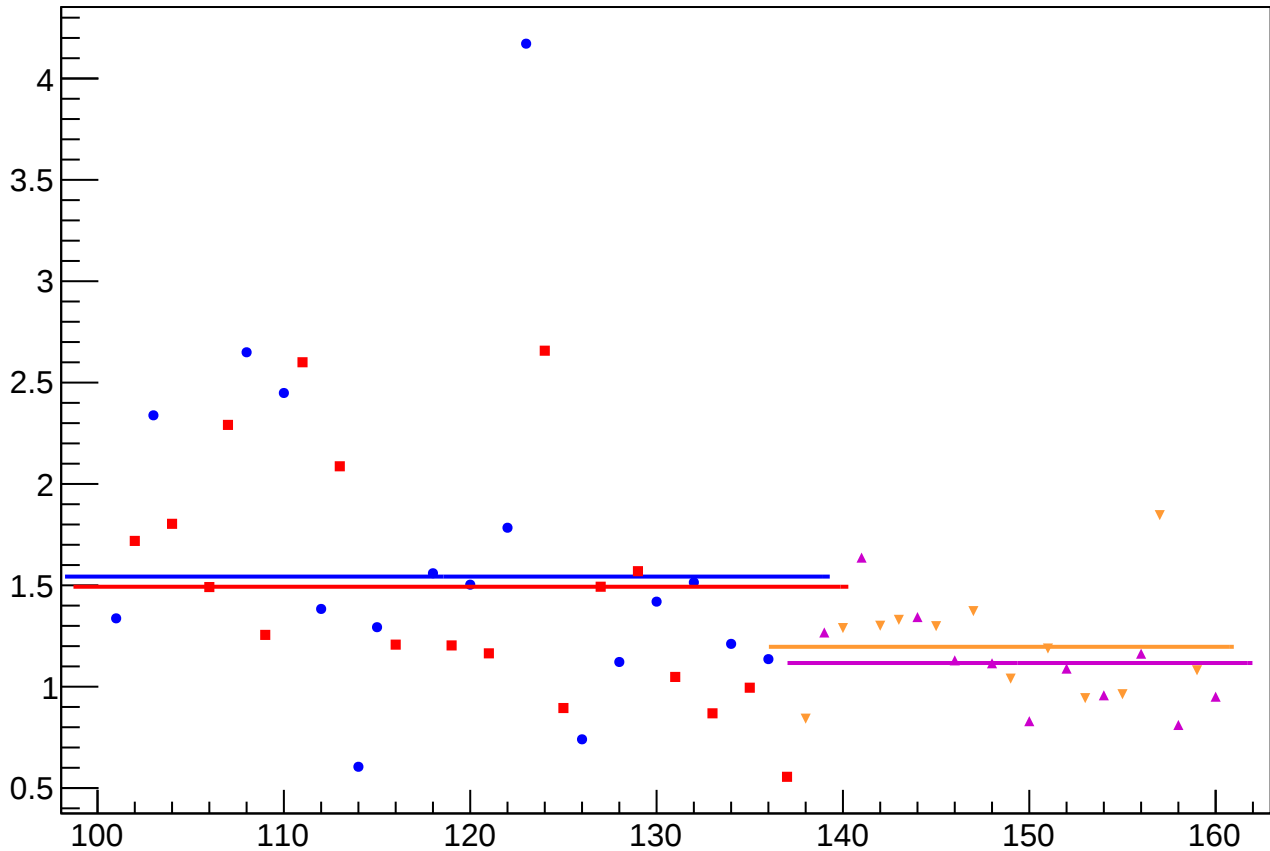
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_4eY_coil4_mean vs Slug



Right In: 193.573+/-0.000 χ^2/NDF : 1351064334288465855493252395600707584.0/16
 Left Out: 174.198+/-0.000 χ^2/NDF : 435157803959110752164132199015120896.0/11
 Right Out: 194.177+/-0.000 χ^2/NDF : 1137351144016205804609551236362928128.0/17
 Left In: 183.338+/-0.000 χ^2/NDF : 99283390921198074748427132624437248.0/10

dit_4eY_coil4_err_mean vs Slug



Right In: 1.543 ± 0.000 χ^2/NDF : 211470615756148398389395258867712.0/16

Left Out: 1.197 ± 0.000 χ^2/NDF : 59586654303702490446710865657856.0/11

Right Out: 1.493 ± 0.000 χ^2/NDF : 198853919603996729553220305682432.0/17

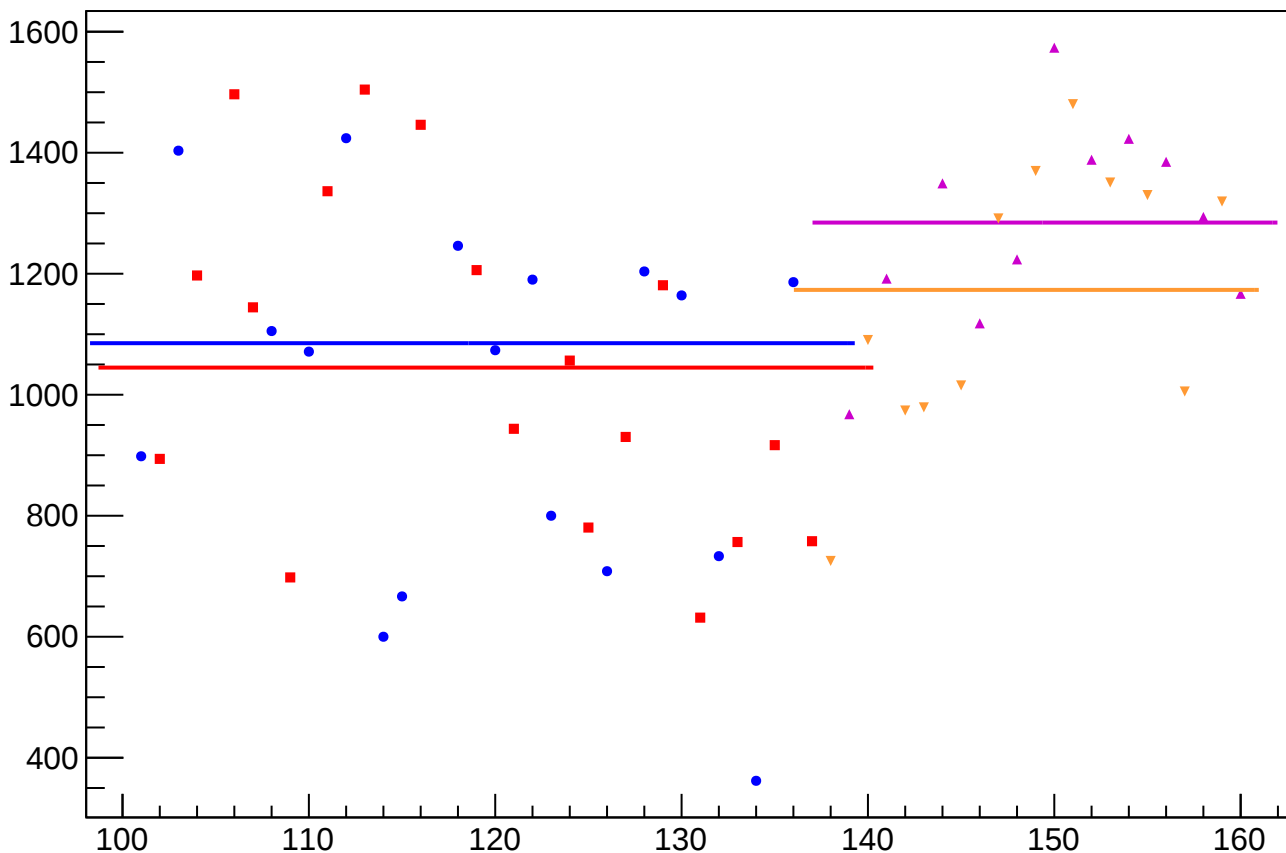
Left In: 1.117 ± 0.000 χ^2/NDF : 49235563214758682247299927638016.0/10

All: 1.313 ± 0.000 χ^2/NDF : 62725316120640

+ sign 1.347 ± 0.000 χ^2/NDF : 31826840935041259

- sign 1.280 ± 0.000 χ^2/NDF : 30537443722409663

dit_4eY_coil4_Ndata_mean vs Slug



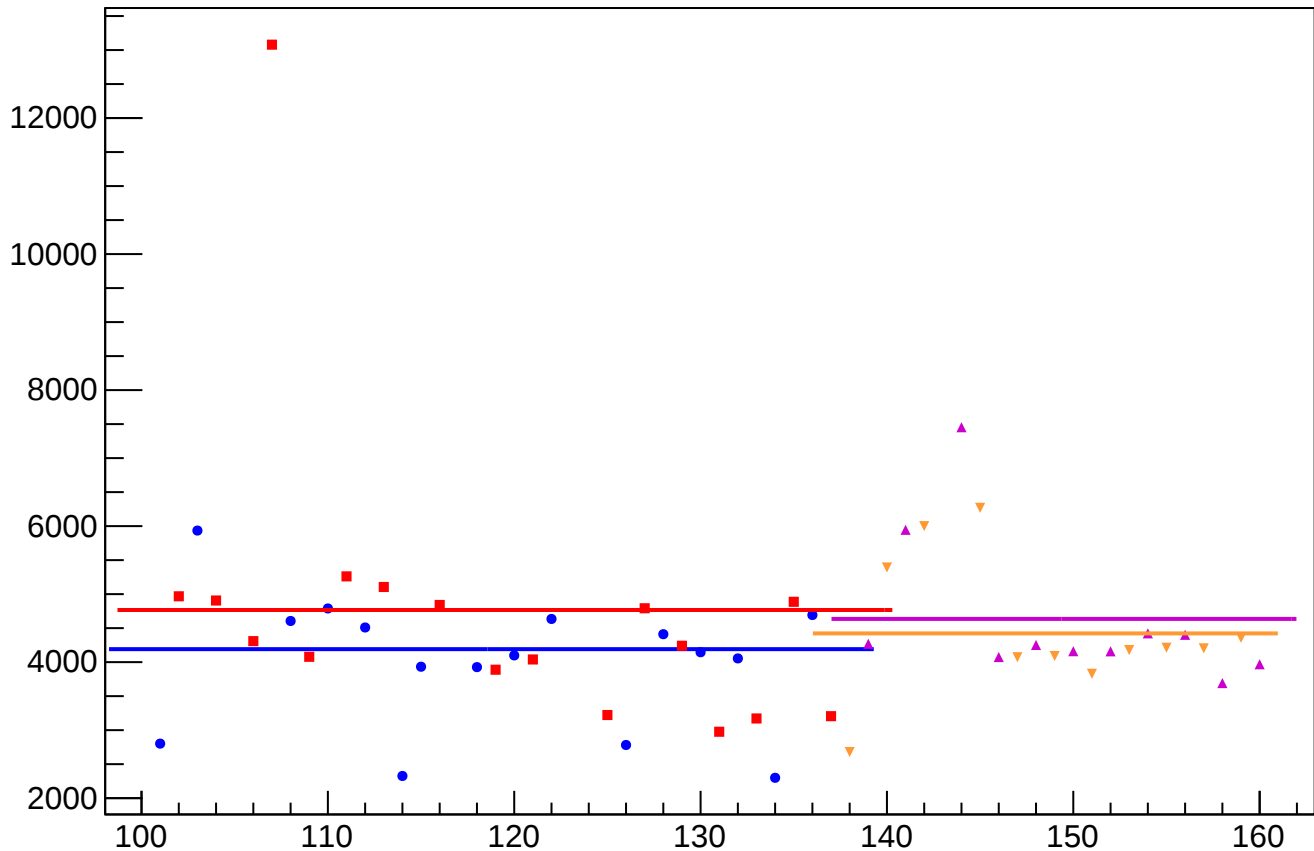
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

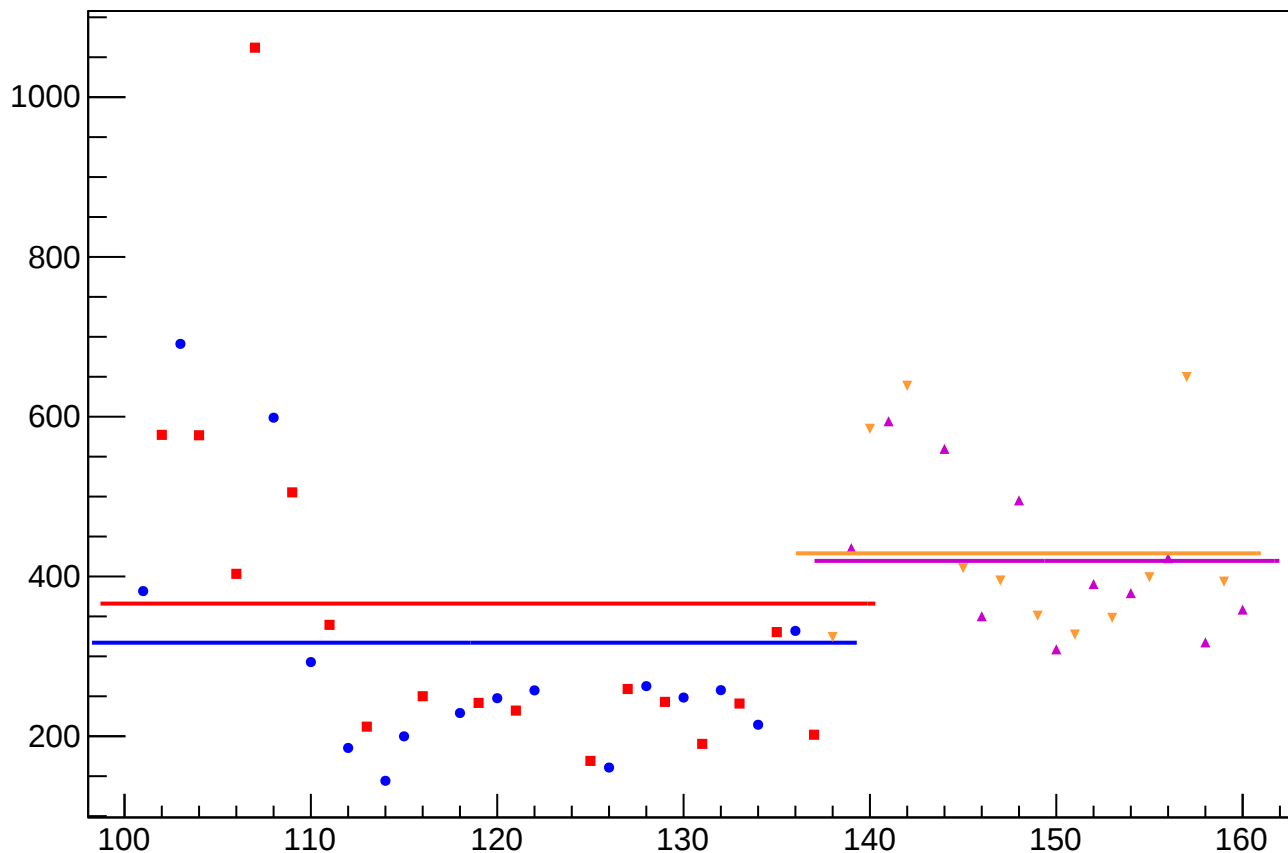
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

dit_usl_coil4_mean vs Slug



Right In: 4190.973+/-0.000	χ^2/NDF : 554038134535494230935556440305969397760.0/15	+ sign 4318.228+/-0.000	χ^2/NDF : 13275652011608
Left Out: 4422.510+/-0.000	χ^2/NDF : 753196682646313209134126931375441313792.0/10	All: 4511.030+/-0.000	χ^2/NDF : 54737473677
Right Out: 4766.714+/-0.000	χ^2/NDF : 2969196242721495635889986773908602224640.0/16	- sign 4691.797+/-0.000	χ^2/NDF : 40358396760217
Left In: 4635.509+/-0.000	χ^2/NDF : 1059752939887595758489348119495845085184.0/10		

dit_usl_coil4_err_mean vs Slug



Right In: 317.084+/-0.000 χ^2/NDF : 15440276359245580191741047920465543168.0/15

Left Out: 428.978+/-0.000 χ^2/NDF : 10626522837529690140021114504579383296.0/10

Right Out: 366.053+/-0.000 χ^2/NDF : 31157973605683459615642144815175434240.0/16

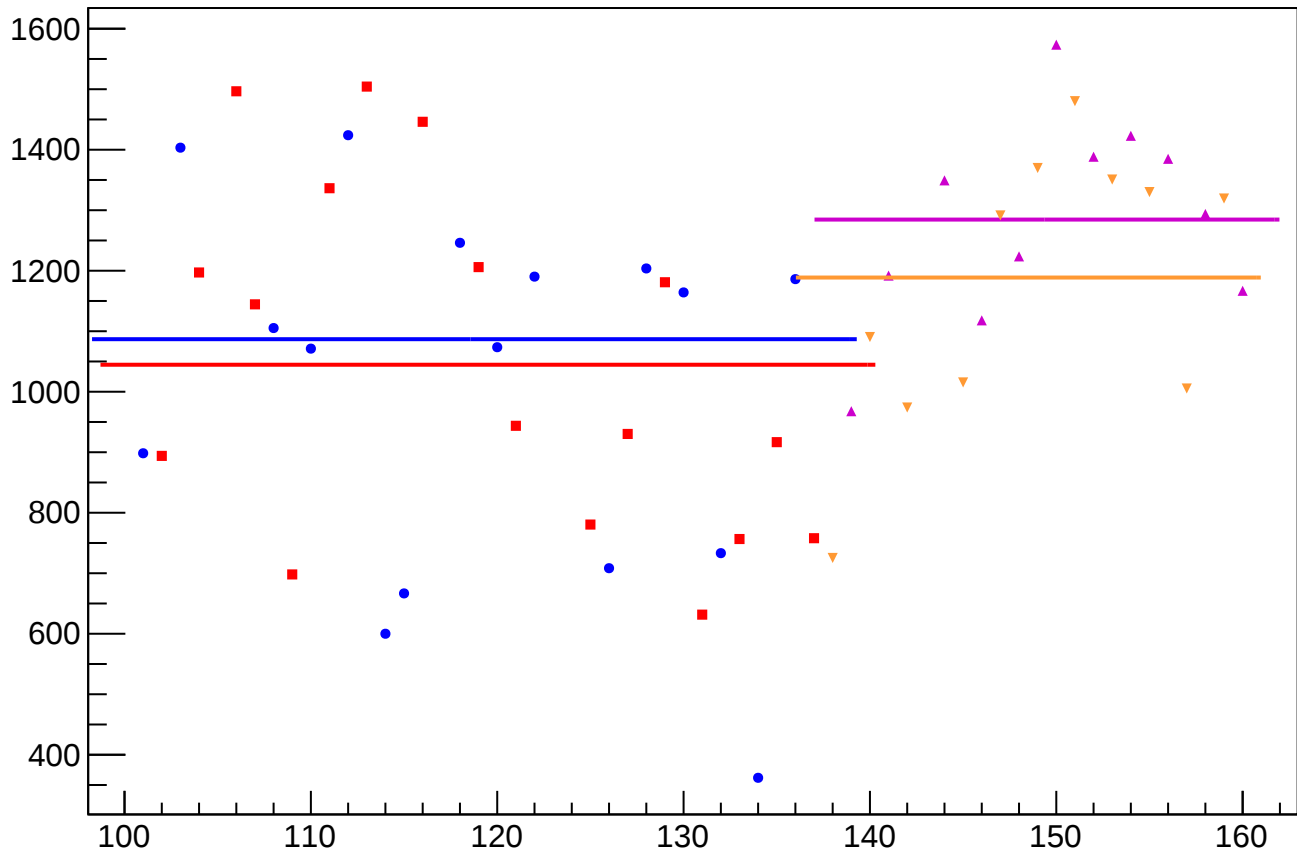
Left In: 419.525+/-0.000 χ^2/NDF : 7733869691626146763225313004956418048.0/10

+ sign 378.582+/-0.000 χ^2/NDF : 308148239260214

All: 387.873+/-0.000 χ^2/NDF : 711073608373

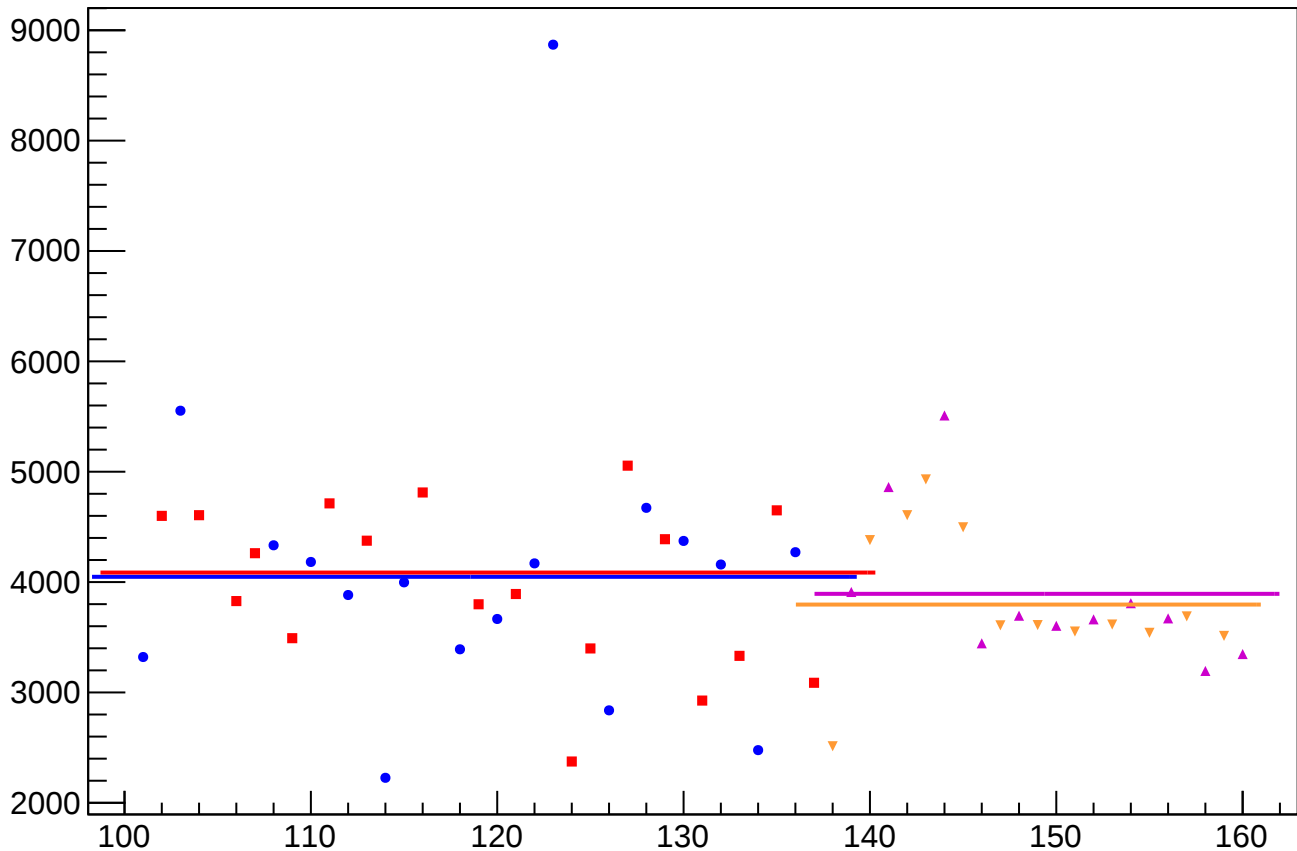
- sign 396.585+/-0.000 χ^2/NDF : 400362792216568

dit_usl_coil4_Ndata_mean vs Slug



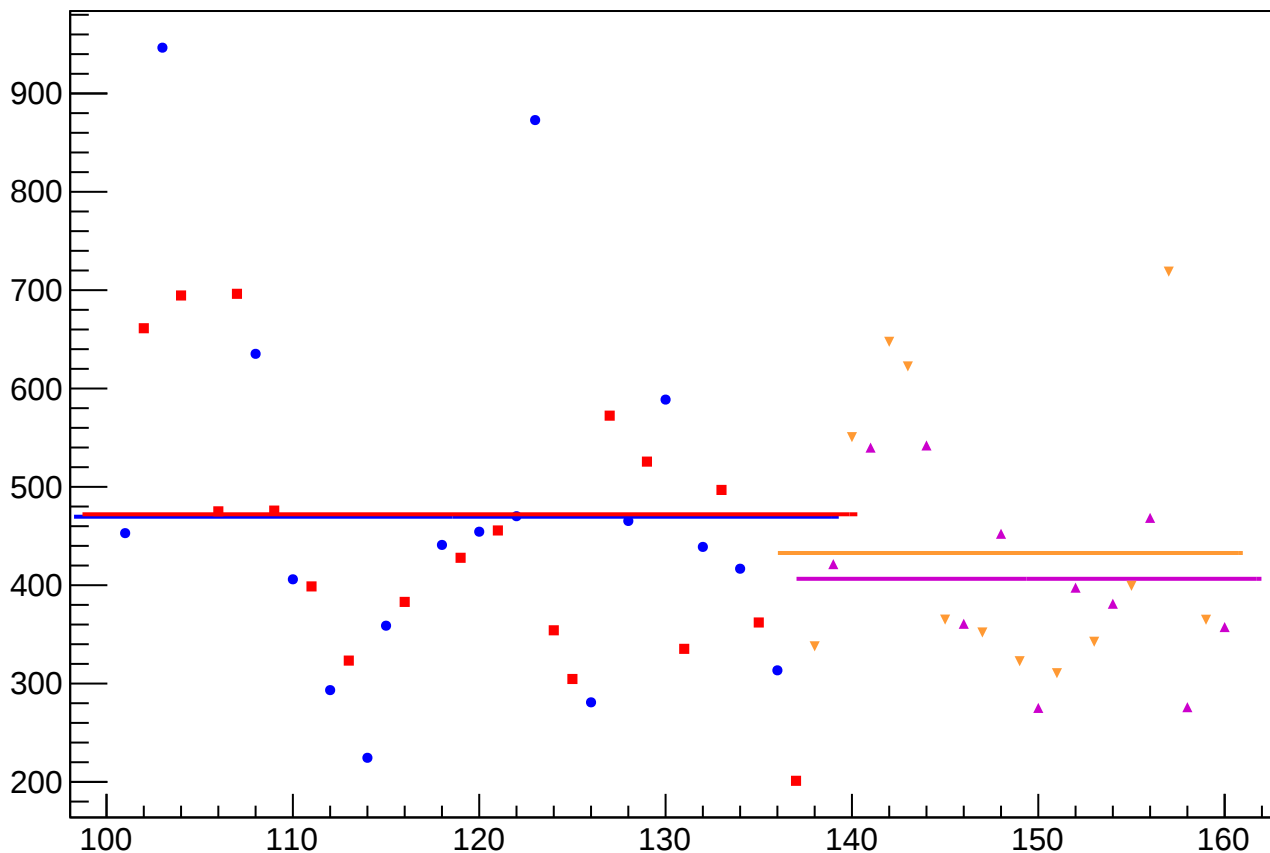
Right In: 1086.839 $\pm$ 0.000 χ^2 /NDF: 44275849492978077110615226297834536960.0/15
 Left Out: 1188.739 $\pm$ 0.000 χ^2 /NDF: 39812899139477527607362290262896279552.0/10
 Right Out: 1044.621 $\pm$ 0.000 χ^2 /NDF: 50844042601115178022623217176499191808.0/16
 Left In: 1284.540 $\pm$ 0.000 χ^2 /NDF: 24056417049221053484728394918859374592.0/10

dit_usr_coil4_mean vs Slug



Right In: 4047.777+/-0.000 χ^2/NDF : 474277601546286209707812771687018004480.0/16
 Left Out: 3796.236+/-0.000 χ^2/NDF : 336687829589722132467600550527009554432.0/11
 Right Out: 4086.316+/-0.000 χ^2/NDF : 301982700213825275137563978140215148544.0/17
 Left In: 3893.435+/-0.000 χ^2/NDF : 413166584185760487956391730192104554496.0/10

dit_usr_coil4_err_mean vs Slug



Right In: 469.645+/-0.000 χ^2/NDF : 22201042961896219188176863921652629504.0/16

Left Out: 432.752+/-0.000 χ^2/NDF : 16613778156502227039812648208749821952.0/11

Right Out: 472.112+/-0.000 χ^2/NDF : 12398871924669384395849092219212398592.0/17

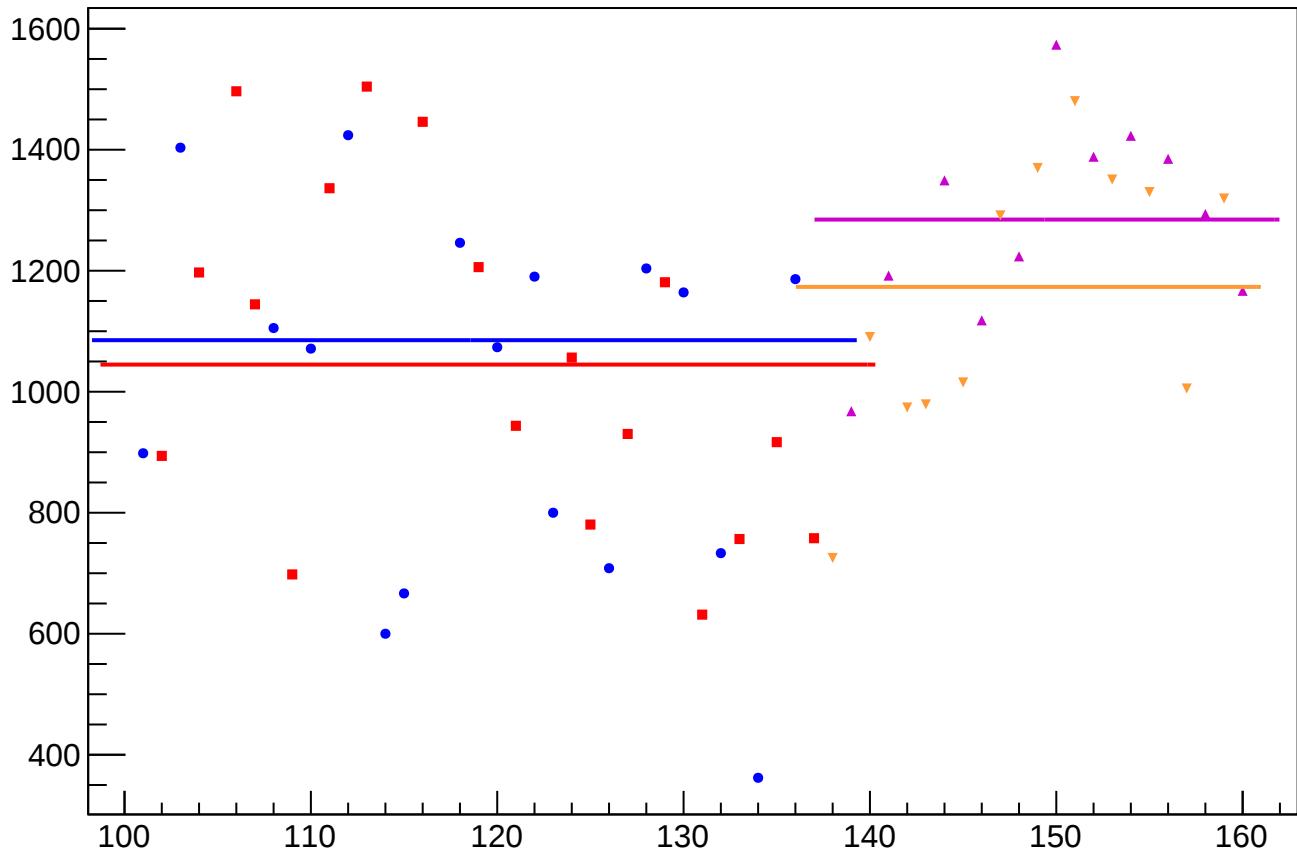
Left In: 406.513+/-0.000 χ^2/NDF : 7035979744021755230989165632233144320.0/10

+ sign 448.725+/-0.000 χ^2/NDF : 393504625482800

All: 441.754+/-0.000 χ^2/NDF : 606808538703

- sign 434.974+/-0.000 χ^2/NDF : 211767373509698

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

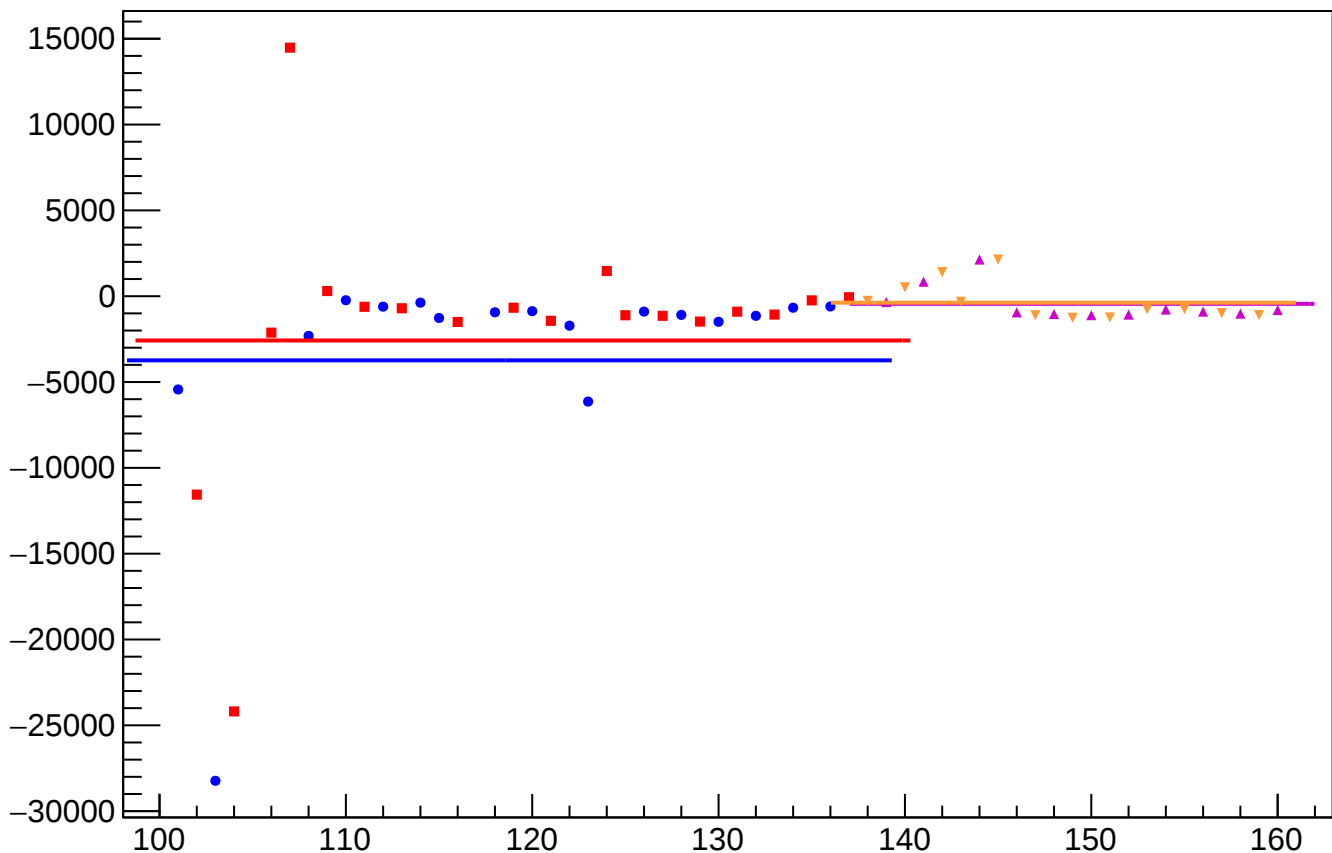
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

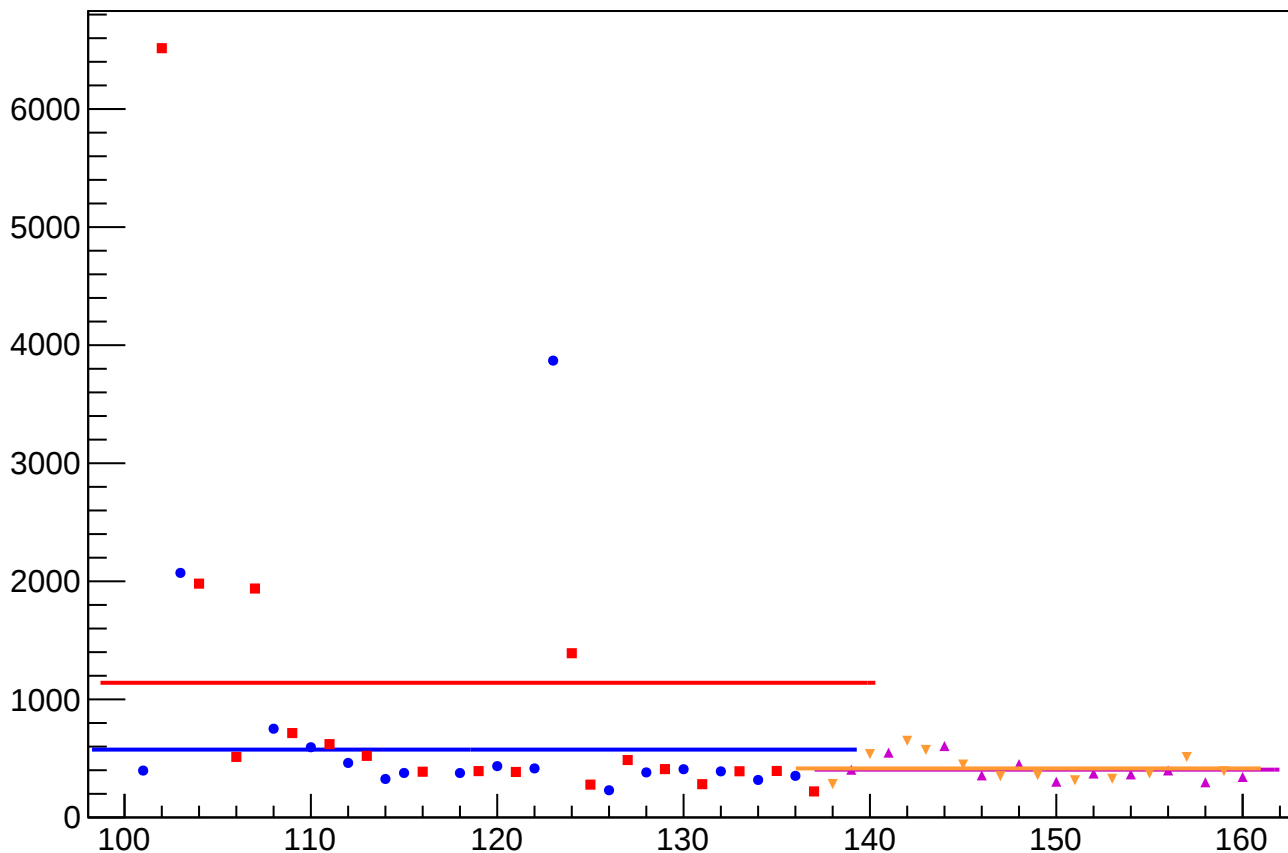
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_atl1_coil4_mean vs Slug



Right In: -3737.261 ± 0.000 χ^2/NDF : 39970682954500817220133496875438988853248.0/16
 Left Out: -377.495 ± 0.000 χ^2/NDF : 962483060737220205564221178088372830208.0/11
 Right Out: -2578.788 ± 0.000 χ^2/NDF : 41033783209718443304558448411646302879744.0/17
 Left In: -444.428 ± 0.000 χ^2/NDF : 923276009049297948790551518127417458688.0/10

dit_atl1_coil4_err_mean vs Slug



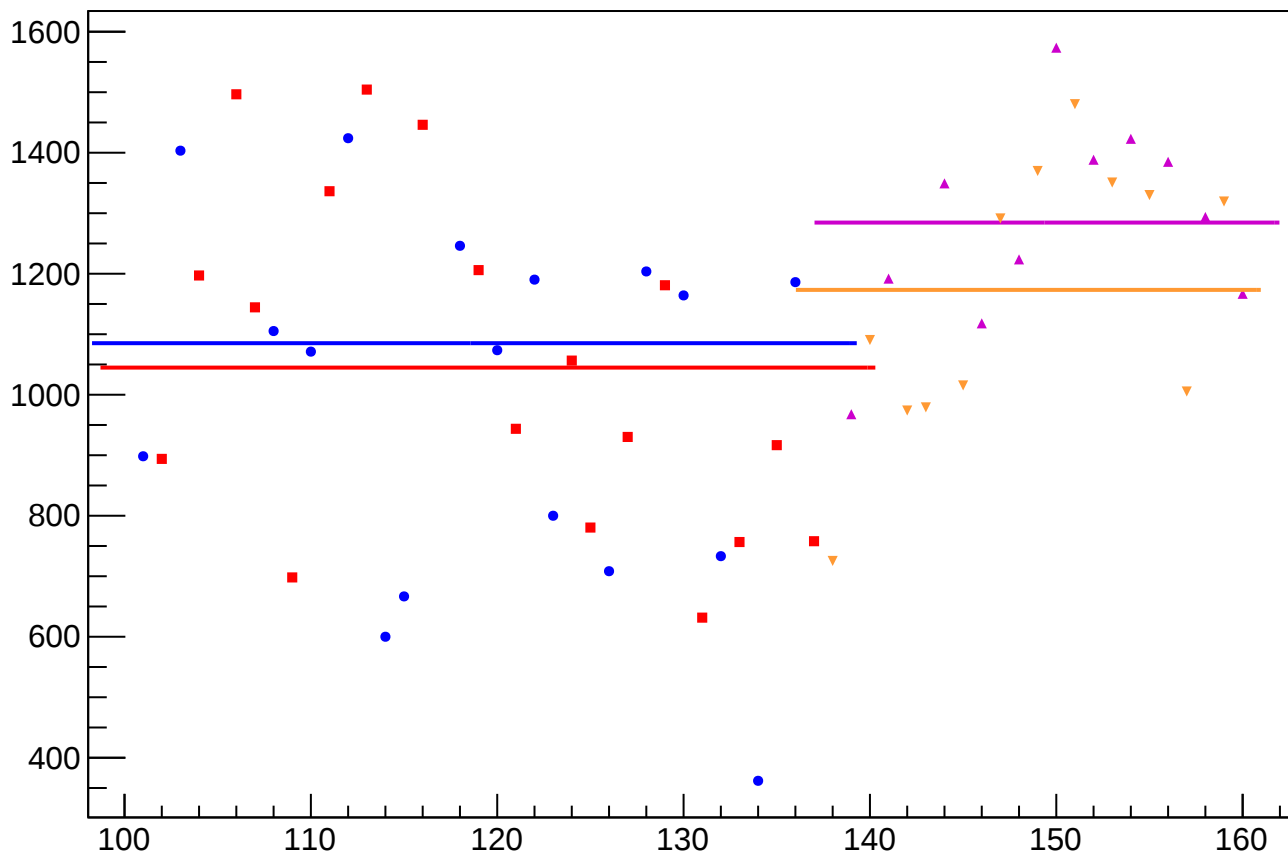
Right In: 574.655+/-0.000 χ^2/NDF : 199698400452439530730016550179978608640.0/16

Left Out: 415.289+/-0.000 χ^2/NDF : 9749177635603258088647624710302990336.0/11

Right Out: 1140.608+/-0.000 χ^2/NDF : 2013558101221942862779211693423515926528.0/17

Left In: 404.849+/-0.000 χ^2/NDF : 8121817838558046042338349225347121152.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

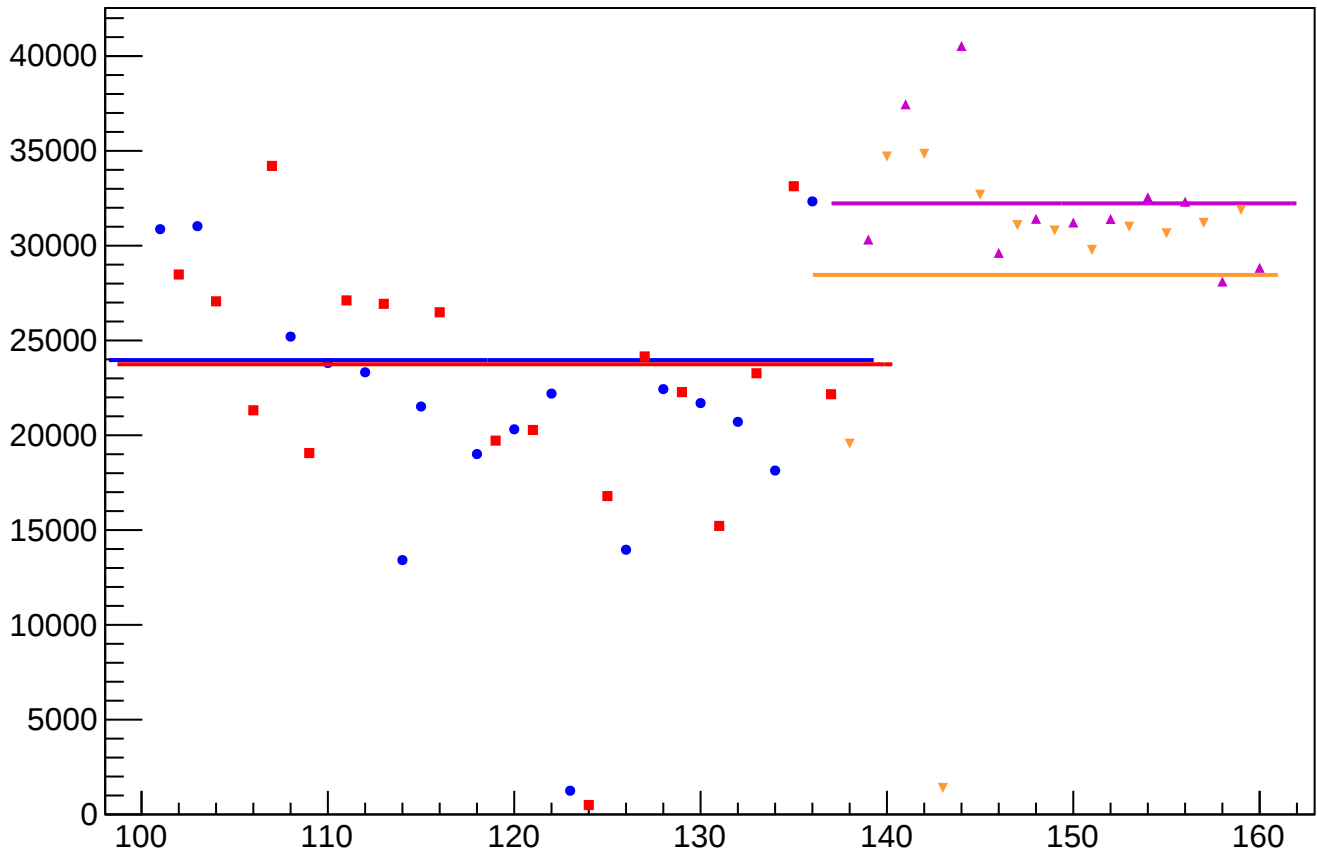
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

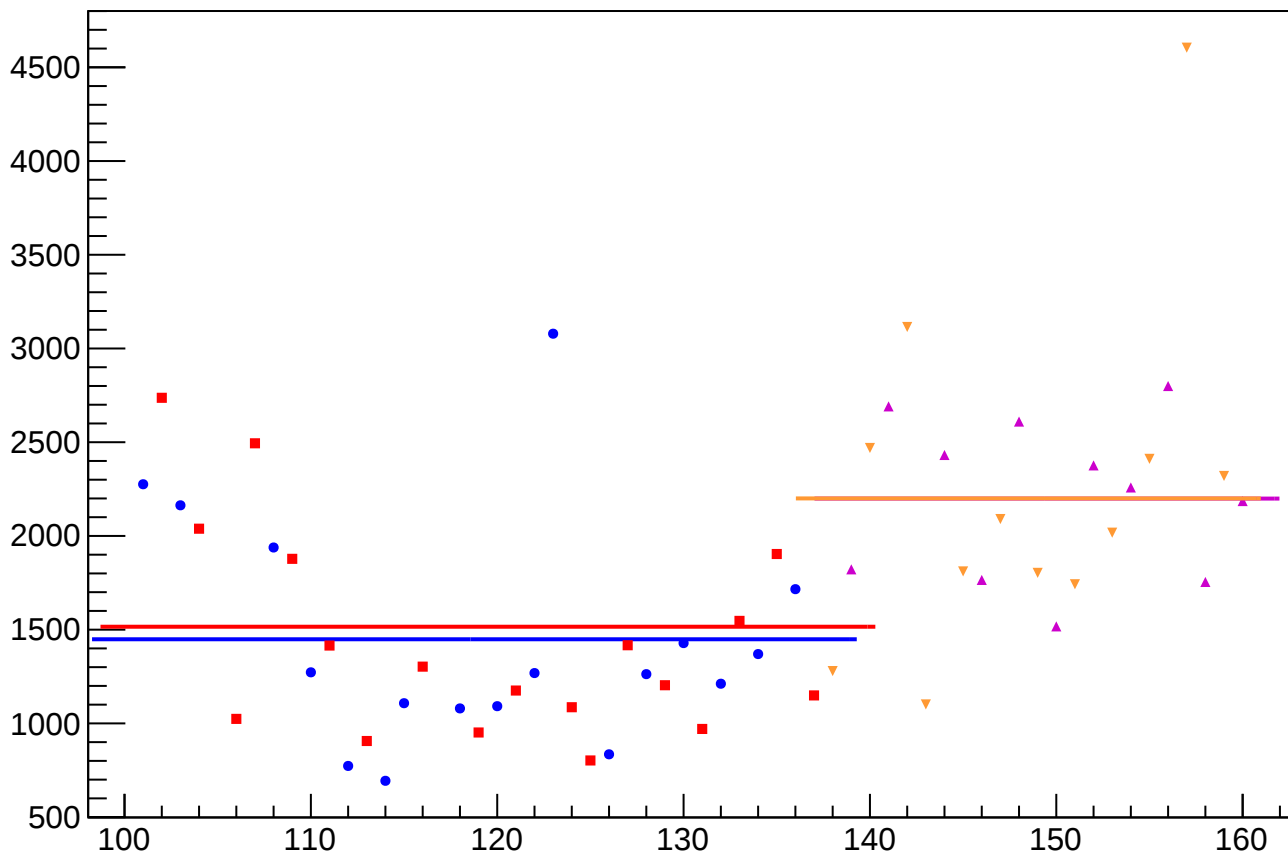
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_atl2_coil4_mean vs Slug



Right In: 23965.147+/-0.000 χ^2/NDF : 22982900561545593794269983567622080299008.0/16
 Left Out: 28458.038+/-0.000 χ^2/NDF : 65276775110198217312307166333227962990592.0/11
 Right Out: 23743.519+/-0.000 χ^2/NDF : 25937218131071515690144071247519476088832.0/17
 Left In: 32231.777+/-0.000 χ^2/NDF : 11867262349376140232643052148473974489088.0/10

dit_atl2_coil4_err_mean vs Slug



Right In: 1448.784+/-0.000 χ^2/NDF : 161243667372586677805499102921584803840.0/16

Left Out: 2200.167+/-0.000 χ^2/NDF : 669096191562201912337665879605187182592.0/11

Right Out: 1515.702+/-0.000 χ^2/NDF : 234412516405982646618467253110689497088.0/17

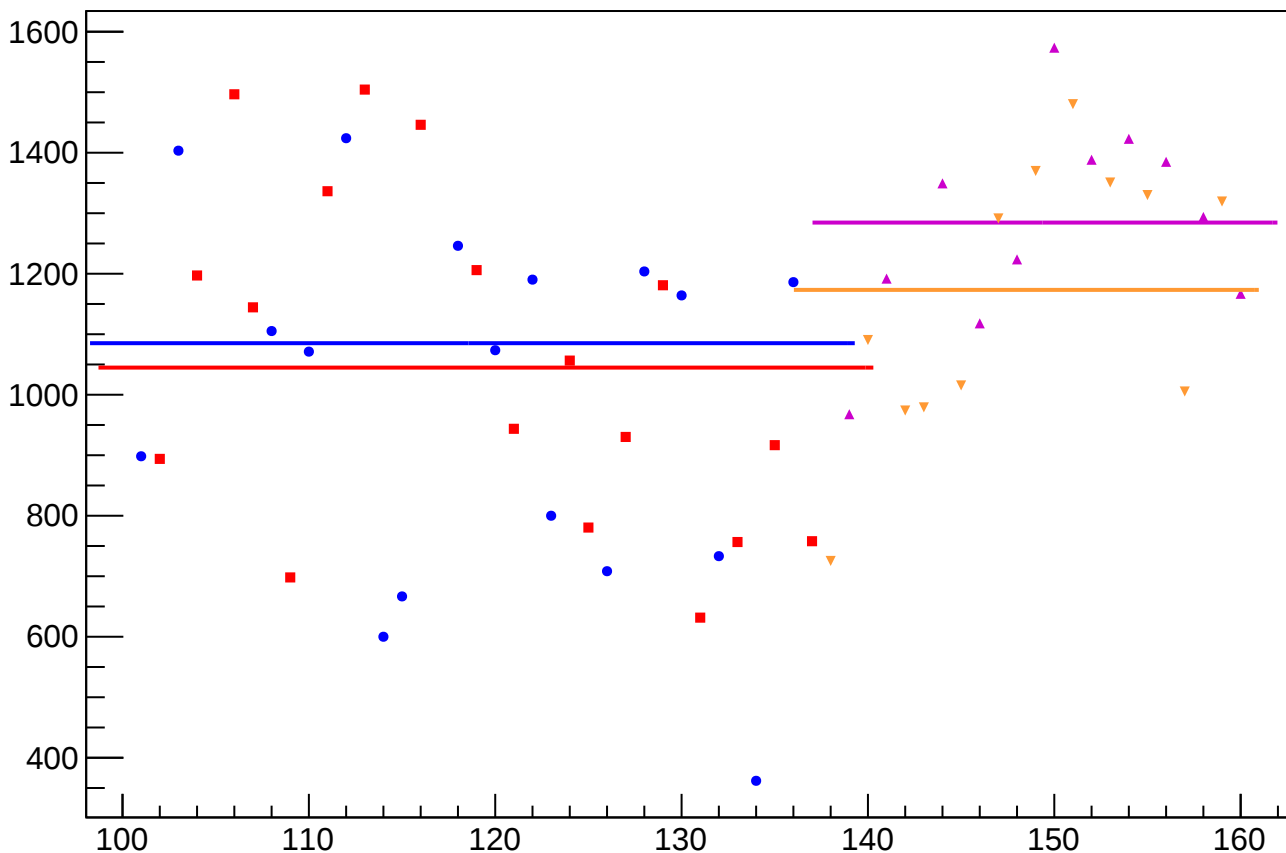
Left In: 2199.283+/-0.000 χ^2/NDF : 156934506780582925441007438753813233664.0/10

+ sign 1874.864+/-0.000 χ^2/NDF : 10525234712210

All: 1888.977+/-0.000 χ^2/NDF : 16336522422

- sign 1902.705+/-0.000 χ^2/NDF : 58049893545710

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

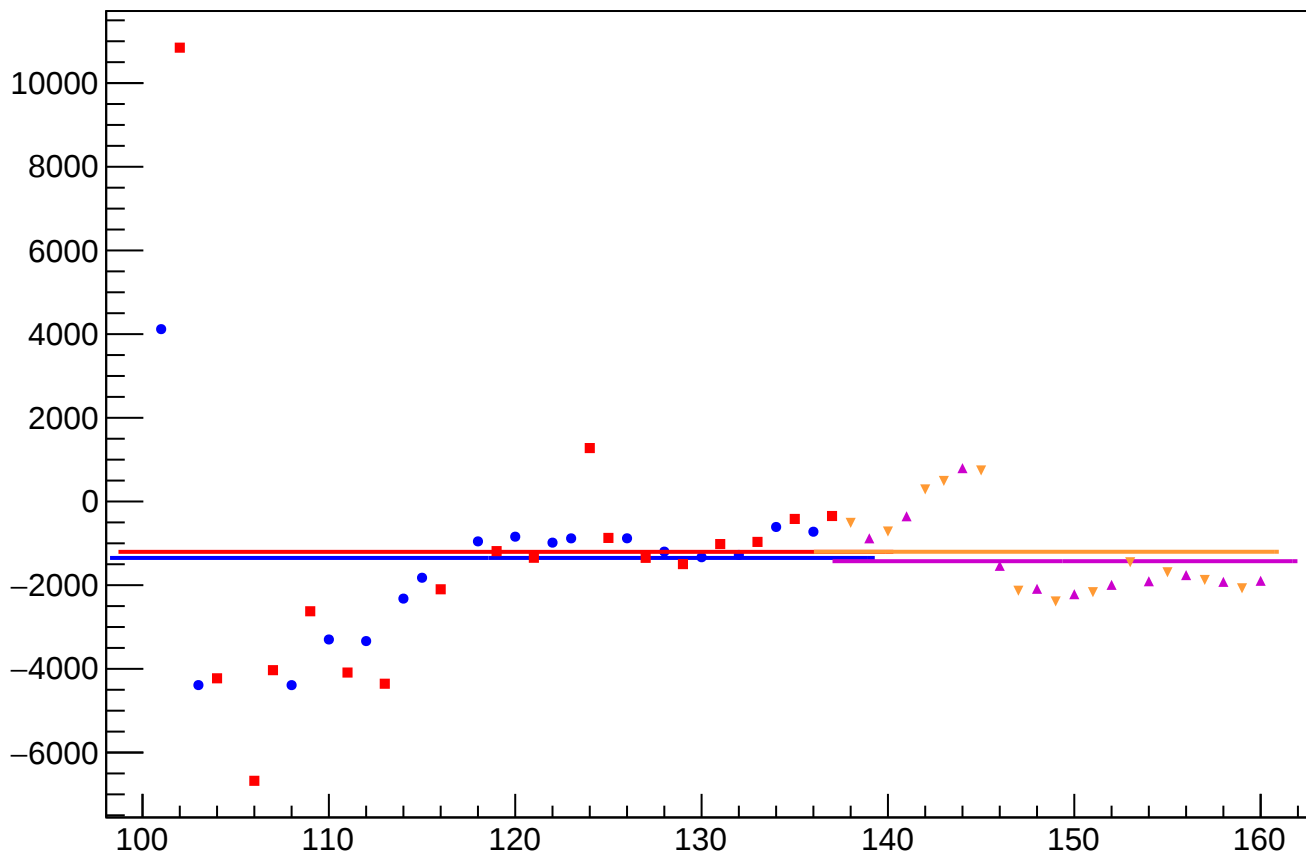
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

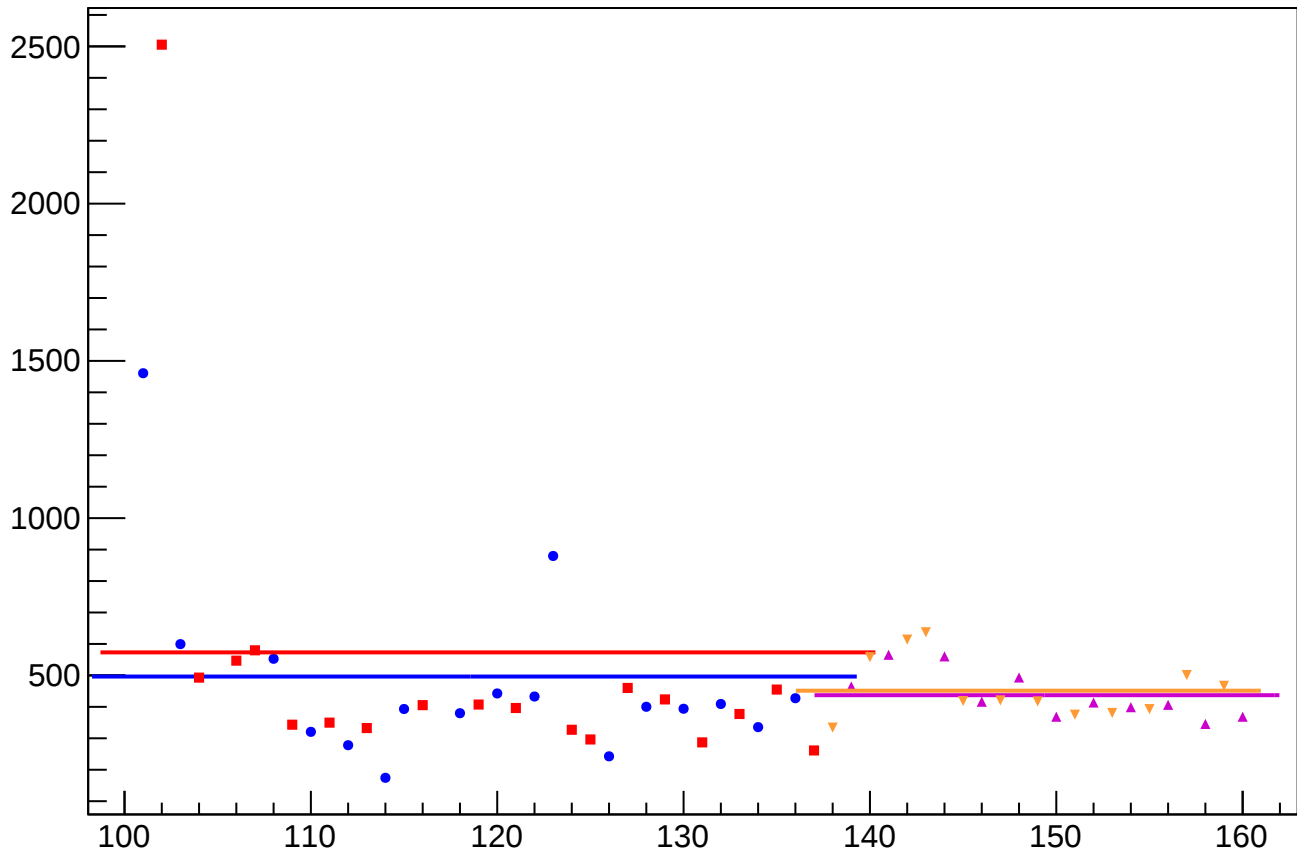
dit_atr1_coil4_mean vs Slug



Right In: -1349.176+/-0.000	χ^2/NDF : 3084941184045918680057306663363310256128.0/16
Left Out: -1201.551+/-0.000	χ^2/NDF : 1022278799851765665232545195889702993920.0/11
Right Out: -1203.612+/-0.000	χ^2/NDF : 11193438968454164485978999260490441424896.0/17
Left In: -1427.044+/-0.000	χ^2/NDF : 751413830478220555131206140402736300032.0/10

+ sign -1265.464+/-0.000 χ^2/NDF : 4115796389108
 All: -1298.232+/-0.000 χ^2/NDF : 1608425261
 - sign -1330.106+/-0.000 χ^2/NDF : 11965060685998

dit_atr1_coil4_err_mean vs Slug



Right In: 496.351+/-0.000 χ^2/NDF : 66983748455015205041159290240142147584.0/16

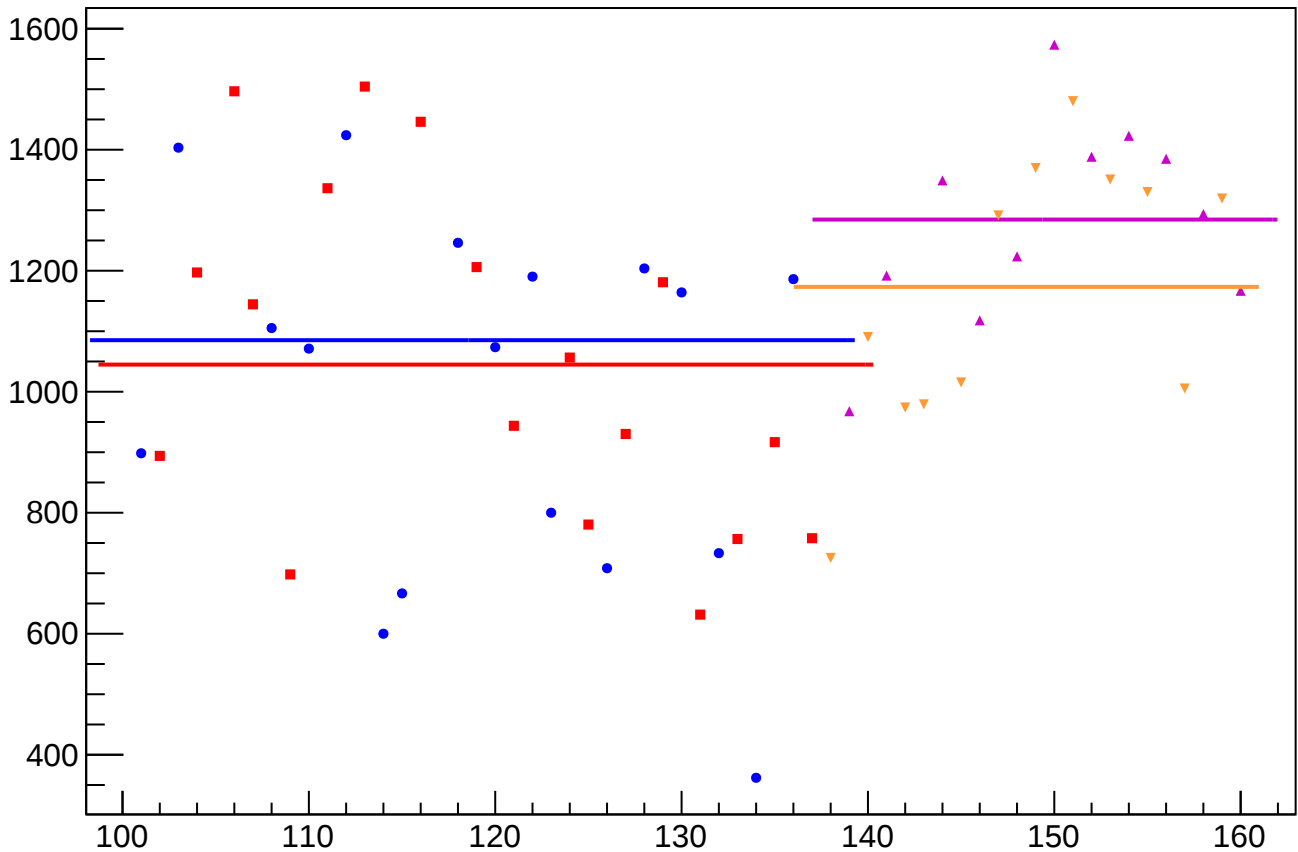
Left Out: 451.374+/-0.000 χ^2/NDF : 7134946740505986037701205636285464576.0/11

Right Out: 573.168+/-0.000 χ^2/NDF : 240073229917698868720276393416726675456.0/17

Left In: 437.047+/-0.000 χ^2/NDF : 4864659833143539285467190686845501440.0/10

All: 483.650+/-0.000 χ^2/NDF : 327871415583.0/40

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

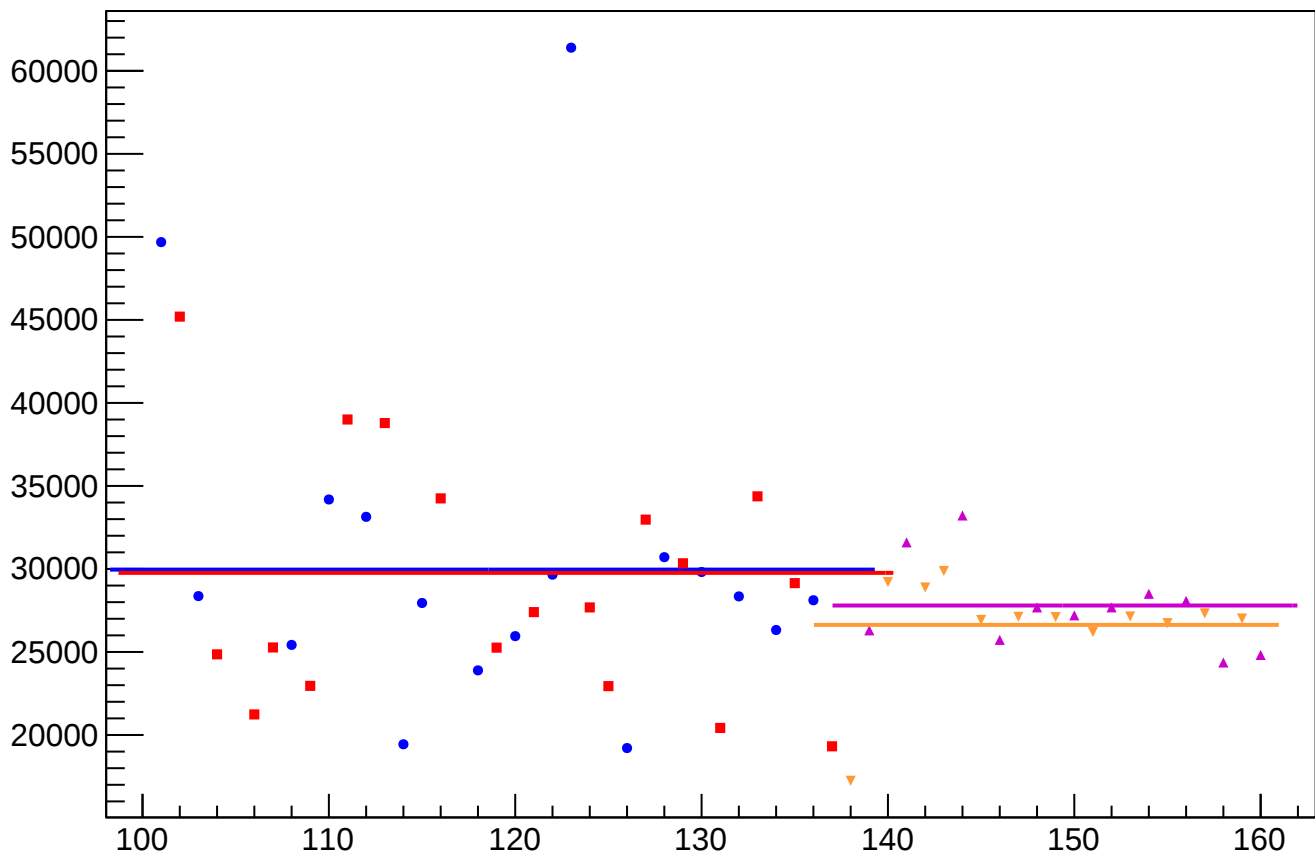
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

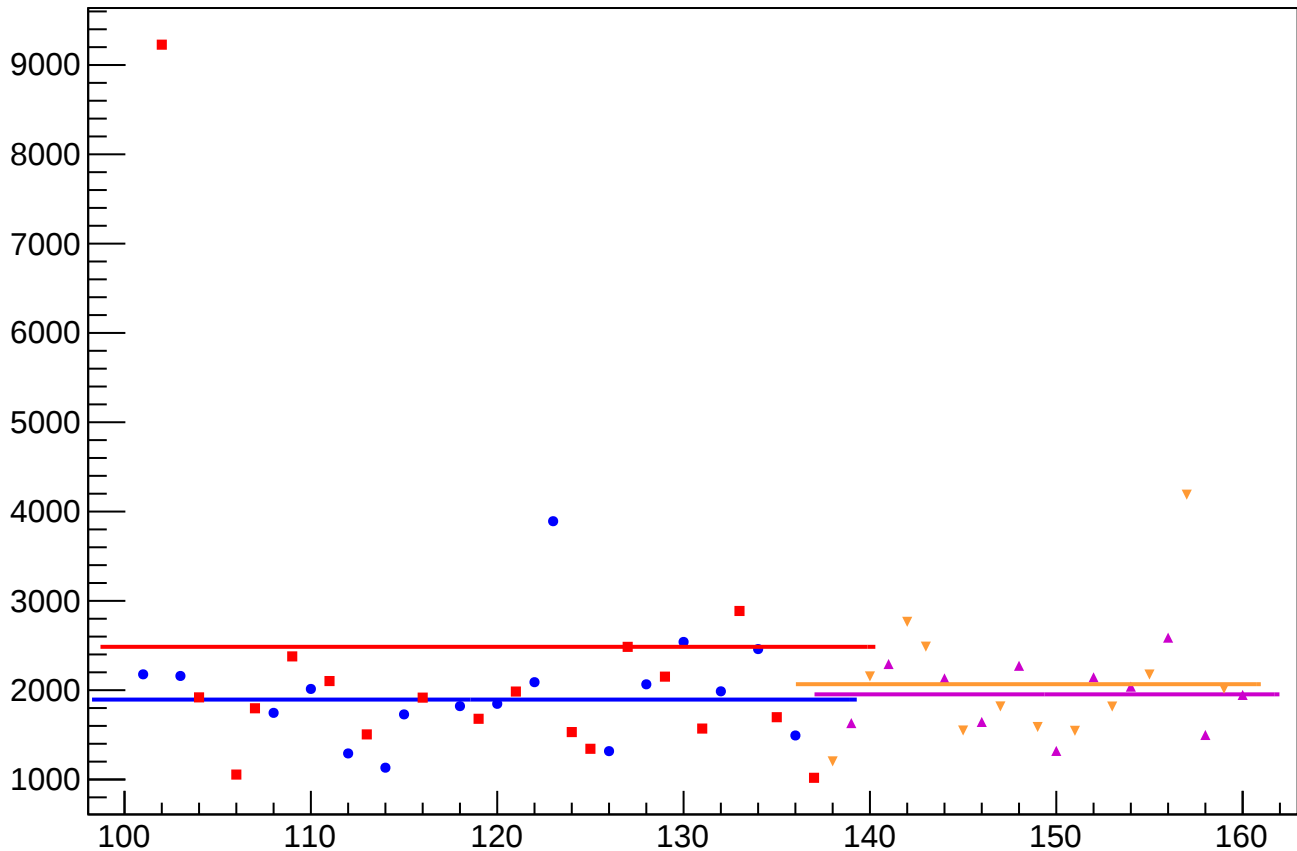
dit_atr2_coil4_mean vs Slug



Right In: 29960.563+/-0.000	χ^2/NDF : 38272709086570322906485359352807285587968.0/16
Left Out: 26632.417+/-0.000	χ^2/NDF : 8490243568880868958289706883488159891456.0/11
Right Out: 29764.245+/-0.000	χ^2/NDF : 38095124017741211444799459233695721848832.0/17
Left In: 27798.105+/-0.000	χ^2/NDF : 6158980585091942758745963697527175774208.0/10

+ sign 28073.299+/-0.000 χ^2/NDF : 5112203081983
 All: 28366.215+/-0.000 χ^2/NDF : 9721225730
 - sign 28651.133+/-0.000 χ^2/NDF : 4581890749536

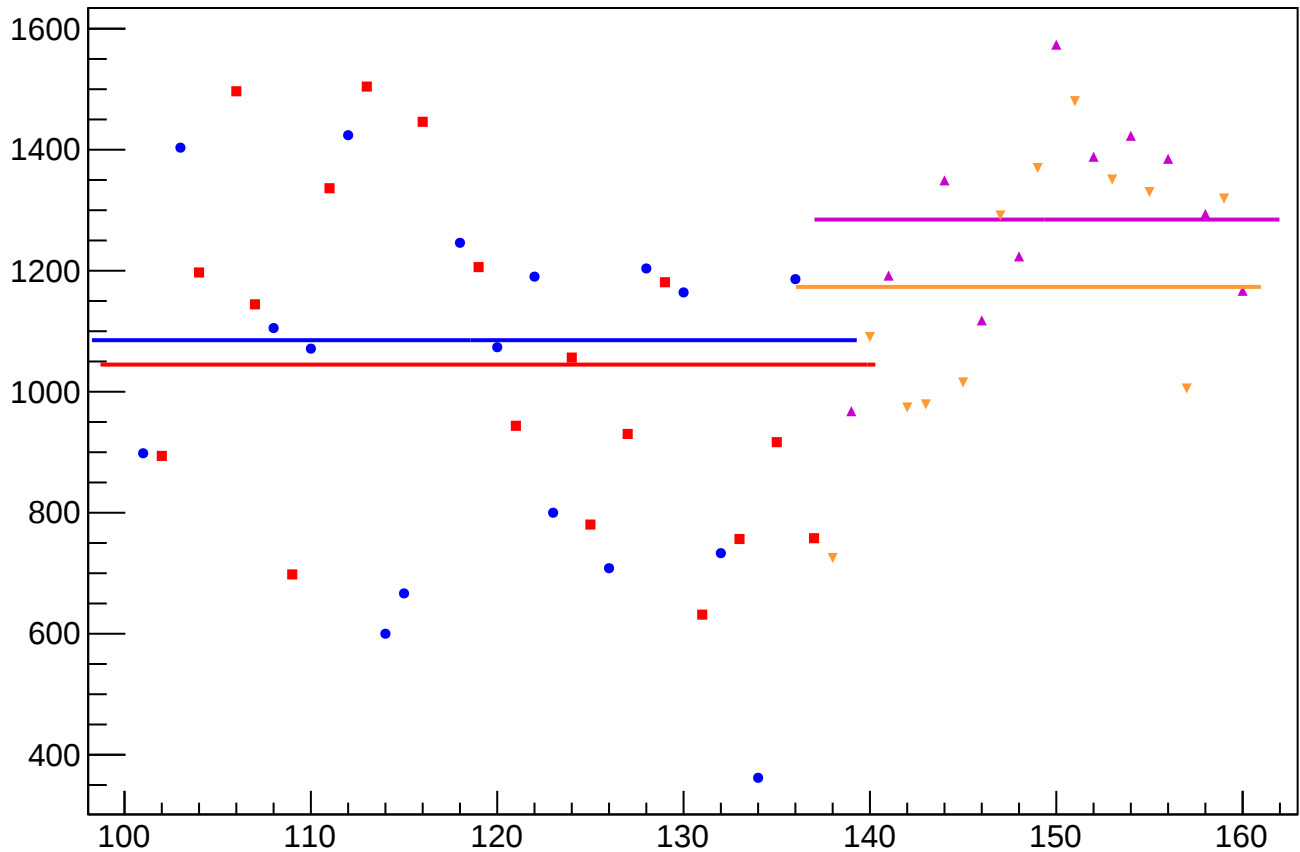
dit_atr2_coil4_err_mean vs Slug



Right In: 1894.762+/-0.000 χ^2/NDF : 112136505207273757562412234872415322112.0/16
 Left Out: 2067.096+/-0.000 χ^2/NDF : 498951714500530031712915611537190682624.0/11
 Right Out: 2485.438+/-0.000 χ^2/NDF : 3007798896738182941908815432963258843136.0/17
 Left In: 1953.340+/-0.000 χ^2/NDF : 126893636747608035073836069635988914176.0/10

+ sign 1992.486+/-0.000 χ^2/NDF : 62277603306323
 All: 2089.668+/-0.000 χ^2/NDF : 39019408328
 - sign 2184.196+/-0.000 χ^2/NDF : 32492999090509

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

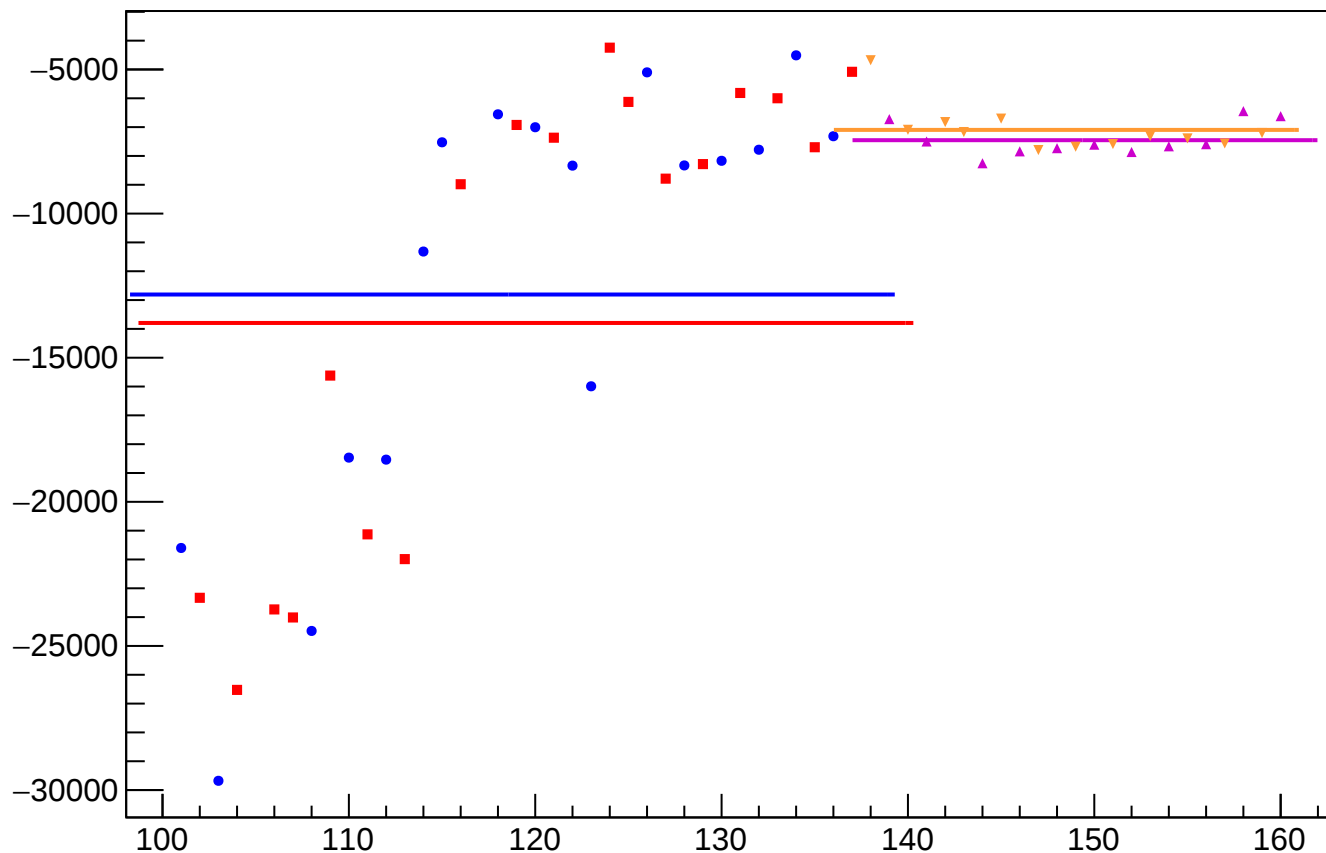
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam1_coil4_mean vs Slug



Right In: -12807.543+/-0.000 χ^2/NDF : 43495419642384540327712467114015835815936.0/16

+ sign -9568.932+/-0.000 χ^2/NDF : 5691664260785

Left Out: -7096.329+/-0.000 χ^2/NDF : 584722053171334285321257985594368196608.0/11

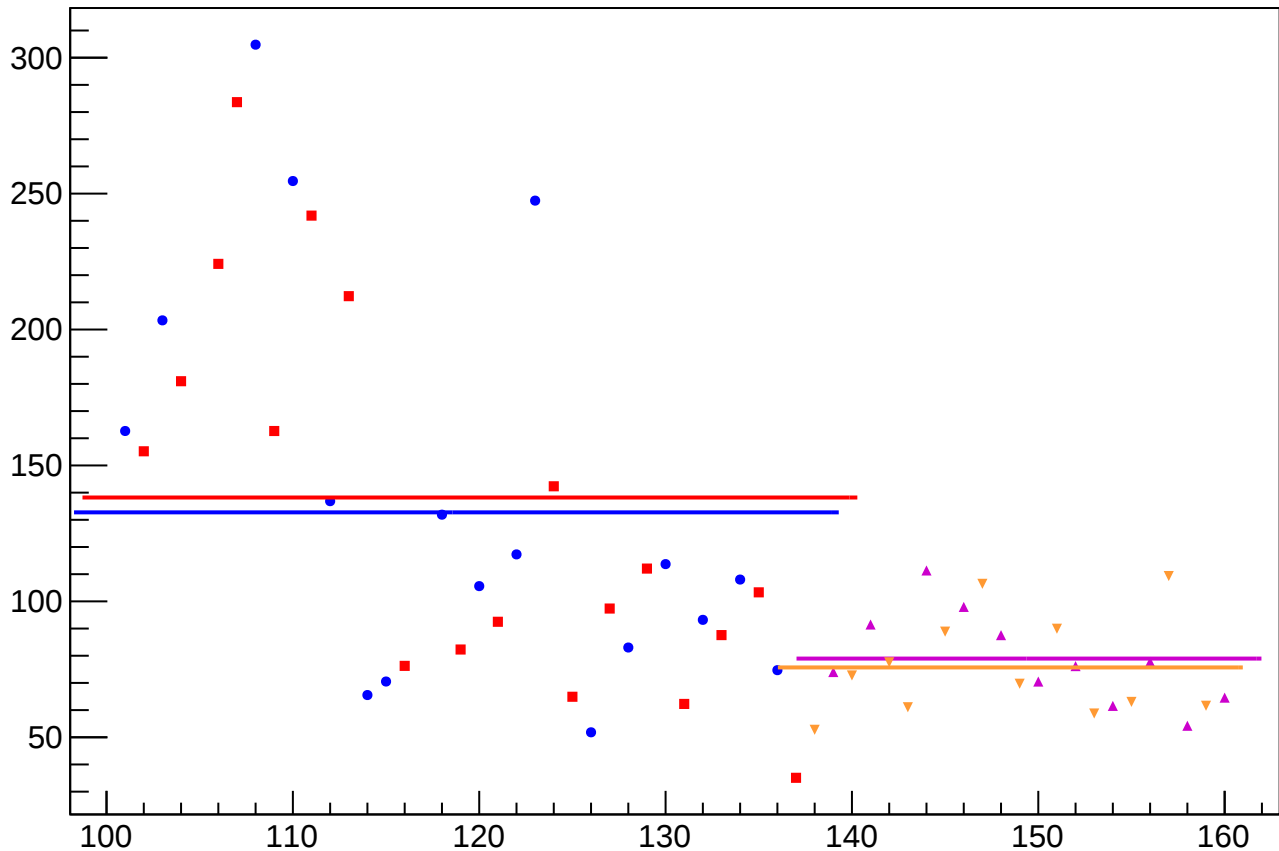
All: -9891.183+/-0.000 χ^2/NDF : 1183430201

Right Out: -13794.471+/-0.000 χ^2/NDF : 44540762371856662603320518030739625738240.0/17

- sign -10204.635+/-0.000 χ^2/NDF : 6109799348613

Left In: -7453.581+/-0.000 χ^2/NDF : 281861545149716894658296806870620307456.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 132.743+/-0.000 χ^2/NDF : 2974792347641490027349453247875121152.0/16

+ sign 100.393+/-0.000 χ^2/NDF : 455465484880578

Left Out: 75.694+/-0.000 χ^2/NDF : 299041397812904543240527879931428864.0/11

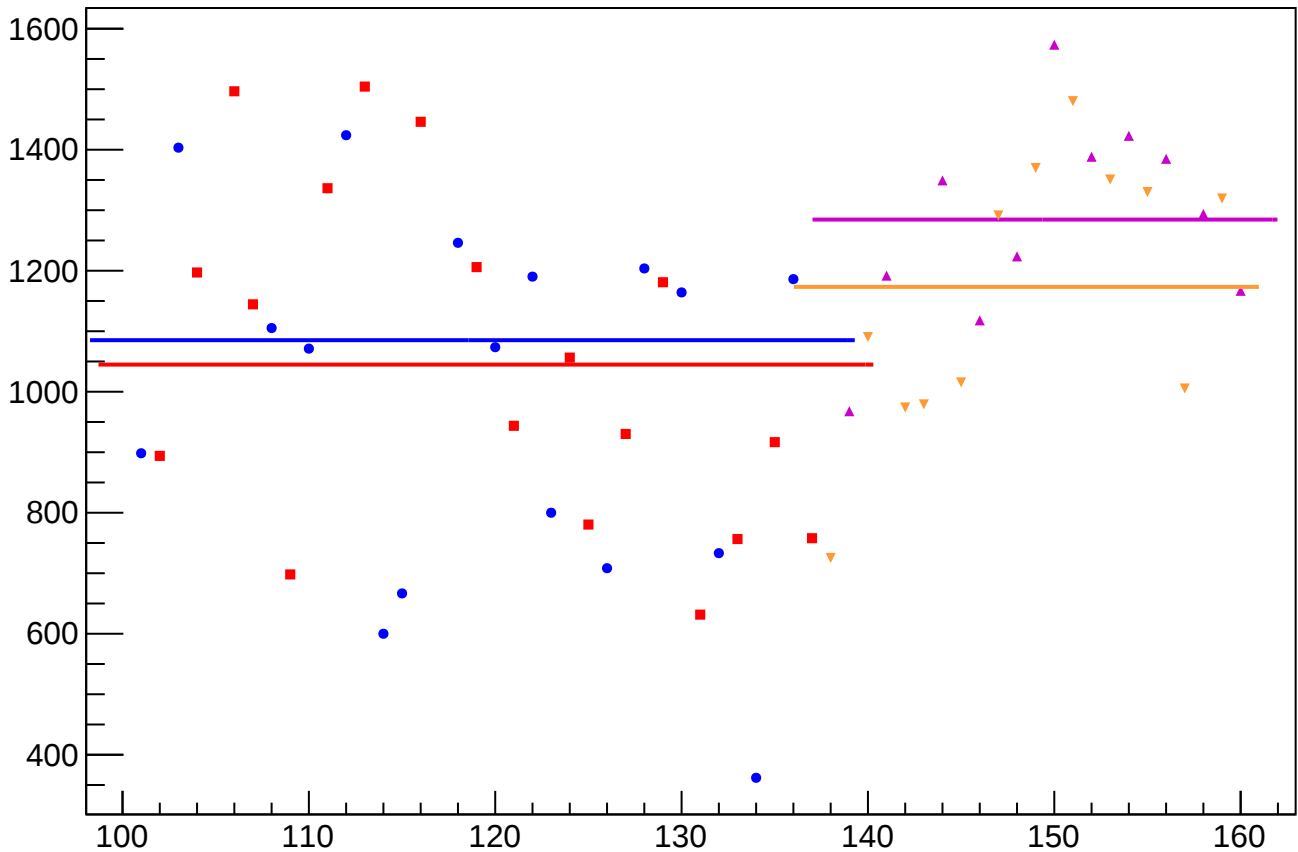
All: 102.556+/-0.000 χ^2/NDF : 931010048540

Right Out: 138.207+/-0.000 χ^2/NDF : 3073549318432471040798146297277186048.0/17

- sign 104.661+/-0.000 χ^2/NDF : 474063897841299

Left In: 78.954+/-0.000 χ^2/NDF : 245917130698538374305589687150968832.0/10

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

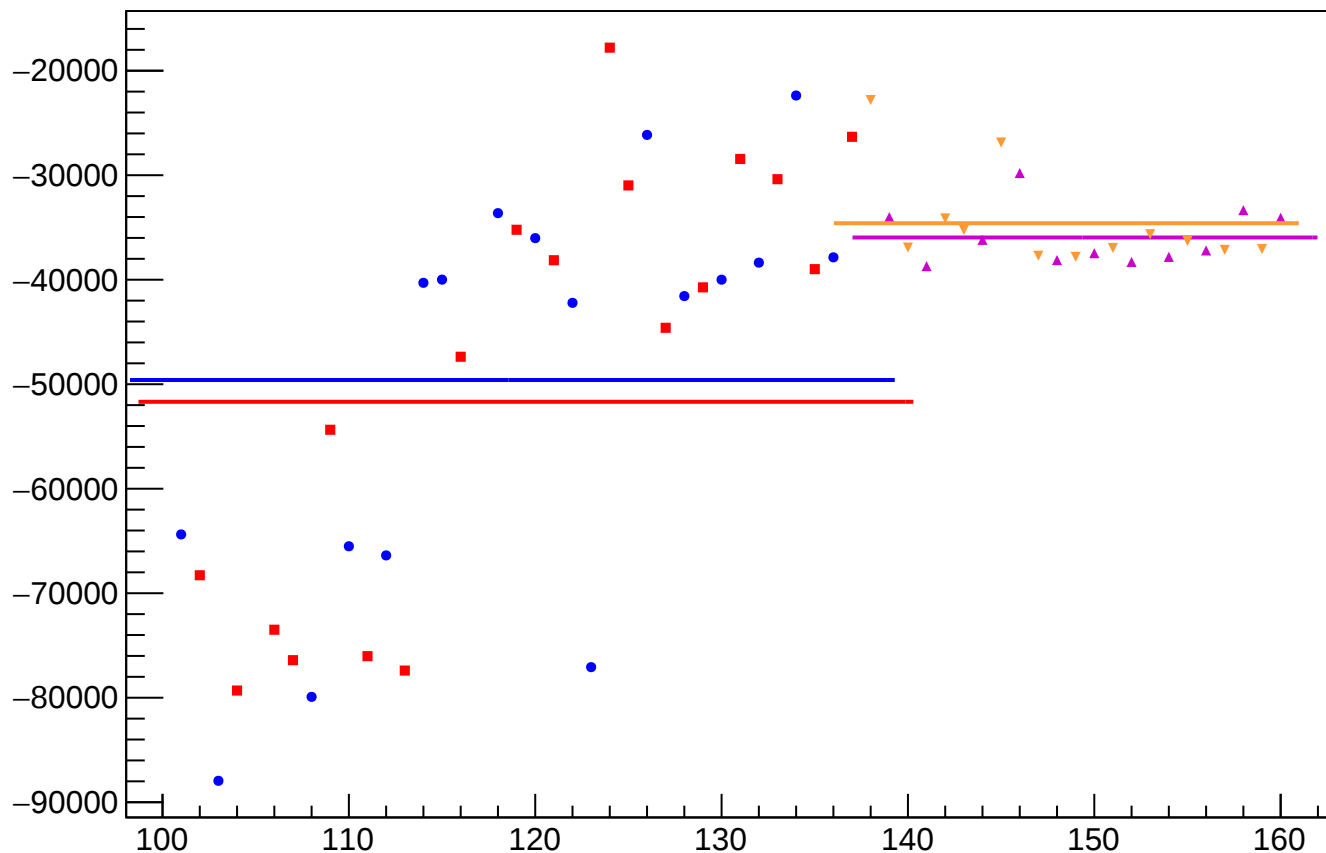
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam2_coil4_mean vs Slug



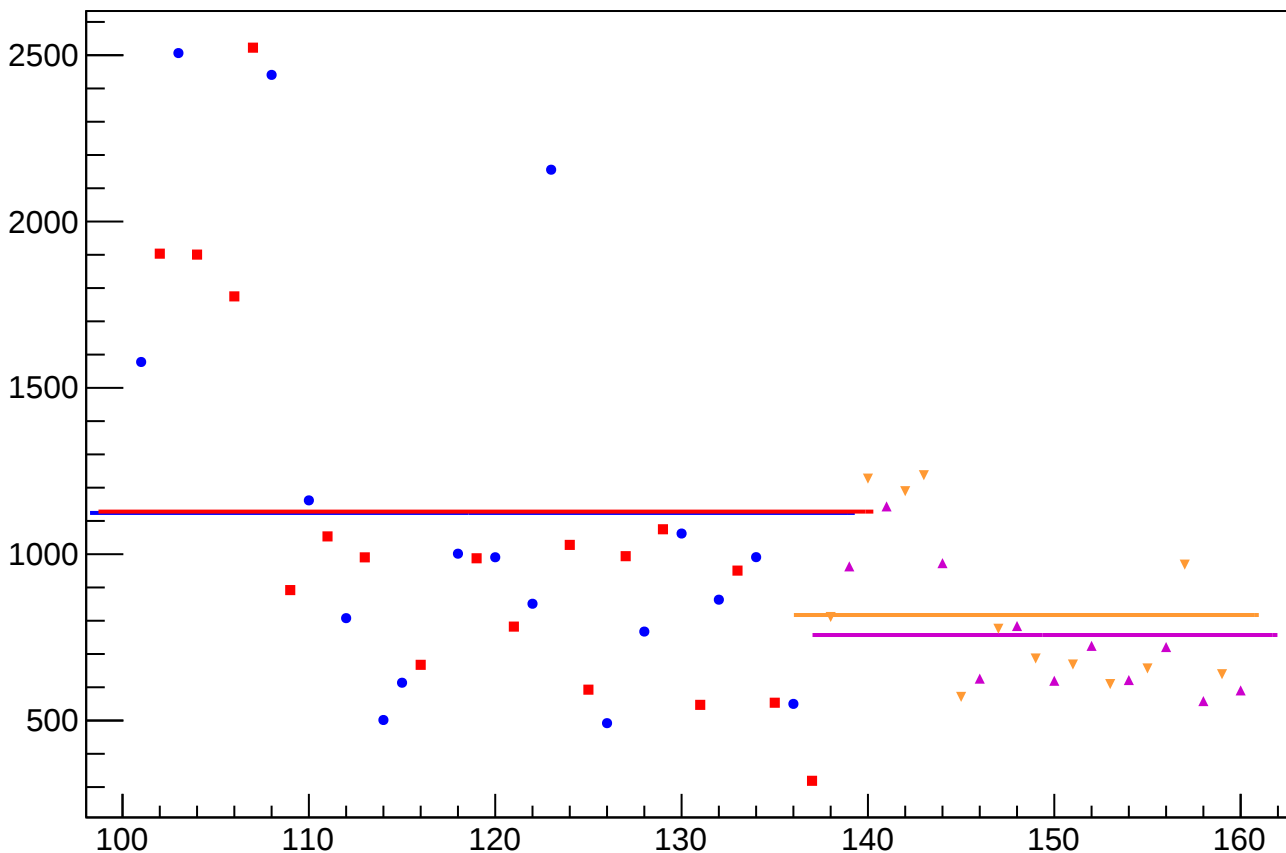
Right In: -49596.405+/-0.000	χ^2/NDF : 248313182325102448289525934605791330828288.0/16
Left Out: -34593.901+/-0.000	χ^2/NDF : 19332238764834112124747040225536159776768.0/11
Right Out: -51680.980+/-0.000	χ^2/NDF : 268094403741805330481600683125097153691648.0/17
Left In: -35959.420+/-0.000	χ^2/NDF : 6460763561716039047552359643495482261504.0/10

+ sign -41089.059+/-0.000 χ^2/NDF : 356221688672

All: -41946.417+/-0.000 χ^2/NDF : 733152366

- sign -42780.364+/-0.000 χ^2/NDF : 3746062422135

dit_sam2_coil4_err_mean vs Slug



Right In: 1124.063+/-0.000 χ^2/NDF : 267842110554403806997651522470490931200.0/16

+ sign 950.075+/-0.000 χ^2/NDF : 354832805323962

Left Out: 817.239+/-0.000 χ^2/NDF : 49942482269119198529888239758950268928.0/11

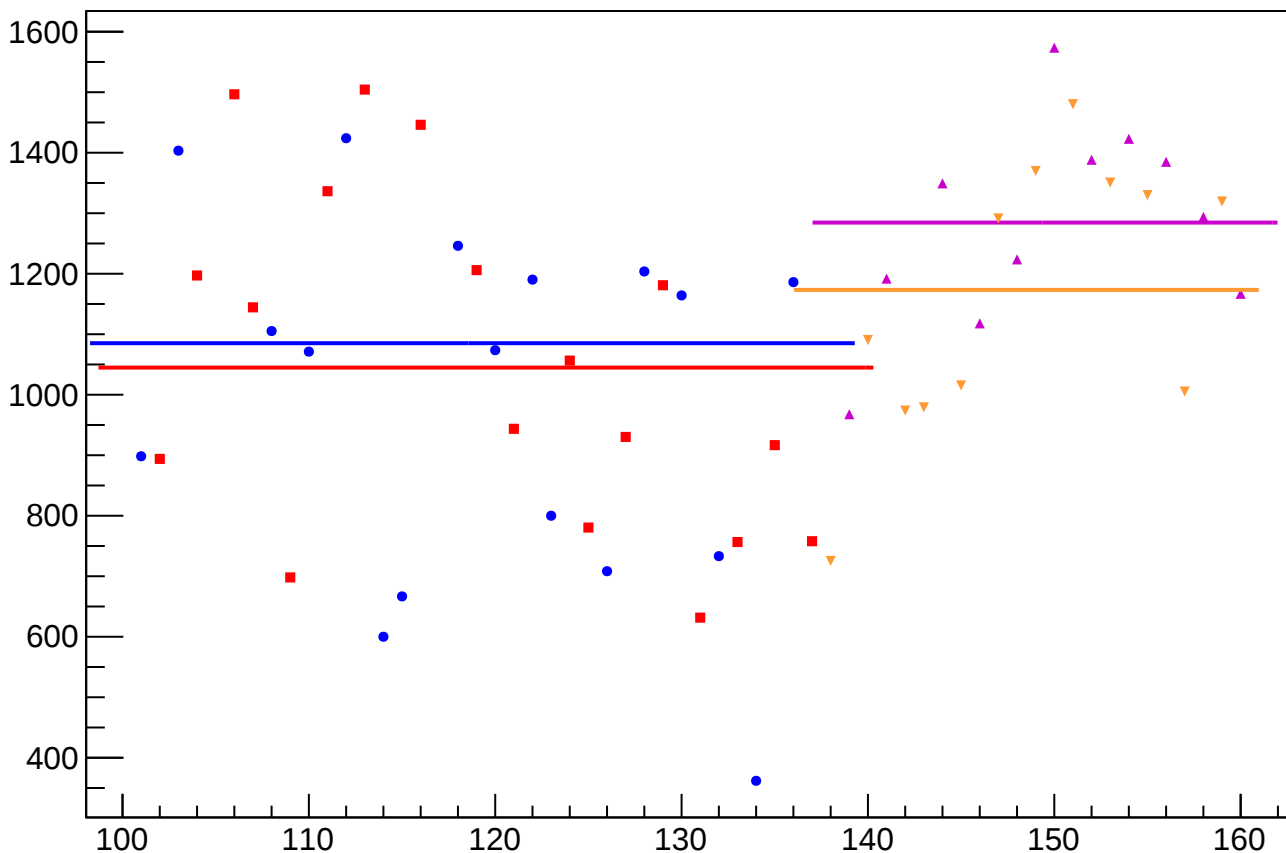
All: 933.839+/-0.000 χ^2/NDF : 658882981333

Right Out: 1128.051+/-0.000 χ^2/NDF : 216680110329654752465971394746324615168.0/17

- sign 918.046+/-0.000 χ^2/NDF : 303216593922506

Left In: 757.110+/-0.000 χ^2/NDF : 30838574623639063731513645765836668928.0/10

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

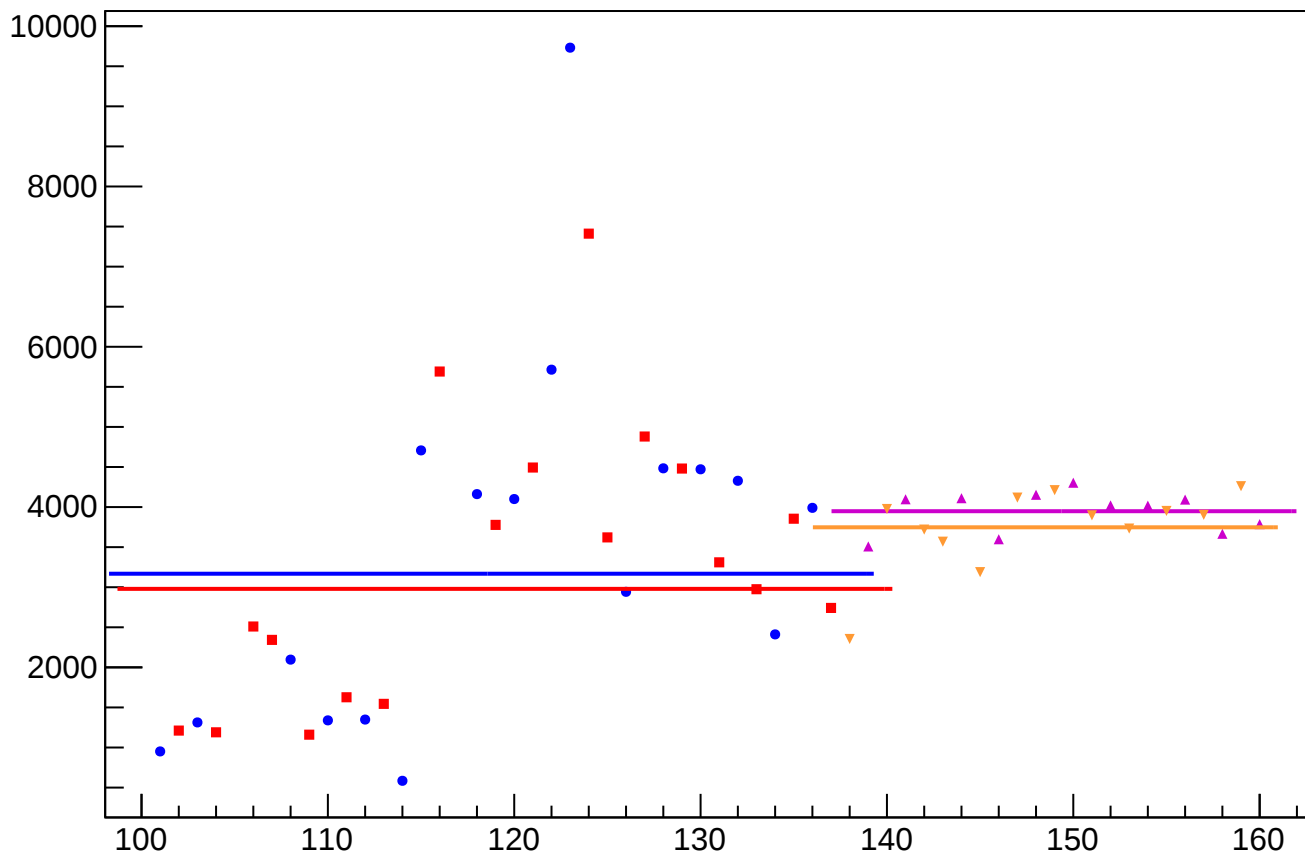
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

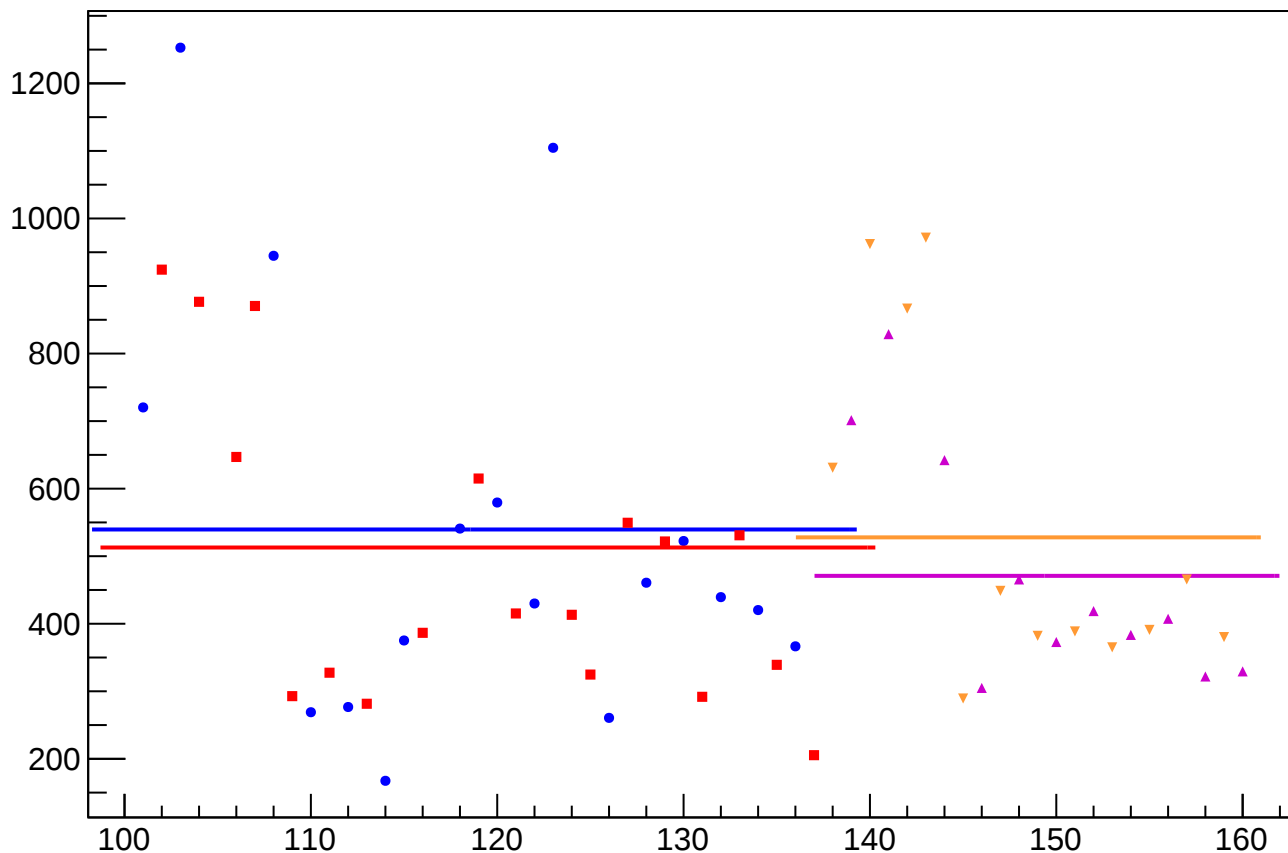
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam3_coil4_mean vs Slug



Right In: 3168.399+/-0.000	χ^2/NDF : 1758554525431486031573031760874625302528.0/16
Left Out: 3747.596+/-0.000	χ^2/NDF : 238995509272824091169755194048479494144.0/11
Right Out: 2979.505+/-0.000	χ^2/NDF : 1604891244832822830292138533265256480768.0/17
Left In: 3948.419+/-0.000	χ^2/NDF : 56222692399509421042001989393274896384.0/10
+ sign 3496.839+/-0.000 χ^2/NDF : 21295710486492 All: 3512.659+/-0.000 χ^2/NDF : 4171491789 - sign 3528.047+/-0.000 χ^2/NDF : 20411293703127	

dit_sam3_coil4_err_mean vs Slug



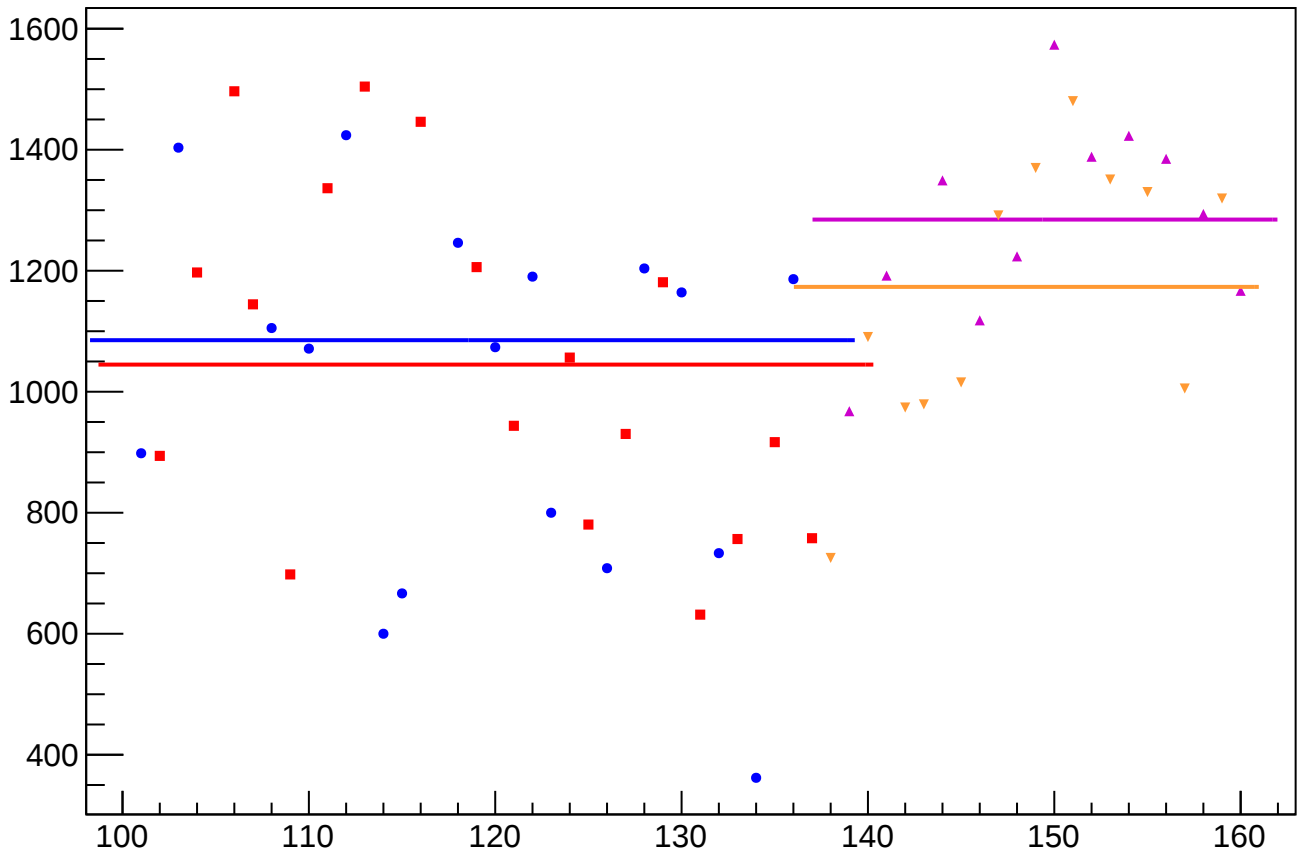
Right In: 539.553+/-0.000 χ^2/NDF : 54885482787684067638945528690813960192.0/16

Left Out: 527.872+/-0.000 χ^2/NDF : 48750144611720202302366636740746149888.0/11

Right Out: 512.868+/-0.000 χ^2/NDF : 36013592539821220444279901122721742848.0/17

Left In: 470.909+/-0.000 χ^2/NDF : 25659671763739065949342929962819125248.0/10

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

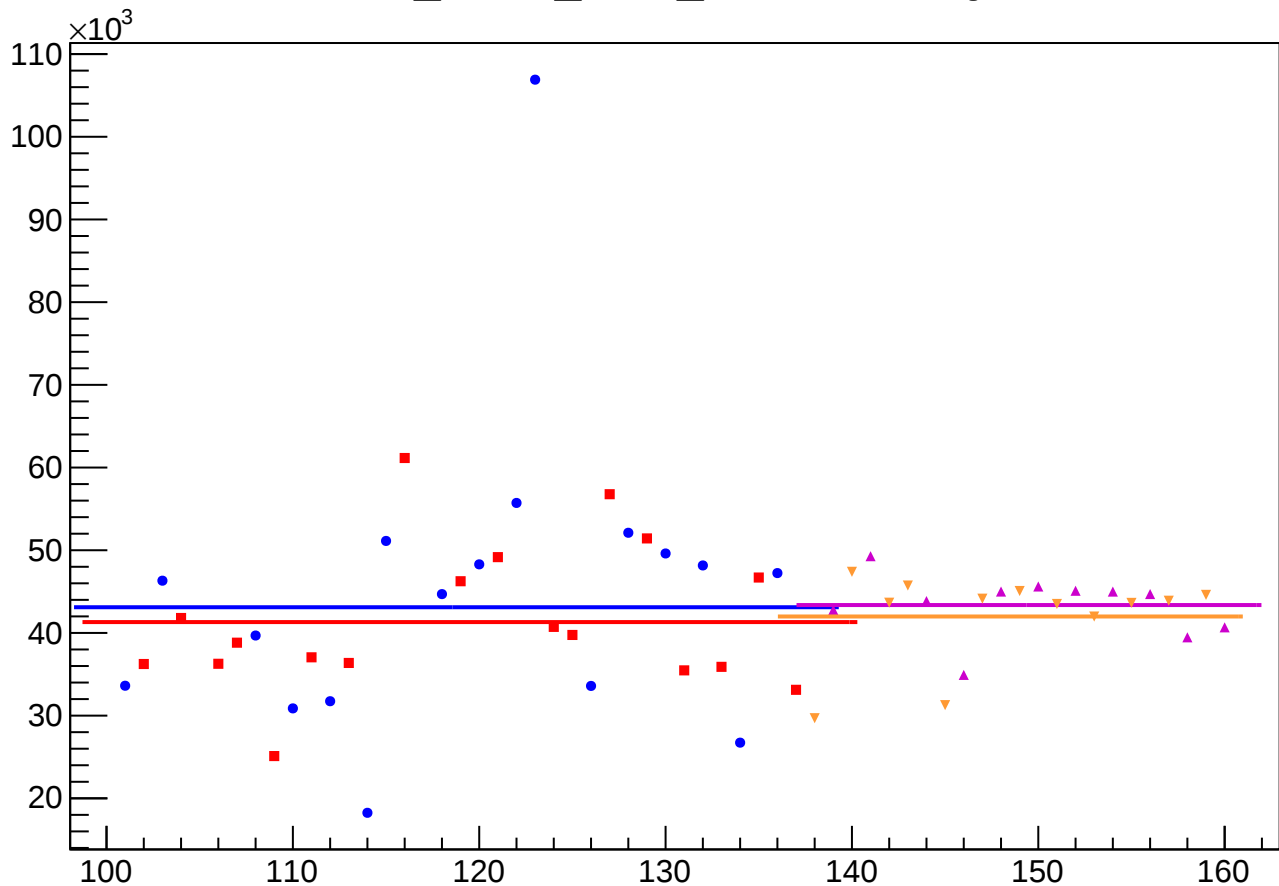
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

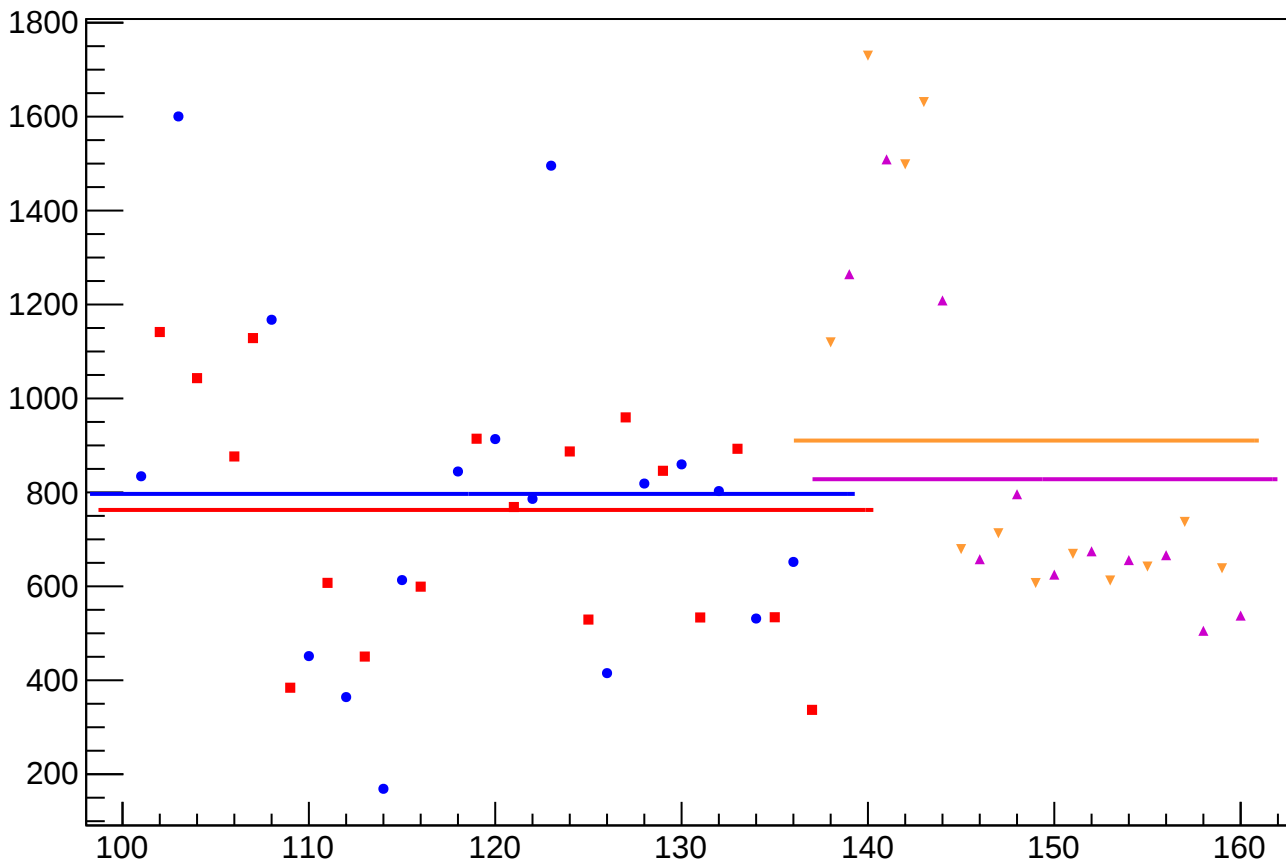
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam4_coil4_mean vs Slug



Right In: 43108.031 $\pm$ 0.000 χ^2/NDF : 68611682581967867390827070514847106990080.0/16
 Left Out: 41988.937 $\pm$ 0.000 χ^2/NDF : 26595625315184876661727332300070884212736.0/11
 Right Out: 41313.091 $\pm$ 0.000 χ^2/NDF : 51625009130500845485657820618169448923136.0/17
 Left In: 43372.857 $\pm$ 0.000 χ^2/NDF : 12091187656502960448848492579917477707776.0/10

dit_sam4_coil4_err_mean vs Slug



Right In: 796.788 $\pm$ 0.000 χ^2 /NDF: 74155375401966789010322999397605965824.0/16

Left Out: 910.363 $\pm$ 0.000 χ^2 /NDF: 150023970715127091011215524166165856256.0/11

Right Out: 762.642 $\pm$ 0.000 χ^2 /NDF: 44999366783777016136570300173215858688.0/17

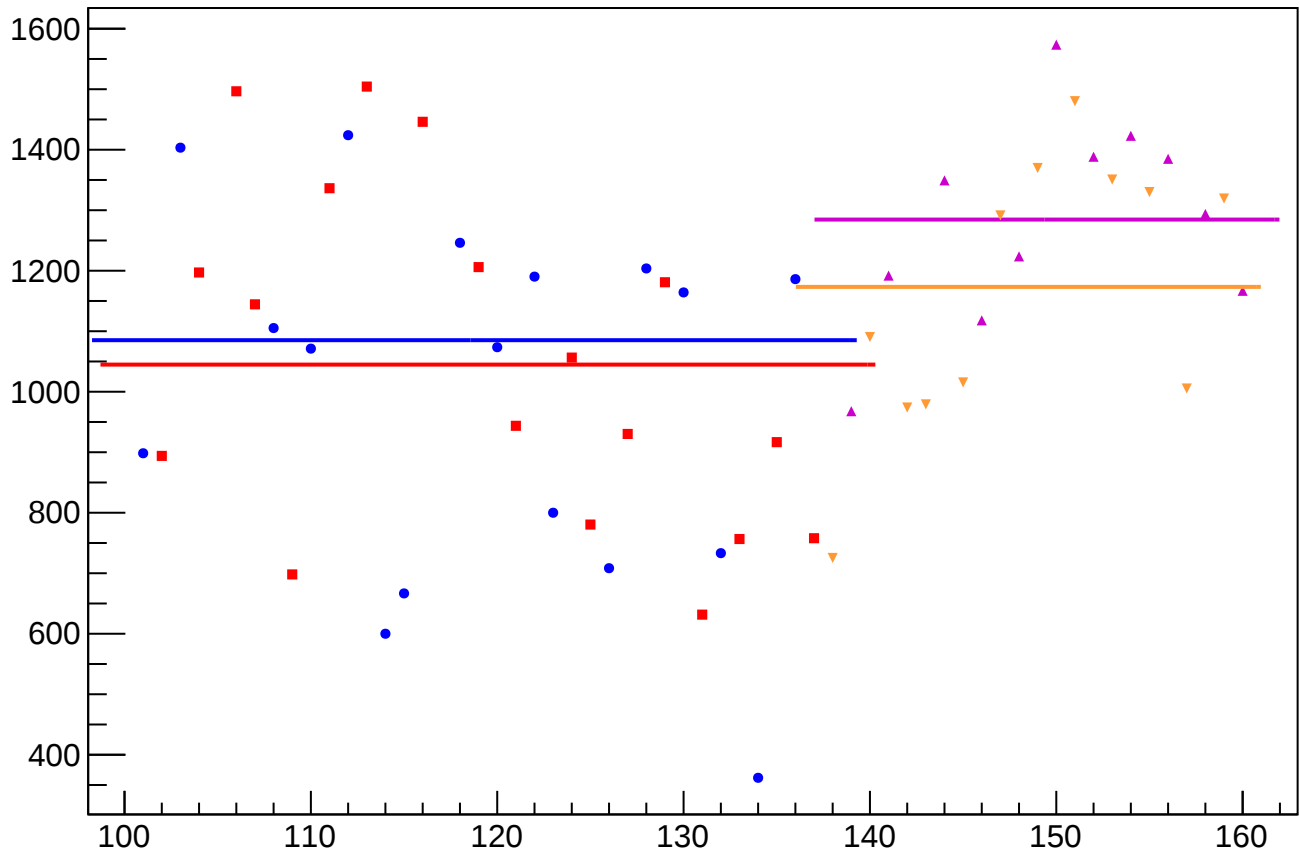
Left In: 828.047 $\pm$ 0.000 χ^2 /NDF: 96201297506087070099989263222619242496.0/10

+ sign 861.192 $\pm$ 0.000 χ^2 /NDF: 229255785162804

All: 830.005 $\pm$ 0.000 χ^2 /NDF: 375263680723

- sign 799.670 $\pm$ 0.000 χ^2 /NDF: 142932321770367

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

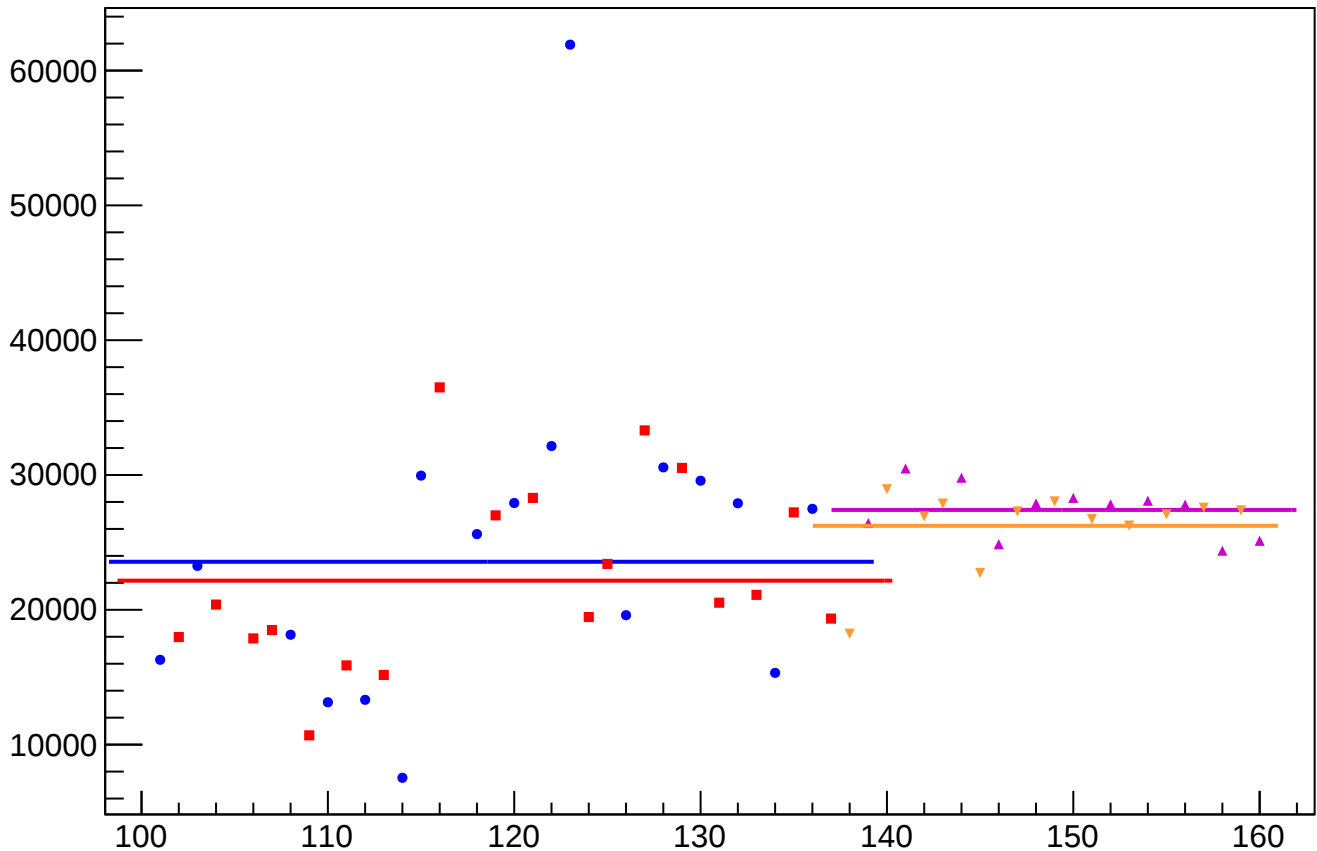
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

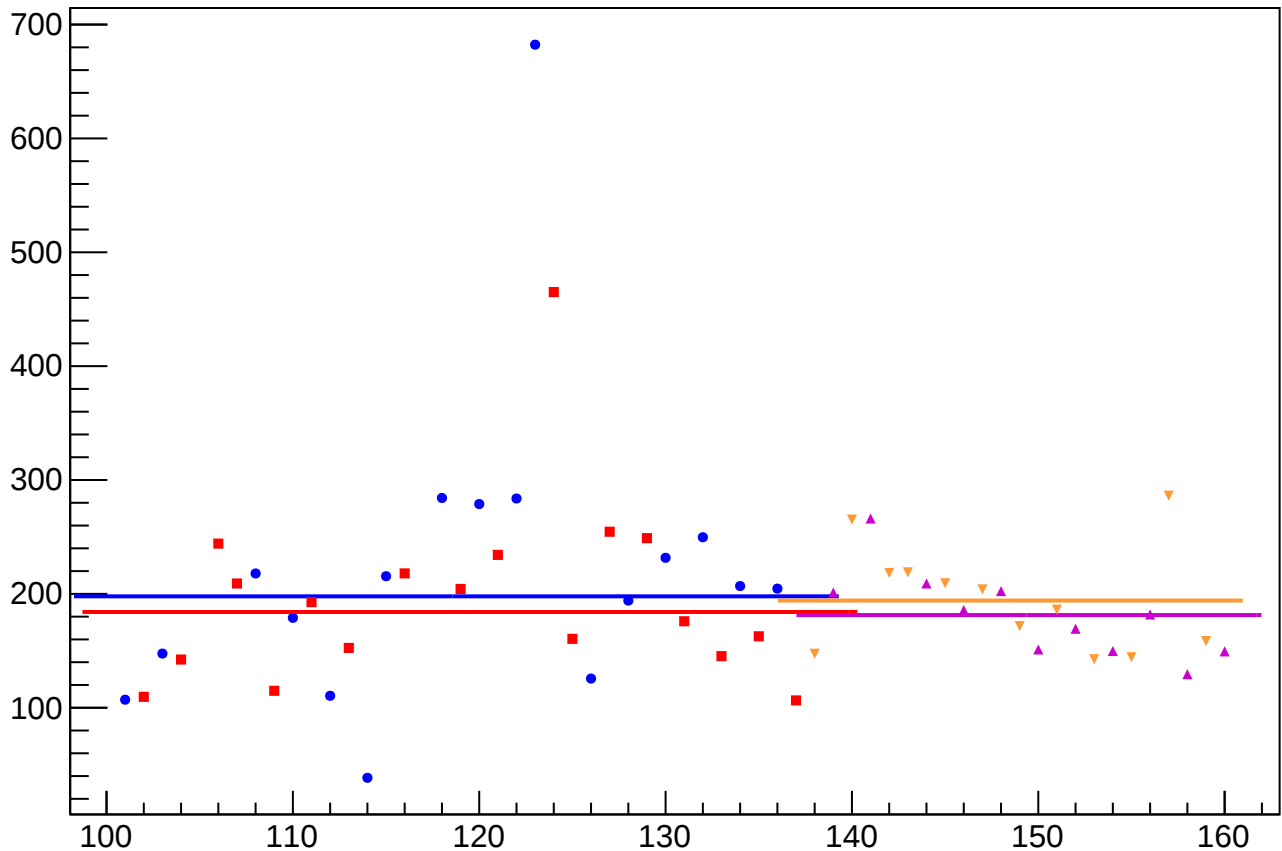
dit_sam5_coil4_mean vs Slug



Right In: 23563.217+/-0.000	χ^2/NDF : 35385807137271018817625418232540839280640.0/16
Left Out: 26232.941+/-0.000	χ^2/NDF : 7436306383754098156934386282018195374080.0/11
Right Out: 22162.506+/-0.000	χ^2/NDF : 30926817479017578857864317291139006726144.0/17
Left In: 27409.308+/-0.000	χ^2/NDF : 3260068033865796960082272162296933384192.0/10

+ sign 25077.115+/-0.000 χ^2/NDF : 4562704807427
 All: 25105.411+/-0.000 χ^2/NDF : 9095992036
 - sign 25132.934+/-0.000 χ^2/NDF : 4533034042690

dit_sam5_coil4_err_mean vs Slug



Right In: 197.841+/-0.000 χ^2/NDF : 3601849103427594359827693165900464128.0/16

Left Out: 194.146+/-0.000 χ^2/NDF : 1879017279218446114091371157486829568.0/11

Right Out: 184.108+/-0.000 χ^2/NDF : 2706165724913072523706132651898306560.0/17

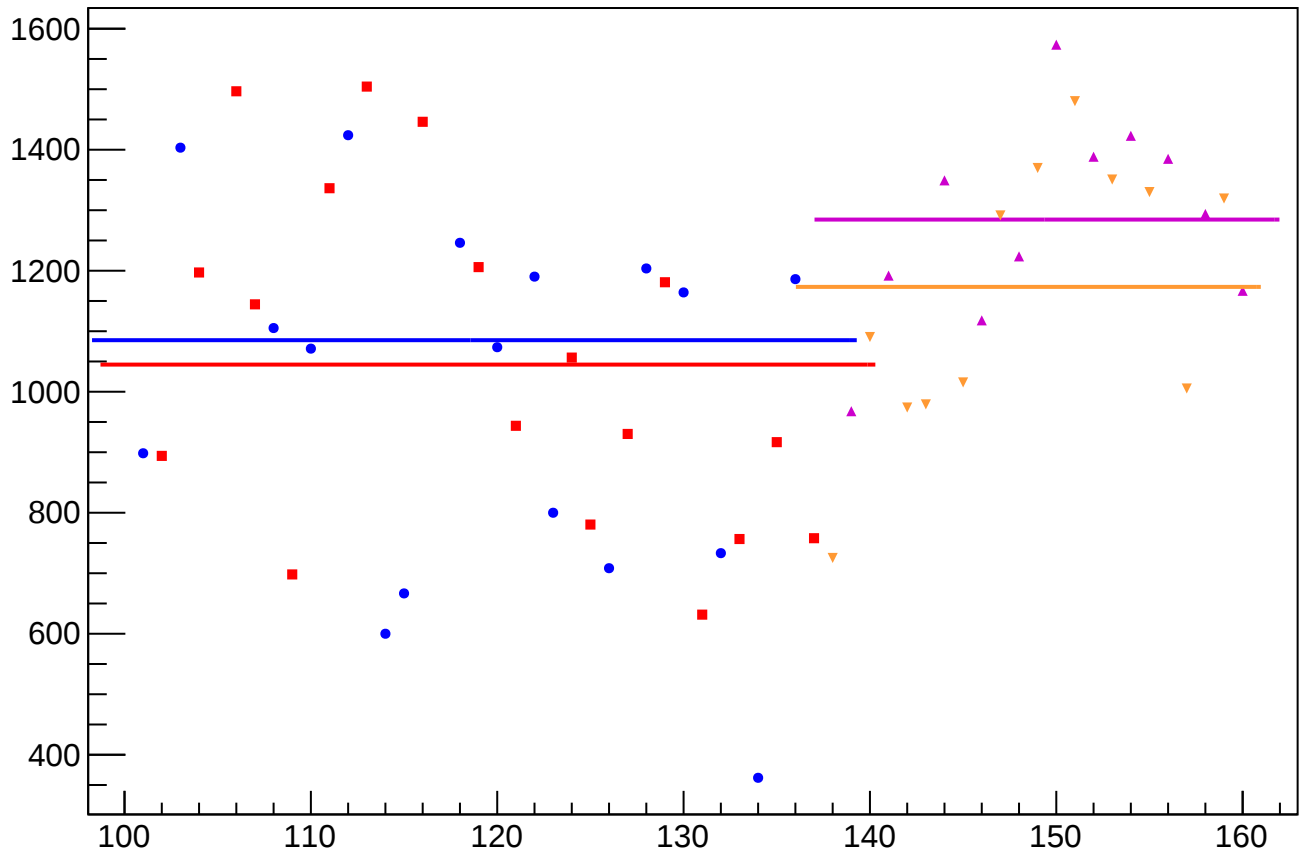
Left In: 181.409+/-0.000 χ^2/NDF : 1237326176797583481368716307739967488.0/10

+ sign 195.746+/-0.000 χ^2/NDF : 548624027789253

All: 189.072+/-0.000 χ^2/NDF : 95735353015

- sign 182.580+/-0.000 χ^2/NDF : 394644182603320

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

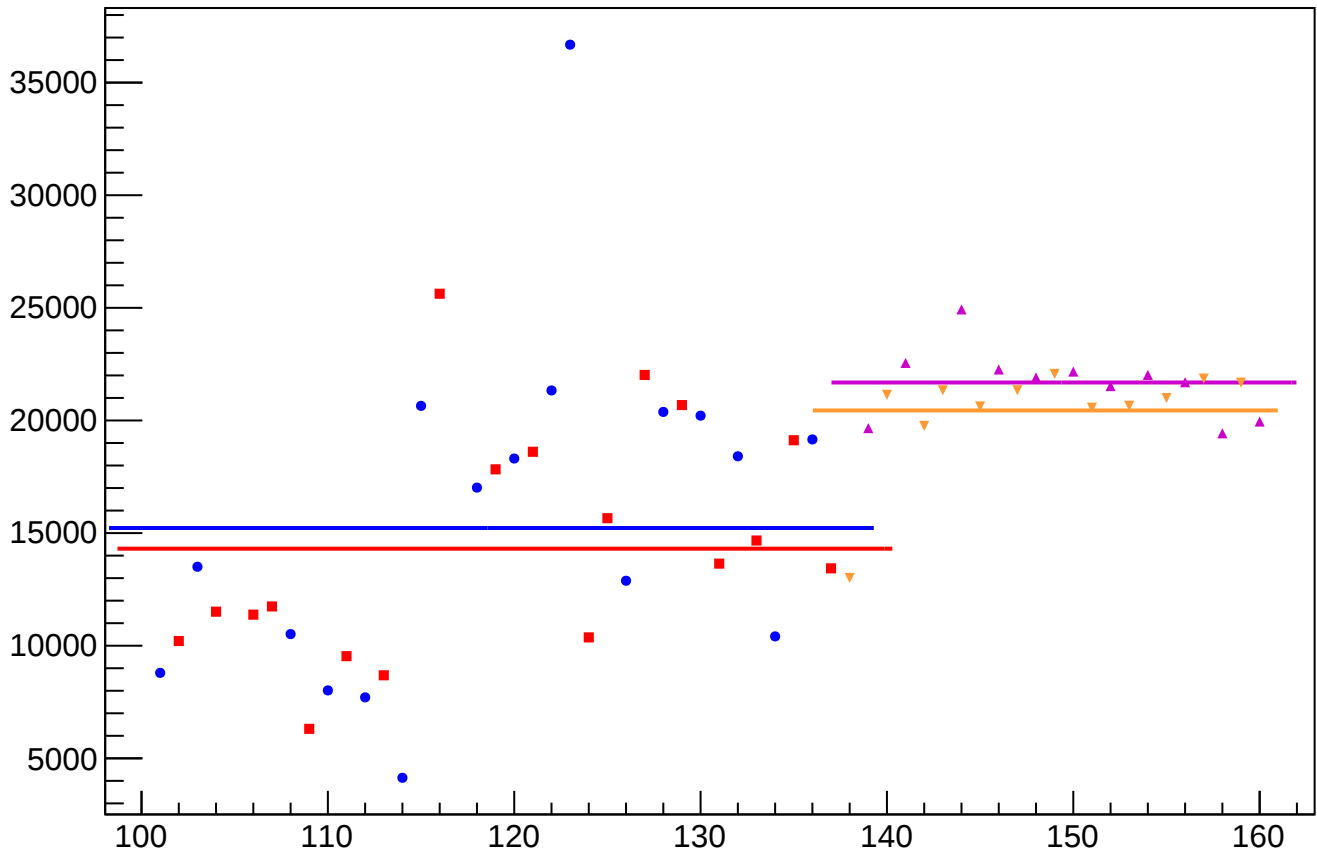
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

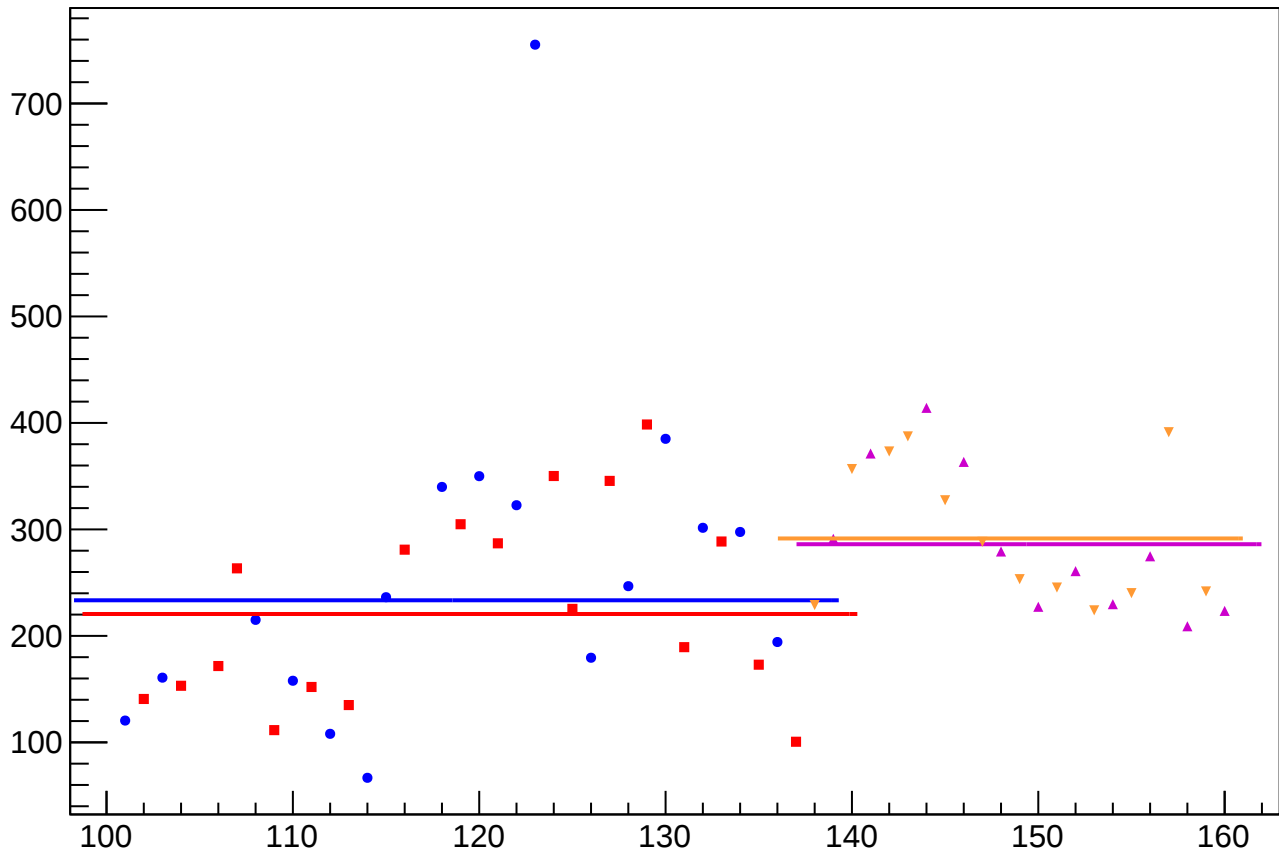
- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_sam6_coil4_mean vs Slug



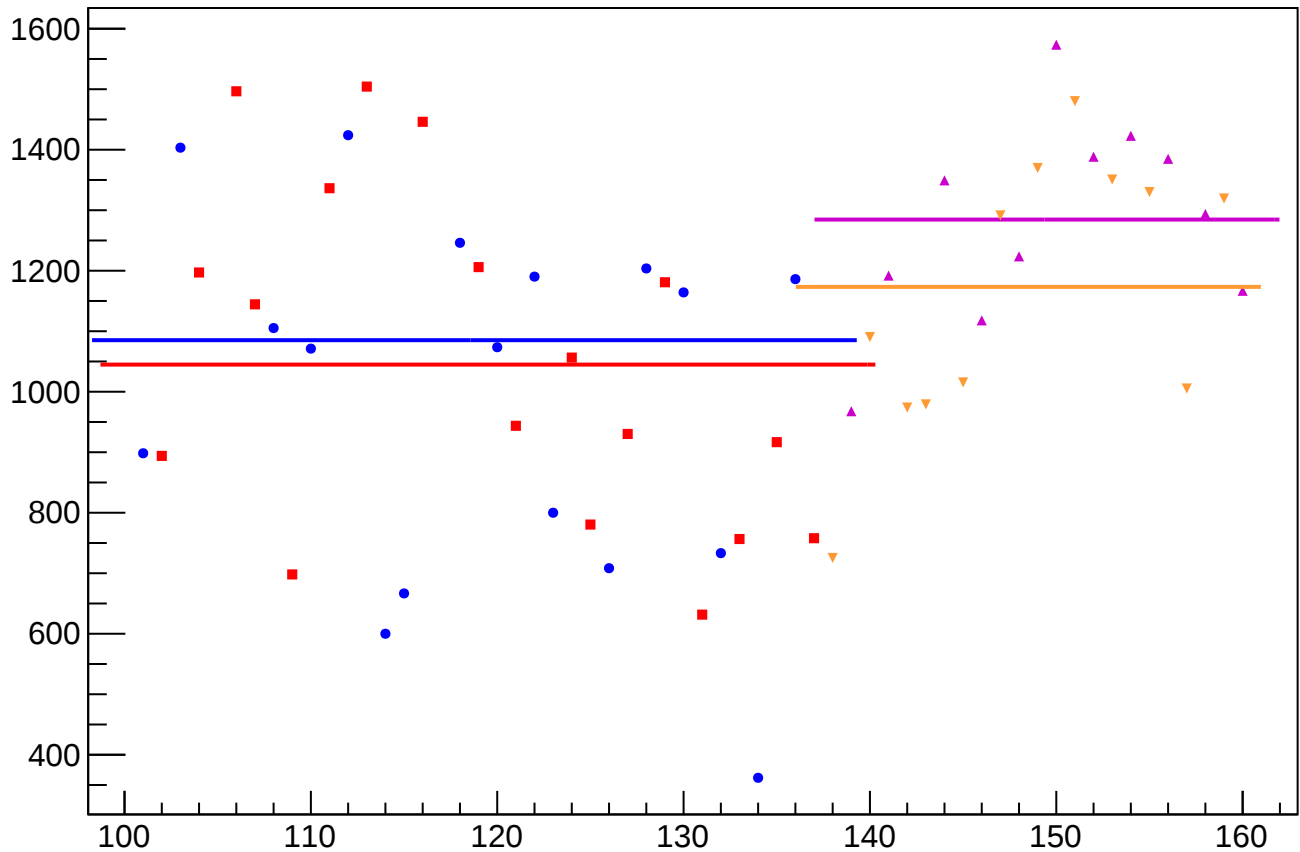
Right In: 15226.152+/-0.000 χ^2/NDF : 19033981883616318675707973818231845552128.0/16
 Left Out: 20444.904+/-0.000 χ^2/NDF : 5015541788113107499549833018825777348608.0/11
 Right Out: 14308.618+/-0.000 χ^2/NDF : 17986620092143727991108175714996656799744.0/17
 Left In: 21685.940+/-0.000 χ^2/NDF : 2061414370106068569162415723838611390464.0/10

dit_sam6_coil4_err_mean vs Slug



Right In: 233.427 ± 0.000 χ^2/NDF : 6632421375389201944932770217893822464.0/16
 Left Out: 291.492 ± 0.000 χ^2/NDF : 3496936665449814929425245861490720768.0/11
 Right Out: 220.559 ± 0.000 χ^2/NDF : 5383695019108554854360648047063465984.0/17
 Left In: 286.089 ± 0.000 χ^2/NDF : 4047639086763227768293546604548325376.0/10

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

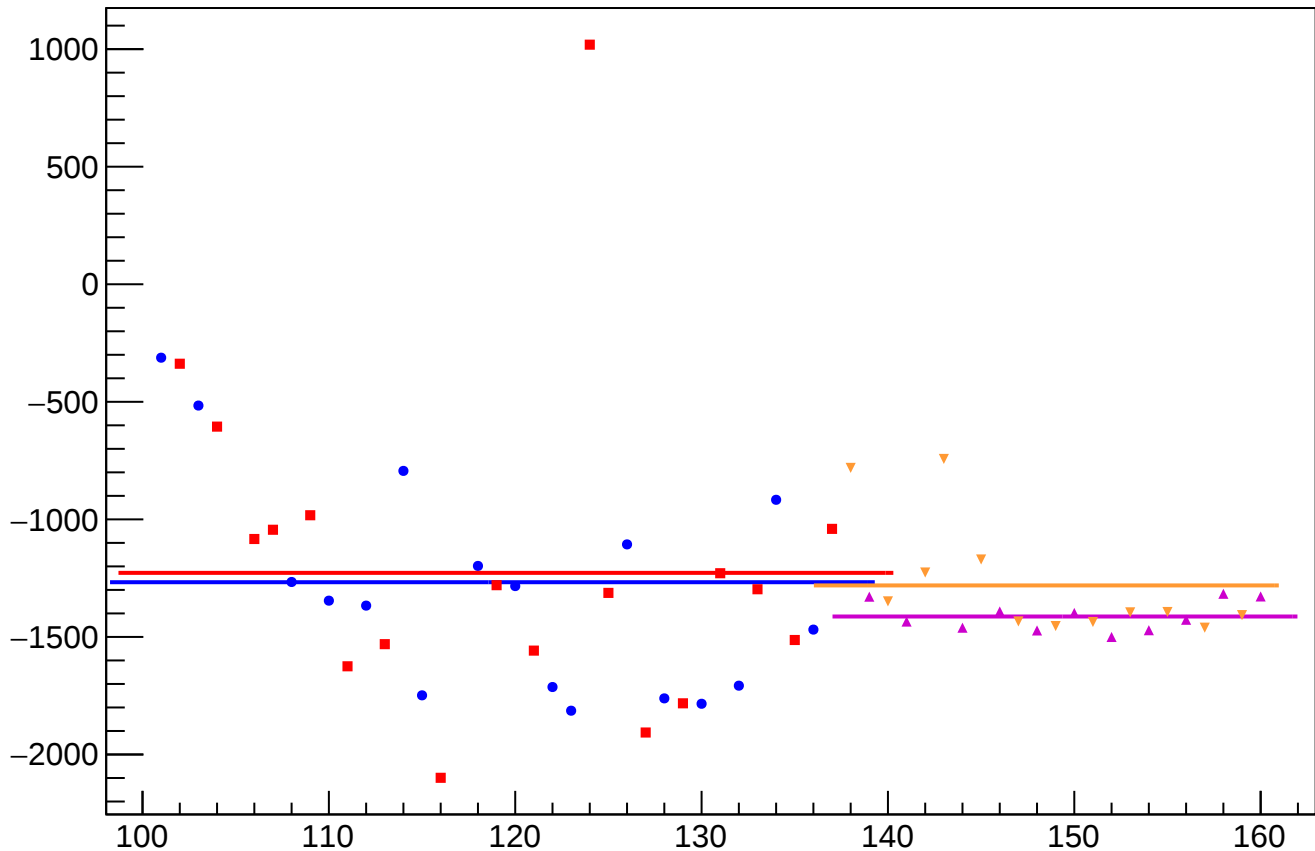
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

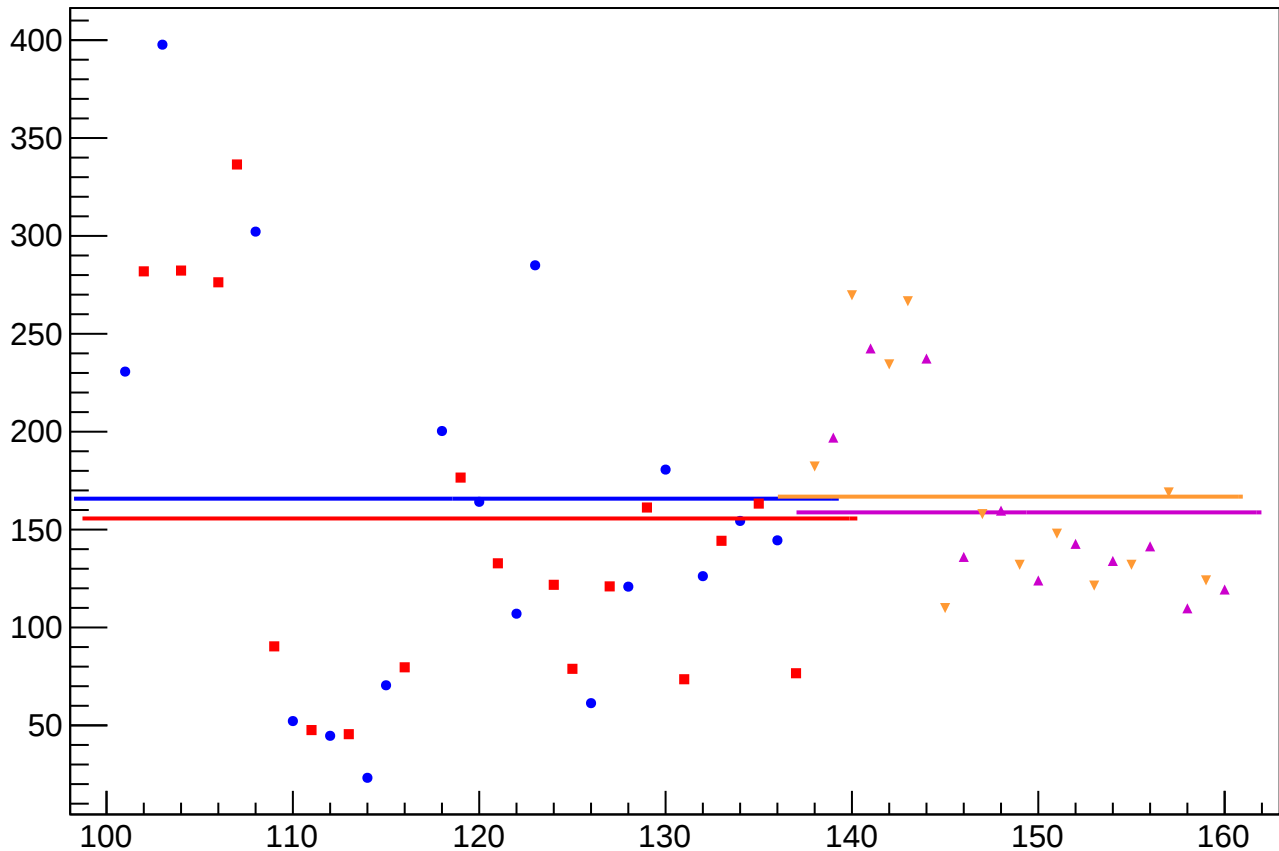
dit_sam7_coil4_mean vs Slug



Right In: -1267.268+/-0.000	χ^2/NDF : 145198686124385842675248081831068696576.0/16
Left Out: -1280.919+/-0.000	χ^2/NDF : 52350467274887830805489203247275048960.0/11
Right Out: -1227.490+/-0.000	χ^2/NDF : 214319050187910672698323609340044378112.0/17
Left In: -1413.098+/-0.000	χ^2/NDF : 3510654626311902880652773562800668672.0/10

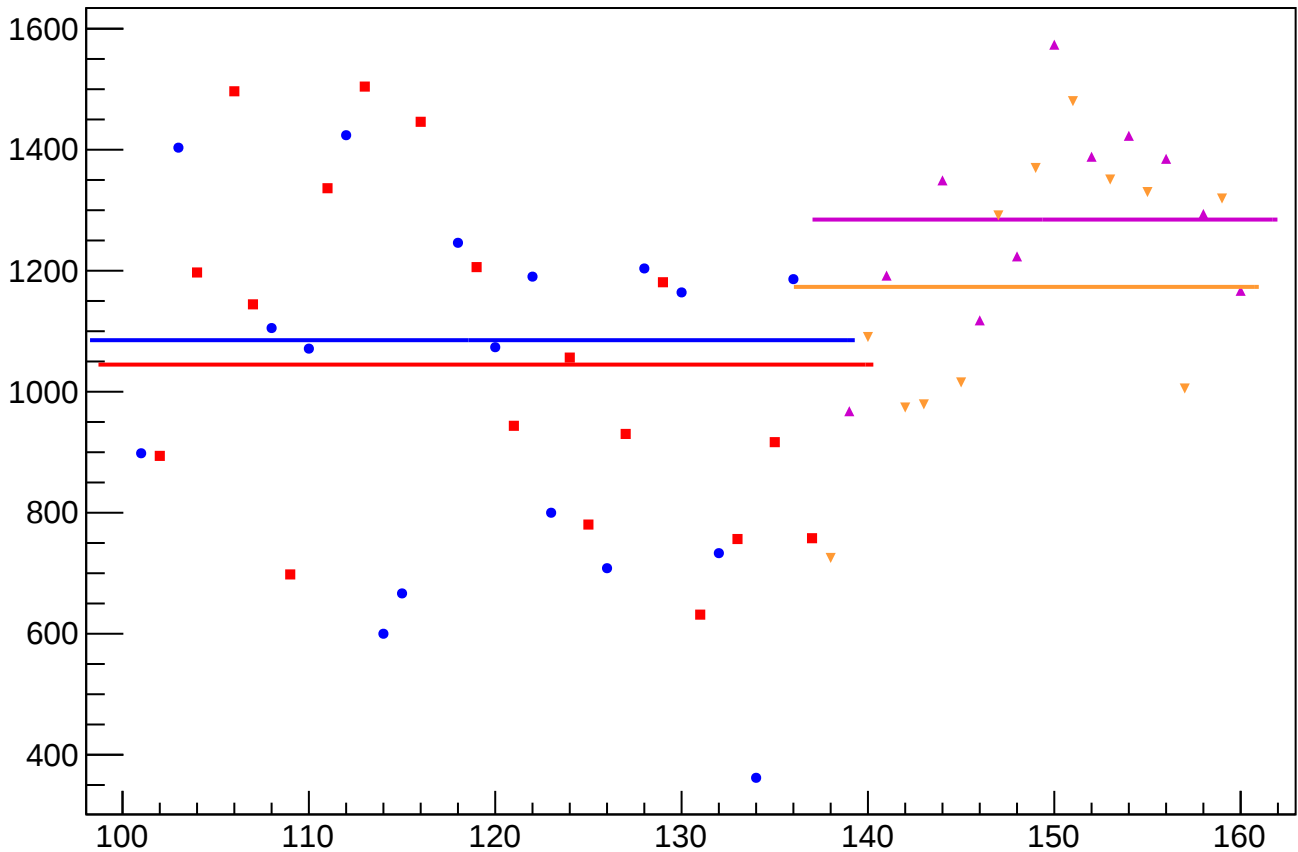
+ sign -1275.009+/-0.000 χ^2/NDF : 1976224825891
 All: -1304.188+/-0.000 χ^2/NDF : 4320897912
 - sign -1332.570+/-0.000 χ^2/NDF : 23177495682648

dit_sam7_coil4_err_mean vs Slug



Right In: 165.791 $\pm$ 0.000 χ^2 /NDF: 6599926309722586861325010177468923904.0/16
 Left Out: 166.830 $\pm$ 0.000 χ^2 /NDF: 2570249887219169860921416363043454976.0/11
 Right Out: 155.674 $\pm$ 0.000 χ^2 /NDF: 5506170000172026486696305926028132352.0/17
 Left In: 158.786 $\pm$ 0.000 χ^2 /NDF: 1841518274242064728634139939665084416.0/10

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

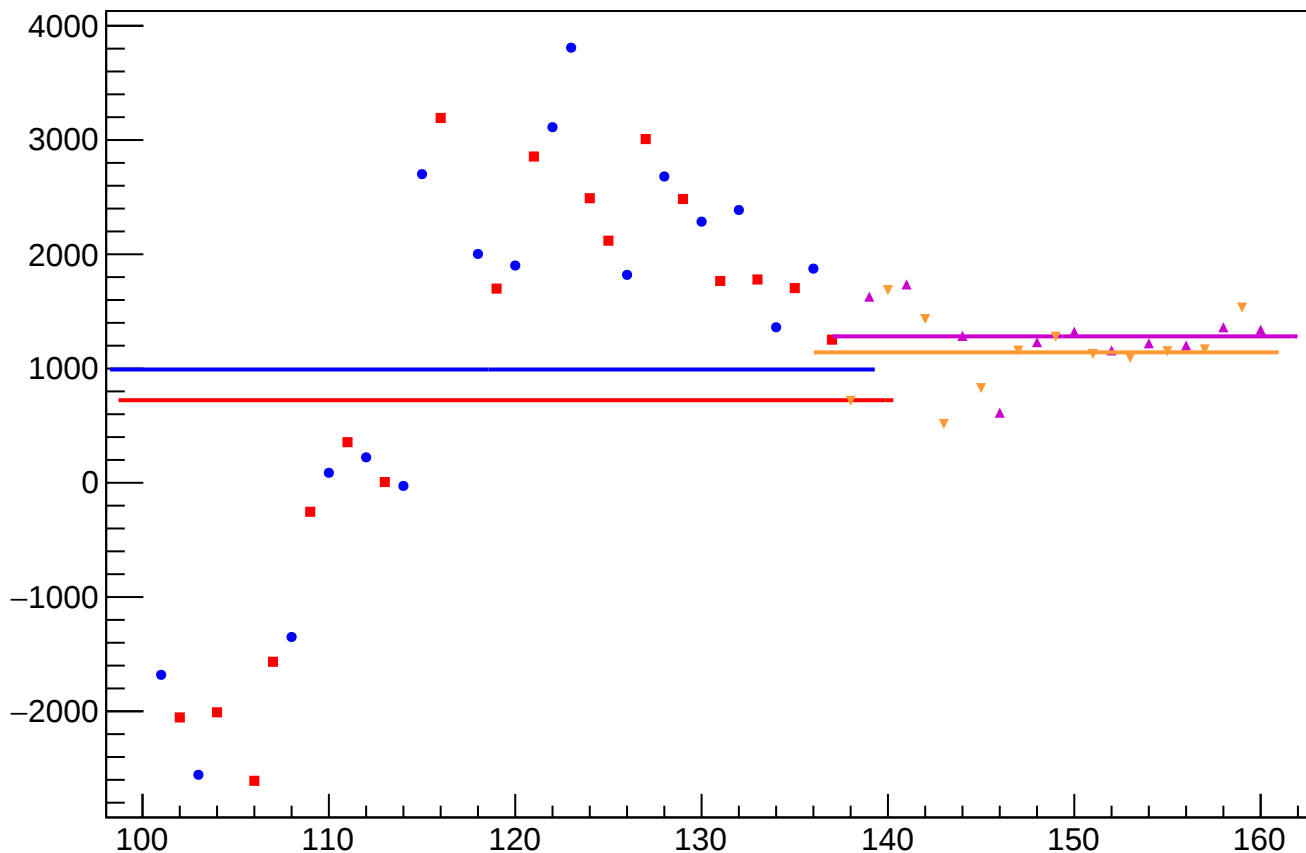
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam8_coil4_mean vs Slug



Right In: 991.656+/-0.000 χ^2/NDF : 2196543485135713219136059560633443549184.0/16

+ sign 1076.771+/-0.000 χ^2/NDF : 22957638189544

Left Out: 1141.755+/-0.000 χ^2/NDF : 90353942436830856594949216052979957760.0/11

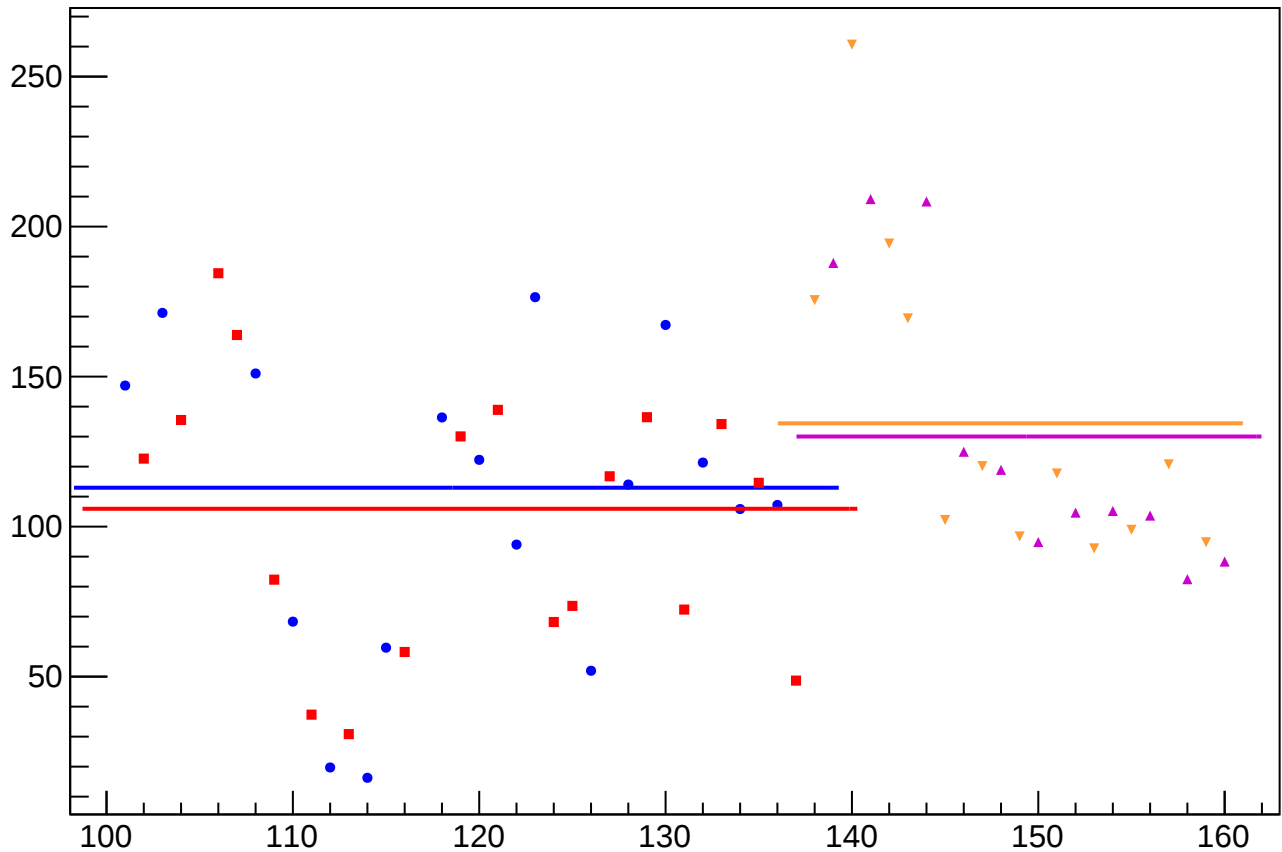
All: 1057.729+/-0.000 χ^2/NDF : 49212801436

Right Out: 722.834+/-0.000 χ^2/NDF : 2430230107927732709008698791969328988160.0/17

- sign 1039.207+/-0.000 χ^2/NDF : 26243697122879

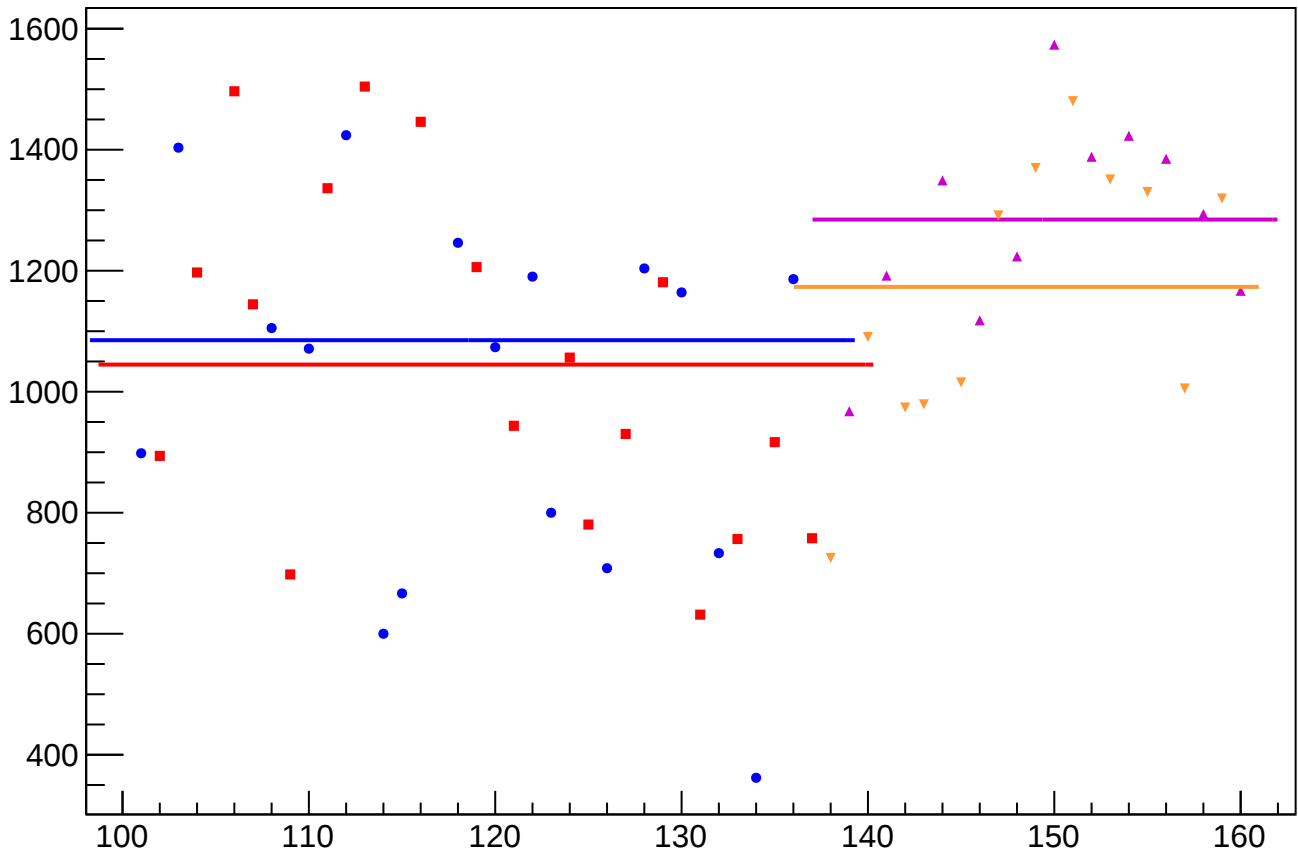
Left In: 1281.659+/-0.000 χ^2/NDF : 67729567822989794442627212039346454528.0/10

dit_sam8_coil4_err_mean vs Slug

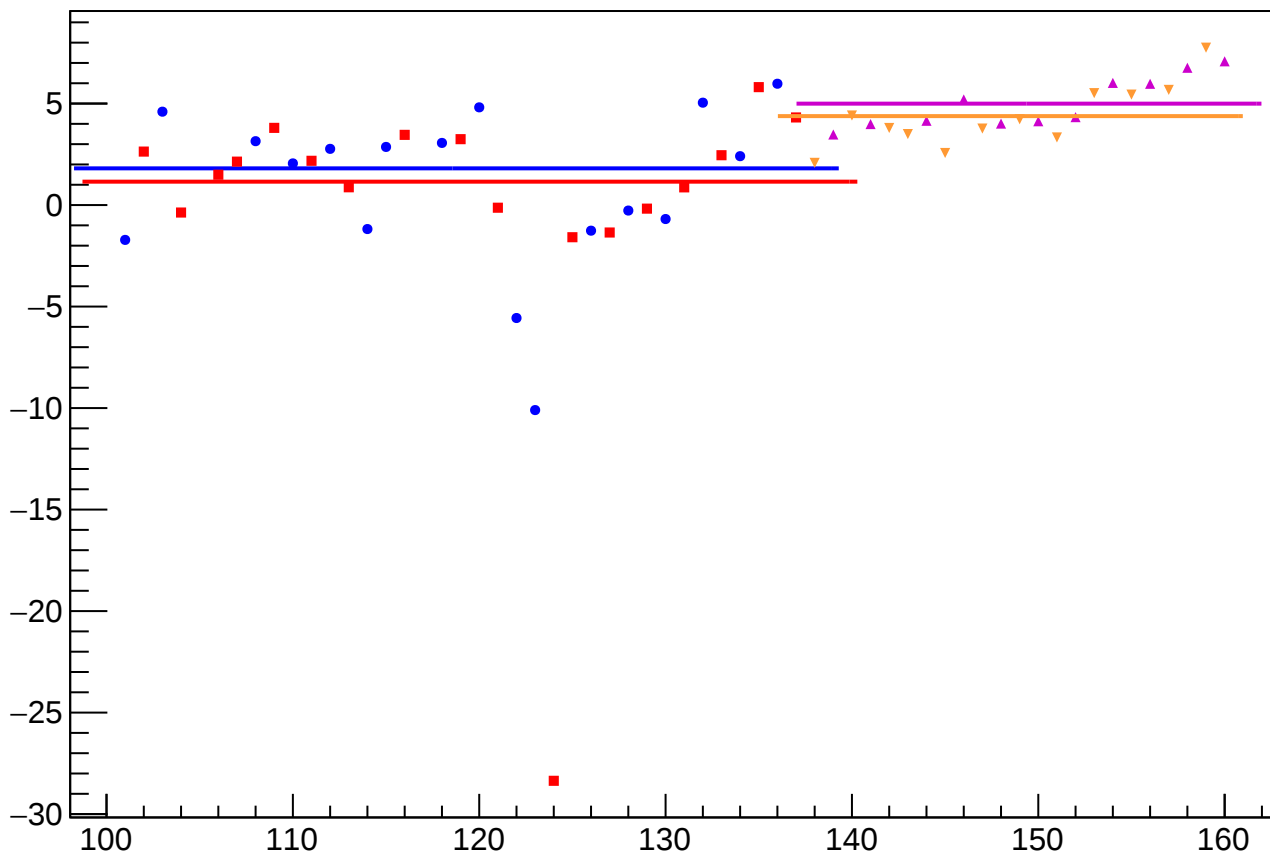


Right In: 112.967+/-0.000	χ^2/NDF : 1352482381635393188272506664826961920.0/16	+ sign 125.138+/-0.000	χ^2/NDF : 384444618393612
Left Out: 134.431+/-0.000	χ^2/NDF : 2310662516274369890170239716283121664.0/11	All: 122.322+/-0.000	χ^2/NDF : 731548067843
Right Out: 105.949+/-0.000	χ^2/NDF : 1242528444706792757388488213889286144.0/17	- sign 119.582+/-0.000	χ^2/NDF : 344594774773505
Left In: 130.030+/-0.000	χ^2/NDF : 1968681434700847172167982931920289792.0/10		

dit_sam8_coil4_Ndata_mean vs Slug



dit_4aX_coil6_mean vs Slug



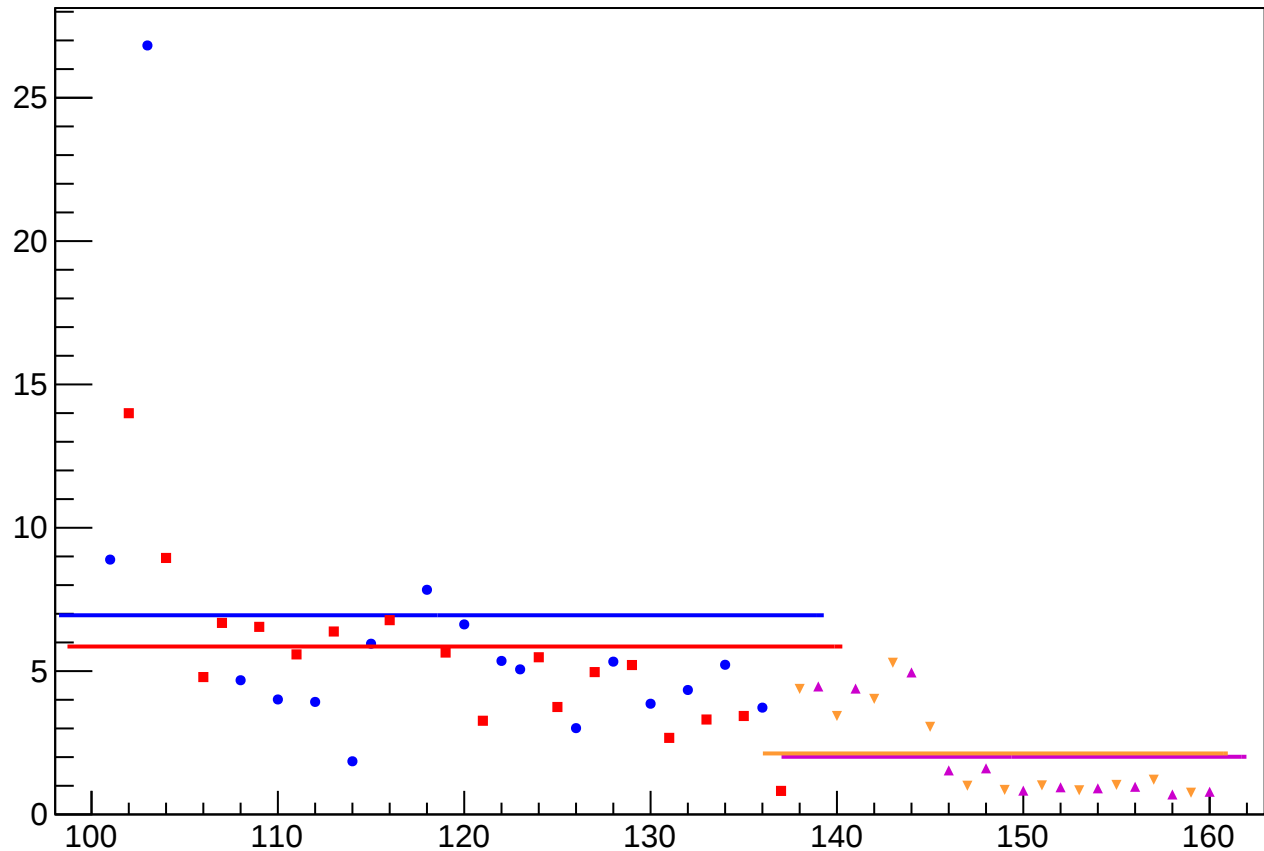
Right In: 1.808+/-0.000 χ^2/NDF : 7527409924358699638476786257362944.0/16

Left Out: 4.381+/-0.000 χ^2/NDF : 20864436713115253252222433361920.0/11

Right Out: 1.152+/-0.000 χ^2/NDF : 15220659080427743810069153064157184.0/17

Left In: 4.995+/-0.000 χ^2/NDF : 1311384685098121552827321556140032.0/10

dit_4aX_coil6_err_mean vs Slug



Right In: 6.948 $\pm$ 0.000 χ^2 /NDF: 27500472377838631302114625925939200.0/16

Left Out: 2.128 $\pm$ 0.000 χ^2 /NDF: 2219193645273984606349154335064064.0/11

Right Out: 5.858 $\pm$ 0.000 χ^2 /NDF: 6347530911749266996807271930920960.0/17

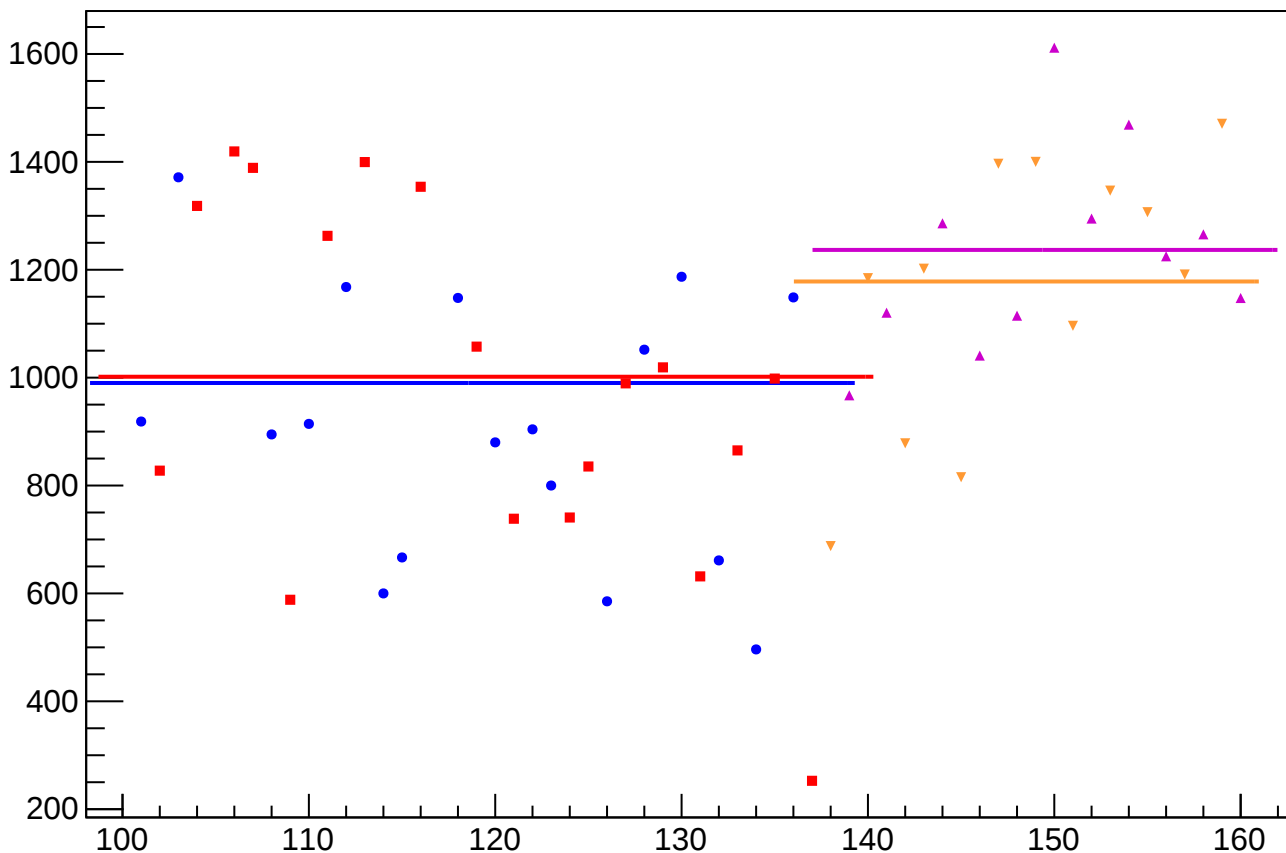
Left In: 2.012 $\pm$ 0.000 χ^2 /NDF: 2455587486650389464574895818014720.0/10

+ sign 4.215 $\pm$ 0.000 χ^2 /NDF: 38864332153290414

All: 3.944 $\pm$ 0.000 χ^2 /NDF: 53886447935405

- sign 3.681 $\pm$ 0.000 χ^2 /NDF: 14790472996884092

dit_4aX_coil6_Ndata_mean vs Slug



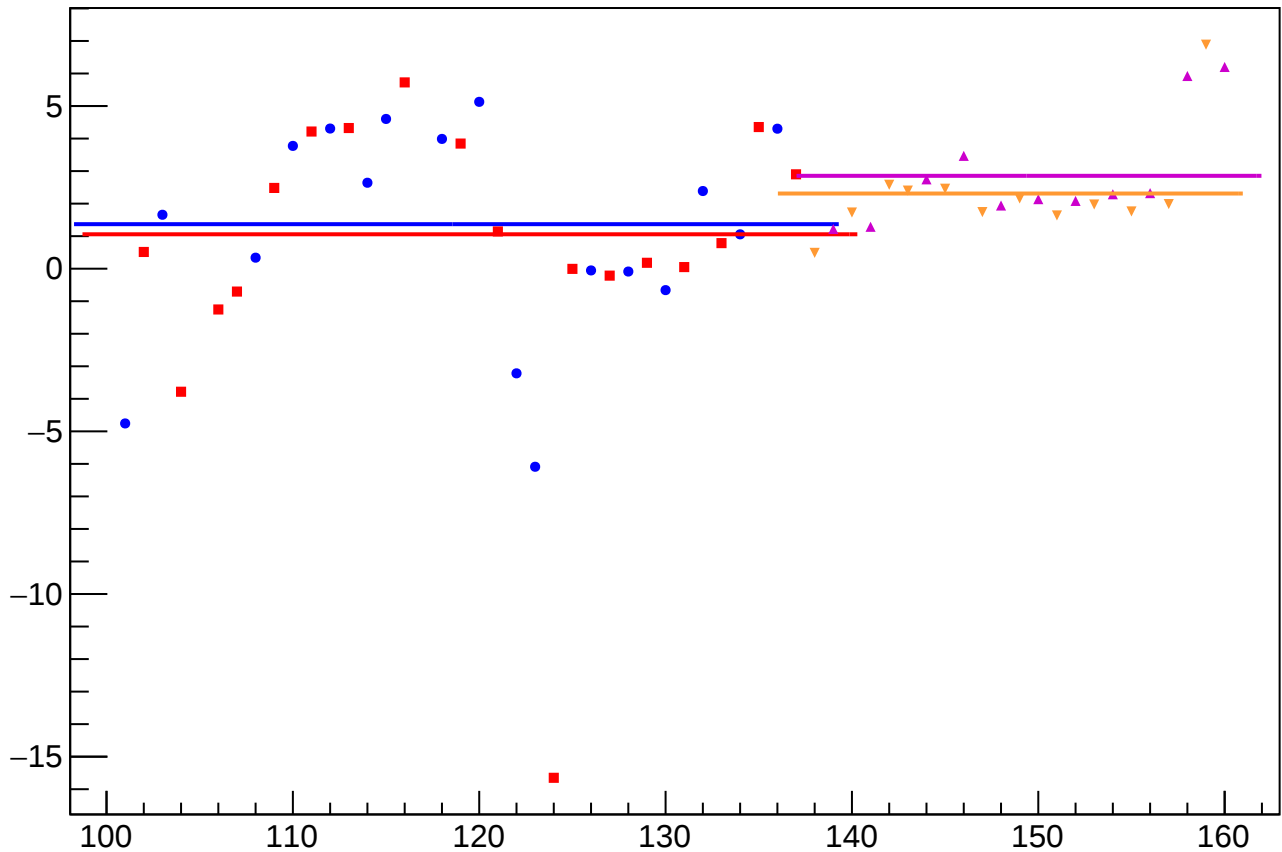
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

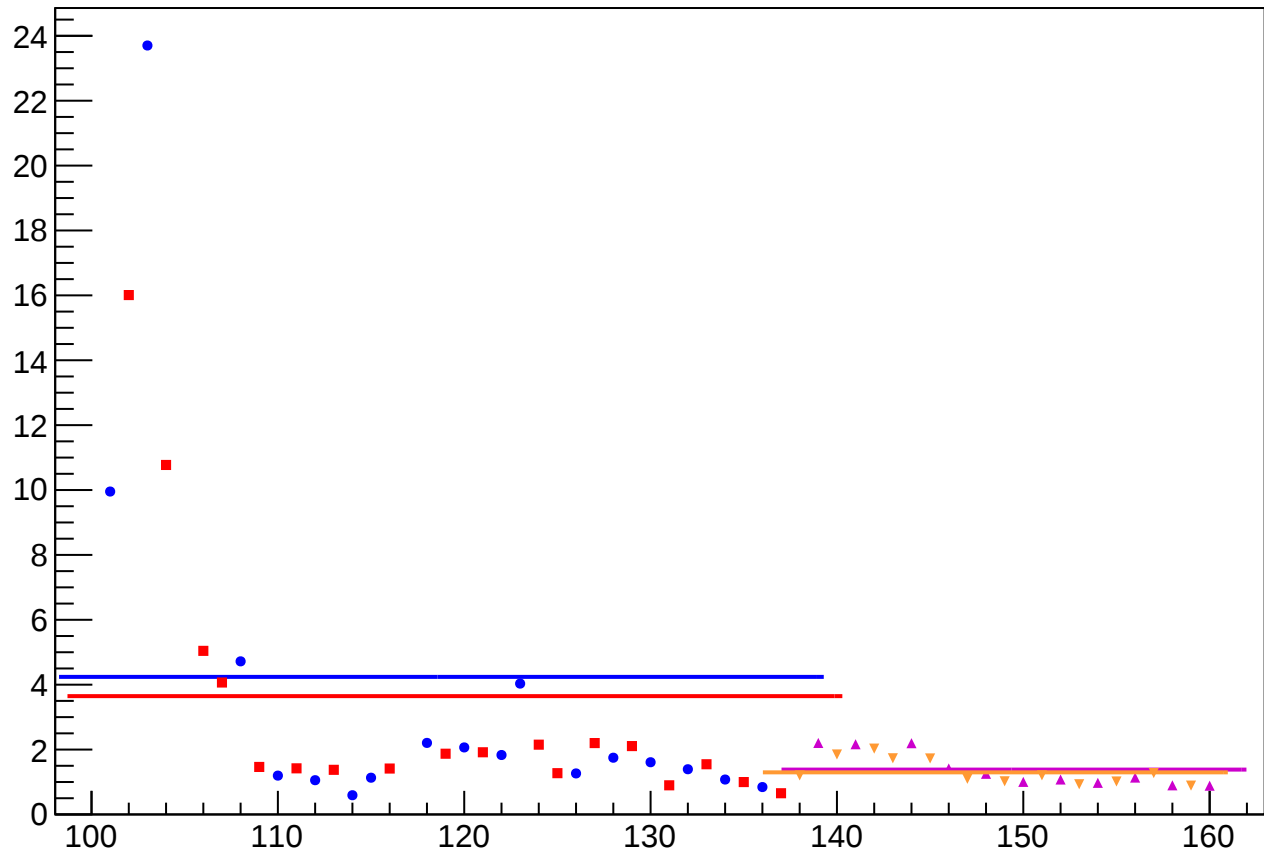
dit_4eX_coil6_mean vs Slug



Right In: 1.369+/-0.000	χ^2/NDF : 6191636339009546001582067680280576.0/16
Left Out: 2.311+/-0.000	χ^2/NDF : 2071801880392961895564472831967232.0/11
Right Out: 1.058+/-0.000	χ^2/NDF : 8169457084716591134016374239657984.0/17
Left In: 2.855+/-0.000	χ^2/NDF : 2369235409930855719380632706482176.0/10

+ sign 1.903+/-0.000 χ^2/NDF : 86127083218748771
 All: 1.990+/-0.000 χ^2/NDF : 20482924206174
 - sign 2.075+/-0.000 χ^2/NDF : 11846065115872155

dit_4eX_coil6_err_mean vs Slug



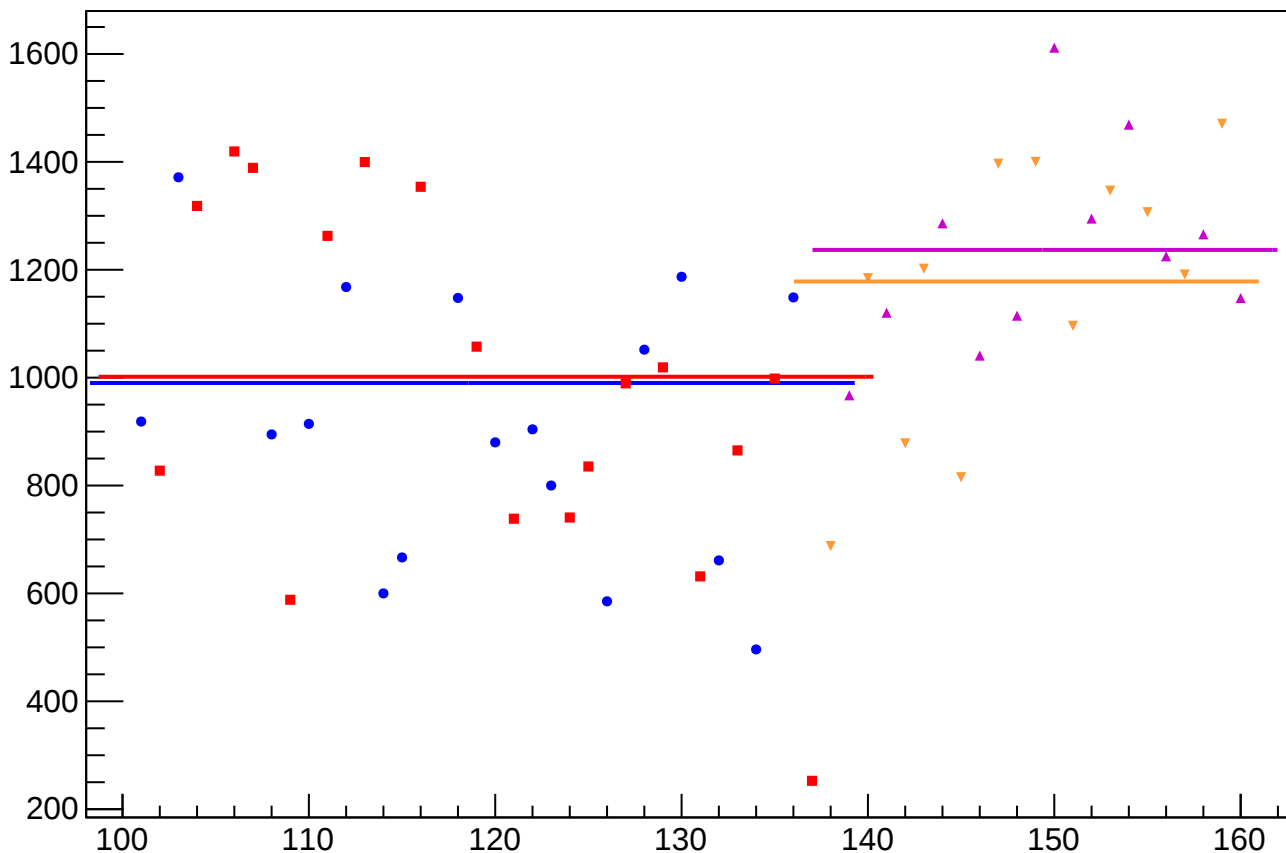
Right In: 4.241 $\pm$ 0.000 χ^2 /NDF: 28619887598660619239245868781535232.0/16

Left Out: 1.298 $\pm$ 0.000 χ^2 /NDF: 118446025514580512304684144263168.0/11

Right Out: 3.647 $\pm$ 0.000 χ^2 /NDF: 14024721044013316870032890924105728.0/17

Left In: 1.383 $\pm$ 0.000 χ^2 /NDF: 247273414234626472508051064619008.0/10

dit_4eX_coil6_Ndata_mean vs Slug



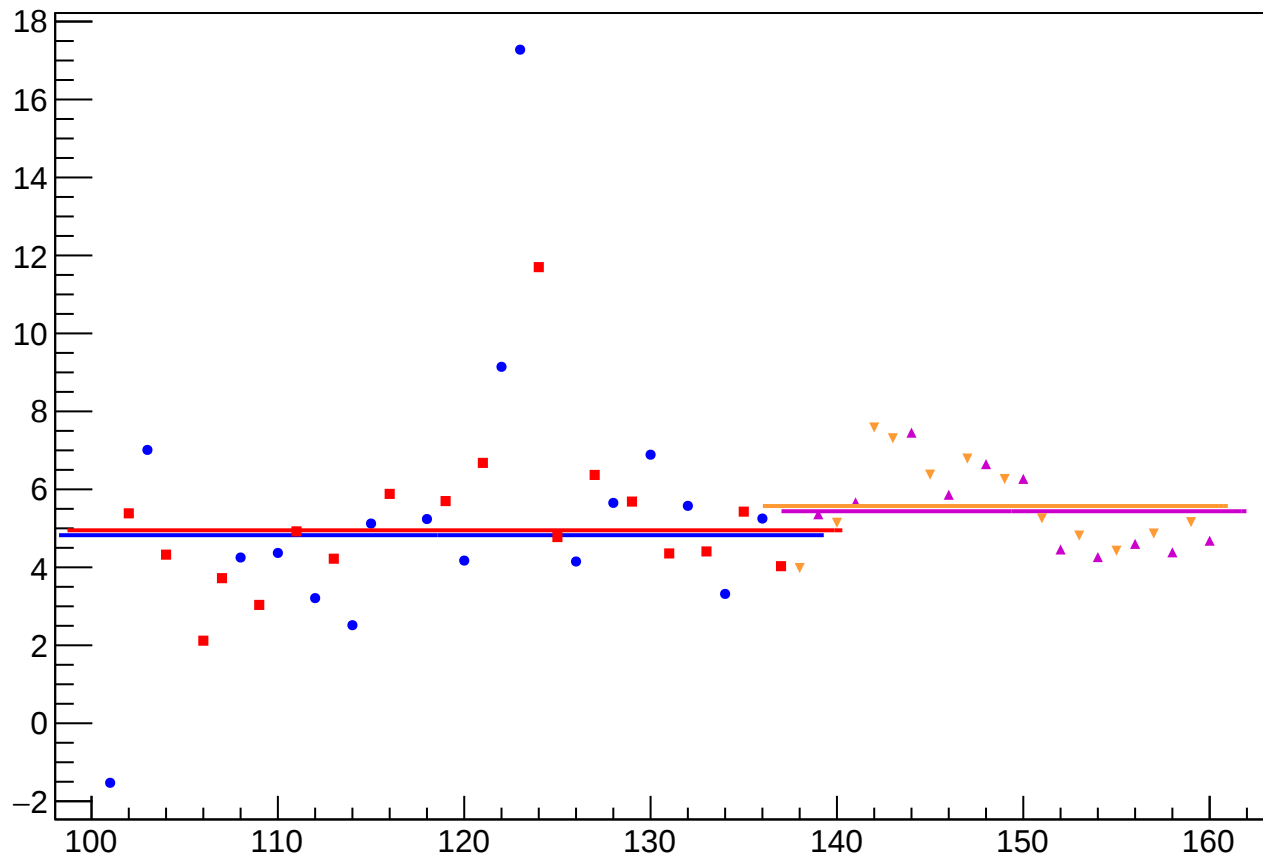
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

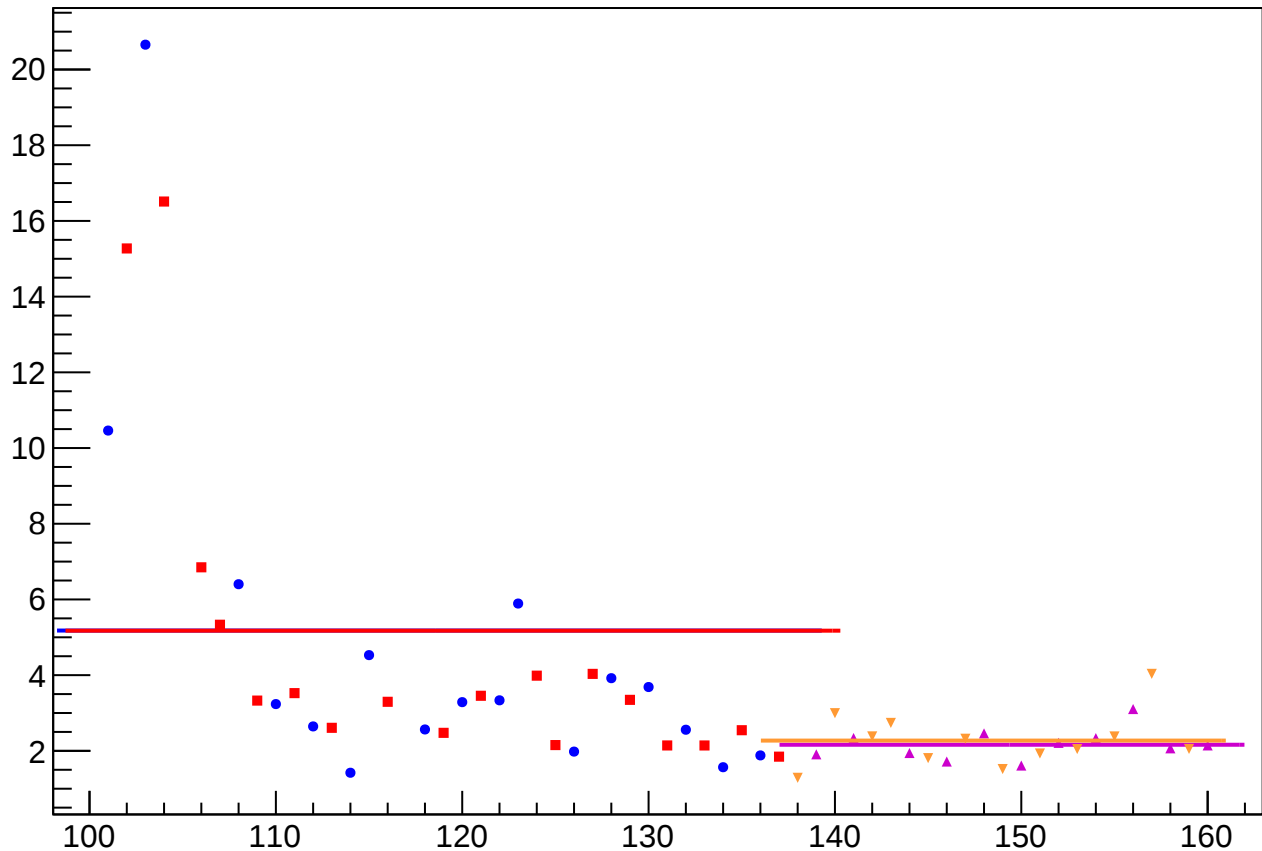
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_11X12X_coil6_mean vs Slug



Right In: 4.824+/-0.000 χ^2/NDF : 4654072520475619864481183580553216.0/16
 Left Out: 5.572+/-0.000 χ^2/NDF : 1020095199313484832120025296928768.0/11
 Right Out: 4.950+/-0.000 χ^2/NDF : 1515007904318518564448163120283648.0/17
 Left In: 5.439+/-0.000 χ^2/NDF : 966975123743589213264905804709888.0/10

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.179+/-0.000 χ^2/NDF : 19215970923479019199836696755568640.0/16

Left Out: 2.271+/-0.000 χ^2/NDF : 445973362143922999565724801826816.0/11

Right Out: 5.175+/-0.000 χ^2/NDF : 15553868406688086696237036103270400.0/17

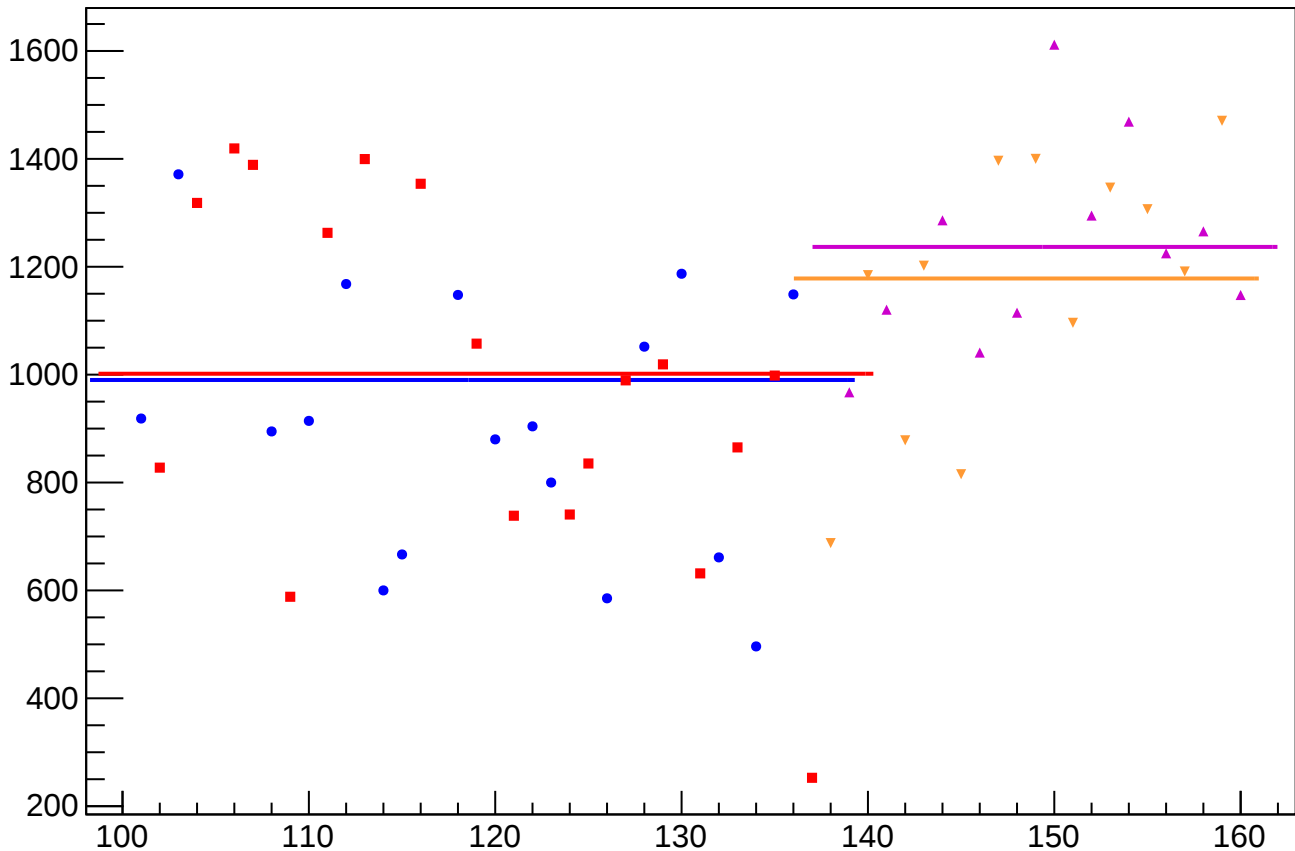
Left In: 2.161+/-0.000 χ^2/NDF : 138371088754302765080927377817600.0/10

+ sign 3.530+/-0.000 χ^2/NDF : 22988186376694934

All: 3.499+/-0.000 χ^2/NDF : 42359700854204

- sign 3.469+/-0.000 χ^2/NDF : 19368484032276007

dit_11X12X_coil6_Ndata_mean vs Slug



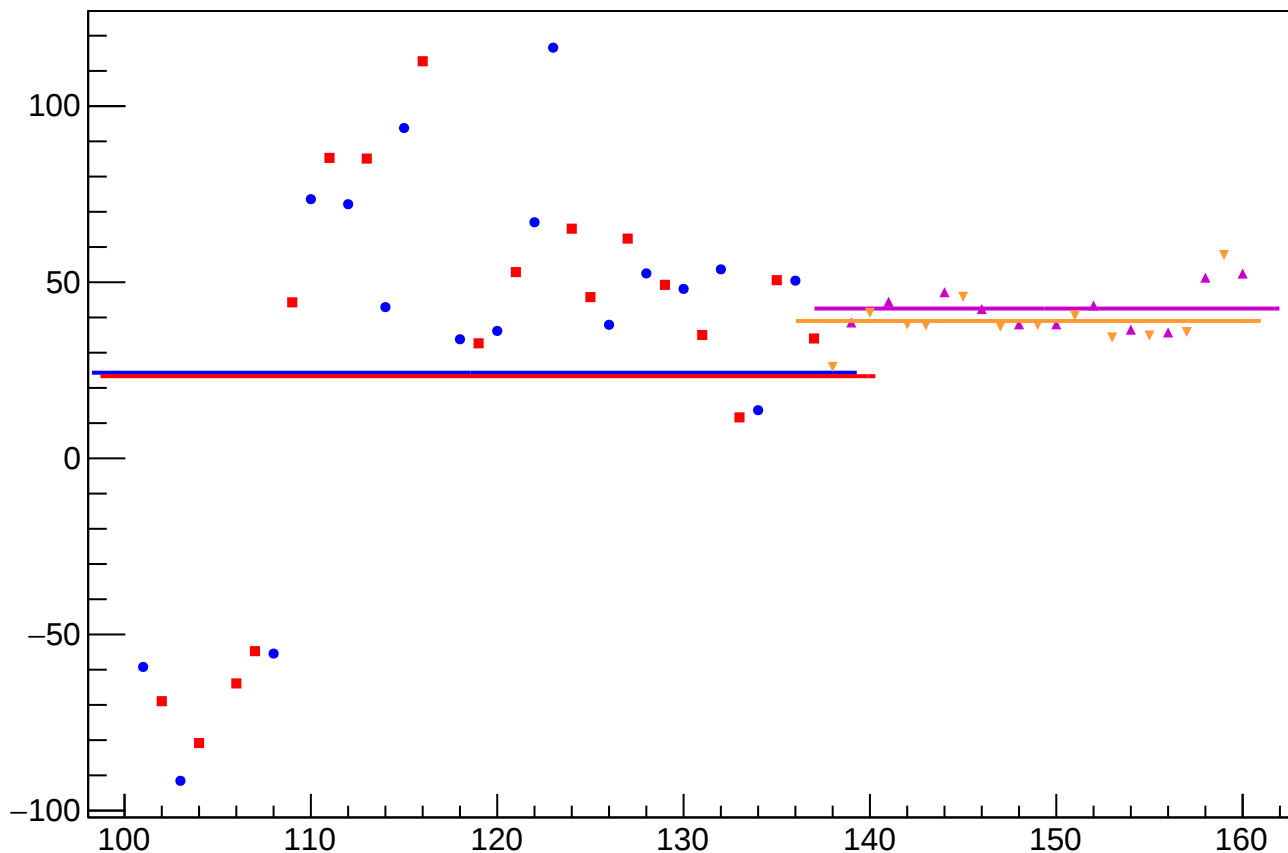
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_4aY_coil6_mean vs Slug



Right In: 24.318 $\pm$ 0.000 χ^2 /NDF: 2002814634195538334157710520710332416.0/16

+ sign 32.655 $\pm$ 0.000 χ^2 /NDF: 2137967707580672

Left Out: 39.019 $\pm$ 0.000 χ^2 /NDF: 50102899546886796047994324336508928.0/11

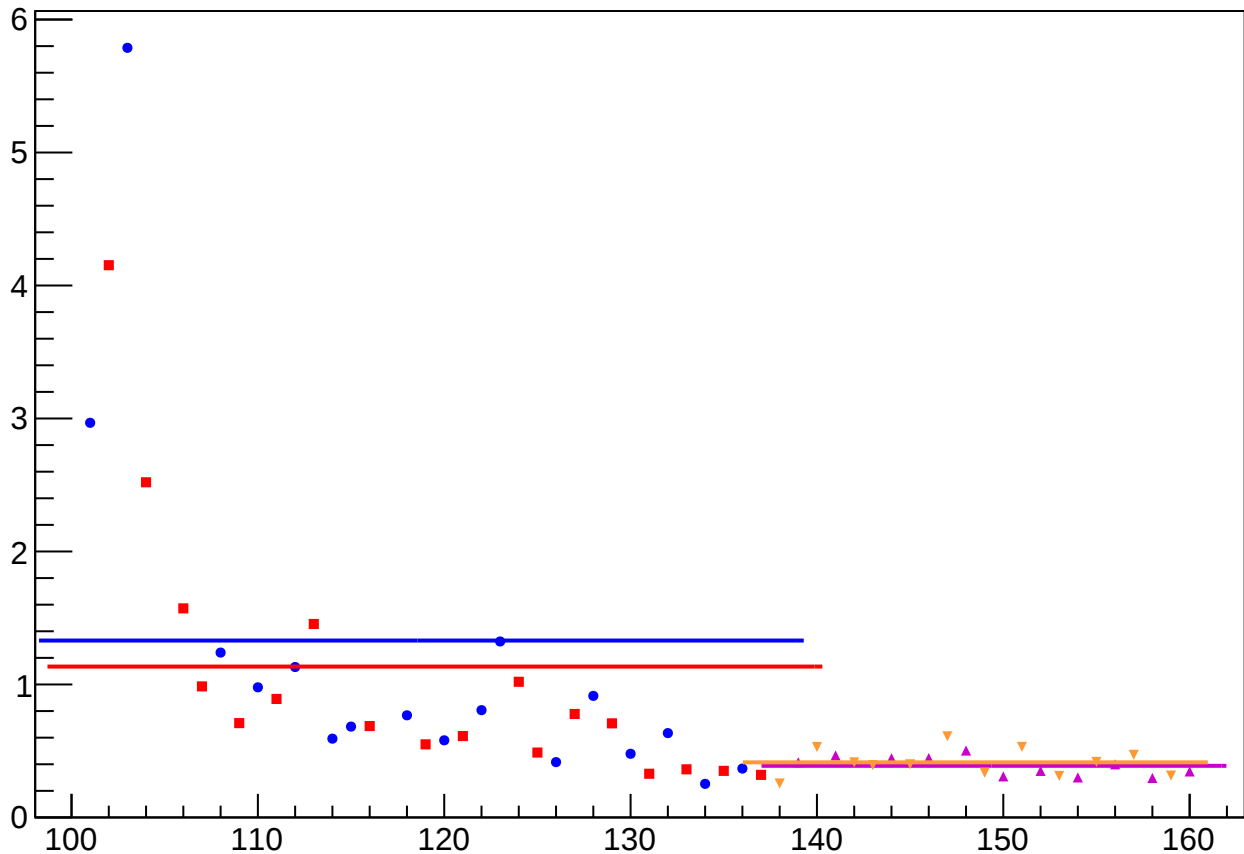
All: 33.438 $\pm$ 0.000 χ^2 /NDF: 4617966281278

Right Out: 23.323 $\pm$ 0.000 χ^2 /NDF: 2300287491781415748029178925971144704.0/17

- sign 34.199 $\pm$ 0.000 χ^2 /NDF: 2478060660645890

Left In: 42.534 $\pm$ 0.000 χ^2 /NDF: 28373028064789967113556541703192576.0/10

dit_4aY_coil6_err_mean vs Slug



Right In: 1.330 ± 0.000 χ^2/NDF : 1603106167275520107151234942631936.0/16

Left Out: 0.414 ± 0.000 χ^2/NDF : 9567880309690591091908795170816.0/11

Right Out: 1.135 ± 0.000 χ^2/NDF : 803137408294494563054397652205568.0/17

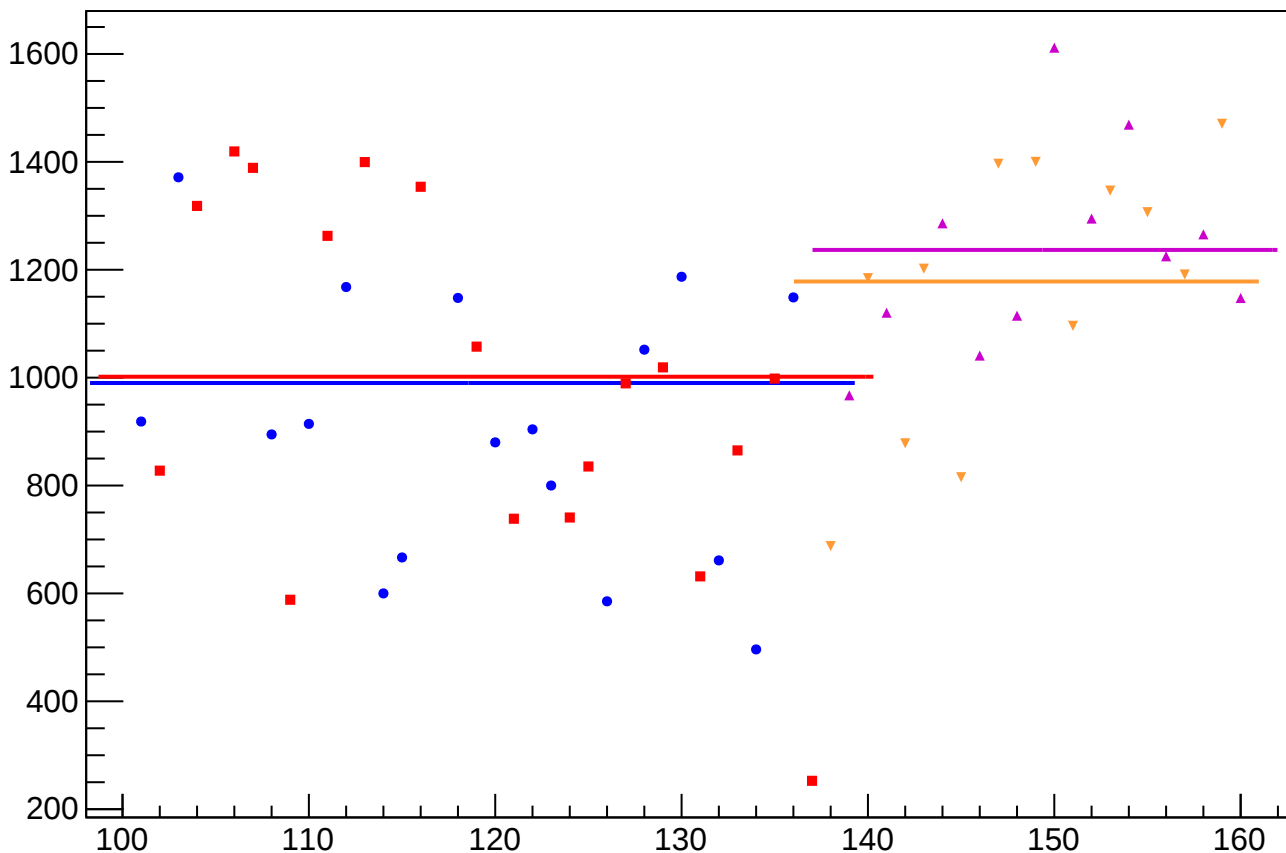
Left In: 0.388 ± 0.000 χ^2/NDF : 4478292013674144747987763462144.0/10

+ sign 0.811 ± 0.000 χ^2/NDF : 19427863684681372

All: 0.761 ± 0.000 χ^2/NDF : 29837870387158

- sign 0.712 ± 0.000 χ^2/NDF : 10330720587516045

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

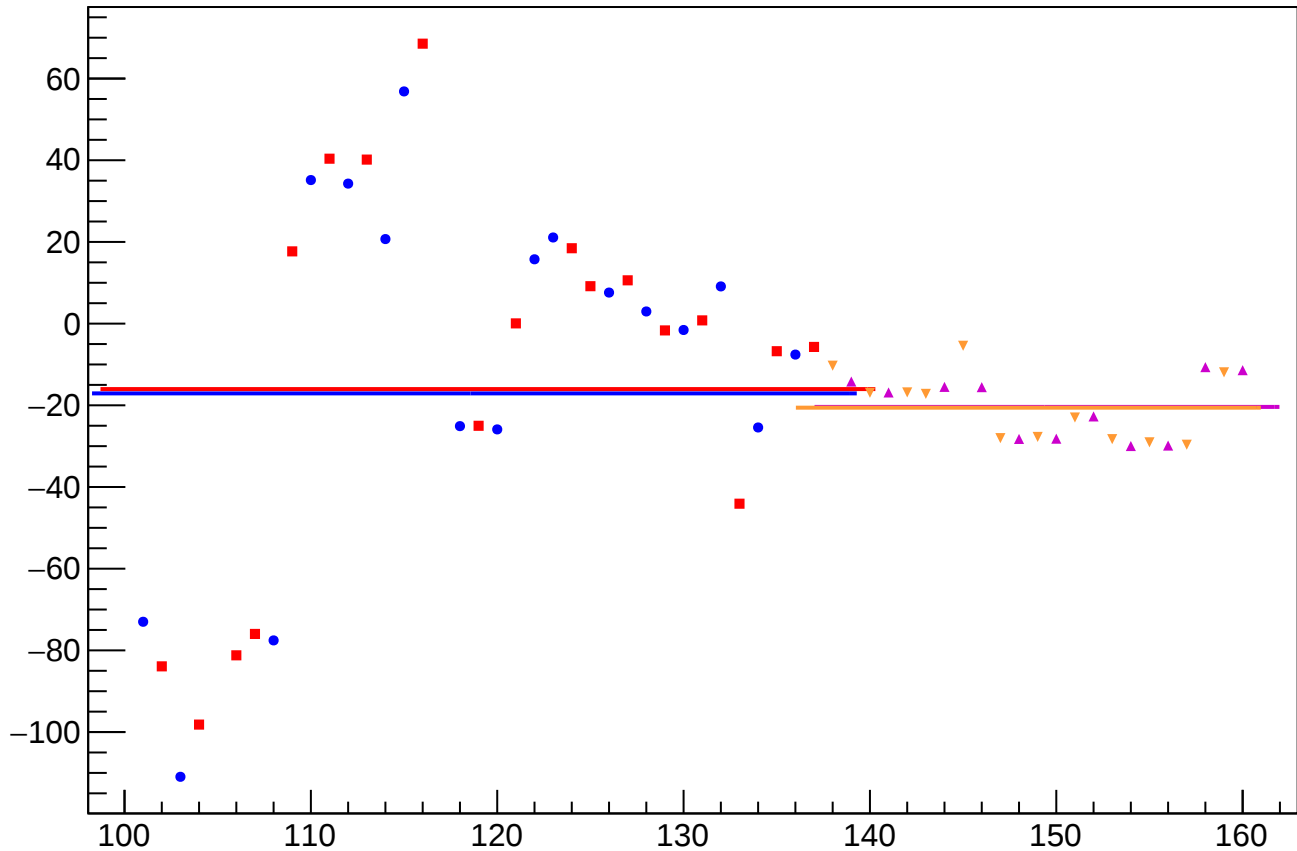
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

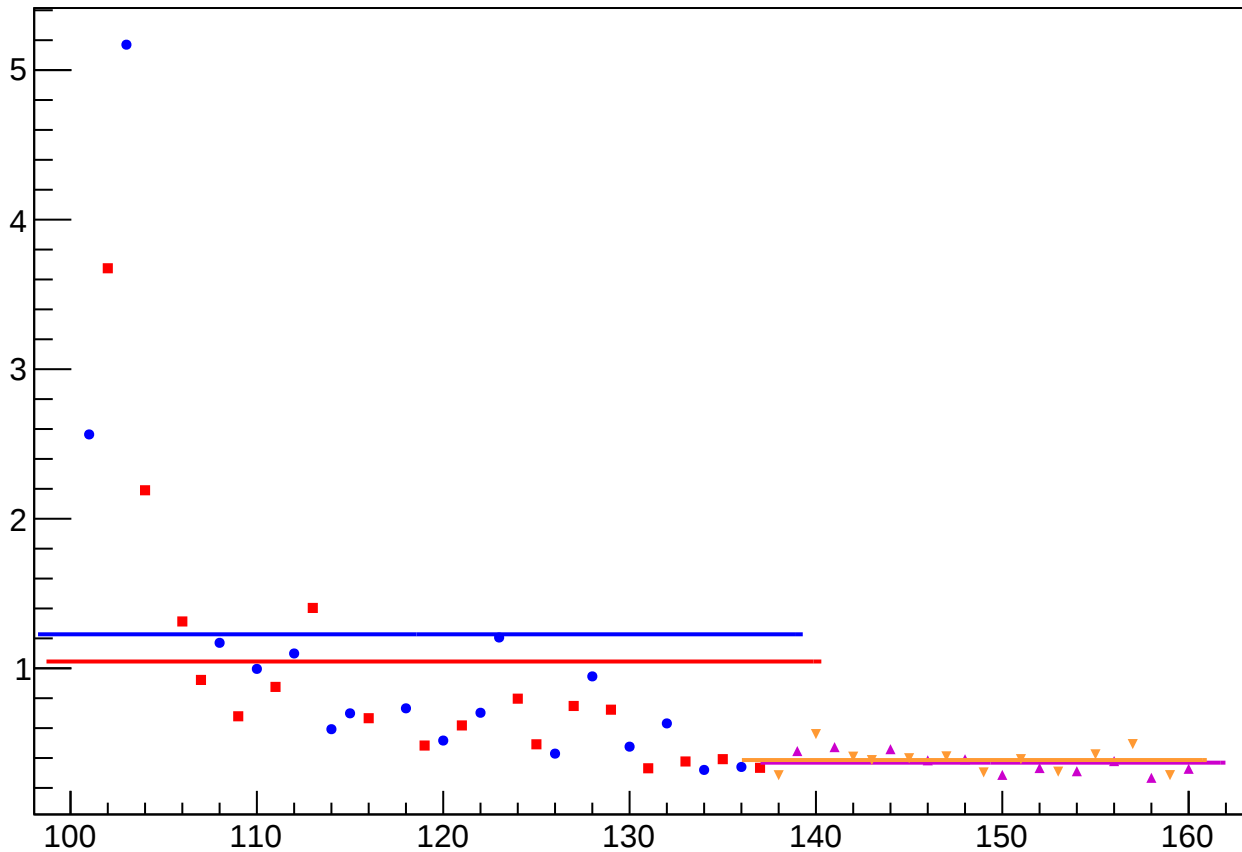
dit_4eY_coil6_mean vs Slug



Right In: -17.080 $\pm$ 0.000	χ^2/NDF : 1305852396524110552444351569704517632.0/16
Left Out: -20.578 $\pm$ 0.000	χ^2/NDF : 60639888412264927004894637808680960.0/11
Right Out: -16.026 $\pm$ 0.000	χ^2/NDF : 1544075638091019901834252047429402624.0/17
Left In: -20.391 $\pm$ 0.000	χ^2/NDF : 49123532237880600080923761508876288.0/10

+ sign -19.064 $\pm$ 0.000 χ^2/NDF : 137130924421391
 All: -18.777 $\pm$ 0.000 χ^2/NDF : 297248161358
 - sign -18.497 $\pm$ 0.000 χ^2/NDF : 1600911922183748

dit_4eY_coil6_err_mean vs Slug



Right In: 1.227 ± 0.000 χ^2/NDF : 1236268785411842731770087408140288.0/16

Left Out: 0.386 ± 0.000 χ^2/NDF : 6218656899307774549221745623040.0/11

Right Out: 1.045 ± 0.000 χ^2/NDF : 600057841416365938926945245855744.0/17

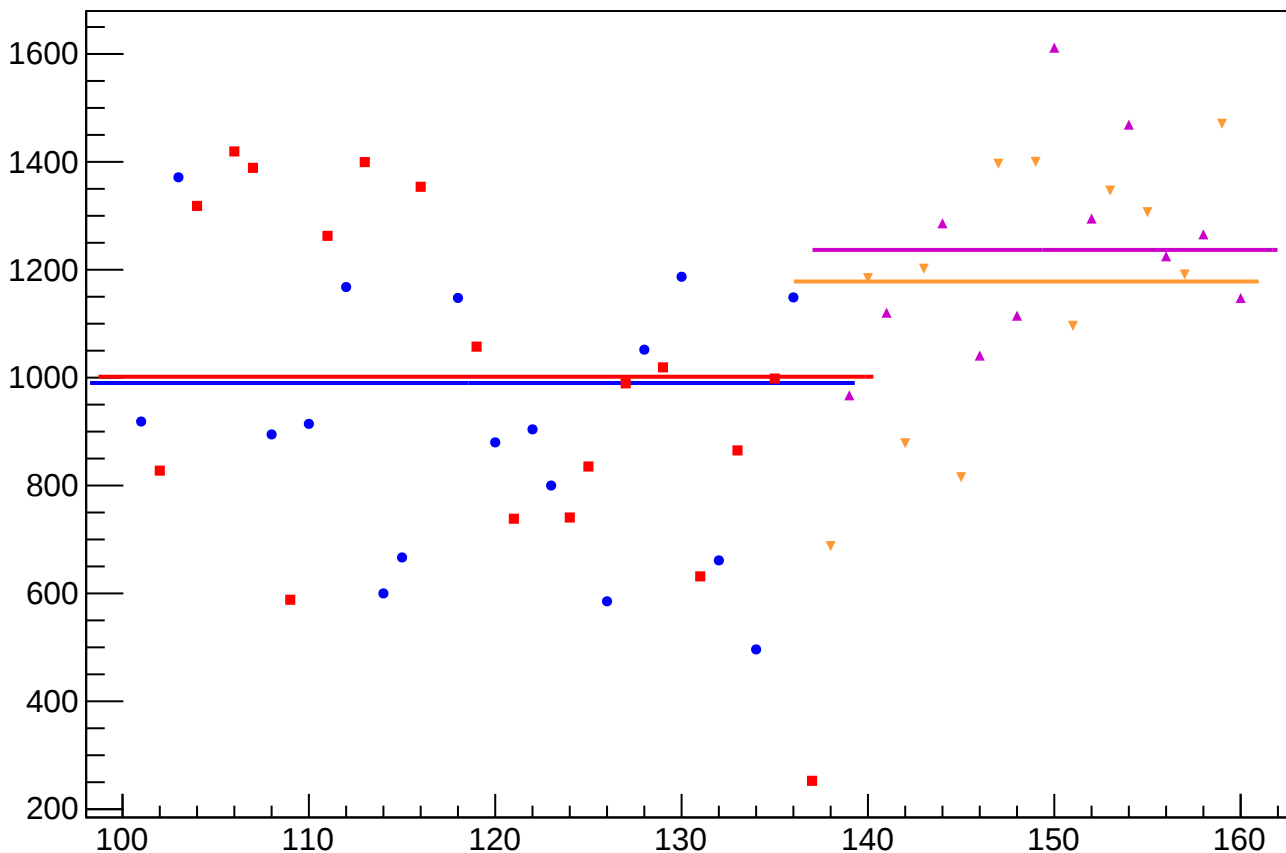
Left In: 0.369 ± 0.000 χ^2/NDF : 4180194840459374093507993010176.0/10

+ sign 0.750 ± 0.000 χ^2/NDF : 15206869652247083

All: 0.706 ± 0.000 χ^2/NDF : 23164479999377

- sign 0.662 ± 0.000 χ^2/NDF : 78945868116819838

dit_4eY_coil6_Ndata_mean vs Slug



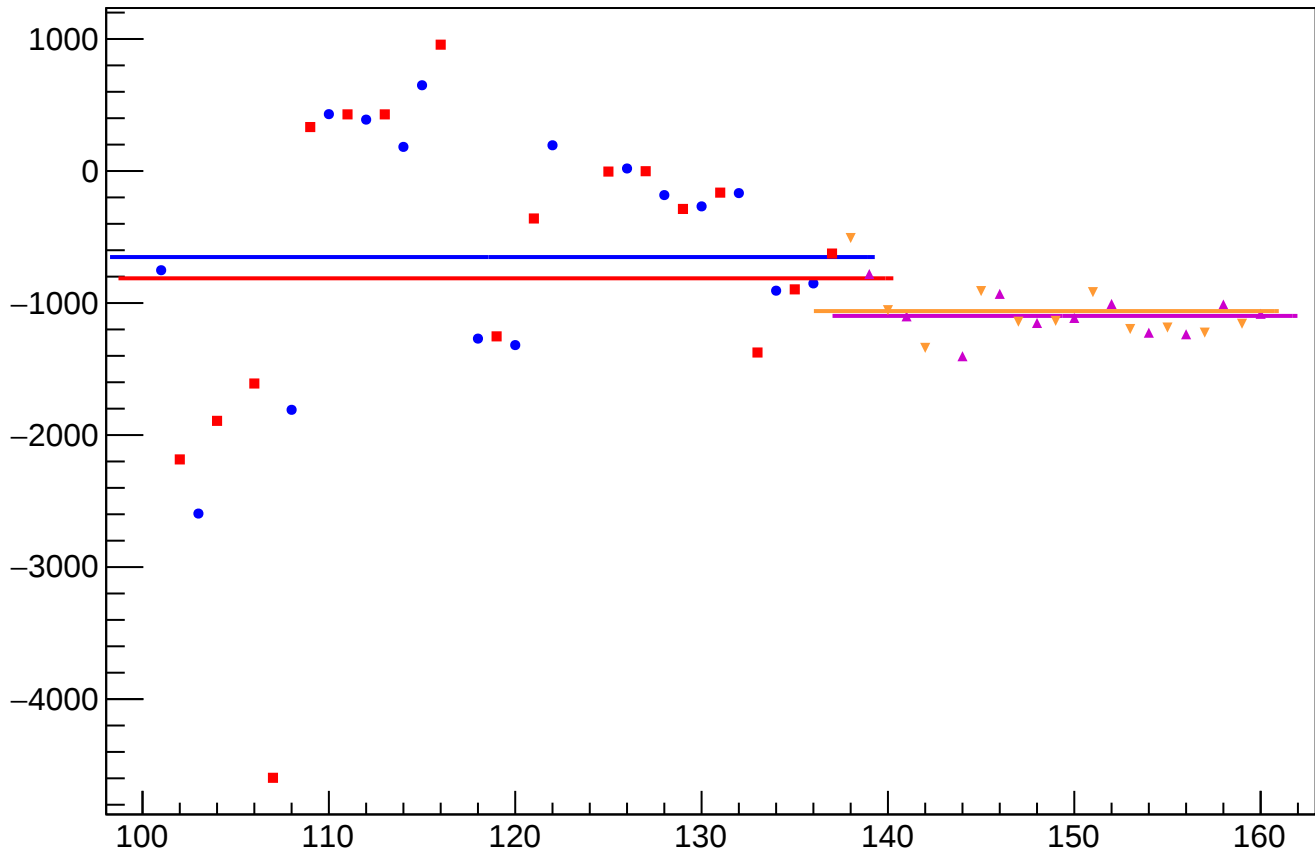
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

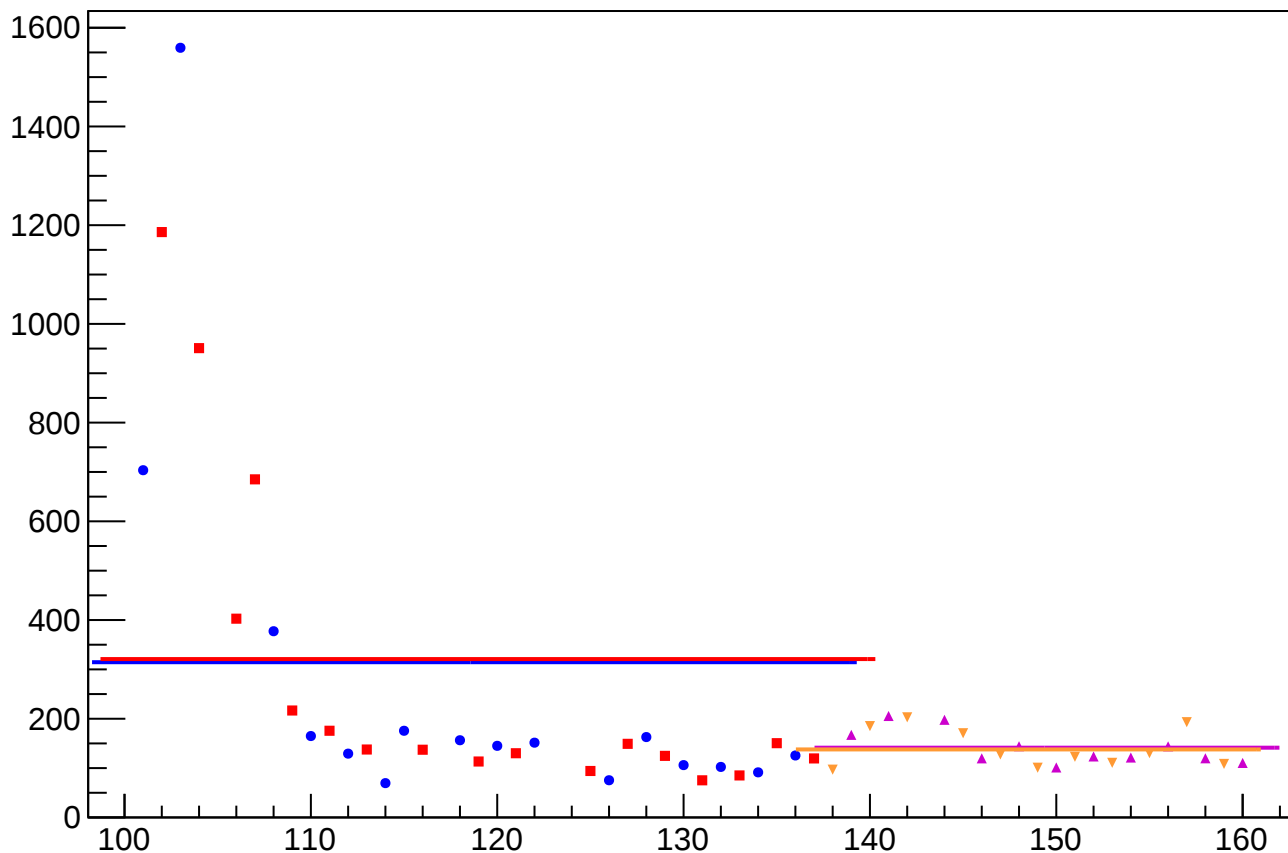
dit_usl_coil6_mean vs Slug



Right In: -651.720+/-0.000	χ^2/NDF : 515253429514141170908240824492993019904.0/15
Left Out: -1060.938+/-0.000	χ^2/NDF : 37316934369897173476470226506953523200.0/10
Right Out: -812.763+/-0.000	χ^2/NDF : 1101460876390641458322598423370785619968.0/16
Left In: -1097.494+/-0.000	χ^2/NDF : 23351400853511431173682229401488457728.0/10

+ sign -876.630+/-0.000 χ^2/NDF : 61607579829716
 All: -927.576+/-0.000 χ^2/NDF : 17810428364
 - sign -975.342+/-0.000 χ^2/NDF : 11572625882504

dit_usl_coil6_err_mean vs Slug



Right In: 314.545+/-0.000 χ^2/NDF : 119237374869722274381627978354572394496.0/15

Left Out: 137.826+/-0.000 χ^2/NDF : 1094456190127485878958561813734621184.0/10

Right Out: 320.904+/-0.000 χ^2/NDF : 87674109079535670450798871539758399488.0/16

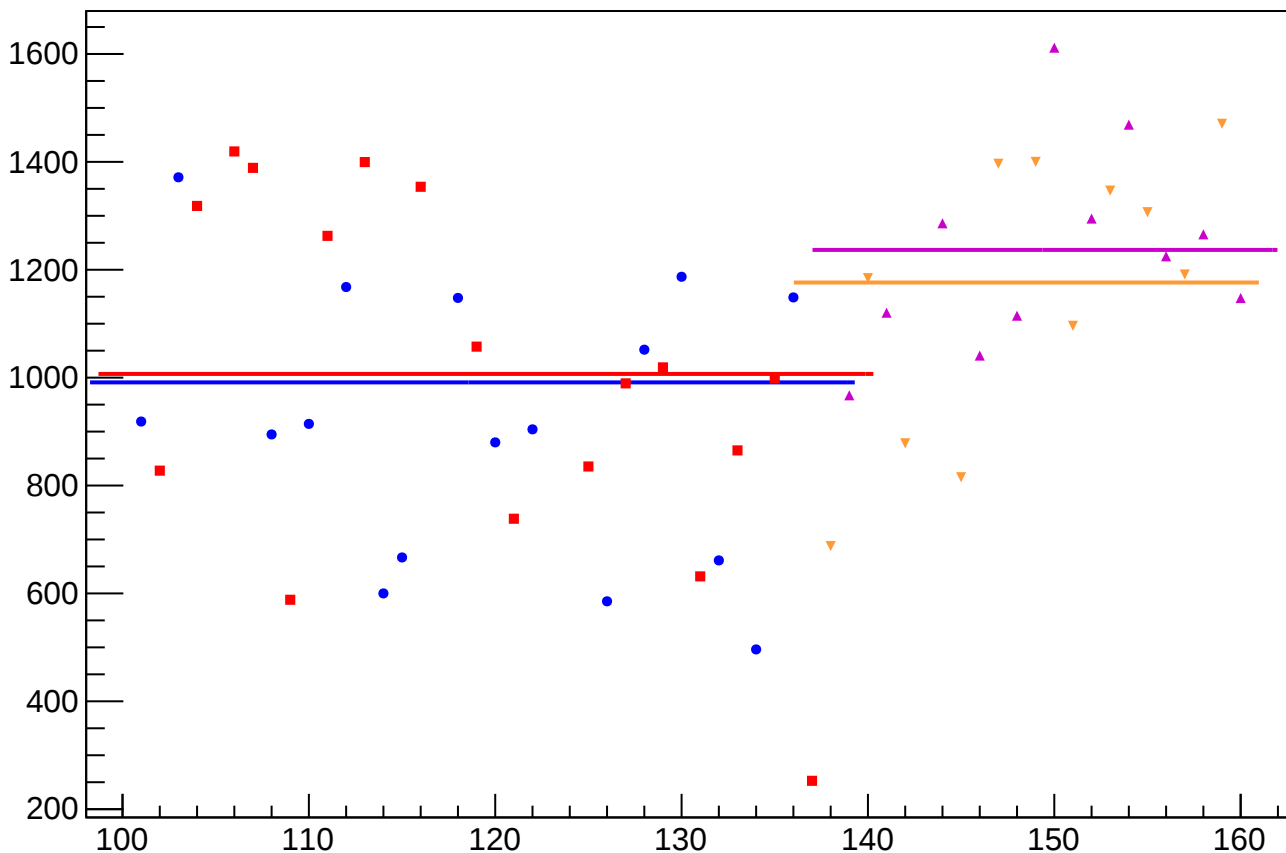
Left In: 141.362+/-0.000 χ^2/NDF : 1055012585821780249716984846873526272.0/10

+ sign 217.419+/-0.000 χ^2/NDF : 132174973205164

All: 217.918+/-0.000 χ^2/NDF : 23380755384

- sign 218.387+/-0.000 χ^2/NDF : 101631839528930

dit_usl_coil6_Ndata_mean vs Slug



Right In: 991.206+/-0.000 χ^2/NDF : 36748853080147814133782972147039207424.0/15

Left Out: 1176.365+/-0.000 χ^2/NDF : 52126967778678264824660469189129011200.0/10

Right Out: 1006.896+/-0.000 χ^2/NDF : 60379057385364851969891575322776698880.0/16

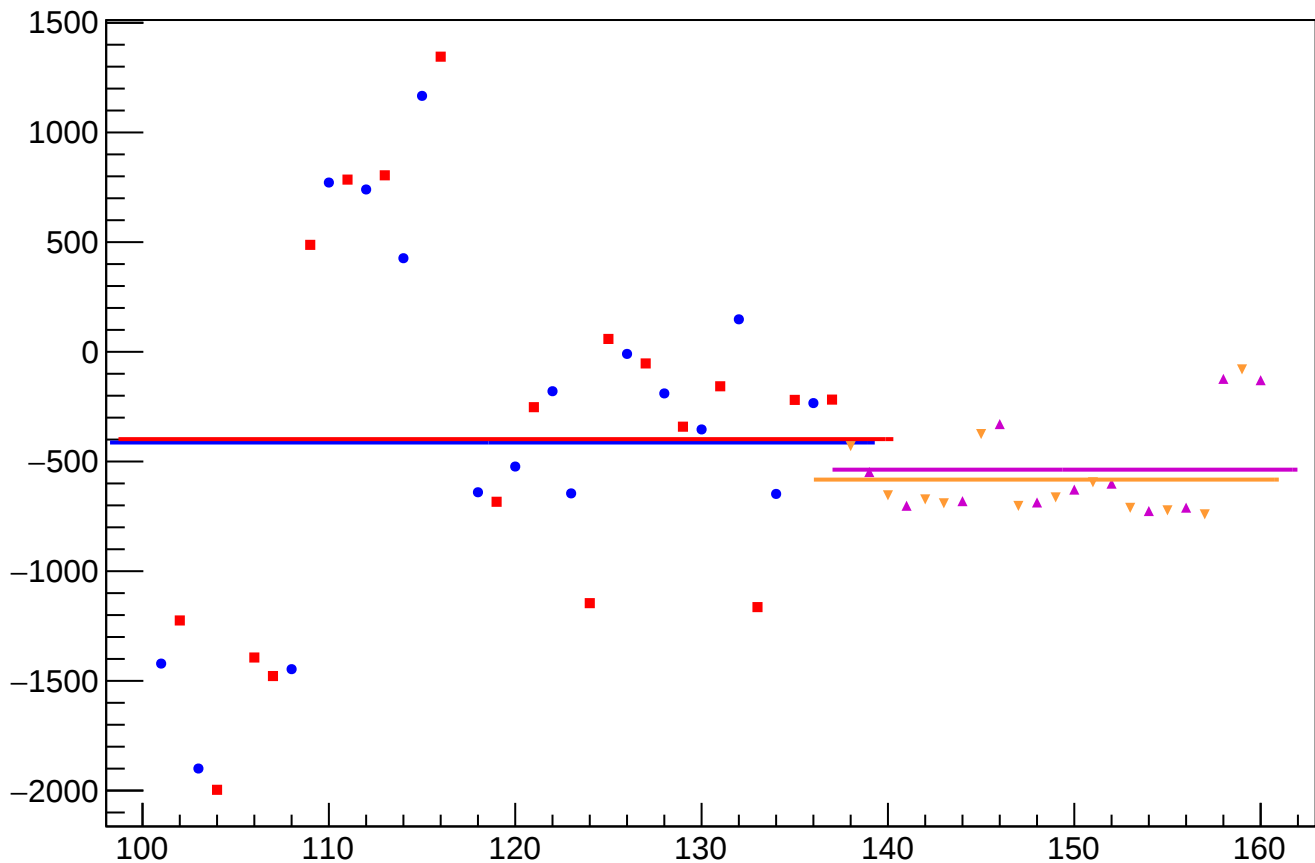
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ sign 1092.971+/-0.000 χ^2/NDF : 10187725269489

All: 1116.296+/-0.000 χ^2/NDF : 21533427694

- sign 1138.165+/-0.000 χ^2/NDF : 11184206536219

dit_usr_coil6_mean vs Slug



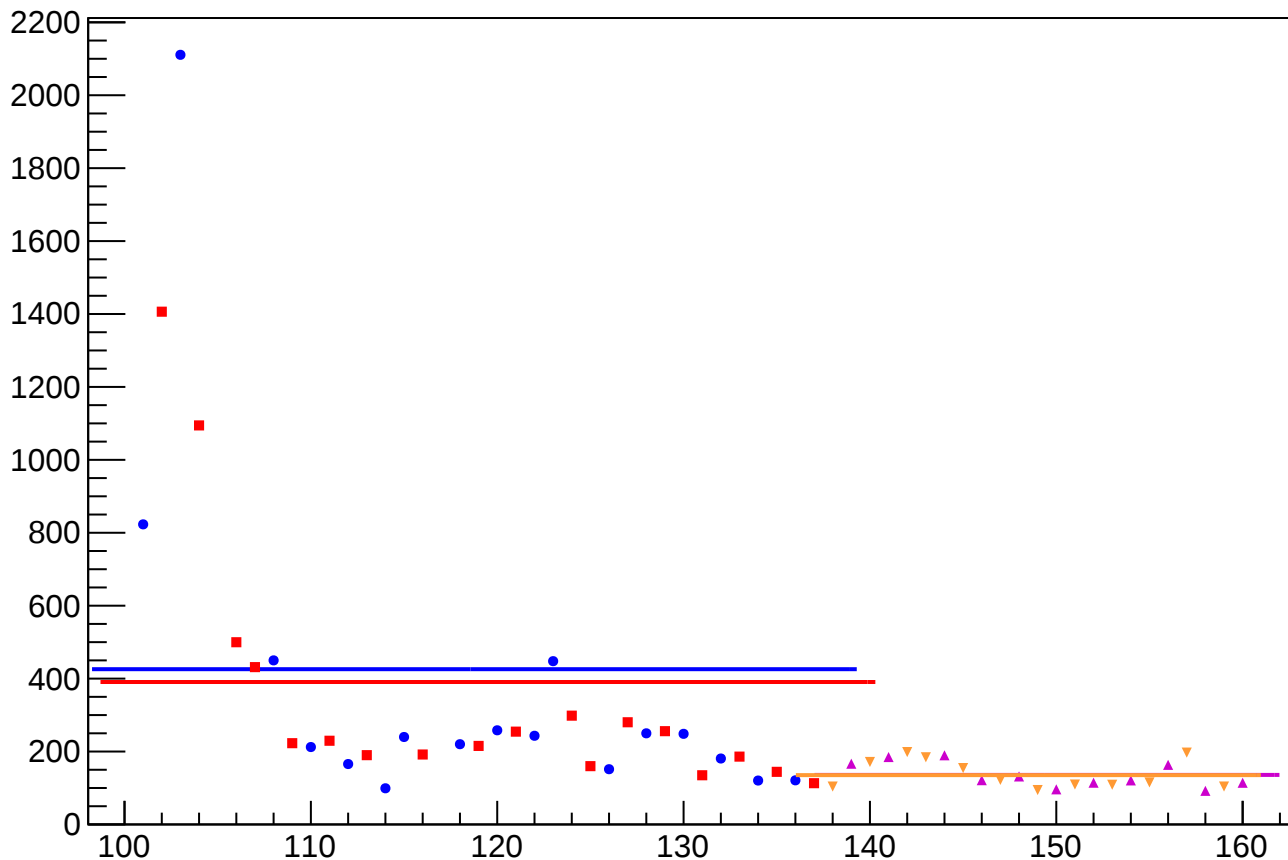
Right In: -413.418+/-0.000 χ^2/NDF : 416661262936725907024907175037323182080.0/16

Left Out: -582.459+/-0.000 χ^2/NDF : 33467960128357815096221409884680224768.0/11 + sign -509.274+/-0.000 χ^2/NDF : 46137454521581

Right Out: -397.961+/-0.000 χ^2/NDF : 544622124437292502497528454351499034624.0/17 All: -492.797+/-0.000 χ^2/NDF : 10586564487

Left In: -537.163+/-0.000 χ^2/NDF : 43957458836517899124048676659035897856.0/10 - sign -476.769+/-0.000 χ^2/NDF : 596423297831722

dit_usr_coil6_err_mean vs Slug



Right In: 425.847+/-0.000 χ^2/NDF : 207036344088227618256858466697210757120.0/16

Left Out: 135.302+/-0.000 χ^2/NDF : 1213972117724638790045949459626459136.0/11

Right Out: 390.709+/-0.000 χ^2/NDF : 105177402148385851360915440950786916352.0/17

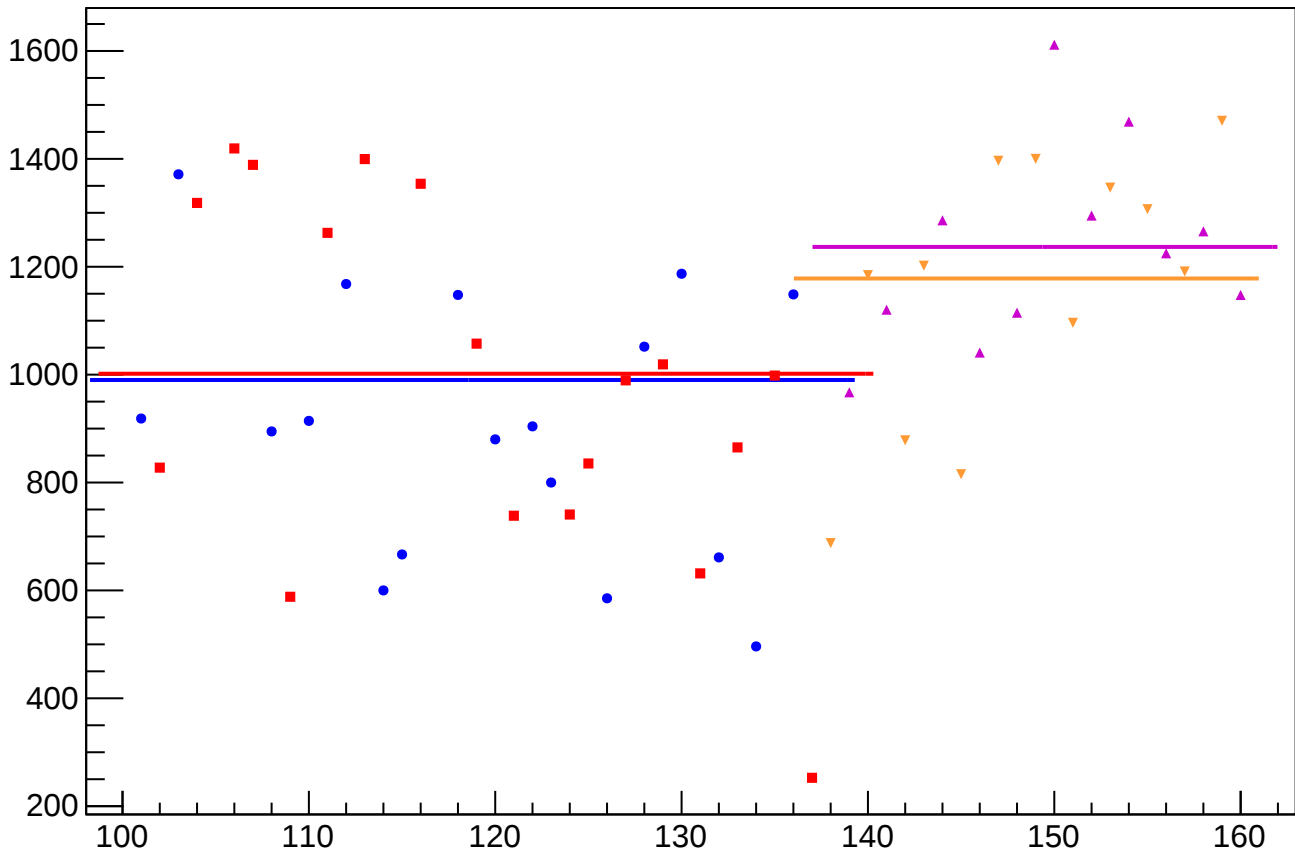
Left In: 135.877+/-0.000 χ^2/NDF : 1013407653524592727671386529217904640.0/10

+ sign 261.090+/-0.000 χ^2/NDF : 241471538230727

All: 253.663+/-0.000 χ^2/NDF : 374123627315

- sign 246.438+/-0.000 χ^2/NDF : 132477635867961

dit_usr_coil6_Ndata_mean vs Slug



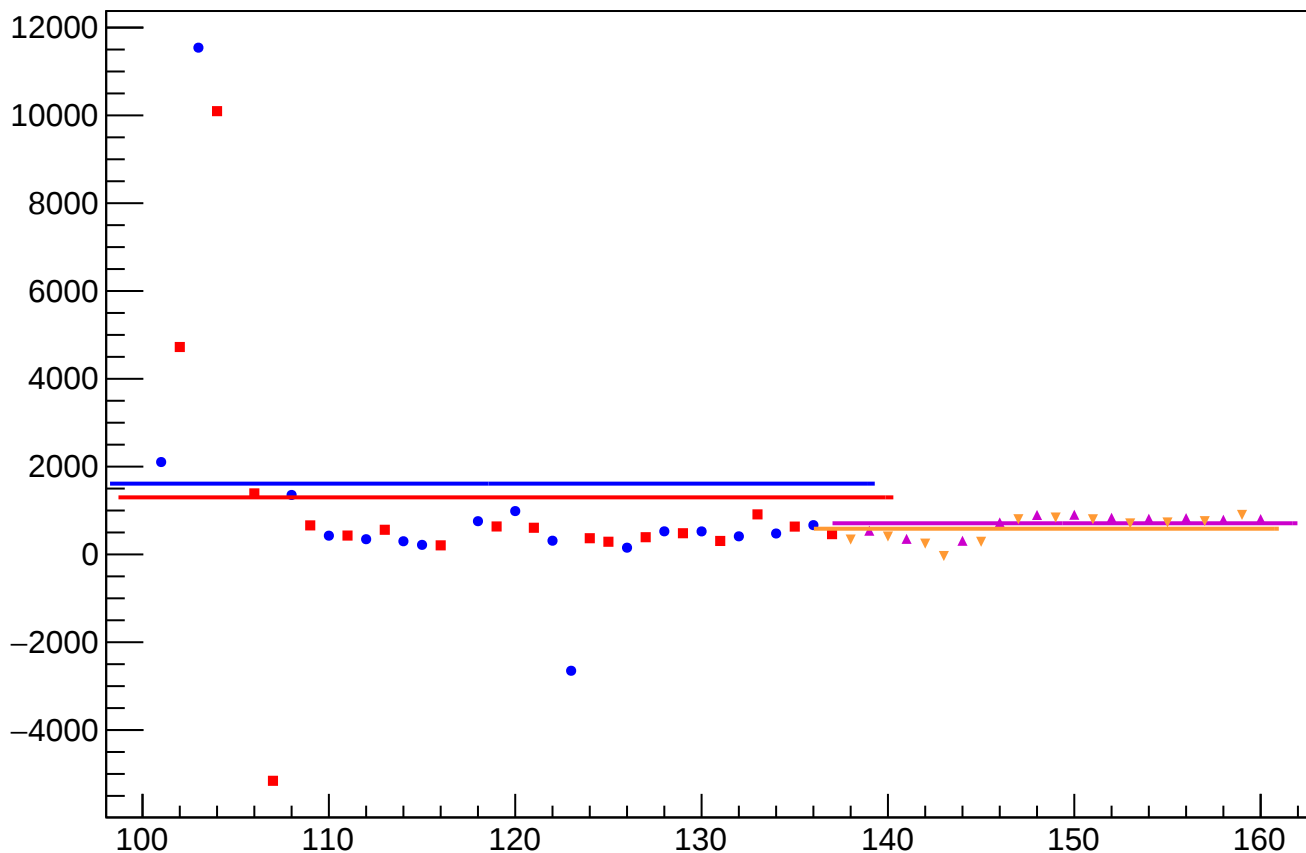
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

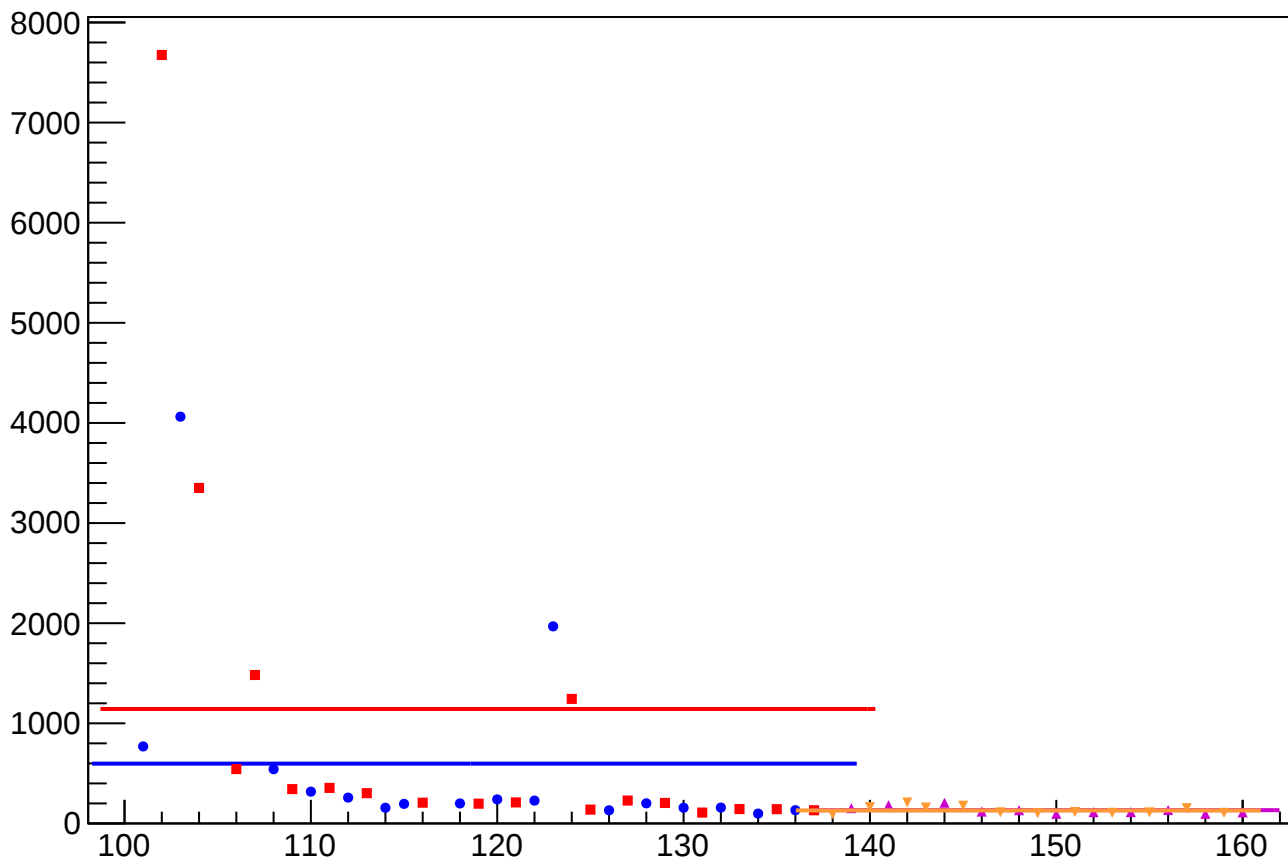
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atl1_coil6_mean vs Slug



Right In: 1612.346+/-0.000 χ^2/NDF : 6578565632222822389389916952029424517120.0/16
 Left Out: 585.355+/-0.000 χ^2/NDF : 71064130905944539858639816600462557184.0/11
 Right Out: 1299.611+/-0.000 χ^2/NDF : 6468181068576271058681439598083982753792.0/17
 Left In: 709.552+/-0.000 χ^2/NDF : 3832488724282383367835539132322414592.0/10
 All: 997.321+/-0.000 χ^2/NDF : 137155163833
 + sign 1029.979+/-0.000 χ^2/NDF : 70647019956652
 - sign 965.555+/-0.000 χ^2/NDF : 664744176785799

dit_atl1_coil6_err_mean vs Slug



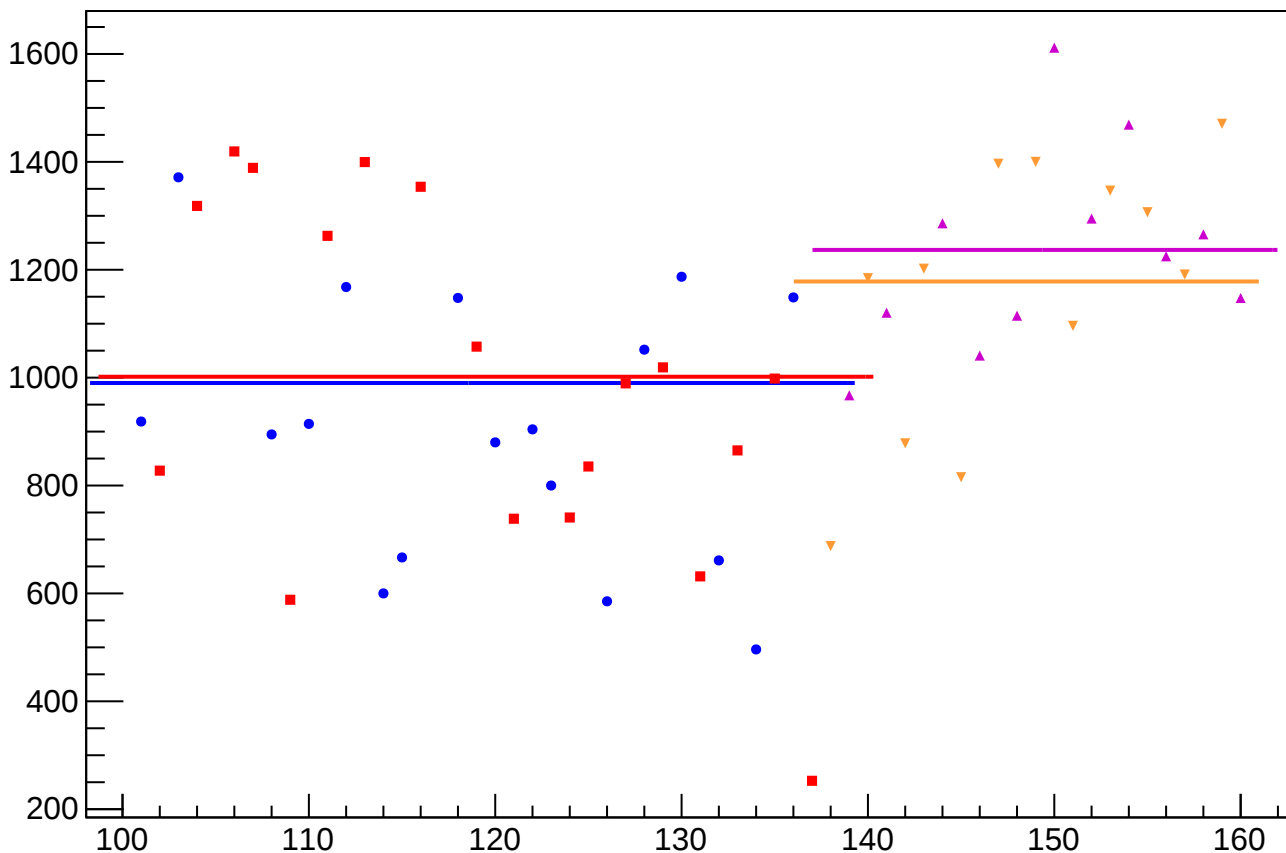
Right In: 597.382+/-0.000 χ^2/NDF : 808468639420281882930484113186400239616.0/16

Left Out: 130.051+/-0.000 χ^2/NDF : 1012152339815276325722639516246736896.0/11

Right Out: 1143.180+/-0.000 χ^2/NDF : 3192644561132334907368616853810301632512.0/17

Left In: 132.683+/-0.000 χ^2/NDF : 1095069941425855295085560512768901120.0/10

dit_atl1_coil6_Ndata_mean vs Slug



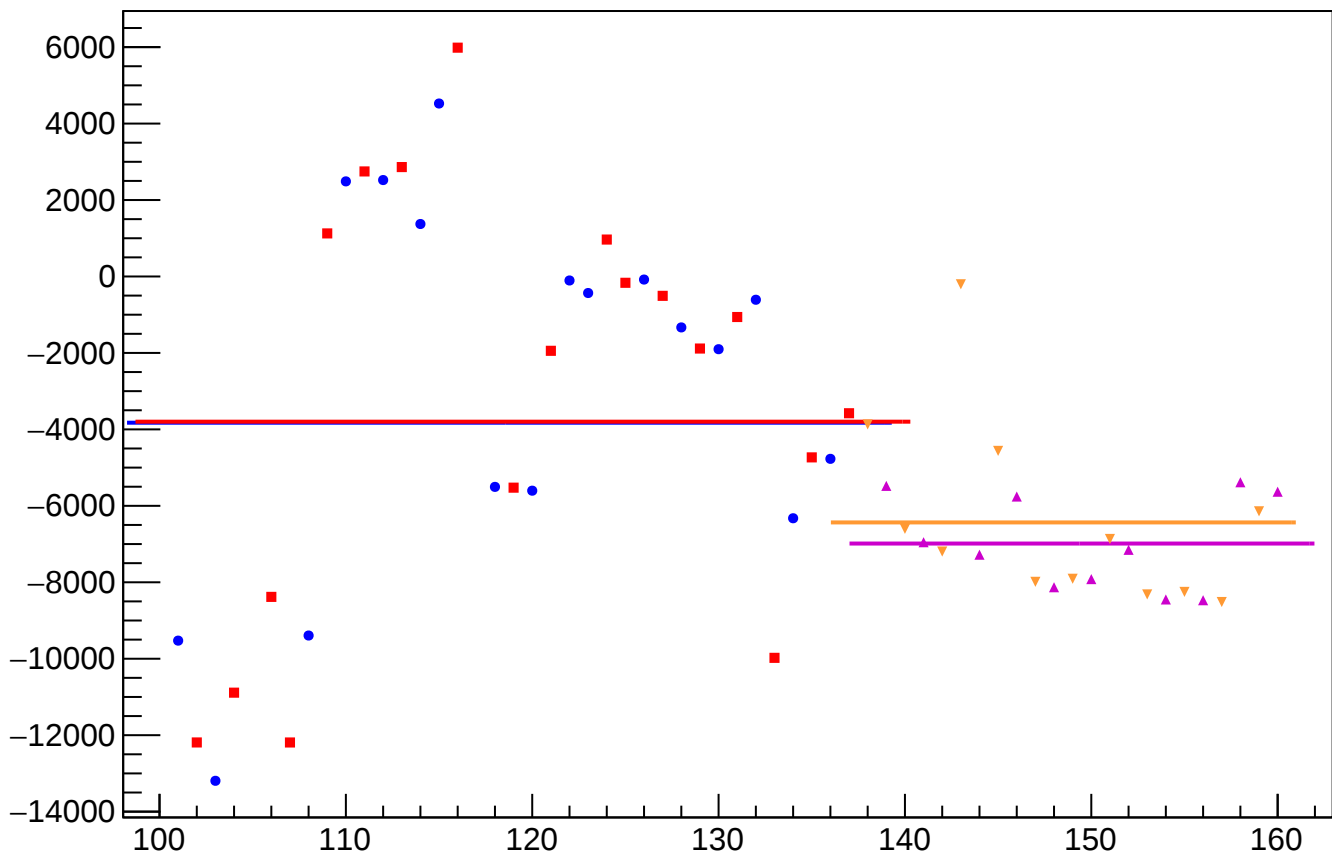
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

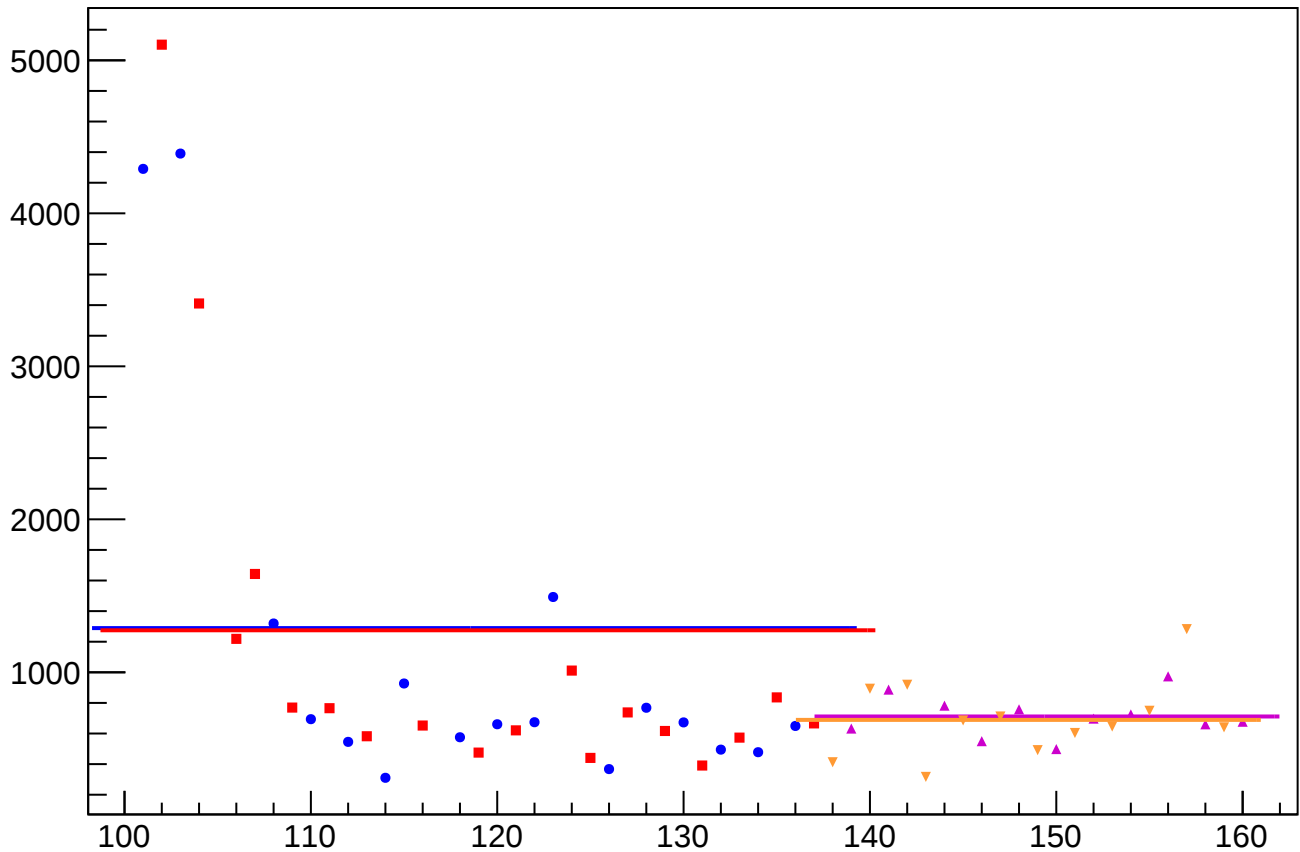
dit_atl2_coil6_mean vs Slug



Right In: -3825.392+/-0.000	χ^2/NDF : 15445294605440071214640081166471362772992.0/16
Left Out: -6434.104+/-0.000	χ^2/NDF : 4694104378818420456134132299517770334208.0/11
Right Out: -3798.528+/-0.000	χ^2/NDF : 21131316959829635023813459777790997954560.0/17
Left In: -6986.598+/-0.000	χ^2/NDF : 1235548818628101724226564744951120265216.0/10

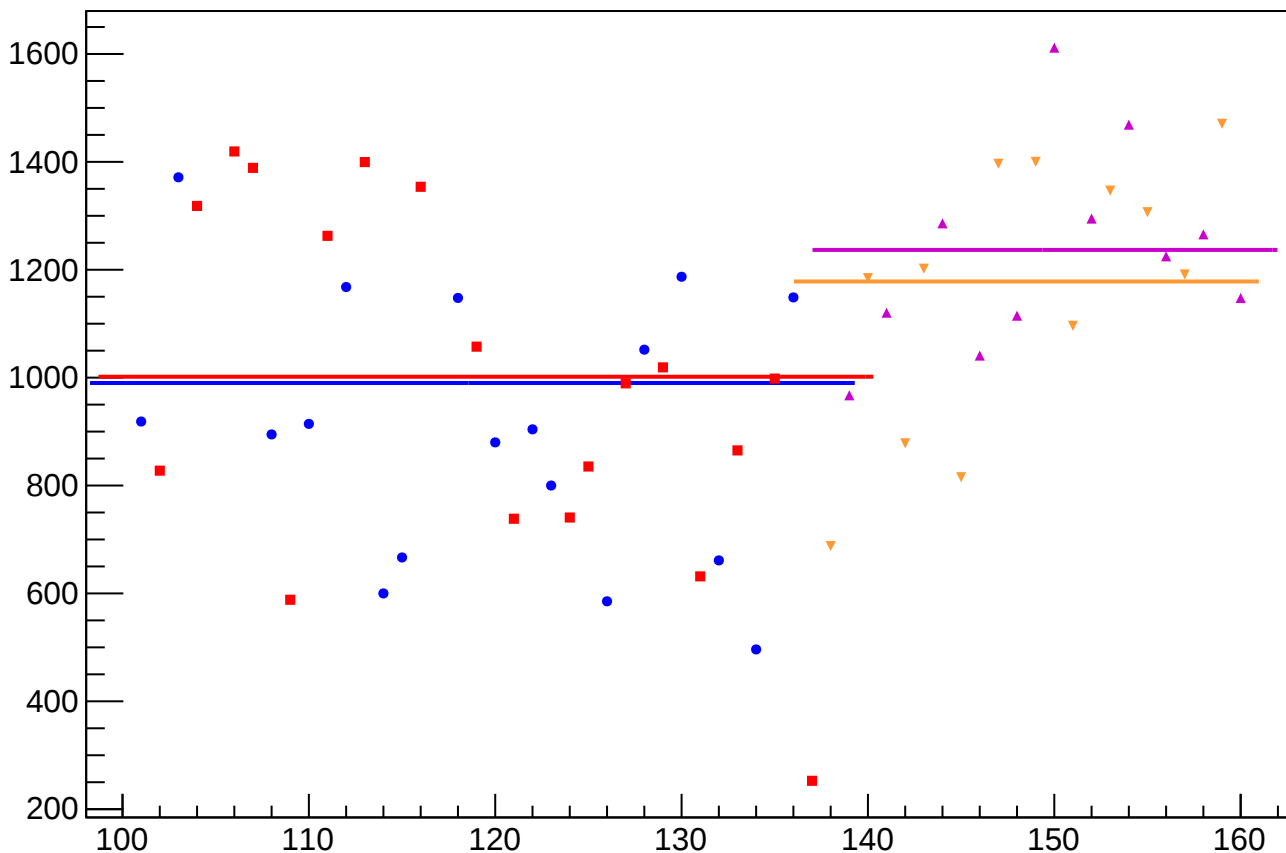
+ sign -5304.693+/-0.000 χ^2/NDF : 2281759294859
 All: -5456.126+/-0.000 χ^2/NDF : 4937118078
 - sign -5603.424+/-0.000 χ^2/NDF : 26481071466940

dit_atl2_coil6_err_mean vs Slug



Right In: 1288.972 $\pm$ 0.000 χ^2 /NDF: 1352910763882575479104094227028785496064.0/16
 Left Out: 689.077 $\pm$ 0.000 χ^2 /NDF: 51672387047118863079417001056116146176.0/11
 Right Out: 1274.734 $\pm$ 0.000 χ^2 /NDF: 1316265489507064730168544372361657319424.0/17
 Left In: 711.332 $\pm$ 0.000 χ^2 /NDF: 15887933249894385970628581231809265664.0/10

dit_atl2_coil6_Ndata_mean vs Slug



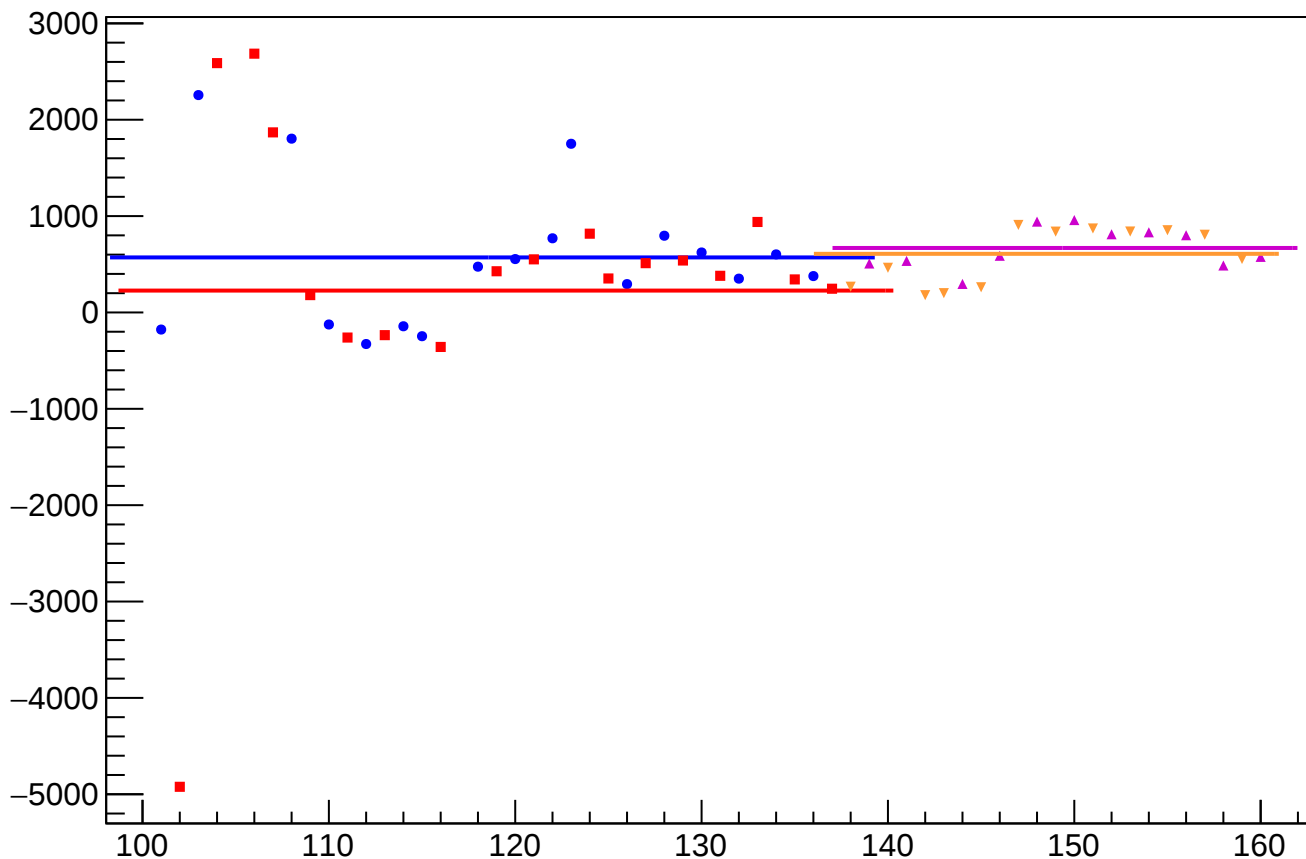
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atr1_coil6_mean vs Slug



Right In: 571.105+/-0.000 χ^2/NDF : 348676559810482432881112105158952615936.0/16

Left Out: 608.402+/-0.000 χ^2/NDF : 69117421342453825845201605751792992256.0/11

Right Out: 227.021+/-0.000 χ^2/NDF : 2178465037537899335461890002061994491904.0/17

Left In: 669.223+/-0.000 χ^2/NDF : 39382312244115775396192244581527453696.0/10

+ sign 592.255+/-0.000 χ^2/NDF : 418341440633097

All: 534.017+/-0.000 χ^2/NDF : 272606756972

- sign 477.370+/-0.000 χ^2/NDF : 229700106899621

dit_atr1_coil6_err_mean vs Slug



Right In: 519.063+/-0.000 χ^2/NDF : 420187131793740379632134790837132328960.0/16

Left Out: 143.116+/-0.000 χ^2/NDF : 711290210266154833943358309092294656.0/11

Right Out: 816.445+/-0.000 χ^2/NDF : 2586841774338234136799977462346624794624.0/17

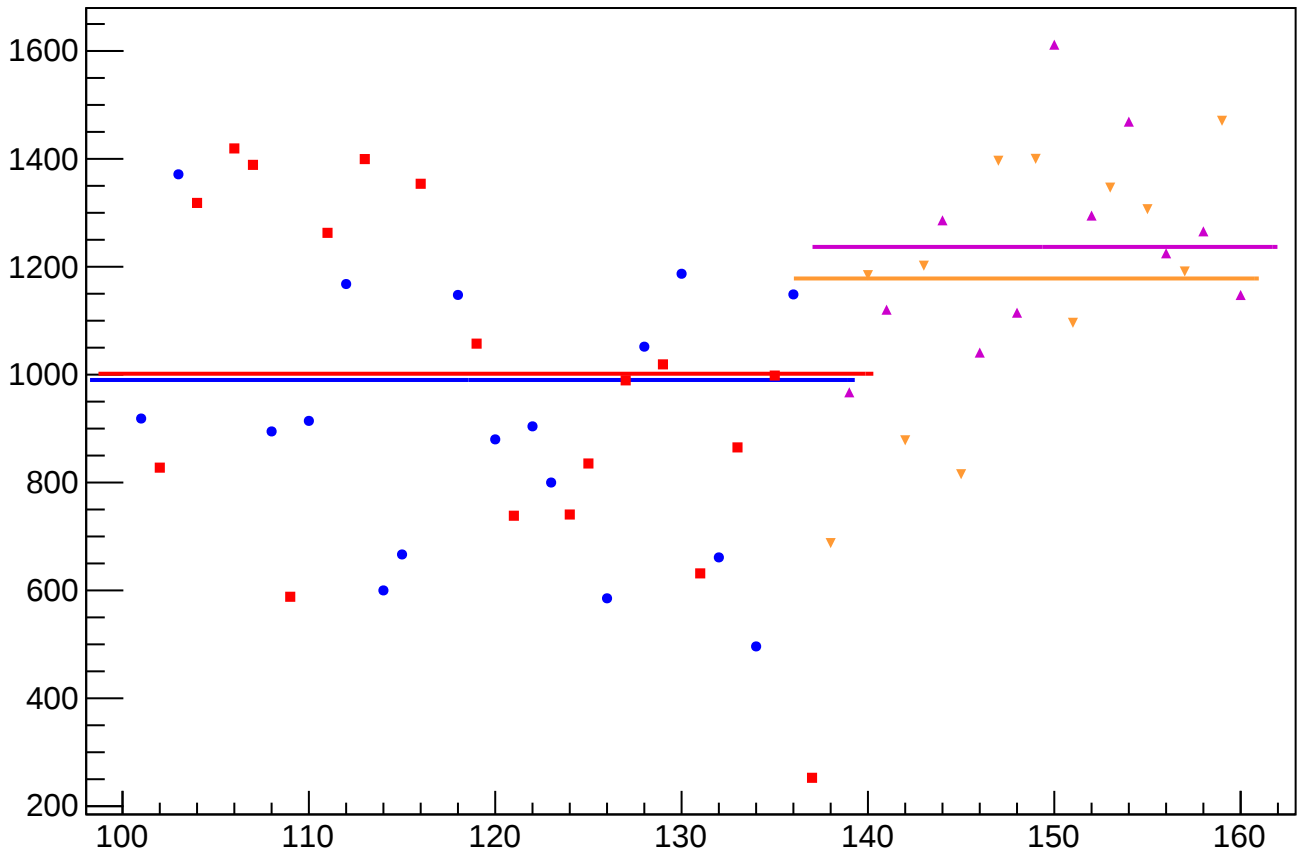
Left In: 145.264+/-0.000 χ^2/NDF : 787451488433589165323793528208228352.0/10

+ sign 305.878+/-0.000 χ^2/NDF : 476519959968556

All: 372.074+/-0.000 χ^2/NDF : 32603572953

- sign 436.462+/-0.000 χ^2/NDF : 276998079059233

dit_atr1_coil6_Ndata_mean vs Slug



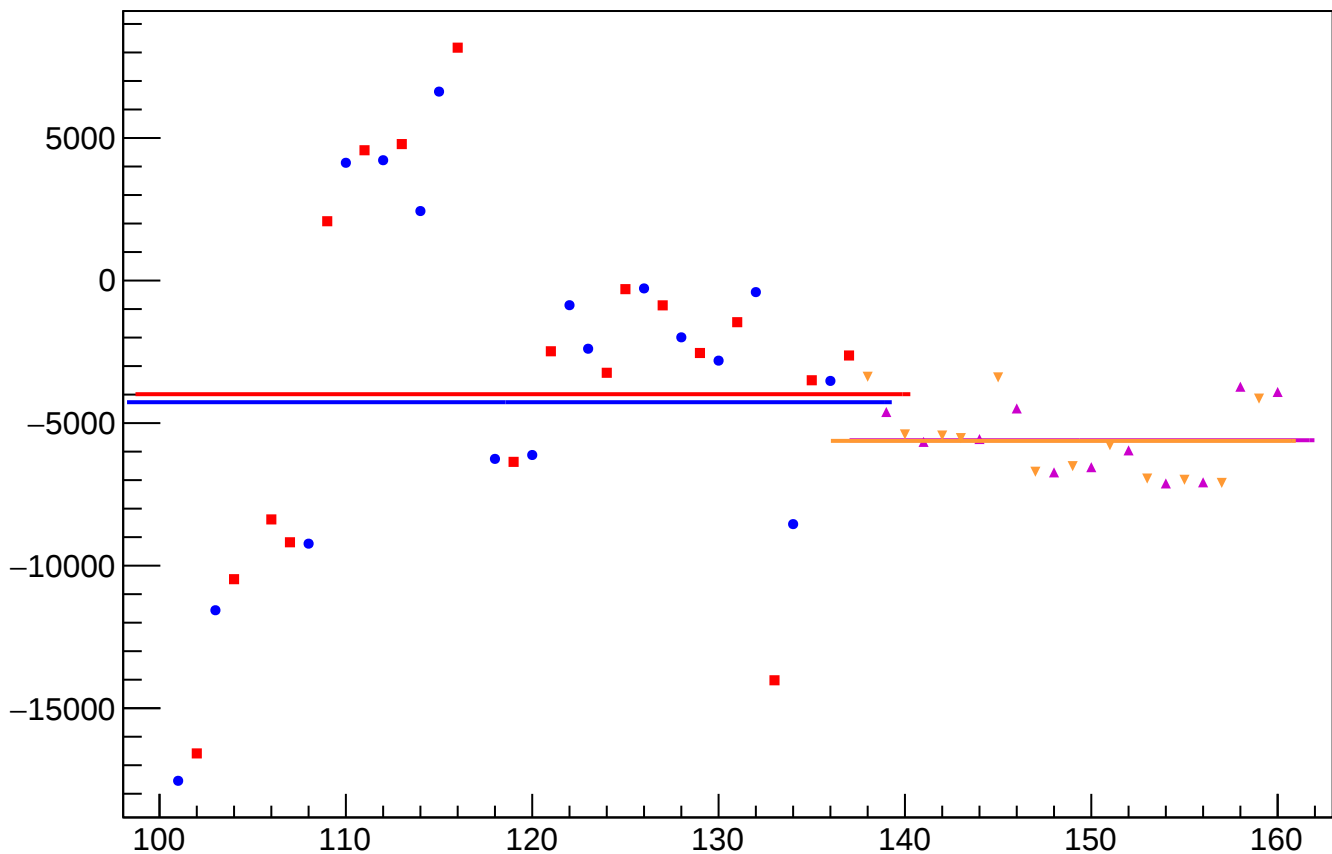
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

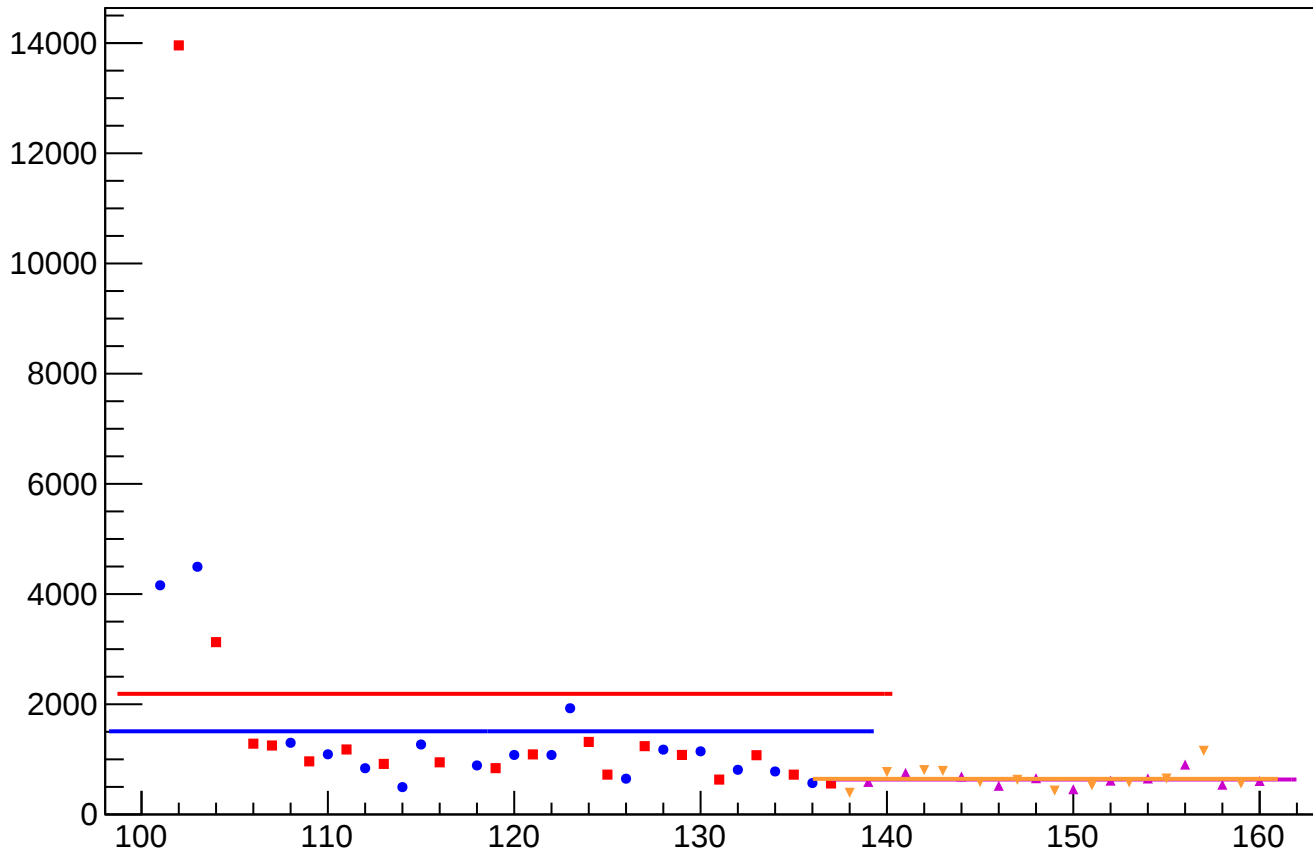
dit_atr2_coil6_mean vs Slug



Right In: -4266.932+/-0.000	χ^2/NDF : 25403959108162984315551486343624496513024.0/16
Left Out: -5623.118+/-0.000	χ^2/NDF : 1581209031874296874377039249105372577792.0/11
Right Out: -3985.866+/-0.000	χ^2/NDF : 31378292211366162940134938718336985333760.0/17
Left In: -5600.969+/-0.000	χ^2/NDF : 1284033803057879693677598537255558840320.0/10

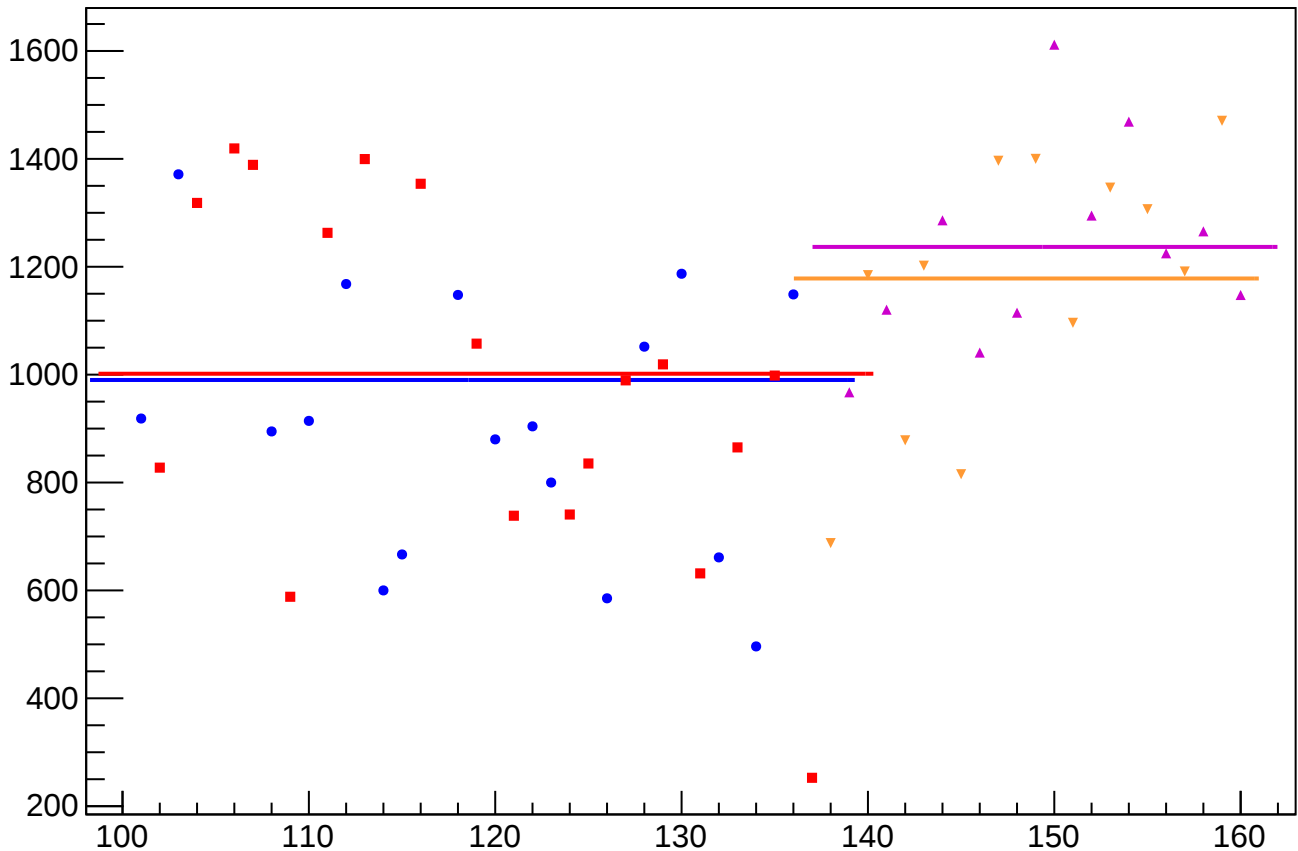
+ sign -5035.973+/-0.000 χ^2/NDF : 2770898483236
 All: -4967.168+/-0.000 χ^2/NDF : 6144220121
 - sign -4900.242+/-0.000 χ^2/NDF : 33718245922920

dit_atr2_coil6_err_mean vs Slug



Right In: 1509.121+/-0.000 χ^2/NDF : 1169972089698319936649693761541425332224.0/16
 Left Out: 646.174+/-0.000 χ^2/NDF : 34105781677425395538056373827956375552.0/11
 Right Out: 2189.301+/-0.000 χ^2/NDF : 8986539063289018670432989988372162281472.0/17
 Left In: 634.343+/-0.000 χ^2/NDF : 12312915107383873124917312703313215488.0/10
 All: 1166.378+/-0.000 χ^2/NDF : 11542693774
 + sign 1019.777+/-0.000 χ^2/NDF : 14971387760203
 - sign 1308.976+/-0.000 χ^2/NDF : 99775926778021

dit_atr2_coil6_Ndata_mean vs Slug



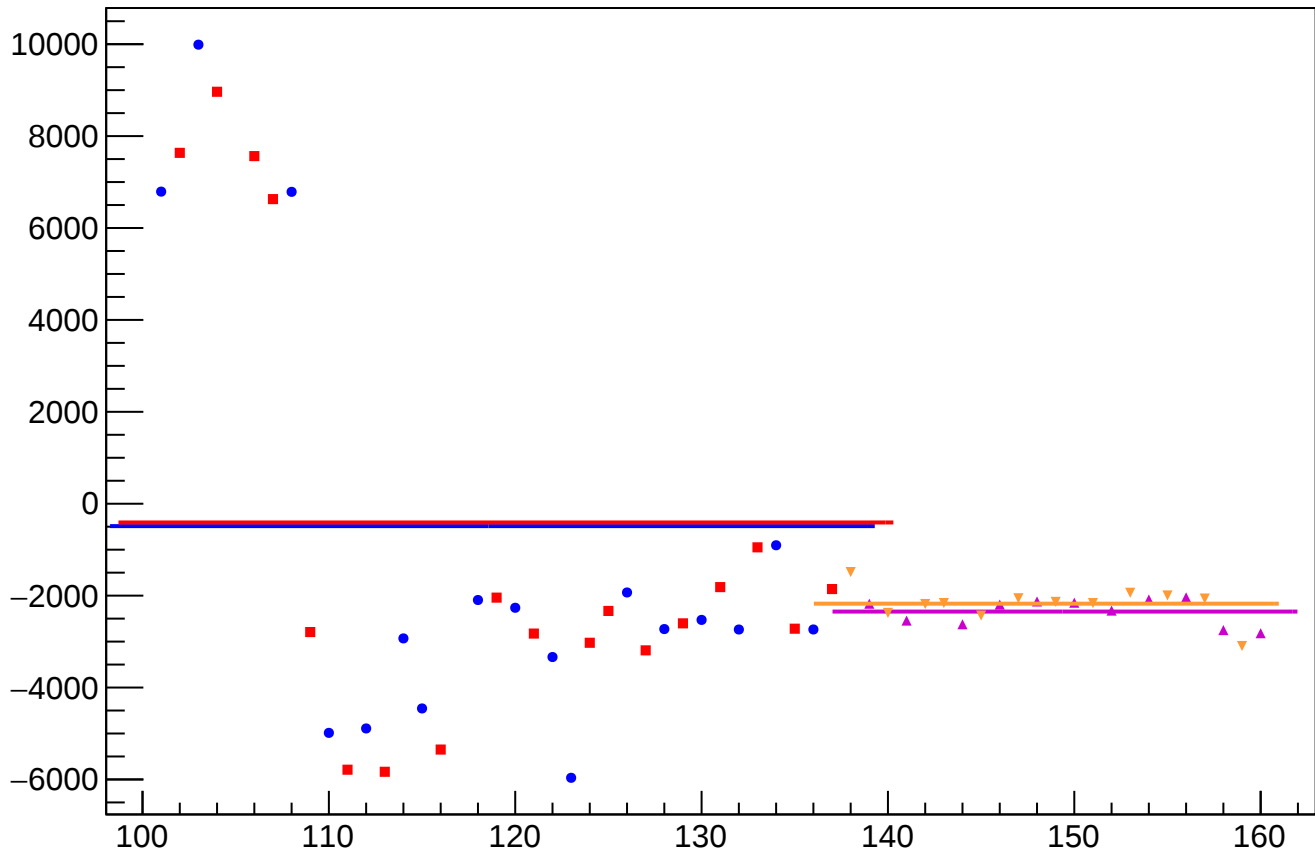
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

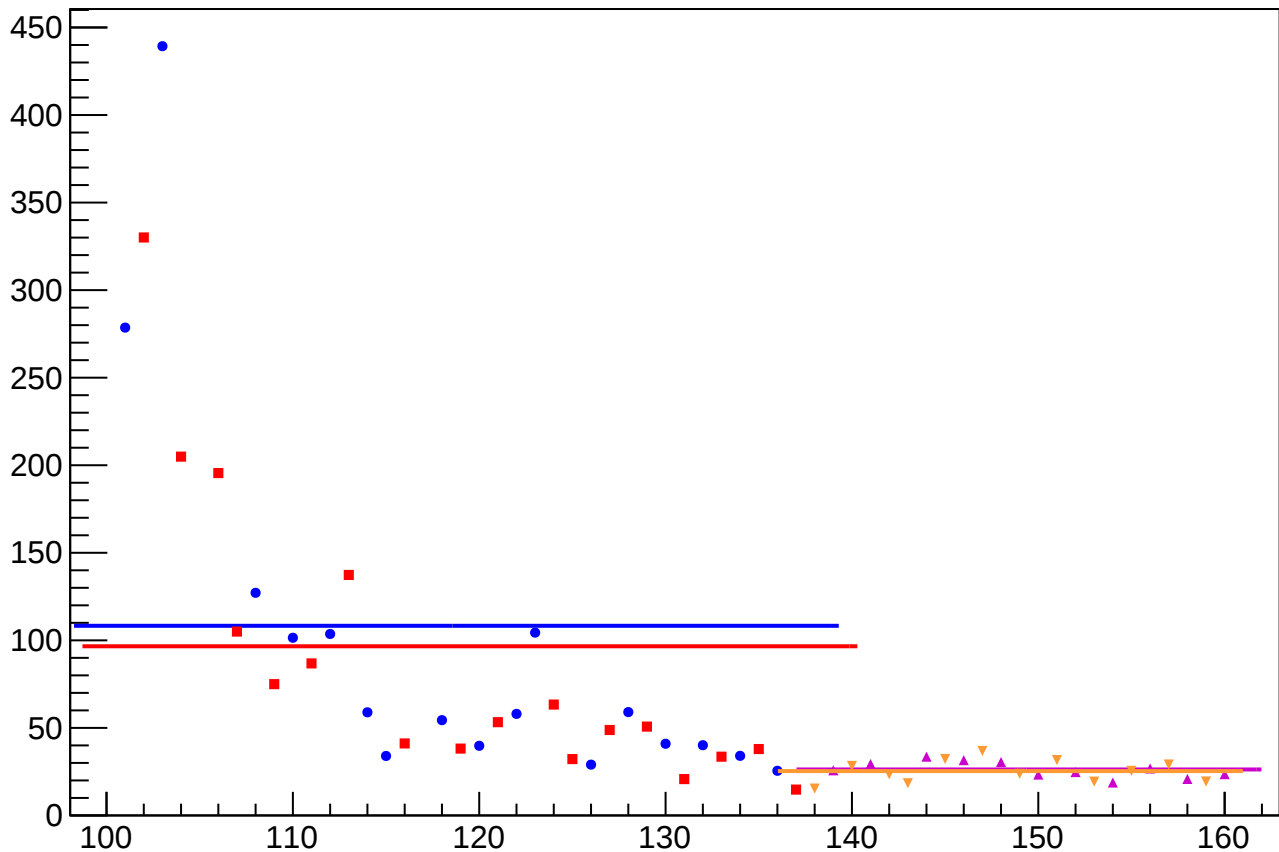
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam1_coil6_mean vs Slug



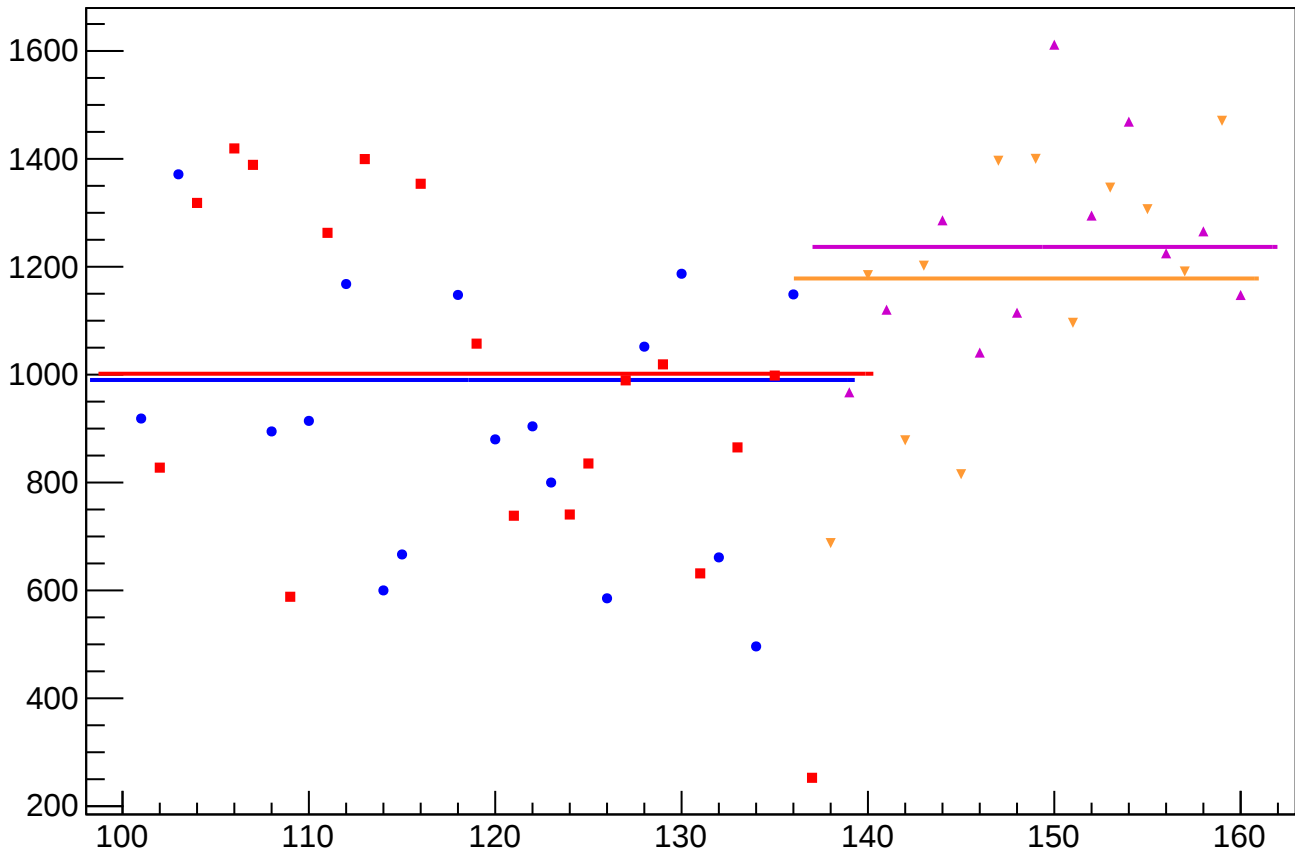
Right In: -487.313+/-0.000	χ^2/NDF : 15477070218746492867636387900929916010496.0/16	+ sign -1444.196+/-0.000	χ^2/NDF : 1672041747047
Left Out: -2174.754+/-0.000	χ^2/NDF : 122757210138541314425031010279093174272.0/11	All: -1475.296+/-0.000	χ^2/NDF : 3535915794
Right Out: -407.637+/-0.000	χ^2/NDF : 17046160329483633481850056075702270164992.0/17	- sign -1505.547+/-0.000	χ^2/NDF : 18635681927854
Left In: -2346.925+/-0.000	χ^2/NDF : 67169063271967630363069010620899655680.0/10		

dit_sam1_coil6_err_mean vs Slug



Right In: 108.310+/-0.000	χ^2/NDF : 10240592139421231918957200369451532288.0/16	+ sign 61.262+/-0.000	χ^2/NDF : 1298566526759014
Left Out: 25.343+/-0.000	χ^2/NDF : 36110419999442203641332872035434496.0/11	All: 58.994+/-0.000	χ^2/NDF : 2054925932624
Right Out: 96.612+/-0.000	χ^2/NDF : 5525873832888071130304914389362278400.0/17	- sign 56.787+/-0.000	χ^2/NDF : 7547317684336716
Left In: 26.267+/-0.000	χ^2/NDF : 18381454665021153689982878819024896.0/10		

dit_sam1_coil6_Ndata_mean vs Slug



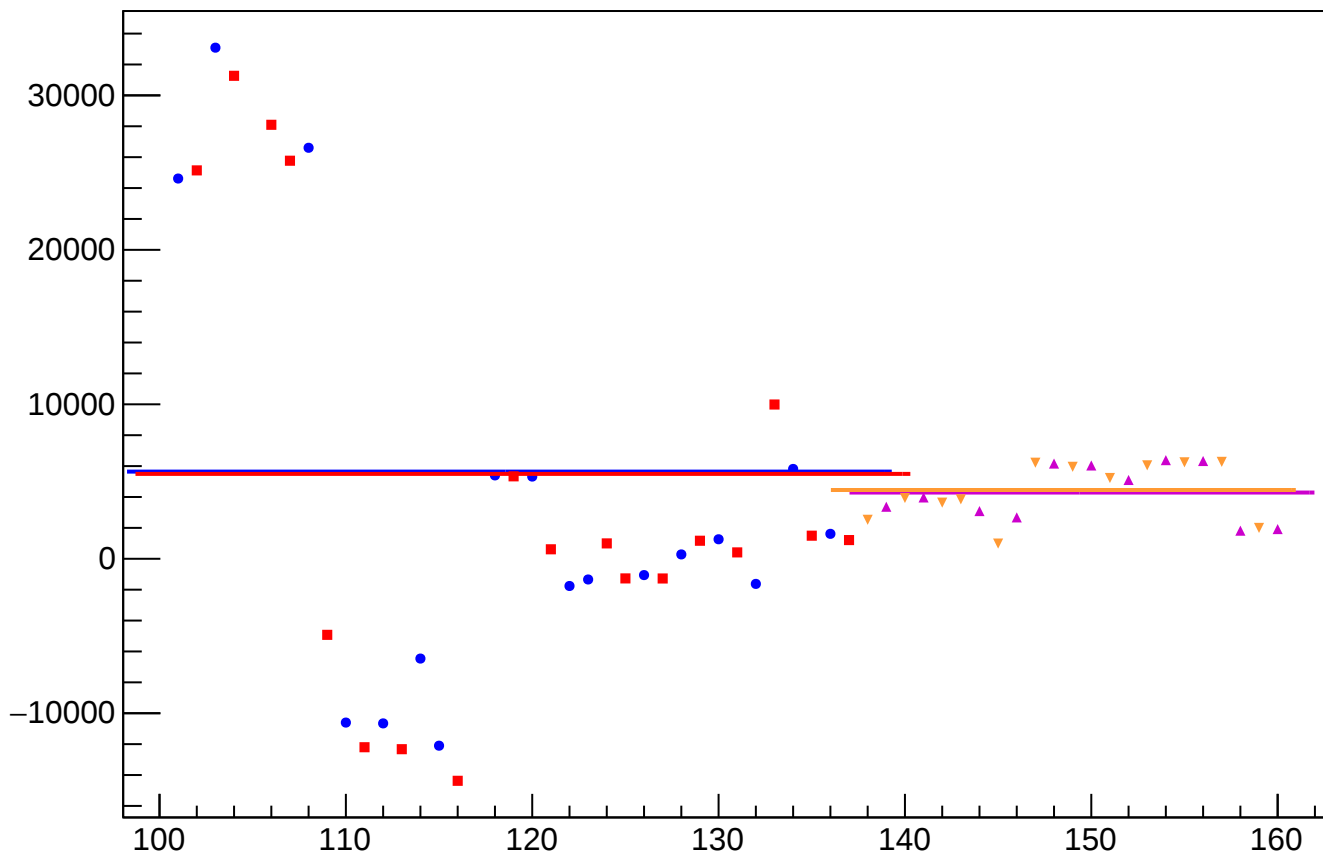
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

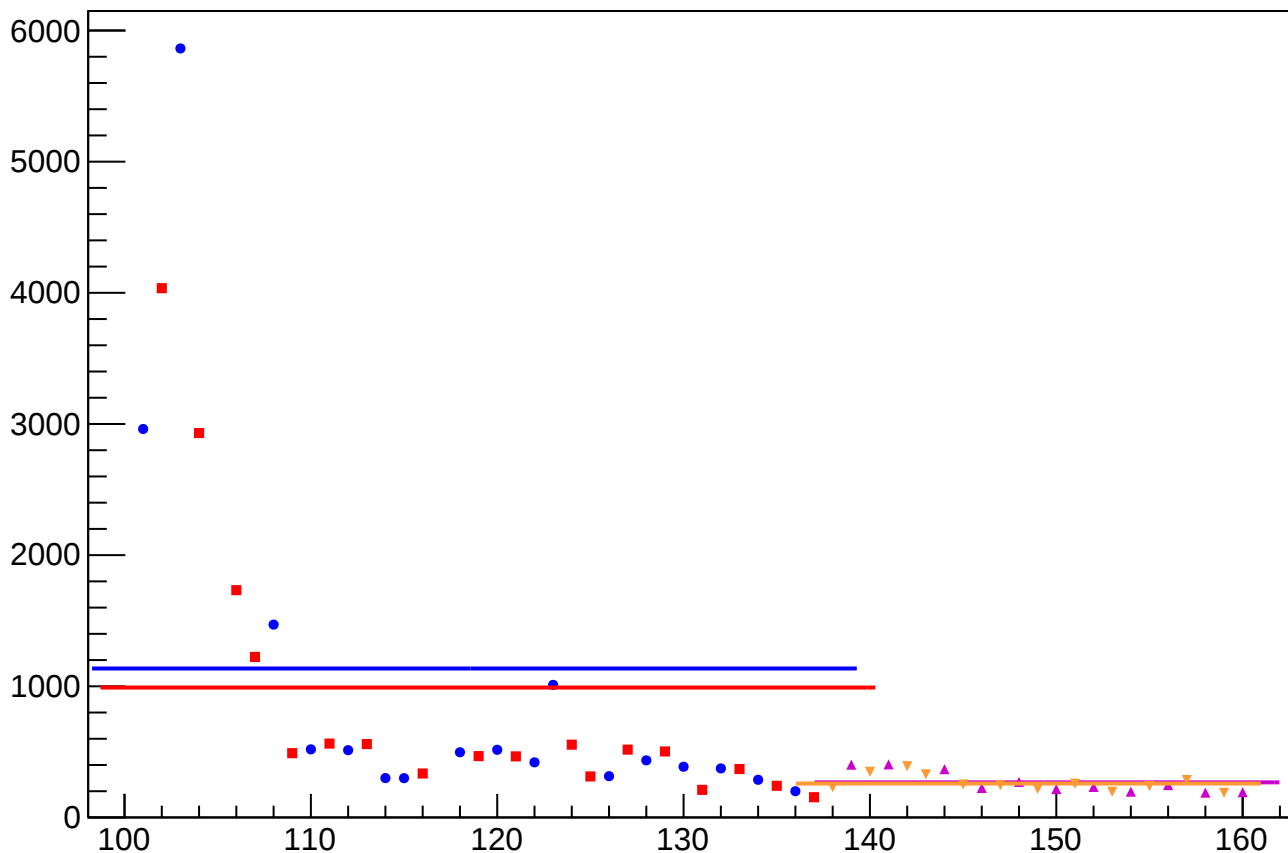
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam2_coil6_mean vs Slug



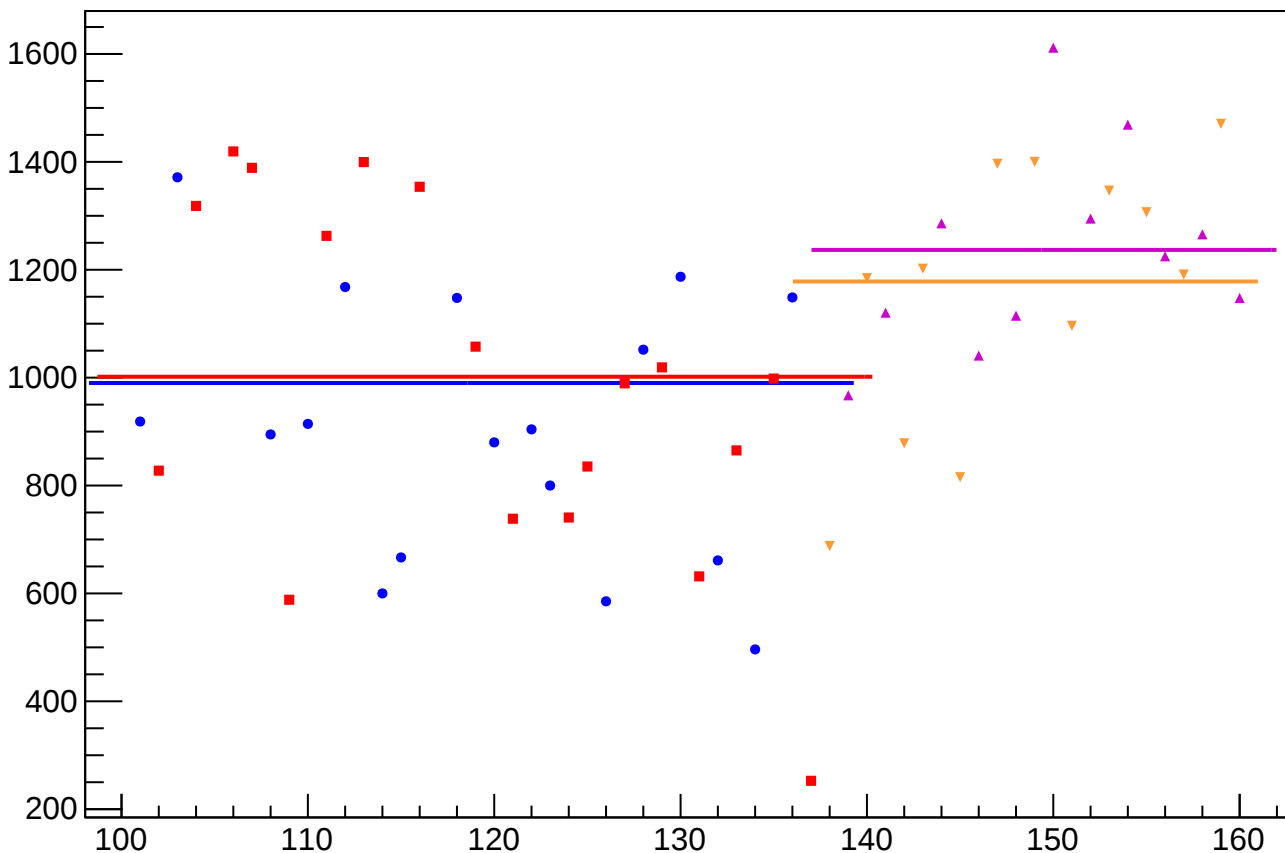
Right In: 5643.213+/-0.000 χ^2/NDF : 120843746110128548402153277612724047577088.0/16
 Left Out: 4452.458+/-0.000 χ^2/NDF : 2985929789295198919987260133715107381248.0/11
 Right Out: 5495.452+/-0.000 χ^2/NDF : 139584988563962510194230278268369577705472.0/17
 Left In: 4288.058+/-0.000 χ^2/NDF : 2735636712385094187455165788777797910528.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1135.811 $\pm$ 0.000 χ^2/NDF : 1824005819812756990146951558918737756160.0/16
 Left Out: 258.670 $\pm$ 0.000 χ^2/NDF : 2829286833241859007622586413730496512.0/11
 Right Out: 990.520 $\pm$ 0.000 χ^2/NDF : 932180516409120093653543317868461948928.0/17
 Left In: 267.701 $\pm$ 0.000 χ^2/NDF : 5915399599612443264375094627914481664.0/10

dit_sam2_coil6_Ndata_mean vs Slug



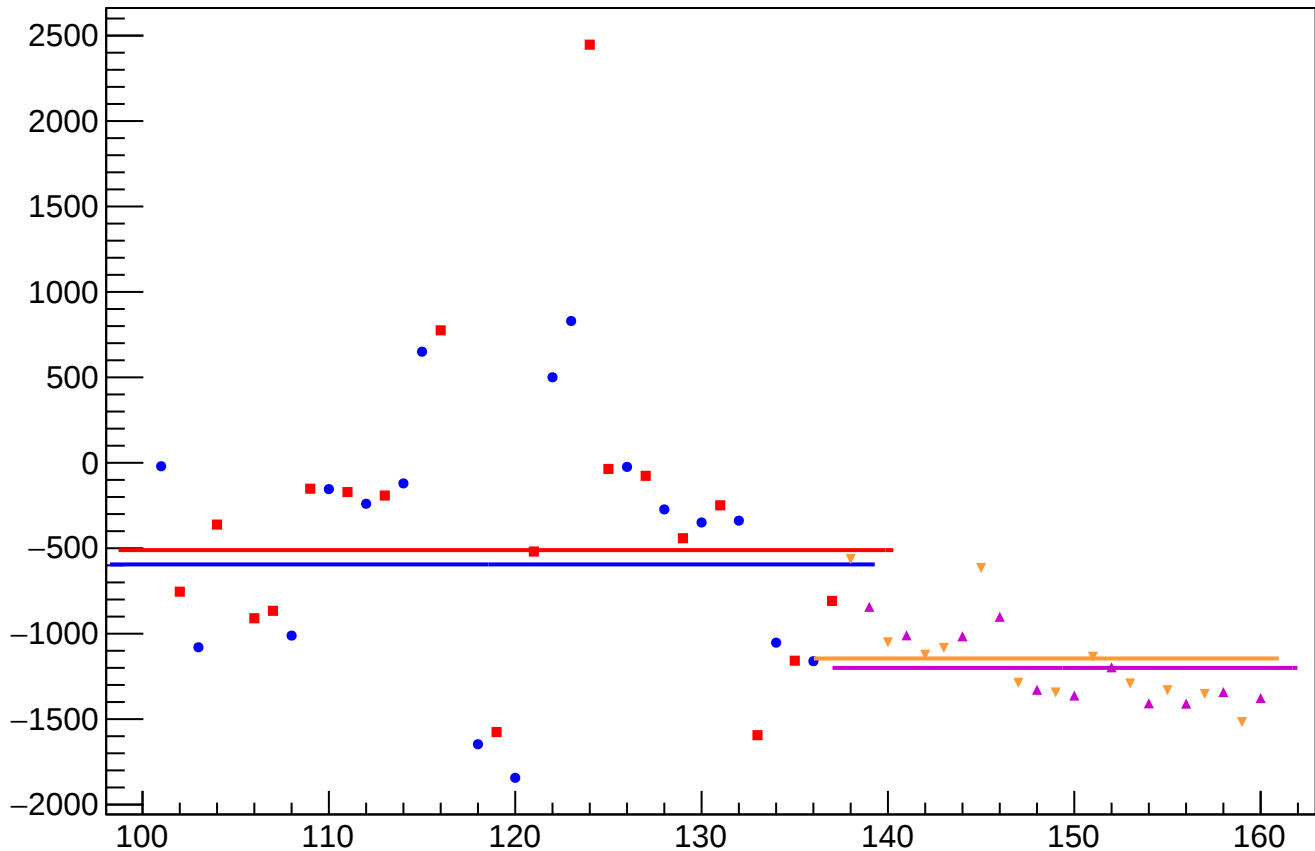
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

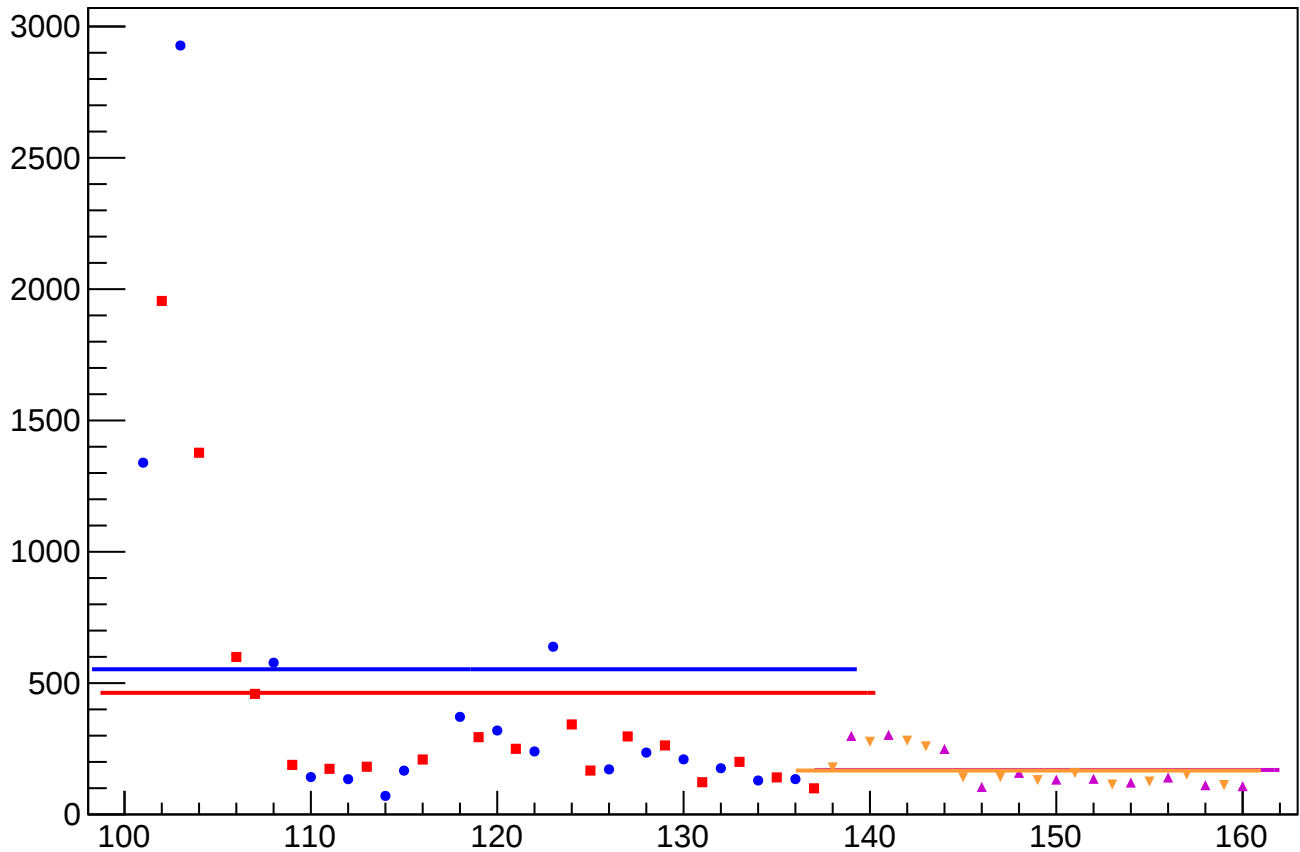
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam3_coil6_mean vs Slug



Right In: -594.642 ± 0.000 χ^2/NDF : 301185427986157798818990027839559958528.0/16
 Left Out: -1145.023 ± 0.000 χ^2/NDF : 73058158331350430415583816889325846528.0/11
 Right Out: -510.991 ± 0.000 χ^2/NDF : 345692362052681149269006983787007967232.0/17
 Left In: -1200.159 ± 0.000 χ^2/NDF : 39206754972923098015710381582583857152.0/10

dit_sam3_coil6_err_mean vs Slug



Right In: 552.756+/-0.000 χ^2/NDF : 438588904166490483585471990950715719680.0/16

Left Out: 167.275+/-0.000 χ^2/NDF : 3021189019464897046042040078702739456.0/11

Right Out: 463.044+/-0.000 χ^2/NDF : 209305475229629435748794855521804877824.0/17

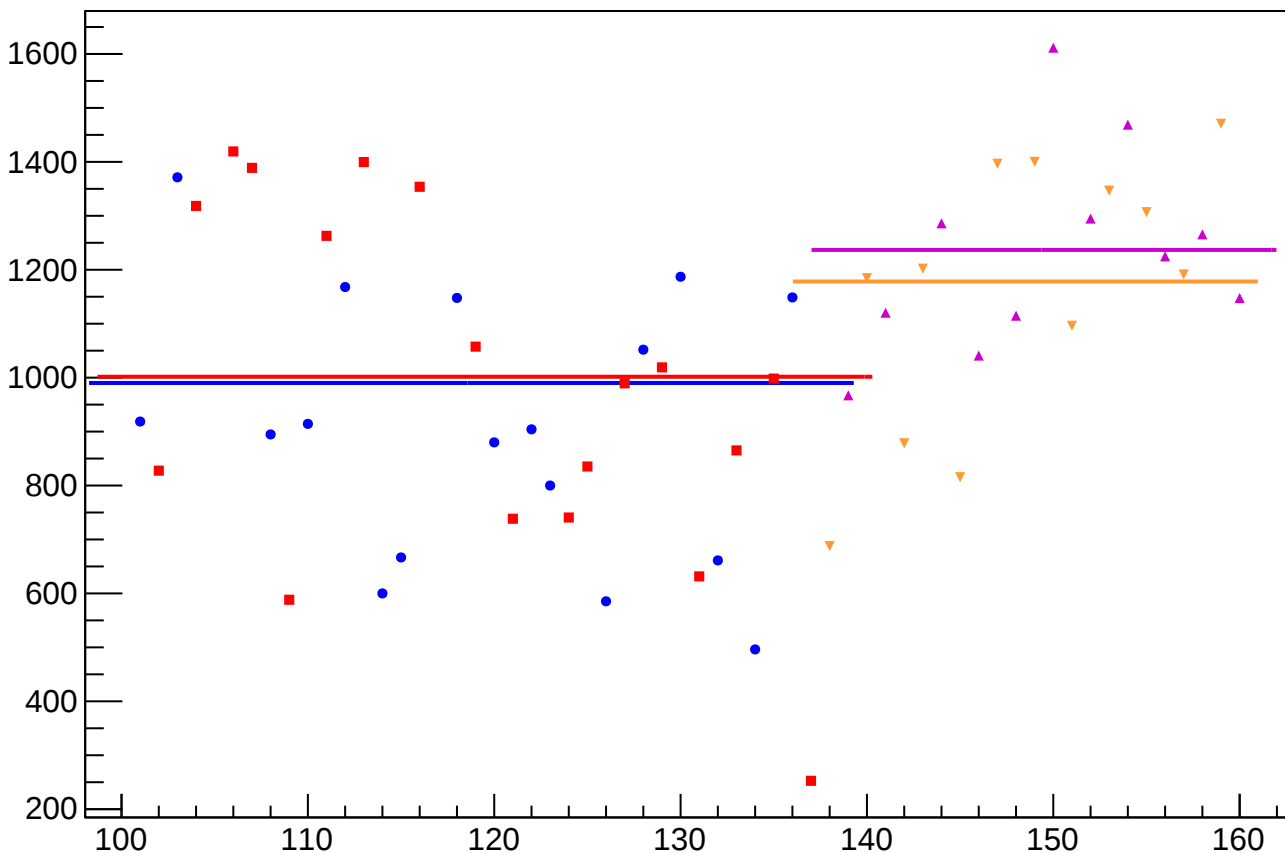
Left In: 169.476+/-0.000 χ^2/NDF : 4886350669326169514376198750149279744.0/10

All: 315.246+/-0.000 χ^2/NDF : 750297977353

+ sign 334.164+/-0.000 χ^2/NDF : 500088527785201

- sign 296.843+/-0.000 χ^2/NDF : 249077639049924

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

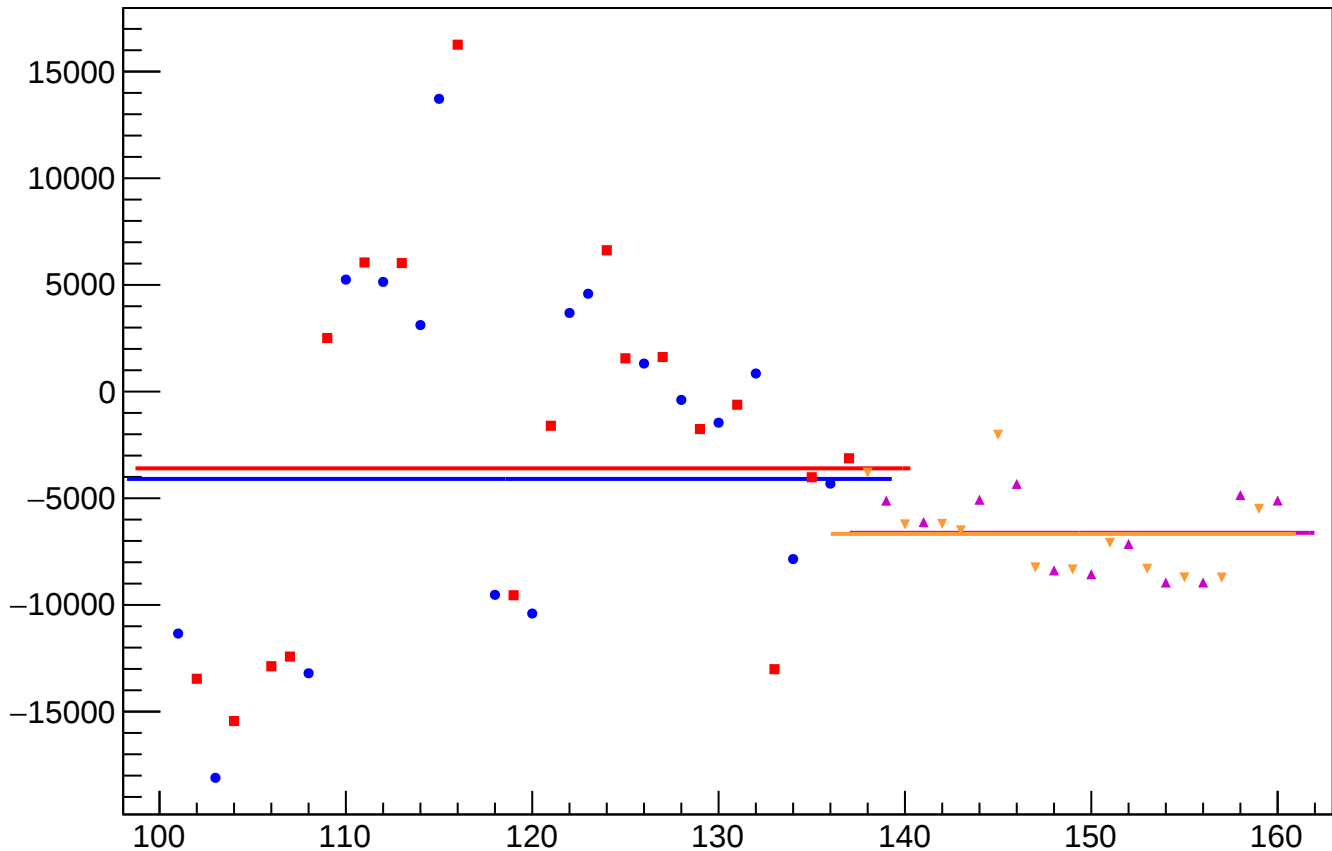
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

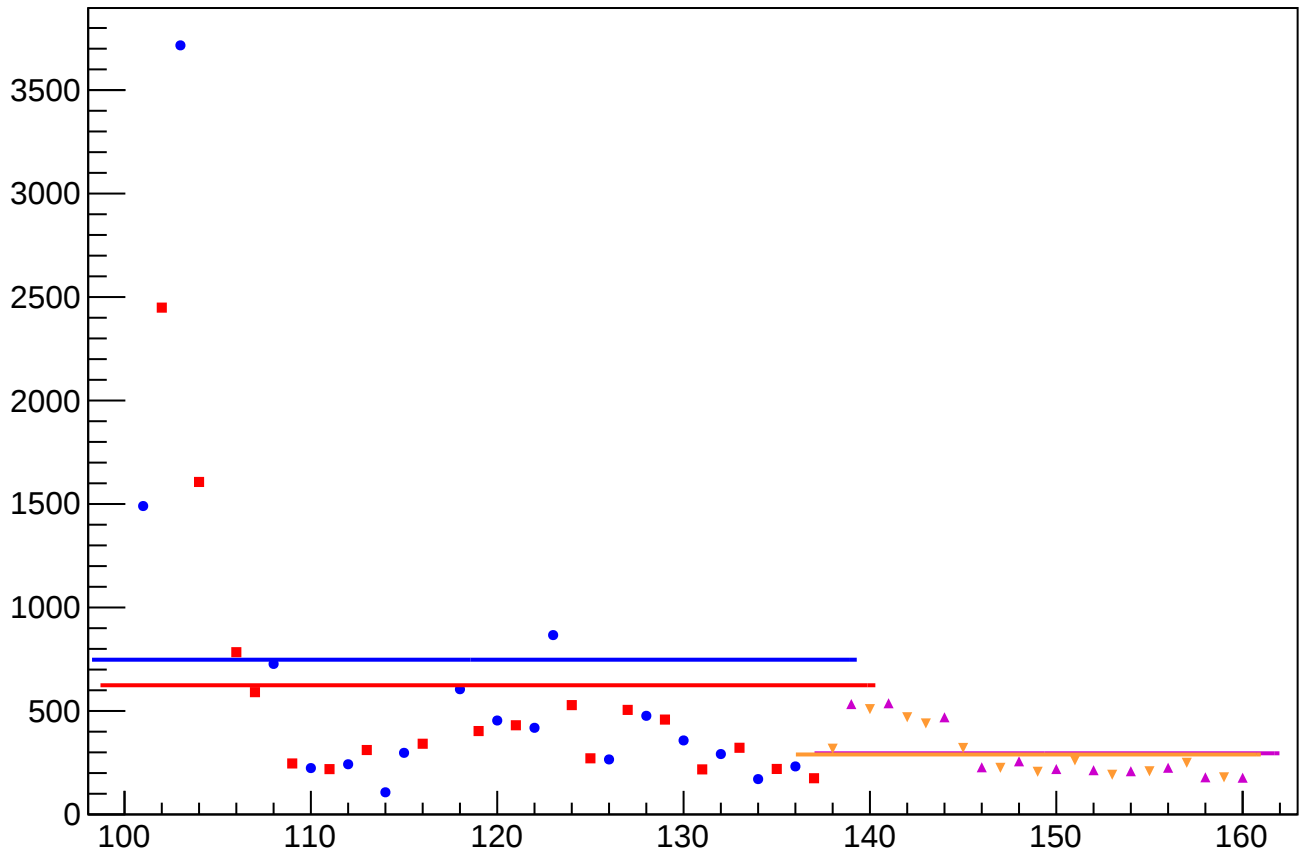
- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

dit_sam4_coil6_mean vs Slug



Right In: -4093.788 ± 0.000 $\chi^2/\text{NDF}: 38878868284472308051396307871868318121984.0/16$
 Left Out: -6670.950 ± 0.000 $\chi^2/\text{NDF}: 3774906693530884073018019224850138136576.0/11$
 Right Out: -3597.313 ± 0.000 $\chi^2/\text{NDF}: 48617231317968827835072936626093341802496.0/17$
 Left In: -6619.709 ± 0.000 $\chi^2/\text{NDF}: 2843164619719300530559319168458248159232.0/10$

dit_sam4_coil6_err_mean vs Slug



Right In: 747.700+/-0.000 χ^2/NDF : 650932937994369219214435777270989717504.0/16

+ sign 488.049+/-0.000 χ^2/NDF : 743925054327055

Left Out: 289.811+/-0.000 χ^2/NDF : 10481549601194900606923730784744374272.0/11

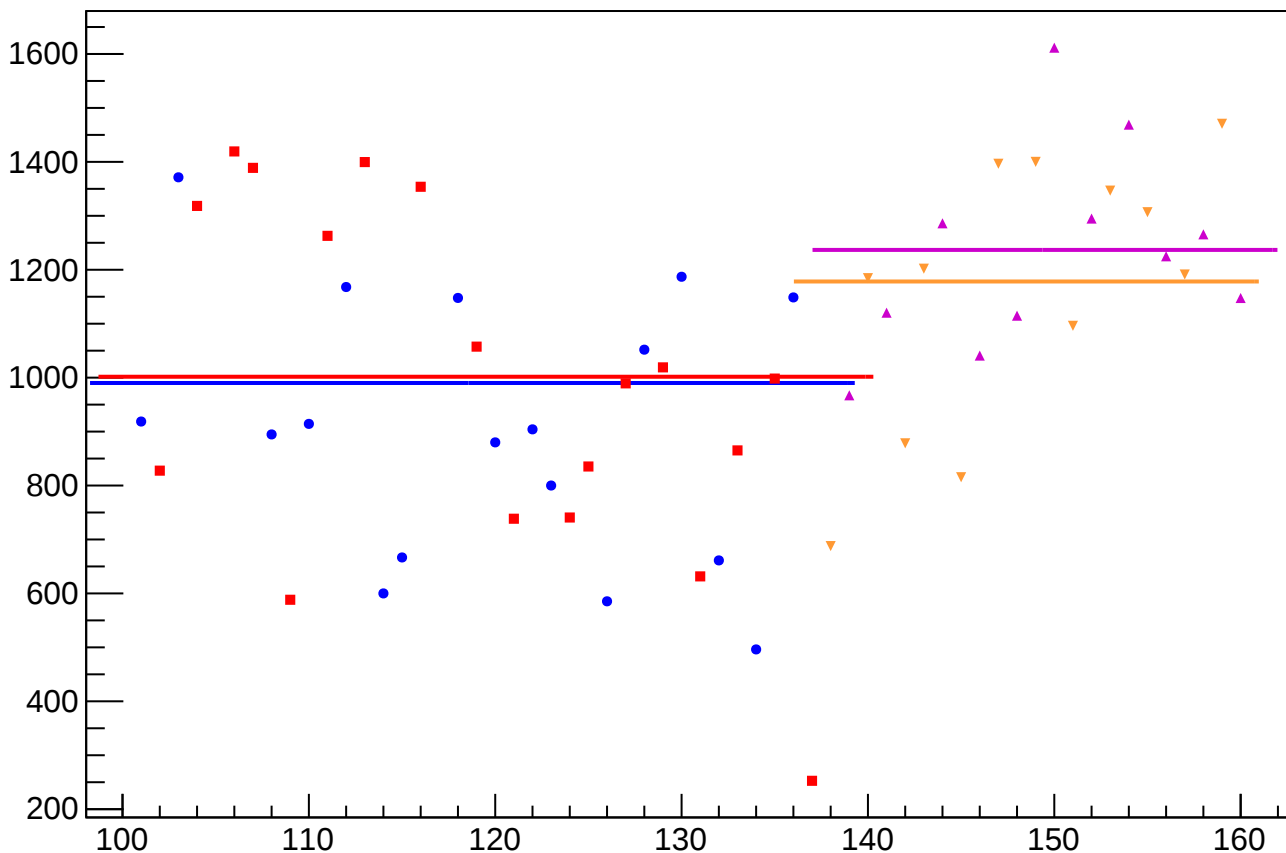
All: 462.736+/-0.000 χ^2/NDF : 110309762248

Right Out: 624.223+/-0.000 χ^2/NDF : 296243096292052743688943276873819881472.0/17

- sign 438.116+/-0.000 χ^2/NDF : 357146521032706

Left In: 295.493+/-0.000 χ^2/NDF : 17160133140926555155362591865869172736.0/10

dit_sam4_coil6_Ndata_mean vs Slug



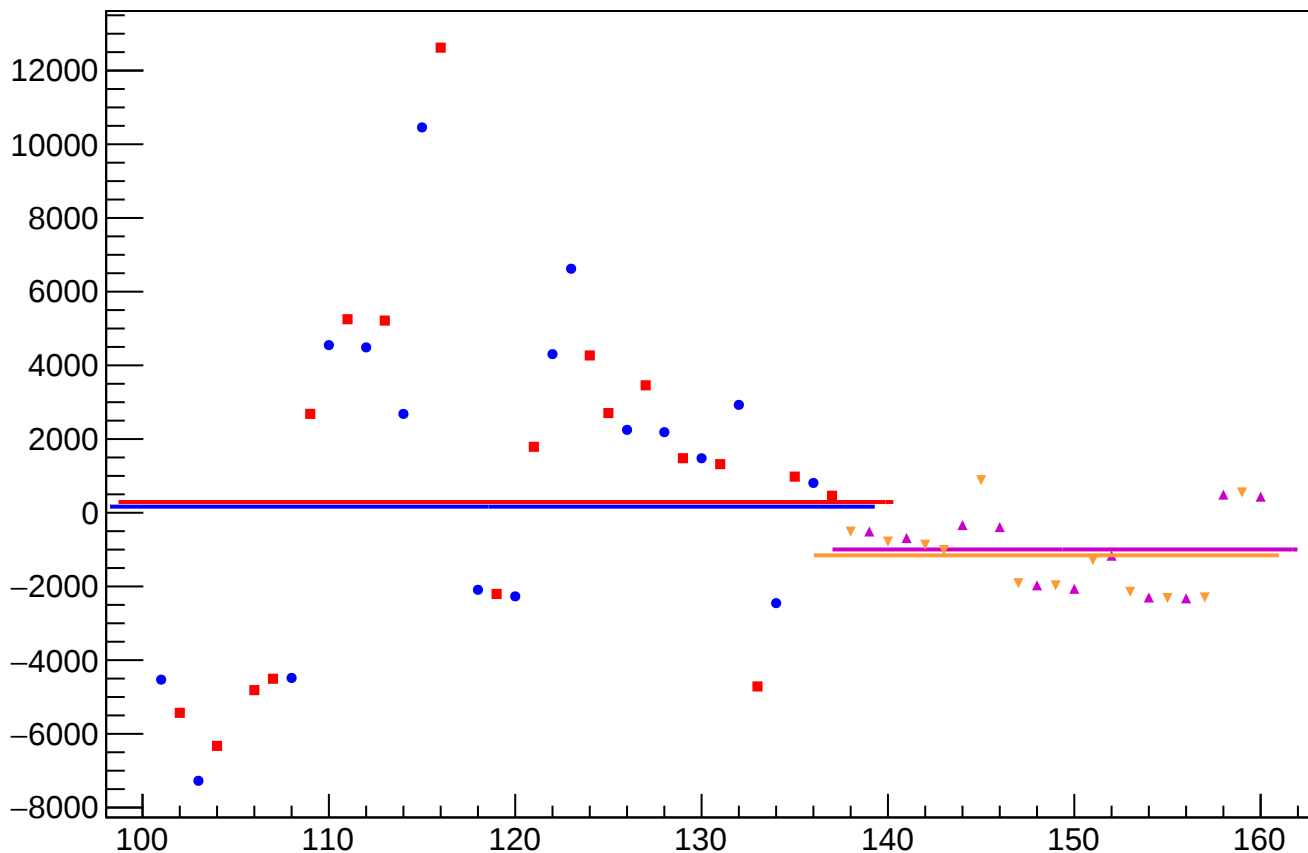
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

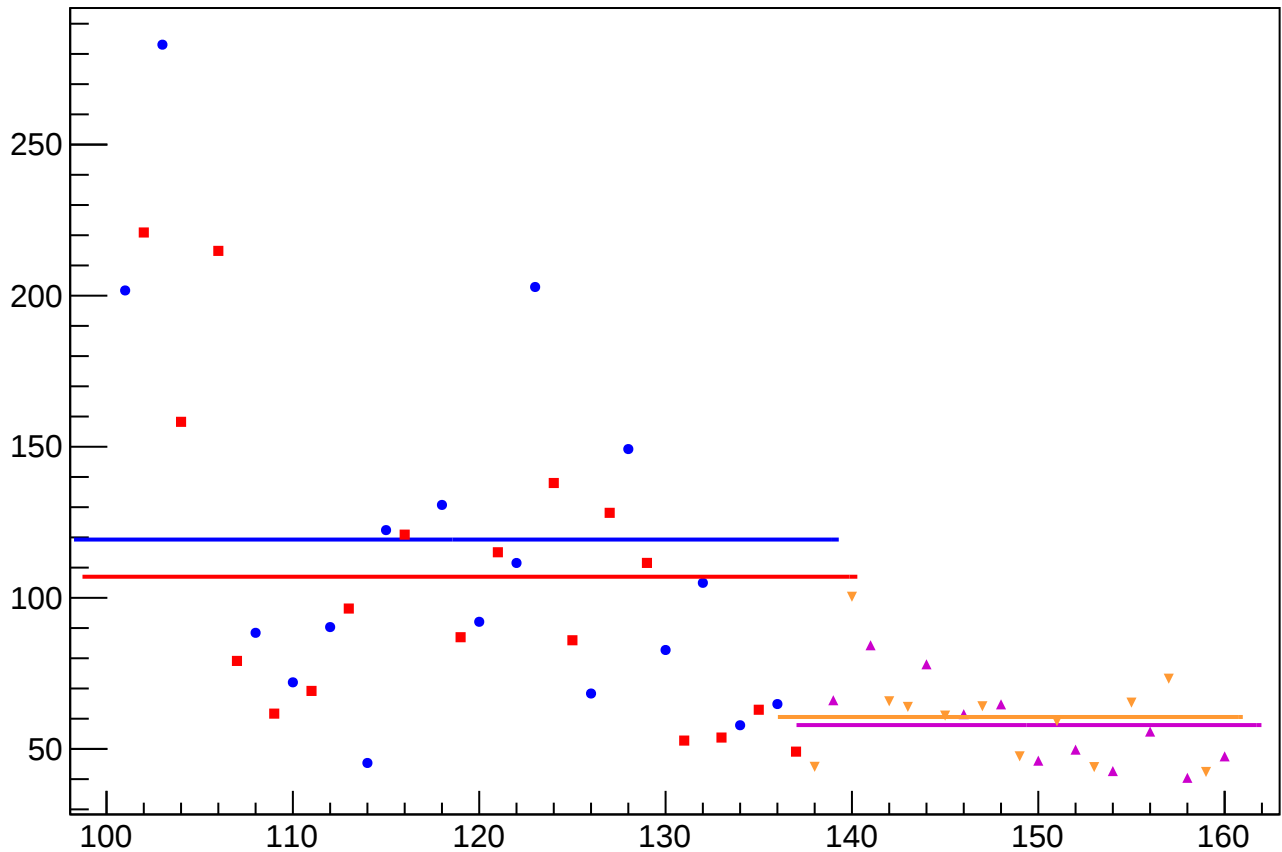
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam5_coil6_mean vs Slug



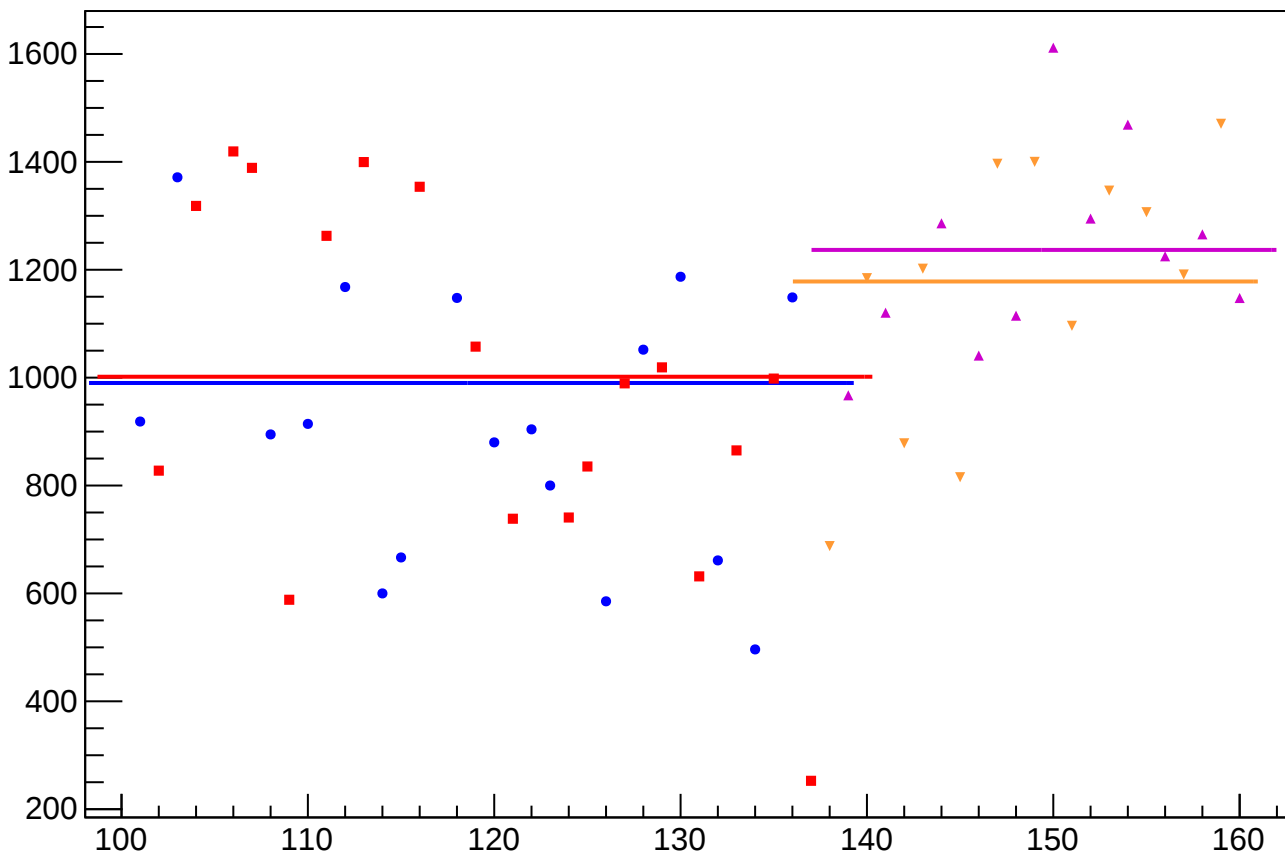
Right In: 165.547+/-0.000 χ^2/NDF : 10658450336306933403777351351390508679168.0/16
 Left Out: -1155.357+/-0.000 χ^2/NDF : 995504747952866911387640526565778915328.0/11
 Right Out: 291.015+/-0.000 χ^2/NDF : 14672571981967891714112032575724497928192.0/17
 Left In: -996.521+/-0.000 χ^2/NDF : 924719212965830410136097105357987381248.0/10

dit_sam5_coil6_err_mean vs Slug



Right In: 119.288+/-0.000 χ^2/NDF : 2842654207411905514935251828991852544.0/16
 Left Out: 60.571+/-0.000 χ^2/NDF : 23198208438530446830781999200442776.0/11
 Right Out: 106.986+/-0.000 χ^2/NDF : 1915046958698396013008025410372370432.0/17
 Left In: 57.892+/-0.000 χ^2/NDF : 178748203070353408993612338219188224.0/10

dit_sam5_coil6_Ndata_mean vs Slug



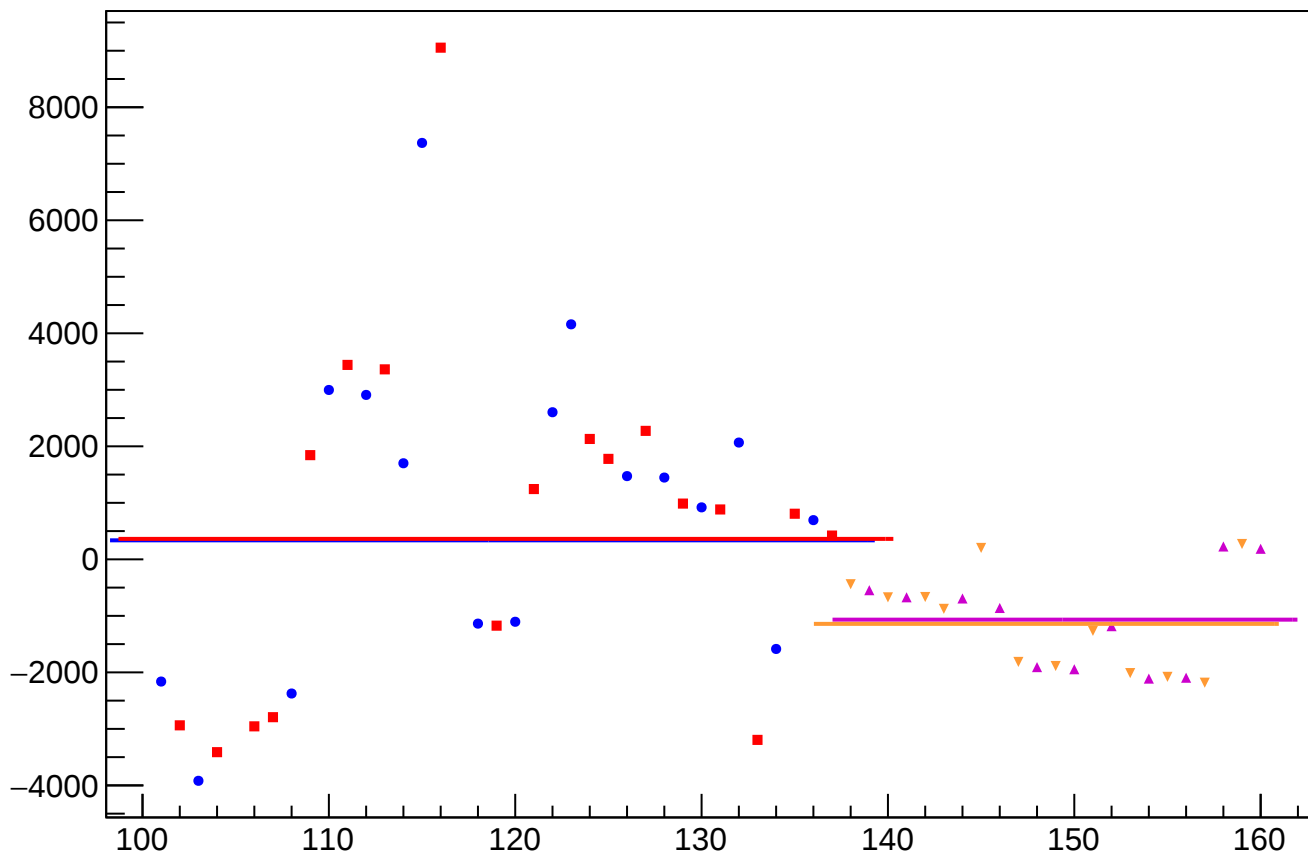
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam6_coil6_mean vs Slug



Right In: 336.537+/-0.000 χ^2/NDF : 3711385432707324073014239747985928880128.0/16

Left Out: -1141.700+/-0.000 χ^2/NDF : 670526328034965940264034289134346436608.0/11

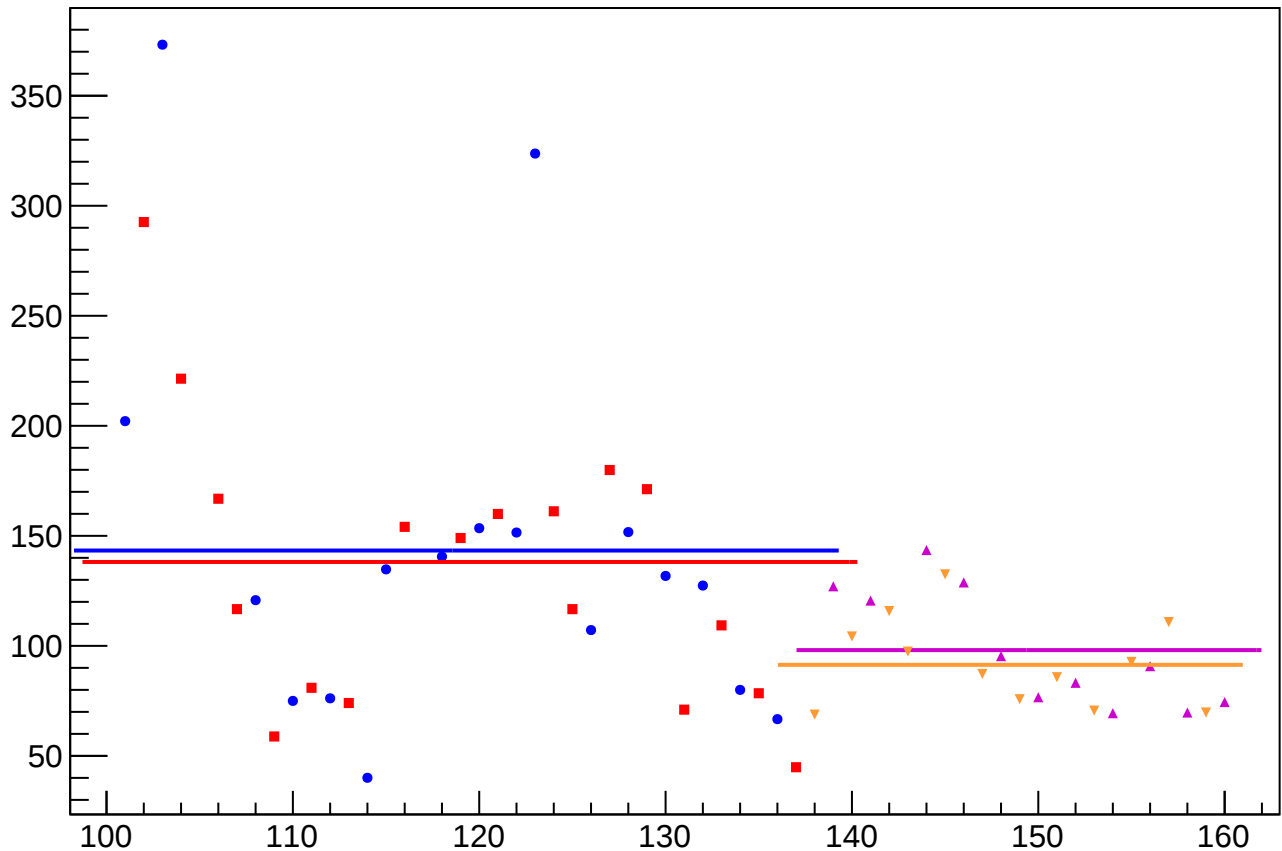
Right Out: 362.052+/-0.000 χ^2/NDF : 5966784958004941474881704867040847724544.0/17

Left In: -1067.159+/-0.000 χ^2/NDF : 629450133544261438998185081673399402496.0/10

All: -474.020+/-0.000 χ^2/NDF : 12667375647

- sign -447.082+/-0.000 χ^2/NDF : 742307843643775

dit_sam6_coil6_err_mean vs Slug



Right In: 143.327+/-0.000 χ^2/NDF : 4671526487507242419296658853814337536.0/16

Left Out: 91.381+/-0.000 χ^2/NDF : 342224682721014507534258785086341120.0/11

Right Out: 138.133+/-0.000 χ^2/NDF : 3152322250150098804756661412355375104.0/17

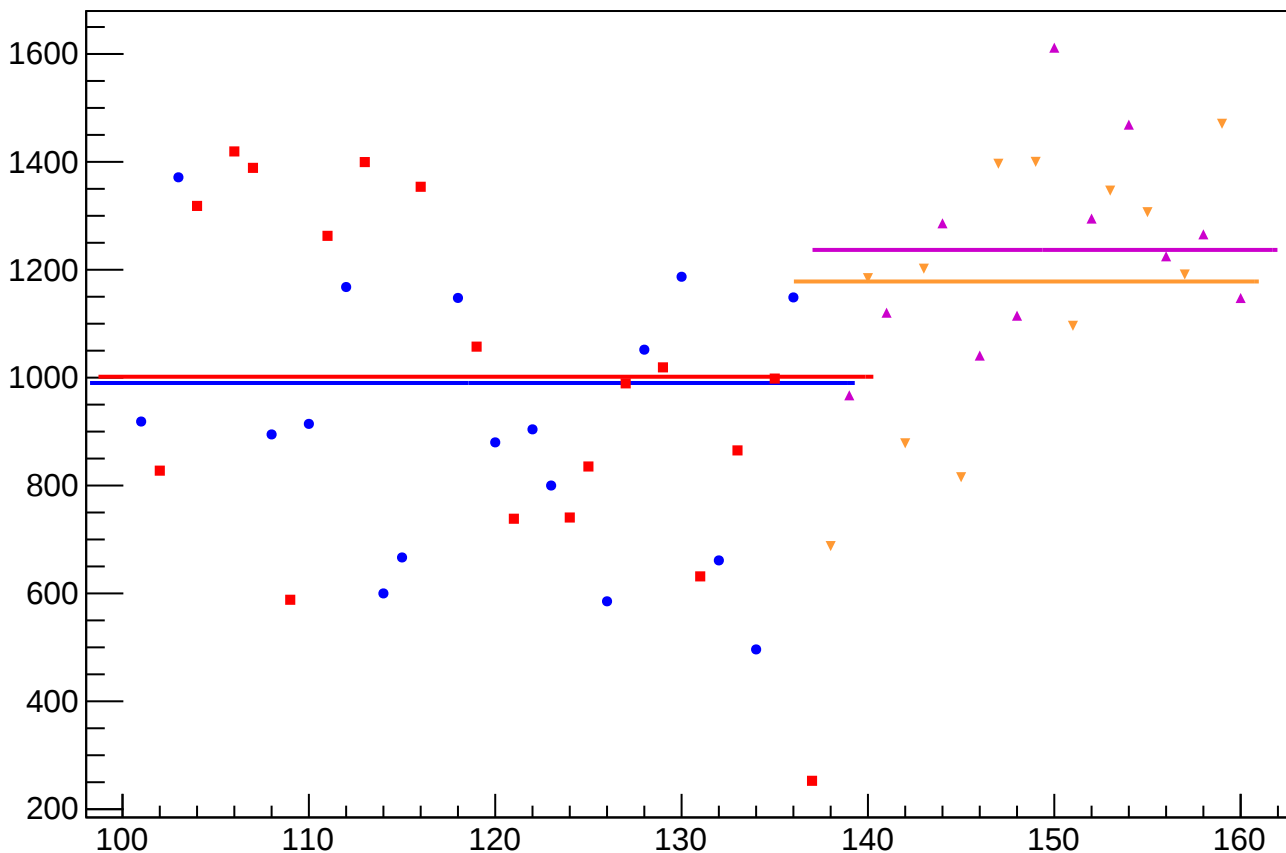
Left In: 98.068+/-0.000 χ^2/NDF : 624217570941141558165697948106620928.0/10

+ sign 113.871+/-0.000 χ^2/NDF : 607566845752250

All: 114.672+/-0.000 χ^2/NDF : 10503992303

- sign 115.451+/-0.000 χ^2/NDF : 442629552250207

dit_sam6_coil6_Ndata_mean vs Slug



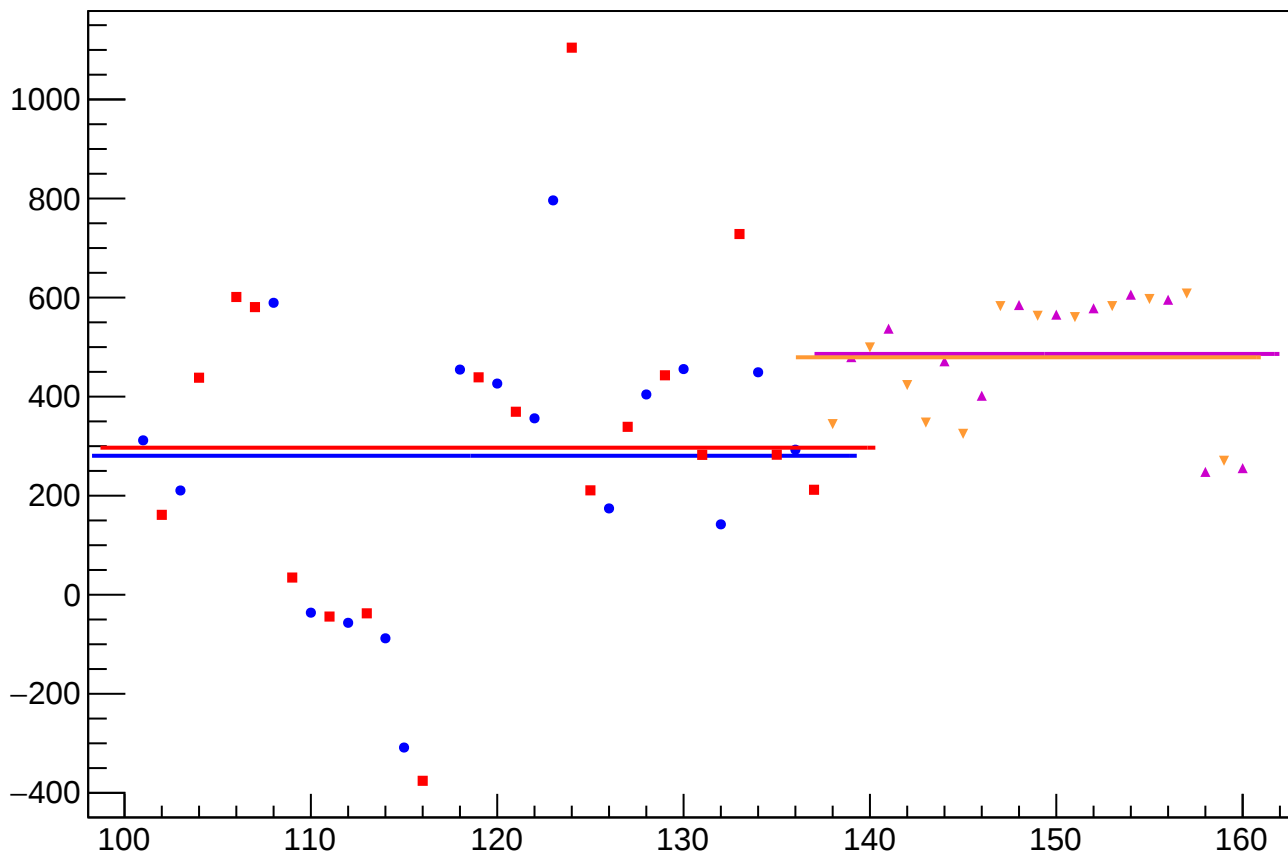
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_sam7_coil6_mean vs Slug



Right In: 280.587 ± 0.000 $\chi^2/\text{NDF}: 26873653578381248944514799501999865856.0/16$

Left Out: 479.418 ± 0.000 $\chi^2/\text{NDF}: 13285124498180385816264889724787752960.0/11$

Right Out: 296.905 ± 0.000 $\chi^2/\text{NDF}: 53152105752477344290303829793952497664.0/17$

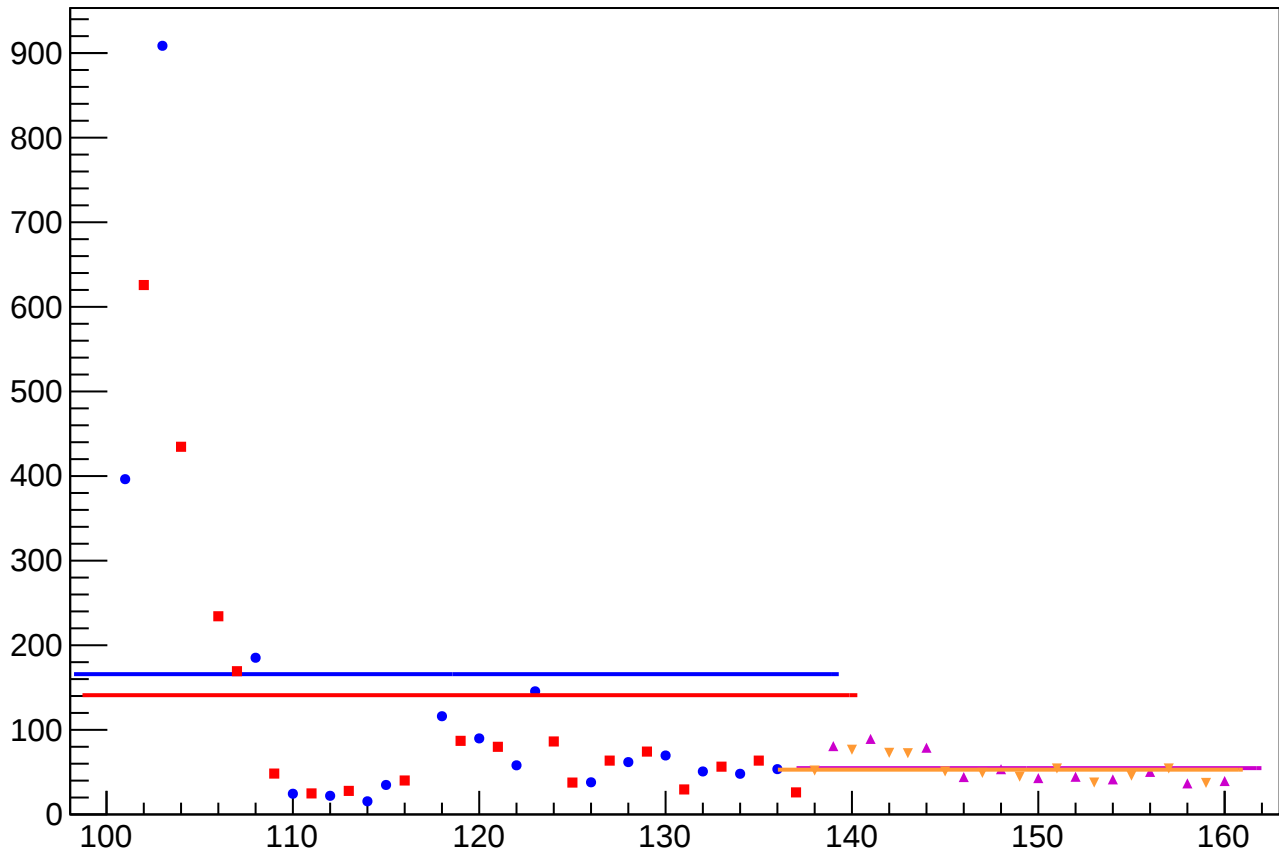
Left In: 486.206 ± 0.000 $\chi^2/\text{NDF}: 14204620343976110093613729776425500672.0/10$

+ sign 393.336 ± 0.000 $\chi^2/\text{NDF}: 557168834834471$

All: 398.780 ± 0.000 $\chi^2/\text{NDF}: 137672893429$

- sign 404.076 ± 0.000 $\chi^2/\text{NDF}: 818622910309436$

dit_sam7_coil6_err_mean vs Slug



Right In: 165.841 $\pm$ 0.000 χ^2 /NDF: 42388910284637758892134233675562745856.0/16

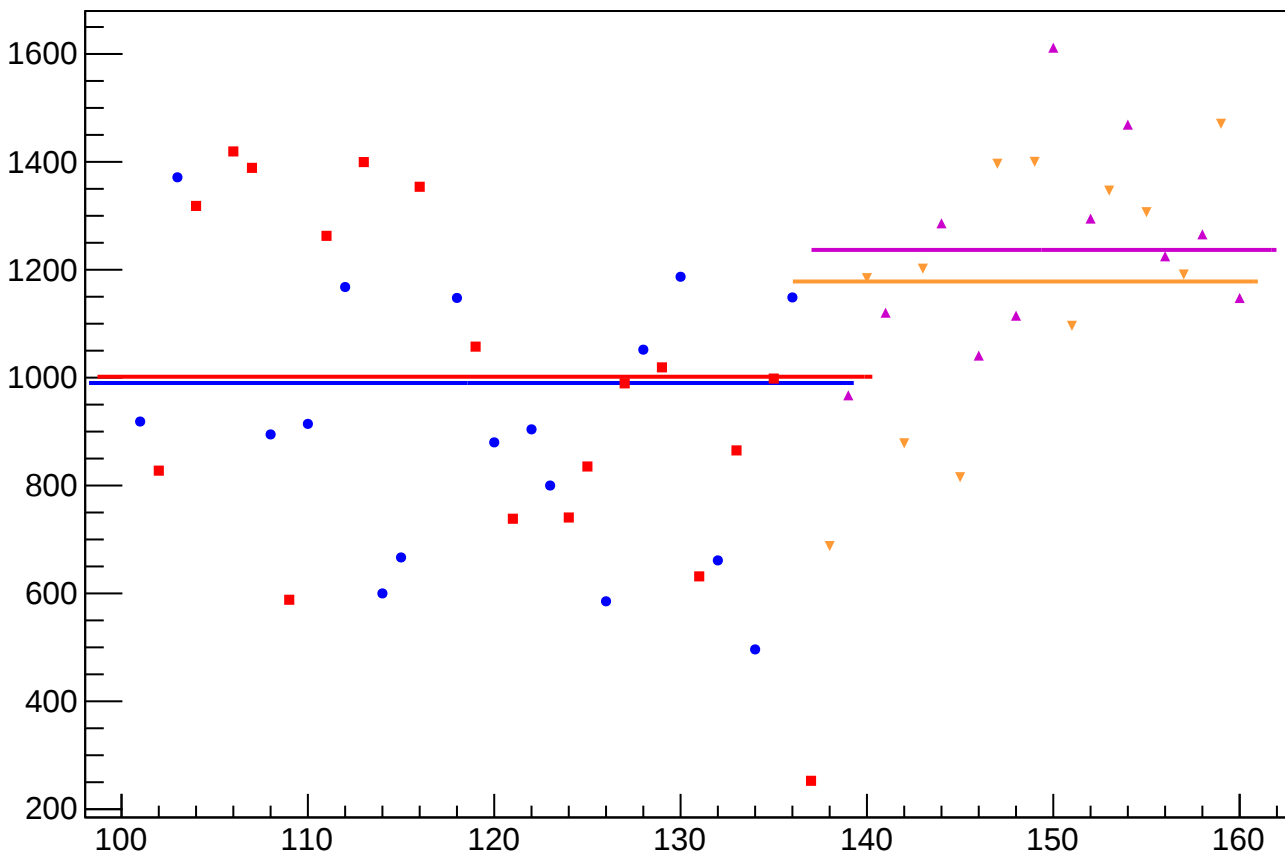
Left Out: 52.946 $\pm$ 0.000 χ^2 /NDF: 140060109724135025714892303400697856.0/11

Right Out: 140.976 $\pm$ 0.000 χ^2 /NDF: 22674964646016742017185923250652184576.0/17

Left In: 54.754 $\pm$ 0.000 χ^2 /NDF: 302128520341219592884404395924520960.0/10

All: 96.926 $\pm$ 0.000 χ^2 /NDF: 7360699399665

dit_sam7_coil6_Ndata_mean vs Slug



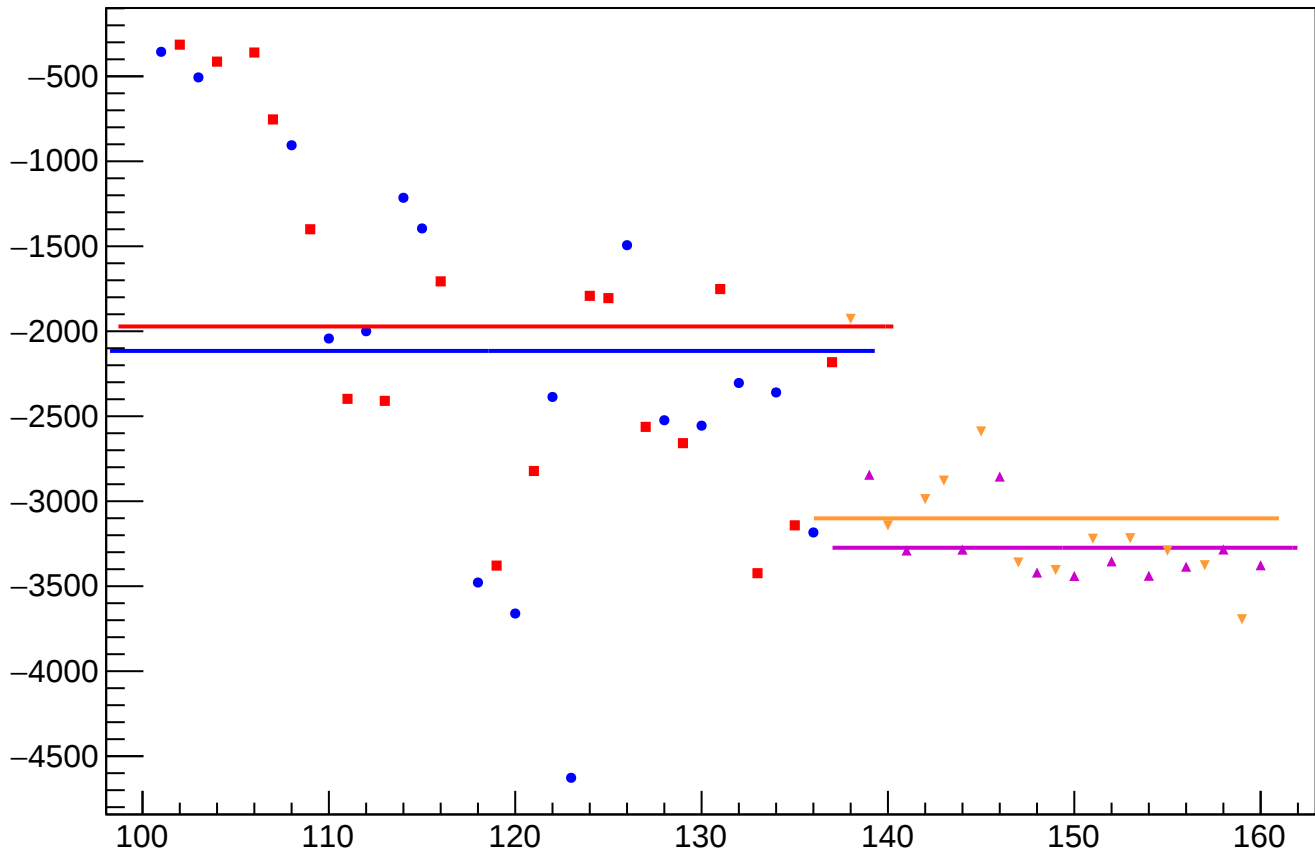
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

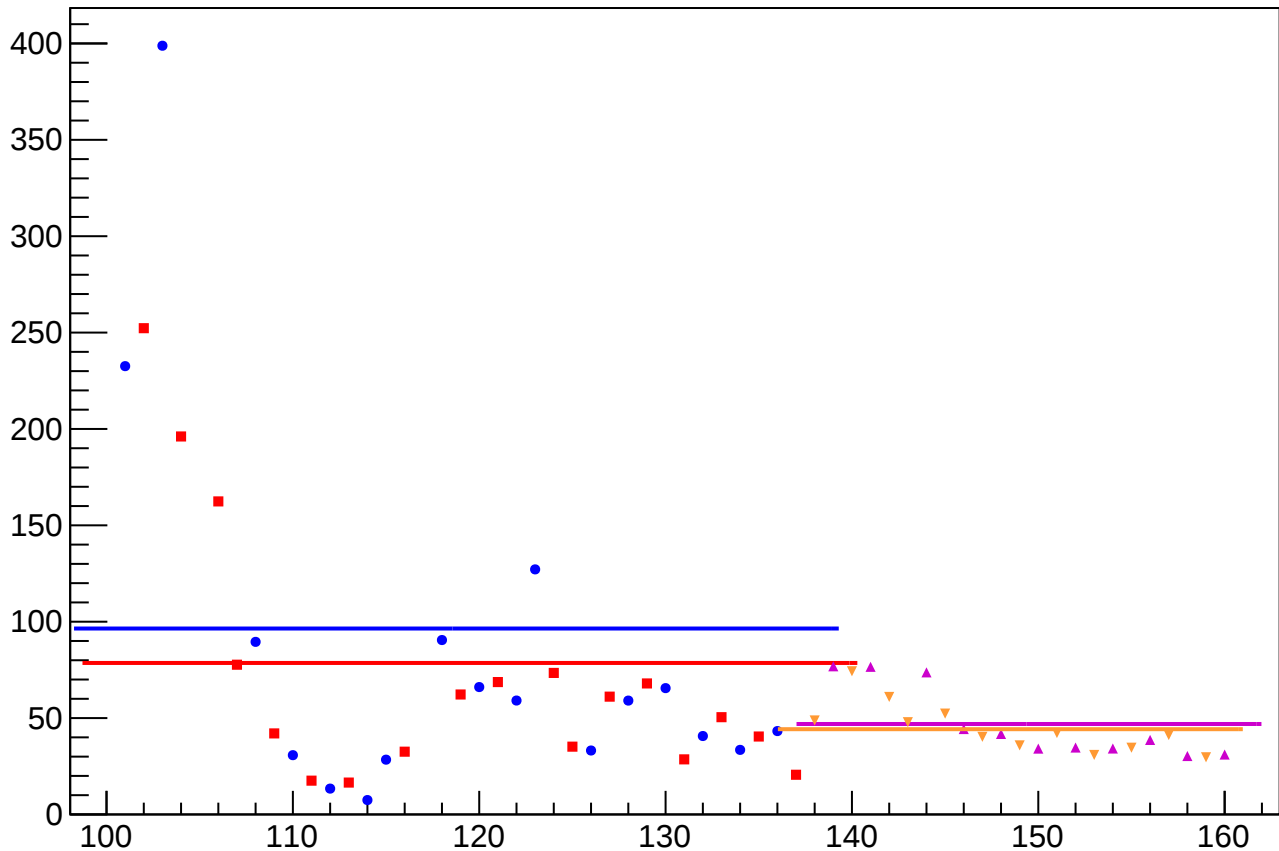
dit_sam8_coil6_mean vs Slug



Right In: -2115.686+/-0.000	χ^2/NDF : 754451931643030128758883529777223827456.0/16
Left Out: -3100.691+/-0.000	χ^2/NDF : 183916401222864919809075393490919096320.0/11
Right Out: -1971.716+/-0.000	χ^2/NDF : 778865201263461024769541360998730956800.0/17
Left In: -3273.761+/-0.000	χ^2/NDF : 38674829040753317782722595133075750912.0/10

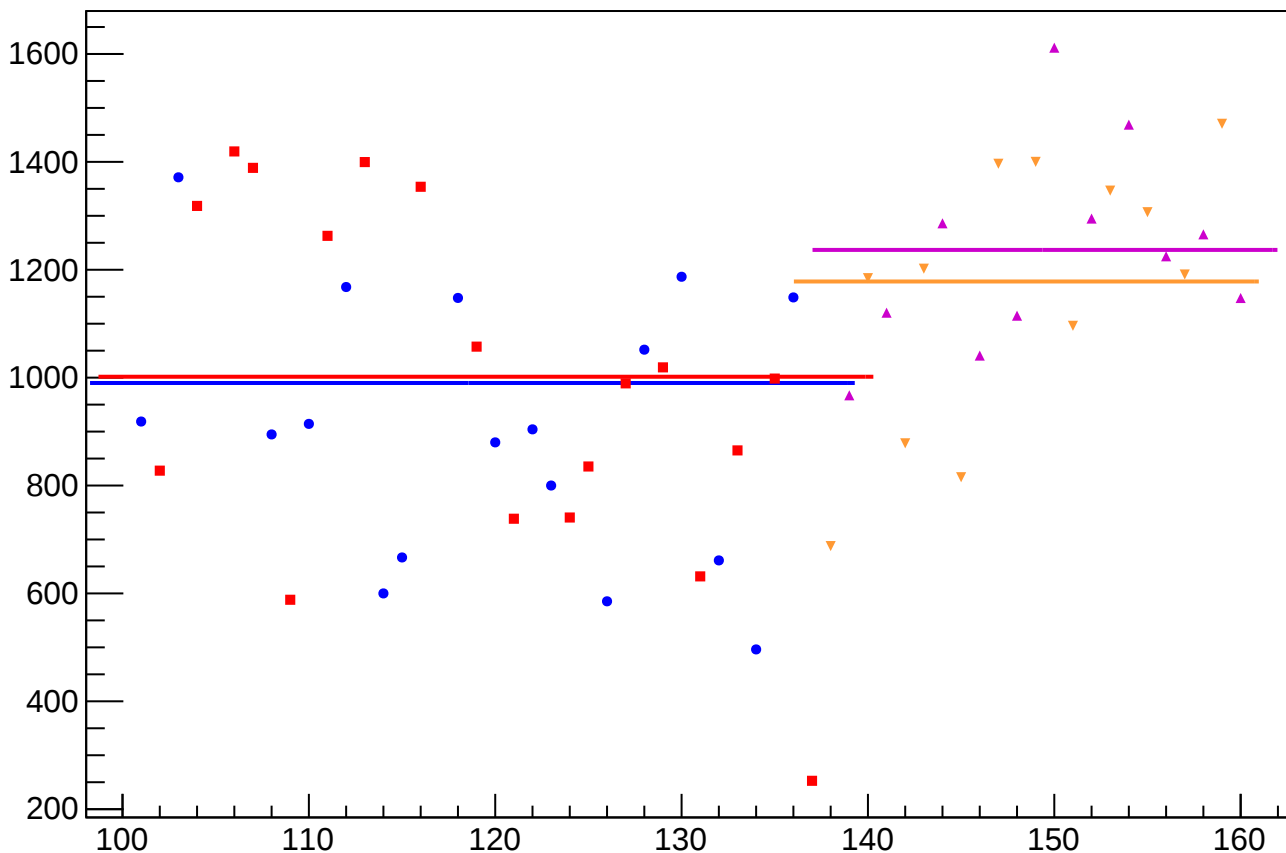
+ sign -2674.244+/-0.000 χ^2/NDF : 1320195564662
 All: -2691.790+/-0.000 χ^2/NDF : 2824958696
 - sign -2708.857+/-0.000 χ^2/NDF : 15037896389045

dit_sam8_coil6_err_mean vs Slug



Right In: 96.465 $\pm$ 0.000 χ^2 /NDF: 7977727256930133620372701565161570304.0/16
 Left Out: 44.236 $\pm$ 0.000 χ^2 /NDF: 142258955441054075250551696151019520.0/11
 Right Out: 78.600 $\pm$ 0.000 χ^2 /NDF: 3499001556563234508710770672385654784.0/17
 Left In: 46.934 $\pm$ 0.000 χ^2 /NDF: 304947612143078258069151469537329152.0/10

dit_sam8_coil6_Ndata_mean vs Slug



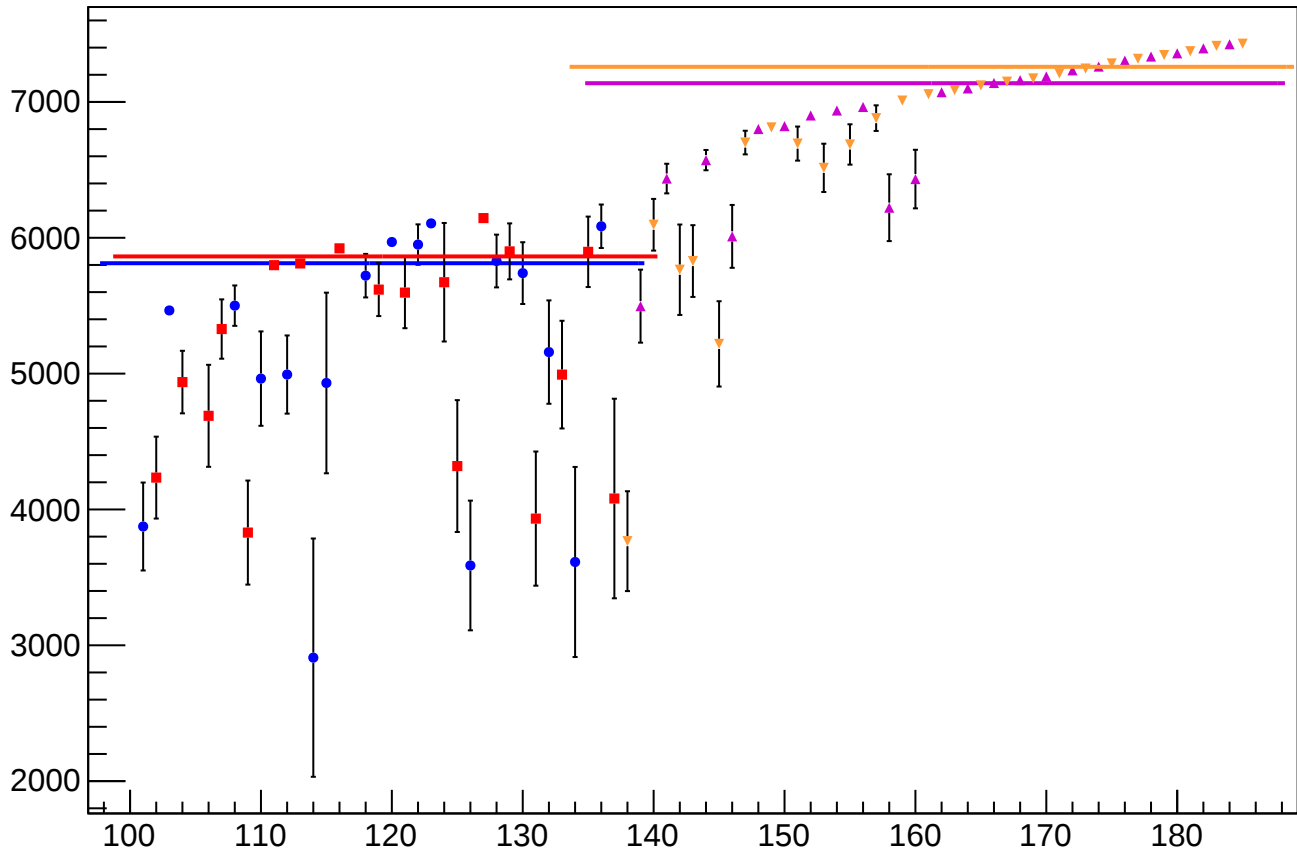
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_run_mean vs Slug



Right In: 5812.740+/-0.171 χ^2 /NDF: 2217854.6/16

Left Out: 7258.635+/-0.092 χ^2 /NDF:4237942.4/24

Right Out: 5862.788+/-0.139 χ^2 /NDF: 199291.9/17

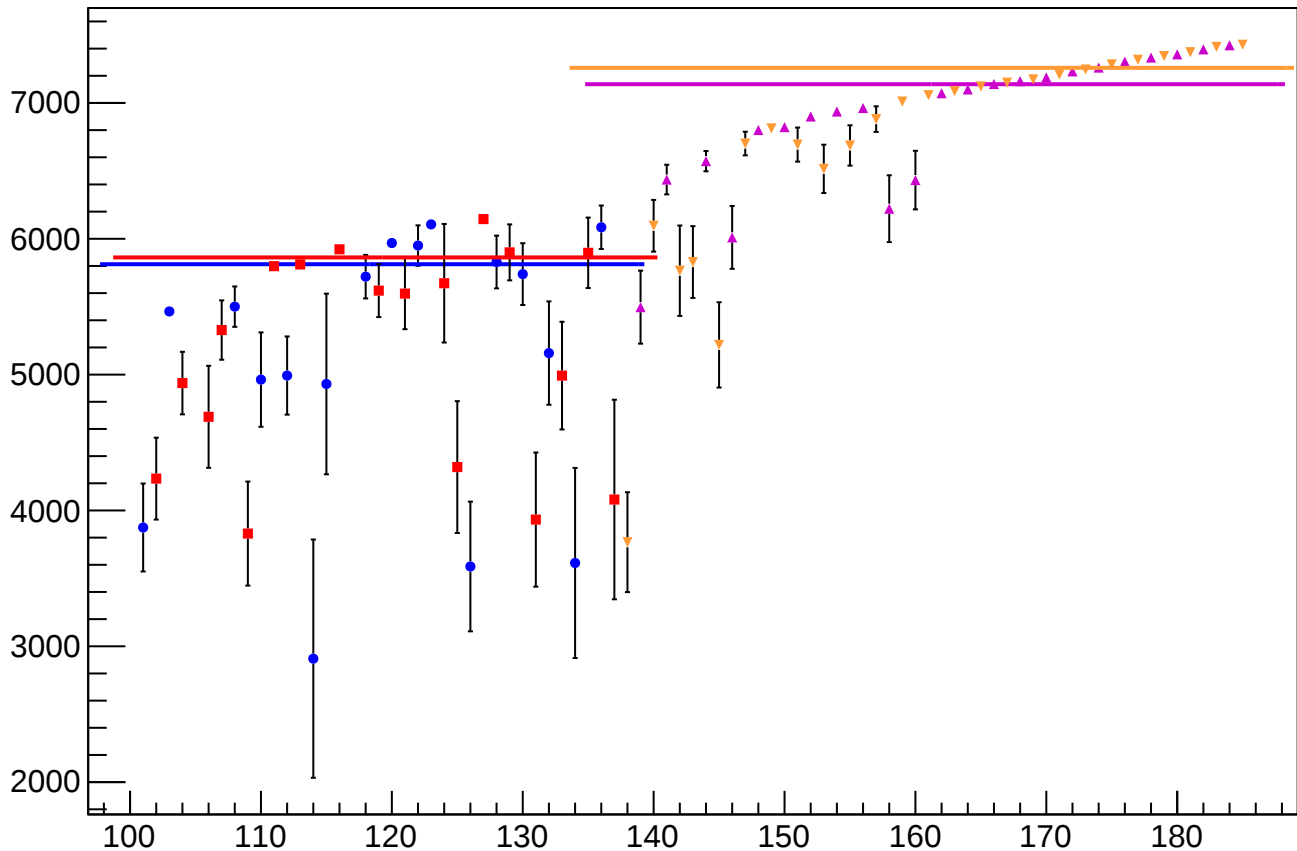
Left In: 7137.987+/-0.098 χ^2 /NDF:4549121.8/22

+ sign 6933.639+/-0.081 χ^2 /NDF: 62160937.3/41

All: 6823.107+/-0.057 χ^2 /NDF: 126611027.2

- sign 6714.188+/-0.080 χ^2 /NDF: 60740936.0/40

dit_run_rms vs Slug



Right In: 5812.740+/-0.171 χ^2/NDF : 2217854.6/16

Left Out: 7258.635+/-0.092 χ^2/NDF : 4237942.4/24

Right Out: 5862.788+/-0.139 χ^2/NDF : 199291.9/17

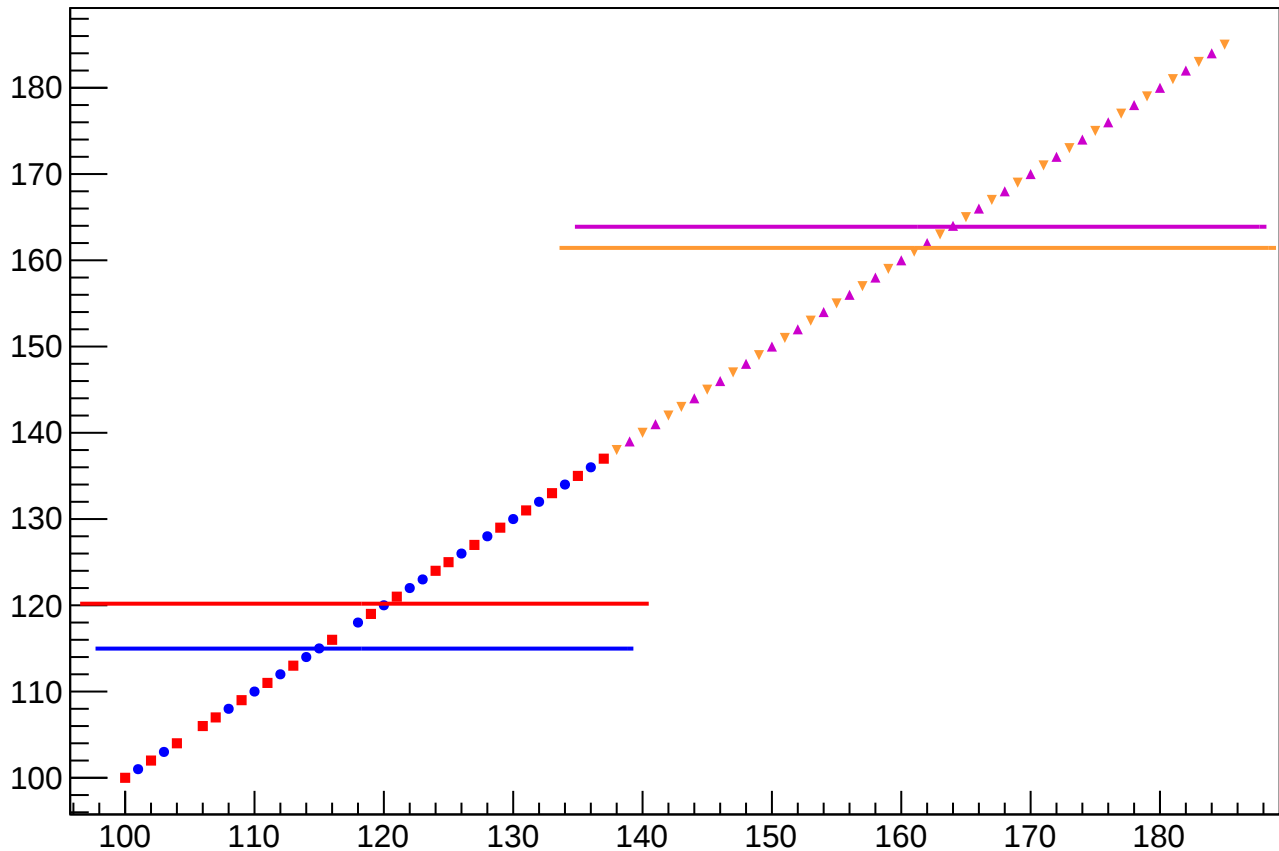
Left In: 7137.987+/-0.098 χ^2/NDF : 4549121.8/22

+ sign 6933.639+/-0.081 χ^2/NDF : 62160937.3/41

All: 6823.107+/-0.057 χ^2/NDF : 126611027.2

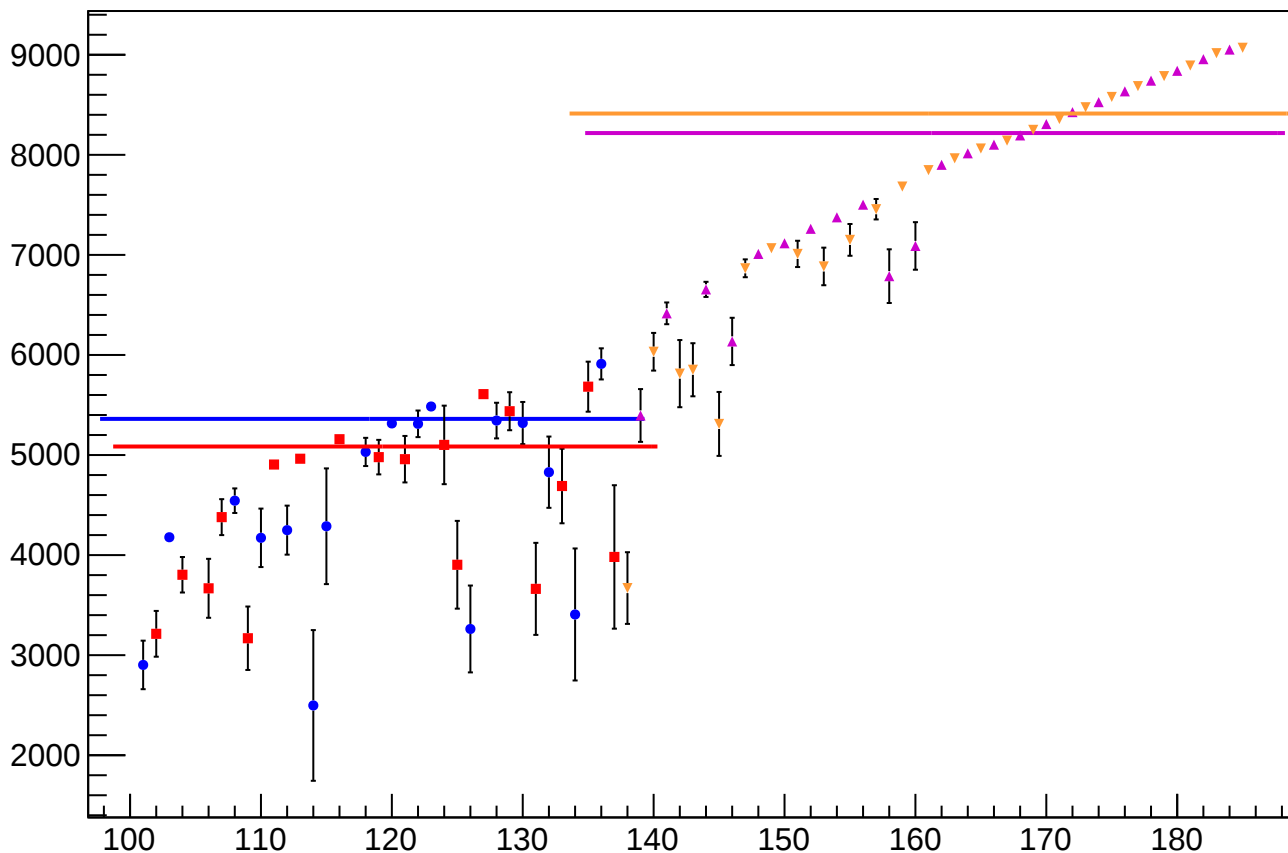
- sign 6714.188+/-0.080 χ^2/NDF : 60740936.0/40

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 161.437+/-0.000 χ^2/NDF : 144351415086772086919986205949952.0/24
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 163.890+/-0.000 χ^2/NDF : 206308926090069183709360387260416.0/22

dit_cyclenum_mean vs Slug



Right In: 5361.298 ± 0.441 χ^2/NDF : 607948.2/16

Left Out: 8412.743 ± 0.396 χ^2/NDF : 2106513.2/24

Right Out: 5085.163 ± 0.644 χ^2/NDF : 80603.0/17

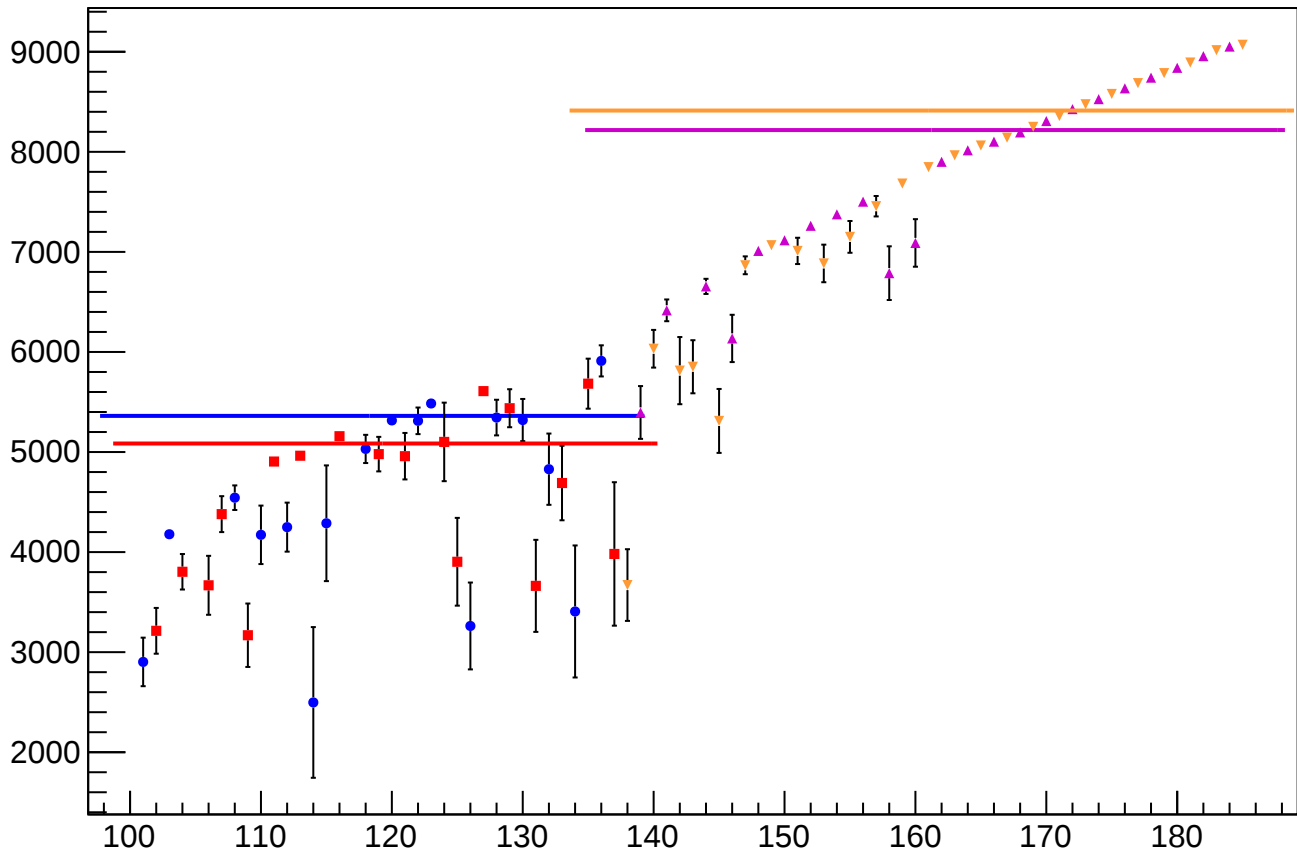
Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ sign 7052.681 ± 0.295 χ^2/NDF : 29216414.4/41

All: 7210.349 ± 0.219 χ^2/NDF : 50451759.5/8

- sign 7405.502 ± 0.328 χ^2/NDF : 20594472.1/40

dit_cyclenum_rms vs Slug



Right In: 5361.298 $\pm$ 0.441 χ^2 /NDF: 607948.2/16

Left Out: 8412.743 $\pm$ 0.396 χ^2 /NDF: 2106513.2/24

Right Out: 5085.163 $\pm$ 0.644 χ^2 /NDF: 80603.0/17

Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ sign 7052.681 $\pm$ 0.295 χ^2 /NDF: 29216414.4/41

All: 7210.349 $\pm$ 0.219 χ^2 /NDF: 50451759.5/8

- sign 7405.502 $\pm$ 0.328 χ^2 /NDF: 20594472.1/40

dit_scandata1_mean vs Slug



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

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

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

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

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

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

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

dit_scandata1_rms vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



Right In: 0.000+/-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_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

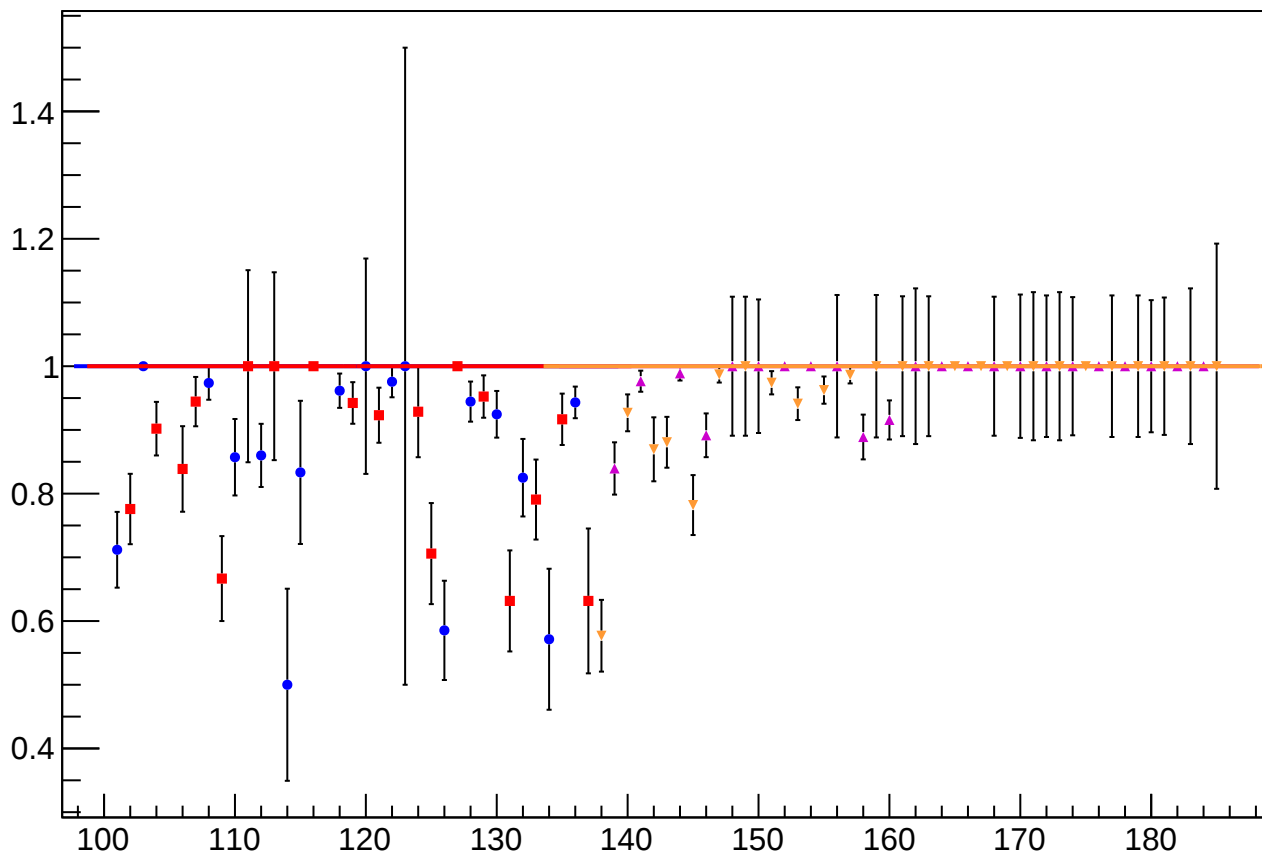
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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: 1.000+/-0.000 χ^2/NDF : 1591.4/24

Right Out: 1.000+/-0.000 χ^2/NDF : 192.3/17

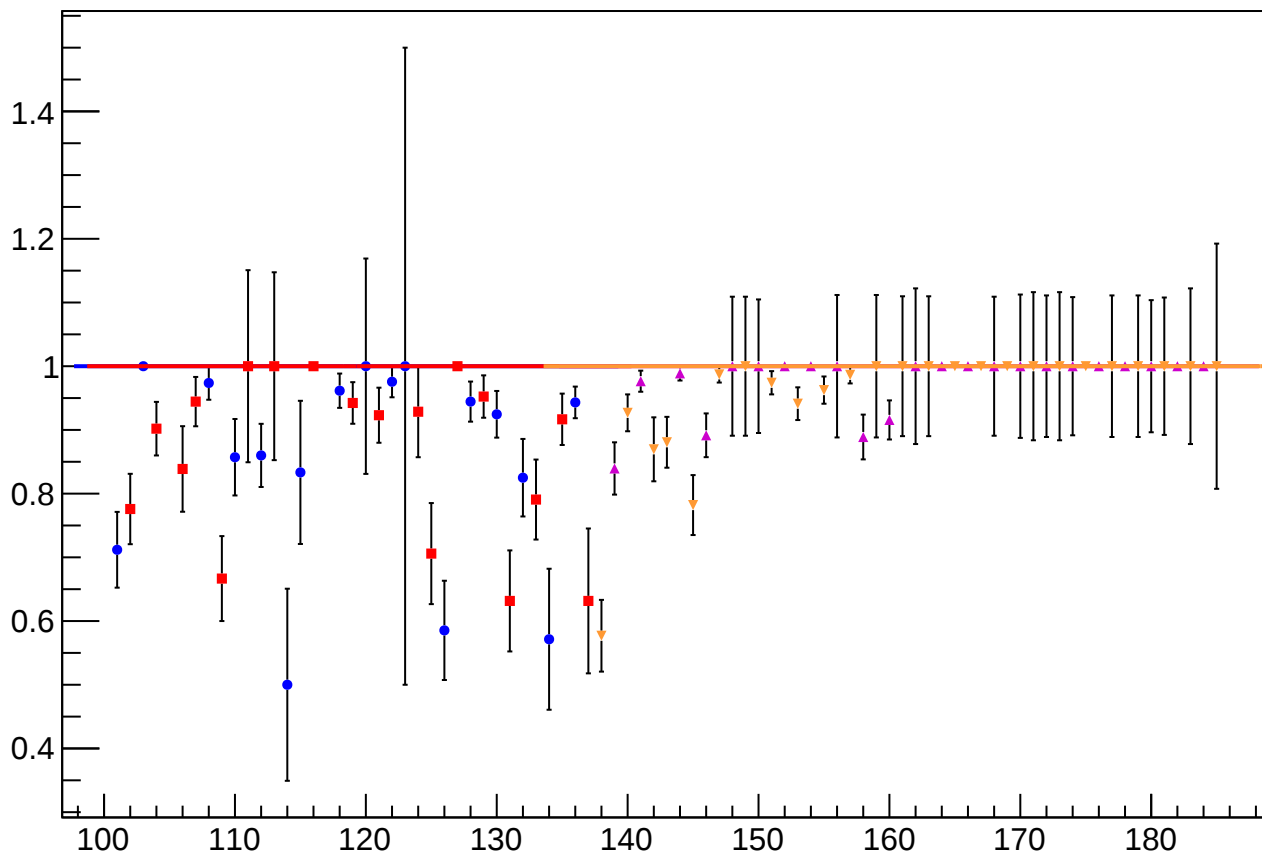
Left In: 1.000+/-0.000 χ^2/NDF : 385.6/22

+ sign 1.000+/-0.000 χ^2/NDF : 584.9/41

All: 1.000+/-0.000 χ^2/NDF : 1541.1/82

- sign 1.000+/-0.000 χ^2/NDF : 1019.1/40

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 118.6/16

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1591.4/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 192.3/17

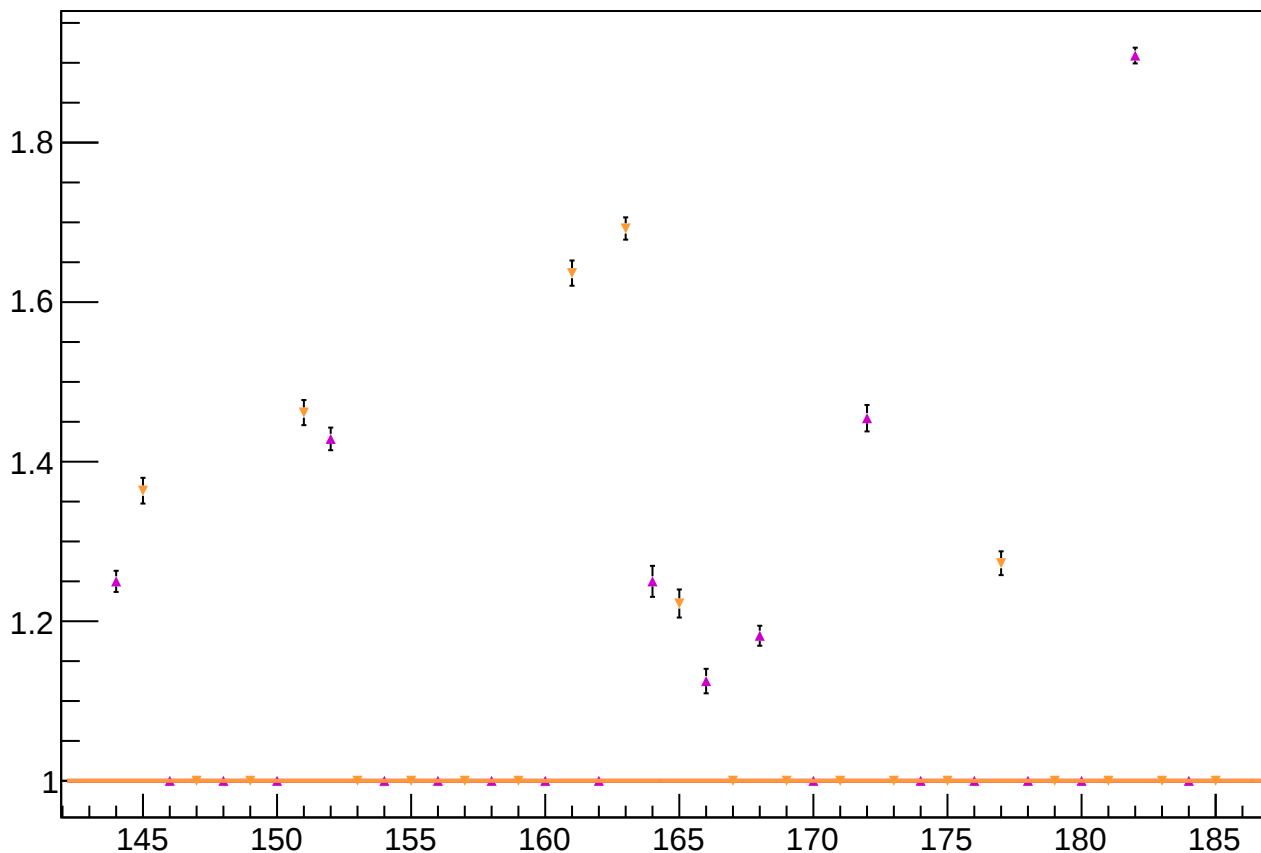
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 584.9/41

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1541.1/82

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 1019.1/40

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 :18616.2/20

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

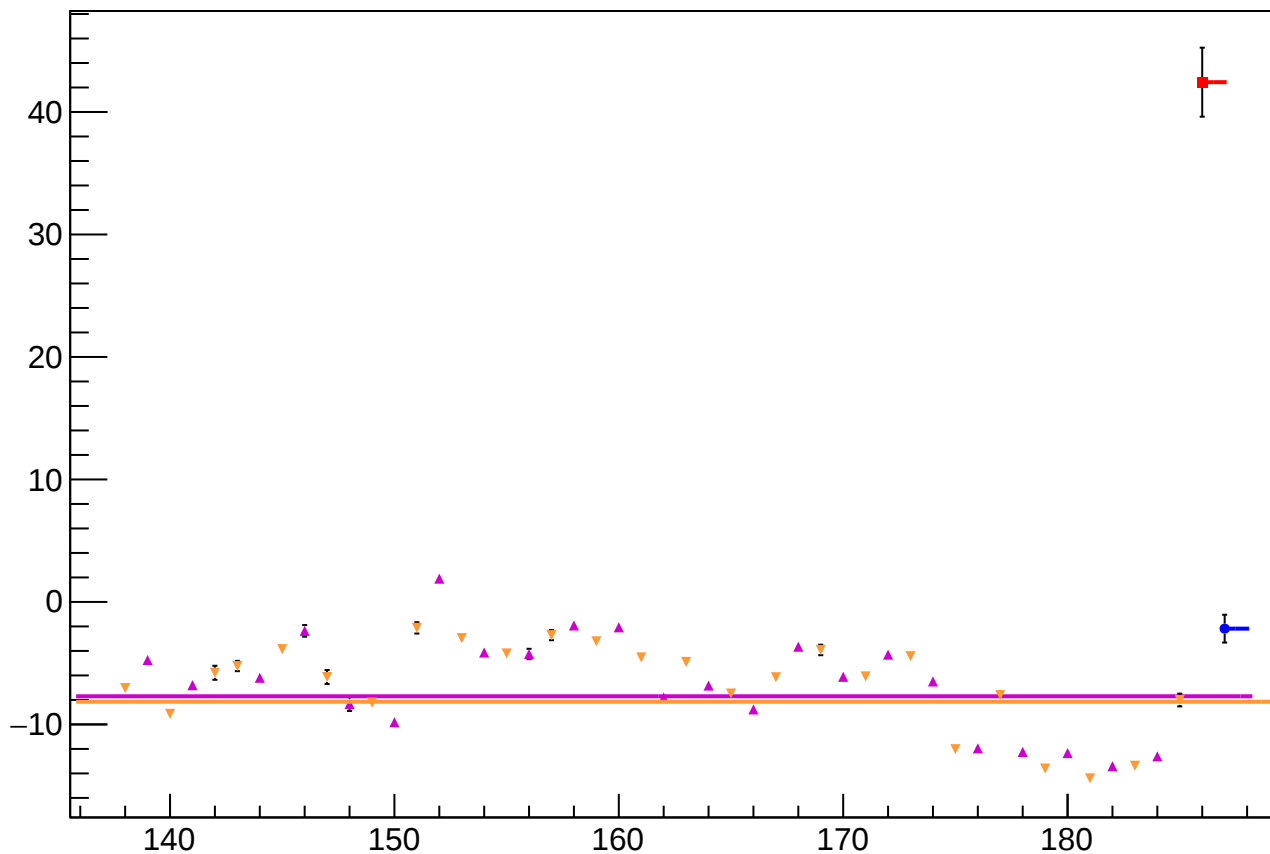
Left In: 1.000+/-0.000 χ^2/NDF :12089.0/20

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 19113.7/41

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -2.180 ± 1.137 χ^2/NDF : 0.0/0

Left Out: -8.149 ± 0.068 χ^2/NDF : 3613.1/24

Right Out: 42.434 ± 2.817 χ^2/NDF : 0.0/0

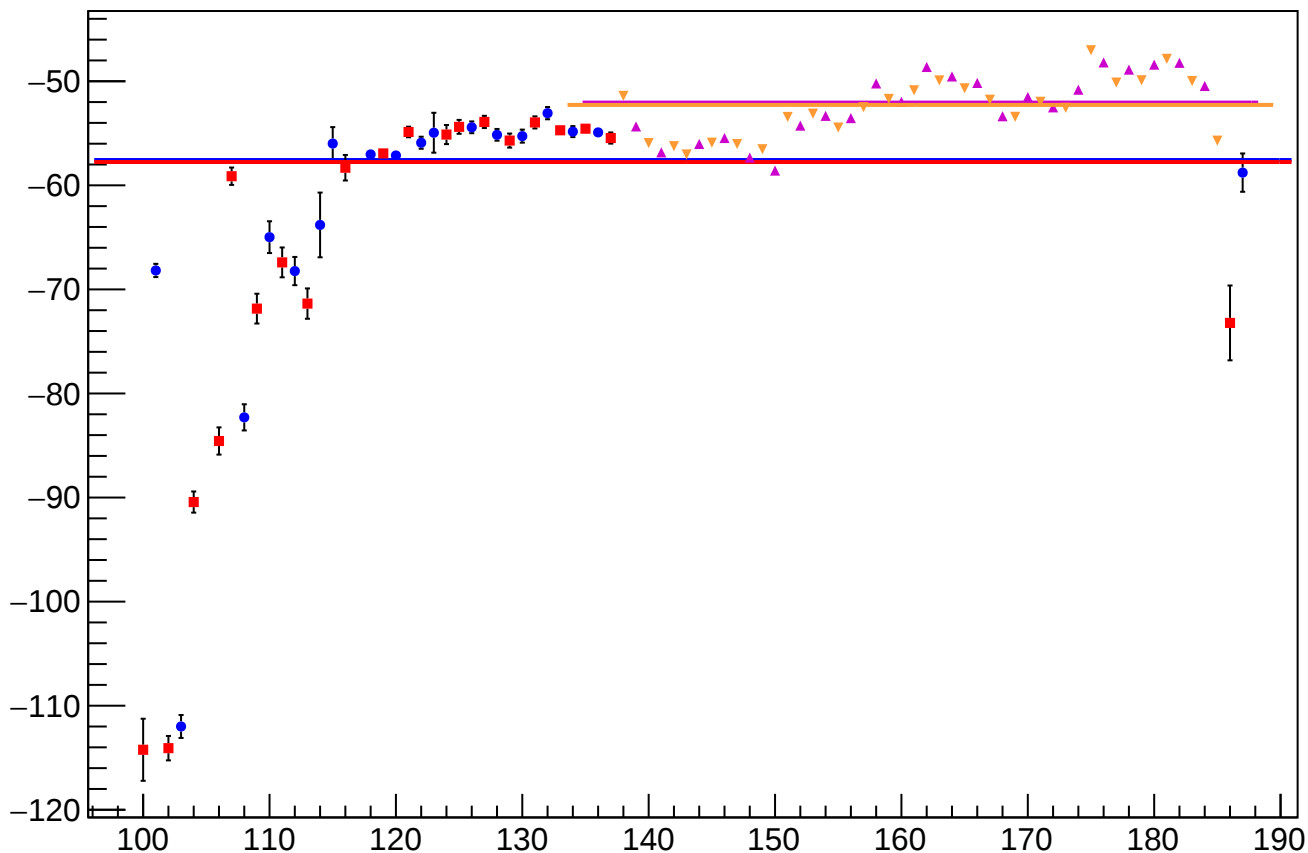
Left In: -7.701 ± 0.068 χ^2/NDF : 3737.2/22

+ sign -8.128 ± 0.067 χ^2/NDF : 3640.5/25

All: -7.903 ± 0.048 χ^2/NDF : 7716.8/49

- sign -7.672 ± 0.068 χ^2/NDF : 4053.7/23

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.570 ± 0.141 χ^2/NDF : 3456.4/17

Left Out: -52.271 ± 0.055 χ^2/NDF : 2609.6/24

Right Out: -57.760 ± 0.143 χ^2/NDF : 4717.0/19

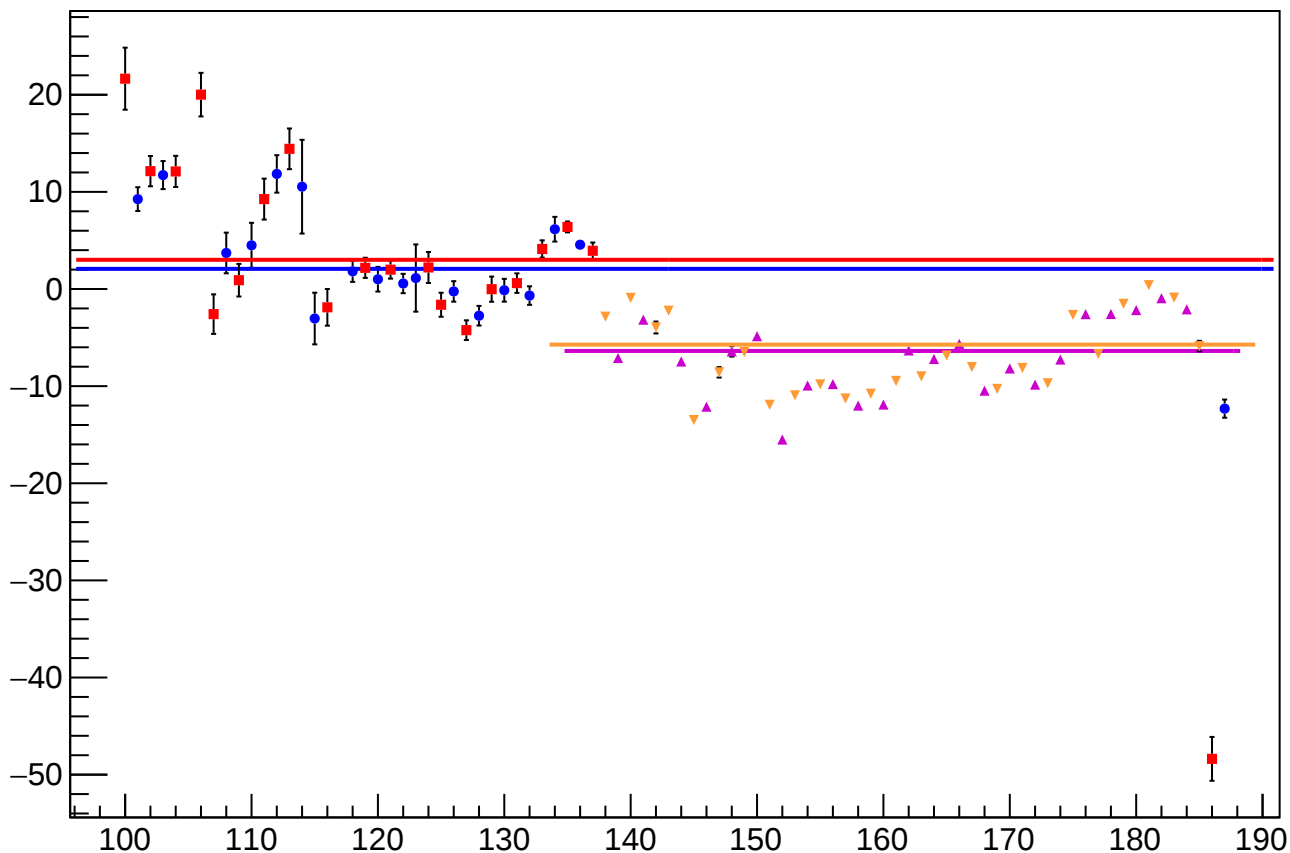
Left In: -52.050 ± 0.057 χ^2/NDF : 3197.5/22

+ sign -52.975 ± 0.051 χ^2/NDF : 7290.0/42

All: -52.906 ± 0.037 χ^2/NDF : 16585.9/85

- sign -52.834 ± 0.053 χ^2/NDF : 9292.2/42

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 2.075 ± 0.248 χ^2/NDF : 441.2/17

Left Out: -5.725 ± 0.068 χ^2/NDF : 3989.1/24

Right Out: 3.008 ± 0.265 χ^2/NDF : 848.0/19

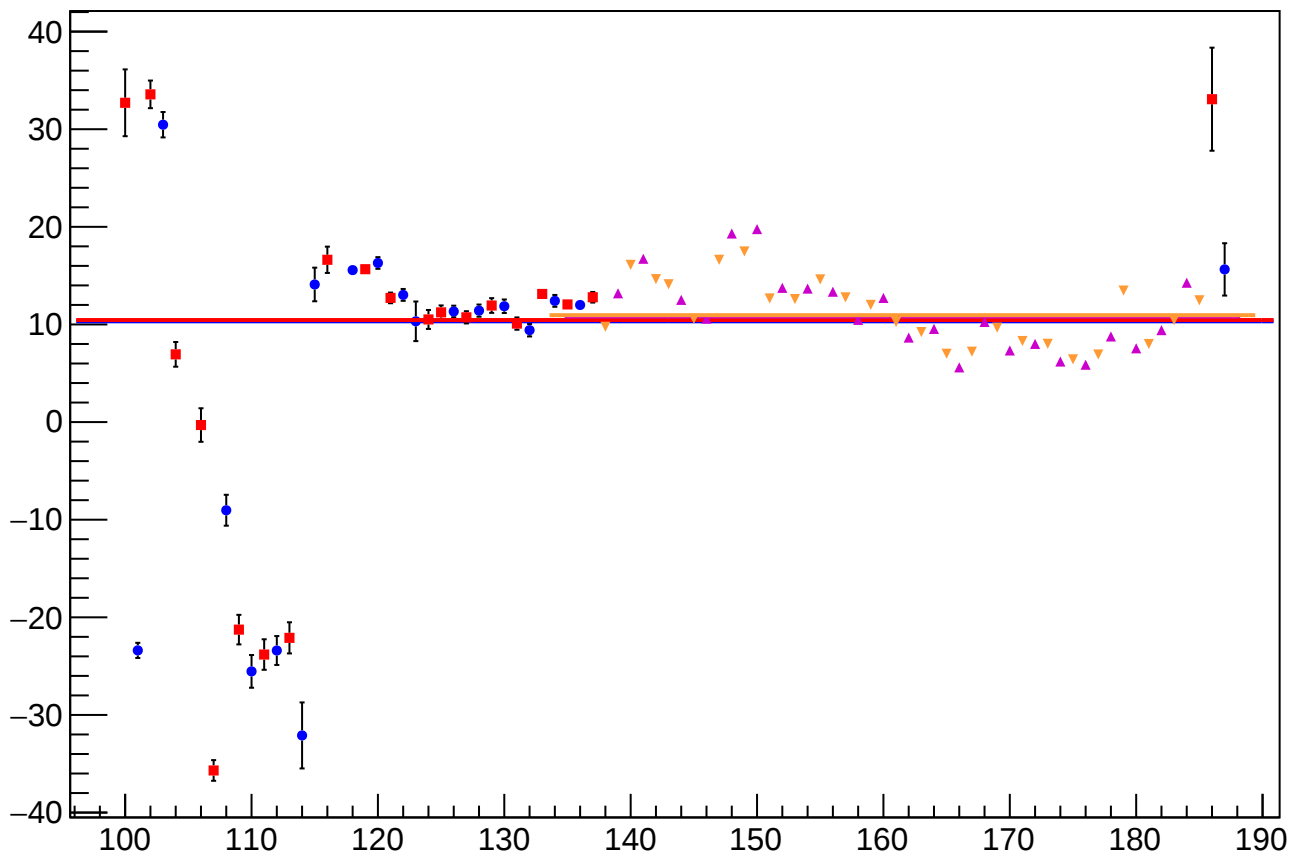
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ sign -5.186 ± 0.065 χ^2/NDF : 5347.4/42

All: -5.487 ± 0.046 χ^2/NDF : 10808.7/85

- sign -5.795 ± 0.066 χ^2/NDF : 5418.2/42

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.324 $\pm$ 0.157 χ^2 /NDF: 3716.2/17

Left Out: 10.950 $\pm$ 0.062 χ^2 /NDF: 2620.4/24

Right Out: 10.453 $\pm$ 0.160 χ^2 /NDF: 3846.8/19

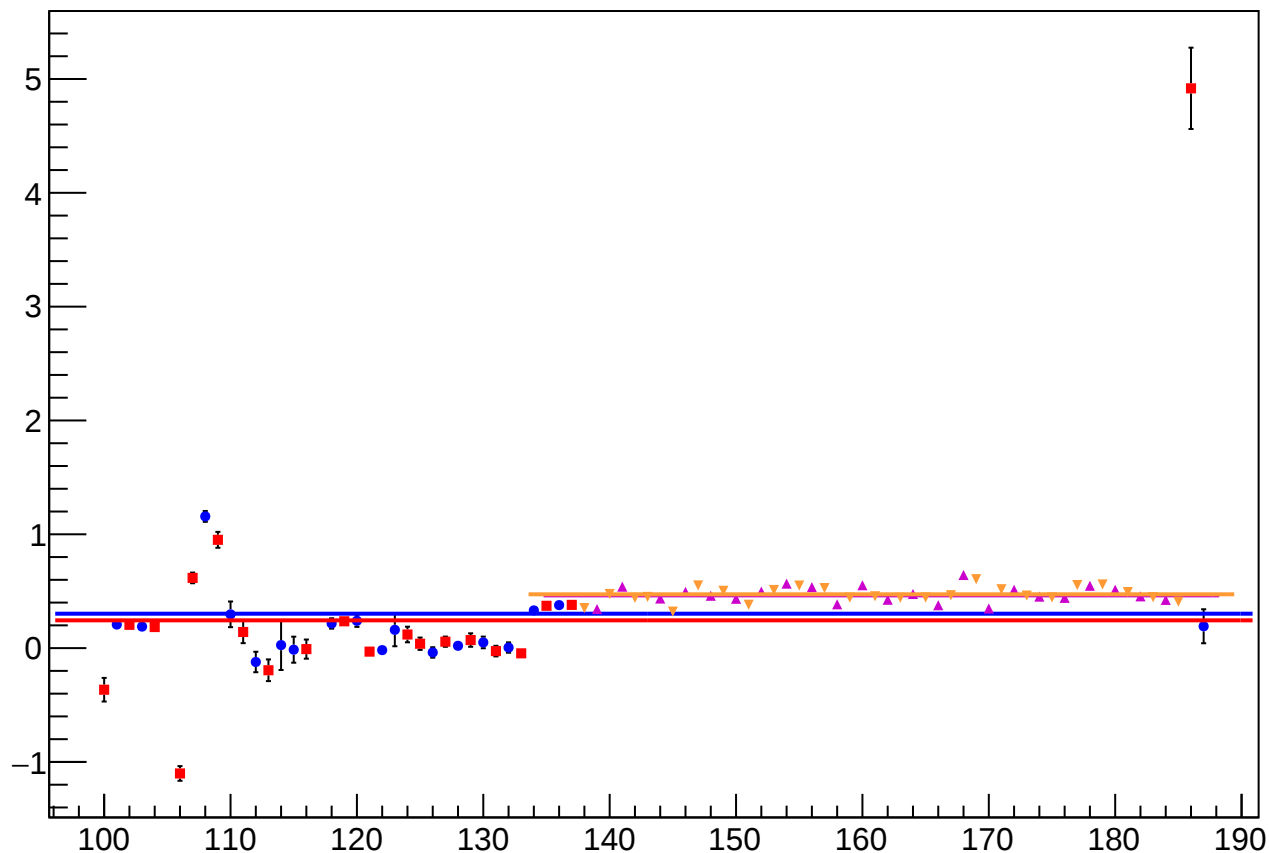
Left In: 10.818 $\pm$ 0.063 χ^2 /NDF: 3577.7/22

+ sign 10.866 $\pm$ 0.057 χ^2 /NDF: 6350.5/42

All: 10.819 $\pm$ 0.041 χ^2 /NDF: 13780.9/85

- sign 10.769 $\pm$ 0.059 χ^2 /NDF: 7429.0/42

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.302 ± 0.008 χ^2/NDF : 647.1/17

Left Out: 0.473 ± 0.003 χ^2/NDF : 515.0/24

Right Out: 0.244 ± 0.008 χ^2/NDF : 1158.0/19

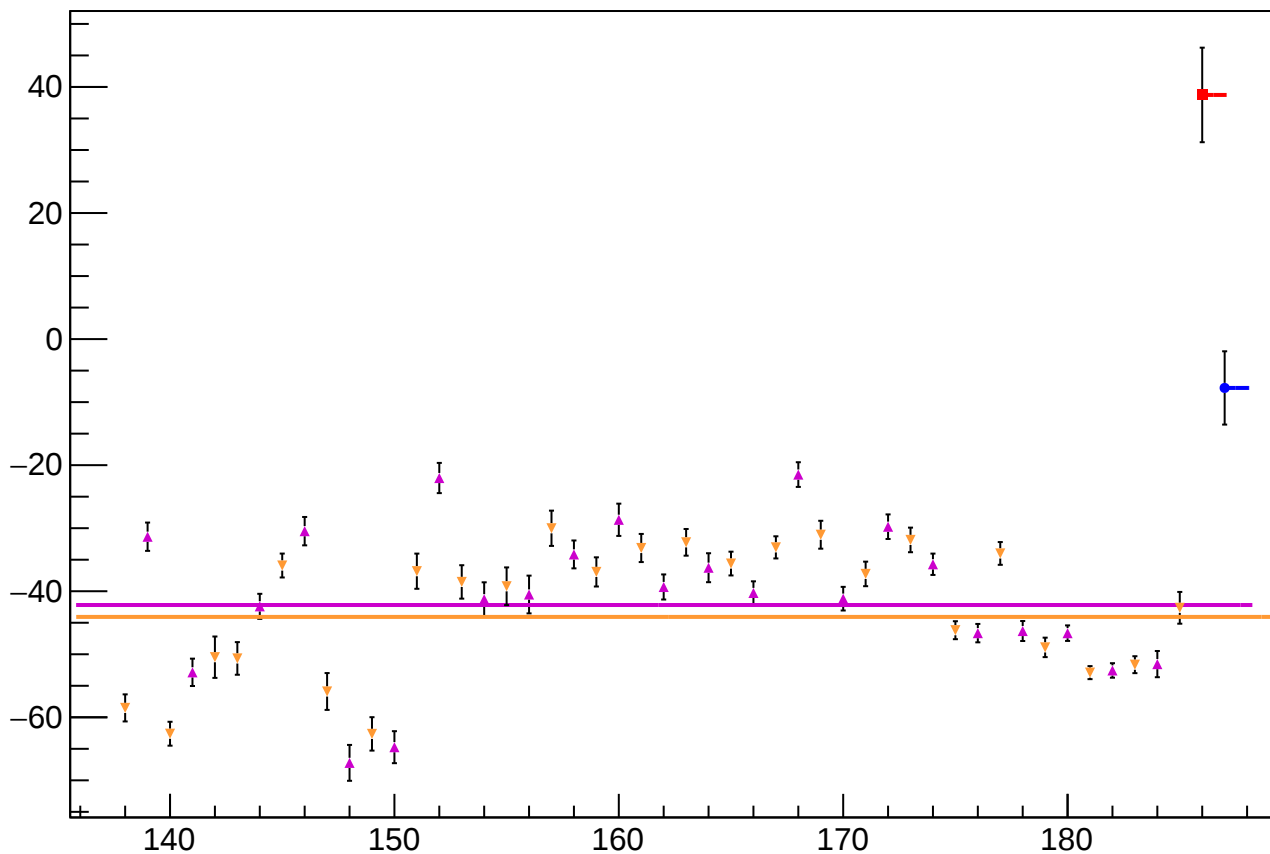
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.455 ± 0.003 χ^2/NDF : 1551.4/42

All: 0.449 ± 0.002 χ^2/NDF : 4075.4/85

- sign 0.442 ± 0.003 χ^2/NDF : 2511.8/42

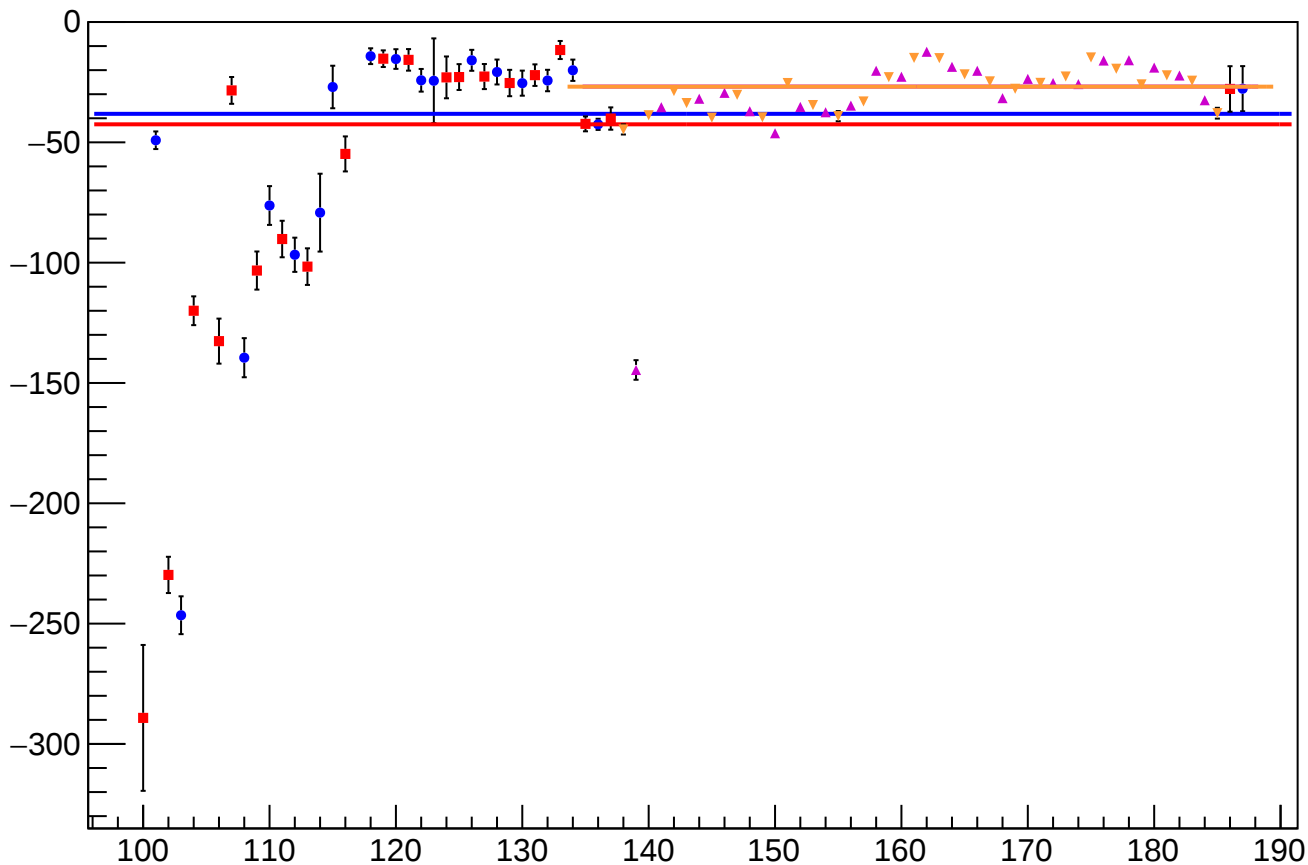
reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -7.749 ± 5.815 χ^2/NDF : 0.0/0
 Left Out: -44.074 ± 0.389 χ^2/NDF : 632.8/24
 Right Out: 38.733 ± 7.499 χ^2/NDF : 0.0/0
 Left In: -42.185 ± 0.398 χ^2/NDF : 651.0/22

+ sign -43.912 ± 0.388 χ^2/NDF : 671.7/25
 All: -42.956 ± 0.278 χ^2/NDF : 1451.2/49
 - sign -41.959 ± 0.397 χ^2/NDF : 767.1/23

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.156 ± 1.129 $\chi^2/\text{NDF}: 1133.9/17$

Left Out: -26.867 ± 0.317 $\chi^2/\text{NDF}: 629.1/24$

Right Out: -42.514 ± 1.201 $\chi^2/\text{NDF}: 1344.0/19$

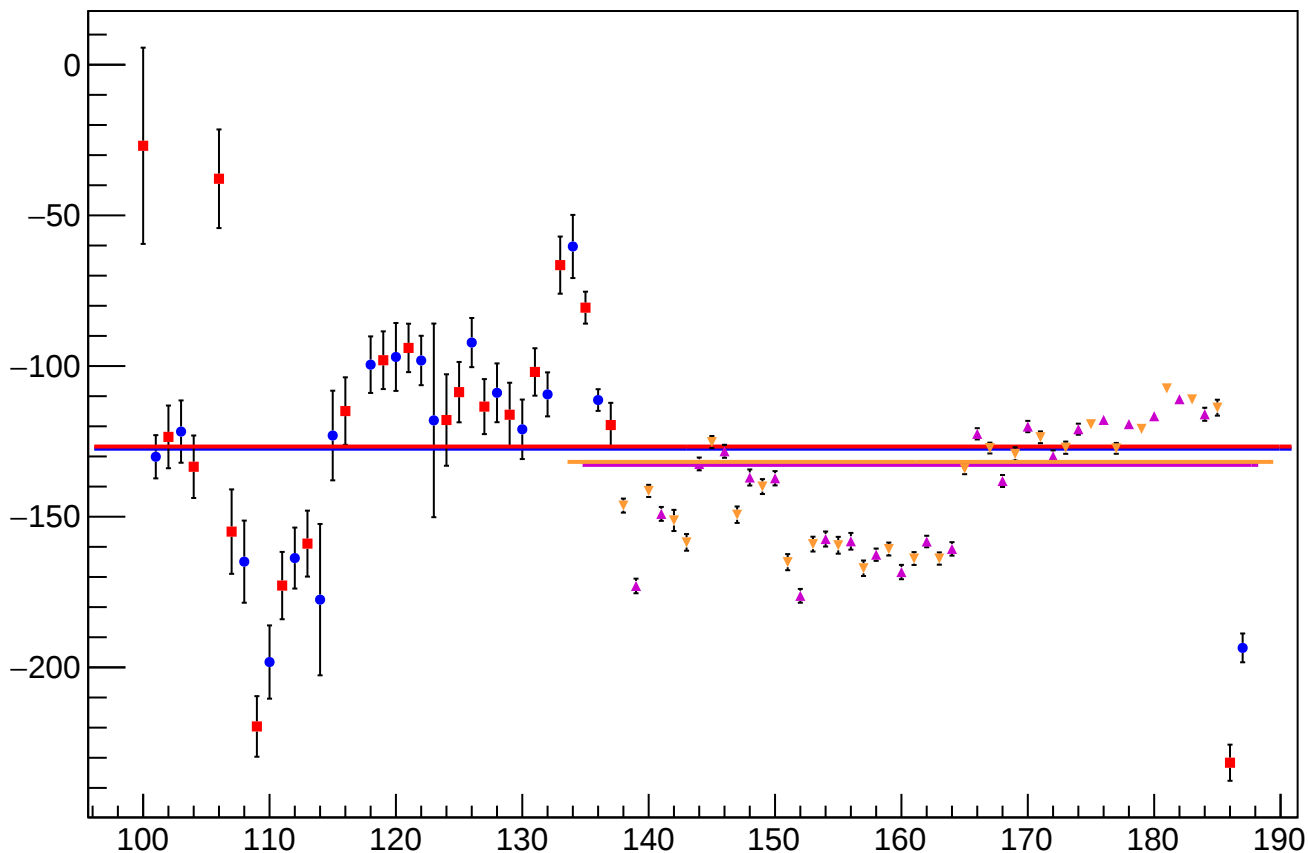
Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

+ sign -27.692 ± 0.305 $\chi^2/\text{NDF}: 1855.8/42$

All: -27.793 ± 0.219 $\chi^2/\text{NDF}: 4840.6/85$

- sign -27.899 ± 0.314 $\chi^2/\text{NDF}: 2984.7/42$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -127.426 $\pm$ 1.901 χ^2 /NDF: 369.1/17

Left Out: -131.805 $\pm$ 0.392 χ^2 /NDF:2417.0/24

Right Out: -126.714 $\pm$ 2.071 χ^2 /NDF: 620.6/19

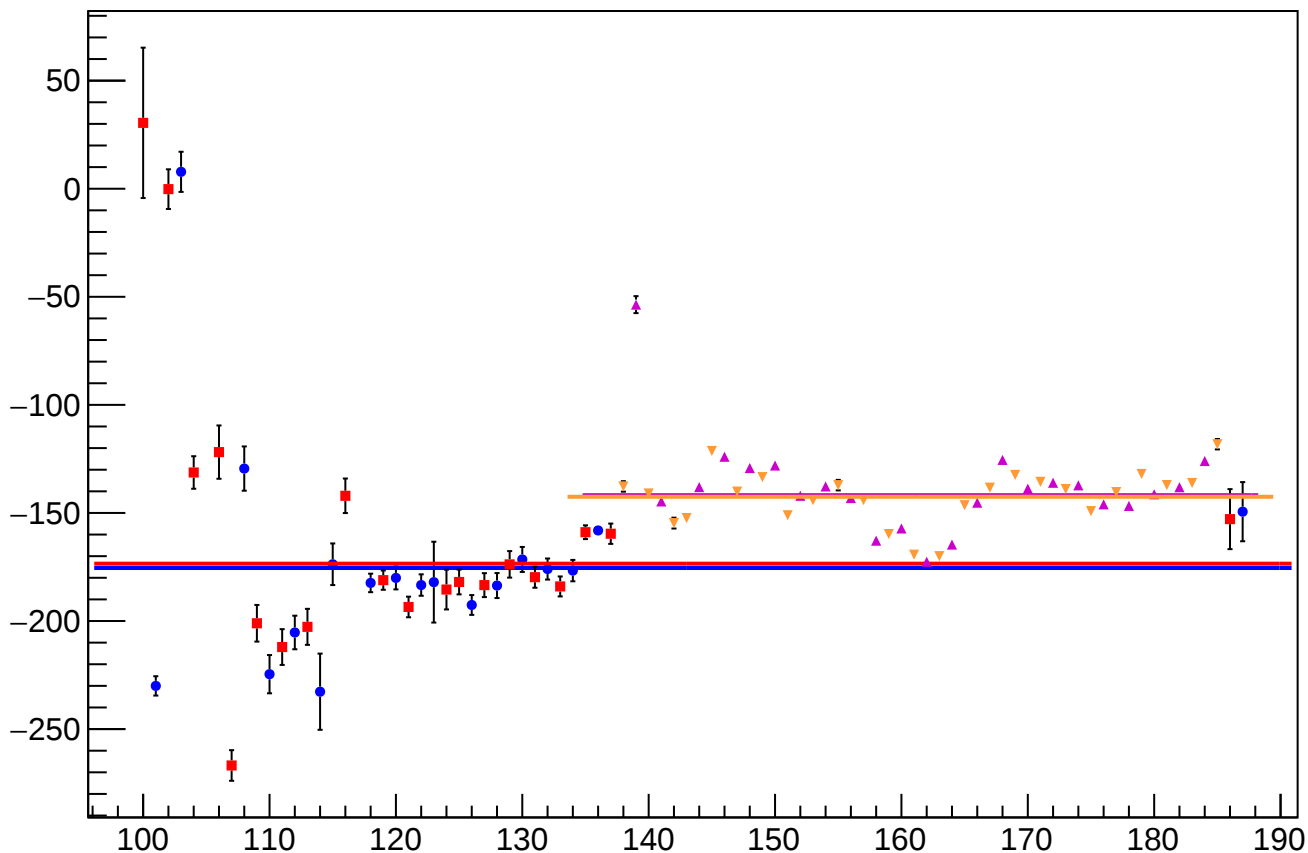
Left In: -132.799 $\pm$ 0.398 χ^2 /NDF:2515.9/22

+ sign -131.626 $\pm$ 0.384 χ^2 /NDF: 2791.2/42

All: -132.096 $\pm$ 0.274 χ^2 /NDF: 5939.1/85

- sign -132.582 $\pm$ 0.391 χ^2 /NDF: 3144.8/42

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.472 ± 1.262 χ^2/NDF : 696.6/17

Left Out: -142.517 ± 0.355 χ^2/NDF : 1144.2/24

Right Out: -173.470 ± 1.349 χ^2/NDF : 739.9/19

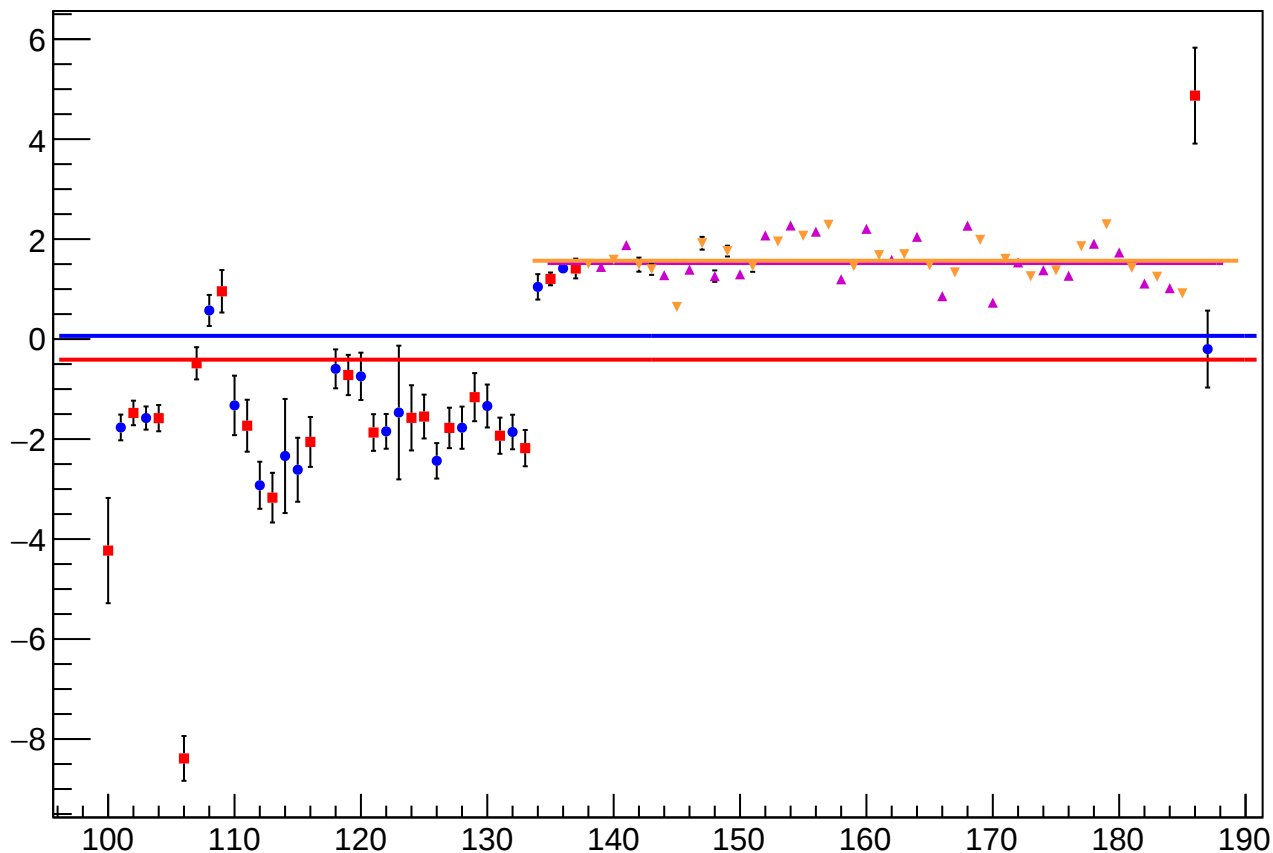
Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

+ sign -144.930 ± 0.342 χ^2/NDF : 2472.6/42

All: -144.430 ± 0.245 χ^2/NDF : 5336.0/85

- sign -143.904 ± 0.350 χ^2/NDF : 2859.0/42

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.065 ± 0.067 χ^2/NDF : 526.3/17

Left Out: 1.568 ± 0.016 χ^2/NDF : 541.0/24

Right Out: -0.411 ± 0.071 χ^2/NDF : 785.4/19

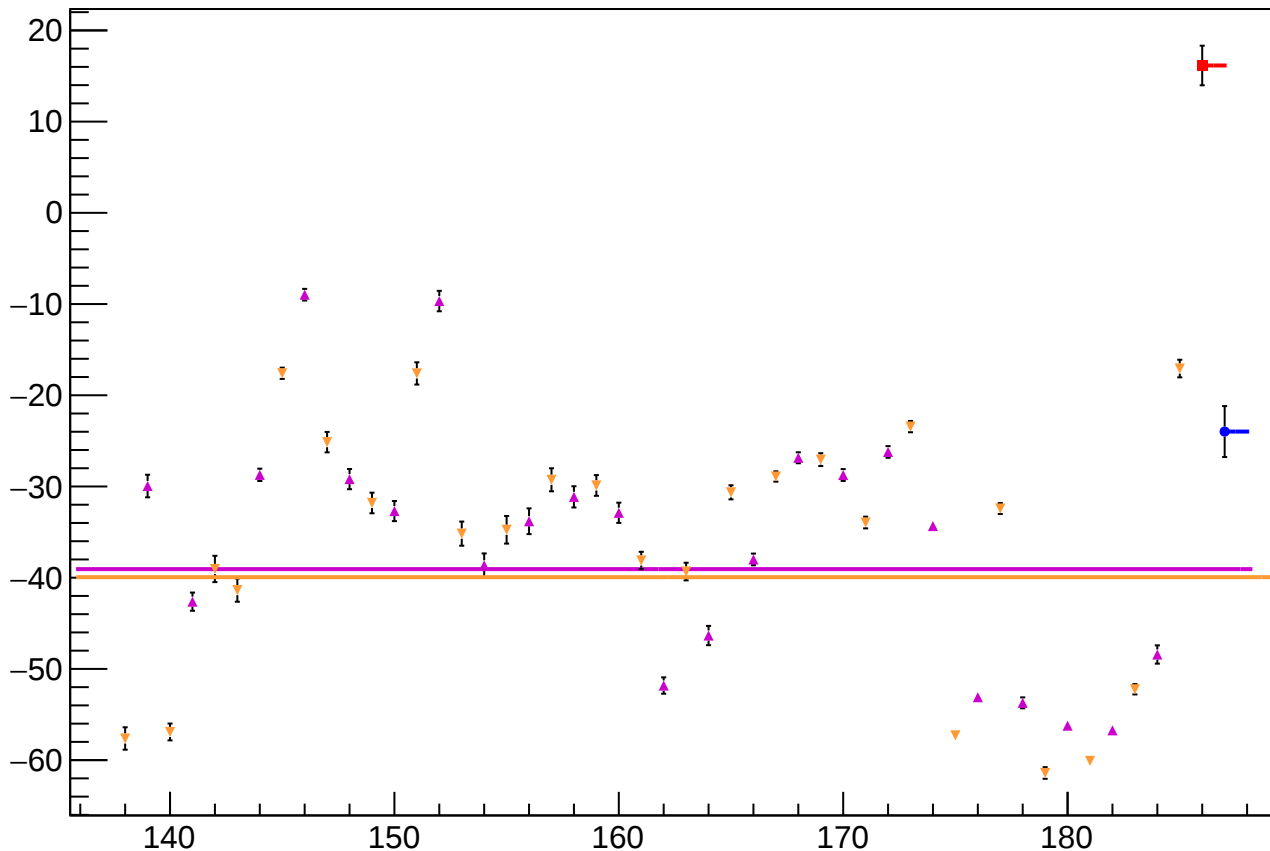
Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

+ sign 1.484 ± 0.016 χ^2/NDF : 1546.5/42

All: 1.454 ± 0.011 χ^2/NDF : 3783.6/85

- sign 1.423 ± 0.016 χ^2/NDF : 2229.8/42

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -23.980 $\pm$ 2.794 χ^2 /NDF: 0.0/0

Left Out: -39.942 $\pm$ 0.153 χ^2 /NDF:9806.2/24

Right Out: 16.154 $\pm$ 2.172 χ^2 /NDF: 0.0/0

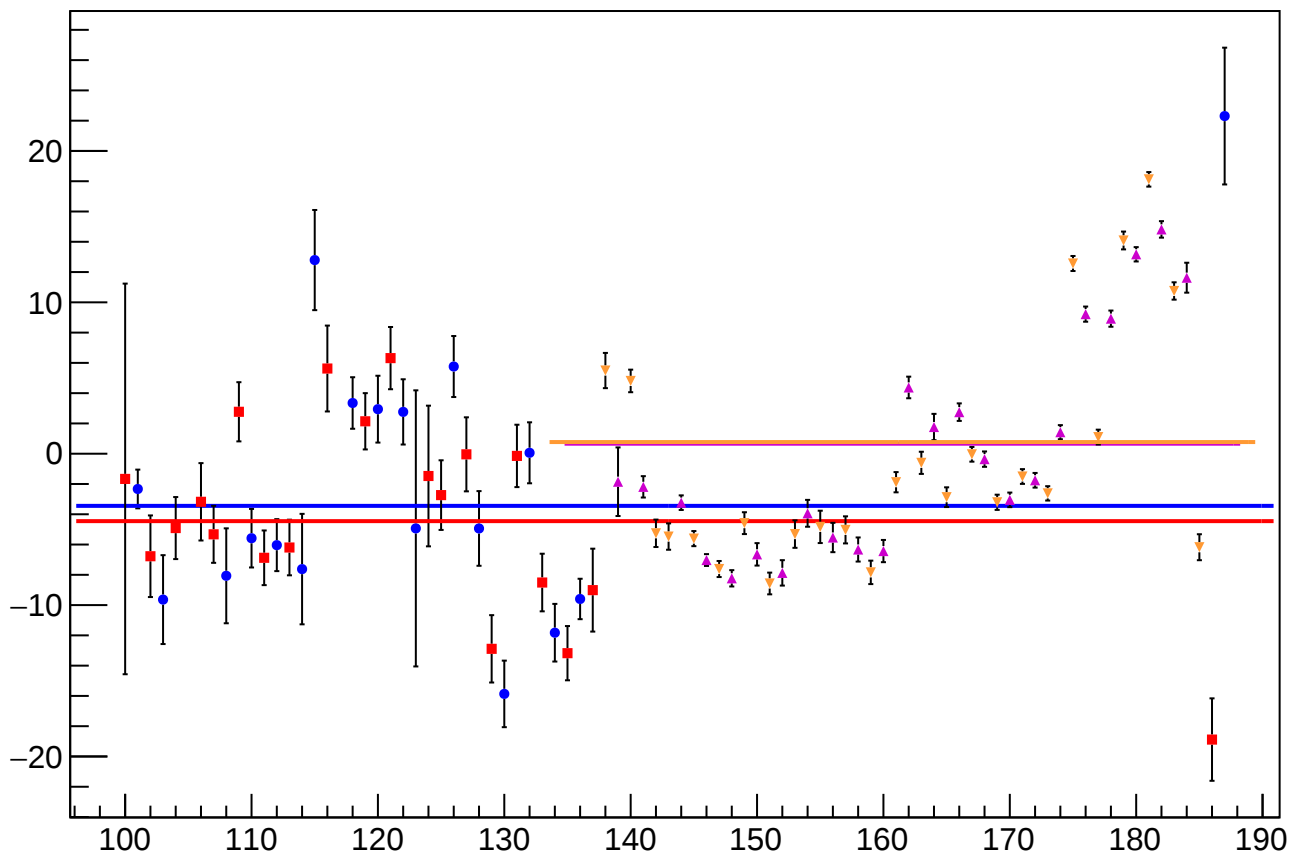
Left In: -39.060 $\pm$ 0.154 χ^2 /NDF:8577.0/22

+ sign -39.894 $\pm$ 0.153 χ^2 /NDF: 9838.7/25

All: -39.341 $\pm$ 0.108 χ^2 /NDF: 19084.7/49

- sign -38.784 $\pm$ 0.154 χ^2 /NDF: 9219.8/23

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.445 ± 0.492 χ^2/NDF : 198.2/17

Left Out: 0.770 ± 0.124 χ^2/NDF : 3952.9/24

Right Out: -4.454 ± 0.498 χ^2/NDF : 152.4/19

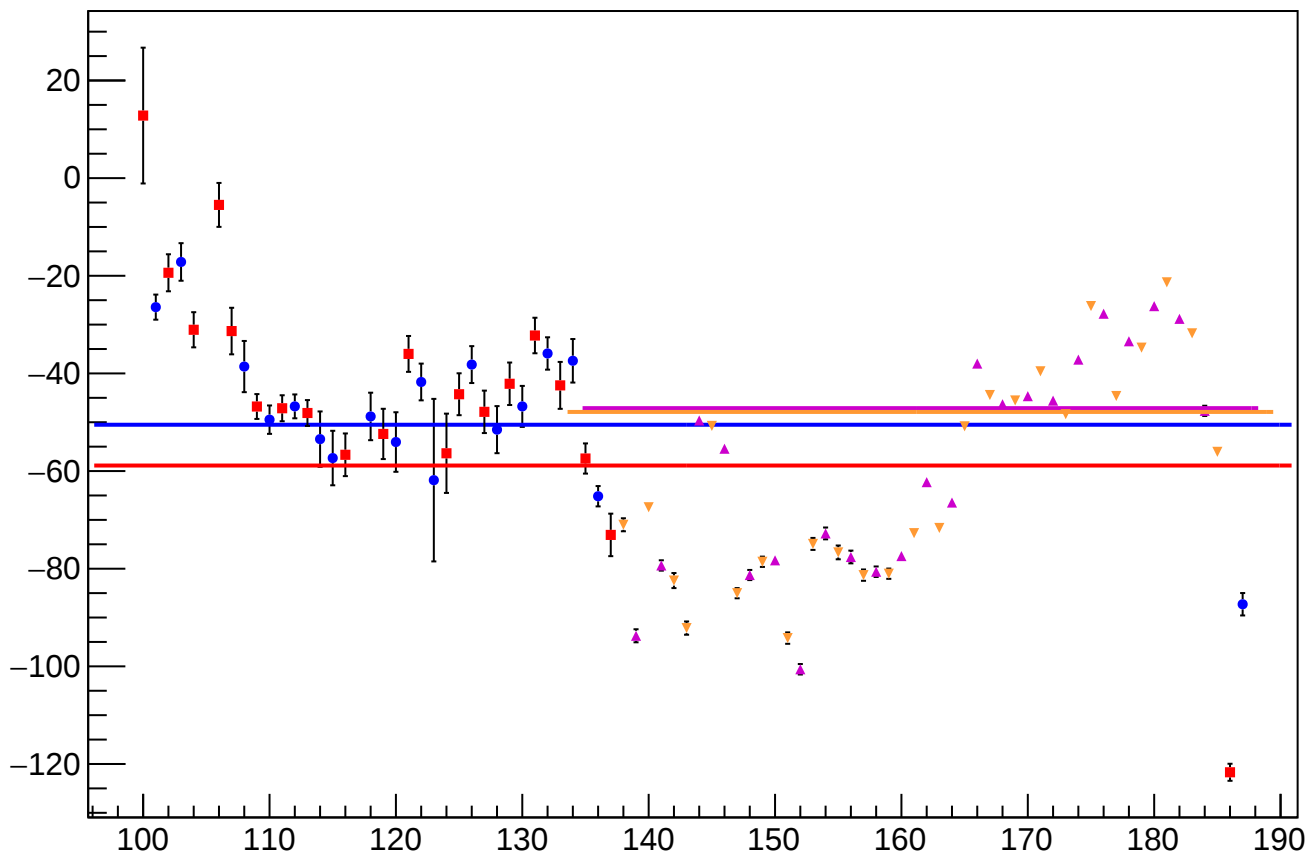
Left In: 0.662 ± 0.124 χ^2/NDF : 3340.9/22

+ sign 0.517 ± 0.121 χ^2/NDF : 4220.1/42

All: 0.440 ± 0.085 χ^2/NDF : 7813.4/85

- sign 0.364 ± 0.120 χ^2/NDF : 3592.5/42

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -50.513 ± 0.822 $\chi^2/\text{NDF}: 524.1/17$

Left Out: -47.888 ± 0.155 $\chi^2/\text{NDF}: 16707.2/24$

Right Out: -58.866 ± 0.784 $\chi^2/\text{NDF}: 1873.6/19$

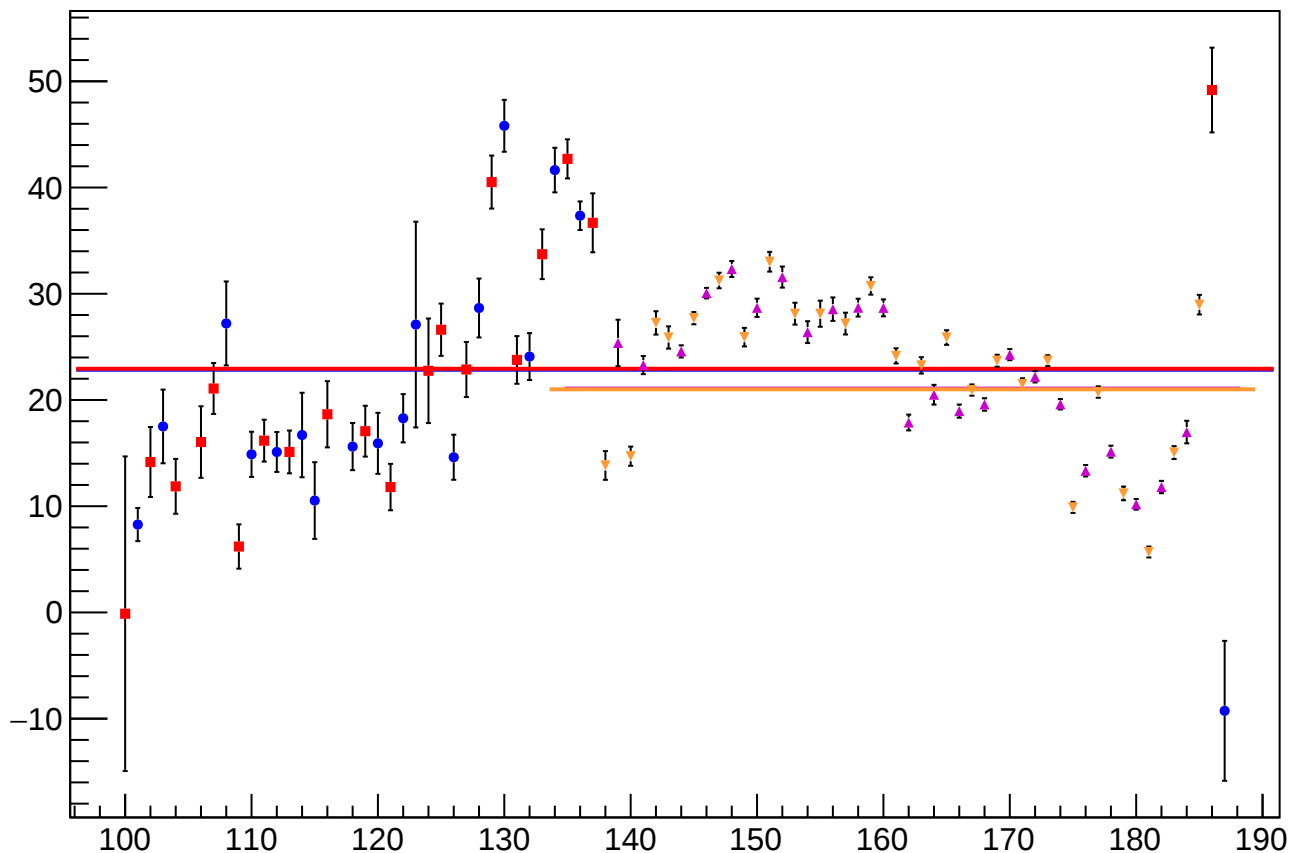
Left In: -47.112 ± 0.155 $\chi^2/\text{NDF}: 15654.8/22$

+ sign -47.978 ± 0.152 $\chi^2/\text{NDF}: 17241.1/42$

All: -47.765 ± 0.107 $\chi^2/\text{NDF}: 34989.9/85$

- sign -47.553 ± 0.152 $\chi^2/\text{NDF}: 17744.8/42$

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.850 $\pm$ 0.554 χ^2 /NDF: 485.1/17

Left Out: 21.005 $\pm$ 0.139 χ^2 /NDF:2789.5/24

Right Out: 22.938 $\pm$ 0.567 χ^2 /NDF: 414.5/19

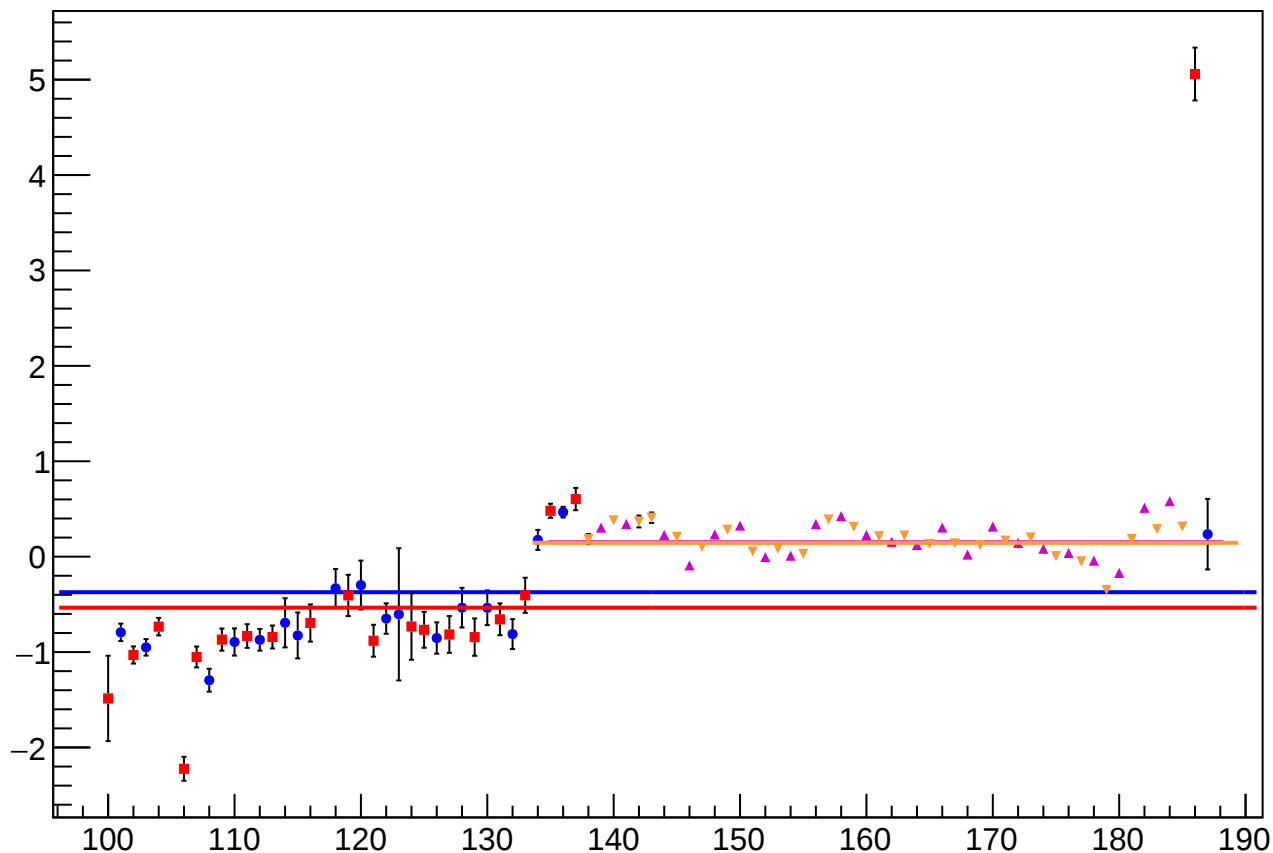
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF:2176.7/22

+ sign 21.114 $\pm$ 0.135 χ^2 /NDF: 3285.1/42

All: 21.145 $\pm$ 0.095 χ^2 /NDF: 5886.6/85

- sign 21.175 $\pm$ 0.135 χ^2 /NDF: 2601.5/42

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.373 ± 0.030 $\chi^2/\text{NDF}: 439.9/17$

Left Out: 0.146 ± 0.006 $\chi^2/\text{NDF}: 609.8/24$

Right Out: -0.535 ± 0.030 $\chi^2/\text{NDF}: 970.0/19$

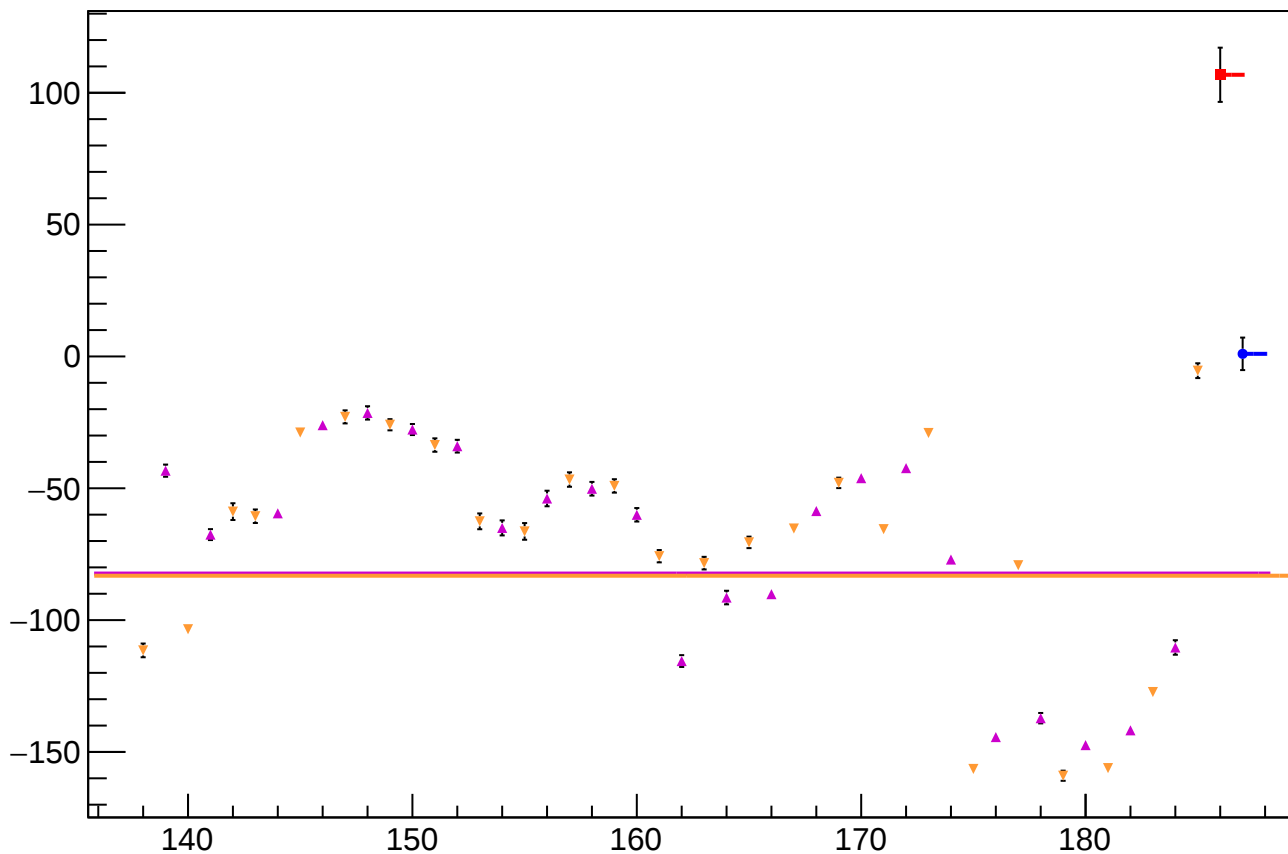
Left In: 0.151 ± 0.006 $\chi^2/\text{NDF}: 873.9/22$

+ sign 0.124 ± 0.006 $\chi^2/\text{NDF}: 1336.2/42$

All: 0.123 ± 0.004 $\chi^2/\text{NDF}: 3680.5/85$

- sign 0.122 ± 0.006 $\chi^2/\text{NDF}: 2344.3/42$

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: 0.990 ± 6.163 χ^2/NDF : 0.0/0

Left Out: -83.163 ± 0.407 χ^2/NDF : 13794.3/24

Right Out: 106.825 ± 10.282 χ^2/NDF : 0.0/0

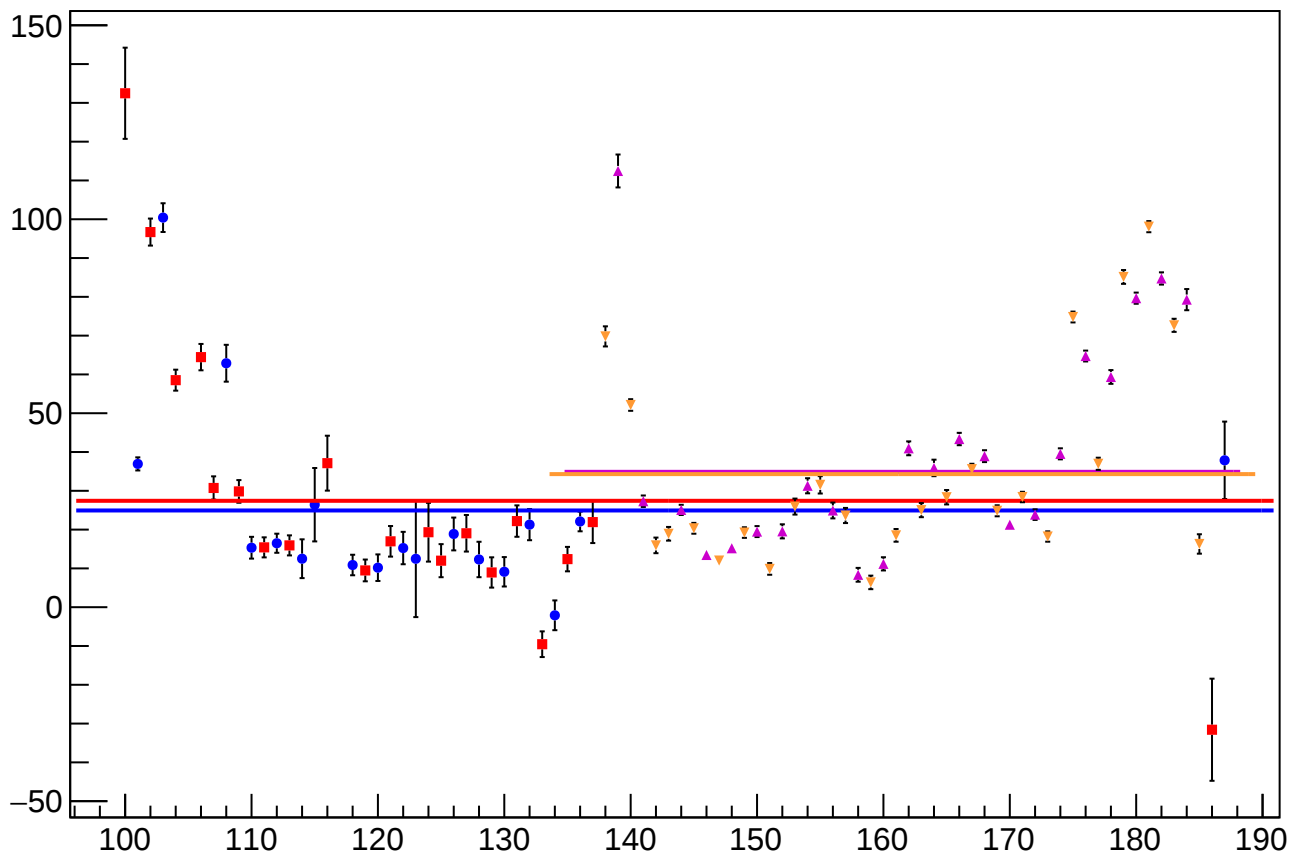
Left In: -82.342 ± 0.413 χ^2/NDF : 10954.9/22

+ sign -82.797 ± 0.406 χ^2/NDF : 13979.9/25

All: -82.423 ± 0.289 χ^2/NDF : 25274.5/49

- sign -82.038 ± 0.413 χ^2/NDF : 11292.9/23

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.931 $\pm$ 0.798 χ^2 /NDF: 692.5/17

Left Out: 34.306 $\pm$ 0.321 χ^2 /NDF: 6163.7/24

Right Out: 27.424 $\pm$ 0.809 χ^2 /NDF: 1029.3/19

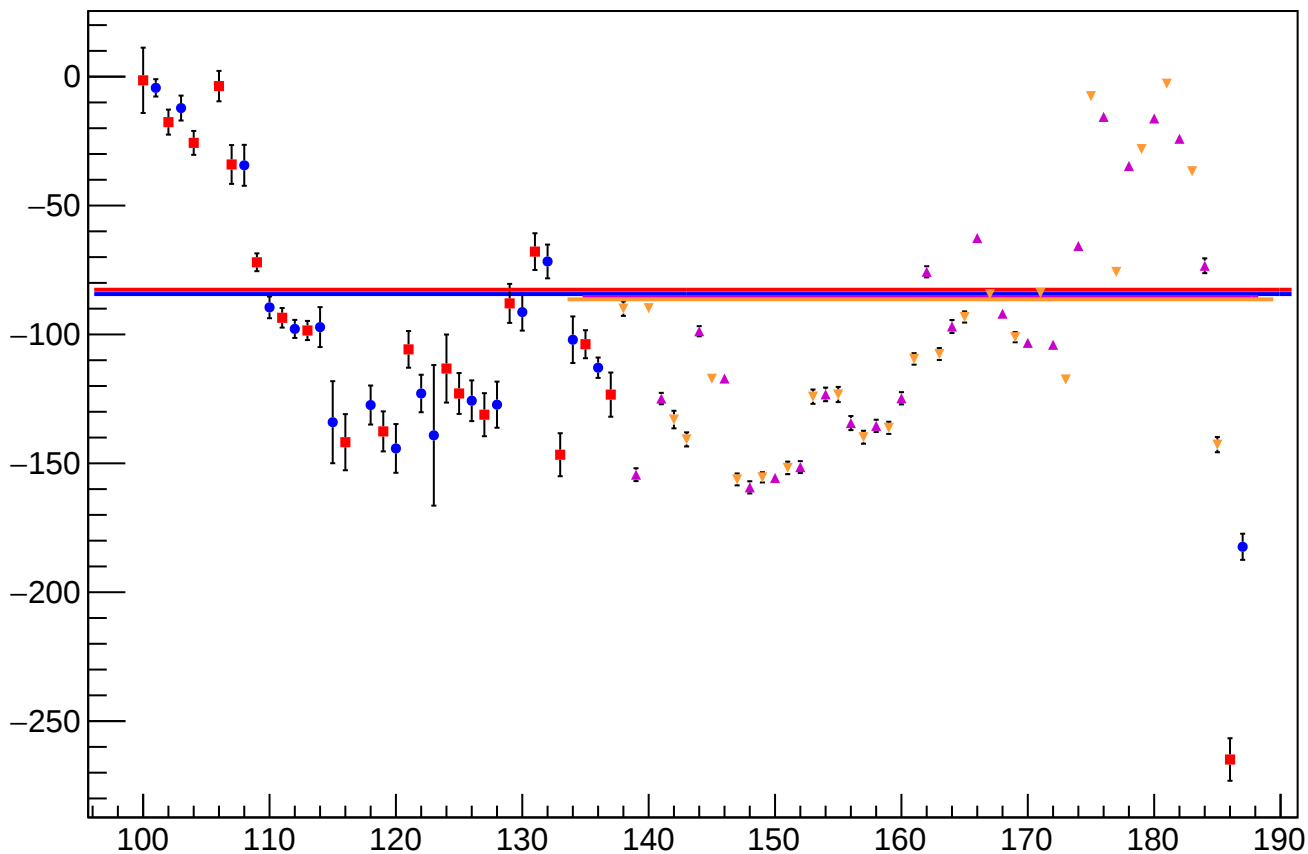
Left In: 34.893 $\pm$ 0.328 χ^2 /NDF: 4754.6/22

+ sign 33.001 $\pm$ 0.298 χ^2 /NDF: 6975.0/42

All: 33.410 $\pm$ 0.213 χ^2 /NDF: 12835.9/85

- sign 33.837 $\pm$ 0.304 χ^2 /NDF: 5857.1/42

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -84.341 ± 1.360 χ^2/NDF : 1445.3/17

Left Out: -86.377 ± 0.409 χ^2/NDF : 14435.1/24

Right Out: -82.659 ± 1.334 χ^2/NDF : 1371.9/19

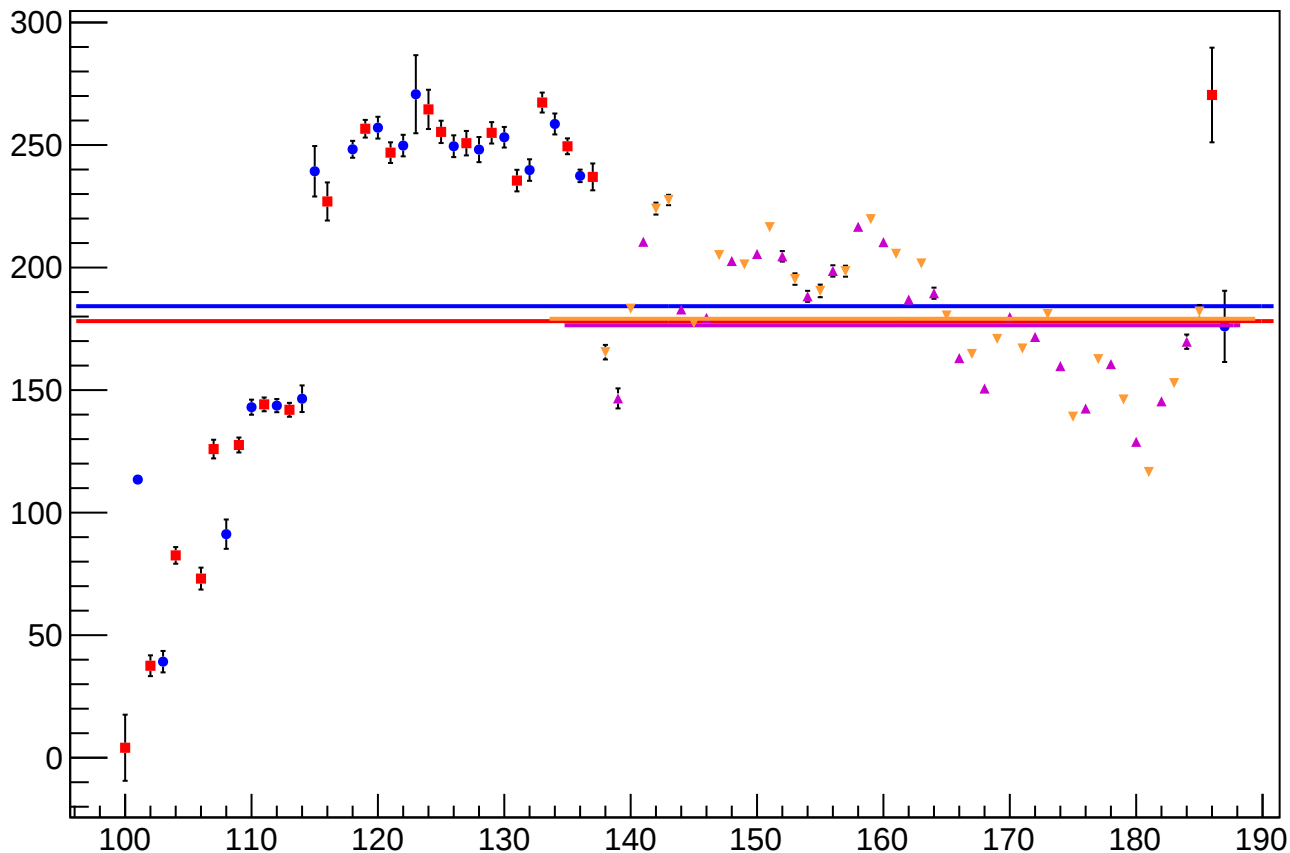
Left In: -85.441 ± 0.413 χ^2/NDF : 12998.9/22

+ sign -86.208 ± 0.392 χ^2/NDF : 15882.5/42

All: -85.707 ± 0.278 χ^2/NDF : 30260.4/85

- sign -85.198 ± 0.395 χ^2/NDF : 14374.7/42

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.239 $\pm$ 0.912 χ^2 /NDF: 5401.3/17

Left Out: 179.109 $\pm$ 0.363 χ^2 /NDF: 5877.5/24

Right Out: 178.141 $\pm$ 0.923 χ^2 /NDF: 6353.8/19

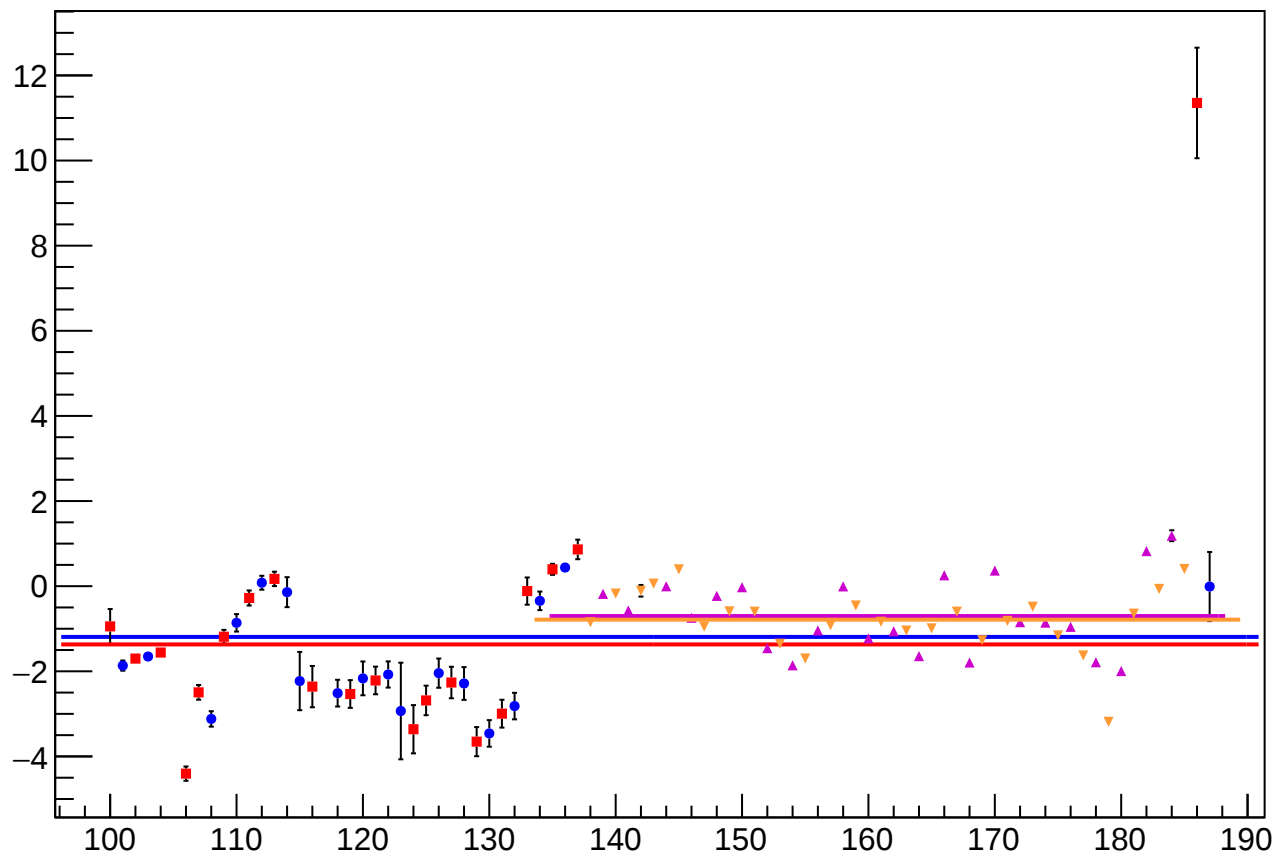
Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

+ sign 179.809 $\pm$ 0.337 χ^2 /NDF: 11306.1/42

All: 178.275 $\pm$ 0.240 χ^2 /NDF: 22147.2/85

- sign 176.683 $\pm$ 0.343 χ^2 /NDF: 10798.8/42

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.192 ± 0.048 χ^2/NDF : 625.2/17

Left Out: -0.787 ± 0.017 χ^2/NDF : 1760.7/24

Right Out: -1.369 ± 0.046 χ^2/NDF : 1020.5/19

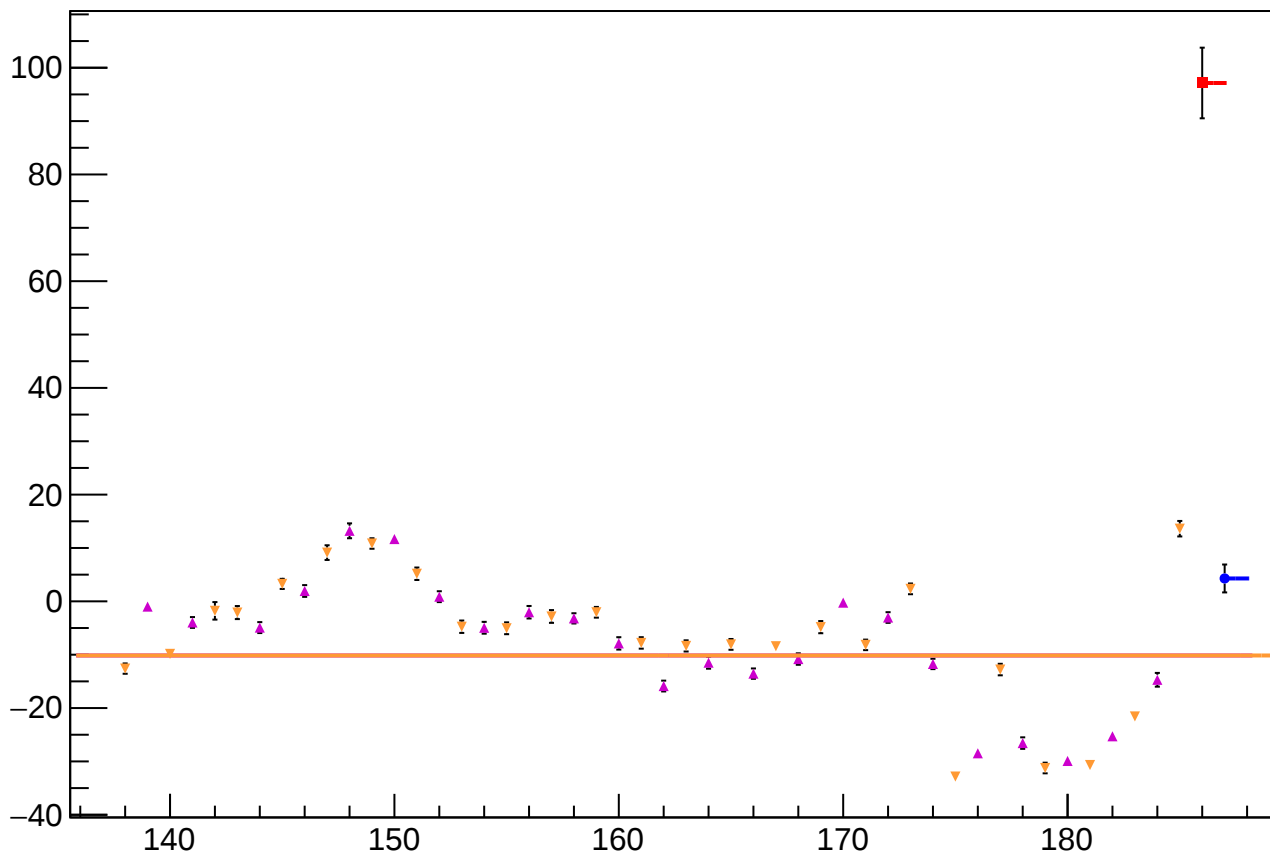
Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

+ sign -0.830 ± 0.016 χ^2/NDF : 2449.6/42

All: -0.806 ± 0.011 χ^2/NDF : 6083.3/85

- sign -0.782 ± 0.016 χ^2/NDF : 3629.0/42

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 4.287 $\pm$ 2.614 χ^2 /NDF: 0.0/0

Left Out: -10.147 $\pm$ 0.202 χ^2 /NDF: 4128.5/24

Right Out: 97.143 $\pm$ 6.619 χ^2 /NDF: 0.0/0

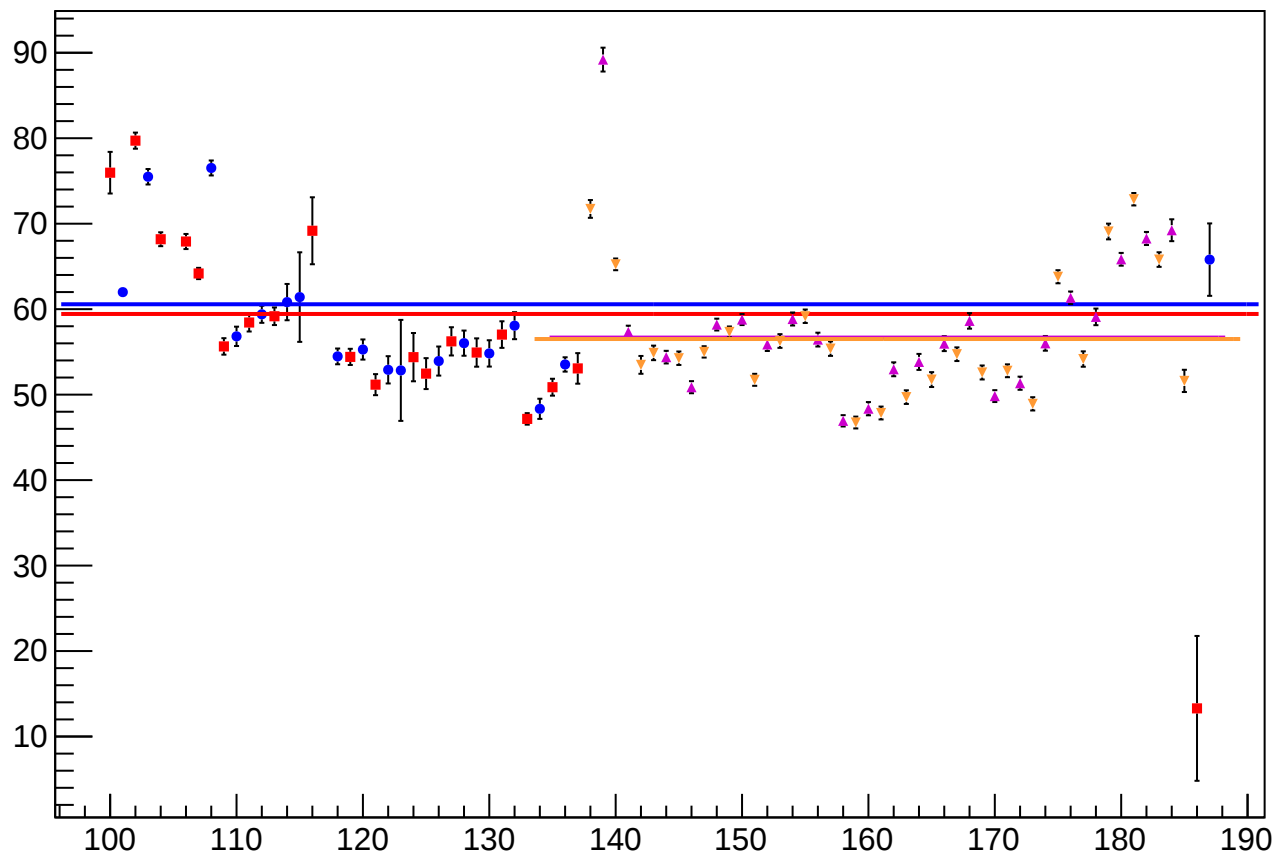
Left In: -10.149 $\pm$ 0.204 χ^2 /NDF: 3491.7/22

+ sign -10.062 $\pm$ 0.201 χ^2 /NDF: 4158.8/25

All: -10.054 $\pm$ 0.143 χ^2 /NDF: 7913.0/49

- sign -10.047 $\pm$ 0.204 χ^2 /NDF: 3754.2/23

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.574 $\pm$ 0.261 χ^2 /NDF: 932.3/17

Left Out: 56.508 $\pm$ 0.159 χ^2 /NDF:1962.3/24

Right Out: 59.438 $\pm$ 0.248 χ^2 /NDF: 1346.7/19

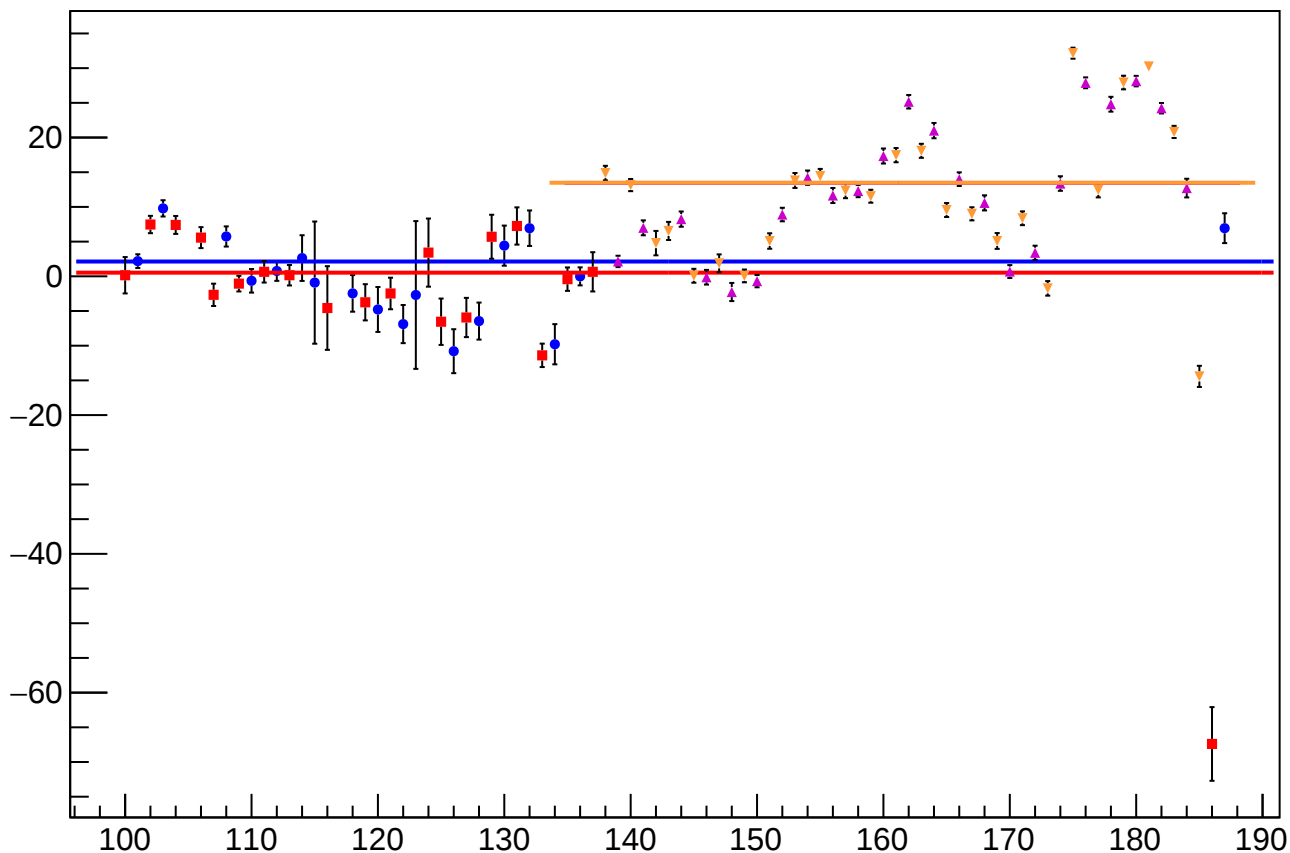
Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

+ sign 57.611 $\pm$ 0.136 χ^2 /NDF: 3071.4/42

All: 57.566 $\pm$ 0.097 χ^2 /NDF: 6184.4/85

- sign 57.521 $\pm$ 0.137 χ^2 /NDF: 3112.7/42

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 2.132 $\pm$ 0.448 χ^2 /NDF: 126.8/17

Left Out: 13.485 $\pm$ 0.202 χ^2 /NDF: 2731.0/24

Right Out: 0.527 $\pm$ 0.423 χ^2 /NDF: 314.1/19

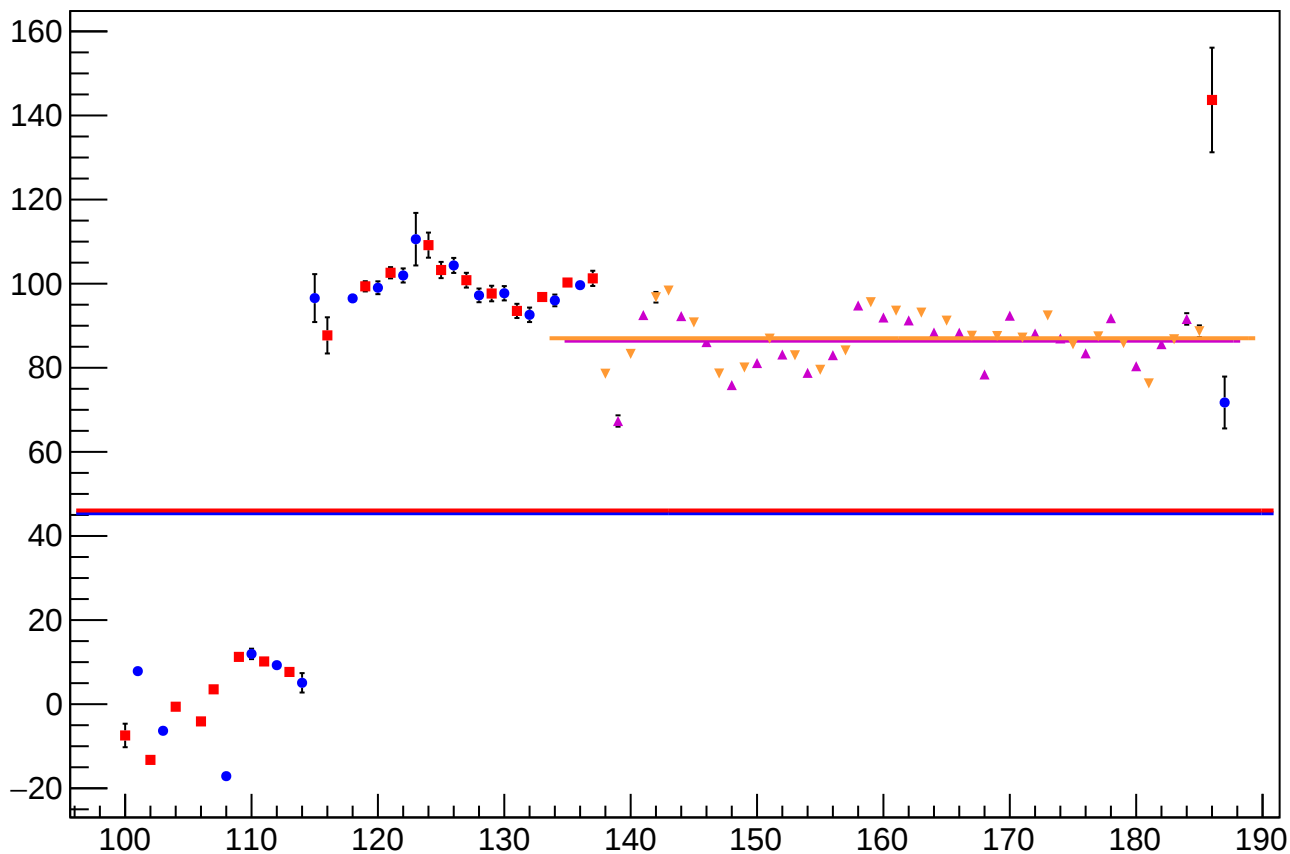
Left In: 13.456 $\pm$ 0.203 χ^2 /NDF: 2371.9/22

+ sign 11.567 $\pm$ 0.184 χ^2 /NDF: 3392.2/42

All: 11.299 $\pm$ 0.130 χ^2 /NDF: 6842.1/85

- sign 11.033 $\pm$ 0.183 χ^2 /NDF: 3445.7/42

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.407 $\pm$ 0.303 χ^2 /NDF: 25089.3/17

Left Out: 87.023 $\pm$ 0.179 χ^2 /NDF:1057.2/24

Right Out: 46.060 $\pm$ 0.289 χ^2 /NDF: 28281.5/19

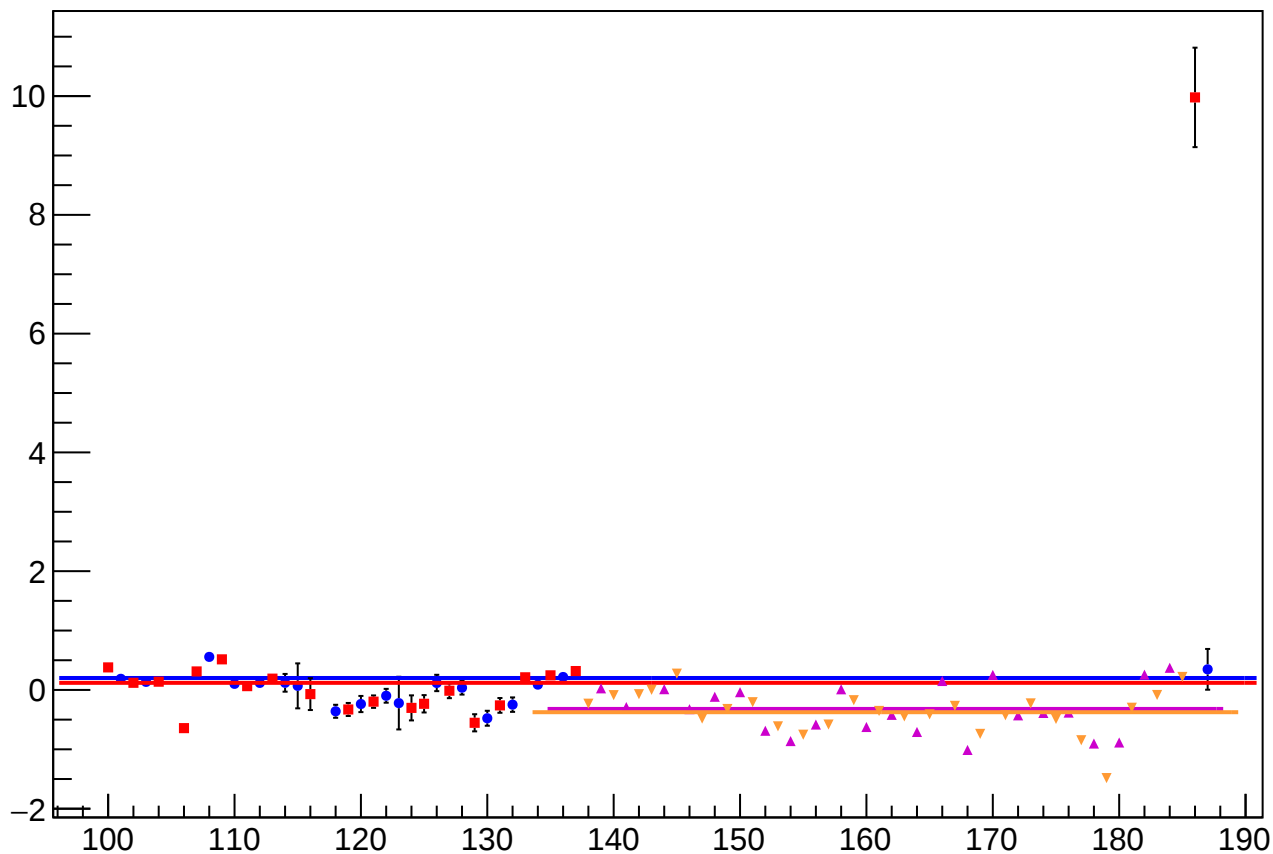
Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

+ sign 76.207 $\pm$ 0.154 χ^2 /NDF: 40119.2/42

All: 75.516 $\pm$ 0.109 χ^2 /NDF: 83347.2/85

- sign 74.818 $\pm$ 0.155 χ^2 /NDF: 43187.7/42

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 218.0/17

Left Out: -0.375 ± 0.008 χ^2/NDF : 1657.5/24

Right Out: 0.120 ± 0.013 χ^2/NDF : 638.7/19

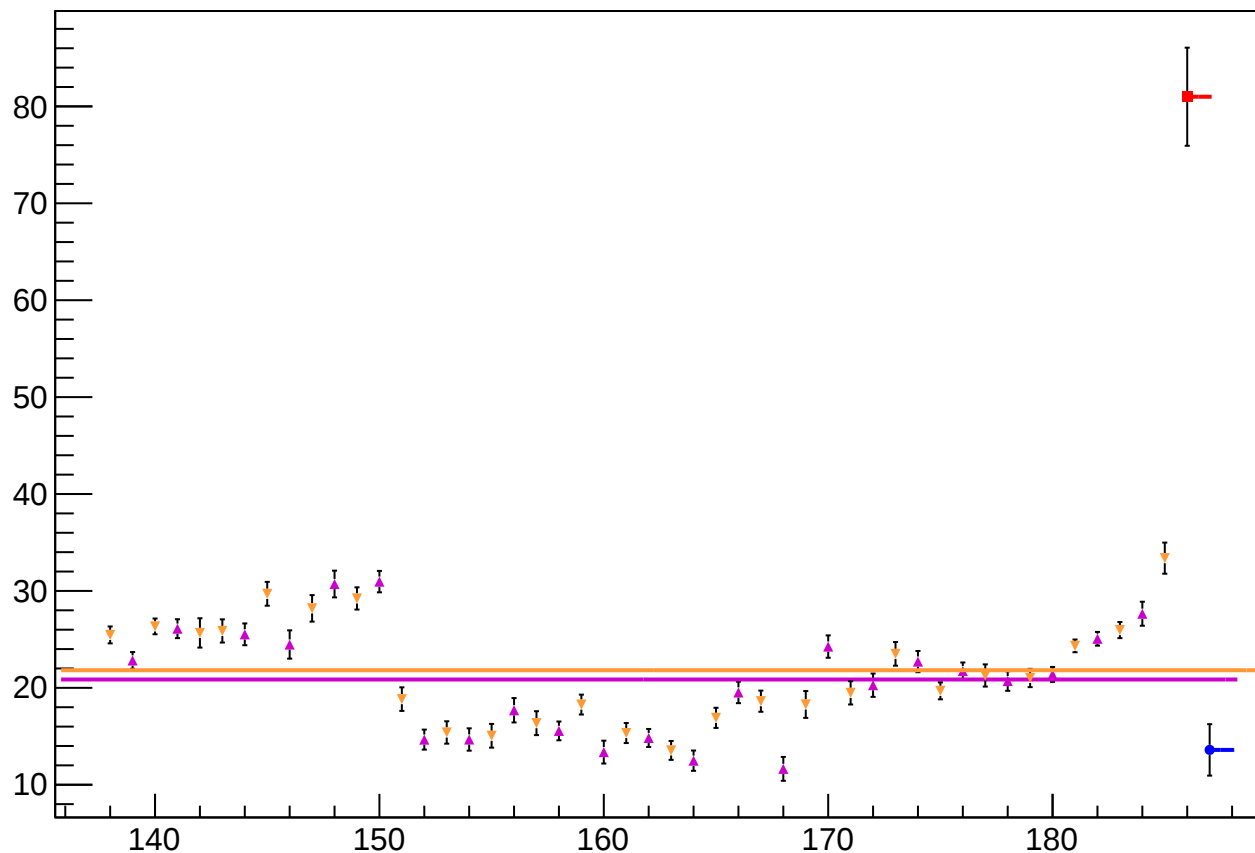
Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

+ sign -0.230 ± 0.007 χ^2/NDF : 3138.3/42

All: -0.213 ± 0.005 χ^2/NDF : 6933.4/85

- sign -0.196 ± 0.007 χ^2/NDF : 3783.5/42

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 13.595 $\pm$ 2.654 χ^2 /NDF: 0.0/0

Left Out: 21.818 $\pm$ 0.210 χ^2 /NDF: 522.7/24

Right Out: 80.998 $\pm$ 5.062 χ^2 /NDF: 0.0/0

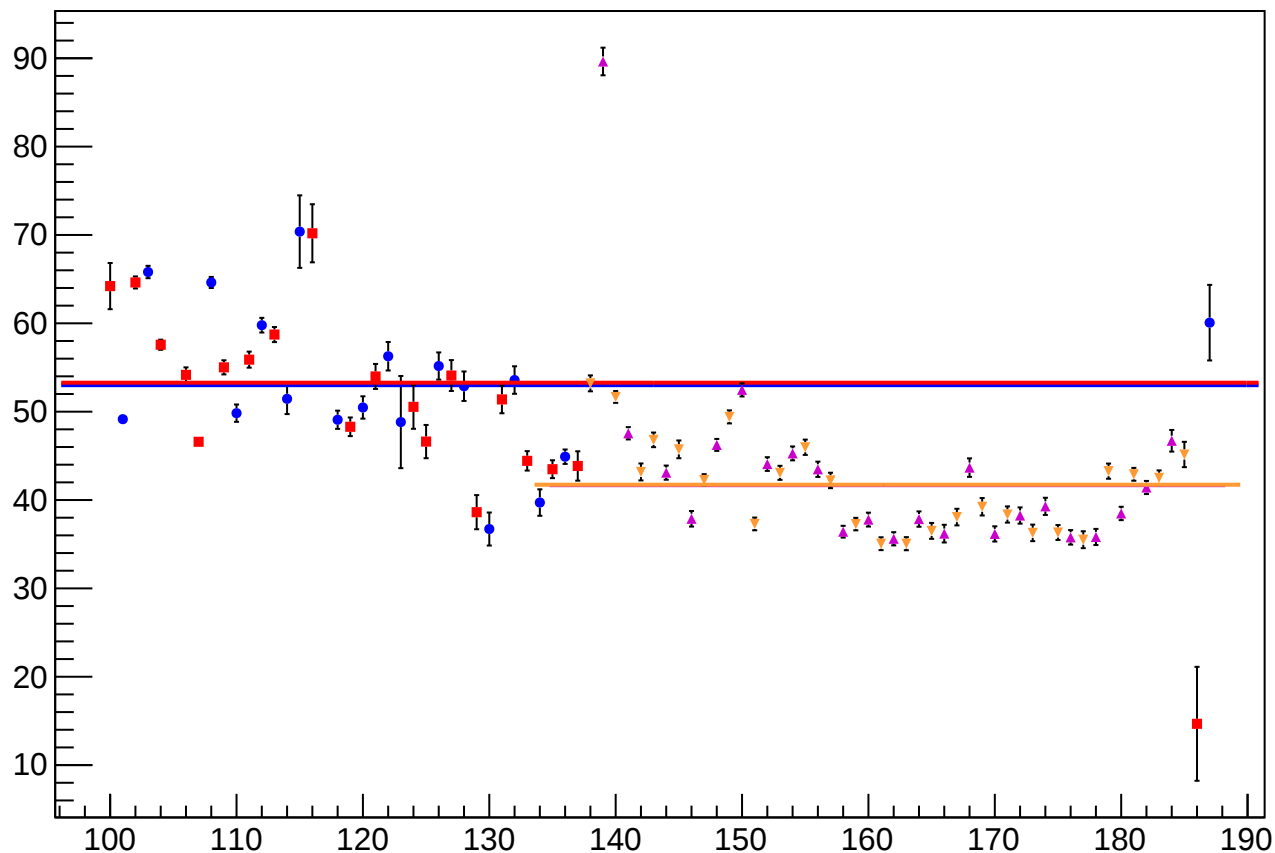
Left In: 20.860 $\pm$ 0.216 χ^2 /NDF: 575.5/22

+ sign 21.767 $\pm$ 0.210 χ^2 /NDF: 532.2/25

All: 21.379 $\pm$ 0.150 χ^2 /NDF: 1255.7/49

- sign 20.969 $\pm$ 0.215 χ^2 /NDF: 716.4/23

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.998 $\pm$ 0.210 χ^2 /NDF: 1200.5/17

Left Out: 41.732 $\pm$ 0.166 χ^2 /NDF: 1014.0/24

Right Out: 53.280 $\pm$ 0.227 χ^2 /NDF: 908.6/19

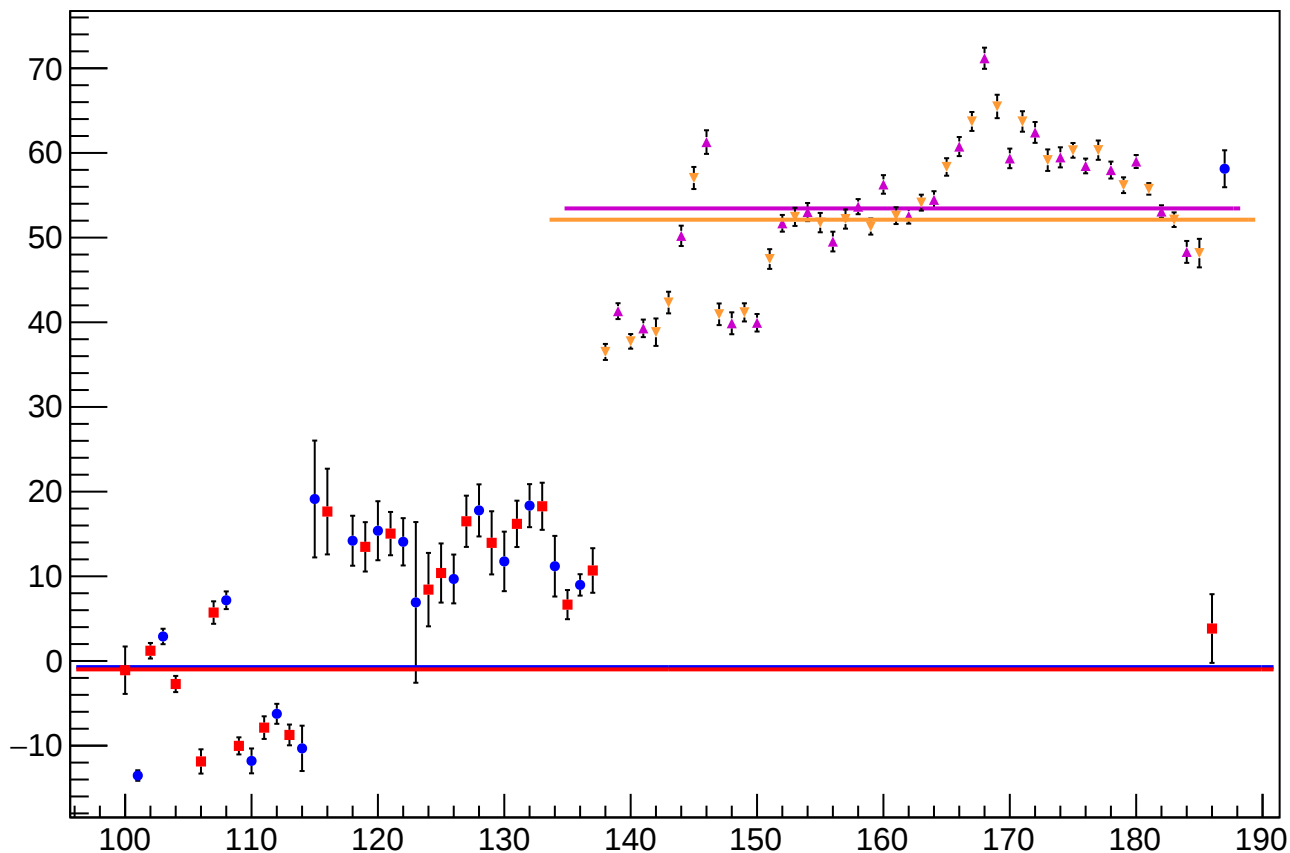
Left In: 41.682 $\pm$ 0.173 χ^2 /NDF: 1715.9/22

+ sign 46.063 $\pm$ 0.130 χ^2 /NDF: 3987.8/42

All: 46.017 $\pm$ 0.095 χ^2 /NDF: 8265.0/85

- sign 45.967 $\pm$ 0.138 χ^2 /NDF: 4276.9/42

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -0.724 ± 0.359 χ^2/NDF : 1588.9/17

Left Out: 52.116 ± 0.210 χ^2/NDF : 1445.4/24

Right Out: -0.993 ± 0.375 χ^2/NDF : 509.2/19

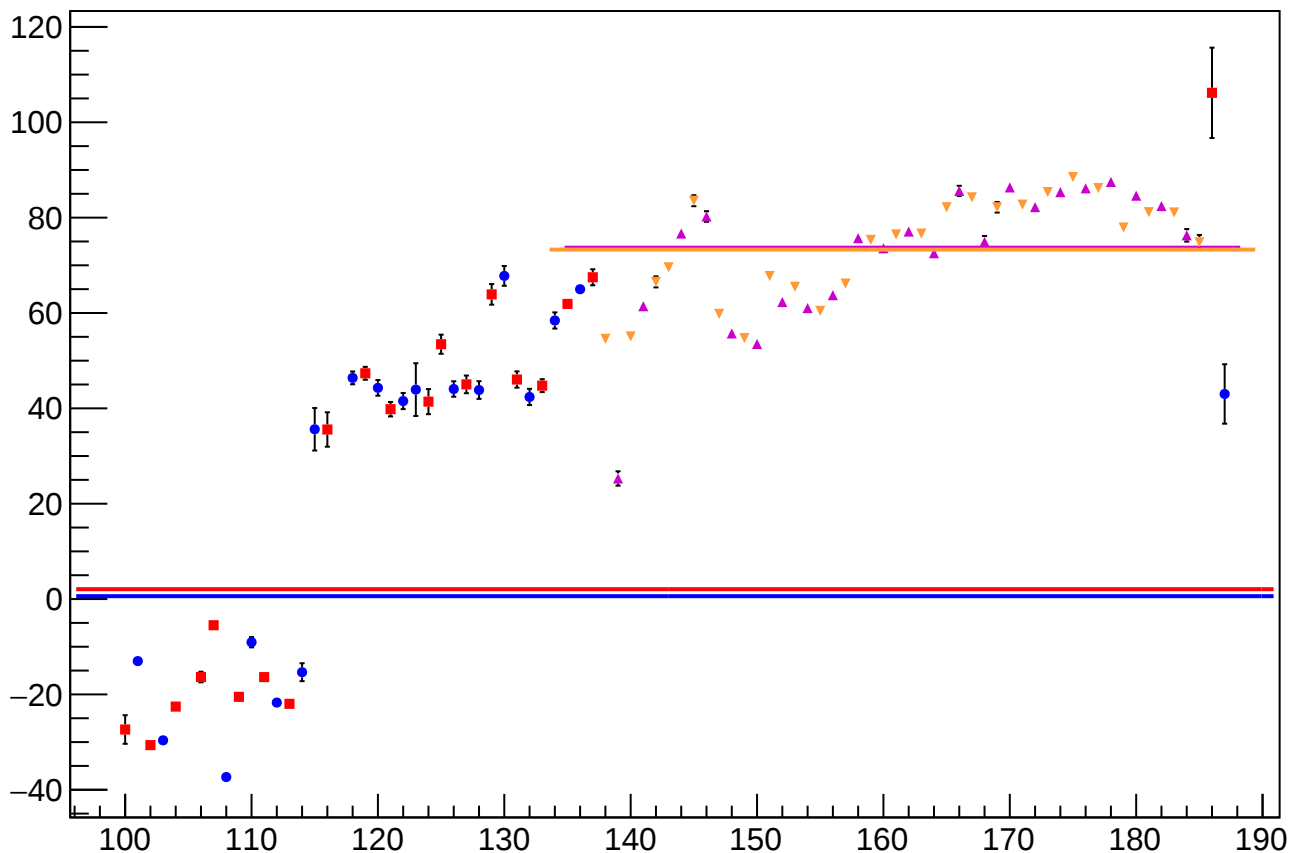
Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

+ sign 38.595 ± 0.182 χ^2/NDF : 19167.3/42

All: 39.304 ± 0.130 χ^2/NDF : 36739.3/85

- sign 40.049 ± 0.186 χ^2/NDF : 17540.8/42

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.608 ± 0.247 $\chi^2/\text{NDF}: 18470.2/17$

Left Out: 73.294 ± 0.187 $\chi^2/\text{NDF}: 3148.2/24$

Right Out: 2.072 ± 0.266 $\chi^2/\text{NDF}: 15597.7/19$

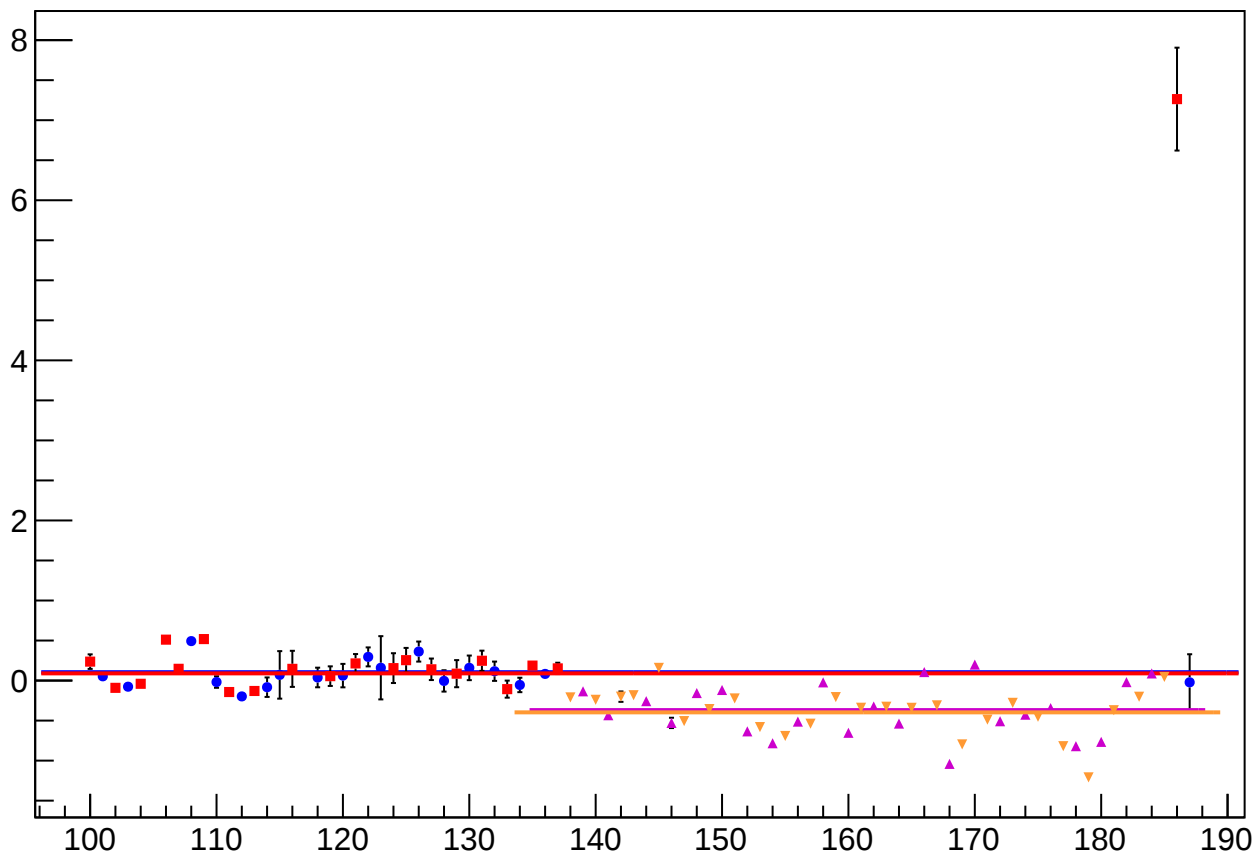
Left In: 73.699 ± 0.194 $\chi^2/\text{NDF}: 3901.1/22$

+ sign 46.682 ± 0.149 $\chi^2/\text{NDF}: 76729.5/42$

All: 47.738 ± 0.108 $\chi^2/\text{NDF}: 143593.3/85$

- sign 48.903 ± 0.157 $\chi^2/\text{NDF}: 66758.5/42$

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.9/17$

Left Out: -0.397 ± 0.009 $\chi^2/\text{NDF}: 943.5/24$

Right Out: 0.090 ± 0.011 $\chi^2/\text{NDF}: 515.6/19$

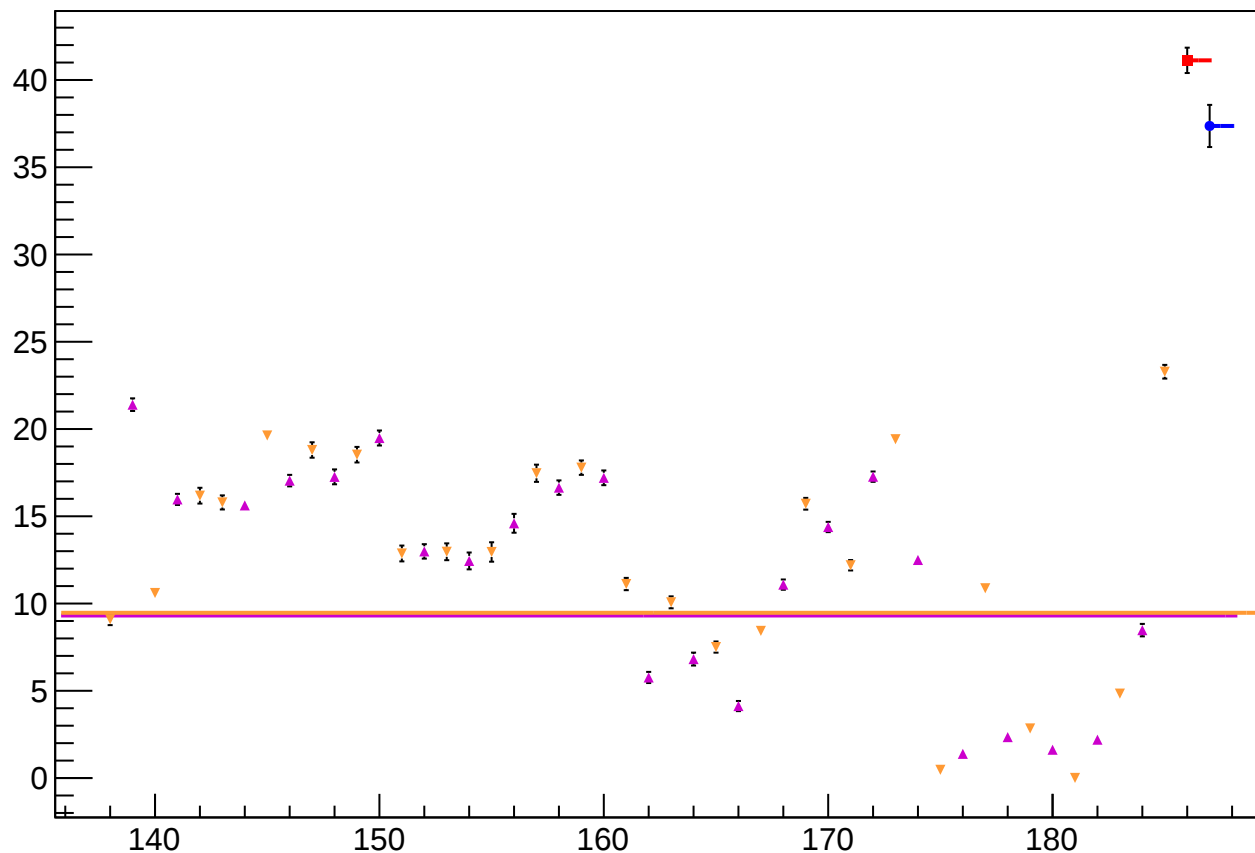
Left In: -0.369 ± 0.009 $\chi^2/\text{NDF}: 1322.7/22$

+ sign -0.208 ± 0.007 $\chi^2/\text{NDF}: 2636.2/42$

All: -0.201 ± 0.005 $\chi^2/\text{NDF}: 5550.9/85$

- sign -0.193 ± 0.007 $\chi^2/\text{NDF}: 2912.2/42$

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 37.366+/-1.208 χ^2/NDF : 0.0/0

Left Out: 9.470+/-0.061 χ^2/NDF :12578.0/24

Right Out: 41.126+/-0.726 χ^2/NDF : 0.0/0

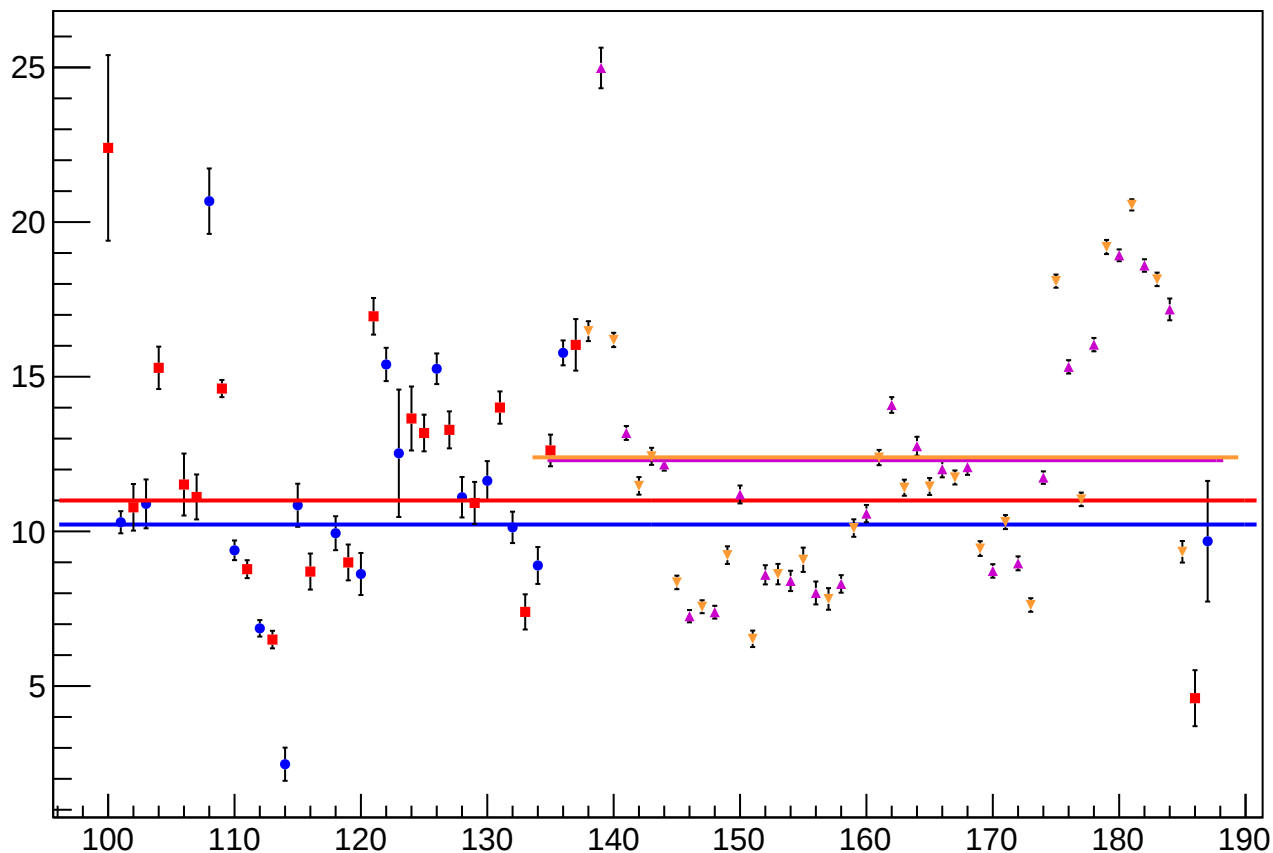
Left In: 9.315+/-0.063 χ^2/NDF :11007.3/22

+ sign 9.541+/-0.061 χ^2/NDF : 13109.9/25

All: 9.546+/-0.044 χ^2/NDF : 26020.4/49

- sign 9.550+/-0.063 χ^2/NDF : 12910.5/23

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.222 $\pm$ 0.119 χ^2/NDF : 877.7/17

Left Out: 12.393 $\pm$ 0.050 χ^2/NDF : 7525.9/24

Right Out: 10.999 $\pm$ 0.115 χ^2/NDF : 867.8/19

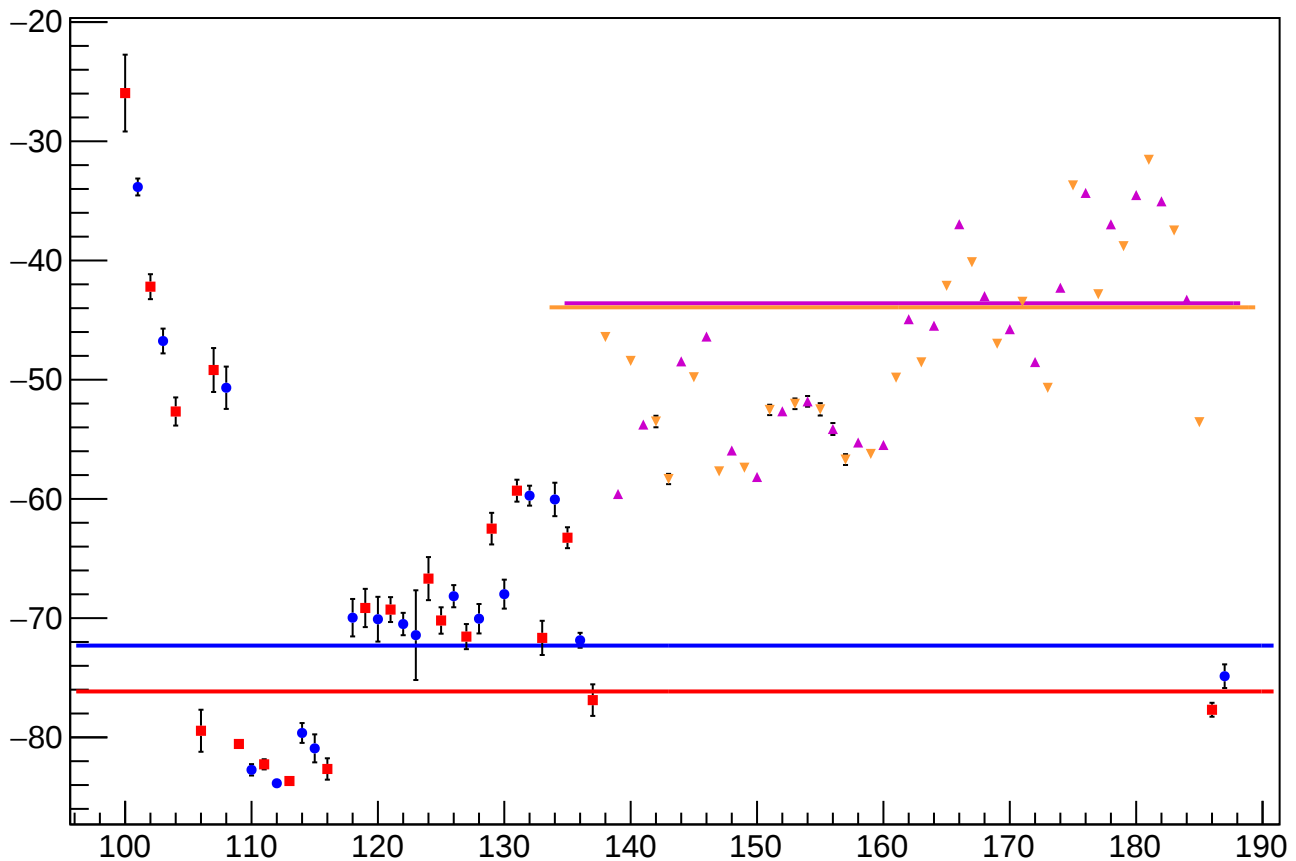
Left In: 12.302 $\pm$ 0.051 χ^2/NDF : 5661.3/22

+ sign 12.068 $\pm$ 0.046 χ^2/NDF : 8688.0/42

All: 12.078 $\pm$ 0.033 χ^2/NDF : 15323.9/85

- sign 12.089 $\pm$ 0.047 χ^2/NDF : 6635.7/42

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.303 ± 0.194 $\chi^2/\text{NDF}: 5573.9/17$

Left Out: -43.930 ± 0.062 $\chi^2/\text{NDF}: 17576.0/24$

Right Out: -76.150 ± 0.173 $\chi^2/\text{NDF}: 3473.0/19$

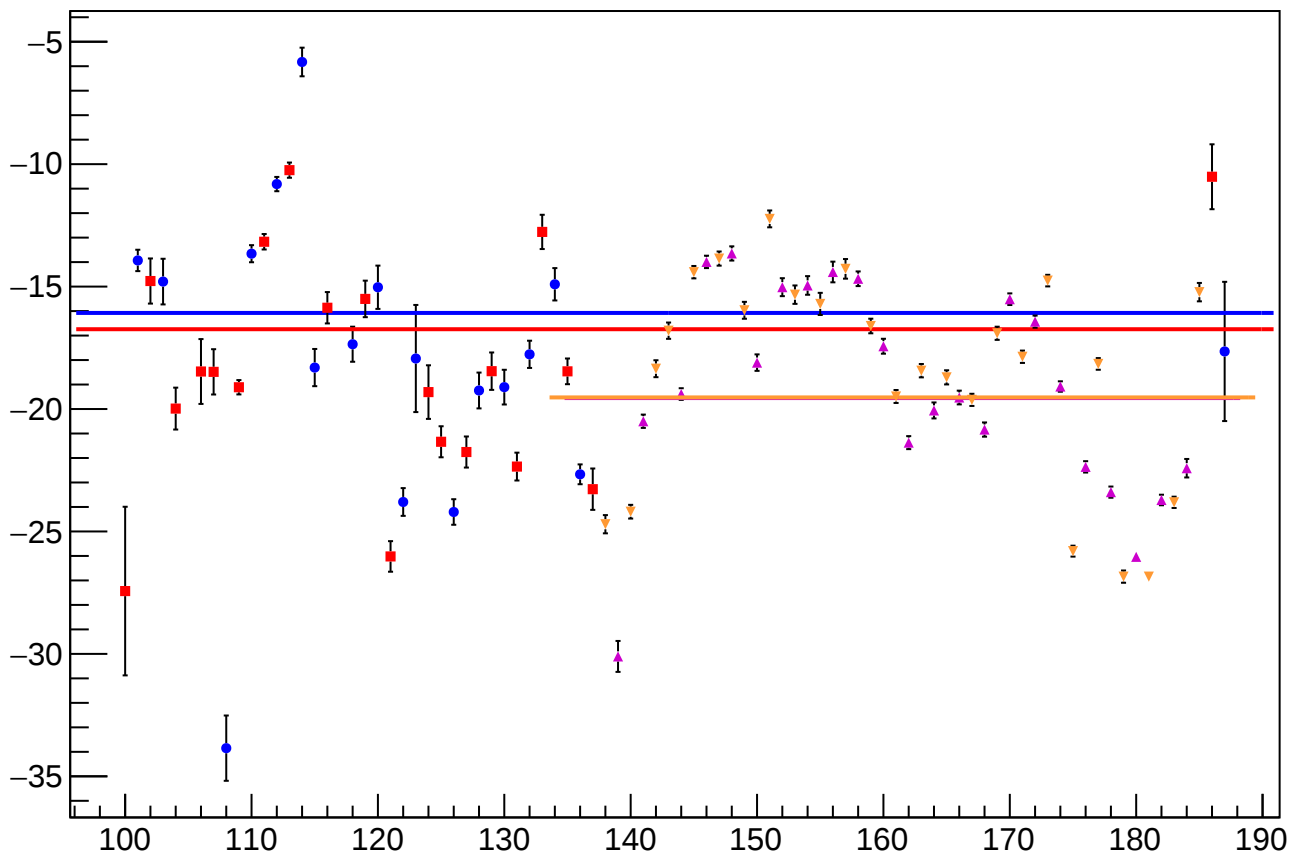
Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

+ sign -46.564 ± 0.059 $\chi^2/\text{NDF}: 42576.5/42$

All: -46.990 ± 0.042 $\chi^2/\text{NDF}: 93048.4/85$

- sign -47.418 ± 0.059 $\chi^2/\text{NDF}: 50367.7/42$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.076 ± 0.132 χ^2/NDF : 1641.2/17

Left Out: -19.526 ± 0.056 χ^2/NDF : 6493.0/24

Right Out: -16.741 ± 0.128 χ^2/NDF : 1238.0/19

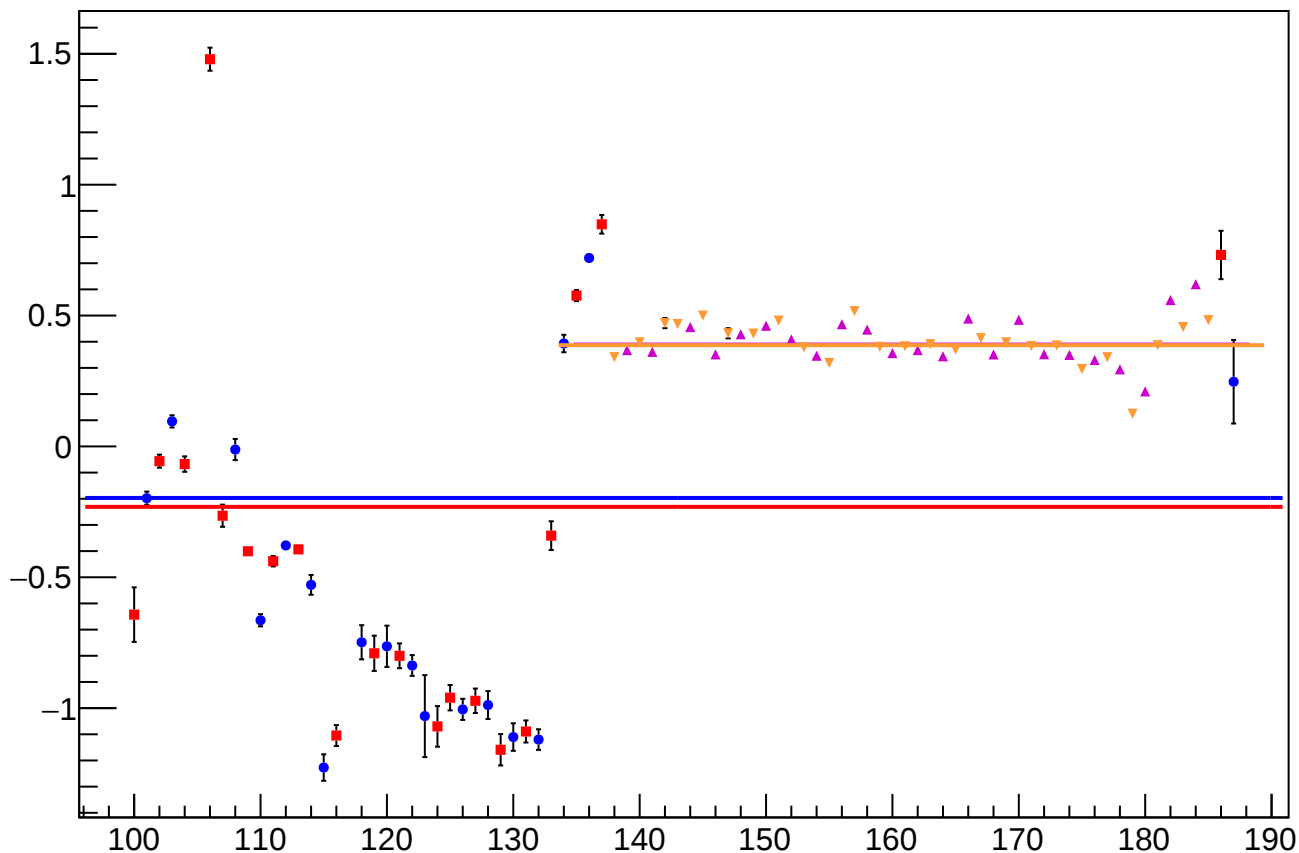
Left In: -19.552 ± 0.057 χ^2/NDF : 4359.1/22

+ sign -19.001 ± 0.051 χ^2/NDF : 8713.9/42

All: -19.041 ± 0.037 χ^2/NDF : 14716.8/85

- sign -19.083 ± 0.052 χ^2/NDF : 6001.7/42

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.197 ± 0.008 χ^2/NDF : 6346.5/17

Left Out: 0.387 ± 0.003 χ^2/NDF : 989.2/24

Right Out: -0.231 ± 0.007 χ^2/NDF : 6331.0/19

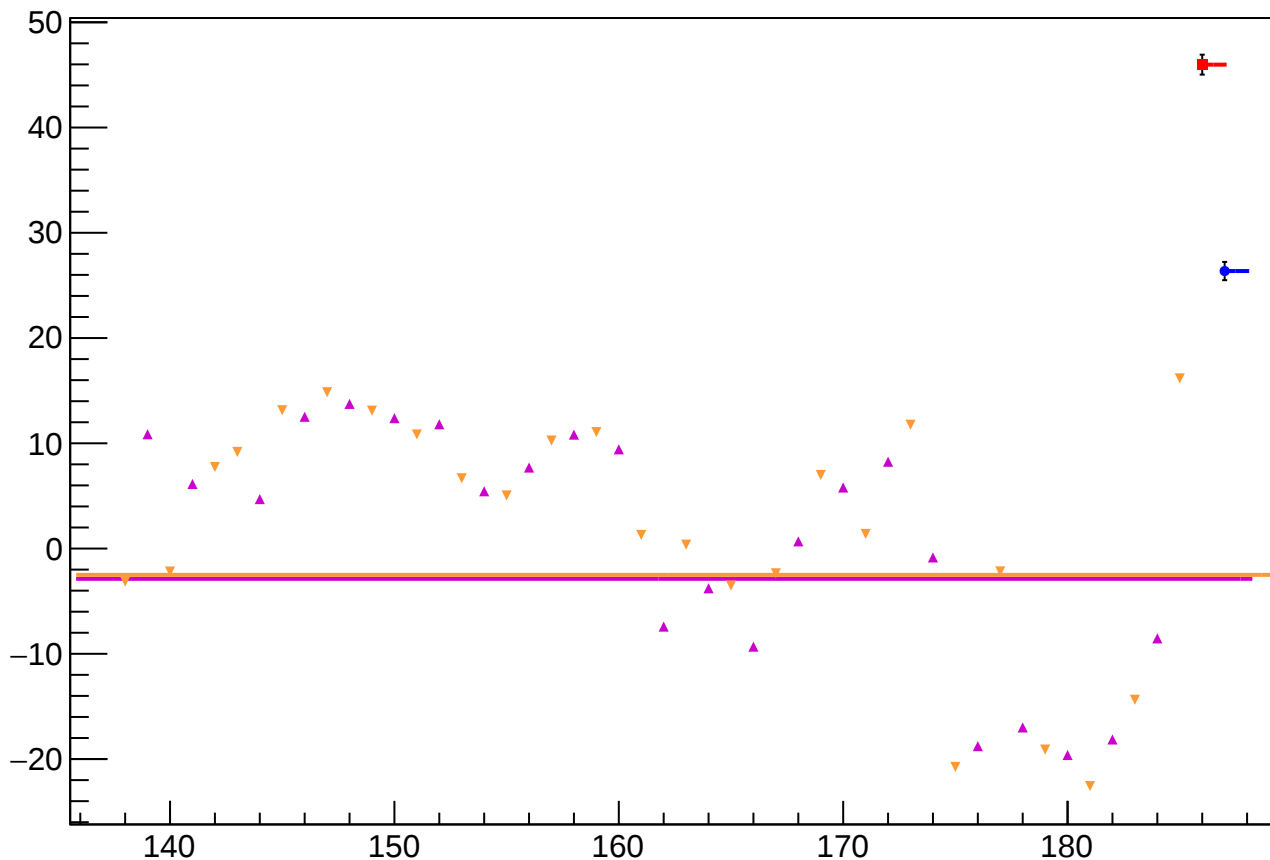
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ sign 0.326 ± 0.002 χ^2/NDF : 12723.1/42

All: 0.321 ± 0.002 χ^2/NDF : 26957.3/85

- sign 0.316 ± 0.002 χ^2/NDF : 14226.0/42

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 26.366 $\pm$ 0.868 χ^2 /NDF: 0.0/0

Left Out: -2.499 $\pm$ 0.053 χ^2 /NDF: 55930.9/24

Right Out: 45.976 $\pm$ 0.947 χ^2 /NDF: 0.0/0

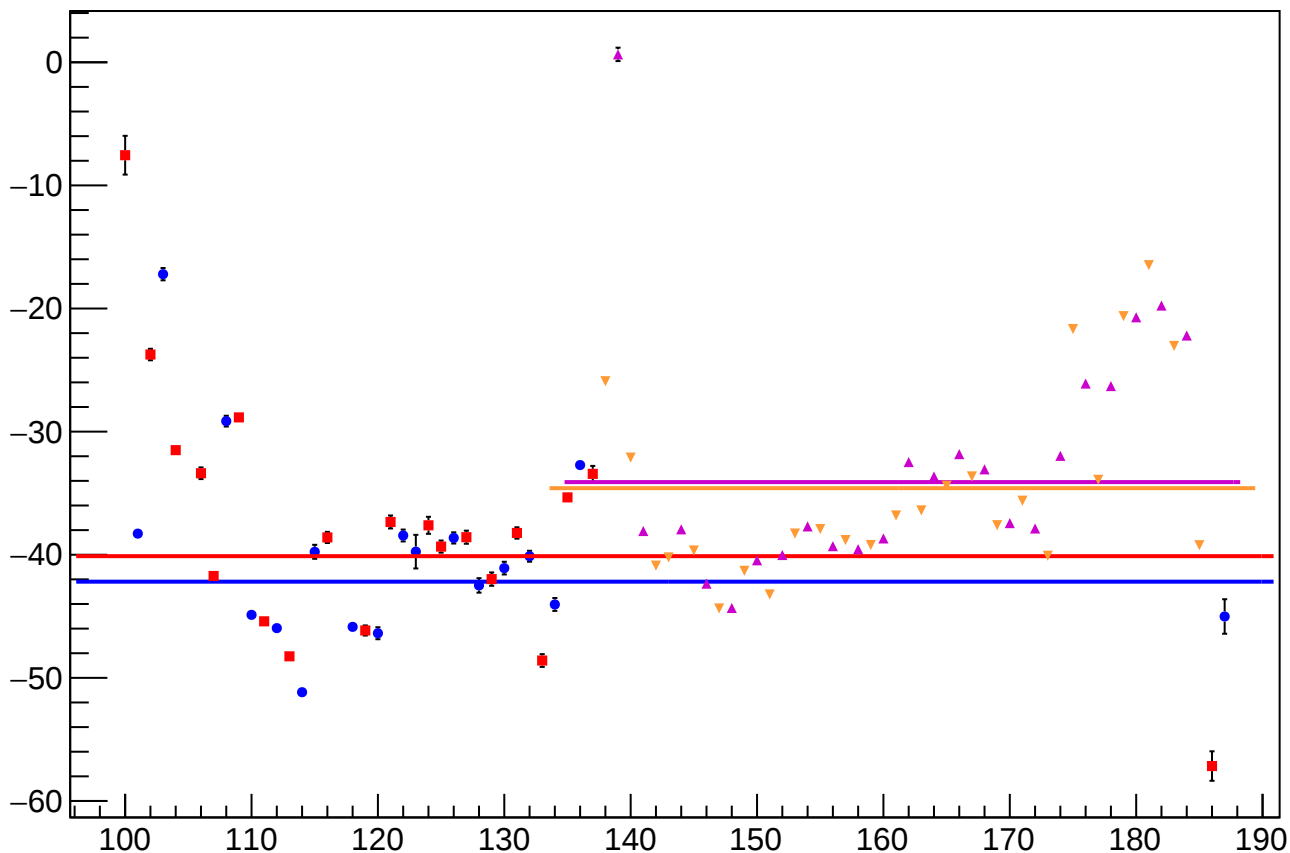
Left In: -2.876 $\pm$ 0.055 χ^2 /NDF: 46380.9/22

+ sign -2.392 $\pm$ 0.053 χ^2 /NDF: 57032.8/25

All: -2.548 $\pm$ 0.038 χ^2 /NDF: 106081.6/49

- sign -2.714 $\pm$ 0.055 χ^2 /NDF: 49030.8/23

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.187 ± 0.078 $\chi^2/\text{NDF}: 6577.8/17$

Left Out: -34.594 ± 0.042 $\chi^2/\text{NDF}: 34404.6/24$

Right Out: -40.115 ± 0.073 $\chi^2/\text{NDF}: 11516.9/19$

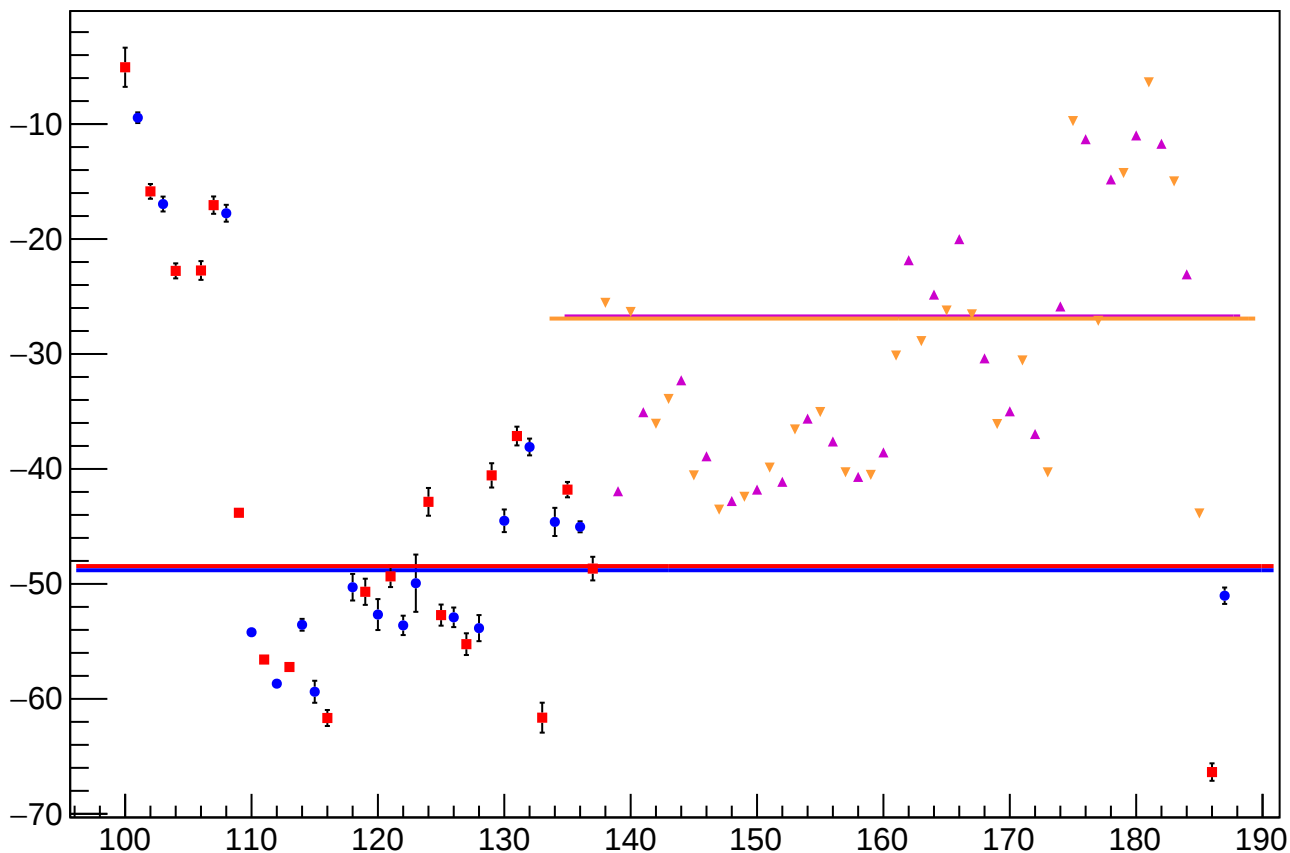
Left In: -34.099 ± 0.044 $\chi^2/\text{NDF}: 29370.6/22$

+ sign -36.310 ± 0.037 $\chi^2/\text{NDF}: 48384.9/42$

All: -36.013 ± 0.026 $\chi^2/\text{NDF}: 94430.0/85$

- sign -35.705 ± 0.038 $\chi^2/\text{NDF}: 45913.2/42$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.810 ± 0.123 $\chi^2/\text{NDF}: 14668.5/17$

Left Out: -26.920 ± 0.053 $\chi^2/\text{NDF}: 49198.9/24$

Right Out: -48.448 ± 0.106 $\chi^2/\text{NDF}: 12299.6/19$

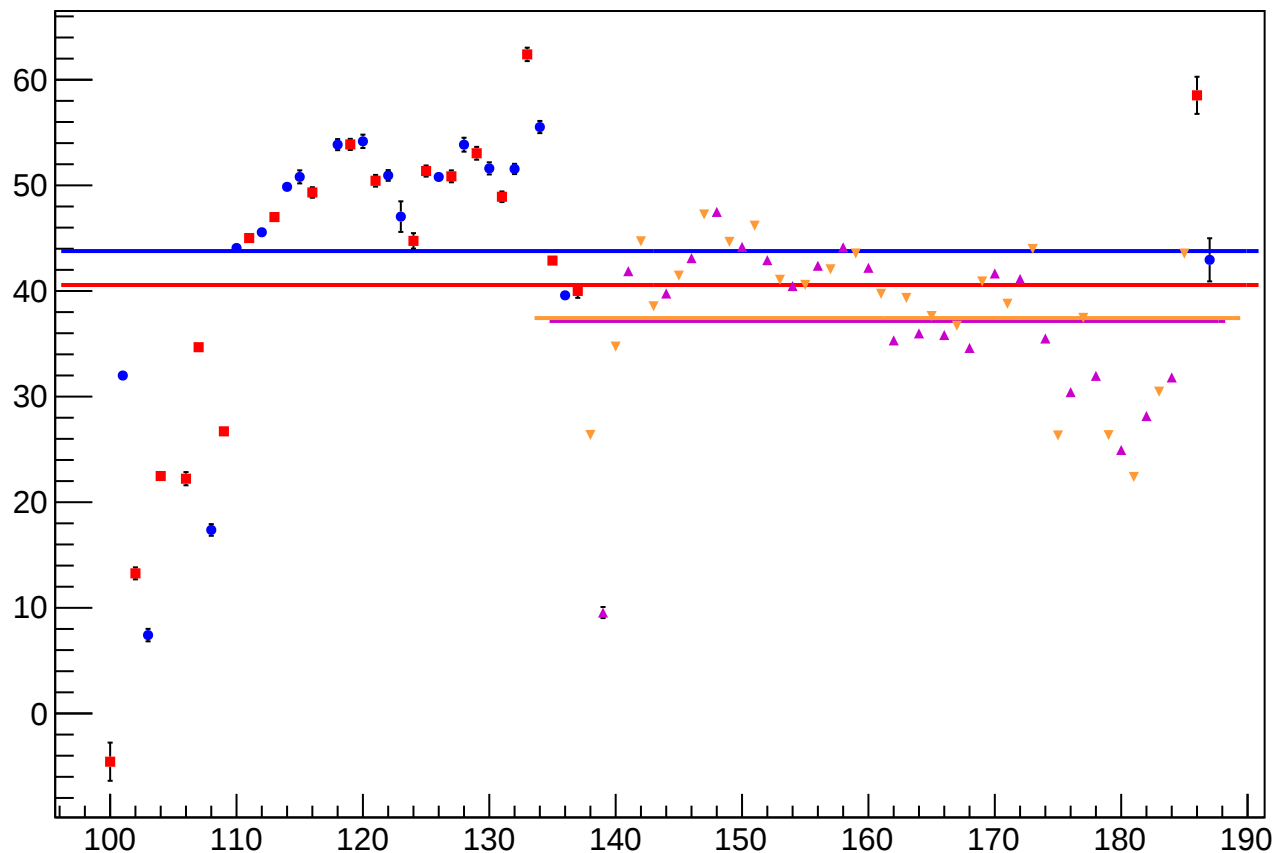
Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

+ sign -30.404 ± 0.049 $\chi^2/\text{NDF}: 90683.8/42$

All: -30.850 ± 0.034 $\chi^2/\text{NDF}: 178845.7/85$

- sign -31.292 ± 0.049 $\chi^2/\text{NDF}: 87996.6/42$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.781 $\pm$ 0.087 χ^2 /NDF: 10638.9/17

Left Out: 37.435 $\pm$ 0.047 χ^2 /NDF:21517.4/24

Right Out: 40.568 $\pm$ 0.080 χ^2 /NDF: 17685.2/19

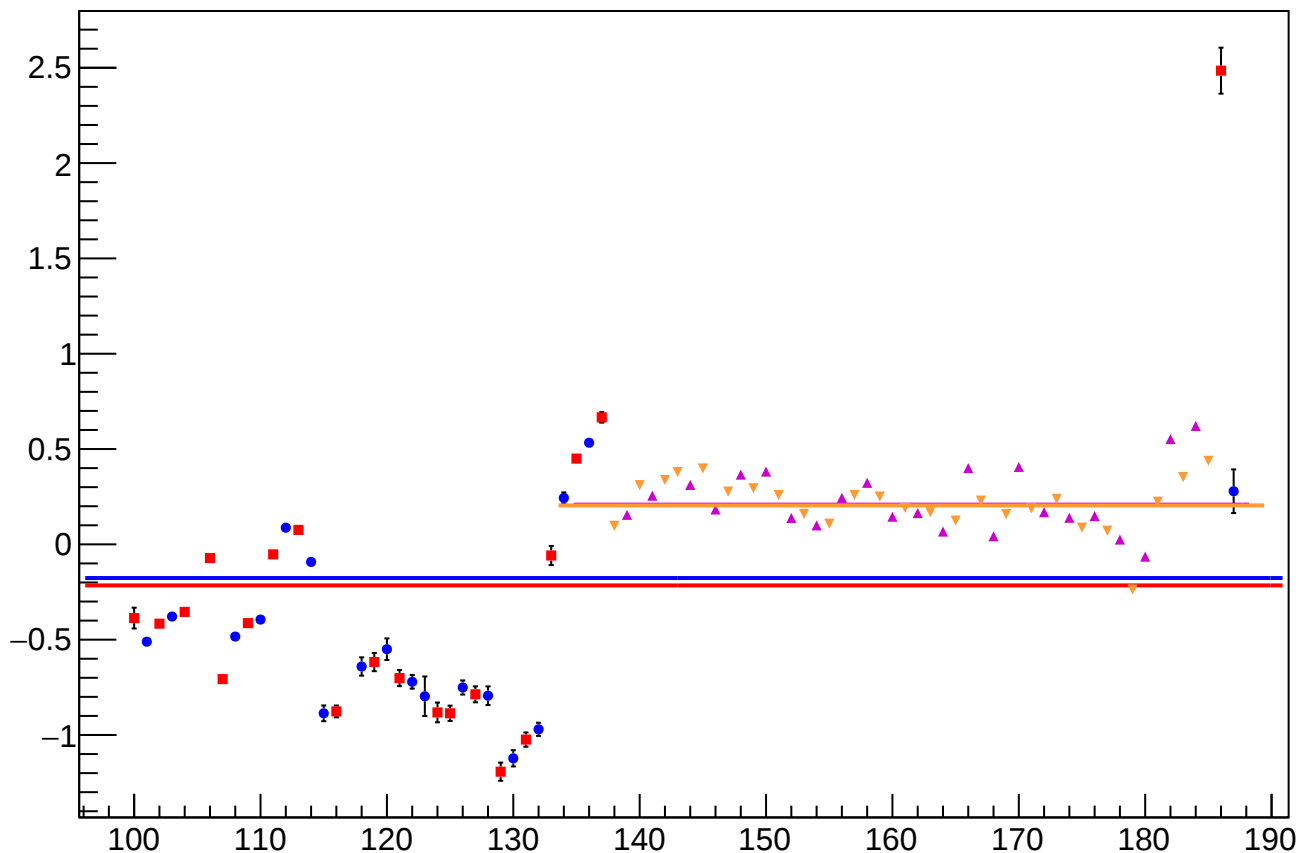
Left In: 37.164 $\pm$ 0.049 χ^2 /NDF:17427.3/22

+ sign 38.896 $\pm$ 0.042 χ^2 /NDF: 36294.4/42

All: 38.498 $\pm$ 0.029 χ^2 /NDF: 72903.9/85

- sign 38.094 $\pm$ 0.042 χ^2 /NDF: 36424.9/42

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.005 χ^2/NDF : 7391.7/17

Left Out: 0.204 ± 0.002 χ^2/NDF : 3801.8/24

Right Out: -0.215 ± 0.004 χ^2/NDF : 7972.1/19

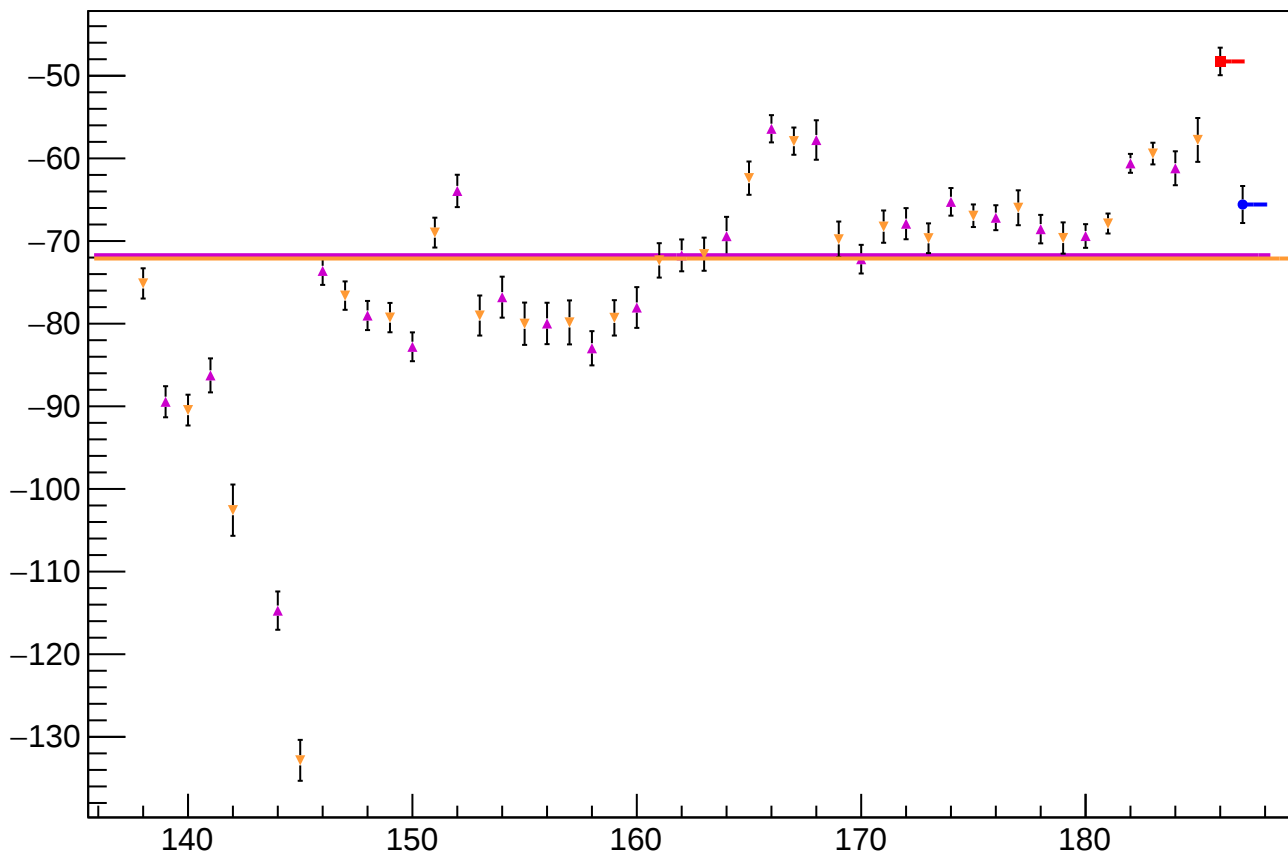
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.140 ± 0.002 χ^2/NDF : 16360.6/42

All: 0.129 ± 0.001 χ^2/NDF : 37134.5/85

- sign 0.118 ± 0.002 χ^2/NDF : 20713.6/42

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -65.579 ± 2.239 χ^2/NDF : 0.0/0

Left Out: -72.115 ± 0.383 χ^2/NDF : 1125.2/23

Right Out: -48.267 ± 1.666 χ^2/NDF : 0.0/0

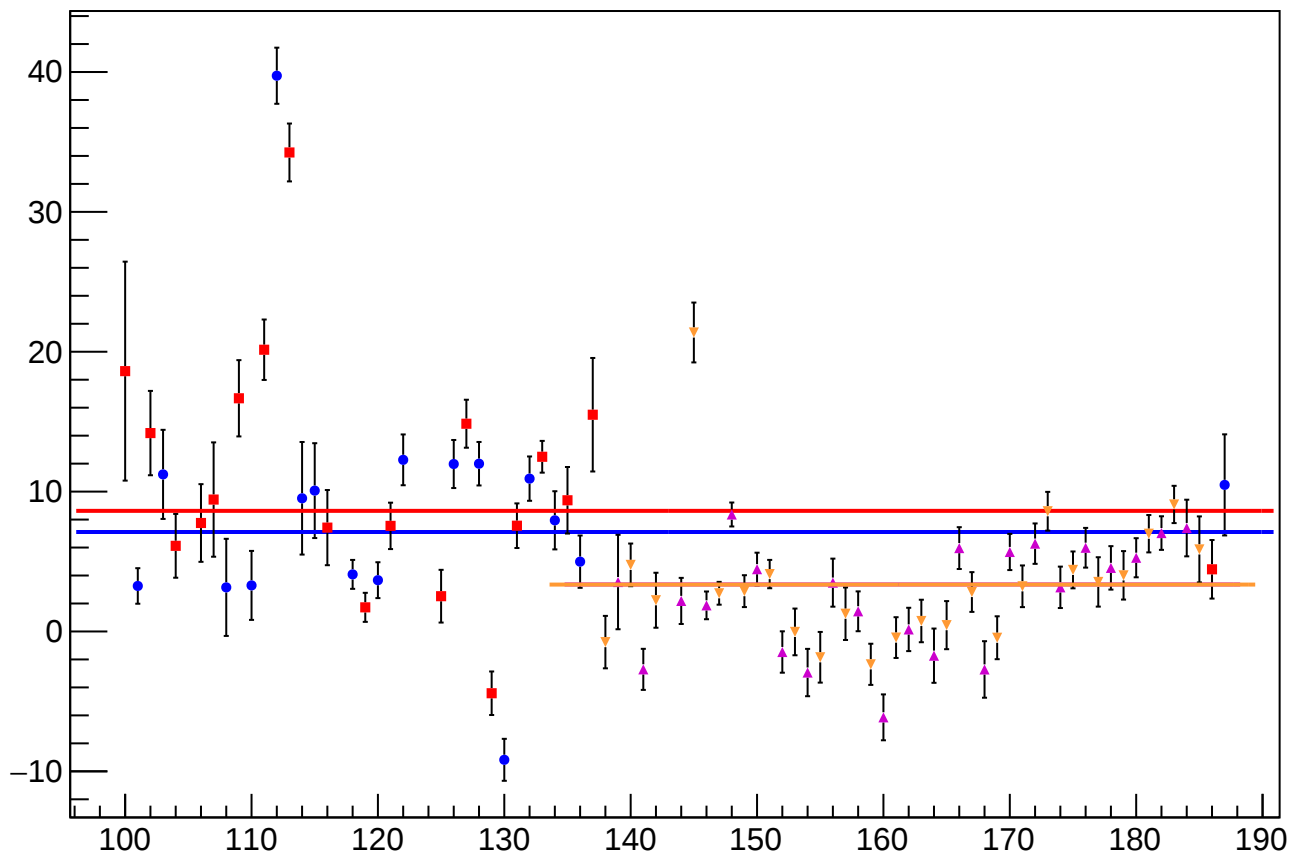
Left In: -71.713 ± 0.380 χ^2/NDF : 884.6/22

+ sign -71.930 ± 0.377 χ^2/NDF : 1133.4/24

All: -71.229 ± 0.264 χ^2/NDF : 2213.1/48

- sign -70.552 ± 0.371 χ^2/NDF : 1072.9/23

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.112 $\pm$ 0.430 χ^2/NDF : 447.7/16

Left Out: 3.353 $\pm$ 0.295 χ^2/NDF :167.8/23

Right Out: 8.623 $\pm$ 0.439 χ^2/NDF : 354.5/18

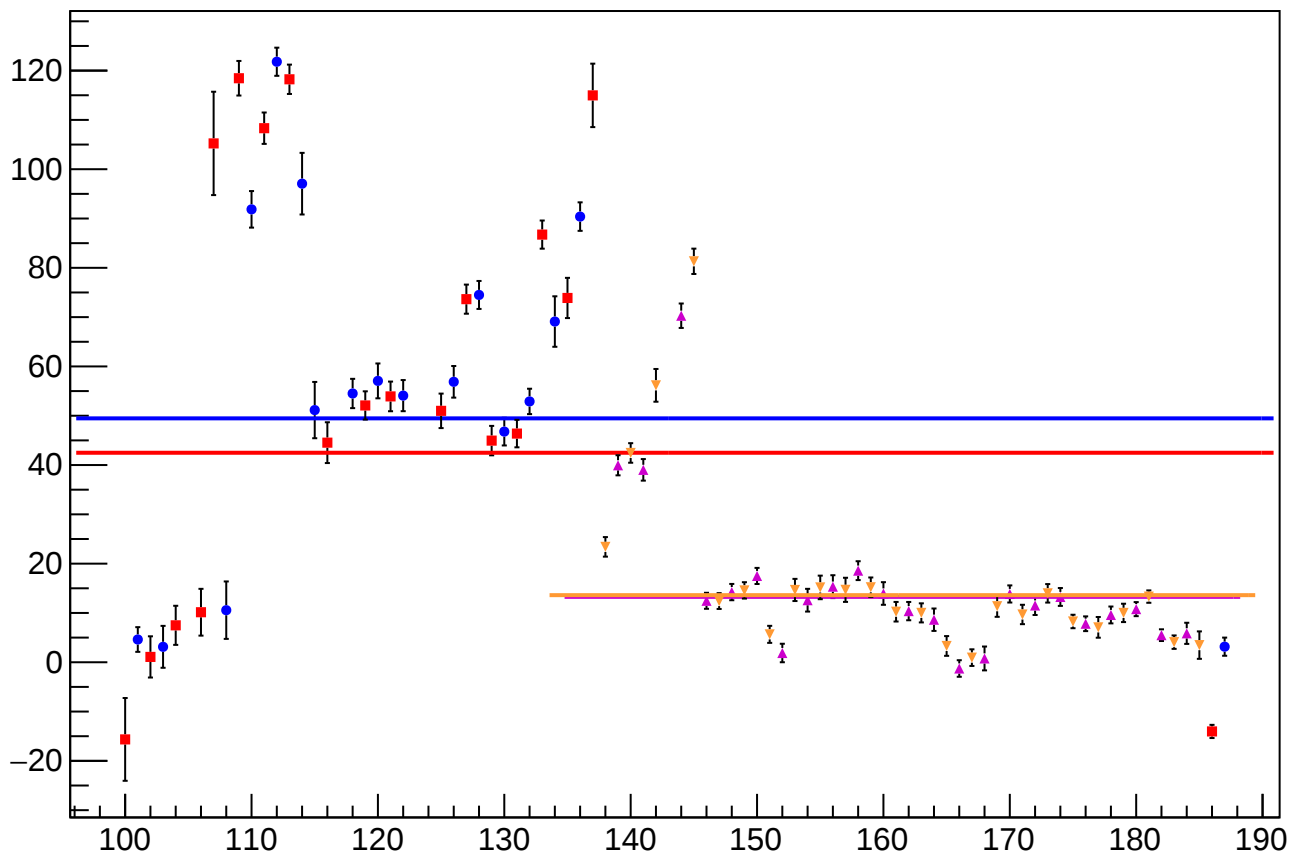
Left In: 3.360 $\pm$ 0.298 χ^2/NDF :164.5/22

+ sign 4.552 $\pm$ 0.243 χ^2/NDF : 667.5/40

All: 4.781 $\pm$ 0.173 χ^2/NDF : 1286.9/82

- sign 5.017 $\pm$ 0.246 χ^2/NDF : 617.6/41

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 49.467 $\pm$ 0.758 χ^2 /NDF: 2258.6/16

Left Out: 13.610 $\pm$ 0.382 χ^2 /NDF:1303.3/23

Right Out: 42.492 $\pm$ 0.711 χ^2 /NDF: 4209.5/18

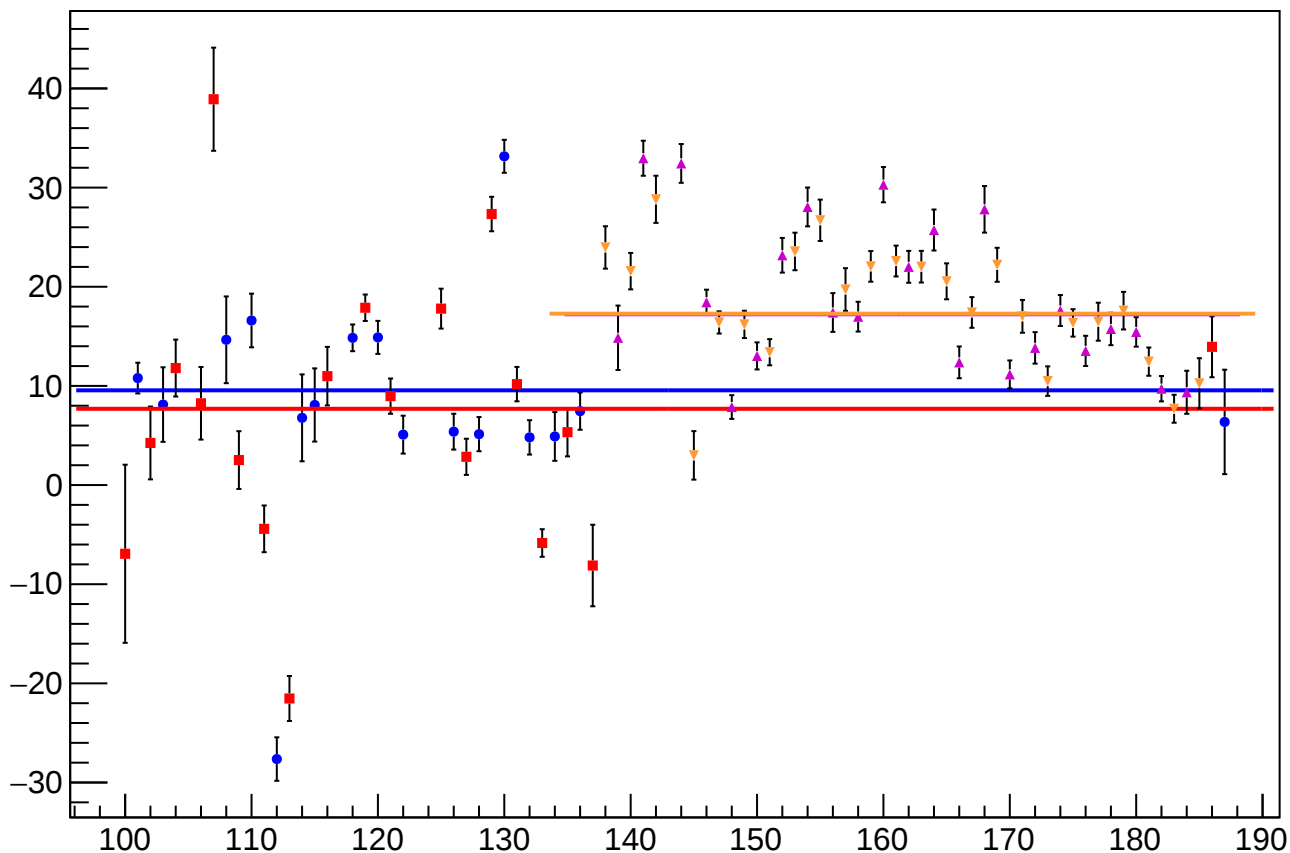
Left In: 13.262 $\pm$ 0.379 χ^2 /NDF:1077.0/22

+ sign 20.868 $\pm$ 0.341 χ^2 /NDF: 5348.1/40

All: 20.278 $\pm$ 0.239 χ^2 /NDF: 11955.9/82

- sign 19.710 $\pm$ 0.334 χ^2 /NDF: 6601.9/41

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.554 ± 0.499 χ^2/NDF : 554.8/16

Left Out: 17.285 ± 0.337 χ^2/NDF : 244.0/23

Right Out: 7.692 ± 0.509 χ^2/NDF : 574.1/18

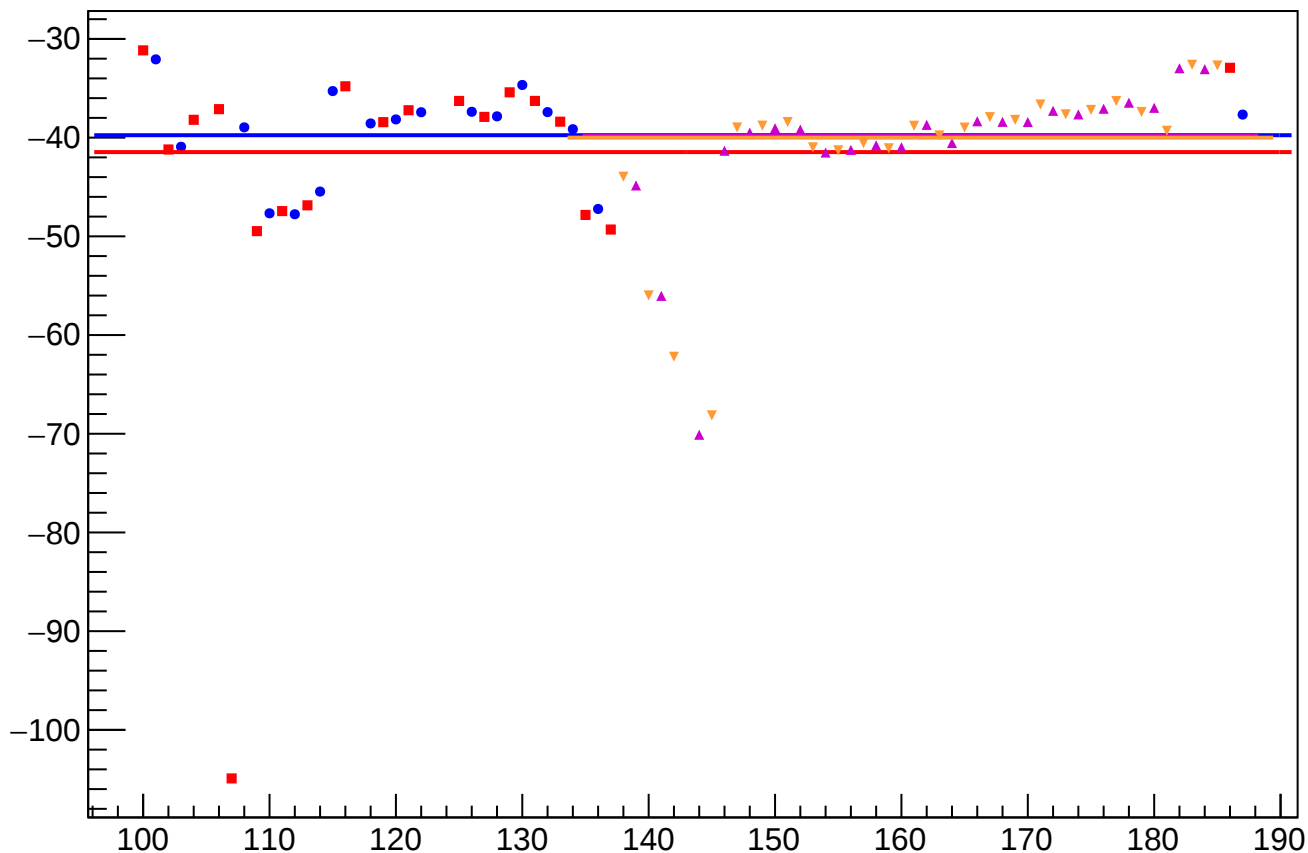
Left In: 17.224 ± 0.339 χ^2/NDF : 442.2/22

+ sign 14.863 ± 0.279 χ^2/NDF : 963.7/40

All: 14.583 ± 0.198 χ^2/NDF : 2225.5/82

- sign 14.298 ± 0.282 χ^2/NDF : 1259.7/41

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.754 ± 0.031 χ^2/NDF : 26208.5/16

Left Out: -40.002 ± 0.016 χ^2/NDF : 172150.1/23

Right Out: -41.465 ± 0.031 χ^2/NDF : 96121.5/18

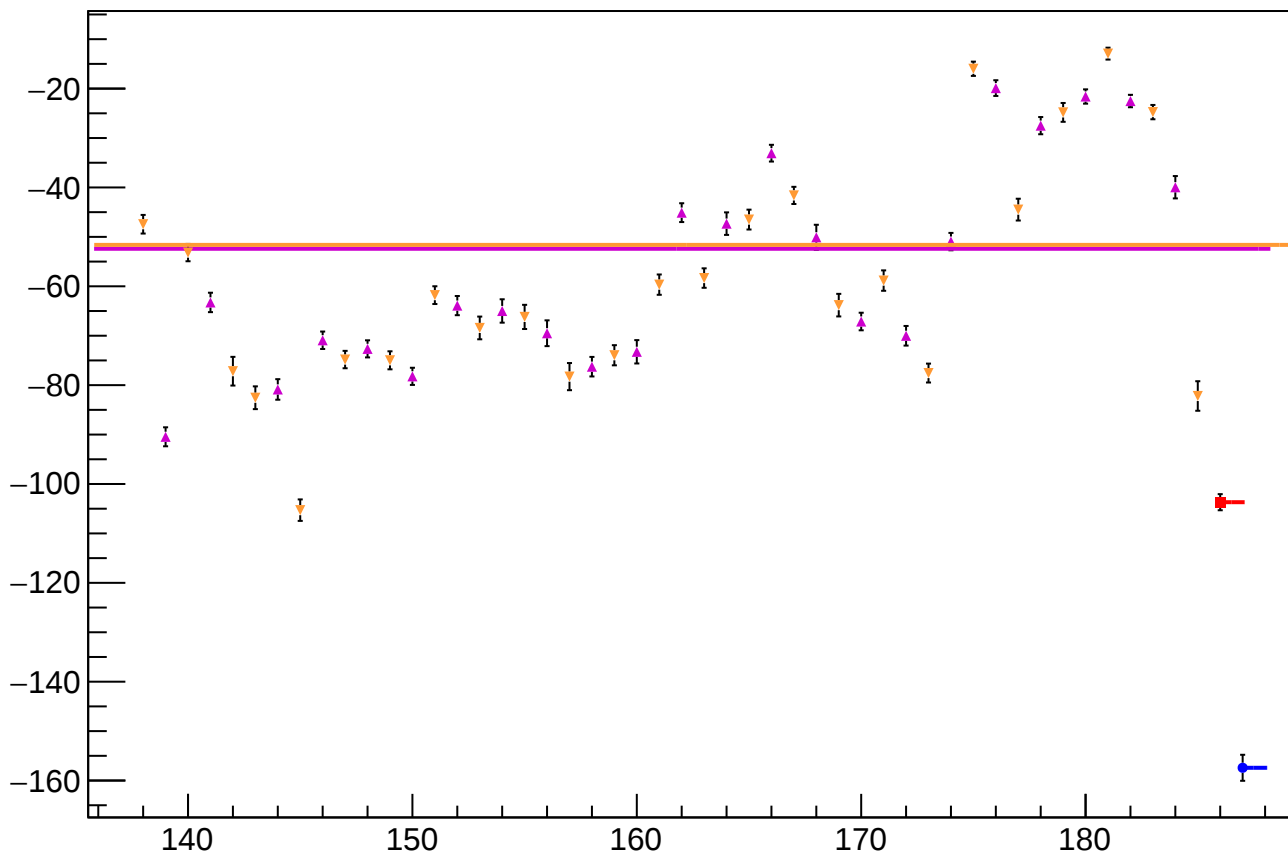
Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

+ sign -39.951 ± 0.014 χ^2/NDF : 198409.7/40

All: -40.051 ± 0.010 χ^2/NDF : 442707.1/82

- sign -40.149 ± 0.014 χ^2/NDF : 244196.7/41

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -157.422 ± 2.632 χ^2/NDF : 0.0/0

Left Out: -51.622 ± 0.383 χ^2/NDF : 4133.0/24

Right Out: -103.683 ± 1.632 χ^2/NDF : 0.0/0

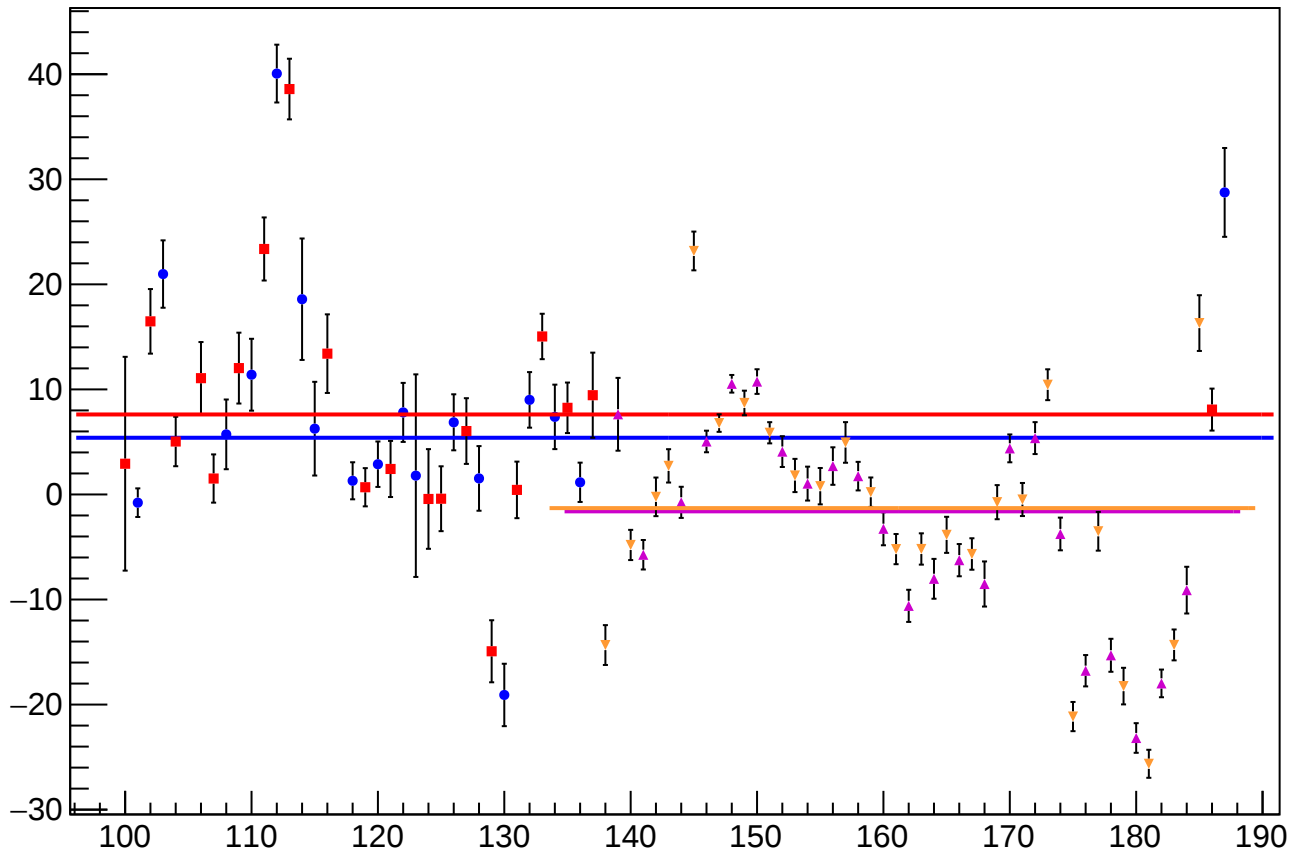
Left In: -52.409 ± 0.387 χ^2/NDF : 3378.7/22

+ sign -53.821 ± 0.379 χ^2/NDF : 5715.7/25

All: -54.487 ± 0.267 χ^2/NDF : 10035.4/49

- sign -55.143 ± 0.377 χ^2/NDF : 4313.7/23

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 5.397 ± 0.615 $\chi^2/\text{NDF}: 326.5/17$

Left Out: -1.300 ± 0.293 $\chi^2/\text{NDF}: 1315.7/24$

Right Out: 7.614 ± 0.619 $\chi^2/\text{NDF}: 270.2/19$

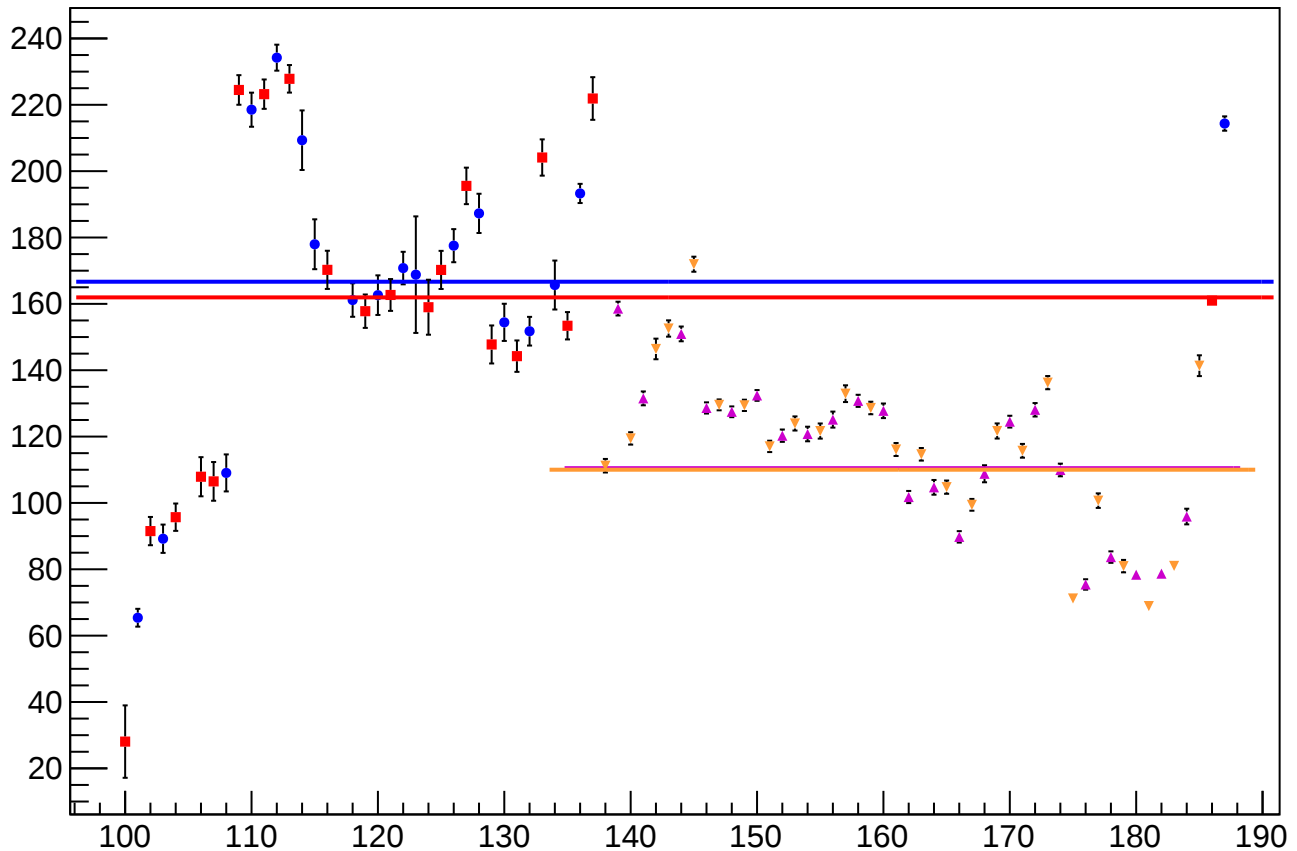
Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

+ sign -0.063 ± 0.264 $\chi^2/\text{NDF}: 1739.1/42$

All: 0.036 ± 0.189 $\chi^2/\text{NDF}: 3286.6/85$

- sign 0.140 ± 0.270 $\chi^2/\text{NDF}: 1547.2/42$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 166.675 ± 1.012 $\chi^2/\text{NDF}: 2890.1/17$

Left Out: 110.012 ± 0.383 $\chi^2/\text{NDF}: 4537.0/24$

Right Out: 161.953 ± 0.874 $\chi^2/\text{NDF}: 1709.7/19$

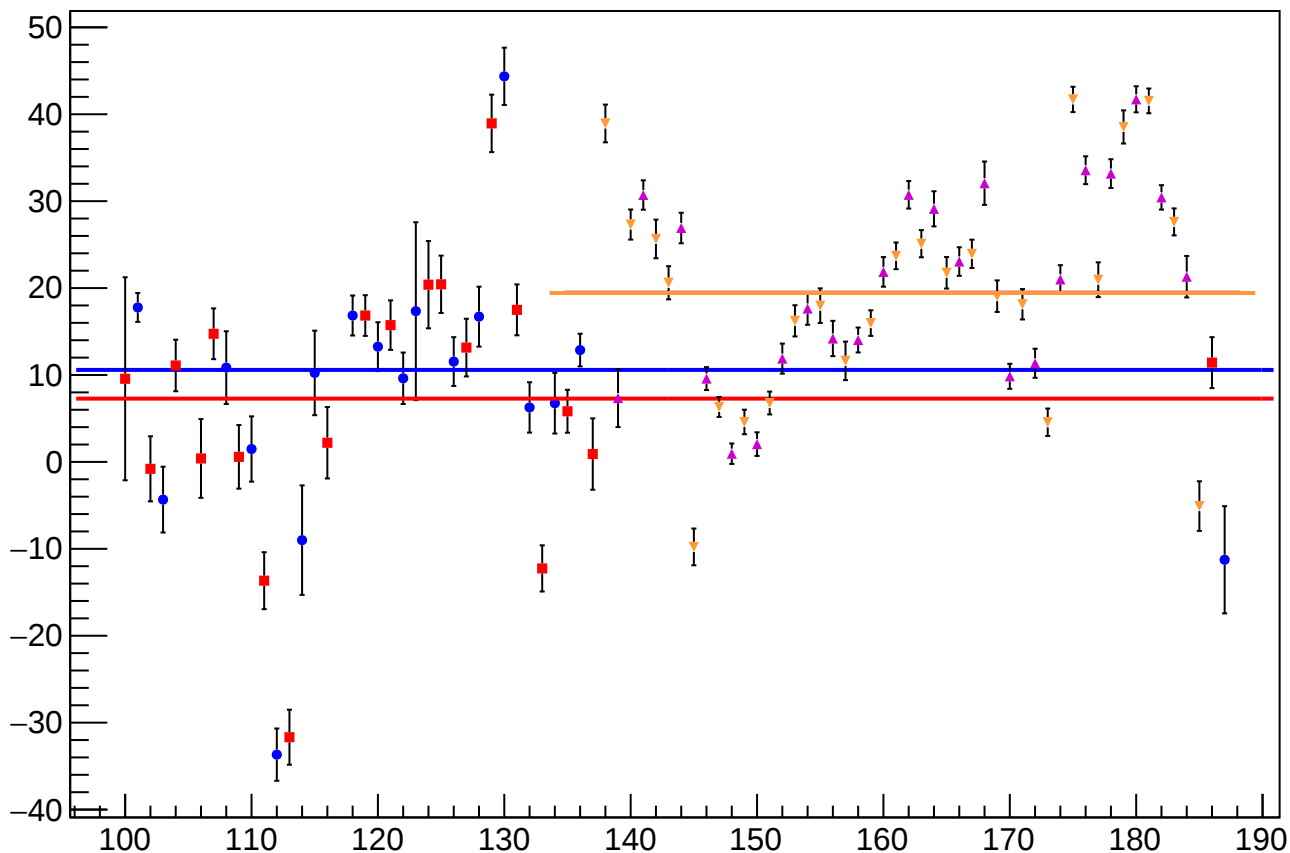
Left In: 110.482 ± 0.385 $\chi^2/\text{NDF}: 3824.9/22$

+ sign 117.109 ± 0.358 $\chi^2/\text{NDF}: 10171.8/42$

All: 117.989 ± 0.251 $\chi^2/\text{NDF}: 18624.9/85$

- sign 118.839 ± 0.352 $\chi^2/\text{NDF}: 8441.2/42$

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.586 $\pm$ 0.709 χ^2 /NDF: 400.8/17

Left Out: 19.434 $\pm$ 0.336 χ^2 /NDF:1452.3/24

Right Out: 7.284 $\pm$ 0.725 χ^2 /NDF: 426.7/19

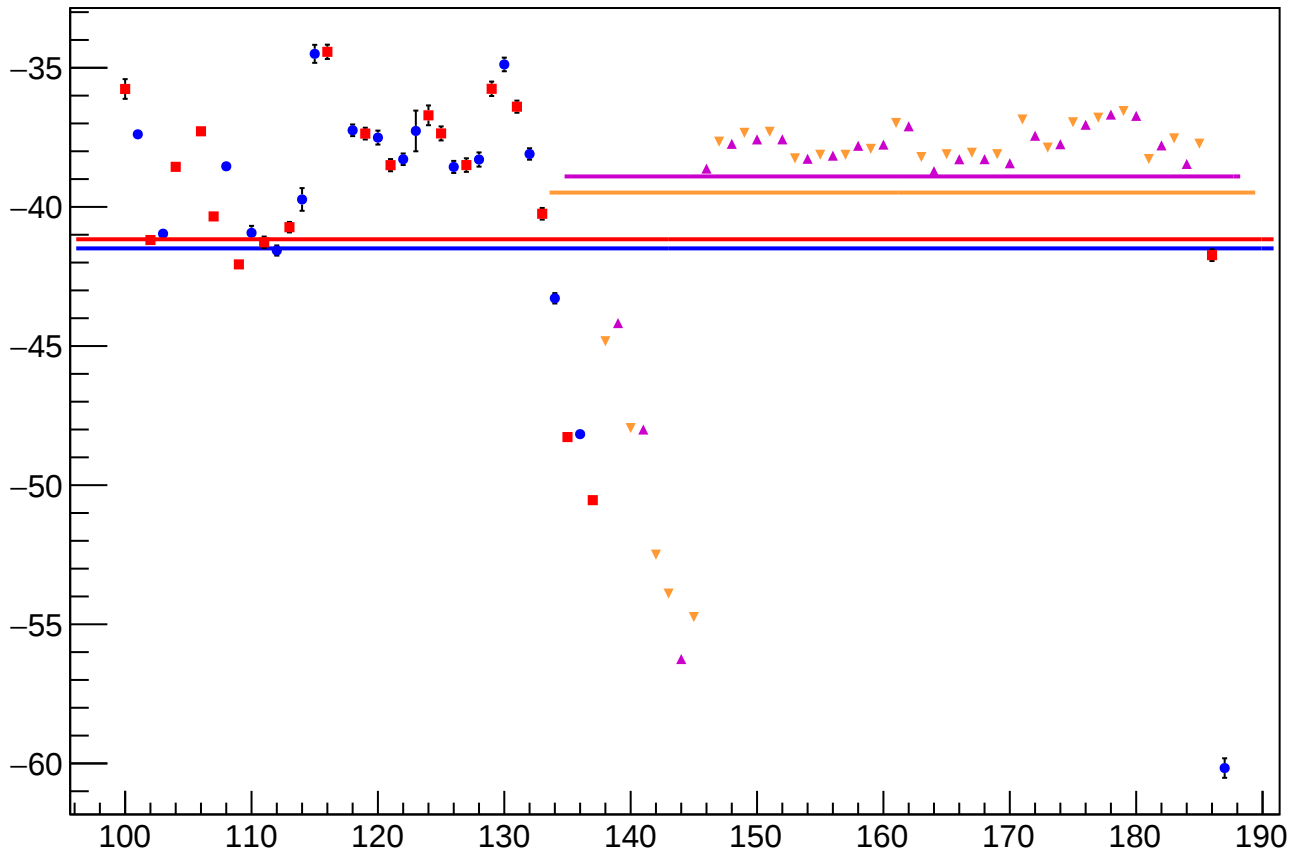
Left In: 19.472 $\pm$ 0.342 χ^2 /NDF:1188.2/22

+ sign 17.814 $\pm$ 0.303 χ^2 /NDF: 1980.5/42

All: 17.541 $\pm$ 0.216 χ^2 /NDF: 3828.3/85

- sign 17.257 $\pm$ 0.309 χ^2 /NDF: 1846.2/42

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.491 ± 0.038 χ^2/NDF : 15448.2/17

Left Out: -39.484 ± 0.016 χ^2/NDF : 88877.3/24

Right Out: -41.163 ± 0.038 χ^2/NDF : 12226.3/19

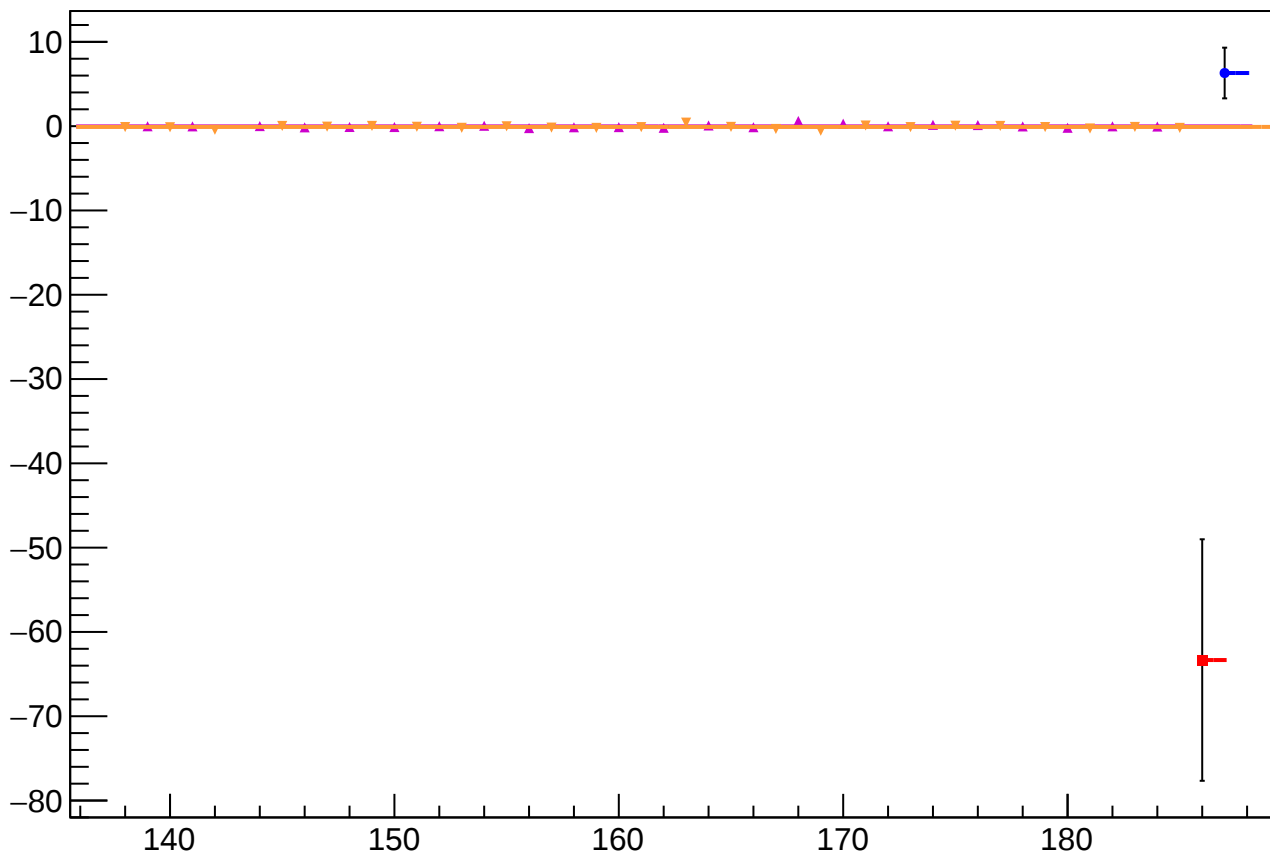
Left In: -38.905 ± 0.016 χ^2/NDF : 54282.7/22

+ sign -39.776 ± 0.015 χ^2/NDF : 106676.4/42

All: -39.507 ± 0.010 χ^2/NDF : 176877.9/85

- sign -39.238 ± 0.015 χ^2/NDF : 69521.5/42

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 6.304 $\pm$ 3.007 χ^2 /NDF: 0.0/0

Left Out: -0.089 $\pm$ 0.022 χ^2 /NDF: 40.0/23

Right Out: -63.334 $\pm$ 14.326 χ^2 /NDF: 0.0/0

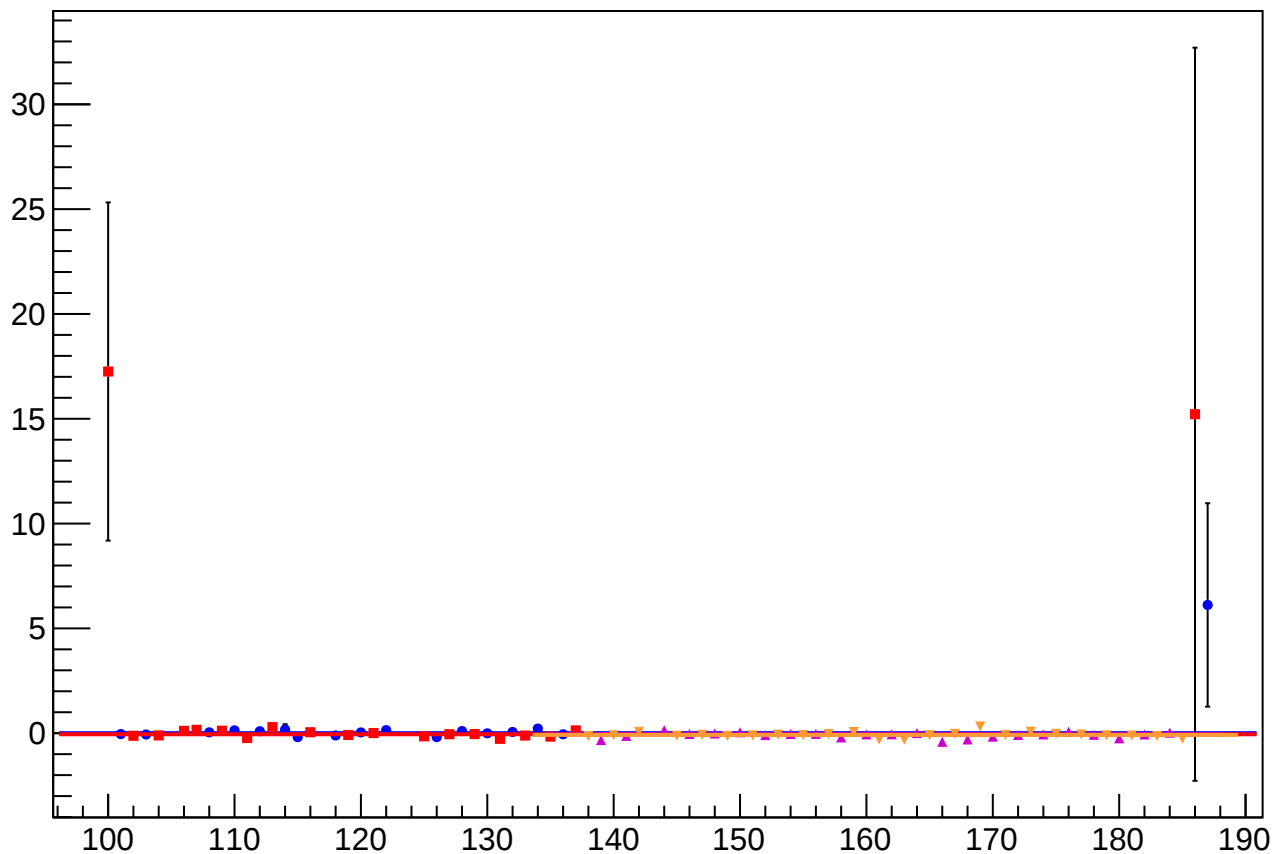
Left In: -0.026 $\pm$ 0.022 χ^2 /NDF: 32.3/22

+ sign -0.089 $\pm$ 0.022 χ^2 /NDF: 44.6/24

All: -0.057 $\pm$ 0.016 χ^2 /NDF: 100.4/48

- sign -0.026 $\pm$ 0.022 χ^2 /NDF: 51.8/23

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 14.1/16

Left Out: -0.081 ± 0.017 χ^2/NDF : 25.8/23

Right Out: -0.051 ± 0.029 χ^2/NDF : 26.6/18

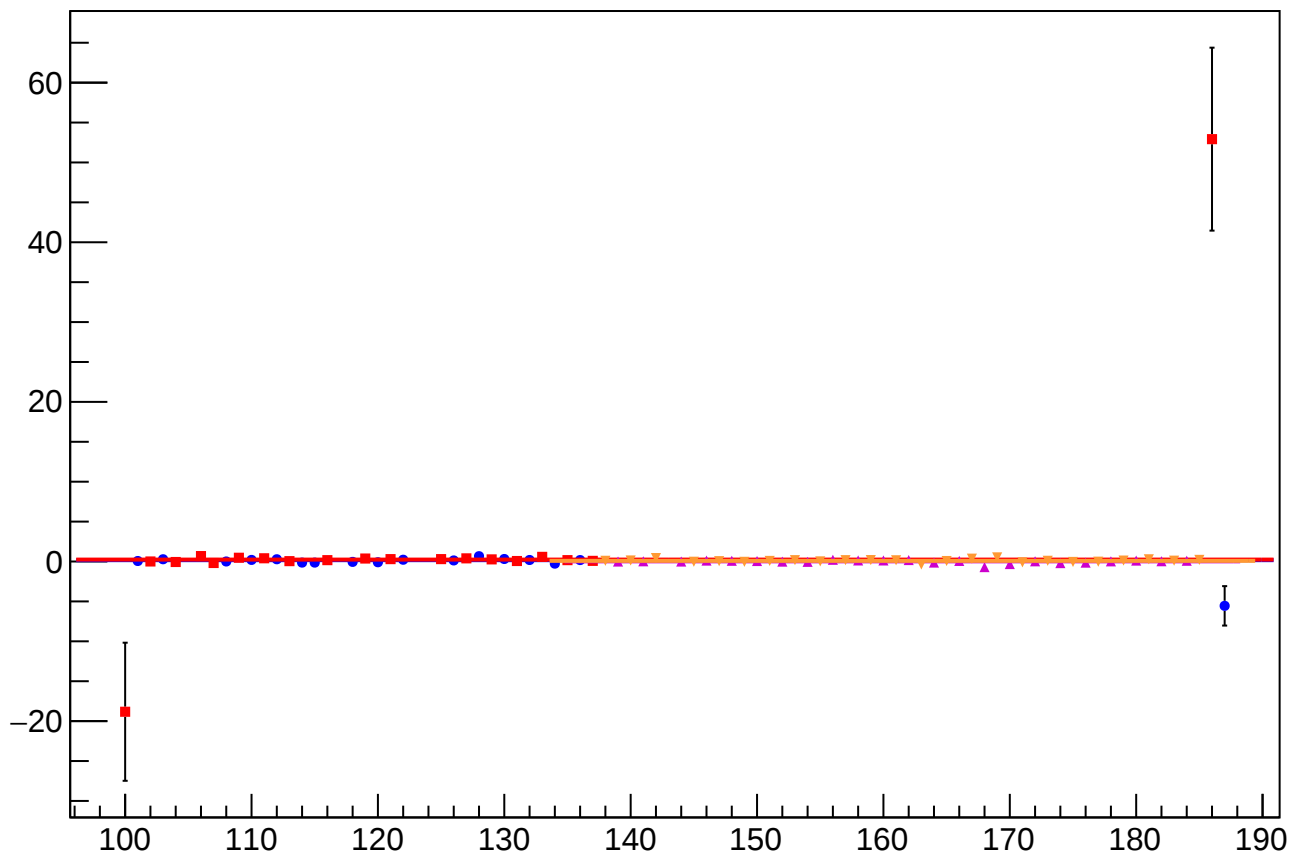
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ sign -0.058 ± 0.015 χ^2/NDF : 46.2/40

All: -0.056 ± 0.011 χ^2/NDF : 105.0/82

- sign -0.054 ± 0.015 χ^2/NDF : 58.8/41

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.168 $\pm$ 0.052 χ^2 /NDF: 19.0/16

Left Out: 0.082 $\pm$ 0.022 χ^2 /NDF:38.7/23

Right Out: 0.240 $\pm$ 0.054 χ^2 /NDF: 42.9/18

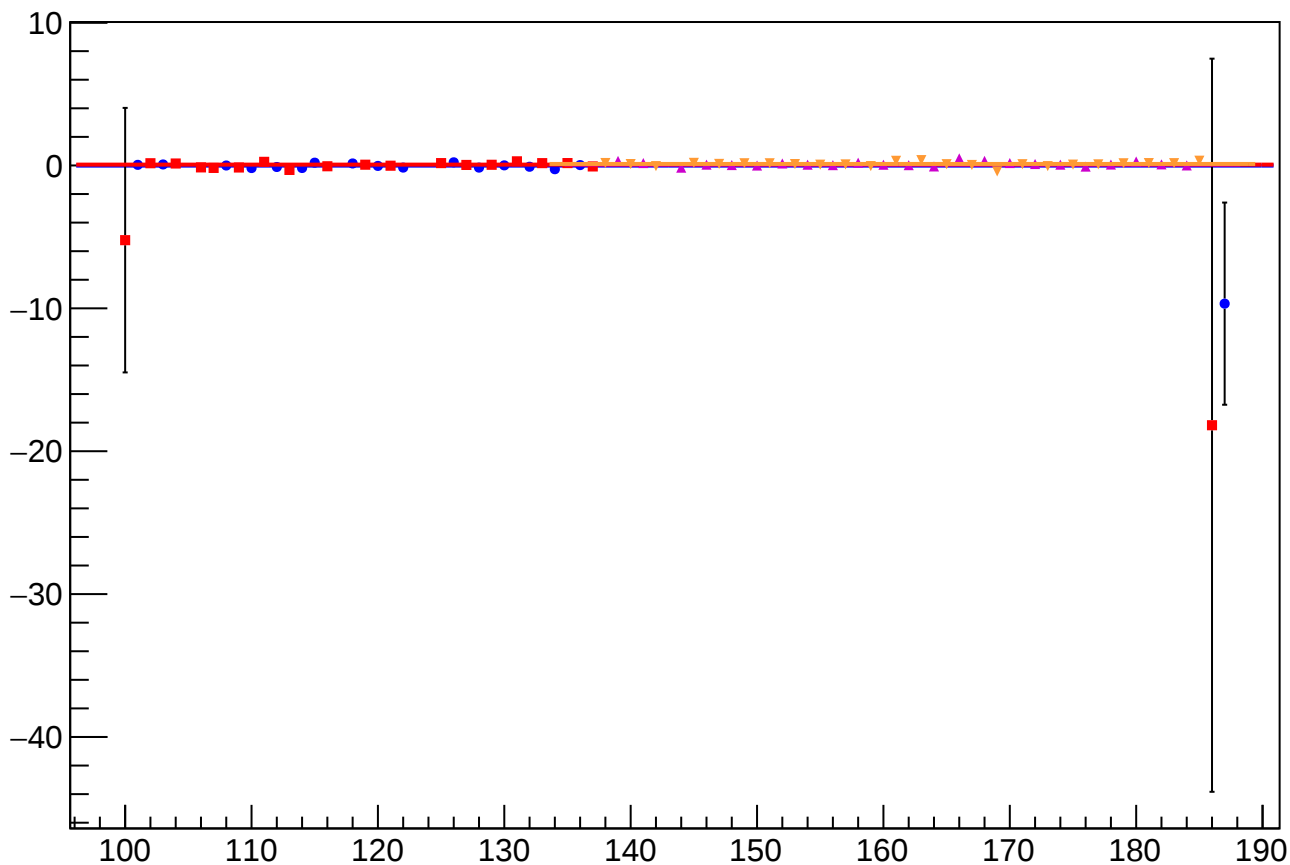
Left In: 0.020 $\pm$ 0.022 χ^2 /NDF:34.5/22

+ sign 0.095 $\pm$ 0.020 χ^2 /NDF: 60.1/40

All: 0.073 $\pm$ 0.014 χ^2 /NDF: 154.0/82

- sign 0.052 $\pm$ 0.020 χ^2 /NDF: 91.7/41

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 15.6/16

Left Out: 0.105 ± 0.020 χ^2/NDF : 29.5/23

Right Out: 0.059 ± 0.034 χ^2/NDF : 21.1/18

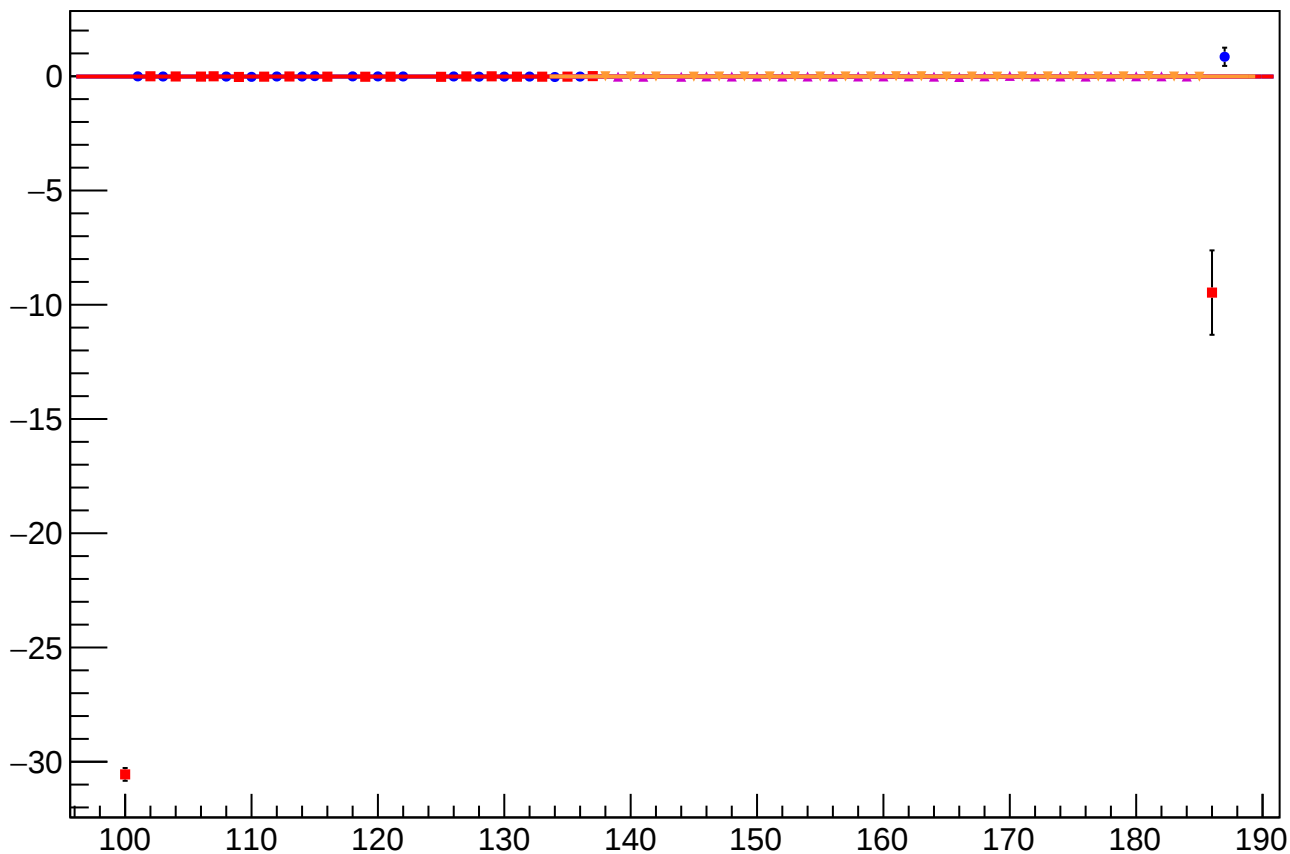
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 54.4/40

All: 0.071 ± 0.012 χ^2/NDF : 107.4/82

- sign 0.069 ± 0.017 χ^2/NDF : 52.9/41

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 17.6/16

Left Out: -0.008 ± 0.001 χ^2/NDF : 30.7/23

Right Out: -0.012 ± 0.002 χ^2/NDF : 11917.7/18

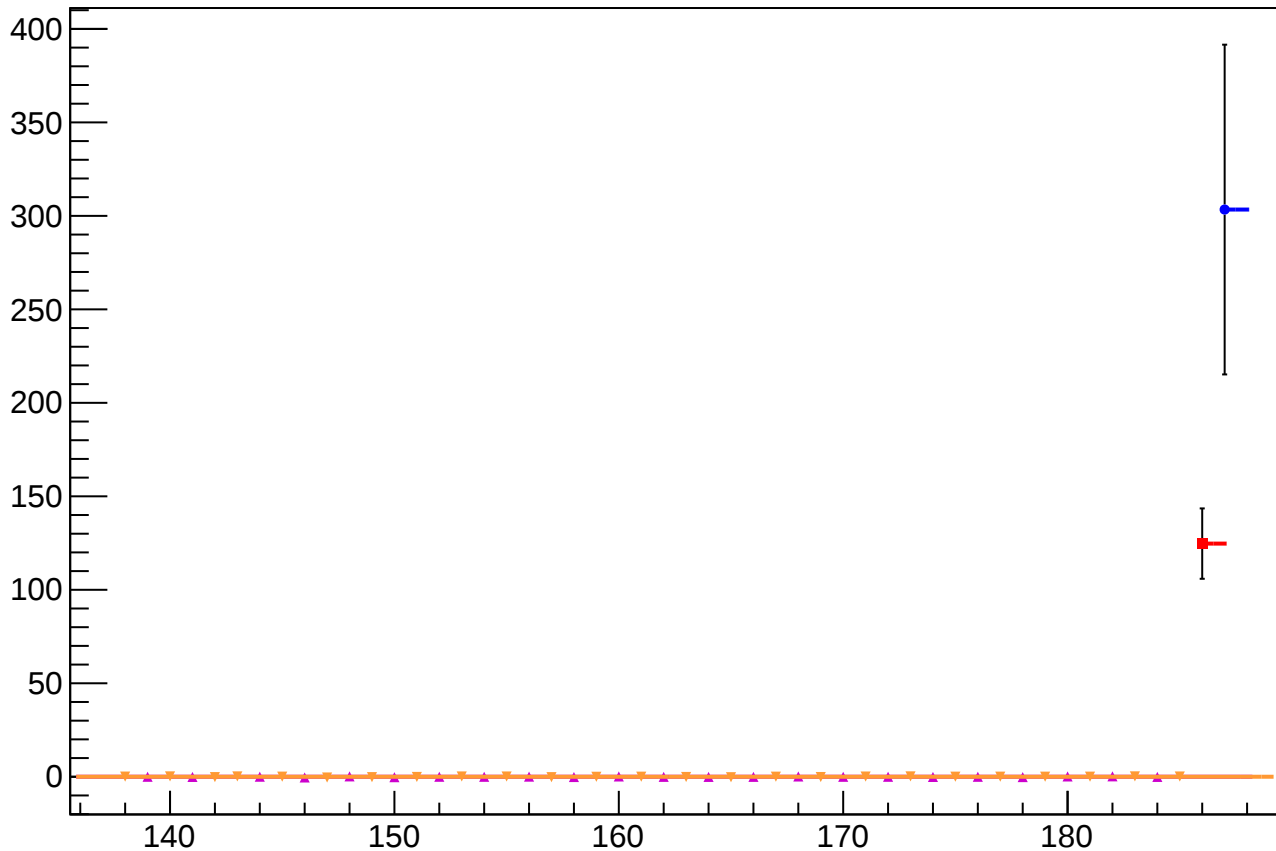
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ sign -0.009 ± 0.001 χ^2/NDF : 51.9/40

All: -0.009 ± 0.001 χ^2/NDF : 12014.8/82

- sign -0.009 ± 0.001 χ^2/NDF : 11962.5/41

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 303.382 $\pm$ 88.188 χ^2 /NDF: 0.0/0

Left Out: 0.013 $\pm$ 0.027 χ^2 /NDF:29.2/24

Right Out: 124.707 $\pm$ 18.821 χ^2 /NDF: 0.0/0

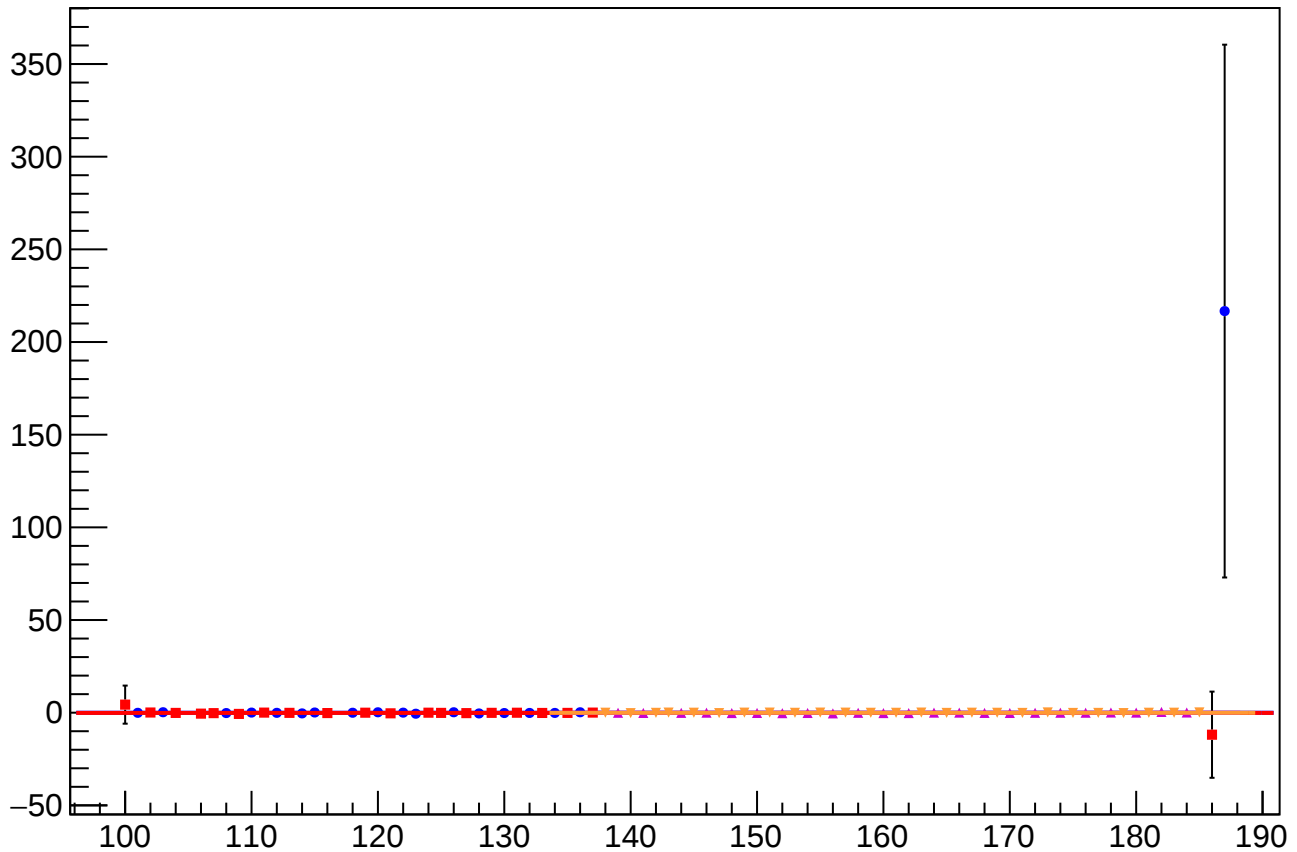
Left In: 0.004 $\pm$ 0.028 χ^2 /NDF:28.2/22

+ sign 0.013 $\pm$ 0.027 χ^2 /NDF: 41.0/25

All: 0.009 $\pm$ 0.019 χ^2 /NDF: 113.1/49

- sign 0.005 $\pm$ 0.028 χ^2 /NDF: 72.1/23

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 25.6/17

Left Out: -0.058 ± 0.021 χ^2/NDF : 25.4/24

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.9/19

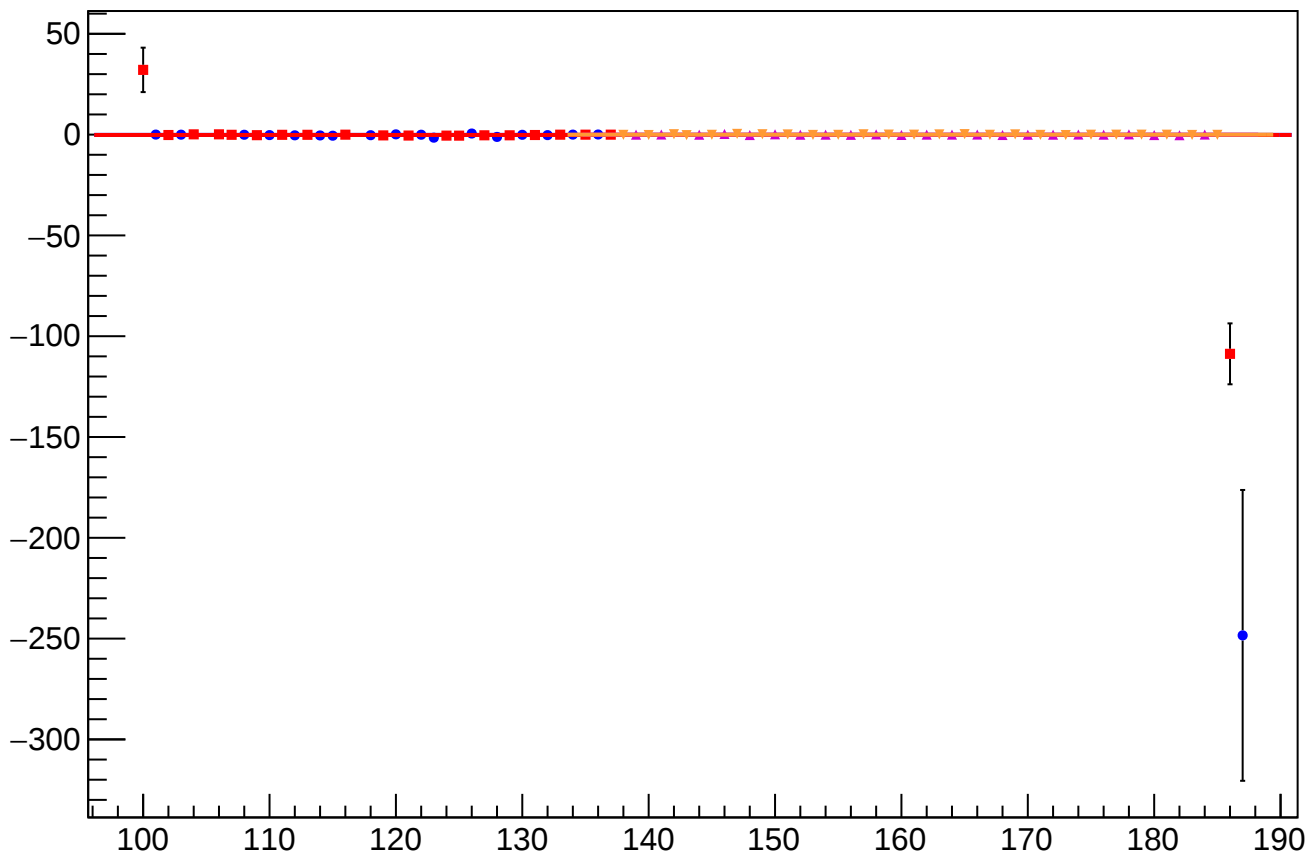
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 51.7/42

All: -0.066 ± 0.013 χ^2/NDF : 121.7/85

- sign -0.085 ± 0.019 χ^2/NDF : 68.2/42

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.130 ± 0.067 χ^2/NDF : 35.6/17

Left Out: -0.015 ± 0.027 χ^2/NDF : 27.0/24

Right Out: -0.174 ± 0.071 χ^2/NDF : 66.7/19

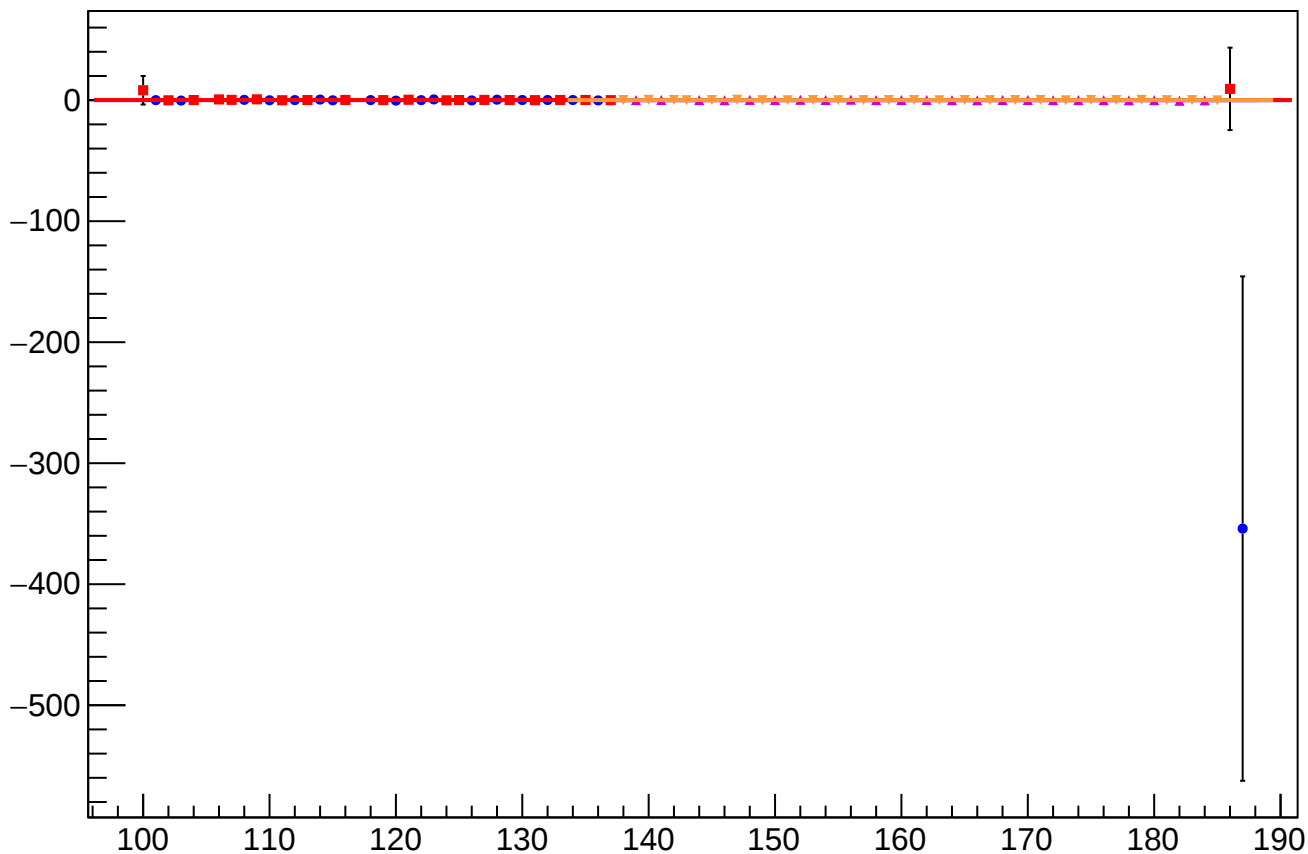
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 65.1/42

All: -0.042 ± 0.018 χ^2/NDF : 163.3/85

- sign -0.053 ± 0.026 χ^2/NDF : 97.7/42

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 $\pm$ 0.042 χ^2 /NDF: 25.4/17

Left Out: 0.062 $\pm$ 0.024 χ^2 /NDF:25.0/24

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.3/19

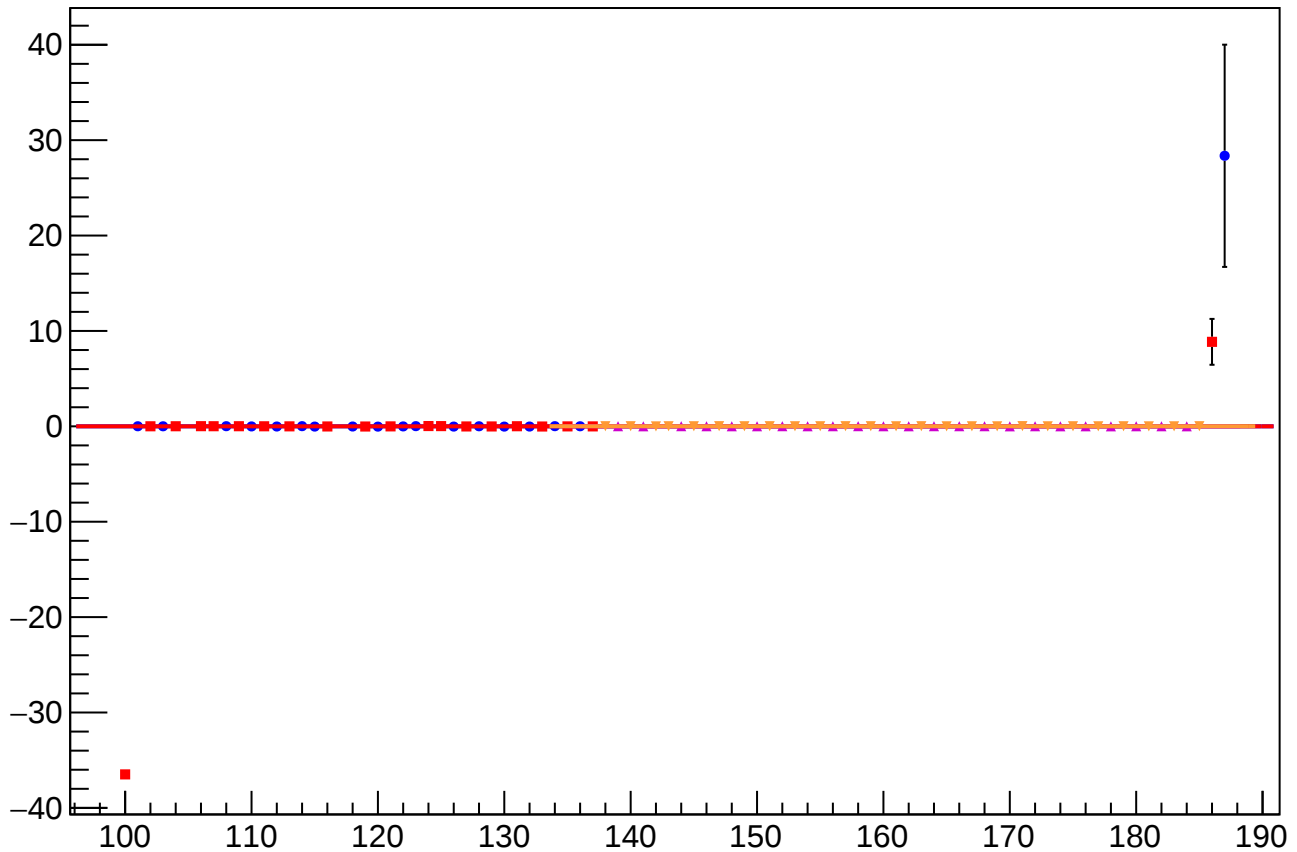
Left In: 0.069 $\pm$ 0.025 χ^2 /NDF:51.4/22

+ sign 0.052 $\pm$ 0.021 χ^2 /NDF: 51.1/42

All: 0.069 $\pm$ 0.015 χ^2 /NDF: 122.9/85

- sign 0.088 $\pm$ 0.022 χ^2 /NDF: 70.3/42

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 38.3/17

Left Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 25.9/24

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10462.7/19

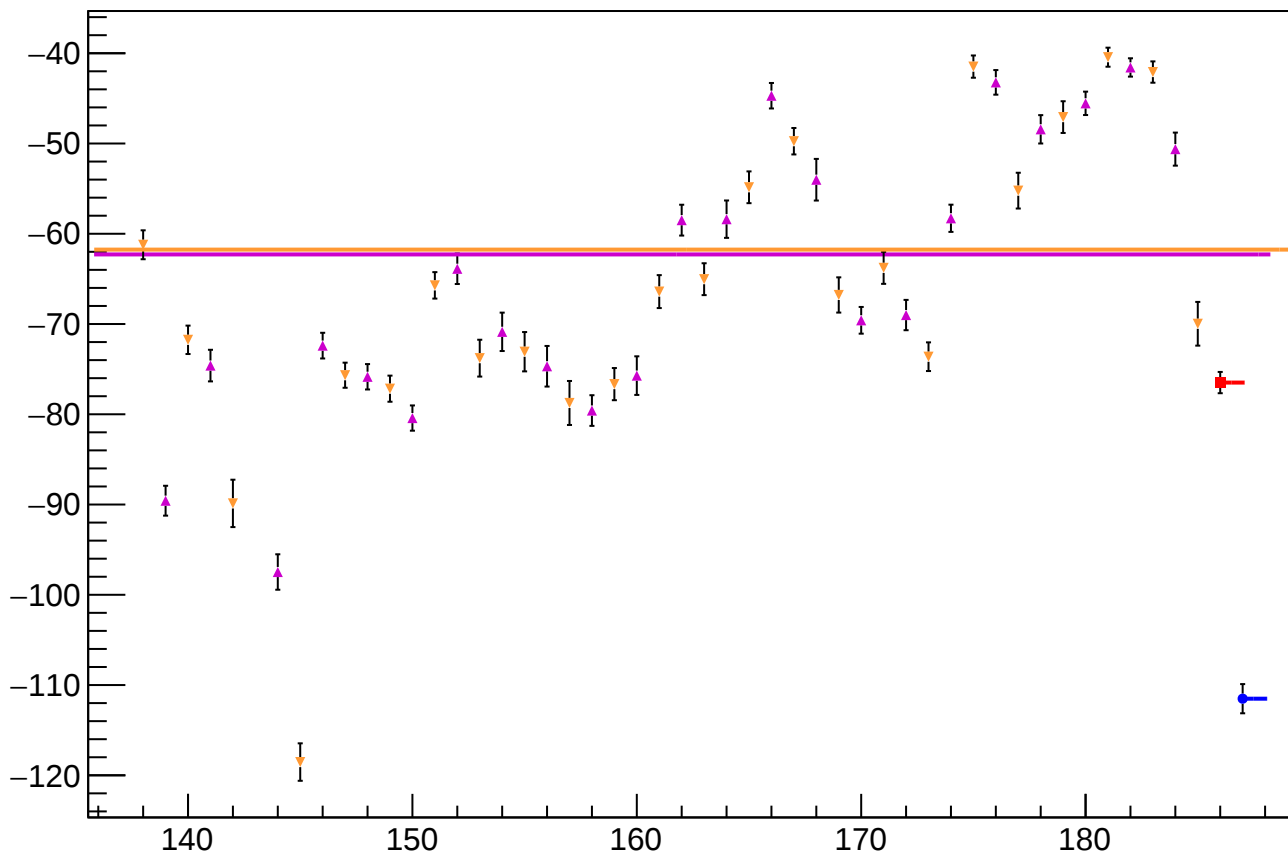
Left In: 0.009 $\pm$ 0.001 χ^2 /NDF: 15.8/22

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 72.4/42

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10561.3/85

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10488.7/42

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -111.512 ± 1.617 χ^2/NDF : 0.0/0

Left Out: -61.756 ± 0.334 χ^2/NDF : 2509.2/23

Right Out: -76.488 ± 1.179 χ^2/NDF : 0.0/0

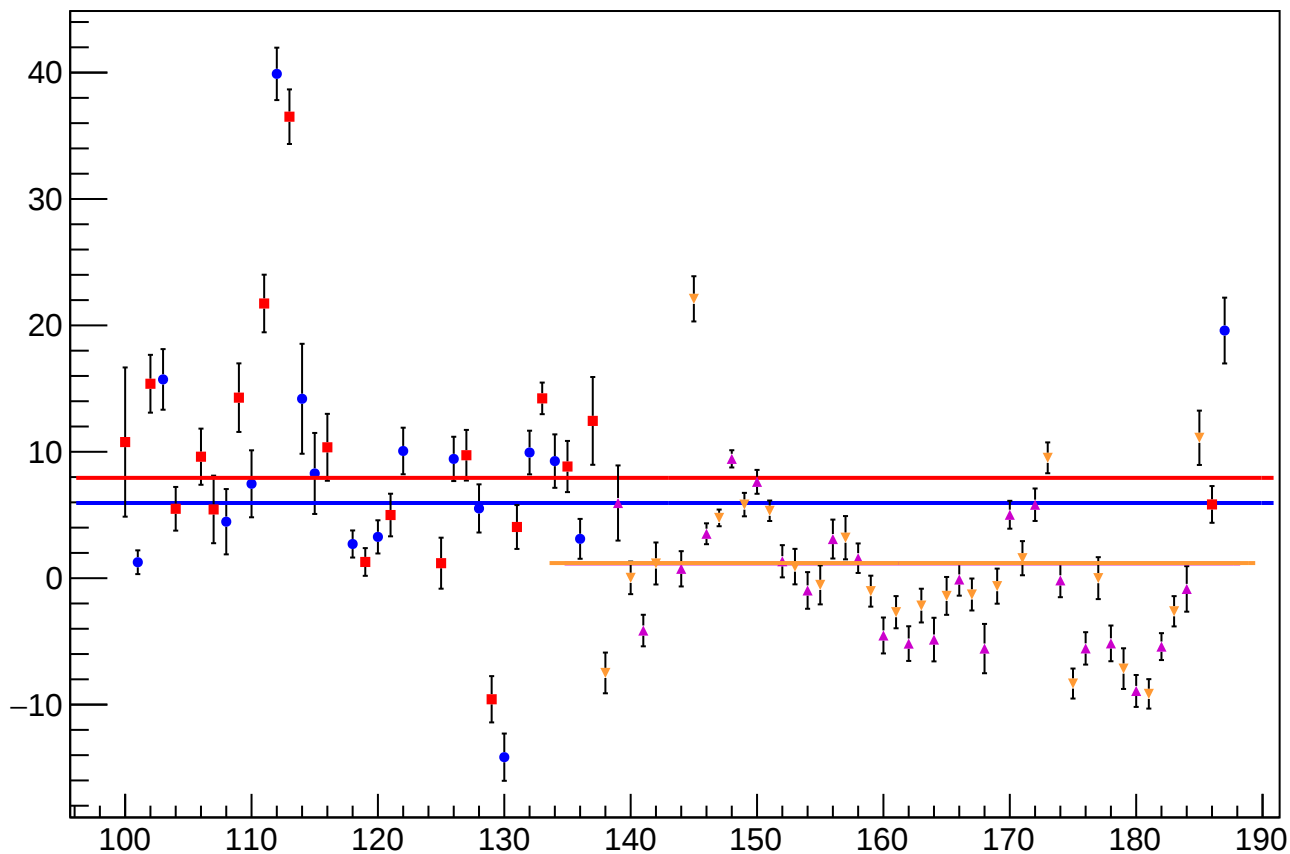
Left In: -62.290 ± 0.331 χ^2/NDF : 2265.0/22

+ sign -63.788 ± 0.327 χ^2/NDF : 3416.8/24

All: -63.553 ± 0.228 χ^2/NDF : 5817.4/48

- sign -63.329 ± 0.319 χ^2/NDF : 2399.5/23

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.950 ± 0.418 $\chi^2/\text{NDF}: 491.0/16$

Left Out: 1.197 ± 0.252 $\chi^2/\text{NDF}: 526.1/23$

Right Out: 7.937 ± 0.433 $\chi^2/\text{NDF}: 410.0/18$

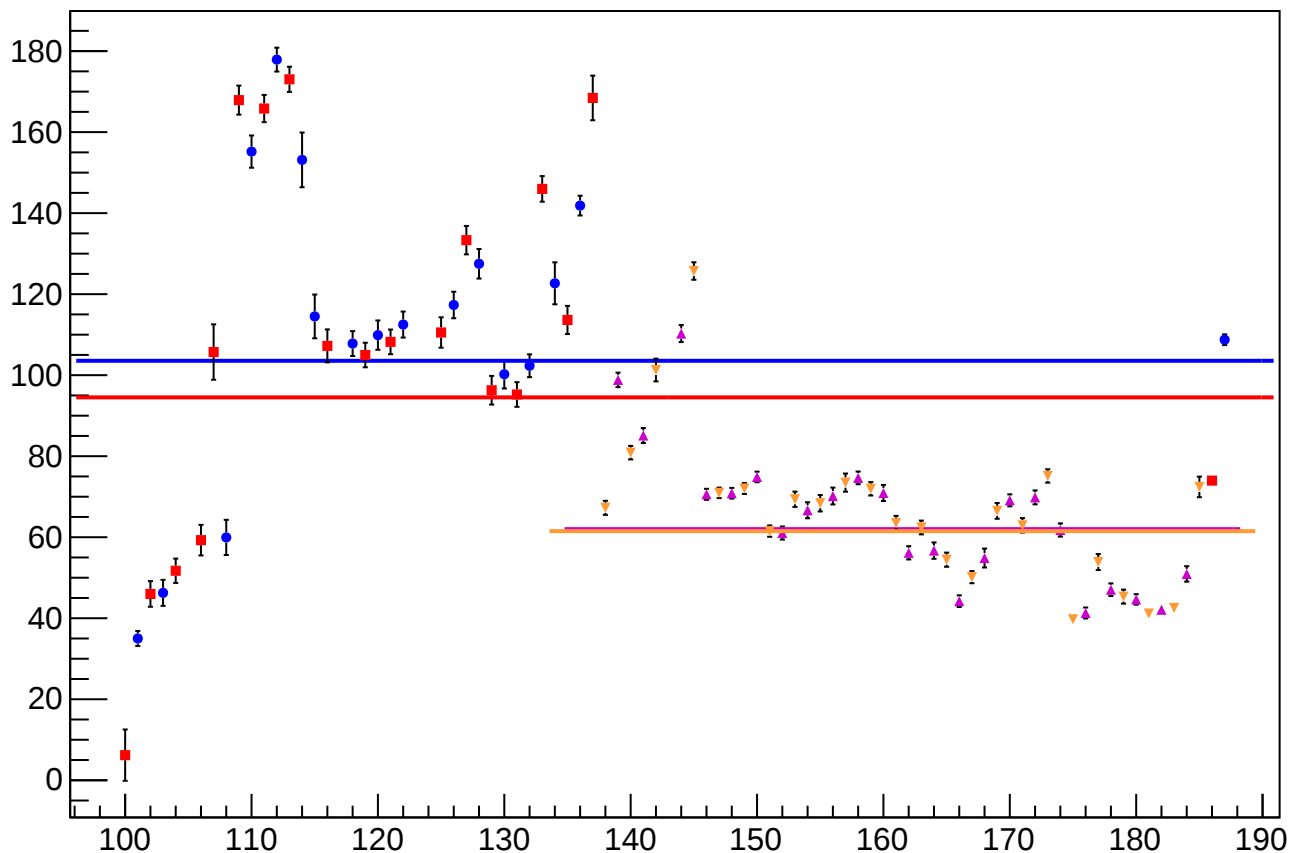
Left In: 1.171 ± 0.255 $\chi^2/\text{NDF}: 466.2/22$

+ sign 2.467 ± 0.216 $\chi^2/\text{NDF}: 1111.8/40$

All: 2.685 ± 0.154 $\chi^2/\text{NDF}: 2171.5/82$

- sign 2.910 ± 0.220 $\chi^2/\text{NDF}: 1057.6/41$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 103.552 $\pm$ 0.690 χ^2 /NDF: 2999.9/16

Left Out: 61.496 $\pm$ 0.332 χ^2 /NDF:2610.2/23

Right Out: 94.522 $\pm$ 0.625 χ^2 /NDF: 3366.9/18

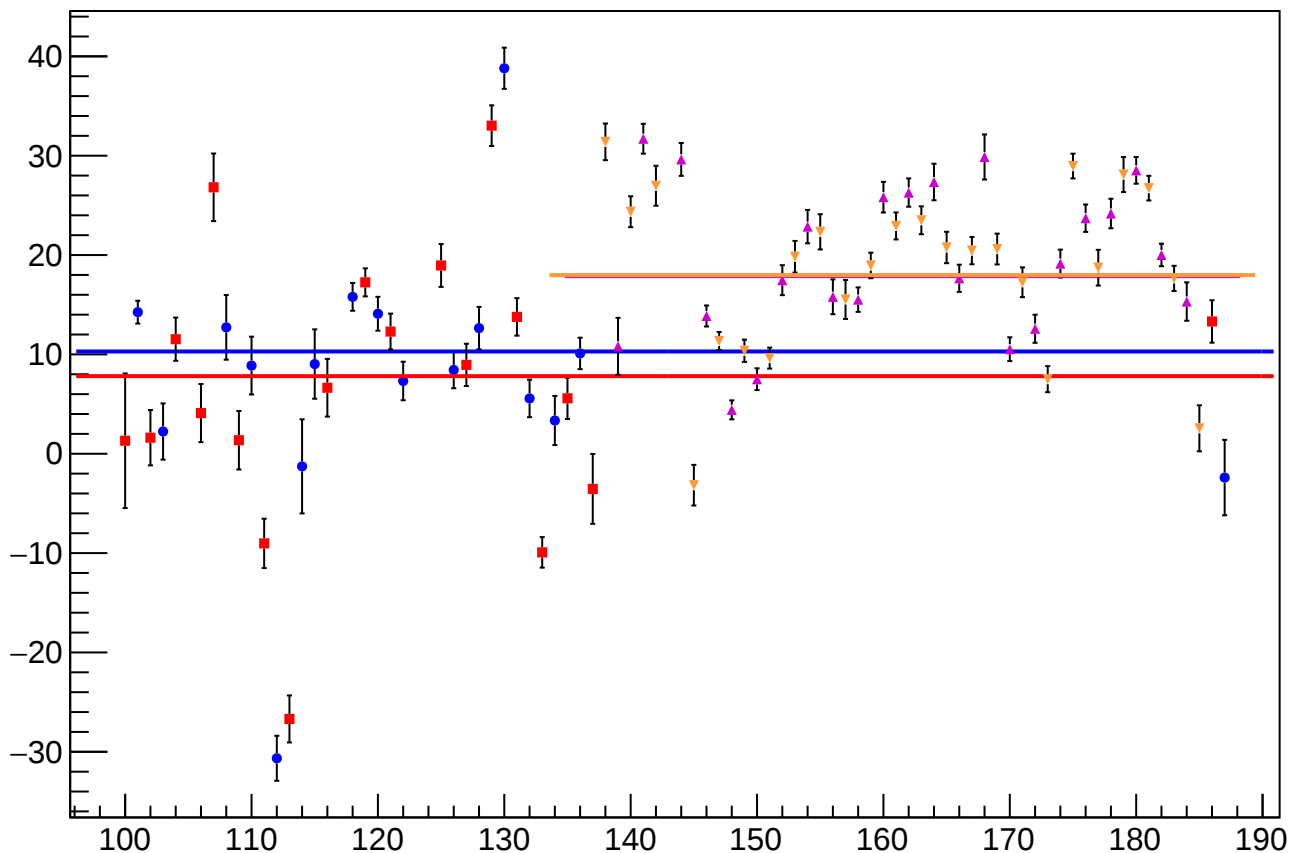
Left In: 61.995 $\pm$ 0.329 χ^2 /NDF:2517.6/22

+ sign 69.418 $\pm$ 0.299 χ^2 /NDF: 8627.7/40

All: 69.229 $\pm$ 0.209 χ^2 /NDF: 16634.1/82

- sign 69.051 $\pm$ 0.291 χ^2 /NDF: 8005.6/41

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.295 $\pm$ 0.488 χ^2 /NDF: 592.9/16

Left Out: 17.979 $\pm$ 0.291 χ^2 /NDF: 674.8/23

Right Out: 7.808 $\pm$ 0.509 χ^2 /NDF: 696.4/18

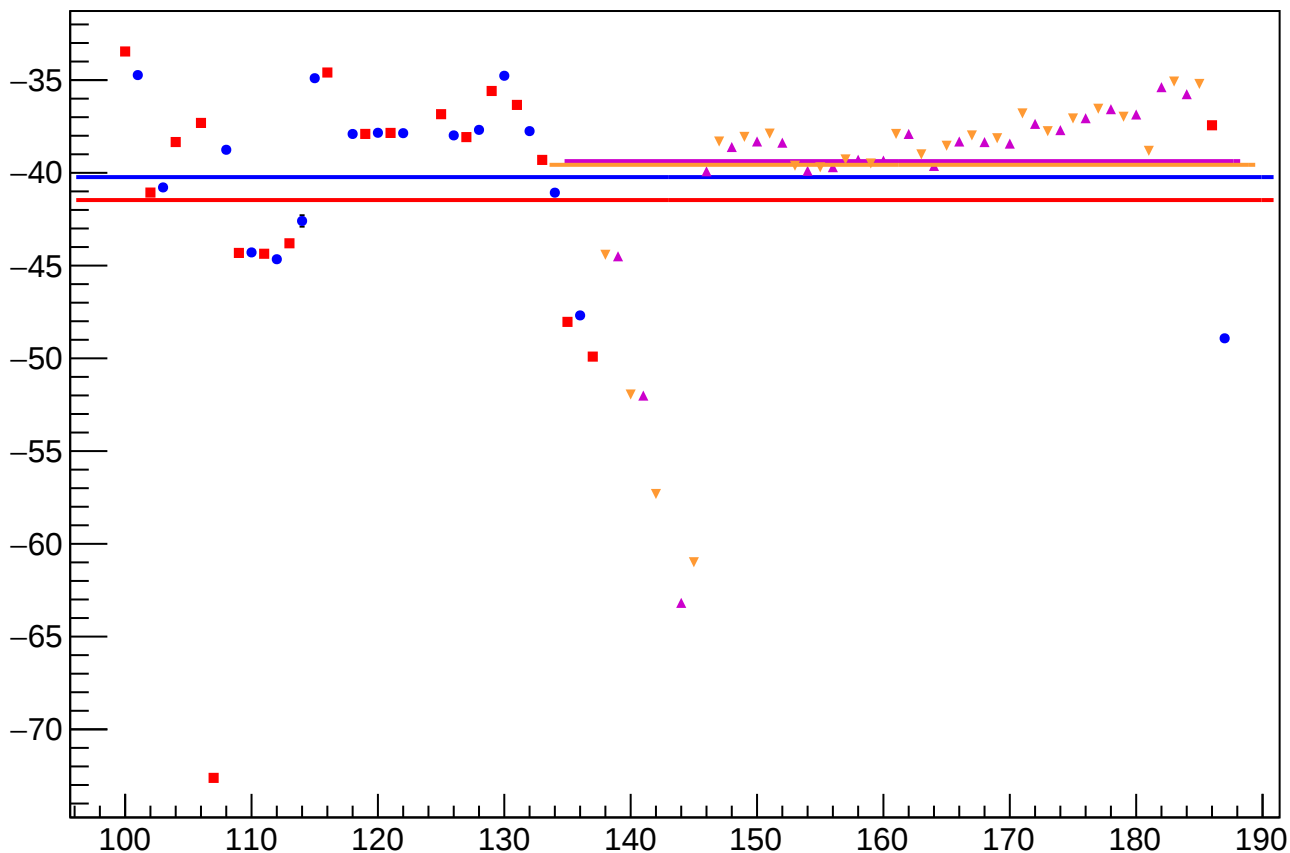
Left In: 17.881 $\pm$ 0.292 χ^2 /NDF: 730.9/22

+ sign 15.965 $\pm$ 0.250 χ^2 /NDF: 1450.7/40

All: 15.682 $\pm$ 0.178 χ^2 /NDF: 3175.5/82

- sign 15.391 $\pm$ 0.253 χ^2 /NDF: 1722.2/41

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.230 ± 0.028 χ^2/NDF : 26790.7/16

Left Out: -39.567 ± 0.014 χ^2/NDF : 141152.0/23

Right Out: -41.467 ± 0.028 χ^2/NDF : 62510.1/18

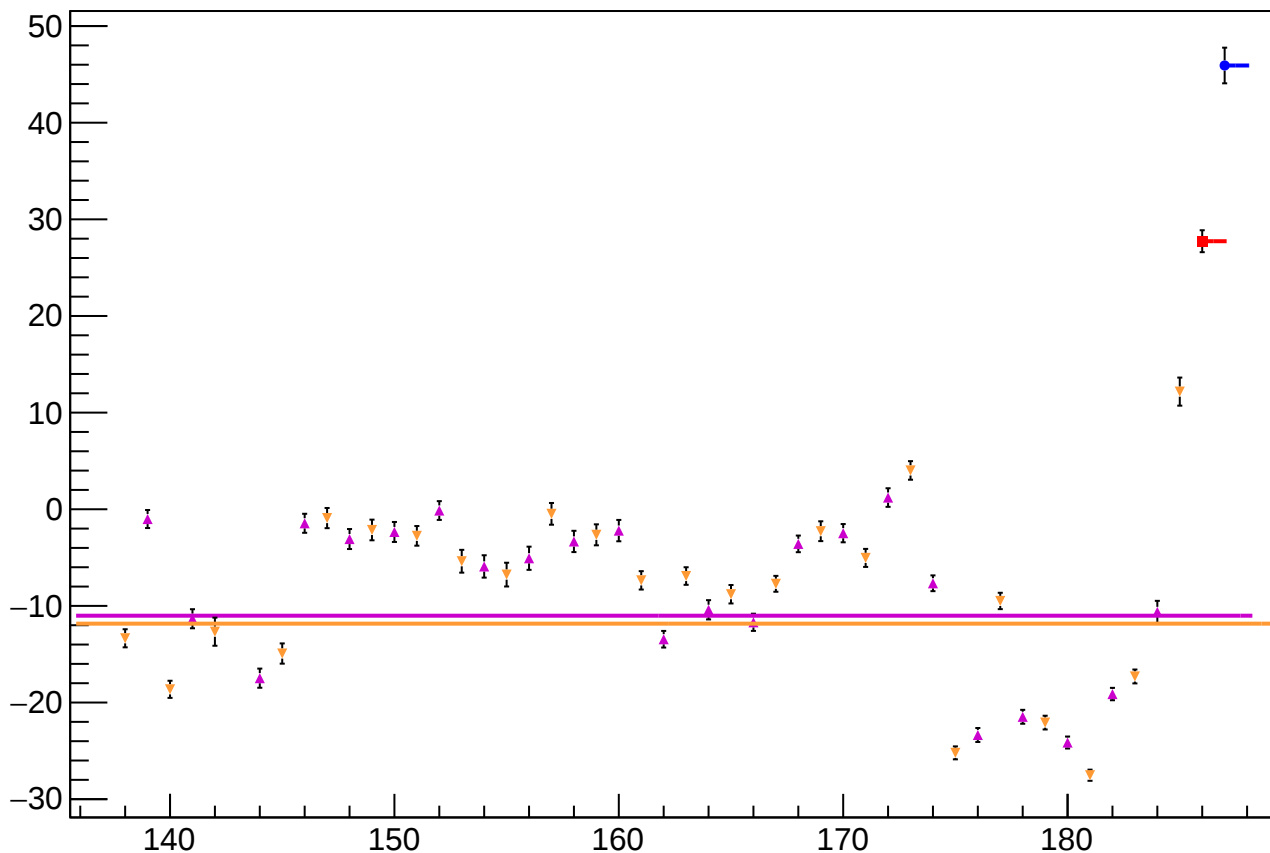
Left In: -39.368 ± 0.014 χ^2/NDF : 117958.1/22

+ sign -39.696 ± 0.012 χ^2/NDF : 168395.2/40

All: -39.730 ± 0.009 χ^2/NDF : 353413.1/82

- sign -39.764 ± 0.012 χ^2/NDF : 185002.4/41

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 45.919 $\pm$ 1.845 χ^2 /NDF: 0.0/0

Left Out: -11.837 $\pm$ 0.187 χ^2 /NDF:2742.4/23

Right Out: 27.736 $\pm$ 1.135 χ^2 /NDF: 0.0/0

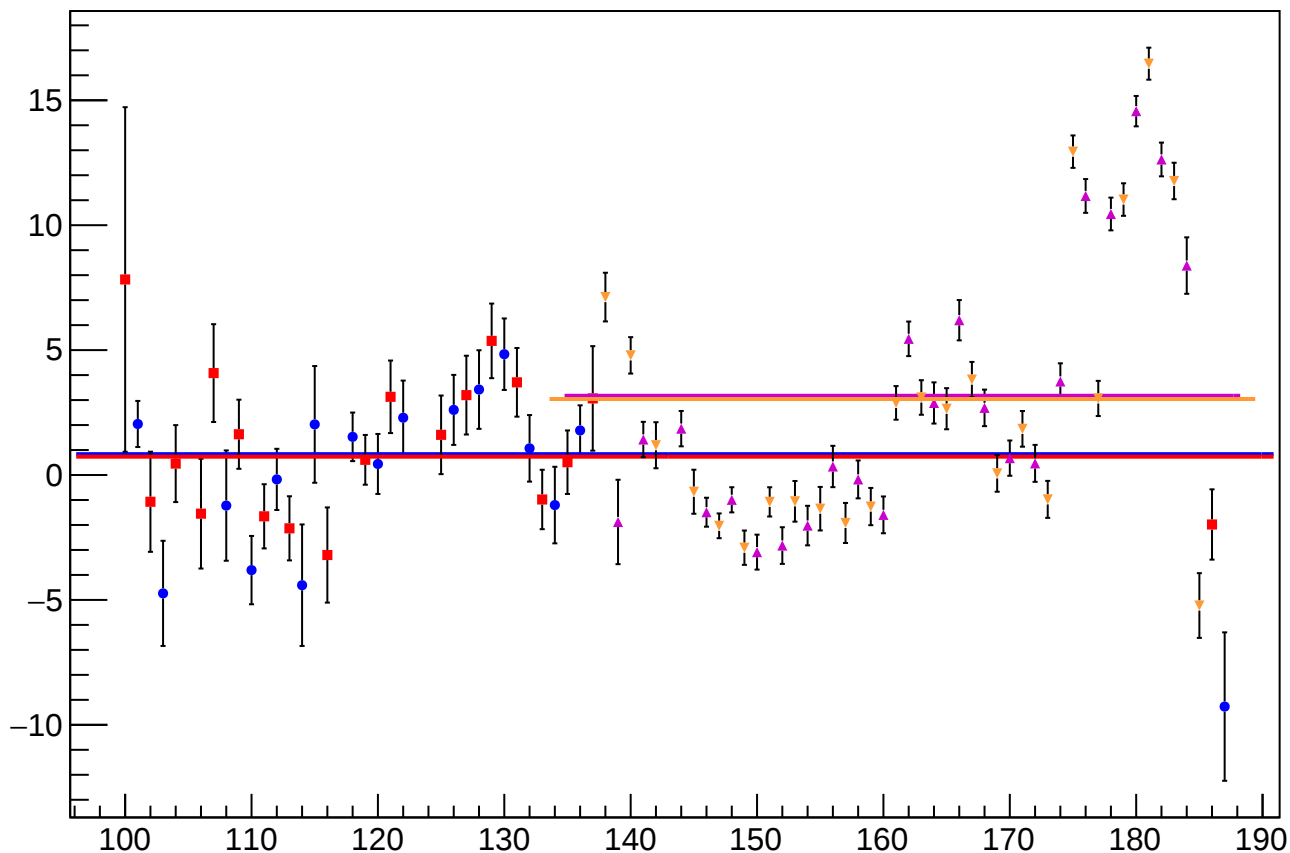
Left In: -11.014 $\pm$ 0.187 χ^2 /NDF:2116.6/22

+ sign -11.251 $\pm$ 0.186 χ^2 /NDF: 3712.5/24

All: -10.615 $\pm$ 0.131 χ^2 /NDF: 6987.7/48

- sign -9.988 $\pm$ 0.185 χ^2 /NDF: 3251.9/23

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.835 ± 0.336 χ^2/NDF : 54.7/16

Left Out: 3.042 ± 0.148 χ^2/NDF : 1452.6/23

Right Out: 0.734 ± 0.343 χ^2/NDF : 45.9/18

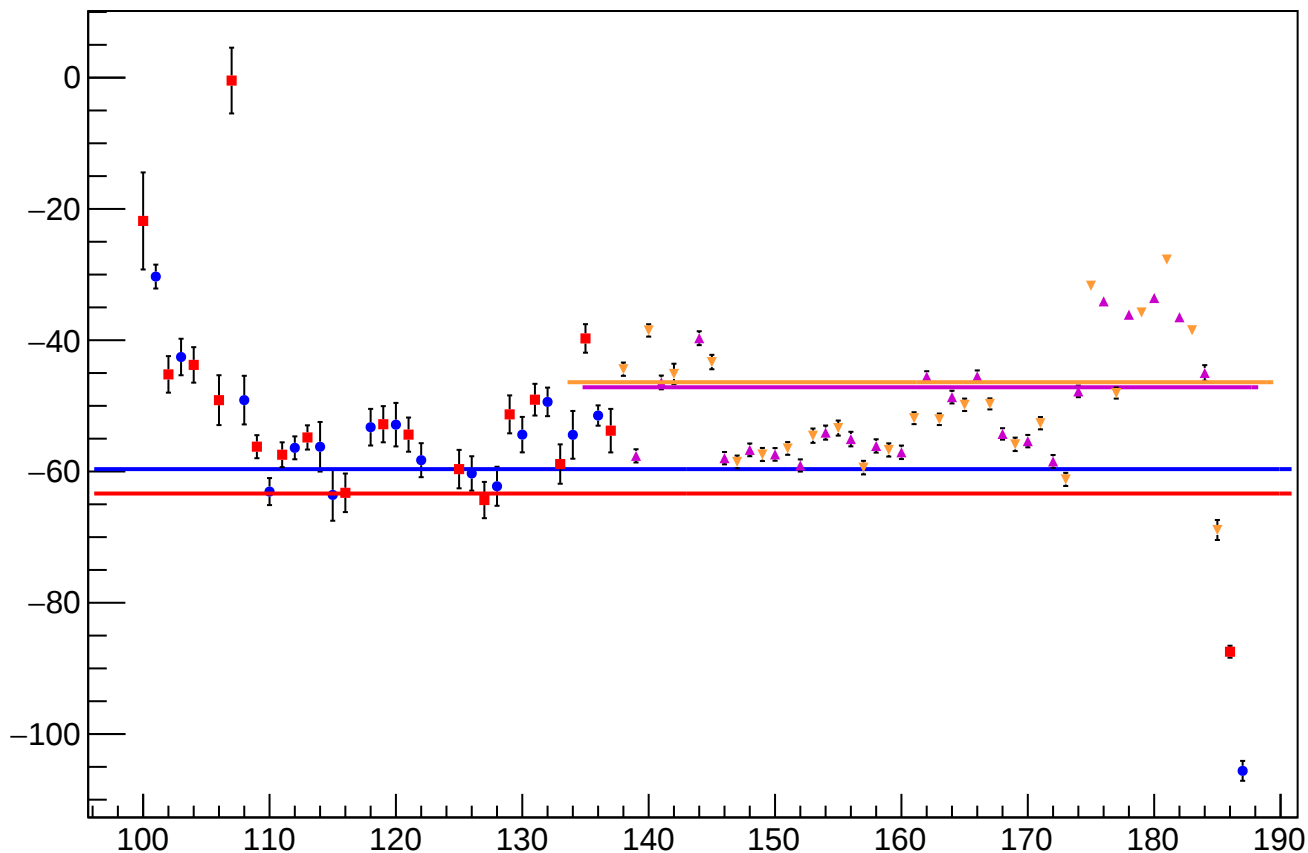
Left In: 3.172 ± 0.150 χ^2/NDF : 1297.9/22

+ sign 2.684 ± 0.135 χ^2/NDF : 1543.4/40

All: 2.733 ± 0.096 χ^2/NDF : 2929.9/82

- sign 2.783 ± 0.137 χ^2/NDF : 1386.3/41

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -59.640 ± 0.567 χ^2/NDF : 1299.8/16

Left Out: -46.398 ± 0.187 χ^2/NDF : 3289.4/23

Right Out: -63.357 ± 0.510 χ^2/NDF : 1255.3/18

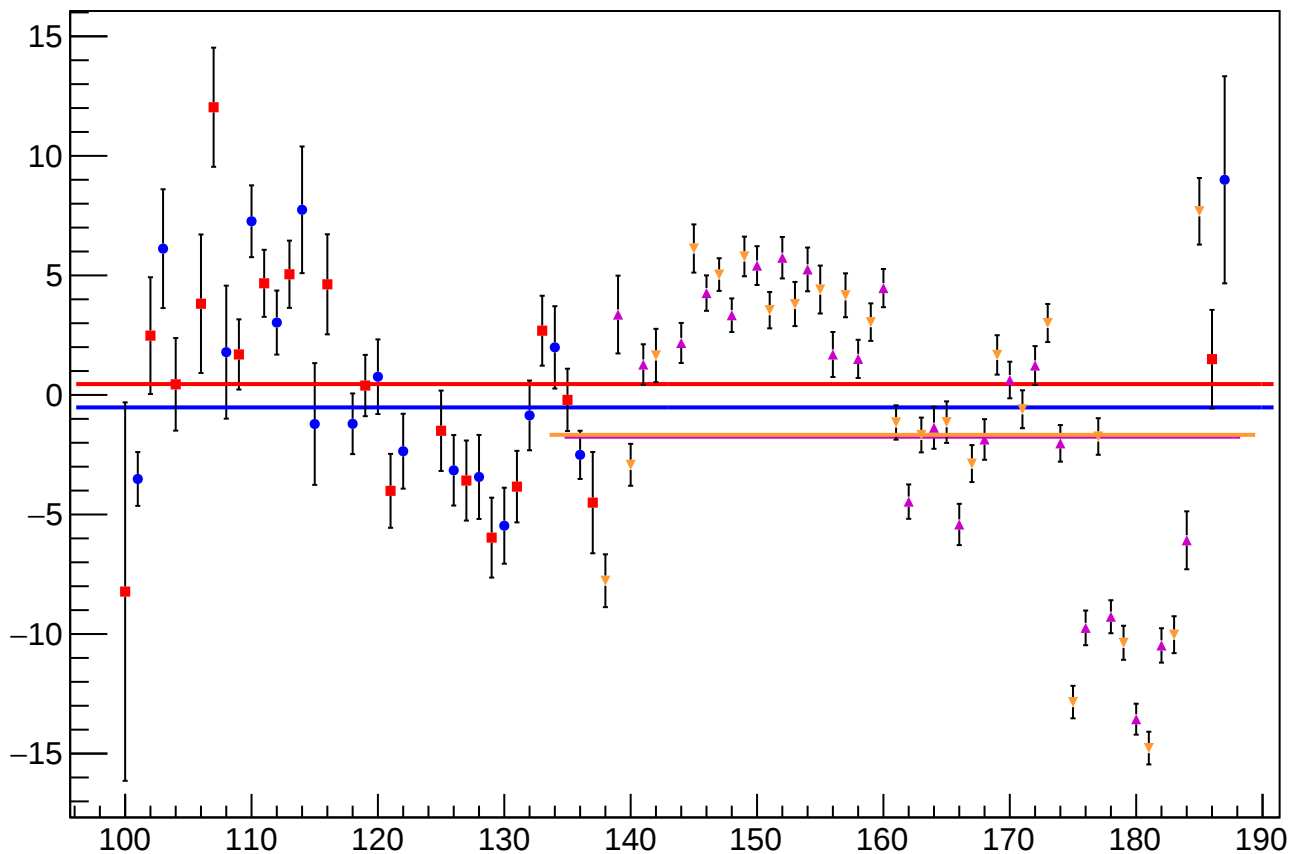
Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

+ sign -47.689 ± 0.177 χ^2/NDF : 5080.8/40

All: -48.392 ± 0.125 χ^2/NDF : 9781.5/82

- sign -49.078 ± 0.175 χ^2/NDF : 4669.7/41

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.521 ± 0.382 χ^2/NDF : 87.5/16

Left Out: -1.668 ± 0.167 χ^2/NDF : 1479.3/23

Right Out: 0.455 ± 0.392 χ^2/NDF : 96.1/18

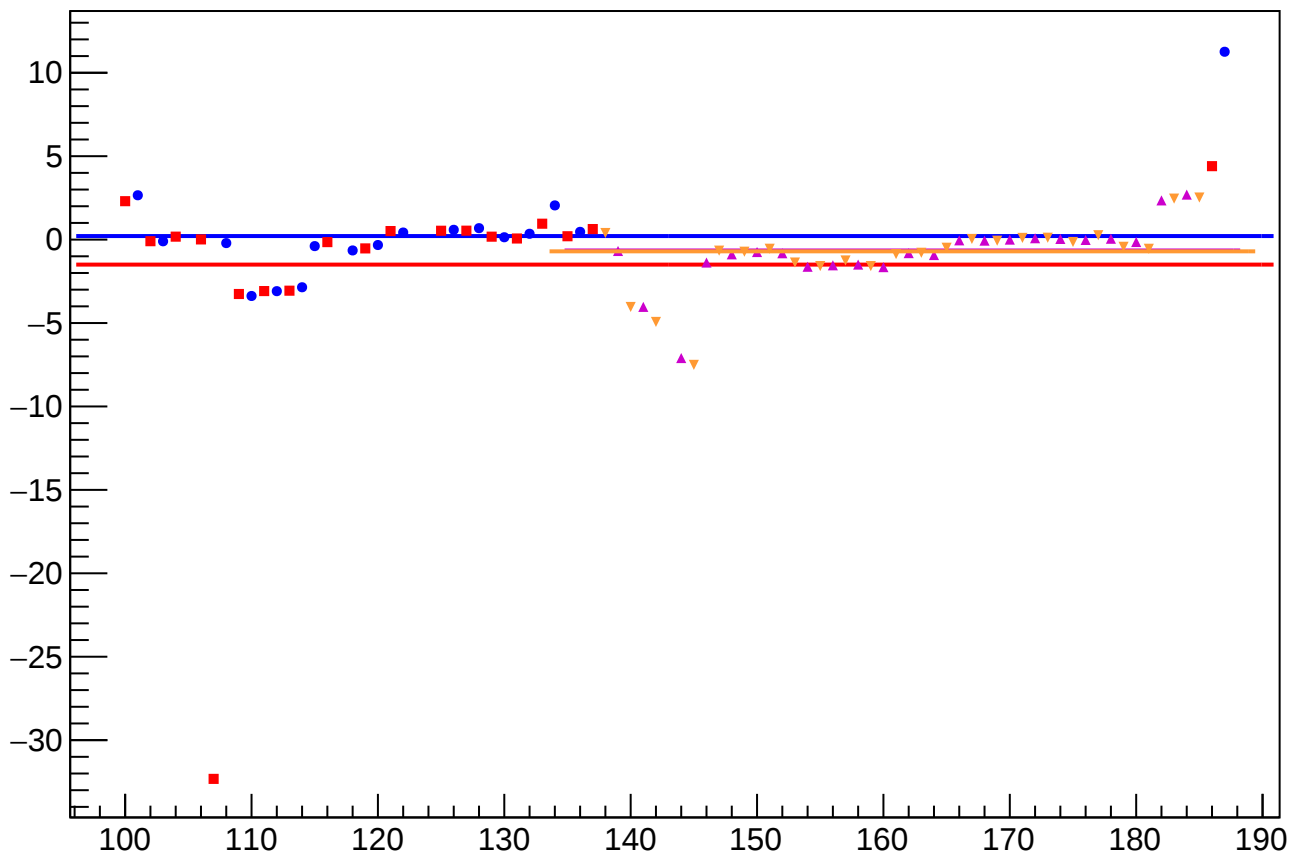
Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

+ sign -1.485 ± 0.153 χ^2/NDF : 1574.3/40

All: -1.445 ± 0.109 χ^2/NDF : 2951.2/82

- sign -1.404 ± 0.155 χ^2/NDF : 1376.7/41

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.213 ± 0.021 χ^2/NDF : 7308.5/16

Left Out: -0.703 ± 0.008 χ^2/NDF : 53770.3/23

Right Out: -1.498 ± 0.022 χ^2/NDF : 79571.4/18

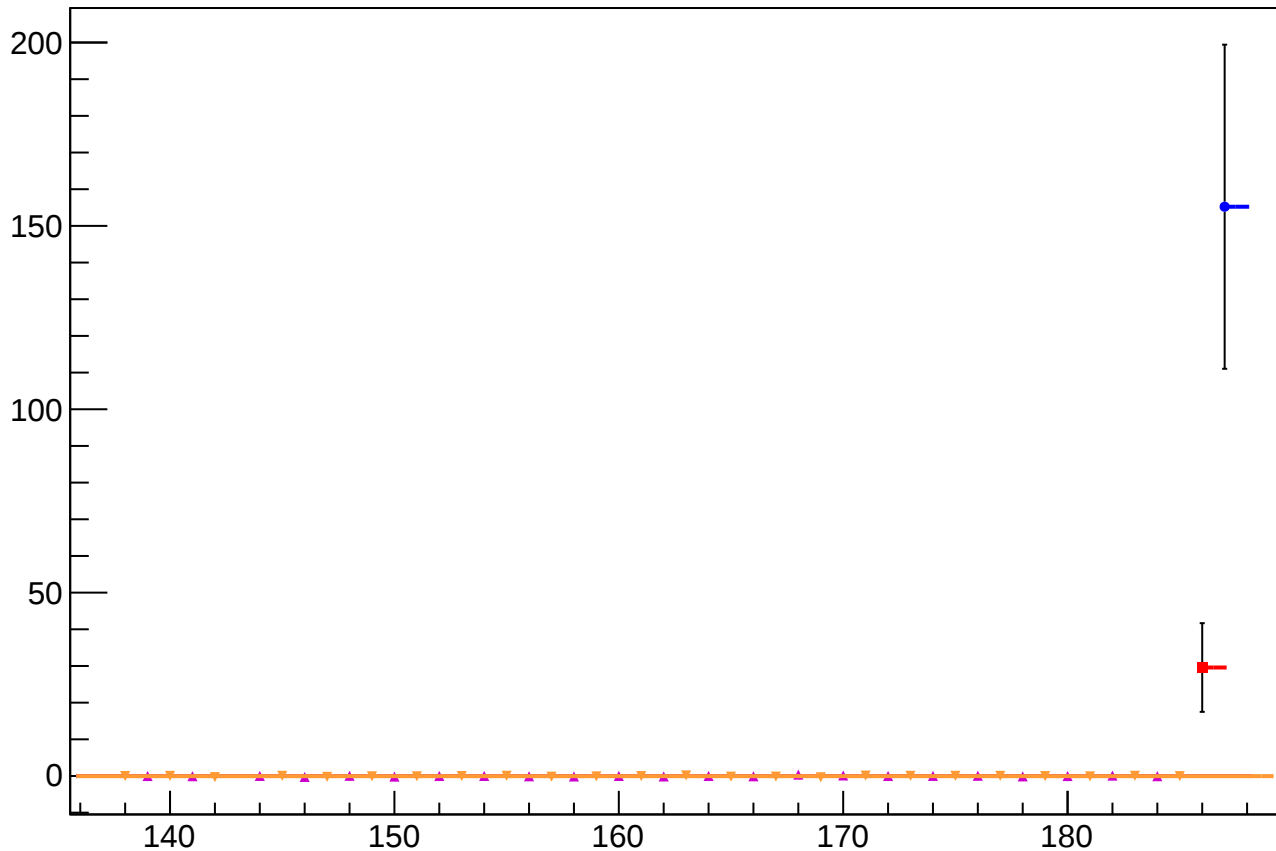
Left In: -0.651 ± 0.008 χ^2/NDF : 44167.1/22

+ sign -0.599 ± 0.007 χ^2/NDF : 62701.7/40

All: -0.672 ± 0.005 χ^2/NDF : 188017.4/82

- sign -0.746 ± 0.007 χ^2/NDF : 125108.0/41

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 155.225 $\pm$ 44.188 χ^2 /NDF: 0.0/0

Left Out: -0.038 $\pm$ 0.018 χ^2 /NDF: 35.6/23

Right Out: 29.583 $\pm$ 12.092 χ^2 /NDF: 0.0/0

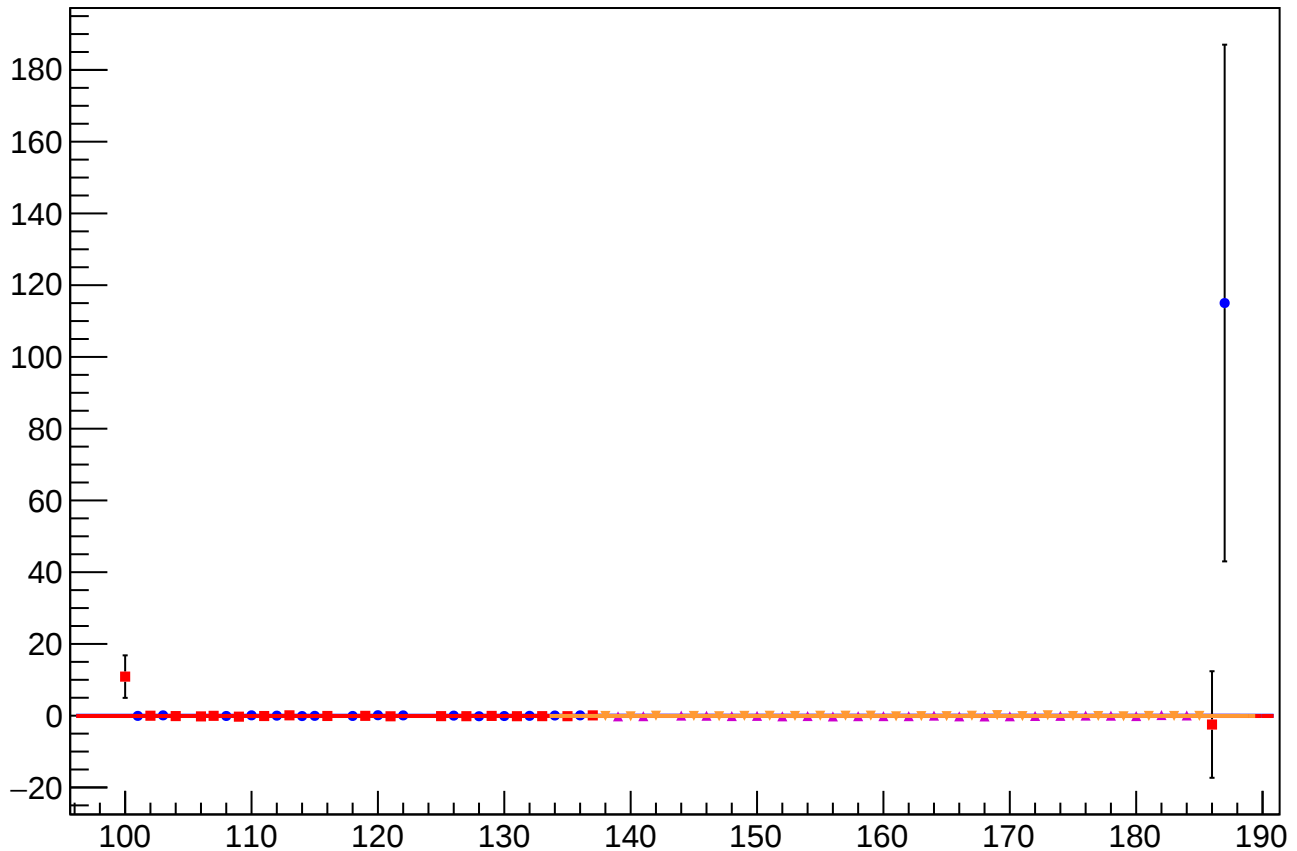
Left In: -0.009 $\pm$ 0.018 χ^2 /NDF: 35.3/22

+ sign -0.038 $\pm$ 0.018 χ^2 /NDF: 47.9/24

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 90.5/48

- sign -0.009 $\pm$ 0.018 χ^2 /NDF: 41.3/23

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 14.8/16

Left Out: -0.073 ± 0.014 $\chi^2/\text{NDF}: 27.8/23$

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/18

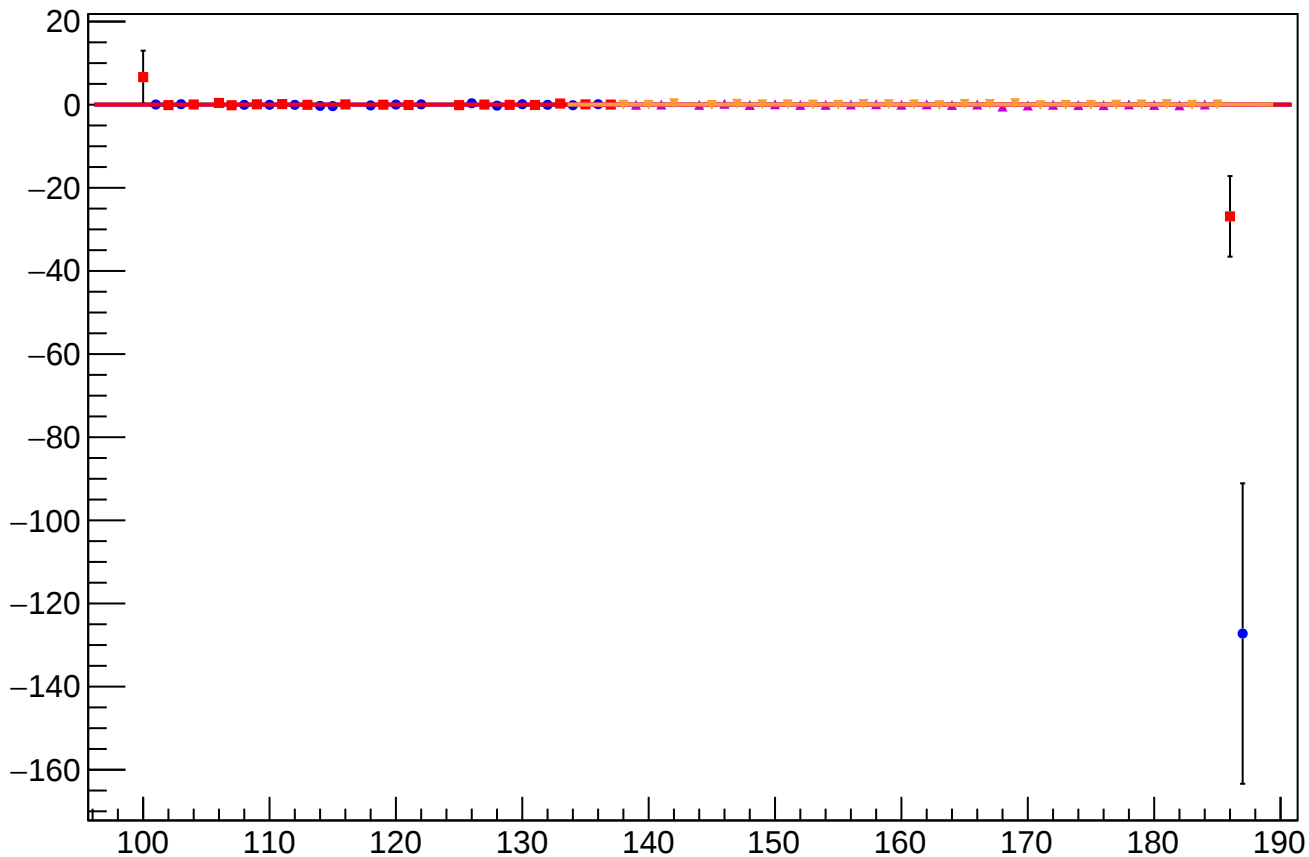
Left In: -0.065+/-0.014 χ^2/NDF :40.4/22

+ sign -0.057 $\pm$ 0.012 χ^2 /NDF: 47.5/40

All: -0.064 ± 0.009 χ^2/NDF : 102.2/82

- sign -0.072 ± 0.012 χ^2/NDF : 53.9/41

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 22.0/16

Left Out: 0.036 ± 0.018 χ^2/NDF : 32.4/23

Right Out: 0.029 ± 0.045 χ^2/NDF : 16.9/18

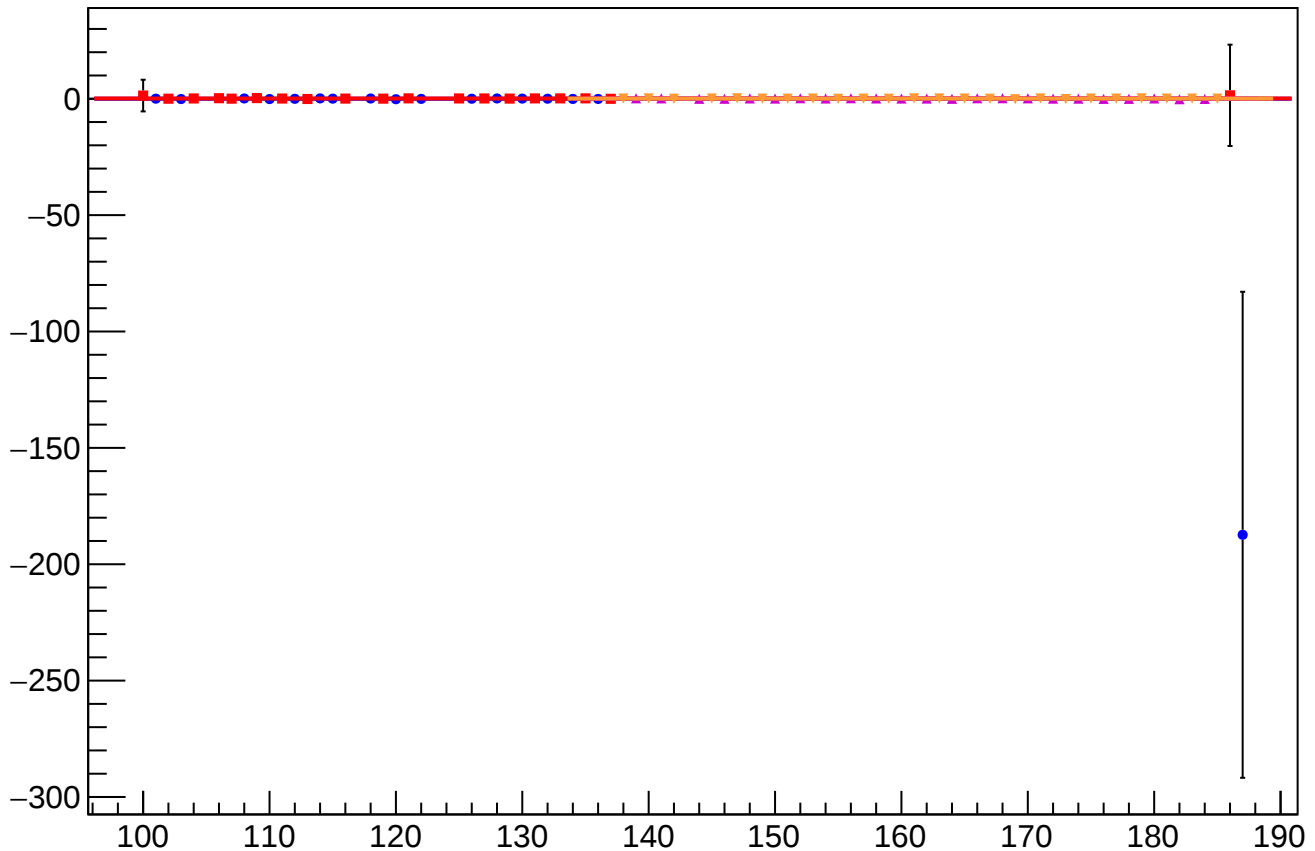
Left In: -0.010 ± 0.018 χ^2/NDF : 37.1/22

+ sign 0.033 ± 0.017 χ^2/NDF : 54.6/40

All: 0.014 ± 0.012 χ^2/NDF : 111.8/82

- sign -0.005 ± 0.017 χ^2/NDF : 54.6/41

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 15.3/16

Left Out: 0.086 $\pm$ 0.016 χ^2 /NDF: 27.8/23

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/18

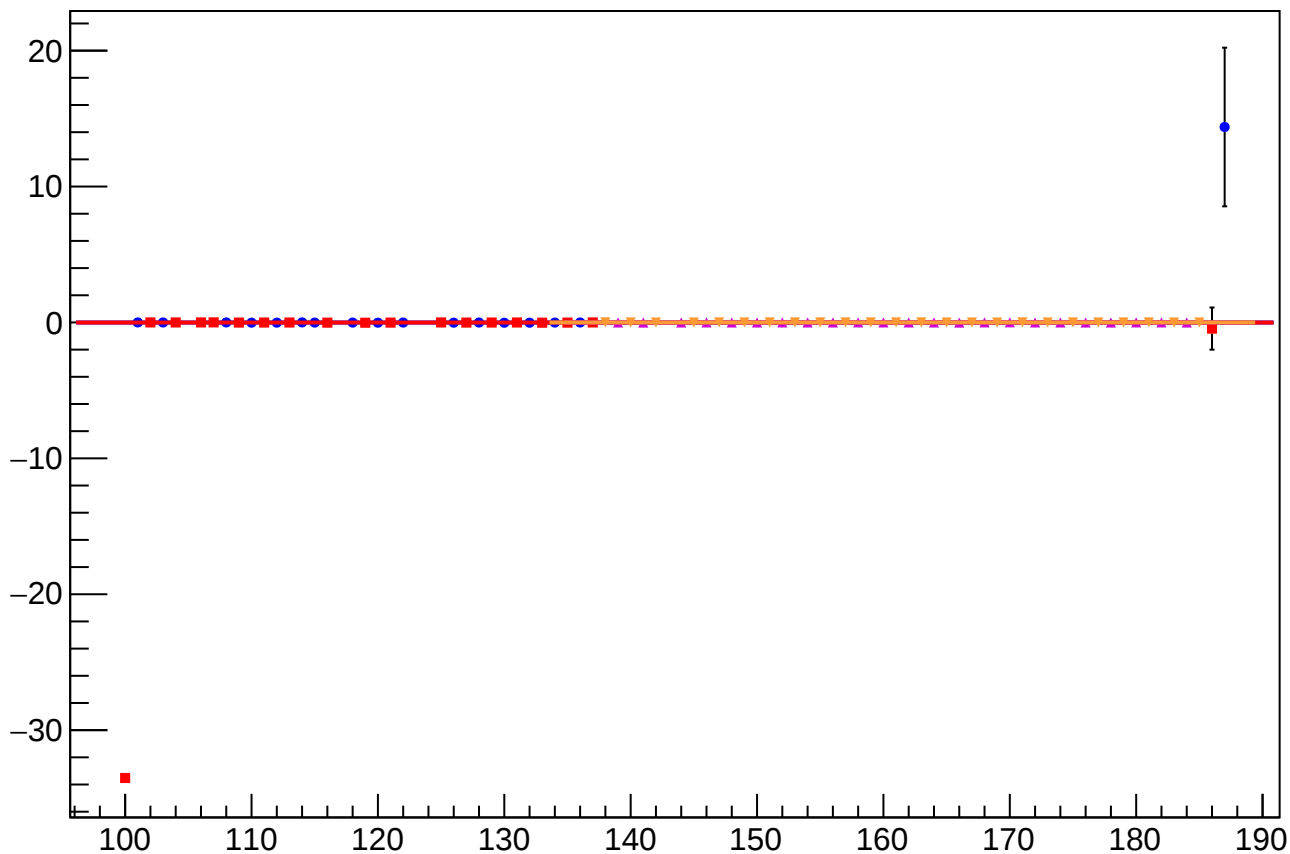
Left In: 0.071 $\pm$ 0.016 χ^2 /NDF: 44.0/22

+ sign 0.065 $\pm$ 0.014 χ^2 /NDF: 49.5/40

All: 0.073 $\pm$ 0.010 χ^2 /NDF: 103.4/82

- sign 0.081 $\pm$ 0.014 χ^2 /NDF: 53.3/41

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 28.7/16

Left Out: 0.000 ± 0.001 χ^2/NDF : 23.9/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 26509.0/18

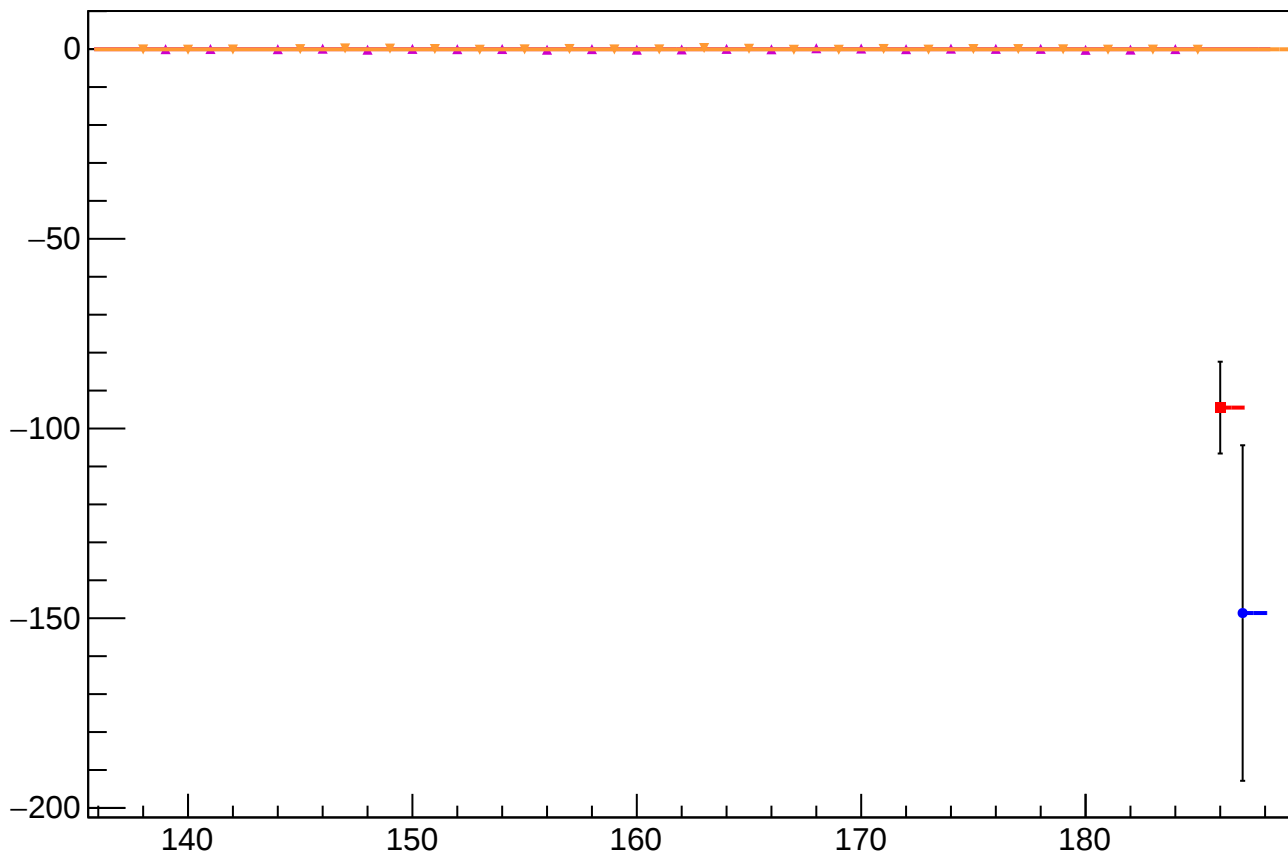
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ sign -0.001 ± 0.001 χ^2/NDF : 65.6/40

All: -0.001 ± 0.000 χ^2/NDF : 26610.9/82

- sign -0.001 ± 0.001 χ^2/NDF : 26545.3/41

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -148.630+/-44.216 χ^2/NDF : 0.0/0

Left Out: -0.052+/-0.018 χ^2/NDF : 37.3/23

Right Out: -94.487+/-12.098 χ^2/NDF : 0.0/0

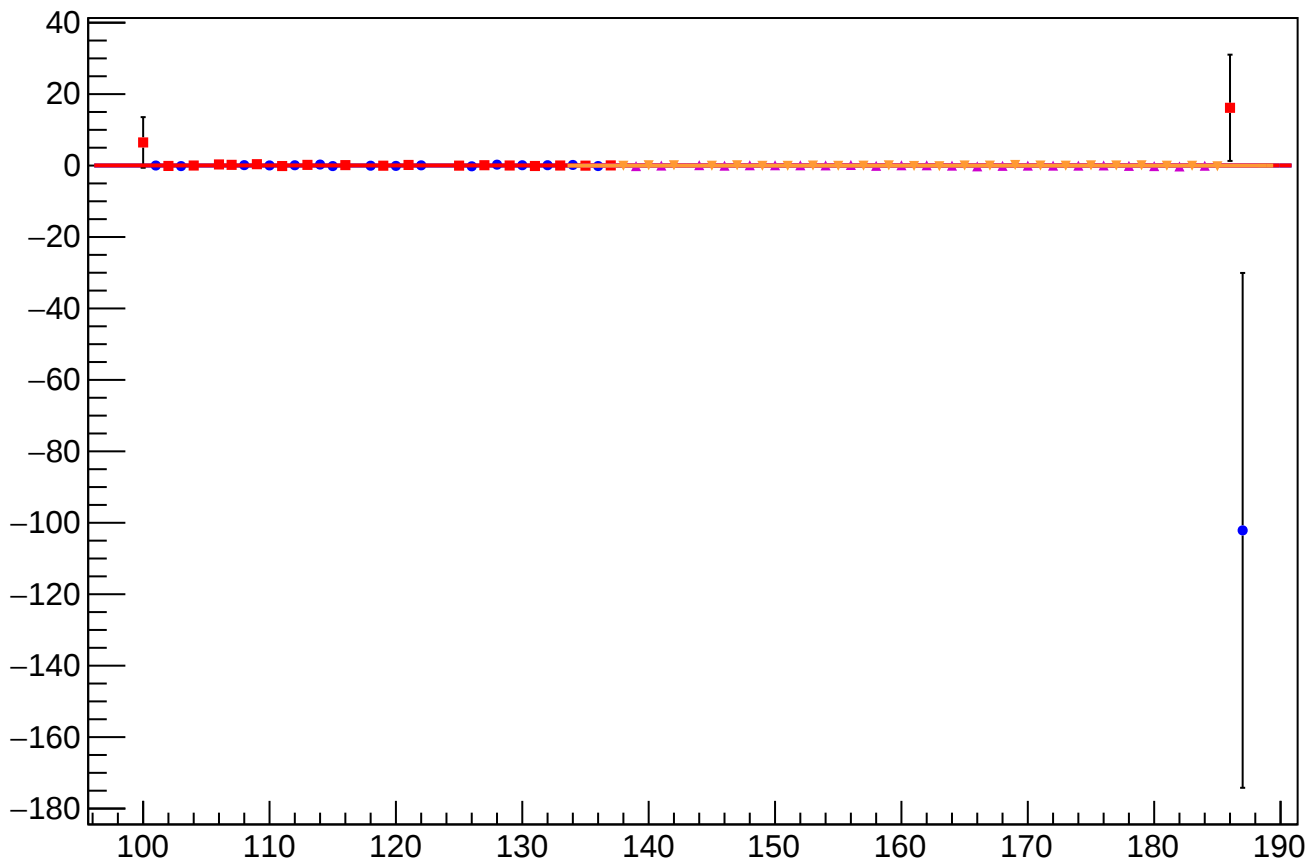
Left In: -0.010+/-0.018 χ^2/NDF : 33.3/22

+ sign -0.052+/-0.018 χ^2/NDF : 48.6/24

All: -0.031+/-0.013 χ^2/NDF : 145.6/48

- sign -0.010+/-0.018 χ^2/NDF : 94.3/23

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 27.4/16

Left Out: -0.010 $\pm$ 0.014 χ^2 /NDF: 29.5/23

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 29.1/18

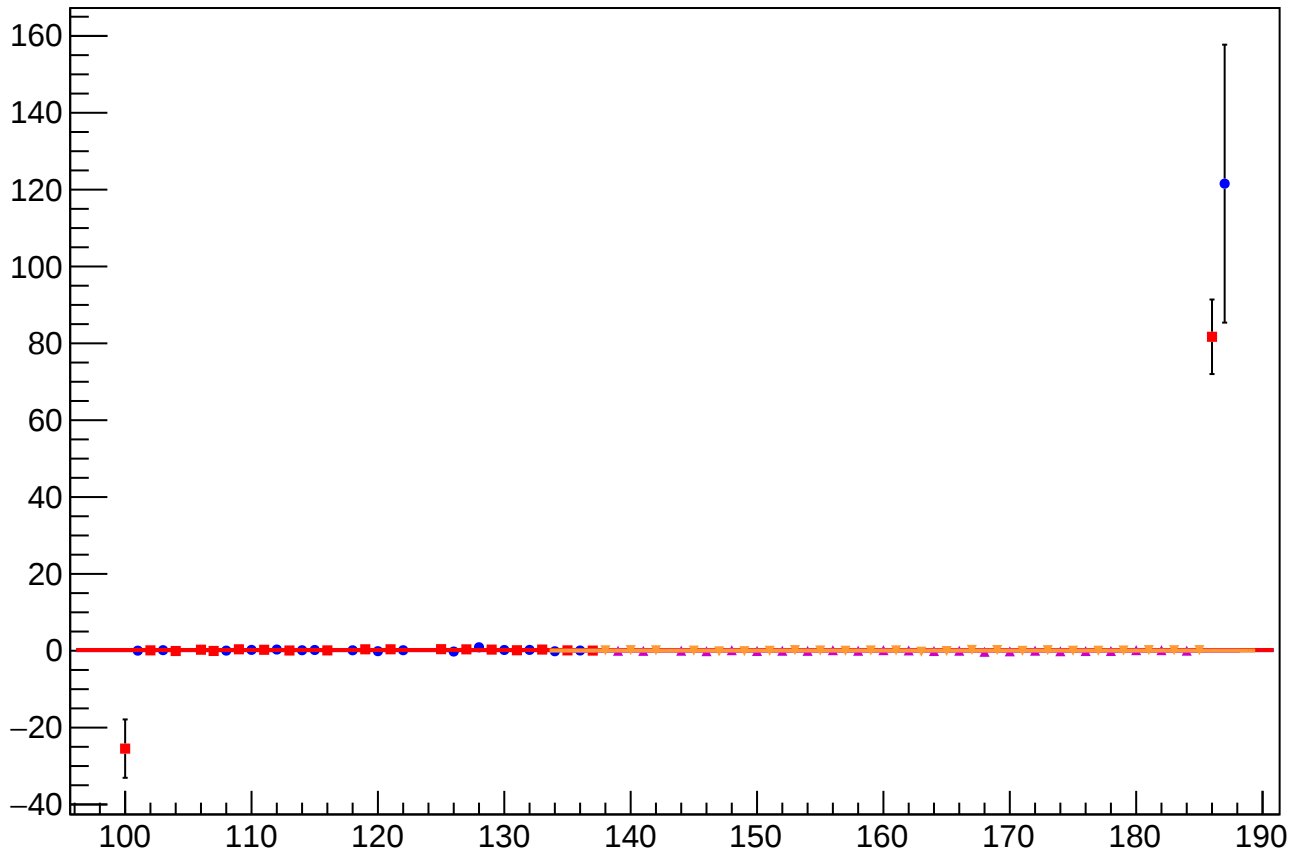
Left In: 0.004 $\pm$ 0.014 χ^2 /NDF: 50.3/22

+ sign -0.005 $\pm$ 0.012 χ^2 /NDF: 57.5/40

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 139.5/82

- sign 0.013 $\pm$ 0.012 χ^2 /NDF: 81.0/41

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 40.0/16

Left Out: 0.048 $\pm$ 0.018 χ^2 /NDF:35.4/23

Right Out: 0.202 $\pm$ 0.045 χ^2 /NDF: 93.5/18

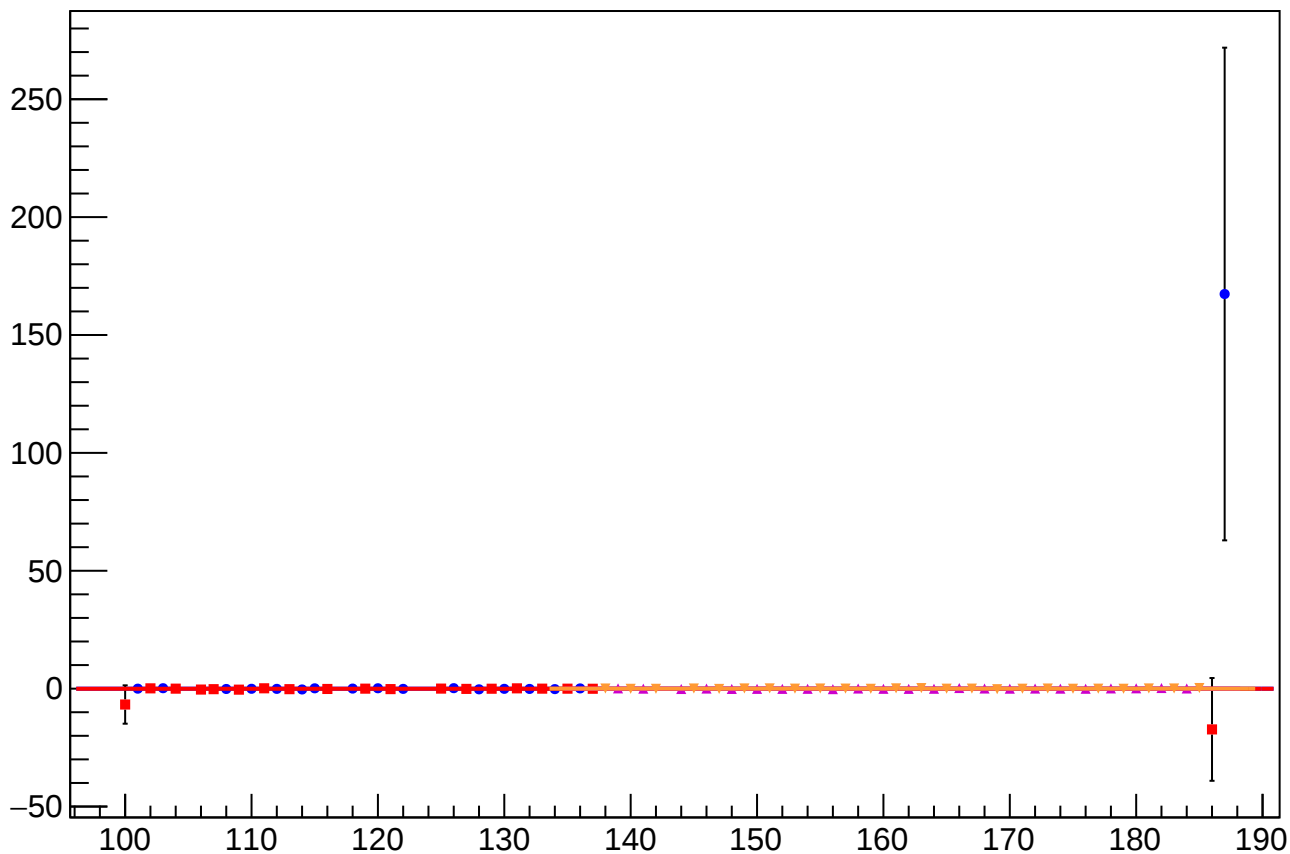
Left In: 0.021 $\pm$ 0.018 χ^2 /NDF:34.0/22

+ sign 0.063 $\pm$ 0.017 χ^2 /NDF: 80.4/40

All: 0.055 $\pm$ 0.012 χ^2 /NDF: 222.5/82

- sign 0.046 $\pm$ 0.017 χ^2 /NDF: 141.5/41

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 $\chi^2/\text{NDF}: 27.7/16$

Left Out: 0.021 ± 0.016 $\chi^2/\text{NDF}: 33.2/23$

Right Out: -0.050 ± 0.029 $\chi^2/\text{NDF}: 26.4/18$

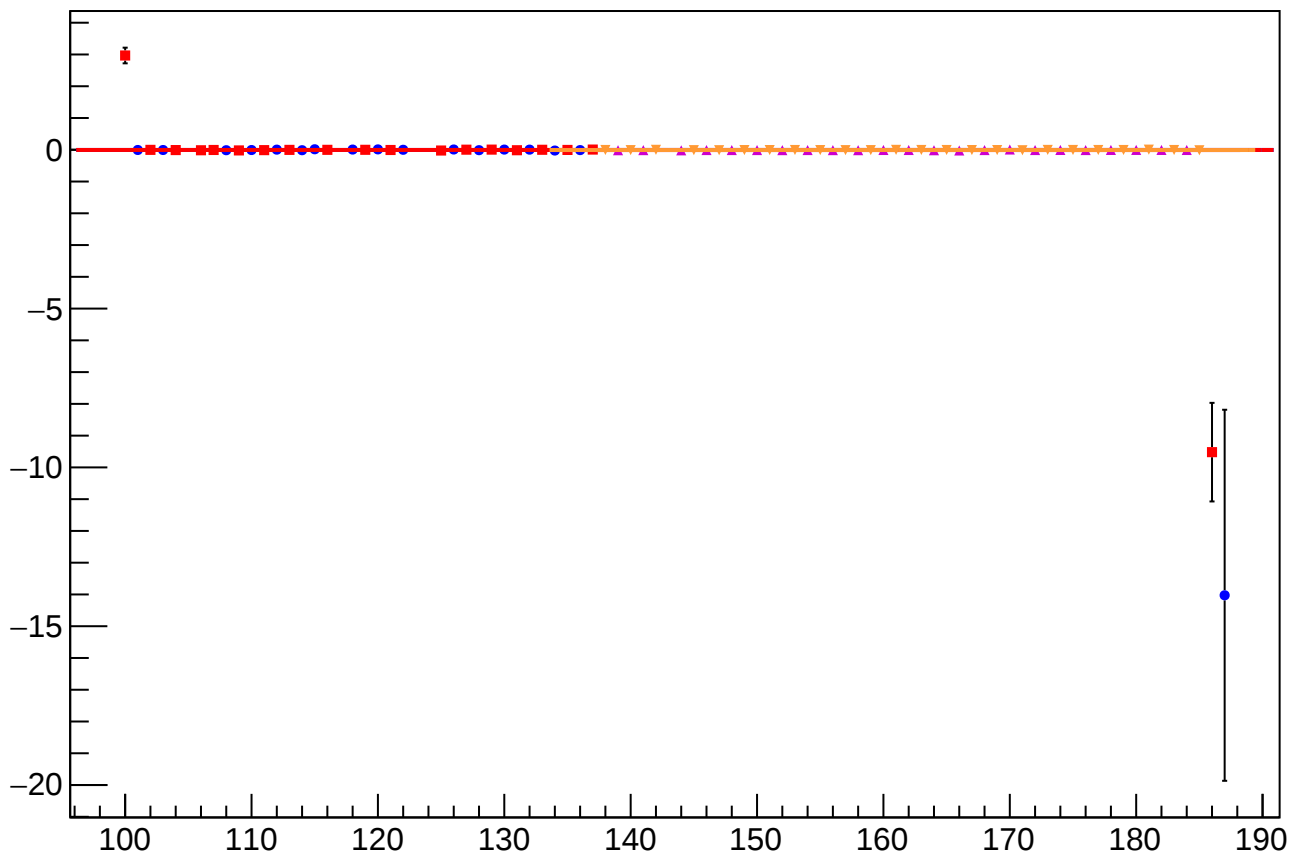
Left In: 0.007 ± 0.016 $\chi^2/\text{NDF}: 50.7/22$

+ sign 0.012 ± 0.014 $\chi^2/\text{NDF}: 62.1/40$

All: 0.003 ± 0.010 $\chi^2/\text{NDF}: 143.0/82$

- sign -0.007 ± 0.014 $\chi^2/\text{NDF}: 80.0/41$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 34.8/16

Left Out: -0.008 ± 0.001 χ^2/NDF : 31.9/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 203.4/18

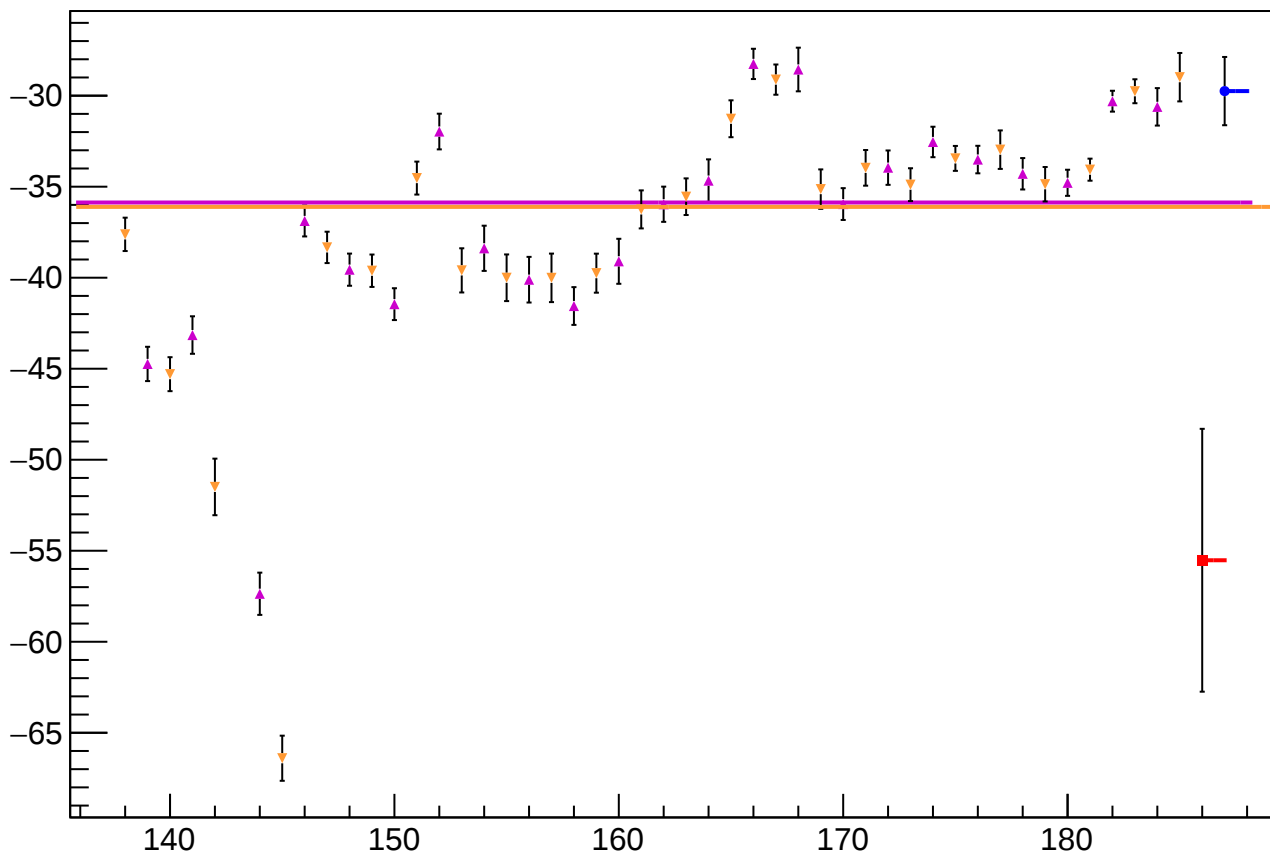
Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

+ sign -0.008 ± 0.001 χ^2/NDF : 68.5/40

All: -0.008 ± 0.000 χ^2/NDF : 314.2/82

- sign -0.008 ± 0.001 χ^2/NDF : 245.5/41

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -29.748 +/- 1.875 χ^2/NDF : 0.0/0

Left Out: -36.110 +/- 0.192 χ^2/NDF : 1118.4/23

Right Out: -55.523 +/- 7.220 χ^2/NDF : 0.0/0

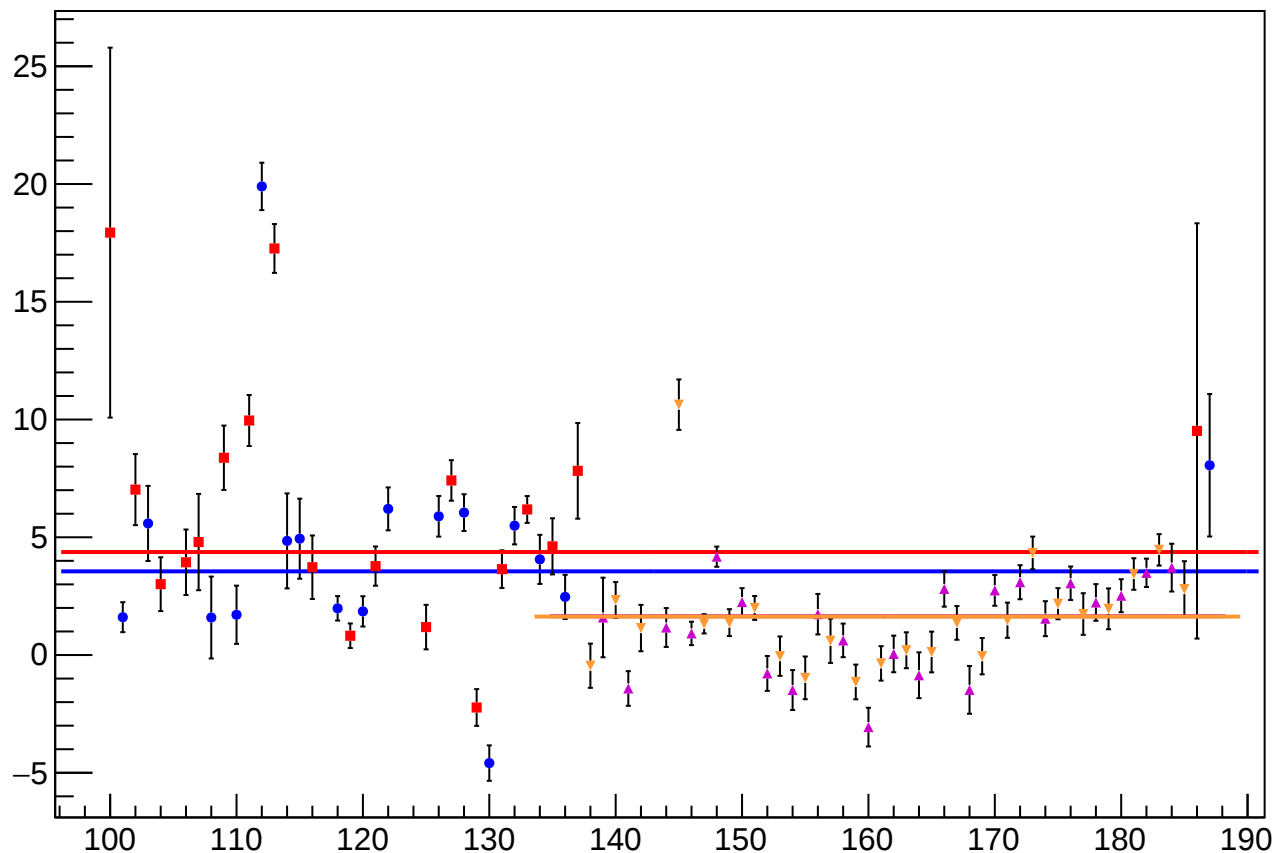
Left In: -35.869 +/- 0.191 χ^2/NDF : 887.1/22

+ sign -36.044 +/- 0.191 χ^2/NDF : 1129.8/24

All: -35.963 +/- 0.135 χ^2/NDF : 2024.7/48

- sign -35.883 +/- 0.191 χ^2/NDF : 894.5/23

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.553 $\pm$ 0.217 χ^2/NDF : 448.8/16

Left Out: 1.632 $\pm$ 0.148 χ^2/NDF : 166.7/23

Right Out: 4.373 $\pm$ 0.225 χ^2/NDF : 354.2/18

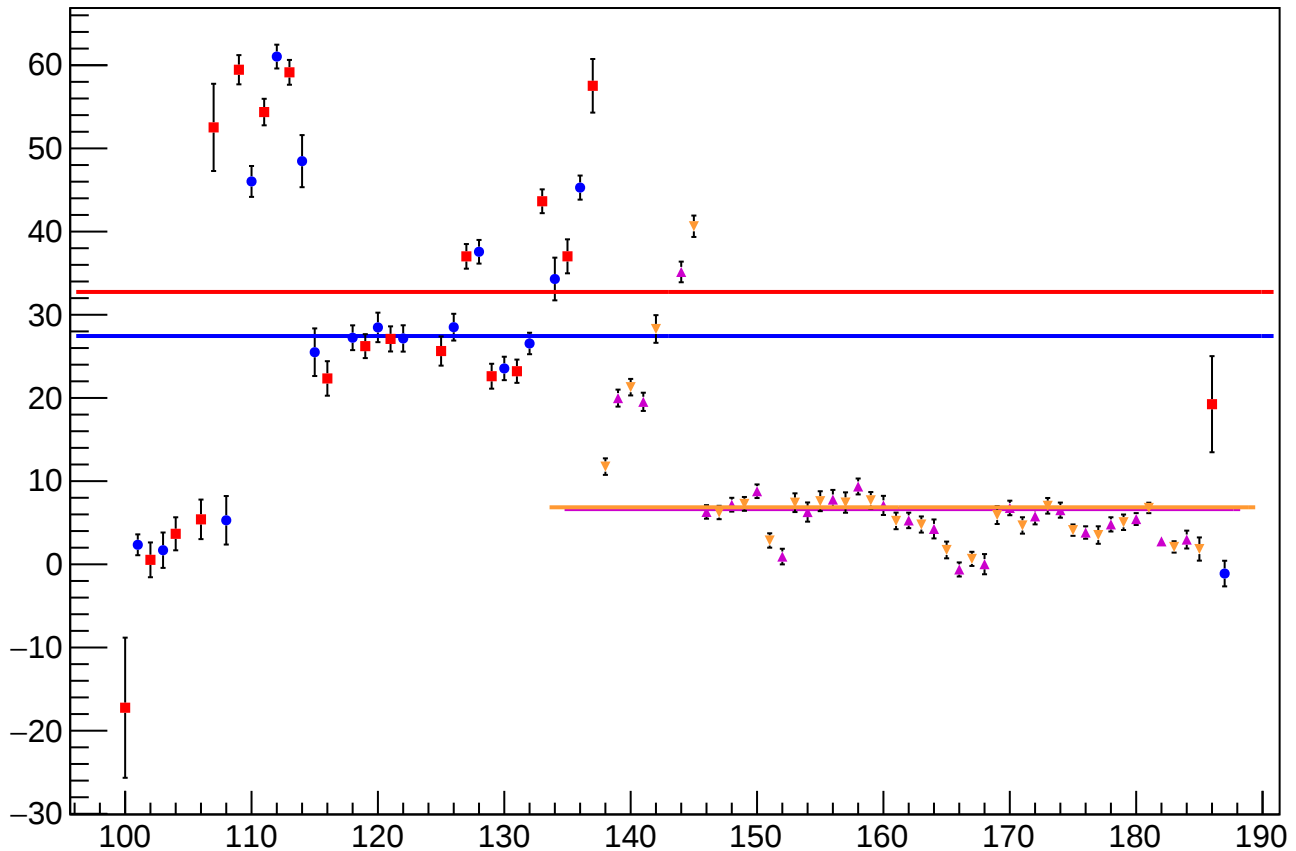
Left In: 1.646 $\pm$ 0.149 χ^2/NDF : 164.1/22

+ sign 2.241 $\pm$ 0.122 χ^2/NDF : 669.1/40

All: 2.357 $\pm$ 0.087 χ^2/NDF : 1291.0/82

- sign 2.477 $\pm$ 0.124 χ^2/NDF : 620.1/41

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 27.446 $\pm$ 0.402 χ^2 /NDF: 1863.5/16

Left Out: 6.855 $\pm$ 0.191 χ^2 /NDF:1298.7/23

Right Out: 32.744 $\pm$ 0.422 χ^2 /NDF: 1664.8/18

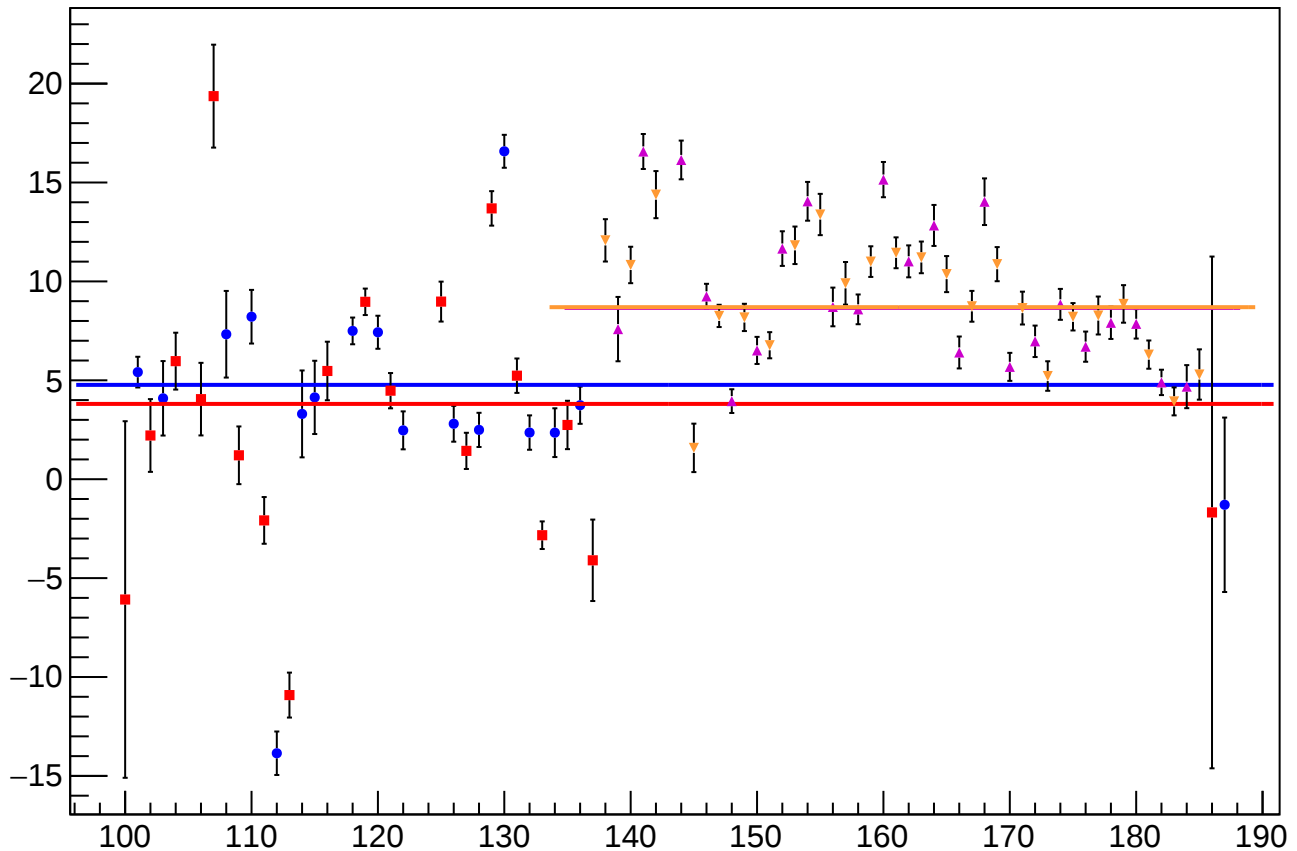
Left In: 6.639 $\pm$ 0.190 χ^2 /NDF:1077.2/22

+ sign 10.654 $\pm$ 0.173 χ^2 /NDF: 5298.4/40

All: 10.844 $\pm$ 0.122 χ^2 /NDF: 11229.3/82

- sign 11.035 $\pm$ 0.173 χ^2 /NDF: 5928.5/41

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.769 ± 0.251 χ^2/NDF : 555.8/16

Left Out: 8.697 ± 0.169 χ^2/NDF : 241.1/23

Right Out: 3.807 ± 0.259 χ^2/NDF : 567.8/18

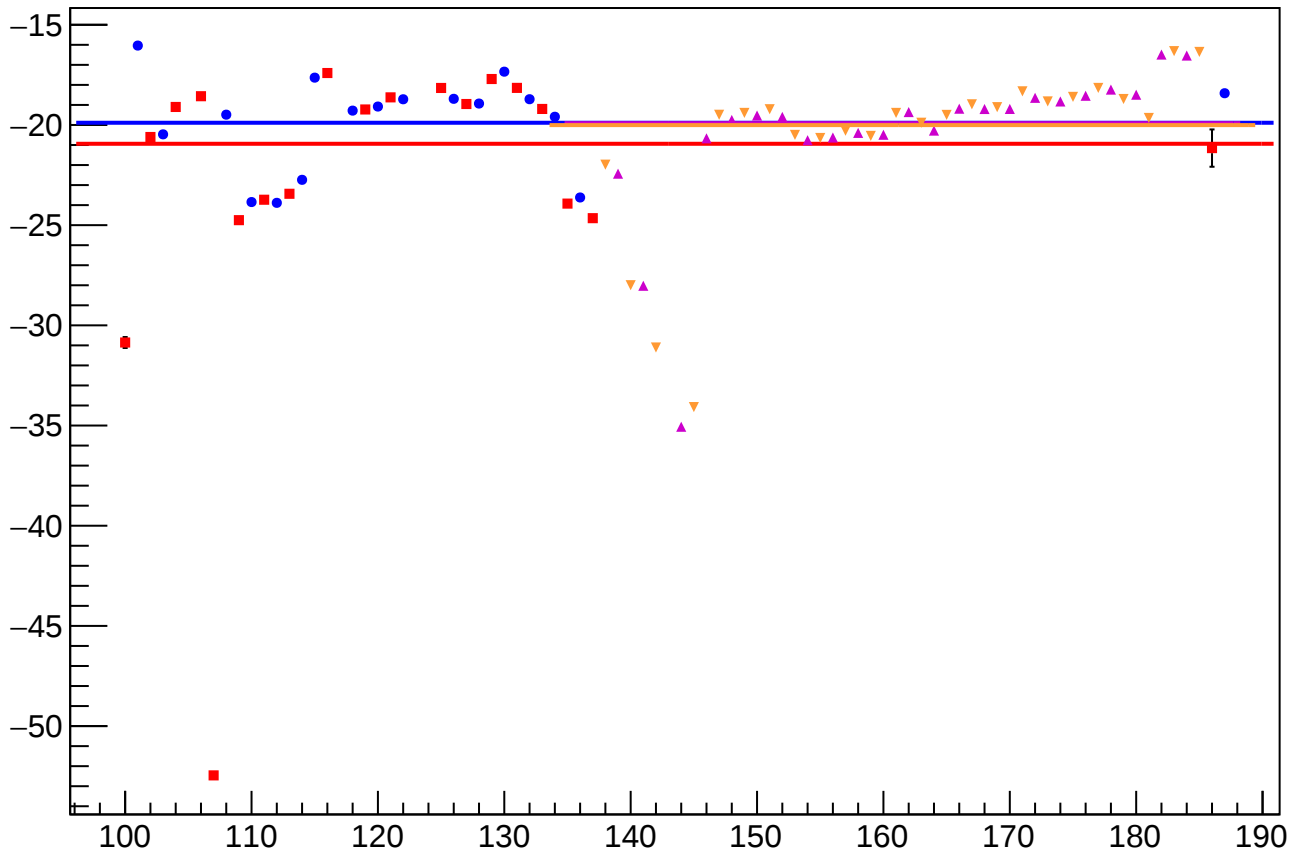
Left In: 8.659 ± 0.170 χ^2/NDF : 438.0/22

+ sign 7.471 ± 0.140 χ^2/NDF : 965.6/40

All: 7.337 ± 0.100 χ^2/NDF : 2219.1/82

- sign 7.200 ± 0.142 χ^2/NDF : 1251.6/41

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.889 ± 0.016 χ^2/NDF : 26109.0/16

Left Out: -20.007 ± 0.008 χ^2/NDF : 171647.2/23

Right Out: -20.939 ± 0.016 χ^2/NDF : 94065.2/18

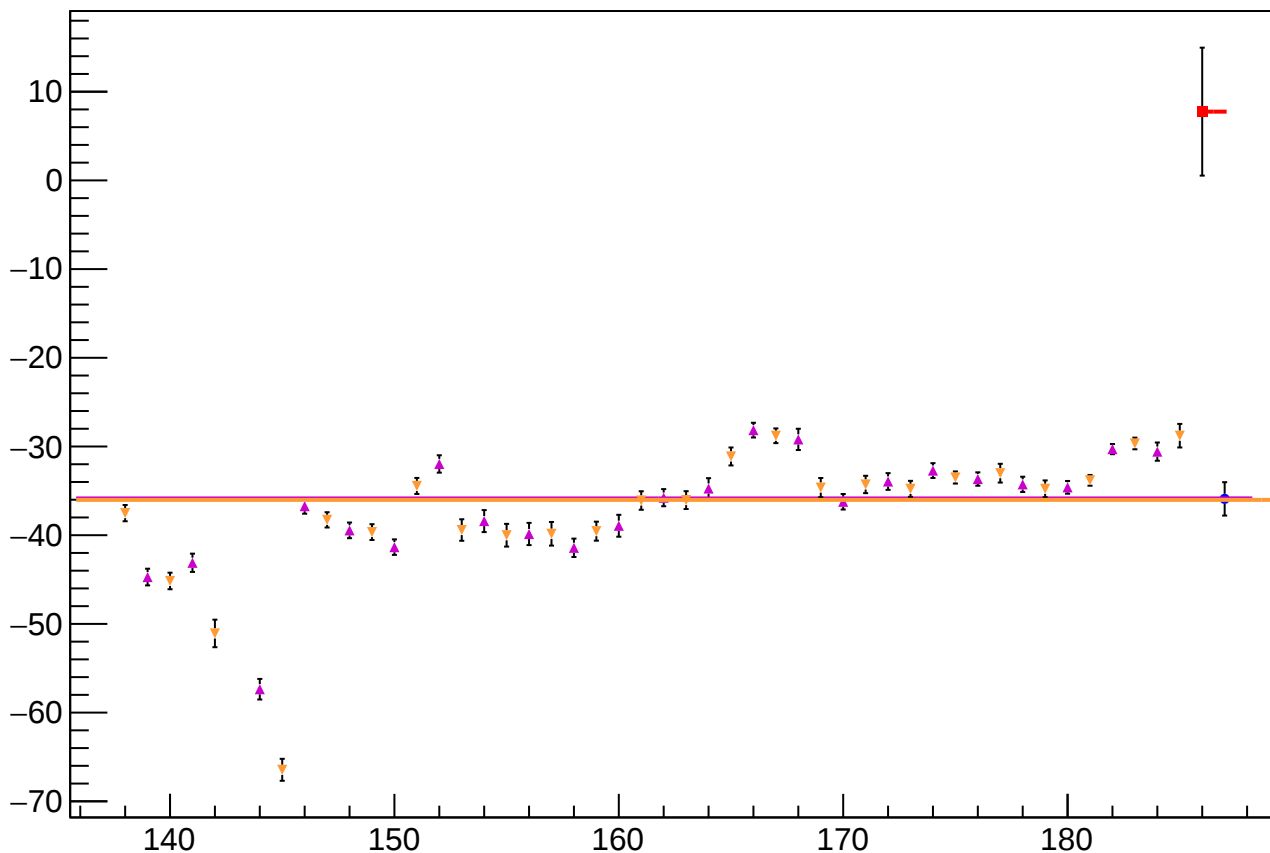
Left In: -19.912 ± 0.008 χ^2/NDF : 145487.3/22

+ sign -19.983 ± 0.007 χ^2/NDF : 197801.6/40

All: -20.050 ± 0.005 χ^2/NDF : 440956.8/82

- sign -20.116 ± 0.007 χ^2/NDF : 242975.4/41

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -35.906 ± 1.881 χ^2/NDF : 0.0/0

Left Out: -36.019 ± 0.192 χ^2/NDF : 1125.4/23

Right Out: 7.751 ± 7.212 χ^2/NDF : 0.0/0

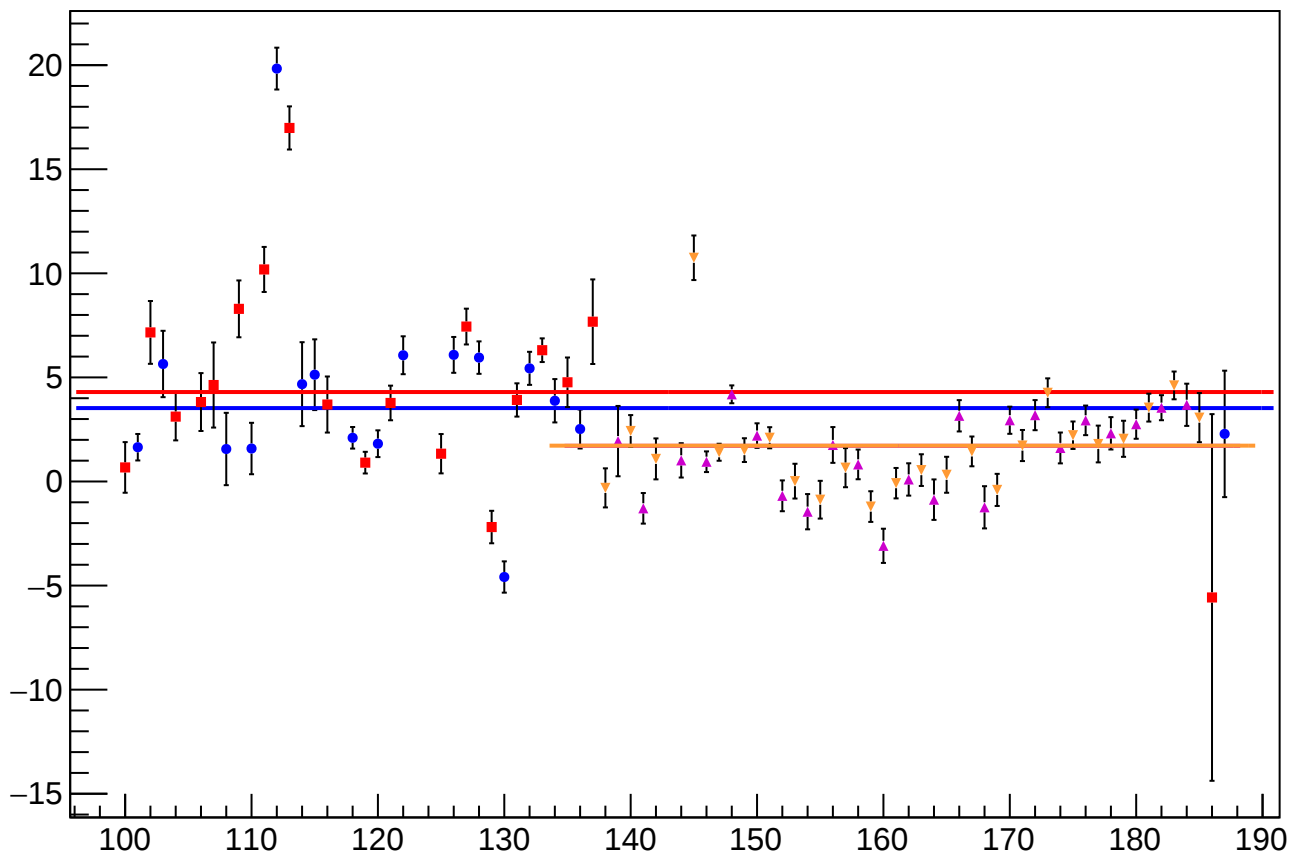
Left In: -35.856 ± 0.191 χ^2/NDF : 875.9/22

+ sign -36.018 ± 0.191 χ^2/NDF : 1125.4/24

All: -35.921 ± 0.135 χ^2/NDF : 2038.3/48

- sign -35.825 ± 0.190 χ^2/NDF : 912.4/23

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.526 ± 0.217 χ^2/NDF : 443.4/16

Left Out: 1.721 ± 0.148 χ^2/NDF : 168.3/23

Right Out: 4.297 ± 0.221 χ^2/NDF : 354.0/18

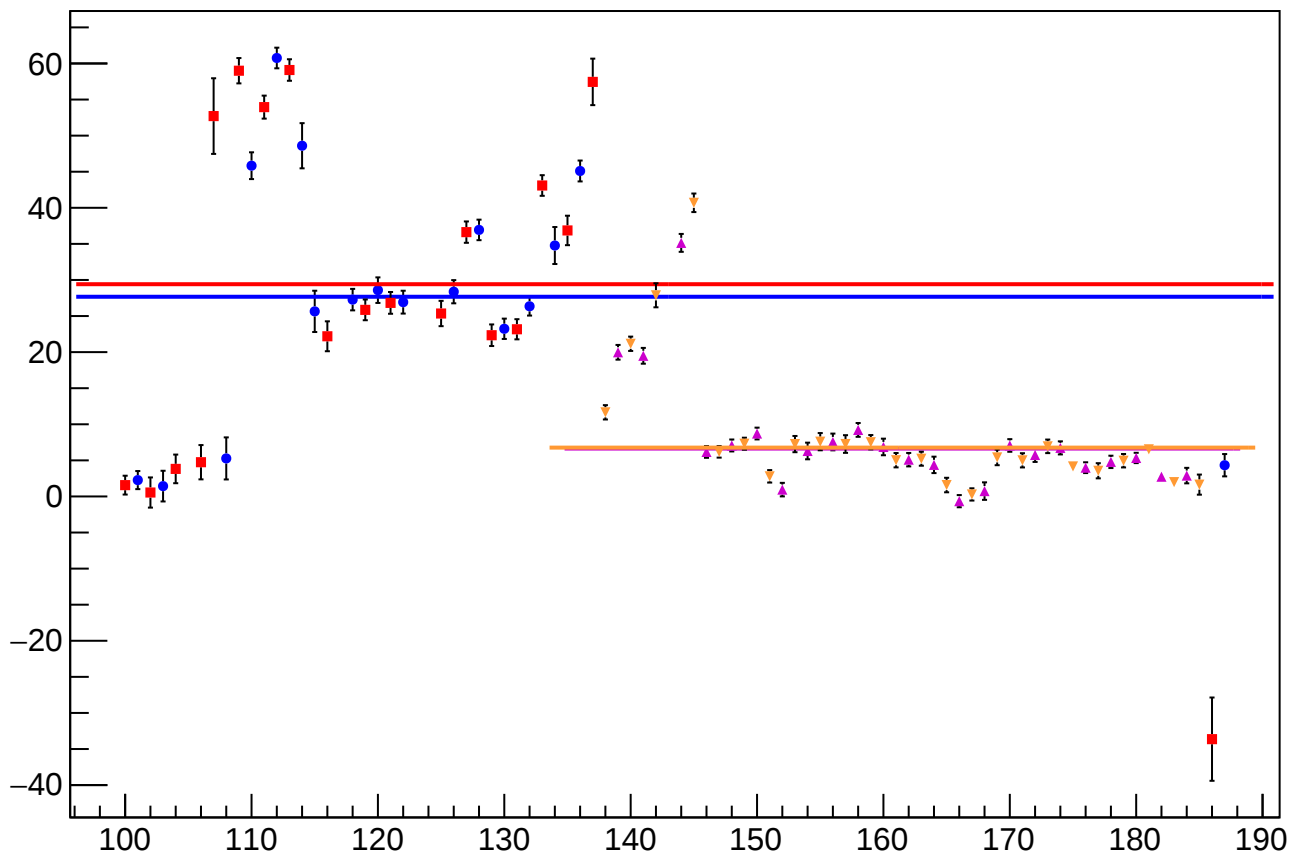
Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.293 ± 0.122 χ^2/NDF : 659.1/40

All: 2.404 ± 0.087 χ^2/NDF : 1272.6/82

- sign 2.518 ± 0.124 χ^2/NDF : 611.9/41

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 27.673 $\pm$ 0.402 χ^2 /NDF: 1733.2/16

Left Out: 6.767 $\pm$ 0.191 χ^2 /NDF:1301.2/23

Right Out: 29.412 $\pm$ 0.401 χ^2 /NDF: 2249.5/18

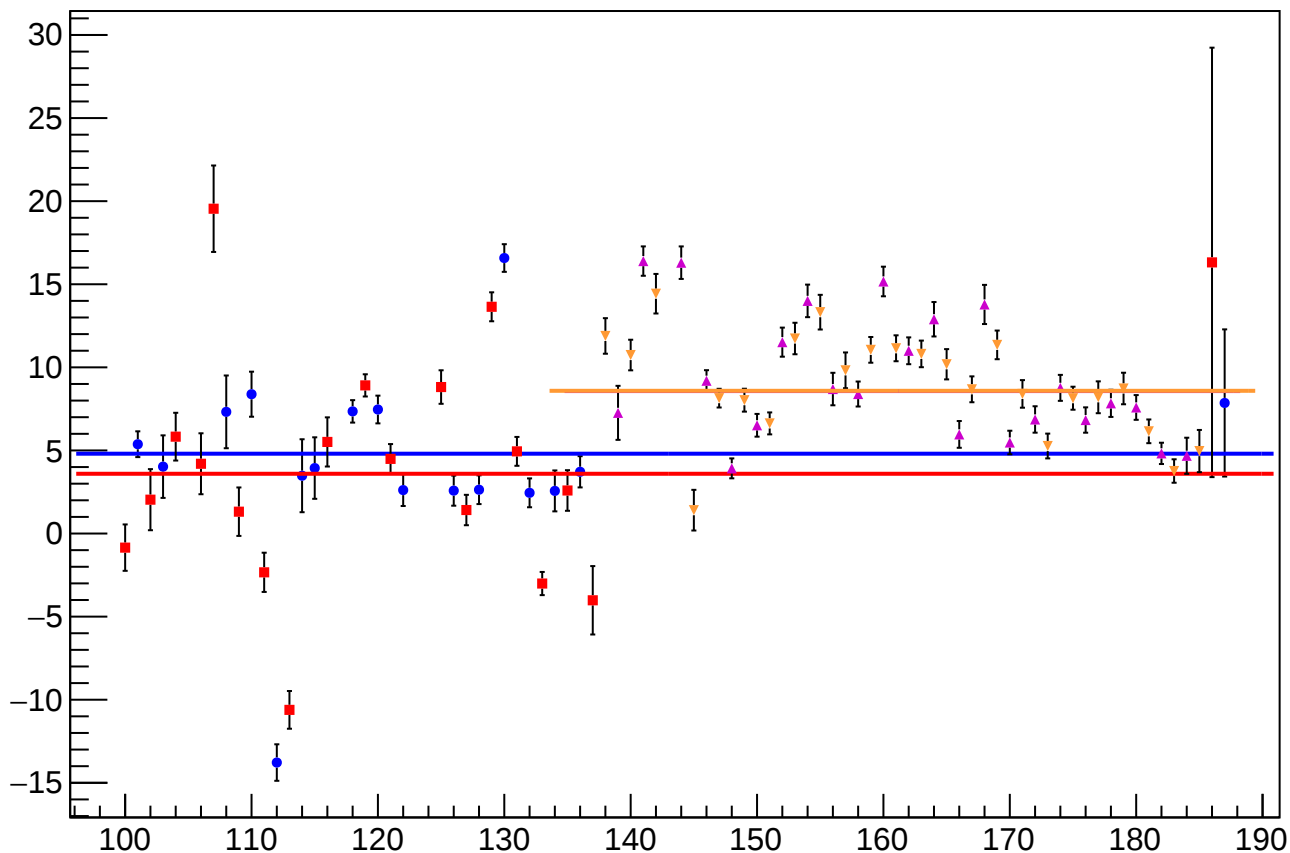
Left In: 6.635 $\pm$ 0.190 χ^2 /NDF:1070.4/22

+ sign 10.623 $\pm$ 0.173 χ^2 /NDF: 5238.5/40

All: 10.707 $\pm$ 0.122 χ^2 /NDF: 11190.3/82

- sign 10.790 $\pm$ 0.171 χ^2 /NDF: 5951.4/41

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.804 ± 0.251 χ^2/NDF : 550.4/16

Left Out: 8.588 ± 0.169 χ^2/NDF : 245.6/23

Right Out: 3.596 ± 0.254 χ^2/NDF : 574.3/18

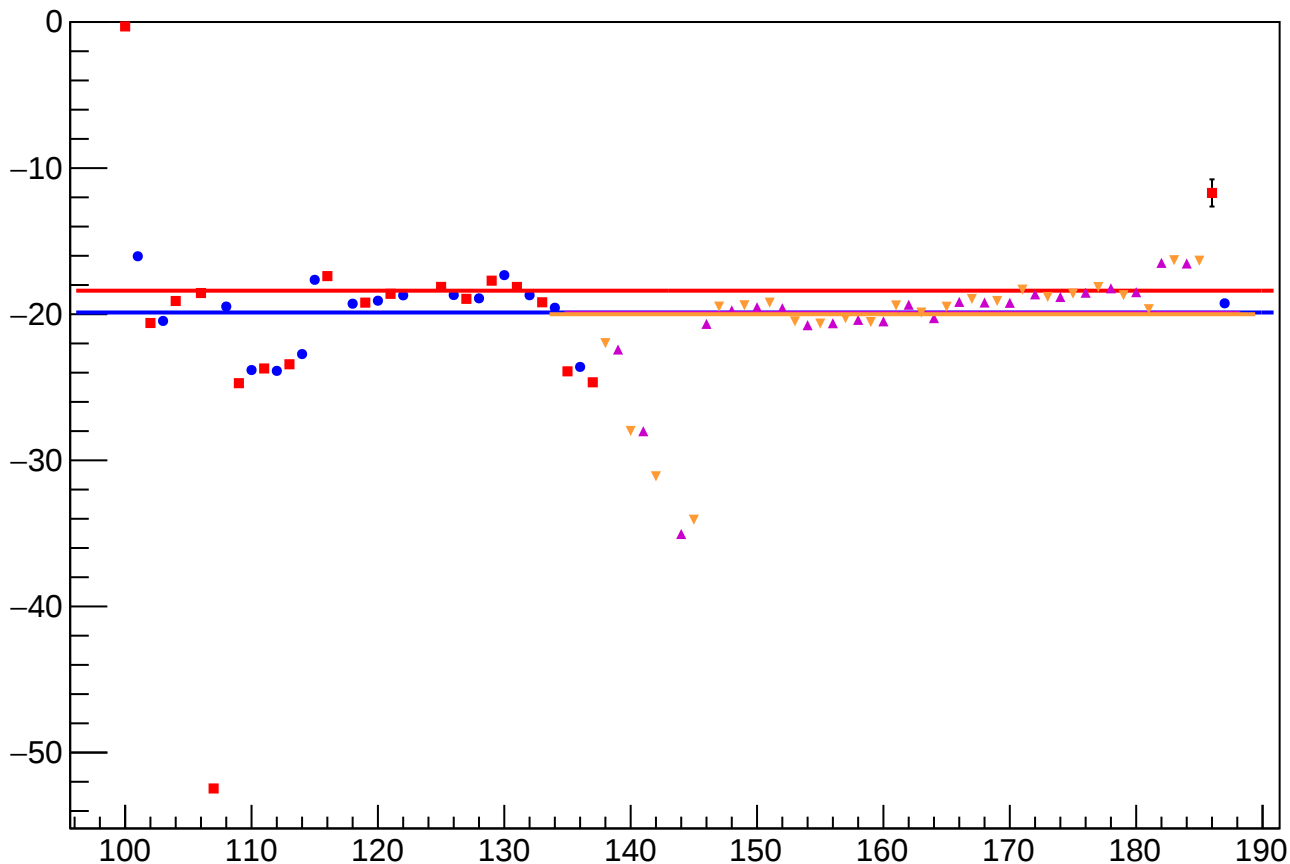
Left In: 8.573 ± 0.170 χ^2/NDF : 443.4/22

+ sign 7.407 ± 0.140 χ^2/NDF : 952.9/40

All: 7.226 ± 0.099 χ^2/NDF : 2238.9/82

- sign 7.042 ± 0.141 χ^2/NDF : 1282.6/41

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.881 ± 0.016 χ^2/NDF : 26069.8/16

Left Out: -19.999 ± 0.008 χ^2/NDF : 171834.0/23

Right Out: -18.388 ± 0.015 χ^2/NDF : 301299.5/18

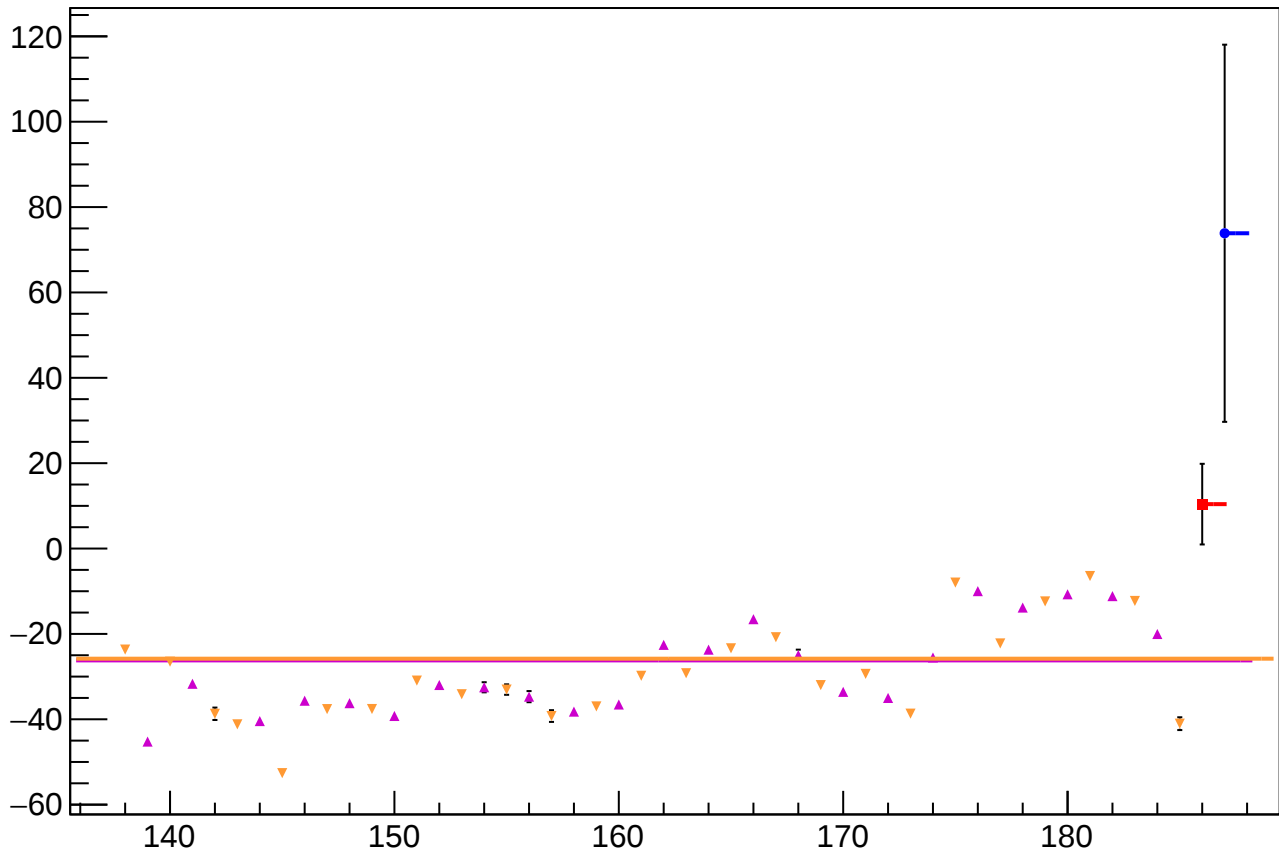
Left In: -19.905 ± 0.008 χ^2/NDF : 145346.7/22

+ sign -19.975 ± 0.007 χ^2/NDF : 197950.0/40

All: -19.770 ± 0.005 χ^2/NDF : 654535.8/82

- sign -19.572 ± 0.007 χ^2/NDF : 454915.1/41

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: 73.867 +/- 44.183 χ^2/NDF : 0.0/0

Left Out: -25.804 +/- 0.192 χ^2/NDF : 4127.8/24

Right Out: 10.404 +/- 9.447 χ^2/NDF : 0.0/0

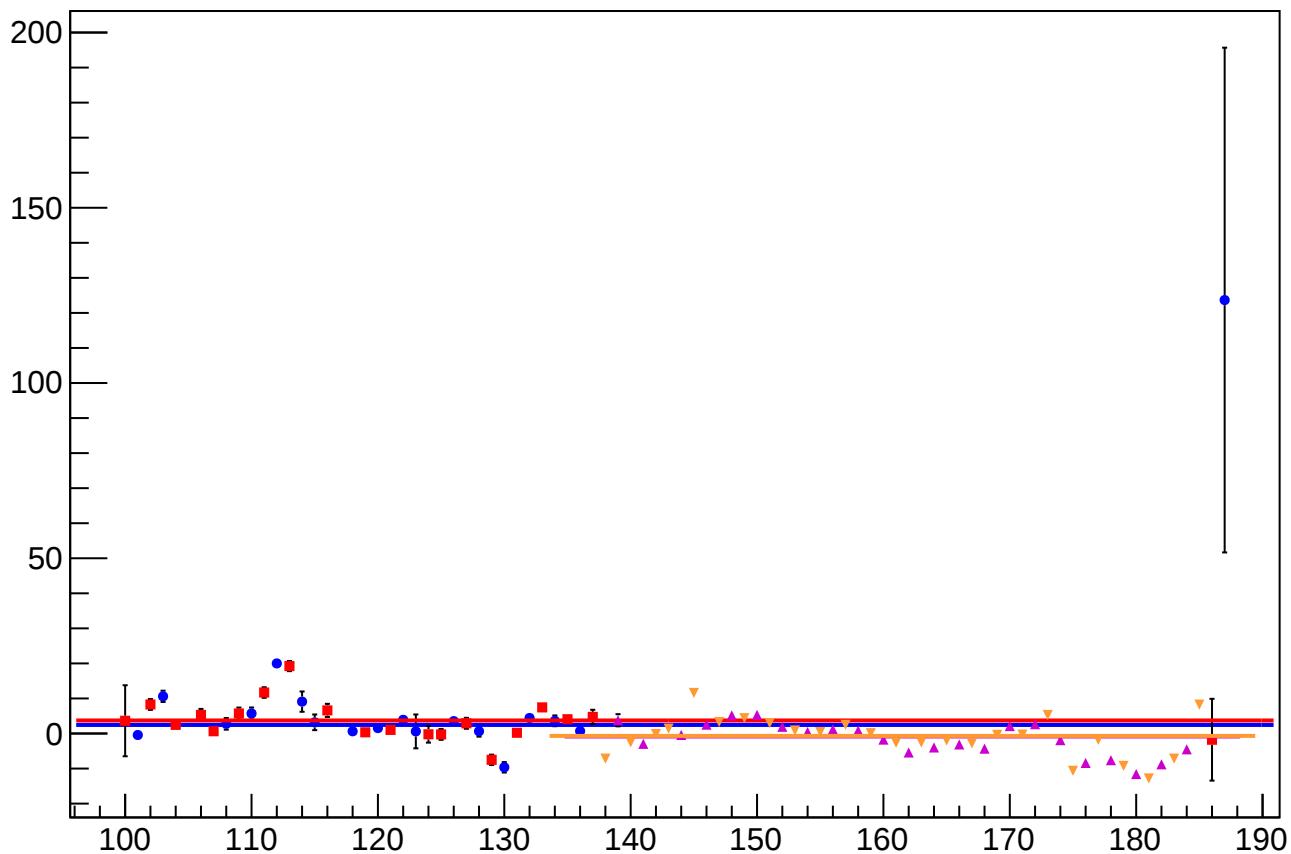
Left In: -26.204 +/- 0.194 χ^2/NDF : 3377.8/22

+ sign -25.802 +/- 0.192 χ^2/NDF : 4132.9/25

All: -25.993 +/- 0.137 χ^2/NDF : 7527.7/49

- sign -26.188 +/- 0.194 χ^2/NDF : 3392.8/23

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.446 $\pm$ 0.311 χ^2 /NDF: 298.1/17

Left Out: -0.681 $\pm$ 0.147 χ^2 /NDF:1314.3/24

Right Out: 3.721 $\pm$ 0.327 χ^2 /NDF: 269.3/19

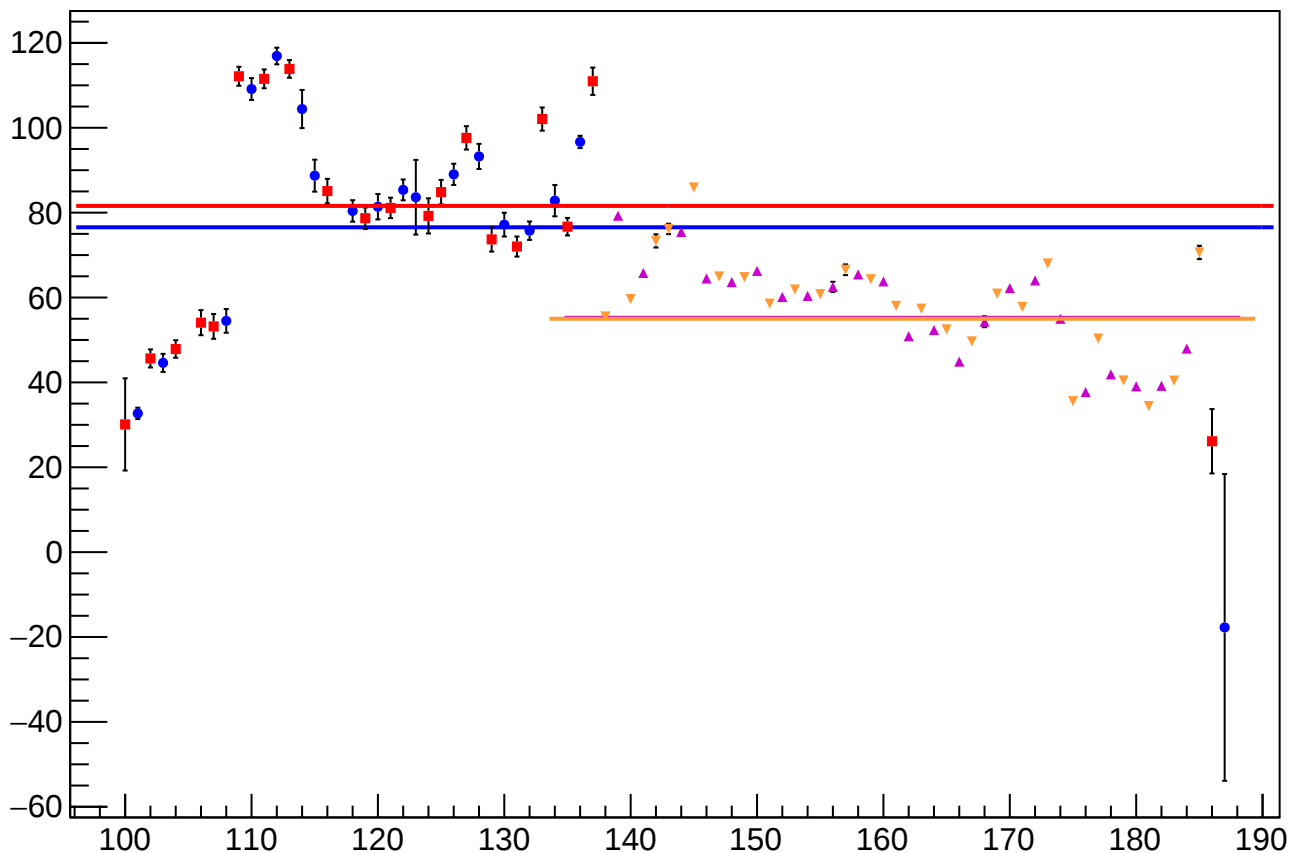
Left In: -0.842 $\pm$ 0.150 χ^2 /NDF:1071.6/22

+ sign -0.112 $\pm$ 0.133 χ^2 /NDF: 1695.1/42

All: -0.081 $\pm$ 0.095 χ^2 /NDF: 3197.3/85

- sign -0.047 $\pm$ 0.136 χ^2 /NDF: 1502.1/42

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.549 $\pm$ 0.573 χ^2 /NDF: 2260.4/17

Left Out: 55.000 $\pm$ 0.192 χ^2 /NDF: 4524.8/24

Right Out: 81.585 $\pm$ 0.590 χ^2 /NDF: 1624.4/19

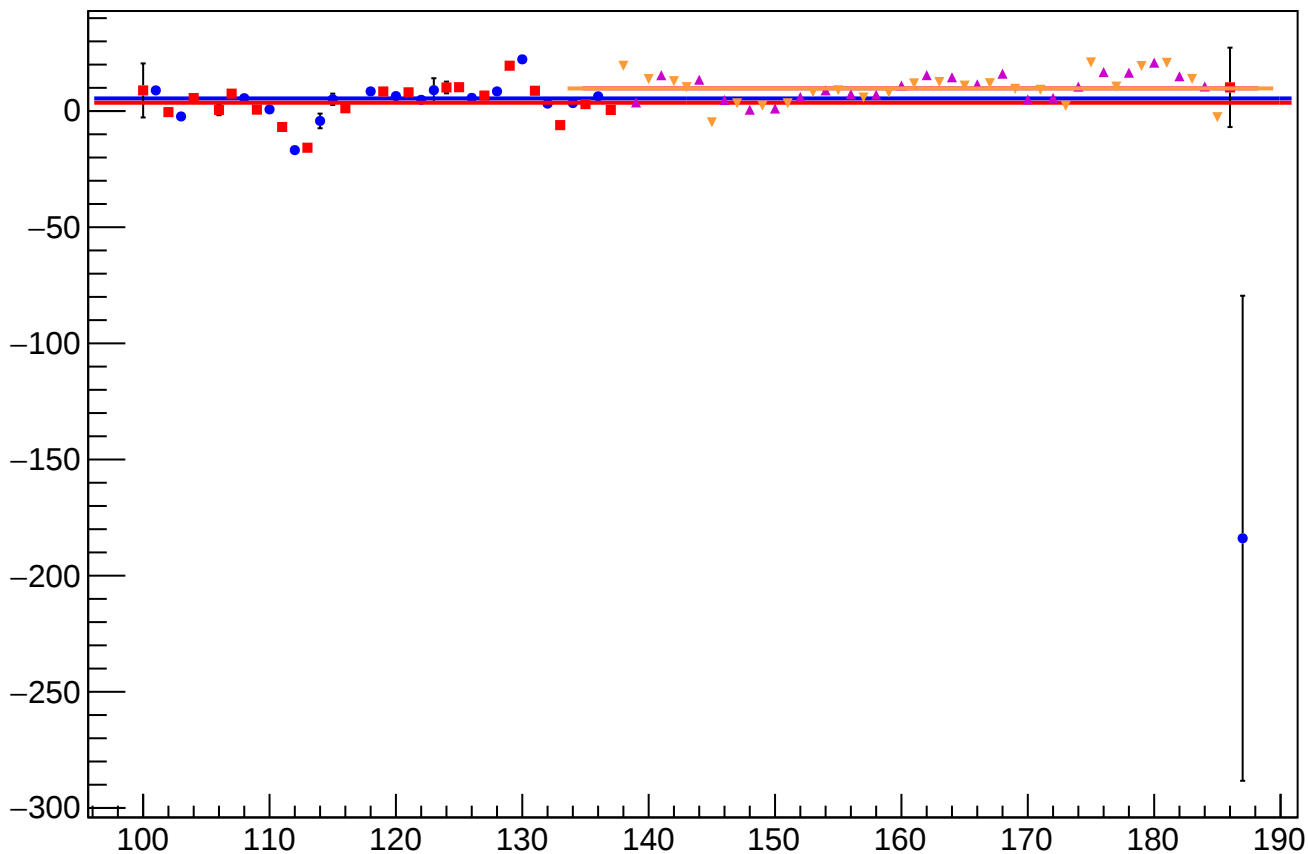
Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

+ sign 57.170 $\pm$ 0.182 χ^2 /NDF: 8056.0/42

All: 57.467 $\pm$ 0.129 χ^2 /NDF: 15313.7/85

- sign 57.767 $\pm$ 0.183 χ^2 /NDF: 7252.3/42

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.440 ± 0.357 χ^2/NDF : 390.7/17

Left Out: 9.750 ± 0.168 χ^2/NDF : 1449.2/24

Right Out: 3.588 ± 0.375 χ^2/NDF : 423.4/19

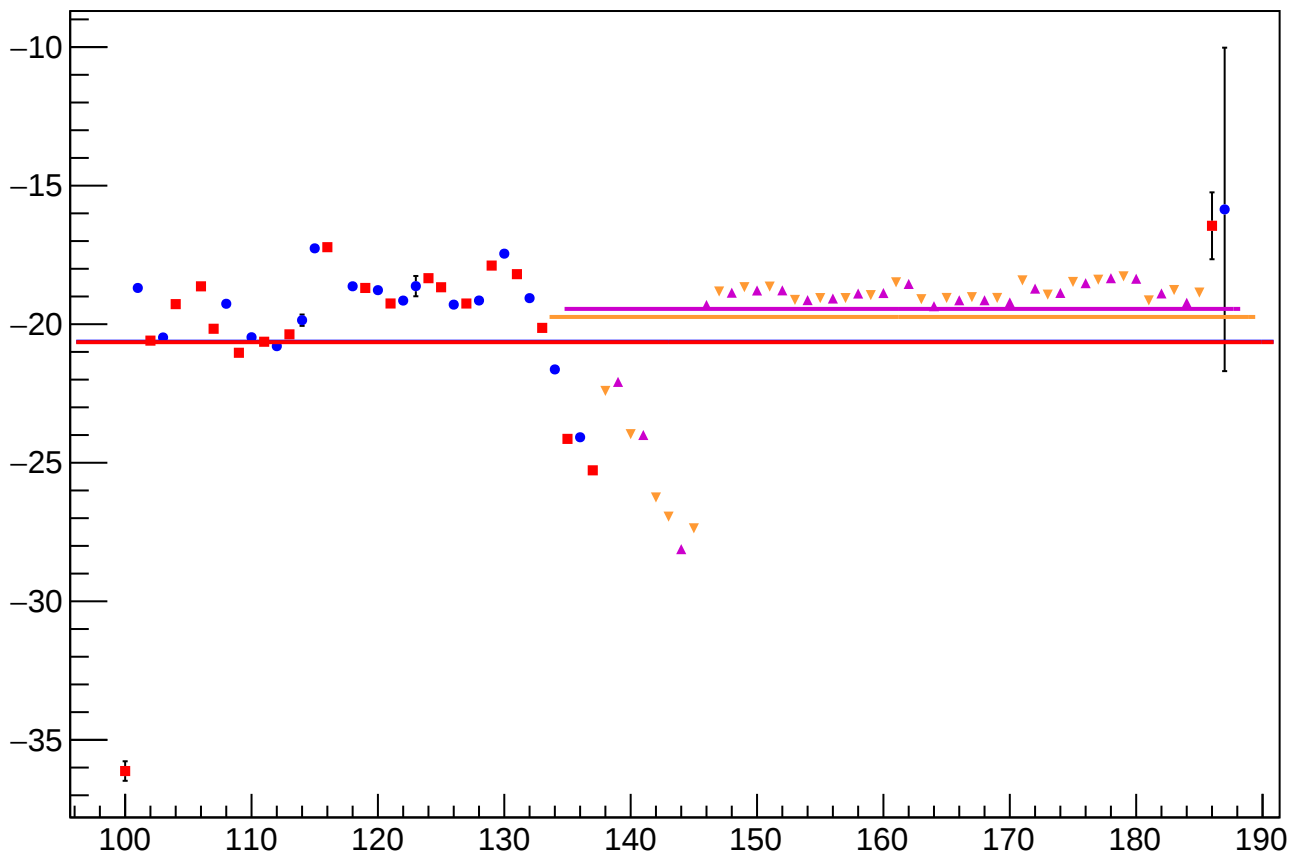
Left In: 9.775 ± 0.171 χ^2/NDF : 1165.6/22

+ sign 8.968 ± 0.152 χ^2/NDF : 1959.1/42

All: 8.841 ± 0.109 χ^2/NDF : 3774.5/85

- sign 8.708 ± 0.156 χ^2/NDF : 1814.0/42

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 χ^2/NDF : 12491.2/17

Left Out: -19.738 ± 0.008 χ^2/NDF : 88495.2/24

Right Out: -20.649 ± 0.019 χ^2/NDF : 13897.8/19

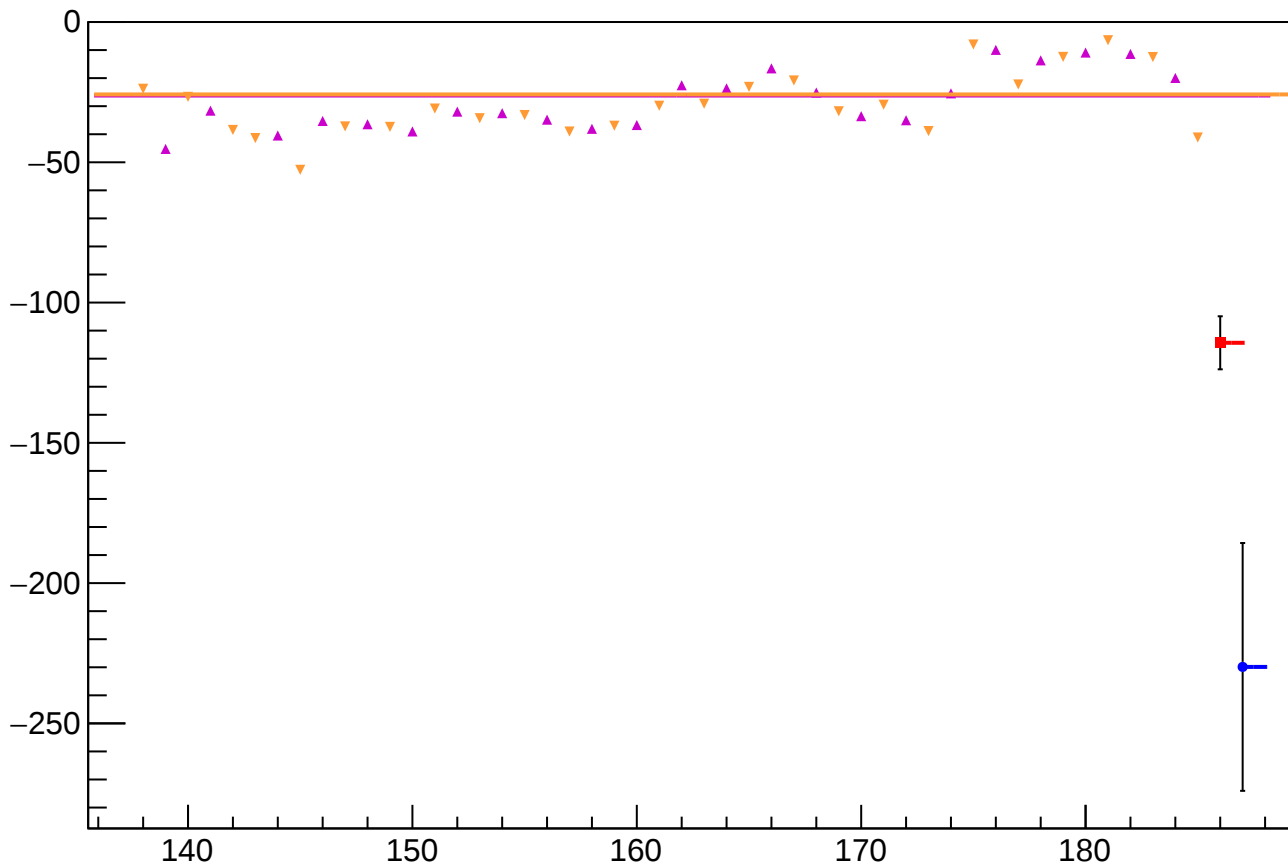
Left In: -19.448 ± 0.008 χ^2/NDF : 54039.2/22

+ sign -19.867 ± 0.007 χ^2/NDF : 102819.7/42

All: -19.743 ± 0.005 χ^2/NDF : 174604.2/85

- sign -19.619 ± 0.007 χ^2/NDF : 71212.4/42

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -229.874+/-44.169 χ^2/NDF : 0.0/0

Left Out: -25.814+/-0.192 χ^2/NDF : 4094.6/24

Right Out: -114.340+/-9.454 χ^2/NDF : 0.0/0

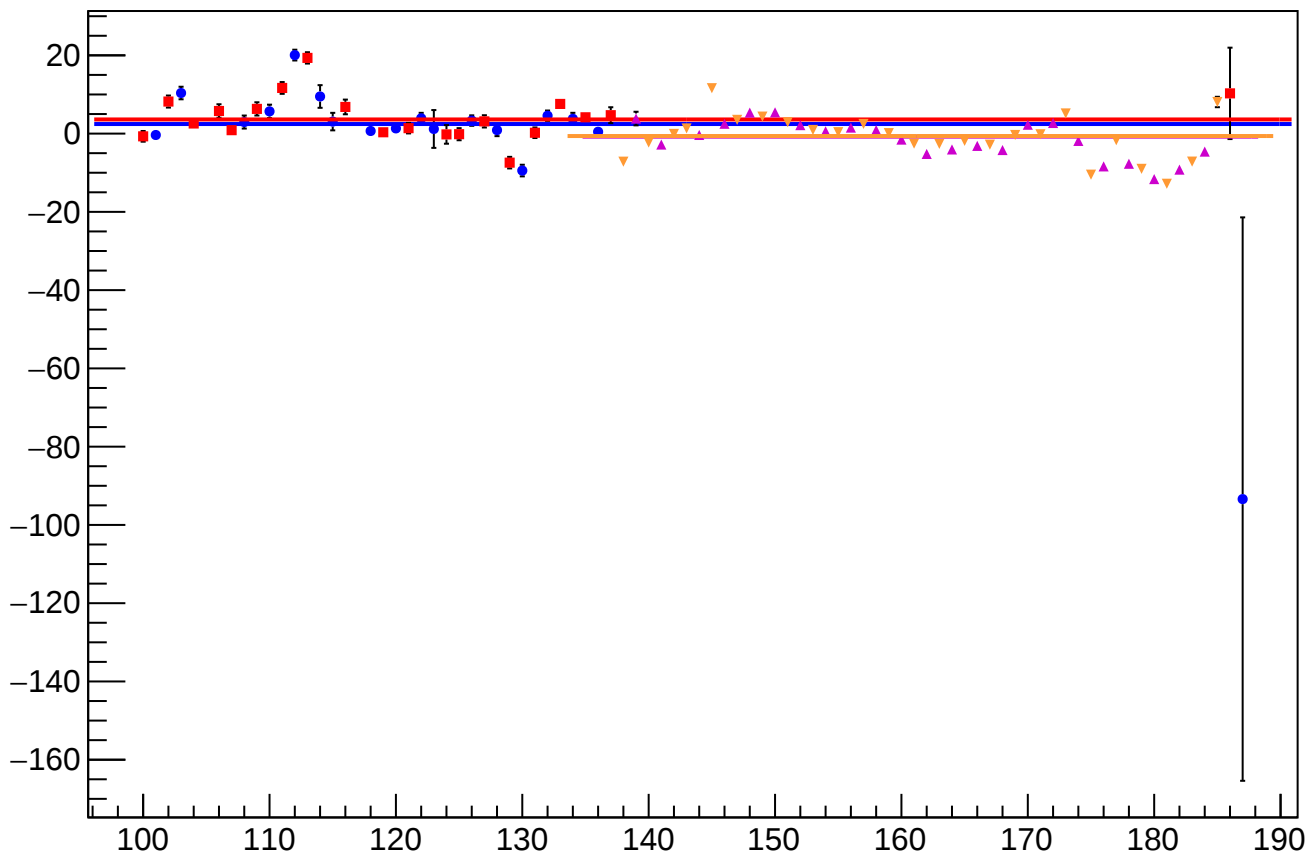
Left In: -26.200+/-0.194 χ^2/NDF : 3344.6/22

+ sign -25.818+/-0.192 χ^2/NDF : 4115.9/25

All: -26.026+/-0.137 χ^2/NDF : 7549.8/49

- sign -26.237+/-0.194 χ^2/NDF : 3431.5/23

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.446 ± 0.311 χ^2/NDF : 295.2/17

Left Out: -0.625 ± 0.147 χ^2/NDF : 1303.5/24

Right Out: 3.616 ± 0.318 χ^2/NDF : 279.7/19

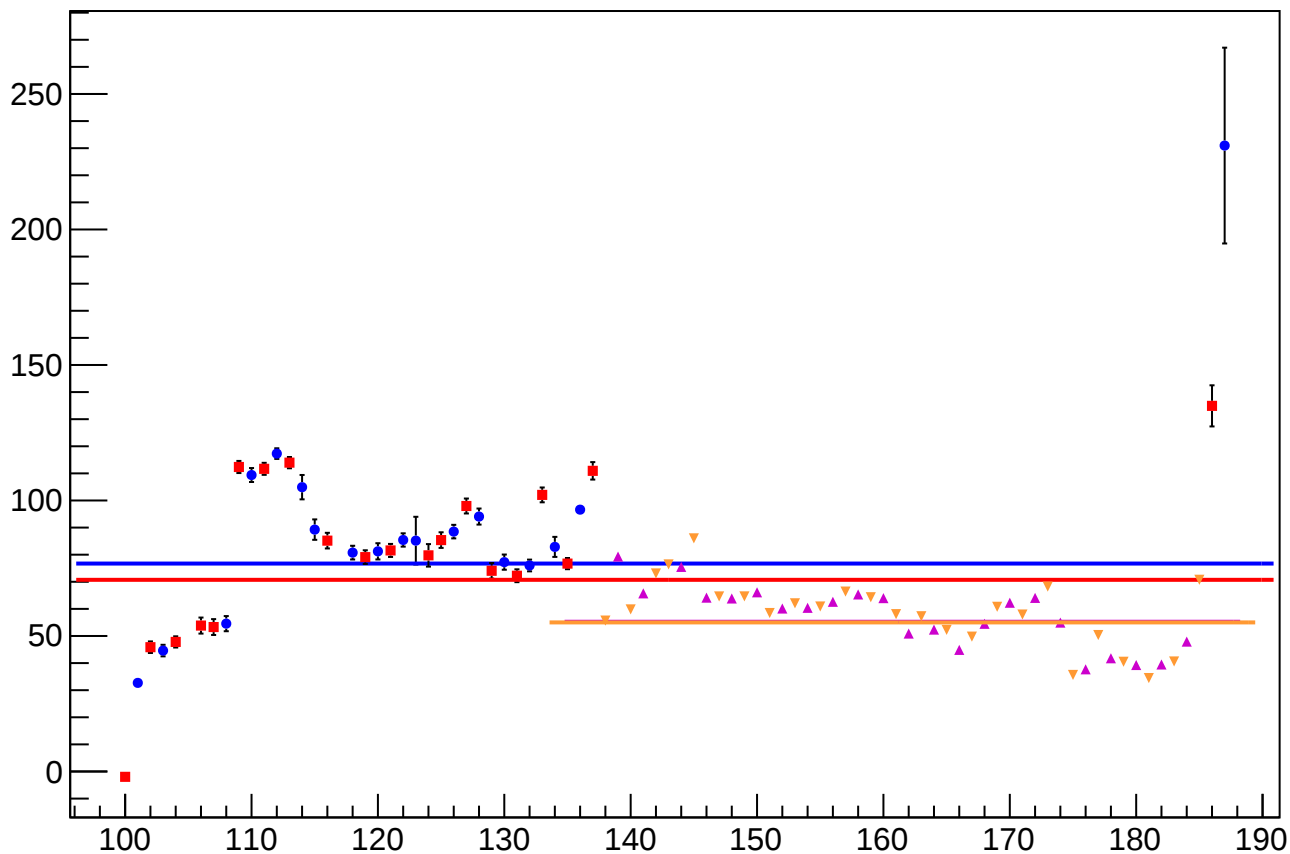
Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

+ sign -0.067 ± 0.133 χ^2/NDF : 1678.3/42

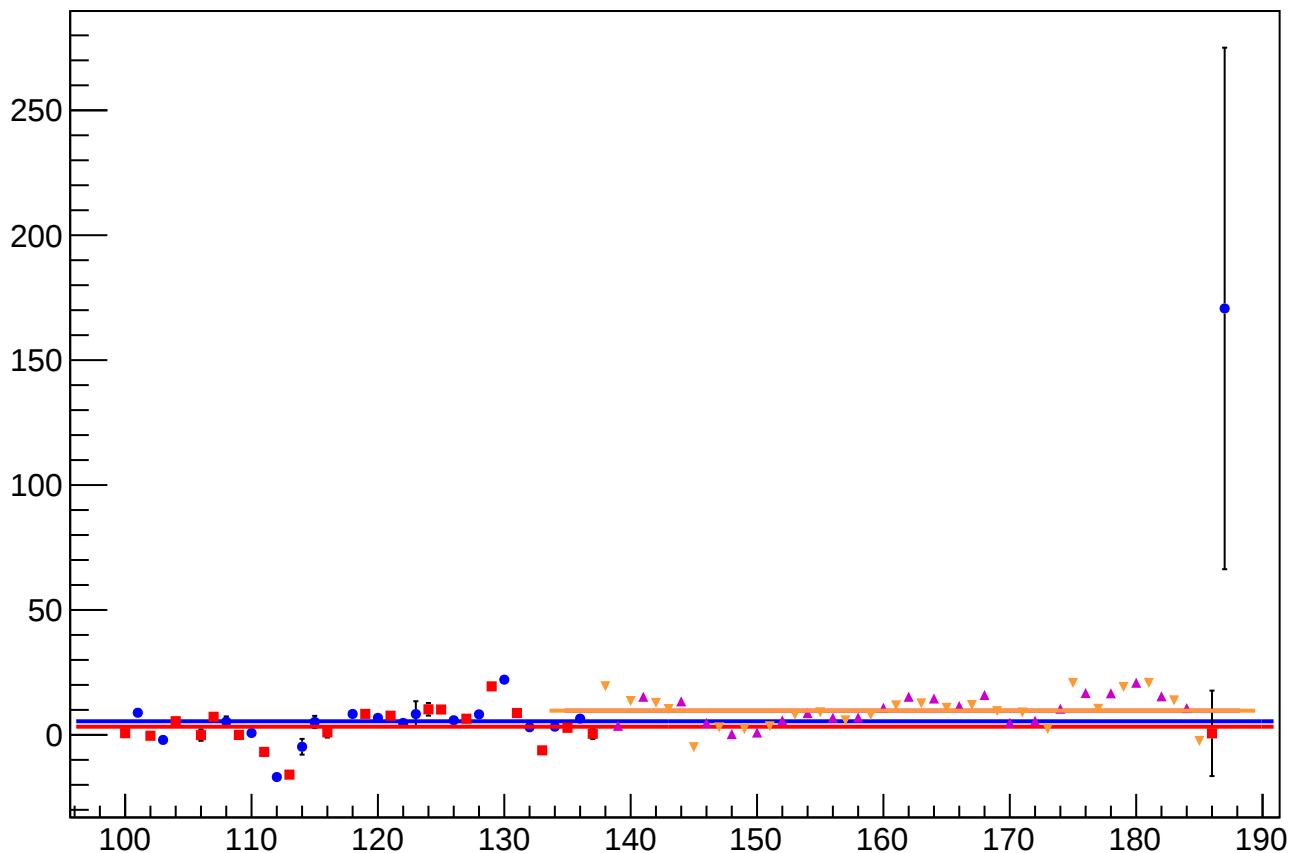
All: -0.021 ± 0.095 χ^2/NDF : 3225.4/85

- sign 0.027 ± 0.136 χ^2/NDF : 1546.8/42

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.441 ± 0.357 $\chi^2/\text{NDF}: 388.4/17$

Left Out: 9.691 ± 0.168 $\chi^2/\text{NDF}: 1440.3/24$

Right Out: 3.274 ± 0.365 $\chi^2/\text{NDF}: 425.8/19$

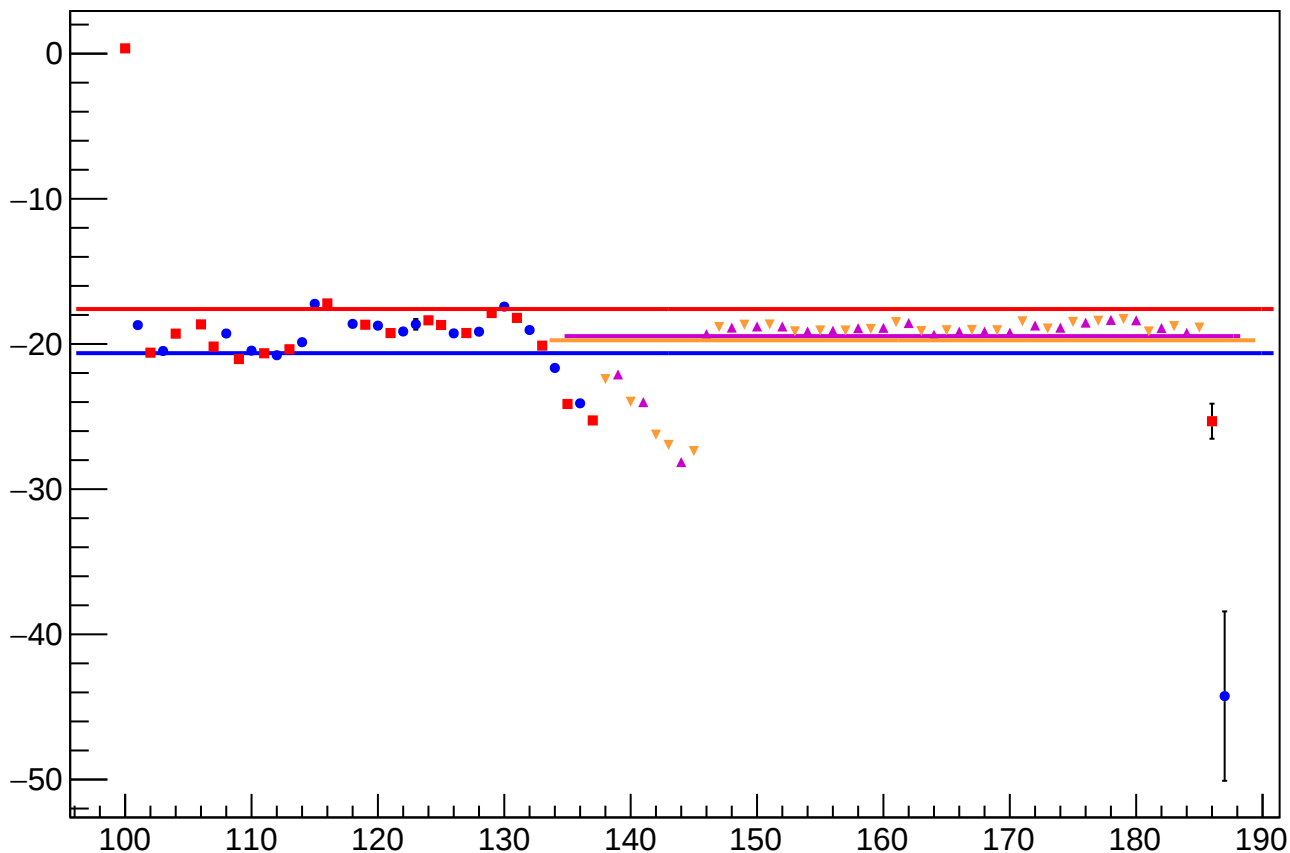
Left In: 9.708 ± 0.171 $\chi^2/\text{NDF}: 1198.0/22$

+ sign 8.920 ± 0.152 $\chi^2/\text{NDF}: 1944.4/42$

All: 8.737 ± 0.109 $\chi^2/\text{NDF}: 3825.5/85$

- sign 8.548 ± 0.155 $\chi^2/\text{NDF}: 1878.2/42$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 χ^2/NDF : 12547.2/17

Left Out: -19.746 ± 0.008 χ^2/NDF : 88374.4/24

Right Out: -17.592 ± 0.018 χ^2/NDF : 178721.6/19

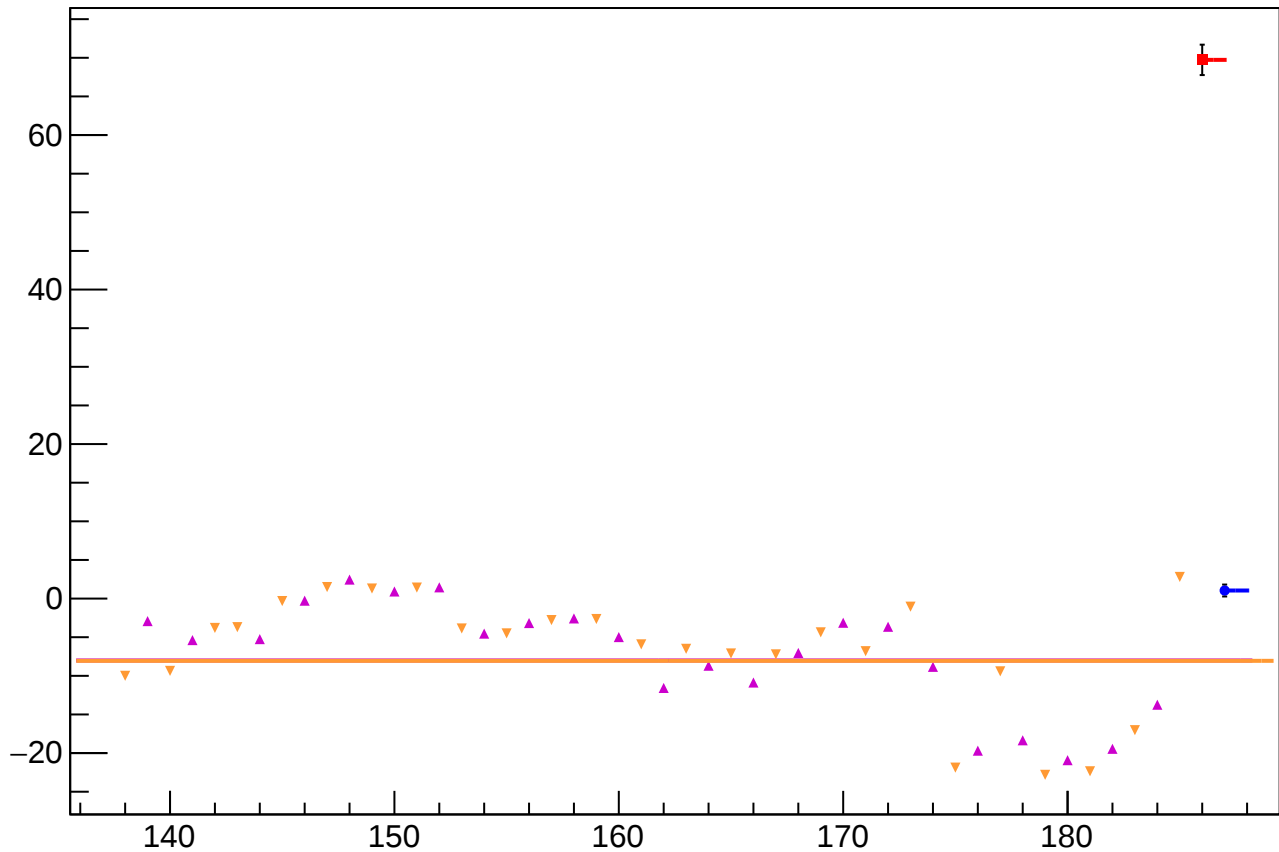
Left In: -19.457 ± 0.008 χ^2/NDF : 53995.4/22

+ sign -19.874 ± 0.007 χ^2/NDF : 102726.6/42

All: -19.511 ± 0.005 χ^2/NDF : 349291.9/85

- sign -19.155 ± 0.007 χ^2/NDF : 241697.5/42

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 1.044+/-0.771 χ^2/NDF : 0.0/0

Left Out: -8.058+/-0.070 χ^2/NDF : 12532.2/24

Right Out: 69.732+/-1.967 χ^2/NDF : 0.0/0

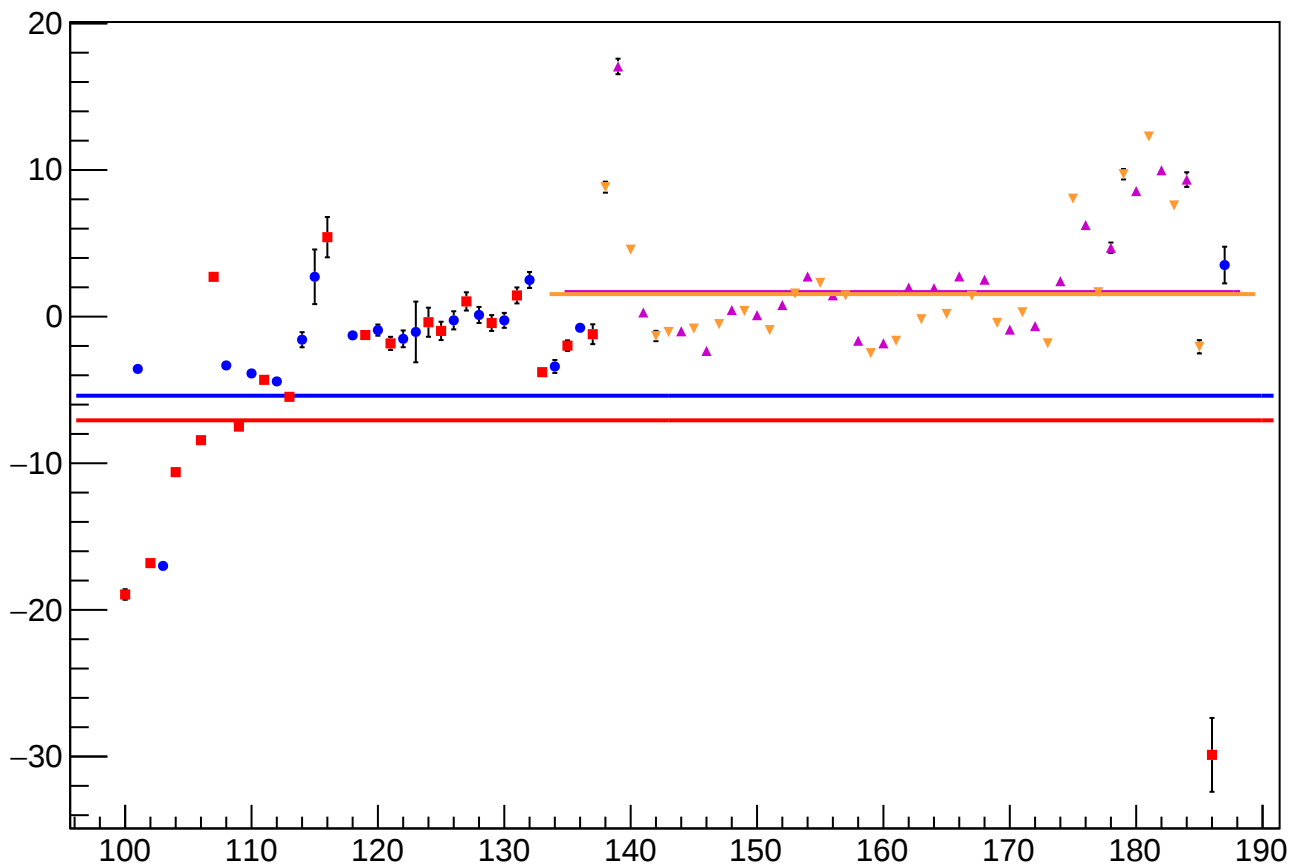
Left In: -8.010+/-0.071 χ^2/NDF : 10631.2/22

+ sign -7.983+/-0.070 χ^2/NDF : 12670.4/25

All: -7.946+/-0.050 χ^2/NDF : 24862.3/49

- sign -7.908+/-0.071 χ^2/NDF : 12191.3/23

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.394 ± 0.055 χ^2/NDF : 9312.1/17

Left Out: 1.535 ± 0.055 χ^2/NDF : 4816.7/24

Right Out: -7.073 ± 0.059 χ^2/NDF : 12411.5/19

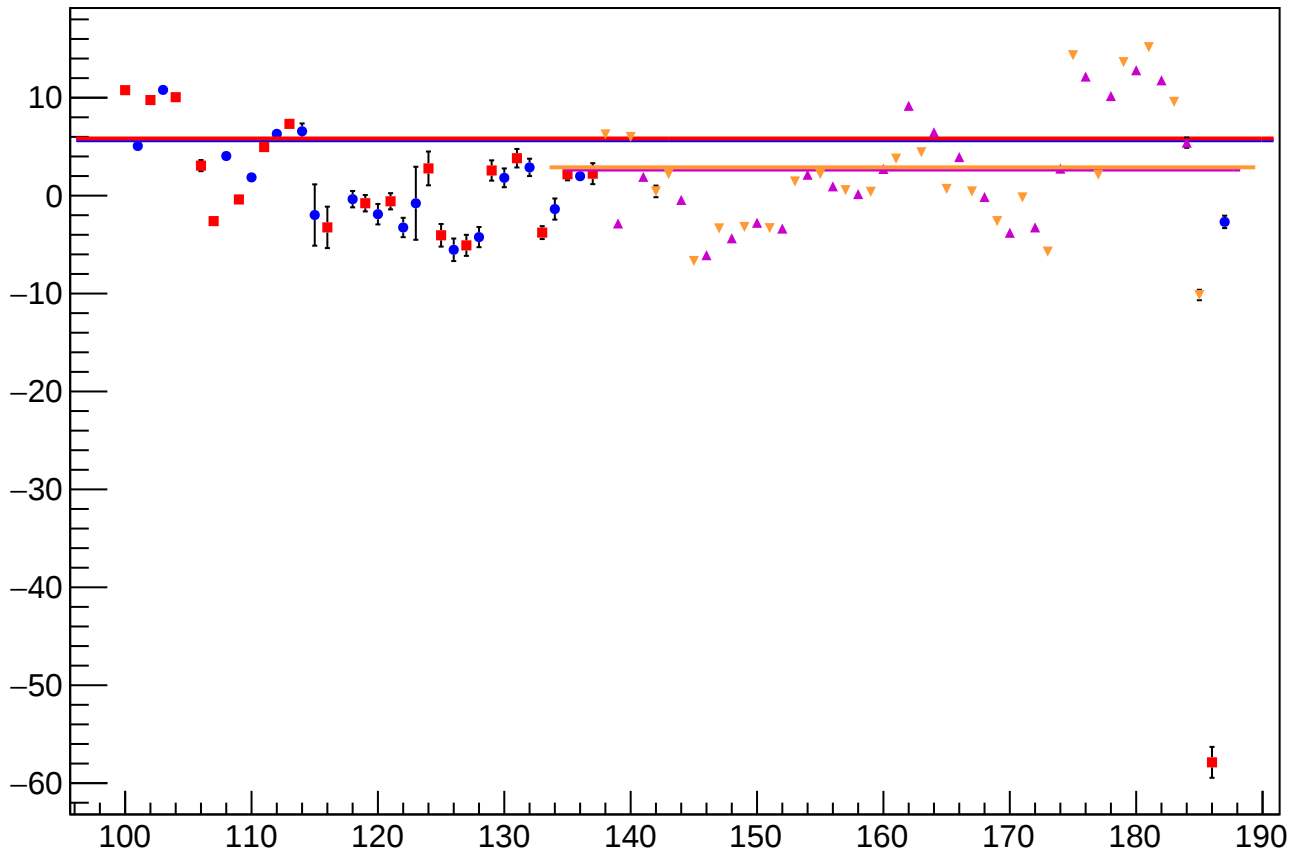
Left In: 1.673 ± 0.056 χ^2/NDF : 4106.3/22

+ sign -1.918 ± 0.039 χ^2/NDF : 22183.9/42

All: -2.194 ± 0.028 χ^2/NDF : 50284.5/85

- sign -2.502 ± 0.041 χ^2/NDF : 27992.5/42

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.657 ± 0.089 χ^2/NDF : 1628.9/17

Left Out: 2.891 ± 0.070 χ^2/NDF : 8889.4/24

Right Out: 5.833 ± 0.093 χ^2/NDF : 4303.4/19

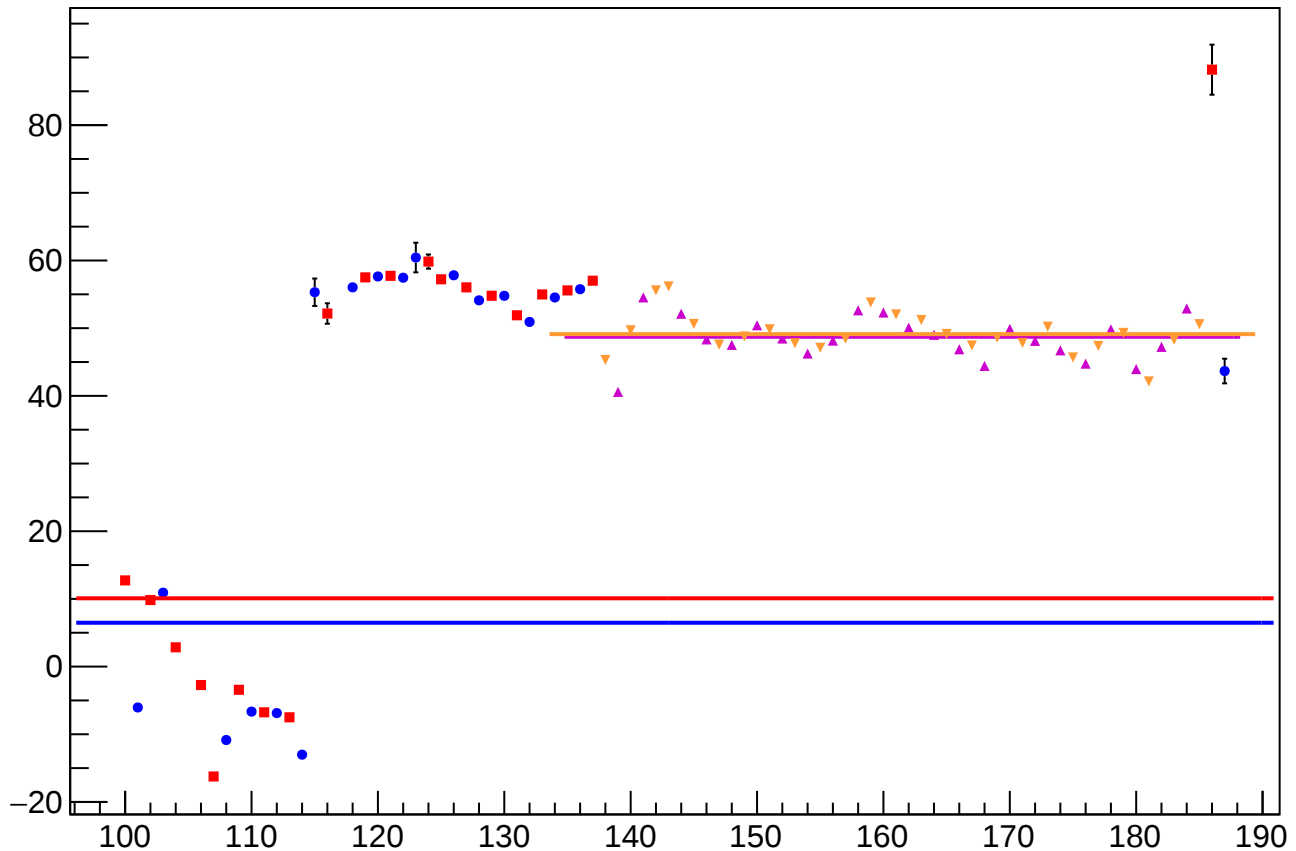
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ sign 3.960 ± 0.055 χ^2/NDF : 11115.1/42

All: 3.896 ± 0.039 χ^2/NDF : 23462.4/85

- sign 3.829 ± 0.056 χ^2/NDF : 12344.5/42

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.479 ± 0.065 χ^2/NDF : 123904.5/17

Left Out: 49.121 ± 0.062 χ^2/NDF : 2165.4/24

Right Out: 10.088 ± 0.070 χ^2/NDF : 122262.4/19

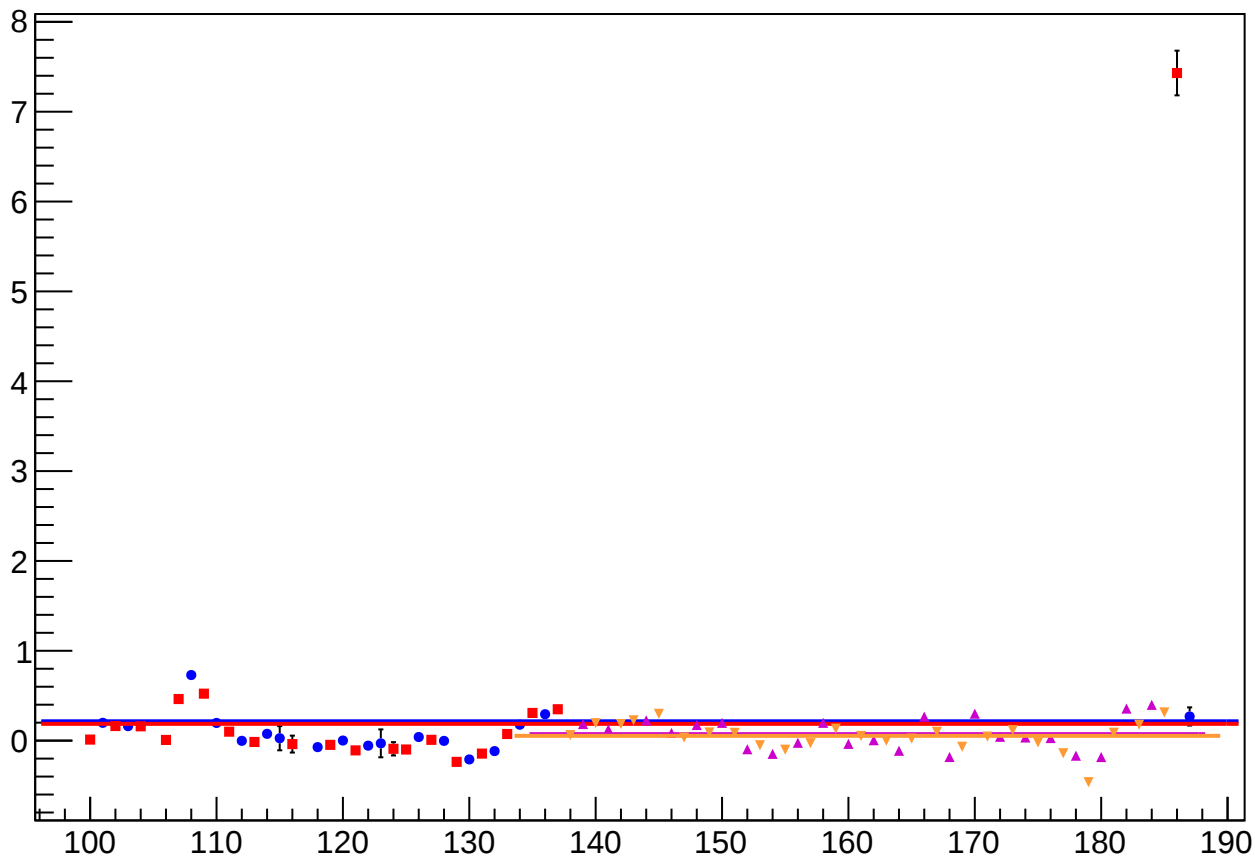
Left In: 48.731 ± 0.064 χ^2/NDF : 2117.7/22

+ sign 28.736 ± 0.045 χ^2/NDF : 353075.7/42

All: 29.904 ± 0.032 χ^2/NDF : 646647.9/85

- sign 31.195 ± 0.047 χ^2/NDF : 292133.9/42

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.4/17

Left Out: 0.053 $\pm$ 0.003 χ^2 /NDF:2369.3/24

Right Out: 0.187 $\pm$ 0.003 χ^2 /NDF: 3569.2/19

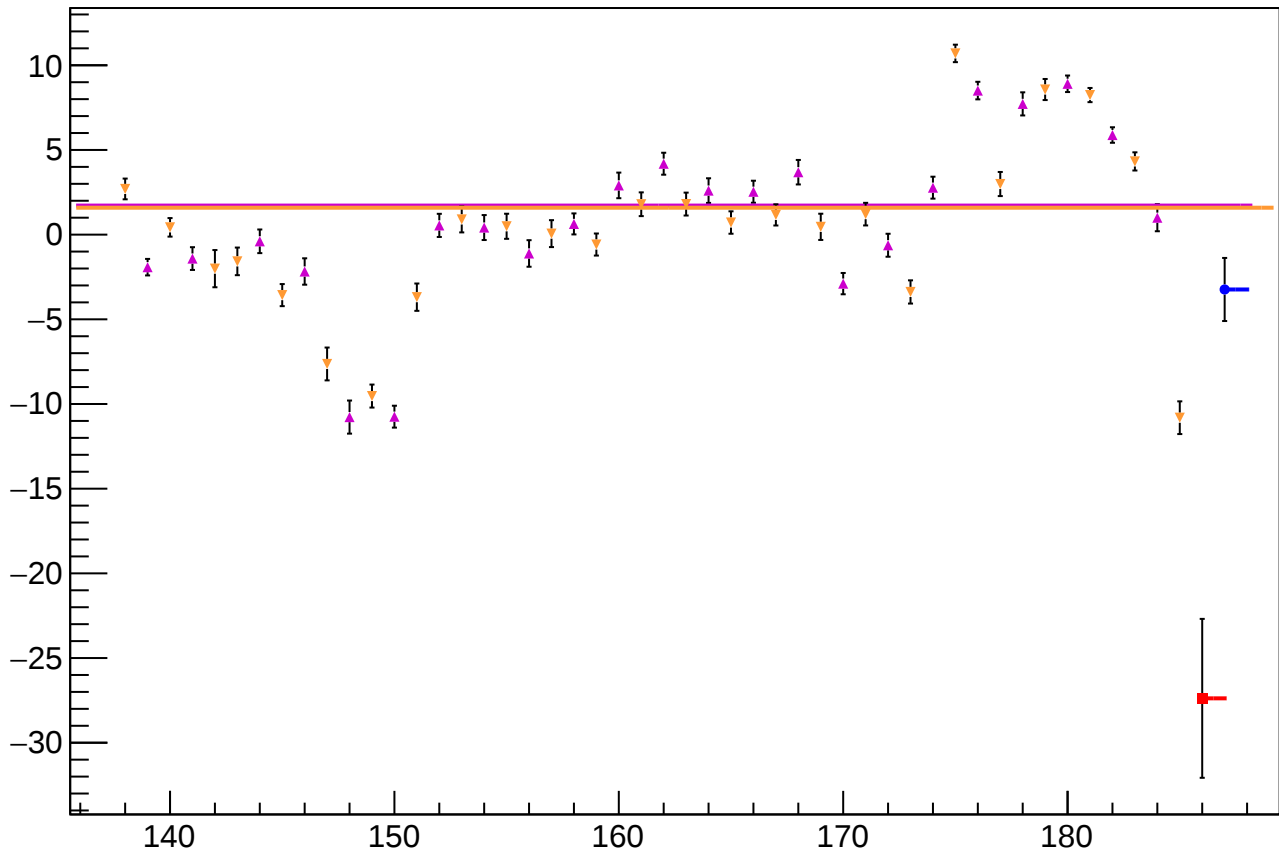
Left In: 0.072 $\pm$ 0.003 χ^2 /NDF:3272.0/22

+ sign 0.136 $\pm$ 0.002 χ^2 /NDF: 7967.5/42

All: 0.134 $\pm$ 0.001 χ^2 /NDF: 15672.5/85

- sign 0.133 $\pm$ 0.002 χ^2 /NDF: 7703.5/42

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -3.238 ± 1.863 χ^2/NDF : 0.0/0

Left Out: 1.590 ± 0.133 χ^2/NDF : 1457.4/24

Right Out: -27.380 ± 4.692 χ^2/NDF : 0.0/0

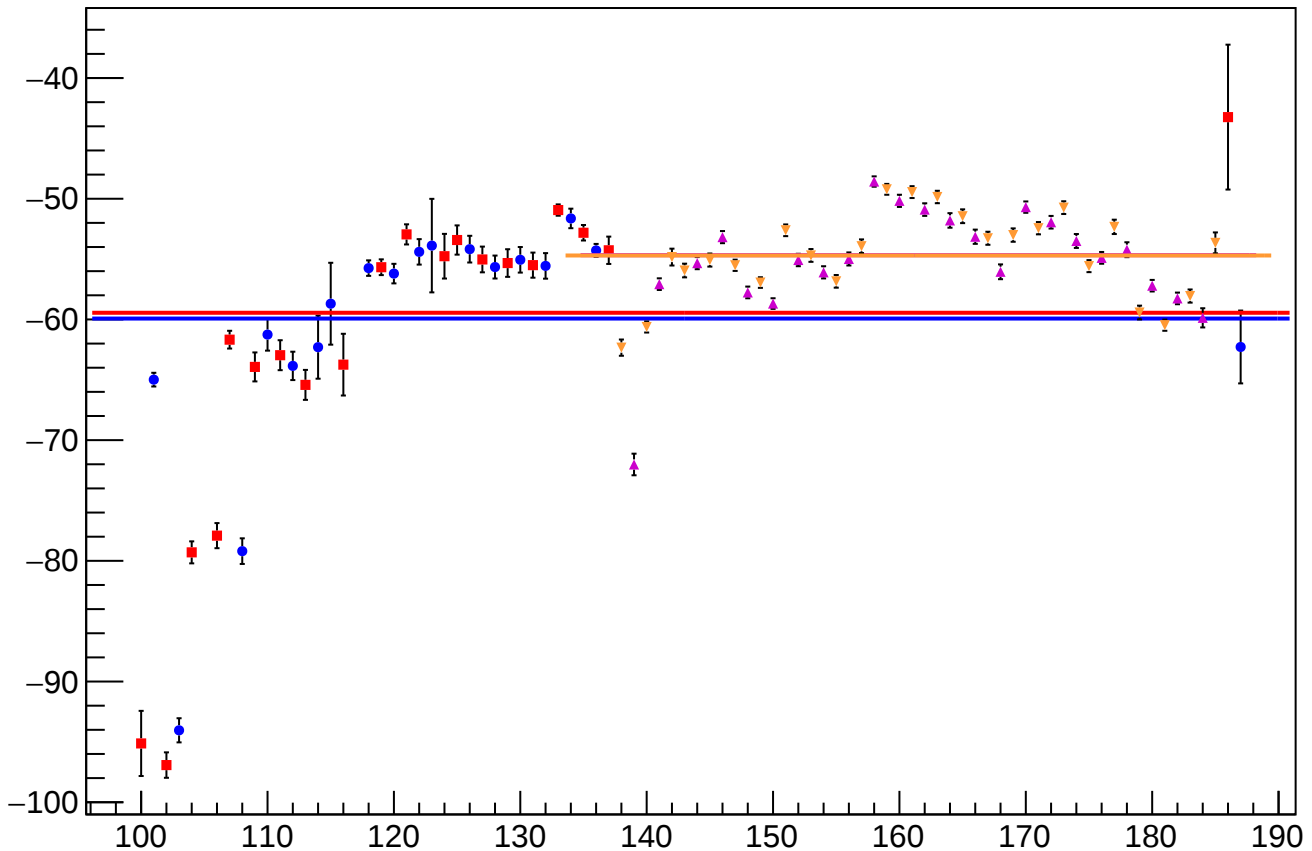
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 1.565 ± 0.133 χ^2/NDF : 1464.1/25

All: 1.628 ± 0.094 χ^2/NDF : 2816.5/49

- sign 1.692 ± 0.134 χ^2/NDF : 1351.9/23

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.927 ± 0.222 χ^2/NDF : 1980.1/17

Left Out: -54.701 ± 0.106 χ^2/NDF : 1124.5/24

Right Out: -59.447 ± 0.212 χ^2/NDF : 2920.0/19

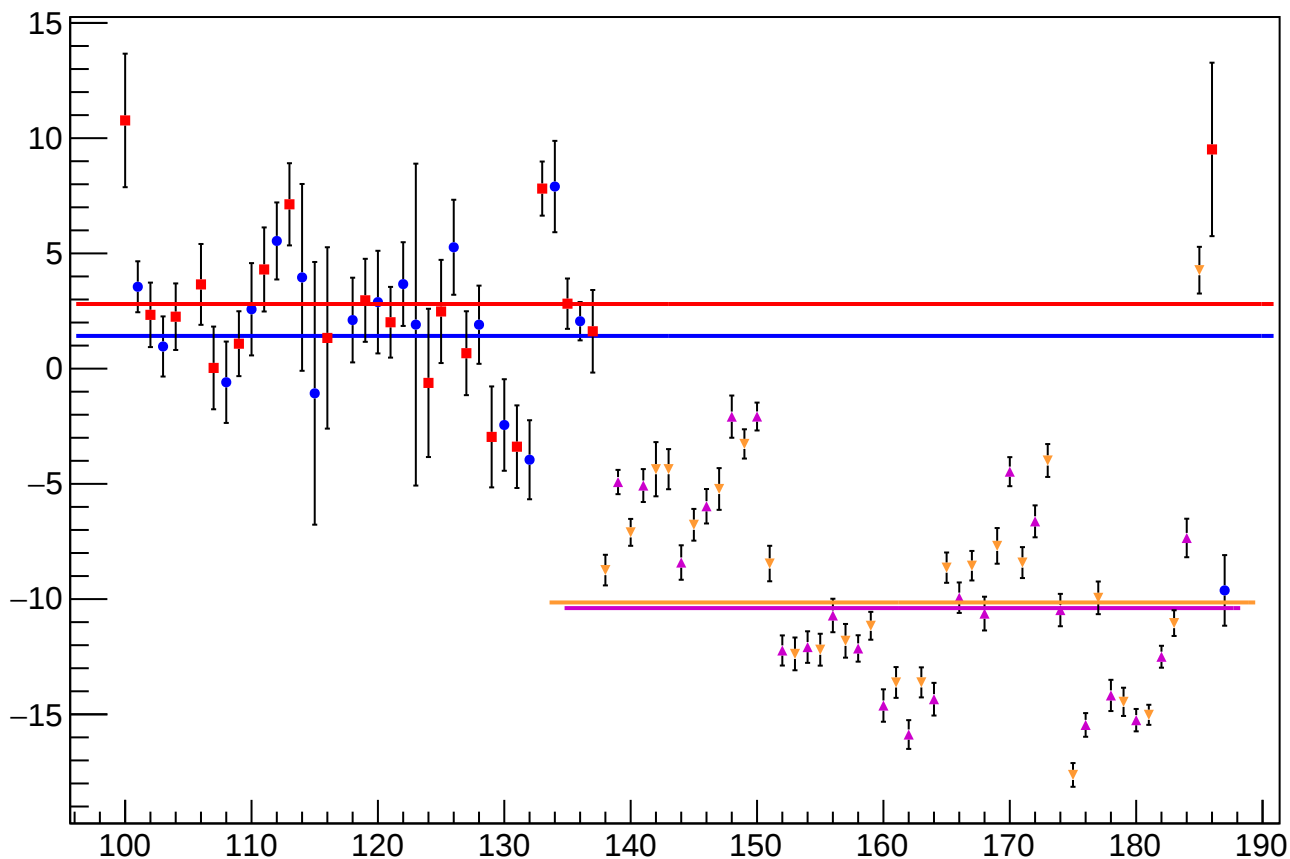
Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

+ sign -55.668 ± 0.096 χ^2/NDF : 3554.6/42

All: -55.675 ± 0.068 χ^2/NDF : 8015.3/85

- sign -55.682 ± 0.097 χ^2/NDF : 4460.6/42

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 1.420 ± 0.391 χ^2/NDF : 94.7/17

Left Out: -10.146 ± 0.133 χ^2/NDF : 1051.2/24

Right Out: 2.804 ± 0.386 χ^2/NDF : 62.1/19

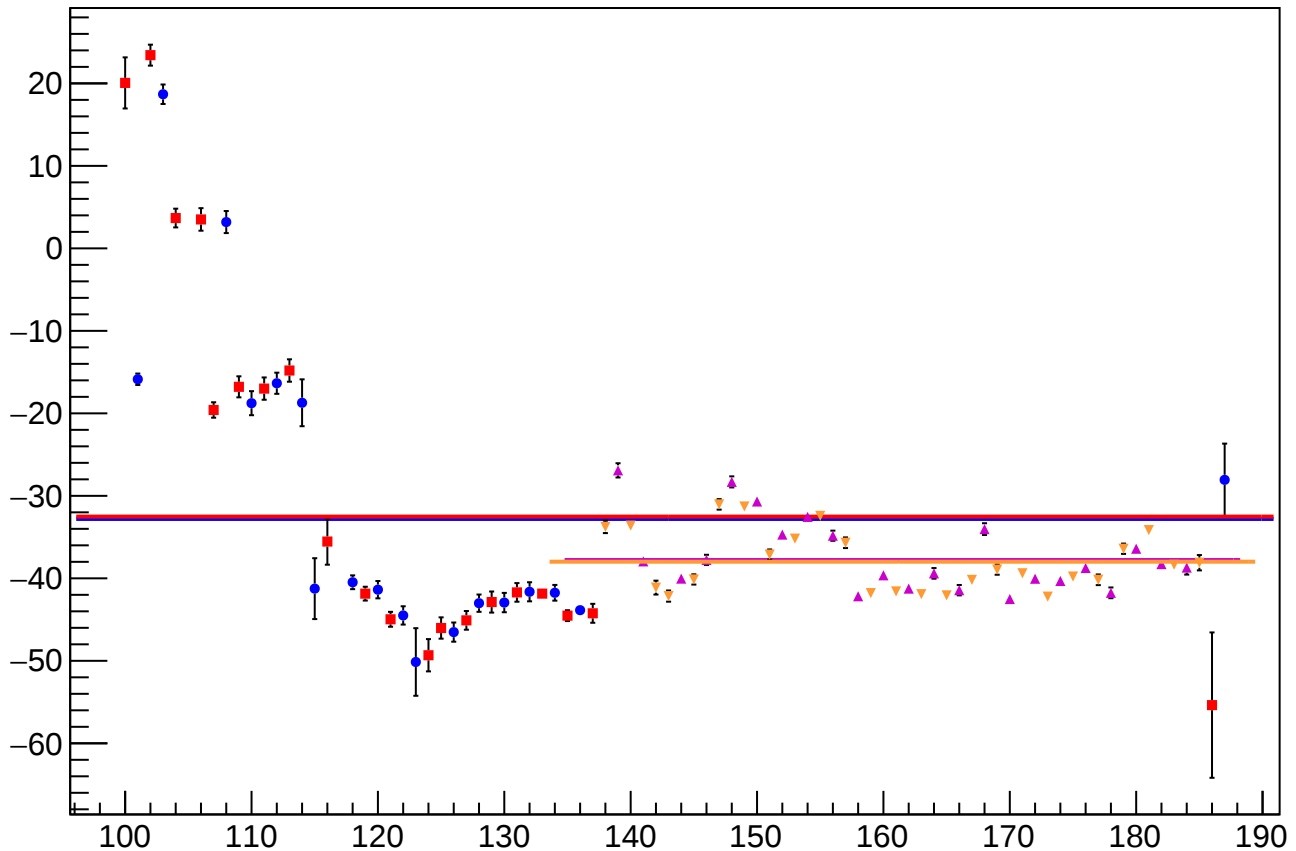
Left In: -10.391 ± 0.134 χ^2/NDF : 1024.8/22

+ sign -8.944 ± 0.126 χ^2/NDF : 1930.9/42

All: -8.959 ± 0.089 χ^2/NDF : 4063.1/85

- sign -8.974 ± 0.126 χ^2/NDF : 2132.1/42

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.801 ± 0.254 $\chi^2/\text{NDF}: 4667.7/17$

Left Out: -37.983 ± 0.119 $\chi^2/\text{NDF}: 936.9/24$

Right Out: -32.518 ± 0.244 $\chi^2/\text{NDF}: 6044.6/19$

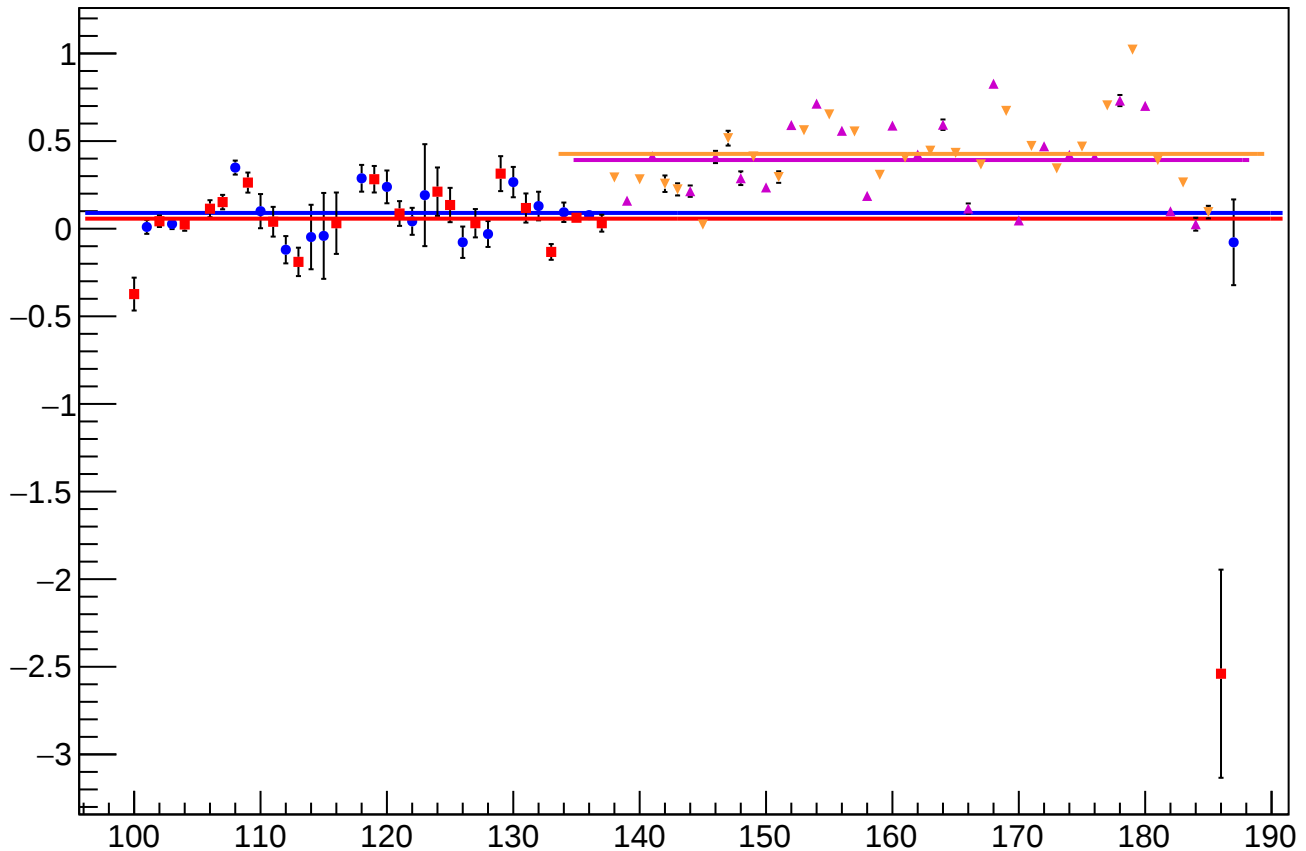
Left In: -37.784 ± 0.122 $\chi^2/\text{NDF}: 1079.7/22$

+ sign -37.048 ± 0.108 $\chi^2/\text{NDF}: 5947.0/42$

All: -36.891 ± 0.077 $\chi^2/\text{NDF}: 13448.5/85$

- sign -36.731 ± 0.109 $\chi^2/\text{NDF}: 7497.2/42$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 79.7/17

Left Out: 0.427 ± 0.005 χ^2/NDF : 1293.3/24

Right Out: 0.057 ± 0.012 χ^2/NDF : 106.4/19

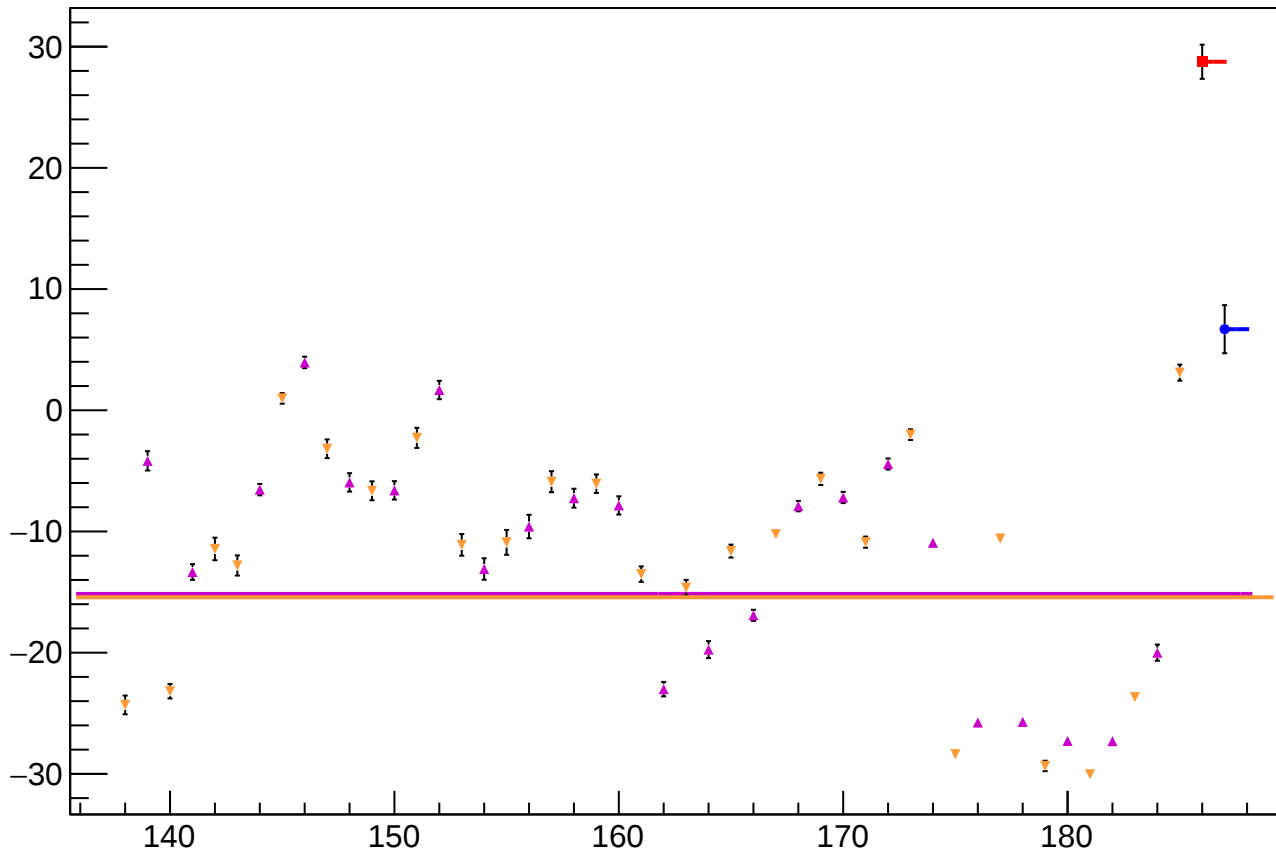
Left In: 0.392 ± 0.005 χ^2/NDF : 1835.6/22

+ sign 0.376 ± 0.005 χ^2/NDF : 1969.4/42

All: 0.356 ± 0.003 χ^2/NDF : 4577.0/85

- sign 0.337 ± 0.005 χ^2/NDF : 2577.0/42

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 6.689 $\pm$ 1.987 χ^2 /NDF: 0.0/0

Left Out: -15.427 $\pm$ 0.105 χ^2 /NDF:10499.6/24

Right Out: 28.756 $\pm$ 1.409 χ^2 /NDF: 0.0/0

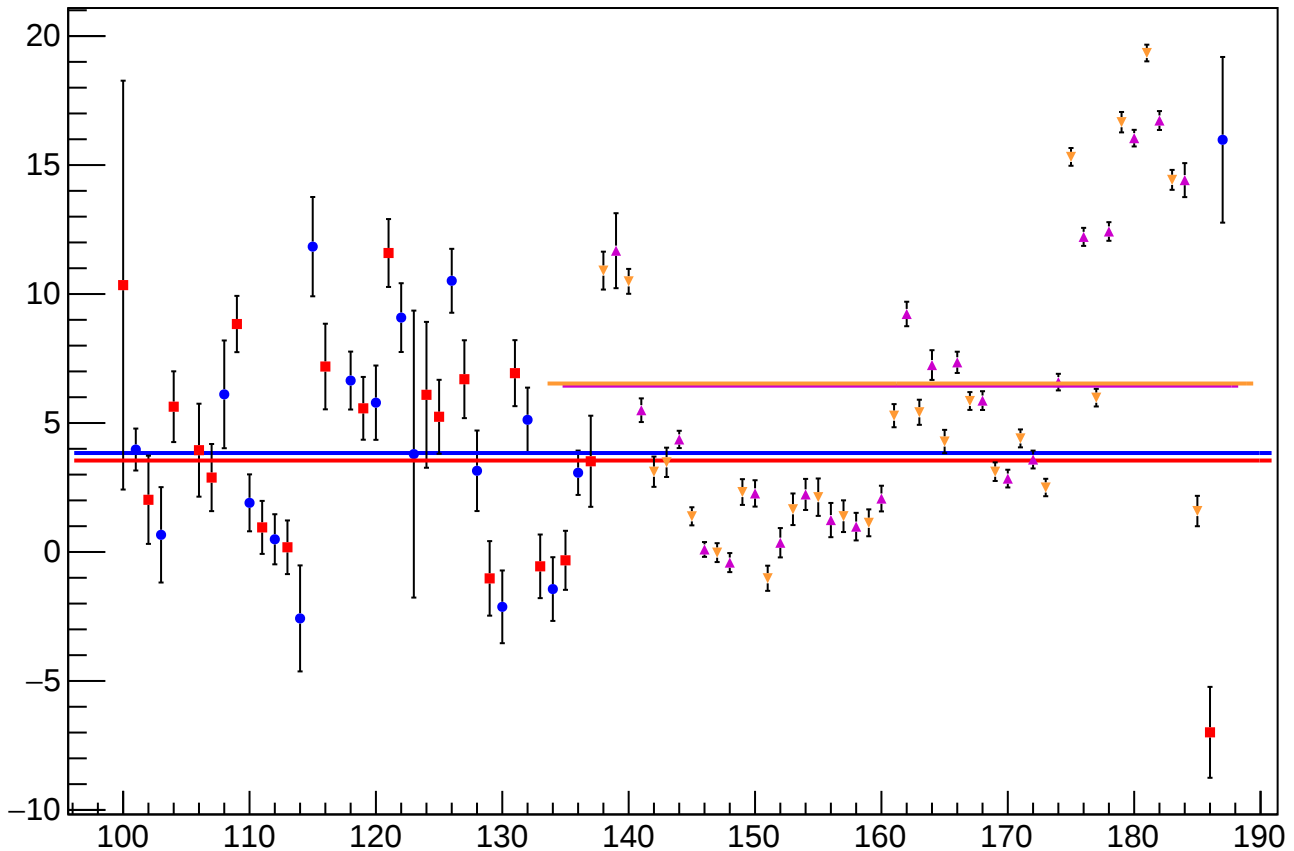
Left In: -15.151 $\pm$ 0.106 χ^2 /NDF:8744.3/22

+ sign -15.365 $\pm$ 0.105 χ^2 /NDF: 10623.2/25

All: -15.136 $\pm$ 0.075 χ^2 /NDF: 20342.1/49

- sign -14.903 $\pm$ 0.106 χ^2 /NDF: 9709.3/23

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.837 ± 0.307 χ^2/NDF : 151.2/17

Left Out: 6.531 ± 0.086 χ^2/NDF : 4969.5/24

Right Out: 3.546 ± 0.311 χ^2/NDF : 171.3/19

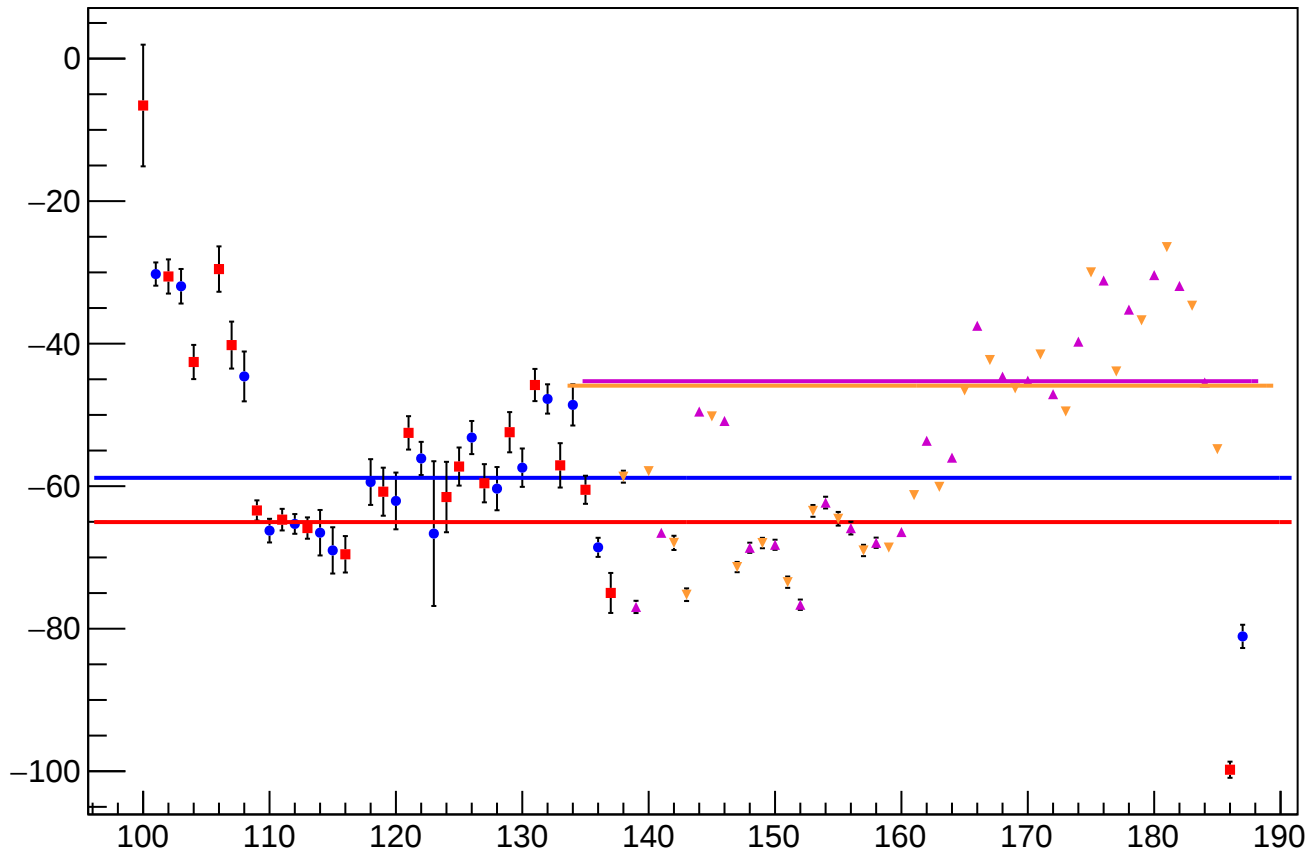
Left In: 6.448 ± 0.086 χ^2/NDF : 3955.6/22

+ sign 6.337 ± 0.082 χ^2/NDF : 5192.1/42

All: 6.290 ± 0.058 χ^2/NDF : 9400.5/85

- sign 6.243 ± 0.083 χ^2/NDF : 4207.7/42

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -58.829 $\pm$ 0.514 χ^2/NDF : 793.5/17

Left Out: -45.897 $\pm$ 0.106 χ^2/NDF : 17133.8/24

Right Out: -65.038 $\pm$ 0.484 χ^2/NDF : 1628.7/19

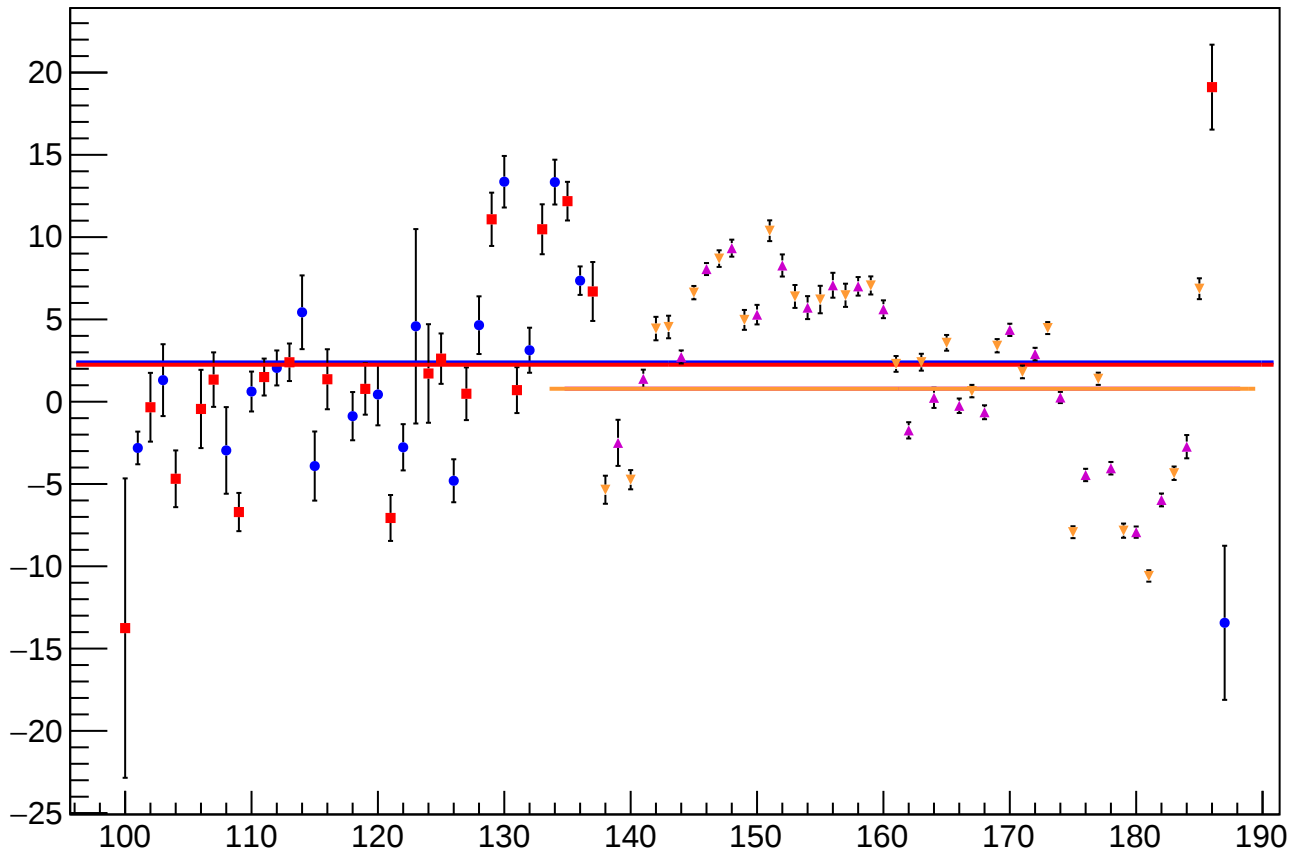
Left In: -45.268 $\pm$ 0.107 χ^2/NDF : 15775.7/22

+ sign -46.427 $\pm$ 0.104 χ^2/NDF : 18533.6/42

All: -46.306 $\pm$ 0.074 χ^2/NDF : 37529.8/85

- sign -46.184 $\pm$ 0.104 χ^2/NDF : 18993.4/42

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.386 $\pm$ 0.345 χ^2 /NDF: 255.1/17

Left Out: 0.787 $\pm$ 0.096 χ^2 /NDF: 3746.7/24

Right Out: 2.247 $\pm$ 0.352 χ^2 /NDF: 310.2/19

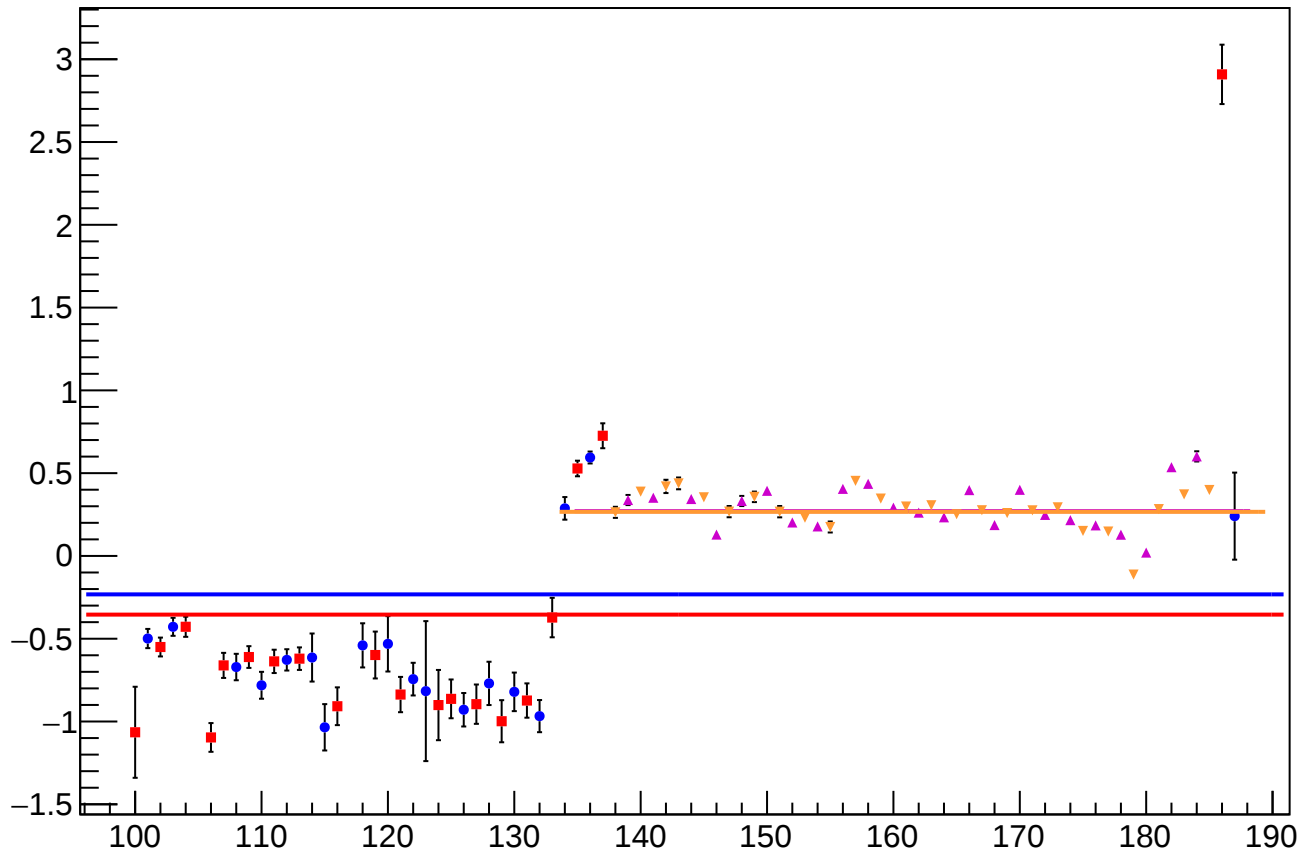
Left In: 0.791 $\pm$ 0.096 χ^2 /NDF: 2697.7/22

+ sign 0.901 $\pm$ 0.092 χ^2 /NDF: 4021.8/42

All: 0.897 $\pm$ 0.065 χ^2 /NDF: 7045.6/85

- sign 0.893 $\pm$ 0.093 χ^2 /NDF: 3023.8/42

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.232 ± 0.019 χ^2/NDF : 961.7/17

Left Out: 0.266 ± 0.004 χ^2/NDF : 698.1/24

Right Out: -0.354 ± 0.019 χ^2/NDF : 1187.9/19

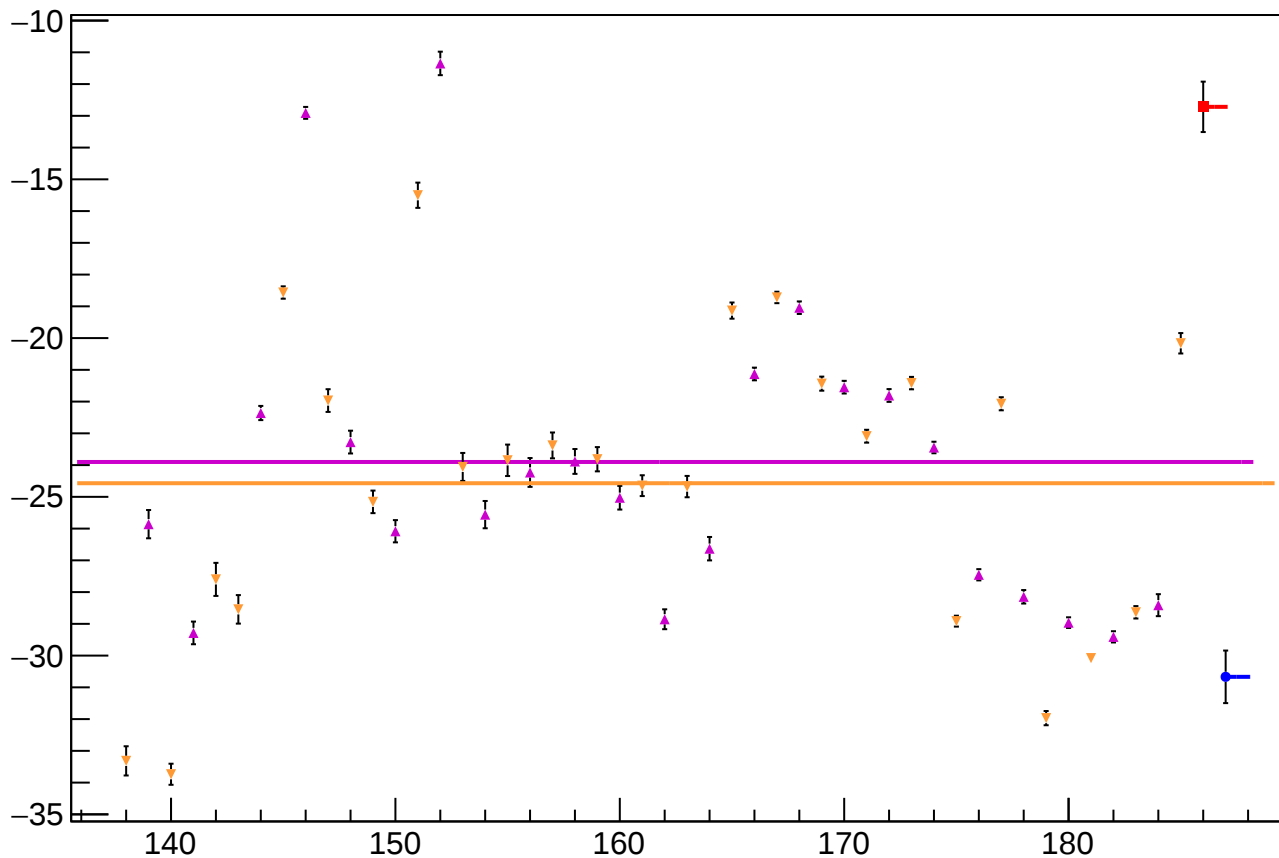
Left In: 0.270 ± 0.004 χ^2/NDF : 973.5/22

+ sign 0.241 ± 0.004 χ^2/NDF : 2325.4/42

All: 0.239 ± 0.003 χ^2/NDF : 5528.6/85

- sign 0.238 ± 0.004 χ^2/NDF : 3202.9/42

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -30.669 ± 0.828 χ^2/NDF : 0.0/0

Left Out: -24.571 ± 0.051 χ^2/NDF : 8610.0/24

Right Out: -12.717 ± 0.794 χ^2/NDF : 0.0/0

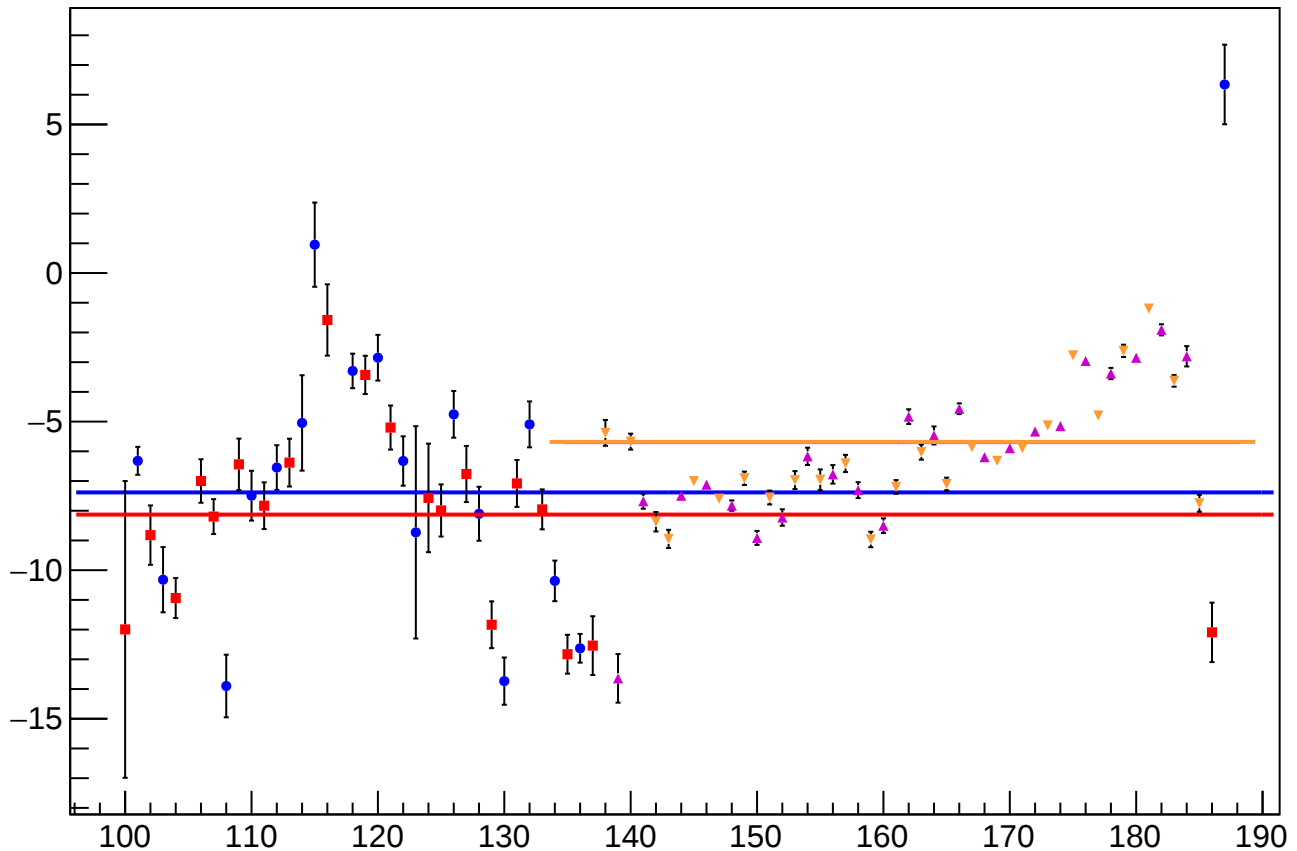
Left In: -23.902 ± 0.051 χ^2/NDF : 9158.9/22

+ sign -24.594 ± 0.051 χ^2/NDF : 8664.1/25

All: -24.224 ± 0.036 χ^2/NDF : 18126.1/49

- sign -23.856 ± 0.051 χ^2/NDF : 9356.7/23

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.383 ± 0.184 $\chi^2/\text{NDF}: 500.6/17$

Left Out: -5.683 ± 0.041 $\chi^2/\text{NDF}: 2231.0/24$

Right Out: -8.129 ± 0.183 $\chi^2/\text{NDF}: 241.7/19$

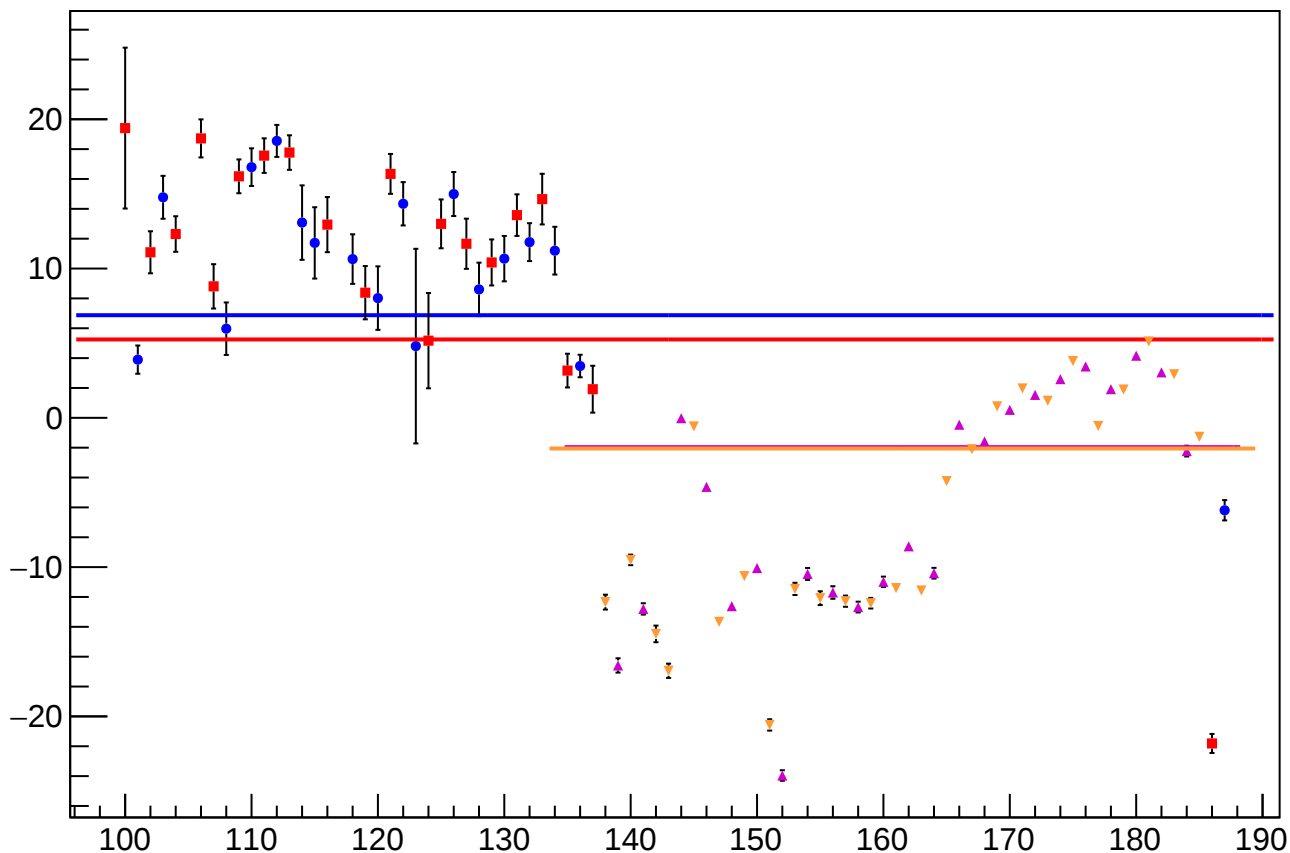
Left In: -5.690 ± 0.041 $\chi^2/\text{NDF}: 2328.2/22$

+ sign -5.764 ± 0.040 $\chi^2/\text{NDF}: 2812.9/42$

All: -5.785 ± 0.028 $\chi^2/\text{NDF}: 5553.3/85$

- sign -5.805 ± 0.040 $\chi^2/\text{NDF}: 2739.8/42$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 6.874 ± 0.302 χ^2/NDF : 712.3/17

Left Out: -2.055 ± 0.051 χ^2/NDF : 16042.5/24

Right Out: 5.251 ± 0.295 χ^2/NDF : 2515.8/19

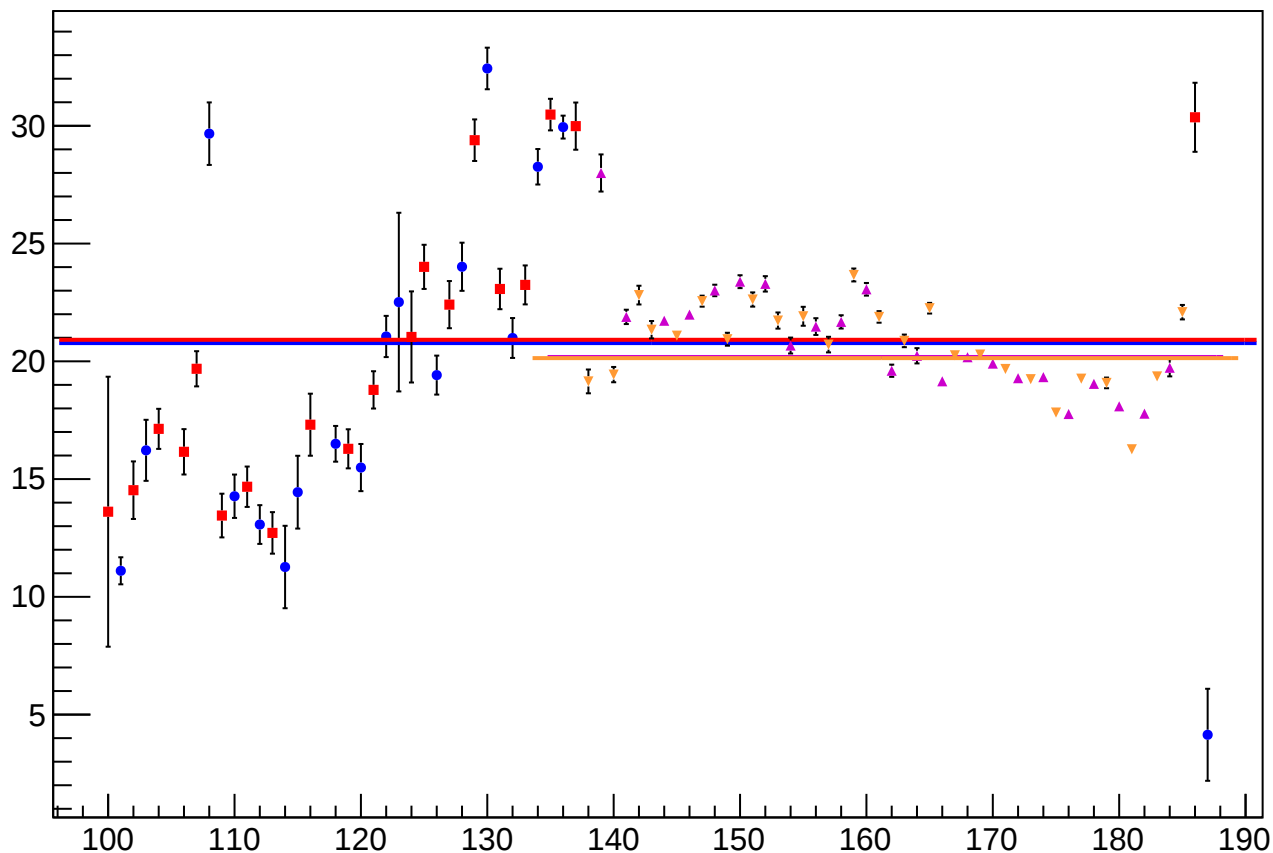
Left In: -1.963 ± 0.051 χ^2/NDF : 15492.9/22

+ sign -1.803 ± 0.051 χ^2/NDF : 17605.4/42

All: -1.778 ± 0.036 χ^2/NDF : 36196.2/85

- sign -1.753 ± 0.050 χ^2/NDF : 18590.4/42

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.774 $\pm$ 0.208 χ^2 /NDF: 1298.8/17

Left Out: 20.136 $\pm$ 0.046 χ^2 /NDF: 1414.2/24

Right Out: 20.914 $\pm$ 0.210 χ^2 /NDF: 772.3/19

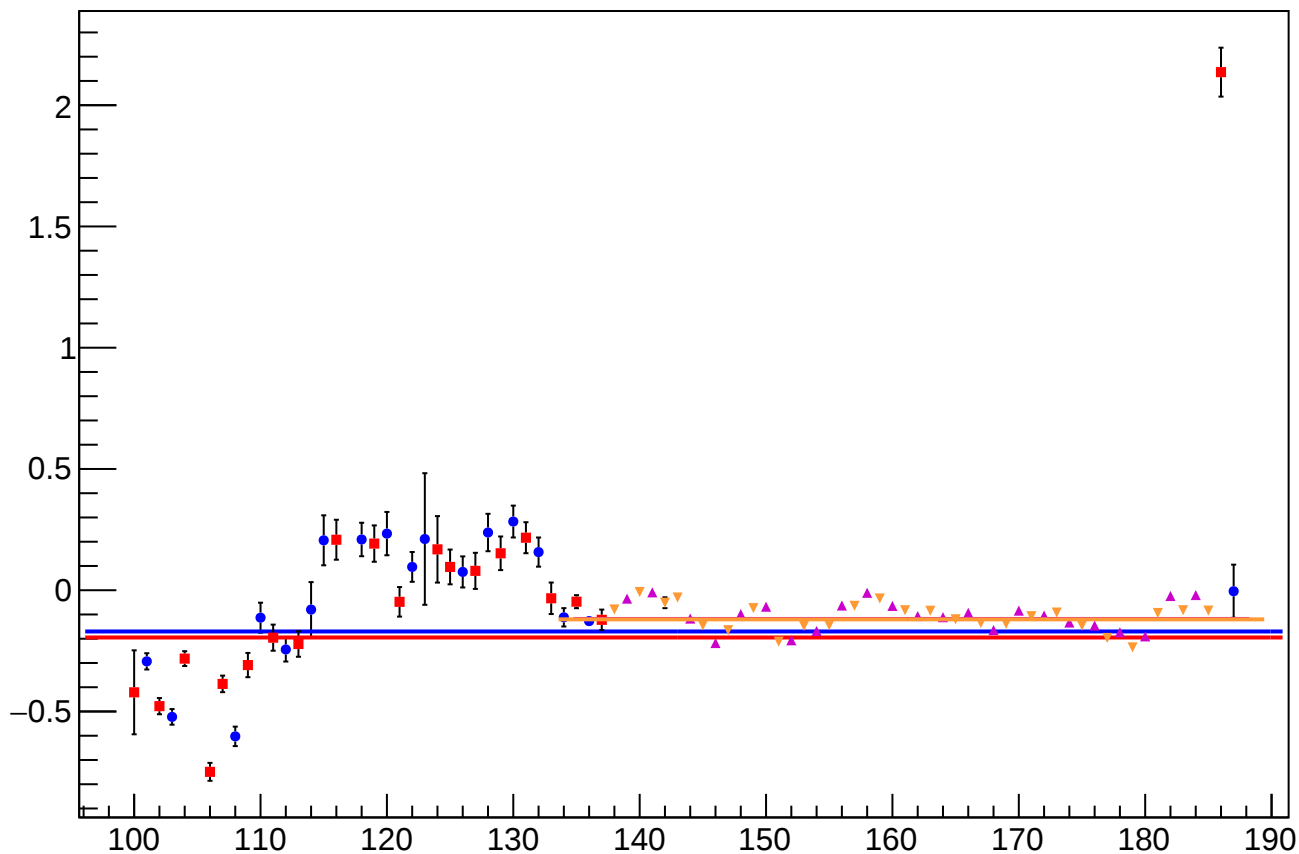
Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

+ sign 20.166 $\pm$ 0.045 χ^2 /NDF: 2722.0/42

All: 20.192 $\pm$ 0.032 χ^2 /NDF: 4977.1/85

- sign 20.217 $\pm$ 0.045 χ^2 /NDF: 2254.5/42

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.170 ± 0.011 χ^2/NDF : 466.5/17

Left Out: -0.120 ± 0.002 χ^2/NDF : 532.4/24

Right Out: -0.195 ± 0.011 χ^2/NDF : 1075.6/19

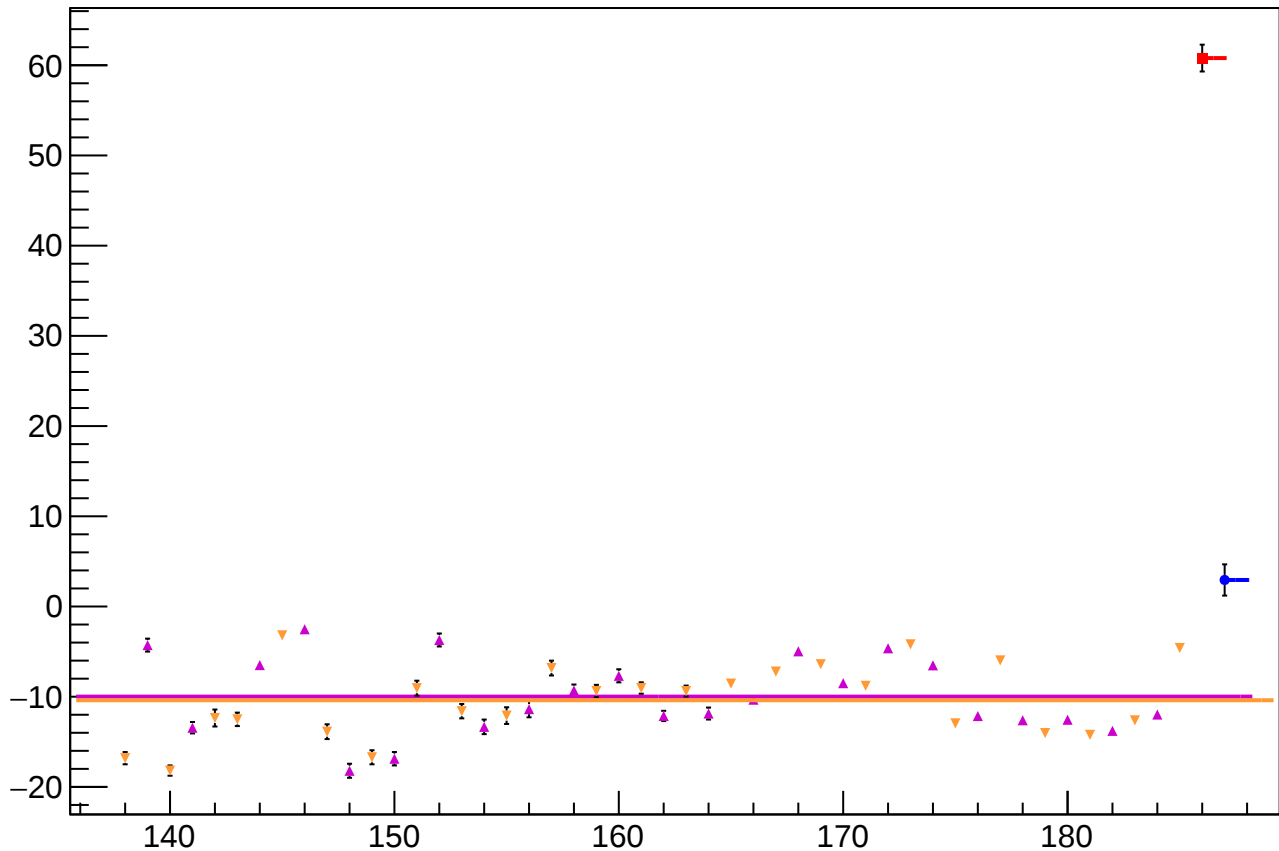
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.122 ± 0.002 χ^2/NDF : 1018.3/42

All: -0.122 ± 0.001 χ^2/NDF : 2869.0/85

- sign -0.121 ± 0.002 χ^2/NDF : 1850.6/42

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: 2.941 ± 1.732 χ^2/NDF : 0.0/0

Left Out: -10.392 ± 0.088 χ^2/NDF : 2112.5/24

Right Out: 60.793 ± 1.487 χ^2/NDF : 0.0/0

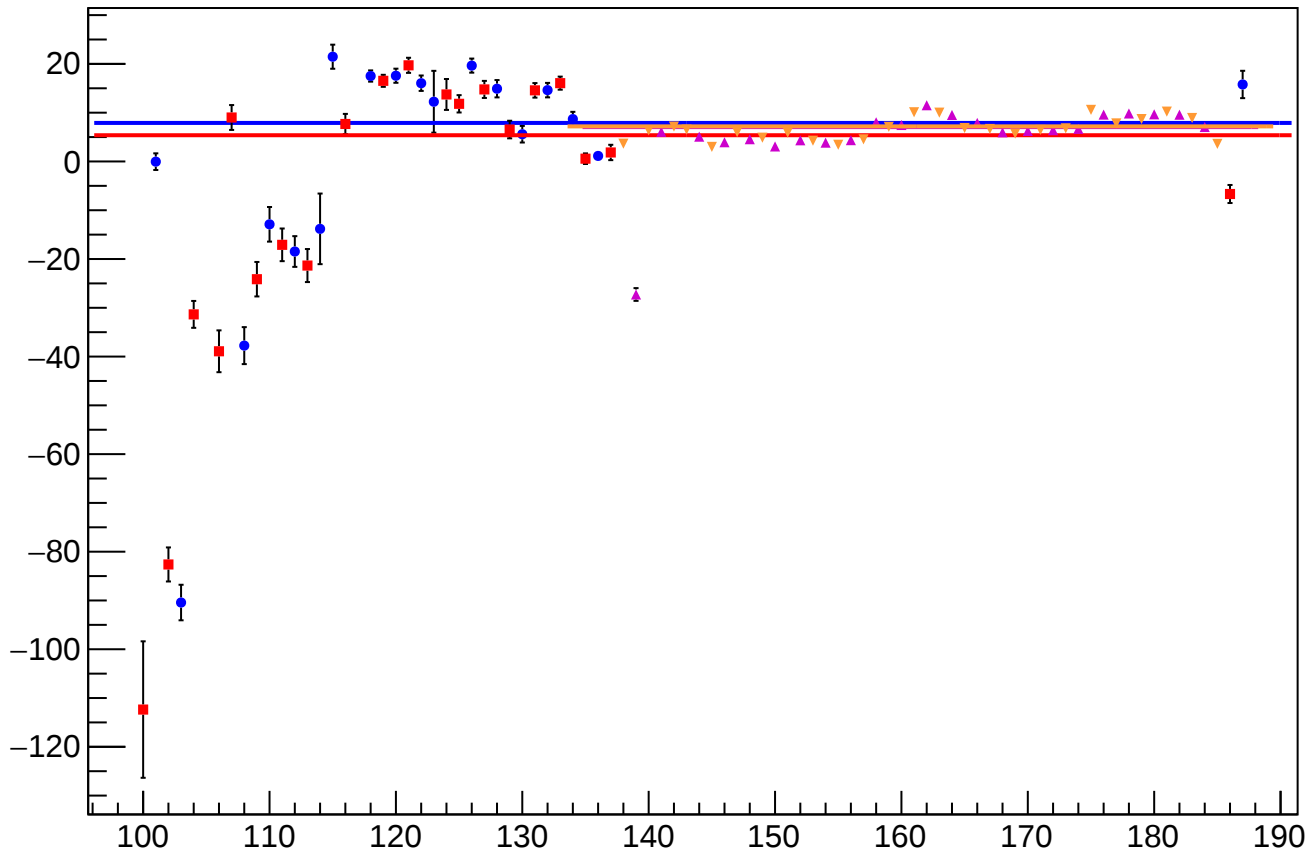
Left In: -9.990 ± 0.089 χ^2/NDF : 1794.2/22

+ sign -10.358 ± 0.088 χ^2/NDF : 2171.5/25

All: -10.051 ± 0.063 χ^2/NDF : 6249.5/49

- sign -9.736 ± 0.089 χ^2/NDF : 4053.2/23

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.899 ± 0.399 $\chi^2/\text{NDF}: 1366.5/17$

Left Out: 7.187 ± 0.074 $\chi^2/\text{NDF}: 916.3/24$

Right Out: 5.376 ± 0.423 $\chi^2/\text{NDF}: 1556.9/19$

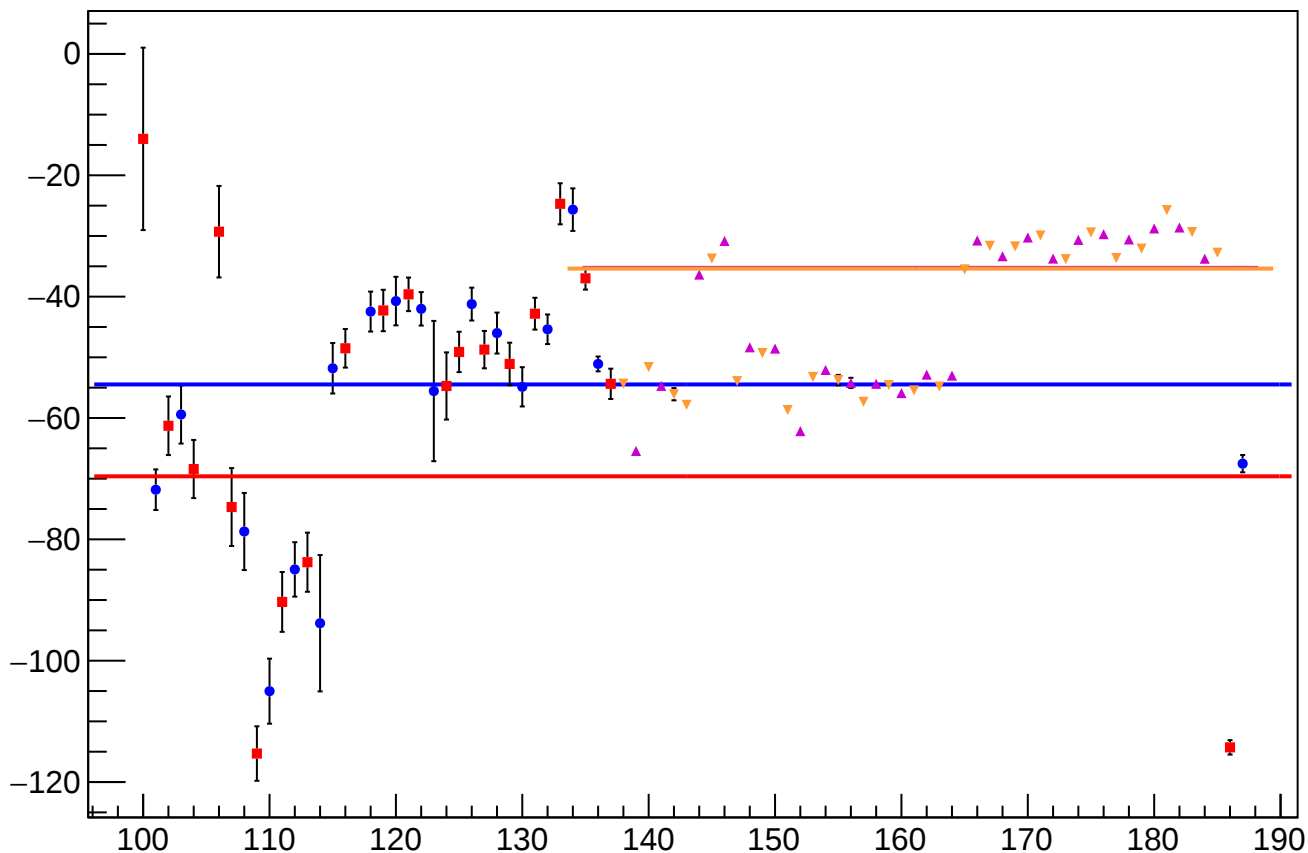
Left In: 7.043 ± 0.074 $\chi^2/\text{NDF}: 1604.6/22$

+ sign 7.211 ± 0.072 $\chi^2/\text{NDF}: 2285.9/42$

All: 7.103 ± 0.051 $\chi^2/\text{NDF}: 5466.9/85$

- sign 6.994 ± 0.073 $\chi^2/\text{NDF}: 3176.5/42$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -54.471 ± 0.655 χ^2/NDF : 439.4/17

Left Out: -35.377 ± 0.089 χ^2/NDF : 12628.3/24

Right Out: -69.613 ± 0.662 χ^2/NDF : 2560.7/19

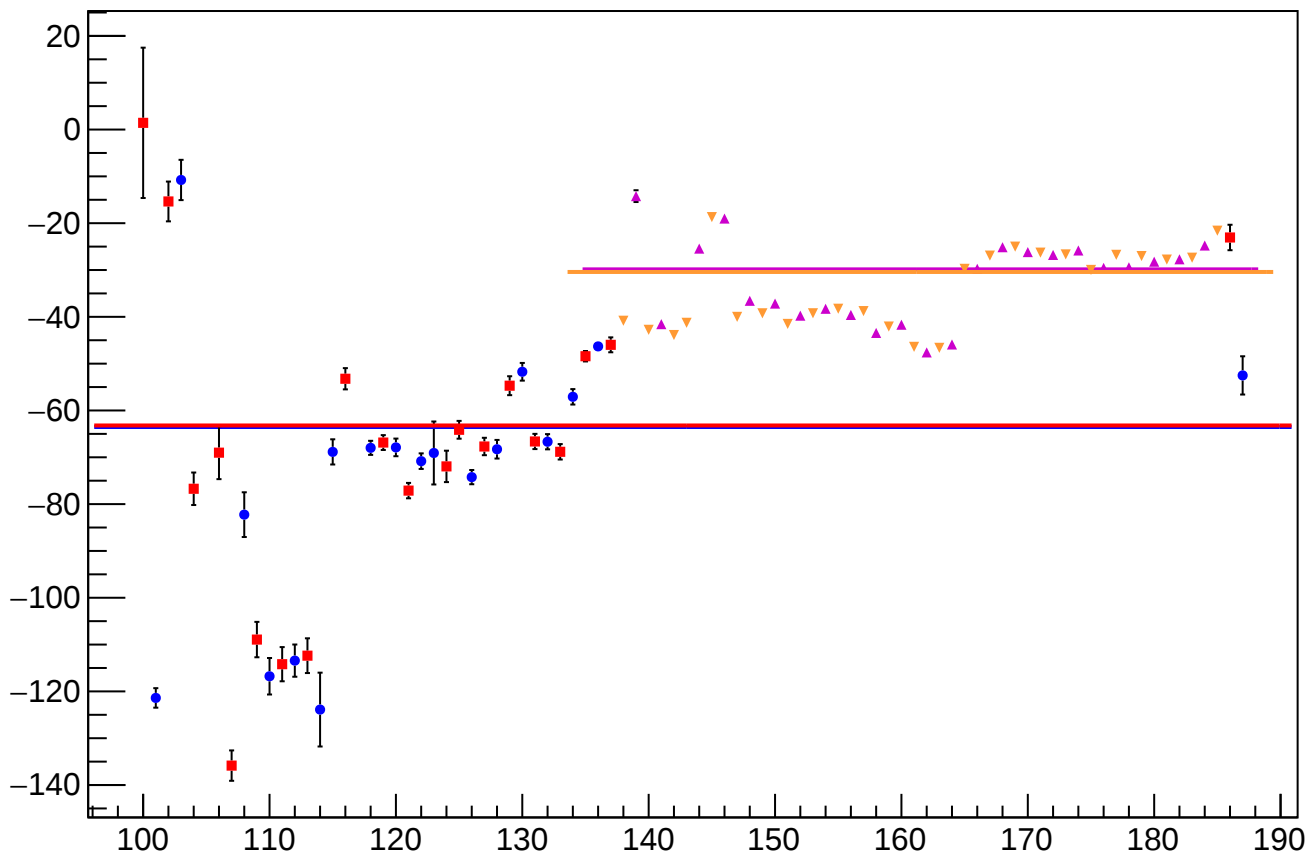
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.724 ± 0.088 χ^2/NDF : 13902.2/42

All: -35.801 ± 0.063 χ^2/NDF : 30877.8/85

- sign -35.880 ± 0.089 χ^2/NDF : 16974.0/42

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.525 $\pm$ 0.443 χ^2 /NDF: 2022.1/17

Left Out: -30.415 $\pm$ 0.082 χ^2 /NDF: 8132.2/24

Right Out: -63.204 $\pm$ 0.475 χ^2 /NDF: 1832.1/19

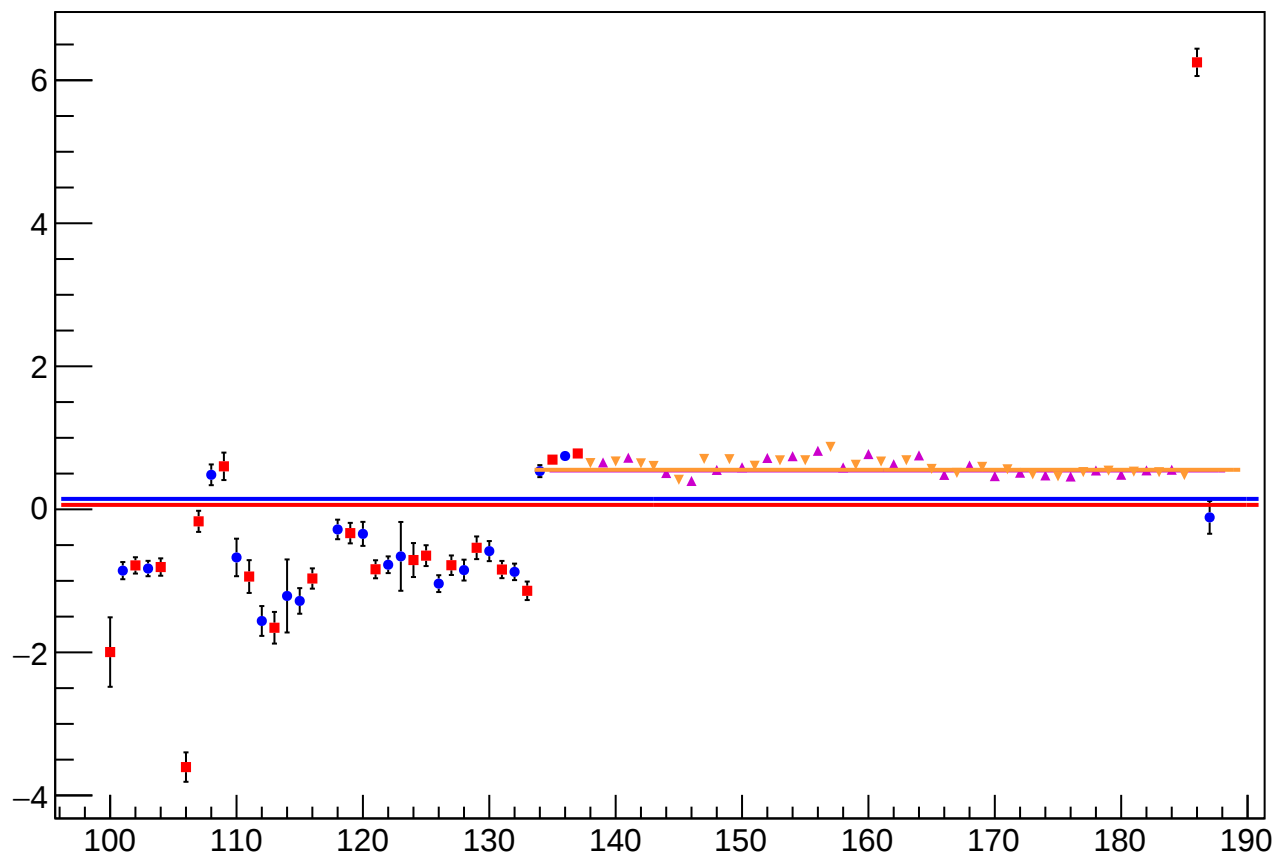
Left In: -29.863 $\pm$ 0.082 χ^2 /NDF: 7145.9/22

+ sign -31.503 $\pm$ 0.080 χ^2 /NDF: 15563.2/42

All: -31.172 $\pm$ 0.057 χ^2 /NDF: 29357.6/85

- sign -30.833 $\pm$ 0.081 χ^2 /NDF: 13760.0/42

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.146 $\pm$ 0.024 χ^2 /NDF: 991.2/17

Left Out: 0.553 $\pm$ 0.004 χ^2 /NDF: 542.9/24

Right Out: 0.062 $\pm$ 0.026 χ^2 /NDF: 2235.3/19

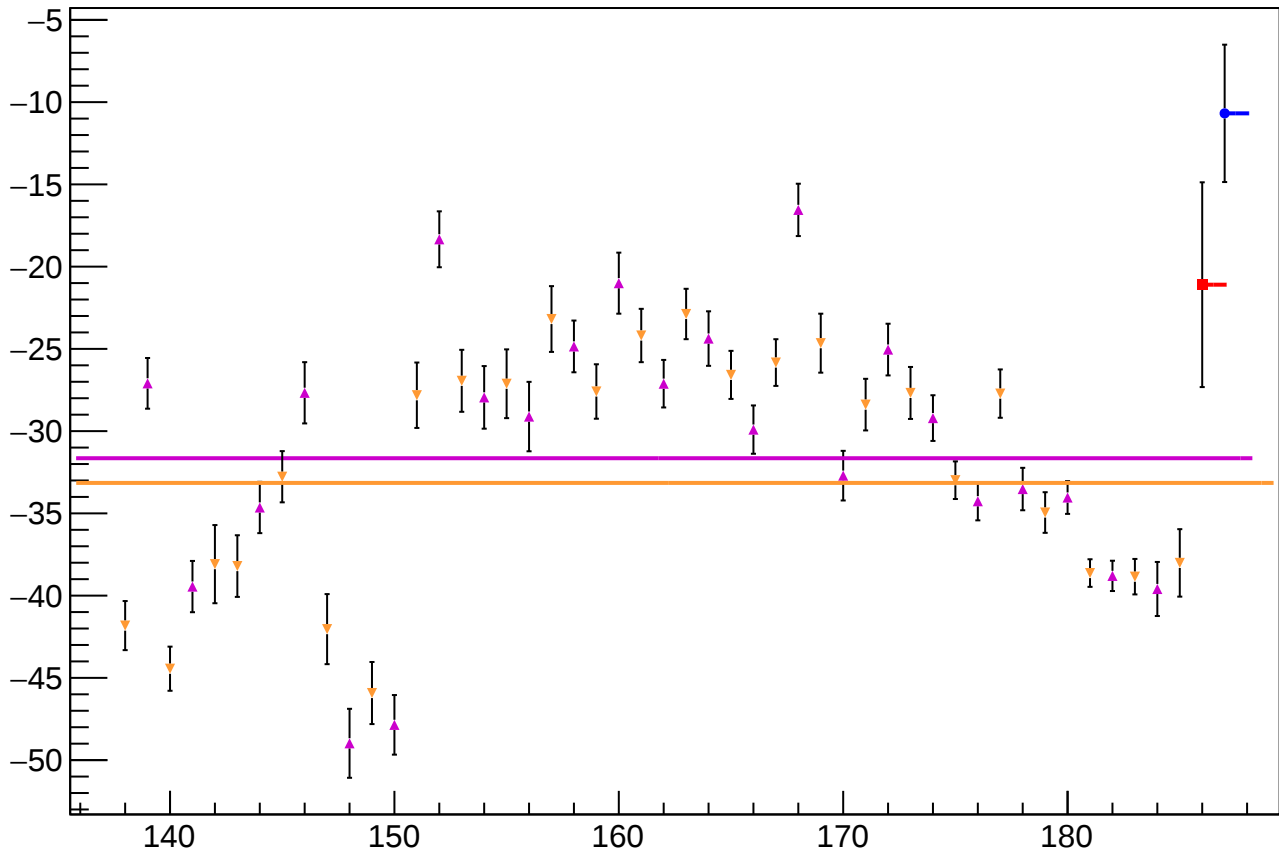
Left In: 0.544 $\pm$ 0.004 χ^2 /NDF: 659.2/22

+ sign 0.543 $\pm$ 0.004 χ^2 /NDF: 1818.3/42

All: 0.539 $\pm$ 0.003 χ^2 /NDF: 5053.0/85

- sign 0.534 $\pm$ 0.004 χ^2 /NDF: 3231.3/42

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -10.682 ± 4.176 χ^2/NDF : 0.0/0

Left Out: -33.148 ± 0.301 χ^2/NDF : 500.0/24

Right Out: -21.098 ± 6.224 χ^2/NDF : 0.0/0

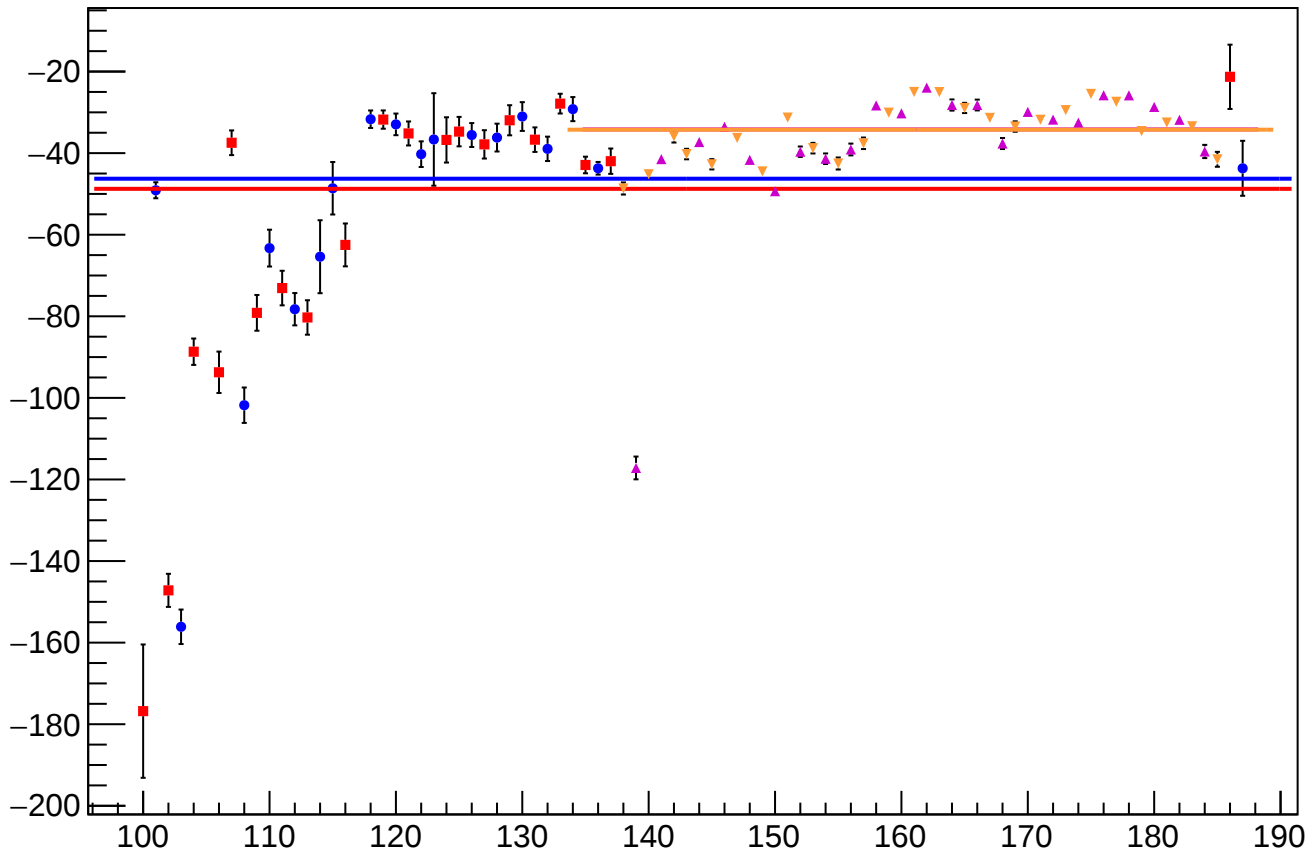
Left In: -31.647 ± 0.308 χ^2/NDF : 546.9/22

+ sign -33.032 ± 0.300 χ^2/NDF : 528.8/25

All: -32.344 ± 0.215 χ^2/NDF : 1089.3/49

- sign -31.621 ± 0.307 χ^2/NDF : 549.7/23

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.271 ± 0.719 χ^2/NDF : 1084.2/17

Left Out: -34.256 ± 0.242 χ^2/NDF : 693.3/24

Right Out: -48.750 ± 0.760 χ^2/NDF : 1283.9/19

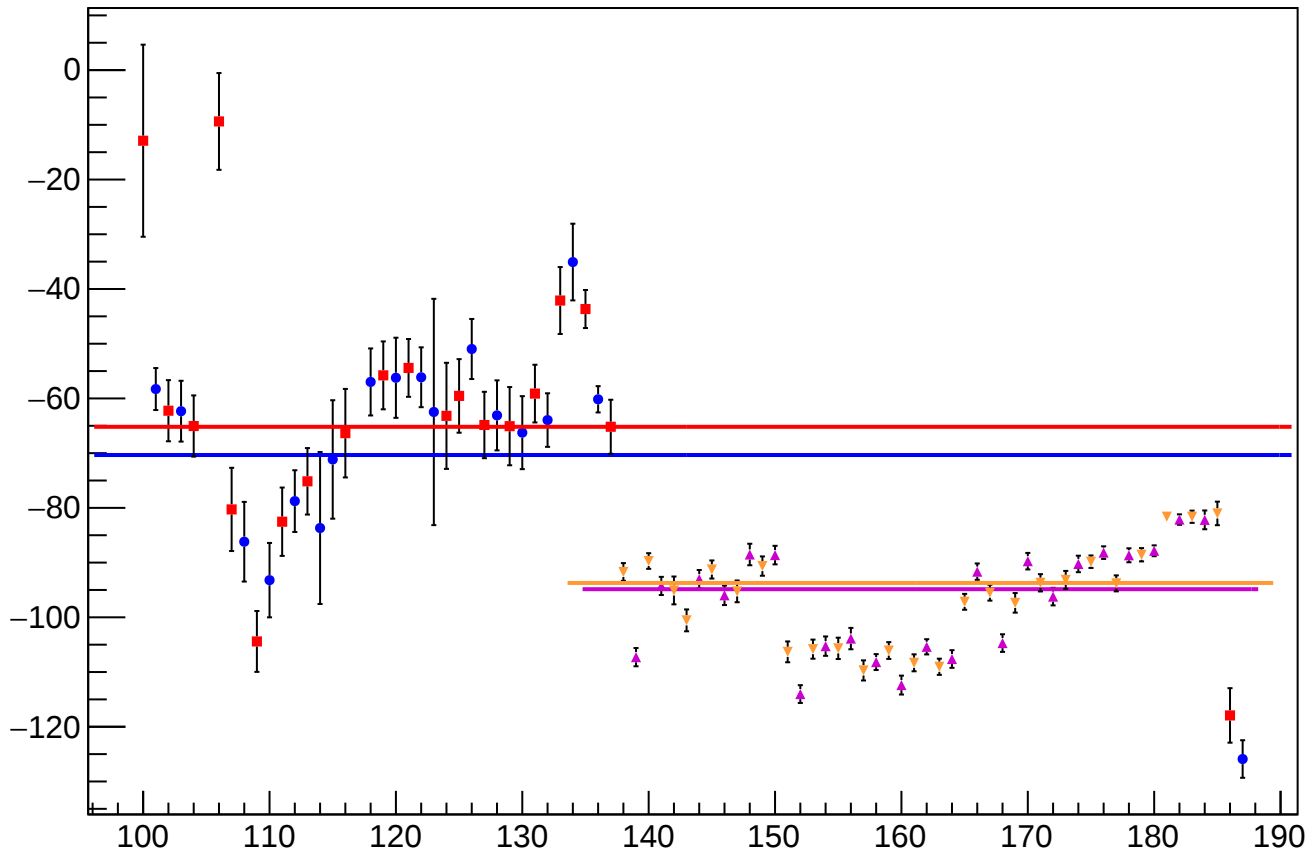
Left In: -34.189 ± 0.250 χ^2/NDF : 1546.1/22

+ sign -35.481 ± 0.229 χ^2/NDF : 2028.5/42

All: -35.544 ± 0.165 χ^2/NDF : 5189.8/85

- sign -35.612 ± 0.238 χ^2/NDF : 3161.1/42

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -70.340 ± 1.224 χ^2/NDF : 367.7/17

Left Out: -93.719 ± 0.302 χ^2/NDF : 878.2/24

Right Out: -65.186 ± 1.329 χ^2/NDF : 286.2/19

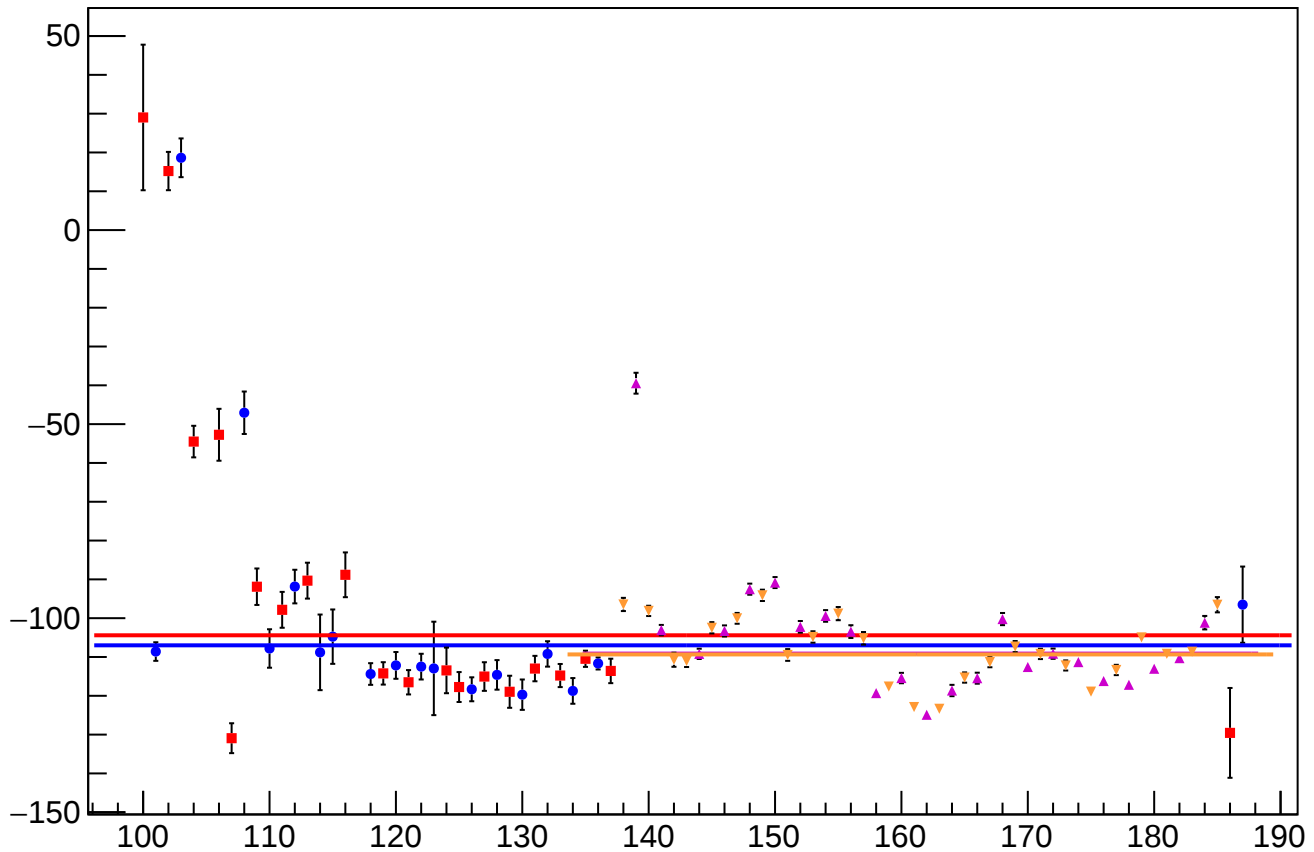
Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

+ sign -92.375 ± 0.293 χ^2/NDF : 1589.8/42

All: -92.856 ± 0.210 χ^2/NDF : 3340.0/85

- sign -93.356 ± 0.299 χ^2/NDF : 1744.7/42

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -106.995 ± 0.809 $\chi^2/\text{NDF}: 829.5/17$

Left Out: -109.338 ± 0.272 $\chi^2/\text{NDF}: 826.2/24$

Right Out: -104.409 ± 0.859 $\chi^2/\text{NDF}: 1023.4/19$

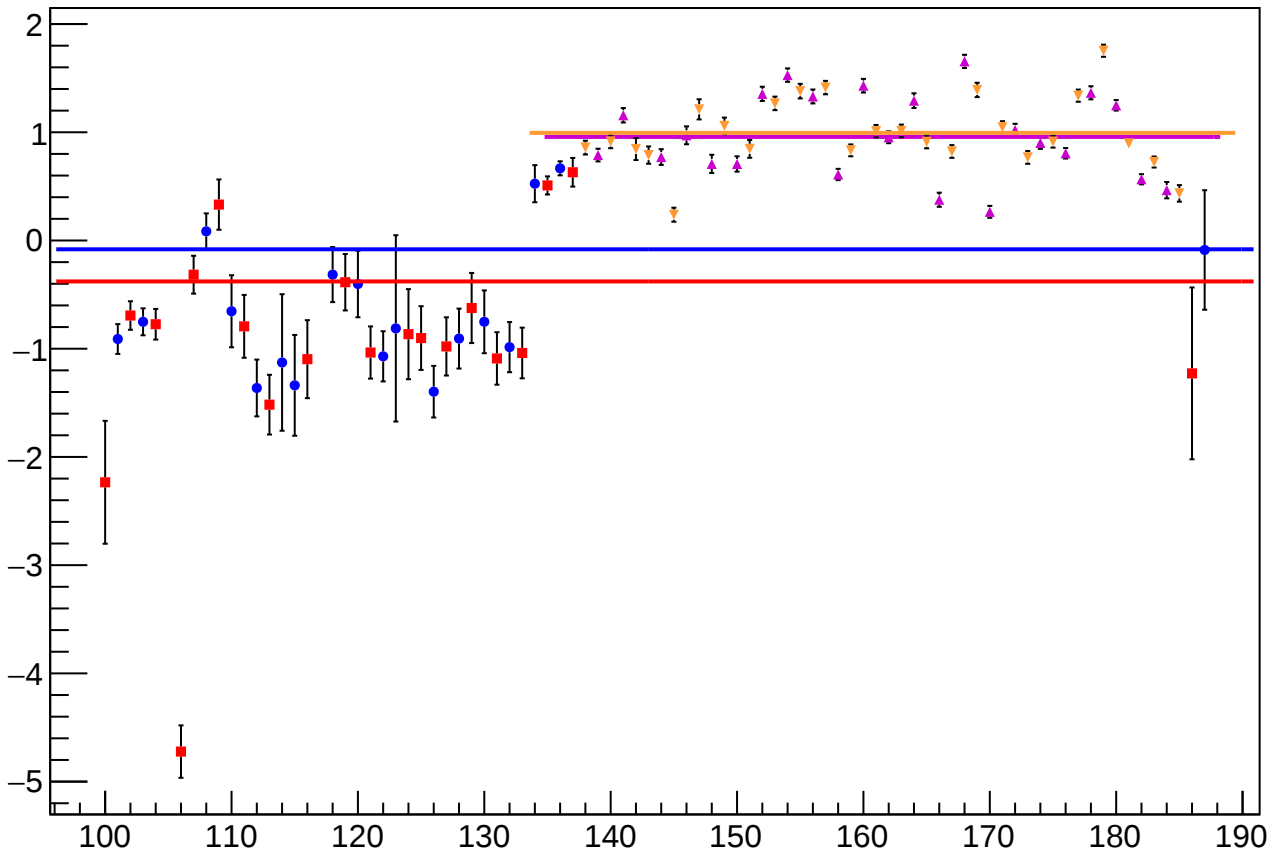
Left In: -109.126 ± 0.279 $\chi^2/\text{NDF}: 1578.7/22$

+ sign -109.100 ± 0.258 $\chi^2/\text{NDF}: 1663.2/42$

All: -108.894 ± 0.185 $\chi^2/\text{NDF}: 4294.0/85$

- sign -108.675 ± 0.265 $\chi^2/\text{NDF}: 2629.4/42$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/17

Left Out: 0.995 ± 0.012 χ^2/NDF : 635.3/24

Right Out: -0.378 ± 0.044 χ^2/NDF : 584.2/19

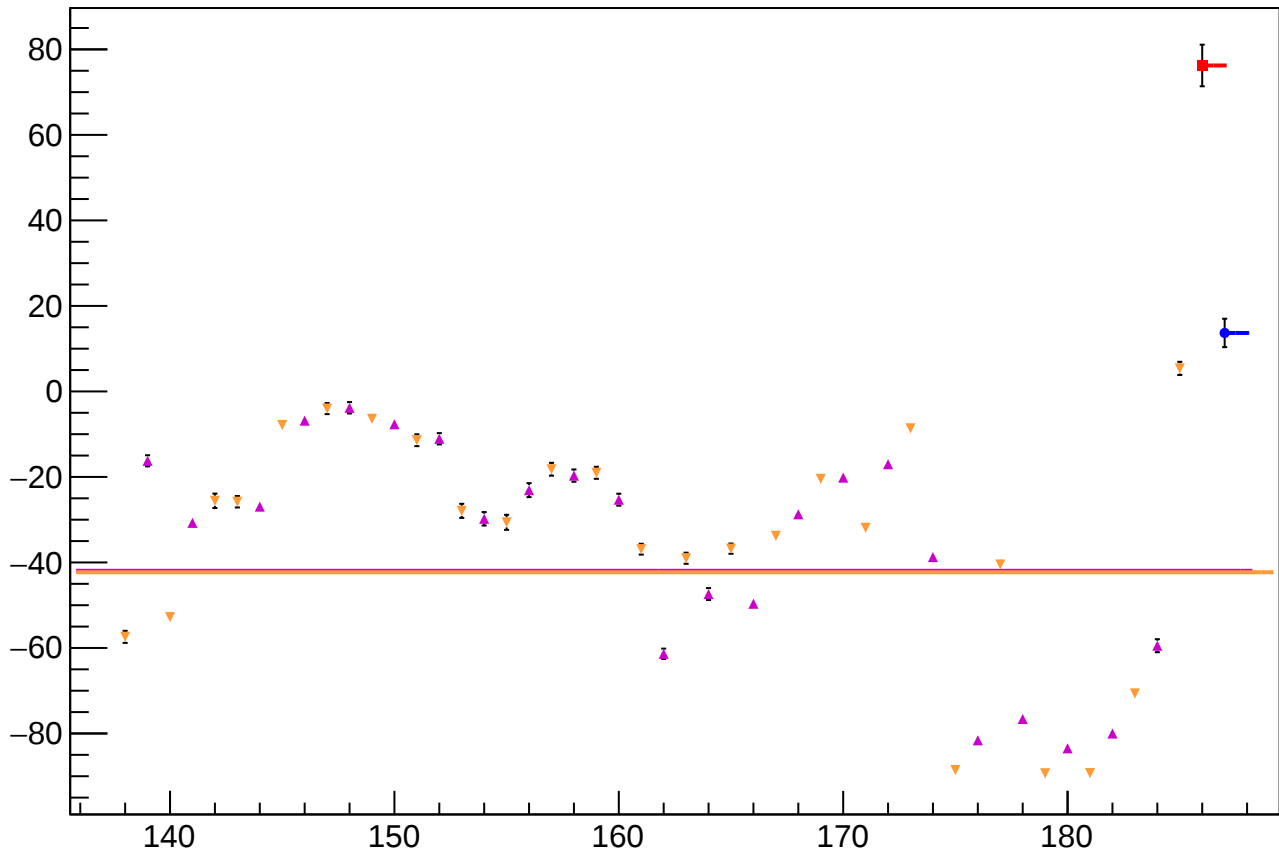
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.908 ± 0.012 χ^2/NDF : 1566.5/42

All: 0.882 ± 0.008 χ^2/NDF : 3914.3/85

- sign 0.855 ± 0.012 χ^2/NDF : 2338.0/42

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: 13.675+/-3.323 χ^2/NDF : 0.0/0

Left Out: -42.295+/-0.222 χ^2/NDF : 18267.5/24

Right Out: 76.234+/-4.867 χ^2/NDF : 0.0/0

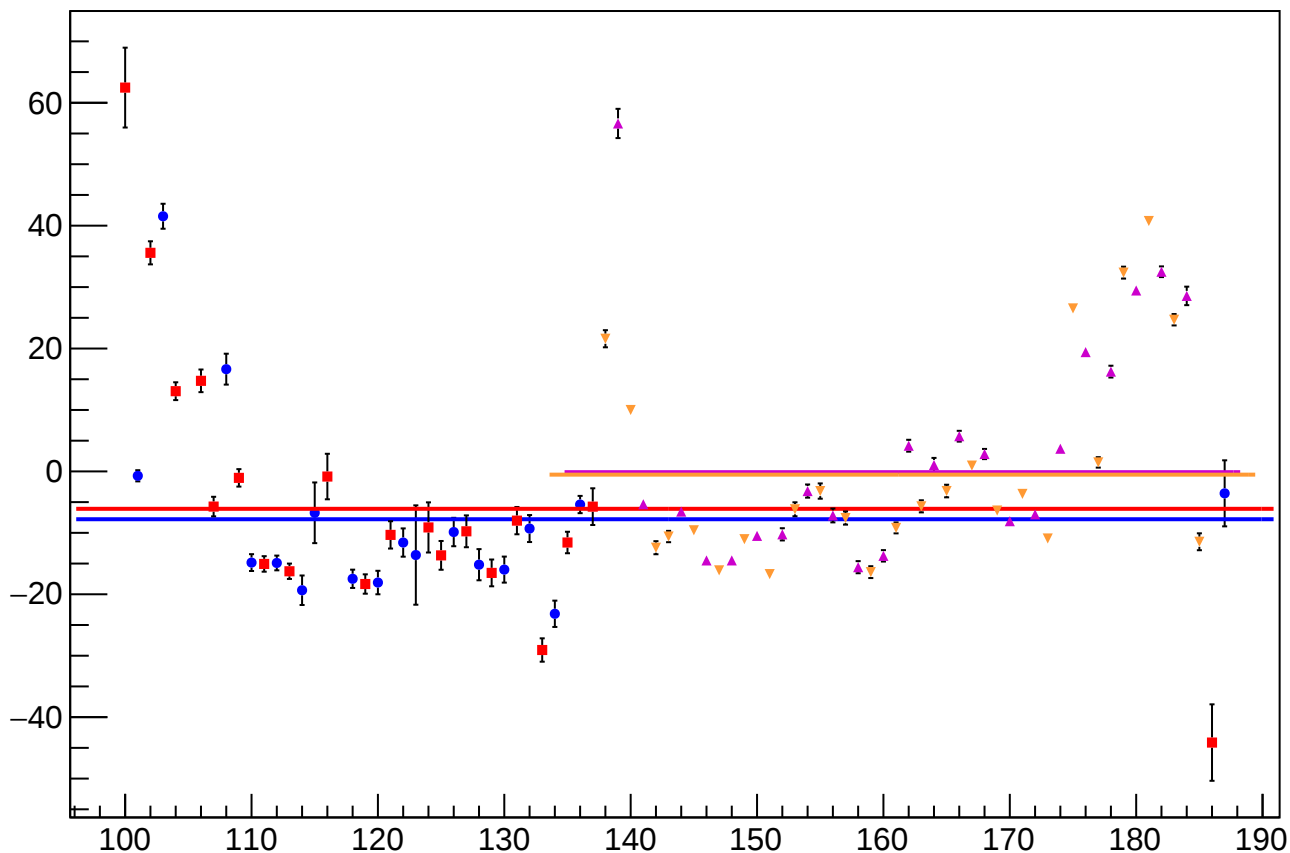
Left In: -41.955+/-0.226 χ^2/NDF : 14723.4/22

+ sign -42.045+/-0.222 χ^2/NDF : 18549.9/25

All: -41.876+/-0.158 χ^2/NDF : 33863.0/49

- sign -41.701+/-0.226 χ^2/NDF : 15311.9/23

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.785+/-0.426 χ^2/NDF : 983.4/17

Left Out: -0.527+/-0.175 χ^2/NDF : 8707.9/24

Right Out: -6.089+/-0.428 χ^2/NDF : 1330.6/19

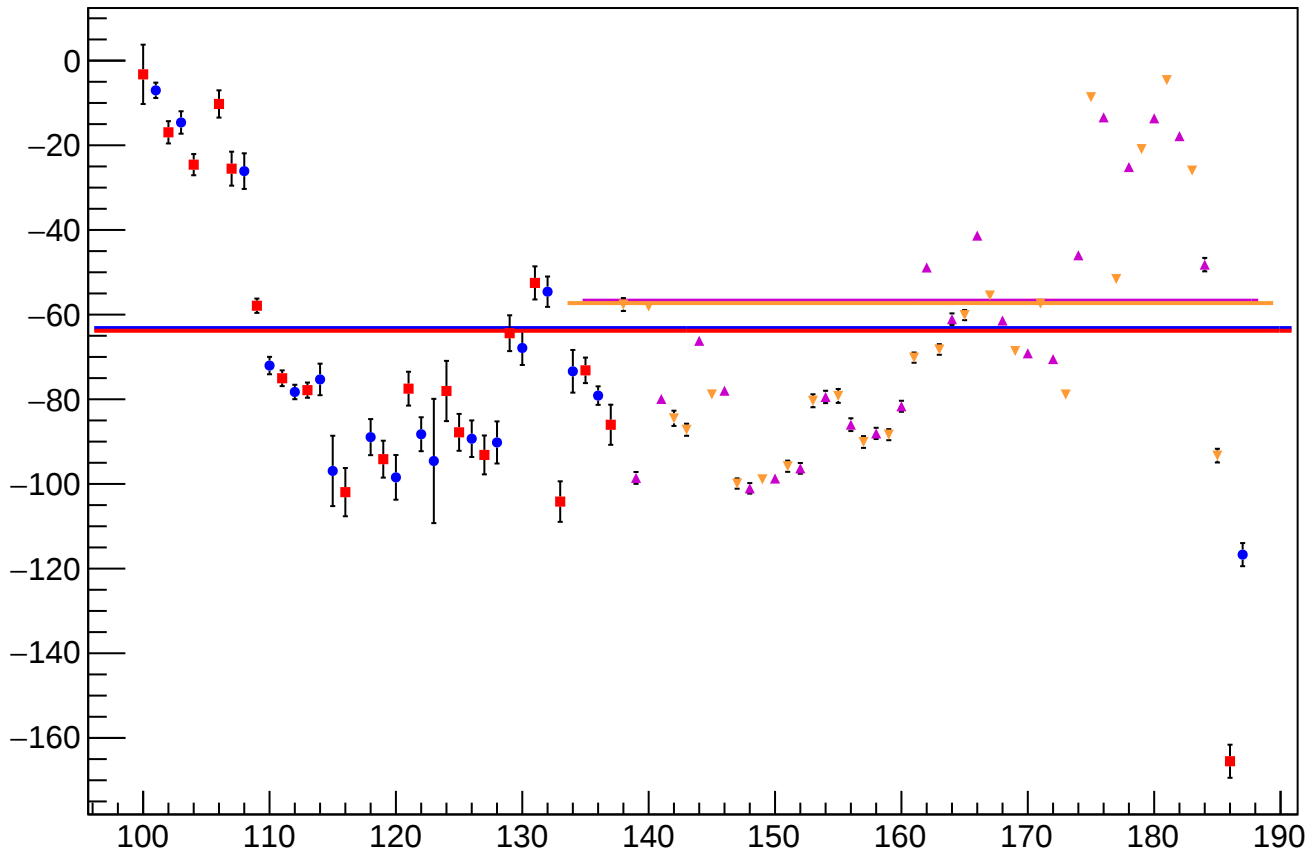
Left In: -0.125+/-0.179 χ^2/NDF : 6925.0/22

+ sign -1.572+/-0.162 χ^2/NDF : 9939.8/42

All: -1.296+/-0.115 χ^2/NDF : 18366.8/85

- sign -1.009+/-0.165 χ^2/NDF : 8421.0/42

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -63.180 $\pm$ 0.718 χ^2 /NDF: 2132.6/17

Left Out: -57.276 $\pm$ 0.224 χ^2 /NDF:18511.1/24

Right Out: -63.812 $\pm$ 0.693 χ^2 /NDF: 2082.5/19

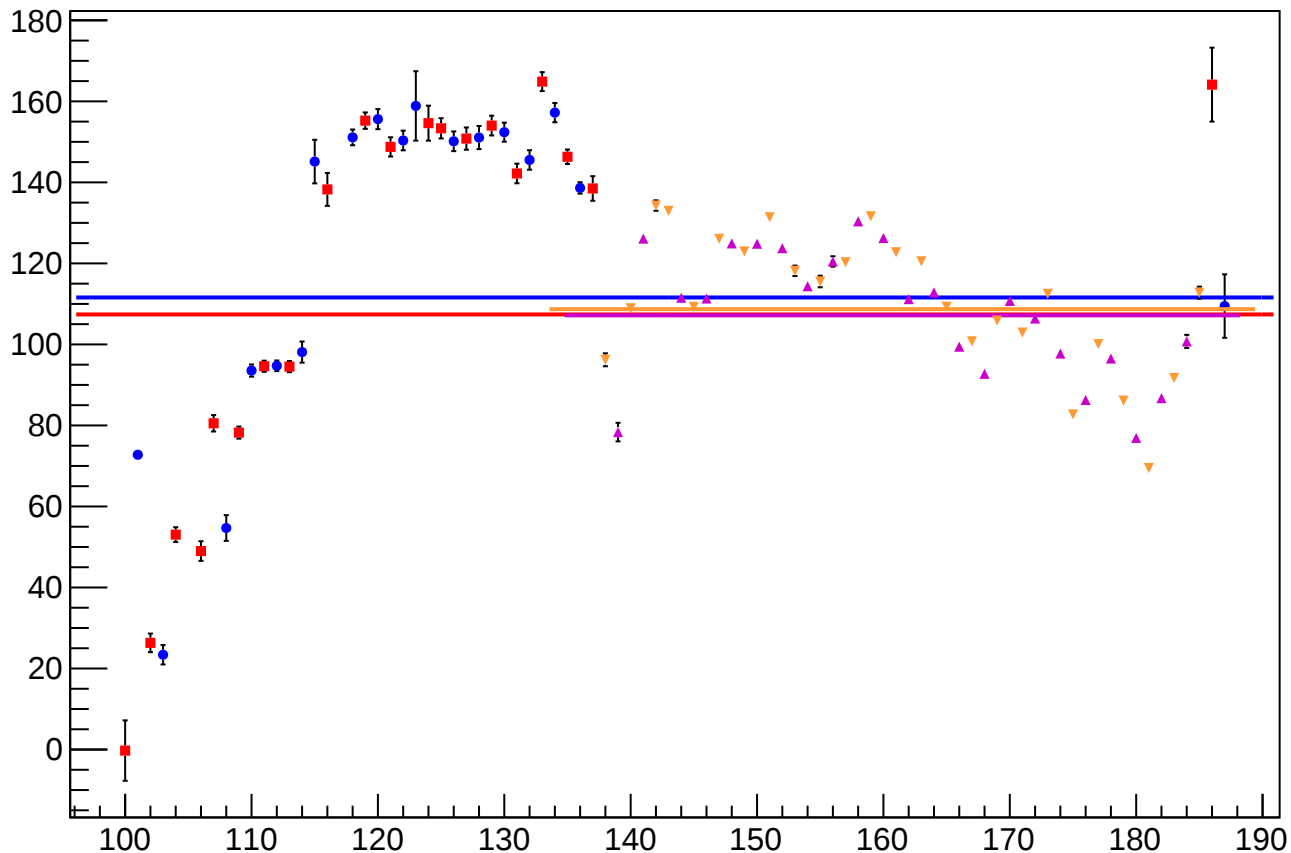
Left In: -56.705 $\pm$ 0.226 χ^2 /NDF:16547.5/22

+ sign -57.798 $\pm$ 0.213 χ^2 /NDF: 20705.4/42

All: -57.595 $\pm$ 0.151 χ^2 /NDF: 39432.4/85

- sign -57.388 $\pm$ 0.215 χ^2 /NDF: 18725.1/42

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.590 $\pm$ 0.486 χ^2 /NDF: 5959.6/17

Left Out: 108.709 $\pm$ 0.198 χ^2 /NDF: 7297.0/24

Right Out: 107.400 $\pm$ 0.487 χ^2 /NDF: 7076.2/19

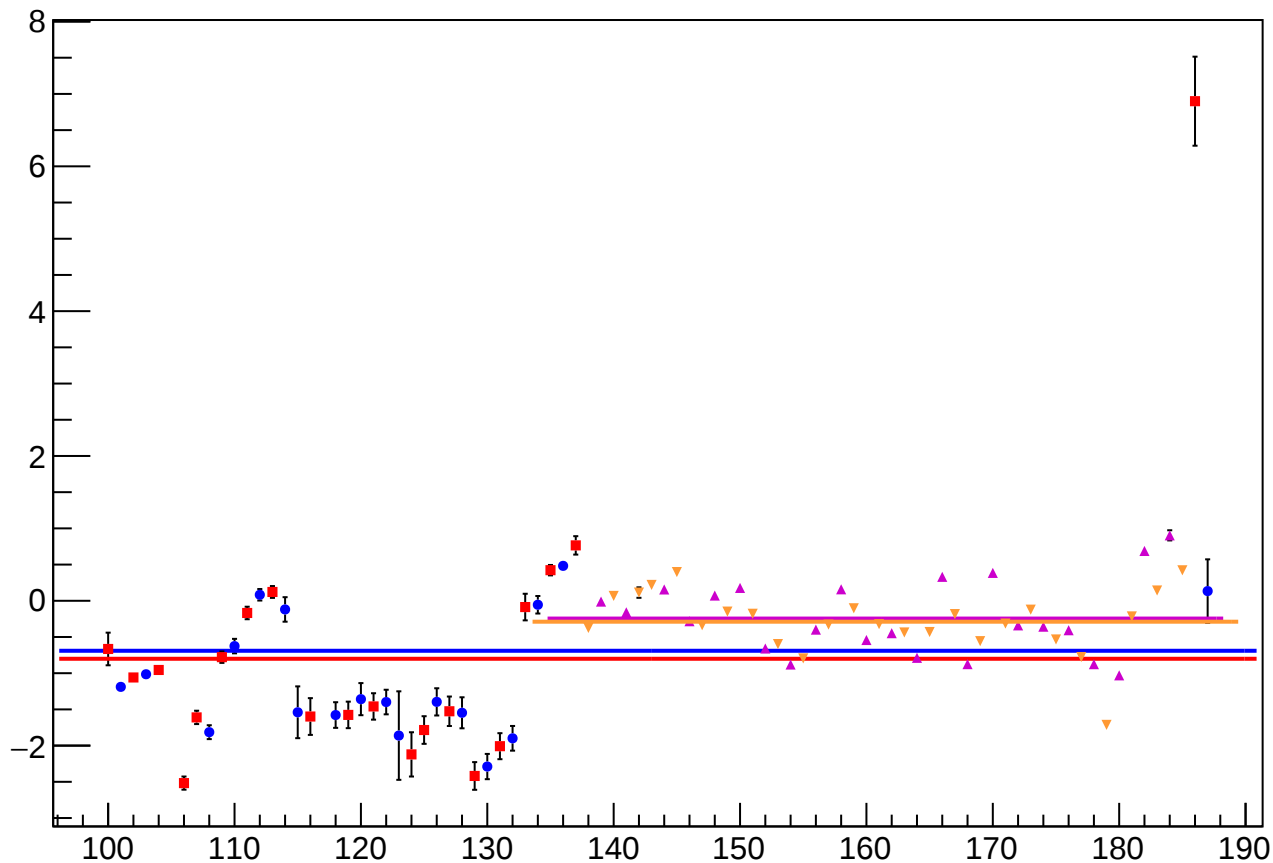
Left In: 107.180 $\pm$ 0.202 χ^2 /NDF: 5592.3/22

+ sign 109.118 $\pm$ 0.183 χ^2 /NDF: 13286.7/42

All: 108.182 $\pm$ 0.131 χ^2 /NDF: 26008.6/85

- sign 107.212 $\pm$ 0.186 χ^2 /NDF: 12668.7/42

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.690 ± 0.026 χ^2/NDF : 996.6/17

Left Out: -0.289 ± 0.009 χ^2/NDF : 2039.6/24

Right Out: -0.801 ± 0.024 χ^2/NDF : 1467.8/19

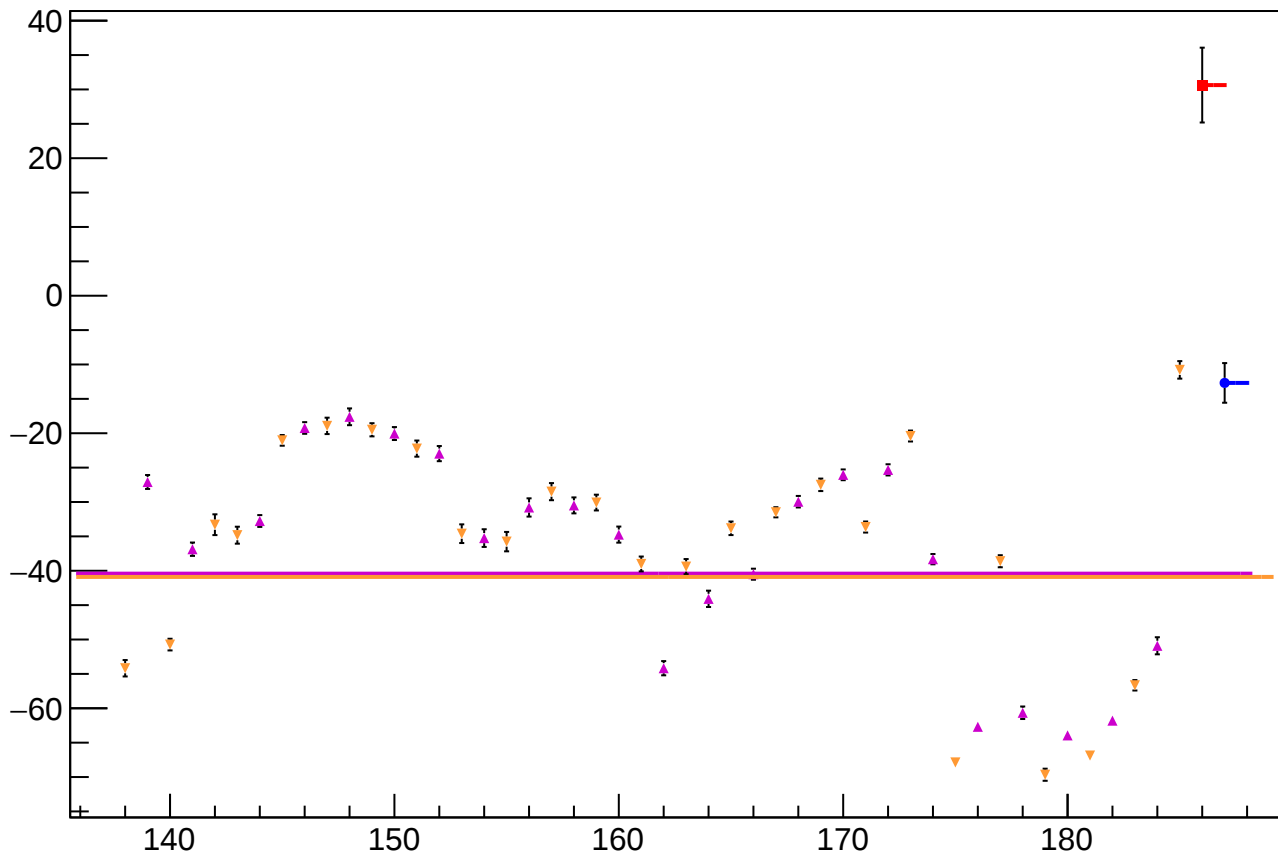
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.333 ± 0.009 χ^2/NDF : 3252.7/42

All: -0.324 ± 0.006 χ^2/NDF : 7982.9/85

- sign -0.315 ± 0.009 χ^2/NDF : 4727.9/42

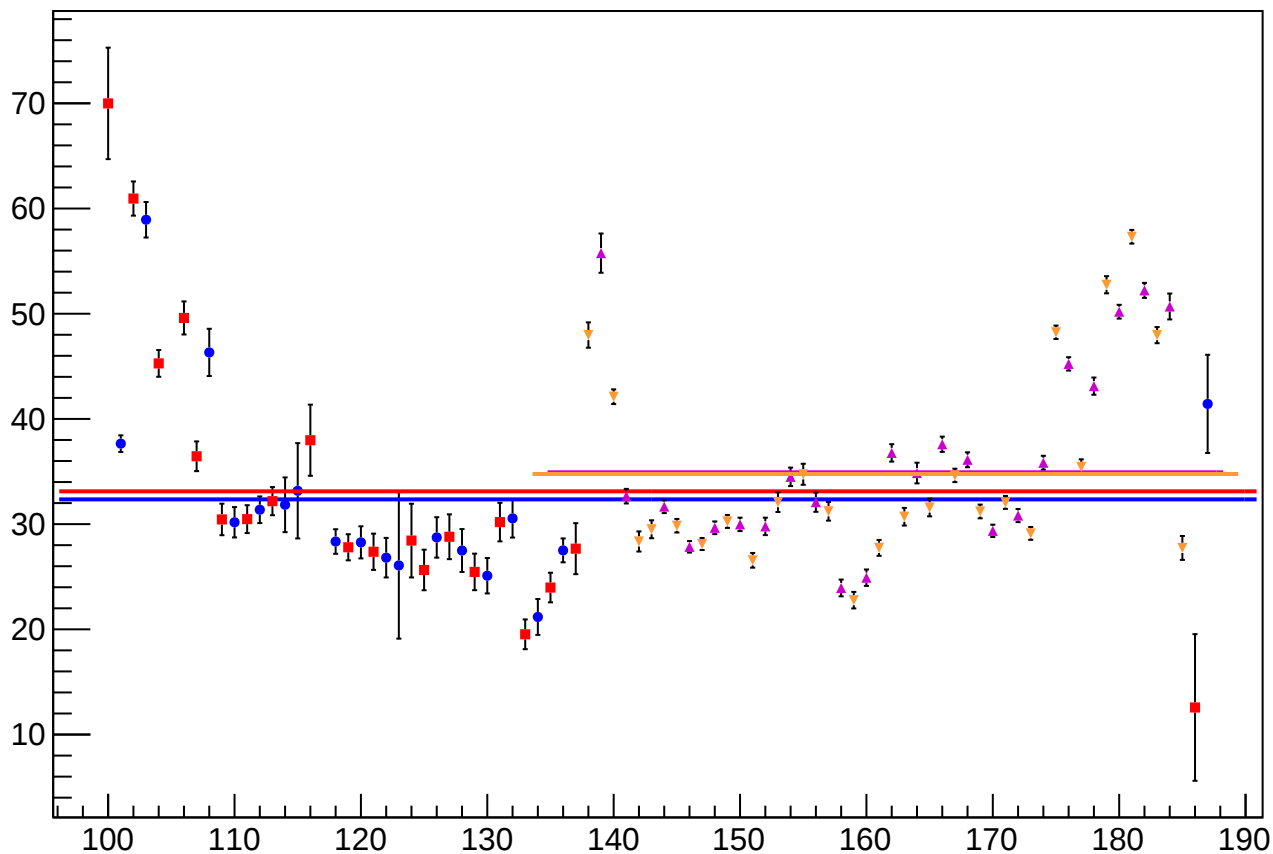
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -12.681 ± 2.883 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -40.897 ± 0.186 $\chi^2/\text{NDF}: 9114.7/24$
 Right Out: 30.633 ± 5.441 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -40.422 ± 0.189 $\chi^2/\text{NDF}: 7030.2/22$

+ sign -40.779 ± 0.186 $\chi^2/\text{NDF}: 9210.1/25$
 All: -40.561 ± 0.132 $\chi^2/\text{NDF}: 16413.4/49$
 - sign -40.336 ± 0.189 $\chi^2/\text{NDF}: 7200.5/23$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.353 ± 0.371 $\chi^2/\text{NDF}: 456.0/17$

Left Out: 34.768 ± 0.148 $\chi^2/\text{NDF}: 3677.3/24$

Right Out: 33.119 ± 0.379 $\chi^2/\text{NDF}: 779.0/19$

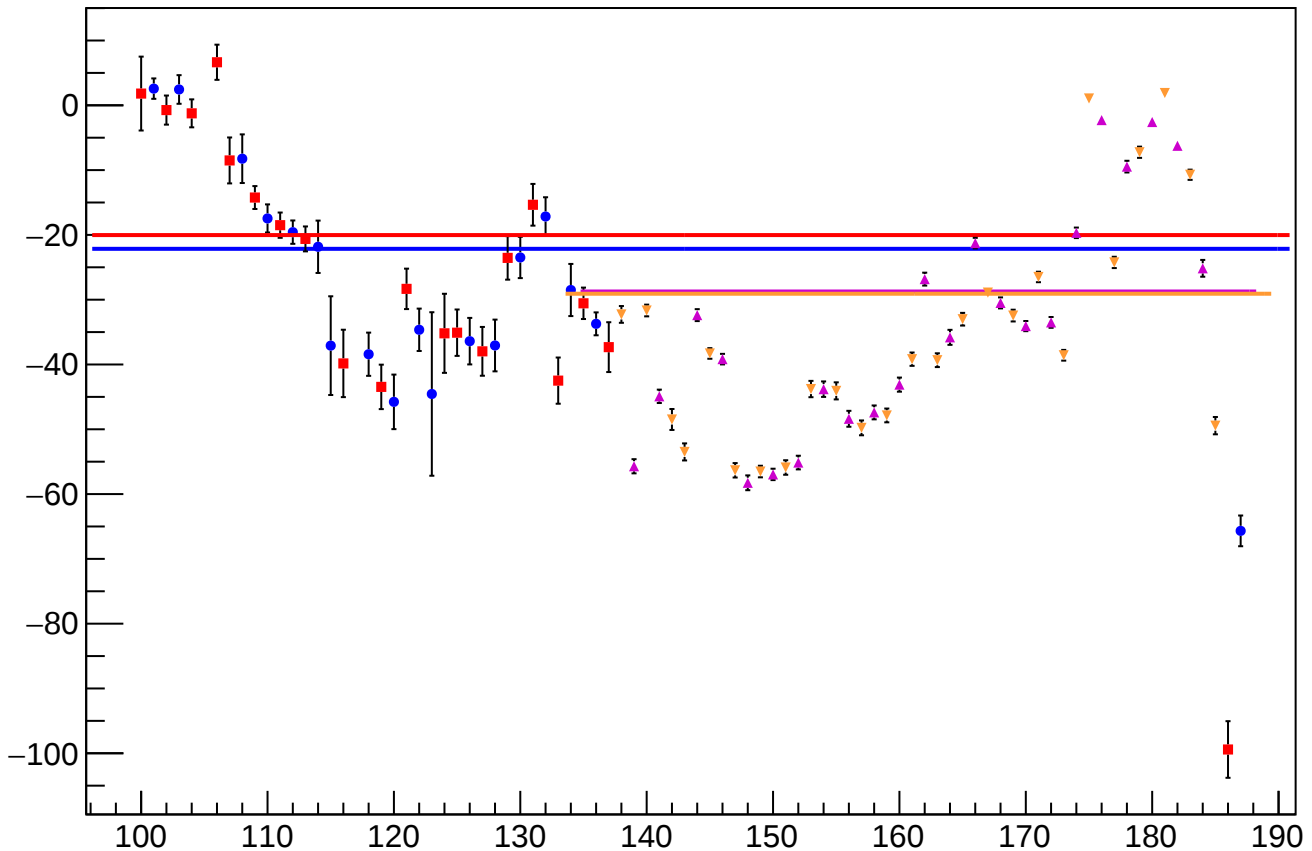
Left In: 34.928 ± 0.151 $\chi^2/\text{NDF}: 2688.4/22$

+ sign 34.438 ± 0.137 $\chi^2/\text{NDF}: 4169.9/42$

All: 34.556 ± 0.098 $\chi^2/\text{NDF}: 7658.5/85$

- sign 34.679 ± 0.140 $\chi^2/\text{NDF}: 3487.1/42$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -22.149 ± 0.641 $\chi^2/\text{NDF}: 883.3/17$

Left Out: -29.080 ± 0.187 $\chi^2/\text{NDF}: 10059.5/24$

Right Out: -20.028 ± 0.637 $\chi^2/\text{NDF}: 809.9/19$

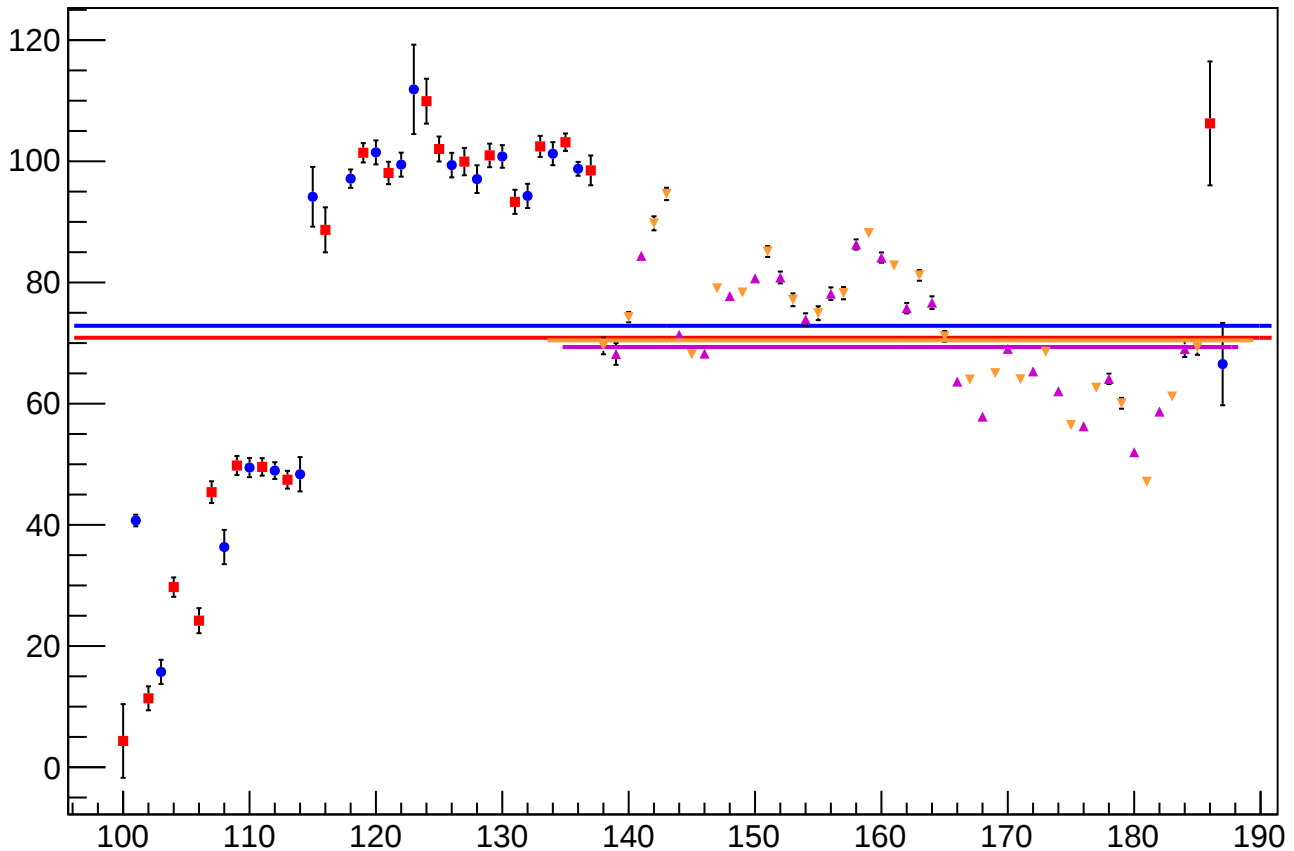
Left In: -28.735 ± 0.189 $\chi^2/\text{NDF}: 9155.5/22$

+ sign -28.535 ± 0.180 $\chi^2/\text{NDF}: 11050.6/42$

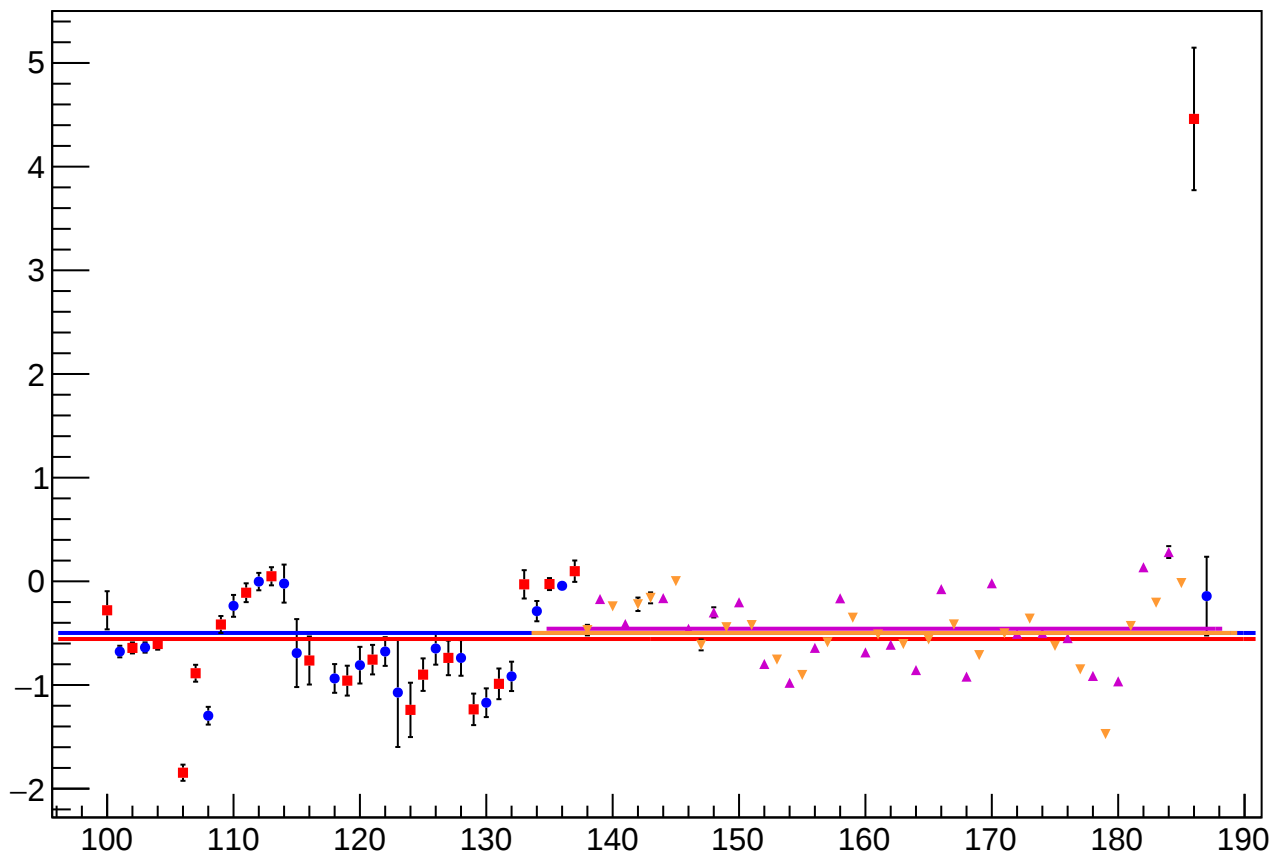
All: -28.285 ± 0.128 $\chi^2/\text{NDF}: 21191.8/85$

- sign -28.031 ± 0.181 $\chi^2/\text{NDF}: 10137.3/42$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498 ± 0.022 χ^2/NDF : 304.4/17

Left Out: -0.498 ± 0.008 χ^2/NDF : 1440.7/24

Right Out: -0.556 ± 0.021 χ^2/NDF : 615.7/19

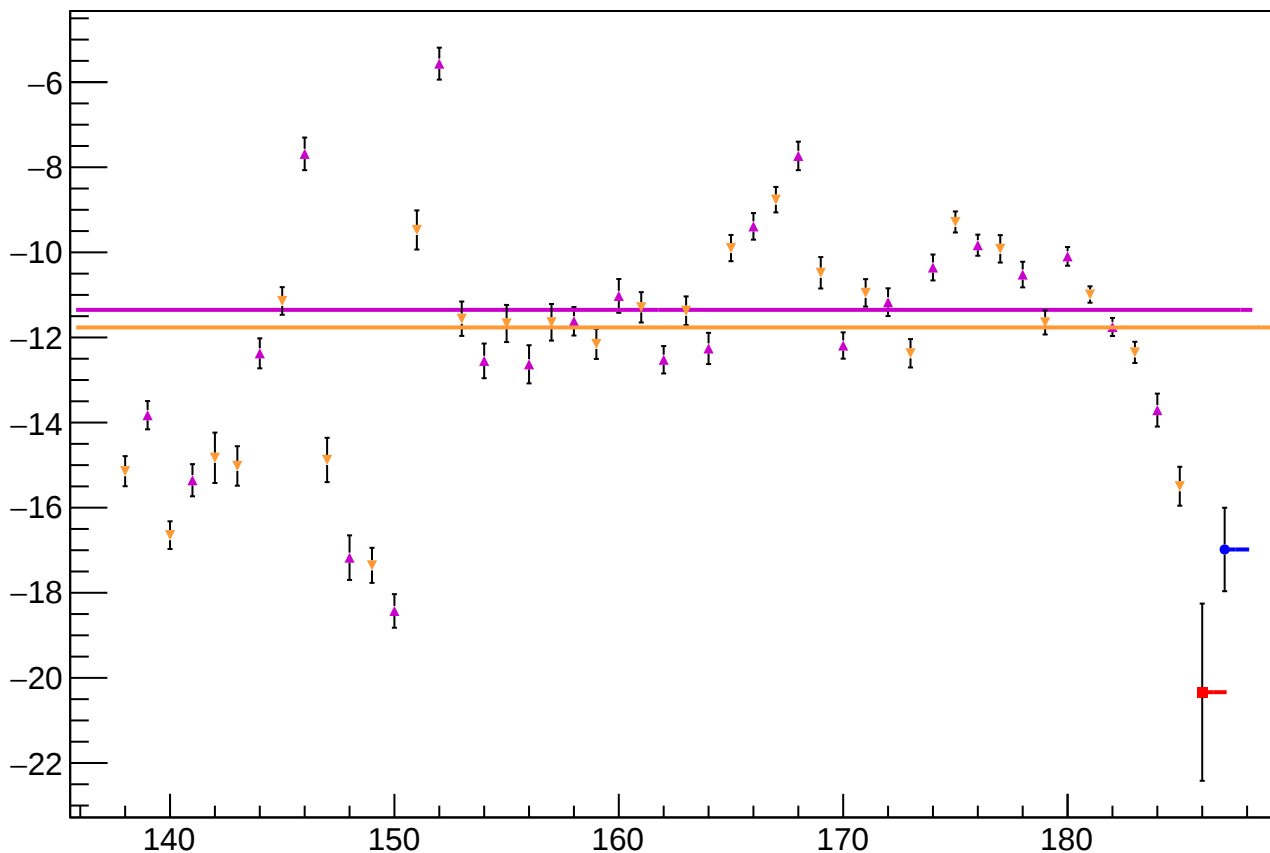
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.498 ± 0.007 χ^2/NDF : 1745.1/42

All: -0.483 ± 0.005 χ^2/NDF : 4363.4/85

- sign -0.468 ± 0.007 χ^2/NDF : 2610.0/42

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -16.982 ± 0.981 χ^2/NDF : 0.0/0

Left Out: -11.764 ± 0.067 χ^2/NDF : 1025.9/24

Right Out: -20.336 ± 2.082 χ^2/NDF : 0.0/0

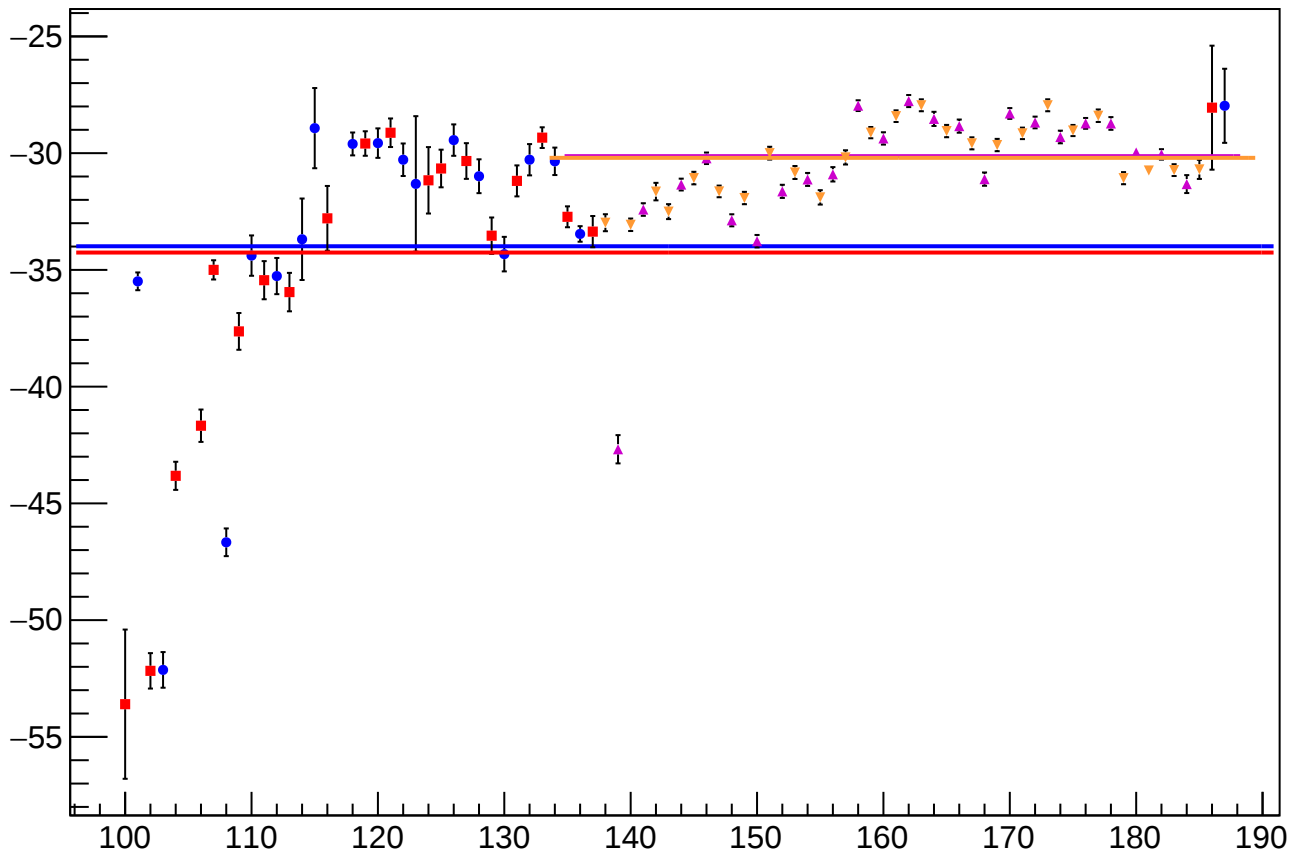
Left In: -11.352 ± 0.068 χ^2/NDF : 1280.6/22

+ sign -11.788 ± 0.067 χ^2/NDF : 1054.0/25

All: -11.578 ± 0.047 χ^2/NDF : 2373.5/49

- sign -11.361 ± 0.068 χ^2/NDF : 1299.2/23

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -33.987 ± 0.150 χ^2/NDF : 1355.3/17

Left Out: -30.201 ± 0.054 χ^2/NDF : 725.7/24

Right Out: -34.257 ± 0.151 χ^2/NDF : 1354.9/19

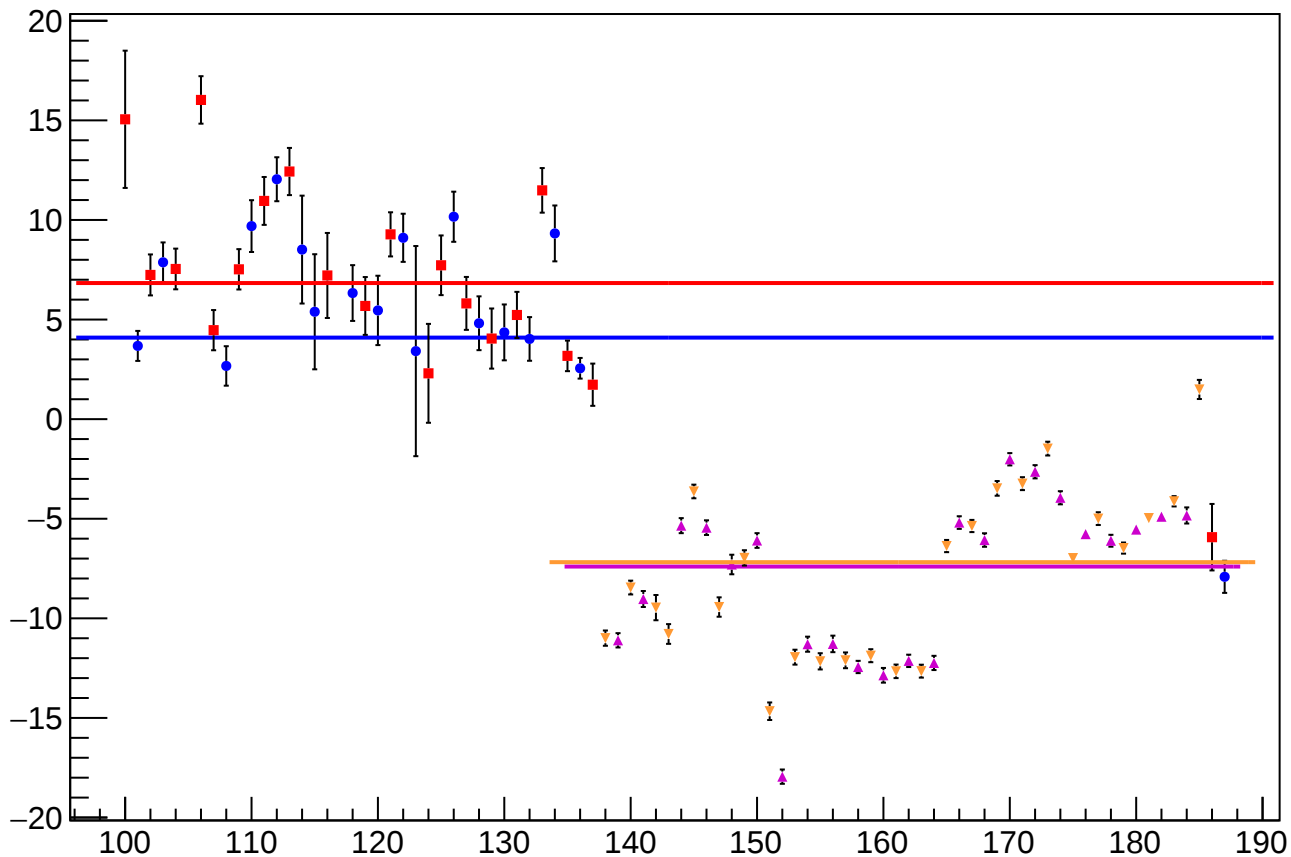
Left In: -30.128 ± 0.055 χ^2/NDF : 1290.4/22

+ sign -30.635 ± 0.051 χ^2/NDF : 2645.0/42

All: -30.627 ± 0.036 χ^2/NDF : 5952.8/85

- sign -30.620 ± 0.052 χ^2/NDF : 3307.7/42

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 4.094 ± 0.256 χ^2/NDF : 378.4/17

Left Out: -7.180 ± 0.067 χ^2/NDF : 3015.8/24

Right Out: 6.833 ± 0.271 χ^2/NDF : 242.6/19

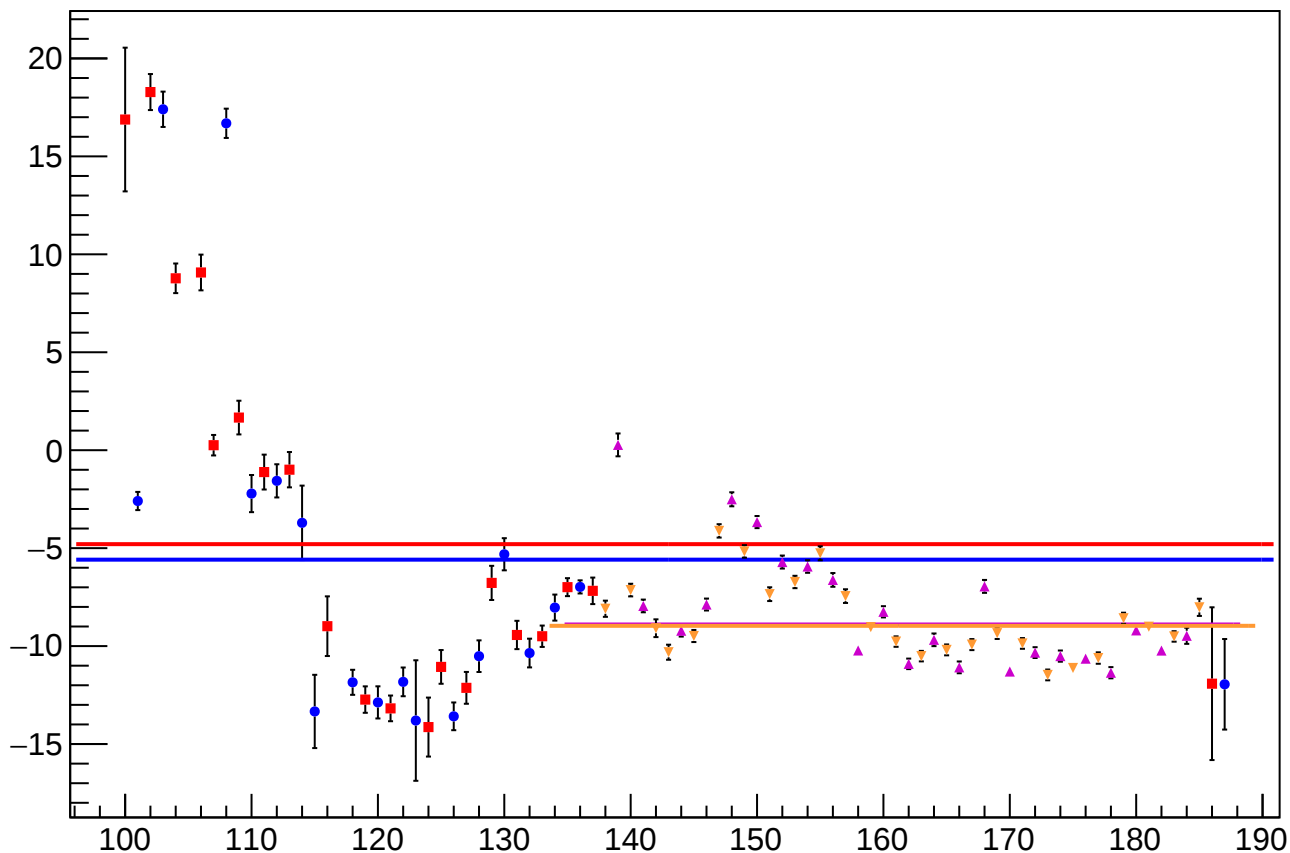
Left In: -7.400 ± 0.068 χ^2/NDF : 3134.9/22

+ sign -6.456 ± 0.065 χ^2/NDF : 5213.8/42

All: -6.510 ± 0.046 χ^2/NDF : 11197.9/85

- sign -6.564 ± 0.066 χ^2/NDF : 5982.7/42

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.588 ± 0.169 χ^2/NDF : 2132.9/17

Left Out: -8.965 ± 0.060 χ^2/NDF : 876.6/24

Right Out: -4.796 ± 0.173 χ^2/NDF : 2043.7/19

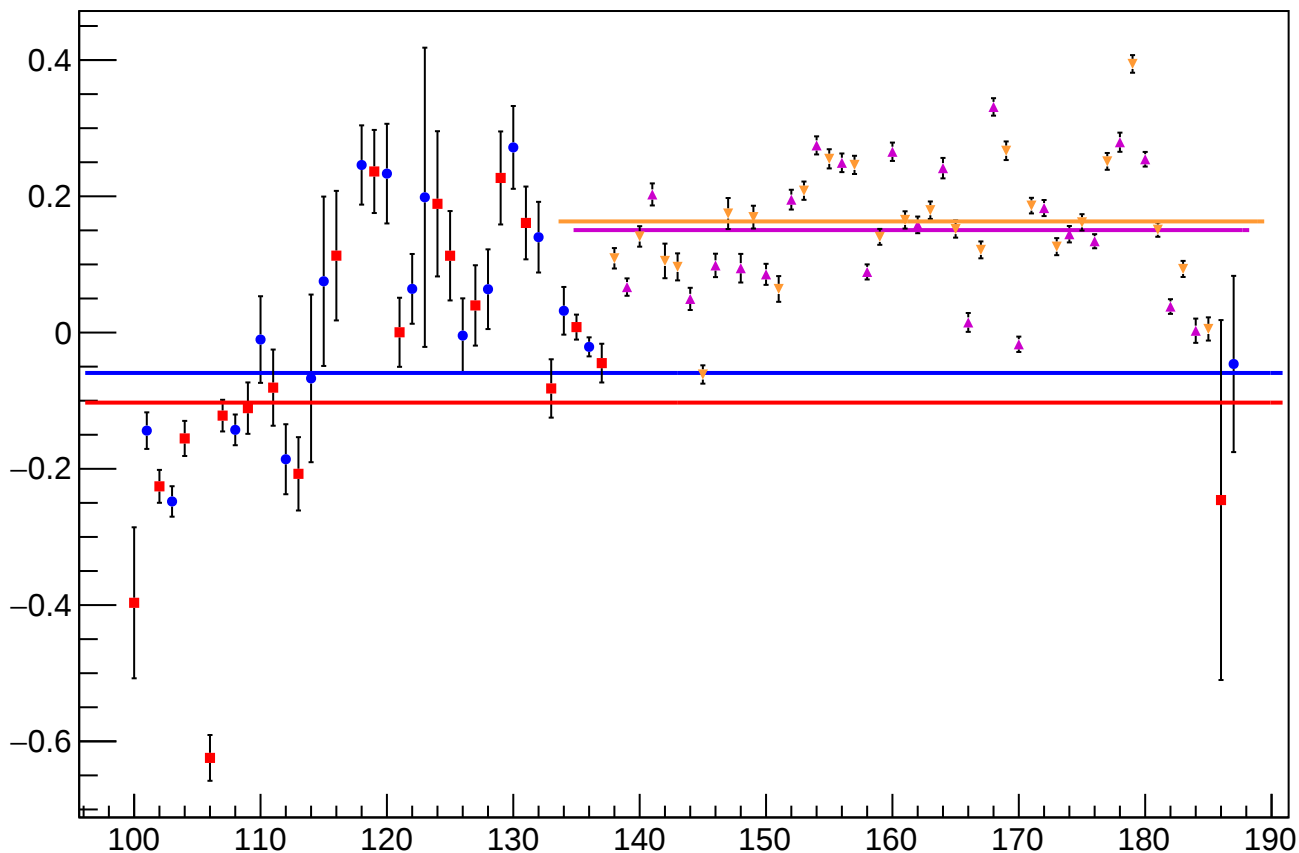
Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

+ sign -8.586 ± 0.057 χ^2/NDF : 3362.3/42

All: -8.512 ± 0.041 χ^2/NDF : 7494.3/85

- sign -8.436 ± 0.058 χ^2/NDF : 4128.6/42

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/17

Left Out: 0.163 ± 0.003 χ^2/NDF : 1011.4/24

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.8/19

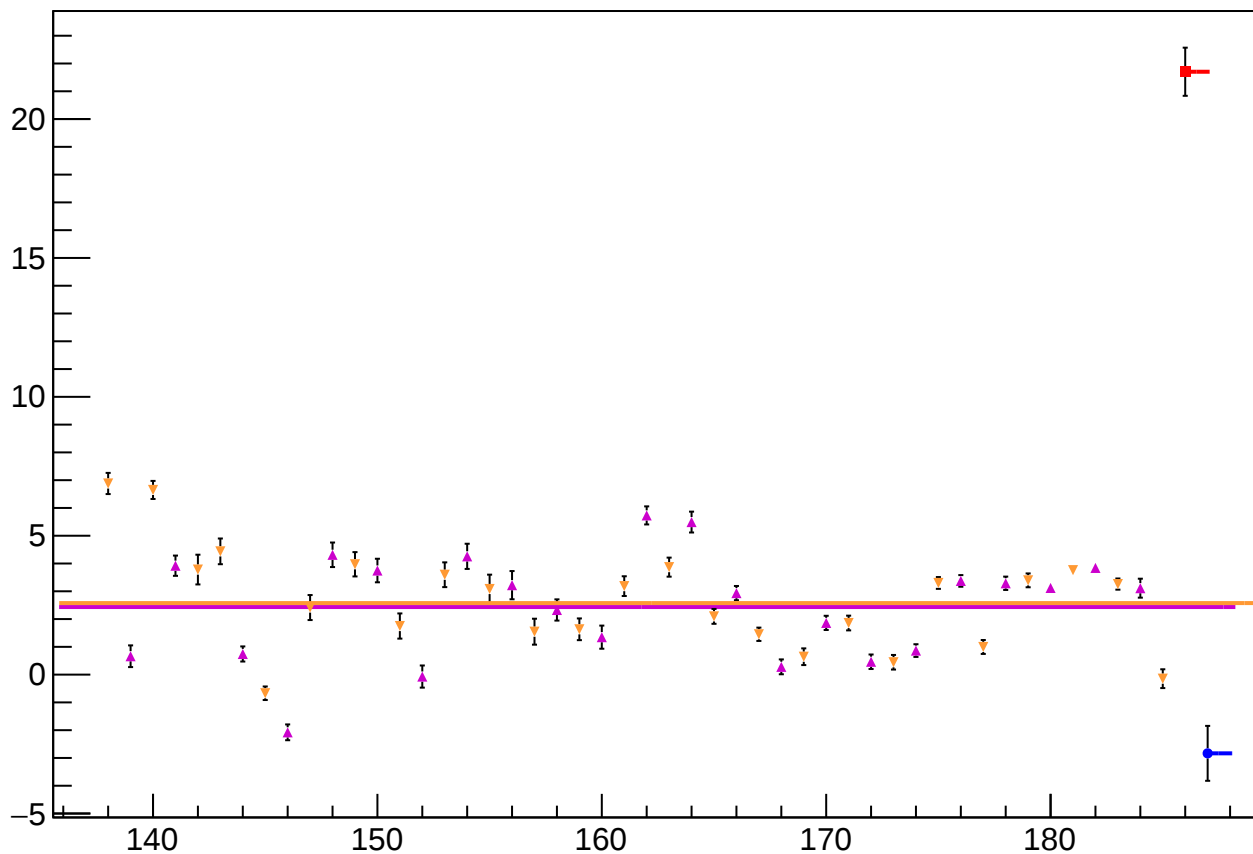
Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

+ sign 0.142 ± 0.003 χ^2/NDF : 1866.9/42

All: 0.134 ± 0.002 χ^2/NDF : 4435.6/85

- sign 0.126 ± 0.003 χ^2/NDF : 2550.3/42

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: -2.834 ± 0.988 χ^2/NDF : 0.0/0

Left Out: 2.575 ± 0.058 χ^2/NDF : 868.1/24

Right Out: 21.703 ± 0.867 χ^2/NDF : 0.0/0

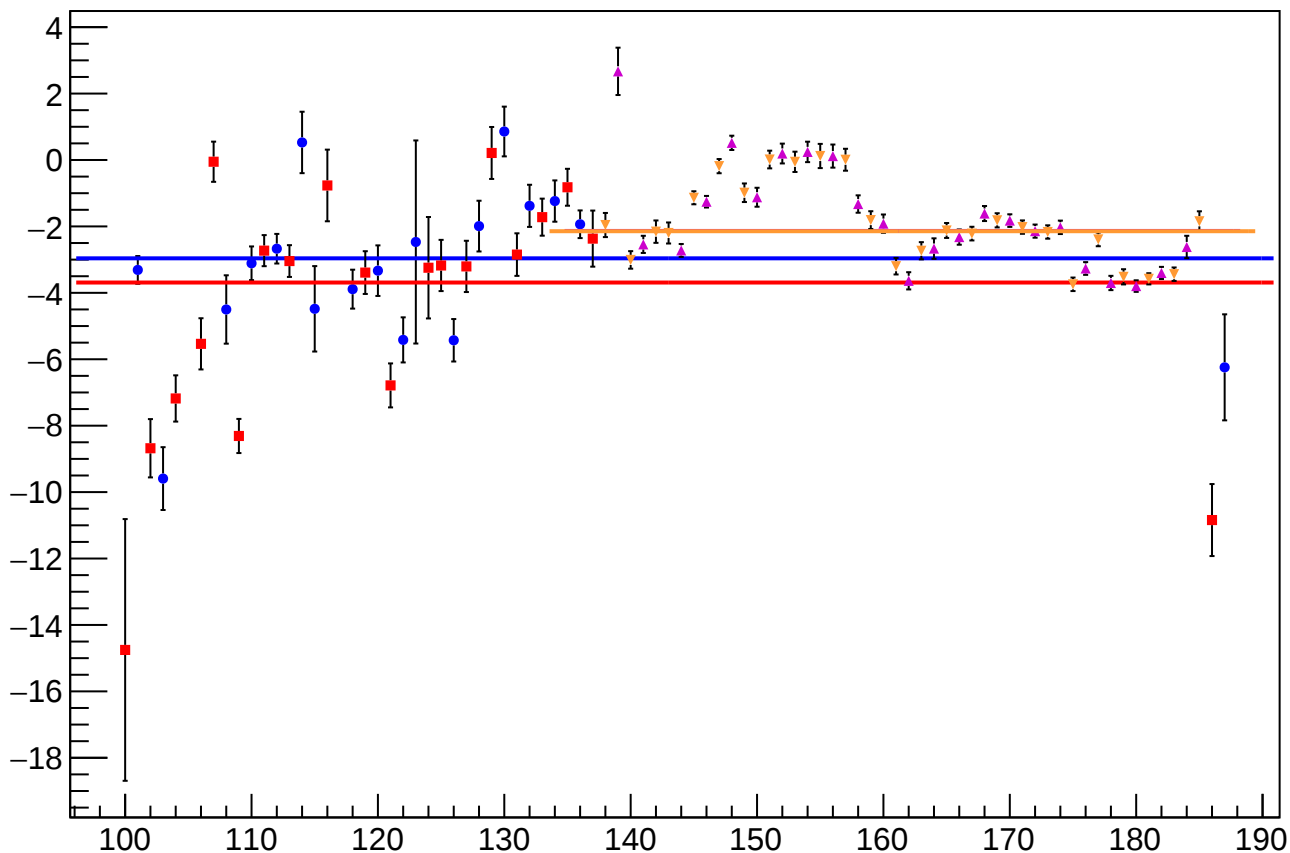
Left In: 2.433 ± 0.059 χ^2/NDF : 882.9/22

+ sign 2.557 ± 0.058 χ^2/NDF : 897.9/25

All: 2.540 ± 0.041 χ^2/NDF : 2273.3/49

- sign 2.522 ± 0.059 χ^2/NDF : 1375.2/23

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.961 $\pm$ 0.153 χ^2/NDF : 150.8/17

Left Out: -2.145 $\pm$ 0.048 χ^2/NDF : 572.6/24

Right Out: -3.690 $\pm$ 0.153 χ^2/NDF : 336.1/19

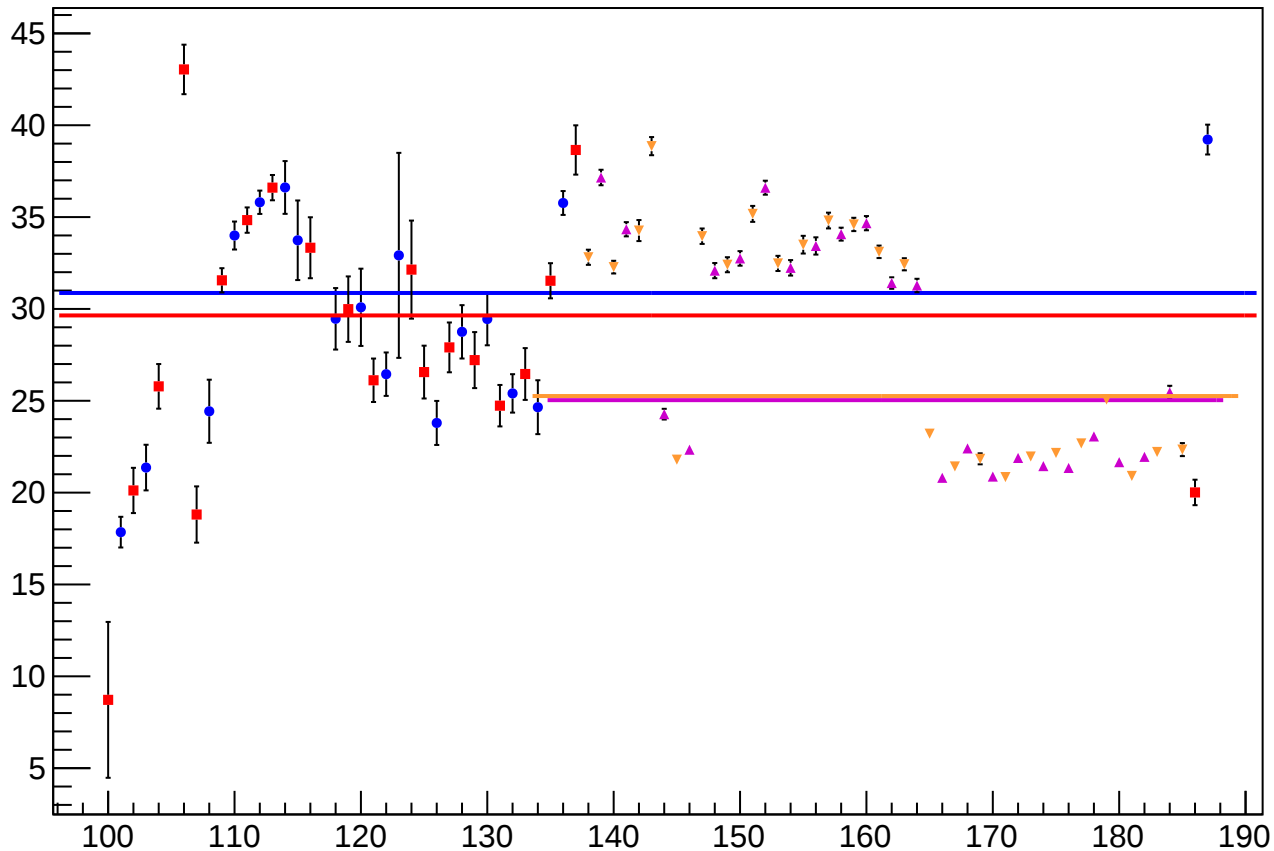
Left In: -2.137 $\pm$ 0.048 χ^2/NDF : 693.6/22

+ sign -2.217 $\pm$ 0.046 χ^2/NDF : 749.2/42

All: -2.247 $\pm$ 0.032 χ^2/NDF : 1873.4/85

- sign -2.277 $\pm$ 0.046 χ^2/NDF : 1123.2/42

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 30.869 $\pm$ 0.253 χ^2 /NDF: 671.4/17

Left Out: 25.258 $\pm$ 0.059 χ^2 /NDF: 8135.5/24

Right Out: 29.646 $\pm$ 0.243 χ^2 /NDF: 699.7/19

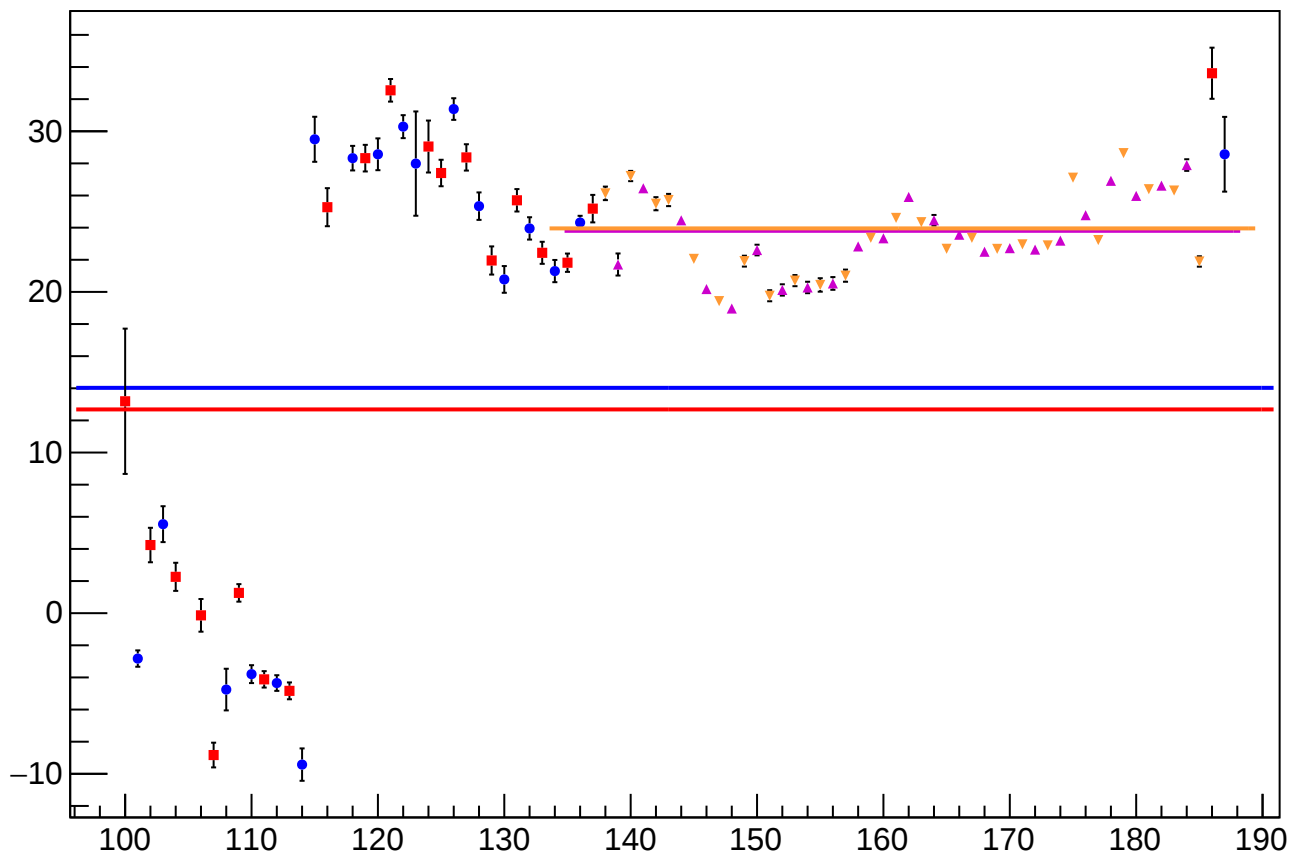
Left In: 25.034 $\pm$ 0.059 χ^2 /NDF: 7690.0/22

+ sign 25.546 $\pm$ 0.057 χ^2 /NDF: 9272.1/42

All: 25.420 $\pm$ 0.041 χ^2 /NDF: 18010.2/85

- sign 25.293 $\pm$ 0.058 χ^2 /NDF: 8728.4/42

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.028 $\pm$ 0.171 χ^2 /NDF: 7431.1/17

Left Out: 23.953 $\pm$ 0.053 χ^2 /NDF:1915.9/24

Right Out: 12.684 $\pm$ 0.173 χ^2 /NDF: 7137.9/19

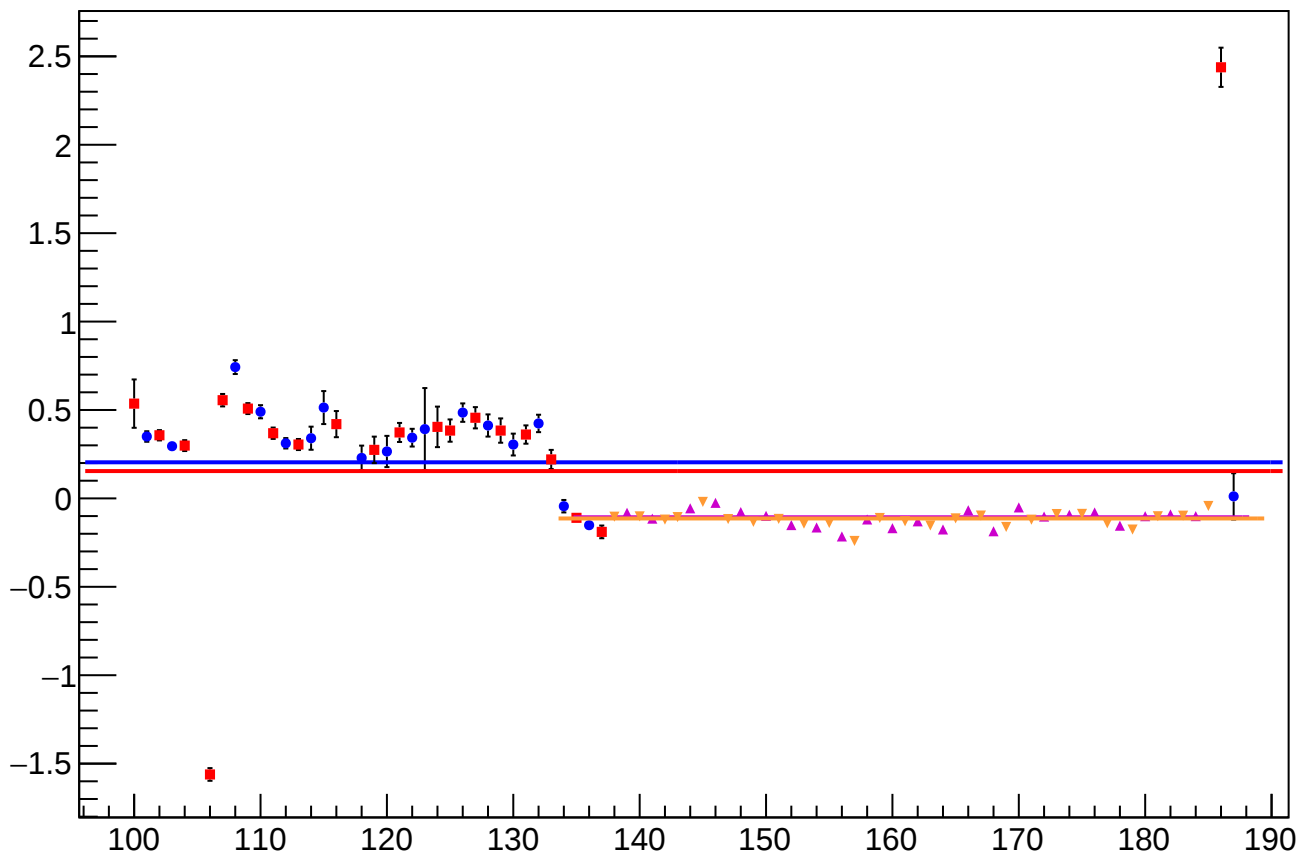
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ sign 23.082 $\pm$ 0.051 χ^2 /NDF: 12402.8/42

All: 22.951 $\pm$ 0.036 χ^2 /NDF: 25094.6/85

- sign 22.817 $\pm$ 0.051 χ^2 /NDF: 12678.4/42

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.204 ± 0.009 χ^2/NDF : 848.3/17

Left Out: -0.114 ± 0.002 χ^2/NDF : 290.8/24

Right Out: 0.155 ± 0.009 χ^2/NDF : 3443.3/19

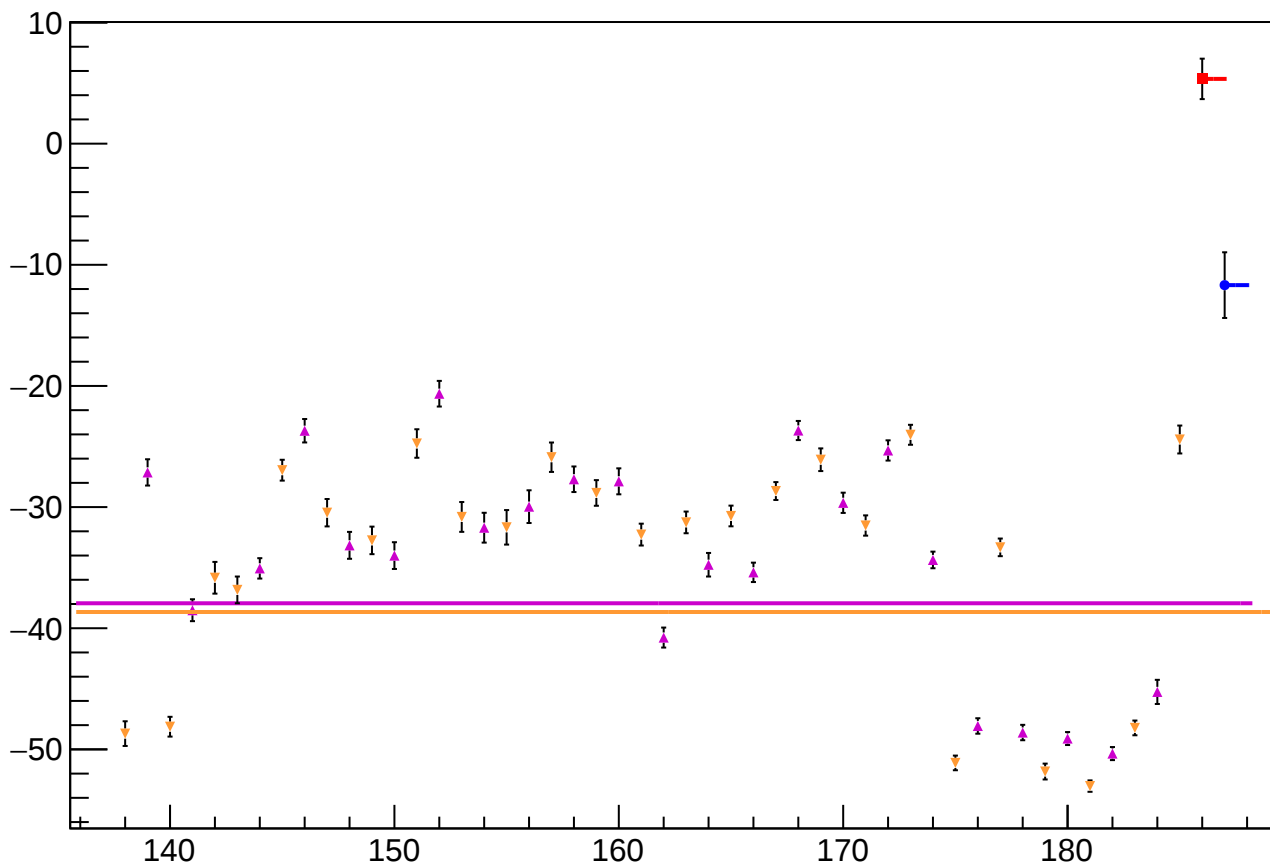
Left In: -0.107 ± 0.002 χ^2/NDF : 322.0/22

+ sign -0.093 ± 0.002 χ^2/NDF : 2223.7/42

All: -0.091 ± 0.002 χ^2/NDF : 6748.7/85

- sign -0.089 ± 0.002 χ^2/NDF : 4523.4/42

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -11.678 ± 2.711 χ^2/NDF : 0.0/0

Left Out: -38.660 ± 0.169 χ^2/NDF : 4073.8/24

Right Out: 5.346 ± 1.669 χ^2/NDF : 0.0/0

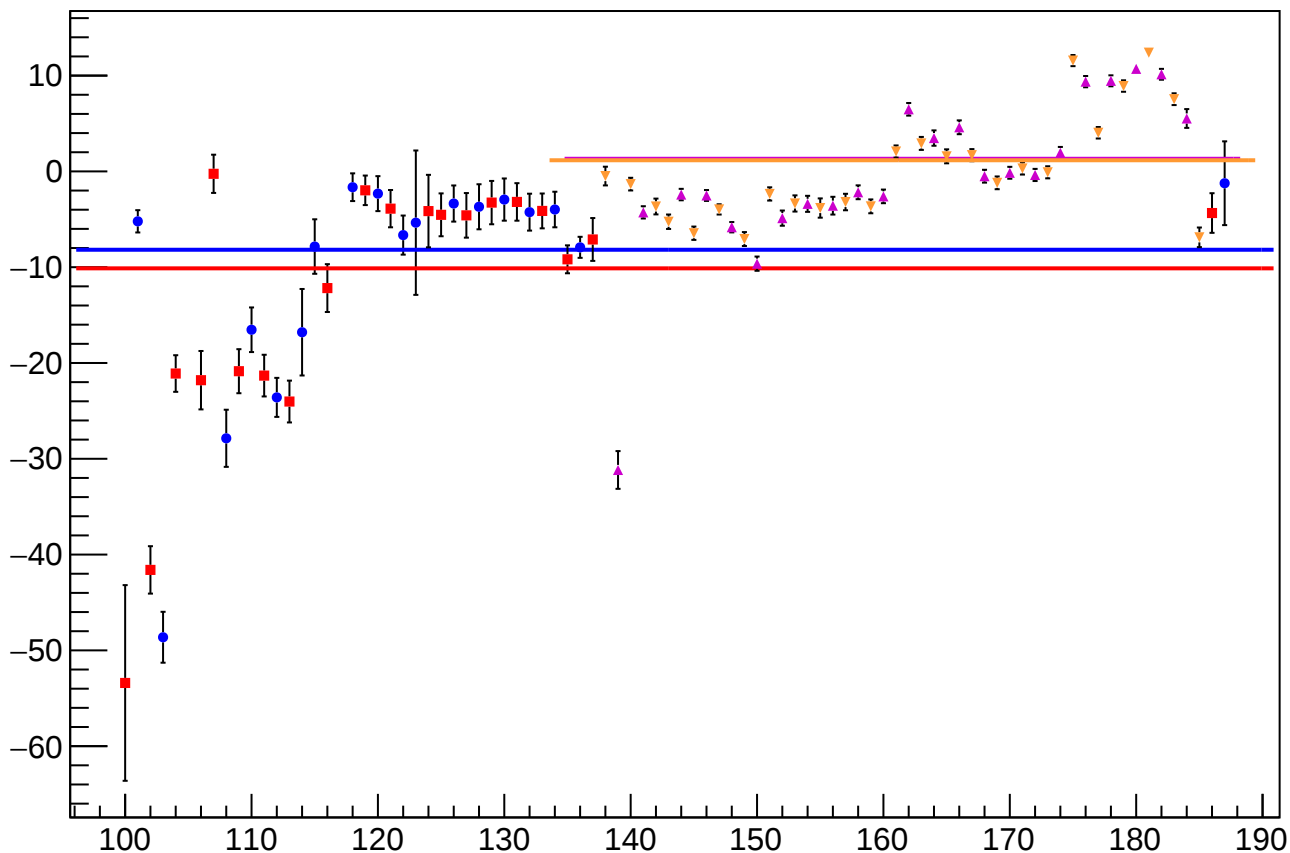
Left In: -37.939 ± 0.173 χ^2/NDF : 3133.2/22

+ sign -38.555 ± 0.169 χ^2/NDF : 4172.5/25

All: -38.027 ± 0.120 χ^2/NDF : 7991.0/49

- sign -37.482 ± 0.172 χ^2/NDF : 3798.7/23

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.179 ± 0.460 χ^2/NDF : 414.7/17

Left Out: 1.163 ± 0.136 χ^2/NDF : 1786.1/24

Right Out: -10.121 ± 0.478 χ^2/NDF : 436.7/19

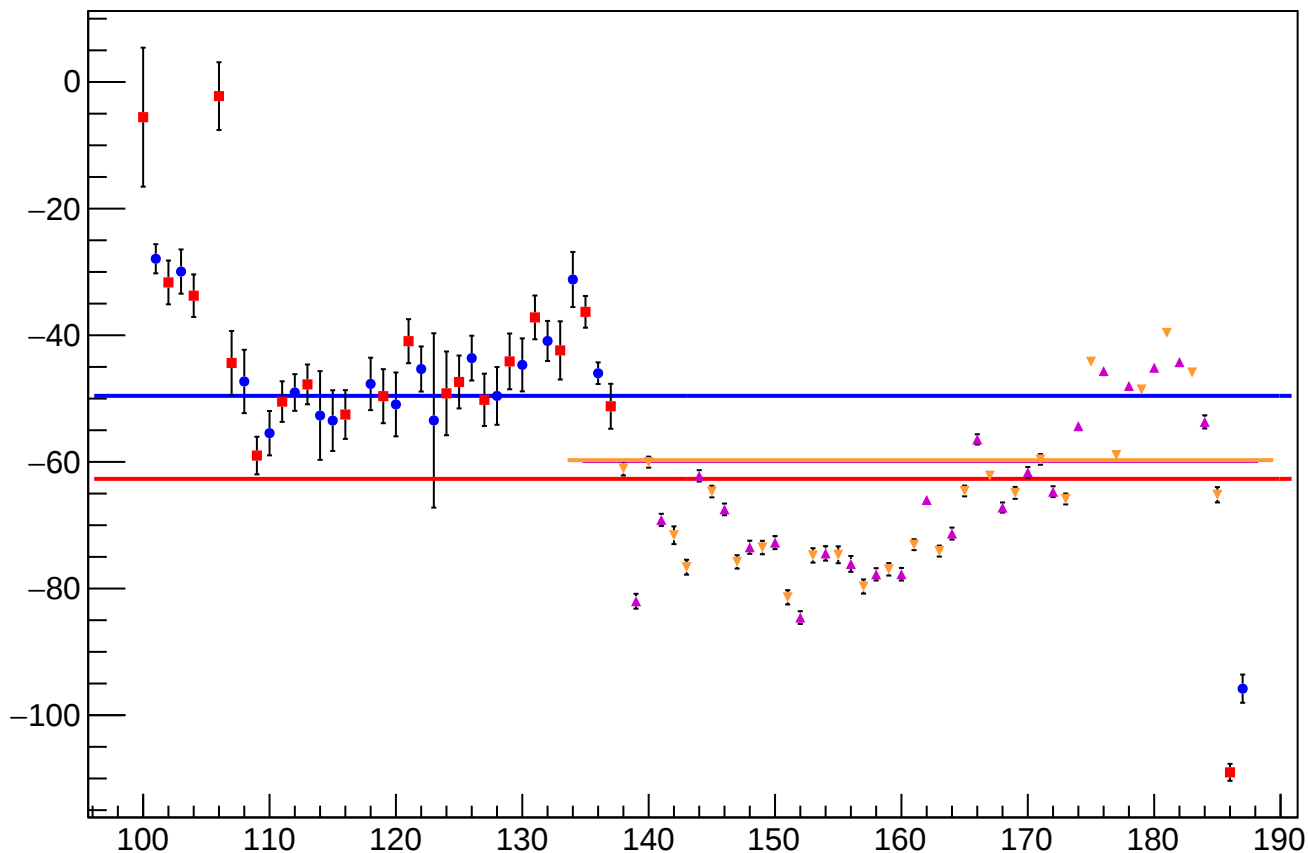
Left In: 1.319 ± 0.139 χ^2/NDF : 2080.7/22

+ sign 0.407 ± 0.131 χ^2/NDF : 2580.6/42

All: 0.414 ± 0.094 χ^2/NDF : 5625.8/85

- sign 0.421 ± 0.134 χ^2/NDF : 3045.2/42

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -49.569 ± 0.781 χ^2/NDF : 590.7/17

Left Out: -59.724 ± 0.170 χ^2/NDF : 5789.8/24

Right Out: -62.678 ± 0.727 χ^2/NDF : 1855.0/19

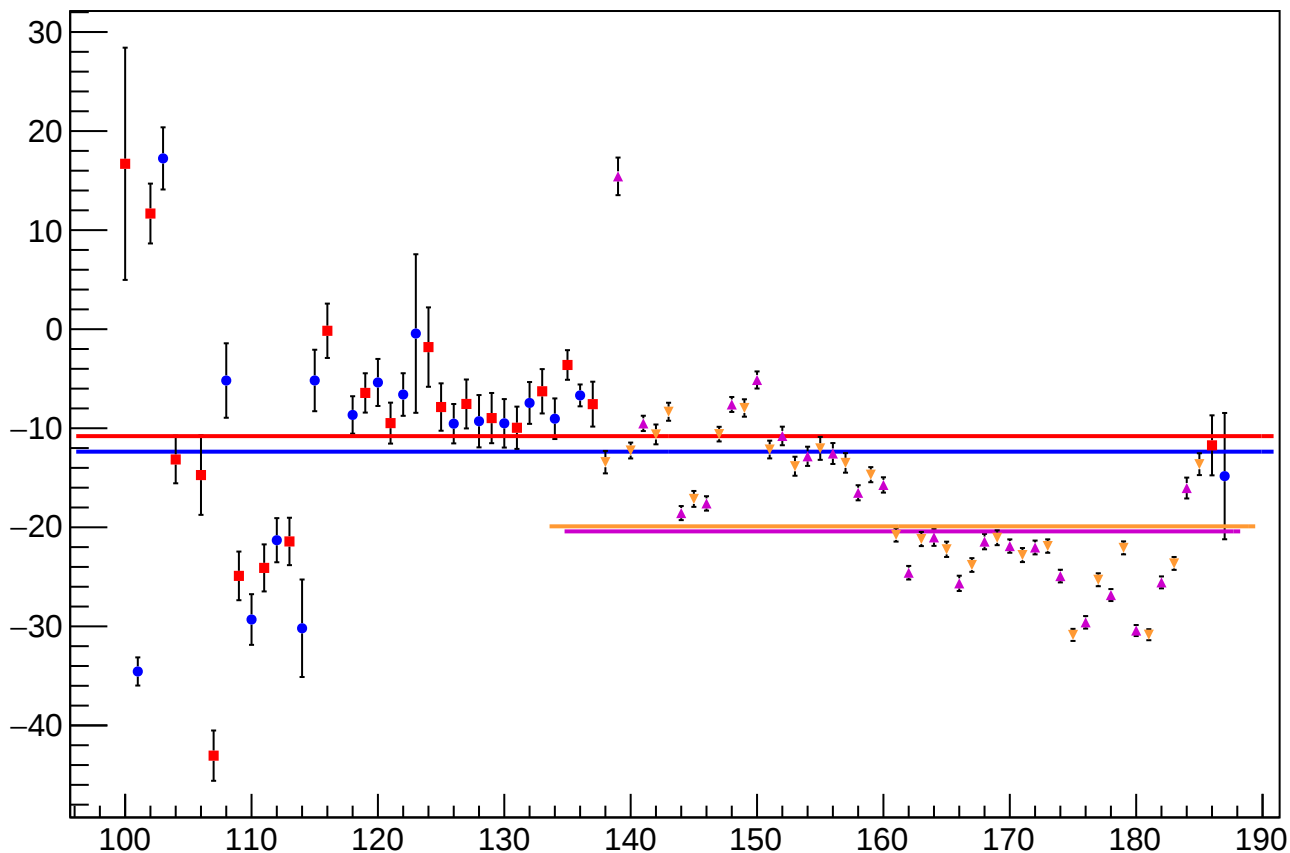
Left In: -59.864 ± 0.173 χ^2/NDF : 5275.1/22

+ sign -59.263 ± 0.166 χ^2/NDF : 6541.8/42

All: -59.635 ± 0.118 χ^2/NDF : 13696.1/85

- sign -60.014 ± 0.168 χ^2/NDF : 7144.2/42

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.364 ± 0.518 χ^2/NDF : 476.1/17

Left Out: -19.902 ± 0.153 χ^2/NDF : 1904.7/24

Right Out: -10.796 ± 0.545 χ^2/NDF : 366.7/19

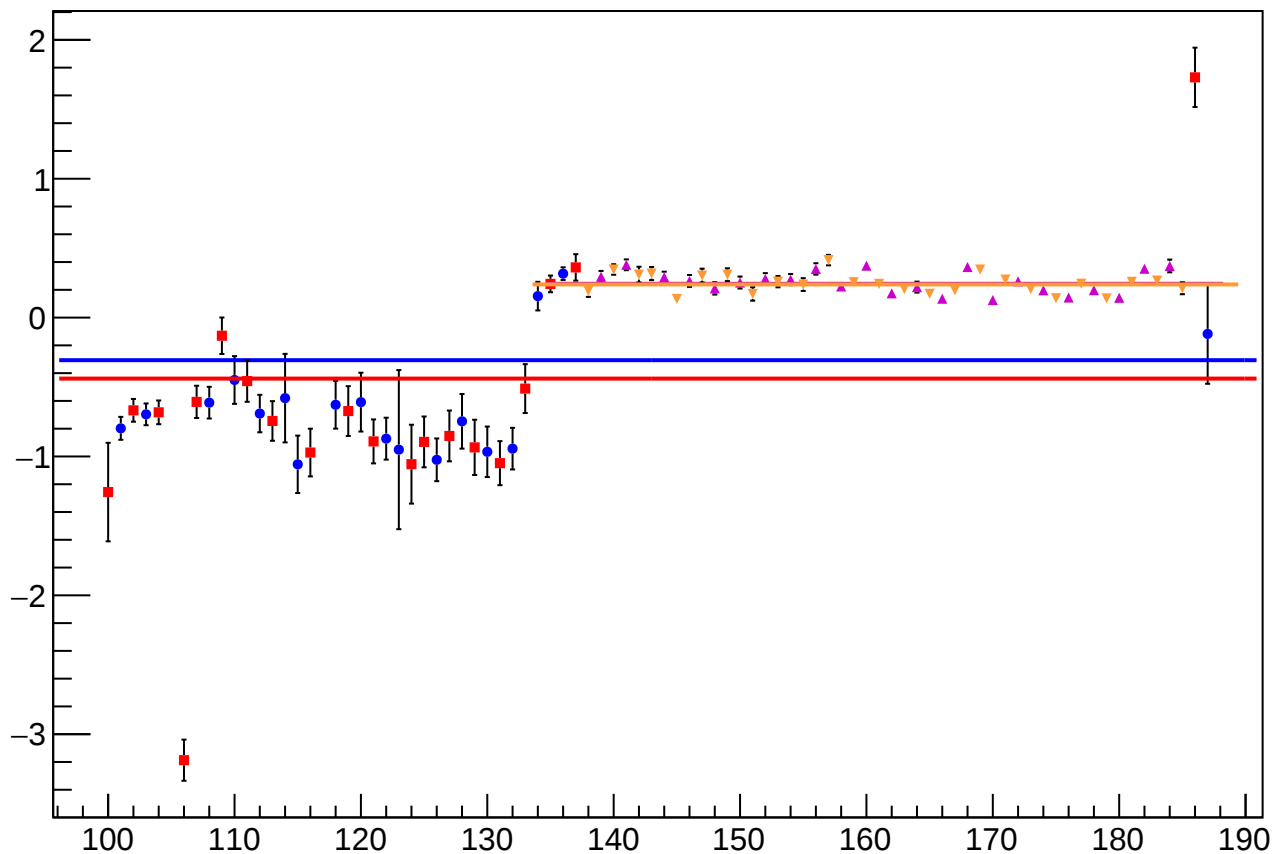
Left In: -20.412 ± 0.156 χ^2/NDF : 2345.4/22

+ sign -19.296 ± 0.147 χ^2/NDF : 2575.5/42

All: -19.485 ± 0.105 χ^2/NDF : 5579.1/85

- sign -19.681 ± 0.150 χ^2/NDF : 3000.2/42

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.307 ± 0.027 χ^2/NDF : 372.7/17

Left Out: 0.239 ± 0.007 χ^2/NDF : 93.5/24

Right Out: -0.439 ± 0.028 χ^2/NDF : 736.0/19

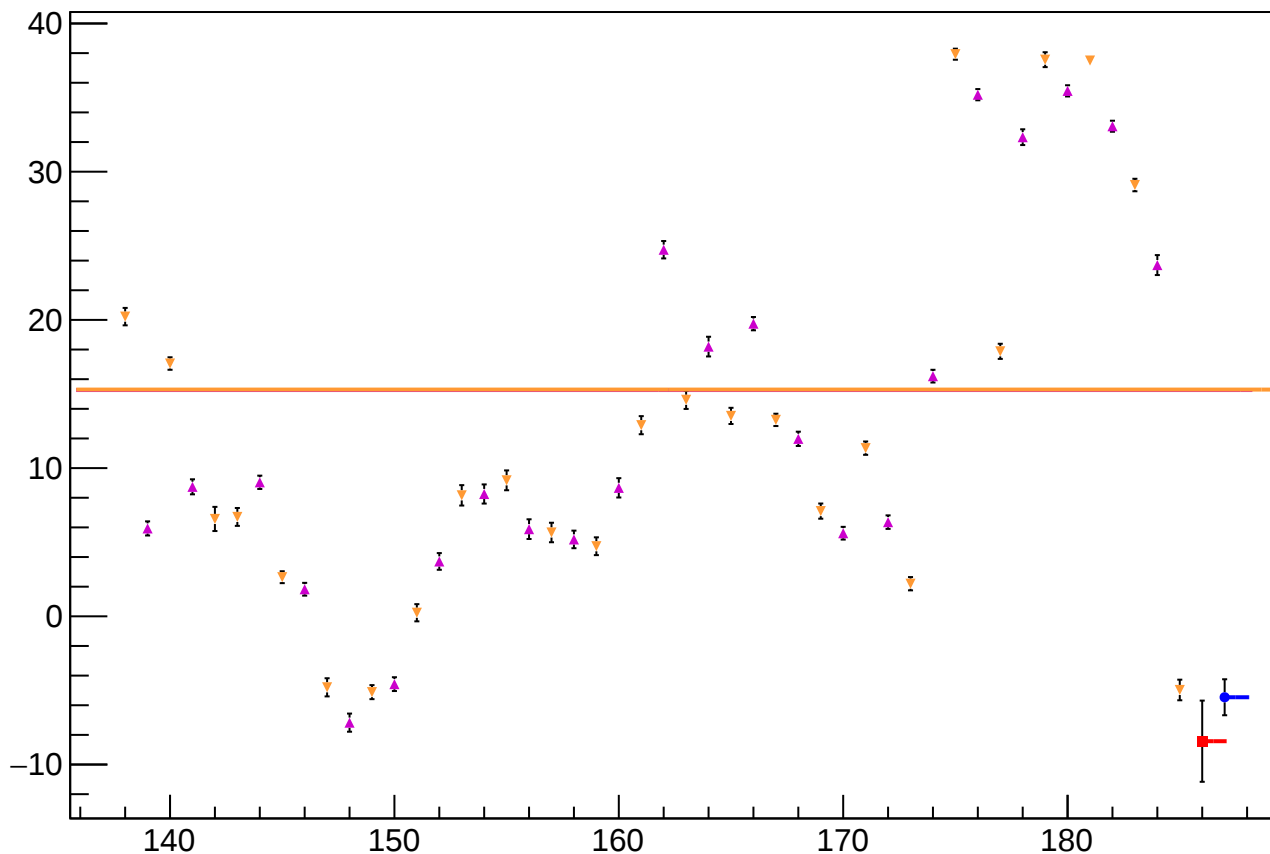
Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

+ sign 0.205 ± 0.007 χ^2/NDF : 837.3/42

All: 0.204 ± 0.005 χ^2/NDF : 2260.2/85

- sign 0.202 ± 0.007 χ^2/NDF : 1422.8/42

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: -5.461+/-1.214 χ^2/NDF : 0.0/0

Left Out: 15.298+/-0.101 χ^2/NDF :19135.0/24

Right Out: -8.426+/-2.739 χ^2/NDF : 0.0/0

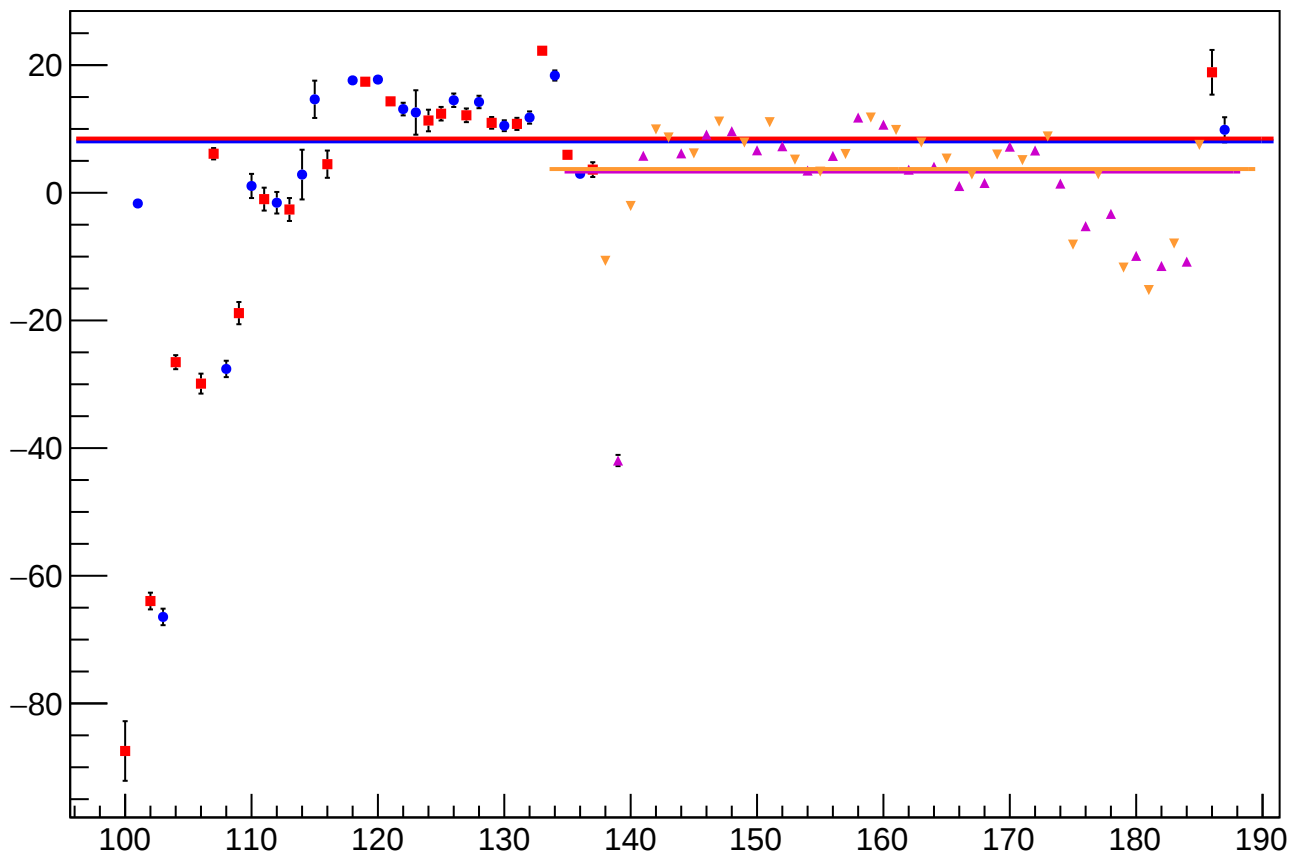
Left In: 15.268+/-0.102 χ^2/NDF :16406.3/22

+ sign 15.157+/-0.100 χ^2/NDF : 19425.6/25

All: 15.195+/-0.072 χ^2/NDF : 35906.8/49

- sign 15.235+/-0.102 χ^2/NDF : 16481.0/23

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.057 ± 0.214 $\chi^2/\text{NDF}: 5370.3/17$

Left Out: 3.717 ± 0.079 $\chi^2/\text{NDF}: 9201.0/24$

Right Out: 8.493 ± 0.213 $\chi^2/\text{NDF}: 6713.2/19$

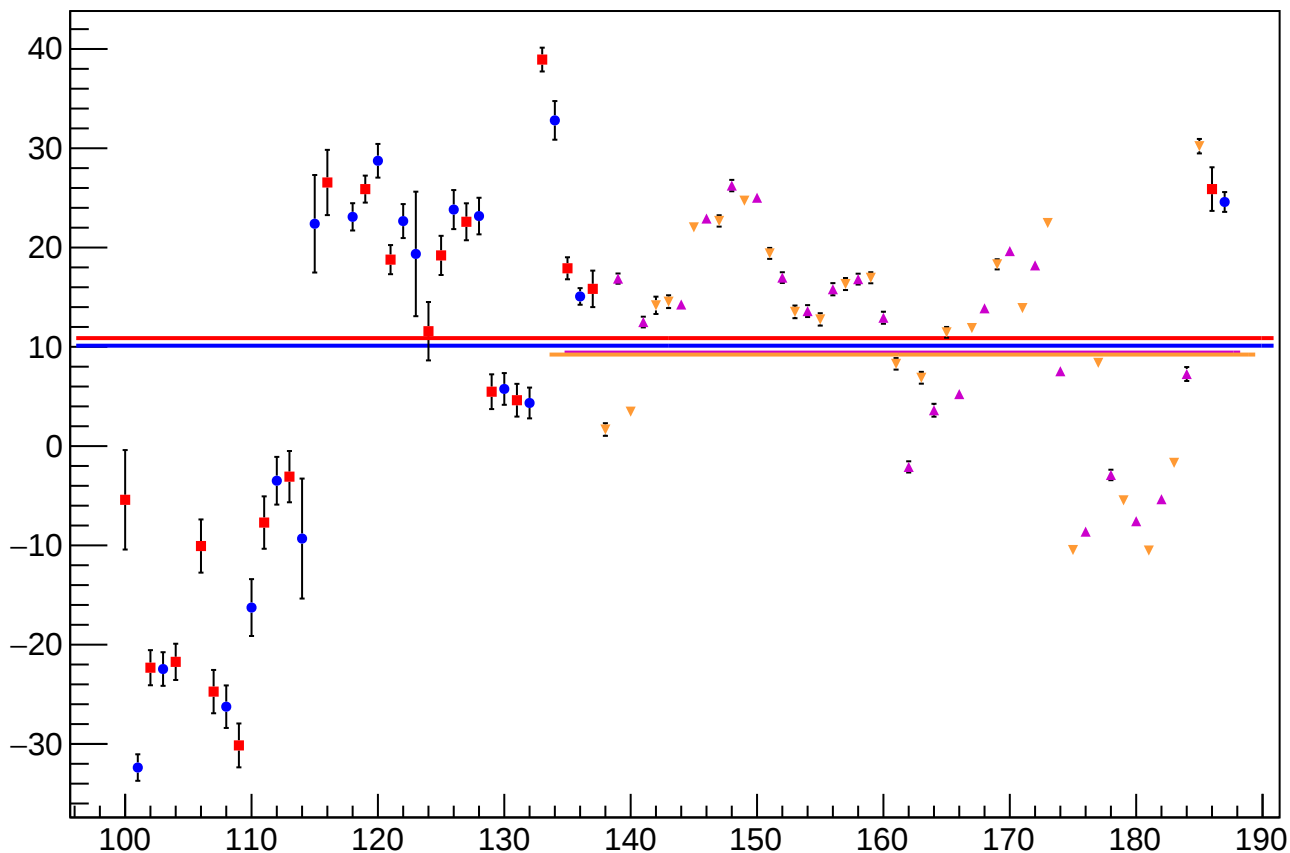
Left In: 3.327 ± 0.081 $\chi^2/\text{NDF}: 8830.5/22$

+ sign 4.238 ± 0.074 $\chi^2/\text{NDF}: 14933.7/42$

All: 4.111 ± 0.053 $\chi^2/\text{NDF}: 30997.5/85$

- sign 3.979 ± 0.076 $\chi^2/\text{NDF}: 16057.8/42$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 10.114 $\pm$ 0.384 χ^2 /NDF: 2571.6/17

Left Out: 9.220 $\pm$ 0.101 χ^2 /NDF:13617.0/24

Right Out: 10.877 $\pm$ 0.409 χ^2 /NDF: 2330.2/19

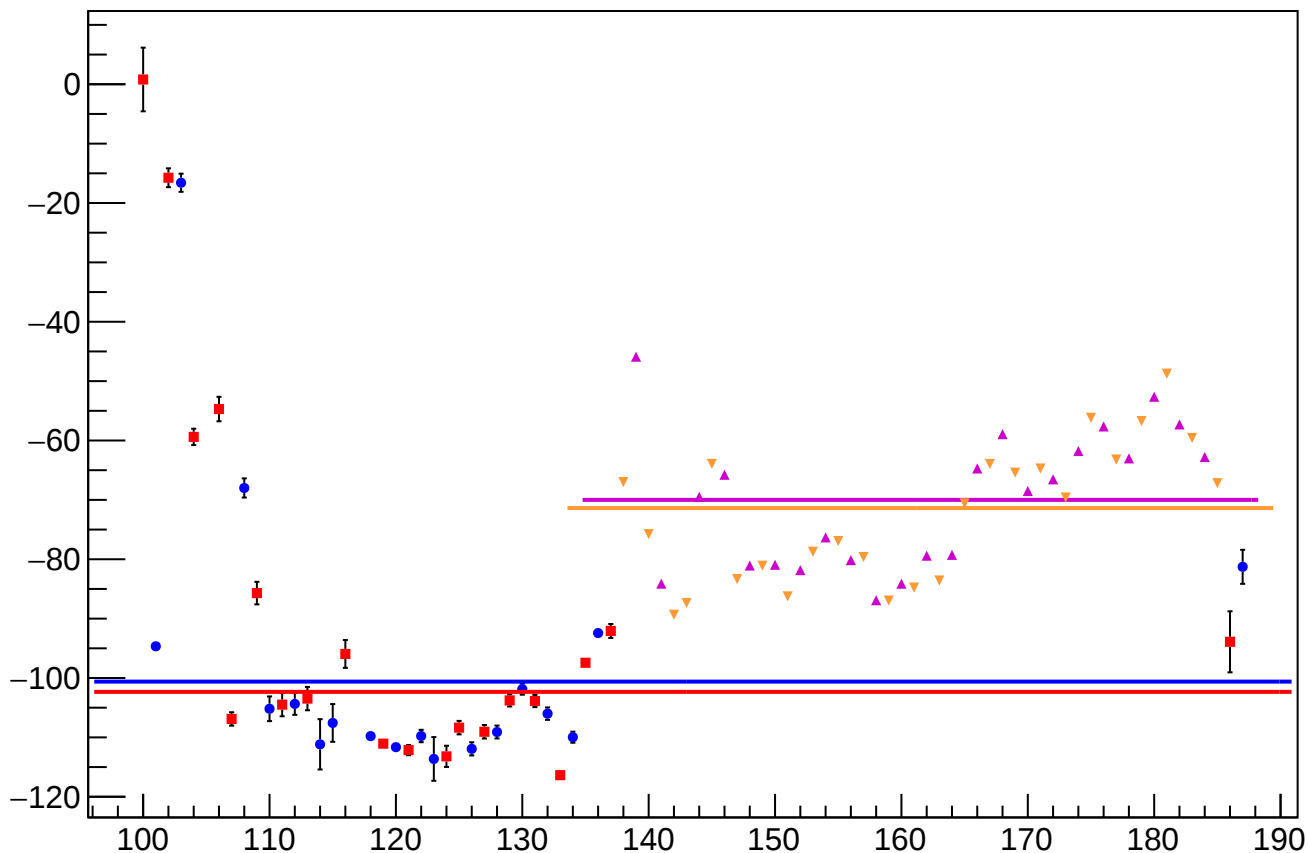
Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

+ sign 9.278 $\pm$ 0.098 χ^2 /NDF: 16193.7/42

All: 9.390 $\pm$ 0.070 χ^2 /NDF: 30616.7/85

- sign 9.505 $\pm$ 0.099 χ^2 /NDF: 14420.3/42

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.608 ± 0.247 χ^2/NDF : 4568.5/17

Left Out: -71.379 ± 0.089 χ^2/NDF : 16226.2/24

Right Out: -102.335 ± 0.246 χ^2/NDF : 6081.6/19

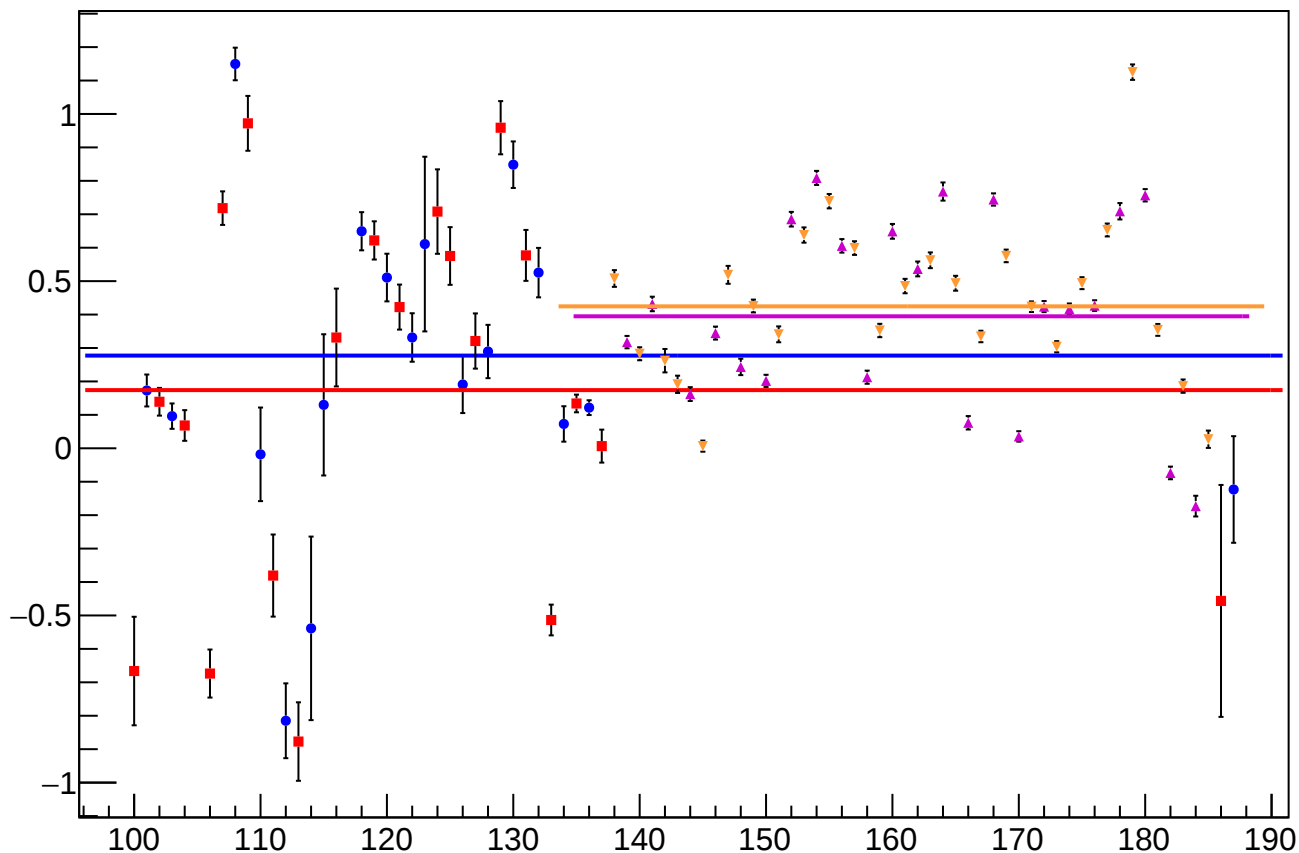
Left In: -69.999 ± 0.091 χ^2/NDF : 13188.0/22

+ sign -74.768 ± 0.084 χ^2/NDF : 33166.0/42

All: -74.353 ± 0.060 χ^2/NDF : 67673.2/85

- sign -73.923 ± 0.086 χ^2/NDF : 34457.7/42

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.277 $\pm$ 0.013 χ^2/NDF : 662.3/17

Left Out: 0.425 $\pm$ 0.004 χ^2/NDF : 2866.9/24

Right Out: 0.174 $\pm$ 0.013 χ^2/NDF : 970.0/19

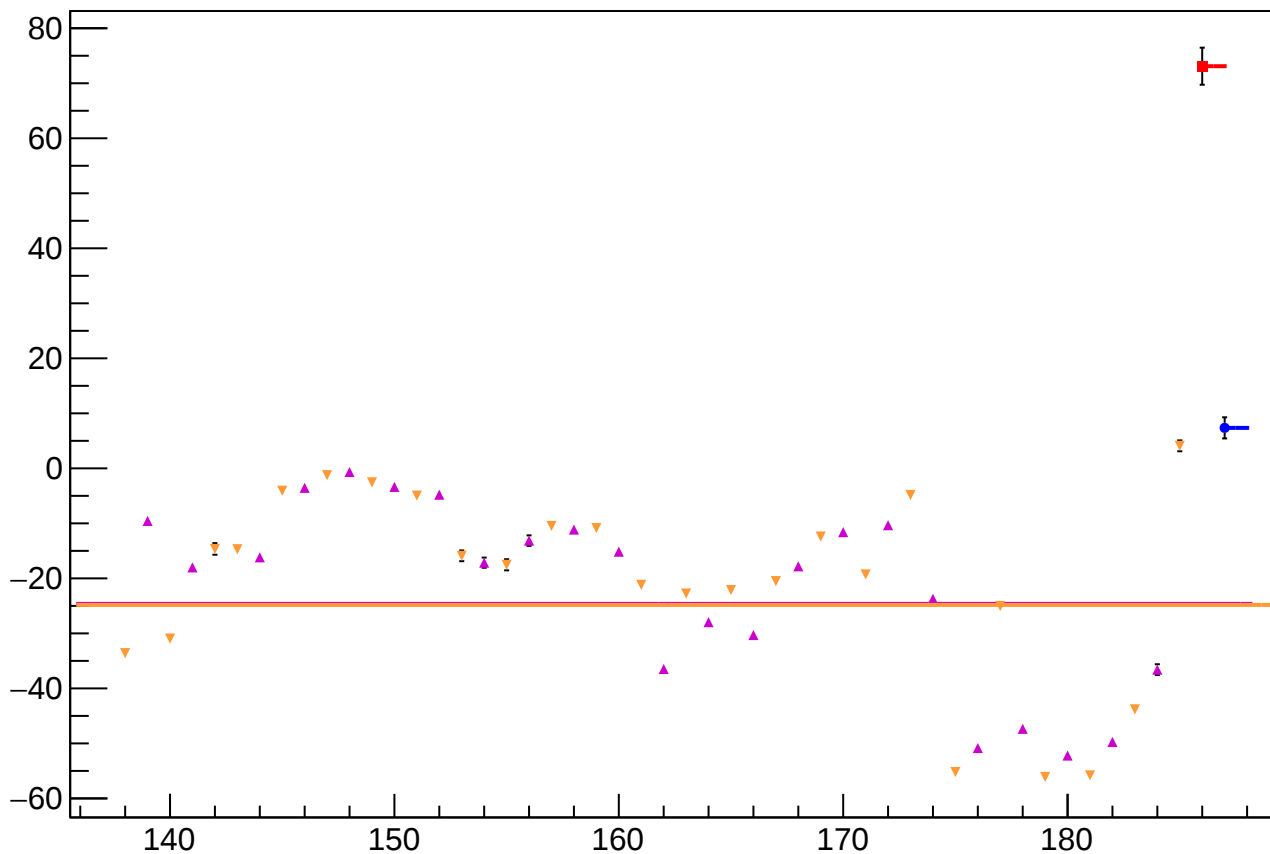
Left In: 0.395 $\pm$ 0.004 χ^2/NDF : 4063.1/22

+ sign 0.412 $\pm$ 0.004 χ^2/NDF : 3639.4/42

All: 0.394 $\pm$ 0.003 χ^2/NDF : 8961.8/85

- sign 0.376 $\pm$ 0.004 χ^2/NDF : 5279.8/42

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: 7.358+/-1.920 χ^2/NDF : 0.0/0

Left Out: -24.824+/-0.140 χ^2/NDF : 18274.6/24

Right Out: 73.101+/-3.369 χ^2/NDF : 0.0/0

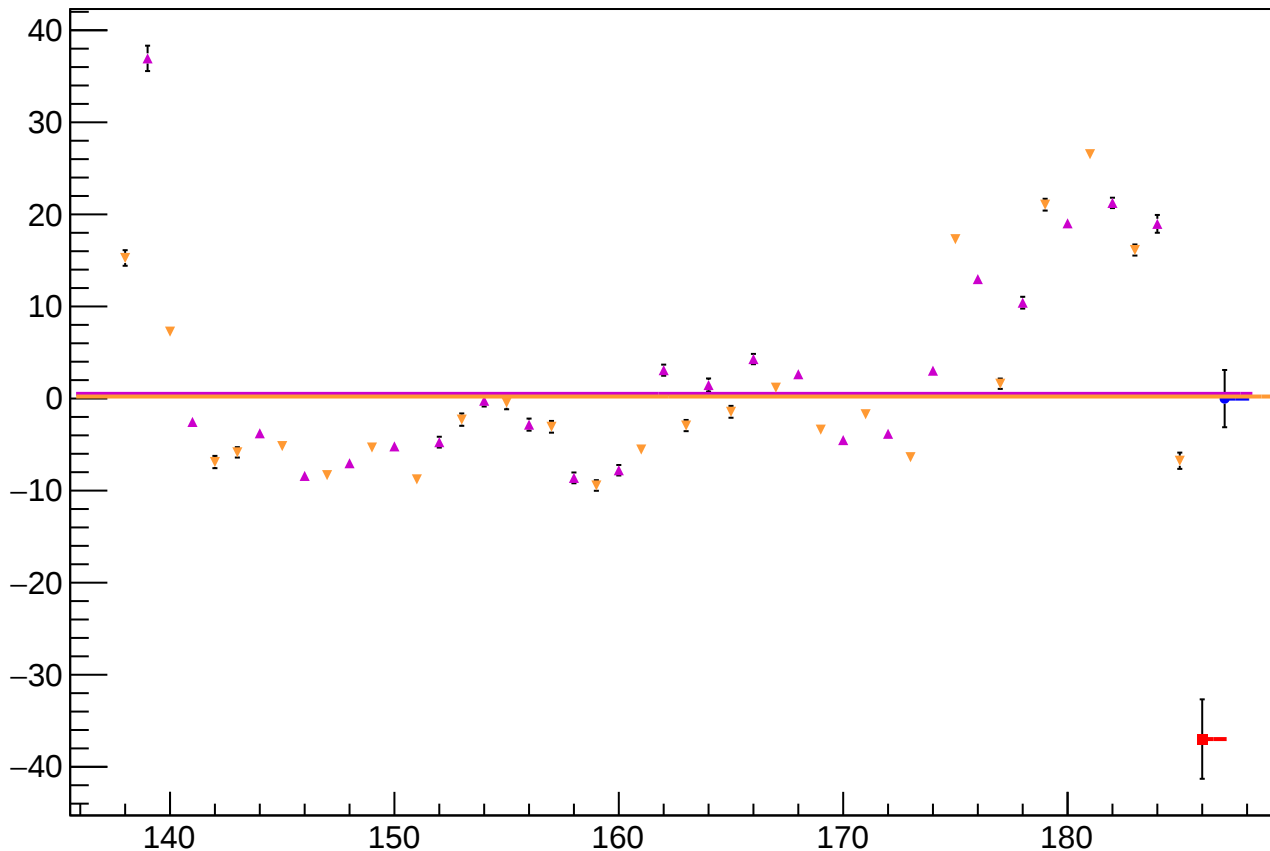
Left In: -24.635+/-0.142 χ^2/NDF : 14947.9/22

+ sign -24.654+/-0.139 χ^2/NDF : 18554.0/25

All: -24.560+/-0.099 χ^2/NDF : 34343.1/49

- sign -24.461+/-0.142 χ^2/NDF : 15788.1/23

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: -0.009 ± 3.109 χ^2/NDF : 0.0/0

Left Out: 0.218 ± 0.109 χ^2/NDF : 8252.6/24

Right Out: -36.986 ± 4.315 χ^2/NDF : 0.0/0

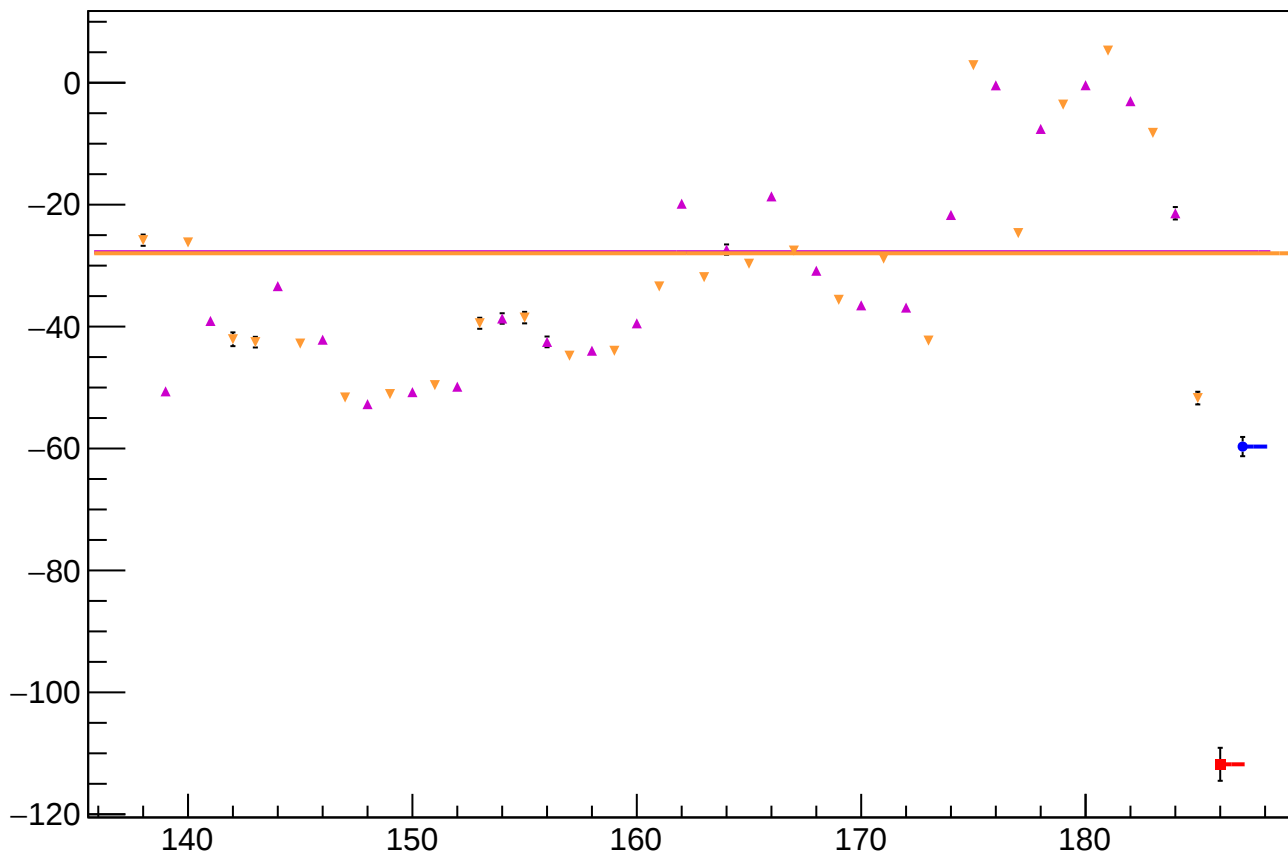
Left In: 0.507 ± 0.112 χ^2/NDF : 6626.9/22

+ sign 0.217 ± 0.109 χ^2/NDF : 8252.6/25

All: 0.346 ± 0.078 χ^2/NDF : 14957.9/49

- sign 0.482 ± 0.112 χ^2/NDF : 6702.4/23

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -59.683 ± 1.579 χ^2/NDF : 0.0/0

Left Out: -27.977 ± 0.140 χ^2/NDF : 17079.0/24

Right Out: -111.801 ± 2.706 χ^2/NDF : 0.0/0

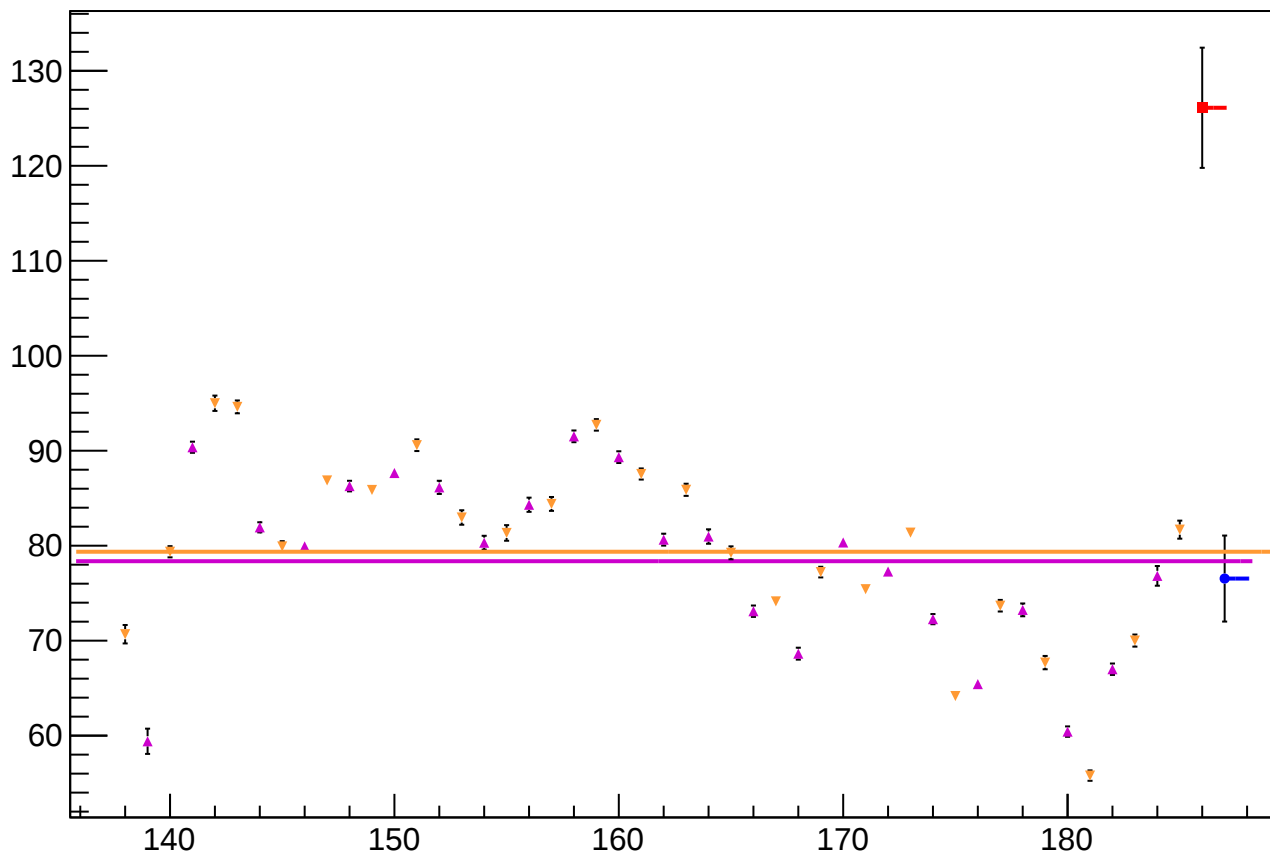
Left In: -27.796 ± 0.142 χ^2/NDF : 15193.3/22

+ sign -28.225 ± 0.140 χ^2/NDF : 17479.1/25

All: -28.127 ± 0.099 χ^2/NDF : 33634.8/49

- sign -28.026 ± 0.142 χ^2/NDF : 16154.7/23

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 76.539 ± 4.529 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 79.364 ± 0.123 $\chi^2/\text{NDF}: 5966.3/24$

Right Out: 126.108 ± 6.329 $\chi^2/\text{NDF}: 0.0/0$

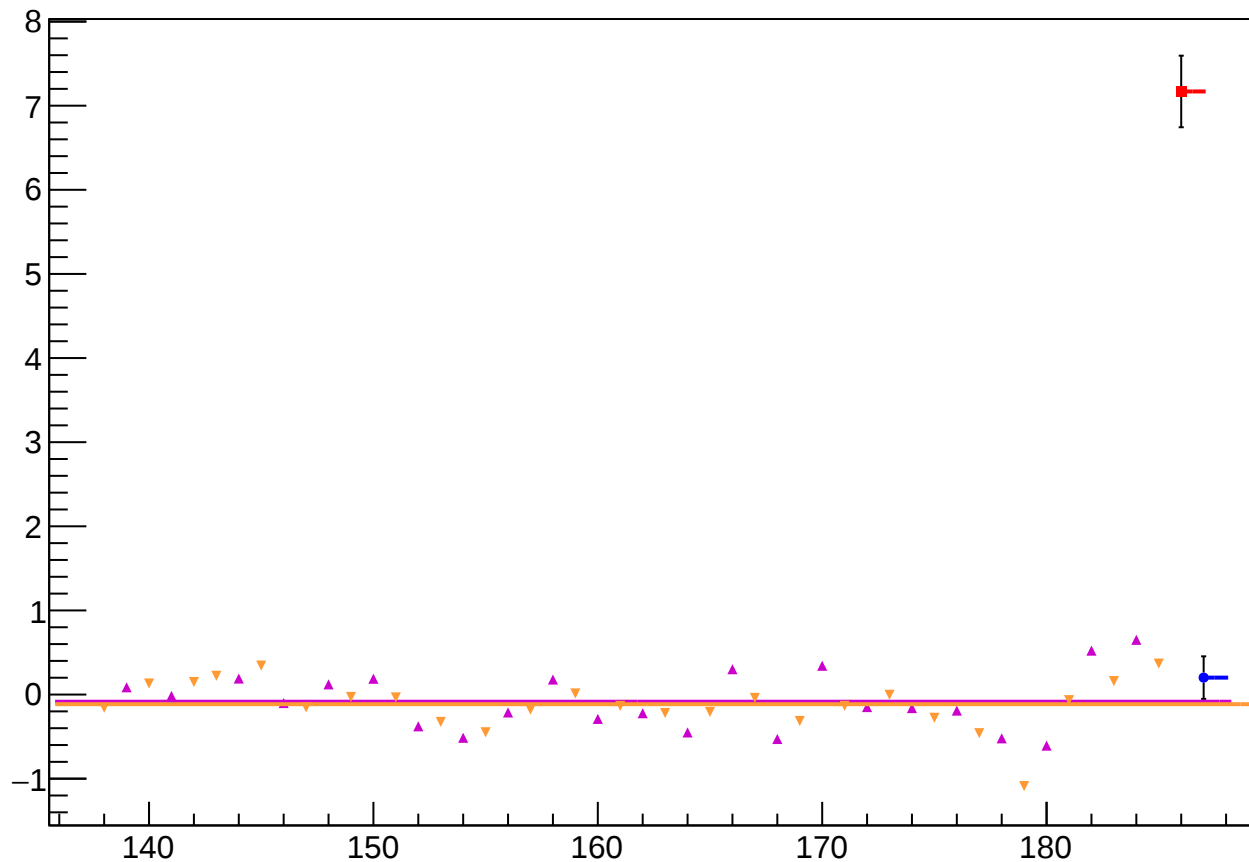
Left In: 78.367 ± 0.126 $\chi^2/\text{NDF}: 4735.5/22$

+ sign 79.362 ± 0.123 $\chi^2/\text{NDF}: 5966.7/25$

All: 78.885 ± 0.088 $\chi^2/\text{NDF}: 10789.6/49$

- sign 78.386 ± 0.126 $\chi^2/\text{NDF}: 4792.4/23$

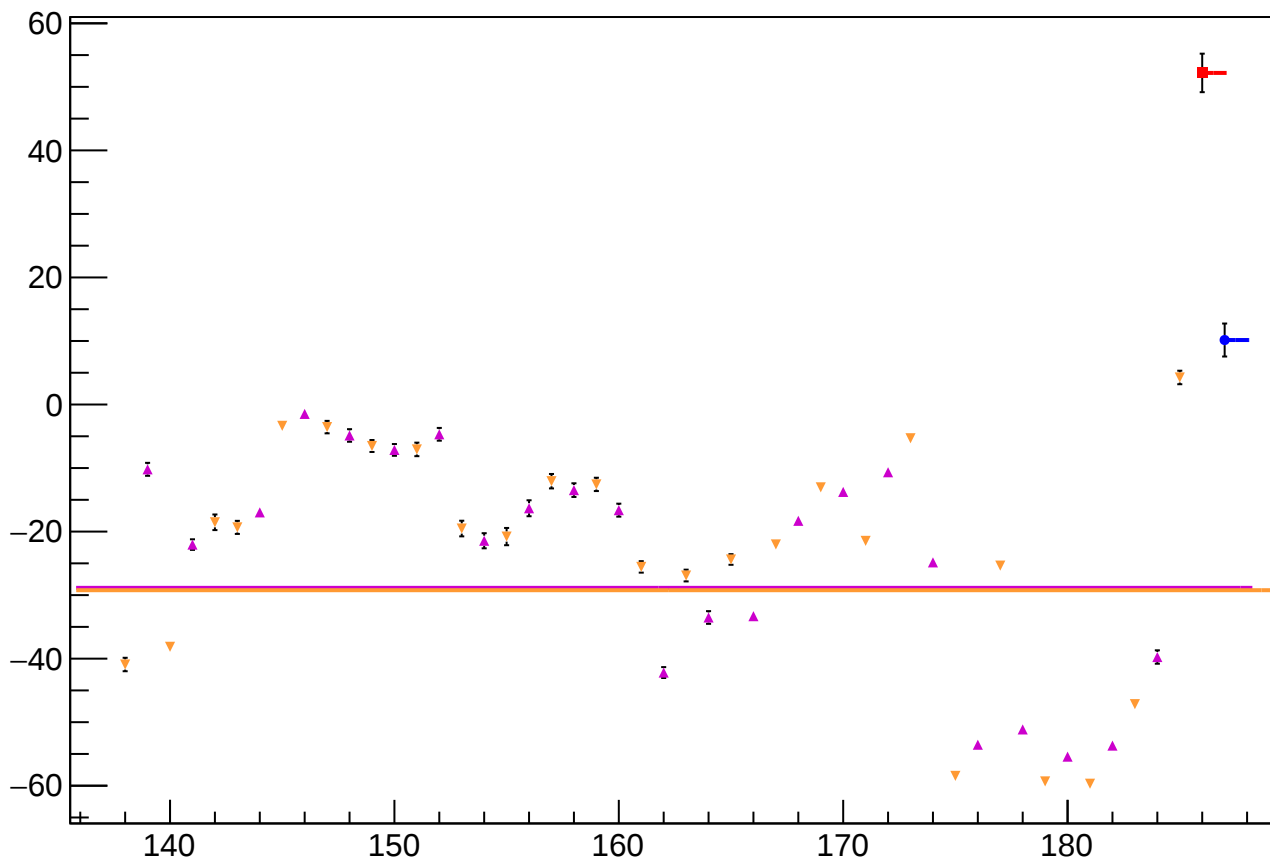
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.253 χ^2/NDF : 0.0/0
 Left Out: -0.115+/-0.006 χ^2/NDF : 2288.7/24
 Right Out: 7.169+/-0.425 χ^2/NDF : 0.0/0
 Left In: -0.085+/-0.006 χ^2/NDF : 3148.4/22

+ sign -0.115+/-0.006 χ^2/NDF : 2290.3/25
 All: -0.099+/-0.004 χ^2/NDF : 5743.9/49
 - sign -0.084+/-0.006 χ^2/NDF : 3439.2/23

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: 10.151 $\pm$ 2.596 χ^2 /NDF: 0.0/0

Left Out: -29.227 $\pm$ 0.157 χ^2 /NDF:16880.0/24

Right Out: 52.193 $\pm$ 3.030 χ^2 /NDF: 0.0/0

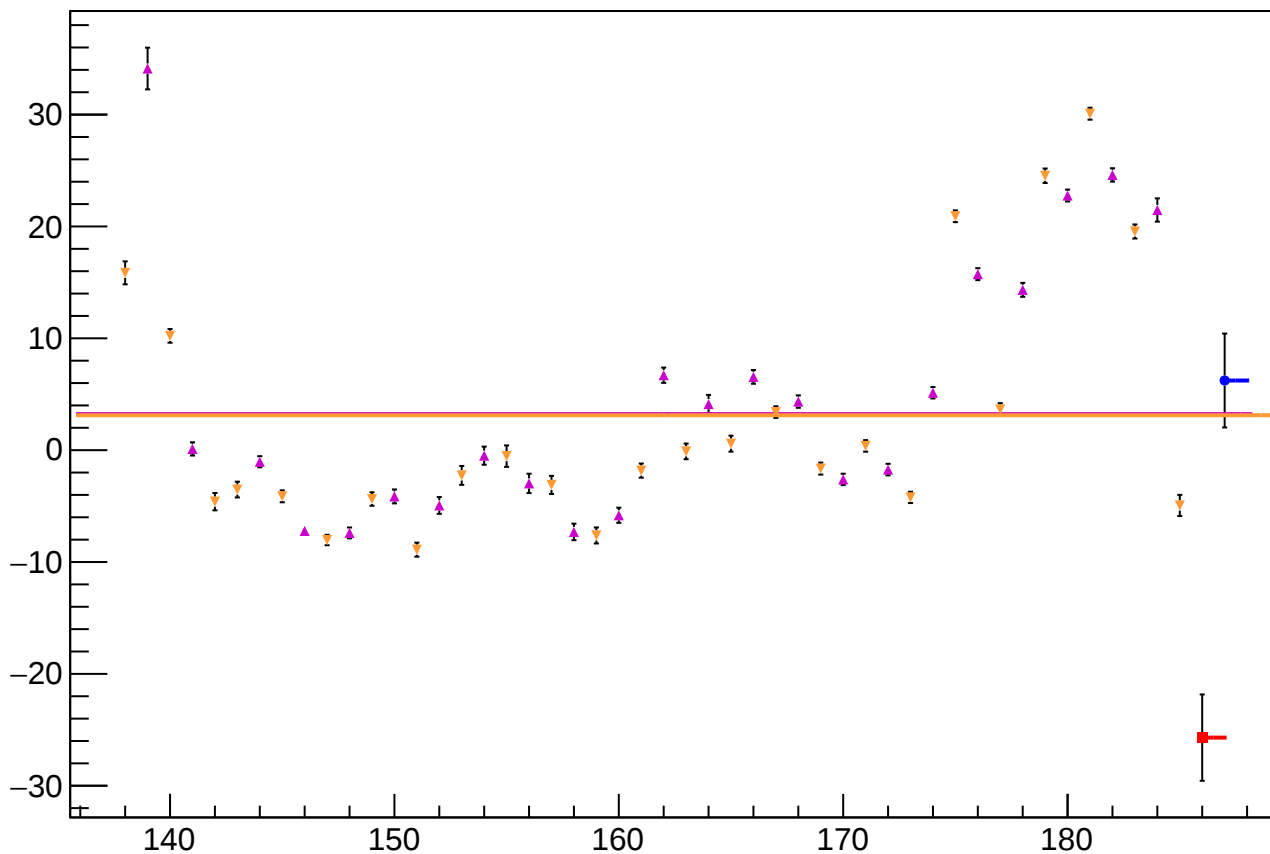
Left In: -28.857 $\pm$ 0.159 χ^2 /NDF:13553.6/22

+ sign -29.084 $\pm$ 0.157 χ^2 /NDF: 17109.2/25

All: -28.862 $\pm$ 0.112 χ^2 /NDF: 31380.3/49

- sign -28.634 $\pm$ 0.159 χ^2 /NDF: 14267.0/23

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 6.227 $\pm$ 4.197 χ^2 /NDF: 0.0/0

Left Out: 3.126 $\pm$ 0.125 χ^2 /NDF:8049.0/24

Right Out: -25.698 $\pm$ 3.861 χ^2 /NDF: 0.0/0

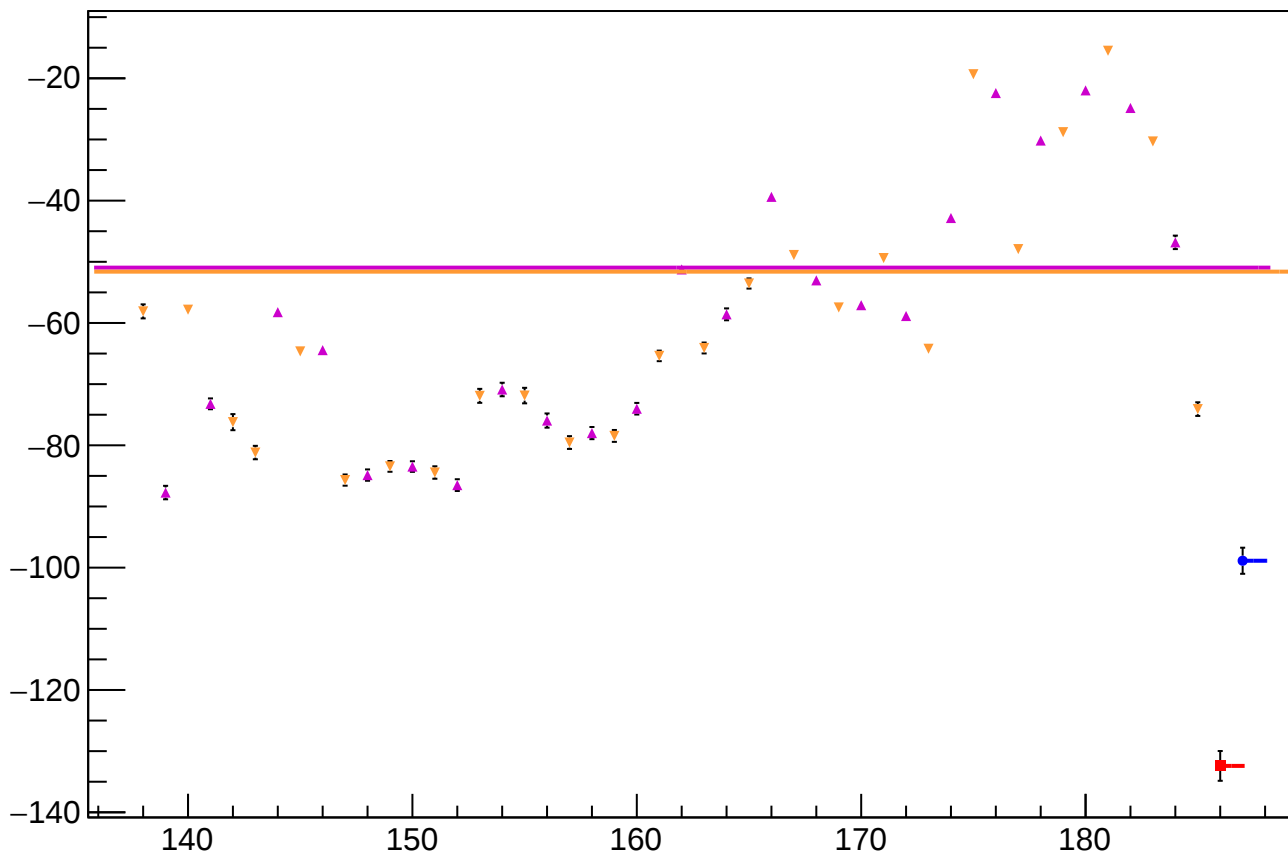
Left In: 3.224 $\pm$ 0.127 χ^2 /NDF:6274.0/22

+ sign 3.128 $\pm$ 0.125 χ^2 /NDF: 8049.6/25

All: 3.160 $\pm$ 0.089 χ^2 /NDF: 14379.8/49

- sign 3.193 $\pm$ 0.126 χ^2 /NDF: 6330.1/23

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -98.874 ± 2.134 χ^2/NDF : 0.0/0

Left Out: -51.610 ± 0.158 χ^2/NDF : 19384.9/24

Right Out: -132.413 ± 2.435 χ^2/NDF : 0.0/0

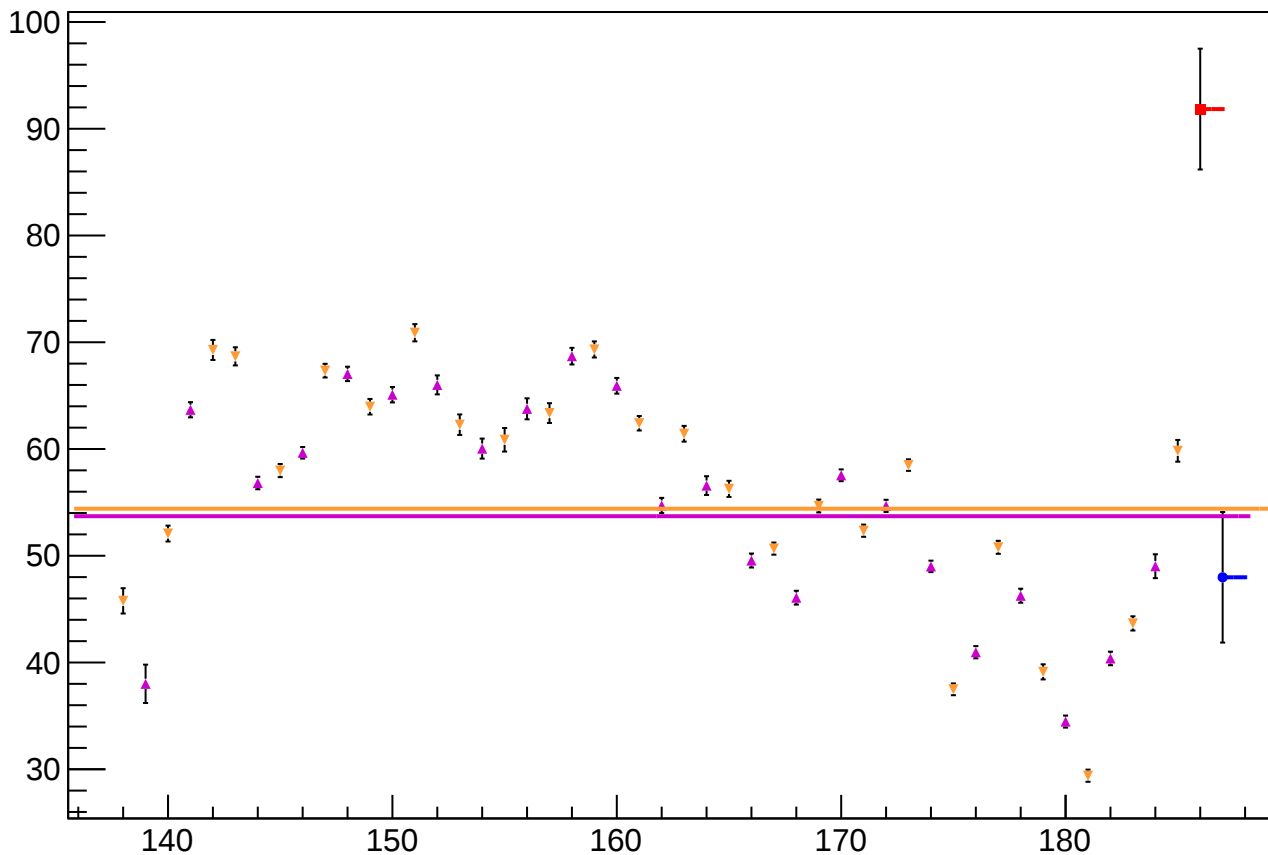
Left In: -50.954 ± 0.159 χ^2/NDF : 17472.2/22

+ sign -51.868 ± 0.158 χ^2/NDF : 19872.8/25

All: -51.588 ± 0.112 χ^2/NDF : 38465.9/49

- sign -51.302 ± 0.159 χ^2/NDF : 18586.7/23

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 47.983+/-6.117 χ^2/NDF : 0.0/0

Left Out: 54.407+/-0.141 χ^2/NDF : 6200.4/24

Right Out: 91.843+/-5.659 χ^2/NDF : 0.0/0

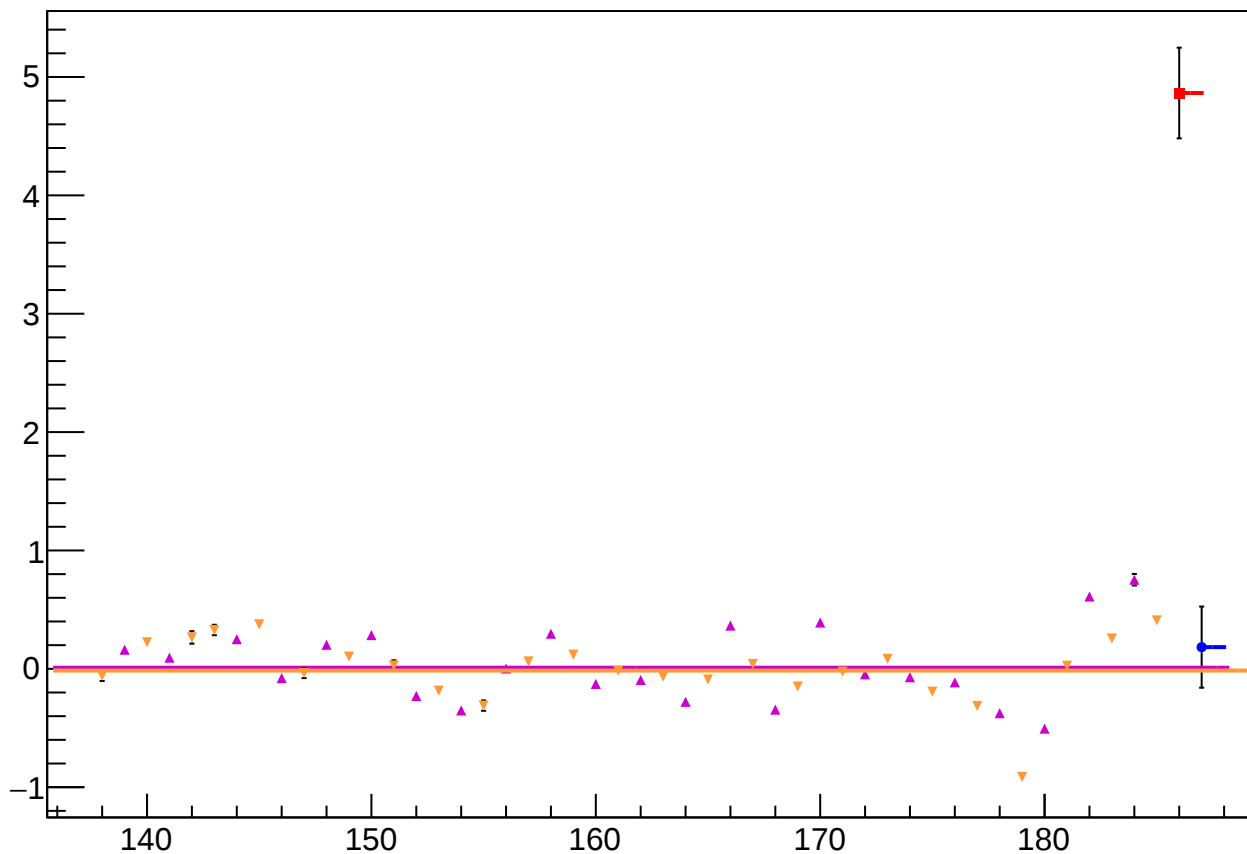
Left In: 53.704+/-0.143 χ^2/NDF : 4603.5/22

+ sign 54.403+/-0.140 χ^2/NDF : 6201.5/25

All: 54.070+/-0.100 χ^2/NDF : 10861.8/49

- sign 53.728+/-0.143 χ^2/NDF : 4648.9/23

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.183+/-0.343 χ^2/NDF : 0.0/0

Left Out: -0.015+/-0.006 χ^2/NDF : 1645.9/24

Right Out: 4.865+/-0.383 χ^2/NDF : 0.0/0

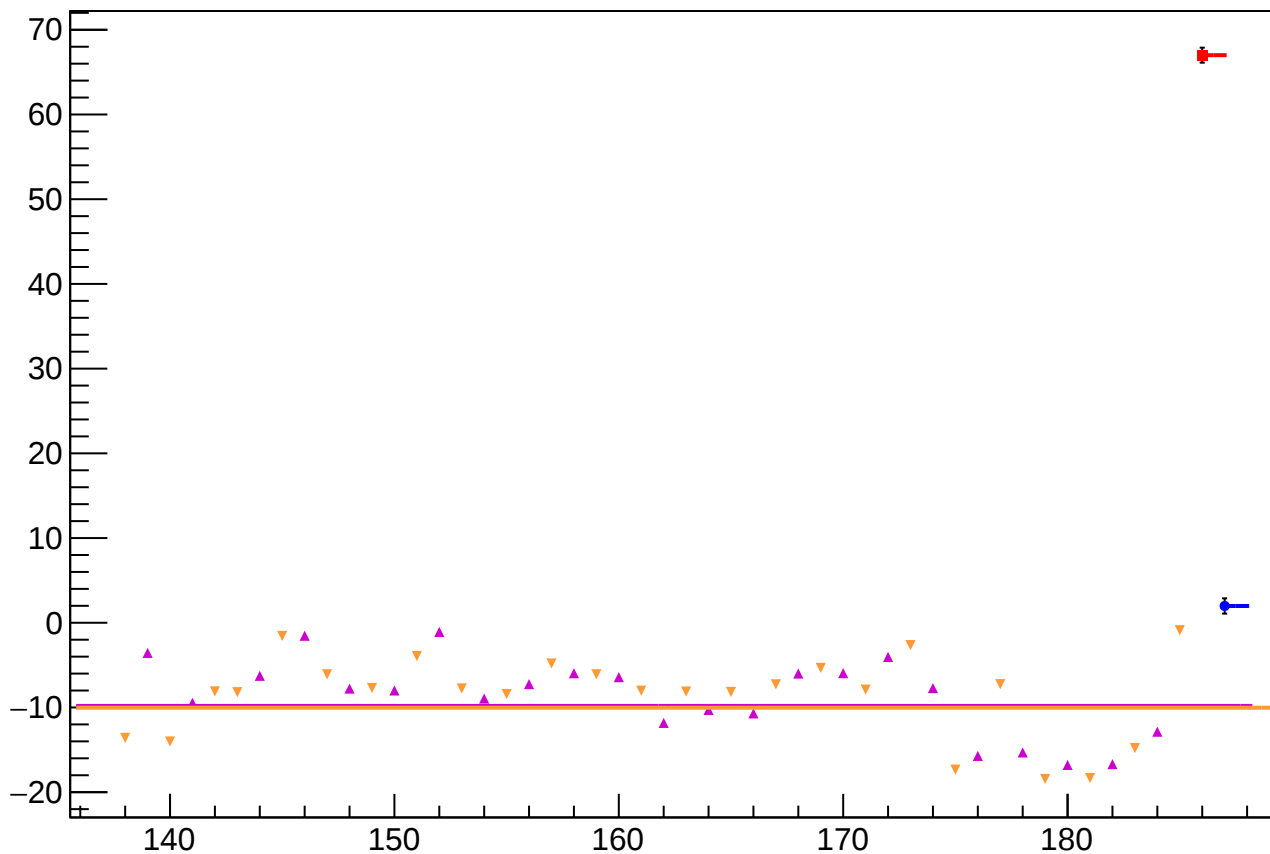
Left In: 0.009+/-0.007 χ^2/NDF : 2228.9/22

+ sign -0.015+/-0.006 χ^2/NDF : 1646.2/25

All: -0.002+/-0.005 χ^2/NDF : 4043.4/49

- sign 0.011+/-0.007 χ^2/NDF : 2389.5/23

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 1.981 ± 0.902 χ^2/NDF : 0.0/0

Left Out: -10.030 ± 0.051 χ^2/NDF : 12530.2/24

Right Out: 67.003 ± 0.885 χ^2/NDF : 0.0/0

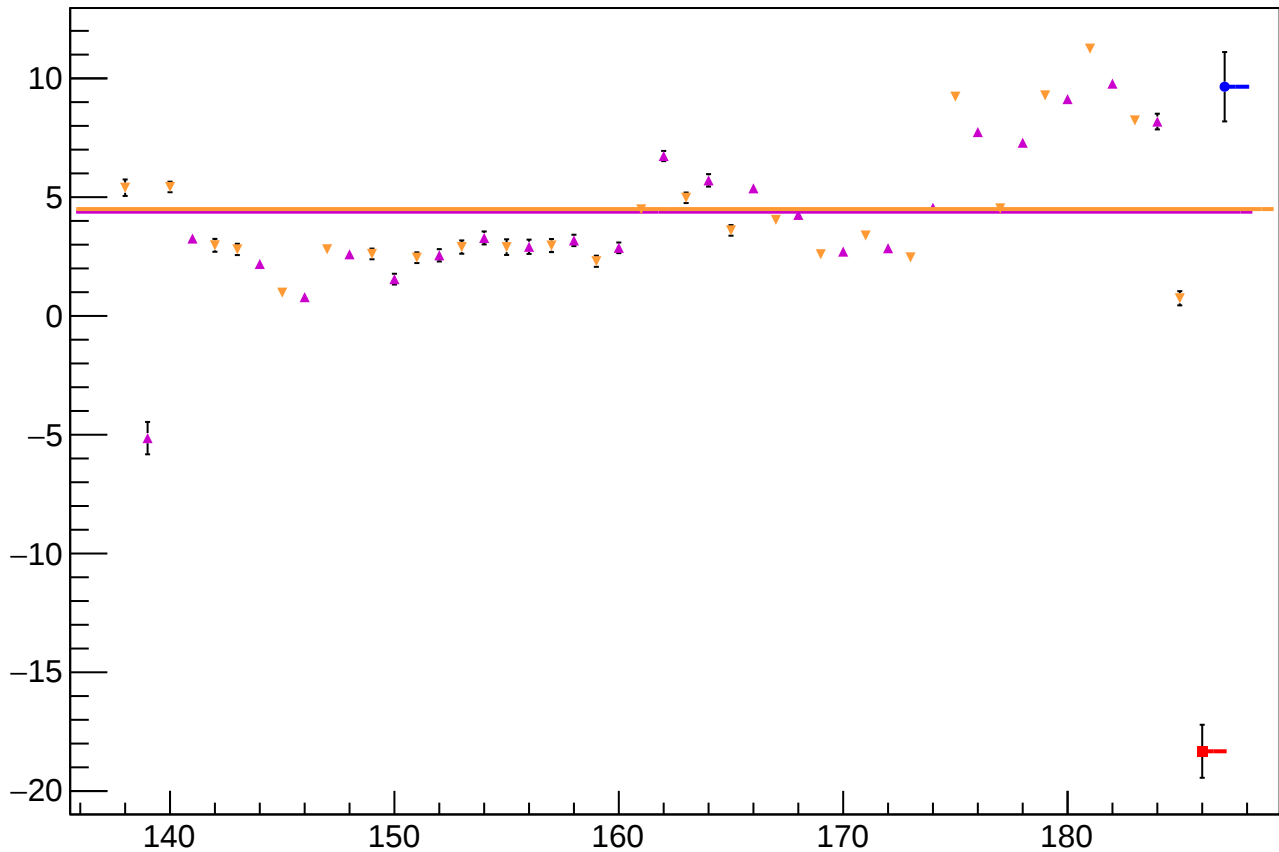
Left In: -9.820 ± 0.051 χ^2/NDF : 9468.8/22

+ sign -9.992 ± 0.051 χ^2/NDF : 12706.9/25

All: -9.780 ± 0.036 χ^2/NDF : 29723.9/49

- sign -9.564 ± 0.051 χ^2/NDF : 16981.5/23

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 9.649 $\pm$ 1.460 χ^2 /NDF: 0.0/0

Left Out: 4.499 $\pm$ 0.041 χ^2 /NDF: 4809.3/24

Right Out: -18.325 $\pm$ 1.116 χ^2 /NDF: 0.0/0

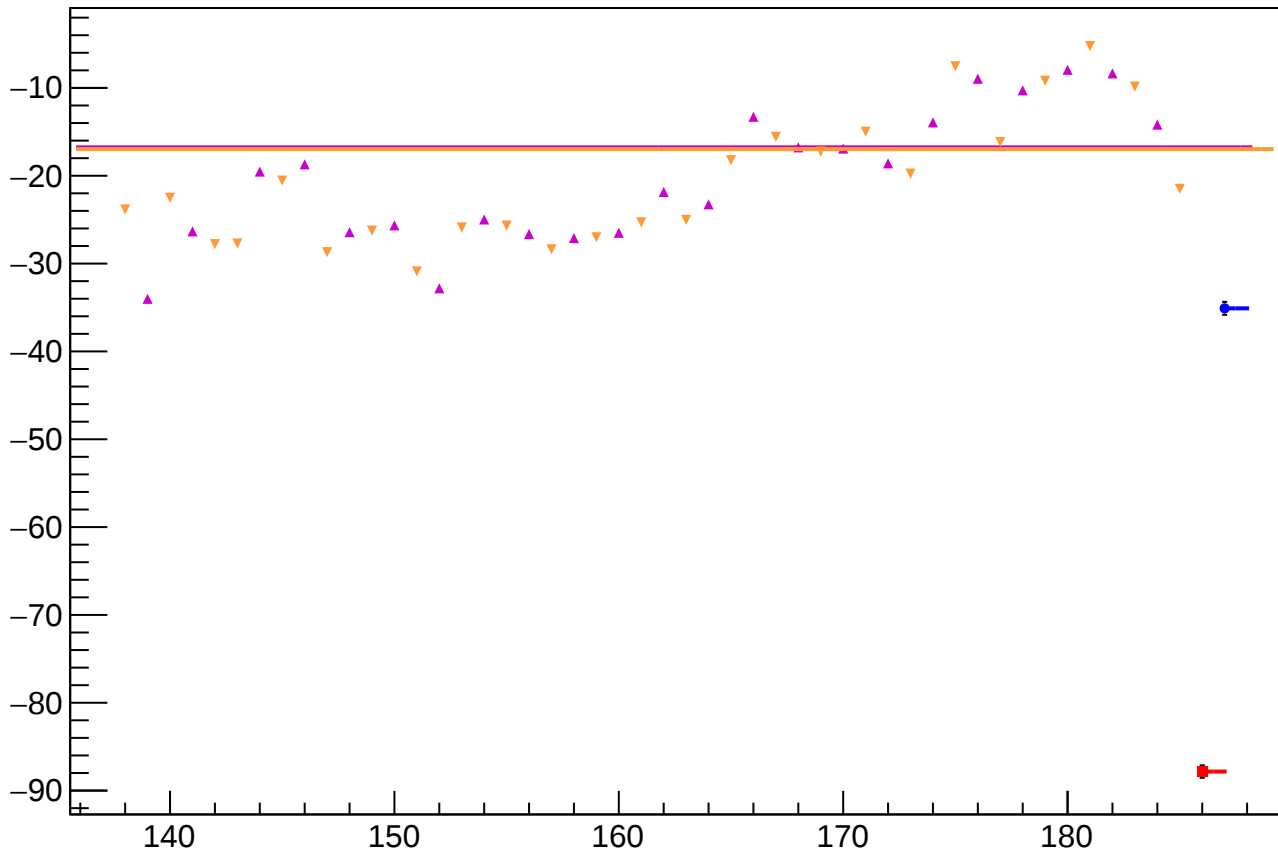
Left In: 4.388 $\pm$ 0.041 χ^2 /NDF: 4266.4/22

+ sign 4.503 $\pm$ 0.041 χ^2 /NDF: 4821.7/25

All: 4.430 $\pm$ 0.029 χ^2 /NDF: 9508.0/49

- sign 4.357 $\pm$ 0.041 χ^2 /NDF: 4680.0/23

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -35.096 $\pm$ 0.741 χ^2 /NDF: 0.0/0

Left Out: -16.965 $\pm$ 0.051 χ^2 /NDF: 21902.1/24

Right Out: -87.833 $\pm$ 0.711 χ^2 /NDF: 0.0/0

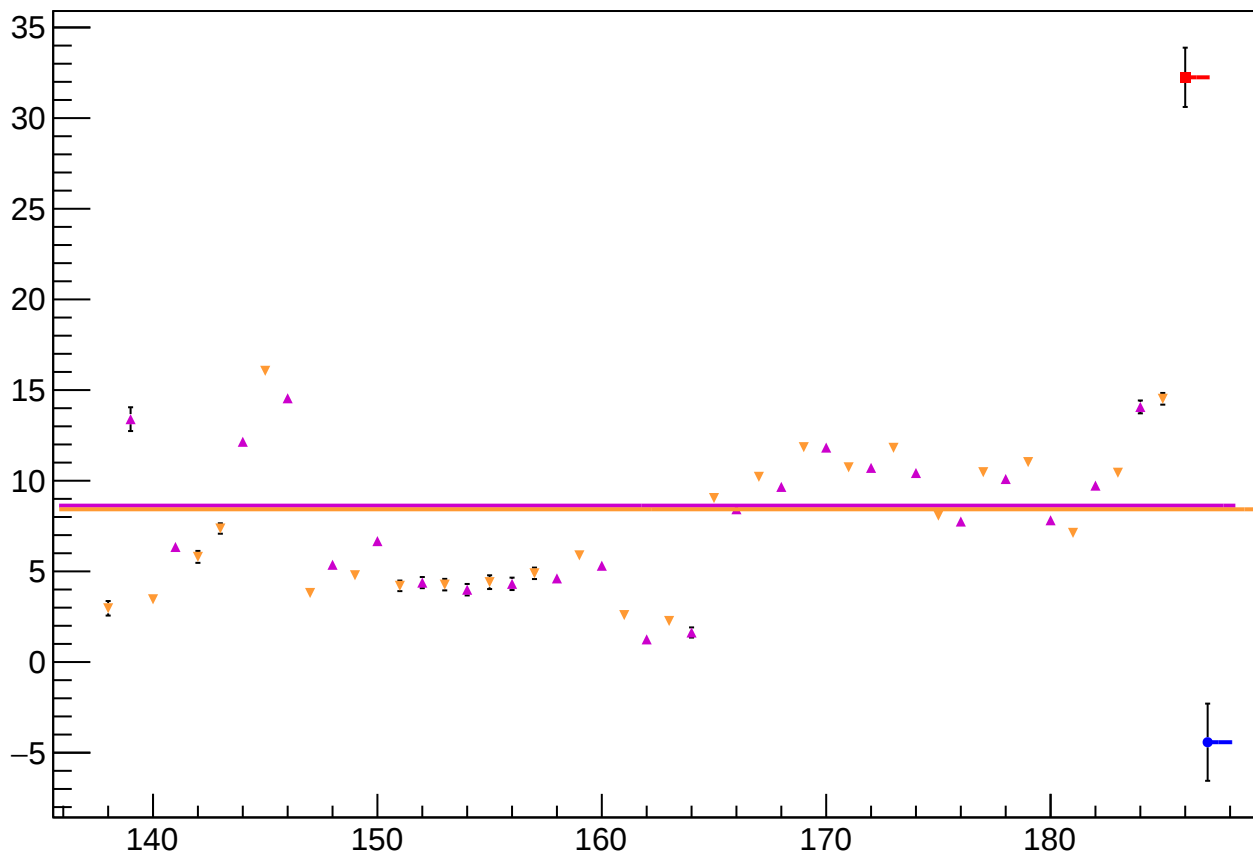
Left In: -16.764 $\pm$ 0.051 χ^2 /NDF: 19037.7/22

+ sign -17.051 $\pm$ 0.051 χ^2 /NDF: 22497.3/25

All: -17.092 $\pm$ 0.036 χ^2 /NDF: 51477.9/49

- sign -17.133 $\pm$ 0.051 χ^2 /NDF: 28979.4/23

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: -4.422 ± 2.128 χ^2/NDF : 0.0/0

Left Out: 8.424 ± 0.046 χ^2/NDF : 6478.6/24

Right Out: 32.250 ± 1.635 χ^2/NDF : 0.0/0

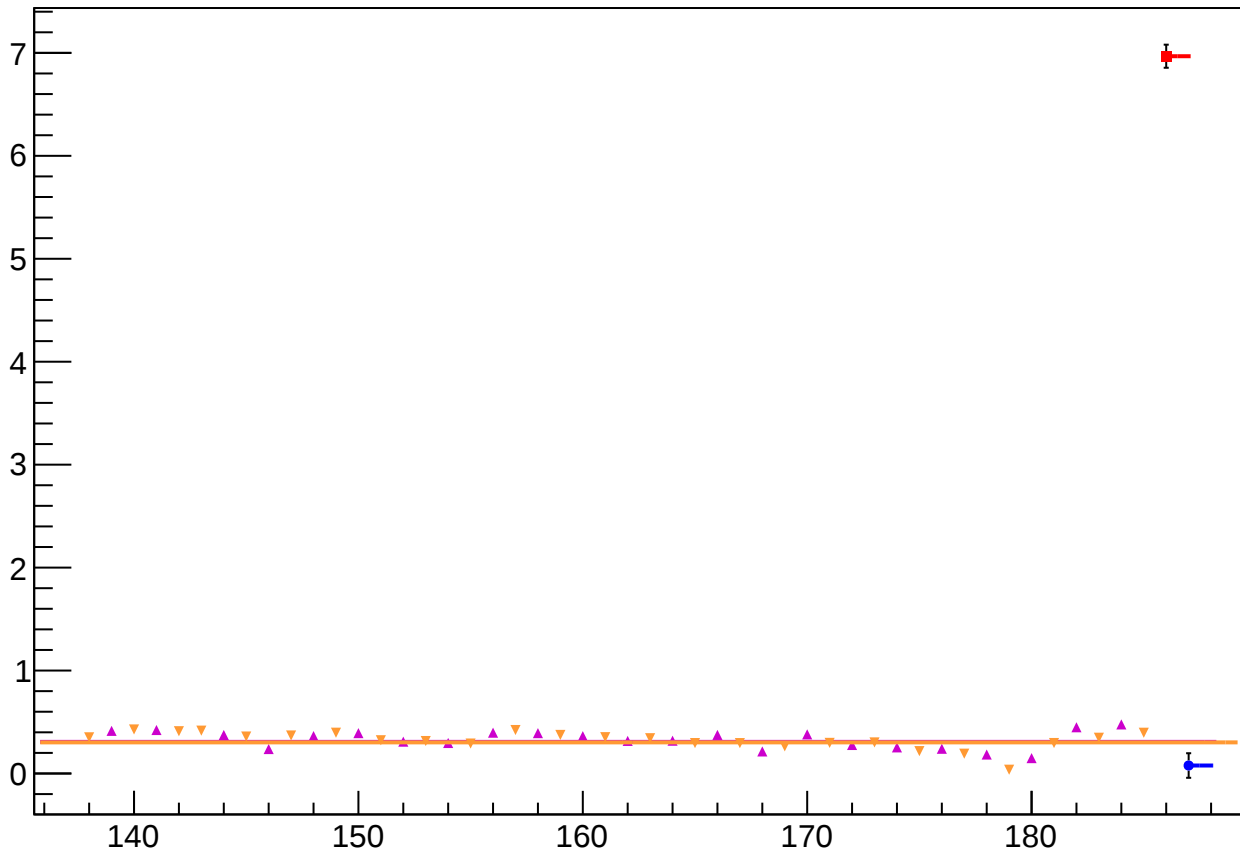
Left In: 8.626 ± 0.046 χ^2/NDF : 5531.9/22

+ sign 8.418 ± 0.046 χ^2/NDF : 6515.0/25

All: 8.530 ± 0.032 χ^2/NDF : 12267.6/49

- sign 8.645 ± 0.046 χ^2/NDF : 5740.4/23

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.078 $\pm$ 0.119 χ^2 /NDF: 0.0/0

Left Out: 0.302 $\pm$ 0.002 χ^2 /NDF:1589.8/24

Right Out: 6.968 $\pm$ 0.112 χ^2 /NDF: 0.0/0

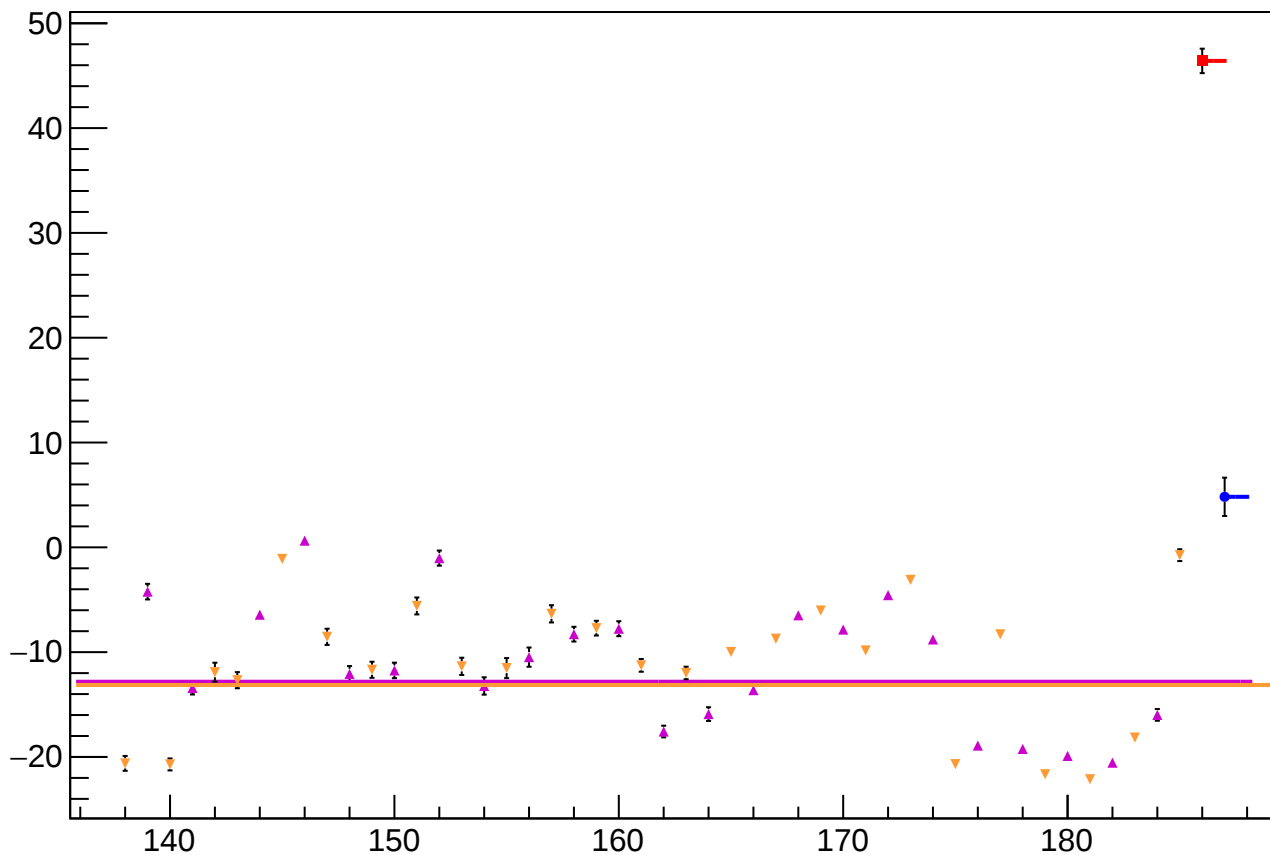
Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22

+ sign 0.302 $\pm$ 0.002 χ^2 /NDF: 1593.4/25

All: 0.306 $\pm$ 0.001 χ^2 /NDF: 6839.5/49

- sign 0.309 $\pm$ 0.002 χ^2 /NDF: 5240.2/23

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 4.820 $\pm$ 1.829 χ^2 /NDF: 0.0/0

Left Out: -13.133 $\pm$ 0.094 χ^2 /NDF: 5974.5/24

Right Out: 46.411 $\pm$ 1.167 χ^2 /NDF: 0.0/0

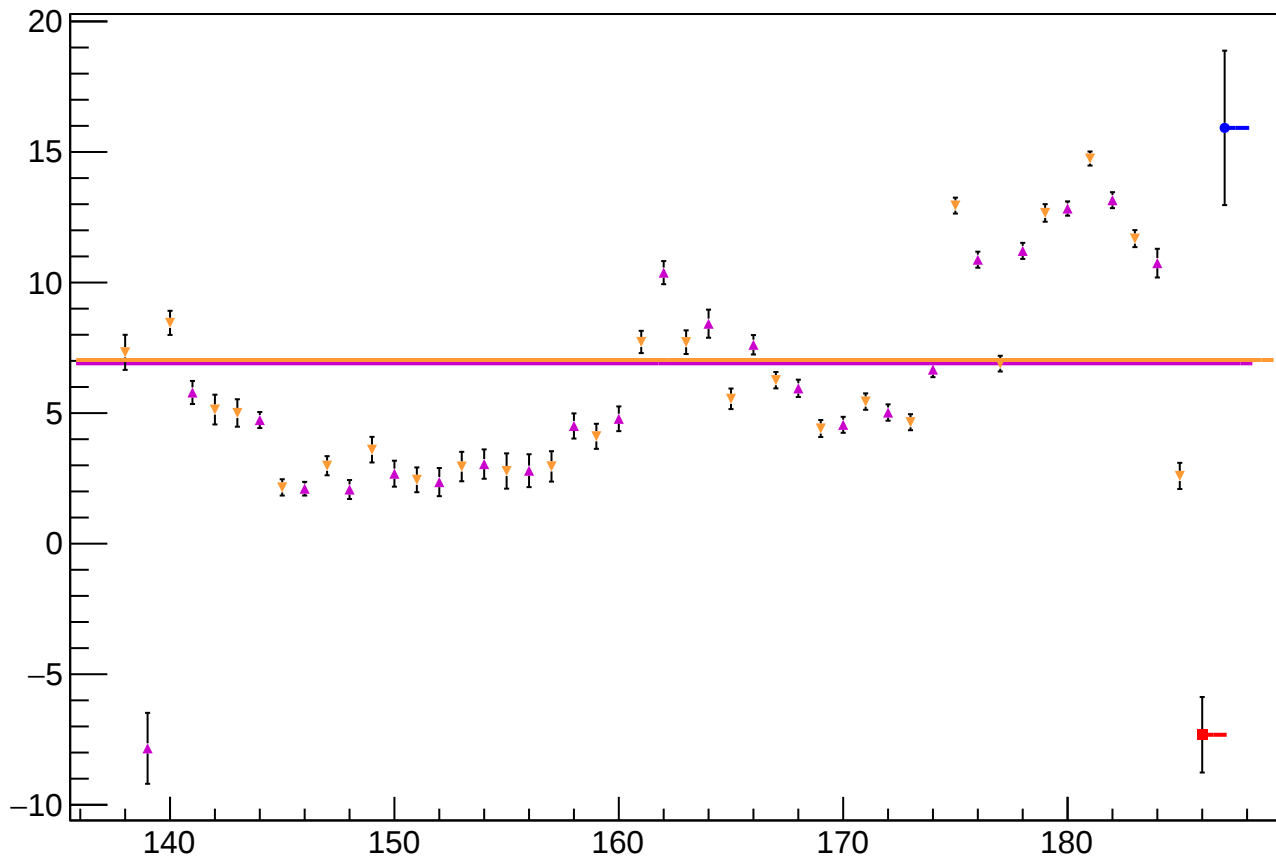
Left In: -12.823 $\pm$ 0.095 χ^2 /NDF: 4841.5/22

+ sign -13.086 $\pm$ 0.094 χ^2 /NDF: 6070.6/25

All: -12.763 $\pm$ 0.066 χ^2 /NDF: 13497.6/49

- sign -12.435 $\pm$ 0.094 χ^2 /NDF: 7403.1/23

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 15.923 ± 2.957 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 7.034 ± 0.077 $\chi^2/\text{NDF}: 2657.5/24$

Right Out: -7.318 ± 1.446 $\chi^2/\text{NDF}: 0.0/0$

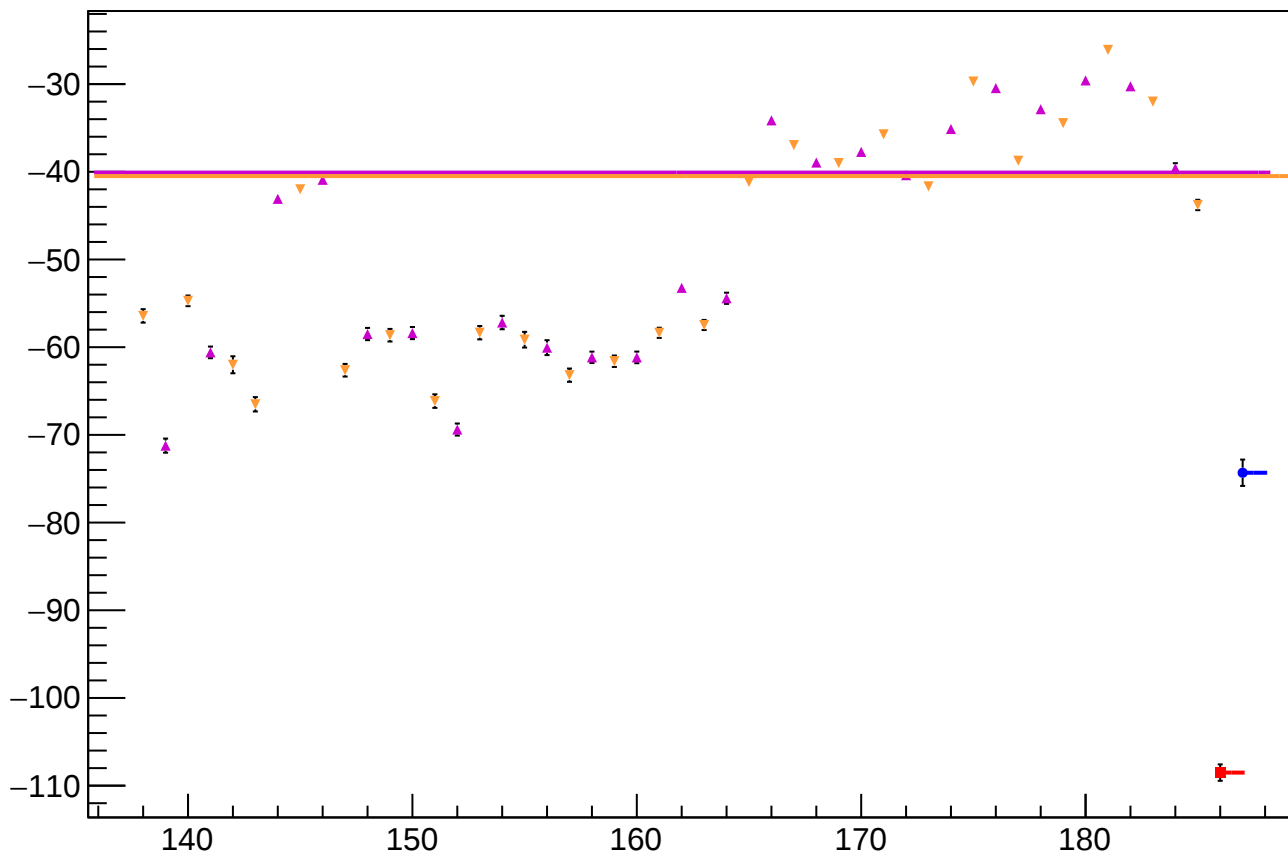
Left In: 6.906 ± 0.077 $\chi^2/\text{NDF}: 2442.8/22$

+ sign 7.040 ± 0.077 $\chi^2/\text{NDF}: 2666.5/25$

All: 6.953 ± 0.055 $\chi^2/\text{NDF}: 5208.5/49$

- sign 6.865 ± 0.077 $\chi^2/\text{NDF}: 2539.4/23$

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -74.319 ± 1.503 χ^2/NDF : 0.0/0

Left Out: -40.492 ± 0.095 χ^2/NDF : 15435.0/24

Right Out: -108.510 ± 0.936 χ^2/NDF : 0.0/0

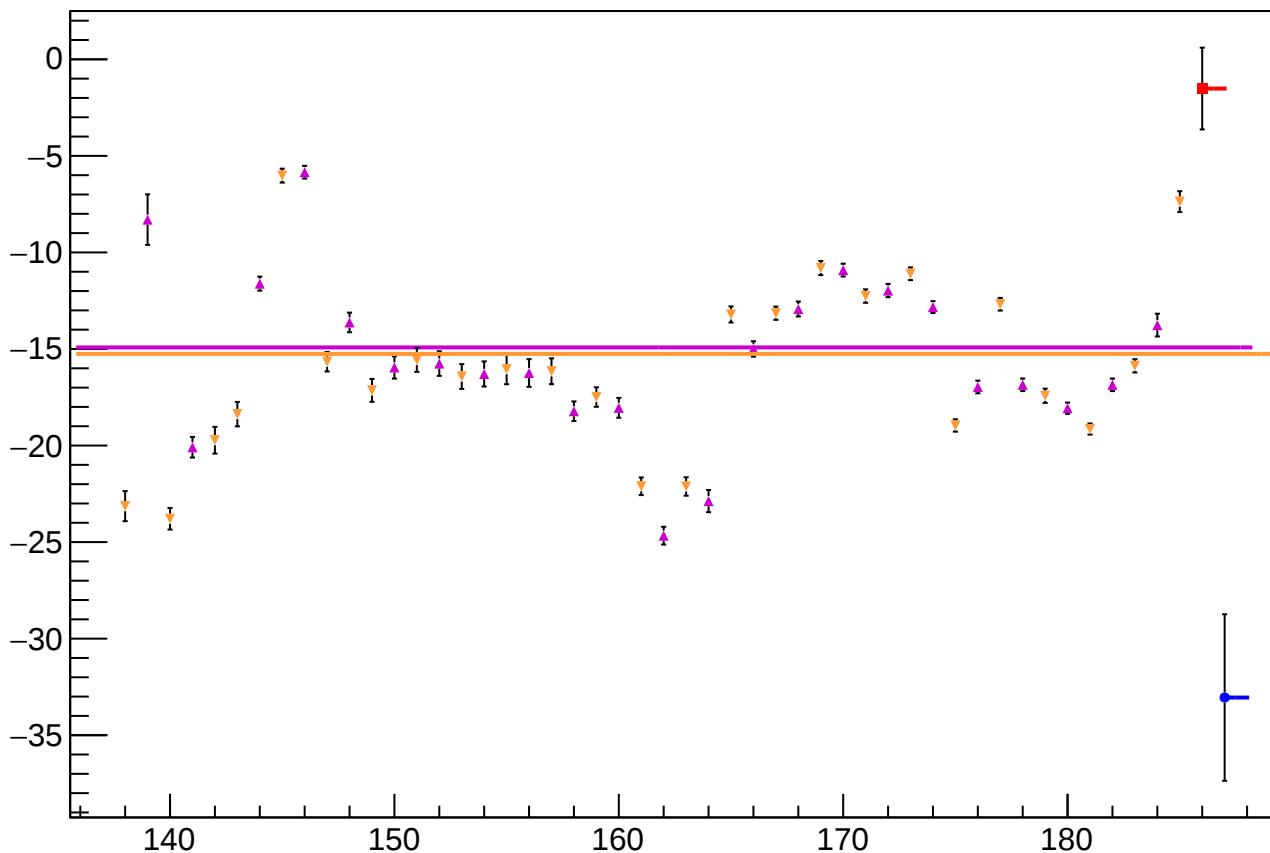
Left In: -40.091 ± 0.095 χ^2/NDF : 14103.5/22

+ sign -40.627 ± 0.095 χ^2/NDF : 15939.4/25

All: -40.709 ± 0.067 χ^2/NDF : 35337.0/49

- sign -40.793 ± 0.095 χ^2/NDF : 19396.1/23

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -33.050 ± 4.311 χ^2/NDF : 0.0/0

Left Out: -15.254 ± 0.086 χ^2/NDF : 2594.4/24

Right Out: -1.514 ± 2.118 χ^2/NDF : 0.0/0

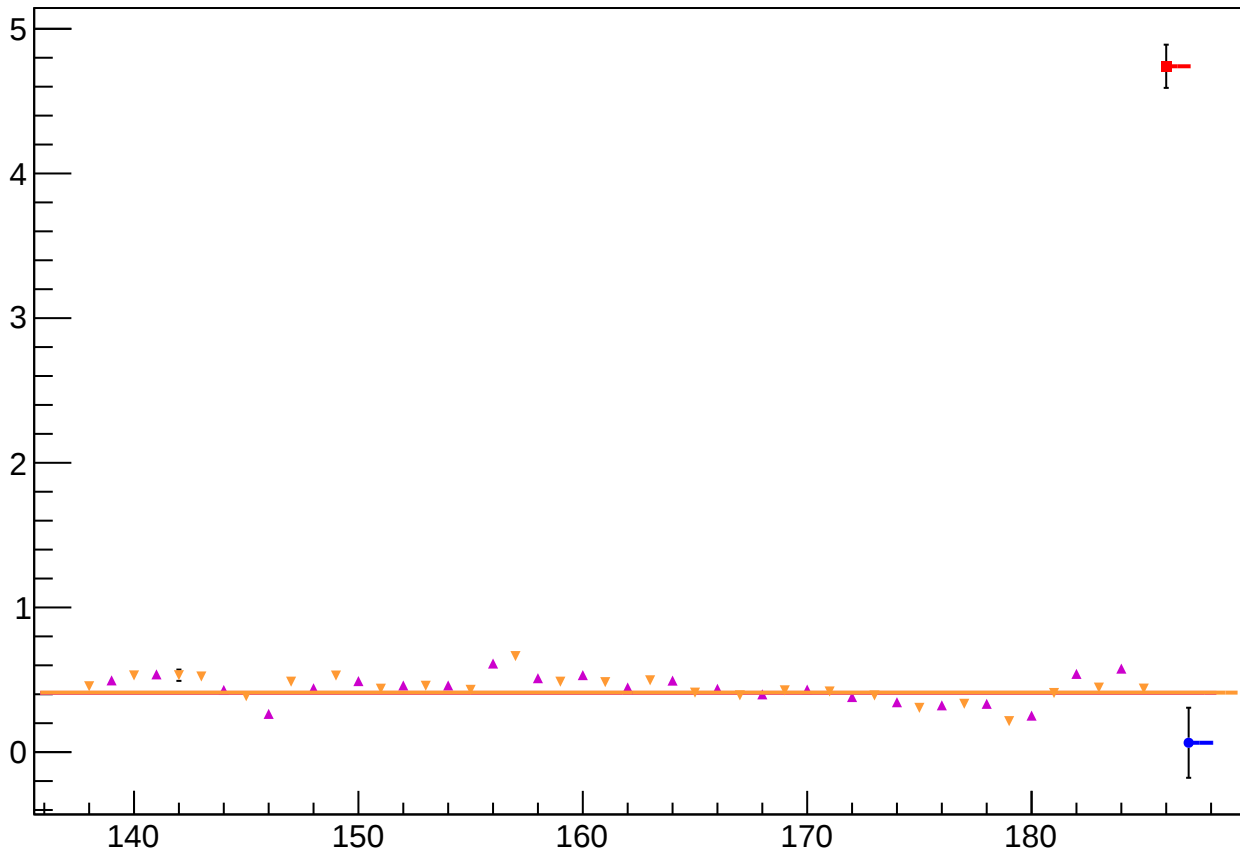
Left In: -14.919 ± 0.087 χ^2/NDF : 2207.7/22

+ sign -15.261 ± 0.086 χ^2/NDF : 2611.4/25

All: -15.080 ± 0.061 χ^2/NDF : 4868.1/49

- sign -14.897 ± 0.086 χ^2/NDF : 2247.7/23

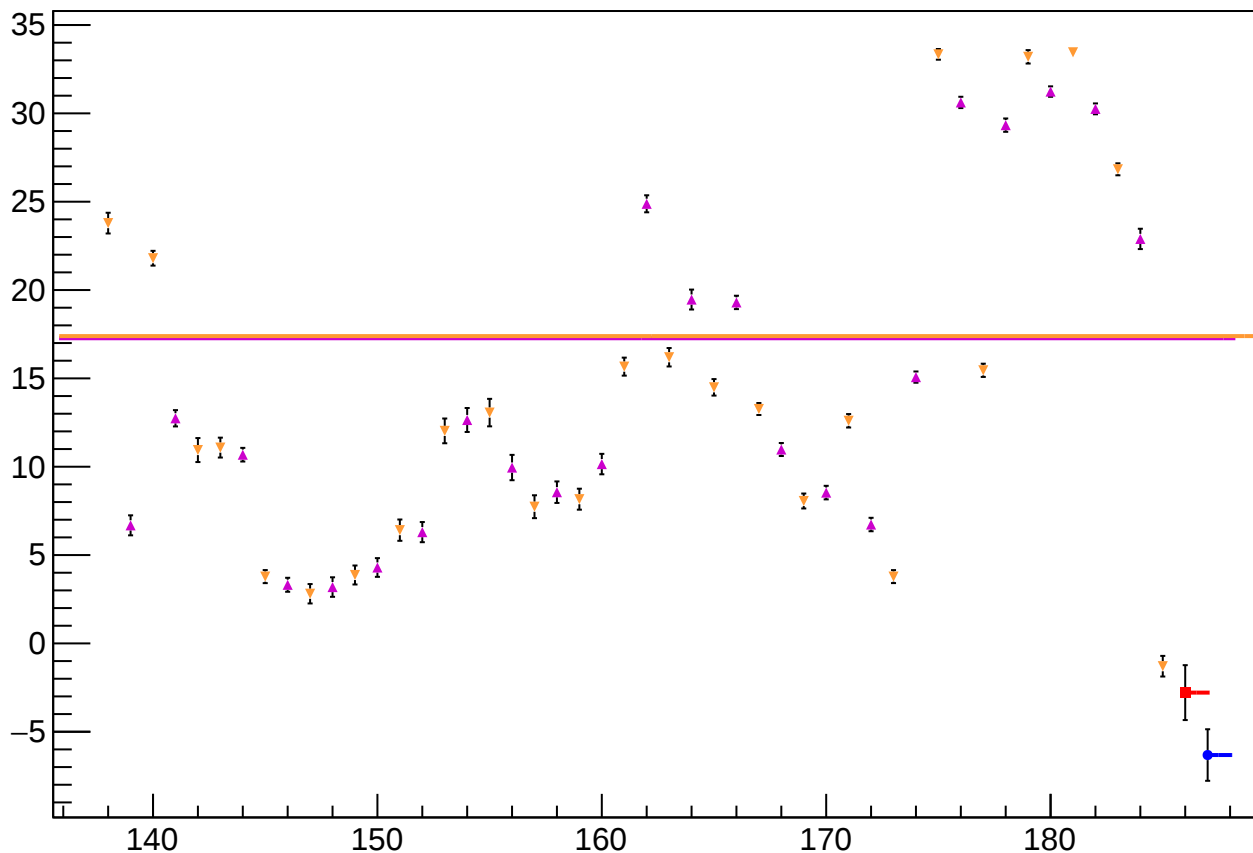
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.065+/-0.242 χ^2/NDF : 0.0/0
 Left Out: 0.411+/-0.004 χ^2/NDF : 428.8/24
 Right Out: 4.741+/-0.149 χ^2/NDF : 0.0/0
 Left In: 0.409+/-0.004 χ^2/NDF : 561.9/22

+ sign 0.411+/-0.004 χ^2/NDF : 430.8/25
 All: 0.412+/-0.003 χ^2/NDF : 1833.1/49
 - sign 0.412+/-0.004 χ^2/NDF : 1402.3/23

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: -6.318 ± 1.459 χ^2/NDF : 0.0/0

Left Out: 17.393 ± 0.087 χ^2/NDF : 16305.7/24

Right Out: -2.785 ± 1.554 χ^2/NDF : 0.0/0

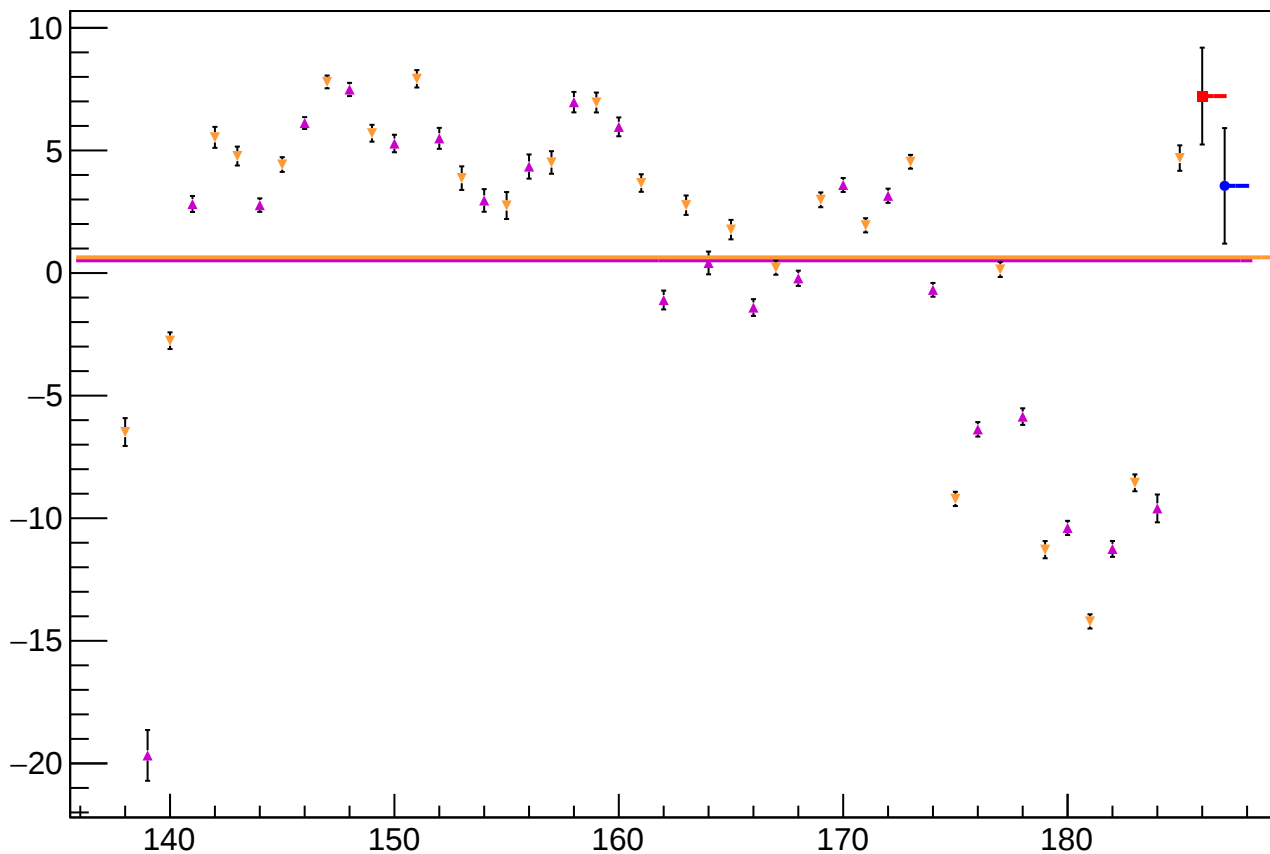
Left In: 17.271 ± 0.088 χ^2/NDF : 12892.2/22

+ sign 17.309 ± 0.087 χ^2/NDF : 16569.0/25

All: 17.258 ± 0.062 χ^2/NDF : 29628.0/49

- sign 17.206 ± 0.088 χ^2/NDF : 13058.3/23

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 3.556 $\pm$ 2.357 χ^2 /NDF: 0.0/0

Left Out: 0.639 $\pm$ 0.070 χ^2 /NDF:8514.9/24

Right Out: 7.217 $\pm$ 1.975 χ^2 /NDF: 0.0/0

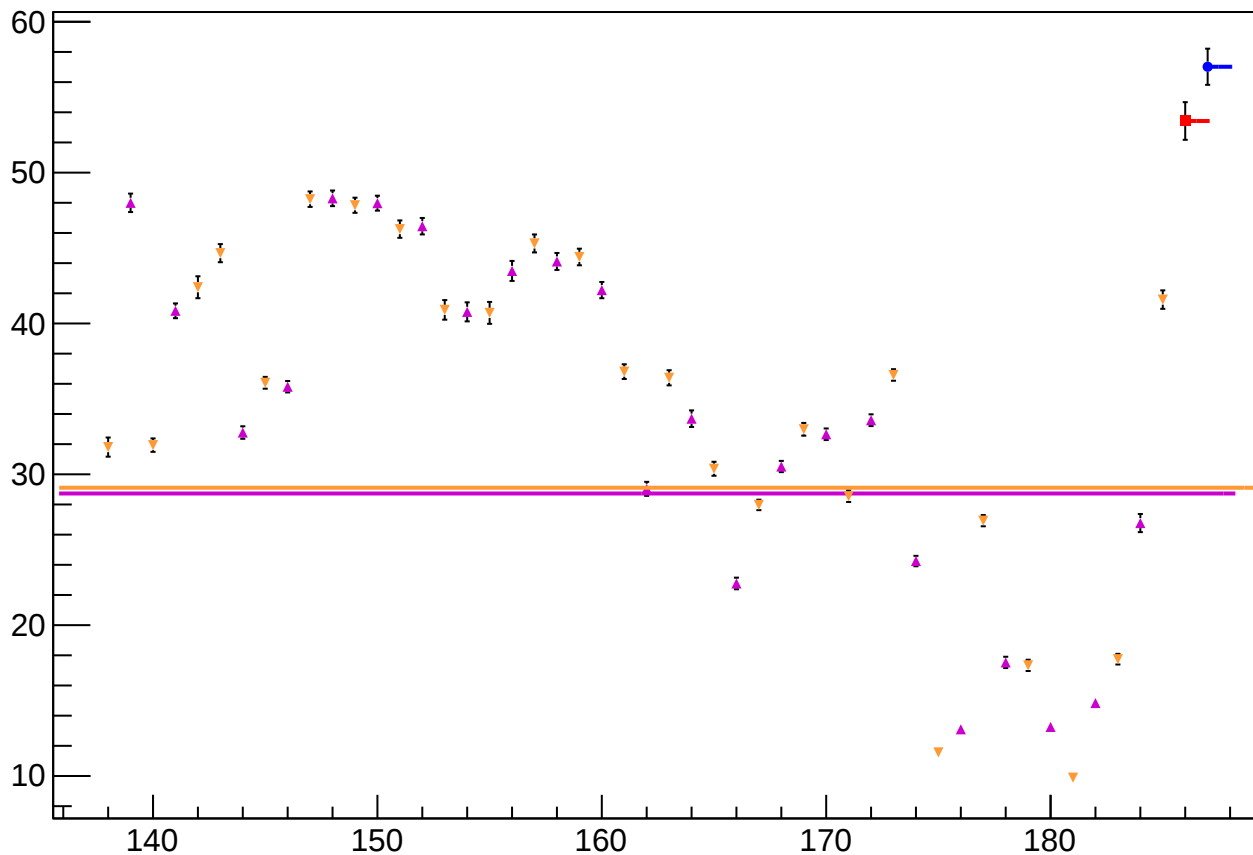
Left In: 0.519 $\pm$ 0.071 χ^2 /NDF:6776.8/22

+ sign 0.642 $\pm$ 0.069 χ^2 /NDF: 8516.4/25

All: 0.586 $\pm$ 0.049 χ^2 /NDF: 15306.0/49

- sign 0.528 $\pm$ 0.071 χ^2 /NDF: 6788.3/23

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 57.019+/-1.199 χ^2 /NDF: 0.0/0

Left Out: 29.110+/-0.088 χ^2 /NDF:18845.8/24

Right Out: 53.423+/-1.248 χ^2 /NDF: 0.0/0

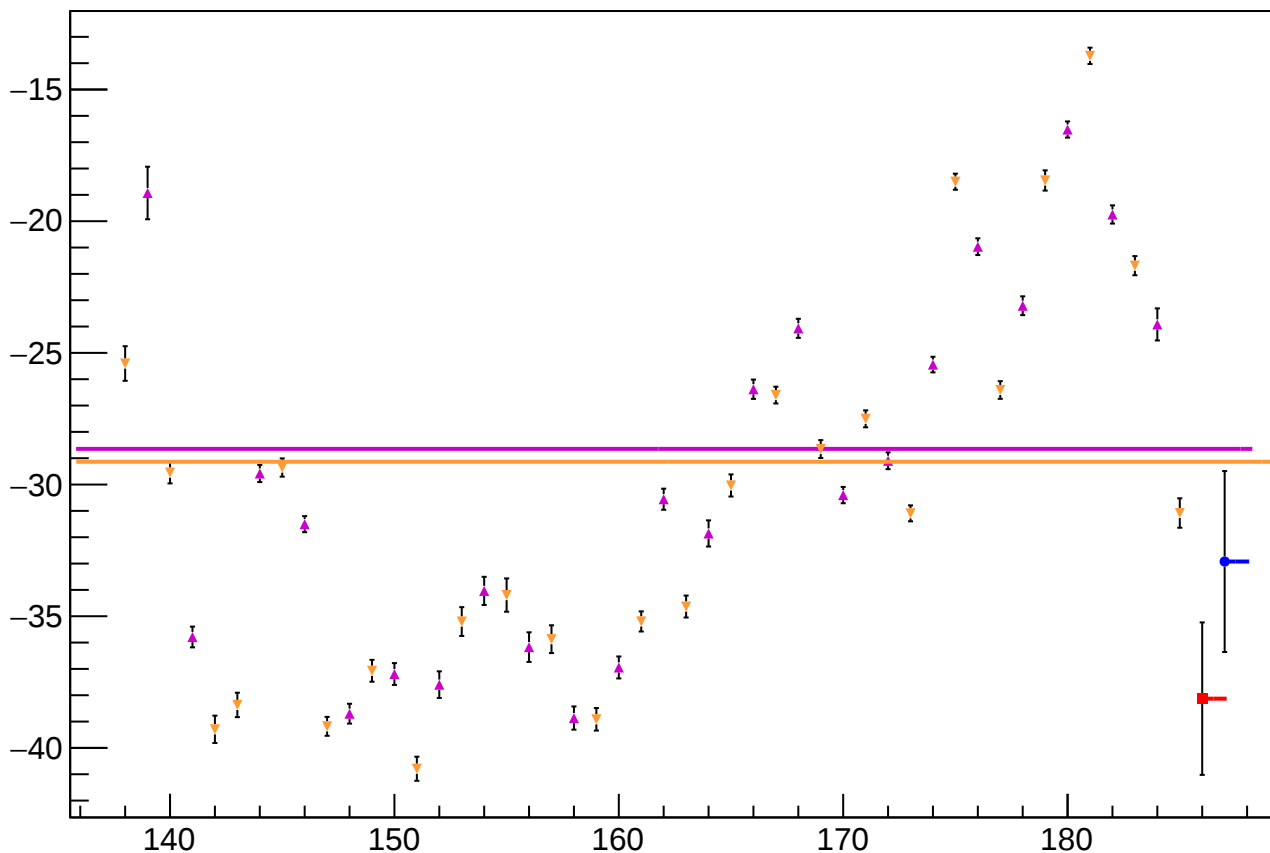
Left In: 28.728+/-0.089 χ^2 /NDF:17037.4/22

+ sign 29.259+/-0.088 χ^2 /NDF: 19384.7/25

All: 29.058+/-0.062 χ^2 /NDF: 36822.3/49

- sign 28.852+/-0.089 χ^2 /NDF: 17426.9/23

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -32.923 ± 3.435 χ^2/NDF : 0.0/0

Left Out: -29.134 ± 0.078 χ^2/NDF : 8998.0/24

Right Out: -38.130 ± 2.895 χ^2/NDF : 0.0/0

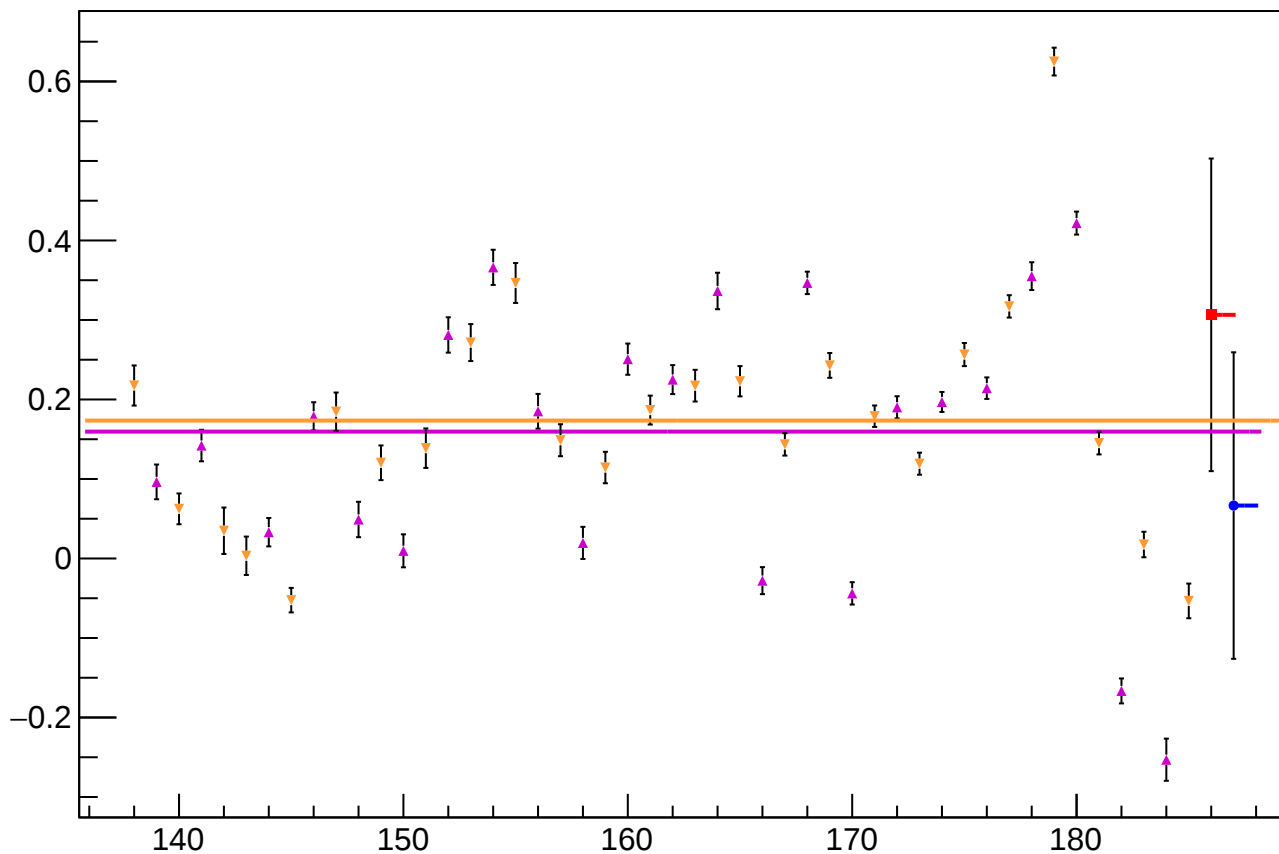
Left In: -28.645 ± 0.080 χ^2/NDF : 6693.5/22

+ sign -29.136 ± 0.078 χ^2/NDF : 8999.2/25

All: -28.897 ± 0.056 χ^2/NDF : 15722.3/49

- sign -28.652 ± 0.079 χ^2/NDF : 6704.2/23

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.067 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Left Out: 0.173 $\pm$ 0.004 χ^2 /NDF:1468.8/24

Right Out: 0.306 $\pm$ 0.197 χ^2 /NDF: 0.0/0

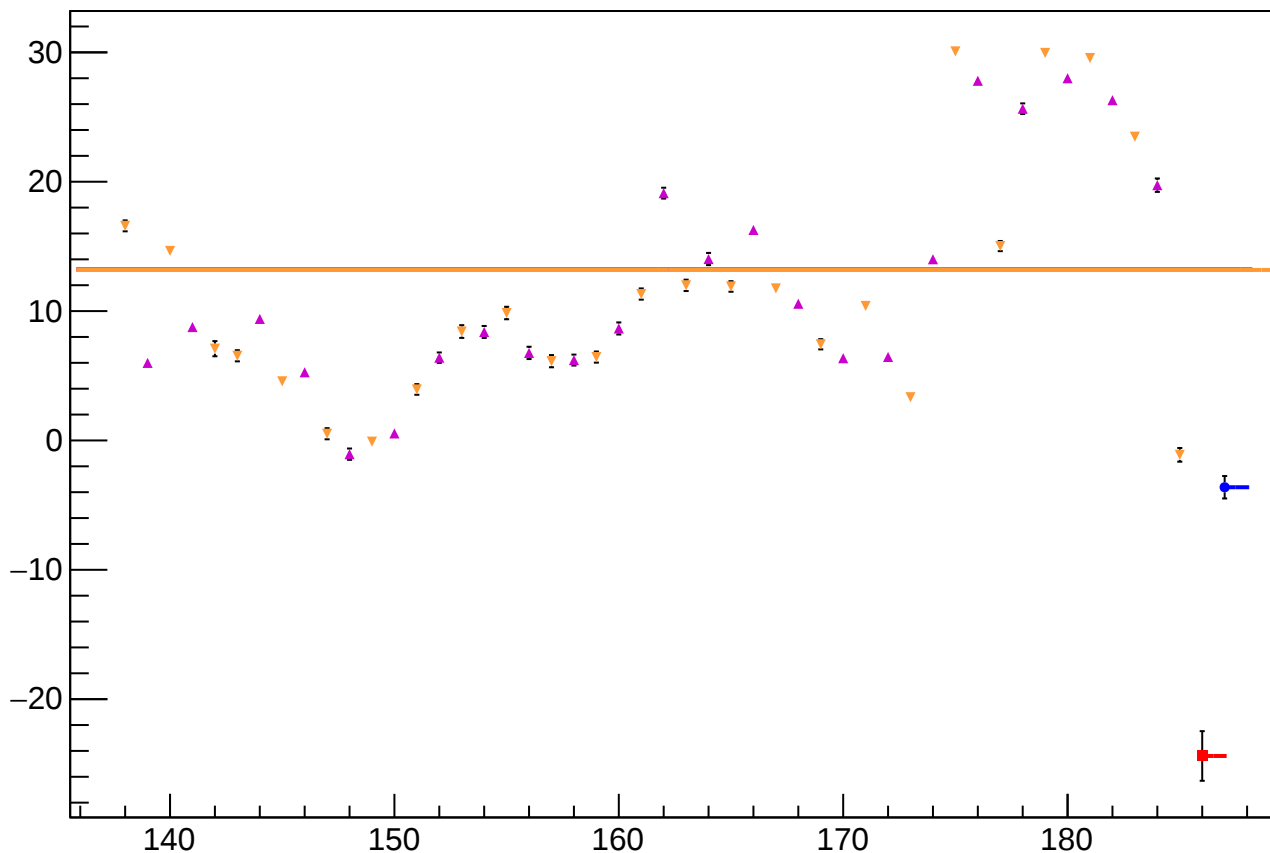
Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22

+ sign 0.173 $\pm$ 0.004 χ^2 /NDF: 1469.1/25

All: 0.167 $\pm$ 0.003 χ^2 /NDF: 3540.7/49

- sign 0.160 $\pm$ 0.004 χ^2 /NDF: 2064.3/23

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: -3.618 ± 0.867 χ^2/NDF : 0.0/0

Left Out: 13.181 ± 0.075 χ^2/NDF : 17039.3/24

Right Out: -24.391 ± 1.919 χ^2/NDF : 0.0/0

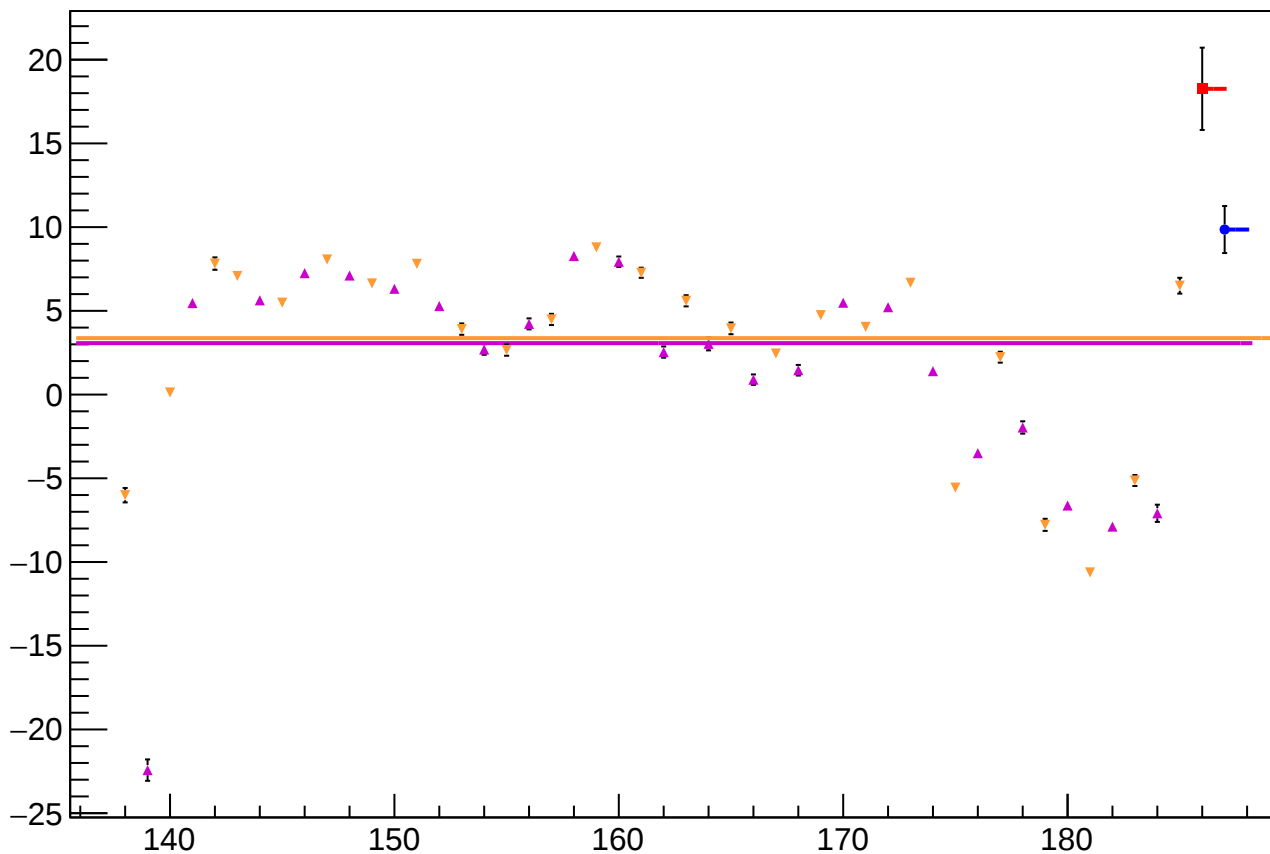
Left In: 13.228 ± 0.077 χ^2/NDF : 14126.1/22

+ sign 13.055 ± 0.075 χ^2/NDF : 17411.7/25

All: 13.111 ± 0.054 χ^2/NDF : 31922.6/49

- sign 13.168 ± 0.077 χ^2/NDF : 14509.8/23

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 9.855 ± 1.405 χ^2/NDF : 0.0/0

Left Out: 3.372 ± 0.059 χ^2/NDF : 8053.7/24

Right Out: 18.260 ± 2.457 χ^2/NDF : 0.0/0

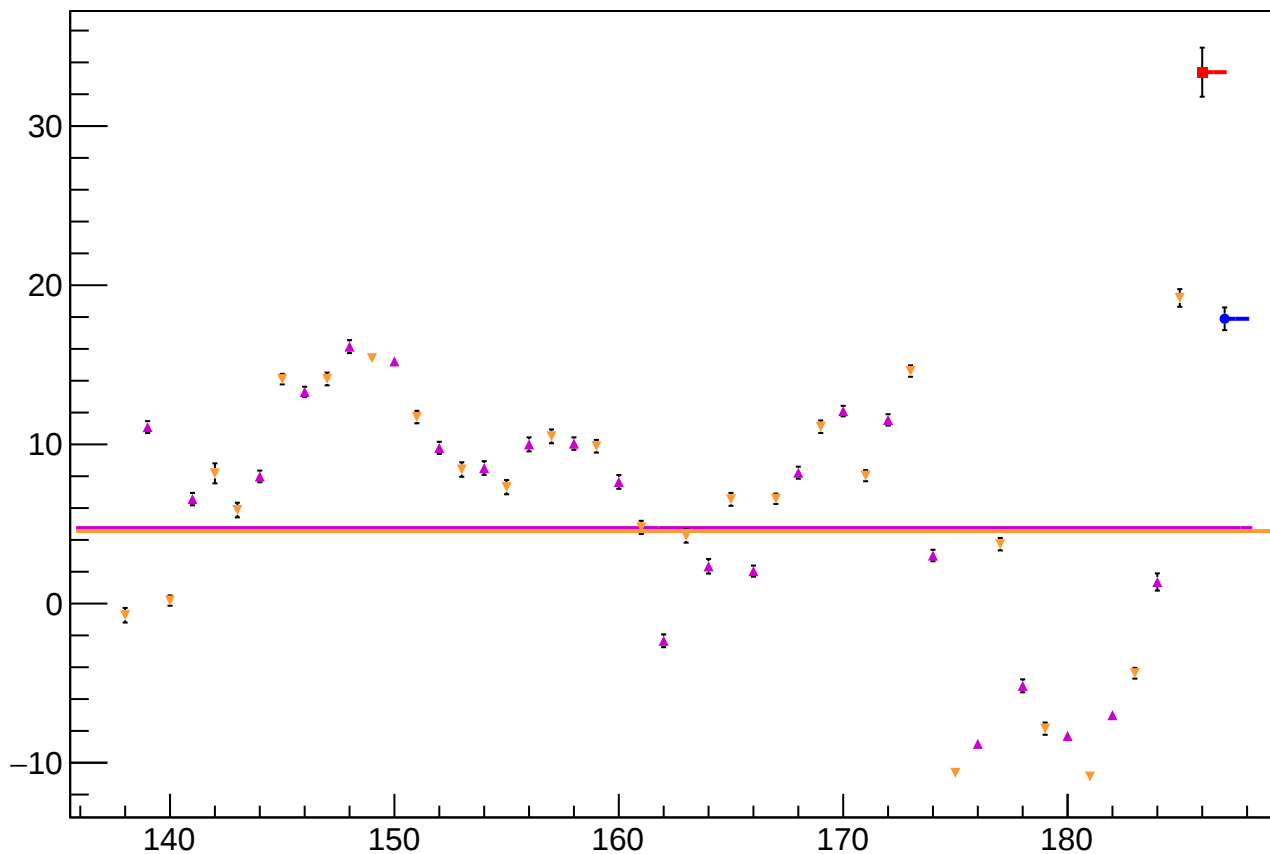
Left In: 3.071 ± 0.060 χ^2/NDF : 7269.0/22

+ sign 3.383 ± 0.058 χ^2/NDF : 8074.9/25

All: 3.237 ± 0.042 χ^2/NDF : 15395.1/49

- sign 3.080 ± 0.060 χ^2/NDF : 7307.2/23

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 17.892 ± 0.713 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 4.557 ± 0.076 $\chi^2/\text{NDF}: 13588.4/24$

Right Out: 33.385 ± 1.540 $\chi^2/\text{NDF}: 0.0/0$

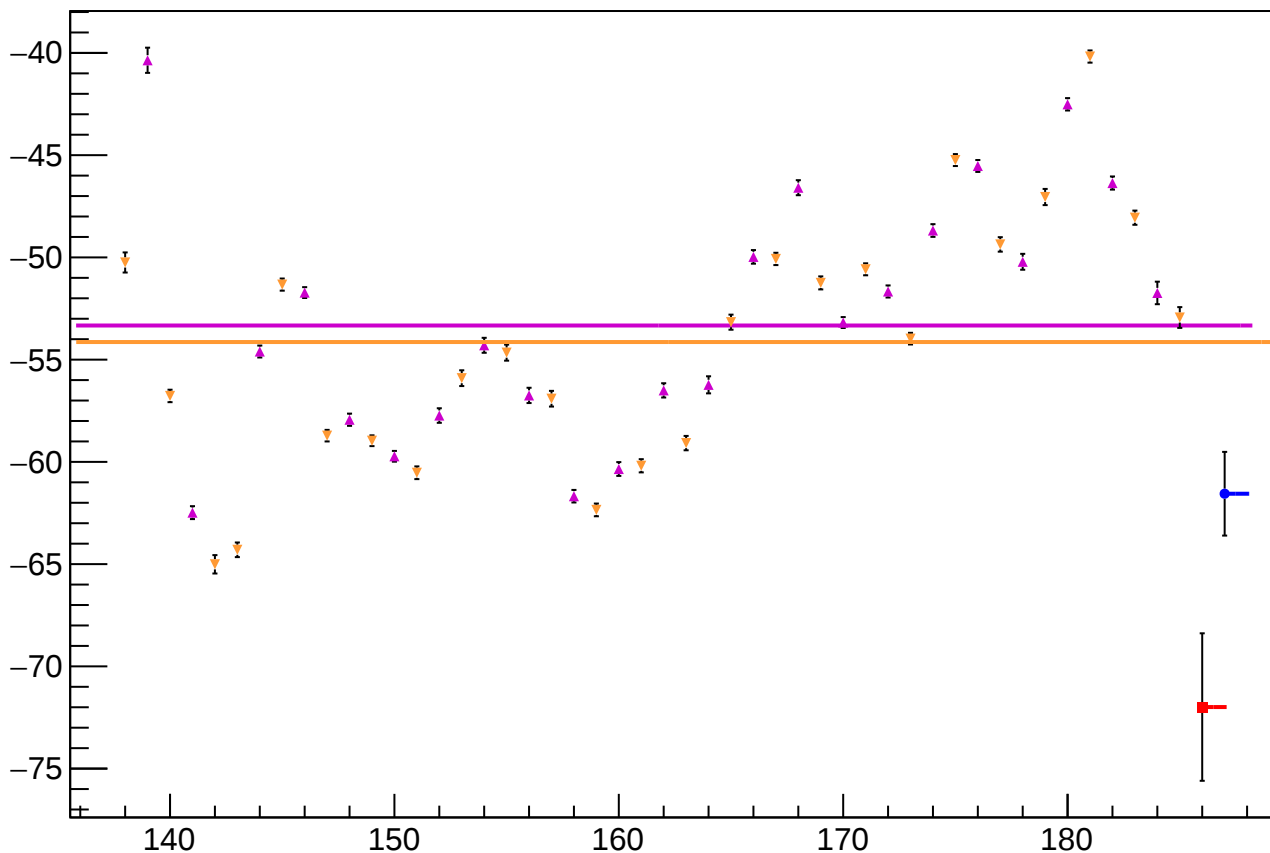
Left In: 4.741 ± 0.076 $\chi^2/\text{NDF}: 11418.2/22$

+ sign 4.705 ± 0.075 $\chi^2/\text{NDF}: 13933.9/25$

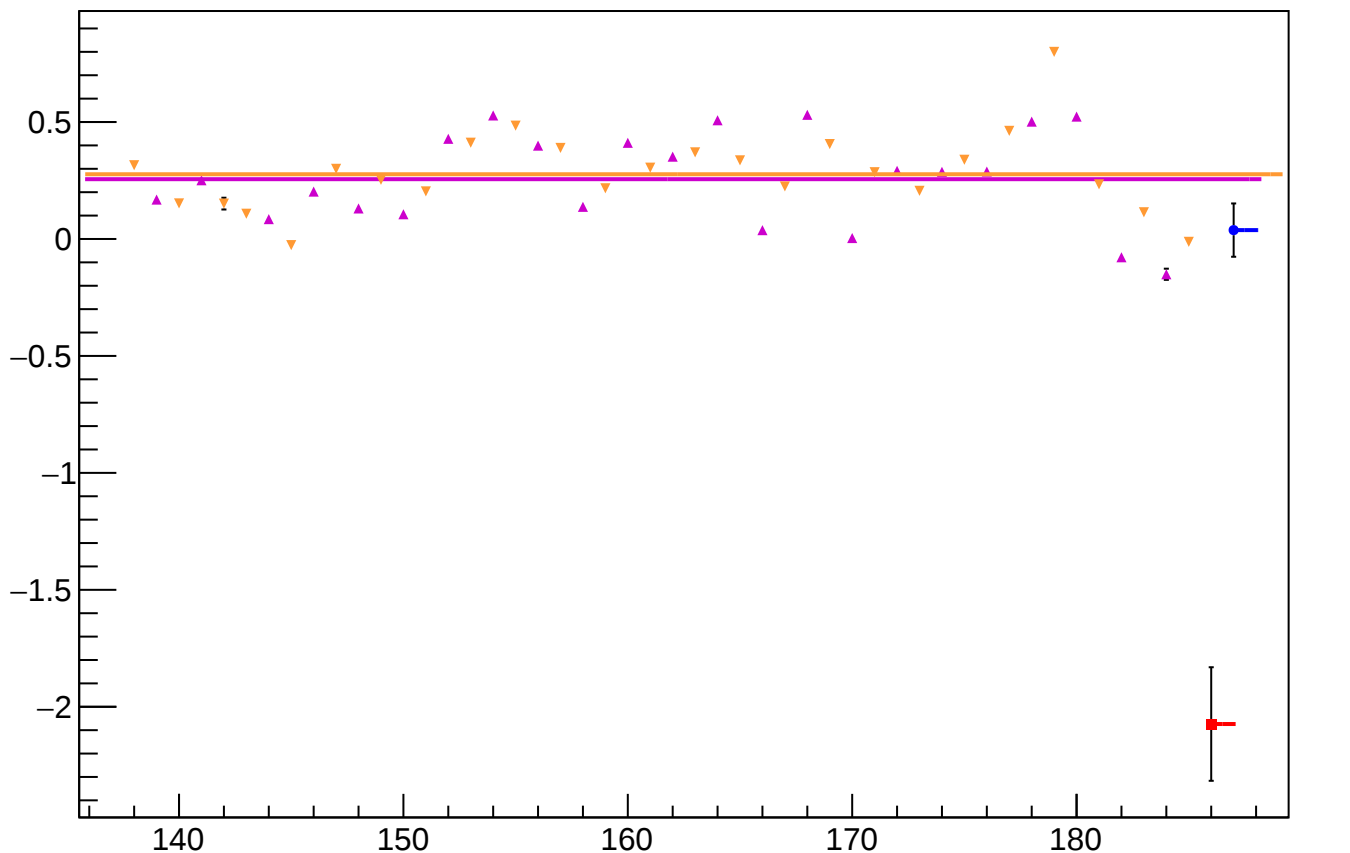
All: 4.757 ± 0.054 $\chi^2/\text{NDF}: 25698.3/49$

- sign 4.812 ± 0.076 $\chi^2/\text{NDF}: 11763.3/23$

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.038 $\pm$ 0.114 χ^2 /NDF: 0.0/0

Left Out: 0.277 $\pm$ 0.003 χ^2 /NDF:2606.0/24

Right Out: -2.074 $\pm$ 0.243 χ^2 /NDF: 0.0/0

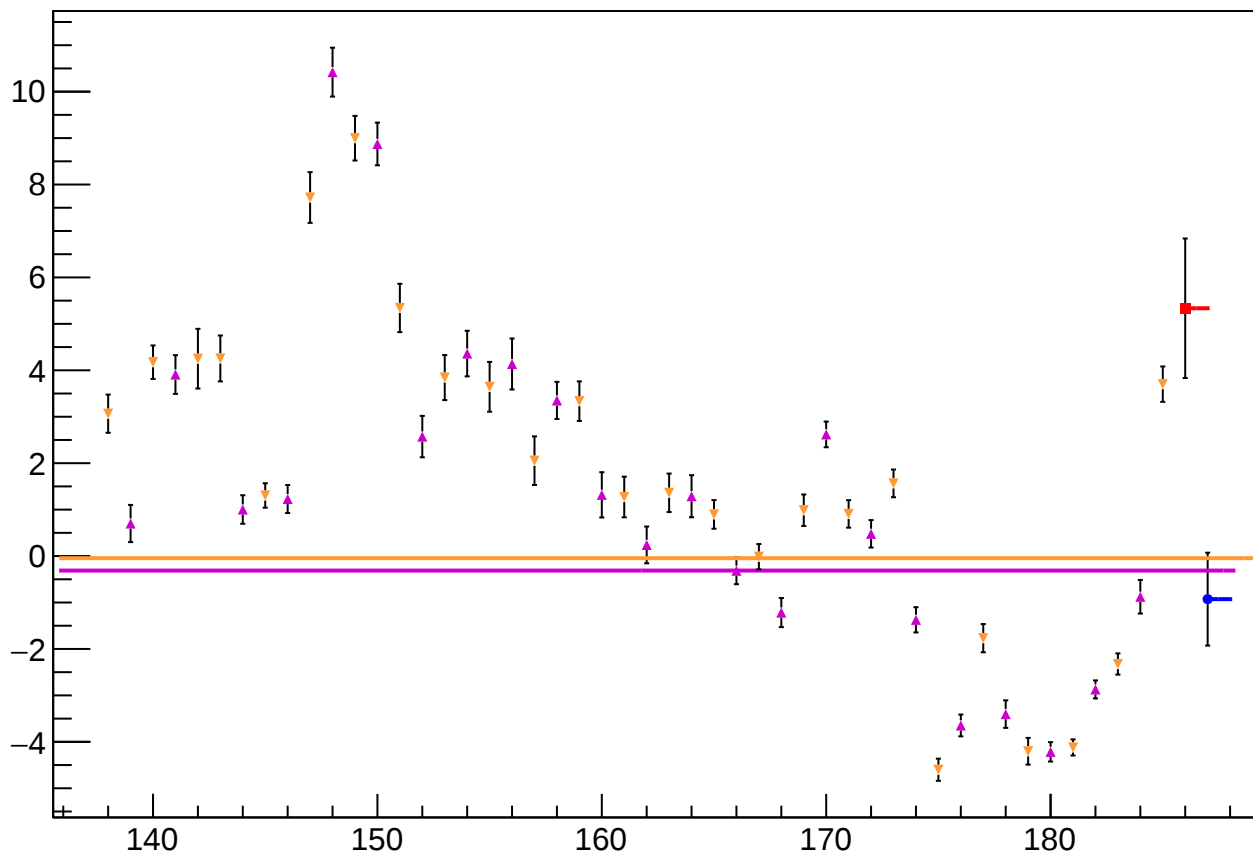
Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

+ sign 0.277 $\pm$ 0.003 χ^2 /NDF: 2610.4/25

All: 0.266 $\pm$ 0.002 χ^2 /NDF: 6370.5/49

- sign 0.255 $\pm$ 0.003 χ^2 /NDF: 3736.0/23

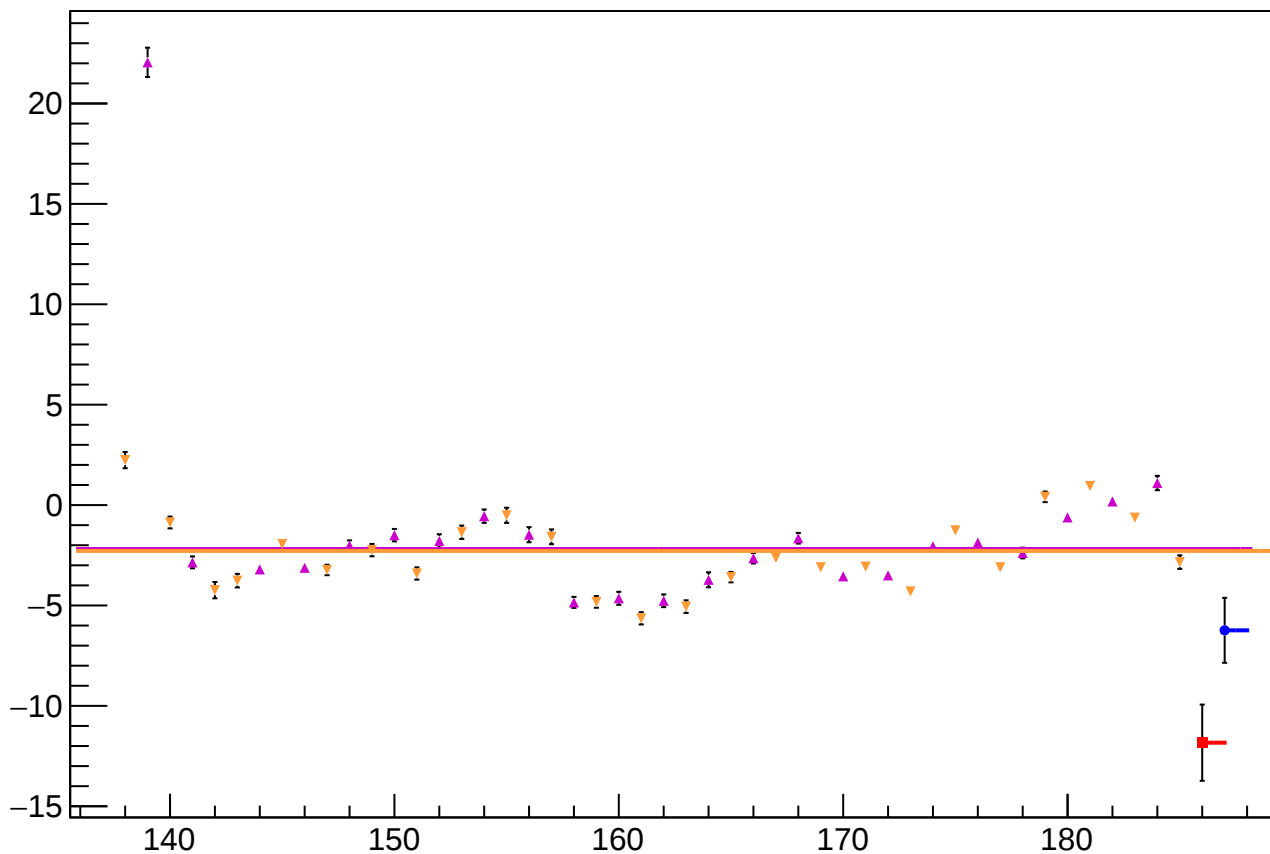
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: -0.927 ± 1.000 χ^2/NDF : 0.0/0
 Left Out: -0.046 ± 0.066 χ^2/NDF : 2628.9/24
 Right Out: 5.336 ± 1.502 χ^2/NDF : 0.0/0
 Left In: -0.312 ± 0.067 χ^2/NDF : 2252.6/22

+ sign -0.050 ± 0.066 χ^2/NDF : 2629.7/25
 All: -0.173 ± 0.047 χ^2/NDF : 4903.6/49
 - sign -0.301 ± 0.067 χ^2/NDF : 2266.7/23

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: -6.238 ± 1.618 χ^2/NDF : 0.0/0

Left Out: -2.283 ± 0.054 χ^2/NDF : 1132.1/24

Right Out: -11.834 ± 1.898 χ^2/NDF : 0.0/0

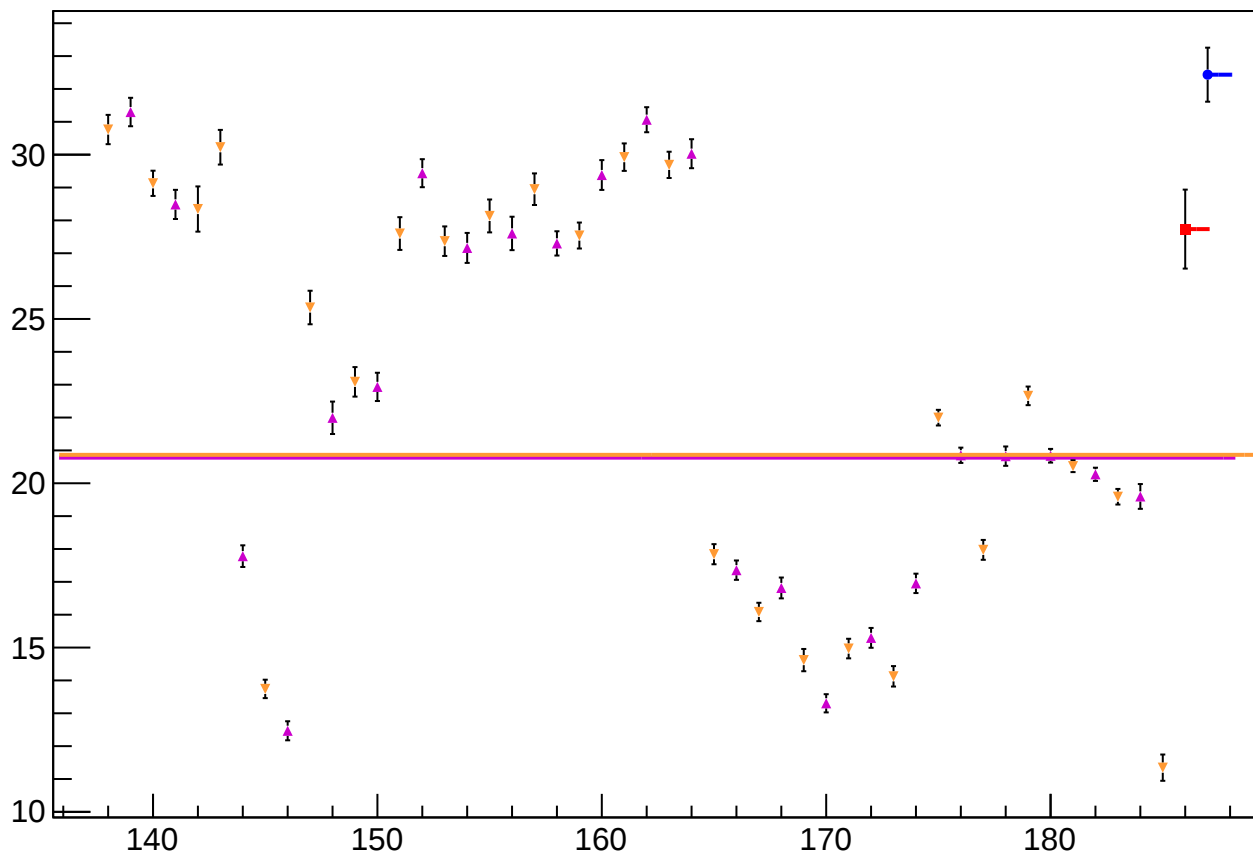
Left In: -2.190 ± 0.055 χ^2/NDF : 1785.1/22

+ sign -2.287 ± 0.054 χ^2/NDF : 1138.1/25

All: -2.243 ± 0.039 χ^2/NDF : 2950.3/49

- sign -2.198 ± 0.055 χ^2/NDF : 1810.9/23

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 32.434 $\pm$ 0.822 χ^2 /NDF: 0.0/0

Left Out: 20.865 $\pm$ 0.067 χ^2 /NDF:6608.4/24

Right Out: 27.735 $\pm$ 1.202 χ^2 /NDF: 0.0/0

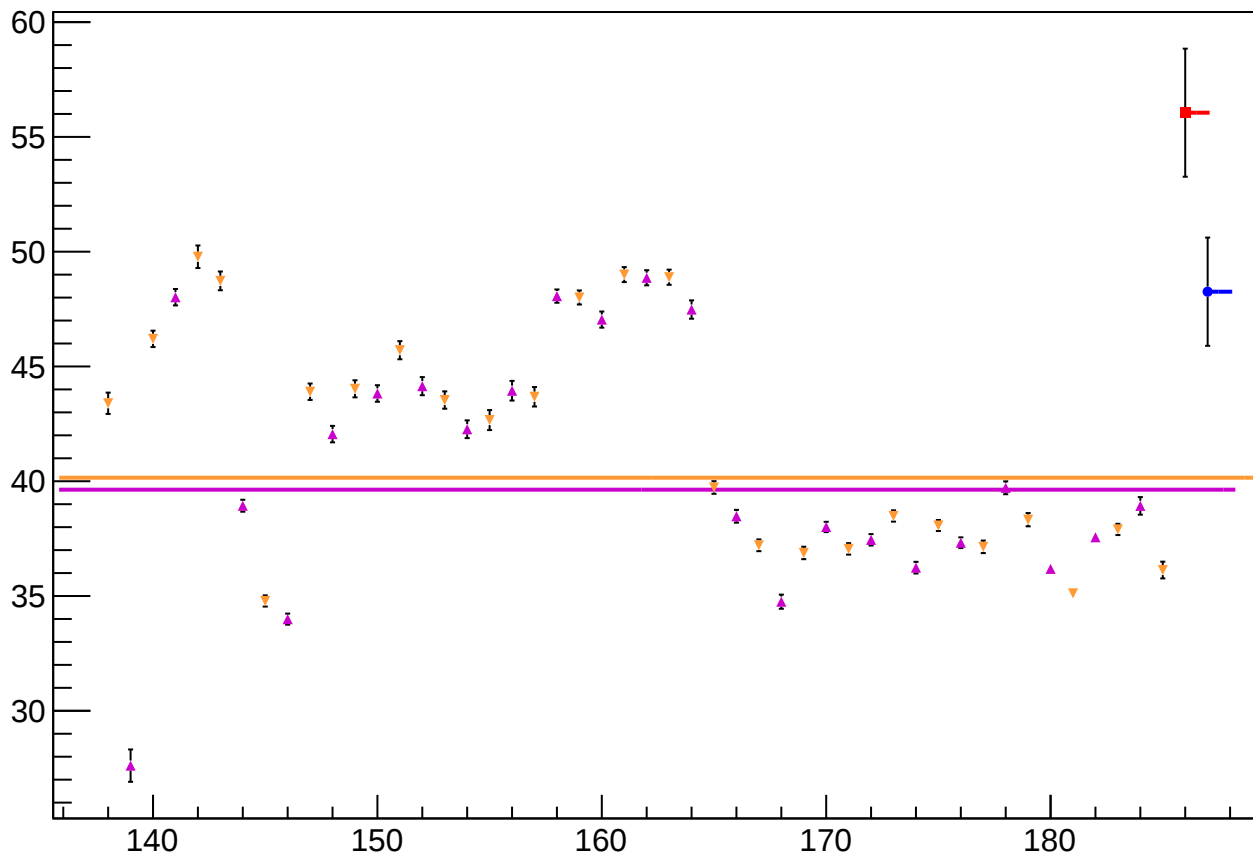
Left In: 20.780 $\pm$ 0.067 χ^2 /NDF:5988.0/22

+ sign 20.941 $\pm$ 0.067 χ^2 /NDF: 6805.1/25

All: 20.872 $\pm$ 0.047 χ^2 /NDF: 12828.7/49

- sign 20.801 $\pm$ 0.067 χ^2 /NDF: 6021.4/23

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 48.257 $\pm$ 2.358 χ^2 /NDF: 0.0/0

Left Out: 40.154 $\pm$ 0.060 χ^2 /NDF: 5861.6/24

Right Out: 56.055 $\pm$ 2.789 χ^2 /NDF: 0.0/0

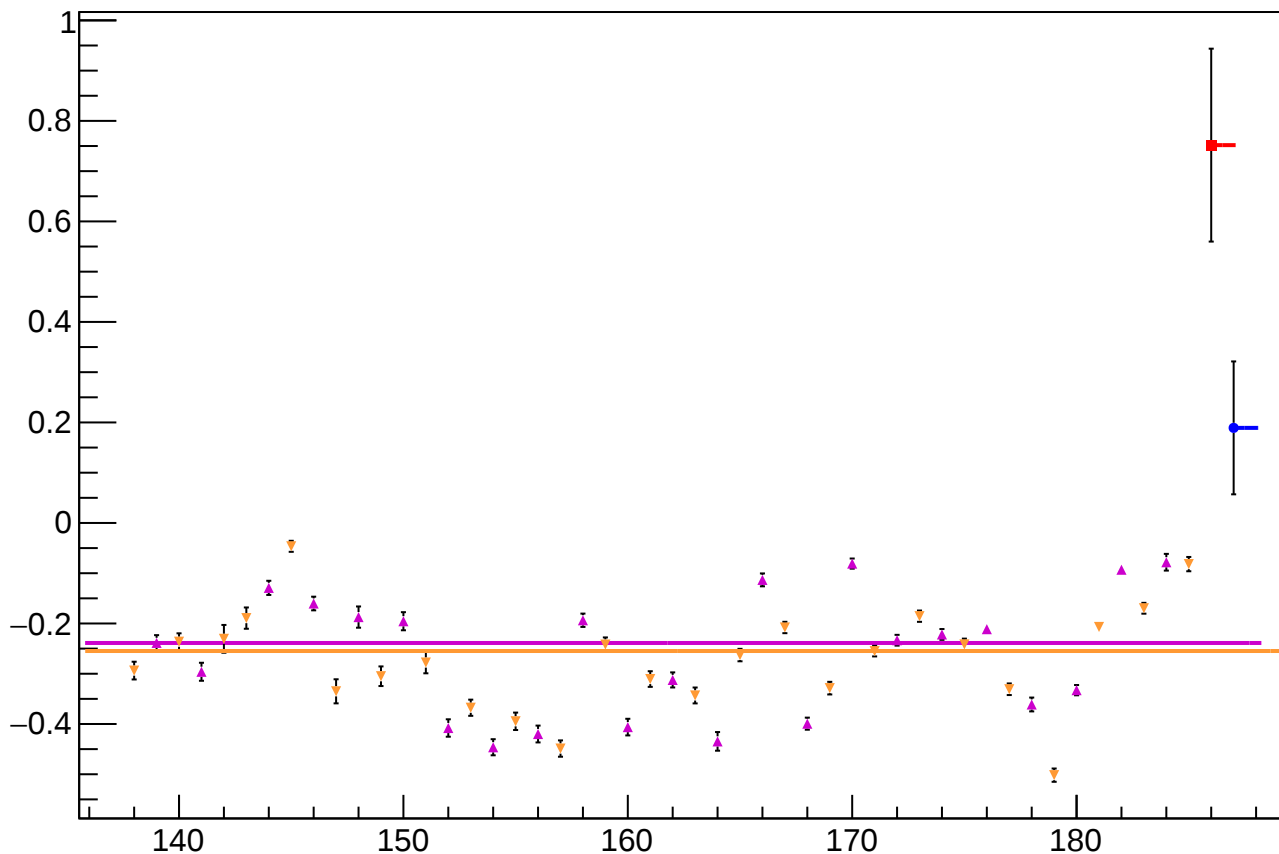
Left In: 39.632 $\pm$ 0.061 χ^2 /NDF: 5343.3/22

+ sign 40.159 $\pm$ 0.060 χ^2 /NDF: 5873.4/25

All: 39.903 $\pm$ 0.043 χ^2 /NDF: 11287.7/49

- sign 39.640 $\pm$ 0.061 χ^2 /NDF: 5378.0/23

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.189 ± 0.132 χ^2/NDF : 0.0/0

Left Out: -0.255 ± 0.003 χ^2/NDF : 1417.7/24

Right Out: 0.752 ± 0.192 χ^2/NDF : 0.0/0

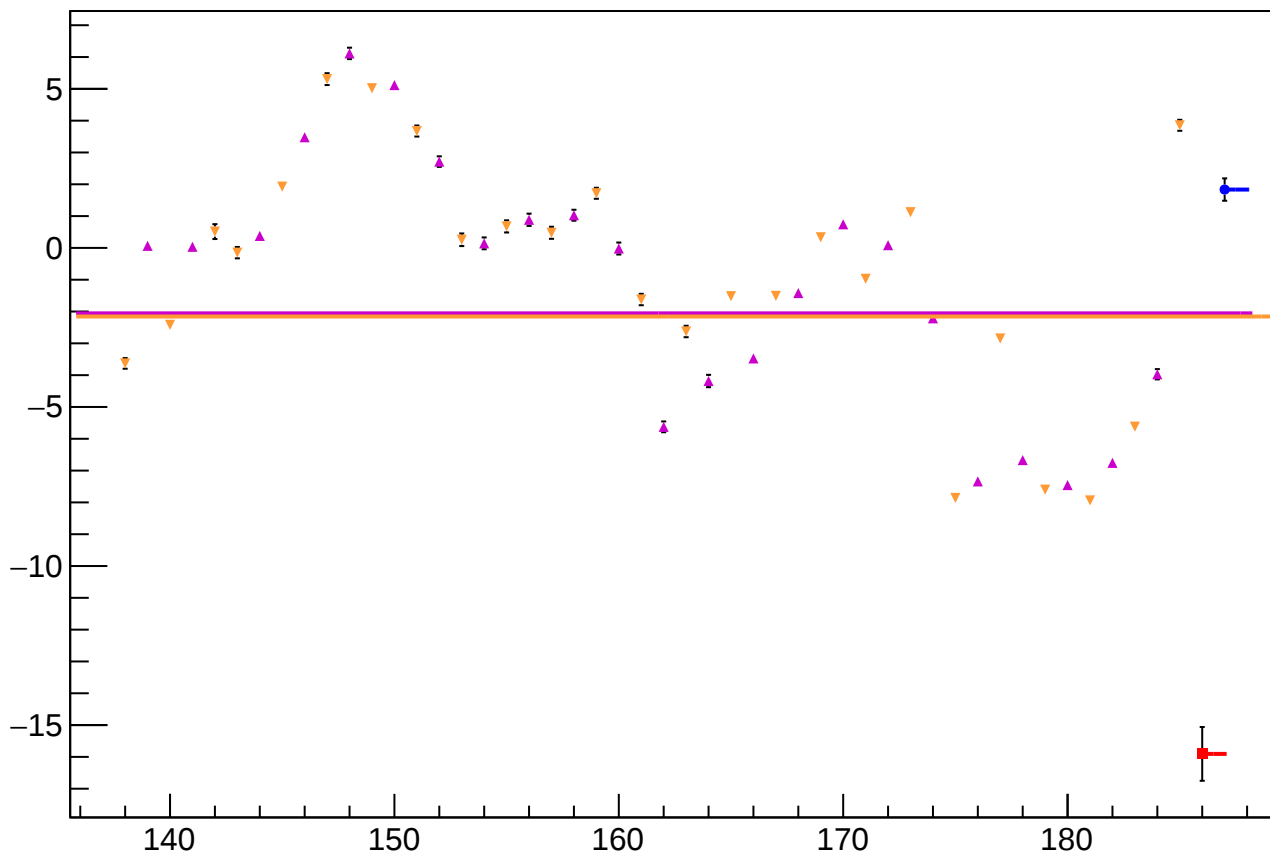
Left In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22

+ sign -0.255 ± 0.003 χ^2/NDF : 1428.9/25

All: -0.247 ± 0.002 χ^2/NDF : 3222.4/49

- sign -0.239 ± 0.003 χ^2/NDF : 1776.7/23

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 1.834+/-0.352 χ^2/NDF : 0.0/0

Left Out: -2.156+/-0.026 χ^2/NDF : 24501.3/24

Right Out: -15.906+/-0.845 χ^2/NDF : 0.0/0

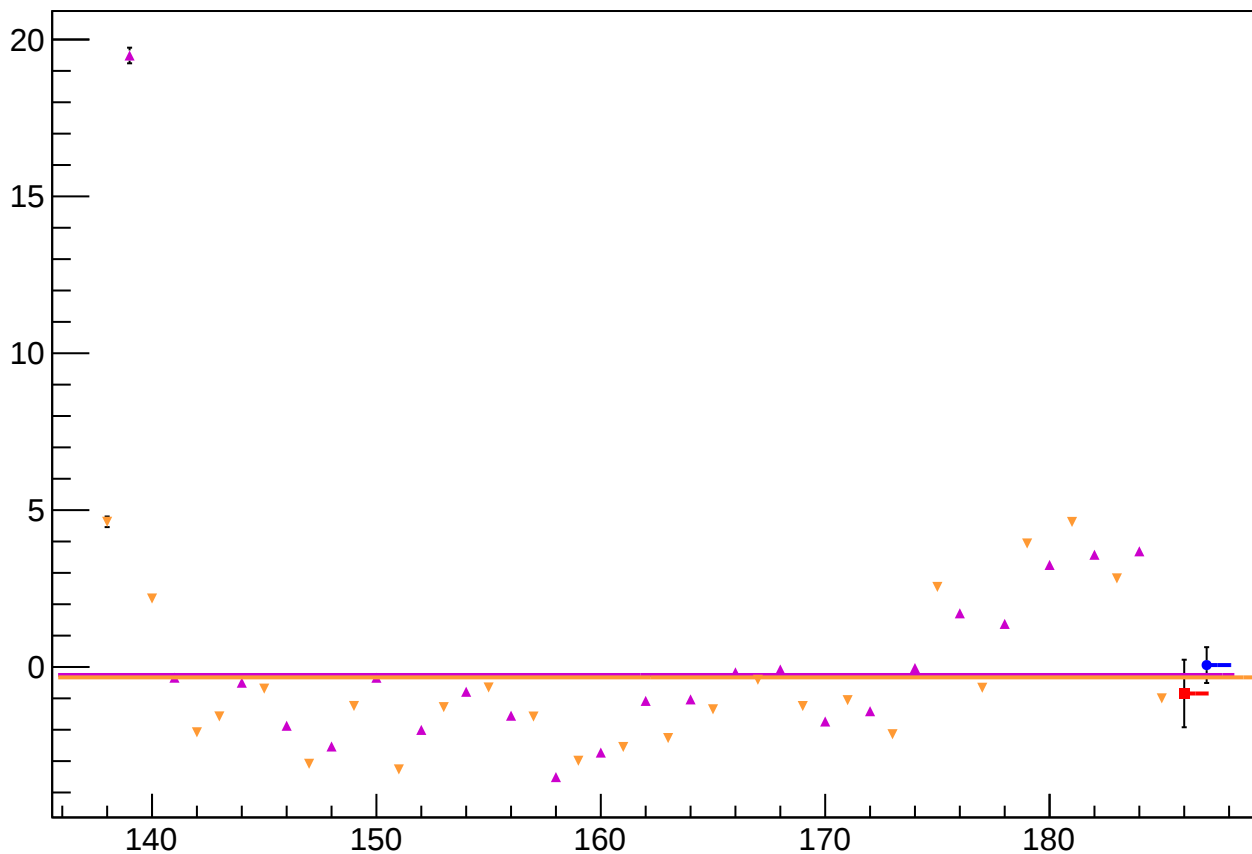
Left In: -2.058+/-0.026 χ^2/NDF : 23343.8/22

+ sign -2.135+/-0.026 χ^2/NDF : 24629.4/25

All: -2.103+/-0.018 χ^2/NDF : 48244.4/49

- sign -2.071+/-0.026 χ^2/NDF : 23611.8/23

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.061+/-0.571 χ^2/NDF : 0.0/0

Left Out: -0.331+/-0.021 χ^2/NDF :12552.3/24

Right Out: -0.845+/-1.076 χ^2/NDF : 0.0/0

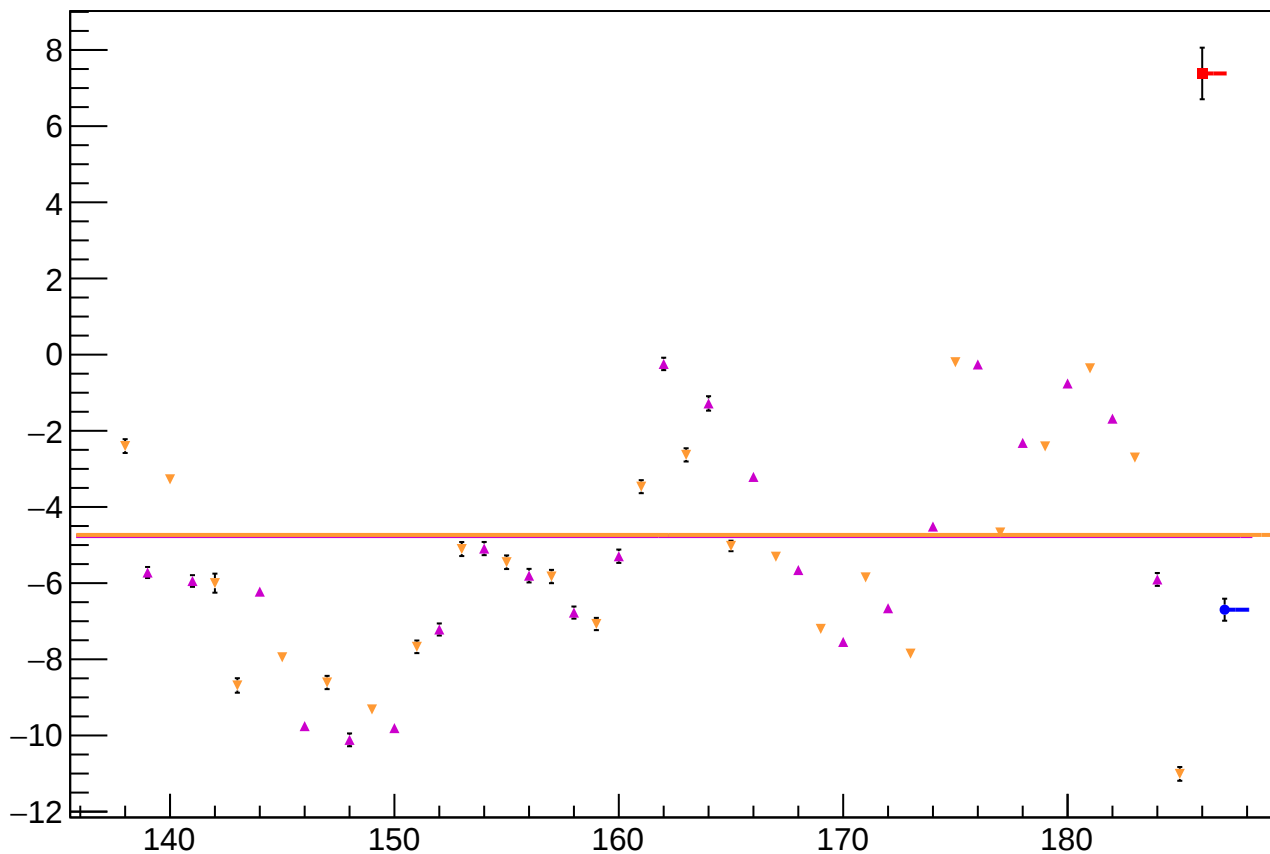
Left In: -0.255+/-0.021 χ^2/NDF :14162.0/22

+ sign -0.330+/-0.021 χ^2/NDF : 12552.8/25

All: -0.293+/-0.015 χ^2/NDF : 26721.7/49

- sign -0.255+/-0.021 χ^2/NDF : 14162.3/23

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -6.698+/-0.289 χ^2/NDF : 0.0/0

Left Out: -4.734+/-0.026 χ^2/NDF :13188.7/24

Right Out: 7.383+/-0.677 χ^2/NDF : 0.0/0

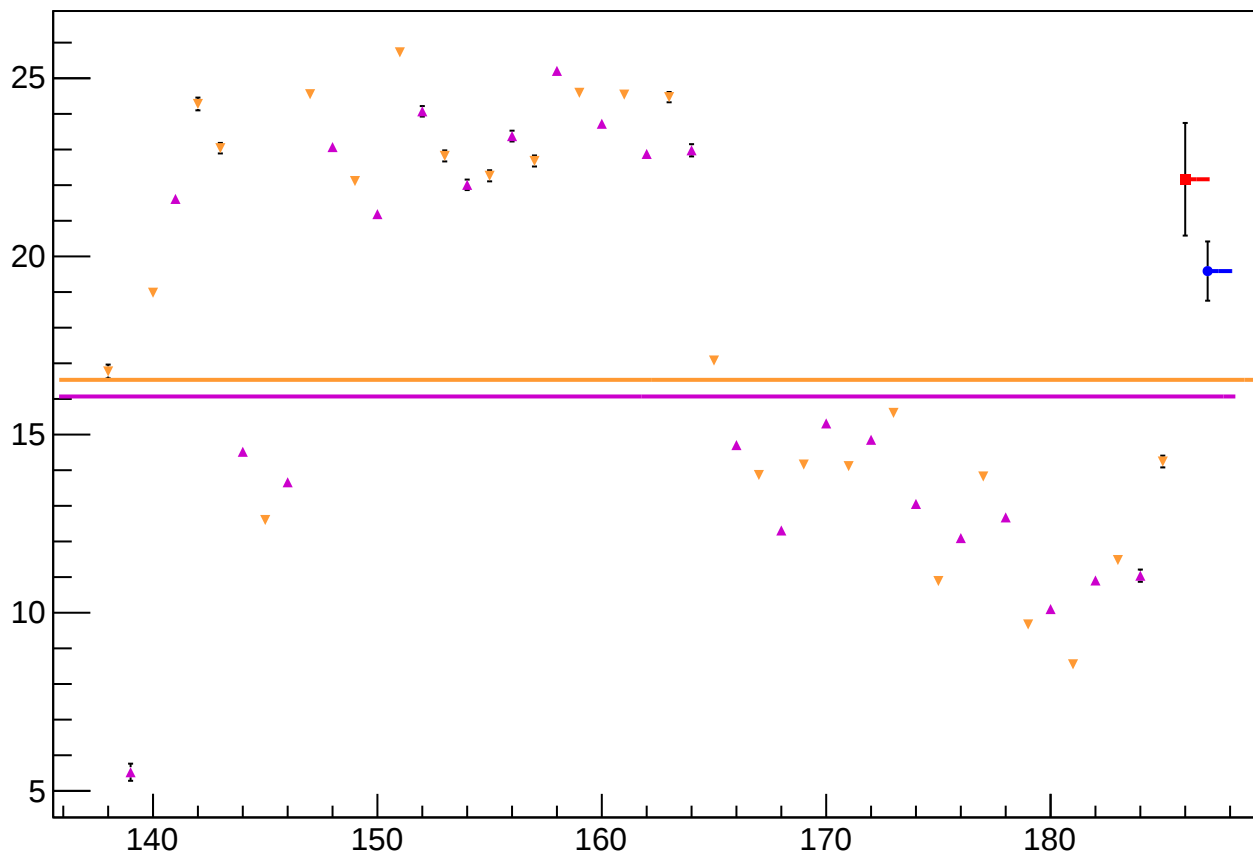
Left In: -4.764+/-0.026 χ^2/NDF :14163.2/22

+ sign -4.750+/-0.026 χ^2/NDF : 13234.4/25

All: -4.748+/-0.018 χ^2/NDF : 27718.9/49

- sign -4.747+/-0.026 χ^2/NDF : 14484.4/23

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 19.589 $\pm$ 0.831 χ^2 /NDF: 0.0/0

Left Out: 16.536 $\pm$ 0.023 χ^2 /NDF:53546.9/24

Right Out: 22.165 $\pm$ 1.581 χ^2 /NDF: 0.0/0

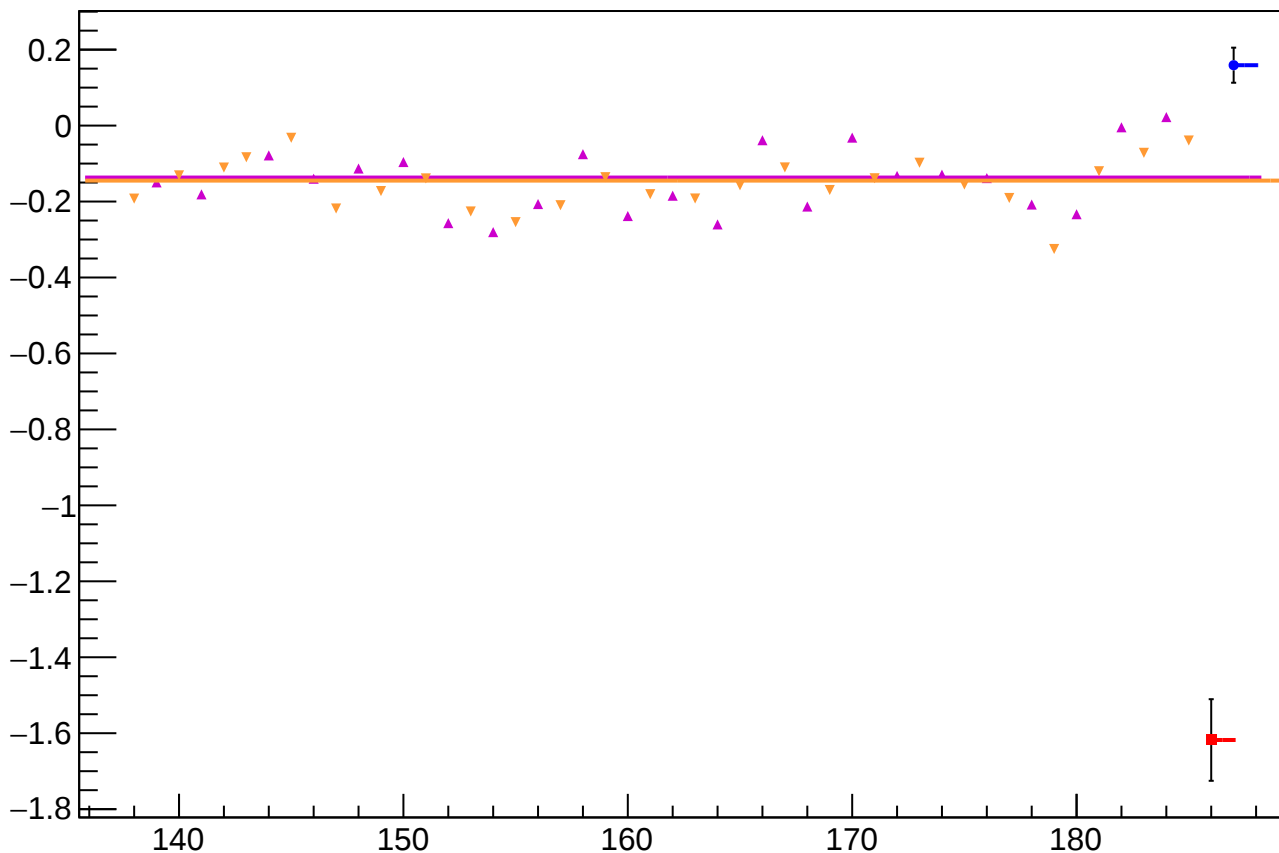
Left In: 16.069 $\pm$ 0.023 χ^2 /NDF:42736.3/22

+ sign 16.539 $\pm$ 0.023 χ^2 /NDF: 53560.4/25

All: 16.307 $\pm$ 0.016 χ^2 /NDF: 96512.9/49

- sign 16.071 $\pm$ 0.023 χ^2 /NDF: 42751.2/23

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.159 $\pm$ 0.046 χ^2 /NDF: 0.0/0

Left Out: -0.145 $\pm$ 0.001 χ^2 /NDF: 3755.1/24

Right Out: -1.618 $\pm$ 0.107 χ^2 /NDF: 0.0/0

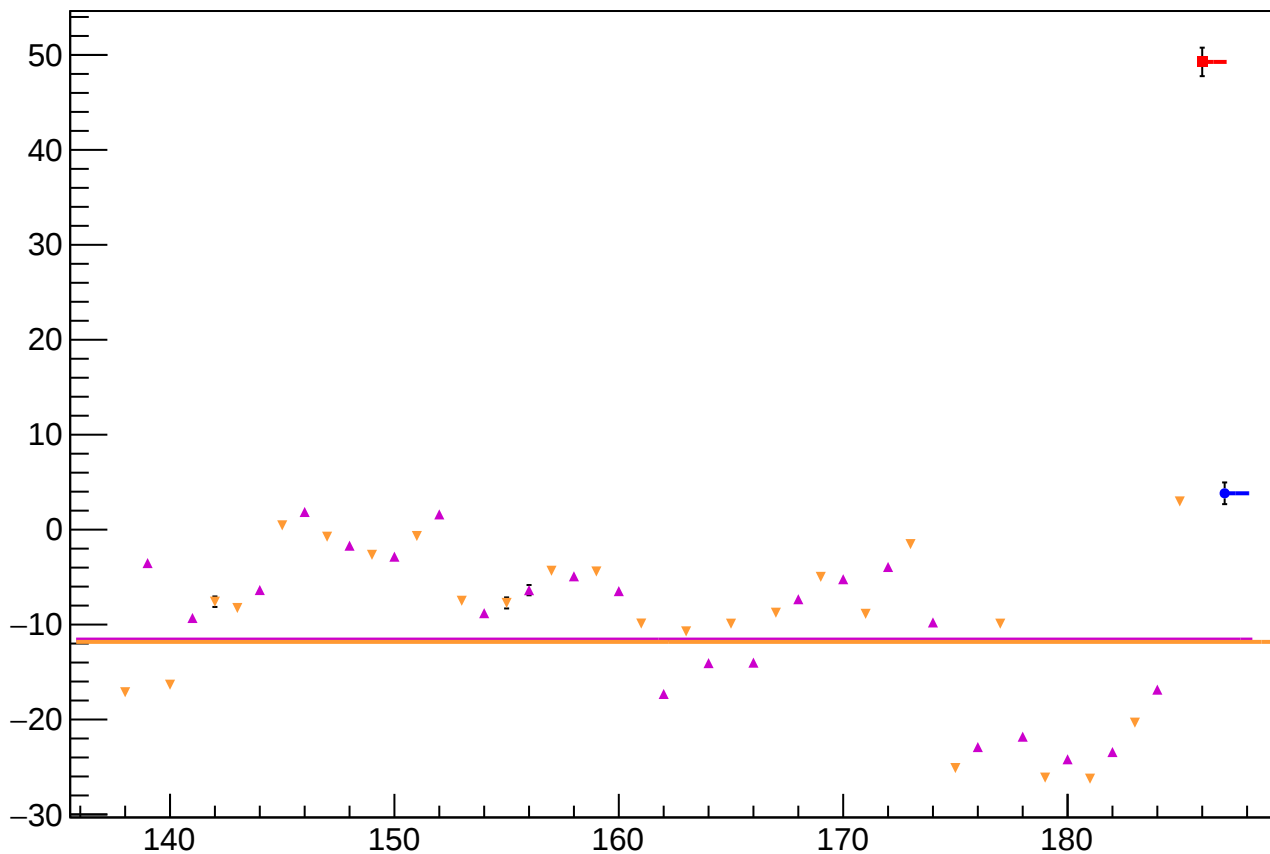
Left In: -0.137 $\pm$ 0.001 χ^2 /NDF: 5383.4/22

+ sign -0.145 $\pm$ 0.001 χ^2 /NDF: 3798.4/25

All: -0.141 $\pm$ 0.001 χ^2 /NDF: 9398.3/49

- sign -0.137 $\pm$ 0.001 χ^2 /NDF: 5573.4/23

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 3.828+/-1.143 χ^2/NDF : 0.0/0

Left Out: -11.823+/-0.070 χ^2/NDF :17277.3/24

Right Out: 49.267+/-1.500 χ^2/NDF : 0.0/0

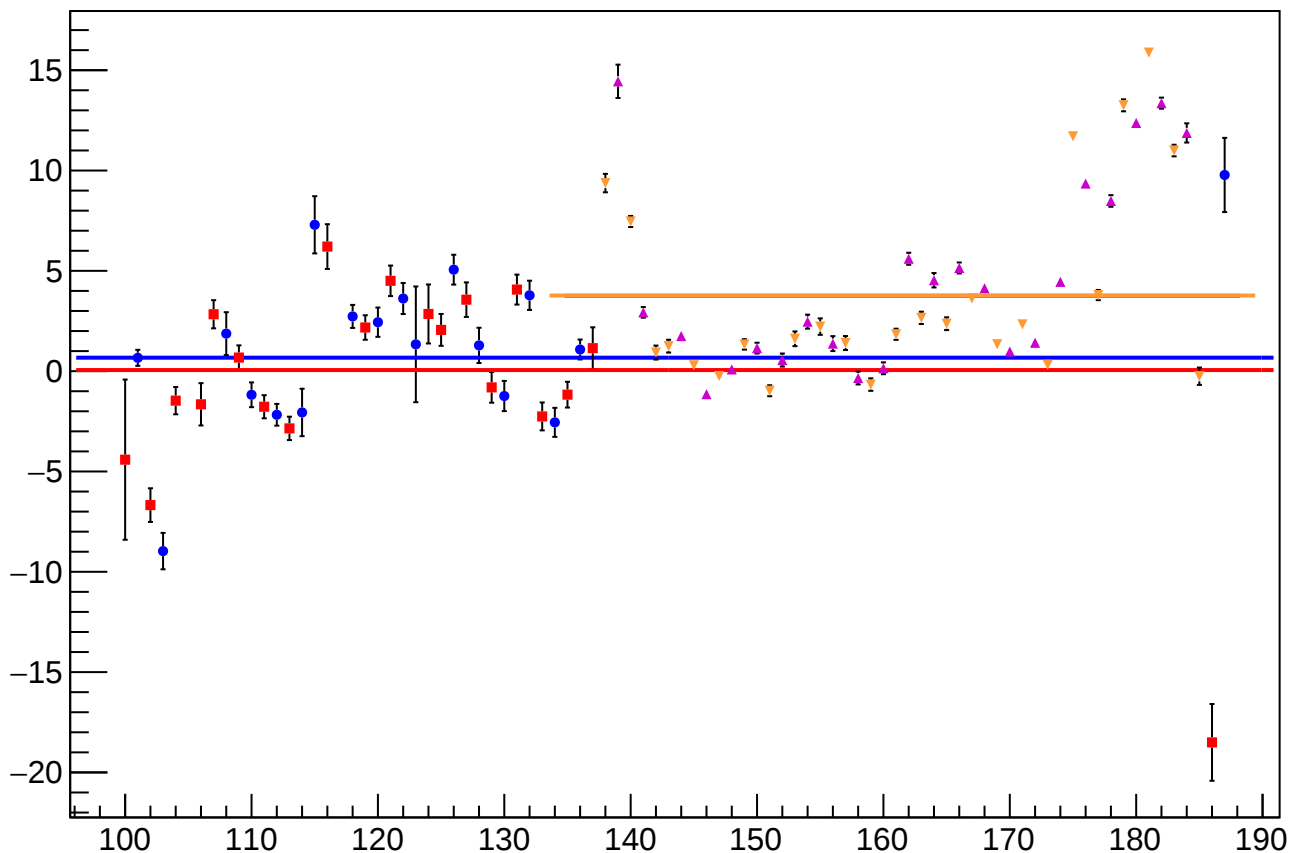
Left In: -11.580+/-0.071 χ^2/NDF :14243.6/22

+ sign -11.763+/-0.070 χ^2/NDF : 17464.1/25

All: -11.605+/-0.050 χ^2/NDF : 33360.2/49

- sign -11.443+/-0.071 χ^2/NDF : 15885.9/23

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.672 ± 0.168 χ^2/NDF : 315.6/17

Left Out: 3.770 ± 0.056 χ^2/NDF : 7420.4/24

Right Out: 0.055 ± 0.174 χ^2/NDF : 368.3/19

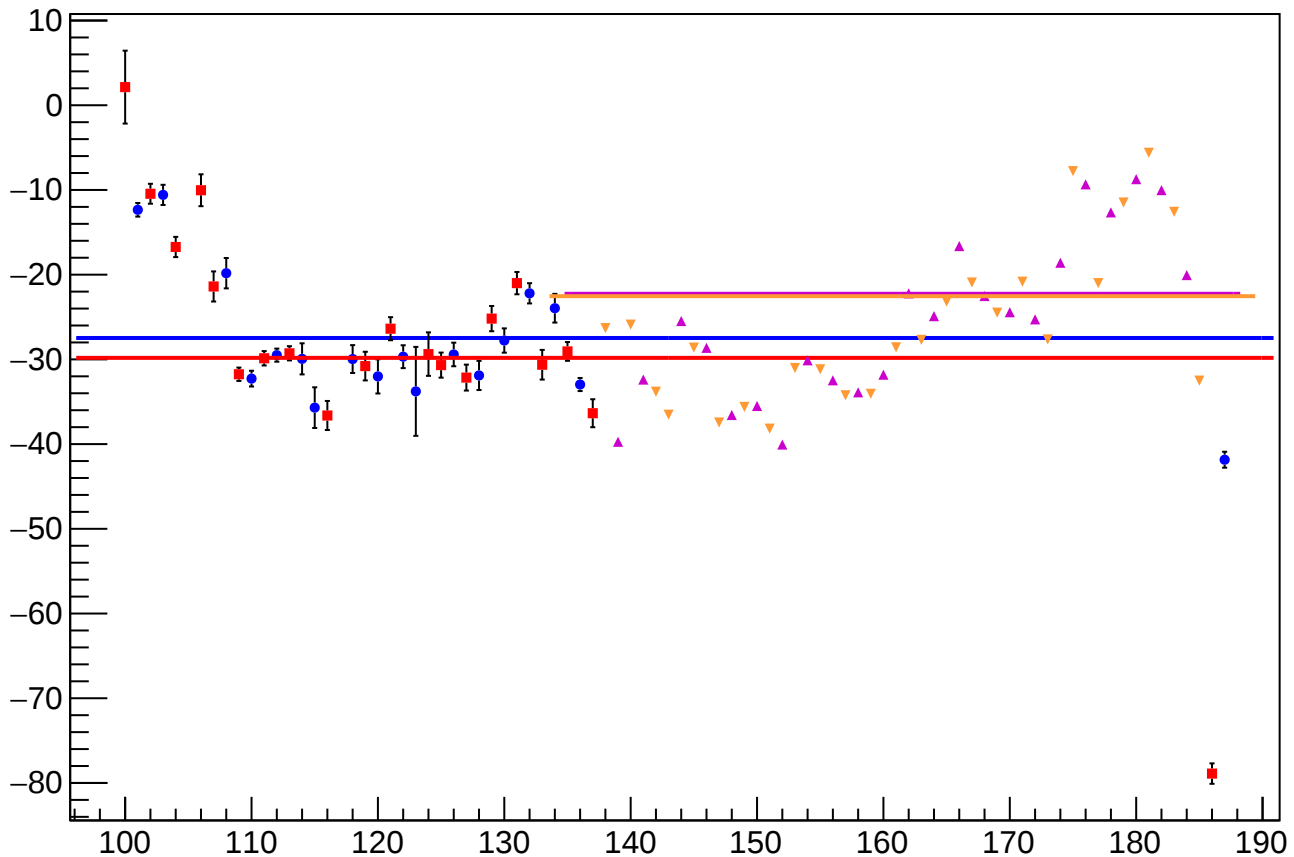
Left In: 3.755 ± 0.056 χ^2/NDF : 5655.2/22

+ sign 3.465 ± 0.053 χ^2/NDF : 8041.6/42

All: 3.434 ± 0.038 χ^2/NDF : 14475.3/85

- sign 3.403 ± 0.054 χ^2/NDF : 6433.0/42

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -27.473 ± 0.285 χ^2/NDF : 950.7/17

Left Out: -22.540 ± 0.071 χ^2/NDF : 19751.6/24

Right Out: -29.819 ± 0.289 χ^2/NDF : 2340.6/19

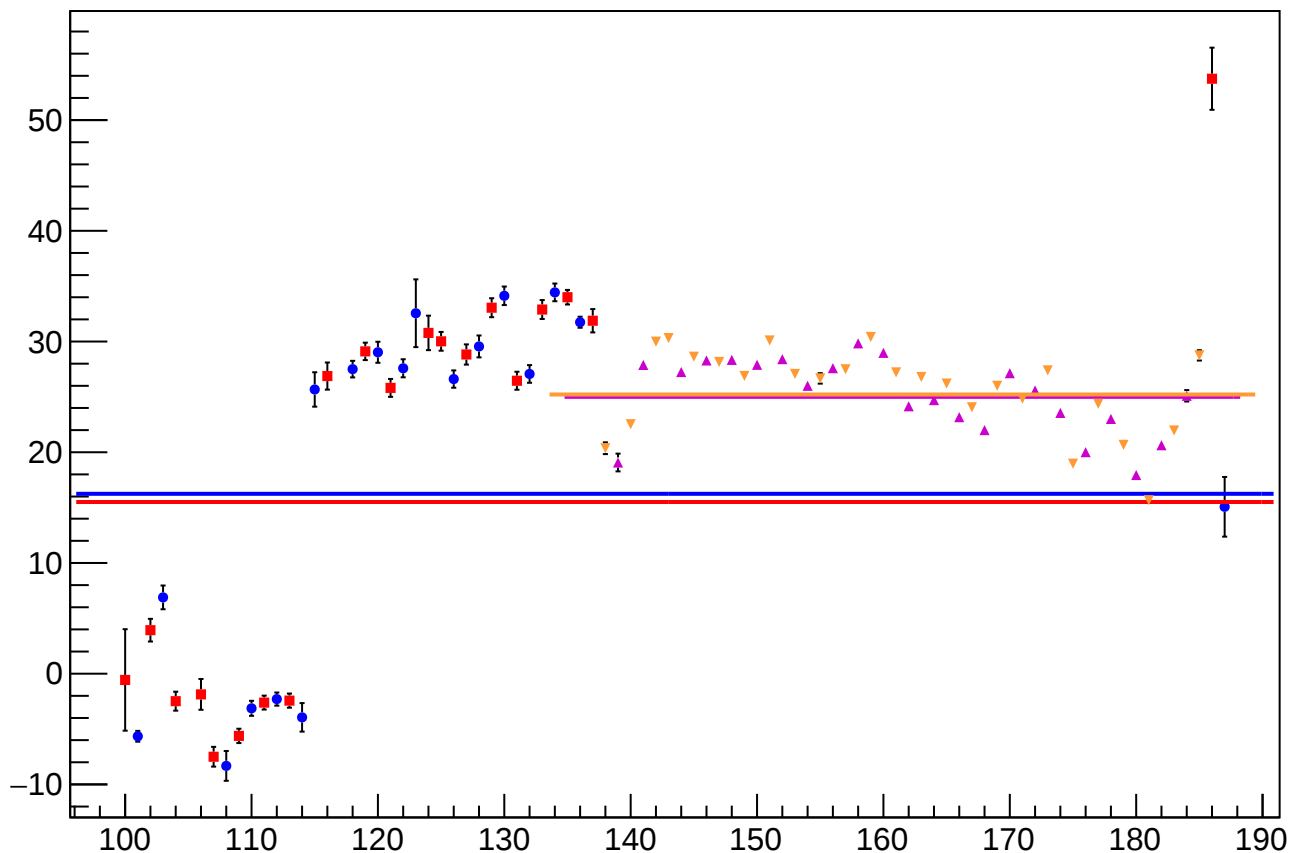
Left In: -22.258 ± 0.071 χ^2/NDF : 17838.4/22

+ sign -22.826 ± 0.069 χ^2/NDF : 20983.7/42

All: -22.760 ± 0.049 χ^2/NDF : 41810.4/85

- sign -22.693 ± 0.069 χ^2/NDF : 20824.8/42

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.247 ± 0.191 $\chi^2/\text{NDF}: 7611.5/17$

Left Out: 25.216 ± 0.063 $\chi^2/\text{NDF}: 3738.3/24$

Right Out: 15.506 ± 0.197 $\chi^2/\text{NDF}: 7466.6/19$

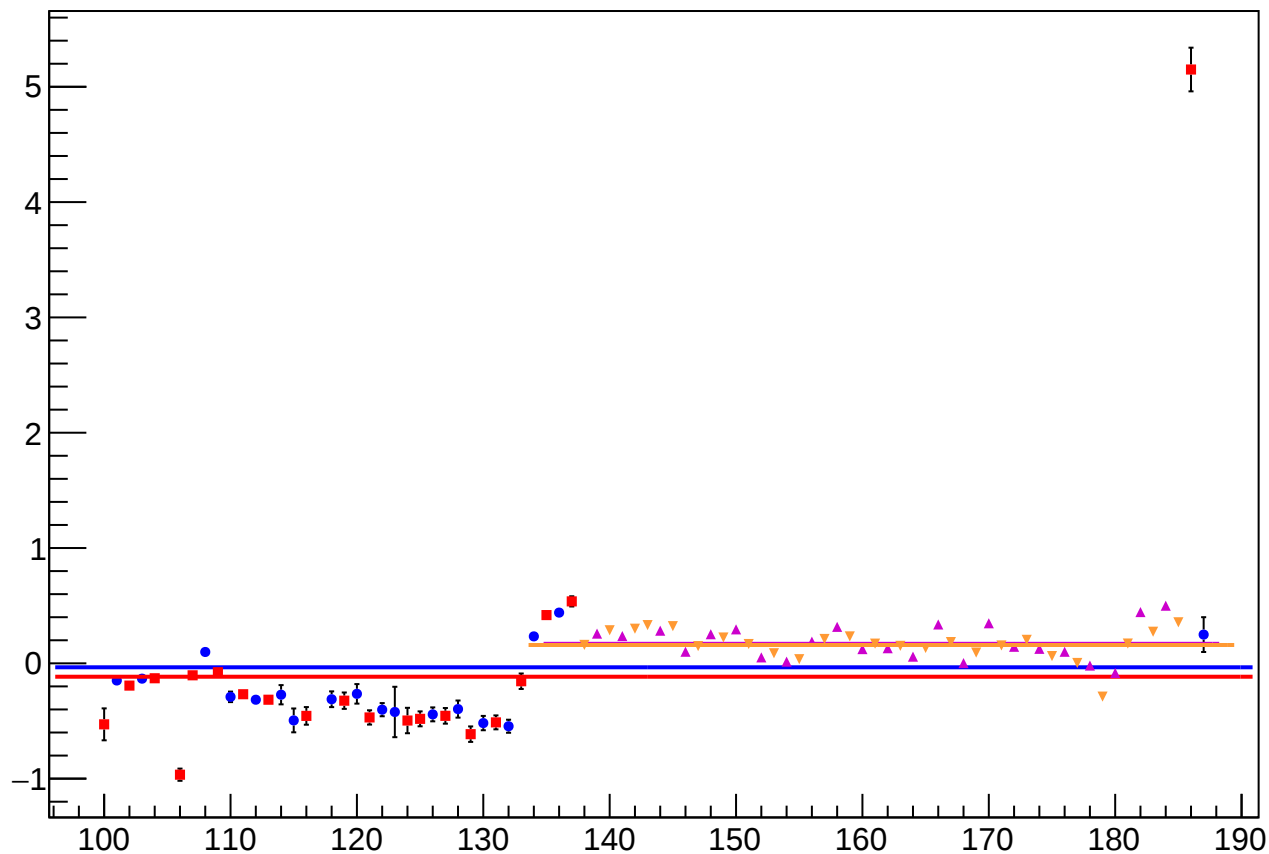
Left In: 25.005 ± 0.064 $\chi^2/\text{NDF}: 2733.7/22$

+ sign 24.339 ± 0.060 $\chi^2/\text{NDF}: 13348.5/42$

All: 24.223 ± 0.042 $\chi^2/\text{NDF}: 25671.3/85$

- sign 24.104 ± 0.061 $\chi^2/\text{NDF}: 12315.2/42$

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.034 ± 0.010 χ^2/NDF : 1018.0/17

Left Out: 0.159 ± 0.003 χ^2/NDF : 1856.8/24

Right Out: -0.116 ± 0.010 χ^2/NDF : 1946.6/19

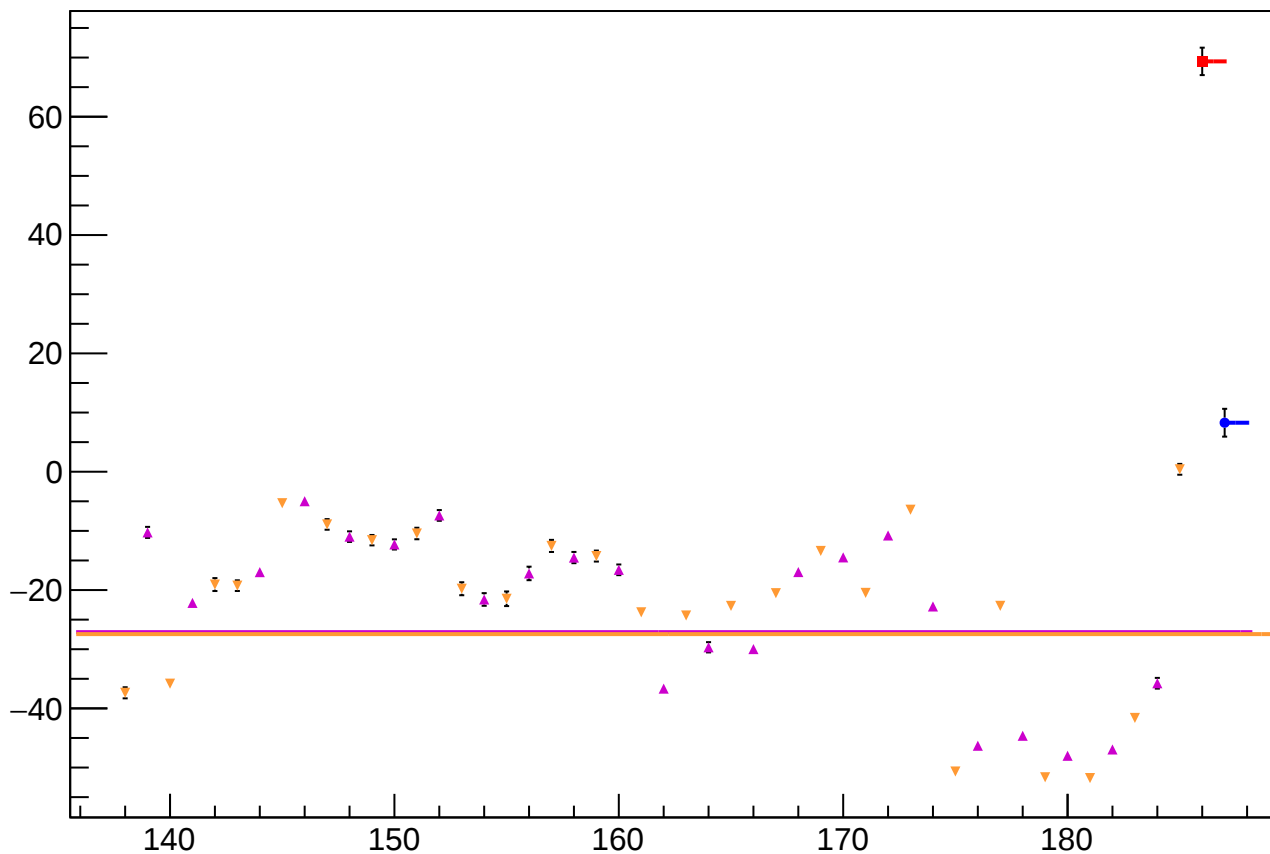
Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

+ sign 0.145 ± 0.003 χ^2/NDF : 3202.4/42

All: 0.147 ± 0.002 χ^2/NDF : 8285.9/85

- sign 0.148 ± 0.003 χ^2/NDF : 5082.8/42

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: 8.281 ± 2.351 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -27.447 ± 0.137 $\chi^2/\text{NDF}: 14820.6/24$

Right Out: 69.353 ± 2.317 $\chi^2/\text{NDF}: 0.0/0$

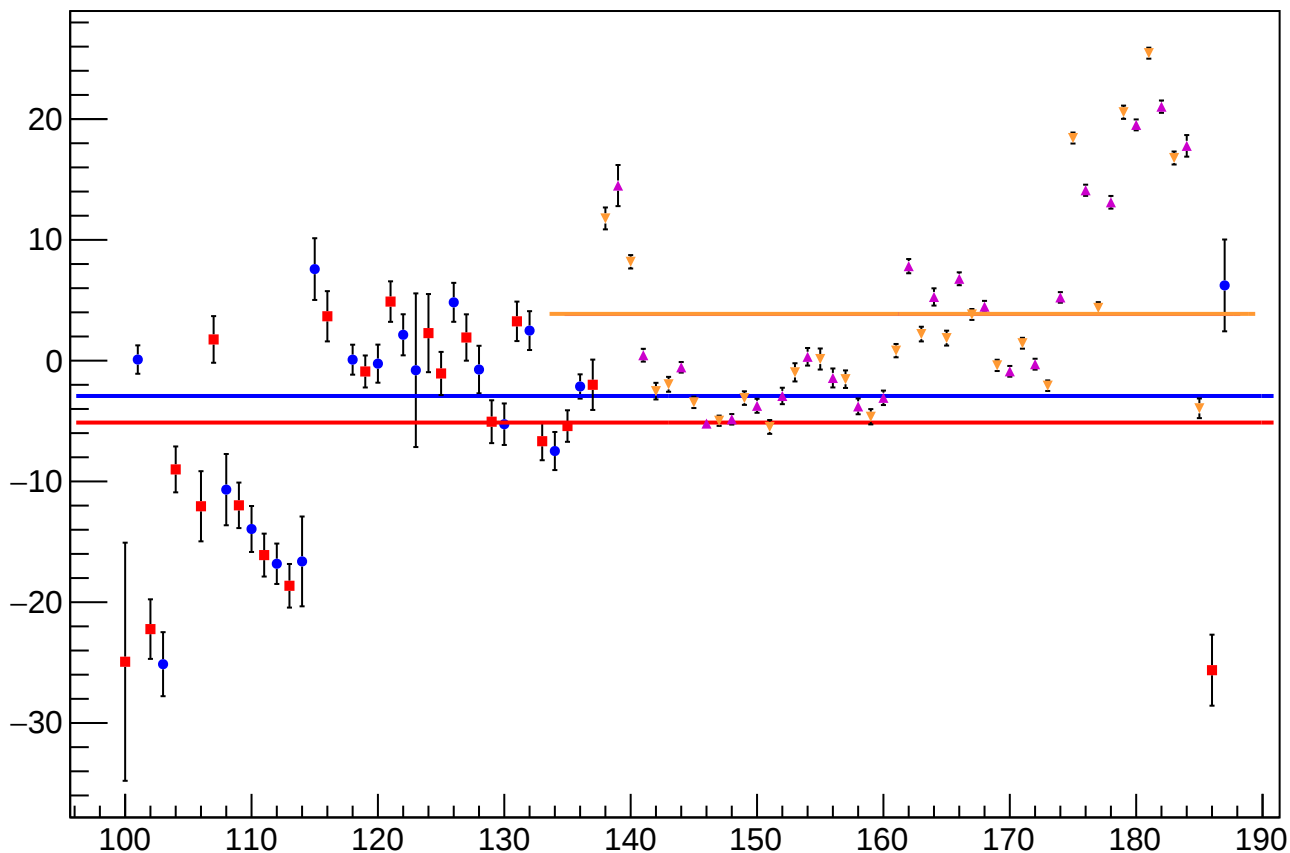
Left In: -27.114 ± 0.139 $\chi^2/\text{NDF}: 11443.8/22$

+ sign -27.326 ± 0.137 $\chi^2/\text{NDF}: 15050.9/25$

All: -27.051 ± 0.097 $\chi^2/\text{NDF}: 28229.4/49$

- sign -26.770 ± 0.138 $\chi^2/\text{NDF}: 13170.4/23$

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -2.925 ± 0.405 $\chi^2/\text{NDF}: 286.7/17$

Left Out: 3.873 ± 0.109 $\chi^2/\text{NDF}: 6906.0/24$

Right Out: -5.126 ± 0.422 $\chi^2/\text{NDF}: 347.9/19$

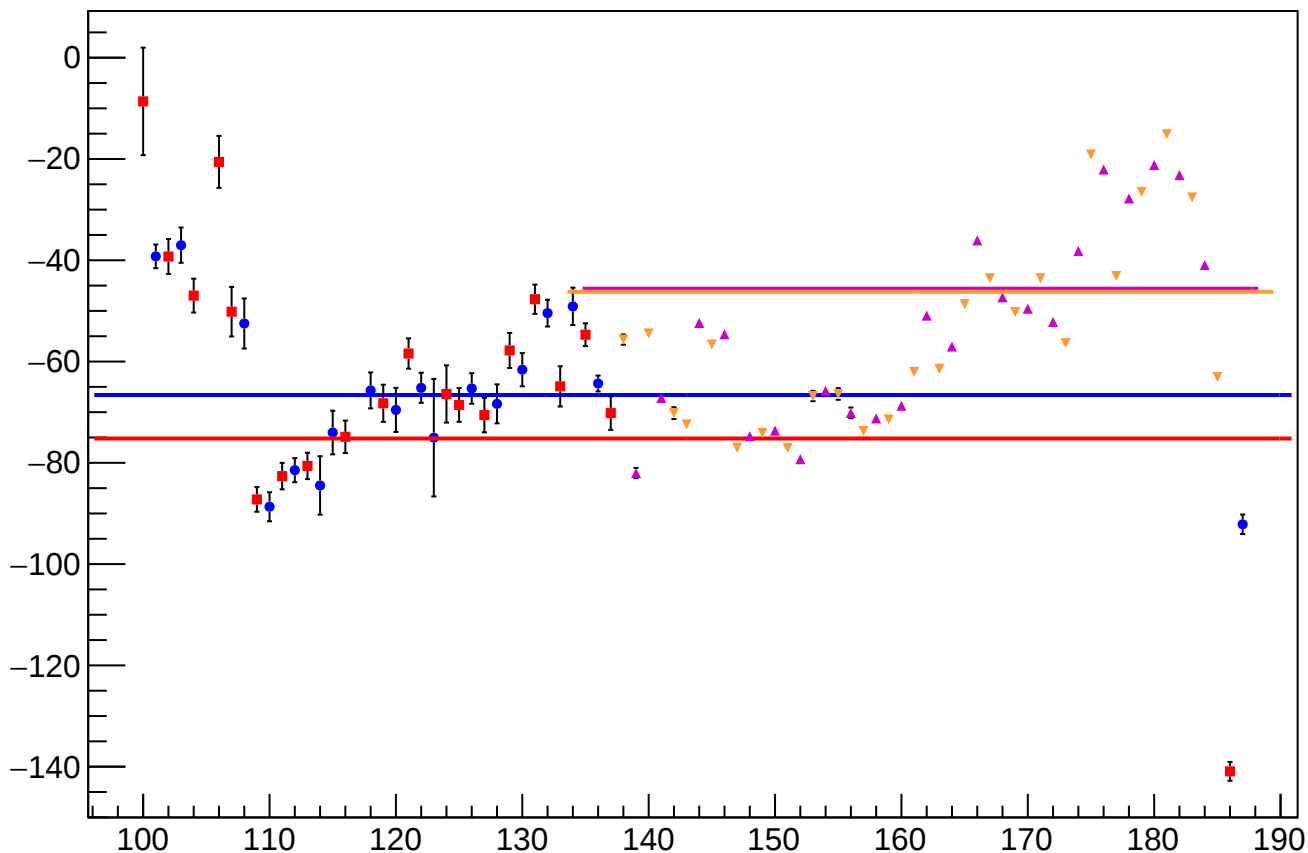
Left In: 3.861 ± 0.111 $\chi^2/\text{NDF}: 5438.4/22$

+ sign 3.410 ± 0.106 $\chi^2/\text{NDF}: 7455.0/42$

All: 3.347 ± 0.075 $\chi^2/\text{NDF}: 13665.9/85$

- sign 3.282 ± 0.107 $\chi^2/\text{NDF}: 6210.1/42$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -66.610 ± 0.689 χ^2/NDF : 568.8/17

Left Out: -46.213 ± 0.138 χ^2/NDF : 19981.0/24

Right Out: -75.195 ± 0.697 χ^2/NDF : 1892.1/19

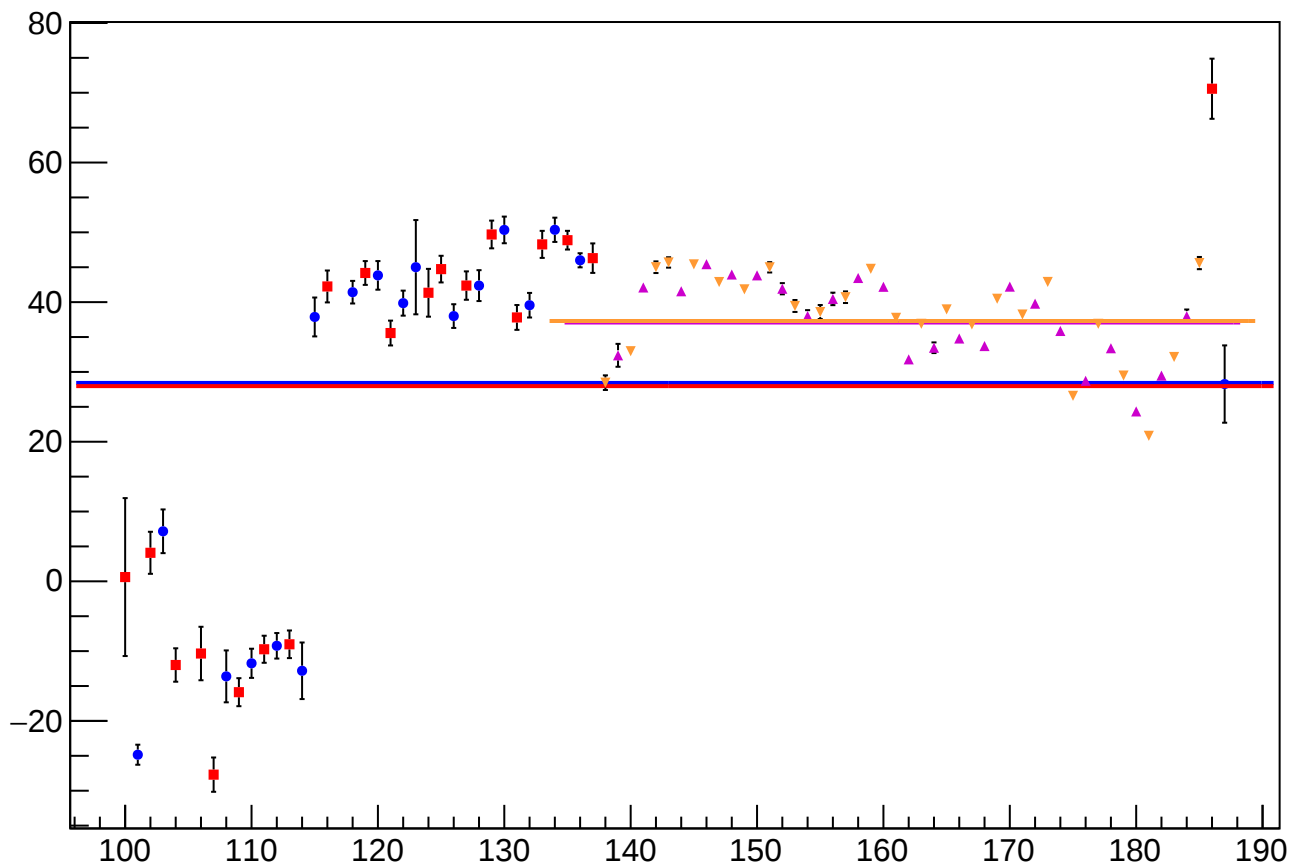
Left In: -45.616 ± 0.139 χ^2/NDF : 17743.8/22

+ sign -47.001 ± 0.135 χ^2/NDF : 21391.4/42

All: -46.877 ± 0.096 χ^2/NDF : 42762.3/85

- sign -46.751 ± 0.136 χ^2/NDF : 21369.2/42

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.424+/-0.456 χ^2/NDF : 3330.3/17

Left Out: 37.298+/-0.123 χ^2/NDF :3113.0/24

Right Out: 27.967+/-0.476 χ^2/NDF : 3132.0/19

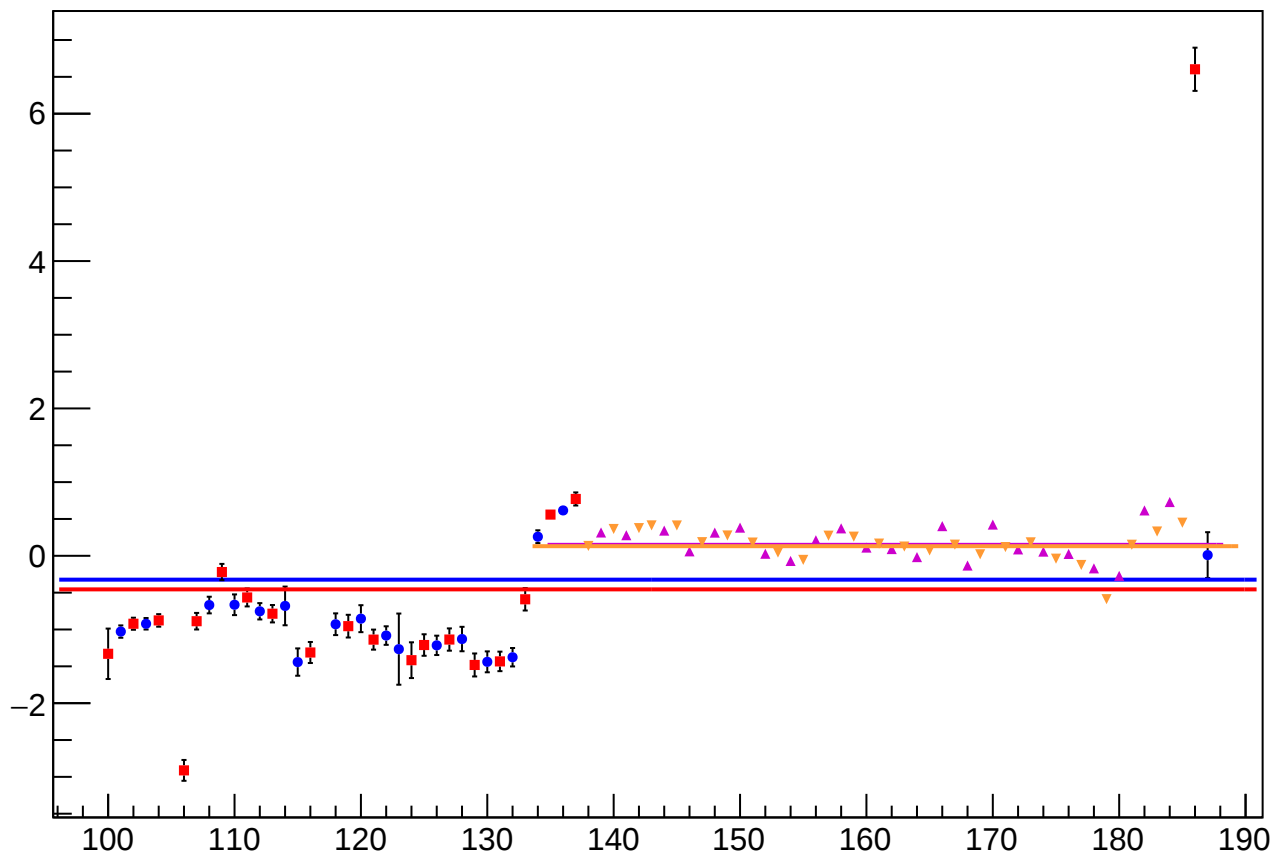
Left In: 37.079+/-0.125 χ^2/NDF :2405.4/22

+ sign 36.694+/-0.119 χ^2/NDF : 6797.0/42

All: 36.595+/-0.085 χ^2/NDF : 12679.1/85

- sign 36.494+/-0.121 χ^2/NDF : 5880.7/42

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.324 ± 0.025 χ^2/NDF : 1014.2/17

Left Out: 0.130 ± 0.006 χ^2/NDF : 1419.7/24

Right Out: -0.456 ± 0.026 χ^2/NDF : 1753.3/19

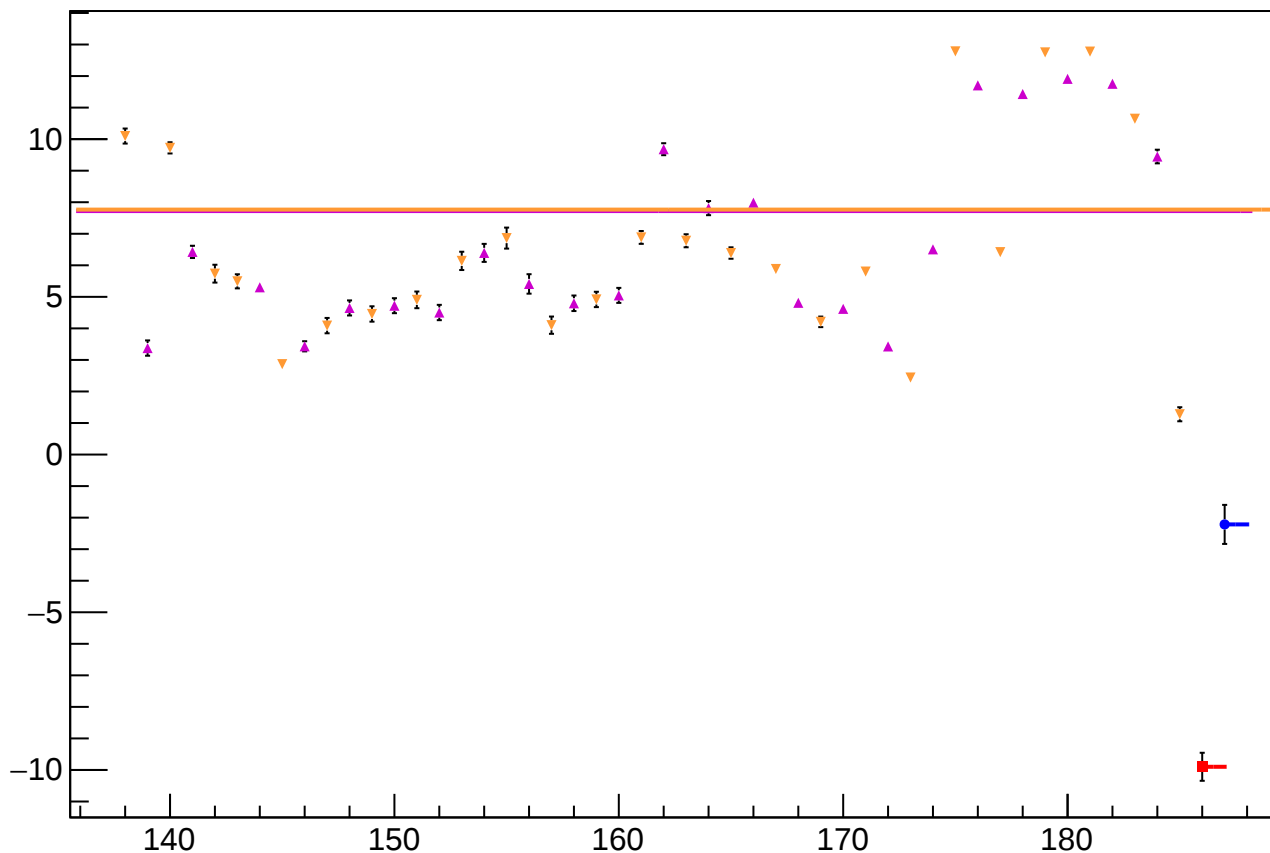
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ sign 0.108 ± 0.005 χ^2/NDF : 2752.3/42

All: 0.114 ± 0.004 χ^2/NDF : 6852.7/85

- sign 0.120 ± 0.006 χ^2/NDF : 4098.0/42

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: -2.215 ± 0.619 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 7.766 ± 0.034 $\chi^2/\text{NDF}: 11703.8/24$

Right Out: -9.899 ± 0.444 $\chi^2/\text{NDF}: 0.0/0$

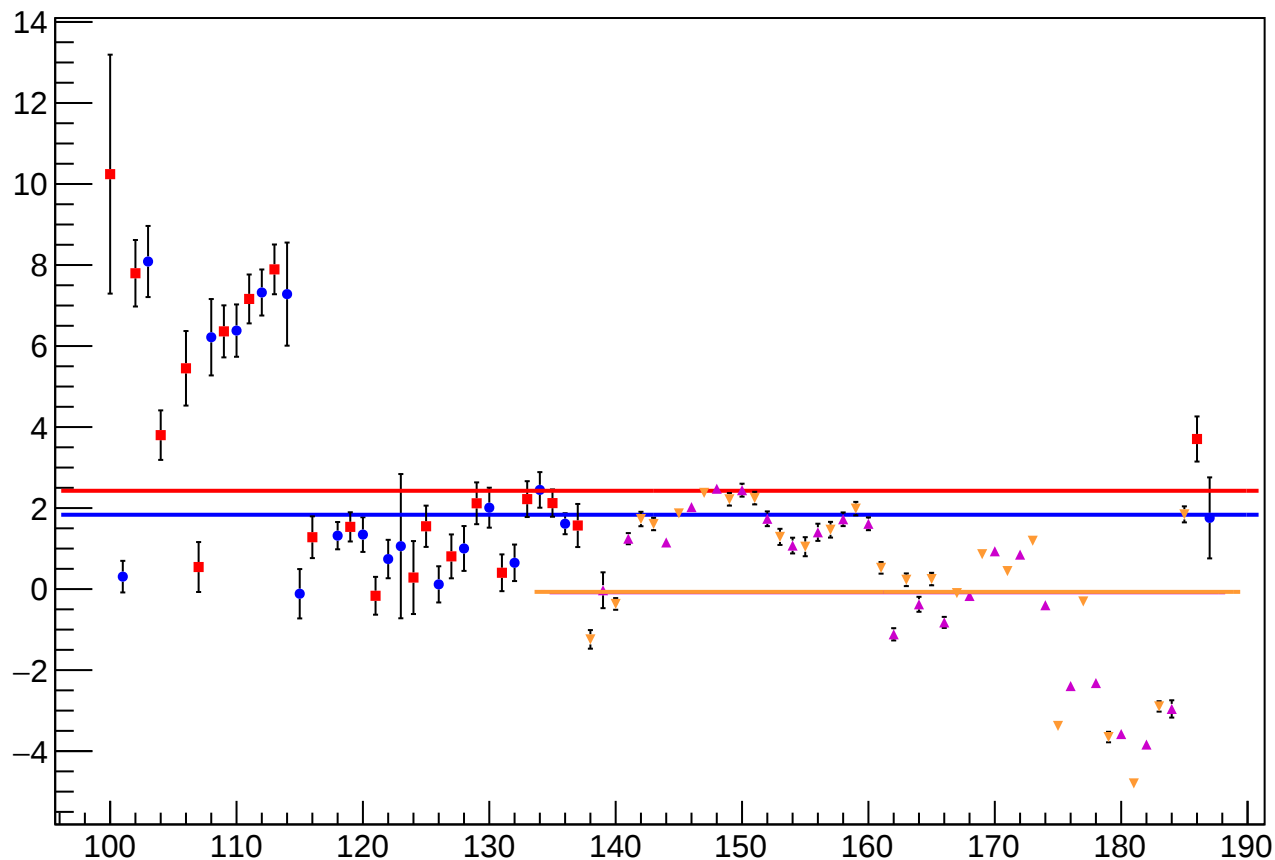
Left In: 7.719 ± 0.035 $\chi^2/\text{NDF}: 8490.5/22$

+ sign 7.735 ± 0.034 $\chi^2/\text{NDF}: 11963.0/25$

All: 7.674 ± 0.024 $\chi^2/\text{NDF}: 22023.1/49$

- sign 7.611 ± 0.035 $\chi^2/\text{NDF}: 10053.7/23$

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.835 ± 0.115 χ^2/NDF : 294.9/17

Left Out: -0.069 ± 0.028 χ^2/NDF : 6033.5/24

Right Out: 2.427 ± 0.120 χ^2/NDF : 341.9/19

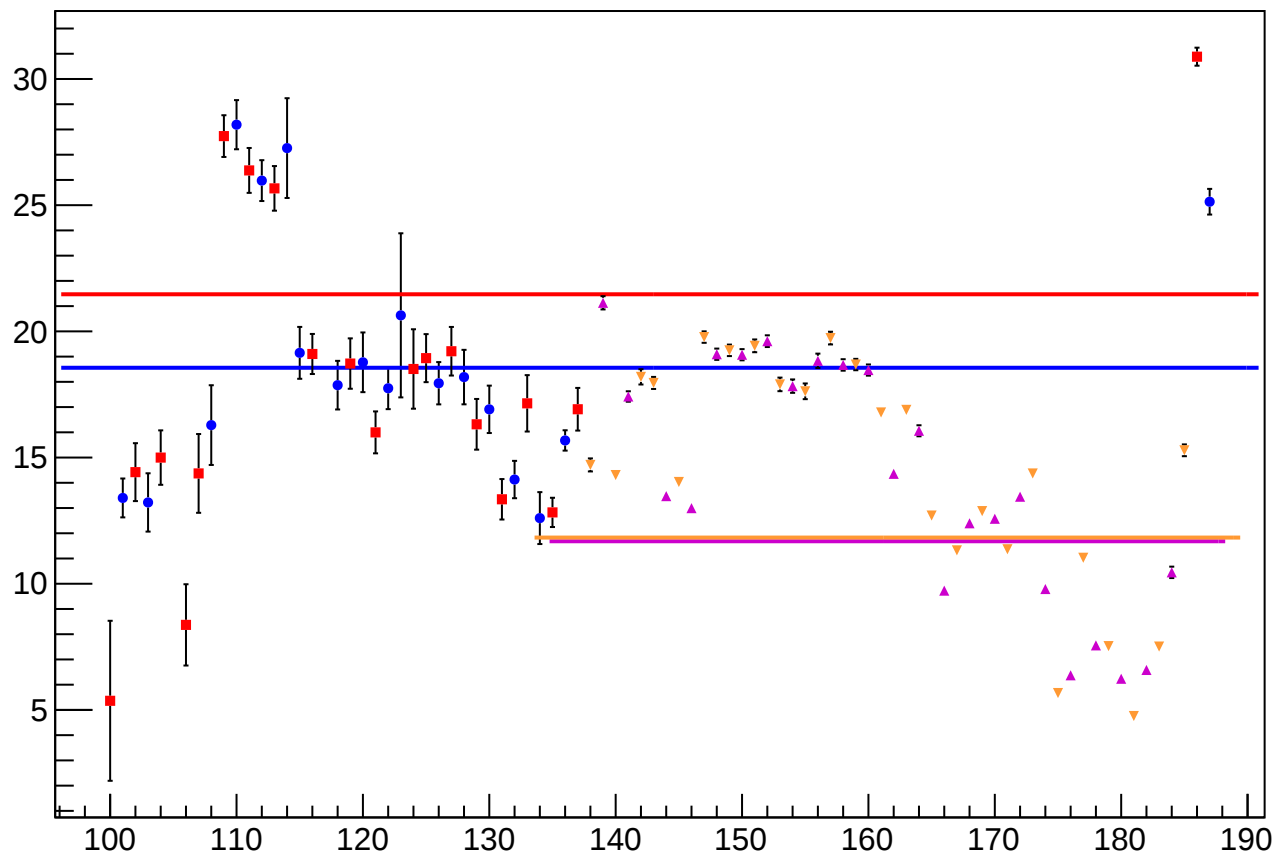
Left In: -0.079 ± 0.028 χ^2/NDF : 4989.1/22

+ sign 0.036 ± 0.027 χ^2/NDF : 6586.1/42

All: 0.044 ± 0.019 χ^2/NDF : 12332.1/85

- sign 0.052 ± 0.027 χ^2/NDF : 5745.8/42

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.558 ± 0.195 χ^2/NDF : 563.0/17

Left Out: 11.830 ± 0.035 χ^2/NDF : 19032.5/24

Right Out: 21.470 ± 0.187 χ^2/NDF : 1463.4/19

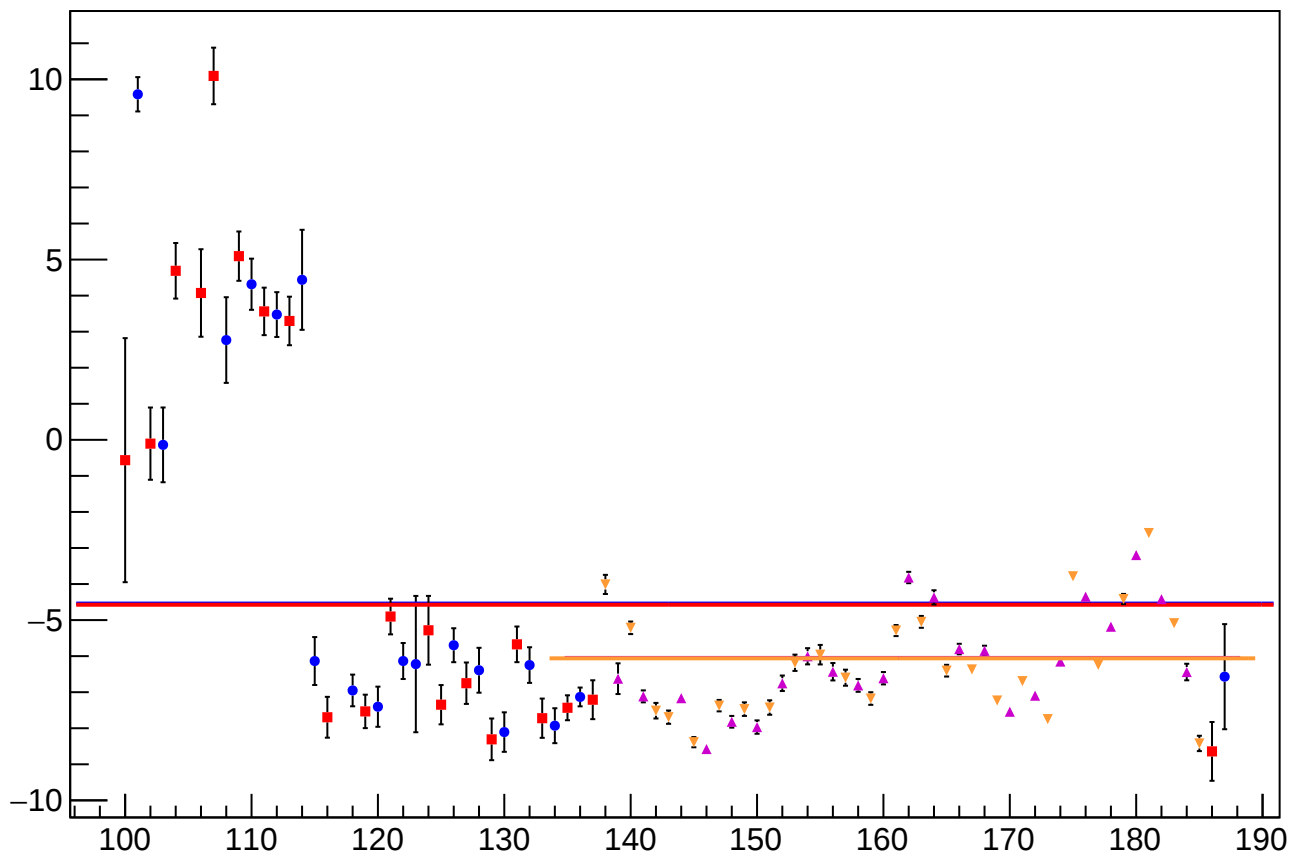
Left In: 11.683 ± 0.035 χ^2/NDF : 16927.3/22

+ sign 12.036 ± 0.034 χ^2/NDF : 20744.1/42

All: 12.026 ± 0.024 χ^2/NDF : 41791.3/85

- sign 12.017 ± 0.034 χ^2/NDF : 21047.0/42

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.542 ± 0.129 χ^2/NDF : 1592.1/17

Left Out: -6.061 ± 0.031 χ^2/NDF : 2649.3/24

Right Out: -4.574 ± 0.135 χ^2/NDF : 1364.5/19

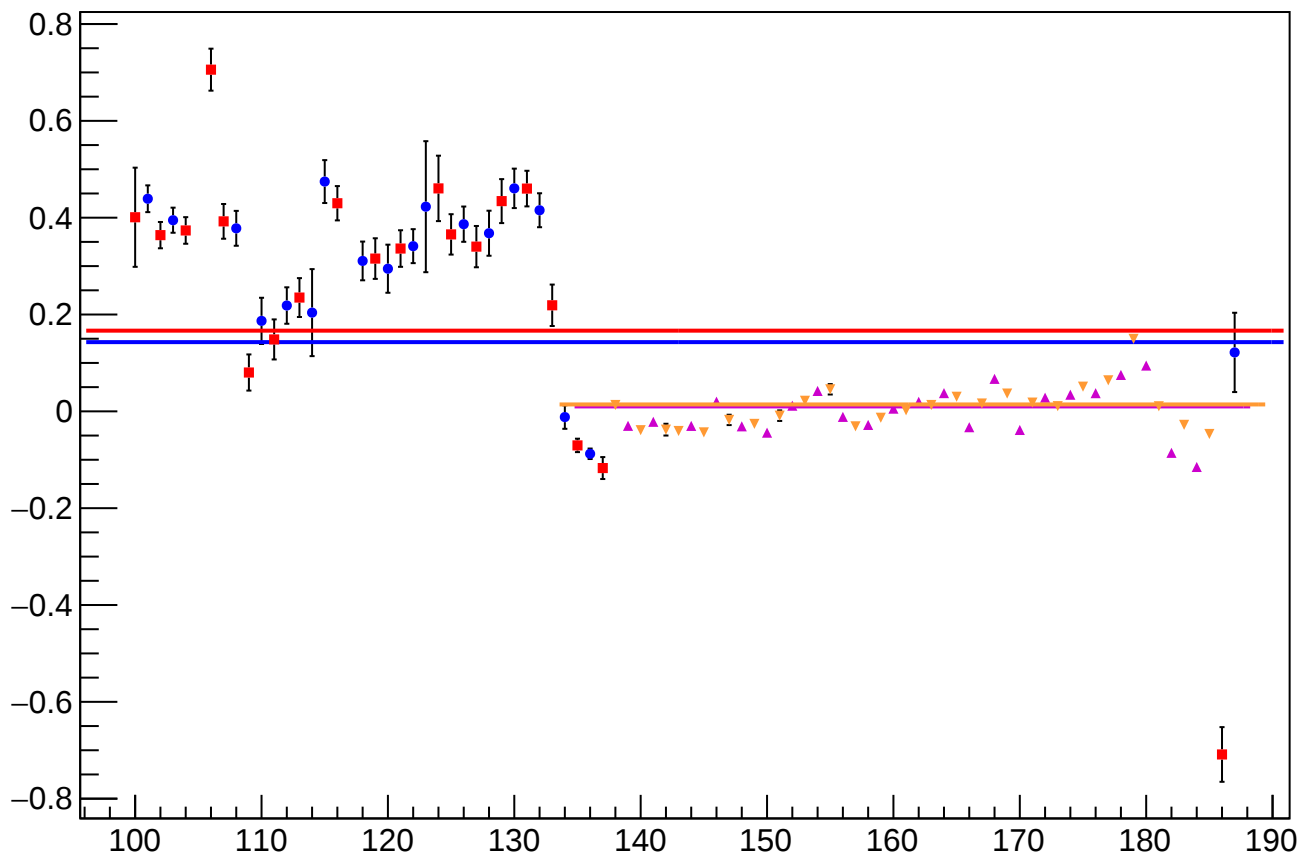
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.977 ± 0.030 χ^2/NDF : 4372.3/42

All: -5.975 ± 0.022 χ^2/NDF : 8153.3/85

- sign -5.973 ± 0.031 χ^2/NDF : 3781.0/42

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1060.4/17

Left Out: 0.014 $\pm$ 0.001 χ^2 /NDF: 950.9/24

Right Out: 0.167 $\pm$ 0.007 χ^2 /NDF: 1252.2/19

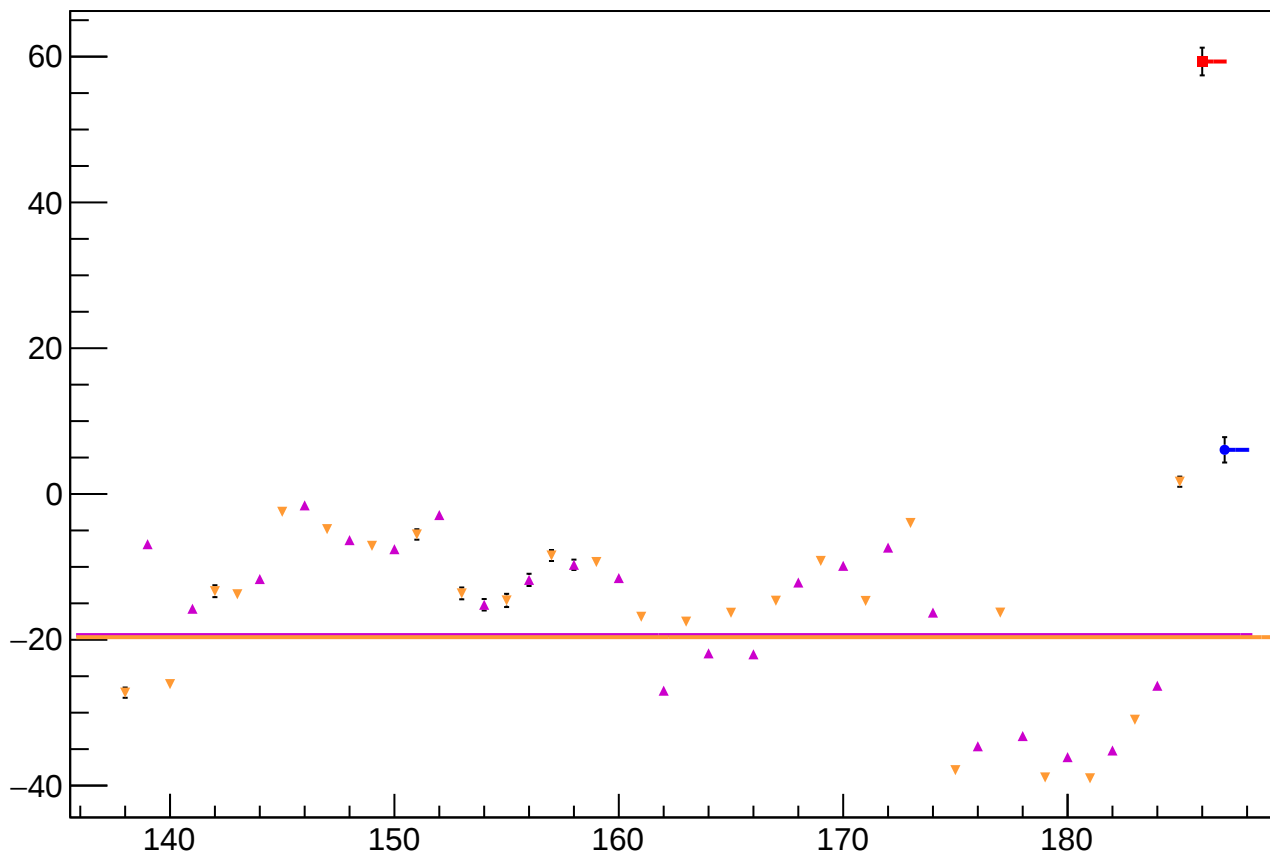
Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 1224.5/22

+ sign 0.019 $\pm$ 0.001 χ^2 /NDF: 2333.7/42

All: 0.018 $\pm$ 0.001 χ^2 /NDF: 5252.7/85

- sign 0.016 $\pm$ 0.001 χ^2 /NDF: 2916.2/42

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: 6.059 $\pm$ 1.741 χ^2 /NDF: 0.0/0

Left Out: -19.642 $\pm$ 0.103 χ^2 /NDF:15730.6/24

Right Out: 59.330 $\pm$ 1.901 χ^2 /NDF: 0.0/0

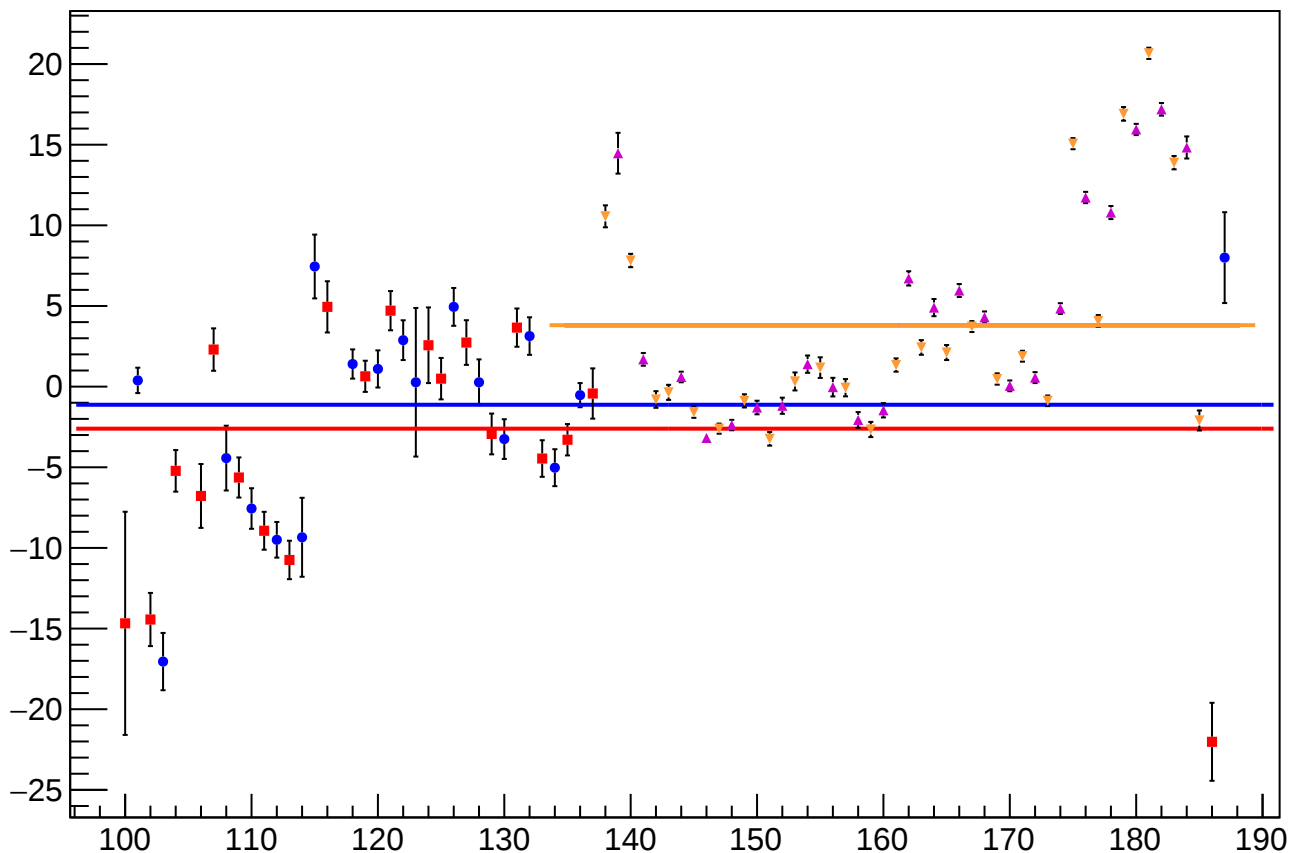
Left In: -19.355 $\pm$ 0.105 χ^2 /NDF:12417.1/22

+ sign -19.552 $\pm$ 0.103 χ^2 /NDF: 15947.7/25

All: -19.338 $\pm$ 0.073 χ^2 /NDF: 30082.2/49

- sign -19.118 $\pm$ 0.104 χ^2 /NDF: 14125.8/23

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.123 ± 0.288 χ^2/NDF : 289.2/17

Left Out: 3.811 ± 0.082 χ^2/NDF : 7118.3/24

Right Out: -2.606 ± 0.300 χ^2/NDF : 351.7/19

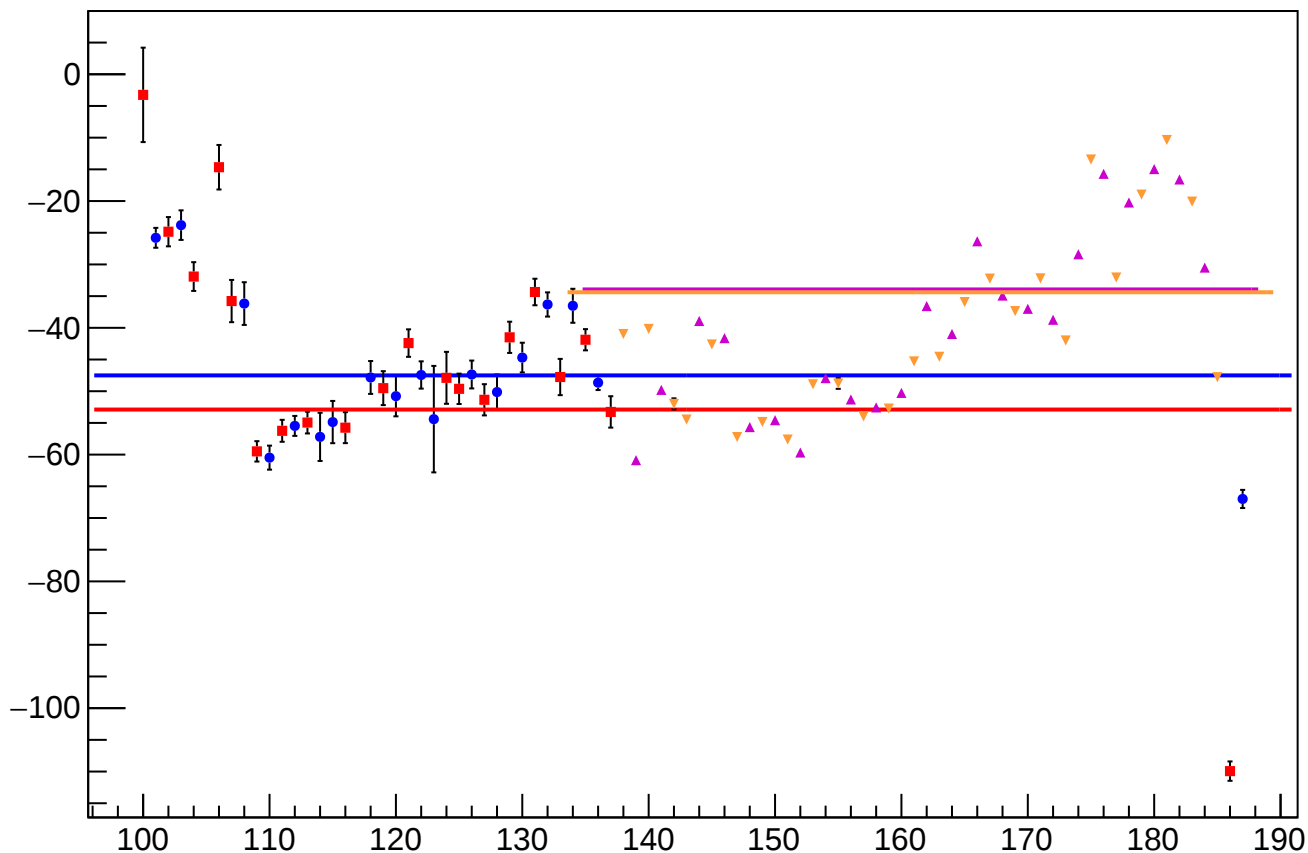
Left In: 3.795 ± 0.083 χ^2/NDF : 5534.4/22

+ sign 3.440 ± 0.079 χ^2/NDF : 7678.0/42

All: 3.389 ± 0.056 χ^2/NDF : 13987.4/85

- sign 3.337 ± 0.080 χ^2/NDF : 6308.6/42

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -47.505 ± 0.491 χ^2/NDF : 631.3/17

Left Out: -34.389 ± 0.104 χ^2/NDF : 20032.2/24

Right Out: -52.892 ± 0.499 χ^2/NDF : 2015.0/19

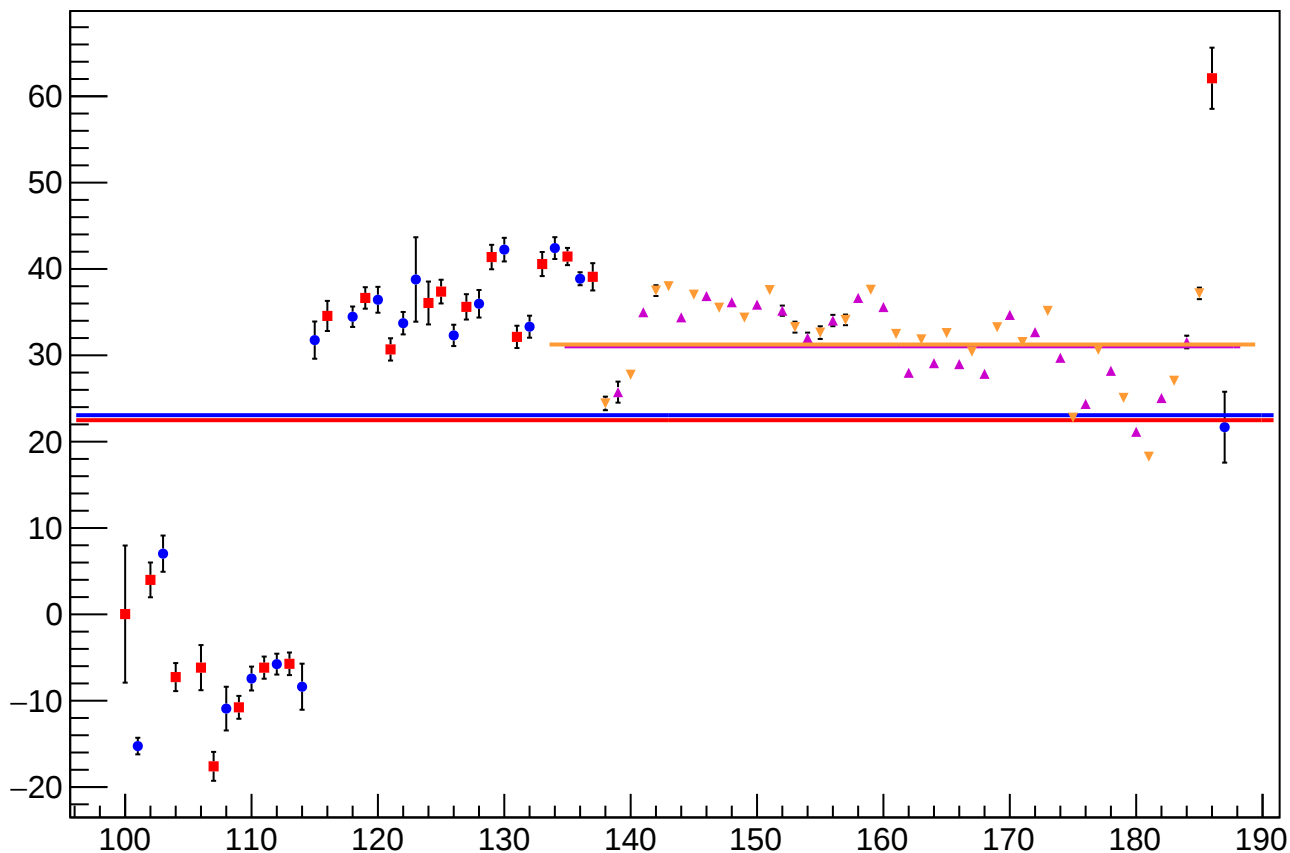
Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

+ sign -34.954 ± 0.102 χ^2/NDF : 21346.7/42

All: -34.851 ± 0.072 χ^2/NDF : 42598.6/85

- sign -34.746 ± 0.103 χ^2/NDF : 21249.8/42

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.064 $\pm$ 0.325 χ^2 /NDF: 4346.1/17

Left Out: 31.252 $\pm$ 0.093 χ^2 /NDF: 3305.3/24

Right Out: 22.487 $\pm$ 0.338 χ^2 /NDF: 4160.5/19

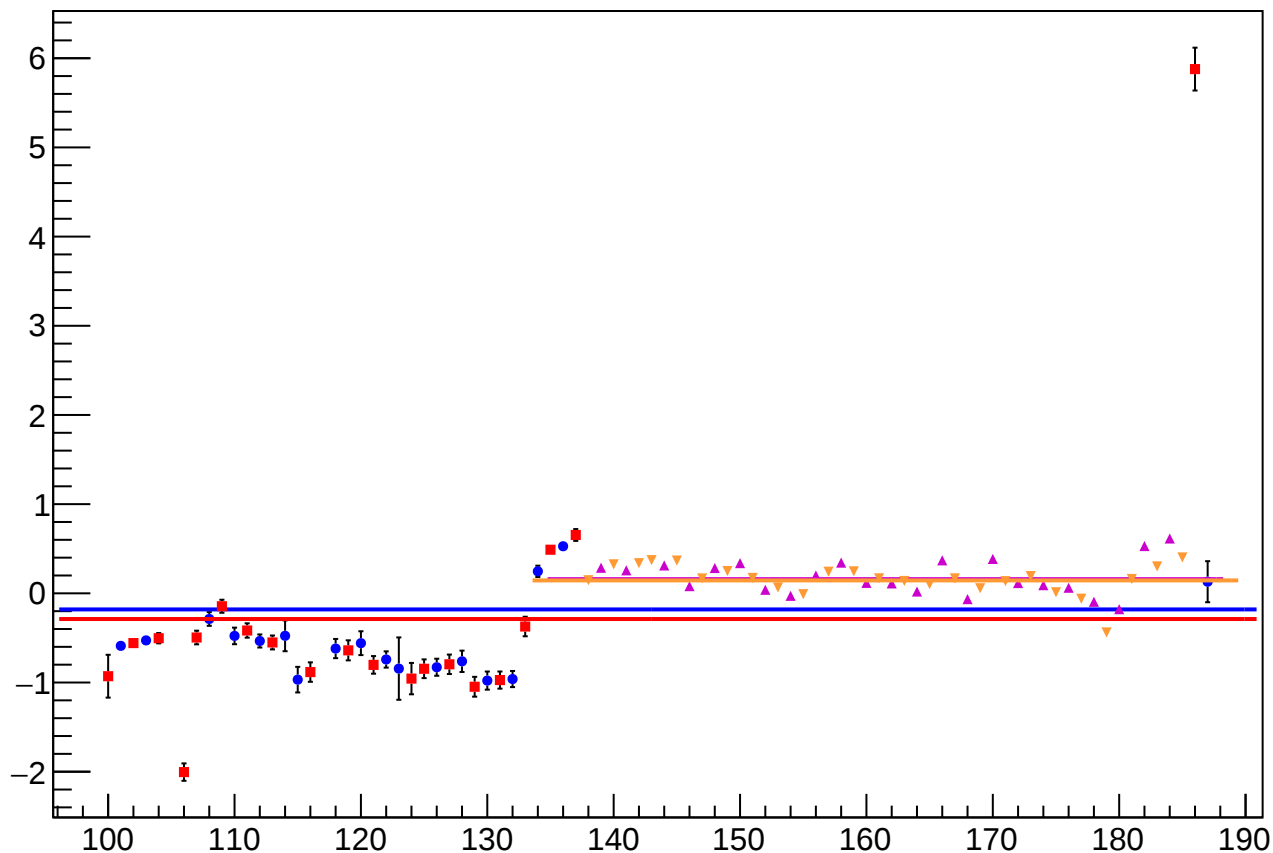
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF: 2488.6/22

+ sign 30.638 $\pm$ 0.089 χ^2 /NDF: 8238.5/42

All: 30.535 $\pm$ 0.063 χ^2 /NDF: 15483.8/85

- sign 30.429 $\pm$ 0.090 χ^2 /NDF: 7242.6/42

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180 ± 0.018 χ^2/NDF : 999.9/17

Left Out: 0.145 ± 0.004 χ^2/NDF : 1572.6/24

Right Out: -0.288 ± 0.018 χ^2/NDF : 1846.8/19

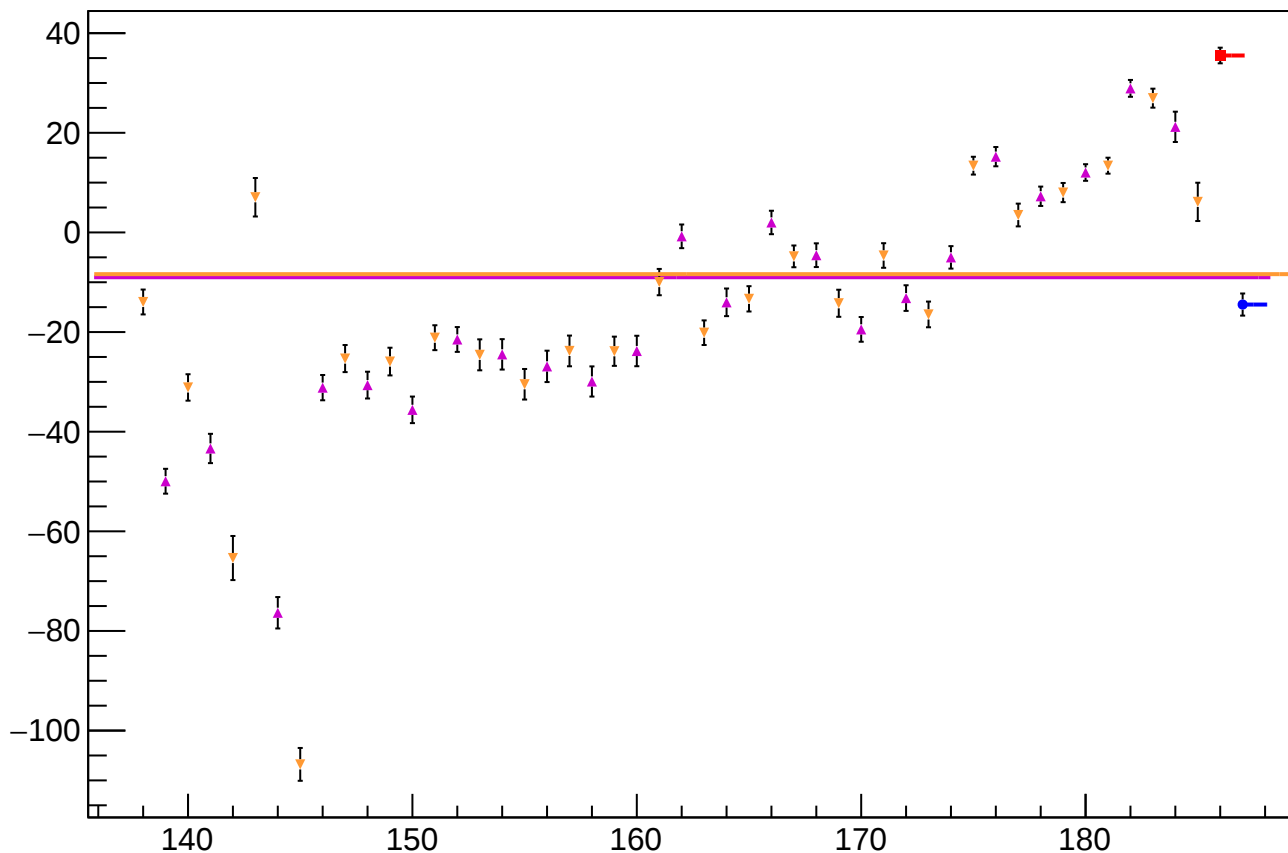
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ sign 0.127 ± 0.004 χ^2/NDF : 2892.7/42

All: 0.131 ± 0.003 χ^2/NDF : 7339.0/85

- sign 0.135 ± 0.004 χ^2/NDF : 4444.4/42

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -14.478±/2.220 χ^2 /NDF: 0.0/0

Left Out: -8.375±/0.500 χ^2 /NDF:2224.0/24

Right Out: 35.518±/1.571 χ^2 /NDF: 0.0/0

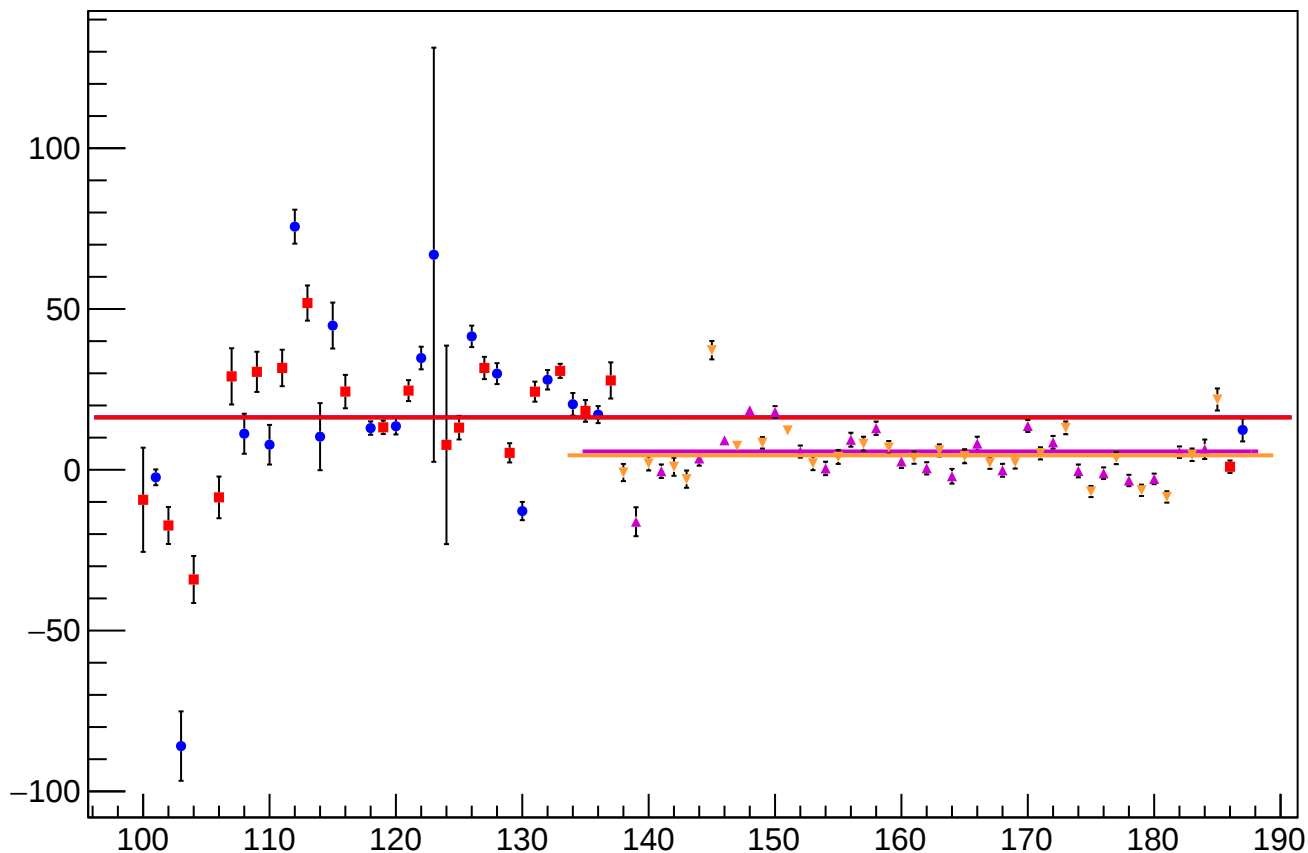
Left In: -8.995±/0.505 χ^2 /NDF:2308.2/22

+ sign -8.670±/0.488 χ^2 /NDF: 2231.2/25

All: -6.720±/0.343 χ^2 /NDF: 5298.2/49

- sign -4.826±/0.481 χ^2 /NDF: 3035.5/23

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.293 $\pm$ 0.825 χ^2 /NDF: 520.9/17

Left Out: 4.494 $\pm$ 0.393 χ^2 /NDF: 372.1/24

Right Out: 16.307 $\pm$ 0.815 χ^2 /NDF: 318.2/19

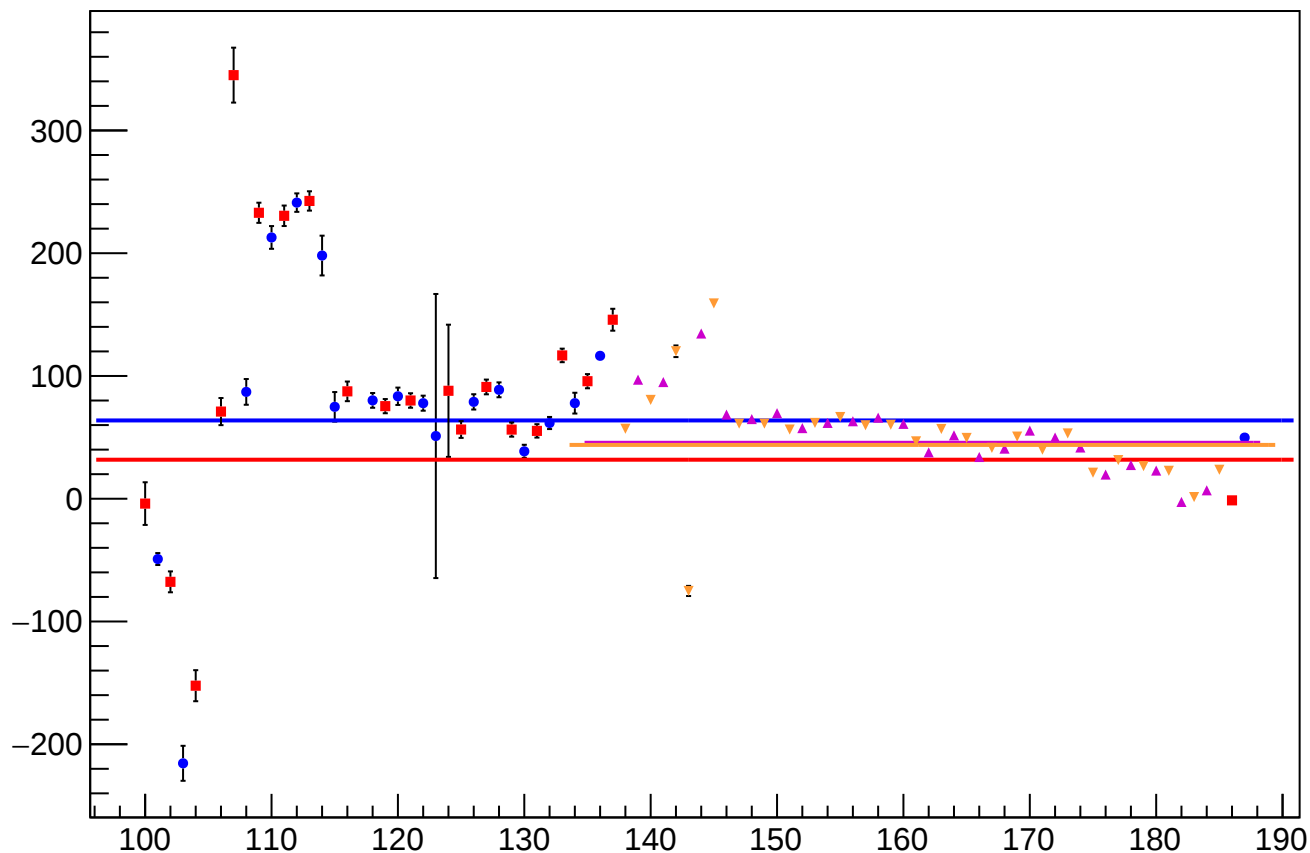
Left In: 5.699 $\pm$ 0.403 χ^2 /NDF: 329.1/22

+ sign 6.676 $\pm$ 0.355 χ^2 /NDF: 1059.9/42

All: 7.220 $\pm$ 0.253 χ^2 /NDF: 1848.1/85

- sign 7.784 $\pm$ 0.361 χ^2 /NDF: 783.4/42

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 63.772 $\pm$ 1.218 χ^2 /NDF: 2105.1/17

Left Out: 43.840 $\pm$ 0.499 χ^2 /NDF: 3680.9/24

Right Out: 31.786 $\pm$ 1.013 χ^2 /NDF: 3981.6/19

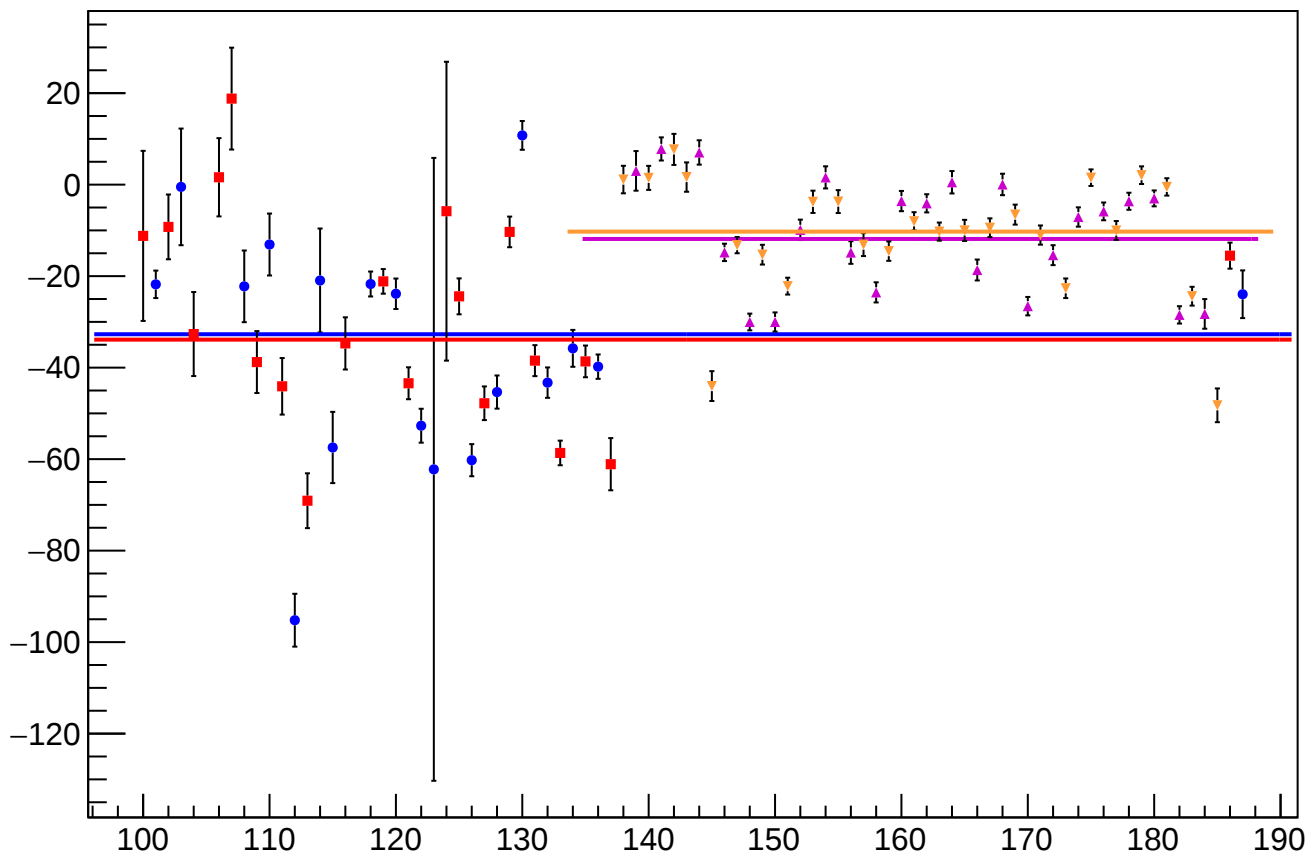
Left In: 45.559 $\pm$ 0.502 χ^2 /NDF: 3152.4/22

+ sign 46.706 $\pm$ 0.462 χ^2 /NDF: 6015.4/42

All: 44.723 $\pm$ 0.322 χ^2 /NDF: 13333.8/85

- sign 42.839 $\pm$ 0.450 χ^2 /NDF: 7282.4/42

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -32.701 ± 0.955 χ^2/NDF : 496.0/17

Left Out: -10.267 ± 0.445 χ^2/NDF : 553.7/24

Right Out: -33.877 ± 0.965 χ^2/NDF : 344.1/19

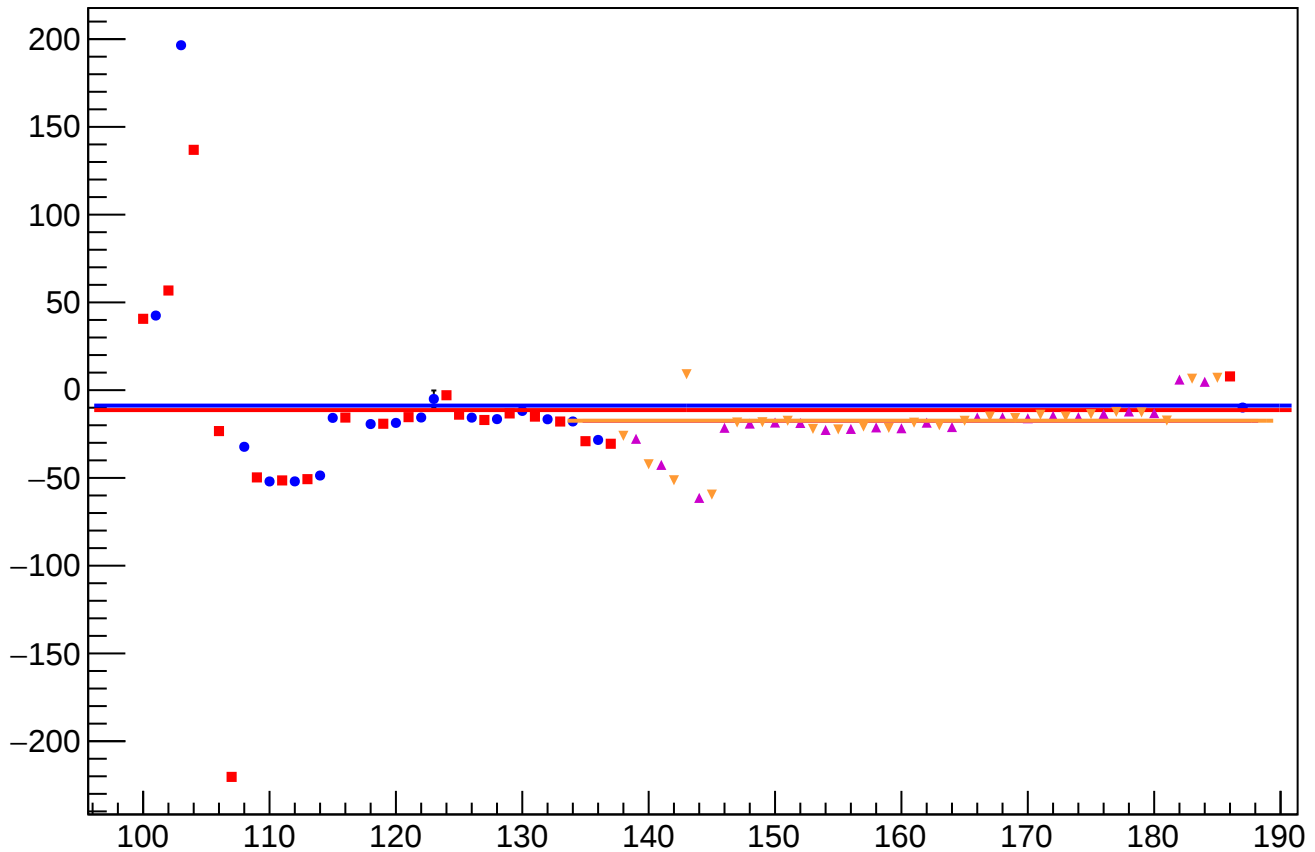
Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

+ sign -14.266 ± 0.403 χ^2/NDF : 1502.9/42

All: -15.055 ± 0.288 χ^2/NDF : 2948.8/85

- sign -15.876 ± 0.411 χ^2/NDF : 1438.2/42

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.795 ± 0.058 χ^2/NDF : 576027.5/17

Left Out: -17.411 ± 0.020 χ^2/NDF : 320231.3/24

Right Out: -11.356 ± 0.059 χ^2/NDF : 568466.8/19

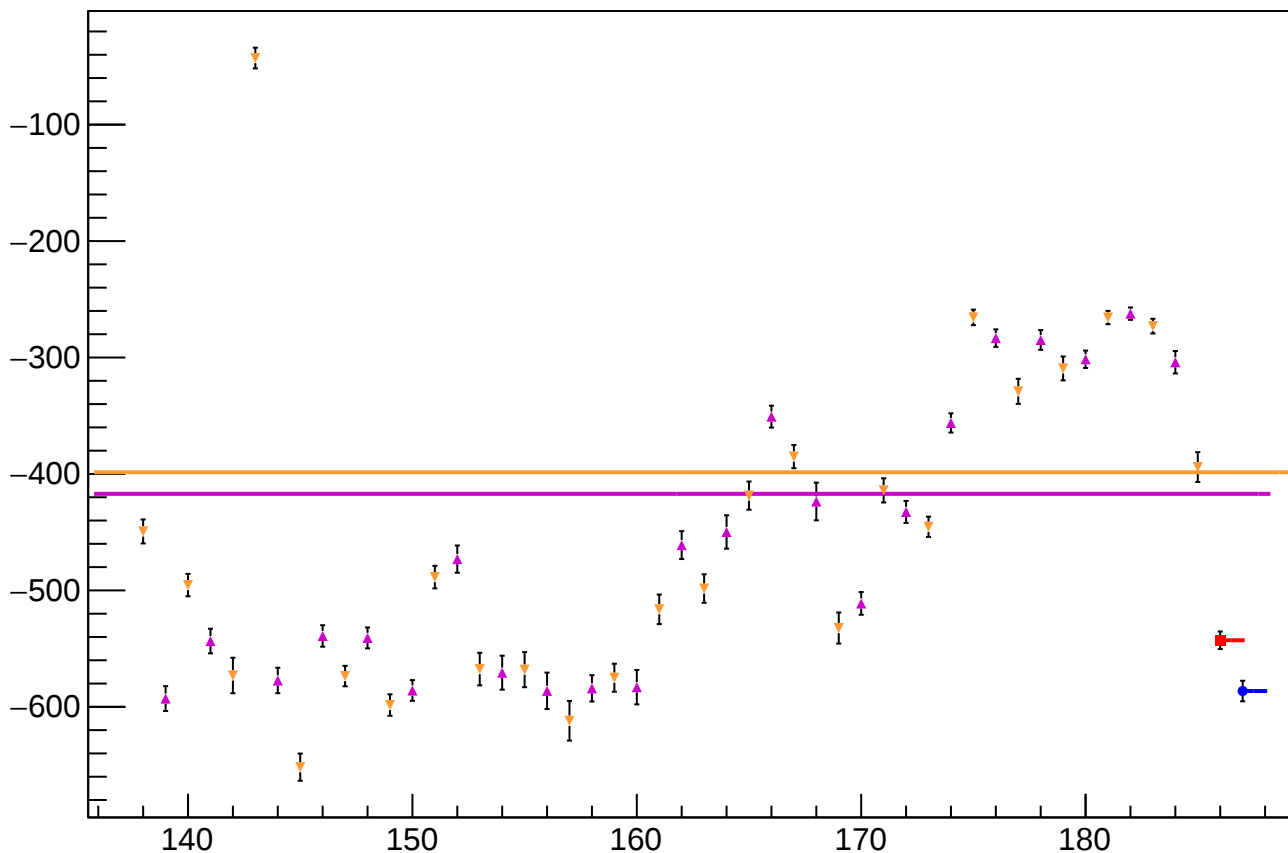
Left In: -17.552 ± 0.021 χ^2/NDF : 261900.3/22

+ sign -16.450 ± 0.019 χ^2/NDF : 916090.3/42

All: -16.663 ± 0.014 χ^2/NDF : 1756523.1/85

- sign -16.880 ± 0.019 χ^2/NDF : 840186.0/42

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -586.400 ± 8.817 χ^2/NDF : 0.0/0

Left Out: -398.556 ± 1.962 χ^2/NDF : 5659.5/24

Right Out: -542.818 ± 7.555 χ^2/NDF : 0.0/0

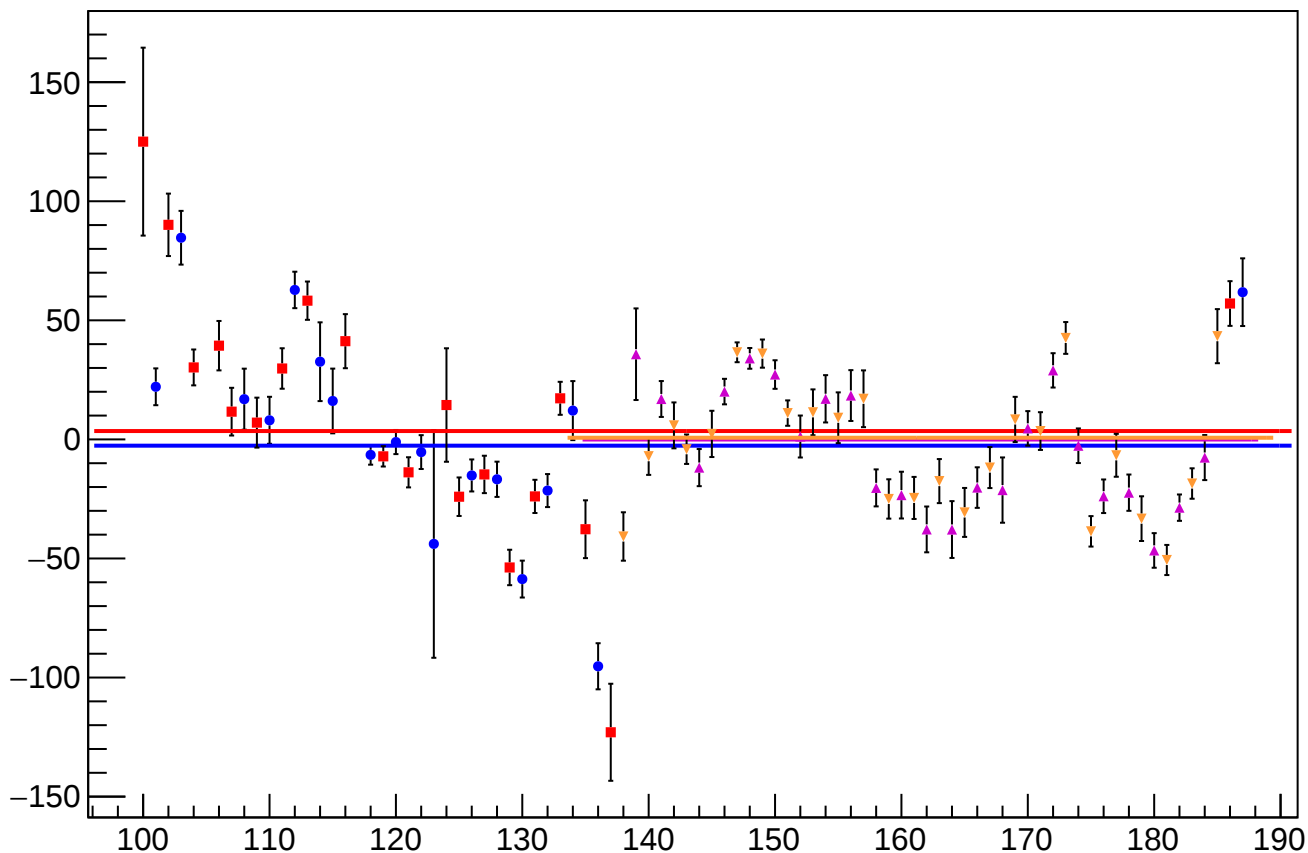
Left In: -417.080 ± 1.997 χ^2/NDF : 3958.5/22

+ sign -407.416 ± 1.915 χ^2/NDF : 6092.1/25

All: -416.279 ± 1.359 χ^2/NDF : 10352.7/49

- sign -425.290 ± 1.931 χ^2/NDF : 4217.5/23

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -2.635 ± 1.872 χ^2/NDF : 335.3/17

Left Out: 0.697 ± 1.510 χ^2/NDF : 349.9/24

Right Out: 3.507 ± 1.881 χ^2/NDF : 337.6/19

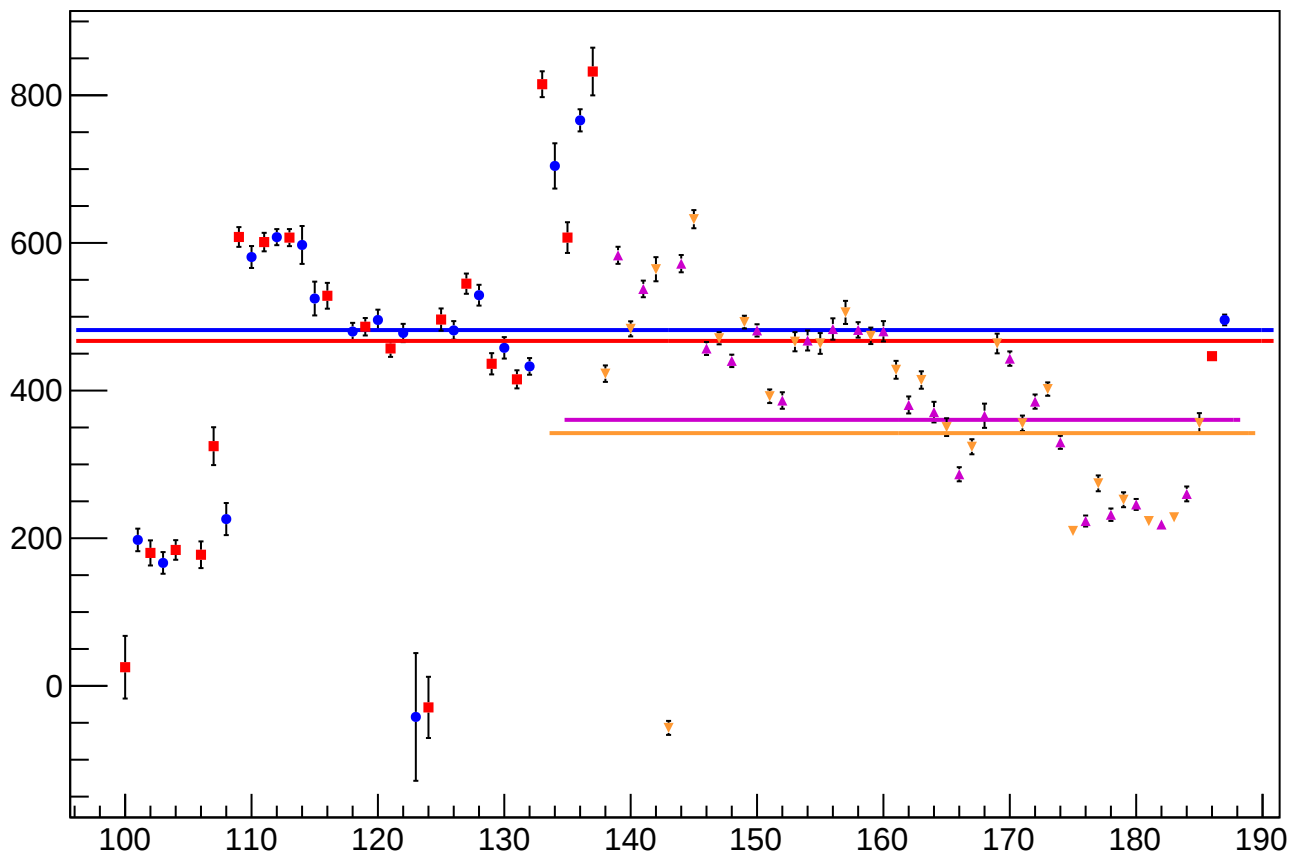
Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

+ sign -0.617 ± 1.175 χ^2/NDF : 687.1/42

All: 0.371 ± 0.842 χ^2/NDF : 1292.4/85

- sign 1.410 ± 1.206 χ^2/NDF : 603.9/42

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 481.970 ± 3.245 $\chi^2/\text{NDF}: 1633.5/17$

Left Out: 342.368 ± 1.970 $\chi^2/\text{NDF}: 5181.7/24$

Right Out: 467.257 ± 3.049 $\chi^2/\text{NDF}: 2302.8/19$

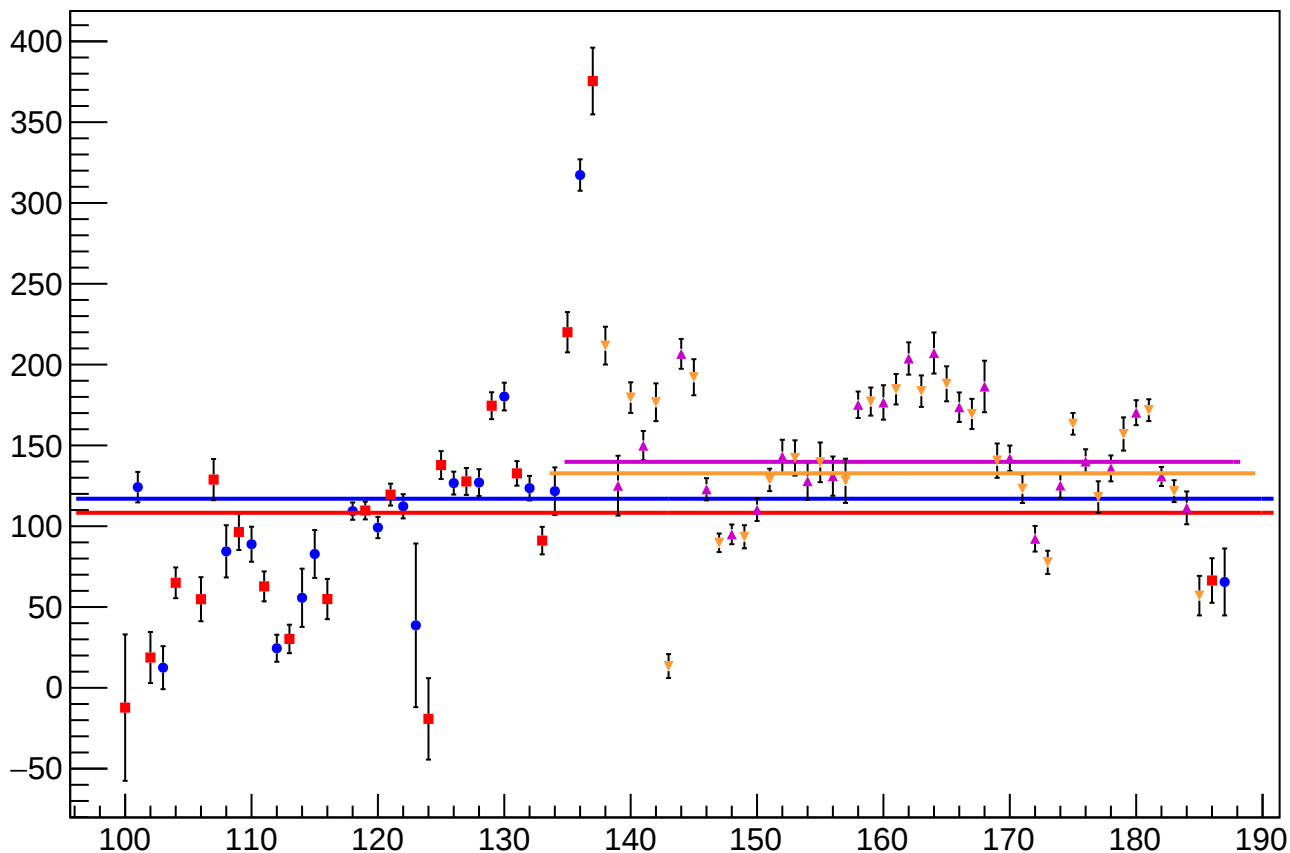
Left In: 360.355 ± 1.996 $\chi^2/\text{NDF}: 3449.9/22$

+ sign 379.950 ± 1.684 $\chi^2/\text{NDF}: 8167.4/42$

All: 386.235 ± 1.186 $\chi^2/\text{NDF}: 14808.4/85$

- sign 392.415 ± 1.670 $\chi^2/\text{NDF}: 6613.4/42$

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.008 ± 2.181 $\chi^2/\text{NDF}: 713.1/17$

Left Out: 132.762 ± 1.736 $\chi^2/\text{NDF}: 749.6/24$

Right Out: 108.323 ± 2.182 $\chi^2/\text{NDF}: 580.7/19$

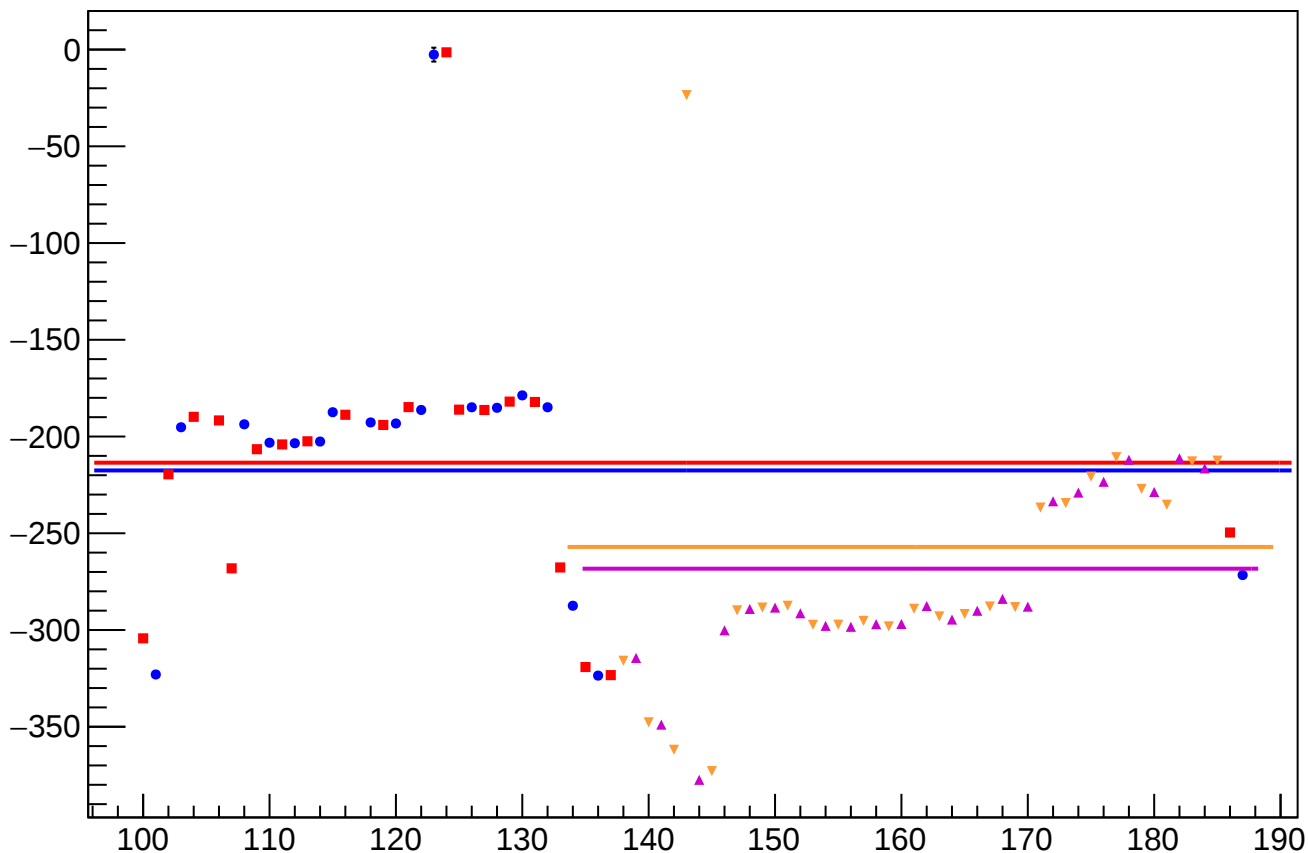
Left In: 139.828 ± 1.790 $\chi^2/\text{NDF}: 321.7/22$

+ sign 126.652 ± 1.358 $\chi^2/\text{NDF}: 1494.7/42$

All: 126.900 ± 0.969 $\chi^2/\text{NDF}: 2521.7/85$

- sign 127.157 ± 1.384 $\chi^2/\text{NDF}: 1027.0/42$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.525+/-0.135 χ^2/NDF : 149149.0/17

Left Out: -257.067+/-0.082 χ^2/NDF : 665762.3/24

Right Out: -213.516+/-0.129 χ^2/NDF : 117797.6/19

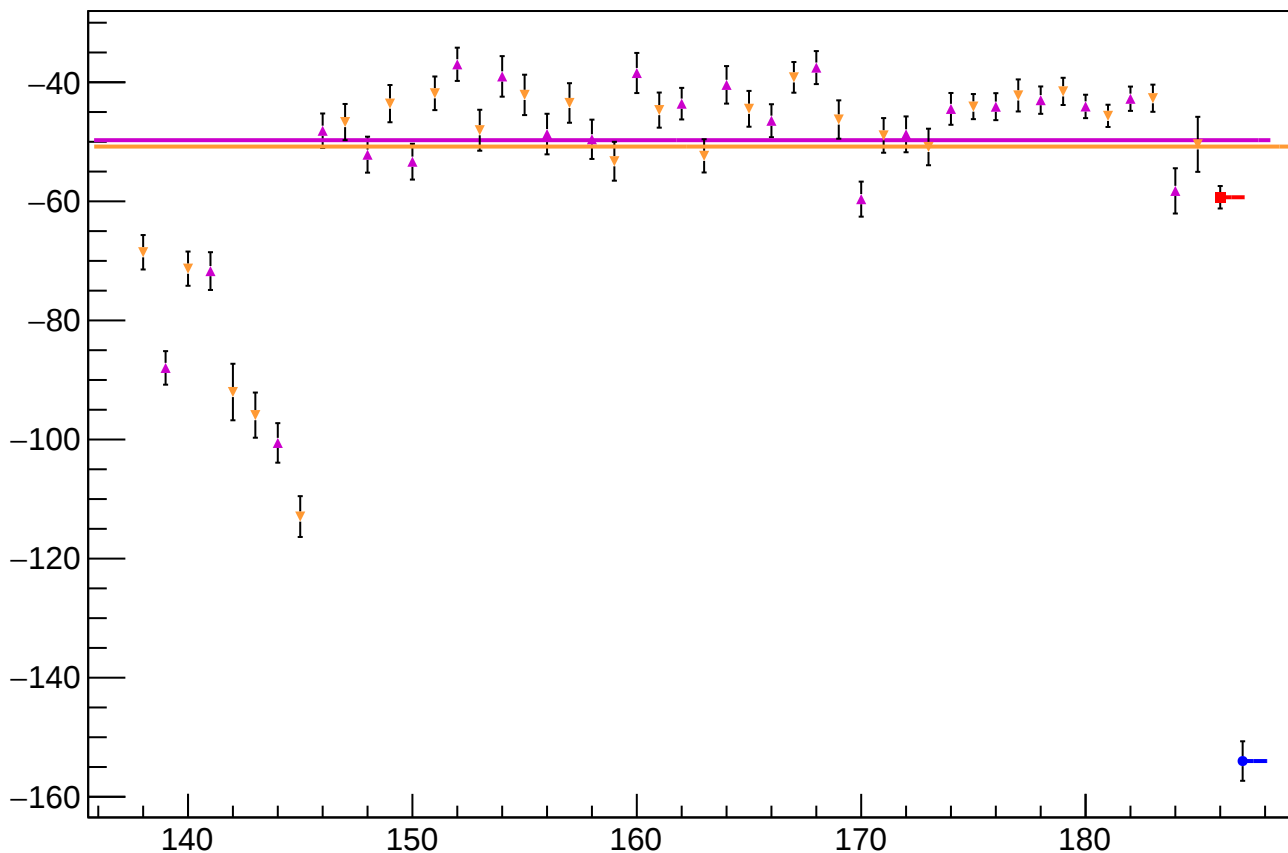
Left In: -268.305+/-0.083 χ^2/NDF : 264853.3/22

+ sign -246.328+/-0.070 χ^2/NDF : 877639.1/42

All: -249.271+/-0.050 χ^2/NDF : 1391122.8/85

- sign -252.191+/-0.070 χ^2/NDF : 509984.8/42

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -153.998 ± 3.318 χ^2/NDF : 0.0/0

Left Out: -50.802 ± 0.574 χ^2/NDF : 752.7/24

Right Out: -59.314 ± 1.886 χ^2/NDF : 0.0/0

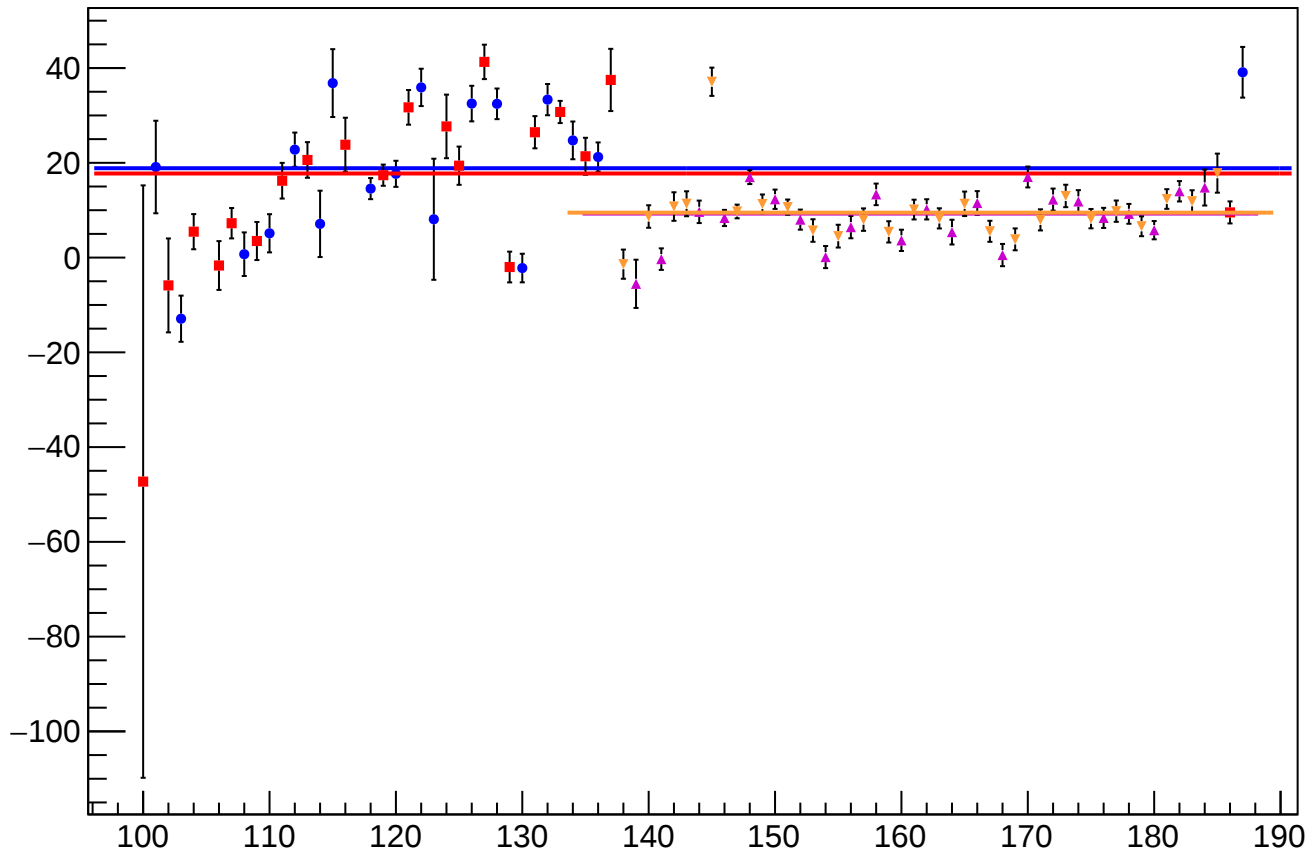
Left In: -49.728 ± 0.581 χ^2/NDF : 601.0/22

+ sign -53.799 ± 0.565 χ^2/NDF : 1691.9/25

All: -52.151 ± 0.396 χ^2/NDF : 2333.1/49

- sign -50.560 ± 0.556 χ^2/NDF : 624.6/23

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.860 ± 0.893 χ^2/NDF : 219.3/17

Left Out: 9.483 ± 0.447 χ^2/NDF : 133.0/24

Right Out: 17.748 ± 0.810 χ^2/NDF : 212.6/19

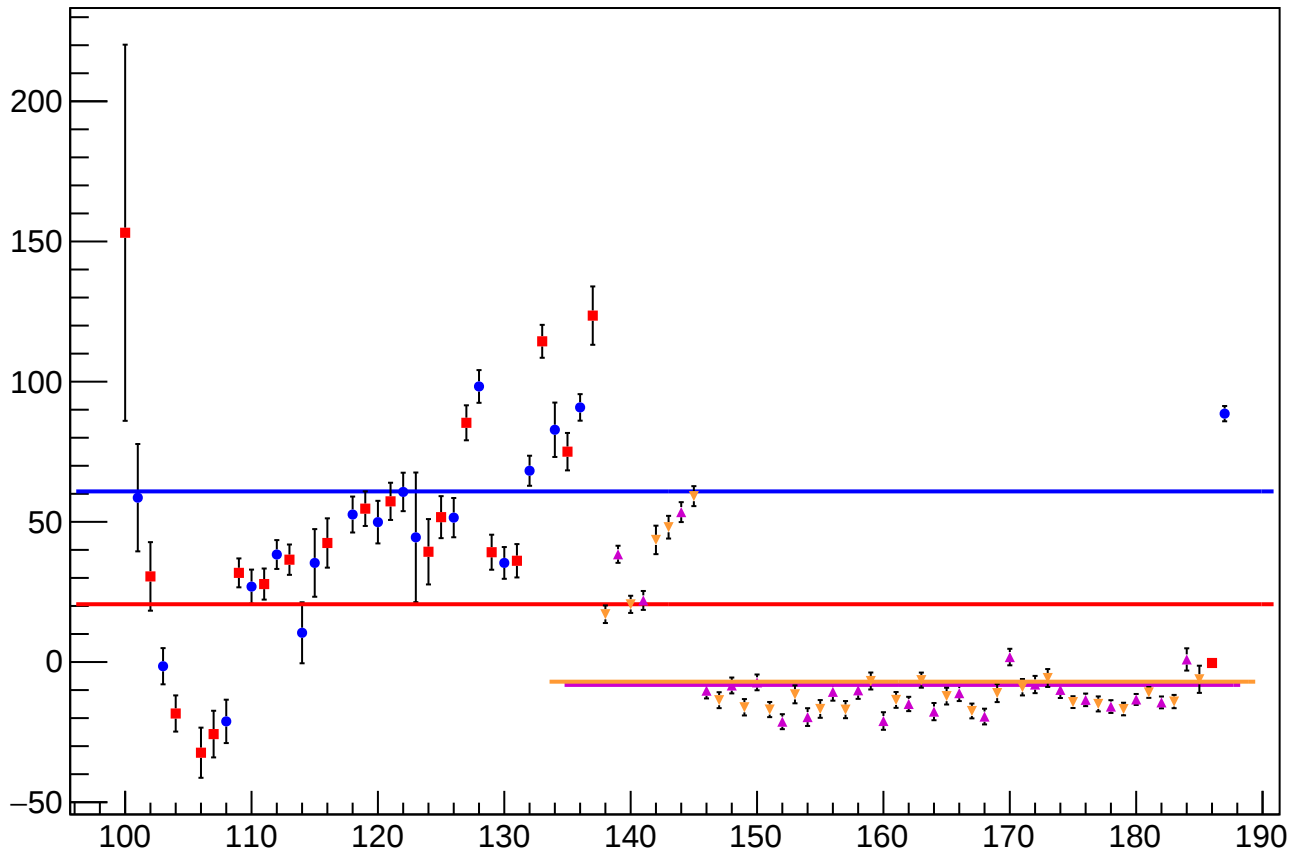
Left In: 9.289 ± 0.461 χ^2/NDF : 125.6/22

+ sign 11.361 ± 0.400 χ^2/NDF : 440.6/42

All: 11.358 ± 0.283 χ^2/NDF : 861.2/85

- sign 11.355 ± 0.400 χ^2/NDF : 420.6/42

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 60.860 $\pm$ 1.423 χ^2 /NDF: 500.1/17

Left Out: -7.007 $\pm$ 0.572 χ^2 /NDF: 899.2/24

Right Out: 20.617 $\pm$ 1.099 χ^2 /NDF: 944.0/19

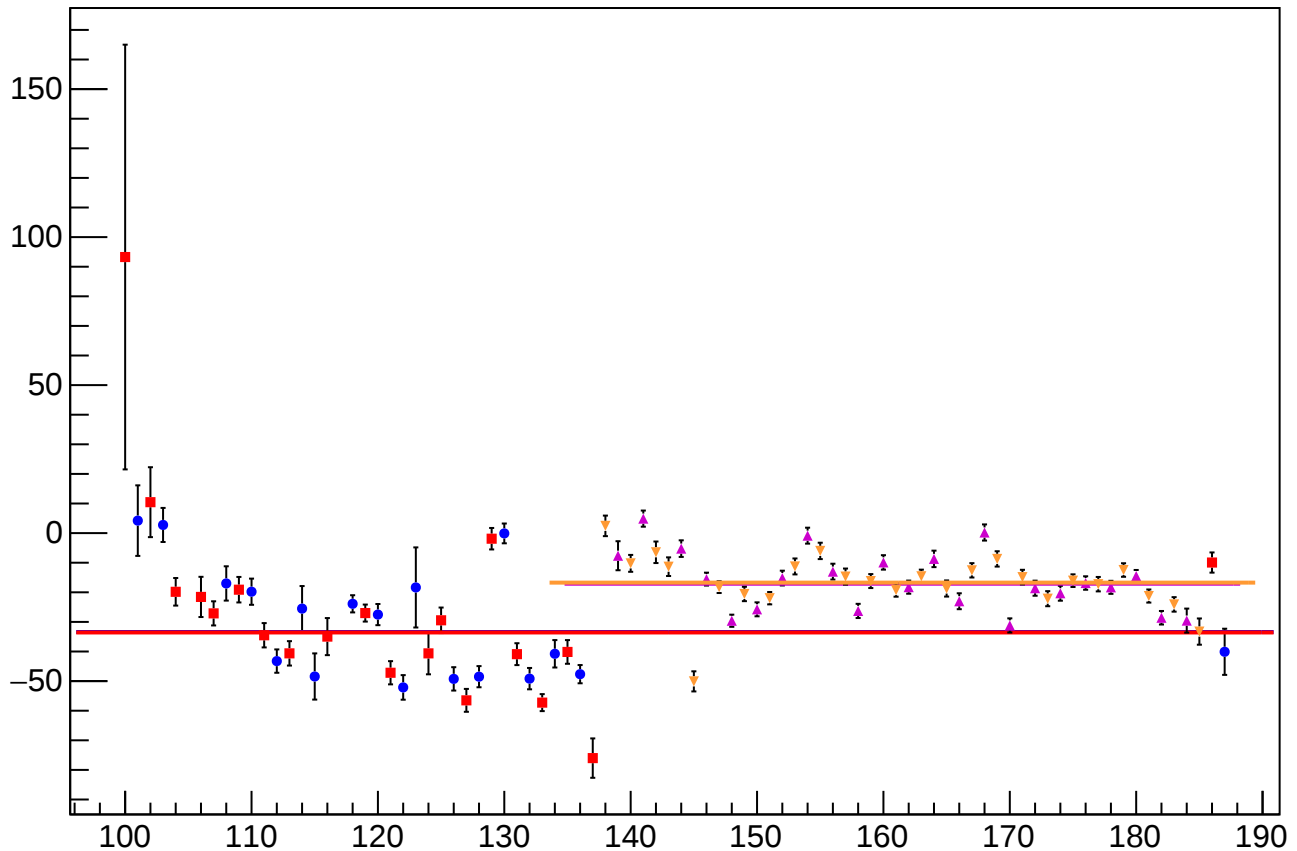
Left In: -8.158 $\pm$ 0.578 χ^2 /NDF: 753.9/22

+ sign 2.433 $\pm$ 0.531 χ^2 /NDF: 3358.1/42

All: 0.172 $\pm$ 0.368 χ^2 /NDF: 5628.2/85

- sign -1.928 $\pm$ 0.511 χ^2 /NDF: 2235.1/42

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.409 ± 1.024 χ^2/NDF : 289.9/17

Left Out: -16.727 ± 0.508 χ^2/NDF : 223.3/24

Right Out: -33.566 ± 0.953 χ^2/NDF : 339.7/19

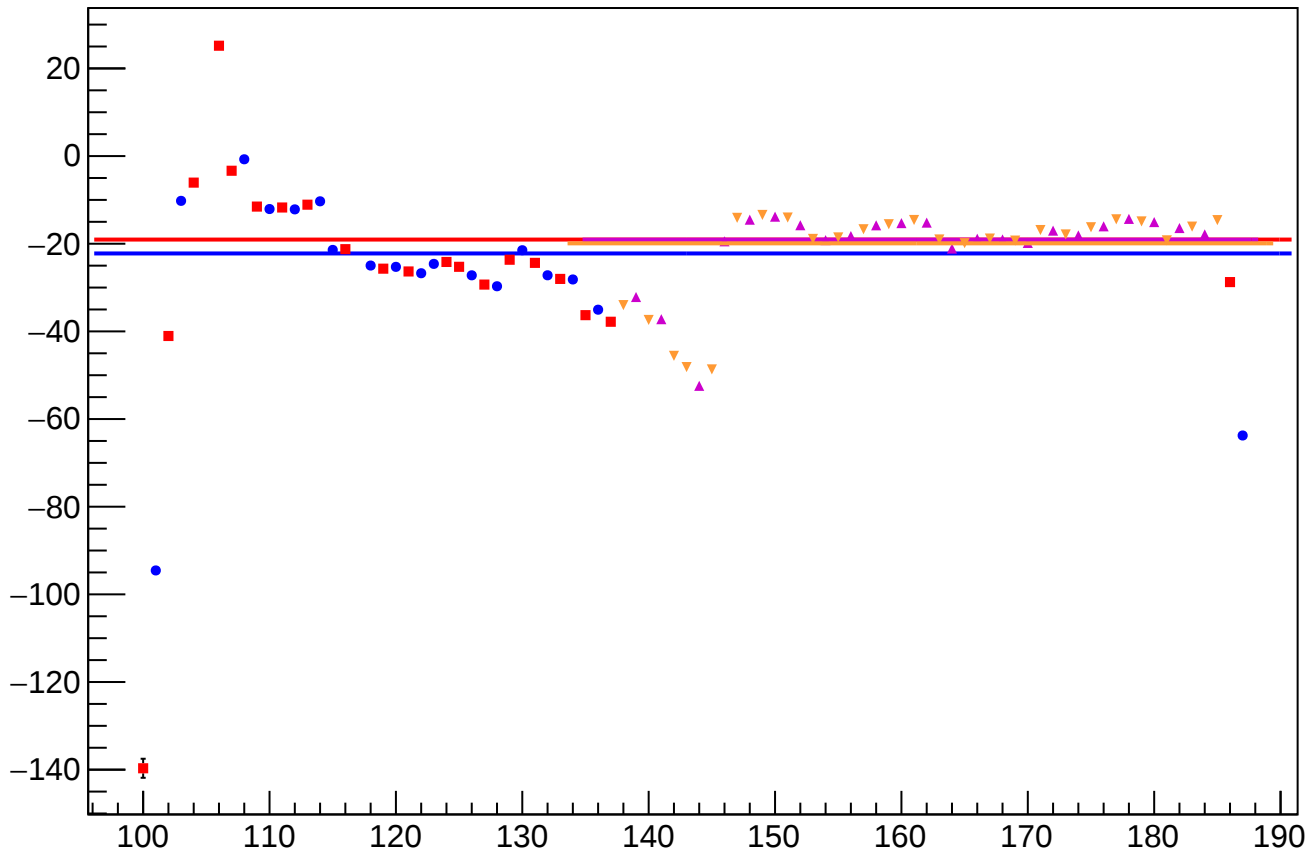
Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

+ sign -20.019 ± 0.455 χ^2/NDF : 726.2/42

All: -20.449 ± 0.322 χ^2/NDF : 1625.7/85

- sign -20.883 ± 0.457 χ^2/NDF : 897.7/42

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -22.218 ± 0.058 $\chi^2/\text{NDF}: 58118.8/17$

Left Out: -19.915 ± 0.023 $\chi^2/\text{NDF}: 141090.6/24$

Right Out: -19.049 ± 0.056 $\chi^2/\text{NDF}: 82425.8/19$

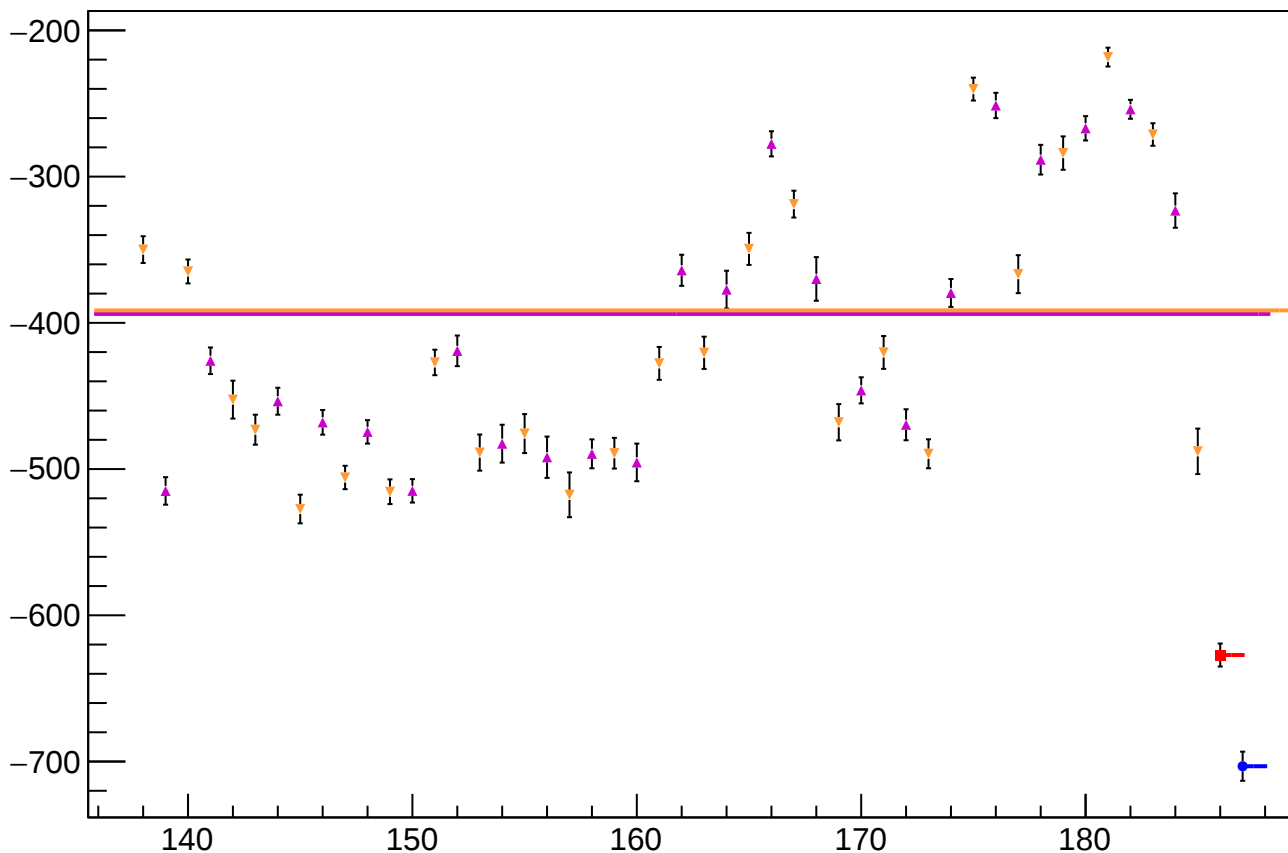
Left In: -19.068 ± 0.024 $\chi^2/\text{NDF}: 92702.3/22$

+ sign -20.234 ± 0.022 $\chi^2/\text{NDF}: 200560.0/42$

All: -19.651 ± 0.015 $\chi^2/\text{NDF}: 377140.8/85$

- sign -19.065 ± 0.022 $\chi^2/\text{NDF}: 175128.2/42$

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -703.210+/-9.965 χ^2 /NDF: 0.0/0

Left Out: -391.476+/-1.973 χ^2 /NDF:2708.6/24

Right Out: -627.170+/-7.862 χ^2 /NDF: 0.0/0

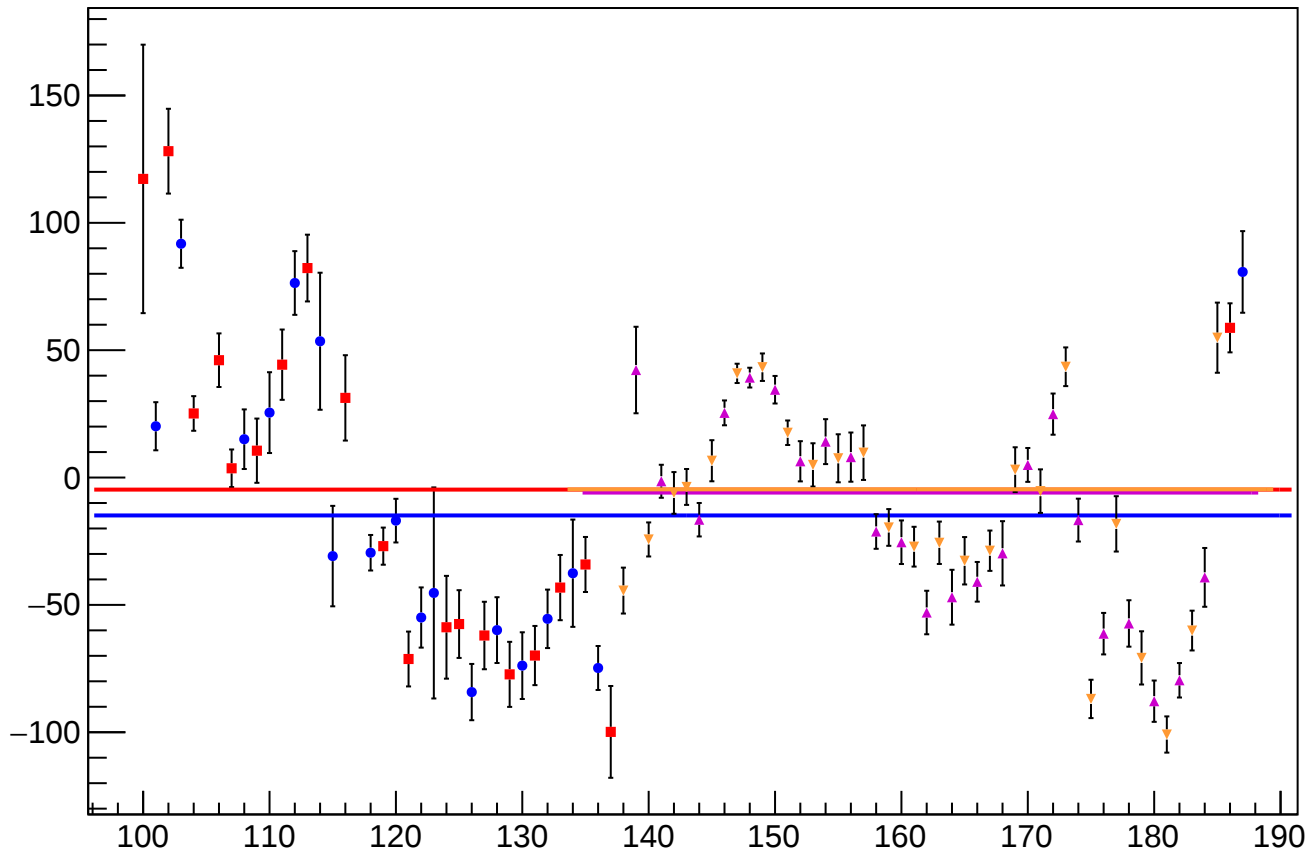
Left In: -393.904+/-1.998 χ^2 /NDF:2280.8/22

+ sign -403.231+/-1.935 χ^2 /NDF: 3650.4/25

All: -405.640+/-1.369 χ^2 /NDF: 6761.2/49

- sign -408.052+/-1.936 χ^2 /NDF: 3107.6/23

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -14.884 ± 2.740 χ^2/NDF : 400.5/17

Left Out: -4.635 ± 1.467 χ^2/NDF : 771.4/24

Right Out: -4.738 ± 2.522 χ^2/NDF : 416.3/19

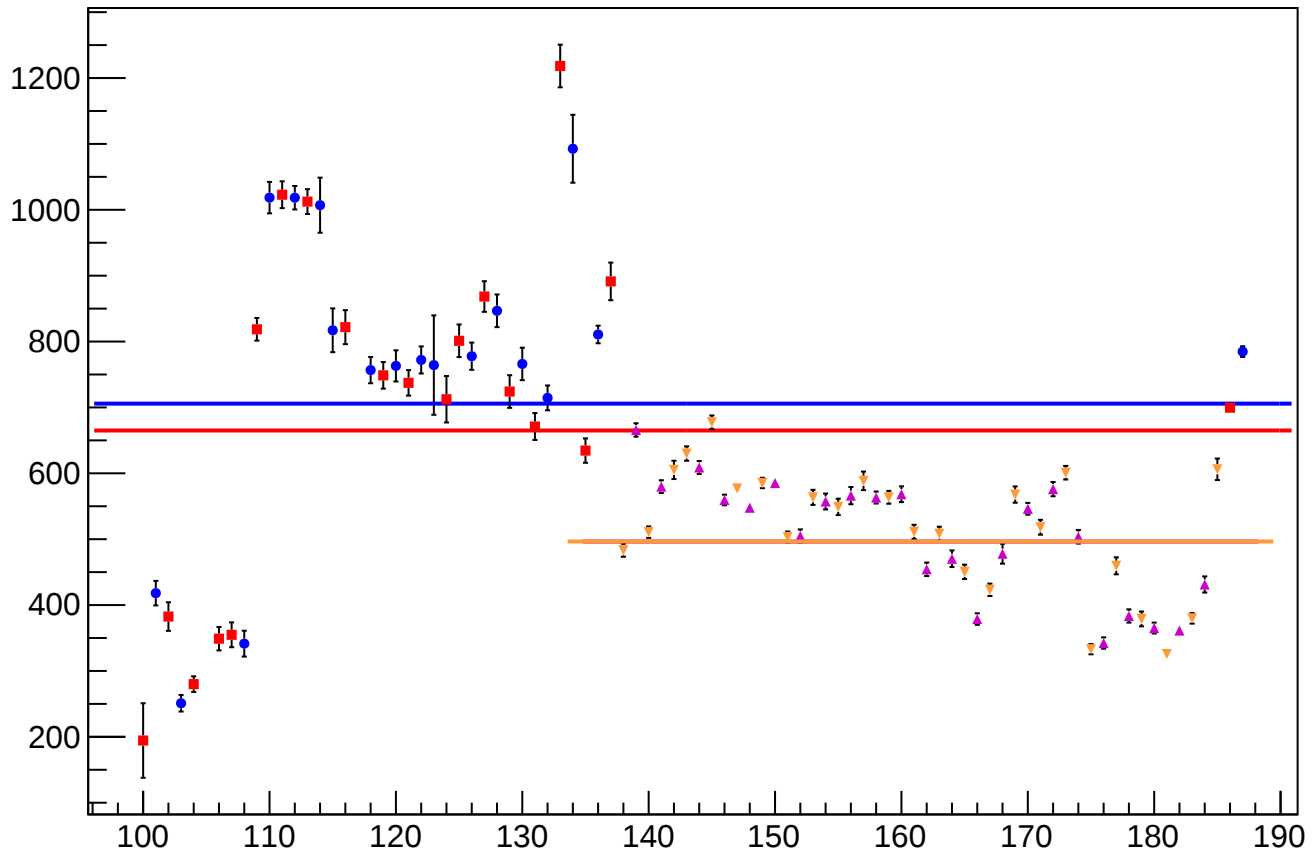
Left In: -5.906 ± 1.513 χ^2/NDF : 657.5/22

+ sign -6.919 ± 1.294 χ^2/NDF : 1182.8/42

All: -6.260 ± 0.916 χ^2/NDF : 2257.3/85

- sign -5.597 ± 1.298 χ^2/NDF : 1074.0/42

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 705.782 $\pm$ 4.290 χ^2 /NDF: 2714.7/17

Left Out: 496.535 $\pm$ 1.971 χ^2 /NDF:2589.1/24

Right Out: 664.983 $\pm$ 3.791 χ^2 /NDF: 3171.4/19

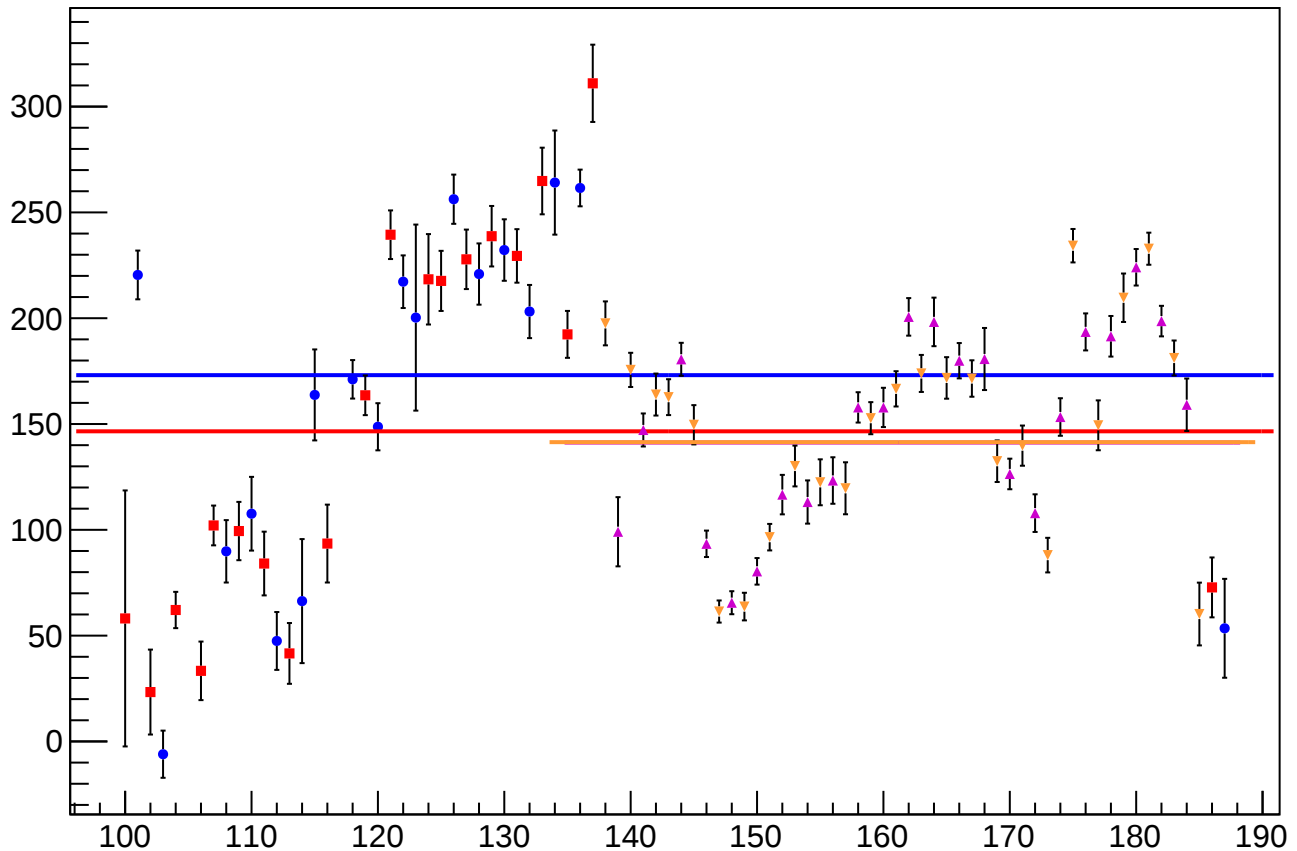
Left In: 496.393 $\pm$ 1.985 χ^2 /NDF:2295.8/22

+ sign 533.014 $\pm$ 1.791 χ^2 /NDF: 7268.4/42

All: 532.844 $\pm$ 1.255 χ^2 /NDF: 14287.4/85

- sign 532.679 $\pm$ 1.759 χ^2 /NDF: 7019.0/42

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 173.093 $\pm$ 3.173 χ^2 /NDF: 665.2/17

Left Out: 141.430 $\pm$ 1.704 χ^2 /NDF: 957.7/24

Right Out: 146.551 $\pm$ 2.977 χ^2 /NDF: 721.6/19

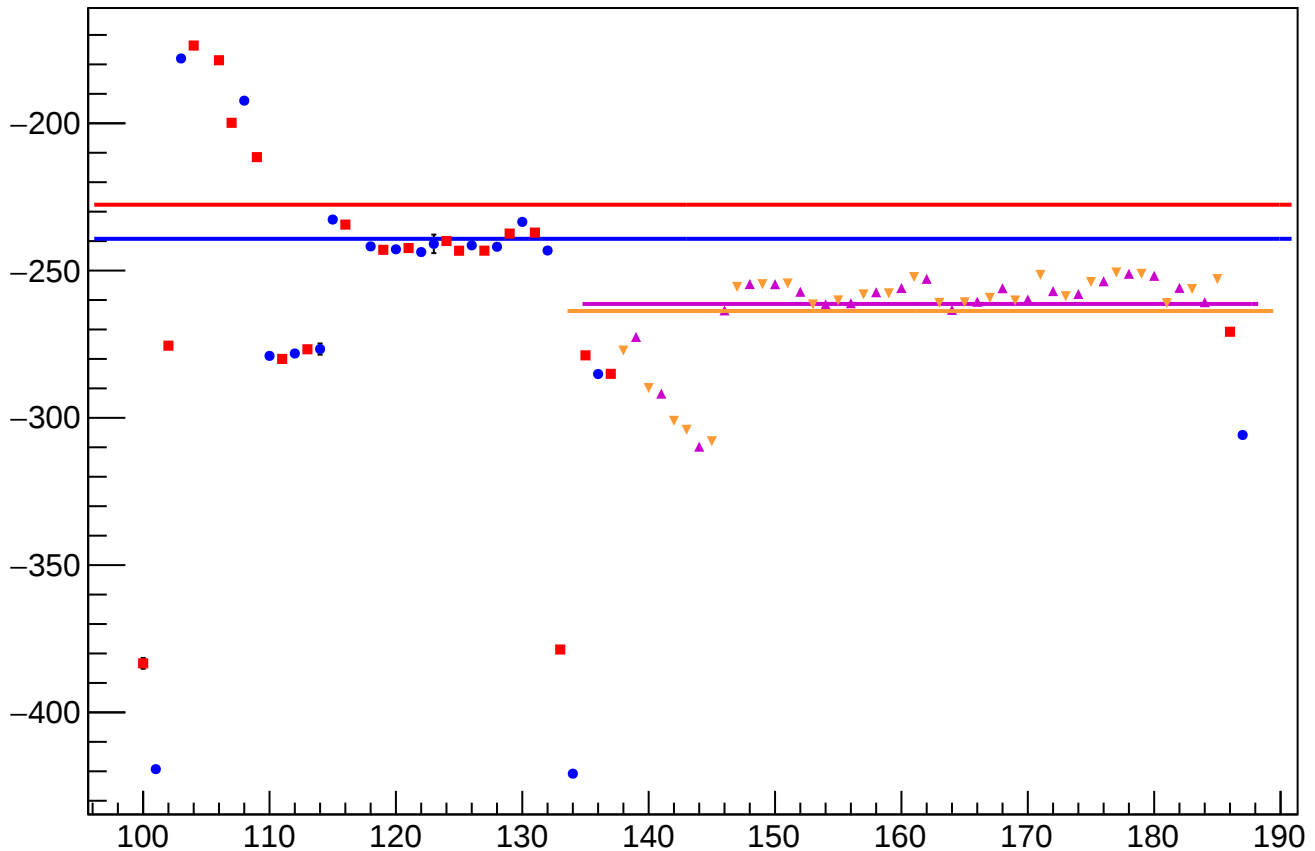
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF: 744.2/22

+ sign 148.518 $\pm$ 1.501 χ^2 /NDF: 1700.2/42

All: 145.567 $\pm$ 1.063 χ^2 /NDF: 3176.0/85

- sign 142.603 $\pm$ 1.505 χ^2 /NDF: 1468.1/42

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -239.218 ± 0.159 $\chi^2/\text{NDF}: 169688.3/17$

Left Out: -263.734 ± 0.081 $\chi^2/\text{NDF}: 37922.0/24$

+ sign -258.625 ± 0.072 $\chi^2/\text{NDF}: 226484.7/42$

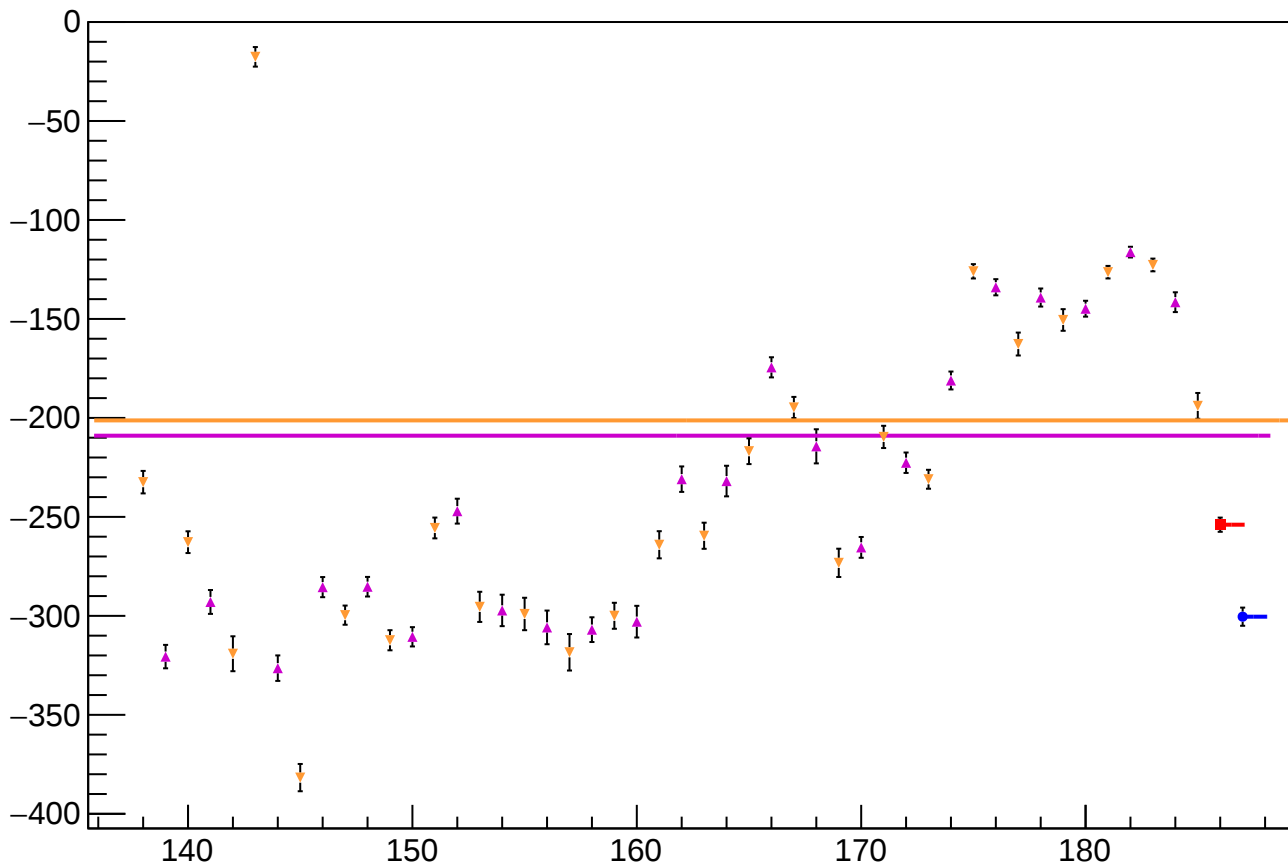
Right Out: -227.651 ± 0.149 $\chi^2/\text{NDF}: 104654.2/19$

All: -256.077 ± 0.051 $\chi^2/\text{NDF}: 396124.0/85$

Left In: -261.325 ± 0.082 $\chi^2/\text{NDF}: 23449.2/22$

- sign -253.586 ± 0.072 $\chi^2/\text{NDF}: 167196.0/42$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -300.418+/-4.592 χ^2/NDF : 0.0/0

Left Out: -201.261+/-1.065 χ^2/NDF : 6110.1/24

Right Out: -253.947+/-3.589 χ^2/NDF : 0.0/0

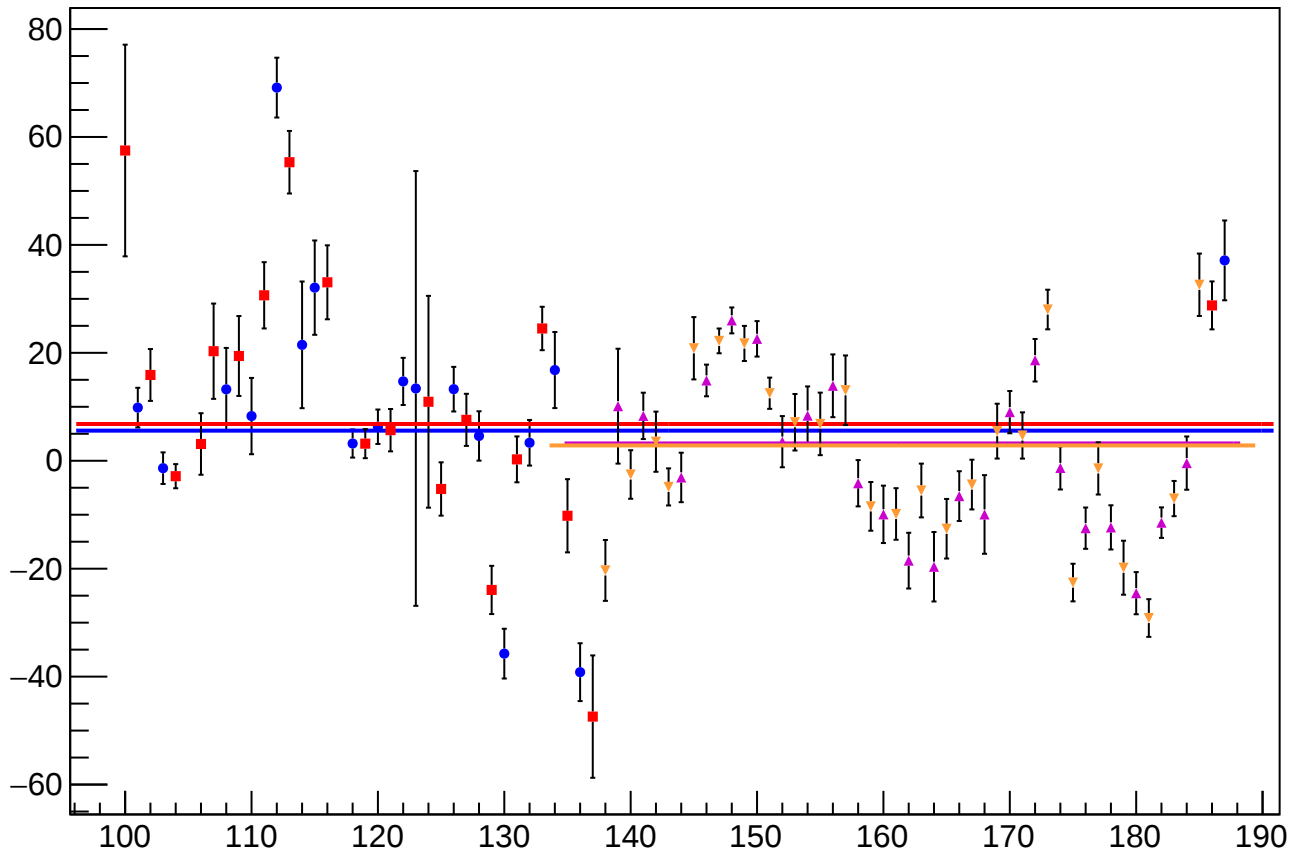
Left In: -208.981+/-1.078 χ^2/NDF : 4865.2/22

+ sign -206.327+/-1.038 χ^2/NDF : 6552.6/25

All: -209.531+/-0.732 χ^2/NDF : 11580.8/49

- sign -212.702+/-1.033 χ^2/NDF : 5009.2/23

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 5.580 ± 1.077 $\chi^2/\text{NDF}: 330.5/17$

Left Out: 2.841 ± 0.824 $\chi^2/\text{NDF}: 420.6/24$

Right Out: 6.812 ± 1.041 $\chi^2/\text{NDF}: 265.0/19$

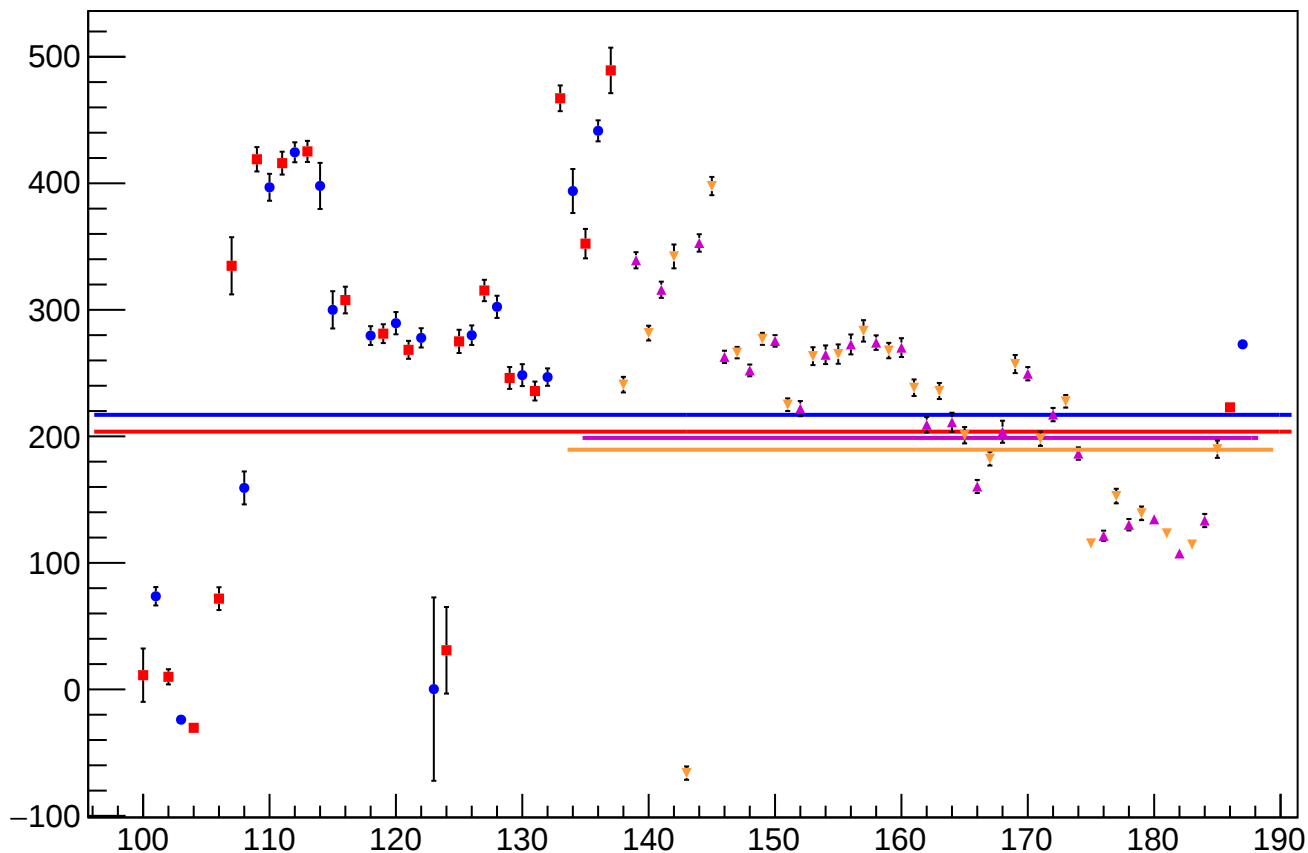
Left In: 3.208 ± 0.854 $\chi^2/\text{NDF}: 323.8/22$

+ sign 3.852 ± 0.655 $\chi^2/\text{NDF}: 755.2/42$

All: 4.251 ± 0.465 $\chi^2/\text{NDF}: 1352.0/85$

- sign 4.658 ± 0.661 $\chi^2/\text{NDF}: 596.0/42$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 217.009 $\pm$ 1.747 χ^2 /NDF: 7031.9/17

Left Out: 189.453 $\pm$ 1.070 χ^2 /NDF:6649.7/24

Right Out: 203.710 $\pm$ 1.598 χ^2 /NDF: 8322.2/19

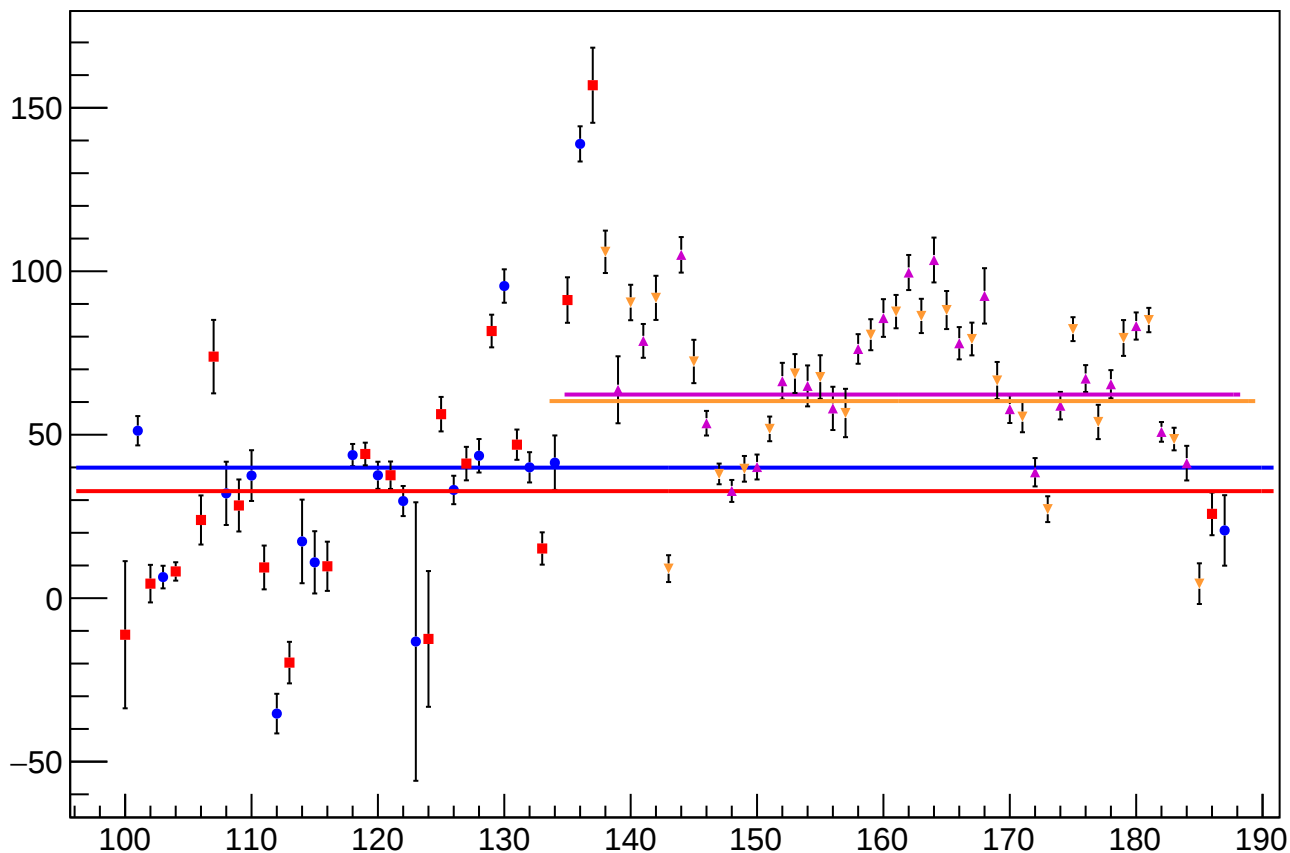
Left In: 198.762 $\pm$ 1.078 χ^2 /NDF:4590.0/22

+ sign 196.970 $\pm$ 0.912 χ^2 /NDF: 13862.6/42

All: 198.674 $\pm$ 0.638 χ^2 /NDF: 26788.3/85

- sign 200.309 $\pm$ 0.894 χ^2 /NDF: 12918.8/42

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 39.931 ± 1.259 $\chi^2/\text{NDF}: 738.2/17$

Left Out: 60.287 ± 0.945 $\chi^2/\text{NDF}: 714.8/24$

Right Out: 32.743 ± 1.230 $\chi^2/\text{NDF}: 555.3/19$

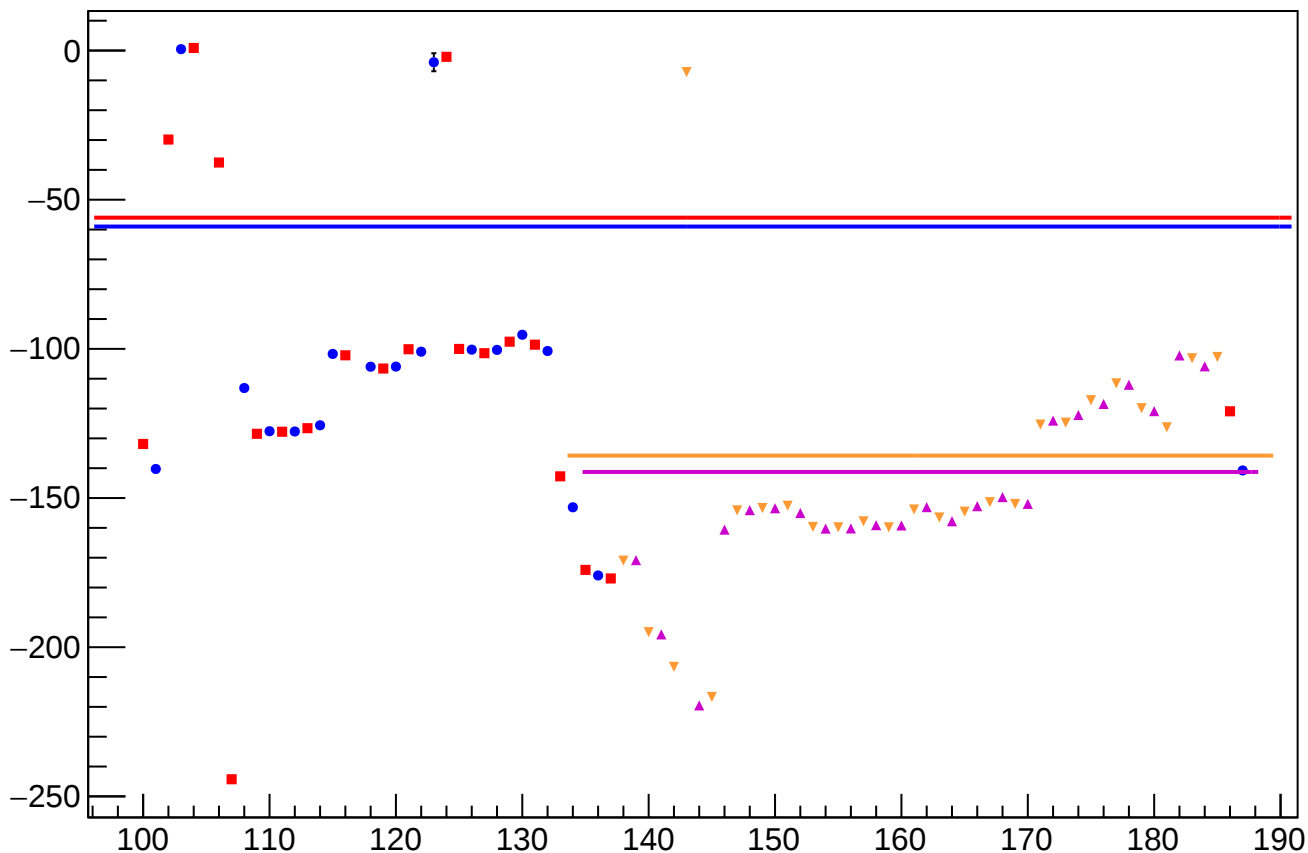
Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

+ sign 52.950 ± 0.756 $\chi^2/\text{NDF}: 1620.2/42$

All: 51.955 ± 0.537 $\chi^2/\text{NDF}: 2946.0/85$

- sign 50.943 ± 0.762 $\chi^2/\text{NDF}: 1322.3/42$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.992 ± 0.061 $\chi^2/\text{NDF}: 1123735.9/17$

Left Out: -135.775 ± 0.045 $\chi^2/\text{NDF}: 742021.1/24$

Right Out: -56.014 ± 0.060 $\chi^2/\text{NDF}: 1023903.9/19$

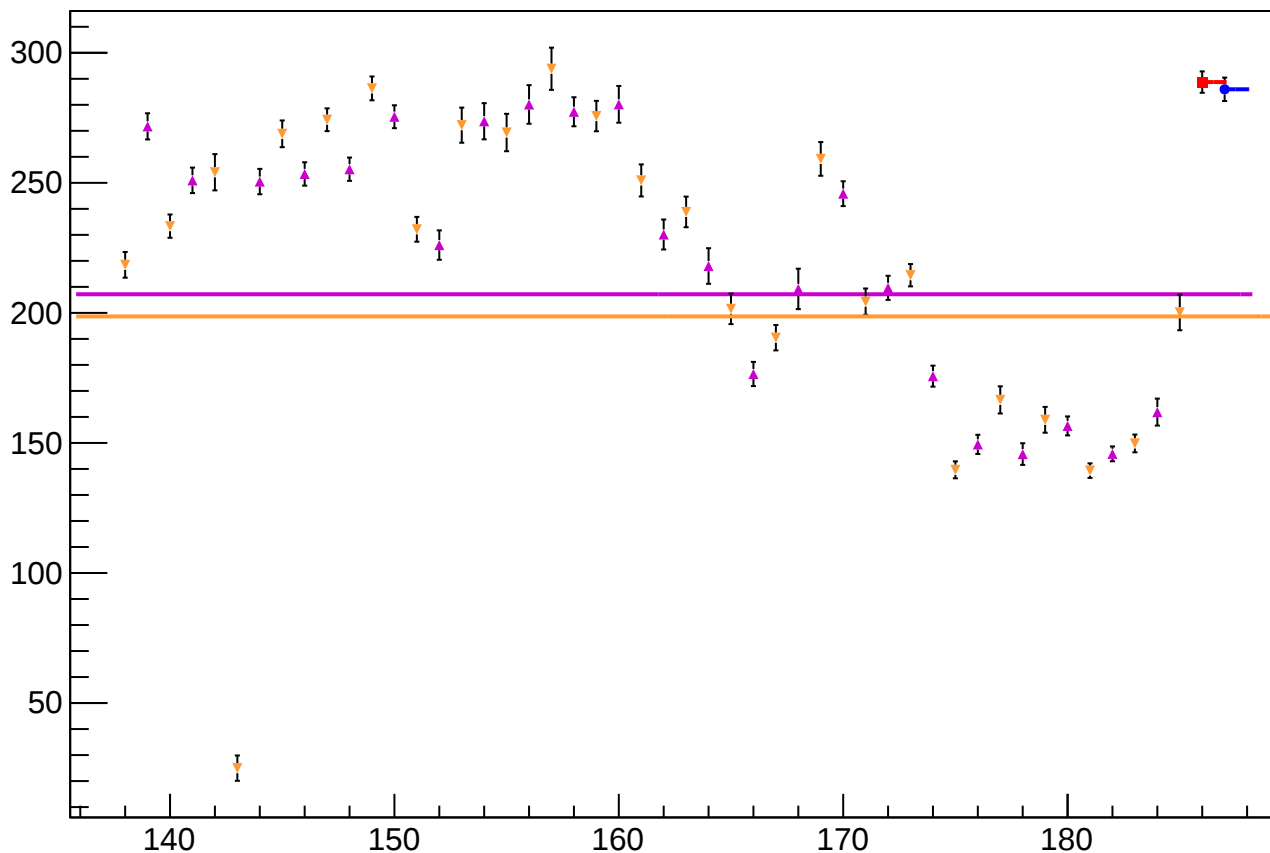
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ sign -109.120 ± 0.036 $\chi^2/\text{NDF}: 2891360.6/42$

All: -109.707 ± 0.025 $\chi^2/\text{NDF}: 5563311.6/85$

- sign -110.292 ± 0.036 $\chi^2/\text{NDF}: 2671422.5/42$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 285.970 $\pm$ 4.498 χ^2 /NDF: 0.0/0

Left Out: 198.637 $\pm$ 0.966 χ^2 /NDF:4146.6/24

Right Out: 288.742 $\pm$ 4.111 χ^2 /NDF: 0.0/0

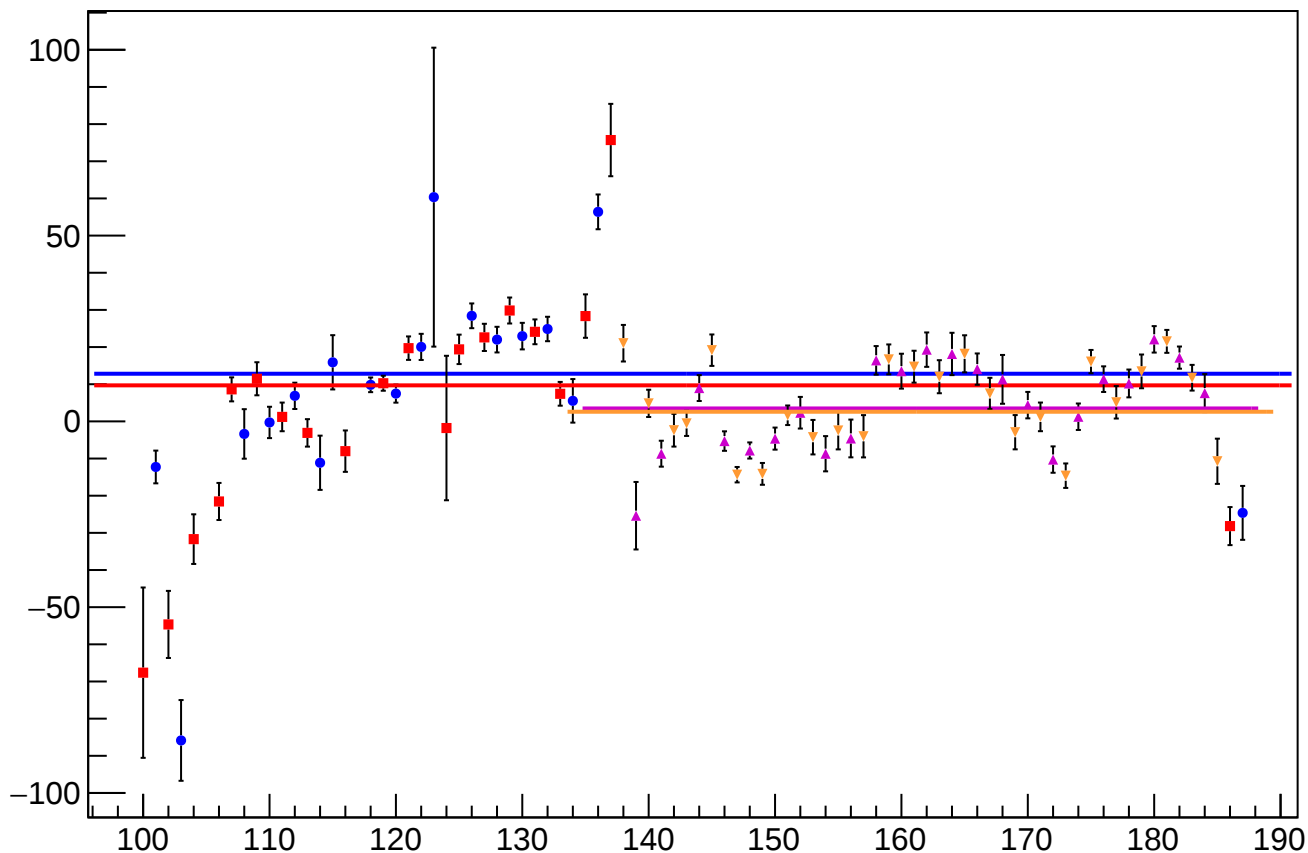
Left In: 207.171 $\pm$ 0.986 χ^2 /NDF:2631.6/22

+ sign 202.488 $\pm$ 0.945 χ^2 /NDF: 4506.9/25

All: 206.980 $\pm$ 0.673 χ^2 /NDF: 7556.7/49

- sign 211.609 $\pm$ 0.959 χ^2 /NDF: 3003.9/23

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 12.821 ± 0.912 $\chi^2/\text{NDF}: 322.3/17$

Left Out: 2.595 ± 0.744 $\chi^2/\text{NDF}: 274.3/24$

Right Out: 9.695 ± 0.902 $\chi^2/\text{NDF}: 359.1/19$

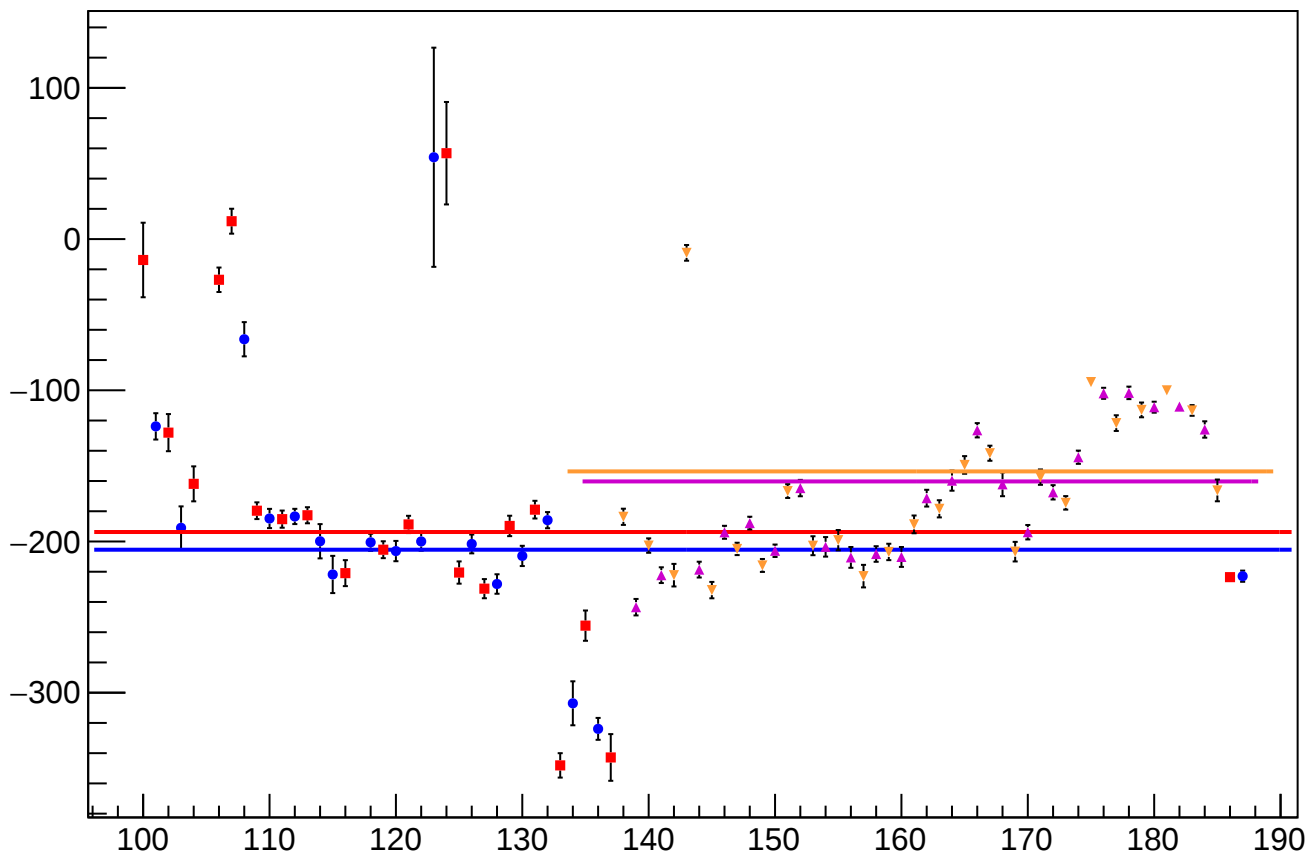
Left In: 3.478 ± 0.772 $\chi^2/\text{NDF}: 194.7/22$

+ sign 6.680 ± 0.577 $\chi^2/\text{NDF}: 672.1/42$

All: 6.398 ± 0.411 $\chi^2/\text{NDF}: 1253.7/85$

- sign 6.107 ± 0.586 $\chi^2/\text{NDF}: 581.2/42$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -205.442 ± 1.603 χ^2/NDF : 651.1/17

Left Out: -153.649 ± 0.970 χ^2/NDF : 2930.9/24

Right Out: -193.729 ± 1.510 χ^2/NDF : 1853.9/19

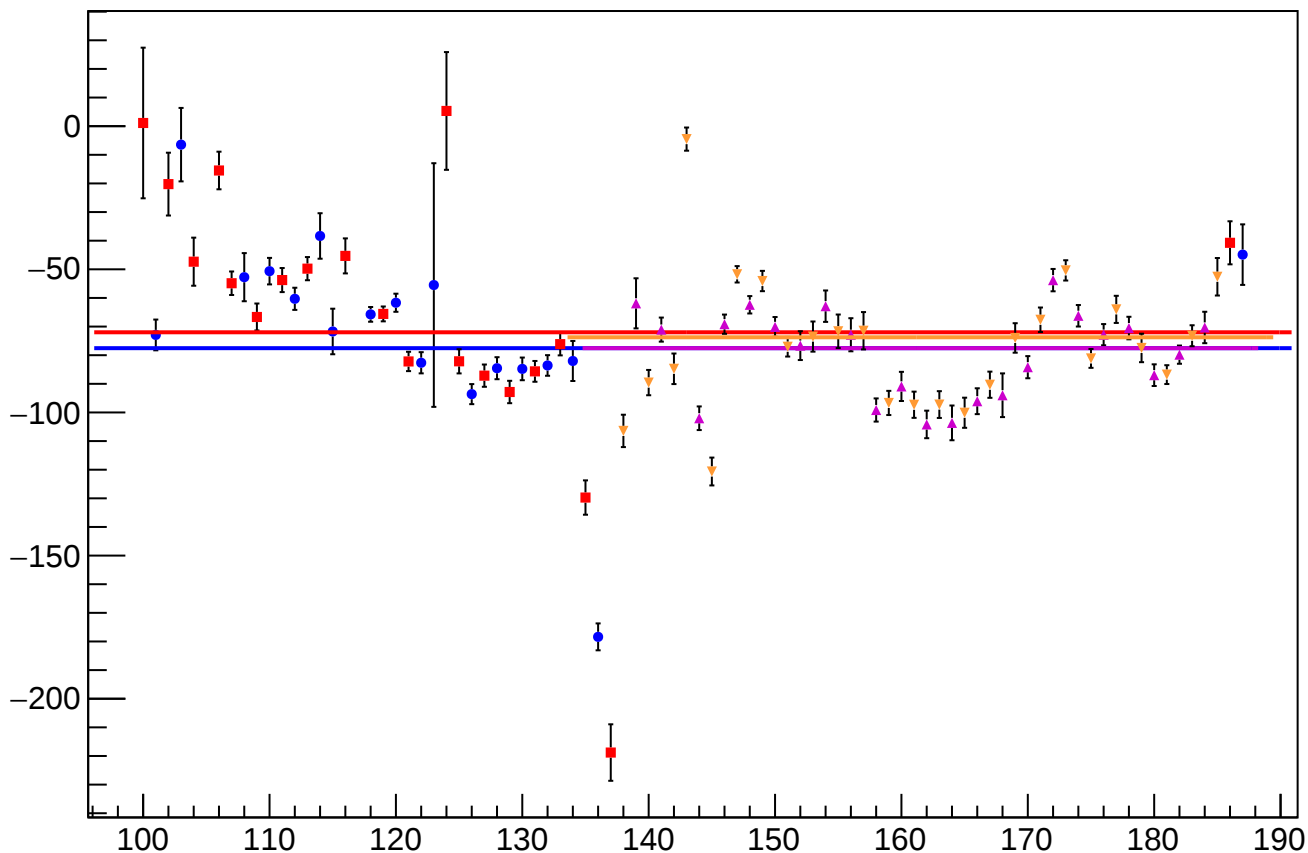
Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

+ sign -167.523 ± 0.830 χ^2/NDF : 4345.9/42

All: -168.901 ± 0.585 χ^2/NDF : 8599.1/85

- sign -170.264 ± 0.825 χ^2/NDF : 4247.6/42

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.545 ± 1.060 χ^2/NDF : 667.8/17

Left Out: -73.741 ± 0.855 χ^2/NDF : 728.3/24

Right Out: -71.998 ± 1.044 χ^2/NDF : 624.5/19

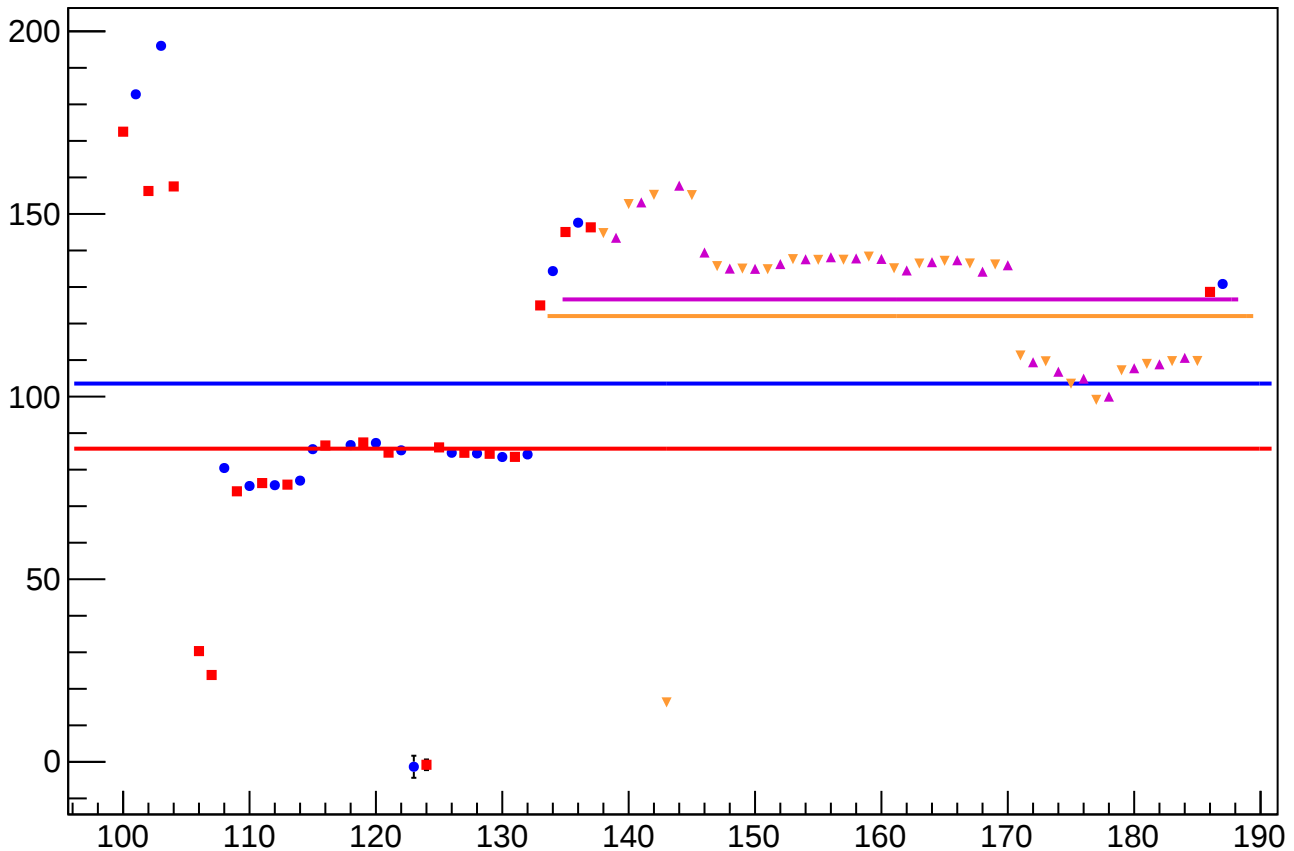
Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

+ sign -75.239 ± 0.665 χ^2/NDF : 1403.9/42

All: -75.240 ± 0.473 χ^2/NDF : 2297.6/85

- sign -75.240 ± 0.673 χ^2/NDF : 893.7/42

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.569 $\pm$ 0.070 χ^2 /NDF: 275715.4/17

Left Out: 122.046 $\pm$ 0.040 χ^2 /NDF: 437985.3/24

Right Out: 85.746 $\pm$ 0.063 χ^2 /NDF: 430223.4/19

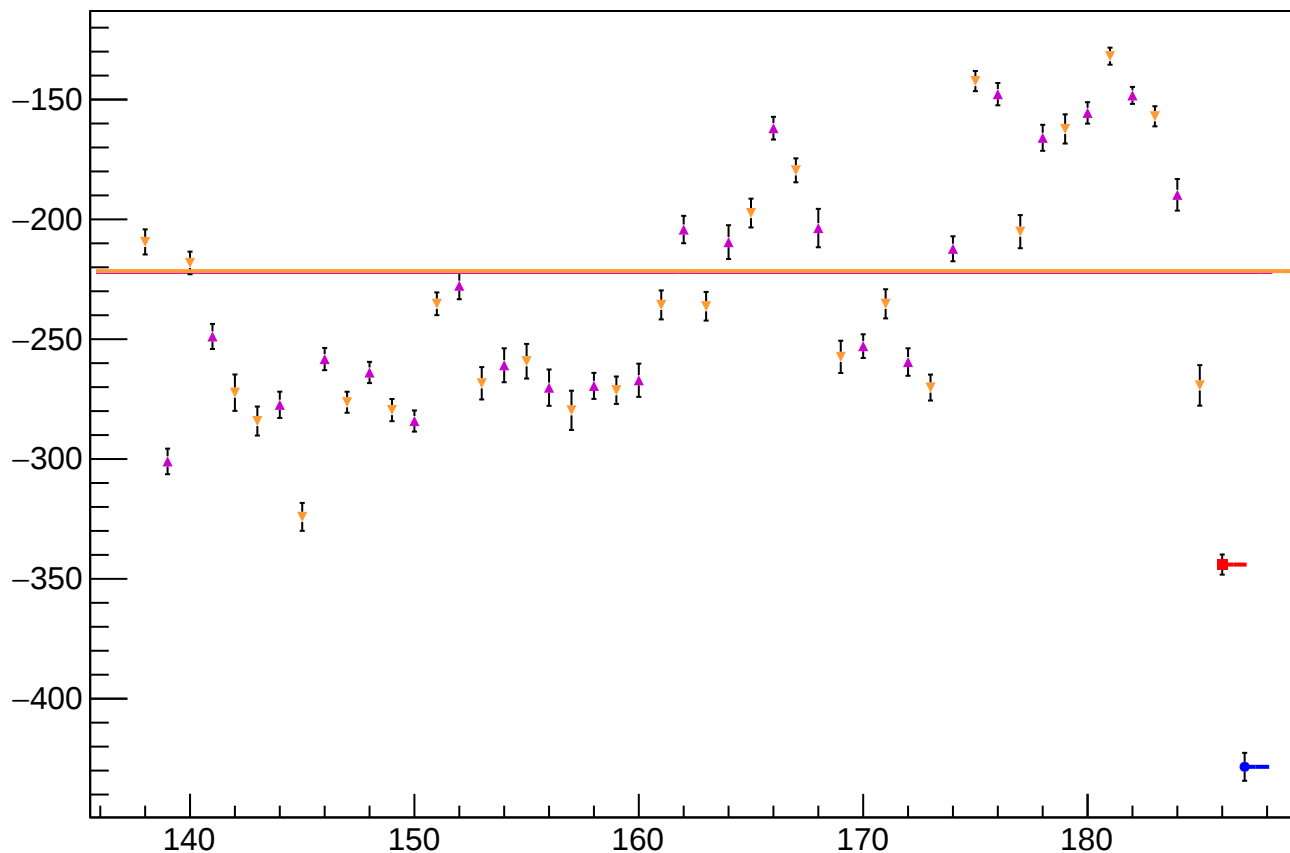
Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

+ sign 117.409 $\pm$ 0.035 χ^2 /NDF: 766117.2/42

All: 115.961 $\pm$ 0.025 χ^2 /NDF: 1658651.7/85

- sign 114.566 $\pm$ 0.034 χ^2 /NDF: 889172.8/42

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -428.433+/-5.832 χ^2/NDF : 0.0/0

Left Out: -221.606+/-1.087 χ^2/NDF : 2565.8/24

Right Out: -344.039+/-4.204 χ^2/NDF : 0.0/0

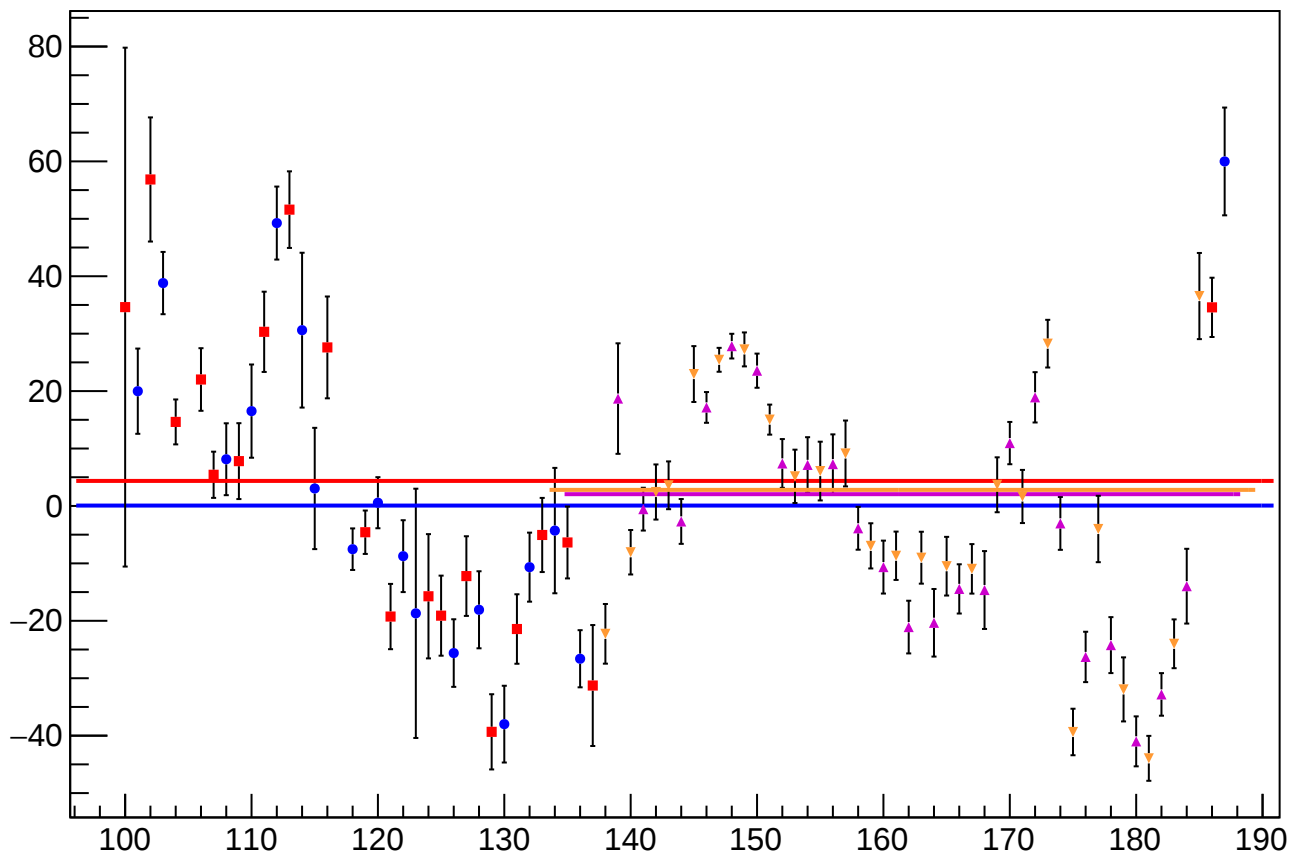
Left In: -221.980+/-1.098 χ^2/NDF : 2190.6/22

+ sign -228.554+/-1.069 χ^2/NDF : 3781.3/25

All: -229.169+/-0.754 χ^2/NDF : 6761.8/49

- sign -229.777+/-1.062 χ^2/NDF : 2979.8/23

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 0.067 ± 1.494 χ^2/NDF : 267.9/17

Left Out: 2.800 ± 0.810 χ^2/NDF : 685.5/24

Right Out: 4.359 ± 1.353 χ^2/NDF : 269.5/19

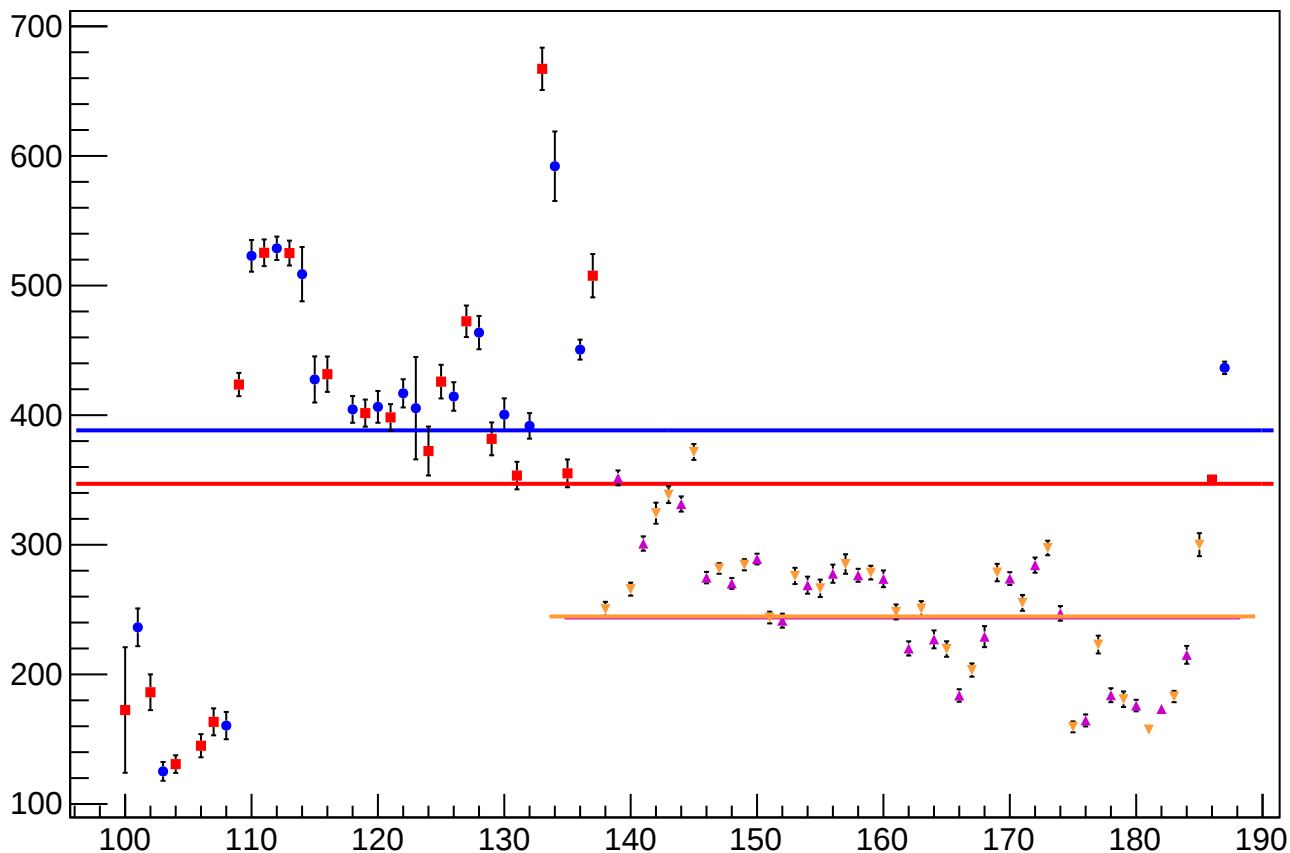
Left In: 2.050 ± 0.833 χ^2/NDF : 592.6/22

+ sign 2.179 ± 0.712 χ^2/NDF : 956.1/42

All: 2.433 ± 0.502 χ^2/NDF : 1820.5/85

- sign 2.684 ± 0.709 χ^2/NDF : 864.2/42

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 388.273 $\pm$ 2.391 χ^2 /NDF: 2568.2/17

Left Out: 244.716 $\pm$ 1.085 χ^2 /NDF: 2565.7/24

Right Out: 347.046 $\pm$ 2.036 χ^2 /NDF: 3418.0/19

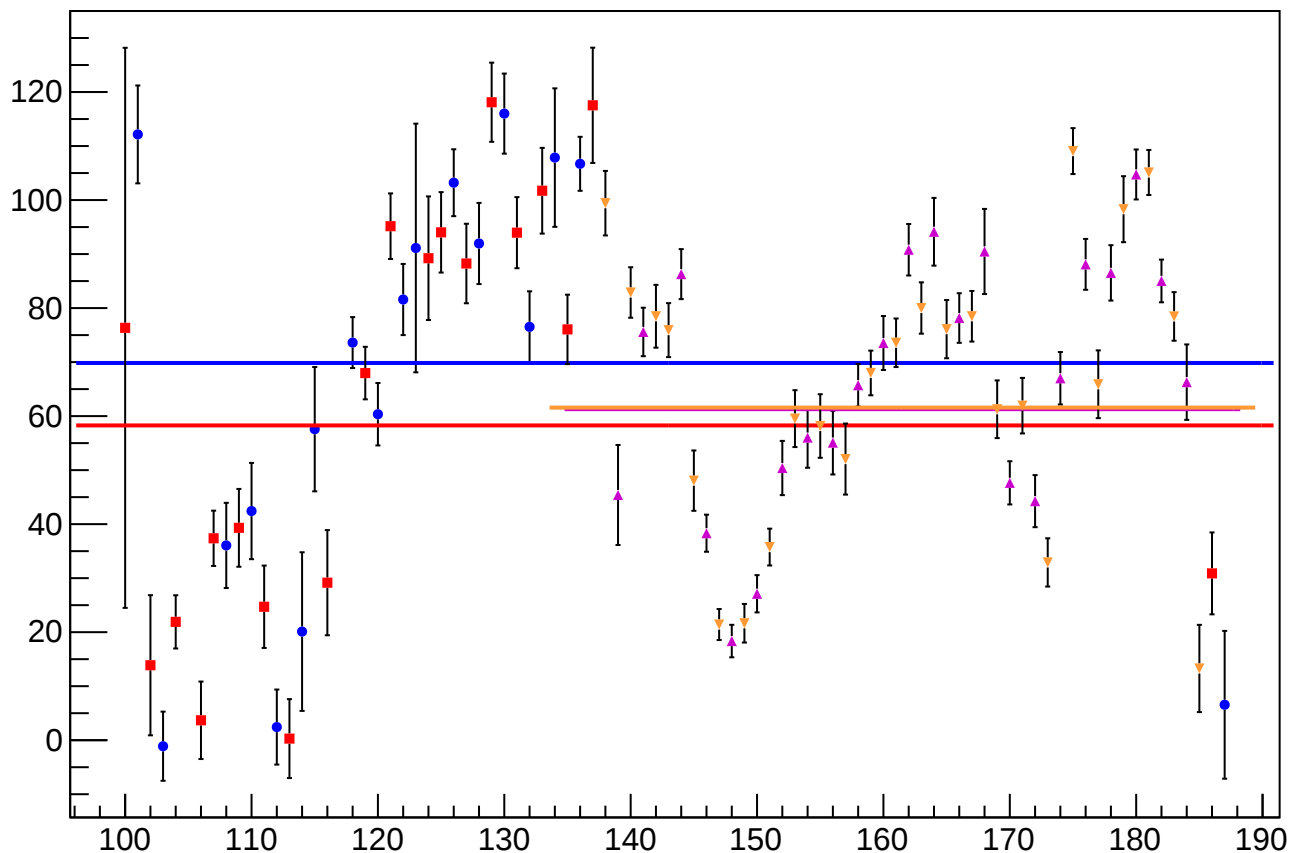
Left In: 243.933 $\pm$ 1.090 χ^2 /NDF: 2294.8/22

+ sign 269.210 $\pm$ 0.988 χ^2 /NDF: 8123.4/42

All: 268.027 $\pm$ 0.689 χ^2 /NDF: 15832.7/85

- sign 266.908 $\pm$ 0.961 χ^2 /NDF: 7706.5/42

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 69.840 $\pm$ 1.729 χ^2 /NDF: 448.7/17

Left Out: 61.575 $\pm$ 0.939 χ^2 /NDF: 870.3/24

Right Out: 58.276 $\pm$ 1.596 χ^2 /NDF: 504.5/19

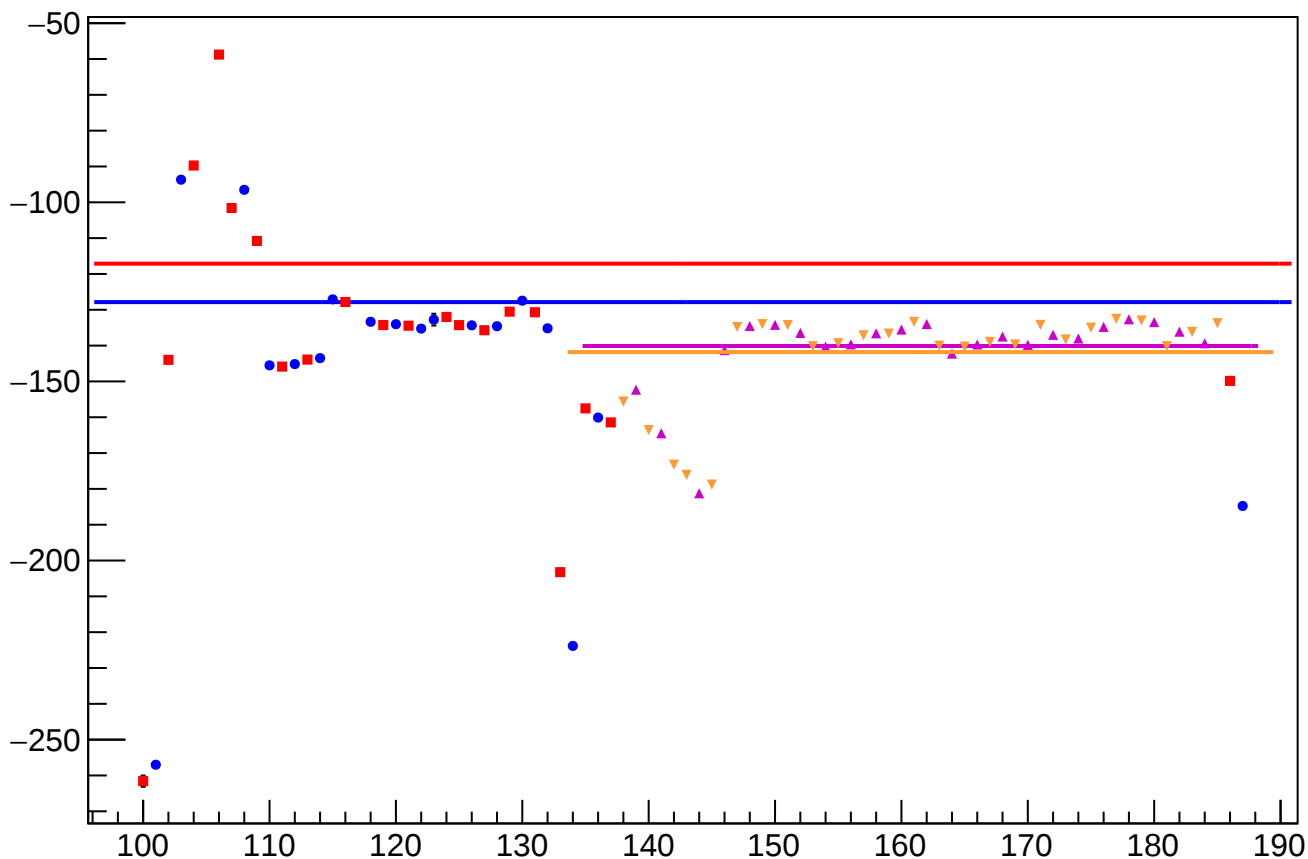
Left In: 61.286 $\pm$ 0.959 χ^2 /NDF: 702.8/22

+ sign 63.457 $\pm$ 0.825 χ^2 /NDF: 1336.6/42

All: 61.967 $\pm$ 0.582 χ^2 /NDF: 2553.1/85

- sign 60.488 $\pm$ 0.822 χ^2 /NDF: 1209.9/42

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.863+/-0.089 χ^2/NDF : 172531.2/17

Left Out: -141.811+/-0.045 χ^2/NDF : 77727.6/24

Right Out: -117.127+/-0.082 χ^2/NDF : 171286.3/19

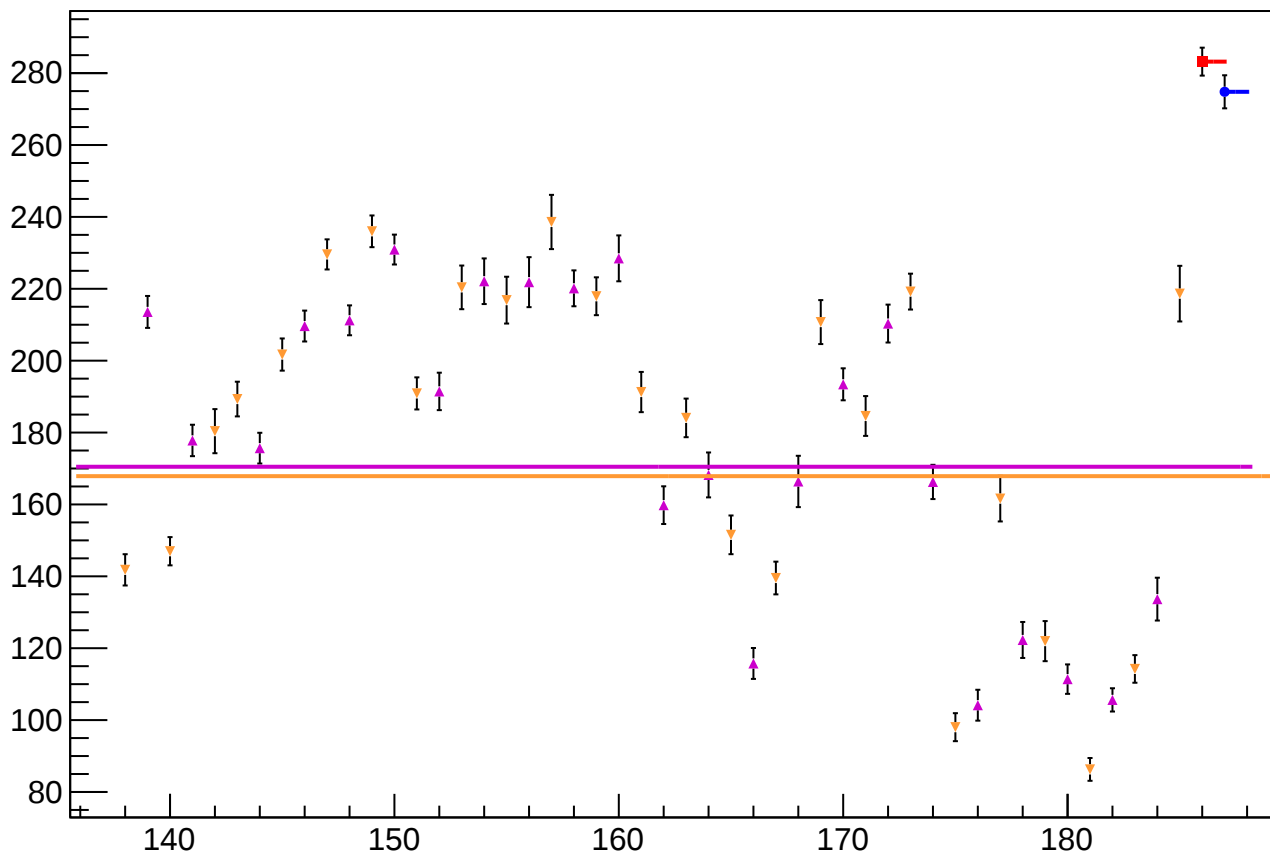
Left In: -140.112+/-0.045 χ^2/NDF : 48400.6/22

+ sign -138.982+/-0.040 χ^2/NDF : 269908.1/42

All: -136.866+/-0.028 χ^2/NDF : 555611.7/85

- sign -134.821+/-0.039 χ^2/NDF : 280201.0/42

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 274.804 $\pm$ 4.602 χ^2 /NDF: 0.0/0

Left Out: 167.868 $\pm$ 0.973 χ^2 /NDF:2465.4/24

Right Out: 283.198 $\pm$ 3.886 χ^2 /NDF: 0.0/0

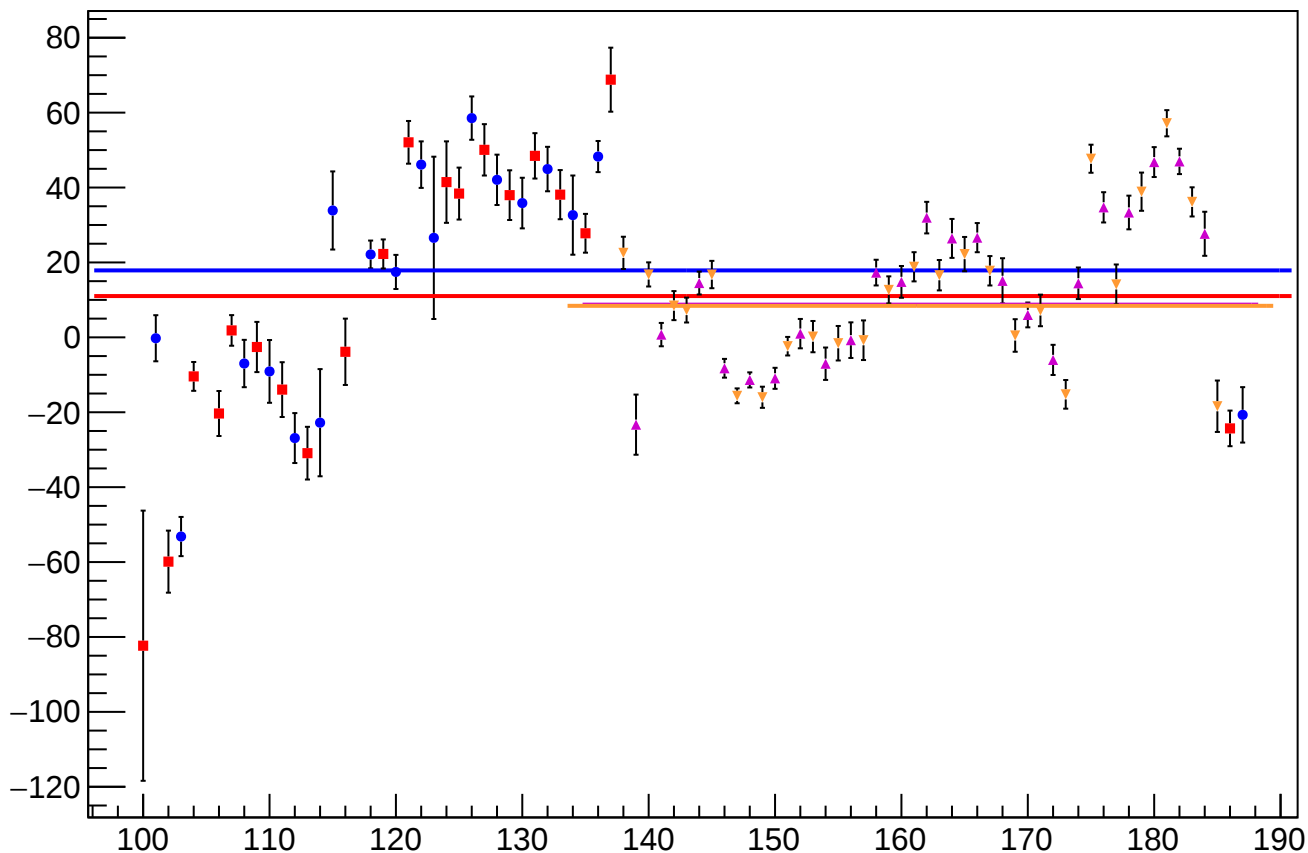
Left In: 170.487 $\pm$ 0.991 χ^2 /NDF:2036.5/22

+ sign 172.448 $\pm$ 0.952 χ^2 /NDF: 2982.3/25

All: 174.889 $\pm$ 0.676 χ^2 /NDF: 5821.9/49

- sign 177.372 $\pm$ 0.960 χ^2 /NDF: 2826.3/23

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 17.874 ± 1.451 $\chi^2/\text{NDF}: 469.3/17$

Left Out: 8.415 ± 0.731 $\chi^2/\text{NDF}: 750.6/24$

Right Out: 11.025 ± 1.336 $\chi^2/\text{NDF}: 496.5/19$

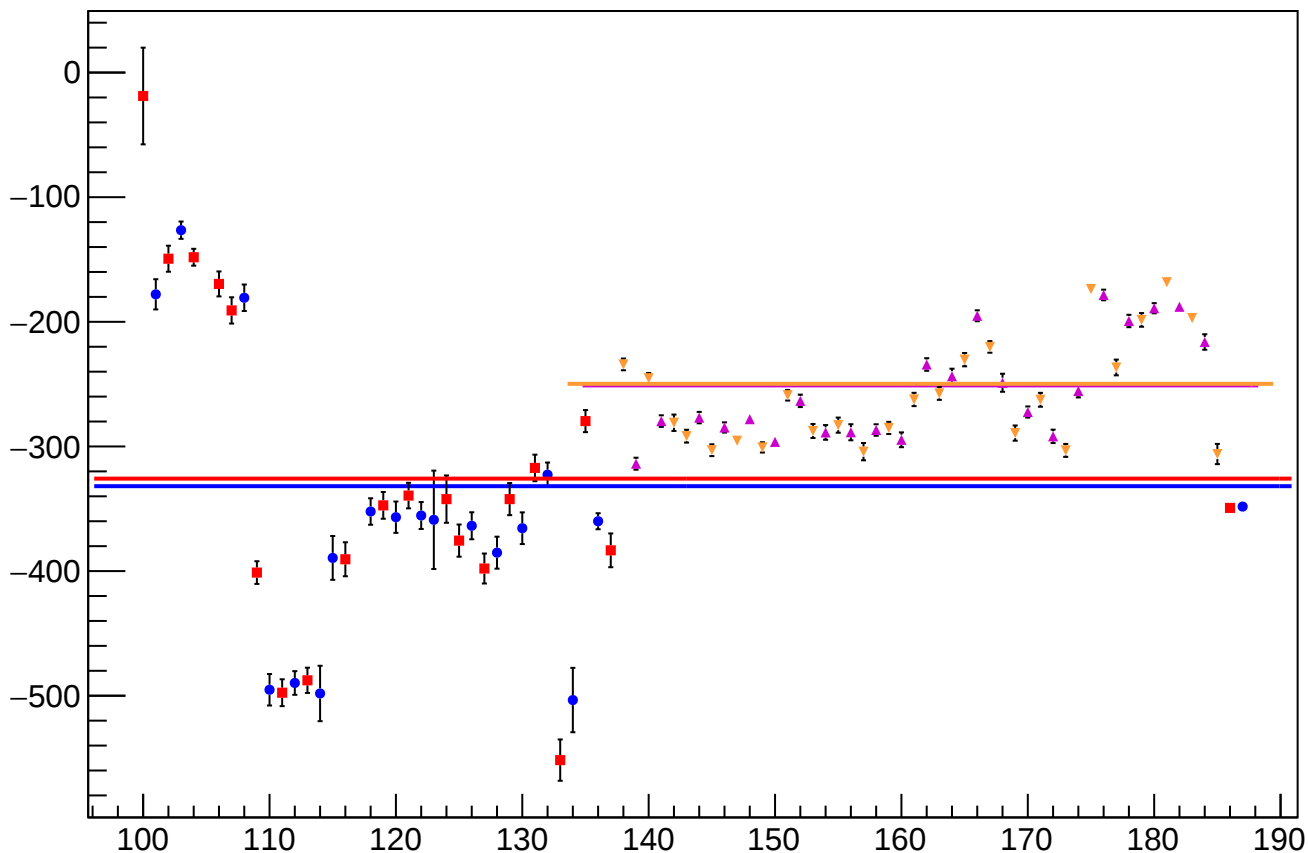
Left In: 8.730 ± 0.757 $\chi^2/\text{NDF}: 630.1/22$

+ sign 10.330 ± 0.653 $\chi^2/\text{NDF}: 1253.8/42$

All: 9.813 ± 0.464 $\chi^2/\text{NDF}: 2383.9/85$

- sign 9.287 ± 0.658 $\chi^2/\text{NDF}: 1128.9/42$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -331.876 ± 2.180 $\chi^2/\text{NDF}: 1878.8/17$

Left Out: -249.759 ± 0.975 $\chi^2/\text{NDF}: 2232.5/24$

Right Out: -325.803 ± 1.956 $\chi^2/\text{NDF}: 2395.6/19$

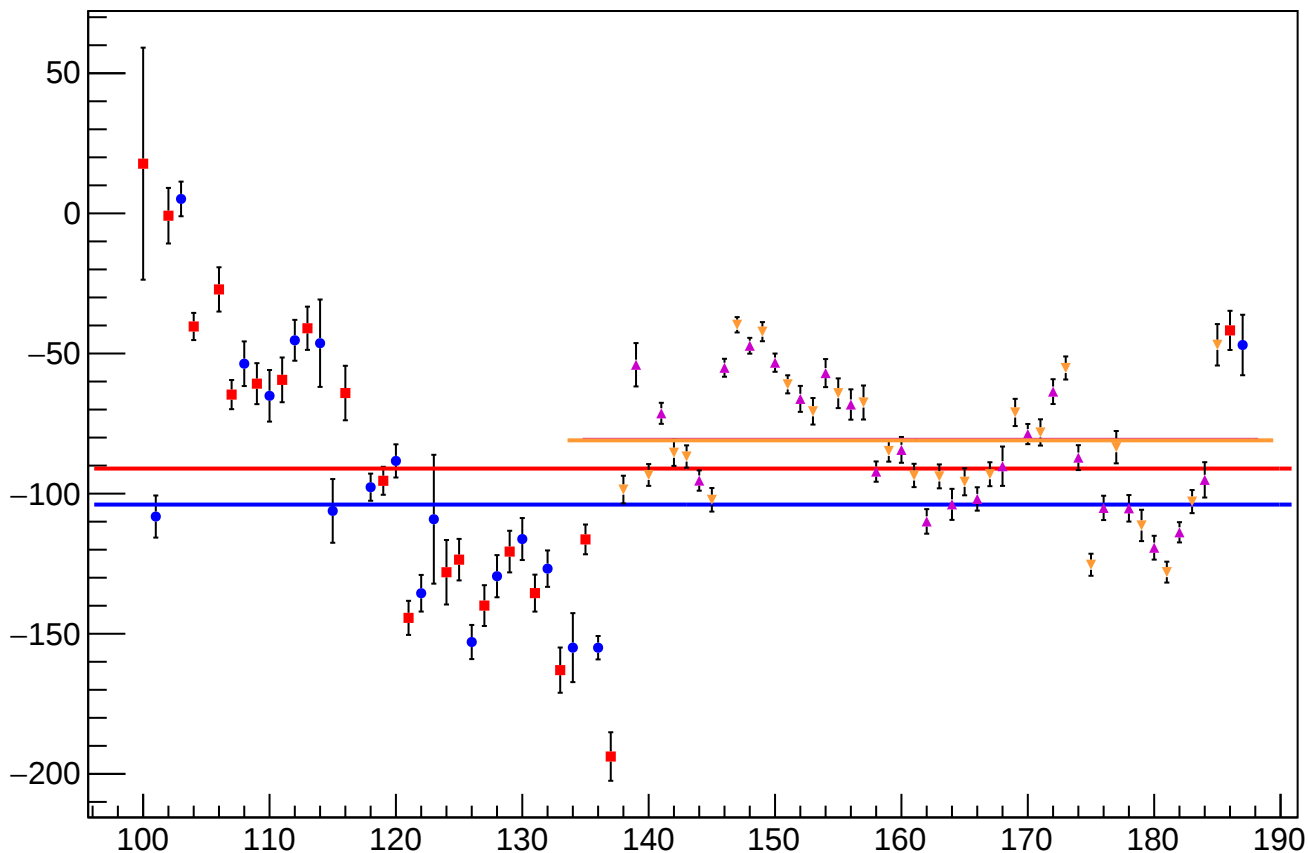
Left In: -251.002 ± 0.987 $\chi^2/\text{NDF}: 1958.3/22$

+ sign -263.454 ± 0.890 $\chi^2/\text{NDF}: 5294.0/42$

All: -264.828 ± 0.626 $\chi^2/\text{NDF}: 10818.2/85$

- sign -266.173 ± 0.881 $\chi^2/\text{NDF}: 5519.5/42$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -103.906 ± 1.673 χ^2/NDF : 766.0/17

Left Out: -80.981 ± 0.846 χ^2/NDF : 911.2/24

Right Out: -91.056 ± 1.570 χ^2/NDF : 879.0/19

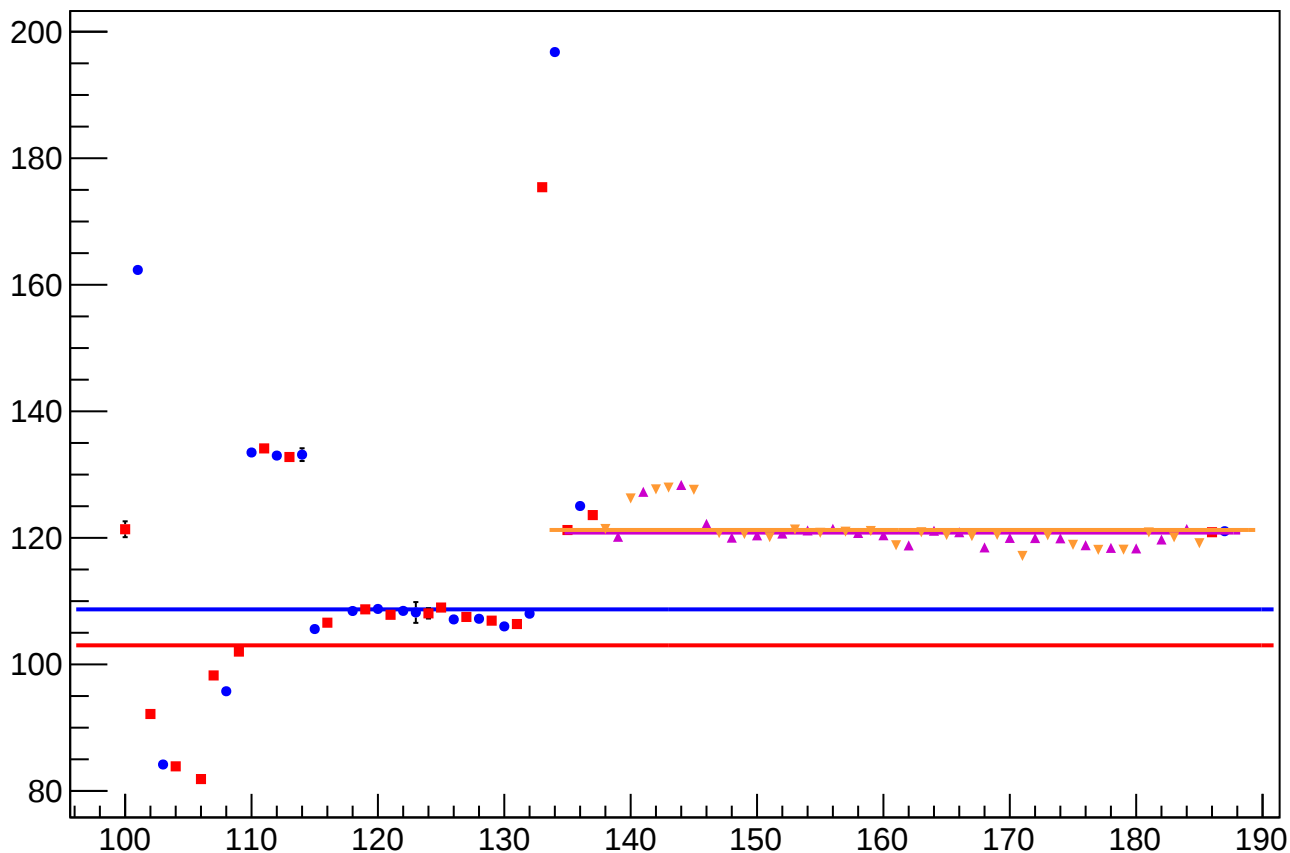
Left In: -80.803 ± 0.870 χ^2/NDF : 695.4/22

+ sign -85.651 ± 0.755 χ^2/NDF : 1826.8/42

All: -84.440 ± 0.536 χ^2/NDF : 3439.0/85

- sign -83.210 ± 0.761 χ^2/NDF : 1607.0/42

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.697 $\pm$ 0.084 χ^2 /NDF: 73717.0/17

Left Out: 121.248 $\pm$ 0.040 χ^2 /NDF: 4820.1/24

Right Out: 103.013 $\pm$ 0.078 χ^2 /NDF: 54429.1/19

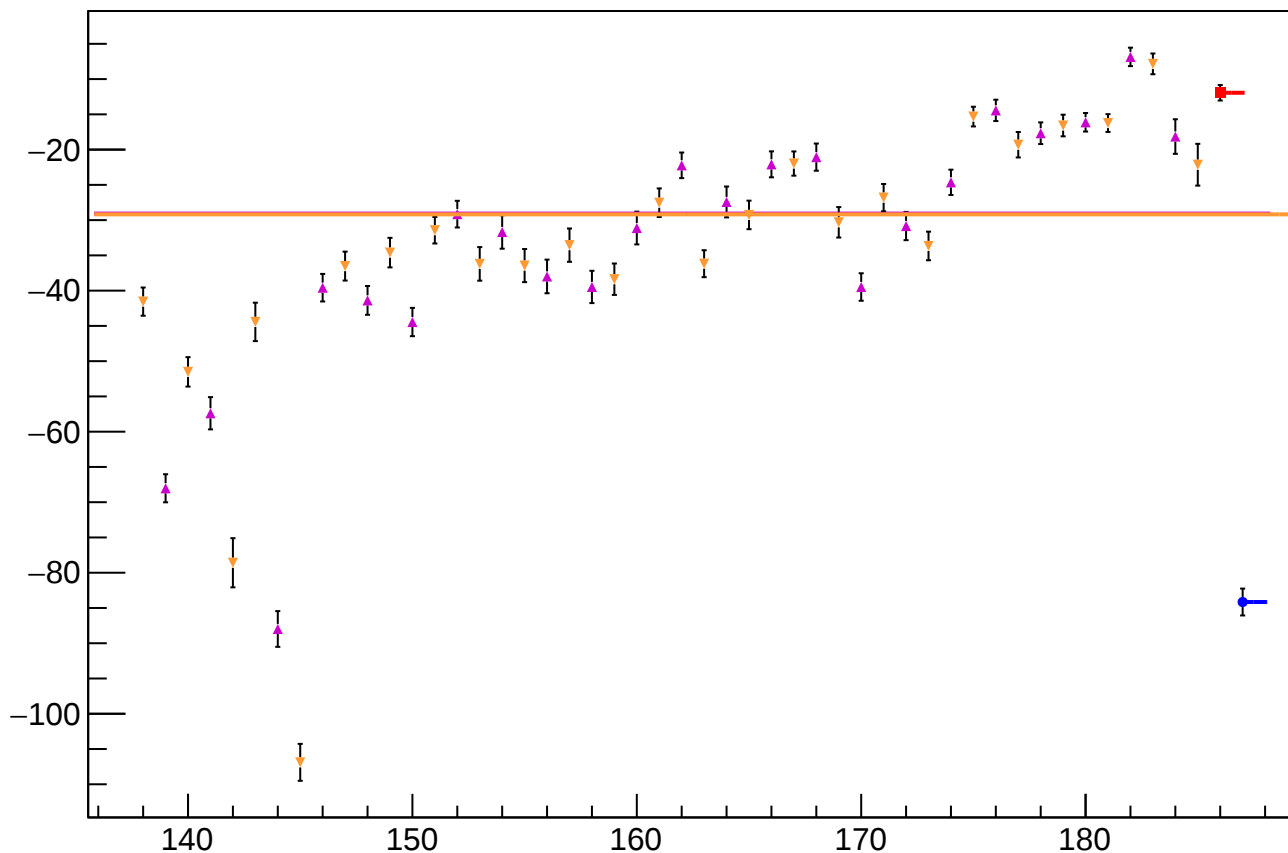
Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

+ sign 118.904 $\pm$ 0.036 χ^2 /NDF: 96727.4/42

All: 117.988 $\pm$ 0.026 χ^2 /NDF: 196499.5/85

- sign 117.085 $\pm$ 0.036 χ^2 /NDF: 98505.7/42

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -84.155 ± 1.906 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -29.182 ± 0.389 $\chi^2/\text{NDF}: 1880.4/24$

Right Out: -11.940 ± 1.098 $\chi^2/\text{NDF}: 0.0/0$

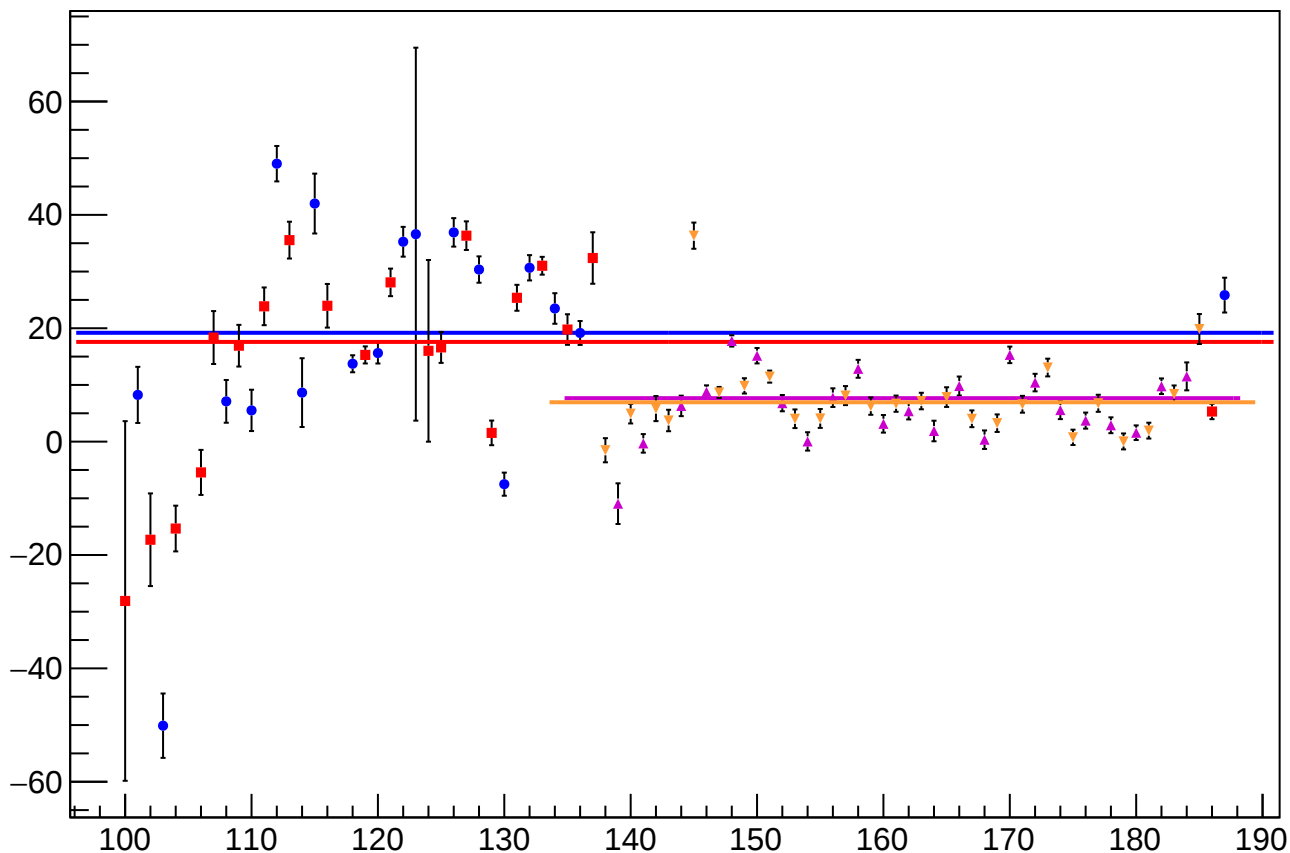
Left In: -29.073 ± 0.394 $\chi^2/\text{NDF}: 1872.4/22$

+ sign -31.383 ± 0.381 $\chi^2/\text{NDF}: 2679.1/25$

All: -29.191 ± 0.266 $\chi^2/\text{NDF}: 4831.5/49$

- sign -27.120 ± 0.371 $\chi^2/\text{NDF}: 2088.2/23$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 19.198 ± 0.630 χ^2/NDF : 623.8/17

Left Out: 6.943 ± 0.304 χ^2/NDF : 322.6/24

Right Out: 17.590 ± 0.581 χ^2/NDF : 467.1/19

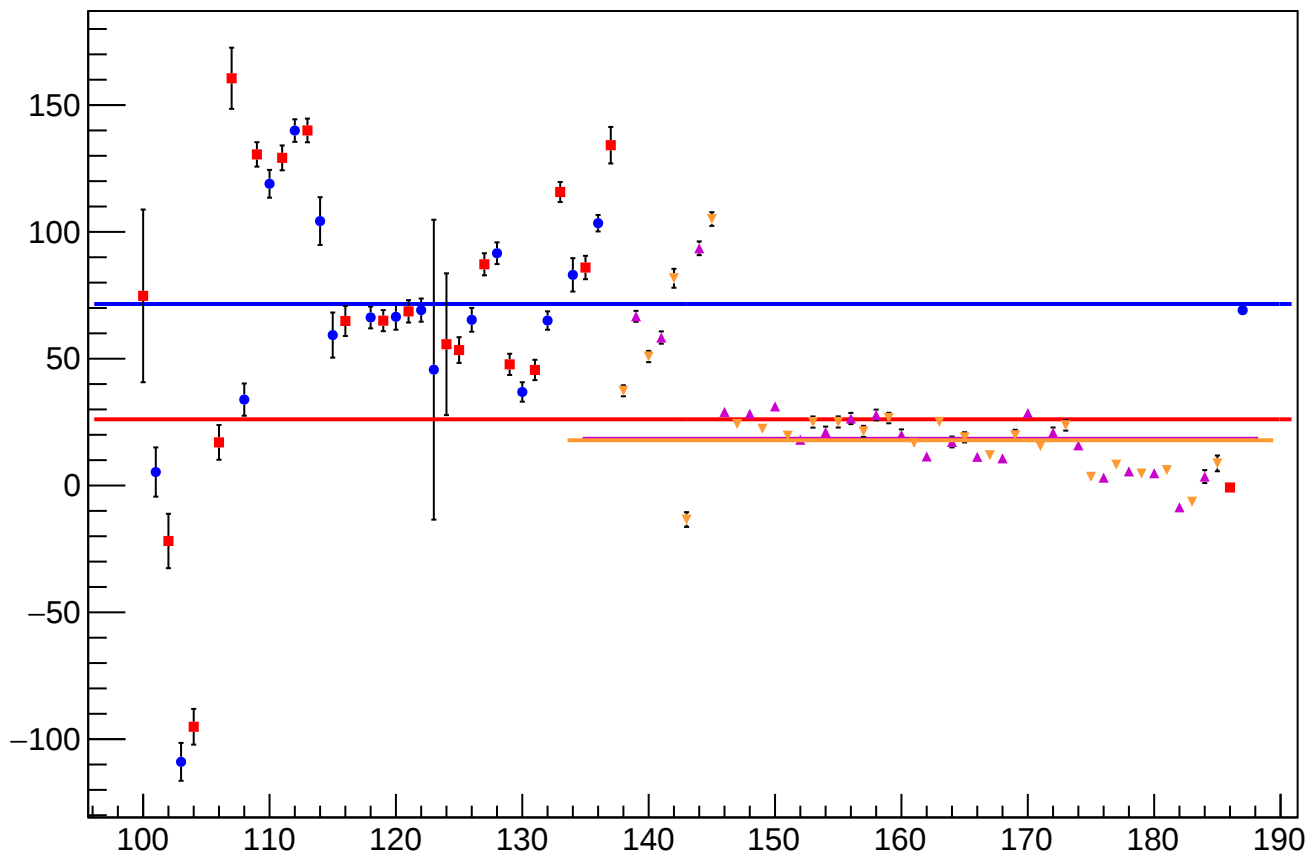
Left In: 7.666 ± 0.313 χ^2/NDF : 341.1/22

+ sign 9.254 ± 0.274 χ^2/NDF : 1253.7/42

All: 9.573 ± 0.194 χ^2/NDF : 2290.9/85

- sign 9.896 ± 0.275 χ^2/NDF : 1034.5/42

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 71.571 $\pm$ 0.966 χ^2 /NDF: 1203.9/17

Left Out: 17.841 $\pm$ 0.388 χ^2 /NDF: 2399.7/24

Right Out: 26.102 $\pm$ 0.713 χ^2 /NDF: 4299.2/19

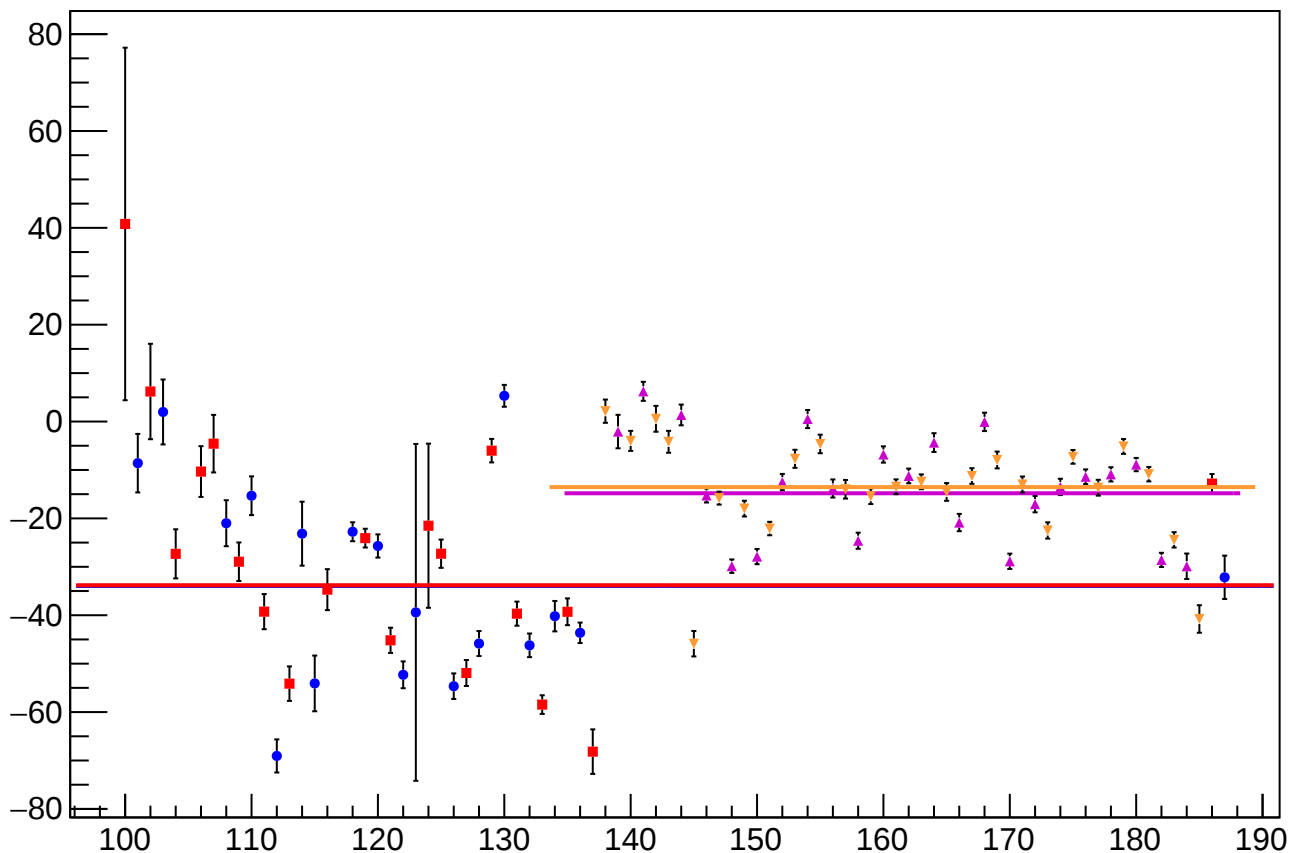
Left In: 18.416 $\pm$ 0.391 χ^2 /NDF: 2468.4/22

+ sign 25.297 $\pm$ 0.360 χ^2 /NDF: 6267.0/42

All: 22.623 $\pm$ 0.248 χ^2 /NDF: 13229.2/85

- sign 20.194 $\pm$ 0.343 χ^2 /NDF: 6856.9/42

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.943 ± 0.727 χ^2/NDF : 720.0/17

Left Out: -13.535 ± 0.345 χ^2/NDF : 574.6/24

Right Out: -33.808 ± 0.690 χ^2/NDF : 671.1/19

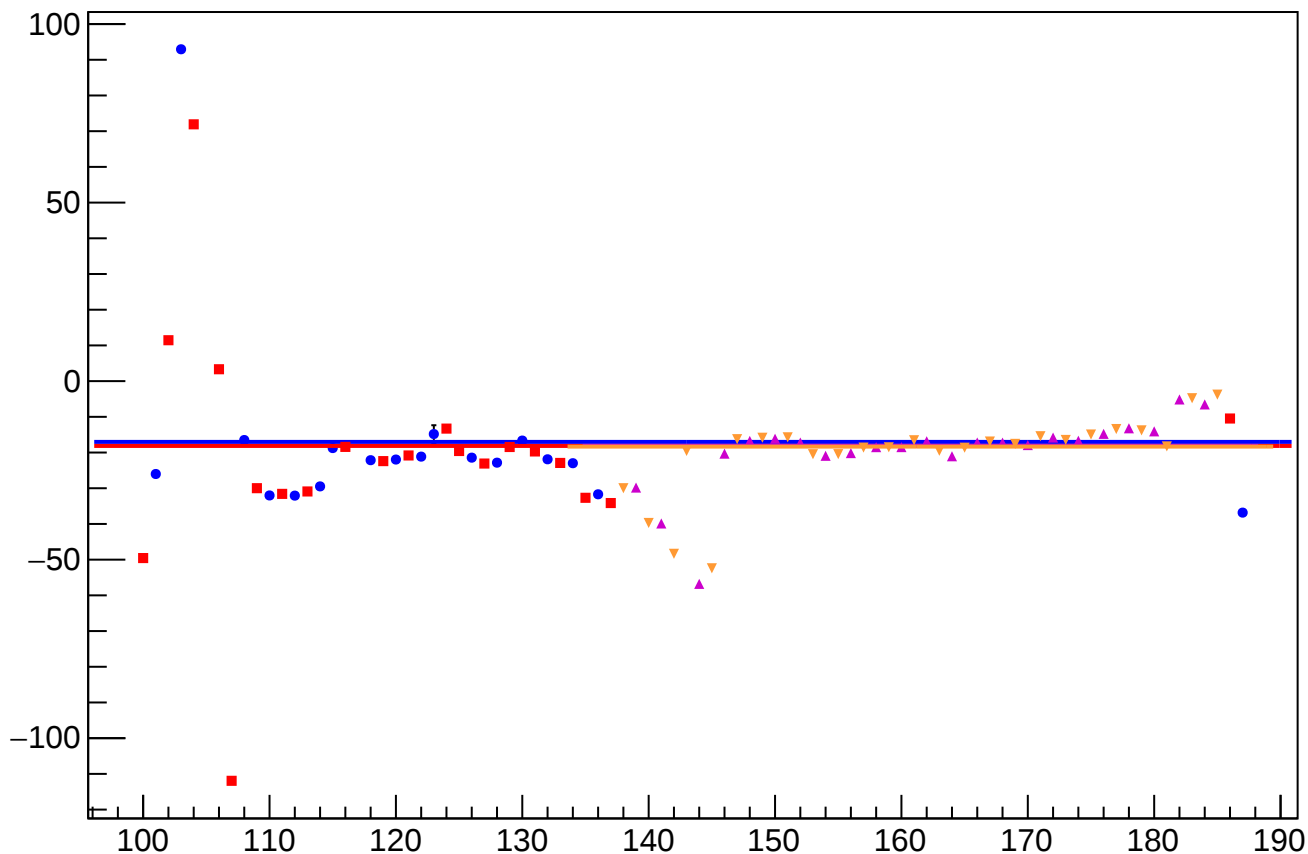
Left In: -14.815 ± 0.353 χ^2/NDF : 838.2/22

+ sign -17.285 ± 0.311 χ^2/NDF : 1938.6/42

All: -18.012 ± 0.221 χ^2/NDF : 4058.8/85

- sign -18.753 ± 0.314 χ^2/NDF : 2109.1/42

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -17.021 ± 0.044 $\chi^2/\text{NDF}: 480706.9/17$

Left Out: -18.337 ± 0.016 $\chi^2/\text{NDF}: 283793.3/24$

Right Out: -18.152 ± 0.043 $\chi^2/\text{NDF}: 437389.5/19$

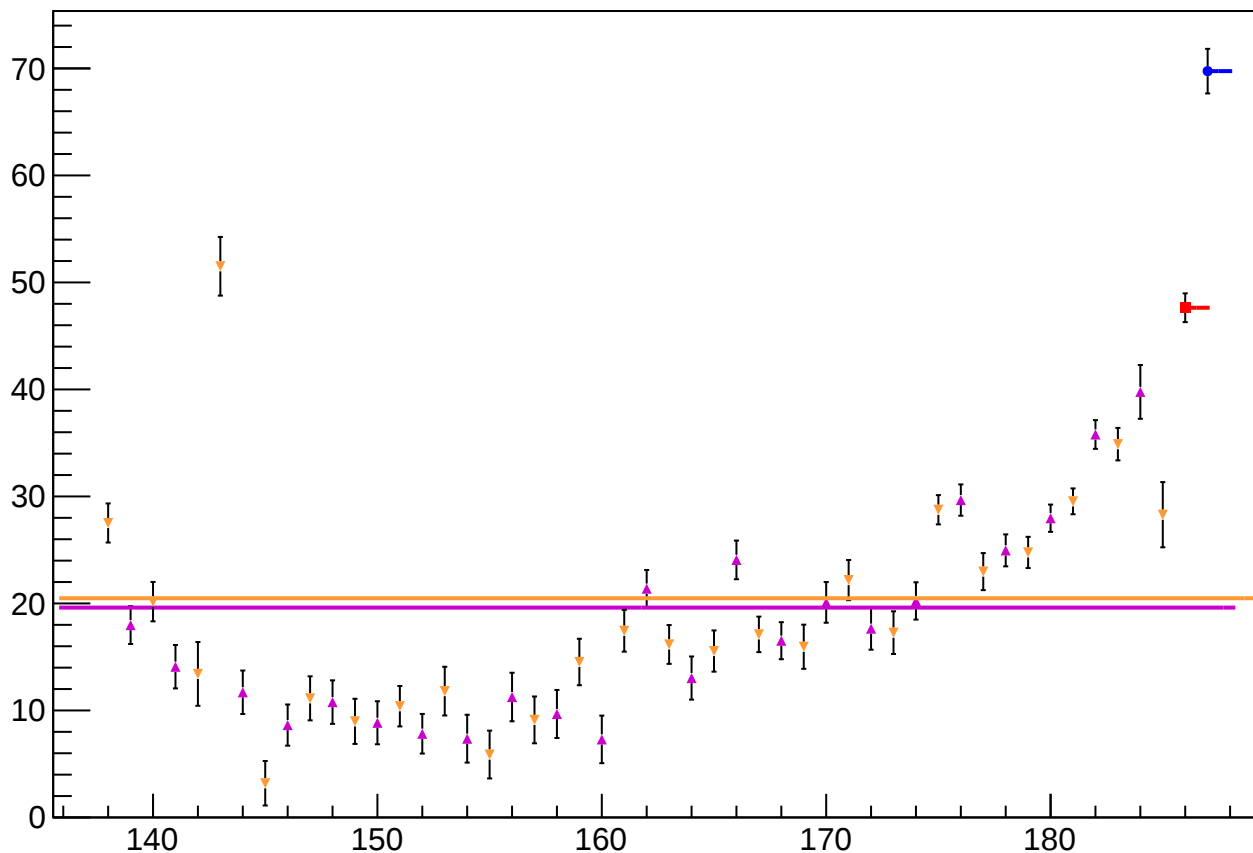
Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

+ sign -18.184 ± 0.015 $\chi^2/\text{NDF}: 765300.7/42$

All: -18.161 ± 0.011 $\chi^2/\text{NDF}: 1448345.8/85$

- sign -18.137 ± 0.015 $\chi^2/\text{NDF}: 683039.9/42$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 69.747 $\pm$ 2.082 χ^2 /NDF: 0.0/0

Left Out: 20.485 $\pm$ 0.374 χ^2 /NDF:615.7/24

Right Out: 47.635 $\pm$ 1.343 χ^2 /NDF: 0.0/0

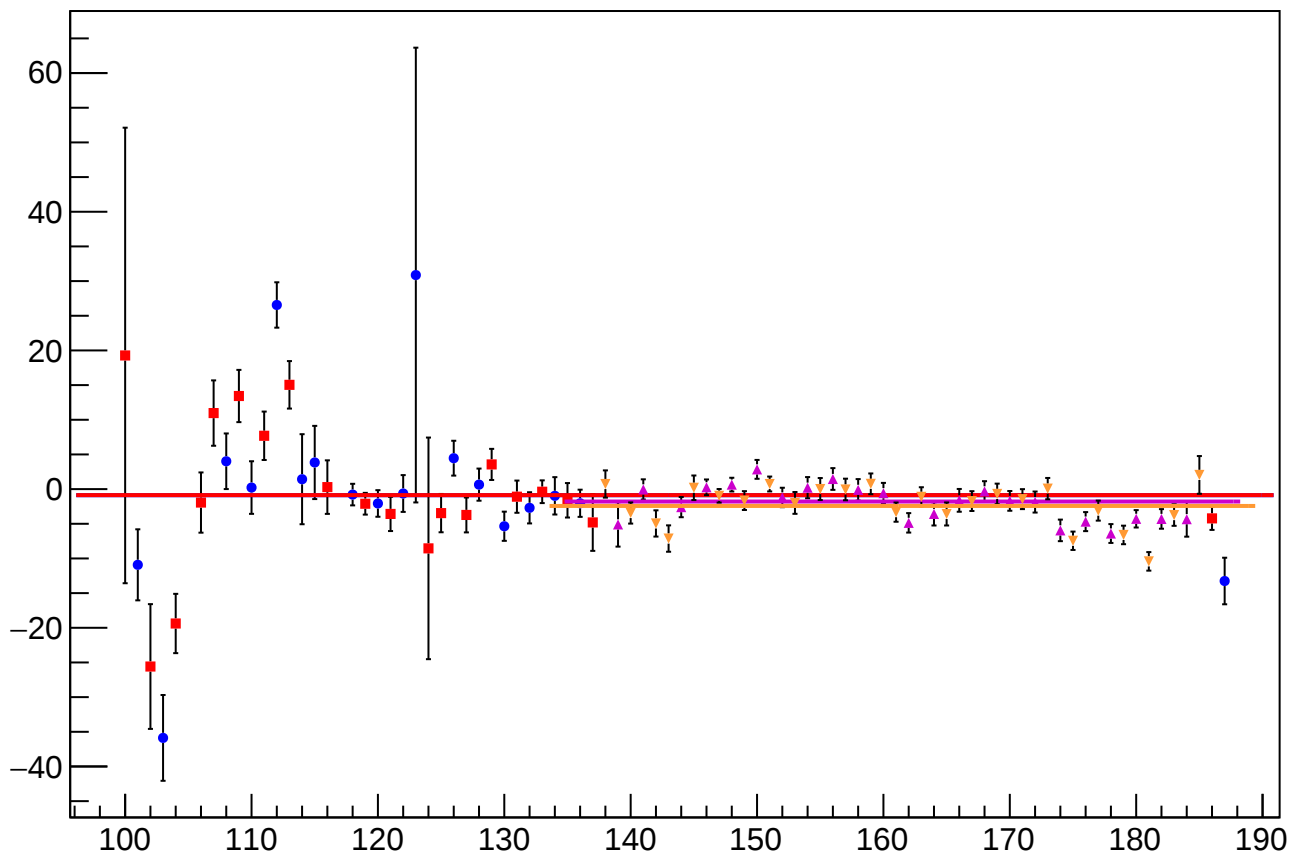
Left In: 19.612 $\pm$ 0.379 χ^2 /NDF:572.7/22

+ sign 22.022 $\pm$ 0.368 χ^2 /NDF: 1157.9/25

All: 21.846 $\pm$ 0.259 χ^2 /NDF: 2134.1/49

- sign 21.674 $\pm$ 0.364 χ^2 /NDF: 975.8/23

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.882 ± 0.641 χ^2/NDF : 134.0/17

Left Out: -2.429 ± 0.293 χ^2/NDF : 103.7/24

Right Out: -0.867 ± 0.611 χ^2/NDF : 88.4/19

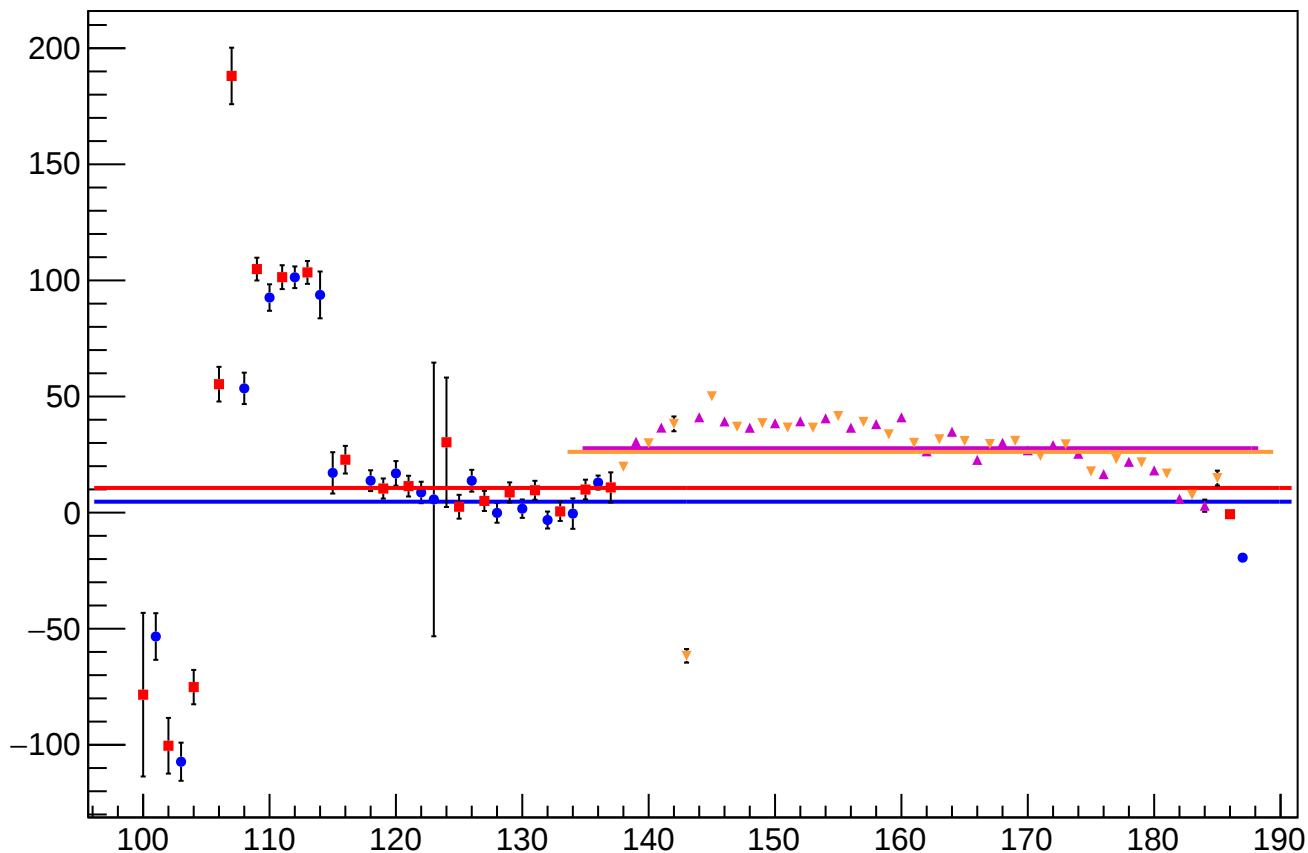
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.162 ± 0.266 χ^2/NDF : 242.6/42

All: -1.890 ± 0.190 χ^2/NDF : 405.0/85

- sign -1.611 ± 0.270 χ^2/NDF : 160.3/42

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 4.703 ± 1.003 χ^2/NDF : 1245.3/17

Left Out: 26.164 ± 0.373 χ^2/NDF : 1577.6/24

Right Out: 10.621 ± 0.813 χ^2/NDF : 1636.7/19

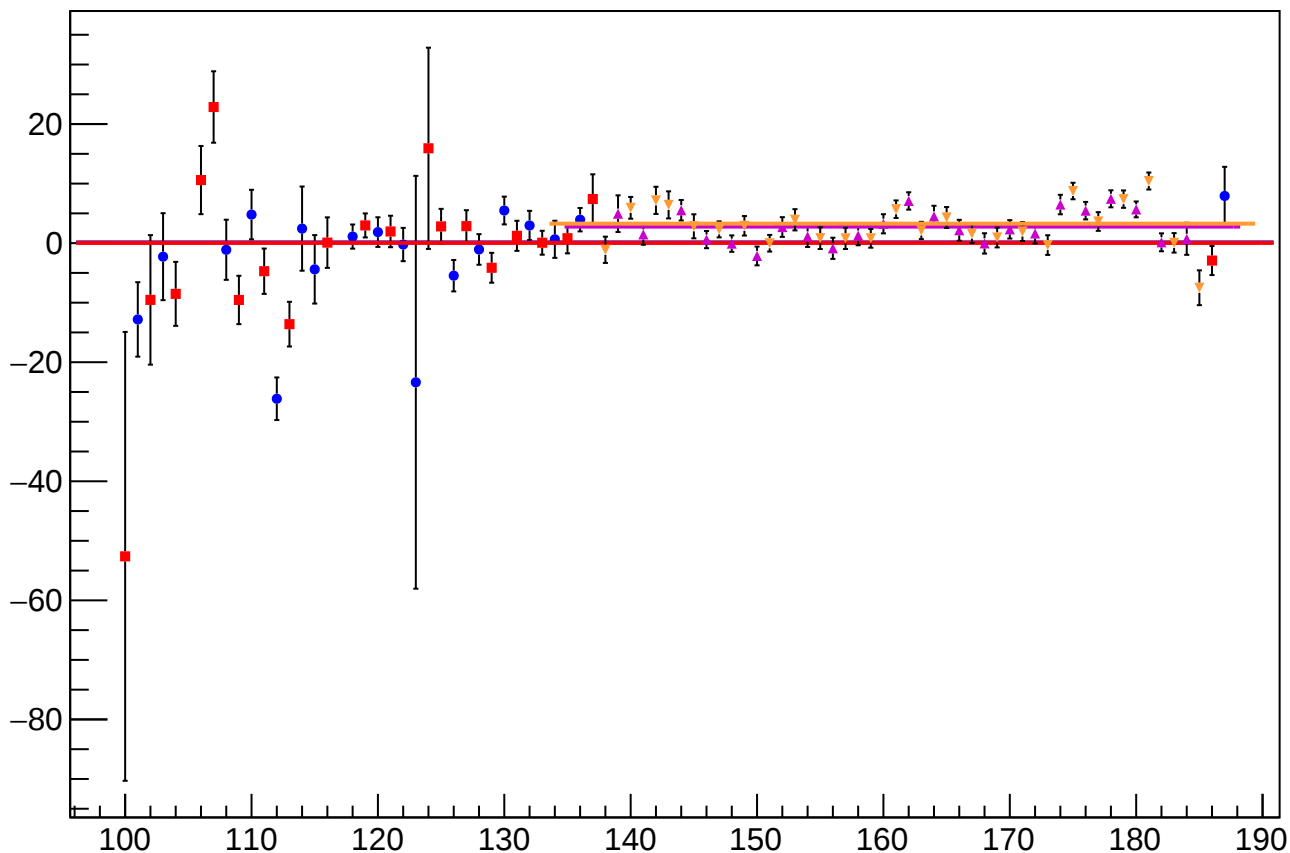
Left In: 27.725 ± 0.377 χ^2/NDF : 805.1/22

+ sign 23.560 ± 0.349 χ^2/NDF : 3224.8/42

All: 24.145 ± 0.244 χ^2/NDF : 6036.1/85

- sign 24.705 ± 0.342 χ^2/NDF : 2805.8/42

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: 0.121 ± 0.735 χ^2/NDF : 79.1/17

Left Out: 3.275 ± 0.332 χ^2/NDF : 101.8/24

Right Out: 0.045 ± 0.716 χ^2/NDF : 56.7/19

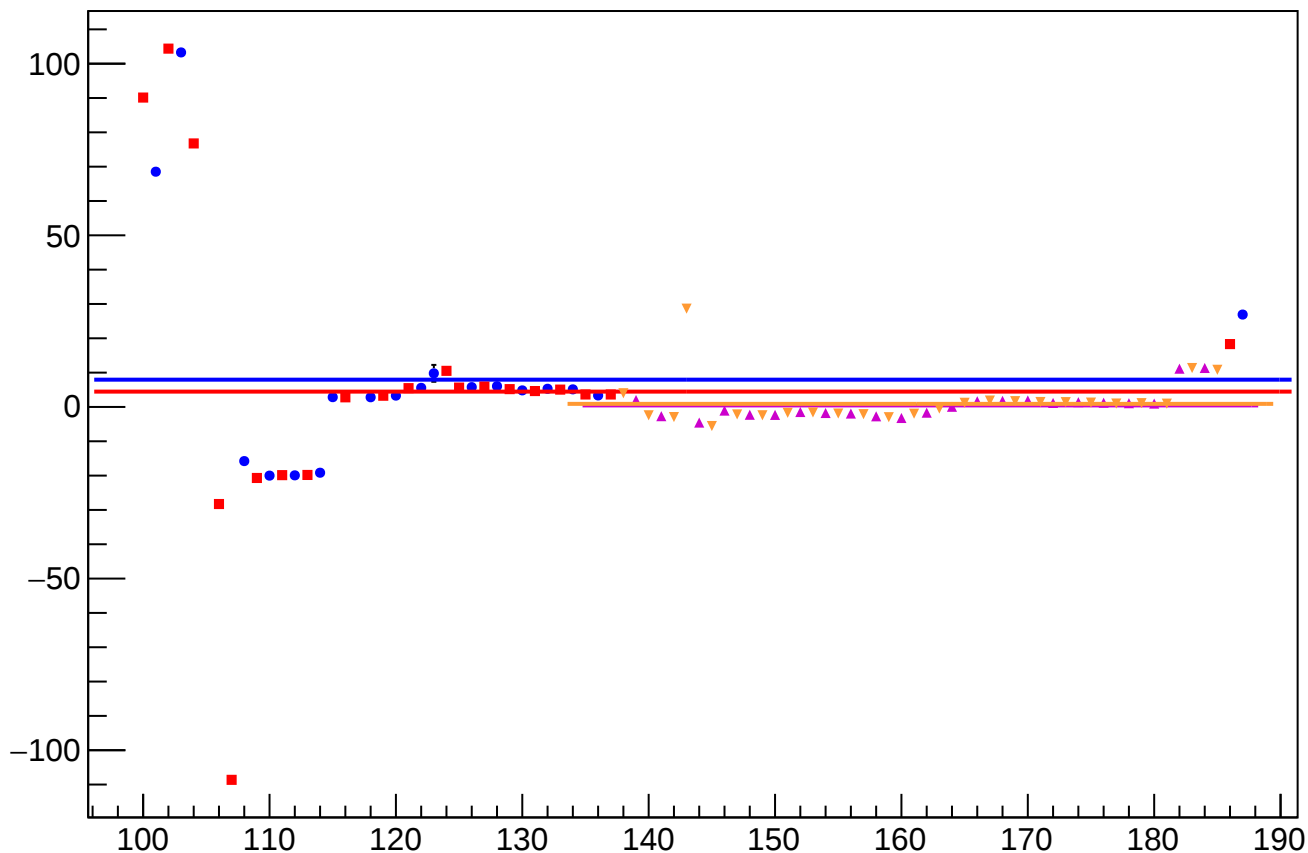
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.741 ± 0.303 χ^2/NDF : 196.2/42

All: 2.511 ± 0.216 χ^2/NDF : 332.5/85

- sign 2.274 ± 0.307 χ^2/NDF : 135.1/42

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.948 ± 0.044 $\chi^2/\text{NDF}: 360917.9/17$

Left Out: 0.898 ± 0.015 $\chi^2/\text{NDF}: 108195.0/24$

Right Out: 4.469 ± 0.044 $\chi^2/\text{NDF}: 517481.8/19$

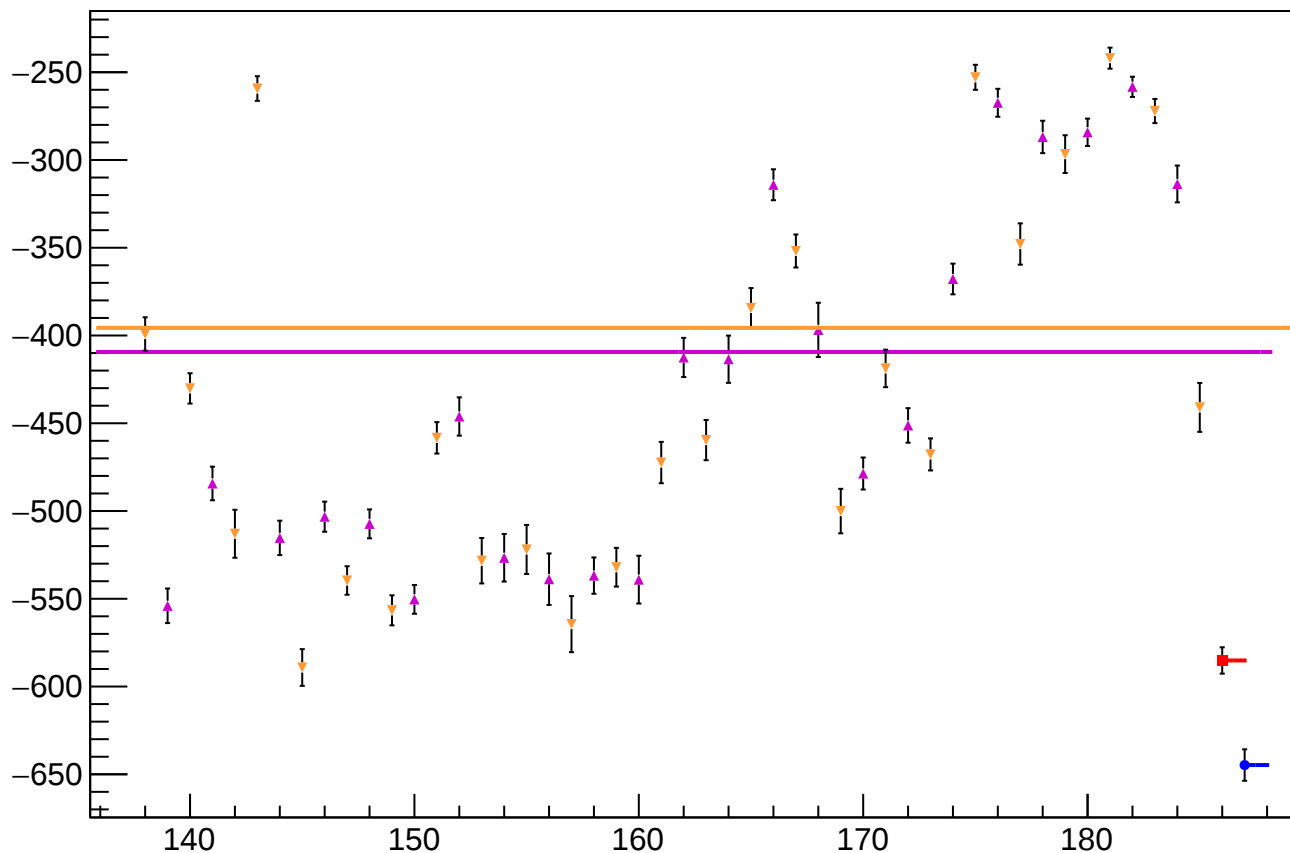
Left In: 0.448 ± 0.015 $\chi^2/\text{NDF}: 50533.6/22$

+ sign 1.655 ± 0.014 $\chi^2/\text{NDF}: 492176.7/42$

All: 1.273 ± 0.010 $\chi^2/\text{NDF}: 1069050.7/85$

- sign 0.884 ± 0.015 $\chi^2/\text{NDF}: 575447.6/42$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -644.742 ± 8.964 χ^2/NDF : 0.0/0

Left Out: -395.638 ± 1.909 χ^2/NDF : 3704.0/24

Right Out: -585.144 ± 7.497 χ^2/NDF : 0.0/0

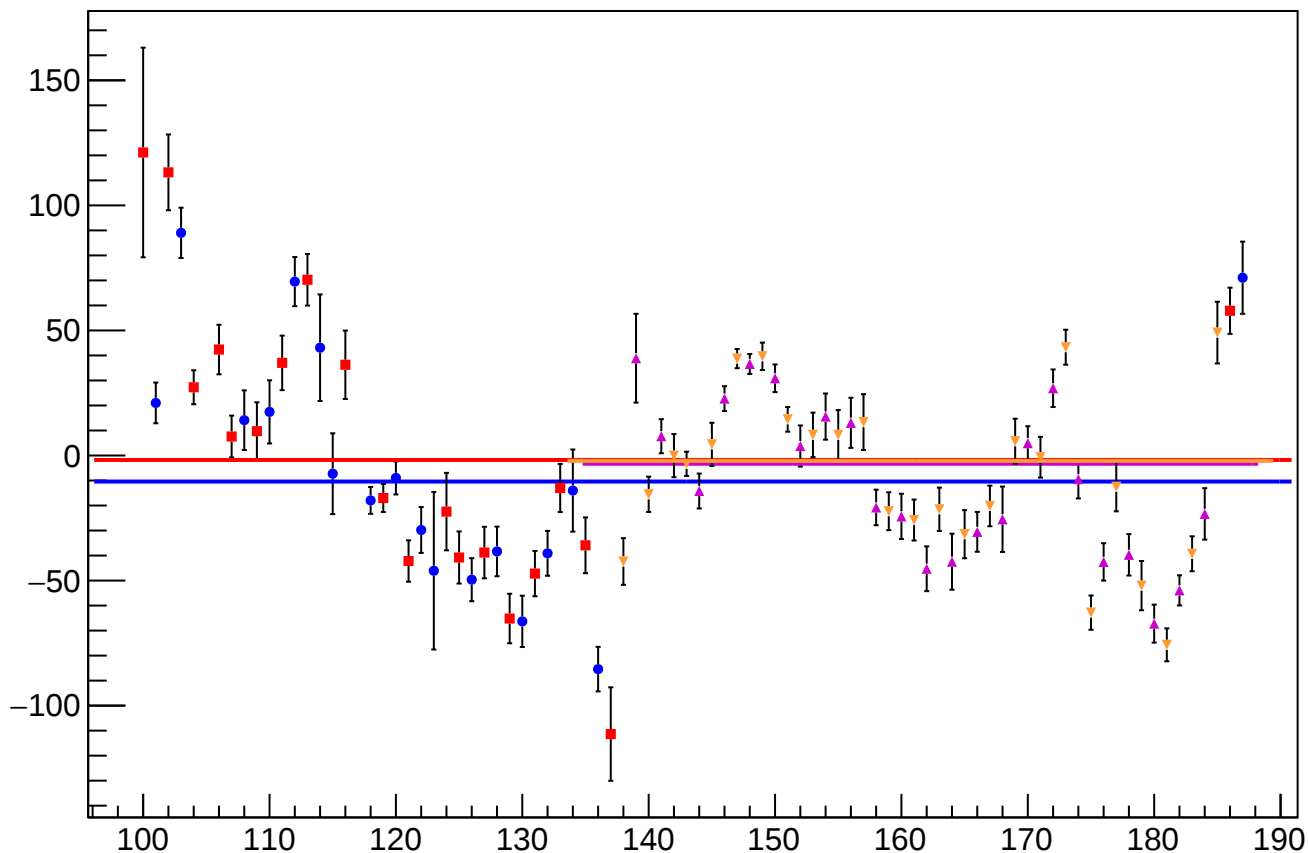
Left In: -409.377 ± 1.971 χ^2/NDF : 3096.1/22

+ sign -406.445 ± 1.867 χ^2/NDF : 4442.7/25

All: -413.446 ± 1.334 χ^2/NDF : 8081.7/49

- sign -420.745 ± 1.907 χ^2/NDF : 3610.3/23

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -10.410 ± 2.282 χ^2/NDF : 373.8/17

Left Out: -2.133 ± 1.435 χ^2/NDF : 562.8/24

Right Out: -1.779 ± 2.199 χ^2/NDF : 388.8/19

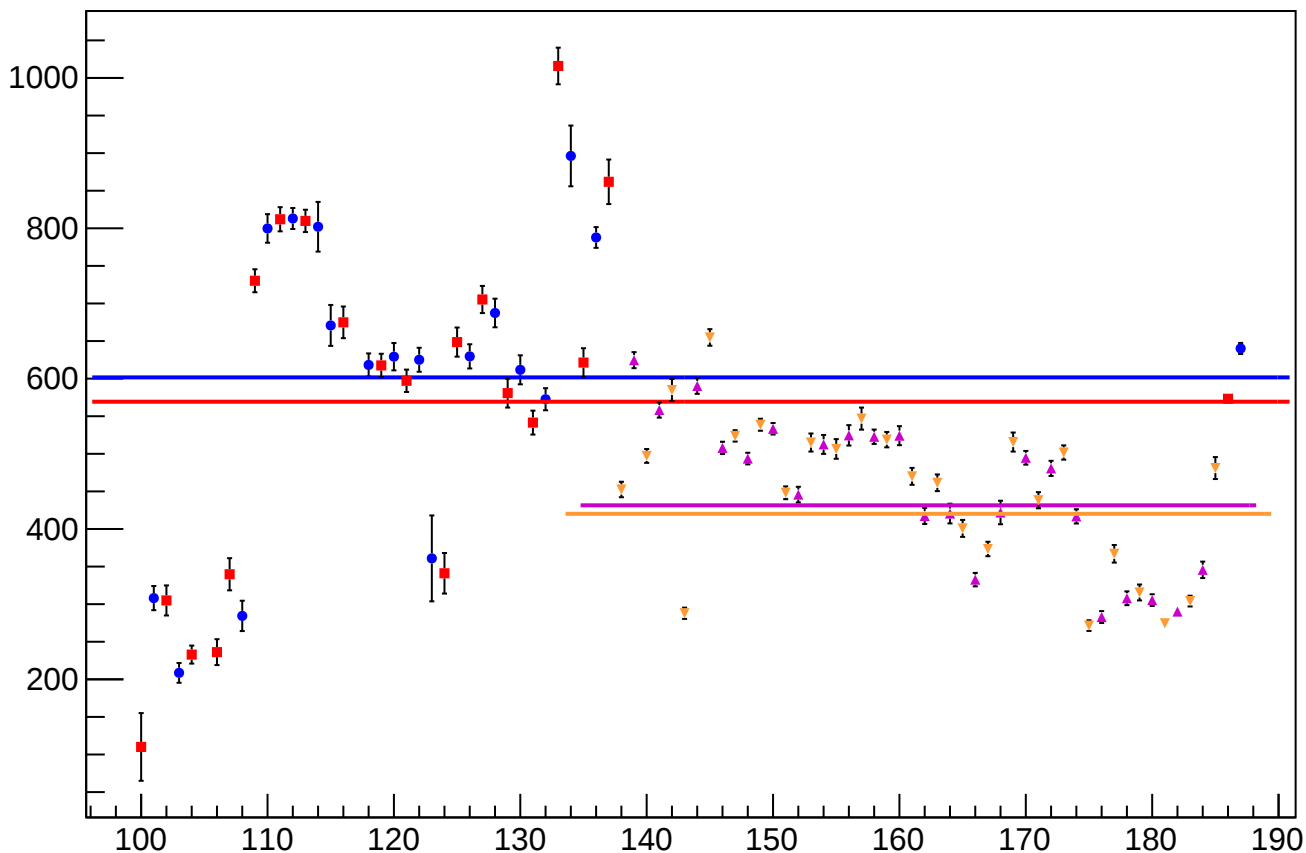
Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

+ sign -4.479 ± 1.215 χ^2/NDF : 946.0/42

All: -3.664 ± 0.871 χ^2/NDF : 1790.5/85

- sign -2.803 ± 1.248 χ^2/NDF : 843.6/42

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 601.670 ± 3.726 χ^2/NDF : 2166.9/17

Left Out: 420.181 ± 1.916 χ^2/NDF : 3241.0/24

Right Out: 569.326 ± 3.402 χ^2/NDF : 2785.5/19

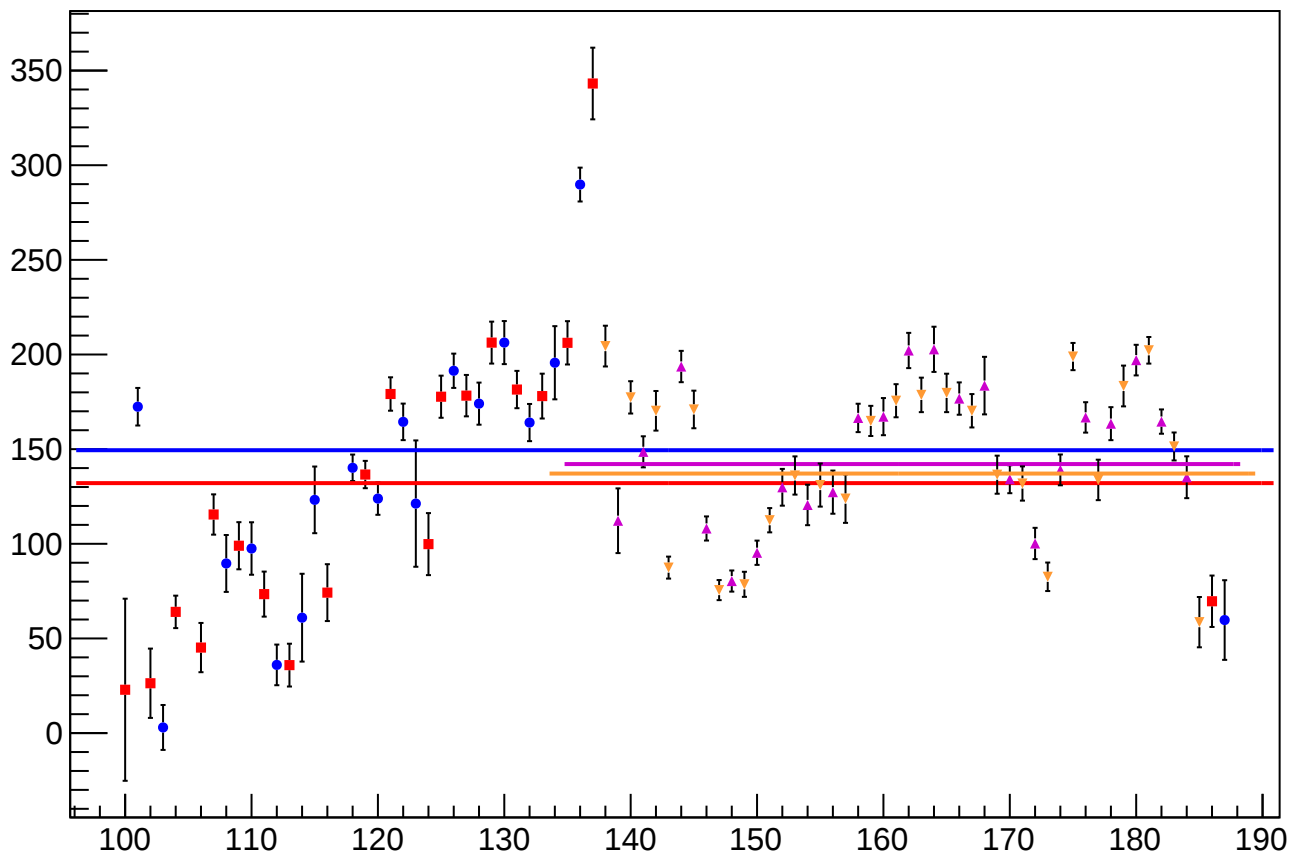
Left In: 431.487 ± 1.964 χ^2/NDF : 2897.1/22

+ sign 458.116 ± 1.704 χ^2/NDF : 7284.1/42

All: 462.035 ± 1.204 χ^2/NDF : 14208.4/85

- sign 465.940 ± 1.701 χ^2/NDF : 6913.8/42

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 149.442 ± 2.653 χ^2/NDF : 653.3/17

Left Out: 137.107 ± 1.663 χ^2/NDF : 738.9/24

Right Out: 132.057 ± 2.572 χ^2/NDF : 606.8/19

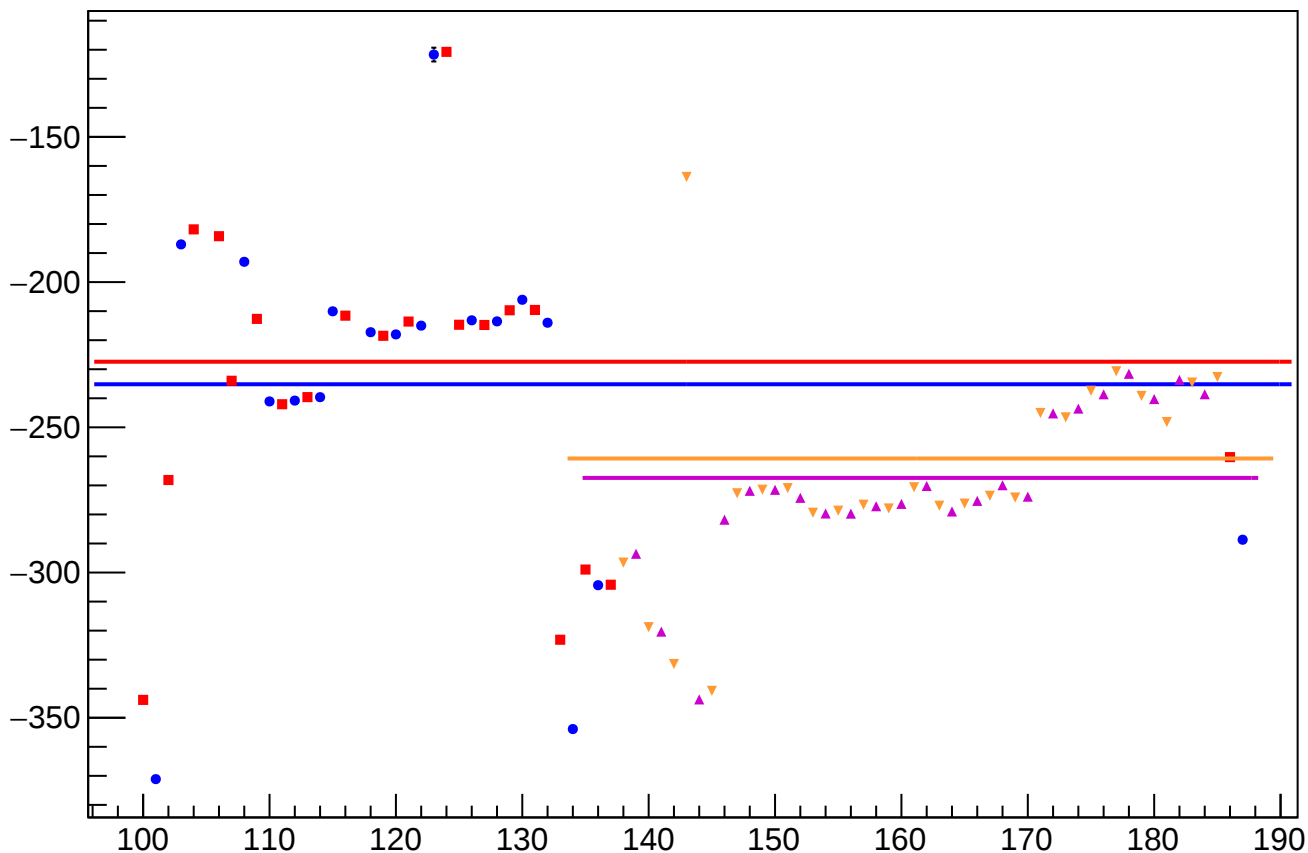
Left In: 142.123 ± 1.740 χ^2/NDF : 463.8/22

+ sign 140.586 ± 1.409 χ^2/NDF : 1407.7/42

All: 139.793 ± 1.007 χ^2/NDF : 2489.4/85

- sign 138.963 ± 1.441 χ^2/NDF : 1081.1/42

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -235.172 ± 0.147 $\chi^2/\text{NDF}: 147218.9/17$

Left Out: -260.729 ± 0.080 $\chi^2/\text{NDF}: 220125.6/24$

Right Out: -227.413 ± 0.140 $\chi^2/\text{NDF}: 100610.8/19$

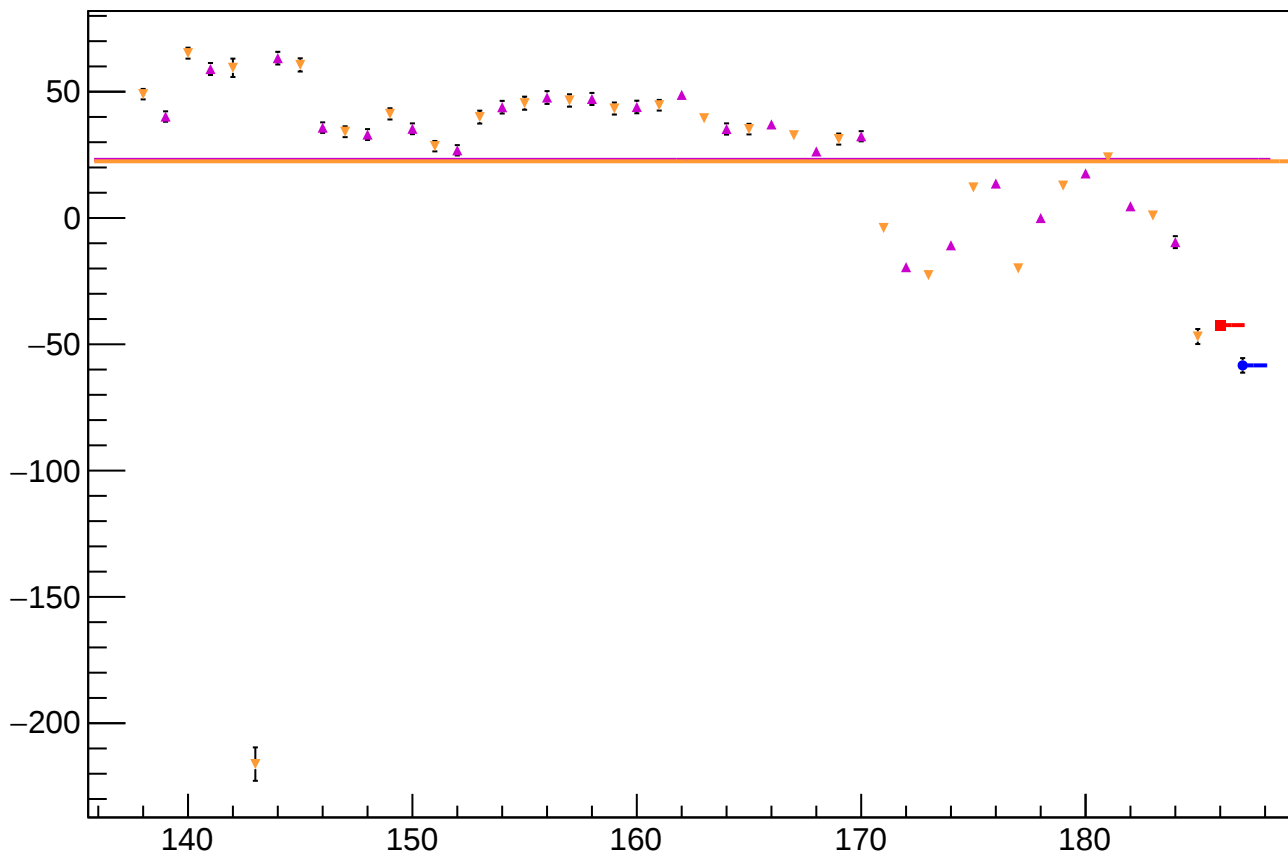
Left In: -267.416 ± 0.081 $\chi^2/\text{NDF}: 98892.0/22$

+ sign -254.951 ± 0.070 $\chi^2/\text{NDF}: 390683.7/42$

All: -256.122 ± 0.050 $\chi^2/\text{NDF}: 651886.4/85$

- sign -257.304 ± 0.070 $\chi^2/\text{NDF}: 260640.1/42$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -58.350 ± 2.889 χ^2/NDF : 0.0/0

Left Out: 22.446 ± 0.399 χ^2/NDF : 4935.8/24

Right Out: -42.407 ± 1.746 χ^2/NDF : 0.0/0

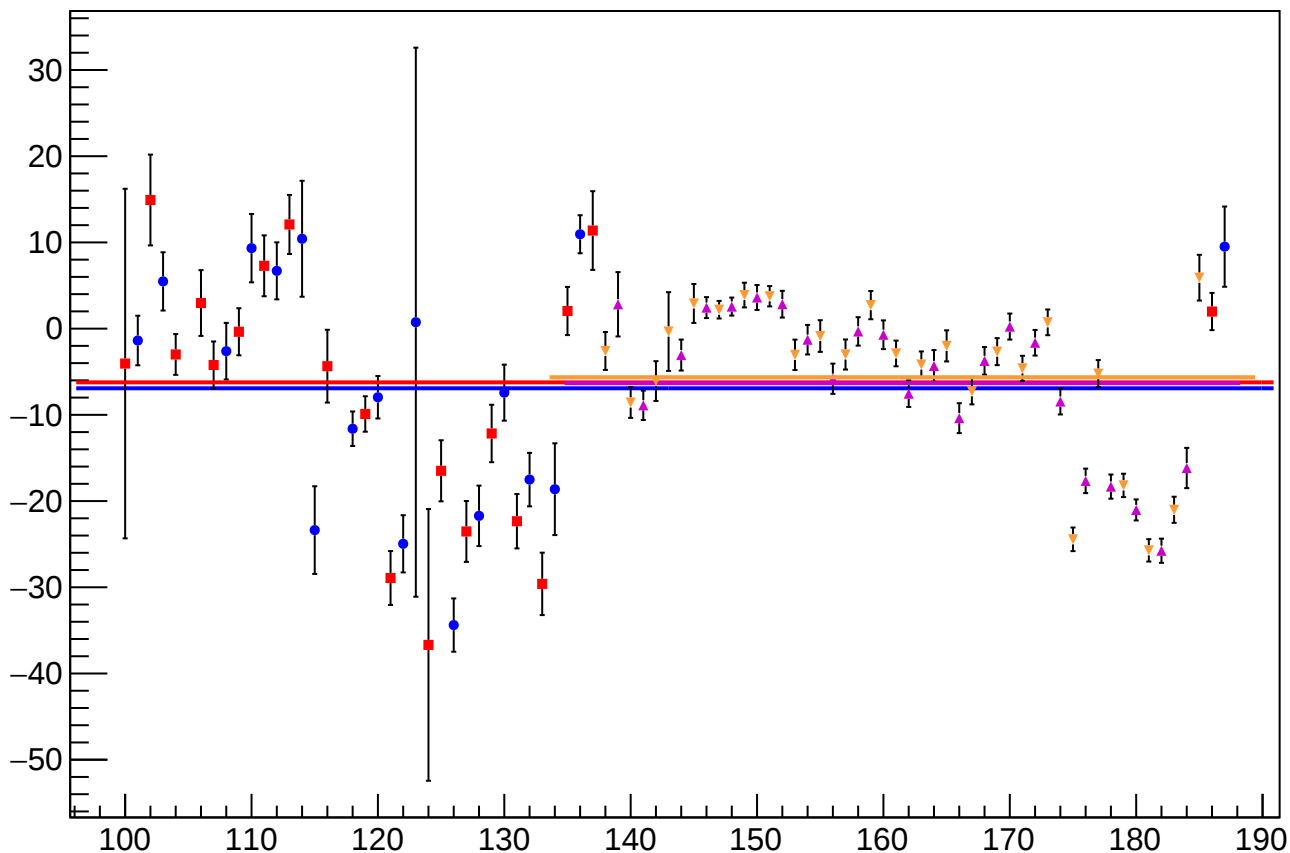
Left In: 23.019 ± 0.400 χ^2/NDF : 2819.9/22

+ sign 20.935 ± 0.395 χ^2/NDF : 5703.4/25

All: 20.339 ± 0.277 χ^2/NDF : 9861.9/49

- sign 19.760 ± 0.390 χ^2/NDF : 4154.1/23

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -6.921 ± 0.768 χ^2/NDF : 296.4/17

Left Out: -5.639 ± 0.316 χ^2/NDF : 891.5/24

Right Out: -6.231 ± 0.718 χ^2/NDF : 273.6/19

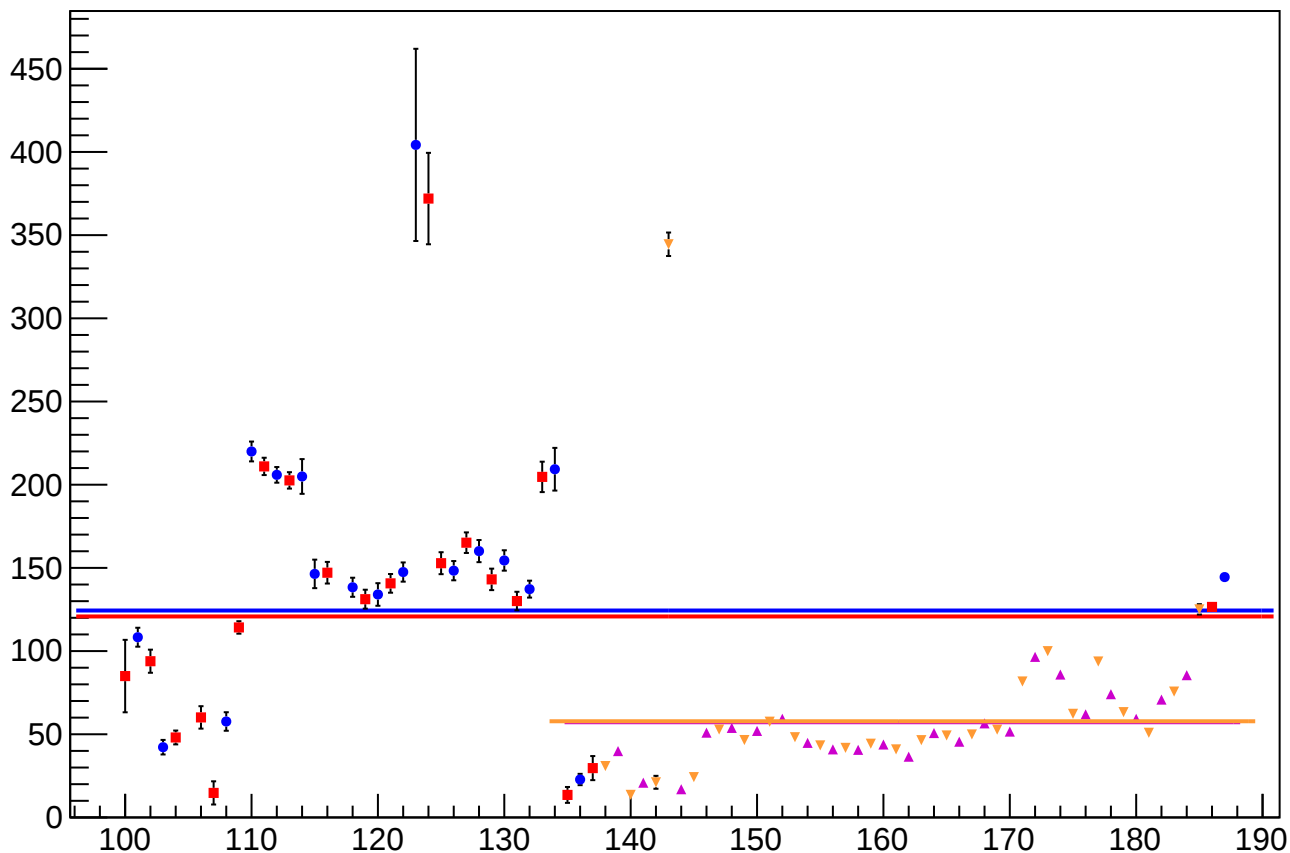
Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

+ sign -5.824 ± 0.292 χ^2/NDF : 1190.3/42

All: -6.065 ± 0.207 χ^2/NDF : 2249.7/85

- sign -6.308 ± 0.293 χ^2/NDF : 1058.0/42

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 124.382 ± 1.211 $\chi^2/\text{NDF}: 2258.2/17$

Left Out: 57.816 ± 0.398 $\chi^2/\text{NDF}: 4331.5/24$

Right Out: 120.812 ± 0.976 $\chi^2/\text{NDF}: 2183.1/19$

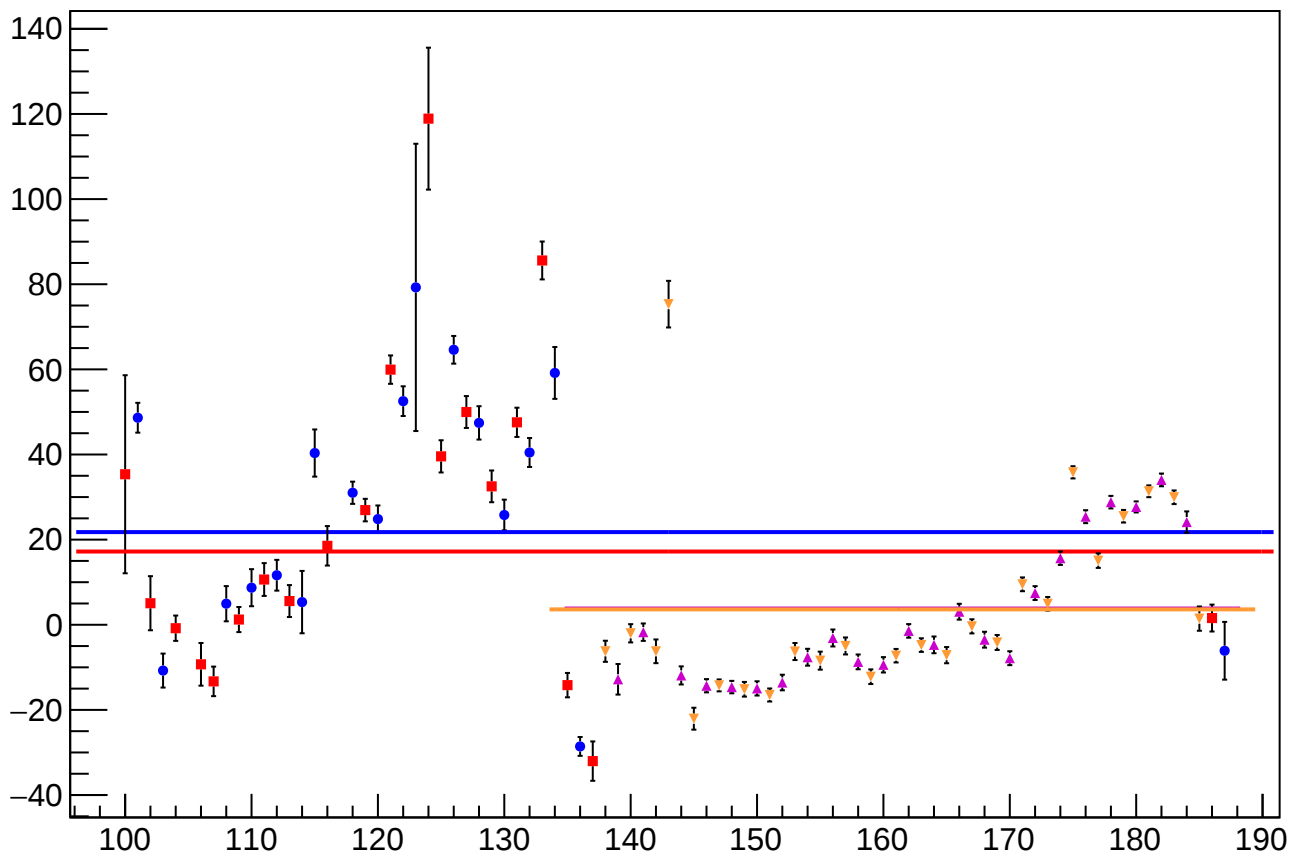
Left In: 57.226 ± 0.398 $\chi^2/\text{NDF}: 1860.6/22$

+ sign 64.303 ± 0.378 $\chi^2/\text{NDF}: 9315.5/42$

All: 65.325 ± 0.264 $\chi^2/\text{NDF}: 17012.7/85$

- sign 66.295 ± 0.369 $\chi^2/\text{NDF}: 7683.0/42$

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 21.771 $\pm$ 0.882 χ^2 /NDF: 1088.6/17

Left Out: 3.615 $\pm$ 0.357 χ^2 /NDF: 2501.2/24

Right Out: 17.205 $\pm$ 0.840 χ^2 /NDF: 1103.5/19

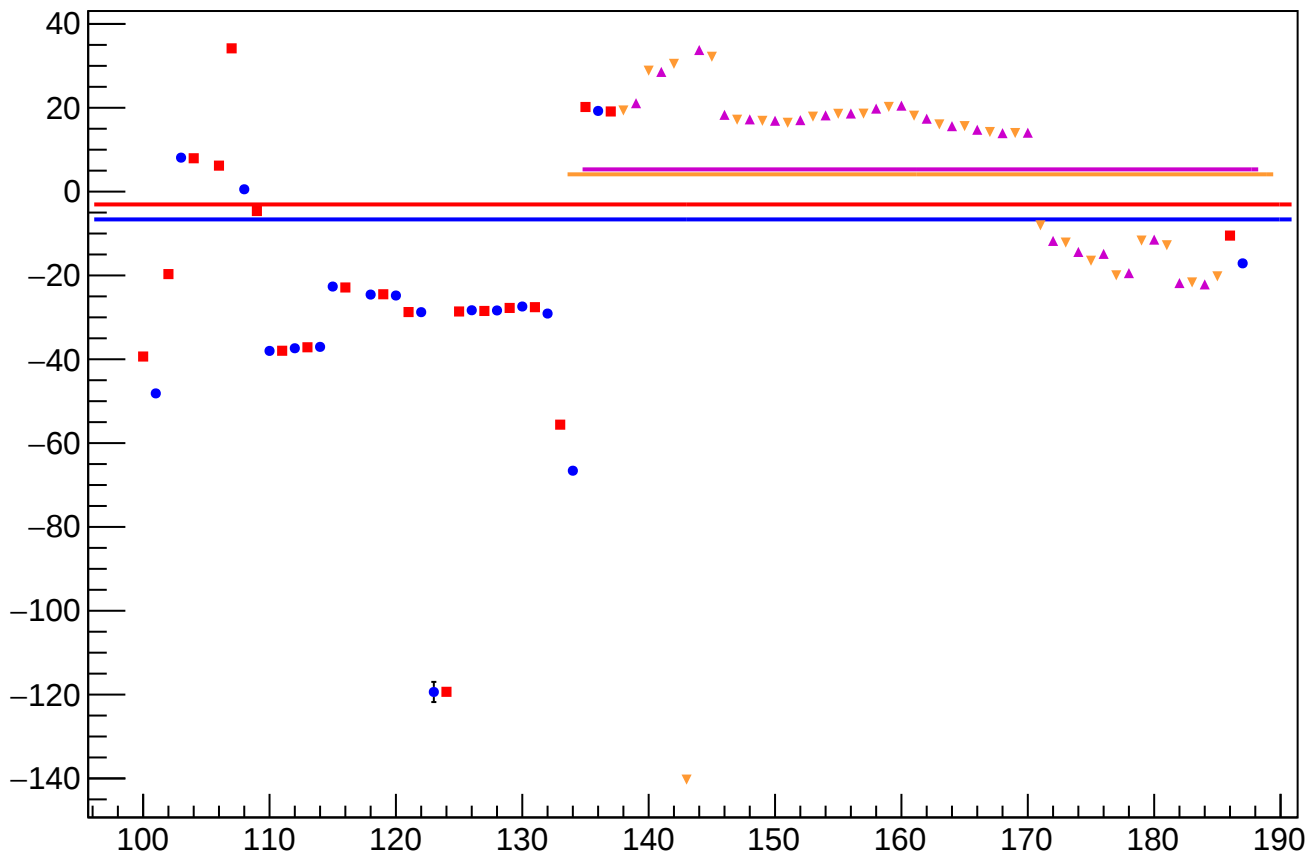
Left In: 3.812 $\pm$ 0.361 χ^2 /NDF: 2203.5/22

+ sign 6.169 $\pm$ 0.331 χ^2 /NDF: 3954.3/42

All: 6.033 $\pm$ 0.234 χ^2 /NDF: 7476.0/85

- sign 5.895 $\pm$ 0.331 χ^2 /NDF: 3521.4/42

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.634 ± 0.046 χ^2/NDF : 266563.8/17

Left Out: 4.121 ± 0.016 χ^2/NDF : 1340176.5/24

Right Out: -3.061 ± 0.045 χ^2/NDF : 267440.4/19

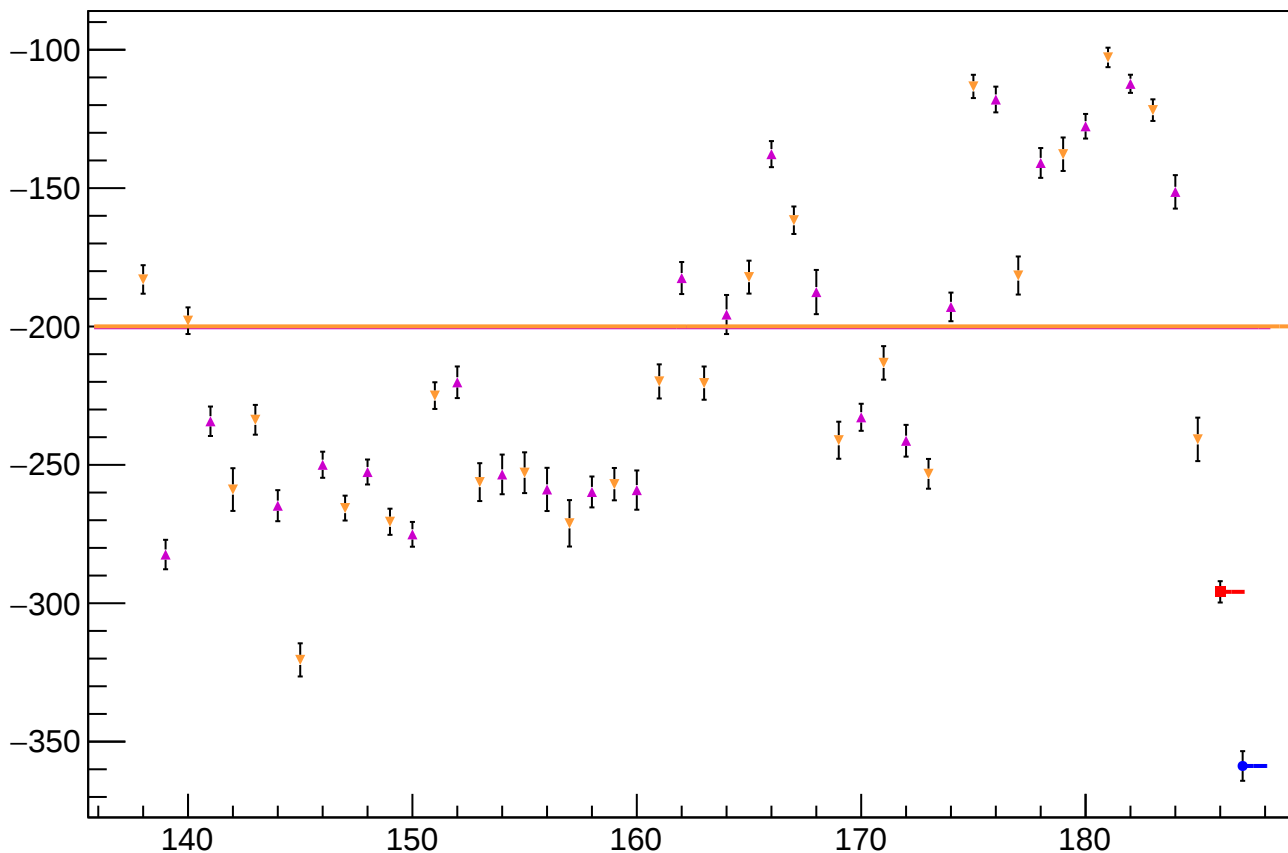
Left In: 5.305 ± 0.016 χ^2/NDF : 1089610.2/22

+ sign 2.904 ± 0.015 χ^2/NDF : 1655579.2/42

All: 3.615 ± 0.011 χ^2/NDF : 3047689.3/85

- sign 4.320 ± 0.015 χ^2/NDF : 1387878.4/42

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -358.804 $\pm$ 5.356 χ^2 /NDF: 0.0/0

Left Out: -199.957 $\pm$ 1.082 χ^2 /NDF:3220.5/24

Right Out: -295.882 $\pm$ 3.855 χ^2 /NDF: 0.0/0

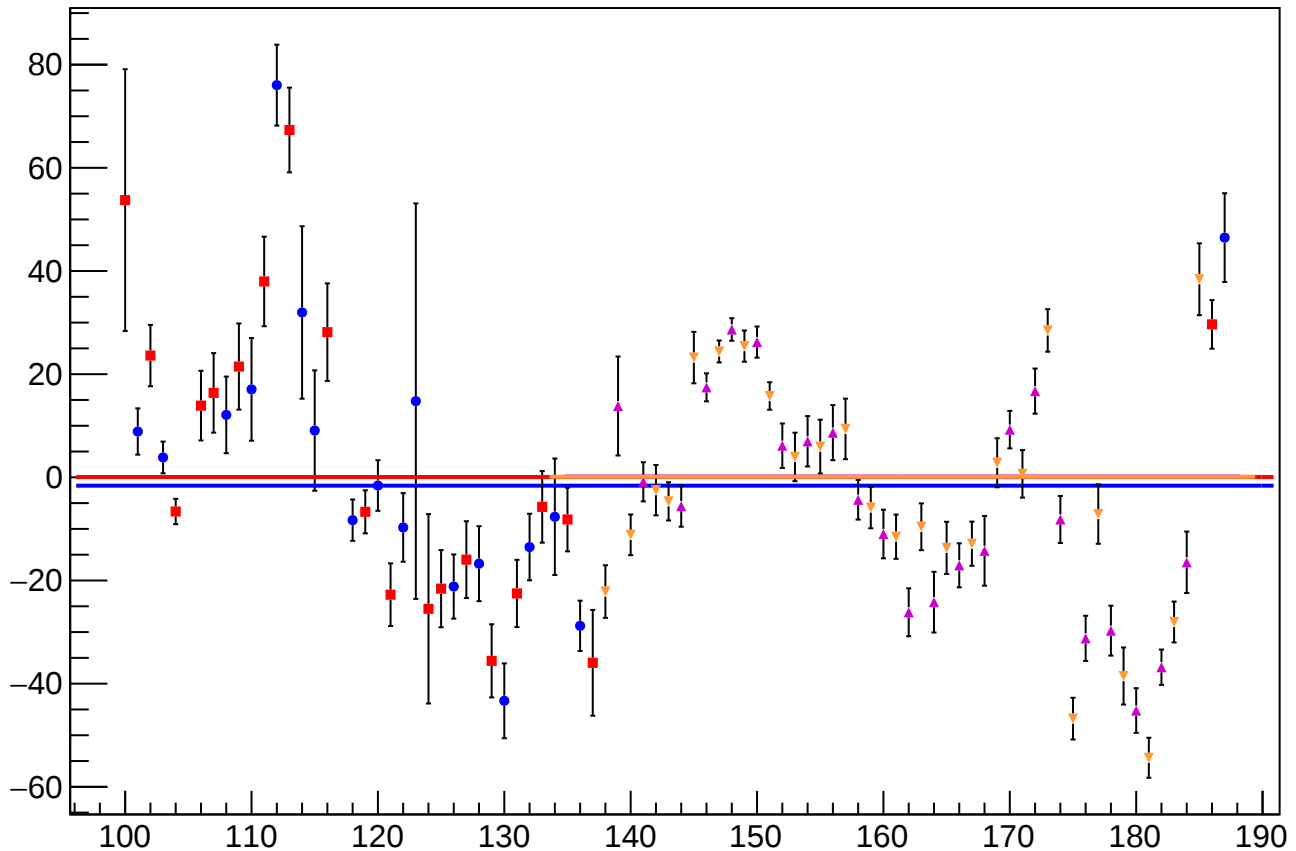
Left In: -200.276 $\pm$ 1.093 χ^2 /NDF:3013.8/22

+ sign -206.181 $\pm$ 1.060 χ^2 /NDF: 4065.7/25

All: -206.792 $\pm$ 0.747 χ^2 /NDF: 7649.3/49

- sign -207.393 $\pm$ 1.052 χ^2 /NDF: 3583.0/23

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -1.616 ± 1.430 χ^2/NDF : 236.0/17

Left Out: 0.116 ± 0.810 χ^2/NDF : 830.1/24

Right Out: 0.058 ± 1.341 χ^2/NDF : 261.0/19

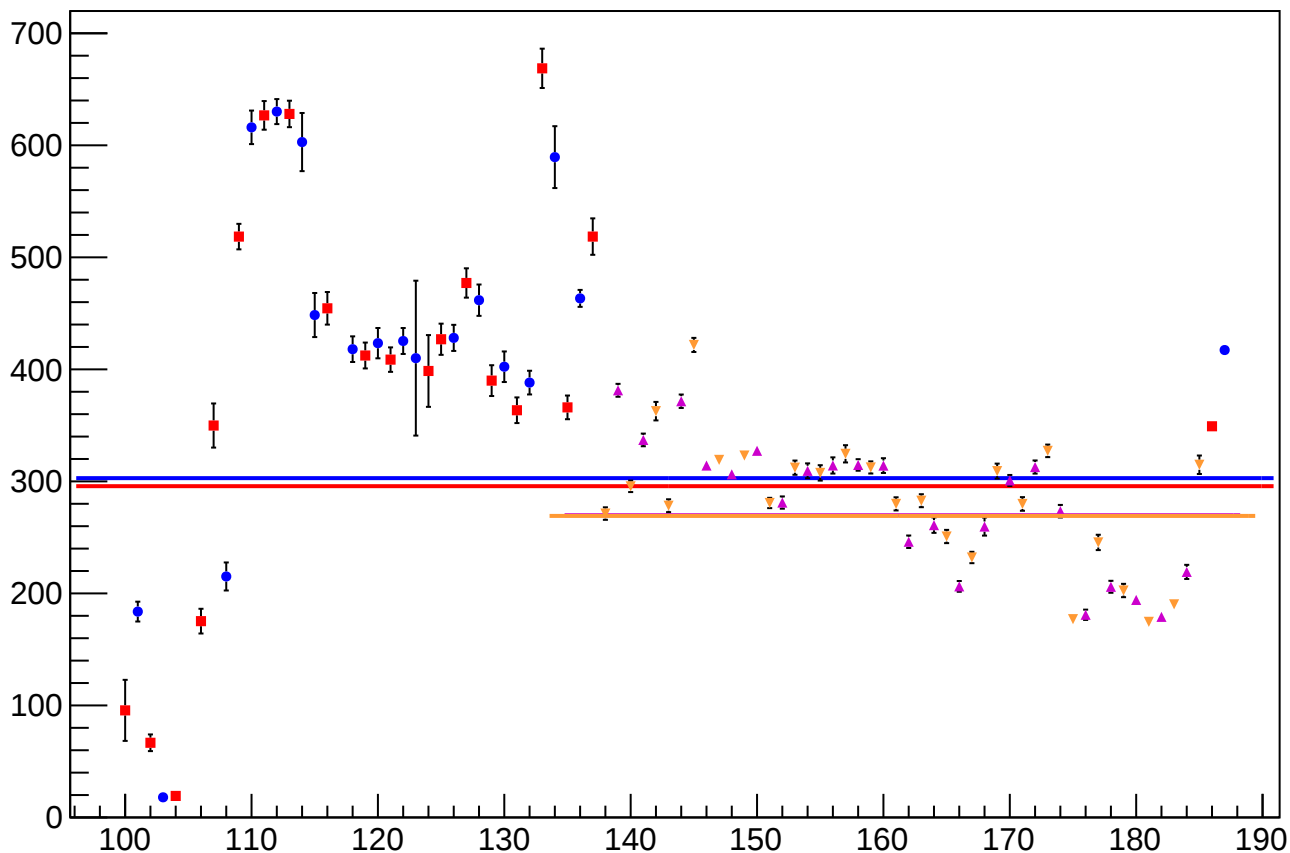
Left In: 0.153 ± 0.836 χ^2/NDF : 719.6/22

+ sign -0.305 ± 0.705 χ^2/NDF : 1067.2/42

All: -0.091 ± 0.500 χ^2/NDF : 2048.0/85

- sign 0.127 ± 0.709 χ^2/NDF : 980.6/42

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 302.893 $\pm$ 2.158 χ^2 /NDF: 8553.0/17

Left Out: 269.181 $\pm$ 1.081 χ^2 /NDF: 3148.5/24

Right Out: 295.720 $\pm$ 1.920 χ^2 /NDF: 8704.0/19

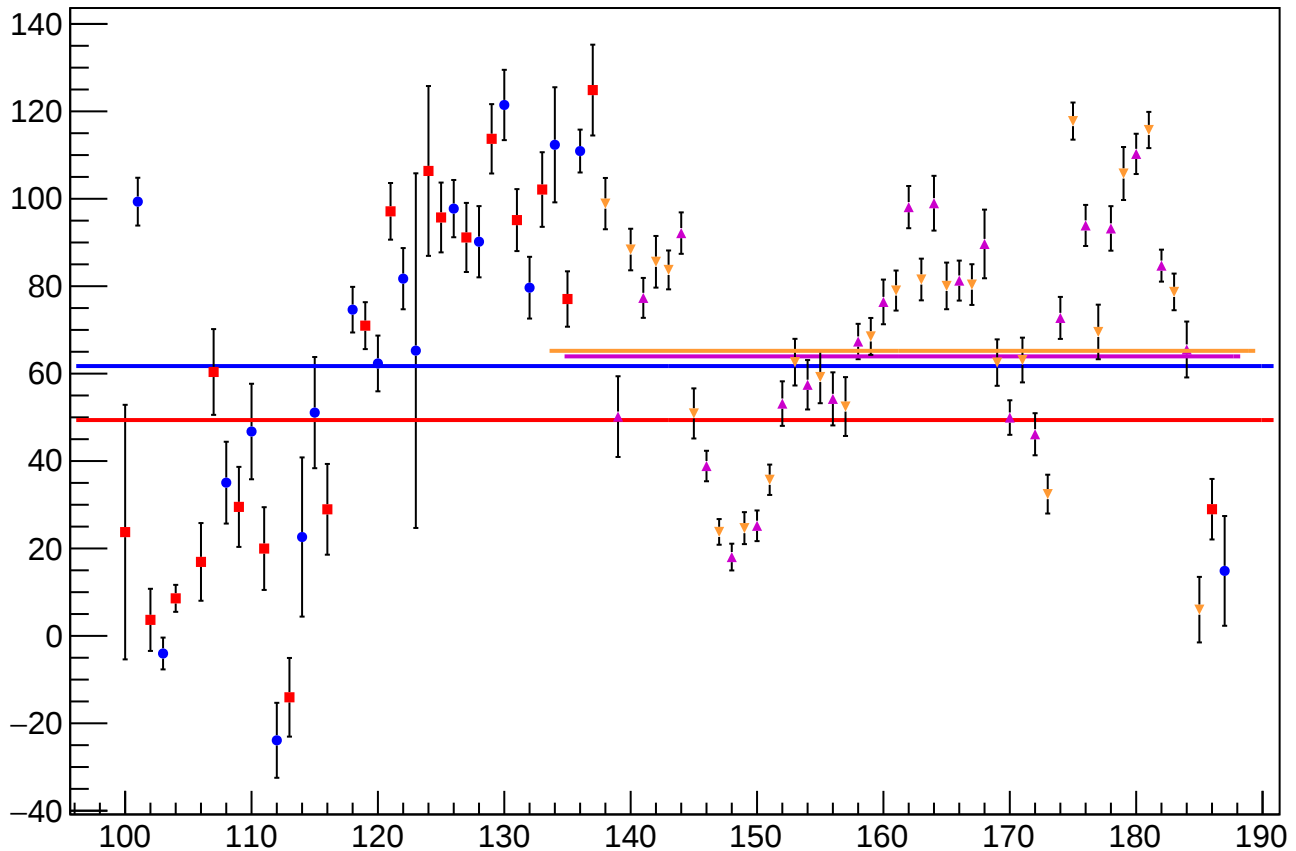
Left In: 269.798 $\pm$ 1.087 χ^2 /NDF: 3234.9/22

+ sign 275.940 $\pm$ 0.966 χ^2 /NDF: 11896.5/42

All: 276.017 $\pm$ 0.676 χ^2 /NDF: 23973.5/85

- sign 276.092 $\pm$ 0.946 χ^2 /NDF: 12077.0/42

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 61.729 ± 1.663 $\chi^2/\text{NDF}: 736.6/17$

Left Out: 65.214 ± 0.938 $\chi^2/\text{NDF}: 1005.7/24$

Right Out: 49.377 ± 1.599 $\chi^2/\text{NDF}: 666.2/19$

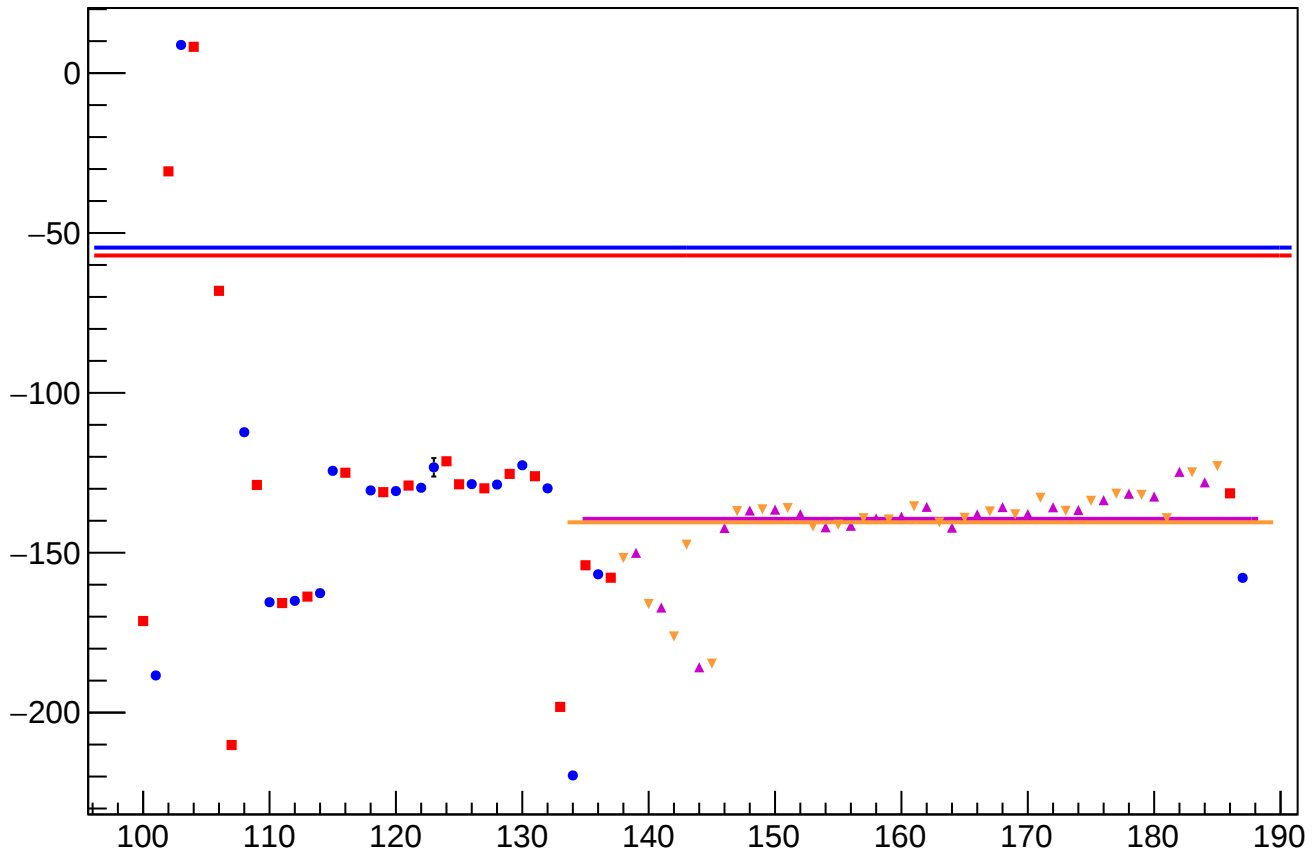
Left In: 63.944 ± 0.961 $\chi^2/\text{NDF}: 803.4/22$

+ sign 64.373 ± 0.817 $\chi^2/\text{NDF}: 1745.6/42$

All: 62.243 ± 0.580 $\chi^2/\text{NDF}: 3289.8/85$

- sign 60.081 ± 0.823 $\chi^2/\text{NDF}: 1530.5/42$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -54.572 ± 0.070 χ^2/NDF : 1251454.5/17

Left Out: -140.489 ± 0.045 χ^2/NDF : 77350.7/24

Right Out: -57.036 ± 0.071 χ^2/NDF : 992154.3/19

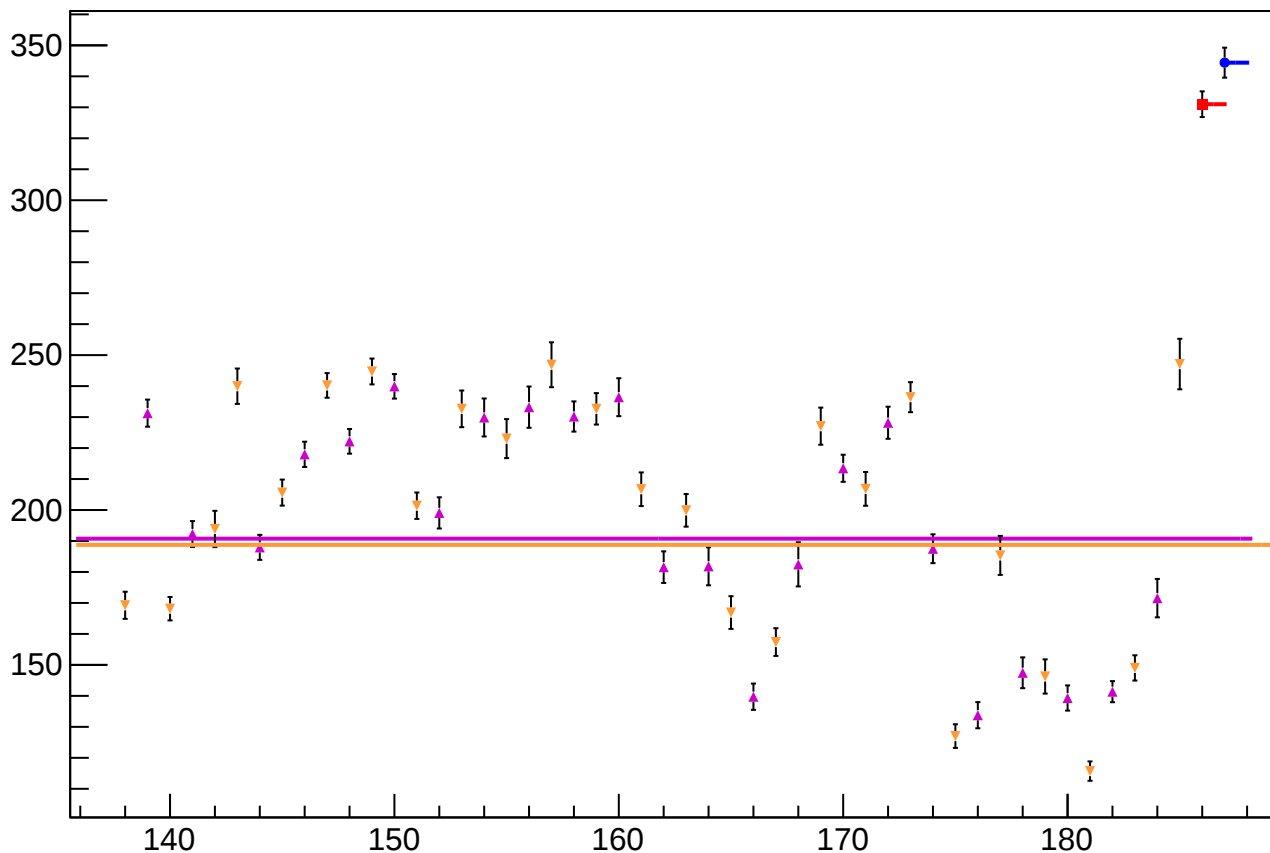
Left In: -139.406 ± 0.045 χ^2/NDF : 62878.4/22

+ sign -115.576 ± 0.038 χ^2/NDF : 2400459.4/42

All: -115.789 ± 0.027 χ^2/NDF : 4414343.4/85

- sign -116.005 ± 0.038 χ^2/NDF : 2013819.4/42

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 344.410 $\pm$ 4.840 χ^2 /NDF: 0.0/0

Left Out: 188.749 $\pm$ 0.958 χ^2 /NDF:1968.6/24

Right Out: 330.994 $\pm$ 4.156 χ^2 /NDF: 0.0/0

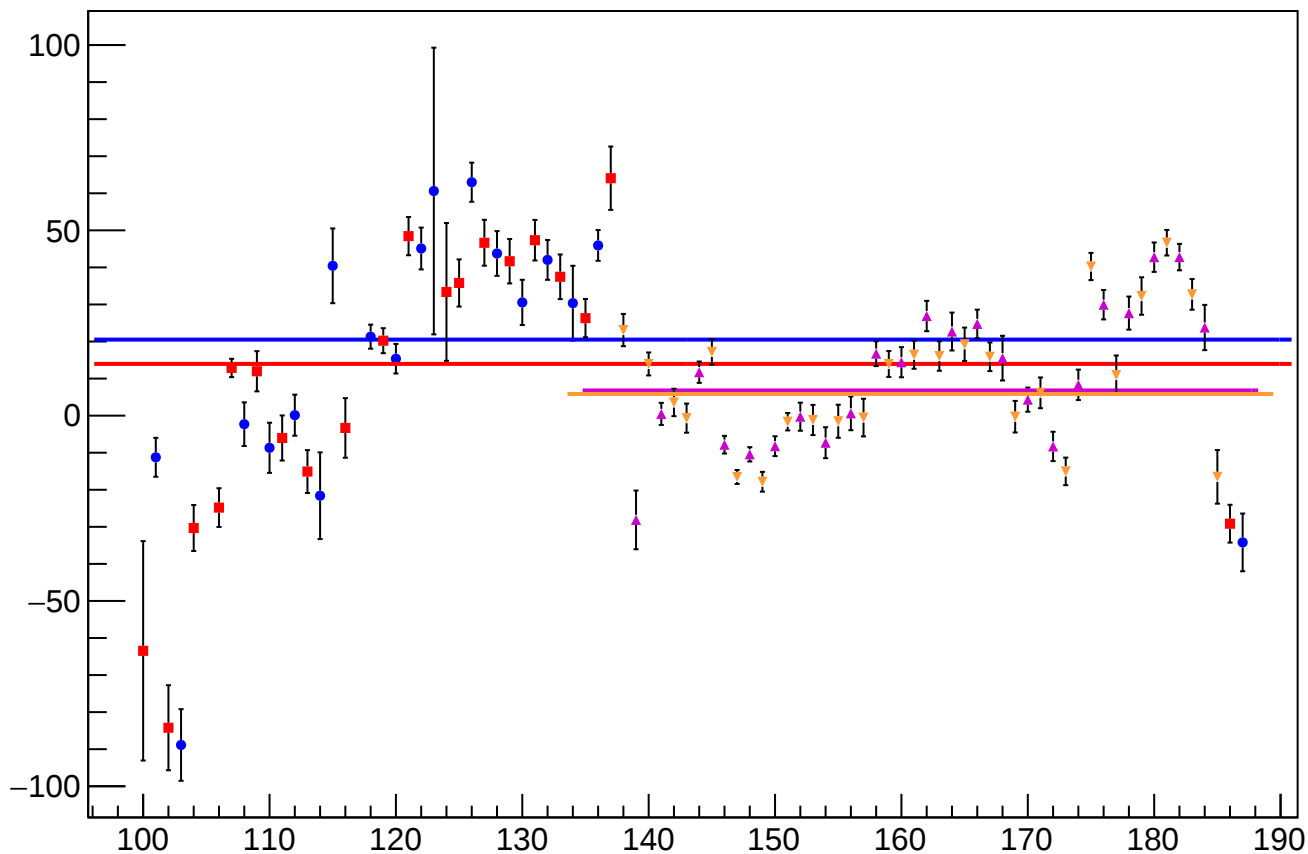
Left In: 190.753 $\pm$ 0.971 χ^2 /NDF:1421.8/22

+ sign 194.618 $\pm$ 0.940 χ^2 /NDF: 2963.8/25

All: 196.304 $\pm$ 0.667 χ^2 /NDF: 5471.8/49

- sign 198.011 $\pm$ 0.946 χ^2 /NDF: 2501.5/23

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 20.519 $\pm$ 1.353 χ^2 /NDF: 436.5/17

Left Out: 5.851 $\pm$ 0.714 χ^2 /NDF: 650.6/24

Right Out: 13.962 $\pm$ 1.195 χ^2 /NDF: 501.5/19

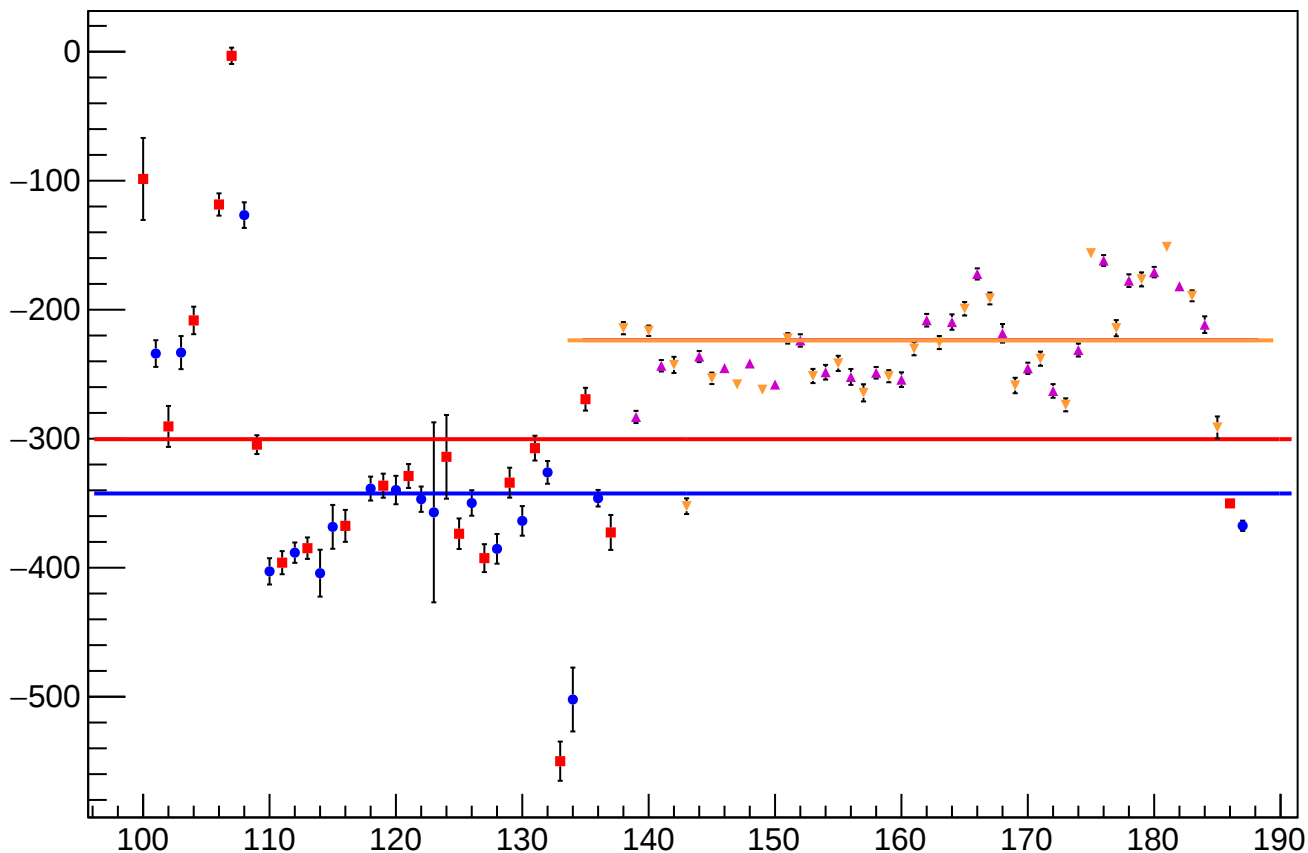
Left In: 6.797 $\pm$ 0.735 χ^2 /NDF: 525.8/22

+ sign 9.049 $\pm$ 0.632 χ^2 /NDF: 1179.0/42

All: 8.904 $\pm$ 0.445 χ^2 /NDF: 2232.5/85

- sign 8.762 $\pm$ 0.626 χ^2 /NDF: 1053.4/42

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -342.441 ± 2.154 χ^2/NDF : 841.1/17

Left Out: -223.752 ± 0.958 χ^2/NDF : 2021.5/24

Right Out: -300.353 ± 1.903 χ^2/NDF : 3699.7/19

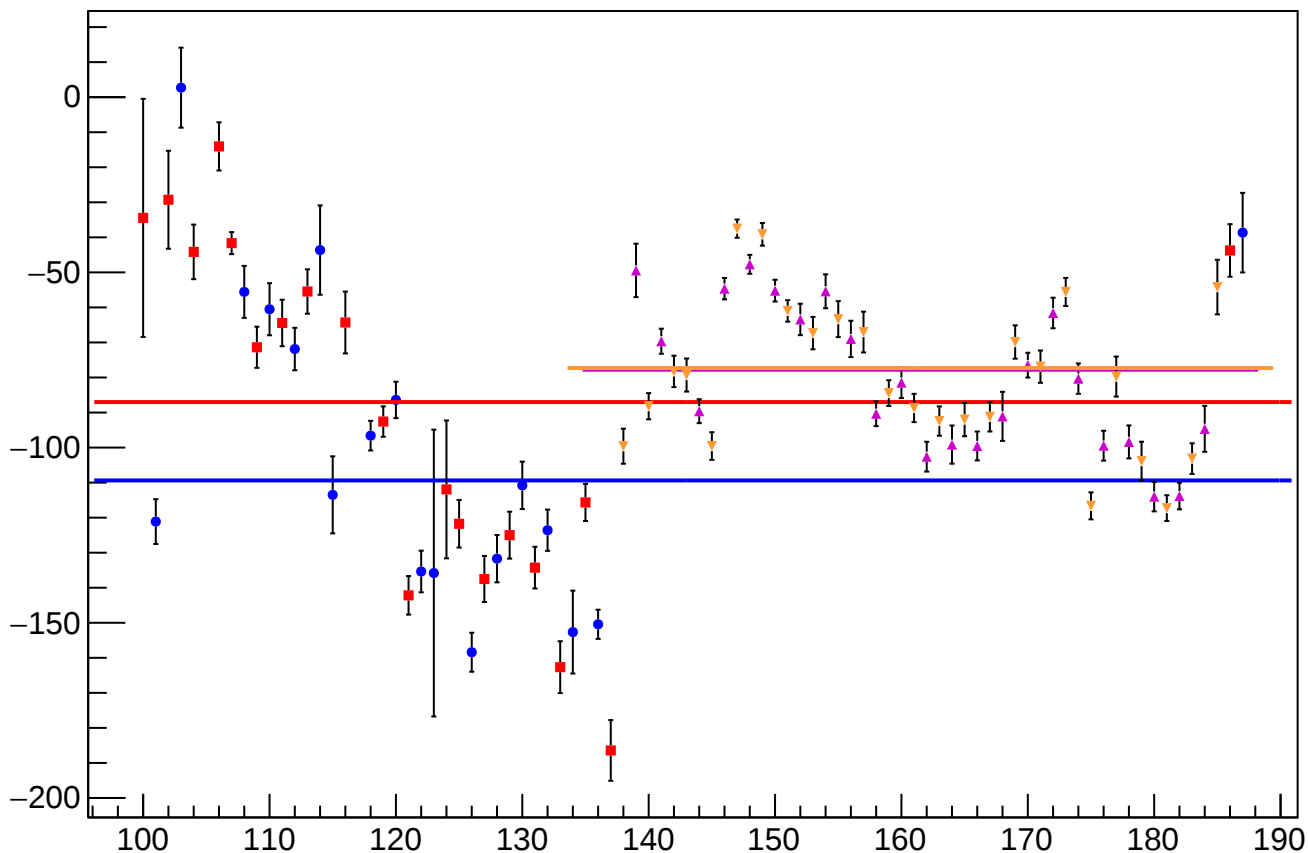
Left In: -223.554 ± 0.966 χ^2/NDF : 1286.5/22

+ sign -243.358 ± 0.875 χ^2/NDF : 5398.4/42

All: -241.286 ± 0.614 χ^2/NDF : 11691.0/85

- sign -239.281 ± 0.861 χ^2/NDF : 6281.5/42

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -109.380 ± 1.563 χ^2/NDF : 552.9/17

Left Out: -77.296 ± 0.829 χ^2/NDF : 844.6/24

Right Out: -87.016 ± 1.409 χ^2/NDF : 1004.2/19

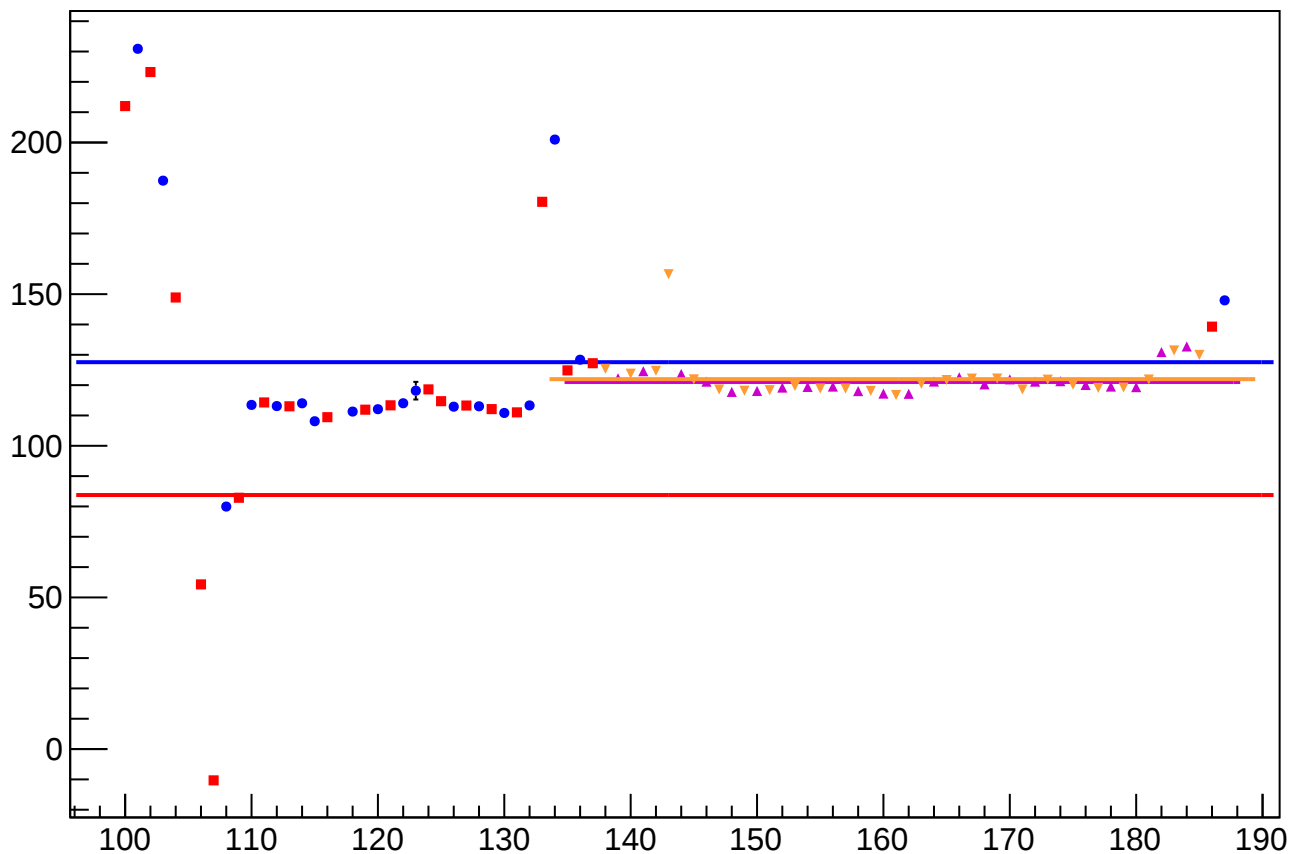
Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

+ sign -84.339 ± 0.732 χ^2/NDF : 1726.6/42

All: -82.266 ± 0.515 χ^2/NDF : 3402.8/85

- sign -80.228 ± 0.726 χ^2/NDF : 1660.3/42

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.569 $\pm$ 0.088 χ^2 /NDF: 189074.2/17

Left Out: 121.972 $\pm$ 0.039 χ^2 /NDF: 27431.1/24

Right Out: 83.766 $\pm$ 0.075 χ^2 /NDF: 776525.6/19

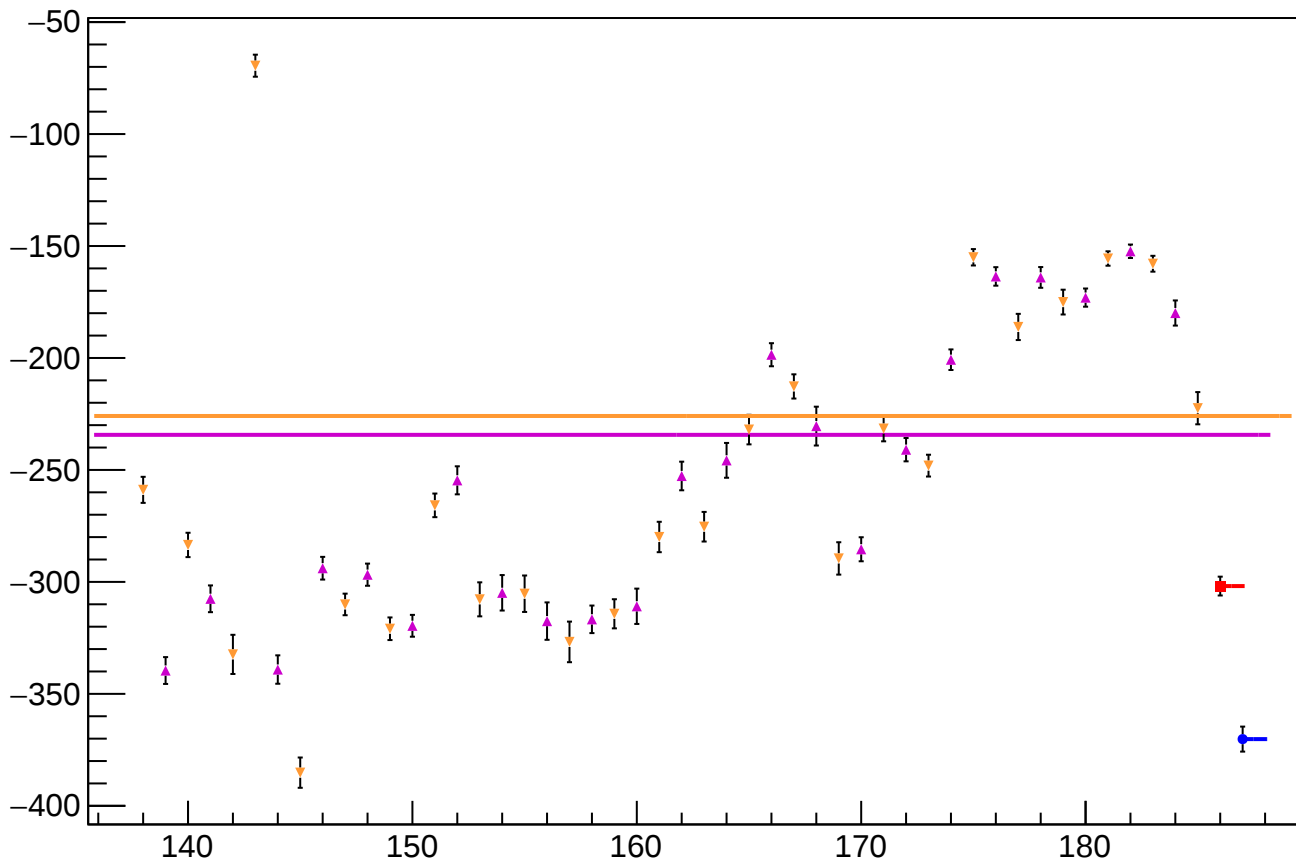
Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

+ sign 122.908 $\pm$ 0.036 χ^2 /NDF: 219860.9/42

All: 117.728 $\pm$ 0.025 χ^2 /NDF: 1239350.2/85

- sign 112.858 $\pm$ 0.035 χ^2 /NDF: 979423.8/42

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -370.205+/-5.584 χ^2/NDF : 0.0/0

Left Out: -225.905+/-1.083 χ^2/NDF : 4669.2/24

Right Out: -301.864+/-4.204 χ^2/NDF : 0.0/0

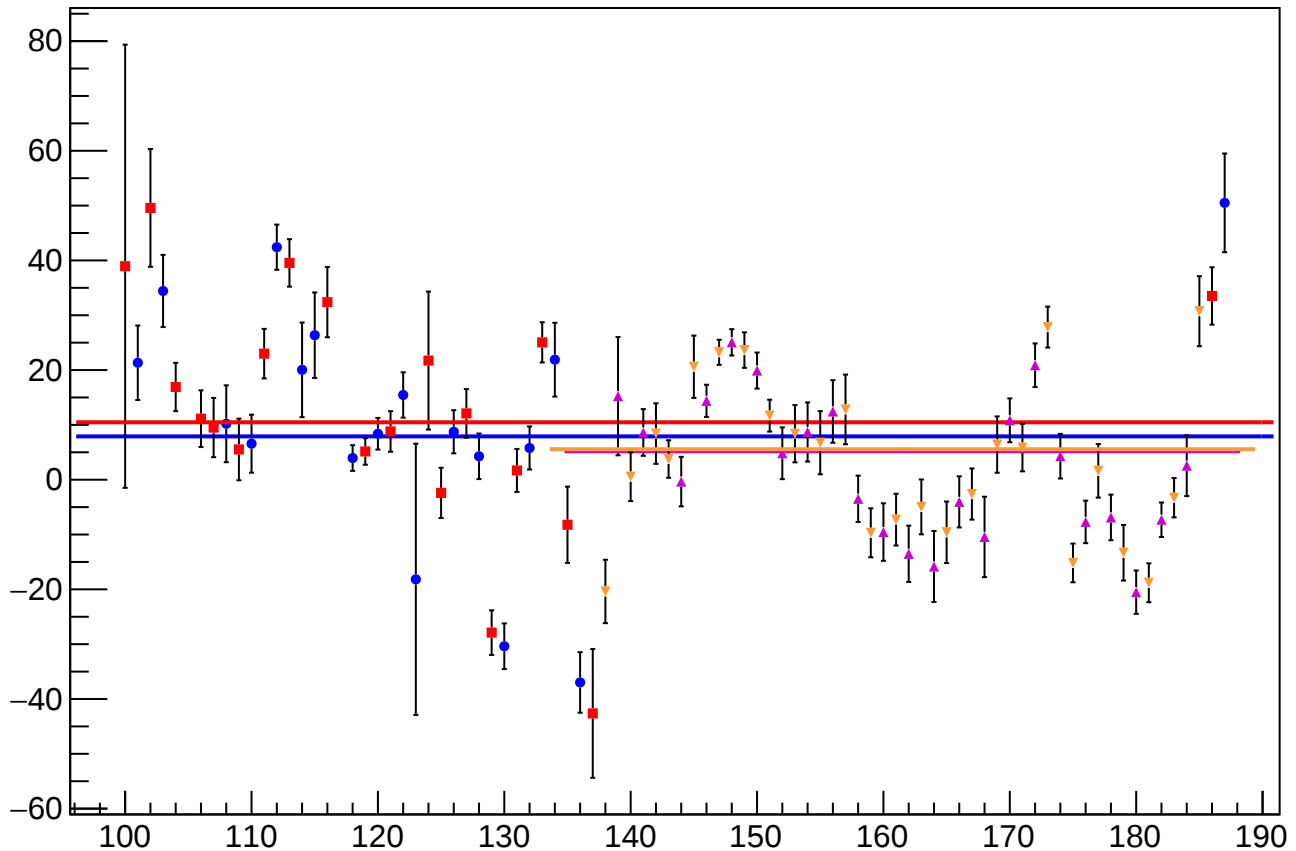
Left In: -234.328+/-1.104 χ^2/NDF : 3591.9/22

+ sign -231.140+/-1.064 χ^2/NDF : 5312.8/25

All: -234.899+/-0.754 χ^2/NDF : 9171.2/49

- sign -238.688+/-1.068 χ^2/NDF : 3833.4/23

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.901 ± 1.076 χ^2/NDF : 283.7/17

Left Out: 5.558 ± 0.832 χ^2/NDF : 313.4/24

Right Out: 10.476 ± 1.053 χ^2/NDF : 251.7/19

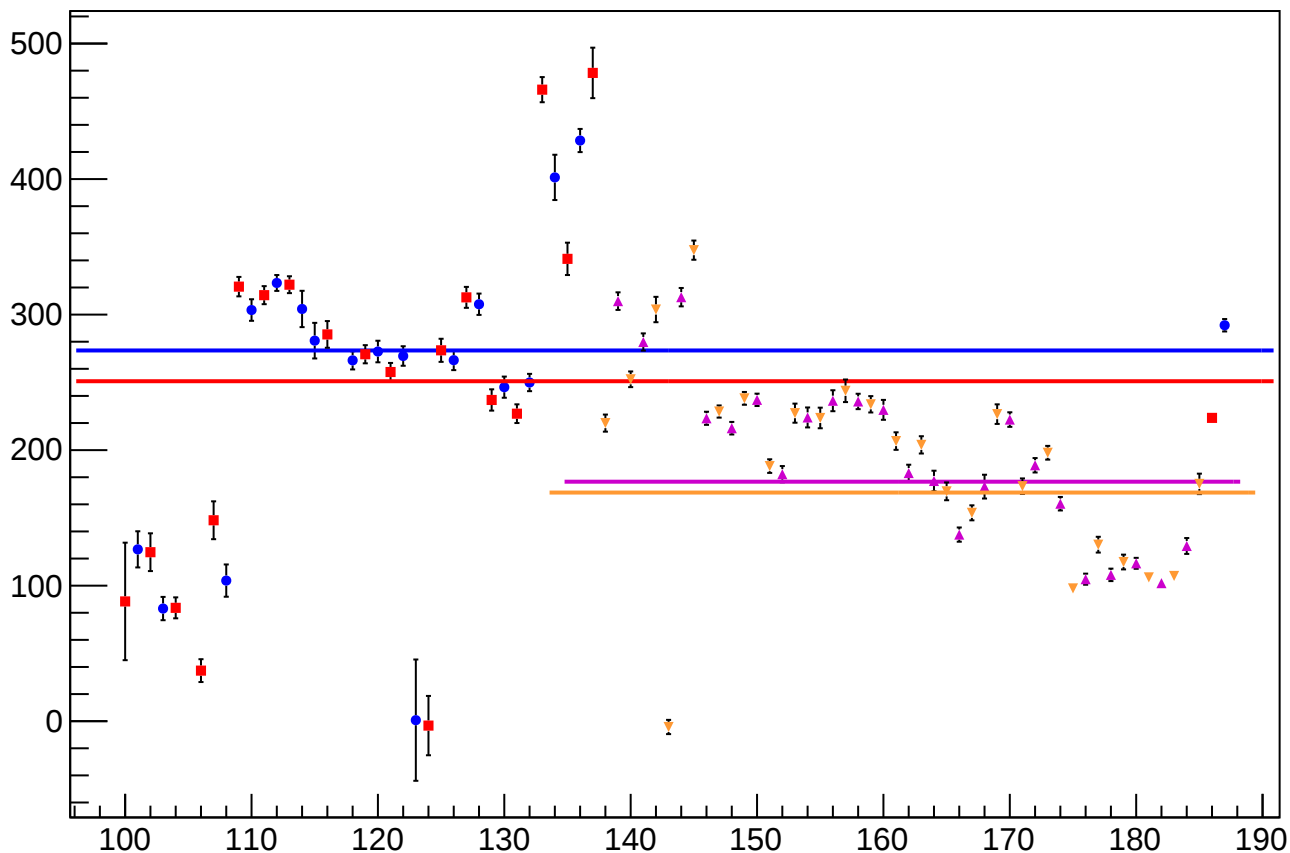
Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

+ sign 6.435 ± 0.658 χ^2/NDF : 600.2/42

All: 6.872 ± 0.469 χ^2/NDF : 1111.0/85

- sign 7.324 ± 0.669 χ^2/NDF : 510.0/42

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 273.539 ± 1.888 $\chi^2/\text{NDF}: 1393.8/17$

Left Out: 168.699 ± 1.086 $\chi^2/\text{NDF}: 4238.2/24$

Right Out: 250.845 ± 1.705 $\chi^2/\text{NDF}: 2628.7/19$

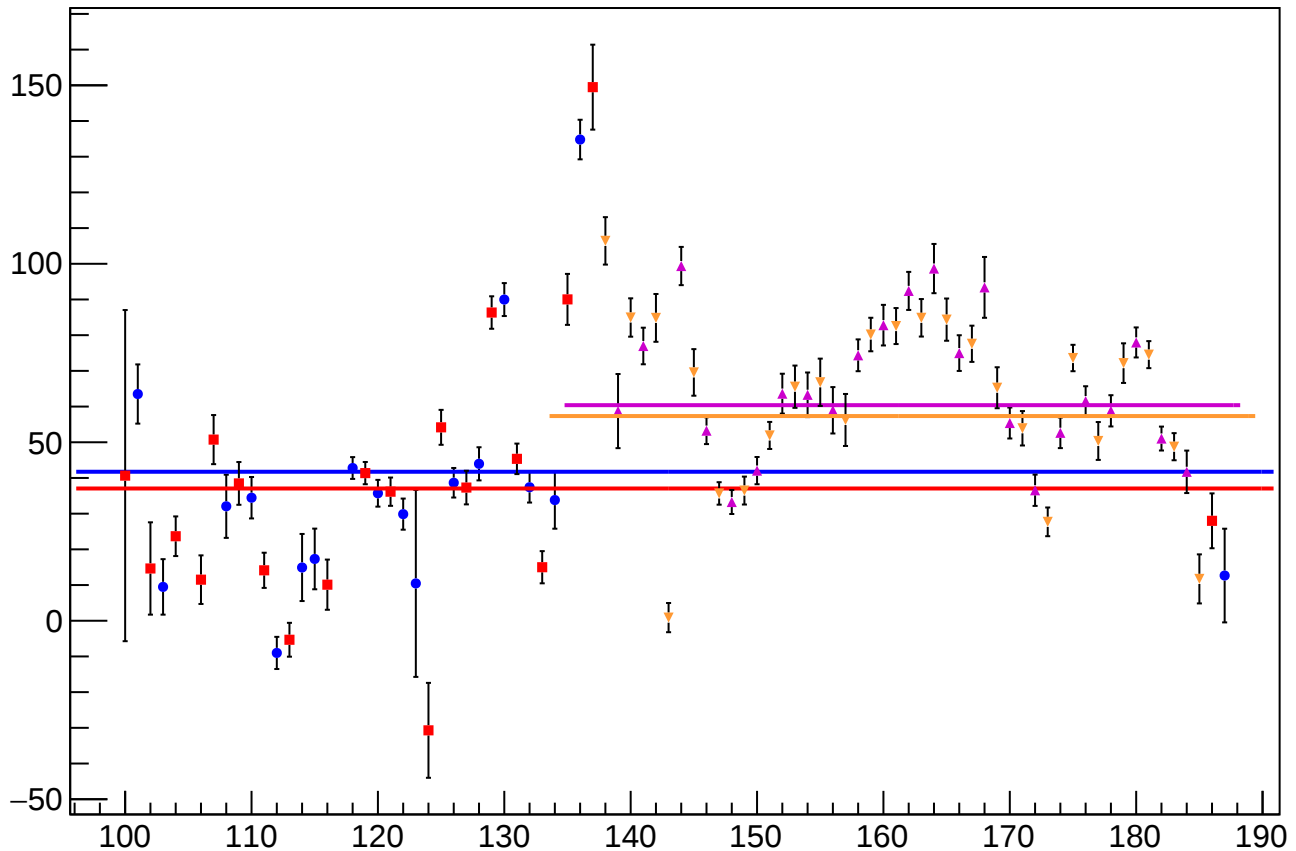
Left In: 176.711 ± 1.102 $\chi^2/\text{NDF}: 3234.3/22$

+ sign 194.781 ± 0.942 $\chi^2/\text{NDF}: 7948.7/42$

All: 196.701 ± 0.660 $\chi^2/\text{NDF}: 15153.7/85$

- sign 198.556 ± 0.925 $\chi^2/\text{NDF}: 7196.9/42$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 41.740 $\pm$ 1.250 χ^2 /NDF: 580.5/17

Left Out: 57.343 $\pm$ 0.956 χ^2 /NDF: 641.5/24

Right Out: 37.049 $\pm$ 1.221 χ^2 /NDF: 474.0/19

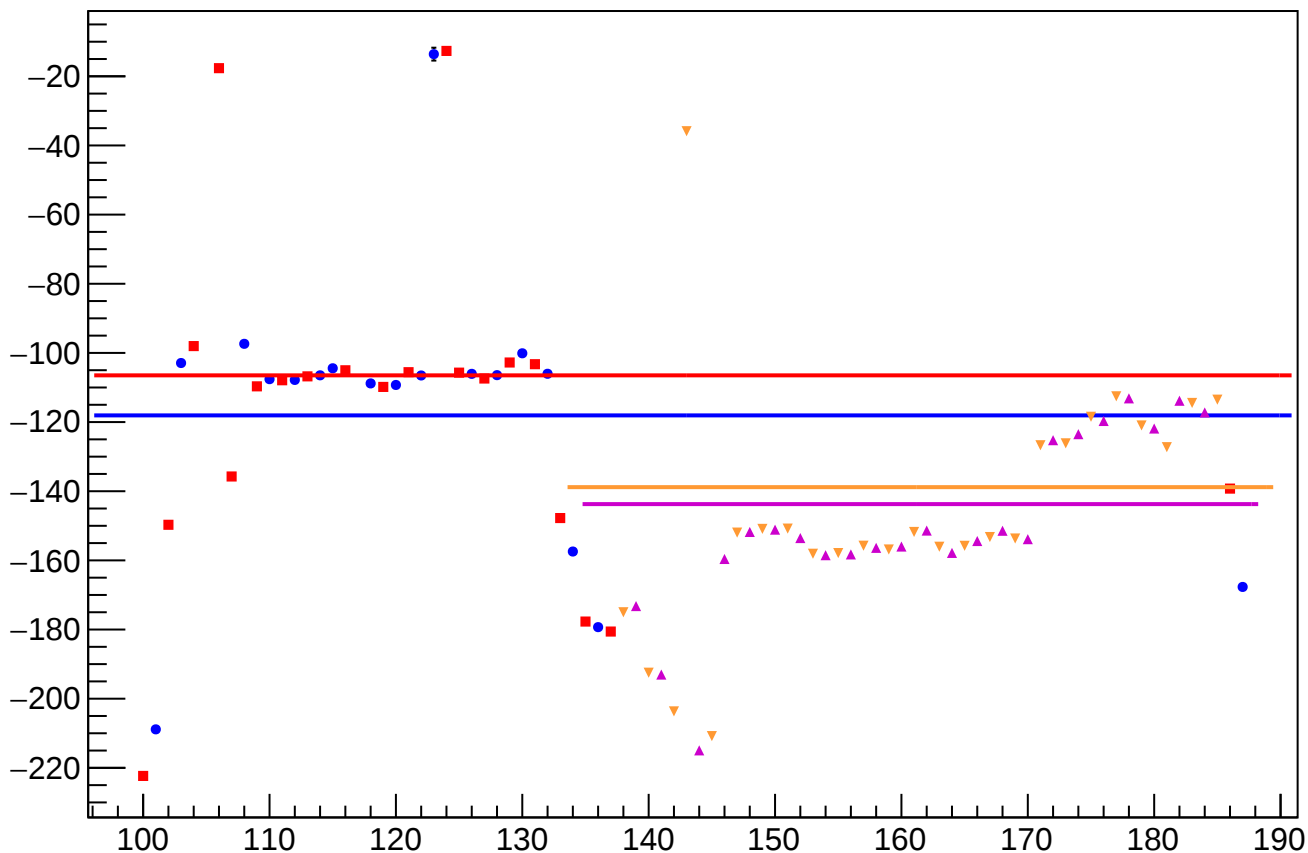
Left In: 60.392 $\pm$ 0.987 χ^2 /NDF: 341.2/22

+ sign 51.582 $\pm$ 0.759 χ^2 /NDF: 1320.3/42

All: 51.378 $\pm$ 0.540 χ^2 /NDF: 2356.7/85

- sign 51.169 $\pm$ 0.768 χ^2 /NDF: 1036.2/42

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -118.068+/-0.078 χ^2/NDF : 146572.9/17

Left Out: -138.821+/-0.045 χ^2/NDF : 525537.6/24

Right Out: -106.489+/-0.072 χ^2/NDF : 328057.3/19

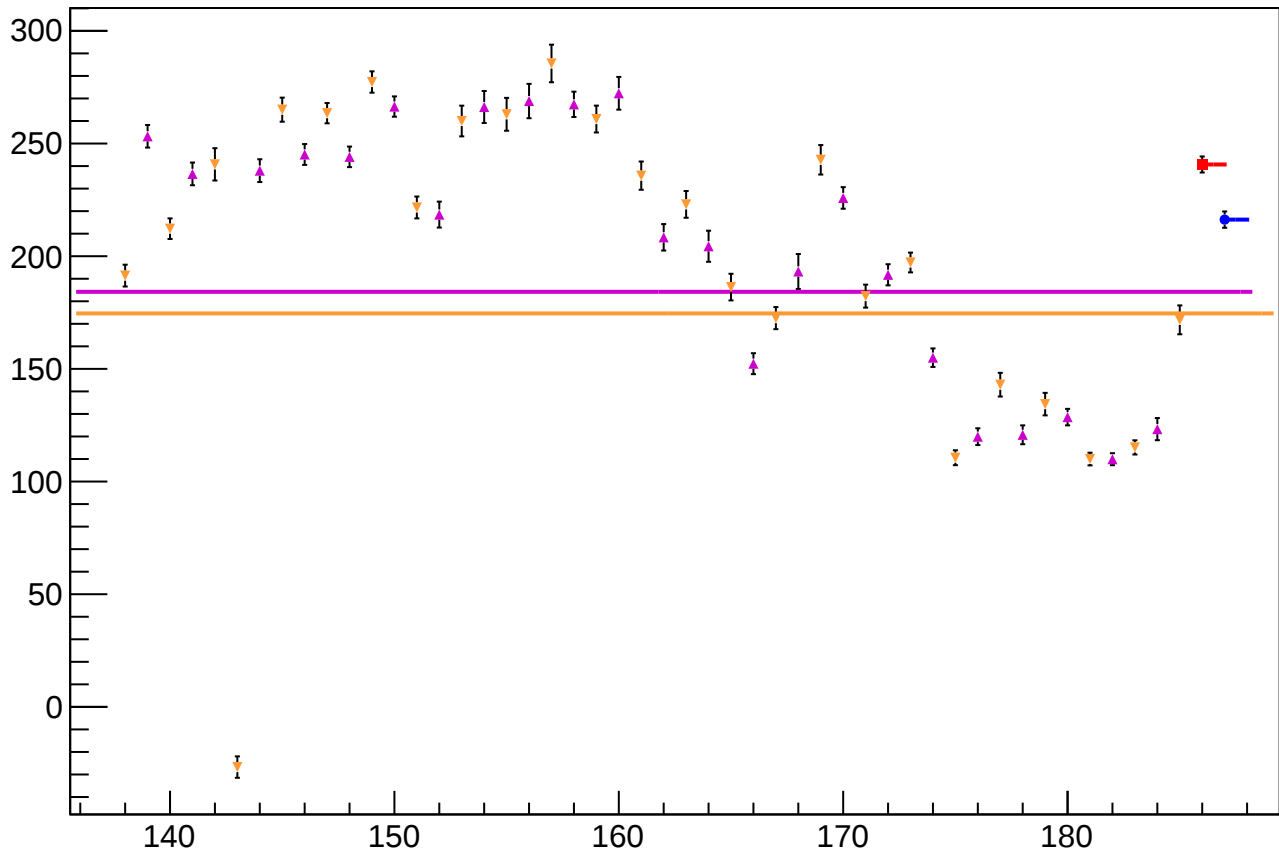
Left In: -143.726+/-0.046 χ^2/NDF : 260994.5/22

+ sign -133.543+/-0.039 χ^2/NDF : 725478.5/42

All: -133.266+/-0.028 χ^2/NDF : 1504253.5/85

- sign -132.994+/-0.039 χ^2/NDF : 778675.6/42

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 216.242 $\pm$ 3.631 χ^2 /NDF: 0.0/0

Left Out: 174.613 $\pm$ 0.969 χ^2 /NDF:5551.3/24

Right Out: 240.702 $\pm$ 3.560 χ^2 /NDF: 0.0/0

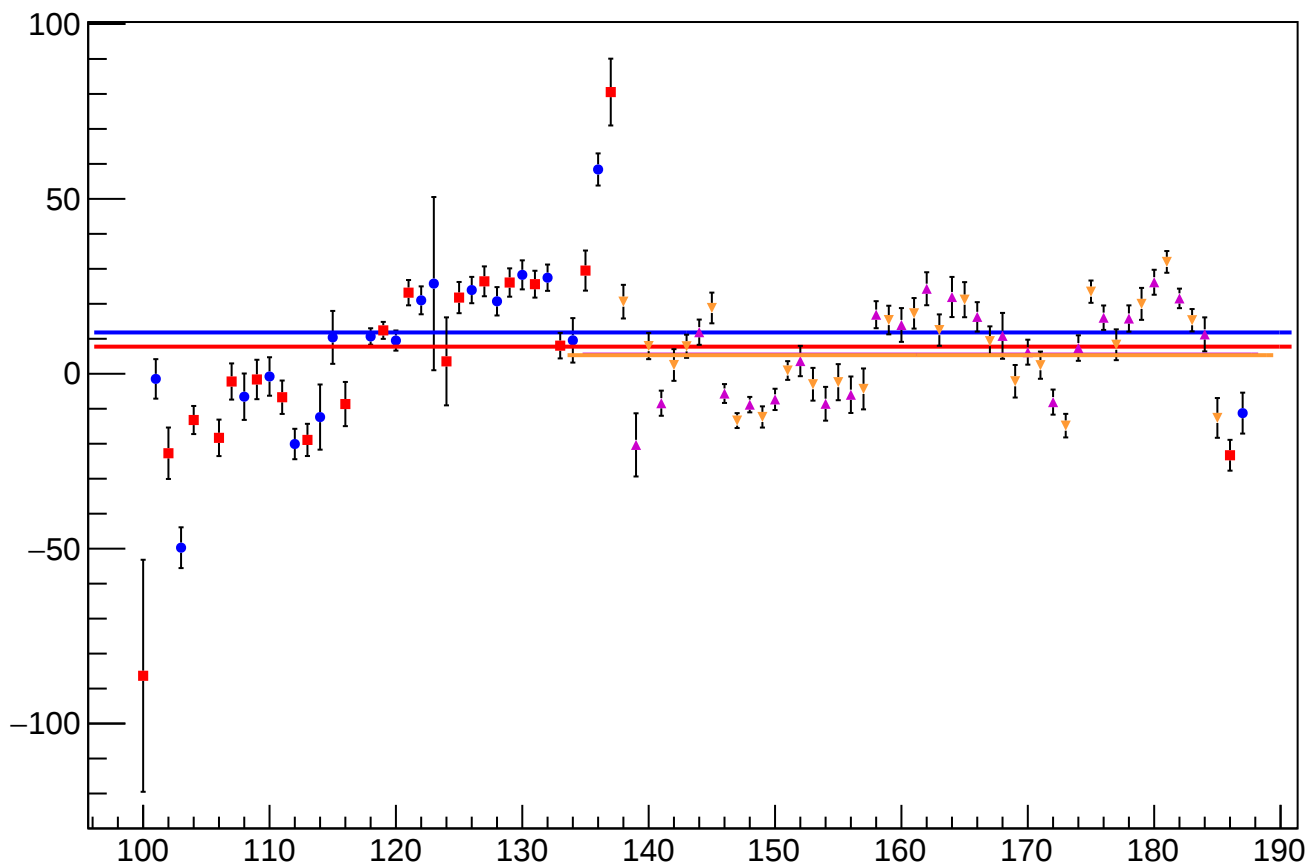
Left In: 184.205 $\pm$ 0.987 χ^2 /NDF:3637.1/22

+ sign 177.381 $\pm$ 0.936 χ^2 /NDF: 5674.0/25

All: 182.724 $\pm$ 0.667 χ^2 /NDF: 9611.2/49

- sign 188.236 $\pm$ 0.951 χ^2 /NDF: 3871.0/23

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 11.811 ± 1.039 $\chi^2/\text{NDF}: 363.8/17$

Left Out: 5.314 ± 0.750 $\chi^2/\text{NDF}: 345.1/24$

Right Out: 7.754 ± 1.022 $\chi^2/\text{NDF}: 348.7/19$

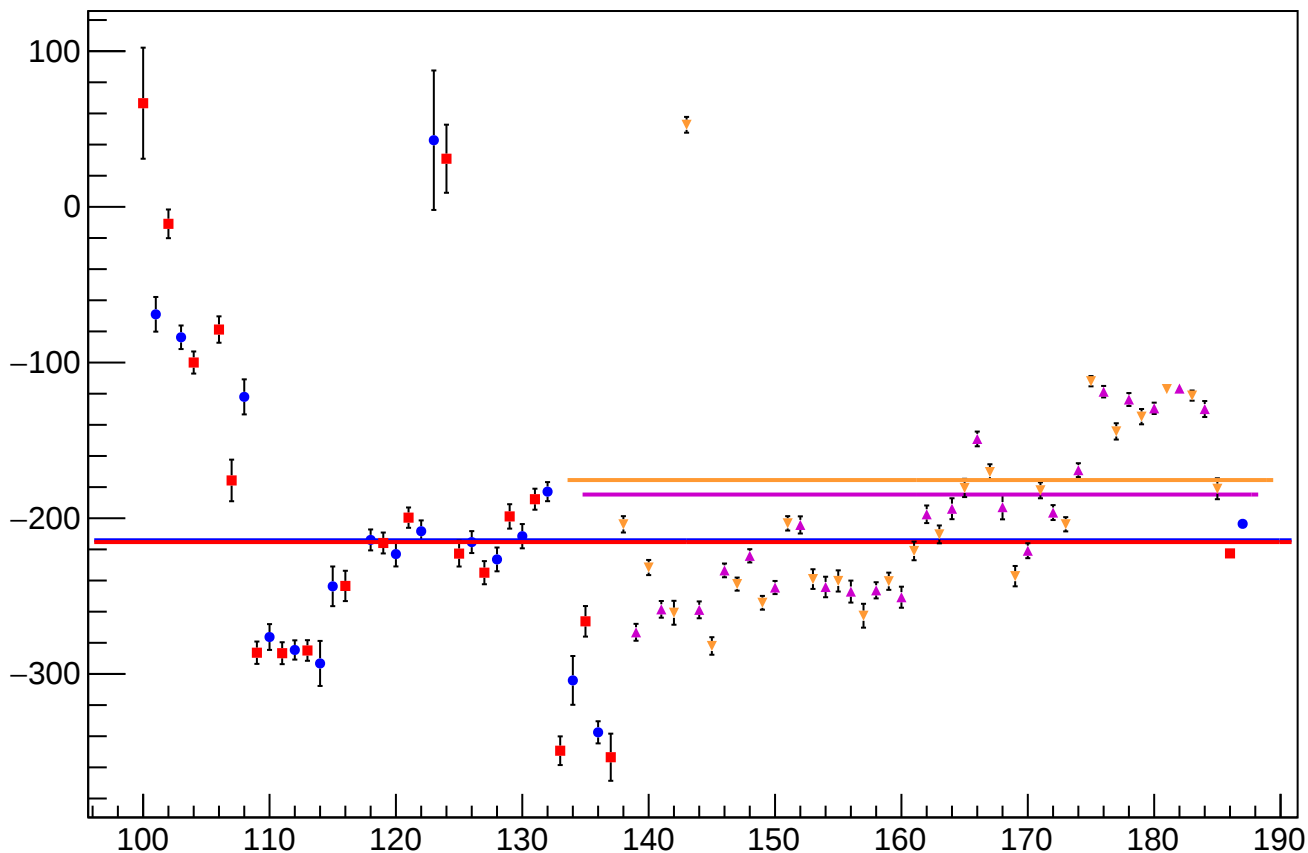
Left In: 5.483 ± 0.779 $\chi^2/\text{NDF}: 259.1/22$

+ sign 7.542 ± 0.608 $\chi^2/\text{NDF}: 734.6/42$

All: 6.941 ± 0.434 $\chi^2/\text{NDF}: 1347.5/85$

- sign 6.318 ± 0.619 $\chi^2/\text{NDF}: 610.9/42$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -214.147 ± 1.665 χ^2/NDF : 1164.8/17

Left Out: -175.470 ± 0.974 χ^2/NDF : 5103.8/24

Right Out: -215.304 ± 1.593 χ^2/NDF : 1895.7/19

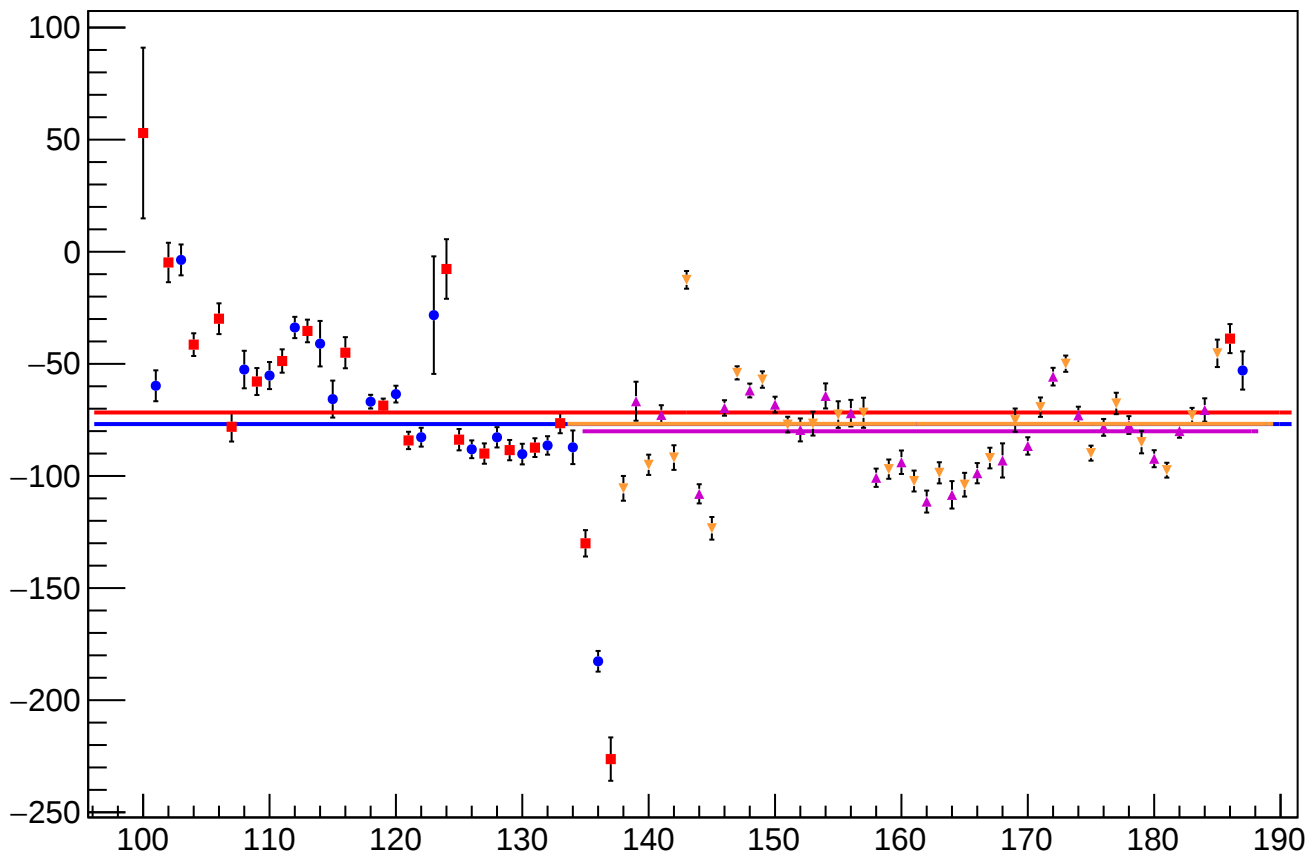
Left In: -184.774 ± 0.987 χ^2/NDF : 3082.4/22

+ sign -185.332 ± 0.841 χ^2/NDF : 6670.8/42

All: -189.292 ± 0.594 χ^2/NDF : 11958.6/85

- sign -193.238 ± 0.839 χ^2/NDF : 5243.5/42

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -76.853 ± 1.207 χ^2/NDF : 825.3/17

Left Out: -76.747 ± 0.861 χ^2/NDF : 746.8/24

Right Out: -71.688 ± 1.188 χ^2/NDF : 699.7/19

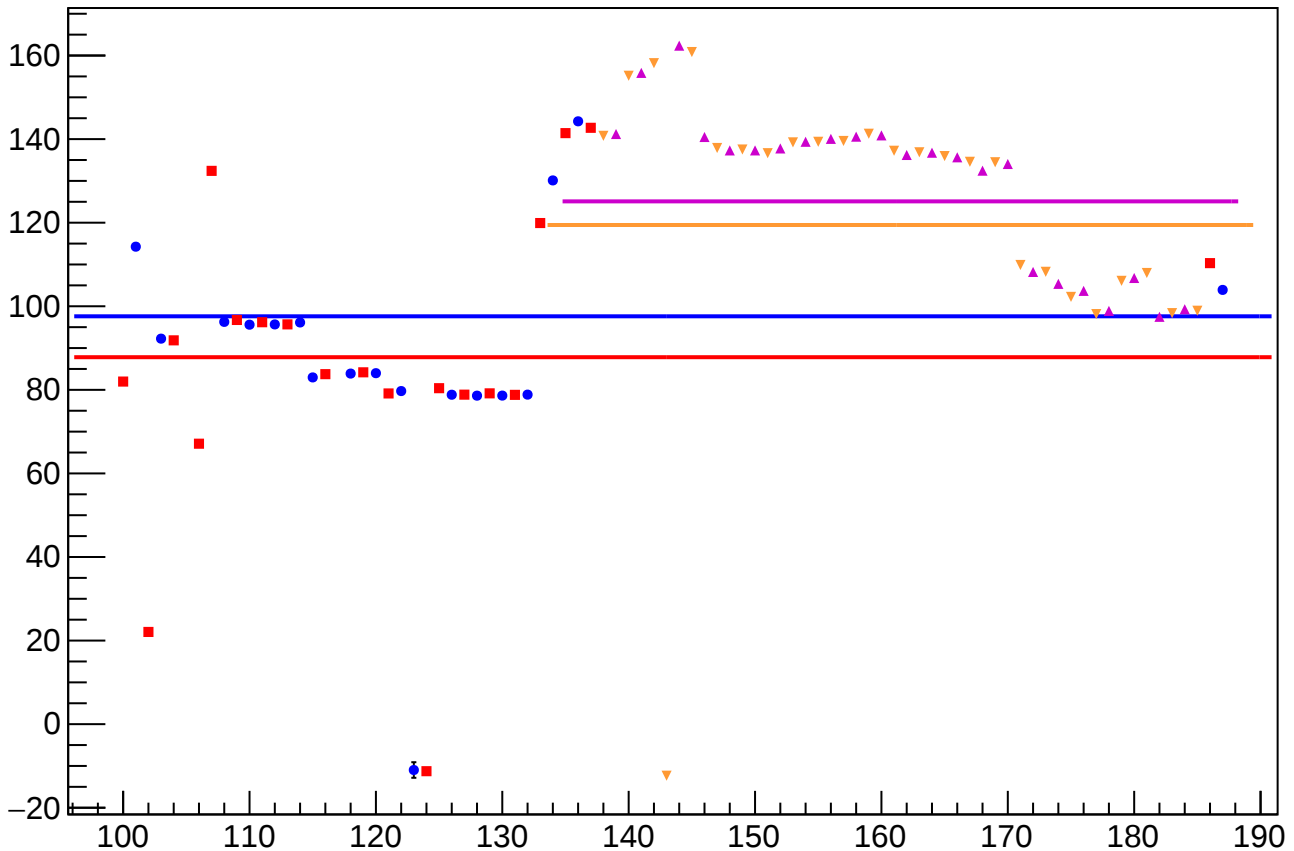
Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

+ sign -76.783 ± 0.701 χ^2/NDF : 1572.1/42

All: -76.925 ± 0.499 χ^2/NDF : 2590.6/85

- sign -77.072 ± 0.710 χ^2/NDF : 1018.4/42

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.598 $\pm$ 0.072 χ^2/NDF : 94652.6/17

Left Out: 119.448 $\pm$ 0.041 χ^2/NDF : 660075.8/24

Right Out: 87.812 $\pm$ 0.067 χ^2/NDF : 224291.6/19

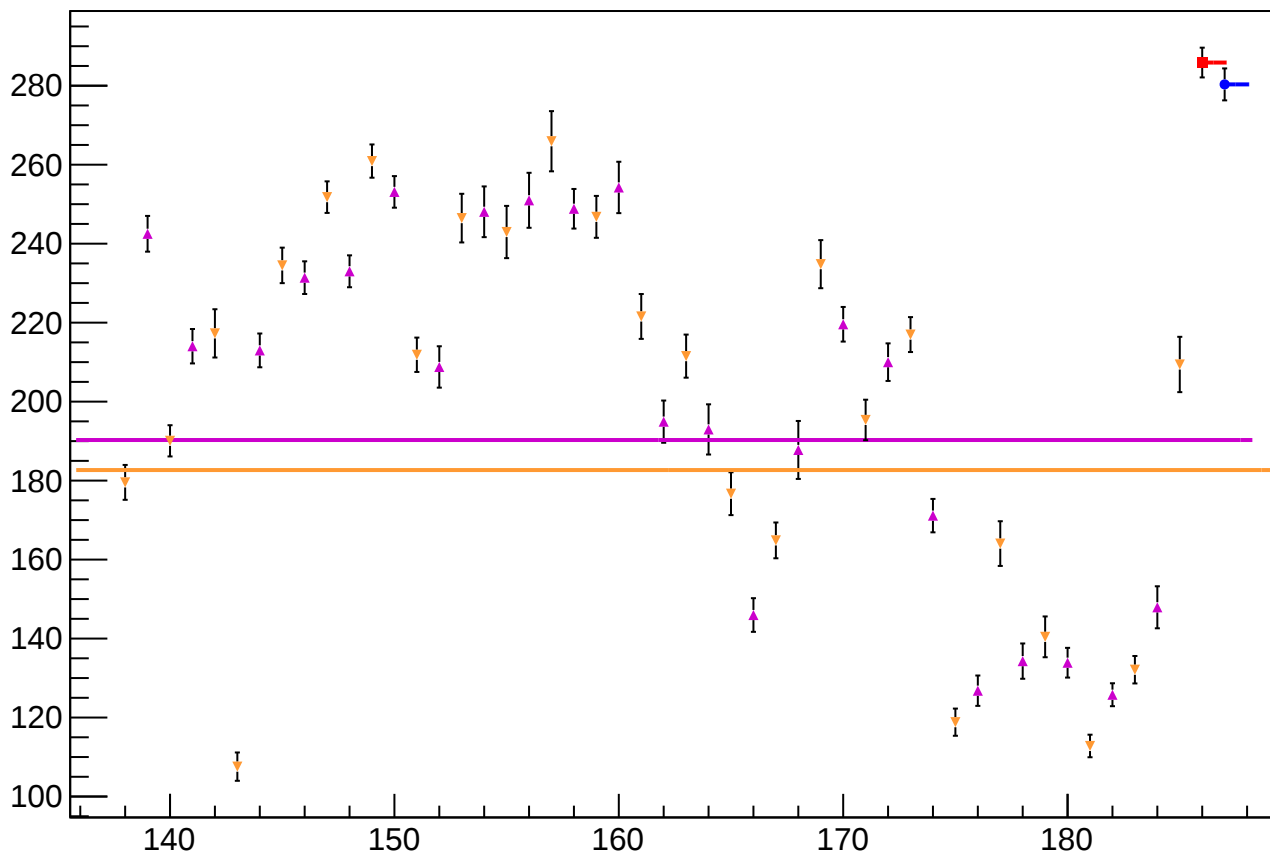
Left In: 125.101 $\pm$ 0.041 χ^2/NDF : 222793.3/22

+ sign 114.219 $\pm$ 0.035 χ^2/NDF : 823949.9/42

All: 114.621 $\pm$ 0.025 χ^2/NDF : 1493940.9/85

- sign 115.016 $\pm$ 0.035 χ^2/NDF : 669735.4/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 280.334 $\pm$ 4.047 χ^2 /NDF: 0.0/0

Left Out: 182.672 $\pm$ 0.919 χ^2 /NDF:3230.7/24

Right Out: 285.865 $\pm$ 3.768 χ^2 /NDF: 0.0/0

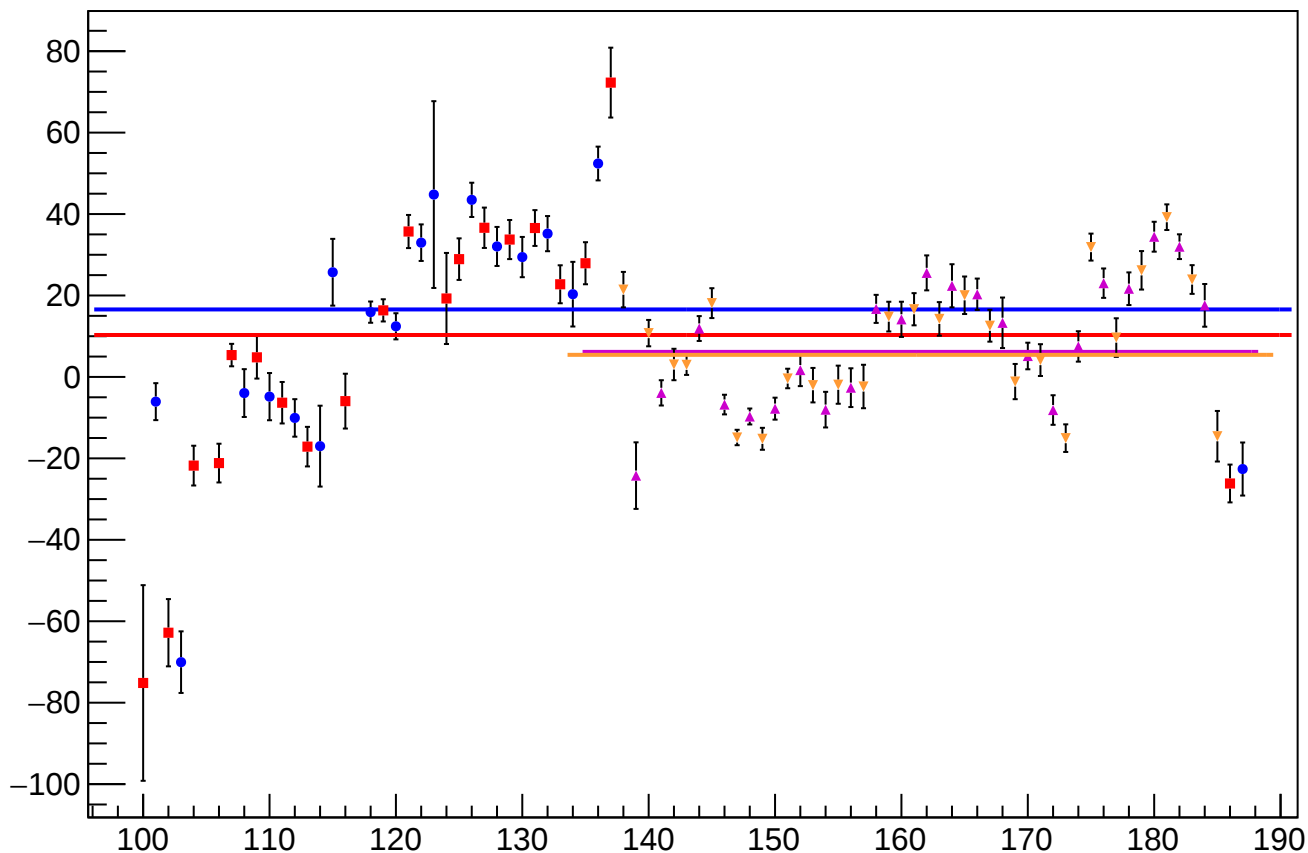
Left In: 190.279 $\pm$ 0.949 χ^2 /NDF:2452.9/22

+ sign 187.457 $\pm$ 0.896 χ^2 /NDF: 3784.5/25

All: 191.604 $\pm$ 0.642 χ^2 /NDF: 6886.6/49

- sign 195.980 $\pm$ 0.920 χ^2 /NDF: 3058.0/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 16.573+/-1.129 χ^2/NDF : 432.4/17

Left Out: 5.425+/-0.693 χ^2/NDF : 525.2/24

Right Out: 10.299+/-1.057 χ^2/NDF : 508.8/19

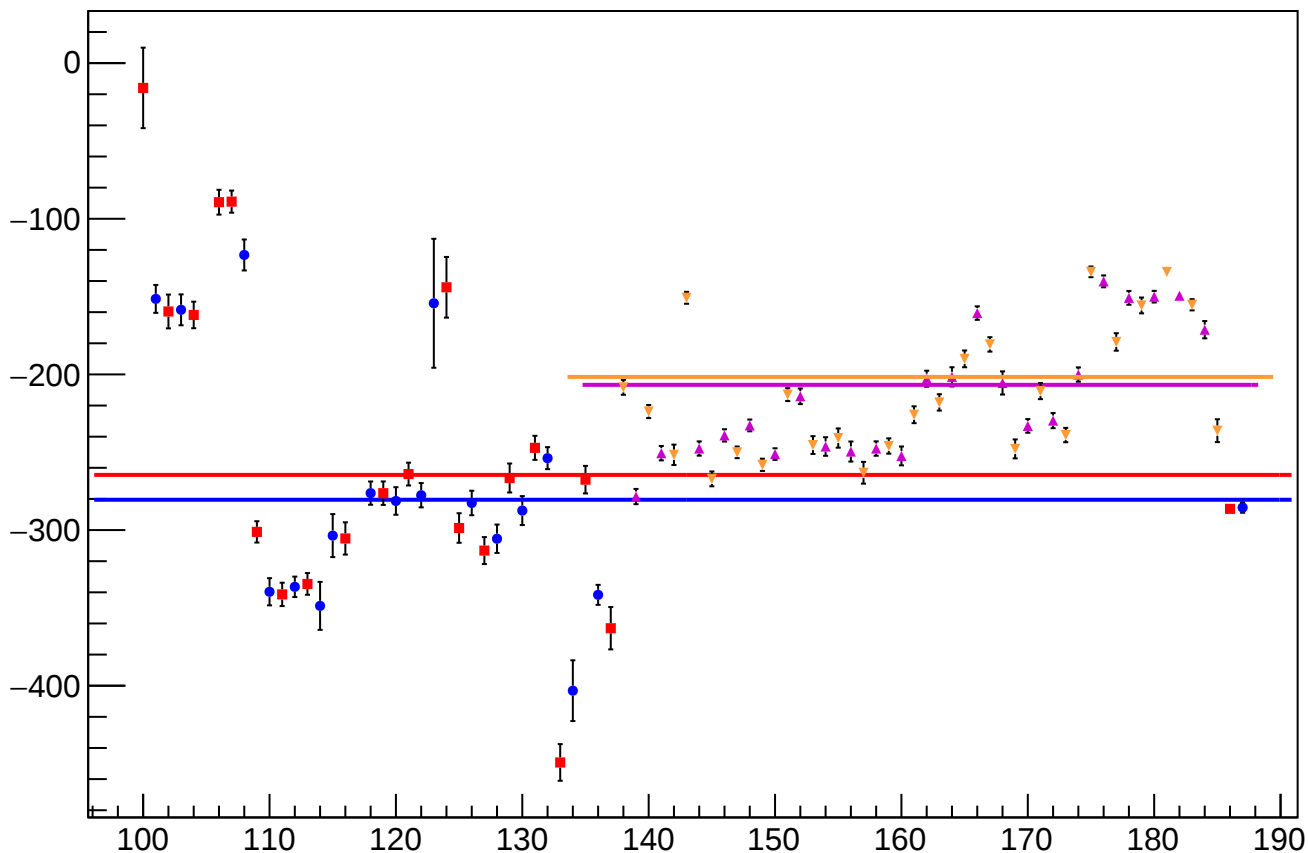
Left In: 6.151+/-0.730 χ^2/NDF : 410.6/22

+ sign 8.474+/-0.590 χ^2/NDF : 1028.4/42

All: 7.990+/-0.421 χ^2/NDF : 1959.6/85

- sign 7.489+/-0.601 χ^2/NDF : 929.8/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -280.527 ± 1.816 χ^2/NDF : 913.8/17

Left Out: -201.610 ± 0.922 χ^2/NDF : 2462.4/24

Right Out: -264.559 ± 1.676 χ^2/NDF : 2115.0/19

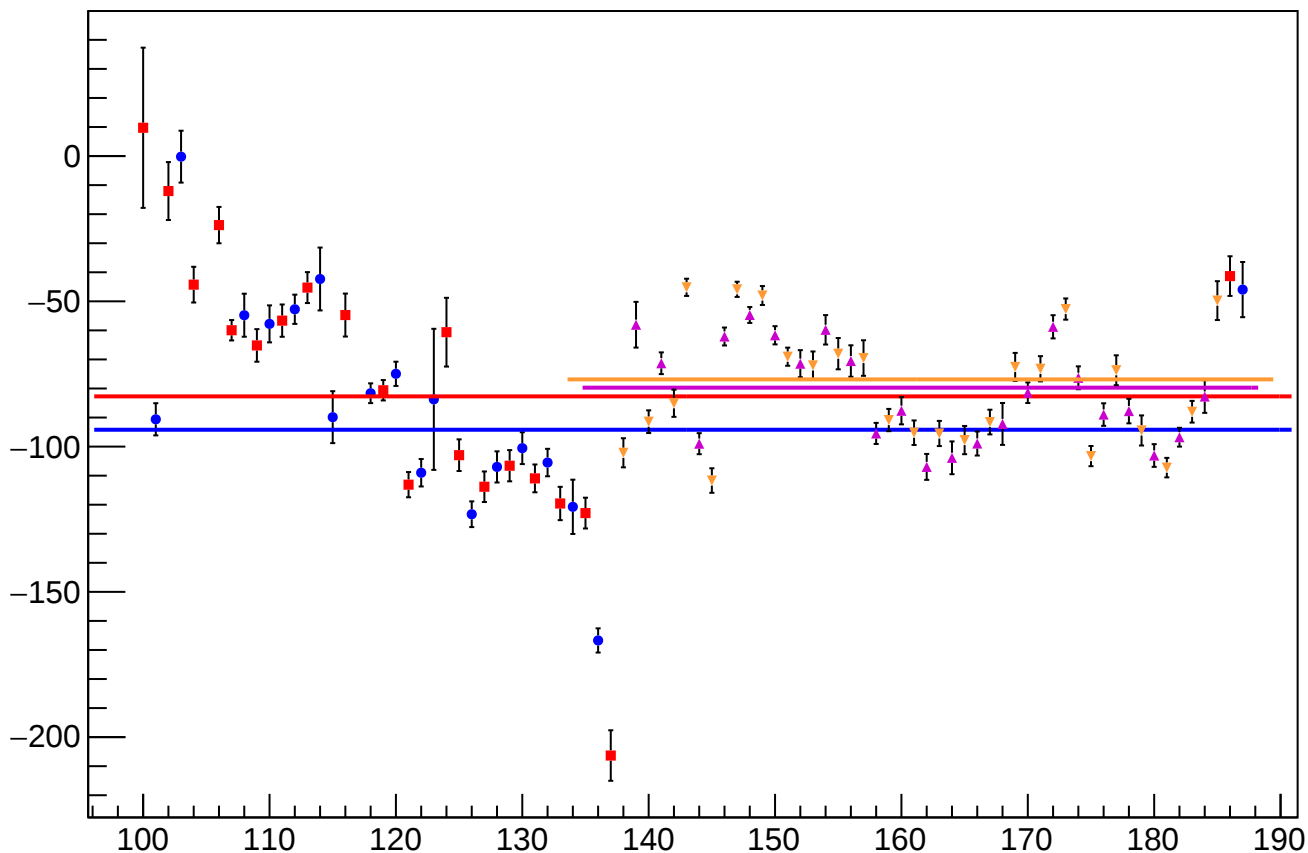
Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

+ sign -217.800 ± 0.822 χ^2/NDF : 4877.7/42

All: -219.235 ± 0.582 χ^2/NDF : 10037.1/85

- sign -220.676 ± 0.824 χ^2/NDF : 5153.3/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -94.200 ± 1.310 χ^2/NDF : 701.2/17

Left Out: -76.870 ± 0.802 χ^2/NDF : 758.7/24

Right Out: -82.716 ± 1.238 χ^2/NDF : 820.9/19

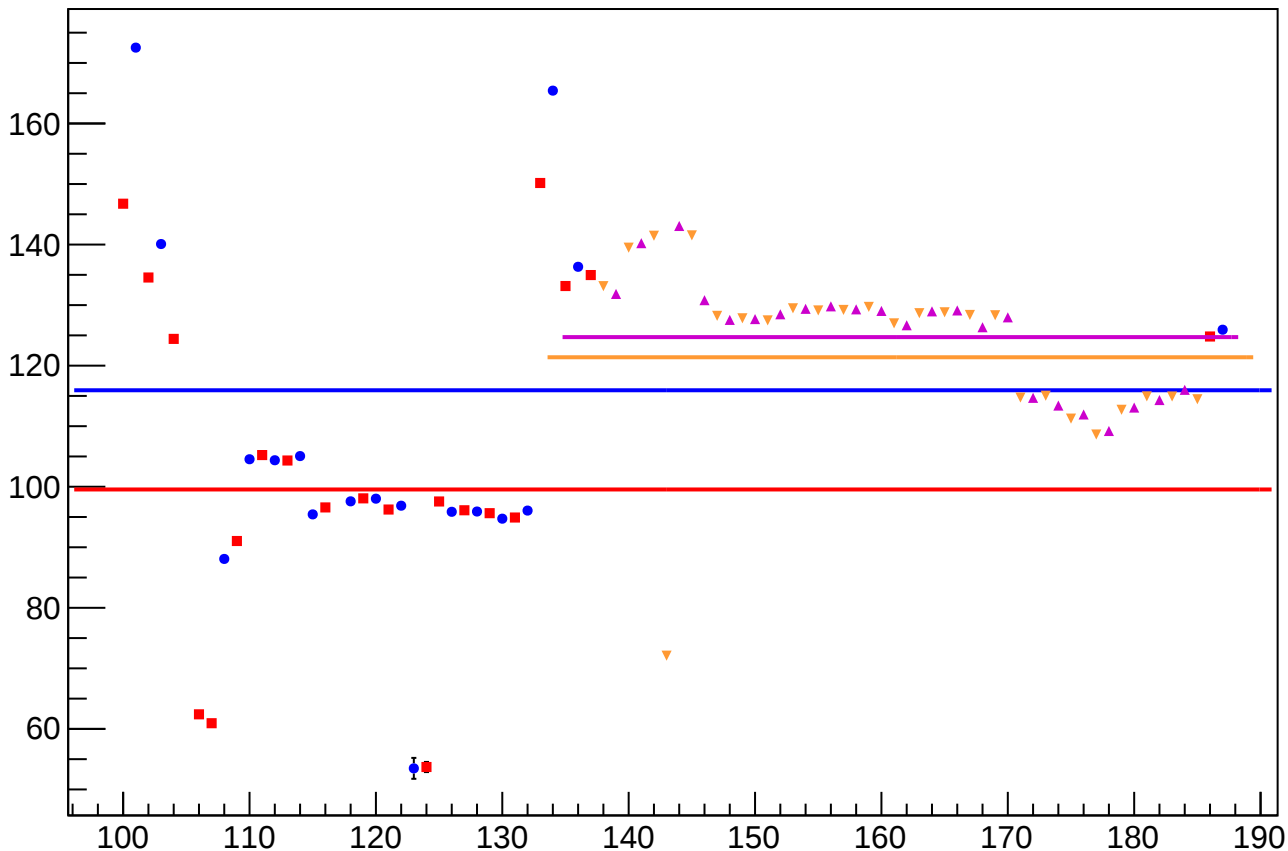
Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

+ sign -81.593 ± 0.684 χ^2/NDF : 1587.3/42

All: -81.133 ± 0.487 χ^2/NDF : 2828.3/85

- sign -80.660 ± 0.694 χ^2/NDF : 1240.1/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.934 $\pm$ 0.077 χ^2 /NDF: 106741.9/17

Left Out: 121.385 $\pm$ 0.038 χ^2 /NDF:164871.1/24

Right Out: 99.547 $\pm$ 0.068 χ^2 /NDF: 176198.8/19

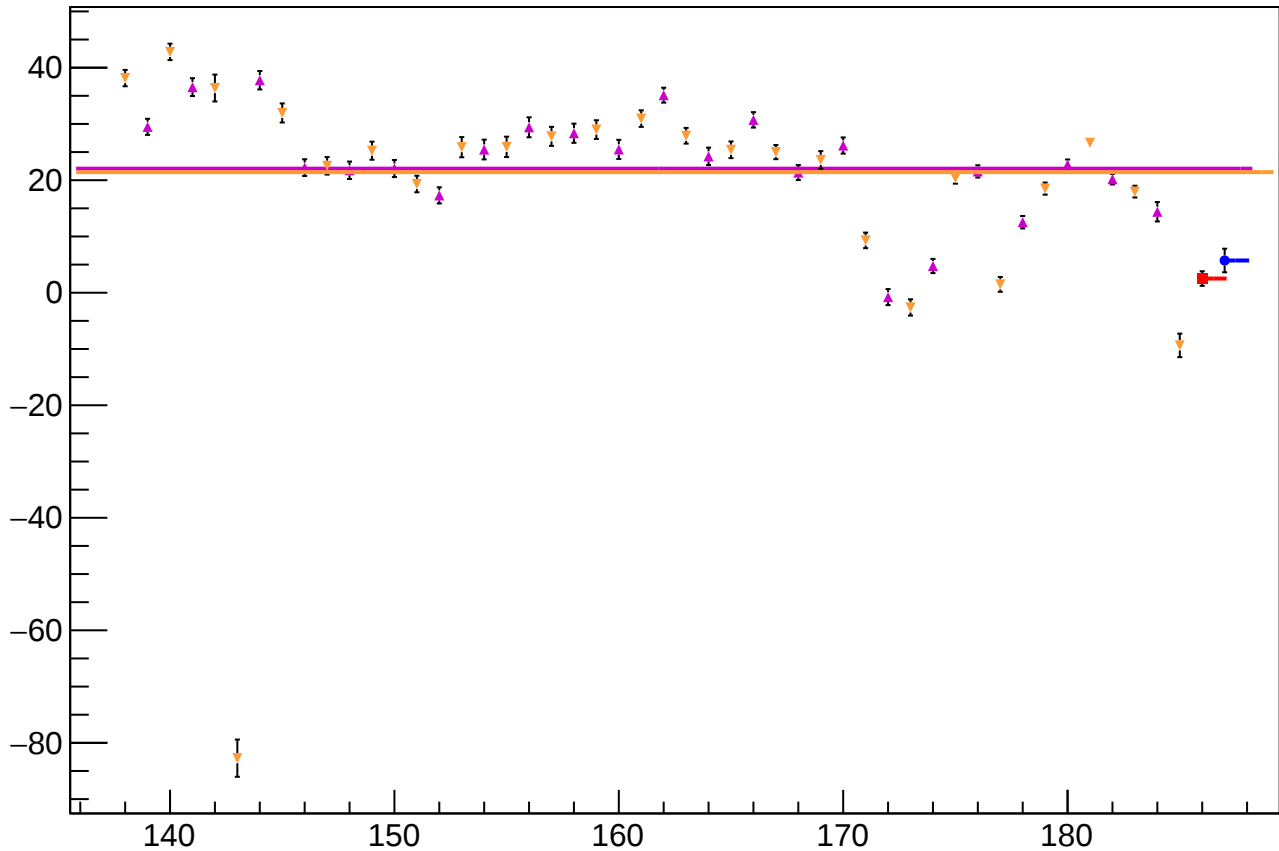
Left In: 124.714 $\pm$ 0.039 χ^2 /NDF:51750.7/22

+ sign 120.310 $\pm$ 0.034 χ^2 /NDF: 275617.7/42

All: 119.365 $\pm$ 0.024 χ^2 /NDF: 608403.5/85

- sign 118.444 $\pm$ 0.034 χ^2 /NDF: 331285.4/42

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 5.730 $\pm$ 2.097 χ^2 /NDF: 0.0/0

Left Out: 21.435 $\pm$ 0.283 χ^2 /NDF:2406.2/24

Right Out: 2.522 $\pm$ 1.295 χ^2 /NDF: 0.0/0

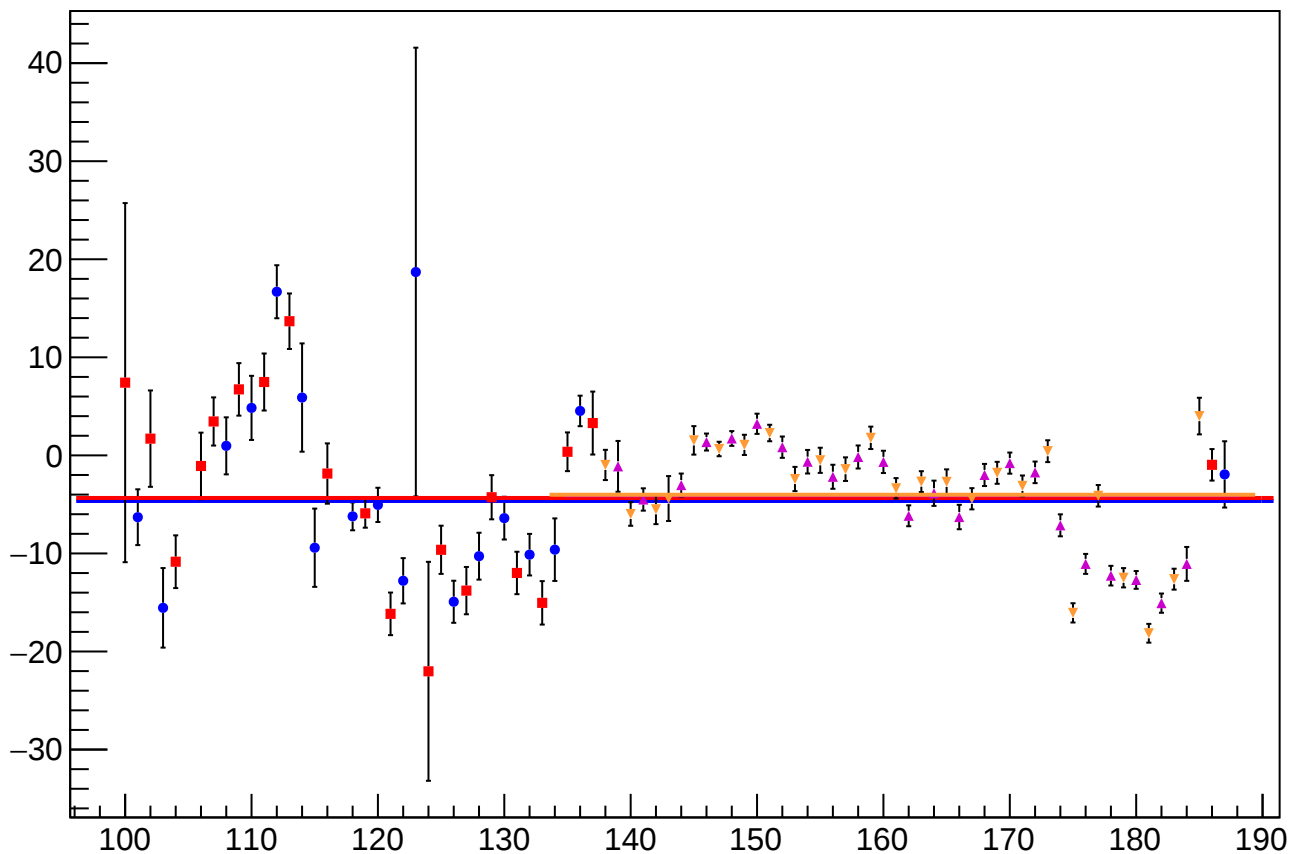
Left In: 22.055 $\pm$ 0.284 χ^2 /NDF:941.3/22

+ sign 21.155 $\pm$ 0.280 χ^2 /NDF: 2461.3/25

All: 21.156 $\pm$ 0.197 χ^2 /NDF: 3619.6/49

- sign 21.157 $\pm$ 0.278 χ^2 /NDF: 1158.3/23

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.650 ± 0.571 χ^2/NDF : 175.5/17

Left Out: -4.015 ± 0.223 χ^2/NDF : 731.7/24

Right Out: -4.344 ± 0.550 χ^2/NDF : 198.5/19

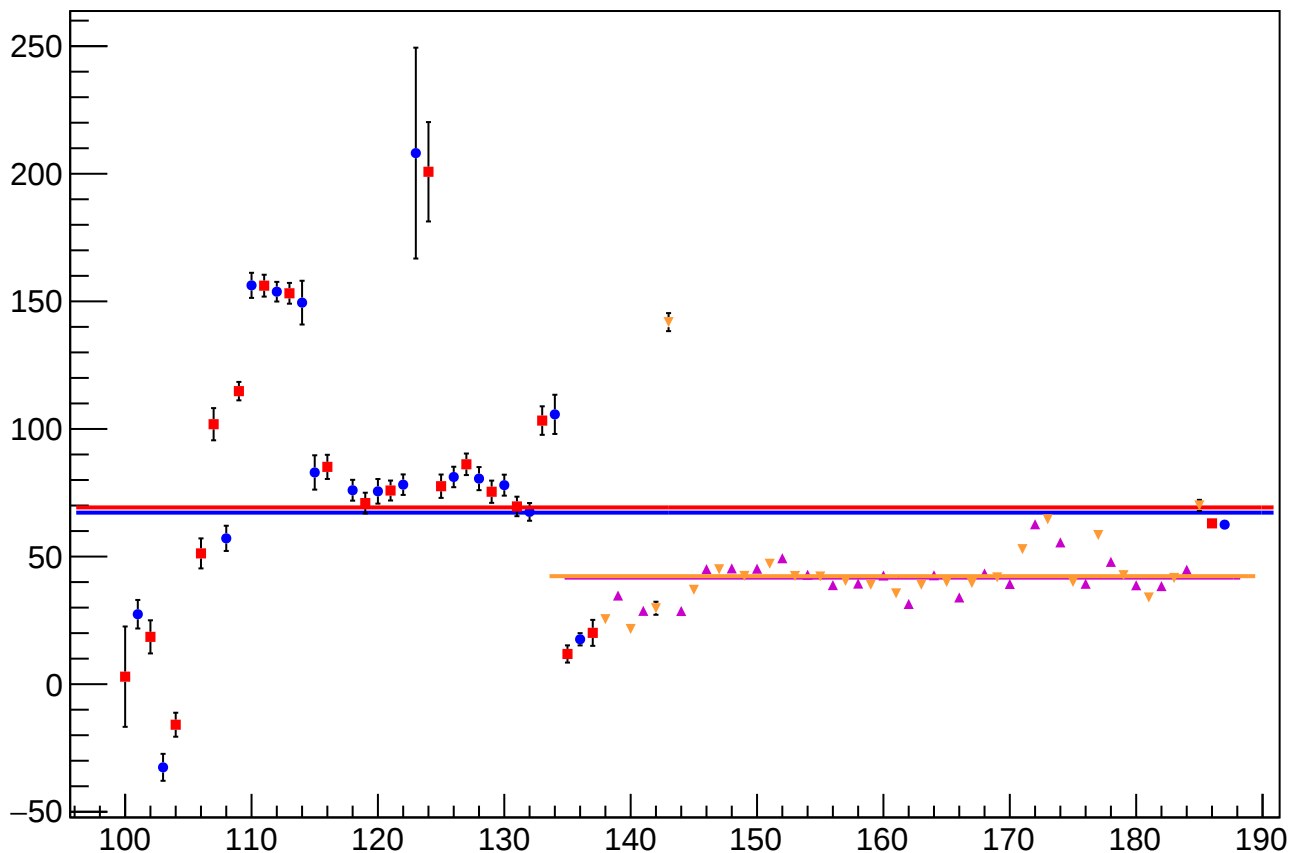
Left In: -4.069 ± 0.227 χ^2/NDF : 580.1/22

+ sign -4.099 ± 0.208 χ^2/NDF : 908.2/42

All: -4.104 ± 0.148 χ^2/NDF : 1687.0/85

- sign -4.109 ± 0.210 χ^2/NDF : 778.8/42

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 67.214 $\pm$ 0.913 χ^2 /NDF: 1858.2/17

Left Out: 42.322 $\pm$ 0.282 χ^2 /NDF:1855.5/24

Right Out: 69.259 $\pm$ 0.745 χ^2 /NDF: 1969.4/19

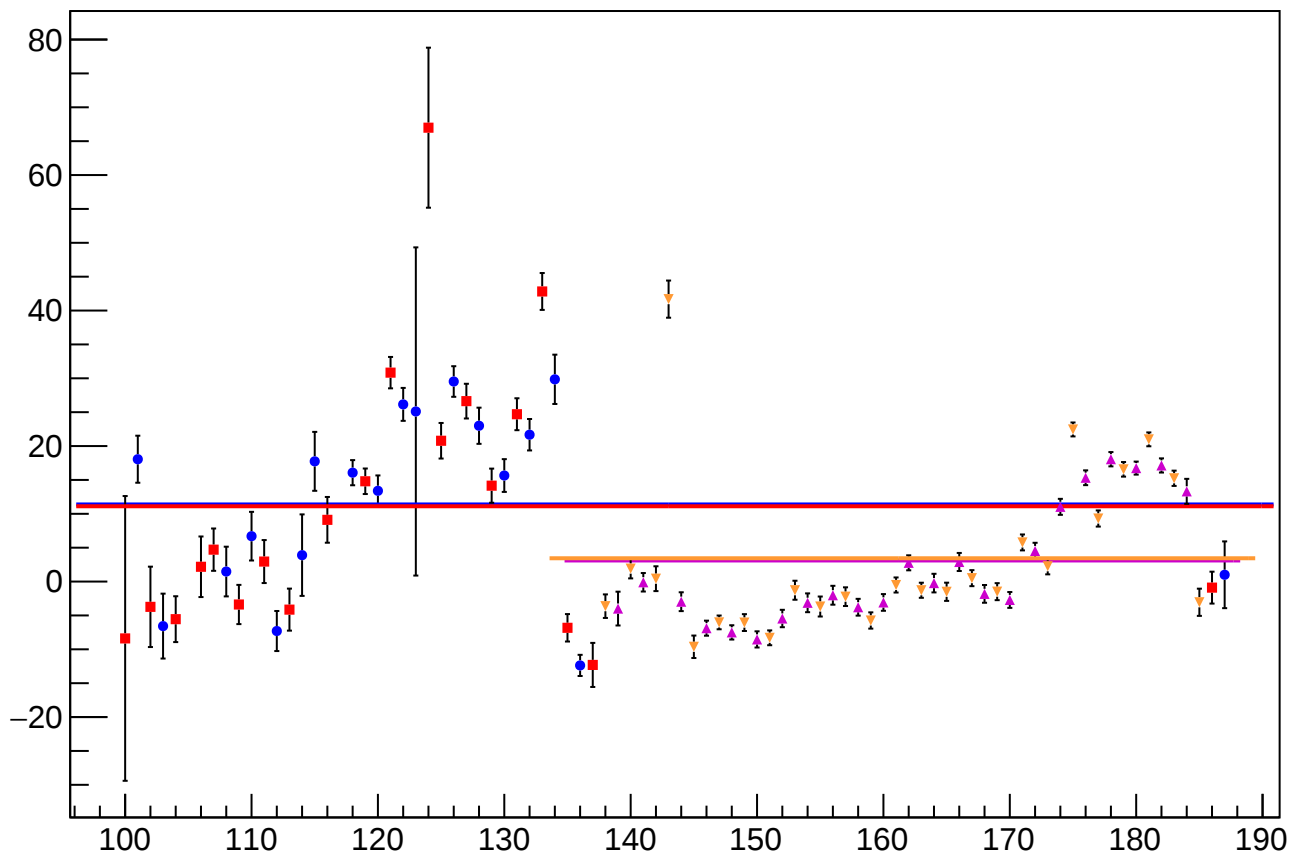
Left In: 41.755 $\pm$ 0.283 χ^2 /NDF:659.6/22

+ sign 44.491 $\pm$ 0.270 χ^2 /NDF: 4392.1/42

All: 44.863 $\pm$ 0.189 χ^2 /NDF: 8215.1/85

- sign 45.221 $\pm$ 0.265 χ^2 /NDF: 3819.2/42

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.380 $\pm$ 0.652 χ^2 /NDF: 482.7/17

Left Out: 3.439 $\pm$ 0.252 χ^2 /NDF: 1647.7/24

Right Out: 11.114 $\pm$ 0.640 χ^2 /NDF: 571.4/19

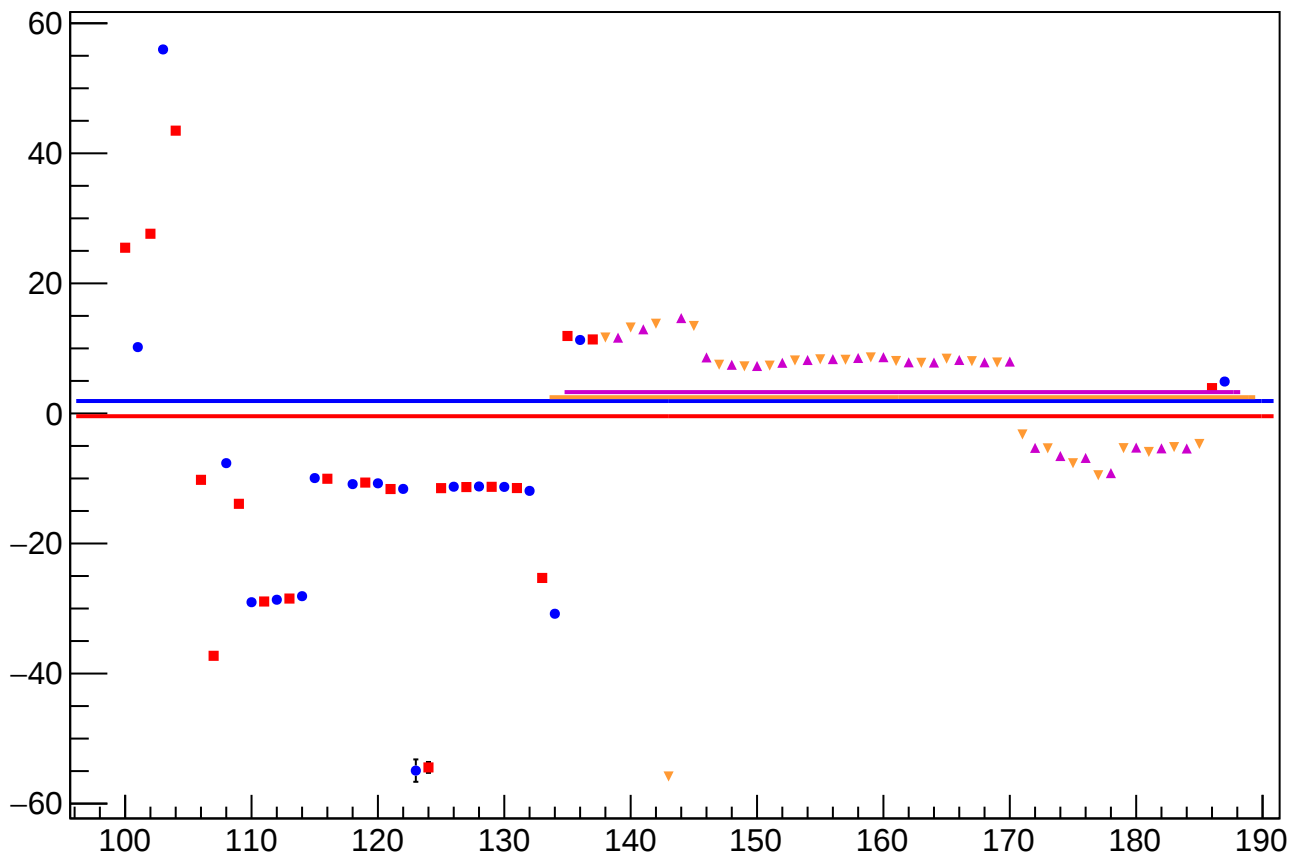
Left In: 3.114 $\pm$ 0.256 χ^2 /NDF: 1273.1/22

+ sign 4.473 $\pm$ 0.235 χ^2 /NDF: 2259.2/42

All: 4.349 $\pm$ 0.167 χ^2 /NDF: 4239.1/85

- sign 4.221 $\pm$ 0.238 χ^2 /NDF: 1979.3/42

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 1.909 ± 0.037 χ^2/NDF : 359532.7/17

Left Out: 2.497 ± 0.012 χ^2/NDF : 588138.5/24

Right Out: -0.427 ± 0.036 χ^2/NDF : 362341.6/19

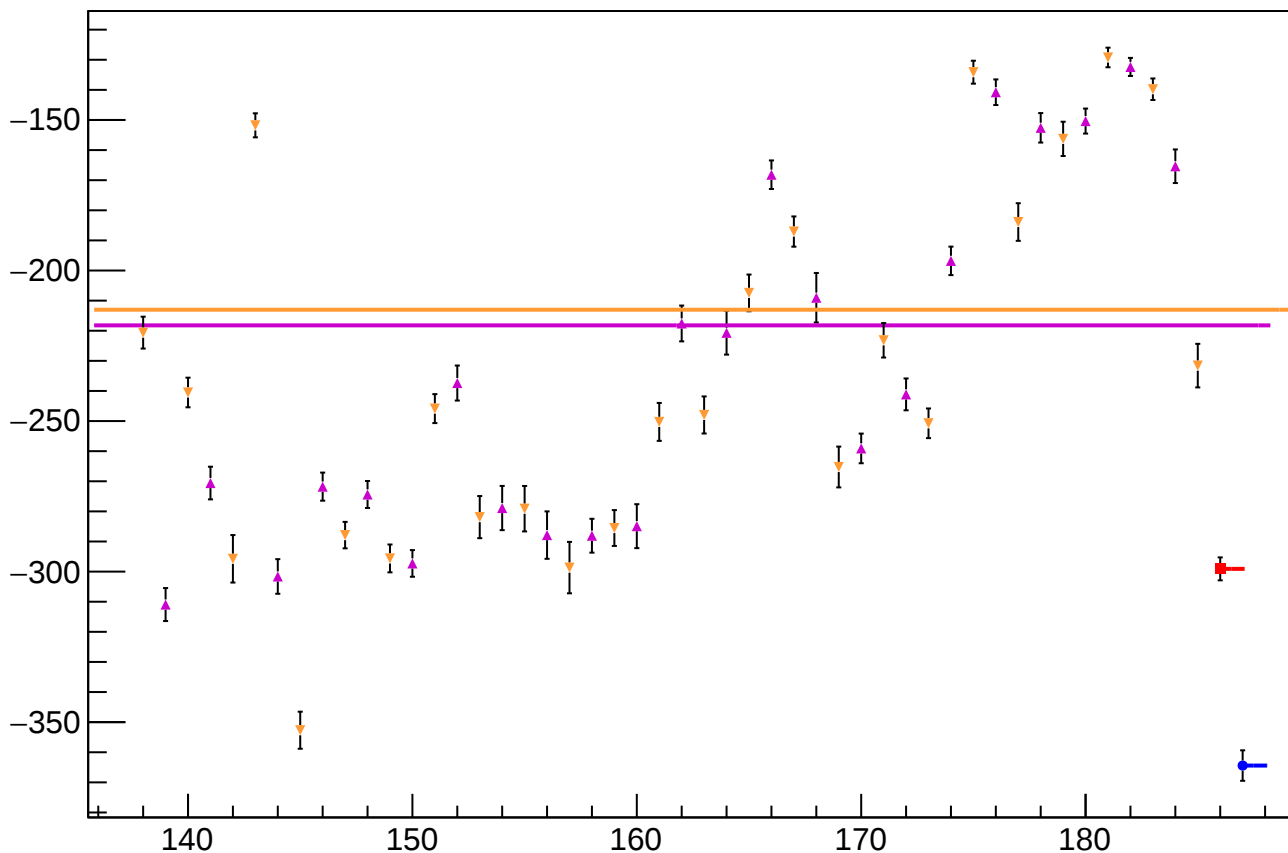
Left In: 3.281 ± 0.012 χ^2/NDF : 409605.3/22

+ sign 2.443 ± 0.011 χ^2/NDF : 947905.0/42

All: 2.689 ± 0.008 χ^2/NDF : 1730379.8/85

- sign 2.935 ± 0.011 χ^2/NDF : 781484.8/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -364.416+/-5.062 χ^2 /NDF: 0.0/0

Left Out: -213.020+/-1.035 χ^2 /NDF:3826.2/24

Right Out: -299.089+/-3.810 χ^2 /NDF: 0.0/0

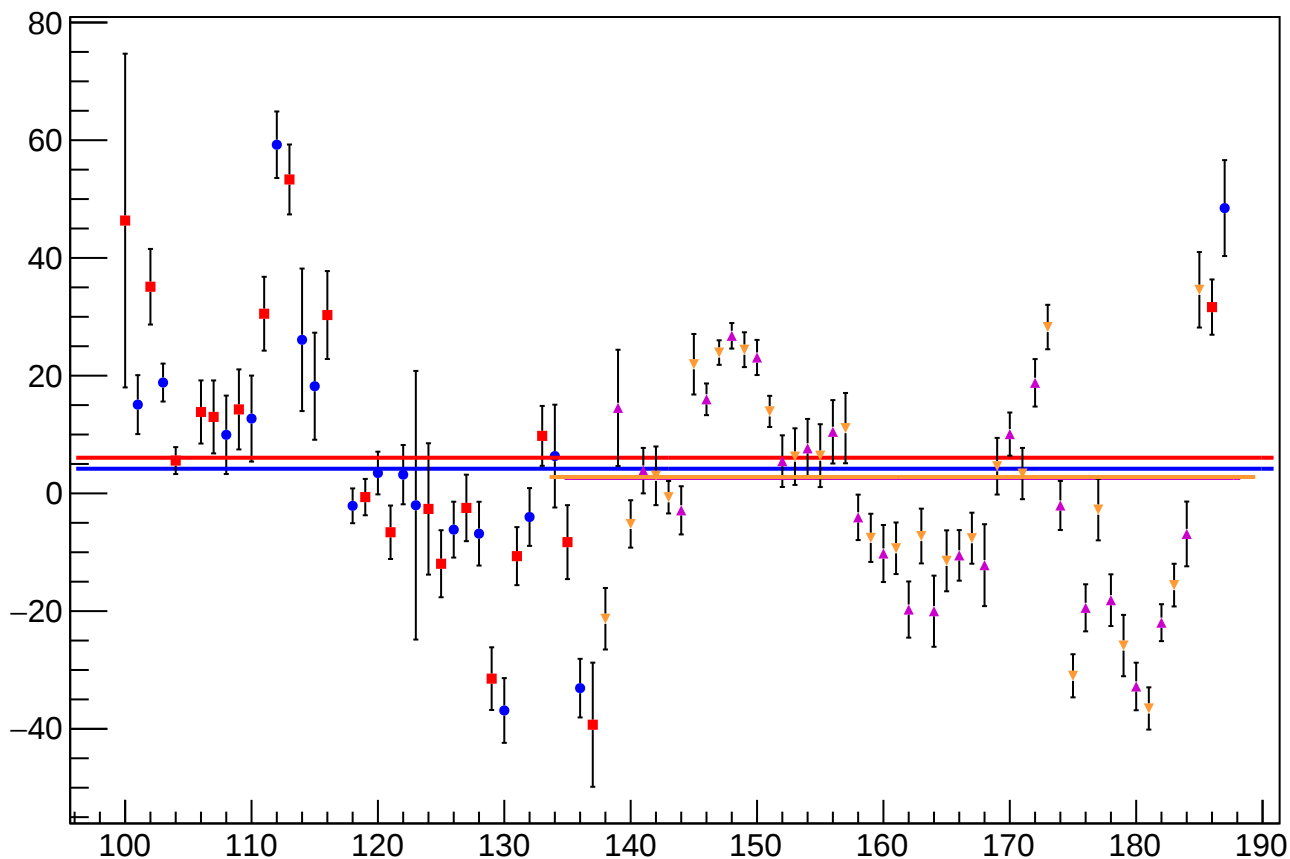
Left In: -218.216+/-1.063 χ^2 /NDF:3499.0/22

+ sign -219.100+/-1.014 χ^2 /NDF: 4684.9/25

All: -221.555+/-0.721 χ^2 /NDF: 8613.7/49

- sign -224.055+/-1.024 χ^2 /NDF: 3917.0/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 4.189 ± 1.212 χ^2/NDF : 285.8/17

Left Out: 2.786 ± 0.780 χ^2/NDF : 582.0/24

Right Out: 6.059 ± 1.126 χ^2/NDF : 256.9/19

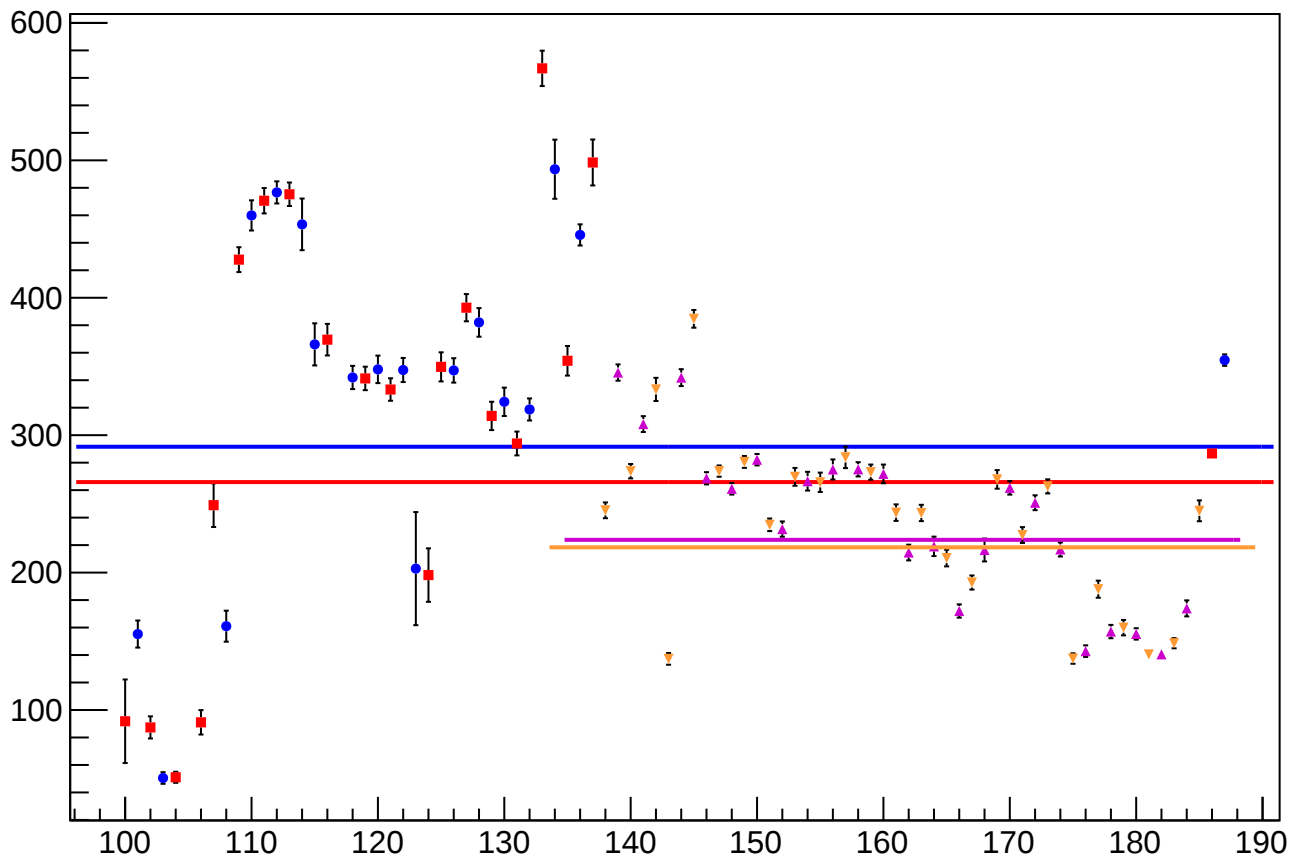
Left In: 2.619 ± 0.821 χ^2/NDF : 477.6/22

+ sign 3.197 ± 0.656 χ^2/NDF : 868.8/42

All: 3.501 ± 0.466 χ^2/NDF : 1609.9/85

- sign 3.812 ± 0.663 χ^2/NDF : 740.6/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 291.580 $\pm$ 1.938 χ^2 /NDF: 5405.6/17

Left Out: 218.389 $\pm$ 1.038 χ^2 /NDF: 3696.7/24

Right Out: 265.864 $\pm$ 1.717 χ^2 /NDF: 6513.0/19

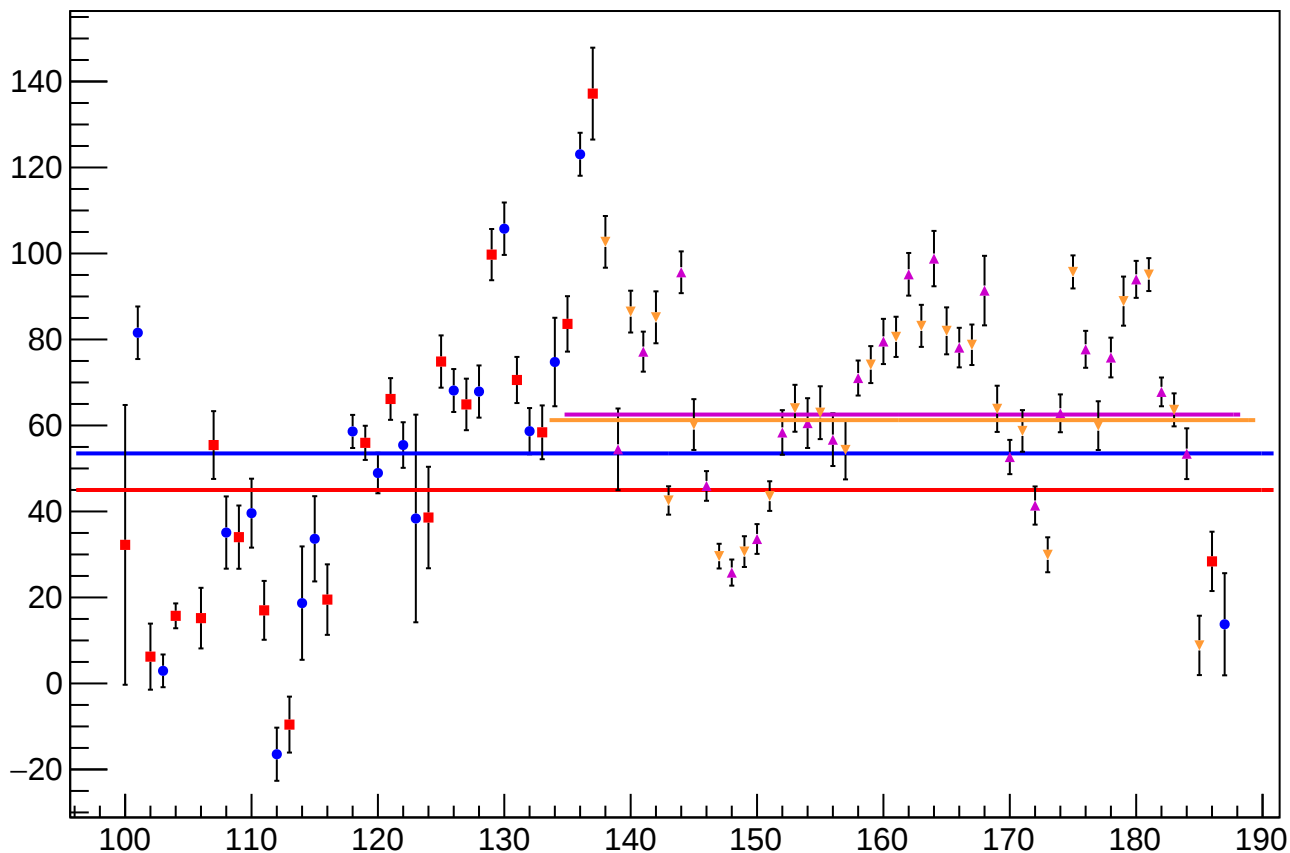
Left In: 223.827 $\pm$ 1.058 χ^2 /NDF: 3444.7/22

+ sign 234.694 $\pm$ 0.915 χ^2 /NDF: 10210.5/42

All: 235.055 $\pm$ 0.642 χ^2 /NDF: 20602.9/85

- sign 235.404 $\pm$ 0.901 χ^2 /NDF: 10392.1/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 53.497 $\pm$ 1.410 χ^2 /NDF: 645.7/17

Left Out: 61.240 $\pm$ 0.903 χ^2 /NDF: 718.8/24

Right Out: 44.992 $\pm$ 1.333 χ^2 /NDF: 536.8/19

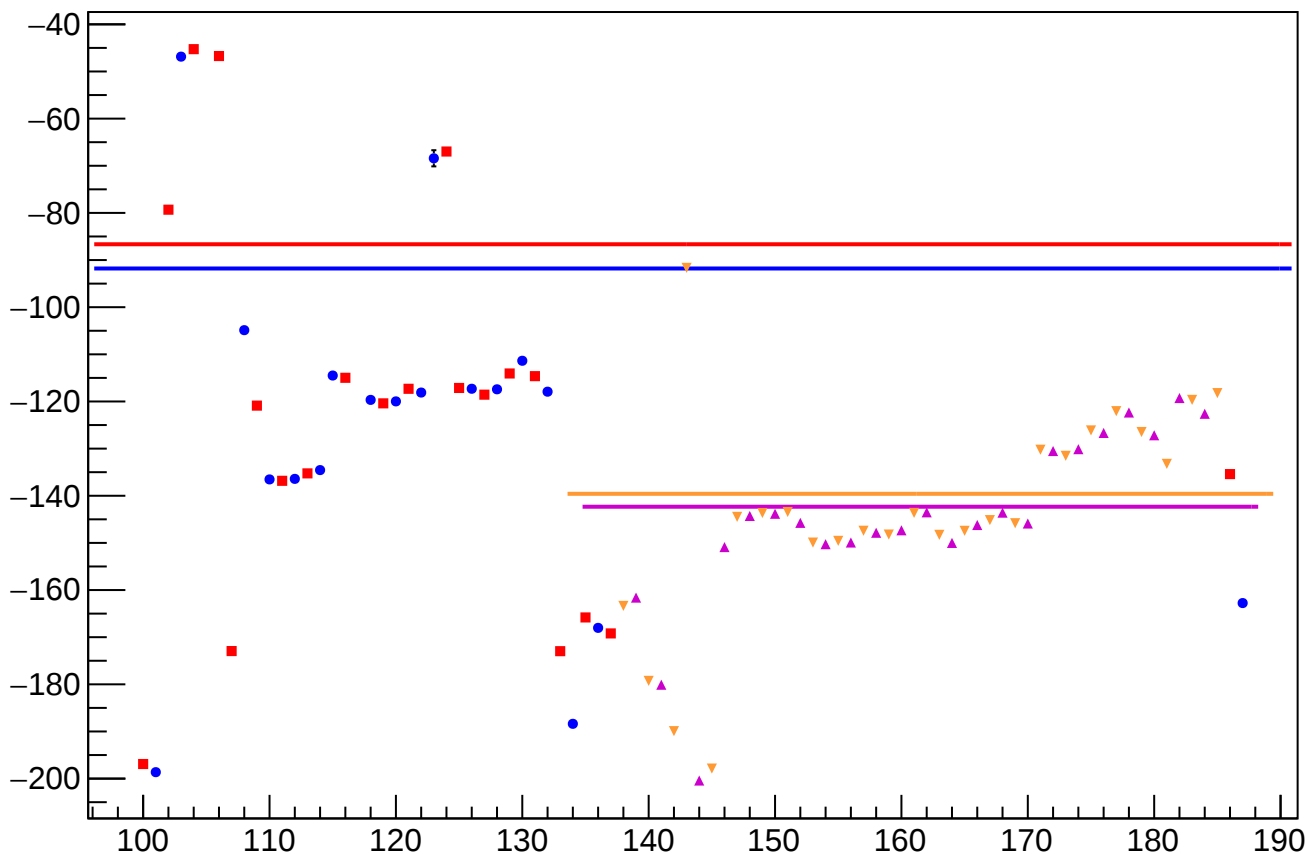
Left In: 62.538 $\pm$ 0.940 χ^2 /NDF: 520.0/22

+ sign 58.990 $\pm$ 0.760 χ^2 /NDF: 1386.0/42

All: 57.863 $\pm$ 0.540 χ^2 /NDF: 2562.8/85

- sign 56.711 $\pm$ 0.768 χ^2 /NDF: 1172.4/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.790 ± 0.067 χ^2/NDF : 545916.8/17

Left Out: -139.585 ± 0.043 χ^2/NDF : 243895.1/24

Right Out: -86.652 ± 0.064 χ^2/NDF : 505856.2/19

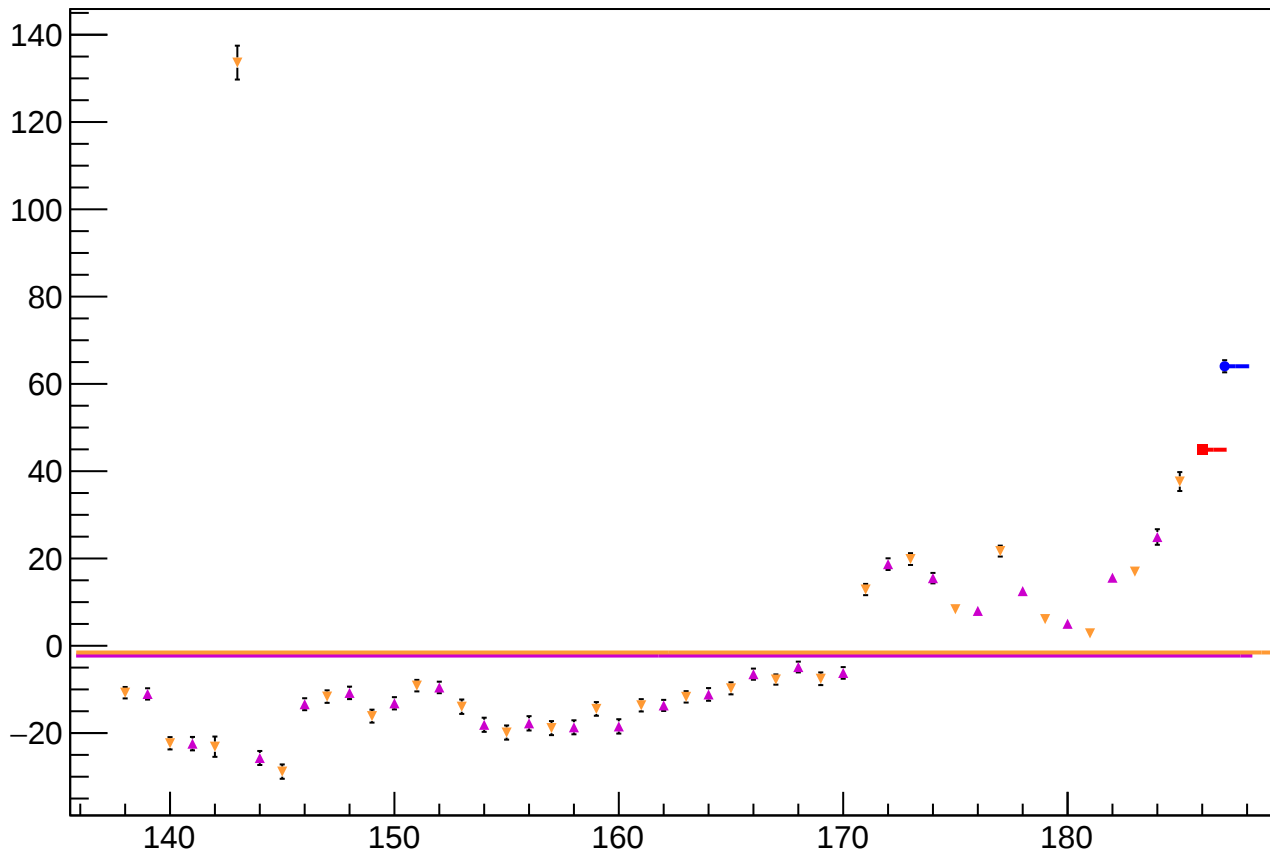
Left In: -142.326 ± 0.044 χ^2/NDF : 144642.3/22

+ sign -125.652 ± 0.036 χ^2/NDF : 1148290.8/42

All: -125.171 ± 0.026 χ^2/NDF : 2308454.4/85

- sign -124.690 ± 0.036 χ^2/NDF : 1159812.0/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 64.039+/-1.393 χ^2/NDF : 0.0/0

Left Out: -1.540+/-0.268 χ^2/NDF : 4129.1/24

Right Out: 44.920+/-0.865 χ^2/NDF : 0.0/0

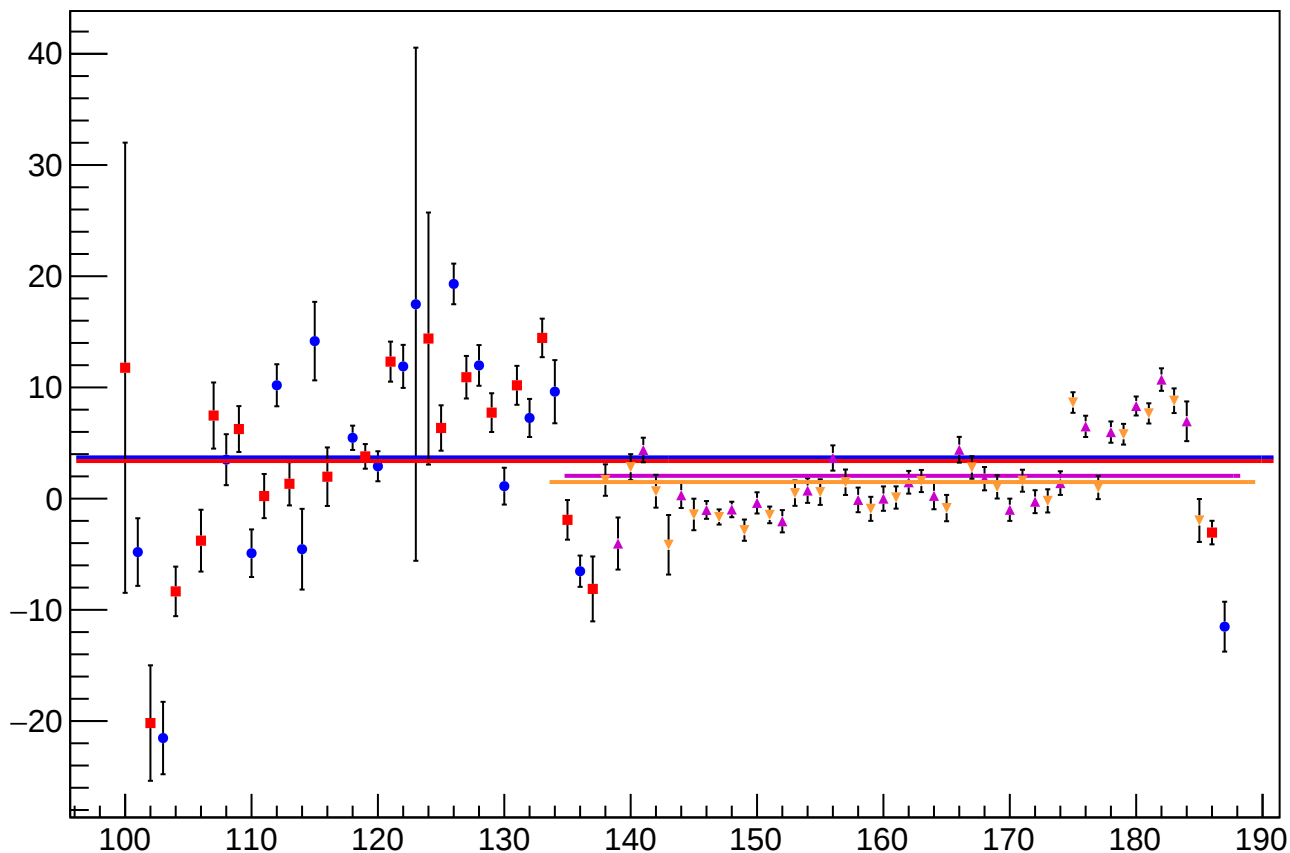
Left In: -2.244+/-0.270 χ^2/NDF : 2561.6/22

+ sign 0.796+/-0.263 χ^2/NDF : 6267.1/25

All: 1.377+/-0.184 χ^2/NDF : 11549.7/49

- sign 1.933+/-0.257 χ^2/NDF : 5273.1/23

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 3.708 ± 0.455 χ^2/NDF : 334.6/17

Left Out: 1.492 ± 0.210 χ^2/NDF : 258.3/24

Right Out: 3.381 ± 0.433 χ^2/NDF : 229.7/19

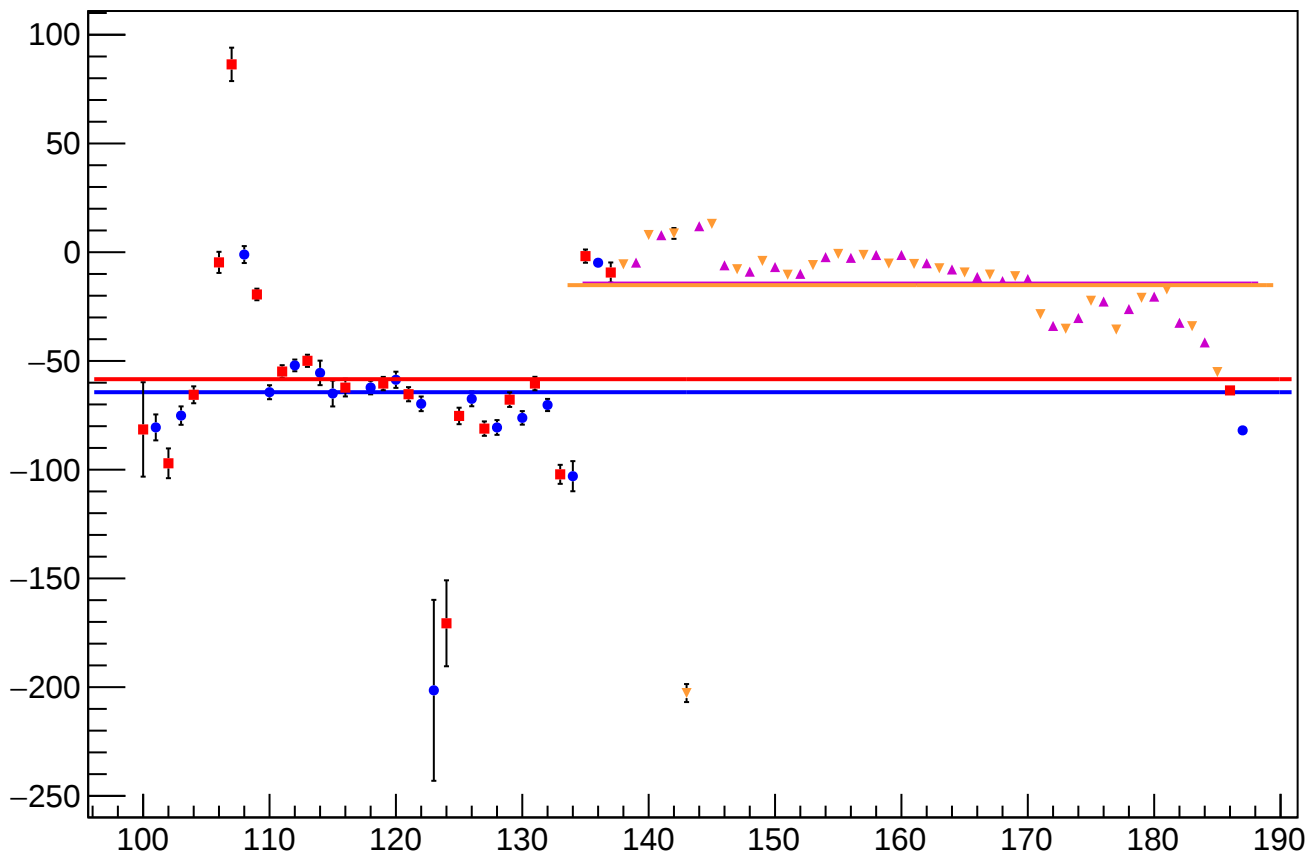
Left In: 2.051 ± 0.215 χ^2/NDF : 275.4/22

+ sign 1.883 ± 0.191 χ^2/NDF : 612.5/42

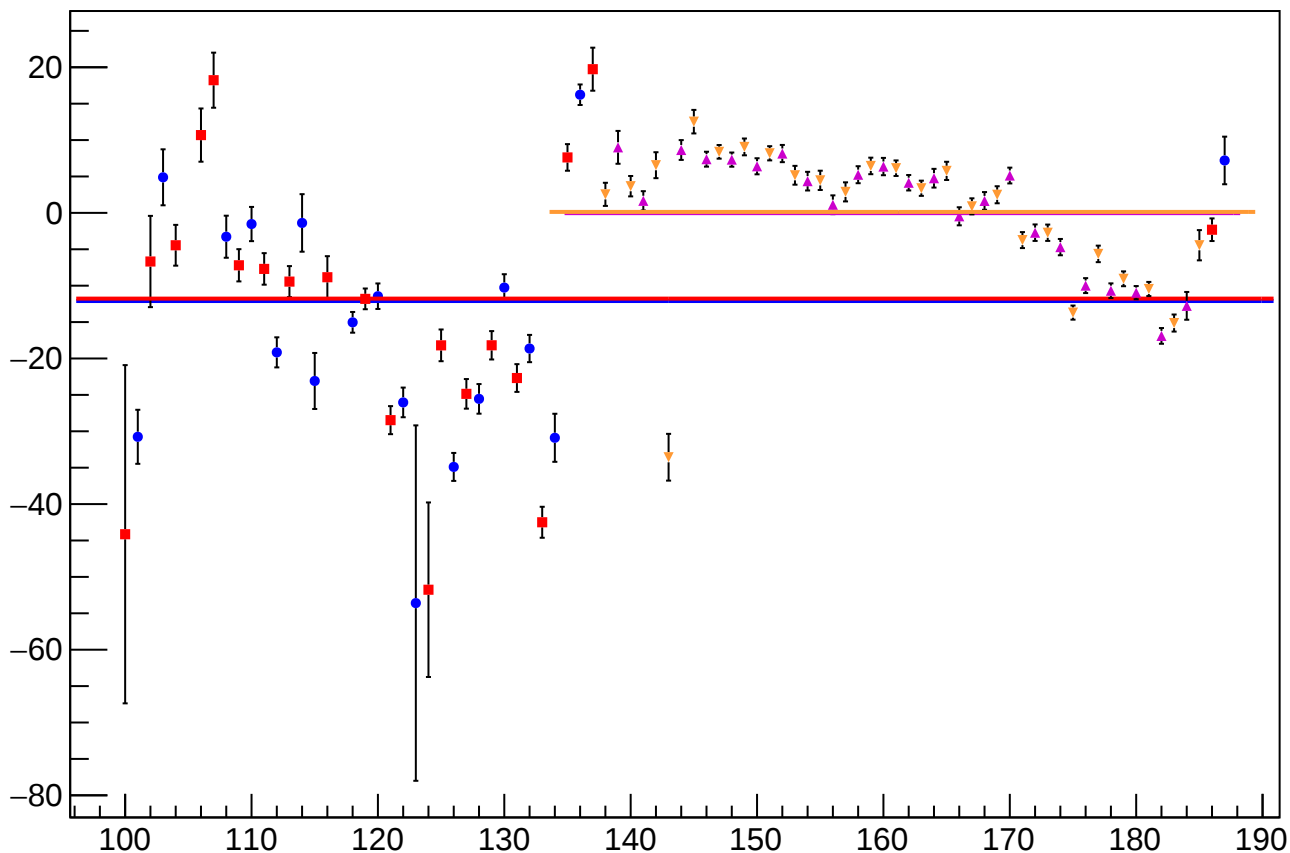
All: 2.097 ± 0.136 χ^2/NDF : 1127.6/85

- sign 2.314 ± 0.192 χ^2/NDF : 512.6/42

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: -12.108 ± 0.523 χ^2/NDF : 824.0/17

Left Out: 0.133 ± 0.238 χ^2/NDF : 1146.9/24

Right Out: -11.777 ± 0.509 χ^2/NDF : 771.8/19

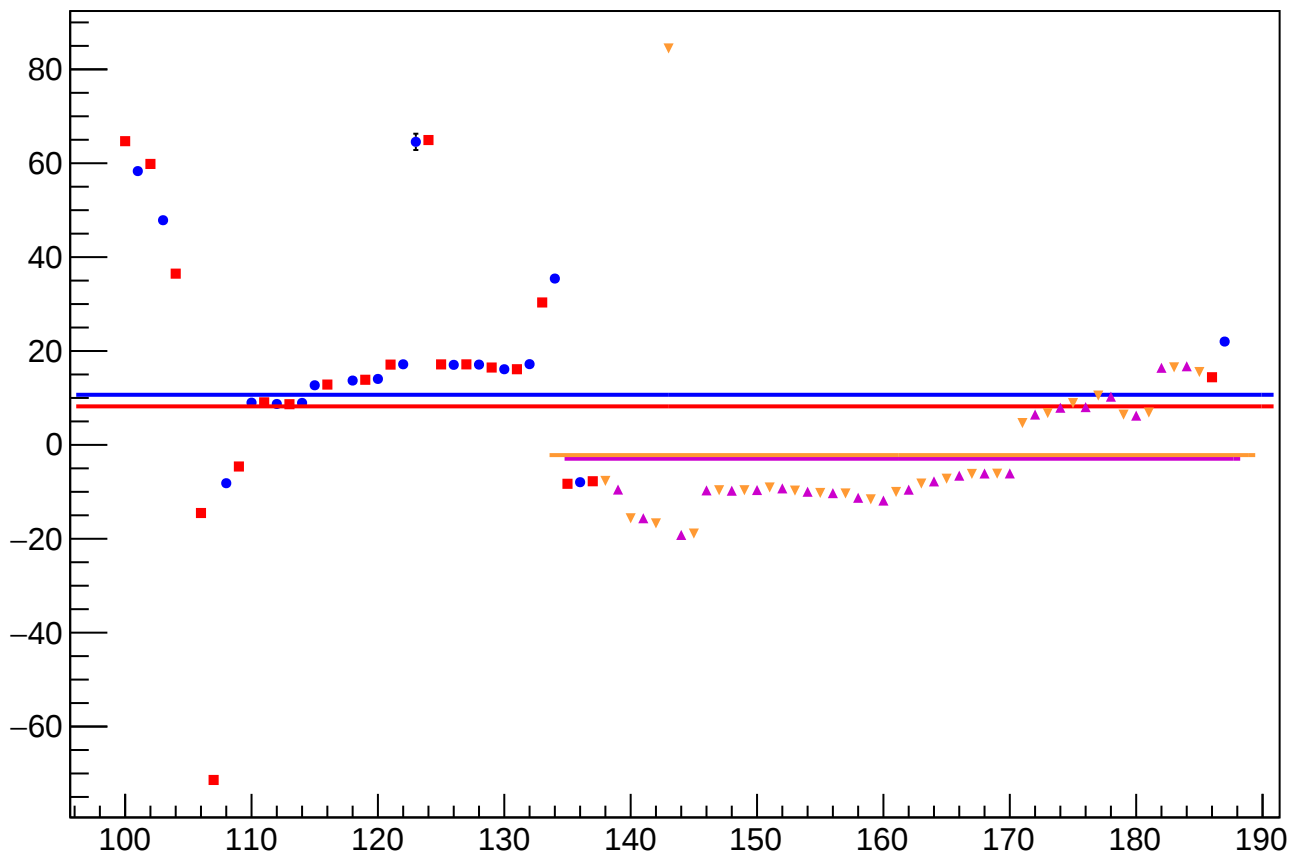
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -1.970 ± 0.217 χ^2/NDF : 2424.0/42

All: -2.089 ± 0.154 χ^2/NDF : 4658.4/85

- sign -2.209 ± 0.219 χ^2/NDF : 2233.7/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.675+/-0.030 χ^2/NDF : 384864.4/17

Left Out: -2.176+/-0.011 χ^2/NDF : 1047394.9/24

Right Out: 8.205+/-0.030 χ^2/NDF : 548413.9/19

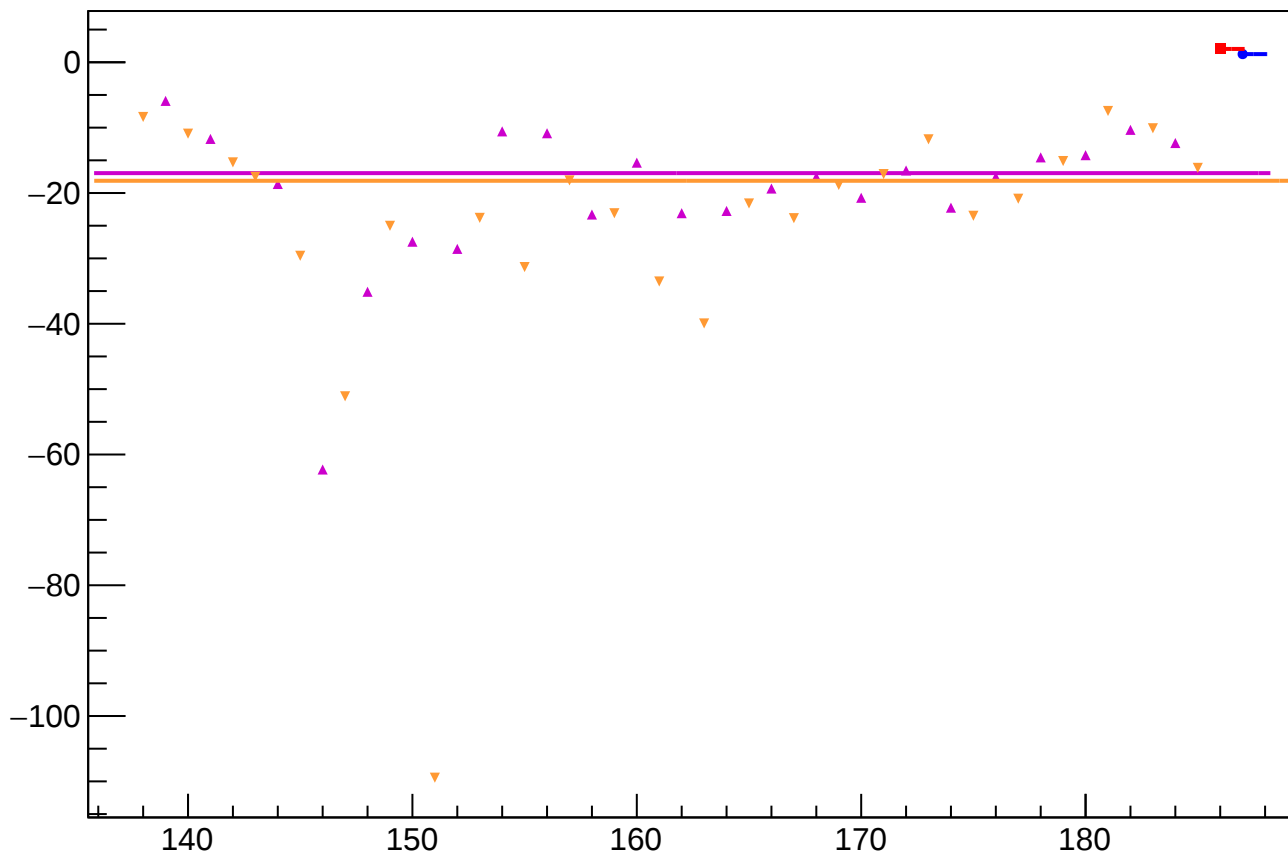
Left In: -2.949+/-0.011 χ^2/NDF : 770702.4/22

+ sign -0.683+/-0.010 χ^2/NDF : 1593055.0/42

All: -1.163+/-0.007 χ^2/NDF : 3037830.8/85

- sign -1.645+/-0.010 χ^2/NDF : 1440395.6/42

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 1.248 $\pm$ 0.282 χ^2 /NDF: 0.0/0

Left Out: -18.127 $\pm$ 0.039 χ^2 /NDF: 88514.4/24

Right Out: 2.038 $\pm$ 0.194 χ^2 /NDF: 0.0/0

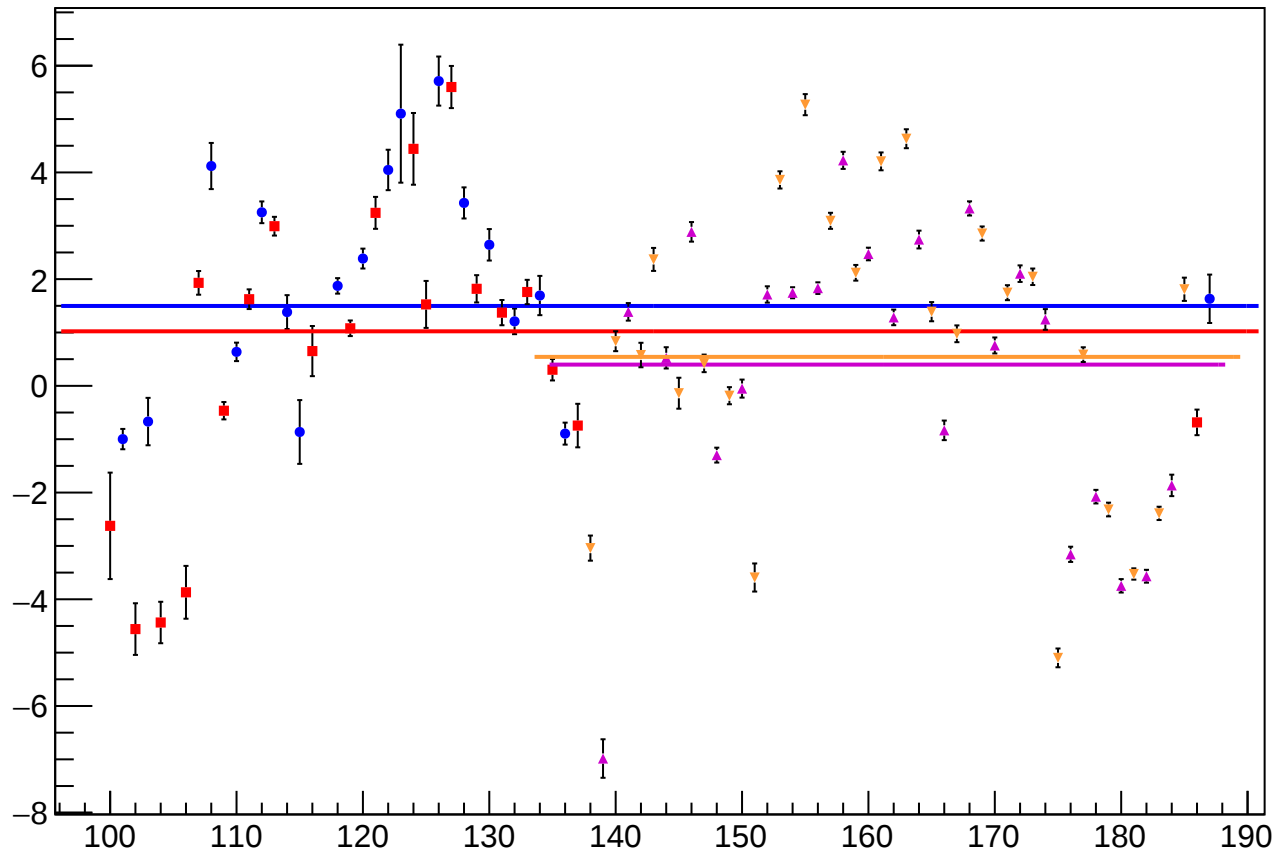
Left In: -16.958 $\pm$ 0.038 χ^2 /NDF: 44759.9/22

+ sign -17.763 $\pm$ 0.039 χ^2 /NDF: 93158.1/25

All: -16.985 $\pm$ 0.027 χ^2 /NDF: 147899.9/49

- sign -16.259 $\pm$ 0.037 χ^2 /NDF: 53955.5/23

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.497 $\pm$ 0.061 χ^2/NDF : 708.9/17

Left Out: 0.543 $\pm$ 0.032 χ^2/NDF : 7067.6/24

Right Out: 1.022 $\pm$ 0.057 χ^2/NDF : 1000.1/19

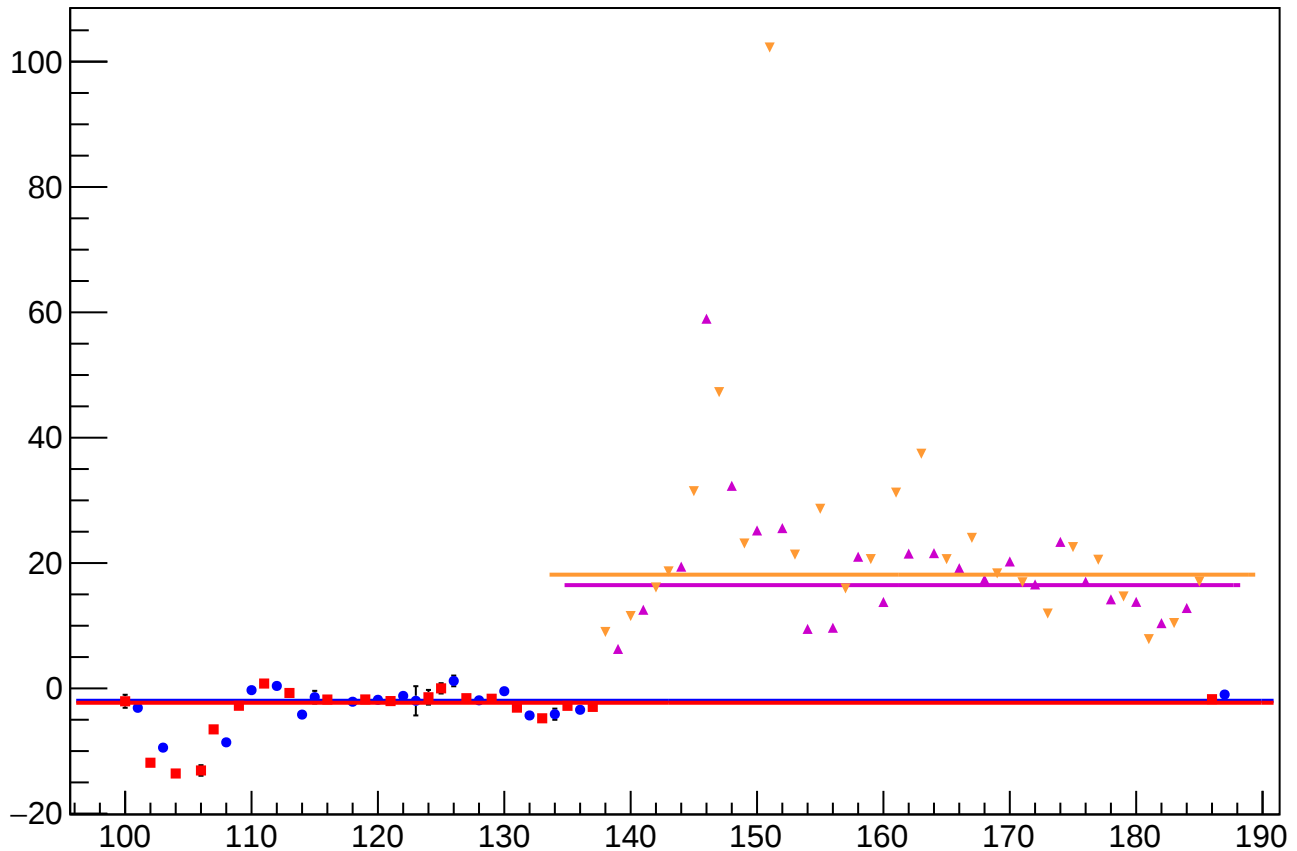
Left In: 0.398 $\pm$ 0.031 χ^2/NDF : 6286.3/22

+ sign 0.756 $\pm$ 0.029 χ^2/NDF : 7969.8/42

All: 0.641 $\pm$ 0.020 χ^2/NDF : 15380.5/85

- sign 0.540 $\pm$ 0.027 χ^2/NDF : 7380.5/42

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -1.973 ± 0.100 $\chi^2/\text{NDF}: 483.6/17$

Left Out: 18.147 ± 0.039 $\chi^2/\text{NDF}: 77805.7/24$

Right Out: -2.291 ± 0.083 $\chi^2/\text{NDF}: 922.0/19$

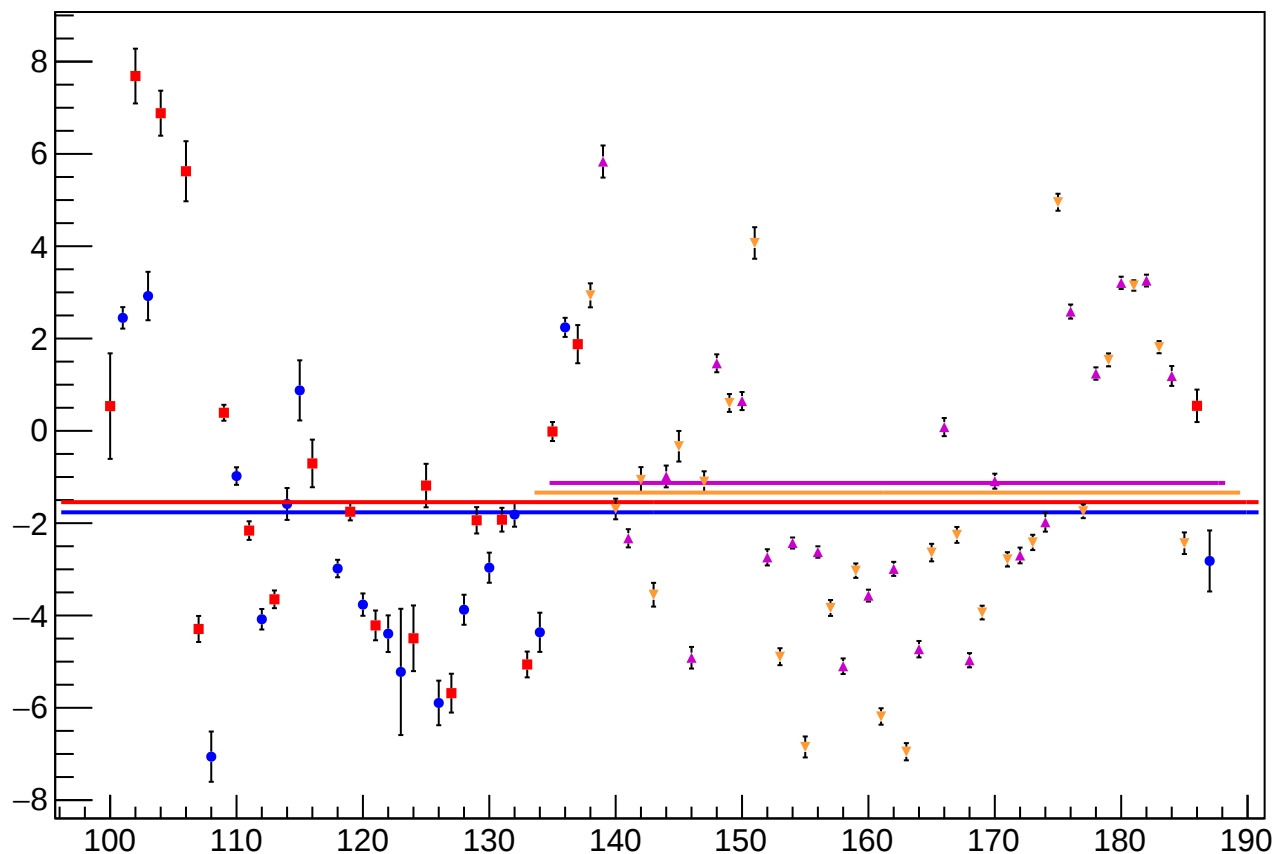
Left In: 16.477 ± 0.038 $\chi^2/\text{NDF}: 41326.5/22$

+ sign 15.464 ± 0.036 $\chi^2/\text{NDF}: 113531.4/42$

All: 14.322 ± 0.025 $\chi^2/\text{NDF}: 199635.6/85$

- sign 13.309 ± 0.034 $\chi^2/\text{NDF}: 84248.6/42$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.765 ± 0.070 χ^2/NDF : 1347.6/17

Left Out: -1.338 ± 0.036 χ^2/NDF : 7920.8/24

Right Out: -1.544 ± 0.065 χ^2/NDF : 1524.0/19

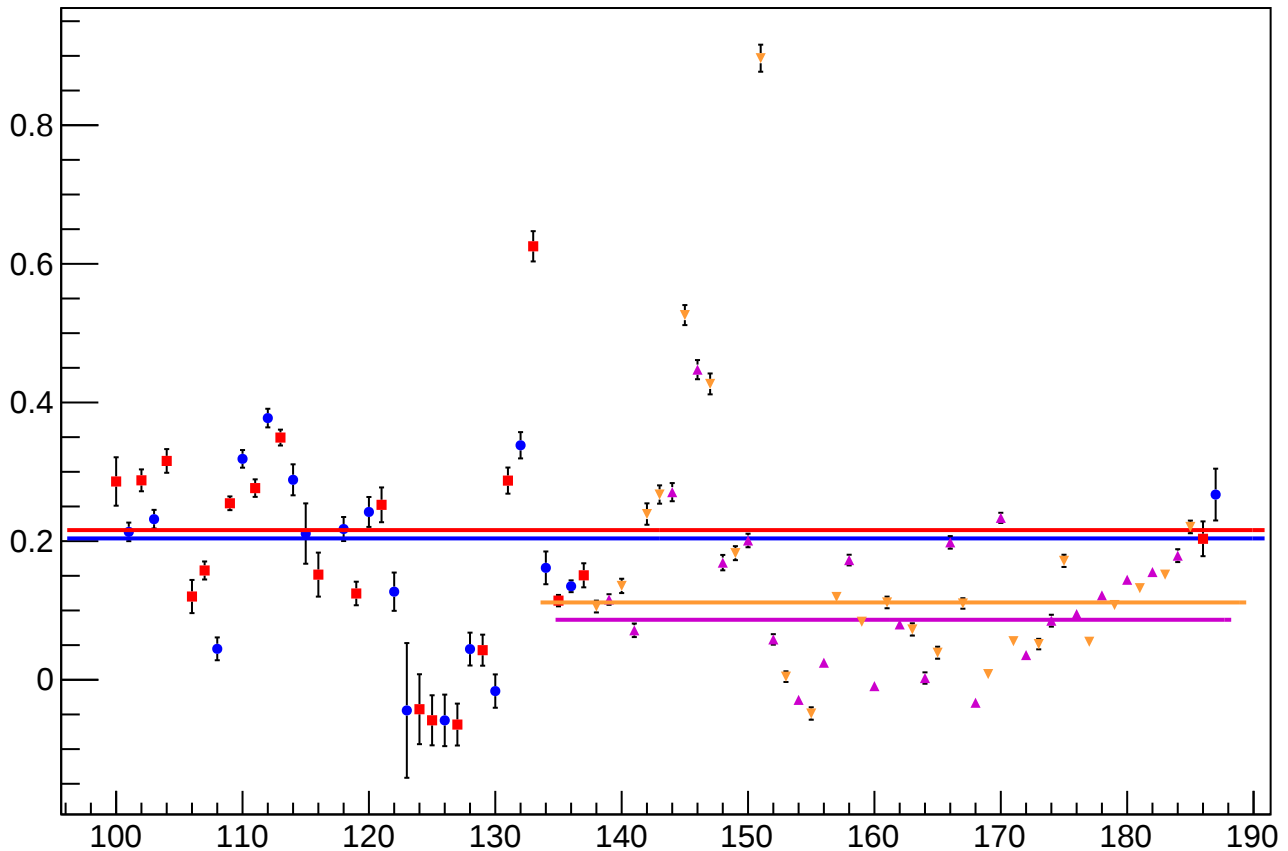
Left In: -1.129 ± 0.034 χ^2/NDF : 6778.7/22

+ sign -1.427 ± 0.032 χ^2/NDF : 9297.9/42

All: -1.317 ± 0.022 χ^2/NDF : 17655.5/85

- sign -1.219 ± 0.030 χ^2/NDF : 8335.1/42

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.204 ± 0.004 χ^2/NDF : 680.1/17

Left Out: 0.112 ± 0.002 χ^2/NDF : 4459.9/24

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.6/19

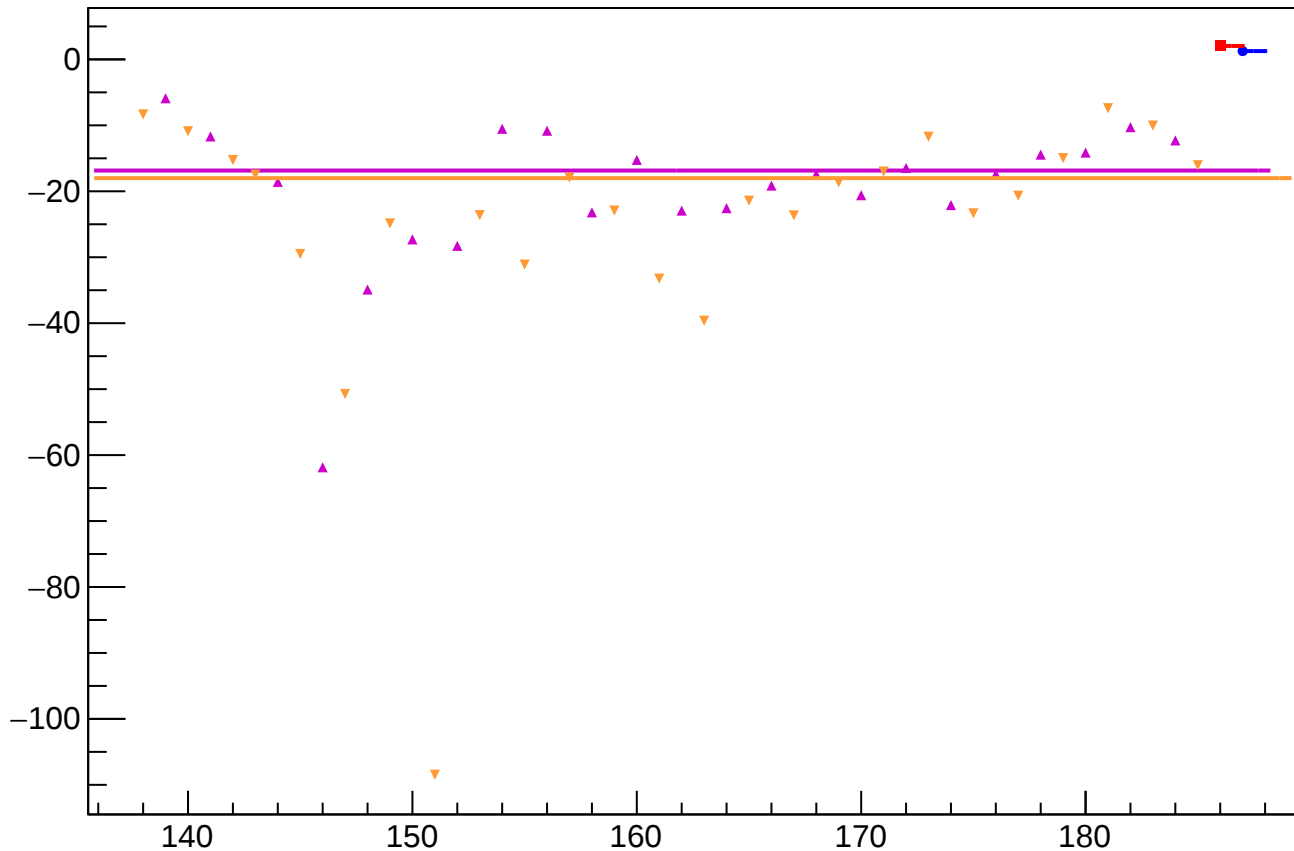
Left In: 0.087 ± 0.001 χ^2/NDF : 3661.4/22

+ sign 0.124 ± 0.001 χ^2/NDF : 5578.5/42

All: 0.114 ± 0.001 χ^2/NDF : 11465.1/85

- sign 0.105 ± 0.001 χ^2/NDF : 5802.8/42

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 1.261 ± 0.281 χ^2/NDF : 0.0/0

Left Out: -18.004 ± 0.039 χ^2/NDF : 88352.2/24

Right Out: 2.041 ± 0.192 χ^2/NDF : 0.0/0

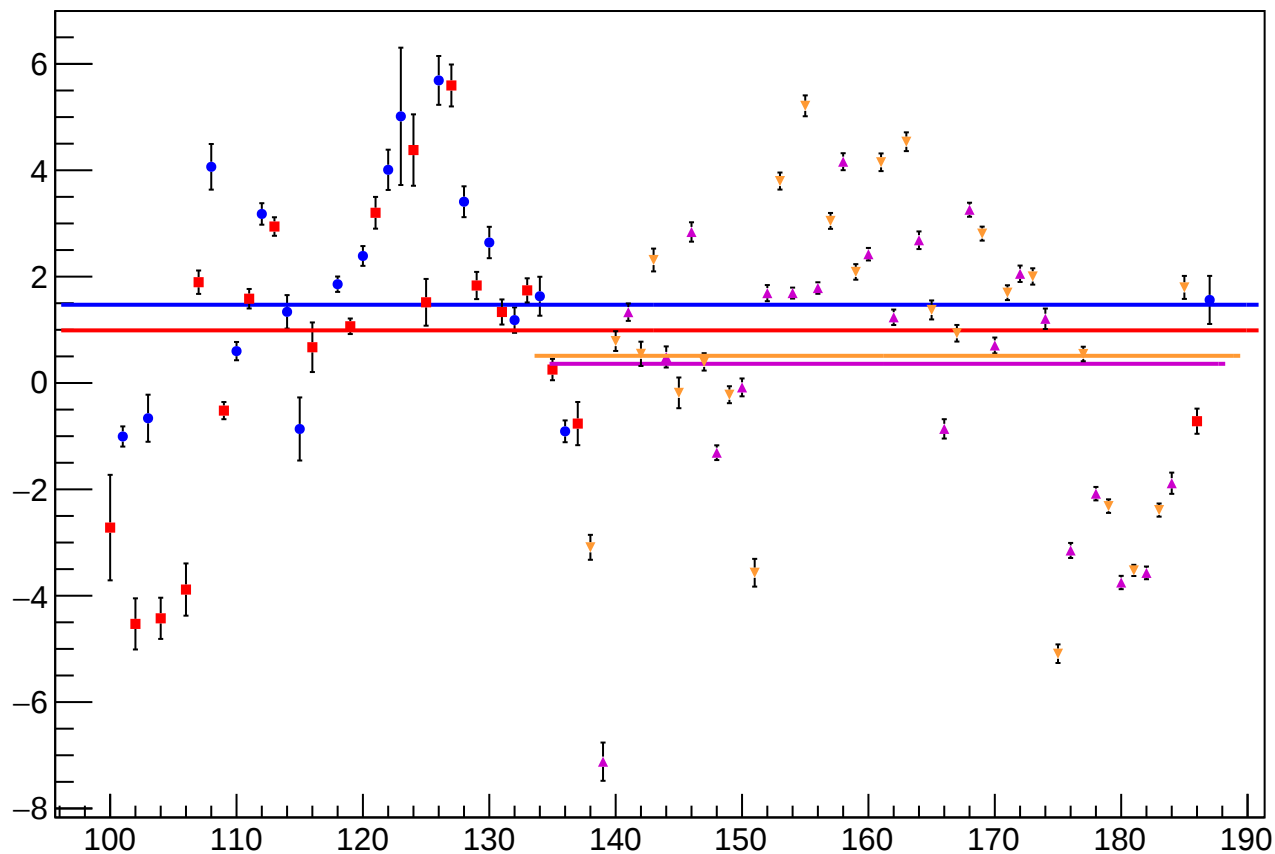
Left In: -16.854 ± 0.038 χ^2/NDF : 44680.7/22

+ sign -17.645 ± 0.038 χ^2/NDF : 92974.5/25

All: -16.872 ± 0.027 χ^2/NDF : 147781.9/49

- sign -16.149 ± 0.037 χ^2/NDF : 54020.1/23

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.471 $\pm$ 0.060 χ^2 /NDF: 707.9/17

Left Out: 0.511 $\pm$ 0.032 χ^2 /NDF: 7053.0/24

Right Out: 0.989 $\pm$ 0.056 χ^2 /NDF: 1007.3/19

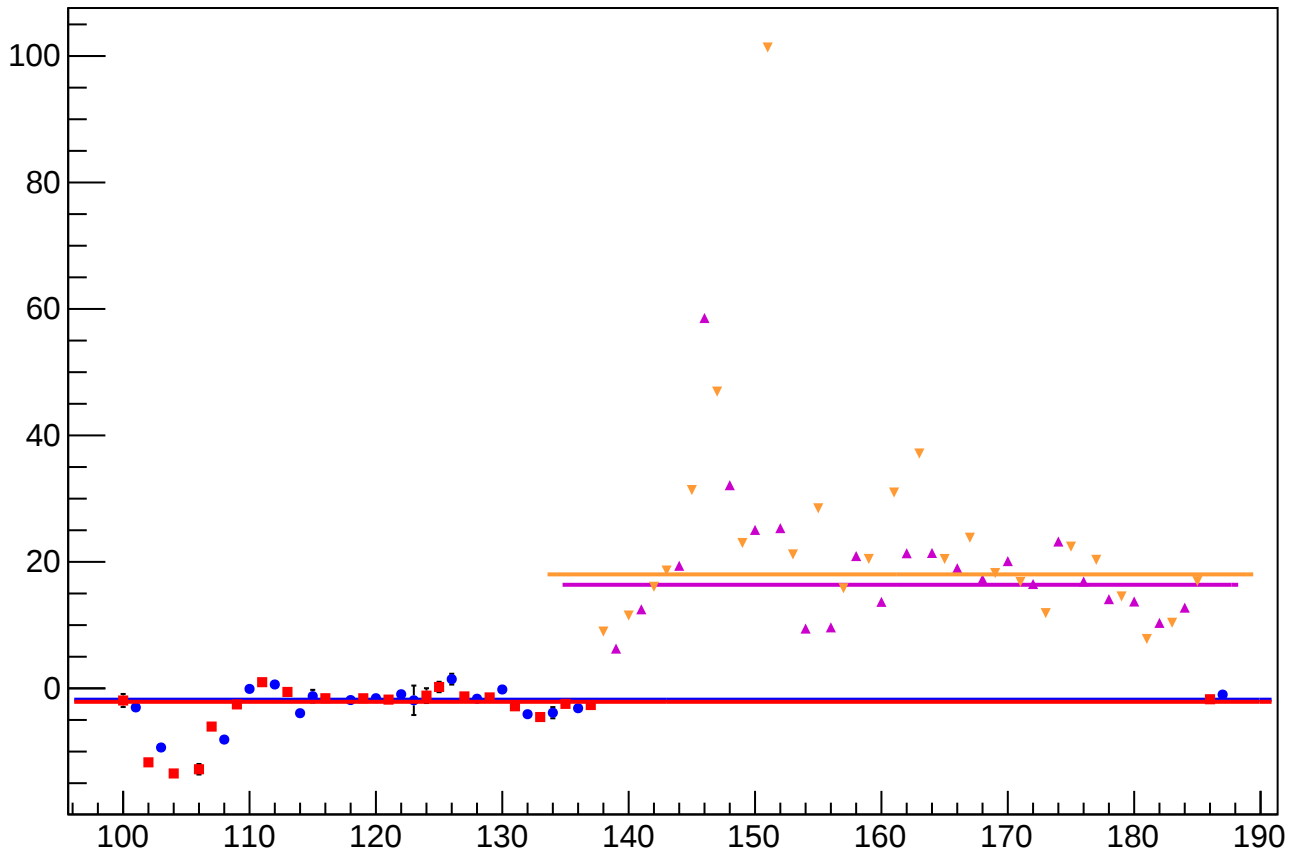
Left In: 0.361 $\pm$ 0.030 χ^2 /NDF: 6273.5/22

+ sign 0.724 $\pm$ 0.028 χ^2 /NDF: 7958.4/42

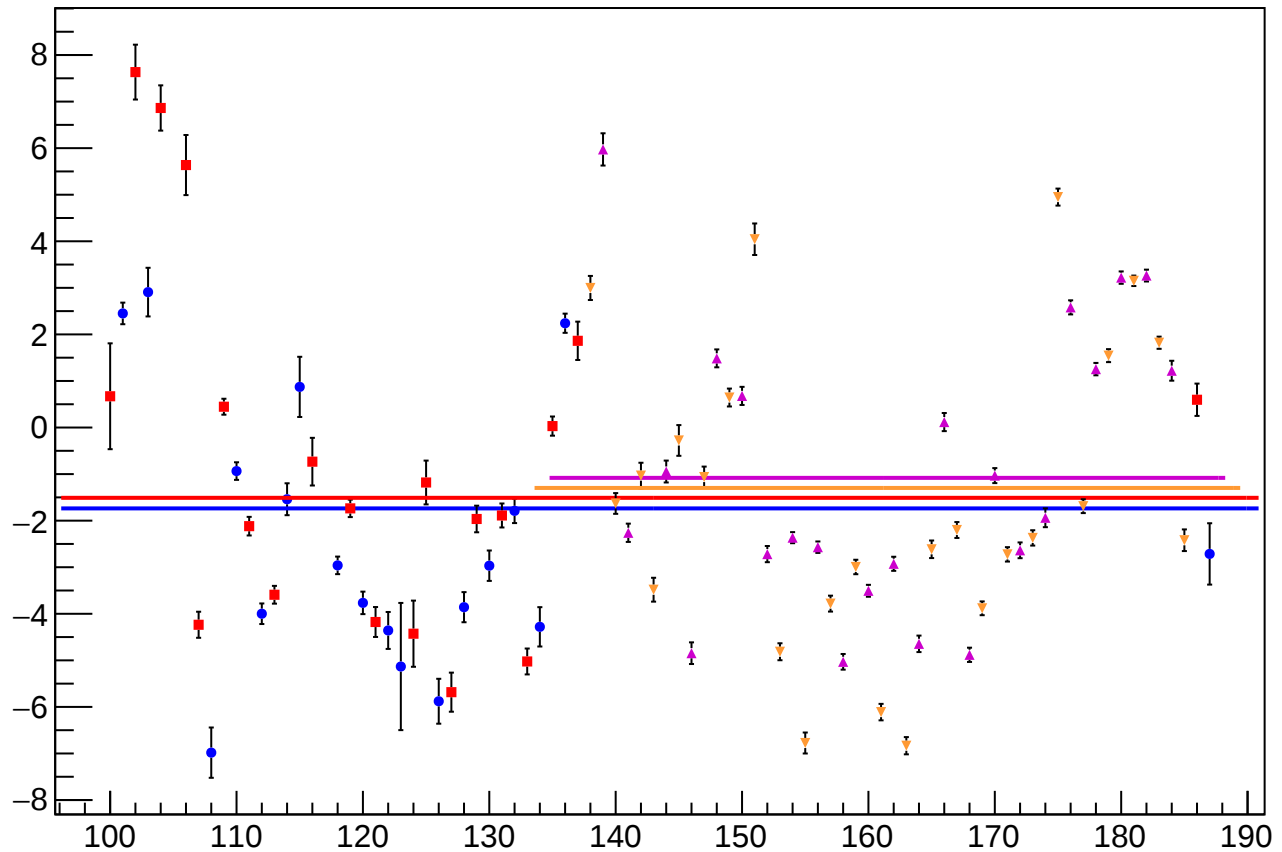
All: 0.607 $\pm$ 0.019 χ^2 /NDF: 15367.9/85

- sign 0.503 $\pm$ 0.027 χ^2 /NDF: 7377.3/42

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.737 $\pm$ 0.070 χ^2/NDF : 1343.7/17

Left Out: -1.297 $\pm$ 0.036 χ^2/NDF : 7903.2/24

Right Out: -1.509 $\pm$ 0.064 χ^2/NDF : 1531.0/19

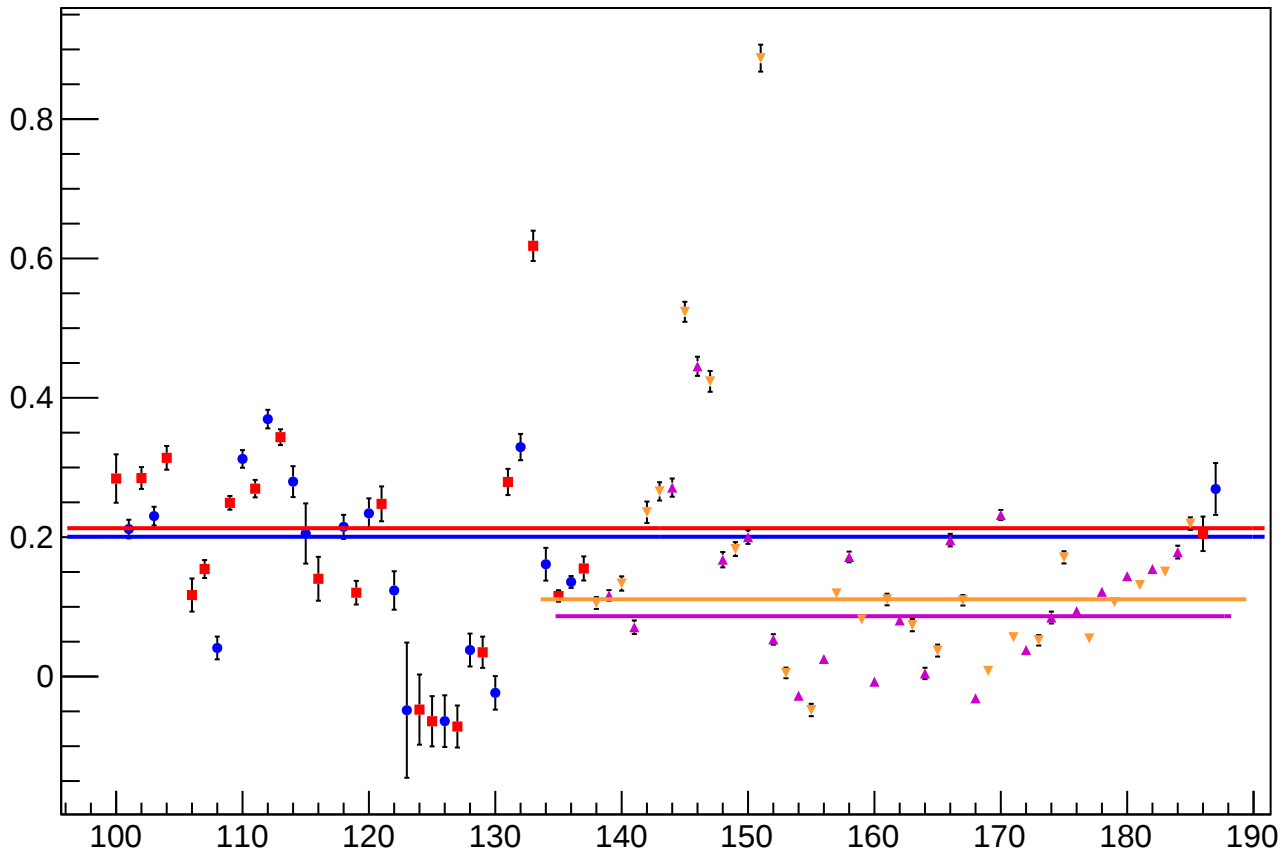
Left In: -1.081 $\pm$ 0.034 χ^2/NDF : 6764.0/22

+ sign -1.389 $\pm$ 0.032 χ^2/NDF : 9278.5/42

All: -1.275 $\pm$ 0.022 χ^2/NDF : 17632.6/85

- sign -1.174 $\pm$ 0.030 χ^2/NDF : 8329.8/42

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.201±/0.004 χ^2/NDF : 665.9/17

Left Out: 0.111±/0.002 χ^2/NDF : 4452.0/24

Right Out: 0.213±/0.004 χ^2/NDF : 1051.0/19

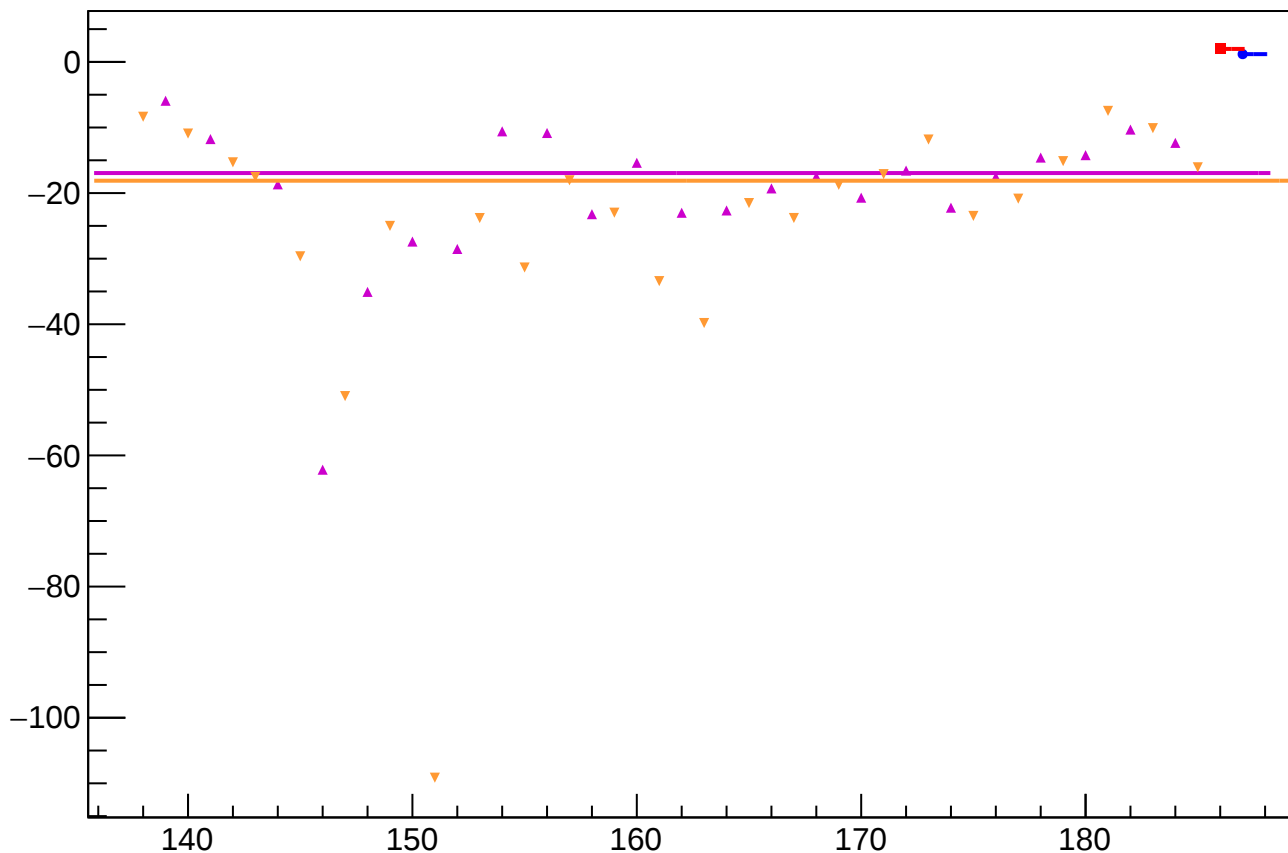
Left In: 0.087±/0.001 χ^2/NDF : 3631.4/22

+ sign 0.123±/0.001 χ^2/NDF : 5535.9/42

All: 0.113±/0.001 χ^2/NDF : 11332.9/85

- sign 0.105±/0.001 χ^2/NDF : 5717.4/42

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 1.187 ± 0.282 χ^2/NDF : 0.0/0

Left Out: -18.112 ± 0.039 χ^2/NDF : 88488.2/24

Right Out: 1.982 ± 0.192 χ^2/NDF : 0.0/0

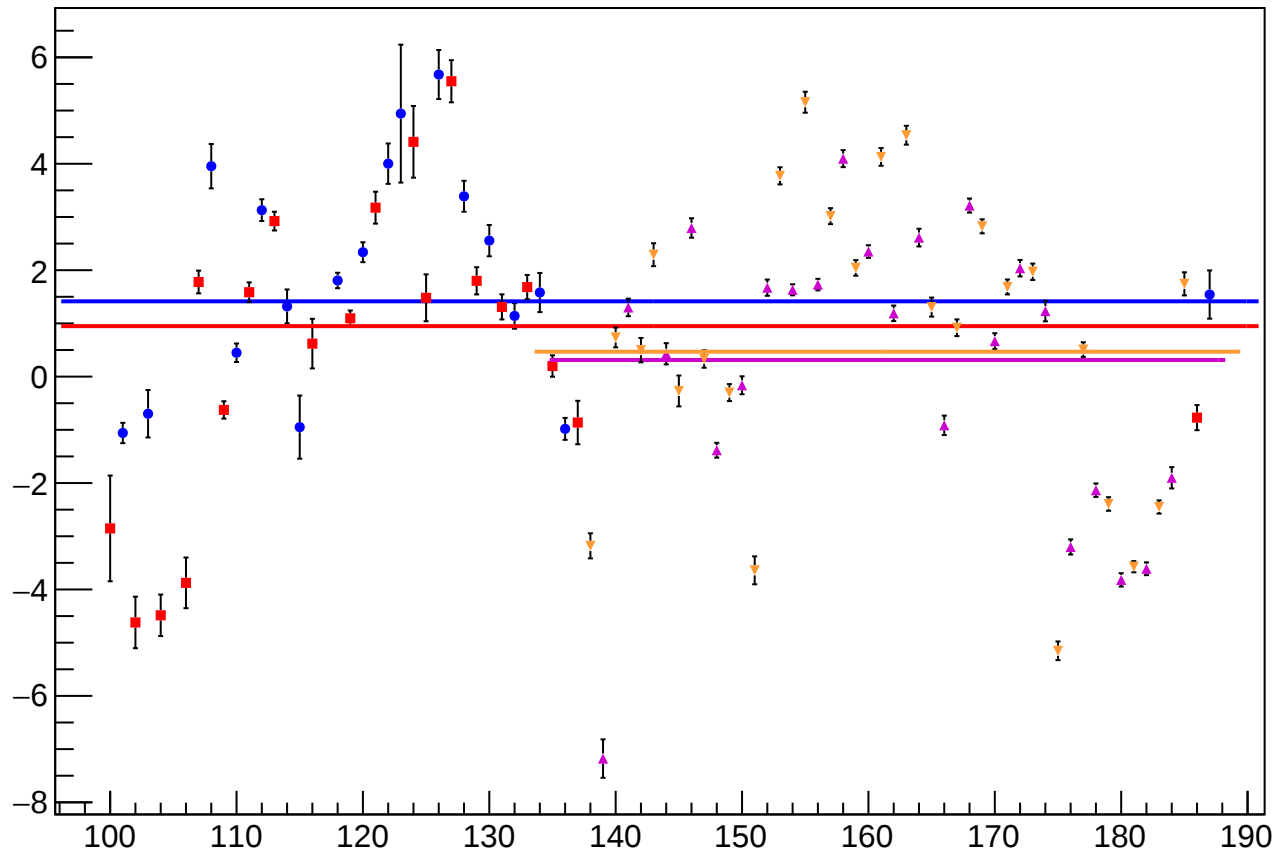
Left In: -16.945 ± 0.038 χ^2/NDF : 44756.2/22

+ sign -17.752 ± 0.038 χ^2/NDF : 93100.8/25

All: -16.965 ± 0.027 χ^2/NDF : 148061.1/49

- sign -16.232 ± 0.037 χ^2/NDF : 54153.2/23

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.415 ± 0.061 $\chi^2/\text{NDF}: 714.0/17$

Left Out: 0.469 ± 0.032 $\chi^2/\text{NDF}: 7076.8/24$

Right Out: 0.948 ± 0.056 $\chi^2/\text{NDF}: 1019.5/19$

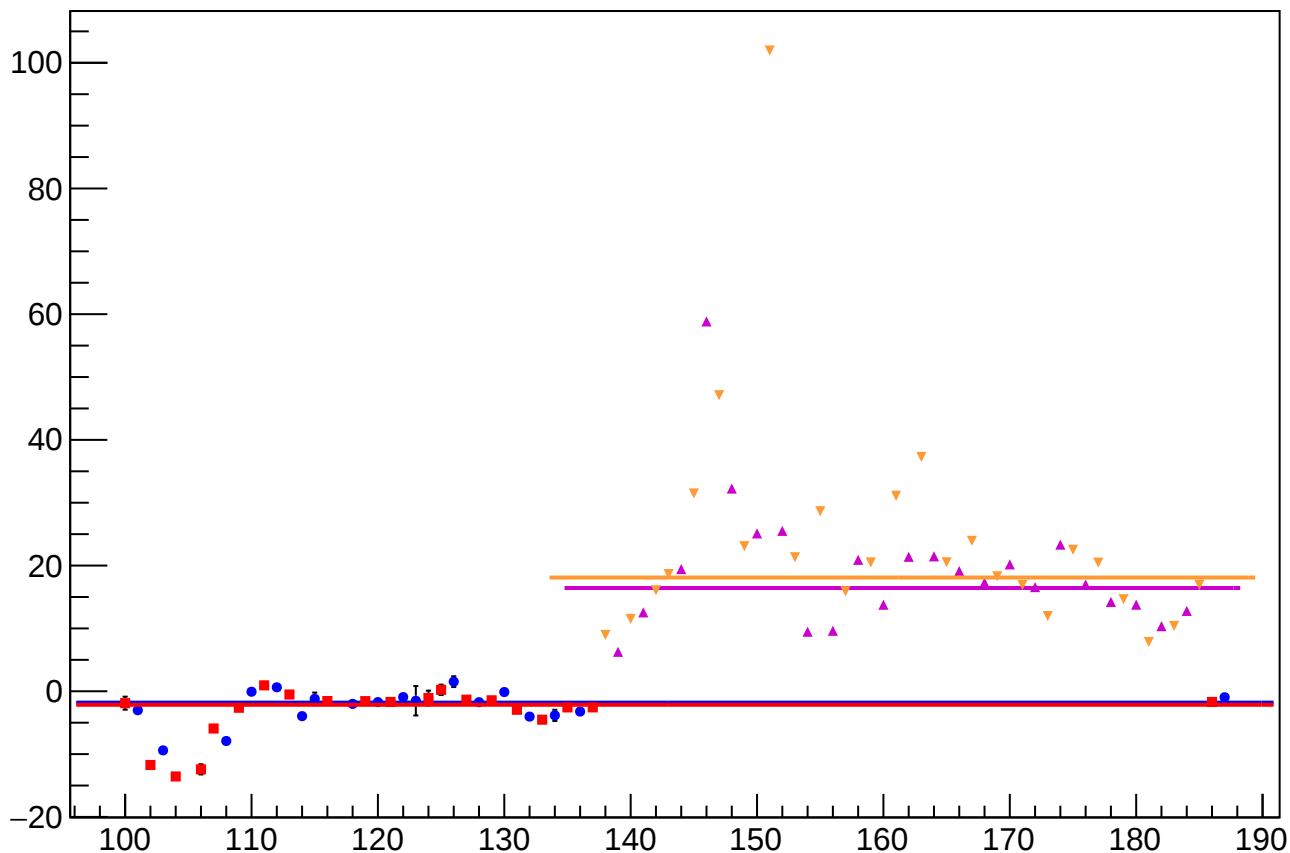
Left In: 0.313 ± 0.031 $\chi^2/\text{NDF}: 6235.0/22$

+ sign 0.679 ± 0.029 $\chi^2/\text{NDF}: 7980.9/42$

All: 0.561 ± 0.020 $\chi^2/\text{NDF}: 15365.6/85$

- sign 0.457 ± 0.027 $\chi^2/\text{NDF}: 7352.6/42$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -1.811 ± 0.100 $\chi^2/\text{NDF}: 480.1/17$

Left Out: 18.098 ± 0.039 $\chi^2/\text{NDF}: 77793.7/24$

Right Out: -2.149 ± 0.083 $\chi^2/\text{NDF}: 913.4/19$

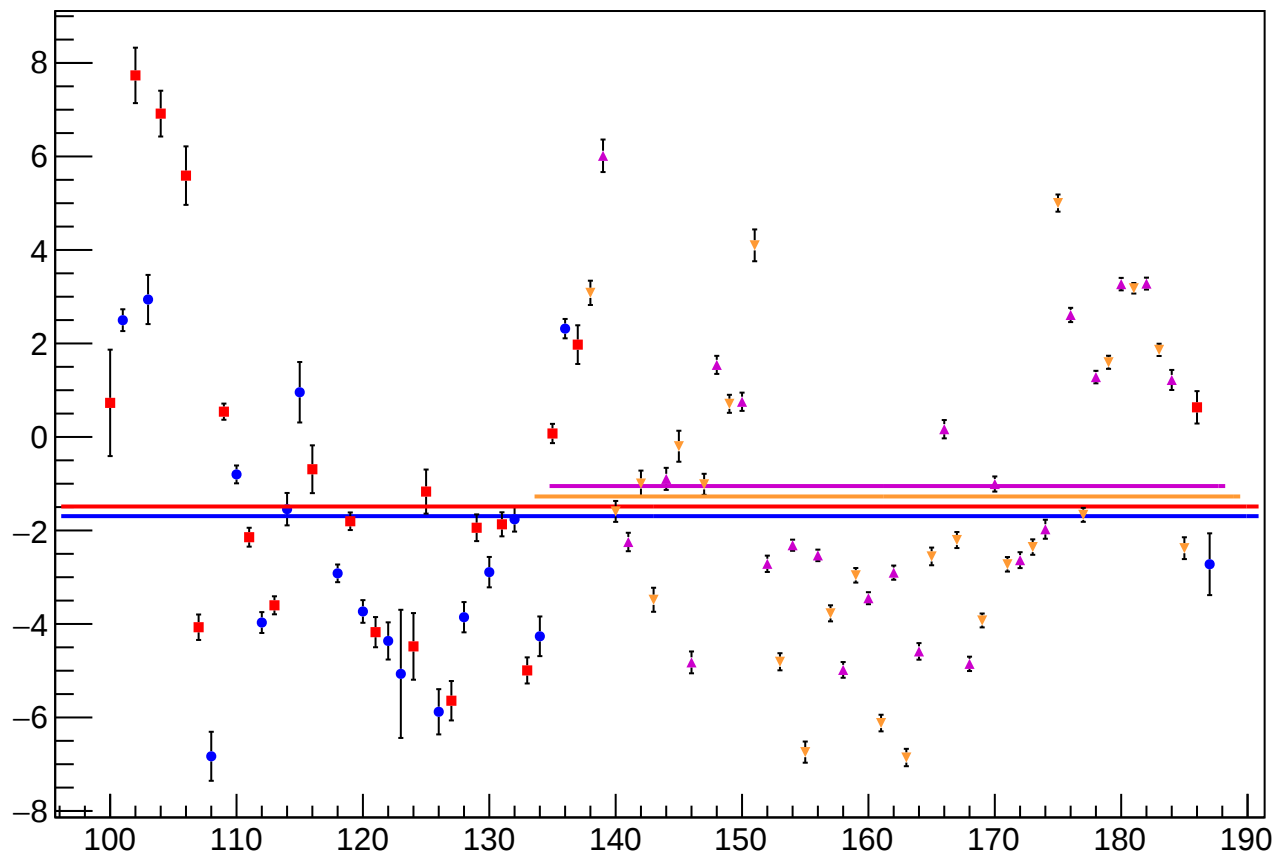
Left In: 16.431 ± 0.038 $\chi^2/\text{NDF}: 41337.1/22$

+ sign 15.457 ± 0.036 $\chi^2/\text{NDF}: 112793.0/42$

All: 14.305 ± 0.025 $\chi^2/\text{NDF}: 198462.1/85$

- sign 13.285 ± 0.034 $\chi^2/\text{NDF}: 83774.9/42$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.694 ± 0.070 χ^2/NDF : 1350.3/17

Left Out: -1.273 ± 0.036 χ^2/NDF : 7931.0/24

Right Out: -1.487 ± 0.064 χ^2/NDF : 1543.5/19

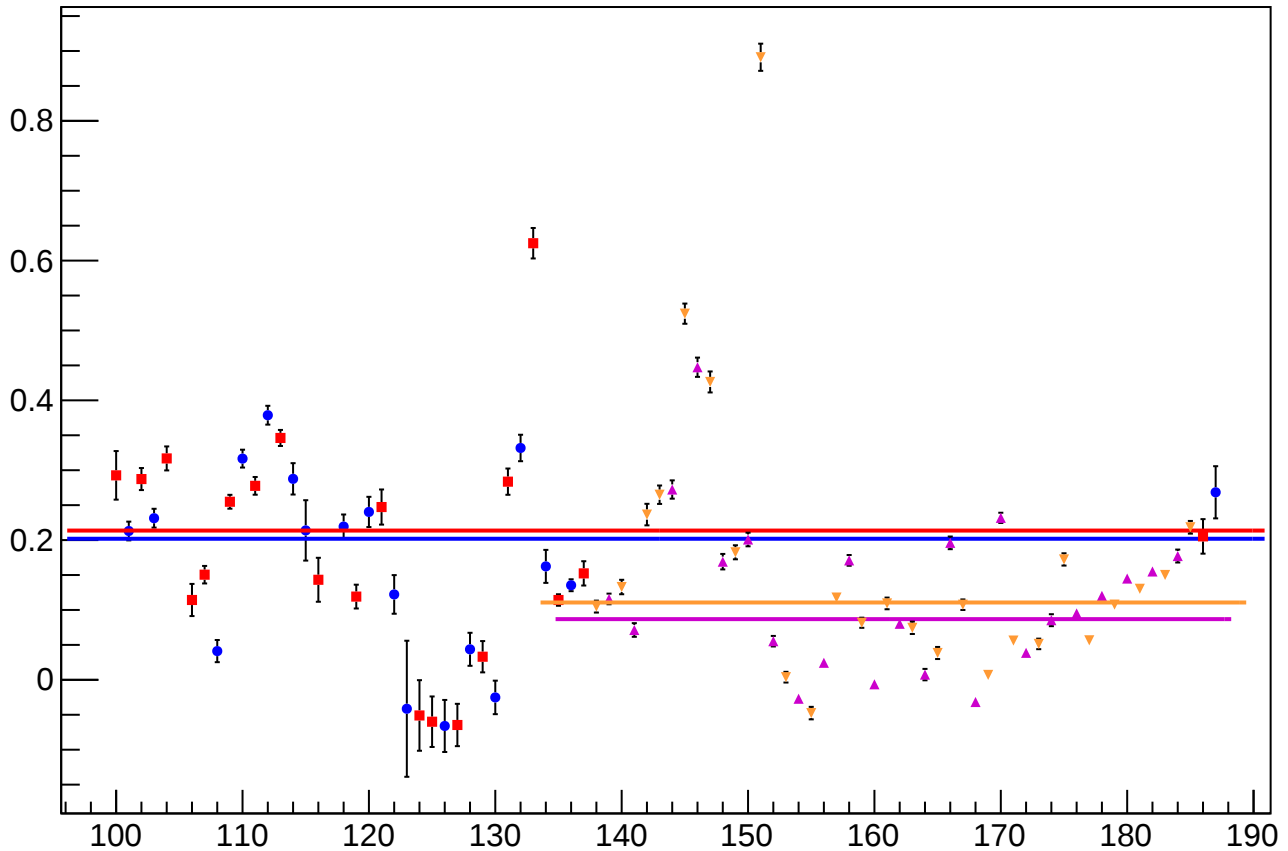
Left In: -1.050 ± 0.034 χ^2/NDF : 6713.0/22

+ sign -1.361 ± 0.032 χ^2/NDF : 9310.0/42

All: -1.246 ± 0.022 χ^2/NDF : 17626.6/85

- sign -1.145 ± 0.030 χ^2/NDF : 8292.5/42

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.004 χ^2/NDF : 694.5/17

Left Out: 0.111 ± 0.002 χ^2/NDF : 4430.3/24

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.3/19

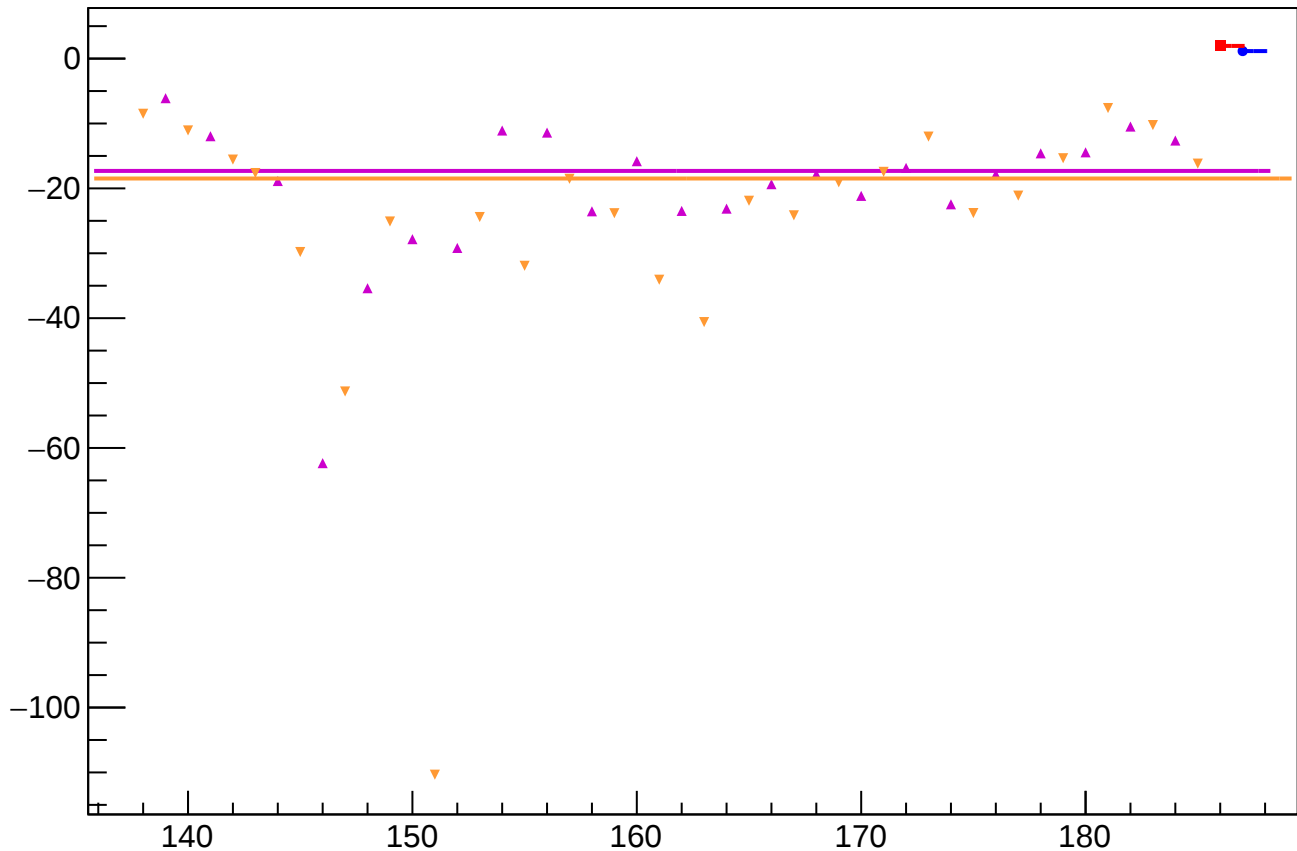
Left In: 0.087 ± 0.001 χ^2/NDF : 3604.3/22

+ sign 0.123 ± 0.001 χ^2/NDF : 5553.9/42

All: 0.113 ± 0.001 χ^2/NDF : 11354.6/85

- sign 0.105 ± 0.001 χ^2/NDF : 5725.4/42

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 1.157 ± 0.283 χ^2/NDF : 0.0/0

Left Out: -18.478 ± 0.040 χ^2/NDF : 87856.5/24

Right Out: 1.954 ± 0.192 χ^2/NDF : 0.0/0

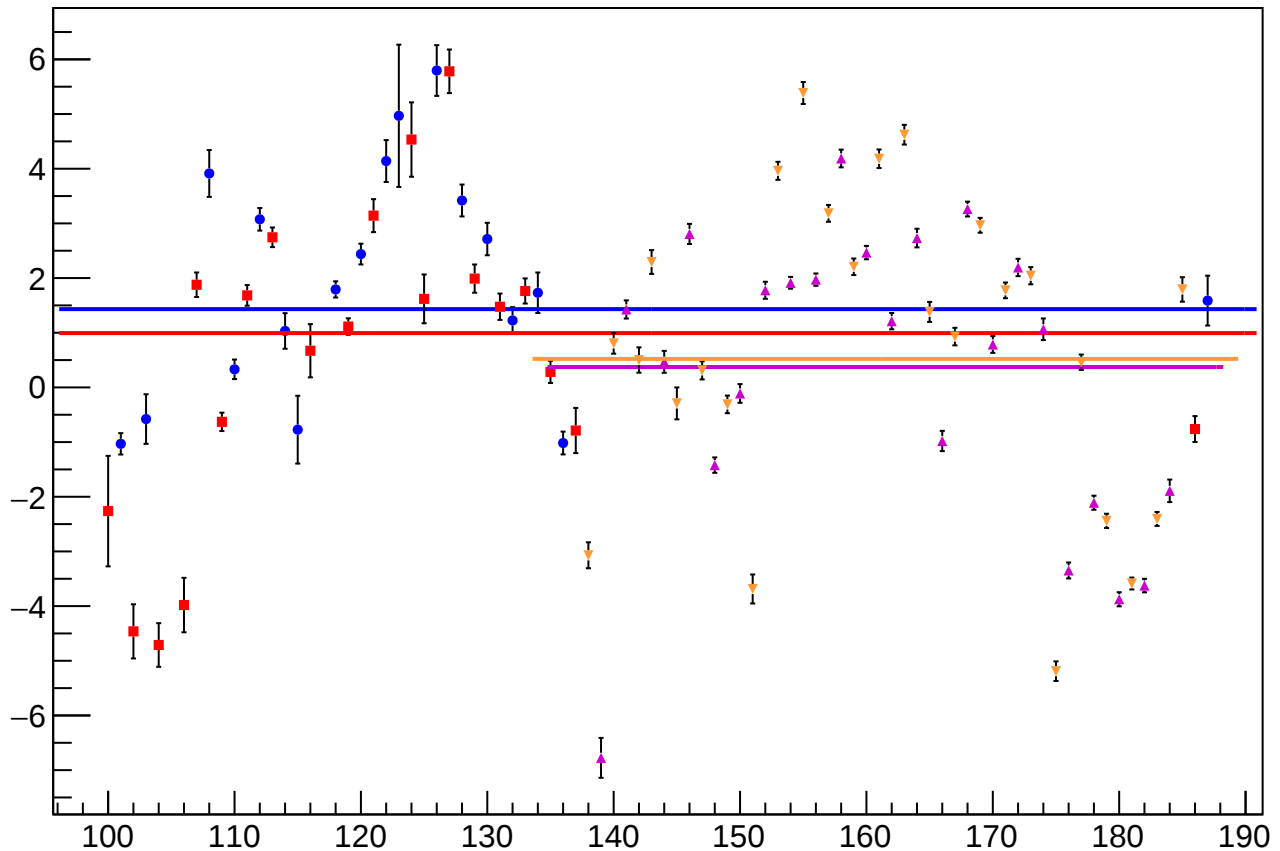
Left In: -17.309 ± 0.039 χ^2/NDF : 43807.0/22

+ sign -18.099 ± 0.039 χ^2/NDF : 92566.5/25

All: -17.301 ± 0.027 χ^2/NDF : 146803.3/49

- sign -16.556 ± 0.038 χ^2/NDF : 53442.4/23

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.432 $\pm$ 0.062 χ^2/NDF : 711.6/17

Left Out: 0.522 $\pm$ 0.033 χ^2/NDF : 7038.3/24

Right Out: 0.994 $\pm$ 0.058 χ^2/NDF : 994.8/19

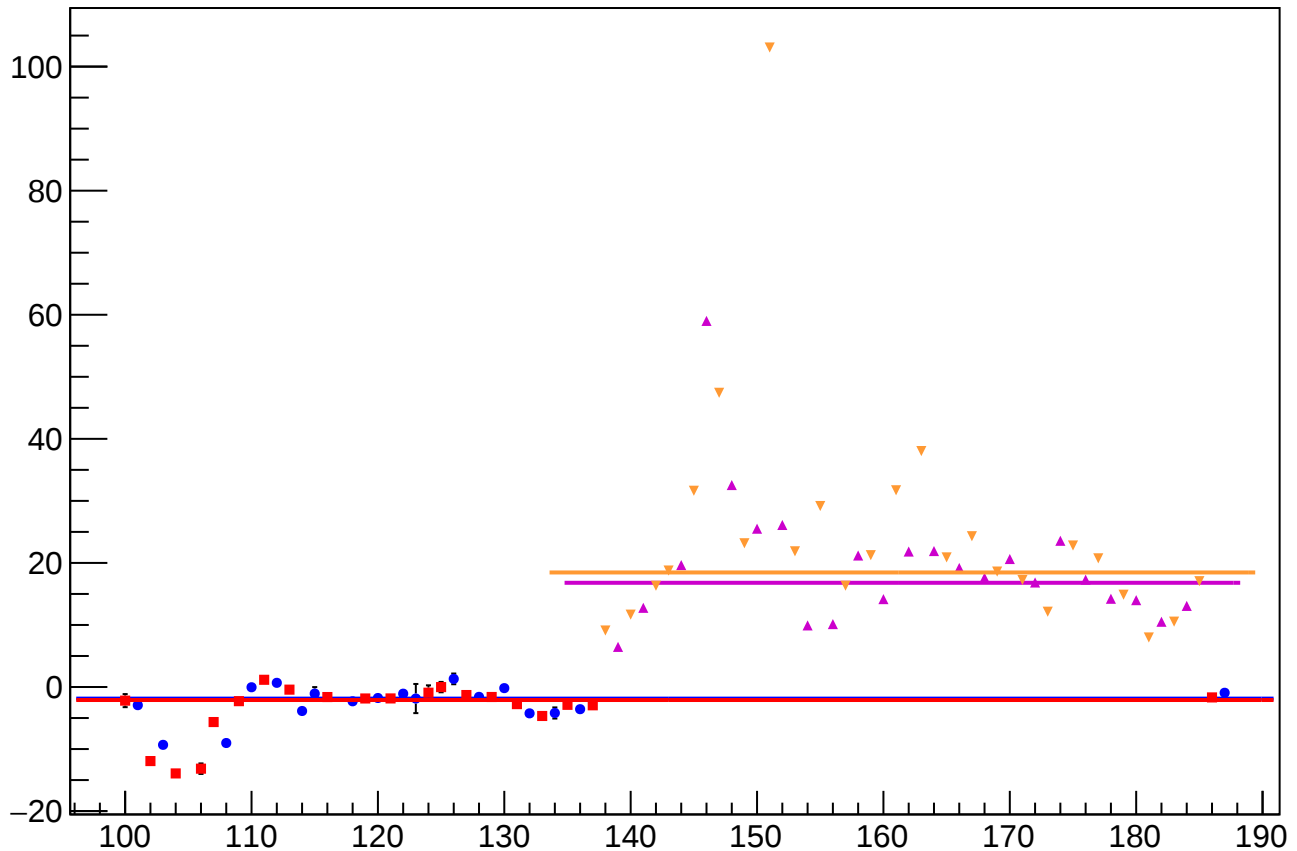
Left In: 0.373 $\pm$ 0.031 χ^2/NDF : 6263.9/22

+ sign 0.725 $\pm$ 0.029 χ^2/NDF : 7919.3/42

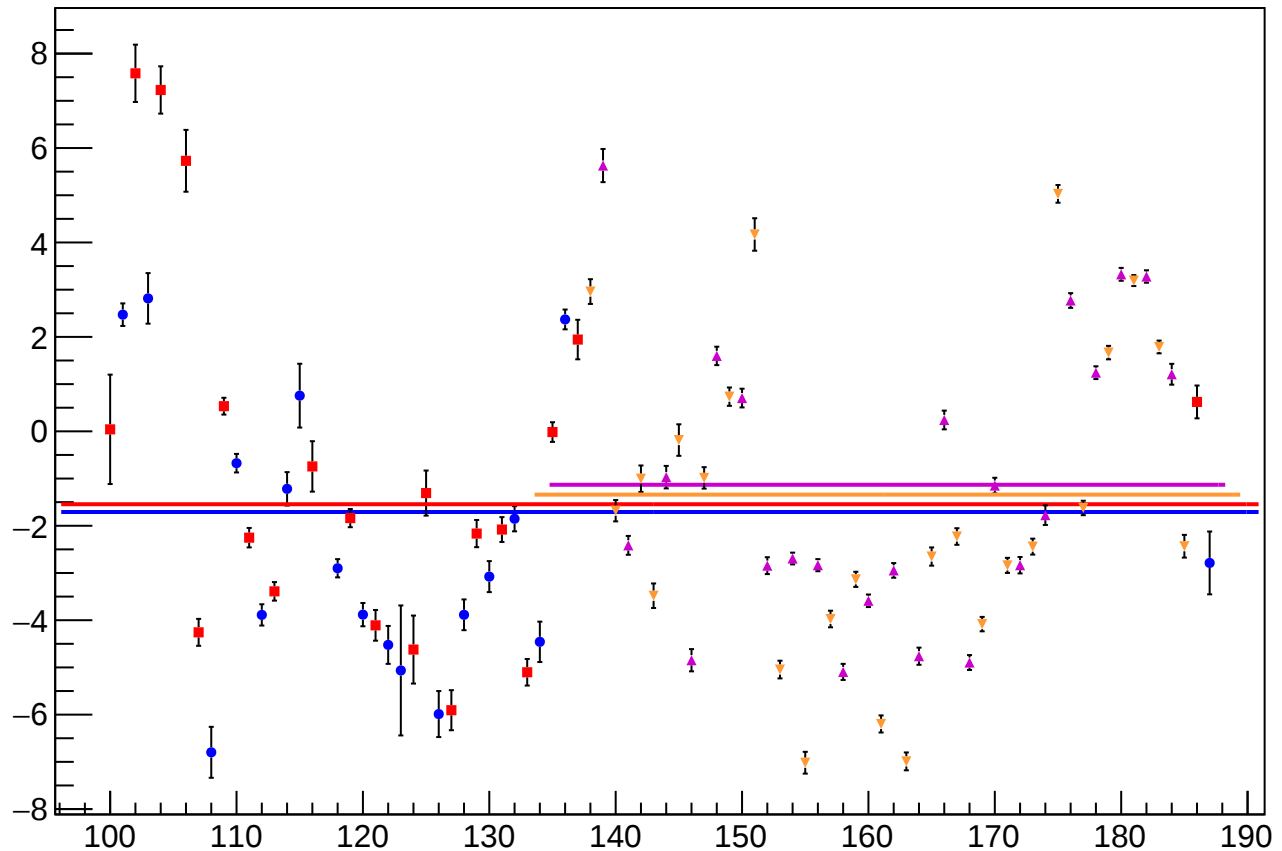
All: 0.614 $\pm$ 0.020 χ^2/NDF : 15295.3/85

- sign 0.515 $\pm$ 0.027 χ^2/NDF : 7348.4/42

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.708 ± 0.071 $\chi^2/\text{NDF}: 1336.0/17$

Left Out: -1.341 ± 0.037 $\chi^2/\text{NDF}: 7886.0/24$

Right Out: -1.544 ± 0.066 $\chi^2/\text{NDF}: 1507.6/19$

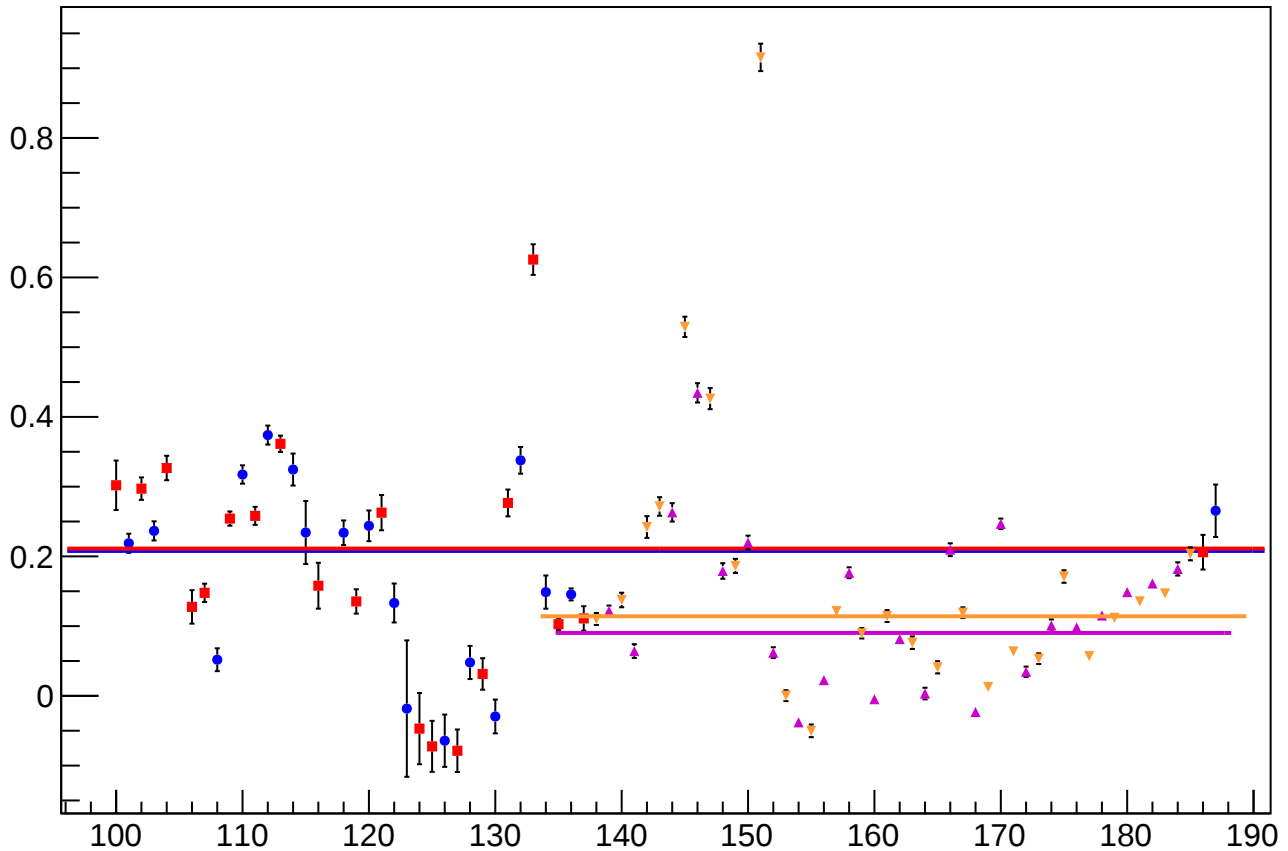
Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6743.4/22$

+ sign -1.418 ± 0.033 $\chi^2/\text{NDF}: 9243.0/42$

All: -1.314 ± 0.022 $\chi^2/\text{NDF}: 17543.9/85$

- sign -1.222 ± 0.031 $\chi^2/\text{NDF}: 8281.7/42$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.208 ± 0.004 $\chi^2/\text{NDF}: 658.7/17$

Left Out: 0.114 ± 0.002 $\chi^2/\text{NDF}: 4382.5/24$

Right Out: 0.211 ± 0.004 $\chi^2/\text{NDF}: 1145.7/19$

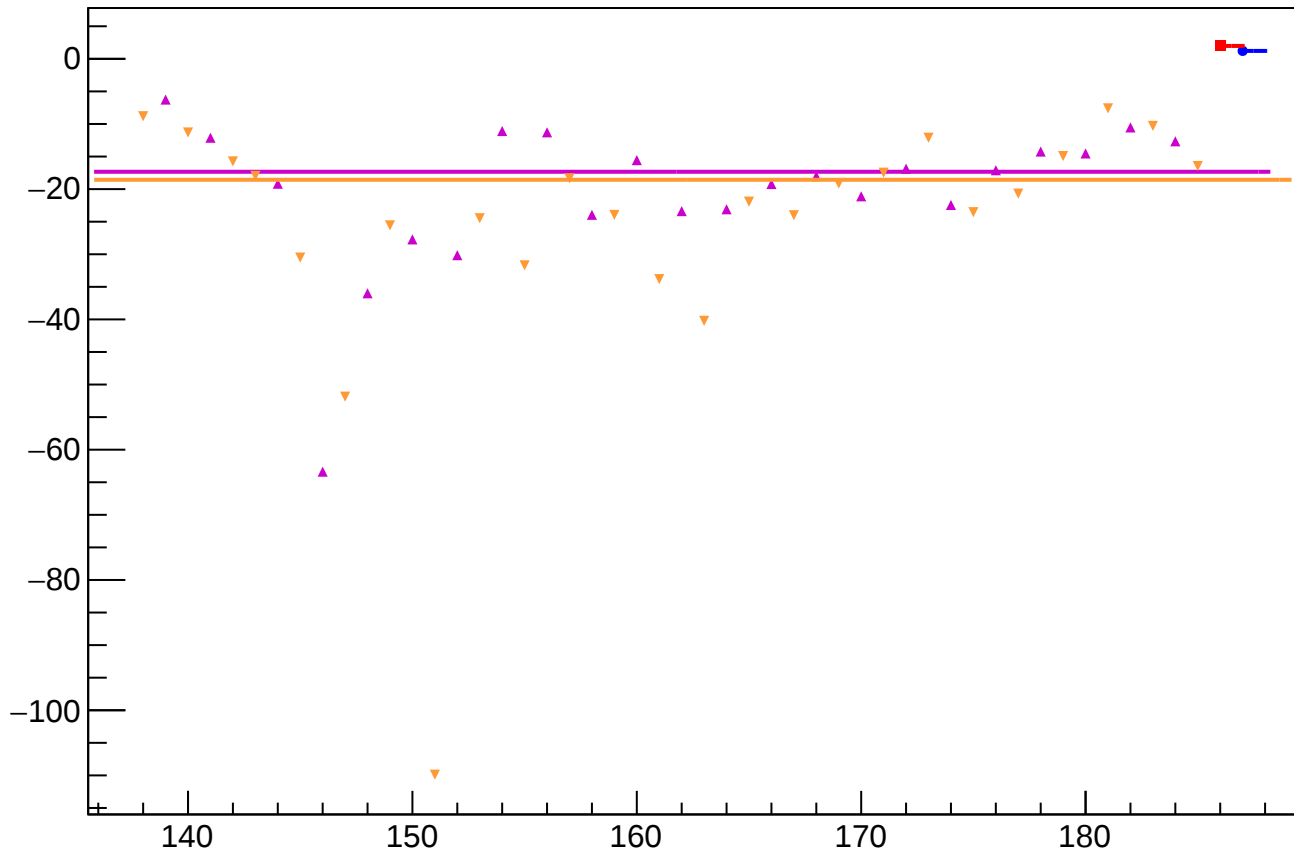
Left In: 0.090 ± 0.002 $\chi^2/\text{NDF}: 3679.2/22$

+ sign 0.127 ± 0.002 $\chi^2/\text{NDF}: 5478.2/42$

All: 0.117 ± 0.001 $\chi^2/\text{NDF}: 11290.3/85$

- sign 0.108 ± 0.001 $\chi^2/\text{NDF}: 5730.1/42$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 1.216 $\pm$ 0.284 χ^2 /NDF: 0.0/0

Left Out: -18.565 $\pm$ 0.040 χ^2 /NDF: 86349.5/24

Right Out: 1.981 $\pm$ 0.193 χ^2 /NDF: 0.0/0

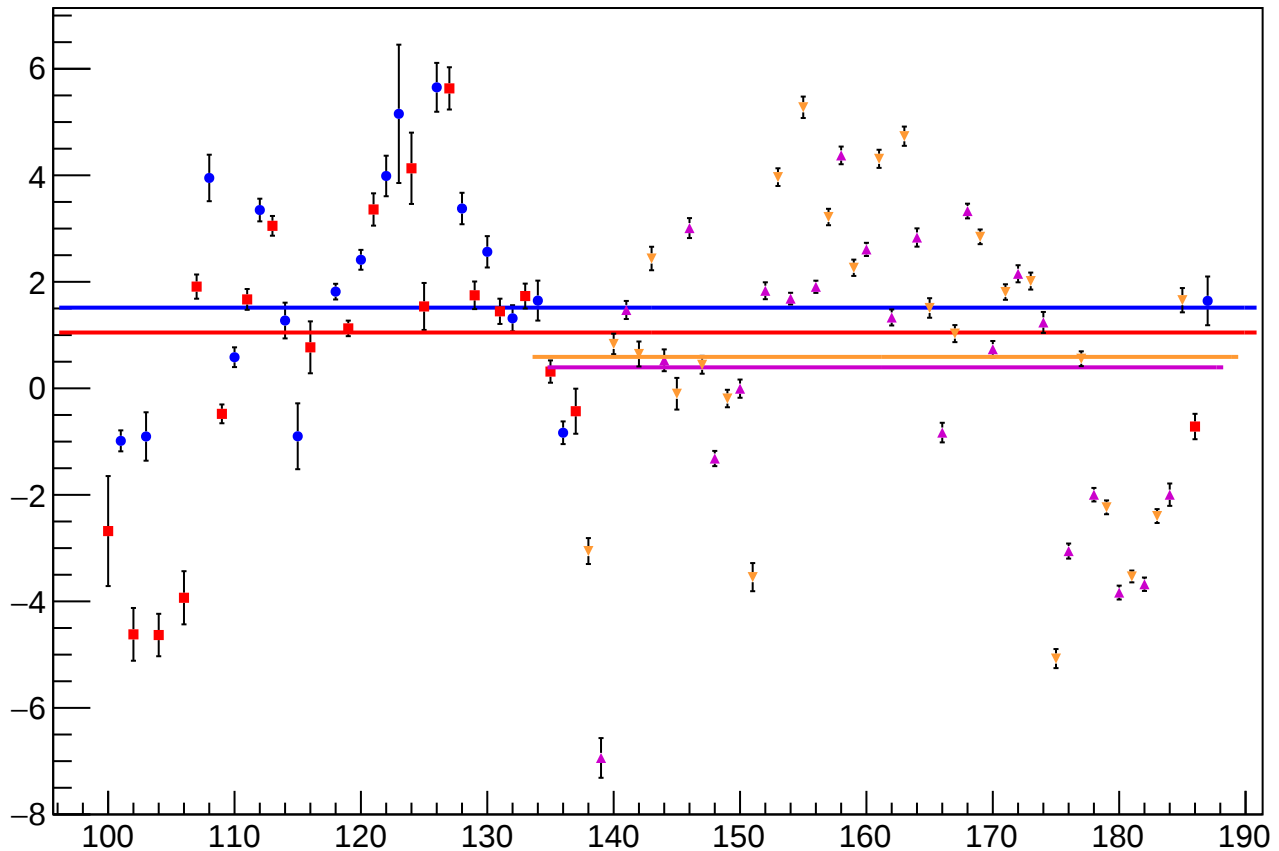
Left In: -17.335 $\pm$ 0.039 χ^2 /NDF: 44078.7/22

+ sign -18.178 $\pm$ 0.040 χ^2 /NDF: 91102.1/25

All: -17.348 $\pm$ 0.028 χ^2 /NDF: 145611.5/49

- sign -16.574 $\pm$ 0.038 χ^2 /NDF: 53666.3/23

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.515 ± 0.062 χ^2/NDF : 669.8/17

Left Out: 0.590 ± 0.033 χ^2/NDF : 6780.3/24

Right Out: 1.048 ± 0.058 χ^2/NDF : 975.3/19

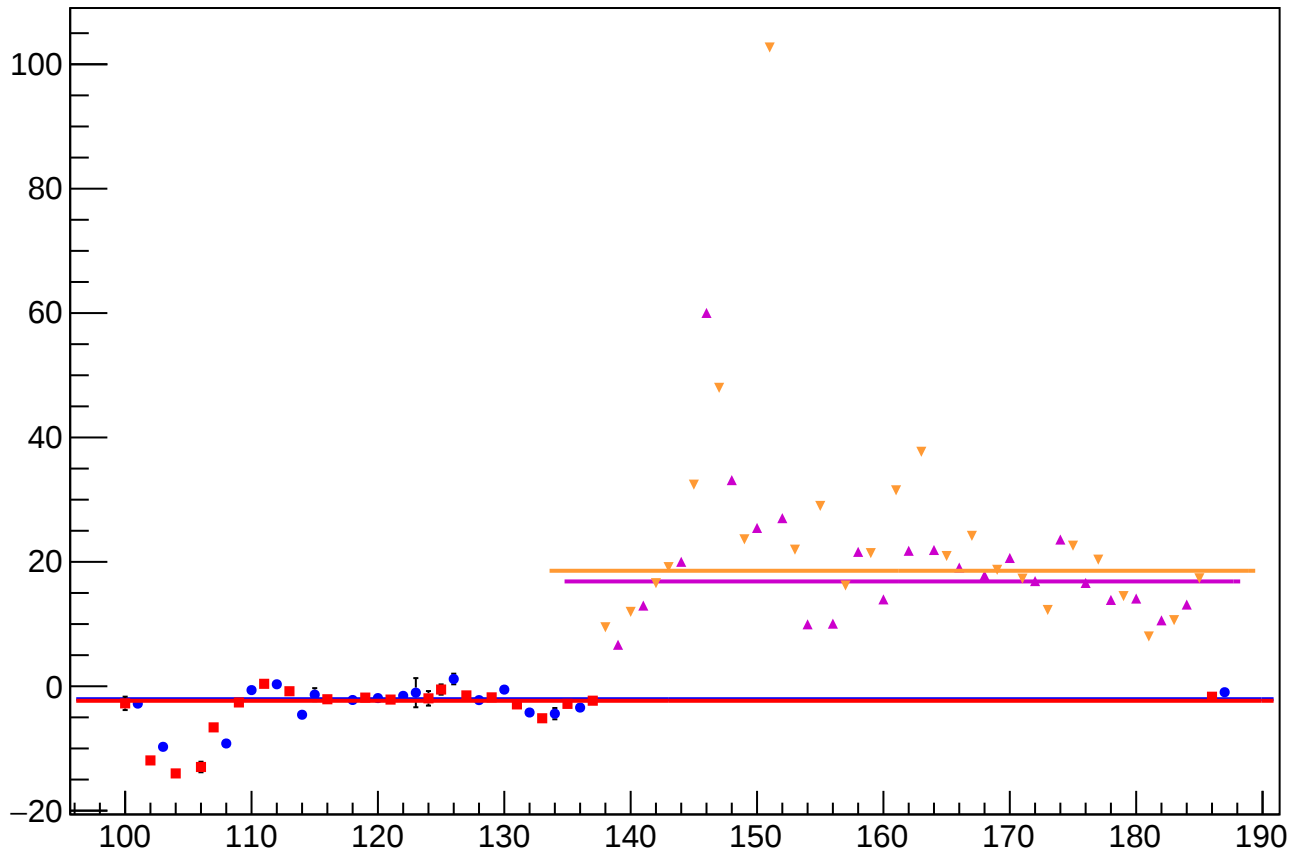
Left In: 0.394 ± 0.032 χ^2/NDF : 6112.7/22

+ sign 0.797 ± 0.029 χ^2/NDF : 7622.2/42

All: 0.663 ± 0.020 χ^2/NDF : 14847.0/85

- sign 0.543 ± 0.028 χ^2/NDF : 7185.3/42

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.080 ± 0.103 $\chi^2/\text{NDF}: 468.4/17$

Left Out: 18.569 ± 0.040 $\chi^2/\text{NDF}: 75983.2/24$

Right Out: -2.334 ± 0.086 $\chi^2/\text{NDF}: 866.1/19$

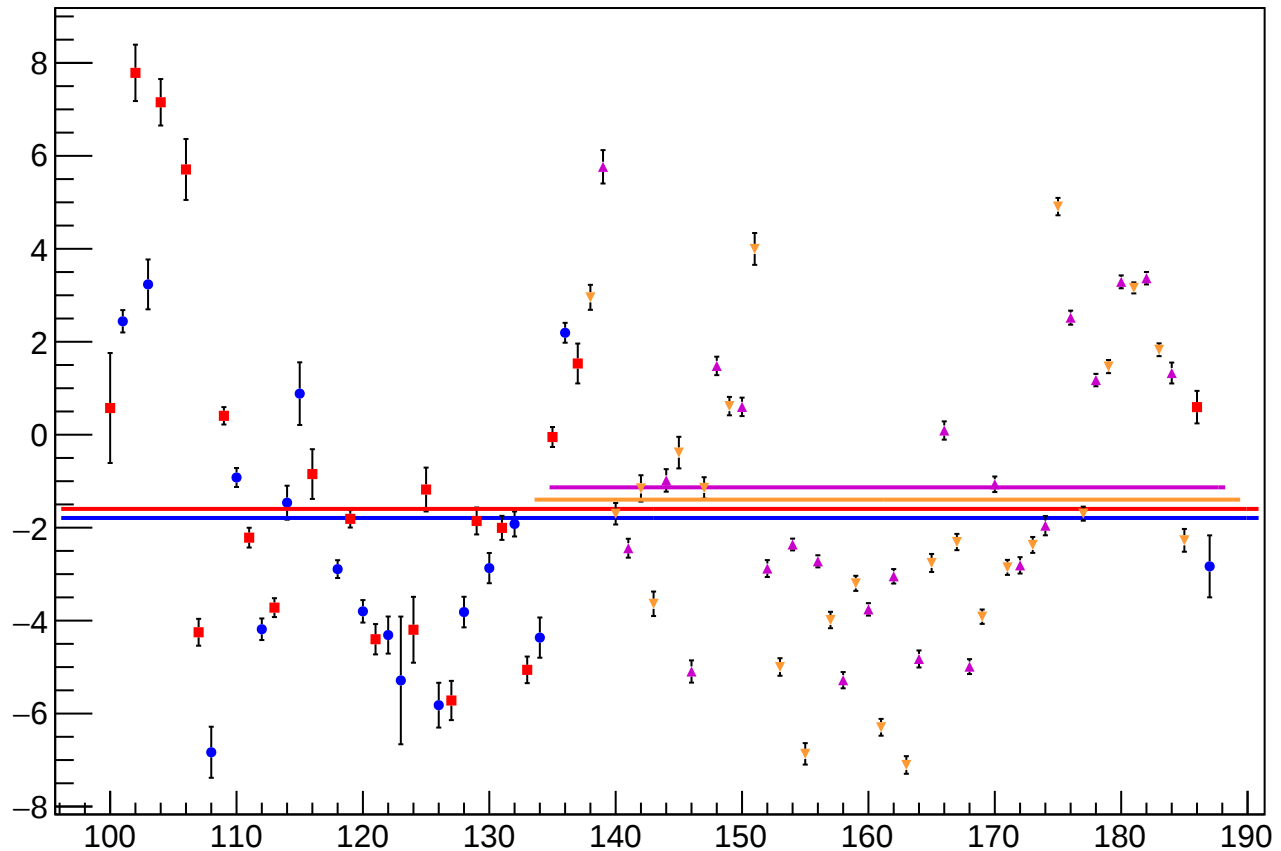
Left In: 16.854 ± 0.039 $\chi^2/\text{NDF}: 40590.0/22$

+ sign 15.812 ± 0.038 $\chi^2/\text{NDF}: 111513.8/42$

All: 14.642 ± 0.026 $\chi^2/\text{NDF}: 196282.5/85$

- sign 13.605 ± 0.035 $\chi^2/\text{NDF}: 82934.6/42$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.791 ± 0.072 $\chi^2/\text{NDF}: 1274.5/17$

Left Out: -1.397 ± 0.037 $\chi^2/\text{NDF}: 7631.3/24$

Right Out: -1.596 ± 0.067 $\chi^2/\text{NDF}: 1470.3/19$

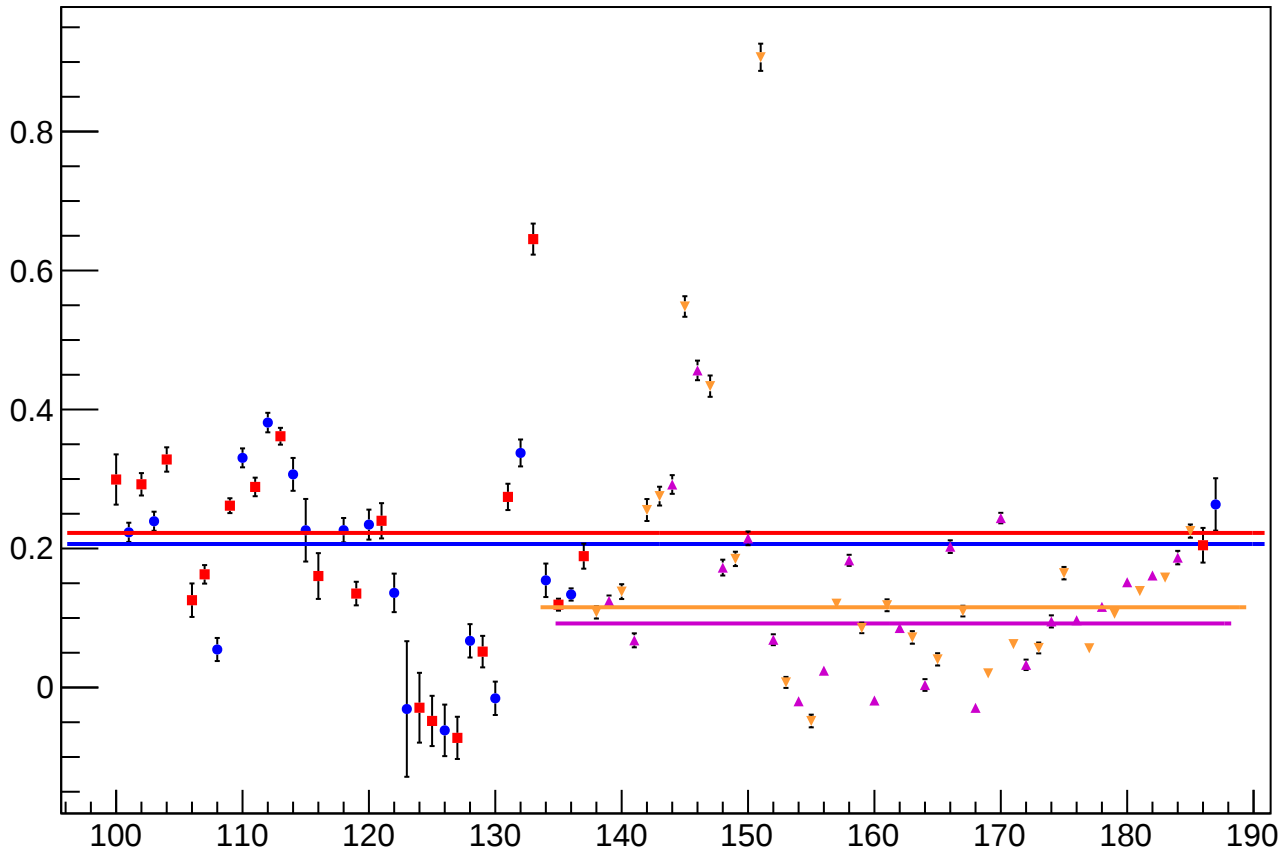
Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6638.3/22$

+ sign -1.479 ± 0.033 $\chi^2/\text{NDF}: 8929.7/42$

All: -1.349 ± 0.023 $\chi^2/\text{NDF}: 17105.8/85$

- sign -1.233 ± 0.031 $\chi^2/\text{NDF}: 8146.4/42$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 654.1/17

Left Out: 0.115 ± 0.002 χ^2/NDF : 4423.4/24

Right Out: 0.222 ± 0.004 χ^2/NDF : 1042.7/19

Left In: 0.092 ± 0.002 χ^2/NDF : 3632.6/22

+ sign 0.128 ± 0.002 χ^2/NDF : 5479.4/42

All: 0.118 ± 0.001 χ^2/NDF : 11232.0/85

- sign 0.111 ± 0.001 χ^2/NDF : 5688.6/42