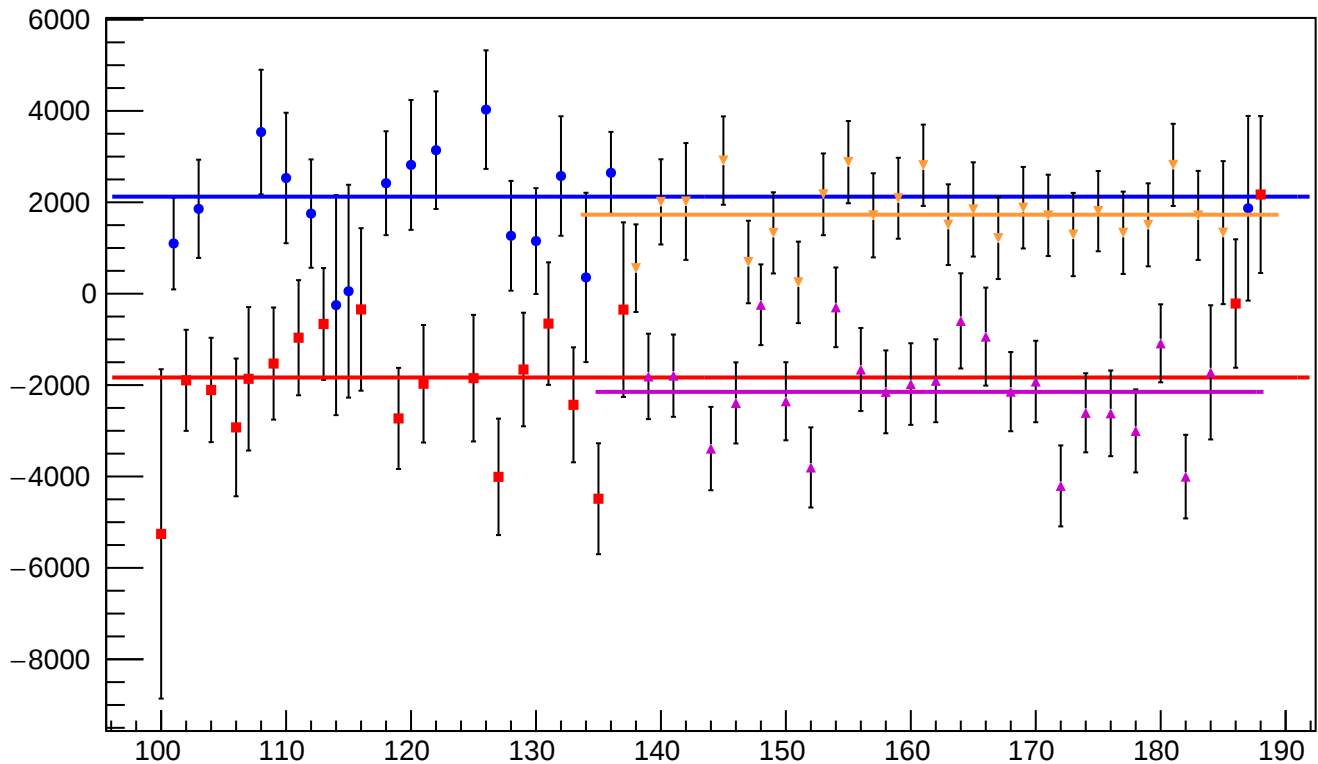


dit_asym_us_avg_mean vs Slug



Right In: 2123.356+/-312.689

χ^2/NDF : 9.8/16

+ sign 1835.535+/-162.790

χ^2/NDF : 24.3/40

Left Out: 1728.518+/-190.668

χ^2/NDF :13.4/23

All: -127.587+/-114.632

χ^2/NDF : 365.5/83

Right Out: -1833.471+/-301.782

χ^2/NDF : 20.4/19

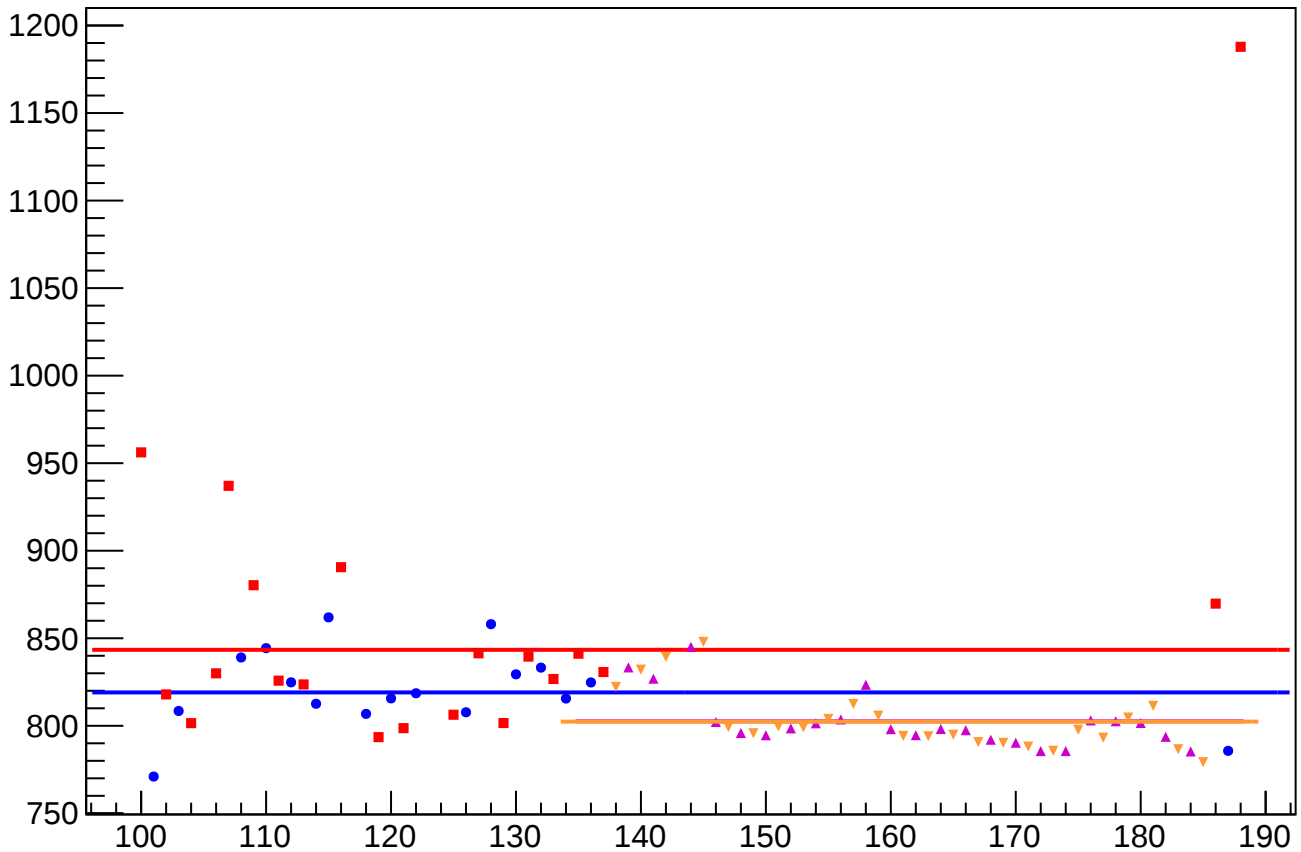
- sign -2058.418+/-161.446

χ^2/NDF : 52.7/42

Left In: -2148.611+/-191.090

χ^2/NDF :31.5/22

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: 843.400 $\pm$ 0.213 χ^2 /NDF: 108920.6/19

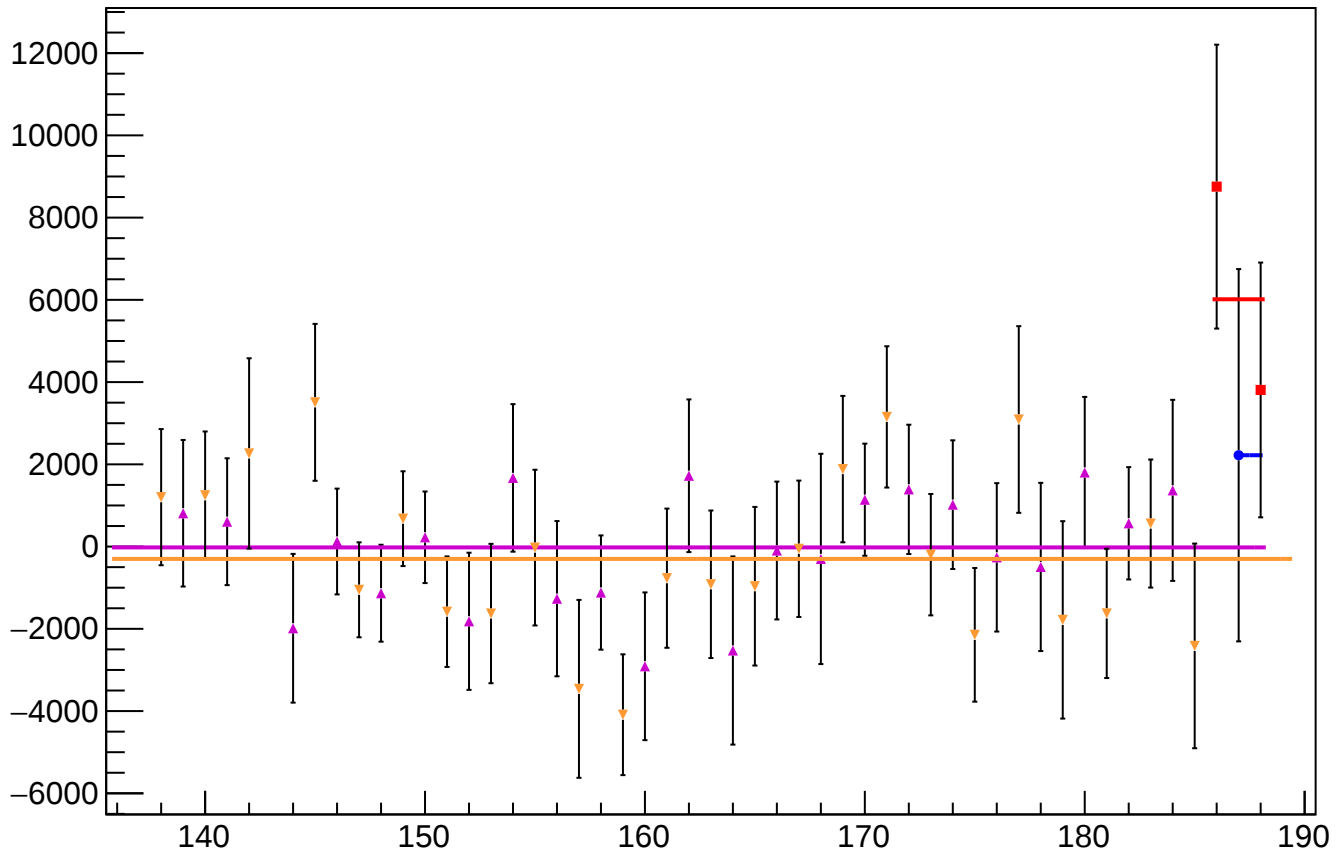
Left In: 802.565 $\pm$ 0.135 χ^2 /NDF:12297.8/22

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

All: 810.609 $\pm$ 0.081 χ^2 /NDF: 176881.1/83

- sign 814.252 $\pm$ 0.114 χ^2 /NDF: 147356.3/42

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: 6014.347 $\pm$ 2305.518 χ^2 /NDF: 1.1/1

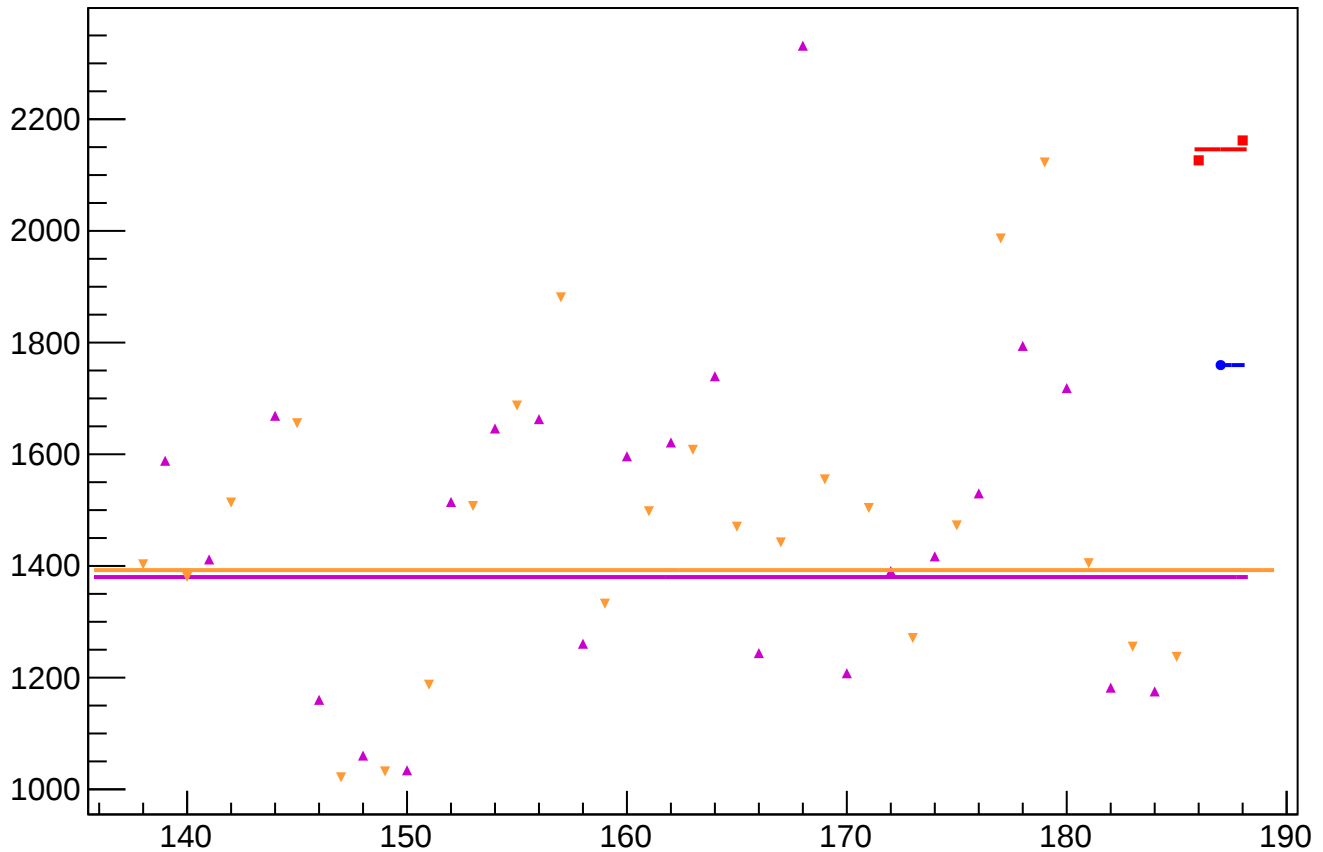
Left In: -20.057 $\pm$ 335.636 χ^2 /NDF:13.9/22

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

All: -87.202 $\pm$ 236.710 χ^2 /NDF: 52.8/49

- sign 105.178 $\pm$ 332.135 χ^2 /NDF: 21.8/24

asym_us_avg_correction_rms vs Slug



Right In: 1759.691 $\pm$ 3.201 χ^2/NDF : 0.0/0

Left Out: 1392.560 $\pm$ 0.239 χ^2/NDF : 1085979.5/23

+ sign 1394.600 $\pm$ 0.239 χ^2/NDF : 1099061.8/24

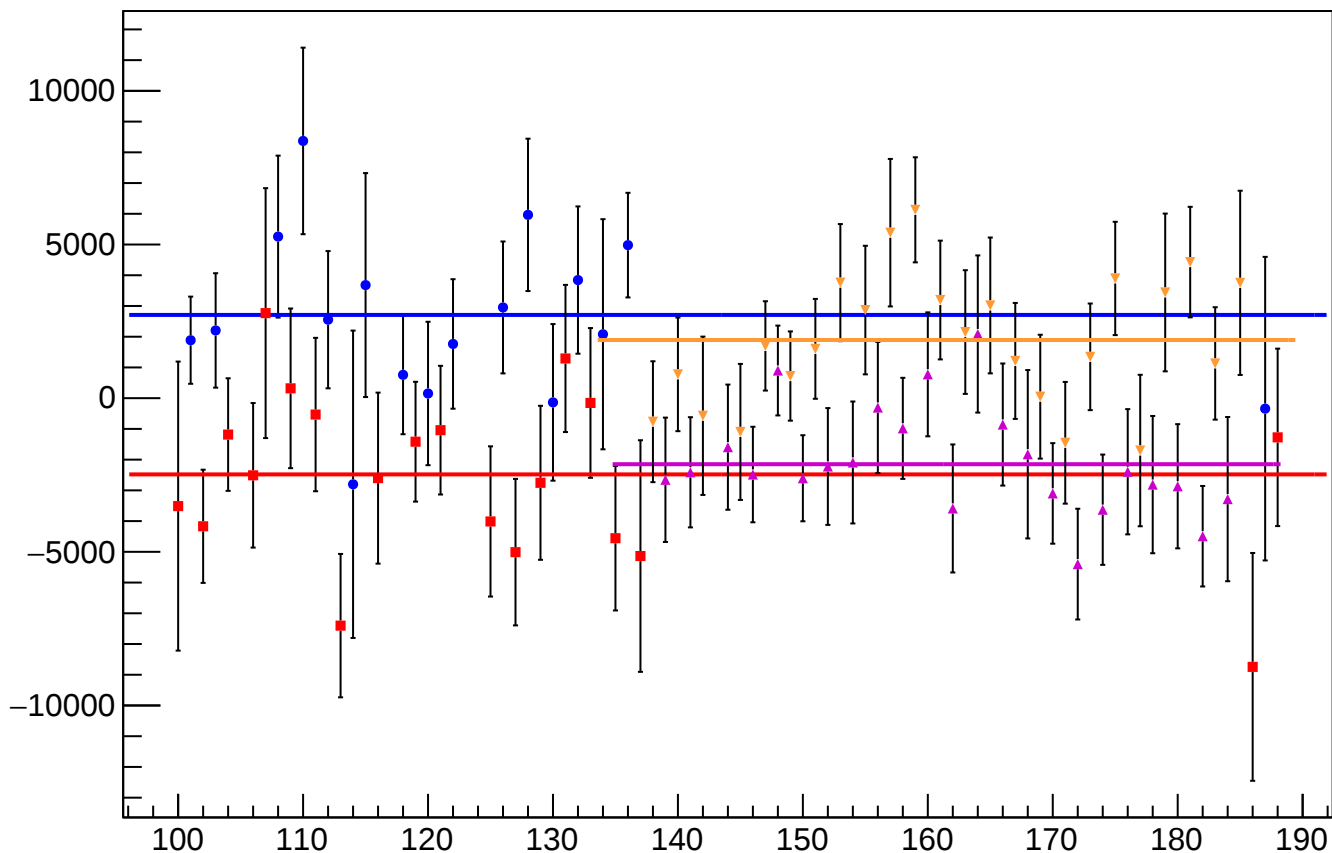
Right Out: 2146.073 $\pm$ 1.630 χ^2/NDF : 118.2/1

All: 1395.320 $\pm$ 0.167 χ^2/NDF : 2568265.7/49

- sign 1396.017 $\pm$ 0.235 χ^2/NDF : 1469185.9/24

Left In: 1380.121 $\pm$ 0.237 χ^2/NDF : 1252901.4/22

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: -2480.222 $\pm$ 552.007 χ^2/NDF : 19.3/19

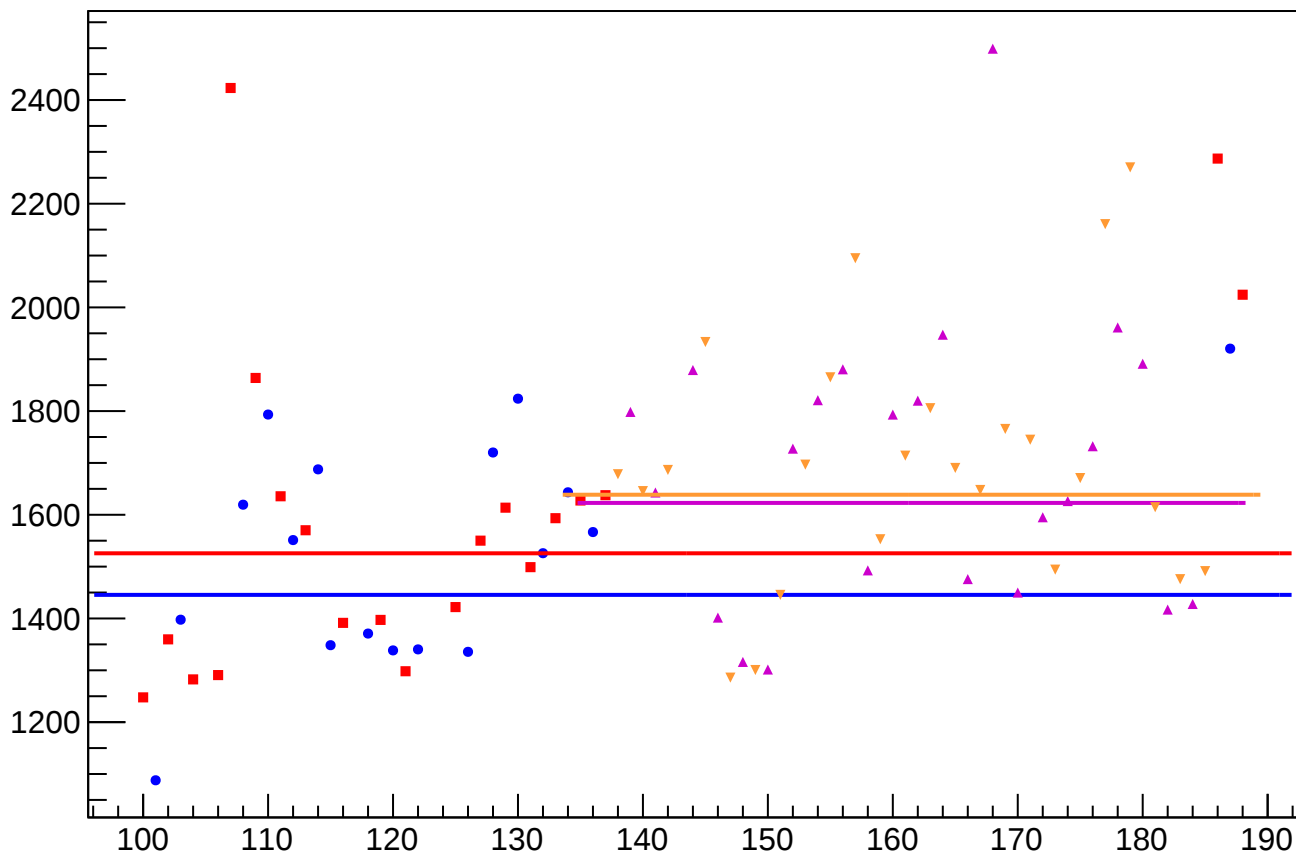
Left In: -2148.867 $\pm$ 391.716 χ^2/NDF : 18.4/22

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

All: -69.150 $\pm$ 226.973 χ^2/NDF : 174.2/83

- sign -2259.842 $\pm$ 319.455 χ^2/NDF : 37.9/42

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: 1525.688 $\pm$ 0.390 χ^2 /NDF: 408968.0/19

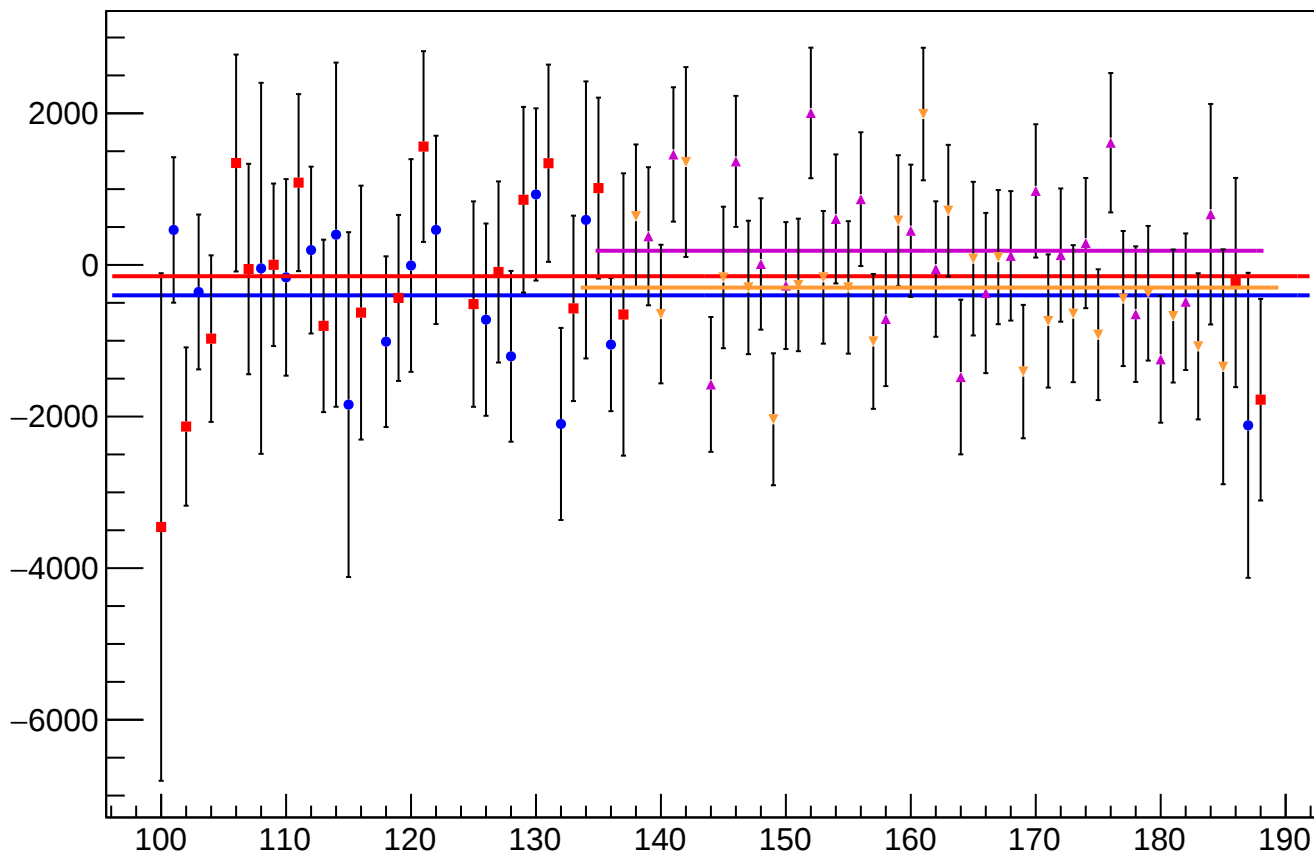
Left In: 1622.876 $\pm$ 0.277 χ^2 /NDF: 780522.2/22

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

All: 1582.459 $\pm$ 0.160 χ^2 /NDF: 2360984.1/83

- sign 1590.327 $\pm$ 0.226 χ^2 /NDF: 1230723.0/42

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: -149.033 ± 285.209 χ^2/NDF : 14.4/19

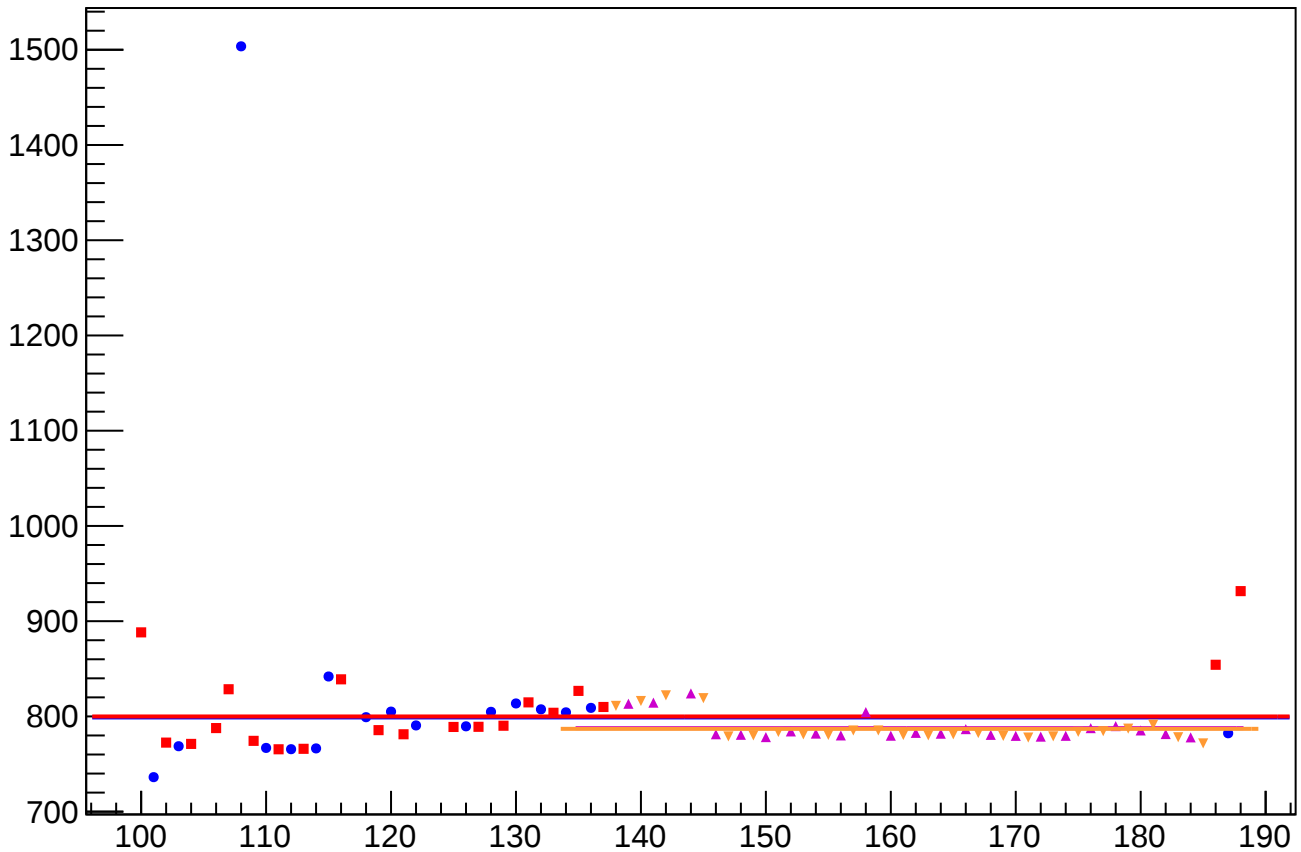
Left In: 187.064 ± 187.529 χ^2/NDF : 25.4/22

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

All: -116.499 ± 111.840 χ^2/NDF : 73.1/83

- sign 85.618 ± 156.692 χ^2/NDF : 40.8/42

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: 799.947+/-0.202 χ^2/NDF : 36131.1/19

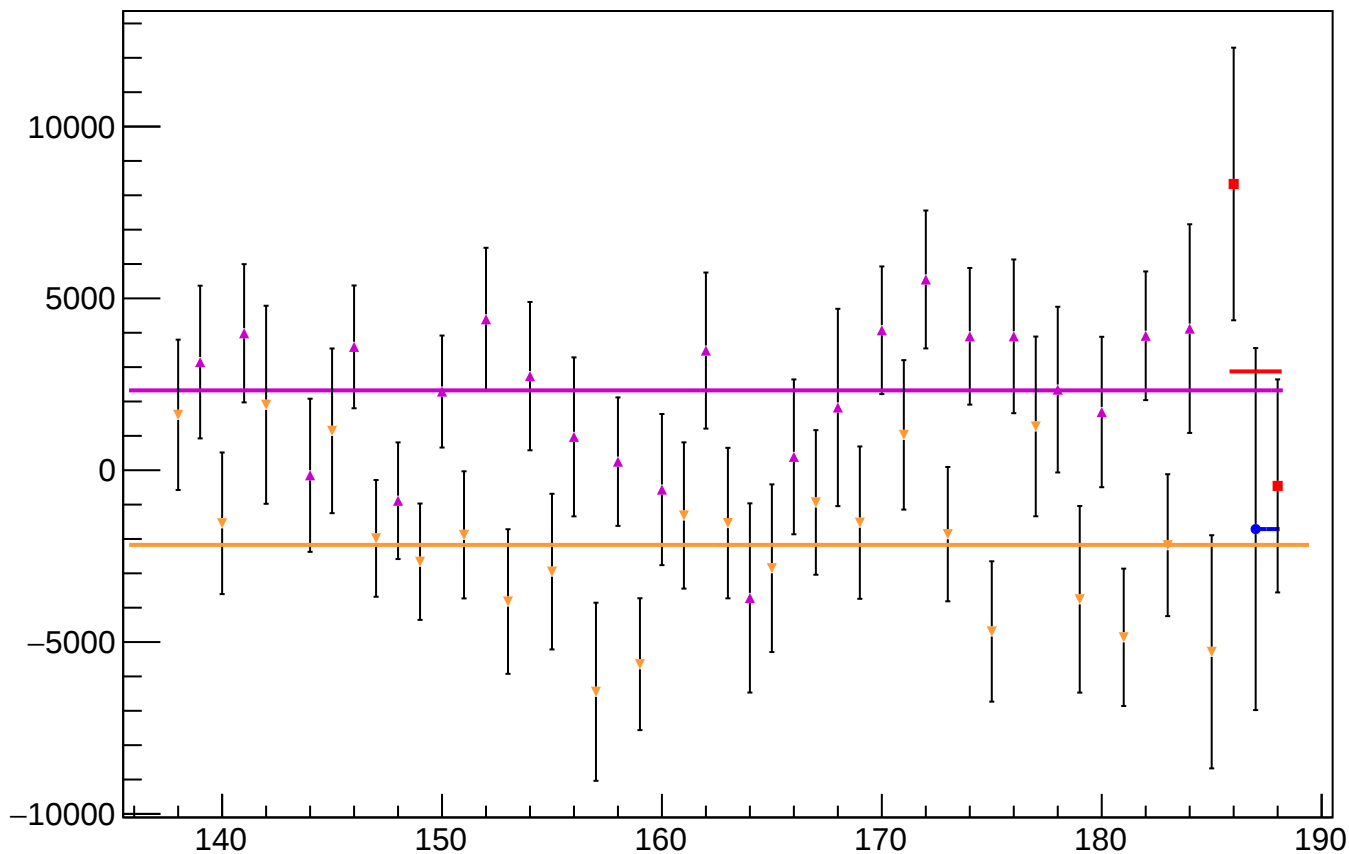
Left In: 787.707+/-0.133 χ^2/NDF : 9449.8/22

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

All: 790.811+/-0.079 χ^2/NDF : 241021.8/83

- sign 791.401+/-0.111 χ^2/NDF : 48152.5/42

asym_us_dd_correction_mean vs Slug



Right In: -1712.280 ± 5266.712 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -2171.959 ± 440.110 $\chi^2/\text{NDF}: 23.1/23$

Right Out: 2875.037 ± 2442.258 $\chi^2/\text{NDF}: 3.0/1$

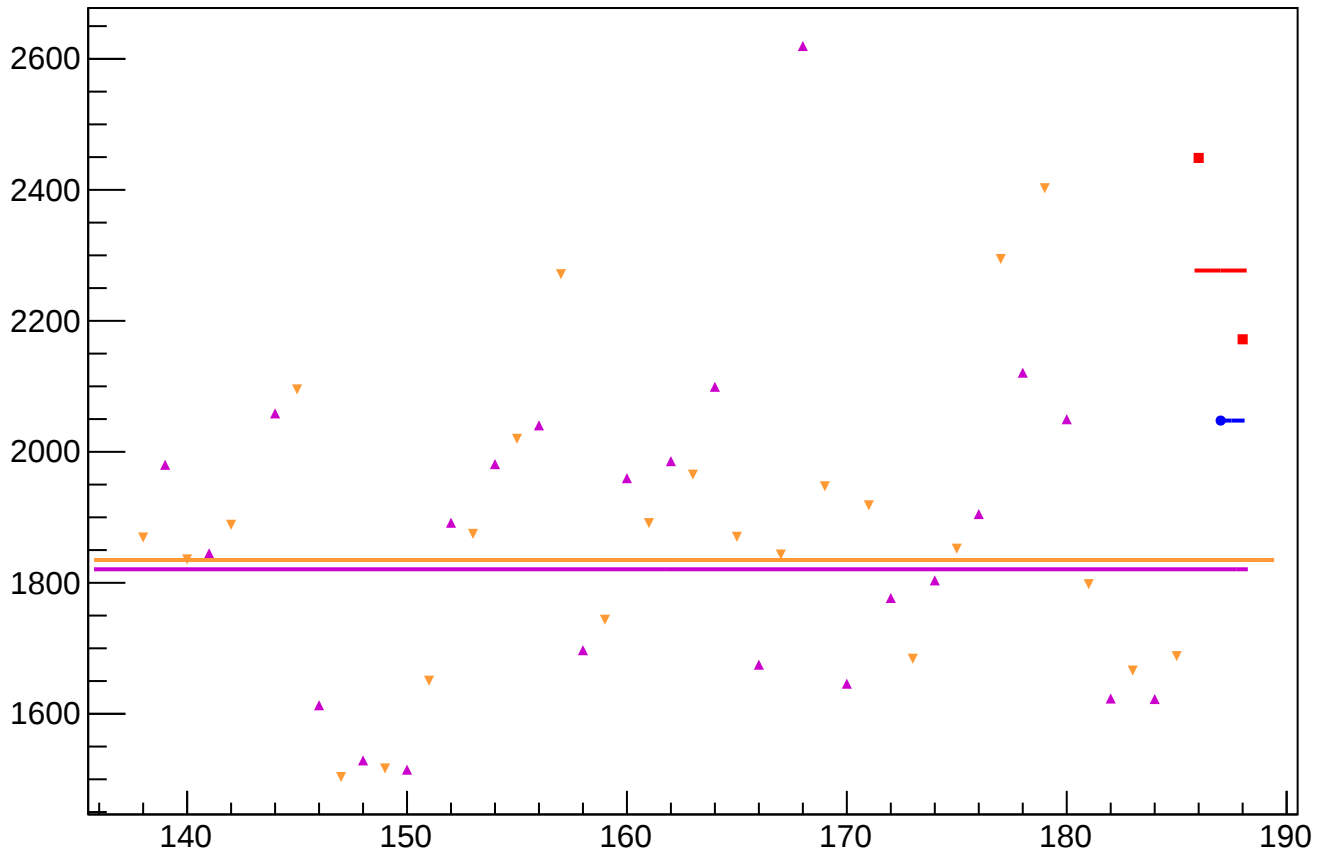
Left In: 2323.747 ± 437.513 $\chi^2/\text{NDF}: 22.0/22$

+ sign -2168.771 ± 438.581 $\chi^2/\text{NDF}: 23.1/24$

All: 127.163 ± 307.284 $\chi^2/\text{NDF}: 102.0/49$

- sign 2340.889 ± 430.658 $\chi^2/\text{NDF}: 25.1/24$

asym_us_dd_correction_rms vs Slug



Right In: 2047.732 $\pm$ 3.724 χ^2 /NDF: 0.0/0

Left Out: 1834.851 $\pm$ 0.311 χ^2 /NDF: 462857.6/23

Right Out: 2276.842 $\pm$ 1.727 χ^2 /NDF: 6052.3/1

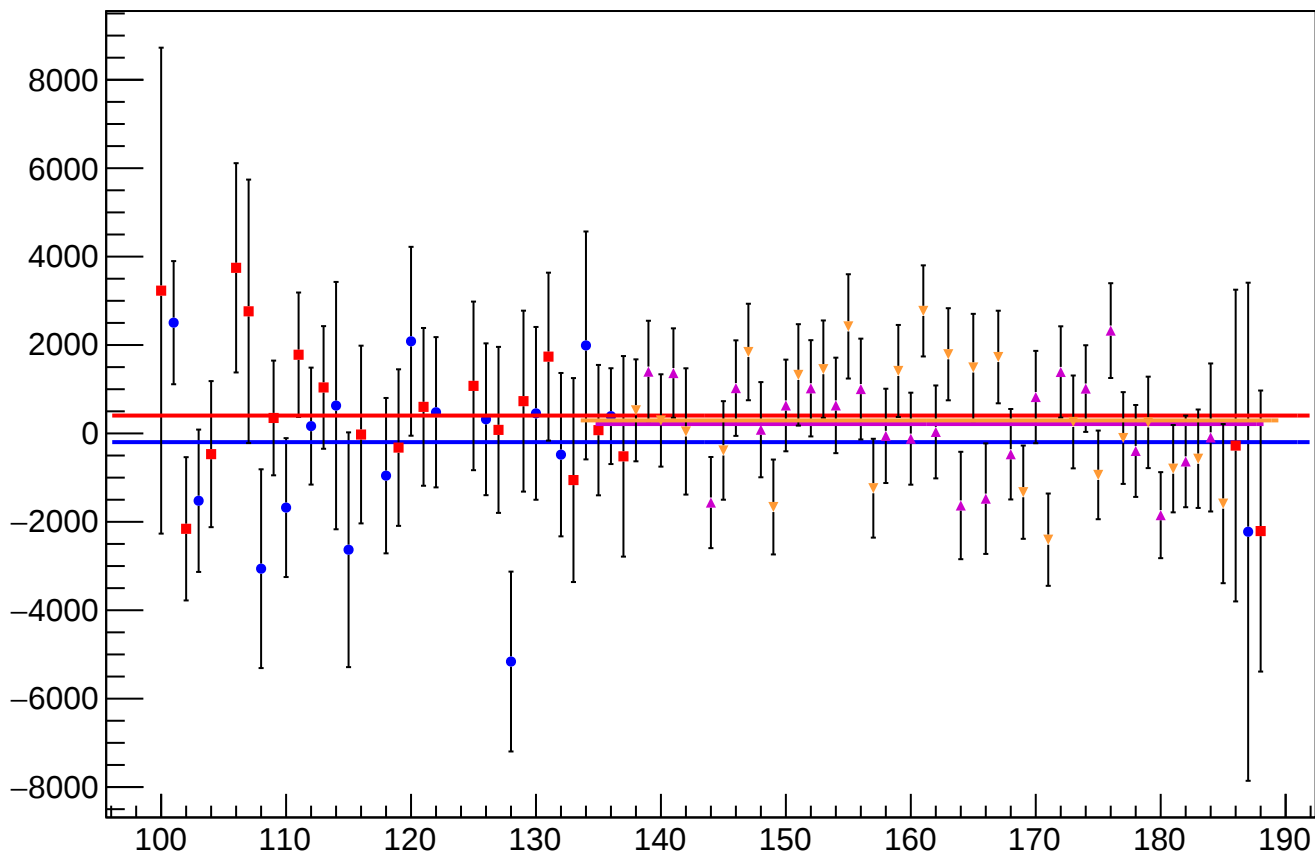
Left In: 1820.669 $\pm$ 0.309 χ^2 /NDF: 537910.0/22

+ sign 1836.327 $\pm$ 0.310 χ^2 /NDF: 466102.5/24

All: 1835.577 $\pm$ 0.217 χ^2 /NDF: 1077682.6/49

- sign 1834.854 $\pm$ 0.305 χ^2 /NDF: 611568.6/24

asym_us_dd_mean vs Slug



Right In: -196.946 ± 430.235 $\chi^2/\text{NDF}: 16.8/16$

Left Out: 294.652 ± 224.344 $\chi^2/\text{NDF}: 38.3/23$

Right Out: 404.179 ± 420.108 $\chi^2/\text{NDF}: 9.1/19$

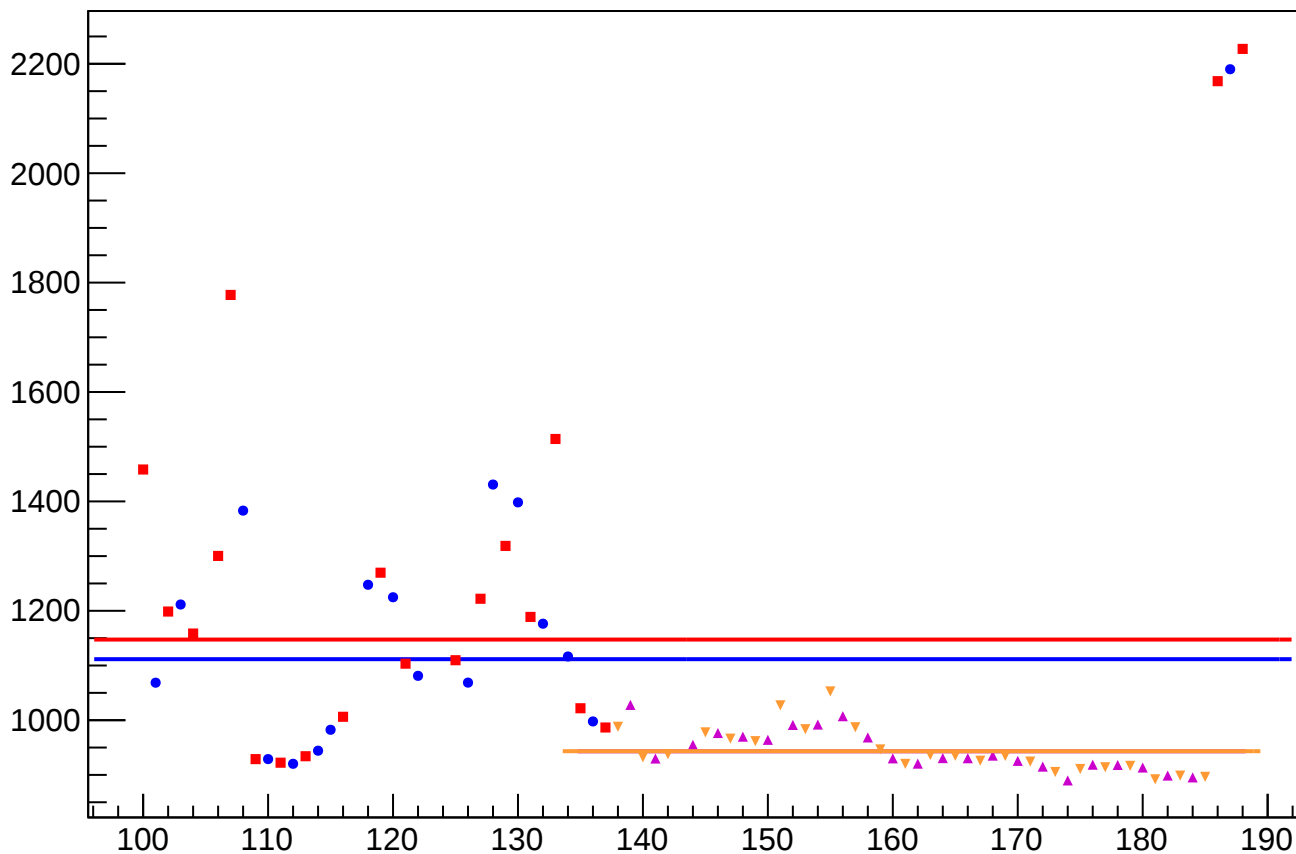
Left In: 212.080 ± 224.701 $\chi^2/\text{NDF}: 23.7/22$

+ sign 189.558 ± 198.924 $\chi^2/\text{NDF}: 56.1/40$

All: 222.314 ± 140.382 $\chi^2/\text{NDF}: 89.1/83$

- sign 254.811 ± 198.139 $\chi^2/\text{NDF}: 33.0/42$

asym_us_dd_rms vs Slug



Right In: 1111.562 $\pm$ 0.304 χ^2 /NDF: 329090.1/16

Left Out: 943.327 $\pm$ 0.159 χ^2 /NDF: 60410.5/23

Right Out: 1147.416 $\pm$ 0.297 χ^2 /NDF: 774434.1/19

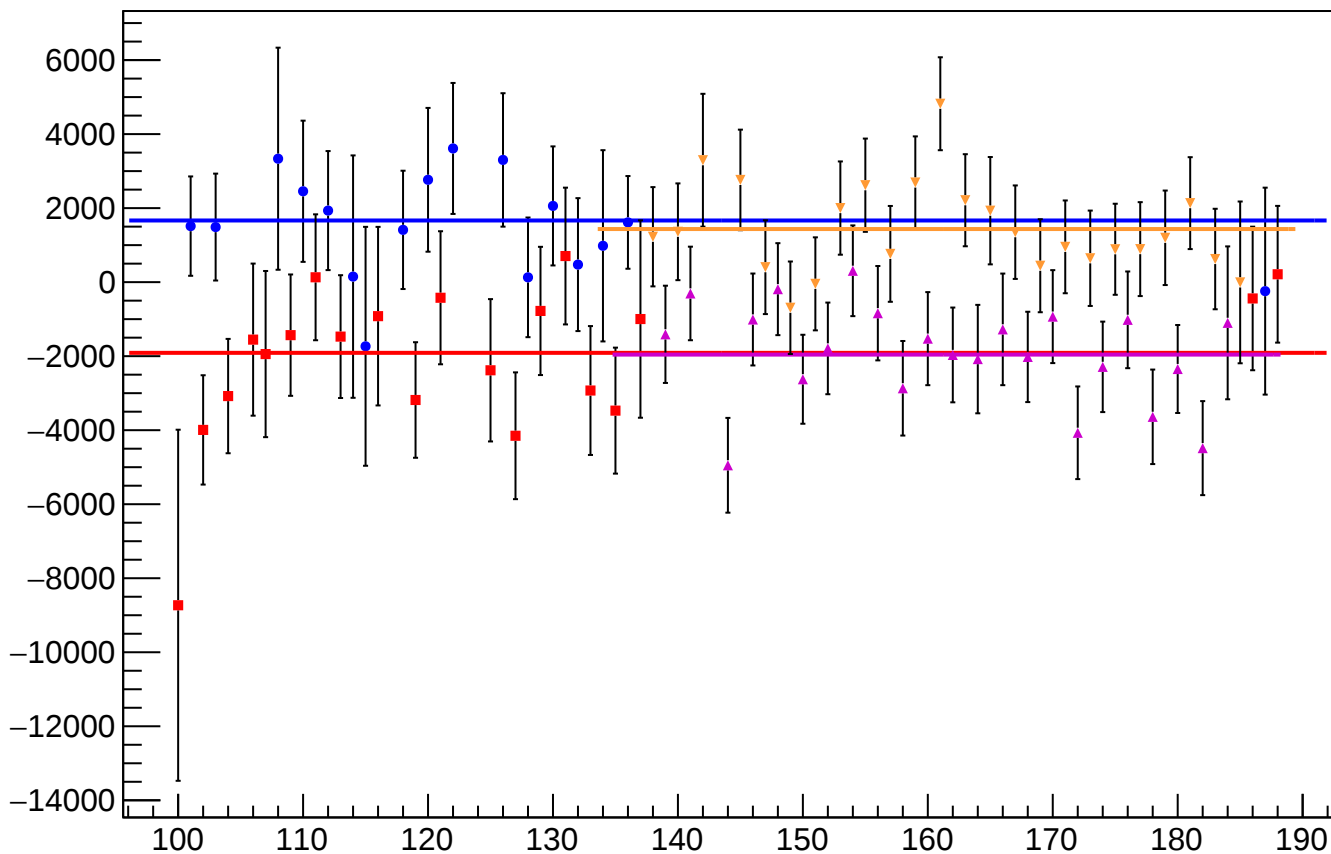
Left In: 943.137 $\pm$ 0.159 χ^2 /NDF: 49948.2/22

+ sign 979.292 $\pm$ 0.141 χ^2 /NDF: 629934.1/40

All: 983.953 $\pm$ 0.099 χ^2 /NDF: 1824197.7/83

- sign 988.577 $\pm$ 0.140 χ^2 /NDF: 1192076.4/42

dit_asym_usl_mean vs Slug



Right In: 1666.106 ± 435.423 χ^2/NDF : 6.2/16

Left Out: 1434.882 ± 267.816 χ^2/NDF : 19.8/23

Right Out: -1910.137 ± 410.246 χ^2/NDF : 15.2/19

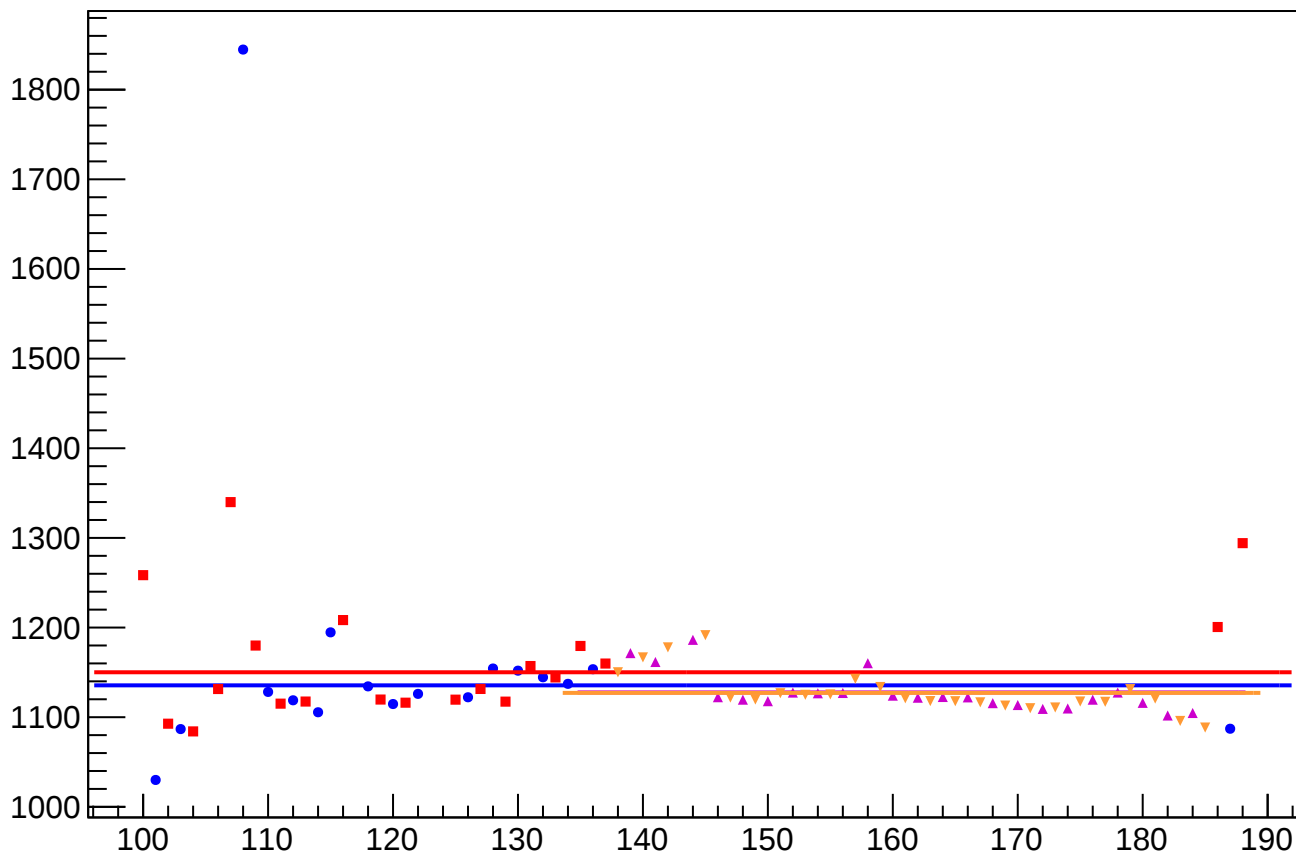
Left In: -1957.574 ± 268.487 χ^2/NDF : 25.4/22

+ sign 1498.347 ± 228.120 χ^2/NDF : 26.2/40

All: -248.852 ± 160.065 χ^2/NDF : 182.3/83

- sign -1943.349 ± 224.653 χ^2/NDF : 40.6/42

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: 1150.124+/-0.290 χ^2/NDF : 42729.8/19

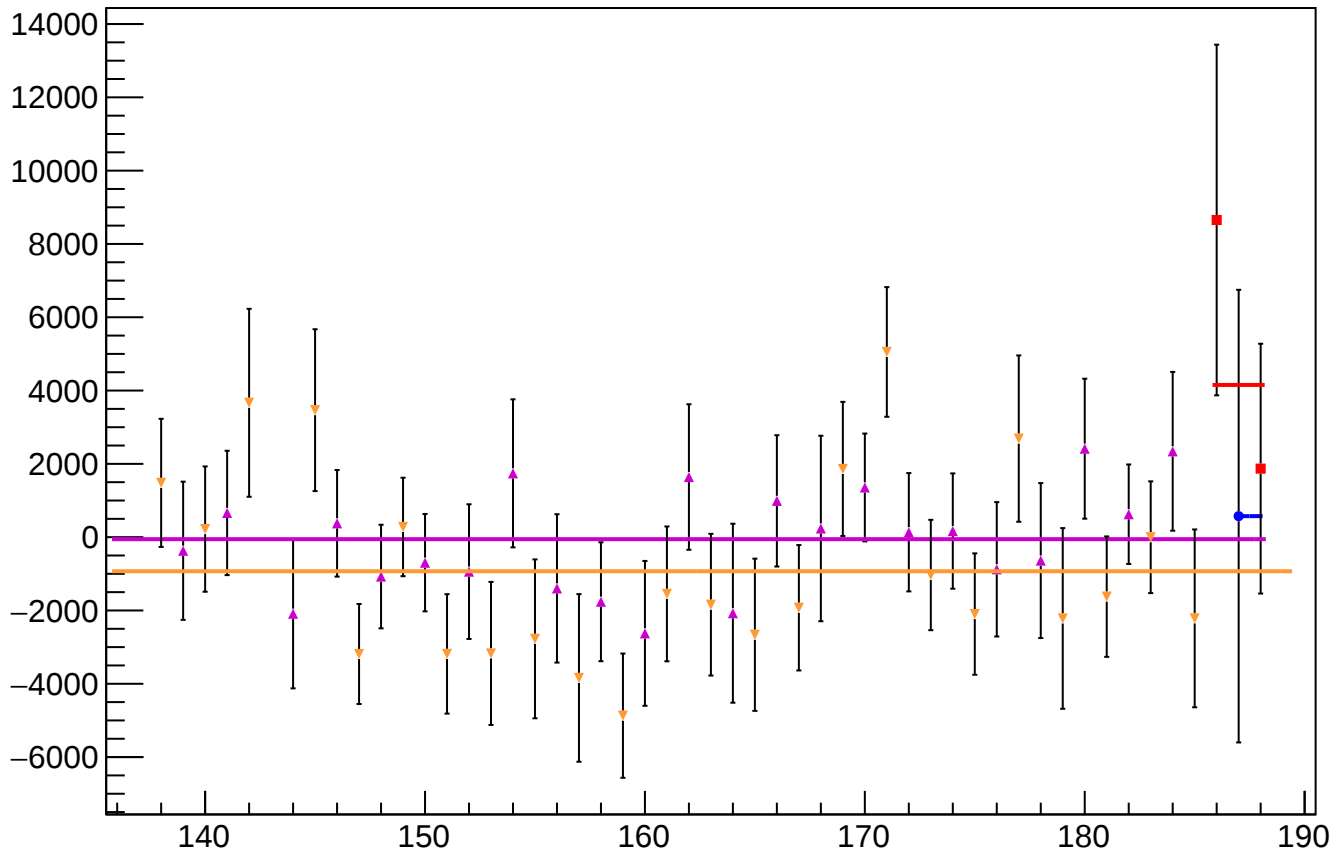
Left In: 1127.655+/-0.190 χ^2/NDF :12177.6/22

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

All: 1131.951+/-0.113 χ^2/NDF : 201847.0/83

- sign 1134.393+/-0.159 χ^2/NDF : 59107.7/42

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: 4153.311+/-2775.563 χ^2/NDF : 1.3/1

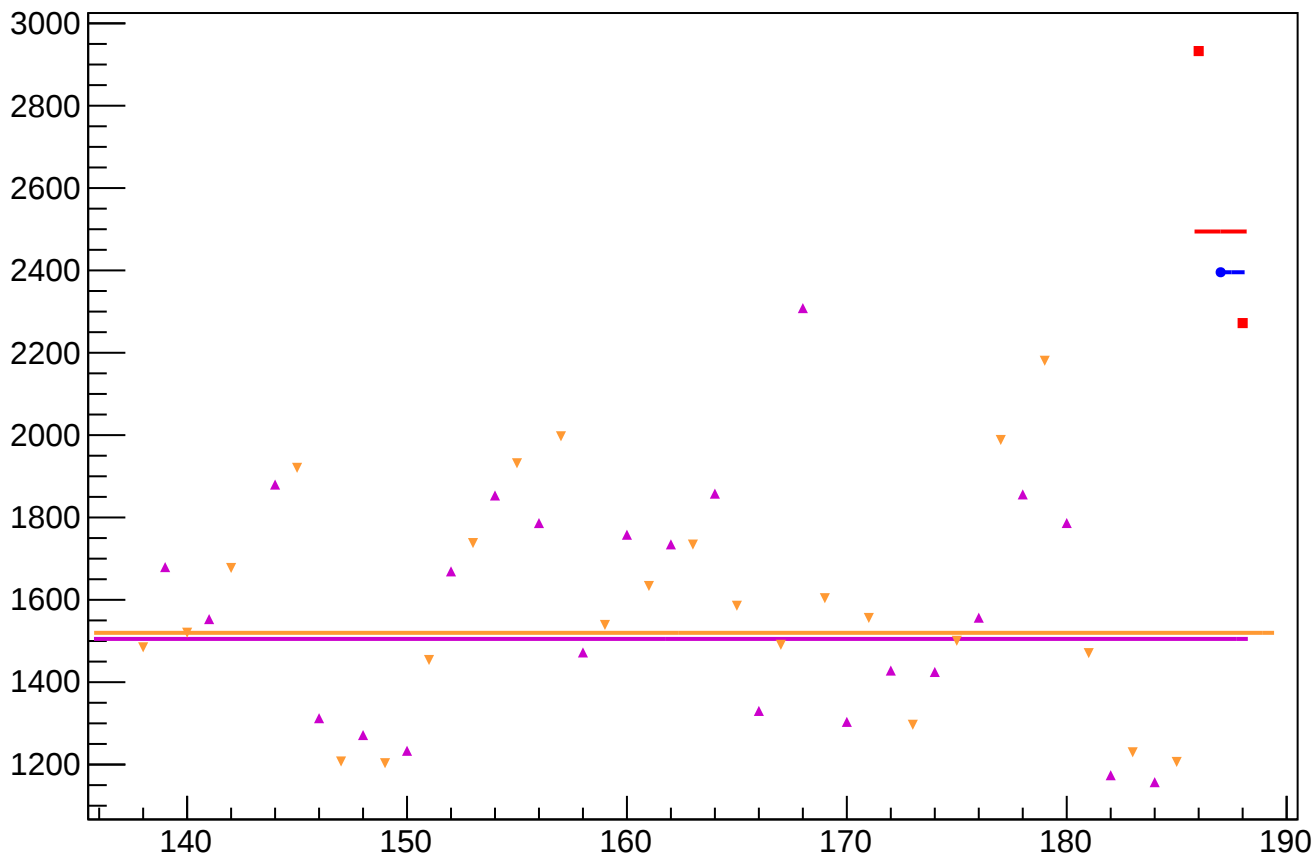
Left In: -54.483+/-364.557 χ^2/NDF : 12.5/22

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

All: -446.537+/-257.514 χ^2/NDF : 62.8/49

- sign 16.877+/-361.452 χ^2/NDF : 16.0/24

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: 2494.474 $\pm$ 1.963 χ^2 /NDF: 25301.2/1

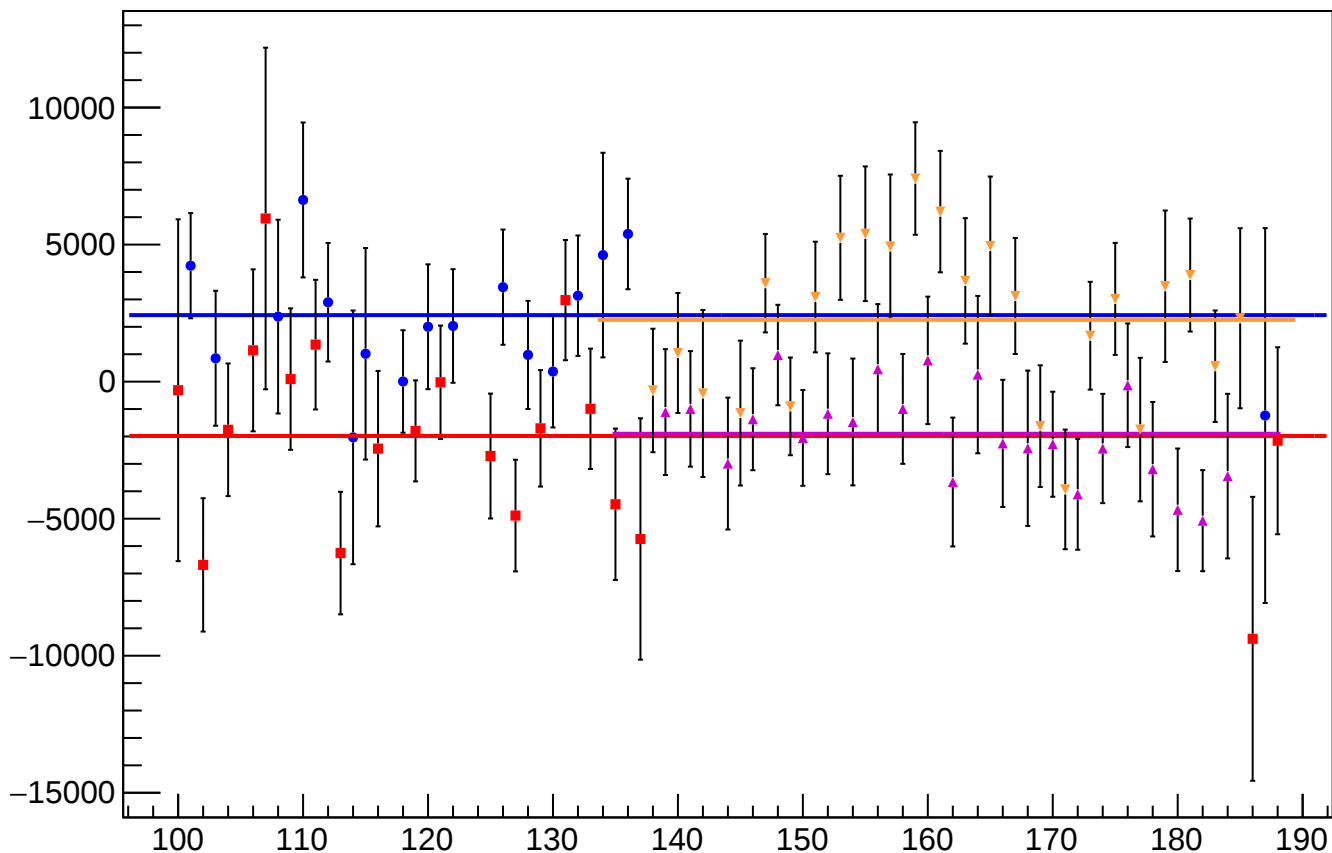
Left In: 1505.076 $\pm$ 0.258 χ^2 /NDF: 1014825.7/22

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

All: 1522.393 $\pm$ 0.182 χ^2 /NDF: 2228728.4/49

- sign 1521.855 $\pm$ 0.256 χ^2 /NDF: 1289955.2/24

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: -1981.676 $\pm$ 571.341 χ^2 /NDF: 24.8/19

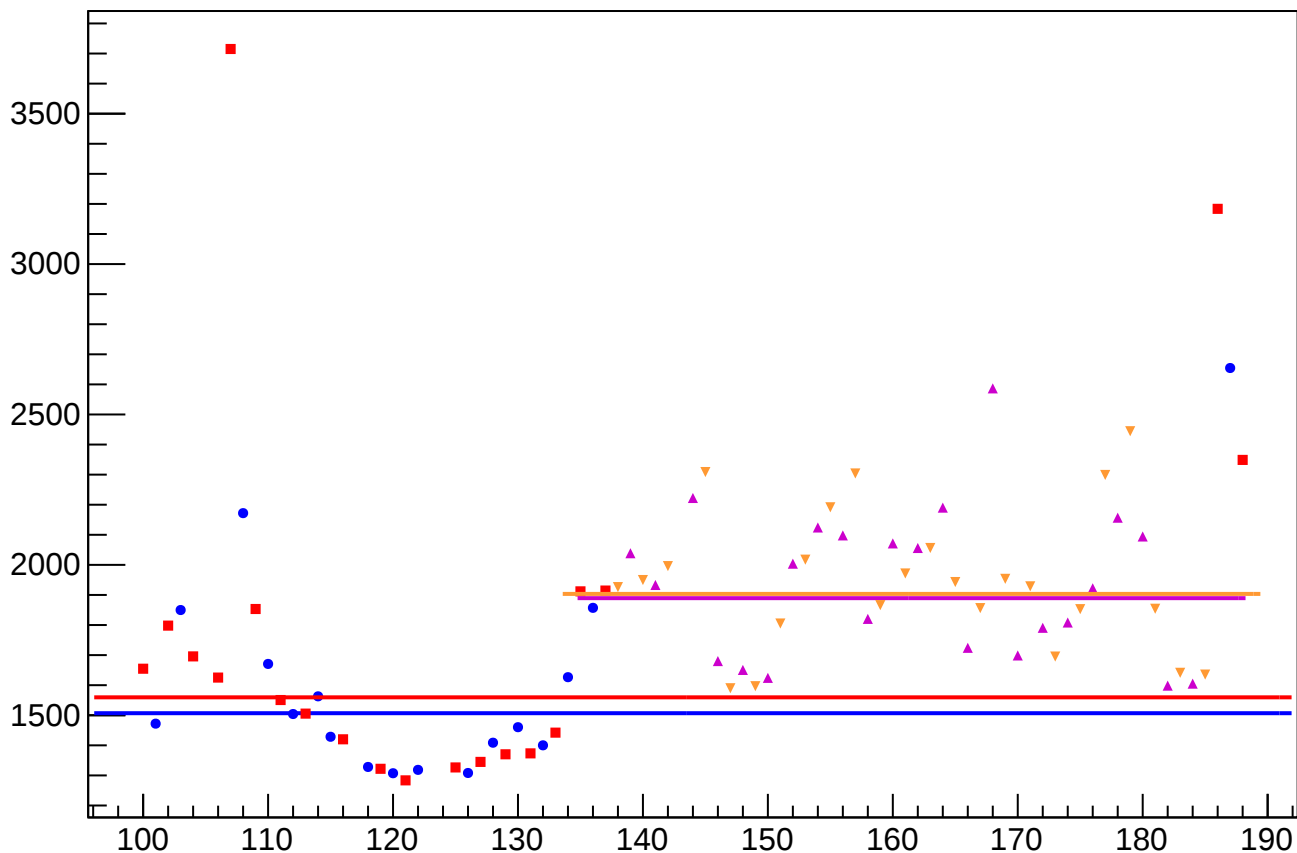
Left In: -1901.797 $\pm$ 453.879 χ^2 /NDF:13.9/22

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

All: 170.980 $\pm$ 252.627 χ^2 /NDF: 159.3/83

- sign -1932.703 $\pm$ 355.387 χ^2 /NDF: 38.7/42

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: 1559.602+/-0.404 χ^2/NDF : 795420.9/19

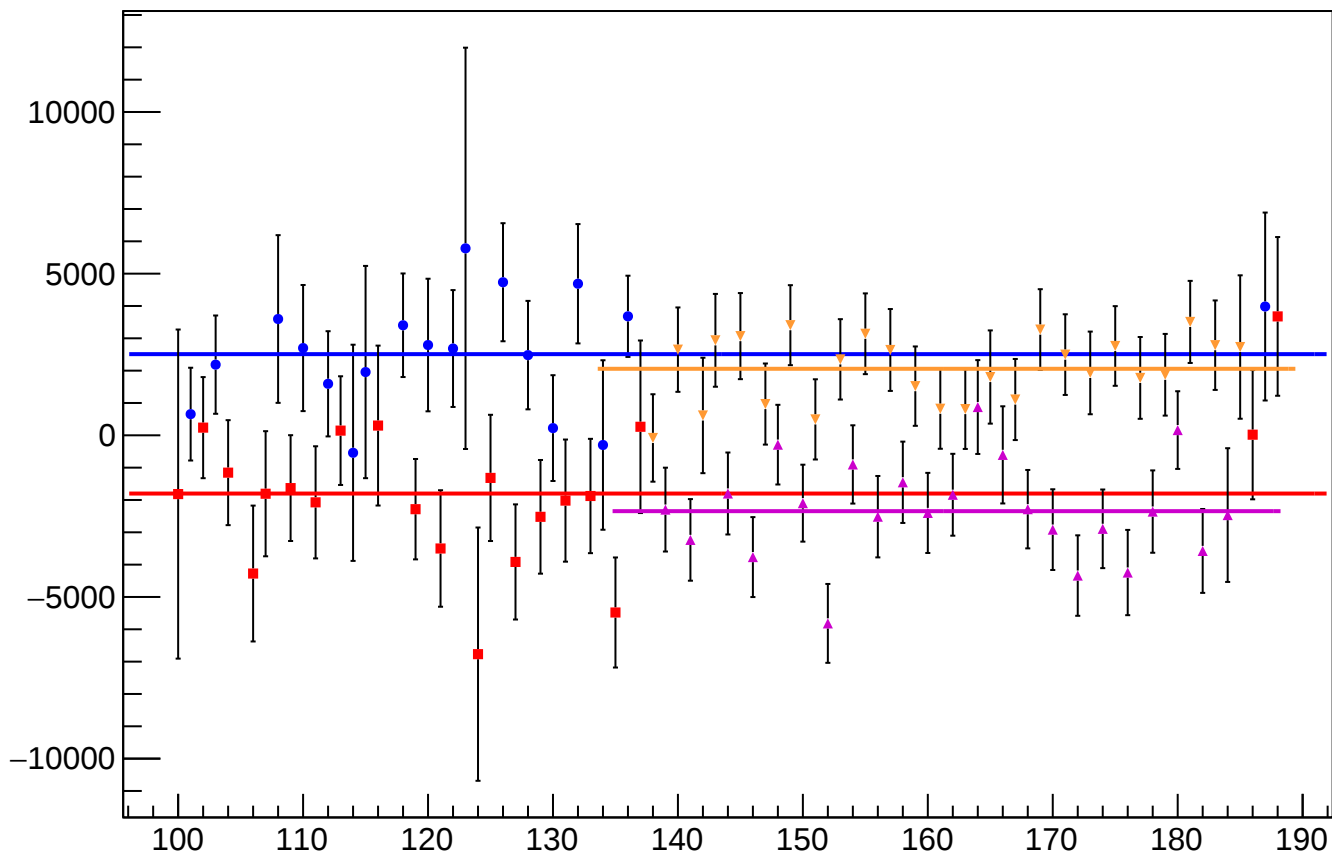
Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

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

All: 1757.176+/-0.179 χ^2/NDF : 3065410.7/83

- sign 1761.752+/-0.251 χ^2/NDF : 1712448.0/42

dit_asym_usr_mean vs Slug



Right In: 2510.51+/-444.101 χ^2/NDF : 10.8/17

Left Out: 2057.600+/-261.809 χ^2/NDF :14.8/24

Right Out: -1801.203+/-417.546 χ^2/NDF : 20.7/20

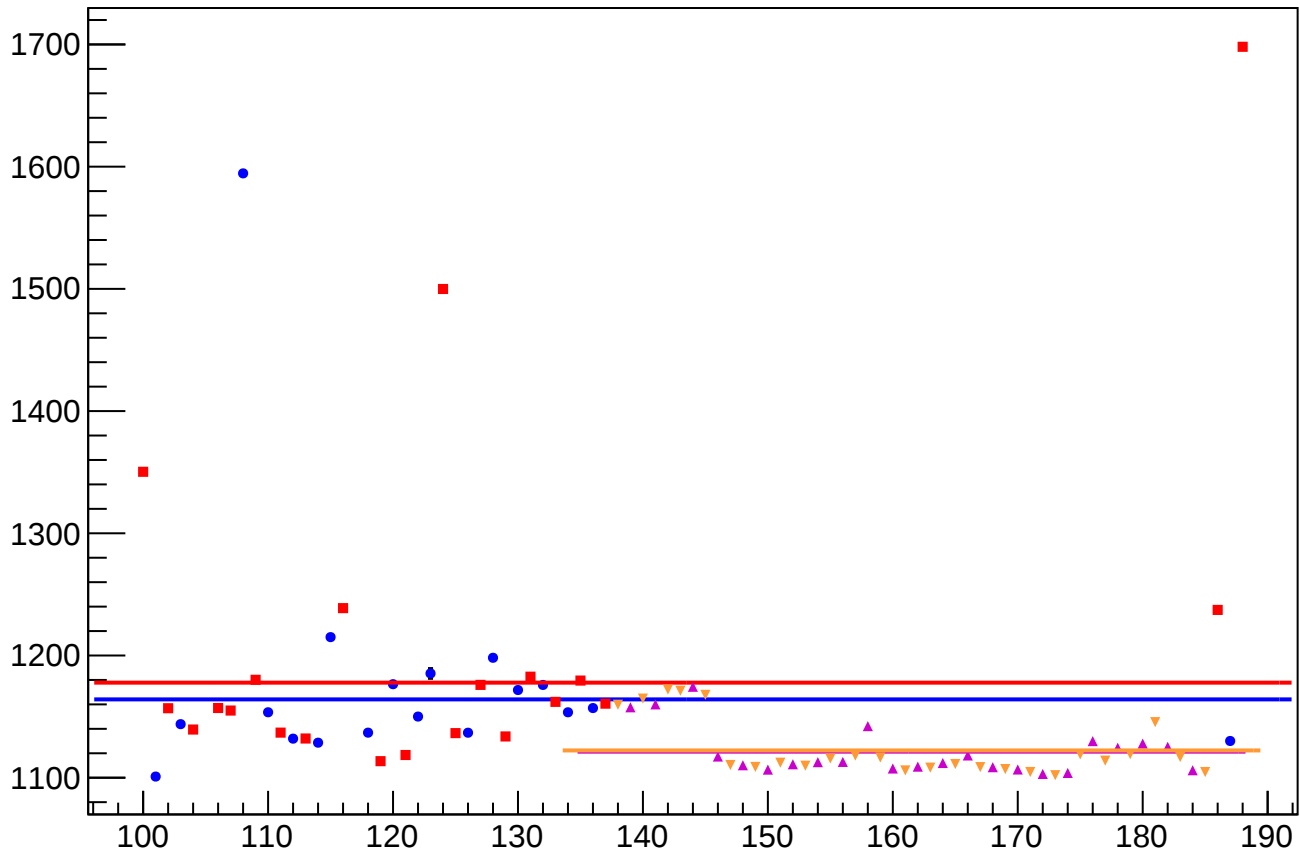
Left In: -2345.900+/-266.966 χ^2/NDF :31.6/22

+ sign 2174.409+/-225.535 χ^2/NDF : 26.4/42

All: -12.648+/-159.260 χ^2/NDF : 267.5/86

- sign -2187.844+/-224.922 χ^2/NDF : 53.5/43

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

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

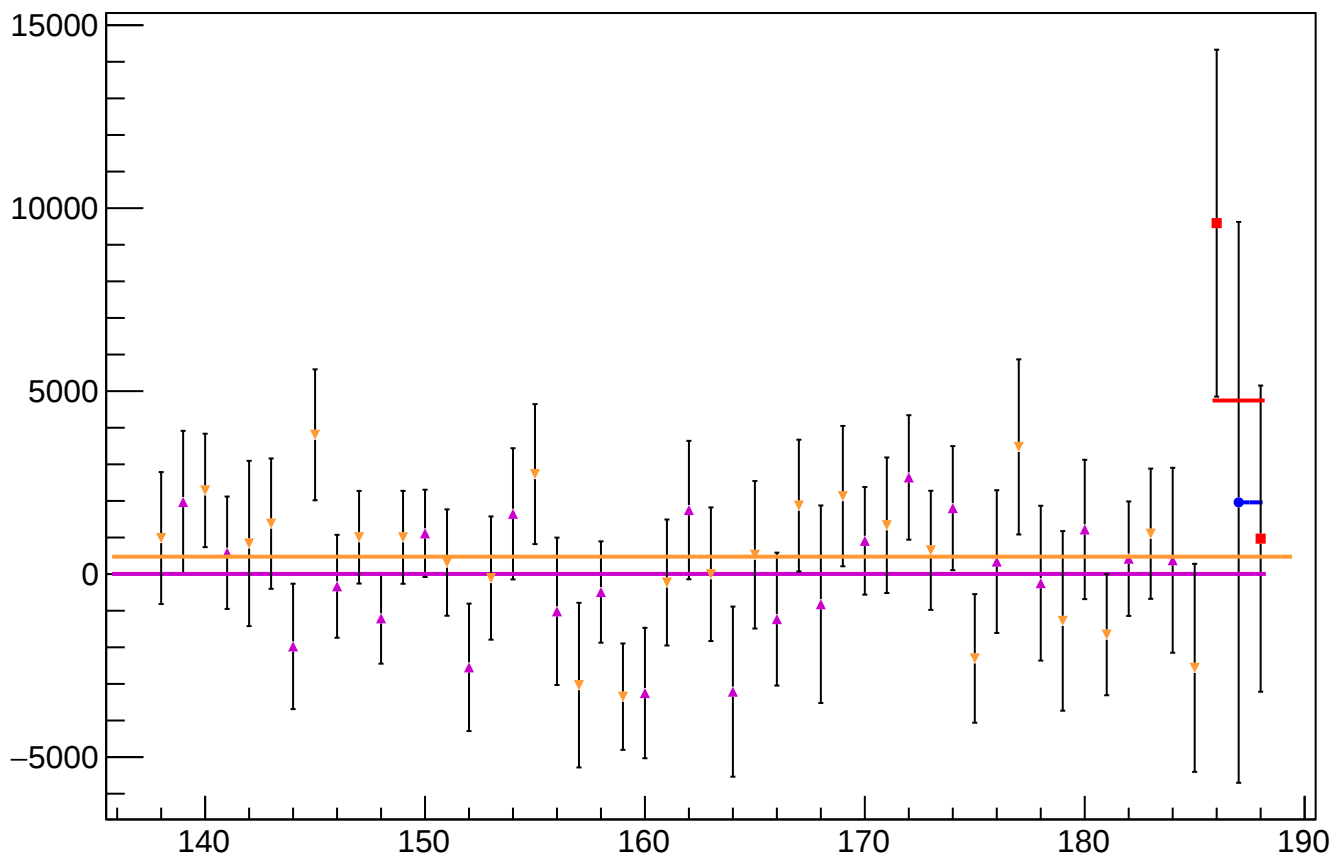
Right Out: 1177.792 ± 0.295 χ^2/NDF : 121214.4/20

All: 1135.408 ± 0.113 χ^2/NDF : 248443.5/86

- sign 1137.712 ± 0.159 χ^2/NDF : 157648.8/43

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

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: 4744.513+/-3136.481 χ^2/NDF : 1.9/1

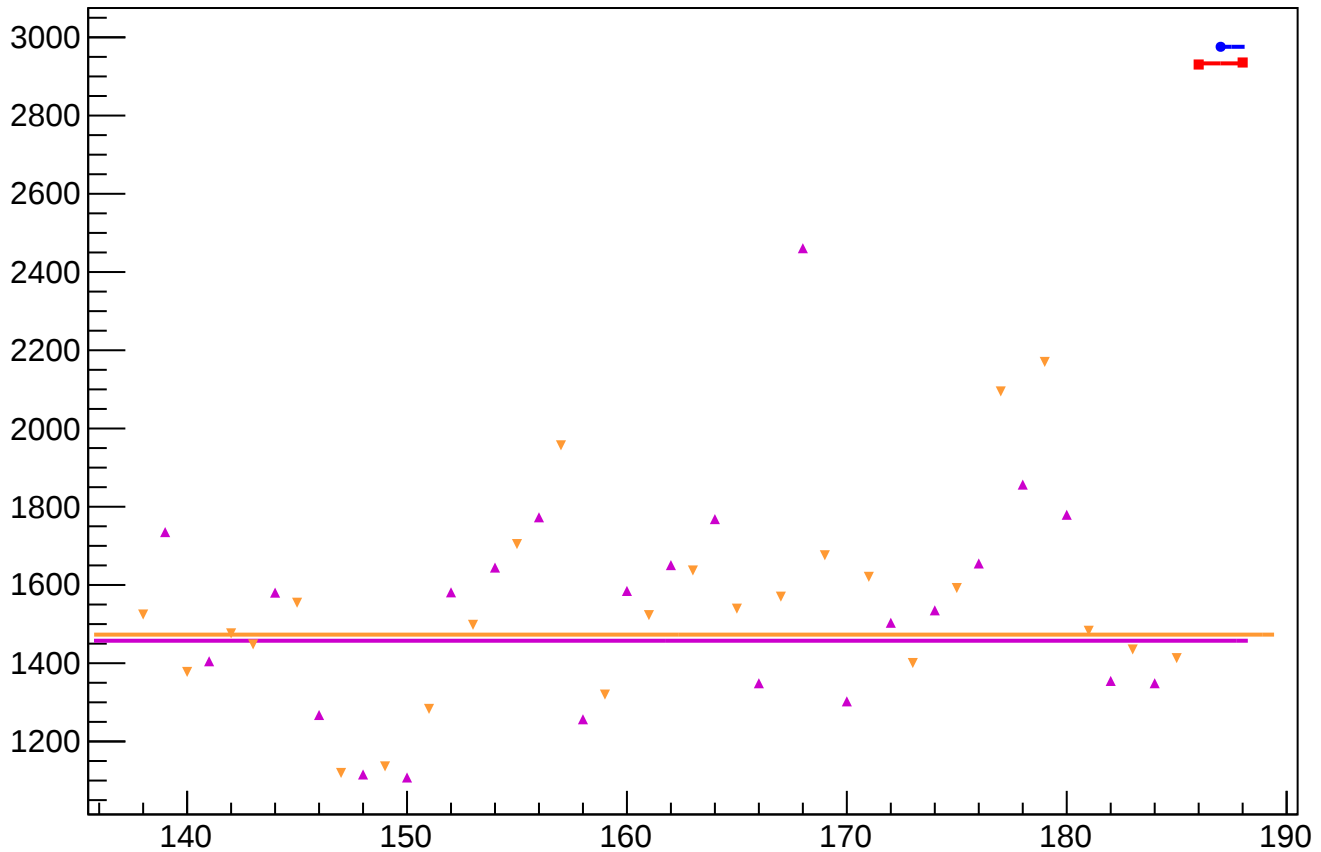
Left In: 5.369+/-353.503 χ^2/NDF : 18.9/22

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

All: 273.388+/-247.807 χ^2/NDF : 49.5/50

- sign 64.815+/-351.279 χ^2/NDF : 23.0/24

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: 2933.379+/-2.218 χ^2/NDF : 1.3/1

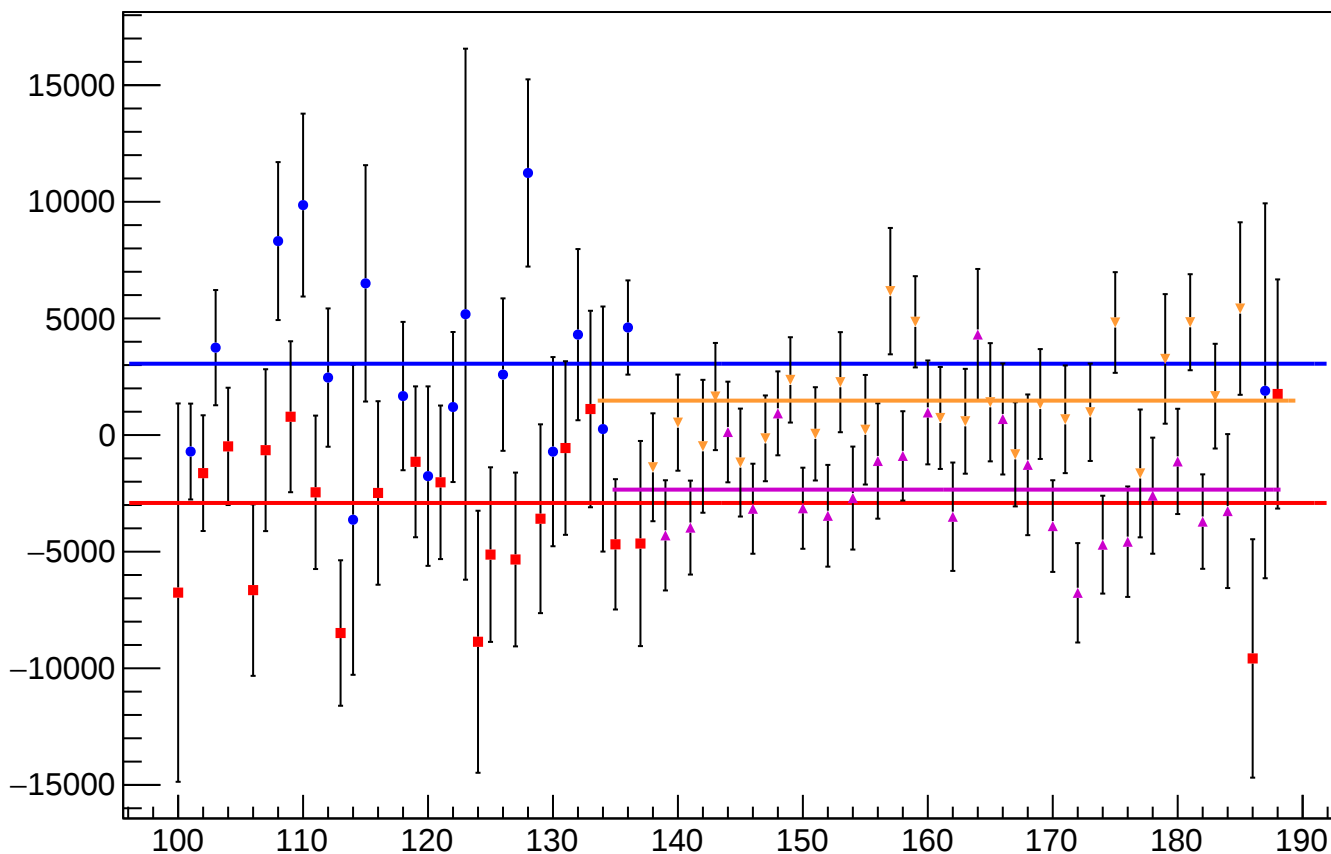
Left In: 1457.450+/-0.250 χ^2/NDF : 1076563.2/22

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

All: 1476.084+/-0.175 χ^2/NDF : 2452223.7/50

- sign 1475.963+/-0.248 χ^2/NDF : 1513879.0/24

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: -2911.567 $\pm$ 776.025 χ^2 /NDF: 14.2/20

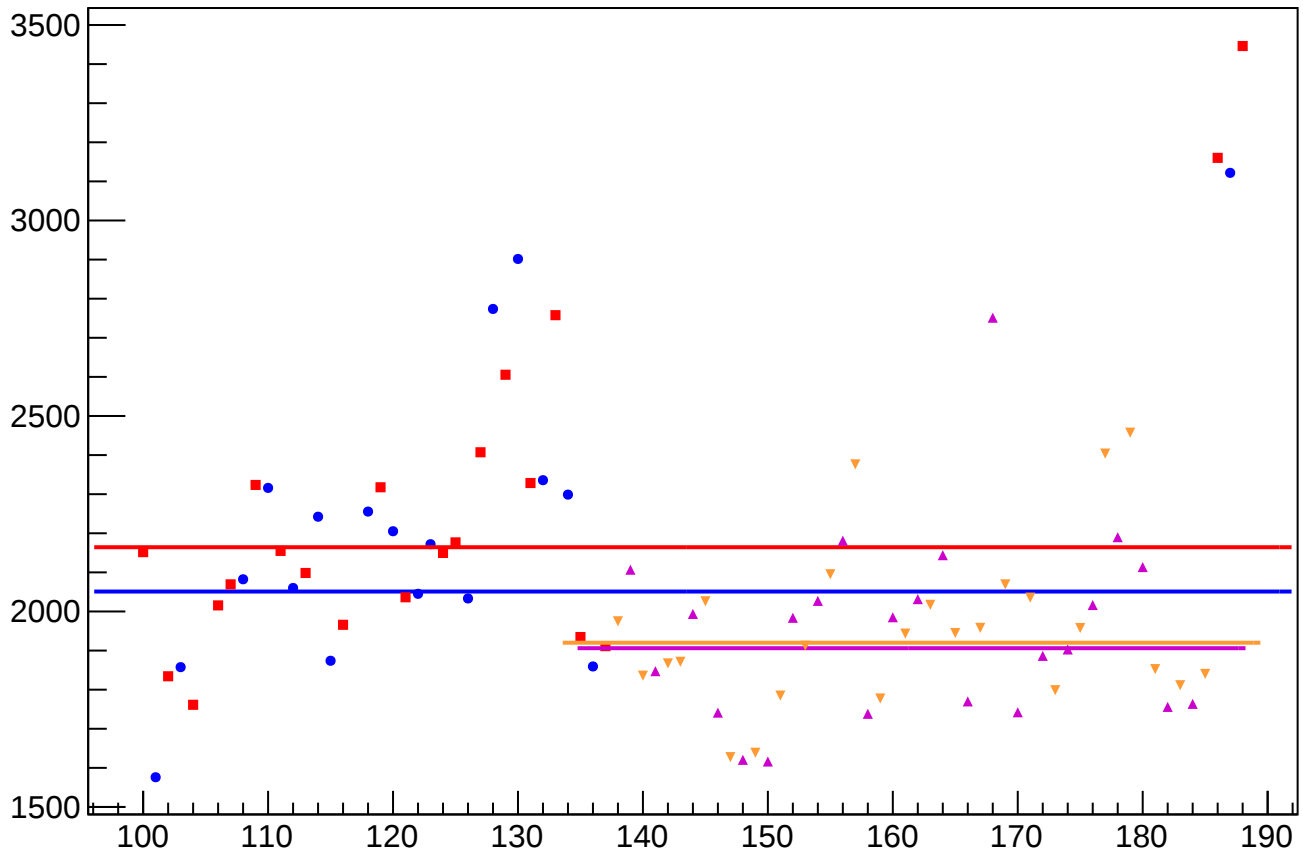
Left In: -2339.905 $\pm$ 457.448 χ^2 /NDF:25.2/22

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

All: -303.076 $\pm$ 278.046 χ^2 /NDF: 143.4/86

- sign -2487.323 $\pm$ 394.076 χ^2 /NDF: 39.8/43

asym_usr_rms vs Slug



Right In: 2050.985+/-0.561 χ^2 /NDF: 367199.7/17

Left Out: 1920.082+/-0.319 χ^2 /NDF: 365919.7/24

Right Out: 2164.344+/-0.549 χ^2 /NDF: 418069.8/20

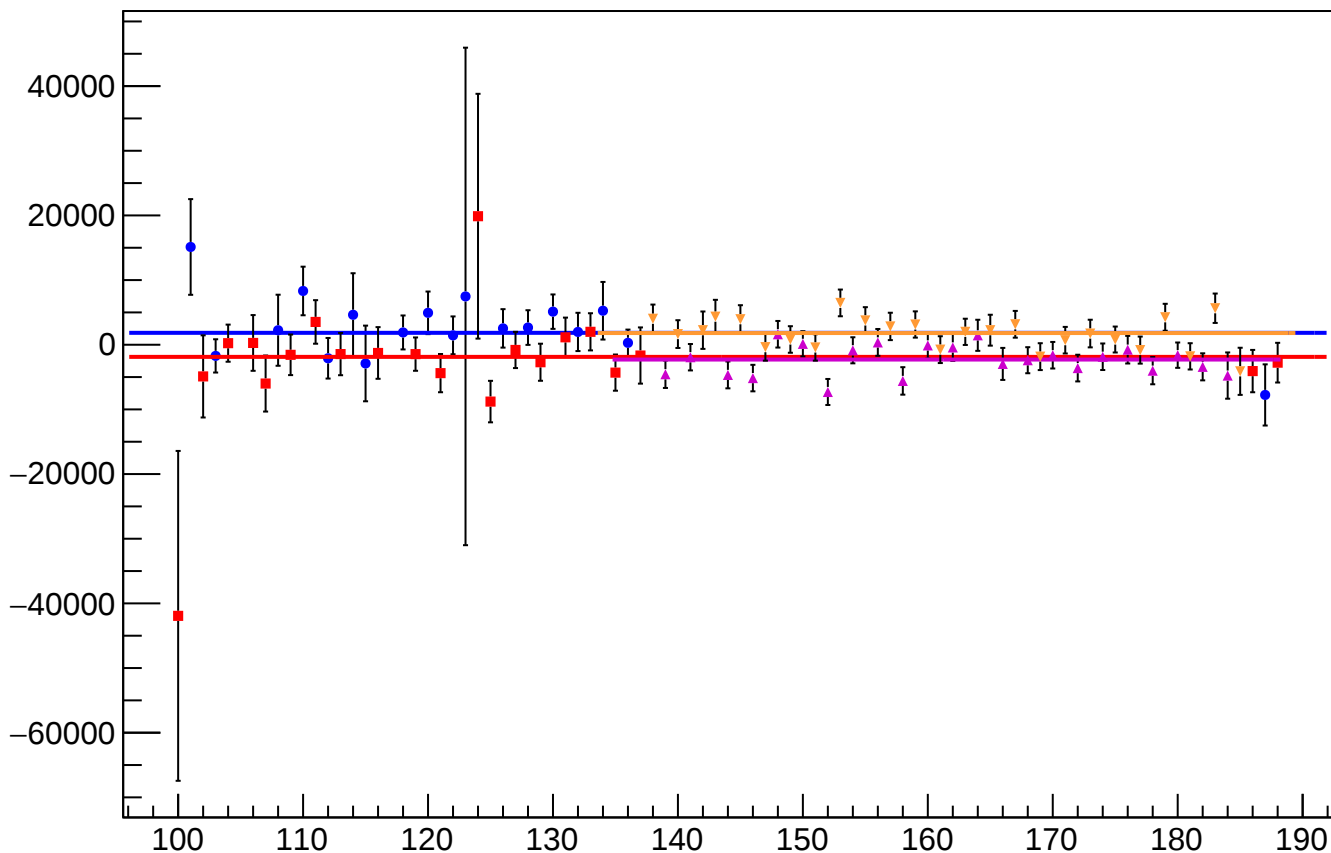
Left In: 1906.043+/-0.323 χ^2 /NDF: 451054.7/22

+ sign 1952.061+/-0.277 χ^2 /NDF: 774216.7/42

All: 1962.312+/-0.197 χ^2 /NDF: 1810524.0/80

- sign 1972.652+/-0.279 χ^2 /NDF: 1033565.1/43

dit_asym_at1_avg_mean vs Slug



Right In: 1843.204+/-784.768 χ^2/NDF : 18.4/17

Left Out: 1809.174+/-432.738 χ^2/NDF : 29.4/24

Right Out: -1875.965+/-740.525 χ^2/NDF : 18.1/20

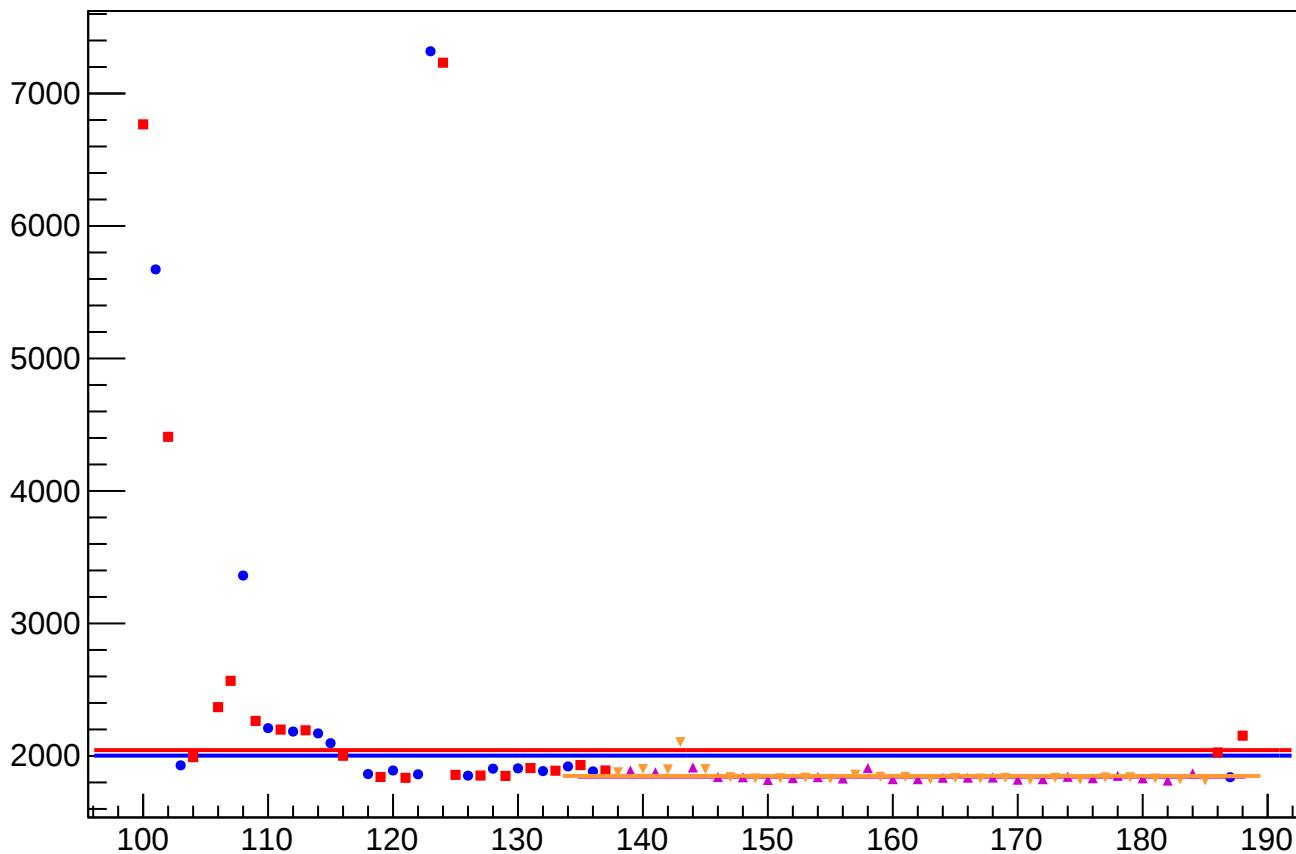
Left In: -2289.975+/-440.620 χ^2/NDF : 27.5/22

+ sign 1817.109+/-378.944 χ^2/NDF : 47.8/42

All: -183.810+/-267.853 χ^2/NDF : 149.2/86

- sign -2181.724+/-378.660 χ^2/NDF : 45.8/43

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: 2043.906+/-0.524 χ^2/NDF : 621673.3/20

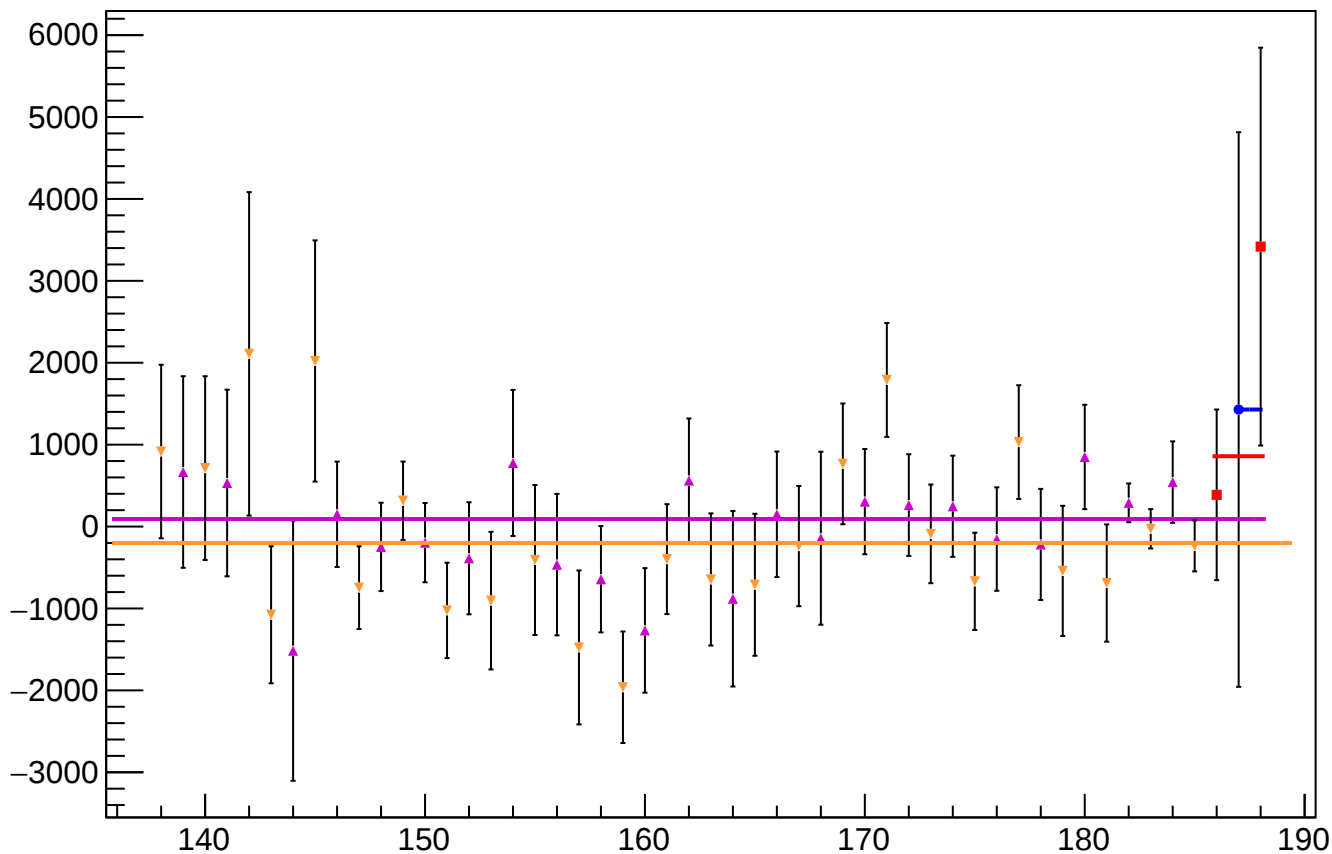
Left In: 1843.813+/-0.312 χ^2/NDF : 7555.7/22

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

All: 1890.430+/-0.189 χ^2/NDF : 1526995.0/80

- sign 1896.131+/-0.268 χ^2/NDF : 737069.7/43

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: 858.471 $\pm$ 957.479 χ^2 /NDF: 1.3/1

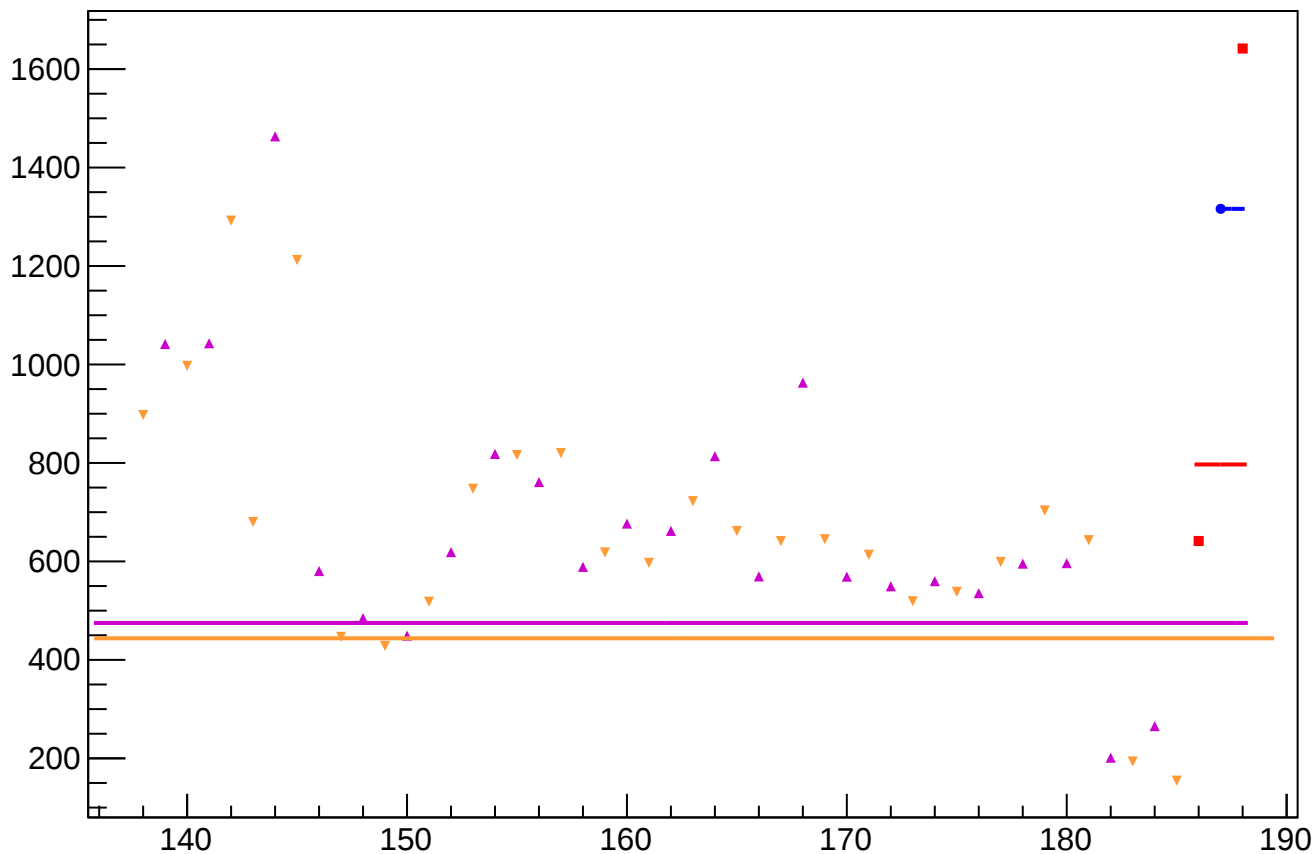
Left In: 92.163 $\pm$ 126.200 χ^2 /NDF:13.0/22

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

All: -54.511 $\pm$ 86.161 χ^2 /NDF: 54.0/50

- sign 105.248 $\pm$ 125.118 χ^2 /NDF: 14.9/24

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: 796.904 $\pm$ 0.677 χ^2/NDF : 286544.4/1

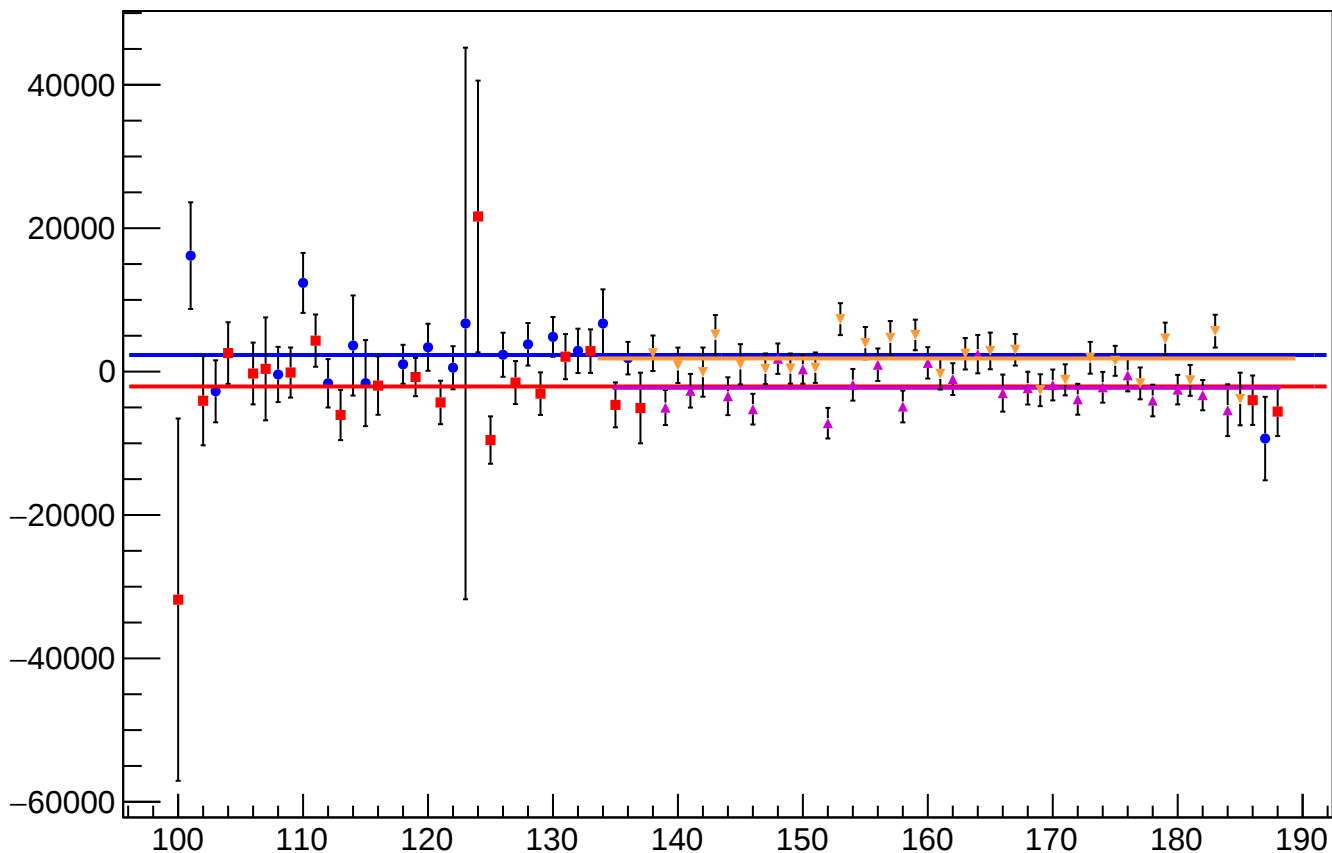
Left In: 475.007 $\pm$ 0.089 χ^2/NDF : 6686201.7/22

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

All: 461.787 $\pm$ 0.061 χ^2/NDF : 15754360.9/50

- sign 480.504 $\pm$ 0.088 χ^2/NDF : 7194935.9/24

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: -2074.158+/-804.781 χ^2/NDF : 22.0/20

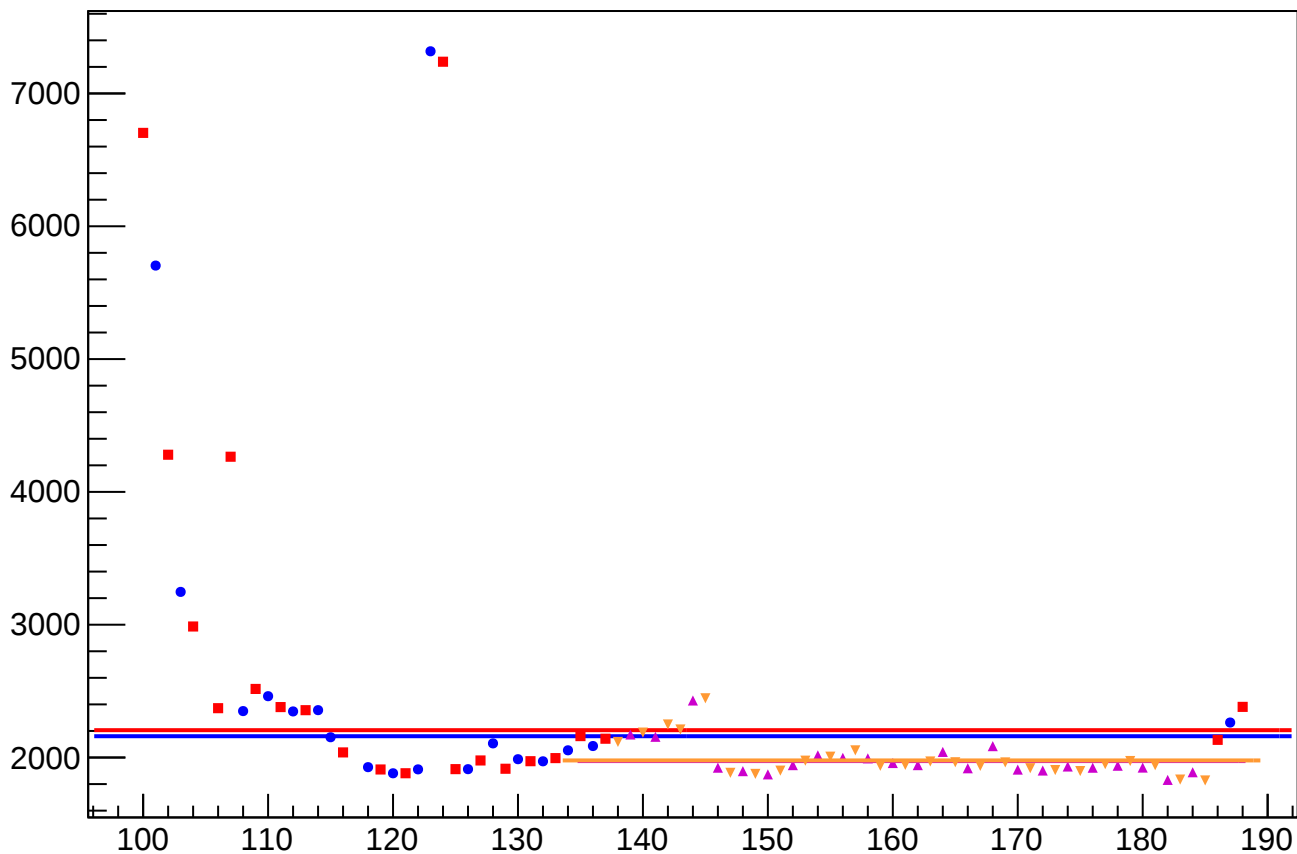
Left In: -2260.178+/-472.324 χ^2/NDF : 26.3/22

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

All: -130.654+/-287.840 χ^2/NDF : 153.3/86

- sign -2212.520+/-407.350 χ^2/NDF : 48.4/43

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: 2205.866+/-0.569 χ^2/NDF : 809328.1/20

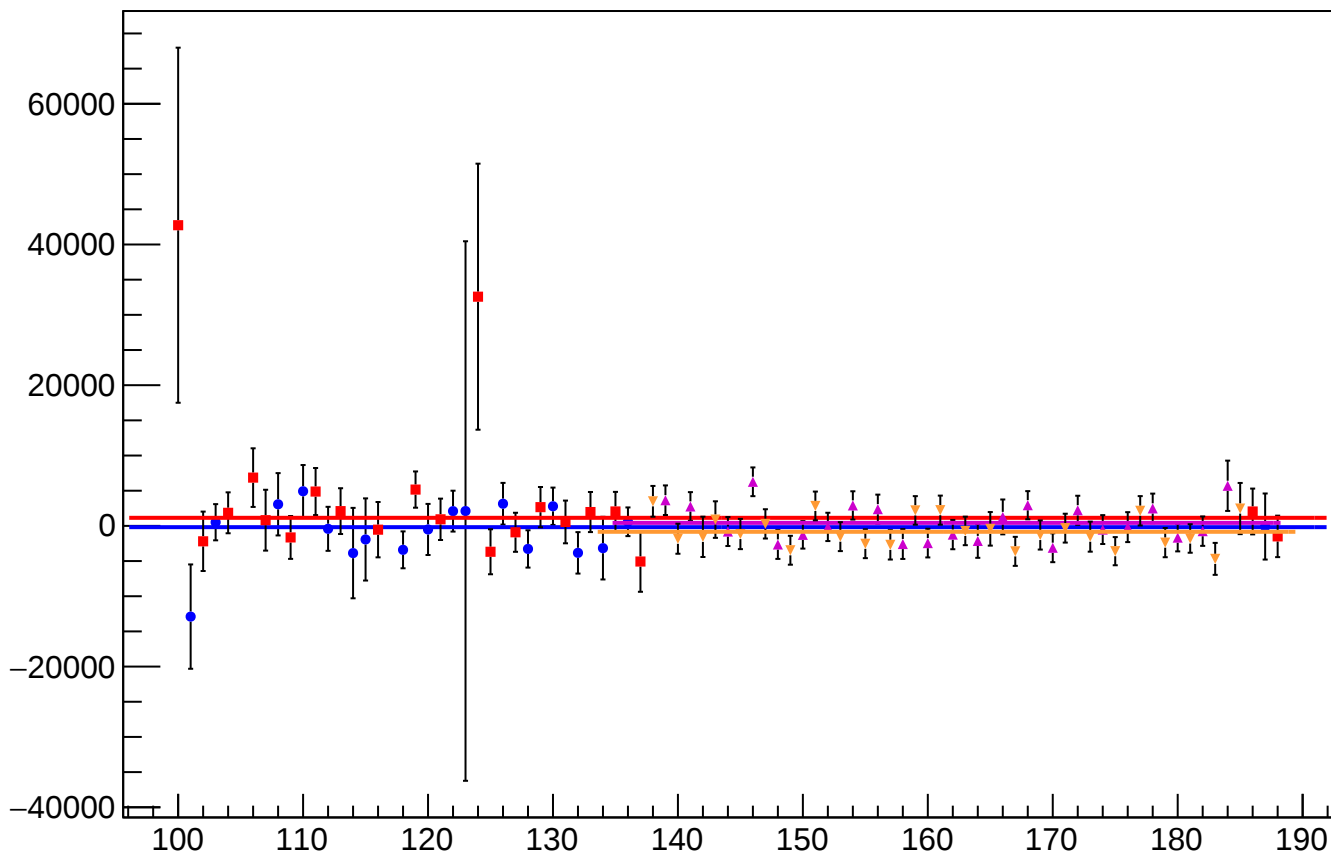
Left In: 1973.216+/-0.334 χ^2/NDF : 120479.3/22

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

All: 2026.454+/-0.204 χ^2/NDF : 1978612.7/80

- sign 2032.822+/-0.288 χ^2/NDF : 1054125.9/43

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: 1147.256 ± 728.232 χ^2/NDF : 19.1/20

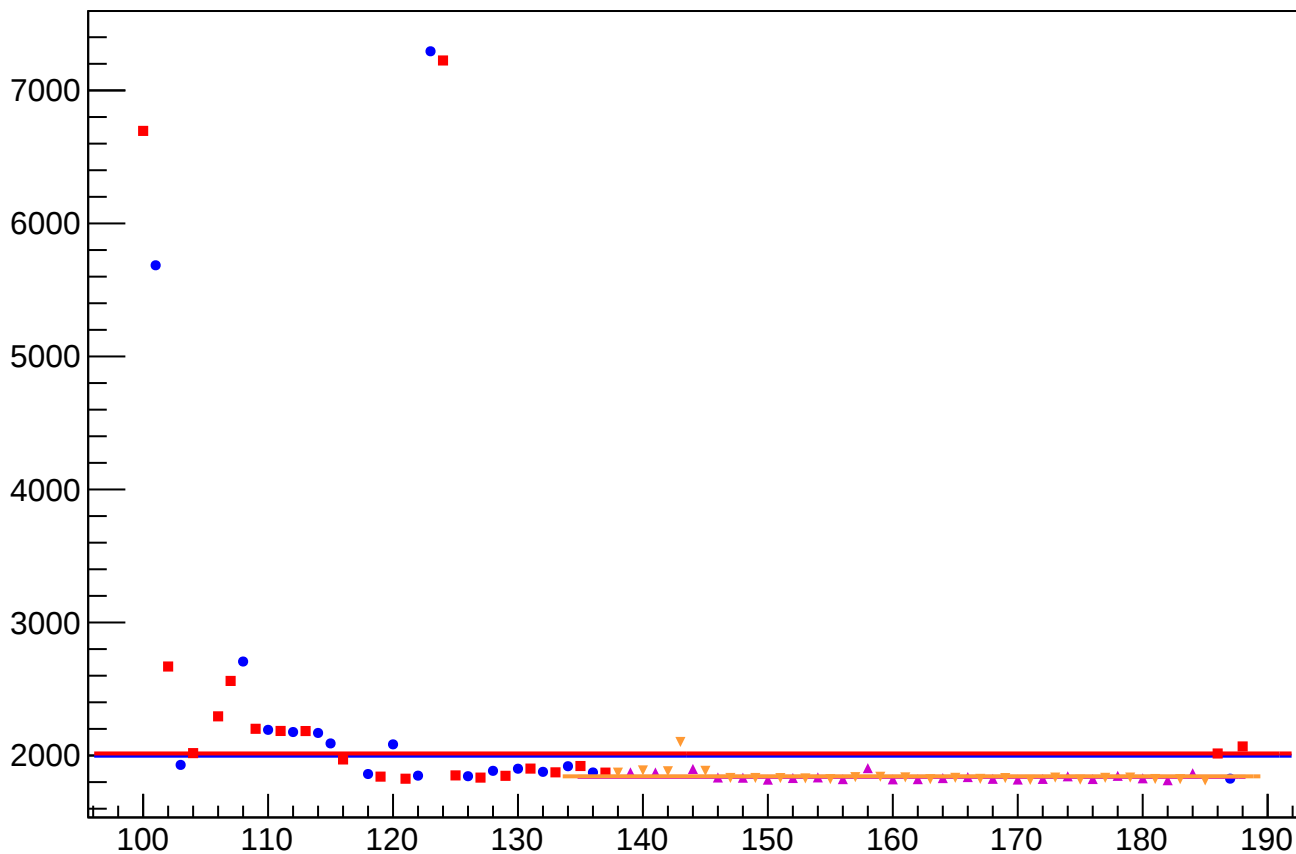
Left In: 428.835 ± 439.548 χ^2/NDF : 33.8/22

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

All: -30.003 ± 266.574 χ^2/NDF : 100.5/86

- sign 620.675 ± 376.313 χ^2/NDF : 53.6/43

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: 2015.399 $\pm$ 0.515 χ^2 /NDF: 378636.6/20

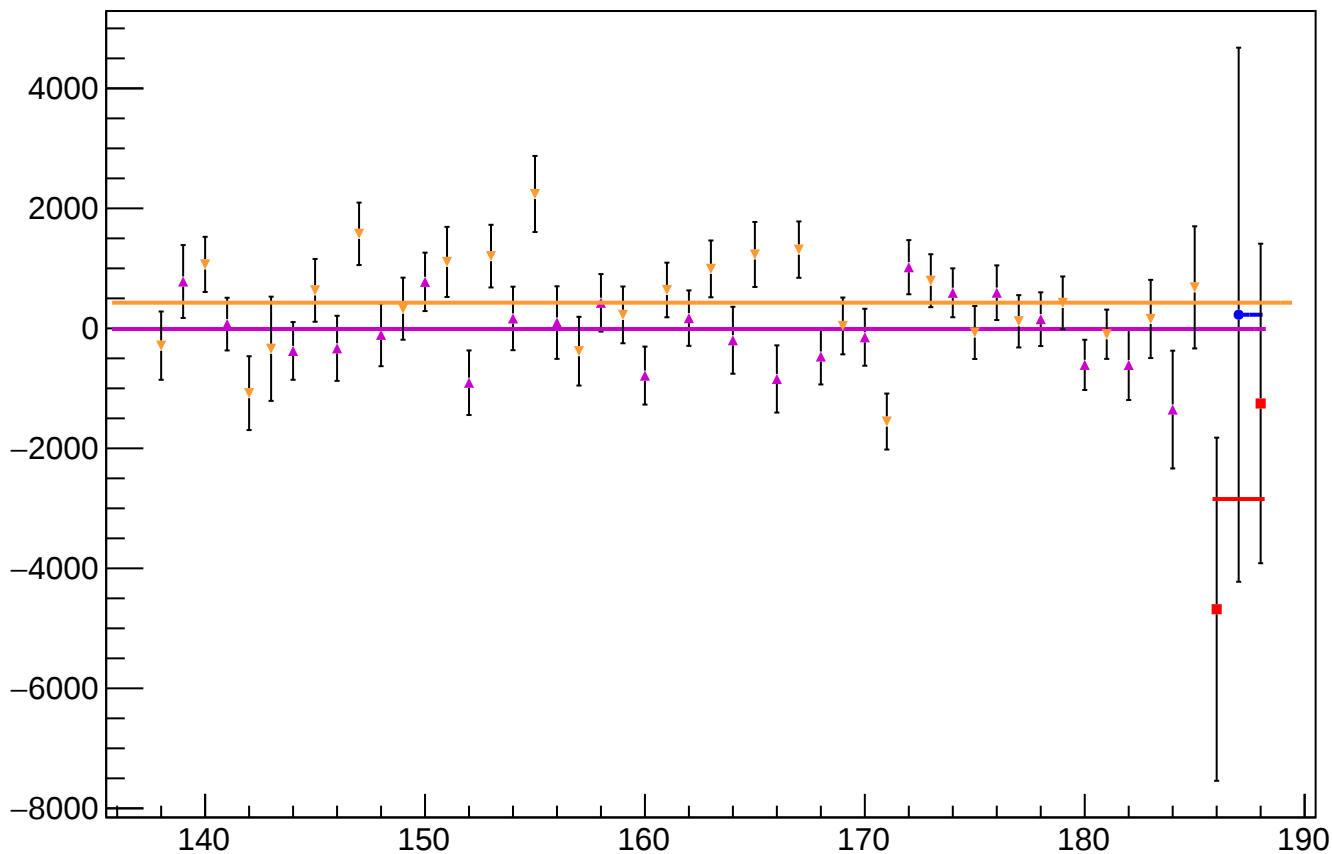
Left In: 1839.374 $\pm$ 0.311 χ^2 /NDF: 6441.8/22

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

All: 1883.029 $\pm$ 0.188 χ^2 /NDF: 1192968.3/86

- sign 1886.378 $\pm$ 0.266 χ^2 /NDF: 470728.5/43

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: -2844.621 $\pm$ 1948.846 χ^2 /NDF: 0.8/1

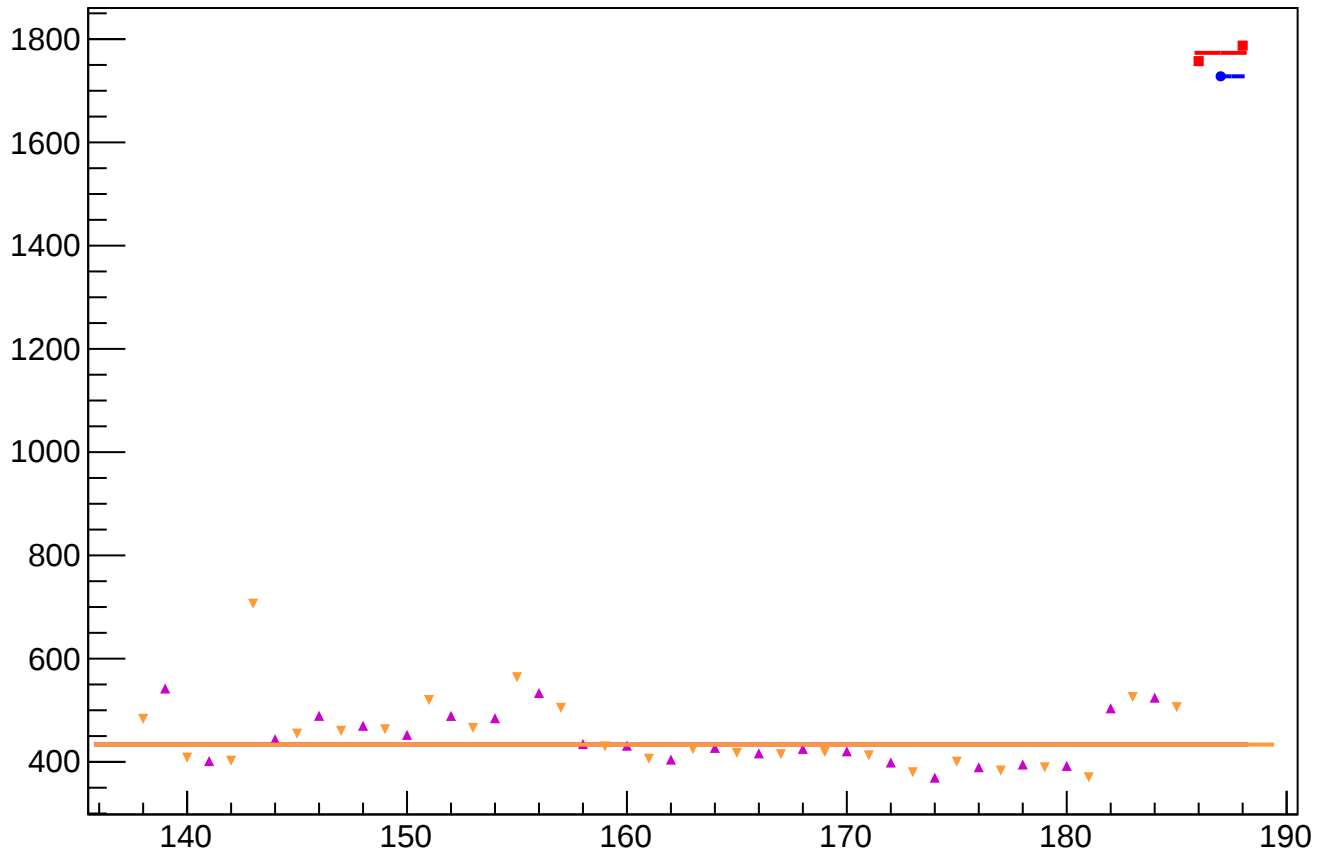
Left In: -10.733 $\pm$ 104.001 χ^2 /NDF:29.4/22

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

All: 208.178 $\pm$ 72.841 χ^2 /NDF: 101.4/50

- sign -18.781 $\pm$ 103.854 χ^2 /NDF: 32.3/24

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: 1773.461+/-1.378 χ^2/NDF : 117.9/1

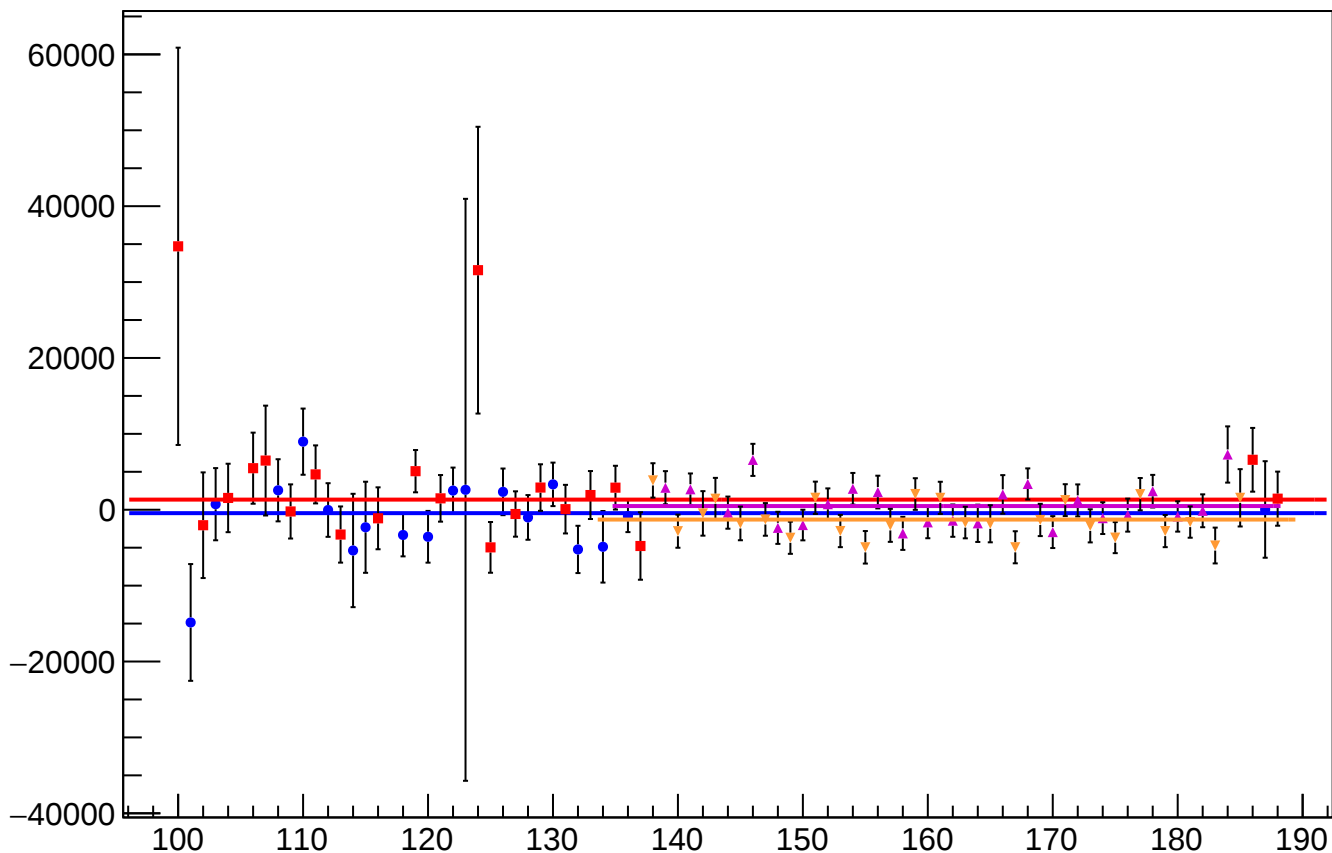
Left In: 433.740+/-0.074 χ^2/NDF : 376130.7/22

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

All: 435.834+/-0.052 χ^2/NDF : 2098656.7/50

- sign 437.545+/-0.073 χ^2/NDF : 1318720.2/24

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: 1335.264 ± 826.130 χ^2/NDF : 18.5/20

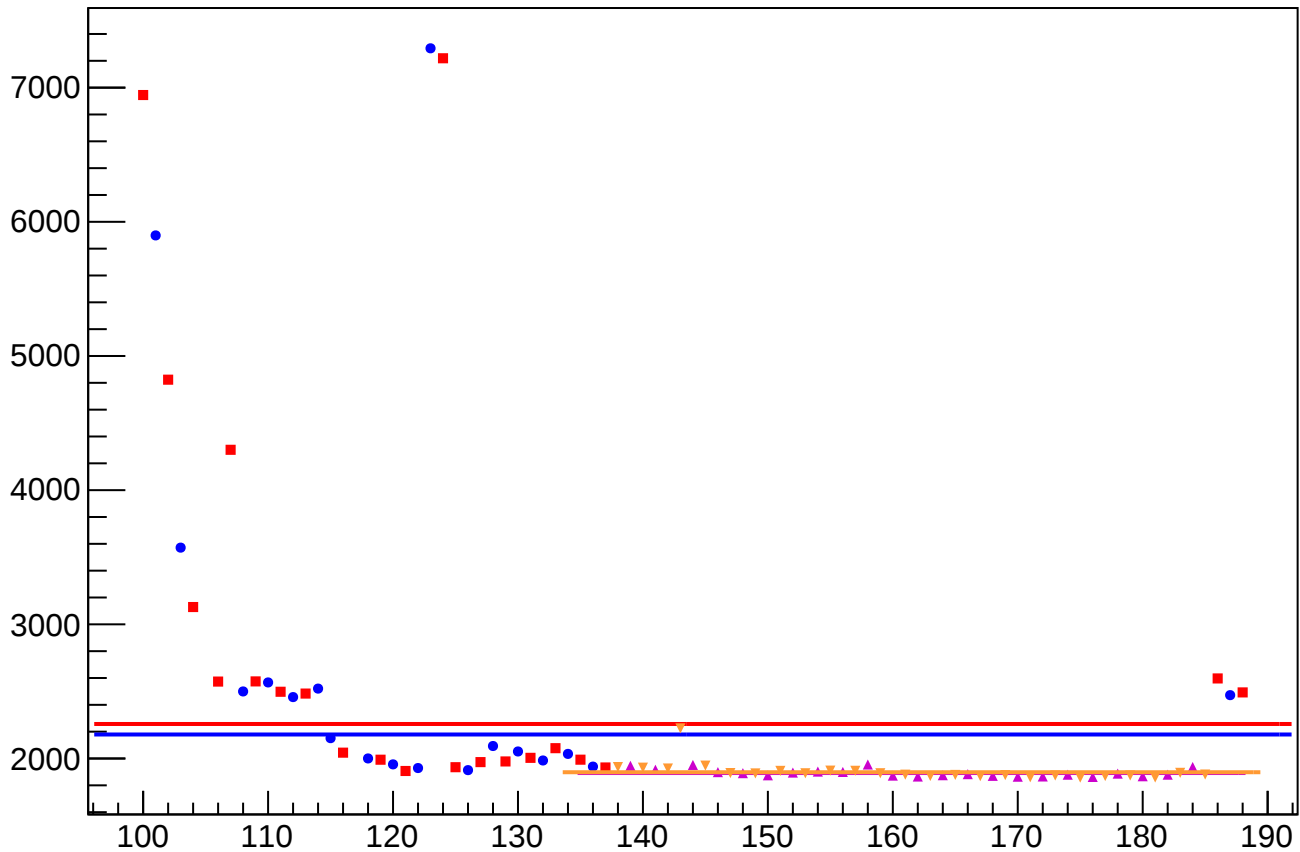
Left In: 485.827 ± 452.020 χ^2/NDF : 32.4/22

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

All: -221.864 ± 279.624 χ^2/NDF : 110.5/86

- sign 681.538 ± 396.543 χ^2/NDF : 51.7/43

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: 2257.285+/-0.584 χ^2/NDF : 919784.2/20

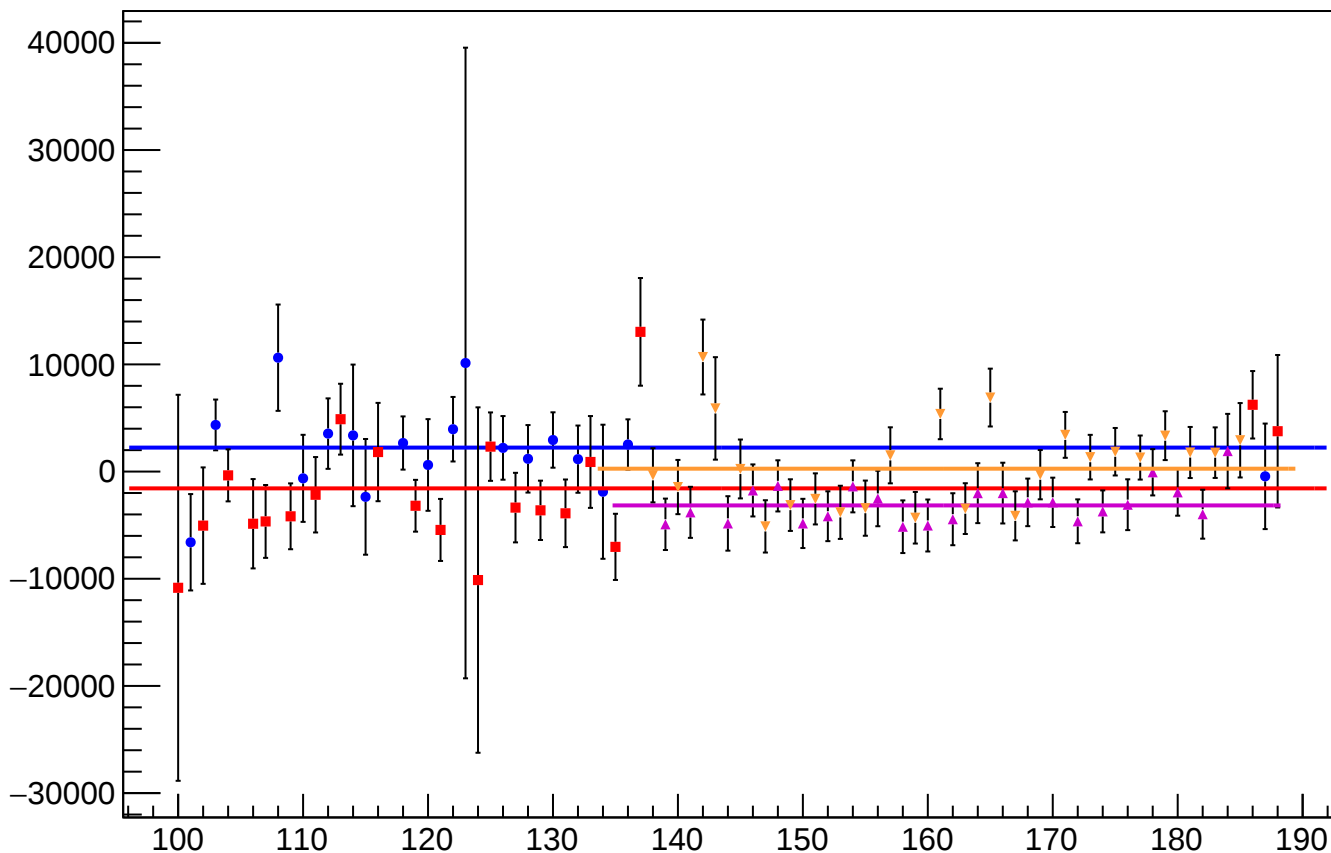
Left In: 1891.722+/-0.320 χ^2/NDF : 7584.2/22

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

All: 1966.521+/-0.198 χ^2/NDF : 2245545.3/80

- sign 1975.948+/-0.280 χ^2/NDF : 1228755.5/43

dit_asym_at2_avg_mean vs Slug



Right In: 2236.343 $\pm$ 810.703 χ^2 /NDF: 10.5/17

Left Out: 268.346 $\pm$ 492.855 χ^2 /NDF: 51.0/24

Right Out: -1568.109 $\pm$ 763.563 χ^2 /NDF: 31.5/20

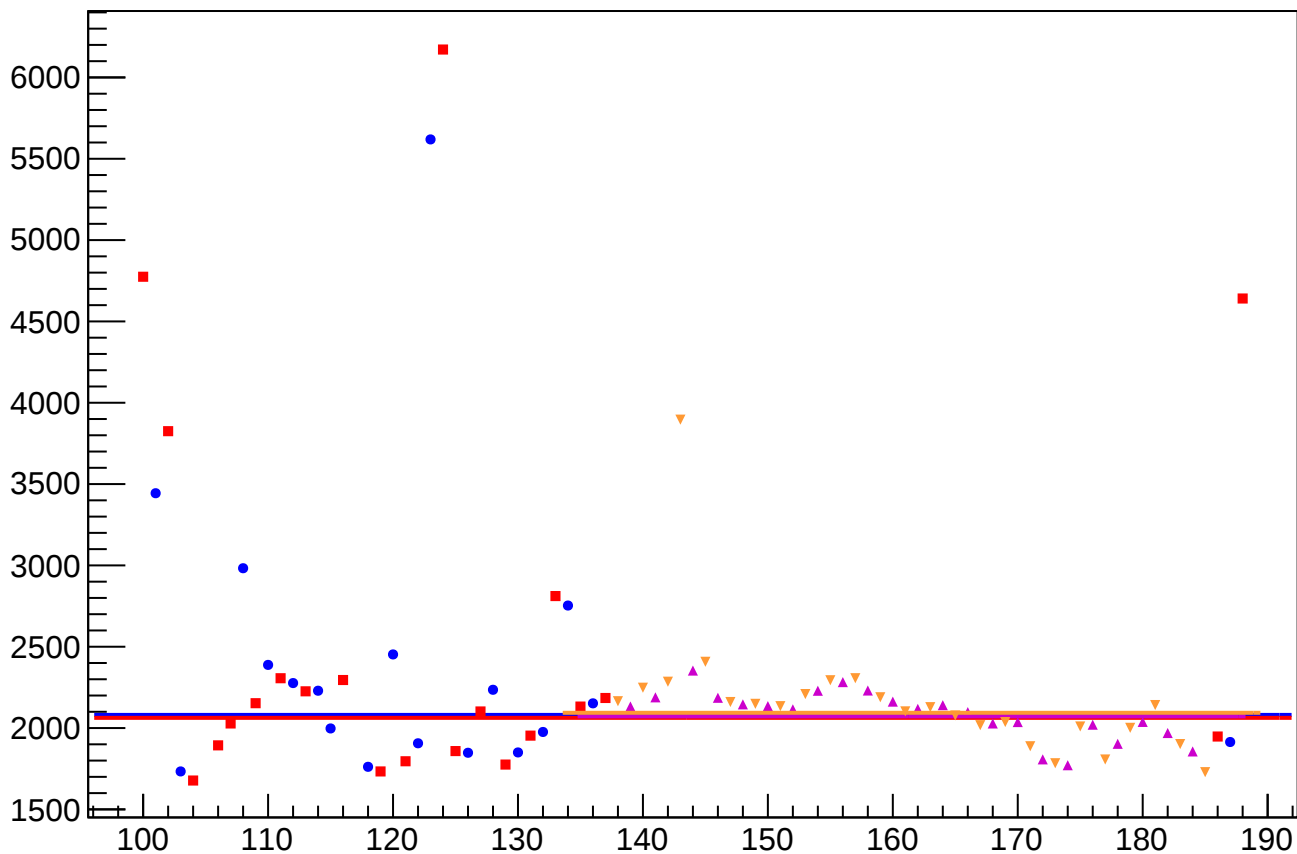
Left In: -3158.539 $\pm$ 495.573 χ^2 /NDF: 10.4/22

+ sign 799.414 $\pm$ 421.138 χ^2 /NDF: 65.9/42

All: -966.550 $\pm$ 295.846 χ^2 /NDF: 145.6/86

- sign -2687.156 $\pm$ 415.695 χ^2 /NDF: 45.0/43

dit_asym_at2_avg_rms vs Slug



Right In: 2080.825+/-0.573 χ^2/NDF : 459419.8/17

Left Out: 2093.807+/-0.349 χ^2/NDF : 509405.6/24

Right Out: 2062.742+/-0.540 χ^2/NDF : 876621.4/20

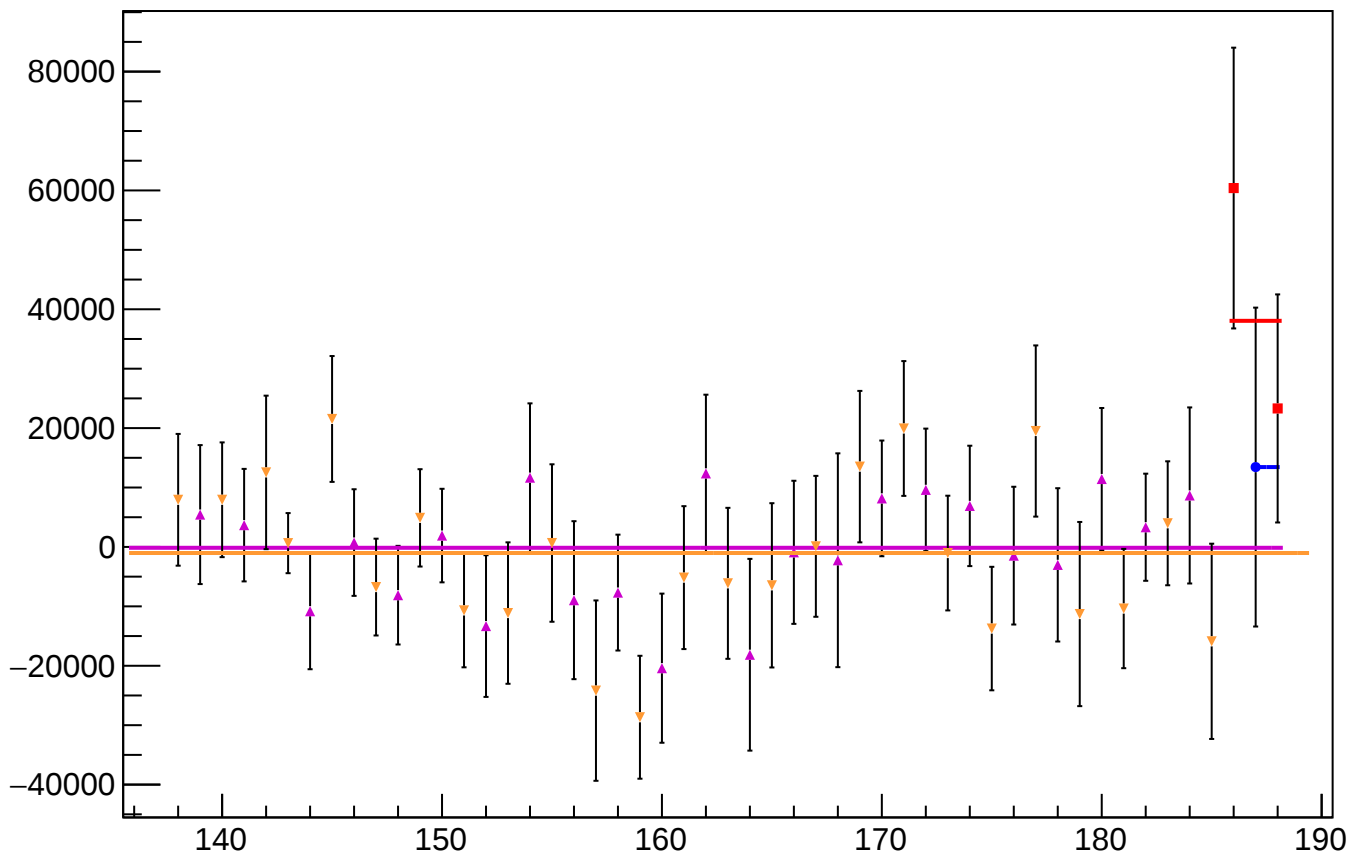
Left In: 2071.878+/-0.350 χ^2/NDF : 181281.6/22

+ sign 2090.304+/-0.298 χ^2/NDF : 969199.9/42

All: 2079.599+/-0.209 χ^2/NDF : 2029855.8/80

- sign 2069.170+/-0.294 χ^2/NDF : 1058104.6/43

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: 38054.609 $\pm$ 14897.285 χ^2 /NDF: 1.5/1

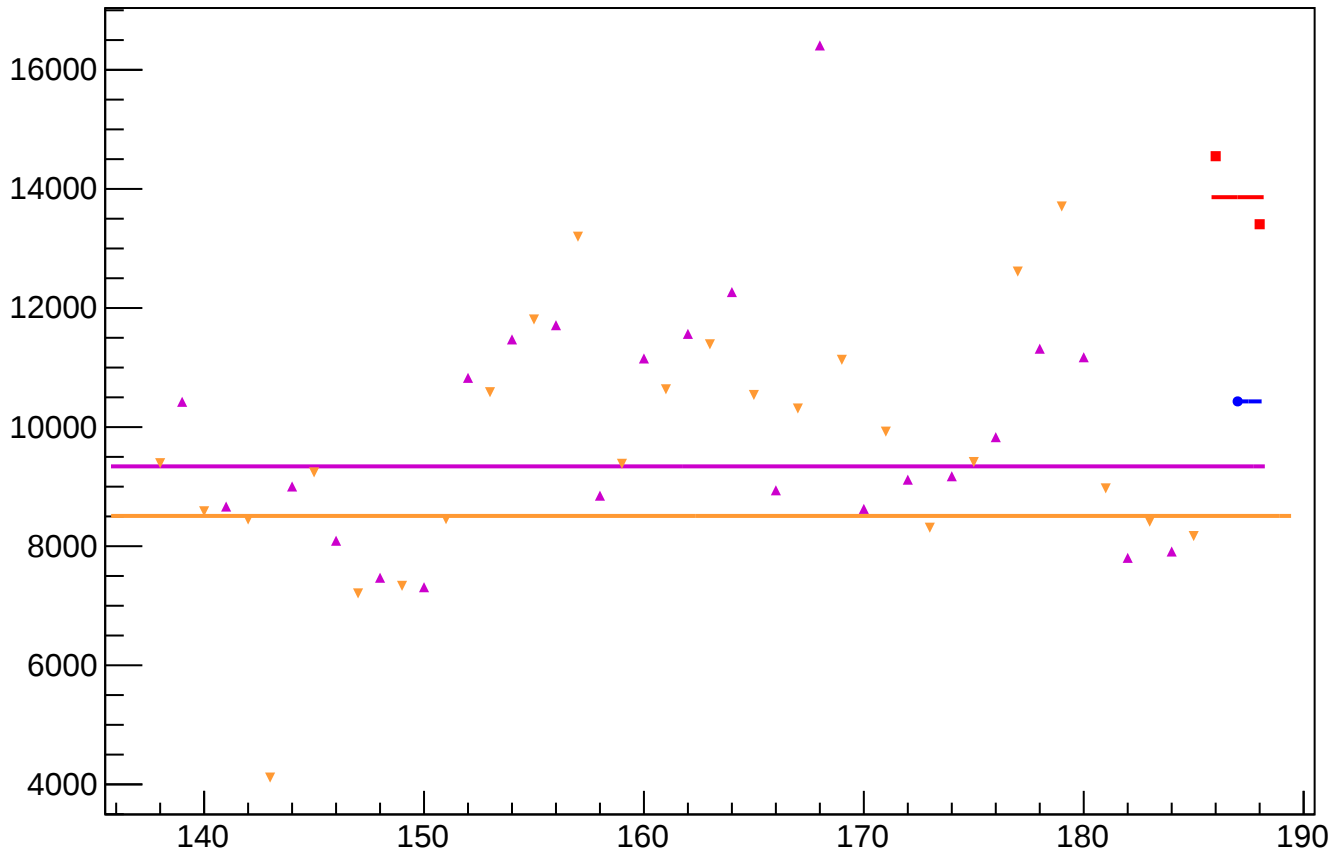
Left In: -143.328 $\pm$ 2267.278 χ^2 /NDF:14.1/22

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

All: -171.147 $\pm$ 1521.881 χ^2 /NDF: 53.1/50

- sign 721.422 $\pm$ 2241.467 χ^2 /NDF: 22.0/24

asym_at2_avg_correction_rms vs Slug



Right In: 10431.753+/-18.976 χ^2/NDF : 0.0/0

Left Out: 8508.371+/-1.470 χ^2/NDF : 2793100.6/24

Right Out: 13861.389+/-10.534 χ^2/NDF : 2817.5/1

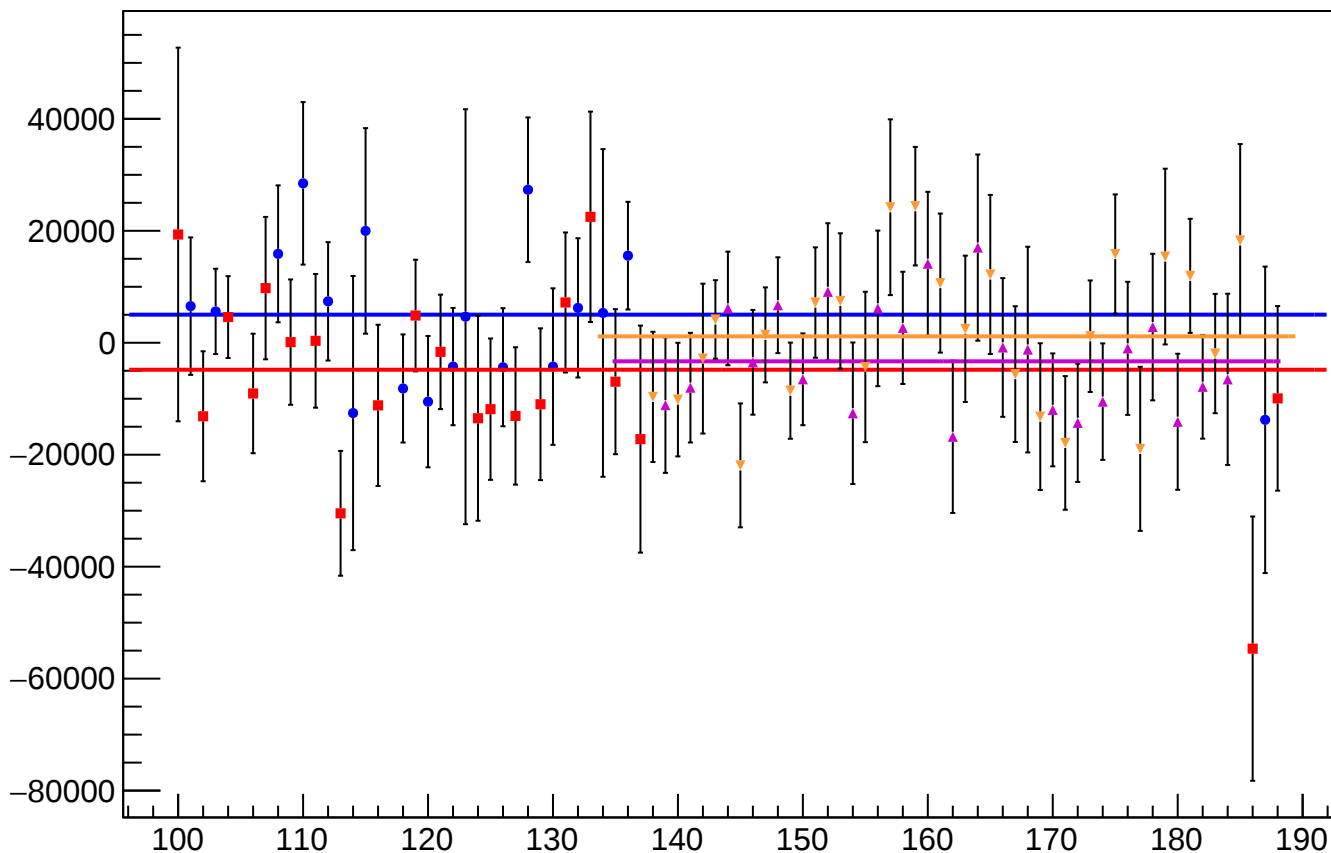
Left In: 9340.671+/-1.603 χ^2/NDF : 1122275.5/22

+ sign 8519.848+/-1.466 χ^2/NDF : 2803313.2/25

All: 8945.423+/-1.076 χ^2/NDF : 4291270.9/50

- sign 9443.014+/-1.585 χ^2/NDF : 1305098.5/24

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: -4818.818 $\pm$ 2732.807 χ^2 /NDF: 20.3/20

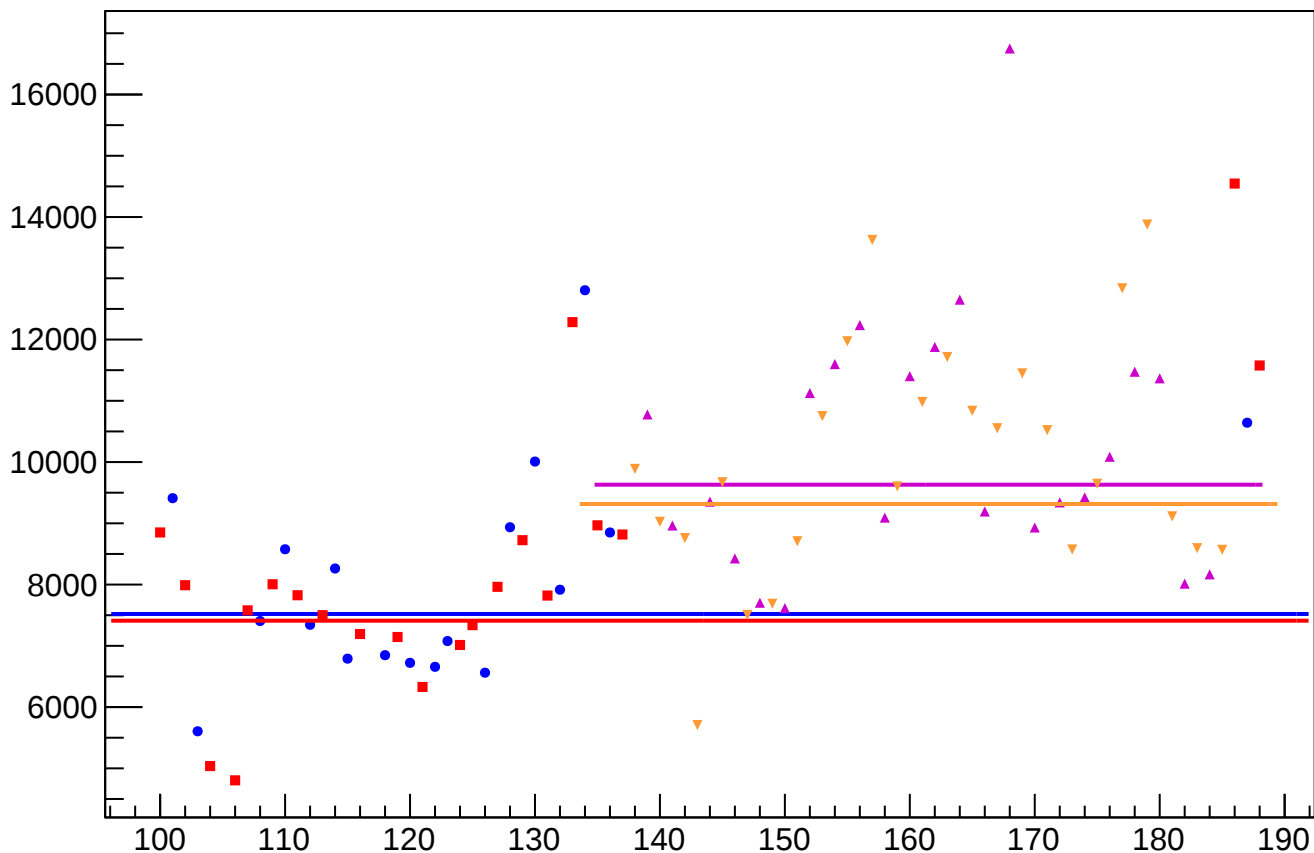
Left In: -3316.960 $\pm$ 2336.196 χ^2 /NDF:13.4/22

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

All: -690.530 $\pm$ 1255.569 χ^2 /NDF: 84.5/86

- sign -3951.095 $\pm$ 1775.765 χ^2 /NDF: 33.9/43

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: 7410.410+/-1.932 χ^2/NDF : 881501.2/20

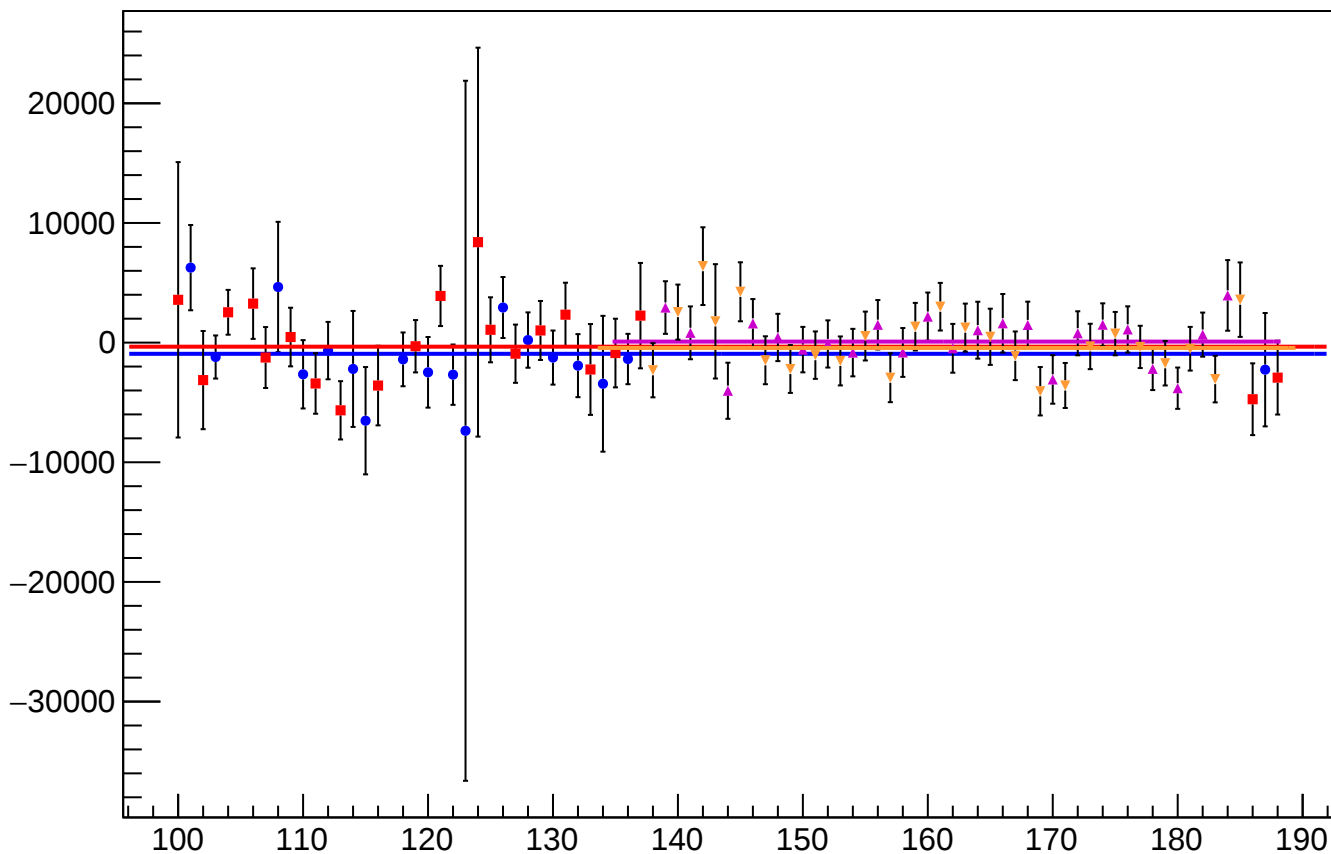
Left In: 9630.345+/-1.652 χ^2/NDF :1074643.5/22

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

All: 8674.302+/-0.888 χ^2/NDF : 5156178.8/80

- sign 8692.880+/-1.256 χ^2/NDF : 2718762.0/43

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: -339.875+/-615.301 χ^2 /NDF: 20.1/20

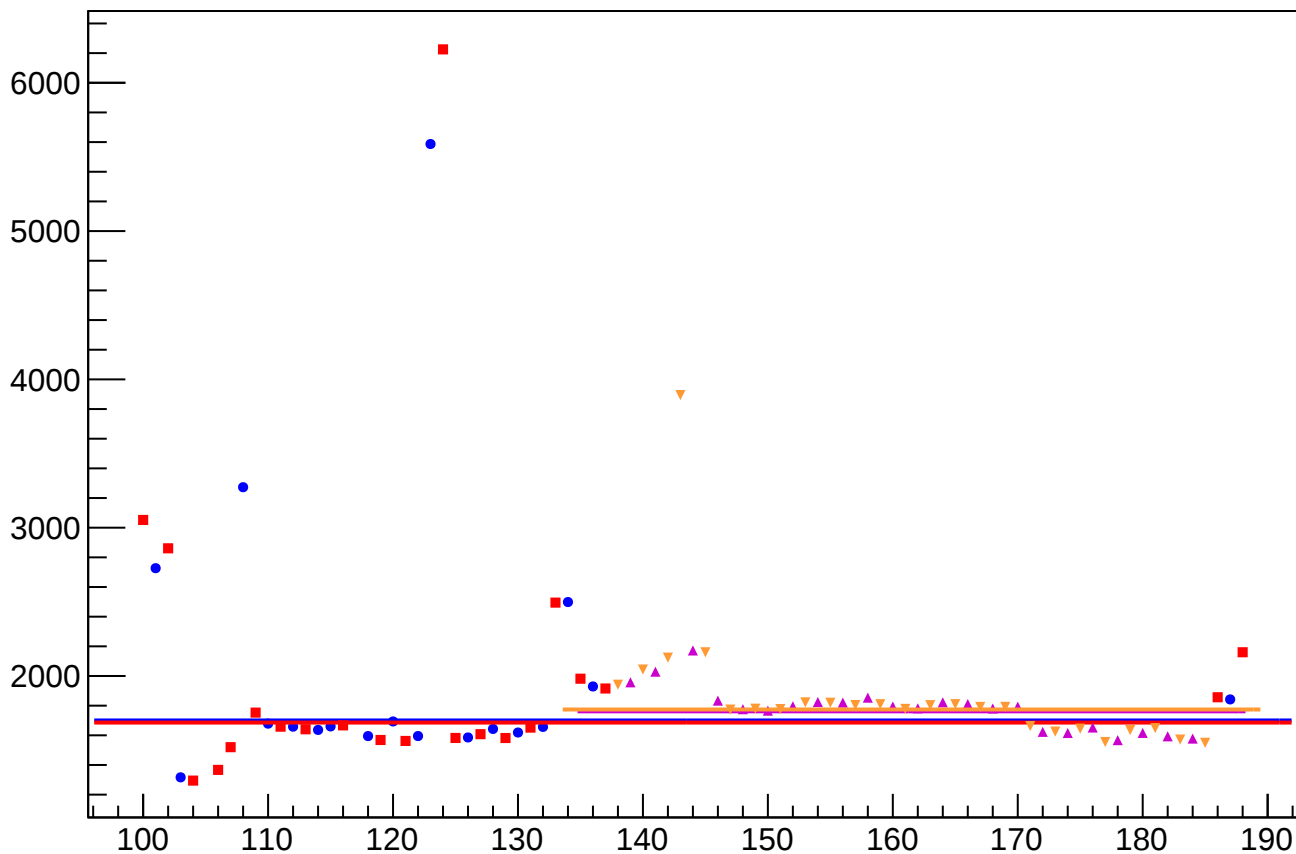
Left In: 85.195+/-421.350 χ^2 /NDF:20.7/22

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

All: -312.747+/-247.993 χ^2 /NDF: 82.6/86

- sign -50.501+/-347.650 χ^2 /NDF: 41.1/43

dit_asym_at2_dd_rms vs Slug



Right In: 1700.091 $\pm$ 0.470 χ^2 /NDF: 541559.3/17

Left Out: 1774.084 $\pm$ 0.296 χ^2 /NDF: 621530.1/24

Right Out: 1686.064 $\pm$ 0.435 χ^2 /NDF: 660571.9/20

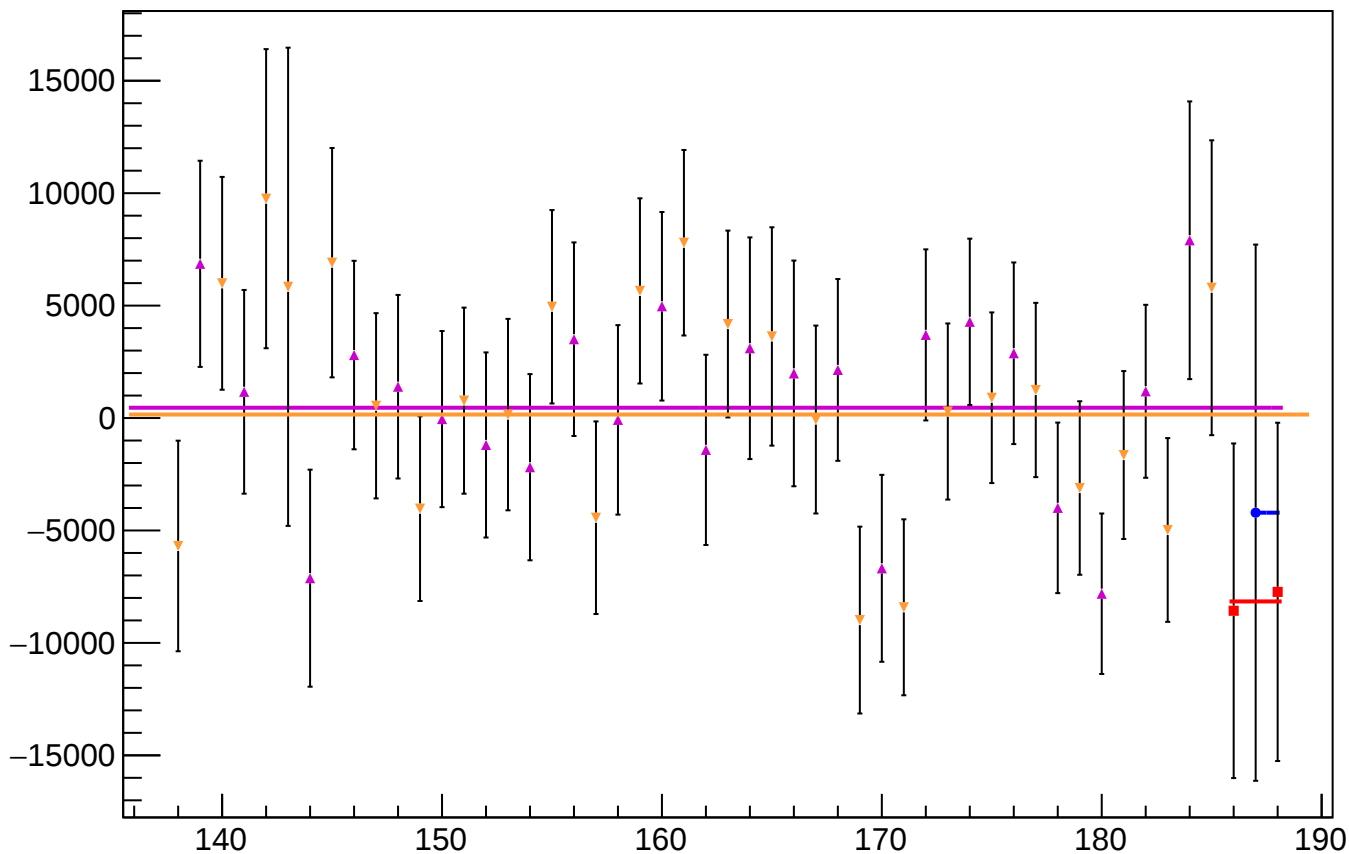
Left In: 1761.787 $\pm$ 0.298 χ^2 /NDF: 214639.5/22

+ sign 1753.115 $\pm$ 0.250 χ^2 /NDF: 1180848.2/42

All: 1745.227 $\pm$ 0.175 χ^2 /NDF: 2078633.7/80

- sign 1737.614 $\pm$ 0.246 χ^2 /NDF: 895832.6/43

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: -8155.384 ± 5289.811 χ^2/NDF : 0.0/1

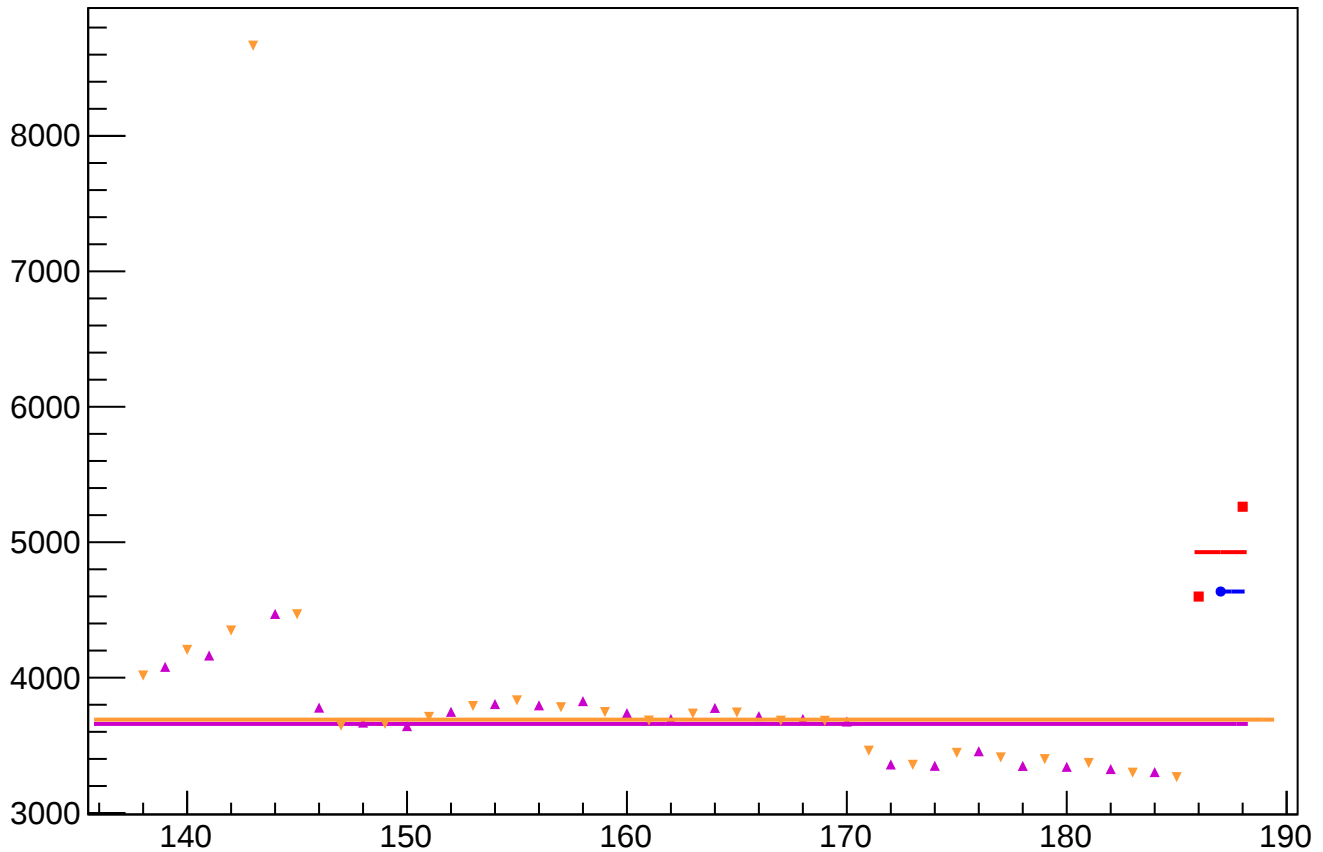
Left In: 458.566 ± 874.634 χ^2/NDF : 21.2/22

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

All: 181.474 ± 611.713 χ^2/NDF : 54.2/50

- sign 229.341 ± 862.918 χ^2/NDF : 23.8/24

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: 4926.790+/-3.740 χ^2/NDF : 7858.7/1

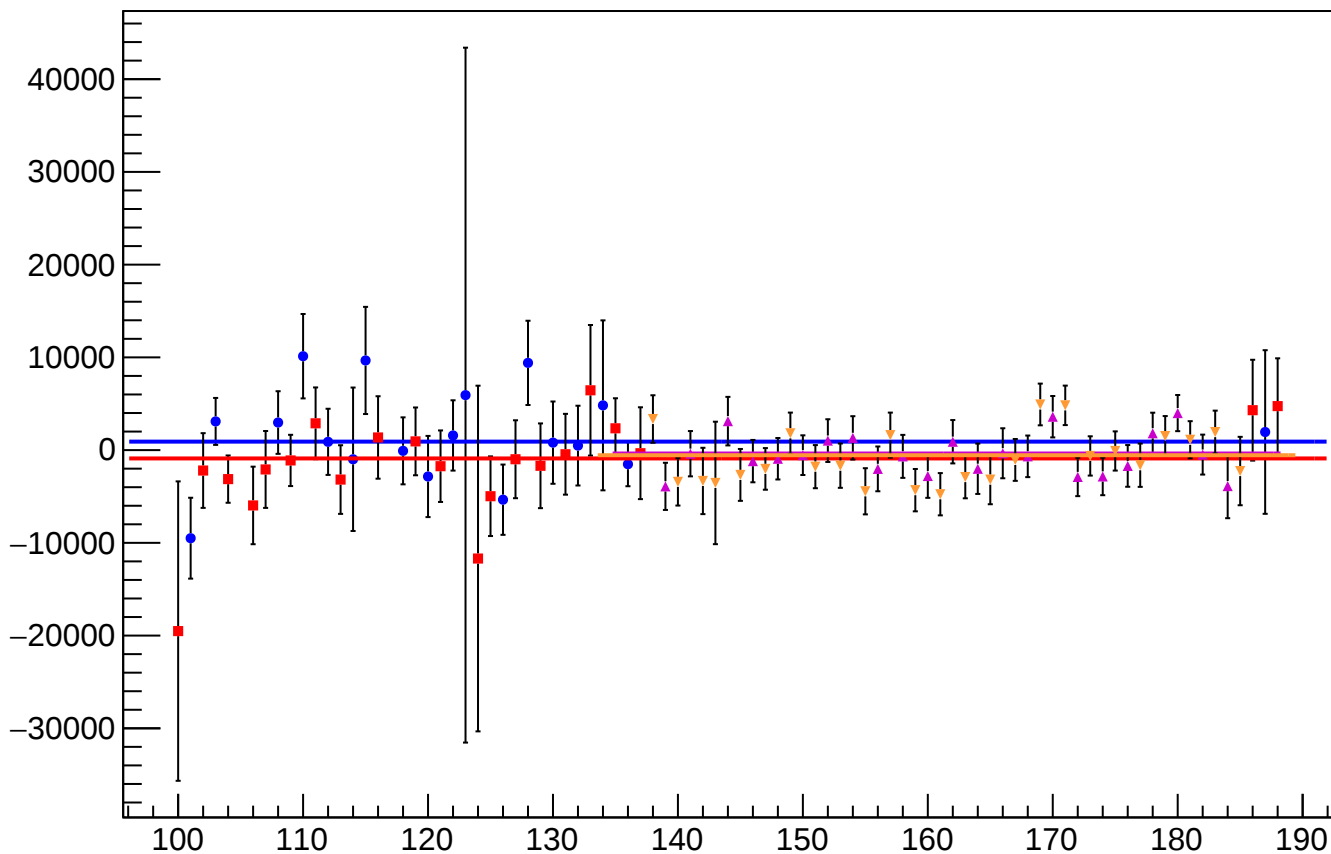
Left In: 3658.346+/-0.618 χ^2/NDF : 193399.4/22

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

All: 3693.582+/-0.433 χ^2/NDF : 961667.2/50

- sign 3692.101+/-0.610 χ^2/NDF : 313196.4/24

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: -898.618 ± 897.978 χ^2/NDF : 11.2/20

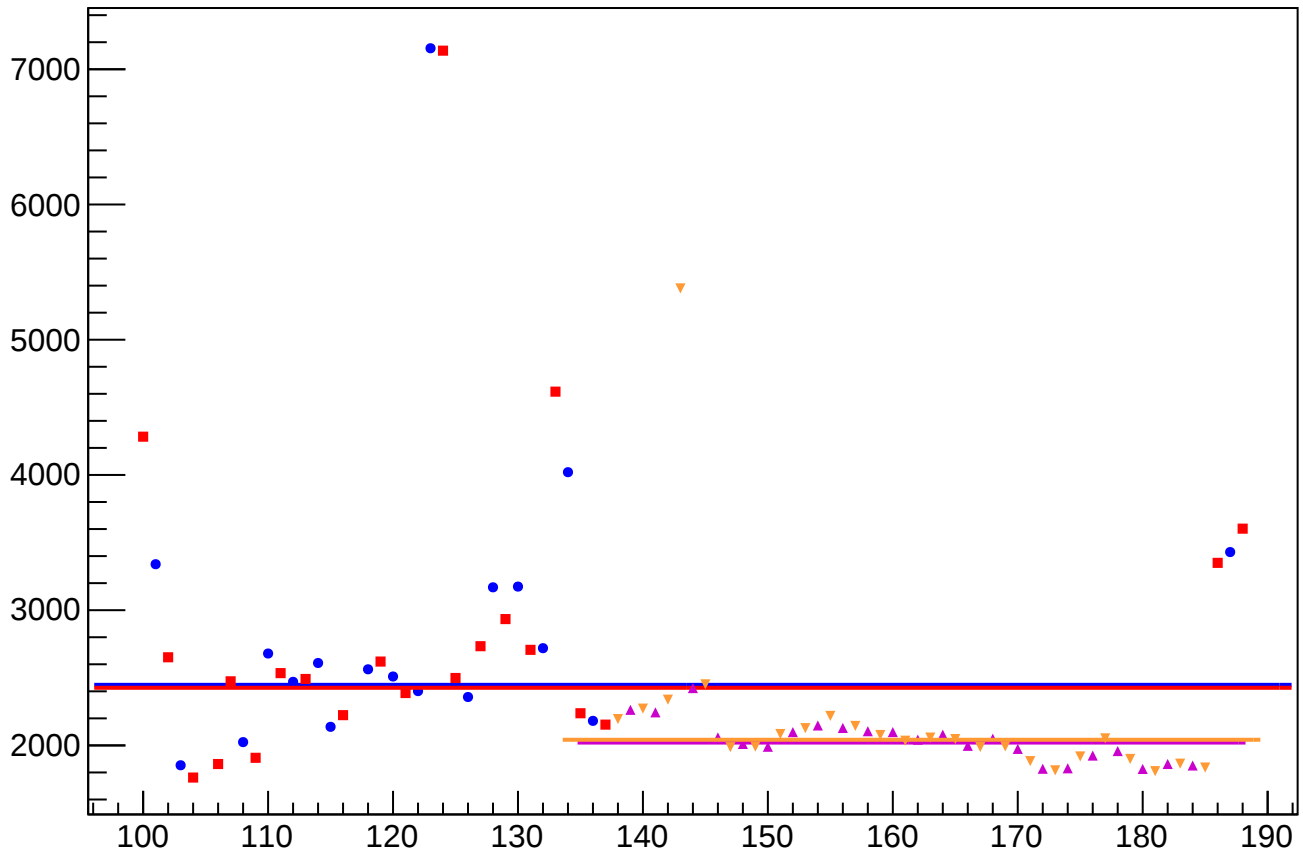
Left In: -366.243 ± 483.092 χ^2/NDF : 20.5/22

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

All: -371.427 ± 302.481 χ^2/NDF : 89.6/86

- sign -485.739 ± 425.435 χ^2/NDF : 32.0/43

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: 2426.200+/-0.635 χ^2/NDF : 827591.2/20

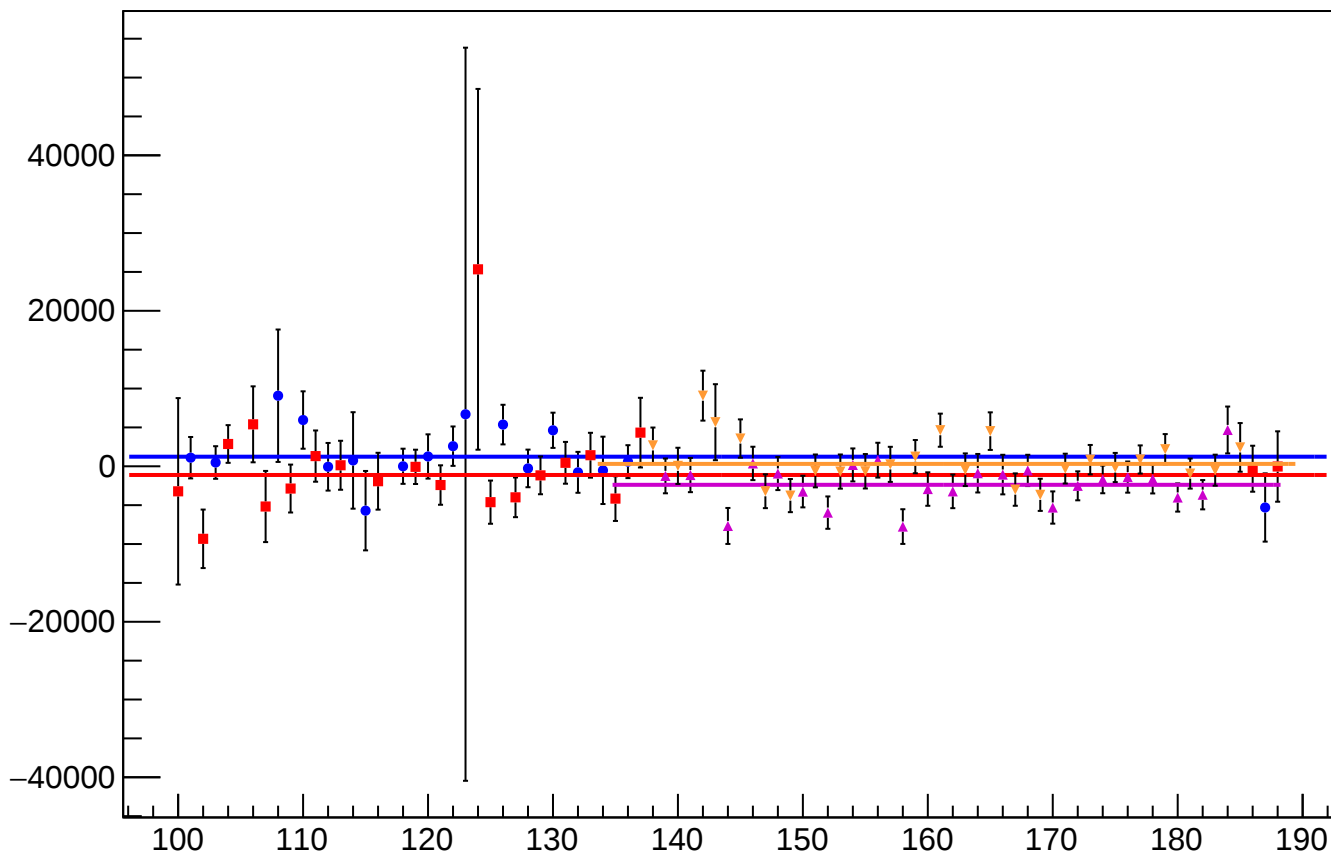
Left In: 2021.065+/-0.342 χ^2/NDF : 178726.2/22

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

All: 2117.917+/-0.214 χ^2/NDF : 2811081.1/80

- sign 2112.001+/-0.301 χ^2/NDF : 1322040.0/43

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: -1117.494 $\pm$ 687.173 χ^2 /NDF: 19.6/20

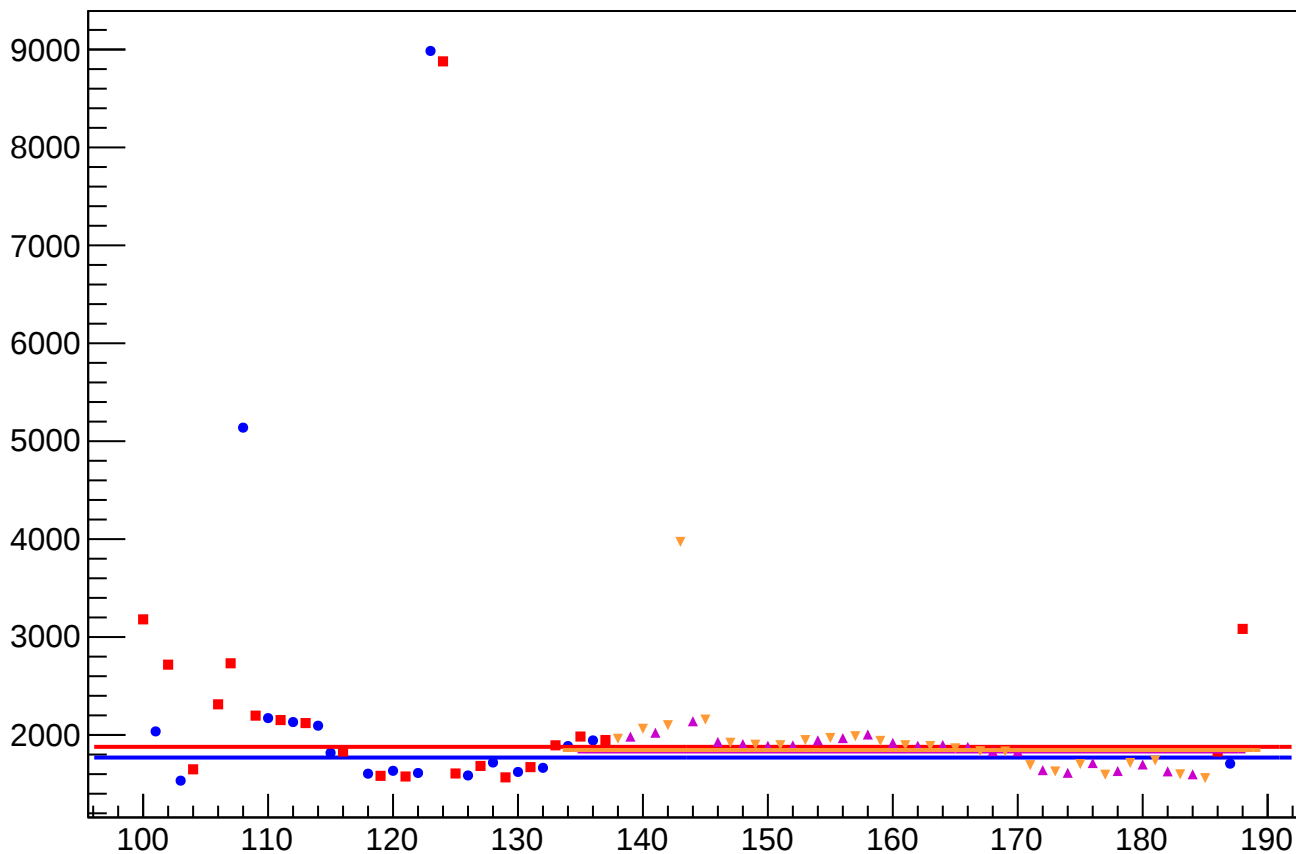
Left In: -2383.232 $\pm$ 438.943 χ^2 /NDF: 31.3/22

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

All: -717.882 $\pm$ 261.082 χ^2 /NDF: 127.1/86

- sign -2016.441 $\pm$ 369.916 χ^2 /NDF: 53.3/43

dit_asym_atl_avg_rms vs Slug



Right In: 1769.376+/-0.489 χ^2/NDF : 524001.9/17

Left Out: 1846.193+/-0.308 χ^2/NDF : 626949.3/24

Right Out: 1878.592+/-0.485 χ^2/NDF : 742940.9/20

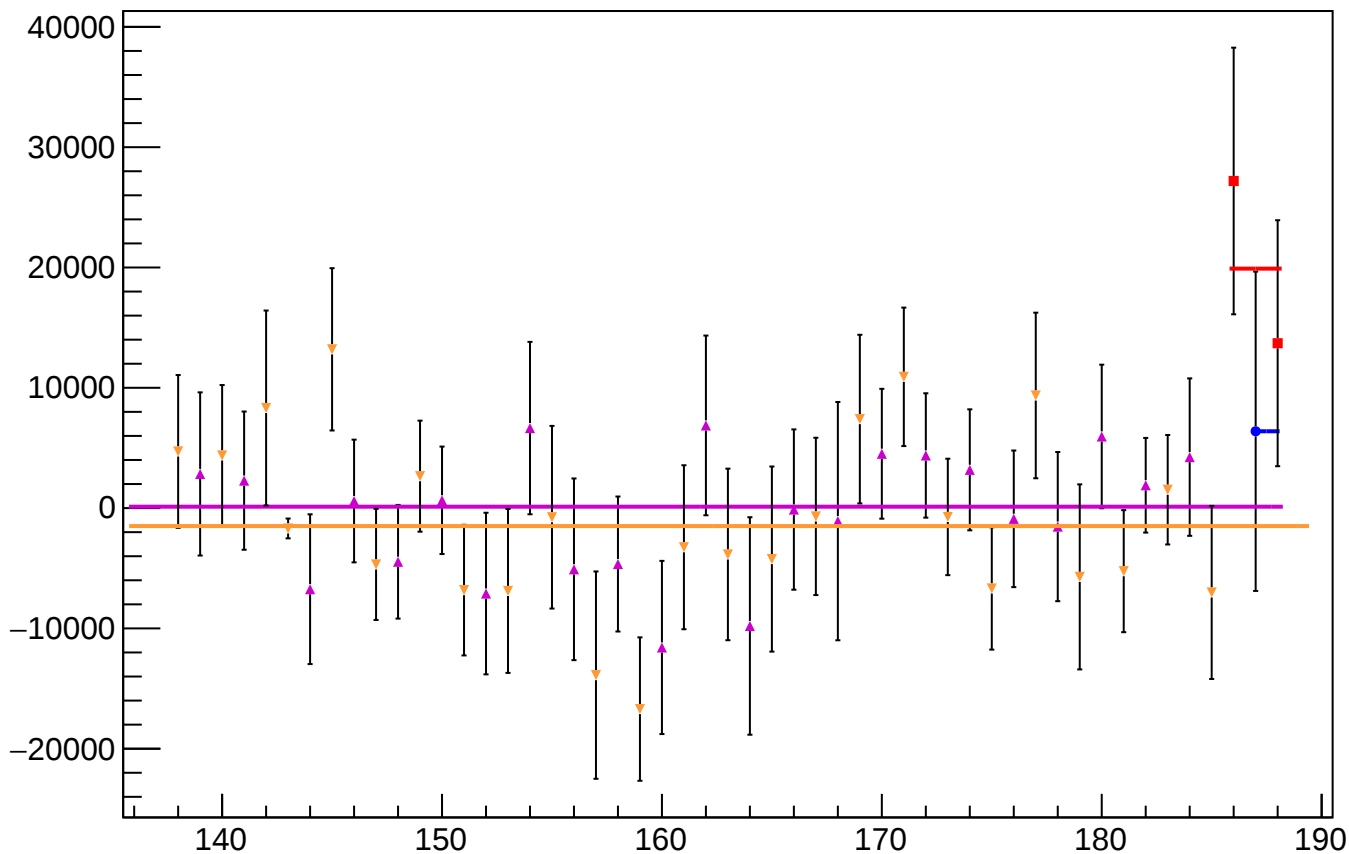
Left In: 1831.219+/-0.310 χ^2/NDF : 229043.3/22

+ sign 1824.342+/-0.261 χ^2/NDF : 1168636.9/42

All: 1834.620+/-0.185 χ^2/NDF : 2150503.8/86

- sign 1844.968+/-0.261 χ^2/NDF : 978745.4/43

asym_atl_avg_correction_mean vs Slug



Right In: 6386.349 ± 13272.240 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1493.254 ± 684.837 $\chi^2/\text{NDF}: 31.7/24$

Right Out: 19905.157 ± 7514.257 $\chi^2/\text{NDF}: 0.8/1$

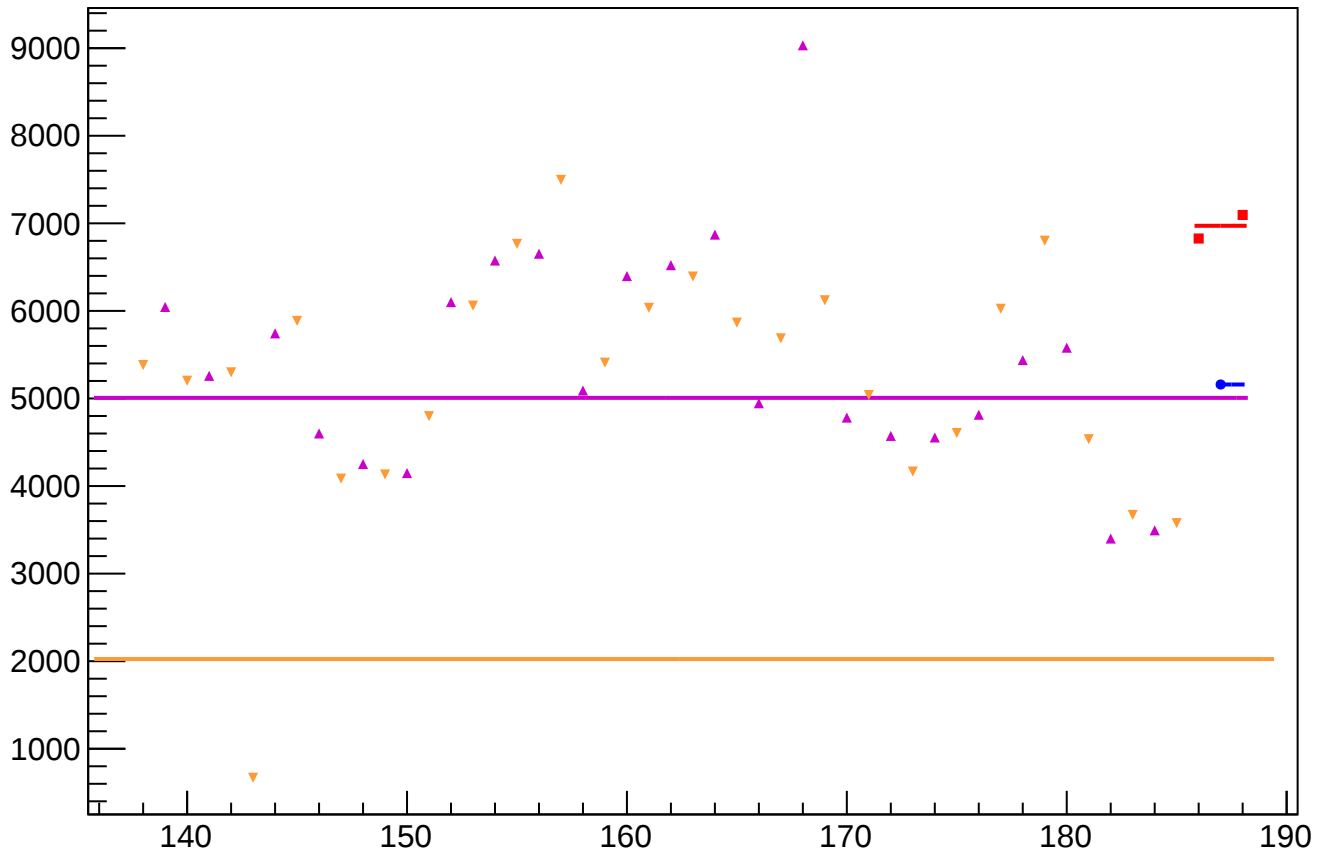
Left In: 118.284 ± 1222.854 $\chi^2/\text{NDF}: 13.7/22$

+ sign -1472.330 ± 683.927 $\chi^2/\text{NDF}: 32.0/25$

All: -961.658 ± 595.037 $\chi^2/\text{NDF}: 55.6/50$

- sign 628.792 ± 1206.976 $\chi^2/\text{NDF}: 21.3/24$

asym_atl_avg_correction_rms vs Slug



Right In: 5159.612 $\pm$ 9.385 χ^2 /NDF: 0.0/0

Left Out: 2024.652 $\pm$ 0.484 χ^2 /NDF:18819780.3/24

Right Out: 6971.866 $\pm$ 5.313 χ^2 /NDF: 636.5/1

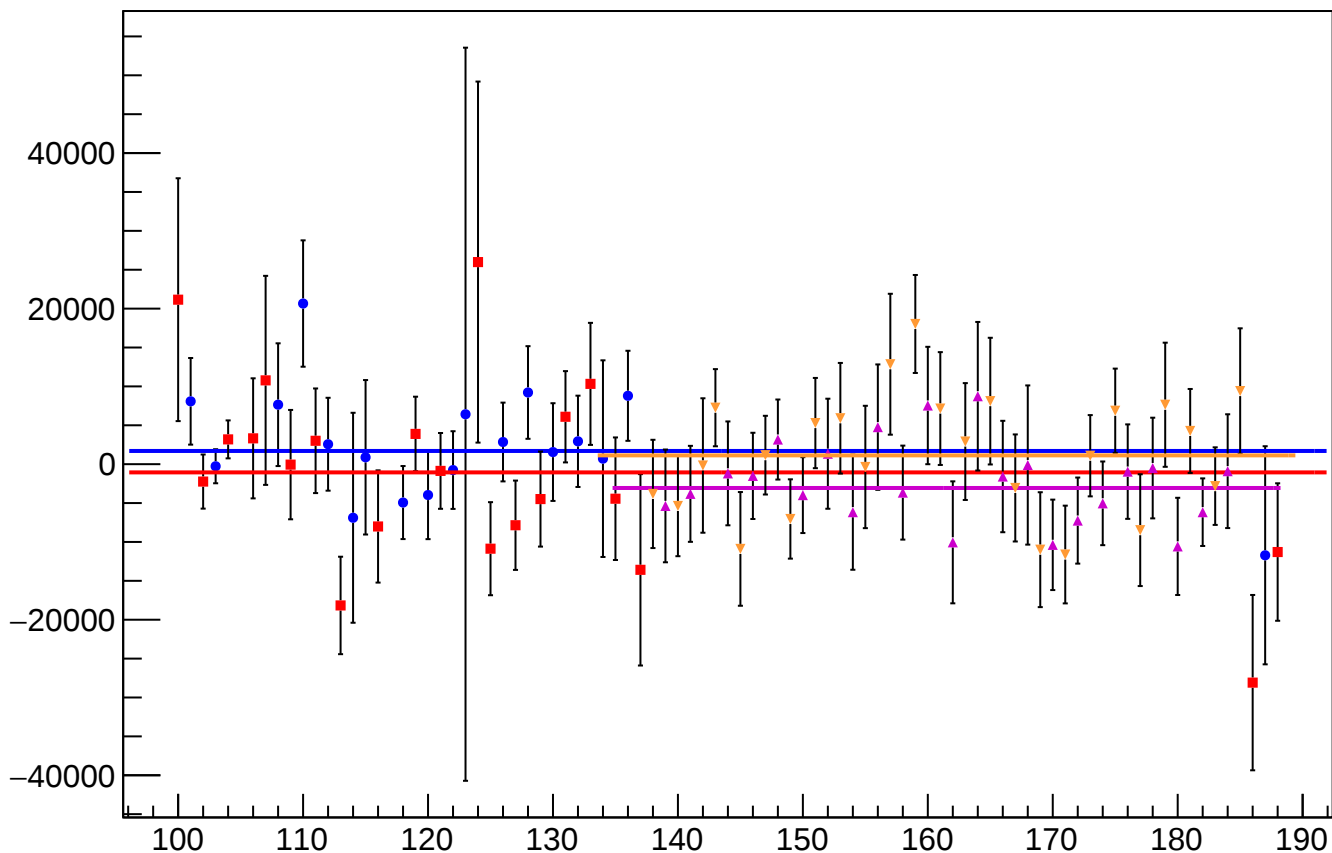
Left In: 5006.911 $\pm$ 0.865 χ^2 /NDF:1537926.5/22

+ sign 2032.976 $\pm$ 0.484 χ^2 /NDF: 18931068.9/25

All: 2768.105 $\pm$ 0.421 χ^2 /NDF: 30109918.8/5

- sign 5057.607 $\pm$ 0.853 χ^2 /NDF: 1671795.9/24

asym_atl_avg_mean vs Slug



Right In: 1698.744+/-1295.744 χ^2/NDF : 15.9/17

Left Out: 1132.501+/-1280.211 χ^2/NDF : 32.5/24

Right Out: -1057.016+/-1264.636 χ^2/NDF : 33.8/20

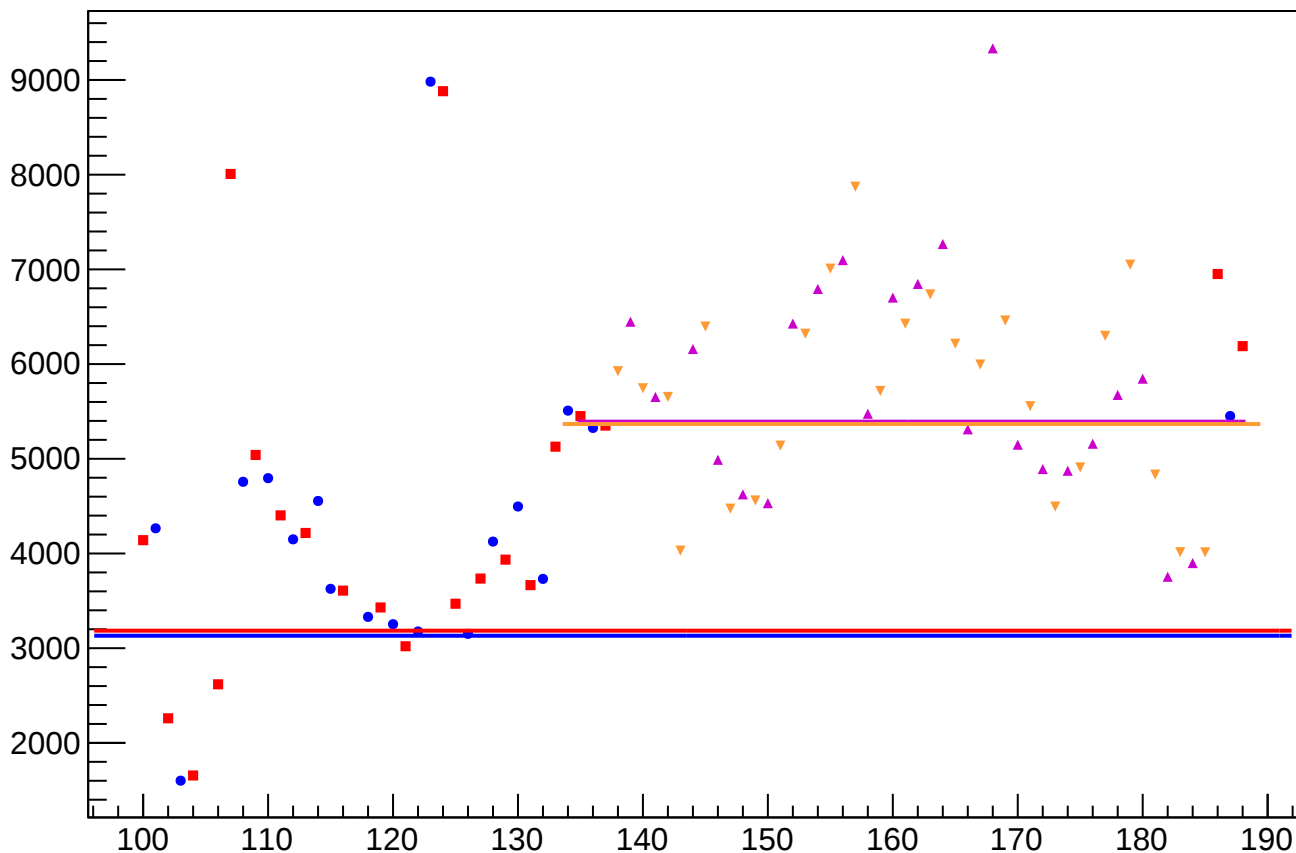
Left In: -3061.439+/-1313.197 χ^2/NDF : 12.3/22

+ sign 1412.208+/-910.688 χ^2/NDF : 48.5/42

All: -304.206+/-644.035 χ^2/NDF : 102.9/86

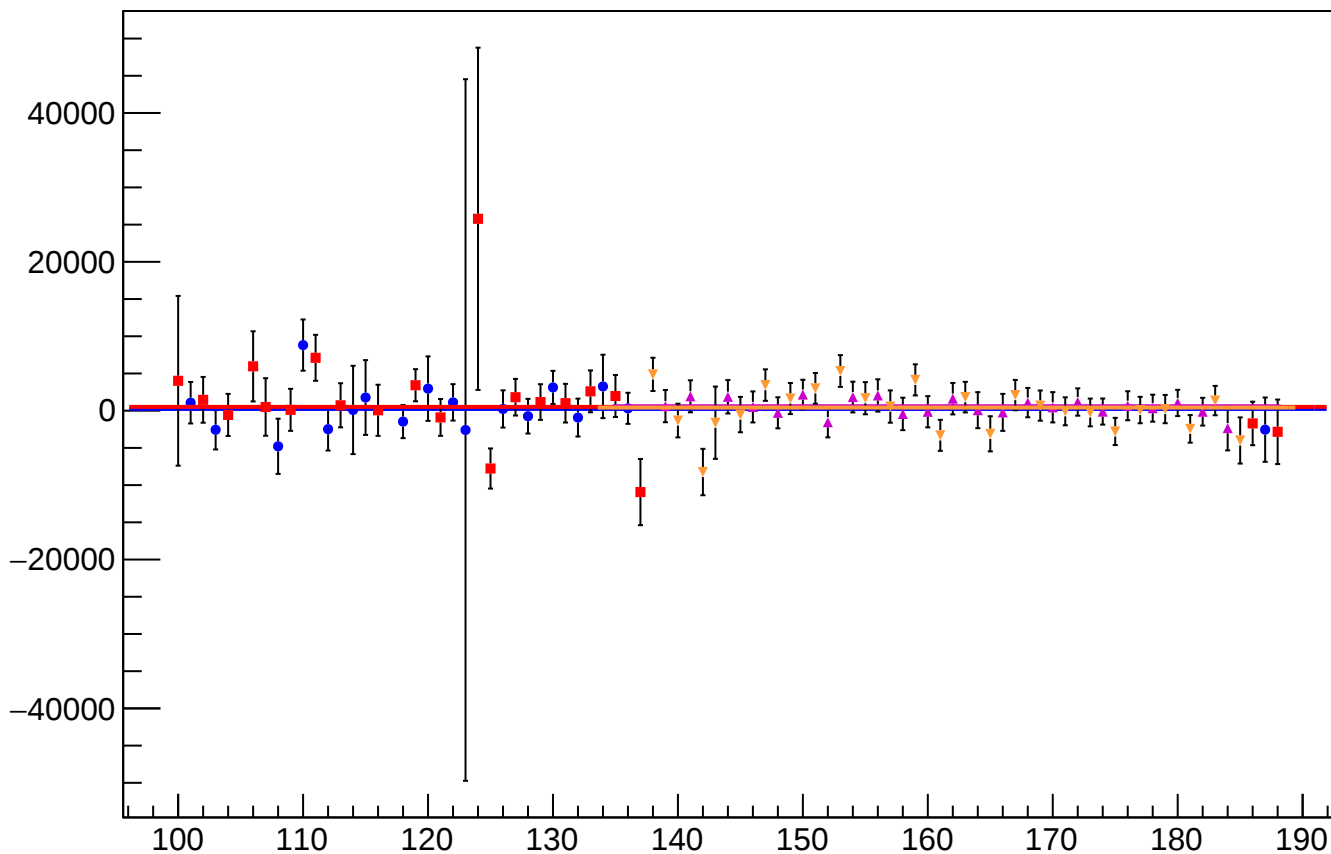
- sign -2021.481+/-910.917 χ^2/NDF : 47.3/43

asym_atl_avg_rms vs Slug



Right In: 3131.539 $\pm$ 0.916	χ^2 /NDF: 1934203.1/17	+ sign 4262.715 $\pm$ 0.644	χ^2 /NDF: 6159933.3/42
Left Out: 5366.944 $\pm$ 0.905	χ^2 /NDF: 1213541.3/24	All: 4246.997 $\pm$ 0.454	χ^2 /NDF: 12930390.6/8
Right Out: 3185.192 $\pm$ 0.882	χ^2 /NDF: 2478753.7/20	- sign 4231.501 $\pm$ 0.639	χ^2 /NDF: 6769274.2/43
Left In: 5391.987 $\pm$ 0.929	χ^2 /NDF: 1320415.5/22		

dit_asym_atl_dd_mean vs Slug



Right In: 237.368+/-693.399 χ^2/NDF : 14.4/17

Left Out: 418.780+/-425.452 χ^2/NDF : 39.9/24

Right Out: 510.180+/-665.719 χ^2/NDF : 28.0/20

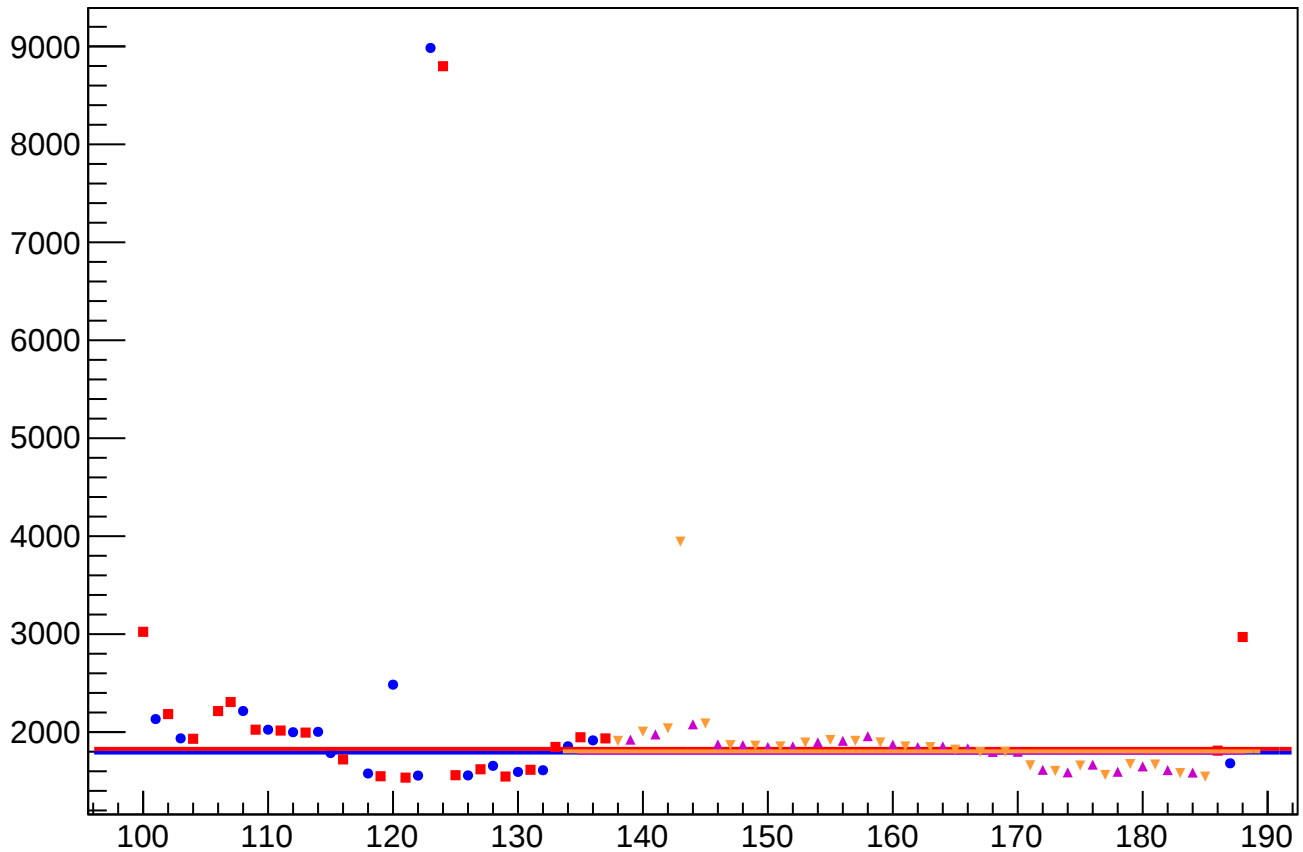
Left In: 595.101+/-429.153 χ^2/NDF : 5.7/22

+ sign 369.163+/-362.632 χ^2/NDF : 54.3/42

All: 470.204+/-255.734 χ^2/NDF : 88.2/86

- sign 570.171+/-360.700 χ^2/NDF : 33.7/43

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: 1828.757+/-0.470 χ^2/NDF : 586999.3/20

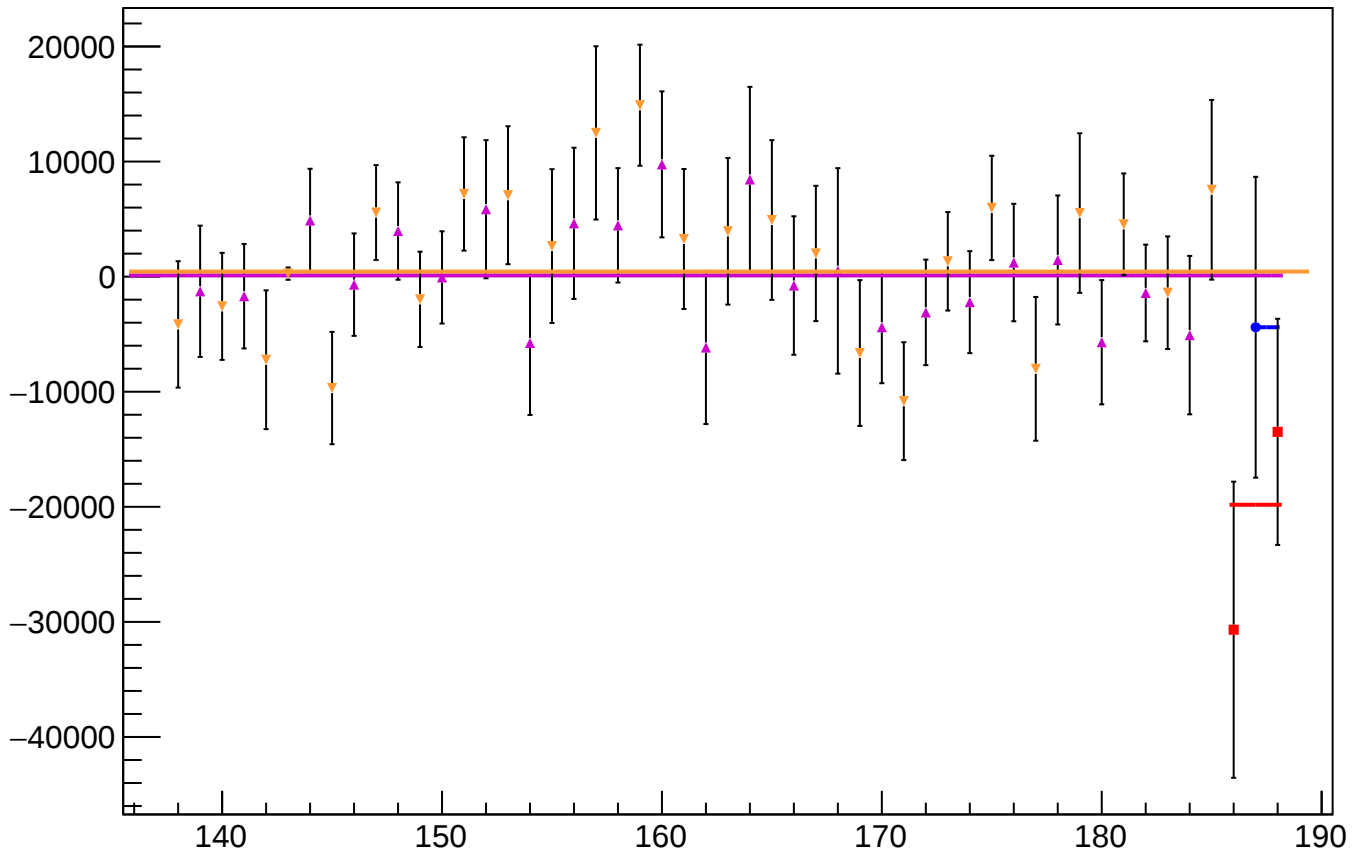
Left In: 1790.999+/-0.303 χ^2/NDF : 210711.4/22

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

All: 1801.036+/-0.181 χ^2/NDF : 1697123.1/86

- sign 1802.106+/-0.255 χ^2/NDF : 802264.9/43

asym_atl_dd_correction_mean vs Slug



Right In: -4397.127 $\pm$ 13071.338 χ^2 /NDF: 0.0/0

Left Out: 441.916 $\pm$ 479.882 χ^2 /NDF:35.2/24

Right Out: -19820.877 $\pm$ 7809.319 χ^2 /NDF: 1.1/1

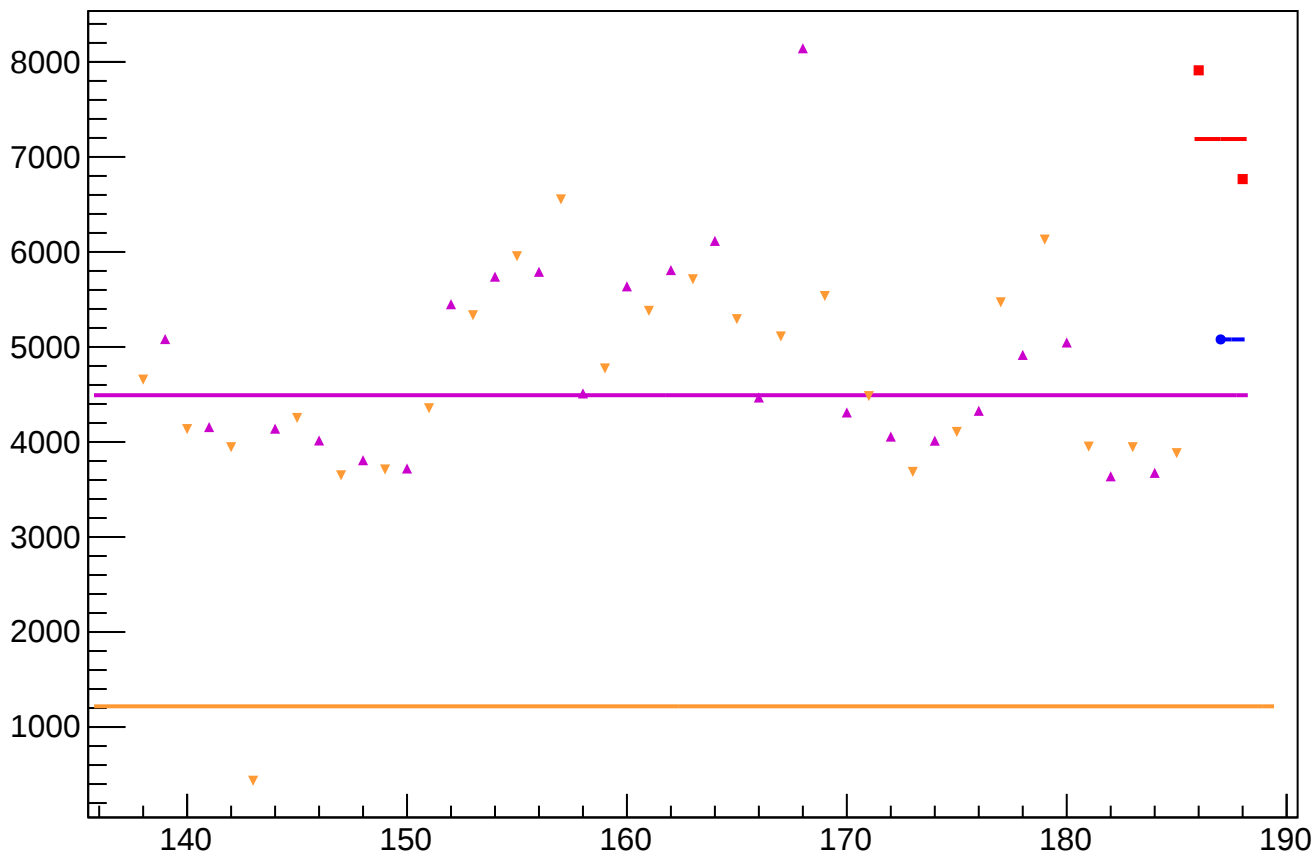
Left In: 105.335 $\pm$ 1090.763 χ^2 /NDF:13.1/22

+ sign 435.403 $\pm$ 479.559 χ^2 /NDF: 35.3/25

All: 318.294 $\pm$ 438.311 χ^2 /NDF: 56.3/50

- sign -275.966 $\pm$ 1080.276 χ^2 /NDF: 20.7/24

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: 7188.712+/-5.522 χ^2/NDF : 10000.8/1

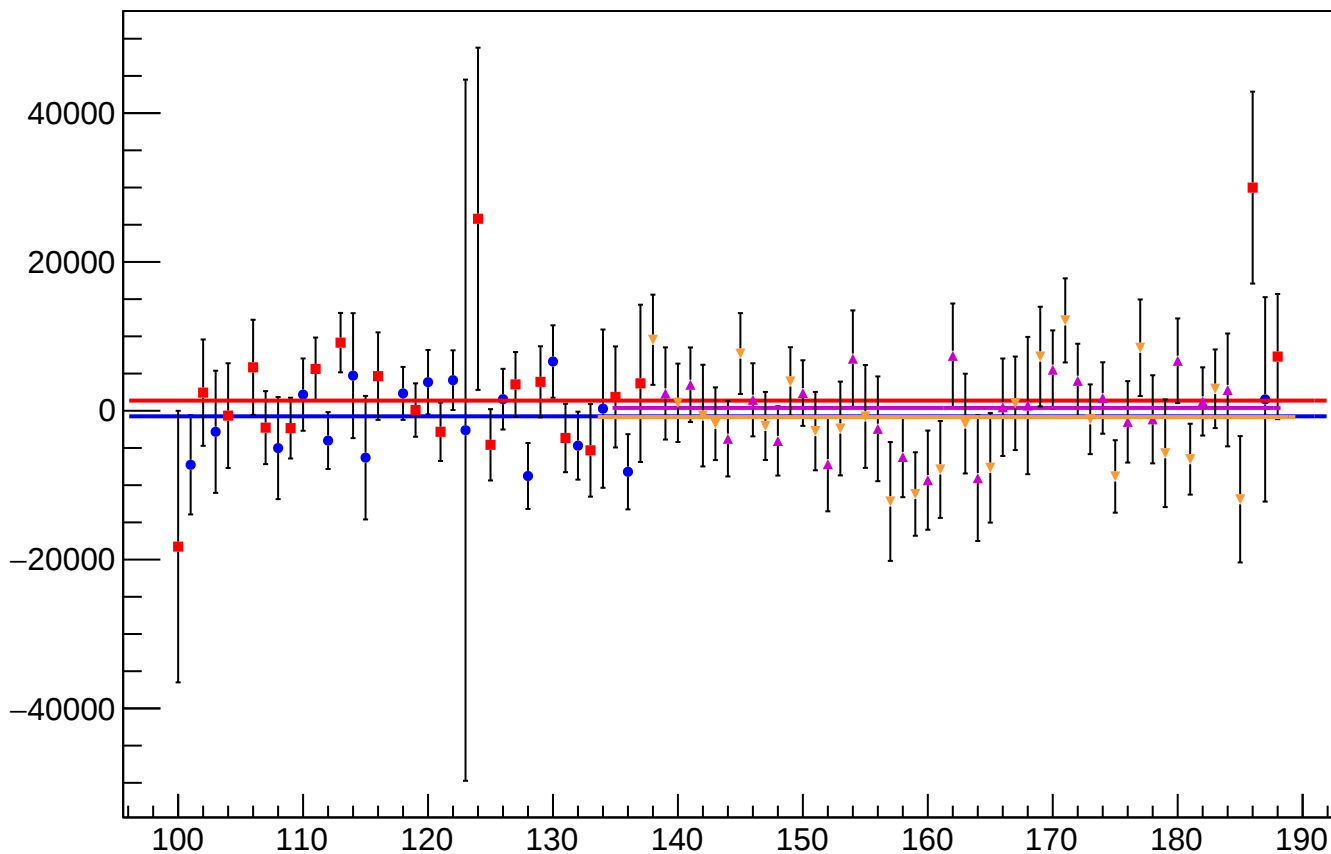
Left In: 4492.222+/-0.771 χ^2/NDF : 1152018.3/22

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

All: 1769.769+/-0.310 χ^2/NDF : 40780640.6/5

- sign 4543.821+/-0.764 χ^2/NDF : 1395908.4/24

asym_atl_dd_mean vs Slug



Right In: -746.319+/-1242.589 χ^2/NDF : 15.6/17

Left Out: -845.427+/-1152.677 χ^2/NDF : 30.0/24

Right Out: 1367.552+/-1174.450 χ^2/NDF : 20.5/20

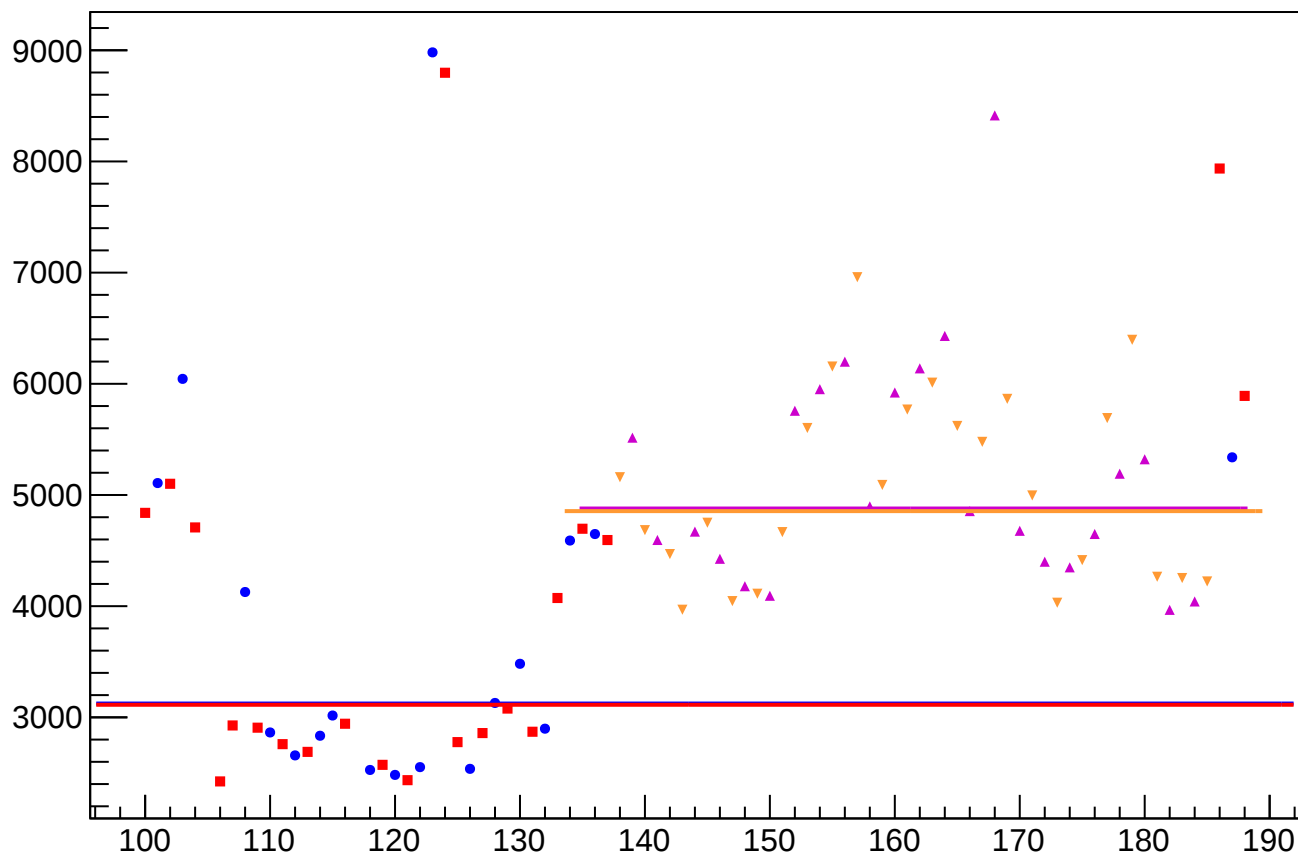
Left In: 385.098+/-1181.458 χ^2/NDF : 13.9/22

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

All: 51.973+/-593.214 χ^2/NDF : 82.4/86

- sign 879.247+/-832.928 χ^2/NDF : 34.8/43

asym_atl_dd_rms vs Slug



Right In: 3124.119+/-0.879 χ^2/NDF : 1012234.8/17

Left Out: 4854.932+/-0.815 χ^2/NDF :895557.4/24

Right Out: 3113.232+/-0.820 χ^2/NDF : 1305059.4/20

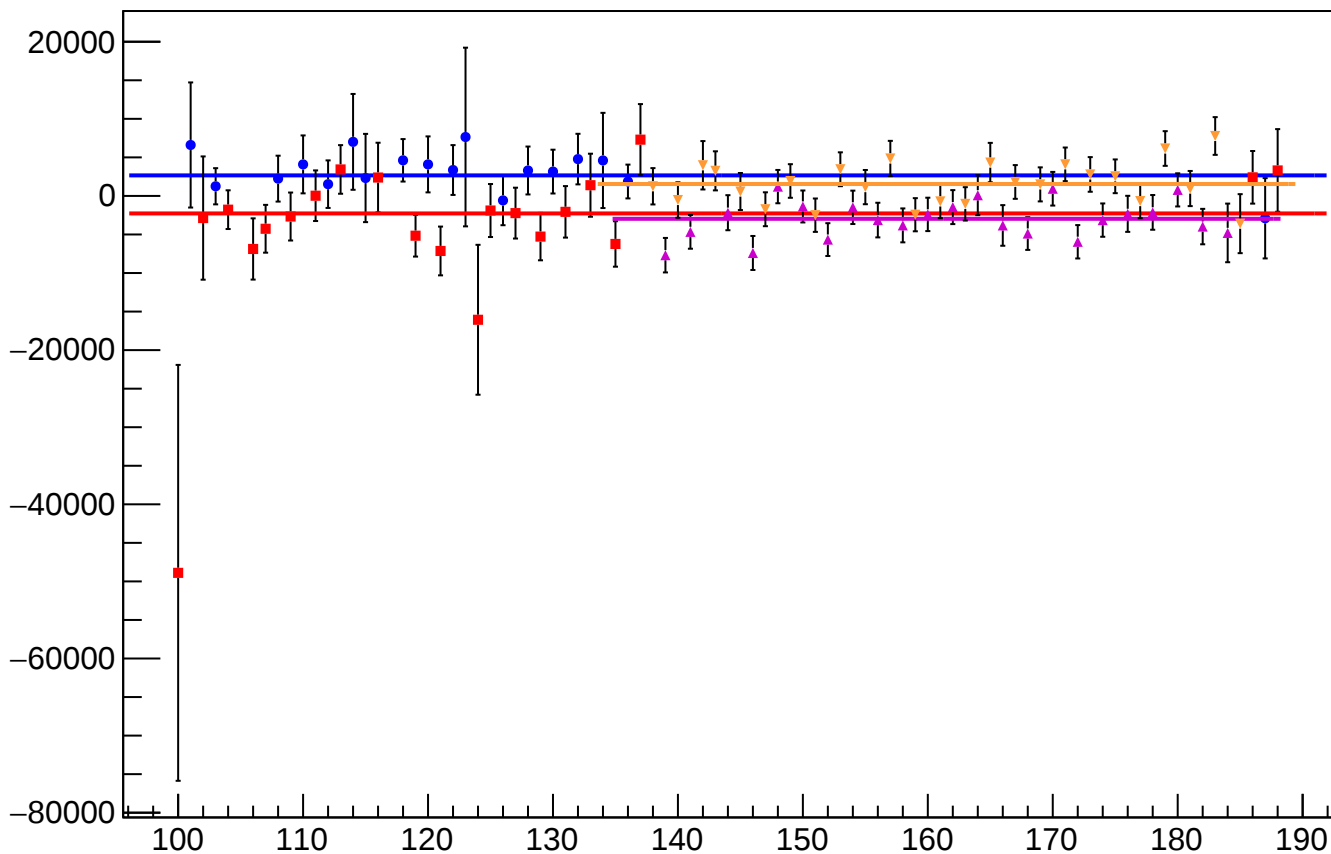
Left In: 4878.261+/-0.835 χ^2/NDF :965222.2/22

+ sign 4054.400+/-0.598 χ^2/NDF : 3993453.3/42

All: 4016.301+/-0.418 χ^2/NDF : 8544037.3/86

- sign 3979.742+/-0.585 χ^2/NDF : 4542617.9/43

dit_asym_atr_avg_mean vs Slug



Right In: 2663.986 $\pm$ 805.498 χ^2/NDF : 5.2/17

Left Out: 1545.863 $\pm$ 461.862 χ^2/NDF : 33.2/24

Right Out: -2270.448 $\pm$ 778.424 χ^2/NDF : 26.0/20

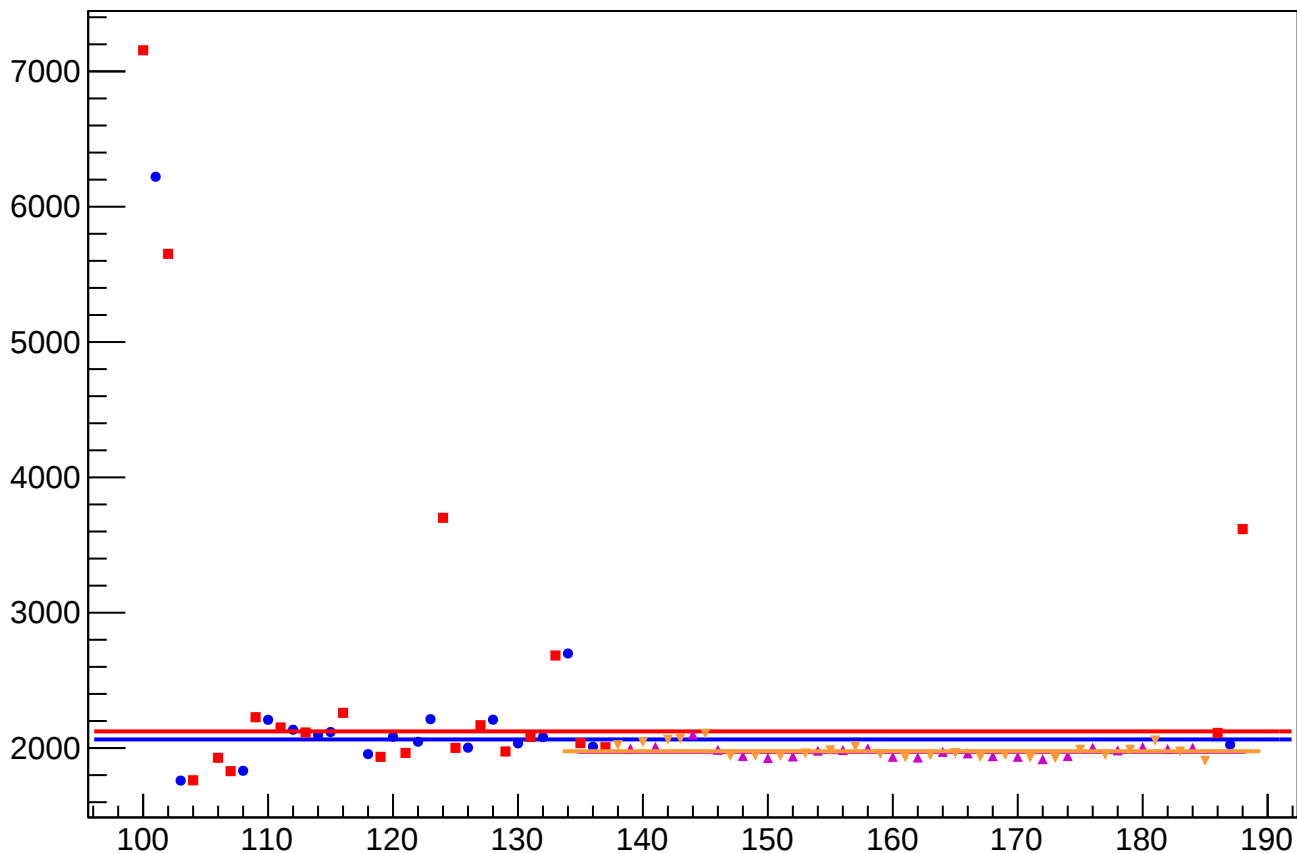
Left In: -2968.538 $\pm$ 470.273 χ^2/NDF : 27.4/22

+ sign 1822.516 $\pm$ 400.670 χ^2/NDF : 39.9/42

All: -469.078 $\pm$ 283.968 χ^2/NDF : 159.6/86

- sign -2781.877 $\pm$ 402.520 χ^2/NDF : 54.0/43

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: 2123.166+/-0.550 χ^2 /NDF: 799653.5/20

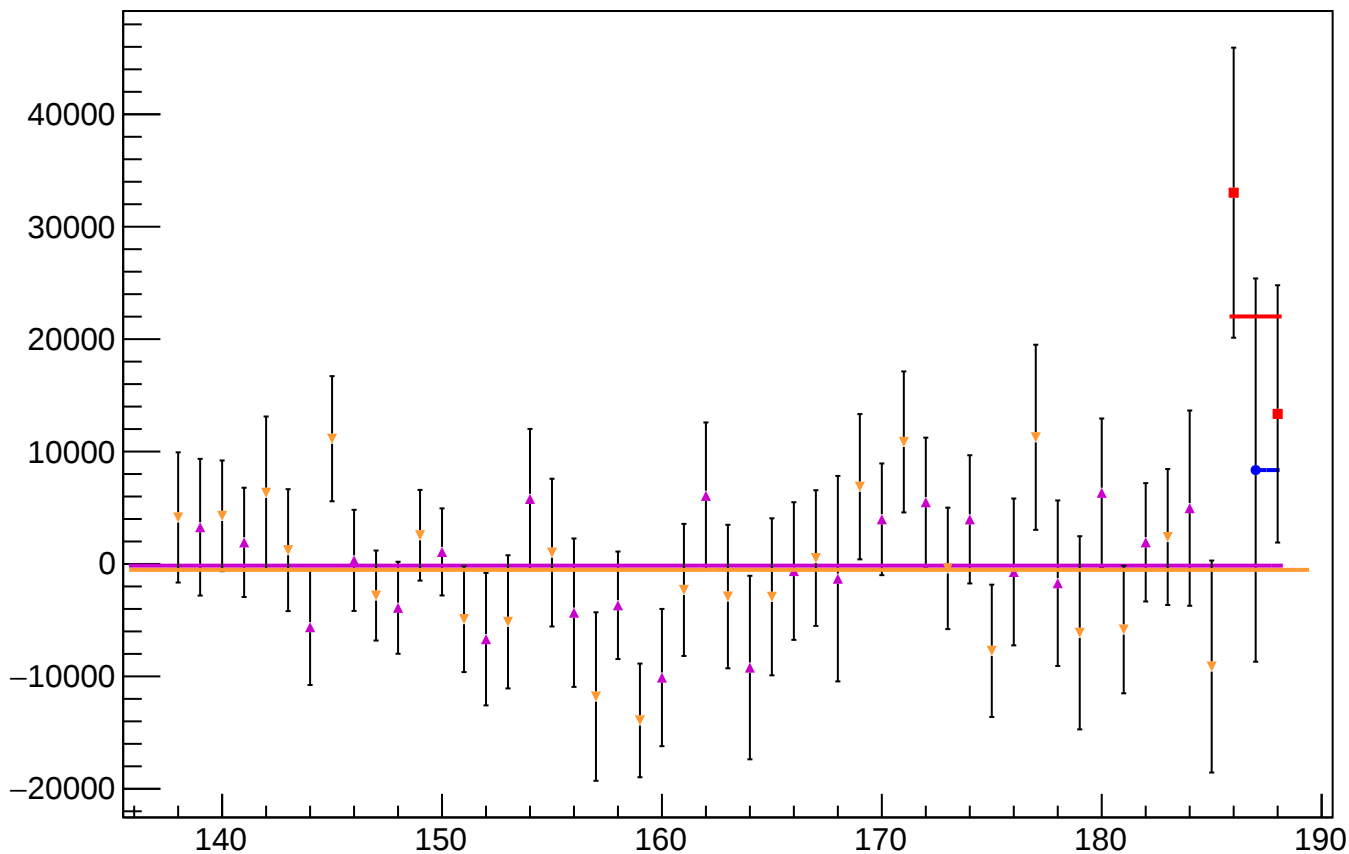
Left In: 1971.509+/-0.333 χ^2 /NDF: 14769.7/22

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

All: 2005.062+/-0.201 χ^2 /NDF: 1517928.3/86

- sign 2012.080+/-0.285 χ^2 /NDF: 870066.9/43

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: 22015.235 $\pm$ 8561.152 χ^2 /NDF: 1.3/1

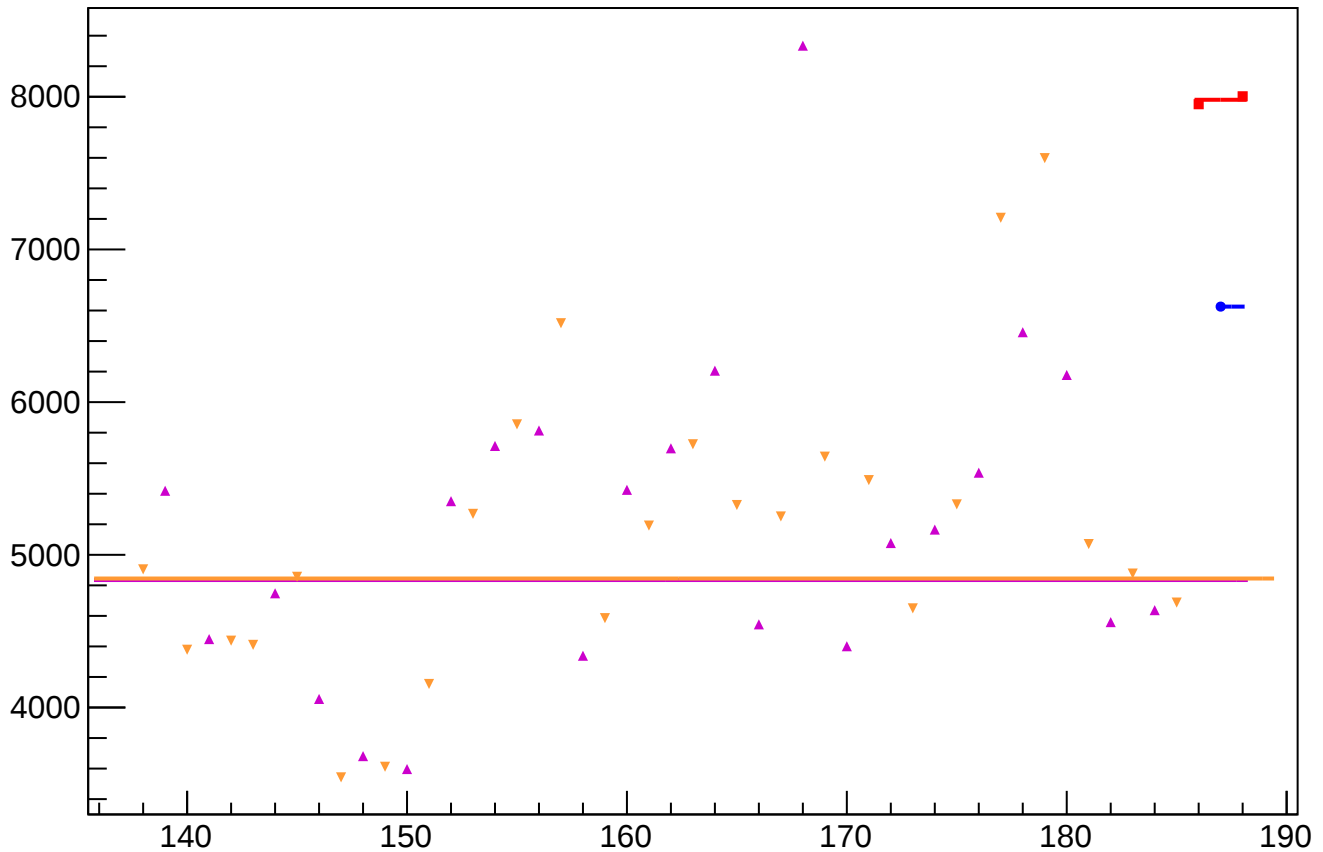
Left In: -150.621 $\pm$ 1175.216 χ^2 /NDF:14.2/22

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

All: -116.121 $\pm$ 819.330 χ^2 /NDF: 52.3/50

- sign 259.345 $\pm$ 1164.297 χ^2 /NDF: 22.1/24

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: 7980.296+/-6.054 χ^2/NDF : 18.1/1

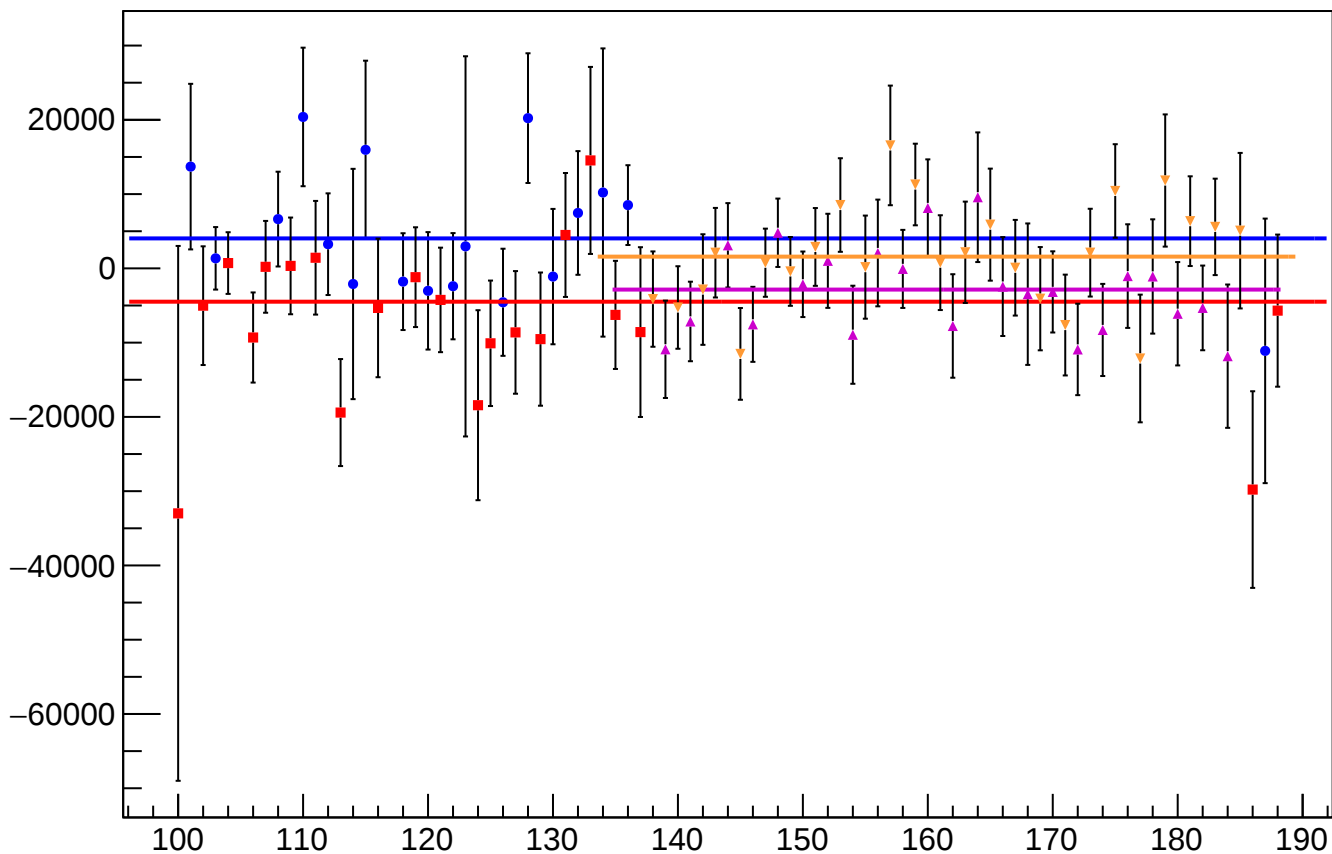
Left In: 4834.872+/-0.831 χ^2/NDF : 1218691.8/22

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

All: 4872.827+/-0.579 χ^2/NDF : 2653544.2/50

- sign 4893.047+/-0.823 χ^2/NDF : 1483692.0/24

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: -4487.485+/-1687.344 χ^2/NDF : 18.6/20

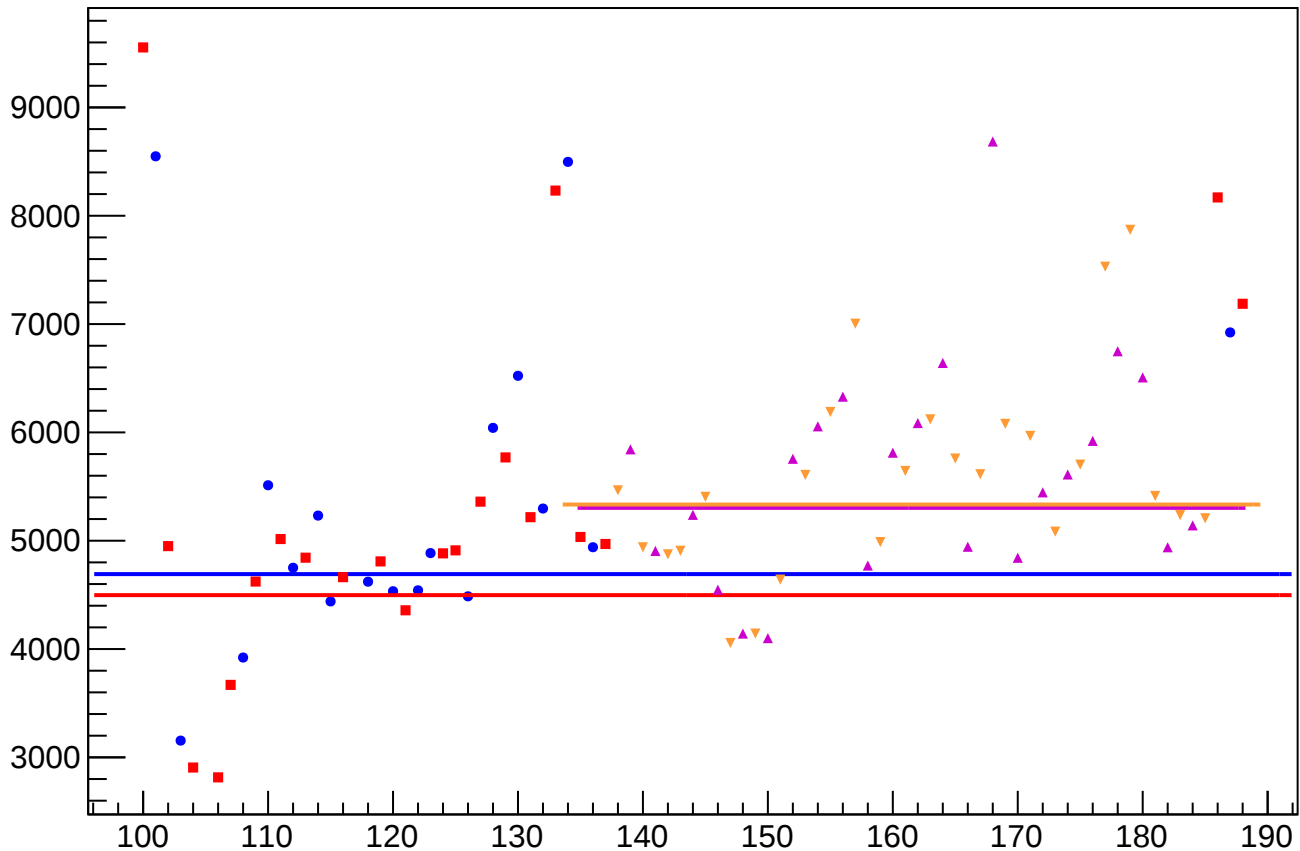
Left In: -2856.480+/-1284.131 χ^2/NDF : 18.1/22

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

All: -608.693+/-730.418 χ^2/NDF : 94.3/86

- sign -3454.666+/-1021.866 χ^2/NDF : 37.3/43

asym_atr_avg_rms vs Slug



Right In: 4691.748 $\pm$ 1.307 χ^2/NDF : 809589.4/17

Left Out: 5334.221 $\pm$ 0.895 χ^2/NDF : 865414.3/24

Right Out: 4497.660 $\pm$ 1.187 χ^2/NDF : 1137294.0/20

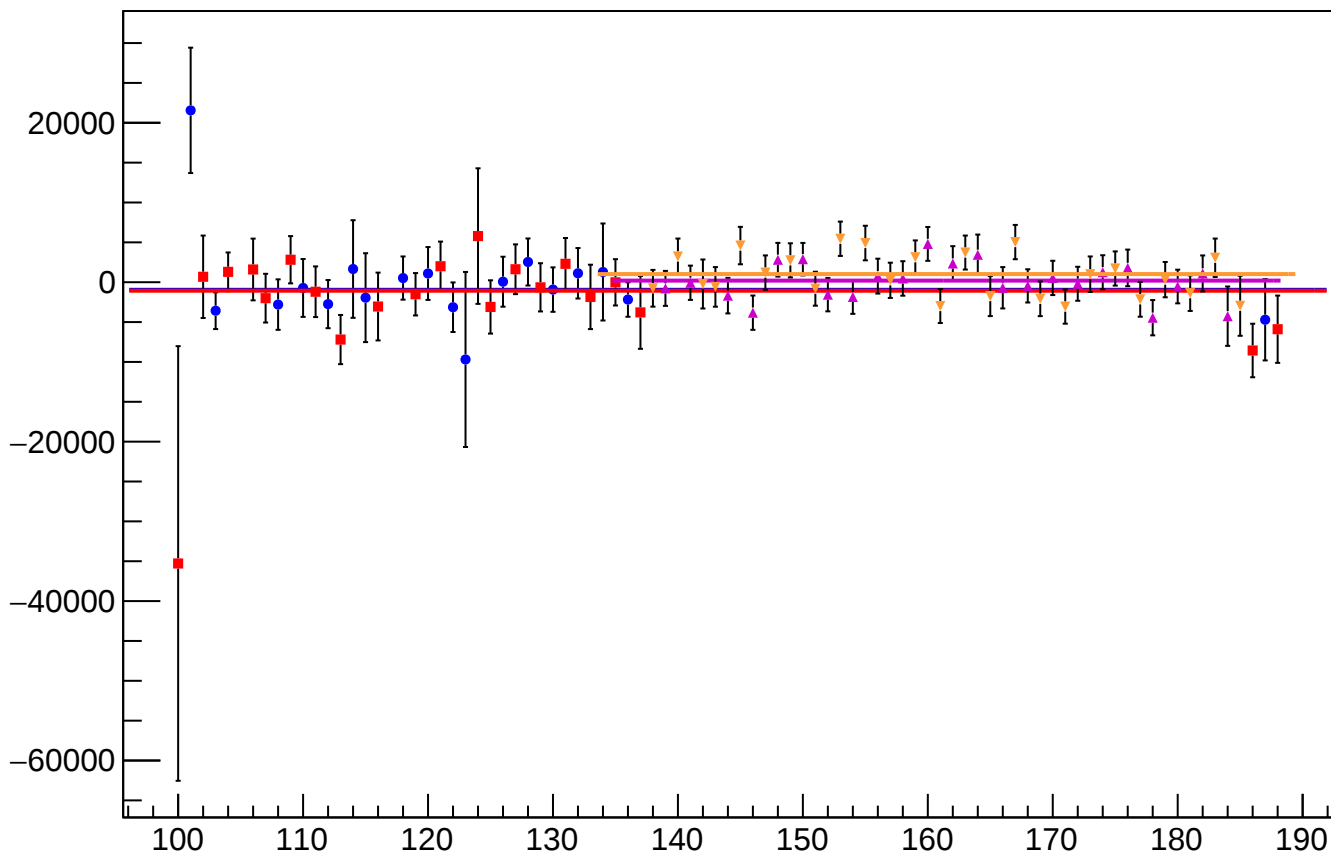
Left In: 5303.321 $\pm$ 0.908 χ^2/NDF : 960356.0/22

+ sign 5128.953 $\pm$ 0.739 χ^2/NDF : 1839543.6/42

All: 5065.886 $\pm$ 0.516 χ^2/NDF : 4242200.5/80

- sign 5005.761 $\pm$ 0.721 χ^2/NDF : 2388412.2/43

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: -1066.053 ± 748.571 χ^2/NDF : 19.8/20

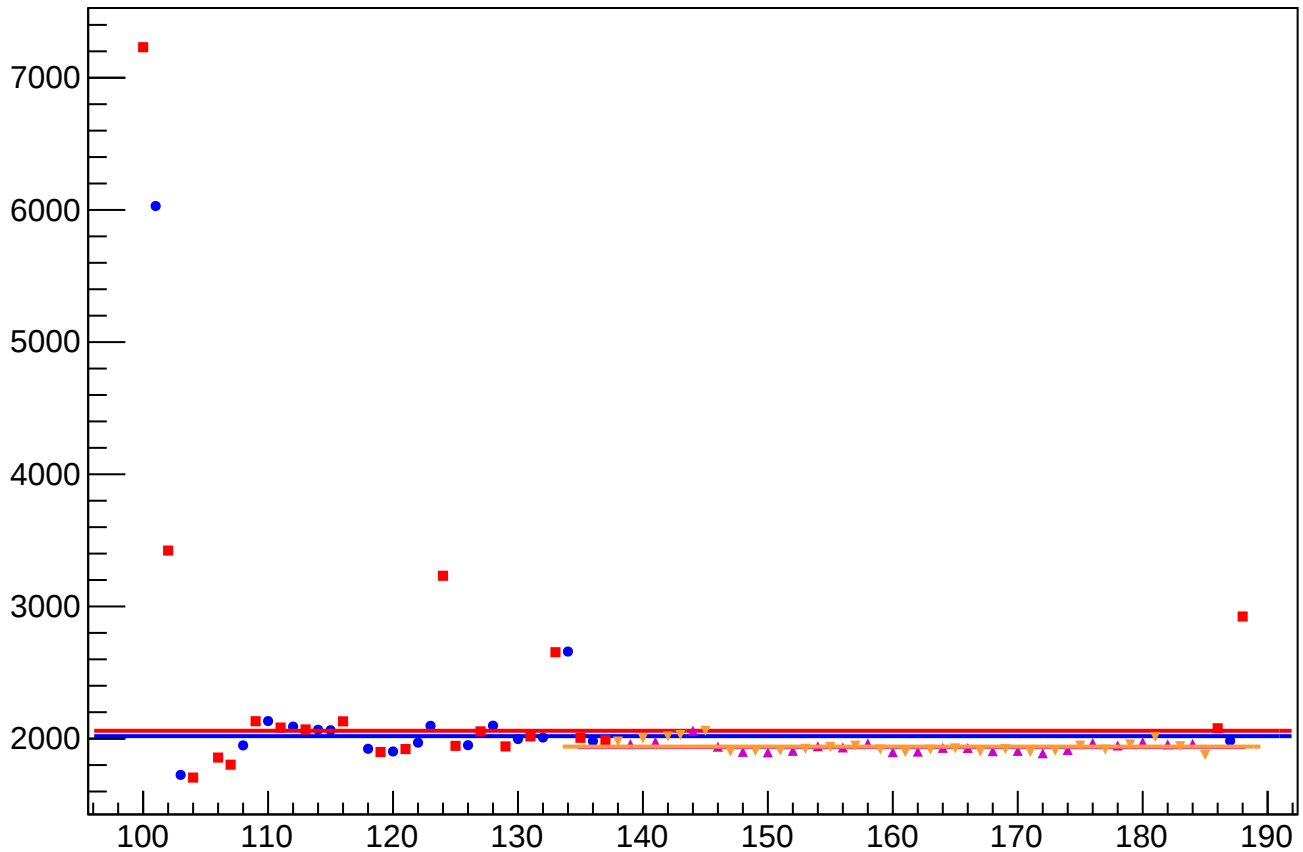
Left In: 201.463 ± 461.744 χ^2/NDF : 23.9/22

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

All: 190.861 ± 277.836 χ^2/NDF : 102.3/86

- sign -147.886 ± 392.994 χ^2/NDF : 45.8/43

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: 2059.518 $\pm$ 0.529 χ^2/NDF : 458994.9/20

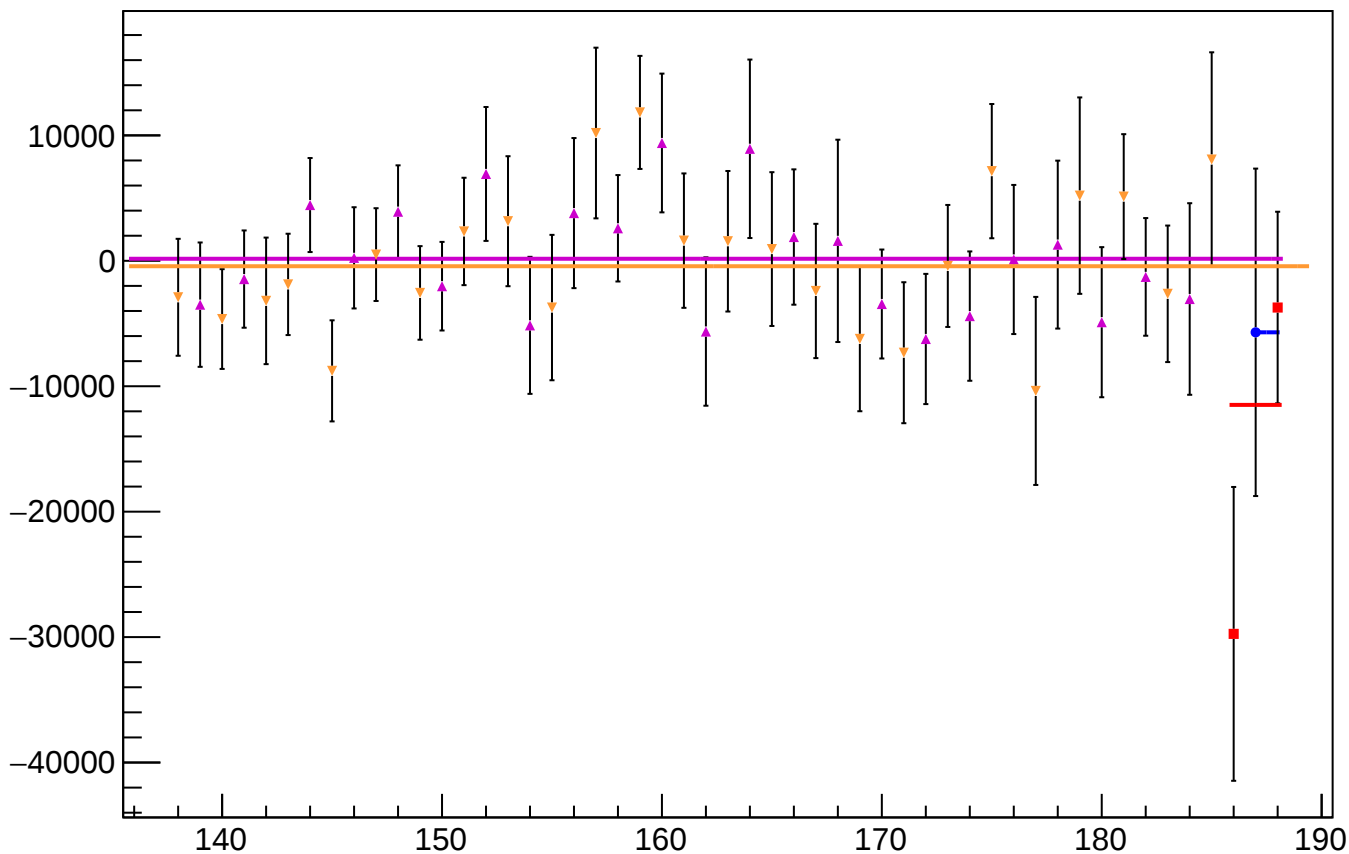
Left In: 1935.823 $\pm$ 0.327 χ^2/NDF : 13548.9/22

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

All: 1964.768 $\pm$ 0.196 χ^2/NDF : 1134582.3/86

- sign 1969.974 $\pm$ 0.278 χ^2/NDF : 512170.0/43

asym_atr_dd_correction_mean vs Slug



Right In: -5701.122+/-13052.905 χ^2/NDF : 0.0/0

Left Out: -432.080+/-1001.105 χ^2/NDF : 27.2/24

Right Out: -11487.228+/-6397.877 χ^2/NDF : 3.5/1

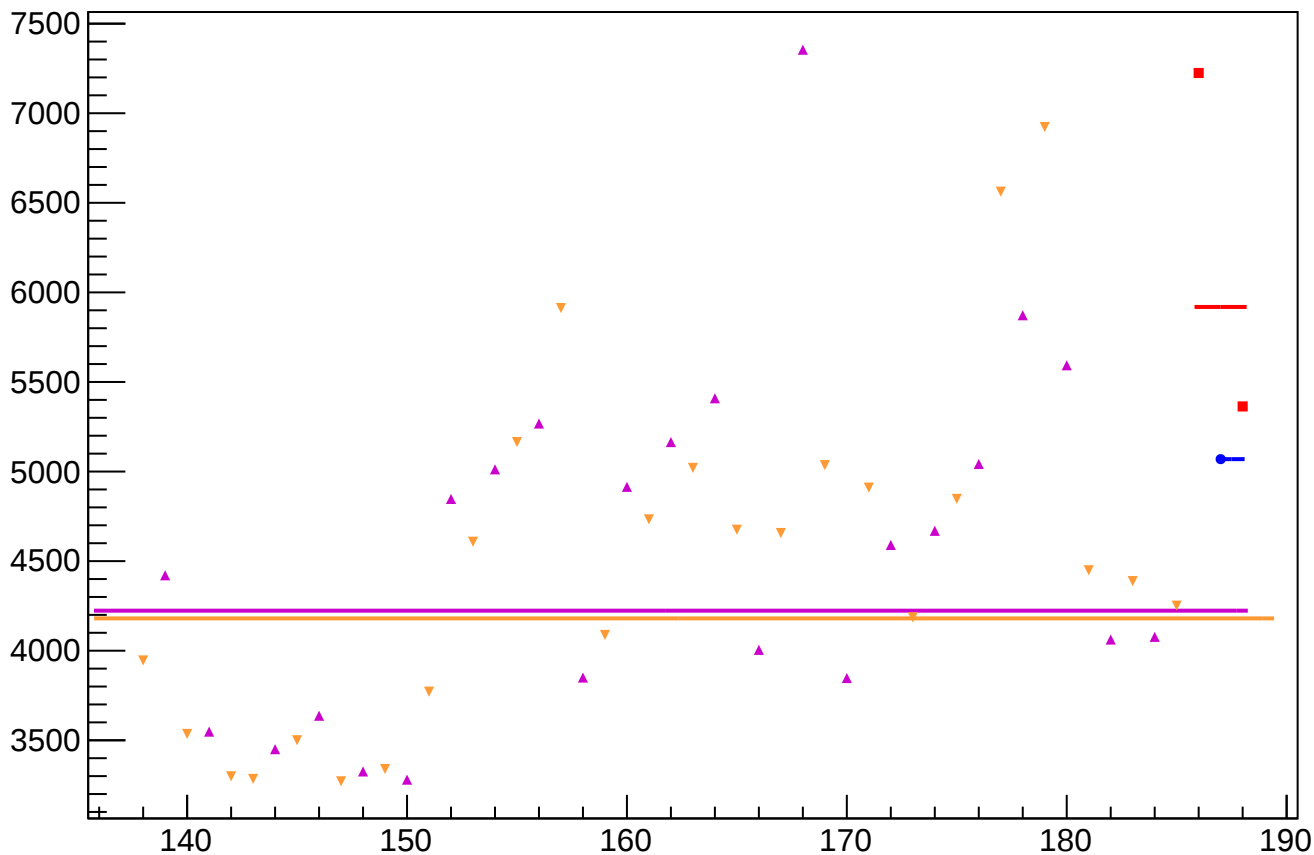
Left In: 163.422+/-1028.720 χ^2/NDF : 16.1/22

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

All: -299.437+/-711.922 χ^2/NDF : 50.2/50

- sign -130.199+/-1015.674 χ^2/NDF : 22.8/24

asym_atr_dd_correction_rms vs Slug



Right In: 5069.292 $\pm$ 9.230 χ^2 /NDF: 0.0/0

Left Out: 4180.398 $\pm$ 0.708 χ^2 /NDF:1376701.5/24

Right Out: 5918.716 $\pm$ 4.524 χ^2 /NDF: 35431.2/1

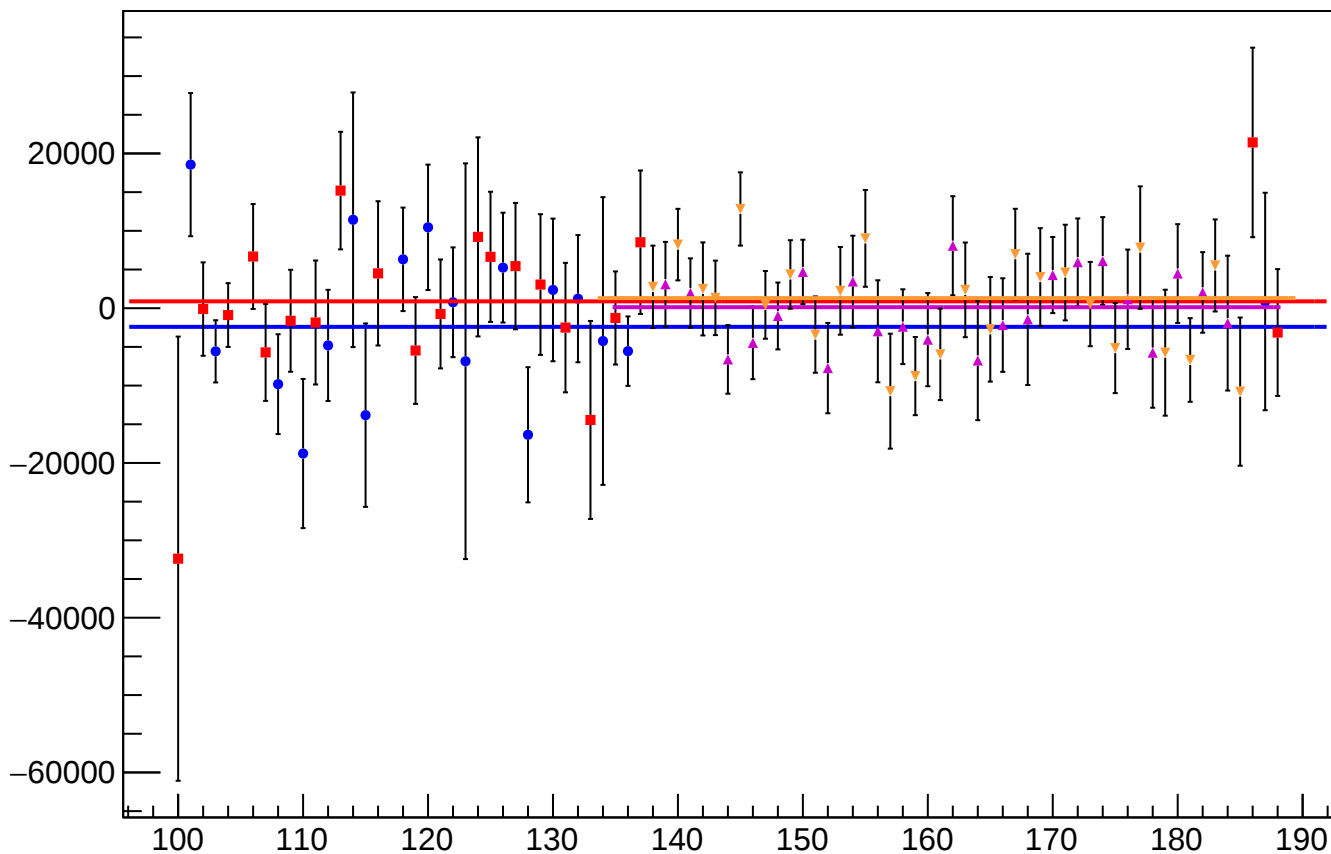
Left In: 4223.398 $\pm$ 0.727 χ^2 /NDF:1346399.1/22

+ sign 4185.596 $\pm$ 0.706 χ^2 /NDF: 1385922.4/25

All: 4225.160 $\pm$ 0.503 χ^2 /NDF: 2911039.1/50

- sign 4266.123 $\pm$ 0.718 χ^2 /NDF: 1518721.4/24

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: 885.916 ± 1640.092 χ^2/NDF : 15.0/20

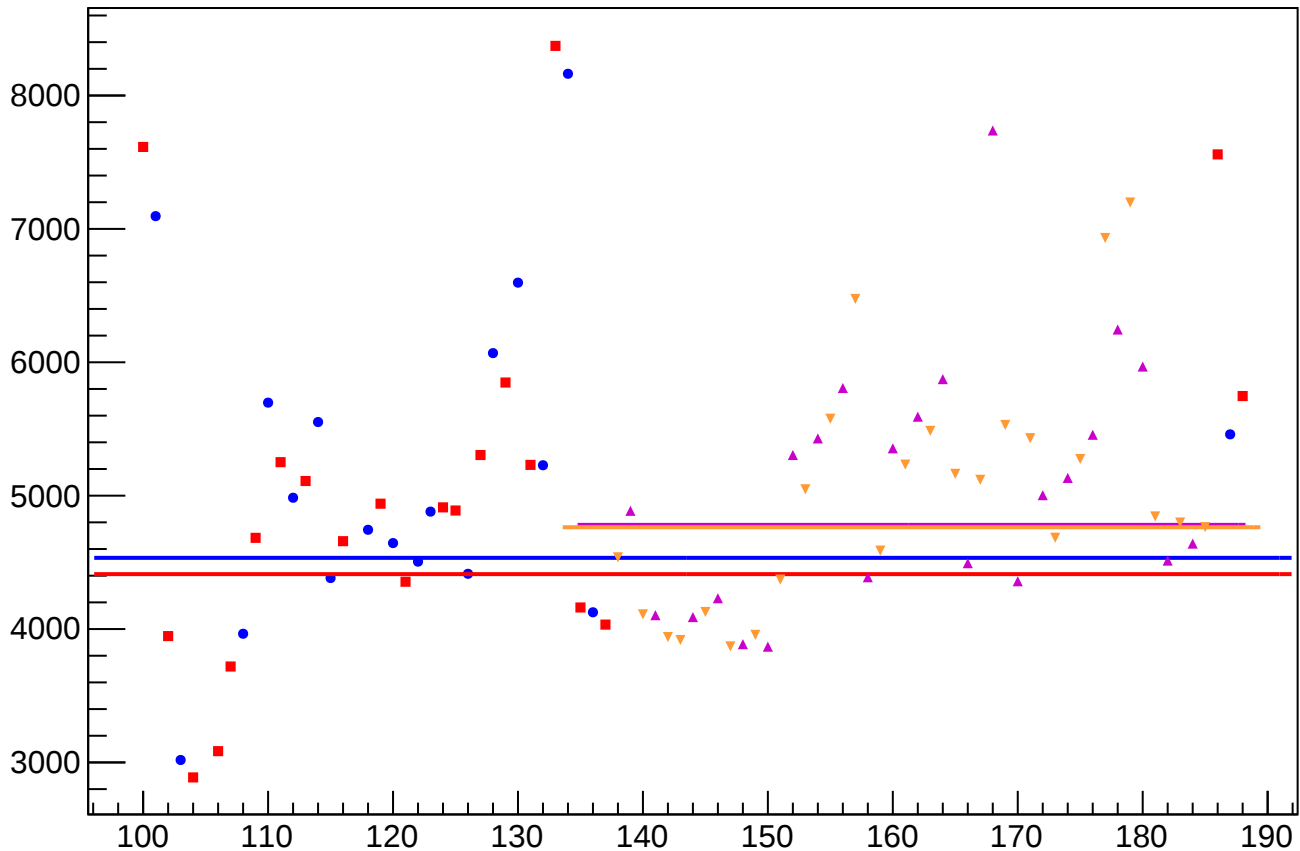
Left In: 131.428 ± 1157.282 χ^2/NDF : 14.9/22

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

All: 311.714 ± 672.070 χ^2/NDF : 82.1/86

- sign 382.219 ± 945.579 χ^2/NDF : 30.0/43

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

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

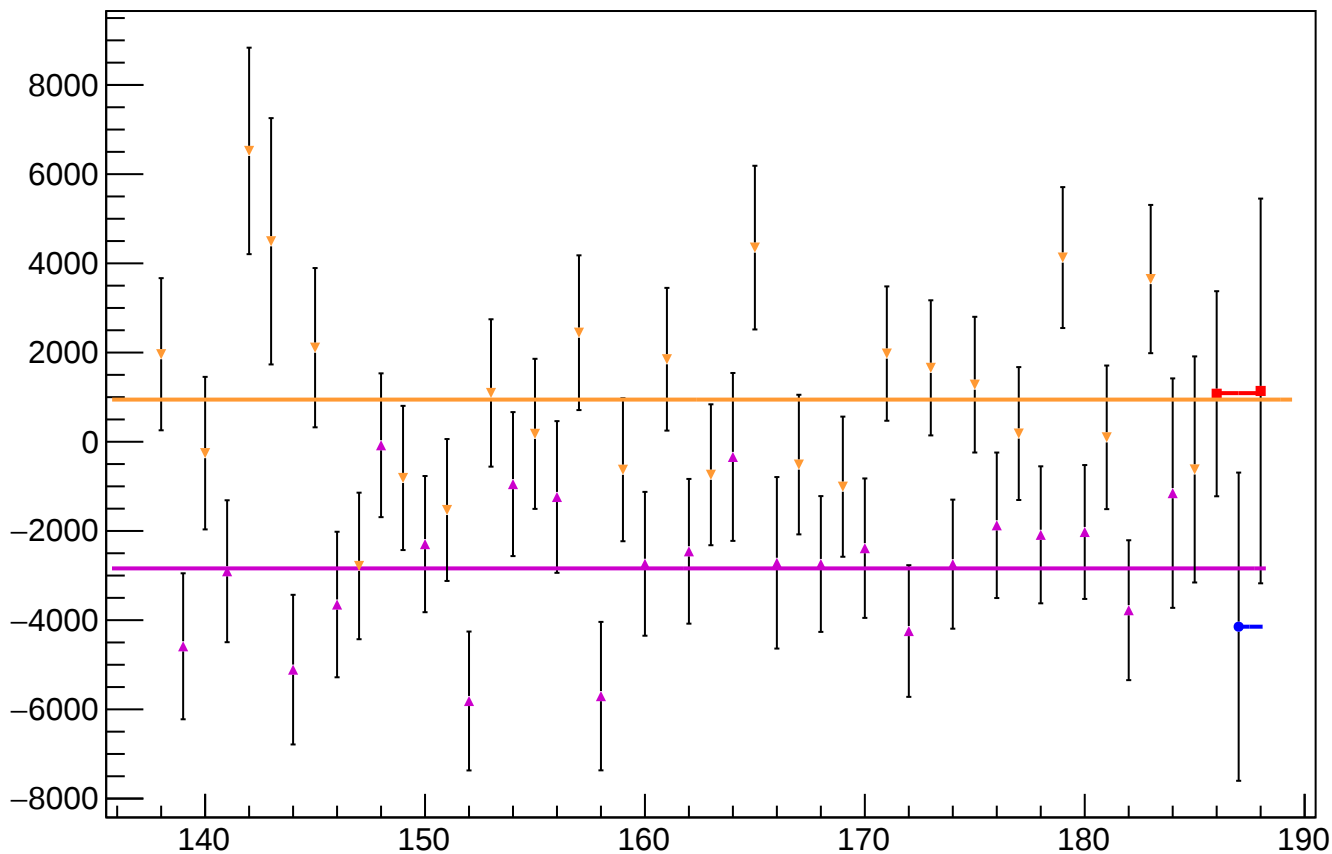
Right Out: 4411.758+/-1.154 χ^2/NDF : 966255.8/20

All: 4677.178+/-0.475 χ^2/NDF : 3732271.7/80

- sign 4657.519+/-0.667 χ^2/NDF : 1986011.3/43

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

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: 1090.443 ± 2028.918 $\chi^2/\text{NDF}: 0.0/1$

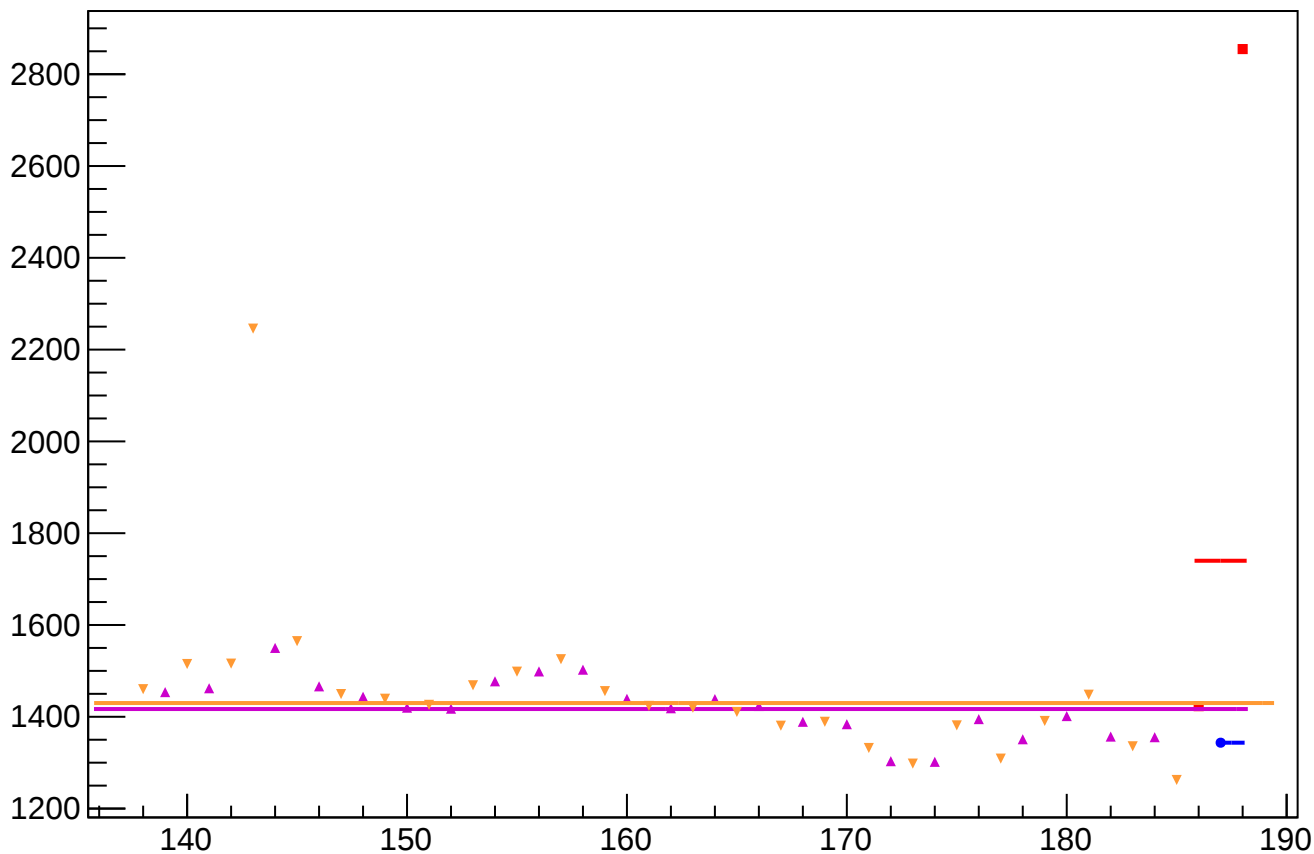
Left In: -2839.506 ± 338.801 $\chi^2/\text{NDF}: 19.6/22$

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

All: -917.463 ± 236.295 $\chi^2/\text{NDF}: 119.6/50$

- sign -2732.895 ± 334.174 $\chi^2/\text{NDF}: 23.3/24$

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1343.524 +/- 2.443 χ^2 /NDF: 0.0/0

Left Out: 1429.945 +/- 0.237 χ^2 /NDF: 264824.6/24

Right Out: 1739.957 +/- 1.435 χ^2 /NDF: 171608.5/1

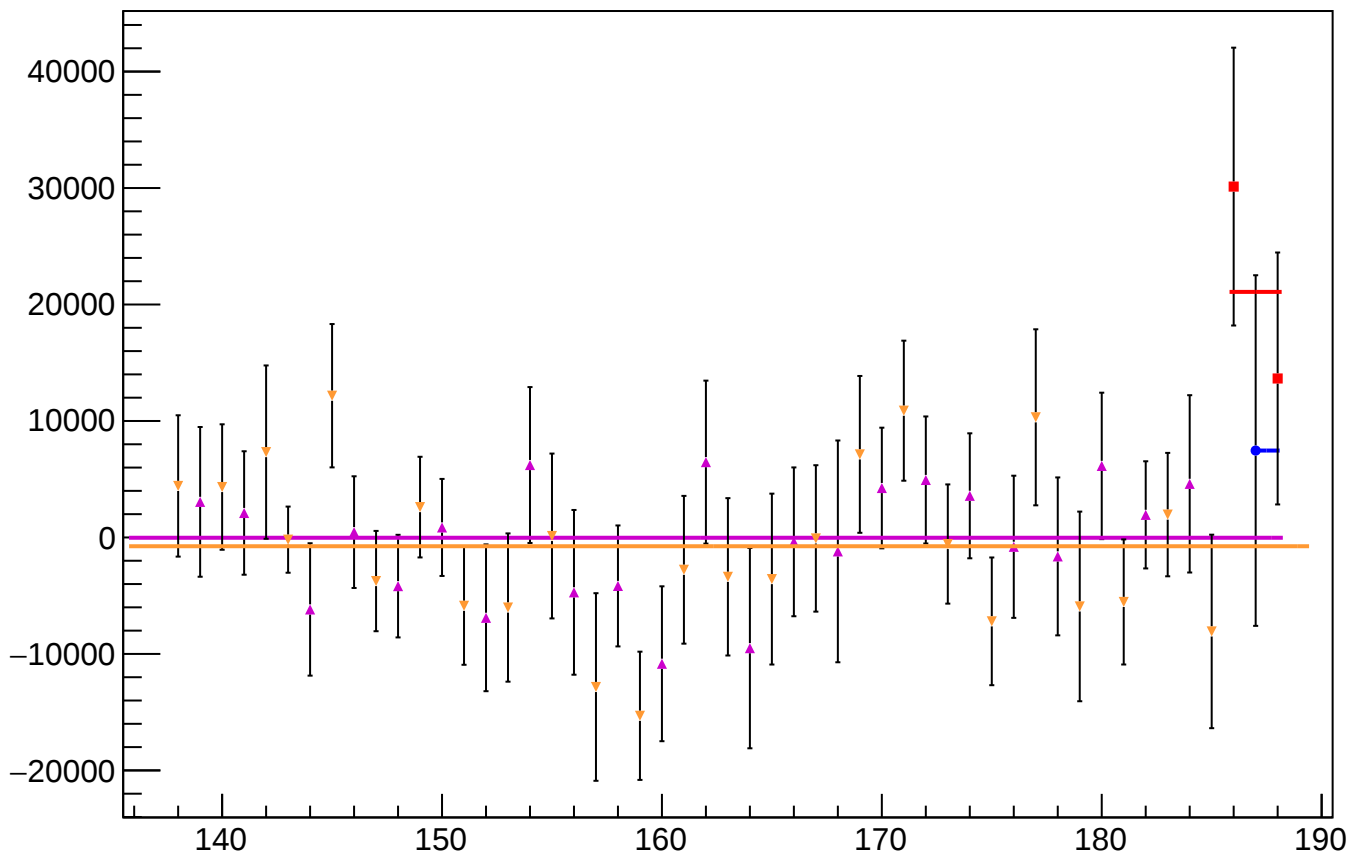
Left In: 1416.873 +/- 0.240 χ^2 /NDF: 65421.7/22

+ sign 1429.137 +/- 0.236 χ^2 /NDF: 266064.1/25

All: 1427.387 +/- 0.167 χ^2 /NDF: 552542.7/50

- sign 1425.637 +/- 0.236 χ^2 /NDF: 286369.0/24

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: 21083.177 $\pm$ 8011.848 χ^2 /NDF: 1.0/1

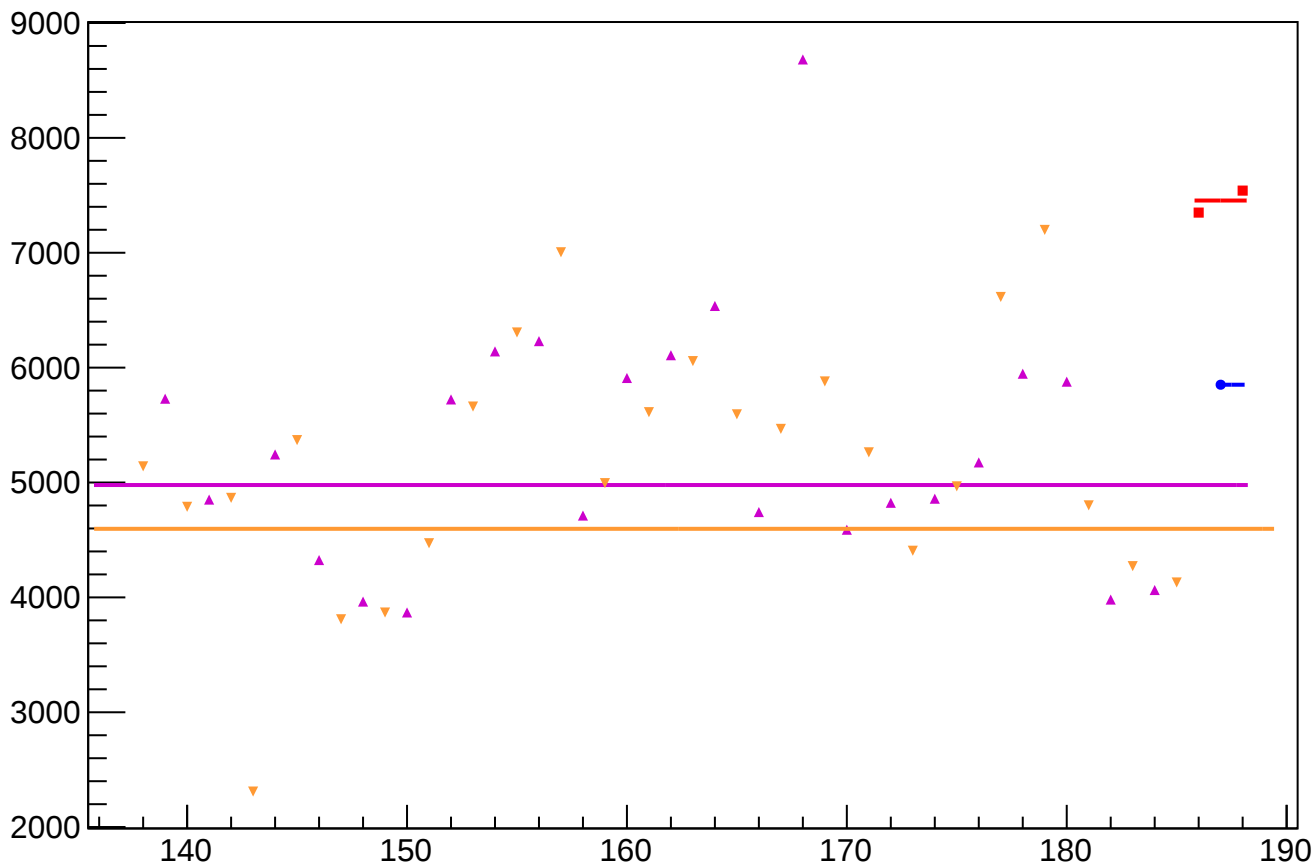
Left In: -25.920 $\pm$ 1208.952 χ^2 /NDF:13.9/22

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

All: -172.160 $\pm$ 815.654 χ^2 /NDF: 53.1/50

- sign 444.023 $\pm$ 1195.420 χ^2 /NDF: 21.8/24

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: 7454.589+/-5.665 χ^2/NDF : 282.8/1

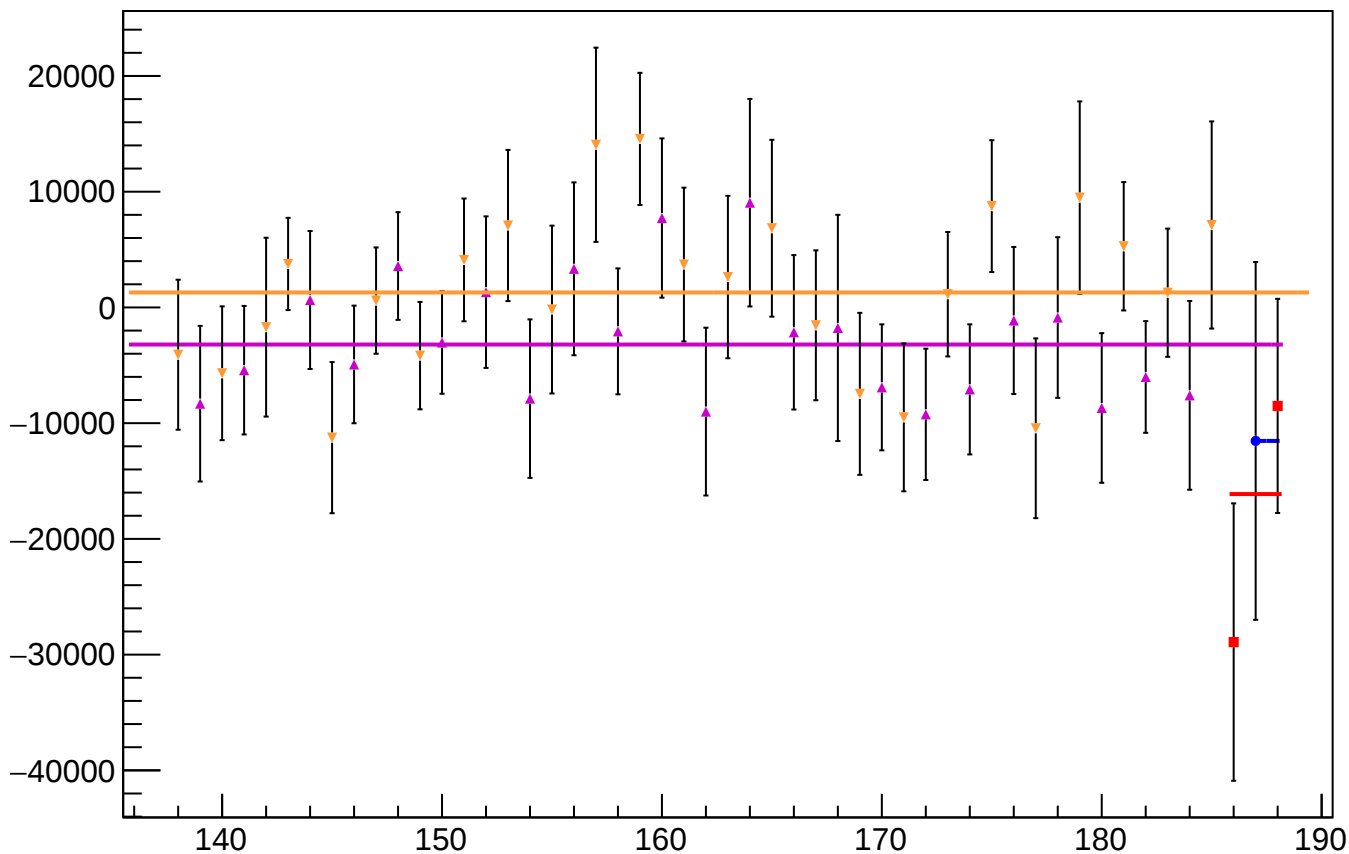
Left In: 4978.135+/-0.855 χ^2/NDF : 1157494.7/22

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

All: 4803.788+/-0.577 χ^2/NDF : 4025716.3/50

- sign 5033.268+/-0.845 χ^2/NDF : 1344607.8/24

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: -16126.560+/-7324.115 χ^2 /NDF: 1.8/1

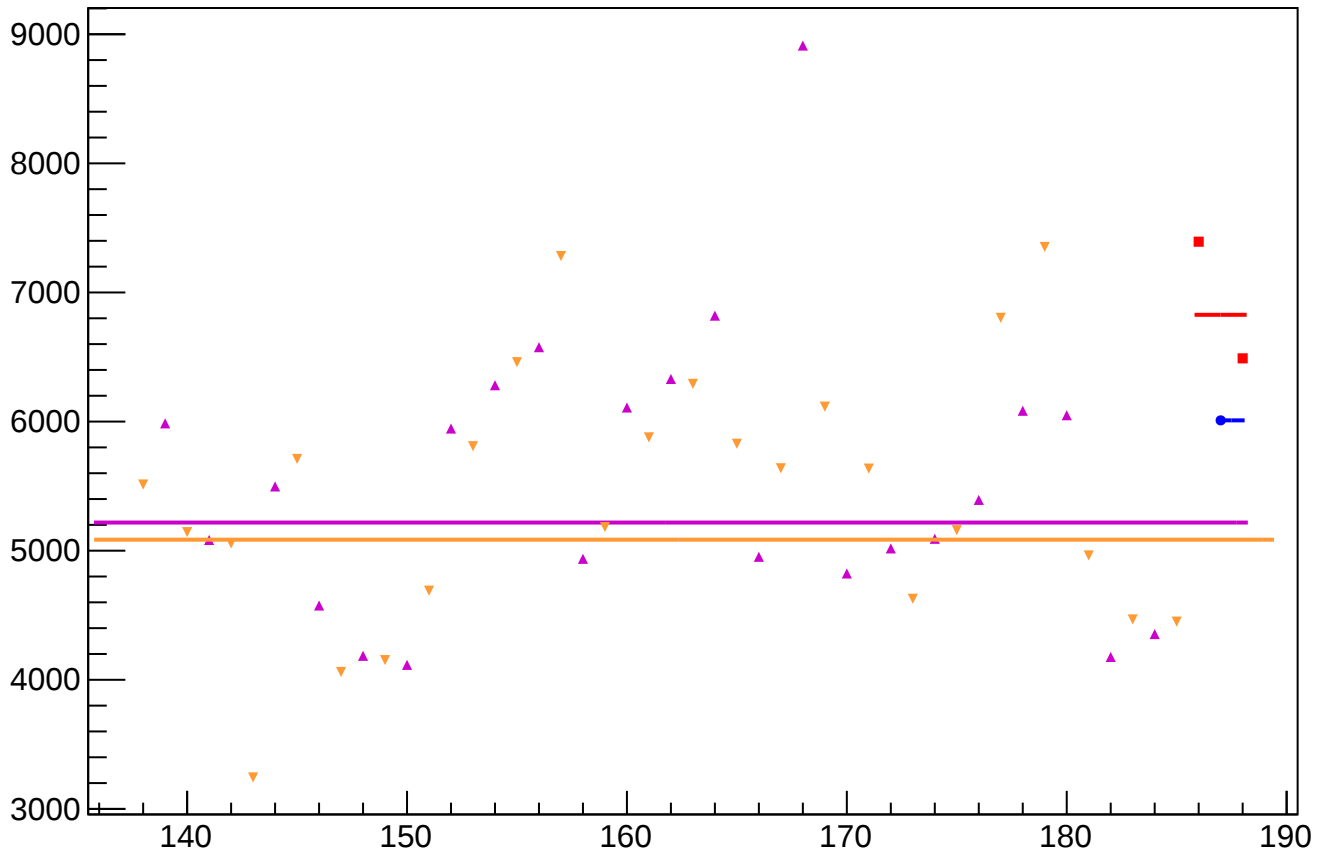
Left In: -3205.363+/-1265.586 χ^2 /NDF:13.9/22

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

All: -1114.924+/-869.166 χ^2 /NDF: 54.8/50

- sign -3579.990+/-1247.105 χ^2 /NDF: 18.7/24

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: 6827.011+/-5.179 χ^2/NDF : 7119.8/1

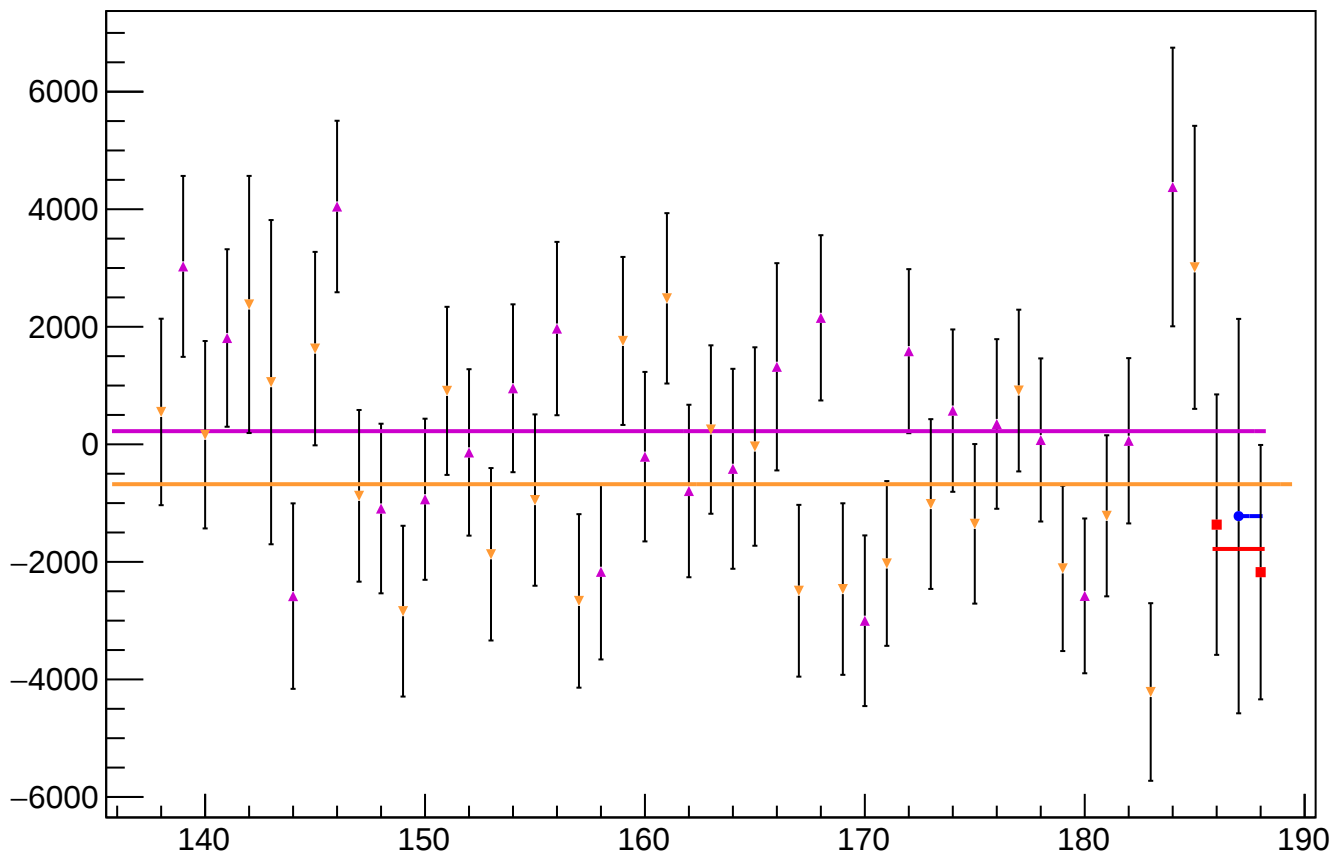
Left In: 5217.971+/-0.895 χ^2/NDF :1058996.1/22

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

All: 5175.328+/-0.615 χ^2/NDF : 2543585.0/50

- sign 5264.622+/-0.882 χ^2/NDF : 1159845.3/24

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1221.249 ± 3355.524 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -678.239 ± 304.647 $\chi^2/\text{NDF}: 34.0/24$

Right Out: -1780.129 ± 1548.240 $\chi^2/\text{NDF}: 0.1/1$

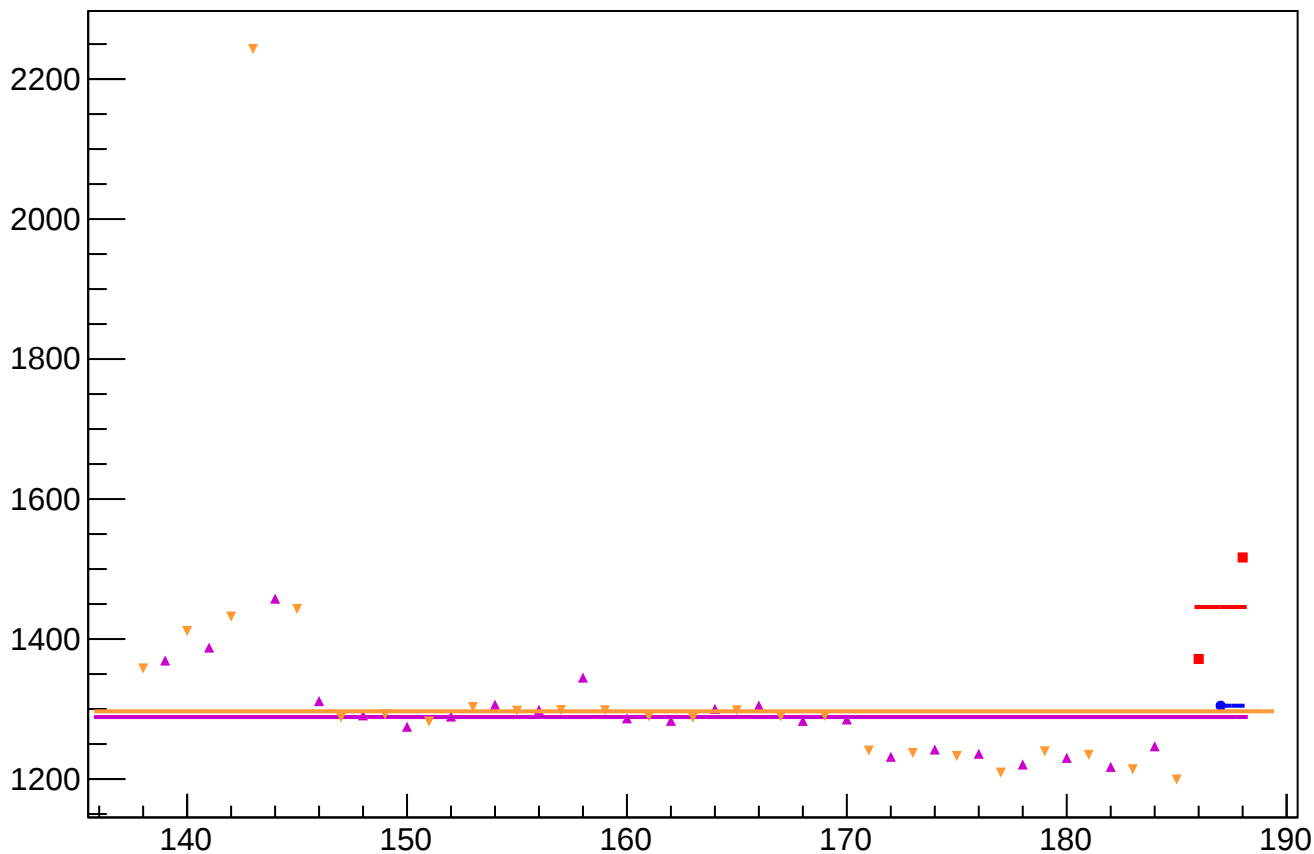
Left In: 224.118 ± 308.124 $\chi^2/\text{NDF}: 36.9/22$

+ sign -682.679 ± 303.399 $\chi^2/\text{NDF}: 34.0/25$

All: -265.811 ± 214.110 $\chi^2/\text{NDF}: 76.3/50$

- sign 147.760 ± 302.197 $\chi^2/\text{NDF}: 38.5/24$

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: 1445.748+/-1.095 χ^2/NDF : 4382.5/1

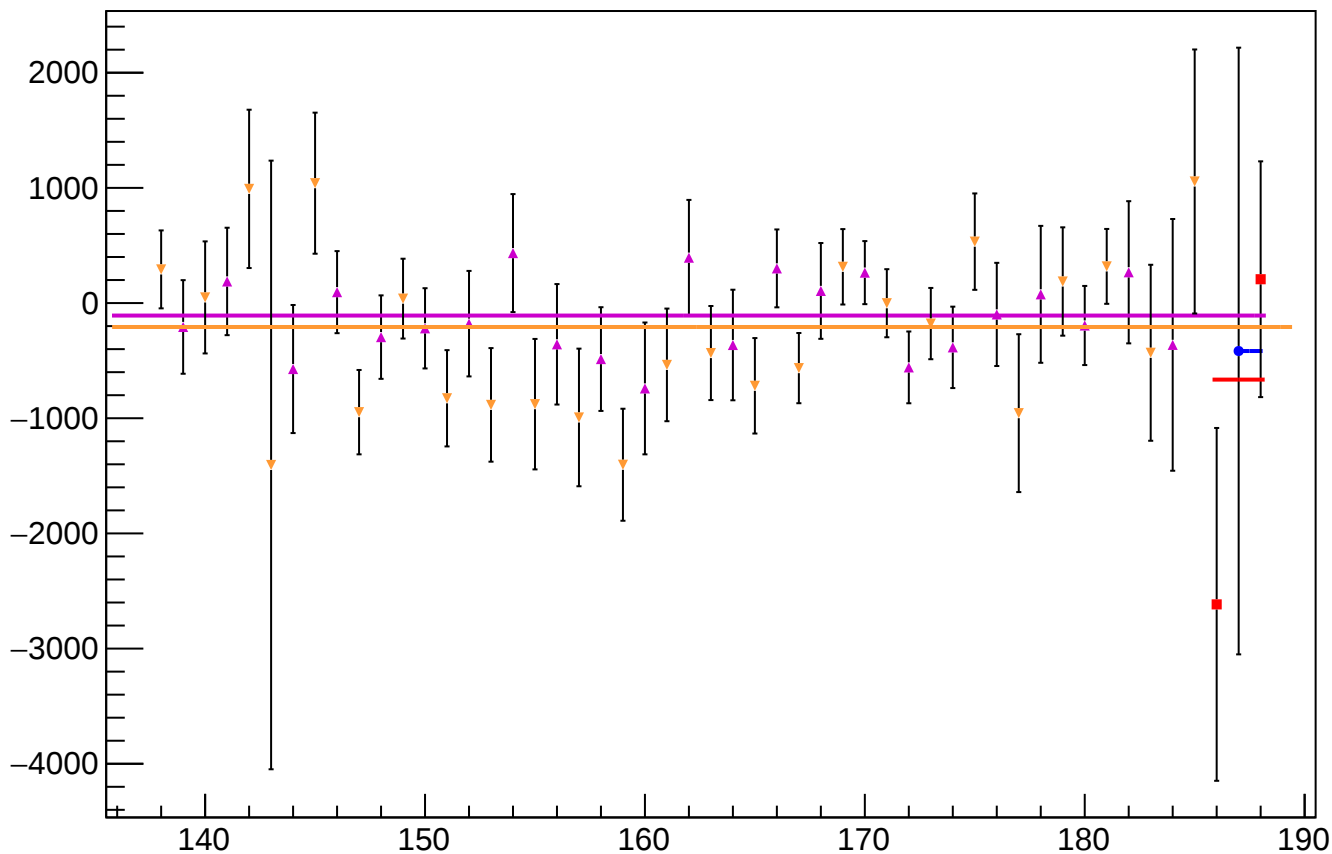
Left In: 1288.577+/-0.218 χ^2/NDF :64066.8/22

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

All: 1295.701+/-0.151 χ^2/NDF : 396875.8/50

- sign 1294.565+/-0.214 χ^2/NDF : 88274.9/24

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -416.388+/-2633.823 χ^2/NDF : 0.0/0

Left Out: -207.768+/-85.771 χ^2/NDF : 43.3/24

Right Out: -664.549+/-851.034 χ^2/NDF : 2.3/1

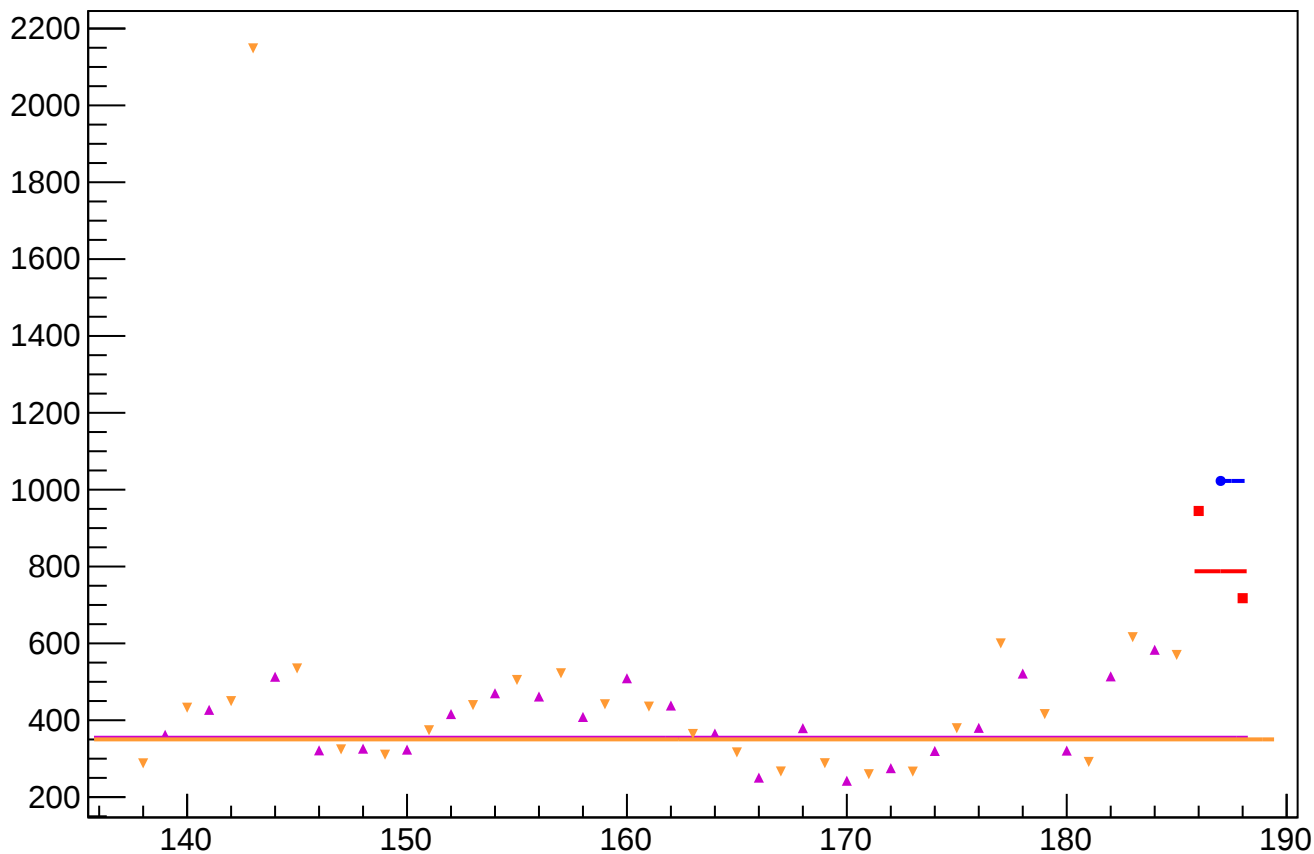
Left In: -108.502+/-87.013 χ^2/NDF : 13.3/22

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

All: -161.576+/-60.911 χ^2/NDF : 60.0/50

- sign -114.254+/-86.561 χ^2/NDF : 16.1/24

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: 787.684+/-0.602 χ^2/NDF : 30353.5/1

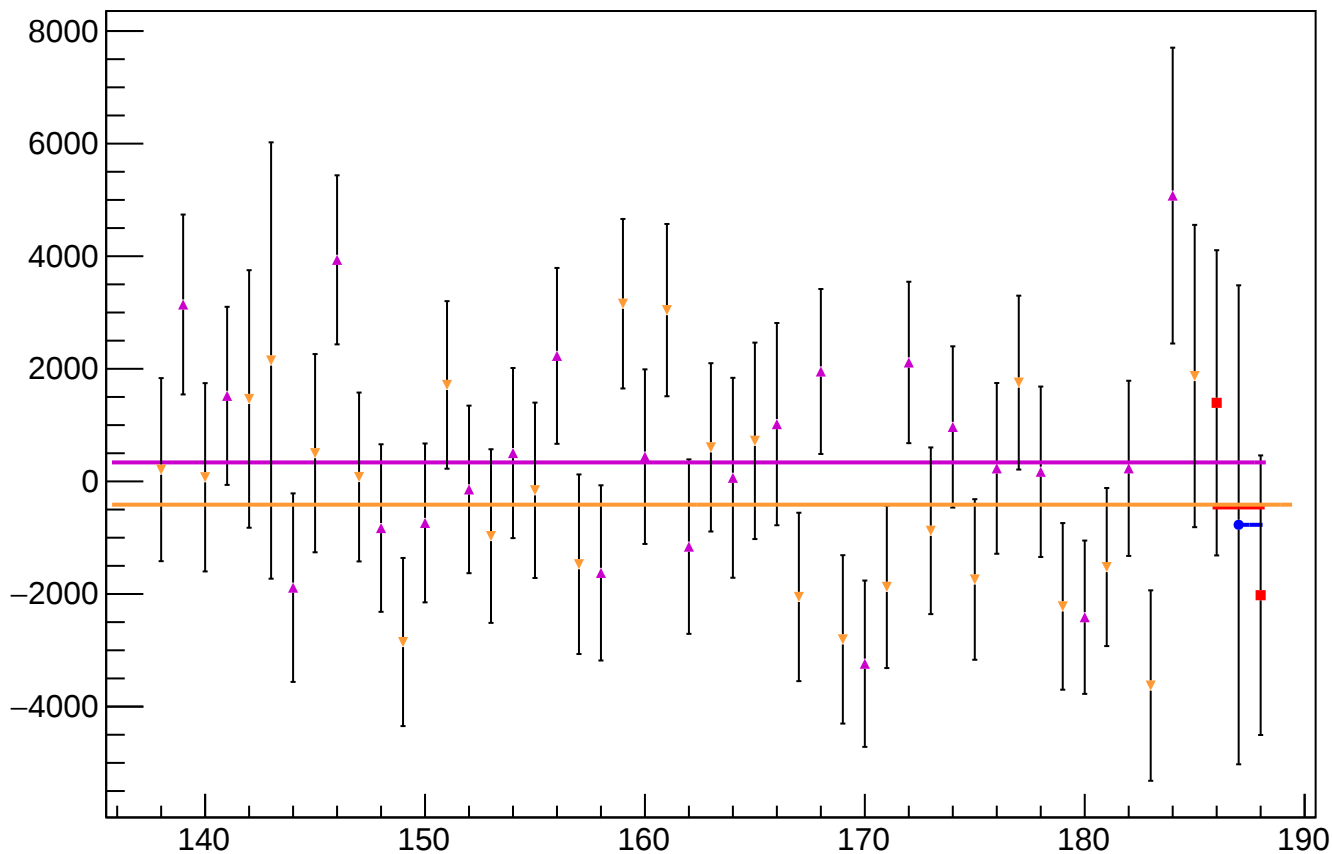
Left In: 354.460+/-0.062 χ^2/NDF : 1794499.3/22

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

All: 354.892+/-0.043 χ^2/NDF : 5574936.8/50

- sign 358.942+/-0.061 χ^2/NDF : 2337766.6/24

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: -462.391+/-1831.085 χ^2/NDF : 0.9/1

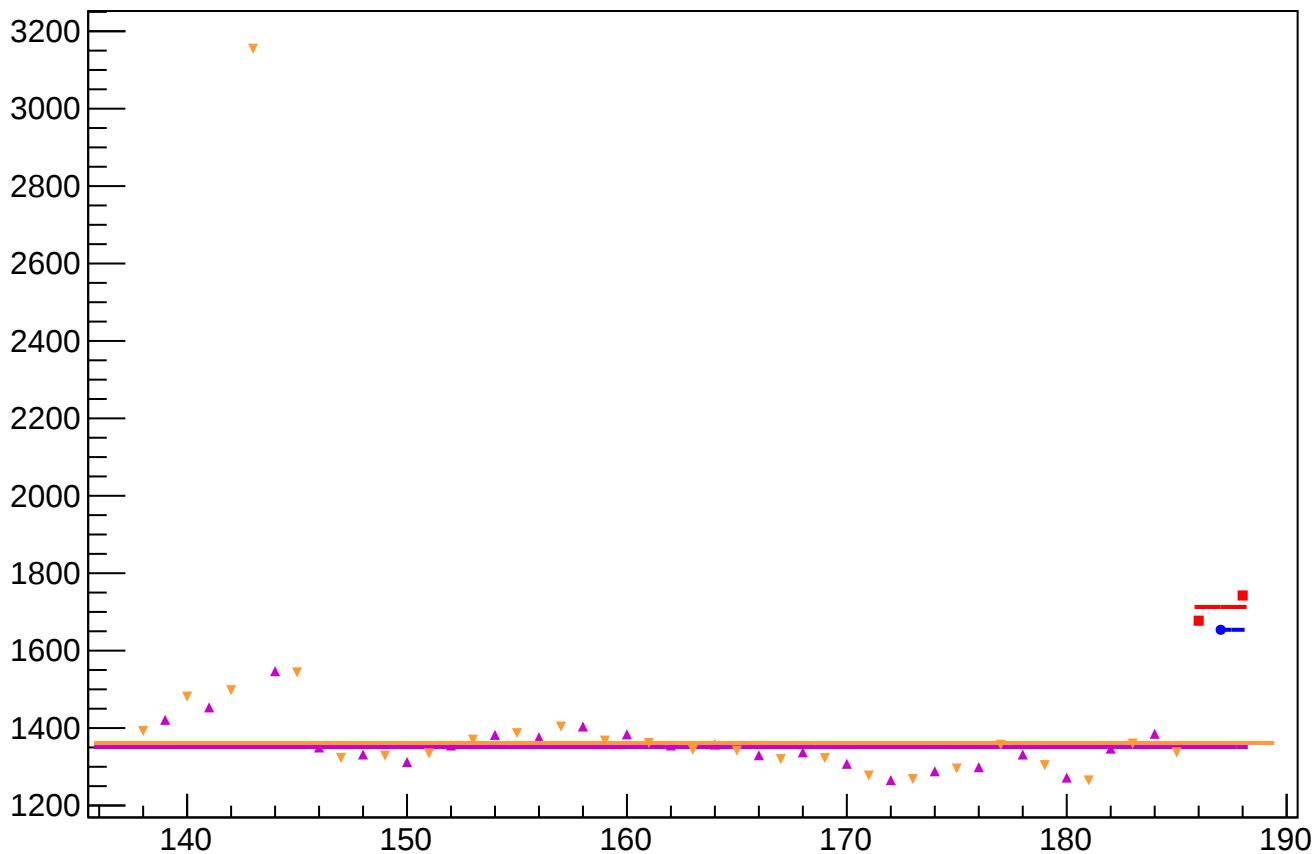
Left In: 337.193+/-323.023 χ^2/NDF : 32.8/22

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

All: -49.290+/-225.523 χ^2/NDF : 69.2/50

- sign 313.060+/-318.111 χ^2/NDF : 33.8/24

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: 1712.759+/-1.295 χ^2/NDF : 628.3/1

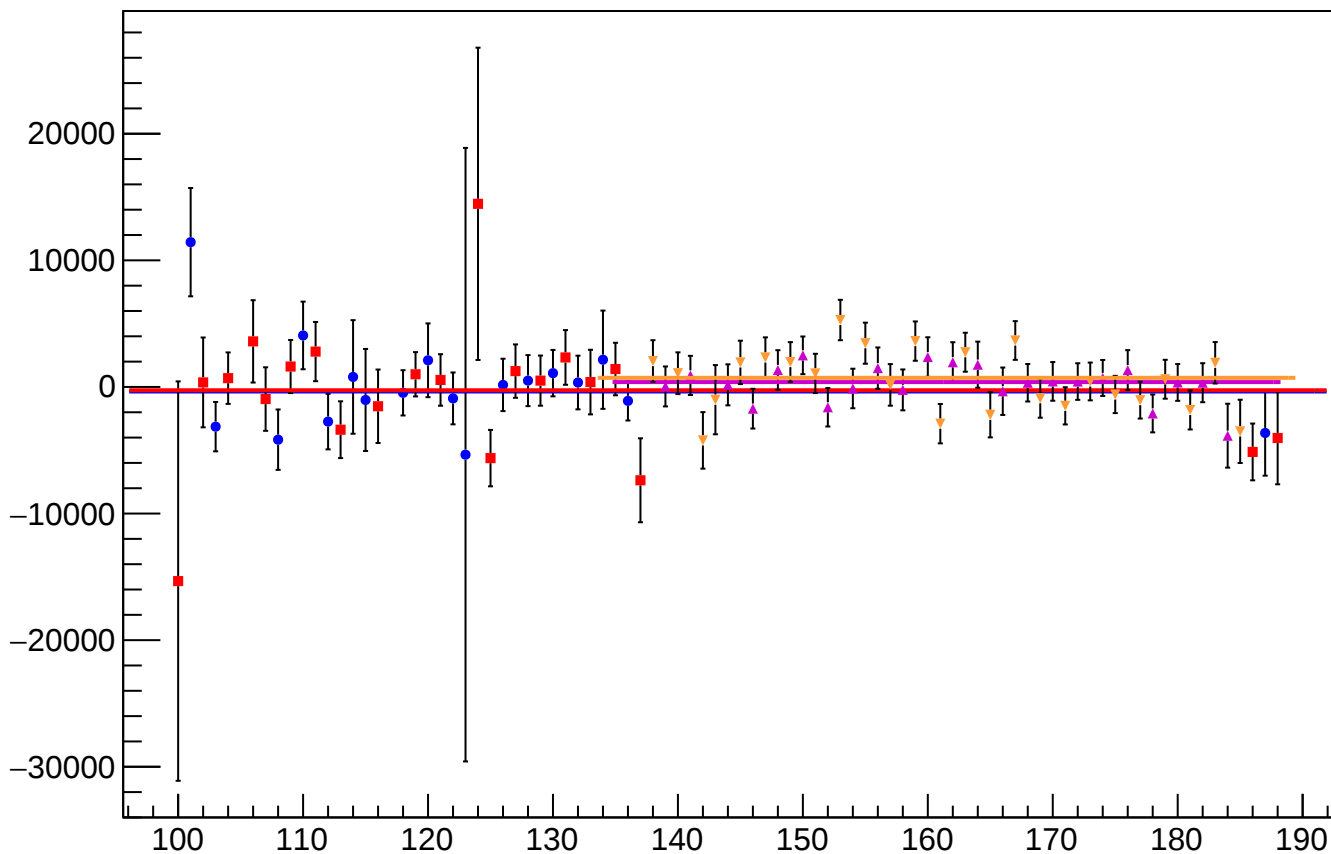
Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

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

All: 1362.543+/-0.159 χ^2/NDF : 662587.2/50

- sign 1361.931+/-0.225 χ^2/NDF : 145309.3/24

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -359.481 ± 559.585 $\chi^2/\text{NDF}: 19.6/17$

Left Out: 719.996 ± 325.895 $\chi^2/\text{NDF}: 48.2/24$

Right Out: -262.105 ± 532.293 $\chi^2/\text{NDF}: 28.4/20$

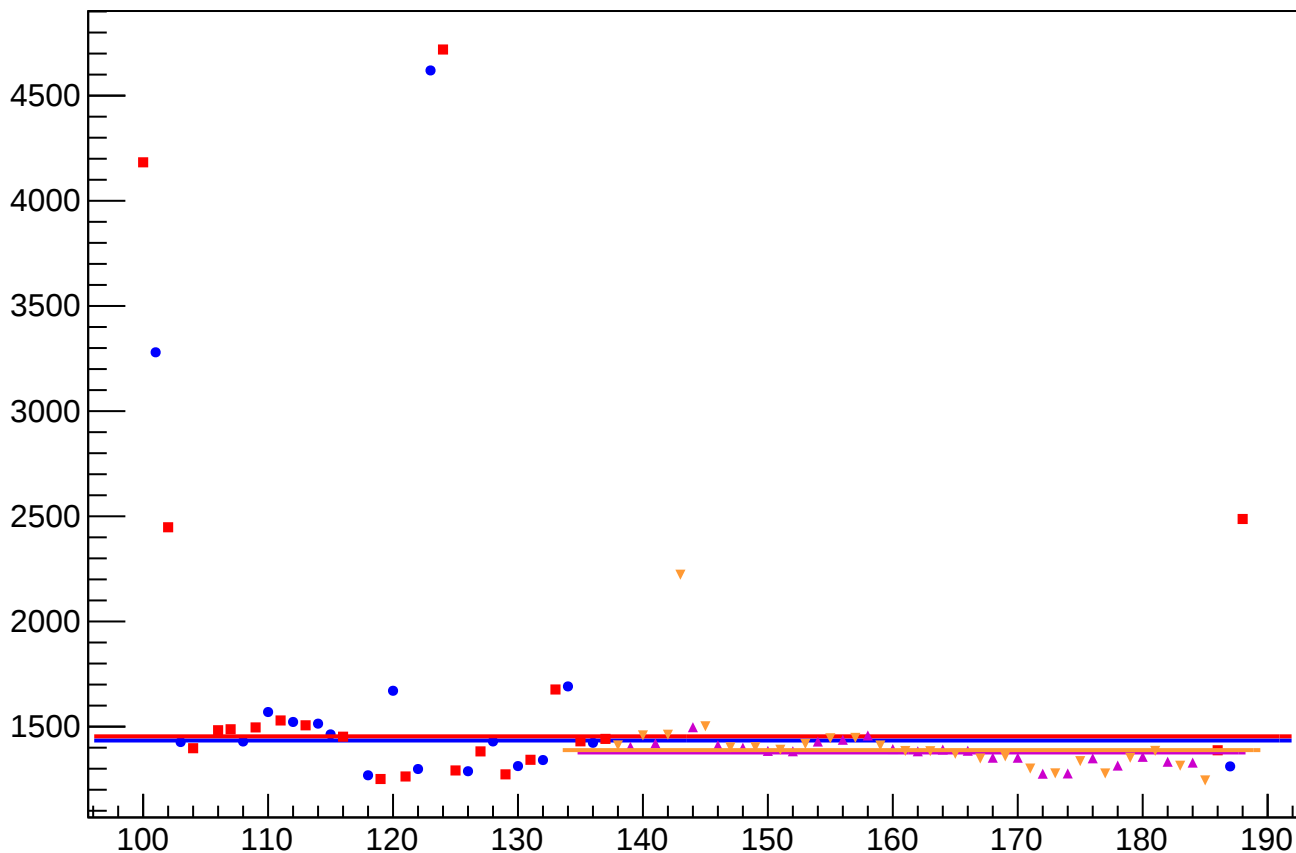
Left In: 384.154 ± 329.218 $\chi^2/\text{NDF}: 16.1/22$

+ sign 446.595 ± 281.617 $\chi^2/\text{NDF}: 70.6/42$

All: 325.270 ± 198.556 $\chi^2/\text{NDF}: 116.4/86$

- sign 205.342 ± 279.992 $\chi^2/\text{NDF}: 45.5/43$

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: 1453.923 $\pm$ 0.376 χ^2 /NDF: 619471.4/20

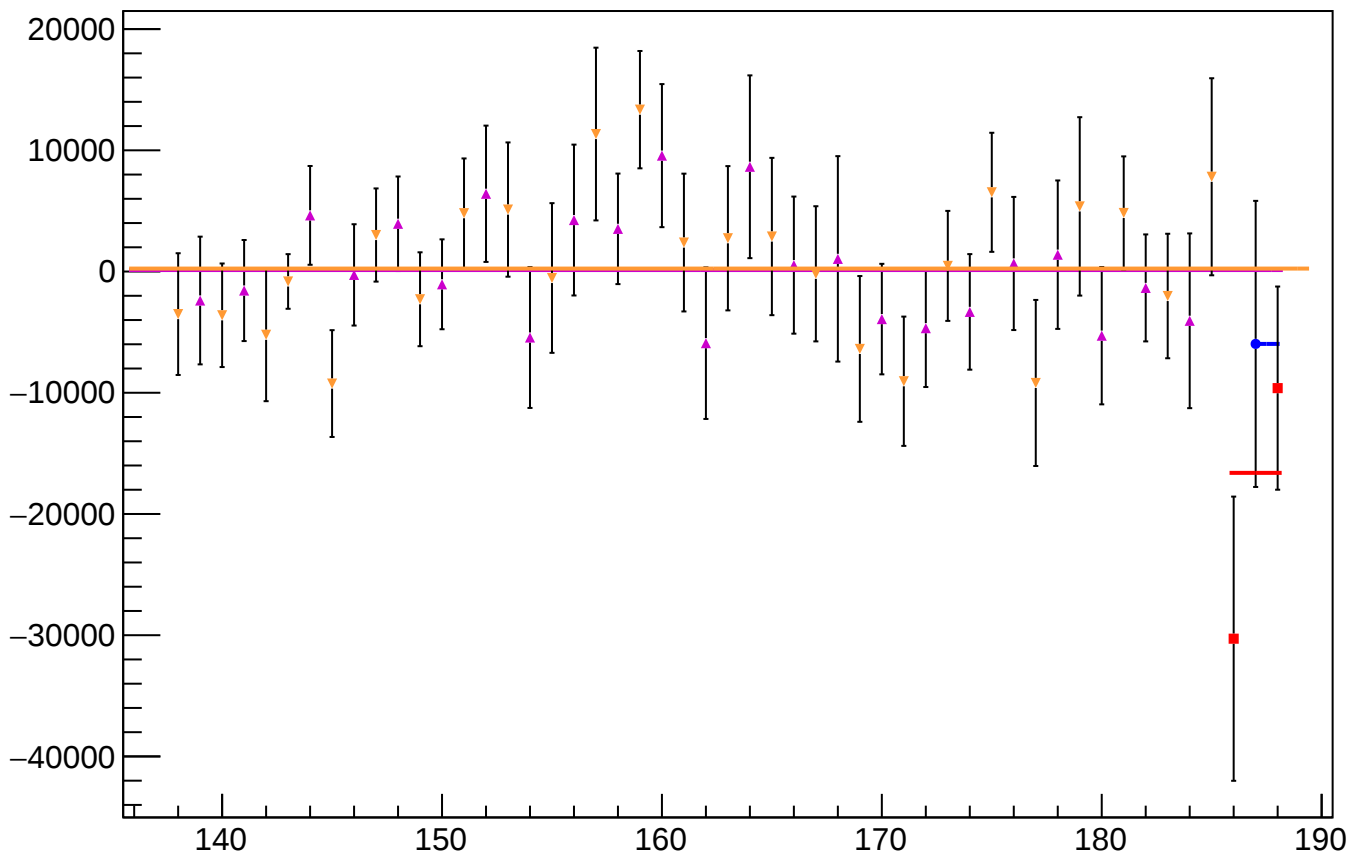
Left In: 1377.178 $\pm$ 0.233 χ^2 /NDF: 52477.1/22

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

All: 1399.186 $\pm$ 0.140 χ^2 /NDF: 1455172.9/86

- sign 1398.430 $\pm$ 0.198 χ^2 /NDF: 702043.7/43

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -5970.763+/-11800.563 χ^2/NDF : 0.0/0

Left Out: 244.145+/-958.930 χ^2/NDF : 30.5/24

Right Out: -16608.301+/-6817.149 χ^2/NDF : 2.1/1

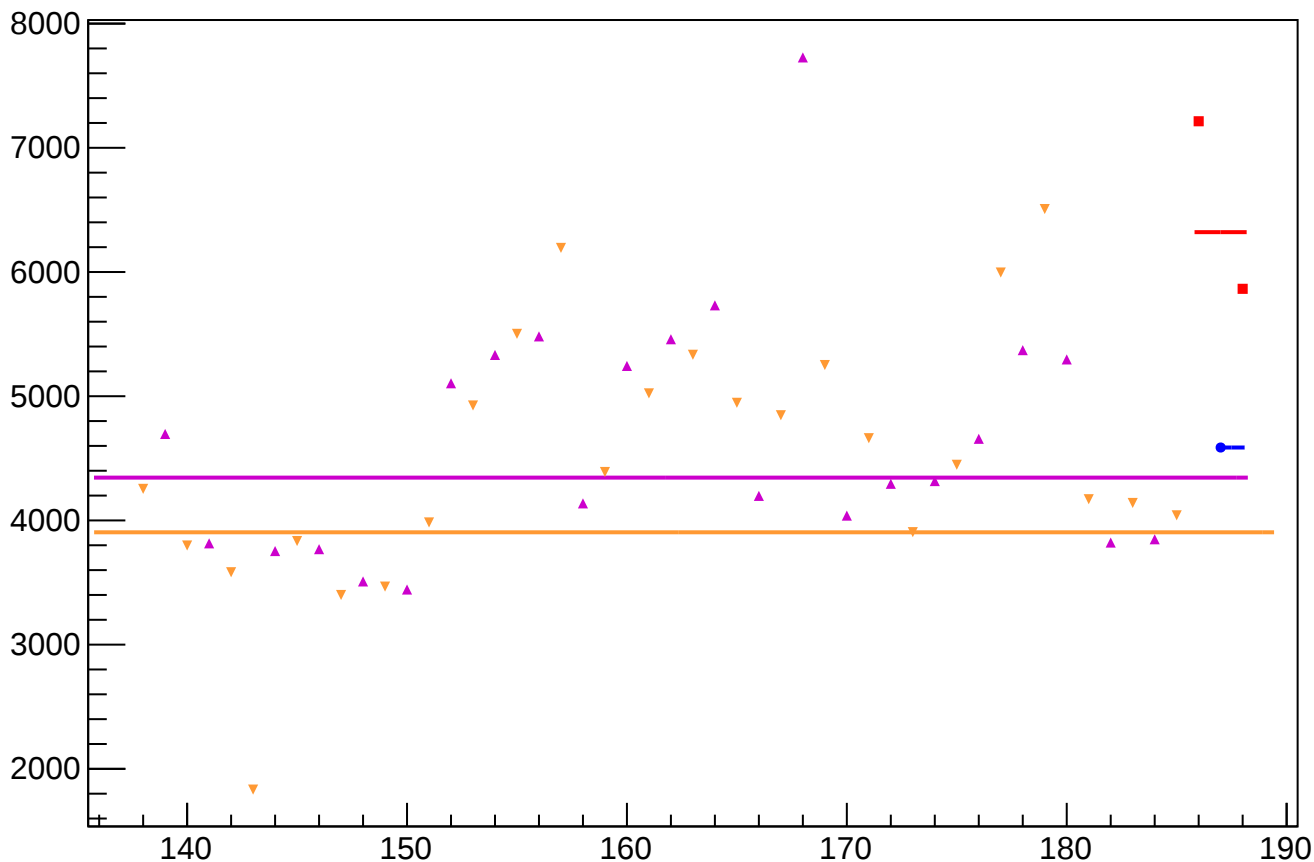
Left In: 123.071+/-1055.240 χ^2/NDF : 14.3/22

+ sign 203.375+/-955.780 χ^2/NDF : 30.8/25

All: -12.024+/-704.604 χ^2/NDF : 53.2/50

- sign -268.441+/-1042.820 χ^2/NDF : 22.3/24

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 4587.015+/-8.344 χ^2/NDF : 0.0/0

Left Out: 3904.444+/-0.678 χ^2/NDF : 3111666.2/24

Right Out: 6320.969+/-4.820 χ^2/NDF : 17529.4/1

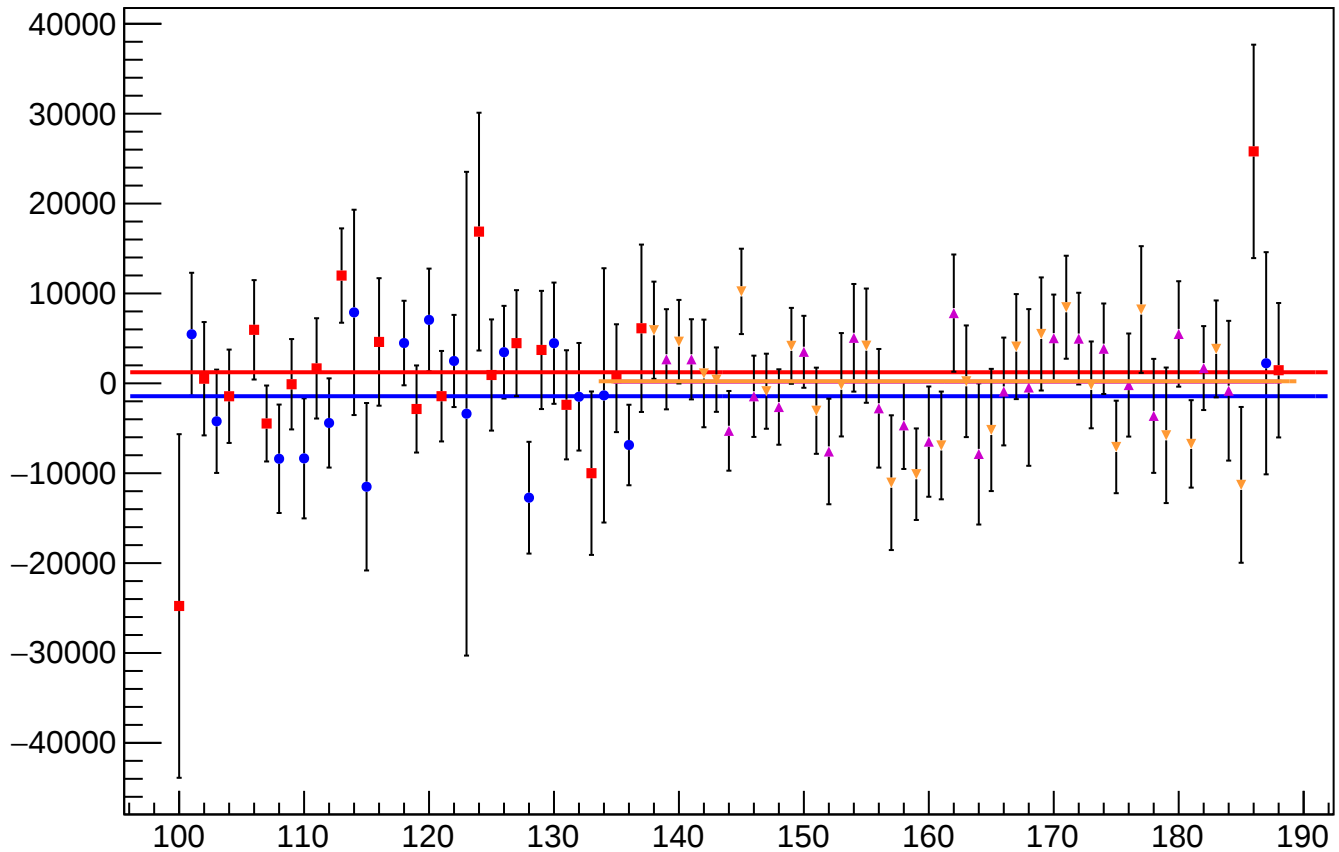
Left In: 4344.640+/-0.746 χ^2/NDF : 1160183.3/22

+ sign 3908.922+/-0.676 χ^2/NDF : 3118313.8/25

All: 4128.953+/-0.498 χ^2/NDF : 4692358.1/50

- sign 4390.886+/-0.737 χ^2/NDF : 1341869.9/24

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: 1233.245 ± 1347.287 χ^2/NDF : 18.5/20

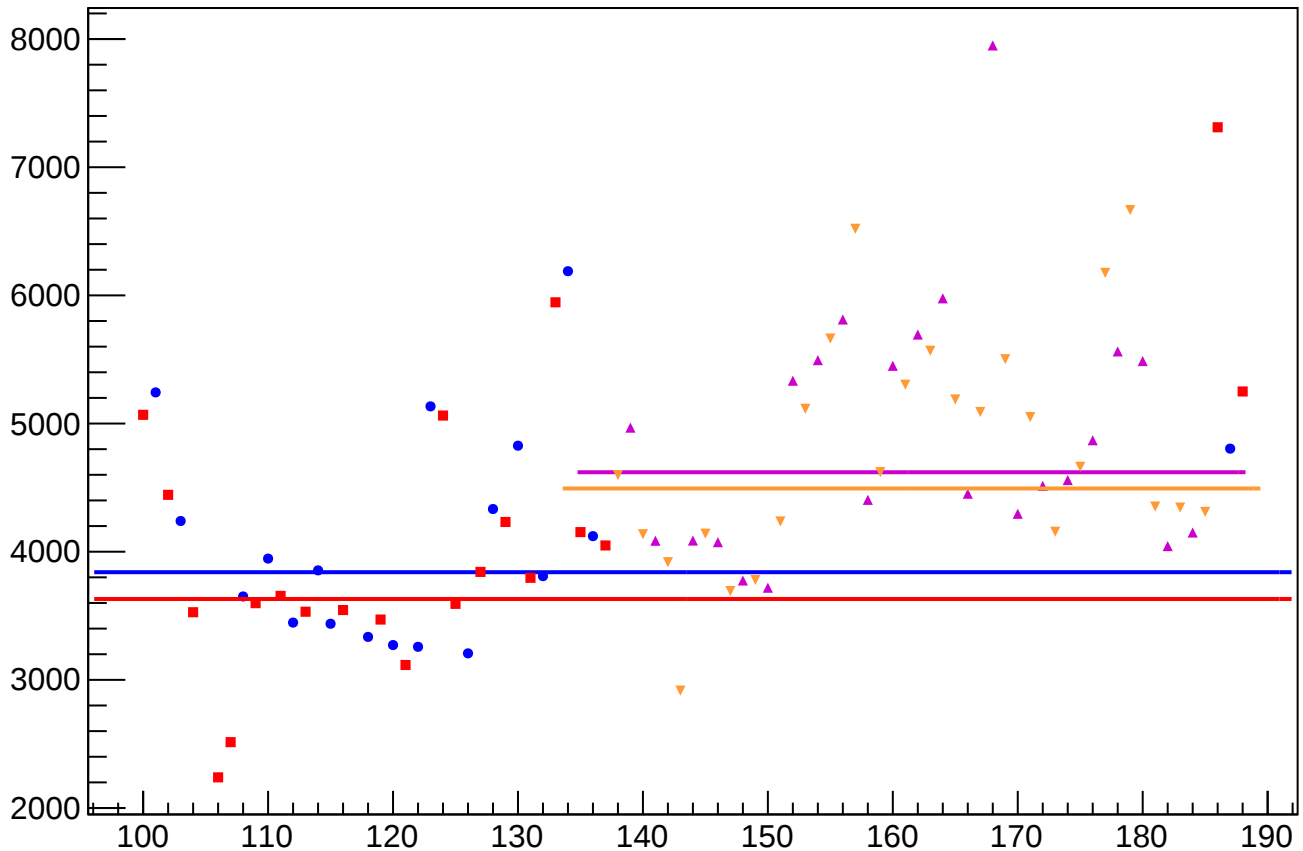
Left In: 185.280 ± 1119.296 χ^2/NDF : 14.3/22

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

All: 142.307 ± 612.182 χ^2/NDF : 79.4/86

- sign 613.218 ± 860.948 χ^2/NDF : 33.1/43

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: 3631.101 ± 0.944 χ^2/NDF : 852723.3/20

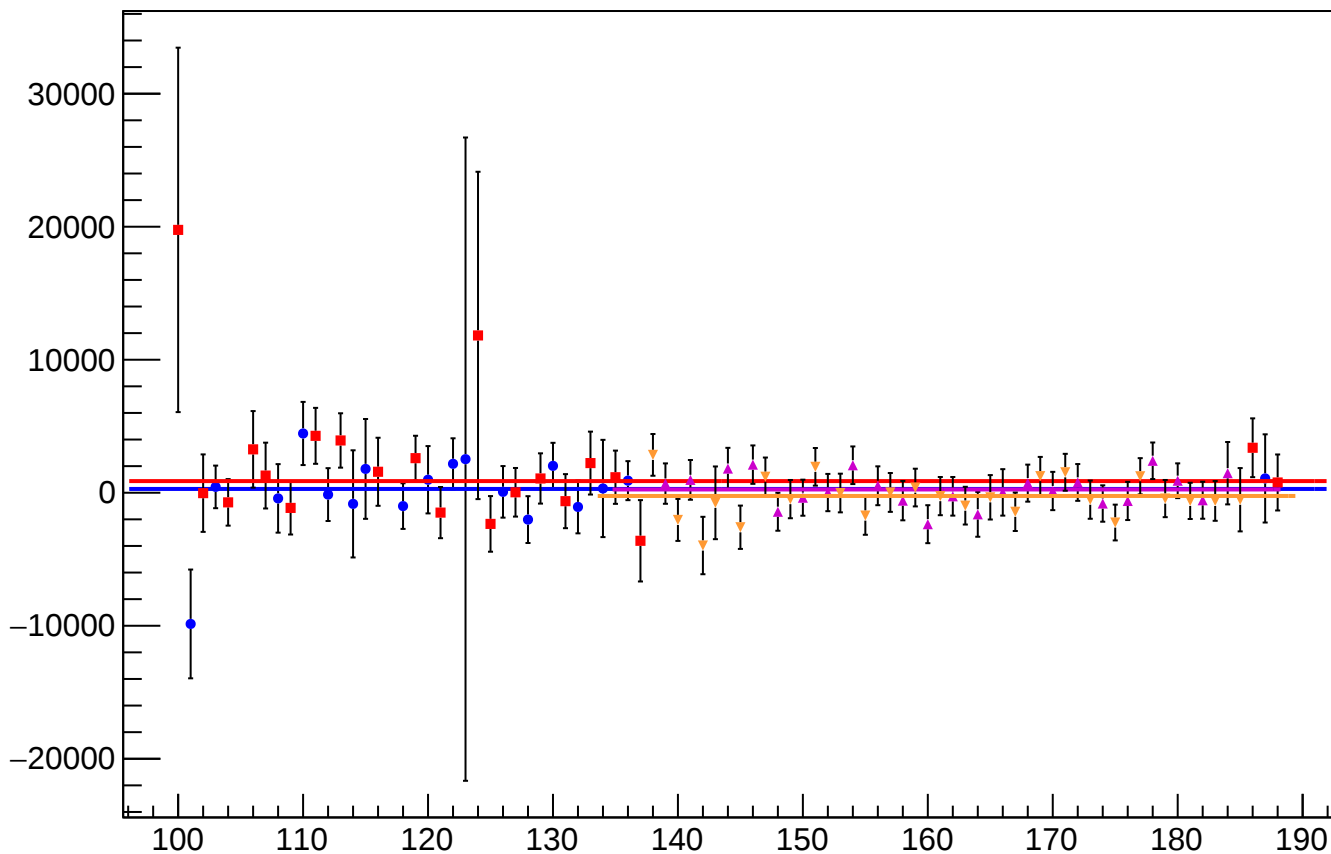
Left In: 4619.952 ± 0.791 χ^2/NDF : 1001966.3/22

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

All: 4240.421 ± 0.432 χ^2/NDF : 4412565.3/80

- sign 4211.980 ± 0.607 χ^2/NDF : 2498712.2/43

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 285.716 $\pm$ 517.121 χ^2/NDF : 14.7/17

Left Out: -242.571 $\pm$ 301.700 χ^2/NDF : 22.3/24

Right Out: 875.537 $\pm$ 485.170 χ^2/NDF : 19.8/20

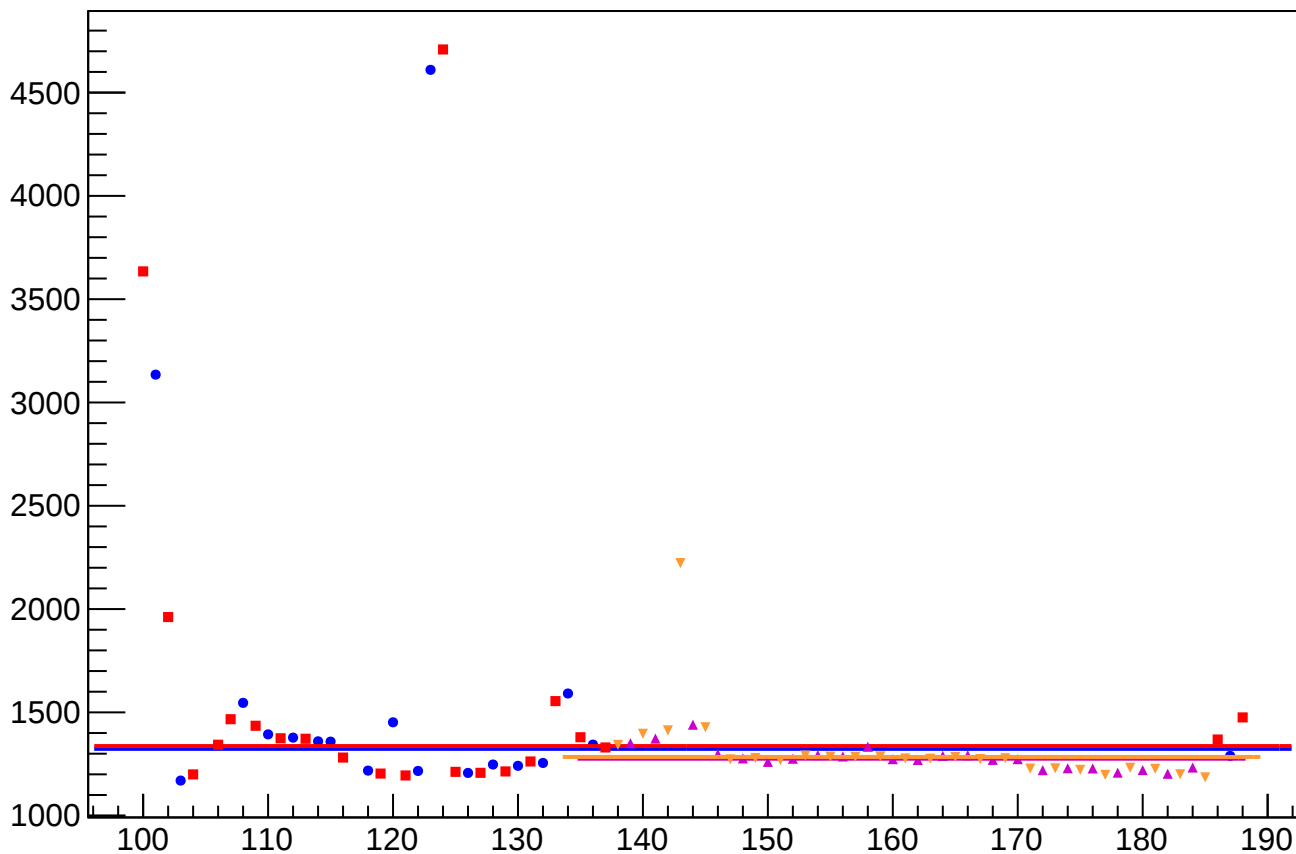
Left In: 245.829 $\pm$ 305.043 χ^2/NDF : 15.9/22

+ sign -108.416 $\pm$ 260.592 χ^2/NDF : 37.7/42

All: 160.322 $\pm$ 183.430 χ^2/NDF : 76.7/86

- sign 424.233 $\pm$ 258.242 χ^2/NDF : 36.9/43

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: 1336.872 $\pm$ 0.343 χ^2 /NDF: 401918.2/20

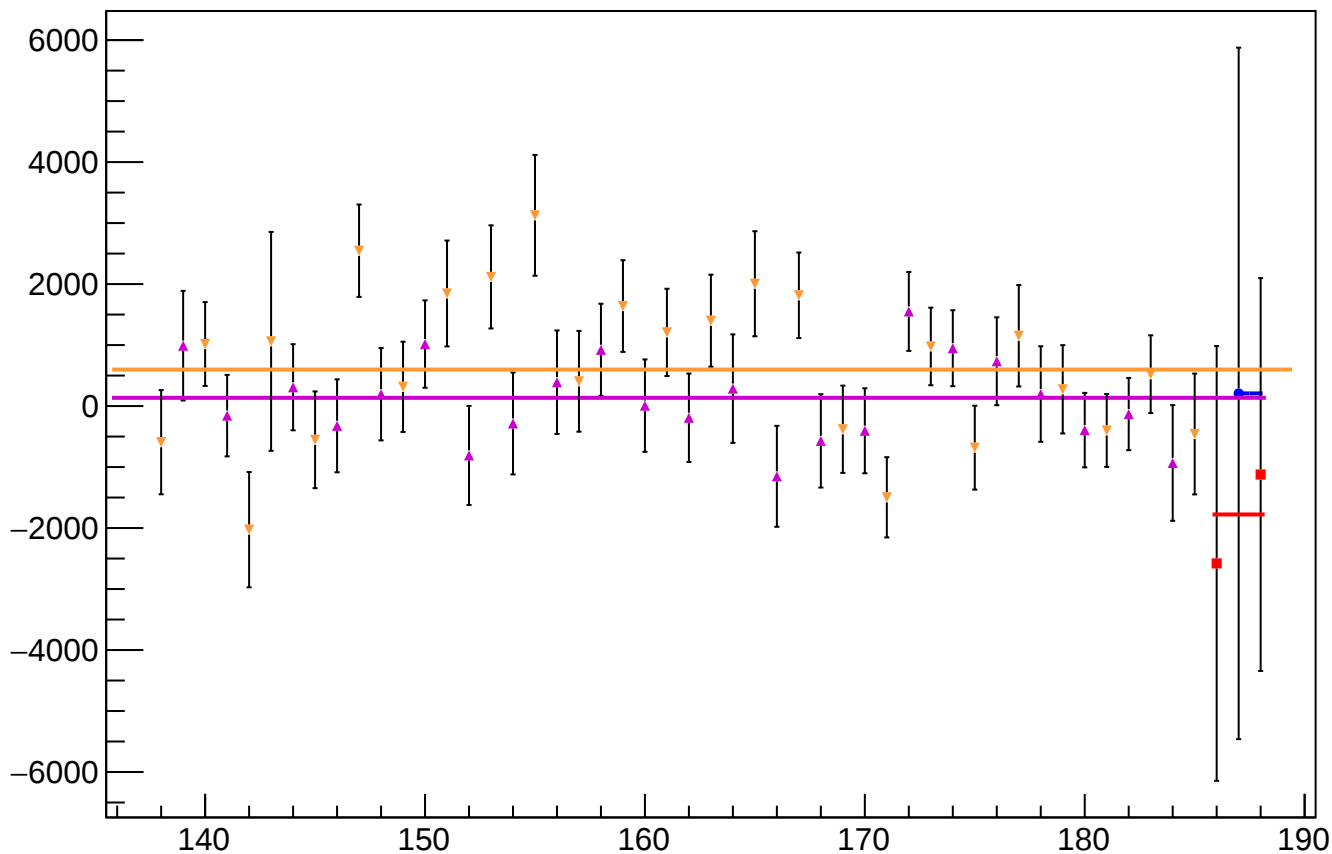
Left In: 1275.674 $\pm$ 0.216 χ^2 /NDF:62431.9/22

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

All: 1293.585 $\pm$ 0.130 χ^2 /NDF: 1316763.6/80

- sign 1293.012 $\pm$ 0.183 χ^2 /NDF: 487156.2/43

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: -1777.241 $\pm$ 2389.406 χ^2 /NDF: 0.1/1

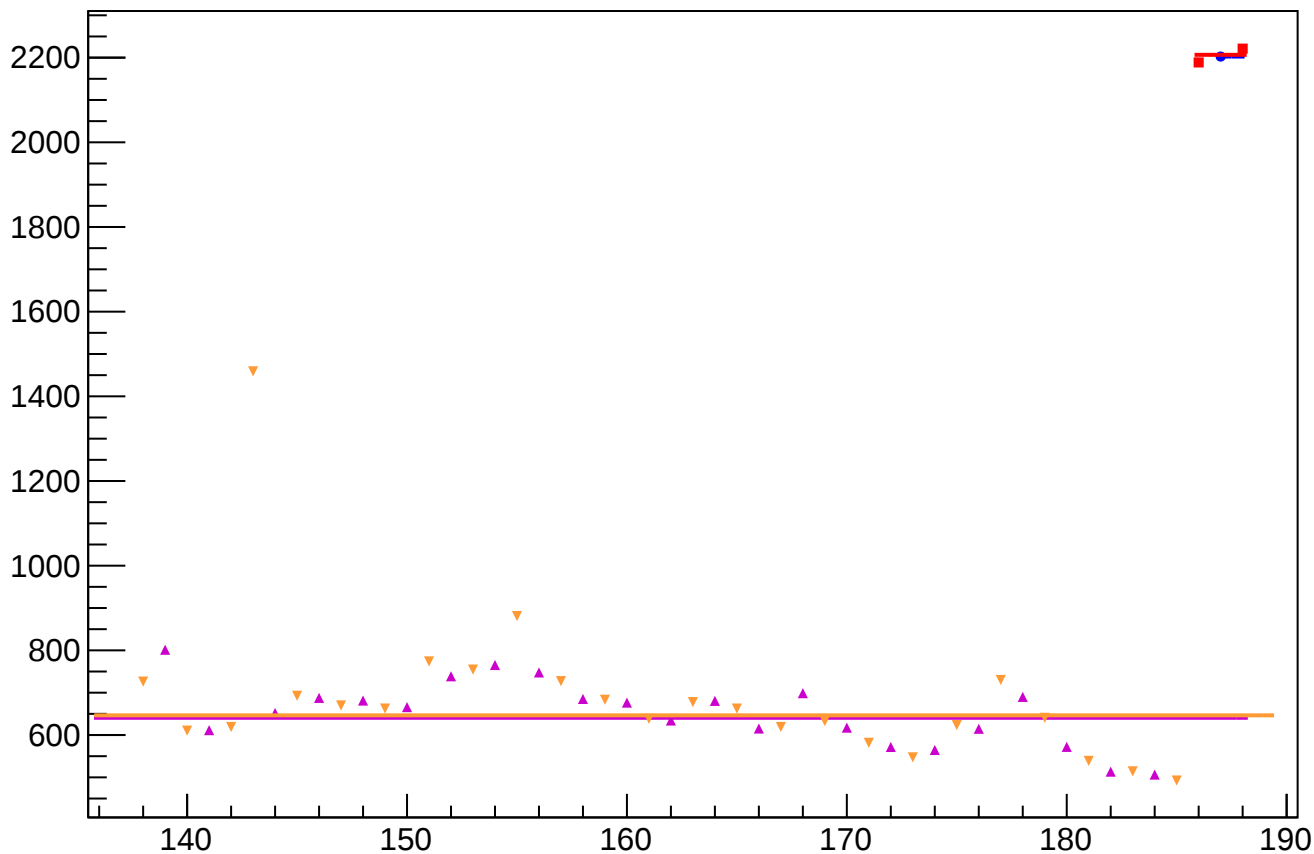
Left In: 135.168 $\pm$ 153.761 χ^2 /NDF:19.4/22

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

All: 363.238 $\pm$ 108.373 χ^2 /NDF: 85.5/50

- sign 127.281 $\pm$ 153.444 χ^2 /NDF: 20.1/24

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: 2206.633 $\pm$ 1.690 χ^2 /NDF: 92.0/1

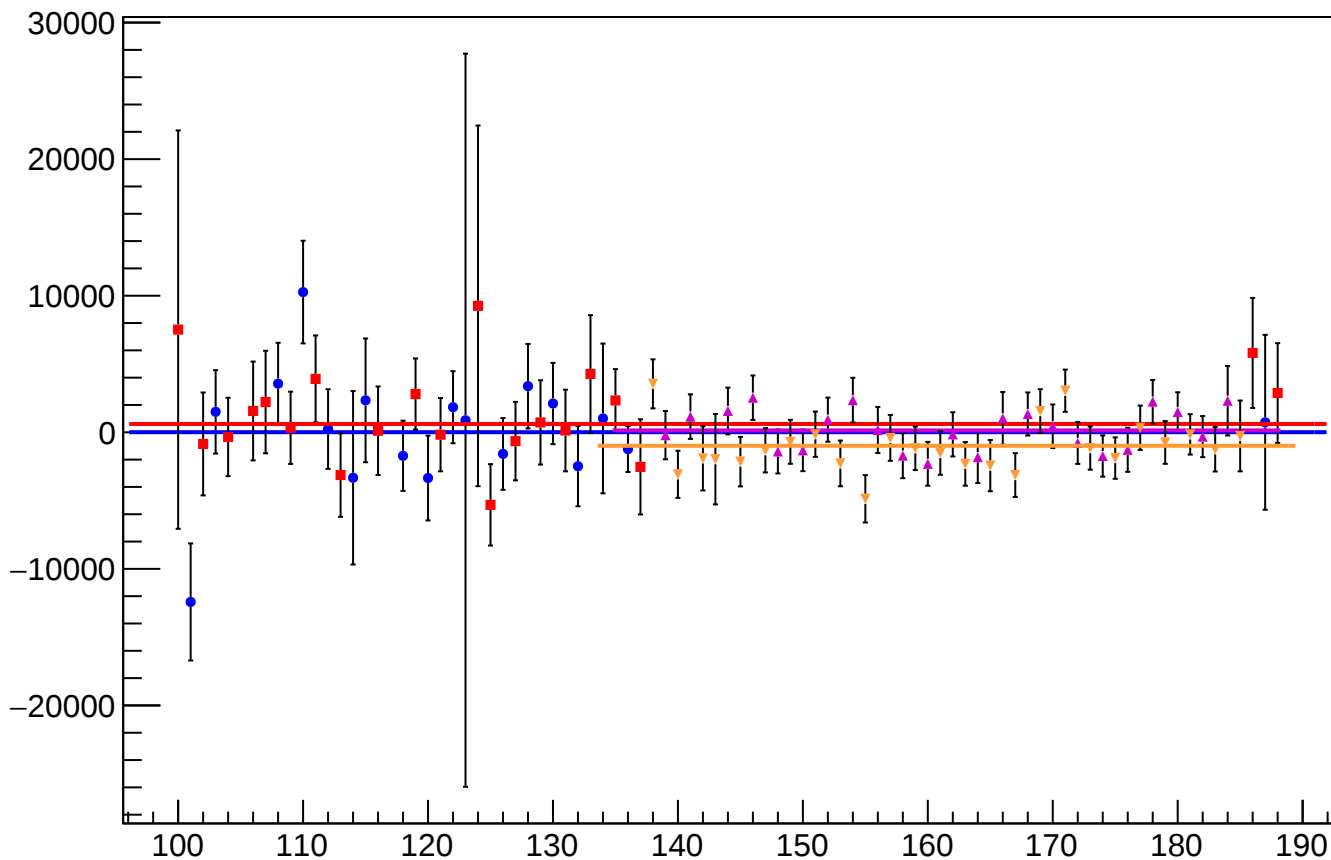
Left In: 640.732 $\pm$ 0.109 χ^2 /NDF:441649.3/22

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

All: 647.421 $\pm$ 0.077 χ^2 /NDF: 2402058.9/50

- sign 647.189 $\pm$ 0.109 χ^2 /NDF: 1297170.6/24

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: 609.102+/-708.156 χ^2/NDF : 12.9/20

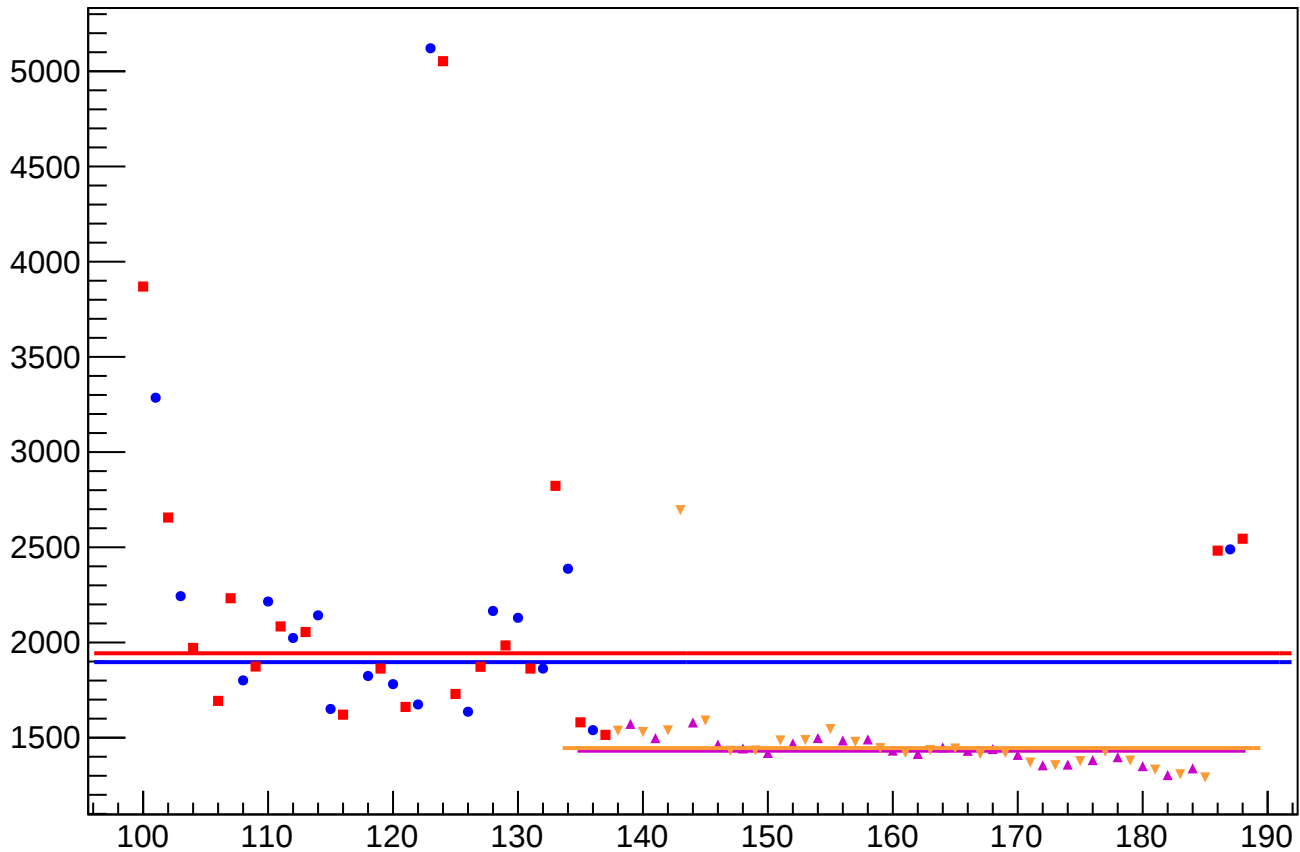
Left In: 137.780+/-342.262 χ^2/NDF : 18.8/22

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

All: -292.483+/-218.117 χ^2/NDF : 91.3/86

- sign 227.029+/-308.157 χ^2/NDF : 32.0/43

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: 1943.395 $\pm$ 0.501 χ^2 /NDF: 558067.4/20

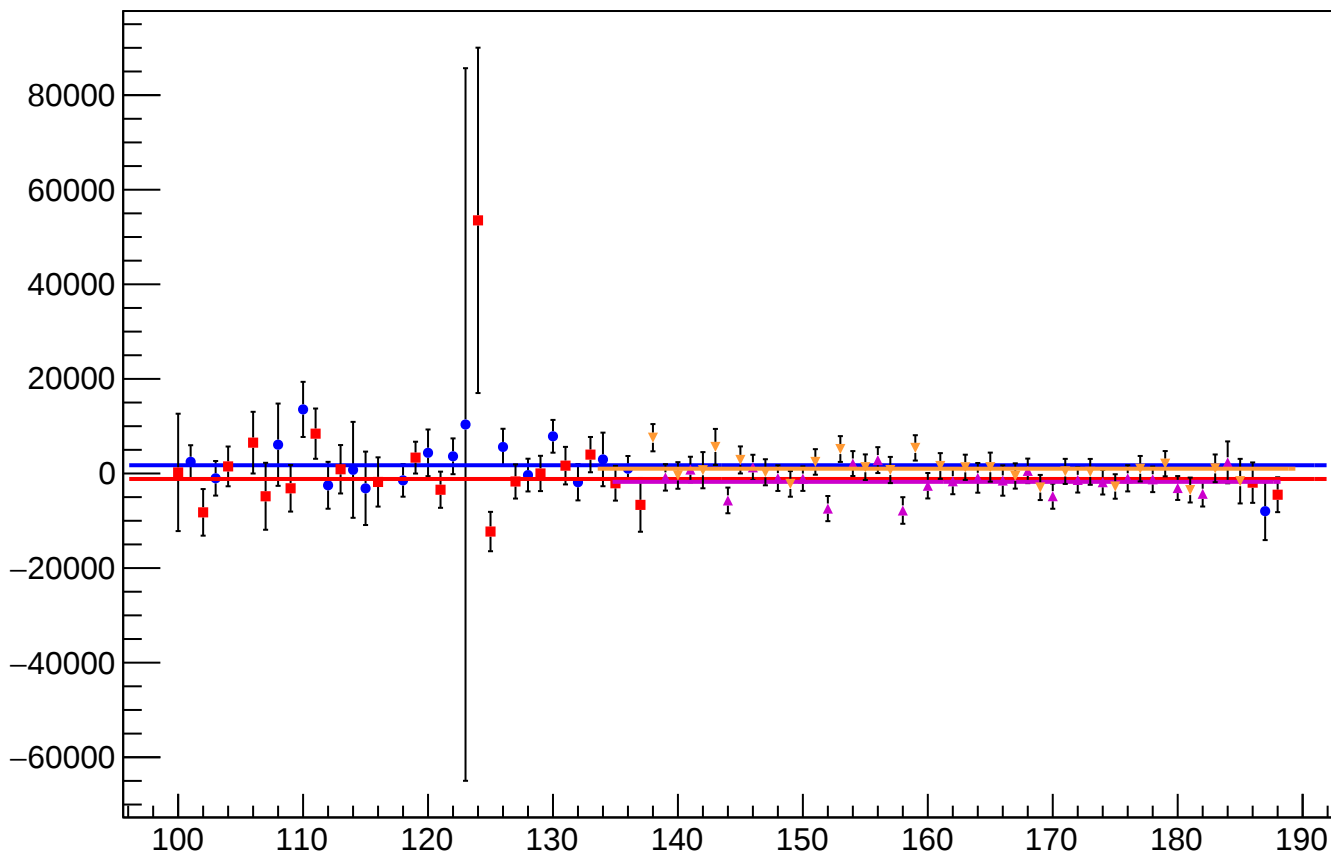
Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

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

All: 1526.286 $\pm$ 0.154 χ^2 /NDF: 2955322.6/80

- sign 1528.566 $\pm$ 0.218 χ^2 /NDF: 1482492.4/43

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: -1160.719 $\pm$ 984.354 χ^2 /NDF: 23.6/20

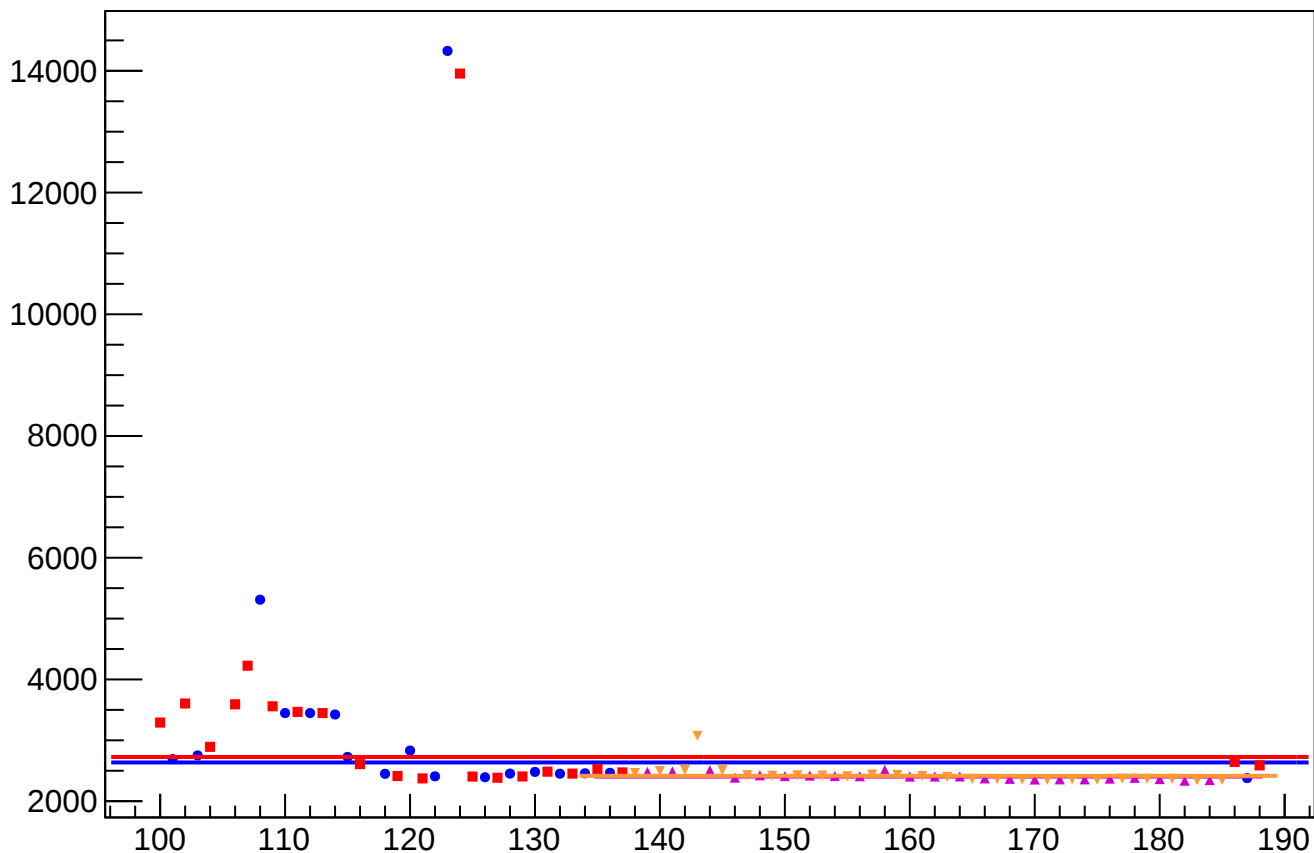
Left In: -1768.654 $\pm$ 574.282 χ^2 /NDF:23.2/22

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

All: -211.938 $\pm$ 350.342 χ^2 /NDF: 101.3/86

- sign -1614.278 $\pm$ 496.036 χ^2 /NDF: 47.1/43

dit_asym_atl1_rms vs Slug



Right In: 2636.171+/-0.722 χ^2/NDF : 396327.3/17

Left Out: 2416.984+/-0.400 χ^2/NDF : 74336.3/24

Right Out: 2726.276+/-0.696 χ^2/NDF : 632051.8/20

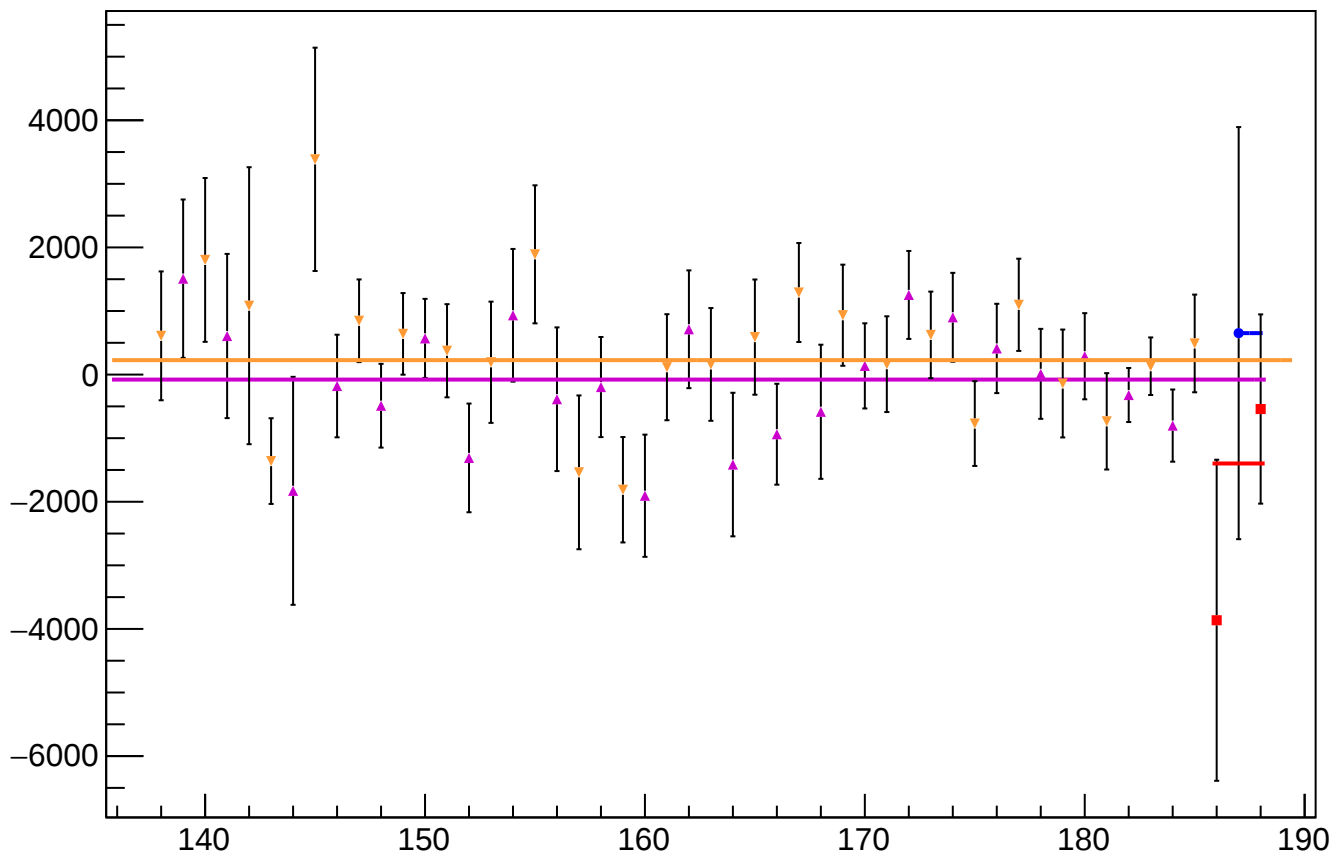
Left In: 2404.873+/-0.406 χ^2/NDF : 14770.0/22

+ sign 2468.467+/-0.350 χ^2/NDF : 541171.3/42

All: 2477.457+/-0.248 χ^2/NDF : 1348391.8/86

- sign 2486.489+/-0.351 χ^2/NDF : 805897.5/43

asym_atl1_correction_mean vs Slug



Right In: 652.196 $\pm$ 3240.518 χ^2/NDF : 0.0/0

Left Out: 227.025 $\pm$ 158.128 χ^2/NDF : 31.3/24

Right Out: -1398.057 $\pm$ 1282.036 χ^2/NDF : 1.3/1

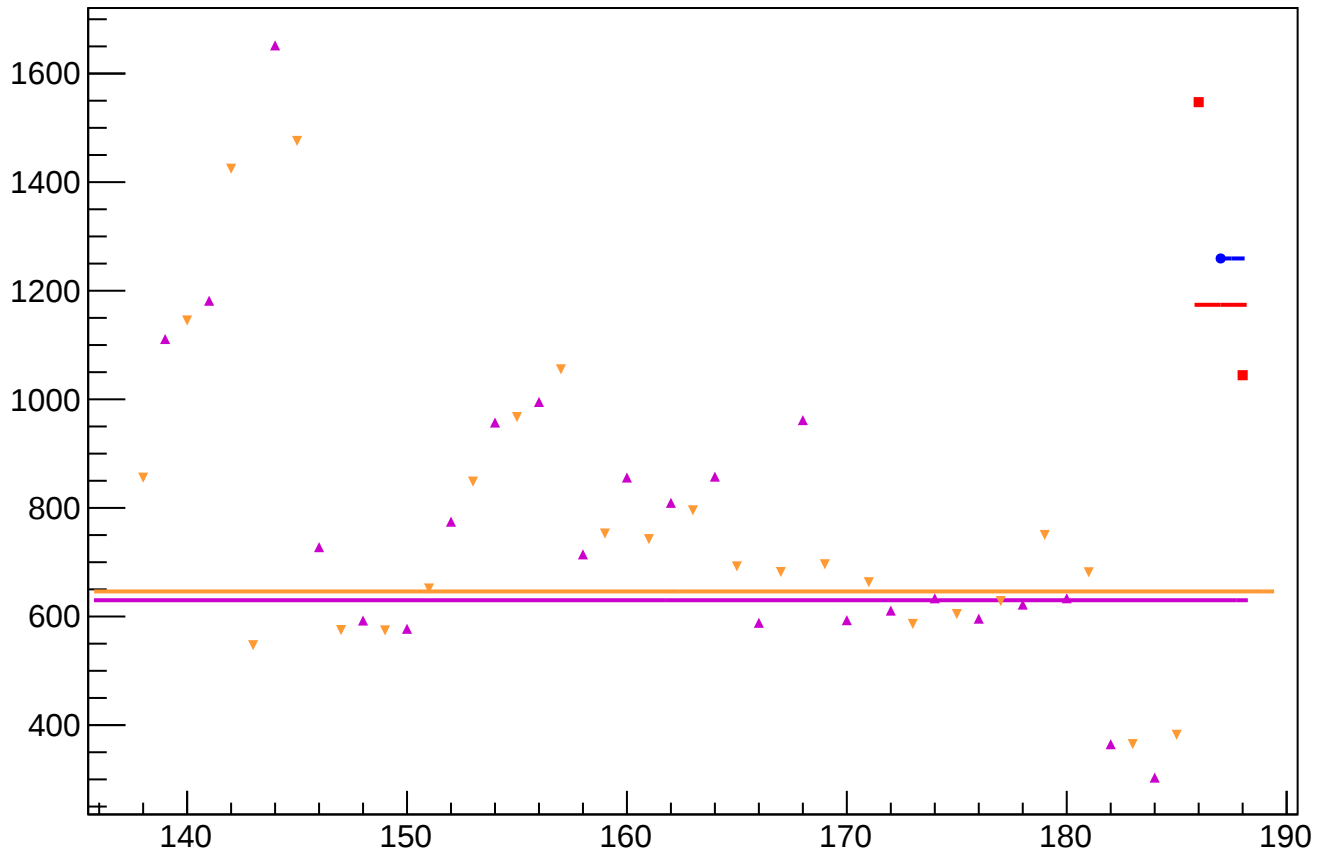
Left In: -78.542 $\pm$ 159.308 χ^2/NDF : 23.1/22

+ sign 228.035 $\pm$ 157.940 χ^2/NDF : 31.3/25

All: 64.871 $\pm$ 111.734 χ^2/NDF : 58.9/50

- sign -98.607 $\pm$ 158.092 χ^2/NDF : 25.5/24

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: 1174.077 $\pm$ 0.907 χ^2 /NDF: 58895.4/1

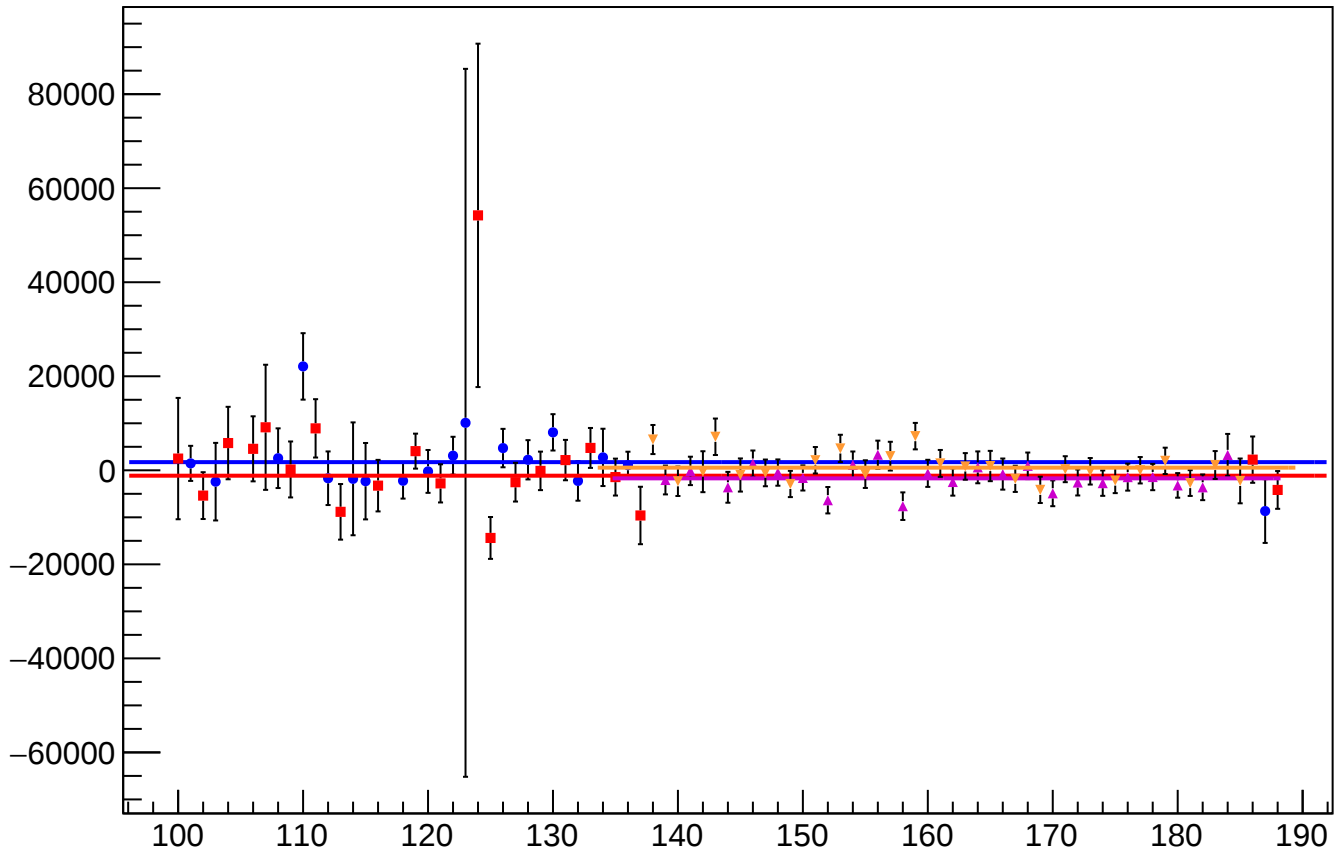
Left In: 629.971 $\pm$ 0.113 χ^2 /NDF: 3773702.5/22

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

All: 642.939 $\pm$ 0.079 χ^2 /NDF: 7137461.1/50

- sign 638.245 $\pm$ 0.112 χ^2 /NDF: 4187364.2/24

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: -1146.448 $\pm$ 1108.831 χ^2 /NDF: 26.4/20

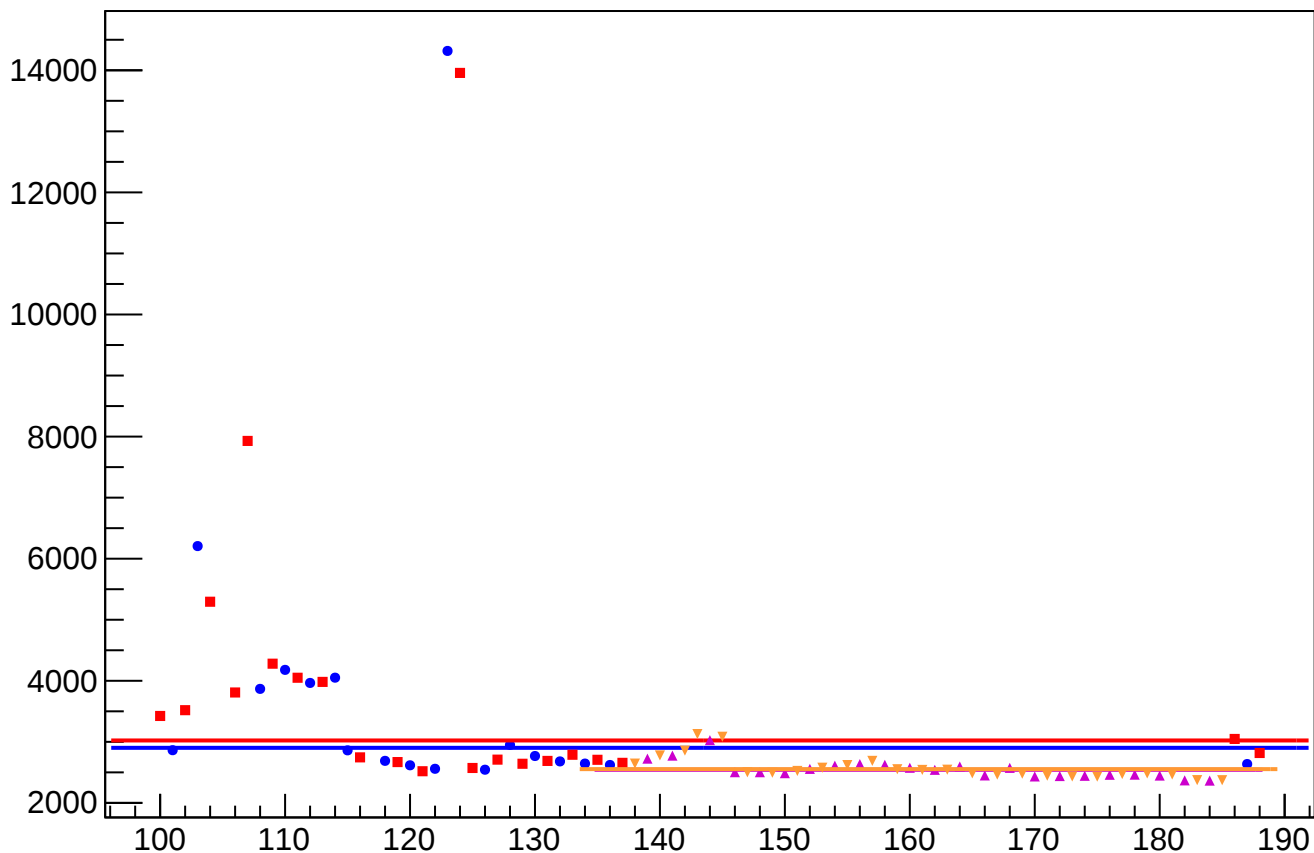
Left In: -1713.317 $\pm$ 607.775 χ^2 /NDF: 18.1/22

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

All: -372.177 $\pm$ 375.557 χ^2 /NDF: 98.1/86

- sign -1582.354 $\pm$ 532.964 χ^2 /NDF: 44.6/43

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: 3022.631+/-0.784 χ^2/NDF : 1016971.0/20

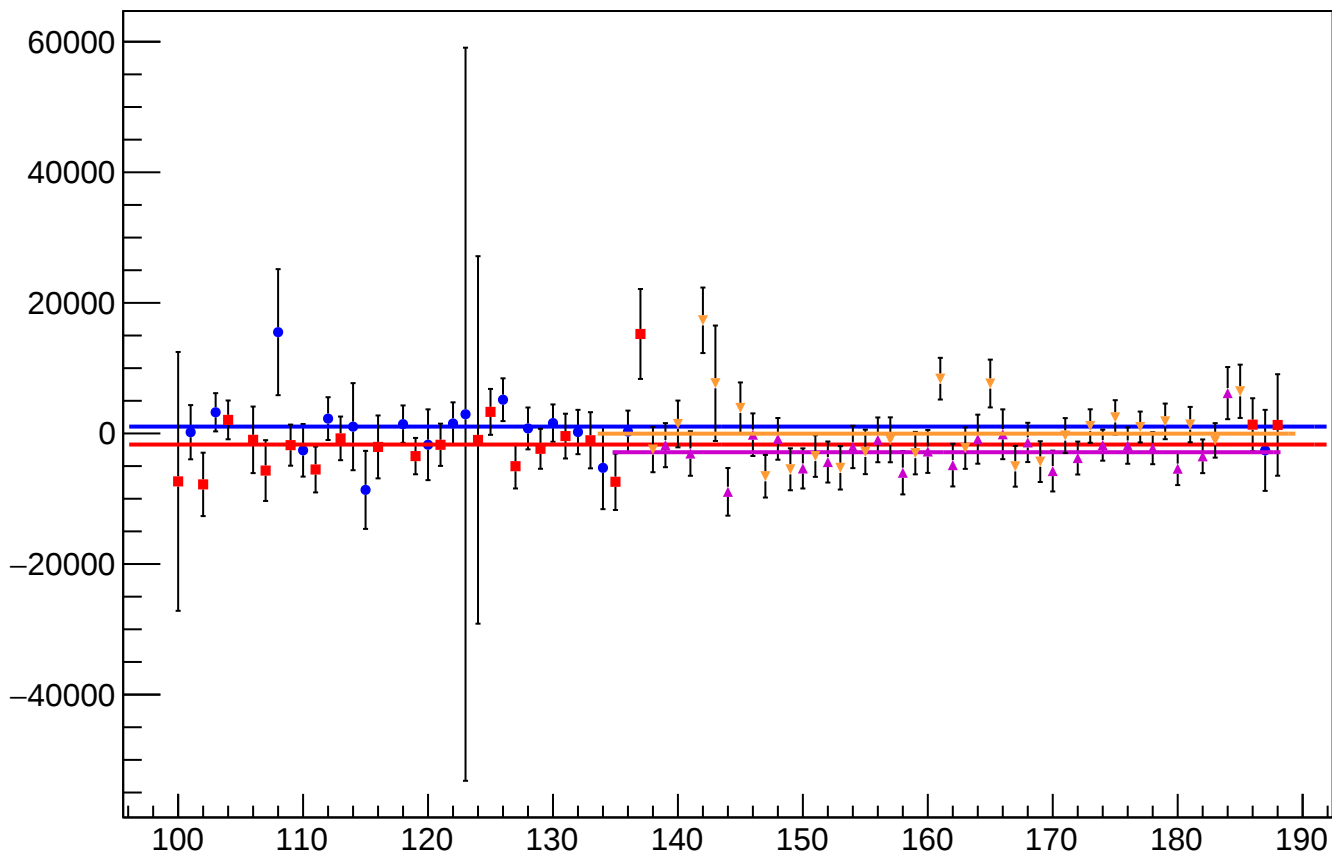
Left In: 2541.950+/-0.430 χ^2/NDF : 97238.4/22

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

All: 2640.900+/-0.266 χ^2/NDF : 2346681.6/80

- sign 2653.001+/-0.377 χ^2/NDF : 1403226.7/43

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: -1699.400 ± 861.181 χ^2/NDF : 17.4/20

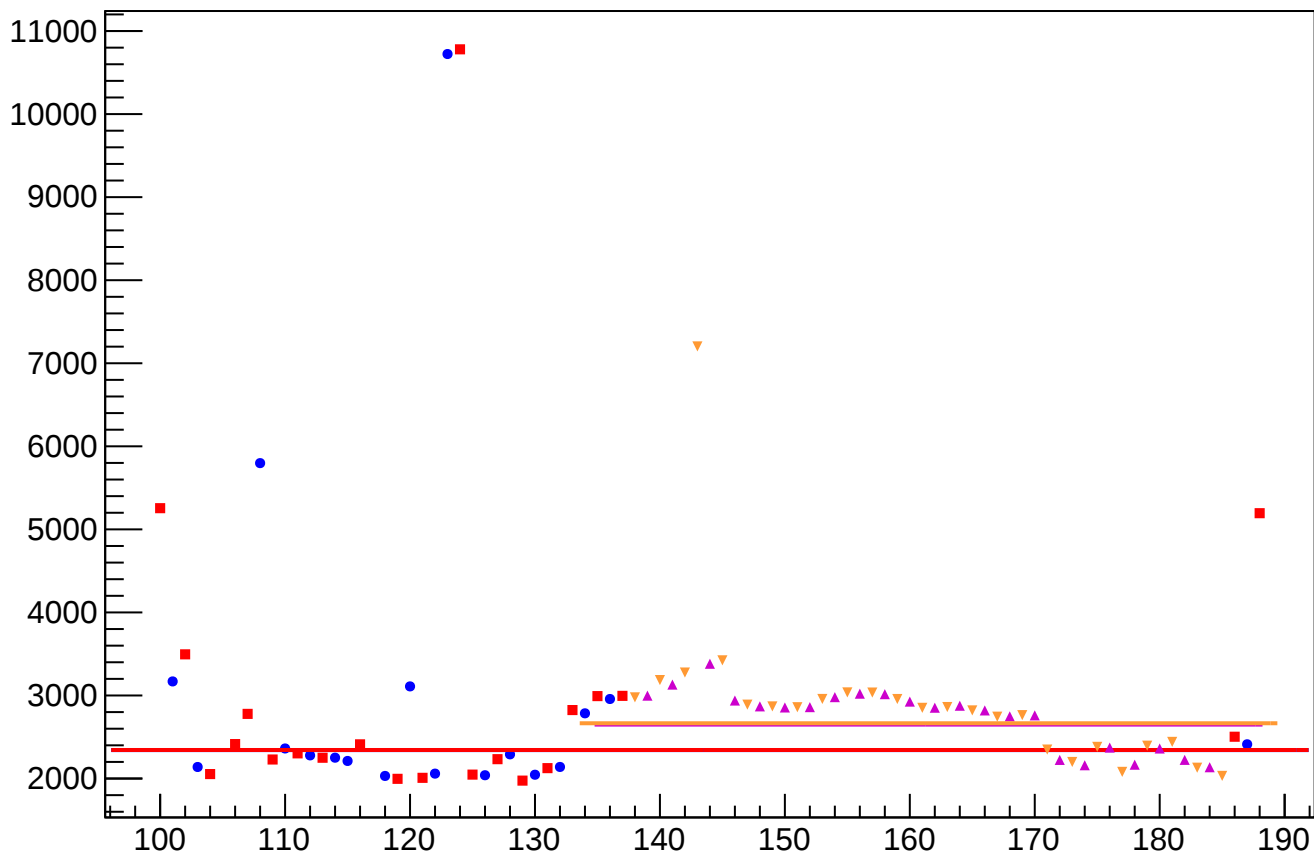
Left In: -2875.319 ± 637.973 χ^2/NDF : 15.1/22

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

All: -1093.873 ± 365.489 χ^2/NDF : 106.4/86

- sign -2458.645 ± 512.630 χ^2/NDF : 33.7/43

dit_asym_atl2_rms vs Slug



Right In: 2342.436+/-0.648 χ^2/NDF : 600730.7/17

Left Out: 2665.559+/-0.448 χ^2/NDF : 1218211.8/24

Right Out: 2343.697+/-0.609 χ^2/NDF : 843371.7/20

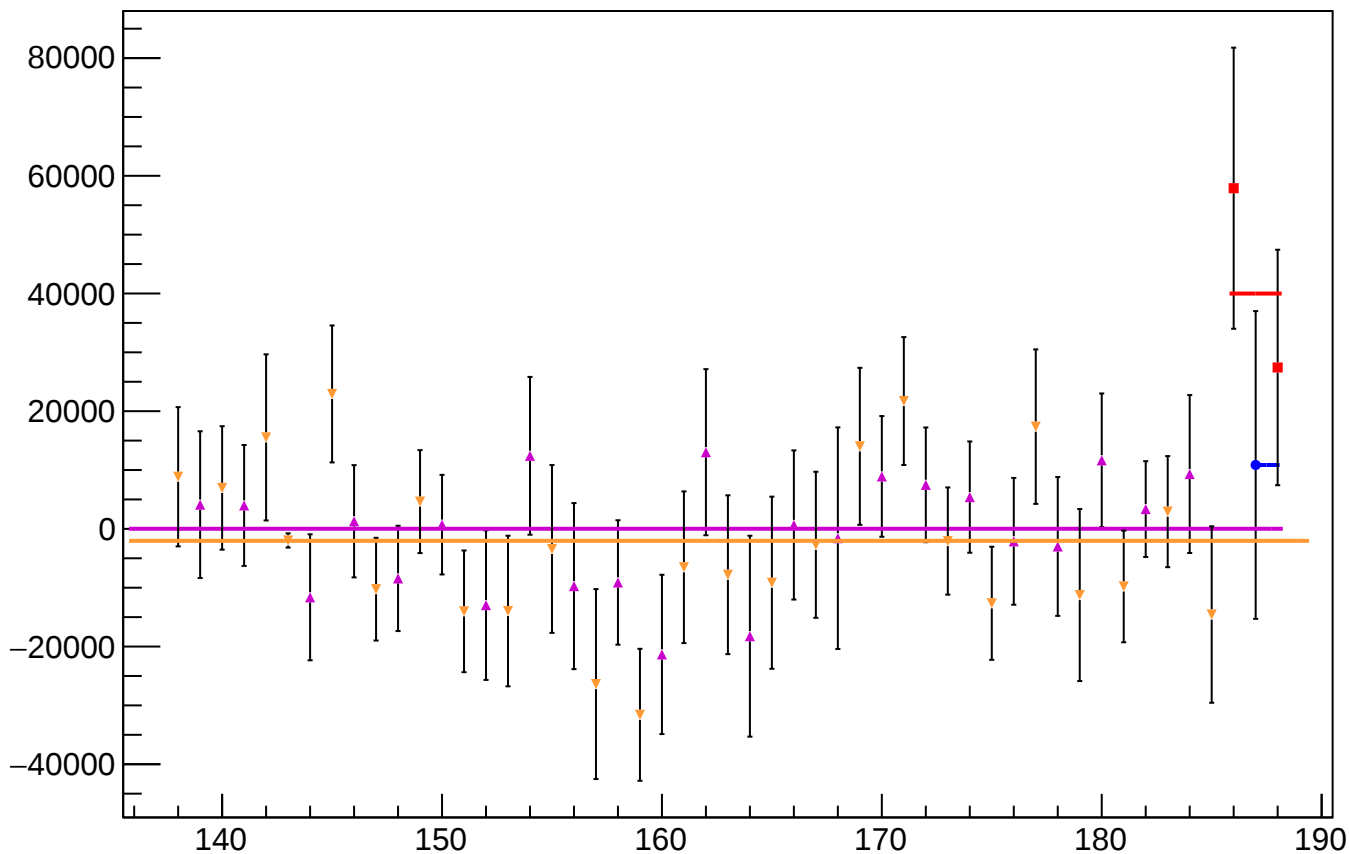
Left In: 2649.457+/-0.451 χ^2/NDF : 643563.7/22

+ sign 2561.062+/-0.369 χ^2/NDF : 1987118.3/42

All: 2550.870+/-0.258 χ^2/NDF : 3638487.6/86

- sign 2541.016+/-0.362 χ^2/NDF : 1649865.3/43

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: 39988.539 $\pm$ 15337.847 χ^2 /NDF: 1.0/1

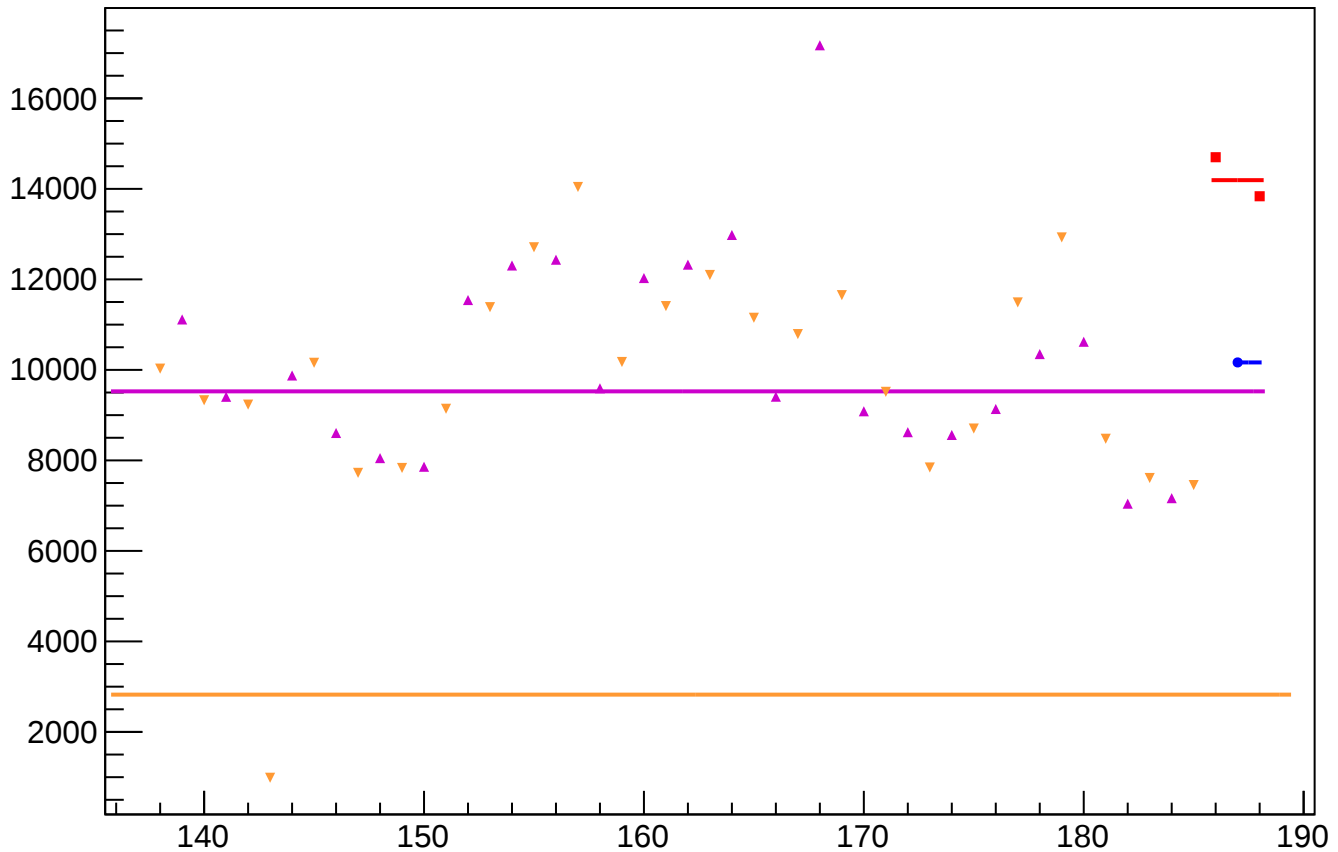
Left In: 16.509 $\pm$ 2317.578 χ^2 /NDF:13.4/22

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

All: -1485.030 $\pm$ 973.889 χ^2 /NDF: 55.5/50

- sign 908.770 $\pm$ 2291.565 χ^2 /NDF: 21.0/24

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: 14192.552 $\pm$ 10.845 χ^2 /NDF: 1533.1/1

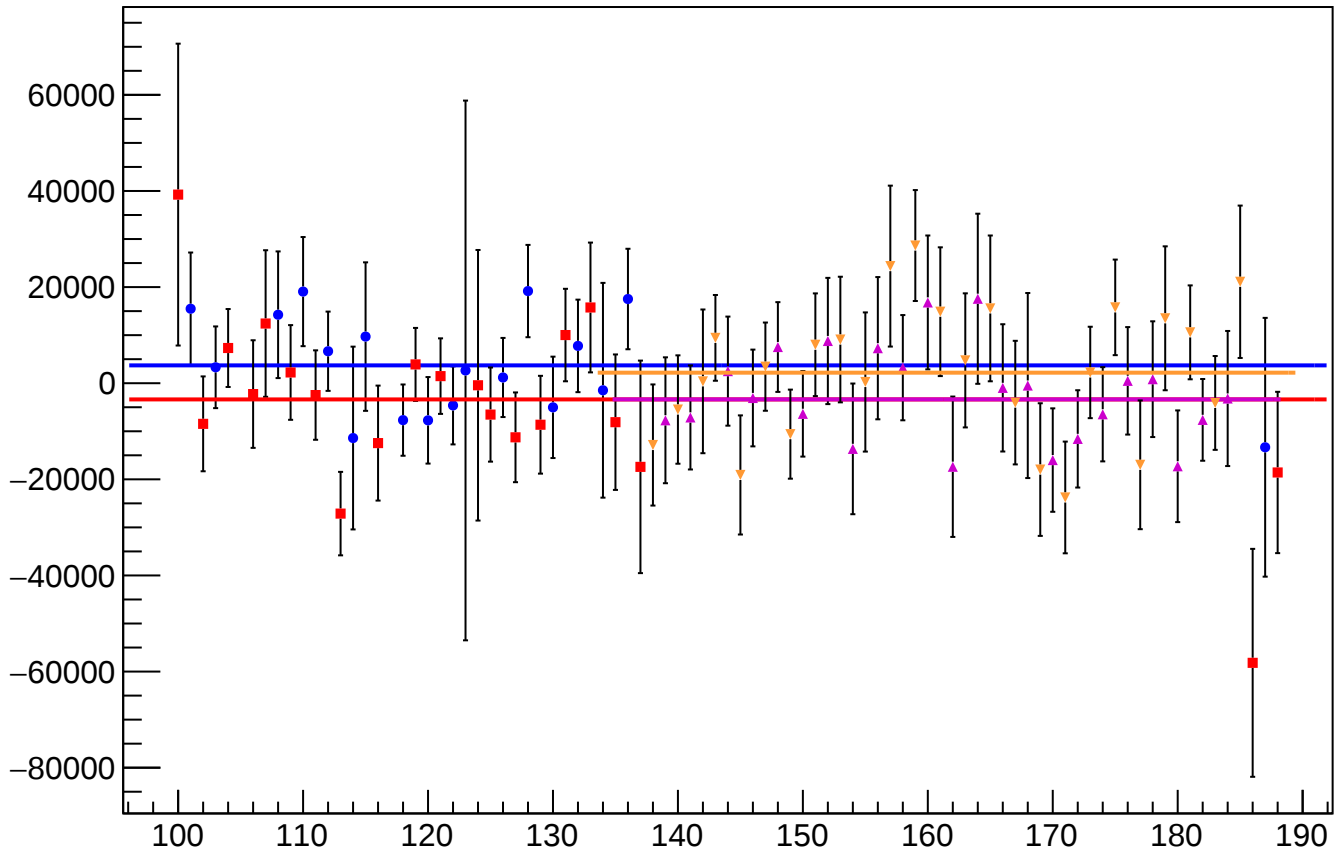
Left In: 9525.431 $\pm$ 1.639 χ^2 /NDF:1286488.6/22

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

All: 4063.527 $\pm$ 0.689 χ^2 /NDF: 38574081.7/5

- sign 9629.611 $\pm$ 1.620 χ^2 /NDF: 1469070.3/24

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: -3370.796+/-2384.351 χ^2/NDF : 26.3/20

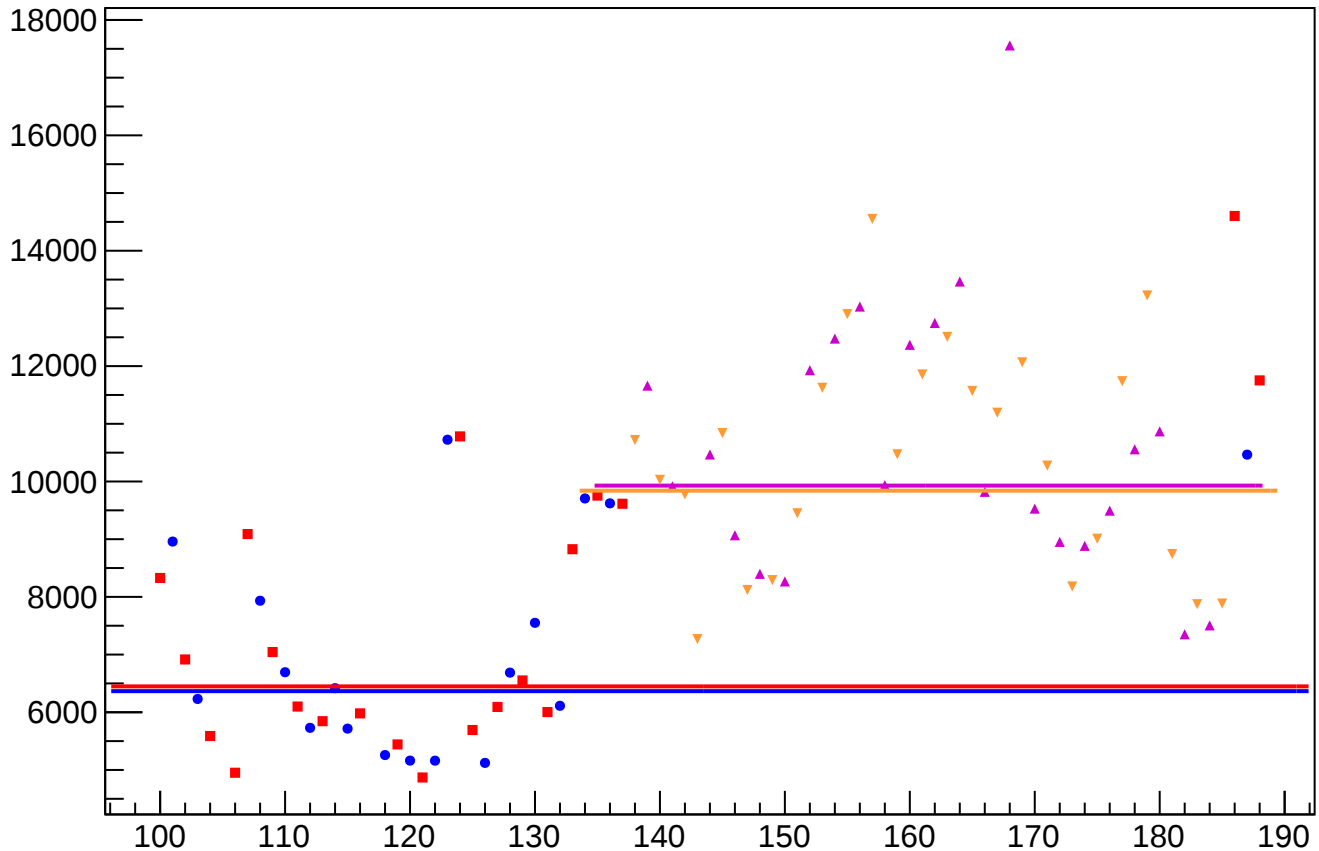
Left In: -3362.489+/-2413.842 χ^2/NDF : 12.8/22

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

All: -256.664+/-1204.394 χ^2/NDF : 92.5/86

- sign -3366.693+/-1696.321 χ^2/NDF : 39.2/43

asym_atl2_rms vs Slug



Right In: 6365.887+/-1.766 χ^2/NDF : 640173.3/17

Left Out: 9841.227+/-1.659 χ^2/NDF :1184767.7/24

Right Out: 6448.727+/-1.686 χ^2/NDF : 984612.6/20

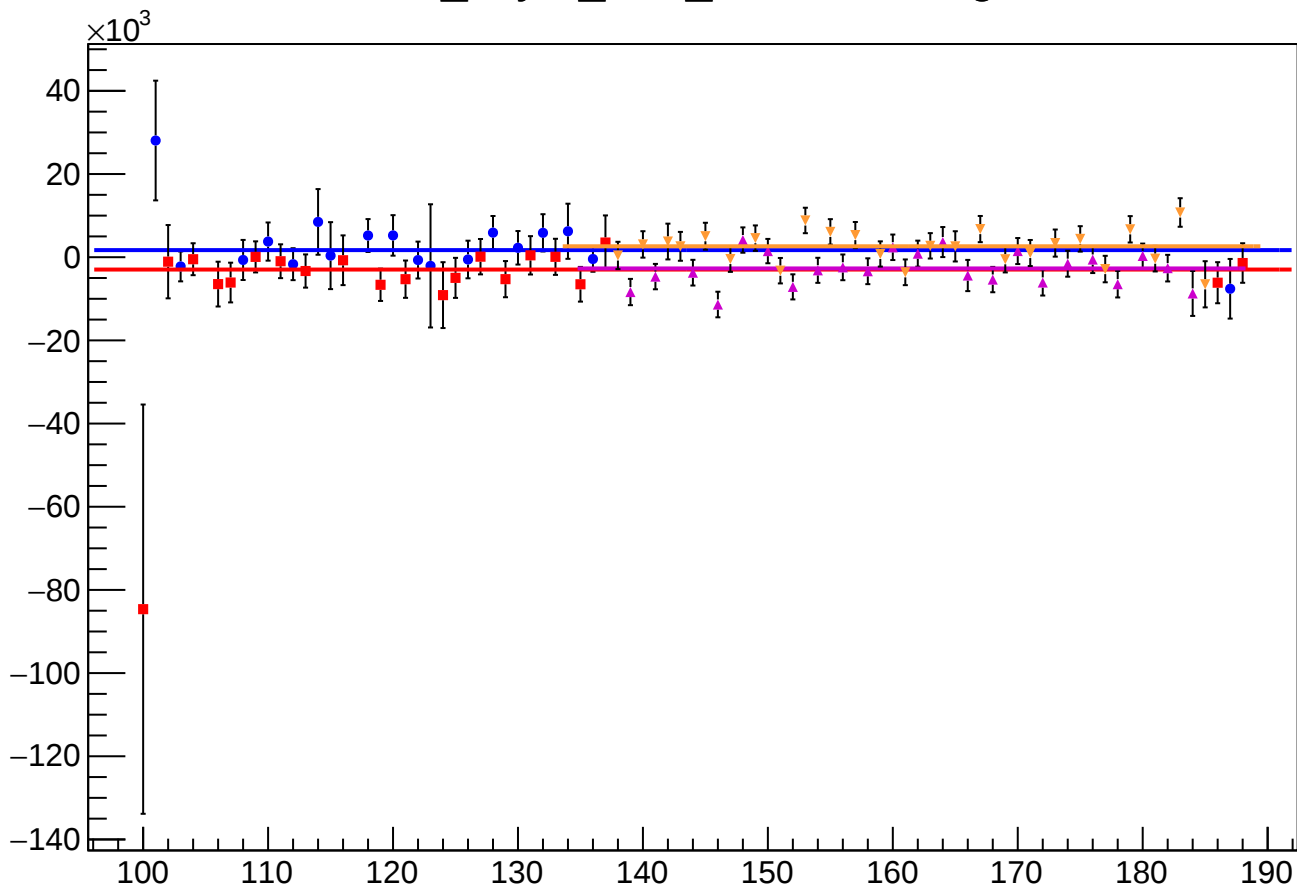
Left In: 9928.662+/-1.707 χ^2/NDF :1220804.9/22

+ sign 8212.022+/-1.209 χ^2/NDF : 3881414.3/42

All: 8189.441+/-0.852 χ^2/NDF : 8191541.8/86

- sign 8167.229+/-1.199 χ^2/NDF : 4309436.0/43

dit_asym_atr1_mean vs Slug



Right In: 1706.637 $\pm$ 1114.555 χ^2 /NDF: 13.1/17

Left Out: 2627.213 $\pm$ 648.505 χ^2 /NDF:34.0/24

Right Out: -2967.797 $\pm$ 1035.919 χ^2 /NDF: 11.1/20

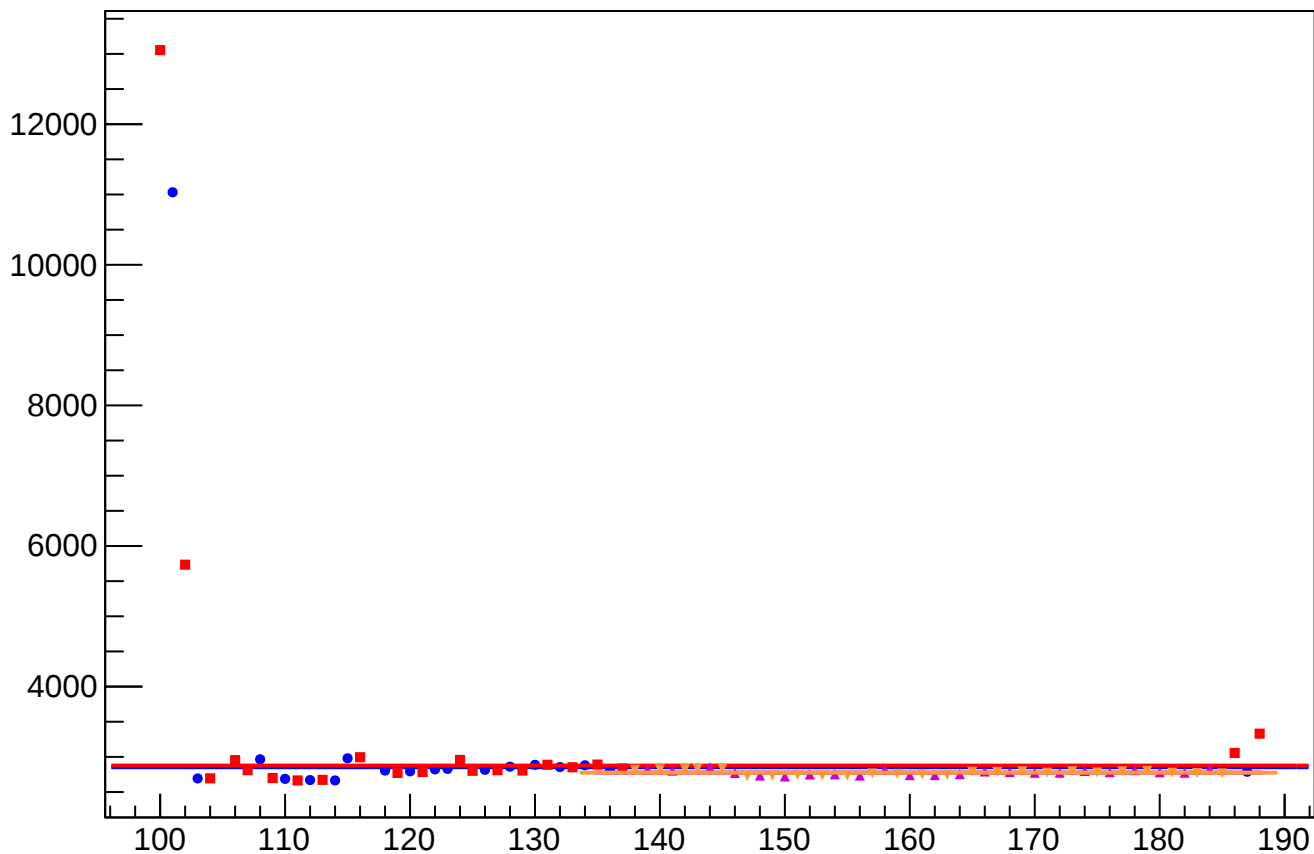
Left In: -2701.915 $\pm$ 662.347 χ^2 /NDF:36.3/22

+ sign 2394.378 $\pm$ 560.526 χ^2 /NDF: 47.5/42

All: -203.880 $\pm$ 395.467 χ^2 /NDF: 137.8/86

- sign -2779.069 $\pm$ 558.033 χ^2 /NDF: 47.5/43

dit_asym_atr1_rms vs Slug



Right In: 2853.496+/-0.788 χ^2/NDF : 661075.0/17

Left Out: 2776.087+/-0.459 χ^2/NDF : 4817.3/24

Right Out: 2875.877+/-0.733 χ^2/NDF : 342070.2/20

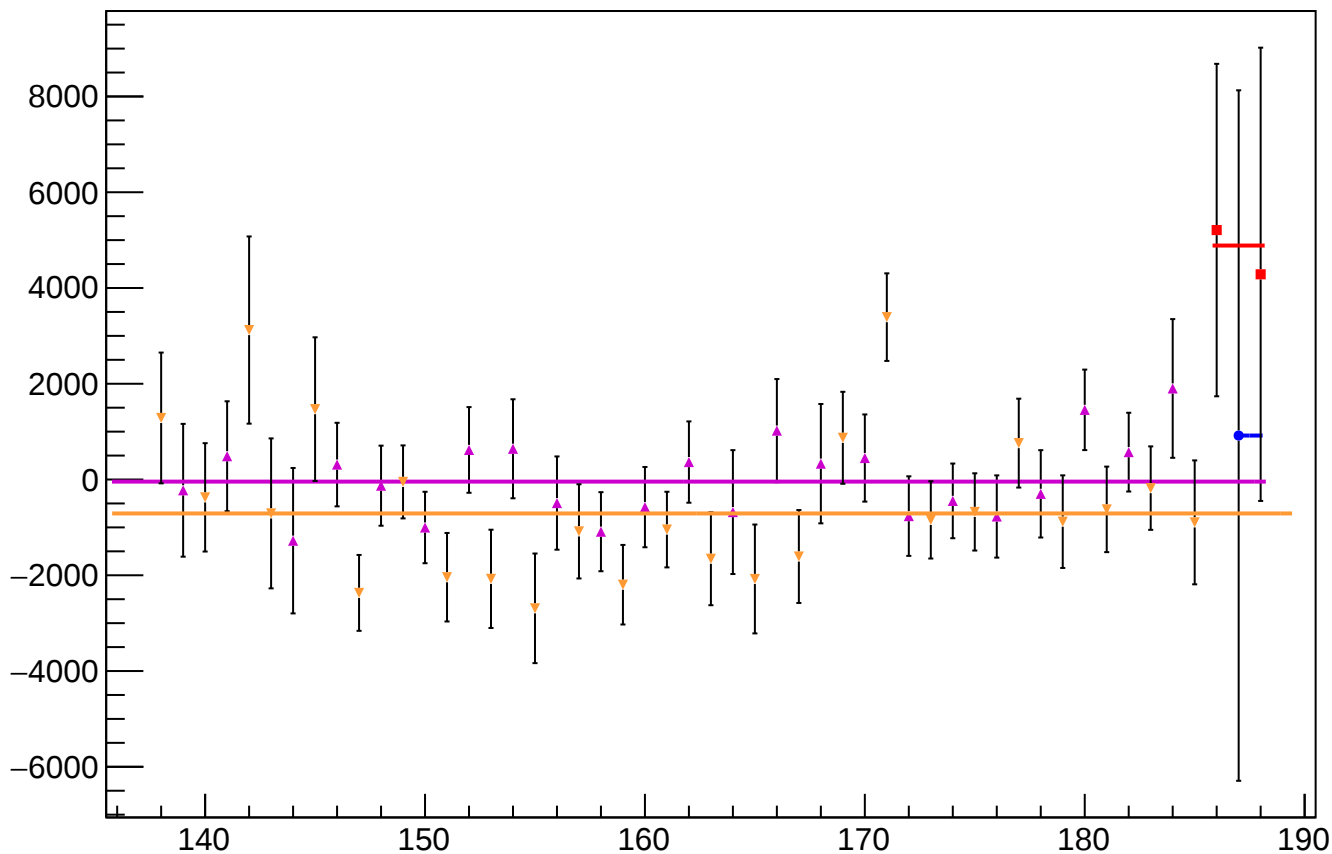
Left In: 2776.540+/-0.468 χ^2/NDF : 5153.9/22

+ sign 2795.666+/-0.396 χ^2/NDF : 673099.6/42

All: 2800.537+/-0.280 χ^2/NDF : 1033678.6/80

- sign 2805.365+/-0.395 χ^2/NDF : 360278.3/43

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: 4886.837 ± 2799.493 χ^2/NDF : 0.0/1

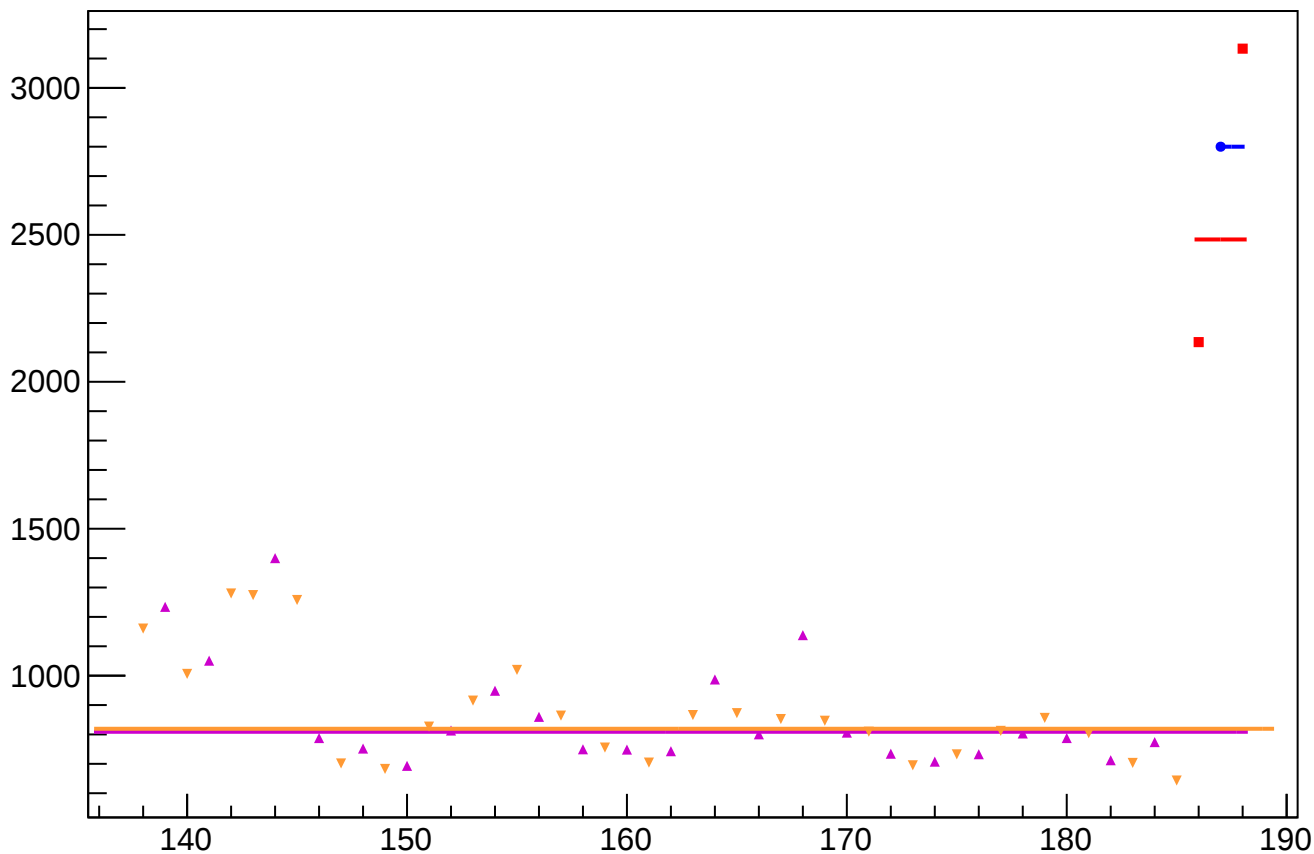
Left In: -43.842 ± 195.751 χ^2/NDF : 15.1/22

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

All: -364.776 ± 137.879 χ^2/NDF : 77.2/50

- sign -19.852 ± 195.275 χ^2/NDF : 18.2/24

asym_atr1_correction_rms vs Slug



Right In: 2799.943+/-5.099 χ^2/NDF : 0.0/0

Left Out: 819.303+/-0.138 χ^2/NDF : 1035261.7/24

Right Out: 2484.307+/-1.980 χ^2/NDF : 57873.7/1

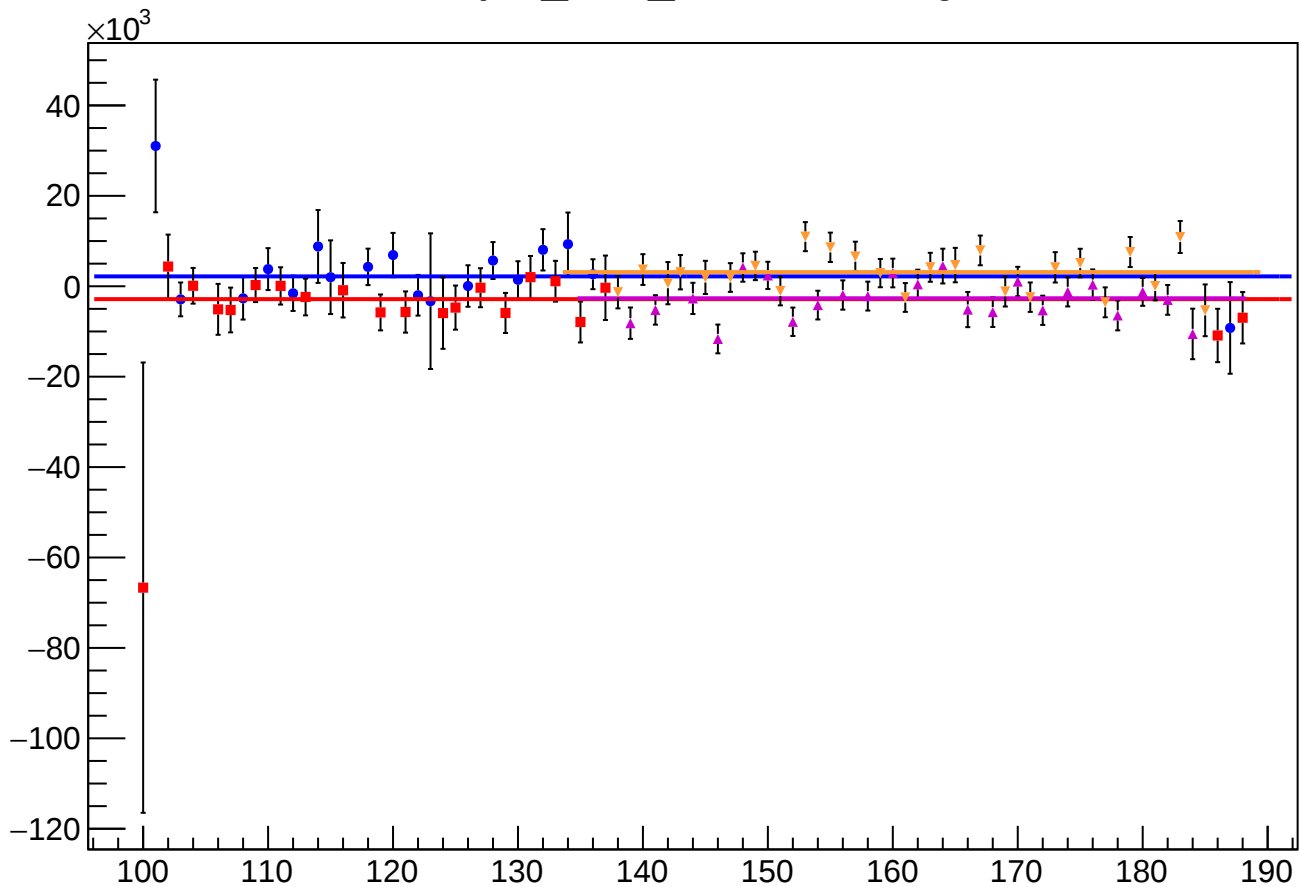
Left In: 809.059+/-0.138 χ^2/NDF : 986677.0/22

+ sign 820.747+/-0.138 χ^2/NDF : 1186048.4/25

All: 818.984+/-0.097 χ^2/NDF : 2943635.4/50

- sign 817.211+/-0.138 χ^2/NDF : 1757258.0/24

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: -2845.532 $\pm$ 1071.398 χ^2 /NDF: 12.6/20

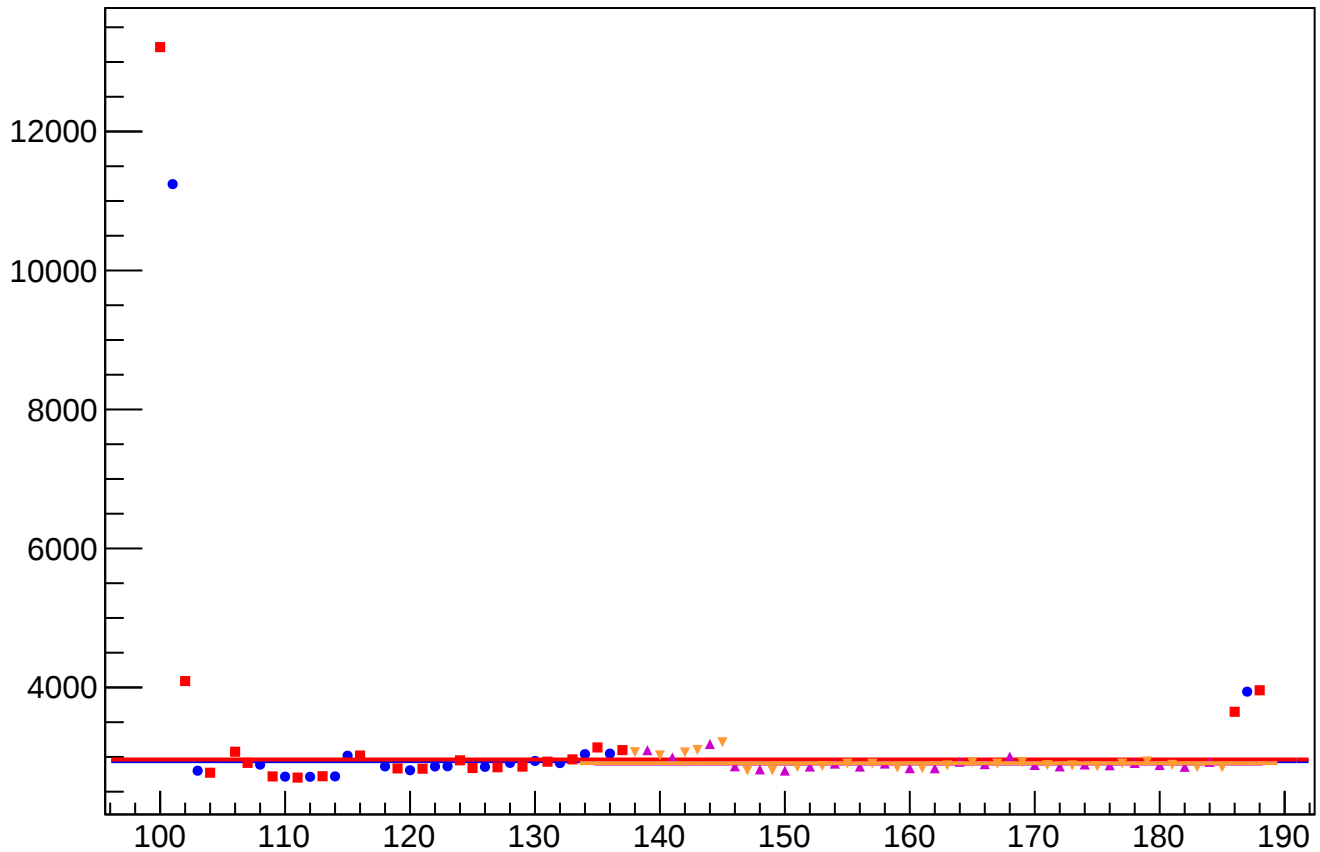
Left In: -2659.828 $\pm$ 693.121 χ^2 /NDF: 36.9/22

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

All: 71.822 $\pm$ 412.701 χ^2 /NDF: 150.1/86

- sign -2714.618 $\pm$ 581.958 χ^2 /NDF: 49.5/43

asym_atr1_rms vs Slug



Right In: 2939.633+/-0.813 χ^2/NDF : 682515.9/17

Left Out: 2910.362+/-0.481 χ^2/NDF : 36080.5/24

Right Out: 2963.133+/-0.758 χ^2/NDF : 264697.3/20

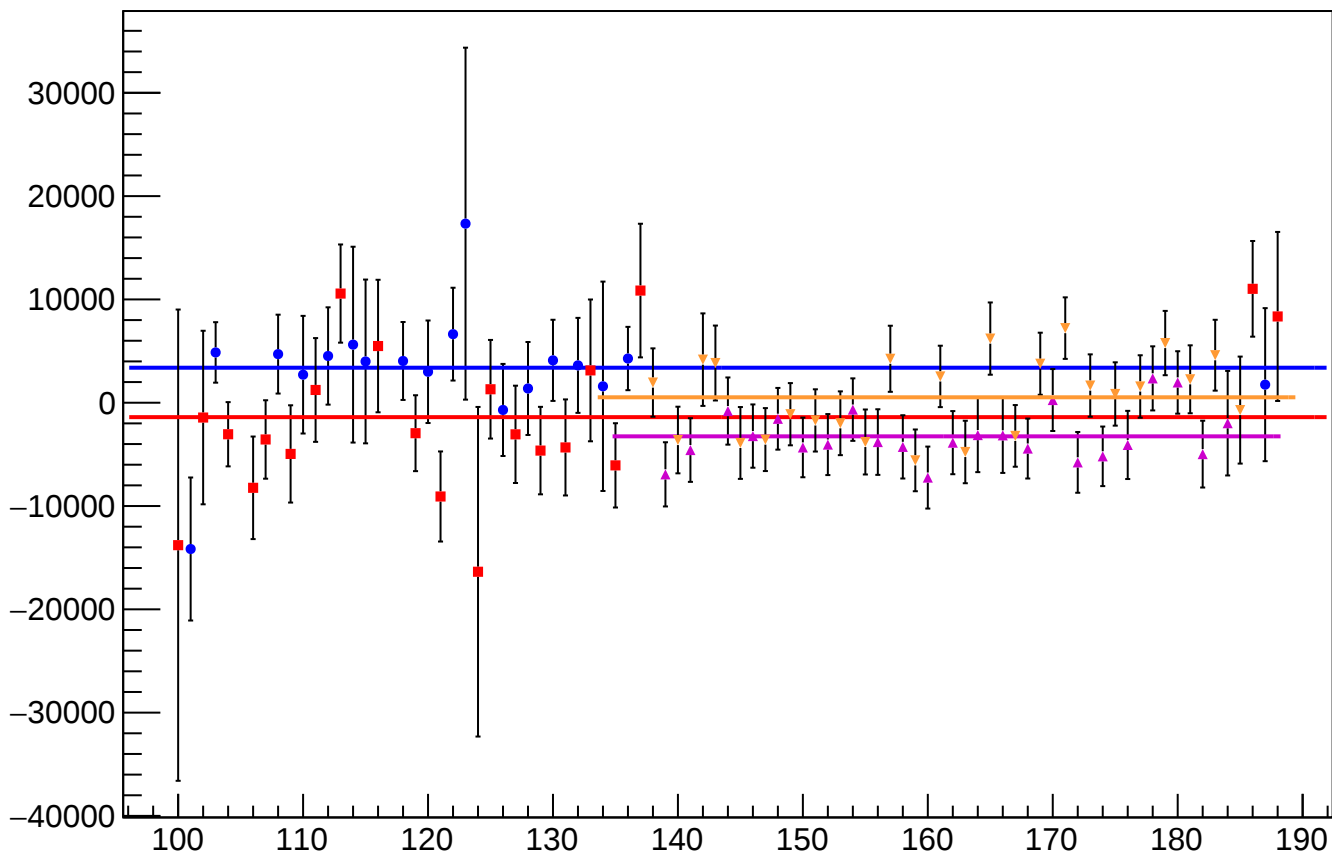
Left In: 2904.499+/-0.490 χ^2/NDF : 30423.1/22

+ sign 2917.957+/-0.414 χ^2/NDF : 719557.4/42

All: 2919.889+/-0.292 χ^2/NDF : 1018943.7/80

- sign 2921.798+/-0.412 χ^2/NDF : 299343.0/43

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: -1395.742 $\pm$ 1071.379 χ^2 /NDF: 30.7/20

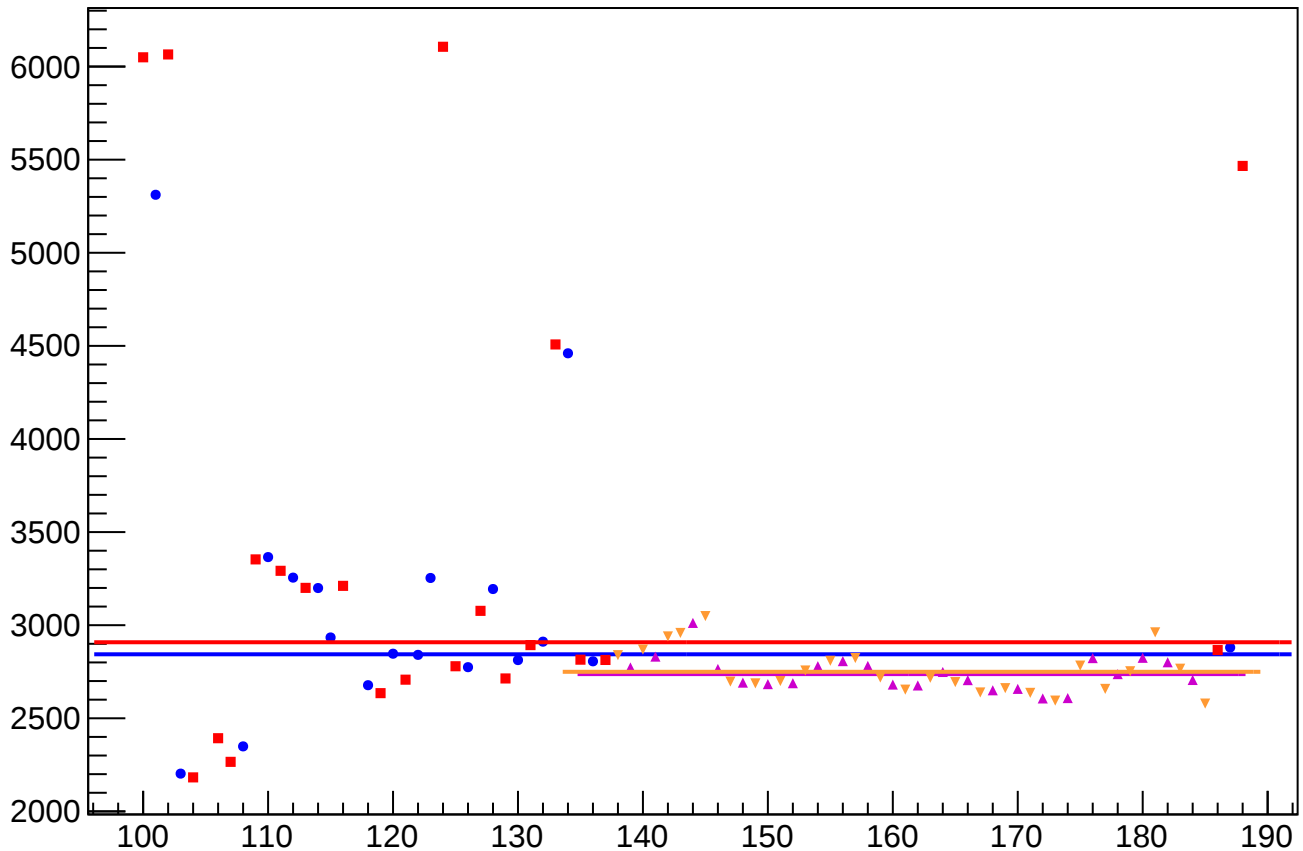
Left In: -3254.085 $\pm$ 652.364 χ^2 /NDF:14.8/22

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

All: -744.419 $\pm$ 393.331 χ^2 /NDF: 122.4/86

- sign -2751.445 $\pm$ 557.197 χ^2 /NDF: 47.6/43

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: 2908.335+/-0.757 χ^2 /NDF: 959665.5/20

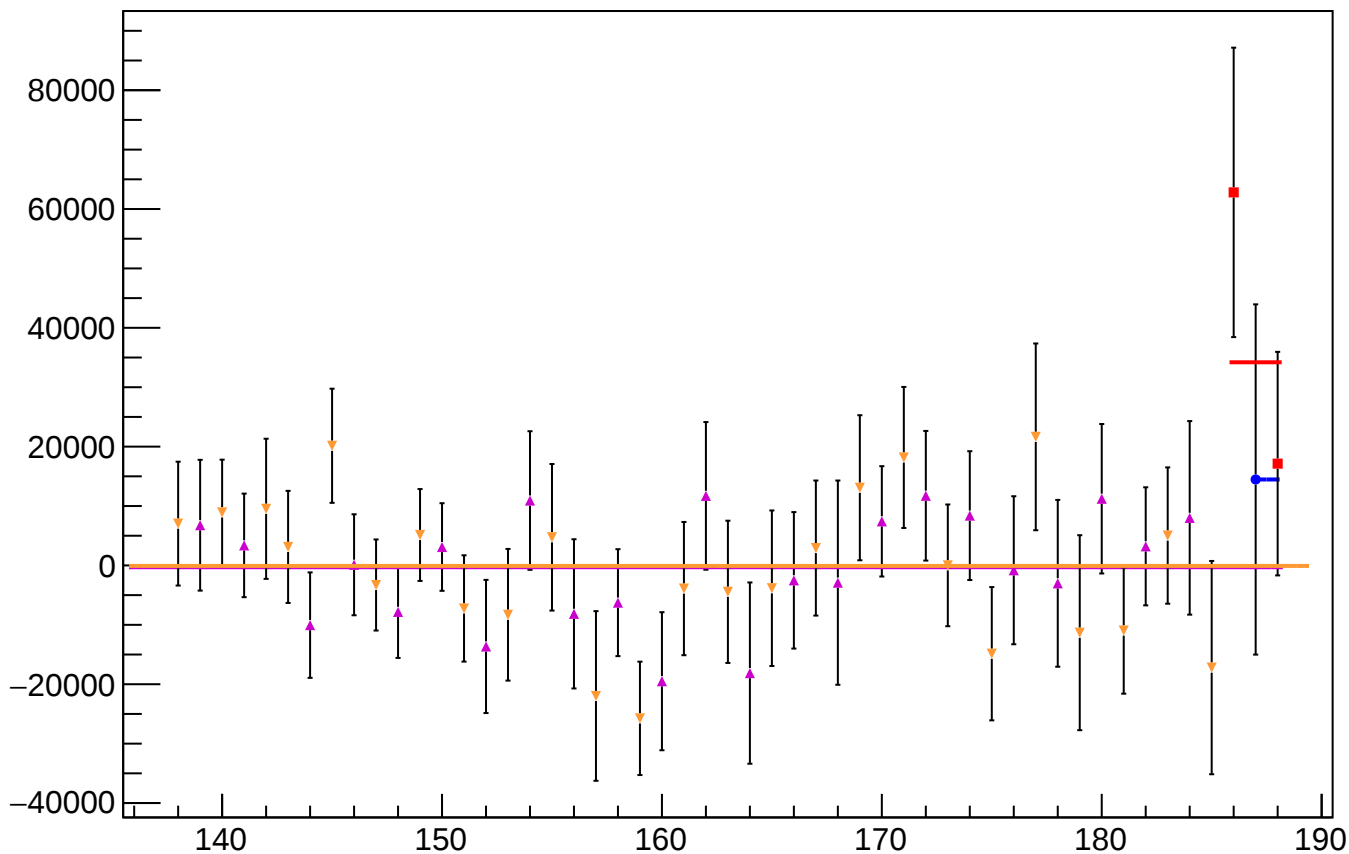
Left In: 2737.277+/-0.461 χ^2 /NDF: 36772.0/22

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

All: 2778.479+/-0.278 χ^2 /NDF: 1594203.6/80

- sign 2783.569+/-0.394 χ^2 /NDF: 1033651.7/43

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: 34197.660 $\pm$ 14891.981 χ^2 /NDF: 2.2/1

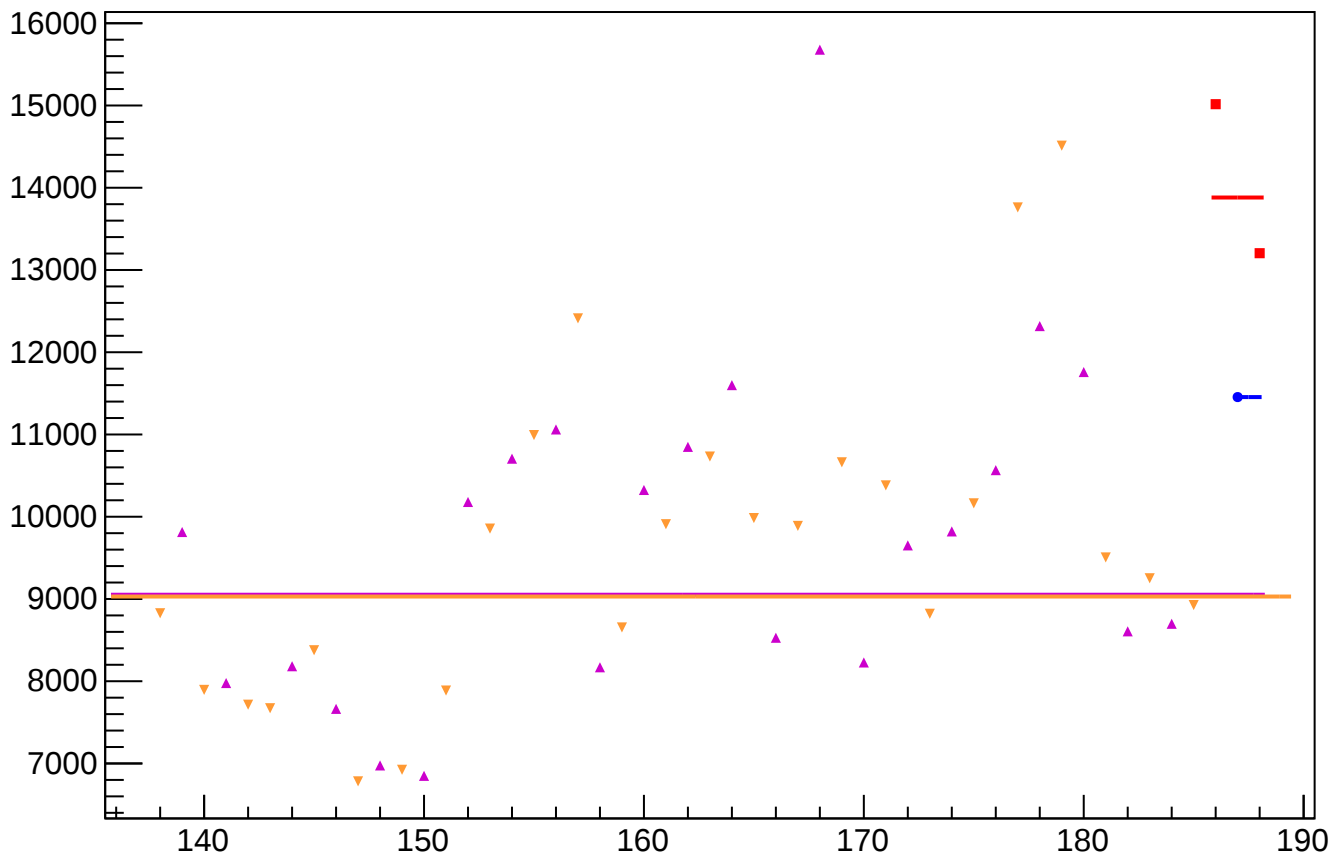
Left In: -302.846 $\pm$ 2201.549 χ^2 /NDF:15.0/22

+ sign -5.193 $\pm$ 2150.749 χ^2 /NDF: 28.7/25

All: 212.163 $\pm$ 1530.311 χ^2 /NDF: 51.2/50

- sign 435.038 $\pm$ 2177.878 χ^2 /NDF: 22.5/24

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: 13881.099+/-10.530 χ^2/NDF : 6928.2/1

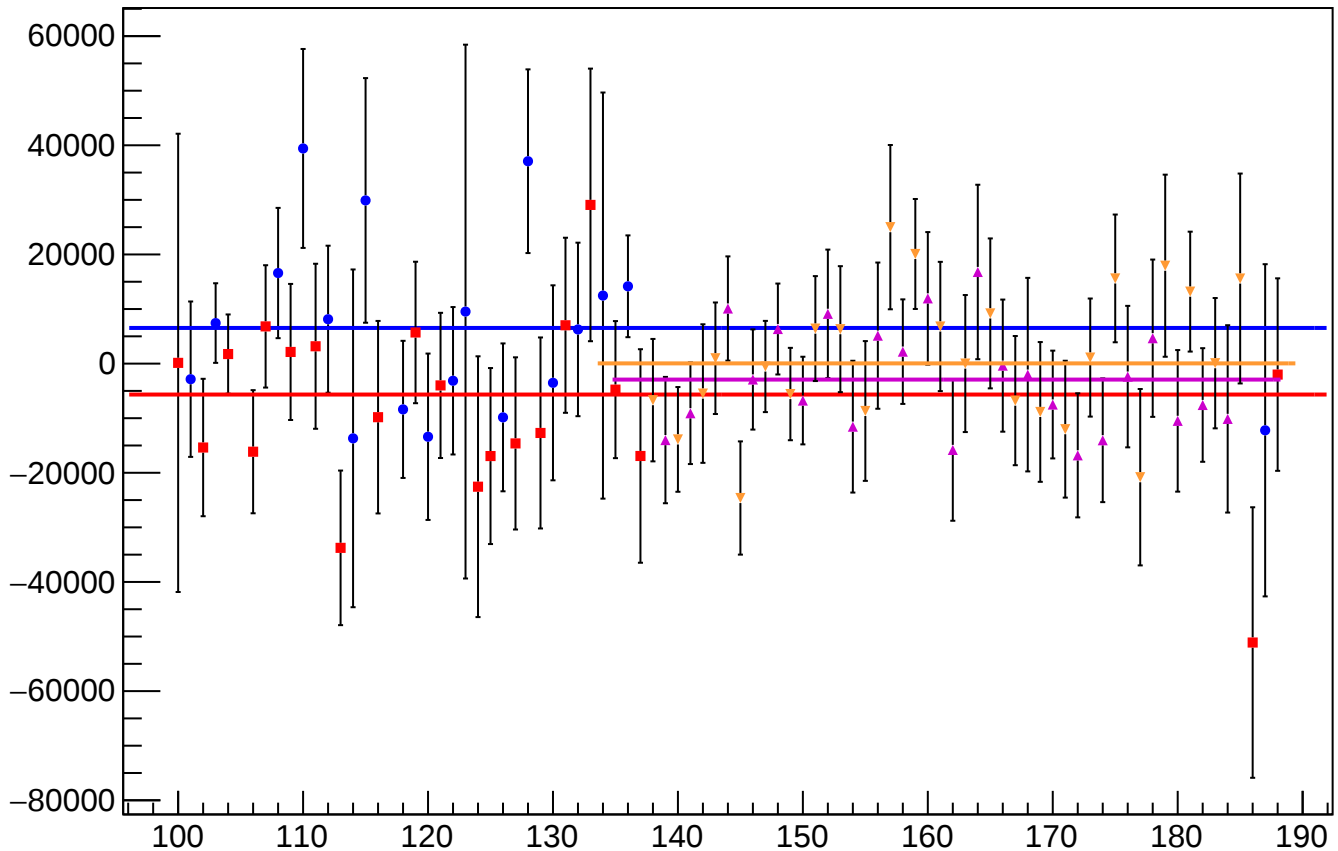
Left In: 9051.613+/-1.557 χ^2/NDF :1255222.8/22

+ sign 9042.673+/-1.521 χ^2/NDF : 1219007.7/25

All: 9098.085+/-1.082 χ^2/NDF : 2689691.3/50

- sign 9154.904+/-1.540 χ^2/NDF : 1467994.7/24

asym_atr2_mean vs Slug



Right In: 6535.091+/-3366.350 χ^2/NDF : 15.7/17

Left Out: 43.265+/-2290.867 χ^2/NDF : 25.9/24

Right Out: -5665.713+/-3093.333 χ^2/NDF : 17.0/20

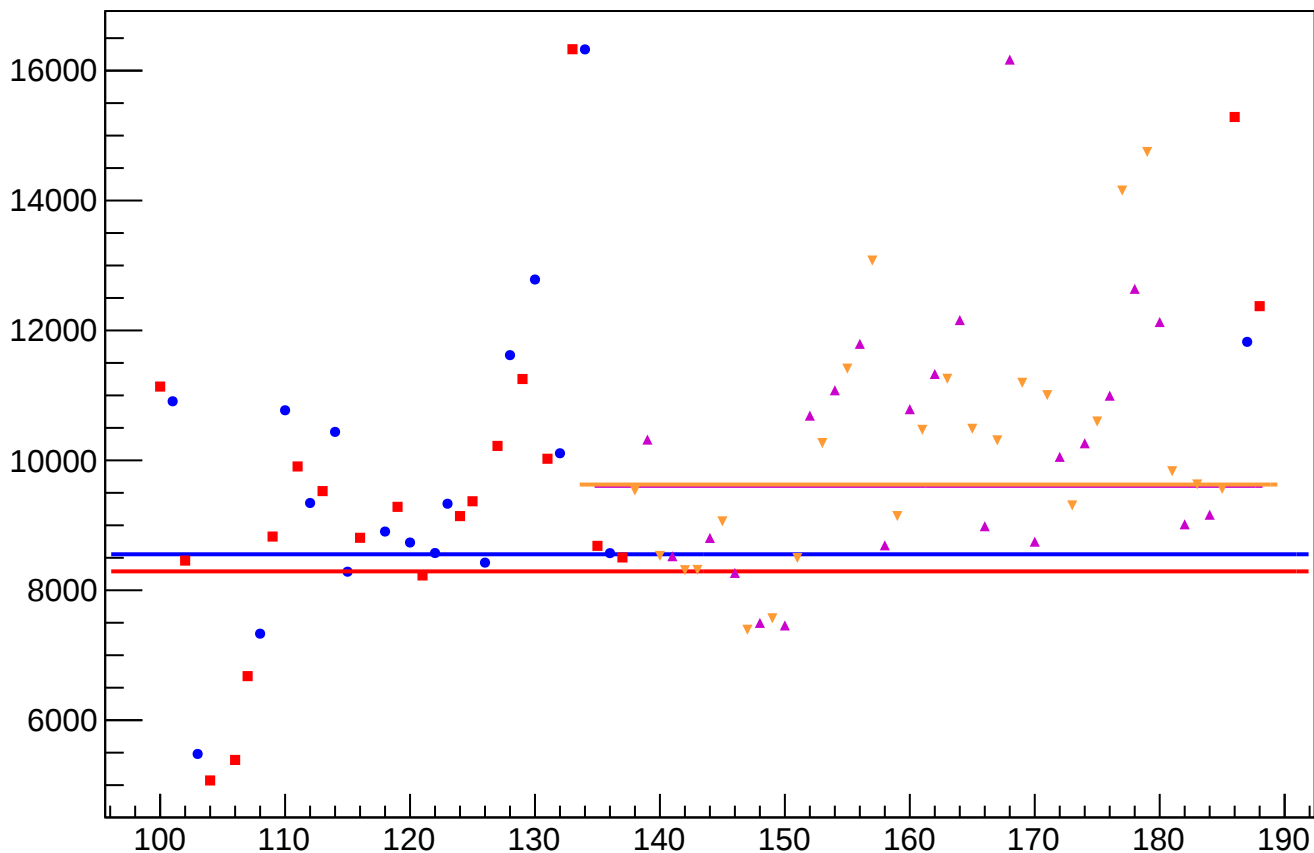
Left In: -2925.533+/-2330.587 χ^2/NDF : 14.6/22

+ sign 2098.076+/-1893.921 χ^2/NDF : 44.1/42

All: -961.921+/-1327.560 χ^2/NDF : 81.4/86

- sign -3917.754+/-1861.407 χ^2/NDF : 32.2/43

asym_atr2_rms vs Slug



Right In: 8554.182+/-2.380 χ^2/NDF : 785999.8/17

Left Out: 9627.824+/-1.620 χ^2/NDF :1004641.7/24

Right Out: 8290.771+/-2.187 χ^2/NDF : 1230985.9/20

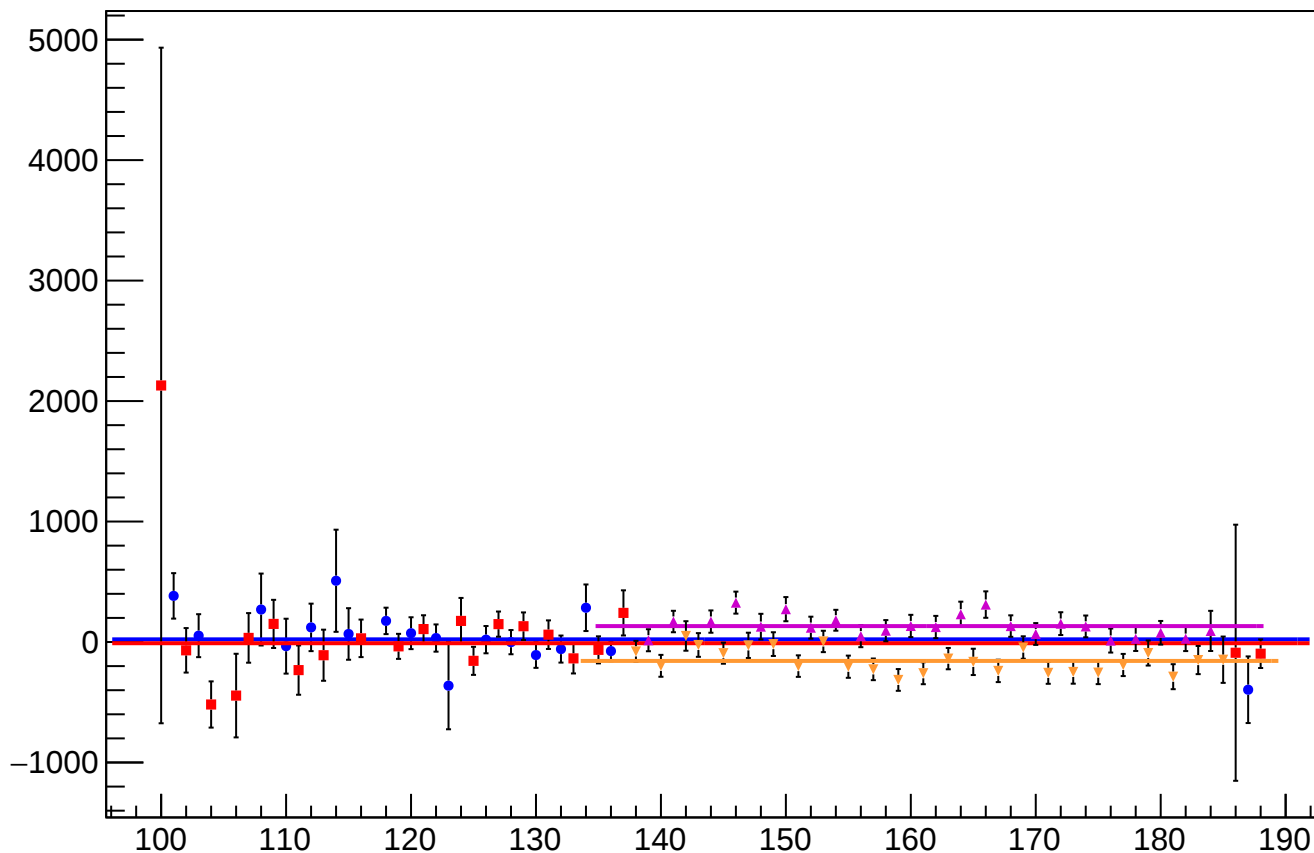
Left In: 9607.553+/-1.648 χ^2/NDF :1085465.7/22

+ sign 9287.992+/-1.339 χ^2/NDF : 1929686.1/42

All: 9207.996+/-0.939 χ^2/NDF : 4484346.0/86

- sign 9130.725+/-1.316 χ^2/NDF : 2547645.1/43

dit_asym_sam1_mean vs Slug



Right In: 22.101 ± 33.432 $\chi^2/\text{NDF}: 16.8/17$

Left Out: -156.954 ± 19.364 $\chi^2/\text{NDF}: 26.0/24$

Right Out: -10.040 ± 32.397 $\chi^2/\text{NDF}: 22.9/20$

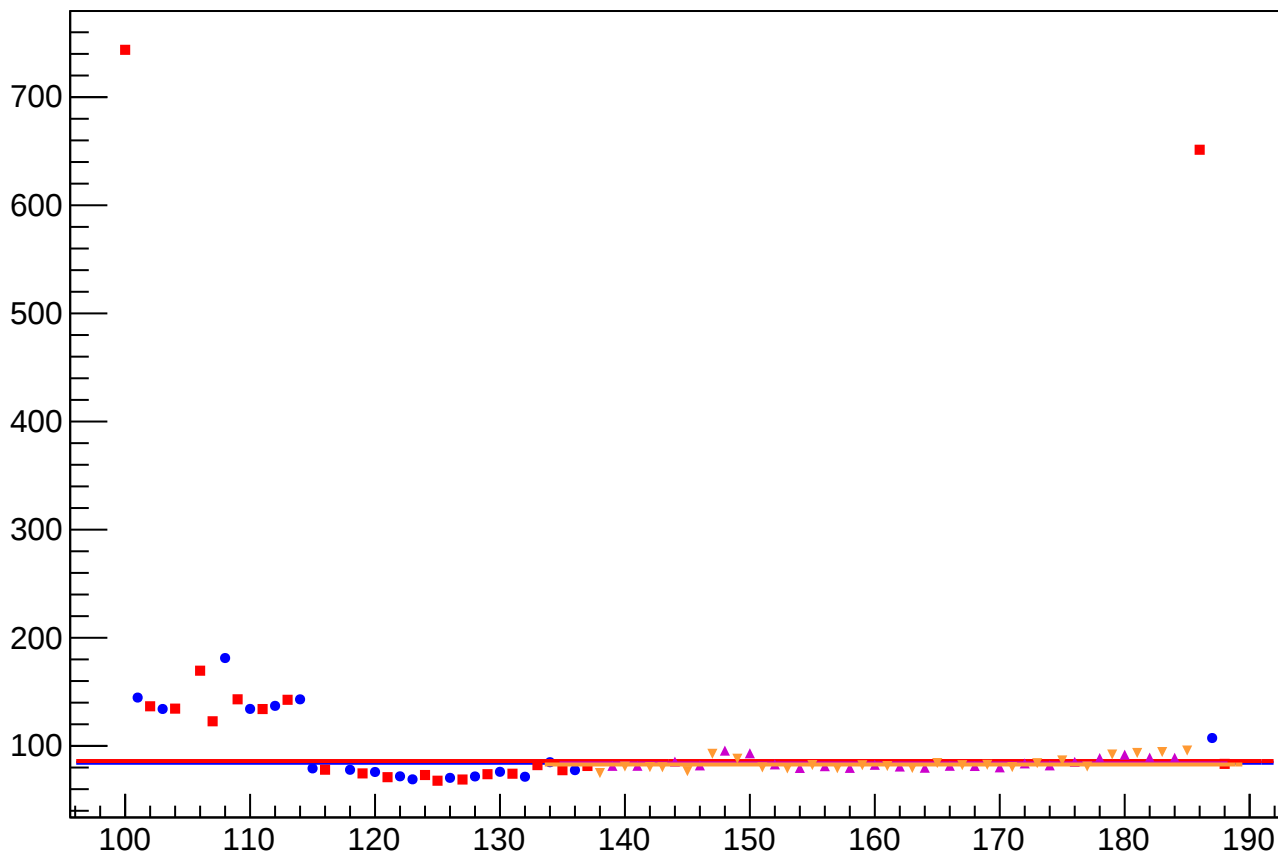
Left In: 132.100 ± 20.015 $\chi^2/\text{NDF}: 17.9/22$

+ sign -111.974 ± 16.756 $\chi^2/\text{NDF}: 64.3/42$

All: -11.215 ± 11.943 $\chi^2/\text{NDF}: 192.5/86$

- sign 92.834 ± 17.027 $\chi^2/\text{NDF}: 54.7/43$

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: 86.022 $\pm$ 0.023 χ^2 /NDF: 1782165.5/20

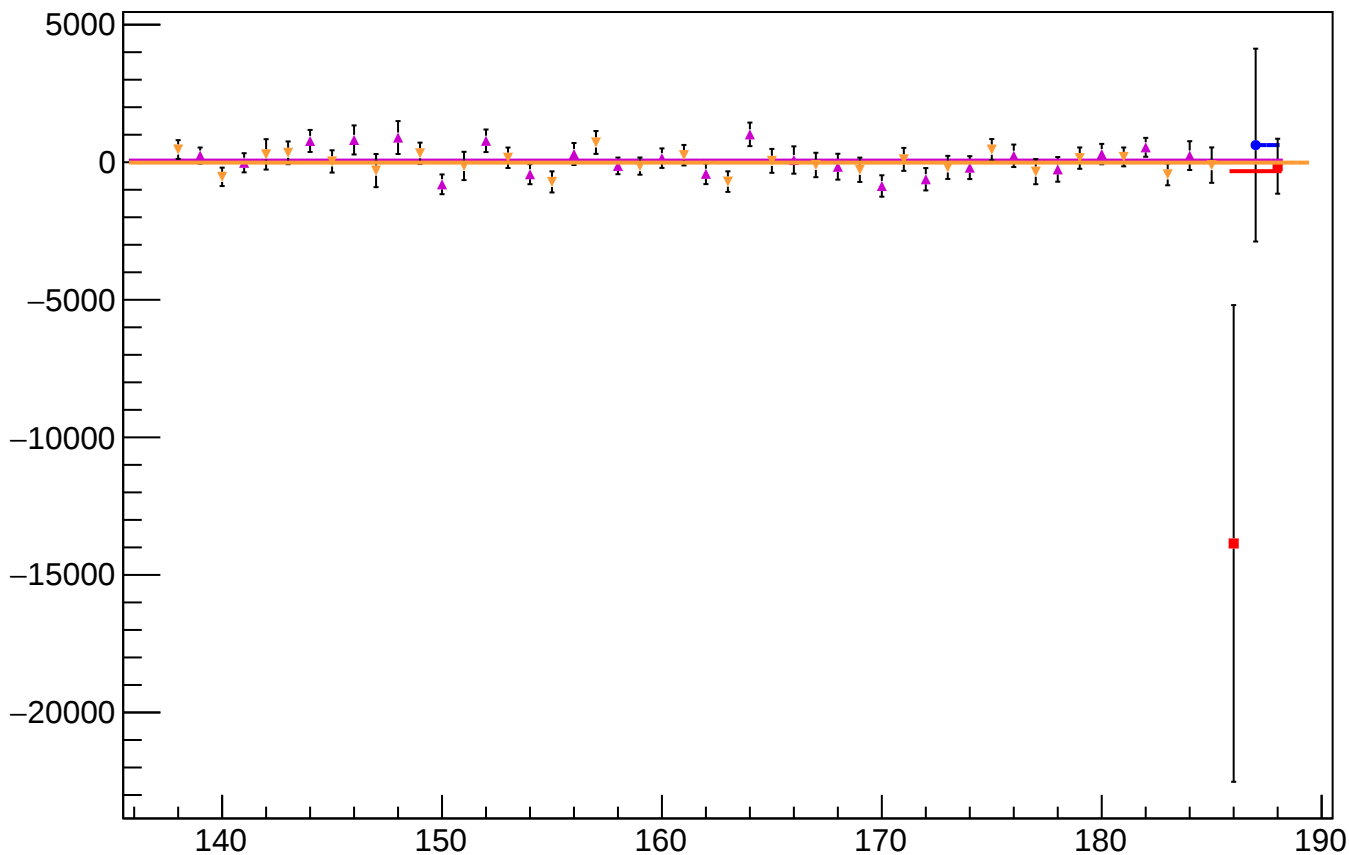
Left In: 83.857 $\pm$ 0.014 χ^2 /NDF:94568.8/22

+ sign 83.217 $\pm$ 0.012 χ^2 /NDF: 1159116.5/42

All: 83.826 $\pm$ 0.008 χ^2 /NDF: 3047690.8/86

- sign 84.455 $\pm$ 0.012 χ^2 /NDF: 1883203.3/43

asym_sam1_correction_mean vs Slug



Right In: 623.216 ± 3504.918 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -13.413 ± 80.897 $\chi^2/\text{NDF}: 21.6/24$

Right Out: -324.383 ± 992.292 $\chi^2/\text{NDF}: 2.5/1$

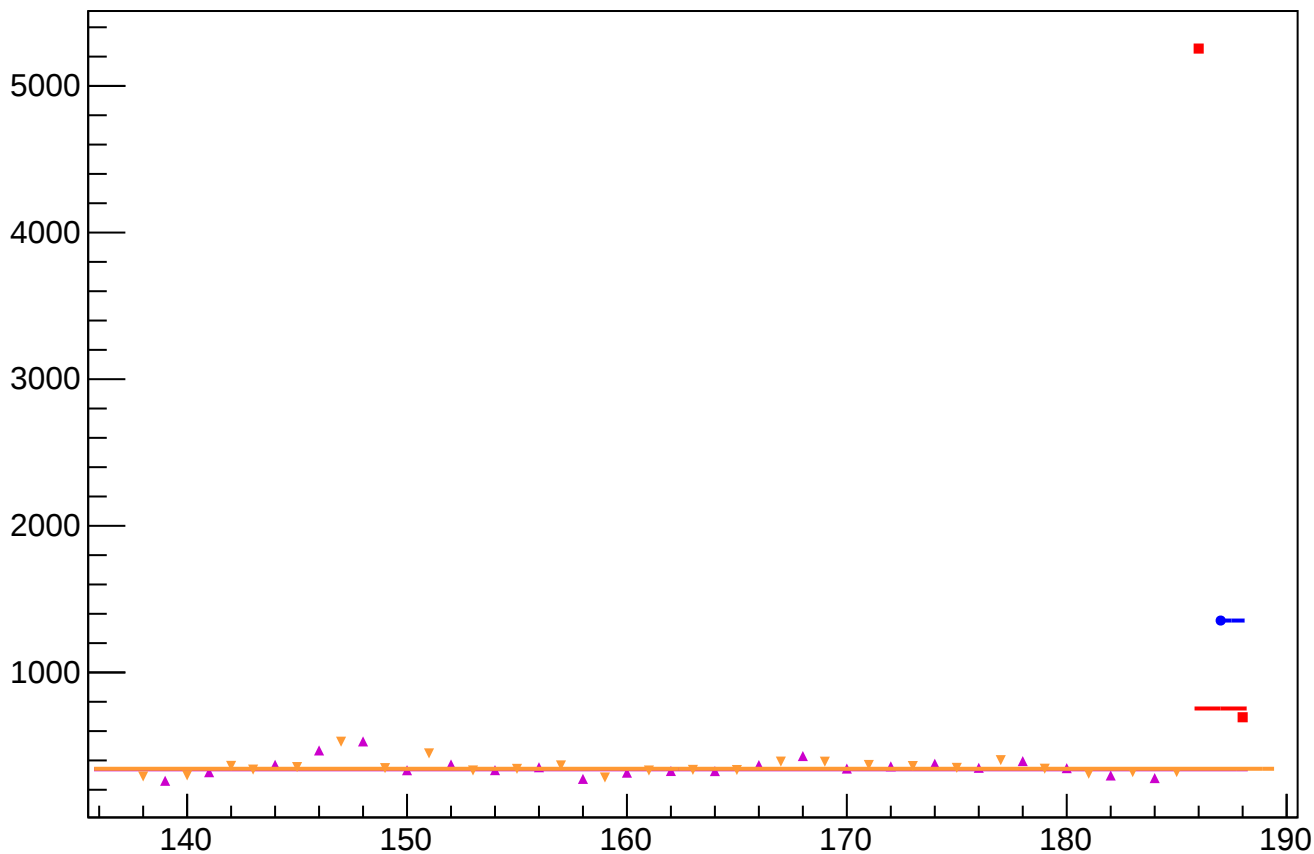
Left In: 60.223 ± 81.951 $\chi^2/\text{NDF}: 37.9/22$

+ sign -13.074 ± 80.875 $\chi^2/\text{NDF}: 21.6/25$

All: 21.925 ± 57.467 $\chi^2/\text{NDF}: 62.6/50$

- sign 57.618 ± 81.673 $\chi^2/\text{NDF}: 40.6/24$

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: 754.252 $\pm$ 0.702 χ^2 /NDF: 546899.9/1

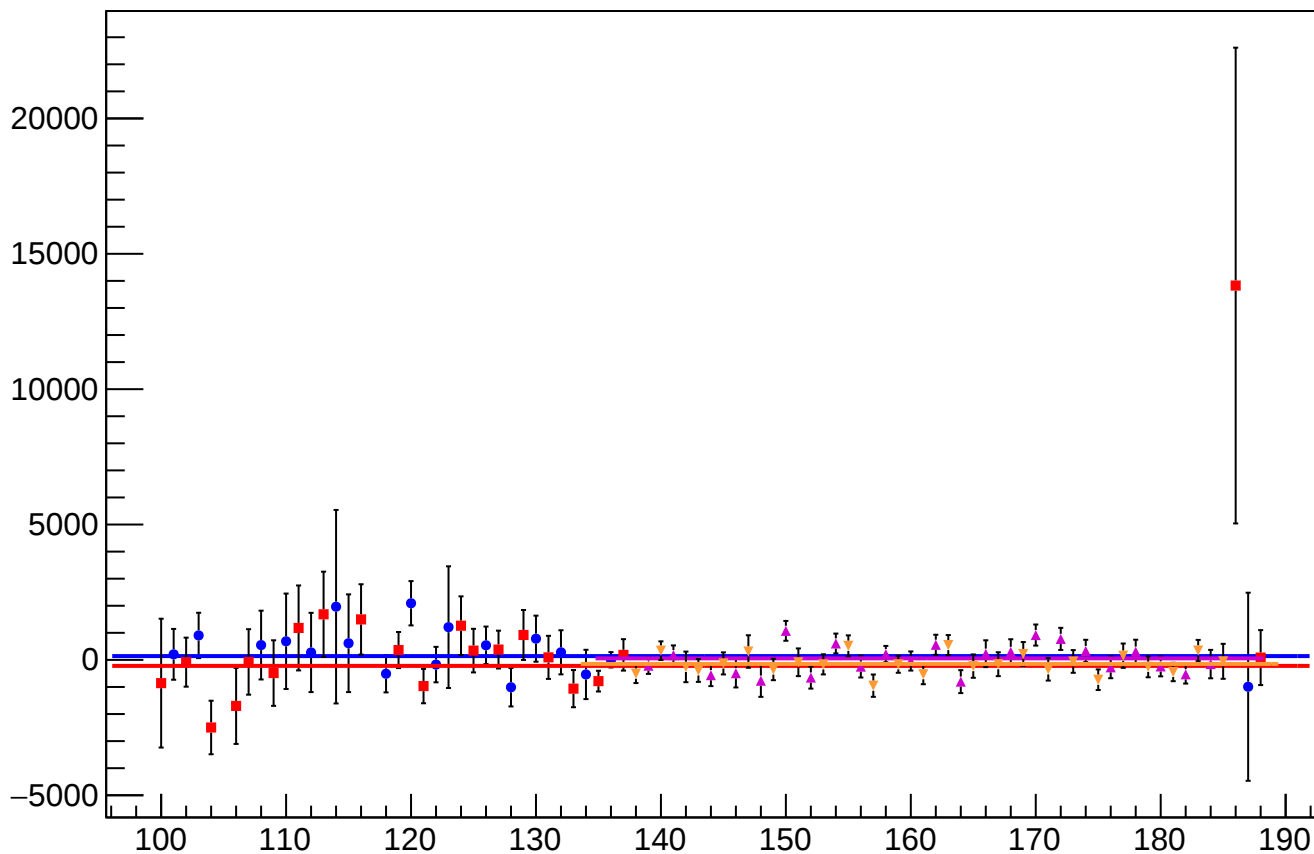
Left In: 339.423 $\pm$ 0.058 χ^2 /NDF: 795958.6/22

+ sign 343.666 $\pm$ 0.057 χ^2 /NDF: 732612.4/25

All: 342.957 $\pm$ 0.041 χ^2 /NDF: 2422948.5/50

- sign 342.233 $\pm$ 0.058 χ^2 /NDF: 1690025.1/24

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: -221.597 ± 181.009 χ^2/NDF : 24.3/20

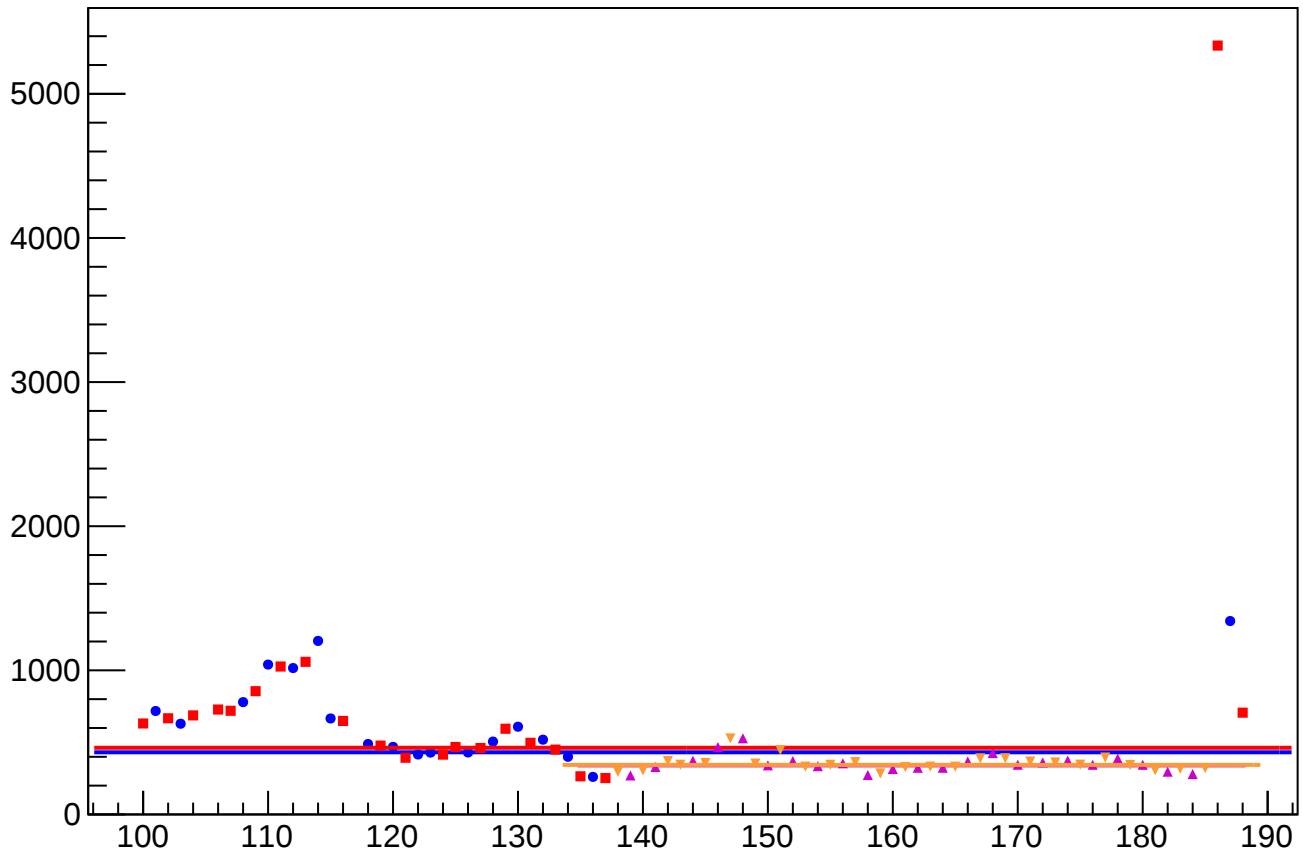
Left In: 56.402 ± 82.155 χ^2/NDF : 39.7/22

+ sign -99.624 ± 73.809 χ^2/NDF : 37.1/42

All: -46.085 ± 52.541 χ^2/NDF : 104.1/86

- sign 8.916 ± 74.810 χ^2/NDF : 66.0/43

asym_sam1_rms vs Slug



Right In: 431.281 $\pm$ 0.127 χ^2/NDF : 2150179.2/17

Left Out: 343.762 $\pm$ 0.057 χ^2/NDF : 539246.3/24

+ sign 358.642 $\pm$ 0.052 χ^2/NDF : 3086246.9/42

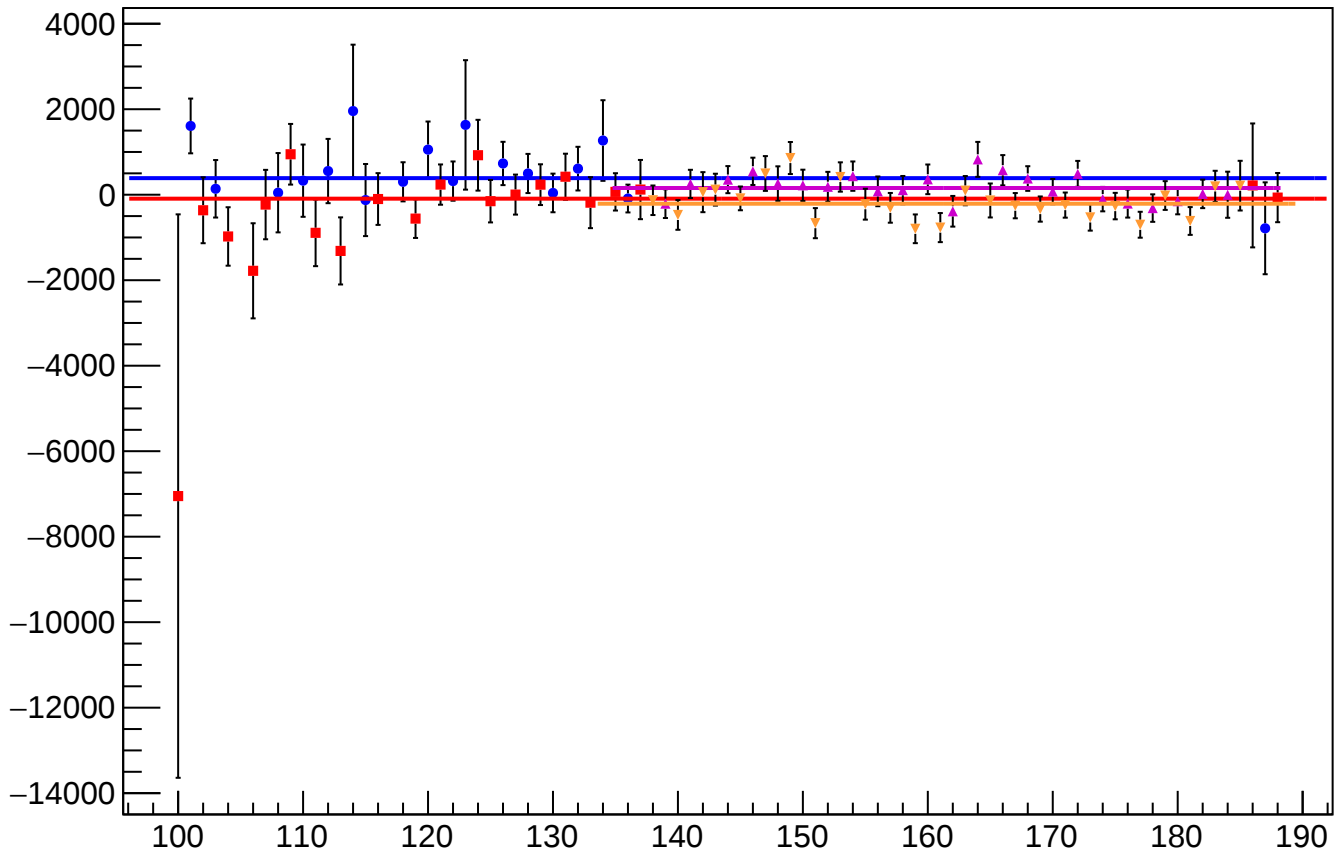
Right Out: 462.653 $\pm$ 0.128 χ^2/NDF : 2775317.2/20

All: 359.993 $\pm$ 0.037 χ^2/NDF : 7354980.5/86

- sign 361.381 $\pm$ 0.053 χ^2/NDF : 4267375.1/43

Left In: 340.519 $\pm$ 0.058 χ^2/NDF : 737049.6/22

dit_asym_sam2_mean vs Slug



Right In: 387.742 ± 138.799 χ^2/NDF : 12.6/17

Left Out: -210.579 ± 68.284 χ^2/NDF : 32.3/24

Right Out: -92.522 ± 134.706 χ^2/NDF : 15.7/20

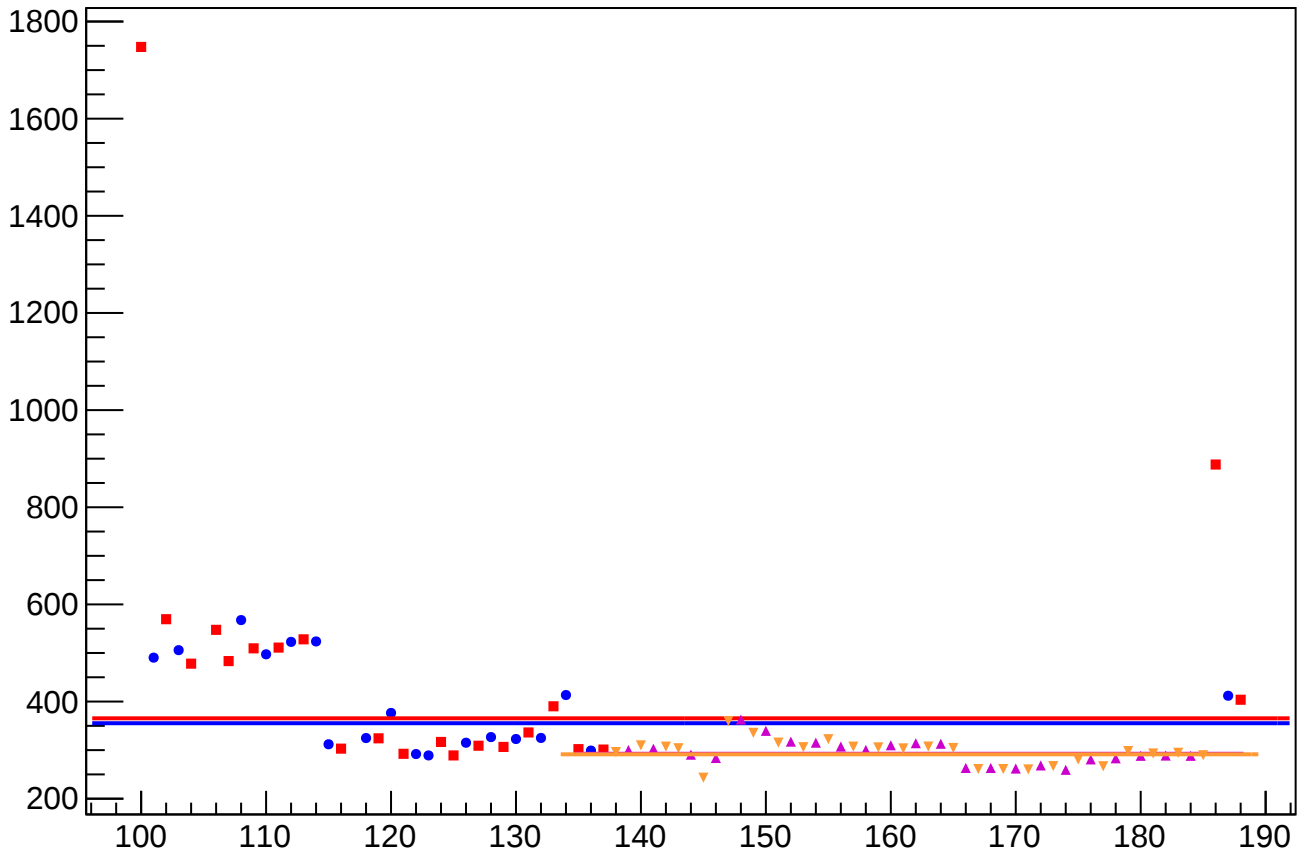
Left In: 156.945 ± 69.984 χ^2/NDF : 18.0/22

+ sign -93.988 ± 61.271 χ^2/NDF : 59.9/42

All: 3.632 ± 43.616 χ^2/NDF : 101.4/86

- sign 103.922 ± 62.103 χ^2/NDF : 36.4/43

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: 365.477 $\pm$ 0.095 χ^2 /NDF: 1153290.7/20

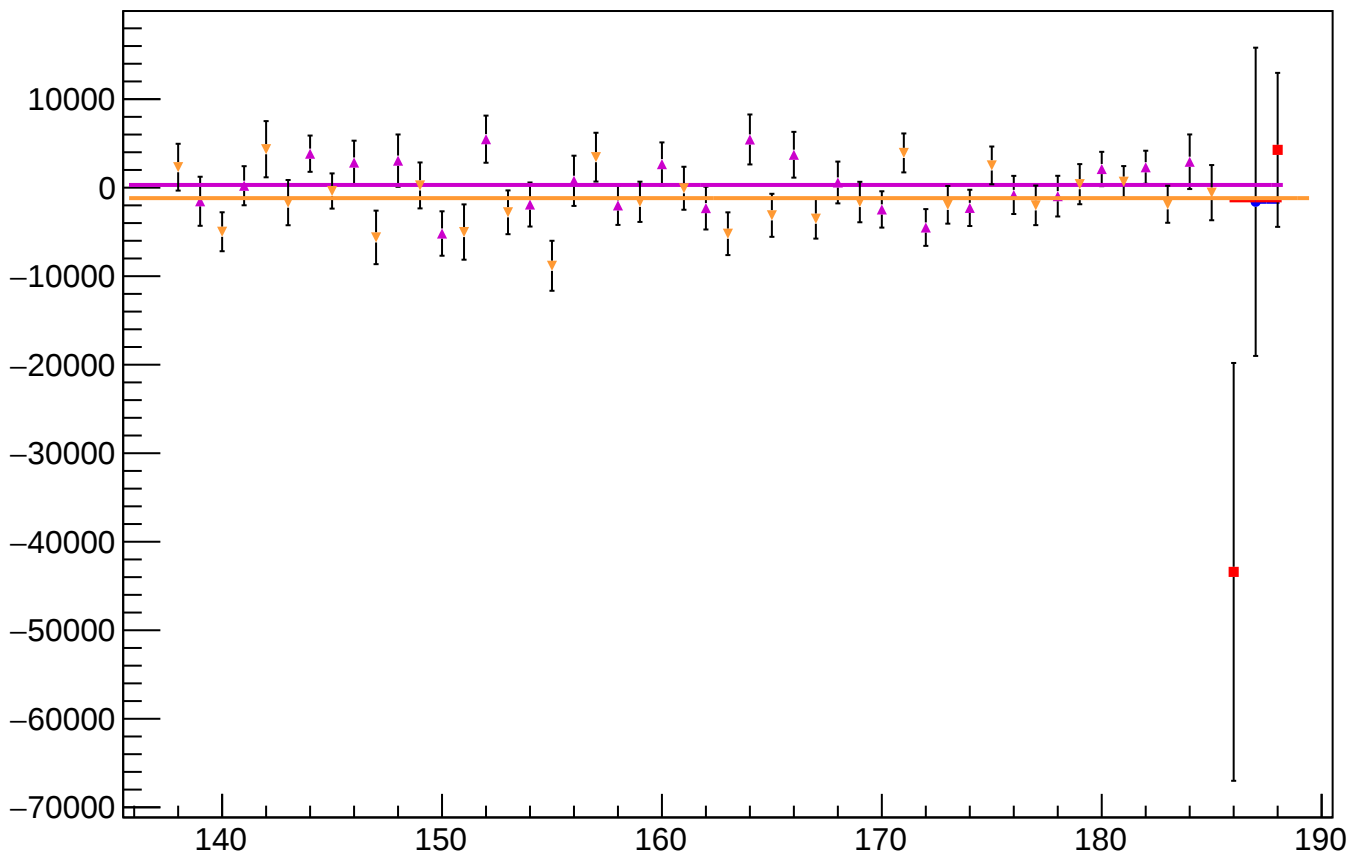
Left In: 292.469 $\pm$ 0.049 χ^2 /NDF: 239778.2/22

+ sign 303.857 $\pm$ 0.043 χ^2 /NDF: 1277348.1/42

All: 305.894 $\pm$ 0.031 χ^2 /NDF: 3137517.9/86

- sign 307.986 $\pm$ 0.044 χ^2 /NDF: 1855688.3/43

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: -1431.800 ± 8161.631 χ^2/NDF : 3.6/1

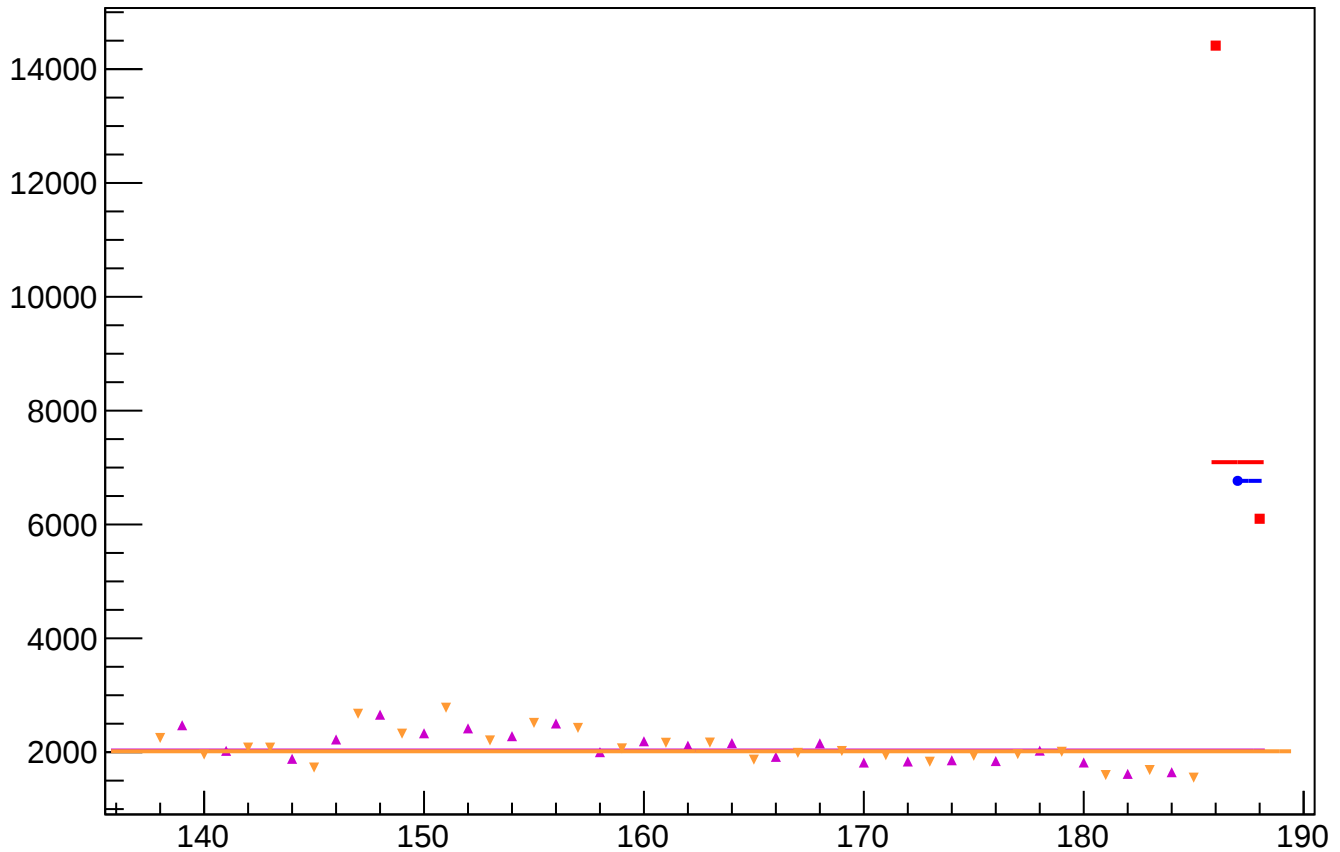
Left In: 306.633 ± 487.657 χ^2/NDF : 35.0/22

+ sign -1183.097 ± 475.399 χ^2/NDF : 37.6/25

All: -458.884 ± 340.113 χ^2/NDF : 81.0/50

- sign 300.449 ± 486.789 χ^2/NDF : 38.7/24

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: 7094.748+/-5.771 χ^2/NDF : 218430.1/1

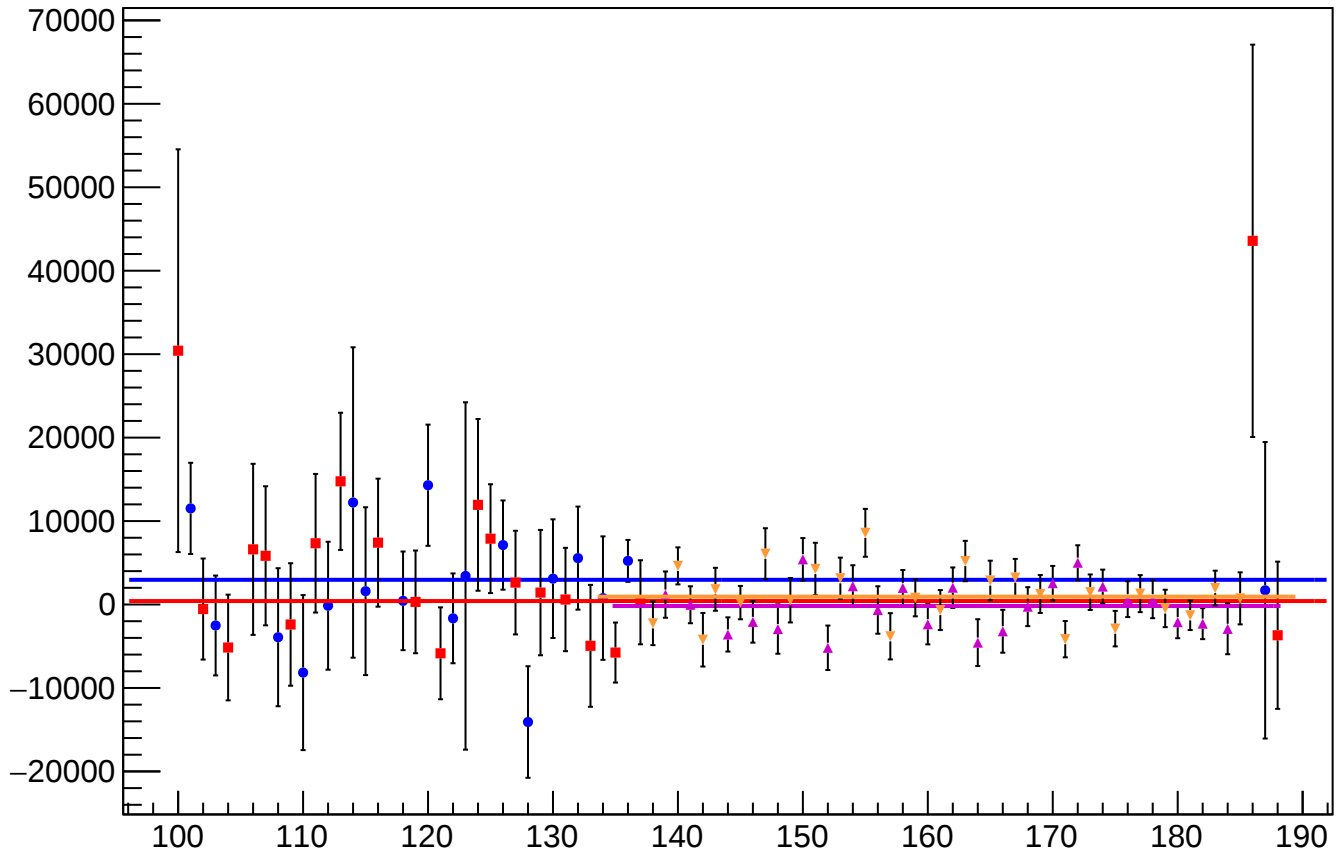
Left In: 2028.571+/-0.345 χ^2/NDF : 555843.5/22

+ sign 2019.043+/-0.336 χ^2/NDF : 821622.4/25

All: 2032.492+/-0.240 χ^2/NDF : 2367047.4/50

- sign 2046.593+/-0.344 χ^2/NDF : 1542146.1/24

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: 416.343 $\pm$ 1482.581 χ^2 /NDF: 18.9/20

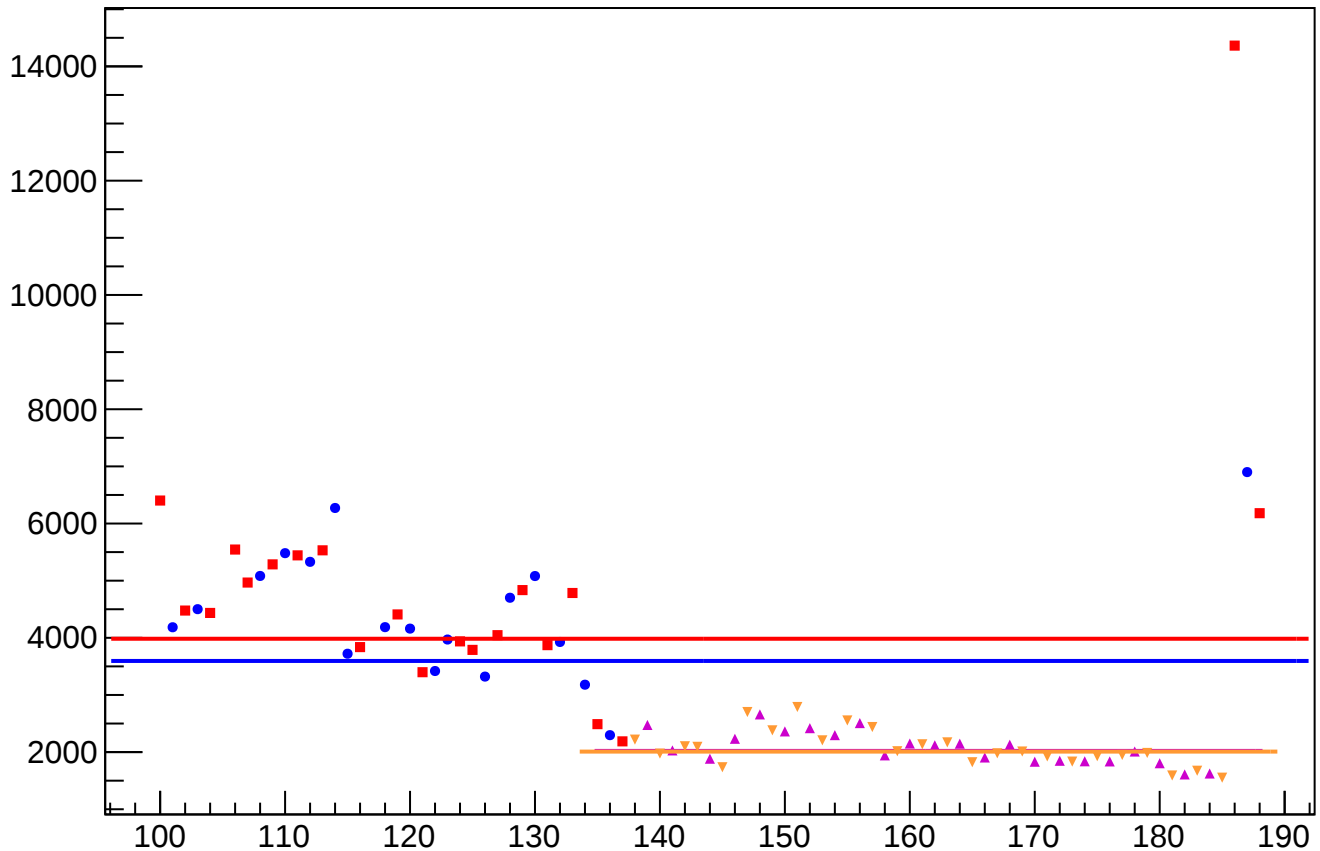
Left In: -180.087 $\pm$ 486.112 χ^2 /NDF:32.9/22

+ sign 1141.439 $\pm$ 450.482 χ^2 /NDF: 57.4/42

All: 525.457 $\pm$ 322.505 χ^2 /NDF: 113.3/86

- sign -122.191 $\pm$ 461.916 χ^2 /NDF: 52.0/43

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: 3983.713+/-1.048 χ^2/NDF : 1512436.5/20

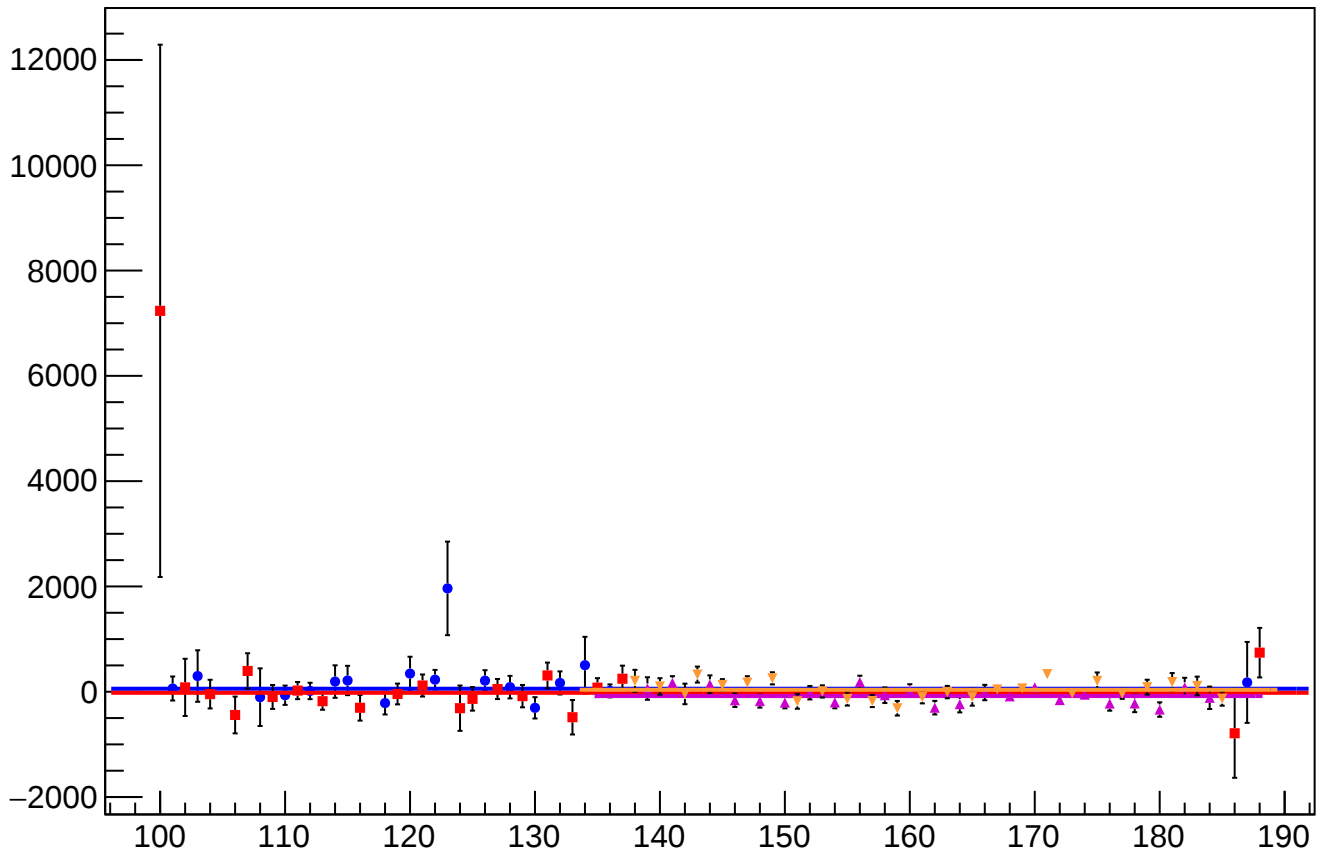
Left In: 2020.887+/-0.344 χ^2/NDF : 576363.5/22

+ sign 2165.057+/-0.319 χ^2/NDF : 4068706.4/42

All: 2187.658+/-0.228 χ^2/NDF : 9333100.5/80

- sign 2211.421+/-0.327 χ^2/NDF : 5254067.0/43

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: -20.372+/-53.572 χ^2/NDF : 17.7/20

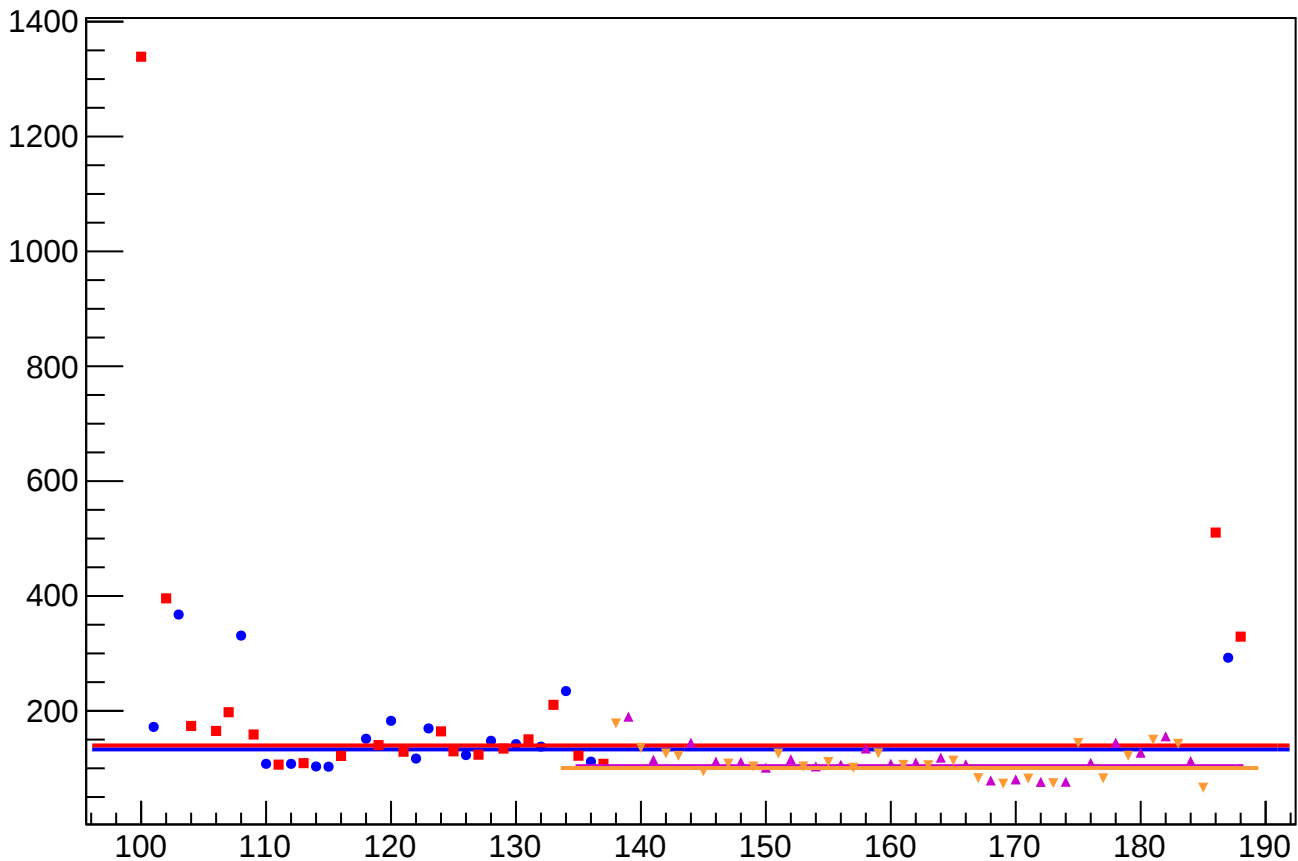
Left In: -82.367+/-25.719 χ^2/NDF : 29.6/22

+ sign 40.468+/-22.213 χ^2/NDF : 56.2/42

All: -12.762+/-16.040 χ^2/NDF : 116.6/86

- sign -70.755+/-23.185 χ^2/NDF : 48.5/43

dit_asym_sam3_rms vs Slug



Right In: 132.888 ± 0.038 χ^2/NDF : 1231281.8/17

Left Out: 100.470 ± 0.017 χ^2/NDF : 1857936.9/24

Right Out: 139.786 ± 0.038 χ^2/NDF : 1729361.7/20

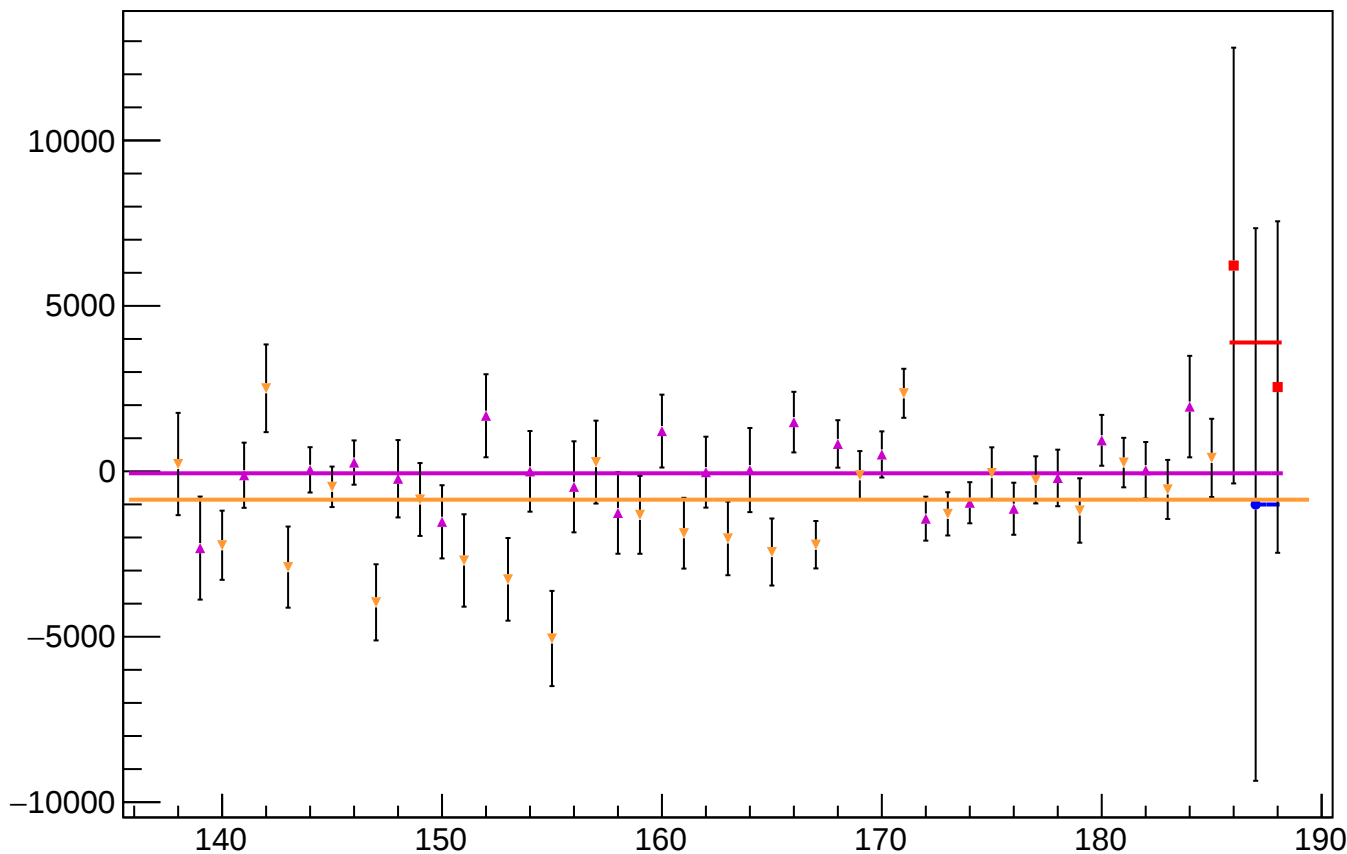
Left In: 103.707 ± 0.018 χ^2/NDF : 1640646.4/22

+ sign 106.007 ± 0.016 χ^2/NDF : 3692515.4/42

All: 108.140 ± 0.011 χ^2/NDF : 7838298.8/86

- sign 110.465 ± 0.016 χ^2/NDF : 4107230.9/43

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: 3893.213+/-3987.124 χ^2 /NDF: 0.2/1

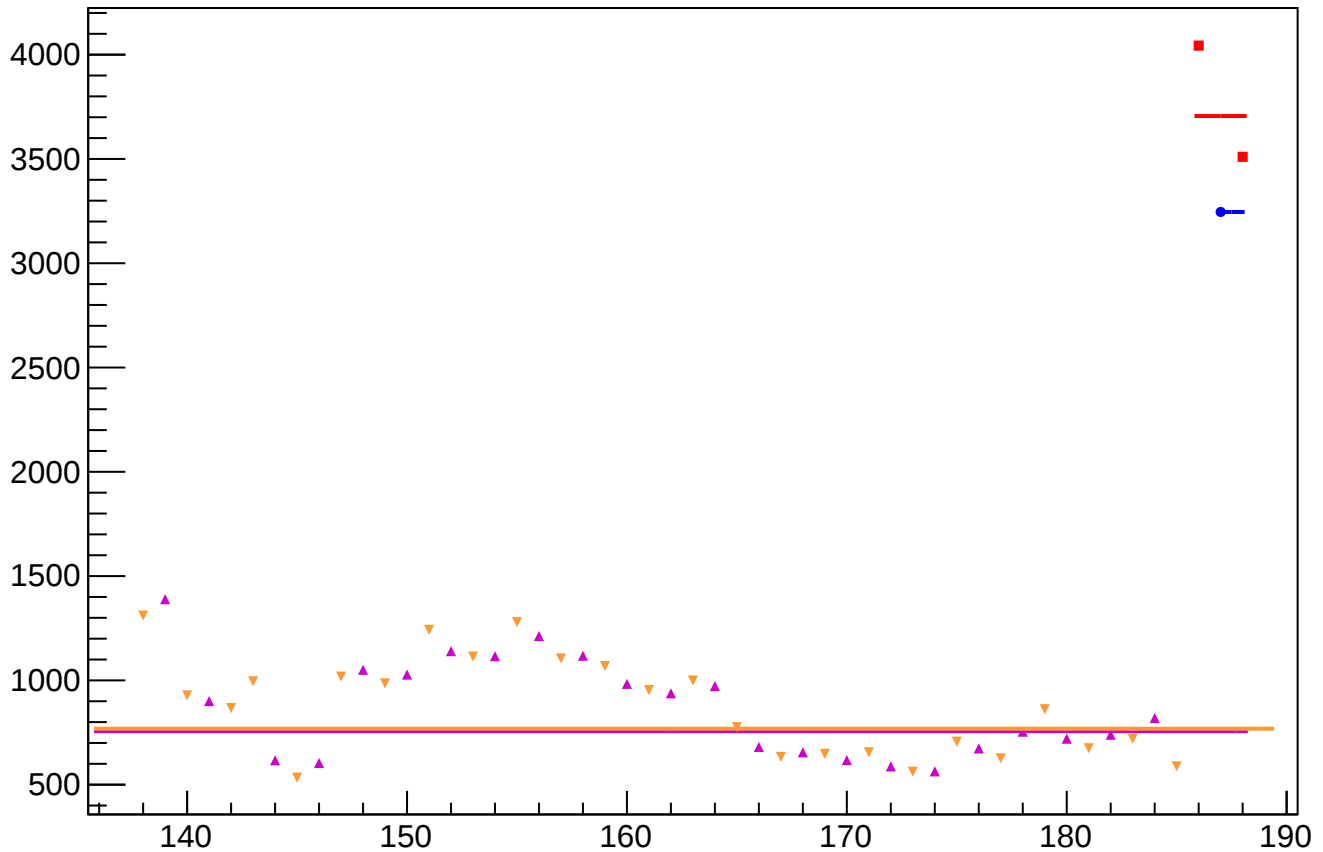
Left In: -59.875+/-186.696 χ^2 /NDF: 25.1/22

+ sign -857.368+/-185.990 χ^2 /NDF: 67.8/25

All: -455.382+/-131.692 χ^2 /NDF: 103.4/50

- sign -51.226+/-186.491 χ^2 /NDF: 26.3/24

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: 3705.725 $\pm$ 2.819 χ^2 /NDF: 8296.7/1

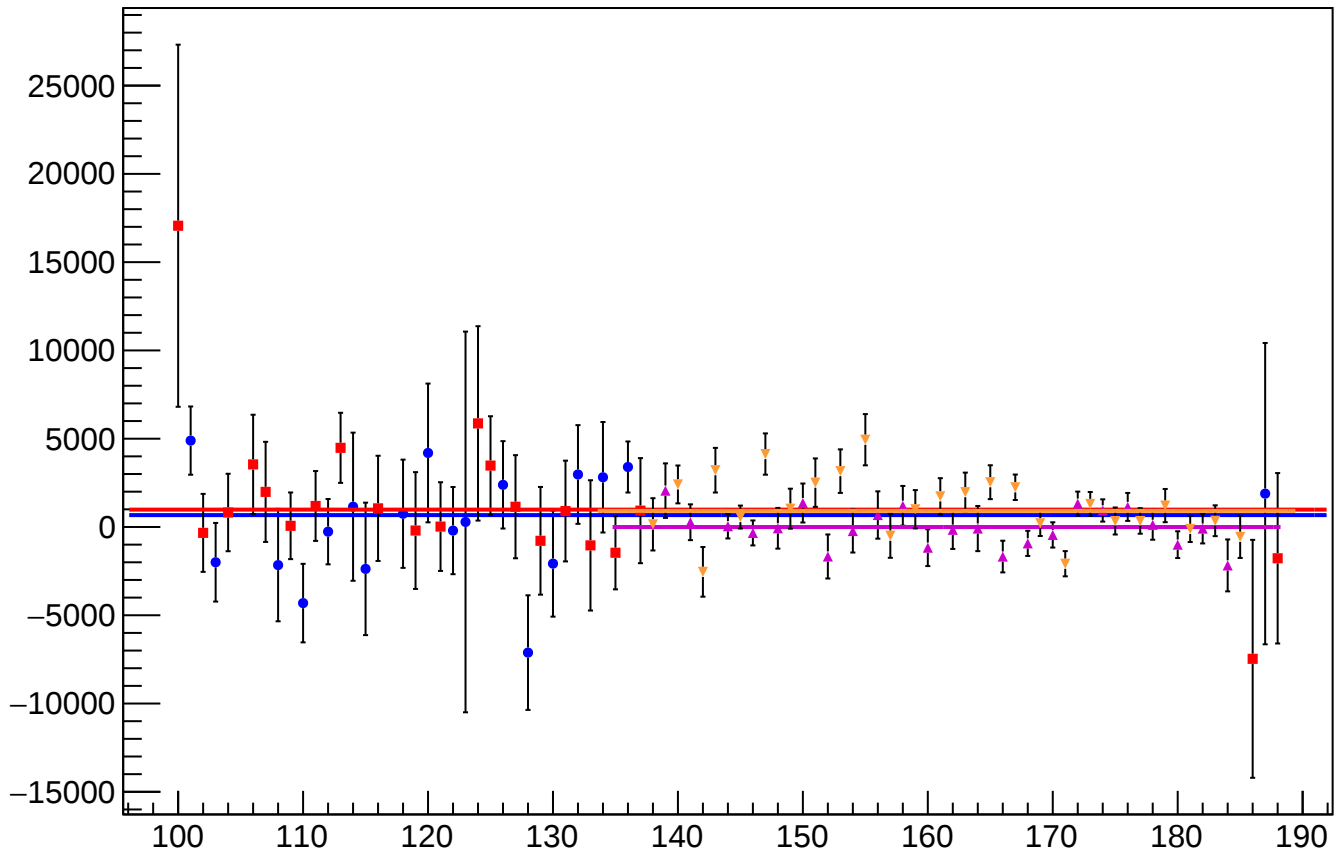
Left In: 756.684 $\pm$ 0.132 χ^2 /NDF: 2245661.1/22

+ sign 769.509 $\pm$ 0.132 χ^2 /NDF: 2639646.7/25

All: 766.331 $\pm$ 0.093 χ^2 /NDF: 5986519.0/50

- sign 763.136 $\pm$ 0.132 χ^2 /NDF: 3345701.5/24

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: 983.708 ± 595.655 χ^2/NDF : 12.9/20

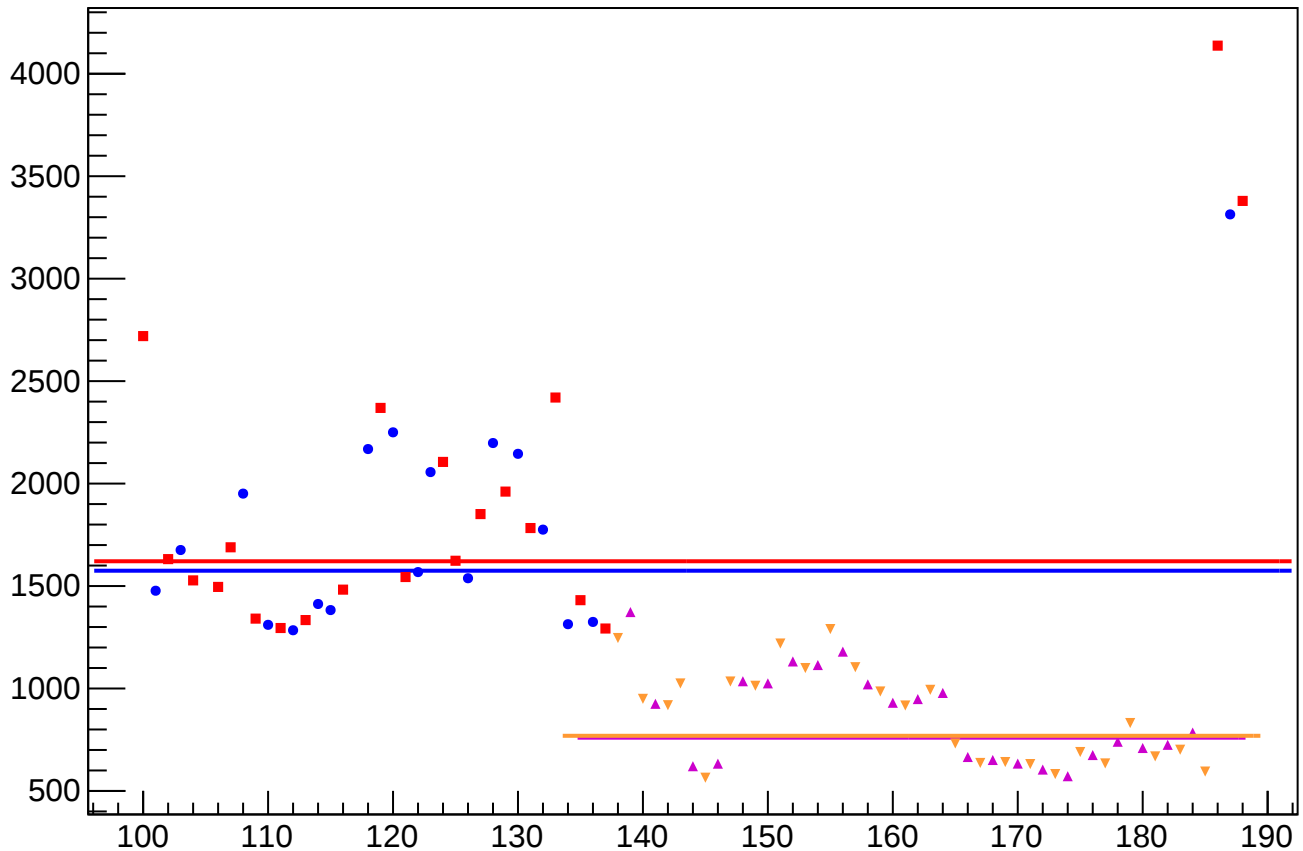
Left In: -2.470 ± 187.271 χ^2/NDF : 25.6/22

+ sign 891.995 ± 178.181 χ^2/NDF : 90.7/42

All: 490.177 ± 126.158 χ^2/NDF : 142.0/86

- sign 86.240 ± 178.650 χ^2/NDF : 41.0/43

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: 1620.907 $\pm$ 0.421 χ^2 /NDF: 1018870.5/20

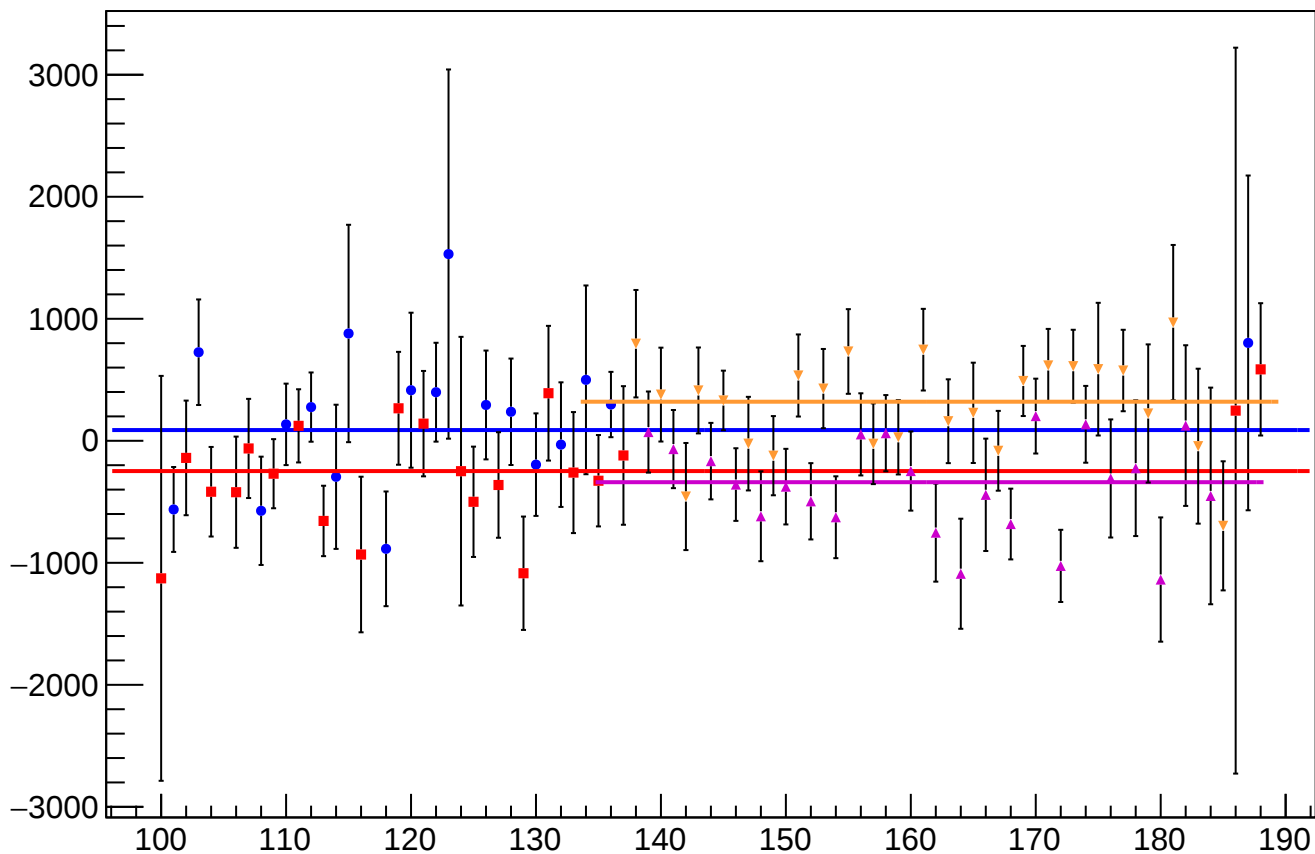
Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

+ sign 836.341 $\pm$ 0.126 χ^2 /NDF: 5972559.3/42

All: 836.860 $\pm$ 0.089 χ^2 /NDF: 12808779.2/80

- sign 837.382 $\pm$ 0.126 χ^2 /NDF: 6836185.9/43

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: -248.144 $\pm$ 96.195 χ^2/NDF : 15.1/20

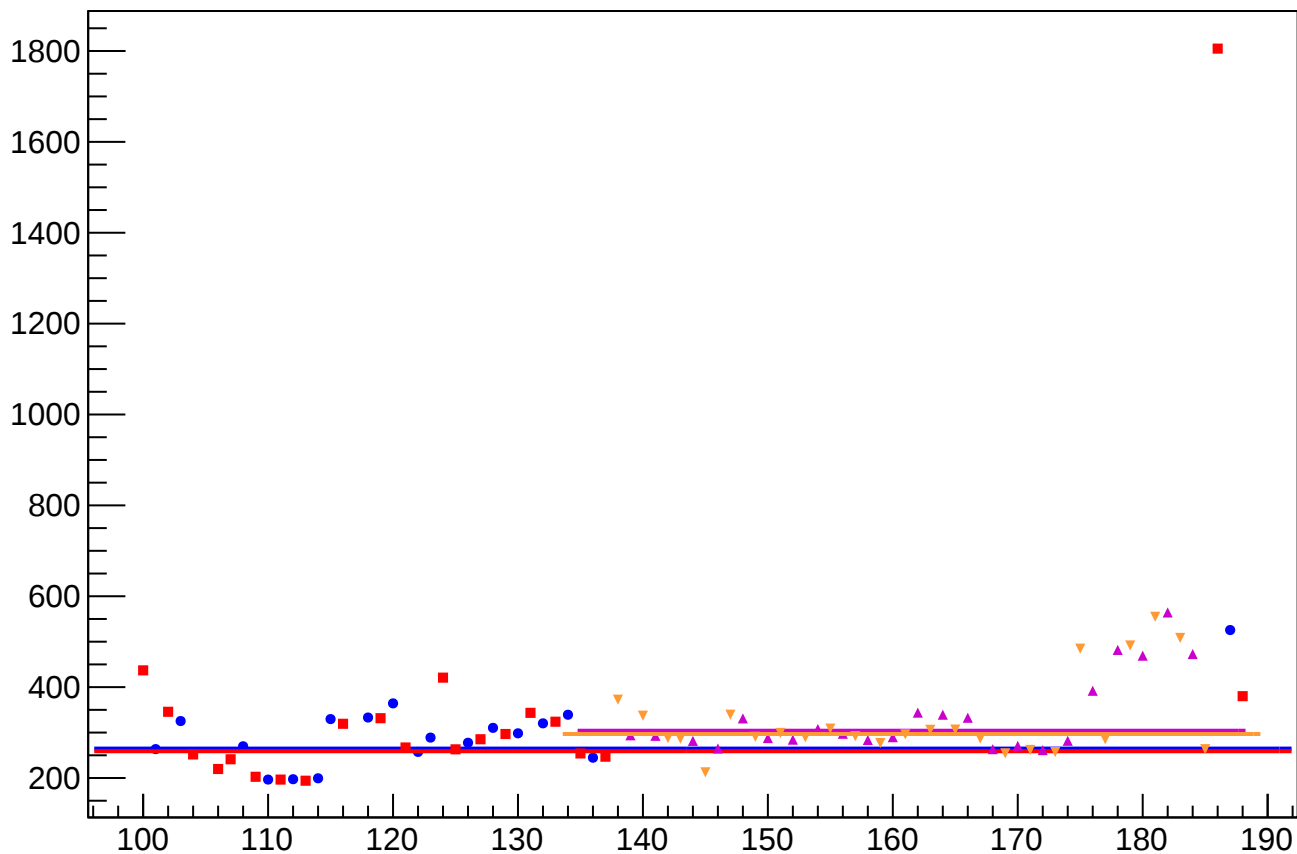
Left In: -339.260 $\pm$ 74.418 χ^2/NDF : 26.3/22

+ sign 245.207 $\pm$ 58.763 χ^2/NDF : 43.6/42

All: -29.512 $\pm$ 41.586 χ^2/NDF : 129.3/86

- sign -305.145 $\pm$ 58.861 χ^2/NDF : 41.9/43

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: 258.898 $\pm$ 0.068 χ^2 /NDF: 1232064.4/20

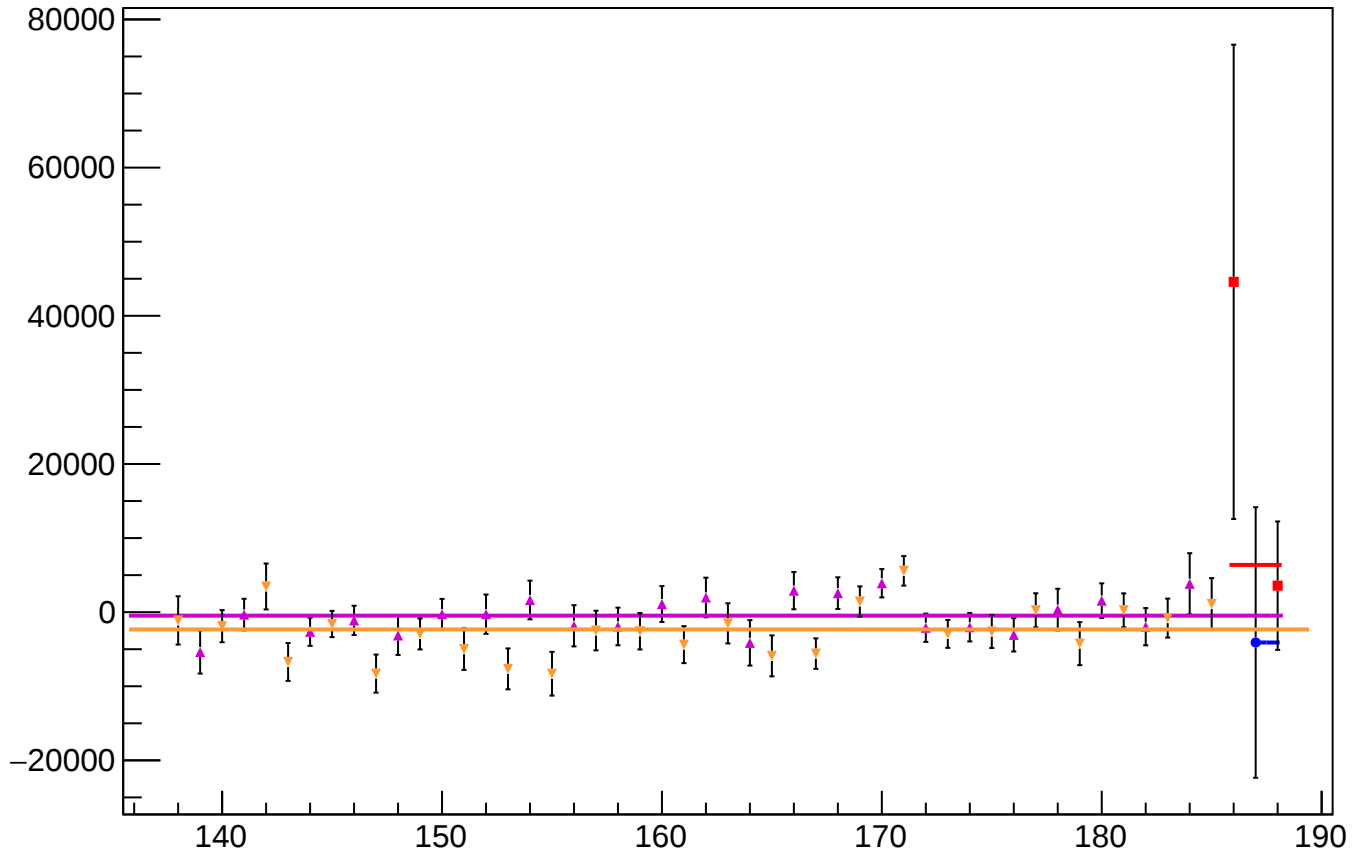
Left In: 304.067 $\pm$ 0.053 χ^2 /NDF:1106083.1/22

+ sign 286.510 $\pm$ 0.042 χ^2 /NDF: 2163110.8/42

All: 286.832 $\pm$ 0.029 χ^2 /NDF: 4777255.3/86

- sign 287.155 $\pm$ 0.042 χ^2 /NDF: 2614024.2/43

asym_sam4_correction_mean vs Slug



Right In: -4094.945 $\pm$ 18259.349 χ^2 /NDF: 0.0/0

Left Out: -2328.254 $\pm$ 482.072 χ^2 /NDF: 49.4/24

Right Out: 6376.851 $\pm$ 8364.857 χ^2 /NDF: 1.5/1

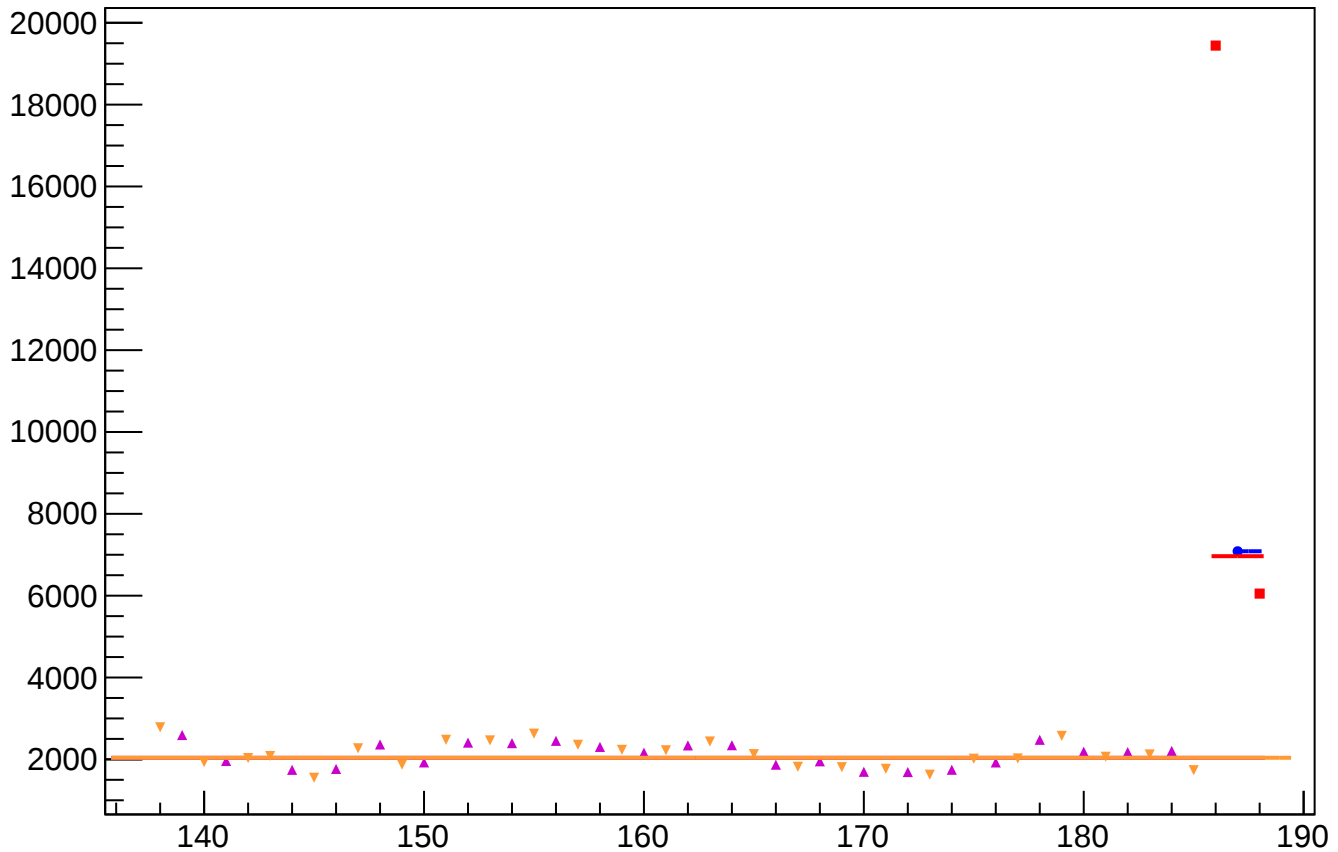
Left In: -468.113 $\pm$ 490.449 χ^2 /NDF: 23.2/22

+ sign -2329.485 $\pm$ 481.904 χ^2 /NDF: 49.4/25

All: -1402.019 $\pm$ 343.449 χ^2 /NDF: 82.4/50

- sign -444.663 $\pm$ 489.608 χ^2 /NDF: 25.4/24

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: 6965.129+/-5.915 χ^2/NDF : 326158.8/1

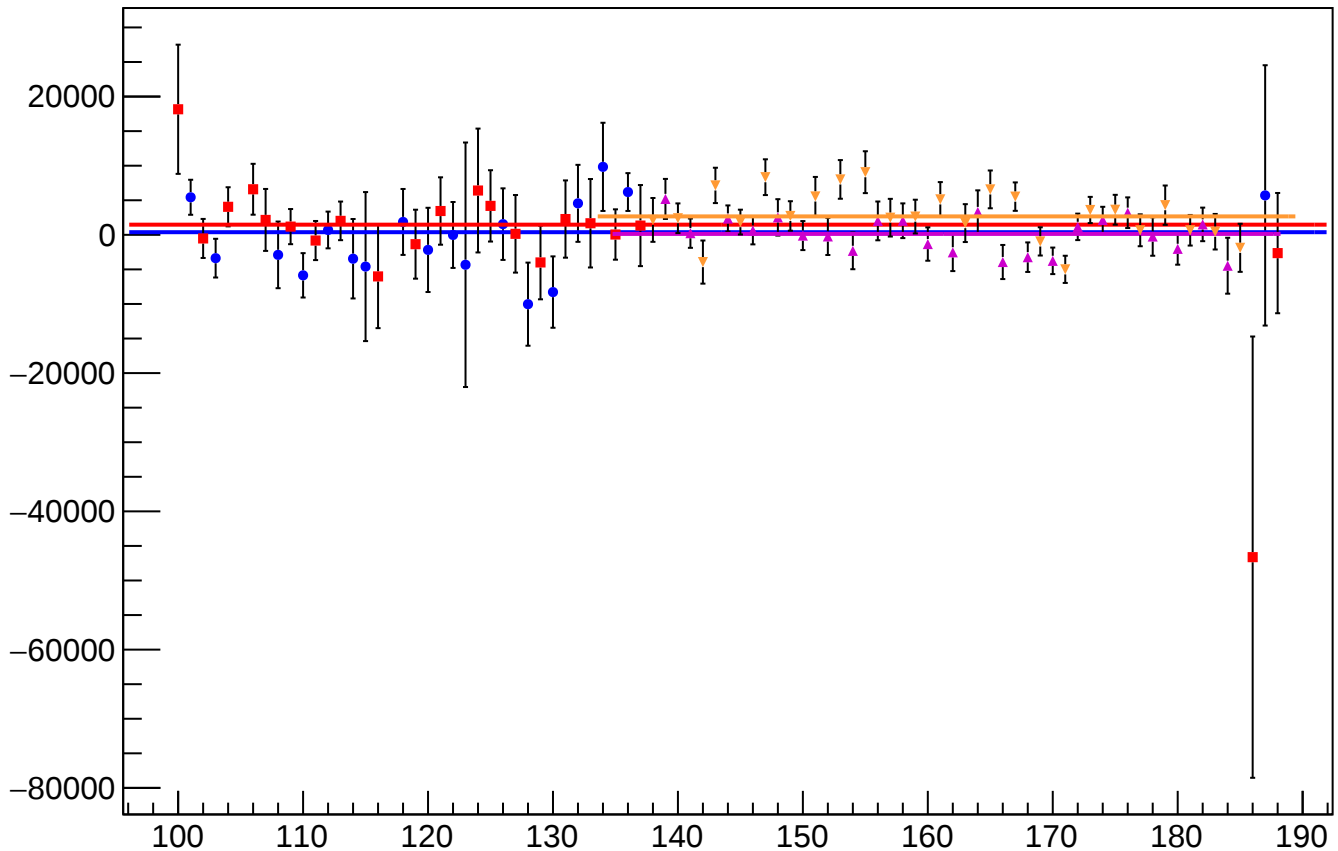
Left In: 2036.656+/-0.347 χ^2/NDF : 652291.9/22

+ sign 2042.484+/-0.341 χ^2/NDF : 982126.0/25

All: 2047.925+/-0.243 χ^2/NDF : 2653001.1/50

- sign 2053.540+/-0.346 χ^2/NDF : 1670357.1/24

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: 1470.640+/-918.452 χ^2/NDF : 13.0/20

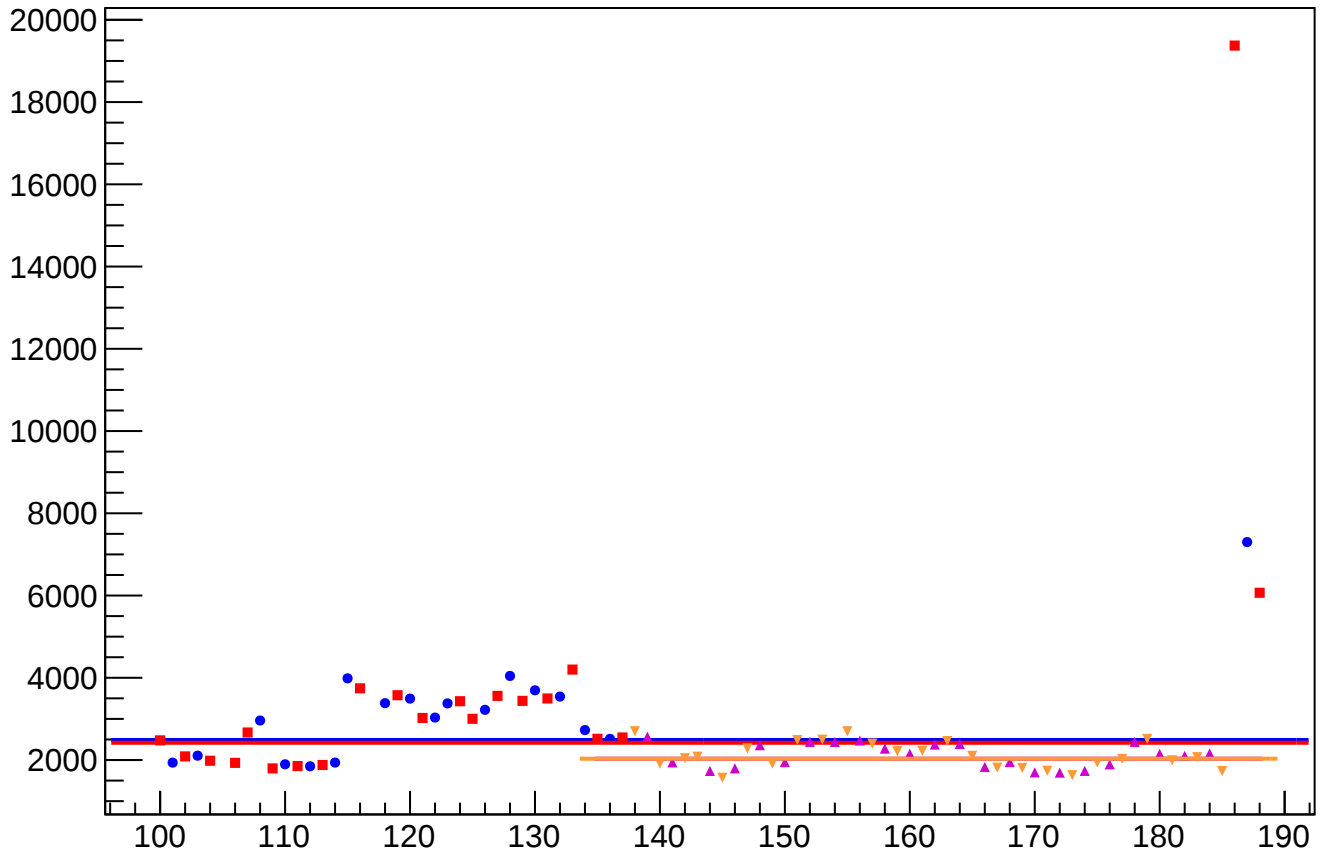
Left In: 132.307+/-489.752 χ^2/NDF : 24.7/22

+ sign 2231.356+/-432.704 χ^2/NDF : 78.5/42

All: 1328.827+/-305.772 χ^2/NDF : 126.7/86

- sign 428.602+/-432.151 χ^2/NDF : 39.4/43

asym_sam4_rms vs Slug



Right In: 2487.762 $\pm$ 0.701 χ^2 /NDF: 1037305.0/17

Left Out: 2032.502 $\pm$ 0.340 χ^2 /NDF: 824418.6/24

Right Out: 2419.886 $\pm$ 0.649 χ^2 /NDF: 1946677.4/20

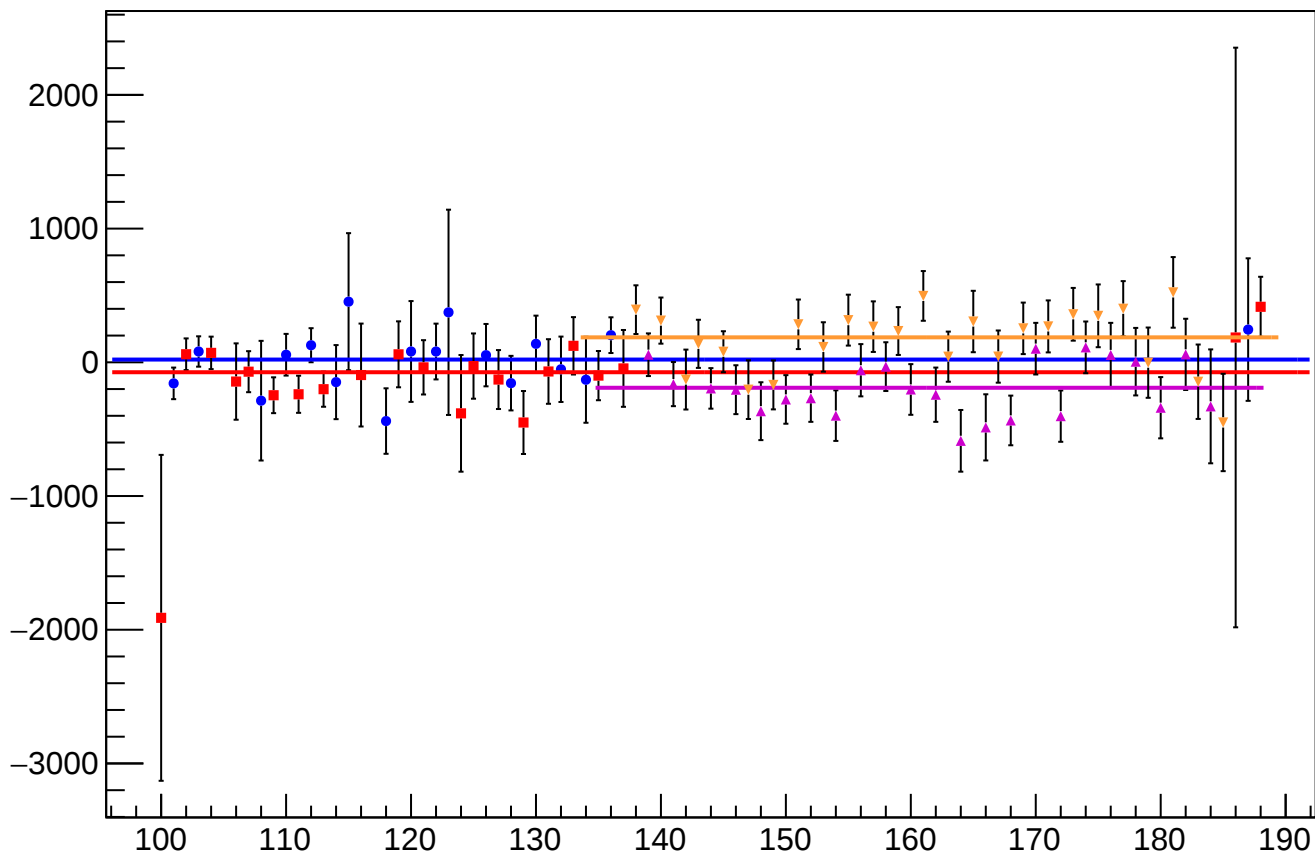
Left In: 2031.692 $\pm$ 0.346 χ^2 /NDF: 653382.0/22

+ sign 2119.279 $\pm$ 0.306 χ^2 /NDF: 2203284.5/42

All: 2118.456 $\pm$ 0.216 χ^2 /NDF: 5081543.1/80

- sign 2117.635 $\pm$ 0.306 χ^2 /NDF: 2878244.2/43

dit_asym_sam5_mean vs Slug



Right In: 20.611+/-45.975 χ^2/NDF : 12.2/17

Left Out: 186.705+/-39.986 χ^2/NDF : 25.9/24

Right Out: -74.198+/-41.934 χ^2/NDF : 18.1/20

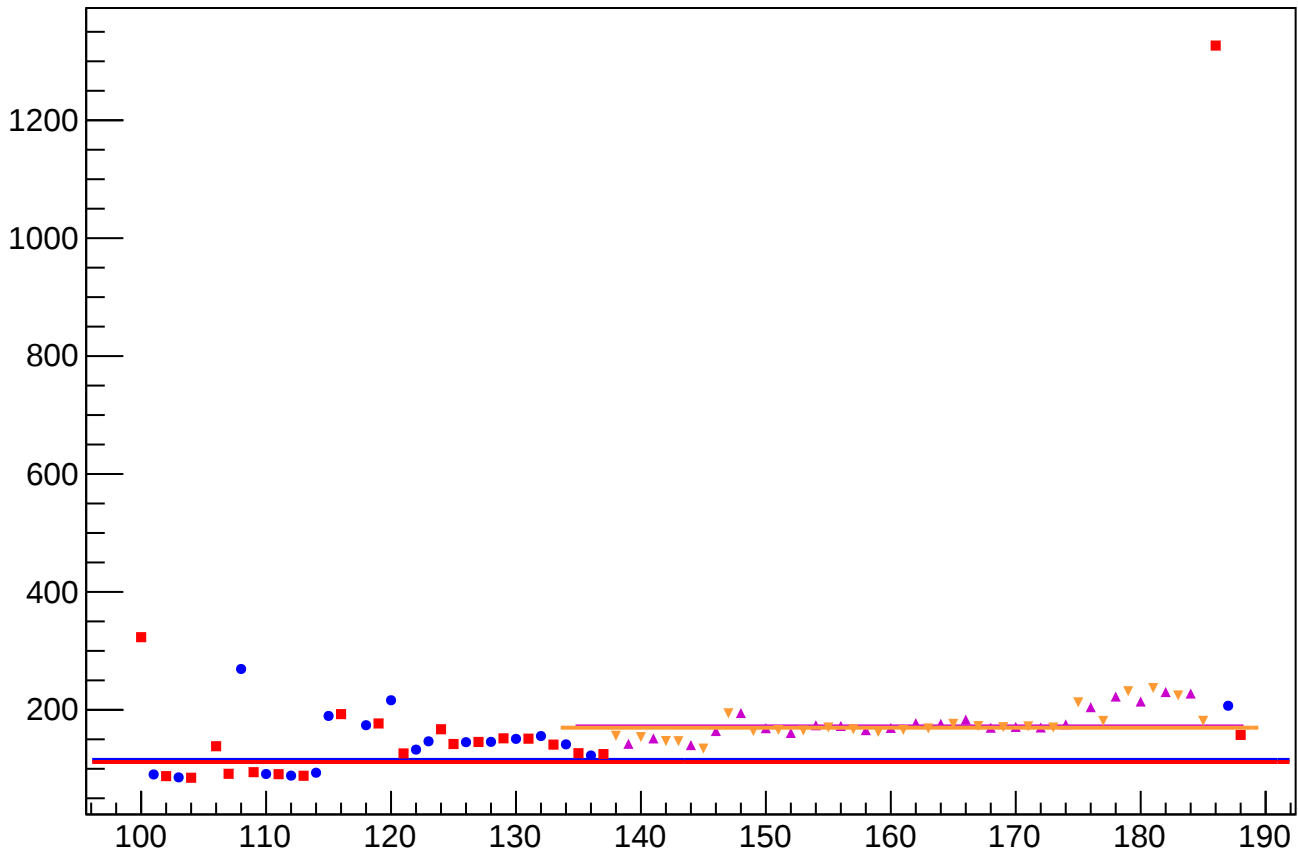
Left In: -190.416+/-41.307 χ^2/NDF : 21.1/22

+ sign 115.175+/-30.171 χ^2/NDF : 45.5/42

All: -12.102+/-21.066 χ^2/NDF : 123.4/86

- sign -133.183+/-29.428 χ^2/NDF : 43.2/43

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: 111.561 $\pm$ 0.030 χ^2 /NDF: 1661678.7/20

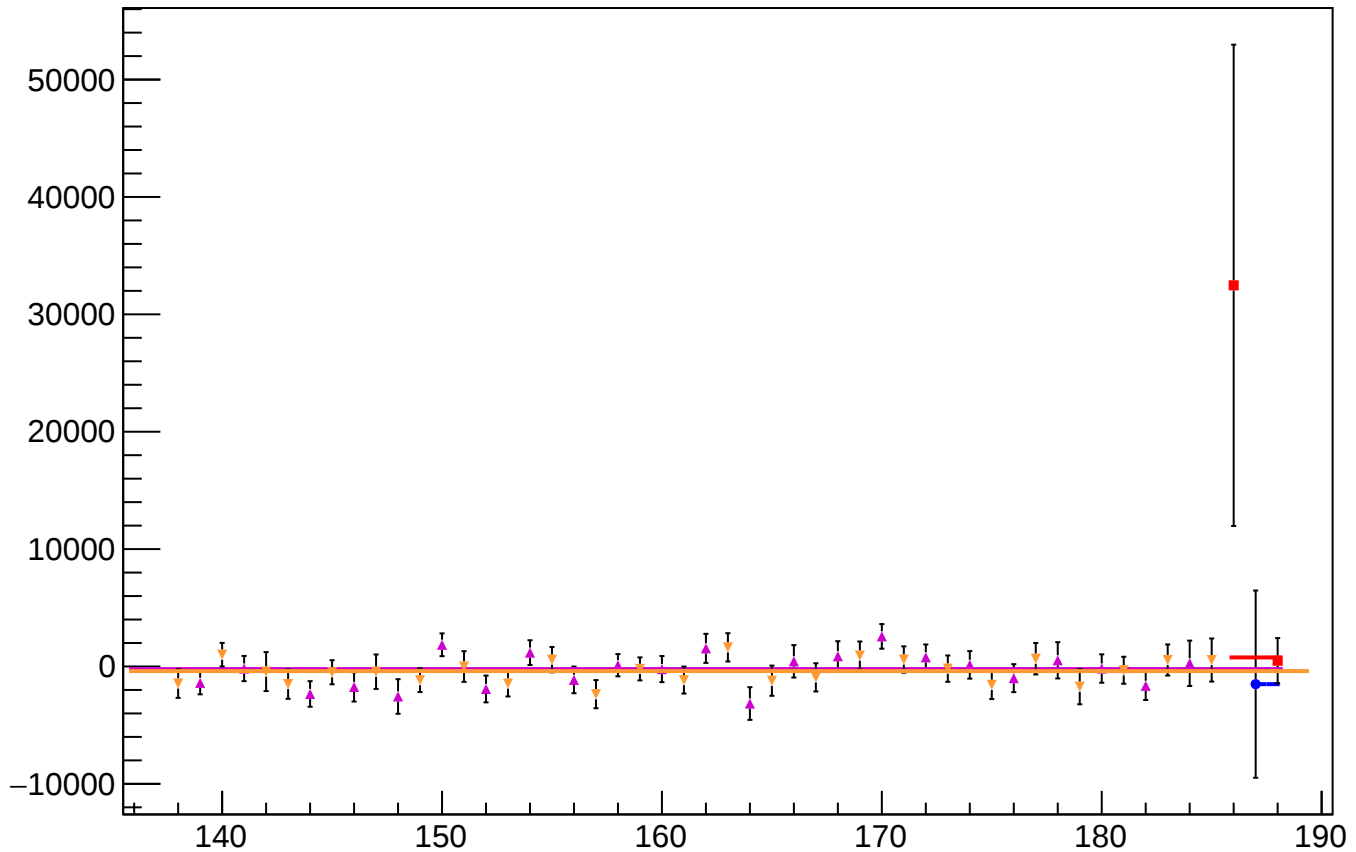
Left In: 171.896 $\pm$ 0.029 χ^2 /NDF: 546889.0/22

+ sign 146.198 $\pm$ 0.021 χ^2 /NDF: 3423112.9/42

All: 144.140 $\pm$ 0.015 χ^2 /NDF: 7751205.4/86

- sign 142.183 $\pm$ 0.021 χ^2 /NDF: 4309941.1/43

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: 769.177+/-1924.983 χ^2 /NDF: 2.4/1

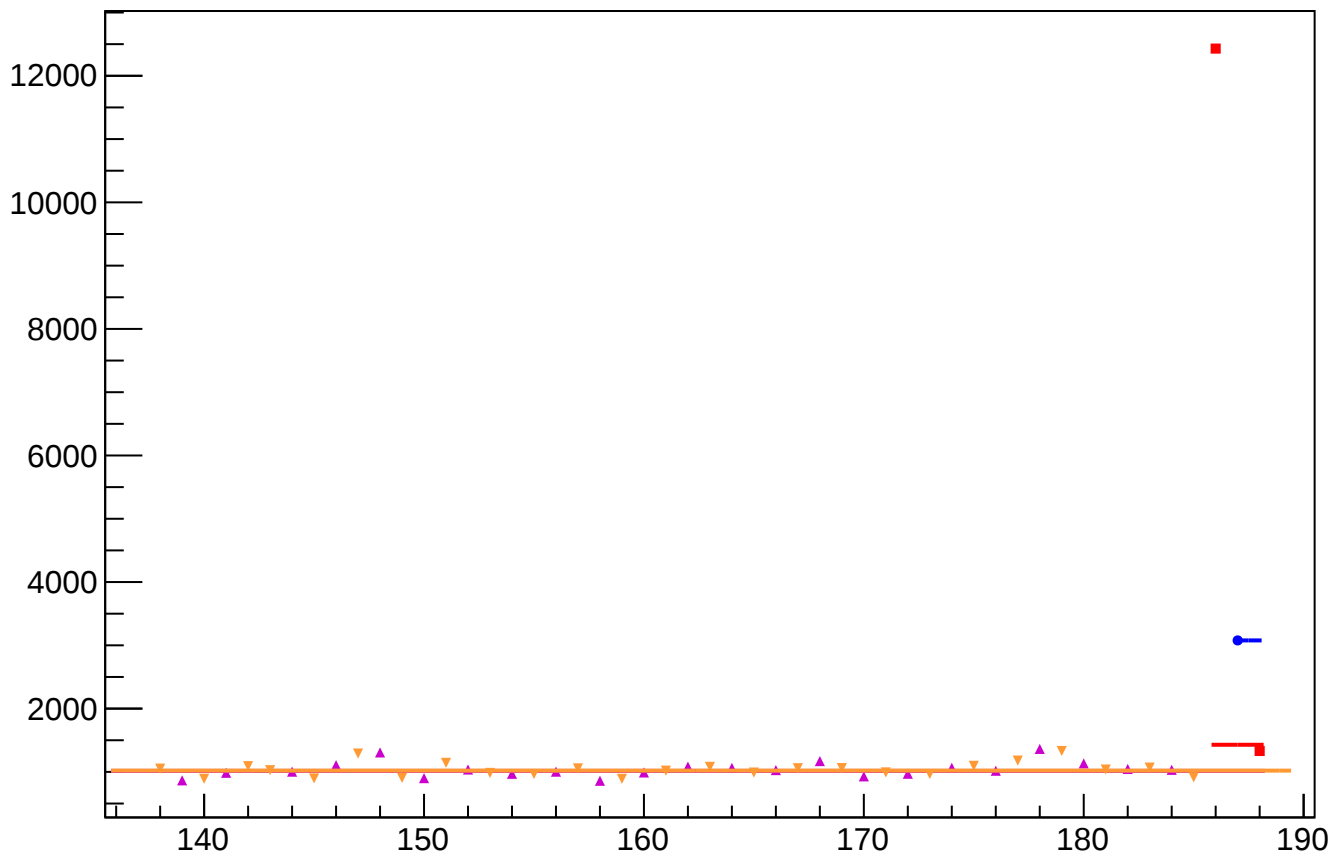
Left In: -222.086+/-243.855 χ^2 /NDF: 36.1/22

+ sign -392.579+/-239.792 χ^2 /NDF: 17.6/25

All: -300.327+/-170.306 χ^2 /NDF: 56.6/50

- sign -206.430+/-241.921 χ^2 /NDF: 38.7/24

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: 1428.534 $\pm$ 1.361 χ^2 /NDF: 581006.5/1

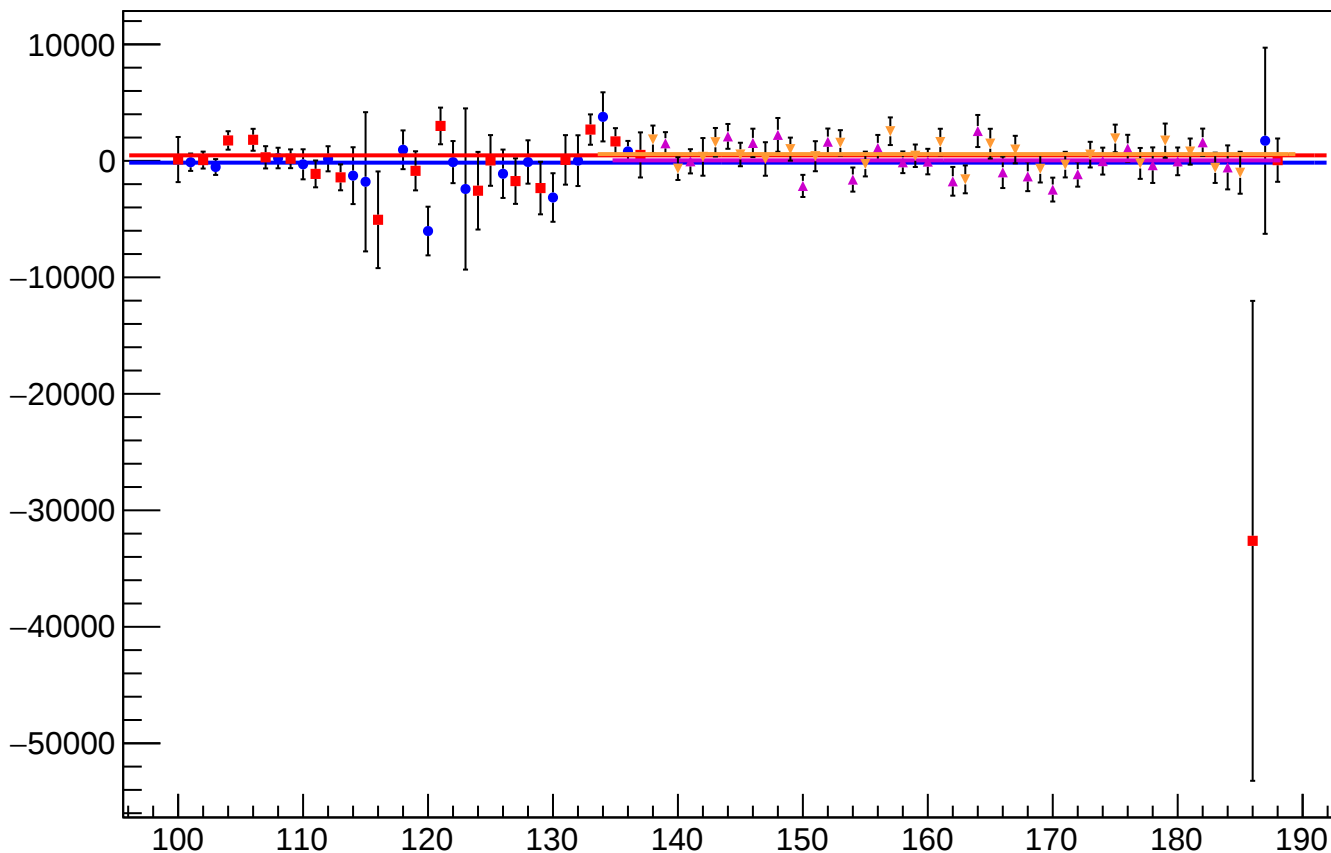
Left In: 1015.345 $\pm$ 0.172 χ^2 /NDF: 405161.9/22

+ sign 1021.923 $\pm$ 0.170 χ^2 /NDF: 500741.4/25

All: 1021.897 $\pm$ 0.120 χ^2 /NDF: 1577600.2/50

- sign 1021.871 $\pm$ 0.171 χ^2 /NDF: 1076858.7/24

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: 472.830+/-279.519 χ^2/NDF : 25.3/20

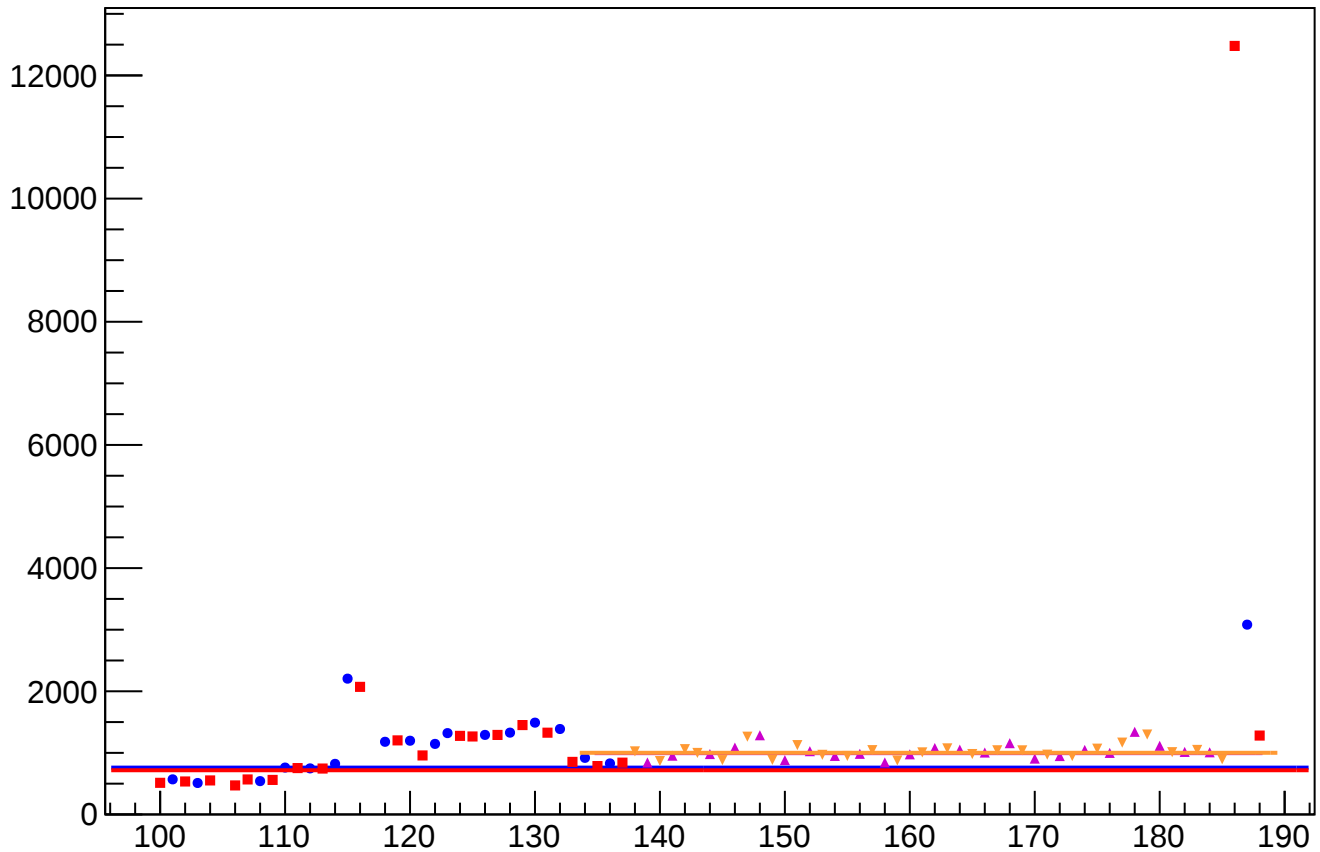
Left In: 42.397+/-239.278 χ^2/NDF : 37.9/22

+ sign 313.794+/-188.065 χ^2/NDF : 38.2/42

All: 267.590+/-130.701 χ^2/NDF : 102.8/86

- sign 224.427+/-181.773 χ^2/NDF : 64.5/43

asym_sam5_rms vs Slug



Right In: 760.536+/-0.221 χ^2/NDF : 1880392.8/17

Left Out: 1001.233+/-0.167 χ^2/NDF : 370278.3/24

Right Out: 717.896+/-0.198 χ^2/NDF : 2530843.6/20

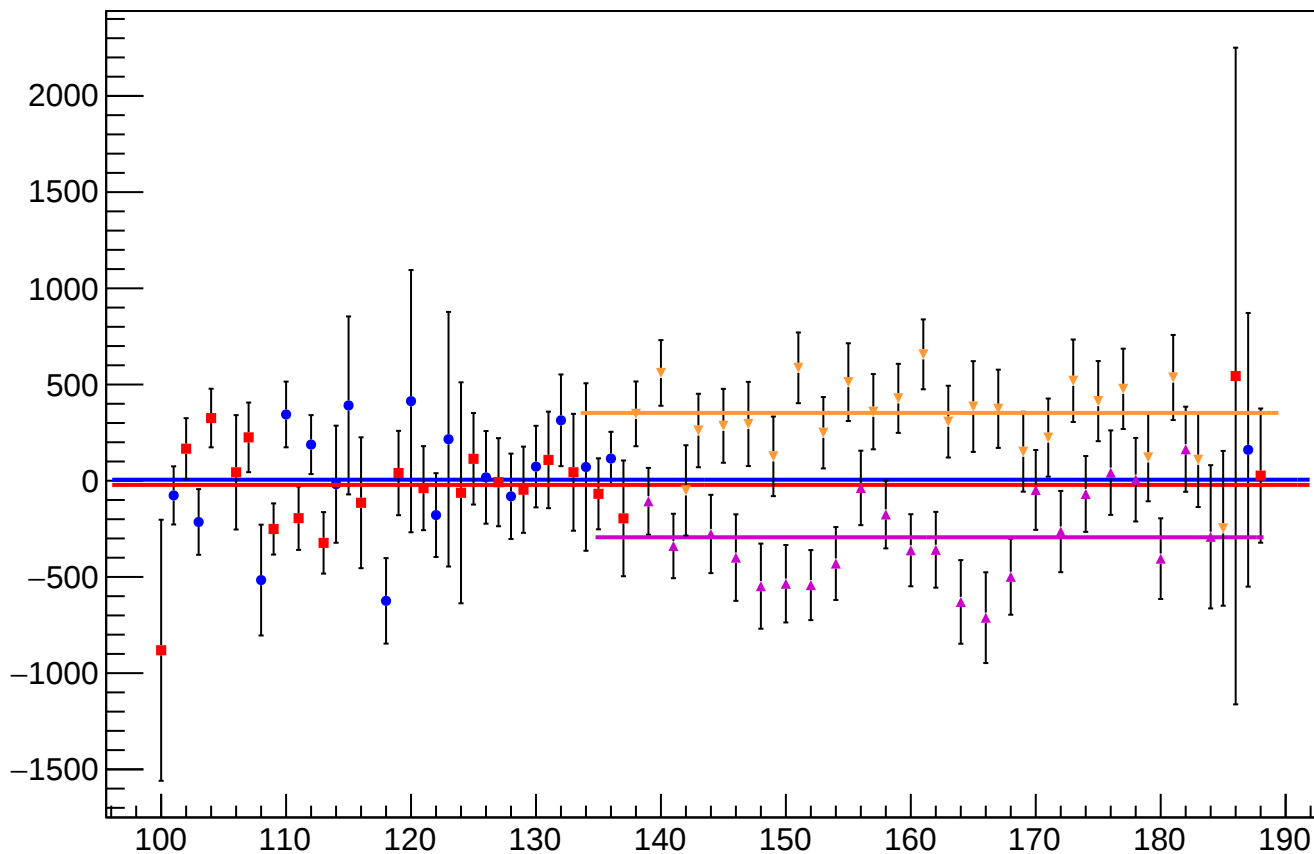
Left In: 995.590+/-0.169 χ^2/NDF : 424434.6/22

+ sign 913.926+/-0.133 χ^2/NDF : 3007958.6/42

All: 895.431+/-0.092 χ^2/NDF : 7139827.2/86

- sign 878.154+/-0.129 χ^2/NDF : 4094457.4/43

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: -21.631 ± 47.392 χ^2/NDF : 19.1/20

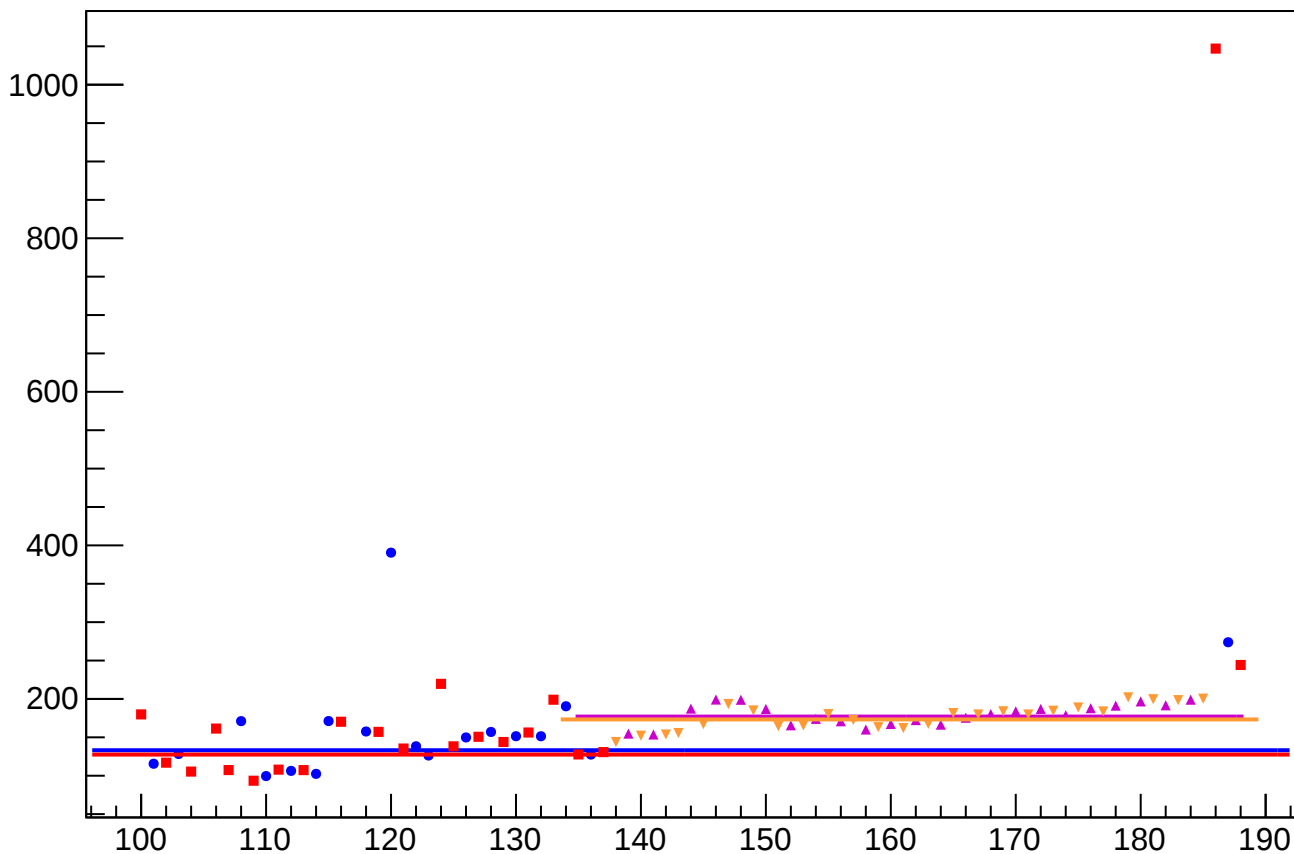
Left In: -293.836 ± 42.346 χ^2/NDF : 27.2/22

+ sign 222.064 ± 32.099 χ^2/NDF : 69.6/42

All: 21.298 ± 22.510 χ^2/NDF : 211.2/86

- sign -172.991 ± 31.577 χ^2/NDF : 64.6/43

dit_asym_sam6_rms vs Slug



Right In: 133.171 $\pm$ 0.037 χ^2 /NDF: 722539.1/17

Left Out: 173.289 $\pm$ 0.029 χ^2 /NDF: 298673.2/24

Right Out: 127.540 $\pm$ 0.034 χ^2 /NDF: 1404384.5/20

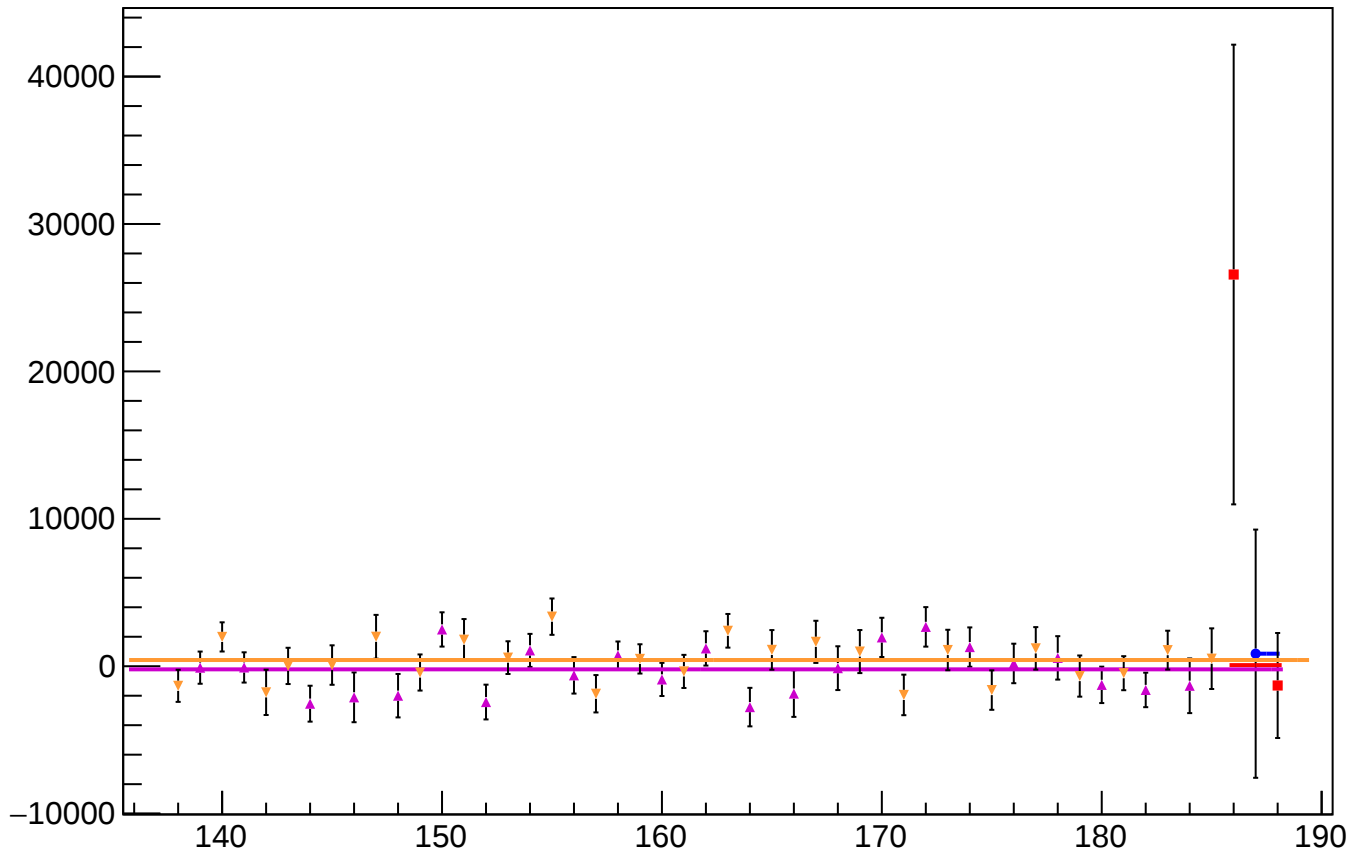
Left In: 177.014 $\pm$ 0.030 χ^2 /NDF: 214761.6/22

+ sign 158.216 $\pm$ 0.023 χ^2 /NDF: 1753985.0/42

All: 156.607 $\pm$ 0.016 χ^2 /NDF: 4594971.0/86

- sign 155.050 $\pm$ 0.022 χ^2 /NDF: 2831099.8/43

asym_sam6_correction_mean vs Slug



Right In: 850.471 $\pm$ 8418.809 χ^2 /NDF: 0.0/0

Left Out: 421.336 $\pm$ 254.085 χ^2 /NDF:30.8/24

Right Out: 75.282 $\pm$ 3472.229 χ^2 /NDF: 3.0/1

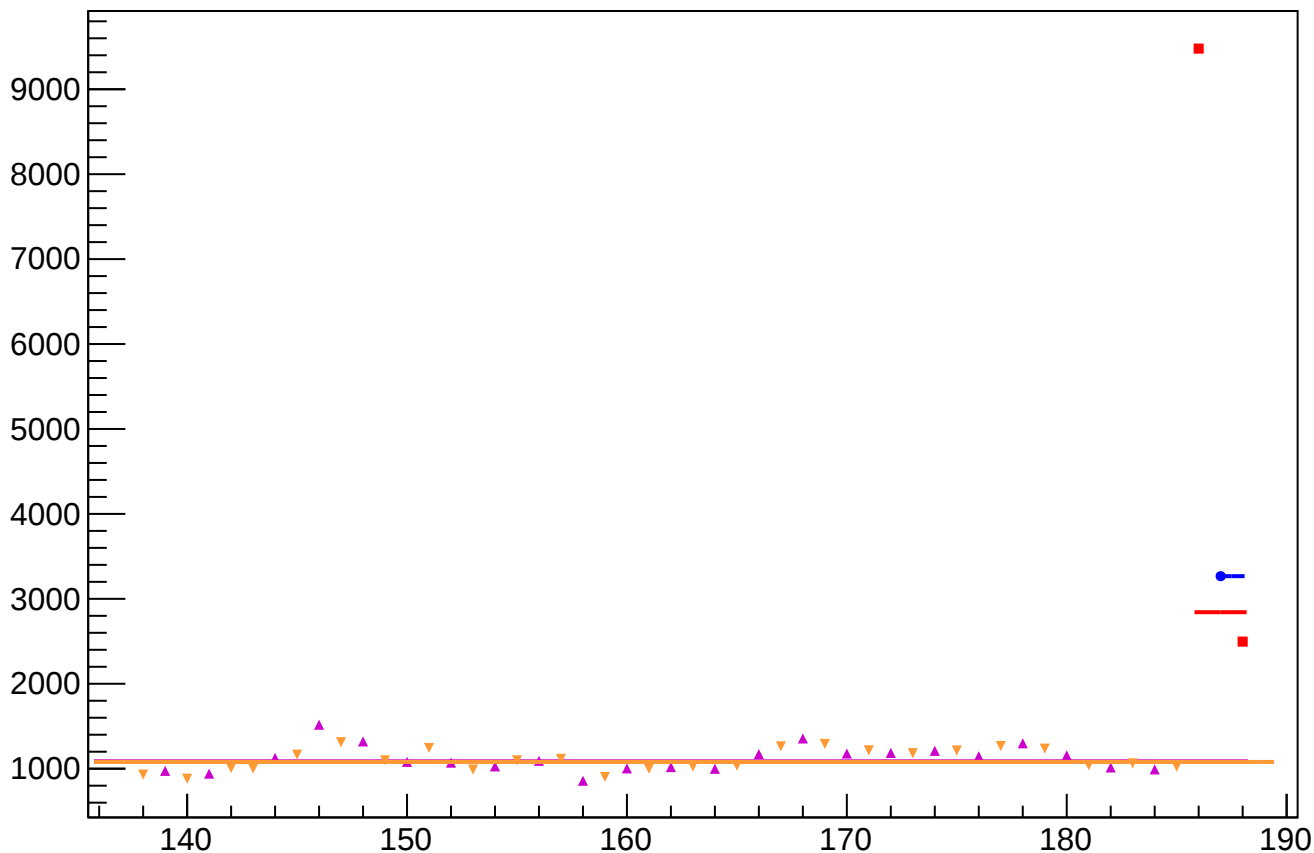
Left In: -211.788 $\pm$ 261.282 χ^2 /NDF:36.0/22

+ sign 421.727 $\pm$ 253.969 χ^2 /NDF: 30.8/25

All: 113.853 $\pm$ 181.864 χ^2 /NDF: 72.9/50

- sign -210.172 $\pm$ 260.545 χ^2 /NDF: 39.1/24

asym_sam6_correction_rms vs Slug



Right In: 3266.808 $\pm$ 5.953 χ^2 /NDF: 0.0/0

Left Out: 1079.699 $\pm$ 0.180 χ^2 /NDF: 498852.6/24

Right Out: 2842.673 $\pm$ 2.455 χ^2 /NDF: 381158.5/1

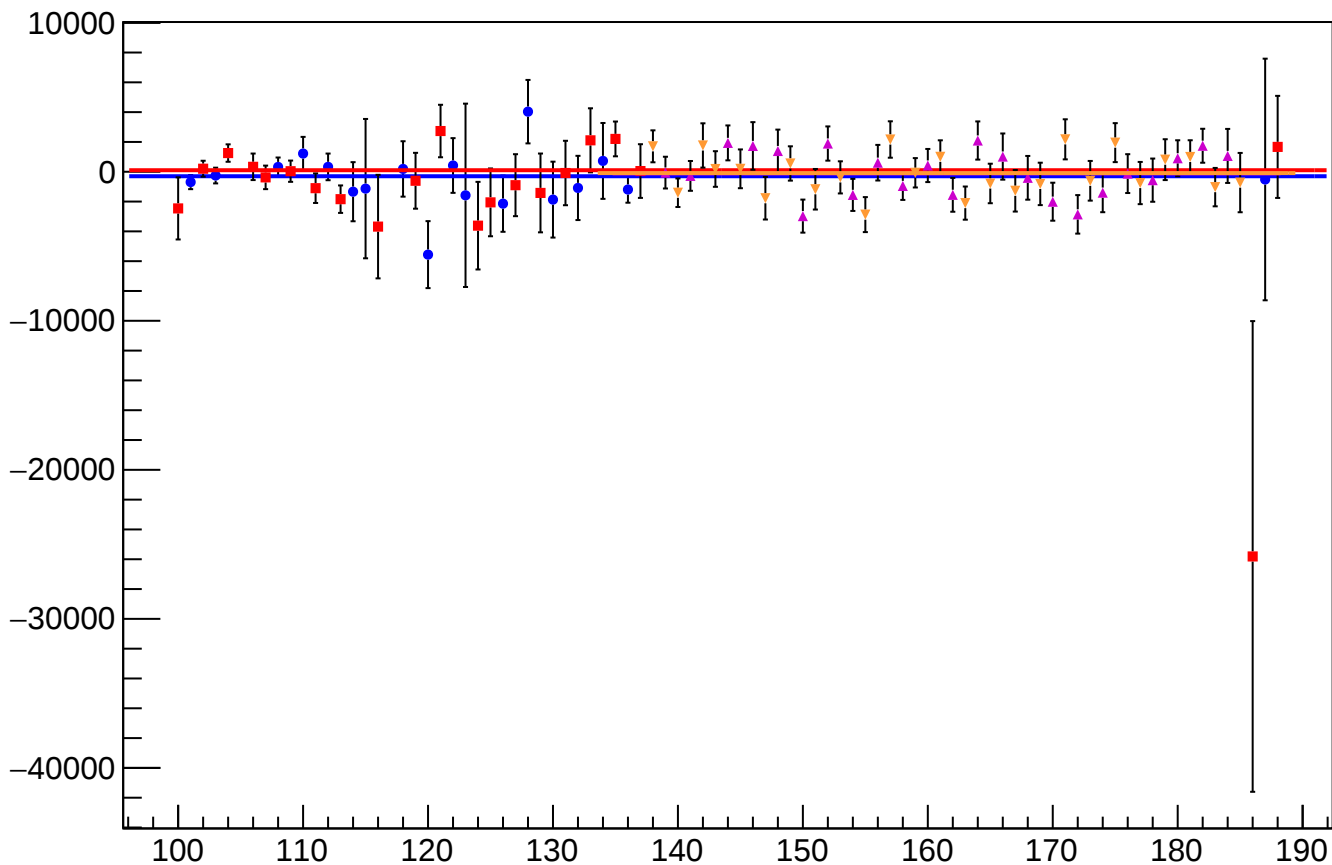
Left In: 1086.990 $\pm$ 0.185 χ^2 /NDF: 567926.2/22

+ sign 1081.690 $\pm$ 0.180 χ^2 /NDF: 633709.8/25

All: 1089.088 $\pm$ 0.129 χ^2 /NDF: 2094734.1/50

- sign 1096.875 $\pm$ 0.184 χ^2 /NDF: 1457540.6/24

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: 102.643 ± 245.319 χ^2/NDF : 25.4/20

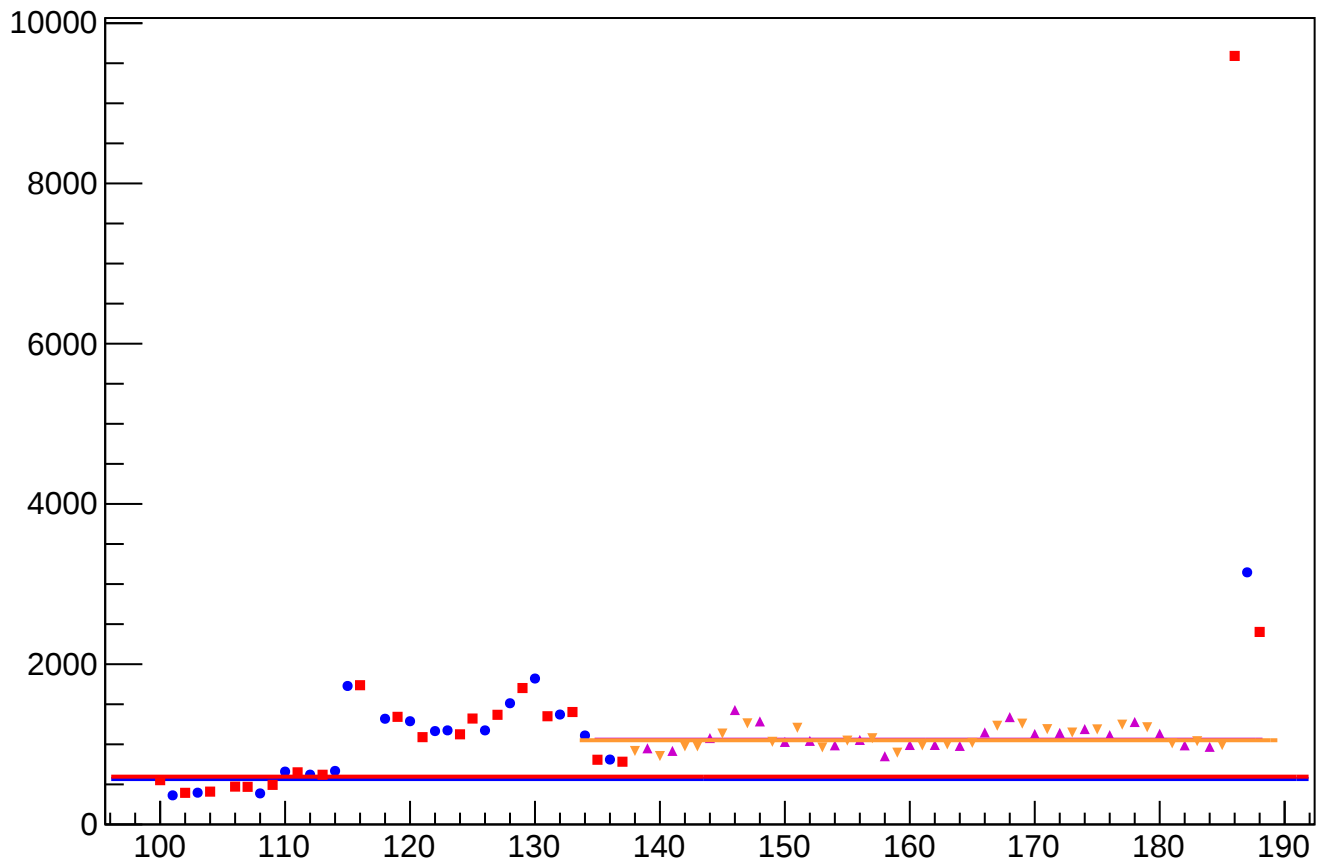
Left In: -110.879 ± 254.337 χ^2/NDF : 35.2/22

+ sign -194.291 ± 175.777 χ^2/NDF : 48.2/42

All: -97.714 ± 124.572 χ^2/NDF : 109.7/86

- sign -0.266 ± 176.569 χ^2/NDF : 61.0/43

asym_sam6_rms vs Slug



Right In: 566.458+/-0.177 χ^2/NDF : 3464253.3/17

Left Out: 1050.918+/-0.175 χ^2/NDF : 483477.5/24

Right Out: 596.569+/-0.173 χ^2/NDF : 4030331.1/20

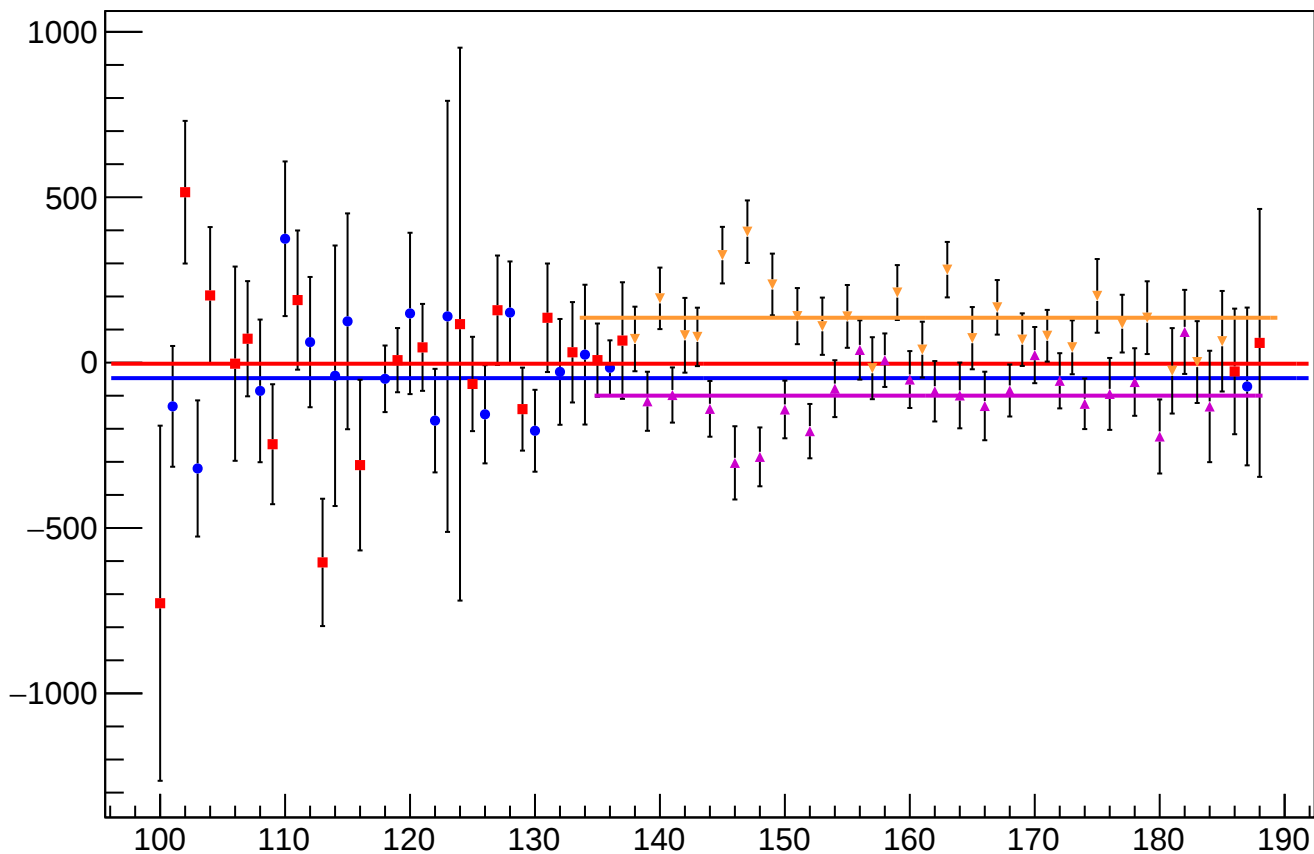
Left In: 1058.154+/-0.180 χ^2/NDF : 532260.0/22

+ sign 811.273+/-0.124 χ^2/NDF : 7745350.8/42

All: 815.136+/-0.088 χ^2/NDF : 15722420.7/80

- sign 819.033+/-0.125 χ^2/NDF : 7975129.5/43

dit_asym_sam7_mean vs Slug



Right In: -46.889 ± 38.620 χ^2/NDF : 11.4/17

Left Out: 135.693 ± 18.535 χ^2/NDF : 29.3/24

Right Out: -3.319 ± 36.985 χ^2/NDF : 26.1/20

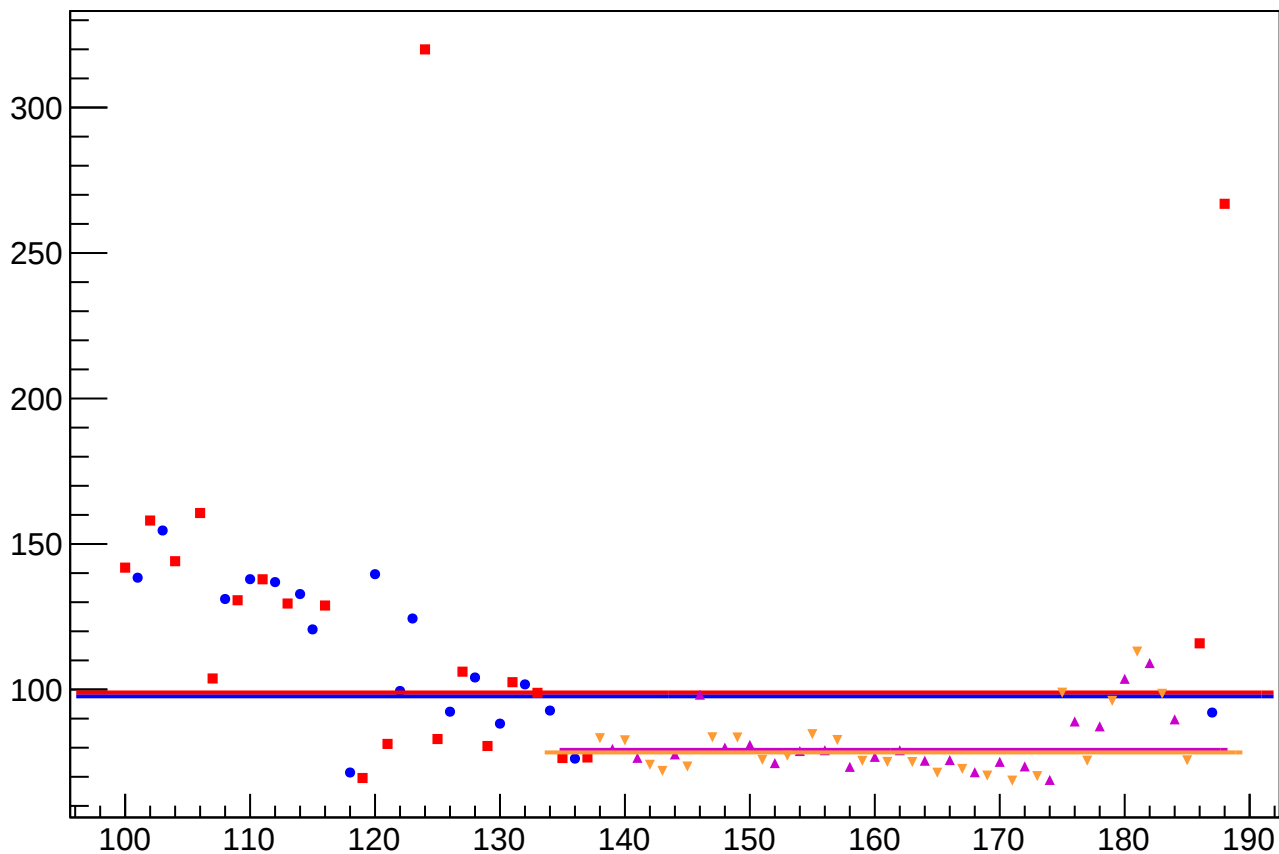
Left In: -99.843 ± 19.131 χ^2/NDF : 20.8/22

+ sign 101.513 ± 16.710 χ^2/NDF : 58.8/42

All: 12.540 ± 11.914 χ^2/NDF : 168.7/86

- sign -79.468 ± 16.993 χ^2/NDF : 52.2/43

dit_asym_sam7_rms vs Slug



Right In: 97.657+/-0.027 χ^2/NDF : 818087.9/17

Left Out: 78.378+/-0.013 χ^2/NDF : 475195.2/24

Right Out: 98.982+/-0.026 χ^2/NDF : 1461525.7/20

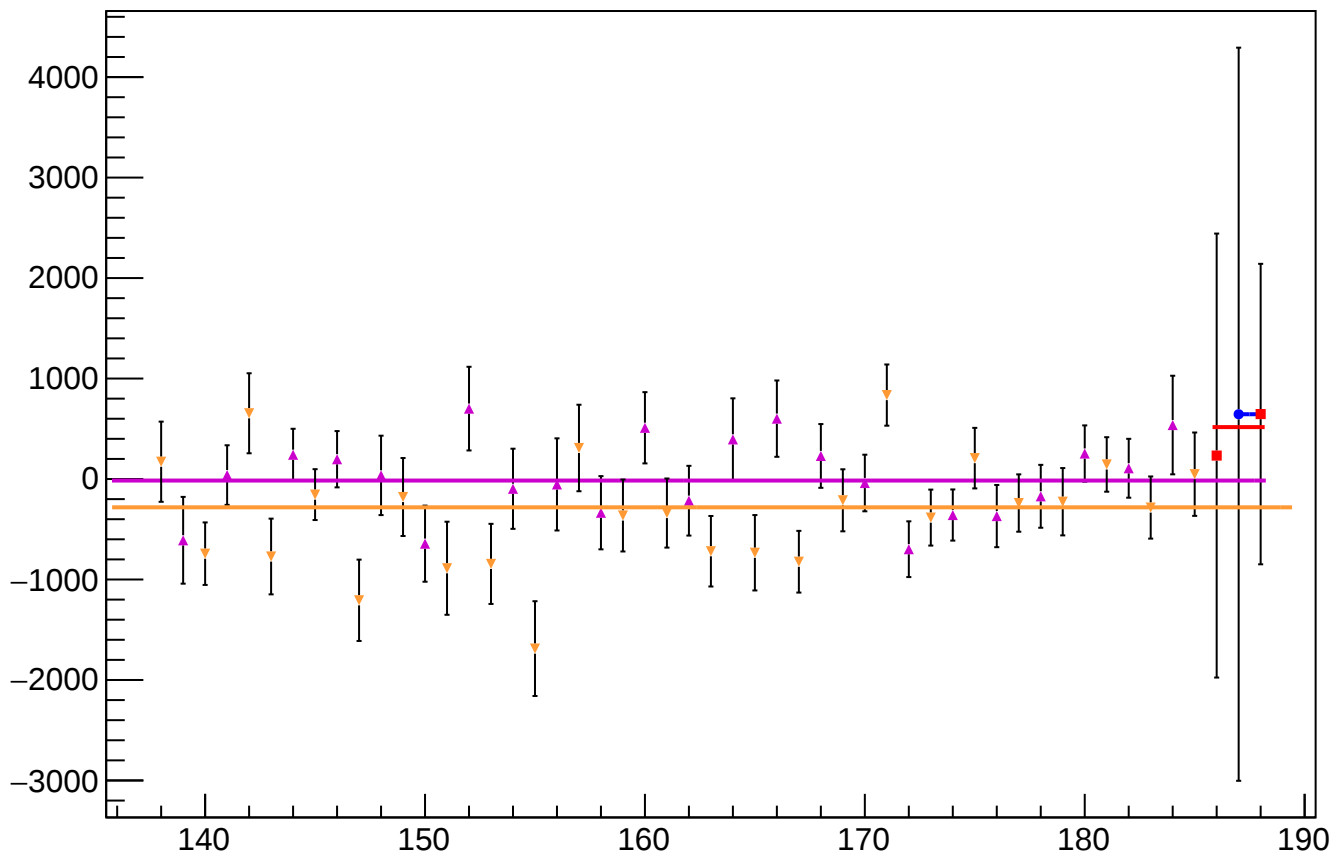
Left In: 79.257+/-0.014 χ^2/NDF : 396950.5/22

+ sign 81.987+/-0.012 χ^2/NDF : 1698360.6/42

All: 82.692+/-0.008 χ^2/NDF : 4012863.8/86

- sign 83.421+/-0.012 χ^2/NDF : 2307266.0/43

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: 516.744+/-1238.295 χ^2/NDF : 0.0/1

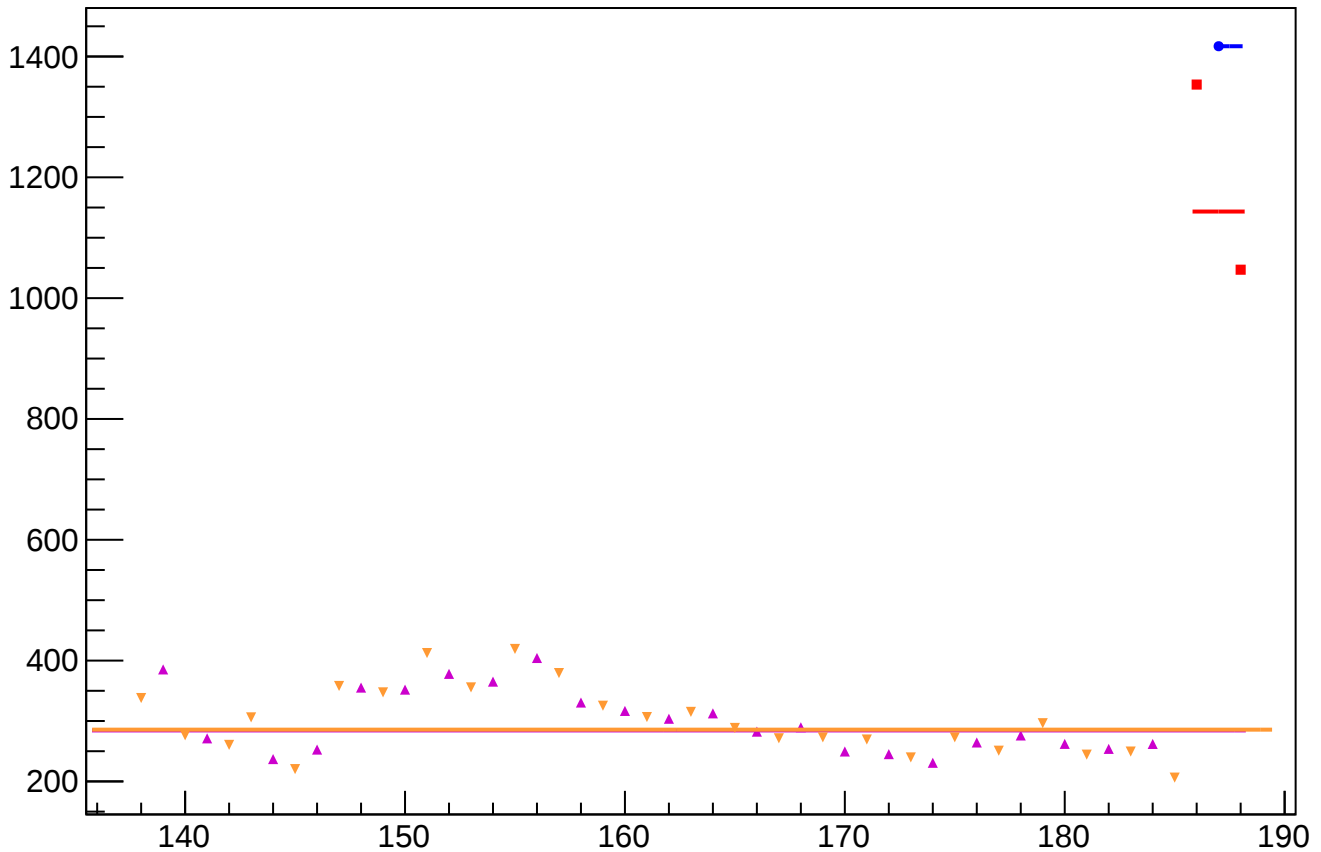
Left In: -15.153+/-68.755 χ^2/NDF : 28.6/22

+ sign -281.353+/-67.797 χ^2/NDF : 56.4/25

All: -149.108+/-48.238 χ^2/NDF : 92.9/50

- sign -13.518+/-68.649 χ^2/NDF : 28.8/24

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: 1143.351 $\pm$ 0.876 χ^2 /NDF: 26395.5/1

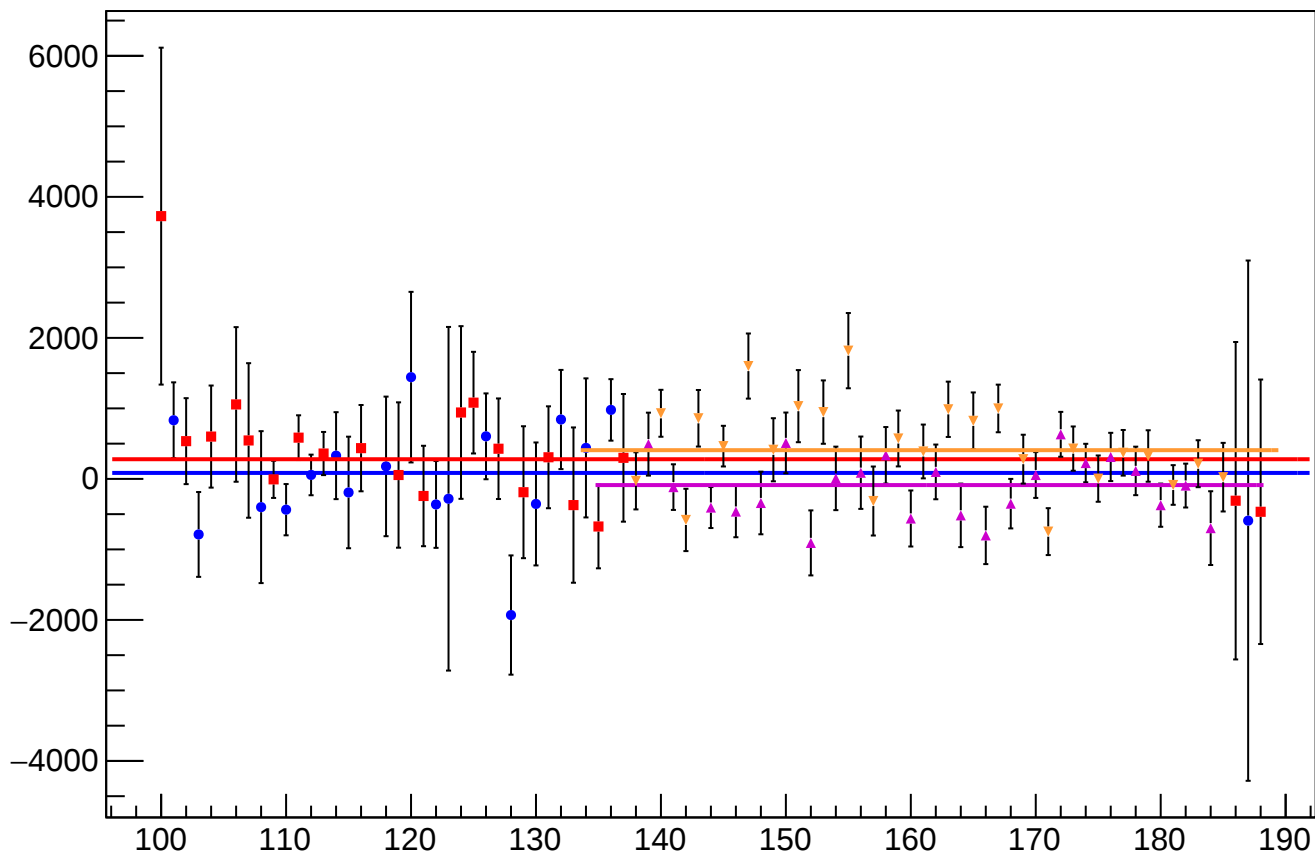
Left In: 284.386 $\pm$ 0.049 χ^2 /NDF:926965.8/22

+ sign 286.079 $\pm$ 0.048 χ^2 /NDF: 1253343.9/25

All: 286.546 $\pm$ 0.034 χ^2 /NDF: 3166289.8/50

- sign 287.026 $\pm$ 0.049 χ^2 /NDF: 1912753.4/24

asym_sam7_mean vs Slug



Right In: 84.798+/-142.494 χ^2/NDF : 20.6/17

Left Out: 407.375+/-74.730 χ^2/NDF : 53.0/24

Right Out: 278.948+/-129.078 χ^2/NDF : 10.8/20

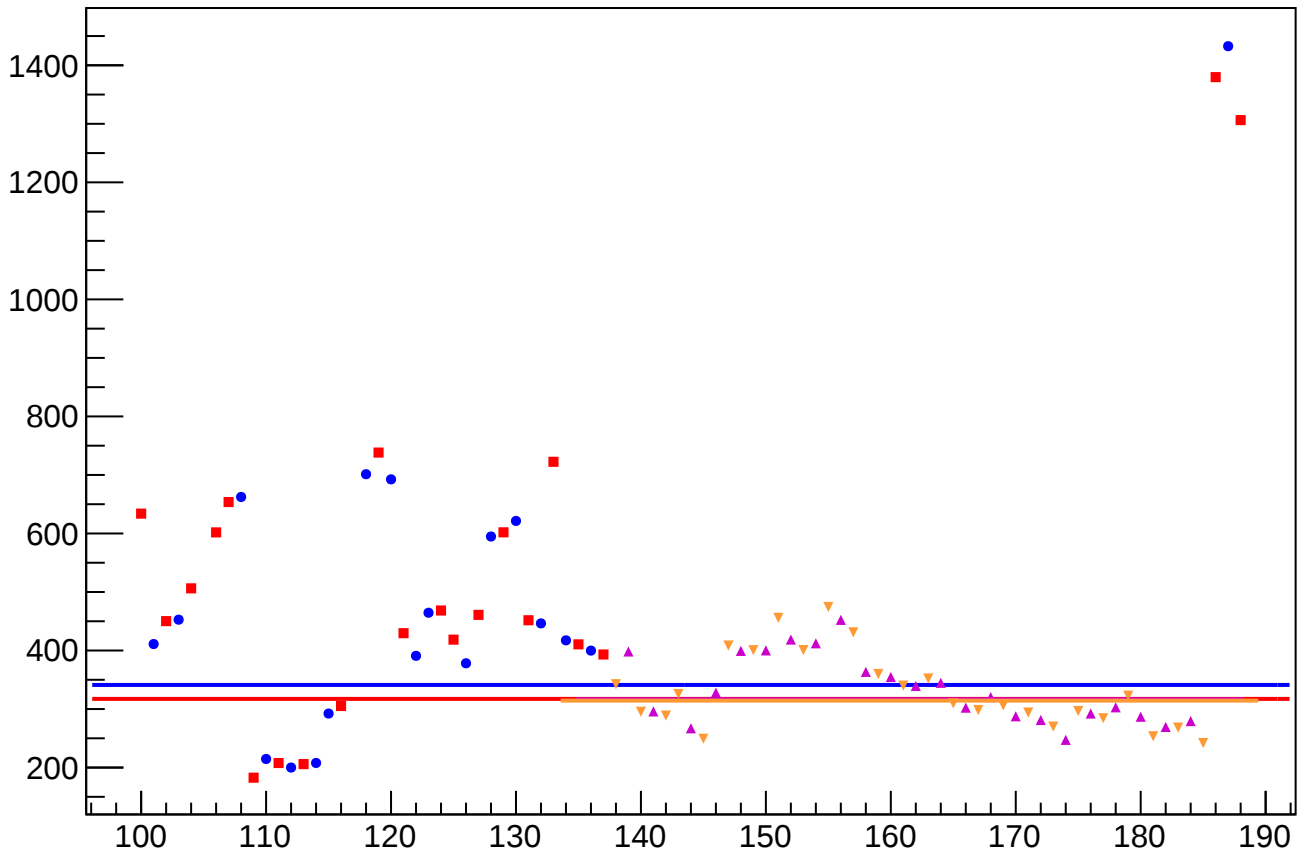
Left In: -87.657+/-76.572 χ^2/NDF : 27.4/22

+ sign 337.791+/-66.181 χ^2/NDF : 77.6/42

All: 171.968+/-46.682 χ^2/NDF : 134.4/86

- sign 7.772+/-65.856 χ^2/NDF : 44.2/43

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

+ sign 320.181+/-0.047 χ^2/NDF : 3385179.9/42

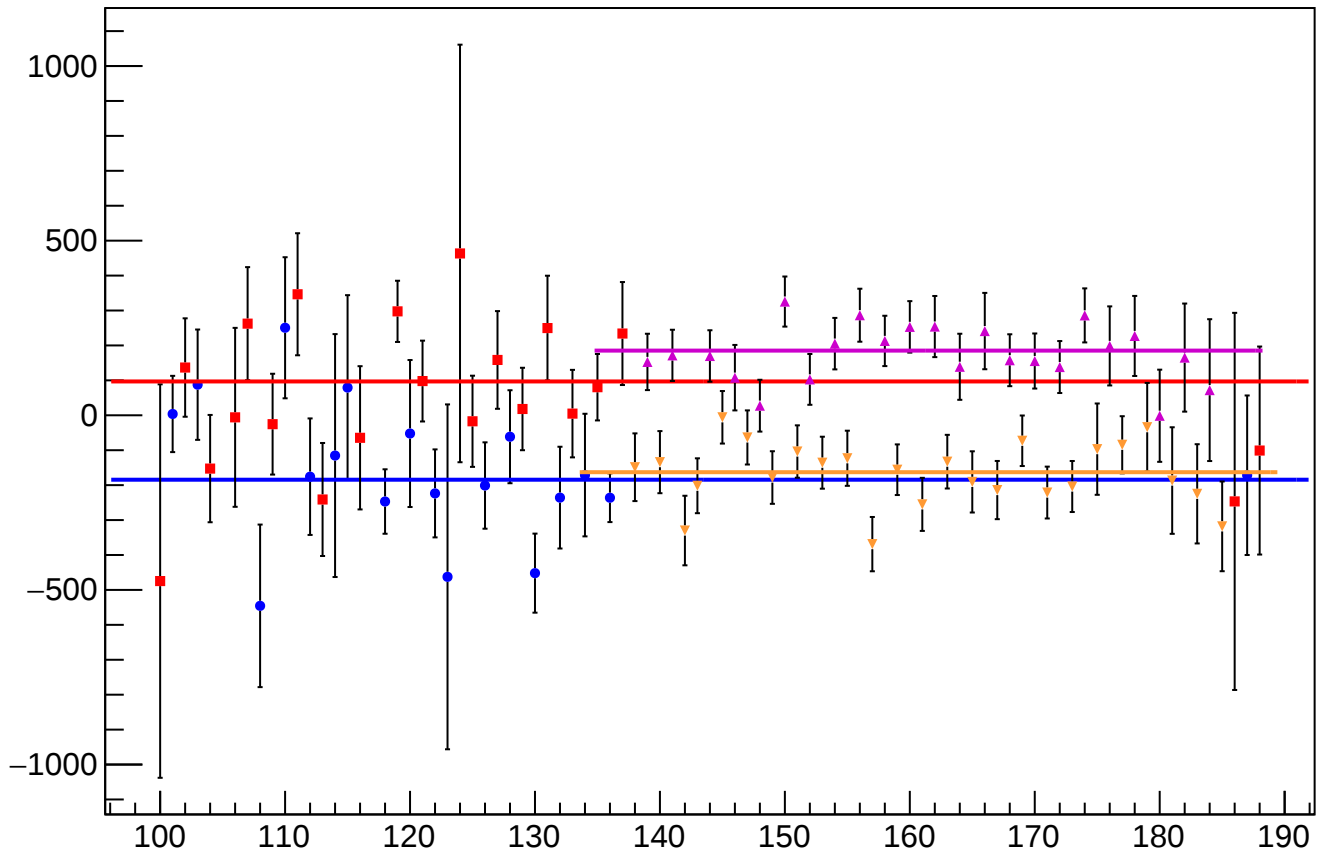
Right Out: 317.348+/-0.091 χ^2/NDF : 3739959.8/20

All: 318.486+/-0.033 χ^2/NDF : 8057451.7/86

- sign 316.807+/-0.047 χ^2/NDF : 4669659.4/43

Left In: 316.616+/-0.054 χ^2/NDF : 929652.0/22

dit_asym_sam8_mean vs Slug



Right In: -184.468 ± 32.670 $\chi^2/\text{NDF}: 22.4/17$

Left Out: -162.932 ± 16.926 $\chi^2/\text{NDF}: 25.7/24$

Right Out: 96.887 ± 32.262 $\chi^2/\text{NDF}: 23.0/20$

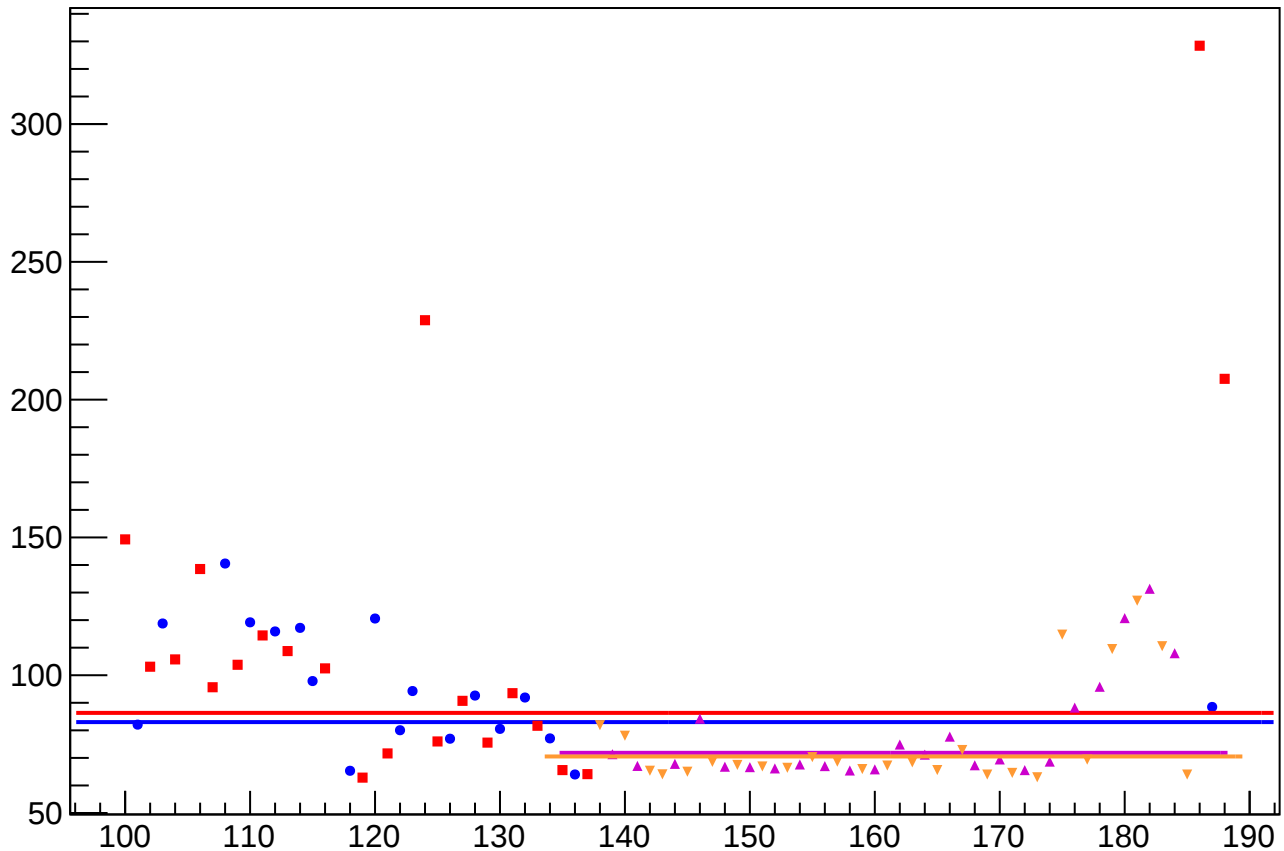
Left In: 185.213 ± 17.594 $\chi^2/\text{NDF}: 19.4/22$

+ sign -167.489 ± 15.029 $\chi^2/\text{NDF}: 48.5/42$

All: -5.813 ± 10.771 $\chi^2/\text{NDF}: 334.7/86$

- sign 164.967 ± 15.446 $\chi^2/\text{NDF}: 48.2/43$

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: 86.336 $\pm$ 0.023 χ^2 /NDF: 1509112.6/20

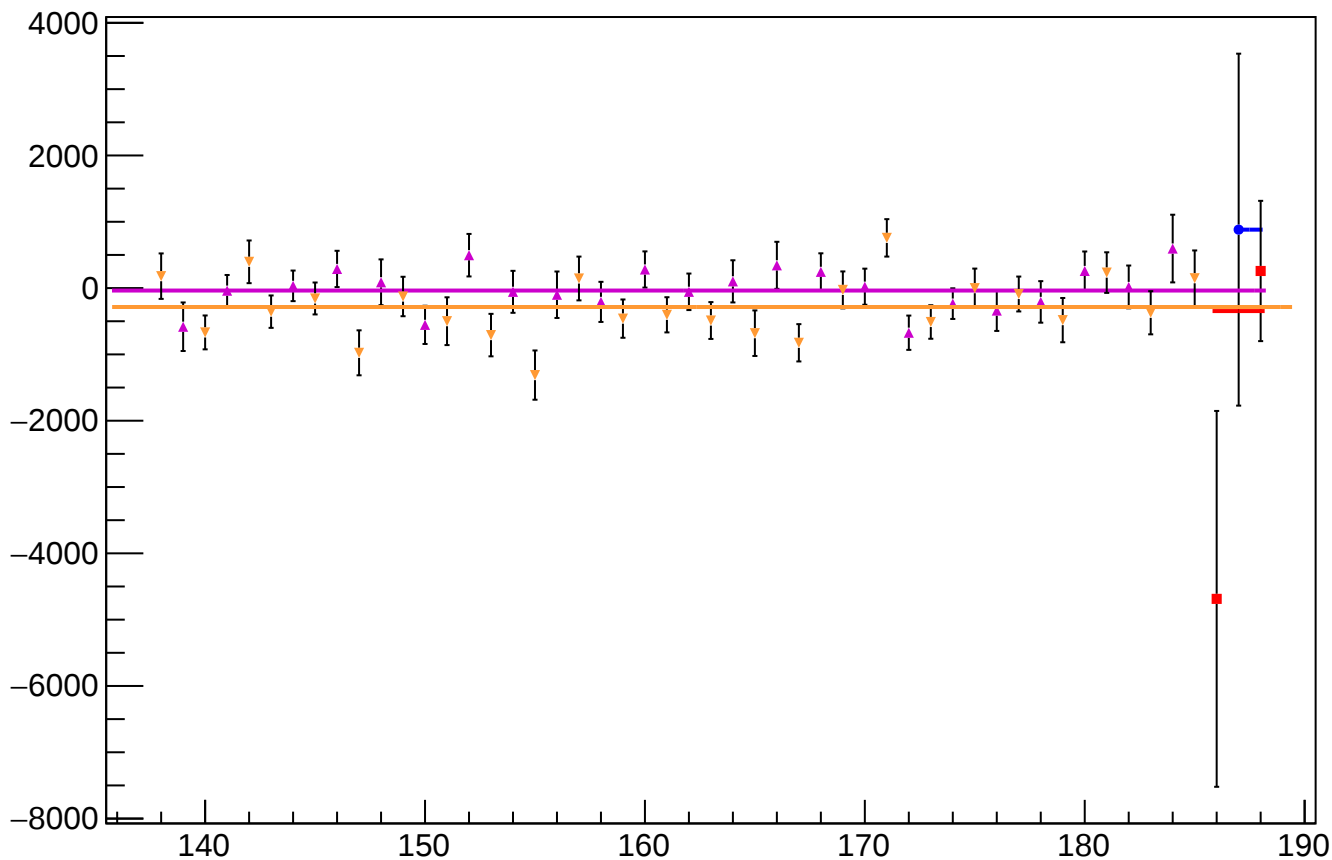
Left In: 71.843 $\pm$ 0.012 χ^2 /NDF: 923326.2/22

+ sign 73.161 $\pm$ 0.011 χ^2 /NDF: 1954106.7/42

All: 74.136 $\pm$ 0.008 χ^2 /NDF: 4714920.1/86

- sign 75.165 $\pm$ 0.011 χ^2 /NDF: 2743511.6/43

asym_sam8_correction_mean vs Slug



Right In: 881.304 $\pm$ 2653.777 χ^2 /NDF: 0.0/0

Left Out: -285.231 $\pm$ 59.396 χ^2 /NDF: 52.1/24

Right Out: -346.573 $\pm$ 990.959 χ^2 /NDF: 2.7/1

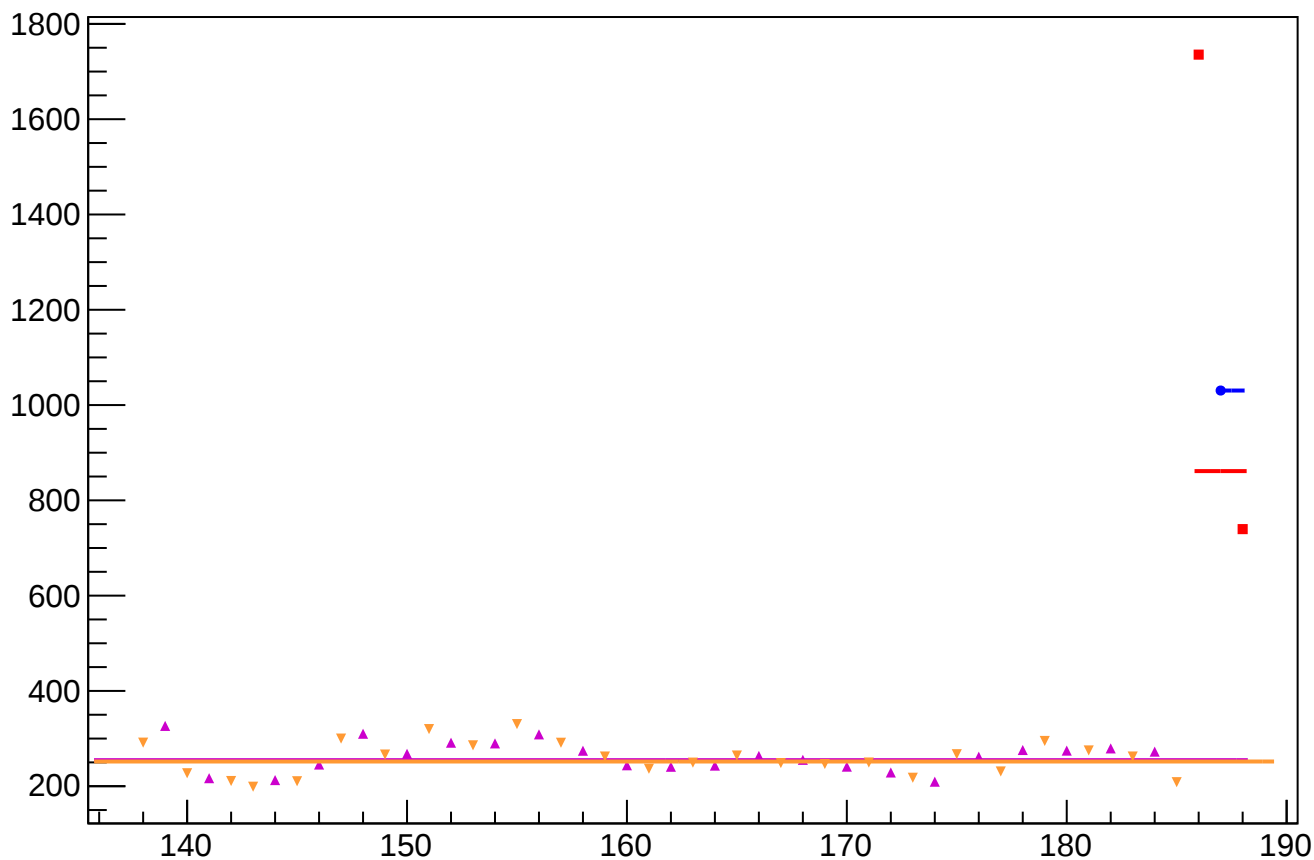
Left In: -36.923 $\pm$ 61.202 χ^2 /NDF: 24.6/22

+ sign -284.647 $\pm$ 59.381 χ^2 /NDF: 52.3/25

All: -164.862 $\pm$ 42.578 χ^2 /NDF: 88.0/50

- sign -38.099 $\pm$ 61.086 χ^2 /NDF: 27.4/24

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: 861.394 $\pm$ 0.701 χ^2 /NDF: 216793.8/1

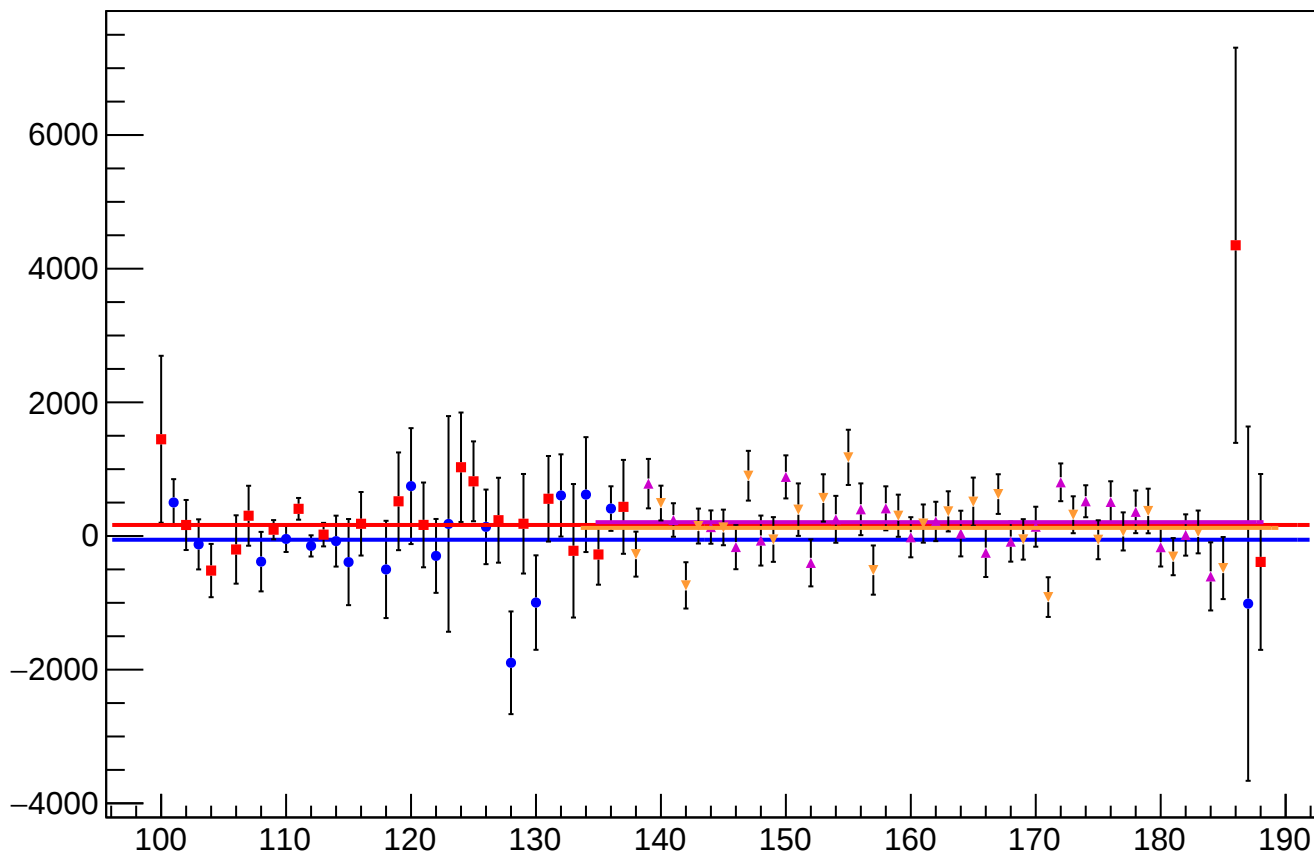
Left In: 254.694 $\pm$ 0.043 χ^2 /NDF: 506776.4/22

+ sign 252.252 $\pm$ 0.042 χ^2 /NDF: 795391.2/25

All: 254.559 $\pm$ 0.030 χ^2 /NDF: 2271987.7/50

- sign 256.999 $\pm$ 0.043 χ^2 /NDF: 1470386.5/24

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: 165.082 ± 76.746 χ^2/NDF : 14.1/20

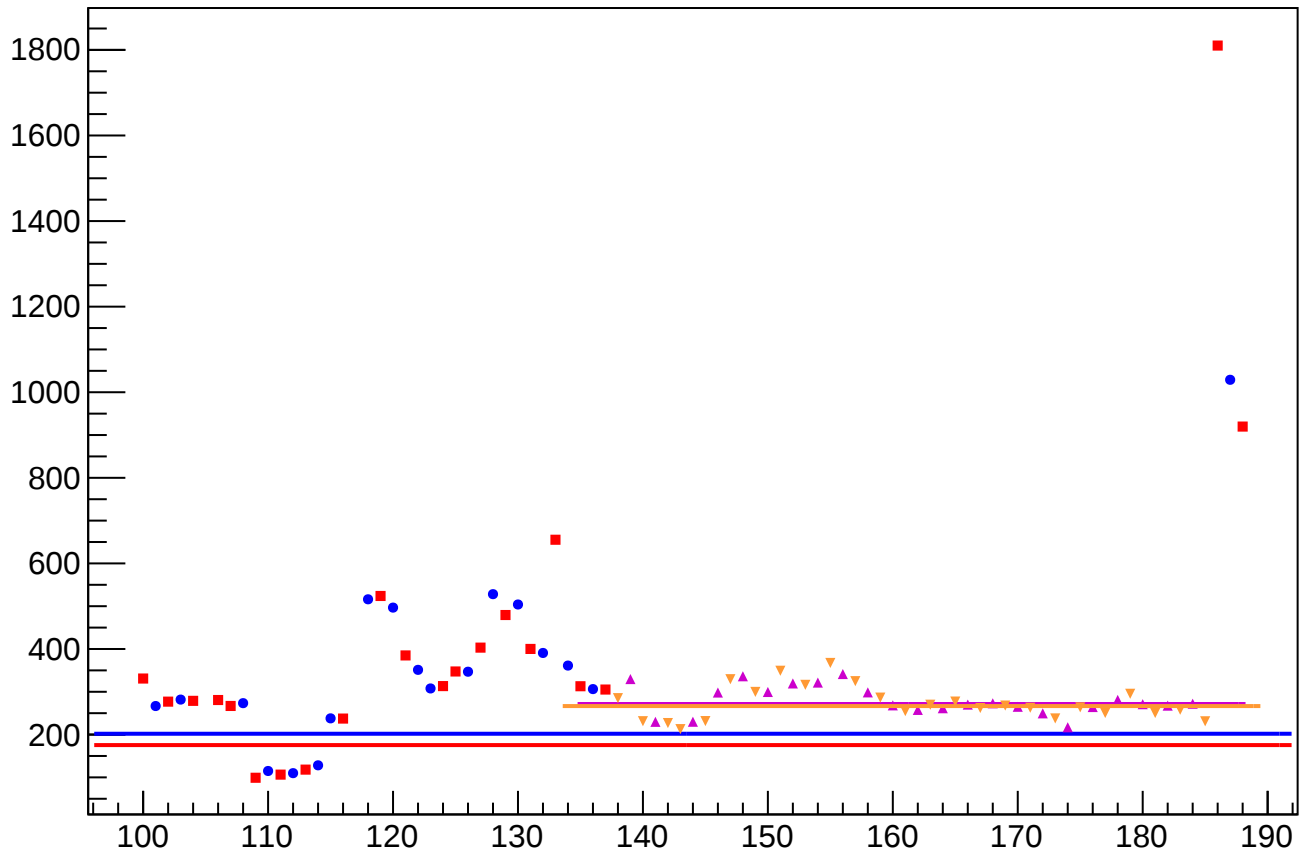
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 63.274 ± 51.619 χ^2/NDF : 68.3/42

All: 128.734 ± 35.806 χ^2/NDF : 113.4/86

- sign 189.441 ± 49.710 χ^2/NDF : 42.0/43

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: 175.443 $\pm$ 0.054 χ^2 /NDF: 5348490.7/20

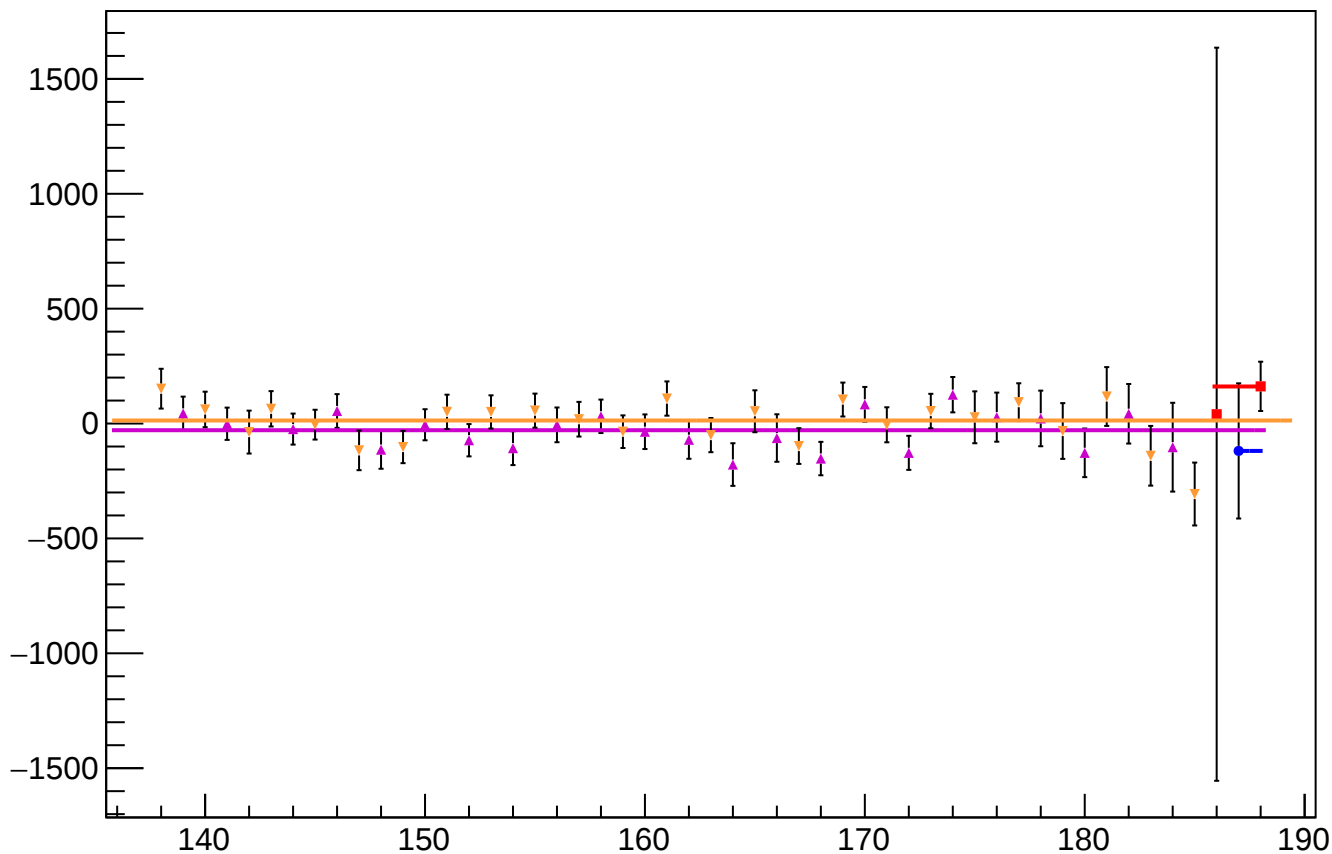
Left In: 271.451 $\pm$ 0.046 χ^2 /NDF: 530897.8/22

+ sign 245.481 $\pm$ 0.037 χ^2 /NDF: 4961266.0/42

All: 238.057 $\pm$ 0.025 χ^2 /NDF: 12737199.0/80

- sign 231.172 $\pm$ 0.035 χ^2 /NDF: 7696189.8/43

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: 161.274 ± 107.048 χ^2/NDF : 0.0/1

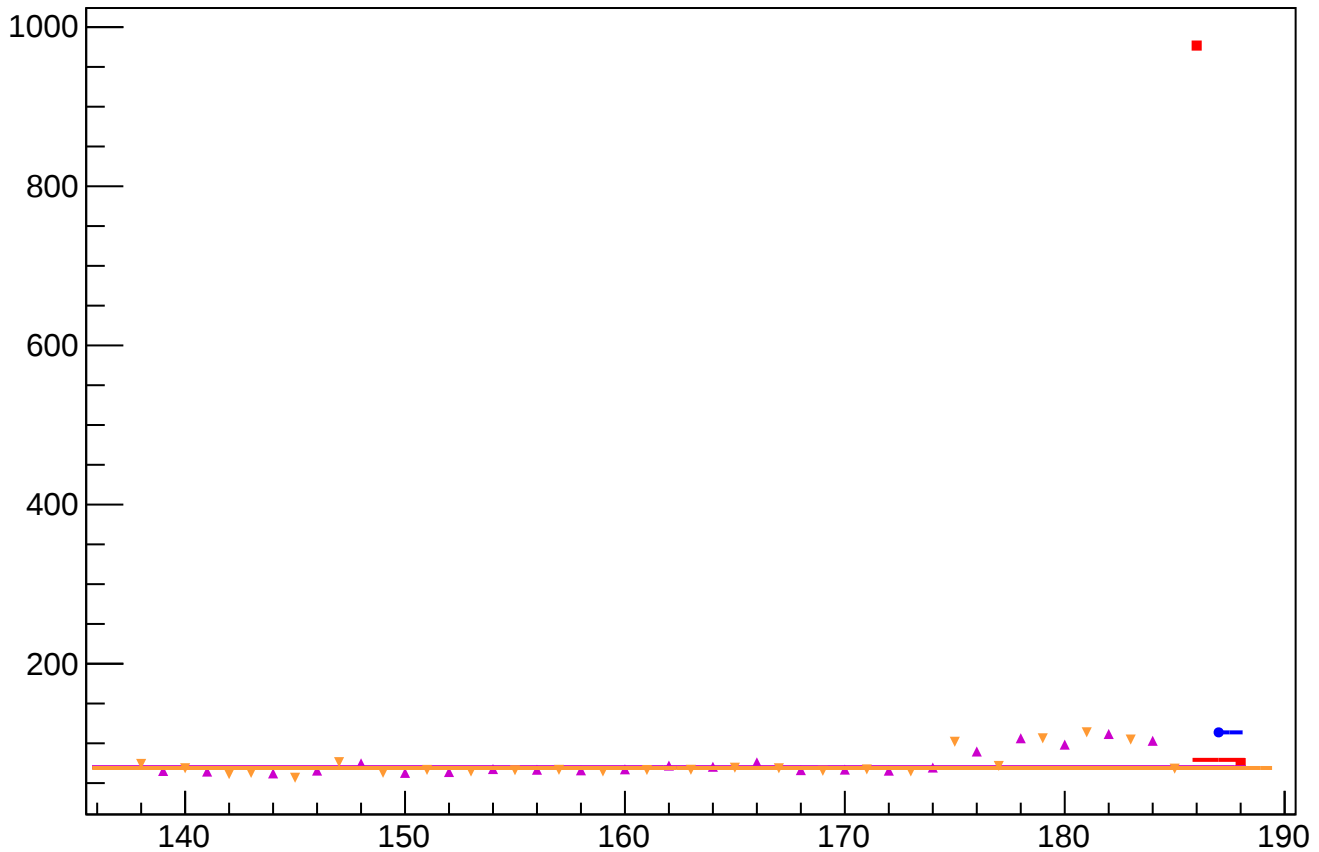
Left In: -29.073 ± 16.940 χ^2/NDF : 21.5/22

+ sign 12.886 ± 16.338 χ^2/NDF : 25.4/25

All: -5.325 ± 11.690 χ^2/NDF : 52.6/50

- sign -24.423 ± 16.731 χ^2/NDF : 24.6/24

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: 79.209 $\pm$ 0.076 χ^2 /NDF: 635947.1/1

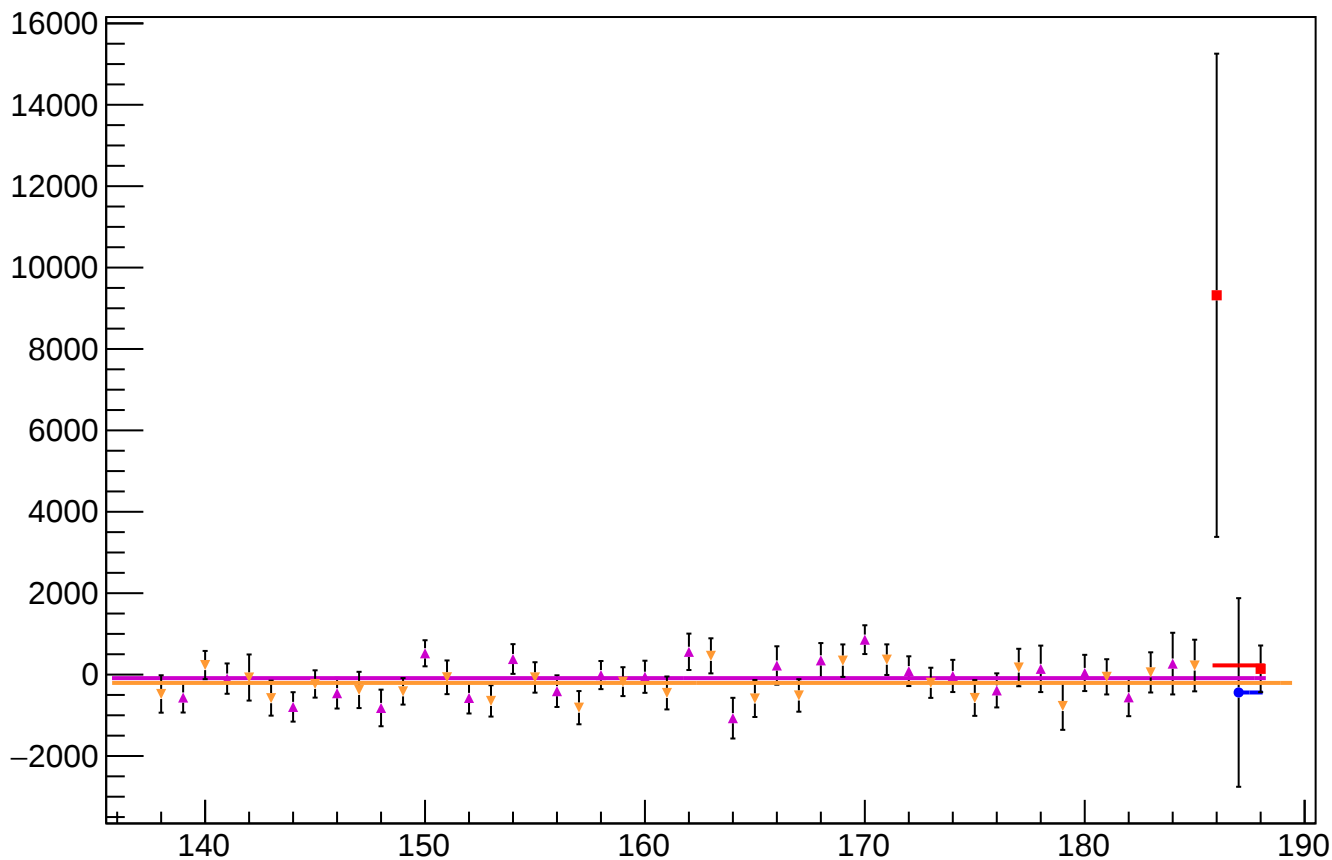
Left In: 70.058 $\pm$ 0.012 χ^2 /NDF: 793545.7/22

+ sign 69.129 $\pm$ 0.012 χ^2 /NDF: 977146.6/25

All: 69.691 $\pm$ 0.008 χ^2 /NDF: 2425758.7/50

- sign 70.282 $\pm$ 0.012 χ^2 /NDF: 1443750.1/24

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: 226.174+/-570.861 χ^2/NDF : 2.4/1

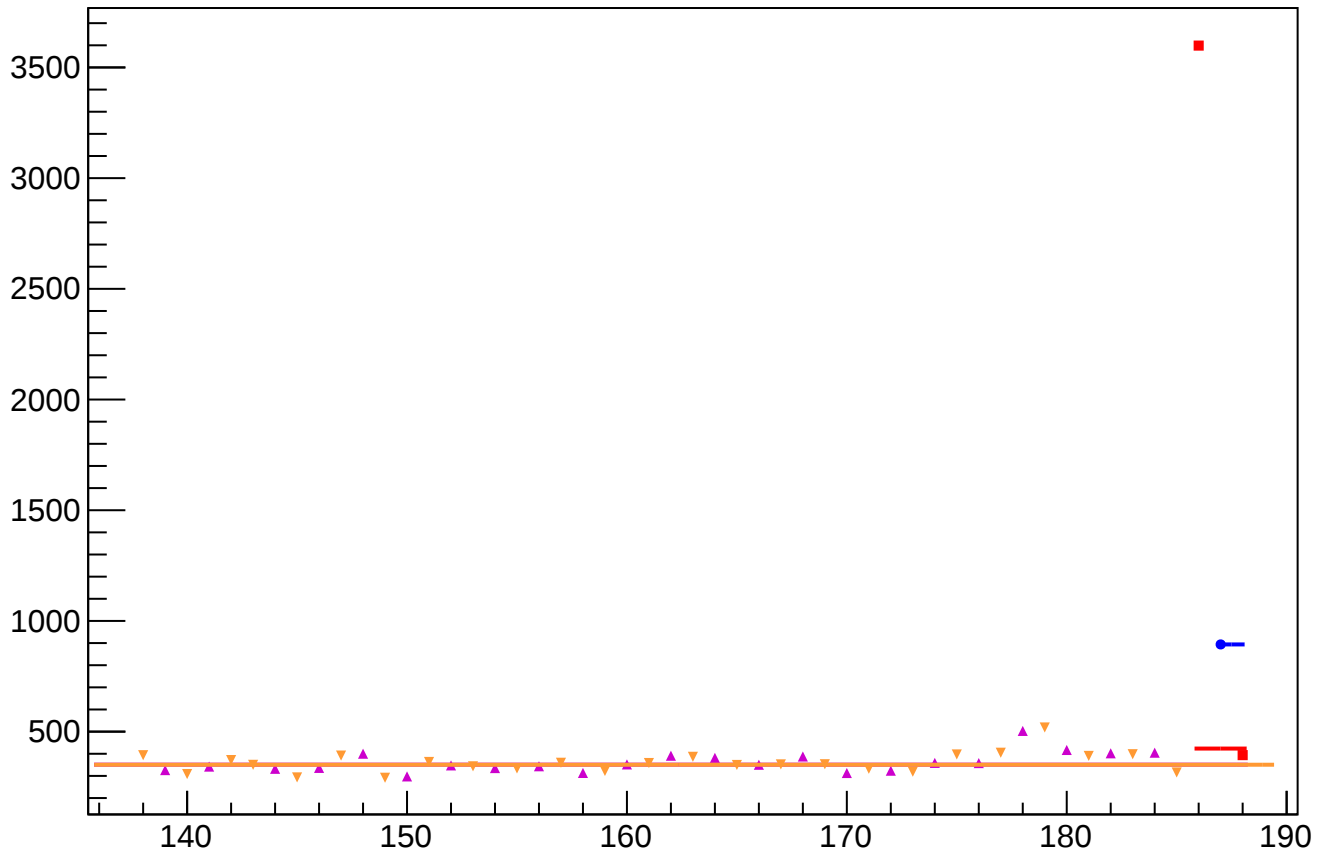
Left In: -86.922+/-84.266 χ^2/NDF : 33.6/22

+ sign -204.744+/-82.534 χ^2/NDF : 18.5/25

All: -143.117+/-58.651 χ^2/NDF : 55.9/50

- sign -80.245+/-83.363 χ^2/NDF : 36.3/24

asym_sam_15_avg_correction_rms vs Slug



Right In: 893.848+/-1.639 χ^2/NDF : 0.0/0

Left Out: 350.500+/-0.058 χ^2/NDF : 500665.4/24

Right Out: 423.515+/-0.404 χ^2/NDF : 577538.3/1

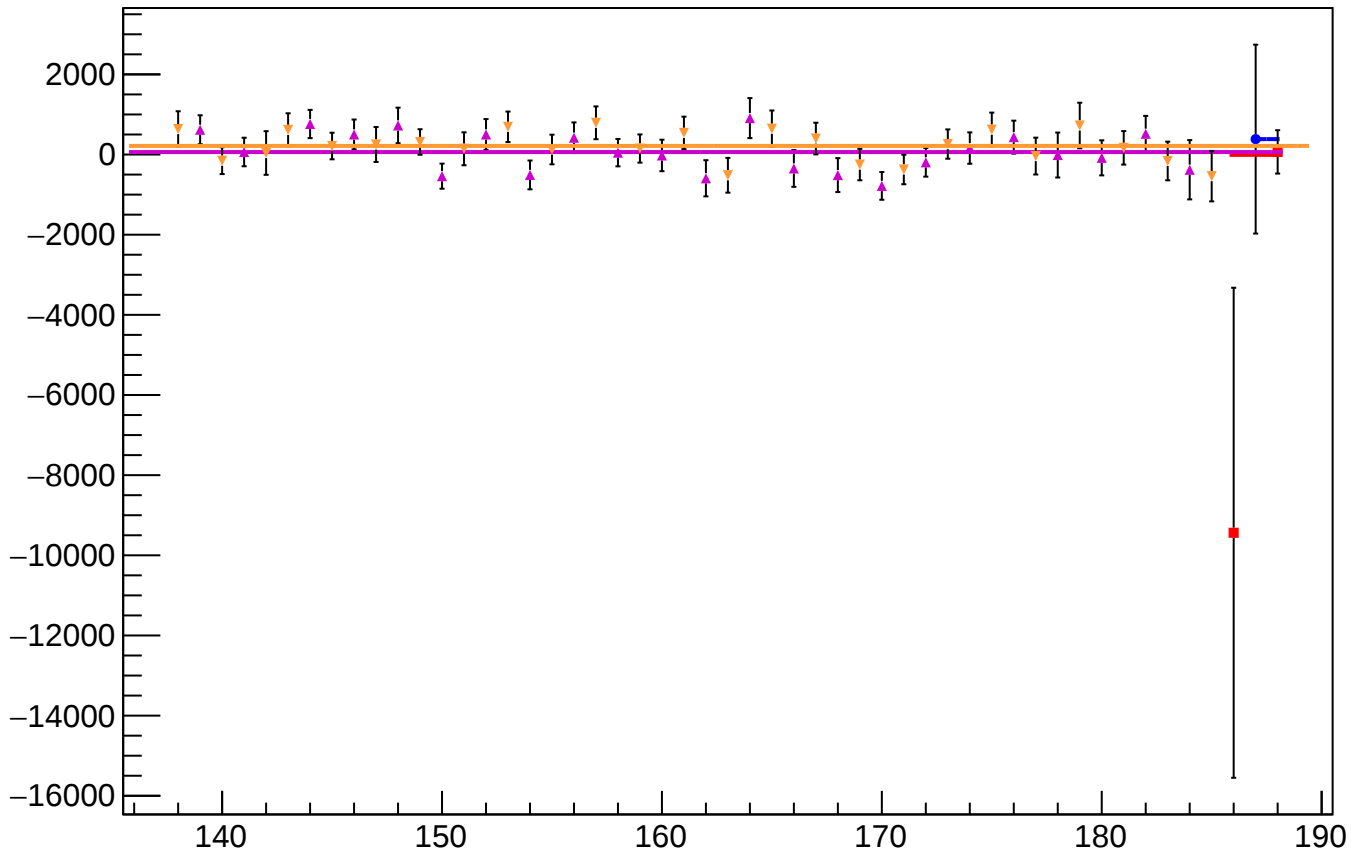
Left In: 350.780+/-0.060 χ^2/NDF : 421229.4/22

+ sign 351.189+/-0.058 χ^2/NDF : 610486.6/25

All: 351.755+/-0.041 χ^2/NDF : 1641218.9/50

- sign 352.331+/-0.059 χ^2/NDF : 1030542.8/24

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: -7.846 ± 538.709 χ^2/NDF : 2.4/1

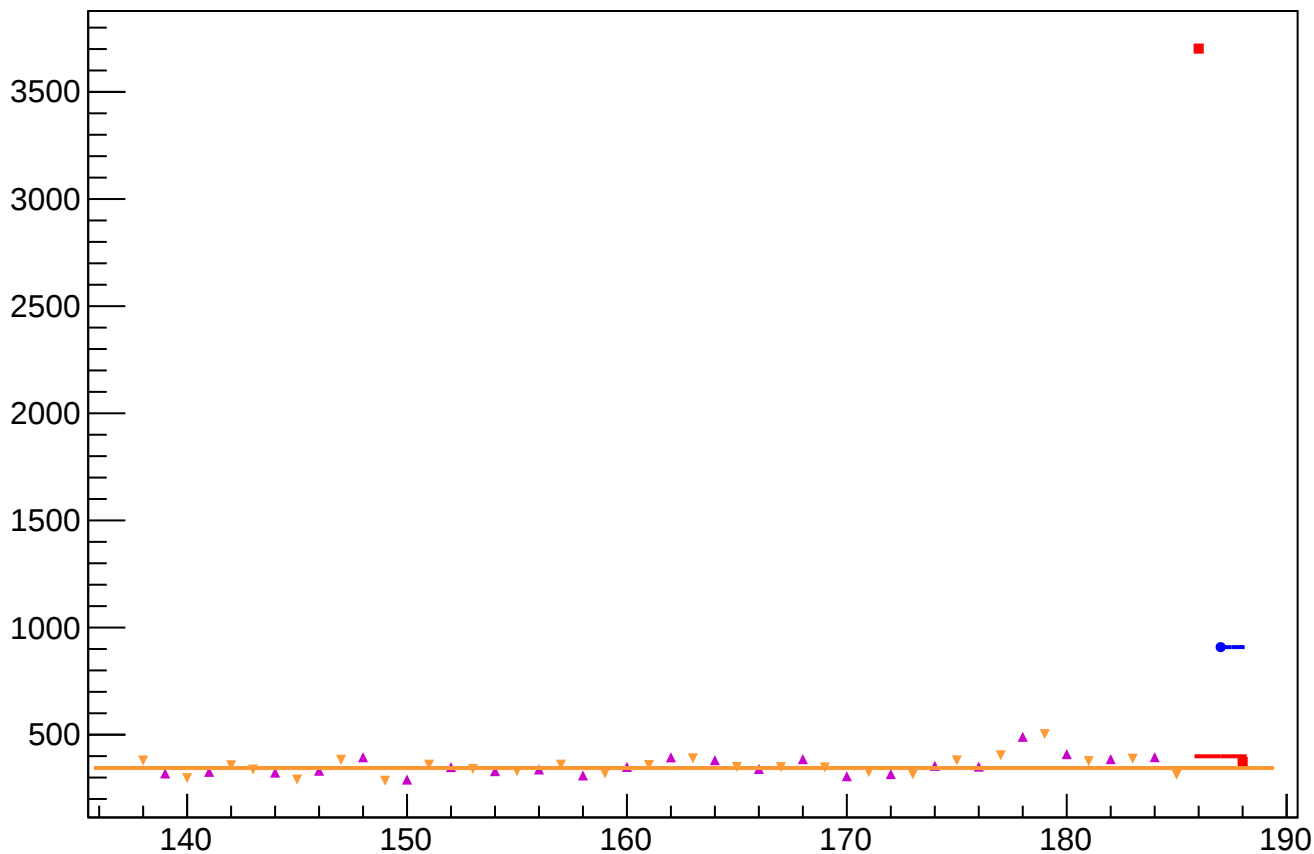
Left In: 61.730 ± 82.841 χ^2/NDF : 34.9/22

+ sign 215.415 ± 81.187 χ^2/NDF : 19.6/25

All: 138.428 ± 57.651 χ^2/NDF : 58.7/50

- sign 60.123 ± 81.879 χ^2/NDF : 37.3/24

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: 399.187 $\pm$ 0.381 χ^2 /NDF: 588327.0/1

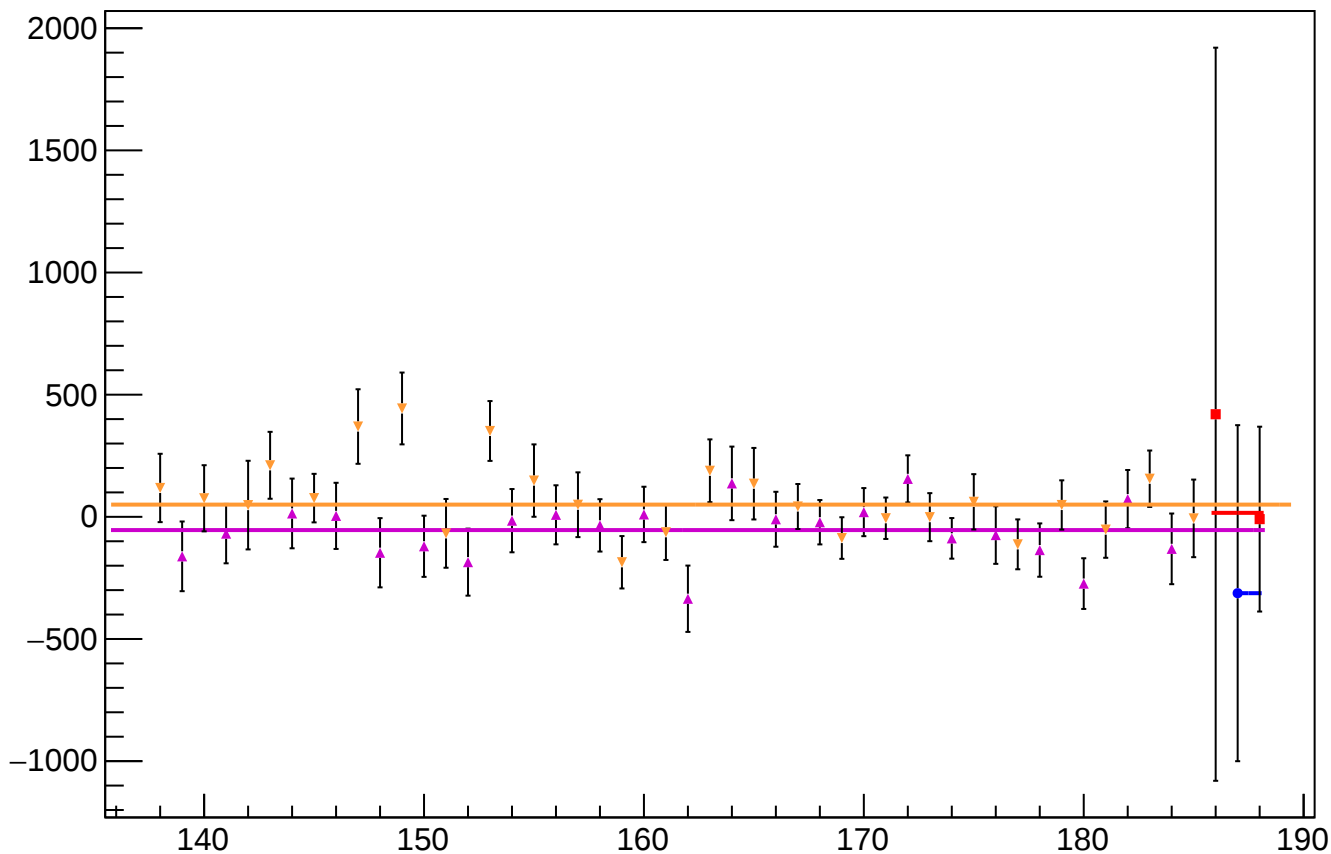
Left In: 344.475 $\pm$ 0.059 χ^2 /NDF: 433401.7/22

+ sign 345.109 $\pm$ 0.057 χ^2 /NDF: 602937.5/25

All: 345.421 $\pm$ 0.041 χ^2 /NDF: 1644878.5/50

- sign 345.739 $\pm$ 0.058 χ^2 /NDF: 1041881.4/24

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: 16.307 ± 366.834 χ^2/NDF : 0.1/1

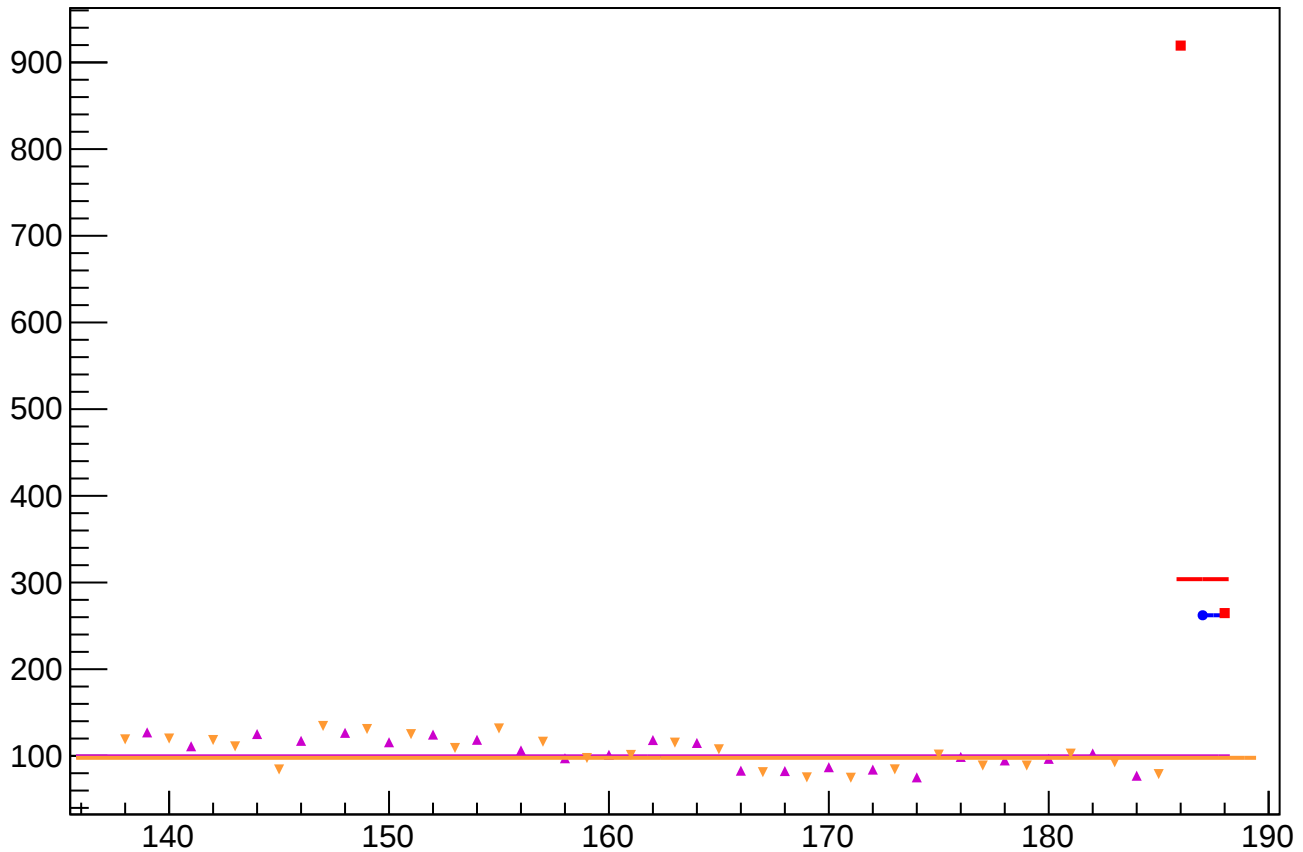
Left In: -54.211 ± 24.242 χ^2/NDF : 21.4/22

+ sign 49.626 ± 23.350 χ^2/NDF : 35.7/25

All: -0.313 ± 16.800 χ^2/NDF : 66.7/50

- sign -53.904 ± 24.189 χ^2/NDF : 21.5/24

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: 303.861 $\pm$ 0.259 χ^2 /NDF: 358009.6/1

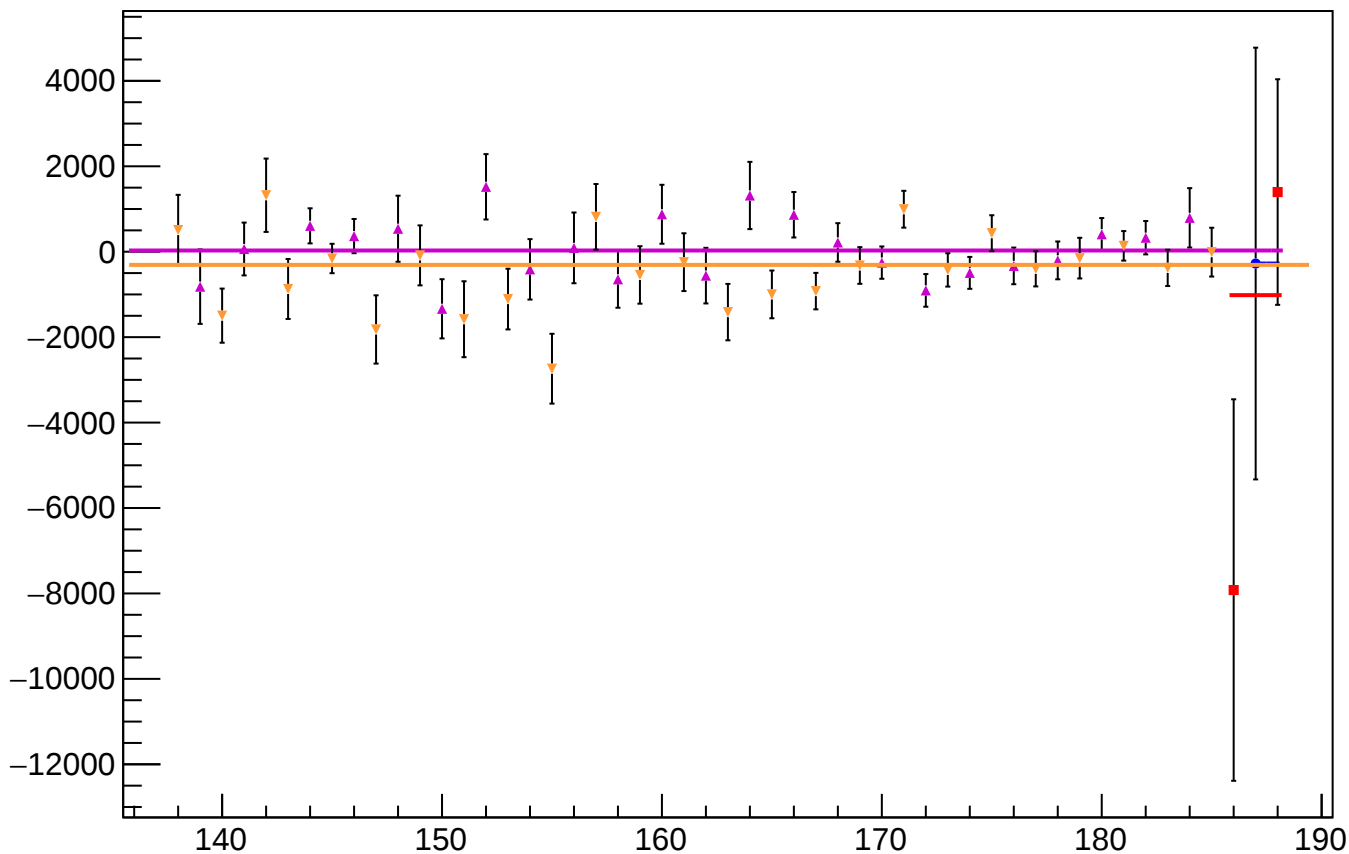
Left In: 99.502 $\pm$ 0.017 χ^2 /NDF:898572.4/22

+ sign 97.966 $\pm$ 0.017 χ^2 /NDF: 1254981.3/25

All: 99.136 $\pm$ 0.012 χ^2 /NDF: 3139959.7/50

- sign 100.391 $\pm$ 0.017 χ^2 /NDF: 1874576.1/24

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: -1016.688 ± 2272.891 χ^2/NDF : 3.2/1

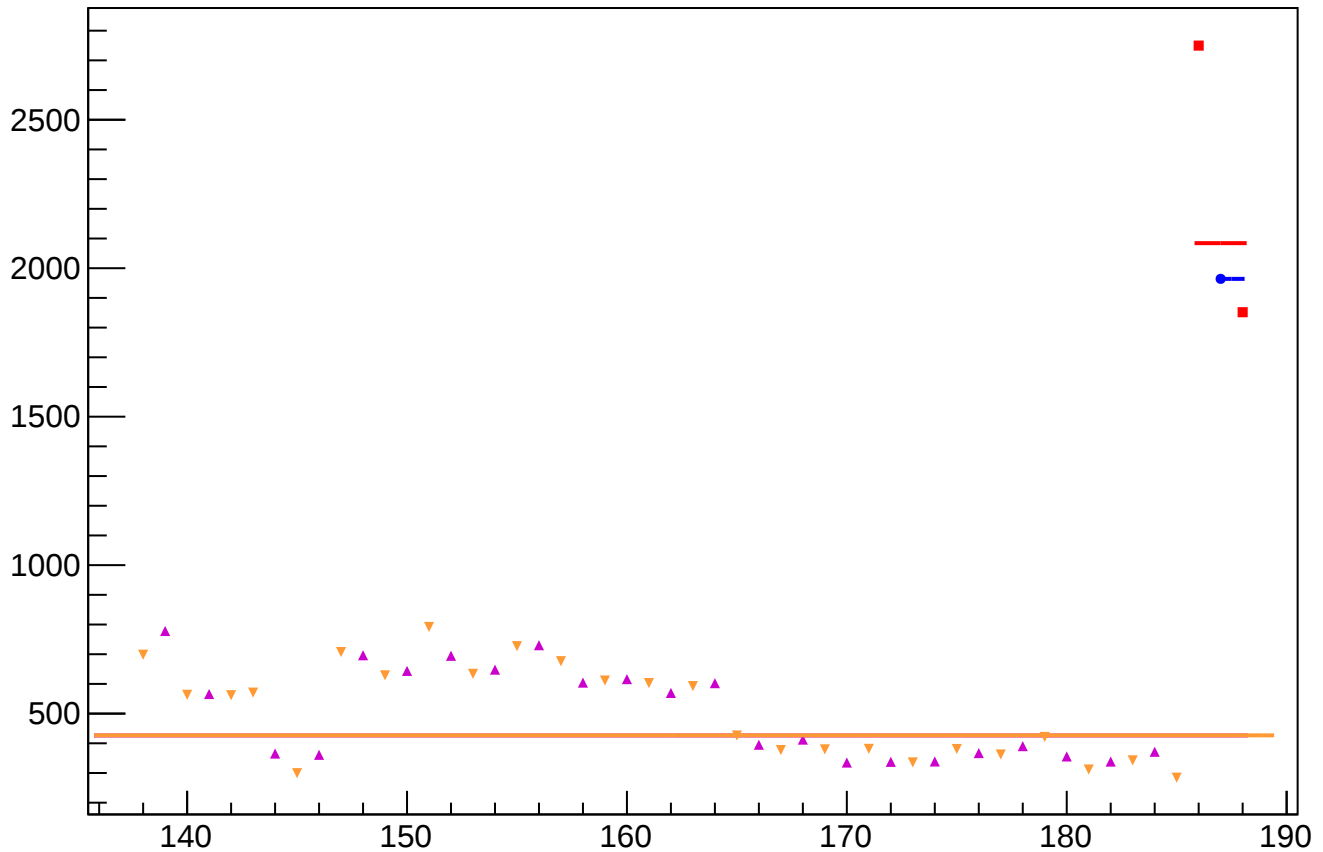
Left In: 28.710 ± 106.080 χ^2/NDF : 33.1/22

+ sign -308.024 ± 104.508 χ^2/NDF : 47.9/25

All: -143.107 ± 74.408 χ^2/NDF : 89.5/50

- sign 26.437 ± 105.965 χ^2/NDF : 36.5/24

asym_sam_26_avg_correction_rms vs Slug



Right In: 1964.131 $\pm$ 3.574 χ^2 /NDF: 0.0/0

Left Out: 426.792 $\pm$ 0.074 χ^2 /NDF: 3210955.9/24

Right Out: 2084.402 $\pm$ 1.607 χ^2 /NDF: 59909.1/1

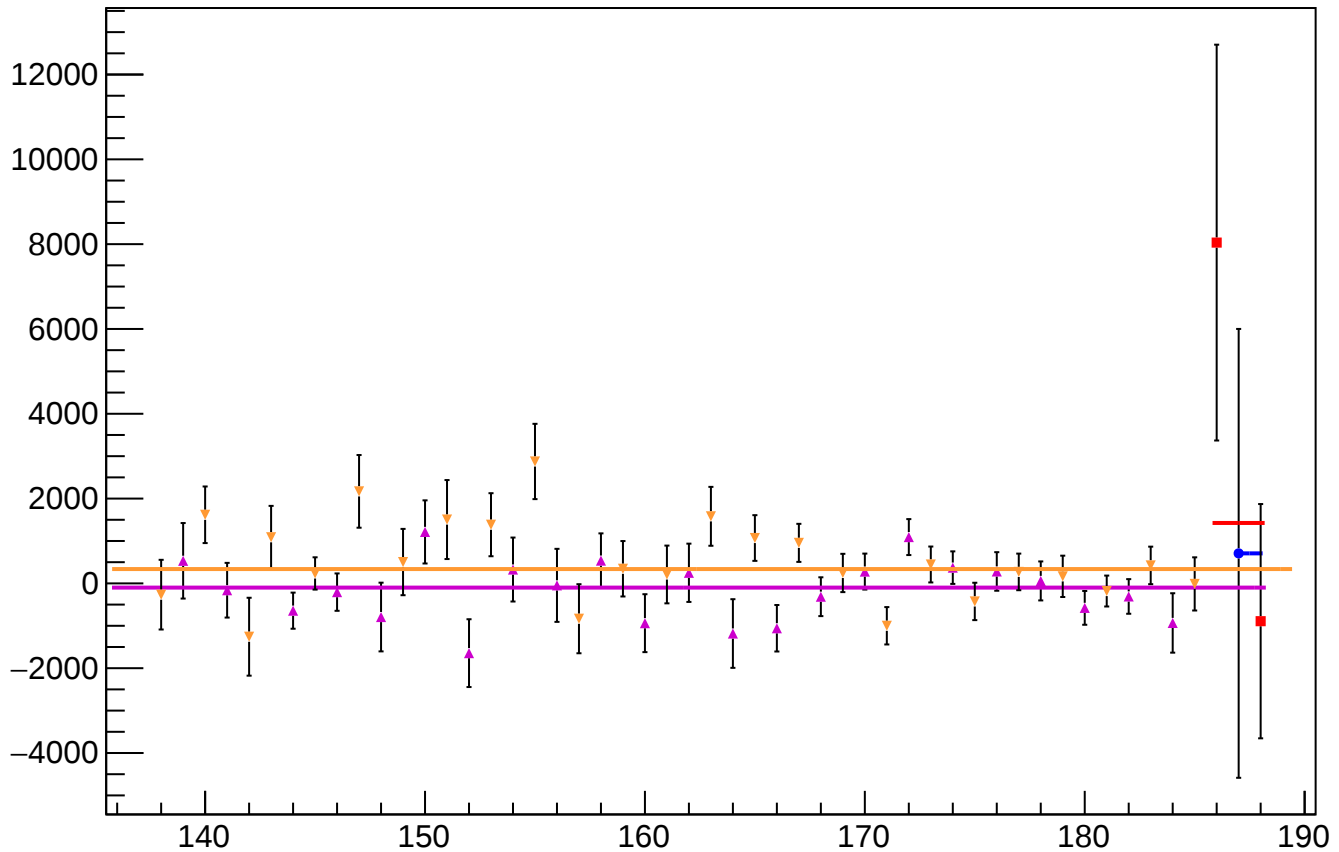
Left In: 426.333 $\pm$ 0.075 χ^2 /NDF: 2745935.4/22

+ sign 427.450 $\pm$ 0.074 χ^2 /NDF: 3395942.9/25

All: 428.676 $\pm$ 0.053 χ^2 /NDF: 7264366.5/50

- sign 429.937 $\pm$ 0.075 χ^2 /NDF: 3867865.2/24

asym_sam_26_avg_mean vs Slug



Right In: 707.944 $\pm$ 5292.618 χ^2 /NDF: 0.0/0

Left Out: 337.948 $\pm$ 109.831 χ^2 /NDF: 48.6/24

Right Out: 1424.898 $\pm$ 2377.317 χ^2 /NDF: 2.7/1

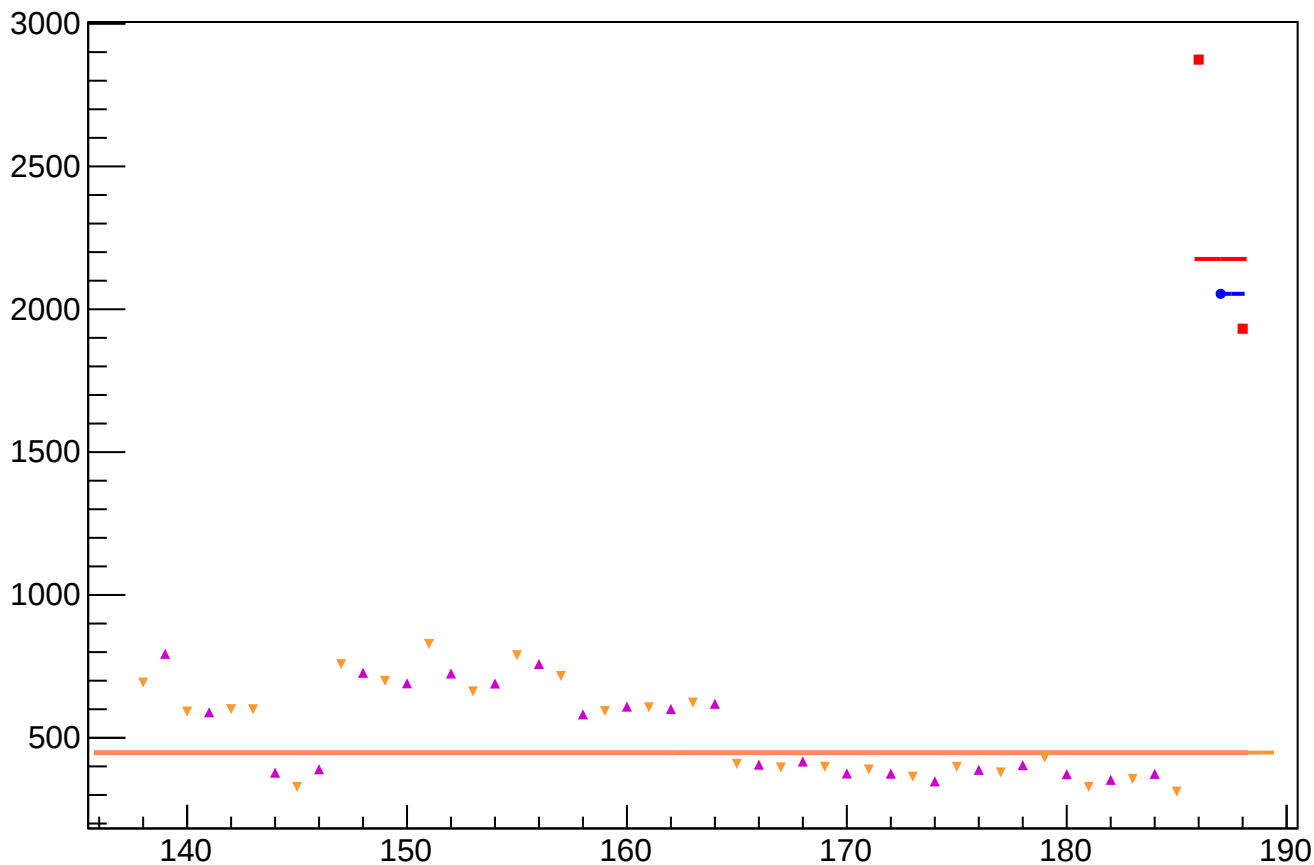
Left In: -99.475 $\pm$ 111.475 χ^2 /NDF: 32.1/22

+ sign 338.107 $\pm$ 109.807 χ^2 /NDF: 48.6/25

All: 124.022 $\pm$ 78.186 χ^2 /NDF: 91.5/50

- sign -96.131 $\pm$ 111.353 χ^2 /NDF: 35.2/24

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: 2176.209+/-1.681 χ^2/NDF : 60332.9/1

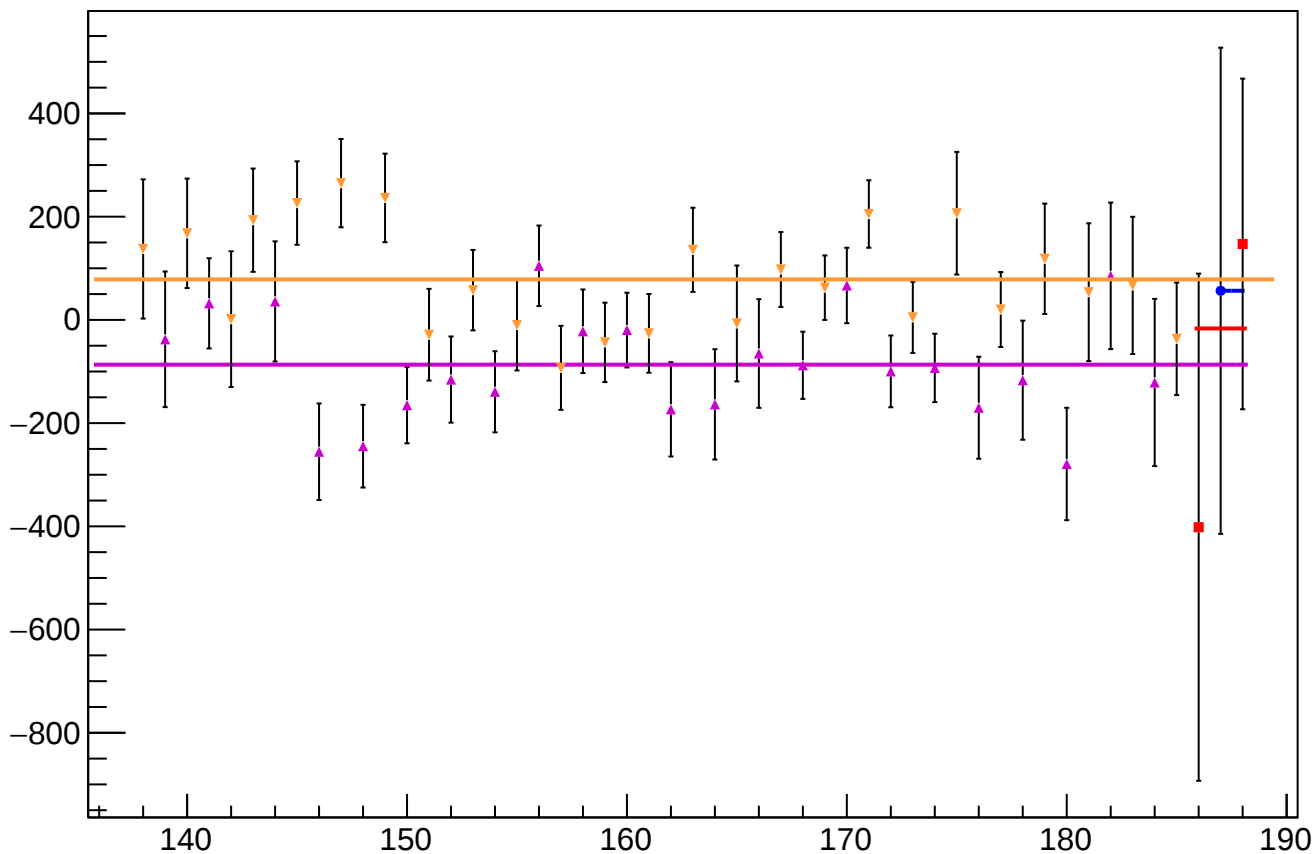
Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

+ sign 449.088+/-0.078 χ^2/NDF : 3261199.2/25

All: 450.538+/-0.055 χ^2/NDF : 6940019.8/50

- sign 452.029+/-0.079 χ^2/NDF : 3678113.0/24

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: -16.547 ± 268.324 χ^2/NDF : 0.9/1

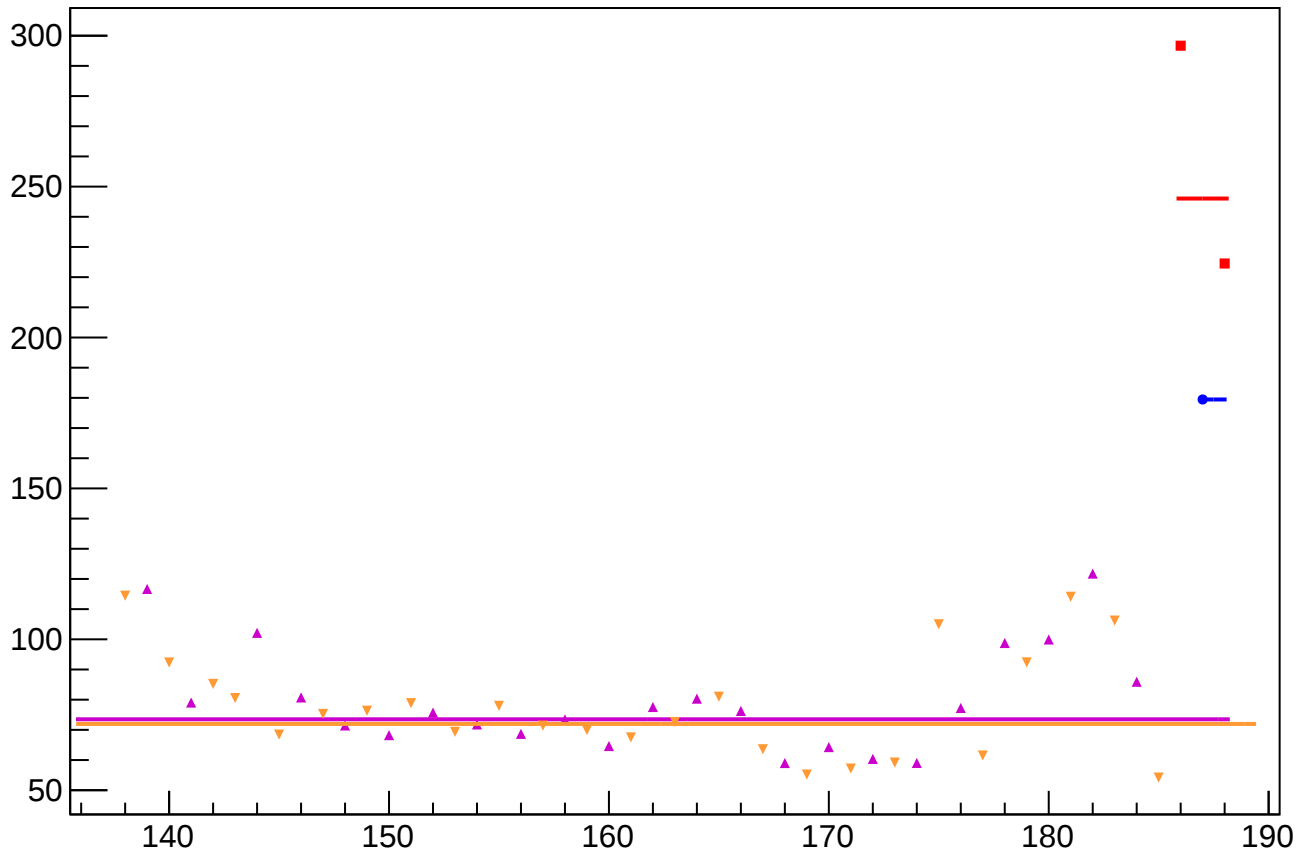
Left In: -86.721 ± 18.153 χ^2/NDF : 30.8/22

+ sign 78.491 ± 17.383 χ^2/NDF : 34.6/25

All: -0.571 ± 12.541 χ^2/NDF : 109.5/50

- sign -86.401 ± 18.111 χ^2/NDF : 31.7/24

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: 246.048 $\pm$ 0.190 χ^2 /NDF: 30272.9/1

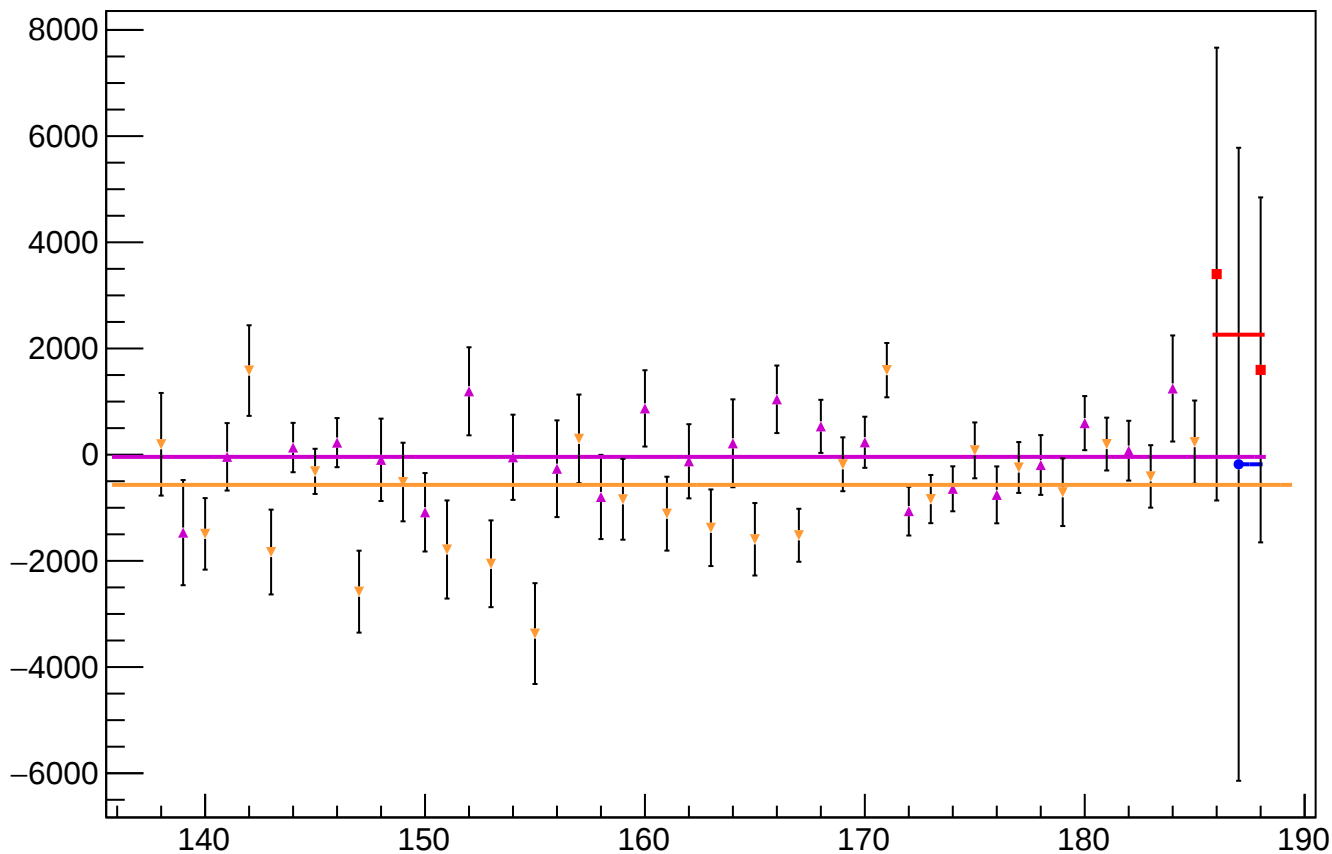
Left In: 73.503 $\pm$ 0.013 χ^2 /NDF:1179670.4/22

+ sign 72.110 $\pm$ 0.012 χ^2 /NDF: 1464114.3/25

All: 73.155 $\pm$ 0.009 χ^2 /NDF: 3512381.6/50

- sign 74.289 $\pm$ 0.013 χ^2 /NDF: 2033201.3/24

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: 2260.010+/-2584.300 χ^2/NDF : 0.1/1

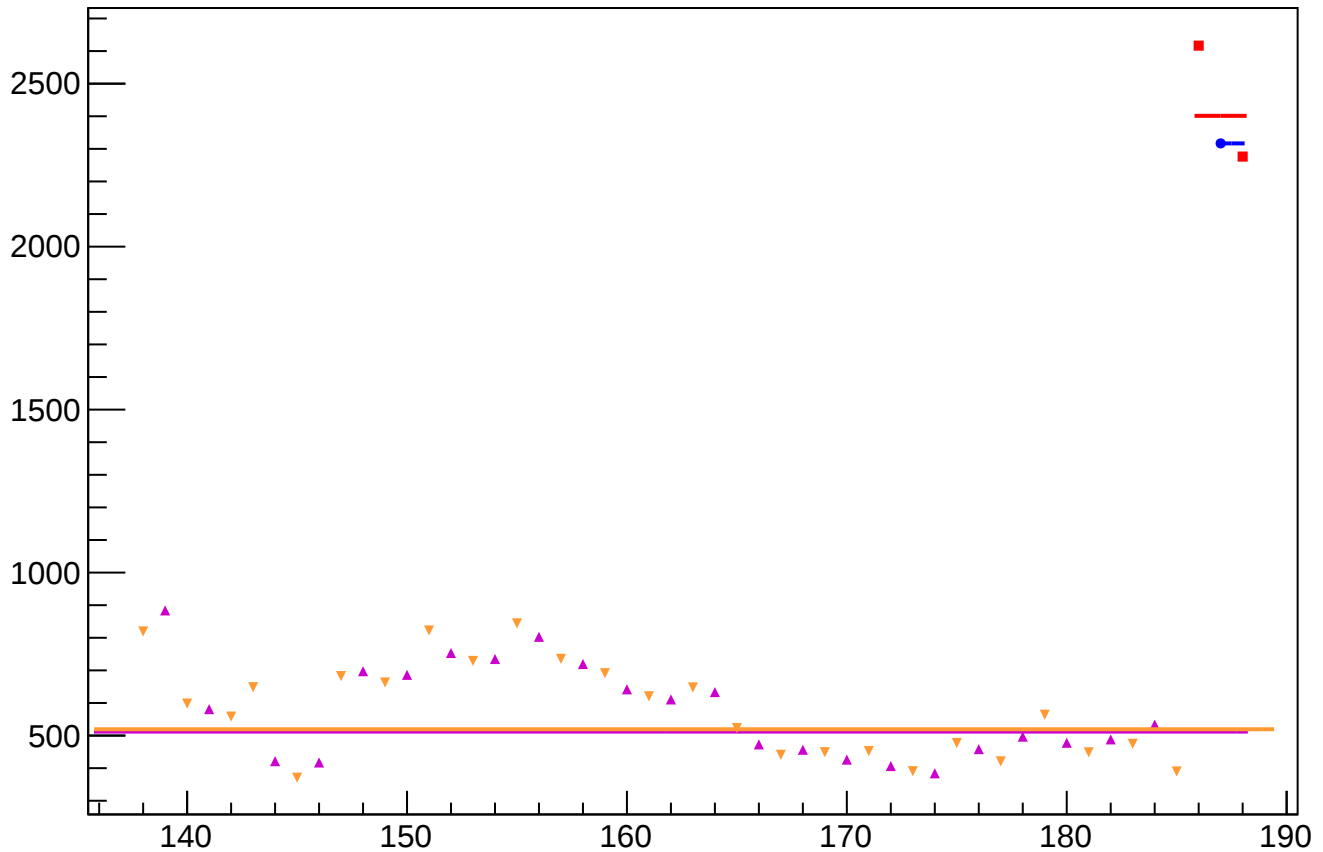
Left In: -41.212+/-125.719 χ^2/NDF : 26.1/22

+ sign -568.653+/-125.077 χ^2/NDF : 65.6/25

All: -303.266+/-88.617 χ^2/NDF : 101.6/50

- sign -35.779+/-125.571 χ^2/NDF : 27.0/24

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: 2401.336+/-1.827 χ^2/NDF : 8058.7/1

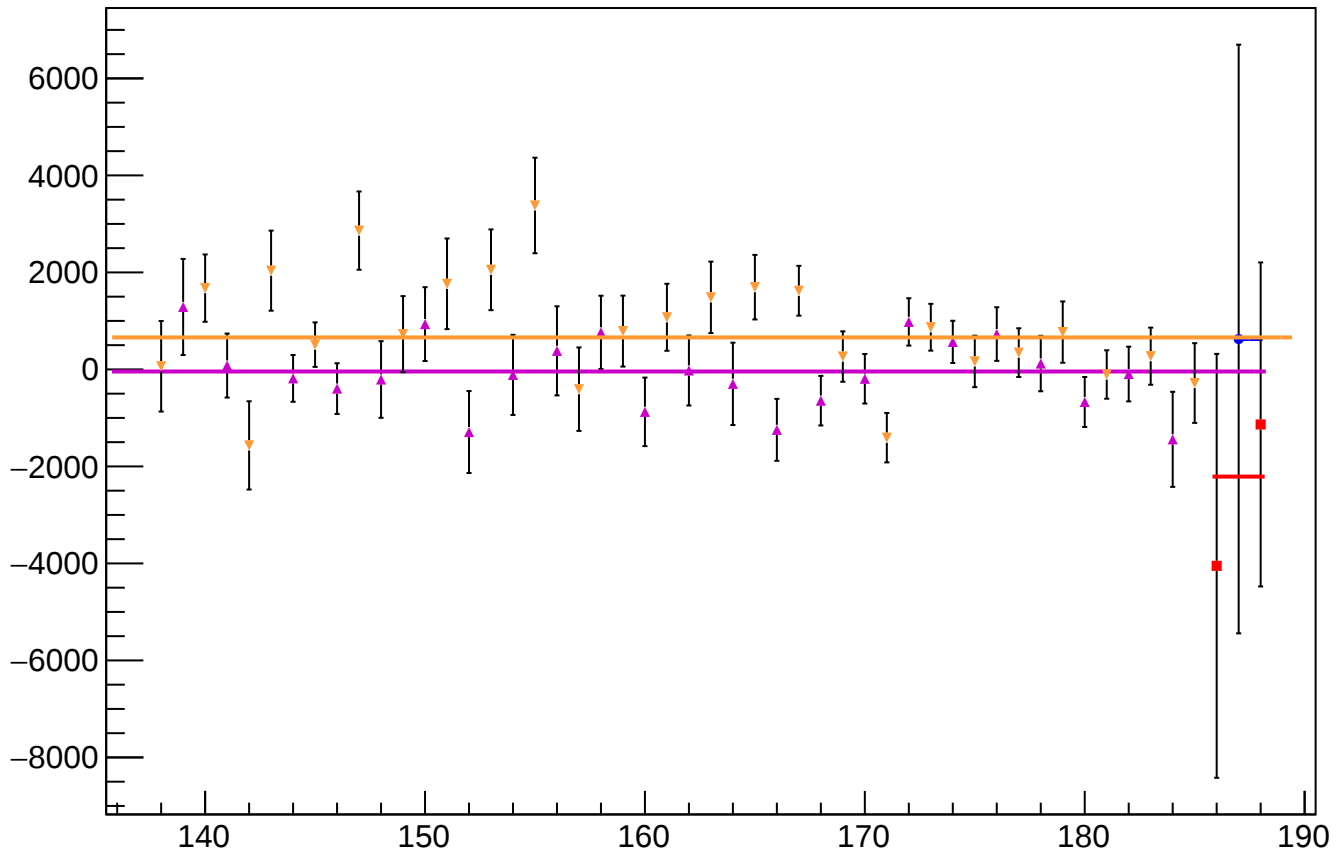
Left In: 512.163+/-0.089 χ^2/NDF : 1921516.3/22

+ sign 520.128+/-0.088 χ^2/NDF : 2285929.1/25

All: 518.383+/-0.063 χ^2/NDF : 5282540.7/50

- sign 516.624+/-0.089 χ^2/NDF : 2995829.7/24

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: -2209.891 $\pm$ 2653.836 χ^2 /NDF: 0.3/1

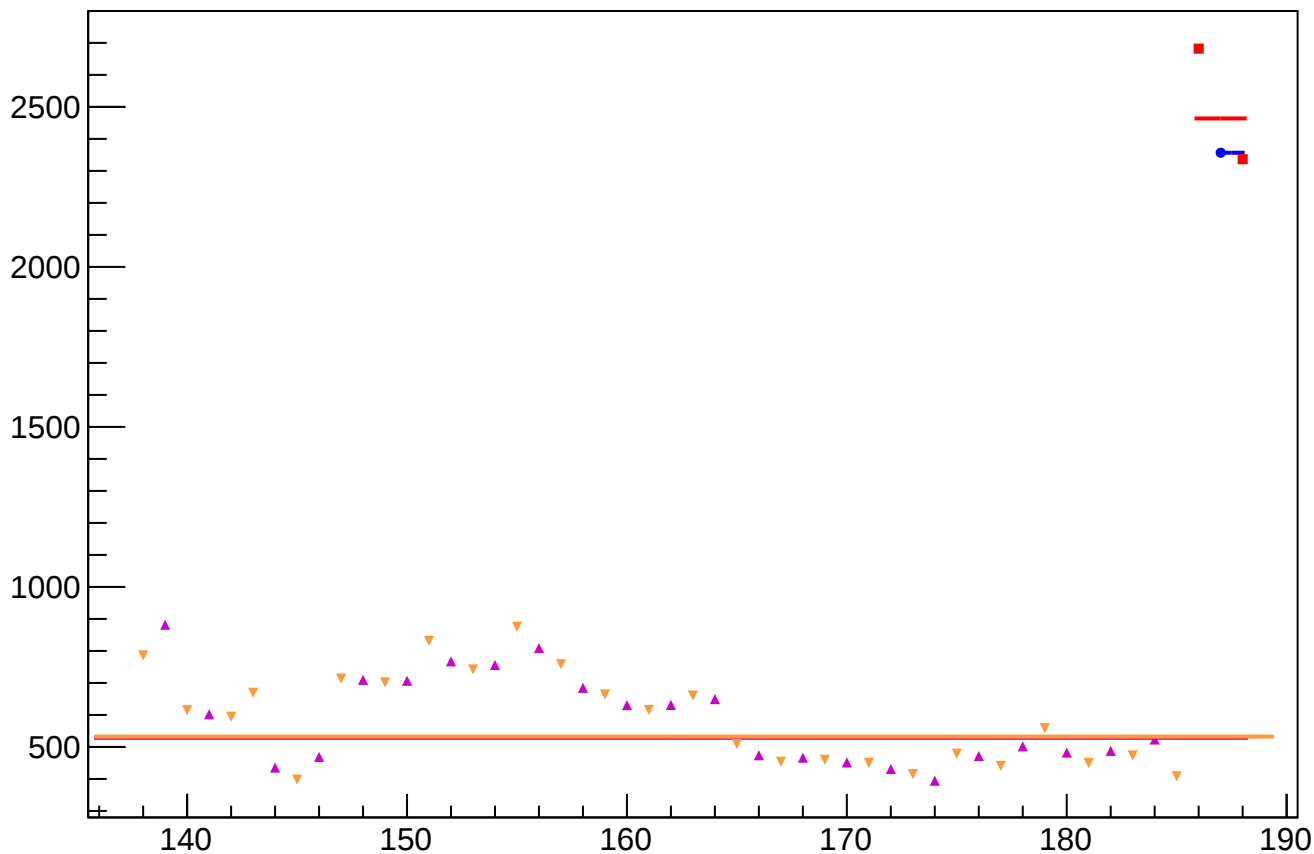
Left In: -43.183 $\pm$ 129.538 χ^2 /NDF: 26.0/22

+ sign 659.508 $\pm$ 128.136 χ^2 /NDF: 62.4/25

All: 309.018 $\pm$ 91.044 χ^2 /NDF: 104.5/50

- sign -48.333 $\pm$ 129.384 χ^2 /NDF: 27.0/24

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: 2463.898 $\pm$ 1.877 χ^2 /NDF: 7888.0/1

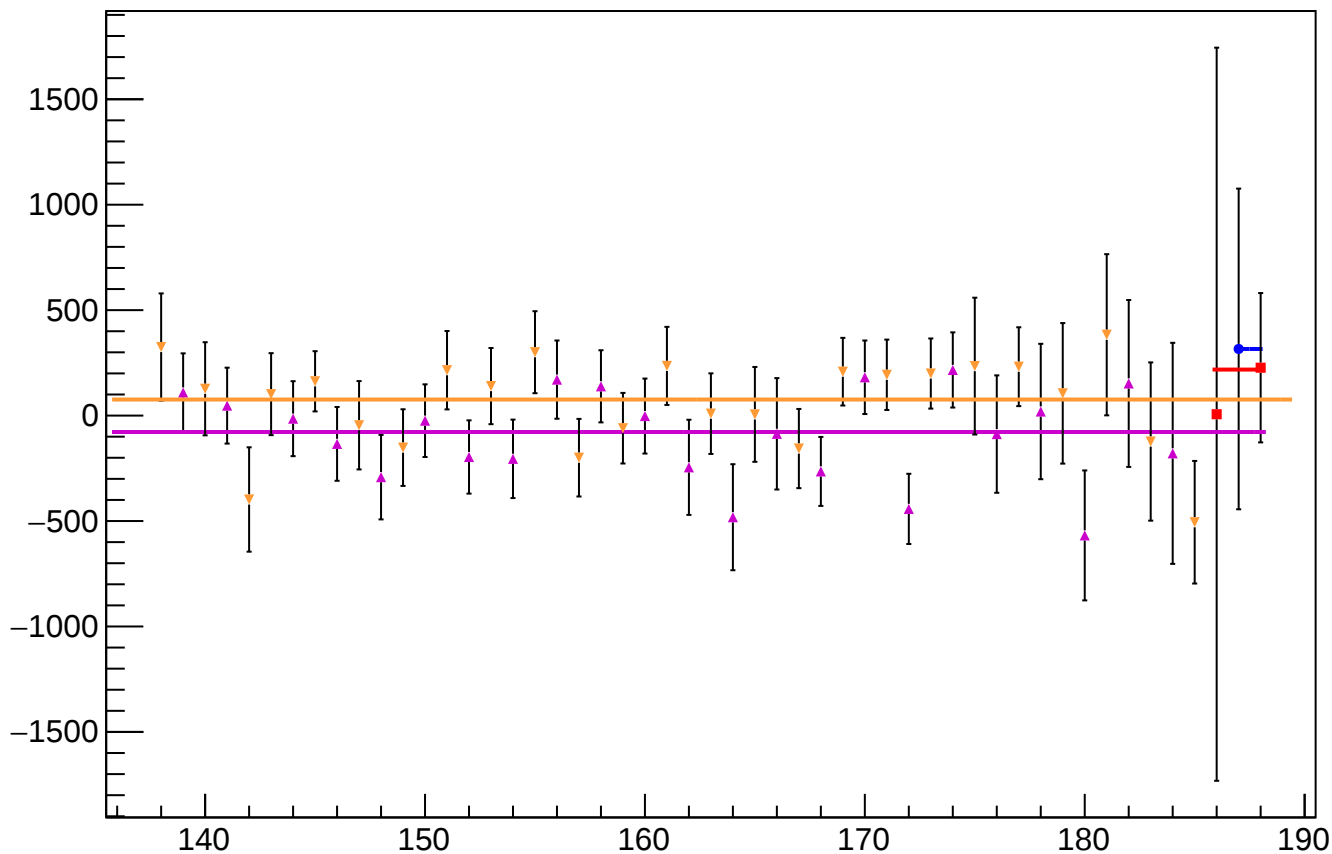
Left In: 528.464 $\pm$ 0.092 χ^2 /NDF:1712049.5/22

+ sign 533.206 $\pm$ 0.091 χ^2 /NDF: 2123720.6/25

All: 533.136 $\pm$ 0.064 χ^2 /NDF: 4904878.2/50

- sign 533.065 $\pm$ 0.091 χ^2 /NDF: 2781156.4/24

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: 218.195 $\pm$ 346.945 χ^2 /NDF: 0.0/1

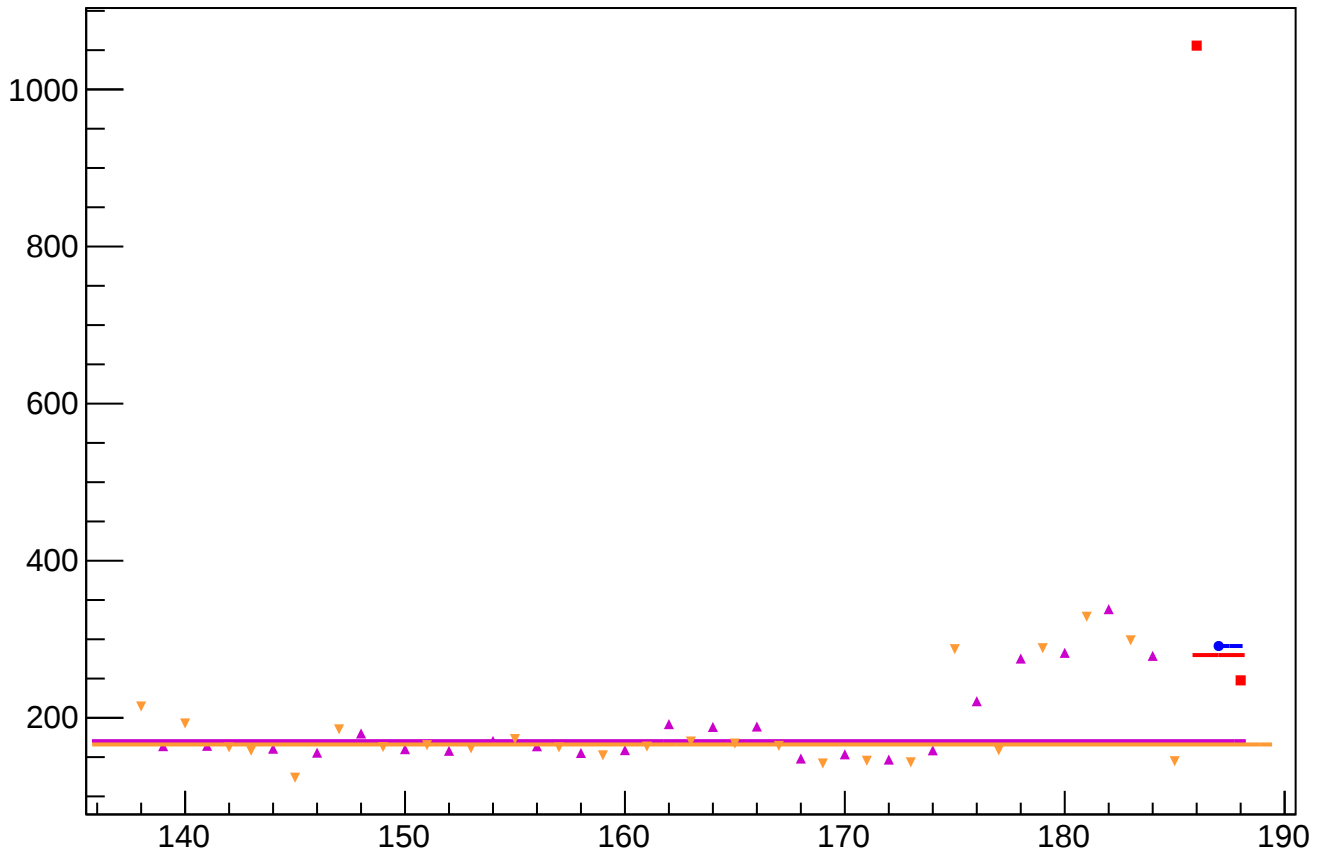
Left In: -77.905 $\pm$ 41.864 χ^2 /NDF:24.7/22

+ sign 76.767 $\pm$ 40.081 χ^2 /NDF: 22.1/25

All: 4.283 $\pm$ 28.851 χ^2 /NDF: 54.3/50

- sign -73.656 $\pm$ 41.562 χ^2 /NDF: 25.4/24

dit_asym_sam_48_avg_rms vs Slug



Right In: 291.429 $\pm$ 0.538 χ^2 /NDF: 0.0/0

Left Out: 166.106 $\pm$ 0.028 χ^2 /NDF: 1608449.8/24

Right Out: 279.908 $\pm$ 0.245 χ^2 /NDF: 415001.5/1

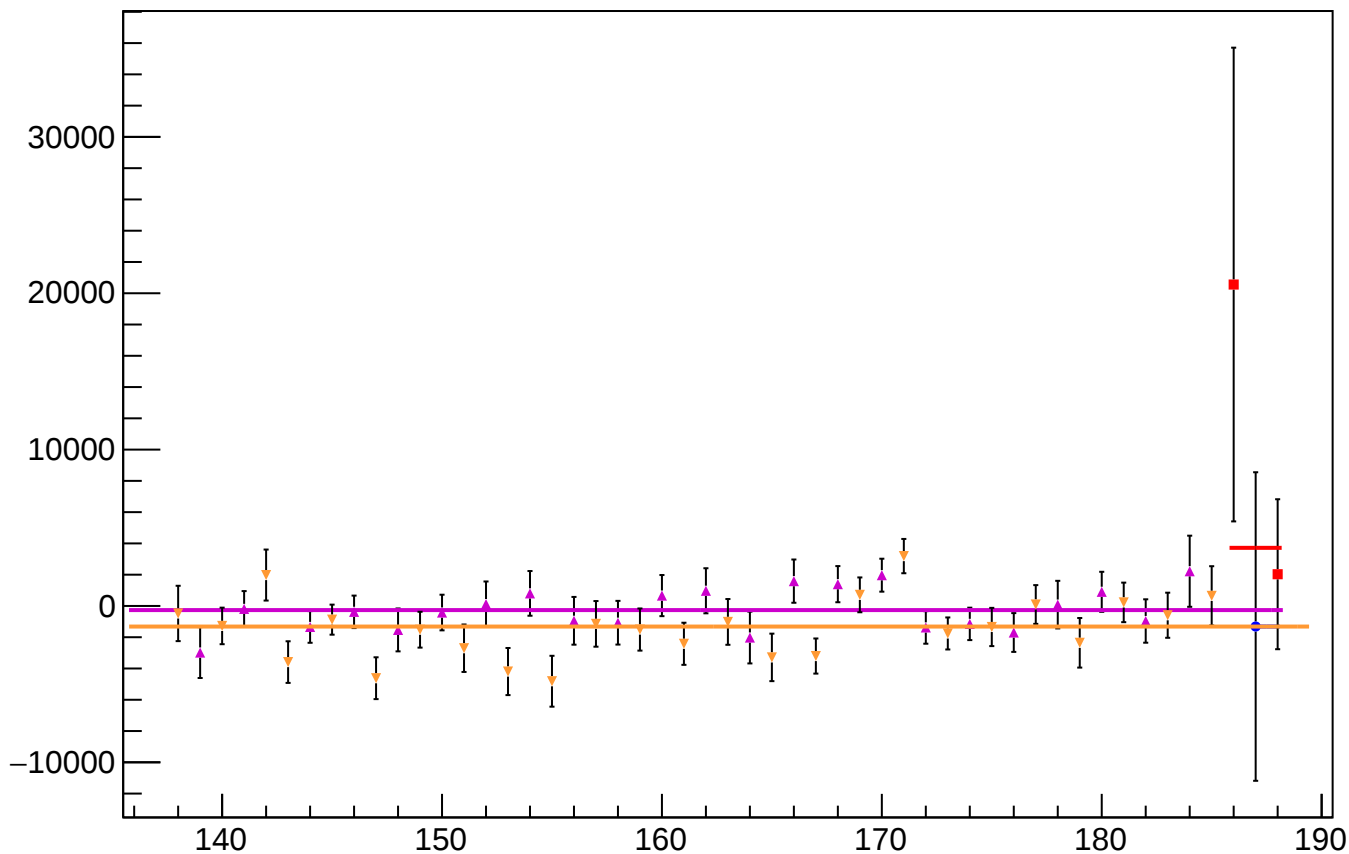
Left In: 170.340 $\pm$ 0.030 χ^2 /NDF: 1208577.3/22

+ sign 166.454 $\pm$ 0.028 χ^2 /NDF: 1662639.3/25

All: 169.084 $\pm$ 0.020 χ^2 /NDF: 3500698.4/50

- sign 171.912 $\pm$ 0.029 χ^2 /NDF: 1820187.1/24

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: 3717.074 ± 4572.216 χ^2/NDF : 1.4/1

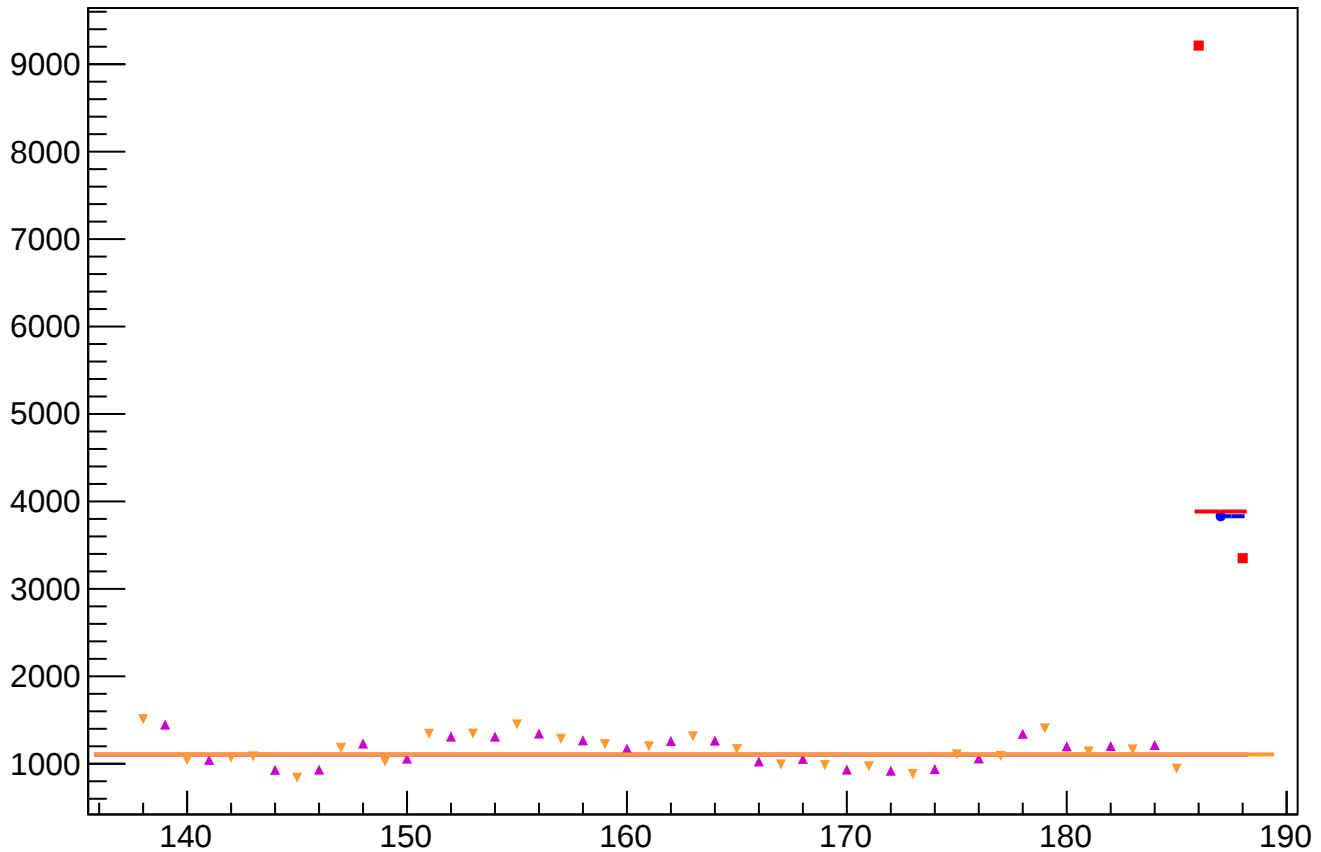
Left In: -264.475 ± 266.184 χ^2/NDF : 22.2/22

+ sign -1317.465 ± 261.579 χ^2/NDF : 52.8/25

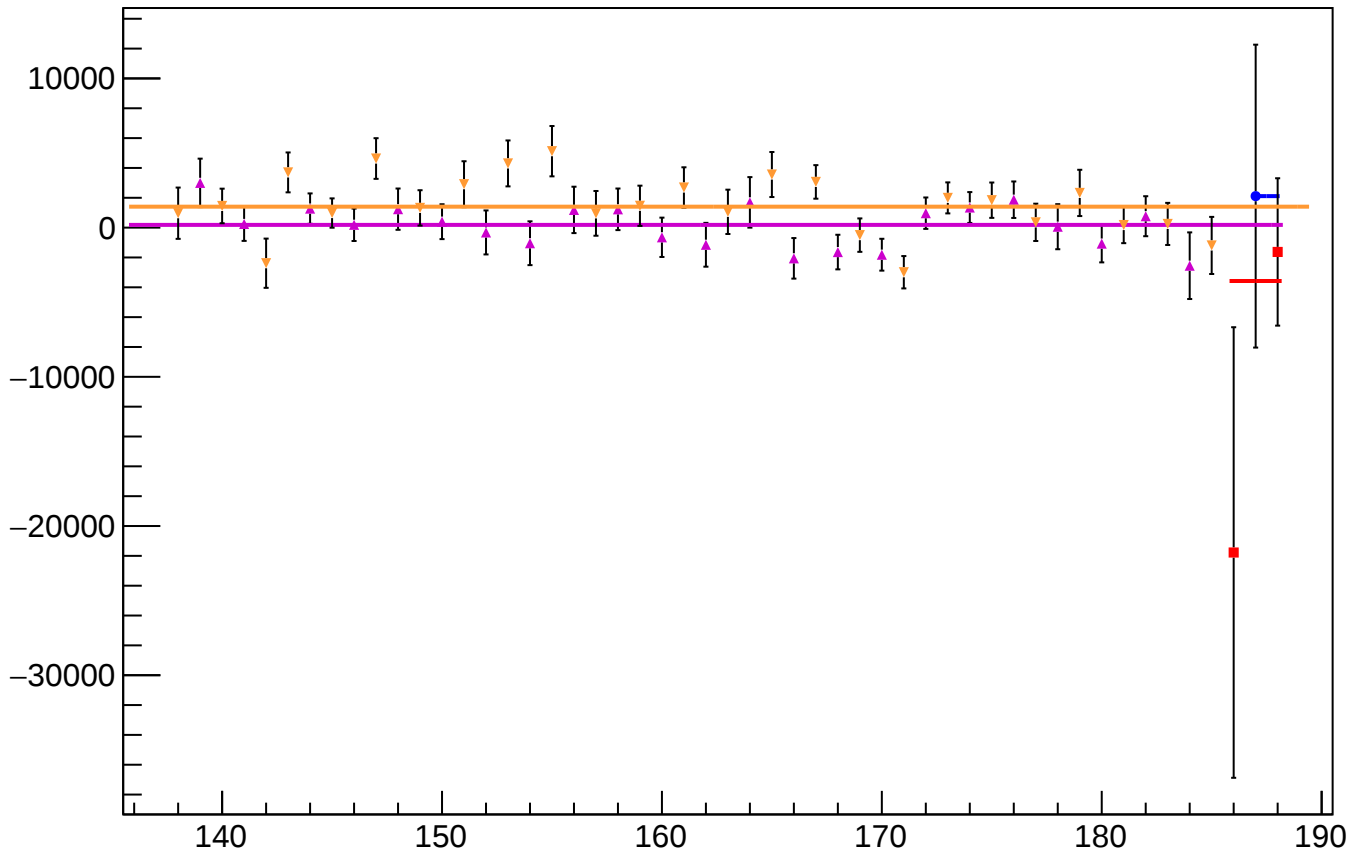
All: -792.648 ± 186.416 χ^2/NDF : 85.3/50

- sign -251.026 ± 265.734 χ^2/NDF : 24.3/24

asym_sam_48_avg_correction_rms vs Slug



asym_sam_48_avg_mean vs Slug



Right In: 2111.622+/-10151.201 χ^2 /NDF: 0.0/0

Left Out: 1404.763+/-262.517 χ^2 /NDF: 53.1/24

Right Out: -3577.168+/-4694.452 χ^2 /NDF: 1.6/1

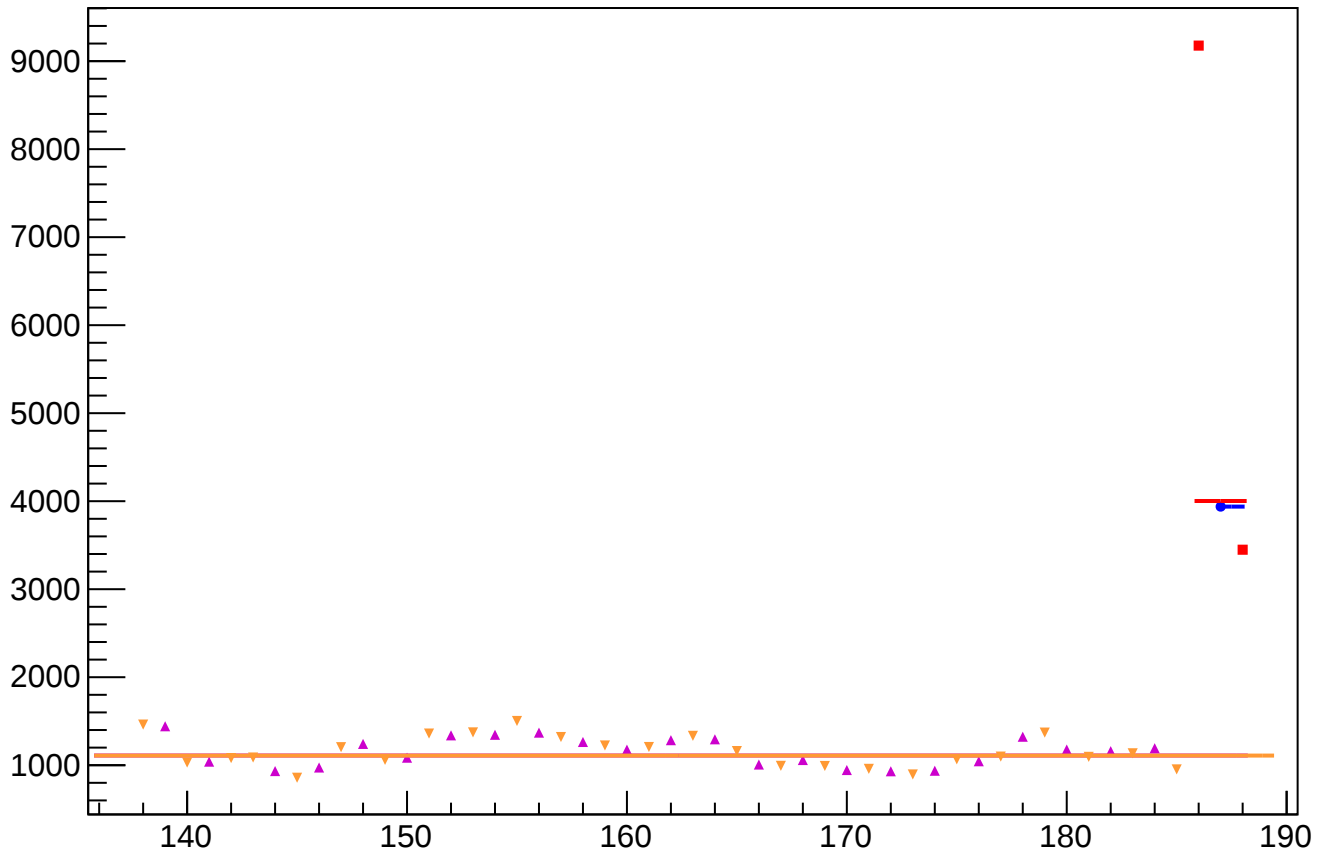
Left In: 183.249+/-267.620 χ^2 /NDF: 23.7/22

+ sign 1405.235+/-262.429 χ^2 /NDF: 53.1/25

All: 799.236+/-187.225 χ^2 /NDF: 89.9/50

- sign 171.068+/-267.186 χ^2 /NDF: 26.0/24

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: 4002.265+/-3.319 χ^2/NDF : 259977.8/1

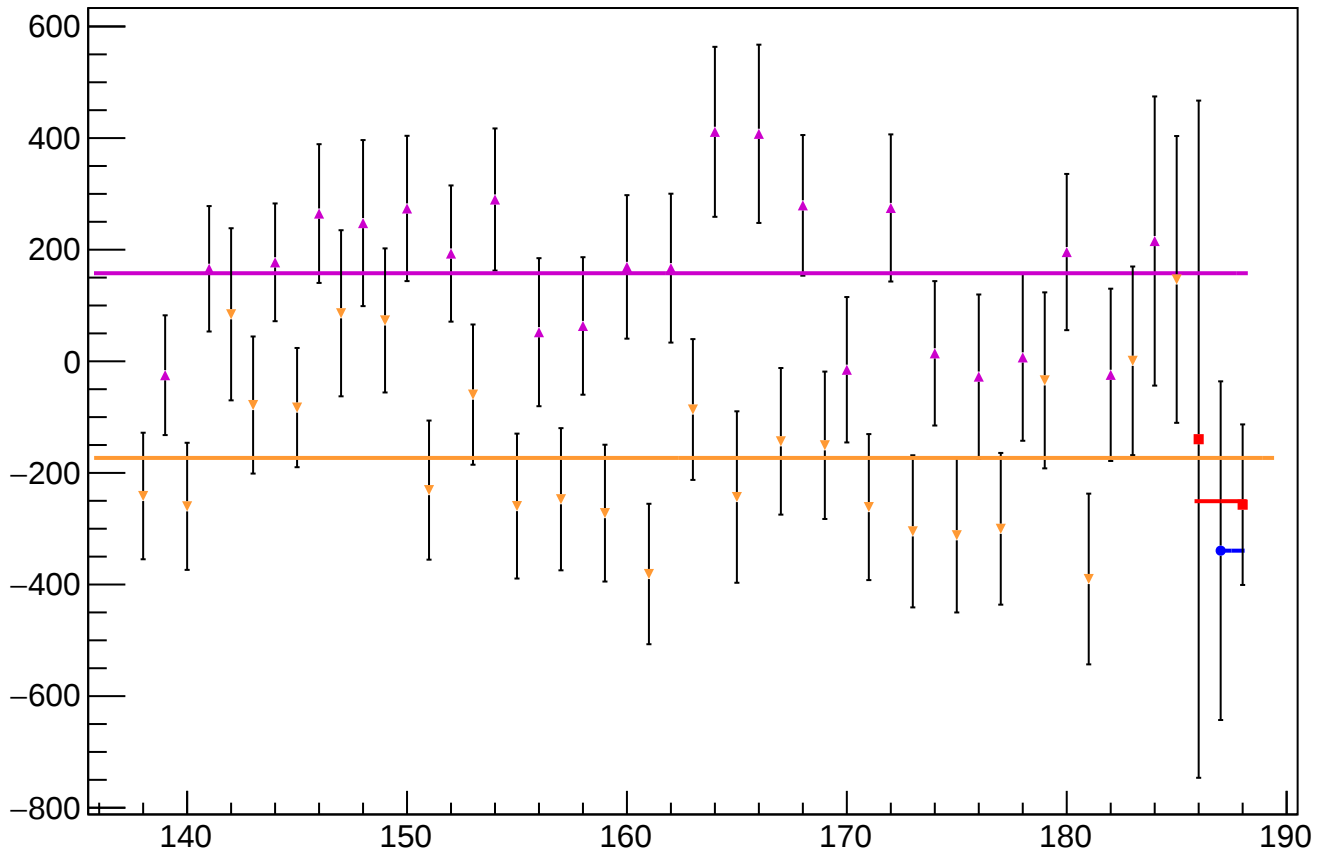
Left In: 1110.162+/-0.189 χ^2/NDF : 673229.2/22

+ sign 1111.465+/-0.186 χ^2/NDF : 968179.3/25

All: 1115.425+/-0.132 χ^2/NDF : 2658935.4/50

- sign 1119.531+/-0.189 χ^2/NDF : 1689828.4/24

dit_asym_sam_15_dd_mean vs Slug



Right In: -339.346 $\pm$ 303.448 χ^2/NDF : 0.0/0

Left Out: -173.150 $\pm$ 26.664 χ^2/NDF : 26.3/24

Right Out: -250.674 $\pm$ 139.976 χ^2/NDF : 0.0/1

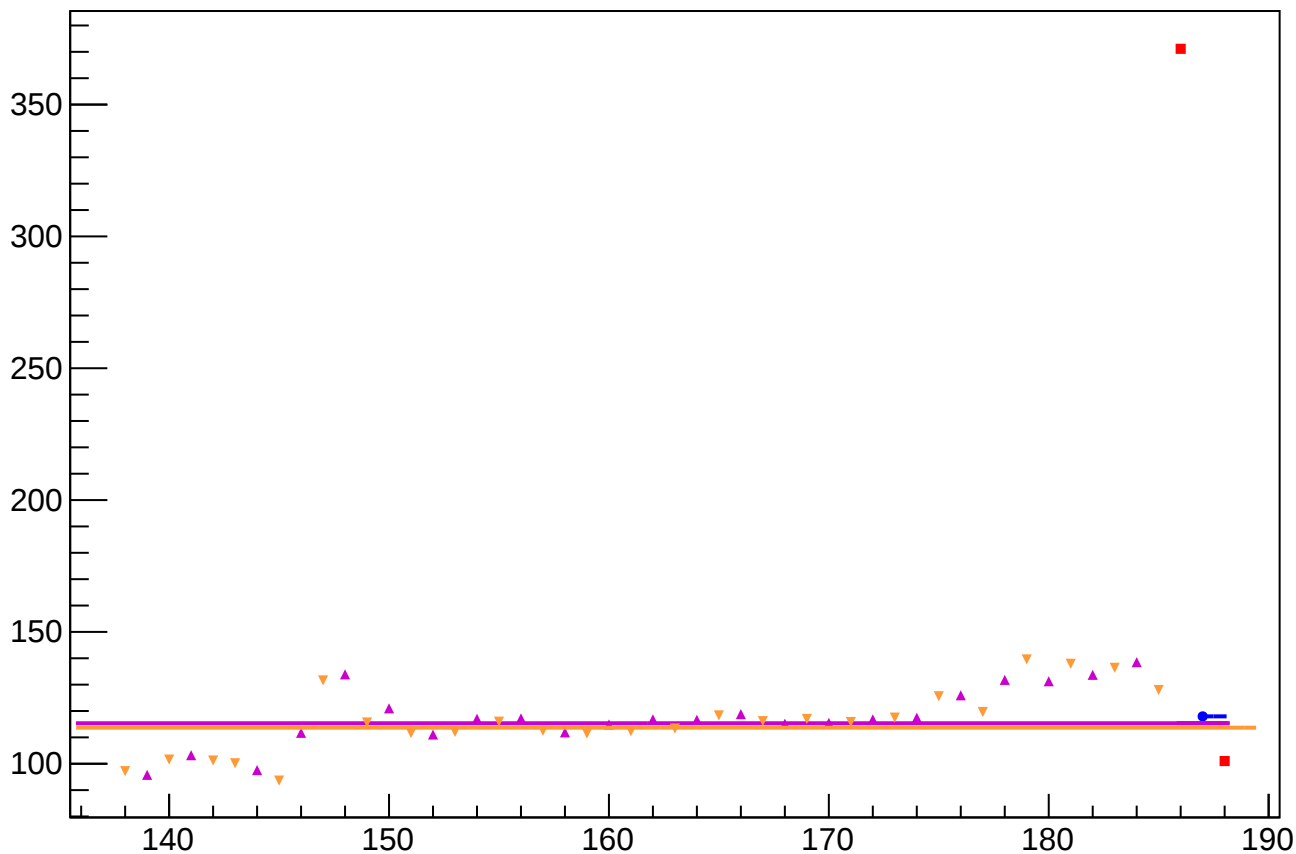
Left In: 157.835 $\pm$ 27.594 χ^2/NDF : 21.3/22

+ sign -174.423 $\pm$ 26.562 χ^2/NDF : 26.6/25

All: -18.957 $\pm$ 18.960 χ^2/NDF : 126.0/50

- sign 142.553 $\pm$ 27.073 χ^2/NDF : 29.5/24

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: 115.397 $\pm$ 0.099 χ^2 /NDF: 375315.0/1

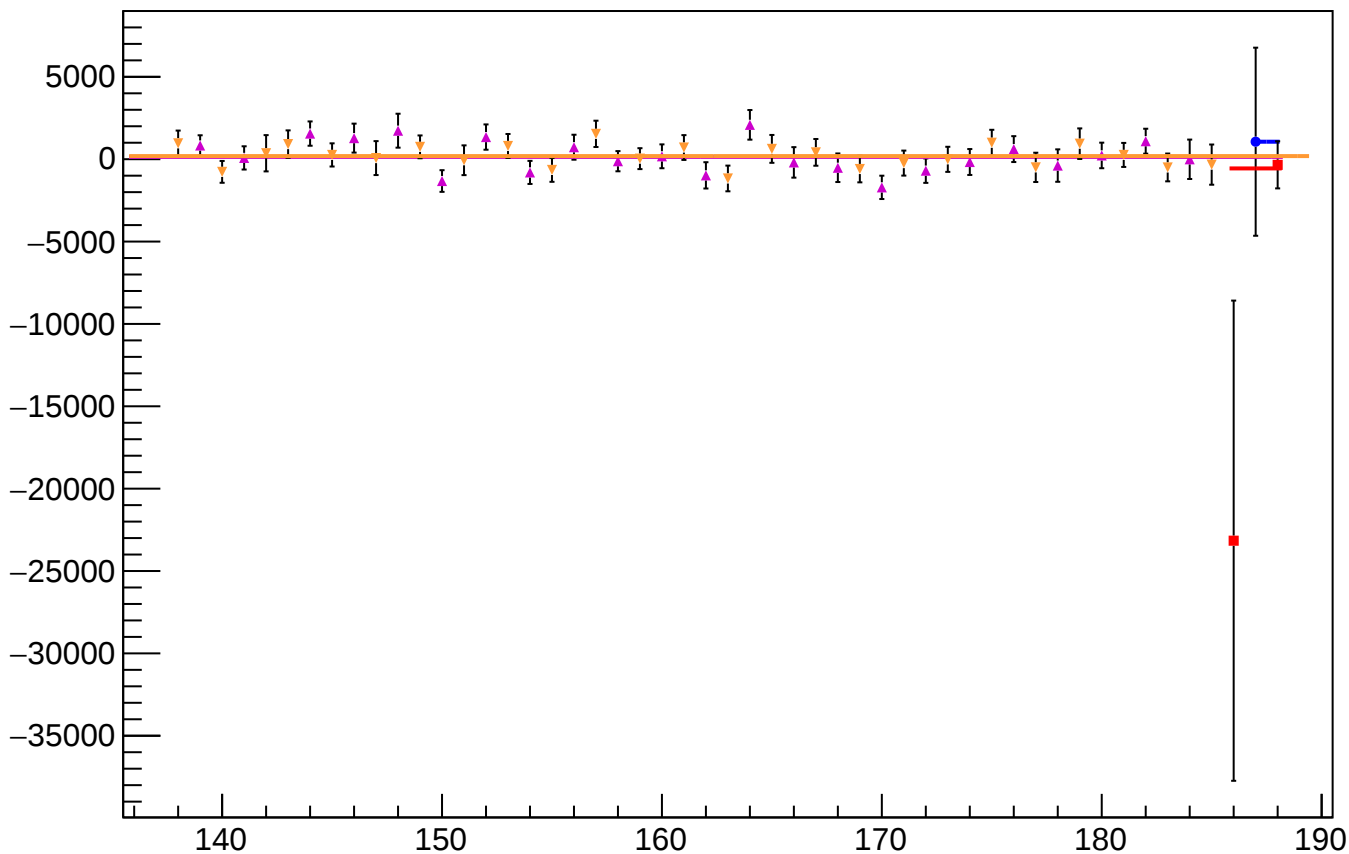
Left In: 115.353 $\pm$ 0.020 χ^2 /NDF: 294694.0/22

+ sign 113.715 $\pm$ 0.019 χ^2 /NDF: 376084.9/25

All: 114.519 $\pm$ 0.013 χ^2 /NDF: 1049831.3/50

- sign 115.354 $\pm$ 0.019 χ^2 /NDF: 670009.1/24

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: -560.036 $\pm$ 1422.849 χ^2 /NDF: 2.4/1

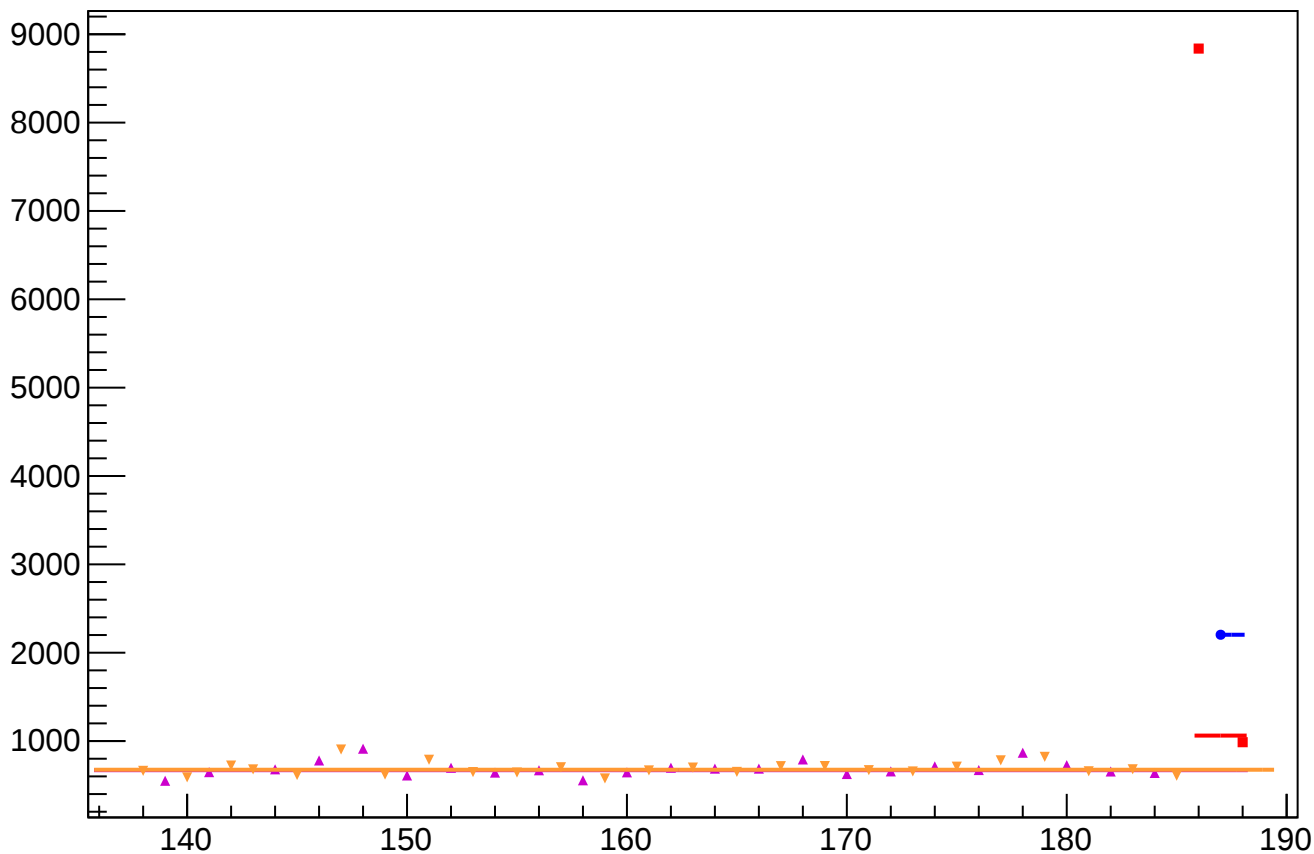
Left In: 139.664 $\pm$ 161.085 χ^2 /NDF: 36.9/22

+ sign 189.068 $\pm$ 158.727 χ^2 /NDF: 18.0/25

All: 160.183 $\pm$ 112.706 χ^2 /NDF: 57.6/50

- sign 130.809 $\pm$ 160.063 χ^2 /NDF: 39.6/24

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: 1061.795 $\pm$ 1.006 χ^2 /NDF: 574699.8/1

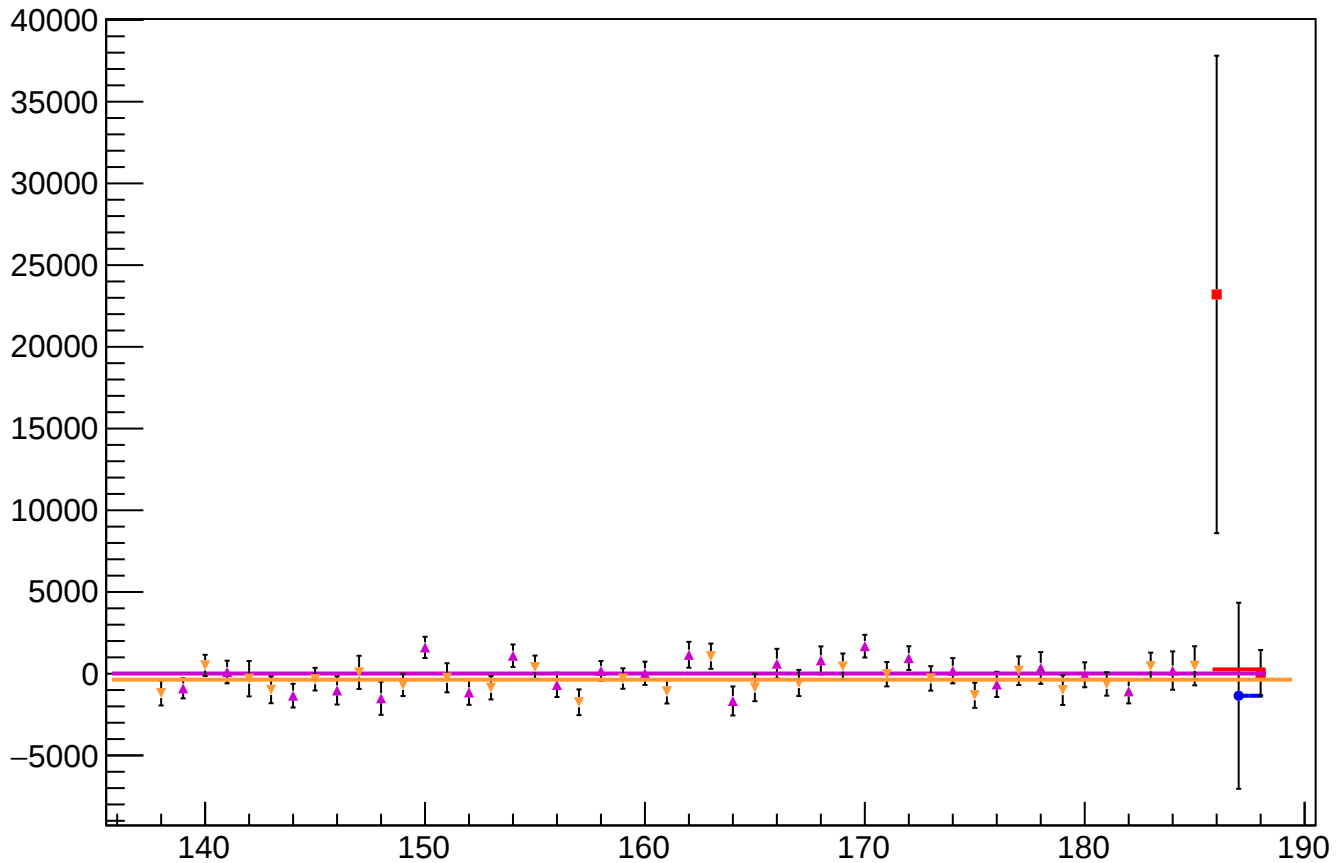
Left In: 670.186 $\pm$ 0.114 χ^2 /NDF: 465026.7/22

+ sign 676.491 $\pm$ 0.112 χ^2 /NDF: 500226.5/25

All: 675.822 $\pm$ 0.080 χ^2 /NDF: 1689608.8/50

- sign 675.142 $\pm$ 0.113 χ^2 /NDF: 1189310.7/24

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: 262.915 ± 1392.453 χ^2/NDF : 2.5/1

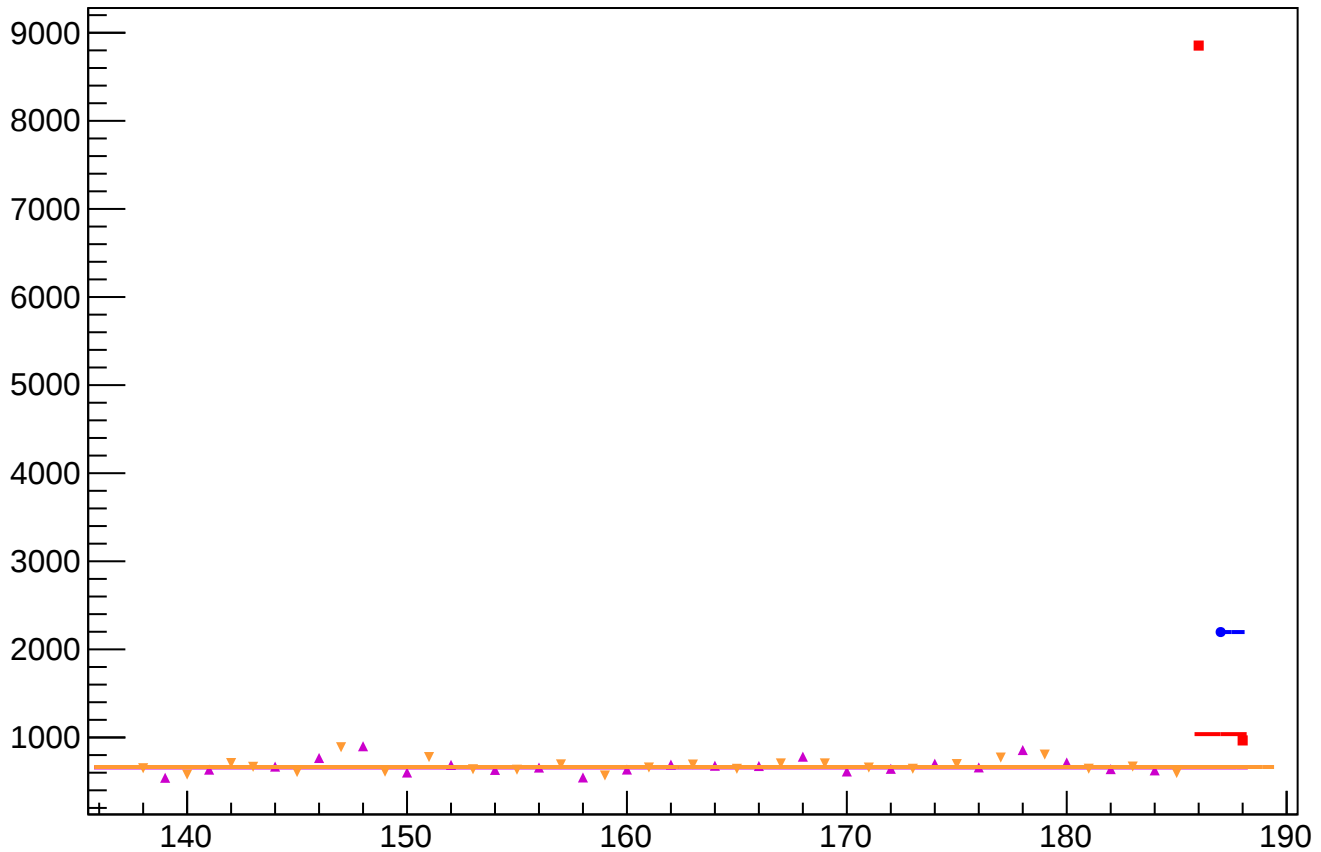
Left In: 11.243 ± 158.497 χ^2/NDF : 38.8/22

+ sign -366.135 ± 156.242 χ^2/NDF : 18.8/25

All: -177.339 ± 110.915 χ^2/NDF : 63.0/50

- sign 14.462 ± 157.480 χ^2/NDF : 41.3/24

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: 1037.875 $\pm$ 0.985 χ^2 /NDF: 577818.0/1

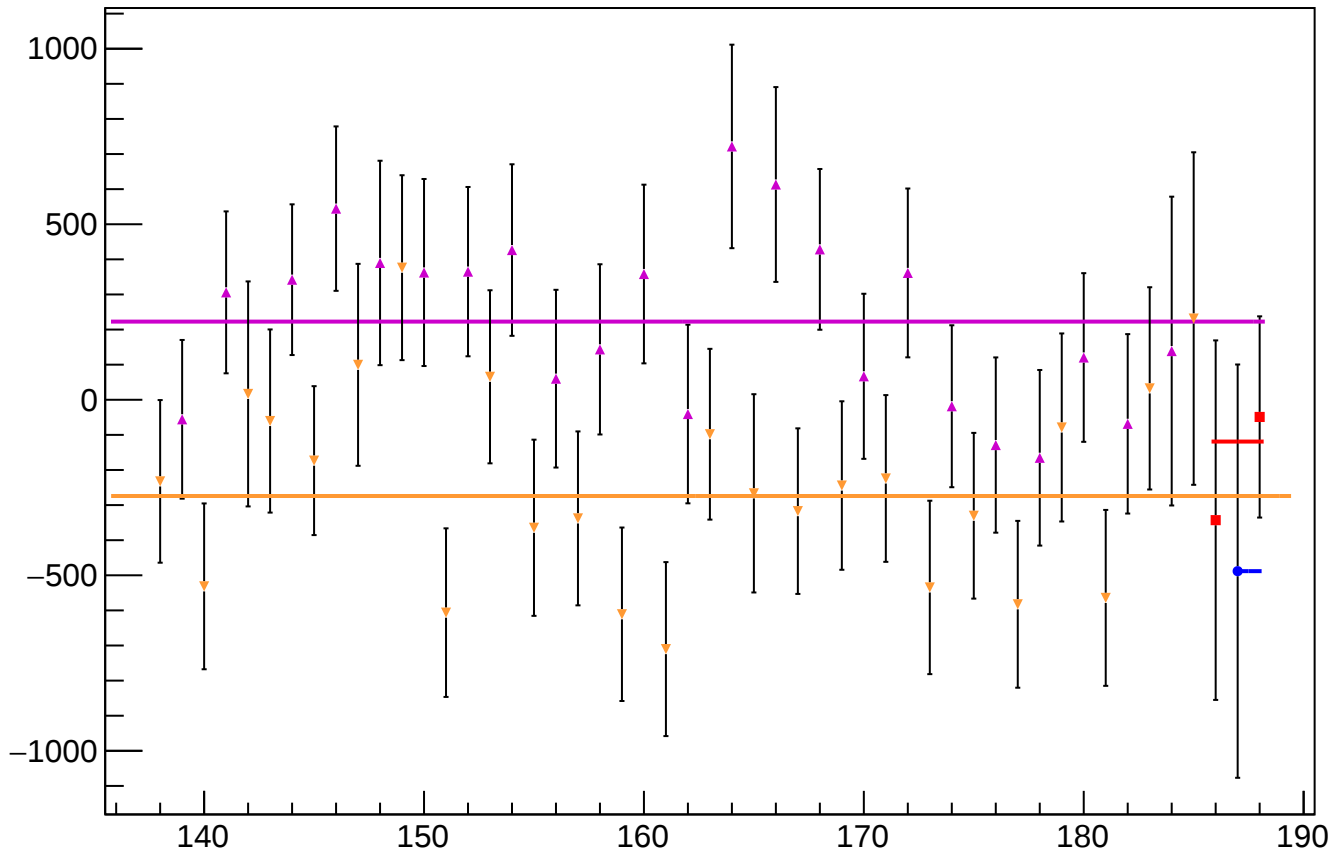
Left In: 659.230 $\pm$ 0.112 χ^2 /NDF: 472744.9/22

+ sign 665.772 $\pm$ 0.110 χ^2 /NDF: 501712.2/25

All: 664.929 $\pm$ 0.078 χ^2 /NDF: 1698389.4/50

- sign 664.073 $\pm$ 0.111 χ^2 /NDF: 1196559.9/24

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: -119.048+/-250.099 χ^2/NDF : 0.3/1

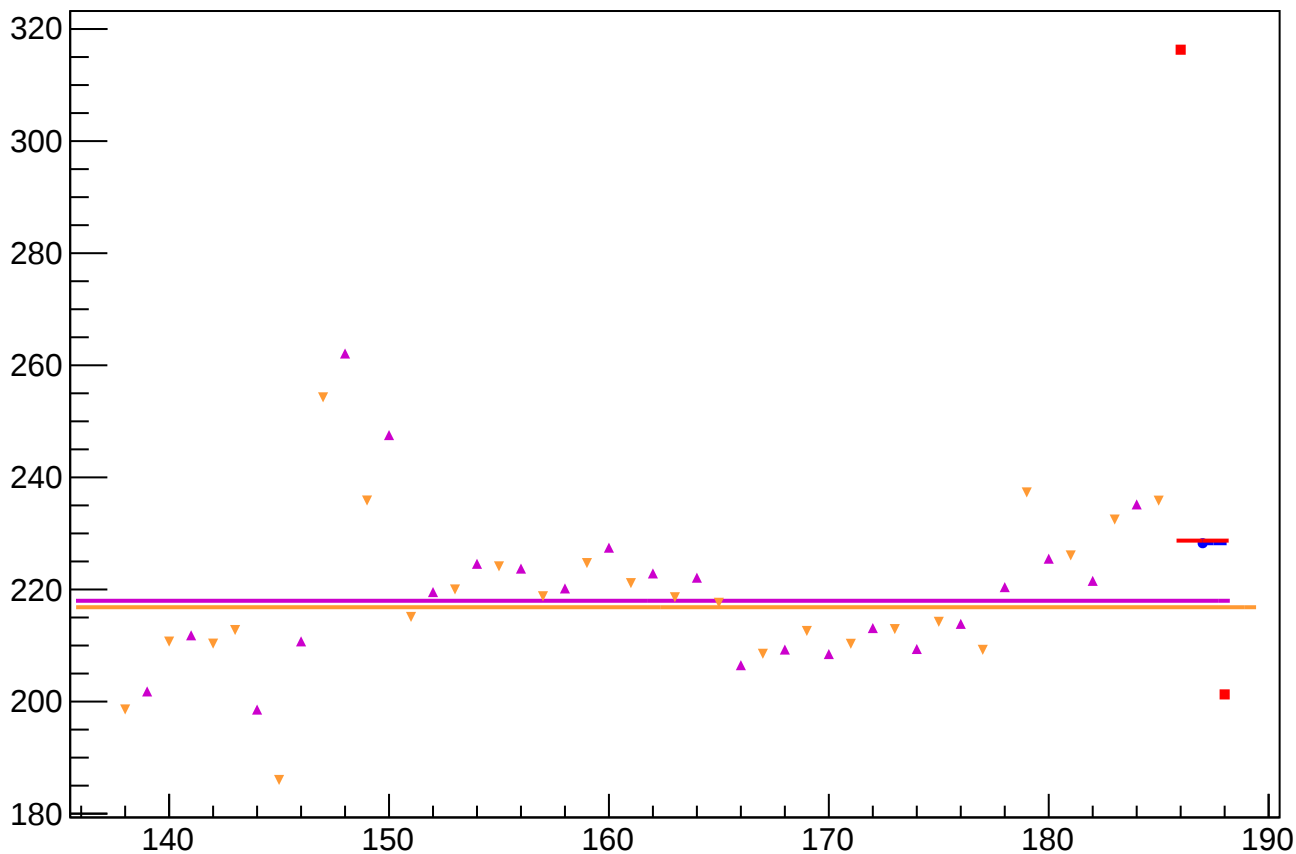
Left In: 222.676+/-52.013 χ^2/NDF : 20.9/22

+ sign -275.693+/-50.496 χ^2/NDF : 27.4/25

All: -35.635+/-35.856 χ^2/NDF : 96.0/50

- sign 208.509+/-50.924 χ^2/NDF : 22.9/24

dit_asym_sam_26_dd_rms vs Slug



Right In: 228.251 ± 0.416 χ^2/NDF : 0.0/0

Left Out: 216.832 ± 0.036 χ^2/NDF : 137568.7/24

Right Out: 228.718 ± 0.177 χ^2/NDF : 76850.4/1

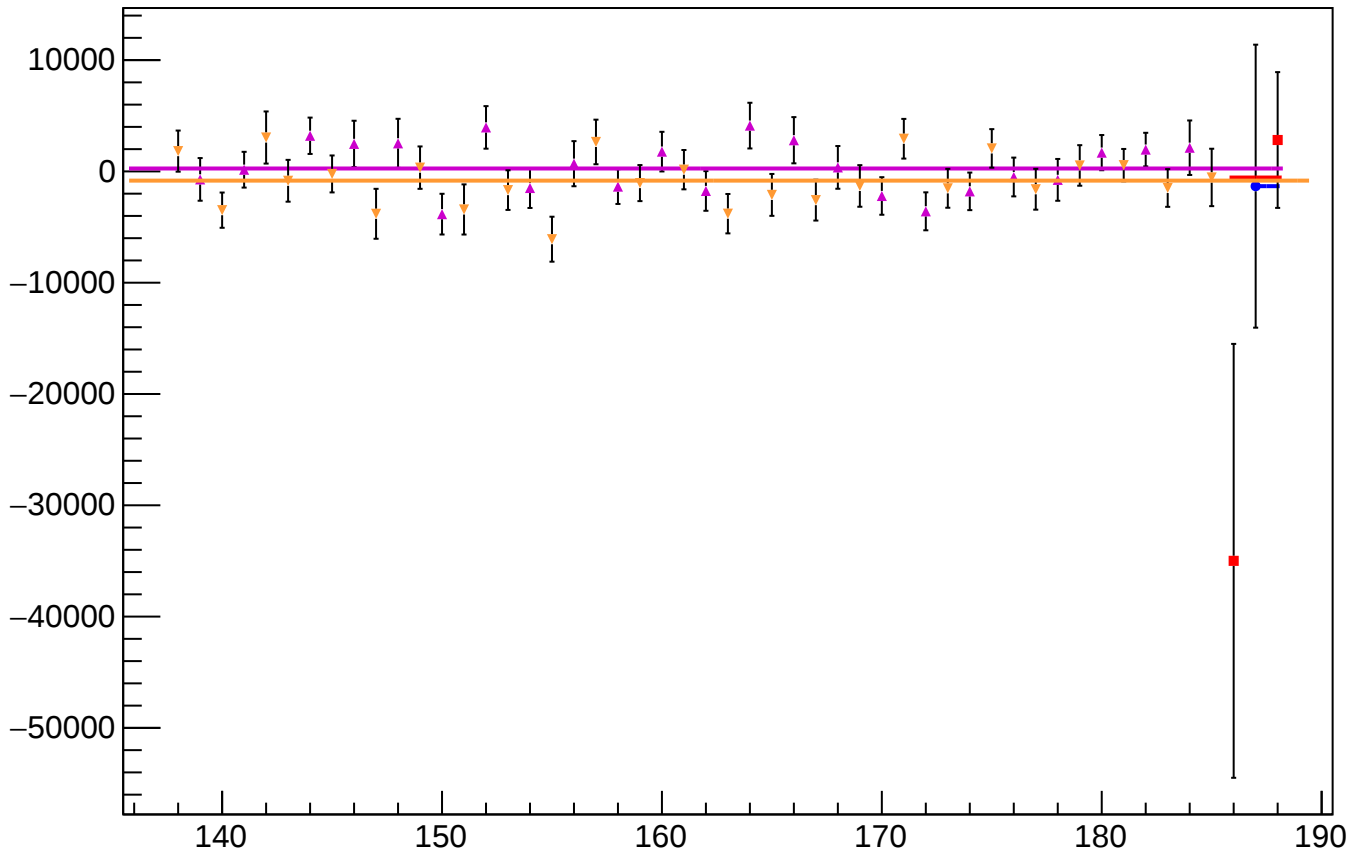
Left In: 217.985 ± 0.037 χ^2/NDF : 126459.7/22

+ sign 216.916 ± 0.036 χ^2/NDF : 138315.7/25

All: 217.666 ± 0.025 χ^2/NDF : 346047.4/50

- sign 218.430 ± 0.036 χ^2/NDF : 206840.7/24

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: -551.275 ± 5821.345 χ^2/NDF : 3.4/1

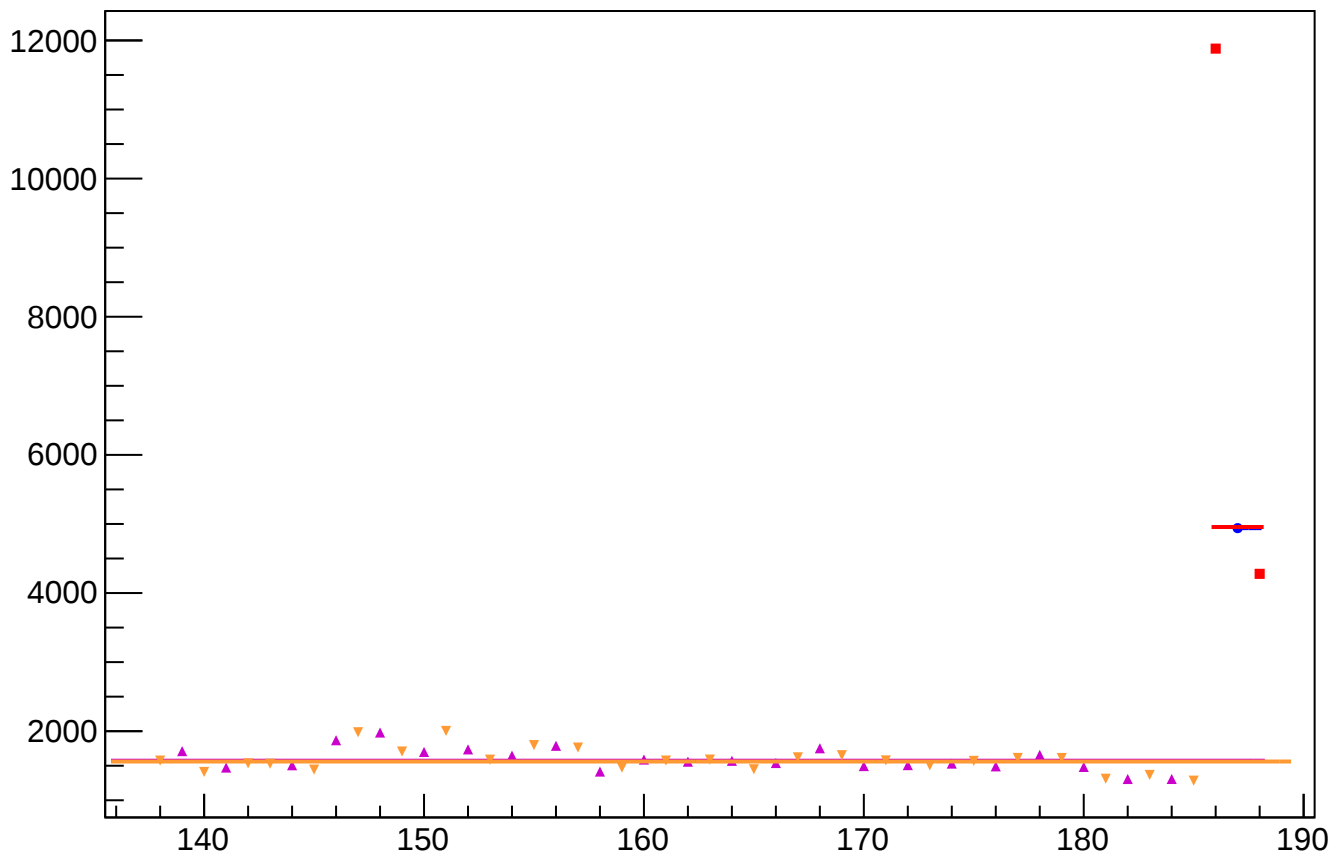
Left In: 261.143 ± 376.738 χ^2/NDF : 35.4/22

+ sign -828.039 ± 366.617 χ^2/NDF : 35.0/25

All: -298.790 ± 262.475 χ^2/NDF : 78.2/50

- sign 257.754 ± 375.951 χ^2/NDF : 38.9/24

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: 4955.890 $\pm$ 4.116 χ^2 /NDF: 277168.6/1

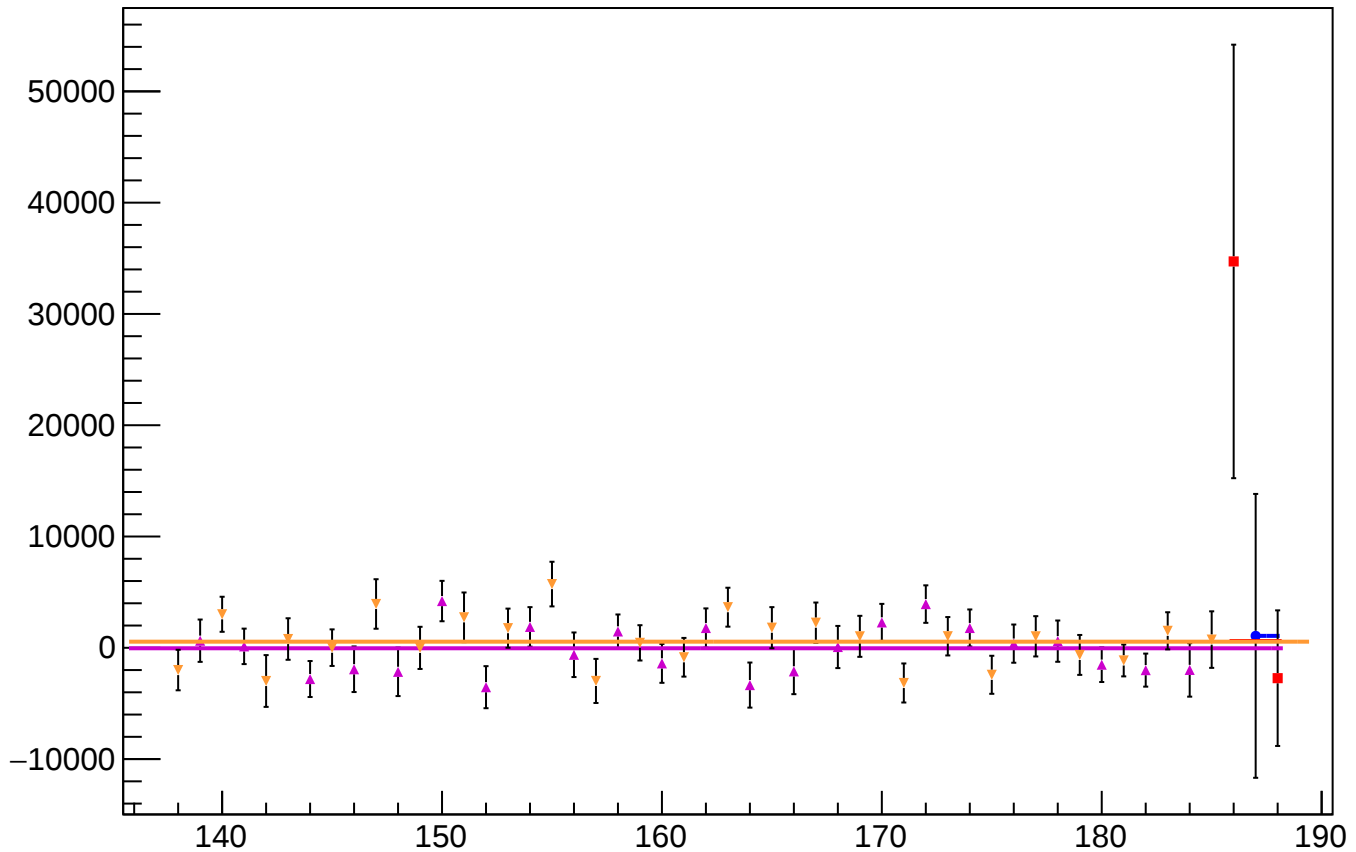
Left In: 1572.605 $\pm$ 0.266 χ^2 /NDF: 327717.1/22

+ sign 1563.901 $\pm$ 0.259 χ^2 /NDF: 512906.9/25

All: 1575.021 $\pm$ 0.186 χ^2 /NDF: 1794305.1/50

- sign 1586.716 $\pm$ 0.266 χ^2 /NDF: 1277622.8/24

asym_sam_26_dd_mean vs Slug



Right In: 1071.971+/-12754.068 χ^2/NDF : 0.0/0

Left Out: 550.093+/-362.172 χ^2/NDF : 35.6/24

Right Out: 608.915+/-5815.206 χ^2/NDF : 3.4/1

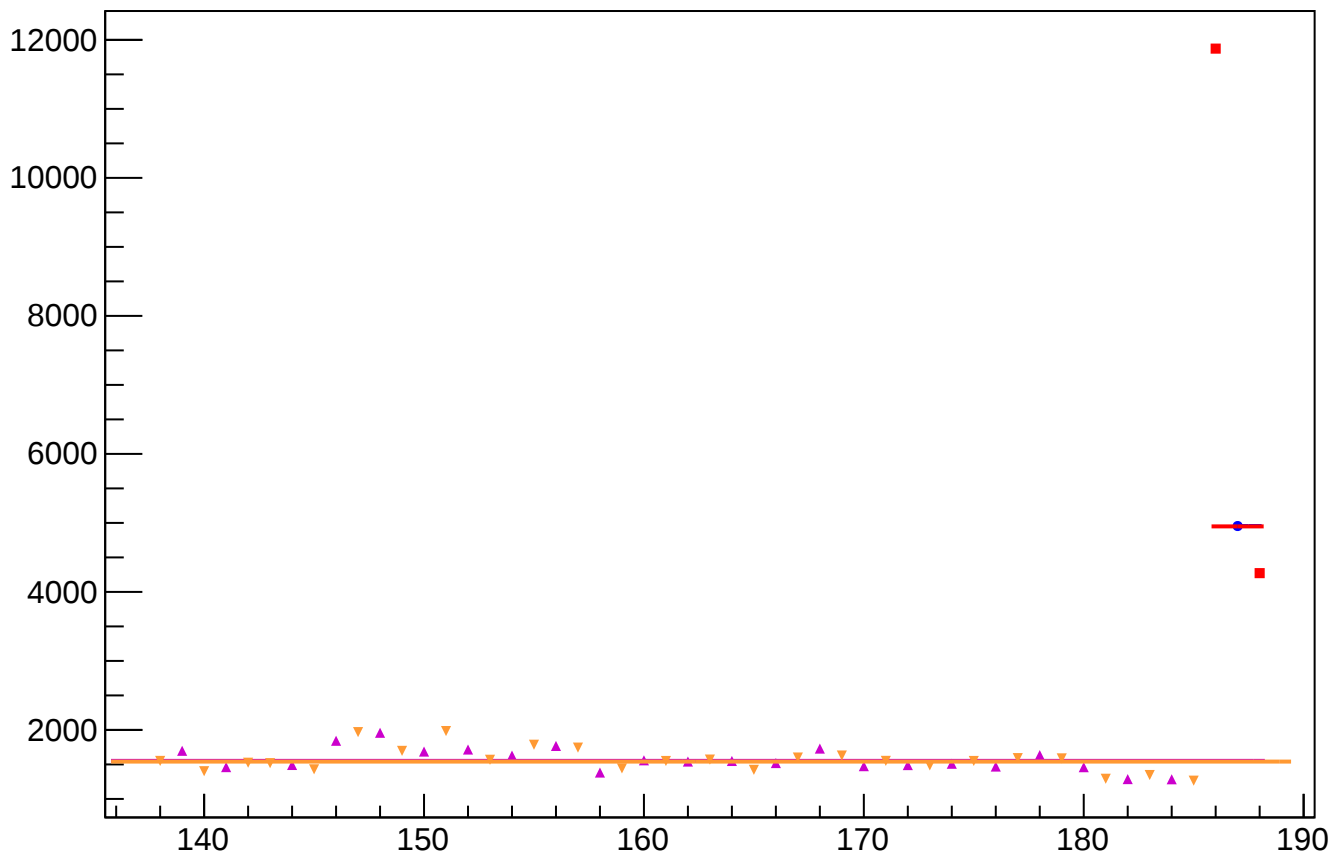
Left In: -43.949+/-371.765 χ^2/NDF : 33.5/22

+ sign 550.514+/-362.026 χ^2/NDF : 35.6/25

All: 261.861+/-259.108 χ^2/NDF : 73.8/50

- sign -41.291+/-371.008 χ^2/NDF : 36.9/24

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: 4949.603+/-4.112 χ^2 /NDF: 277431.5/1

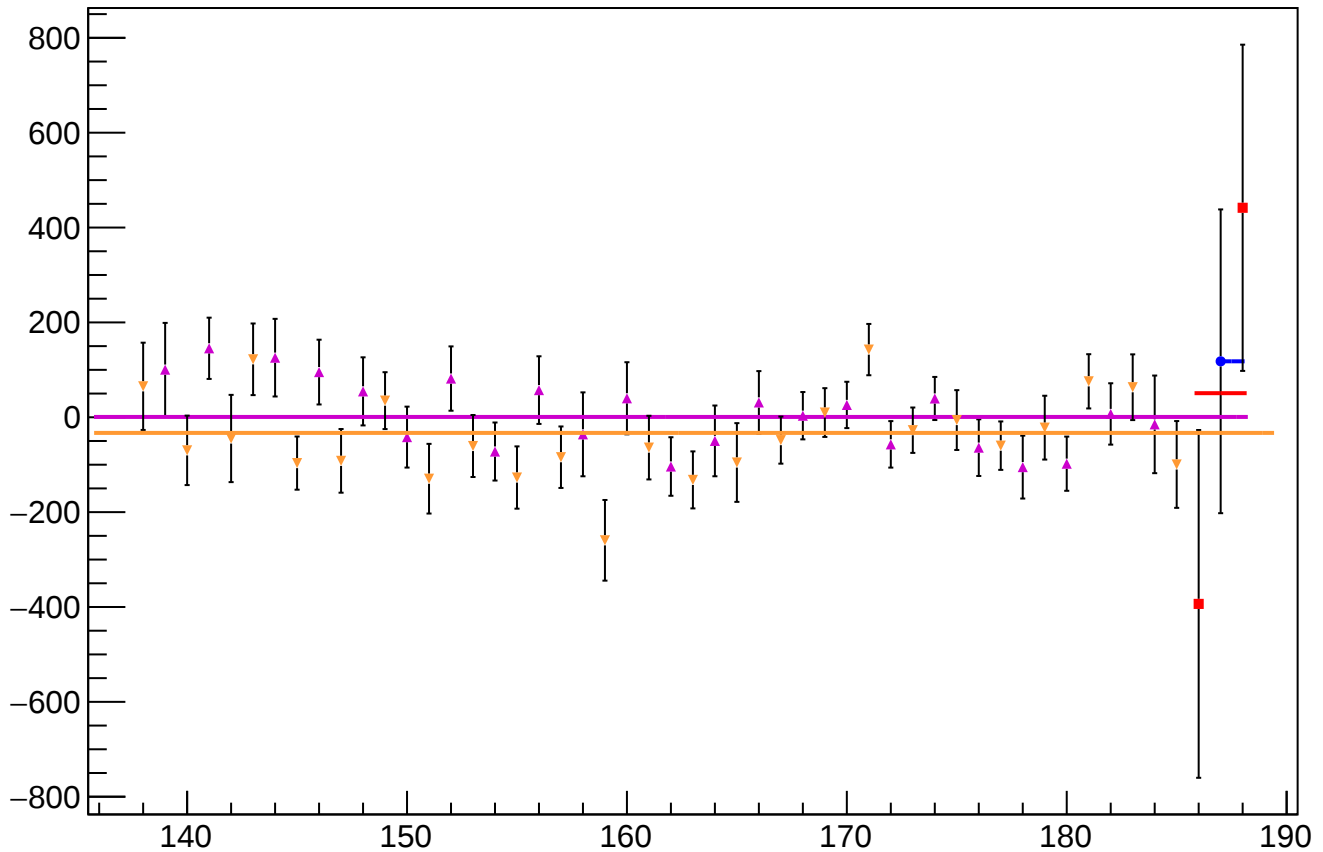
Left In: 1551.481+/-0.263 χ^2 /NDF: 339002.9/22

+ sign 1543.899+/-0.256 χ^2 /NDF: 525224.2/25

All: 1554.343+/-0.183 χ^2 /NDF: 1825224.0/50

- sign 1565.312+/-0.262 χ^2 /NDF: 1296586.9/24

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: 50.805 $\pm$ 250.826 χ^2 /NDF: 2.8/1

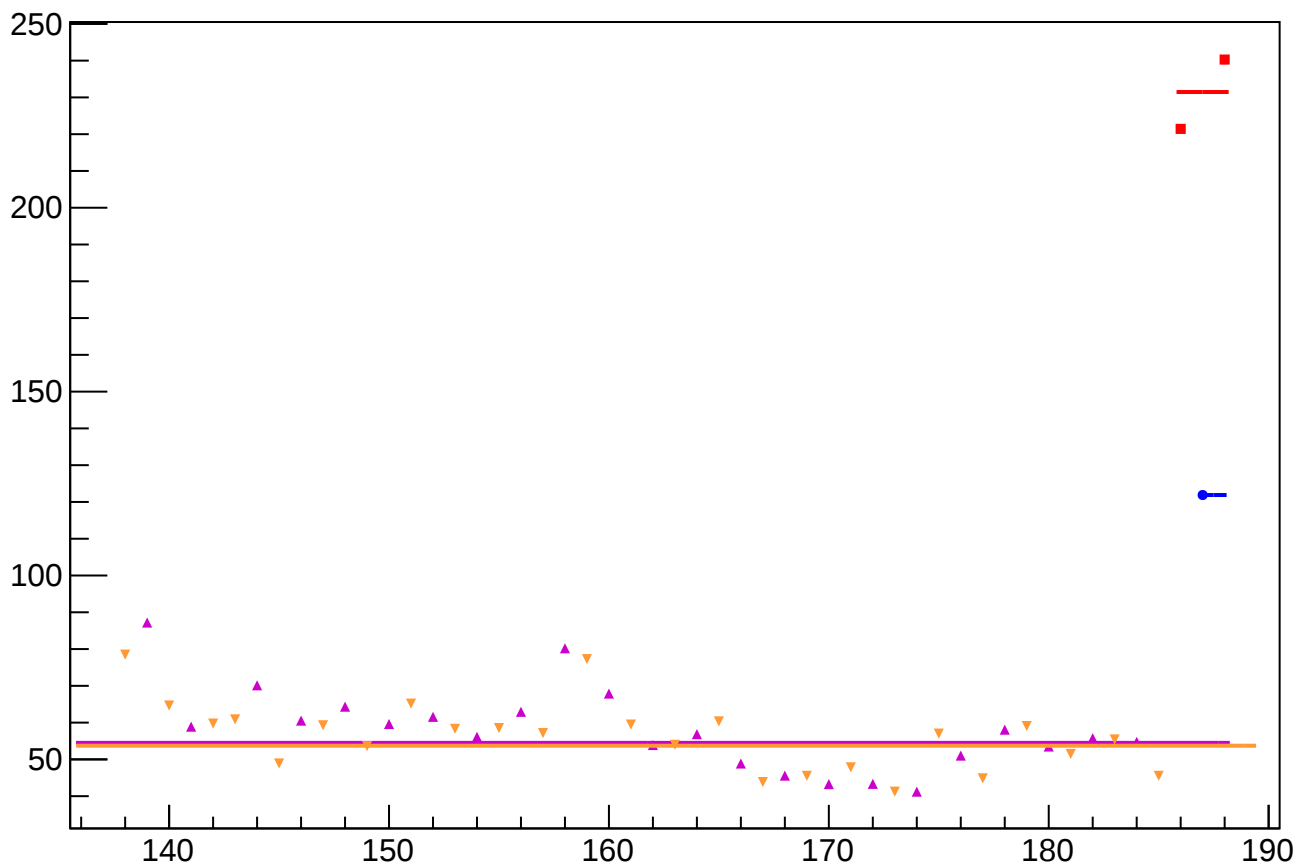
Left In: 0.712 $\pm$ 13.285 χ^2 /NDF:27.9/22

+ sign -32.712 $\pm$ 12.750 χ^2 /NDF: 42.3/25

All: -16.596 $\pm$ 9.193 χ^2 /NDF: 76.3/50

- sign 0.852 $\pm$ 13.267 χ^2 /NDF: 30.7/24

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: 231.467 $\pm$ 0.177 χ^2 /NDF: 2811.7/1

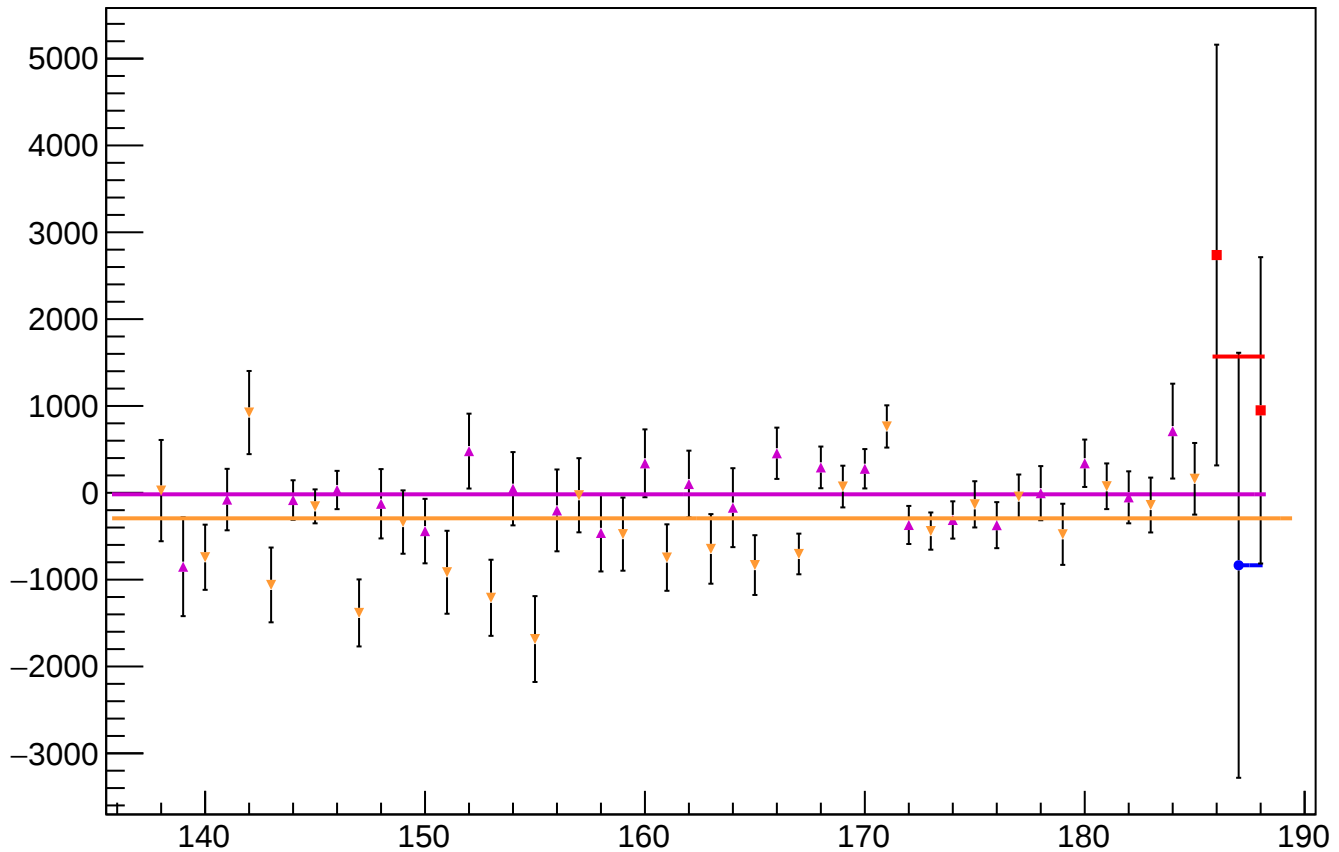
Left In: 54.493 $\pm$ 0.009 χ^2 /NDF: 1125242.8/22

+ sign 53.826 $\pm$ 0.009 χ^2 /NDF: 979451.2/25

All: 54.384 $\pm$ 0.007 χ^2 /NDF: 3108348.6/50

- sign 54.988 $\pm$ 0.009 χ^2 /NDF: 2120921.1/24

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: 1569.191+/-1425.889 χ^2/NDF : 0.4/1

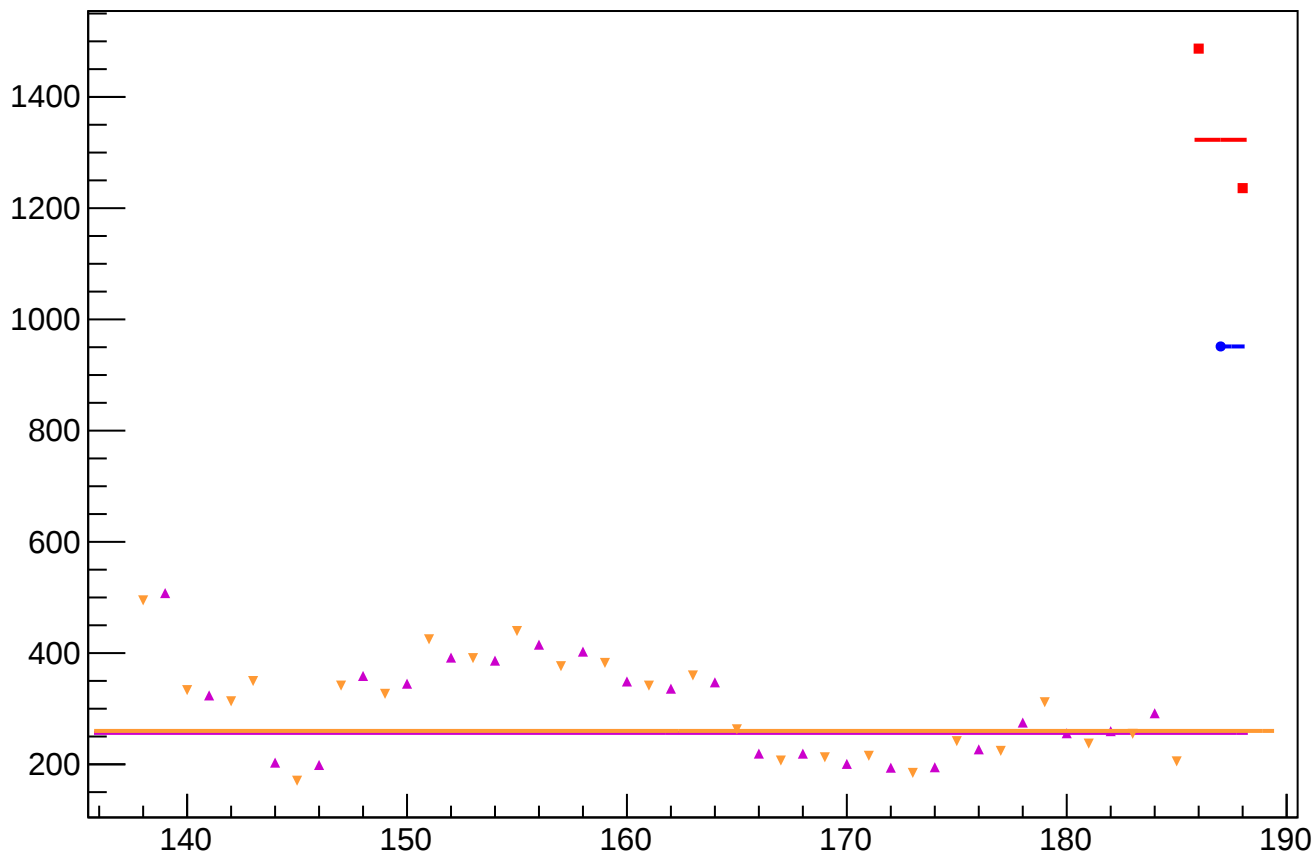
Left In: -17.348+/-63.696 χ^2/NDF : 22.9/22

+ sign -294.126+/-63.392 χ^2/NDF : 68.8/25

All: -154.687+/-44.910 χ^2/NDF : 103.1/50

- sign -14.189+/-63.633 χ^2/NDF : 24.5/24

asym_sam_37_dd_correction_rms vs Slug



Right In: 951.368 $\pm$ 1.730 χ^2 /NDF: 0.0/0

Left Out: 260.060 $\pm$ 0.045 χ^2 /NDF: 2940002.9/24

Right Out: 1322.962 $\pm$ 1.008 χ^2 /NDF: 14014.4/1

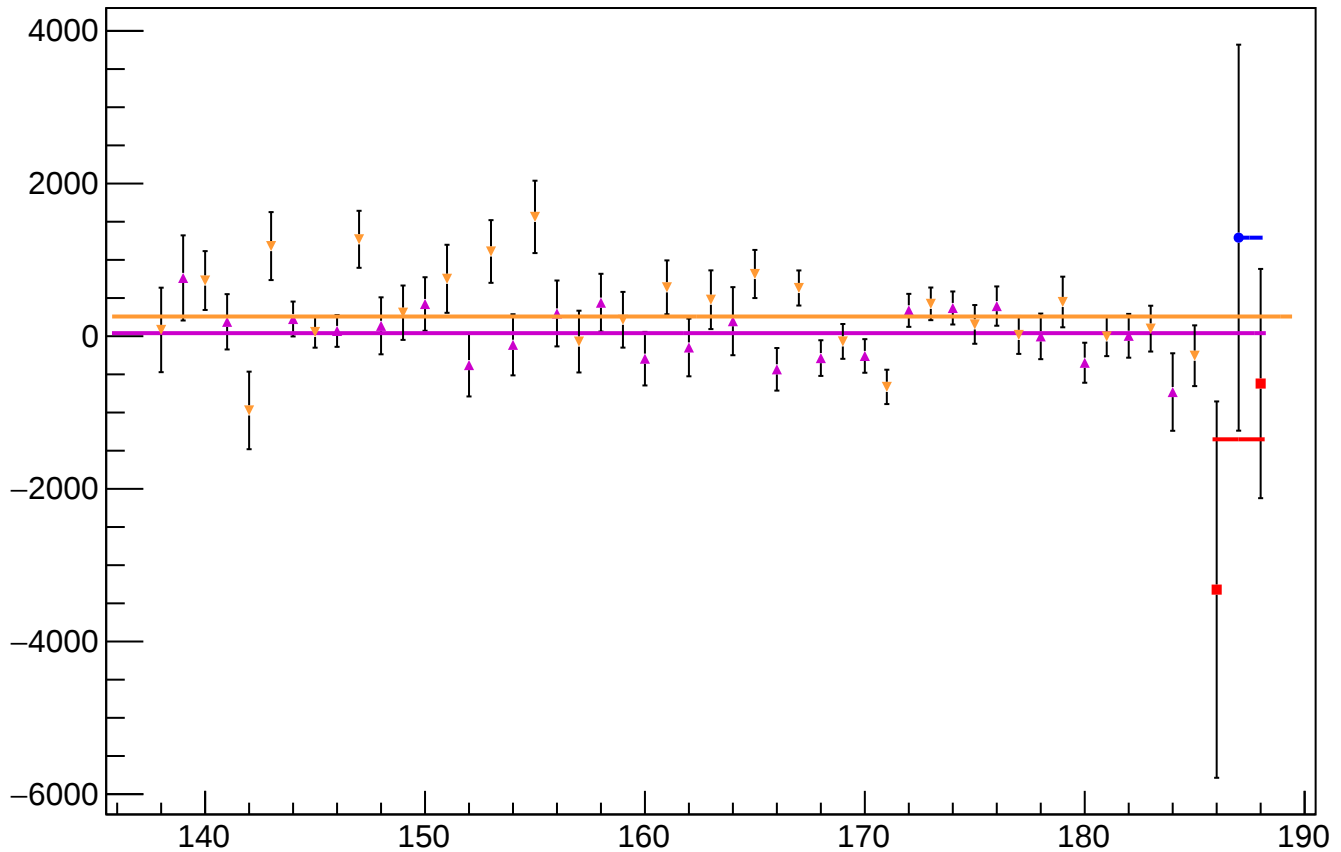
Left In: 256.513 $\pm$ 0.045 χ^2 /NDF: 2632966.2/22

+ sign 260.524 $\pm$ 0.045 χ^2 /NDF: 3099490.9/25

All: 259.584 $\pm$ 0.032 χ^2 /NDF: 6863889.8/50

- sign 258.637 $\pm$ 0.045 χ^2 /NDF: 3763516.5/24

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: -1350.848 $\pm$ 1282.570 χ^2 /NDF: 0.9/1

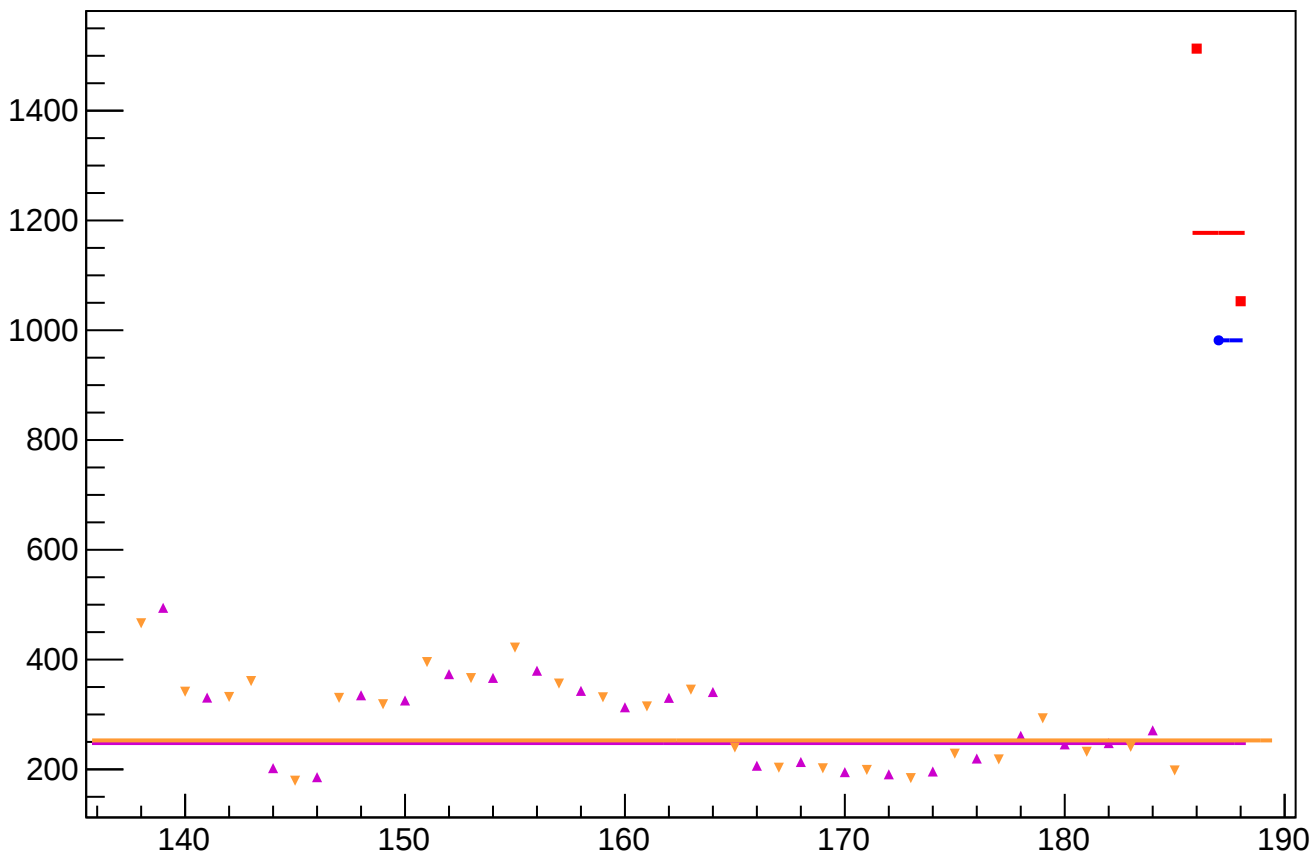
Left In: 40.015 $\pm$ 61.495 χ^2 /NDF:25.0/22

+ sign 258.654 $\pm$ 61.469 χ^2 /NDF: 65.2/25

All: 147.659 $\pm$ 43.450 χ^2 /NDF: 98.8/50

- sign 36.825 $\pm$ 61.425 χ^2 /NDF: 27.1/24

asym_sam_37_dd_rms vs Slug



Right In: 981.598+/-1.788 χ^2/NDF : 0.0/0

Left Out: 252.721+/-0.043 χ^2/NDF : 2648800.3/24

Right Out: 1177.388+/-0.907 χ^2/NDF : 50819.4/1

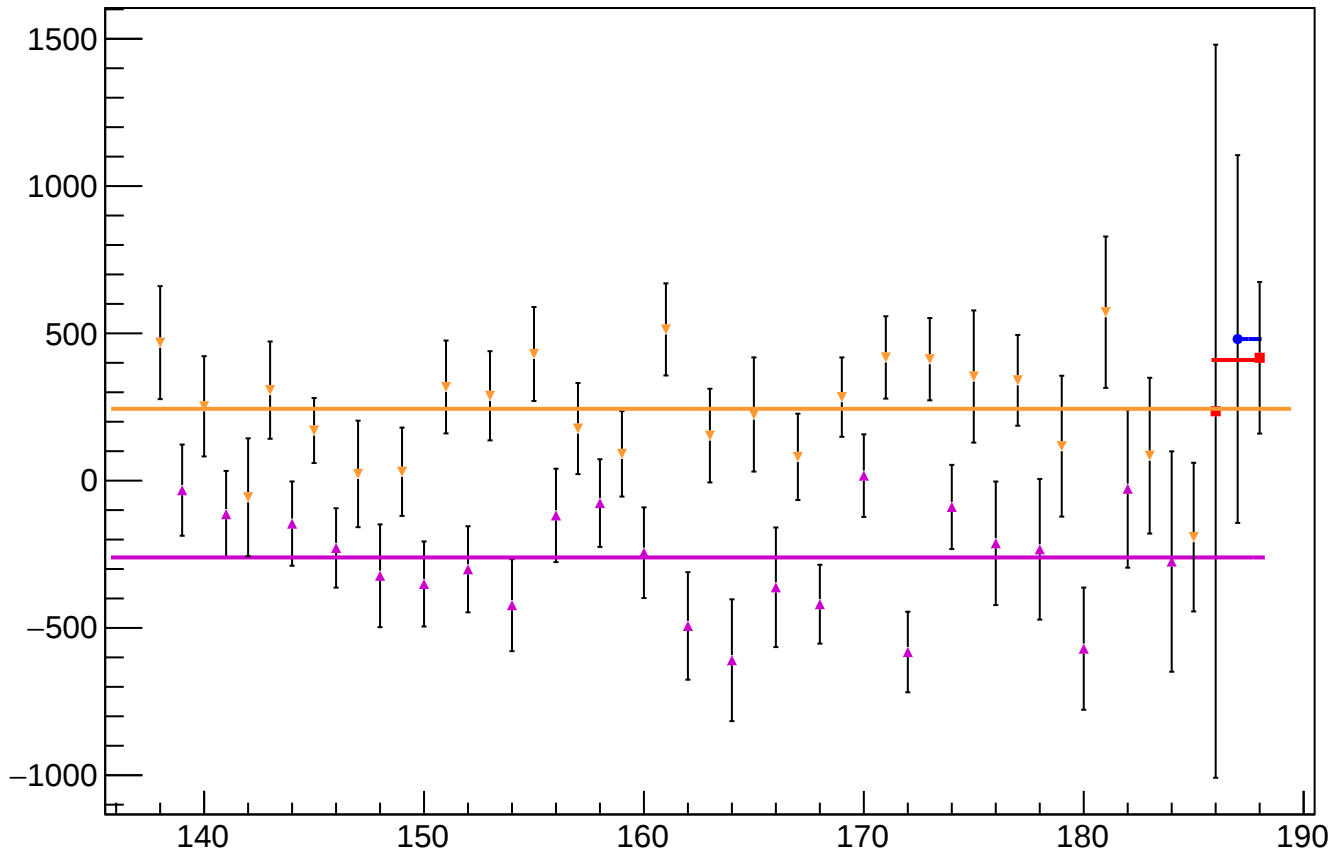
Left In: 247.919+/-0.043 χ^2/NDF : 2374698.8/22

+ sign 253.151+/-0.043 χ^2/NDF : 2814877.0/25

All: 251.600+/-0.031 χ^2/NDF : 6290893.9/50

- sign 250.050+/-0.043 χ^2/NDF : 3473470.1/24

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: 409.636 $\pm$ 252.075 χ^2 /NDF: 0.0/1

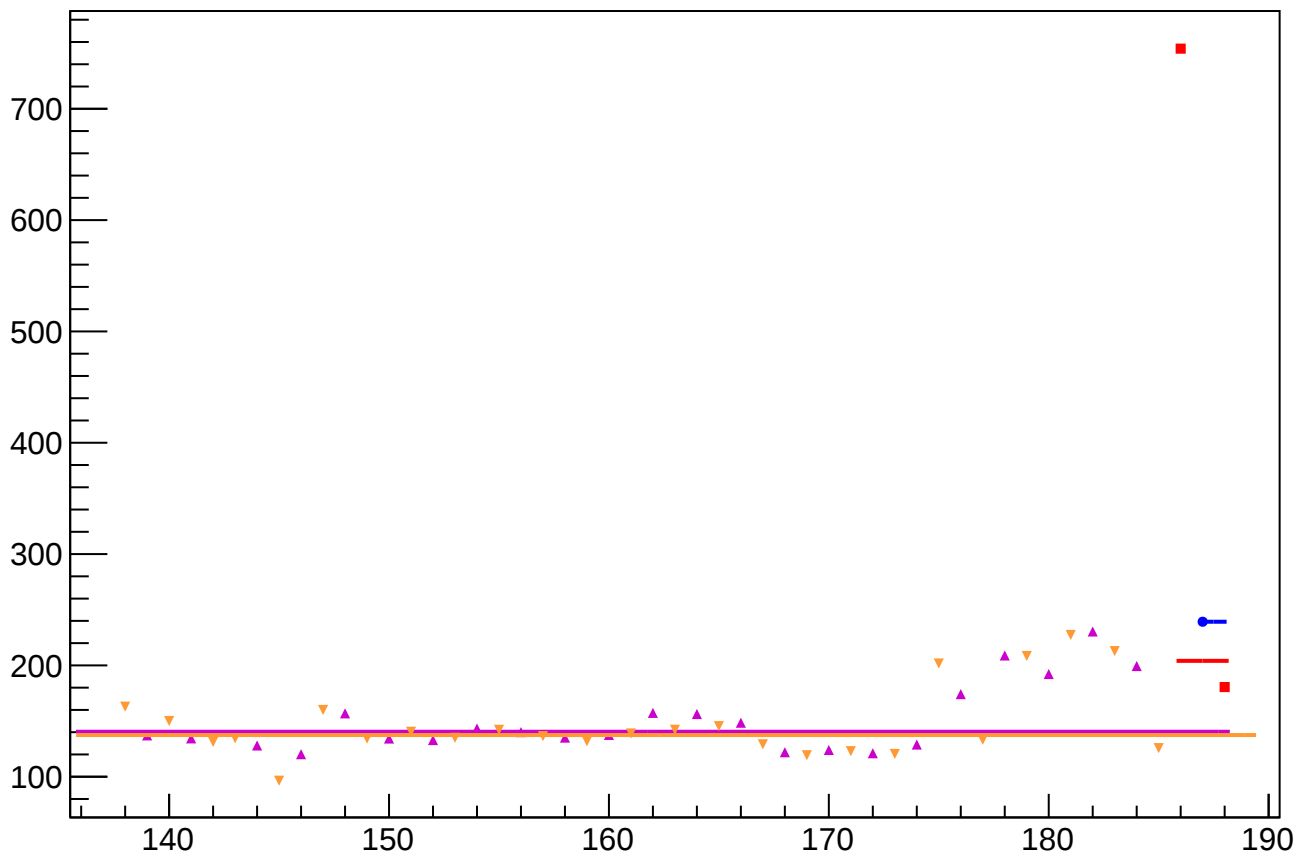
Left In: -260.732 $\pm$ 34.112 χ^2 /NDF:28.0/22

+ sign 244.542 $\pm$ 32.765 χ^2 /NDF: 24.4/25

All: 5.628 $\pm$ 23.527 χ^2 /NDF: 169.1/50

- sign -248.677 $\pm$ 33.803 χ^2 /NDF: 34.9/24

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: 204.080 $\pm$ 0.178 χ^2 /NDF: 407320.1/1

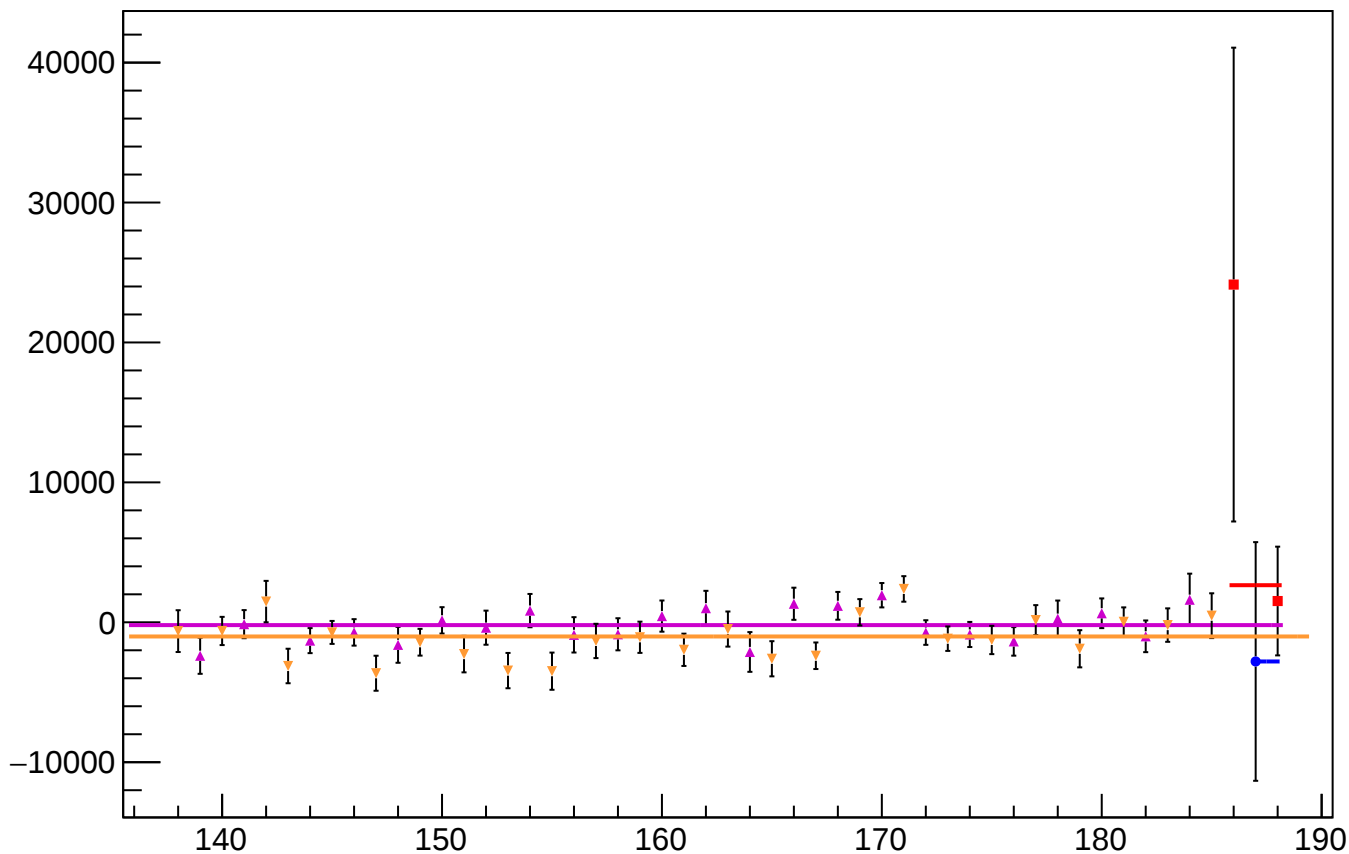
Left In: 140.398 $\pm$ 0.024 χ^2 /NDF:862043.6/22

+ sign 137.710 $\pm$ 0.023 χ^2 /NDF: 1268918.3/25

All: 139.567 $\pm$ 0.017 χ^2 /NDF: 2676892.3/50

- sign 141.543 $\pm$ 0.024 χ^2 /NDF: 1394713.6/24

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: 2651.292 ± 3787.003 χ^2/NDF : 1.7/1

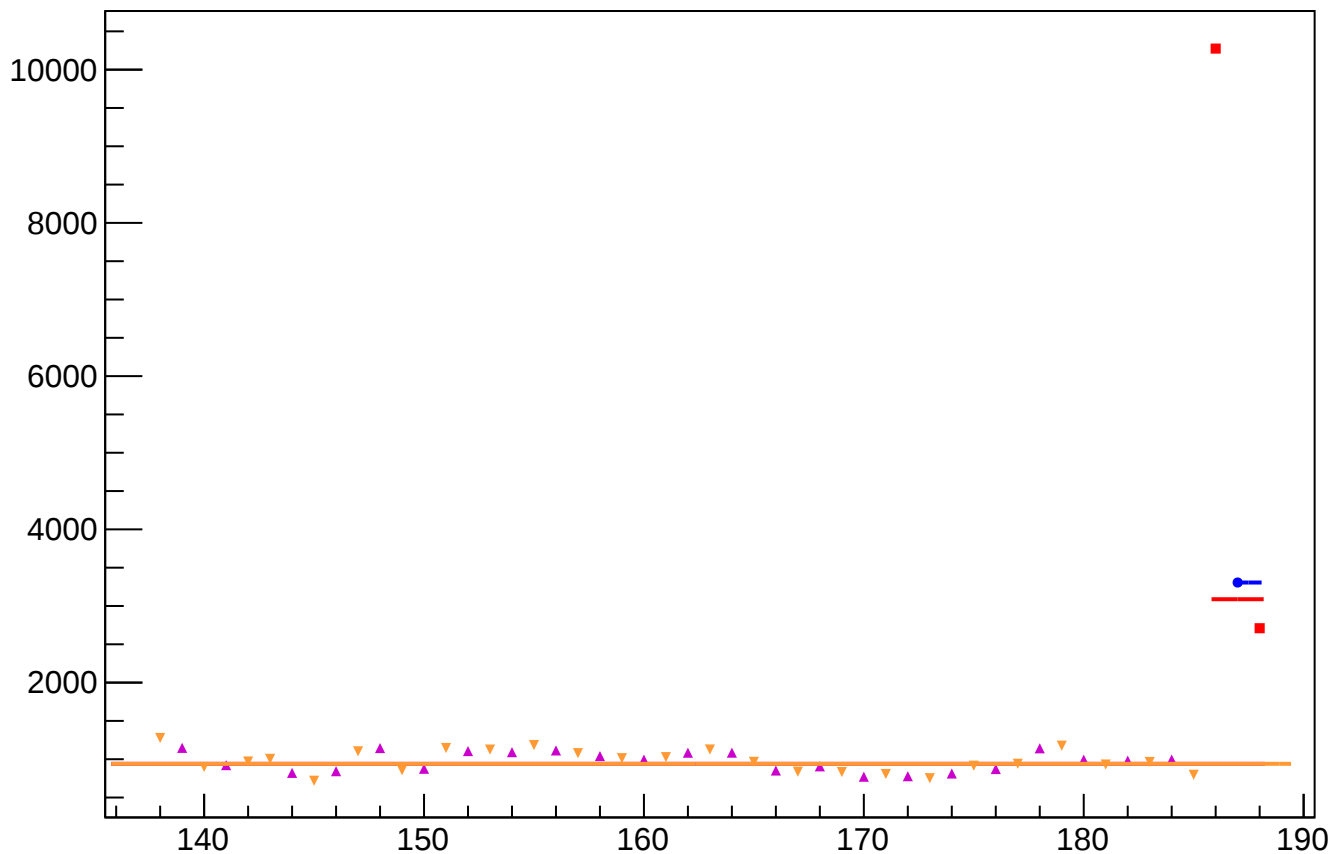
Left In: -200.935 ± 226.129 χ^2/NDF : 24.7/22

+ sign -1014.732 ± 222.220 χ^2/NDF : 44.9/25

All: -609.218 ± 158.359 χ^2/NDF : 78.6/50

- sign -190.802 ± 225.727 χ^2/NDF : 27.0/24

asym_sam_48_dd_correction_rms vs Slug



Right In: 3306.219 $\pm$ 6.031 χ^2 /NDF: 0.0/0

Left Out: 940.110 $\pm$ 0.157 χ^2 /NDF: 824426.6/24

Right Out: 3088.213 $\pm$ 2.678 χ^2 /NDF: 379304.9/1

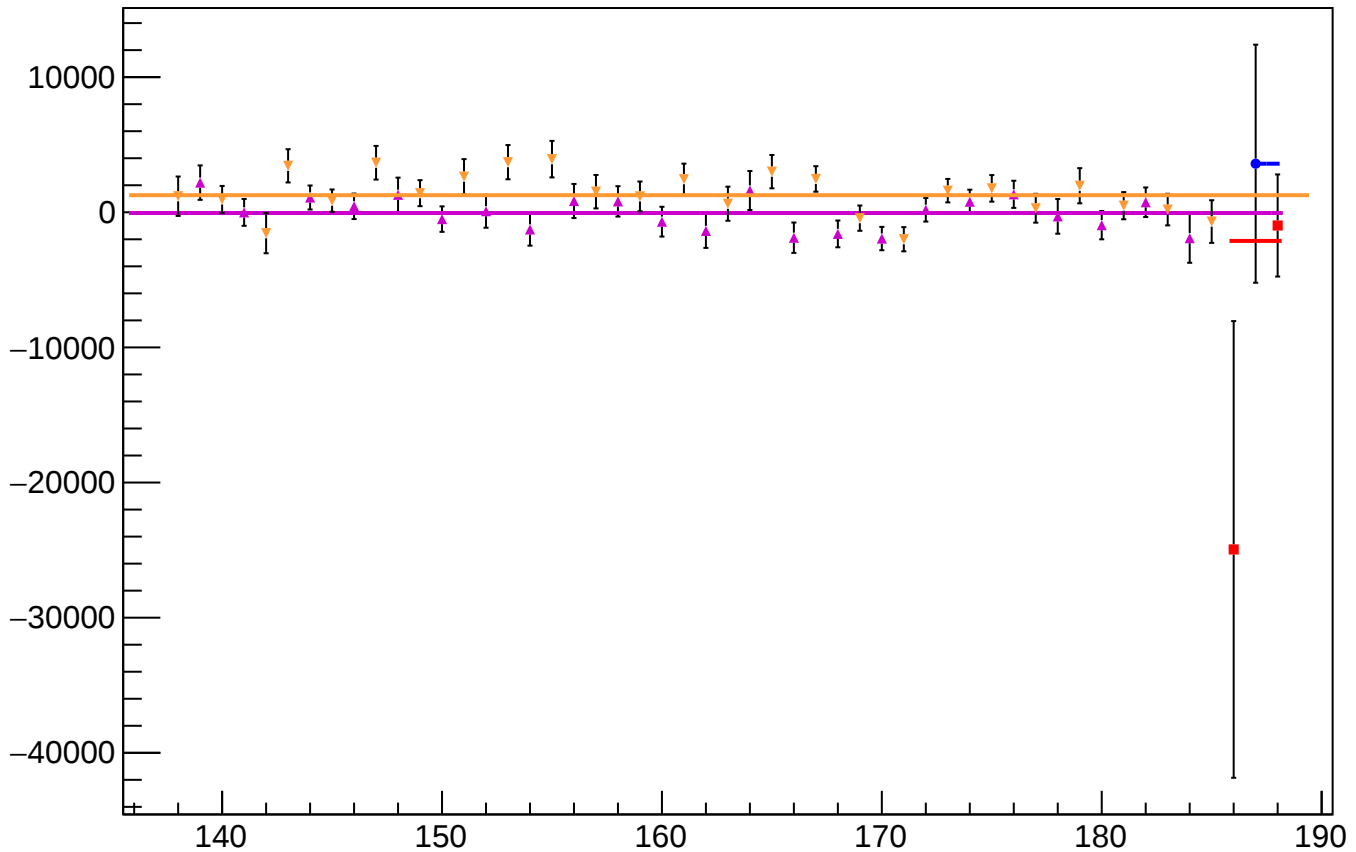
Left In: 939.323 $\pm$ 0.160 χ^2 /NDF: 609694.0/22

+ sign 941.716 $\pm$ 0.157 χ^2 /NDF: 978263.8/25

All: 944.296 $\pm$ 0.112 χ^2 /NDF: 2609494.4/50

- sign 946.957 $\pm$ 0.160 χ^2 /NDF: 1630683.0/24

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: -2119.387 $\pm$ 3687.624 χ^2 /NDF: 1.9/1

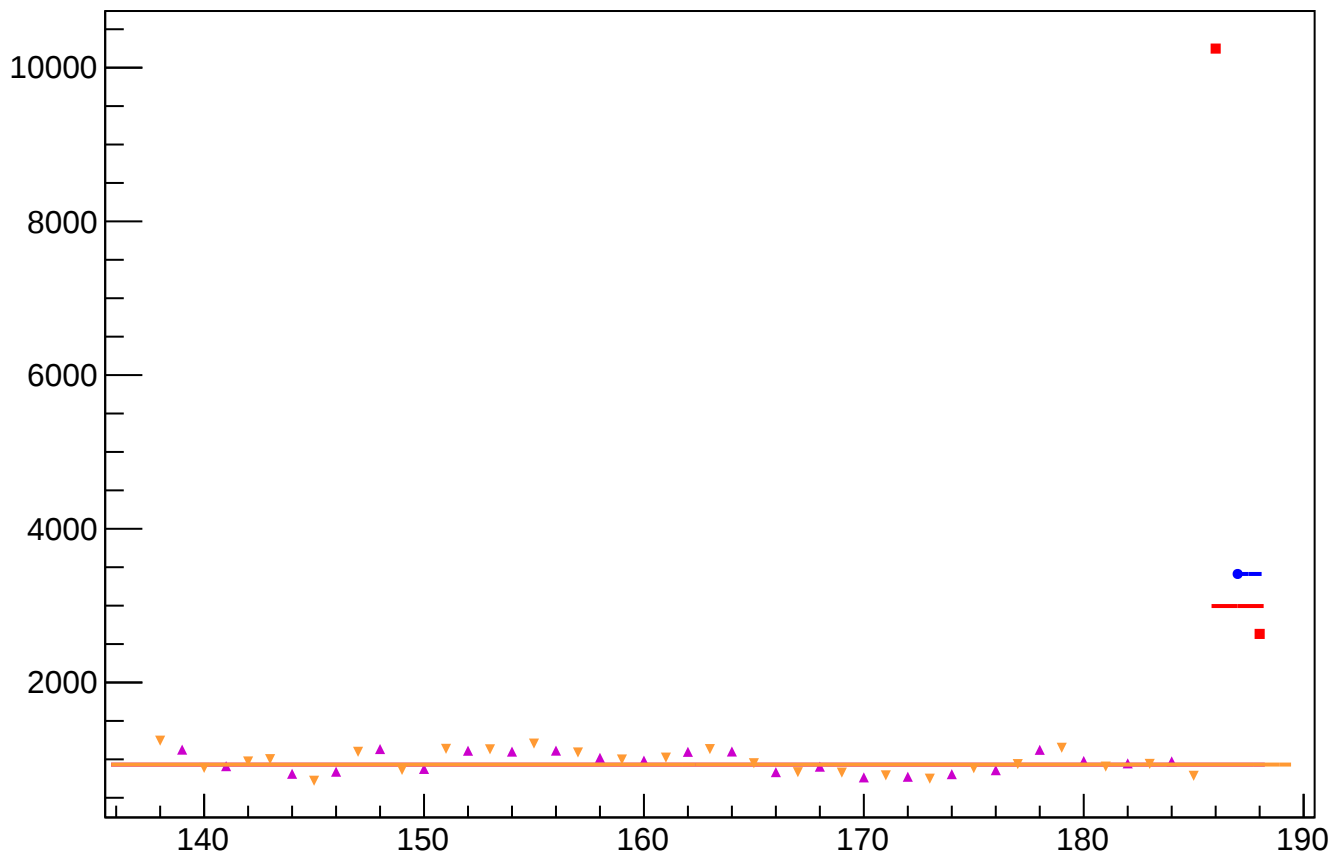
Left In: -53.940 $\pm$ 224.371 χ^2 /NDF:26.4/22

+ sign 1266.400 $\pm$ 220.557 χ^2 /NDF: 45.6/25

All: 612.578 $\pm$ 157.145 χ^2 /NDF: 92.1/50

- sign -61.558 $\pm$ 223.957 χ^2 /NDF: 28.6/24

asym_sam_48_dd_rms vs Slug



Right In: 3412.225 $\pm$ 6.229 χ^2 /NDF: 0.0/0

Left Out: 932.170 $\pm$ 0.156 χ^2 /NDF: 828733.8/24

Right Out: 2994.826 $\pm$ 2.608 χ^2 /NDF: 386944.9/1

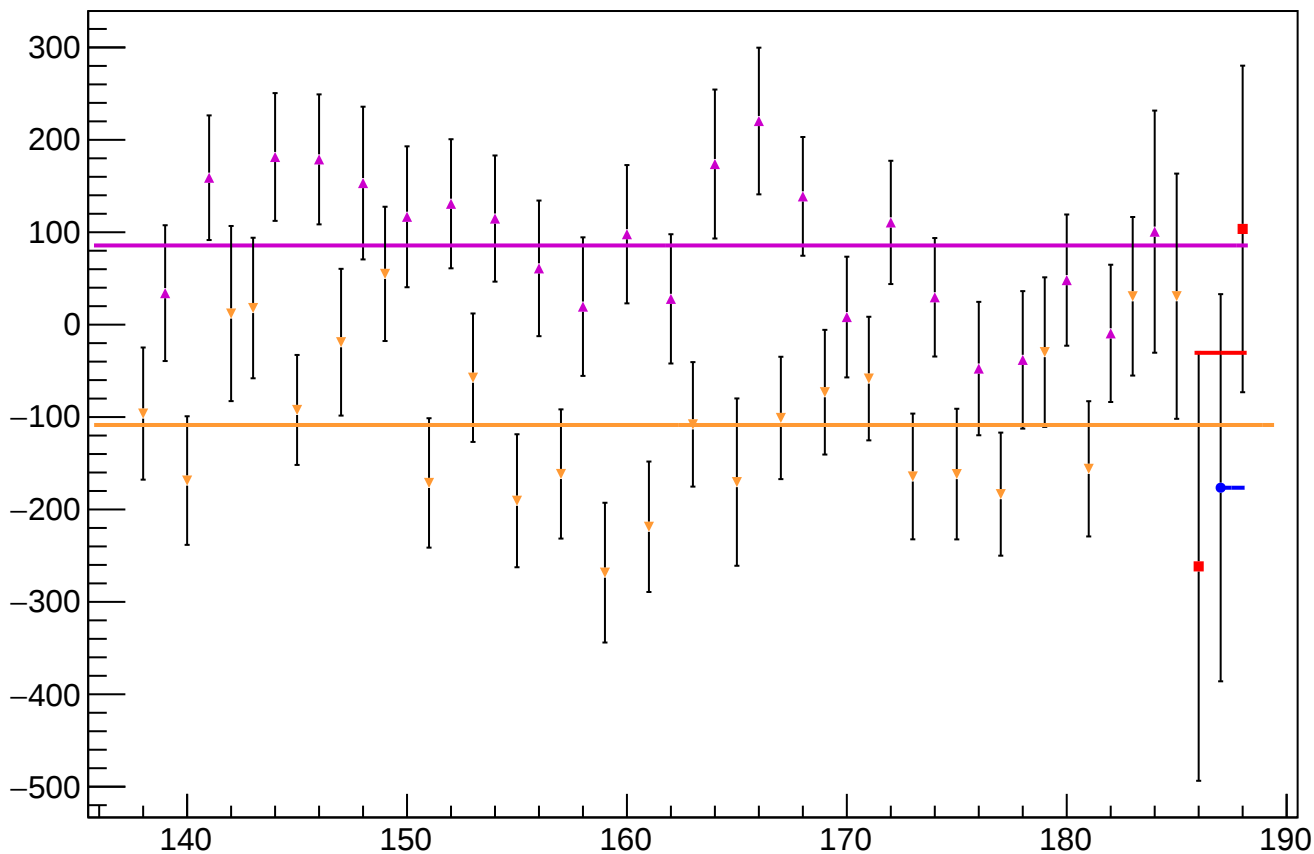
Left In: 930.854 $\pm$ 0.159 χ^2 /NDF: 621985.5/22

+ sign 933.725 $\pm$ 0.156 χ^2 /NDF: 987177.0/25

All: 936.060 $\pm$ 0.111 χ^2 /NDF: 2620785.2/50

- sign 938.467 $\pm$ 0.158 χ^2 /NDF: 1633153.1/24

dit_asym_sam_13_57_dd_mean vs Slug



Right In: -176.474 ± 209.494 χ^2/NDF : 0.0/0

Left Out: -108.572 ± 14.605 χ^2/NDF : 30.6/24

Right Out: -30.460 ± 140.581 χ^2/NDF : 1.6/1

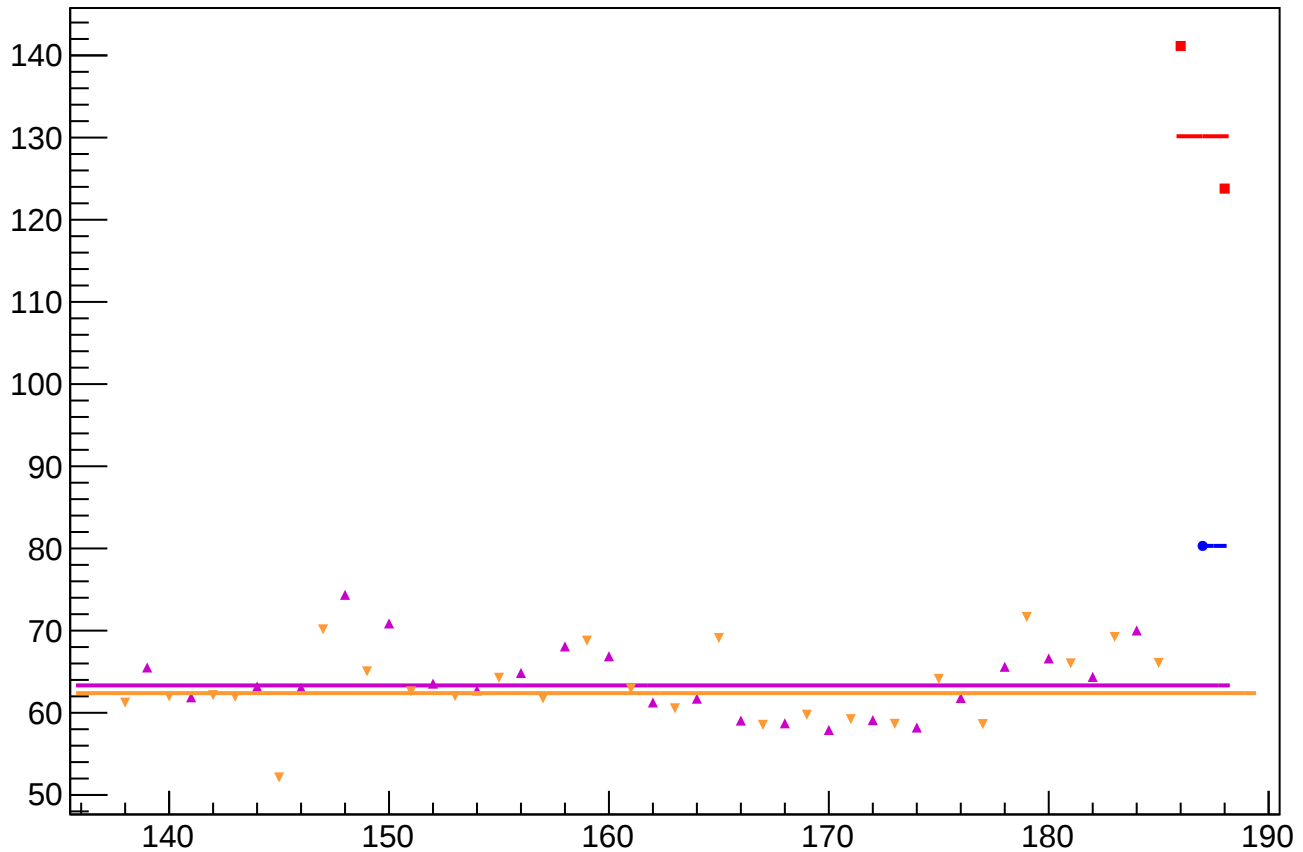
Left In: 85.703 ± 15.129 χ^2/NDF : 23.6/22

+ sign -108.900 ± 14.569 χ^2/NDF : 30.7/25

All: -15.353 ± 10.465 χ^2/NDF : 141.7/50

- sign 84.373 ± 15.043 χ^2/NDF : 25.8/24

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: 130.160 $\pm$ 0.099 χ^2 /NDF: 7077.6/1

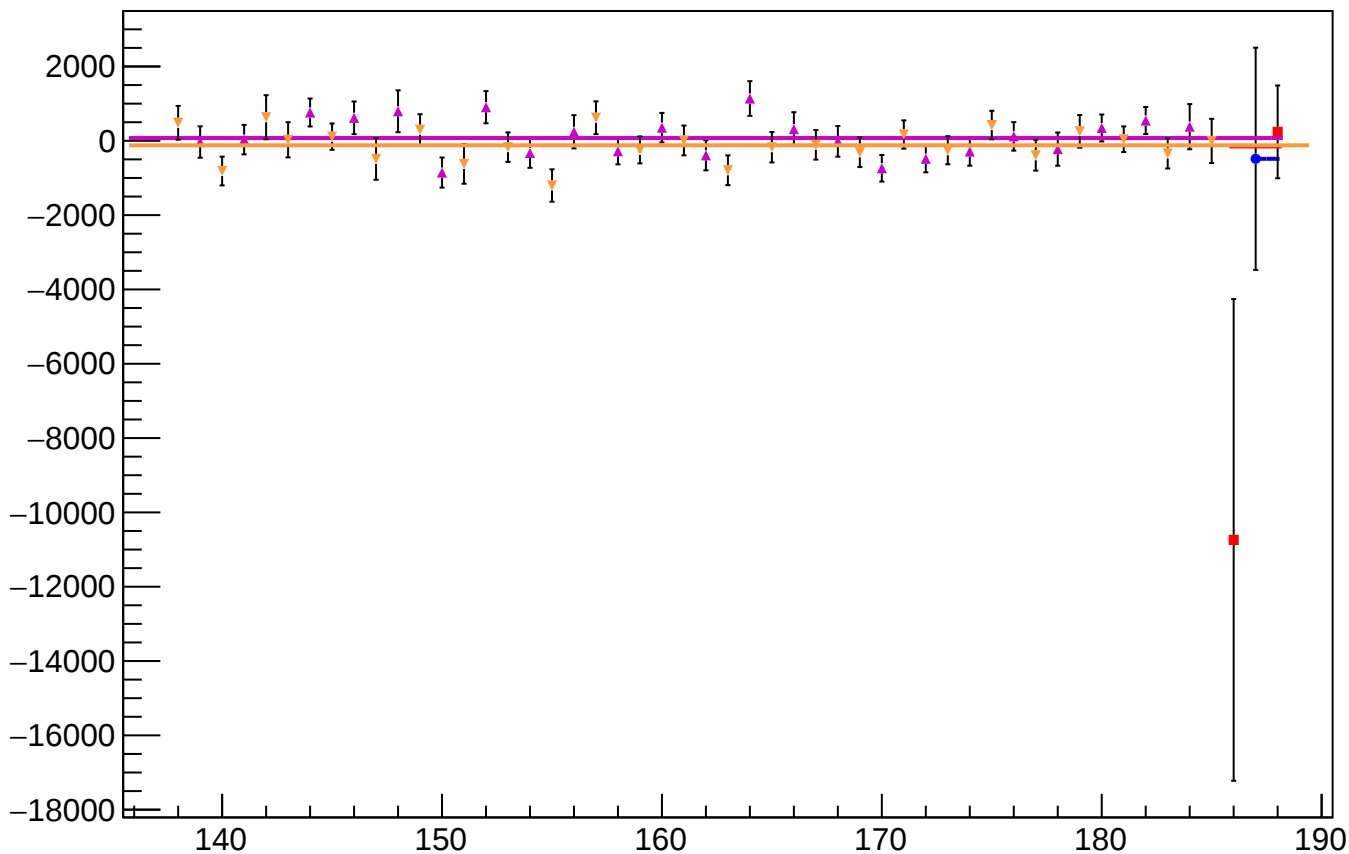
Left In: 63.333 $\pm$ 0.011 χ^2 /NDF: 137299.8/22

+ sign 62.480 $\pm$ 0.010 χ^2 /NDF: 198156.0/25

All: 63.263 $\pm$ 0.007 χ^2 /NDF: 801245.2/50

- sign 64.098 $\pm$ 0.011 χ^2 /NDF: 591147.5/24

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -484.485+/-2990.713 χ^2/NDF : 0.0/0

Left Out: -120.966+/-83.470 χ^2/NDF : 26.1/24

Right Out: -152.099+/-1225.844 χ^2/NDF : 2.8/1

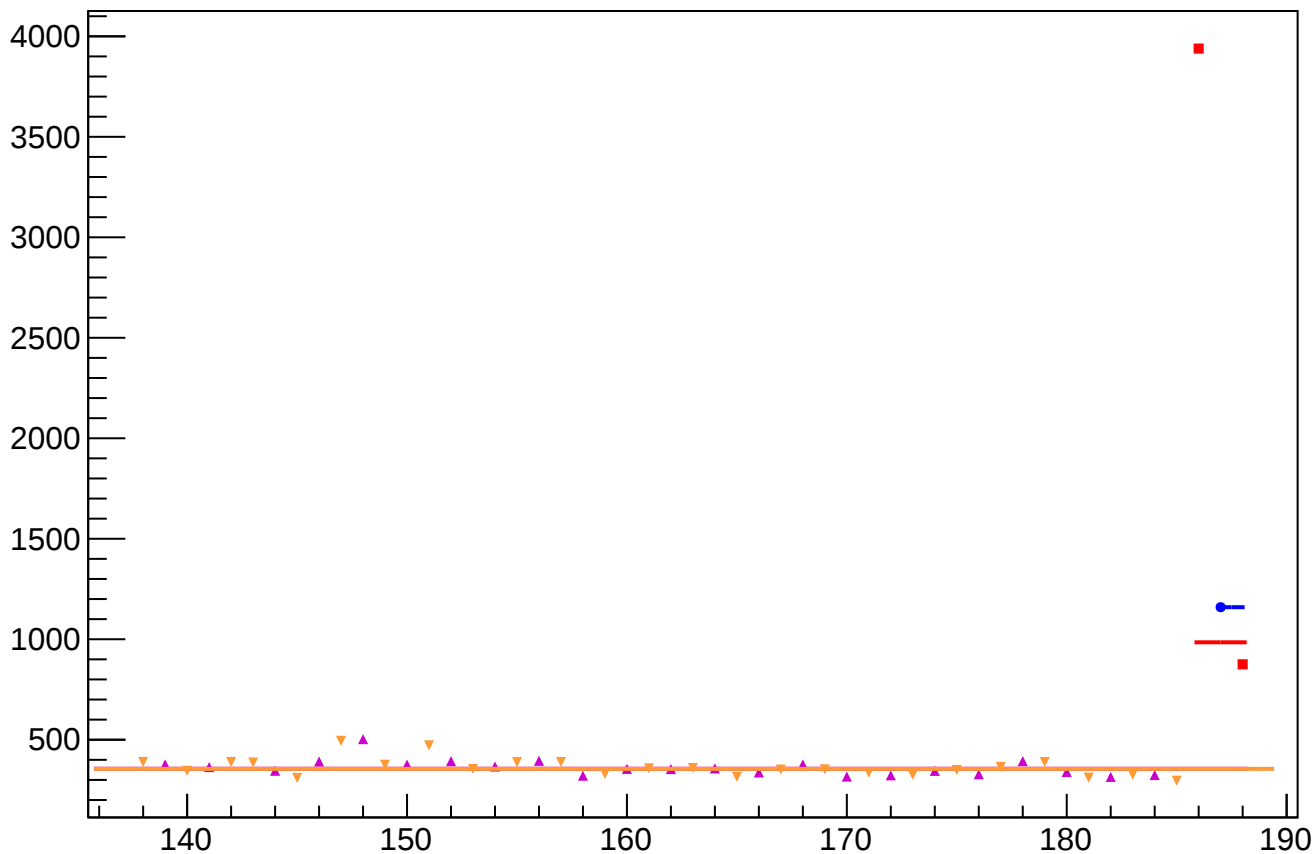
Left In: 74.271+/-85.207 χ^2/NDF : 36.4/22

+ sign -121.249+/-83.438 χ^2/NDF : 26.1/25

All: -25.839+/-59.545 χ^2/NDF : 68.0/50

- sign 73.183+/-85.002 χ^2/NDF : 39.2/24

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: 984.775 $\pm$ 0.867 χ^2 /NDF: 430845.6/1

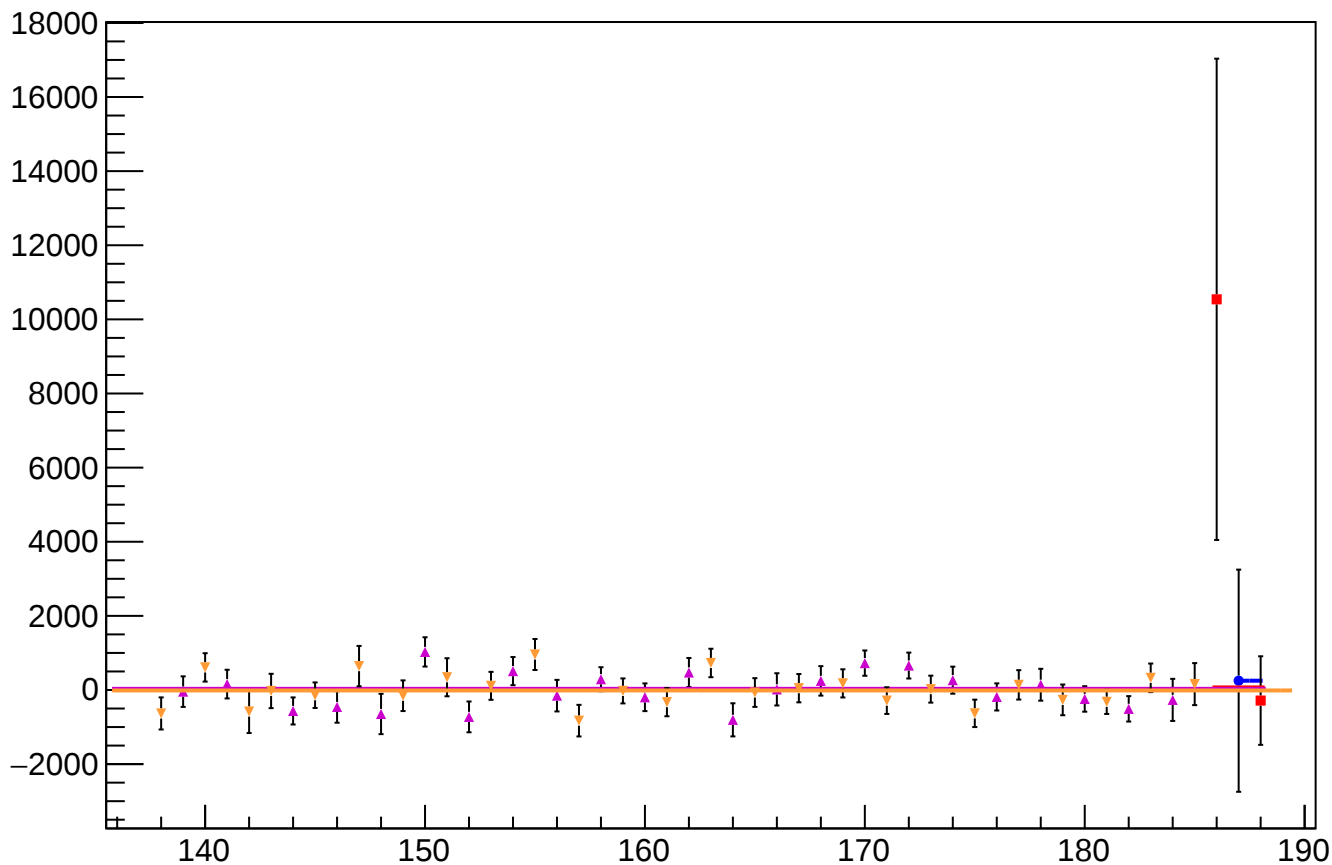
Left In: 355.506 $\pm$ 0.060 χ^2 /NDF: 323168.9/22

+ sign 355.743 $\pm$ 0.059 χ^2 /NDF: 574655.1/25

All: 357.112 $\pm$ 0.042 χ^2 /NDF: 1854258.3/50

- sign 358.532 $\pm$ 0.060 χ^2 /NDF: 1278507.0/24

asym_sam_13_57_dd_mean vs Slug



Right In: 250.414+/-2997.389 χ^2 /NDF: 0.0/0

Left Out: -12.545+/-79.984 χ^2 /NDF:27.3/24

Right Out: 69.061+/-1175.108 χ^2 /NDF: 2.7/1

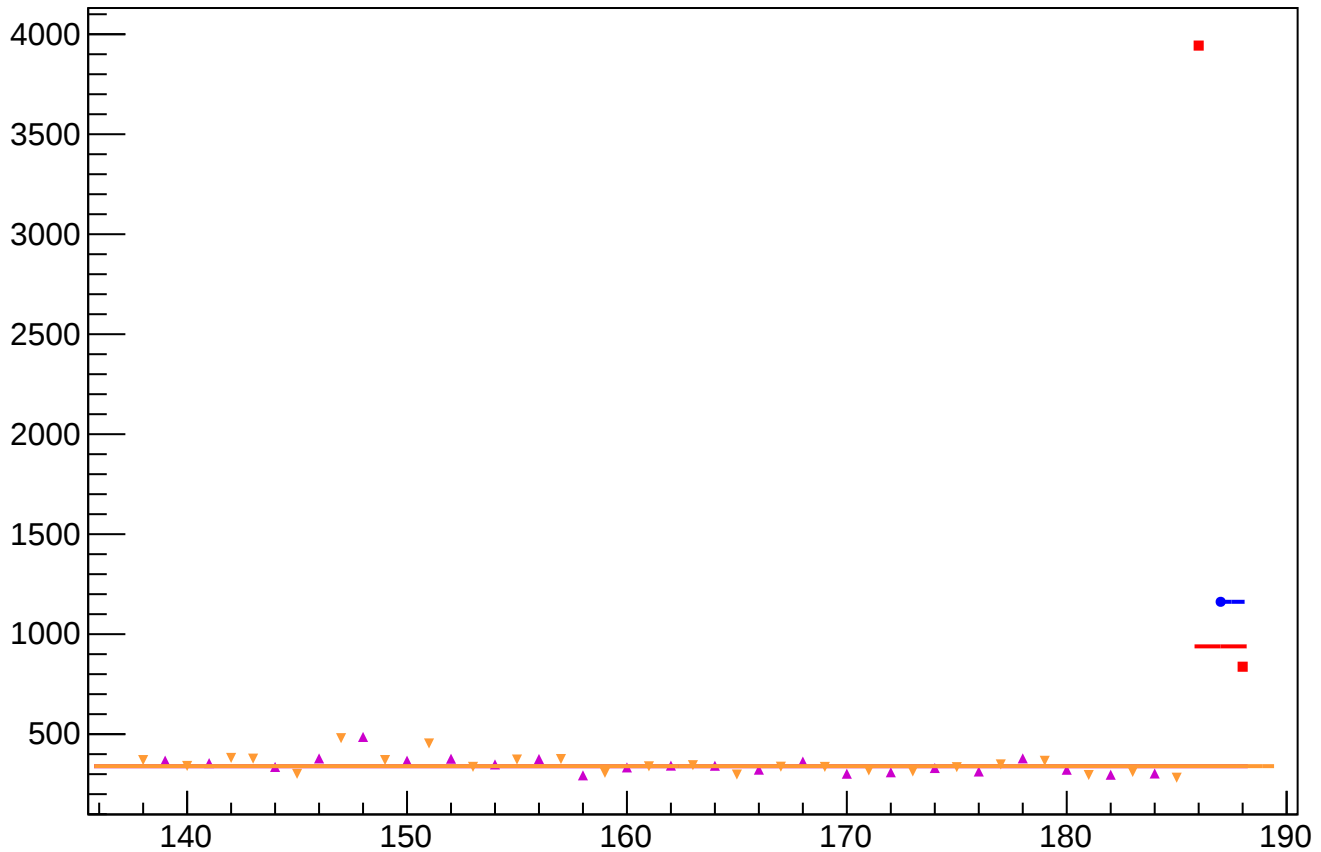
Left In: 31.531+/-81.476 χ^2 /NDF:34.8/22

+ sign -12.358+/-79.956 χ^2 /NDF: 27.4/25

All: 9.314+/-57.000 χ^2 /NDF: 65.0/50

- sign 31.711+/-81.281 χ^2 /NDF: 37.5/24

asym_sam_13_57_dd_rms vs Slug



Right In: 1161.863 ± 2.119 χ^2/NDF : 0.0/0

Left Out: 340.018 ± 0.057 χ^2/NDF : 465345.1/24

Right Out: 938.987 ± 0.831 χ^2/NDF : 442642.3/1

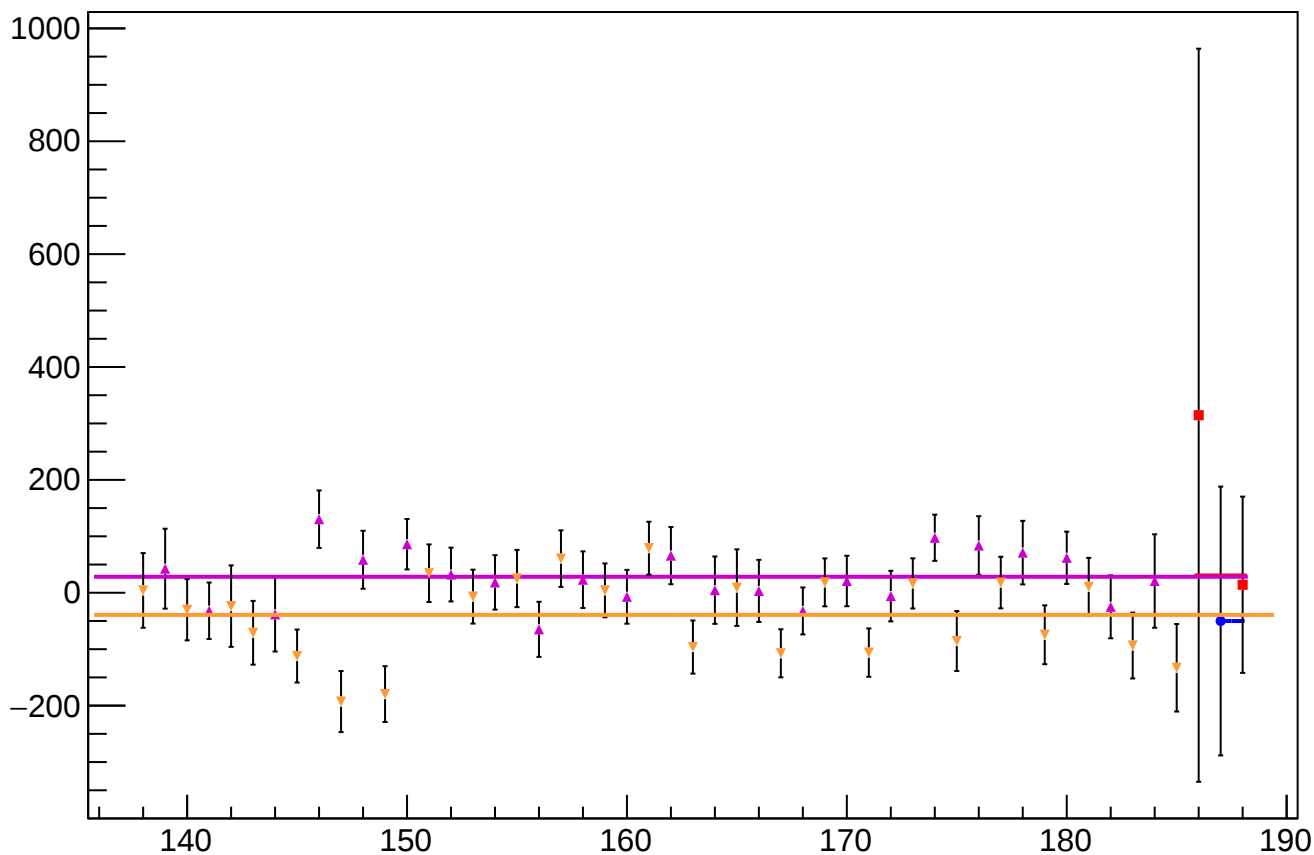
Left In: 339.571 ± 0.058 χ^2/NDF : 377816.0/22

+ sign 340.603 ± 0.057 χ^2/NDF : 615594.9/25

All: 341.506 ± 0.040 χ^2/NDF : 1954475.5/50

- sign 342.439 ± 0.057 χ^2/NDF : 1338362.3/24

dit_asym_sam_15_37_dd_mean vs Slug



Right In: -50.090 ± 238.176 χ^2/NDF : 0.0/0

Left Out: -39.211 ± 10.179 χ^2/NDF : 51.1/24

Right Out: 30.588 ± 151.816 χ^2/NDF : 0.2/1

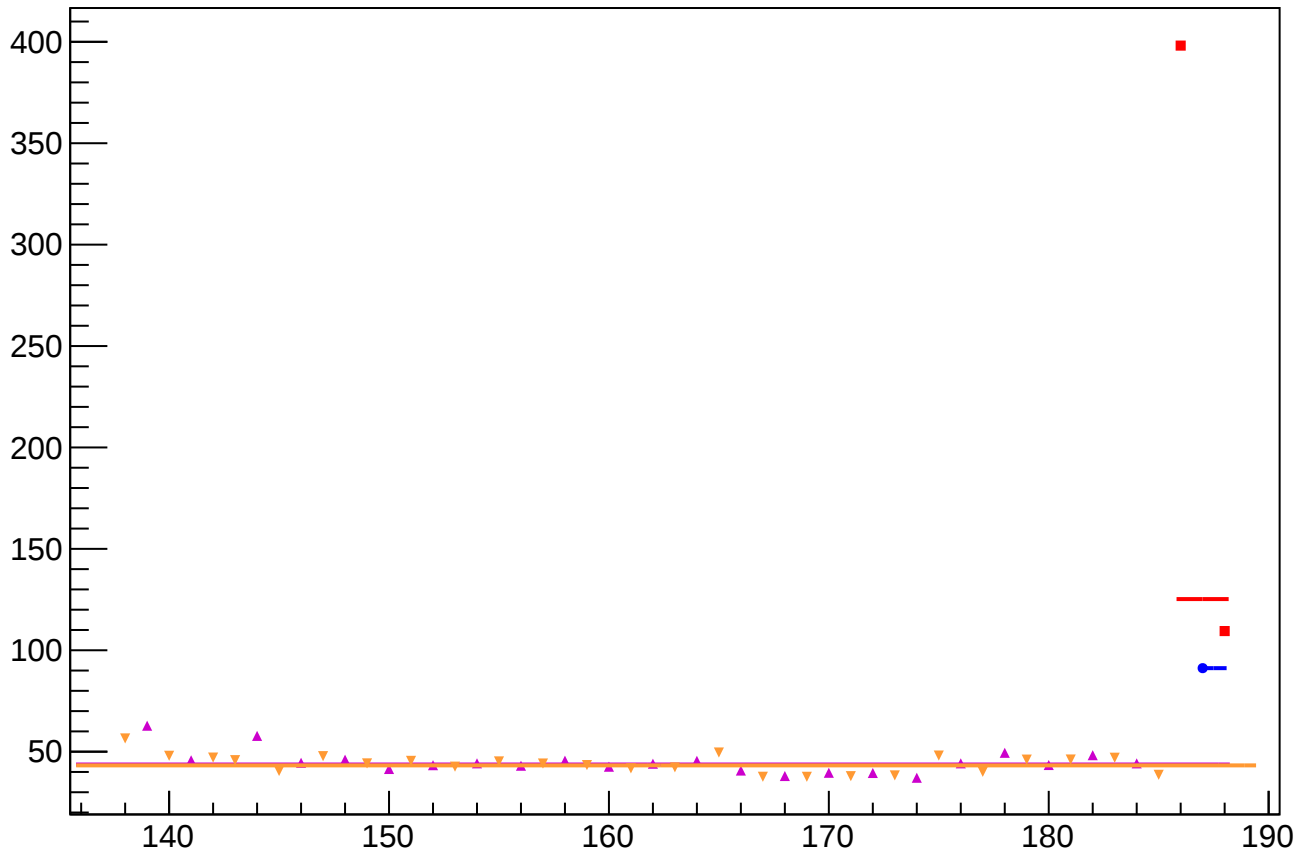
Left In: 28.364 ± 10.532 χ^2/NDF : 22.4/22

+ sign -39.231 ± 10.170 χ^2/NDF : 51.1/25

All: -6.528 ± 7.307 χ^2/NDF : 95.1/50

- sign 28.375 ± 10.507 χ^2/NDF : 22.6/24

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: 125.239 $\pm$ 0.107 χ^2 /NDF: 373453.9/1

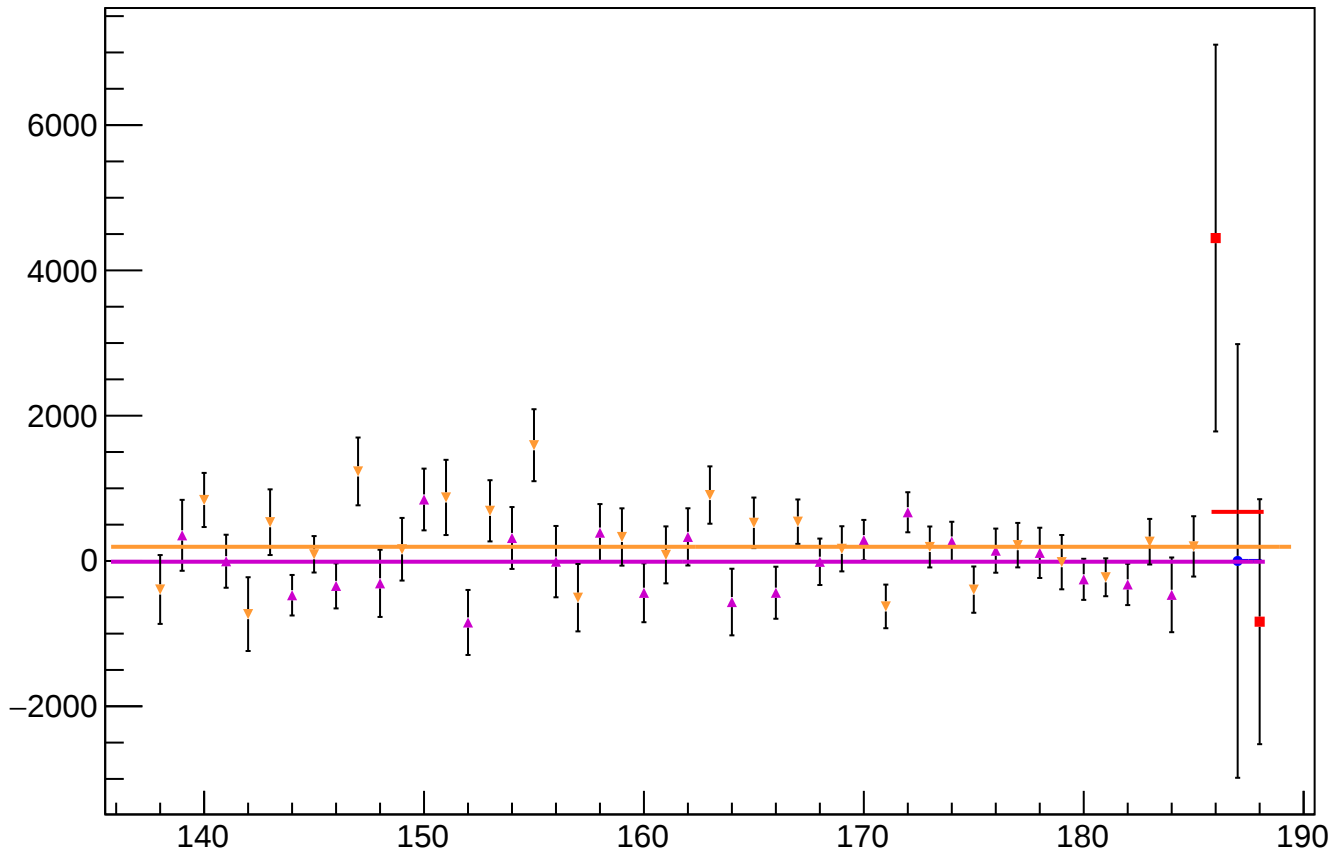
Left In: 43.679 $\pm$ 0.007 χ^2 /NDF: 420266.8/22

+ sign 43.330 $\pm$ 0.007 χ^2 /NDF: 416299.5/25

All: 43.688 $\pm$ 0.005 χ^2 /NDF: 1789604.6/50

- sign 44.070 $\pm$ 0.007 χ^2 /NDF: 1368189.3/24

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 0.325 ± 2984.904 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 195.325 ± 71.593 $\chi^2/\text{NDF}: 46.4/24$

Right Out: 676.156 ± 1424.392 $\chi^2/\text{NDF}: 2.8/1$

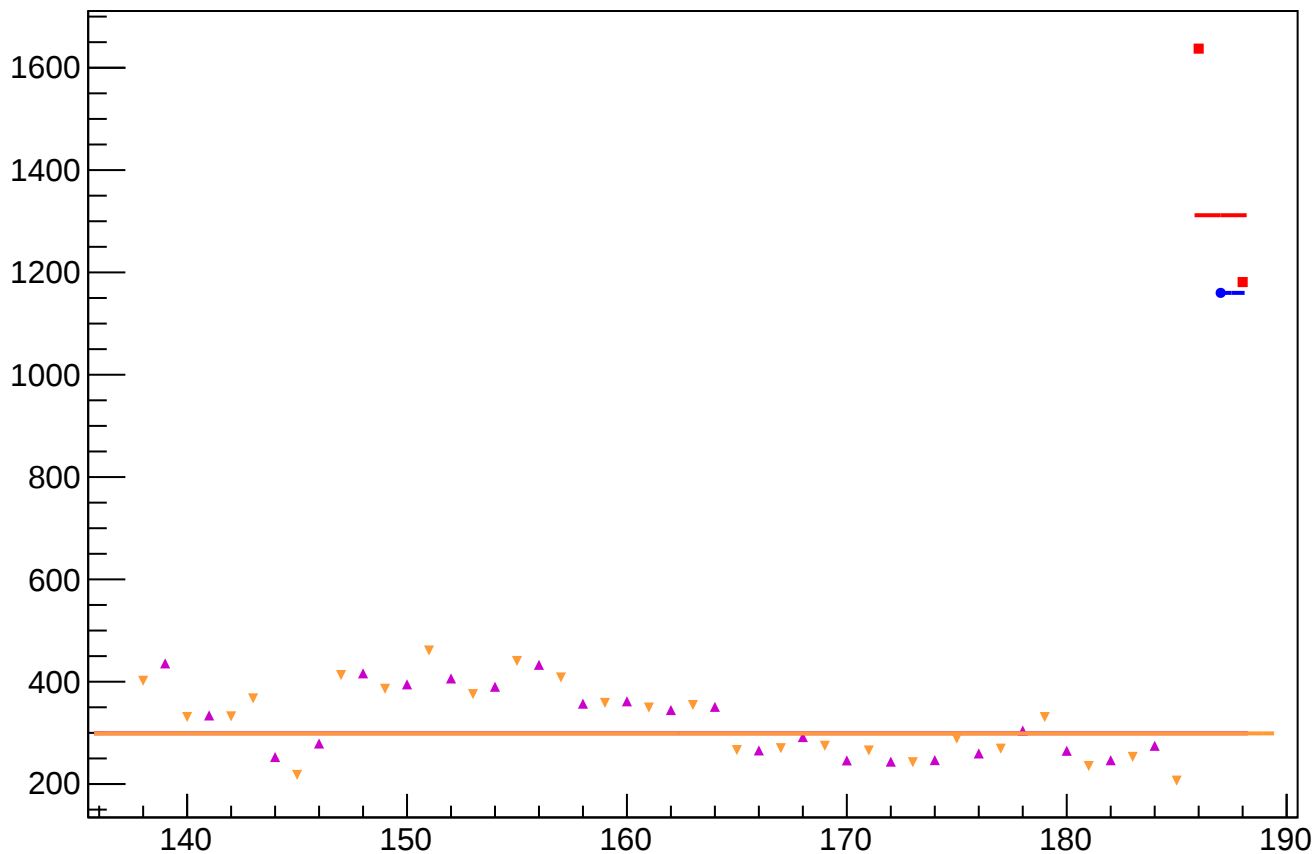
Left In: -10.264 ± 72.816 $\chi^2/\text{NDF}: 30.2/22$

+ sign 195.213 ± 71.573 $\chi^2/\text{NDF}: 46.4/25$

All: 94.989 ± 51.011 $\chi^2/\text{NDF}: 83.6/50$

- sign -8.475 ± 72.721 $\chi^2/\text{NDF}: 33.2/24$

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: 1311.750 $\pm$ 1.007 χ^2 /NDF: 41929.4/1

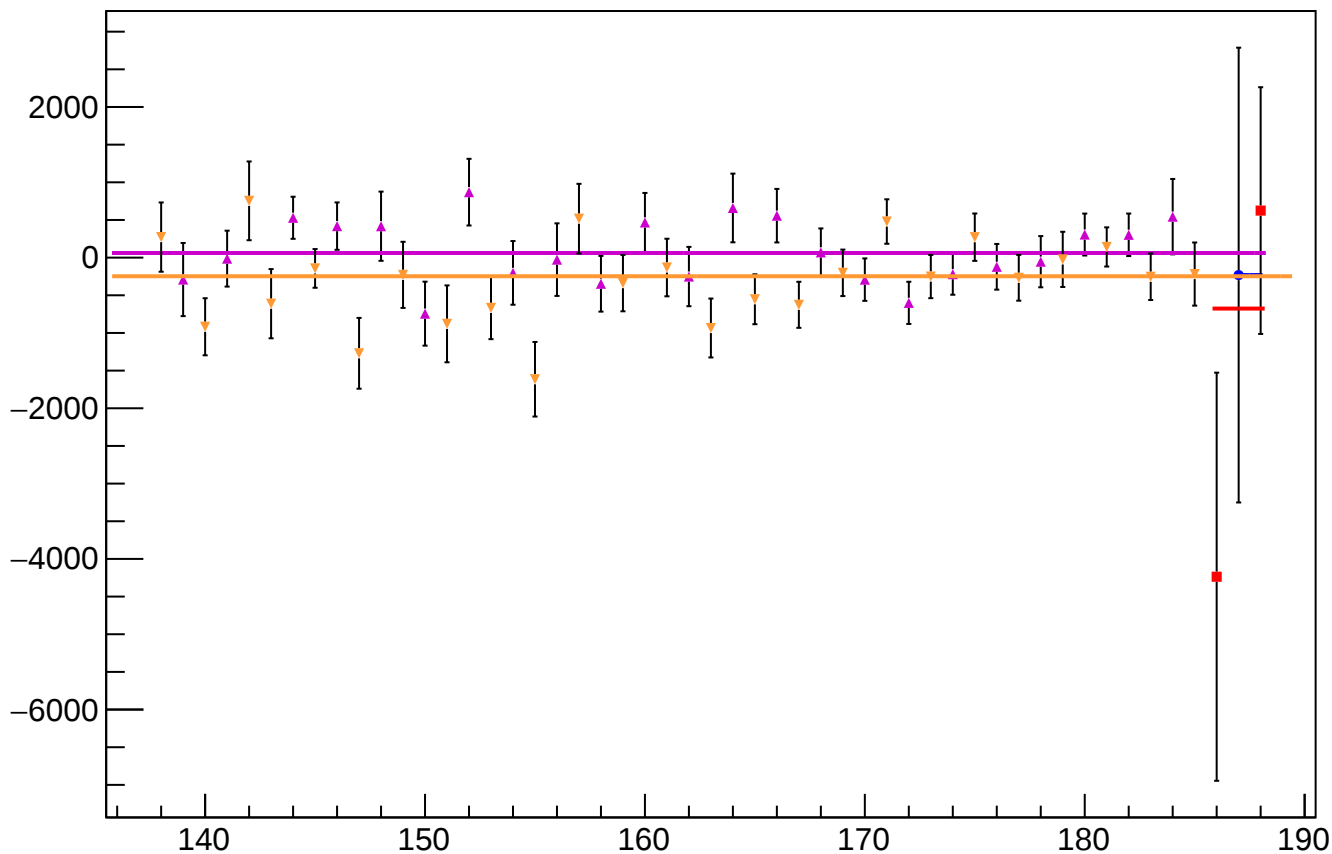
Left In: 299.127 $\pm$ 0.051 χ^2 /NDF: 1348388.7/22

+ sign 299.456 $\pm$ 0.051 χ^2 /NDF: 1844971.3/25

All: 300.593 $\pm$ 0.036 χ^2 /NDF: 4244483.9/50

- sign 301.766 $\pm$ 0.051 χ^2 /NDF: 2398487.8/24

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: -676.221 ± 1401.589 χ^2/NDF : 2.4/1

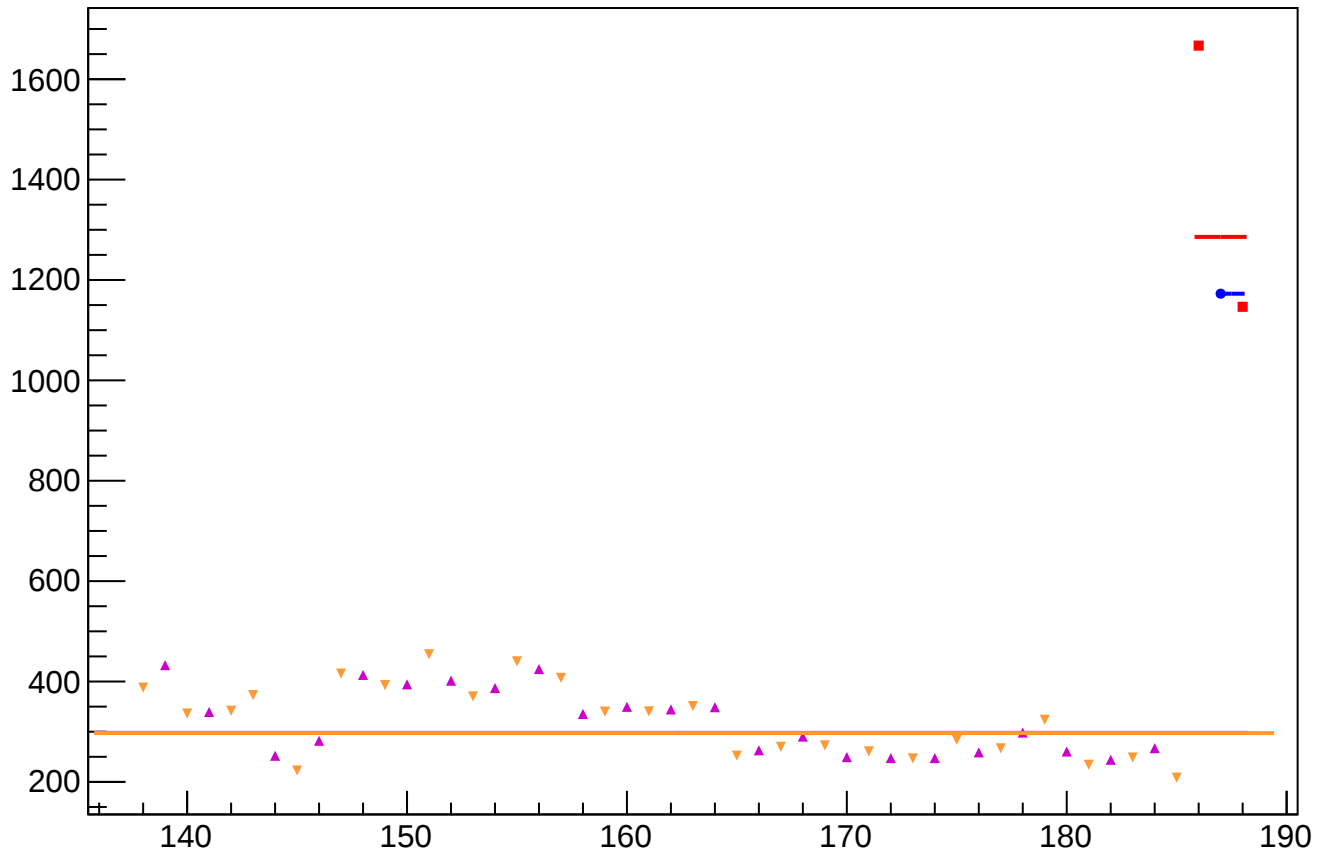
Left In: 61.707 ± 72.478 χ^2/NDF : 30.3/22

+ sign -247.099 ± 71.198 χ^2/NDF : 43.6/25

All: -96.208 ± 50.758 χ^2/NDF : 85.7/50

- sign 59.739 ± 72.381 χ^2/NDF : 33.0/24

asym_sam_15_37_dd_rms vs Slug



Right In: 1172.669+/-2.135 χ^2/NDF : 0.0/0

Left Out: 297.273+/-0.050 χ^2/NDF : 1627904.5/24

Right Out: 1285.821+/-0.991 χ^2/NDF : 54019.1/1

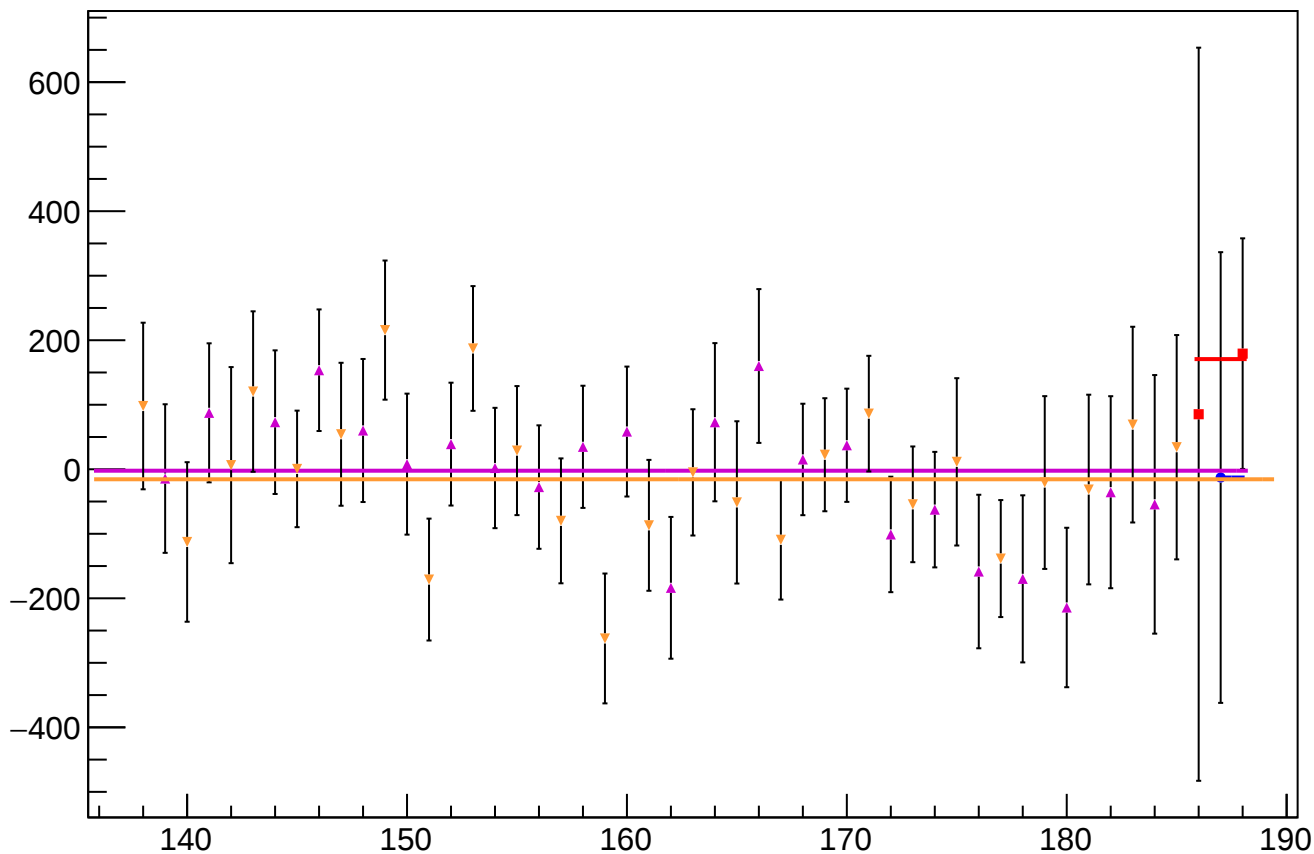
Left In: 297.696+/-0.051 χ^2/NDF : 1274607.7/22

+ sign 297.760+/-0.050 χ^2/NDF : 1795954.2/25

All: 299.024+/-0.036 χ^2/NDF : 4117273.1/50

- sign 300.331+/-0.051 χ^2/NDF : 2320035.7/24

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: 170.753 ± 170.476 χ^2/NDF : 0.0/1

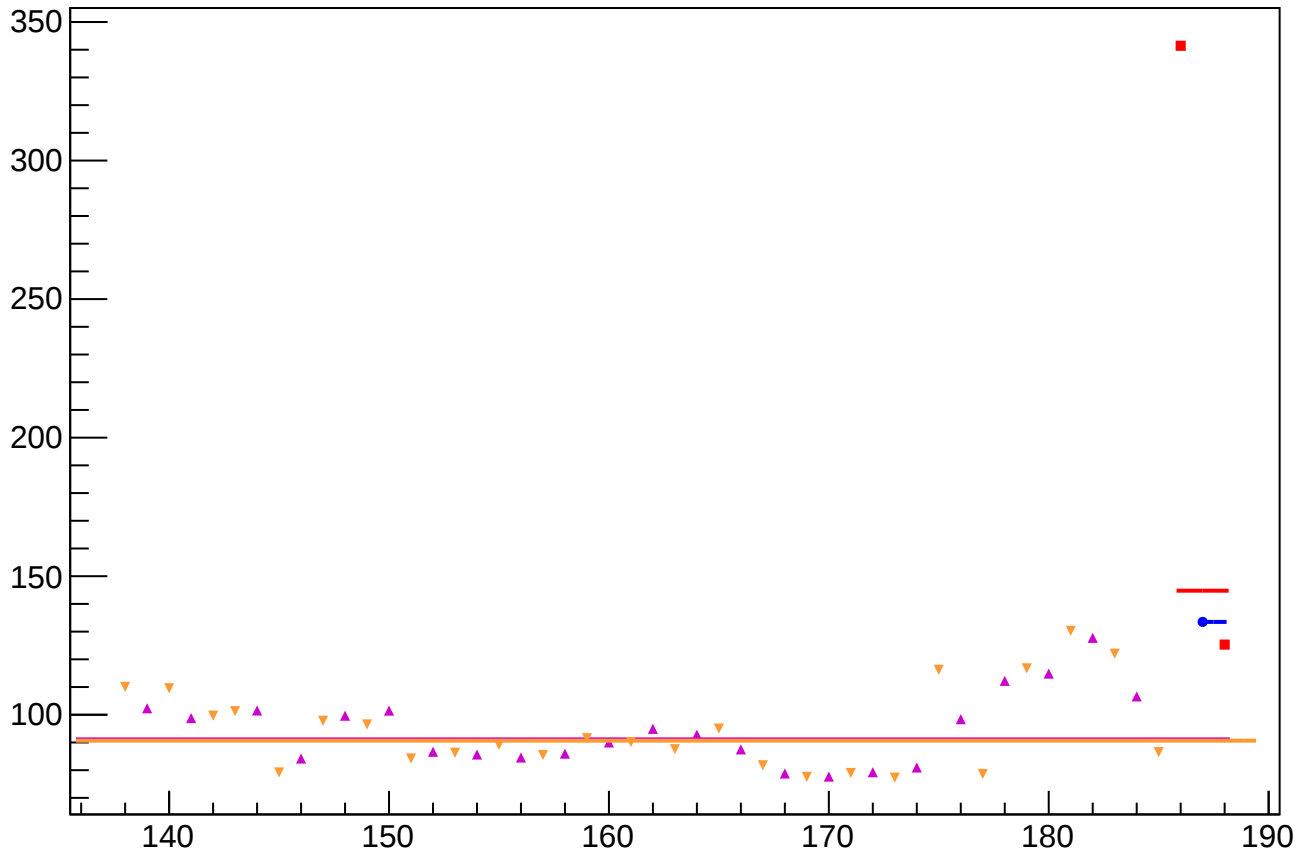
Left In: -2.238 ± 22.012 χ^2/NDF : 18.3/22

+ sign -15.510 ± 21.435 χ^2/NDF : 27.0/25

All: -7.603 ± 15.295 χ^2/NDF : 46.6/50

- sign 0.599 ± 21.830 χ^2/NDF : 19.4/24

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: 144.772 $\pm$ 0.121 χ^2 /NDF: 263309.6/1

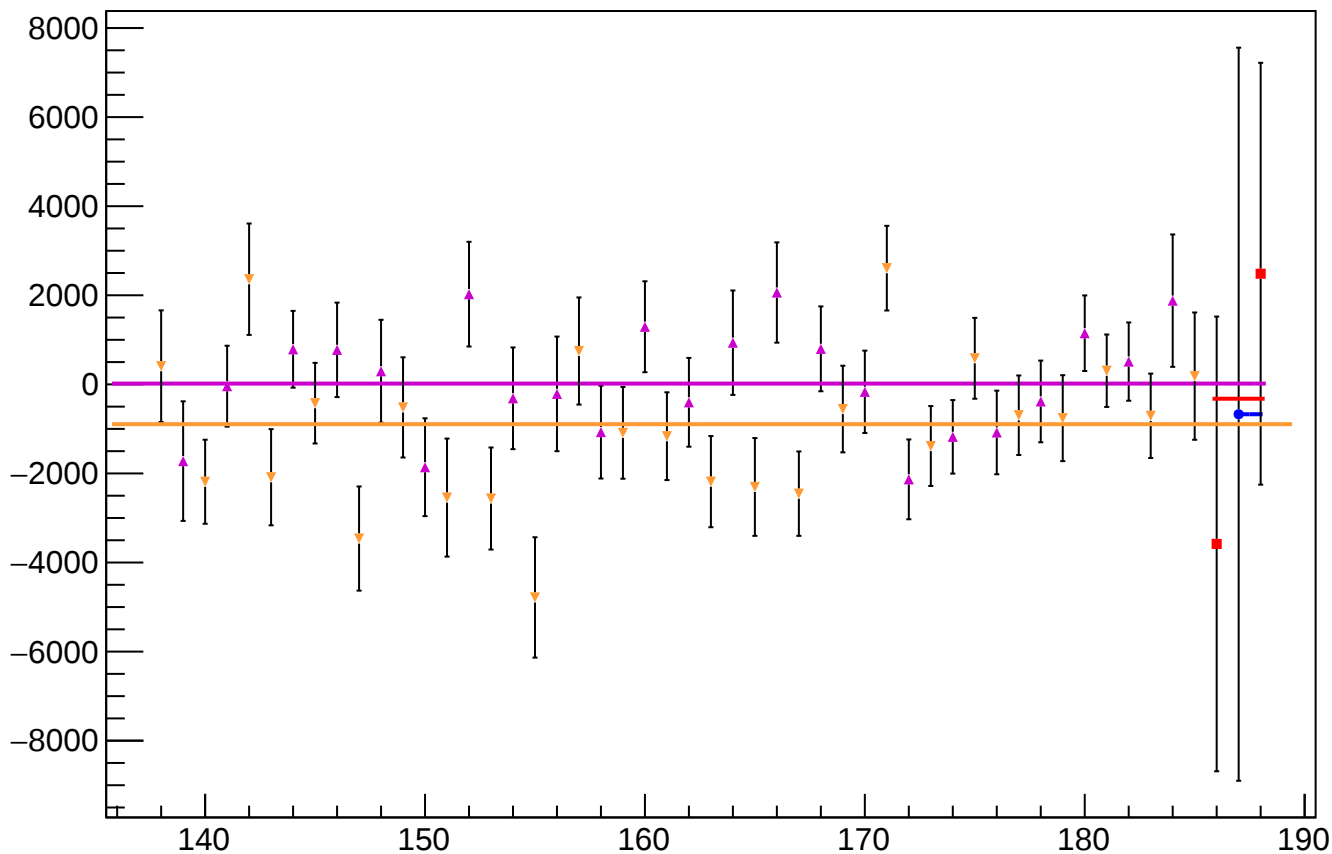
Left In: 91.121 $\pm$ 0.016 χ^2 /NDF: 534843.6/22

+ sign 90.807 $\pm$ 0.015 χ^2 /NDF: 776427.4/25

All: 91.393 $\pm$ 0.011 χ^2 /NDF: 1772472.1/50

- sign 92.000 $\pm$ 0.015 χ^2 /NDF: 992999.8/24

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: -322.224+/-3471.791 χ^2/NDF : 0.8/1

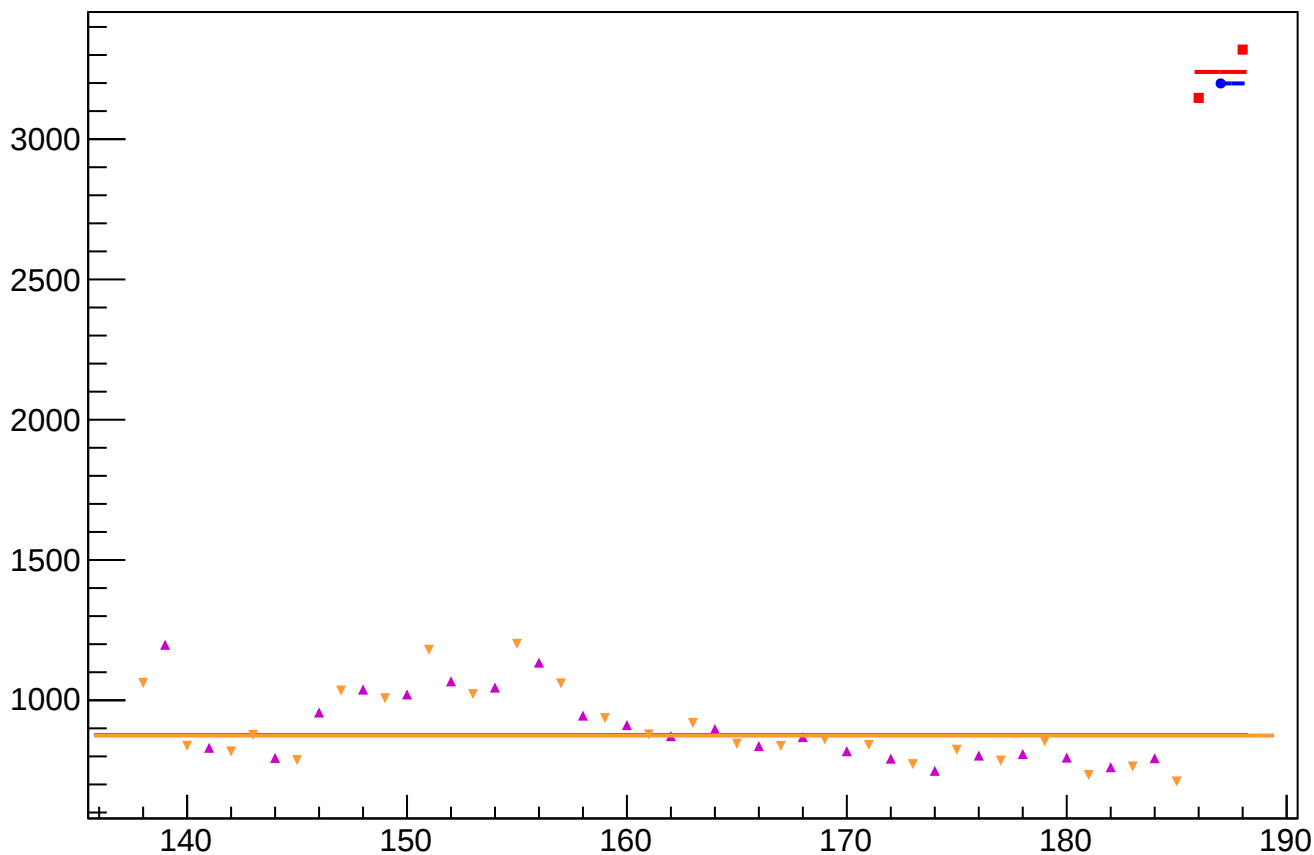
Left In: 17.607+/-210.691 χ^2/NDF : 29.5/22

+ sign -893.832+/-206.191 χ^2/NDF : 55.5/25

All: -447.724+/-147.232 χ^2/NDF : 95.4/50

- sign 16.360+/-210.304 χ^2/NDF : 30.3/24

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: 3239.552+/-2.455 χ^2/NDF : 1222.8/1

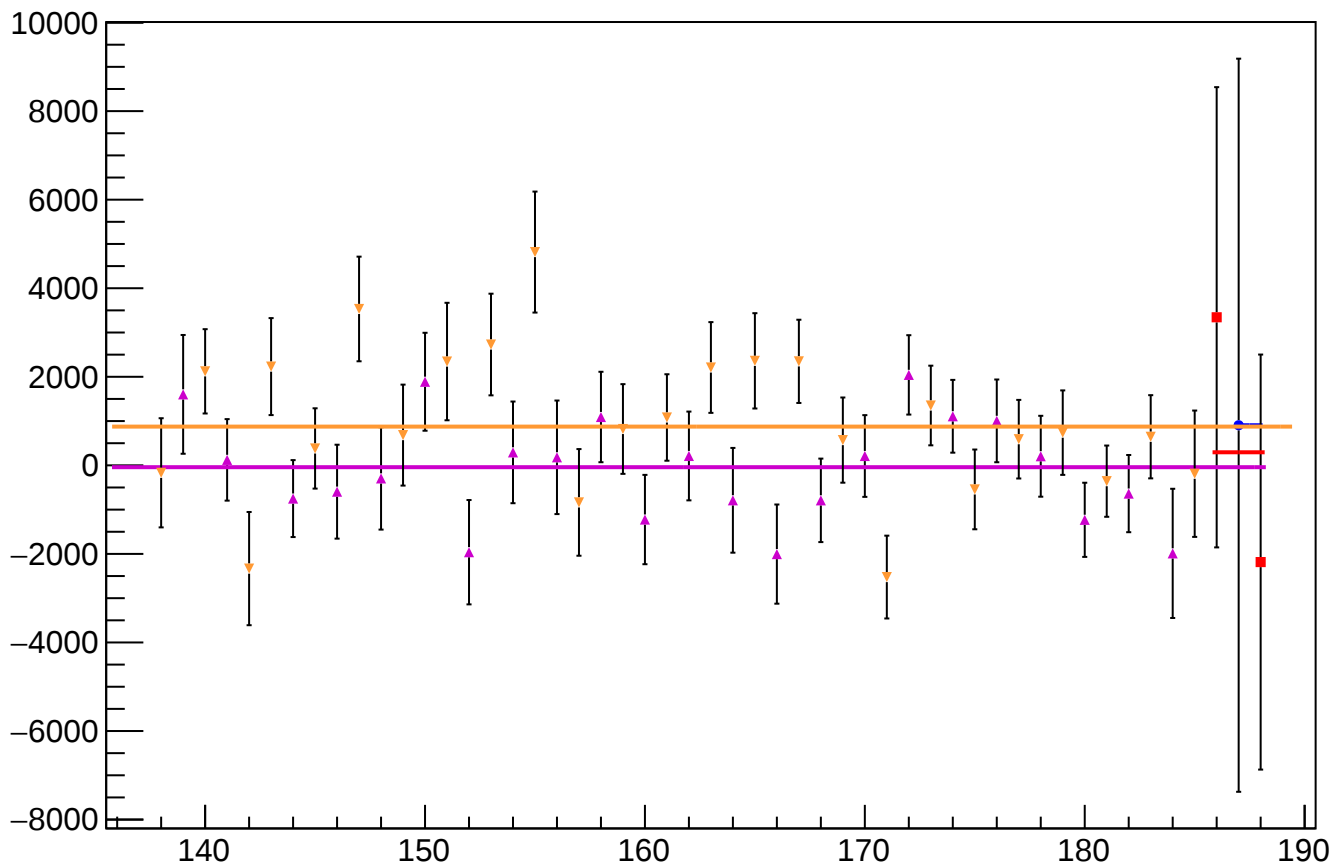
Left In: 876.305+/-0.149 χ^2/NDF : 569671.1/22

+ sign 875.823+/-0.146 χ^2/NDF : 784897.3/25

All: 880.309+/-0.104 χ^2/NDF : 2281027.1/50

- sign 884.977+/-0.149 χ^2/NDF : 1494197.6/24

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: 295.089 $\pm$ 3480.509 χ^2 /NDF: 0.6/1

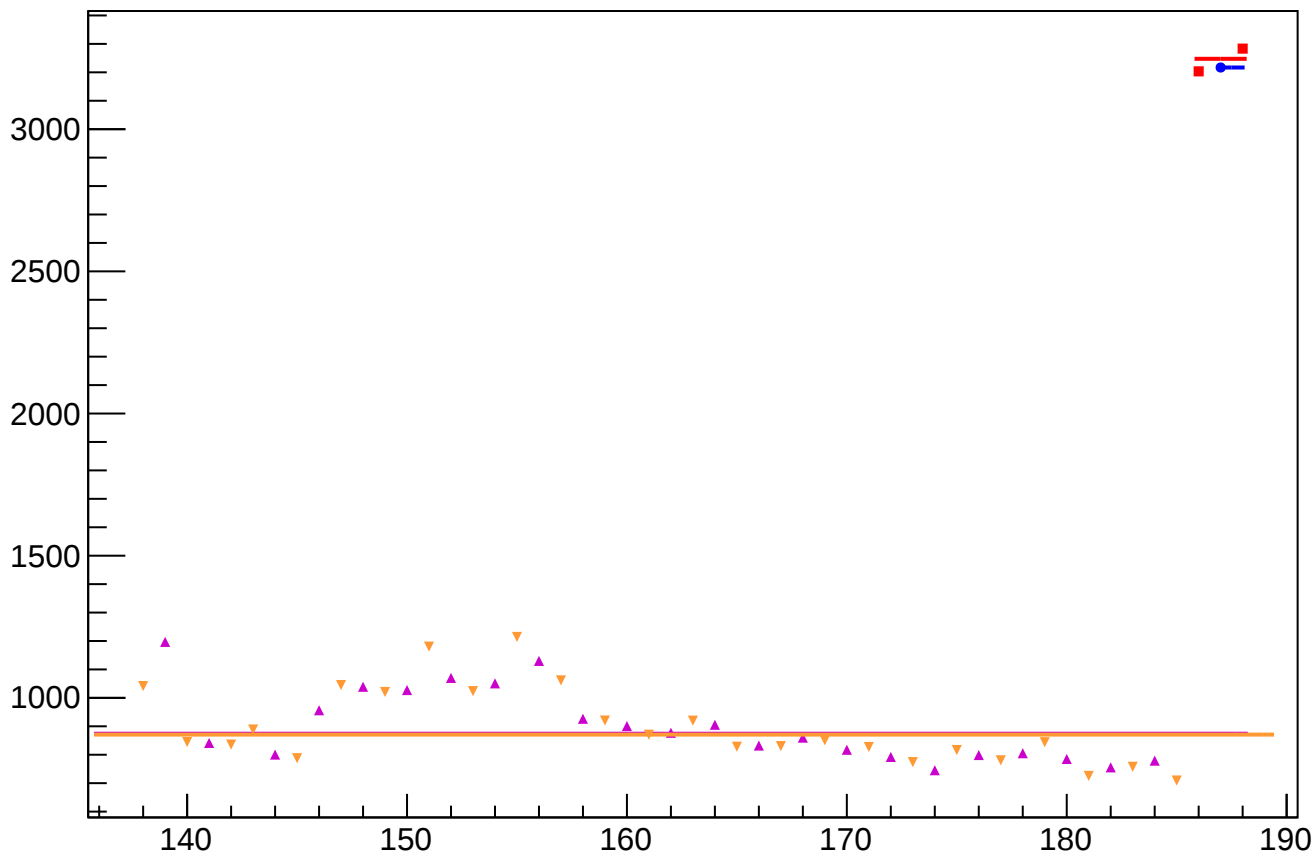
Left In: -41.523 $\pm$ 210.209 χ^2 /NDF:28.1/22

+ sign 875.103 $\pm$ 205.509 χ^2 /NDF: 55.1/25

All: 426.916 $\pm$ 146.819 χ^2 /NDF: 93.6/50

- sign -40.300 $\pm$ 209.826 χ^2 /NDF: 28.8/24

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: 3247.539 $\pm$ 2.461 χ^2 /NDF: 261.0/1

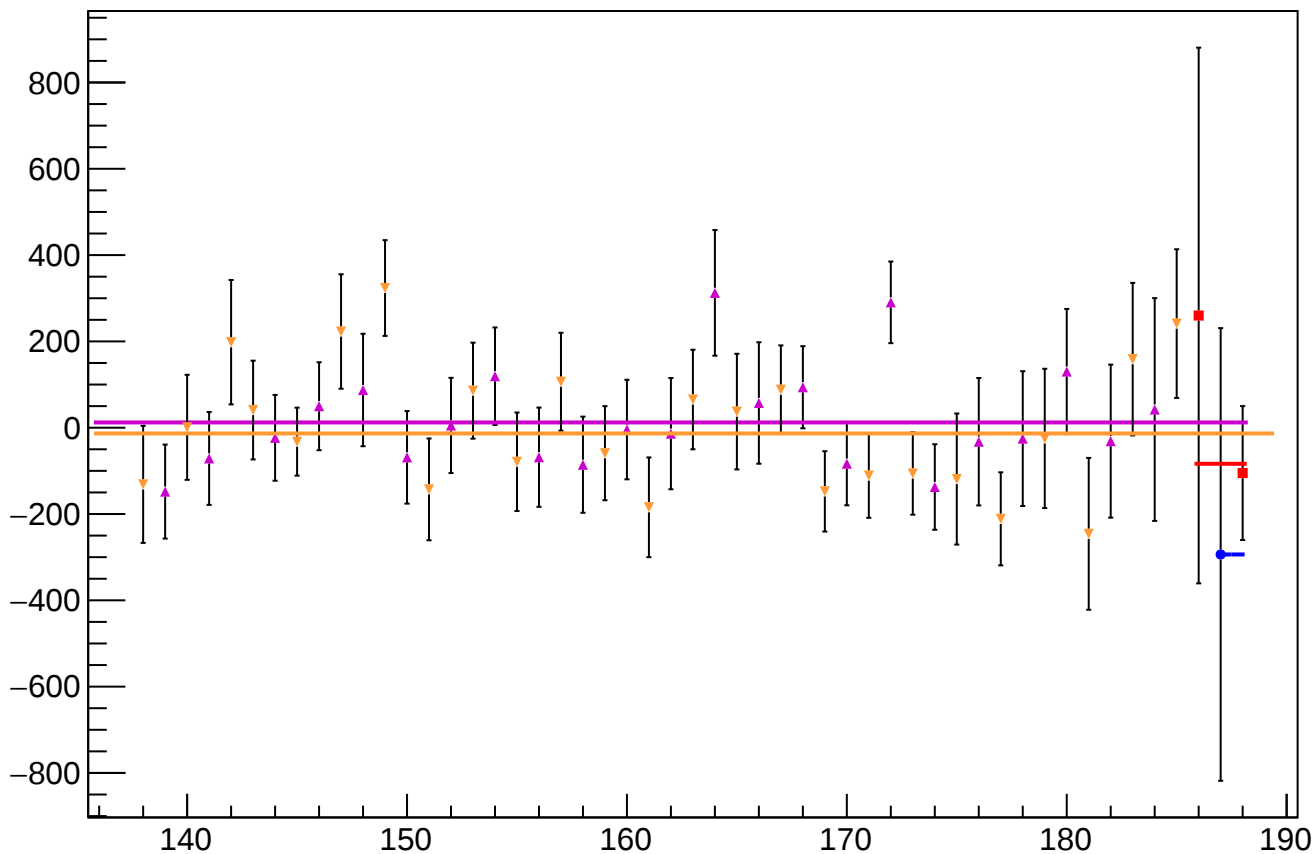
Left In: 873.902 $\pm$ 0.149 χ^2 /NDF:583344.5/22

+ sign 872.299 $\pm$ 0.145 χ^2 /NDF: 812326.6/25

All: 877.307 $\pm$ 0.104 χ^2 /NDF: 2325170.8/50

- sign 882.529 $\pm$ 0.148 χ^2 /NDF: 1510417.6/24

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: -83.567 ± 150.500 χ^2/NDF : 0.3/1

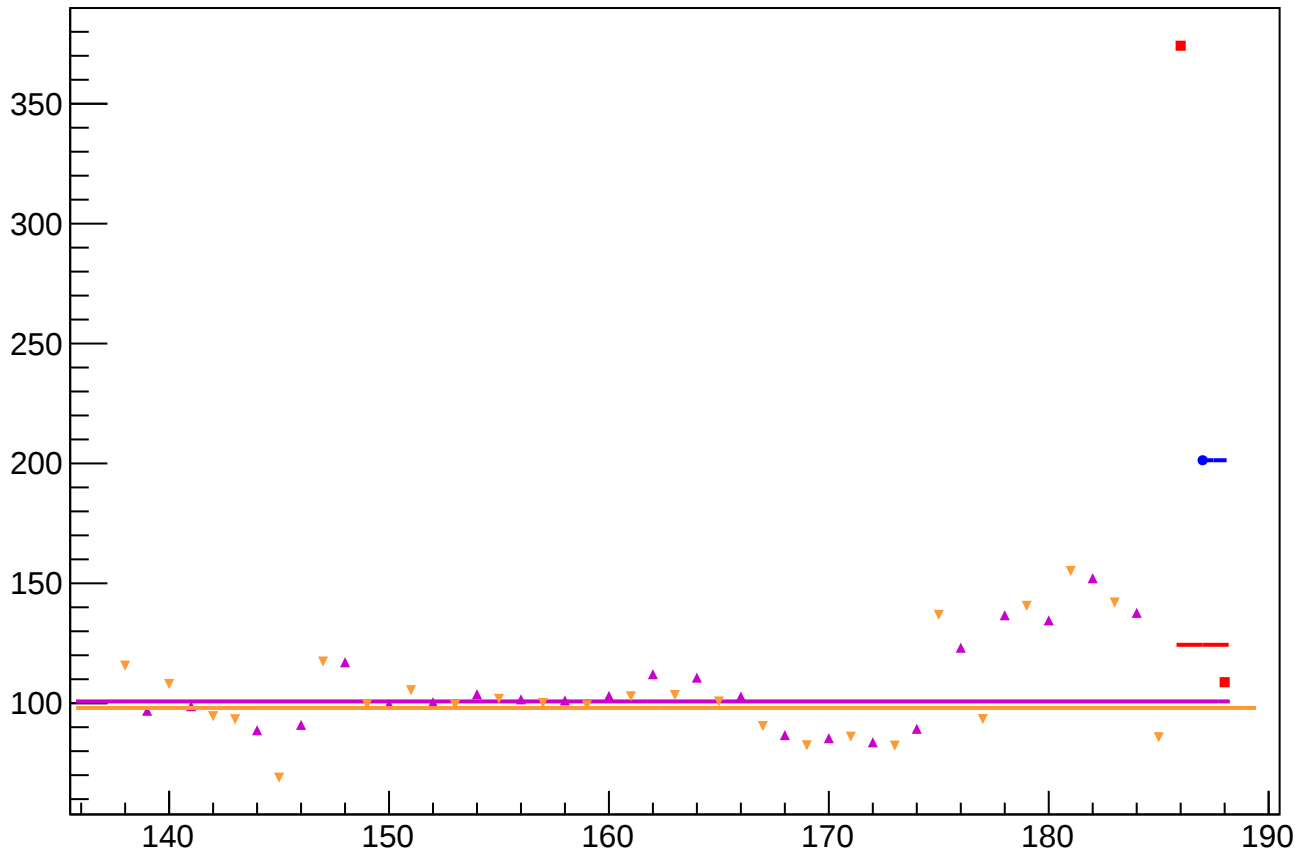
Left In: 12.180 ± 24.424 χ^2/NDF : 24.1/22

+ sign -13.892 ± 23.338 χ^2/NDF : 36.0/25

All: -2.468 ± 16.768 χ^2/NDF : 61.3/50

- sign 9.723 ± 24.109 χ^2/NDF : 24.8/24

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: 124.363 $\pm$ 0.106 χ^2 /NDF: 344281.5/1

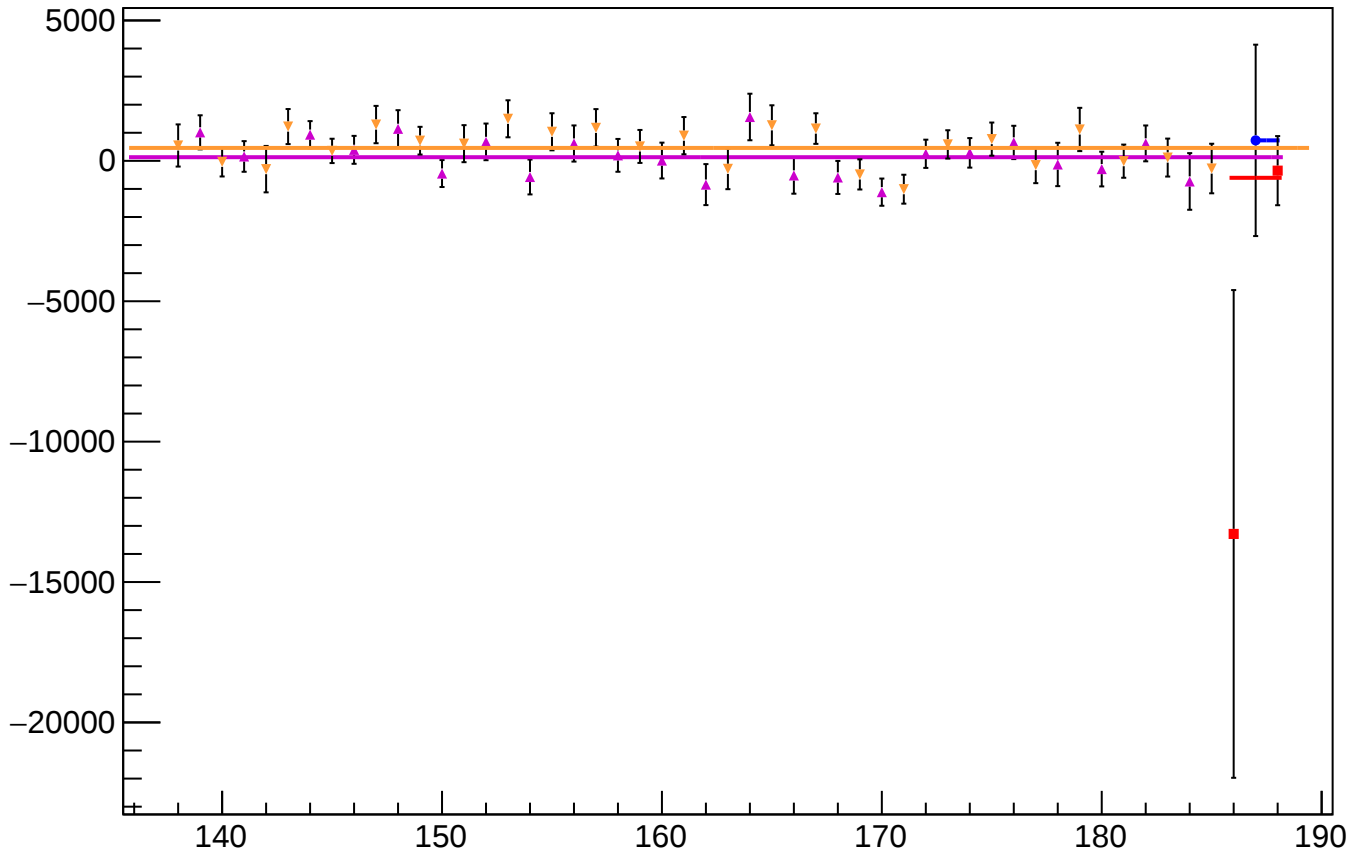
Left In: 100.743 $\pm$ 0.017 χ^2 /NDF:765132.3/22

+ sign 98.230 $\pm$ 0.017 χ^2 /NDF: 1233192.3/25

All: 99.739 $\pm$ 0.012 χ^2 /NDF: 2407889.7/50

- sign 101.349 $\pm$ 0.017 χ^2 /NDF: 1157414.4/24

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: -604.132 $\pm$ 1218.907 χ^2 /NDF: 2.2/1

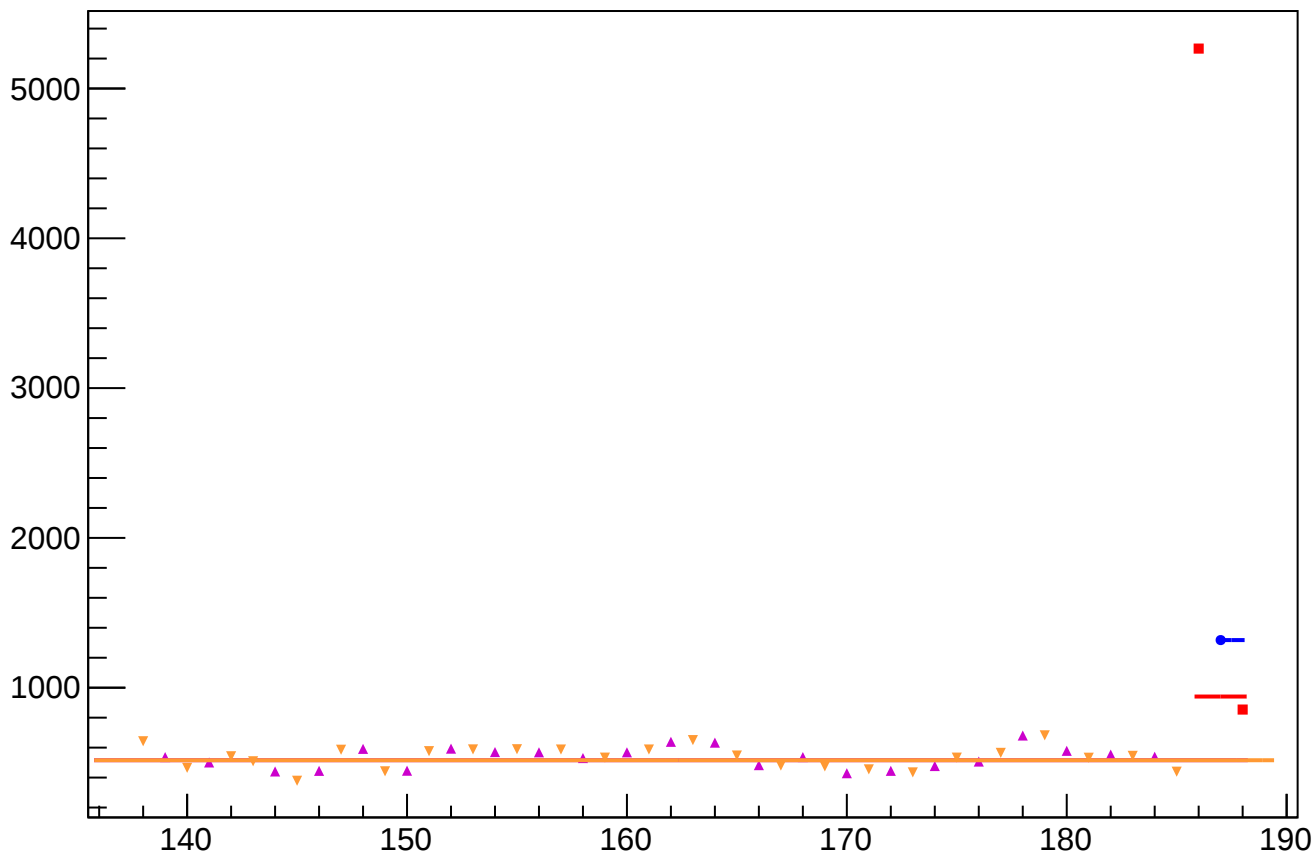
Left In: 129.944 $\pm$ 124.245 χ^2 /NDF: 28.3/22

+ sign 460.769 $\pm$ 121.888 χ^2 /NDF: 28.8/25

All: 293.948 $\pm$ 86.788 χ^2 /NDF: 63.4/50

- sign 122.395 $\pm$ 123.605 χ^2 /NDF: 30.8/24

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: 940.992 $\pm$ 0.862 χ^2 /NDF: 506078.6/1

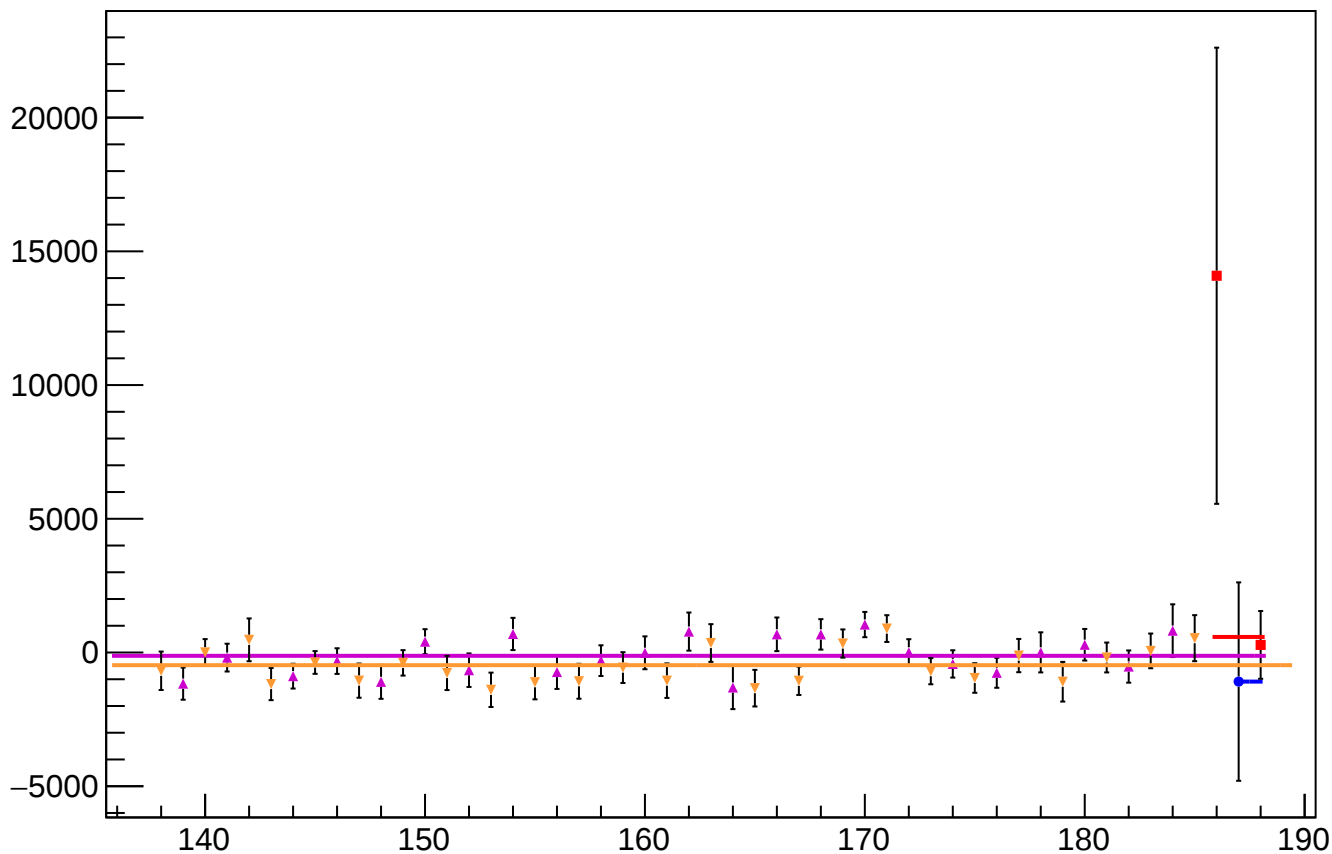
Left In: 516.102 $\pm$ 0.088 χ^2 /NDF: 572973.7/22

+ sign 516.773 $\pm$ 0.086 χ^2 /NDF: 869445.8/25

All: 518.596 $\pm$ 0.061 χ^2 /NDF: 2189926.5/50

- sign 520.471 $\pm$ 0.087 χ^2 /NDF: 1319573.2/24

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: 581.624 ± 1252.757 χ^2/NDF : 2.6/1

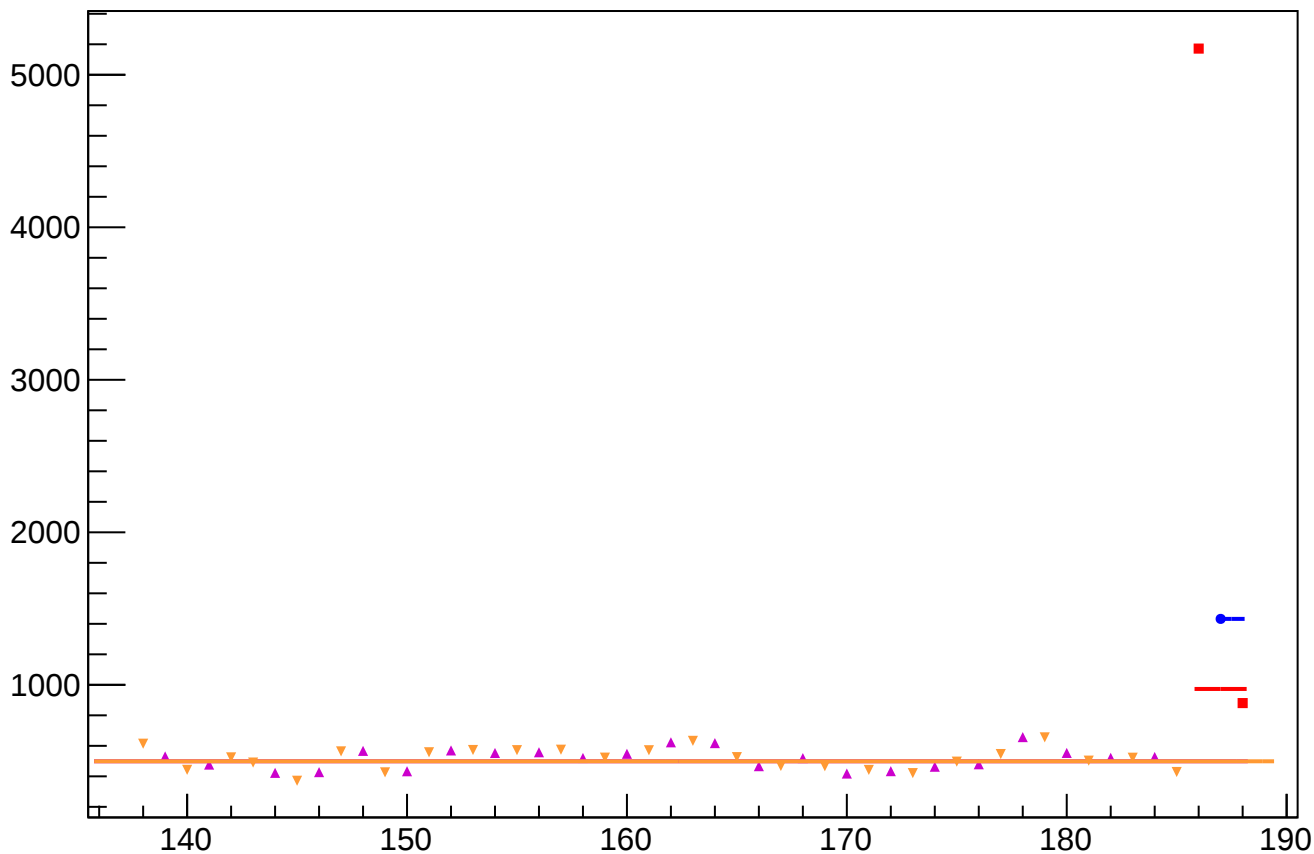
Left In: -124.022 ± 120.216 χ^2/NDF : 30.2/22

+ sign -474.491 ± 117.918 χ^2/NDF : 28.0/25

All: -298.664 ± 83.992 χ^2/NDF : 65.5/50

- sign -117.583 ± 119.666 χ^2/NDF : 33.1/24

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: 972.980 $\pm$ 0.886 χ^2 /NDF: 495461.7/1

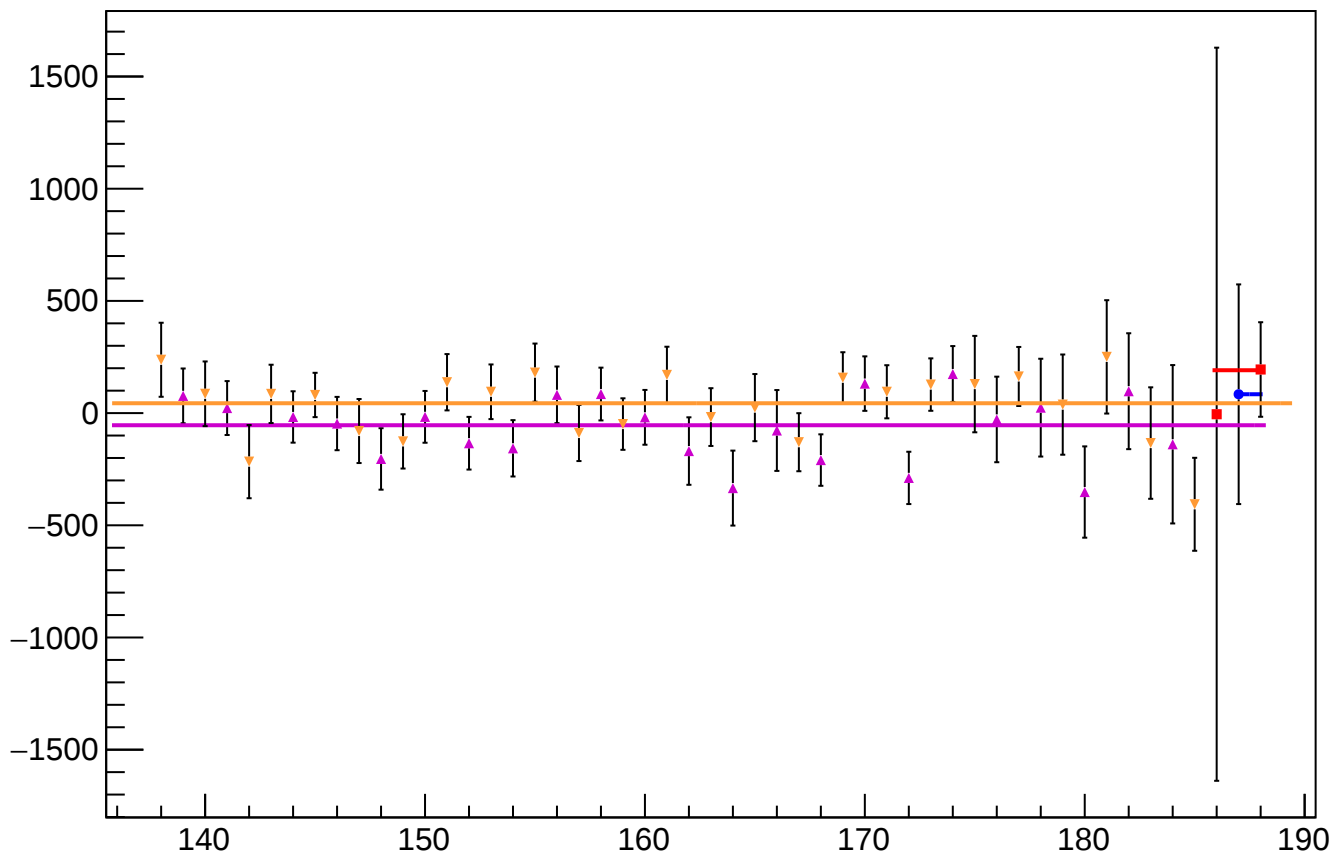
Left In: 498.835 $\pm$ 0.085 χ^2 /NDF: 572334.3/22

+ sign 499.606 $\pm$ 0.083 χ^2 /NDF: 861244.8/25

All: 501.357 $\pm$ 0.059 χ^2 /NDF: 2213817.8/50

- sign 503.161 $\pm$ 0.085 χ^2 /NDF: 1351677.3/24

dit_asym_sam_1548_avg_mean vs Slug



Right In: 84.066 $\pm$ 489.484 χ^2 /NDF: 0.0/0

Left Out: 43.944 $\pm$ 27.345 χ^2 /NDF:22.2/24

Right Out: 191.066 $\pm$ 208.914 χ^2 /NDF: 0.0/1

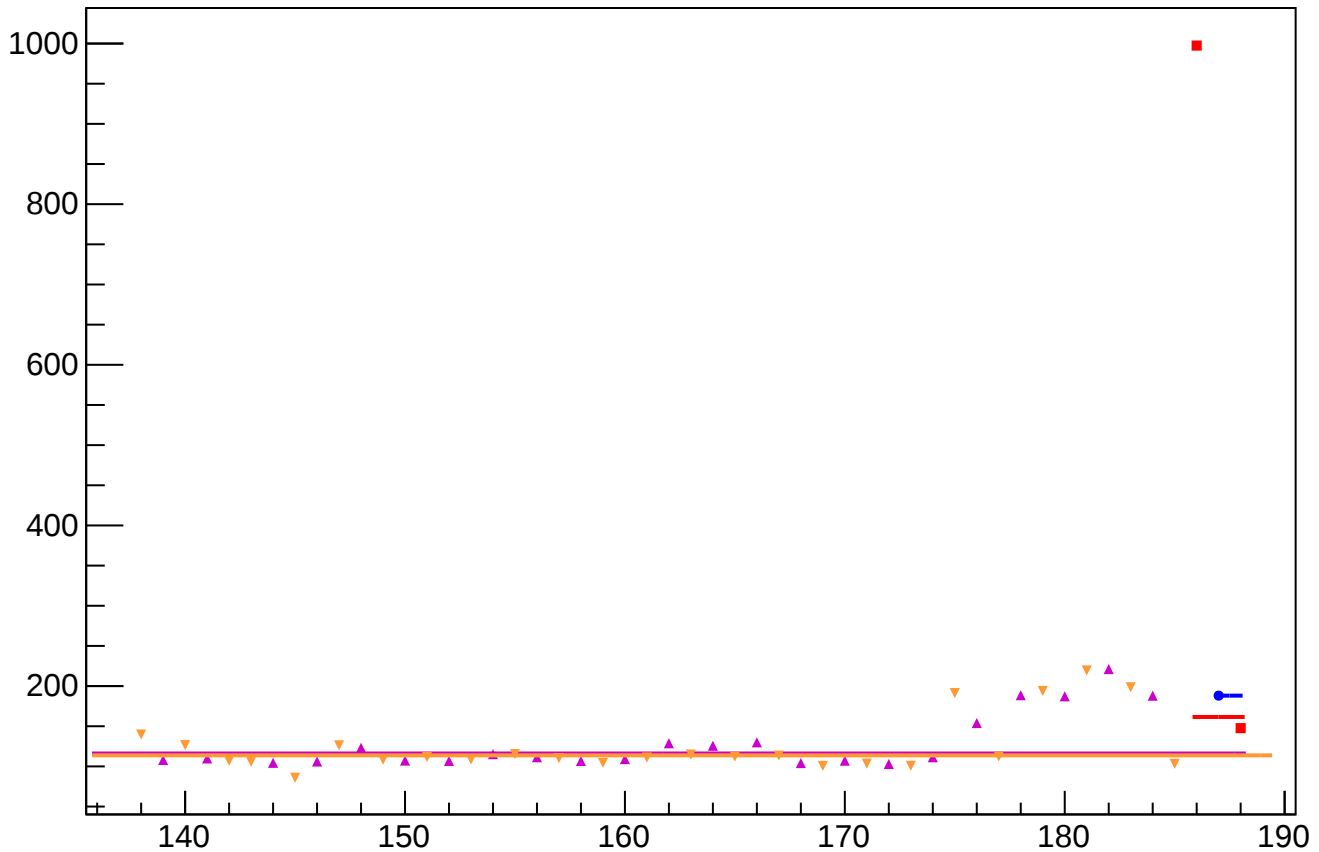
Left In: -54.074 $\pm$ 28.411 χ^2 /NDF:24.4/22

+ sign 44.069 $\pm$ 27.302 χ^2 /NDF: 22.3/25

All: -1.343 $\pm$ 19.599 χ^2 /NDF: 53.8/50

- sign -49.623 $\pm$ 28.152 χ^2 /NDF: 25.8/24

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: 161.537 $\pm$ 0.148 χ^2 /NDF: 532377.5/1

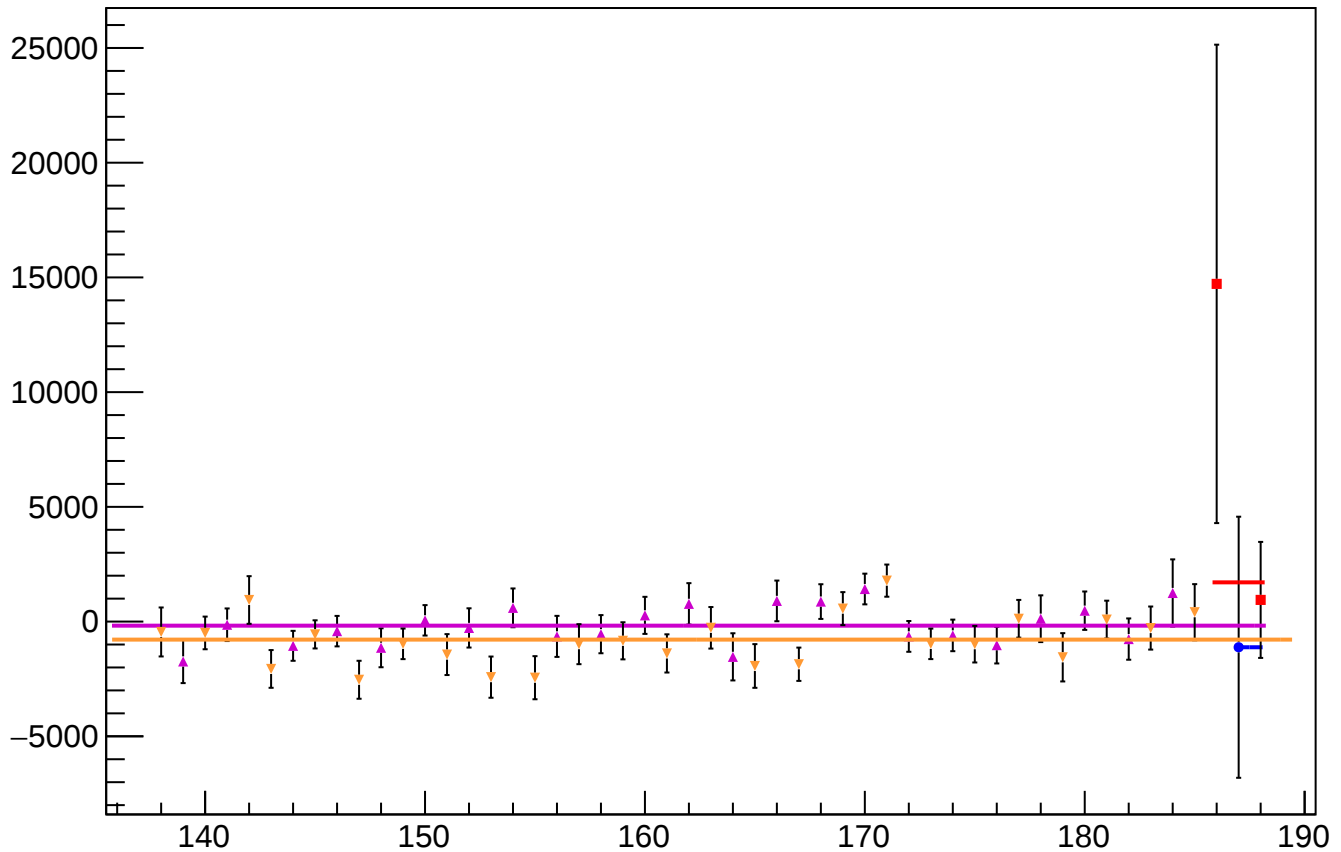
Left In: 116.086 $\pm$ 0.020 χ^2 /NDF:1153706.1/22

+ sign 113.968 $\pm$ 0.019 χ^2 /NDF: 1495007.9/25

All: 115.395 $\pm$ 0.014 χ^2 /NDF: 3285300.3/50

- sign 116.912 $\pm$ 0.020 χ^2 /NDF: 1779027.9/24

asym_sam_1548_avg_correction_mean vs Slug



Right In: -1118.926 ± 5689.931 χ^2/NDF : 0.0/0

Left Out: -786.017 ± 163.870 χ^2/NDF : 42.9/24

Right Out: 1709.516 ± 2456.916 χ^2/NDF : 1.6/1

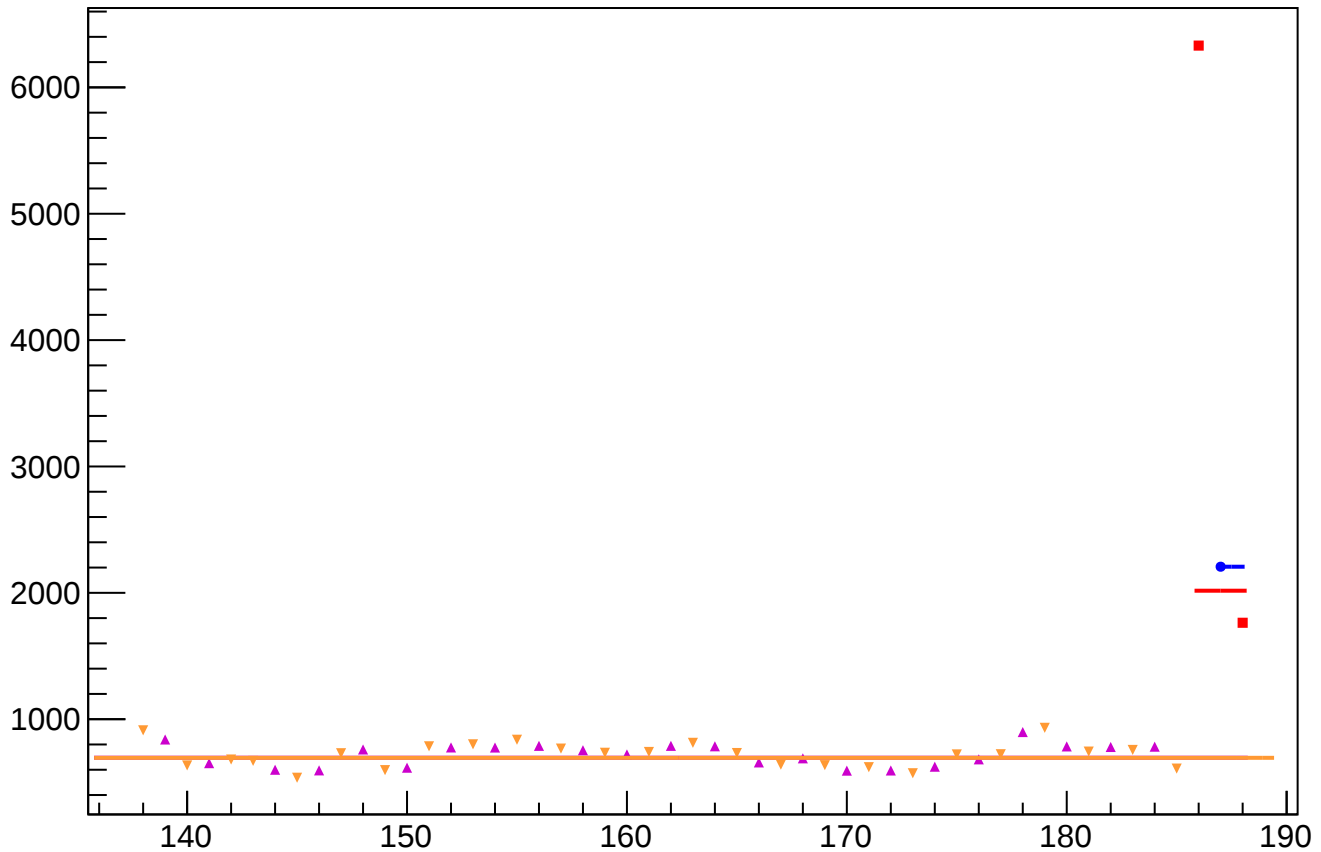
Left In: -178.145 ± 167.125 χ^2/NDF : 23.8/22

+ sign -786.293 ± 163.802 χ^2/NDF : 42.9/25

All: -483.355 ± 116.850 χ^2/NDF : 75.9/50

- sign -169.451 ± 166.740 χ^2/NDF : 26.0/24

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: 2016.853 $\pm$ 1.737 χ^2 /NDF: 362520.5/1

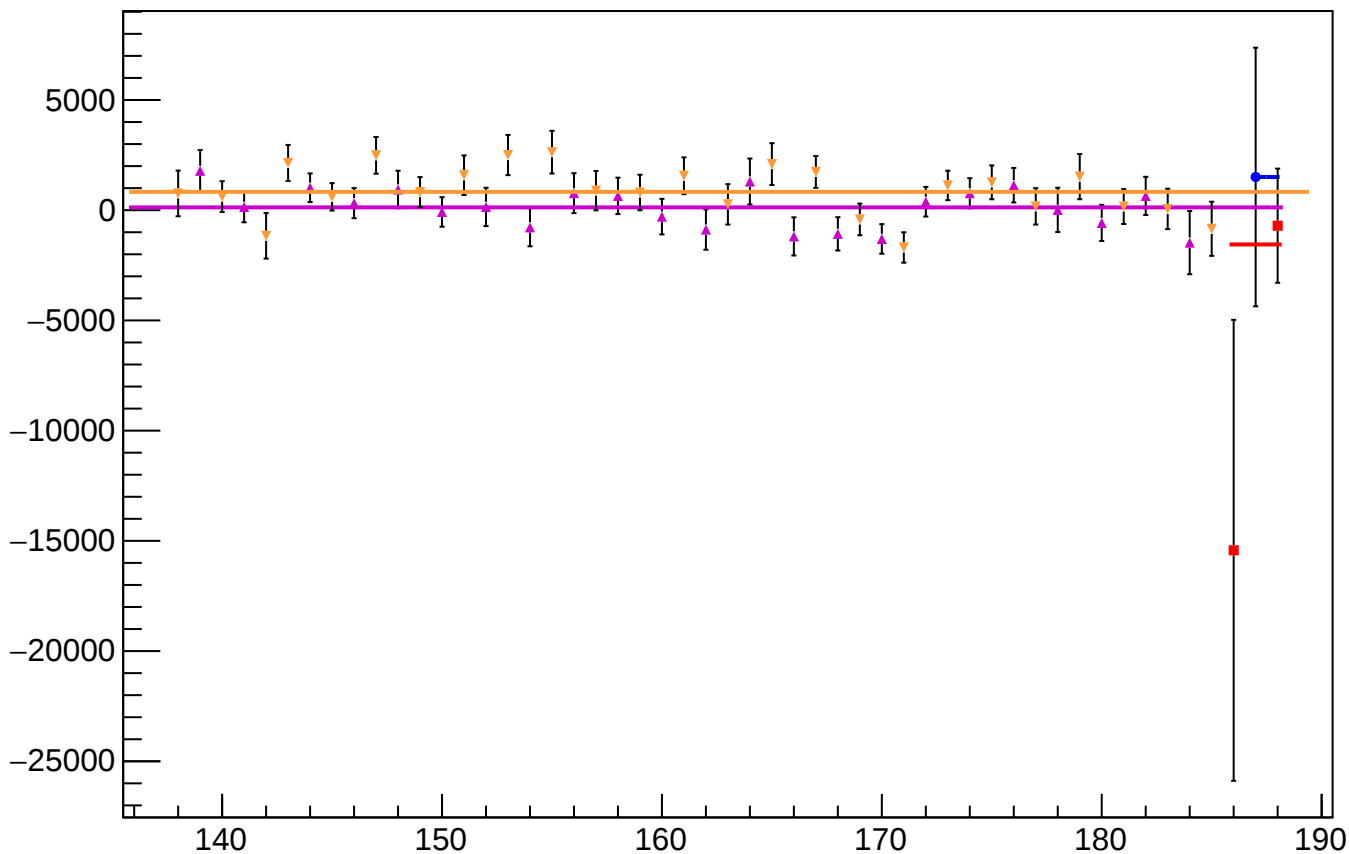
Left In: 695.132 $\pm$ 0.118 χ^2 /NDF: 534747.1/22

+ sign 695.627 $\pm$ 0.116 χ^2 /NDF: 824091.3/25

All: 698.374 $\pm$ 0.083 χ^2 /NDF: 2298638.2/50

- sign 701.220 $\pm$ 0.118 χ^2 /NDF: 1473401.9/24

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: -1554.375 $\pm$ 2513.346 χ^2 /NDF: 1.9/1

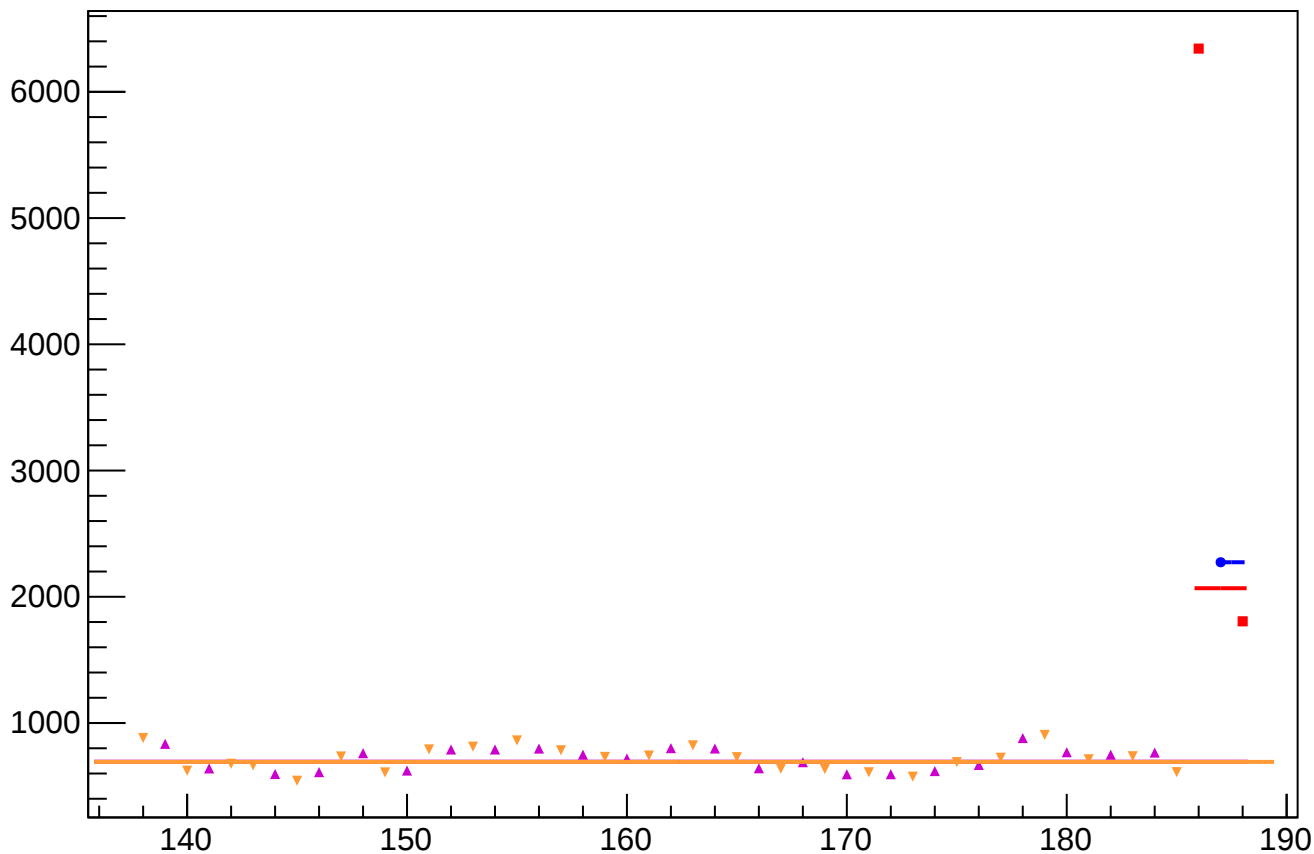
Left In: 128.120 $\pm$ 166.866 χ^2 /NDF:25.3/22

+ sign 833.076 $\pm$ 163.365 χ^2 /NDF: 43.8/25

All: 483.674 $\pm$ 116.609 χ^2 /NDF: 80.7/50

- sign 120.736 $\pm$ 166.499 χ^2 /NDF: 27.6/24

asym_sam_1548_avg_rms vs Slug



Right In: 2273.510 $\pm$ 4.148 χ^2 /NDF: 0.0/0

Left Out: 692.071 $\pm$ 0.116 χ^2 /NDF: 657636.6/24

Right Out: 2067.832 $\pm$ 1.777 χ^2 /NDF: 354794.4/1

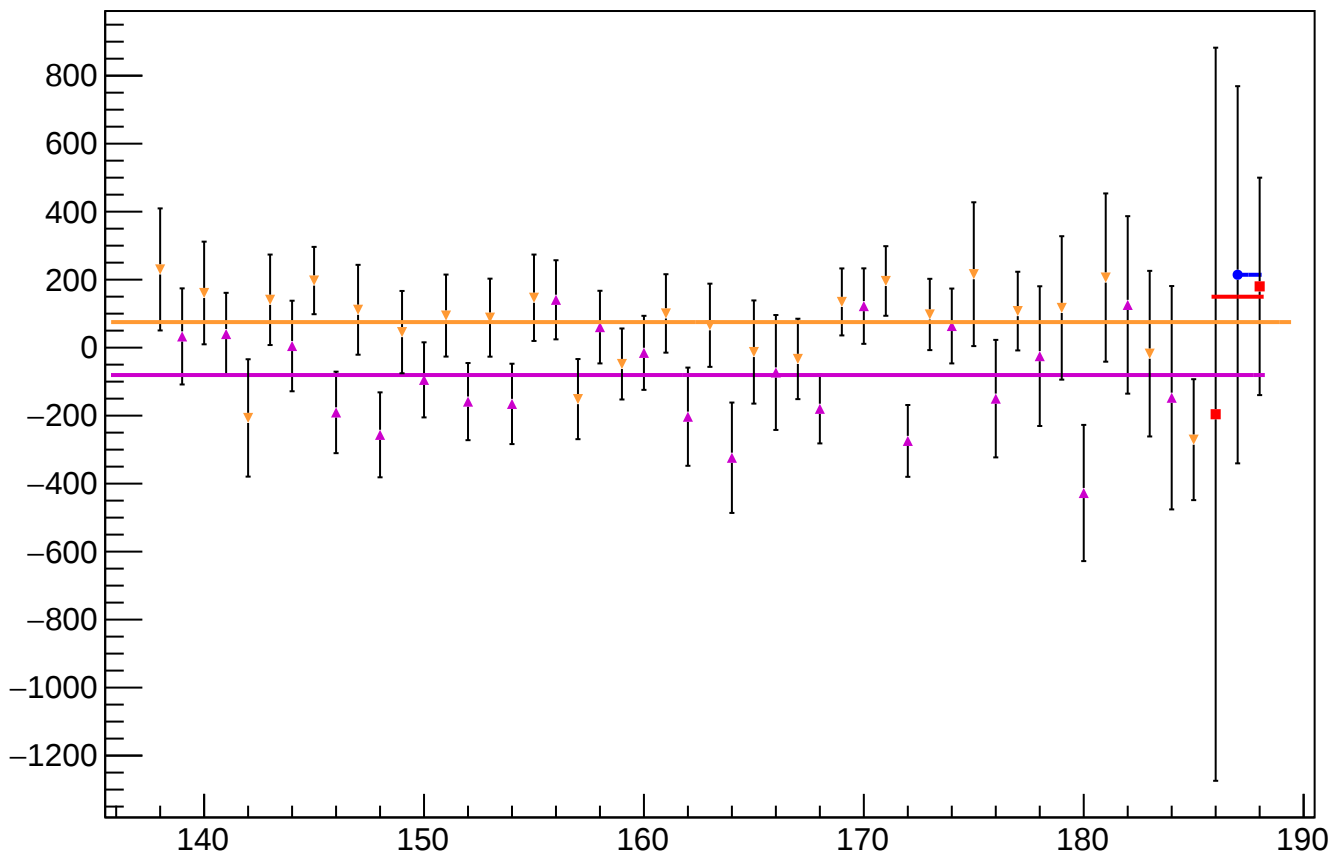
Left In: 693.615 $\pm$ 0.118 χ^2 /NDF: 520692.6/22

+ sign 693.297 $\pm$ 0.116 χ^2 /NDF: 802860.1/25

All: 696.411 $\pm$ 0.082 χ^2 /NDF: 2275114.7/50

- sign 699.646 $\pm$ 0.118 χ^2 /NDF: 1470772.8/24

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: 149.780 $\pm$ 306.600 χ^2 /NDF: 0.1/1

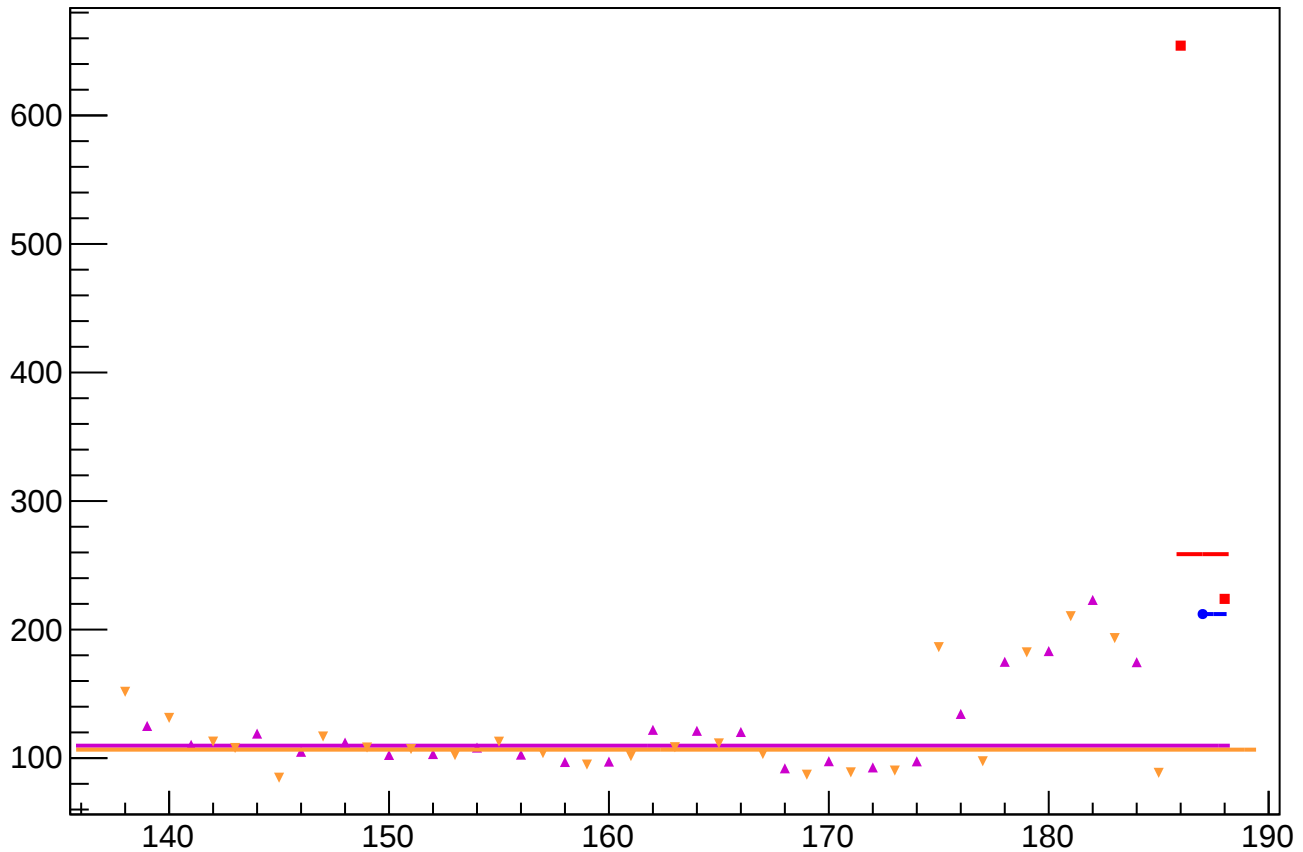
Left In: -80.580 $\pm$ 27.098 χ^2 /NDF:27.8/22

+ sign 75.462 $\pm$ 25.851 χ^2 /NDF: 18.9/25

All: 1.668 $\pm$ 18.670 χ^2 /NDF: 64.5/50

- sign -78.794 $\pm$ 26.993 χ^2 /NDF: 28.5/24

dit_asym_sam_3748_avg_rms vs Slug



Right In: 212.077 $\pm$ 0.392 χ^2 /NDF: 0.0/0

Left Out: 106.584 $\pm$ 0.018 χ^2 /NDF: 1699202.1/24

Right Out: 258.684 $\pm$ 0.217 χ^2 /NDF: 292901.0/1

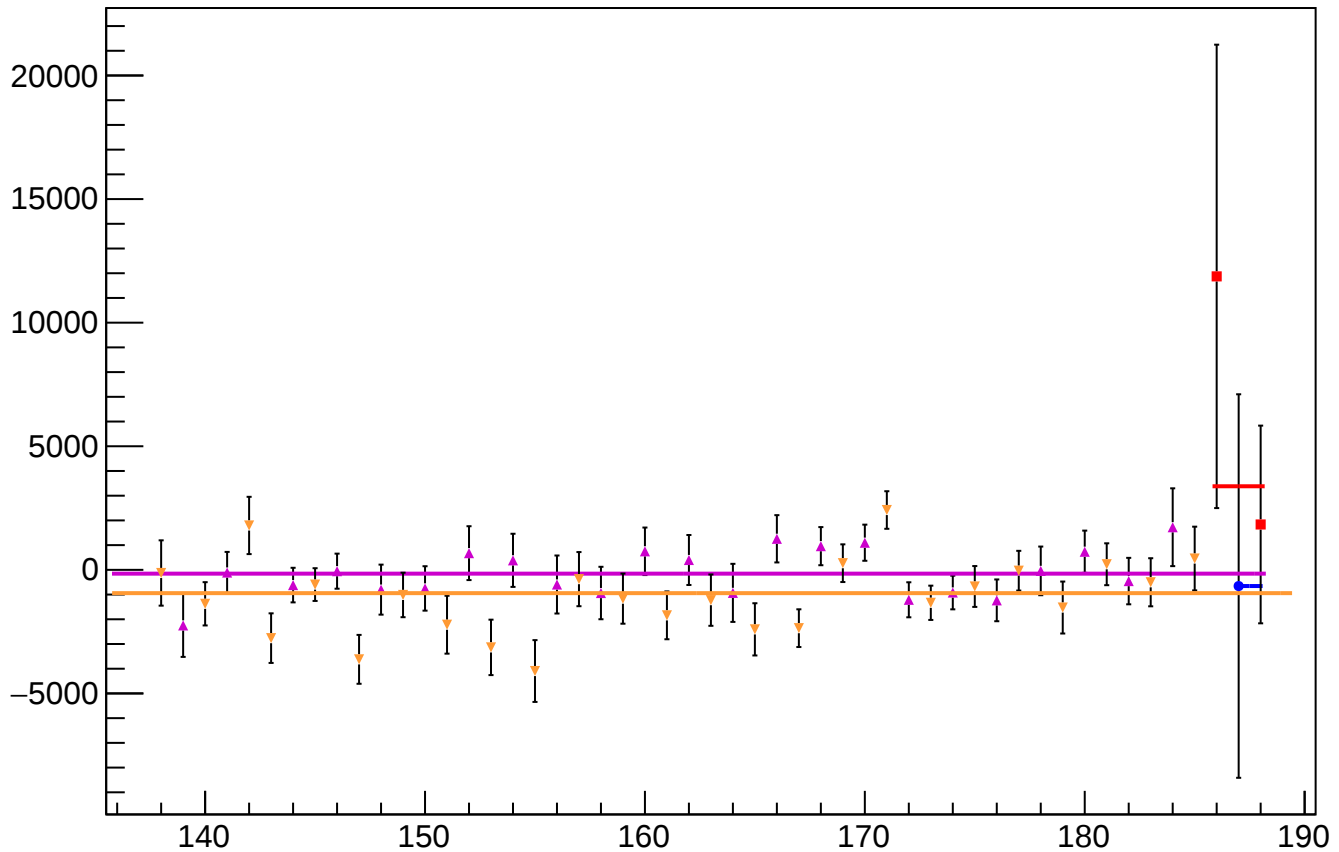
Left In: 109.672 $\pm$ 0.019 χ^2 /NDF: 1274240.2/22

+ sign 106.813 $\pm$ 0.018 χ^2 /NDF: 1771374.2/25

All: 108.733 $\pm$ 0.013 χ^2 /NDF: 3830343.0/50

- sign 110.827 $\pm$ 0.019 χ^2 /NDF: 2035899.1/24

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: 3381.171 ± 3678.573 χ^2/NDF : 1.0/1

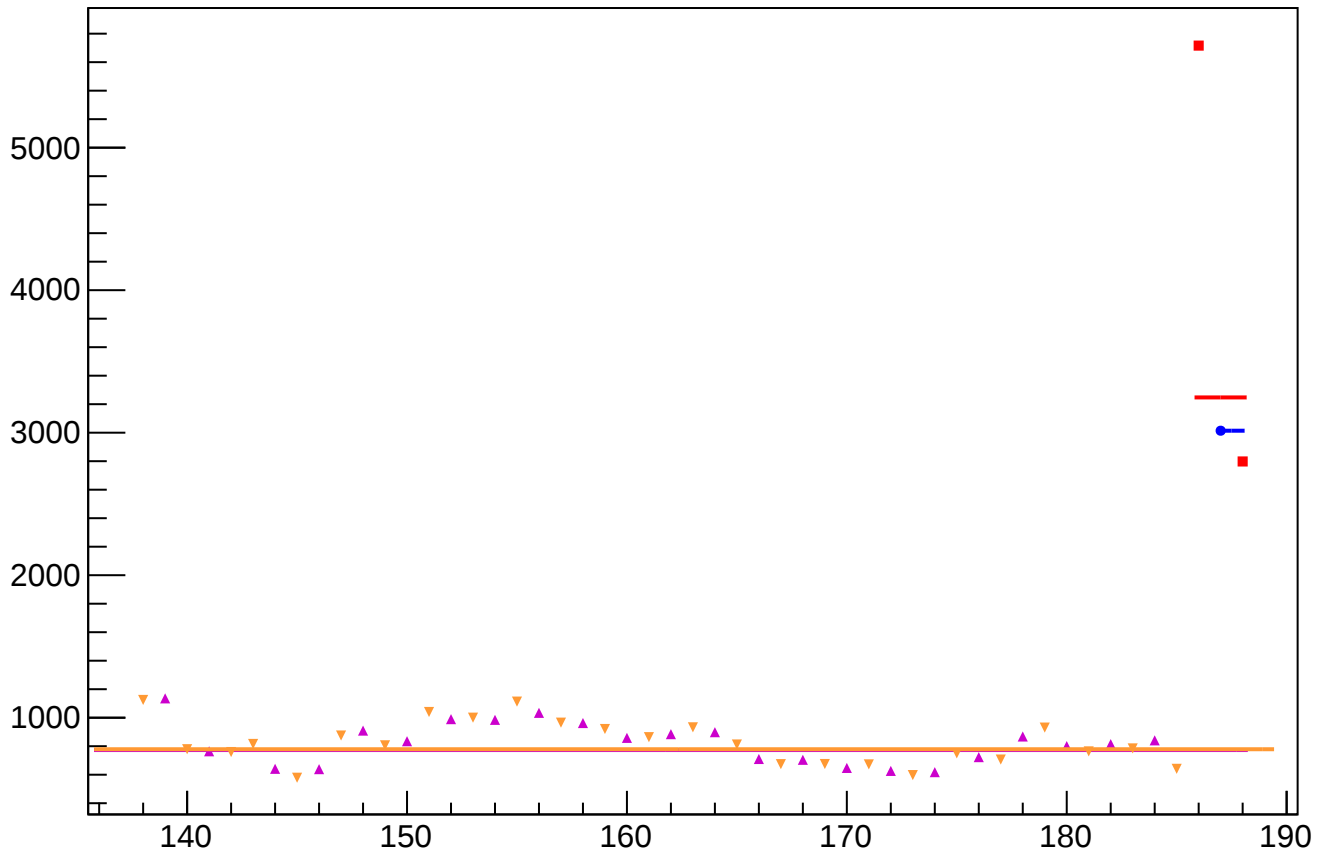
Left In: -153.898 ± 187.179 χ^2/NDF : 22.1/22

+ sign -942.473 ± 184.896 χ^2/NDF : 62.5/25

All: -548.001 ± 131.457 χ^2/NDF : 95.7/50

- sign -144.768 ± 186.937 χ^2/NDF : 24.0/24

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: 3247.445+/-2.601 χ^2/NDF : 163954.4/1

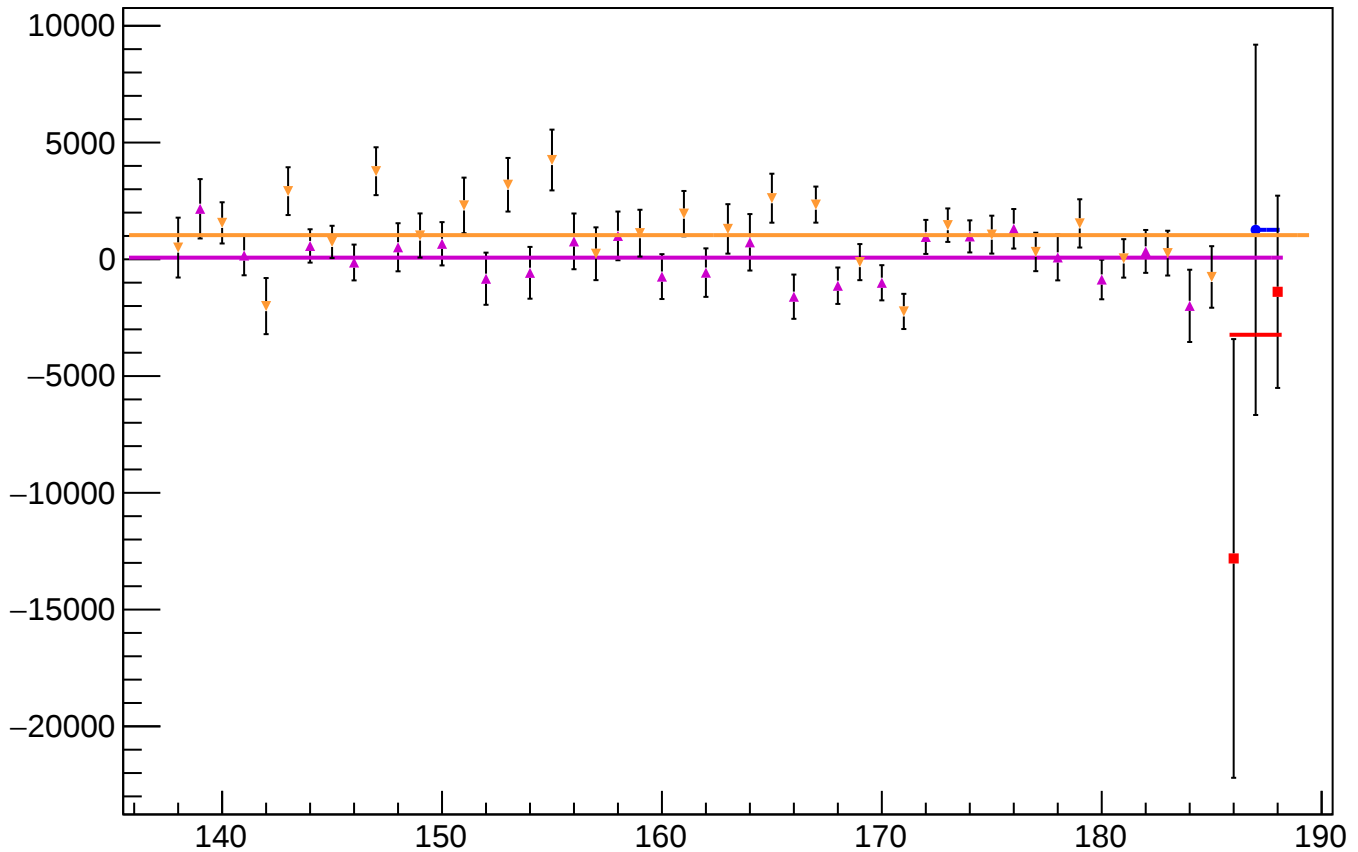
Left In: 773.111+/-0.132 χ^2/NDF : 1041042.3/22

+ sign 780.045+/-0.131 χ^2/NDF : 1322951.2/25

All: 779.776+/-0.093 χ^2/NDF : 3430492.9/50

- sign 779.501+/-0.132 χ^2/NDF : 2107533.2/24

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: -3231.481 $\pm$ 3770.928 χ^2 /NDF: 1.2/1

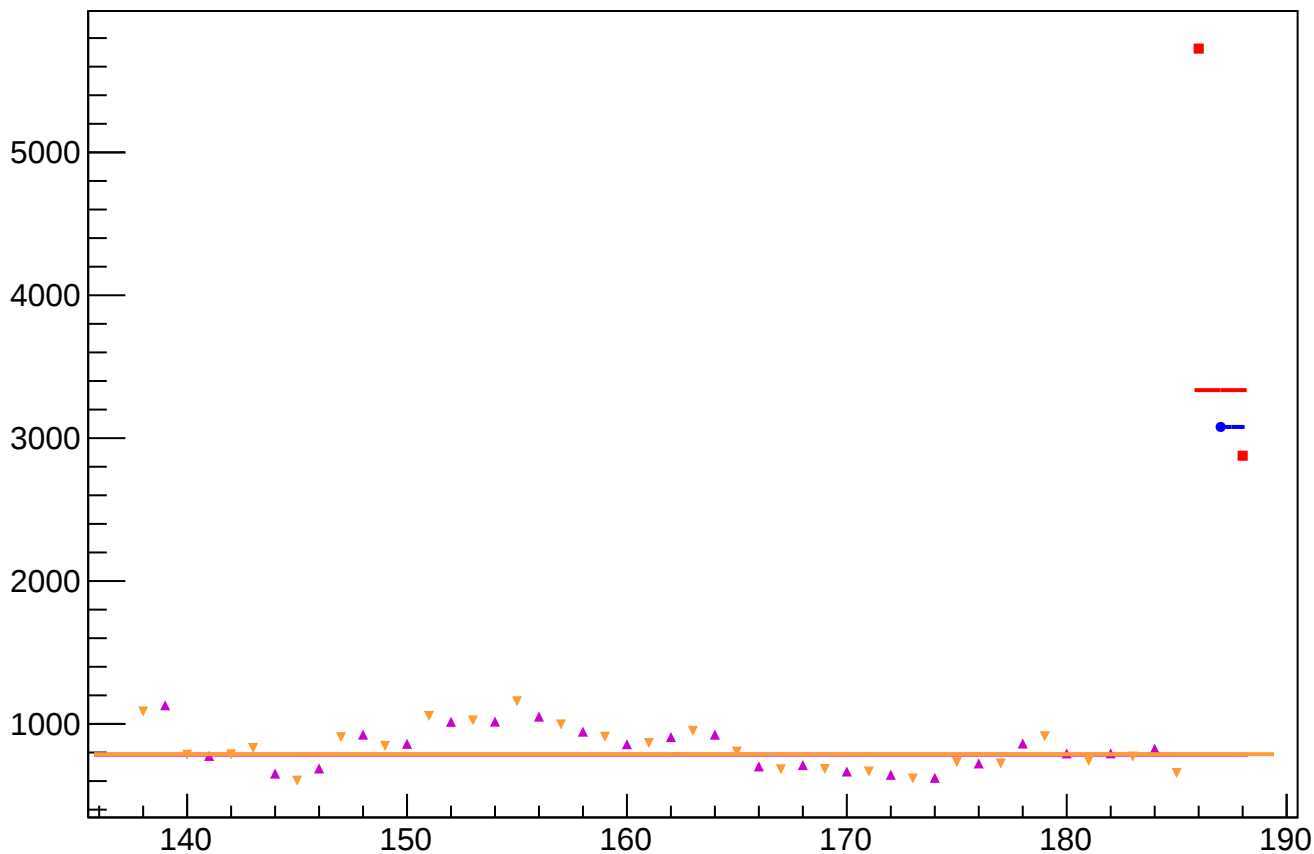
Left In: 70.852 $\pm$ 190.155 χ^2 /NDF:23.4/22

+ sign 1035.731 $\pm$ 187.191 χ^2 /NDF: 61.4/25

All: 556.130 $\pm$ 133.316 χ^2 /NDF: 100.1/50

- sign 62.475 $\pm$ 189.914 χ^2 /NDF: 25.4/24

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: 3336.239 $\pm$ 2.666 χ^2 /NDF: 154331.2/1

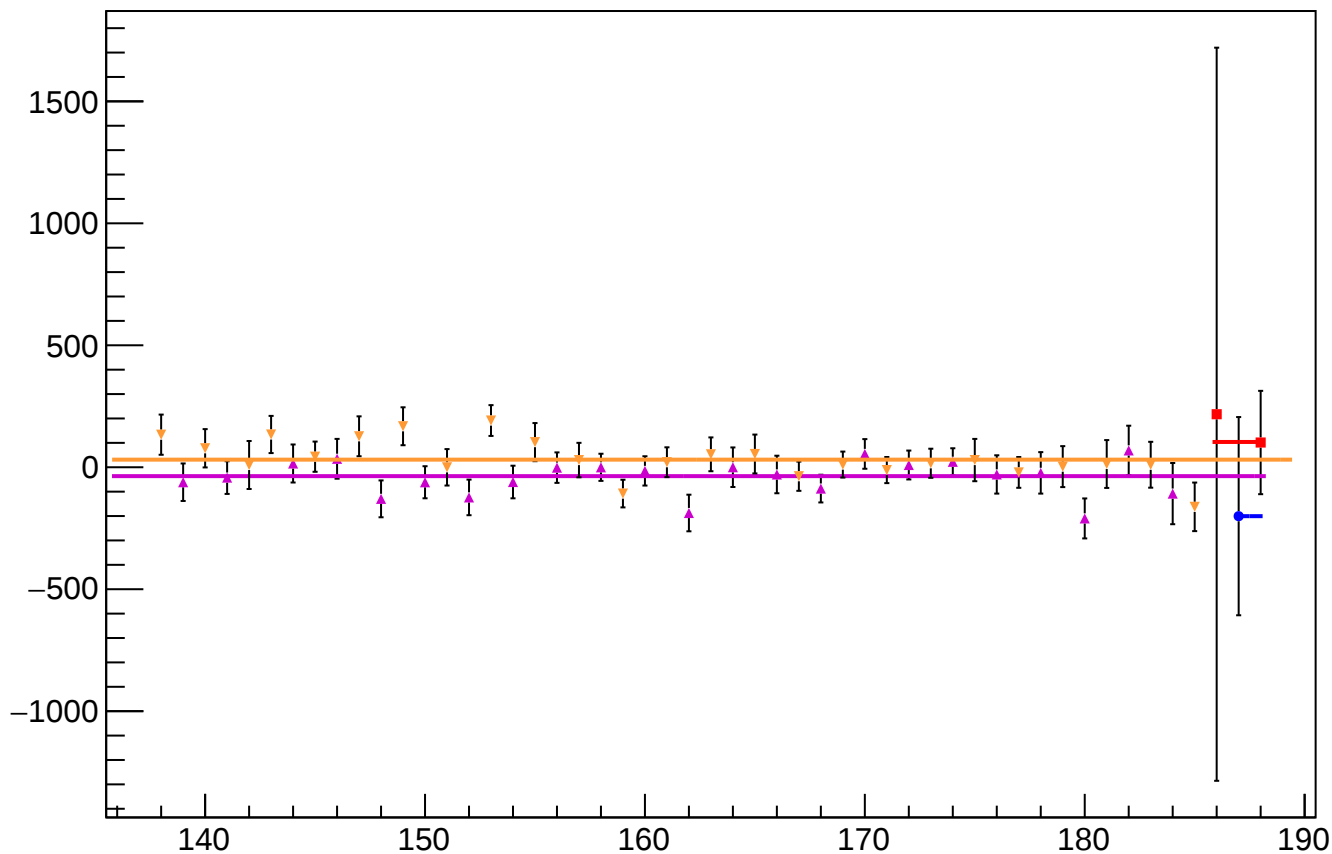
Left In: 785.179 $\pm$ 0.134 χ^2 /NDF: 976942.0/22

+ sign 789.258 $\pm$ 0.132 χ^2 /NDF: 1280780.2/25

All: 790.436 $\pm$ 0.094 χ^2 /NDF: 3325216.8/50

- sign 791.649 $\pm$ 0.134 χ^2 /NDF: 2044275.6/24

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: 103.674 ± 209.733 χ^2/NDF : 0.0/1

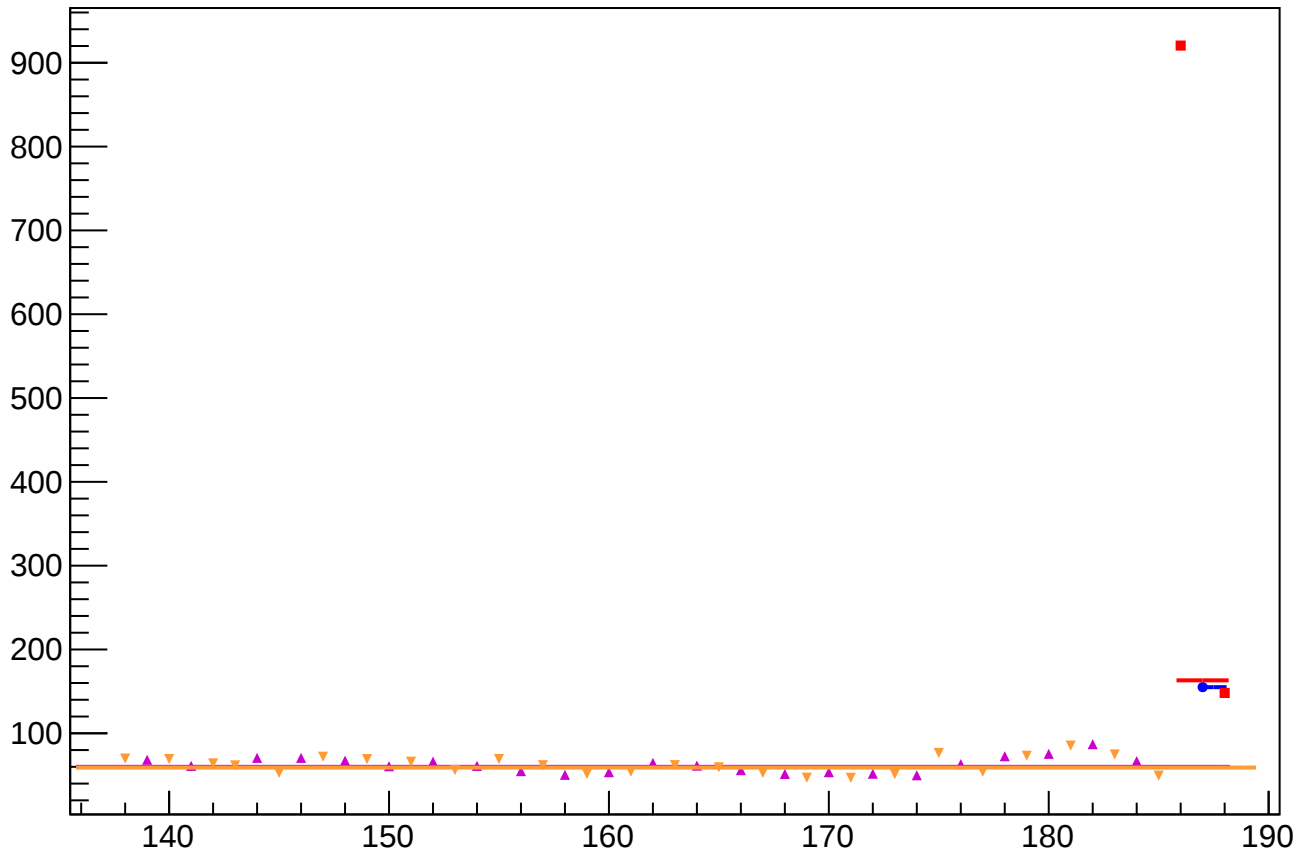
Left In: -36.408 ± 14.614 χ^2/NDF : 20.4/22

+ sign 30.910 ± 14.125 χ^2/NDF : 29.1/25

All: -1.357 ± 10.145 χ^2/NDF : 60.7/50

- sign -35.731 ± 14.579 χ^2/NDF : 20.8/24

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: 163.183 $\pm$ 0.148 χ^2 /NDF: 518113.3/1

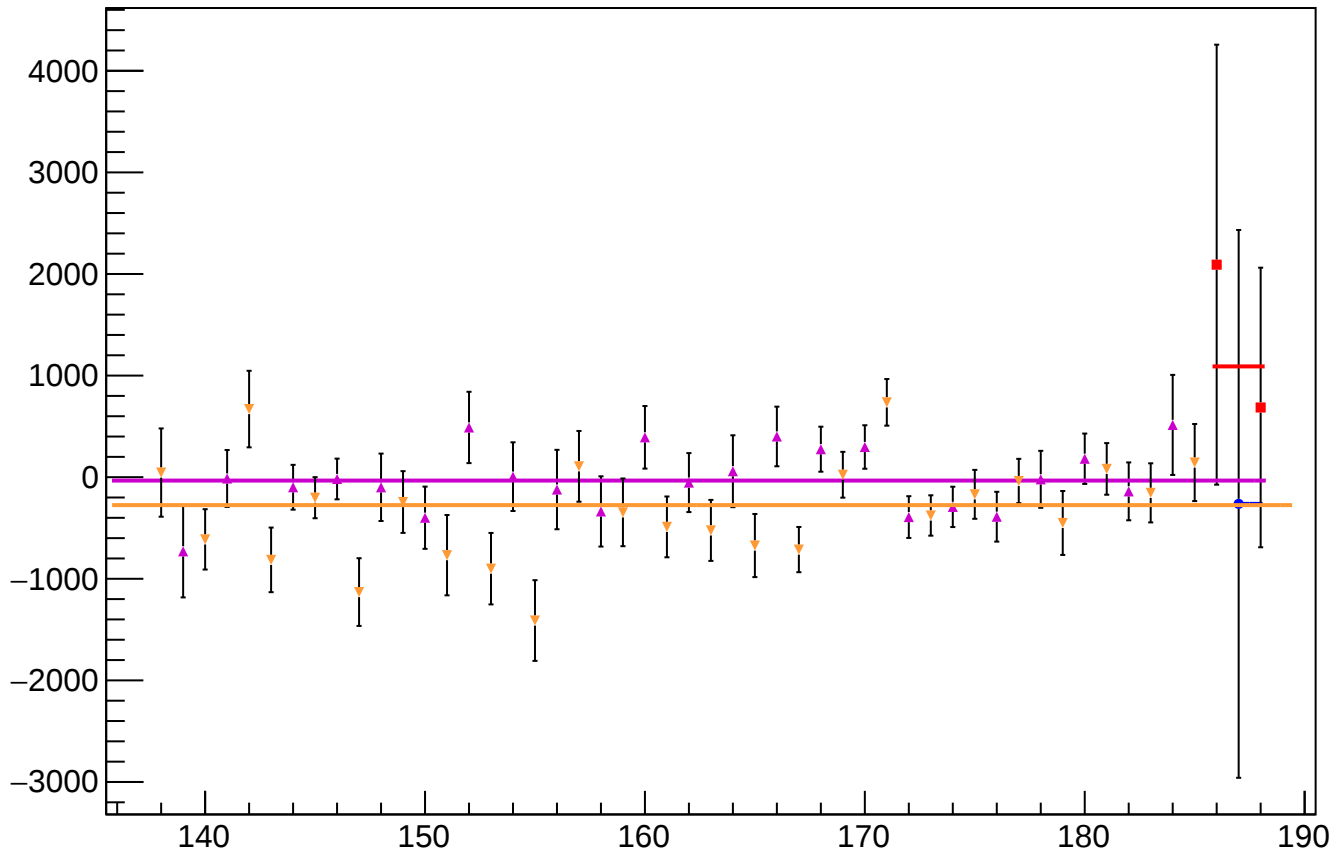
Left In: 59.978 $\pm$ 0.010 χ^2 /NDF: 677833.4/22

+ sign 59.223 $\pm$ 0.010 χ^2 /NDF: 1032983.0/25

All: 59.830 $\pm$ 0.007 χ^2 /NDF: 2718497.4/50

- sign 60.476 $\pm$ 0.010 χ^2 /NDF: 1677883.9/24

asym_sam_1526_avg_correction_mean vs Slug



Right In: -262.808 $\pm$ 2696.059 χ^2 /NDF: 0.0/0

Left Out: -274.844 $\pm$ 56.307 χ^2 /NDF: 65.1/24

Right Out: 1090.431 $\pm$ 1161.385 χ^2 /NDF: 0.3/1

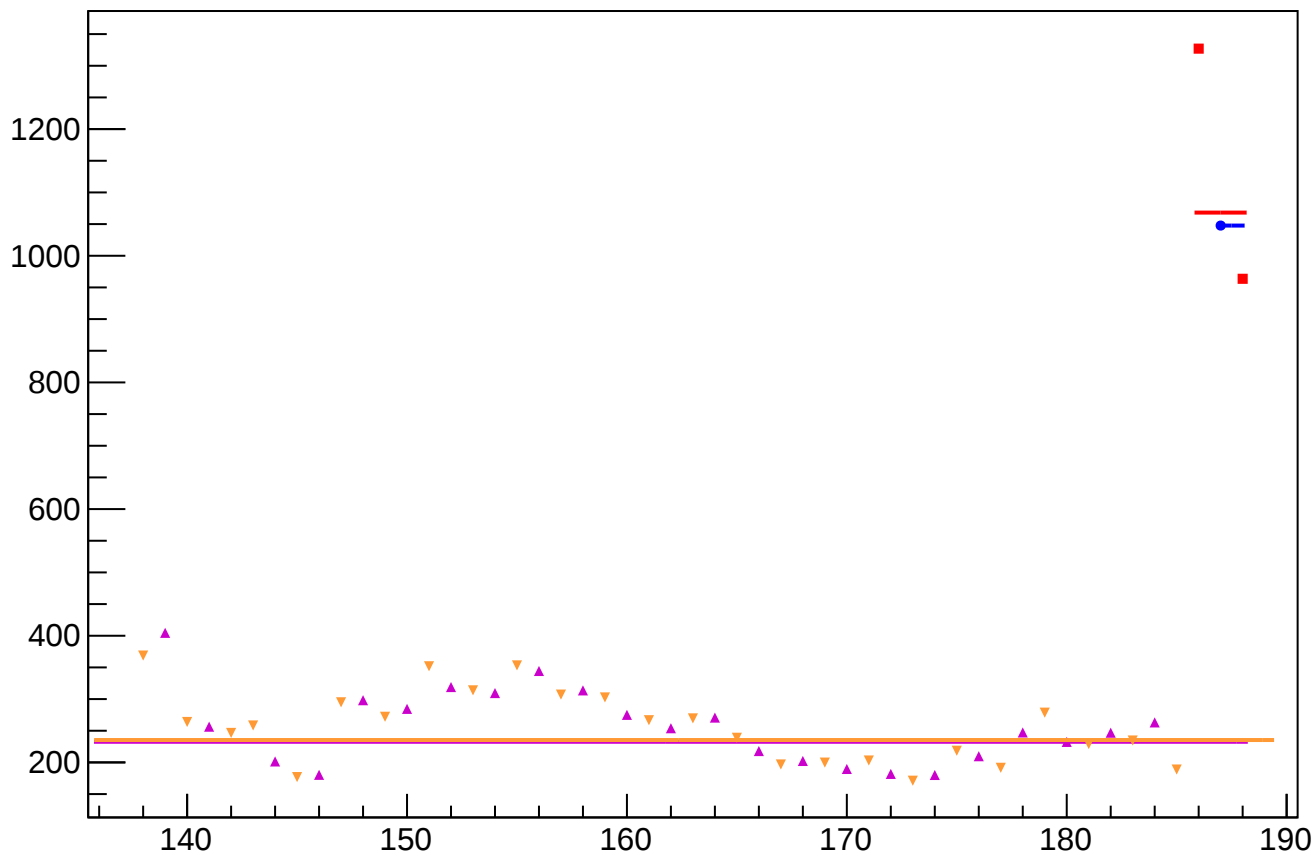
Left In: -33.239 $\pm$ 56.795 χ^2 /NDF: 24.5/22

+ sign -274.839 $\pm$ 56.295 χ^2 /NDF: 65.1/25

All: -153.634 $\pm$ 39.958 χ^2 /NDF: 100.2/50

- sign -30.558 $\pm$ 56.727 χ^2 /NDF: 25.7/24

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: 1068.162 $\pm$ 0.821 χ^2 /NDF: 40124.8/1

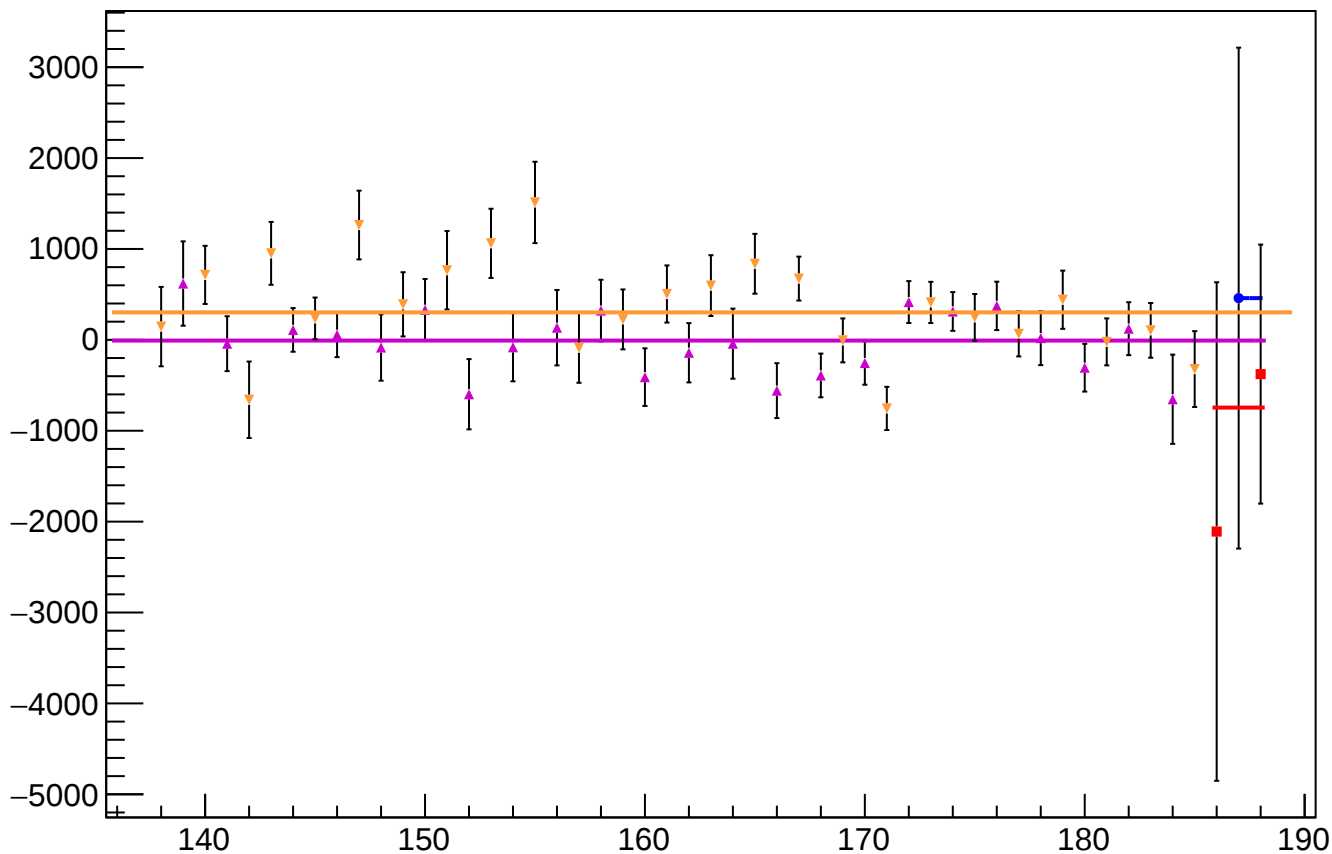
Left In: 232.577 $\pm$ 0.040 χ^2 /NDF: 1604382.8/22

+ sign 235.681 $\pm$ 0.040 χ^2 /NDF: 1843477.3/25

All: 235.130 $\pm$ 0.028 χ^2 /NDF: 4521184.8/50

- sign 234.570 $\pm$ 0.040 χ^2 /NDF: 2677320.7/24

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: -745.035 $\pm$ 1264.414 χ^2 /NDF: 0.3/1

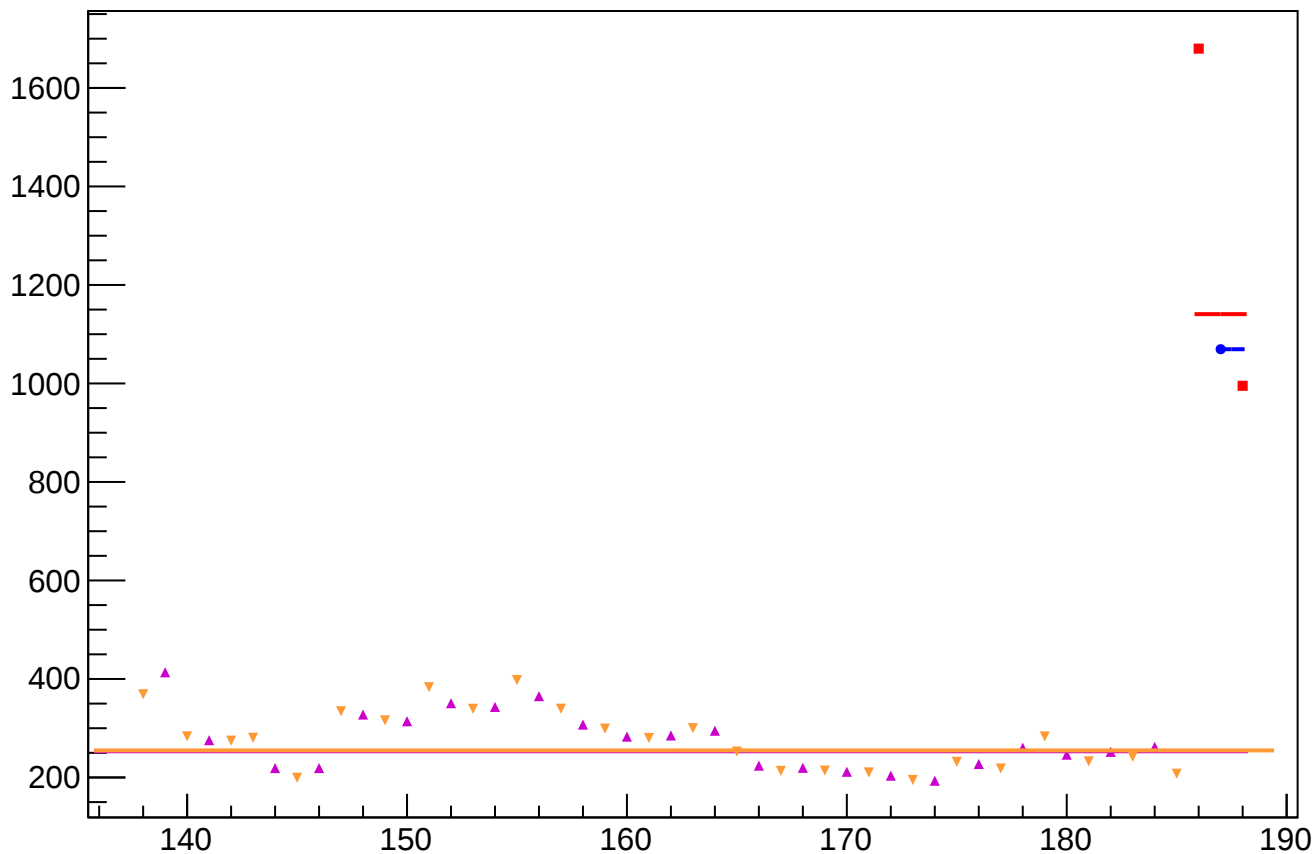
Left In: -7.915 $\pm$ 61.726 χ^2 /NDF:26.3/22

+ sign 302.497 $\pm$ 60.976 χ^2 /NDF: 63.8/25

All: 148.137 $\pm$ 43.353 χ^2 /NDF: 103.7/50

- sign -9.667 $\pm$ 61.652 χ^2 /NDF: 26.9/24

asym_sam_1526_avg_rms vs Slug



Right In: 1069.513+/-1.949 χ^2/NDF : 0.0/0

Left Out: 254.937+/-0.043 χ^2/NDF : 1541708.7/24

Right Out: 1140.764+/-0.894 χ^2/NDF : 98141.9/1

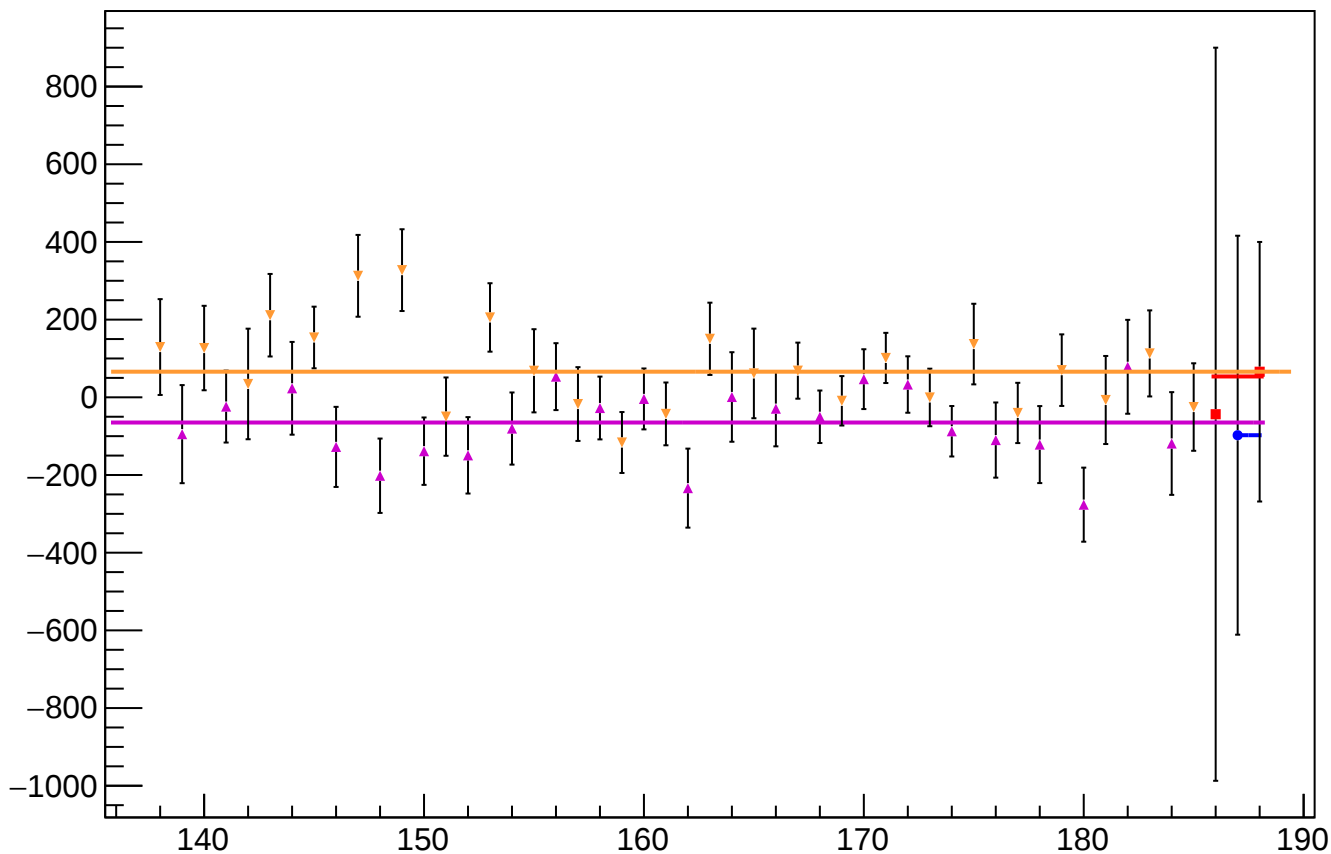
Left In: 253.170+/-0.044 χ^2/NDF : 1366527.6/22

+ sign 255.336+/-0.043 χ^2/NDF : 1716390.9/25

All: 255.309+/-0.031 χ^2/NDF : 4164271.0/50

- sign 255.280+/-0.044 χ^2/NDF : 2447879.3/24

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: 53.662 $\pm$ 314.950 χ^2 /NDF: 0.0/1

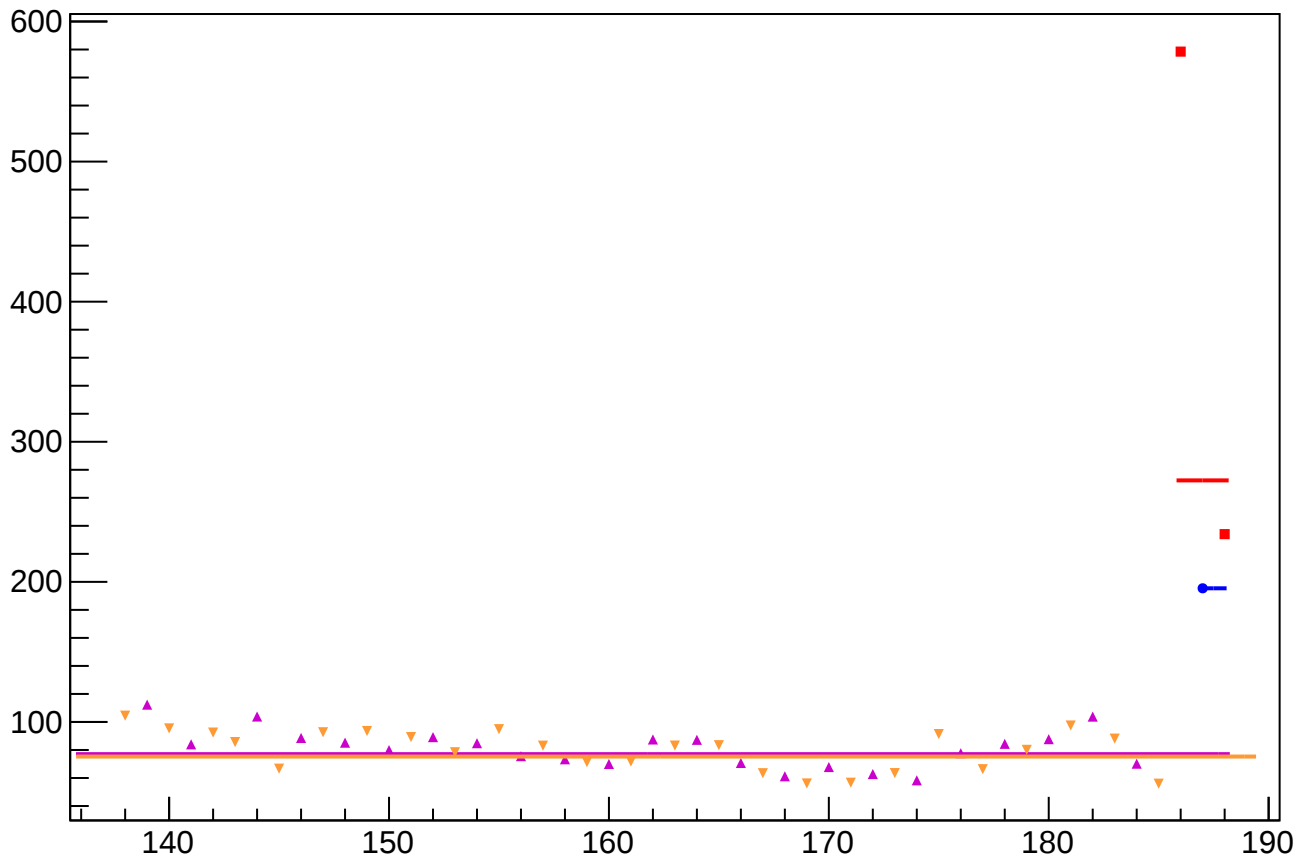
Left In: -64.899 $\pm$ 18.925 χ^2 /NDF:21.7/22

+ sign 65.765 $\pm$ 18.139 χ^2 /NDF: 34.2/25

All: 3.287 $\pm$ 13.084 χ^2 /NDF: 80.8/50

- sign -64.473 $\pm$ 18.891 χ^2 /NDF: 21.9/24

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: 272.435 $\pm$ 0.223 χ^2 /NDF: 236757.5/1

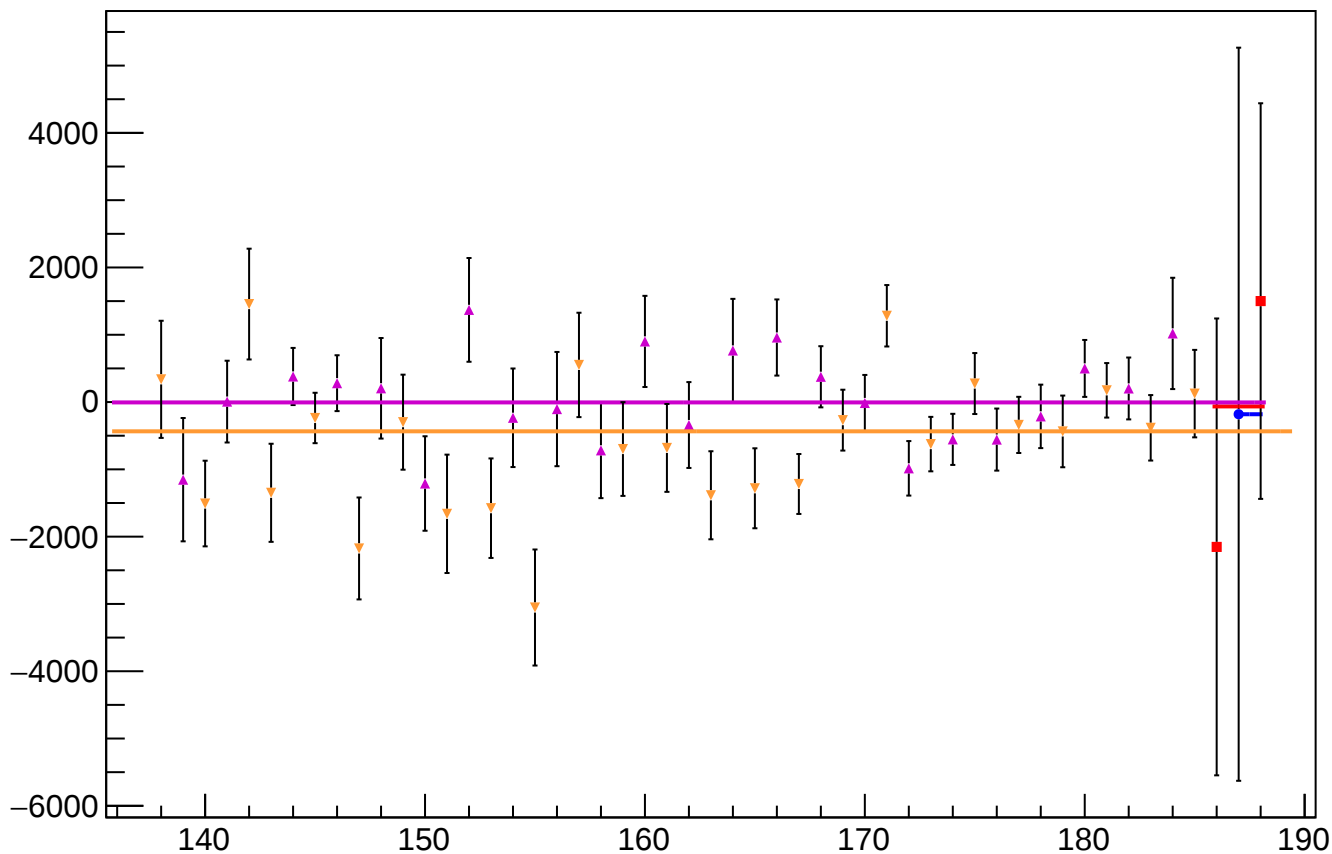
Left In: 77.021 $\pm$ 0.013 χ^2 /NDF:941637.3/22

+ sign 75.462 $\pm$ 0.013 χ^2 /NDF: 1326086.5/25

All: 76.547 $\pm$ 0.009 χ^2 /NDF: 3286579.0/50

- sign 77.724 $\pm$ 0.013 χ^2 /NDF: 1945561.5/24

asym_sam_3726_avg_correction_mean vs Slug



Right In: -180.936 ± 5447.242 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -434.815 ± 110.841 $\chi^2/\text{NDF}: 58.8/24$

Right Out: -64.774 ± 2222.159 $\chi^2/\text{NDF}: 0.7/1$

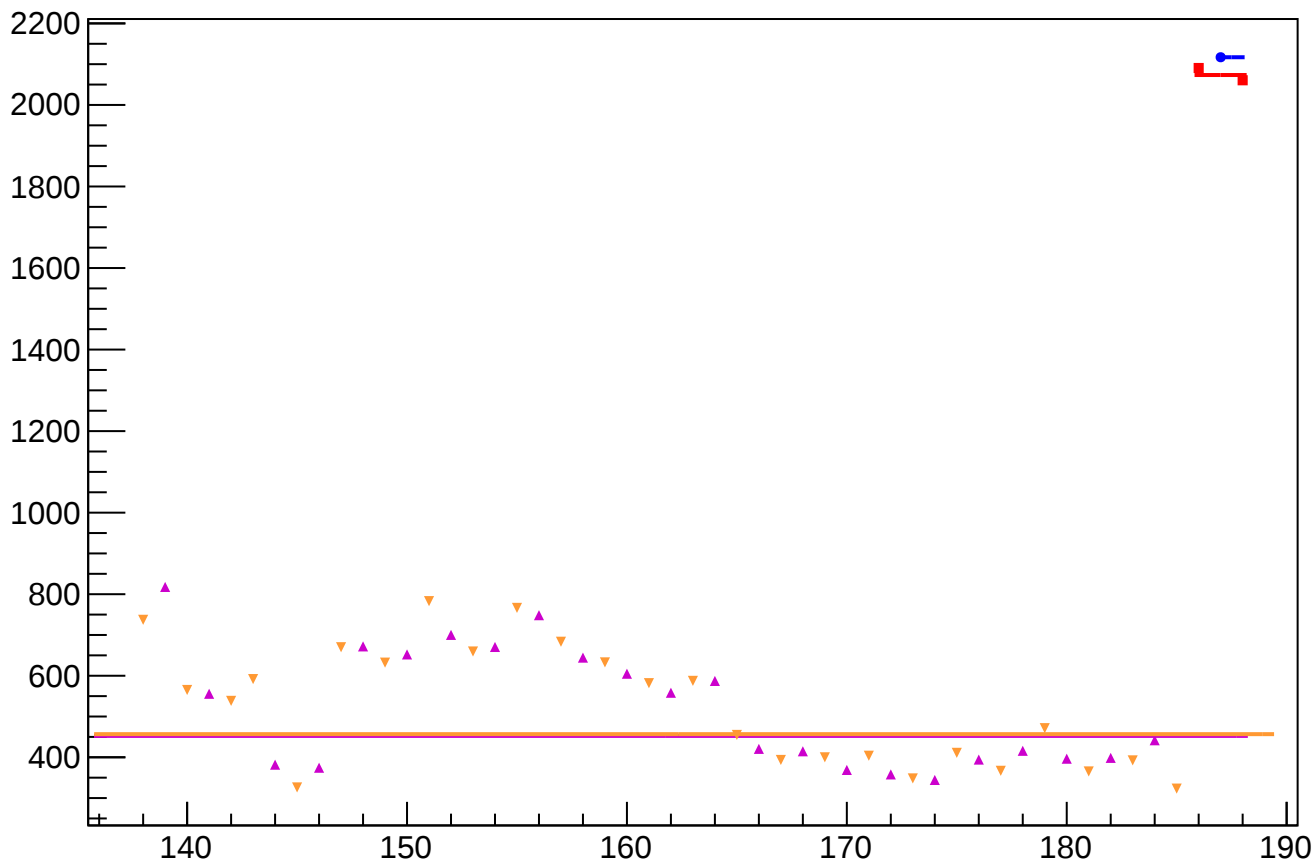
Left In: -5.353 ± 111.755 $\chi^2/\text{NDF}: 29.6/22$

+ sign -434.710 ± 110.818 $\chi^2/\text{NDF}: 58.8/25$

All: -221.642 ± 78.640 $\chi^2/\text{NDF}: 96.5/50$

- sign -5.502 ± 111.614 $\chi^2/\text{NDF}: 30.3/24$

asym_sam_3726_avg_correction_rms vs Slug



Right In: 2117.004 $\pm$ 3.852 χ^2/NDF : 0.0/0

Left Out: 456.743 $\pm$ 0.078 χ^2/NDF :2593665.9/24

Right Out: 2073.406 $\pm$ 1.571 χ^2/NDF : 89.9/1

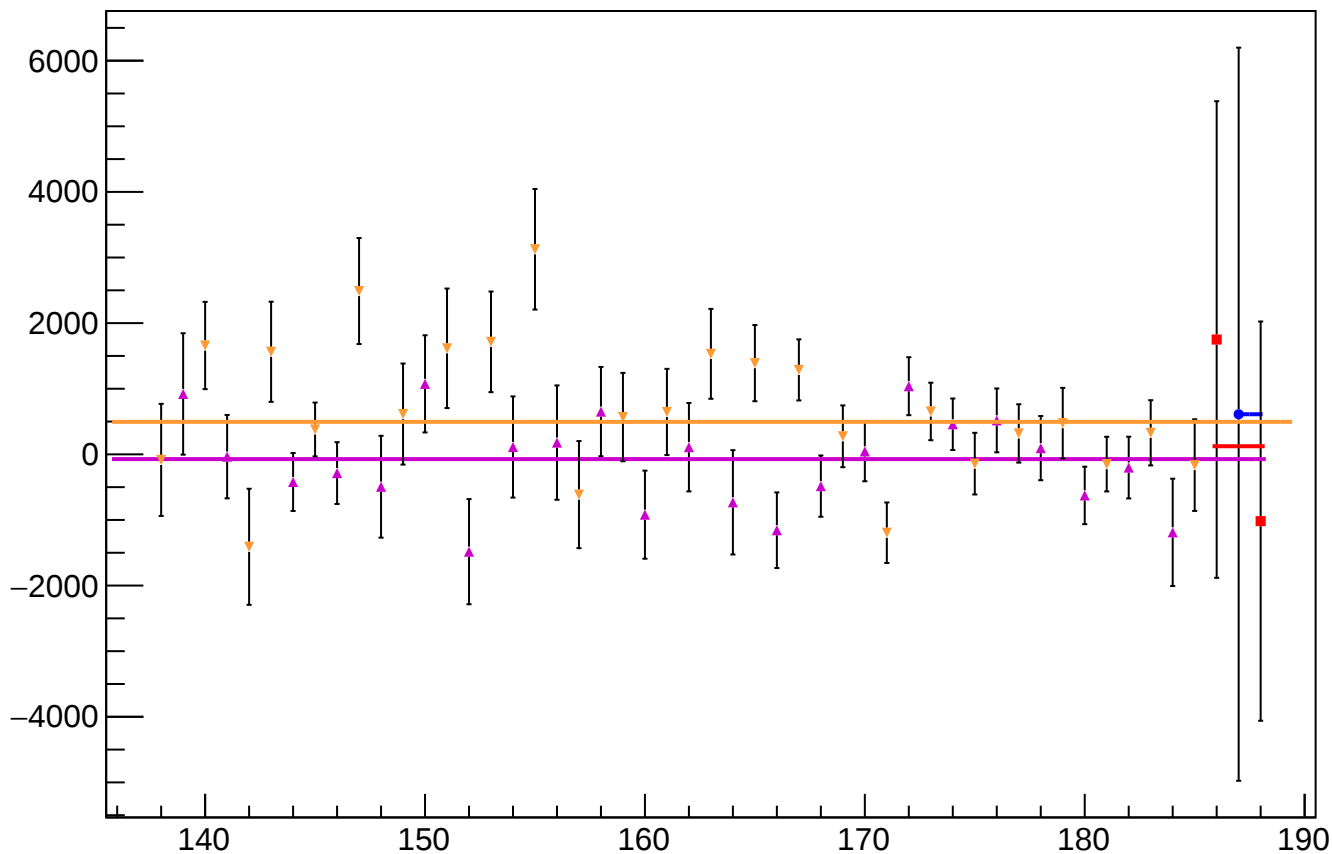
Left In: 452.439 $\pm$ 0.079 χ^2/NDF :2305796.6/22

+ sign 457.430 $\pm$ 0.078 χ^2/NDF : 2779382.1/25

All: 456.983 $\pm$ 0.056 χ^2/NDF : 6146862.2/50

- sign 456.528 $\pm$ 0.079 χ^2/NDF : 3367414.3/24

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: 123.560 $\pm$ 2332.444 χ^2 /NDF: 0.3/1

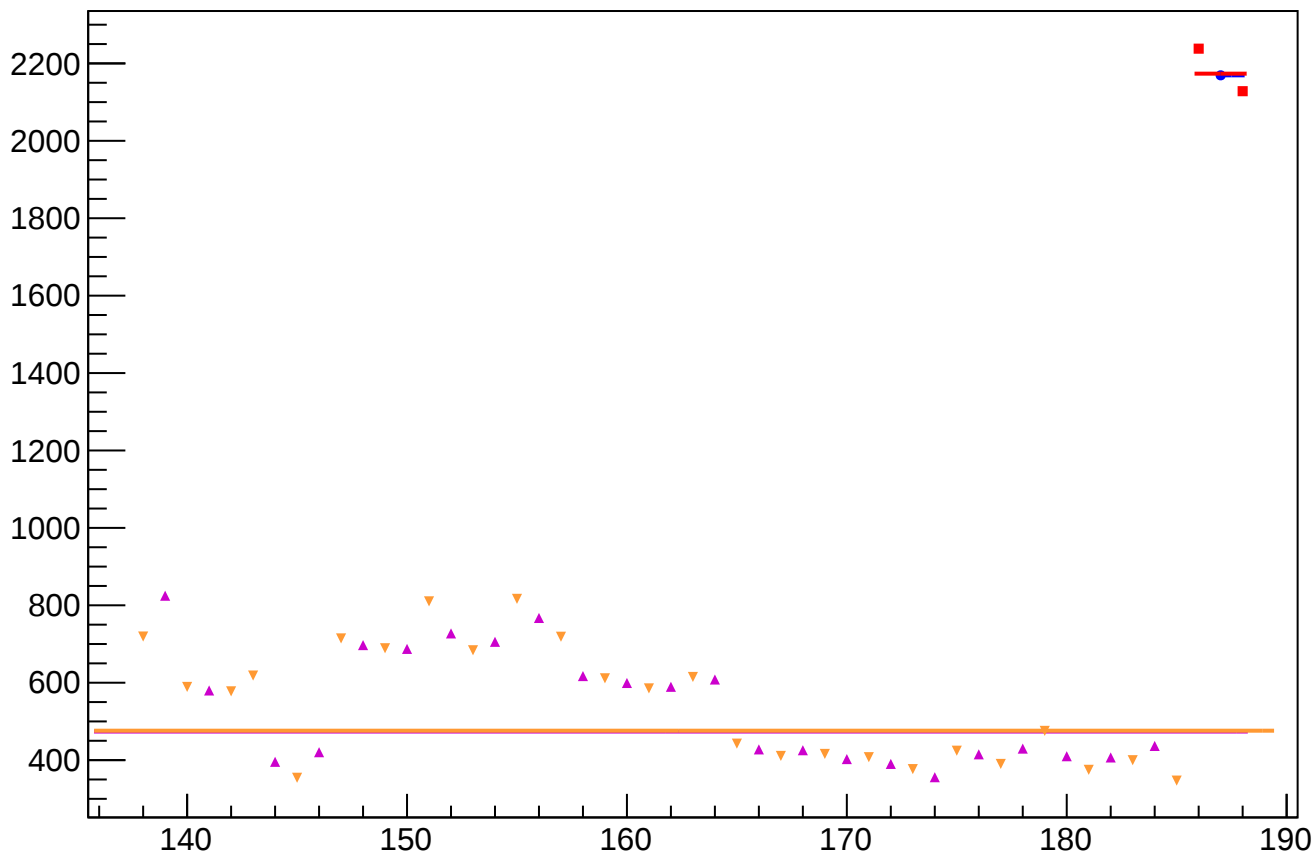
Left In: -72.627 $\pm$ 116.927 χ^2 /NDF:29.1/22

+ sign 495.309 $\pm$ 115.497 χ^2 /NDF: 57.2/25

All: 214.723 $\pm$ 82.119 χ^2 /NDF: 98.5/50

- sign -72.135 $\pm$ 116.781 χ^2 /NDF: 29.4/24

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: 2173.532 $\pm$ 1.649 χ^2 /NDF: 1075.6/1

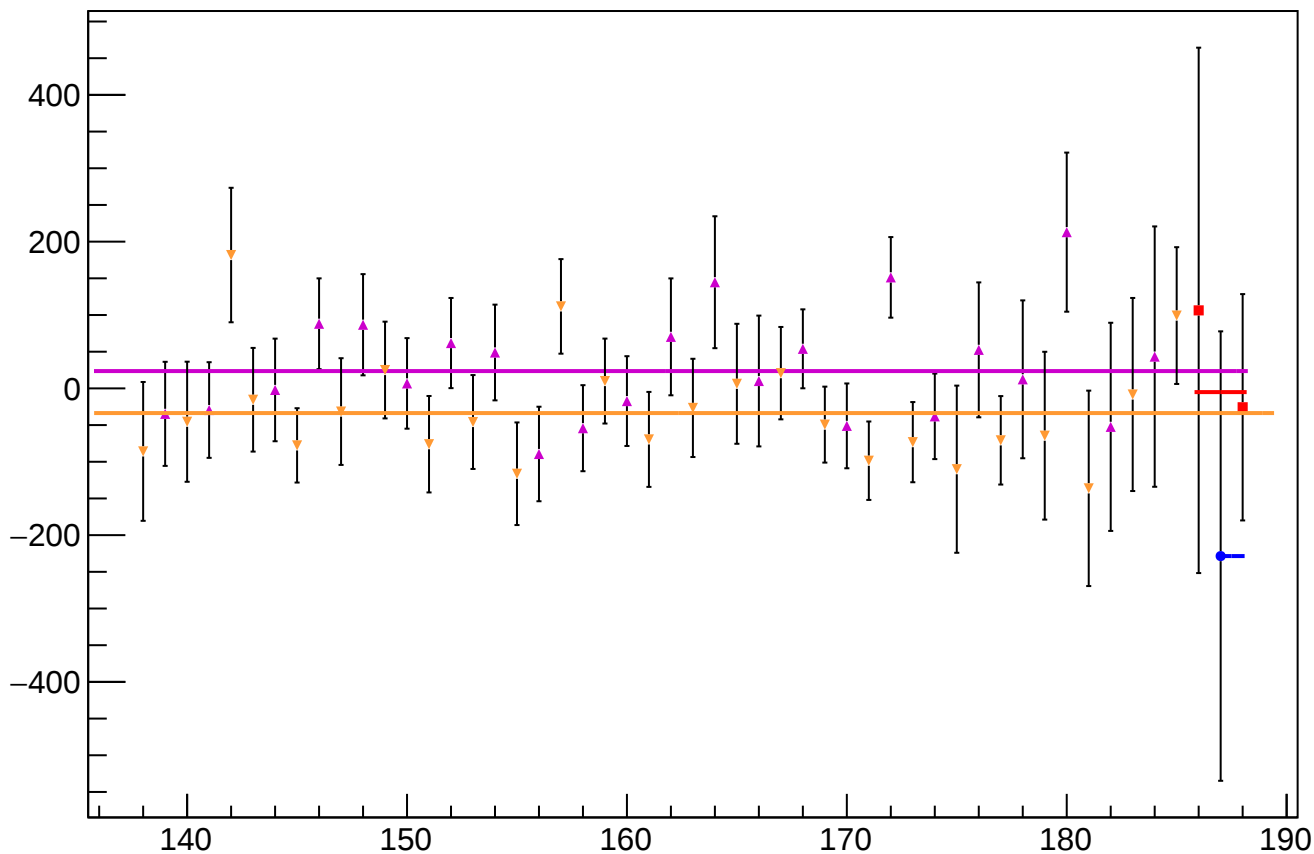
Left In: 473.824 $\pm$ 0.083 χ^2 /NDF: 2113753.1/22

+ sign 476.780 $\pm$ 0.082 χ^2 /NDF: 2645438.1/25

All: 477.425 $\pm$ 0.058 χ^2 /NDF: 5819808.1/50

- sign 478.085 $\pm$ 0.083 χ^2 /NDF: 3174243.9/24

dit_asym_sam_15_48_dd_mean vs Slug



Right In: -228.525 $\pm$ 306.271 χ^2 /NDF: 0.0/0

Left Out: -33.628 $\pm$ 13.882 χ^2 /NDF:21.9/24

Right Out: -5.059 $\pm$ 141.650 χ^2 /NDF: 0.1/1

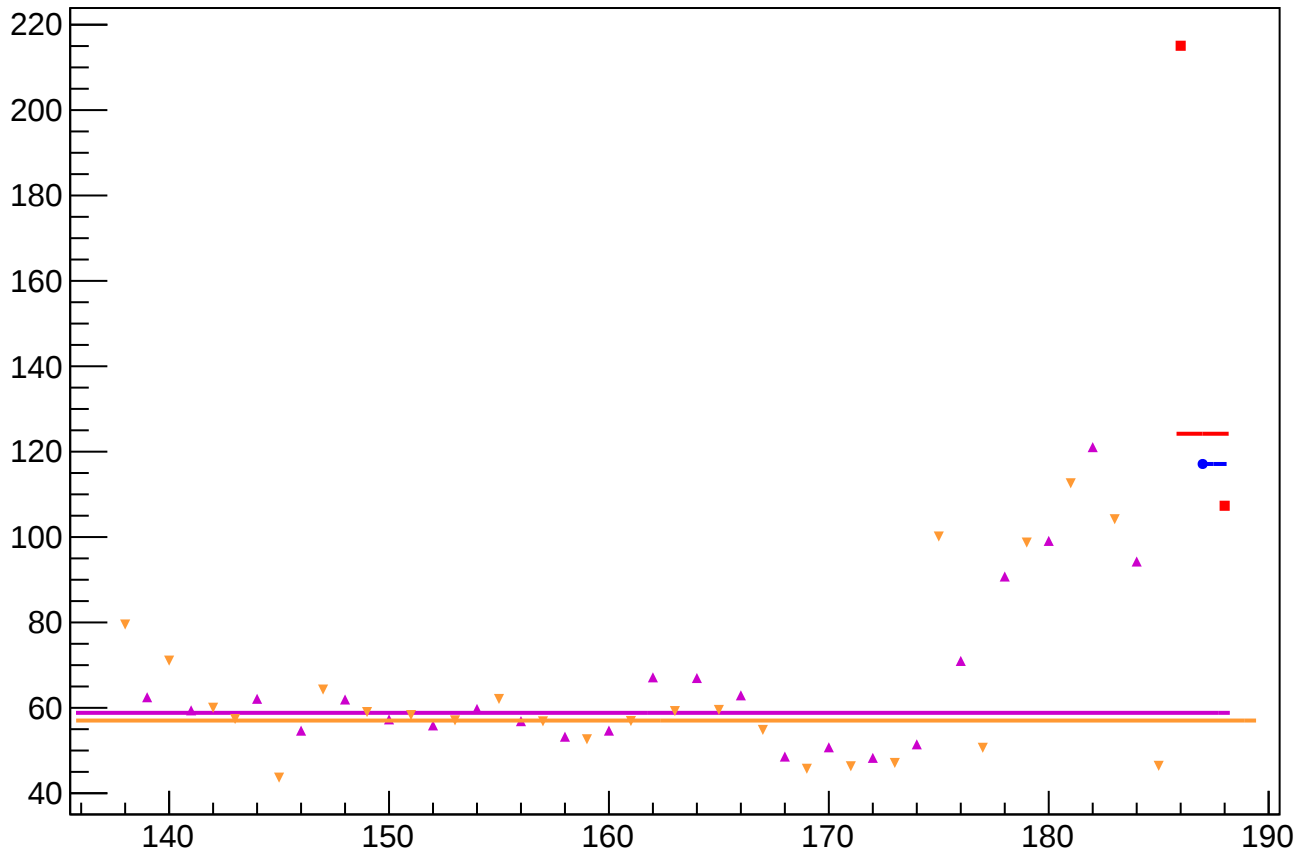
Left In: 23.597 $\pm$ 14.554 χ^2 /NDF:23.5/22

+ sign -34.028 $\pm$ 13.868 χ^2 /NDF: 22.3/25

All: -6.598 $\pm$ 10.015 χ^2 /NDF: 54.1/50

- sign 23.298 $\pm$ 14.478 χ^2 /NDF: 23.6/24

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: 124.197 $\pm$ 0.100 χ^2/NDF : 152766.4/1

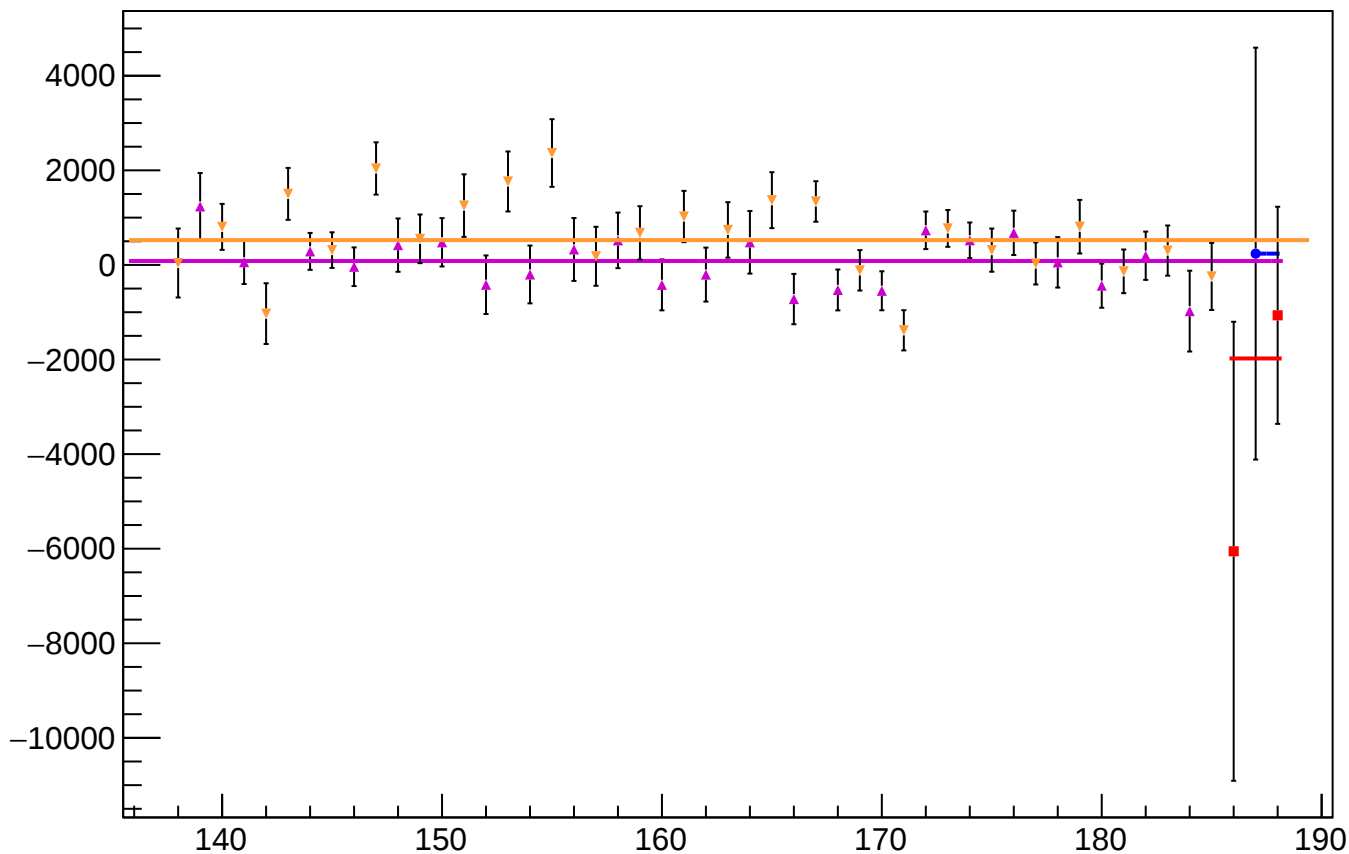
Left In: 58.829 $\pm$ 0.010 χ^2/NDF : 1270108.1/22

+ sign 57.149 $\pm$ 0.010 χ^2/NDF : 1888408.0/25

All: 58.280 $\pm$ 0.007 χ^2/NDF : 3760537.1/50

- sign 59.512 $\pm$ 0.010 χ^2/NDF : 1844338.7/24

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: -1977.832 $\pm$ 2075.230 χ^2 /NDF: 0.9/1

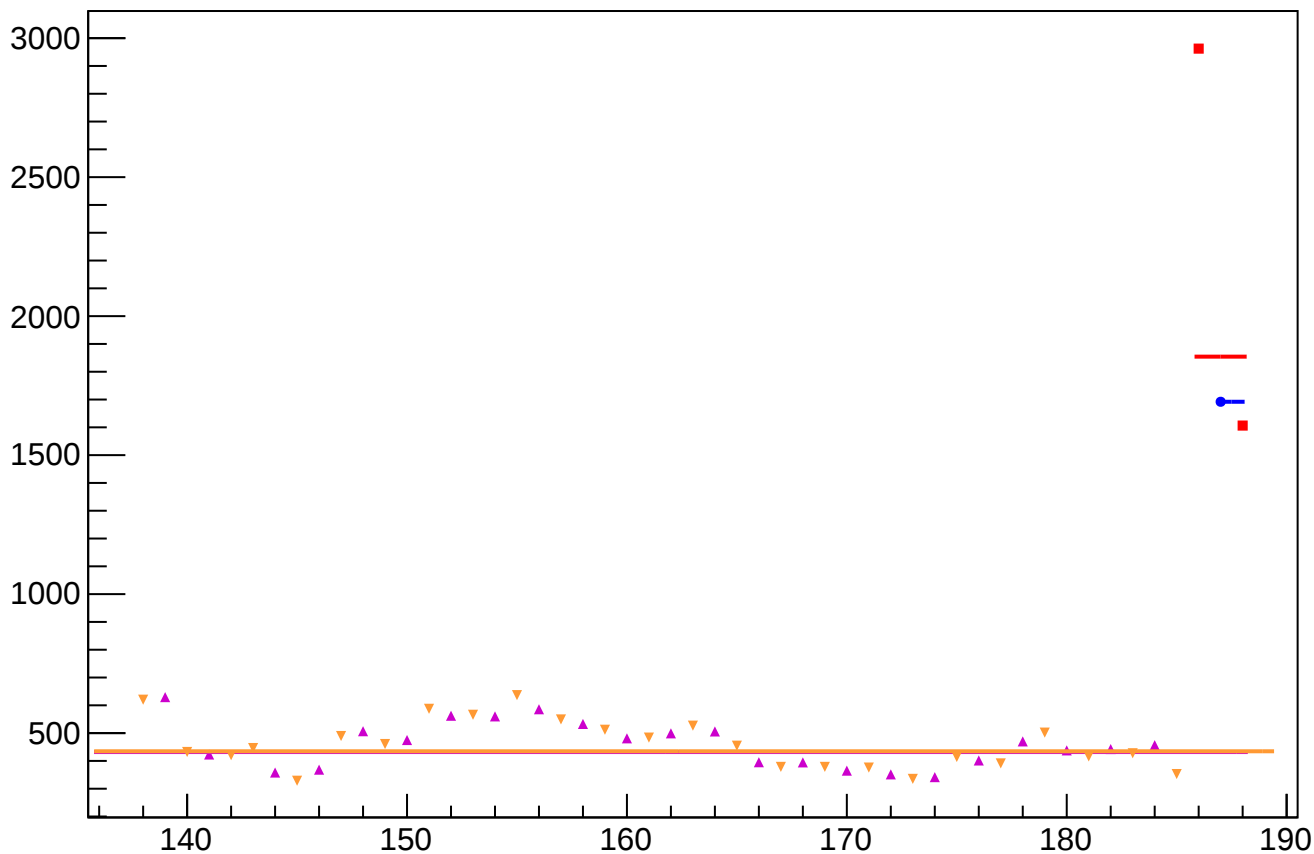
Left In: 82.501 $\pm$ 104.550 χ^2 /NDF:22.1/22

+ sign 524.342 $\pm$ 103.208 χ^2 /NDF: 64.2/25

All: 303.417 $\pm$ 73.403 χ^2 /NDF: 97.4/50

- sign 77.285 $\pm$ 104.417 χ^2 /NDF: 24.0/24

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: 1854.313 $\pm$ 1.467 χ^2 /NDF: 127600.1/1

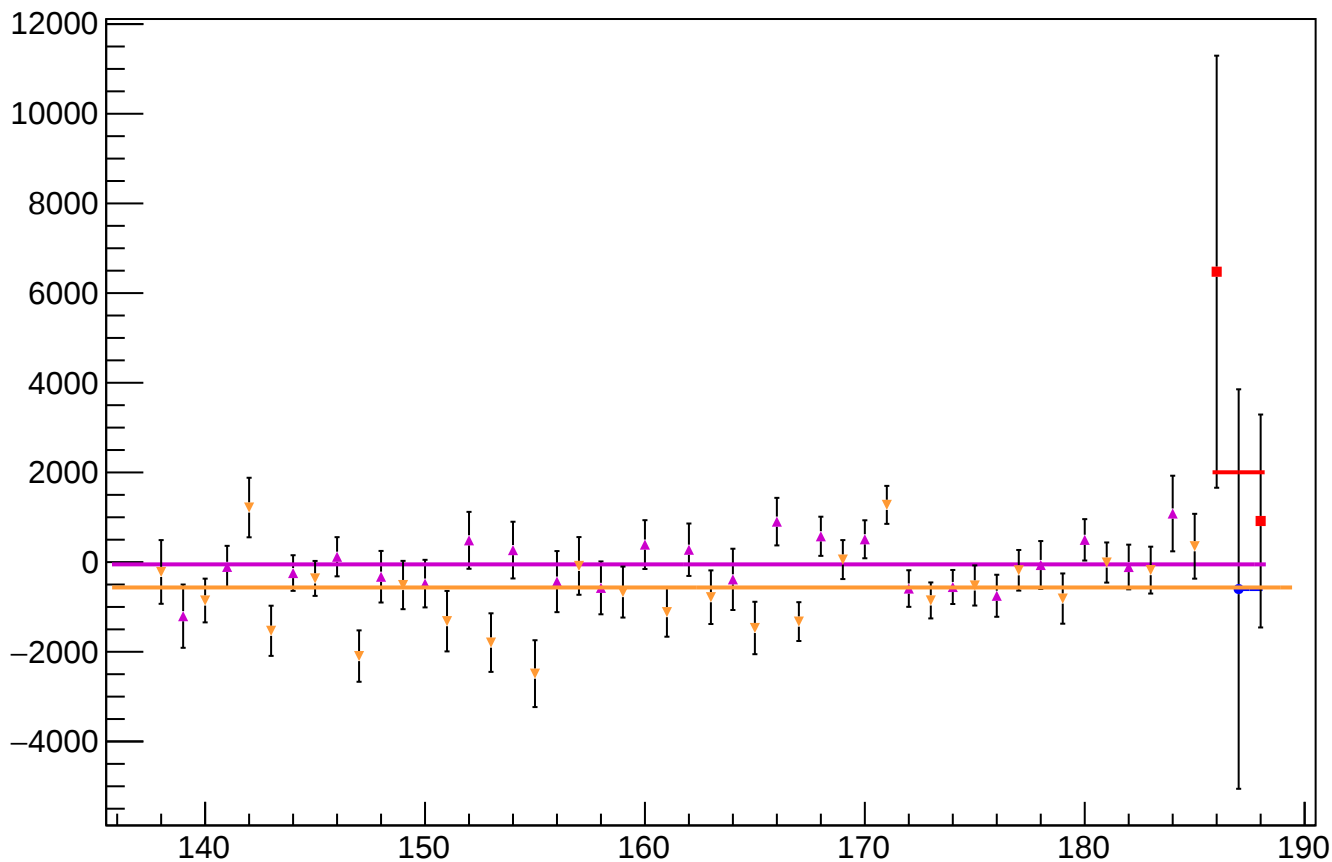
Left In: 431.889 $\pm$ 0.074 χ^2 /NDF:1034822.9/22

+ sign 435.362 $\pm$ 0.073 χ^2 /NDF: 1325155.1/25

All: 435.426 $\pm$ 0.052 χ^2 /NDF: 3424827.3/50

- sign 435.491 $\pm$ 0.074 χ^2 /NDF: 2099670.7/24

asym_sam_15_48_dd_mean vs Slug



Right In: -600.770 $\pm$ 4455.156 χ^2 /NDF: 0.0/0

Left Out: -565.545 $\pm$ 104.460 χ^2 /NDF: 62.9/24

Right Out: 2003.544 $\pm$ 2130.101 χ^2 /NDF: 1.1/1

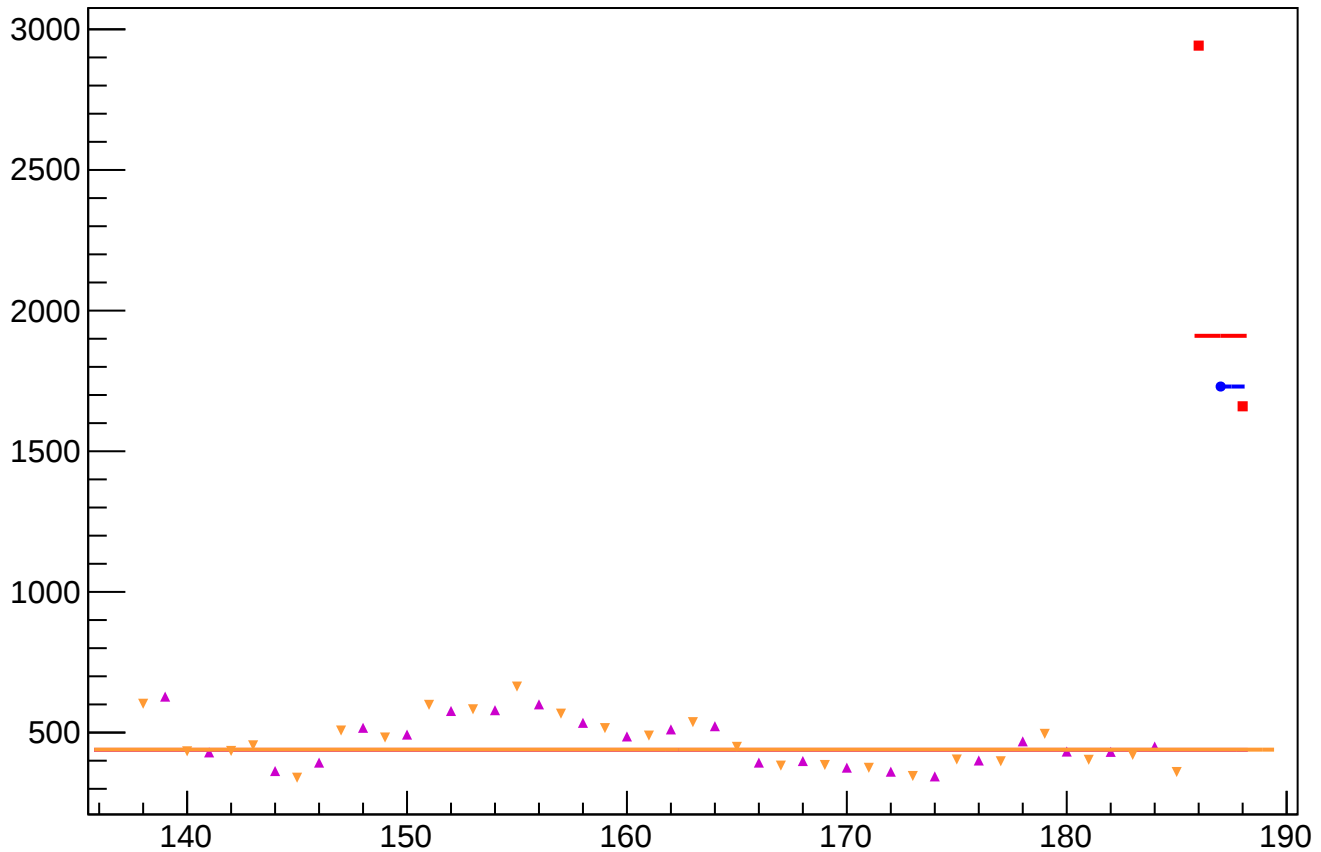
Left In: -50.387 $\pm$ 106.218 χ^2 /NDF: 23.3/22

+ sign -565.564 $\pm$ 104.432 χ^2 /NDF: 62.9/25

All: -309.517 $\pm$ 74.422 χ^2 /NDF: 100.4/50

- sign -45.293 $\pm$ 106.086 χ^2 /NDF: 25.3/24

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: 1910.414+/-1.506 χ^2/NDF : 113932.0/1

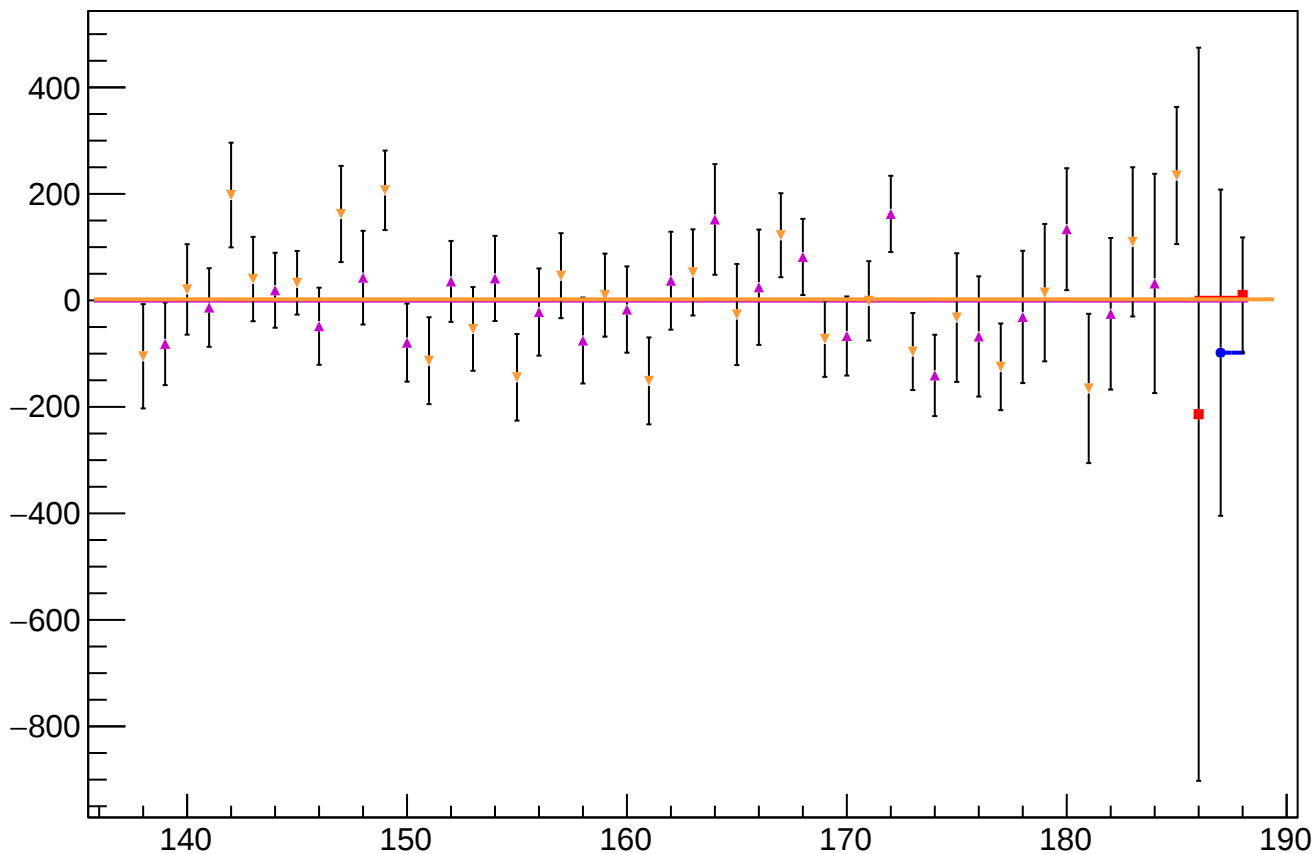
Left In: 438.365+/-0.075 χ^2/NDF :1024661.1/22

+ sign 440.023+/-0.074 χ^2/NDF : 1331830.4/25

All: 441.004+/-0.053 χ^2/NDF : 3423569.2/50

- sign 442.016+/-0.075 χ^2/NDF : 2091380.5/24

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: 4.883 ± 106.681 χ^2/NDF : 0.1/1

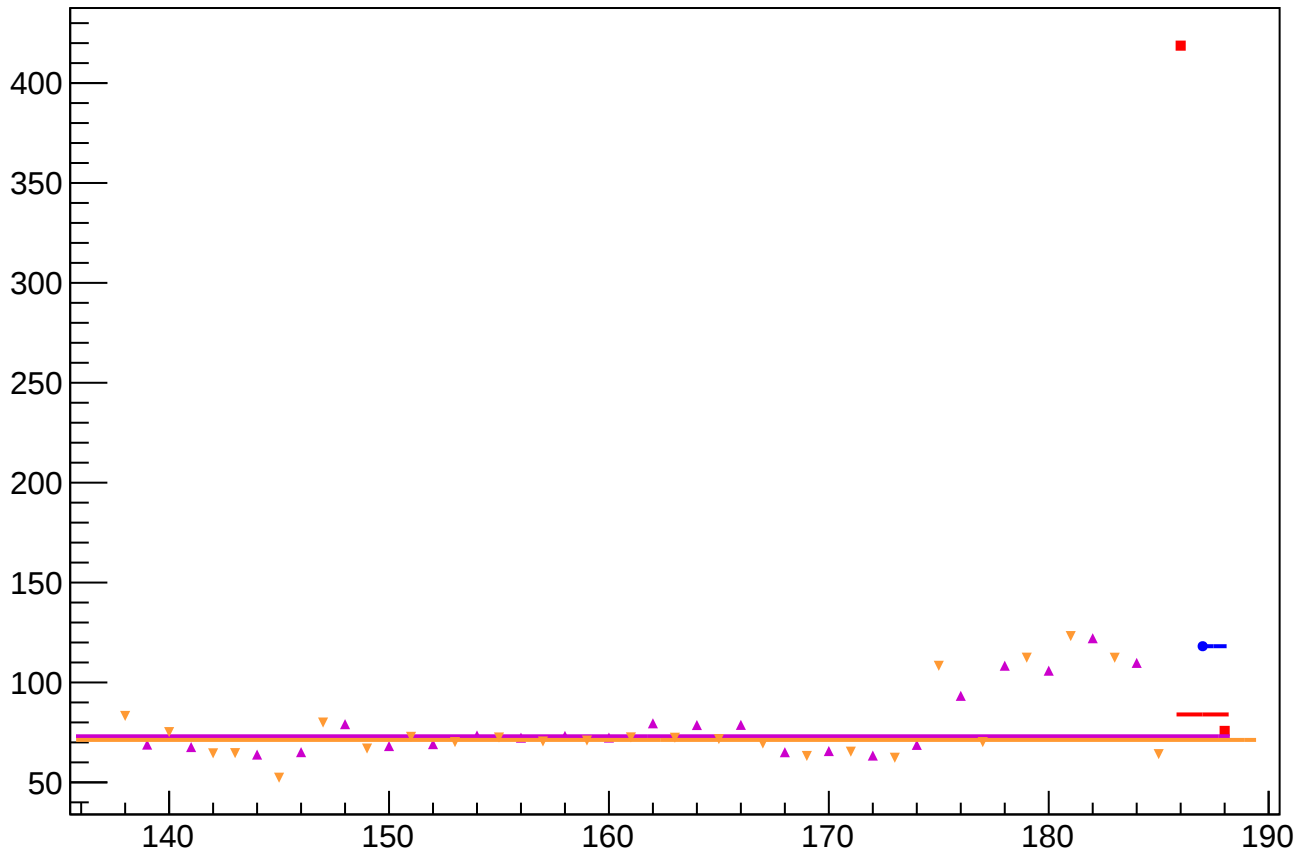
Left In: -0.361 ± 17.751 χ^2/NDF : 19.4/22

+ sign 1.660 ± 16.982 χ^2/NDF : 39.6/25

All: 0.749 ± 12.190 χ^2/NDF : 59.1/50

- sign -0.220 ± 17.510 χ^2/NDF : 19.5/24

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: 83.991 $\pm$ 0.075 χ^2 /NDF: 484554.0/1

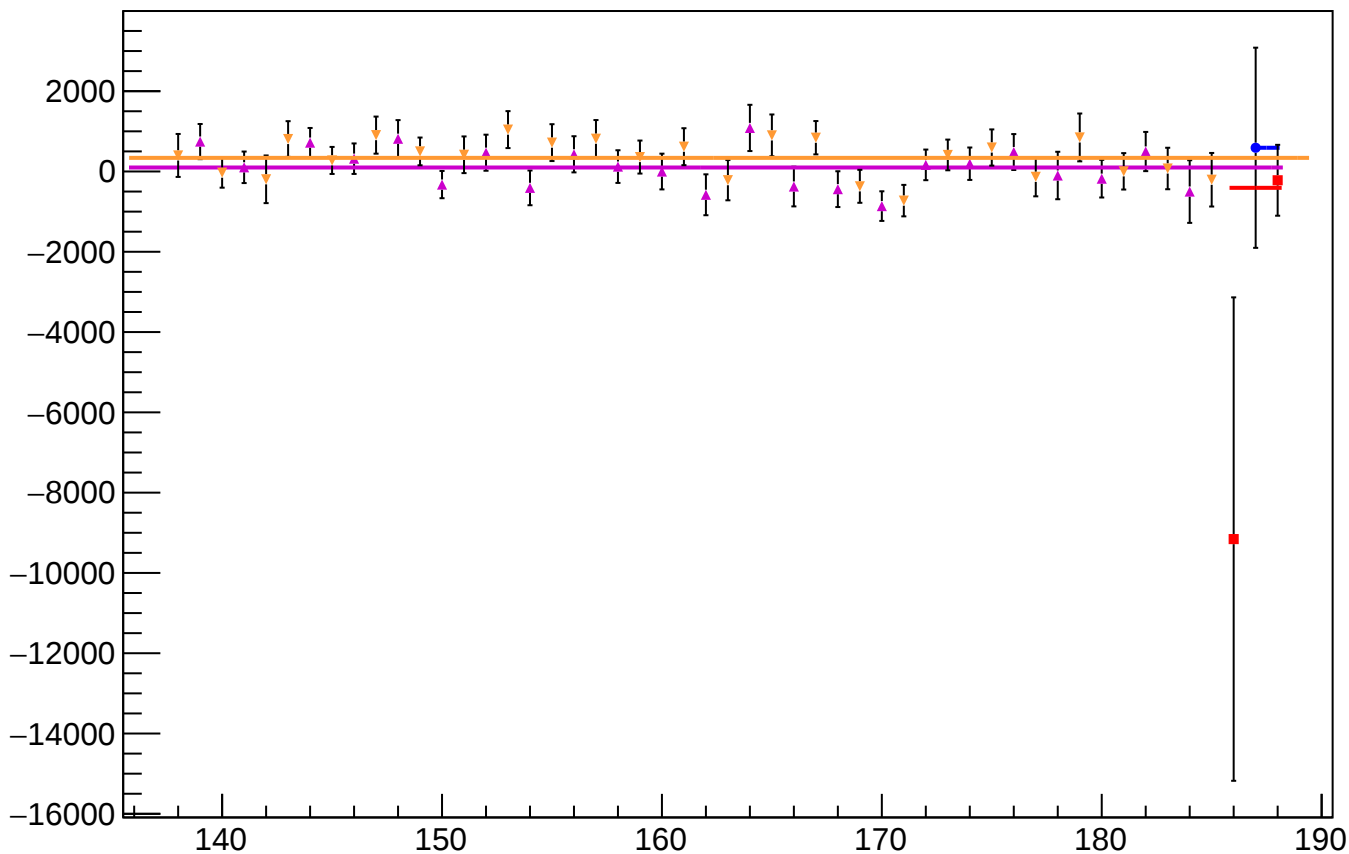
Left In: 73.060 $\pm$ 0.013 χ^2 /NDF: 899002.7/22

+ sign 71.389 $\pm$ 0.012 χ^2 /NDF: 1247448.3/25

All: 72.341 $\pm$ 0.009 χ^2 /NDF: 2664420.6/50

- sign 73.354 $\pm$ 0.012 χ^2 /NDF: 1403991.0/24

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: -407.342 $\pm$ 873.433 χ^2 /NDF: 2.2/1

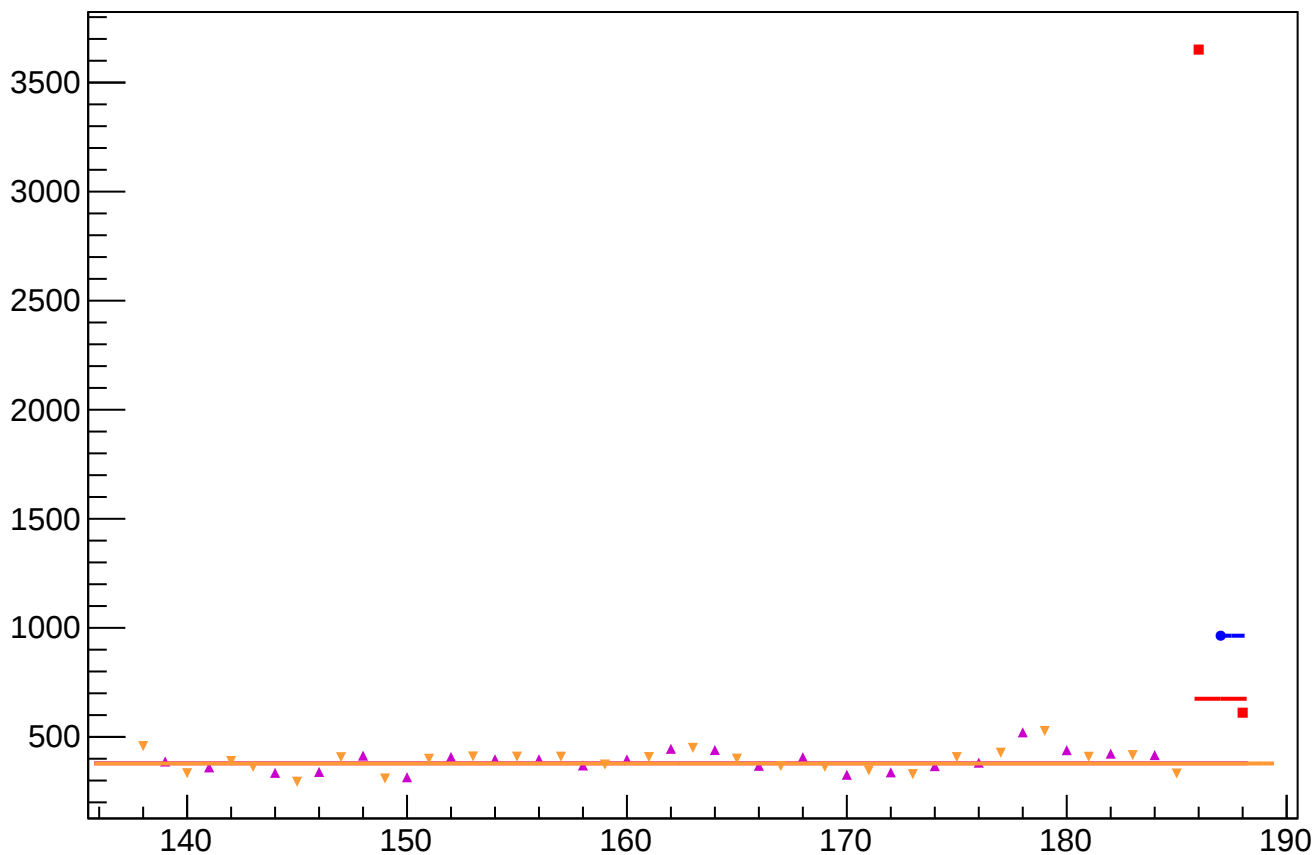
Left In: 99.003 $\pm$ 91.148 χ^2 /NDF: 28.4/22

+ sign 339.415 $\pm$ 89.204 χ^2 /NDF: 26.9/25

All: 218.466 $\pm$ 63.584 χ^2 /NDF: 61.5/50

- sign 93.548 $\pm$ 90.656 χ^2 /NDF: 30.9/24

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: 674.988 $\pm$ 0.618 χ^2 /NDF: 499159.6/1

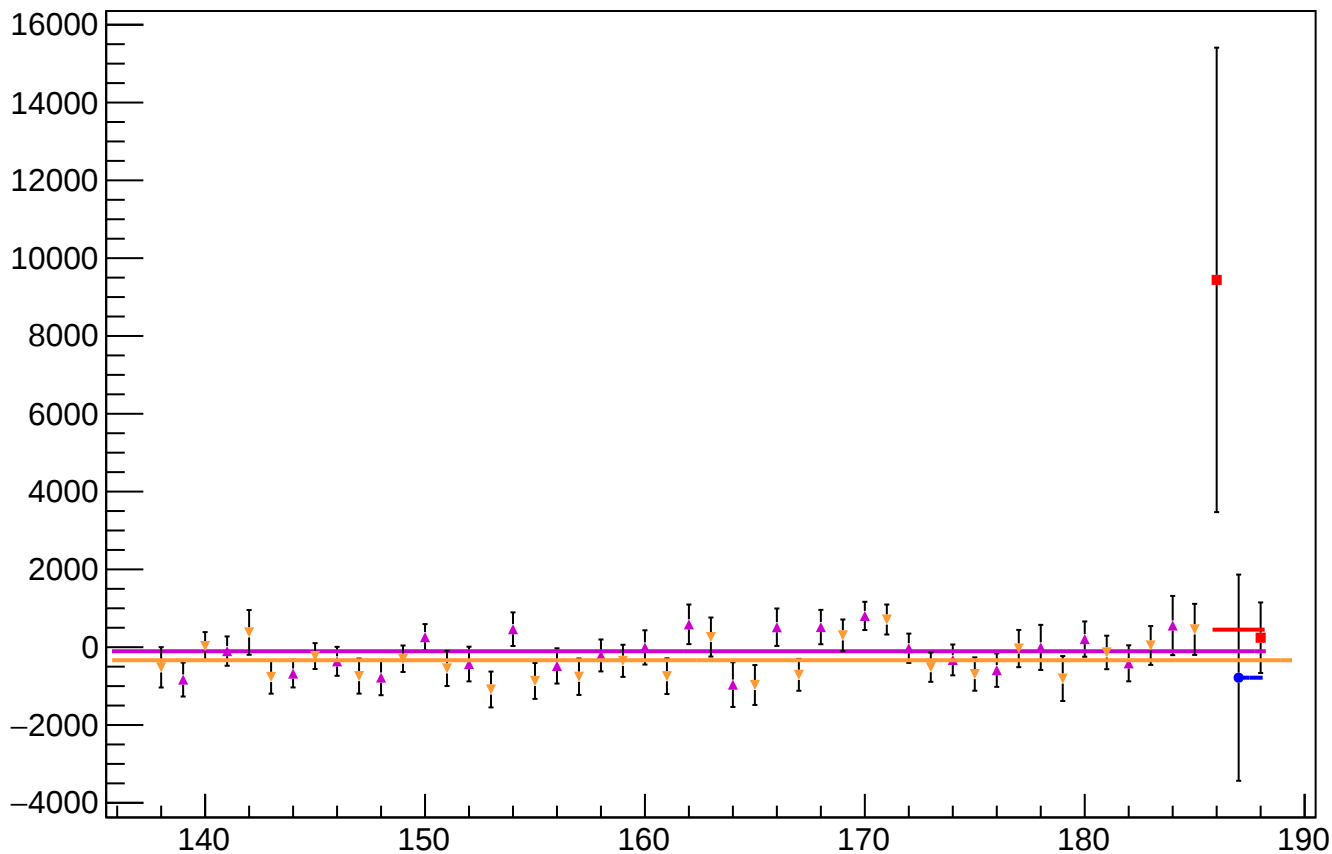
Left In: 379.293 $\pm$ 0.064 χ^2 /NDF: 458625.9/22

+ sign 379.034 $\pm$ 0.063 χ^2 /NDF: 716490.9/25

All: 380.728 $\pm$ 0.045 χ^2 /NDF: 1902498.2/50

- sign 382.478 $\pm$ 0.064 χ^2 /NDF: 1184540.7/24

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: 450.986 $\pm$ 896.699 χ^2 /NDF: 2.3/1

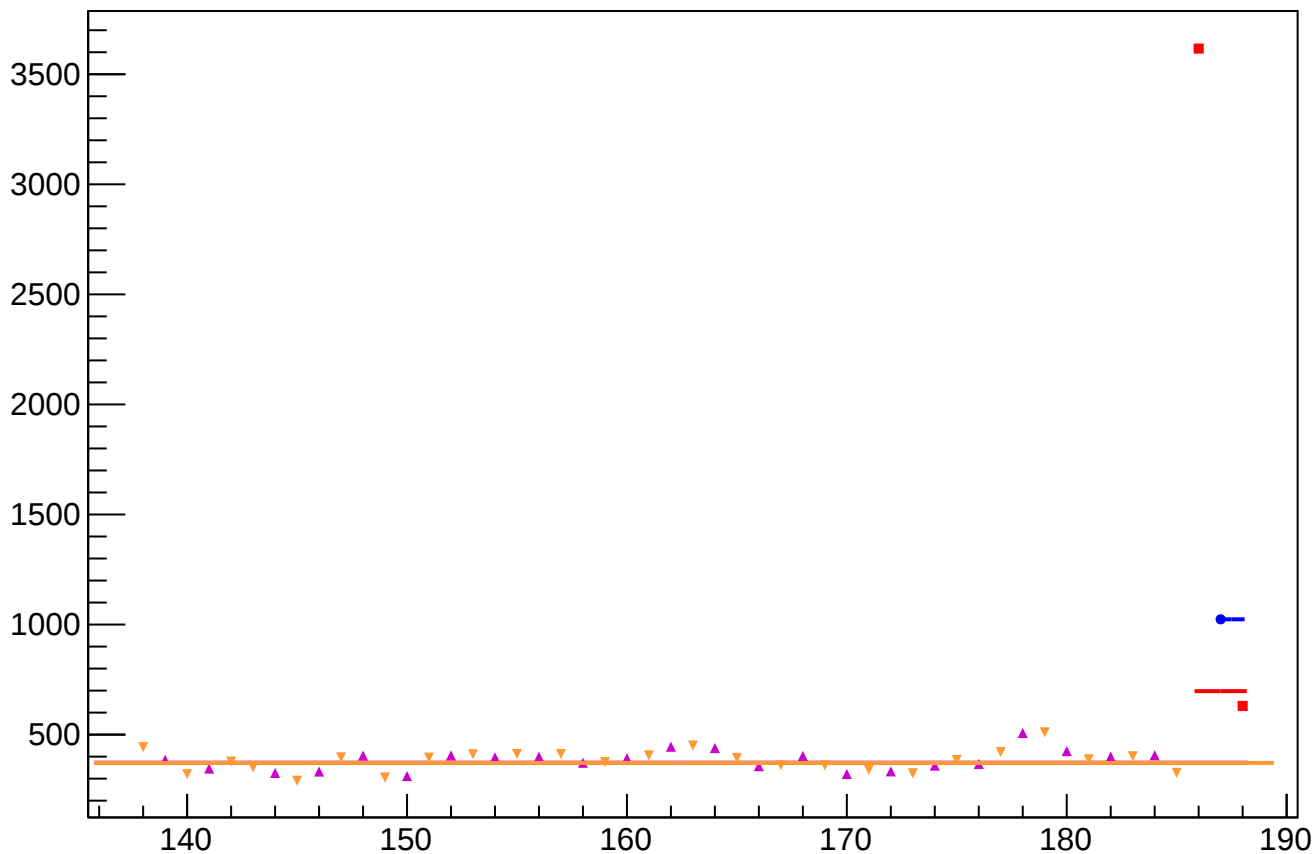
Left In: -104.117 $\pm$ 89.613 χ^2 /NDF:29.7/22

+ sign -335.733 $\pm$ 87.658 χ^2 /NDF: 28.3/25

All: -219.206 $\pm$ 62.511 χ^2 /NDF: 64.3/50

- sign -98.628 $\pm$ 89.169 χ^2 /NDF: 32.4/24

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: 697.460+/-0.634 χ^2/NDF : 489346.6/1

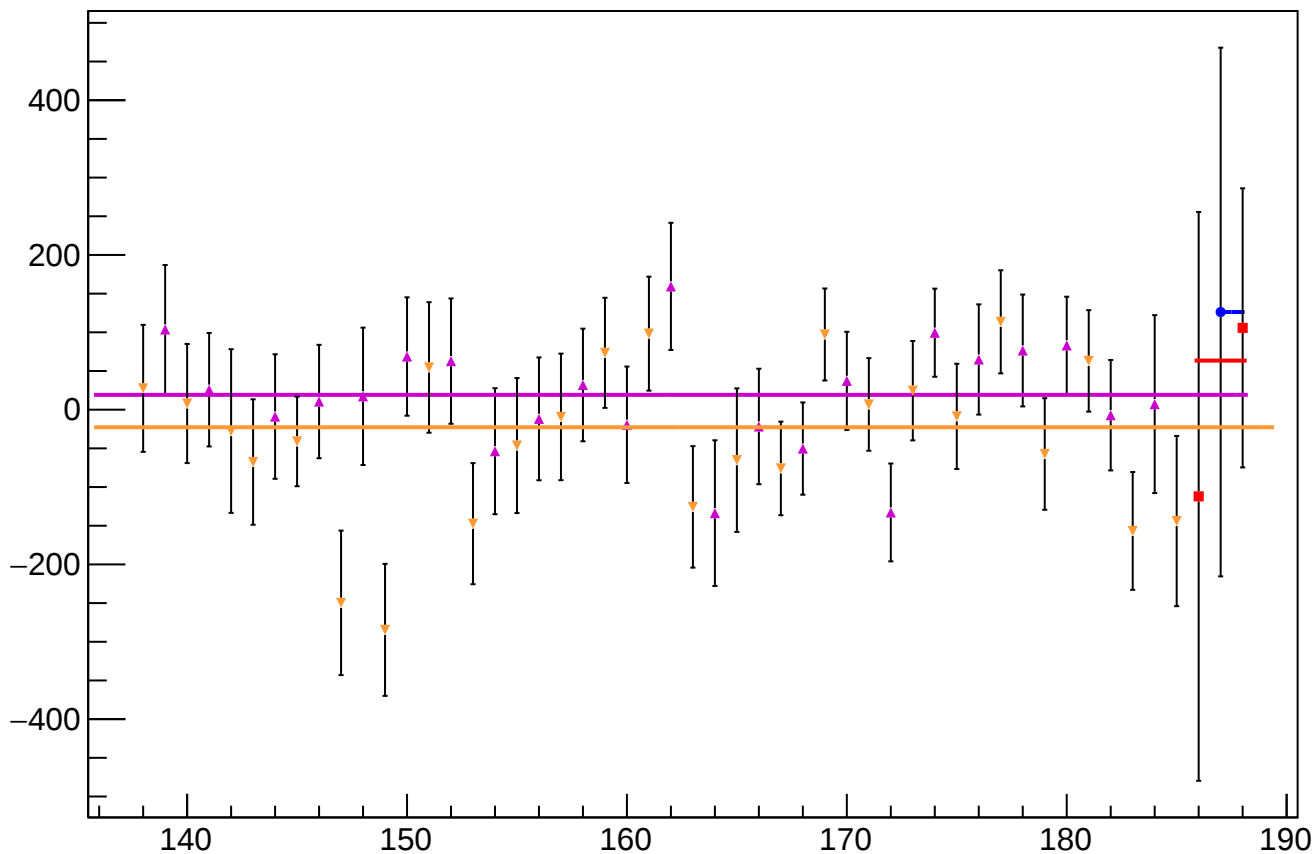
Left In: 372.574+/-0.063 χ^2/NDF : 464397.2/22

+ sign 372.089+/-0.062 χ^2/NDF : 725207.1/25

All: 373.906+/-0.044 χ^2/NDF : 1940646.0/50

- sign 375.787+/-0.063 χ^2/NDF : 1213689.9/24

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: 63.476 $\pm$ 161.940 χ^2 /NDF: 0.3/1

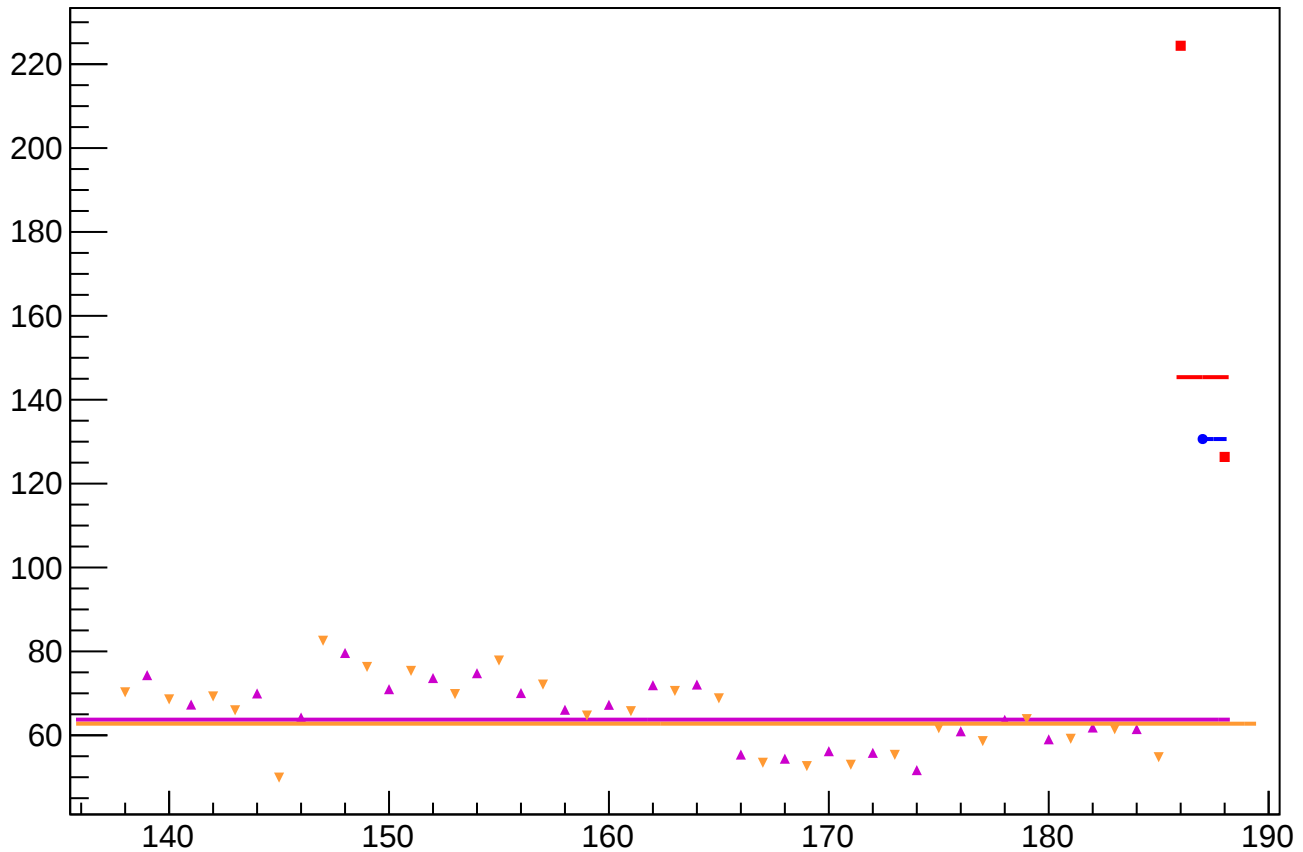
Left In: 19.165 $\pm$ 15.363 χ^2 /NDF:20.4/22

+ sign -22.441 $\pm$ 14.806 χ^2 /NDF: 42.5/25

All: -2.122 $\pm$ 10.638 χ^2 /NDF: 67.1/50

- sign 19.560 $\pm$ 15.294 χ^2 /NDF: 20.8/24

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: 145.381 $\pm$ 0.115 χ^2 /NDF: 114615.1/1

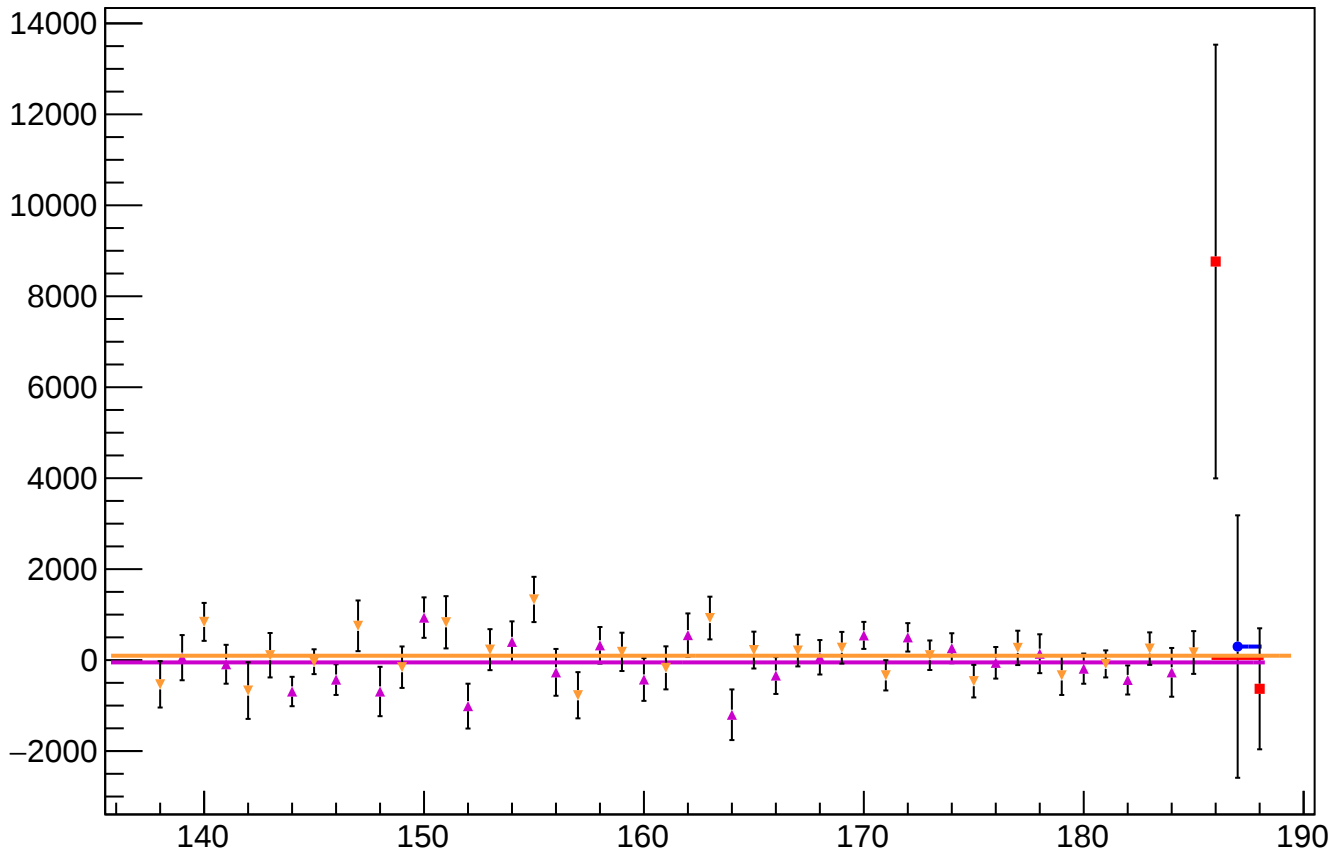
Left In: 63.726 $\pm$ 0.011 χ^2 /NDF: 492170.7/22

+ sign 62.888 $\pm$ 0.010 χ^2 /NDF: 746980.7/25

All: 63.646 $\pm$ 0.008 χ^2 /NDF: 1868565.0/50

- sign 64.454 $\pm$ 0.011 χ^2 /NDF: 1110747.5/24

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 297.722 ± 2885.605 χ^2/NDF : 0.0/0

Left Out: 96.393 ± 80.768 χ^2/NDF : 28.8/24

Right Out: 47.688 ± 1281.523 χ^2/NDF : 3.6/1

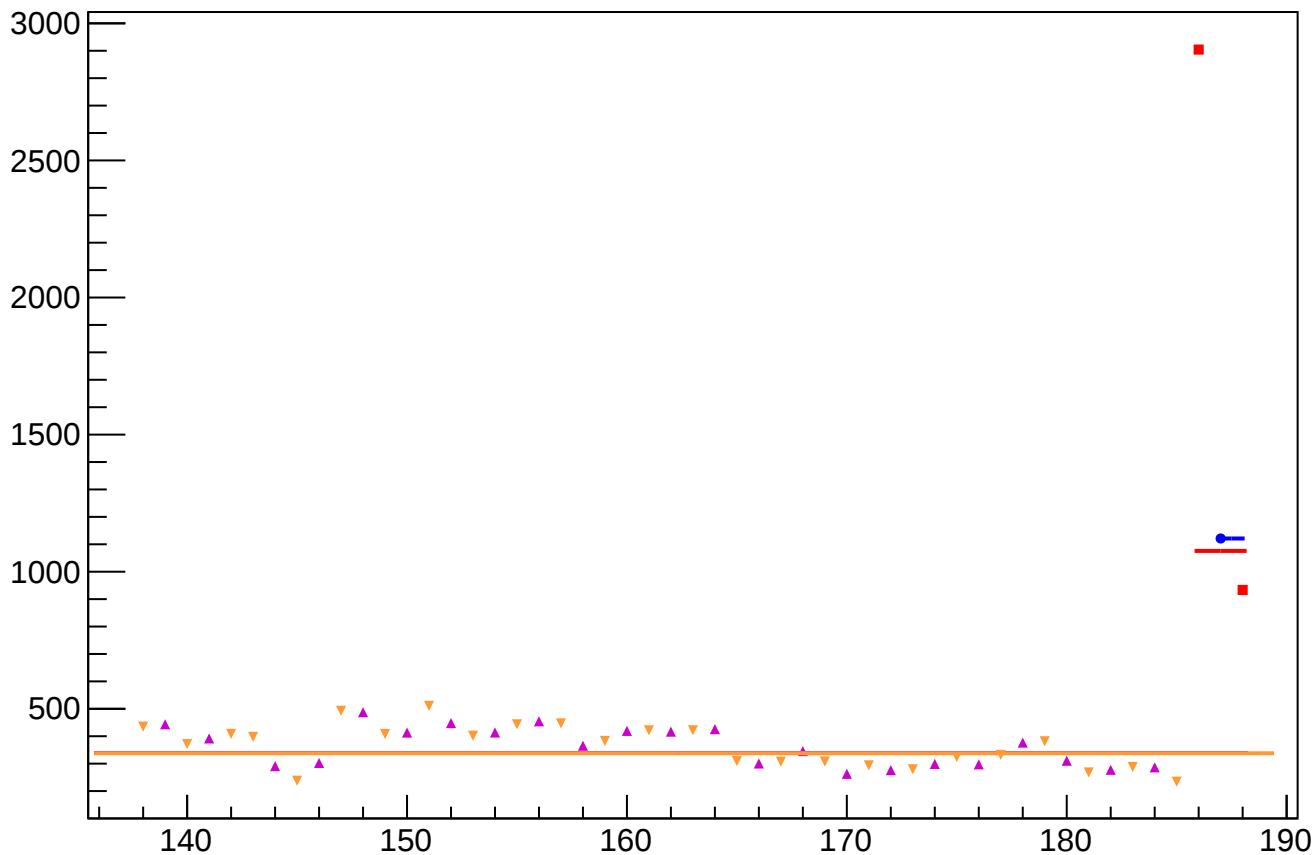
Left In: -50.544 ± 82.368 χ^2/NDF : 34.5/22

+ sign 96.551 ± 80.737 χ^2/NDF : 28.8/25

All: 24.521 ± 57.599 χ^2/NDF : 68.5/50

- sign -50.140 ± 82.198 χ^2/NDF : 38.1/24

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: 1075.833 $\pm$ 0.906 χ^2 /NDF: 316999.3/1

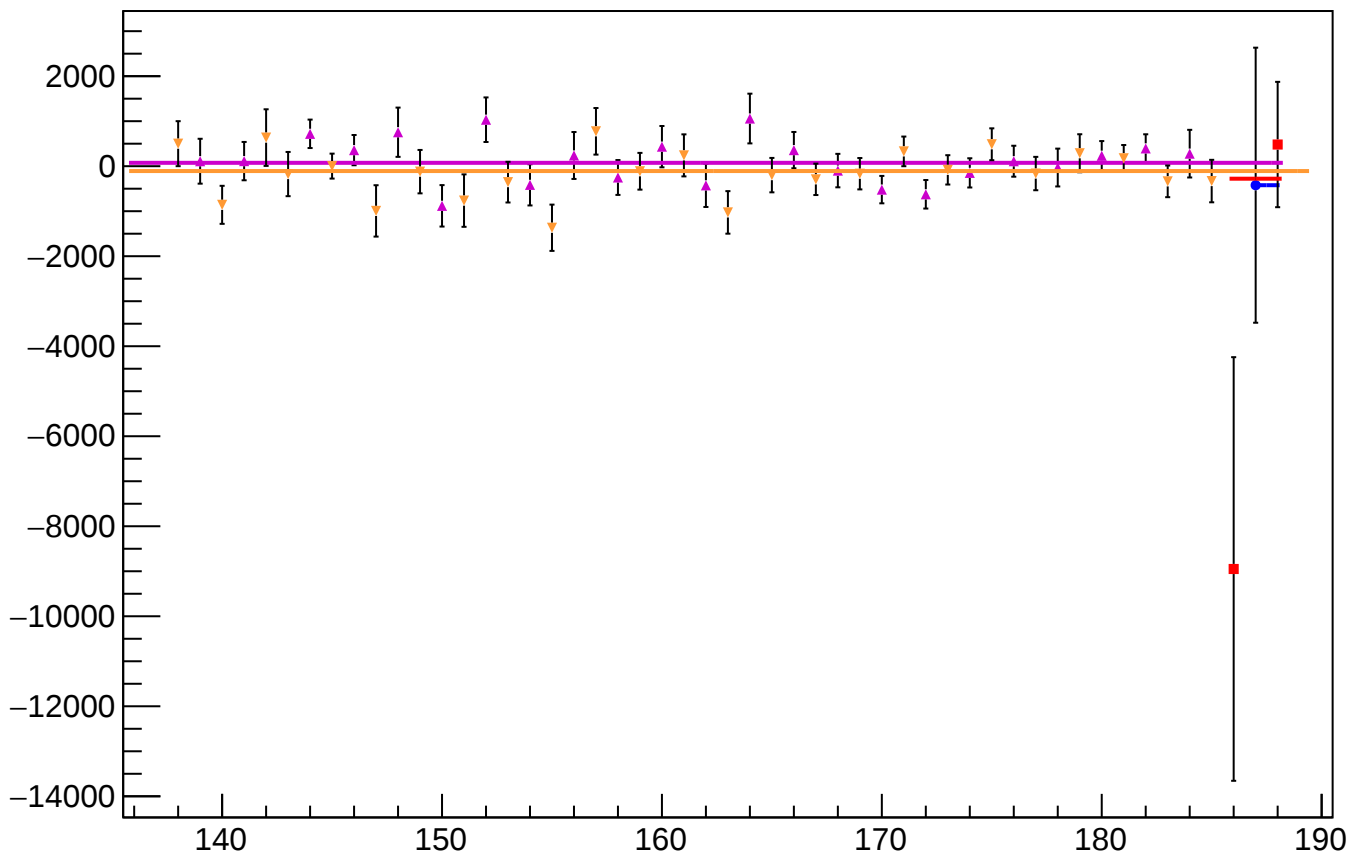
Left In: 338.855 $\pm$ 0.058 χ^2 /NDF: 1225723.5/22

+ sign 338.423 $\pm$ 0.057 χ^2 /NDF: 1723752.1/25

All: 340.124 $\pm$ 0.041 χ^2 /NDF: 3926994.3/50

- sign 341.887 $\pm$ 0.058 χ^2 /NDF: 2201434.5/24

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: -277.754 ± 1335.332 χ^2/NDF : 3.7/1

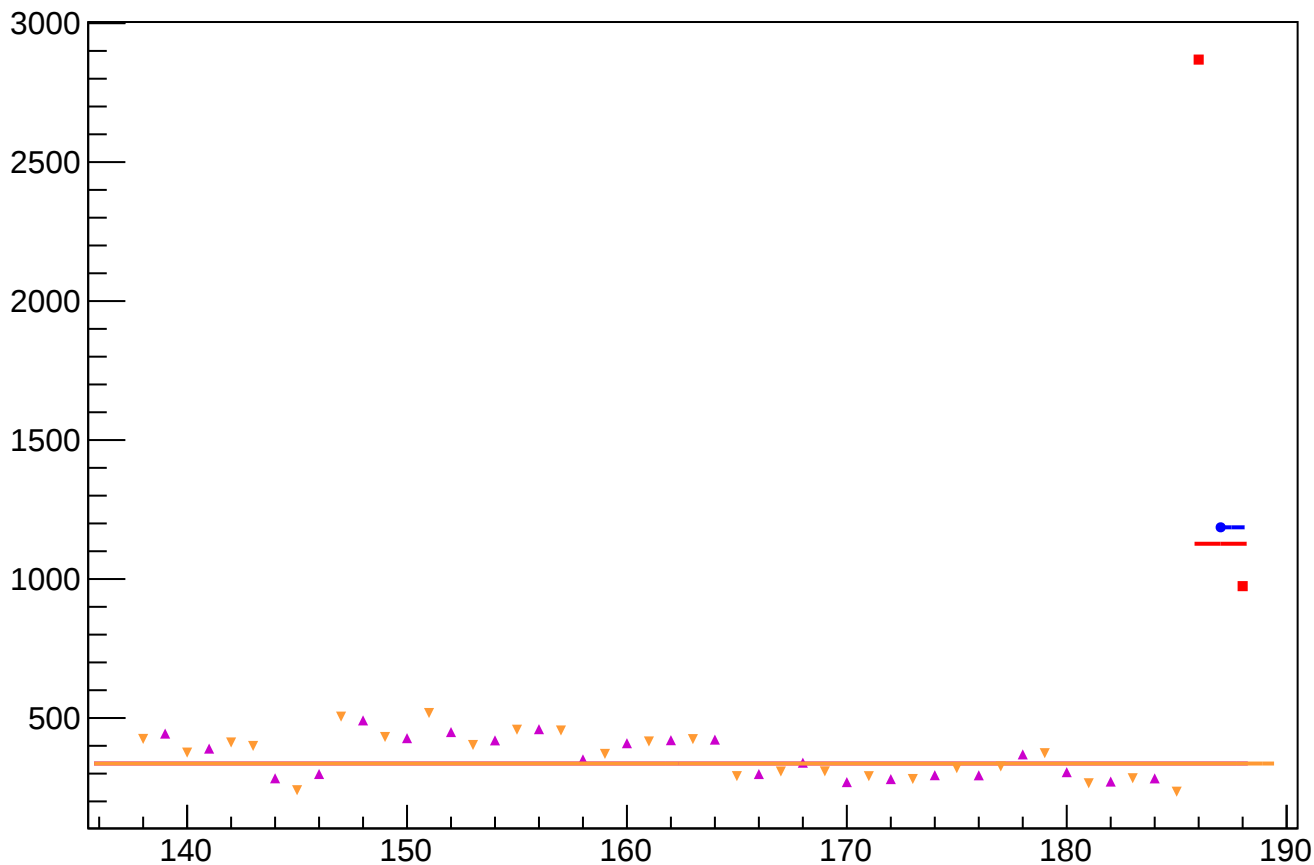
Left In: 74.986 ± 81.949 χ^2/NDF : 32.7/22

+ sign -108.255 ± 80.551 χ^2/NDF : 30.9/25

All: -18.690 ± 57.393 χ^2/NDF : 69.8/50

- sign 73.662 ± 81.795 χ^2/NDF : 36.4/24

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: 1126.930 $\pm$ 0.944 χ^2 /NDF: 297961.8/1

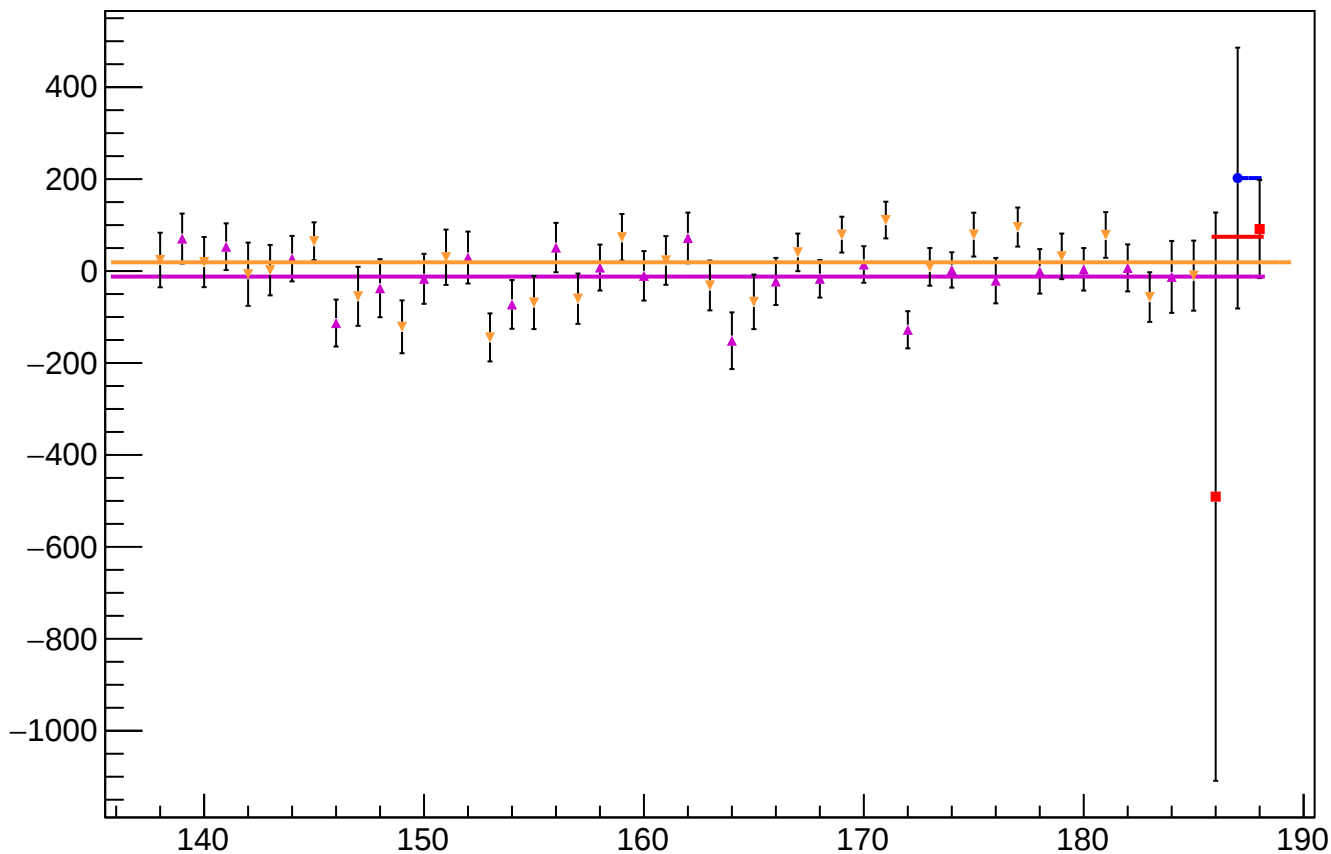
Left In: 336.396 $\pm$ 0.058 χ^2 /NDF: 1269587.6/22

+ sign 336.821 $\pm$ 0.057 χ^2 /NDF: 1814260.3/25

All: 338.072 $\pm$ 0.041 χ^2 /NDF: 4081118.9/50

- sign 339.362 $\pm$ 0.058 χ^2 /NDF: 2265879.0/24

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: 74.535 $\pm$ 105.166 χ^2 /NDF: 0.9/1

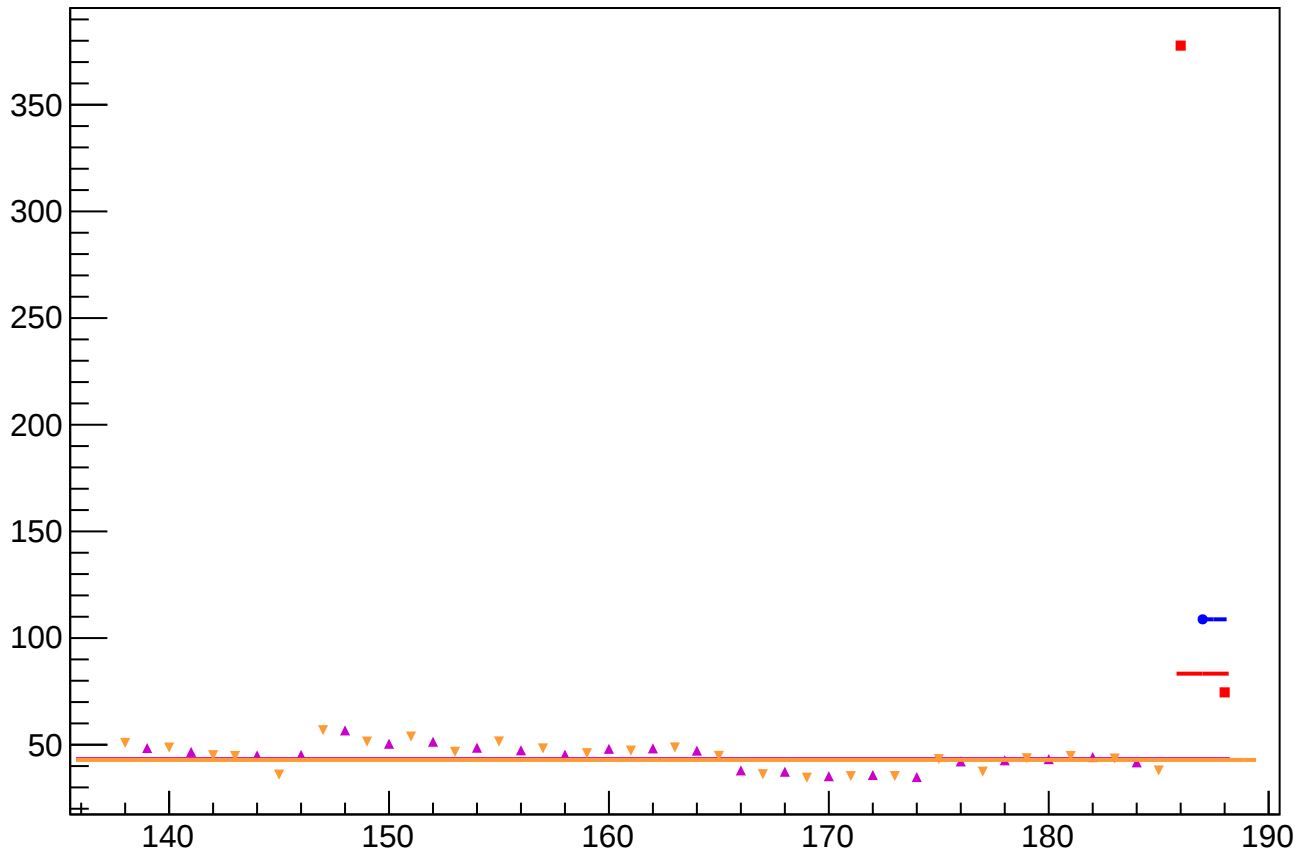
Left In: -12.058 $\pm$ 10.418 χ^2 /NDF:28.7/22

+ sign 19.315 $\pm$ 10.125 χ^2 /NDF: 44.0/25

All: 4.410 $\pm$ 7.244 χ^2 /NDF: 78.6/50

- sign -11.216 $\pm$ 10.367 χ^2 /NDF: 30.2/24

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: 83.323 $\pm$ 0.074 χ^2 /NDF: 467222.4/1

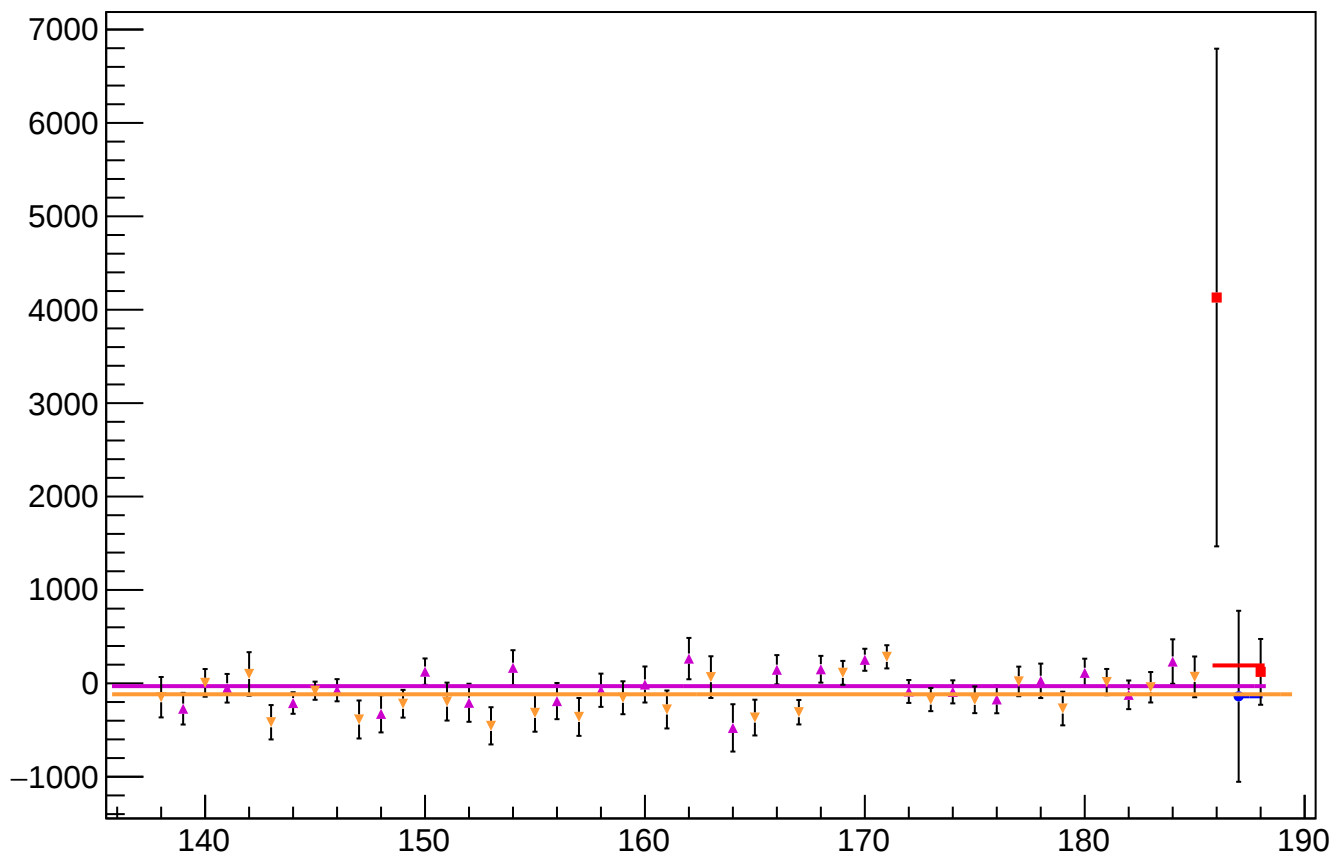
Left In: 43.271 $\pm$ 0.007 χ^2 /NDF: 588041.1/22

+ sign 42.975 $\pm$ 0.007 χ^2 /NDF: 884478.1/25

All: 43.310 $\pm$ 0.005 χ^2 /NDF: 2231484.7/50

- sign 43.661 $\pm$ 0.007 χ^2 /NDF: 1342525.0/24

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: 191.790+/-349.310 χ^2/NDF : 2.2/1

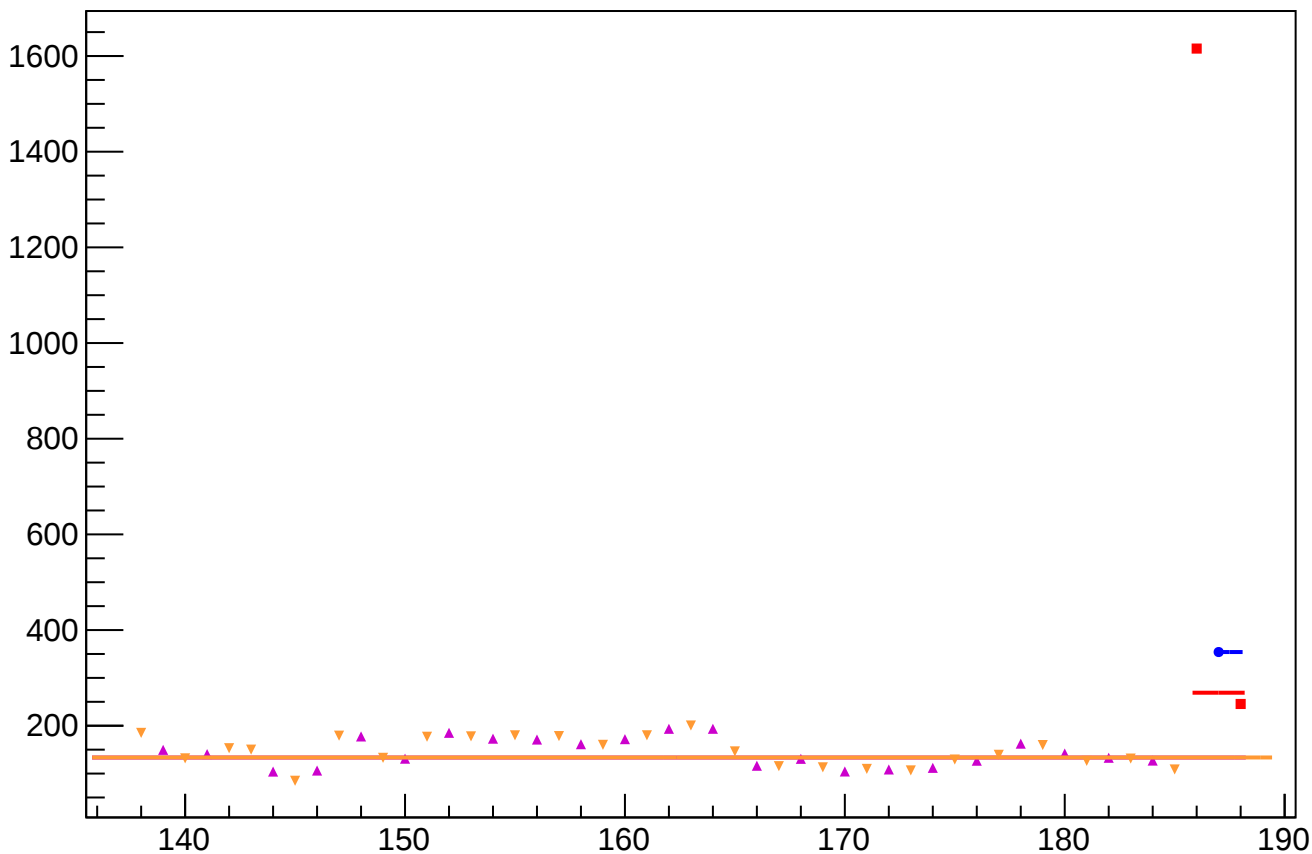
Left In: -29.883+/-32.539 χ^2/NDF : 28.1/22

+ sign -117.076+/-32.070 χ^2/NDF : 34.6/25

All: -72.981+/-22.792 χ^2/NDF : 69.1/50

- sign -27.976+/-32.399 χ^2/NDF : 30.7/24

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: 269.018 $\pm$ 0.247 χ^2 /NDF: 519843.1/1

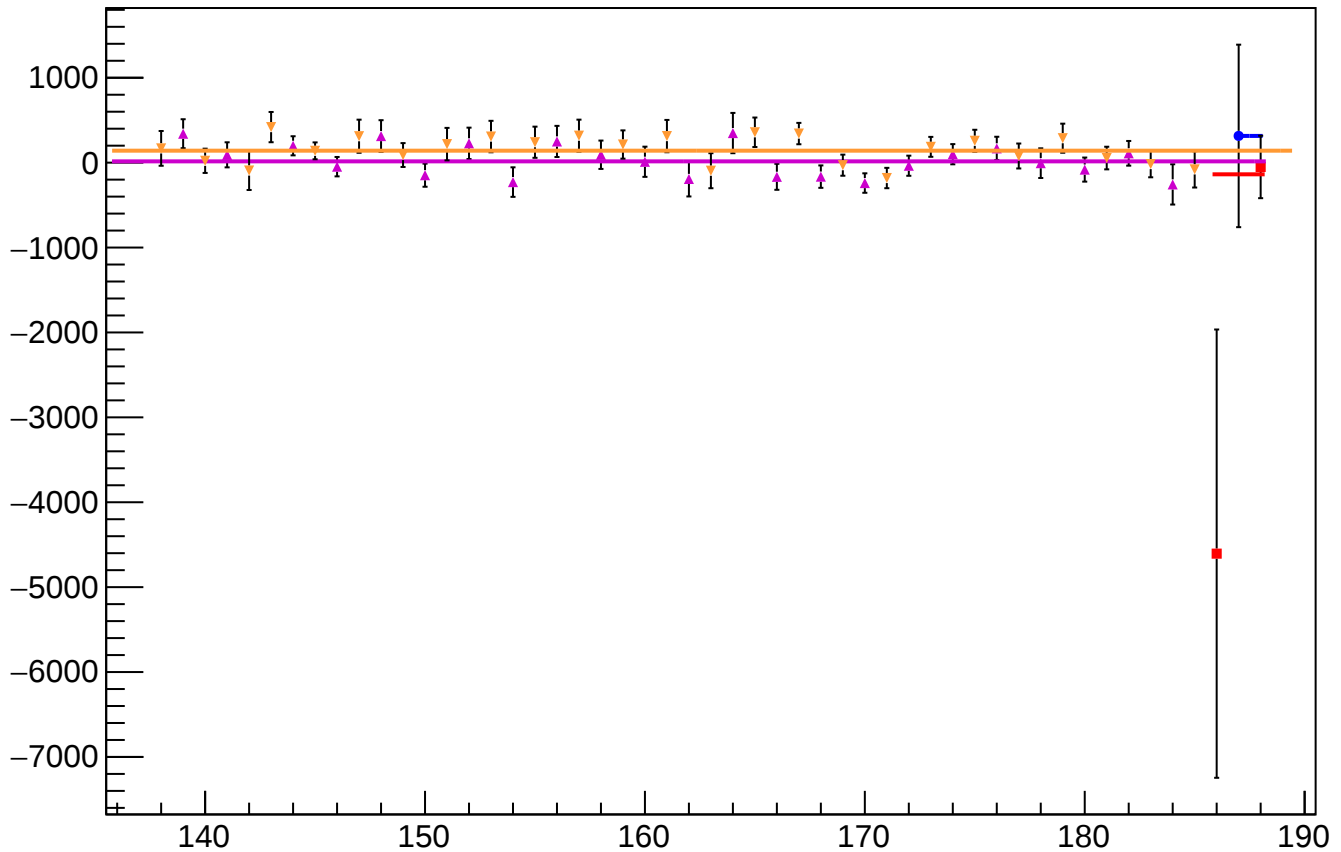
Left In: 133.485 $\pm$ 0.023 χ^2 /NDF:1387618.1/22

+ sign 133.919 $\pm$ 0.023 χ^2 /NDF: 1927601.1/25

All: 134.281 $\pm$ 0.016 χ^2 /NDF: 4134078.4/50

- sign 134.651 $\pm$ 0.023 χ^2 /NDF: 2205961.4/24

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: -137.358 ± 364.348 χ^2/NDF : 2.9/1

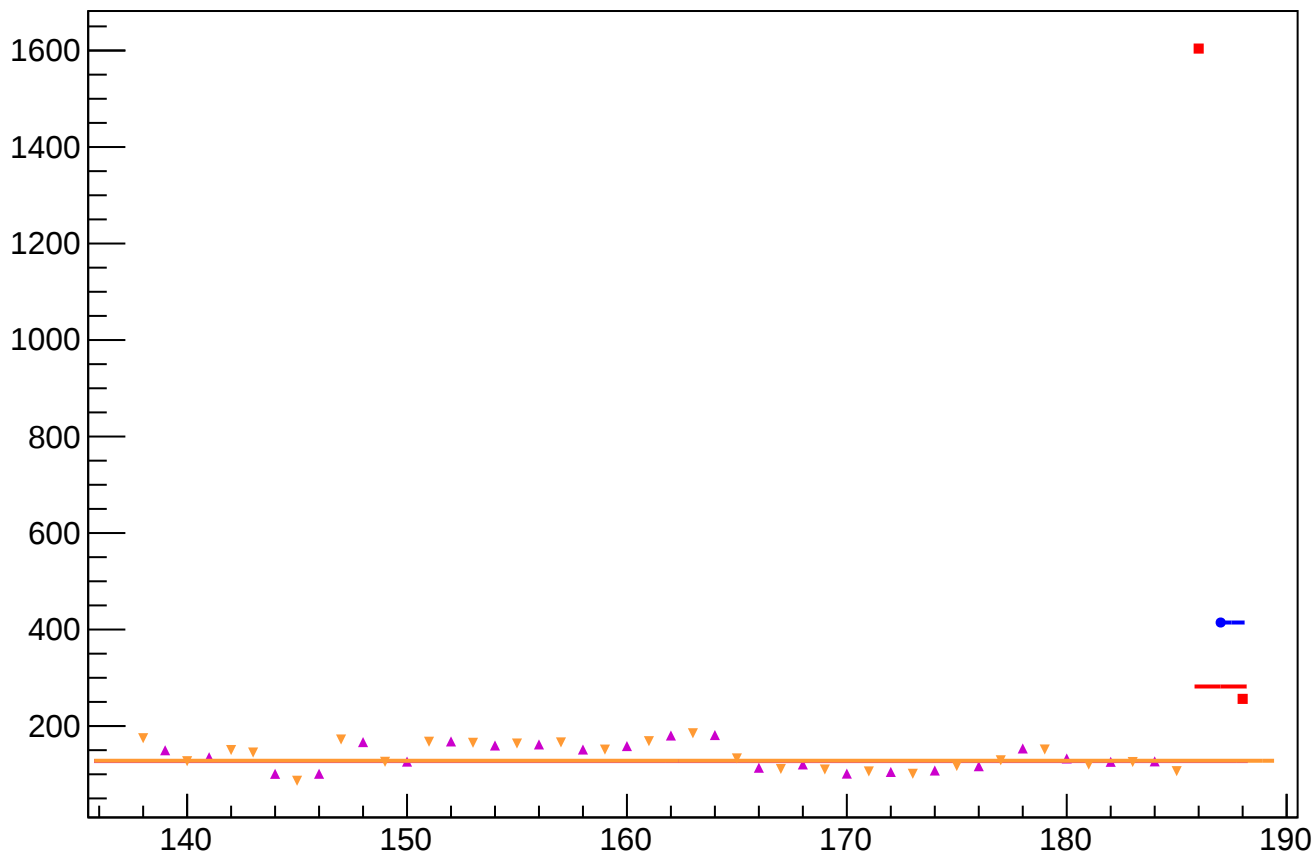
Left In: 15.199 ± 31.033 χ^2/NDF : 31.4/22

+ sign 141.149 ± 30.623 χ^2/NDF : 27.2/25

All: 78.240 ± 21.758 χ^2/NDF : 70.1/50

- sign 14.100 ± 30.921 χ^2/NDF : 34.5/24

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: 281.955 $\pm$ 0.258 χ^2 /NDF: 511238.5/1

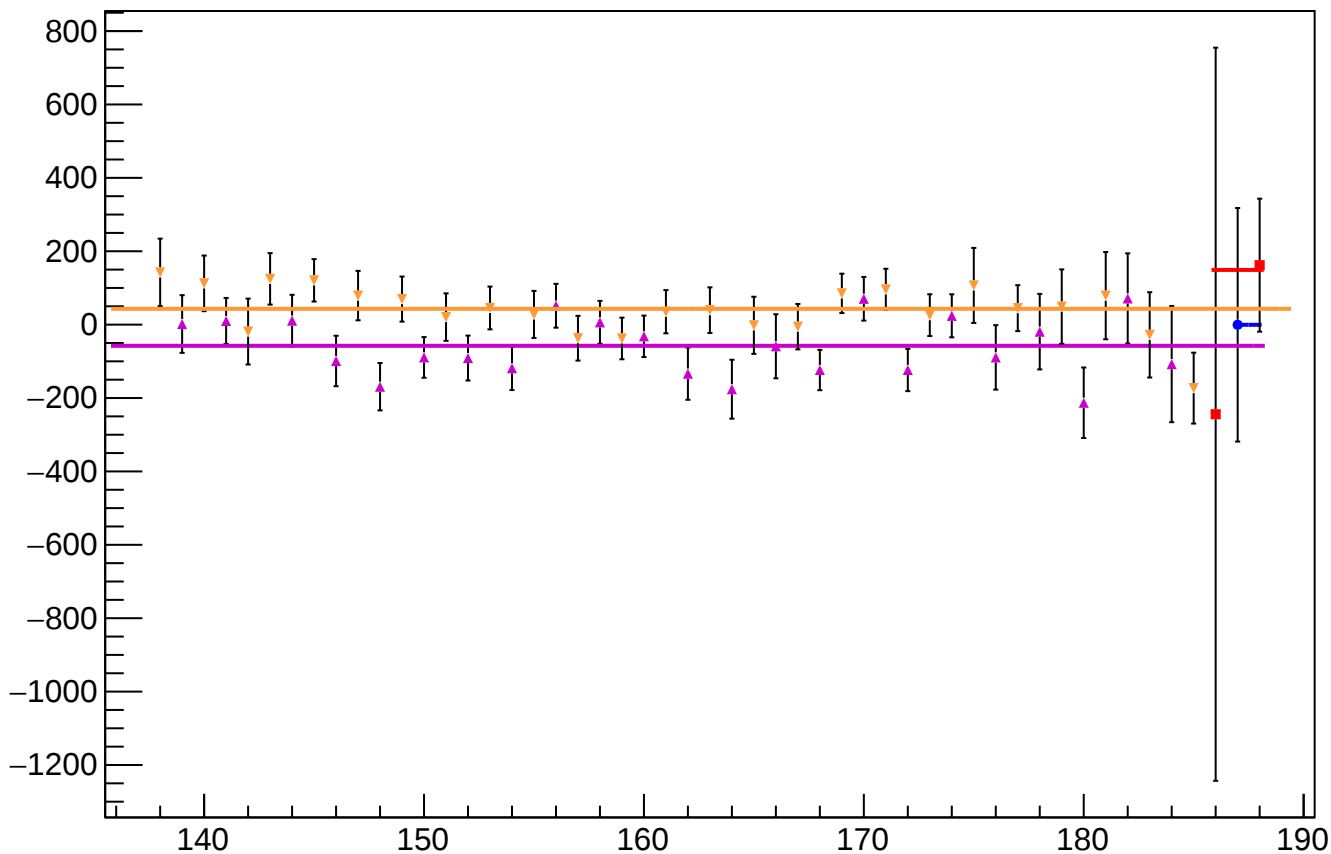
Left In: 127.380 $\pm$ 0.022 χ^2 /NDF:1229899.0/22

+ sign 128.292 $\pm$ 0.022 χ^2 /NDF: 1672279.5/25

All: 128.392 $\pm$ 0.015 χ^2 /NDF: 3770847.1/50

- sign 128.493 $\pm$ 0.022 χ^2 /NDF: 2098525.0/24

dit_asym_sam_1357_avg_mean vs Slug



Right In: -0.451 ± 318.200 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 43.099 ± 13.598 $\chi^2/\text{NDF}: 18.5/24$

Right Out: 149.119 ± 178.301 $\chi^2/\text{NDF}: 0.2/1$

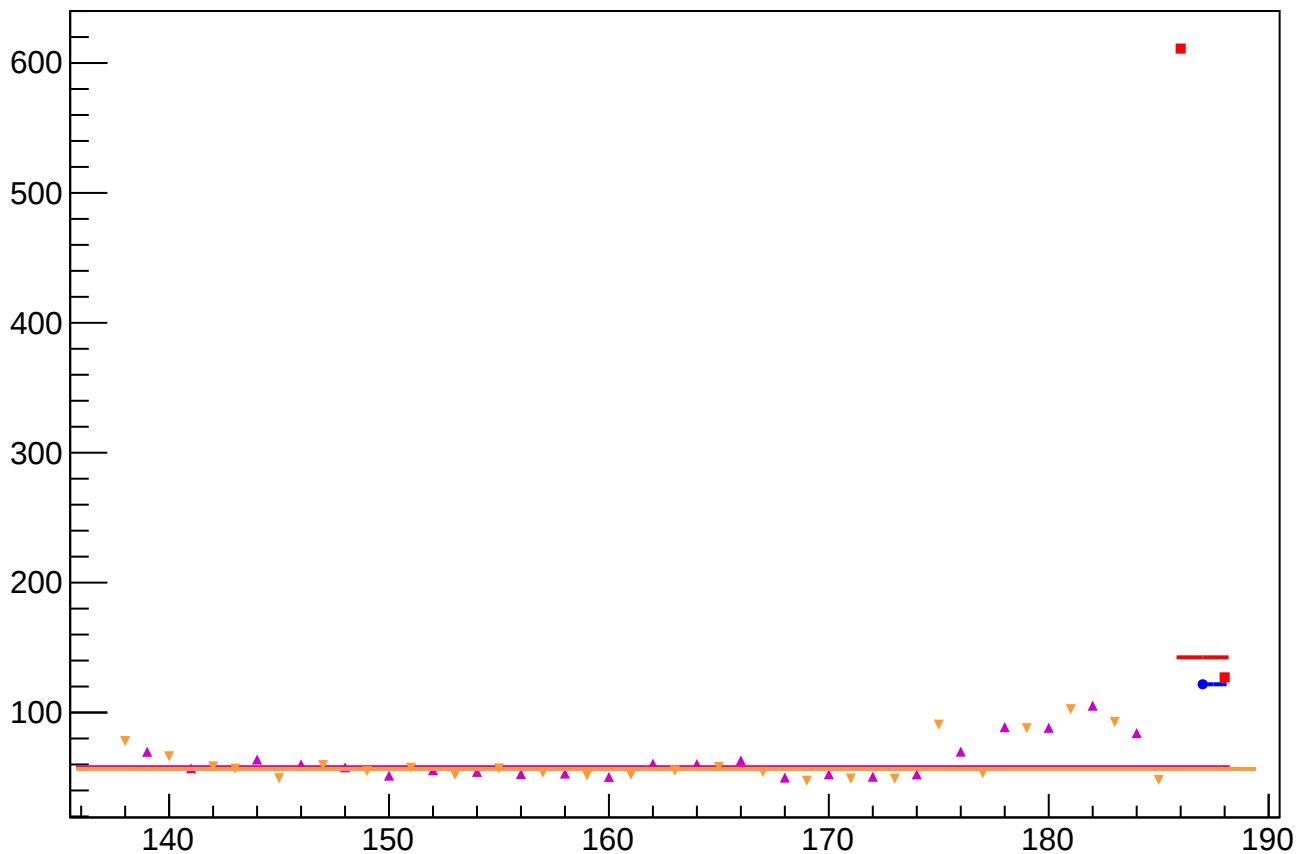
Left In: -57.672 ± 14.197 $\chi^2/\text{NDF}: 29.2/22$

+ sign 43.020 ± 13.586 $\chi^2/\text{NDF}: 18.5/25$

All: -4.646 ± 9.801 $\chi^2/\text{NDF}: 74.8/50$

- sign -56.369 ± 14.152 $\chi^2/\text{NDF}: 30.7/24$

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: 142.471 $\pm$ 0.126 χ^2 /NDF: 454670.1/1

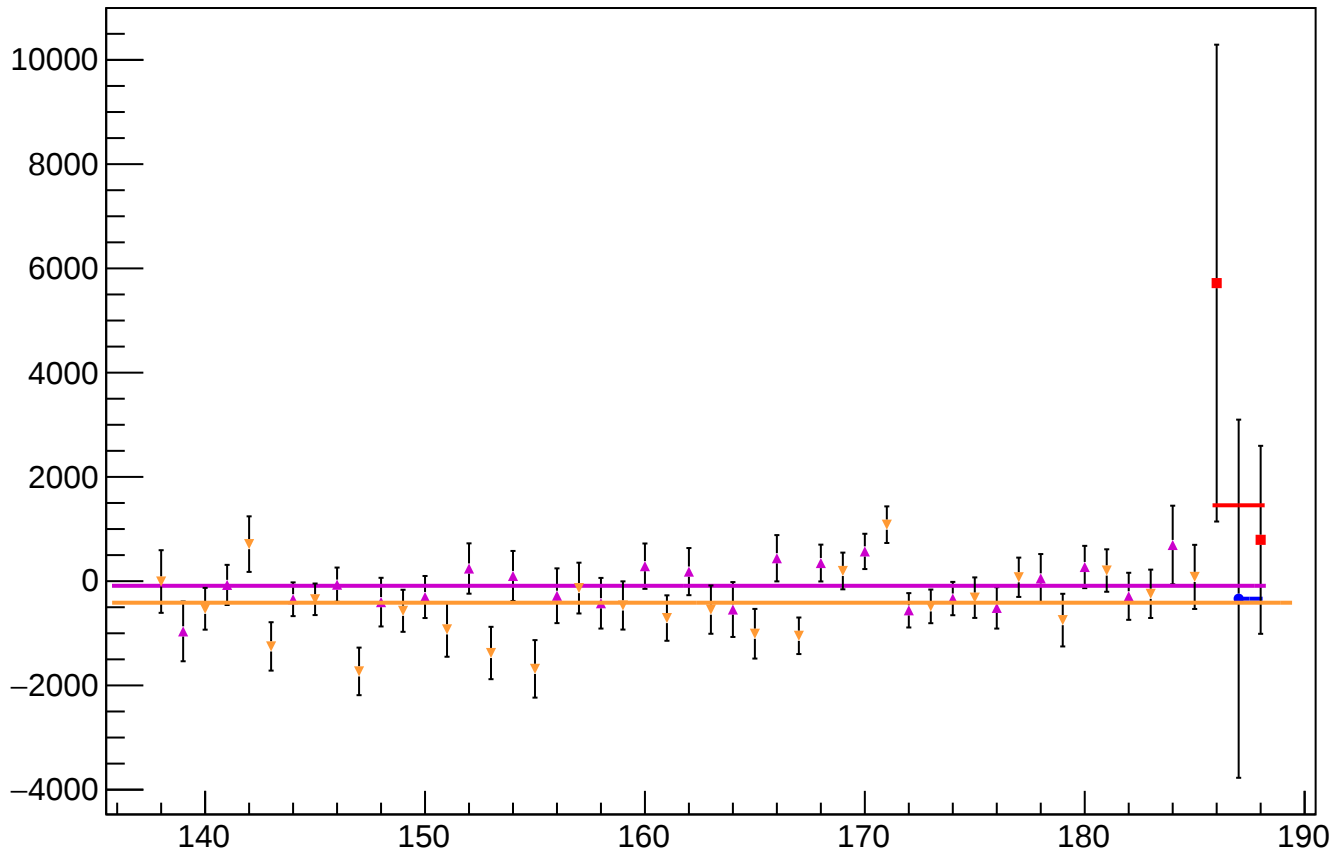
Left In: 57.902 $\pm$ 0.010 χ^2 /NDF:1053676.8/22

+ sign 56.669 $\pm$ 0.010 χ^2 /NDF: 1365543.3/25

All: 57.516 $\pm$ 0.007 χ^2 /NDF: 3337186.0/50

- sign 58.435 $\pm$ 0.010 χ^2 /NDF: 1955433.0/24

asym_sam_1357_avg_correction_mean vs Slug



Right In: -336.793 $\pm$ 3435.391 χ^2 /NDF: 0.0/0

Left Out: -413.404 $\pm$ 85.138 χ^2 /NDF: 58.9/24

Right Out: 1455.529 $\pm$ 1677.560 χ^2 /NDF: 1.0/1

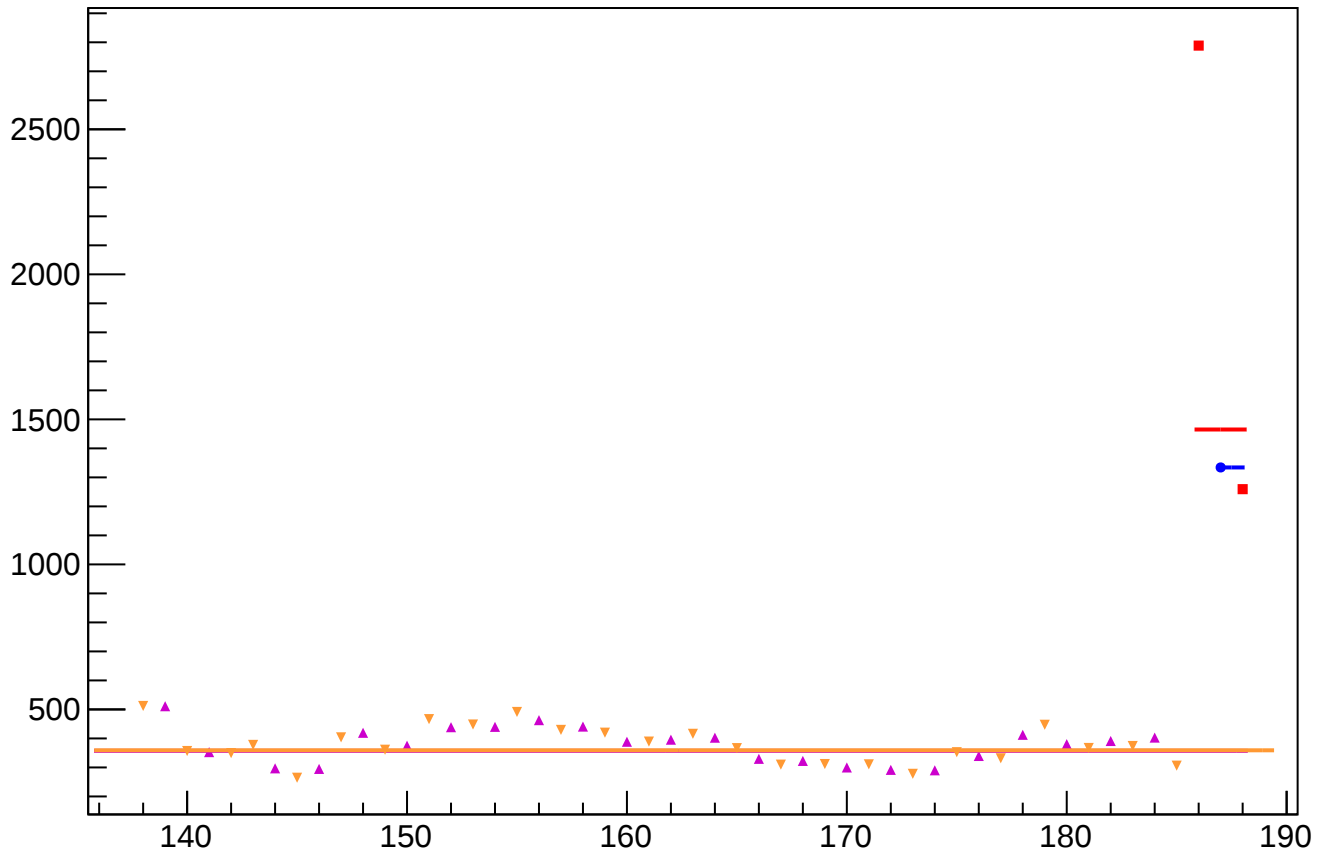
Left In: -88.888 $\pm$ 86.344 χ^2 /NDF: 19.5/22

+ sign -413.357 $\pm$ 85.112 χ^2 /NDF: 58.9/25

All: -251.225 $\pm$ 60.575 χ^2 /NDF: 87.6/50

- sign -84.808 $\pm$ 86.230 χ^2 /NDF: 21.3/24

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: 1465.084 $\pm$ 1.186 χ^2 /NDF: 193476.9/1

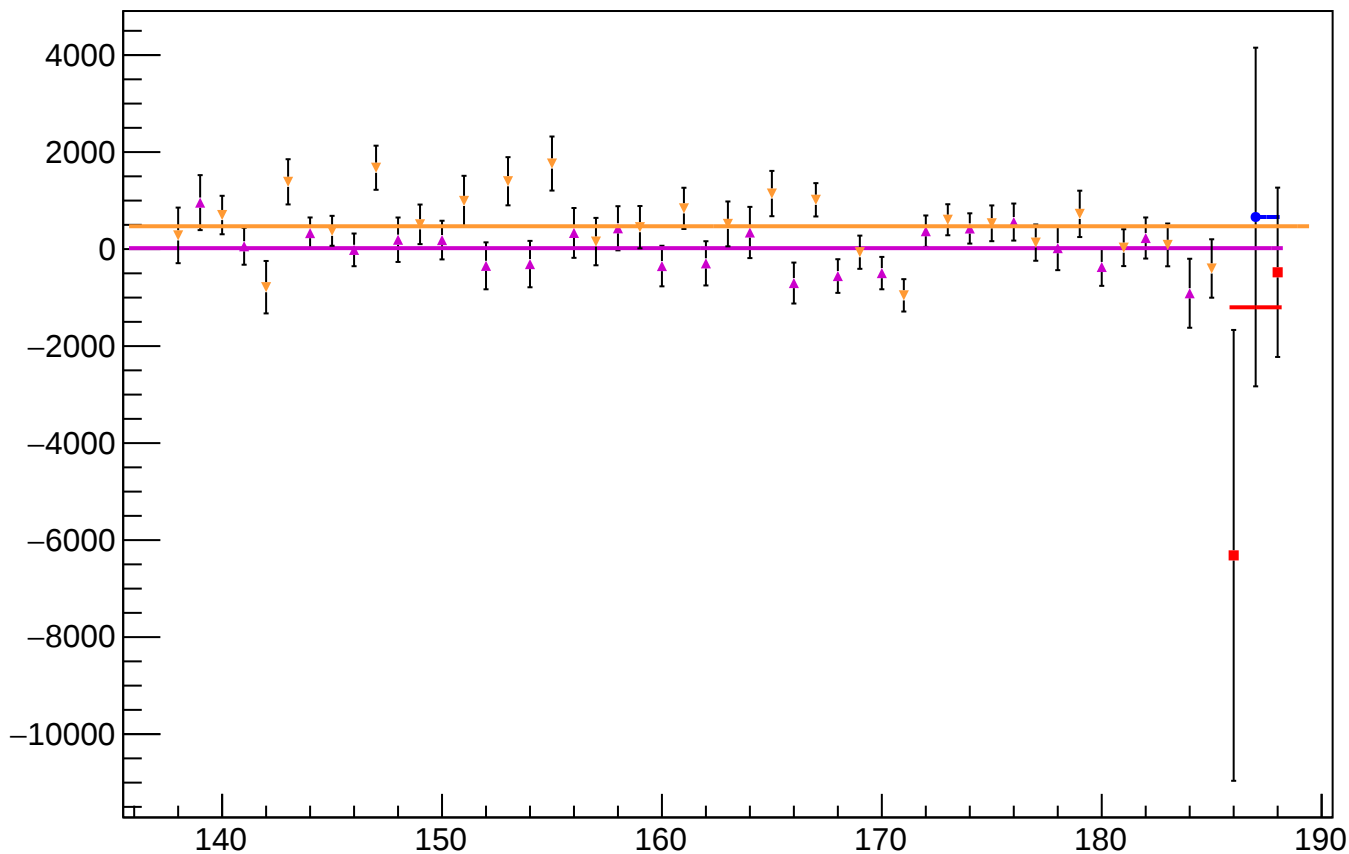
Left In: 357.207 $\pm$ 0.061 χ^2 /NDF:930542.1/22

+ sign 359.688 $\pm$ 0.060 χ^2 /NDF: 1216516.3/25

All: 359.908 $\pm$ 0.043 χ^2 /NDF: 3210539.8/50

- sign 360.134 $\pm$ 0.061 χ^2 /NDF: 1993996.3/24

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: -1200.102 ± 1634.250 χ^2/NDF : 1.4/1

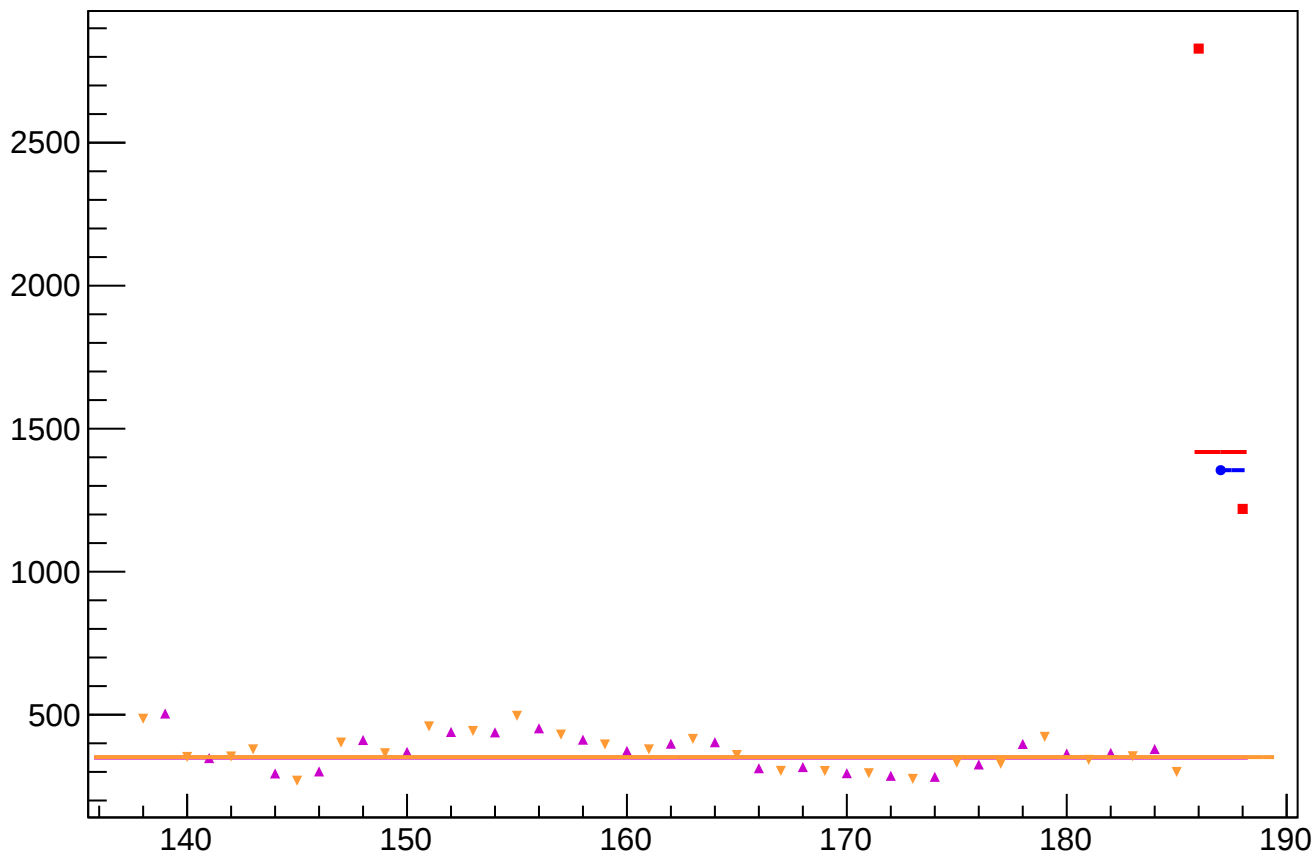
Left In: 19.328 ± 84.679 χ^2/NDF : 23.7/22

+ sign 470.913 ± 83.456 χ^2/NDF : 58.7/25

All: 246.493 ± 59.401 χ^2/NDF : 99.0/50

- sign 16.062 ± 84.566 χ^2/NDF : 25.6/24

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: 1418.518+/-1.156 χ^2/NDF : 210174.0/1

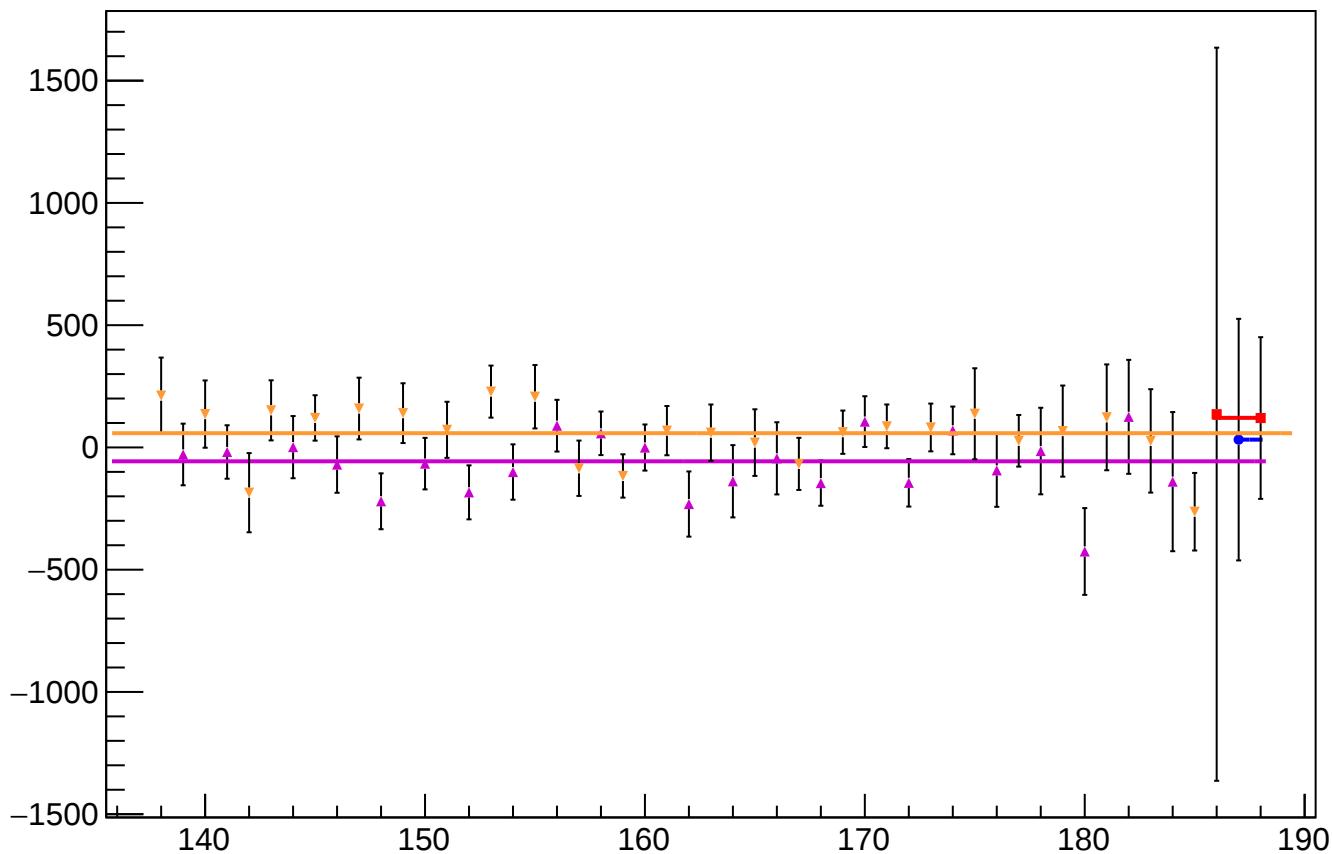
Left In: 350.037+/-0.060 χ^2/NDF : 889435.7/22

+ sign 352.350+/-0.059 χ^2/NDF : 1181818.3/25

All: 352.621+/-0.042 χ^2/NDF : 3134103.3/50

- sign 352.898+/-0.060 χ^2/NDF : 1952242.5/24

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: 120.986 $\pm$ 322.835 χ^2 /NDF: 0.0/1

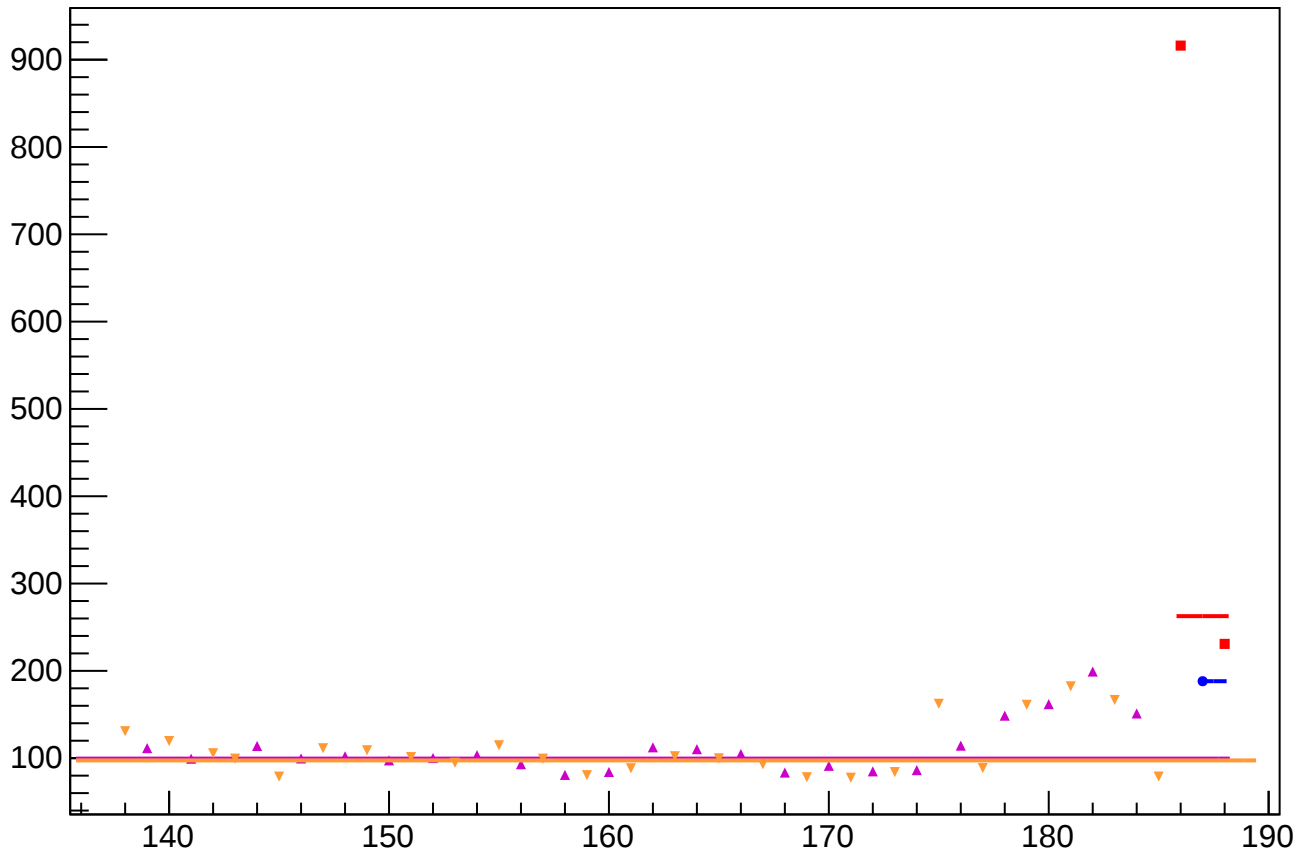
Left In: -56.757 $\pm$ 24.650 χ^2 /NDF:20.9/22

+ sign 58.233 $\pm$ 23.693 χ^2 /NDF: 21.2/25

All: 3.342 $\pm$ 17.058 χ^2 /NDF: 53.5/50

- sign -55.727 $\pm$ 24.578 χ^2 /NDF: 21.2/24

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: 262.674 $\pm$ 0.228 χ^2 /NDF: 398464.7/1

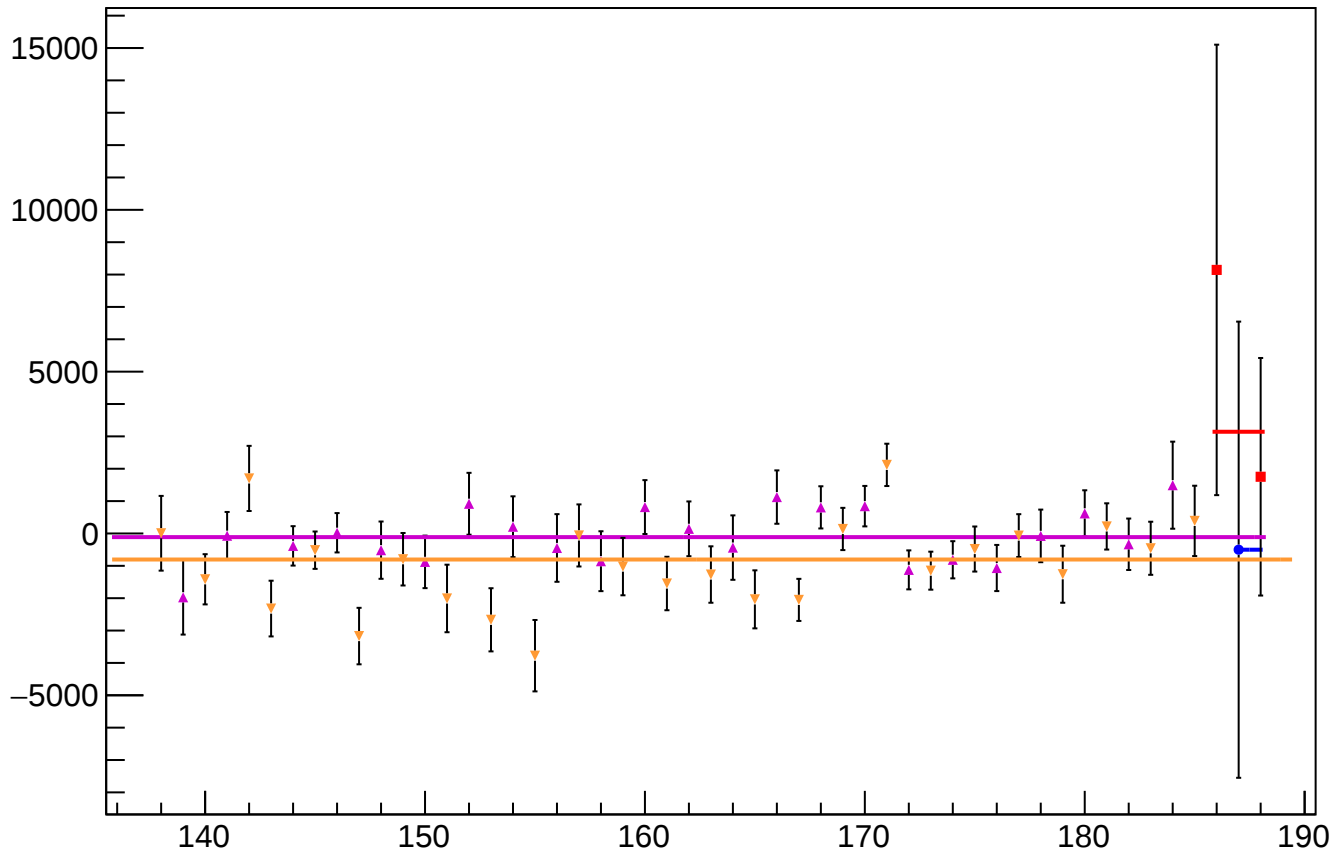
Left In: 99.506 $\pm$ 0.017 χ^2 /NDF:1235754.5/22

+ sign 97.651 $\pm$ 0.017 χ^2 /NDF: 1745710.3/25

All: 99.000 $\pm$ 0.012 χ^2 /NDF: 3901330.8/50

- sign 100.452 $\pm$ 0.017 χ^2 /NDF: 2142156.3/24

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: 3142.837 $\pm$ 3246.441 χ^2 /NDF: 0.7/1

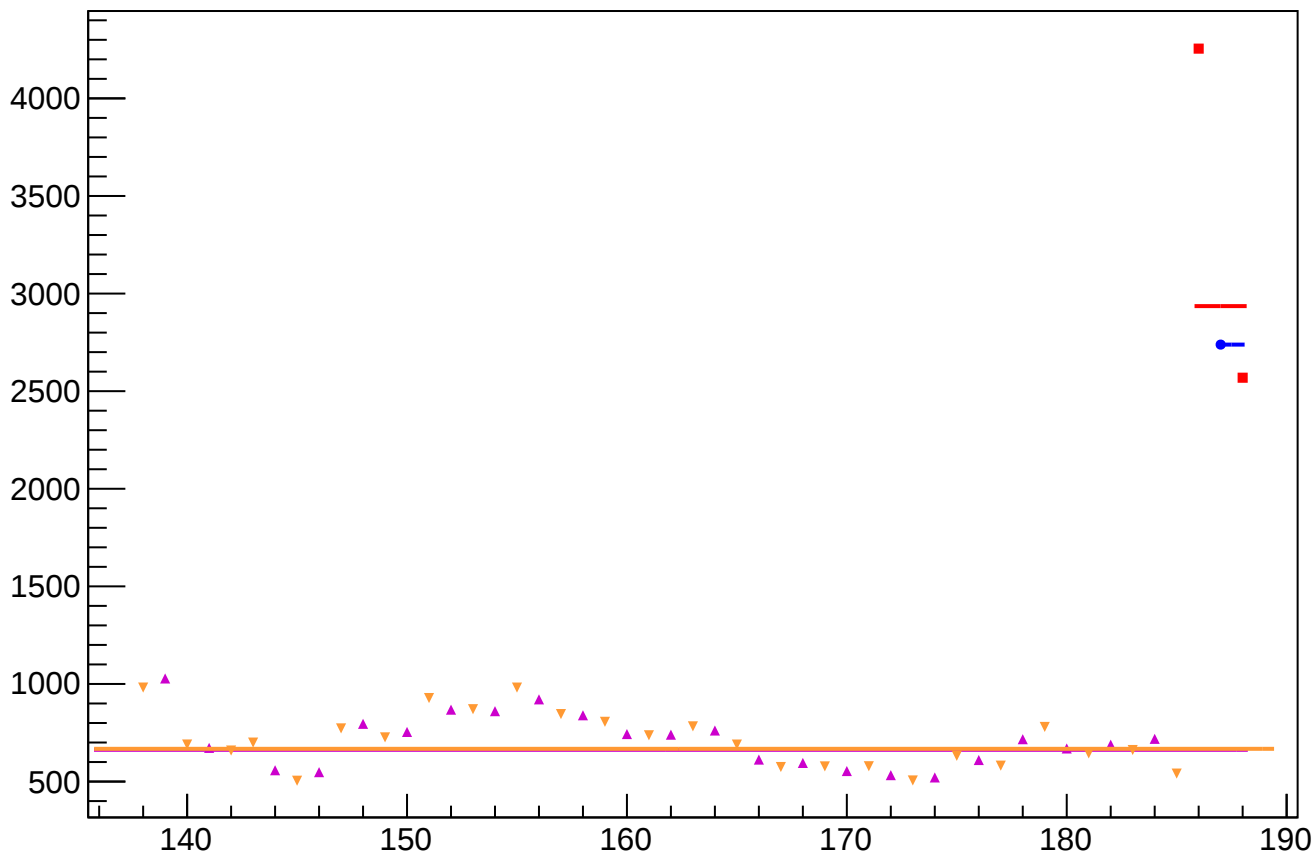
Left In: -112.802 $\pm$ 160.711 χ^2 /NDF: 22.7/22

+ sign -804.698 $\pm$ 158.788 χ^2 /NDF: 65.2/25

All: -458.554 $\pm$ 112.886 χ^2 /NDF: 99.1/50

- sign -104.843 $\pm$ 160.515 χ^2 /NDF: 24.3/24

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: 2935.767+/-2.296 χ^2 /NDF: 91826.5/1

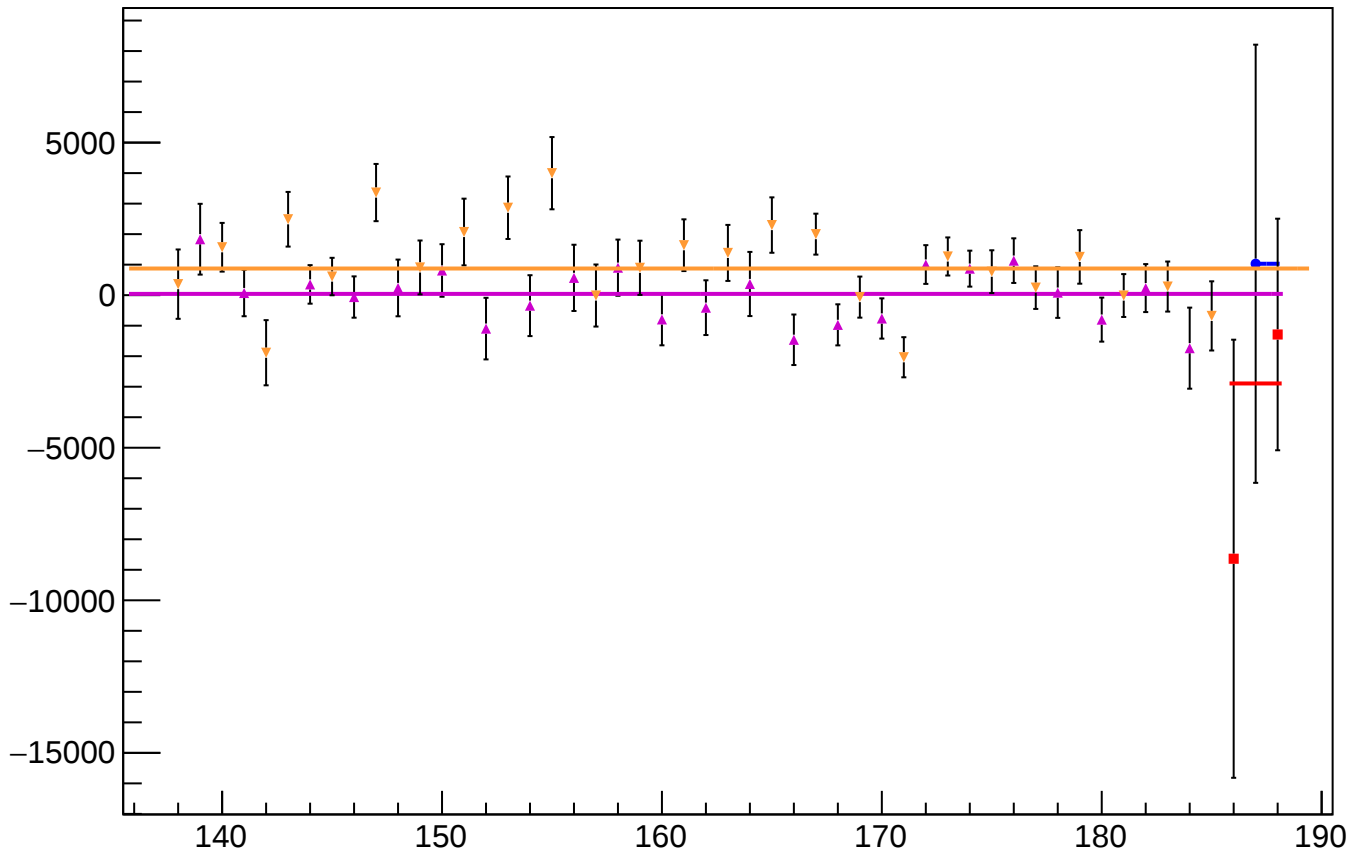
Left In: 662.577+/-0.114 χ^2 /NDF:1163749.4/22

+ sign 668.777+/-0.112 χ^2 /NDF: 1434748.0/25

All: 668.459+/-0.080 χ^2 /NDF: 3668530.5/50

- sign 668.134+/-0.114 χ^2 /NDF: 2233766.2/24

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: -2893.769 $\pm$ 3354.821 χ^2 /NDF: 0.8/1

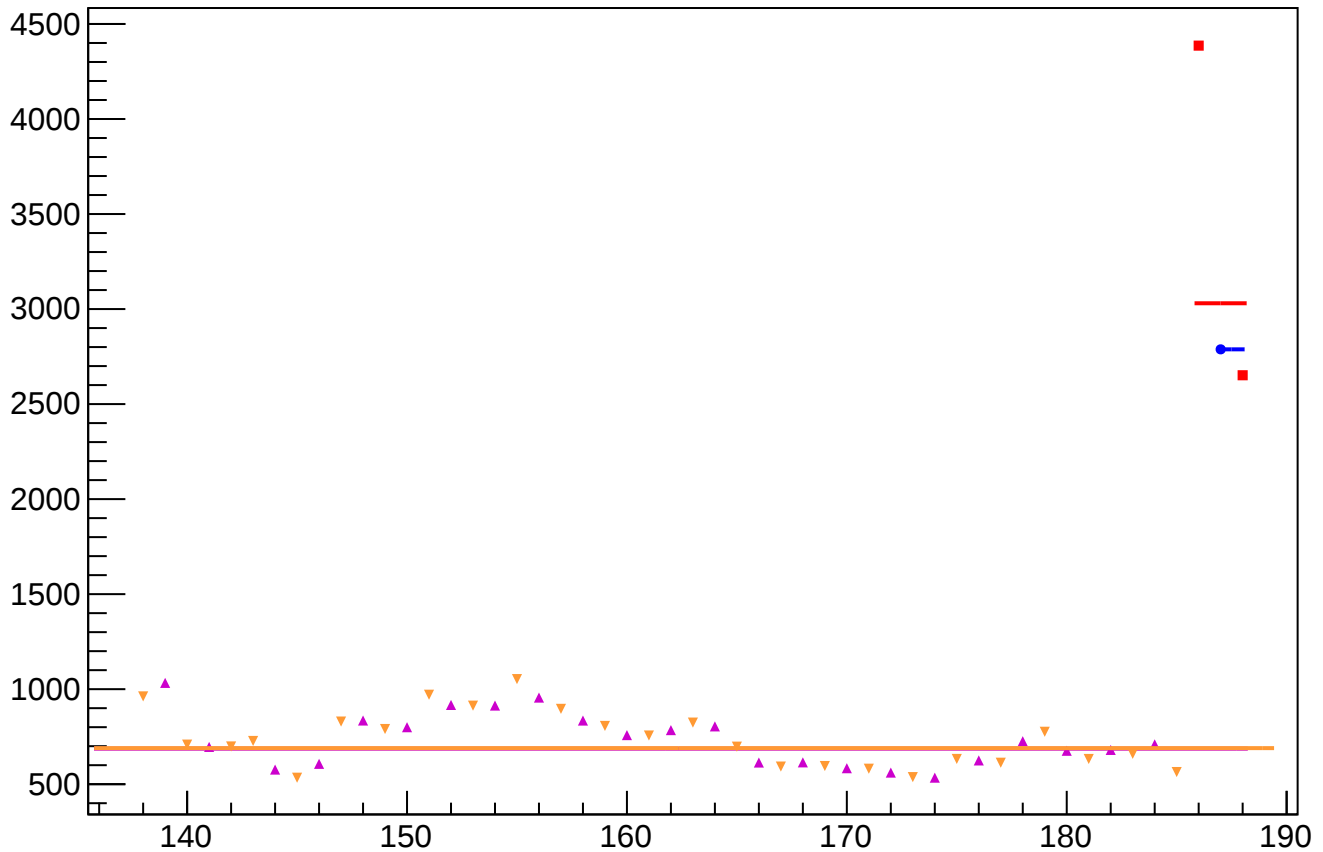
Left In: 41.522 $\pm$ 166.728 χ^2 /NDF:24.1/22

+ sign 873.528 $\pm$ 164.226 χ^2 /NDF: 64.1/25

All: 459.736 $\pm$ 116.928 χ^2 /NDF: 102.7/50

- sign 34.290 $\pm$ 166.522 χ^2 /NDF: 25.7/24

asym_sam_2468_avg_rms vs Slug



Right In: 2788.062+/-5.077 χ^2/NDF : 0.0/0

Left Out: 689.767+/-0.116 χ^2/NDF :1258608.7/24

Right Out: 3030.462+/-2.372 χ^2/NDF : 91241.0/1

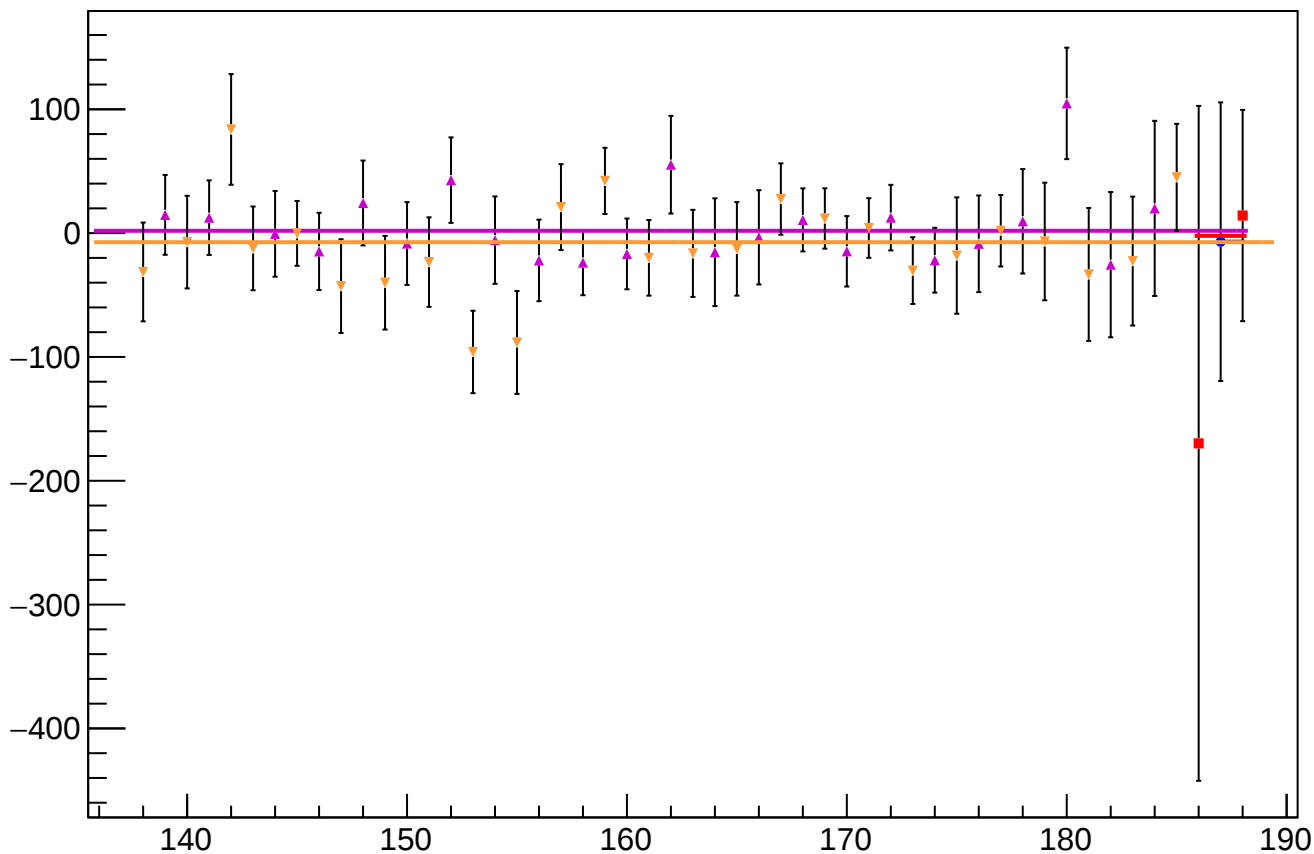
Left In: 686.944+/-0.118 χ^2/NDF :1116042.4/22

+ sign 690.864+/-0.116 χ^2/NDF : 1429330.9/25

All: 691.778+/-0.083 χ^2/NDF : 3610286.2/50

- sign 692.718+/-0.118 χ^2/NDF : 2180829.7/24

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: -2.212 ± 81.414 χ^2/NDF : 0.4/1

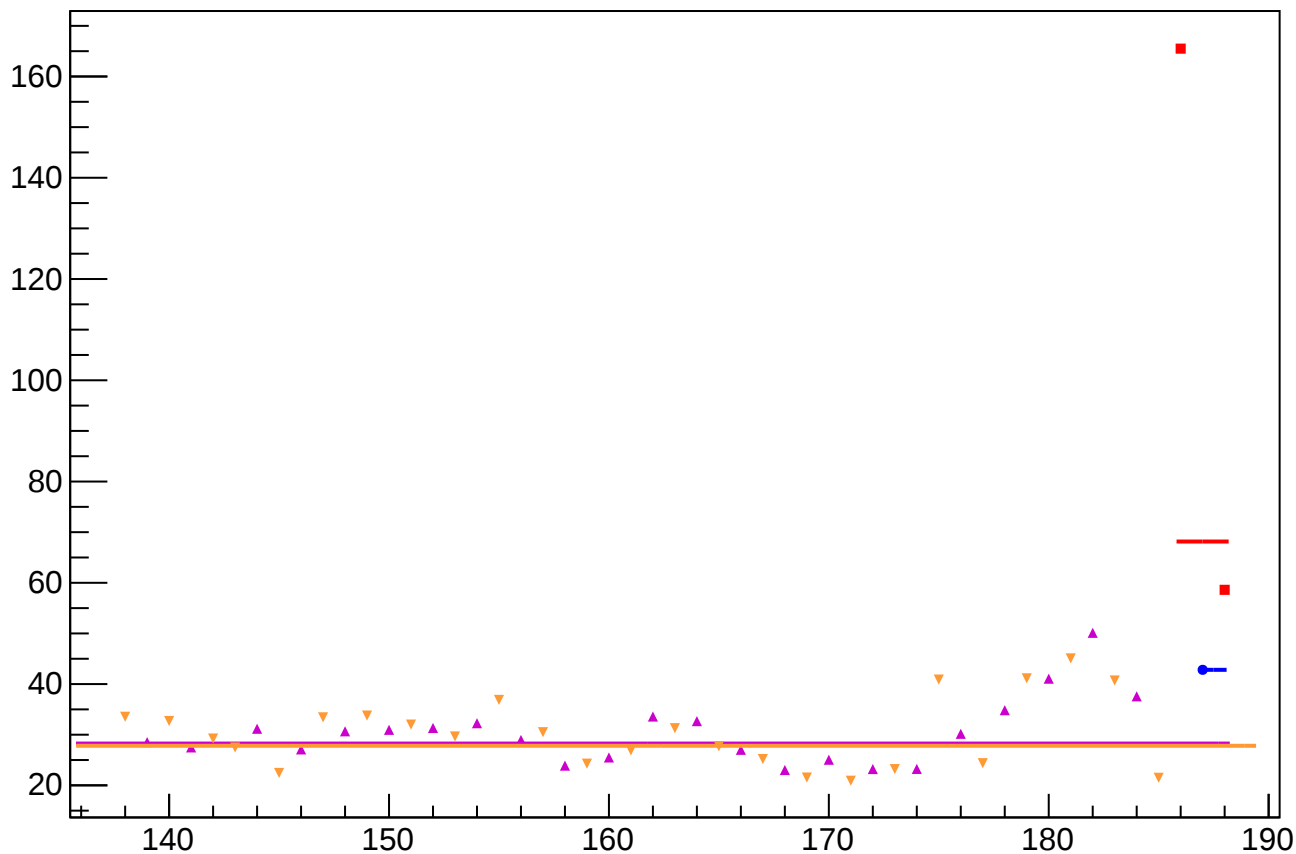
Left In: 1.899 ± 6.962 χ^2/NDF : 13.5/22

+ sign -7.300 ± 6.734 χ^2/NDF : 26.7/25

All: -2.851 ± 4.832 χ^2/NDF : 41.5/50

- sign 1.870 ± 6.937 χ^2/NDF : 13.9/24

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: 68.154 $\pm$ 0.058 χ^2 /NDF: 280188.9/1

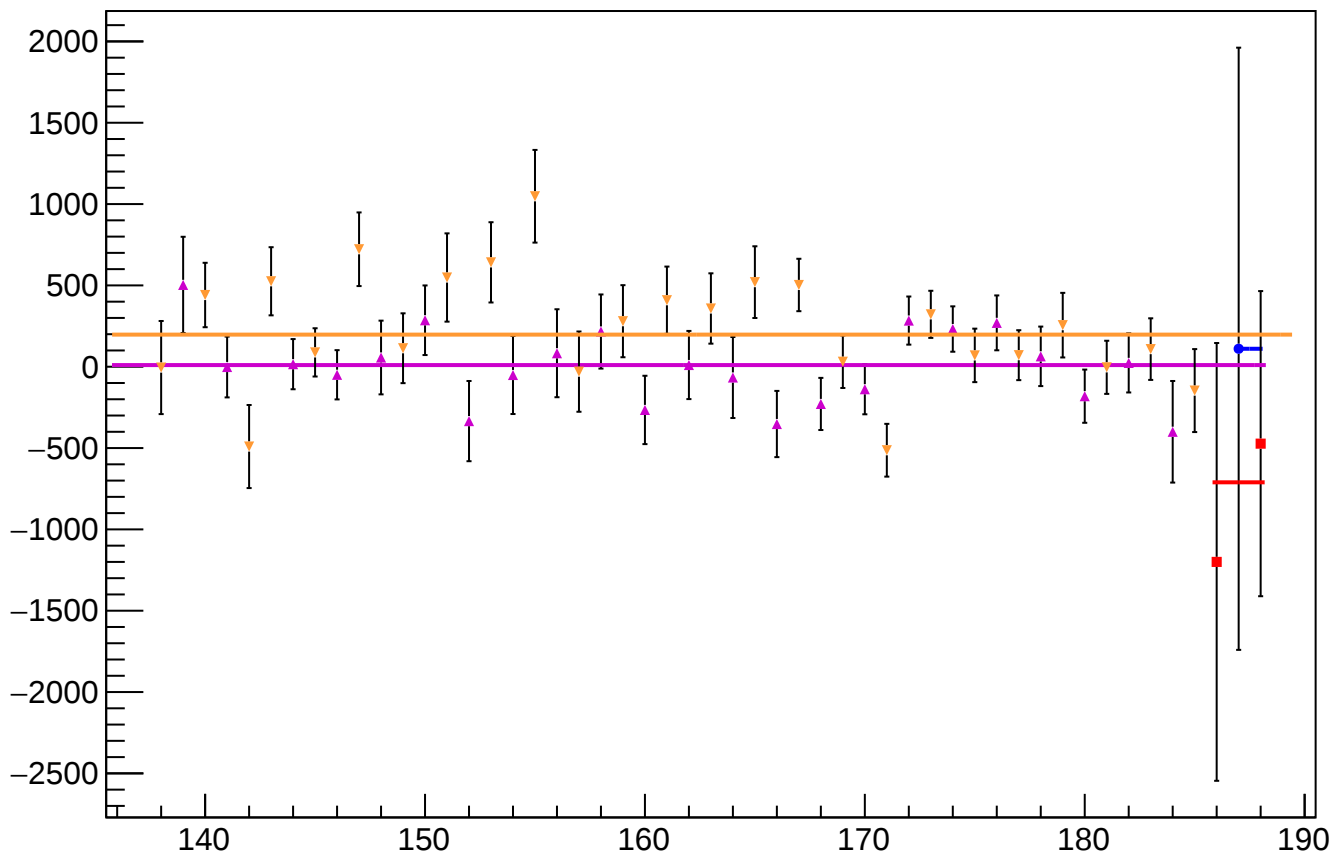
Left In: 28.249 $\pm$ 0.005 χ^2 /NDF: 1000650.4/22

+ sign 27.868 $\pm$ 0.005 χ^2 /NDF: 1571724.8/25

All: 28.194 $\pm$ 0.003 χ^2 /NDF: 3339203.4/50

- sign 28.539 $\pm$ 0.005 χ^2 /NDF: 1757839.1/24

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: -710.625 $\pm$ 769.505 χ^2 /NDF: 0.2/1

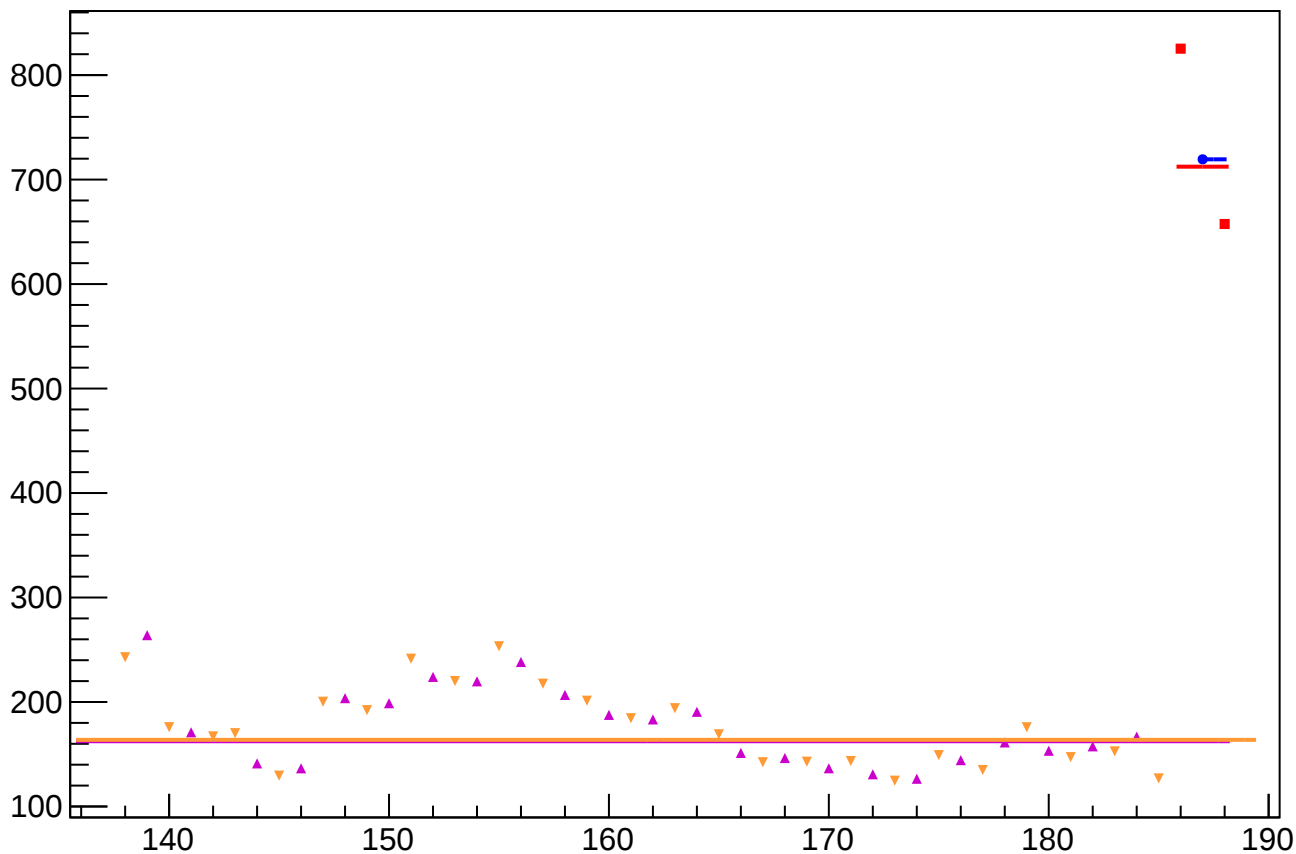
Left In: 10.177 $\pm$ 39.512 χ^2 /NDF: 27.2/22

+ sign 197.395 $\pm$ 39.061 χ^2 /NDF: 65.9/25

All: 103.799 $\pm$ 27.760 χ^2 /NDF: 105.7/50

- sign 8.282 $\pm$ 39.460 χ^2 /NDF: 28.3/24

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: 712.356+/-0.544 χ^2/NDF : 20930.3/1

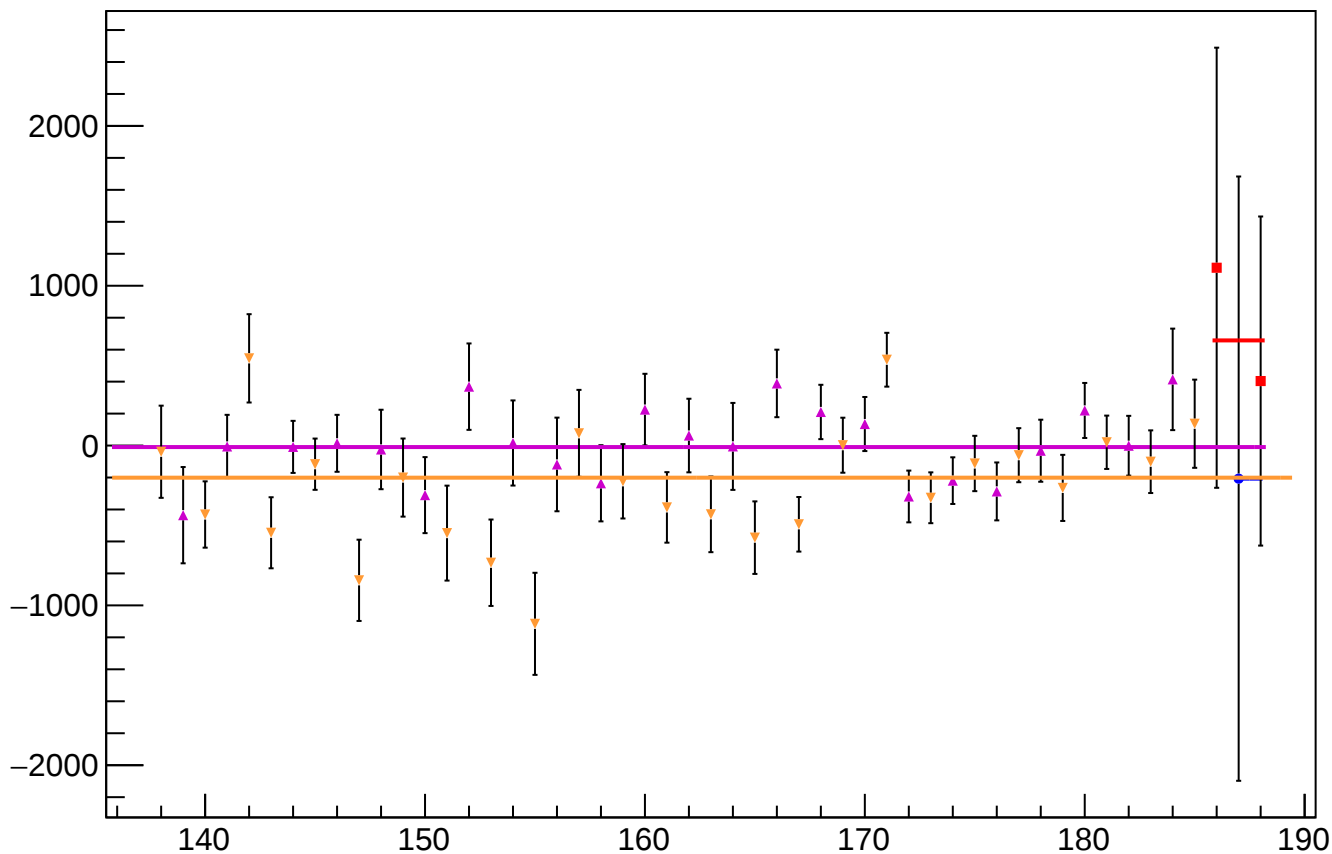
Left In: 162.447+/-0.028 χ^2/NDF :1344185.5/22

+ sign 164.028+/-0.028 χ^2/NDF : 1623318.5/25

All: 163.961+/-0.020 χ^2/NDF : 4007144.4/50

- sign 163.893+/-0.028 χ^2/NDF : 2383814.0/24

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: 657.930+/-824.576 χ^2/NDF : 0.2/1

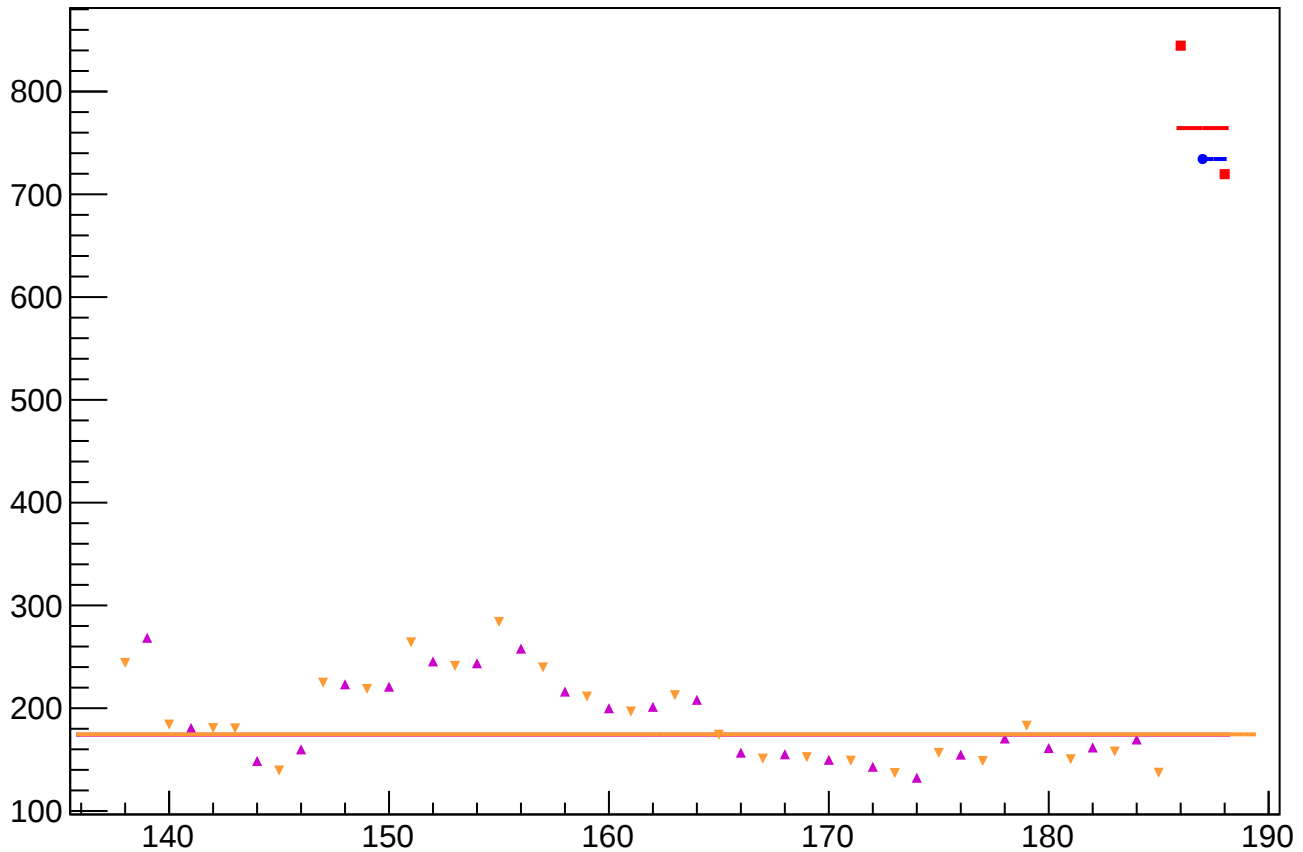
Left In: -9.384+/-42.437 χ^2/NDF : 25.4/22

+ sign -200.933+/-41.731 χ^2/NDF : 65.5/25

All: -105.770+/-29.735 χ^2/NDF : 102.3/50

- sign -7.621+/-42.381 χ^2/NDF : 26.2/24

asym_sam_1357_2468_dd_rms vs Slug



Right In: 734.330 $\pm$ 1.337 χ^2 /NDF: 0.0/0

Left Out: 174.567 $\pm$ 0.030 χ^2 /NDF:1532900.3/24

Right Out: 764.449 $\pm$ 0.583 χ^2 /NDF: 10571.0/1

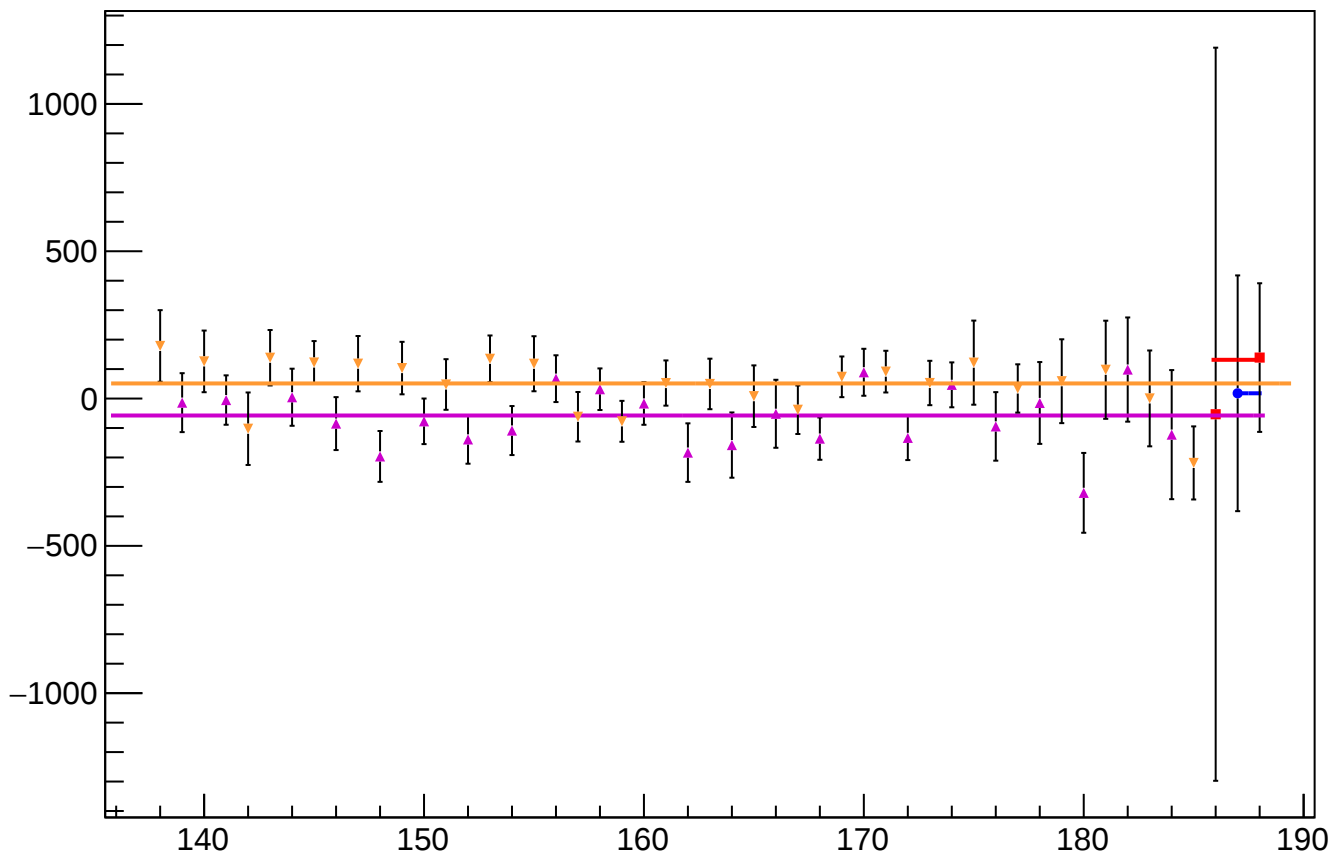
Left In: 174.217 $\pm$ 0.030 χ^2 /NDF:1364600.9/22

+ sign 174.839 $\pm$ 0.030 χ^2 /NDF: 1708144.5/25

All: 175.301 $\pm$ 0.021 χ^2 /NDF: 4105845.2/50

- sign 175.776 $\pm$ 0.030 χ^2 /NDF: 2397204.8/24

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: 131.500+/-247.227 χ^2/NDF : 0.0/1

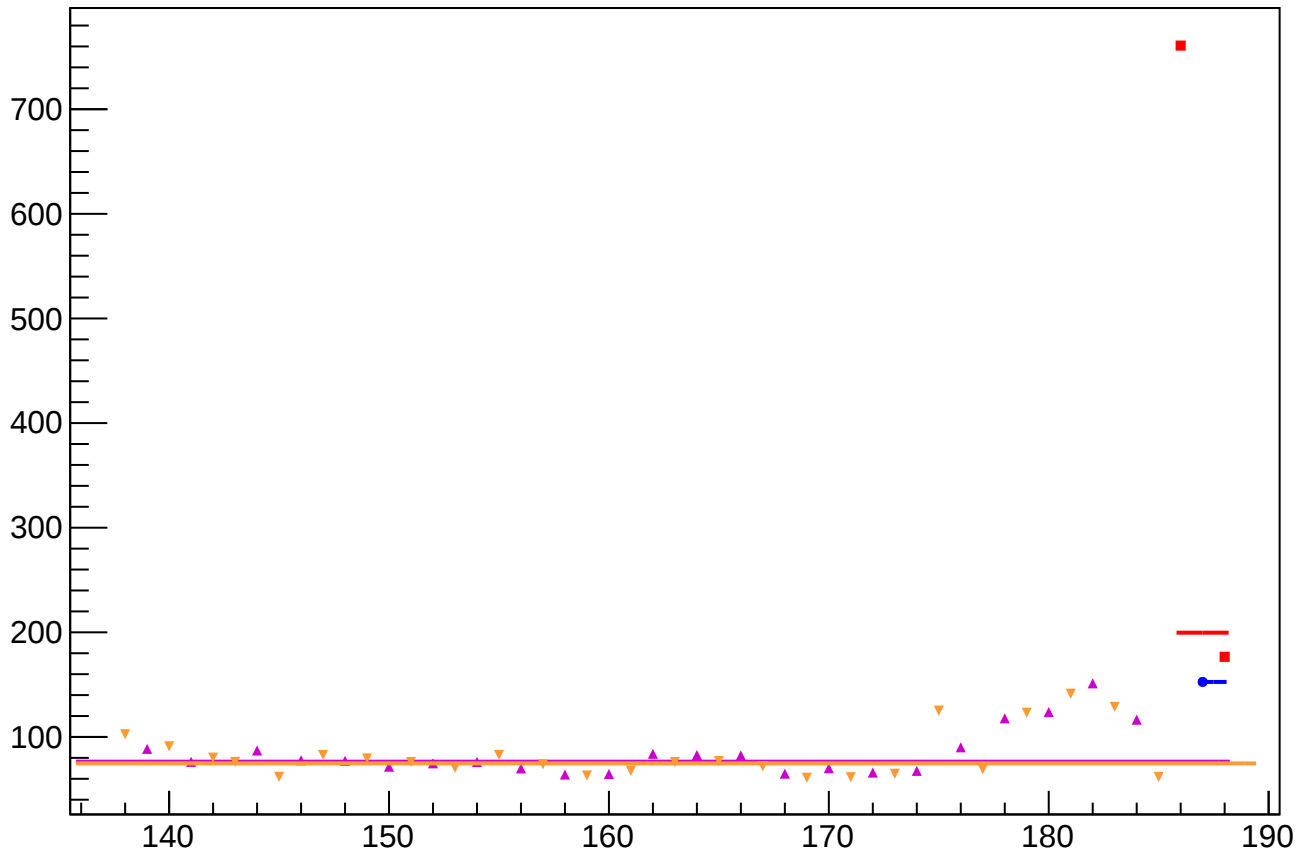
Left In: -57.530+/-18.875 χ^2/NDF : 24.2/22

+ sign 51.219+/-18.112 χ^2/NDF : 19.7/25

All: -0.545+/-13.051 χ^2/NDF : 61.5/50

- sign -56.434+/-18.820 χ^2/NDF : 24.8/24

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: 199.657 $\pm$ 0.175 χ^2 /NDF: 423544.4/1

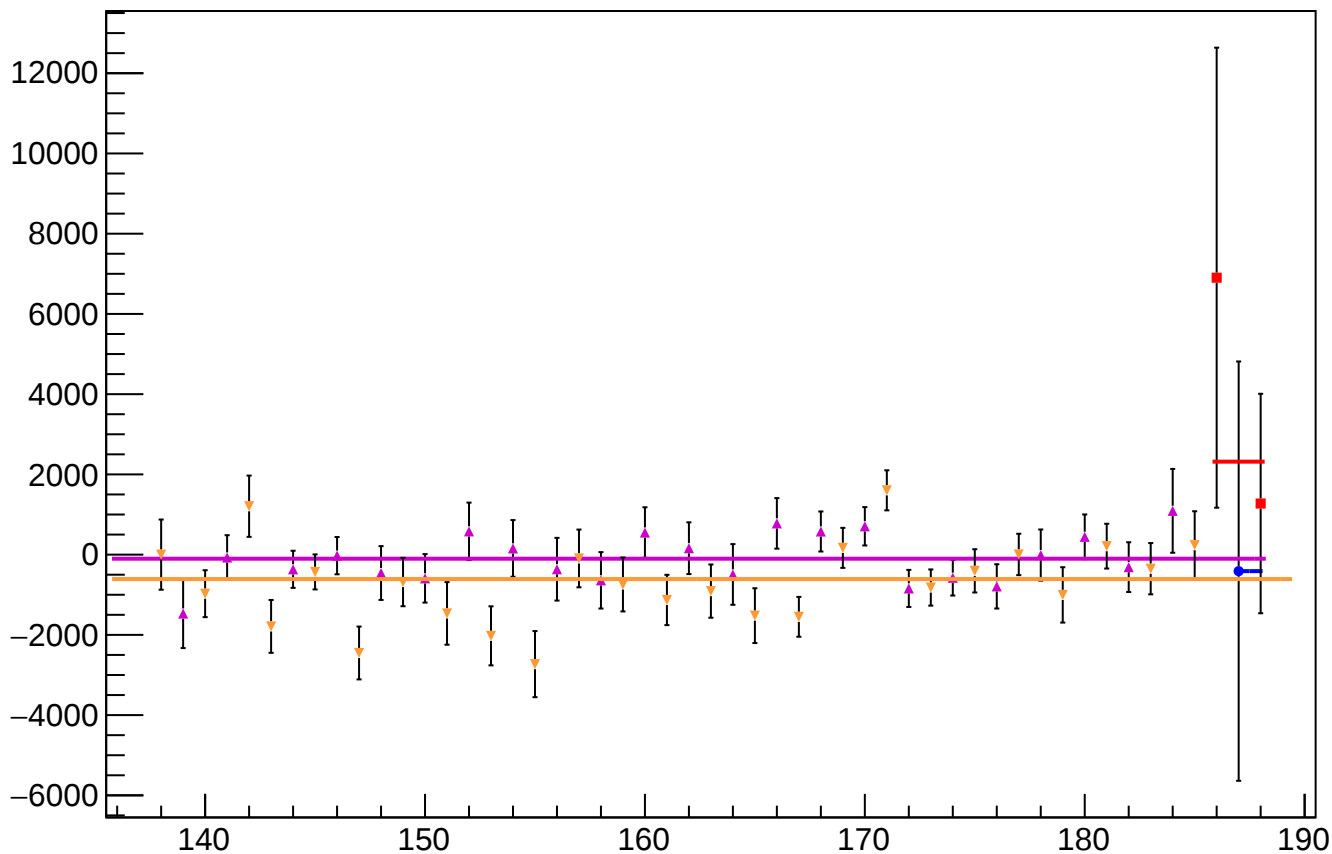
Left In: 76.366 $\pm$ 0.013 χ^2 /NDF: 1218796.6/22

+ sign 74.880 $\pm$ 0.013 χ^2 /NDF: 1650790.7/25

All: 75.939 $\pm$ 0.009 χ^2 /NDF: 3801830.2/50

- sign 77.081 $\pm$ 0.013 χ^2 /NDF: 2136844.4/24

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -411.132 ± 5226.215 χ^2/NDF : 0.0/0

Left Out: -609.040 ± 121.297 χ^2/NDF : 63.6/24

Right Out: 2317.825 ± 2468.681 χ^2/NDF : 0.8/1

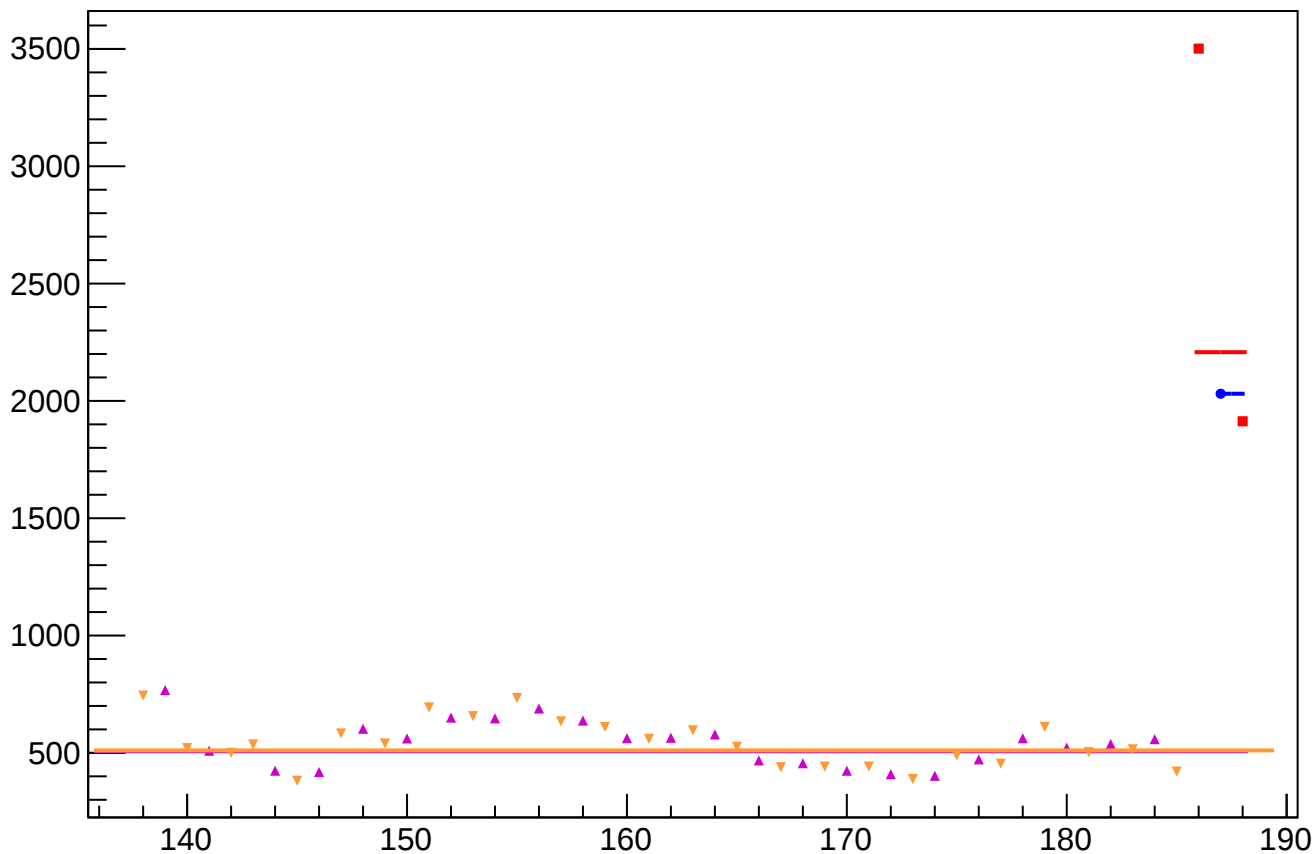
Left In: -101.332 ± 122.813 χ^2/NDF : 21.4/22

+ sign -608.933 ± 121.265 χ^2/NDF : 63.6/25

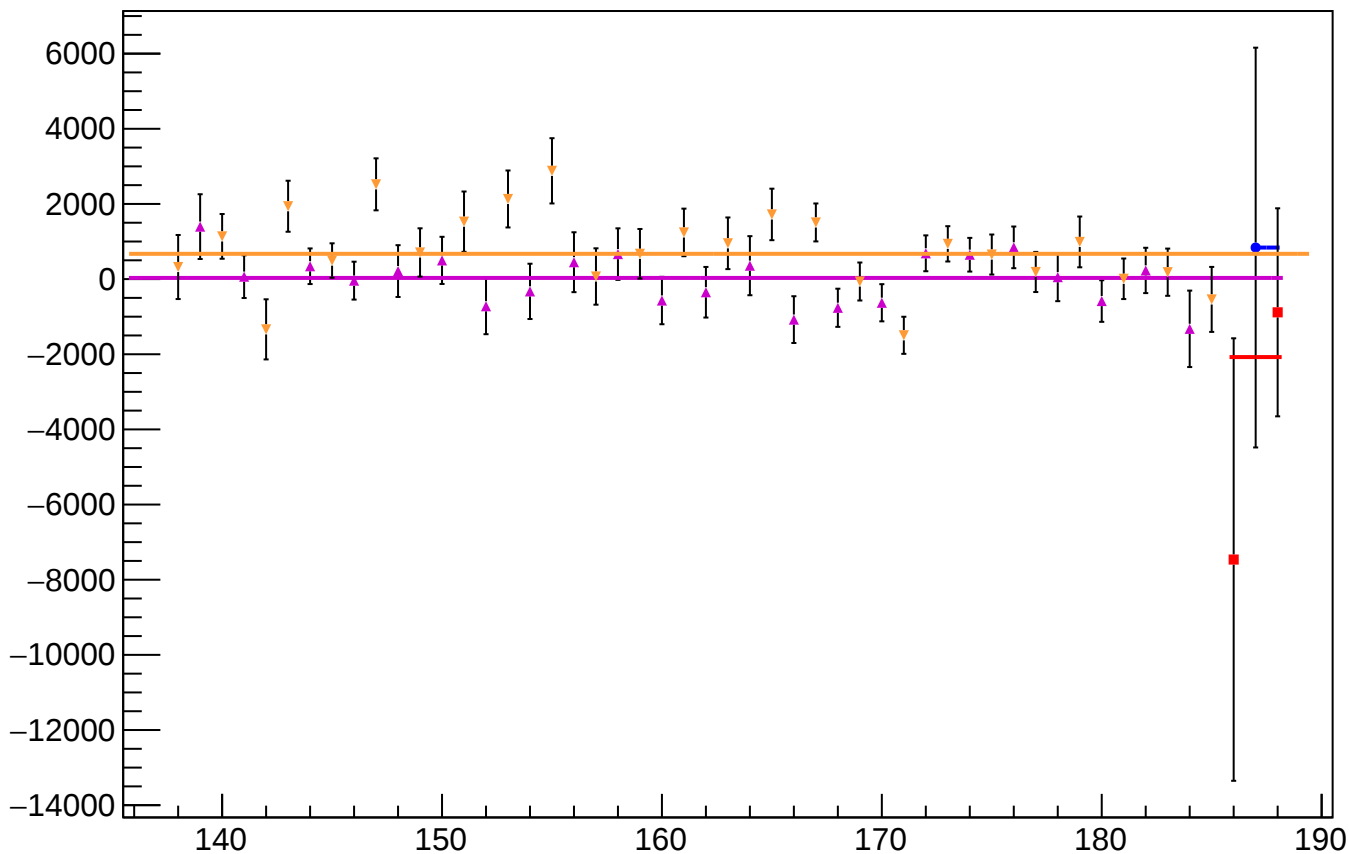
All: -355.087 ± 86.237 χ^2/NDF : 95.6/50

- sign -95.360 ± 122.661 χ^2/NDF : 23.1/24

asym_sam_12345678_avg_correction_rms vs Slug



asym_sam_12345678_avg_mean vs Slug



Right In: 839.132 ± 5319.599 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 672.498 ± 123.428 $\chi^2/\text{NDF}: 62.8/24$

Right Out: -2075.155 ± 2505.233 $\chi^2/\text{NDF}: 1.0/1$

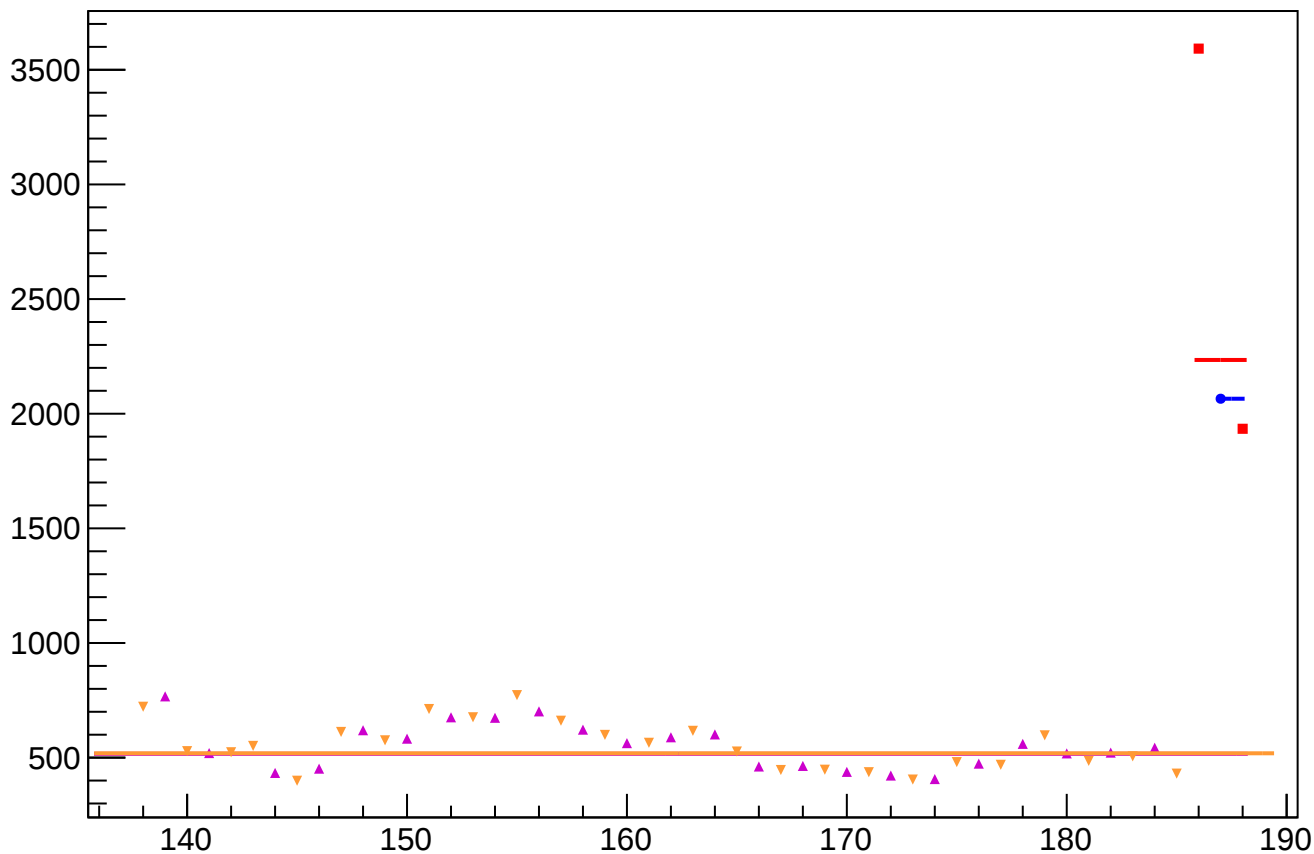
Left In: 31.056 ± 125.236 $\chi^2/\text{NDF}: 23.8/22$

+ sign 672.588 ± 123.395 $\chi^2/\text{NDF}: 62.8/25$

All: 353.584 ± 87.843 $\chi^2/\text{NDF}: 101.9/50$

- sign 25.806 ± 125.080 $\chi^2/\text{NDF}: 25.6/24$

asym_sam_12345678_avg_rms vs Slug



Right In: 2065.356+/-3.762 χ^2/NDF : 0.0/0

Left Out: 518.935+/-0.087 χ^2/NDF :1172613.9/24

Right Out: 2234.463+/-1.771 χ^2/NDF : 129881.9/1

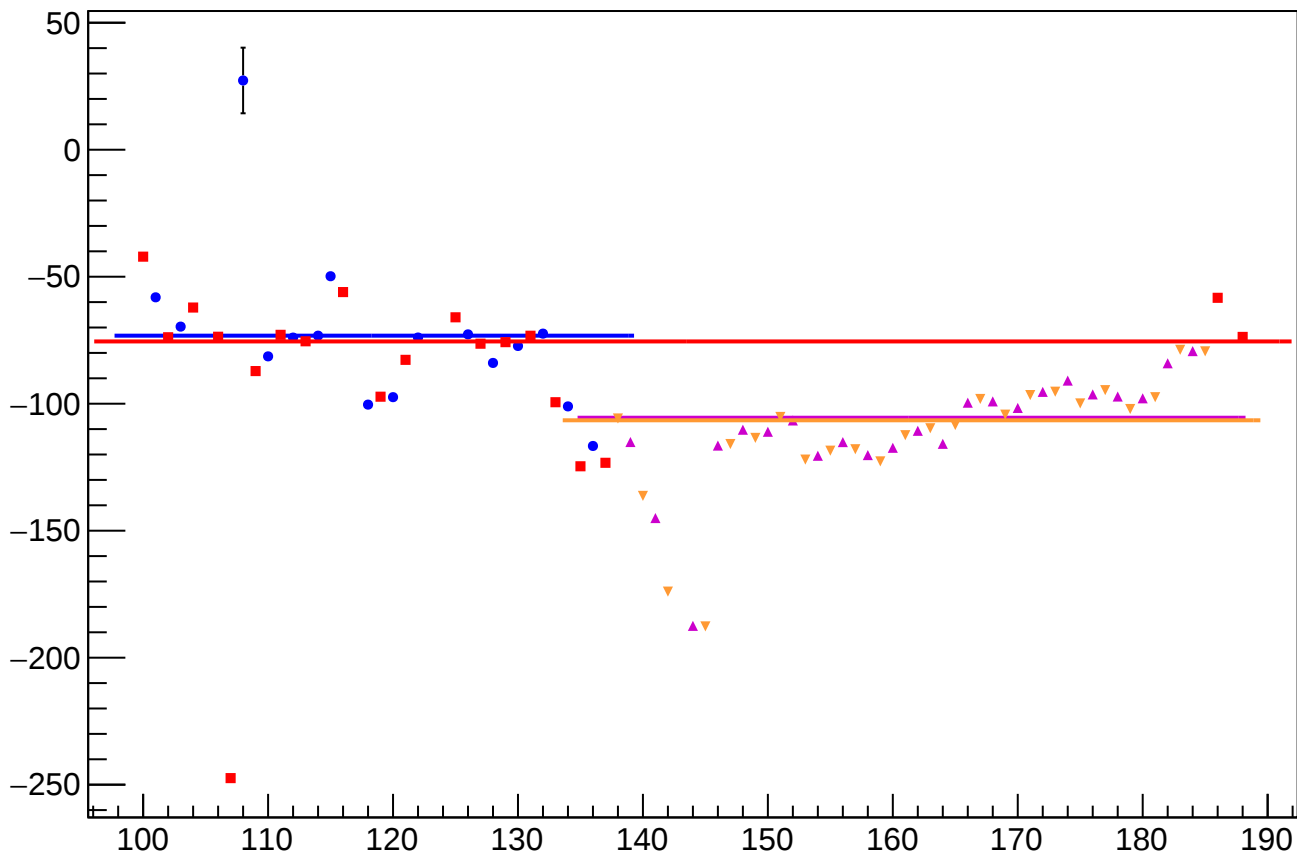
Left In: 516.594+/-0.089 χ^2/NDF :1036092.8/22

+ sign 519.767+/-0.087 χ^2/NDF : 1341538.9/25

All: 520.314+/-0.062 χ^2/NDF : 3445652.1/50

- sign 520.876+/-0.088 χ^2/NDF : 2104033.6/24

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: -75.482 ± 0.074 χ^2/NDF : 57889.7/19

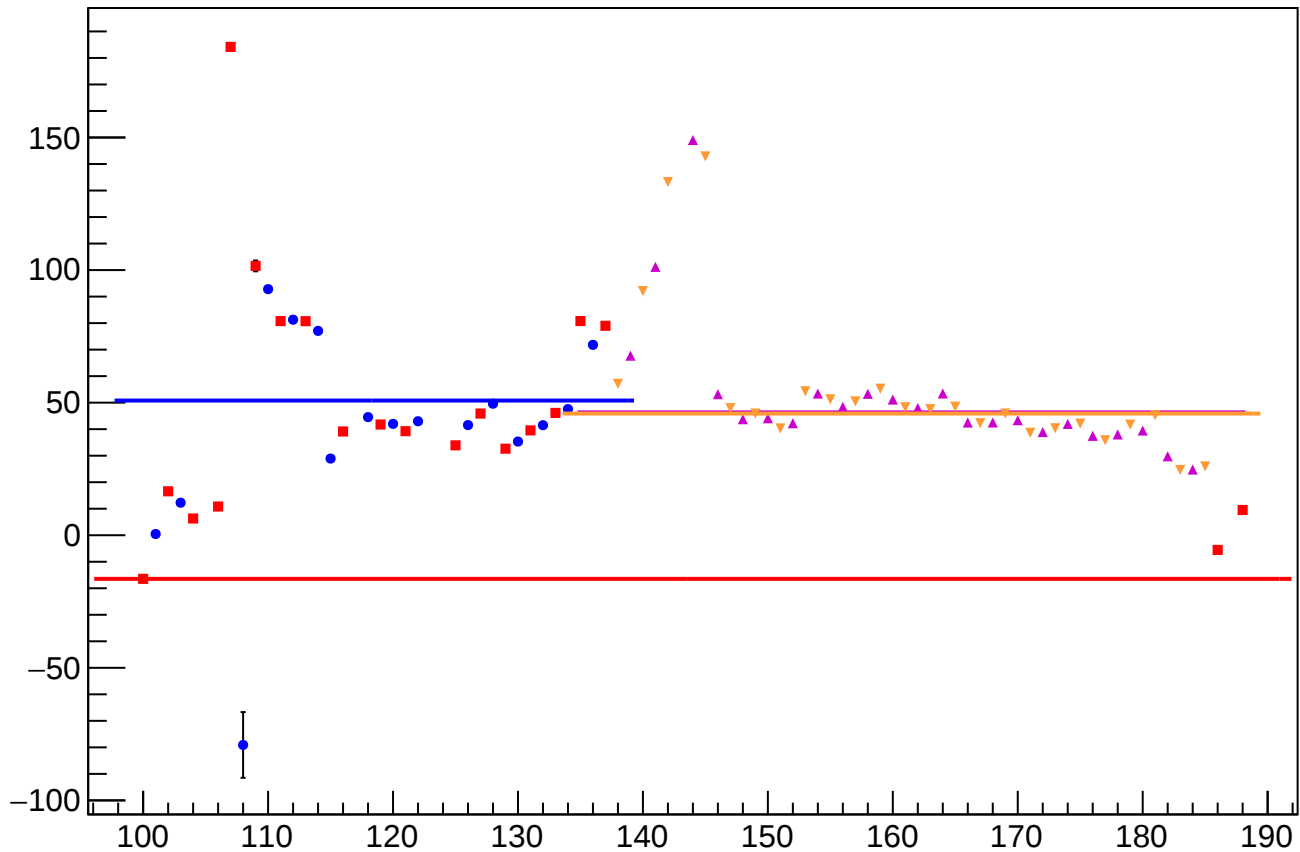
Left In: -105.520 ± 0.046 χ^2/NDF : 128731.9/22

+ sign -73.209 ± 0.000 χ^2/NDF : 662967.2/39

All: -73.209 ± 0.000 χ^2/NDF : 1351484.4/82

- sign -97.204 ± 0.039 χ^2/NDF : 306484.4/42

dit_usl_4eX_slope vs Slug



Right In: 50.796 ± 0.074 $\chi^2/\text{NDF}: 89943.6/15$

Left Out: 45.893 ± 0.042 $\chi^2/\text{NDF}: 80415.6/23$

Right Out: -16.452 ± 0.000 $\chi^2/\text{NDF}: 547987.1/19$

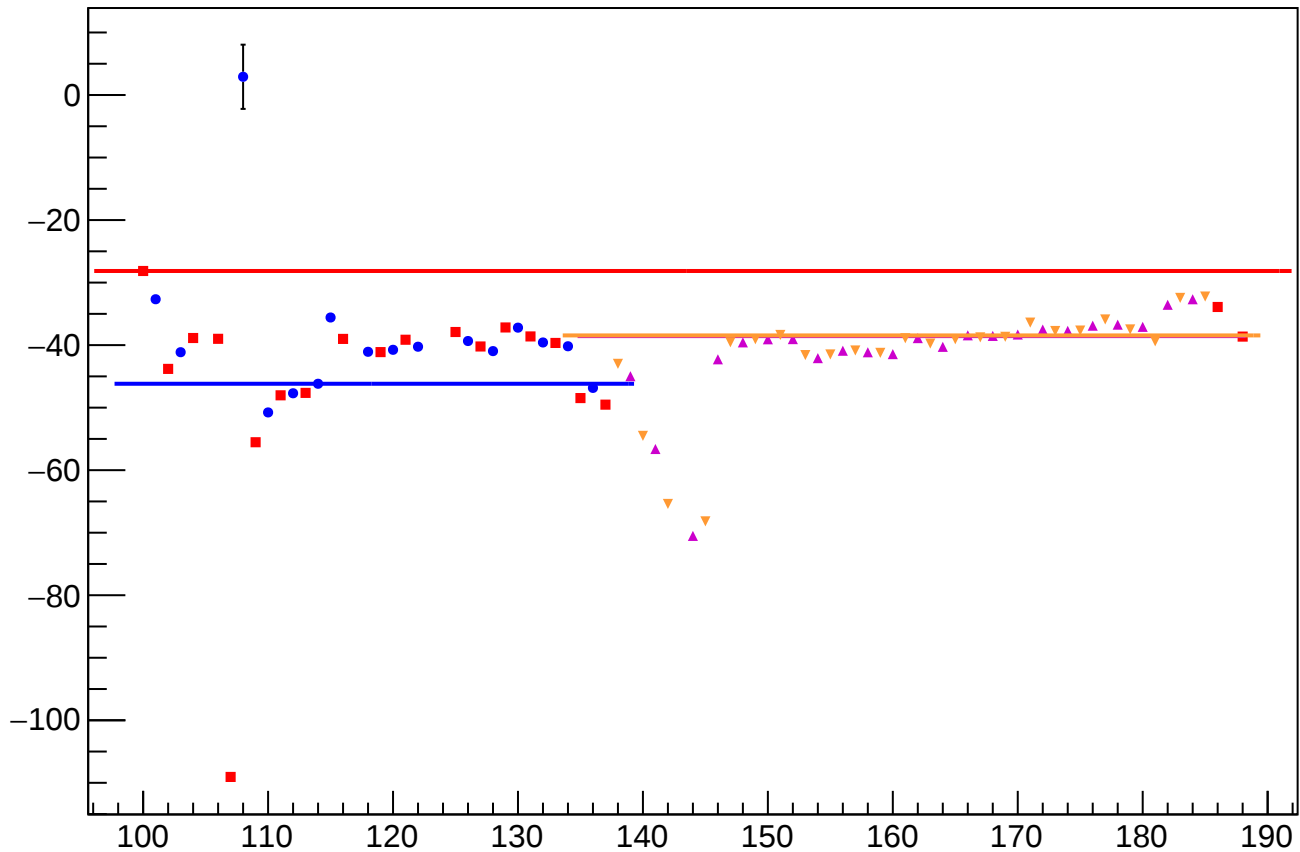
Left In: 46.346 ± 0.040 $\chi^2/\text{NDF}: 165523.0/22$

+ sign 47.071 ± 0.036 $\chi^2/\text{NDF}: 173674.3/39$

All: -16.452 ± 0.000 $\chi^2/\text{NDF}: 6439351.4/82$

- sign -16.452 ± 0.000 $\chi^2/\text{NDF}: 3217277.2/42$

dit_usl_11X12X_slope vs Slug



Right In: -46.180 $\pm$ 0.000 χ^2 /NDF: 472878.7/15

Left Out: -38.448 $\pm$ 0.006 χ^2 /NDF: 406675.3/23

Right Out: -28.144 $\pm$ 0.000 χ^2 /NDF: 781620.3/19

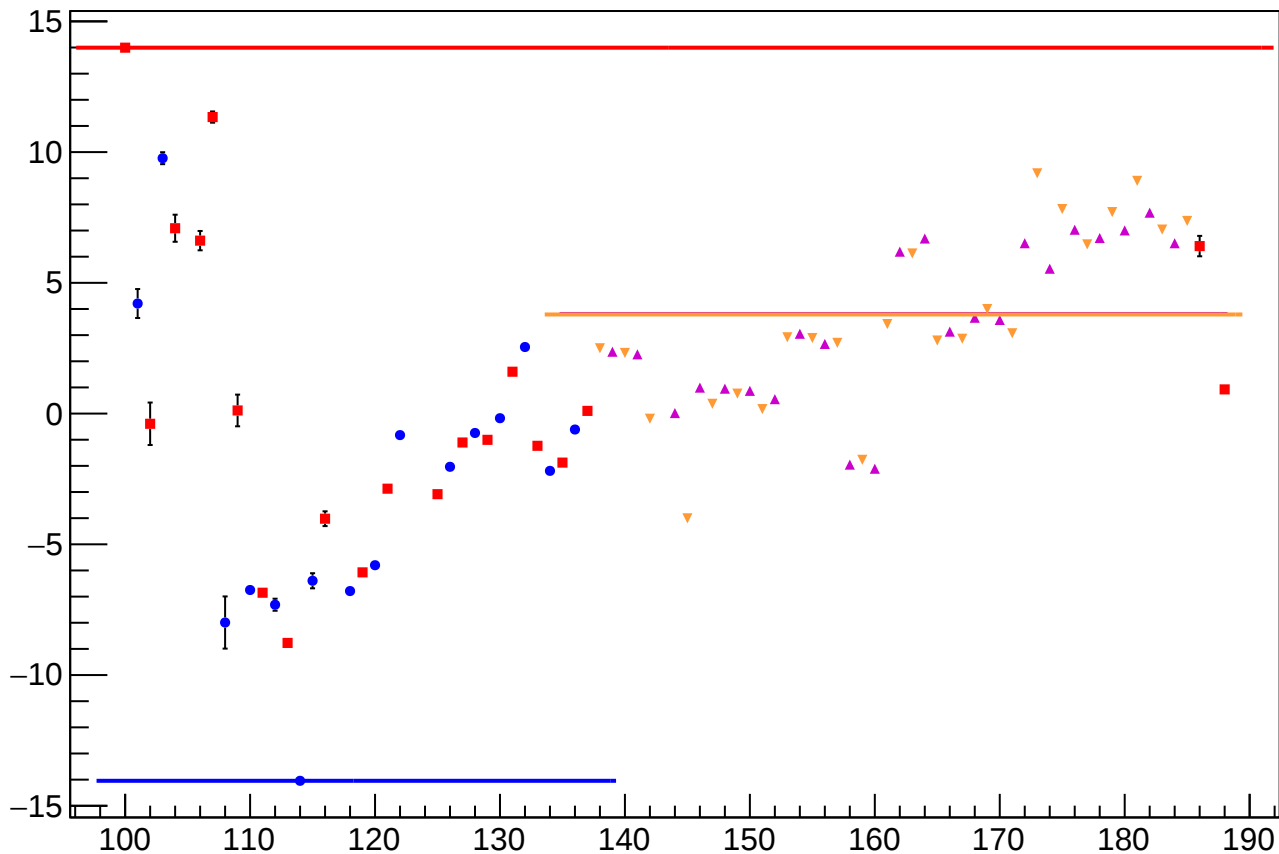
Left In: -38.560 $\pm$ 0.007 χ^2 /NDF: 334709.2/22

+ sign -46.180 $\pm$ 0.000 χ^2 /NDF: 2716745.3/39

All: -33.813 $\pm$ 0.000 χ^2 /NDF: 539977182263

- sign -28.144 $\pm$ 0.000 χ^2 /NDF: 3647733.3/42

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 : 395693.3/19

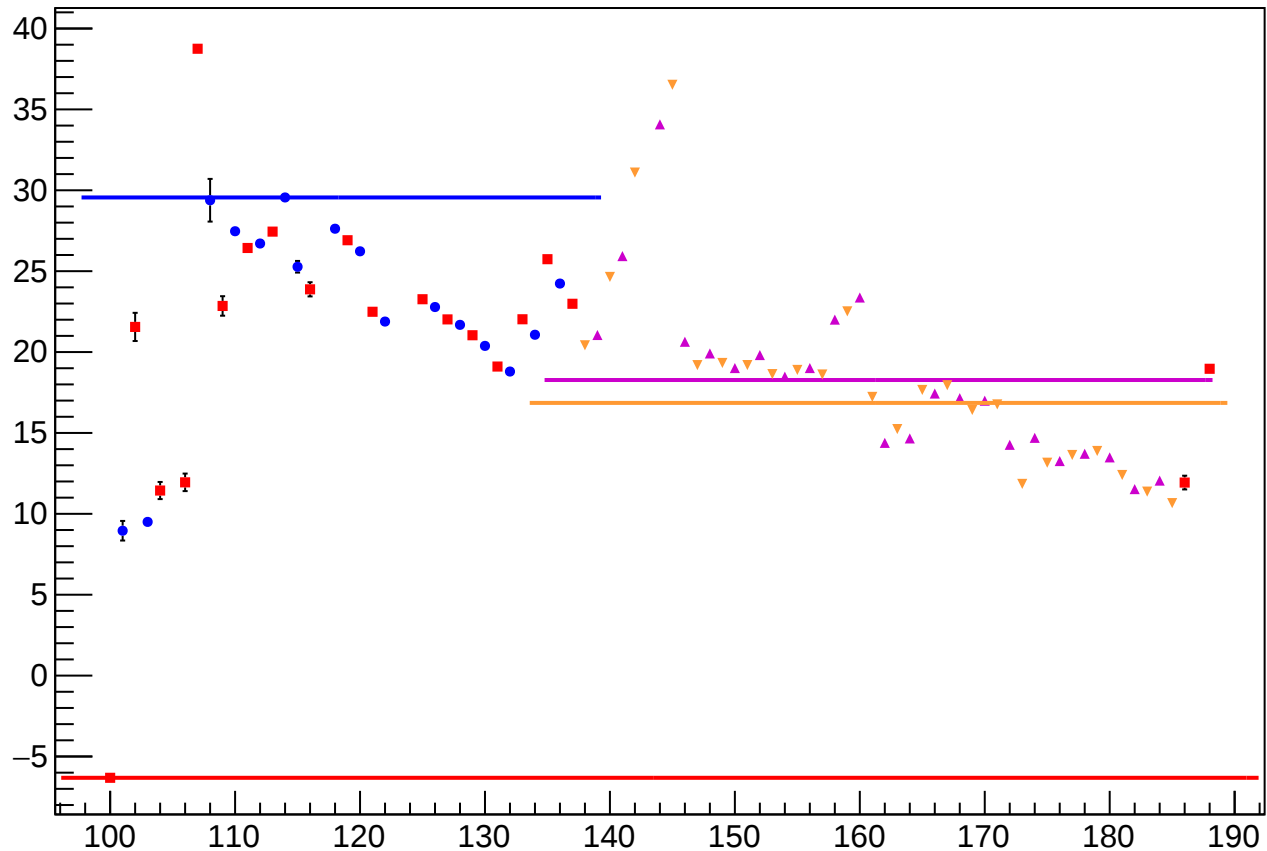
Left In: 3.809 ± 0.006 χ^2/NDF : 229467.1/22

+ 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 : 3658242.9/42

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: 1659559.7/19

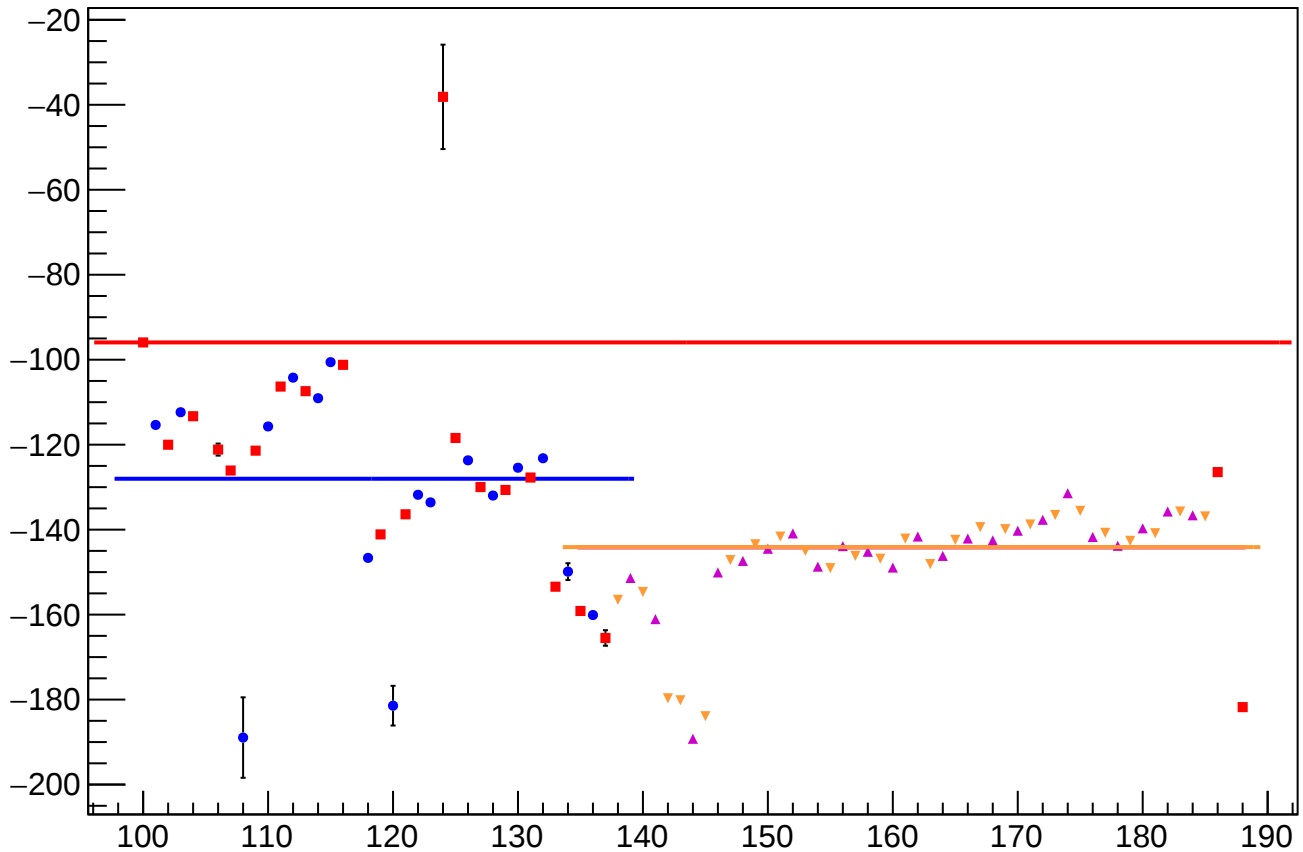
Left In: 18.272 $\pm$ 0.007 χ^2 /NDF:237719.2/22

+ 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: 13785636.7/42

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 : 242004.5/20

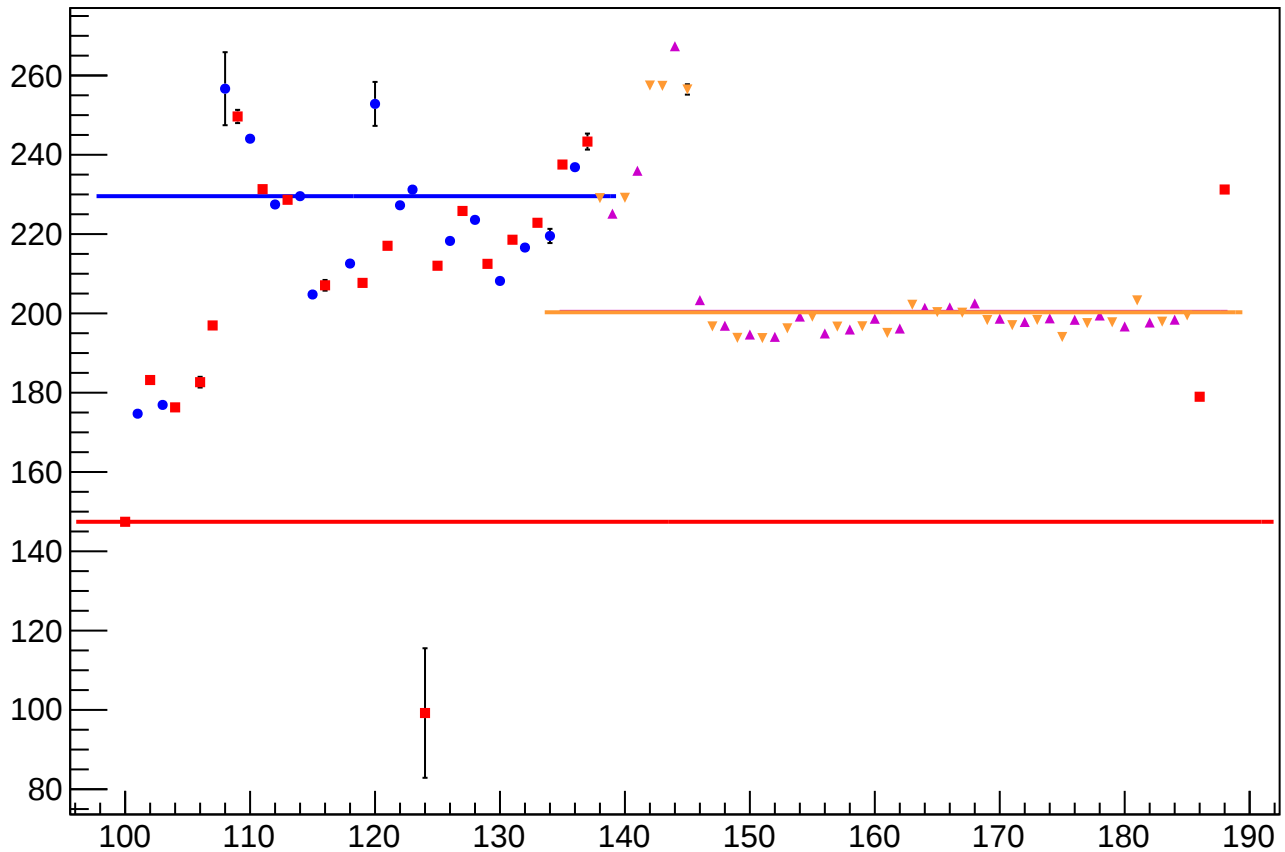
Left In: -144.184 ± 0.045 χ^2/NDF : 34723.9/22

+ sign -141.708 ± 0.038 χ^2/NDF : 104951.3/41

All: -95.934 ± 0.000 χ^2/NDF : 2982299.6/85

- sign -95.934 ± 0.000 χ^2/NDF : 1422856.9/43

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: 671672.9/20

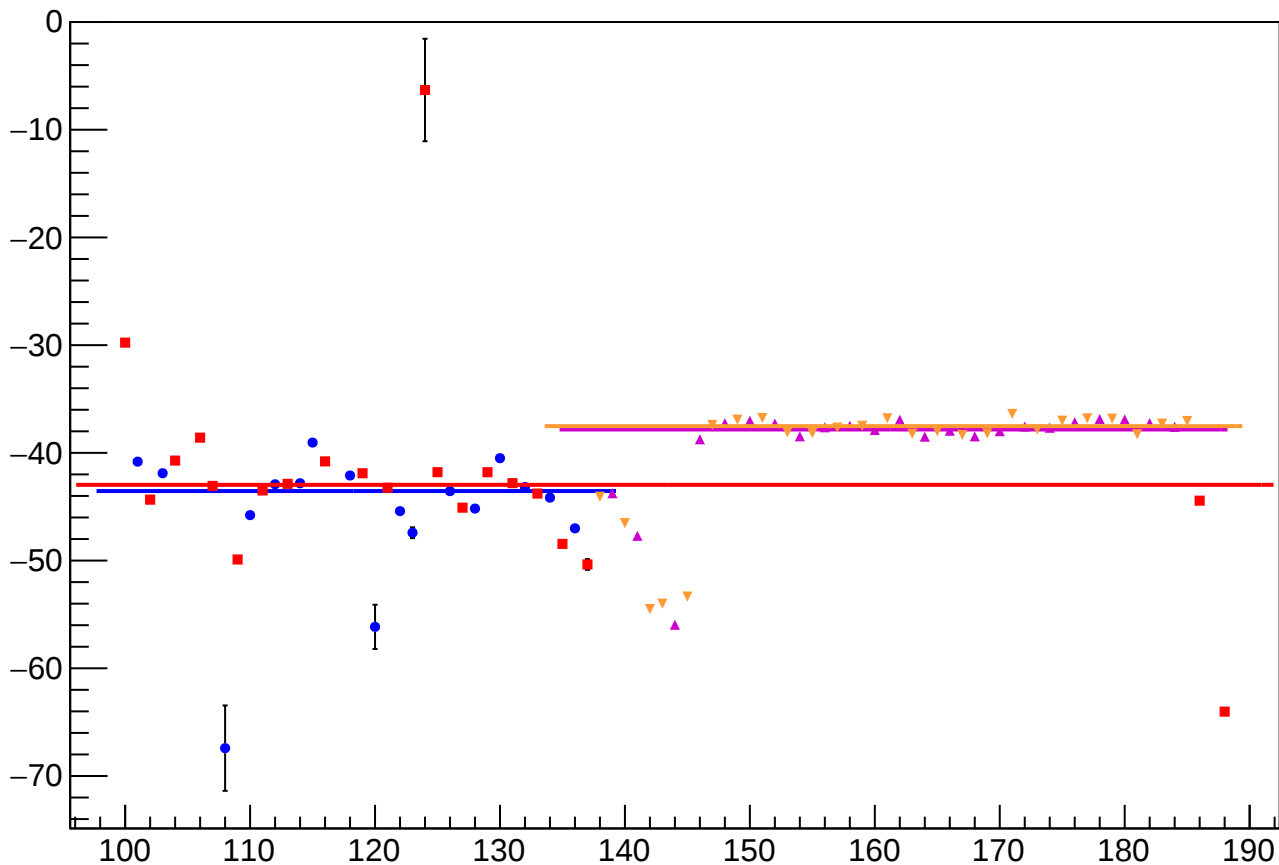
Left In: 200.386 $\pm$ 0.039 χ^2 /NDF:77918.6/22

+ 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: 2578743.2/43

dit_usr_11X12X_slope vs Slug



Right In: -43.546 ± 0.023 χ^2/NDF : 12997.3/16

Left Out: -37.519 ± 0.004 χ^2/NDF : 252804.2/24

Right Out: -42.969 ± 0.020 χ^2/NDF : 25901.2/20

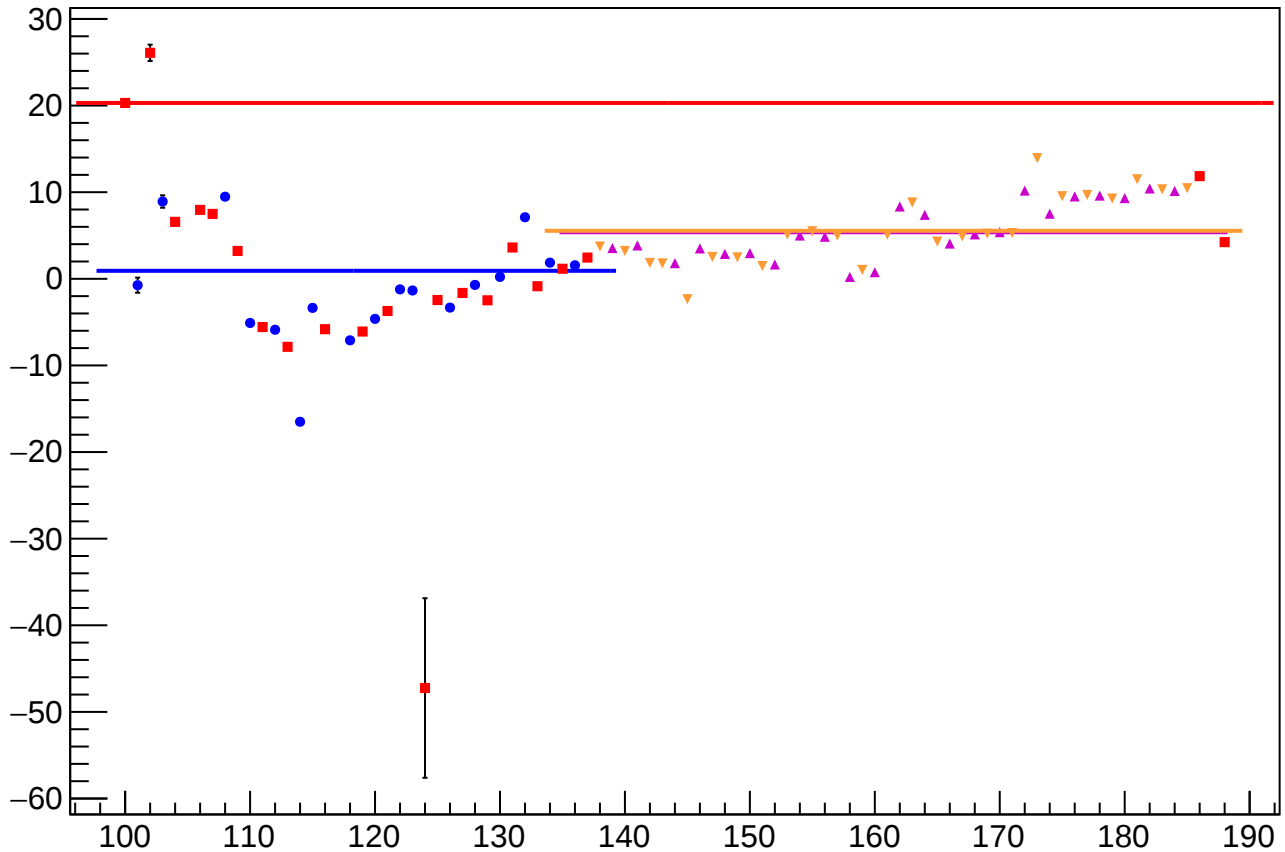
Left In: -37.832 ± 0.004 χ^2/NDF : 142924.4/22

+ sign -37.671 ± 0.004 χ^2/NDF : 332905.6/41

All: -37.837 ± 0.003 χ^2/NDF : 569196.2/85

- sign -38.044 ± 0.004 χ^2/NDF : 231651.2/43

dit_usr_4aY_slope vs Slug



Right In: 0.923 ± 0.020 χ^2/NDF : 21353.5/16

Left Out: 5.540 ± 0.006 χ^2/NDF : 301383.7/24

Right Out: 20.304 ± 0.000 χ^2/NDF : 923258.7/20

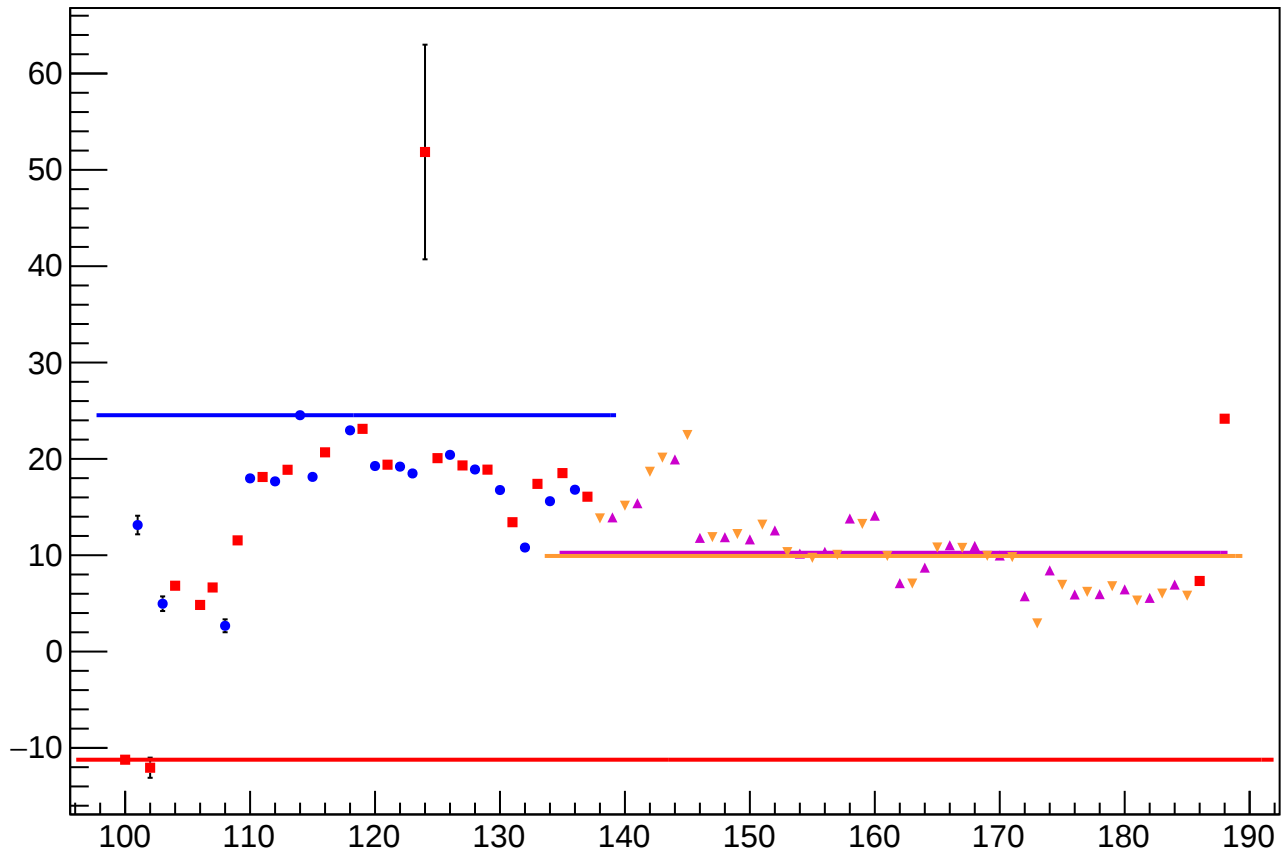
Left In: 5.375 ± 0.007 χ^2/NDF : 205713.7/22

+ sign 5.201 ± 0.005 χ^2/NDF : 371159.6/41

All: 20.304 ± 0.000 χ^2/NDF : 14210429.2/85

- sign 20.304 ± 0.000 χ^2/NDF : 6229505.4/43

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 : 2227853.1/20

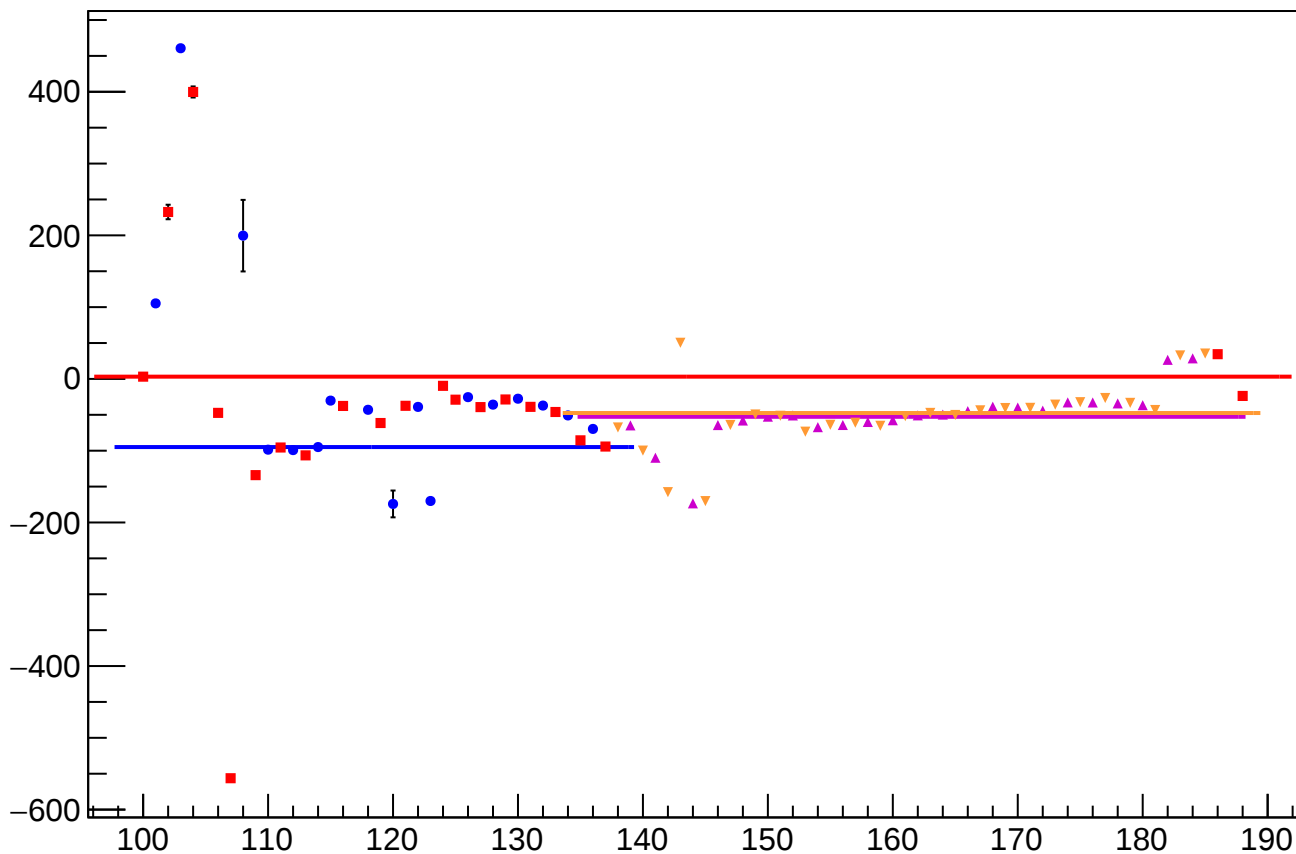
Left In: 10.254+/-0.008 χ^2/NDF : 137399.6/22

+ 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 : 9413656.5/43

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 : 61212975.8/20

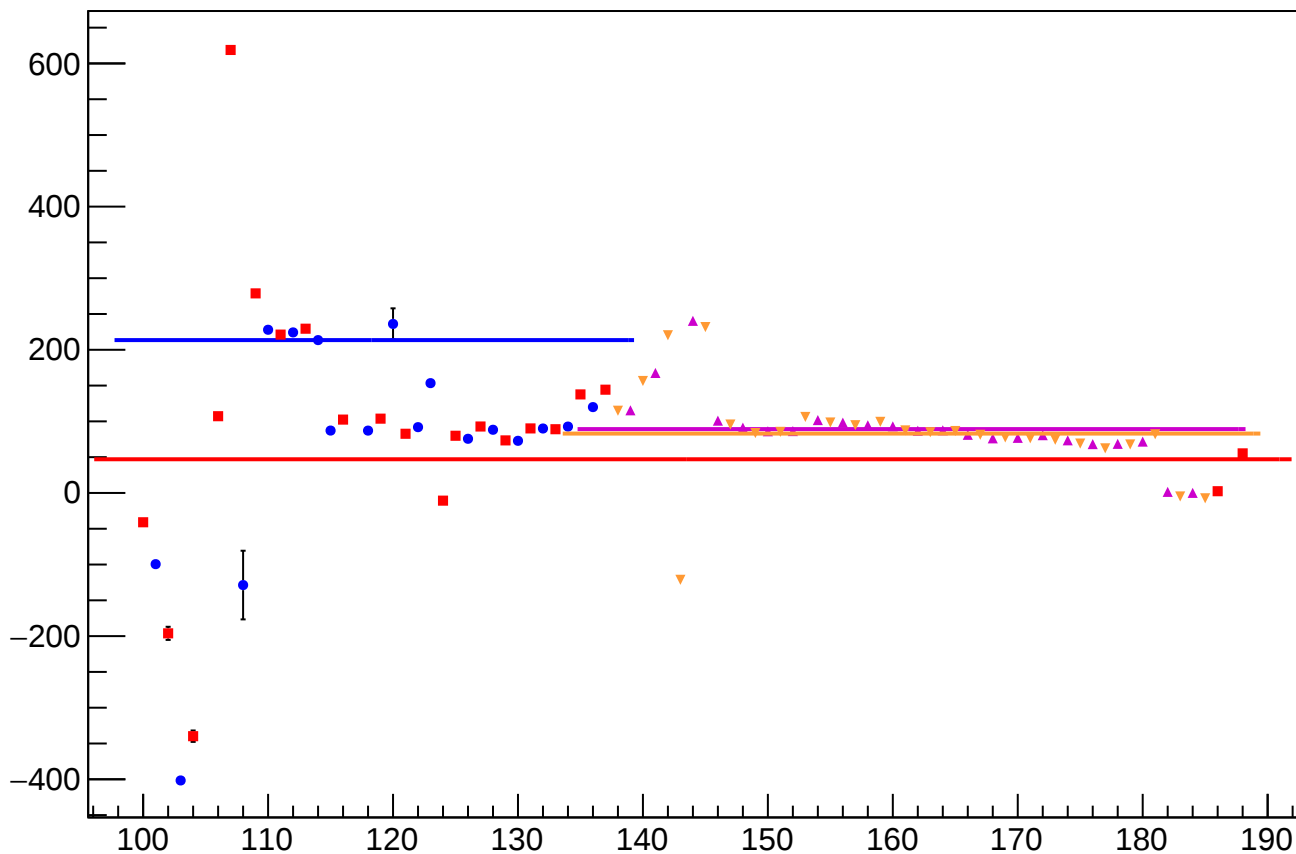
Left In: -52.769 ± 0.103 χ^2/NDF : 70359.7/22

+ 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 : 61577599.5/43

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: 47.057+/-0.123 χ^2/NDF : 328773.6/20

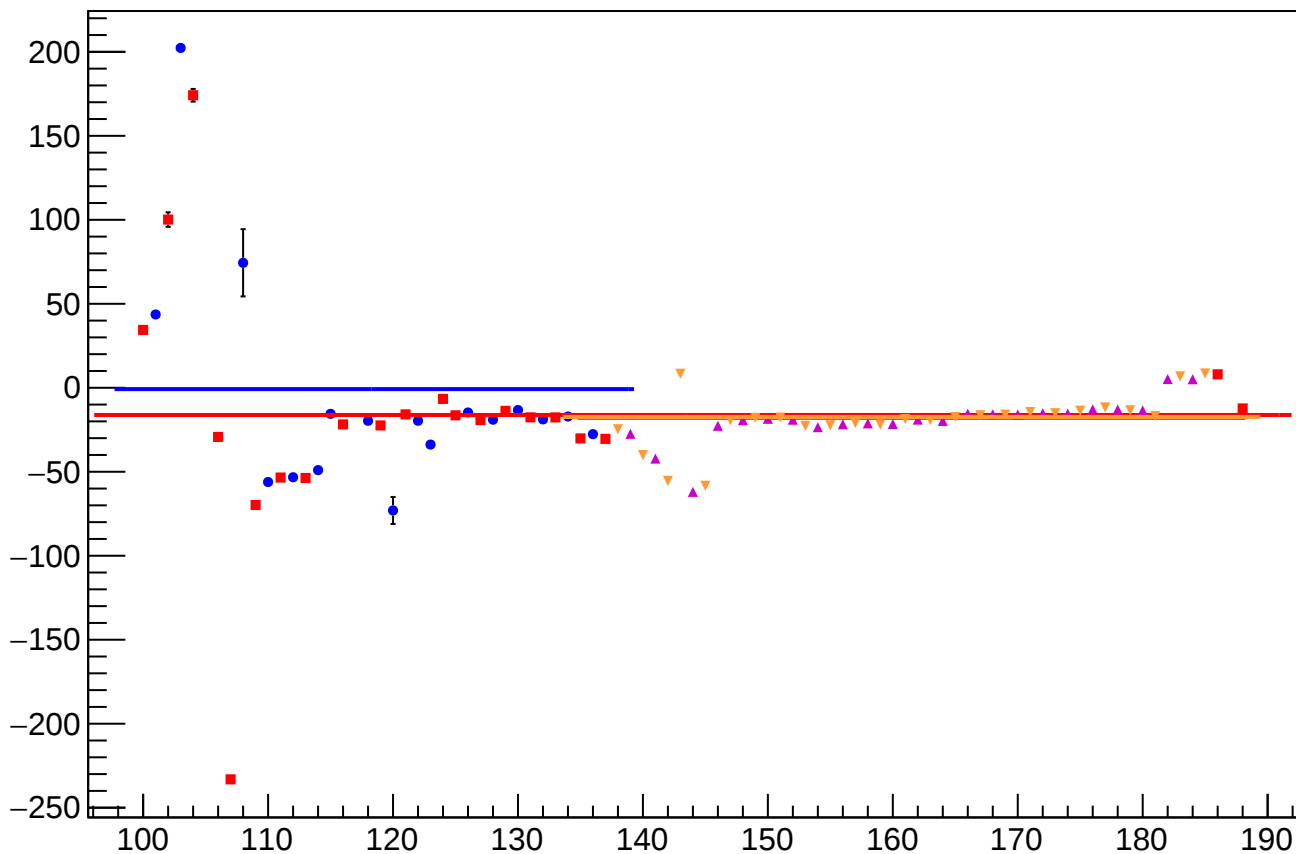
Left In: 89.202+/-0.090 χ^2/NDF : 95378.9/22

+ sign 213.523+/-0.000 χ^2/NDF : 5749780.0/41

All: 213.523+/-0.000 χ^2/NDF : 9909729.0/85

- sign 74.579+/-0.073 χ^2/NDF : 500440.4/43

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: -16.196 ± 0.037 χ^2/NDF : 323996.7/20

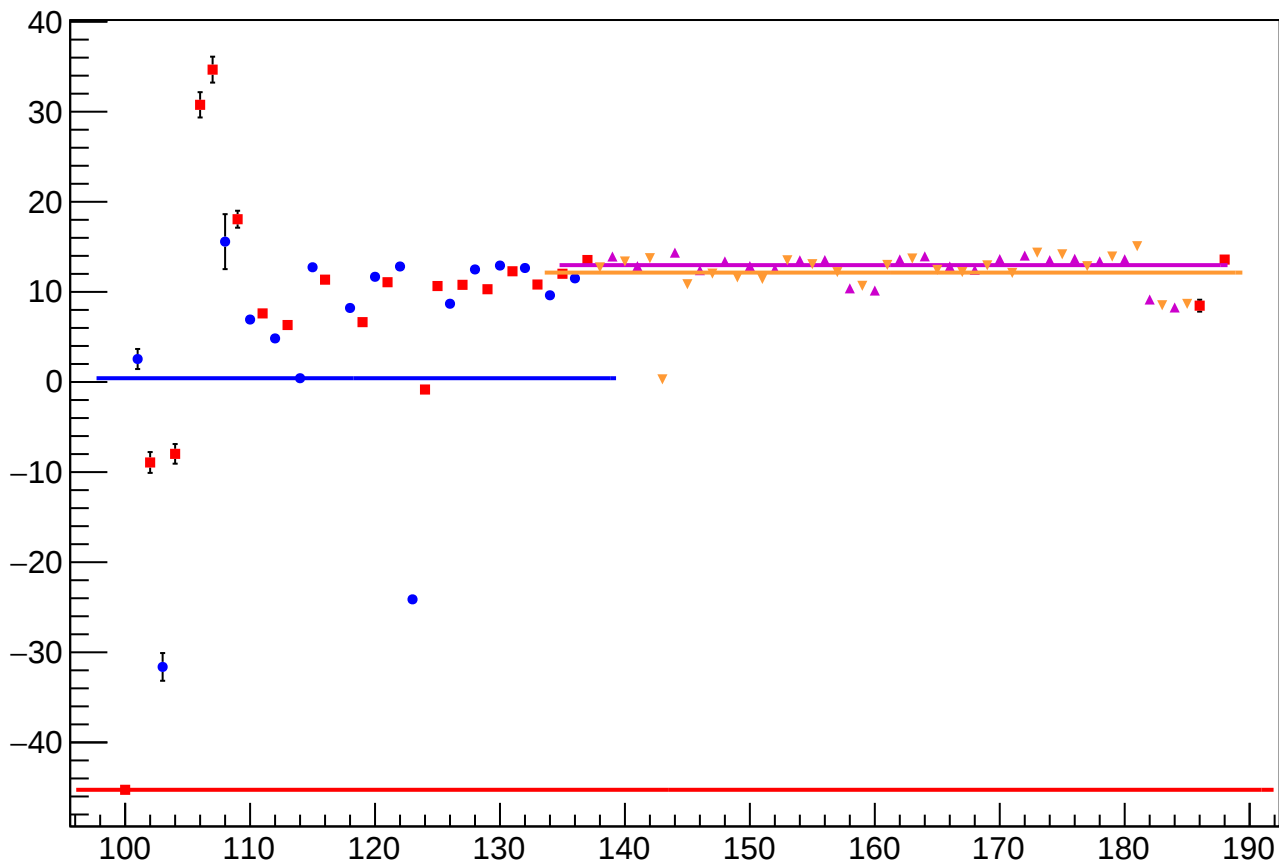
Left In: -17.854 ± 0.012 χ^2/NDF : 251583.5/22

+ sign -15.830 ± 0.010 χ^2/NDF : 3781751.6/41

All: -16.583 ± 0.007 χ^2/NDF : 4374612.6/85

- sign -17.690 ± 0.012 χ^2/NDF : 577422.6/43

dit_atl1_4aY_slope vs Slug



Right In: 0.420 $\pm$ 0.000 χ^2 /NDF: 84744.6/16

Left Out: 12.143 $\pm$ 0.014 χ^2 /NDF:35326.3/24

Right Out: -45.259 $\pm$ 0.000 χ^2 /NDF: 1320997.8/20

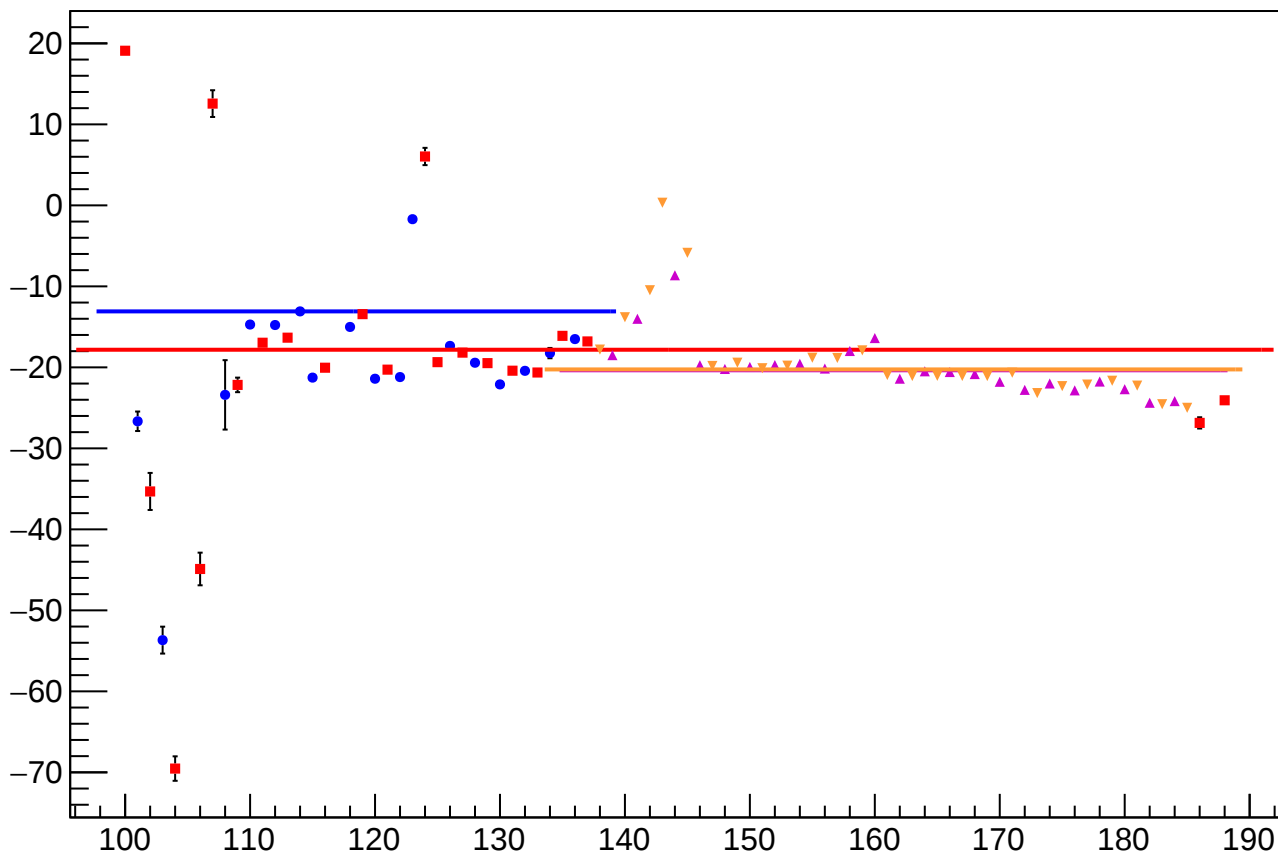
Left In: 12.971 $\pm$ 0.011 χ^2 /NDF:9592.9/22

+ sign 0.420 $\pm$ 0.000 χ^2 /NDF: 859049.7/41

All: 0.419 $\pm$ 0.000 χ^2 /NDF: 24797052003265

- sign -45.259 $\pm$ 0.000 χ^2 /NDF: 28119189.2/43

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: -17.825 ± 0.047 χ^2/NDF : 15018.5/20

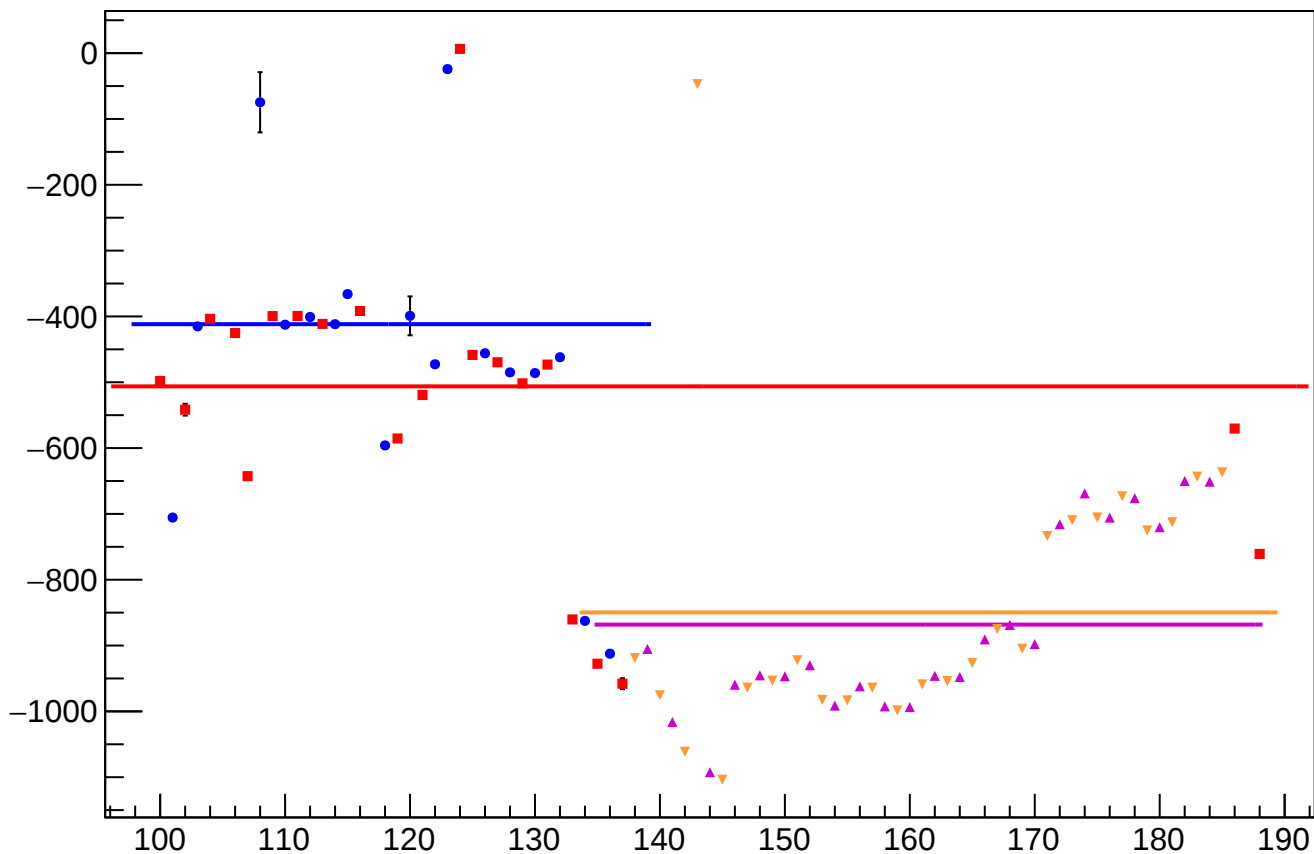
Left In: -20.362 ± 0.015 χ^2/NDF : 19964.2/22

+ sign -13.090 ± 0.000 χ^2/NDF : 343858.7/41

All: -13.090 ± 0.000 χ^2/NDF : 619749.3/85

- sign -20.128 ± 0.014 χ^2/NDF : 37573.6/43

dit_atl2_4aX_slope vs Slug



Right In: -411.771 $\pm$ 0.000 χ^2 /NDF: 984974.9/16

Left Out: -849.714 $\pm$ 0.142 χ^2 /NDF:1033131.9/24

Right Out: -506.245 $\pm$ 0.155 χ^2 /NDF: 831807.0/20

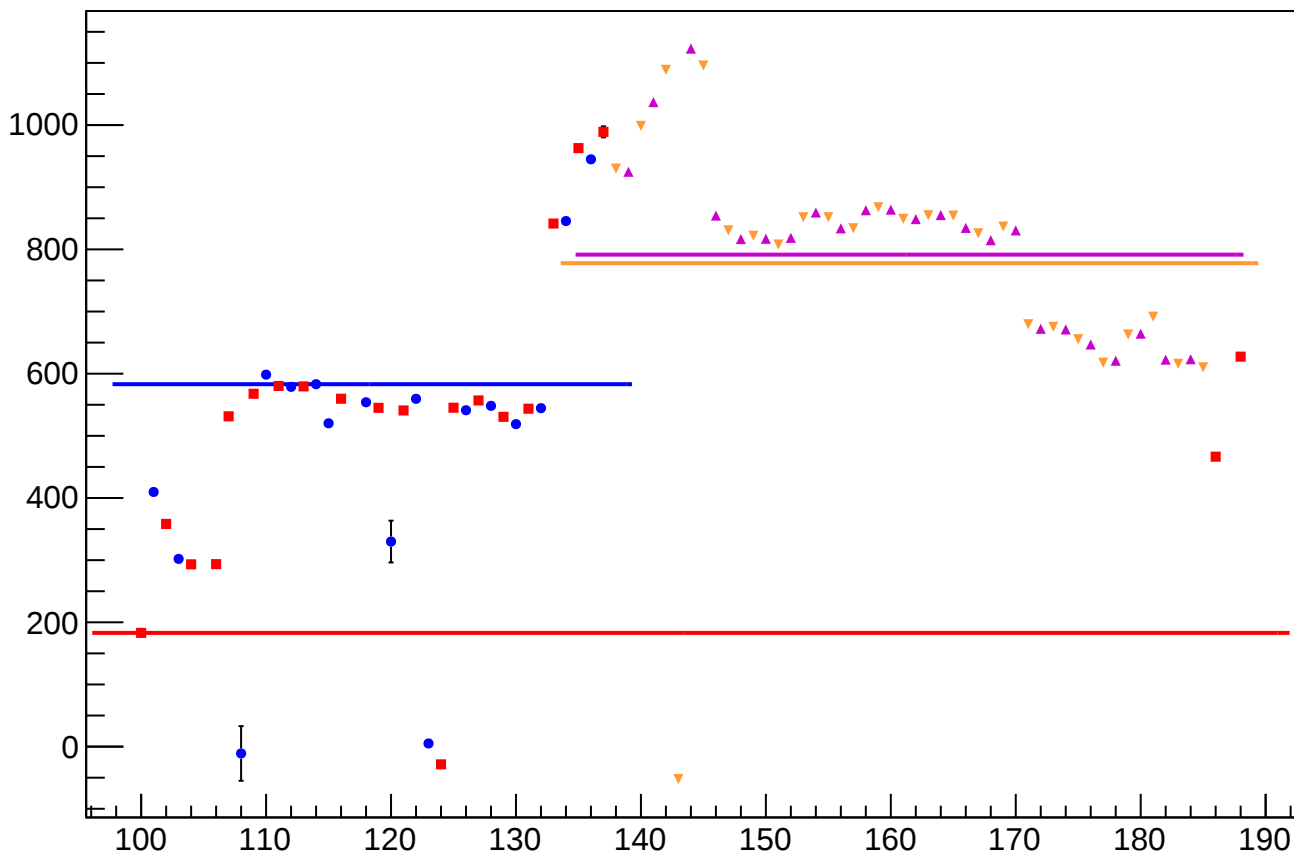
Left In: -868.181 $\pm$ 0.145 χ^2 /NDF:820548.1/22

+ sign -411.771 $\pm$ 0.000 χ^2 /NDF: 11467517.7/41

All: -411.771 $\pm$ 0.000 χ^2 /NDF: 23349026.9/8

- sign -699.070 $\pm$ 0.106 χ^2 /NDF: 4549098.9/43

dit_atl2_4eX_slope vs Slug



Right In: 583.096 $\pm$ 0.000 χ^2 /NDF: 1695243.6/16

Left Out: 777.823 $\pm$ 0.119 χ^2 /NDF:931413.4/24

Right Out: 182.993 $\pm$ 0.000 χ^2 /NDF: 4178805.7/20

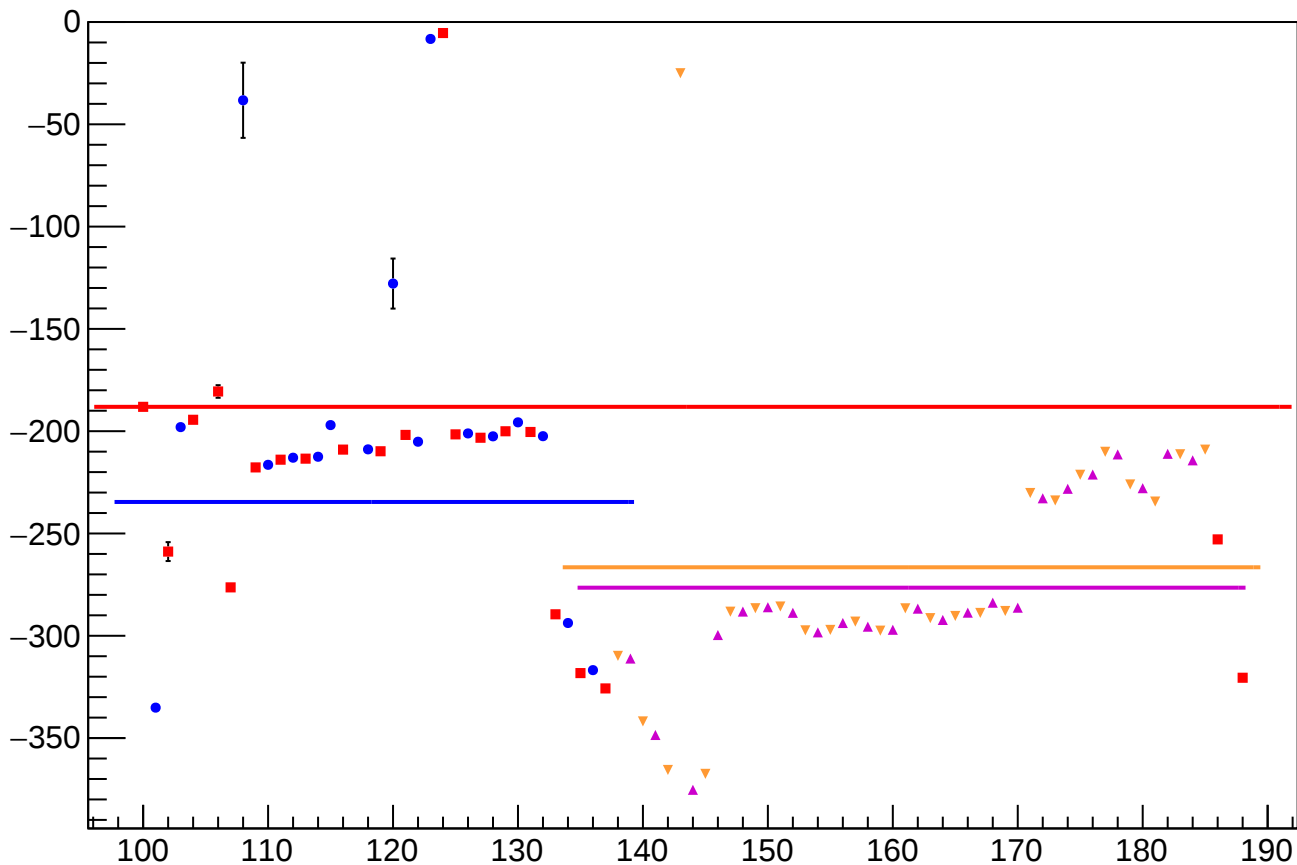
Left In: 791.519 $\pm$ 0.122 χ^2 /NDF:690326.2/22

+ sign 583.096 $\pm$ 0.000 χ^2 /NDF: 5324050.7/41

All: 224.125 $\pm$ 0.000 χ^2 /NDF: 122237113759

- sign 182.993 $\pm$ 0.000 χ^2 /NDF: 29879889.6/43

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 $\chi^2/\text{NDF}: 1002057.3/20$

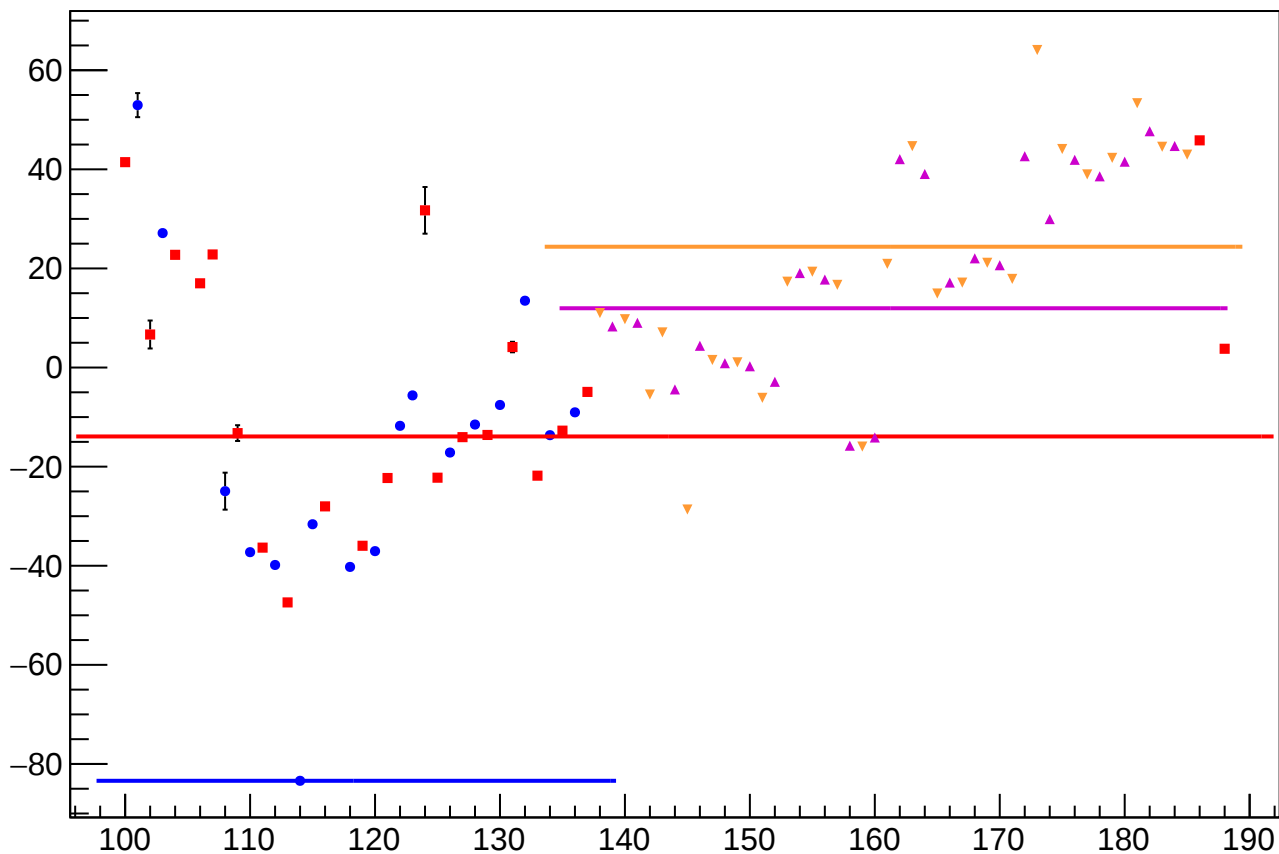
Left In: -276.494 ± 0.022 $\chi^2/\text{NDF}: 2437121.4/22$

+ sign -262.618 ± 0.020 $\chi^2/\text{NDF}: 8357113.6/41$

All: -188.094 ± 0.000 $\chi^2/\text{NDF}: 42138300.1/8$

- sign -188.094 ± 0.000 $\chi^2/\text{NDF}: 19551818.4/43$

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: -13.908 ± 0.091 χ^2/NDF : 52241.6/20

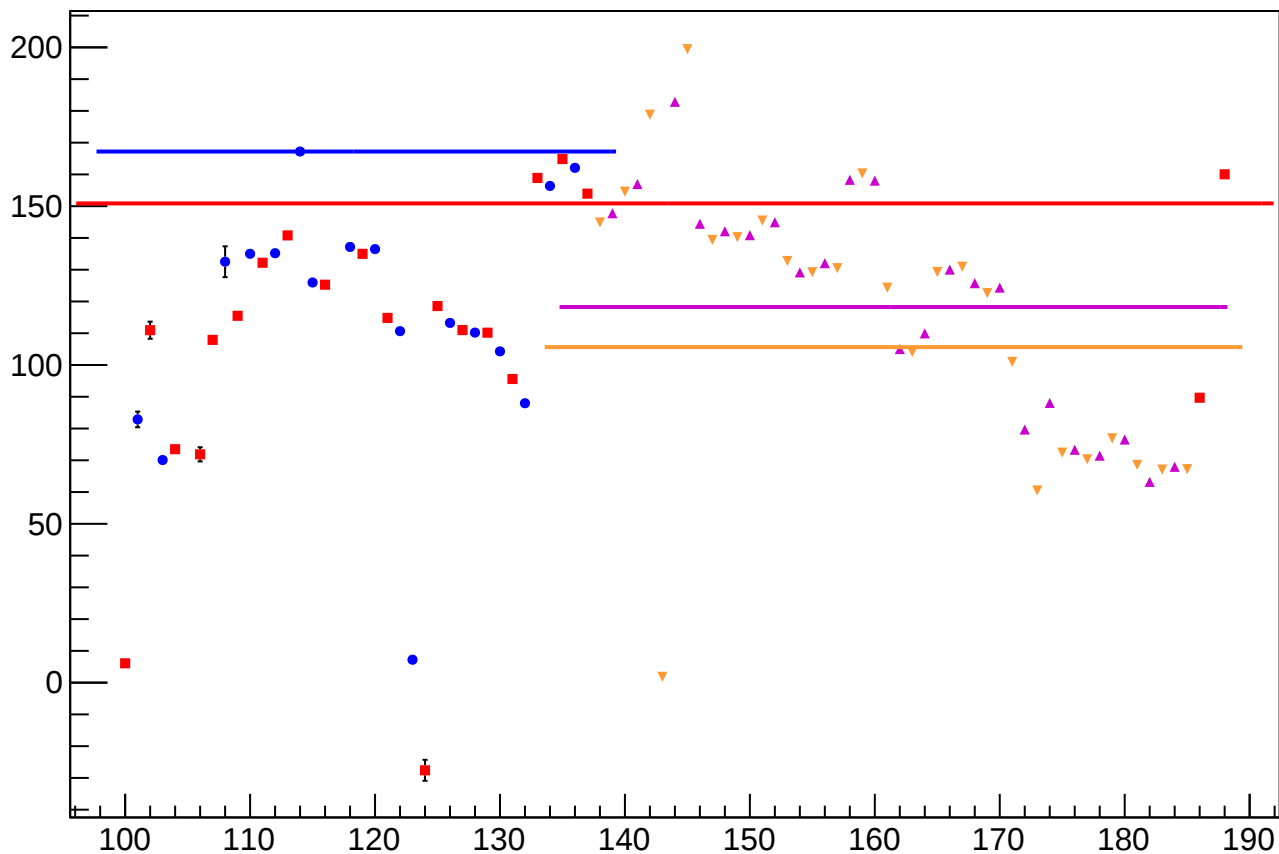
Left In: 11.963 ± 0.018 χ^2/NDF : 1338781.7/22

+ sign -83.399 ± 0.000 χ^2/NDF : 33581573.9/41

All: -83.399 ± 0.000 χ^2/NDF : 63476905.5/85

- sign 10.983 ± 0.018 χ^2/NDF : 1468858.2/43

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: 150.873 $\pm$ 0.030 χ^2 /NDF: 260468.0/20

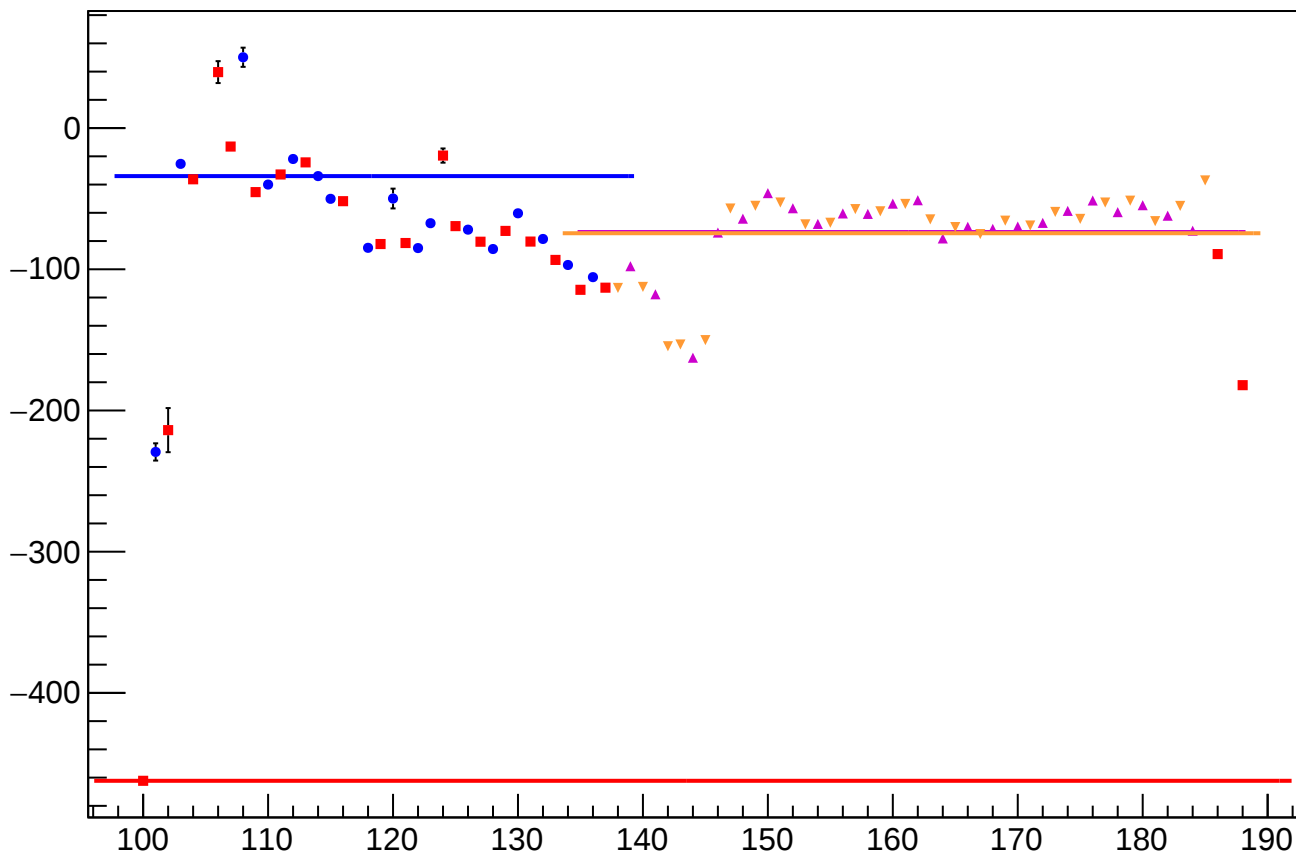
Left In: 118.249 $\pm$ 0.024 χ^2 /NDF:1825537.3/22

+ sign 167.207 $\pm$ 0.000 χ^2 /NDF: 9129251.8/41

All: 167.207 $\pm$ 0.000 χ^2 /NDF: 15808800.1/85

- sign 130.802 $\pm$ 0.019 χ^2 /NDF: 2819759.7/43

dit_atr1_4aX_slope vs Slug



Right In: -34.002 ± 0.000 $\chi^2/\text{NDF}: 103608.4/16$

Left Out: -74.468 ± 0.109 $\chi^2/\text{NDF}: 71329.2/24$

Right Out: -462.254 ± 0.000 $\chi^2/\text{NDF}: 5241653.4/20$

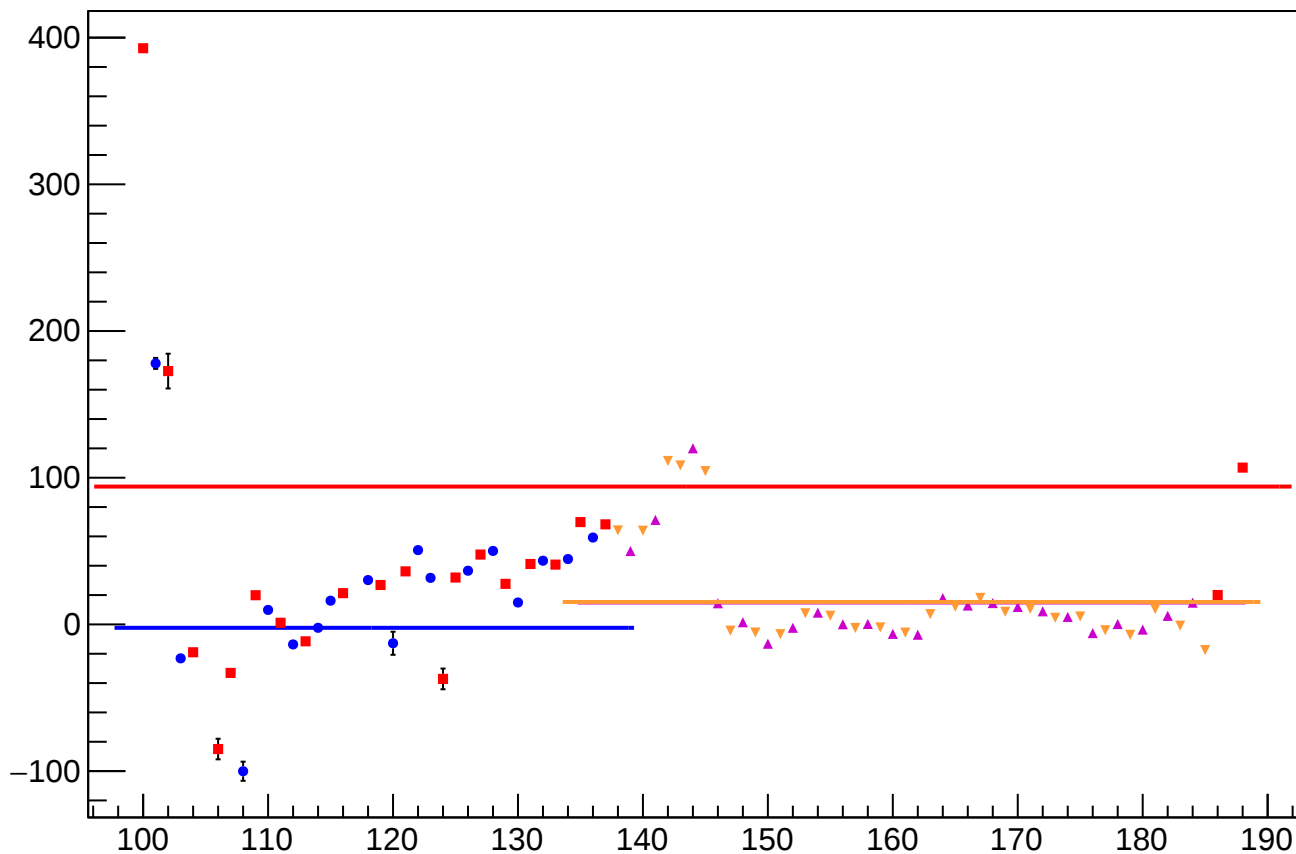
Left In: -73.591 ± 0.110 $\chi^2/\text{NDF}: 68577.9/22$

+ sign -34.002 ± 0.000 $\chi^2/\text{NDF}: 313701.5/41$

All: -34.912 ± 0.000 $\chi^2/\text{NDF}: 849582565143$

- sign -462.254 ± 0.000 $\chi^2/\text{NDF}: 17708476.7/43$

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: 93.973 ± 0.164 χ^2/NDF : 807588.5/20

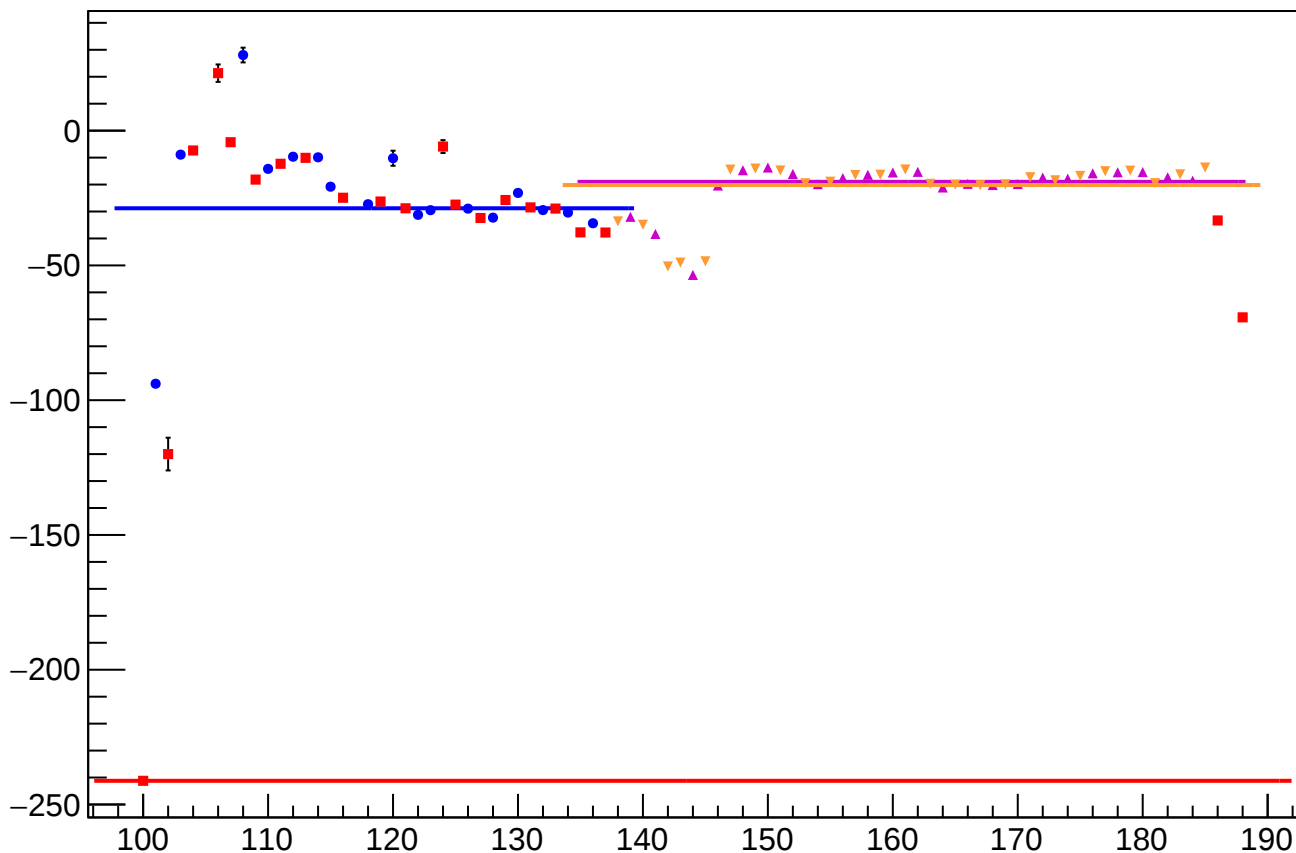
Left In: 14.934 ± 0.098 χ^2/NDF : 96635.9/22

+ sign -2.317 ± 0.000 χ^2/NDF : 214165.5/41

All: -2.317 ± 0.000 χ^2/NDF : 1492150.0/85

- sign 35.652 ± 0.084 χ^2/NDF : 1074648.4/43

dit_atr1_11X12X_slope vs Slug



Right In: -28.799 ± 0.035 $\chi^2/\text{NDF}: 49372.5/16$

Left Out: -20.179 ± 0.012 $\chi^2/\text{NDF}: 393146.9/24$

+ sign -21.079 ± 0.011 $\chi^2/\text{NDF}: 495731.1/41$

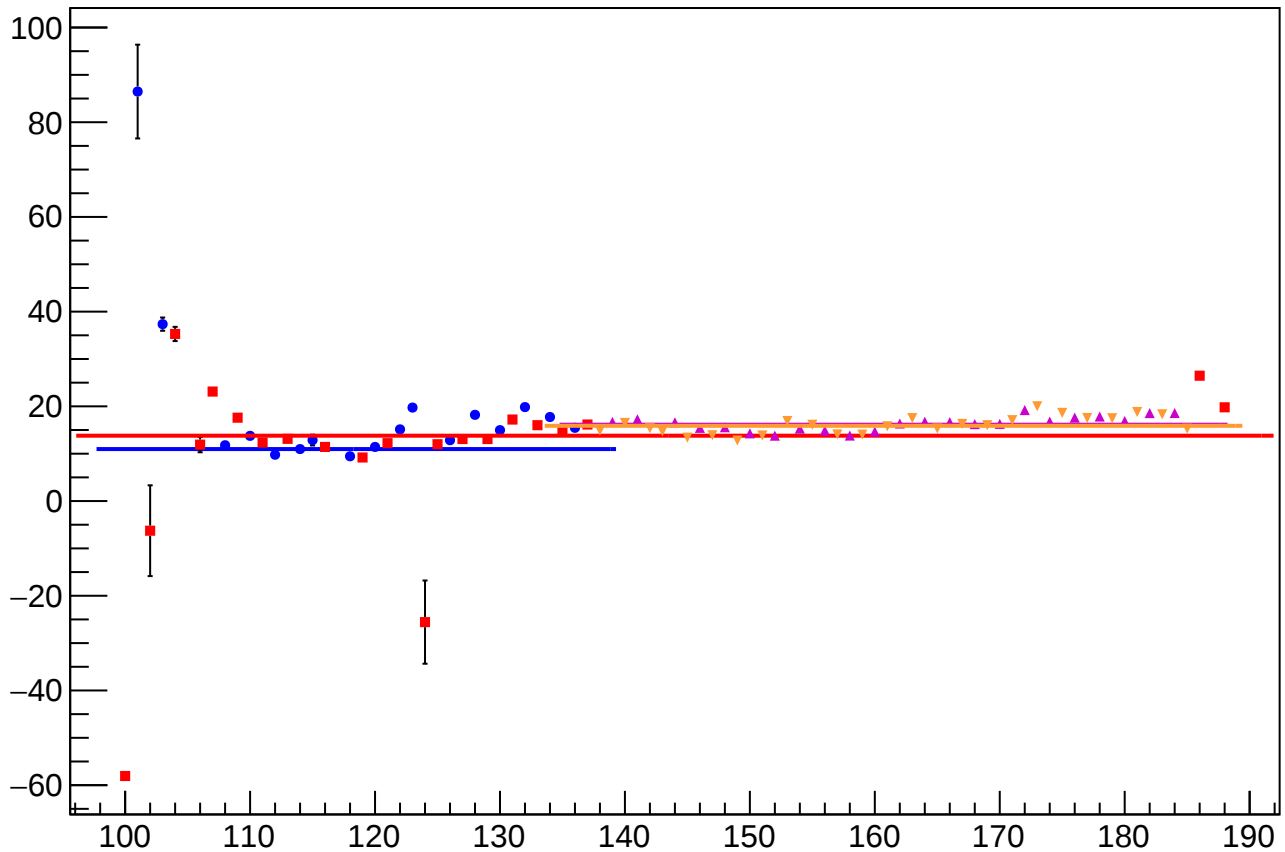
Right Out: -241.209 ± 0.000 $\chi^2/\text{NDF}: 33307480.9/20$

All: -241.209 ± 0.000 $\chi^2/\text{NDF}: 658380260.3/100$

- sign -241.209 ± 0.000 $\chi^2/\text{NDF}: 286947968.9/43$

Left In: -18.993 ± 0.014 $\chi^2/\text{NDF}: 207001.6/22$

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: 13.801 ± 0.044 χ^2/NDF : 38768.3/20

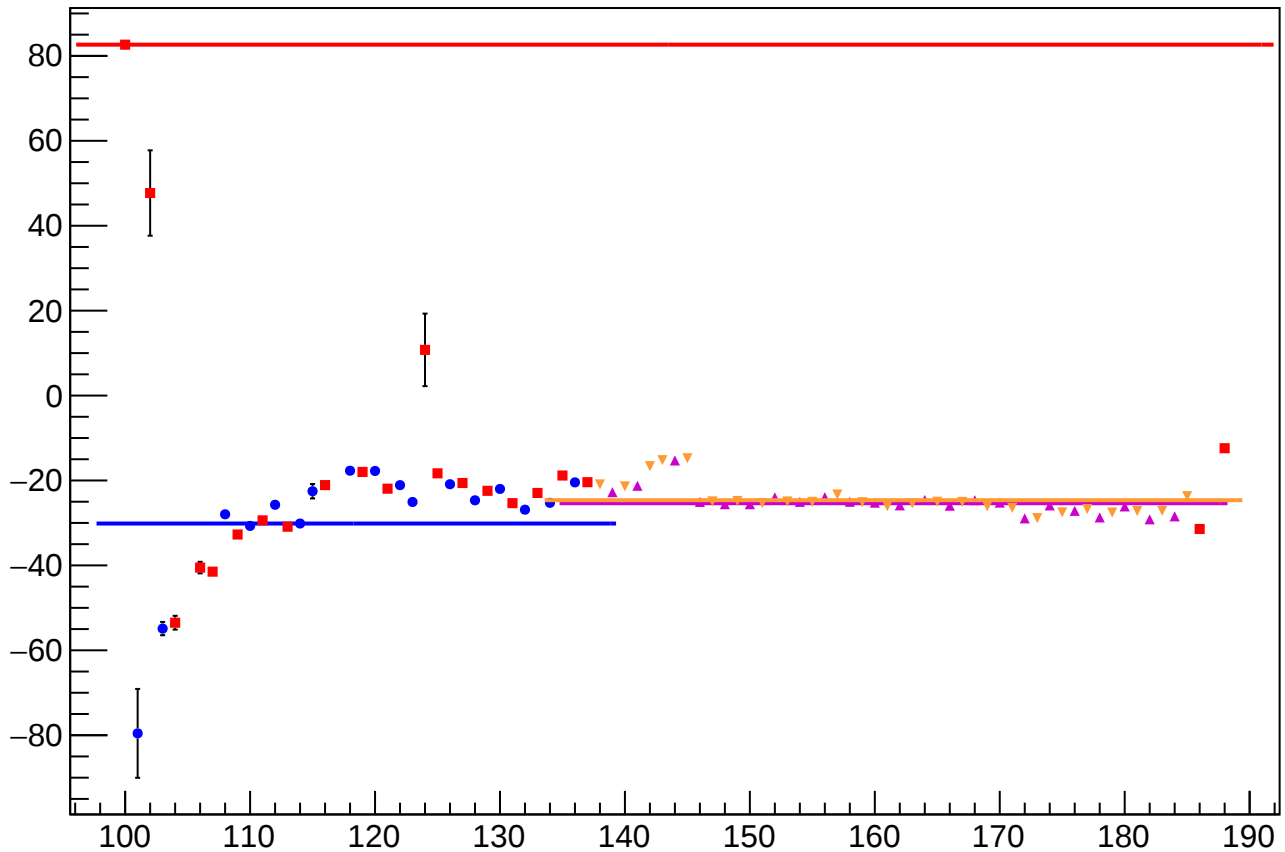
Left In: 16.127 ± 0.013 χ^2/NDF : 12045.9/22

+ sign 10.978 ± 0.000 χ^2/NDF : 168343.2/41

All: 10.978 ± 0.000 χ^2/NDF : 388918.6/85

- sign 15.947 ± 0.012 χ^2/NDF : 53427.3/43

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 : 4191824.2/20

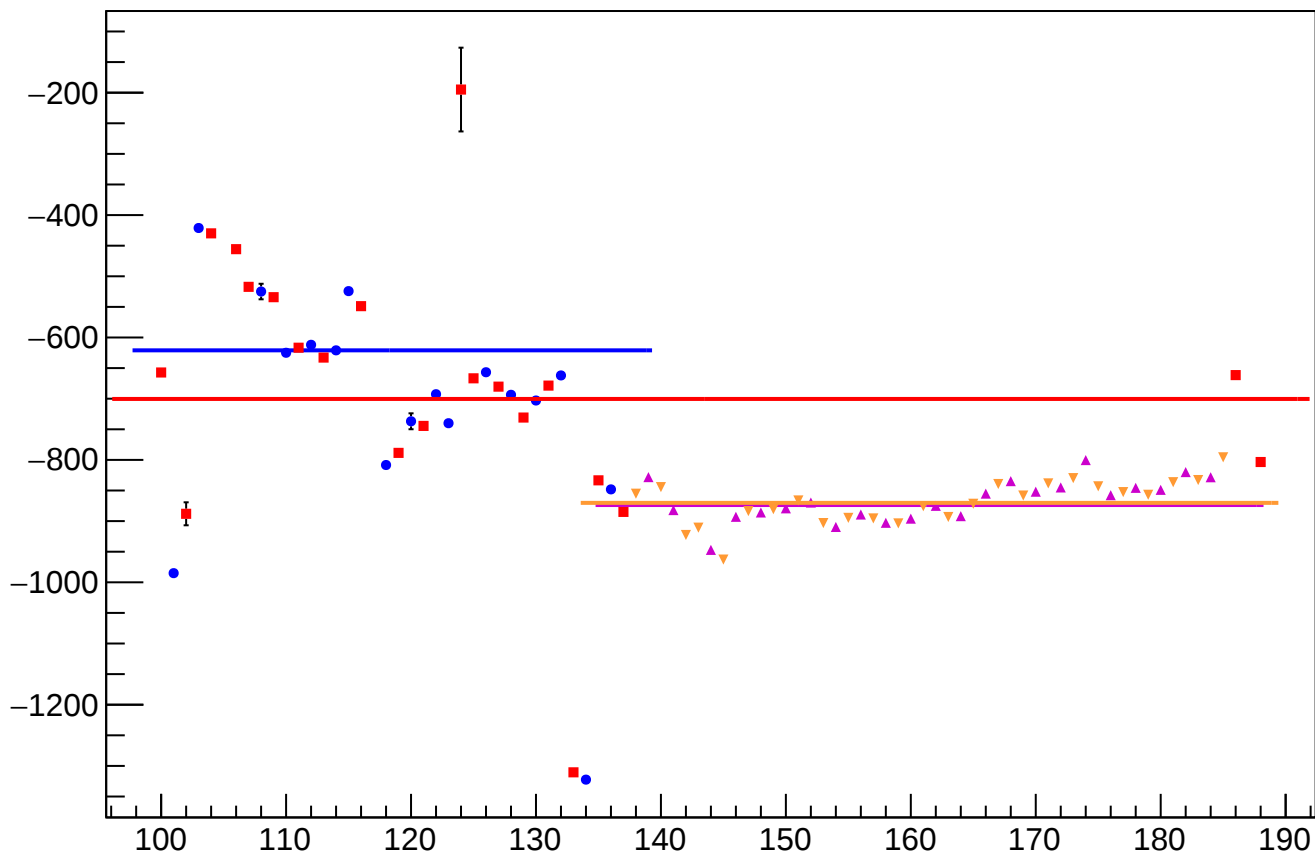
Left In: -25.356 ± 0.016 χ^2/NDF : 16913.2/22

+ 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 : 50621315.8/43

dit_atr2_4aX_slope vs Slug



Right In: -620.994 ± 0.000 χ^2/NDF : 309597.8/16

Left Out: -870.193 ± 0.127 χ^2/NDF : 53169.6/24

Right Out: -700.402 ± 0.171 χ^2/NDF : 532019.6/20

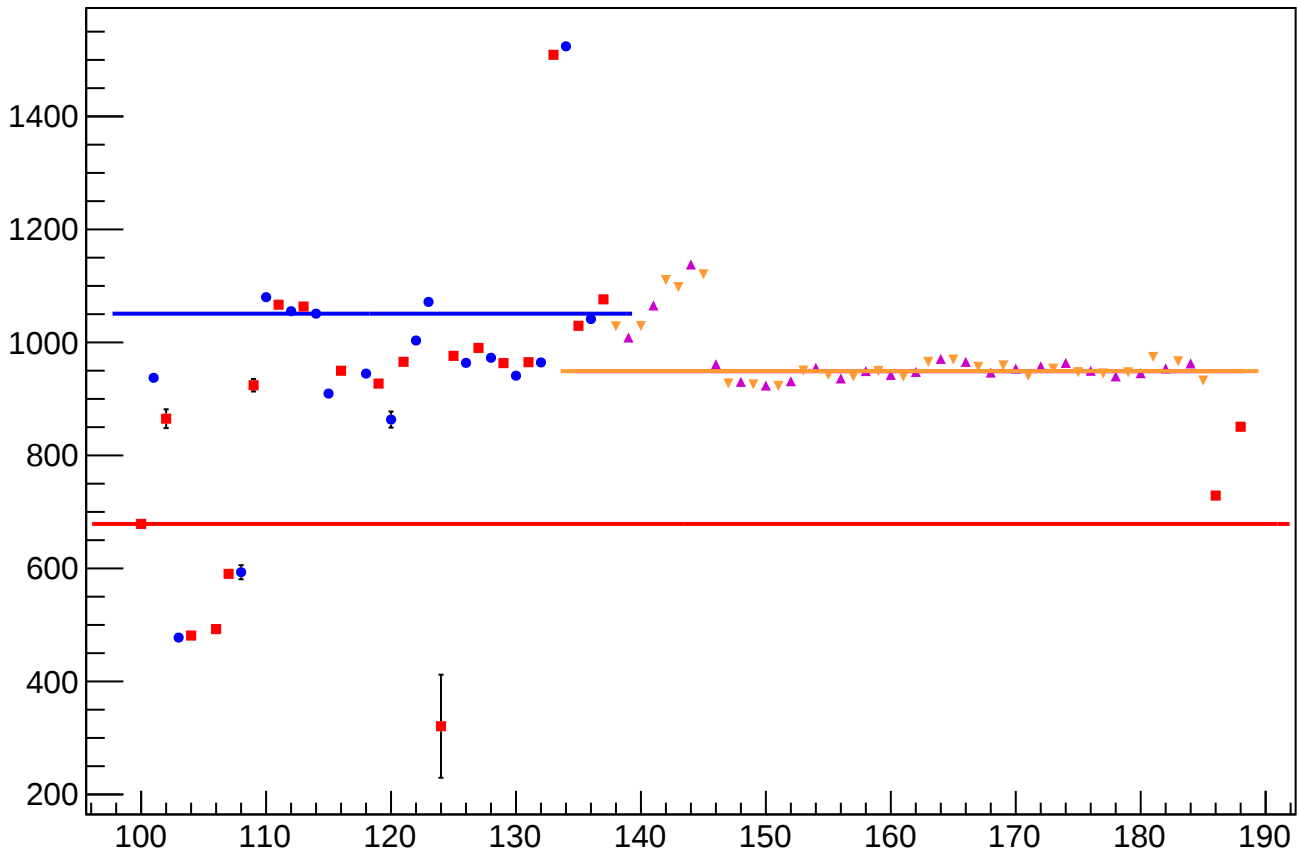
Left In: -873.739 ± 0.123 χ^2/NDF : 58452.7/22

+ sign -620.994 ± 0.000 χ^2/NDF : 4193976.1/41

All: -620.994 ± 0.000 χ^2/NDF : 9202036.3/85

- sign -814.533 ± 0.100 χ^2/NDF : 1265610.4/43

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: 1741226.8/20

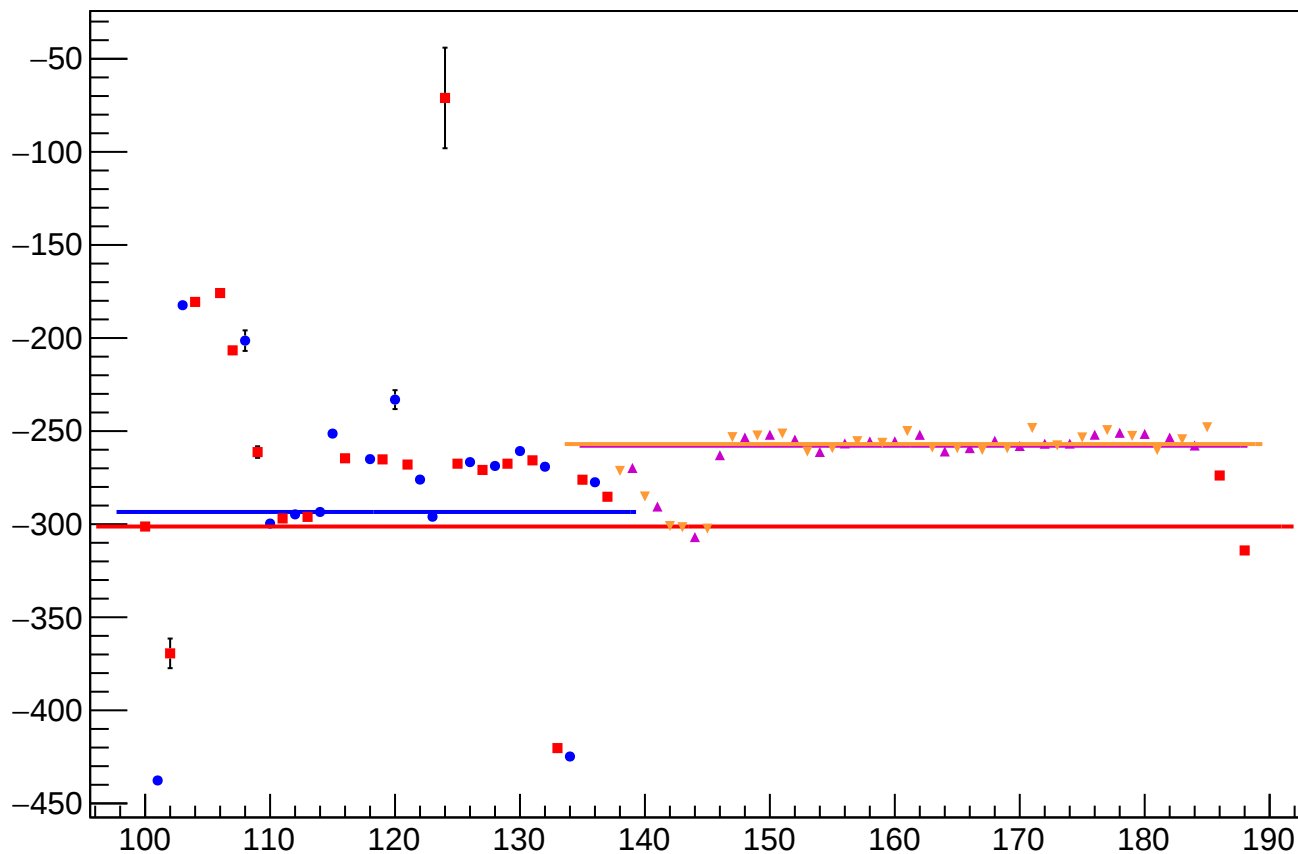
Left In: 949.032 $\pm$ 0.102 χ^2 /NDF: 76875.5/22

+ 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: 8786314.9/43

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 : 733015.0/20

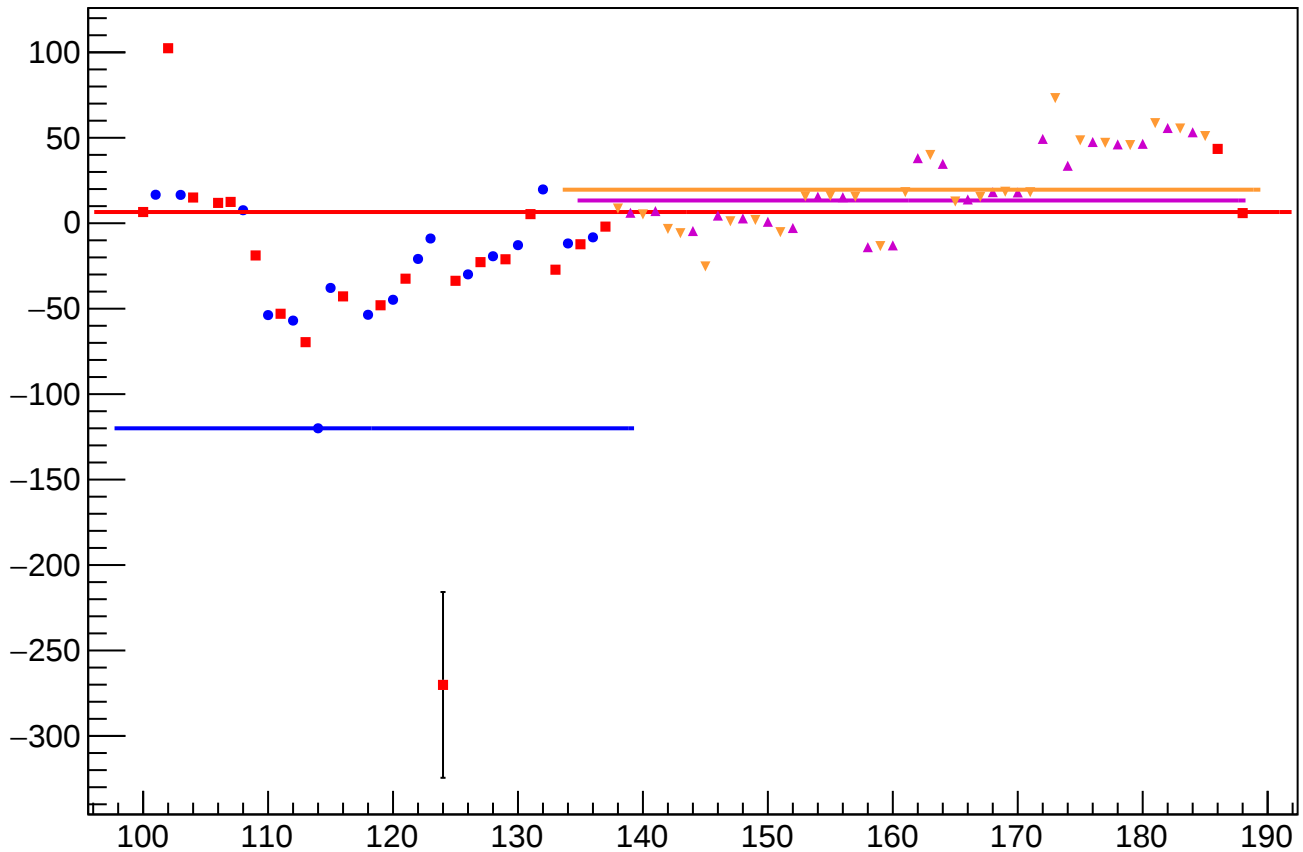
Left In: -257.860+/-0.019 χ^2/NDF :208410.5/22

+ 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 : 6394512.0/43

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 : 120557.6/20

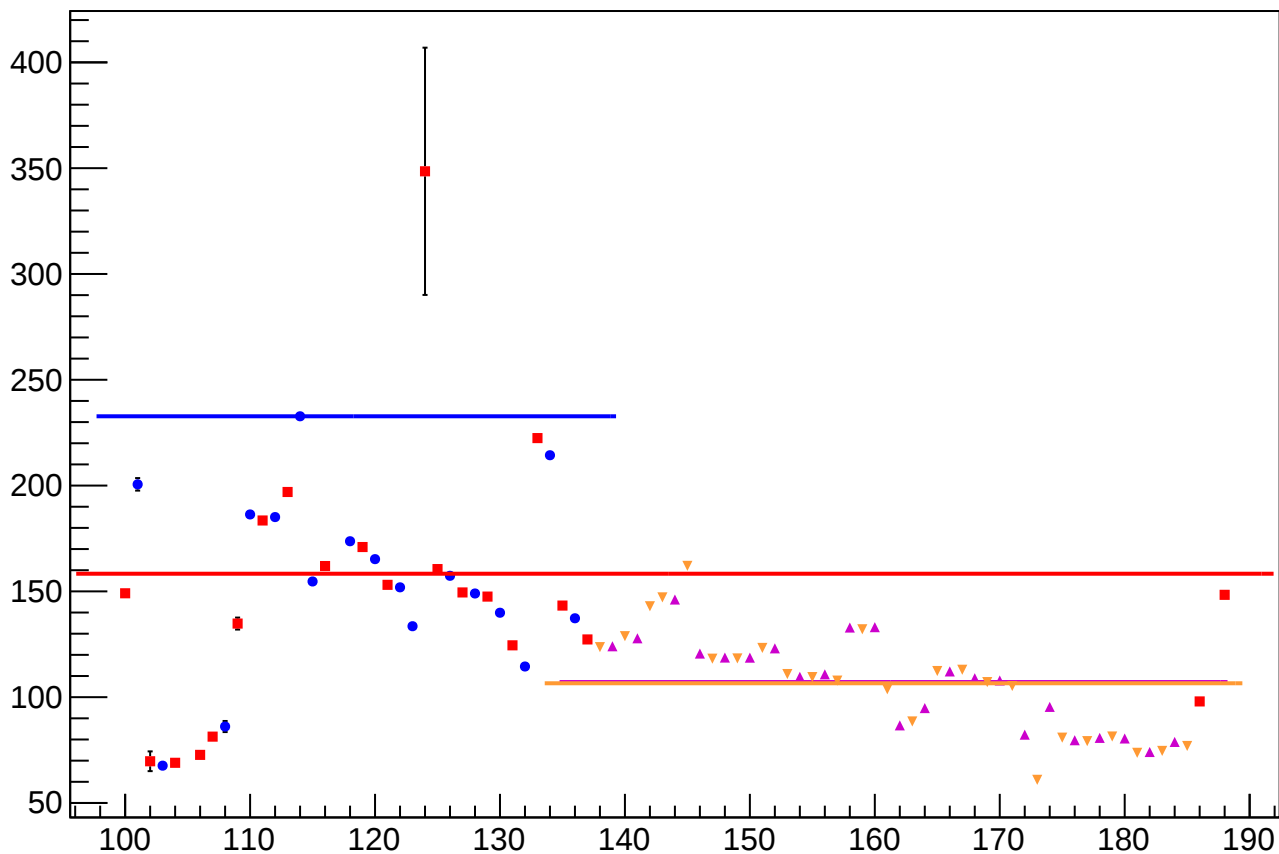
Left In: 13.314 ± 0.019 χ^2/NDF : 1023799.5/22

+ 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 : 1273986.3/43

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: 158.341 $\pm$ 0.084 χ^2 /NDF: 183291.8/20

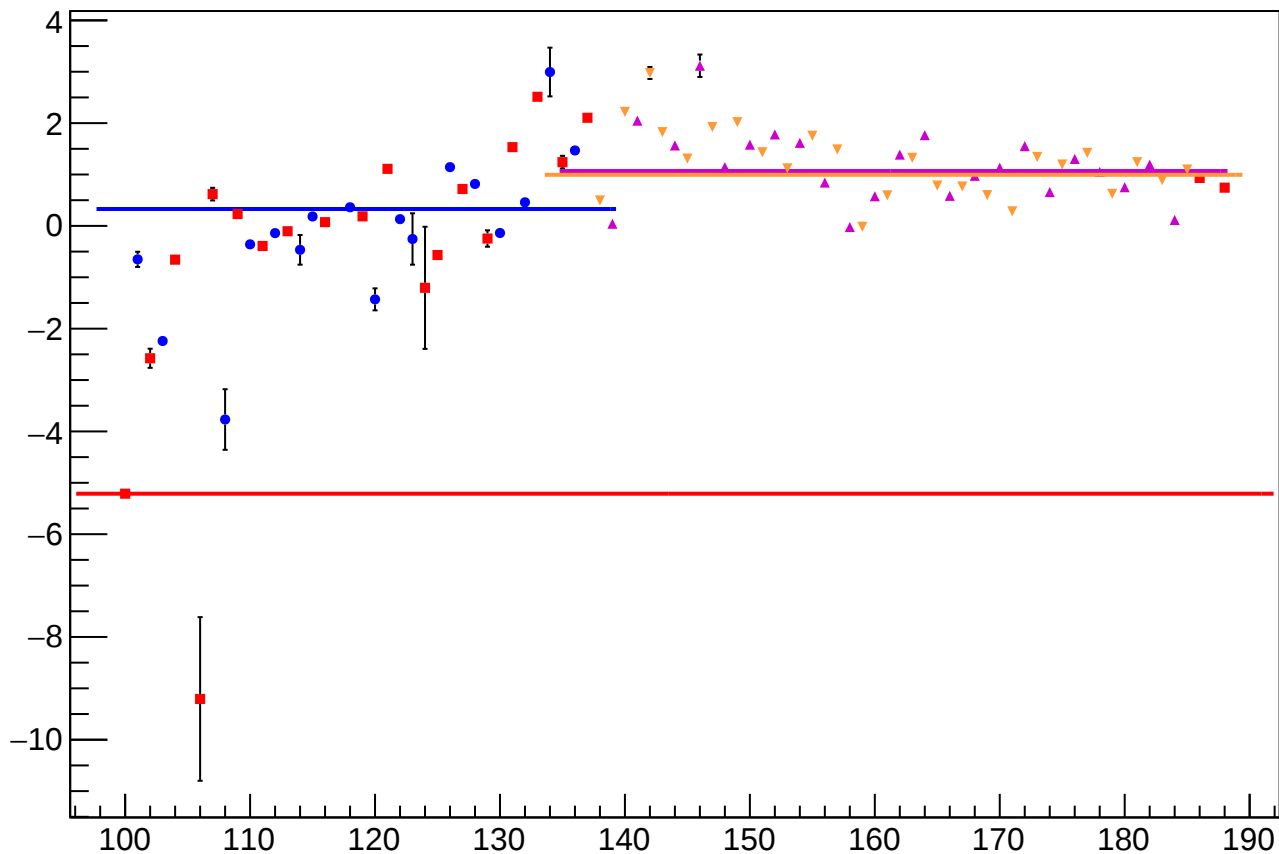
Left In: 107.162 $\pm$ 0.020 χ^2 /NDF: 786041.1/22

+ sign 232.747 $\pm$ 0.000 χ^2 /NDF: 33051680.3/41

All: 232.747 $\pm$ 0.000 χ^2 /NDF: 75510968.7/85

- sign 109.853 $\pm$ 0.019 χ^2 /NDF: 1324621.2/43

dit_sam1_4aX_slope vs Slug



Right In: 0.329 ± 0.013 χ^2/NDF : 4100.2/16

Left Out: 0.994 ± 0.007 χ^2/NDF : 6460.8/24

Right Out: -5.212 ± 0.000 χ^2/NDF : 523020.6/20

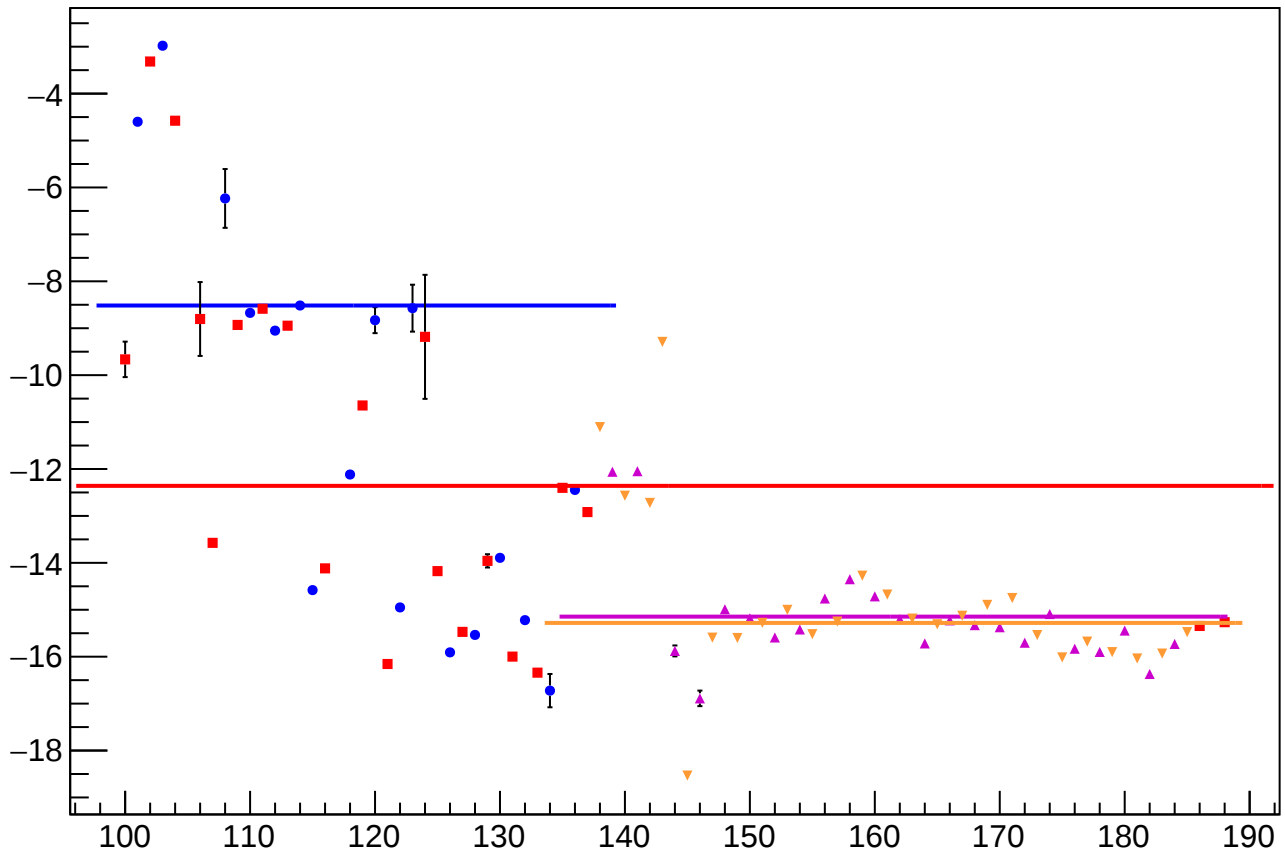
Left In: 1.068 ± 0.006 χ^2/NDF : 7383.3/22

+ sign 0.851 ± 0.006 χ^2/NDF : 12663.3/41

All: -5.212 ± 0.000 χ^2/NDF : 2516462.2/85

- sign -5.212 ± 0.000 χ^2/NDF : 1472948.8/43

dit_sam1_4eX_slope vs Slug



Right In: -8.516 ± 0.000 $\chi^2/\text{NDF}: 245356.0/16$

Left Out: -15.280 ± 0.005 $\chi^2/\text{NDF}: 40352.7/24$

Right Out: -12.359 ± 0.010 $\chi^2/\text{NDF}: 126292.4/20$

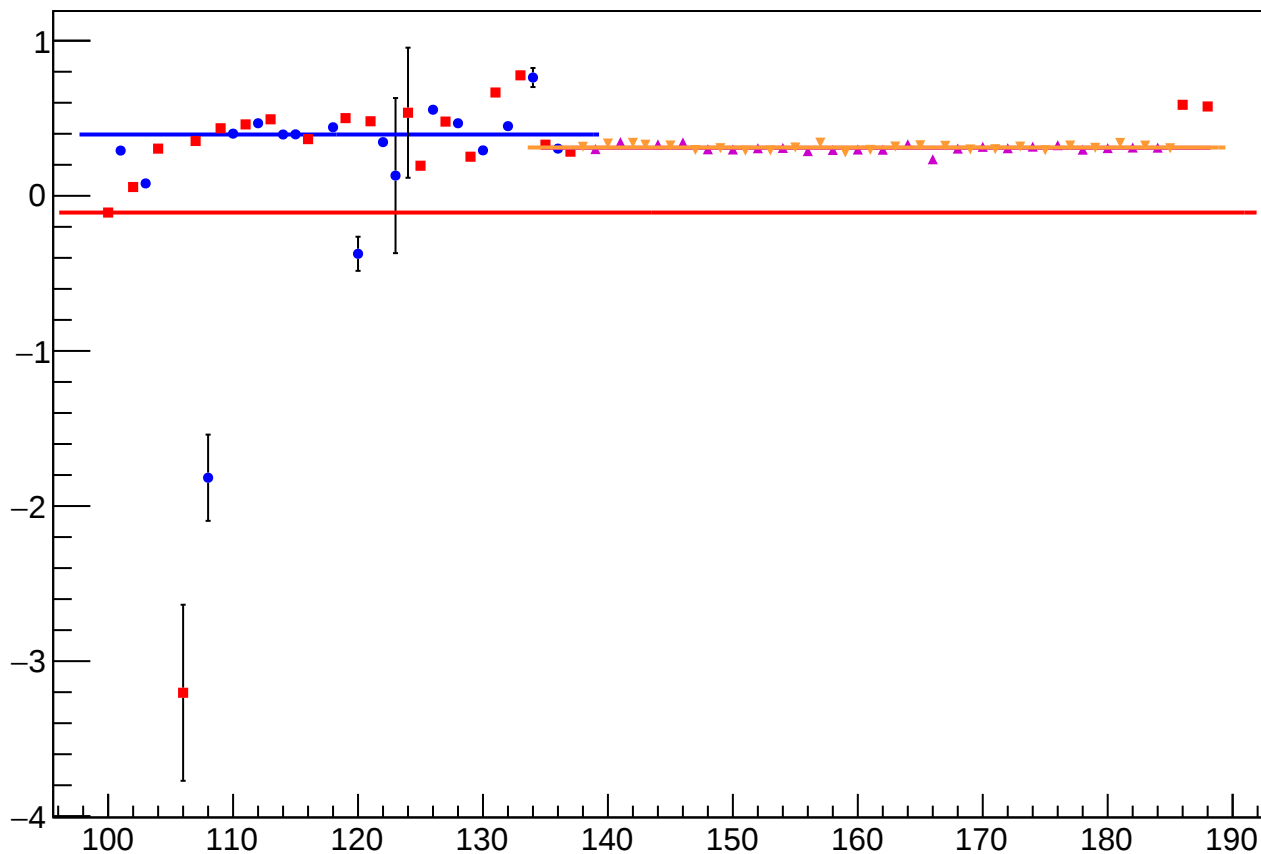
Left In: -15.146 ± 0.006 $\chi^2/\text{NDF}: 15634.6/22$

+ sign -8.516 ± 0.000 $\chi^2/\text{NDF}: 1861993.4/41$

All: -8.516 ± 0.000 $\chi^2/\text{NDF}: 3452345.7/85$

- sign -14.494 ± 0.005 $\chi^2/\text{NDF}: 196236.8/43$

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 : 132355.8/20

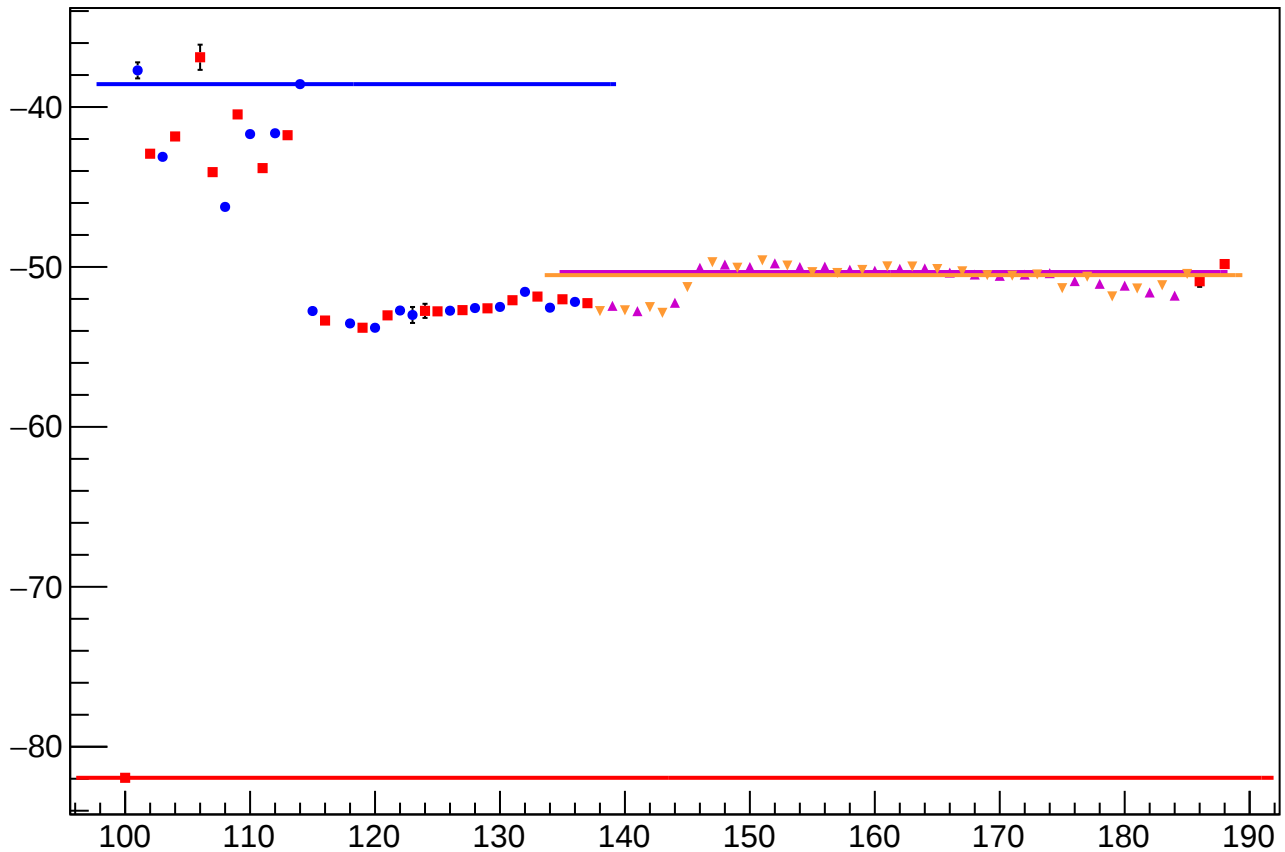
Left In: 0.309 ± 0.000 χ^2/NDF : 2994.1/22

+ 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 : 3432053.7/43

dit_sam1_4aY_slope vs Slug



Right In: -38.570 ± 0.000 $\chi^2/\text{NDF}: 12311757.7/16$

Left Out: -50.512 ± 0.001 $\chi^2/\text{NDF}: 289828.8/24$

Right Out: -81.941 ± 0.000 $\chi^2/\text{NDF}: 120439872.5/20$

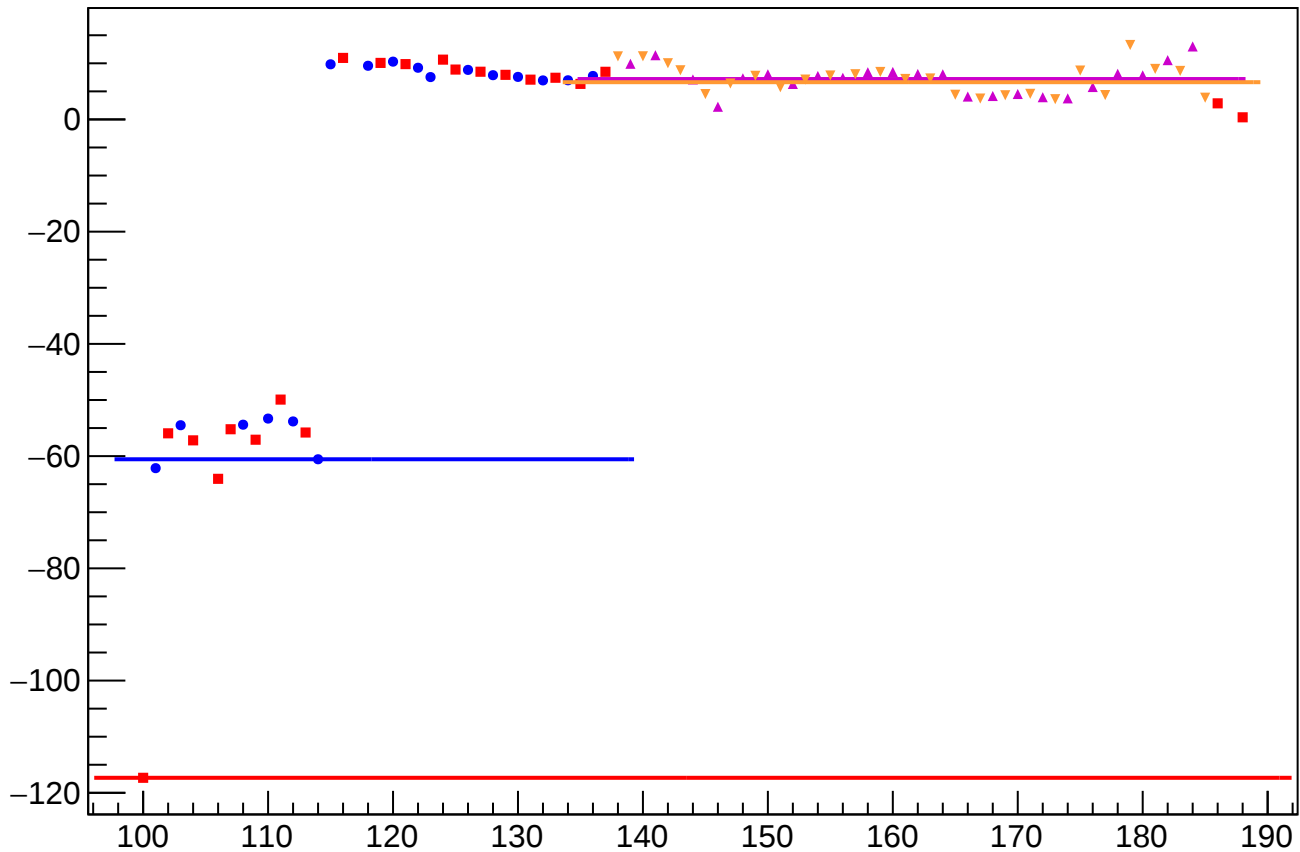
Left In: -50.317 ± 0.001 $\chi^2/\text{NDF}: 186234.6/22$

+ sign -38.570 ± 0.000 $\chi^2/\text{NDF}: 81928359.6/41$

All: -43.774 ± 0.000 $\chi^2/\text{NDF}: 491816286535$

- sign -81.941 ± 0.000 $\chi^2/\text{NDF}: 724723488.4/43$

dit_sam1_4eY_slope vs Slug



Right In: -60.561+/-0.000 χ^2/NDF : 179199478.6/16

Left Out: 6.637+/-0.004 χ^2/NDF : 338489.5/24

Right Out: -117.324+/-0.000 χ^2/NDF : 219645334.5/20

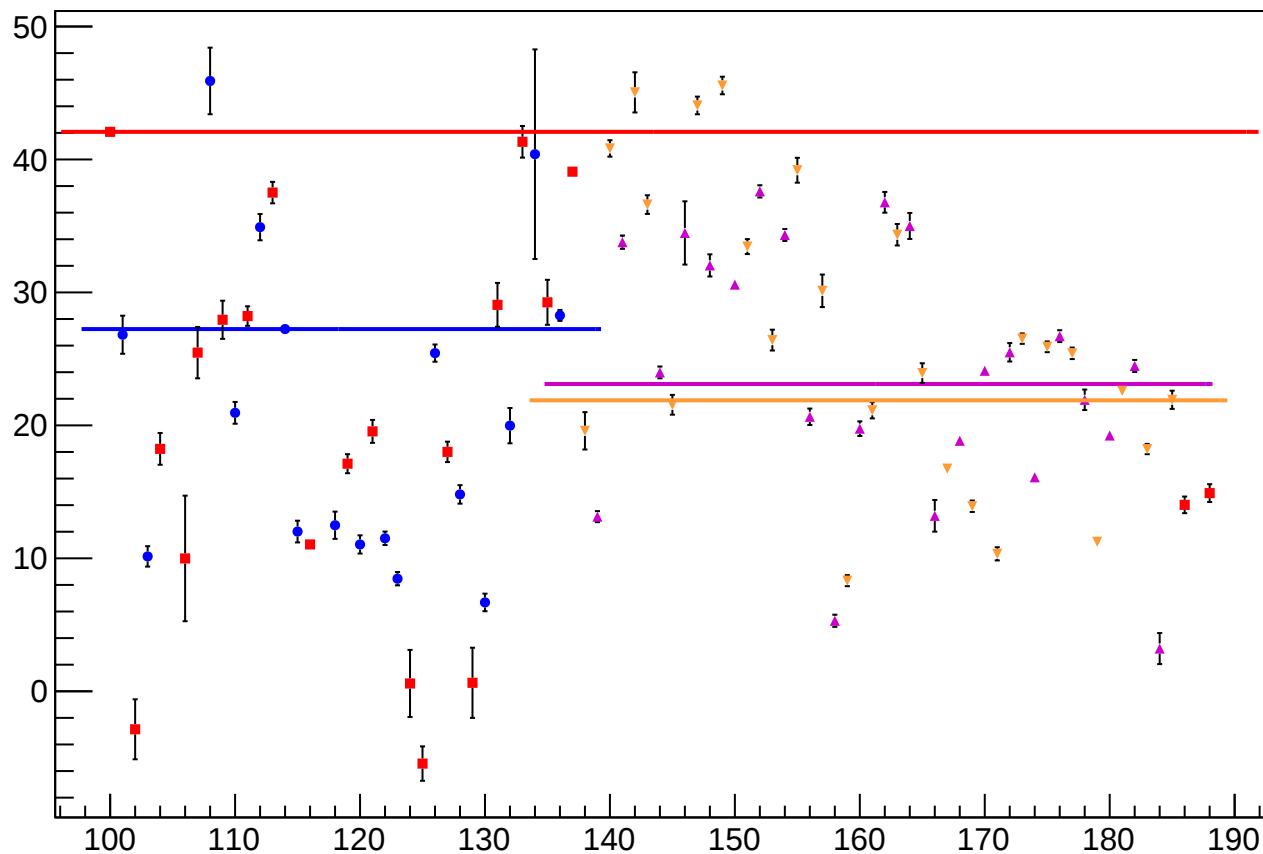
Left In: 7.199+/-0.003 χ^2/NDF : 202969.6/22

+ sign -60.561+/-0.000 χ^2/NDF : 508619585.3/41

All: -91.839+/-0.000 χ^2/NDF : 429805156128

- sign -117.324+/-0.000 χ^2/NDF : 1514040760.8/43

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: 41875.5/20

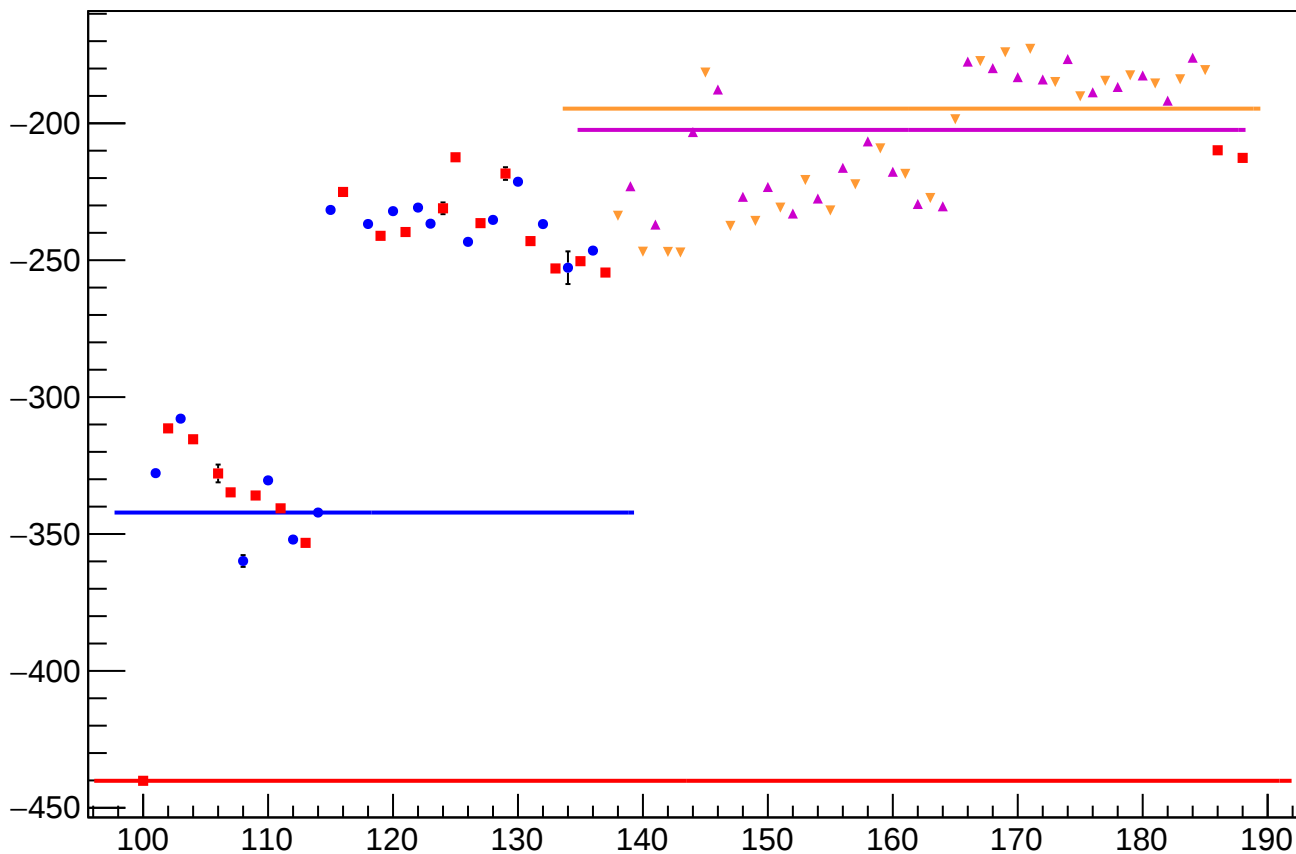
Left In: 23.111 $\pm$ 0.097 χ^2 /NDF: 6631.9/22

+ 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: 86654.3/43

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 : 7366784.6/20

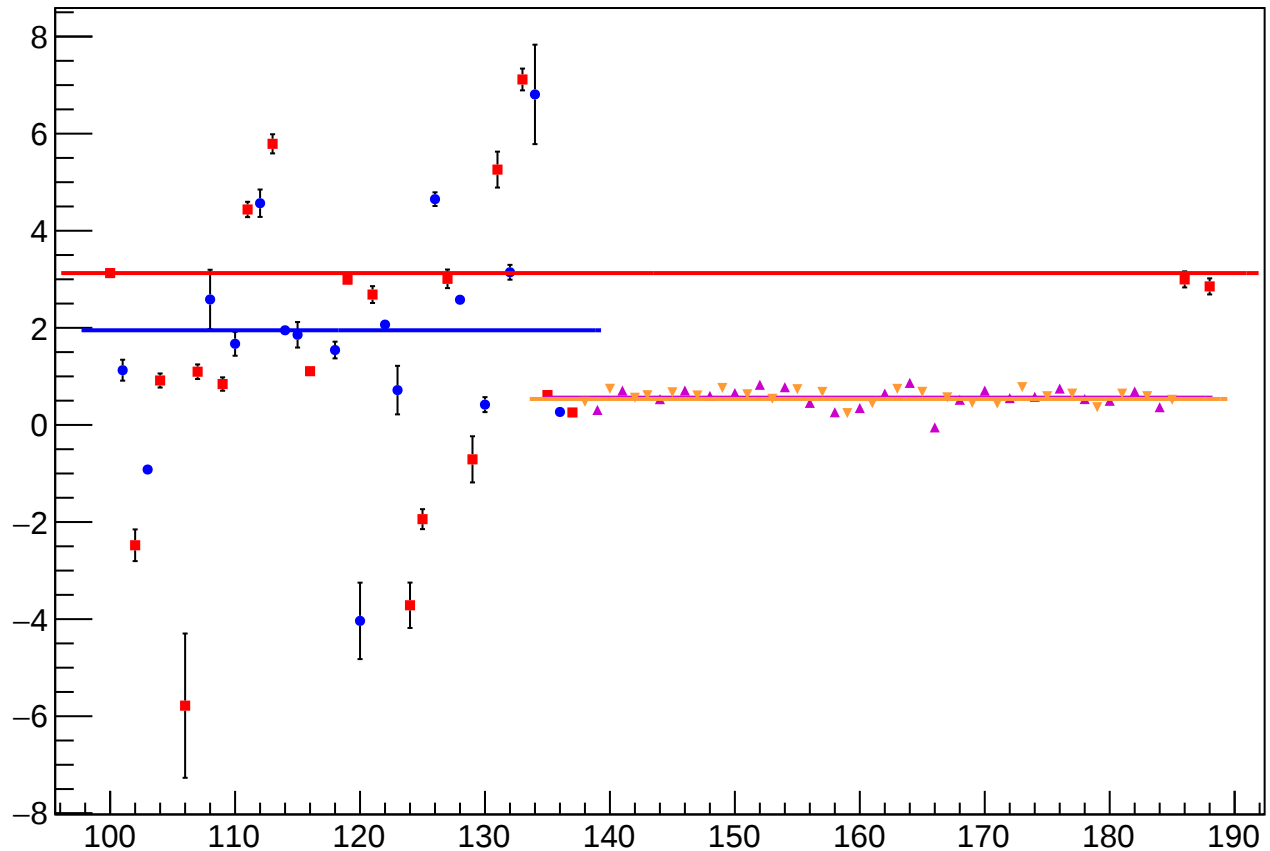
Left In: -202.410 ± 0.086 χ^2/NDF : 63292.5/22

+ 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 : 15100614.0/43

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 : 24968.8/20

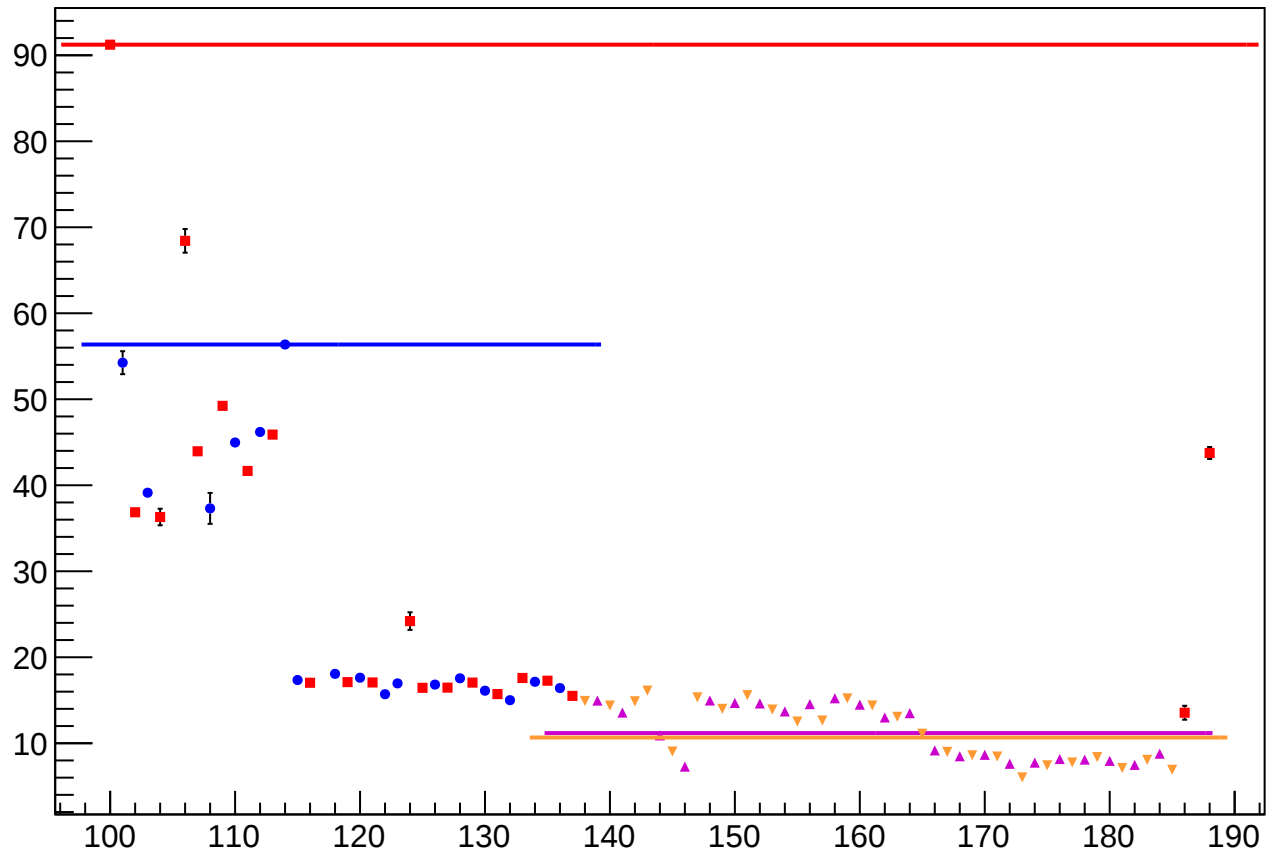
Left In: 0.562+/-0.001 χ^2/NDF :16291.7/22

+ 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 : 3191053.3/43

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 : 17936256.4/20

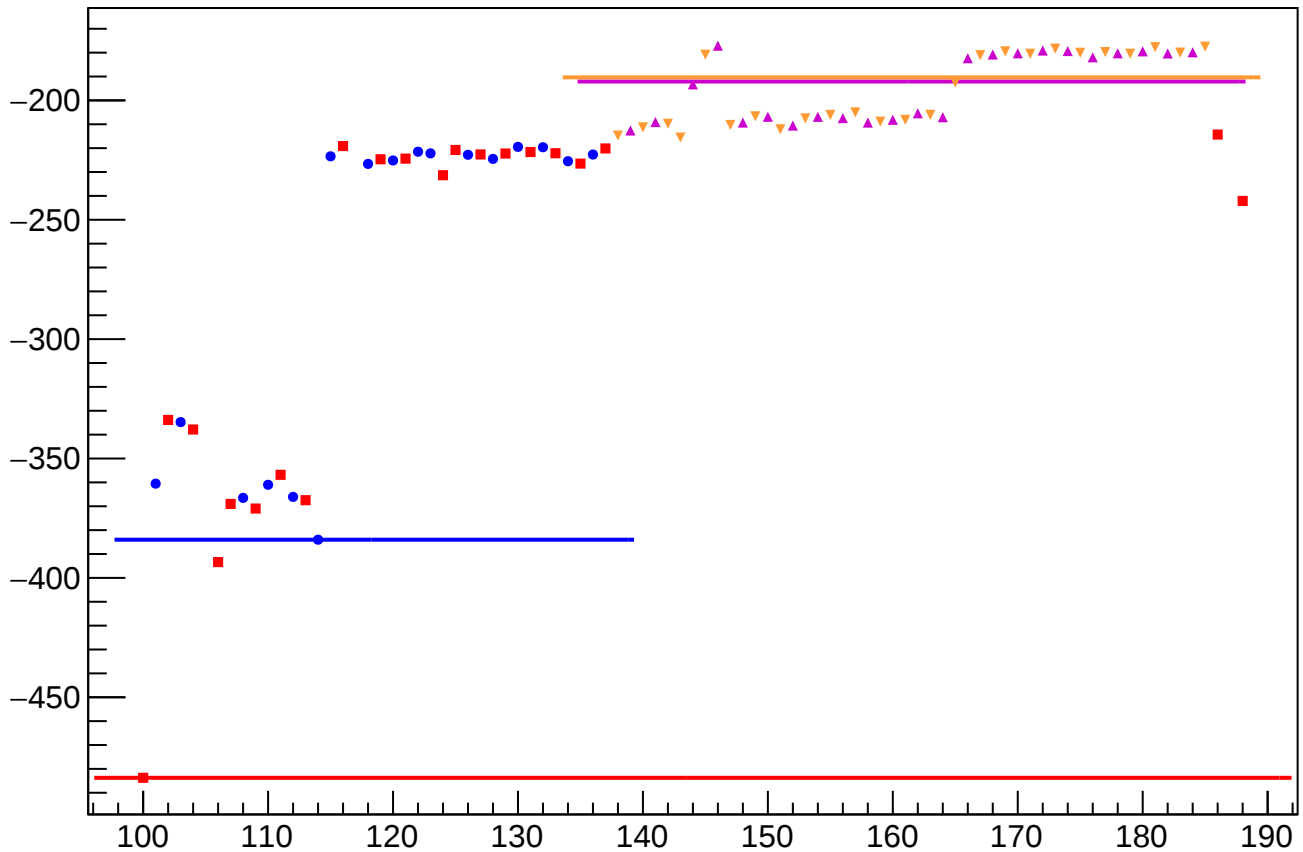
Left In: 11.184+/-0.007 χ^2/NDF : 221112.8/22

+ 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 : 160213558.4/43

dit_sam2_4eY_slope vs Slug



Right In: -384.003+/-0.000 χ^2/NDF : 17098507.2/16

Left Out: -190.350+/-0.012 χ^2/NDF : 1508382.7/24

+ sign -384.003+/-0.000 χ^2/NDF : 298505877.6/41

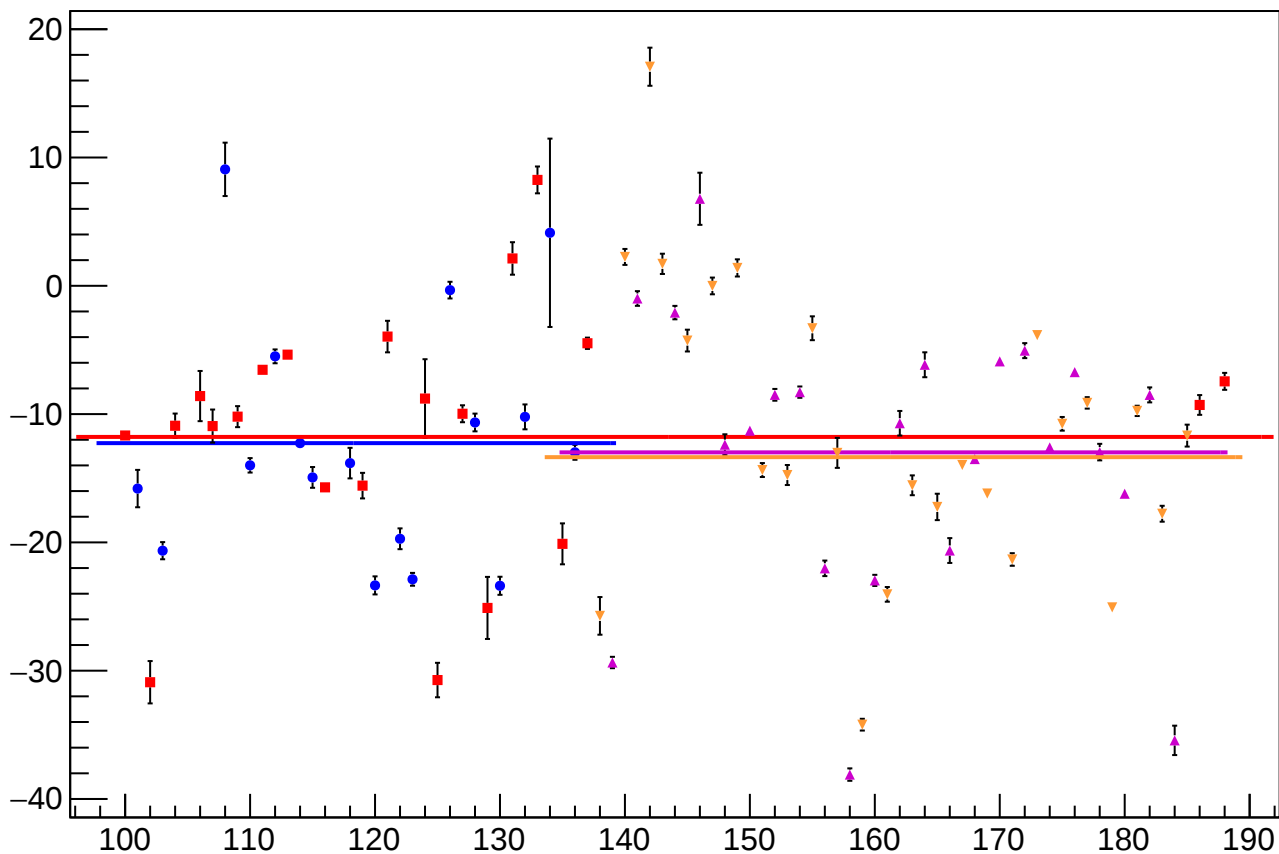
Right Out: -483.735+/-0.000 χ^2/NDF : 27851389.6/20

All: -452.390+/-0.000 χ^2/NDF : 58047820362

- sign -483.735+/-0.000 χ^2/NDF : 660924804.5/43

Left In: -192.086+/-0.012 χ^2/NDF : 1430161.9/22

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: -11.779 ± 0.105 χ^2/NDF : 2582.9/20

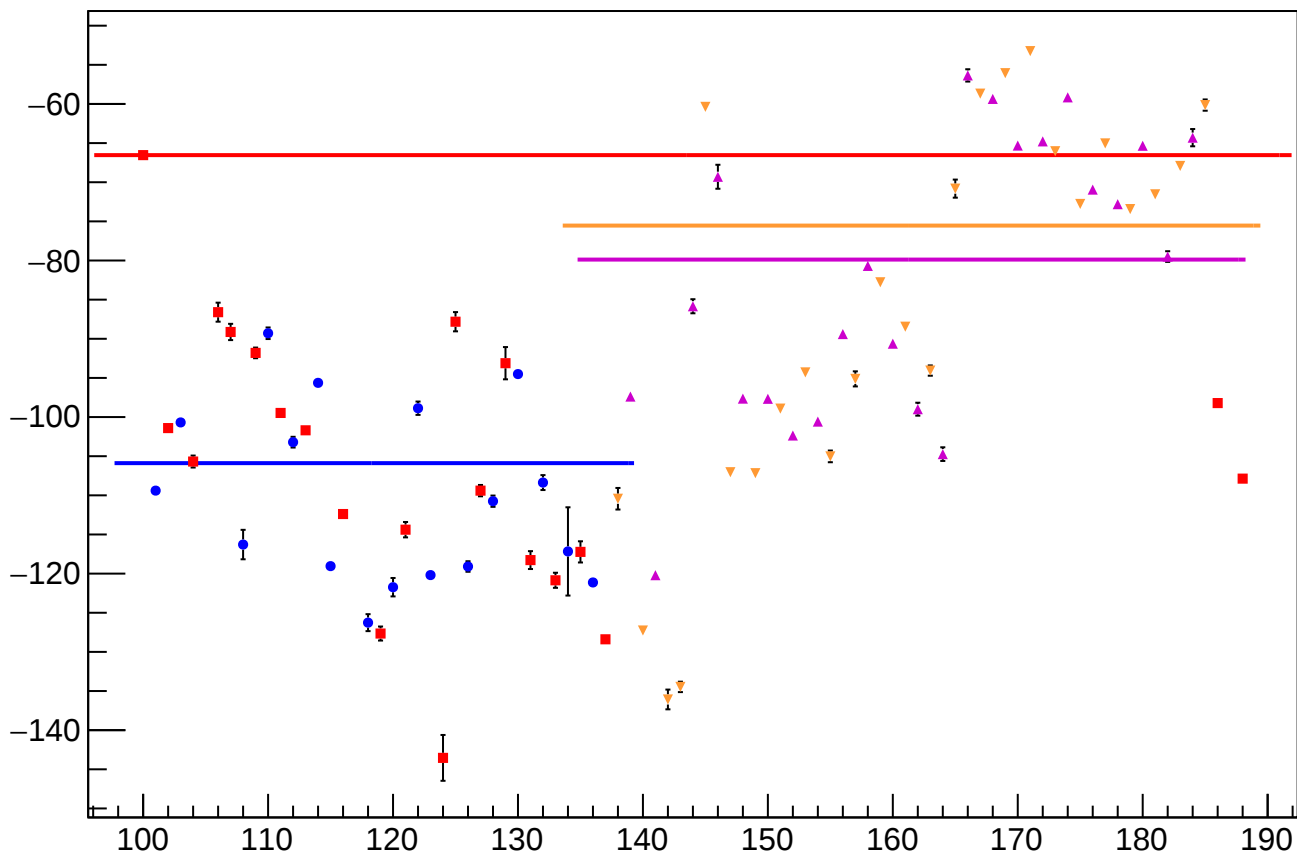
Left In: -12.982 ± 0.099 χ^2/NDF : 7714.4/22

+ sign -12.264 ± 0.000 χ^2/NDF : 9200.6/41

All: -12.264 ± 0.000 χ^2/NDF : 19571.6/85

- sign -12.418 ± 0.072 χ^2/NDF : 10366.4/43

dit_sam3_4eX_slope vs Slug



Right In: -105.886 $\pm$ 0.108 χ^2 /NDF: 6351.6/16

Left Out: -75.538 $\pm$ 0.085 χ^2 /NDF: 52728.0/24

Right Out: -66.536 $\pm$ 0.000 χ^2 /NDF: 809854.1/20

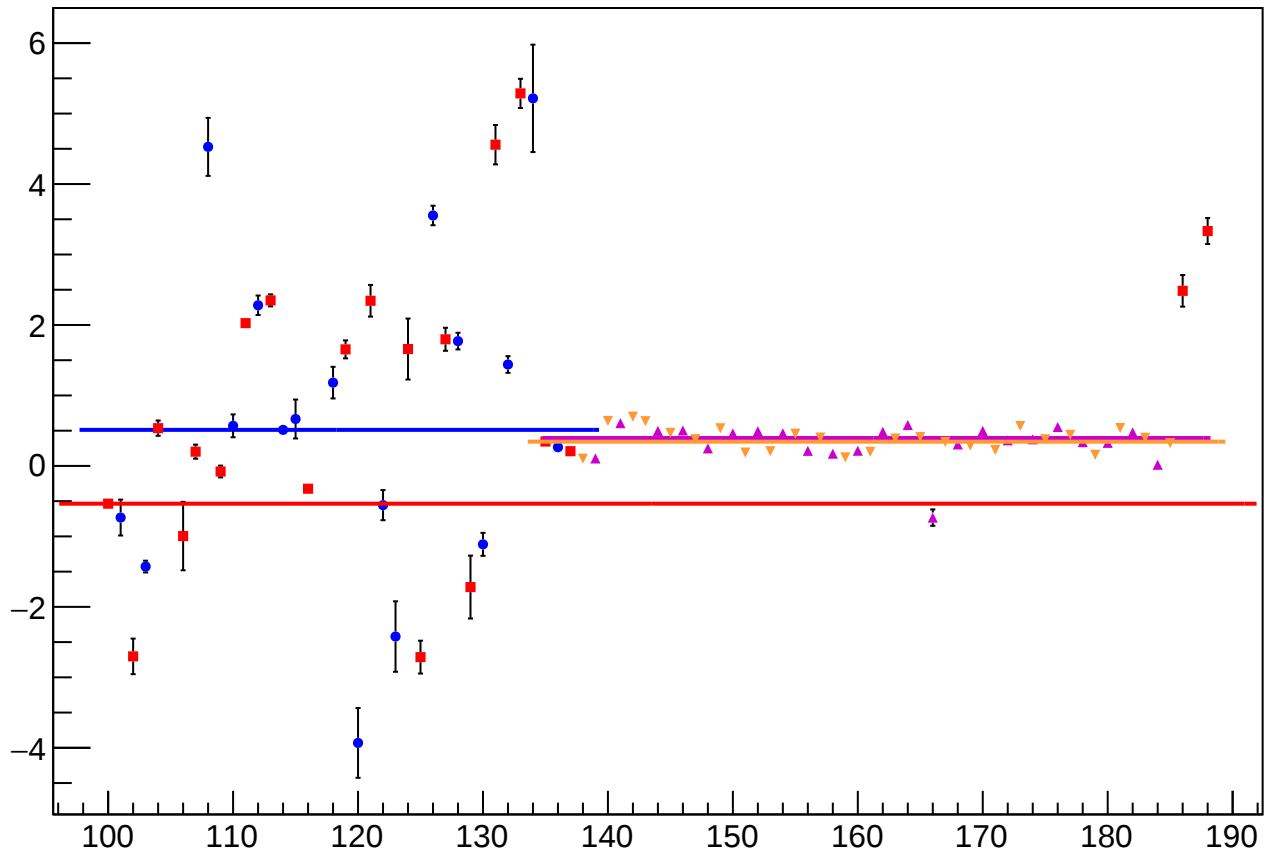
Left In: -79.882 $\pm$ 0.086 χ^2 /NDF: 44553.2/22

+ sign -87.273 $\pm$ 0.067 χ^2 /NDF: 107938.9/41

All: -66.536 $\pm$ 0.000 χ^2 /NDF: 1082796.5/85

- sign -66.536 $\pm$ 0.000 χ^2 /NDF: 878673.3/43

dit_sam3_11X12X_slope vs Slug



Right In: 0.512 ± 0.000 χ^2/NDF : 3863.6/16

Left Out: 0.344 ± 0.002 χ^2/NDF : 10242.3/24

Right Out: -0.536 ± 0.000 χ^2/NDF : 33677.4/20

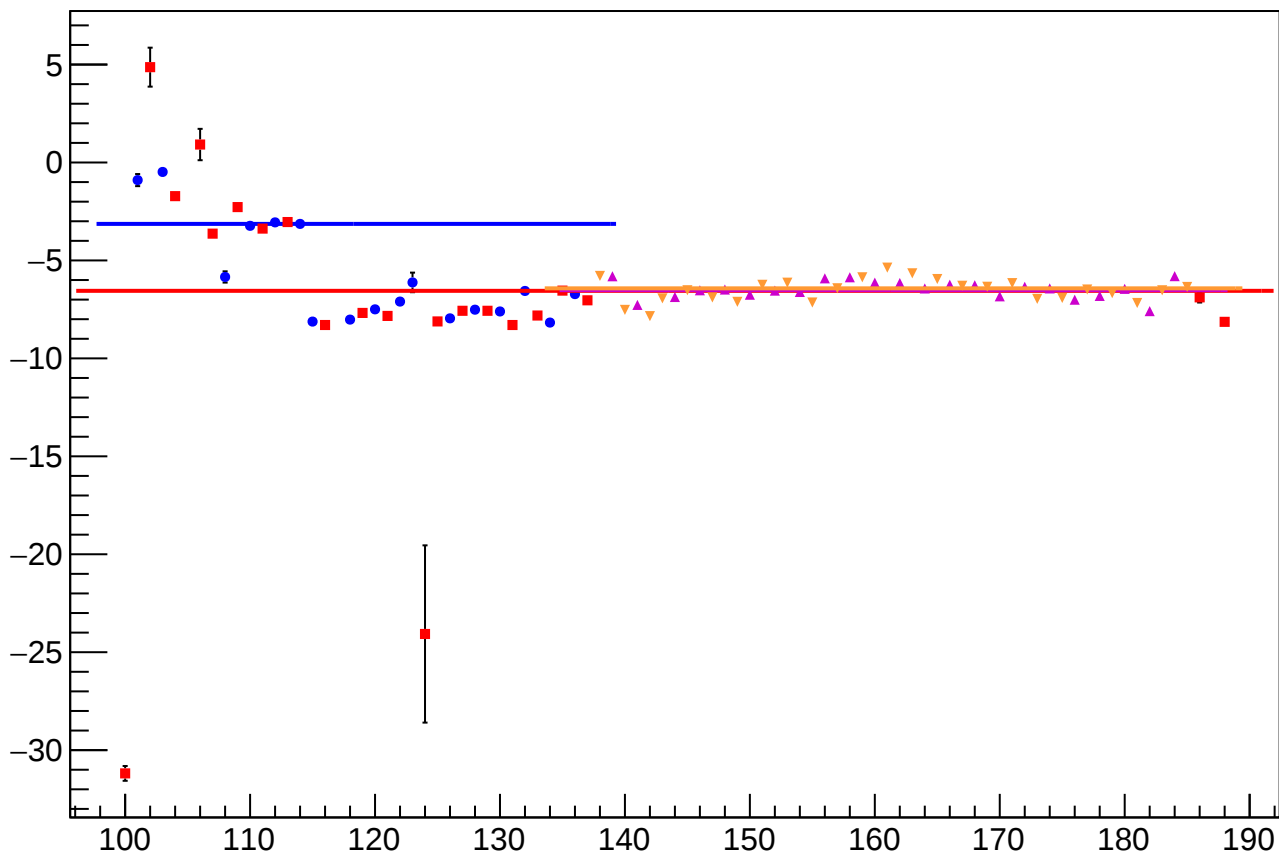
Left In: 0.396 ± 0.001 χ^2/NDF : 10440.9/22

+ sign 0.512 ± 0.000 χ^2/NDF : 24450.9/41

All: 0.142 ± 0.000 χ^2/NDF : 34560328403050

- sign -0.536 ± 0.000 χ^2/NDF : 455386.8/43

dit_sam3_4aY_slope vs Slug



Right In: -3.134 ± 0.000 $\chi^2/\text{NDF}: 368547.6/16$

Left Out: -6.425 ± 0.005 $\chi^2/\text{NDF}: 7292.7/24$

Right Out: -6.552 ± 0.008 $\chi^2/\text{NDF}: 92265.8/20$

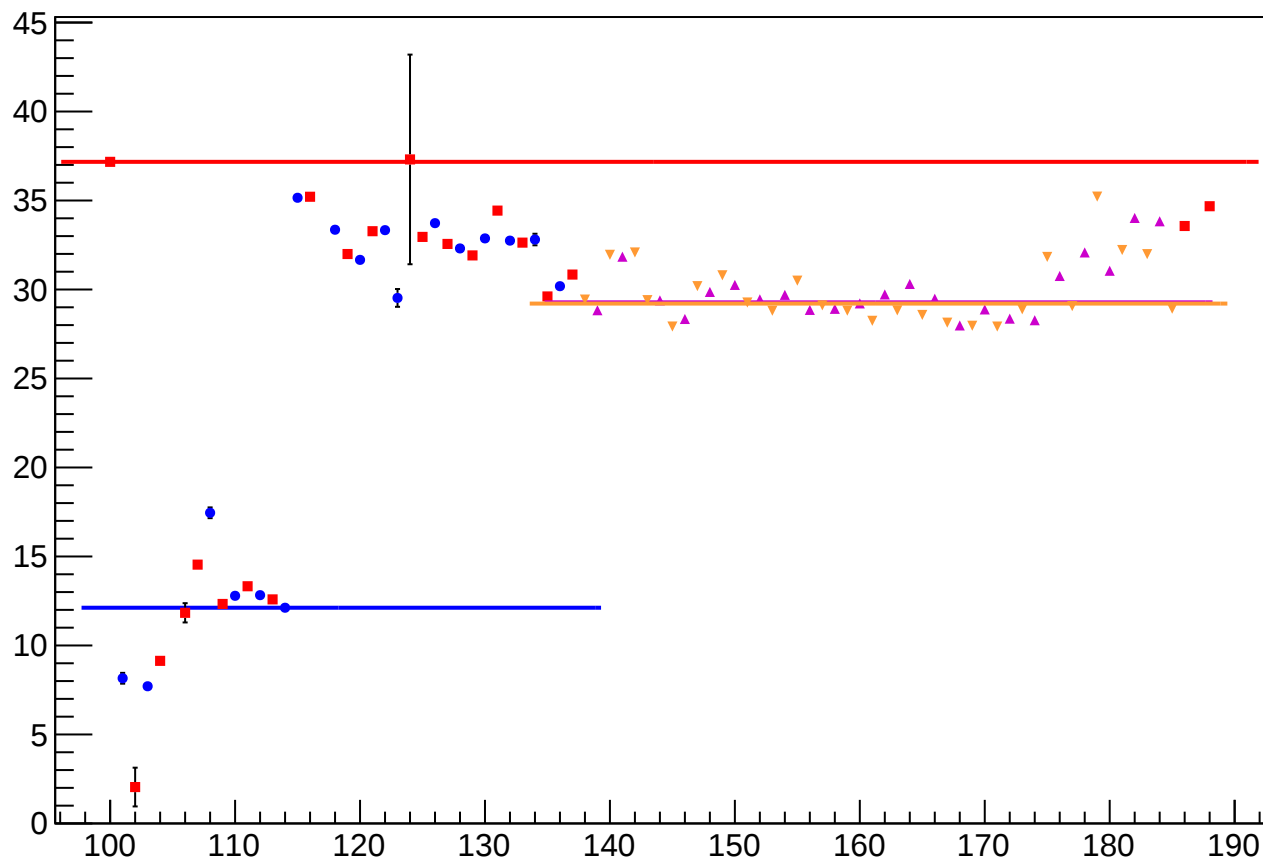
Left In: -6.517 ± 0.005 $\chi^2/\text{NDF}: 7083.8/22$

+ sign -3.134 ± 0.000 $\chi^2/\text{NDF}: 836202.9/41$

All: -3.134 ± 0.000 $\chi^2/\text{NDF}: 1680931.2/85$

- sign -6.527 ± 0.004 $\chi^2/\text{NDF}: 99365.1/43$

dit_sam3_4eY_slope vs Slug



Right In: 12.121 $\pm$ 0.000 χ^2 /NDF: 1993680.8/16

Left Out: 29.209 $\pm$ 0.008 χ^2 /NDF: 40106.9/24

Right Out: 37.173 $\pm$ 0.000 χ^2 /NDF: 1531658.4/20

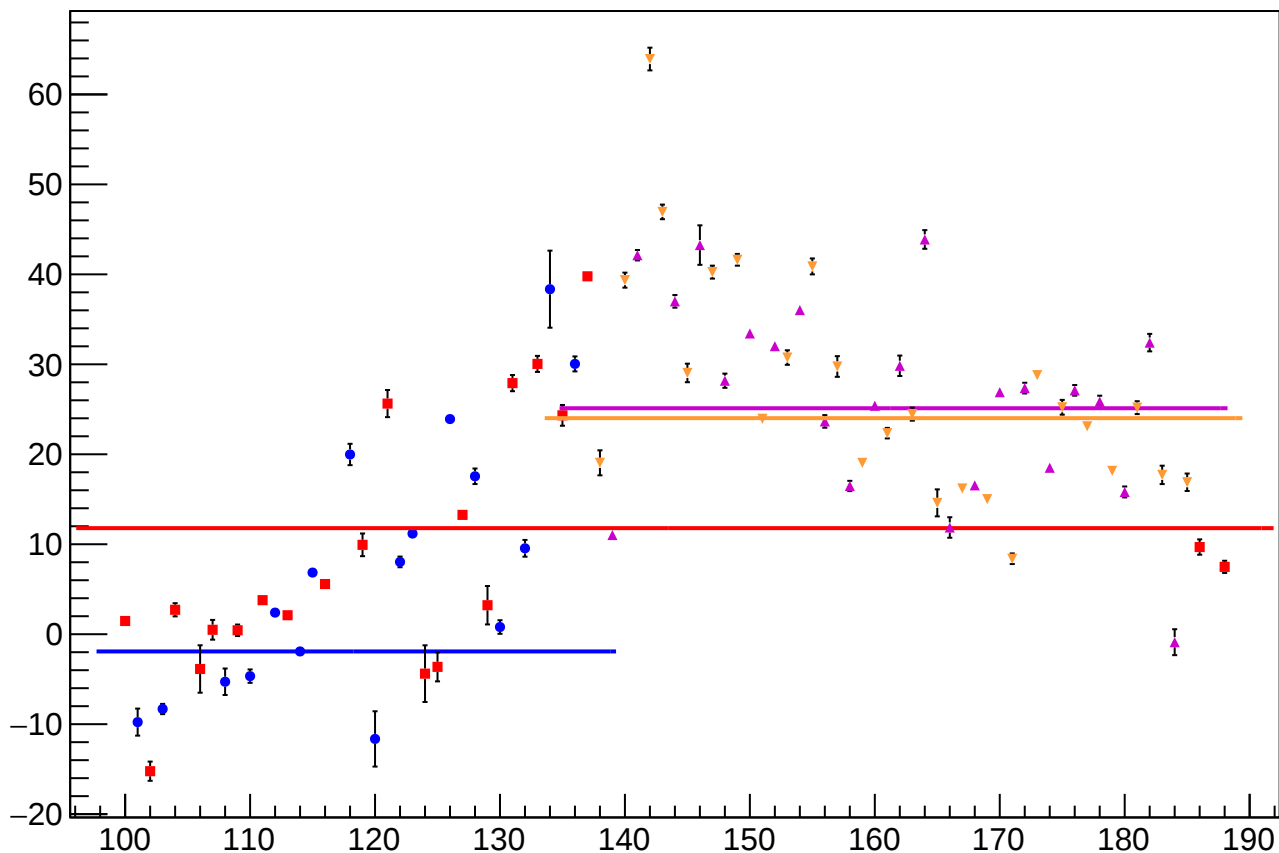
Left In: 29.281 $\pm$ 0.008 χ^2 /NDF: 12436.8/22

+ sign 12.121 $\pm$ 0.000 χ^2 /NDF: 6218455.7/41

All: 15.127 $\pm$ 0.000 χ^2 /NDF: 656355411606

- sign 37.173 $\pm$ 0.000 χ^2 /NDF: 2424451.9/43

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: 11.790 ± 0.131 χ^2/NDF : 12625.1/20

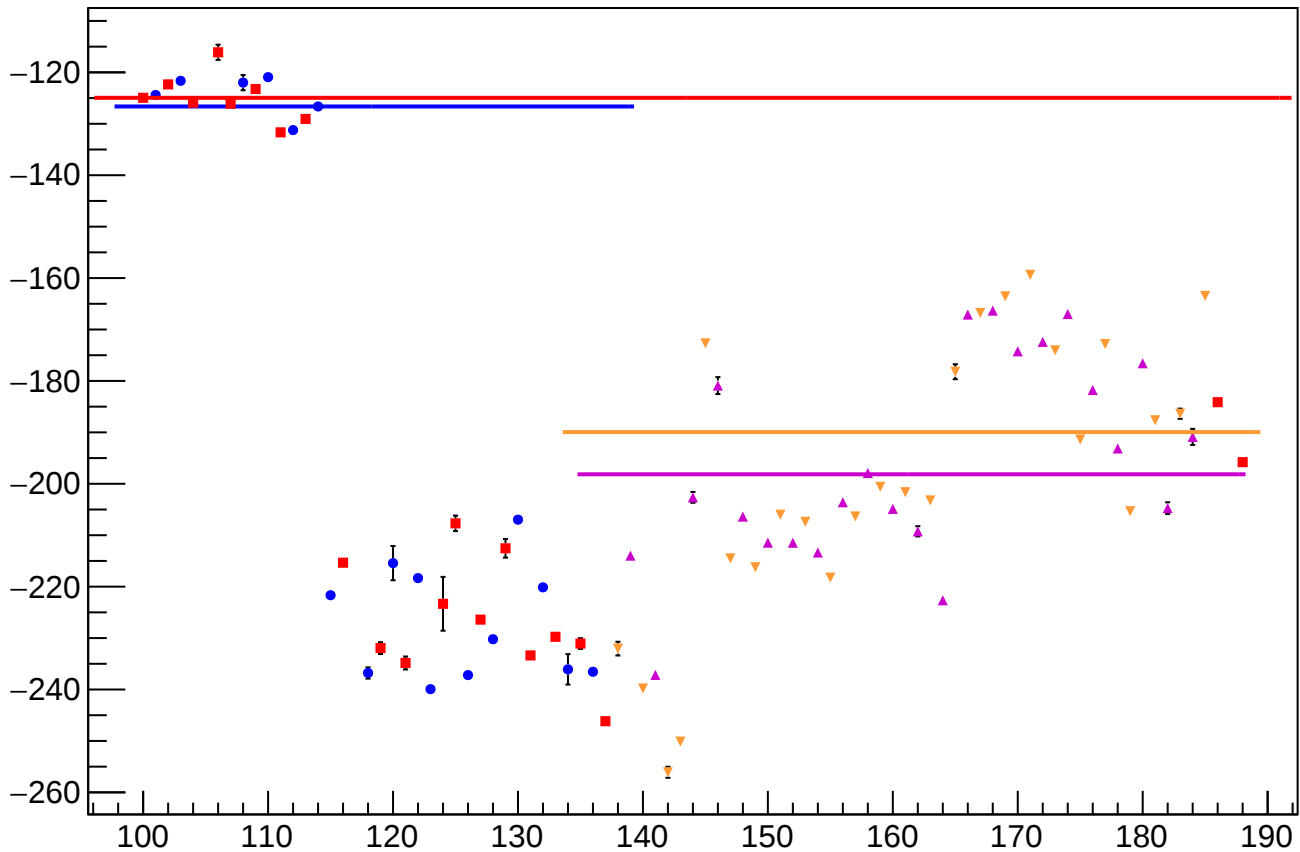
Left In: 25.118 ± 0.113 χ^2/NDF : 6448.8/22

+ sign -1.915 ± 0.000 χ^2/NDF : 54295.3/41

All: -1.915 ± 0.000 χ^2/NDF : 141337.0/85

- sign 19.419 ± 0.086 χ^2/NDF : 25000.1/43

dit_sam4_4eX_slope vs Slug



Right In: -126.632 $\pm$ 0.000 χ^2 /NDF: 278525.1/16

Left Out: -189.945 $\pm$ 0.103 χ^2 /NDF: 51065.8/24

Right Out: -124.949 $\pm$ 0.000 χ^2 /NDF: 526265.1/20

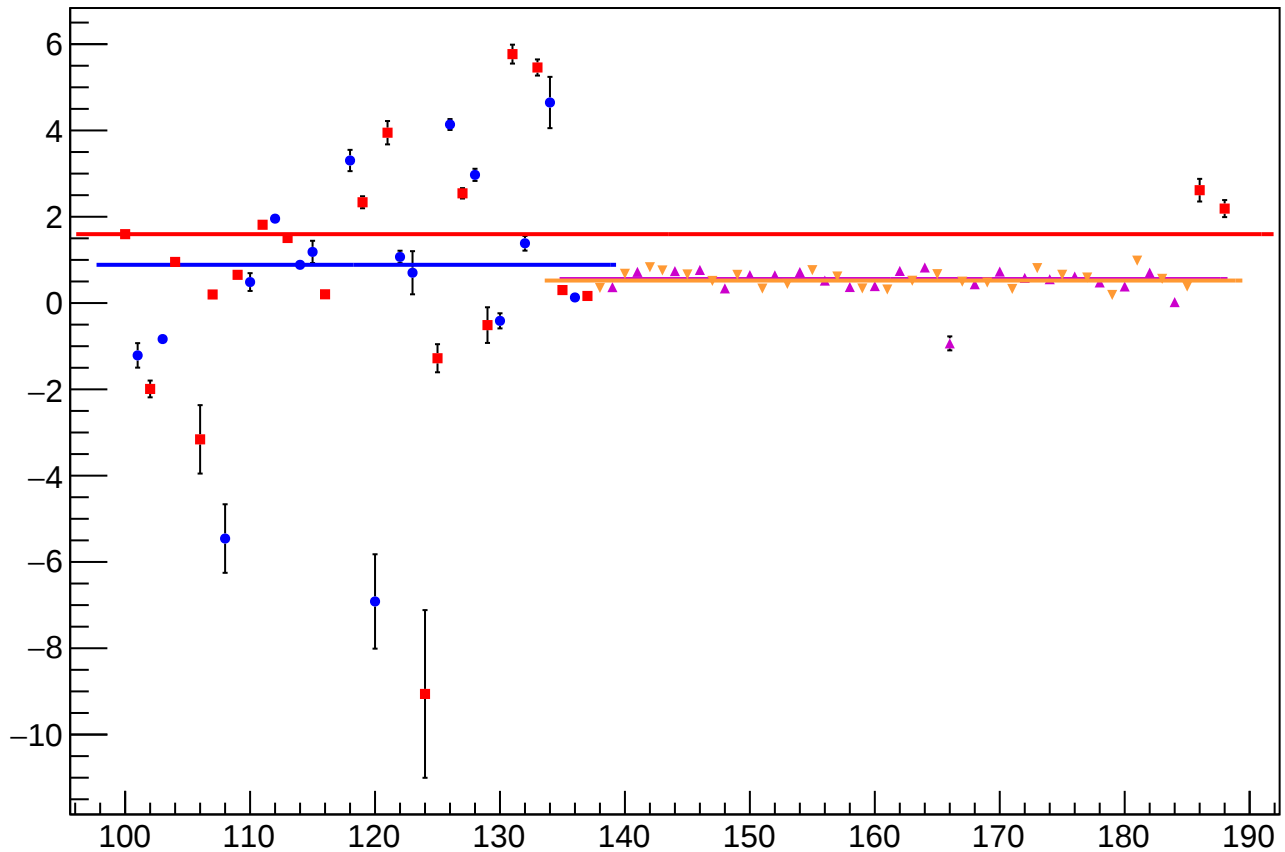
Left In: -198.153 $\pm$ 0.098 χ^2 /NDF: 42045.5/22

+ sign -126.632 $\pm$ 0.000 χ^2 /NDF: 709600.8/41

All: -126.038 $\pm$ 0.000 χ^2 /NDF: 60537895424

- sign -124.949 $\pm$ 0.000 χ^2 /NDF: 1120805.9/43

dit_sam4_11X12X_slope vs Slug



Right In: 0.886 ± 0.000 χ^2/NDF : 9294.4/16

Left Out: 0.522 ± 0.002 χ^2/NDF : 8701.1/24

Right Out: 1.597 ± 0.000 χ^2/NDF : 4639.5/20

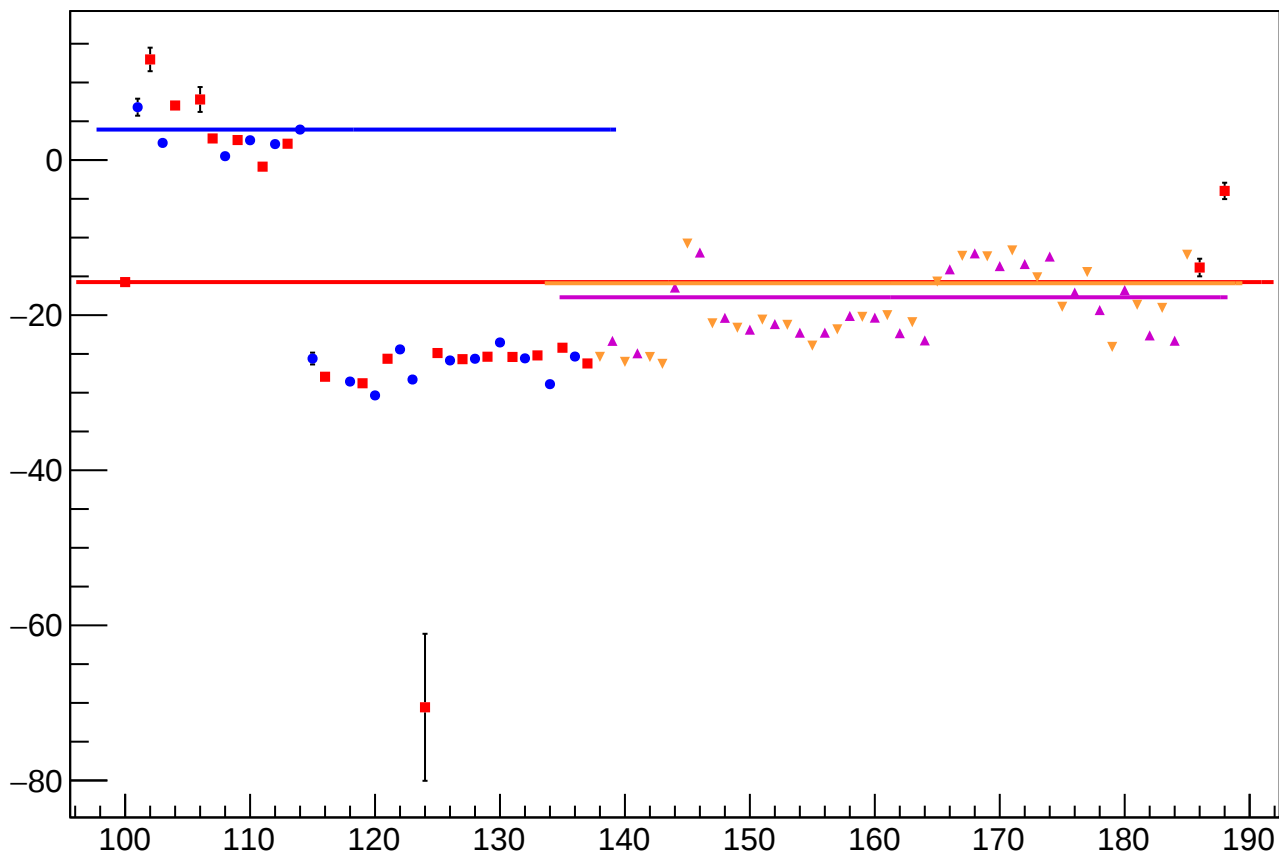
Left In: 0.556 ± 0.002 χ^2/NDF : 5988.8/22

+ sign 0.886 ± 0.000 χ^2/NDF : 50353.7/41

All: 1.137 ± 0.000 χ^2/NDF : 3973760473708

- sign 1.597 ± 0.000 χ^2/NDF : 299024.4/43

dit_sam4_4aY_slope vs Slug



Right In: 3.930 ± 0.000 χ^2/NDF : 6140834.2/16

Left Out: -15.887 ± 0.011 χ^2/NDF : 185700.9/24

Right Out: -15.737 ± 0.000 χ^2/NDF : 268078.2/20

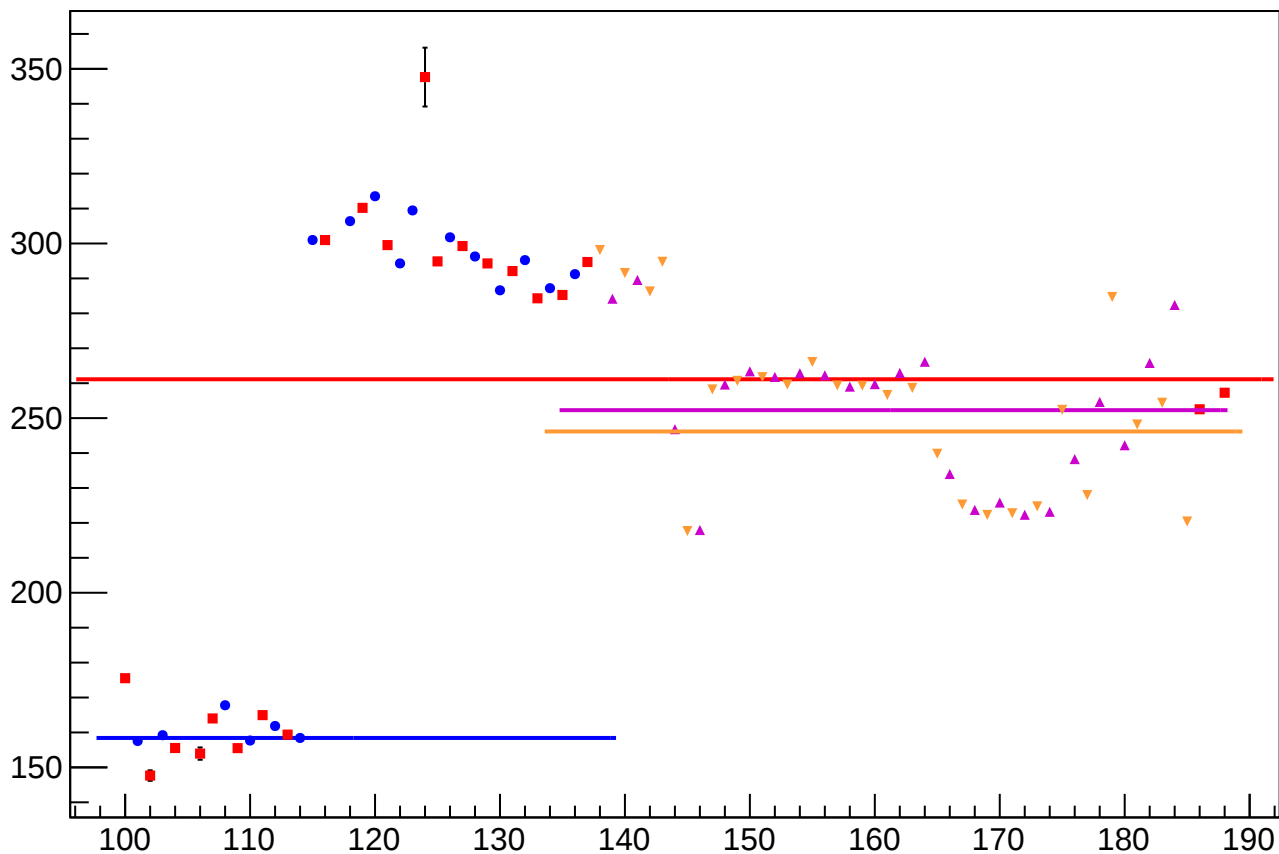
Left In: -17.695 ± 0.012 χ^2/NDF : 121415.4/22

+ sign 3.930 ± 0.000 χ^2/NDF : 9556719.6/41

All: 3.282 ± 0.000 χ^2/NDF : 71120480173548

- sign -15.737 ± 0.000 χ^2/NDF : 417491.4/43

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: 261.123 $\pm$ 0.058 χ^2 /NDF: 1071321.3/20

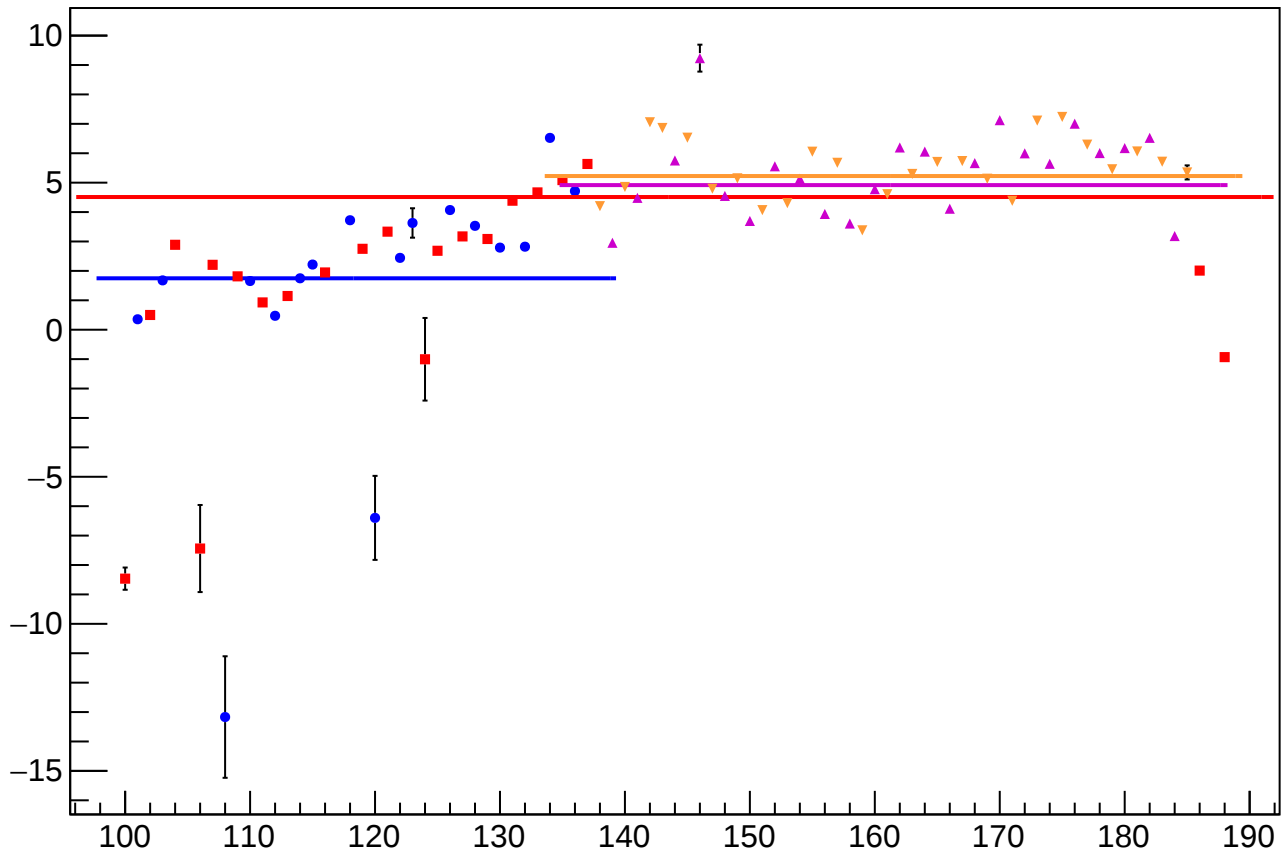
Left In: 252.278 $\pm$ 0.028 χ^2 /NDF: 359829.6/22

+ sign 158.426 $\pm$ 0.000 χ^2 /NDF: 13985121.2/41

All: 158.426 $\pm$ 0.000 χ^2 /NDF: 29418752.5/85

- sign 253.984 $\pm$ 0.026 χ^2 /NDF: 1449803.4/43

dit_sam5_4aX_slope vs Slug



Right In: 1.748 $\pm$ 0.000 χ^2 /NDF: 11344.3/16

Left Out: 5.225 $\pm$ 0.014 χ^2 /NDF: 4400.6/24

Right Out: 4.512 $\pm$ 0.006 χ^2 /NDF: 86706.1/20

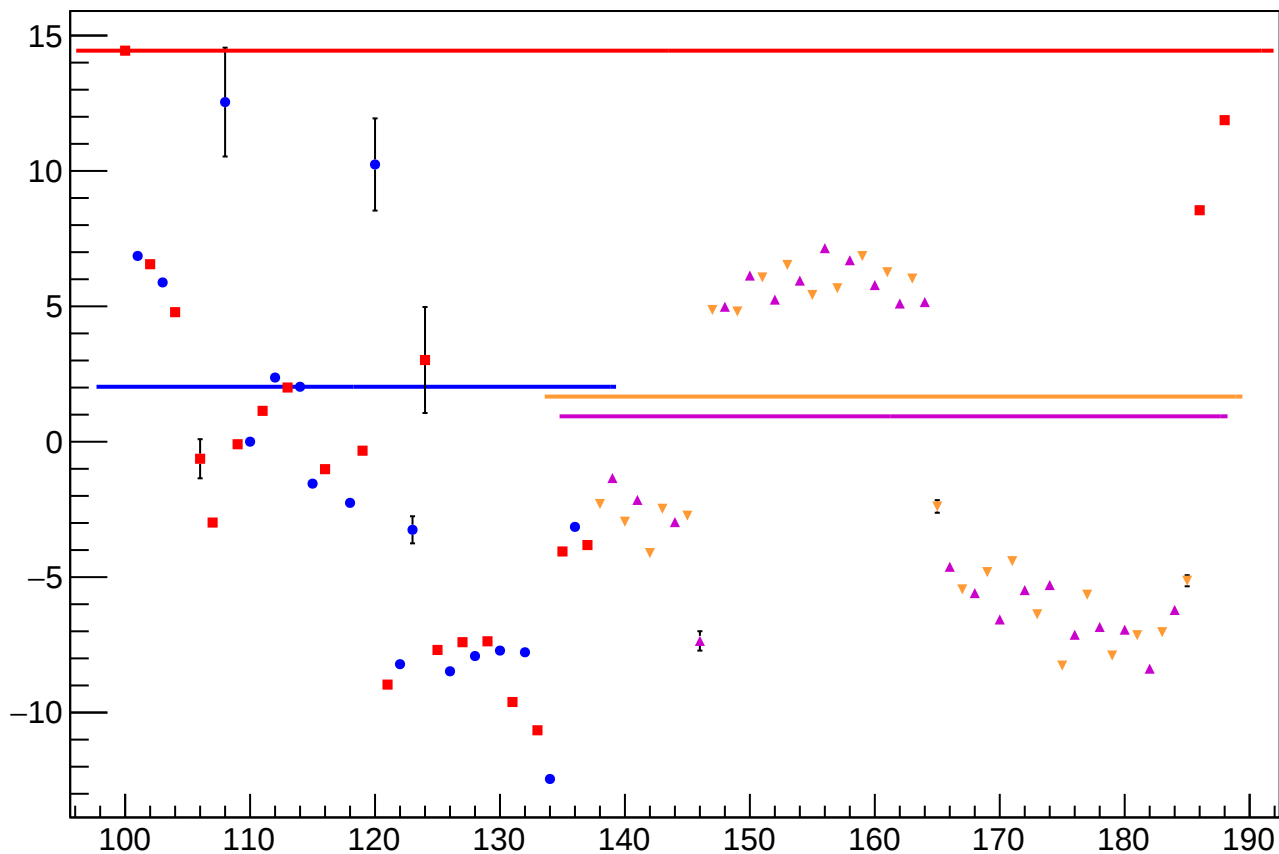
Left In: 4.917 $\pm$ 0.013 χ^2 /NDF: 10749.9/22

+ sign 1.748 $\pm$ 0.000 χ^2 /NDF: 80247.6/41

All: 1.748 $\pm$ 0.000 χ^2 /NDF: 434202.8/85

- sign 4.591 $\pm$ 0.006 χ^2 /NDF: 98270.3/43

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: 5855781.8/20

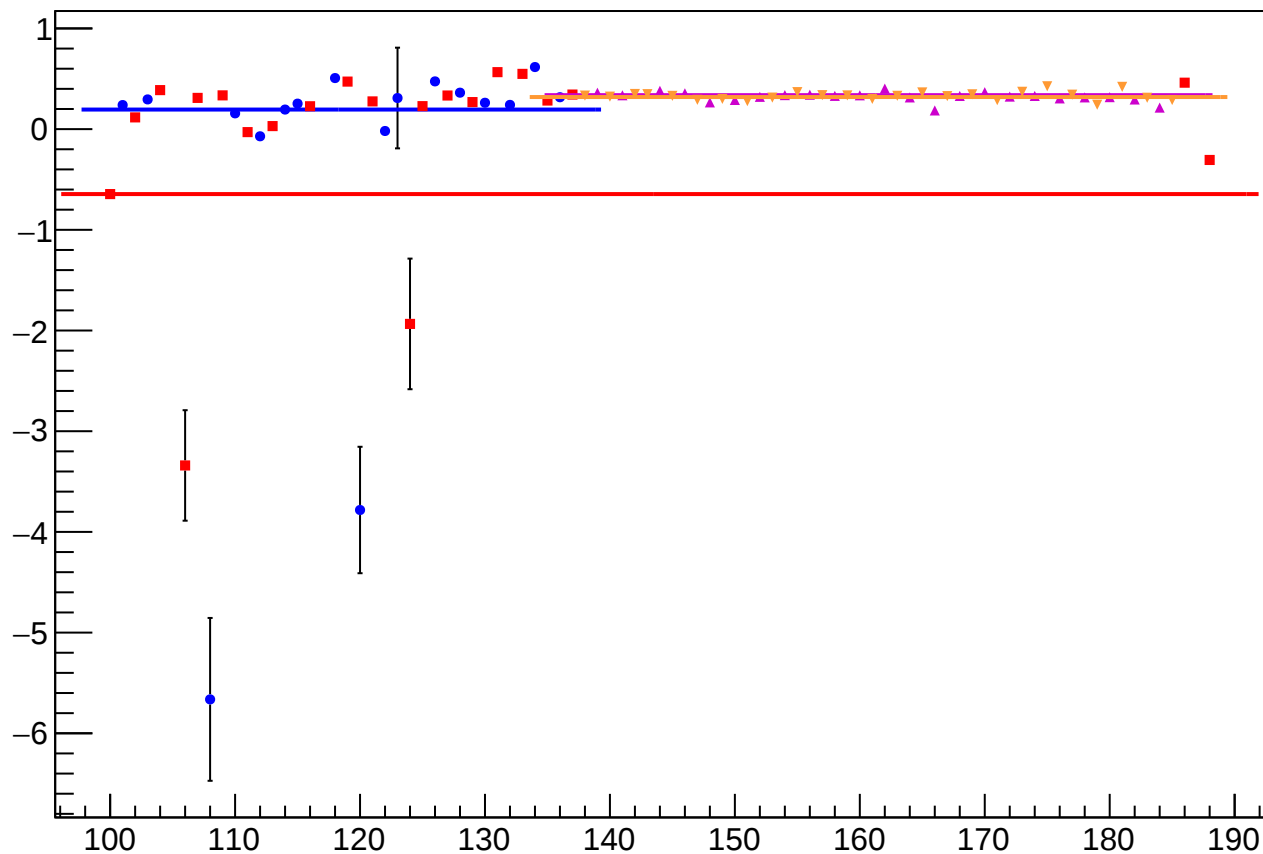
Left In: 0.938 $\pm$ 0.011 χ^2 /NDF: 253480.7/22

+ 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: 7586023.3/43

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 : 195334.4/20

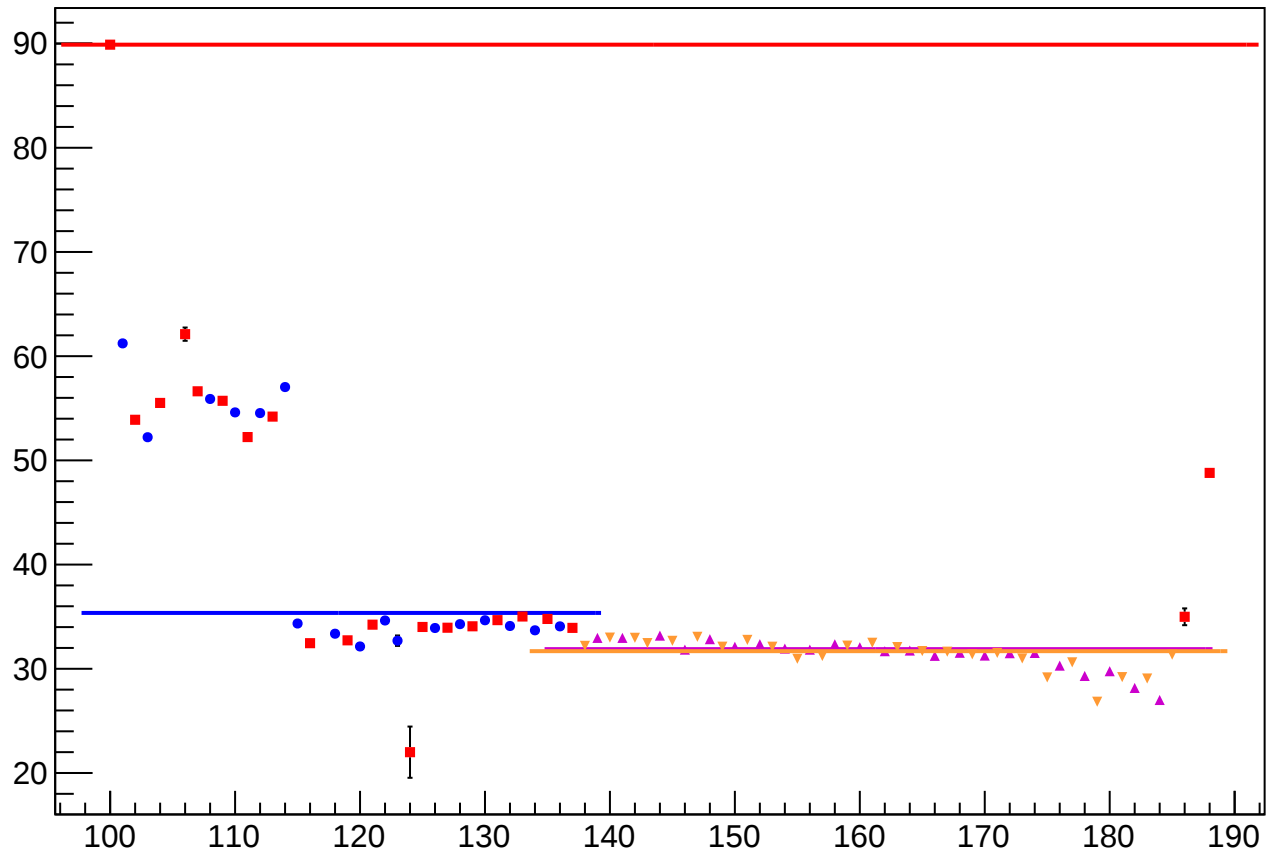
Left In: 0.337 ± 0.001 χ^2/NDF : 4013.5/22

+ 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 : 3498927.4/43

dit_sam5_4aY_slope vs Slug



Right In: 35.361 ± 0.011 $\chi^2/\text{NDF}: 204481.2/16$

Left Out: 31.692 ± 0.003 $\chi^2/\text{NDF}: 68085.3/24$

Right Out: 89.893 ± 0.000 $\chi^2/\text{NDF}: 68699907.8/20$

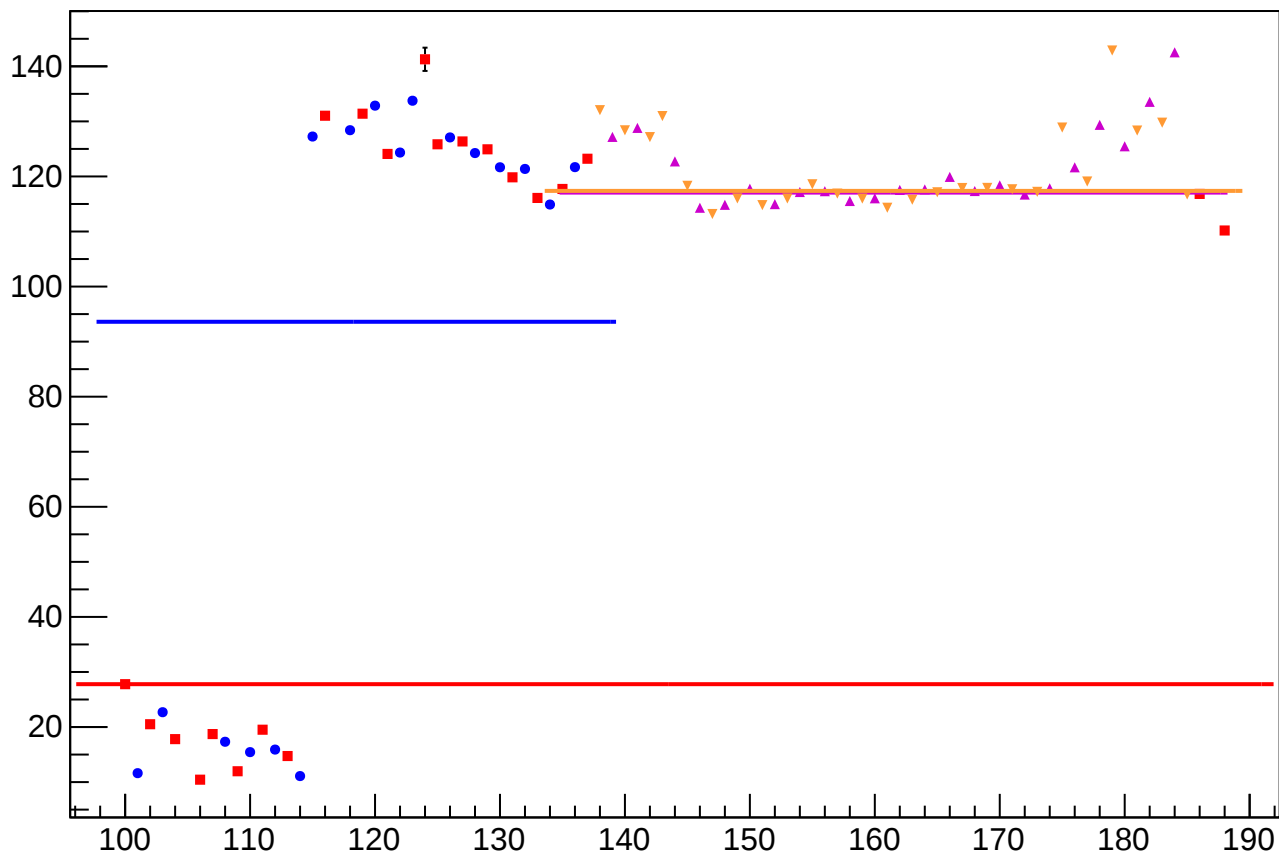
Left In: 31.887 ± 0.004 $\chi^2/\text{NDF}: 33208.8/22$

+ sign 31.955 ± 0.003 $\chi^2/\text{NDF}: 374504.6/41$

All: 89.893 ± 0.000 $\chi^2/\text{NDF}: 707243368.6/85$

- sign 89.893 ± 0.000 $\chi^2/\text{NDF}: 324771276.4/43$

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: 8028253.1/20

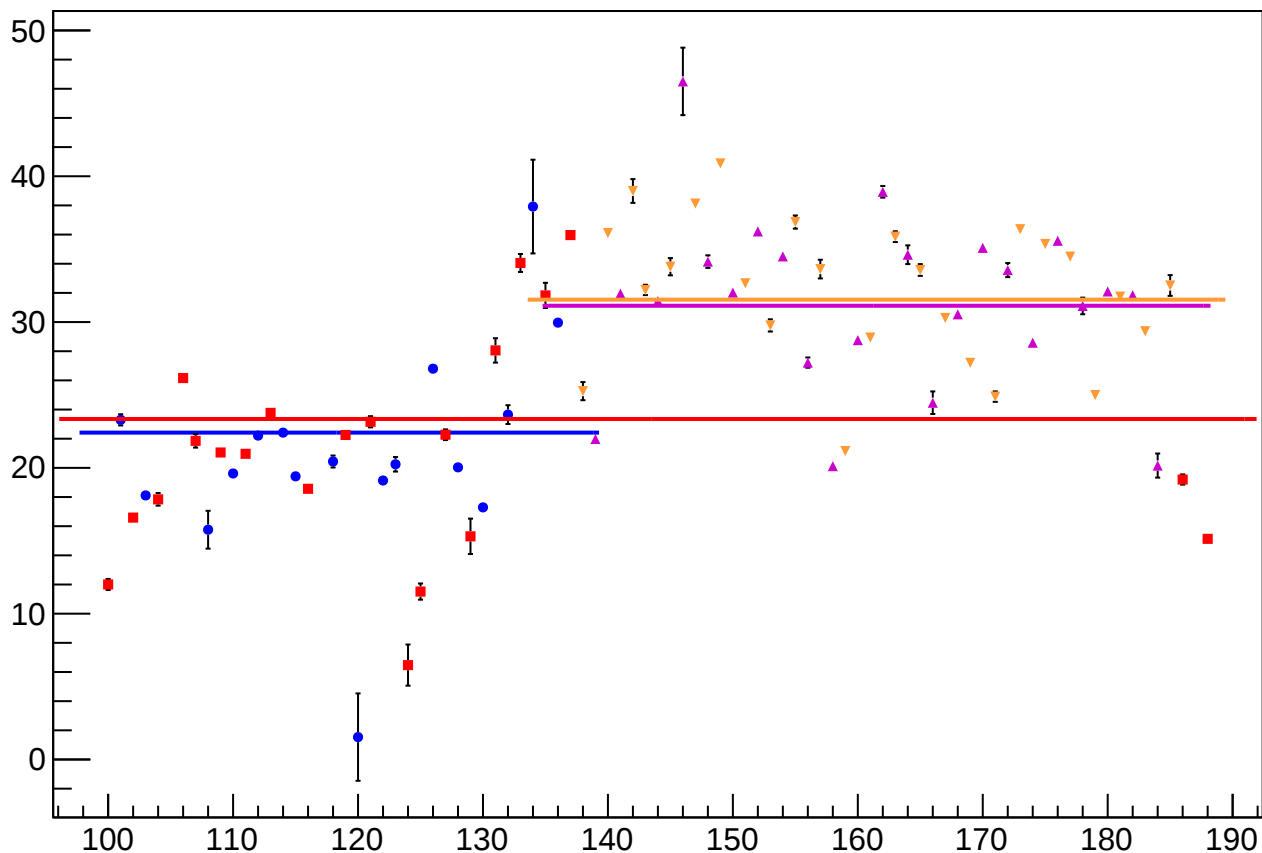
Left In: 117.066 $\pm$ 0.009 χ^2 /NDF: 63800.7/22

+ sign 115.476 $\pm$ 0.008 χ^2 /NDF: 3876867.7/41

All: 27.785 $\pm$ 0.000 χ^2 /NDF: 248676632.5/85

- sign 27.785 $\pm$ 0.000 χ^2 /NDF: 111915893.4/43

dit_sam6_4aX_slope vs Slug



Right In: 22.418+/-0.000 χ^2 /NDF: 3247.9/16

Left Out: 31.536+/-0.061 χ^2 /NDF:6088.7/24

Right Out: 23.353+/-0.055 χ^2 /NDF: 17016.5/20

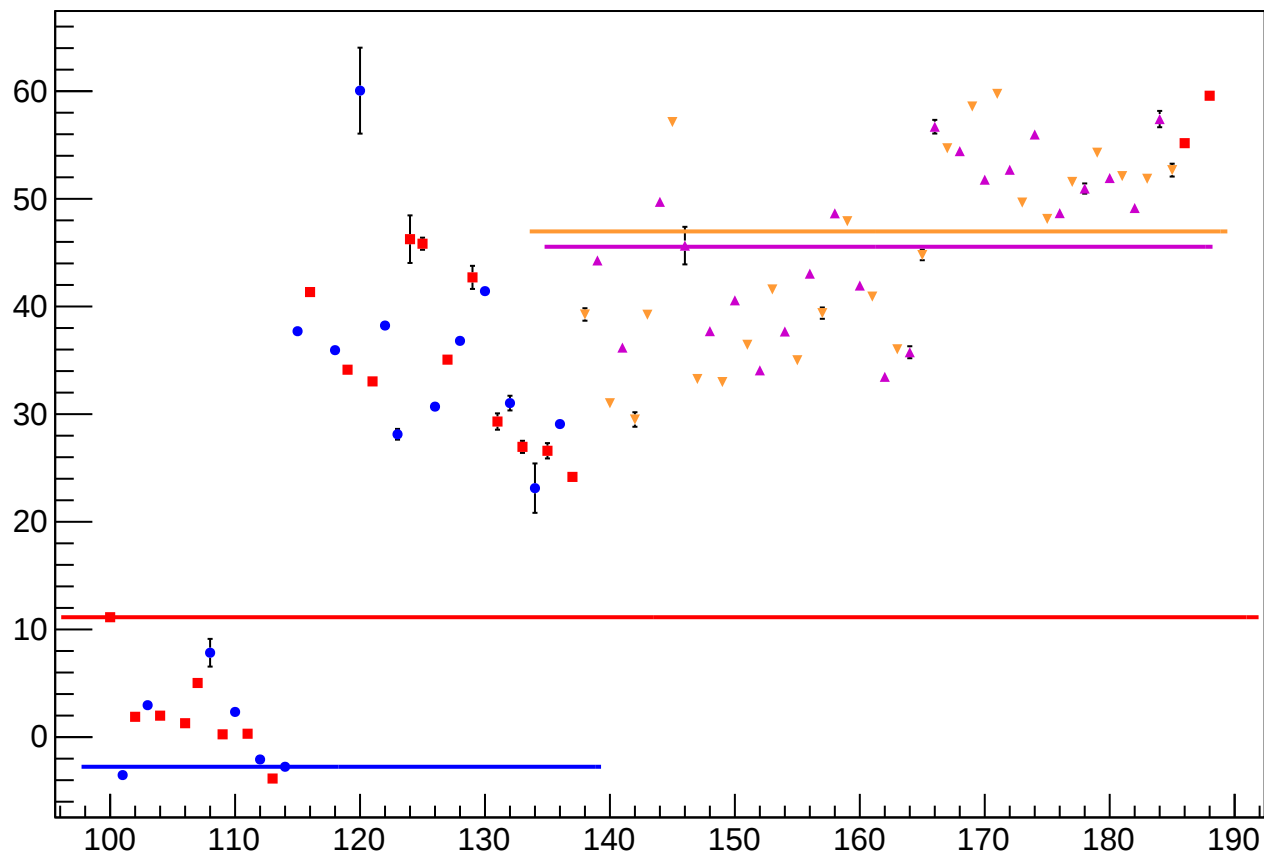
Left In: 31.120+/-0.058 χ^2 /NDF:6111.4/22

+ sign 22.418+/-0.000 χ^2 /NDF: 31502.6/41

All: 22.418+/-0.000 χ^2 /NDF: 77788.5/85

- sign 27.078+/-0.040 χ^2 /NDF: 32609.5/43

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 : 2699412.7/20

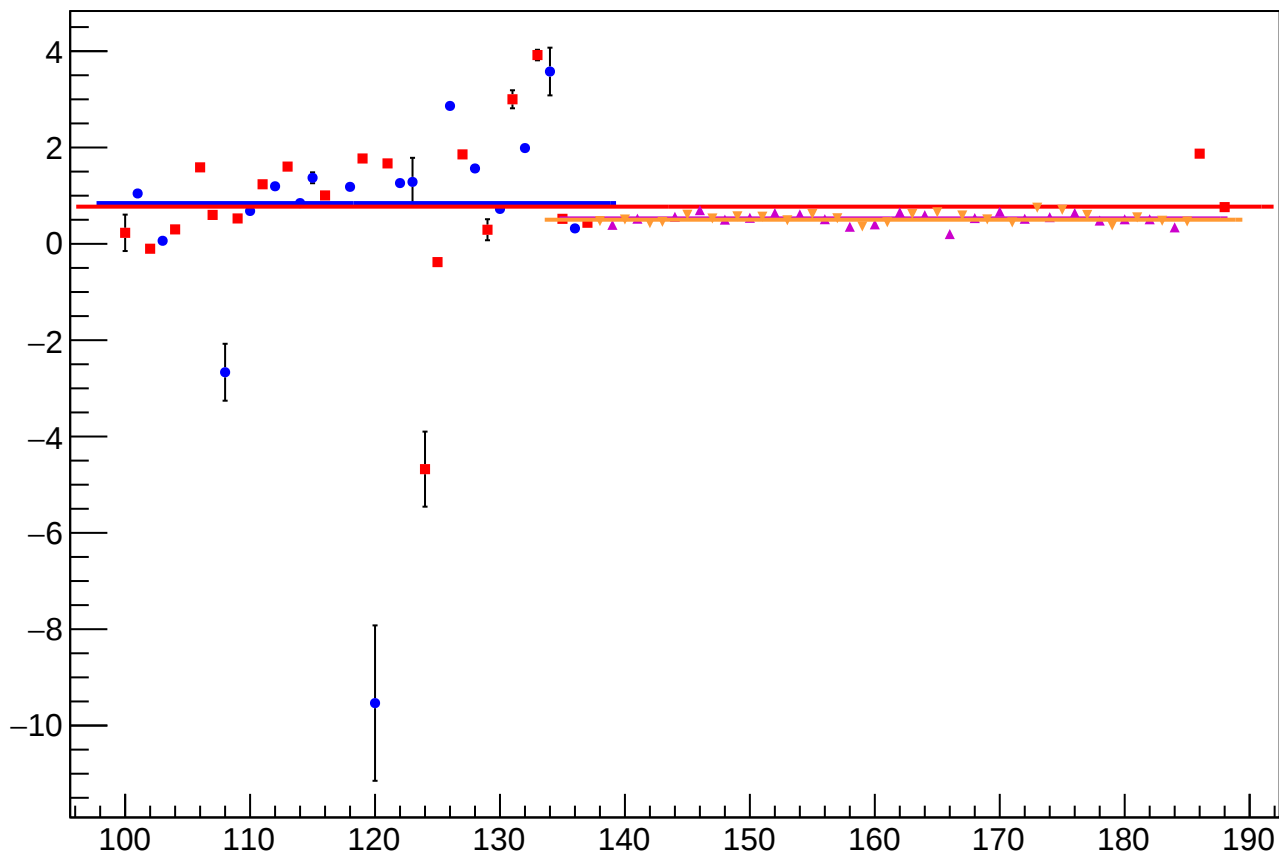
Left In: 45.548 ± 0.049 χ^2/NDF : 19148.5/22

+ 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 : 3205980.1/43

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 : 4356.3/20

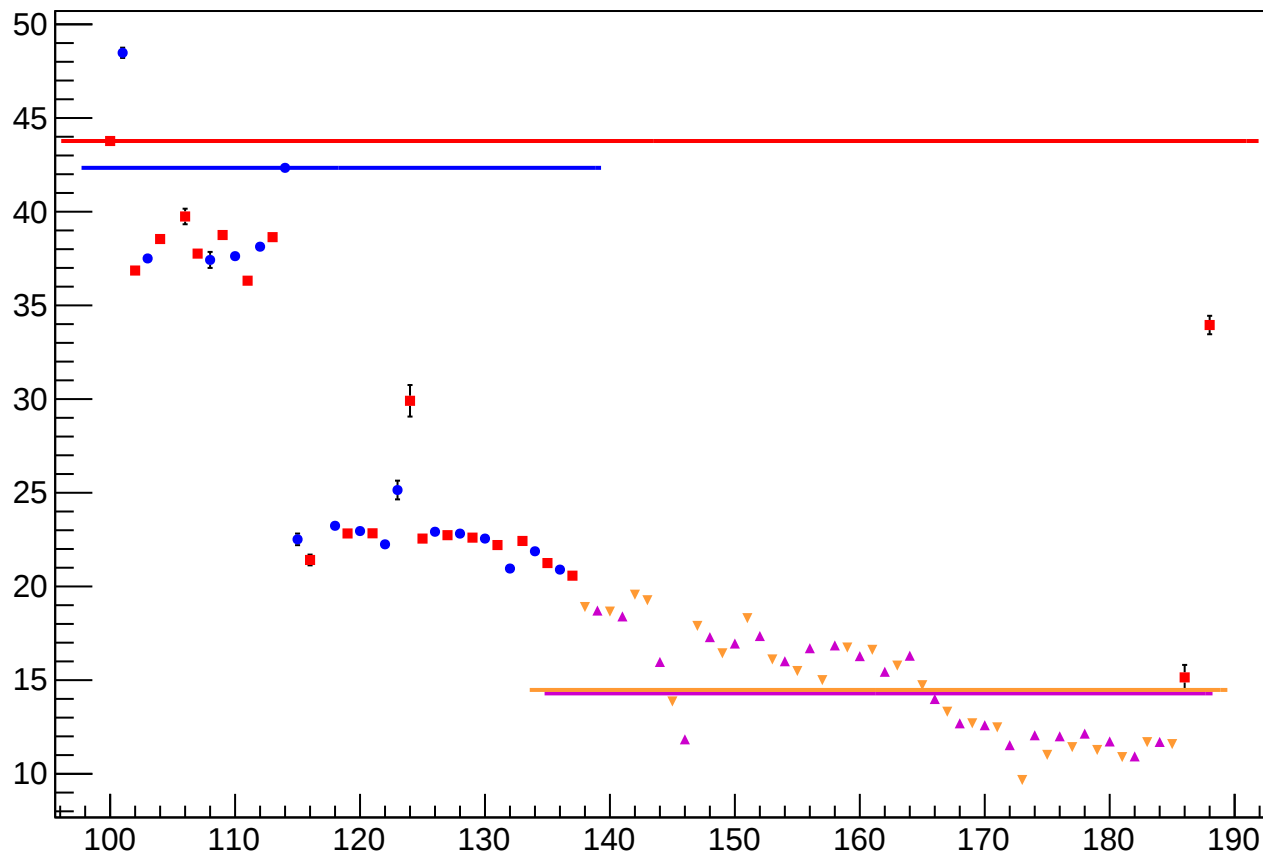
Left In: 0.528 ± 0.001 χ^2/NDF : 12771.0/22

+ sign 0.846 ± 0.000 χ^2/NDF : 167352.7/41

All: 0.846 ± 0.000 χ^2/NDF : 340525.7/85

- sign 0.532 ± 0.001 χ^2/NDF : 18370.4/43

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 : 4582237.8/20

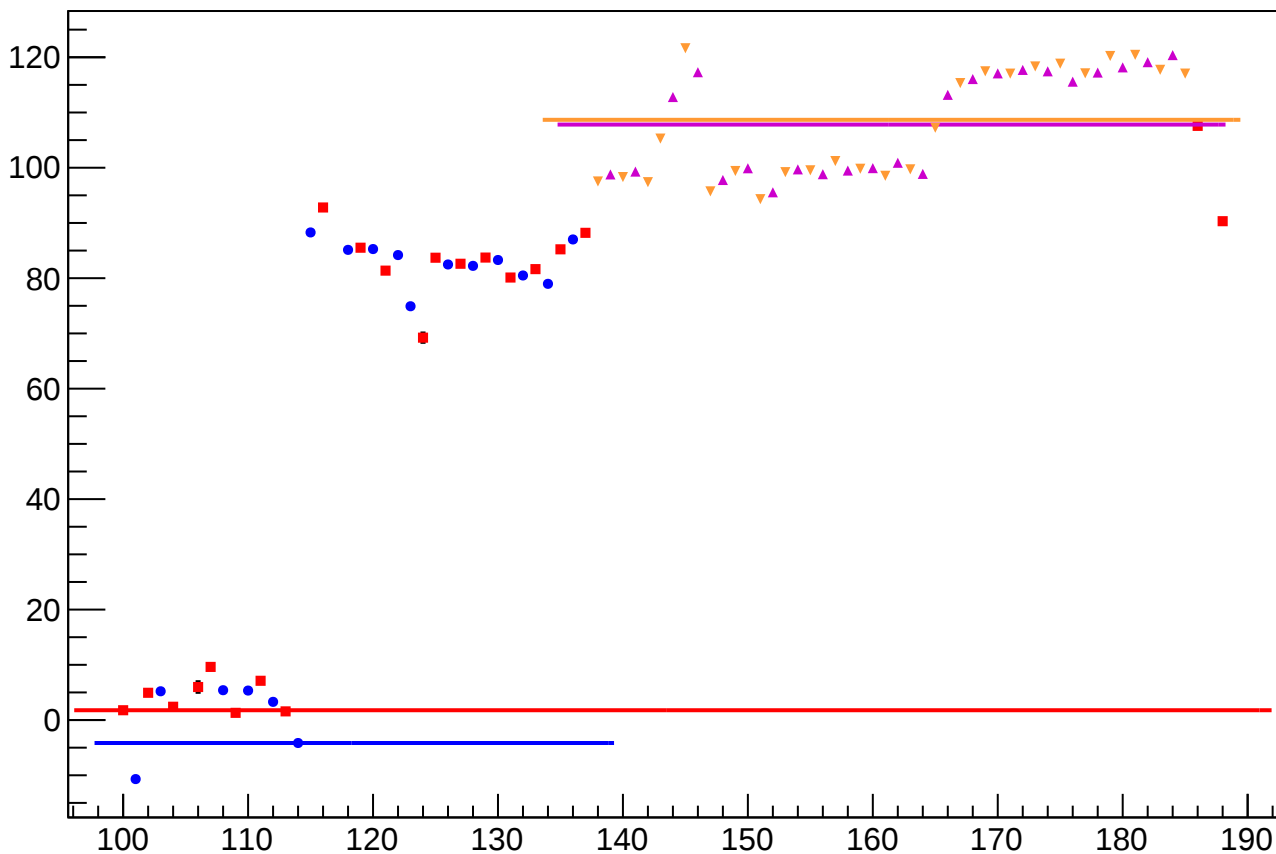
Left In: 14.293+/-0.005 χ^2/NDF : 213936.0/22

+ 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 : 34461290.9/43

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 : 5454491.9/20

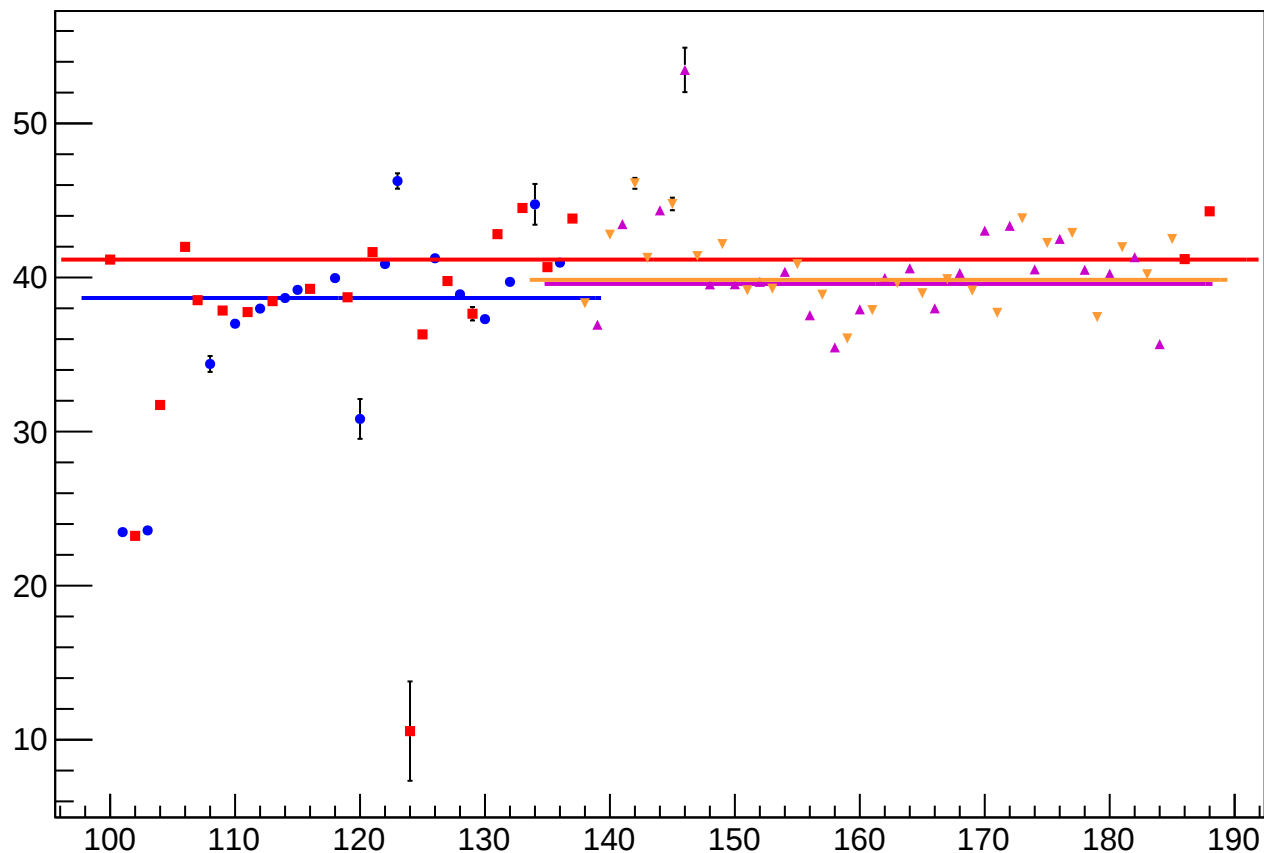
Left In: 107.814+/-0.010 χ^2/NDF : 911439.9/22

+ 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 : 128156434.5/43

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: 38731.6/20

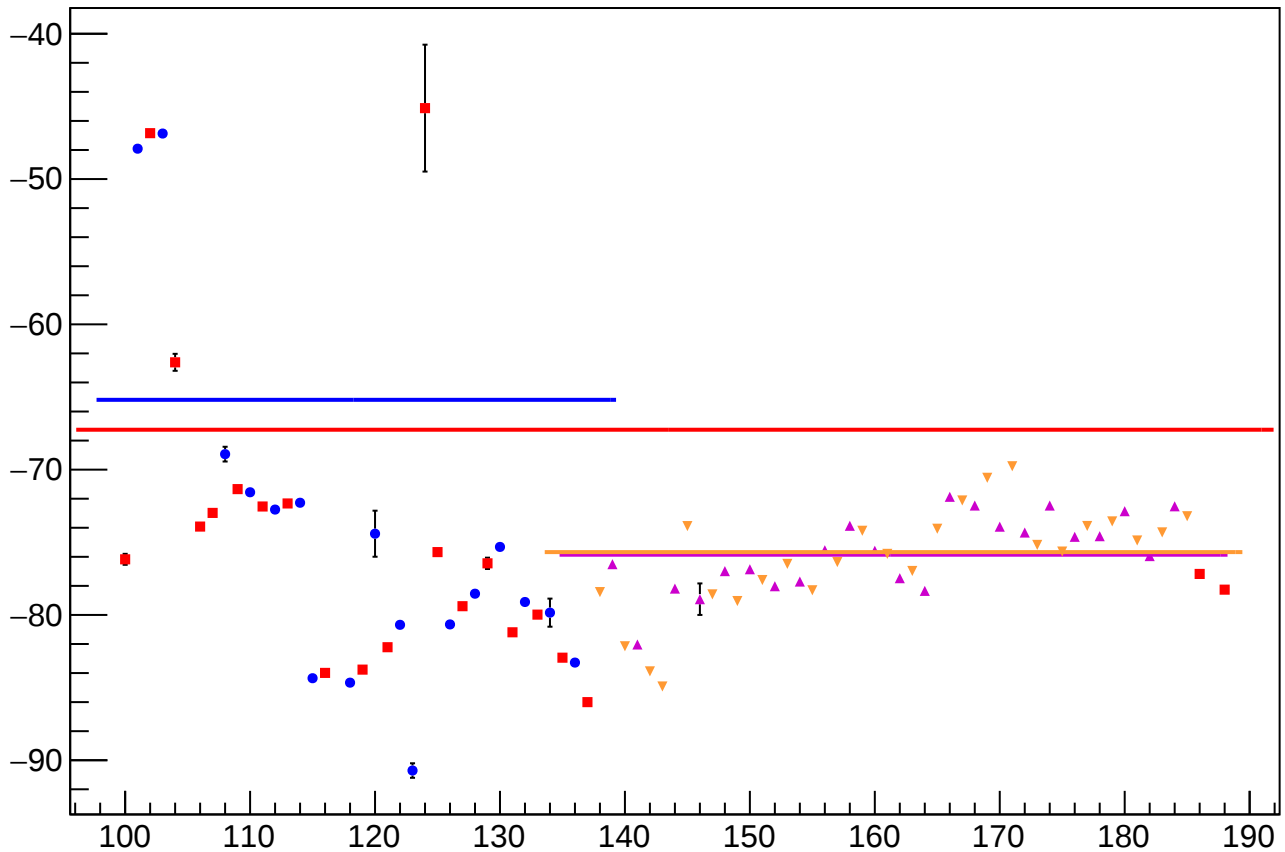
Left In: 39.582+/-0.023 χ^2 /NDF: 9138.0/22

+ 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: 52604.6/43

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: -67.253 ± 0.015 $\chi^2/\text{NDF}: 829227.3/20$

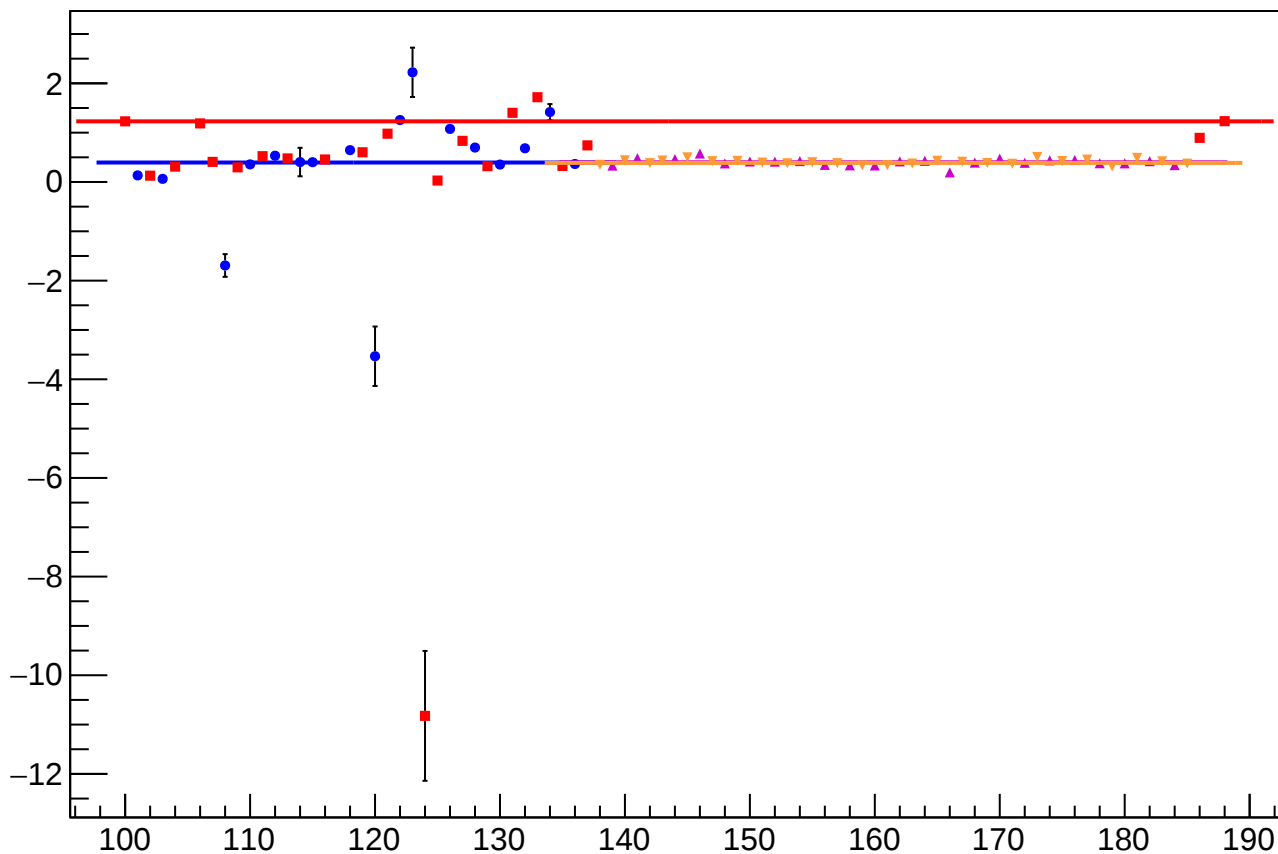
Left In: -75.855 ± 0.019 $\chi^2/\text{NDF}: 12226.9/22$

+ sign -69.620 ± 0.014 $\chi^2/\text{NDF}: 940225.0/41$

All: -70.218 ± 0.009 $\chi^2/\text{NDF}: 1907005.6/85$

- sign -70.649 ± 0.012 $\chi^2/\text{NDF}: 963712.5/43$

dit_sam7_11X12X_slope vs Slug



Right In: 0.395 ± 0.002 χ^2/NDF : 8730.5/16

Left Out: 0.387 ± 0.000 χ^2/NDF : 10552.6/24

Right Out: 1.230 ± 0.000 χ^2/NDF : 48976.7/20

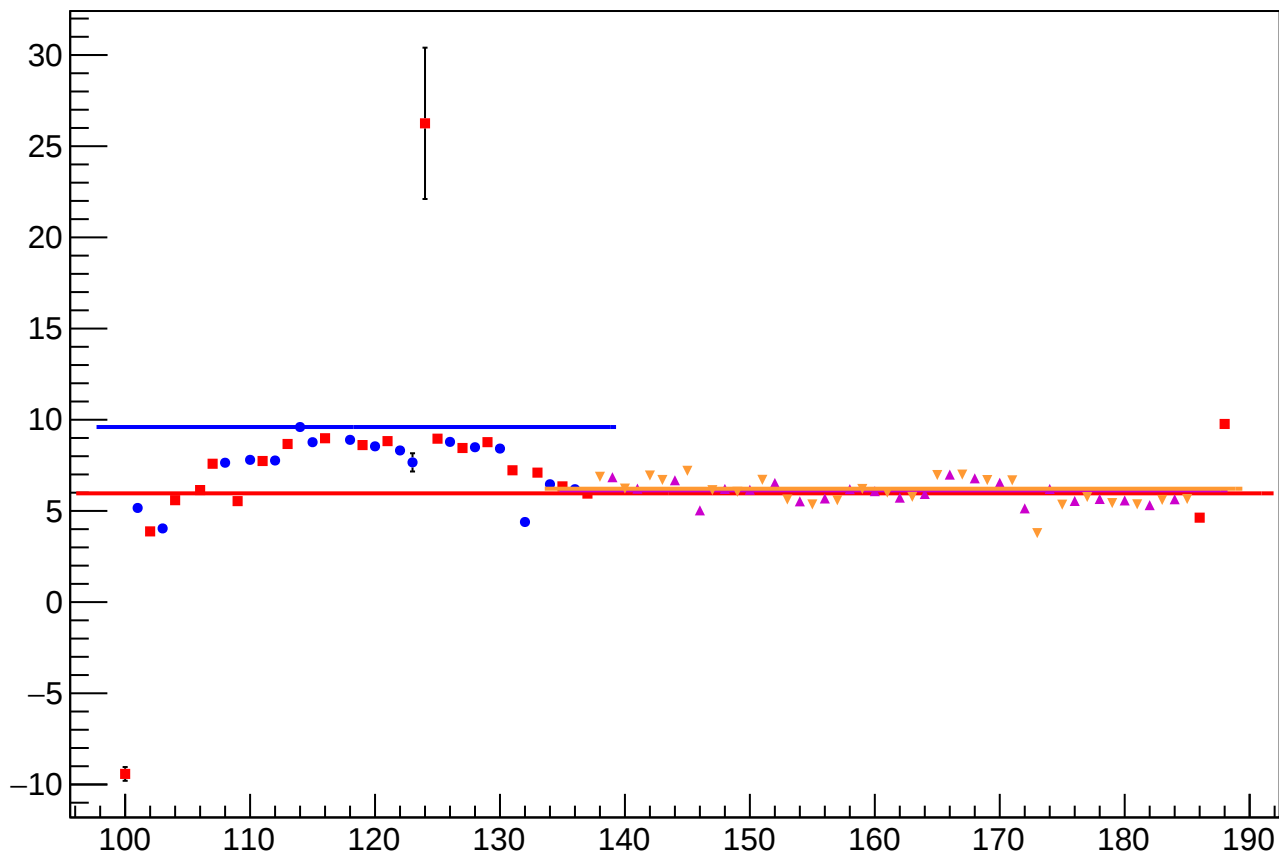
Left In: 0.399 ± 0.000 χ^2/NDF : 8983.2/22

+ sign 0.388 ± 0.000 χ^2/NDF : 19295.3/41

All: 1.230 ± 0.000 χ^2/NDF : 6879217.6/85

- sign 1.230 ± 0.000 χ^2/NDF : 3377563.8/43

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: 210287.2/20

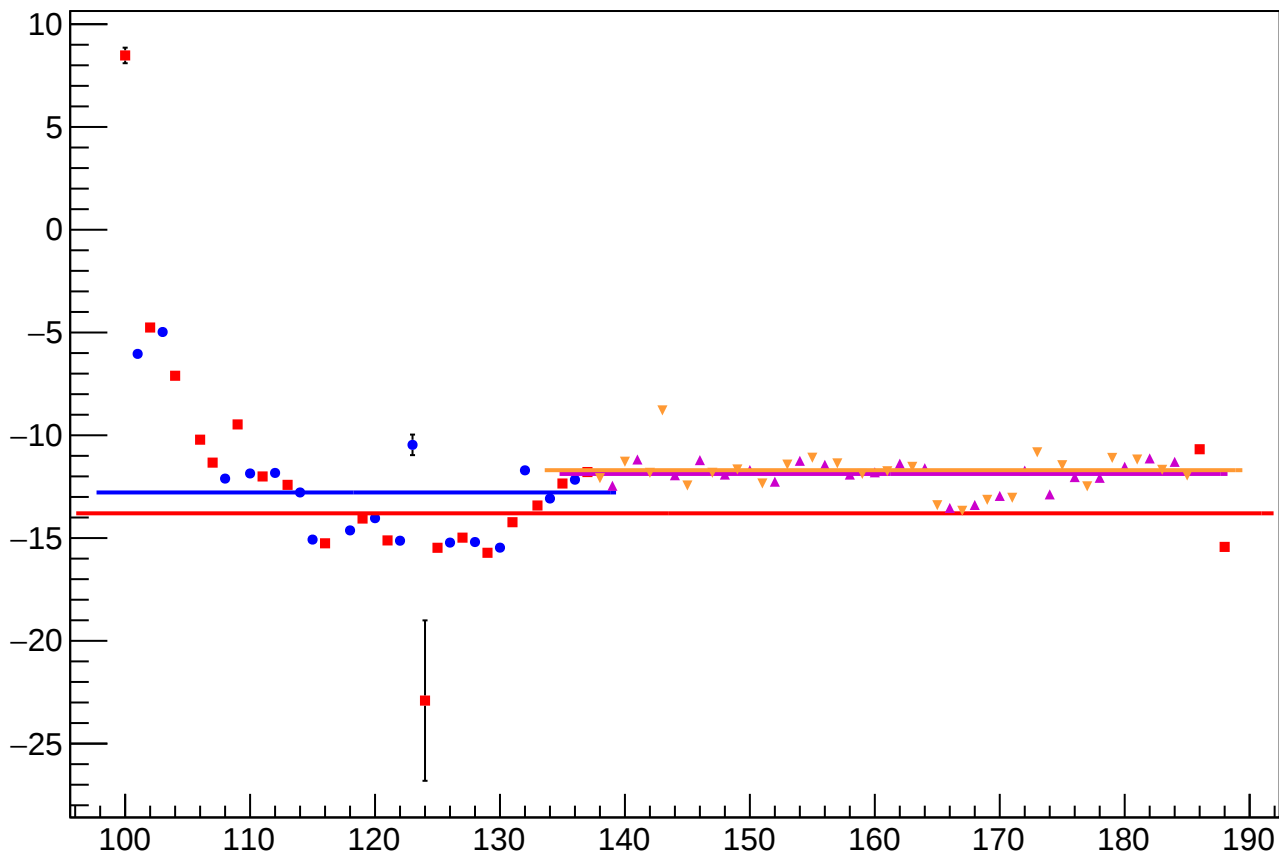
Left In: 6.128 $\pm$ 0.002 χ^2 /NDF:56126.9/22

+ sign 9.601 $\pm$ 0.000 χ^2 /NDF: 5440552.4/41

All: 9.601 $\pm$ 0.000 χ^2 /NDF: 90689402.5/85

- sign 5.975 $\pm$ 0.000 χ^2 /NDF: 277440.2/43

dit_sam7_4eY_slope vs Slug



Right In: -12.781 $\pm$ 0.000 χ^2 /NDF: 122716.4/16

Left Out: -11.698 $\pm$ 0.002 χ^2 /NDF: 313736.8/24

Right Out: -13.796 $\pm$ 0.005 χ^2 /NDF: 80212.9/20

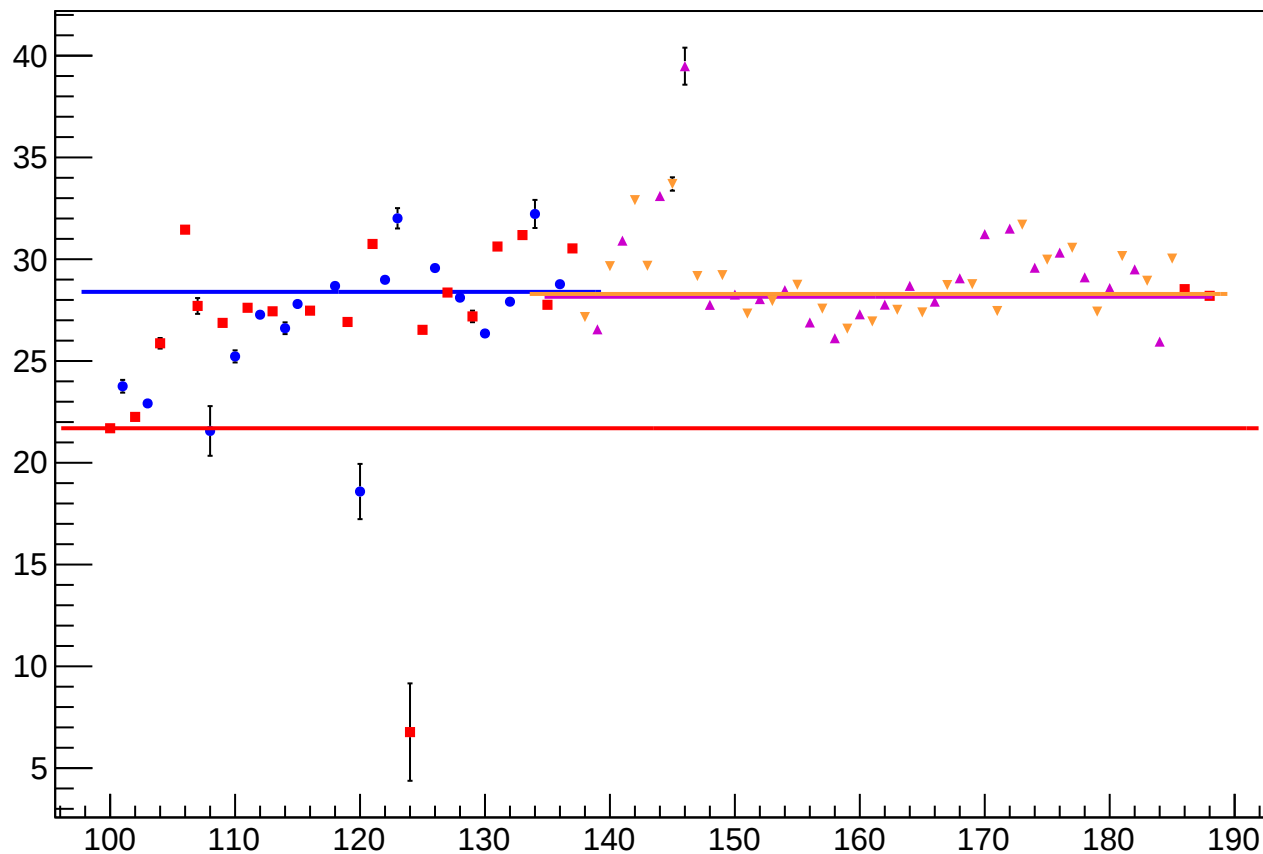
Left In: -11.880 $\pm$ 0.002 χ^2 /NDF: 66782.1/22

+ sign -12.781 $\pm$ 0.000 χ^2 /NDF: 705873.1/41

All: -12.781 $\pm$ 0.000 χ^2 /NDF: 1073419.9/85

- sign -12.137 $\pm$ 0.002 χ^2 /NDF: 258530.0/43

dit_sam8_4aX_slope vs Slug



Right In: 28.396 ± 0.024 $\chi^2/\text{NDF}: 3440.8/16$

Left Out: 28.294 ± 0.018 $\chi^2/\text{NDF}: 6787.0/24$

Right Out: 21.696 ± 0.000 $\chi^2/\text{NDF}: 55165.9/20$

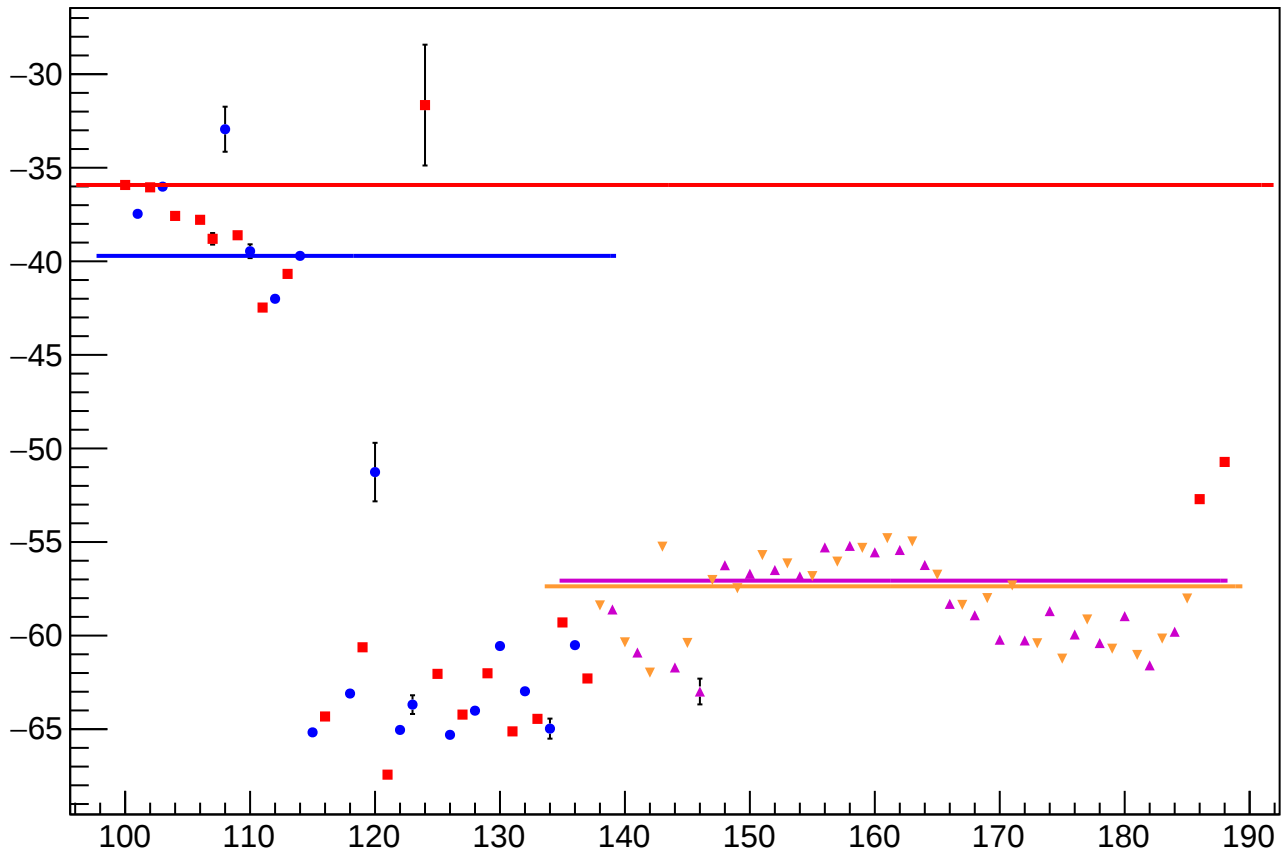
Left In: 28.156 ± 0.015 $\chi^2/\text{NDF}: 9251.0/22$

+ sign 28.329 ± 0.014 $\chi^2/\text{NDF}: 10239.4/41$

All: 21.696 ± 0.000 $\chi^2/\text{NDF}: 482618.7/85$

- sign 21.696 ± 0.000 $\chi^2/\text{NDF}: 257126.1/43$

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 $\chi^2/\text{NDF}: 870545.9/20$

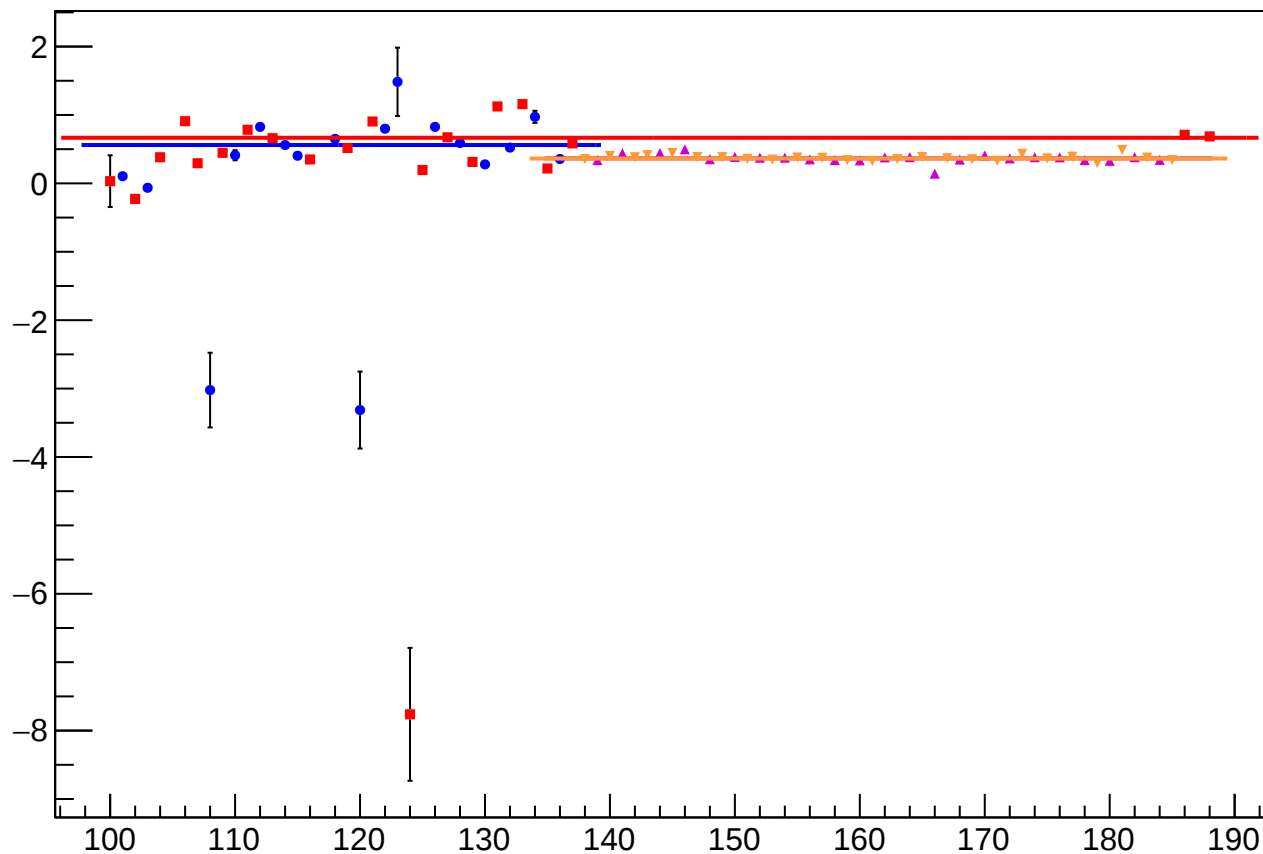
Left In: -57.064 ± 0.013 $\chi^2/\text{NDF}: 19679.5/22$

+ 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 $\chi^2/\text{NDF}: 3661132.6/43$

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+/-0.004 χ^2/NDF : 3783.6/20

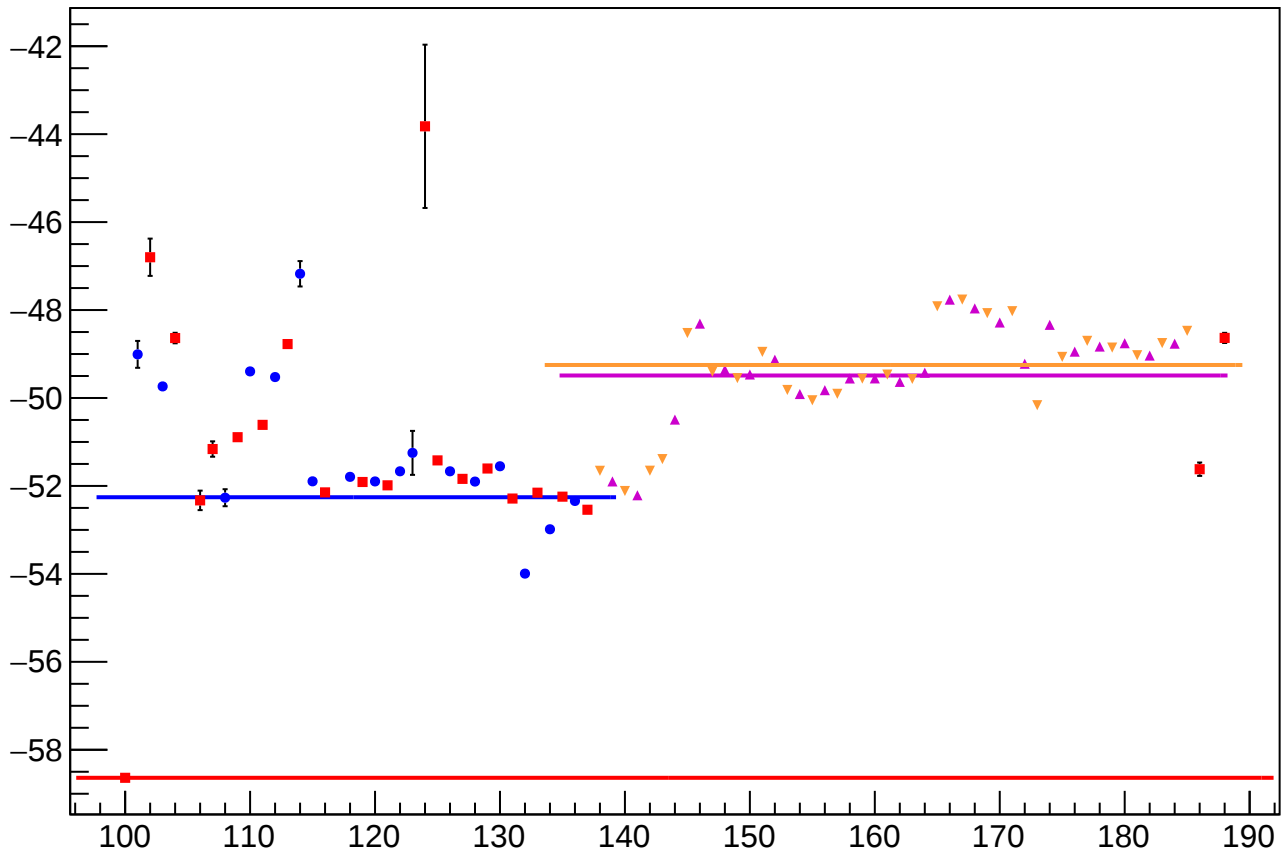
Left In: 0.365+/-0.000 χ^2/NDF : 6174.1/22

+ sign 0.561+/-0.000 χ^2/NDF : 364498.8/41

All: 0.561+/-0.000 χ^2/NDF : 725636.9/85

- sign 0.367+/-0.000 χ^2/NDF : 14447.8/43

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 : 31290417.0/20

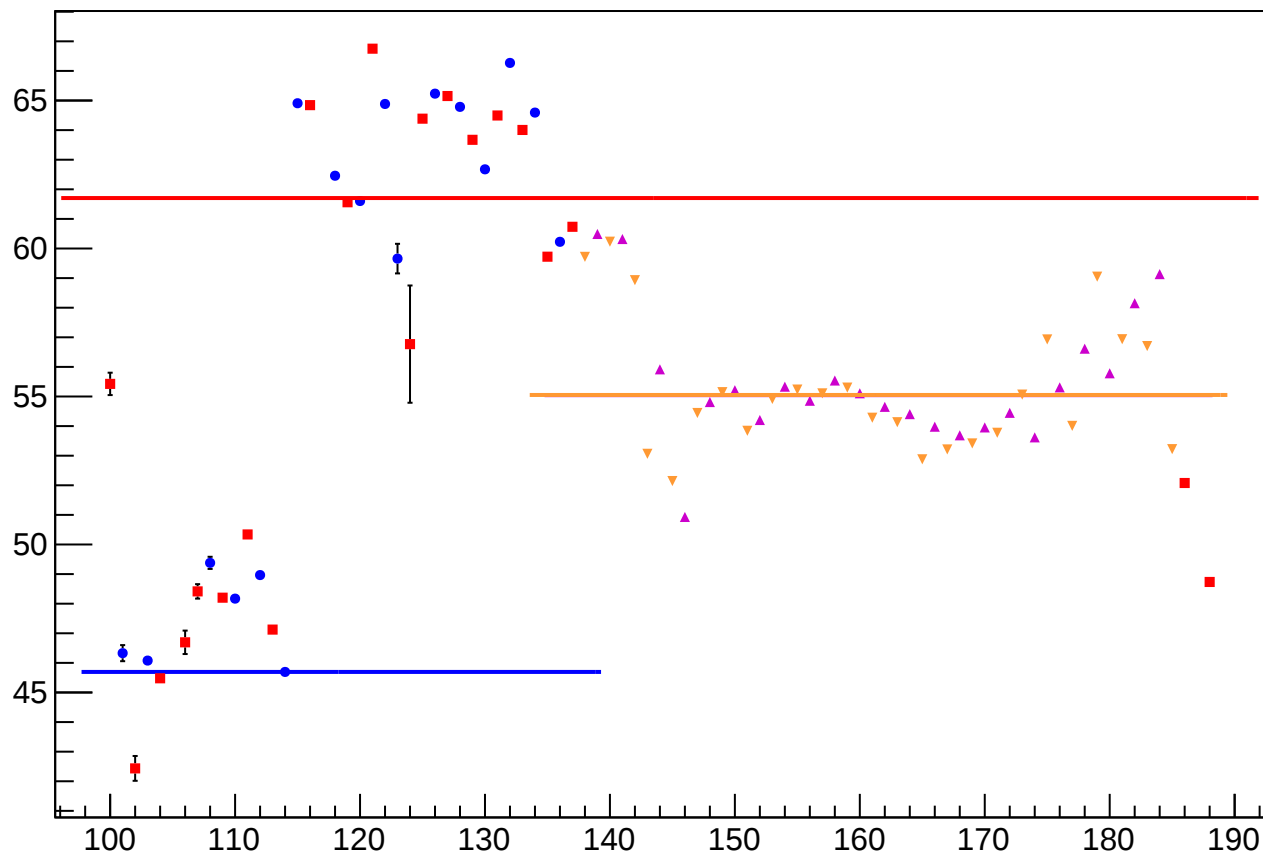
Left In: -49.488+/-0.001 χ^2/NDF : 431523.8/22

+ sign -49.625+/-0.001 χ^2/NDF : 1113326.9/41

All: -58.637+/-0.000 χ^2/NDF : 124627695.3/8

- sign -58.637+/-0.000 χ^2/NDF : 74546546.0/43

dit_sam8_4eY_slope vs Slug



Right In: 45.694 ± 0.000 $\chi^2/\text{NDF}: 3571709.5/16$

Left Out: 55.052 ± 0.003 $\chi^2/\text{NDF}: 373445.7/24$

Right Out: 61.705 ± 0.006 $\chi^2/\text{NDF}: 277051.6/20$

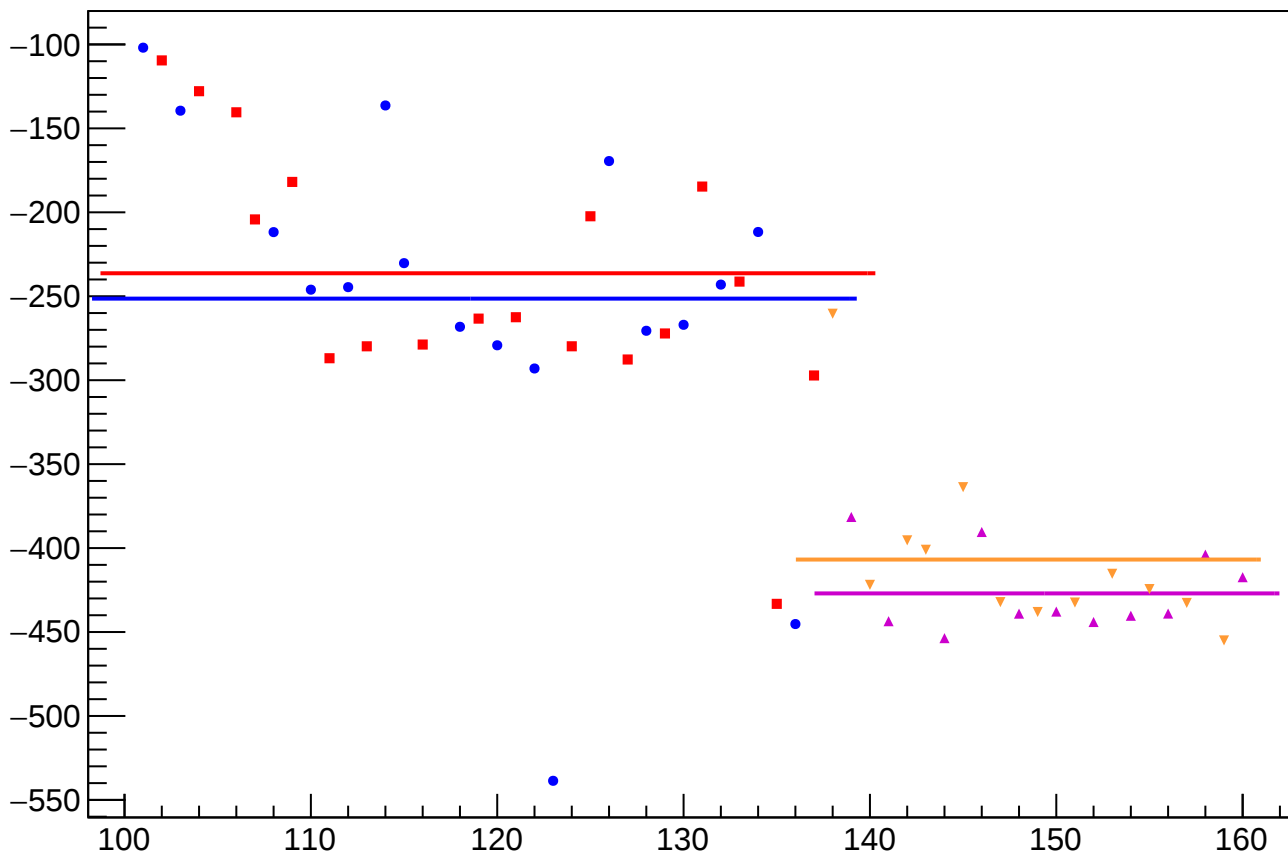
Left In: 55.045 ± 0.003 $\chi^2/\text{NDF}: 88930.1/22$

+ sign 45.694 ± 0.000 $\chi^2/\text{NDF}: 13012406.8/41$

All: 45.694 ± 0.000 $\chi^2/\text{NDF}: 30374374.7/85$

- sign 56.168 ± 0.003 $\chi^2/\text{NDF}: 1277680.4/43$

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

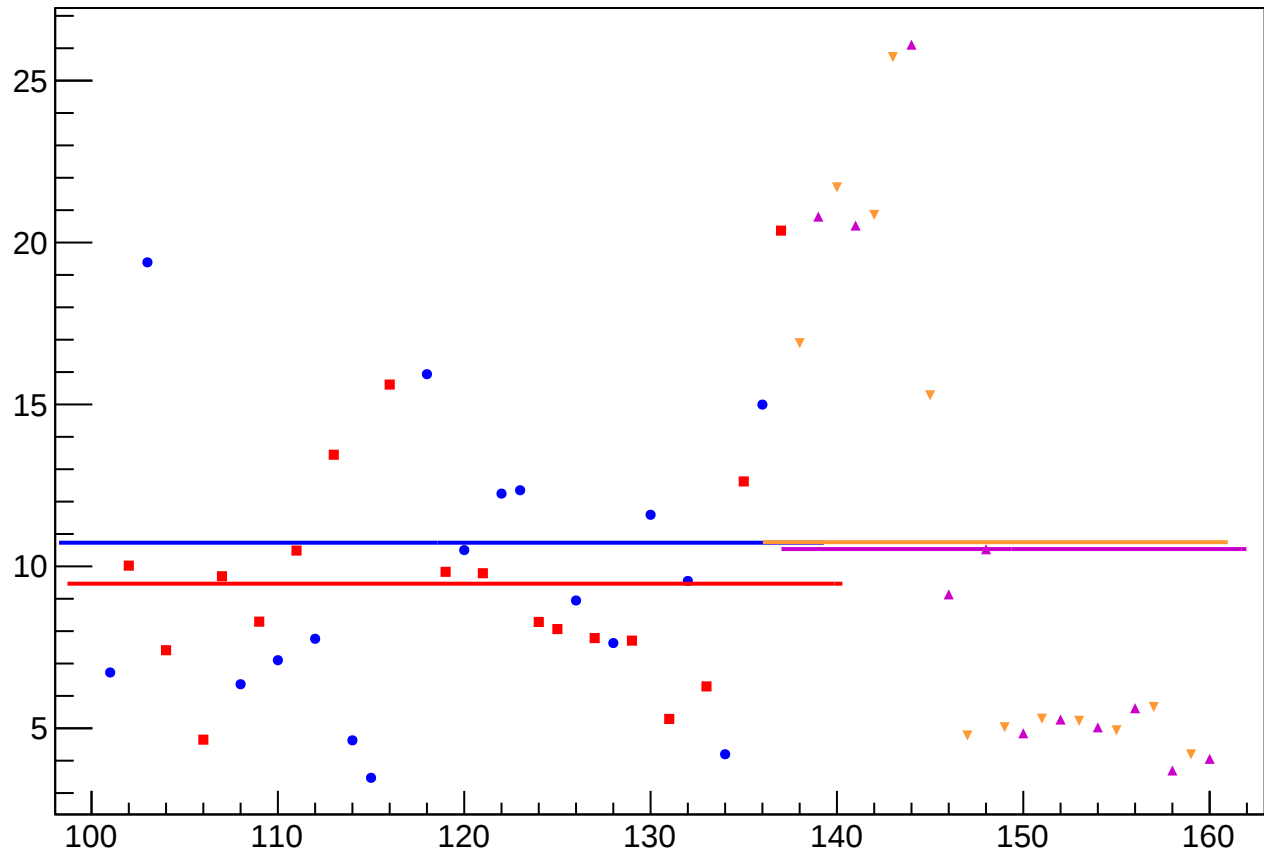
Left In: -426.999+/-0.000 χ^2/NDF : 491897519091150809282810233728532480.0/10

+ sign -339.543+/-0.000 χ^2/NDF : 18177302415444

All: -341.937+/-0.000 χ^2/NDF : 37990848197

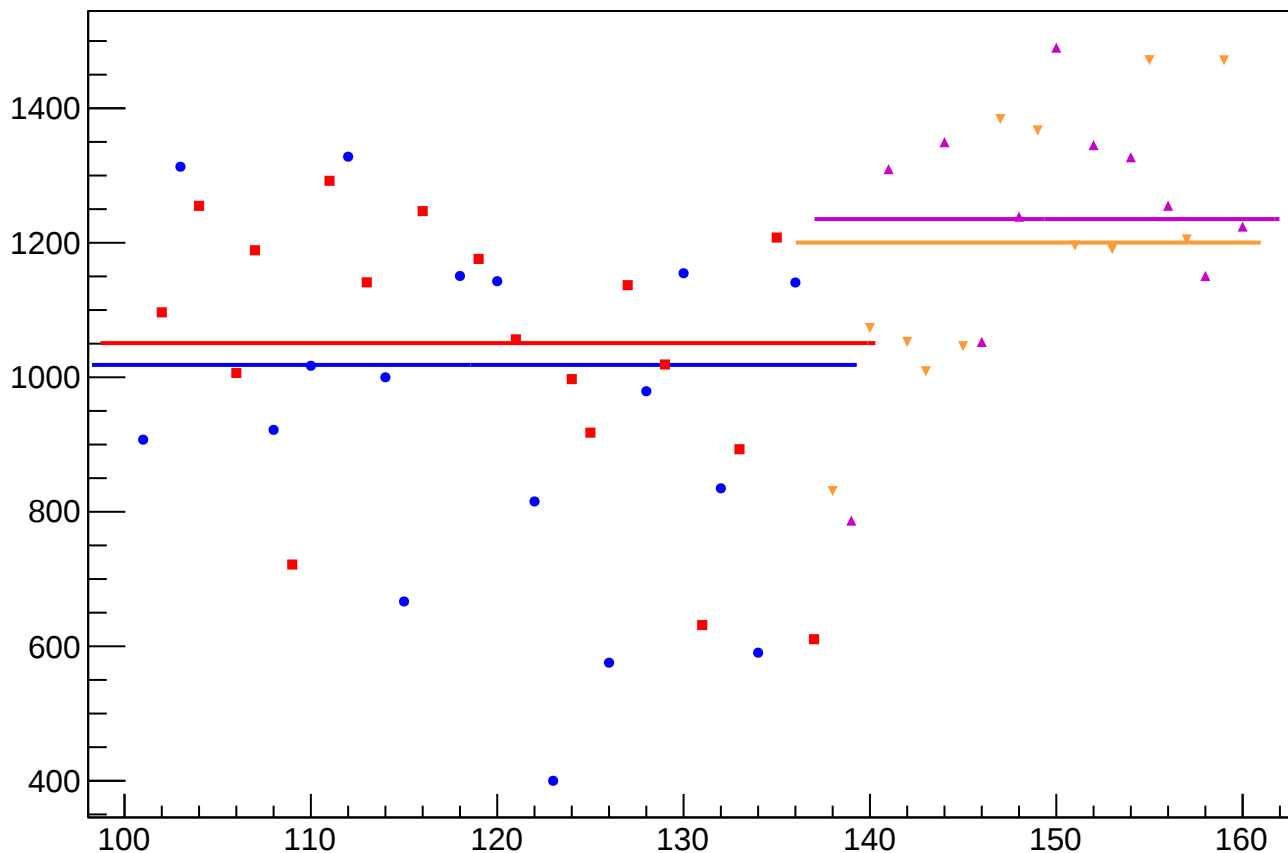
- sign -344.265+/-0.000 χ^2/NDF : 197954301913054

dit_4aX_coil1_err_mean vs Slug



Right In: 10.731 $\pm$ 0.000 χ^2/NDF : 12832156832660883988585211297267712.0/16
 Left Out: 10.747 $\pm$ 0.000 χ^2/NDF : 52568555520200298220372681258172416.0/11
 Right Out: 9.465 $\pm$ 0.000 χ^2/NDF : 6964289429474711338503750841008128.0/17
 Left In: 10.535 $\pm$ 0.000 χ^2/NDF : 56030306294181725597372333160398848.0/10

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

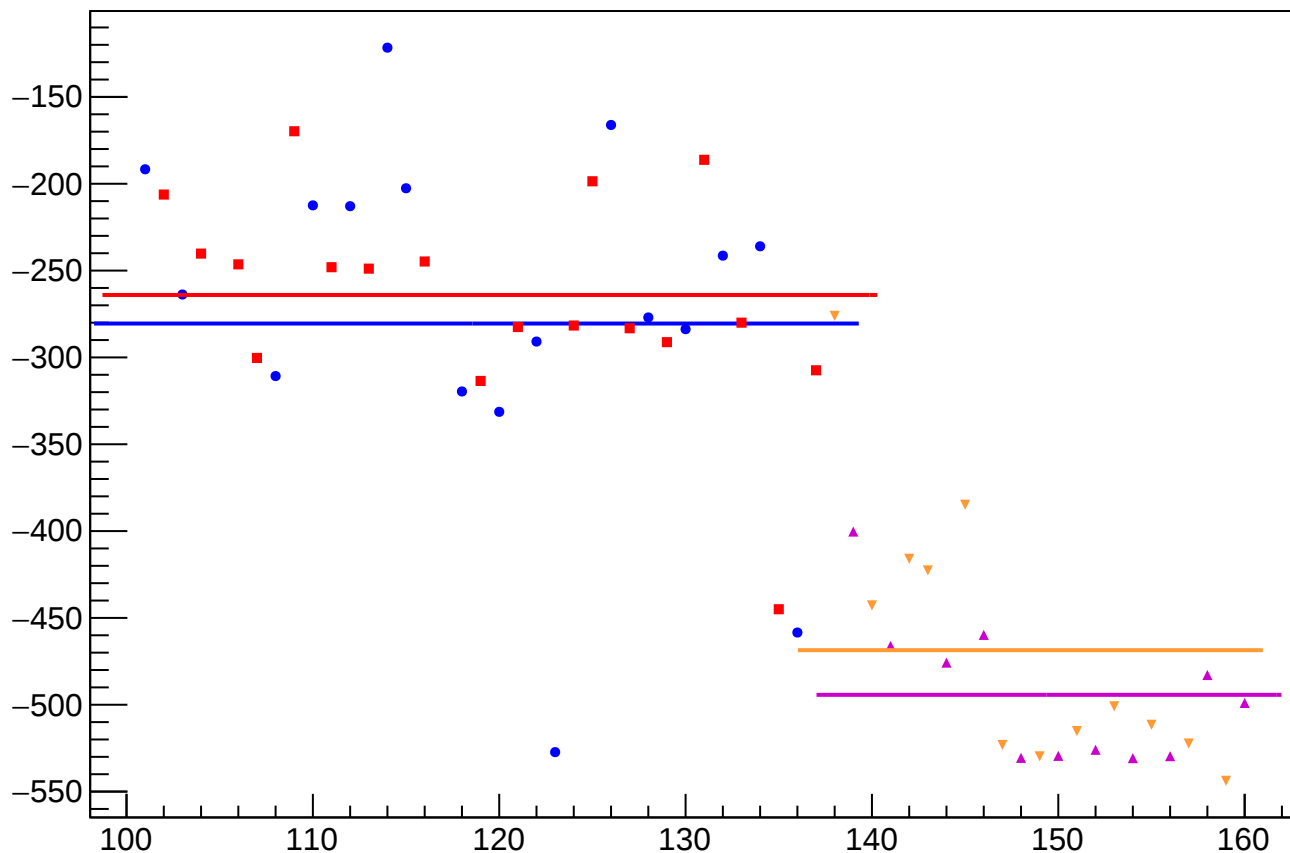
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

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

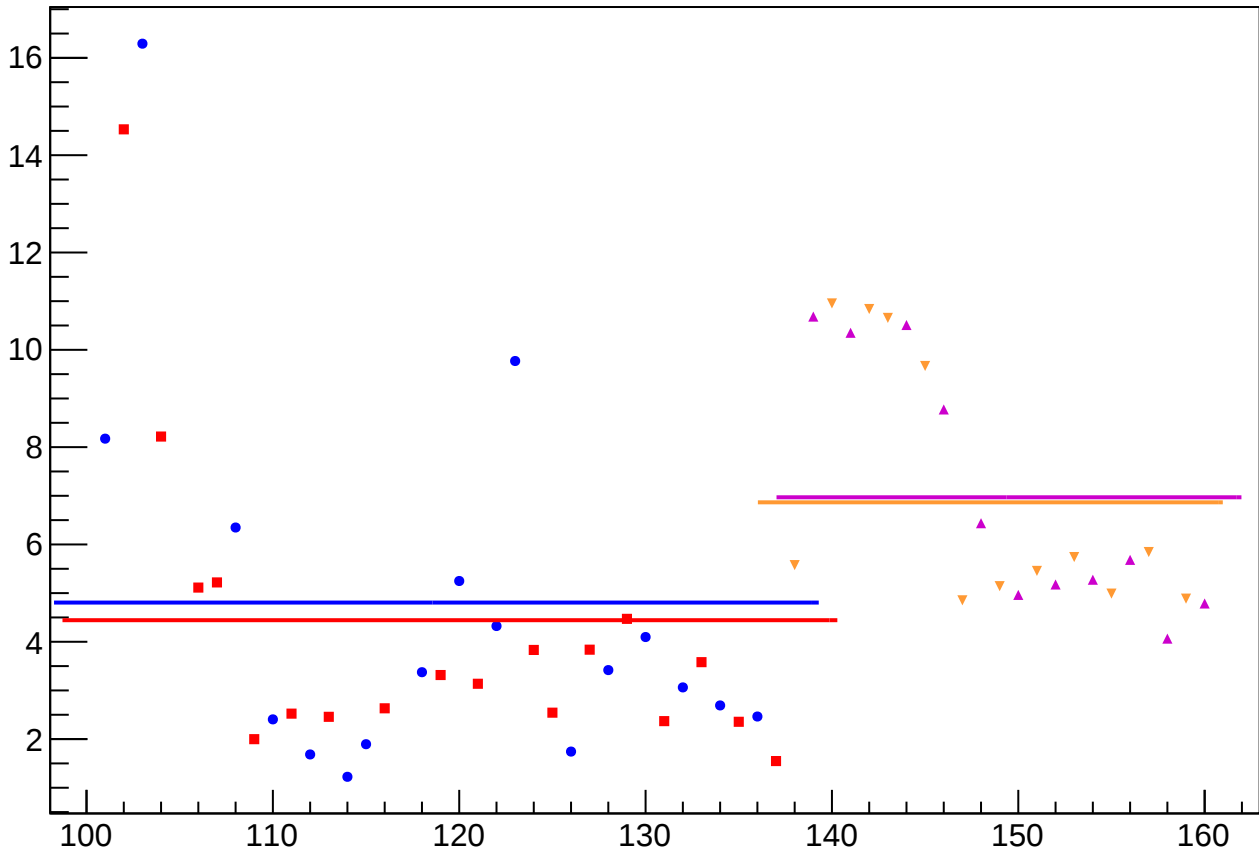
Left In: -494.291+/-0.000 χ^2/NDF : 1453739025414967917322489885861347328.0/10

+ 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



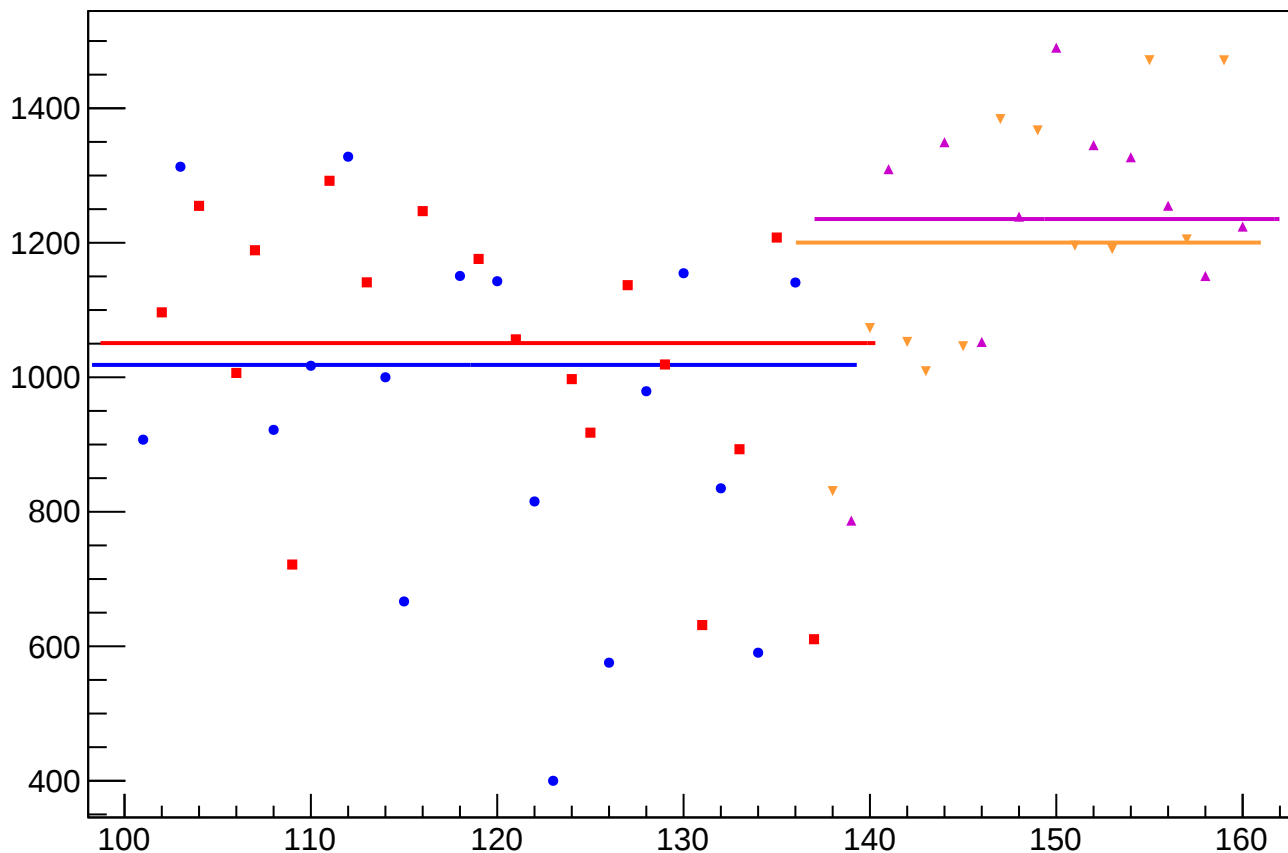
Right In: 4.806+/-0.000 χ^2/NDF : 10922956451109492621931429310234624.0/16

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

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

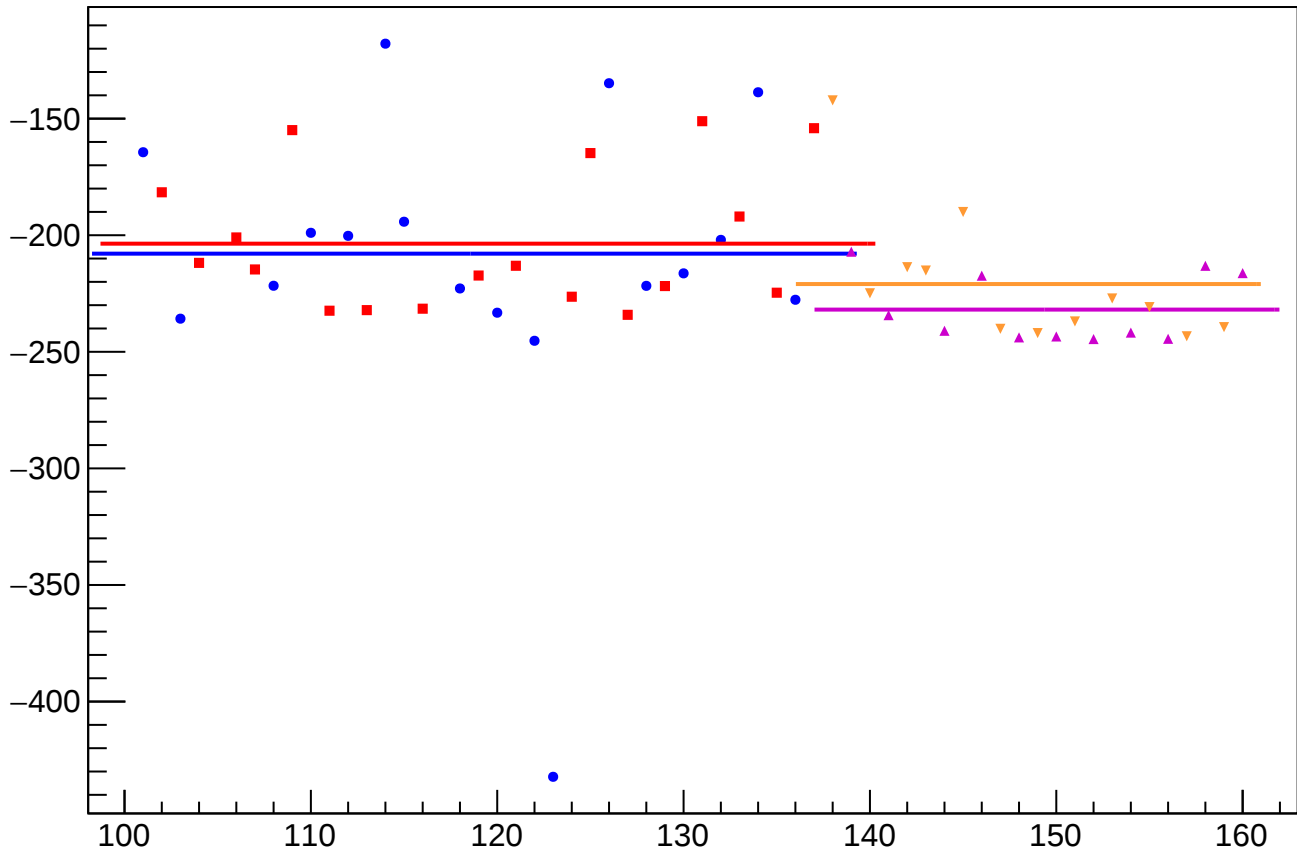
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

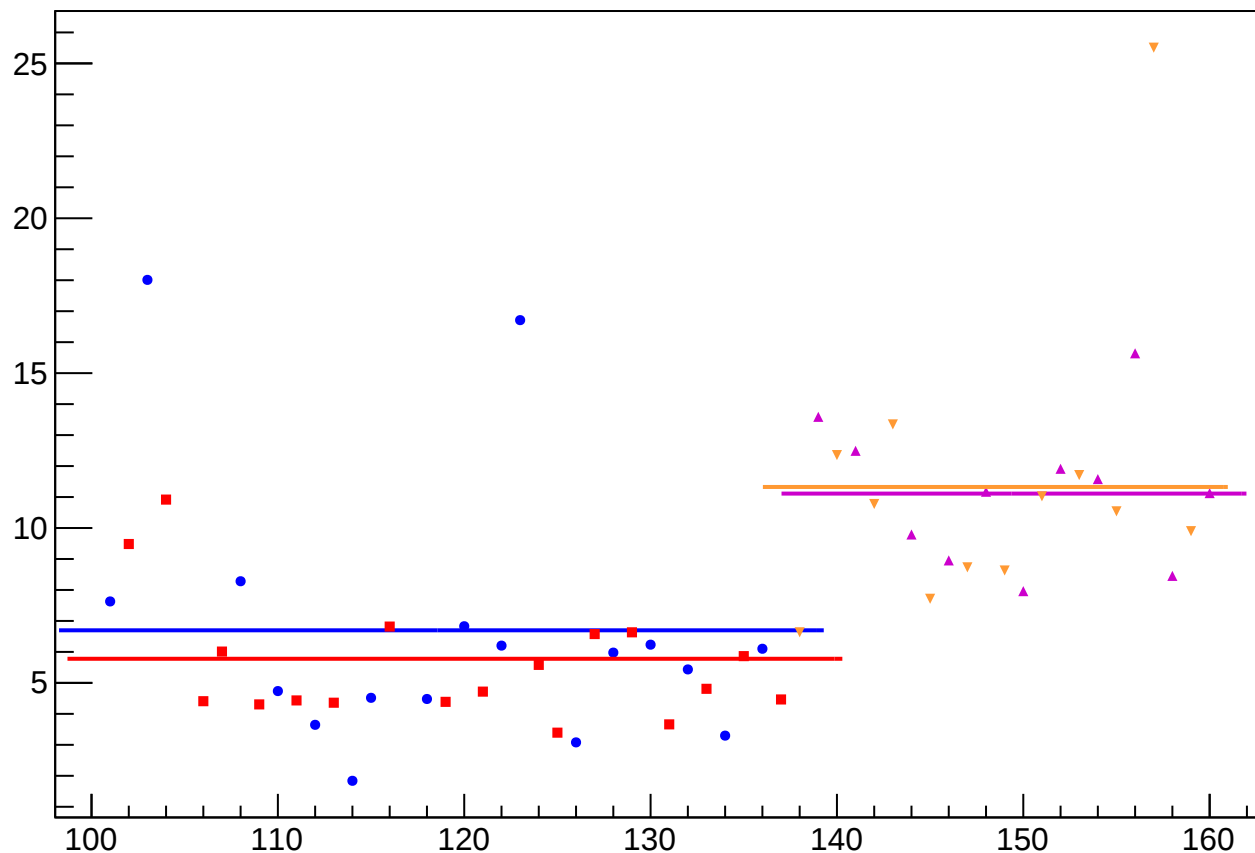
All: 1138.646+/-0.000 χ^2/NDF : 15044351621

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
 All: -217.492 ± 0.000 χ^2/NDF : 28023296539
 + sign -215.295 ± 0.000 χ^2/NDF : 17247724596124
 - sign -219.629 ± 0.000 χ^2/NDF : 106229854810720

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.697 $\pm$ 0.000 χ^2 /NDF: 10220265362684500644667484757032960.0/16

Left Out: 11.325 $\pm$ 0.000 χ^2 /NDF: 19360042625652449313367034255376384.0/11

Right Out: 5.778 $\pm$ 0.000 χ^2 /NDF: 3154580715579075896881670619398144.0/17

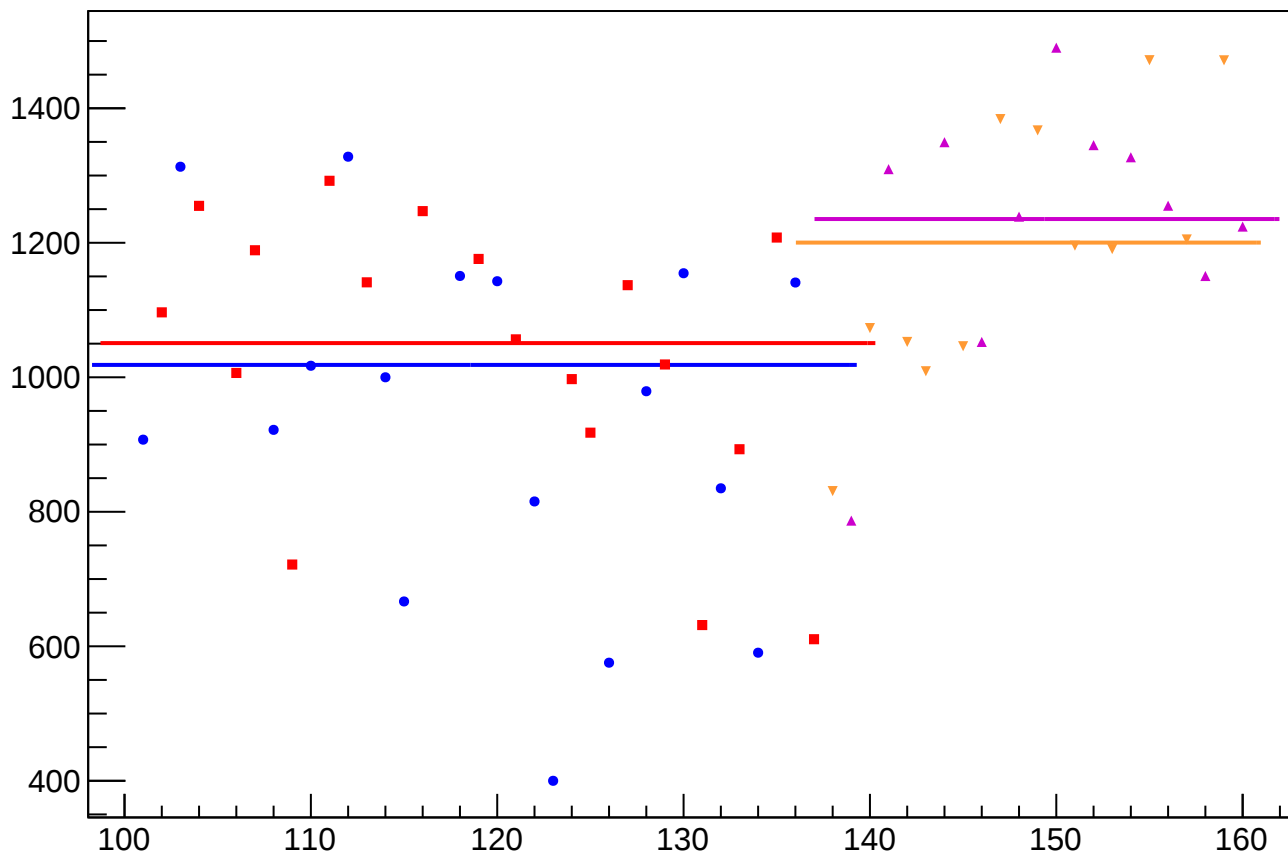
Left In: 11.111 $\pm$ 0.000 χ^2 /NDF: 4392167277443947568386278164529152.0/10

+ sign 9.322 $\pm$ 0.000 χ^2 /NDF: 38008187746633250

All: 9.056 $\pm$ 0.000 χ^2 /NDF: 57290015825980

- sign 8.798 $\pm$ 0.000 χ^2 /NDF: 19058642886632659

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

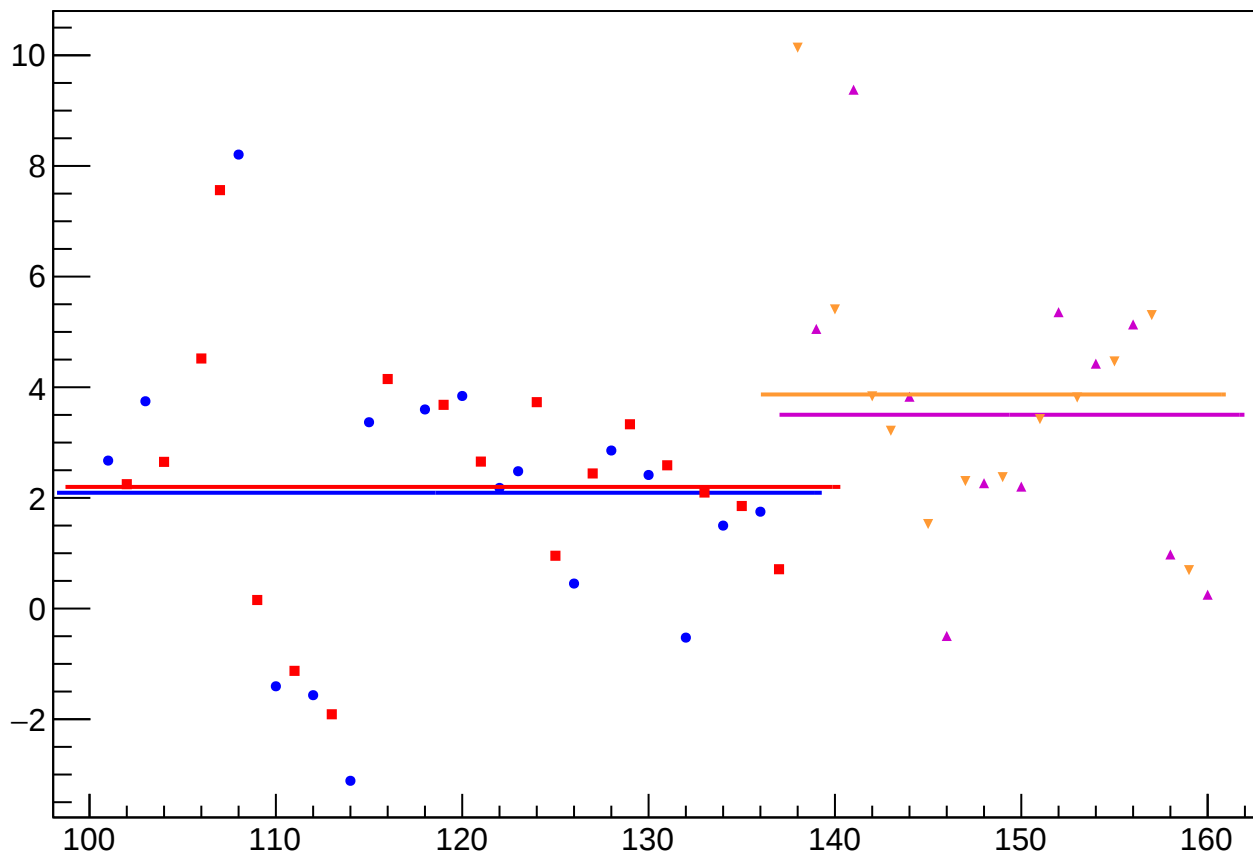
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_4aY_coil1_mean vs Slug



Right In: 2.093 $\pm$ 0.000 χ^2 /NDF: 3708588340032367175525218060861440.0/16

Left Out: 3.870 $\pm$ 0.000 χ^2 /NDF: 5096895495074779754701121480818688.0/11

Right Out: 2.199 $\pm$ 0.000 χ^2 /NDF: 3107113733134423203865144181391360.0/17

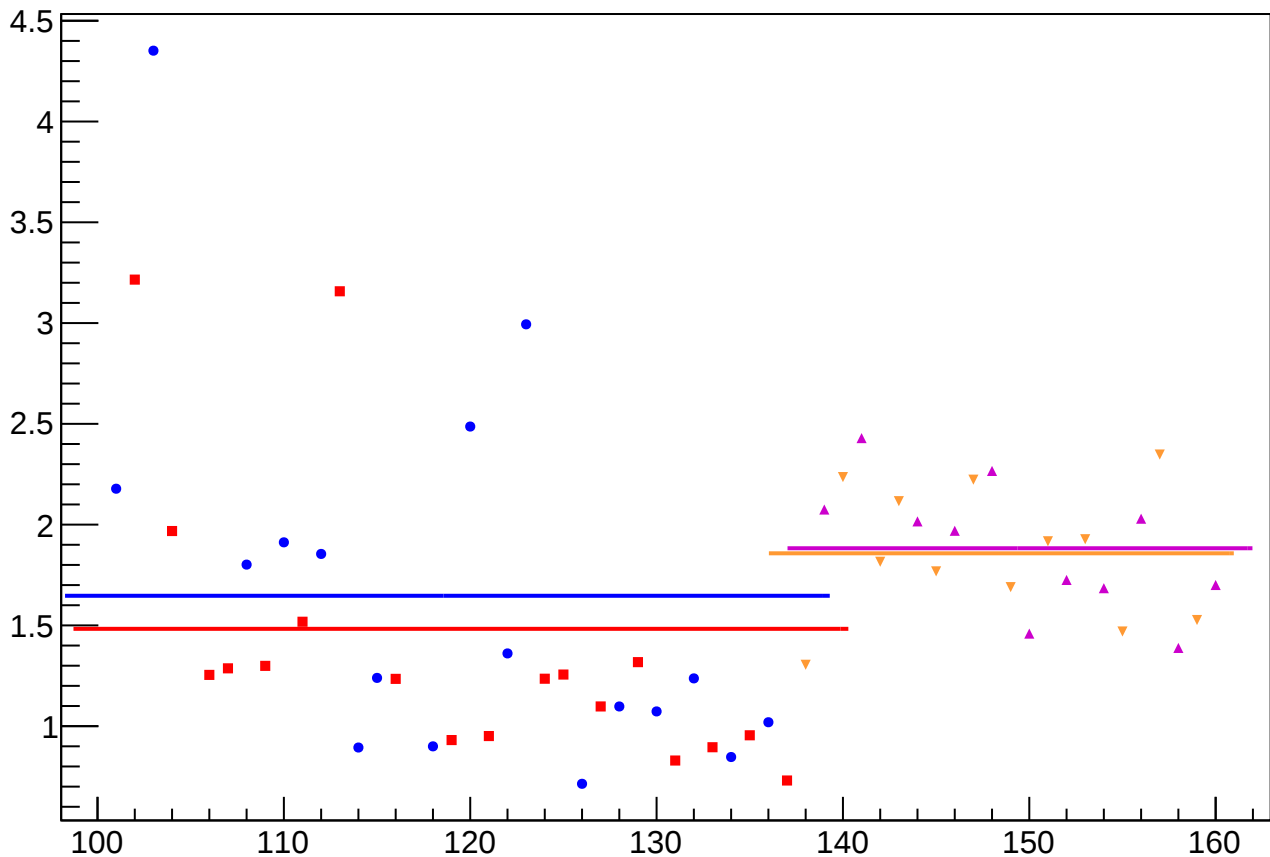
Left In: 3.503 $\pm$ 0.000 χ^2 /NDF: 6729958277549549509263051005624320.0/10

+ sign 3.100 $\pm$ 0.000 χ^2 /NDF: 10047584366193462

All: 3.018 $\pm$ 0.000 χ^2 /NDF: 20594856033346

- sign 2.937 $\pm$ 0.000 χ^2 /NDF: 10525561442982539

dit_4aY_coil1_err_mean vs Slug



Right In: 1.647 $\pm$ 0.000 χ^2 /NDF: 651088572320131635658625105526784.0/16

Left Out: 1.858 $\pm$ 0.000 χ^2 /NDF: 92819096352183662549607808761856.0/11

Right Out: 1.483 $\pm$ 0.000 χ^2 /NDF: 413770473105203088009551048343552.0/17

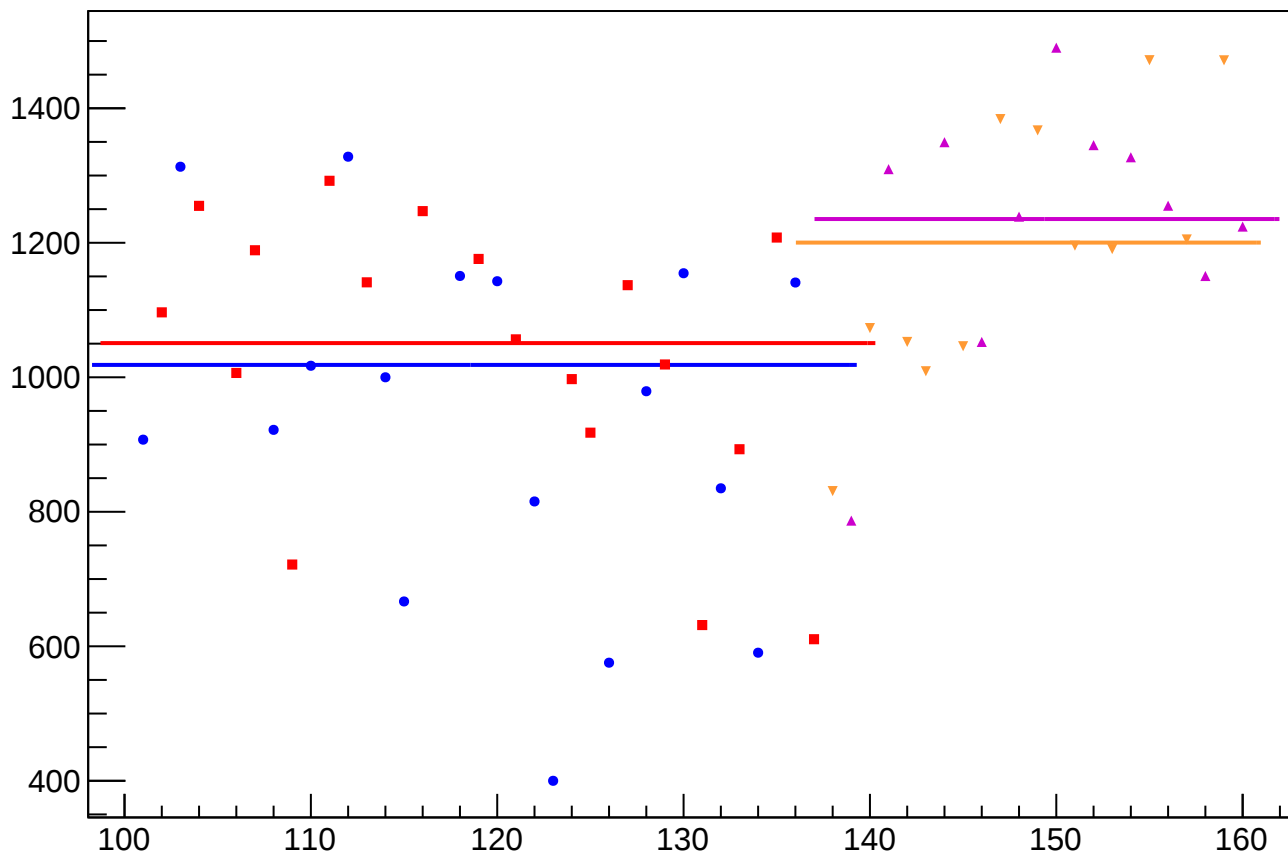
Left In: 1.883 $\pm$ 0.000 χ^2 /NDF: 89198060548496721731654669828096.0/10

+ 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

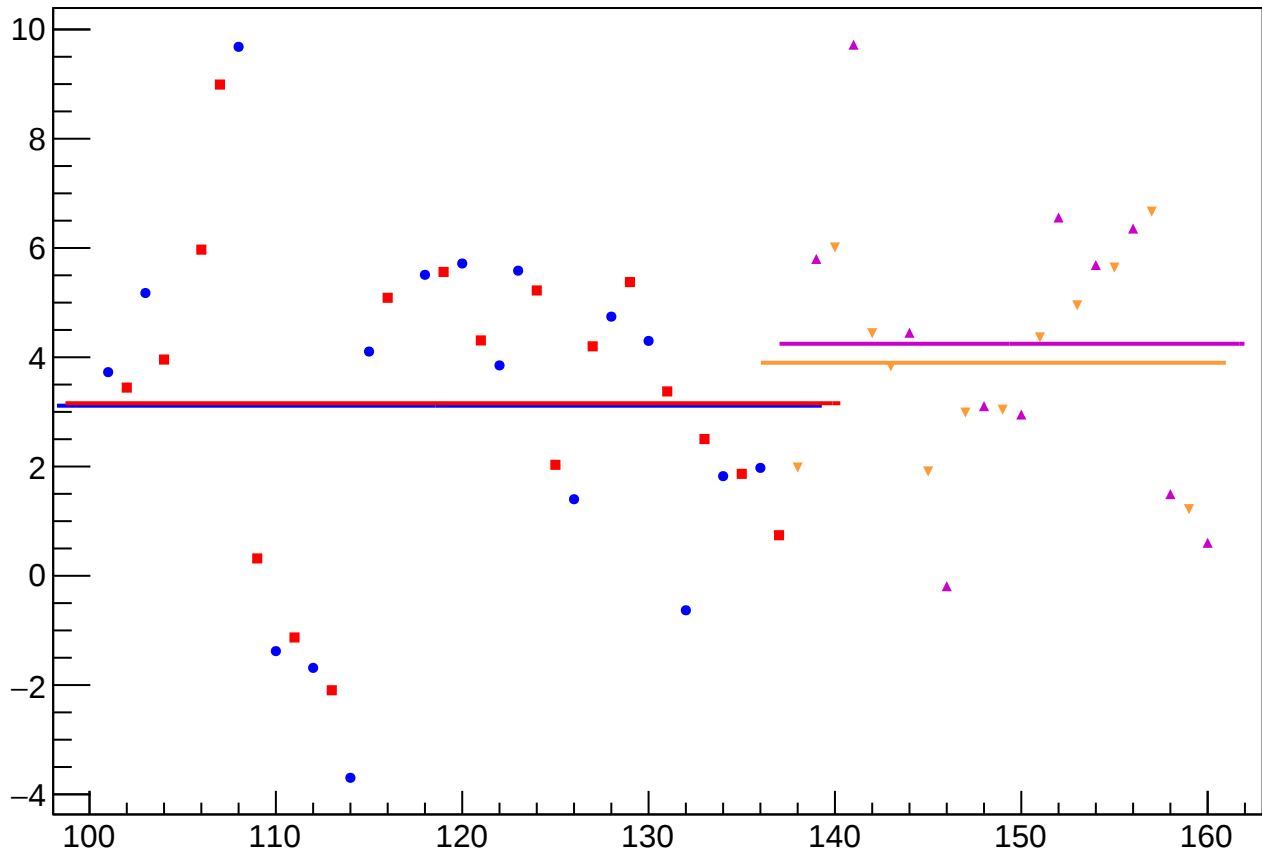
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

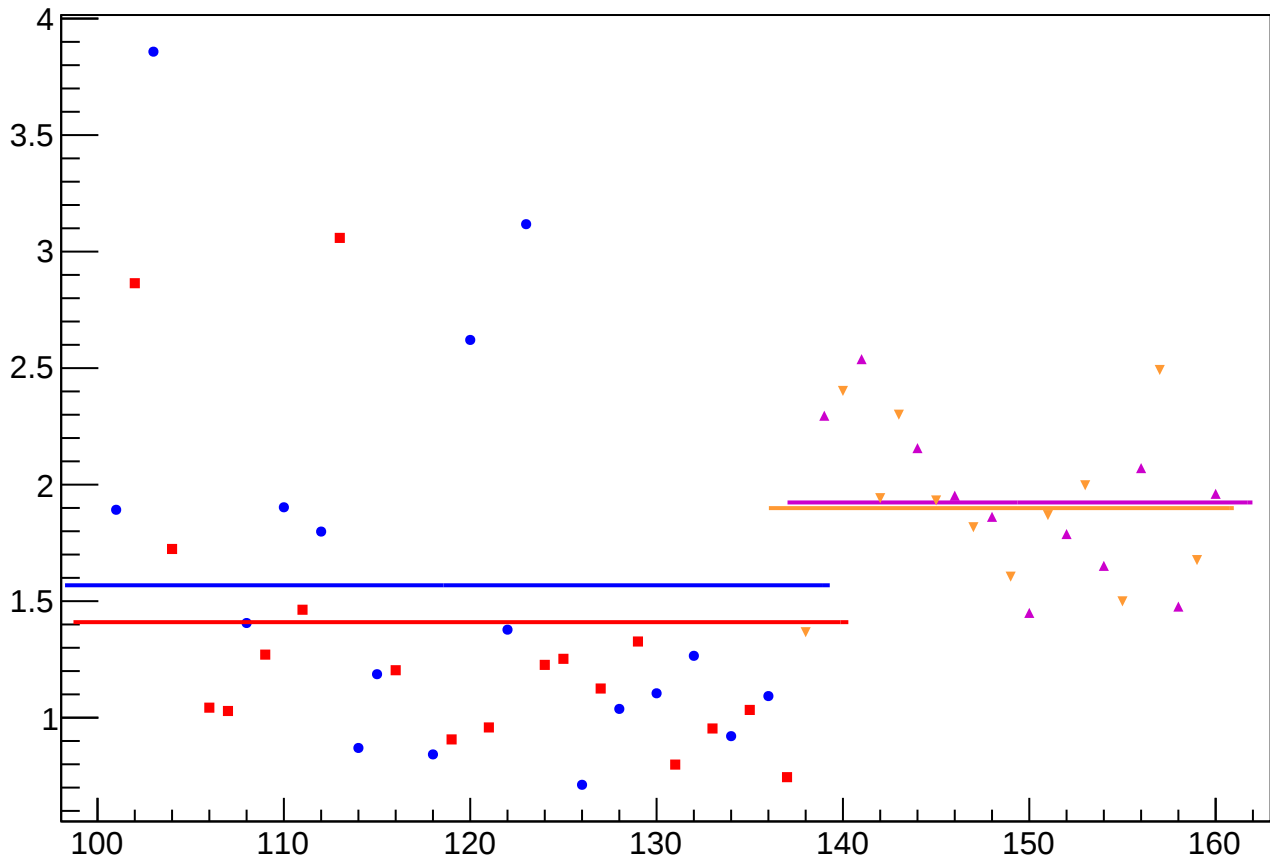
All: 1138.646+/-0.000 χ^2/NDF : 15044351621

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

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

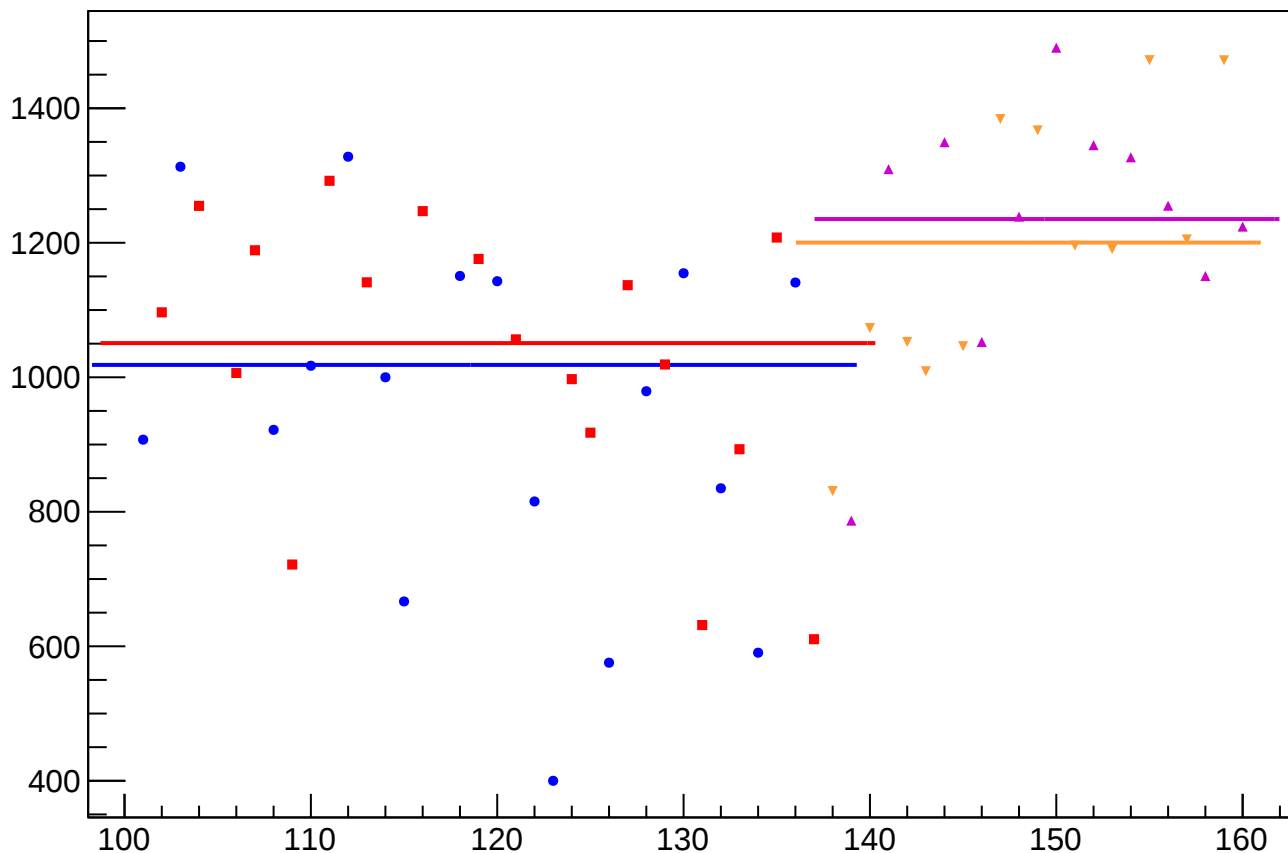
Left In: 1.924+/-0.000 χ^2/NDF : 95242962939028869202536503967744.0/10

All: 1.728+/-0.000 χ^2/NDF : 11788652842283.0/44

+ sign 1.756+/-0.000 χ^2/NDF : 64536417527038801.0/44

- sign 1.701+/-0.000 χ^2/NDF : 53102439200317192.0/44

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

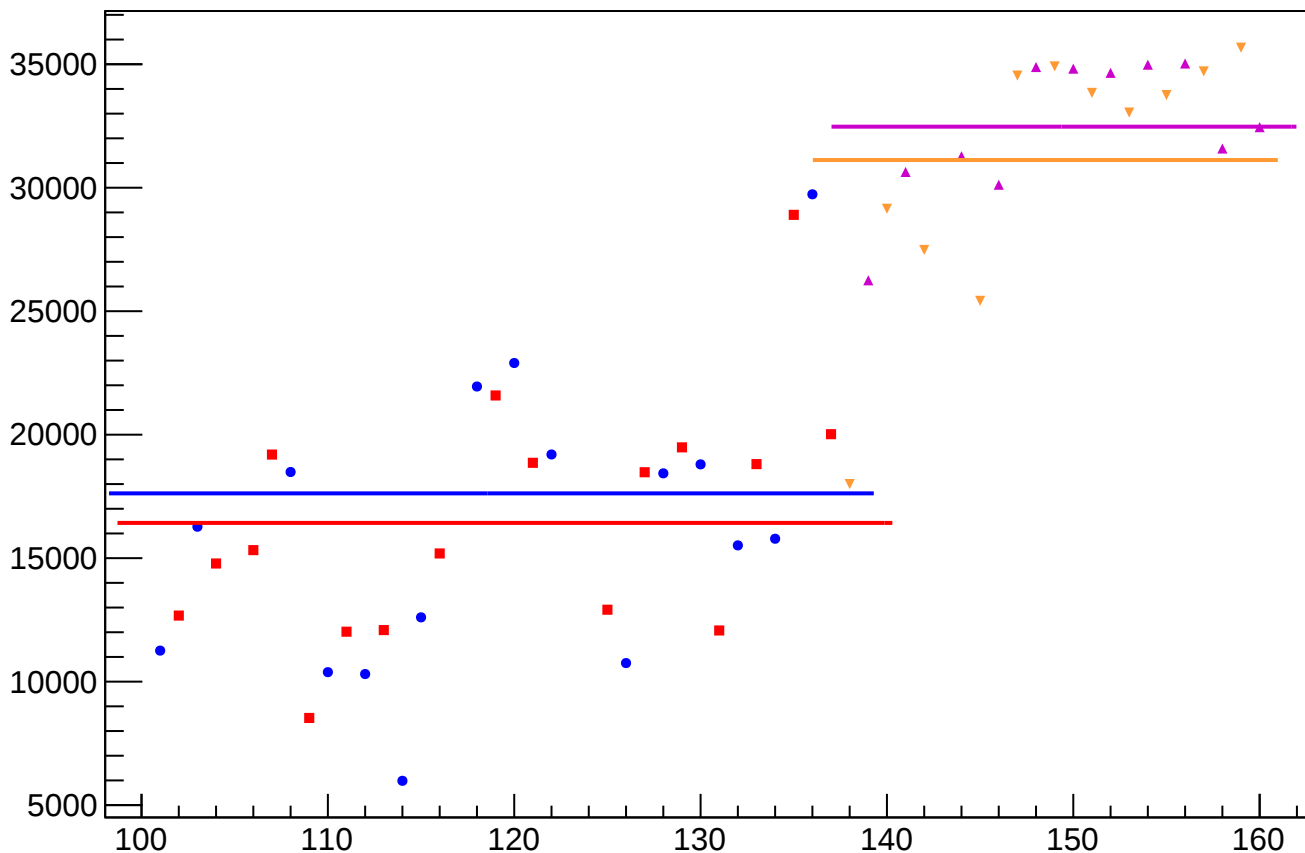
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

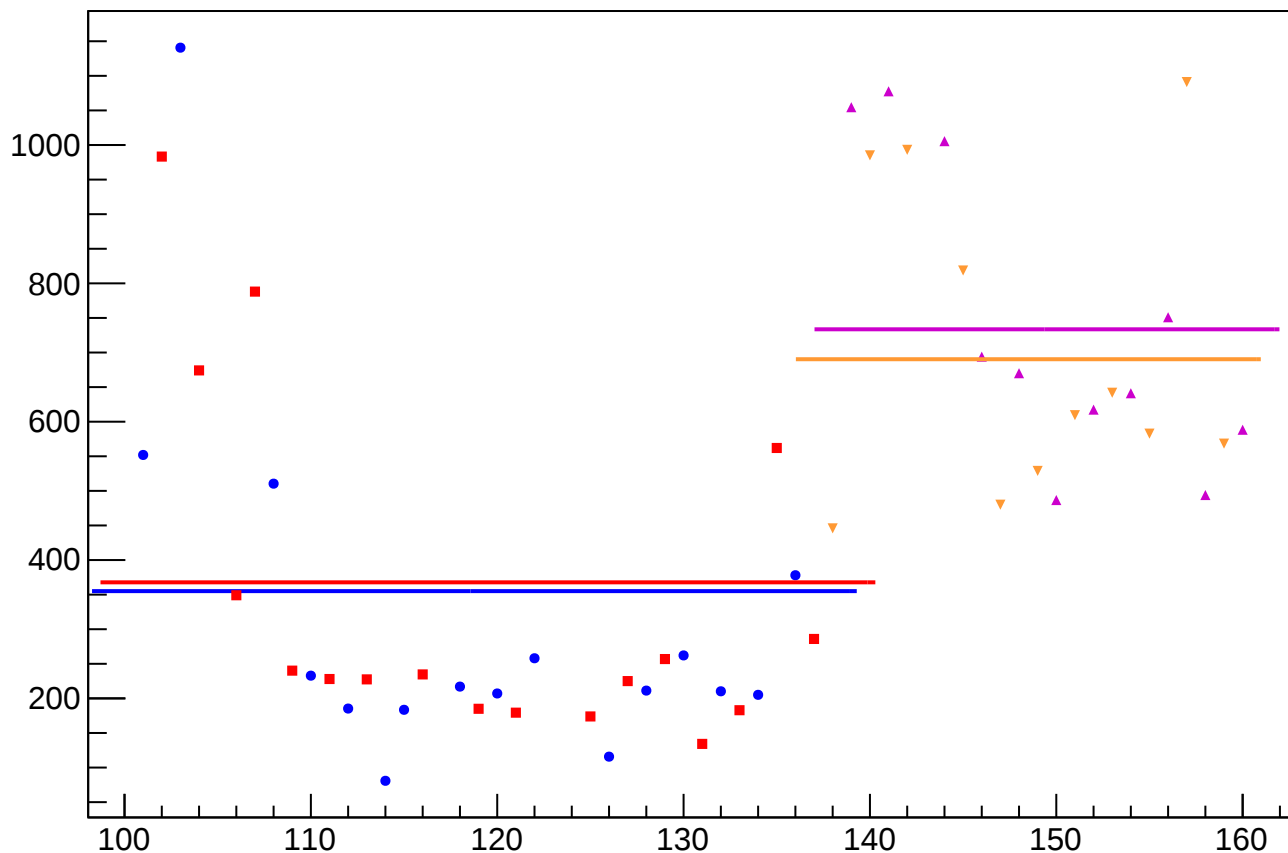
dit_usl_coil1_mean vs Slug



Right In: 17623.415+/-0.000	χ^2/NDF : 26214852160510248108396540611197117923328.0/15
Left Out: 31121.908+/-0.000	χ^2/NDF : 23059902976455903047894835429096743239680.0/10
Right Out: 16427.279+/-0.000	χ^2/NDF : 17497664990525804314439933995132913713152.0/16
Left In: 32472.045+/-0.000	χ^2/NDF : 6559386601849495088258310306923846565888.0/10

+ sign 25042.300+/-0.000 χ^2/NDF : 1183739483063
 All: 25324.303+/-0.000 χ^2/NDF : 2457090878
 - sign 25588.703+/-0.000 χ^2/NDF : 1270990775388

dit_usl_coil1_err_mean vs Slug



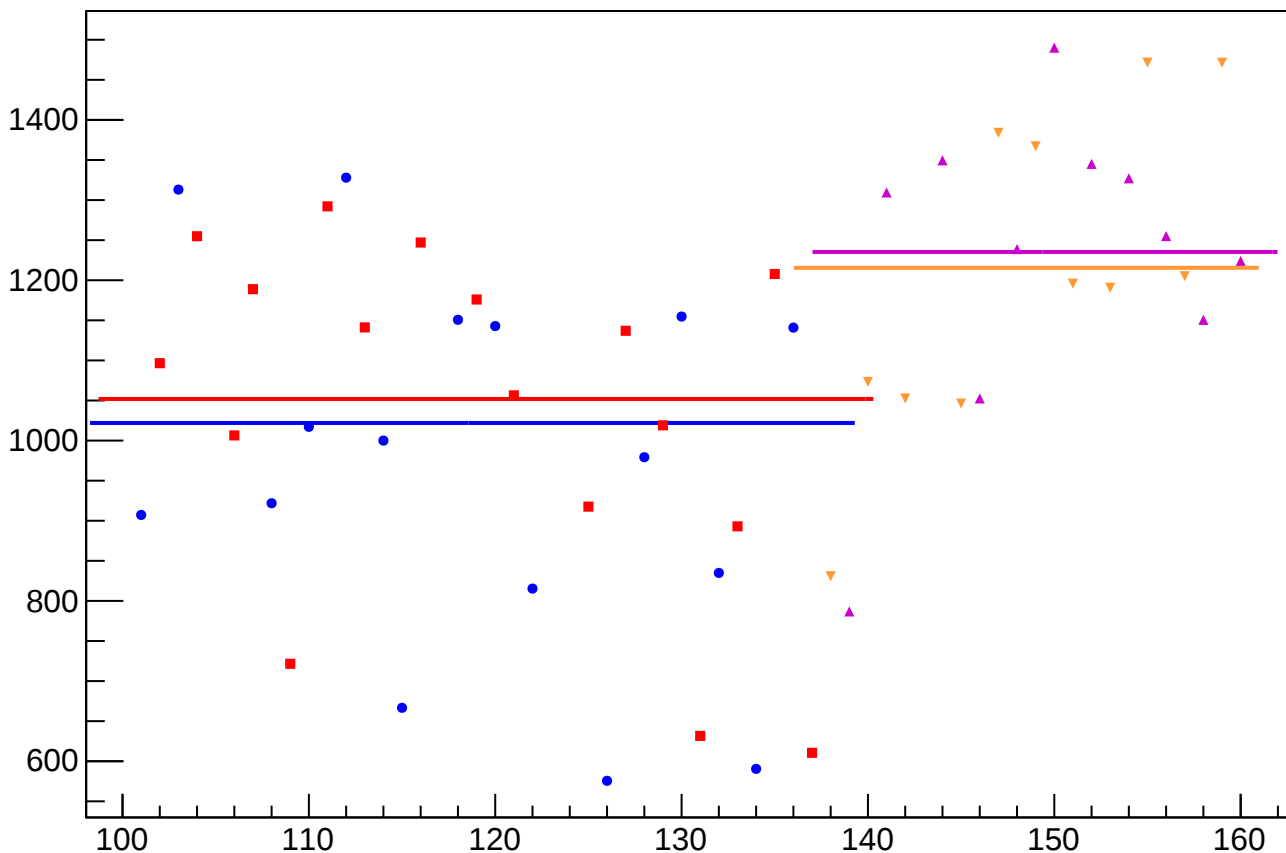
Right In: 355.072+/-0.000 χ^2/NDF : 50262750162224494428361272812030132224.0/15

Left Out: 690.314+/-0.000 χ^2/NDF : 37624697763034602007656197583819243520.0/10

Right Out: 367.779+/-0.000 χ^2/NDF : 47461092327588428657122003339509235712.0/16

Left In: 733.575+/-0.000 χ^2/NDF : 39366801674031082271771997491878166528.0/10

dit_usl_coil1_Ndata_mean vs Slug



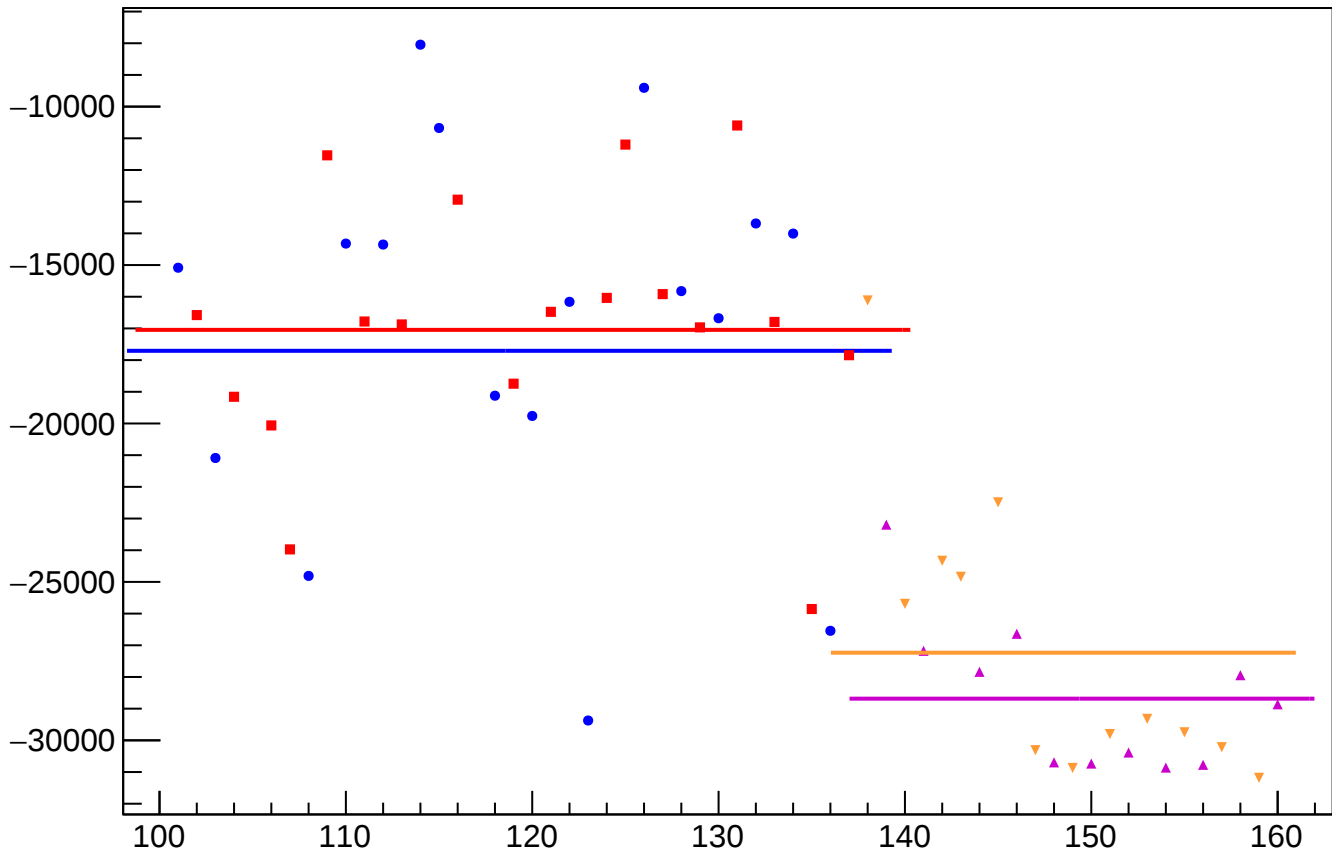
Right In: 1021.988+/-0.000 χ^2/NDF : 31240102732297466680062358937095110656.0/15

Left Out: 1215.518+/-0.000 χ^2/NDF : 31376780831313540387850491409995923456.0/10

Right Out: 1051.912+/-0.000 χ^2/NDF : 26857120331966502825045576618889707520.0/16

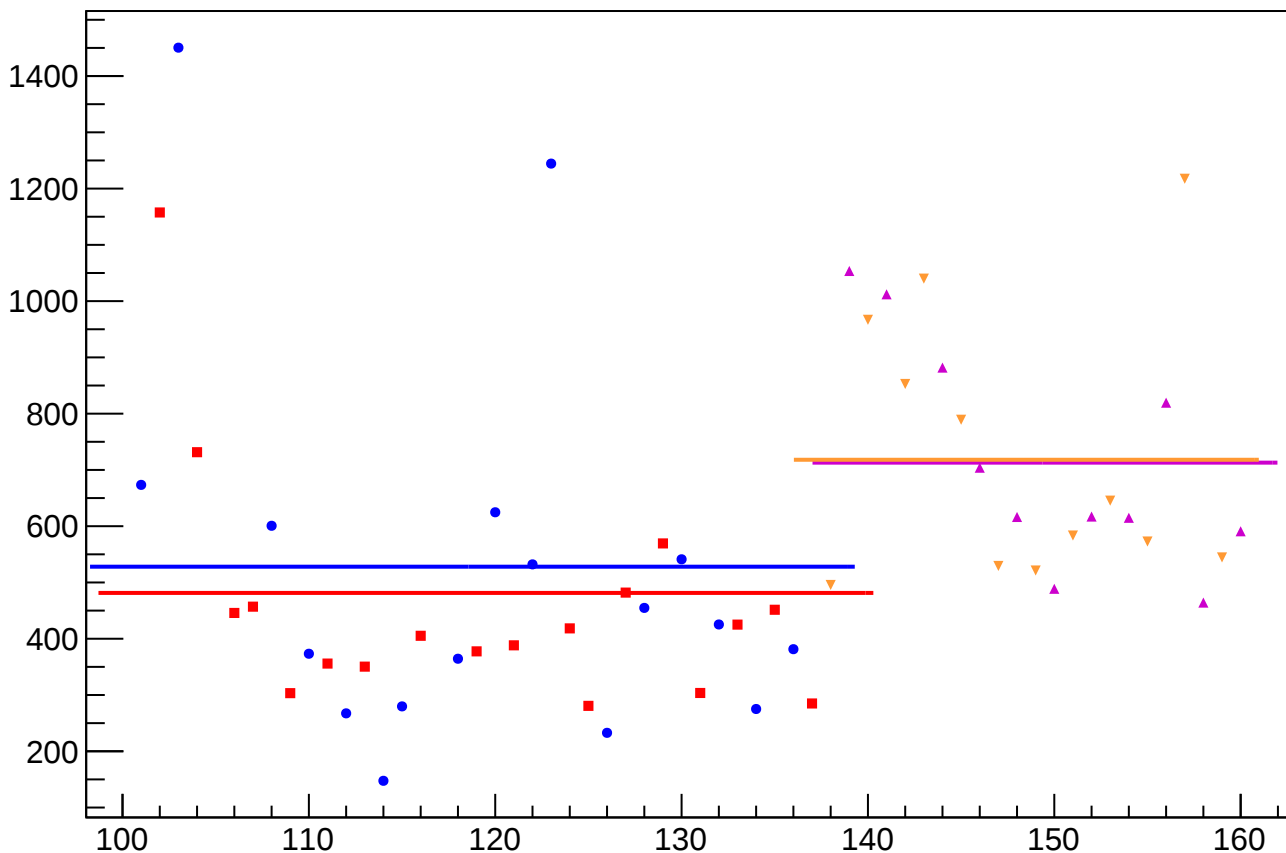
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_usr_coil1_mean vs Slug



Right In: -17706.432+/-0.000 χ^2/NDF : 17446583920719856354509663675734298722304.0/16
 Left Out: -27234.311+/-0.000 χ^2/NDF : 17501423858802312277149406811030835691520.0/11
 Right Out: -17045.413+/-0.000 χ^2/NDF : 10956517506901040130363493382016229965824.0/17
 Left In: -28684.462+/-0.000 χ^2/NDF : 4838740363214091105444424537307038613504.0/10

dit_usr_coil1_err_mean vs Slug



Right In: 528.041+/-0.000 χ^2/NDF : 69659723827653646879006199384029265920.0/16

+ sign 635.802+/-0.000 χ^2/NDF : 131410822465640

Left Out: 718.075+/-0.000 χ^2/NDF : 47539185486125031464503975982300921856.0/11

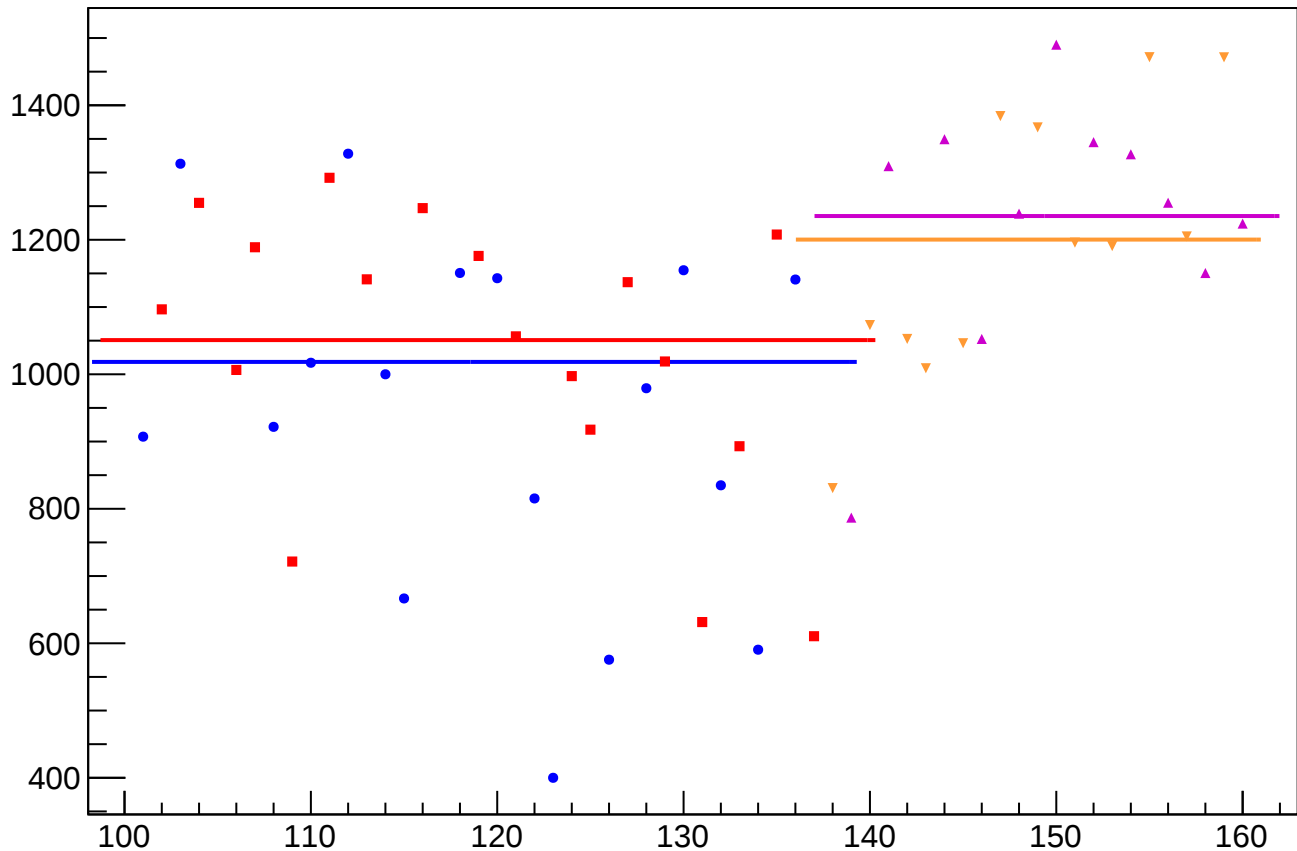
All: 623.991+/-0.000 χ^2/NDF : 22504925946

Right Out: 481.423+/-0.000 χ^2/NDF : 37781807344960782949995964438094544896.0/17

- sign 612.503+/-0.000 χ^2/NDF : 931973107729441

Left In: 712.956+/-0.000 χ^2/NDF : 33715682233034029284600696449779367936.0/10

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

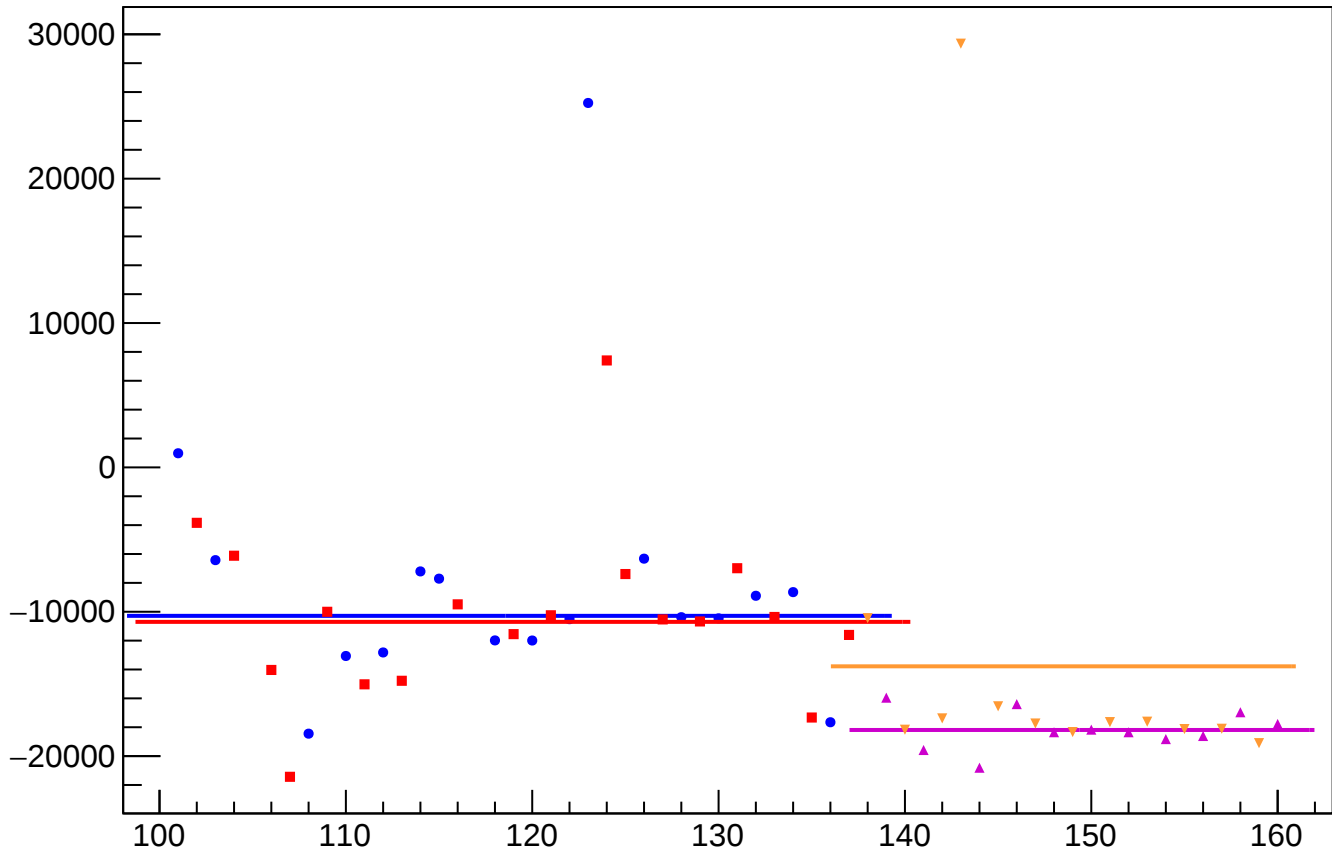
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

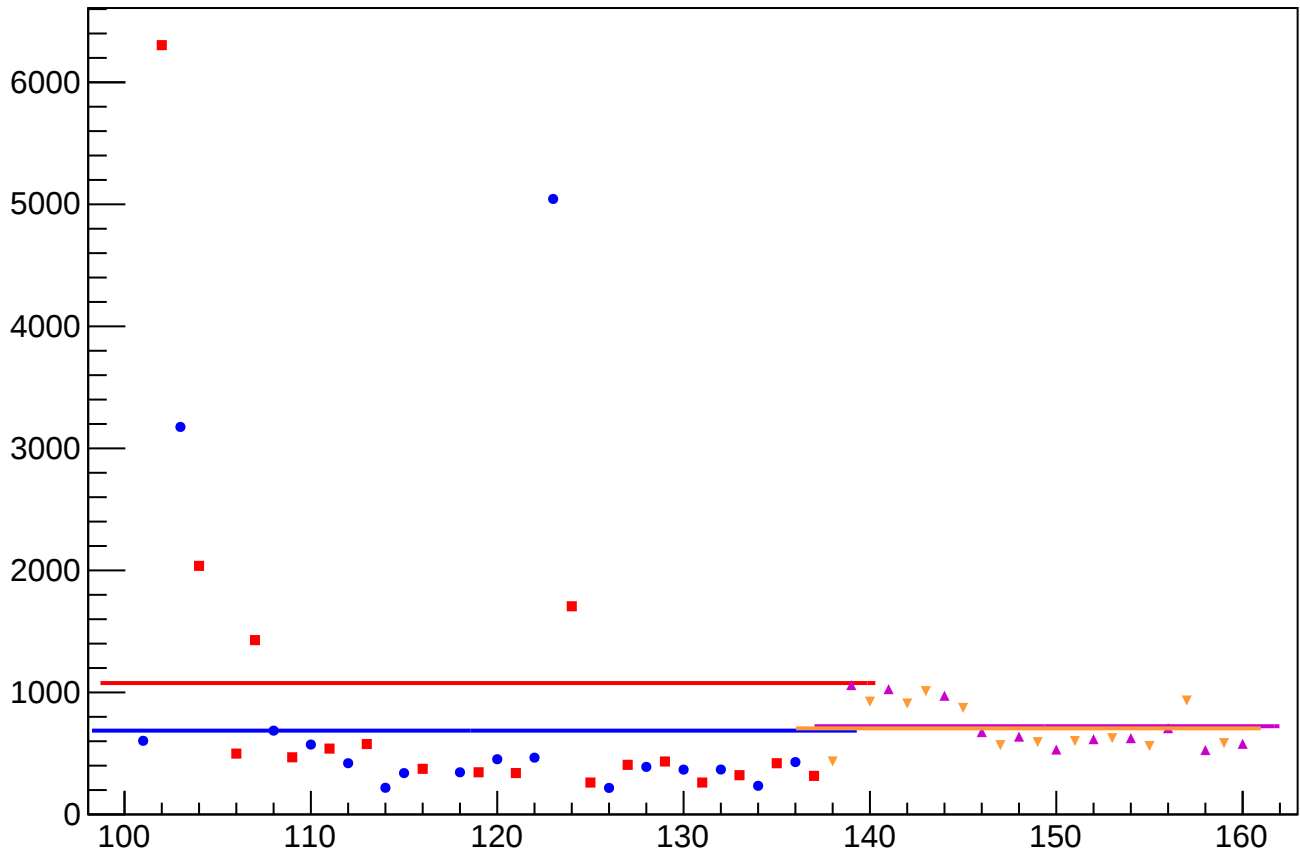
All: 1138.646+/-0.000 χ^2/NDF : 15044351621

dit_atl1_coil1_mean vs Slug



Right In: -10283.660 ± 0.000 $\chi^2/\text{NDF}: 22542685724167344155071704935611221671936.0/16$
 Left Out: -13780.875 ± 0.000 $\chi^2/\text{NDF}: 138817330584648681822484556617162256547840.0/11$
 Right Out: -10700.860 ± 0.000 $\chi^2/\text{NDF}: 17608009820774086602629870631925827239936.0/17$
 Left In: -18189.629 ± 0.000 $\chi^2/\text{NDF}: 1634139917822330923820252034017137786880.0/10$

dit_atl1_coil1_err_mean vs Slug



Right In: 686.989+/-0.000 χ^2/NDF : 493304193623954738914781428530632720384.0/16

Left Out: 705.686+/-0.000 χ^2/NDF : 30616664019236375652772902235296235520.0/11

Right Out: 1076.905+/-0.000 χ^2/NDF : 1898129082549914246384223466564869947392.0/17

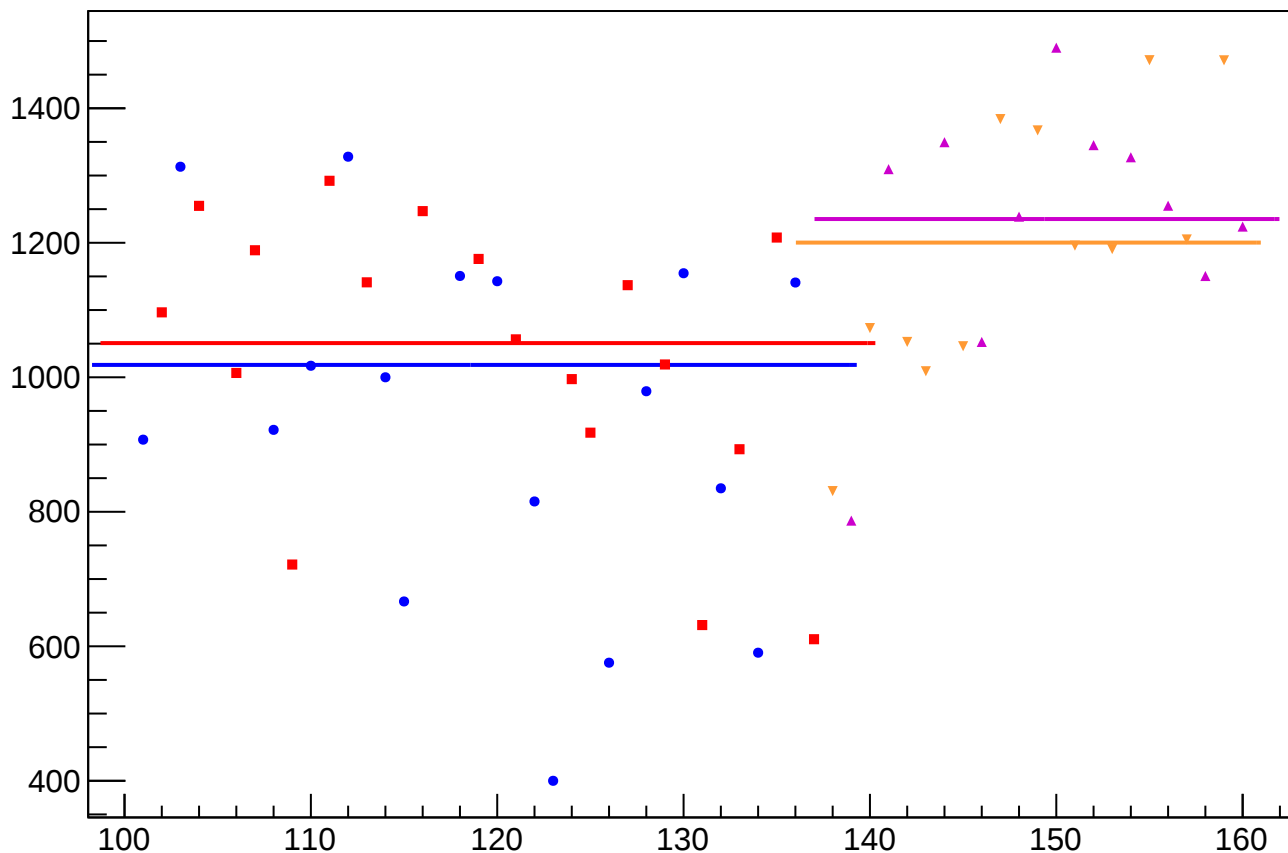
Left In: 722.981+/-0.000 χ^2/NDF : 33412765649158577967580020065397899264.0/10

+ 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

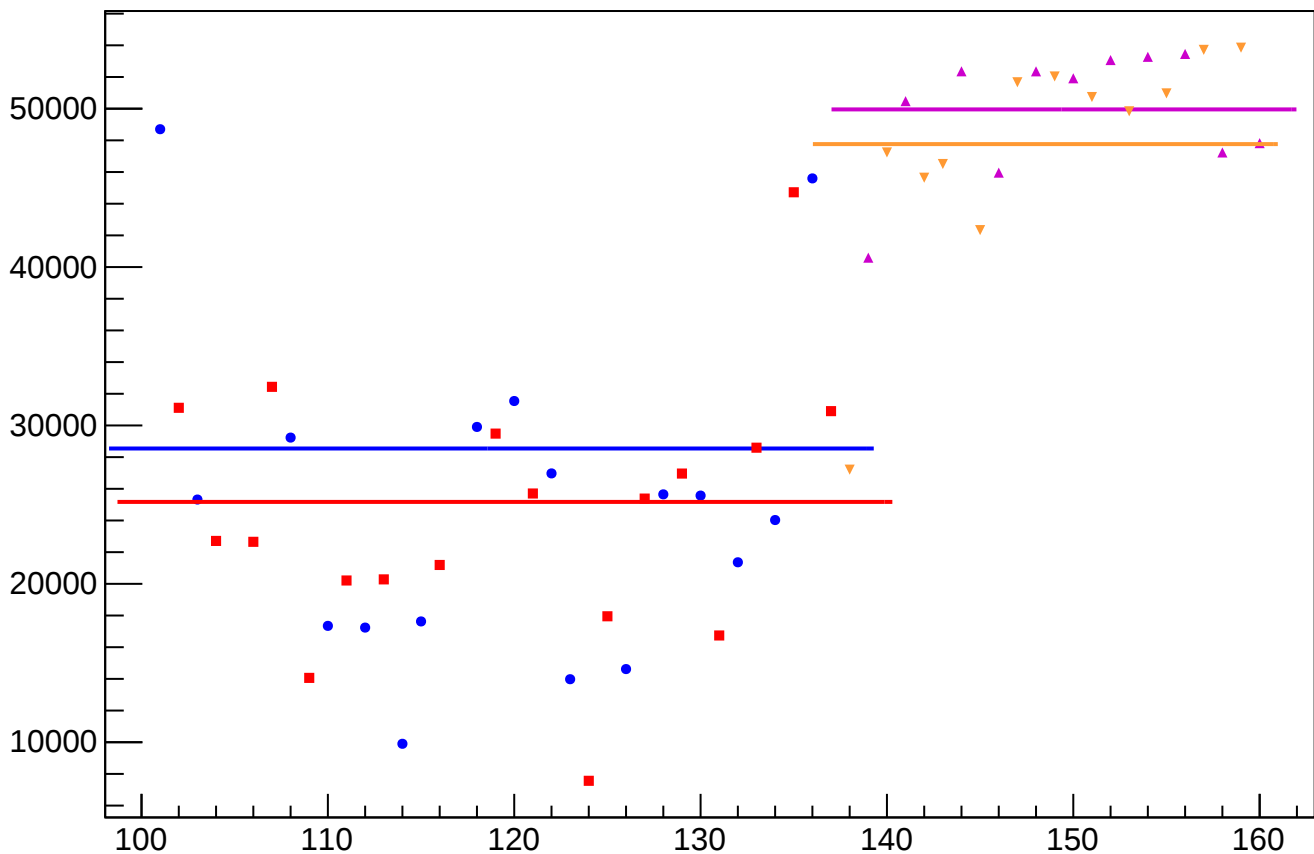
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

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

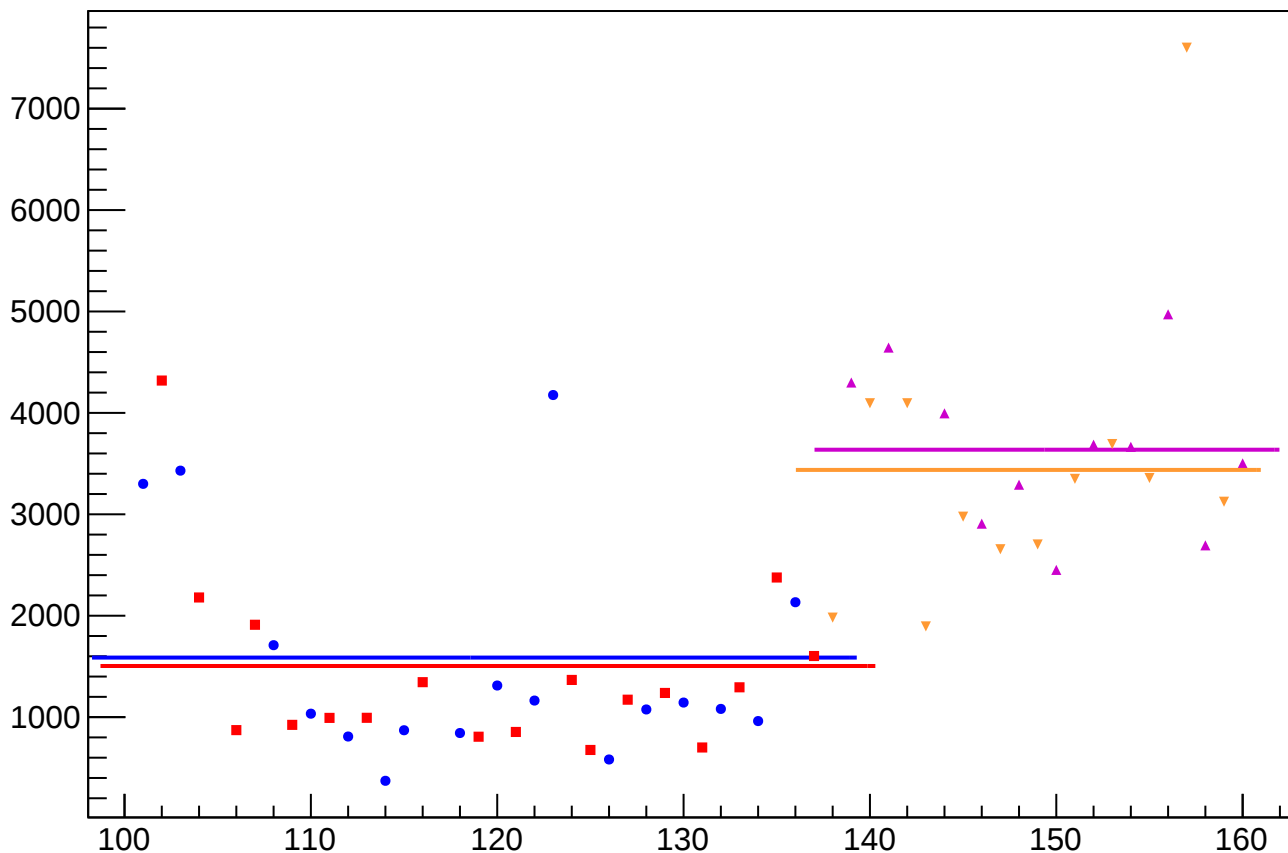
dit_atl2_coil1_mean vs Slug



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

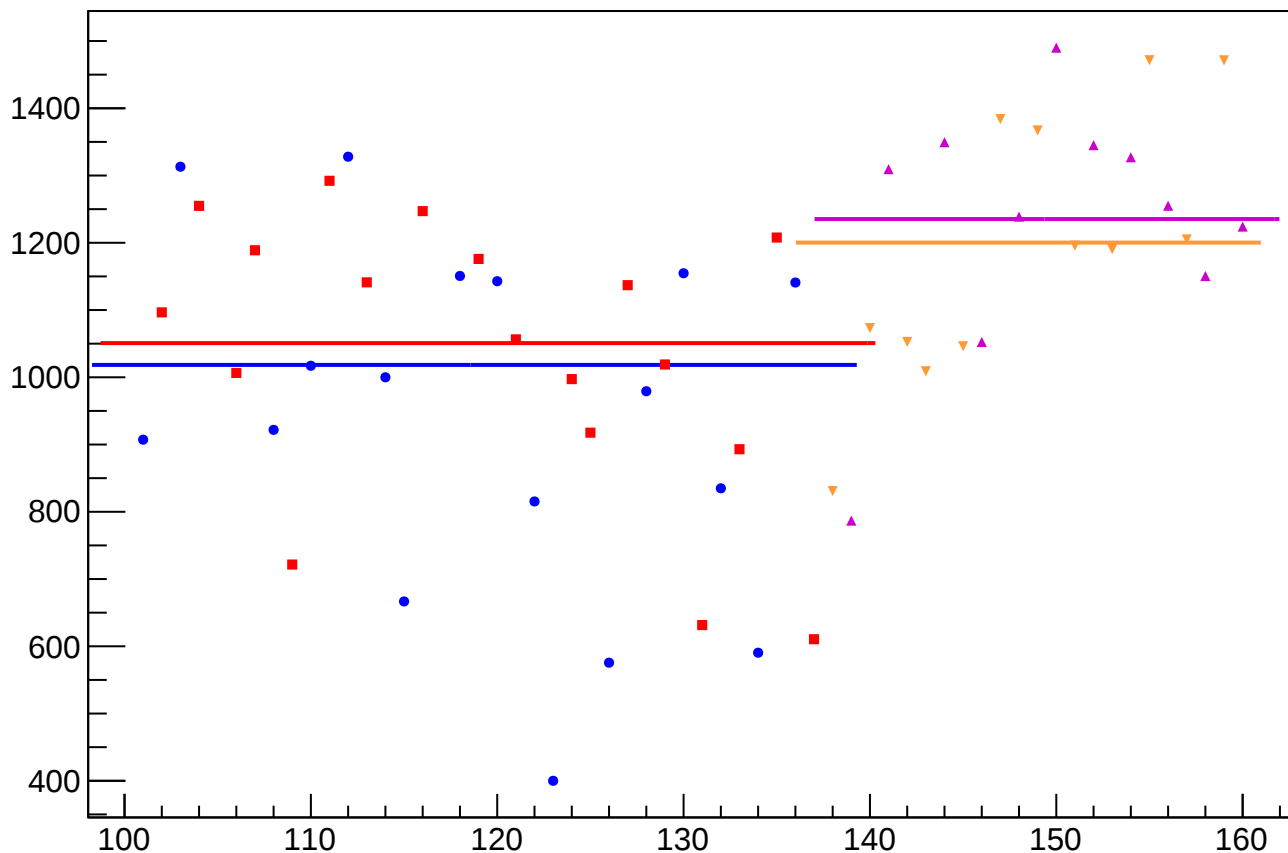
+ sign 39442.946+/-0.000 χ^2/NDF : 2704142672971
 All: 39320.981+/-0.000 χ^2/NDF : 5753572999
 - sign 39202.346+/-0.000 χ^2/NDF : 3048959929215

dit_atl2_coil1_err_mean vs Slug



Right In: 1587.187+/-0.000	χ^2/NDF : 615324434940076903003531567179686215680.0/16	+ sign 2636.561+/-0.000	χ^2/NDF : 37503796075026
Left Out: 3437.732+/-0.000	χ^2/NDF : 1787367668595754289869839739980022284288.0/11	All: 2674.623+/-0.000	χ^2/NDF : 68065367246
Right Out: 1504.230+/-0.000	χ^2/NDF : 678771439829187339393474850676239499264.0/17	- sign 2711.646+/-0.000	χ^2/NDF : 30515759098820
Left In: 3636.942+/-0.000	χ^2/NDF : 531629510499304026743248594251812962304.0/10		

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

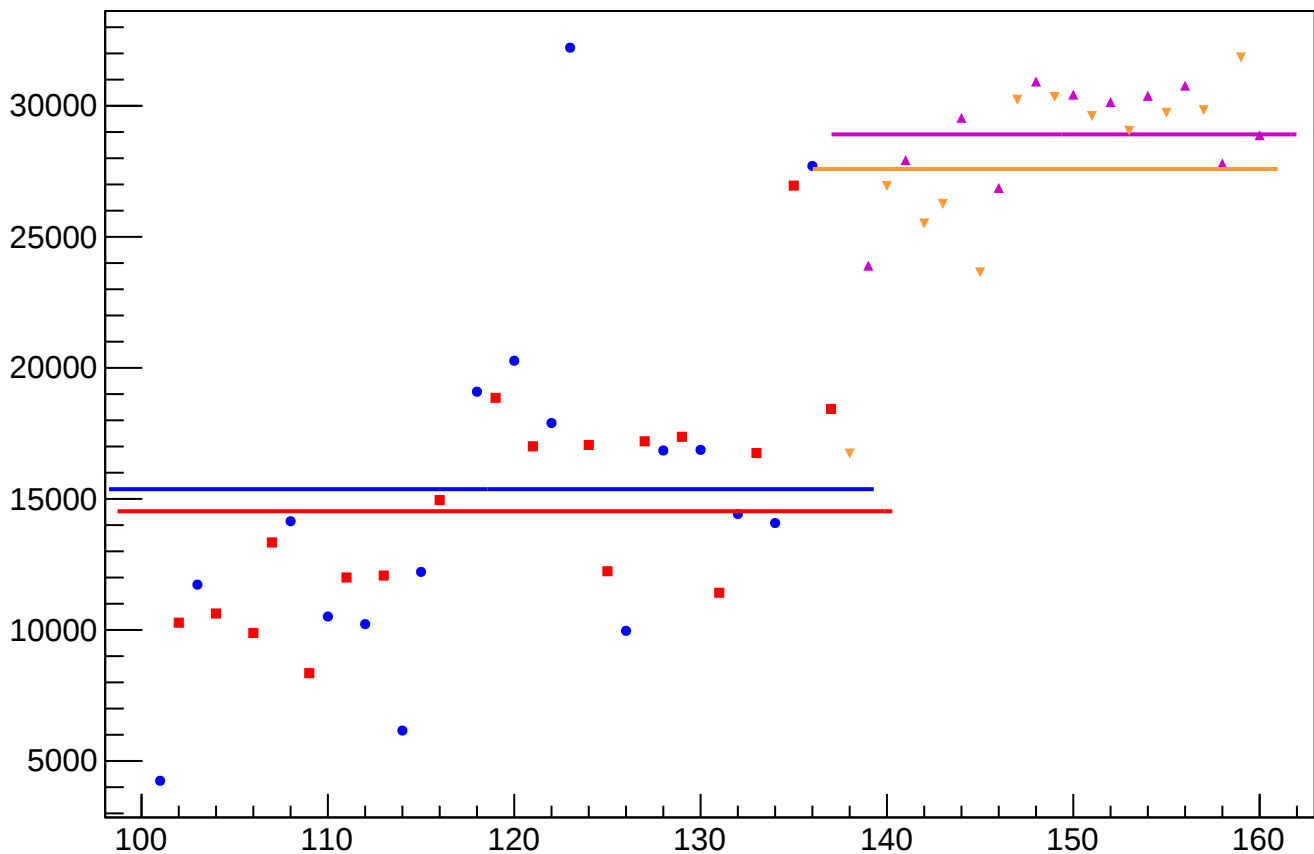
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

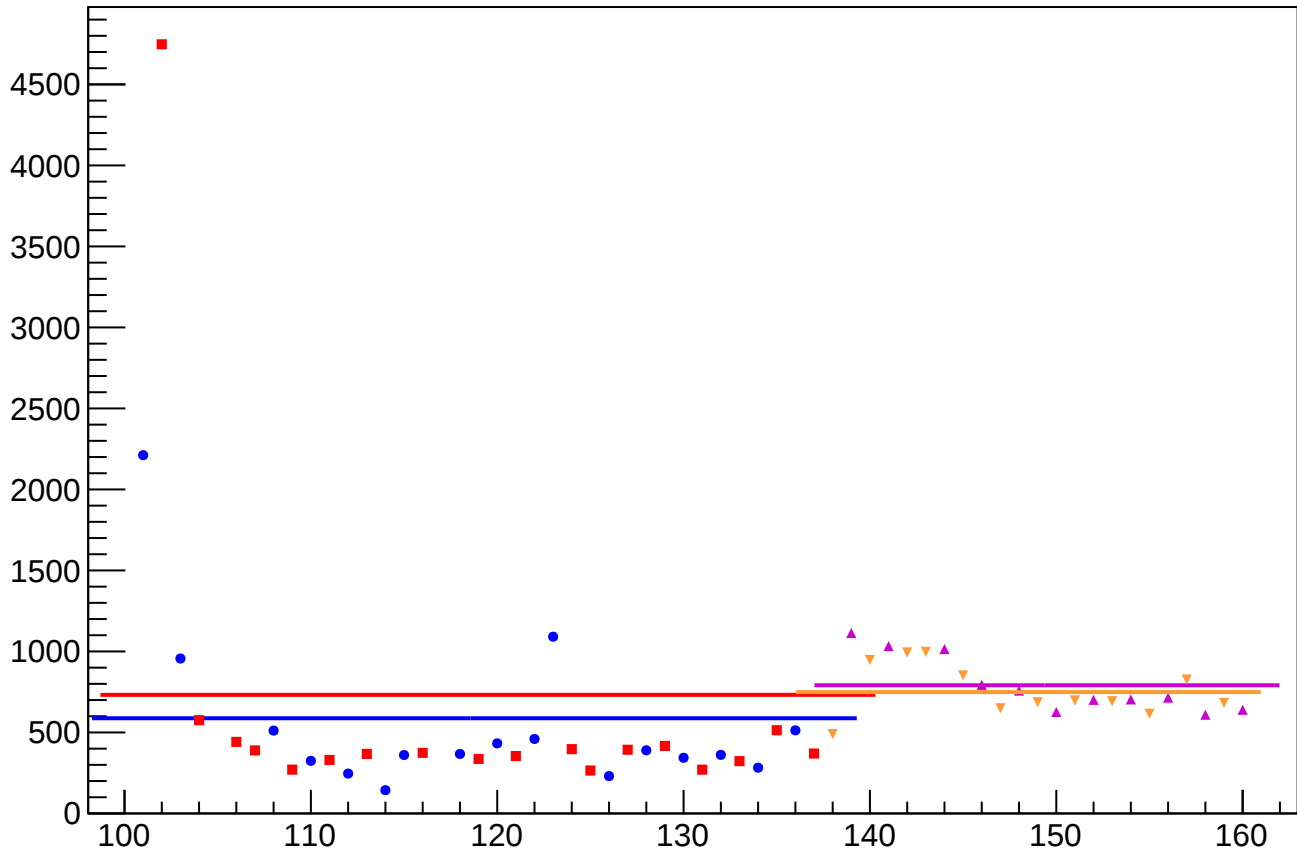
dit_atr1_coil1_mean vs Slug



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

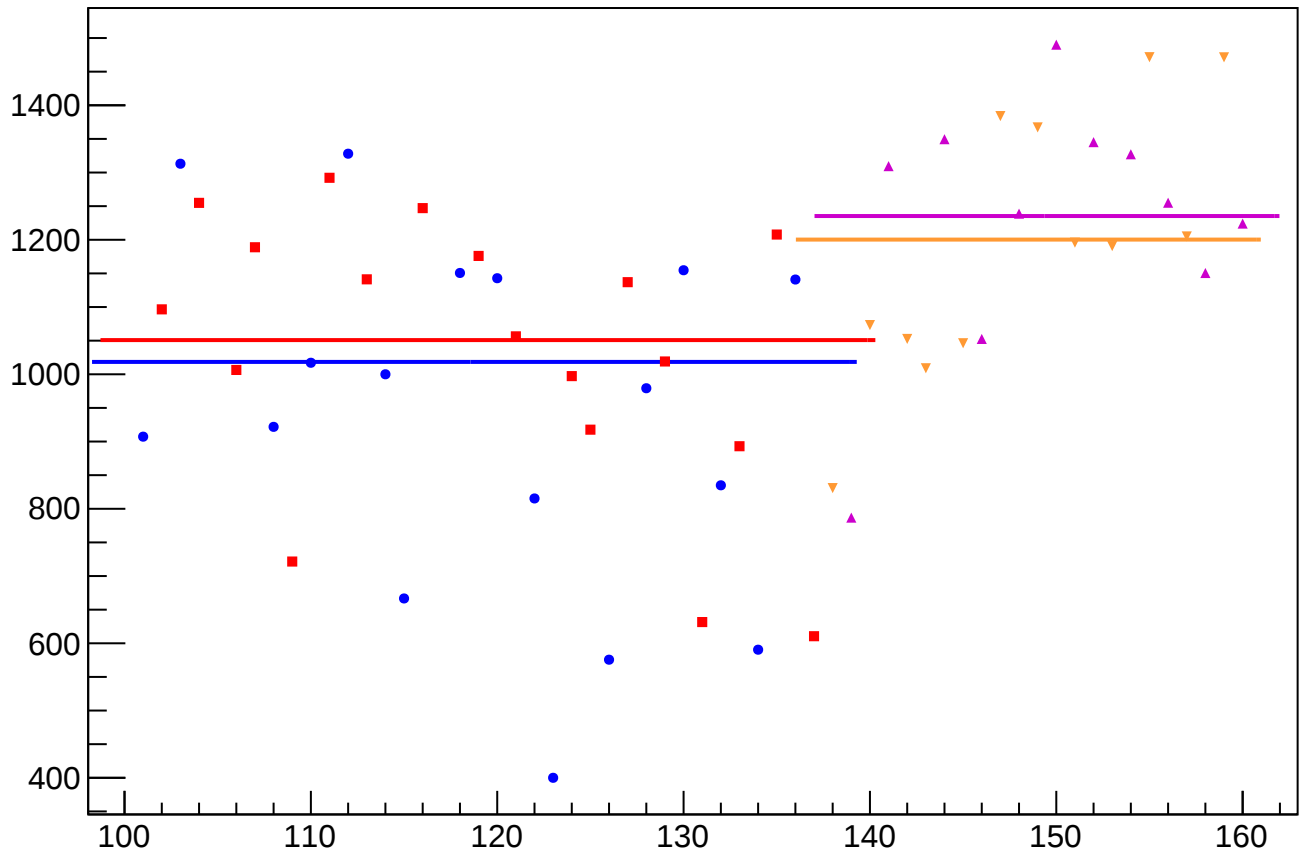
+ sign 22300.654+/-0.000 χ^2/NDF : 1026676602092
 All: 22488.968+/-0.000 χ^2/NDF : 2057077476
 - sign 22672.141+/-0.000 χ^2/NDF : 1029279471087

dit_atr1_coil1_err_mean vs Slug



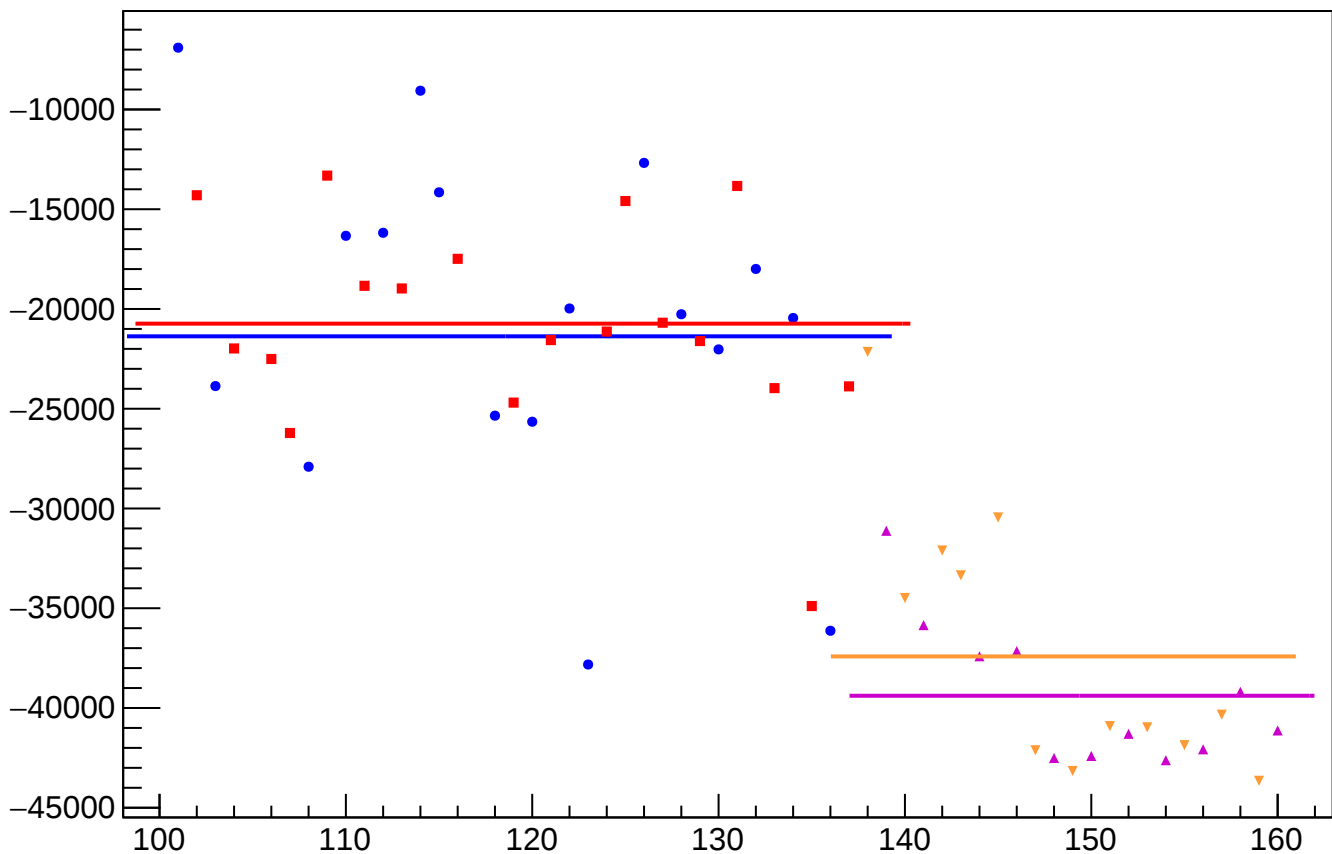
Right In: 587.577 ± 0.000 χ^2/NDF : 195107984512310448986091727250308202496.0/16
 Left Out: 749.082 ± 0.000 χ^2/NDF : 19986493434775093751754489968960995328.0/11
 Right Out: 732.166 ± 0.000 χ^2/NDF : 1022613131551712750449458449642369843200.0/17
 Left In: 791.279 ± 0.000 χ^2/NDF : 2682259207642096711518423492795039744.0/10

dit_atr1_coil1_Ndata_mean vs Slug



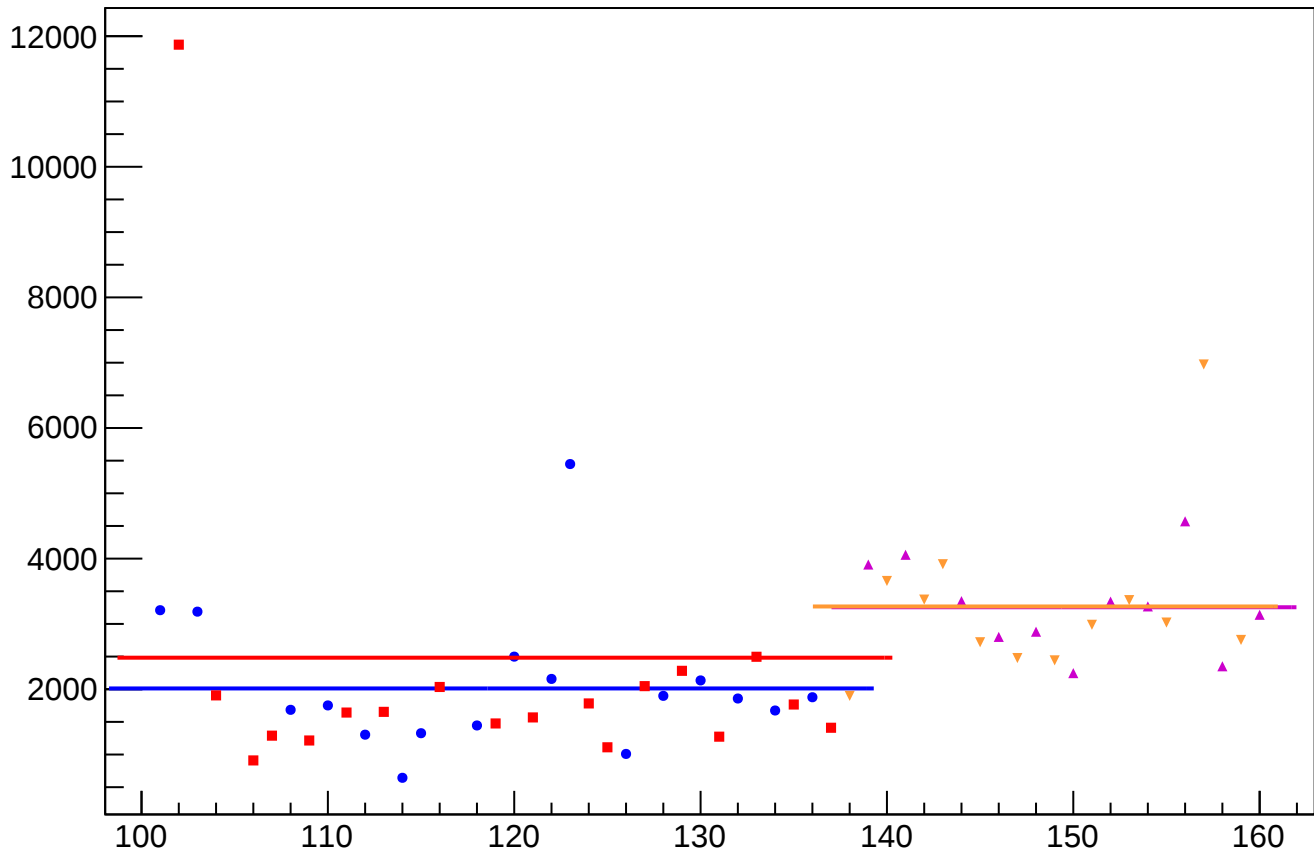
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_atr2_coil1_mean vs Slug



Right In: -21370.339+/-0.000	χ^2/NDF : 44476087148423218769698830448172004802560.0/16	+ sign -30468.902+/-0.000	χ^2/NDF : 182684493817
Left Out: -37415.440+/-0.000	χ^2/NDF : 36893164654983701349381151569495382294528.0/11	All: -30887.479+/-0.000	χ^2/NDF : 356421989
Right Out: -20735.001+/-0.000	χ^2/NDF : 21267884844776863671050573800564620001280.0/17	- sign -31294.626+/-0.000	χ^2/NDF : 173183452334
Left In: -39386.944+/-0.000	χ^2/NDF : 11090931788233525208634627212015308898304.0/10		

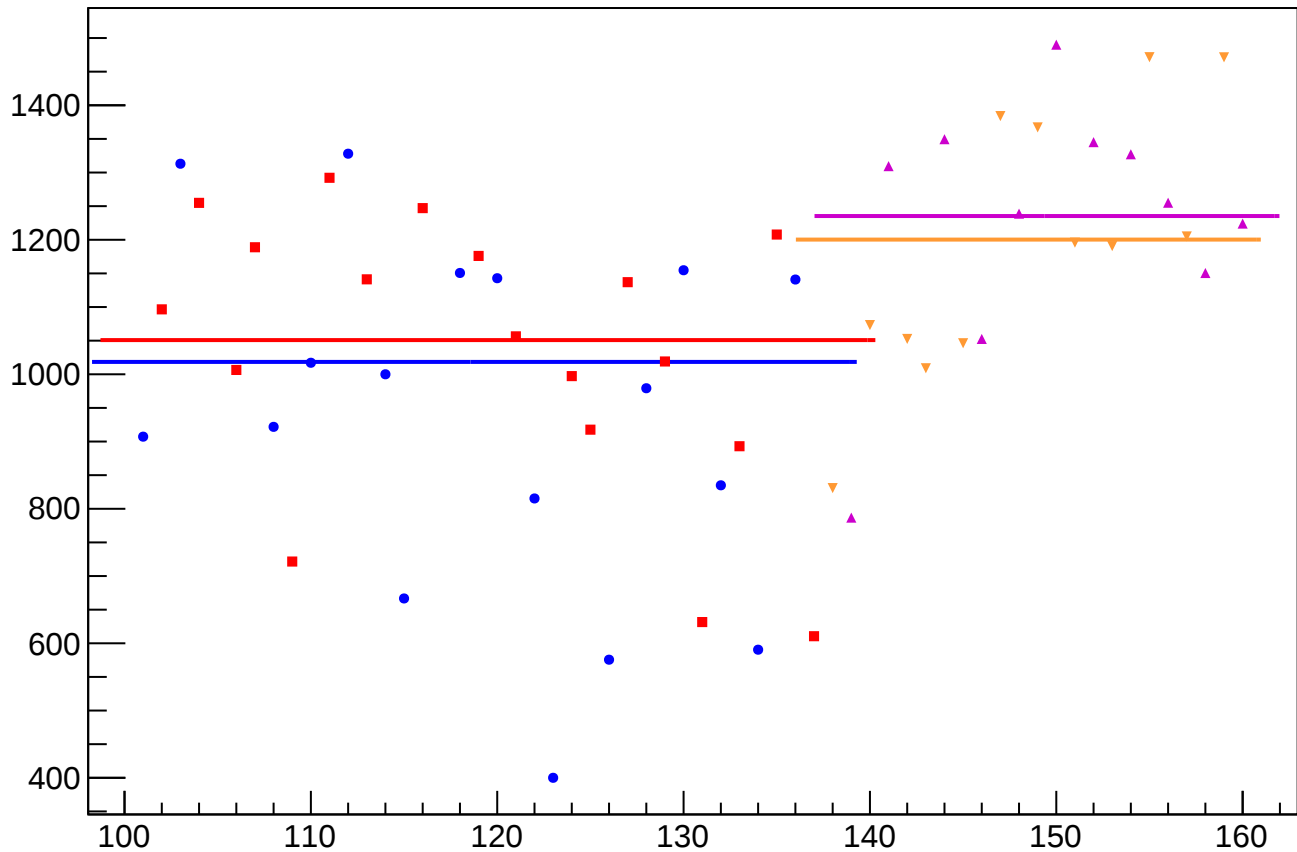
dit_atr2_coil1_err_mean vs Slug



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

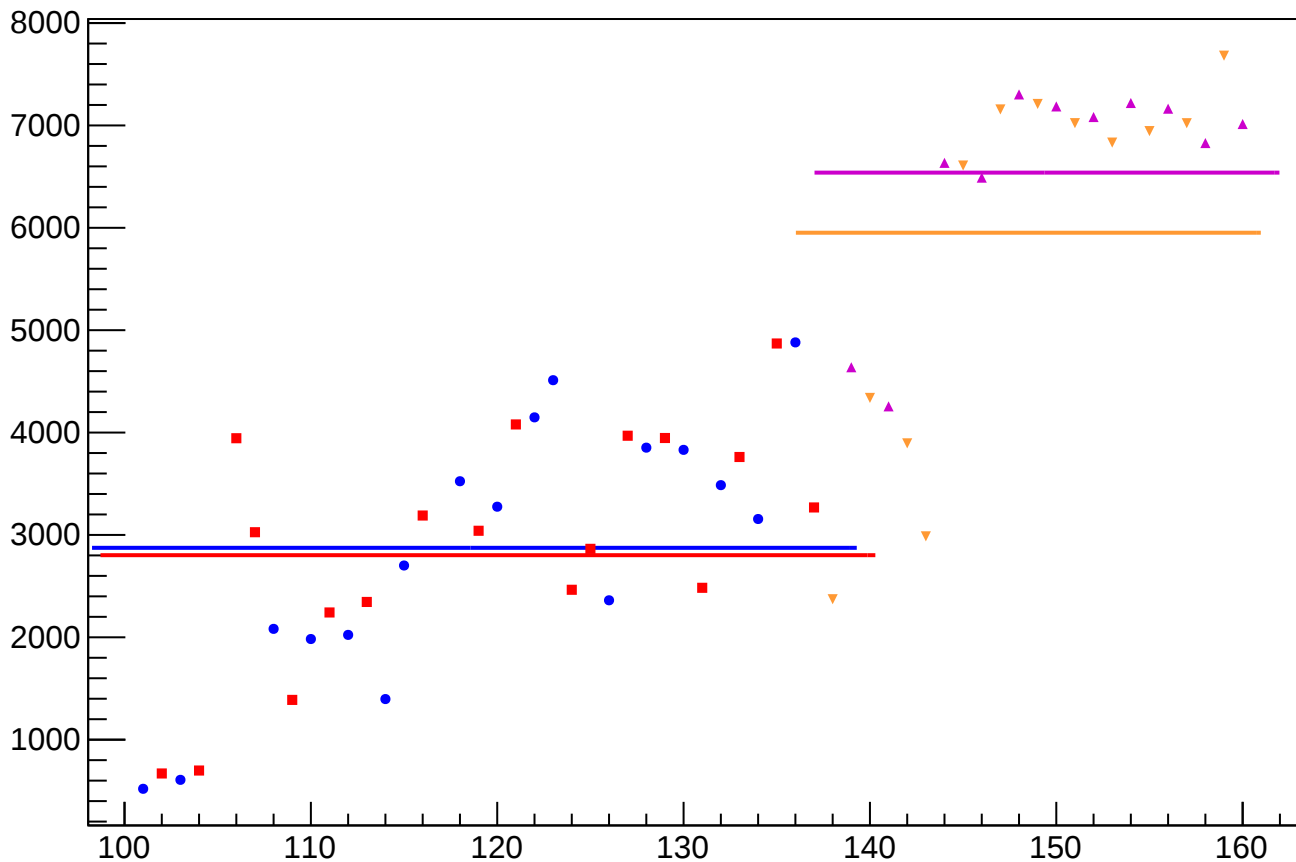
All: 2823.330+/-0.000 χ^2/NDF : 86970337453
 + sign 2723.756+/-0.000 χ^2/NDF : 23320679175919
 - sign 2920.185+/-0.000 χ^2/NDF : 63336123421308

dit_atr2_coil1_Ndata_mean vs Slug



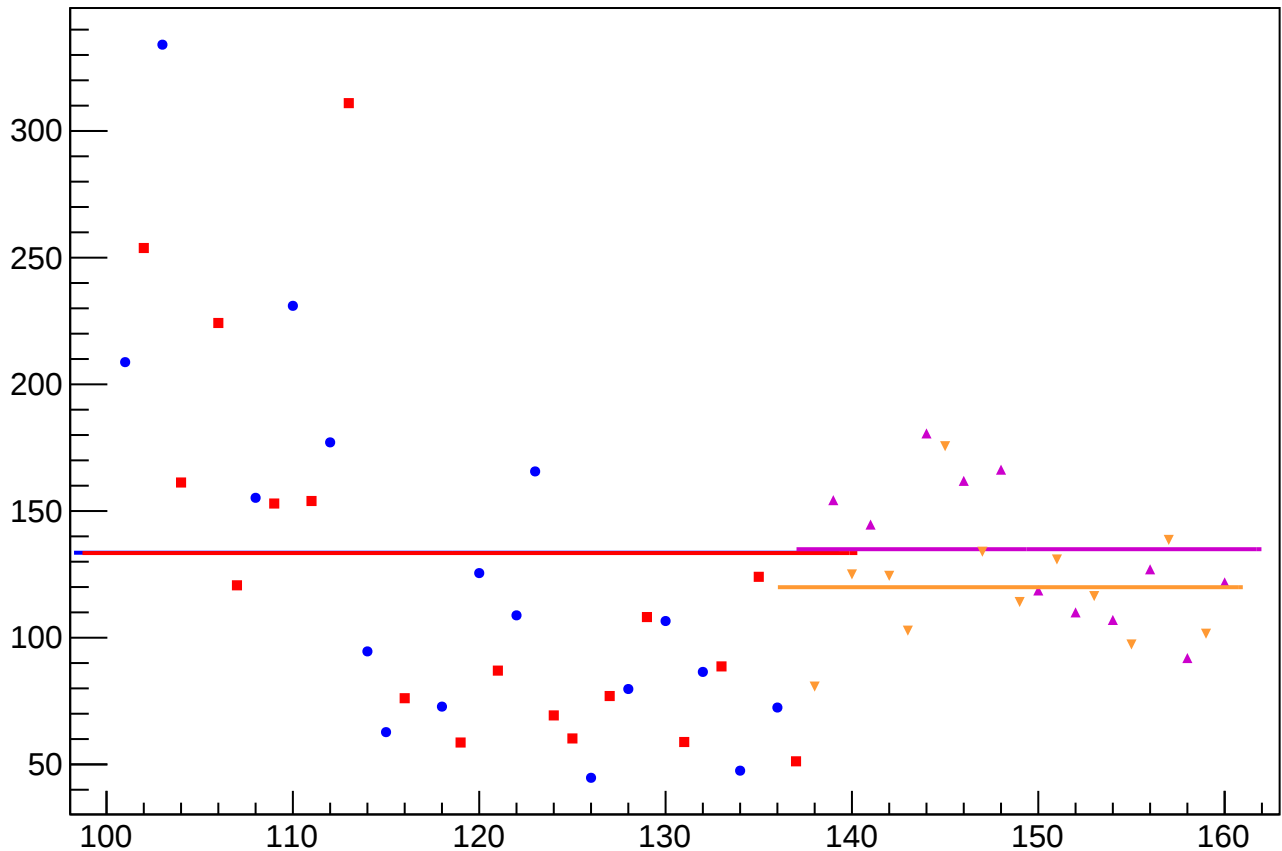
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_sam1_coil1_mean vs Slug



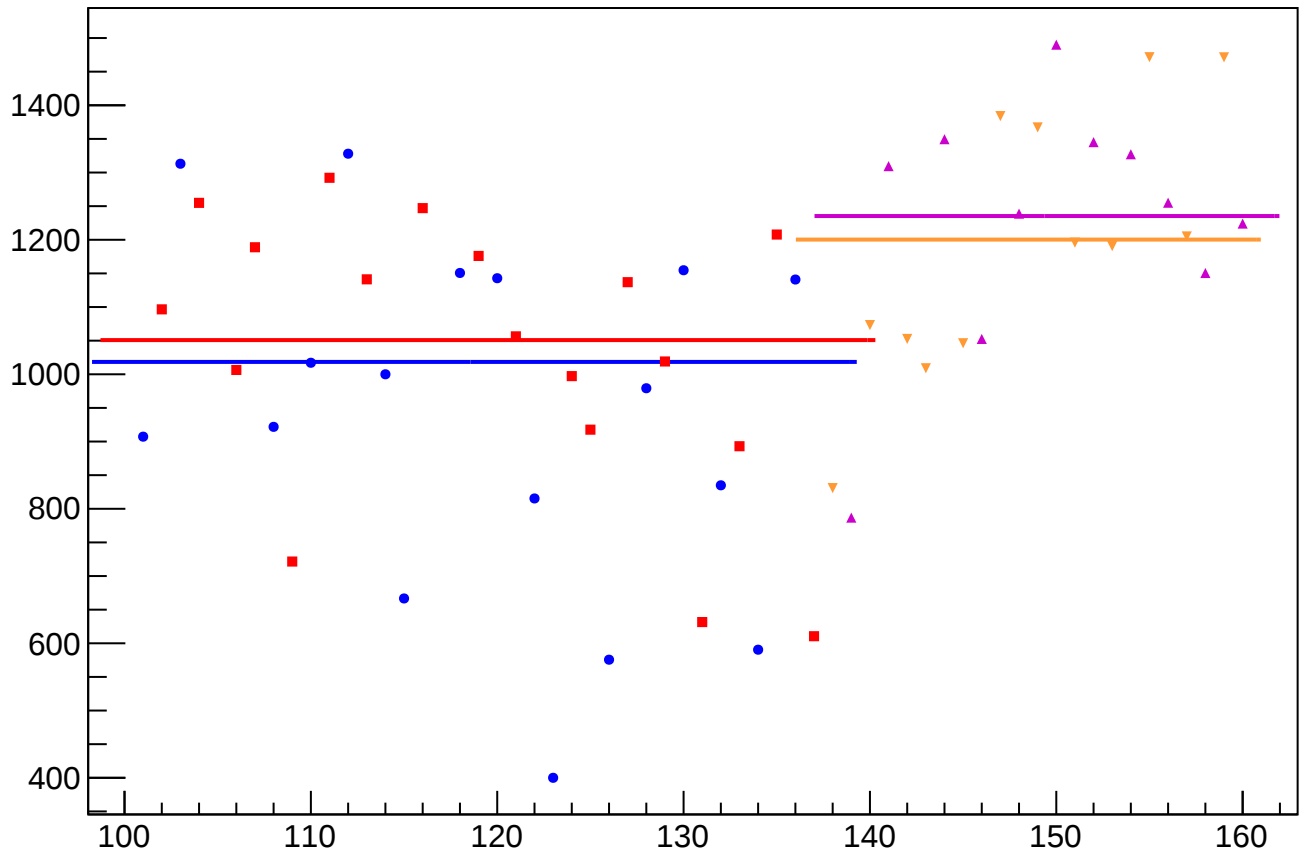
Right In: 2874.142+/-0.000	χ^2/NDF : 1331222919424099285024540359740568371200.0/16	+ sign 4619.518+/-0.000	χ^2/NDF : 78933086055234
Left Out: 5952.071+/-0.000	χ^2/NDF : 2833818943109615822191848442455285301248.0/11	All: 4770.709+/-0.000	χ^2/NDF : 15661205347
Right Out: 2802.151+/-0.000	χ^2/NDF : 1095477572477657195402092119674444578816.0/17	- 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



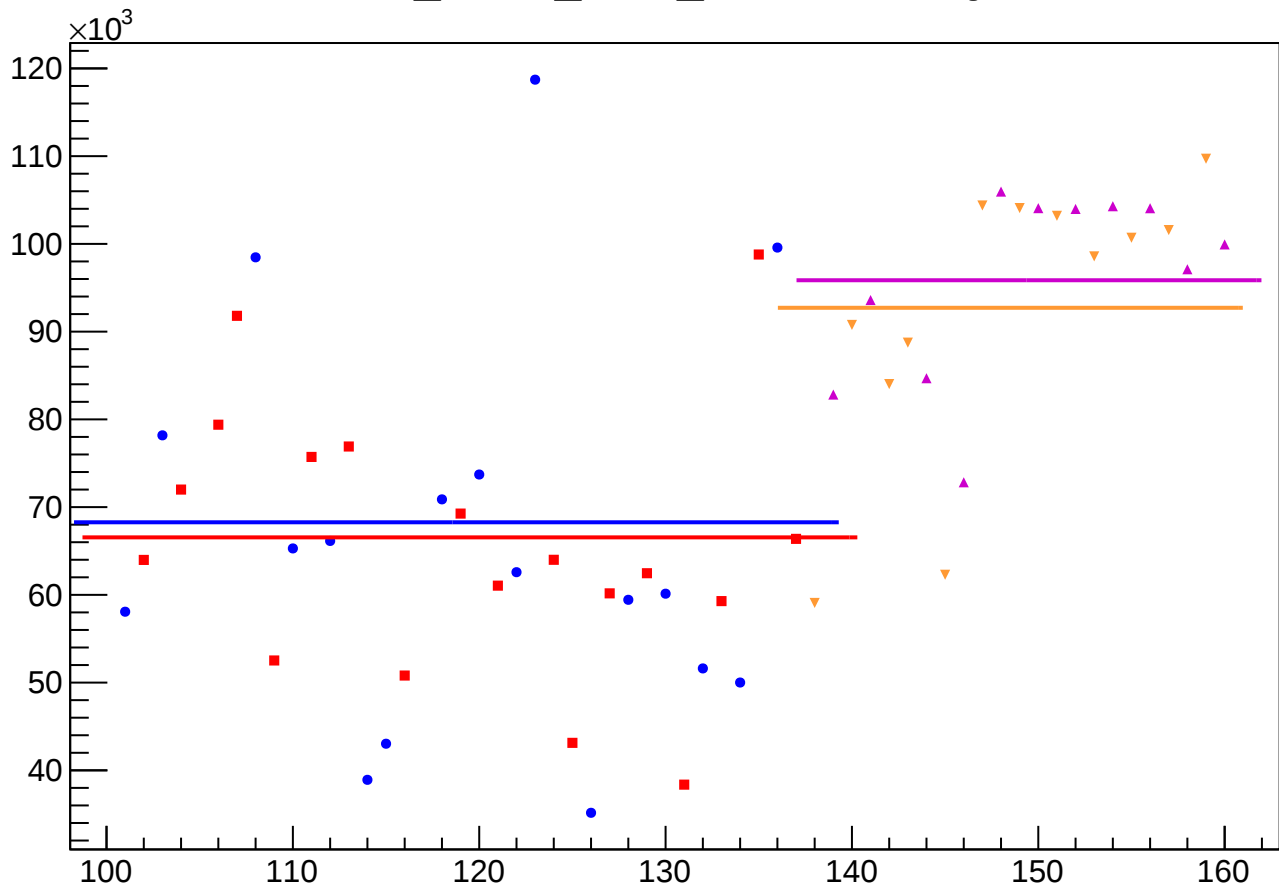
Right In: 133.542 $\pm$ 0.000 χ^2 /NDF: 4543635536863363524362136904007680000.0/16
 Left Out: 119.938 $\pm$ 0.000 χ^2 /NDF: 506287177502147090737971040893272064.0/11
 Right Out: 133.414 $\pm$ 0.000 χ^2 /NDF: 3923674220000100911612282920536899584.0/17
 Left In: 134.936 $\pm$ 0.000 χ^2 /NDF: 683742897306443646966443406983692288.0/10

dit_sam1_coil1_Ndata_mean vs Slug



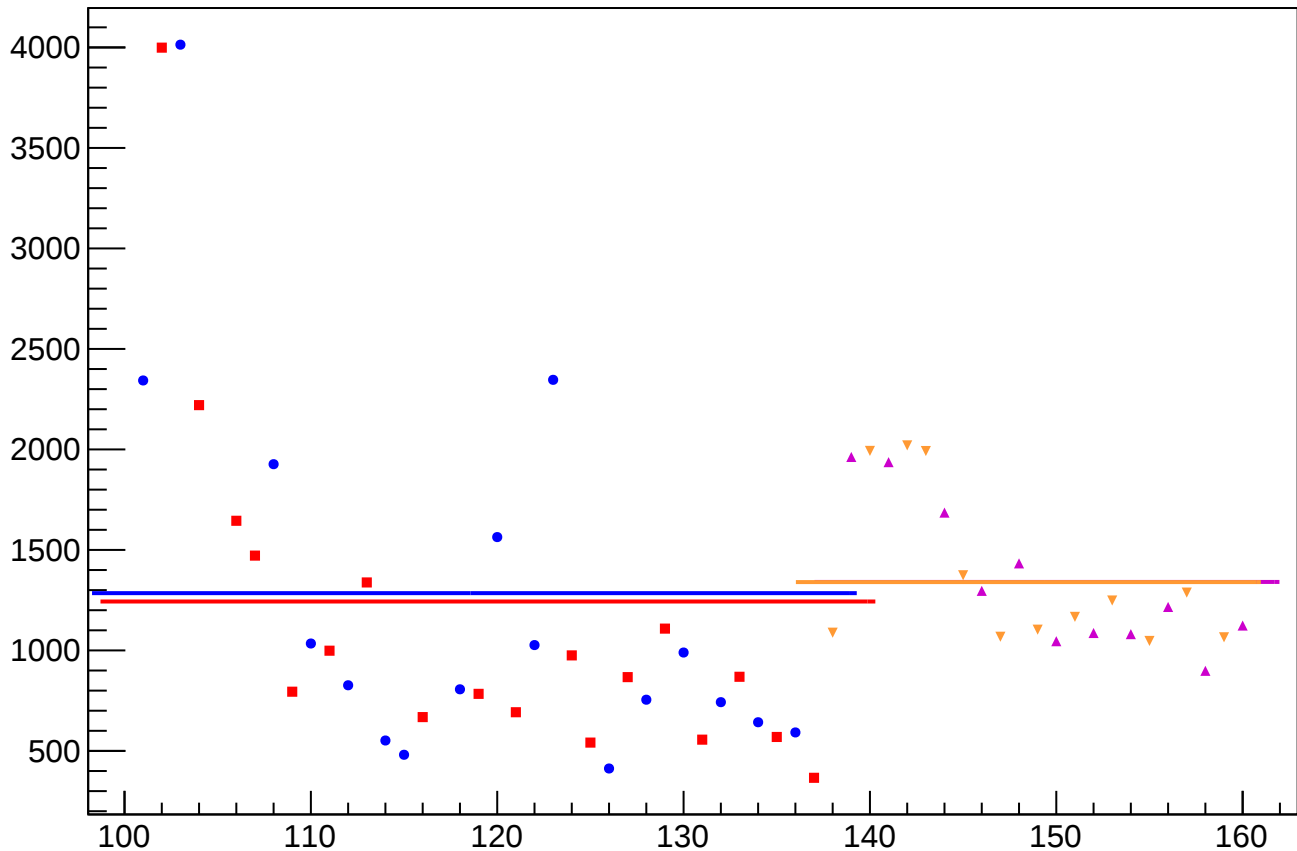
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam2_coil1_mean vs Slug



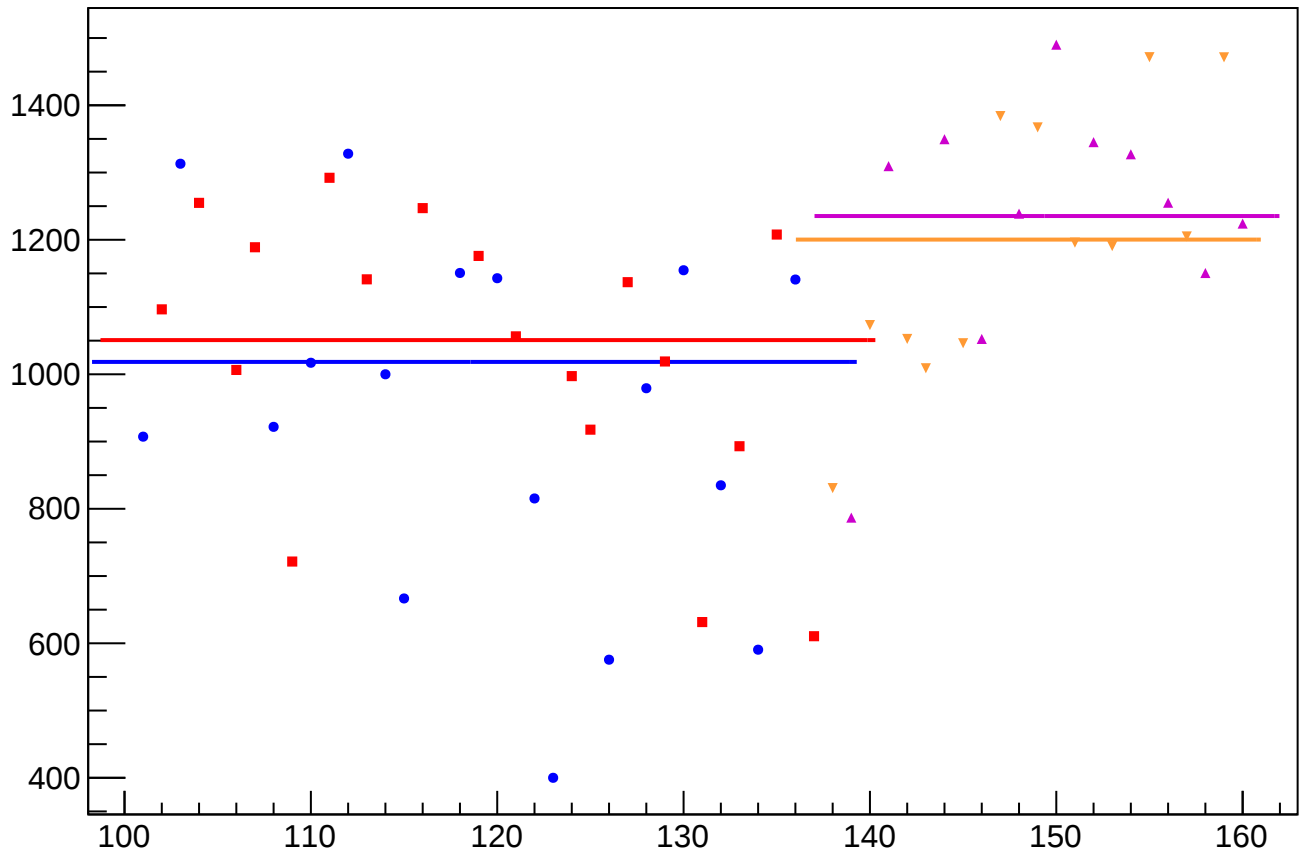
Right In: 68271.144 $\pm$ 0.000 χ^2 /NDF: 235026660939690757848337831565145453625344.0/16
 Left Out: 92717.908 $\pm$ 0.000 χ^2 /NDF: 232153760216632352324453742795605416083456.0/11
 Right Out: 66552.333 $\pm$ 0.000 χ^2 /NDF: 160169834970936771160063883899631076114432.0/17
 Left In: 95856.790 $\pm$ 0.000 χ^2 /NDF: 102994954285402902924974022528111745171456.0/10

dit_sam2_coil1_err_mean vs Slug



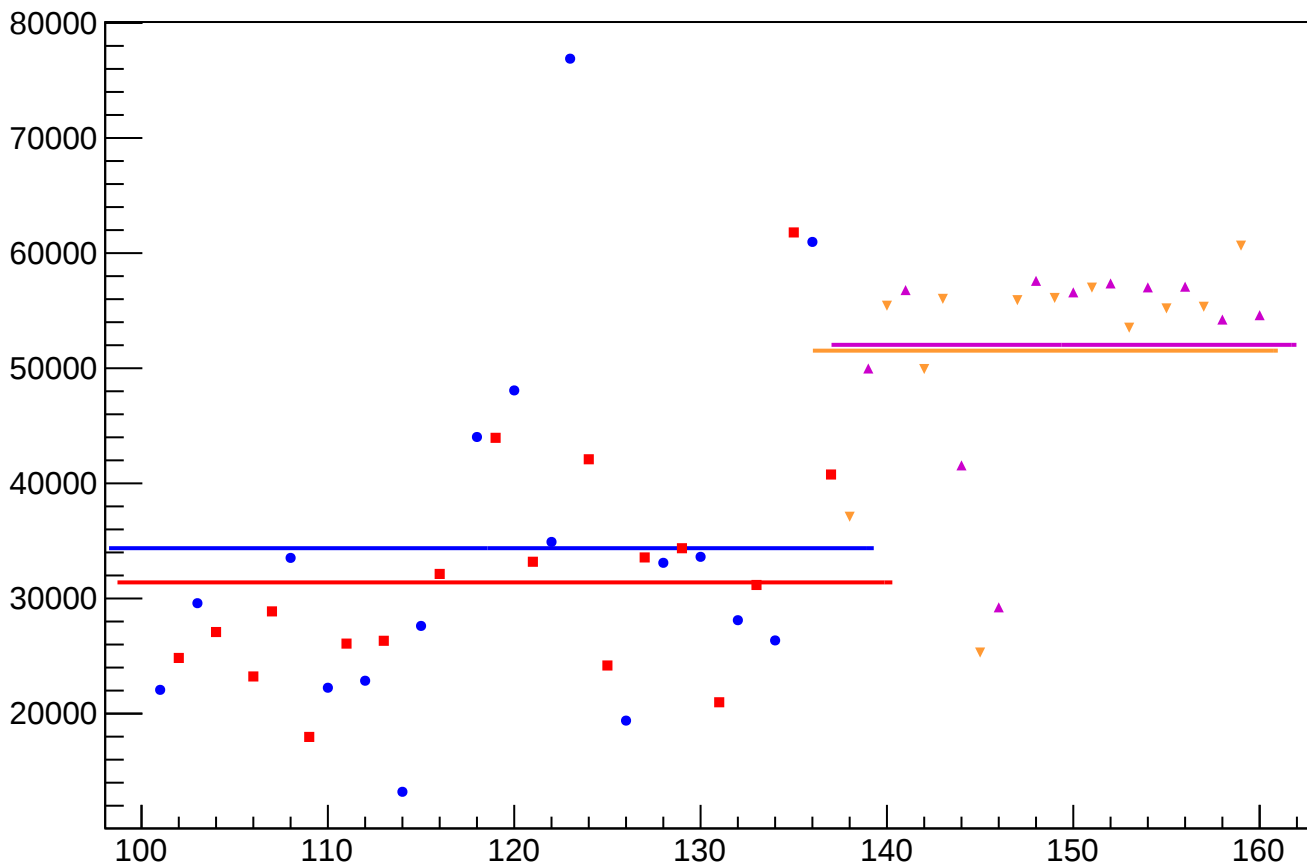
Right In: 1284.940+/-0.000 χ^2/NDF : 683539831030777721568567692799915327488.0/16
 Left Out: 1340.000+/-0.000 χ^2/NDF : 116326245376352875631706190484755972096.0/11
 Right Out: 1243.357+/-0.000 χ^2/NDF : 625737092307119238017872949095807582208.0/17
 Left In: 1340.697+/-0.000 χ^2/NDF : 113497084889581869864754089979493220352.0/10

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

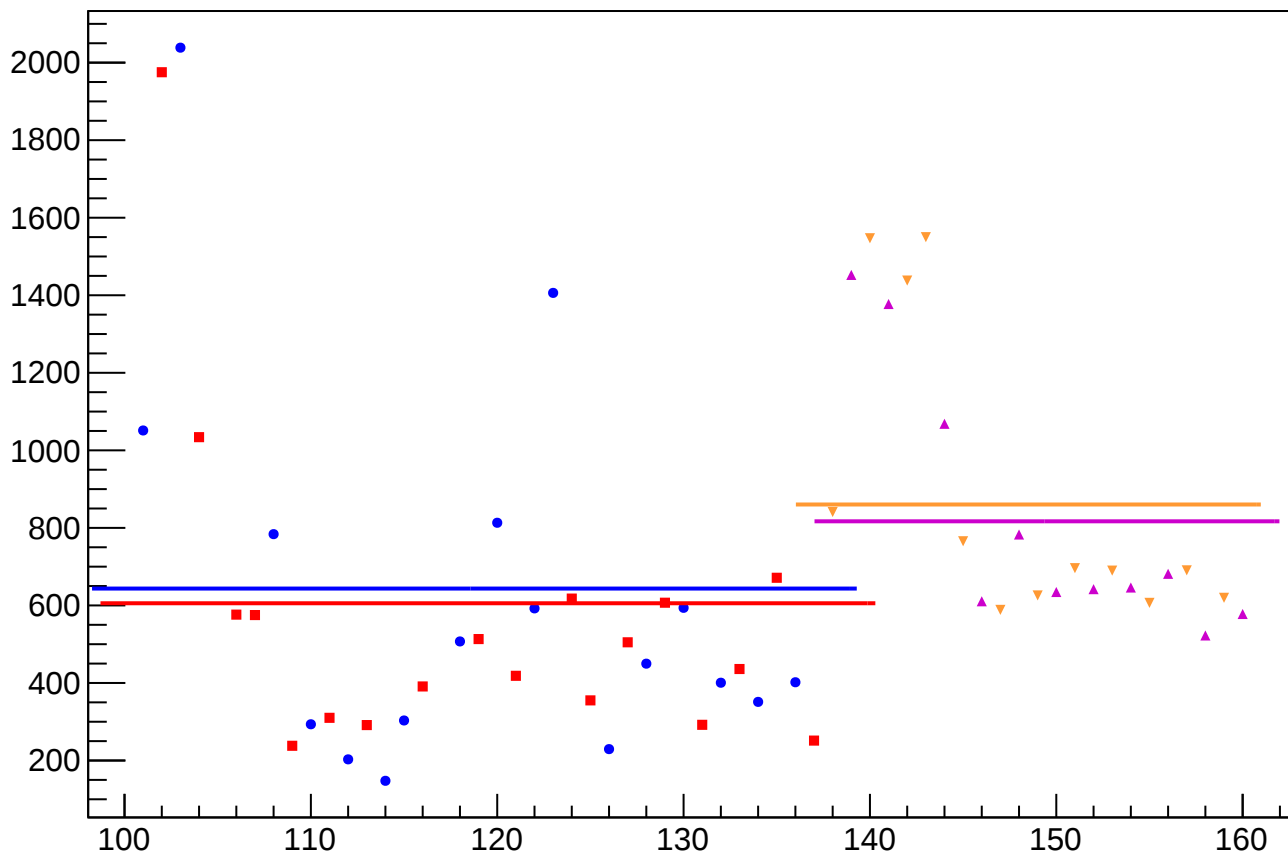
dit_sam3_coil1_mean vs Slug



Right In: 34369.403+/-0.000	χ^2/NDF : 121175034584498762854553117020903178240000.0/16
Left Out: 51528.453+/-0.000	χ^2/NDF : 87309132481343179098596905129114857373696.0/11
Right Out: 31397.869+/-0.000	χ^2/NDF : 79791187049723357576303825736183029170176.0/17
Left In: 52033.522+/-0.000	χ^2/NDF : 67338083803269731476711249699025786503168.0/10

+ sign 44099.644+/-0.000 χ^2/NDF : 3243555748112
 All: 43583.046+/-0.000 χ^2/NDF : 6447008327
 - sign 43080.553+/-0.000 χ^2/NDF : 3195013417479

dit_sam3_coil1_err_mean vs Slug



Right In: 643.513+/-0.000 χ^2/NDF : 166606755510131009794947888972916850688.0/16

Left Out: 860.333+/-0.000 χ^2/NDF : 113447619211020210726400023771184365568.0/11

Right Out: 605.599+/-0.000 χ^2/NDF : 146641318103644748879900892058773094400.0/17

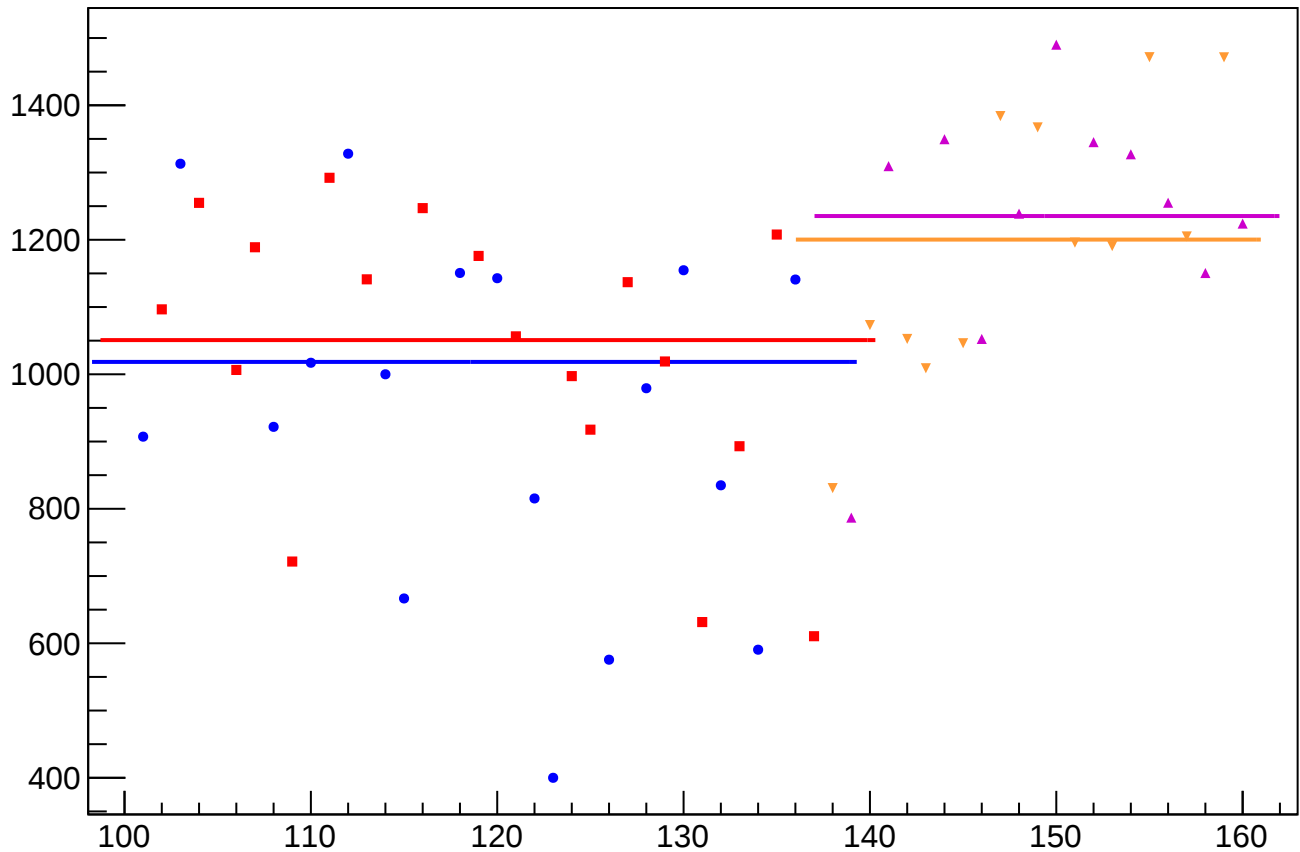
Left In: 816.958+/-0.000 χ^2/NDF : 90193686816714640570749106655187697664.0/10

+ sign 766.464+/-0.000 χ^2/NDF : 298555143220356

All: 745.576+/-0.000 χ^2/NDF : 554852876673

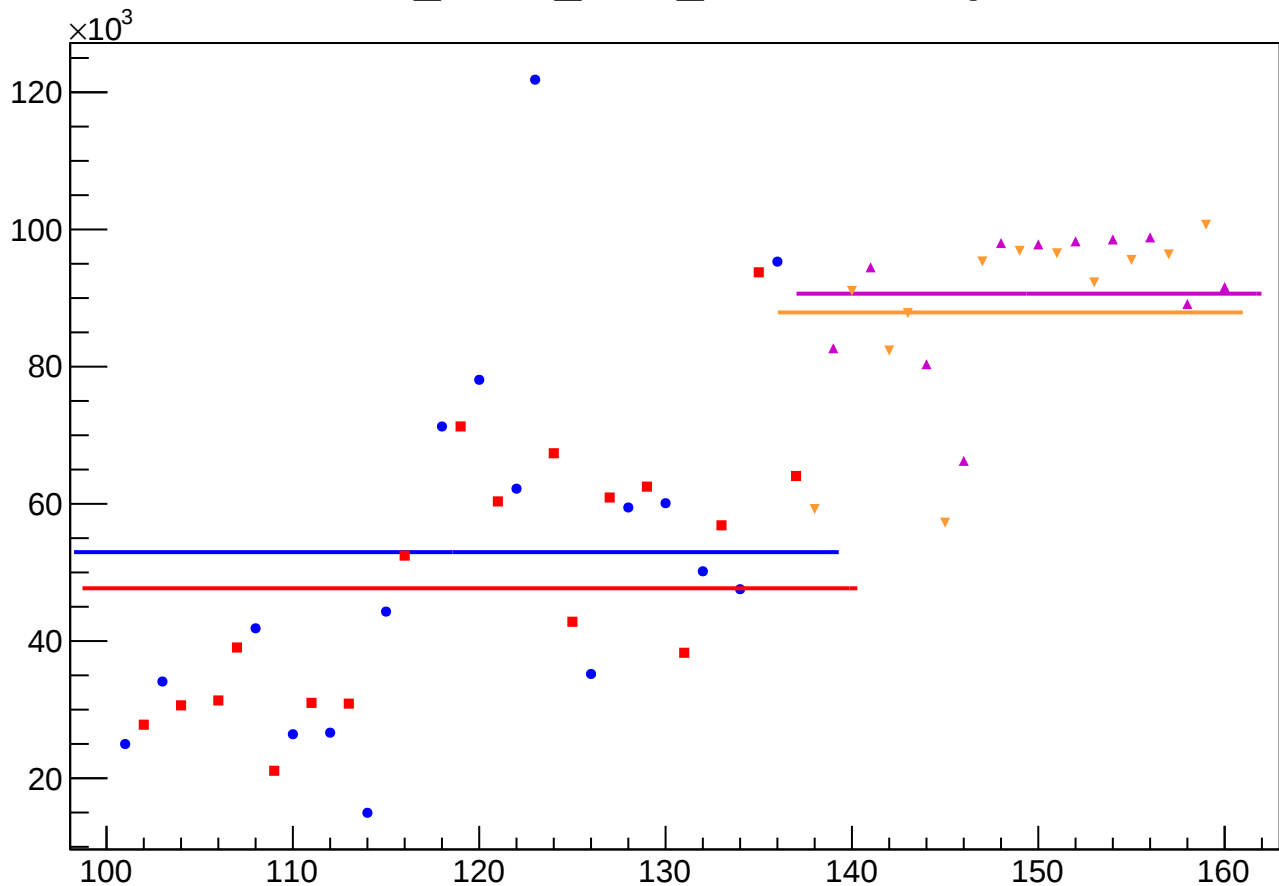
- sign 725.258+/-0.000 χ^2/NDF : 254918032324737

dit_sam3_coil1_Ndata_mean vs Slug



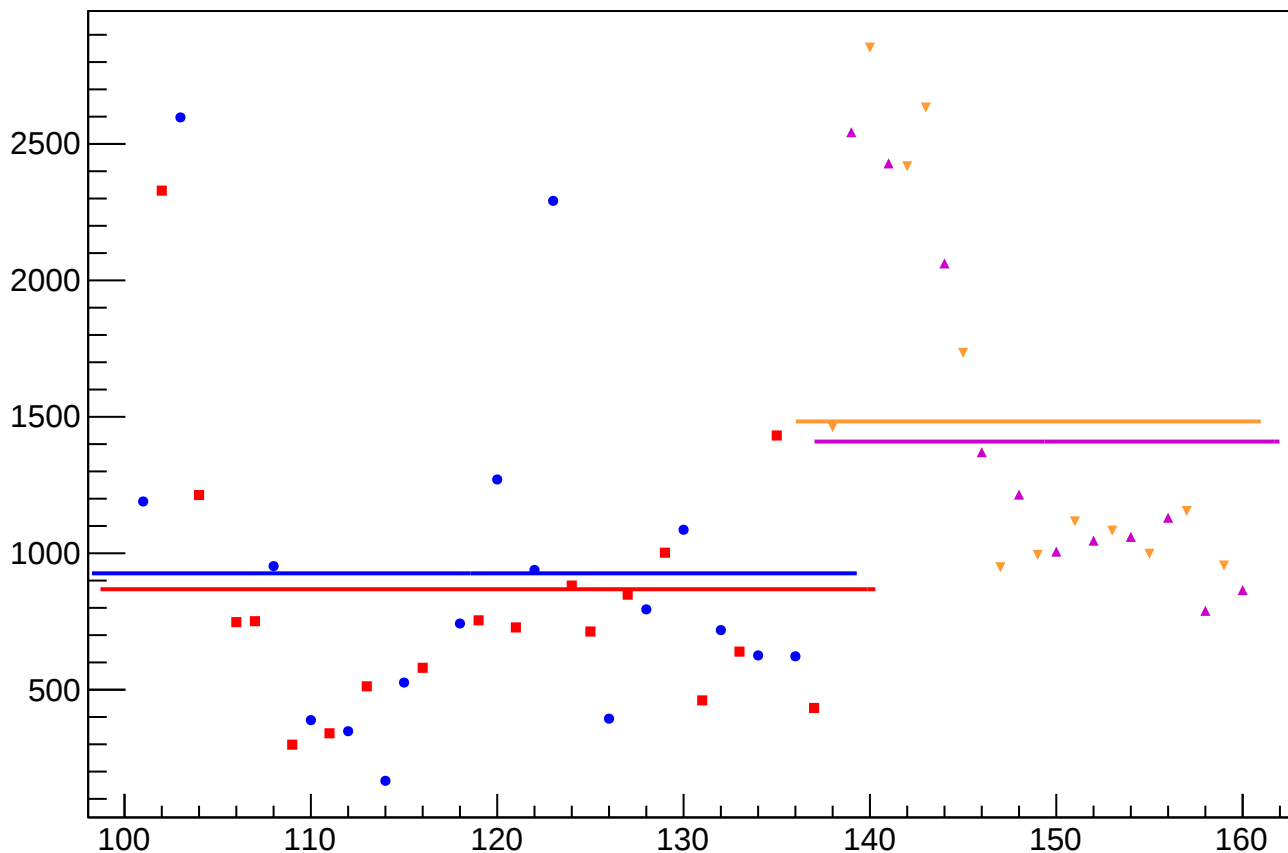
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_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

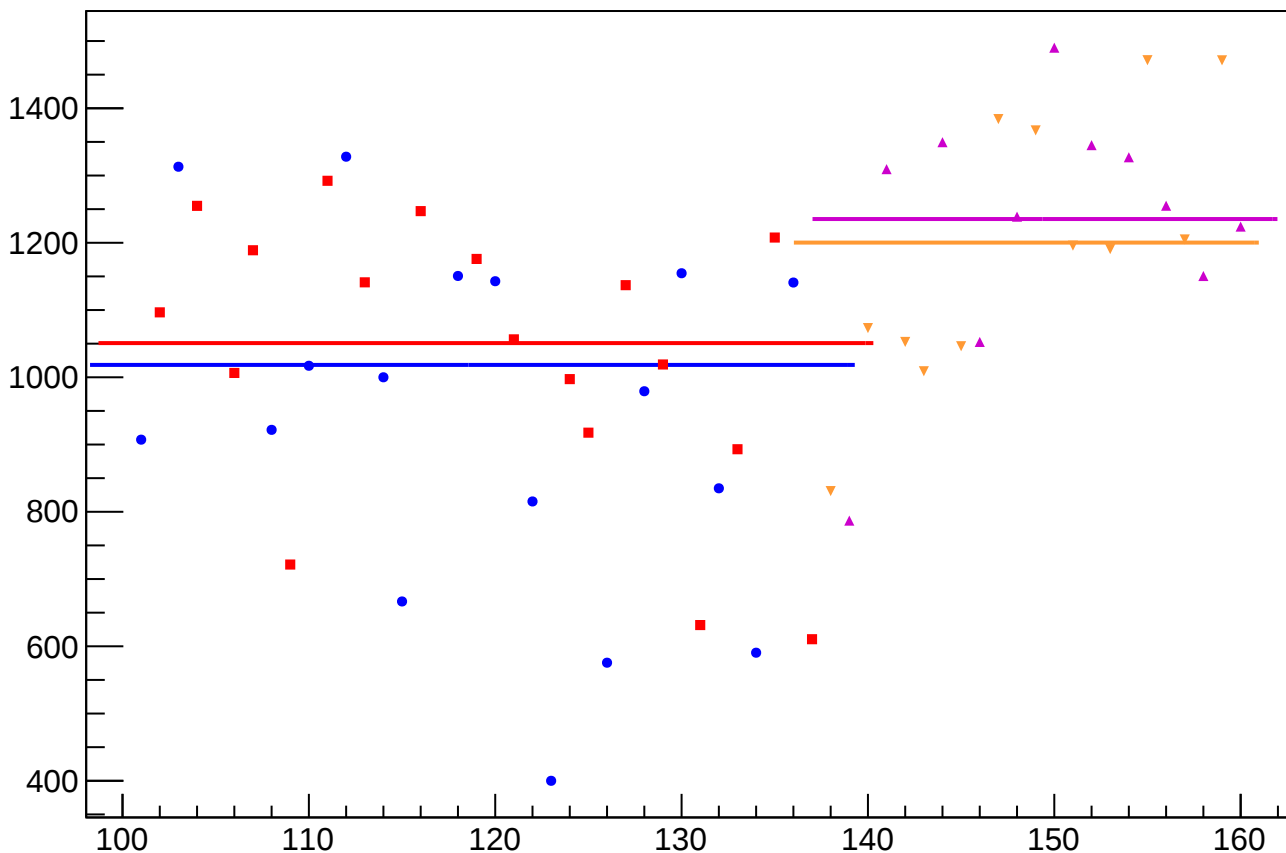
Left In: 1409.297+/-0.000 χ^2/NDF : 332711527563971352496330414058593320960.0/10

+ 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

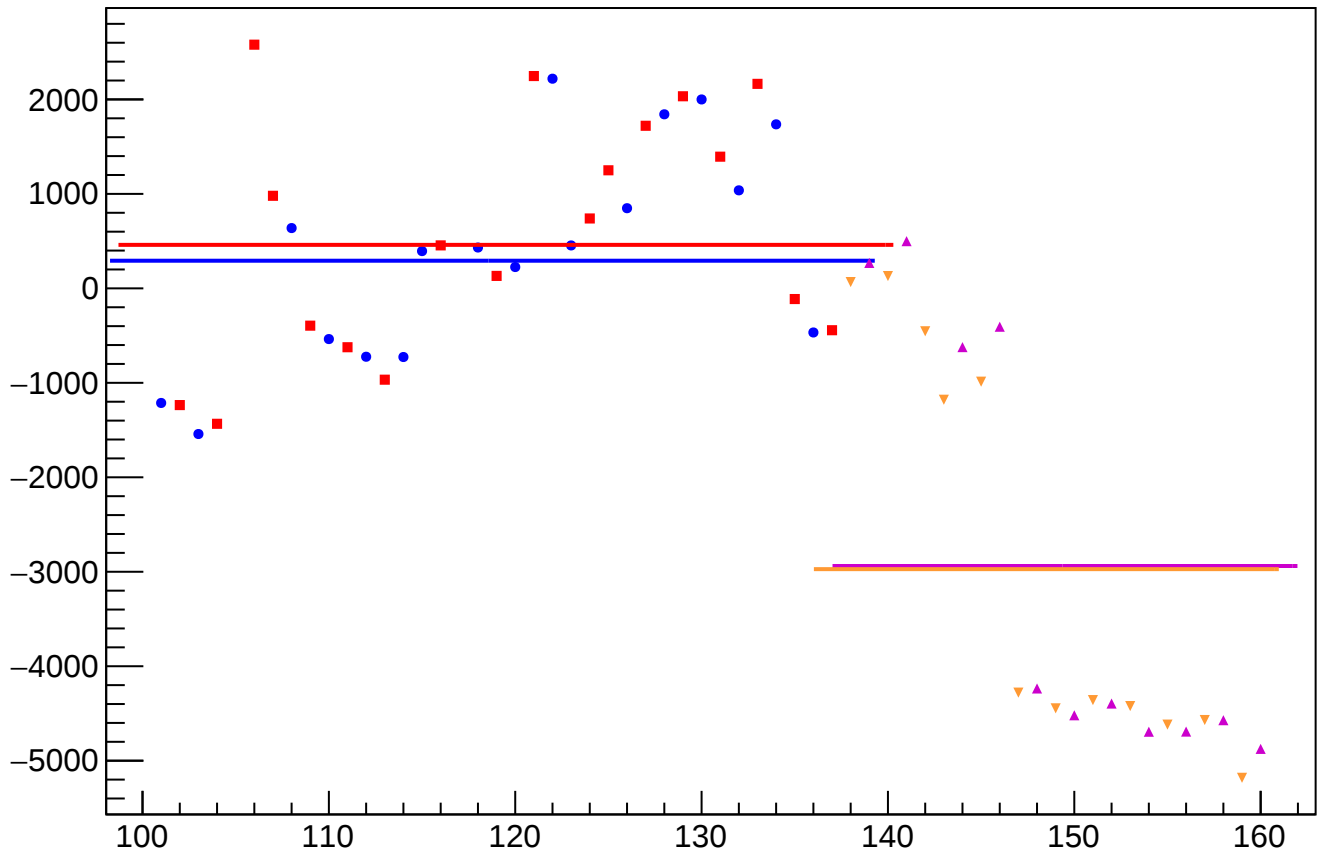
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ 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

+ sign -1558.765+/-0.000 χ^2/NDF : 8948826687120

Left Out: -2972.256+/-0.000 χ^2/NDF : 3761676179645694438437077561605877661696.0/11

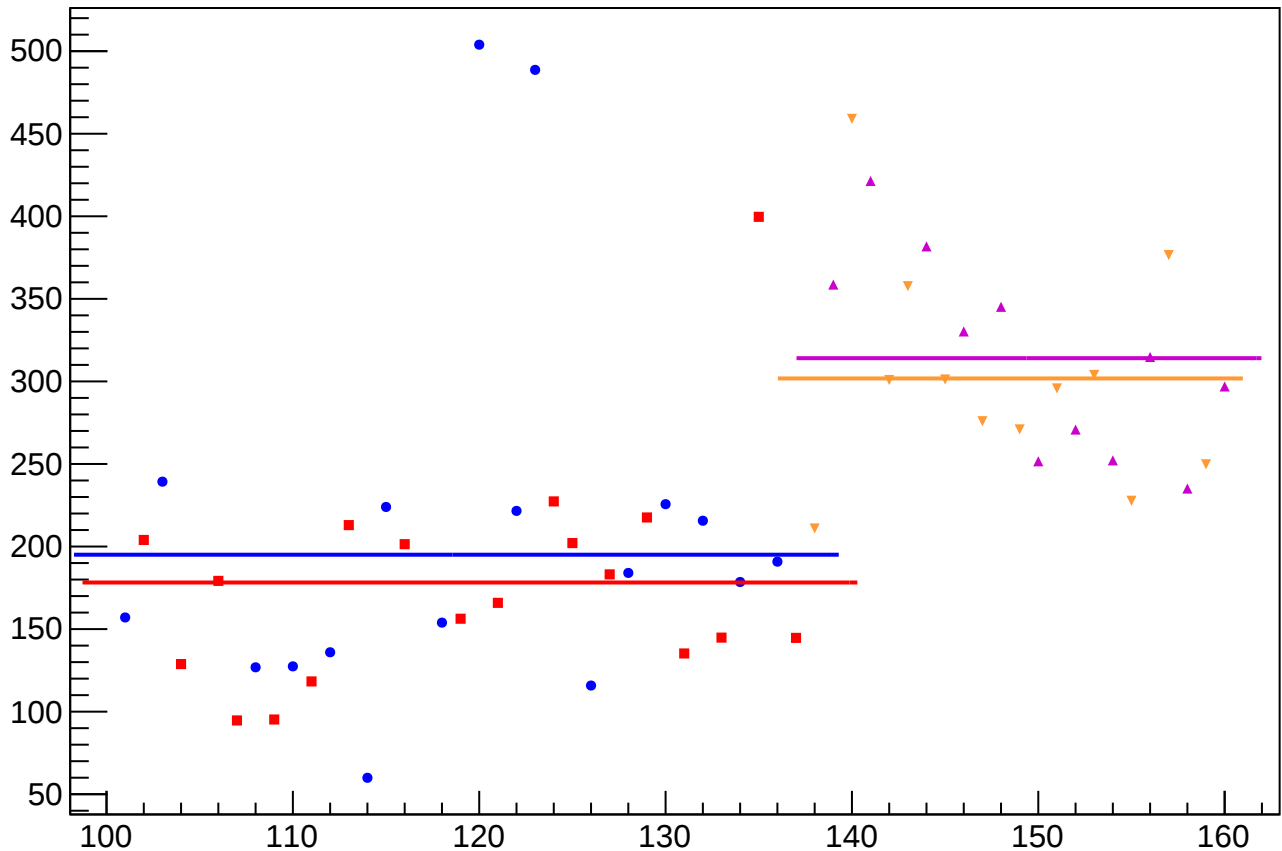
All: -1510.775+/-0.000 χ^2/NDF : 1927756416

Right Out: 460.444+/-0.000 χ^2/NDF : 1195390620297922800798852366593102446592.0/17

- sign -1464.096+/-0.000 χ^2/NDF : 10321454832084

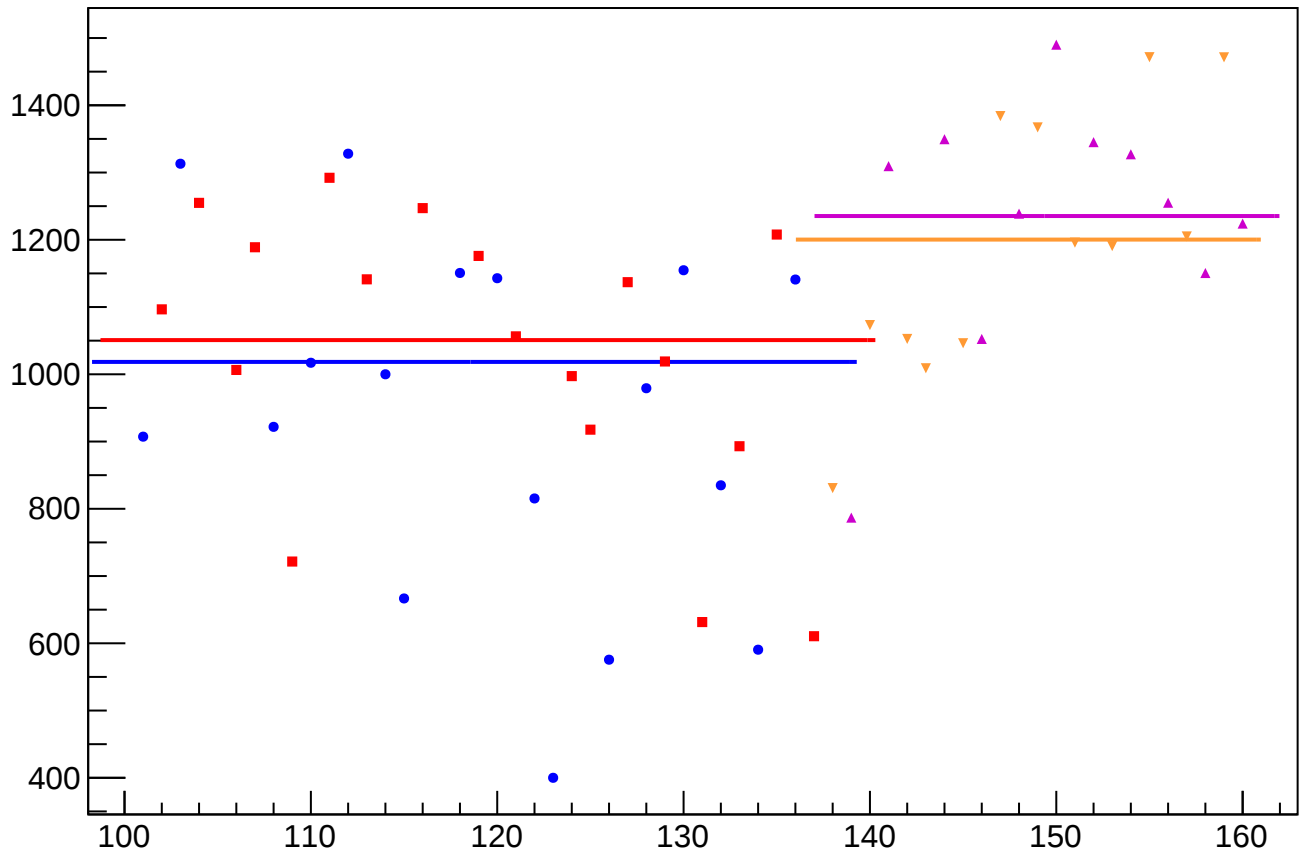
Left In: -2938.958+/-0.000 χ^2/NDF : 4448330371719931217957339295057738465280.0/10

dit_sam5_coil1_err_mean vs Slug



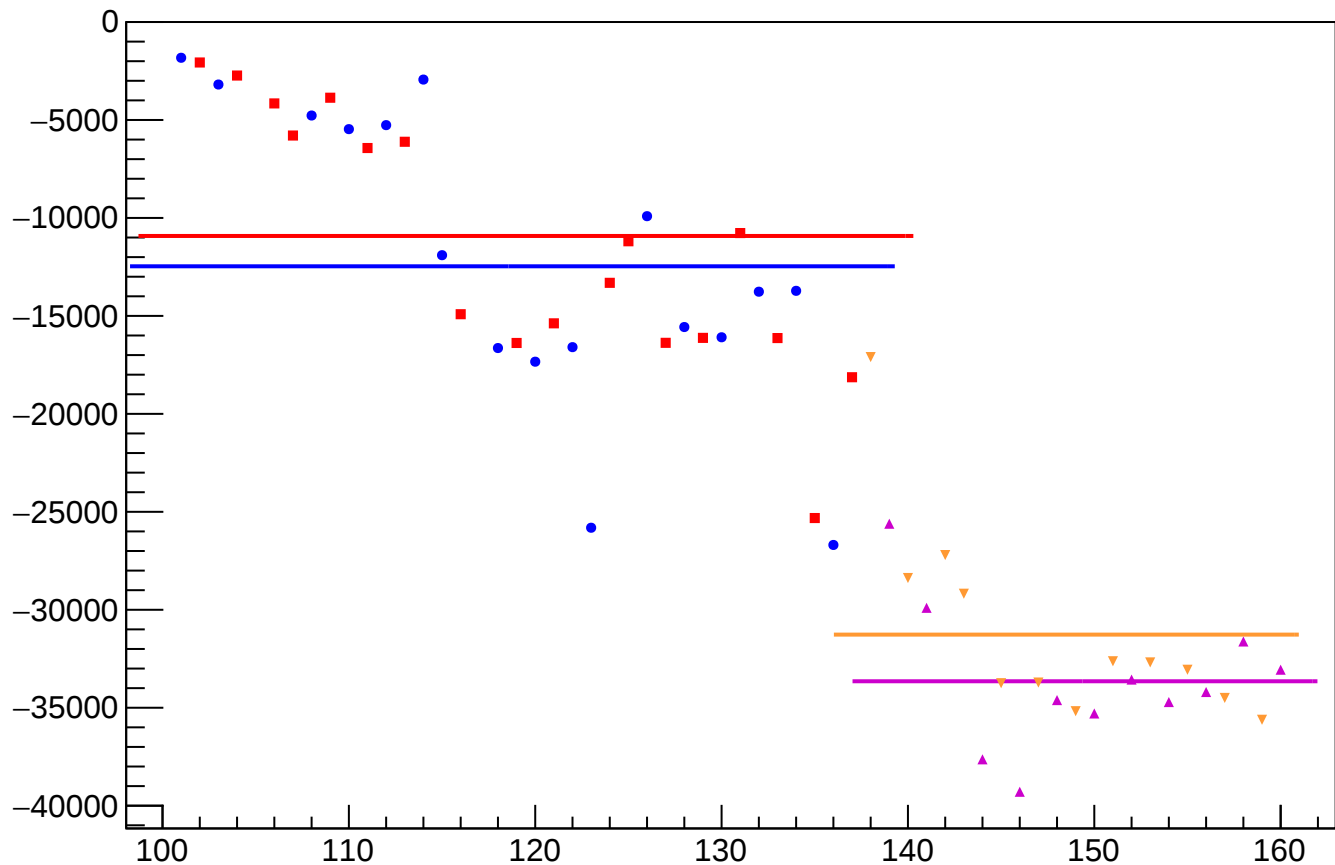
Right In: 195.049+/-0.000	χ^2/NDF : 5080024494184824251769530857650388992.0/16	+ sign 255.586+/-0.000	χ^2/NDF : 136491698964325
Left Out: 301.805+/-0.000	χ^2/NDF : 4084053009607102608824389490062655488.0/11	All: 255.357+/-0.000	χ^2/NDF : 27795325486
Right Out: 178.222+/-0.000	χ^2/NDF : 3636798558444840391154572885518974976.0/17	- sign 255.134+/-0.000	χ^2/NDF : 141459895048488
Left In: 314.075+/-0.000	χ^2/NDF : 3038378746515633770905831871124340736.0/10		

dit_sam5_coil1_Ndata_mean vs Slug



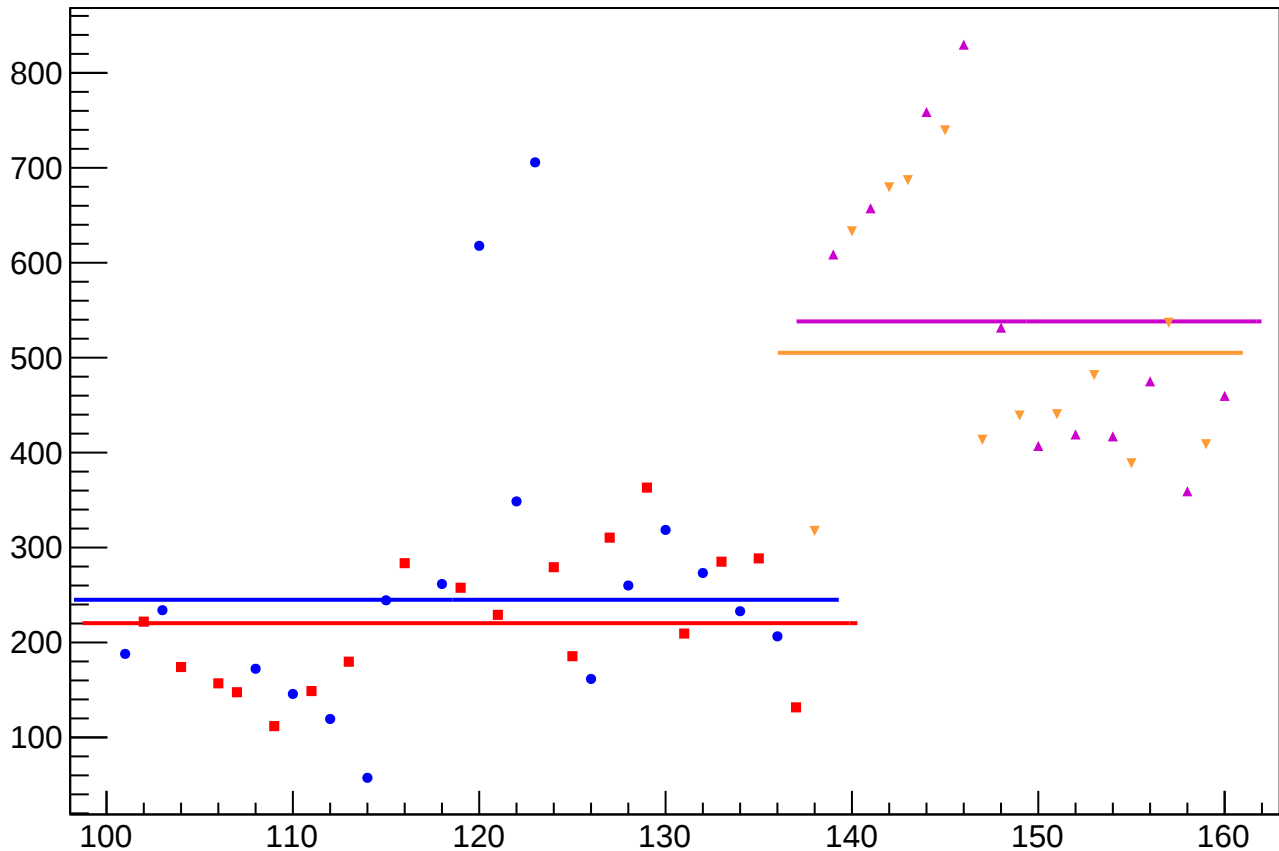
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam6_coil1_mean vs Slug



Right In: -12468.200+/-0.000	χ^2/NDF : 41947810781860597740124287766684235726848.0/16
Left Out: -31267.411+/-0.000	+ sign -23128.514+/-0.000 χ^2/NDF : 203501578140
Right Out: -10920.089+/-0.000	χ^2/NDF : 22472352508992692811157309504314979385344.0/11
Left In: -33648.648+/-0.000	All: -23462.645+/-0.000 χ^2/NDF : 456426709
	- sign -23787.653+/-0.000 χ^2/NDF : 2525720879741

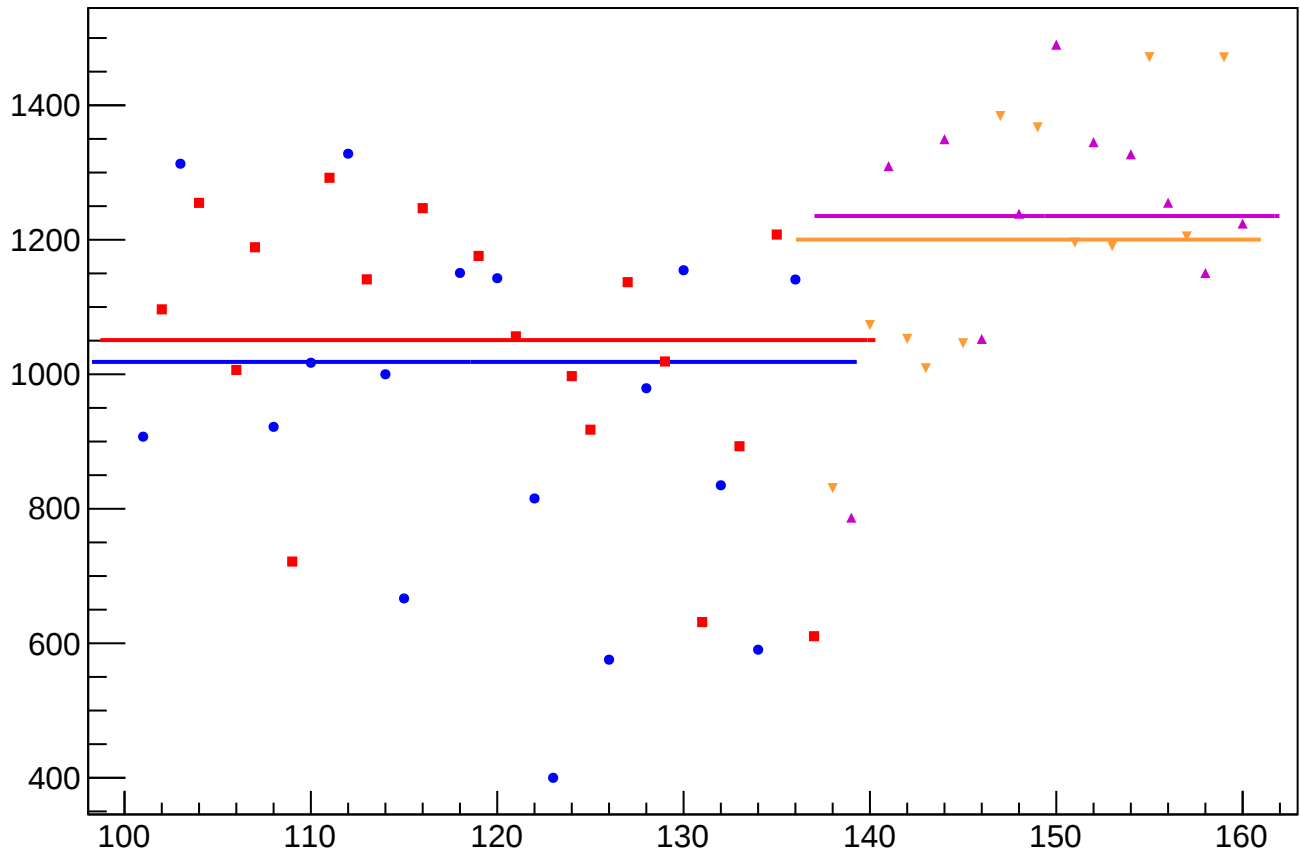
dit_sam6_coil1_err_mean vs Slug



Right In: 244.994+/-0.000 χ^2/NDF : 8873183370170999334634045001787506688.0/16
 Left Out: 505.129+/-0.000 χ^2/NDF : 15272519684305825551143996818058117120.0/11
 Right Out: 220.353+/-0.000 χ^2/NDF : 3356691284213126680510243475038404608.0/17
 Left In: 538.207+/-0.000 χ^2/NDF : 20524569412911645618745037593493110784.0/10

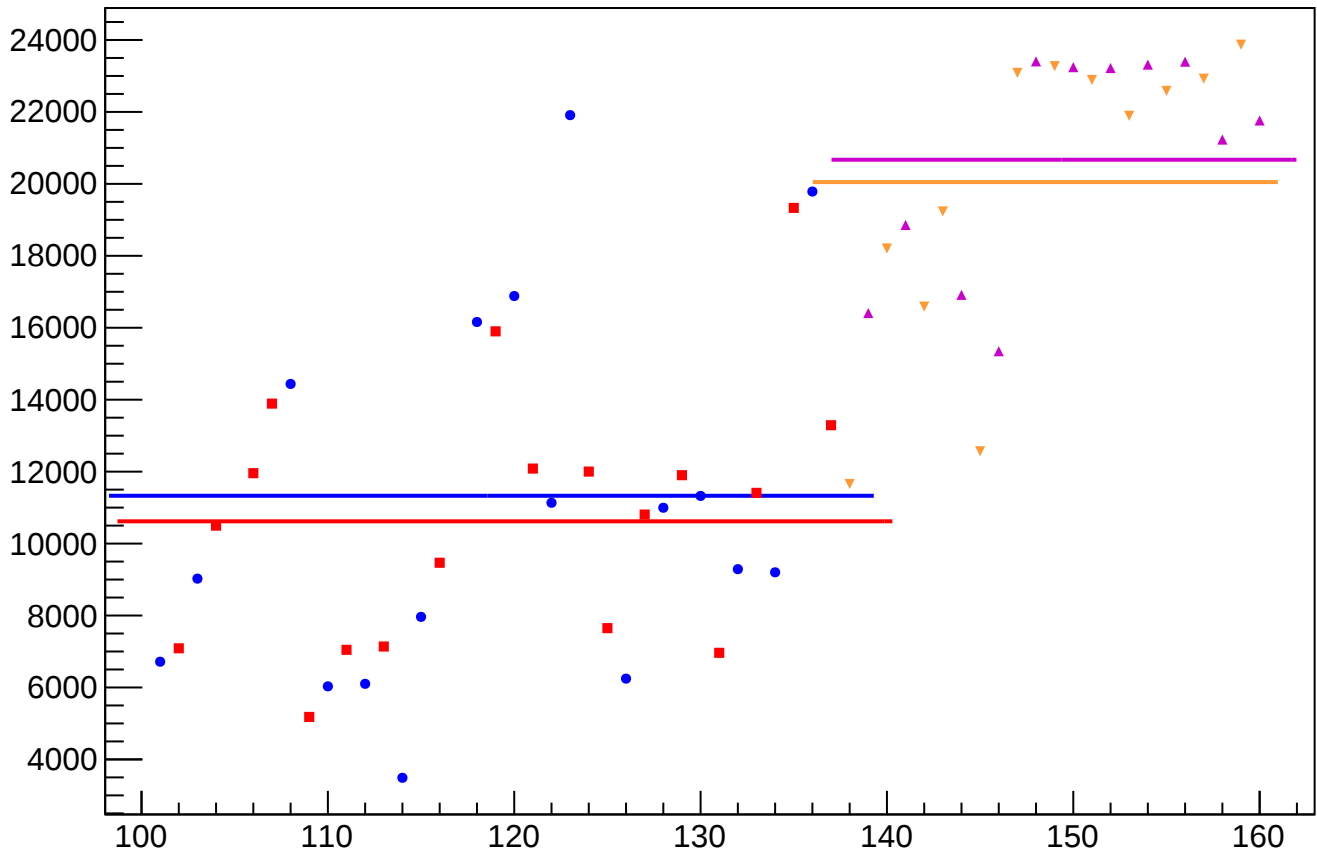
+ sign 392.506+/-0.000 χ^2/NDF : 507765180649784
 All: 396.459+/-0.000 χ^2/NDF : 115603625590
 - sign 400.303+/-0.000 χ^2/NDF : 647777116384331

dit_sam6_coil1_Ndata_mean vs Slug



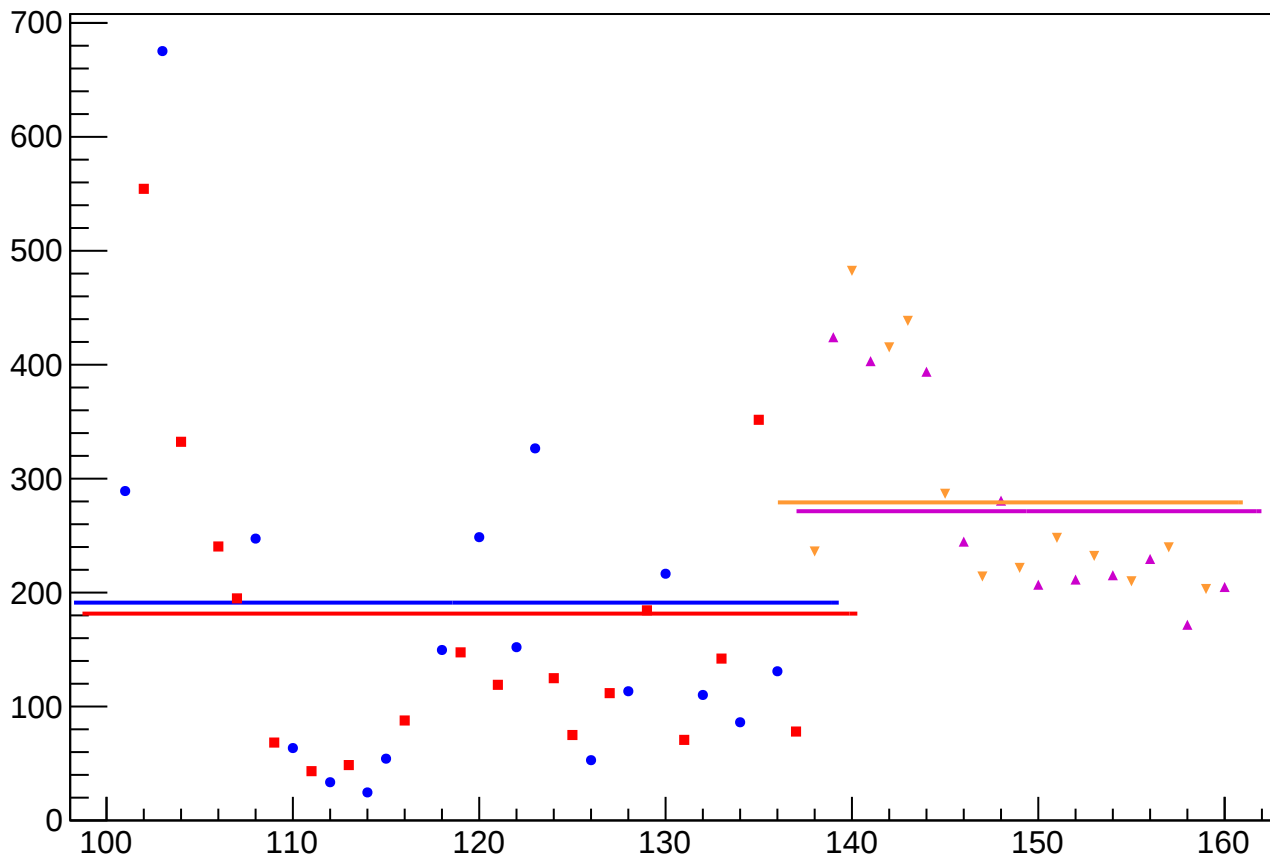
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

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

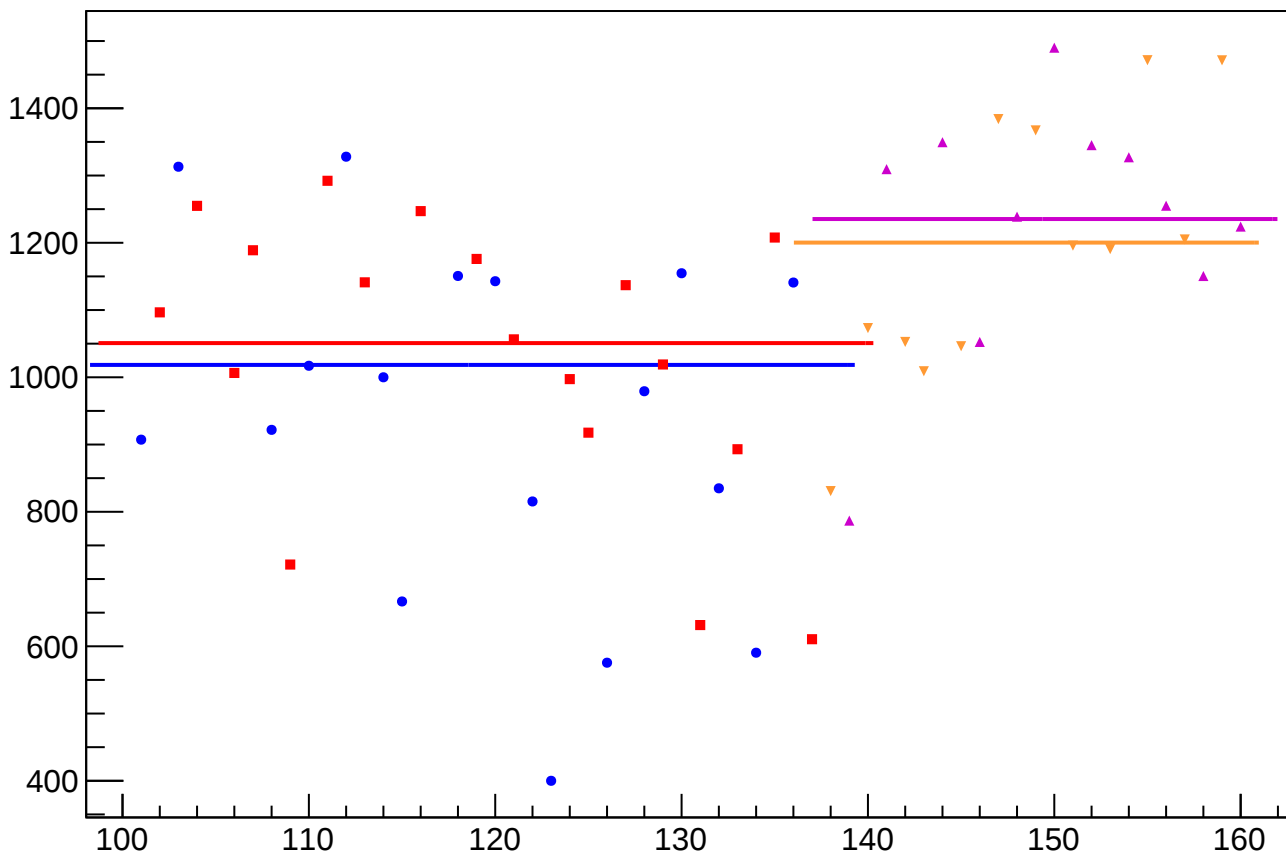
Left In: 271.426 ± 0.000 χ^2/NDF : 7049081855860572674907173749109293056.0/10

+ 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+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

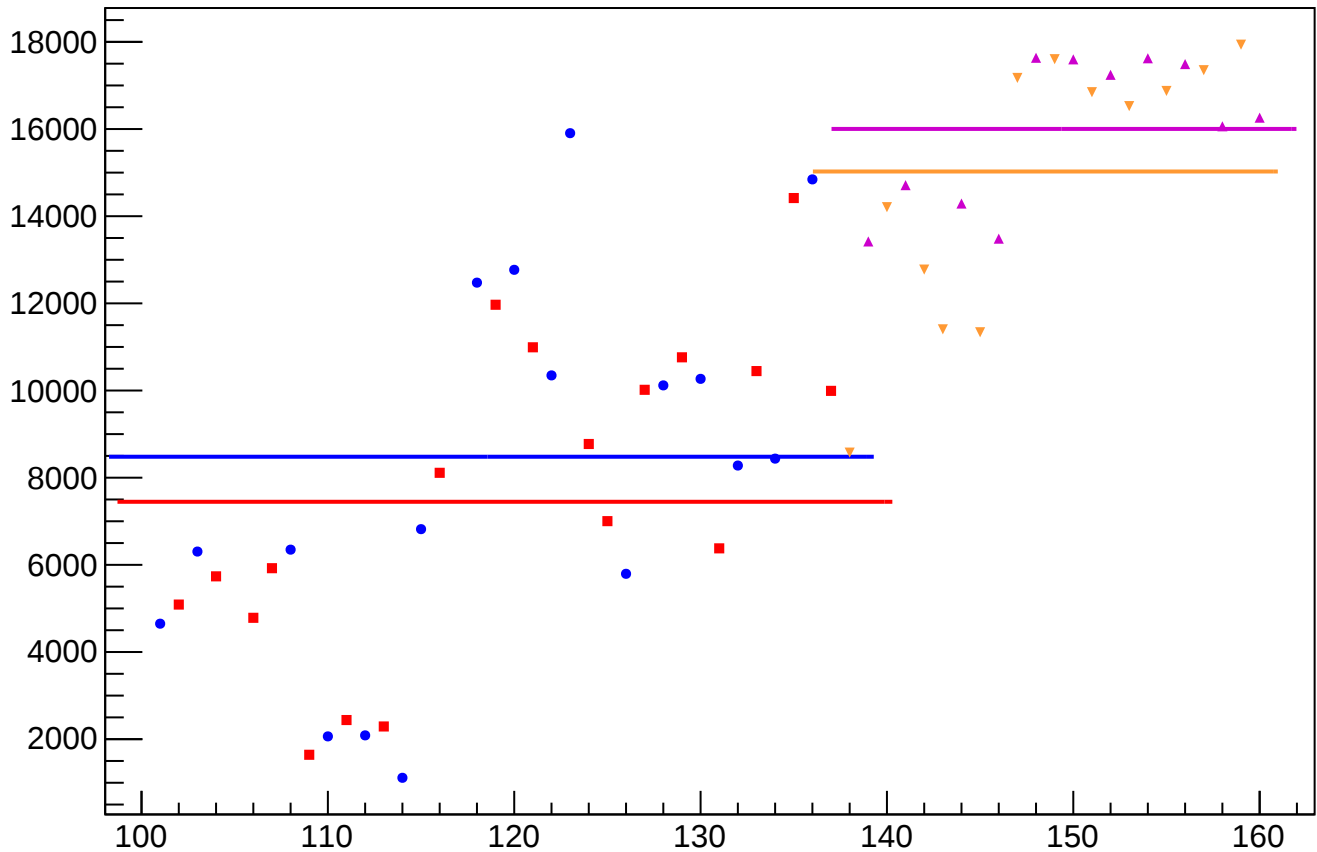
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

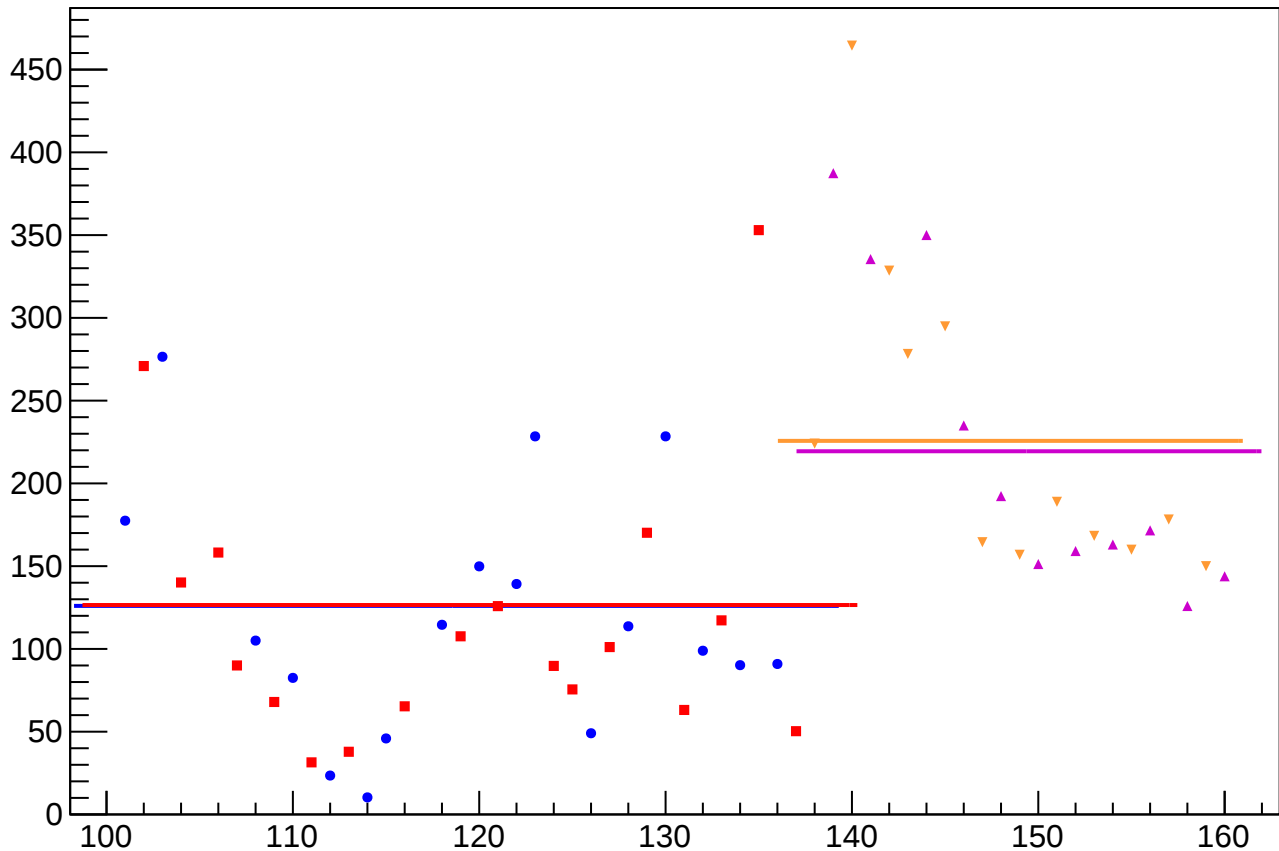
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam8_coil1_mean vs Slug



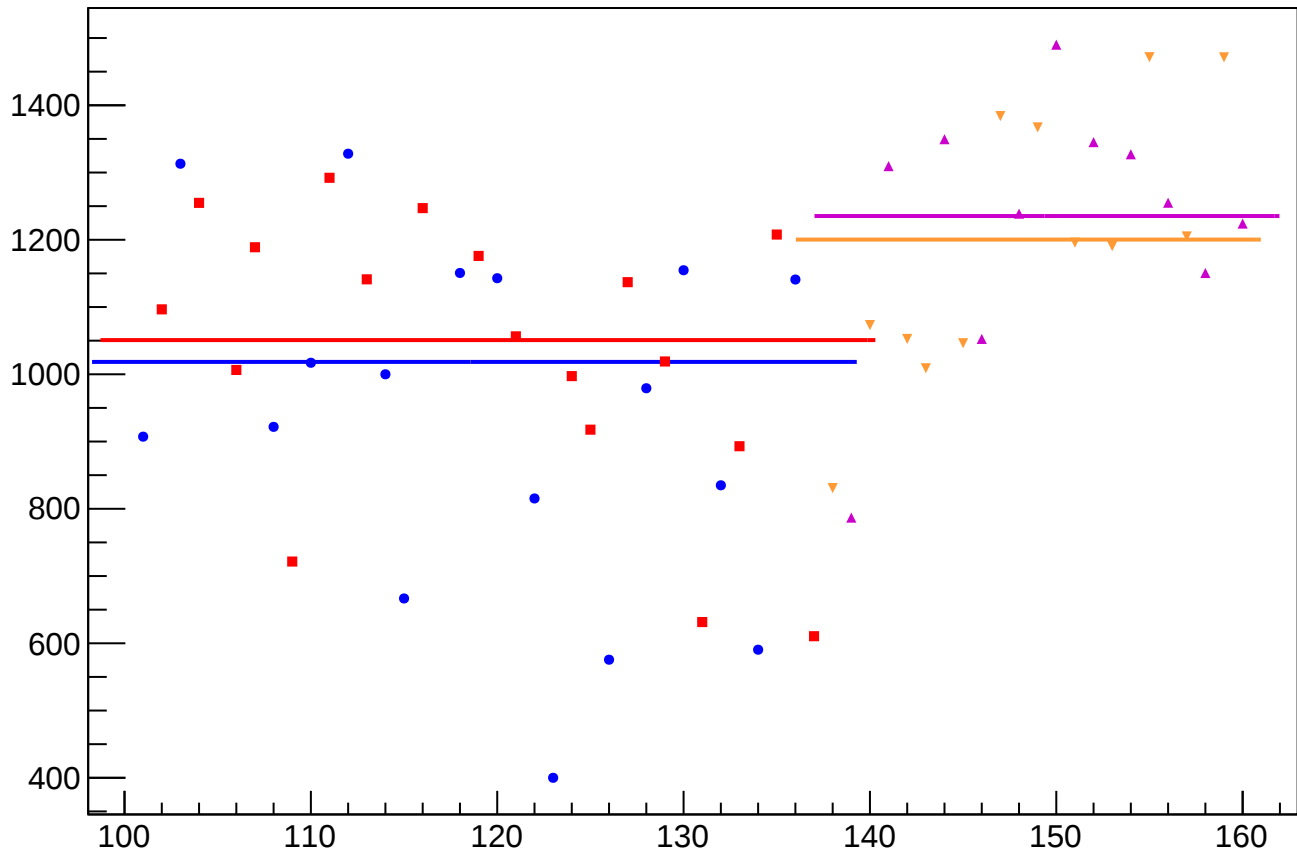
Right In: 8480.889 $\pm$ 0.000 χ^2 /NDF: 11499484754166446401410720405854359650304.0/16
 Left Out: 15025.757 $\pm$ 0.000 χ^2 /NDF: 8187740092033082050104349904869741559808.0/11
 Right Out: 7447.217 $\pm$ 0.000 χ^2 /NDF: 10045808642952263494281474112188504342528.0/17
 Left In: 16002.617 $\pm$ 0.000 χ^2 /NDF: 2475406713829870725608341548092805349376.0/10

dit_sam8_coil1_err_mean vs Slug



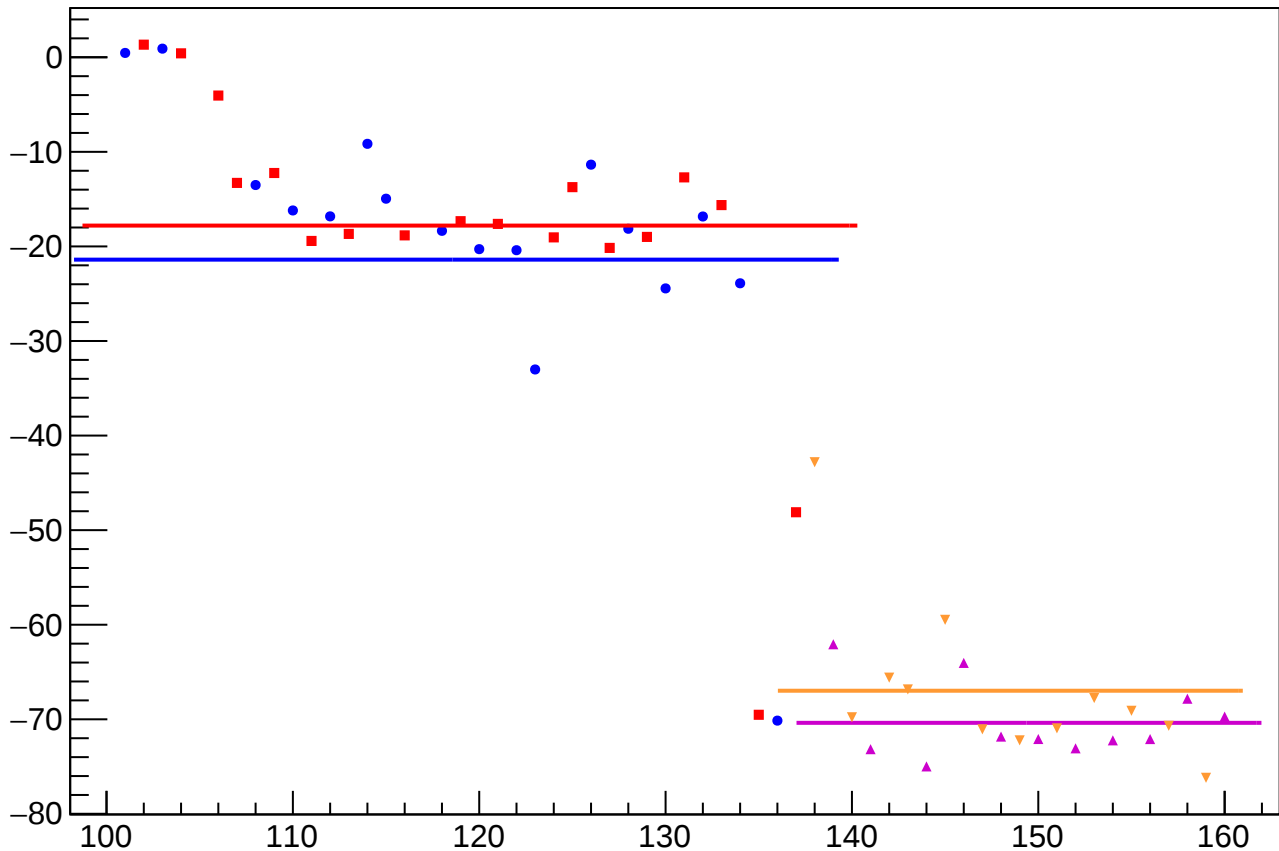
Right In: 126.005+/-0.000	χ^2/NDF : 3386025781144831306970150054630785024.0/16	+ sign 182.534+/-0.000	χ^2/NDF : 150627266969515
Left Out: 225.692+/-0.000	χ^2/NDF : 7765824995412425286122153901765427200.0/11	All: 180.799+/-0.000	χ^2/NDF : 312747858123
Right Out: 126.521+/-0.000	χ^2/NDF : 5291778643595712336156745298356469760.0/17	- sign 179.112+/-0.000	χ^2/NDF : 162025464952104
Left In: 219.416+/-0.000	χ^2/NDF : 7417643300202175953458768997657870336.0/10		

dit_sam8_coil1_Ndata_mean vs Slug



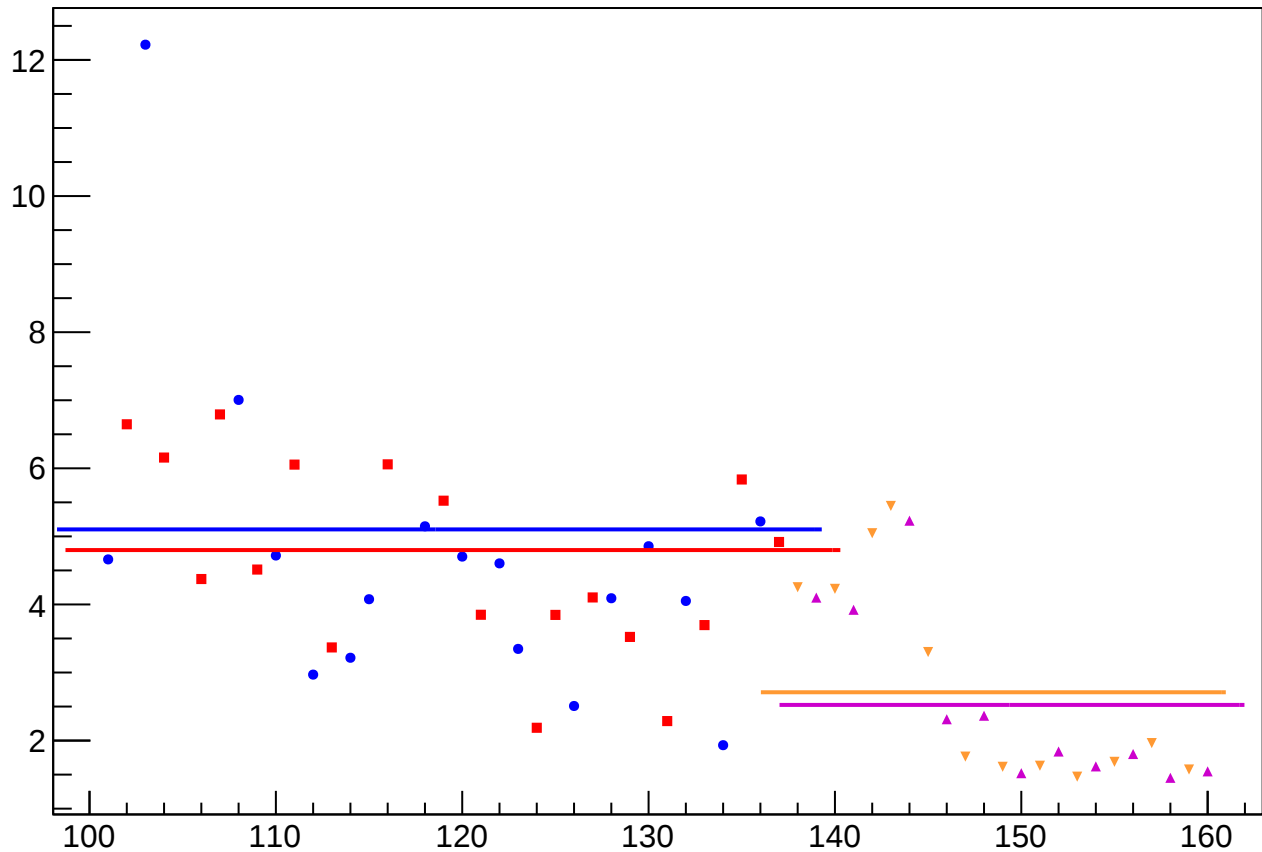
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_4aX_coil3_mean vs Slug



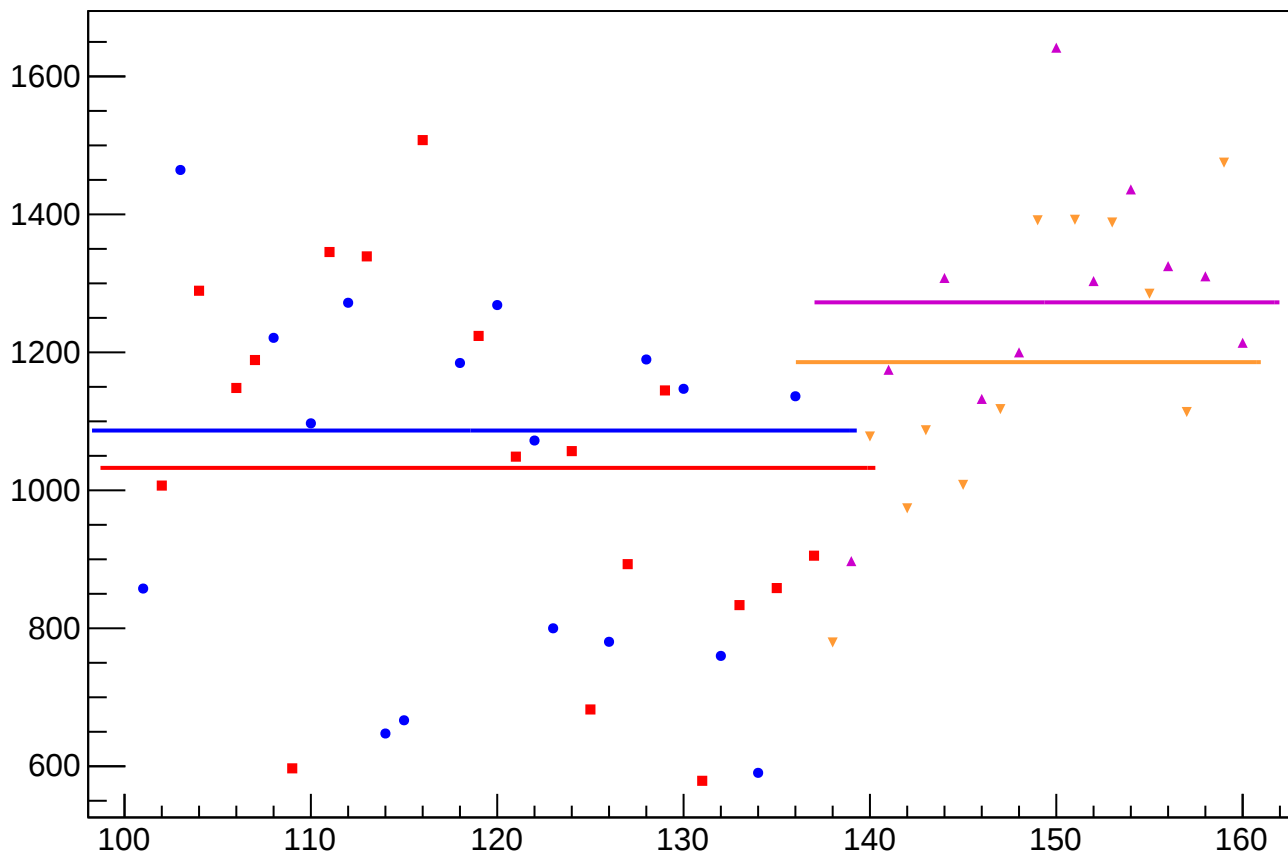
Right In: -21.398 ± 0.000 χ^2/NDF : 280536163120367747156314867523125248.0/16
 Left Out: -66.978 ± 0.000 χ^2/NDF : 63685898995814955491327915677712384.0/11
 Right Out: -17.797 ± 0.000 χ^2/NDF : 194445073804421906744756784211165184.0/17
 Left In: -70.373 ± 0.000 χ^2/NDF : 13651024036120663482420235694243840.0/10

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

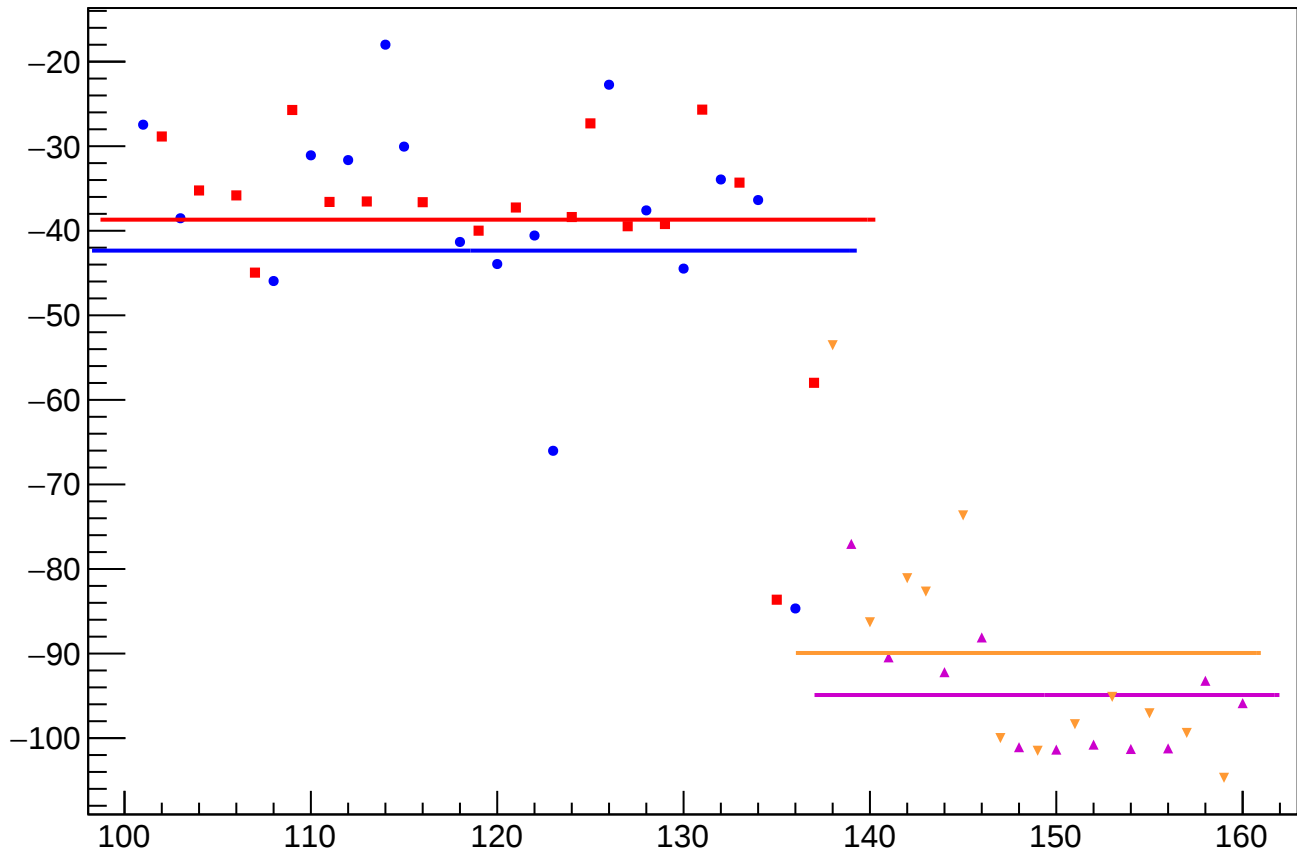
Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

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

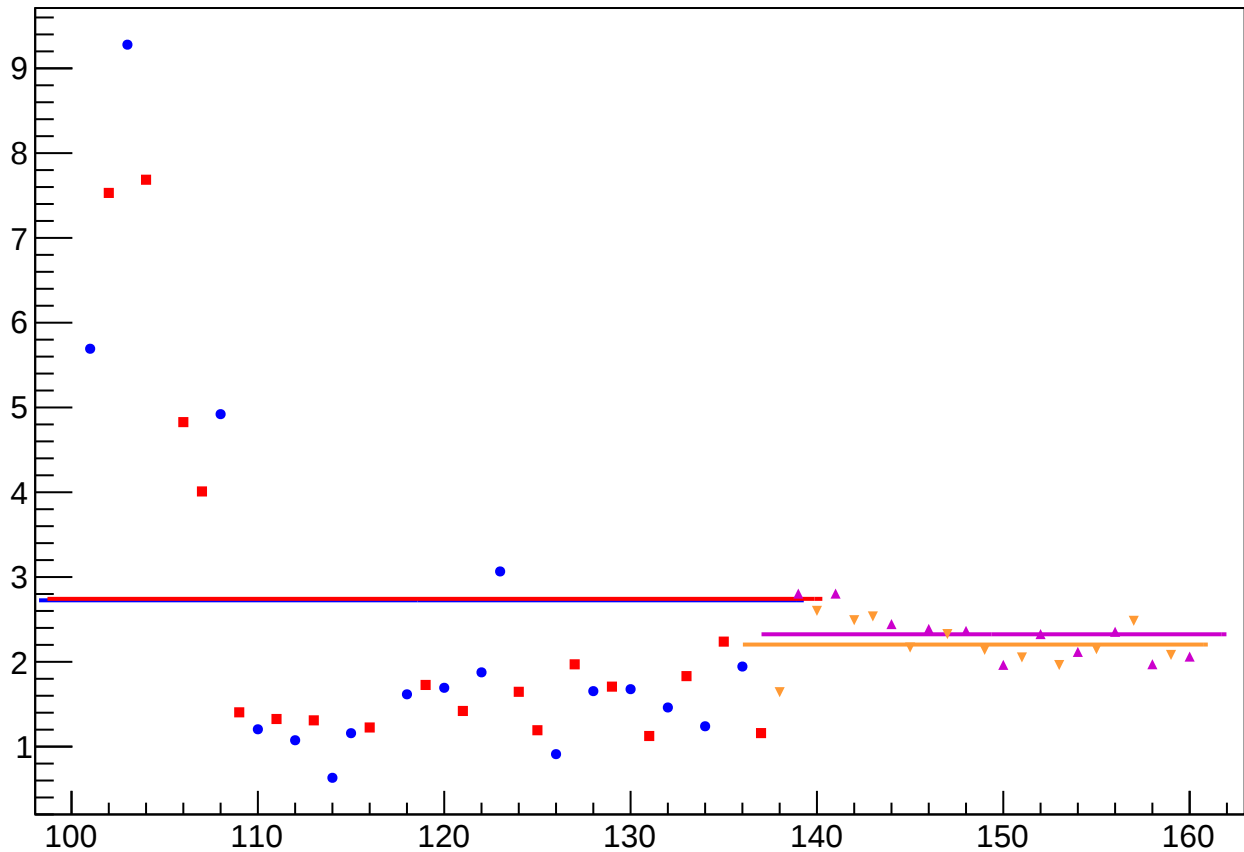
dit_4eX_coil3_mean vs Slug



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

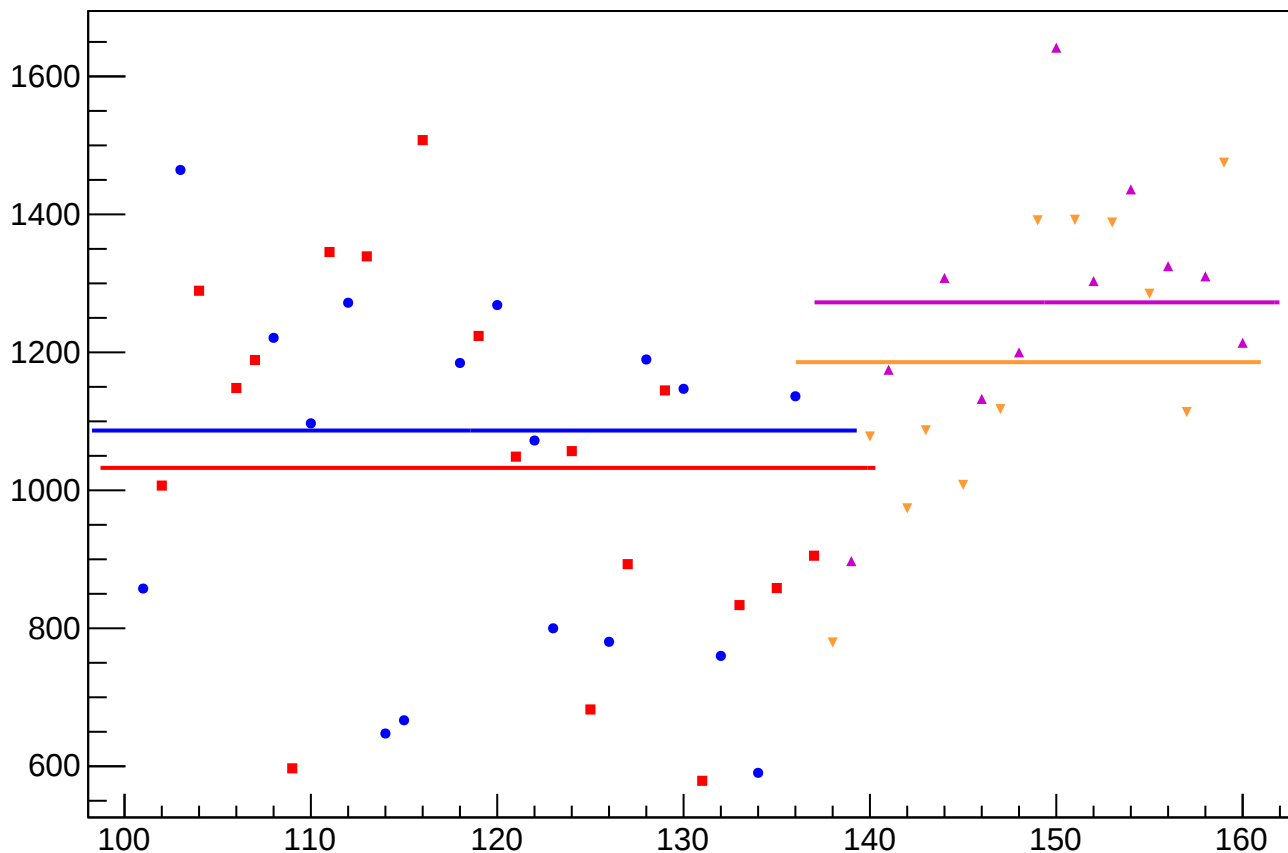
dit_4eX_coil3_err_mean vs Slug



Right In: 2.726+/-0.000	χ^2/NDF : 4086214221048218627232910568062976.0/16
Left Out: 2.204+/-0.000	χ^2/NDF : 64341762429168624767253736325120.0/11
Right Out: 2.743+/-0.000	χ^2/NDF : 3588318821230369709737363581698048.0/17
Left In: 2.325+/-0.000	χ^2/NDF : 71570259822113159465865385607168.0/10

+ sign 2.430+/-0.000 χ^2/NDF : 42576736979958561
 All: 2.468+/-0.000 χ^2/NDF : 7993038934853
 - sign 2.506+/-0.000 χ^2/NDF : 37306091214057511

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

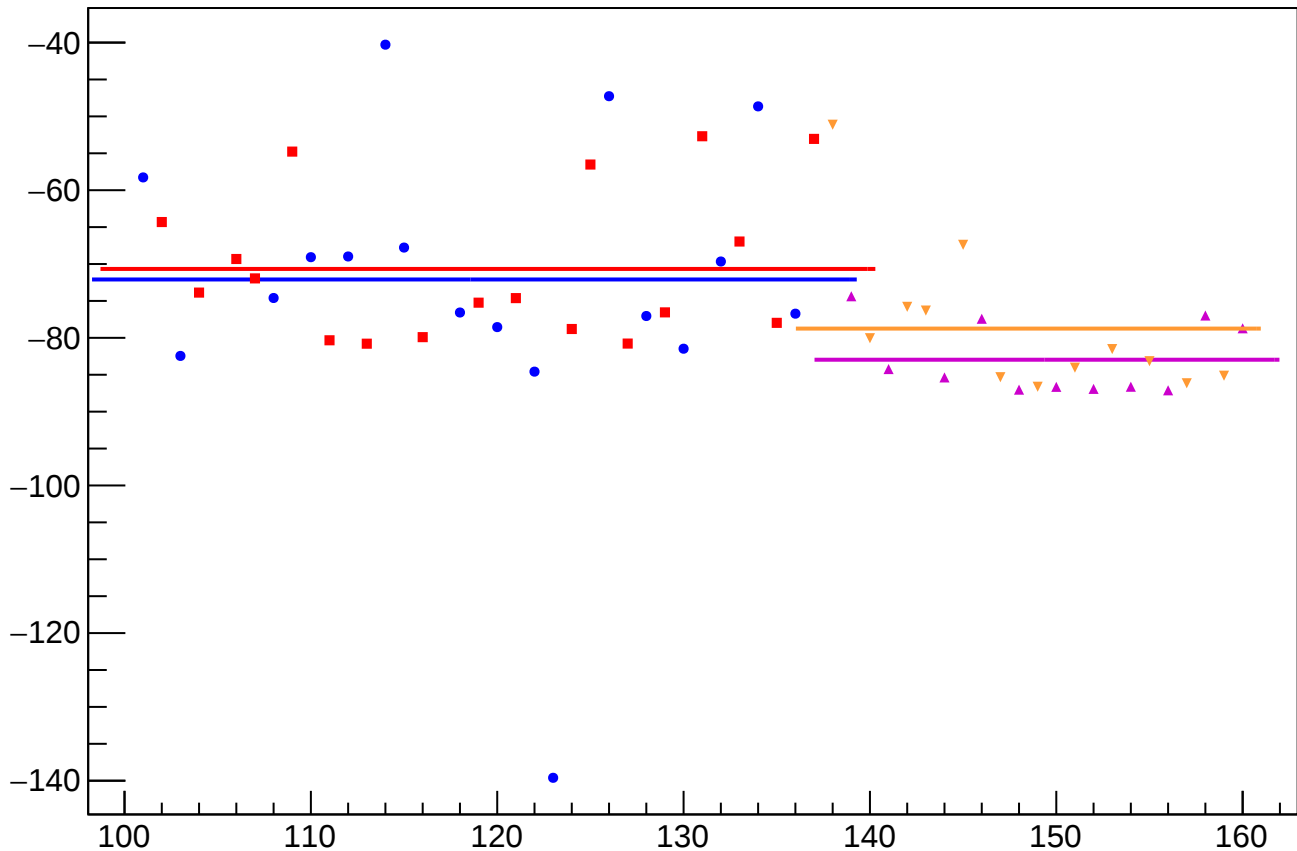
Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

dit_11X12X_coil3_mean vs Slug



Right In: -72.094+/-0.000 χ^2/NDF : 103075229118962583323813478911705088.0/16

Left Out: -78.747+/-0.000 χ^2/NDF : 90789525072060271629933547446337536.0/11

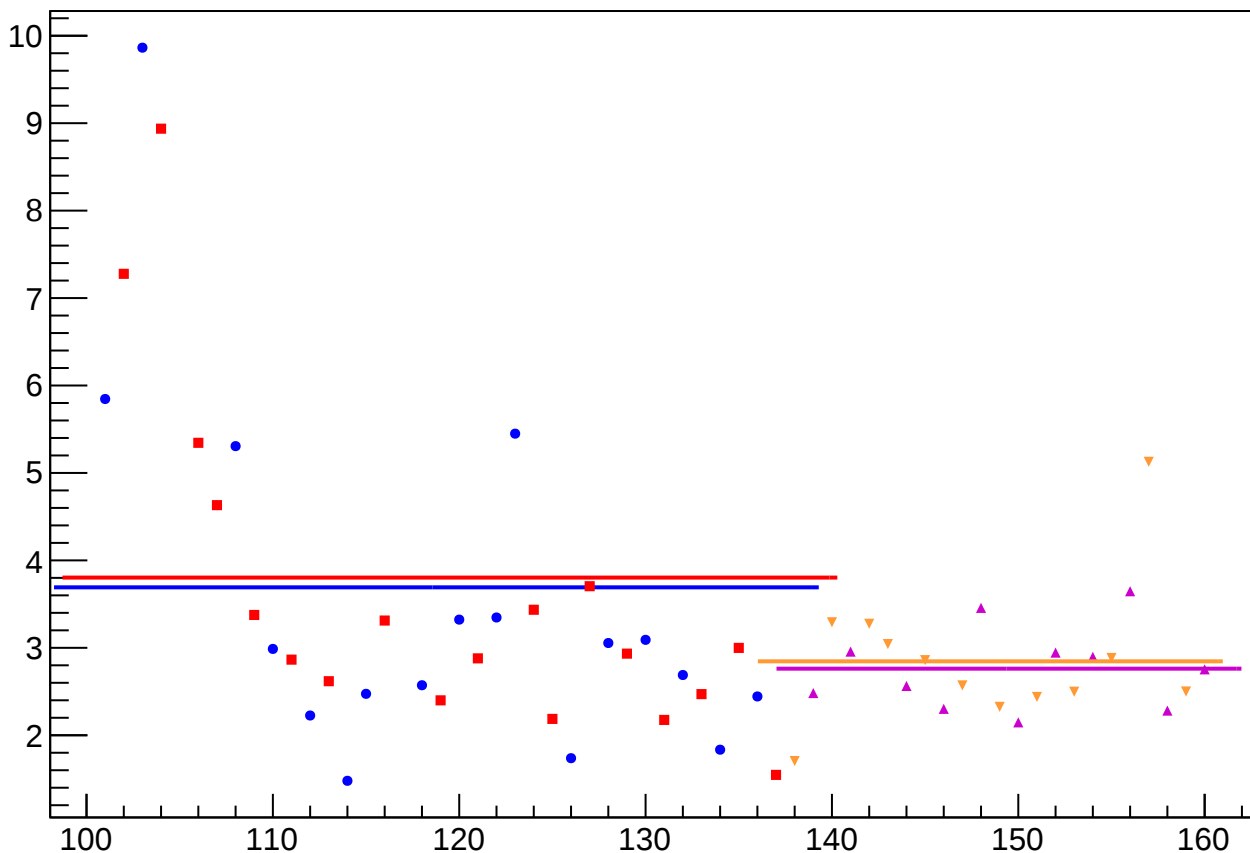
Right Out: -70.666+/-0.000 χ^2/NDF : 63521582322355548765057214851317760.0/17

Left In: -82.966+/-0.000 χ^2/NDF : 20132204805005576765090308057726976.0/10

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

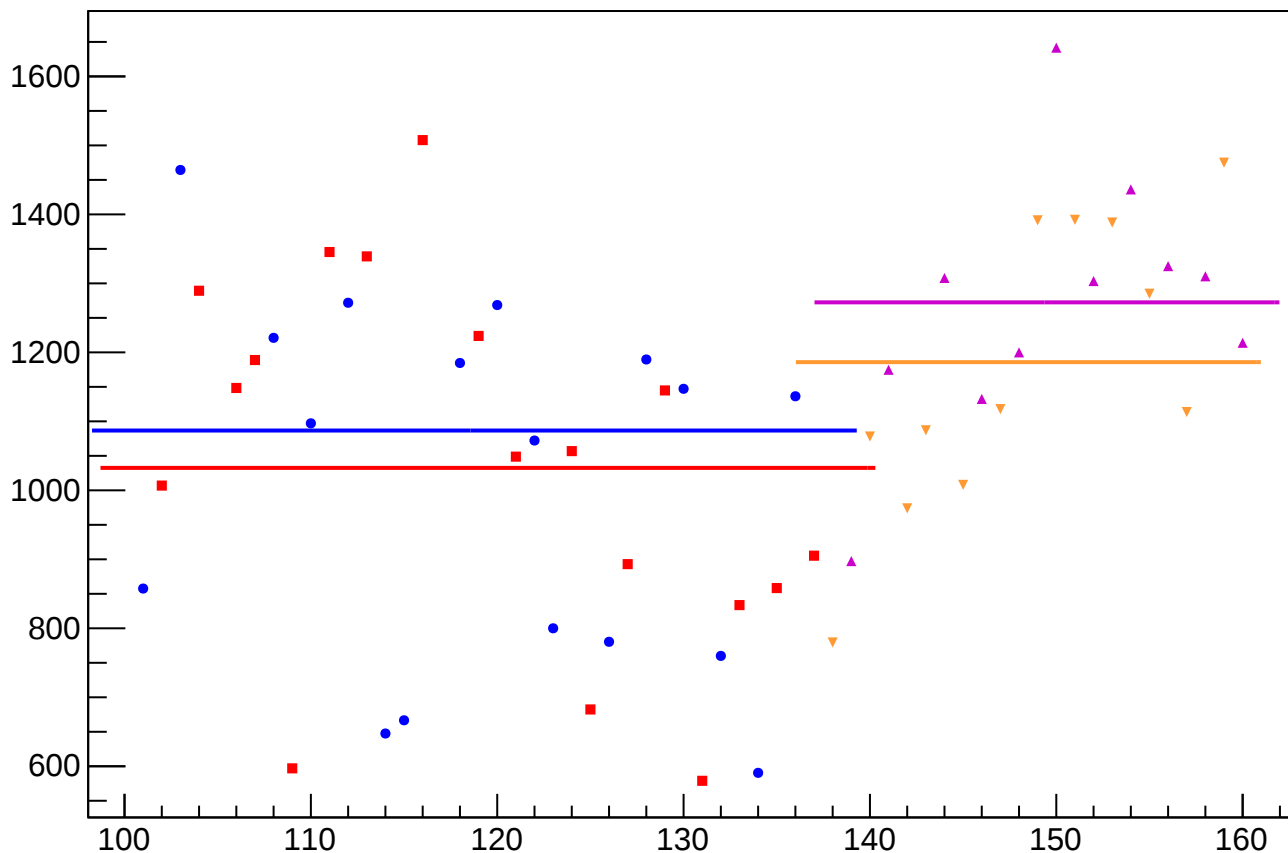
Left In: 2.762 $\pm$ 0.000 χ^2 /NDF: 191371961737300564635223748247552.0/10

+ sign 3.212 $\pm$ 0.000 χ^2 /NDF: 42133946790033847

All: 3.213 $\pm$ 0.000 χ^2 /NDF: 76690190416111

- sign 3.214 $\pm$ 0.000 χ^2 /NDF: 34556220325134499

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

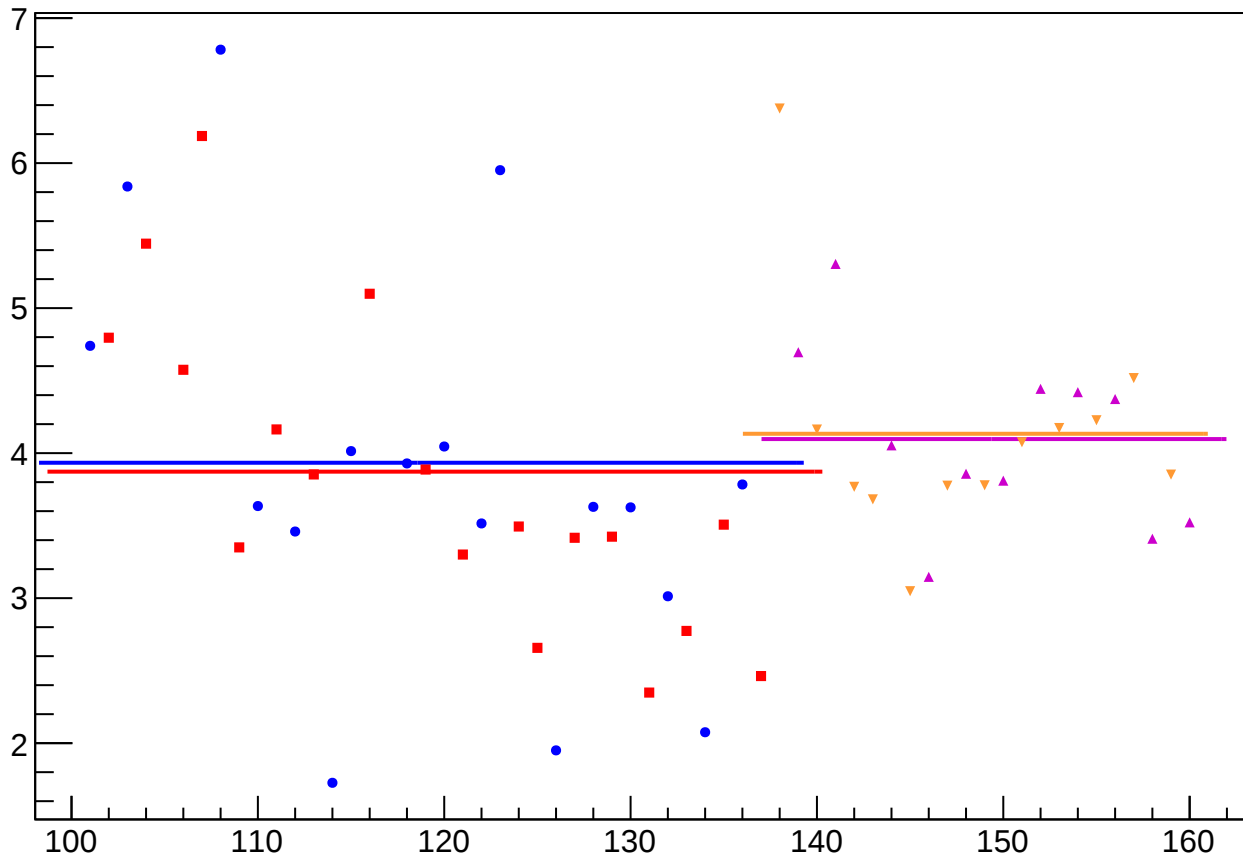
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4aY_coil3_mean vs Slug



Right In: 3.934 ± 0.000 χ^2/NDF : 937288717449166058748009299050496.0/16

Left Out: 4.134 ± 0.000 χ^2/NDF : 543238329499438777000735270764544.0/11

Right Out: 3.872 ± 0.000 χ^2/NDF : 707048075514761321683781922324480.0/17

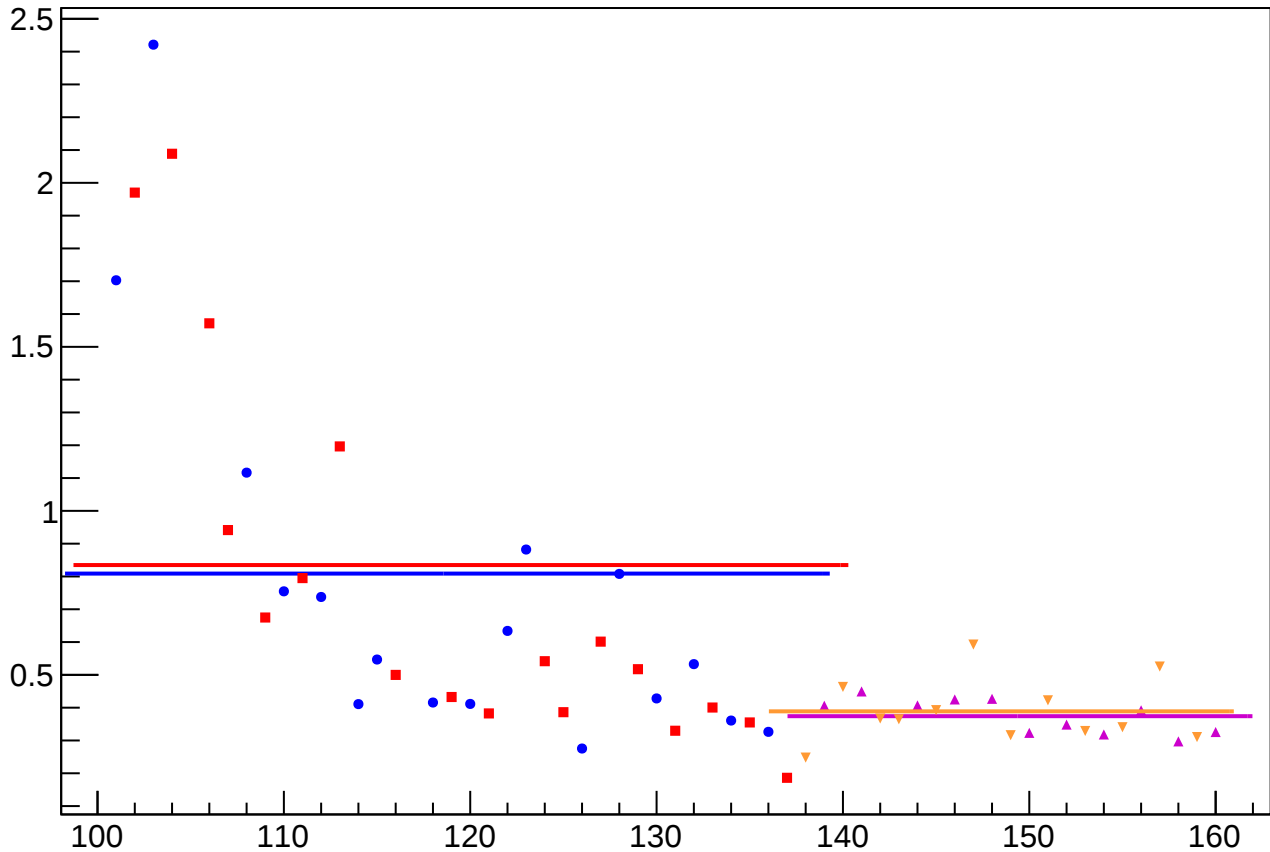
Left In: 4.097 ± 0.000 χ^2/NDF : 331914558071256071482746481934336.0/10

+ sign 4.047 ± 0.000 χ^2/NDF : 14962391915928441

All: 4.023 ± 0.000 χ^2/NDF : 25574735578333

- sign 4.000 ± 0.000 χ^2/NDF : 10594005654132572

dit_4aY_coil3_err_mean vs Slug



Right In: 0.809 ± 0.000 χ^2/NDF : 269169890346681229126320544284672.0/16

Left Out: 0.389 ± 0.000 χ^2/NDF : 8197684990804317089776046964736.0/11

Right Out: 0.835 ± 0.000 χ^2/NDF : 250373306610542576736300880101376.0/17

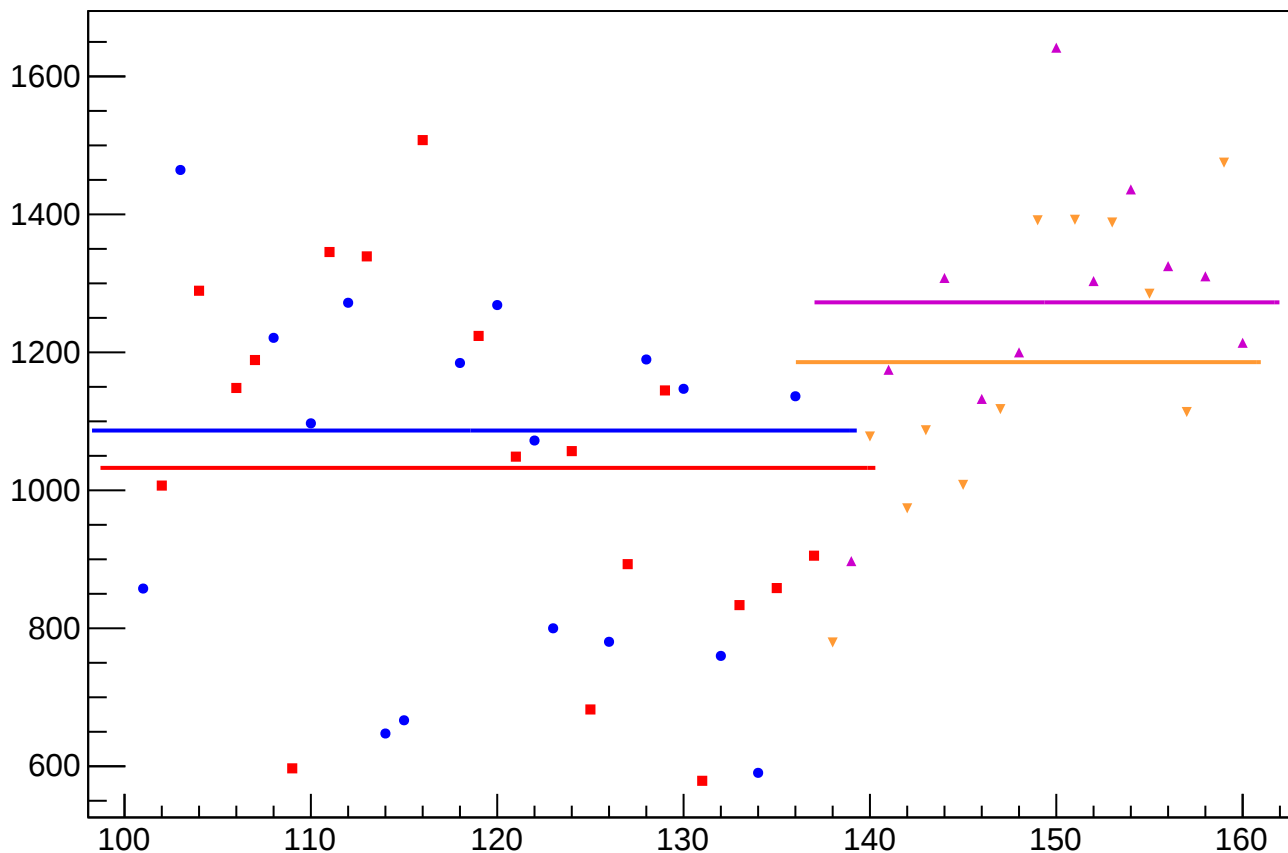
Left In: 0.374 ± 0.000 χ^2/NDF : 2379461607366055456140660047872.0/10

+ sign 0.571 ± 0.000 χ^2/NDF : 34677222065993079

All: 0.572 ± 0.000 χ^2/NDF : 68546068208977

- sign 0.574 ± 0.000 χ^2/NDF : 33867954754291424

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16

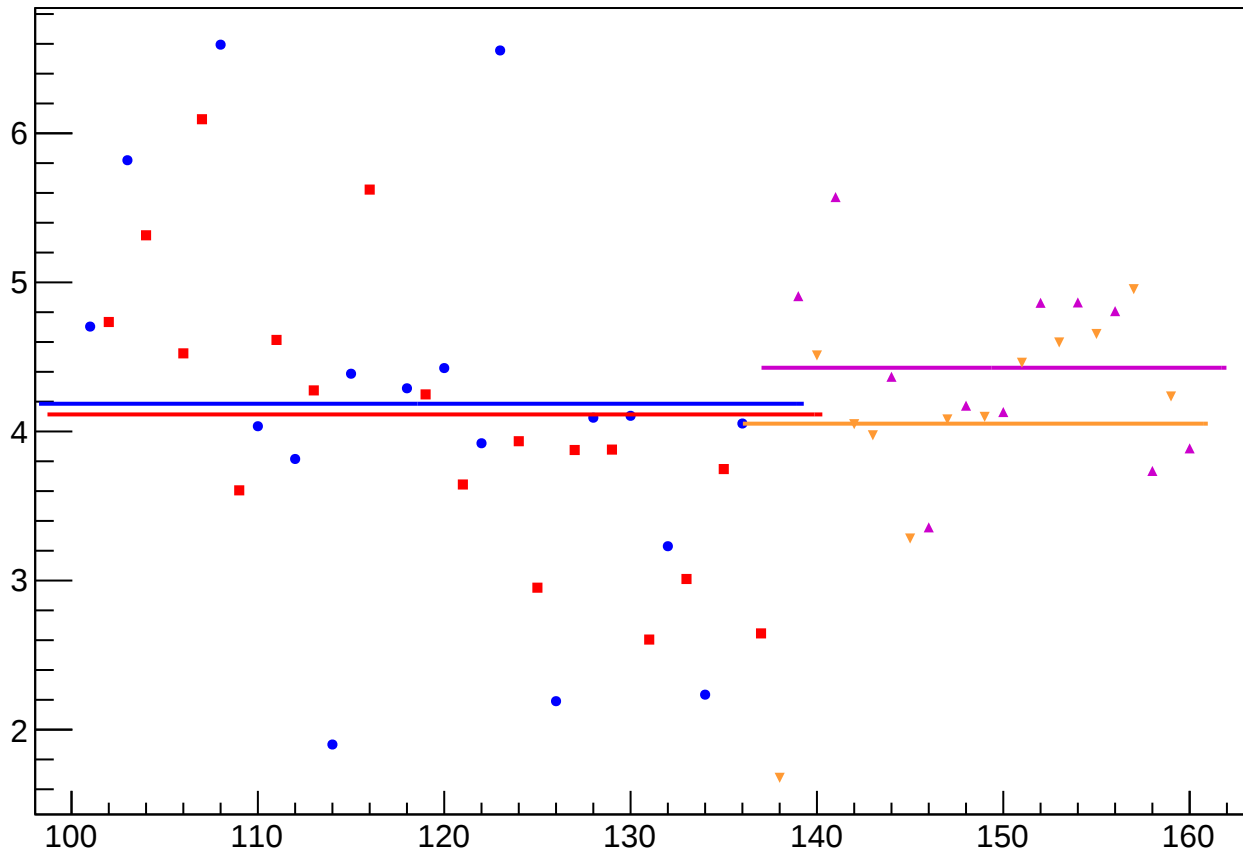
Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11

Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17

Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682

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

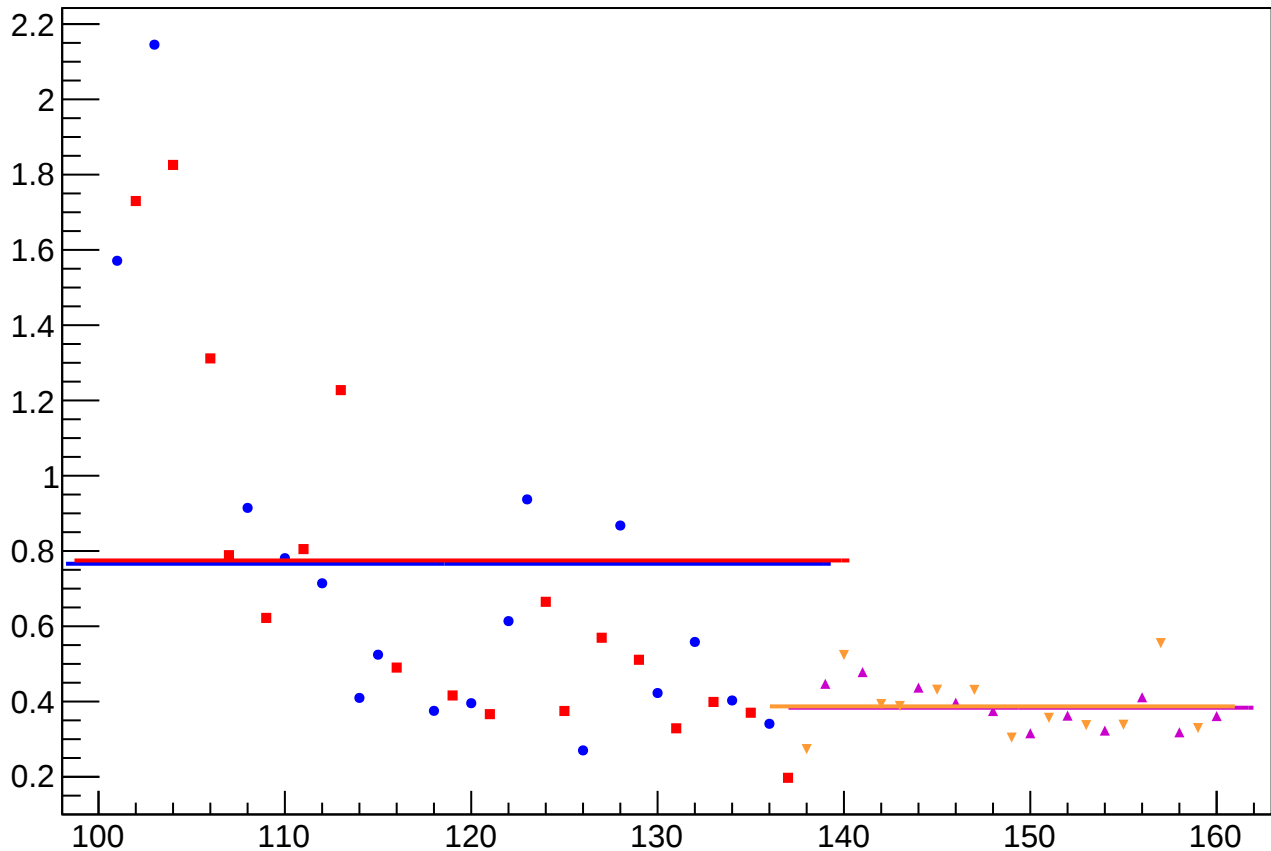
Left In: 4.427 $\pm$ 0.000 χ^2 /NDF: 347229155799314771034943134892032.0/10

+ 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



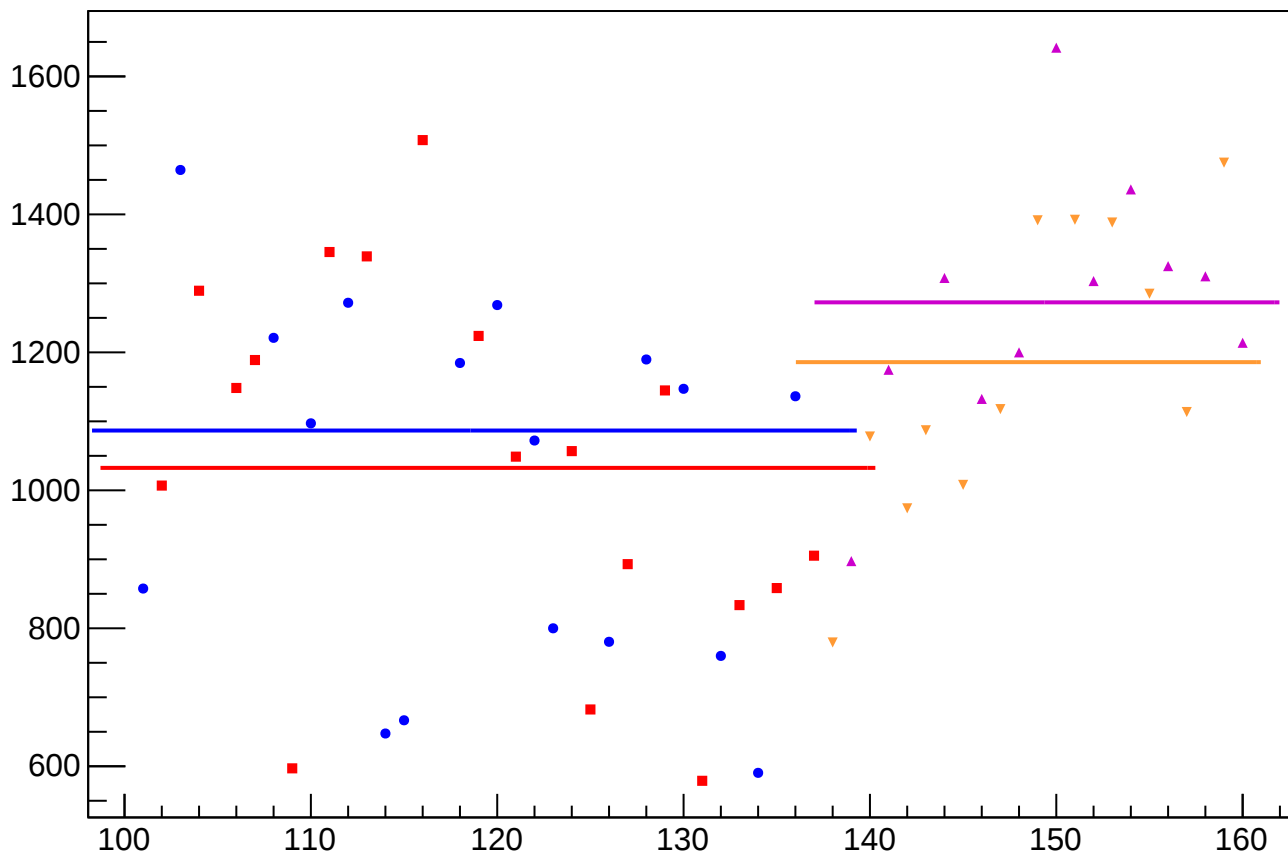
Right In: 0.766 $\pm$ 0.000 χ^2 /NDF: 204784790719097578994787197911040.0/16

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

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

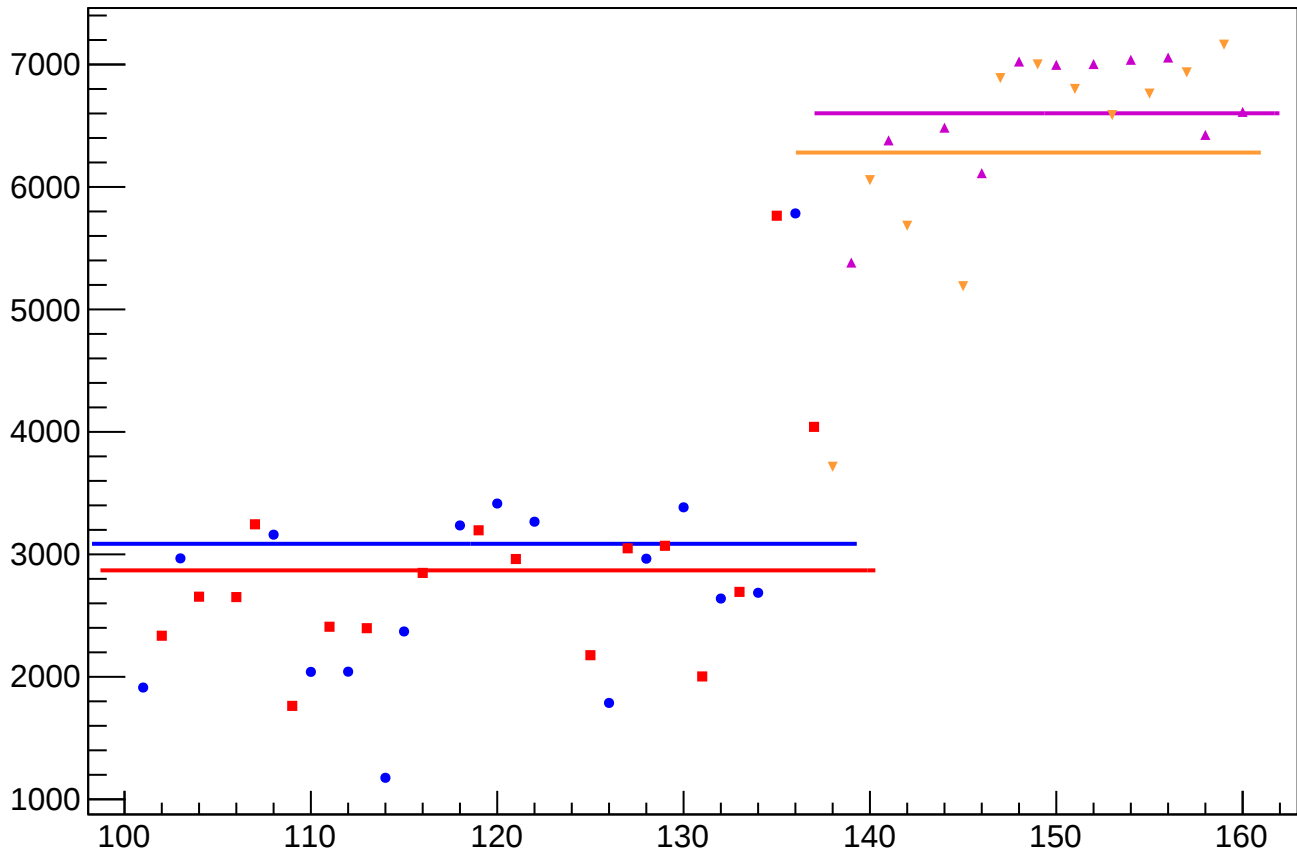
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

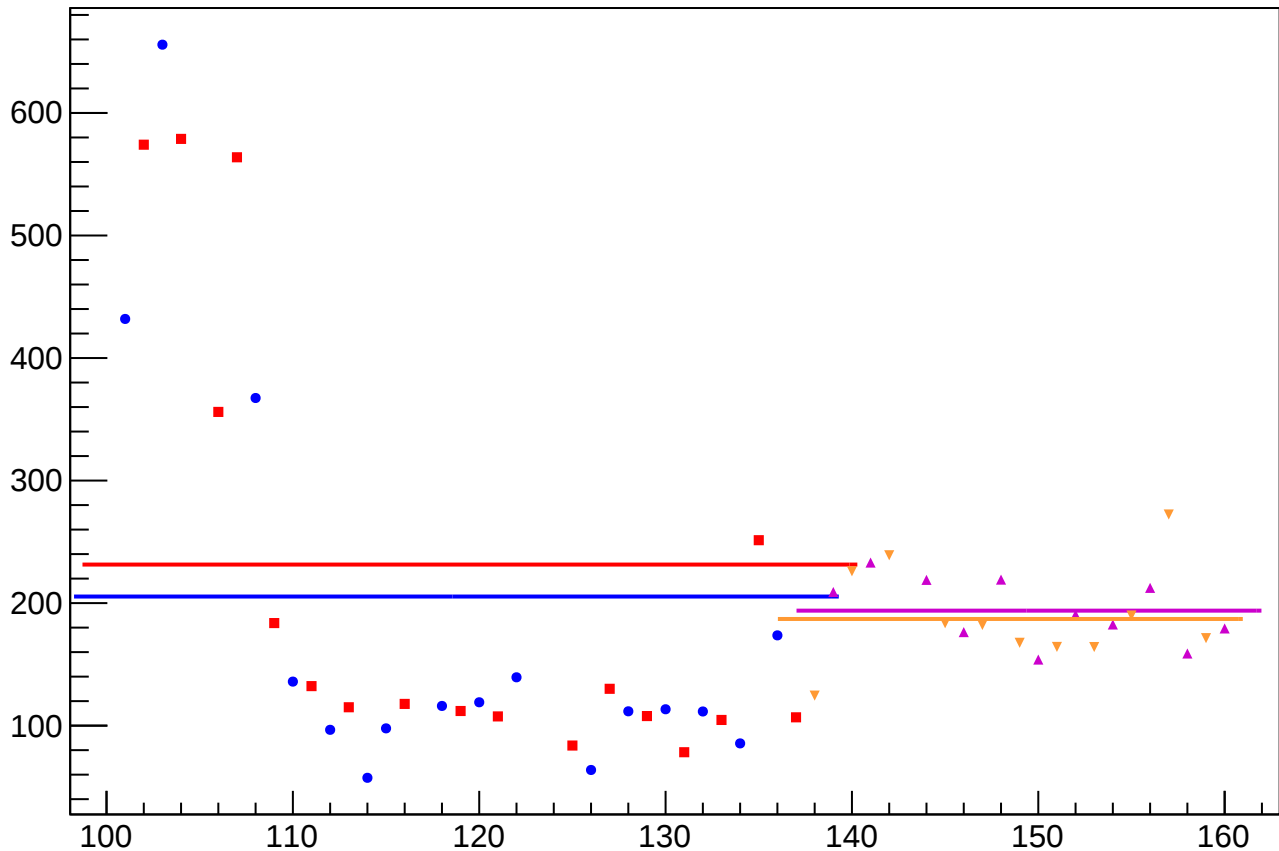
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_usl_coil3_mean vs Slug



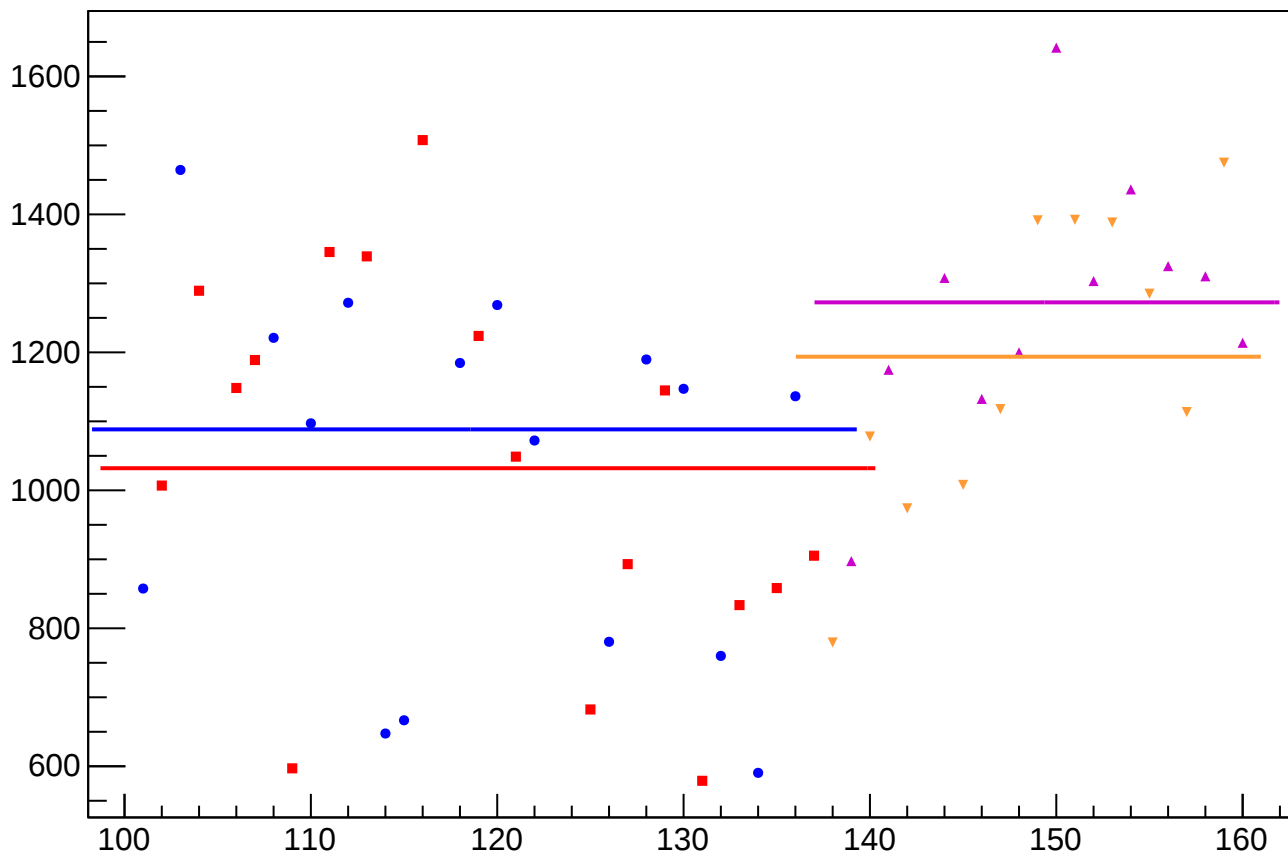
Right In: 3086.294+/-0.000 χ^2/NDF : 957872647656521012418983150086021709824.0/15
 Left Out: 6281.054+/-0.000 χ^2/NDF : 840424812990698239150116446510170243072.0/10
 Right Out: 2869.332+/-0.000 χ^2/NDF : 591237562305543847323062569482235936768.0/16
 Left In: 6601.570+/-0.000 χ^2/NDF : 224954235143433170053737939603445252096.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 205.364+/-0.000 χ^2/NDF : 20493668782682953984090808657754718208.0/15
 Left Out: 187.052+/-0.000 χ^2/NDF : 1231111224909573231836373521014980608.0/10
 Right Out: 231.450+/-0.000 χ^2/NDF : 23996601891457376807935240829130506240.0/16
 Left In: 193.848+/-0.000 χ^2/NDF : 586629985939156798428558842319077376.0/10

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1088.357+/-0.000 χ^2/NDF : 34282153777351983771685586546357960704.0/15

Left Out: 1193.682+/-0.000 χ^2/NDF : 36852151008799488295542377563587346432.0/10

Right Out: 1032.058+/-0.000 χ^2/NDF : 47606445983736508238206731798200713216.0/16

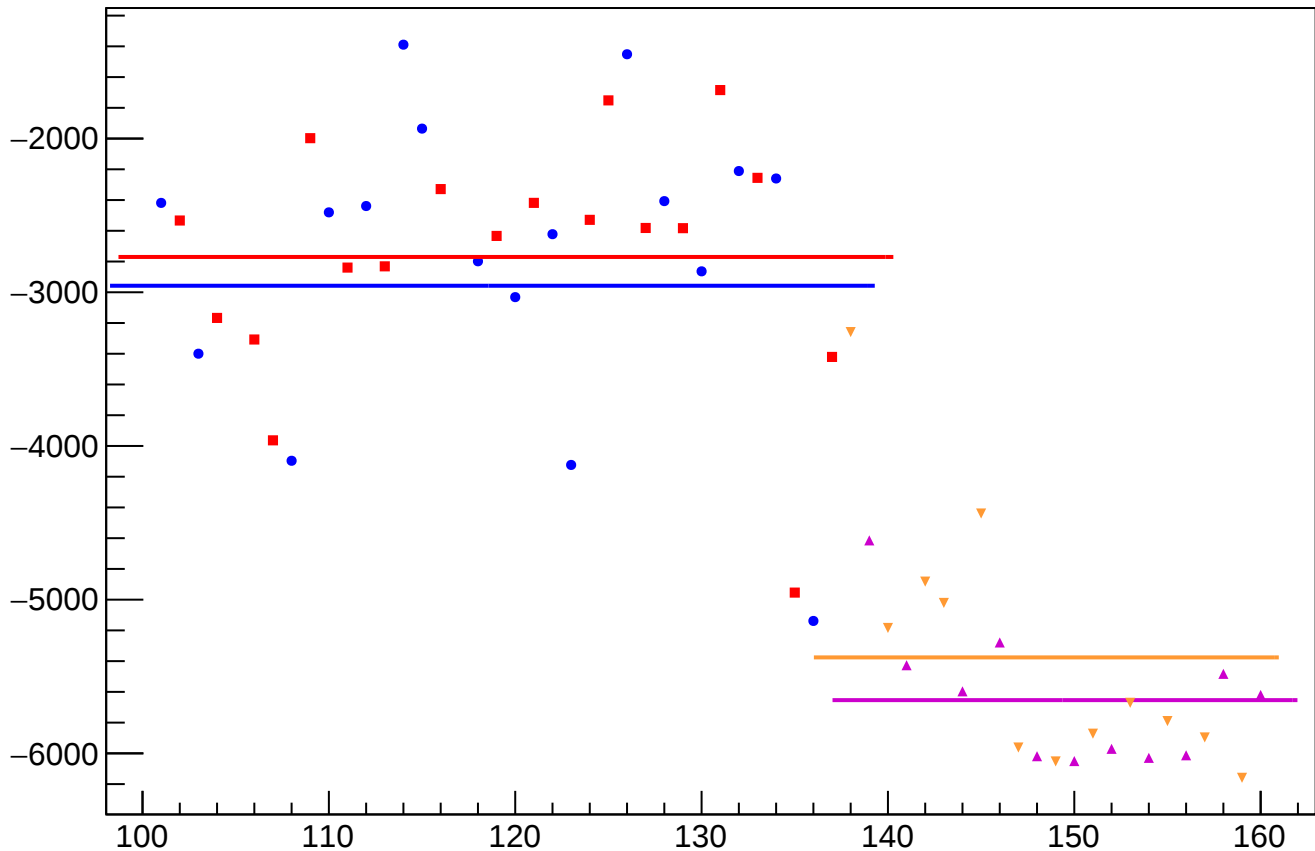
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1146.244+/-0.000 χ^2/NDF : 75341250489289

All: 1158.167+/-0.000 χ^2/NDF : 17638710884

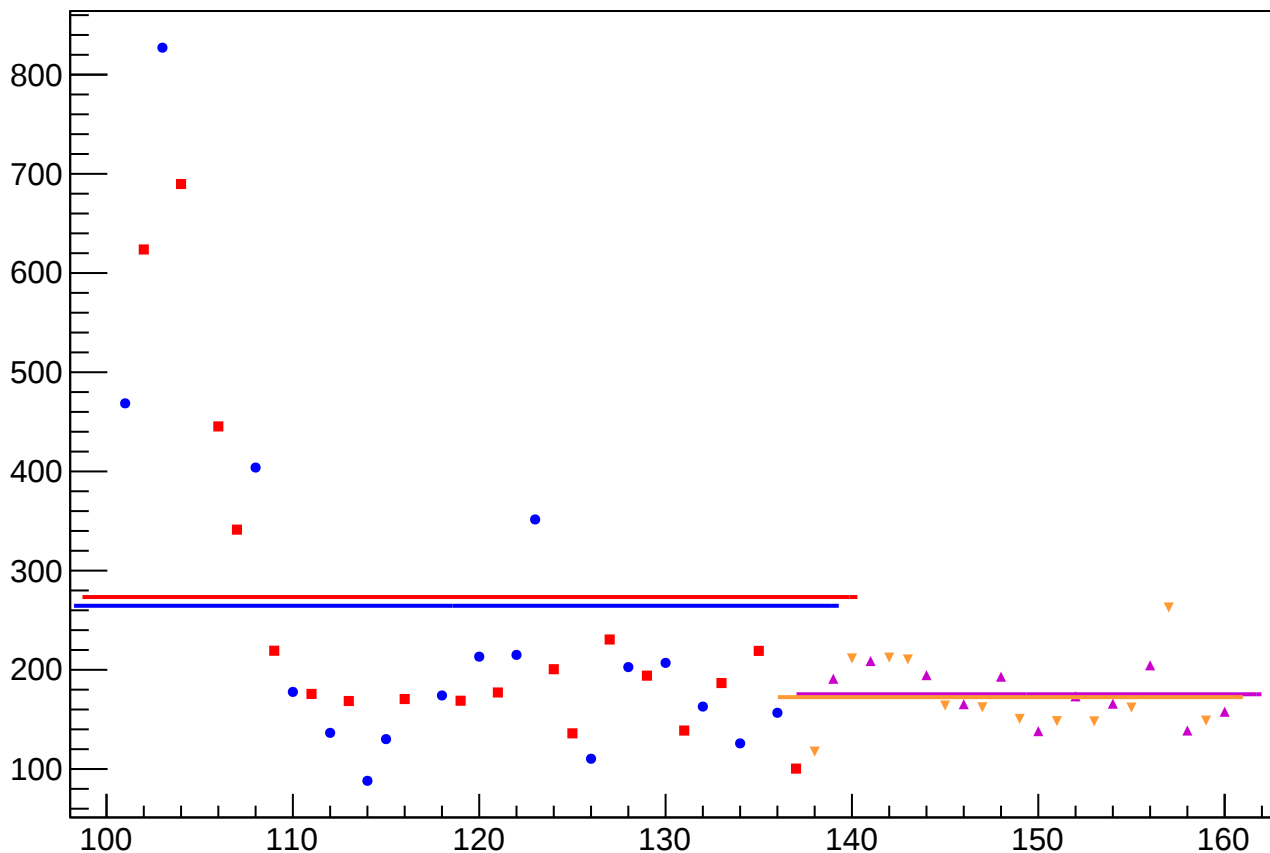
- sign 1169.346+/-0.000 χ^2/NDF : 10062388407814

dit_usr_coil3_mean vs Slug



Right In: -2957.567 ± 0.000 $\chi^2/\text{NDF}: 713909426456610215881026852236843548672.0/16$
 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



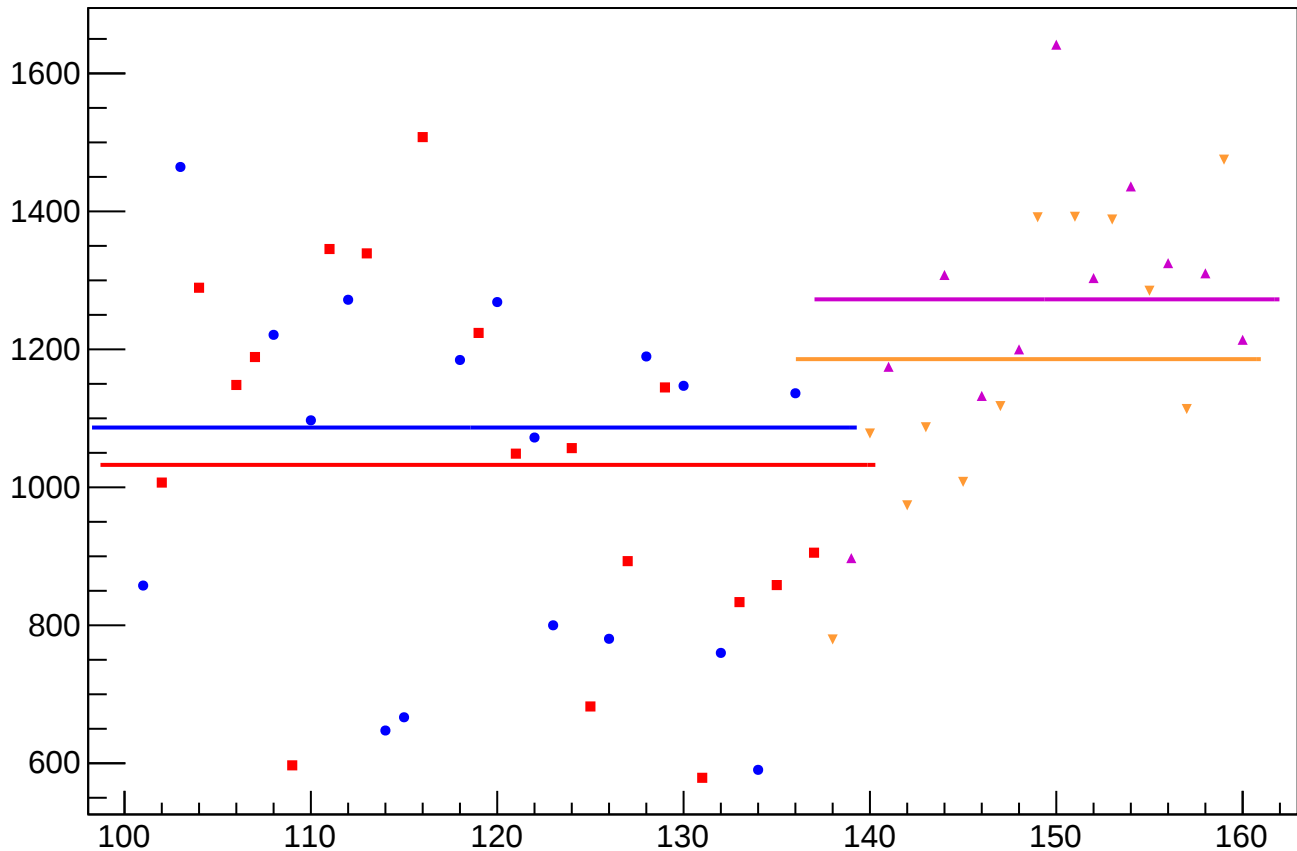
Right In: 264.557 $\pm$ 0.000 χ^2/NDF : 27392235444982313348552279916984401920.0/16

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

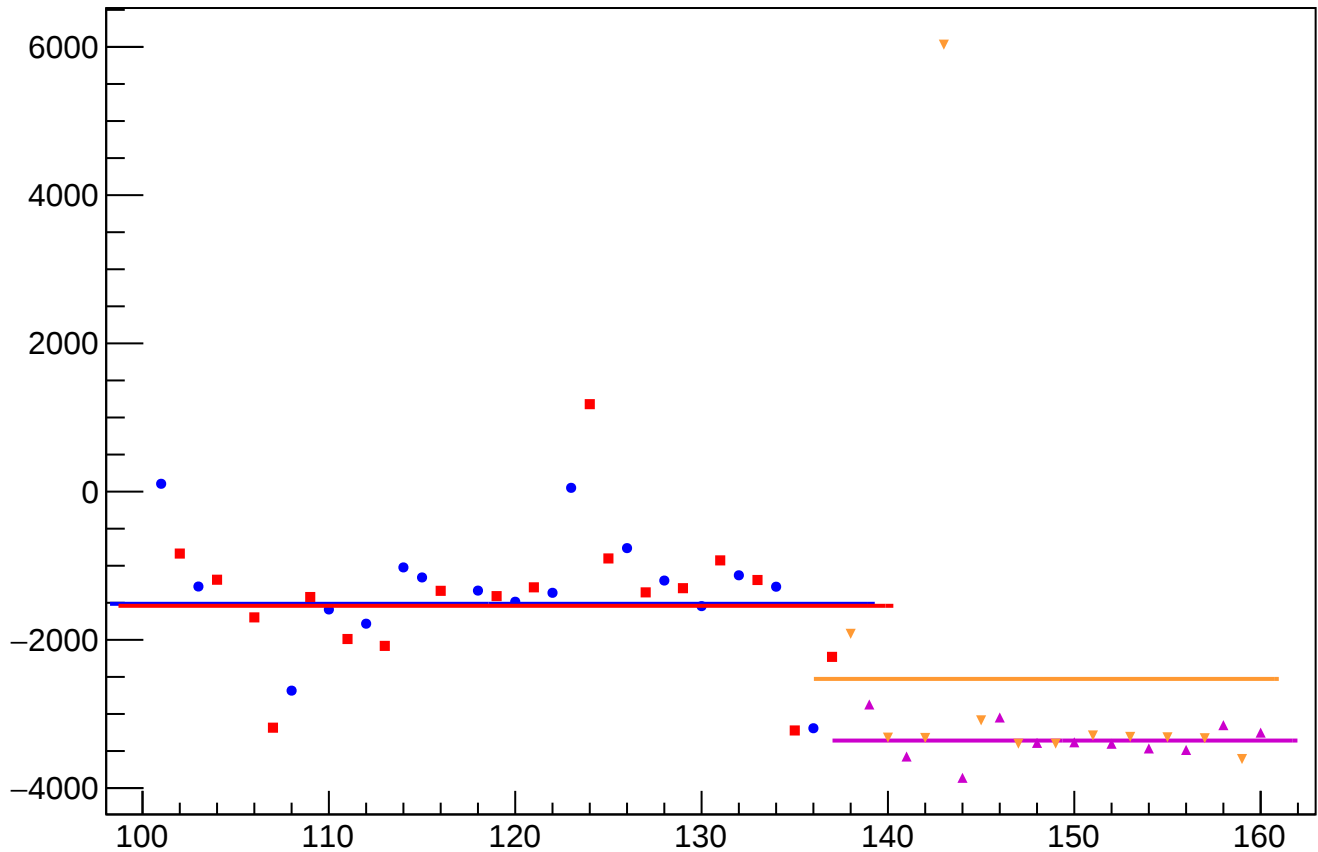
Left In: 175.349 $\pm$ 0.000 χ^2/NDF : 519457890651720785160381502035329024.0/10

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

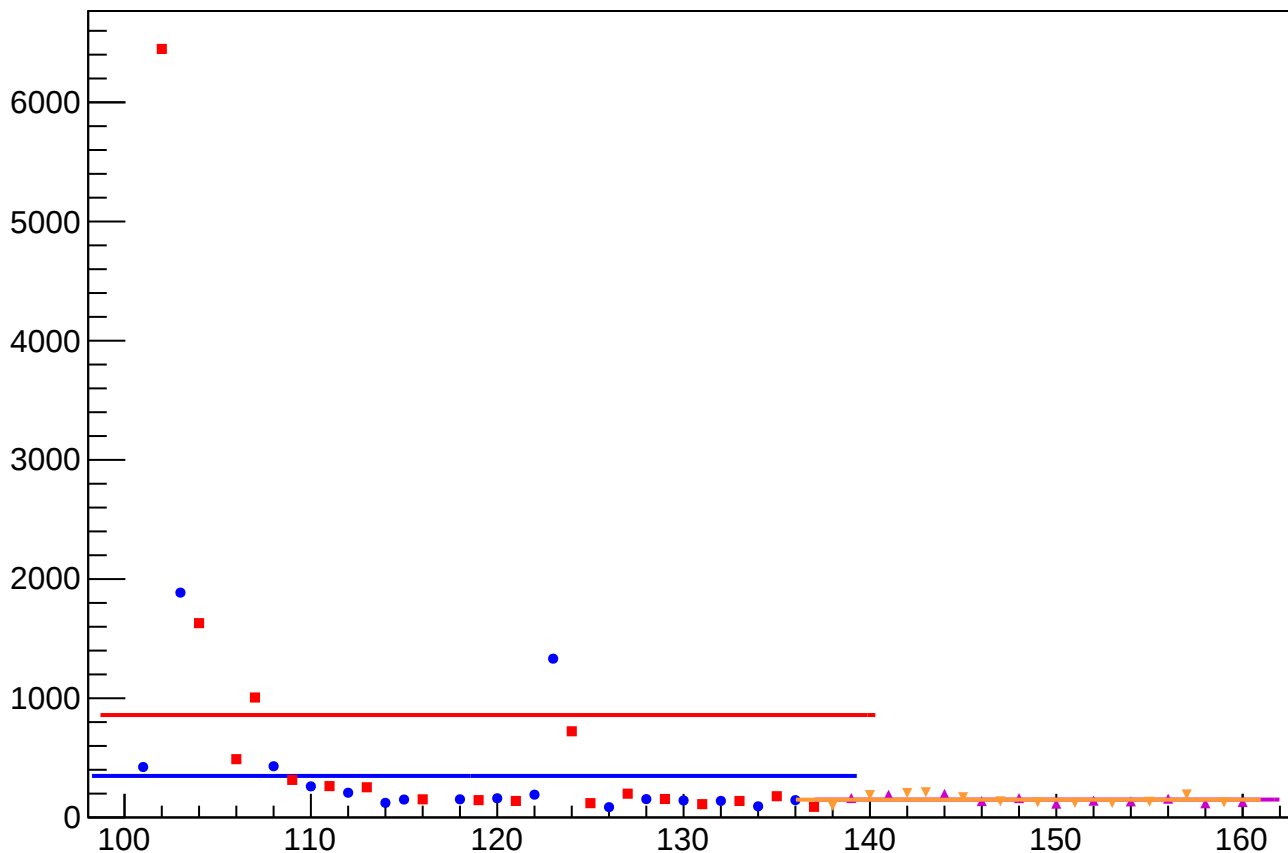
dit_atl1_coil3_mean vs Slug



Right In: -1513.653+/-0.000	χ^2/NDF : 514234912482757513557339366977389461504.0/16
Left Out: -2527.006+/-0.000	χ^2/NDF : 5451232990455416155360910698566211600384.0/11
Right Out: -1540.621+/-0.000	χ^2/NDF : 446199417852057016559160819528574697472.0/17
Left In: -3358.797+/-0.000	χ^2/NDF : 60700995686323483961460541092630888448.0/10

+ sign -2088.287+/-0.000 χ^2/NDF : 6369588891133
 All: -2332.459+/-0.000 χ^2/NDF : 8403164057
 - sign -2569.964+/-0.000 χ^2/NDF : 18450423697214

dit_atl1_coil3_err_mean vs Slug



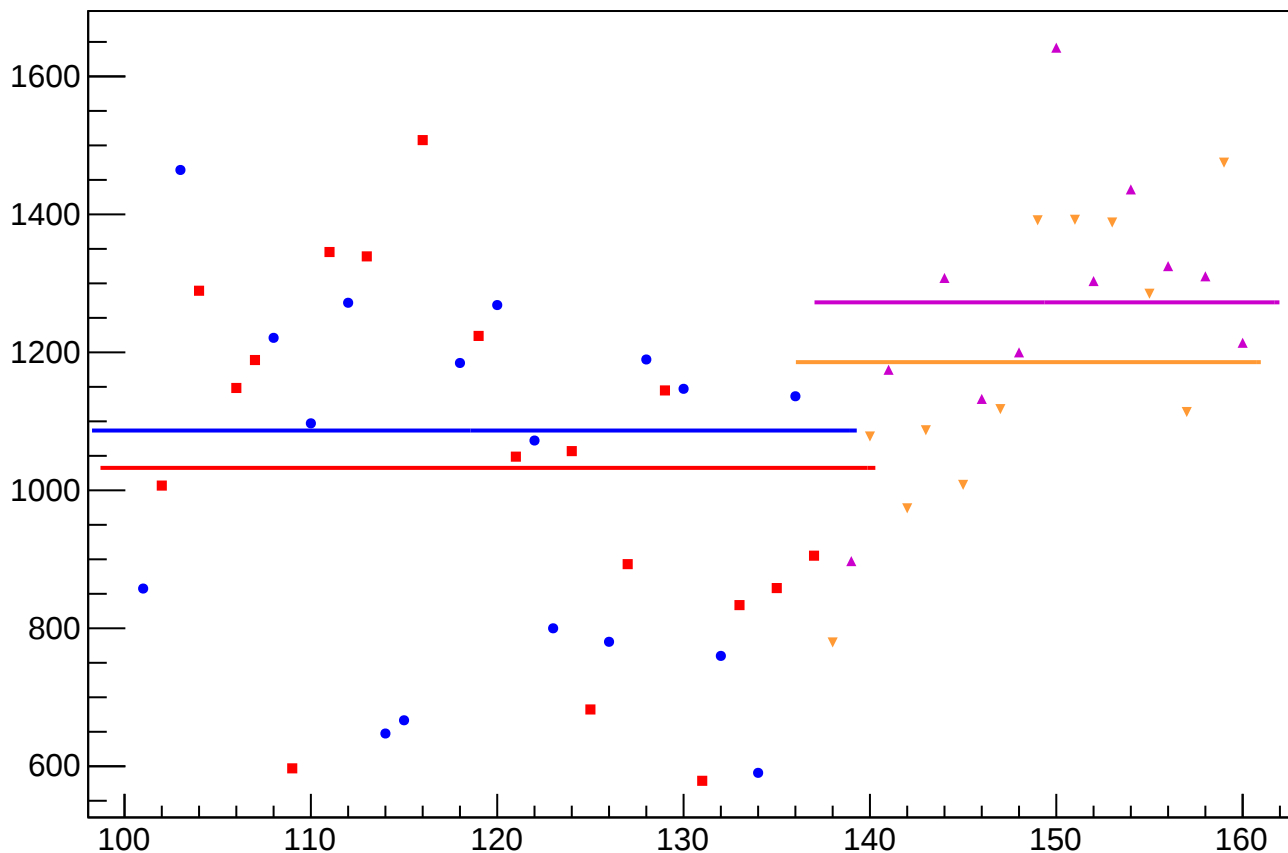
Right In: 348.444+/-0.000 χ^2/NDF : 164421878122610355371654497383202422784.0/16

Left Out: 149.175+/-0.000 χ^2/NDF : 1154008557616927305320355624438988800.0/11

Right Out: 859.360+/-0.000 χ^2/NDF : 2089894584846900651264019930845330538496.0/17

Left In: 149.996+/-0.000 χ^2/NDF : 634211210391111193289402478351089664.0/10

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

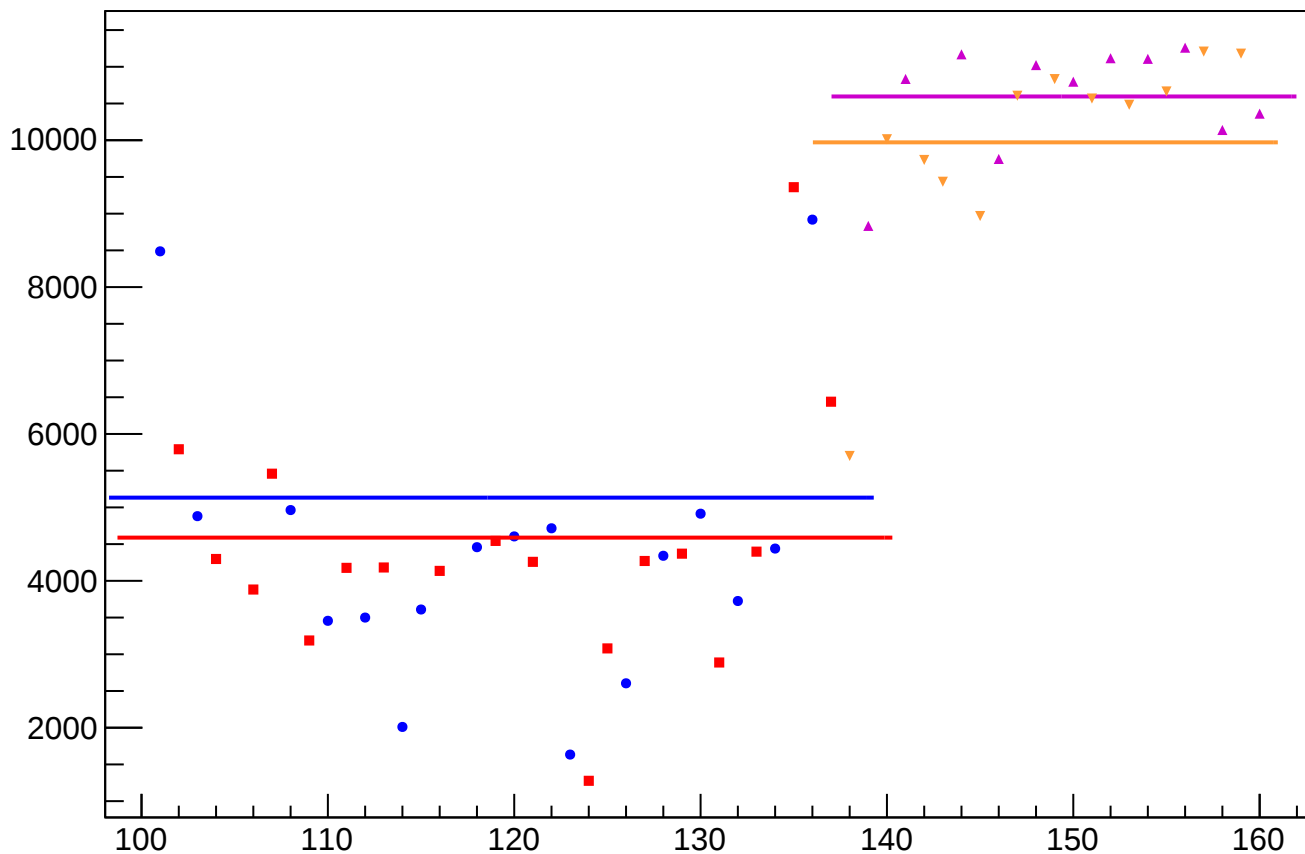
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

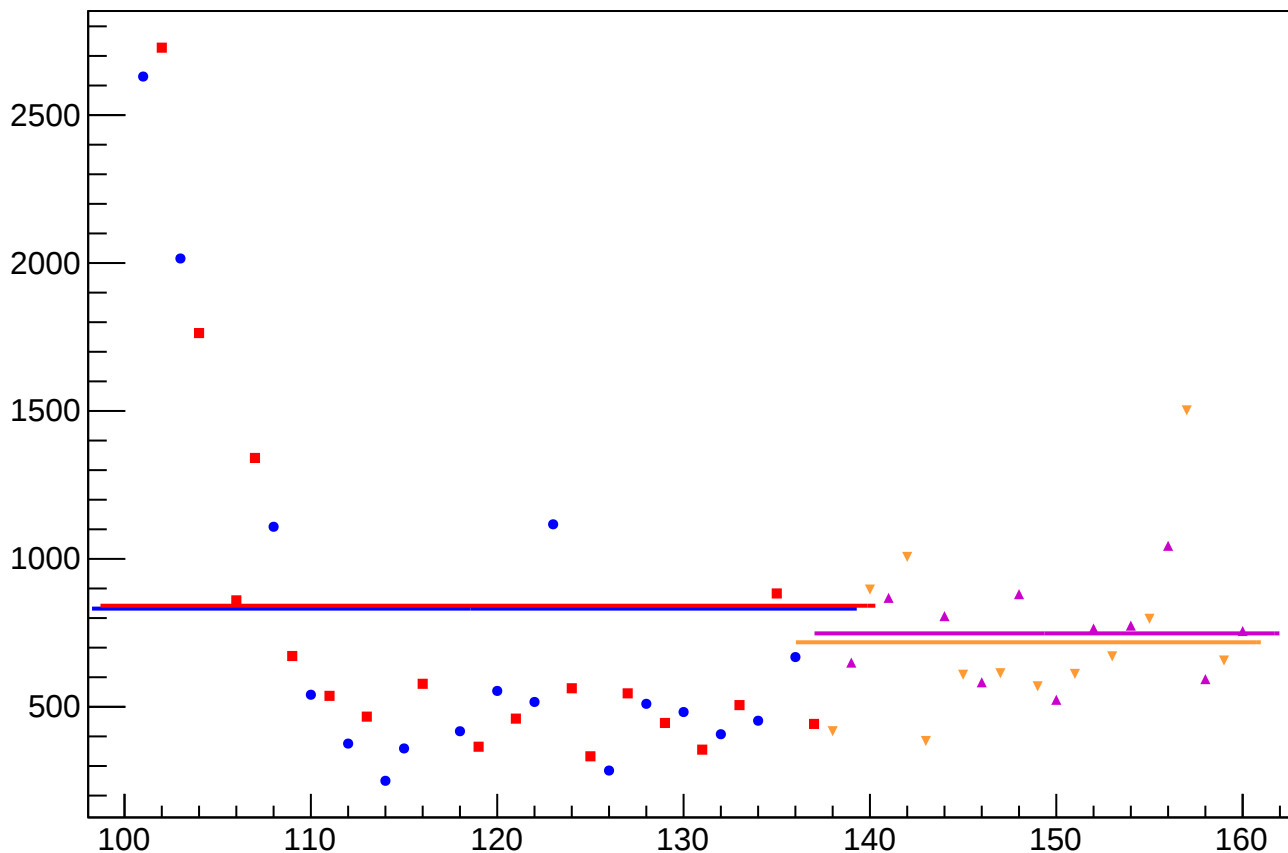
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

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



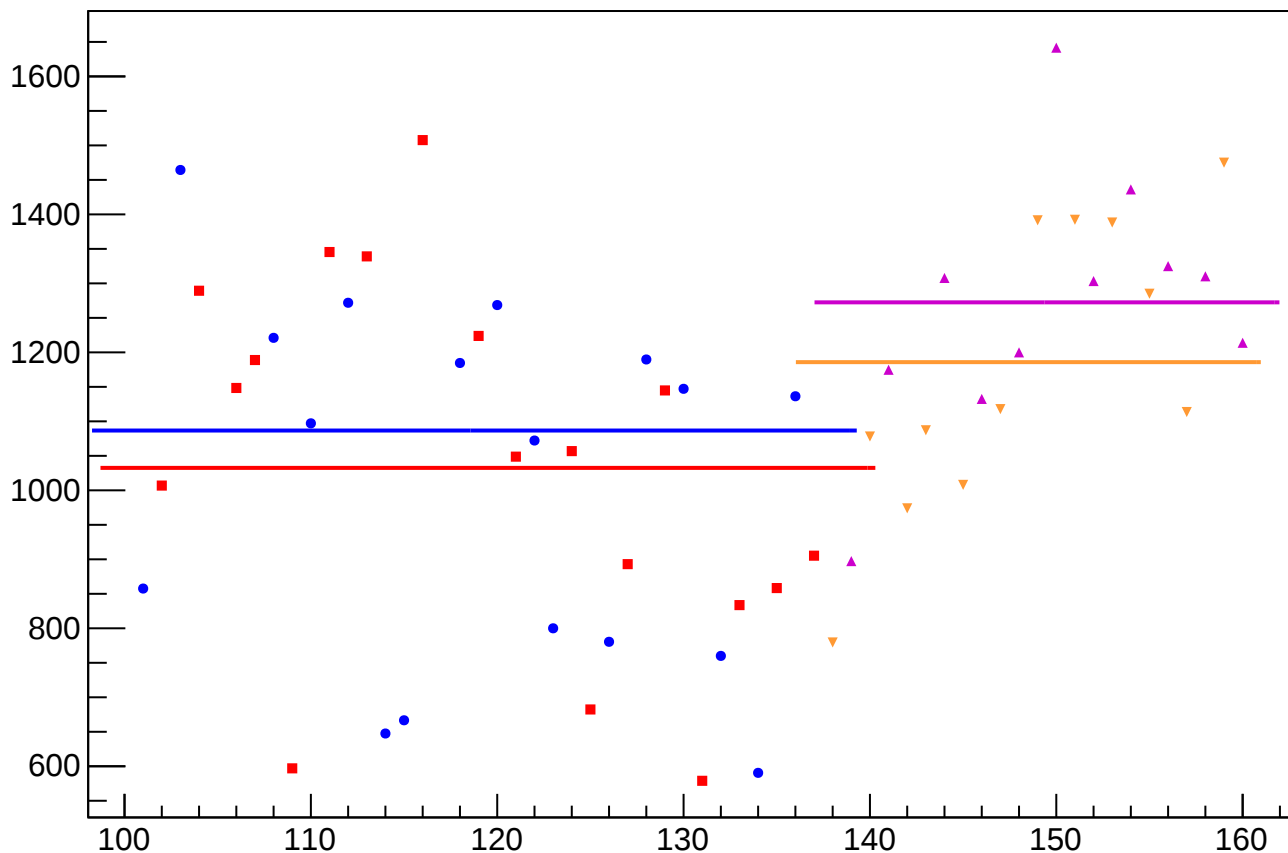
Right In: 831.957+/-0.000 χ^2/NDF : 349451729062960856481628082238677581824.0/16

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

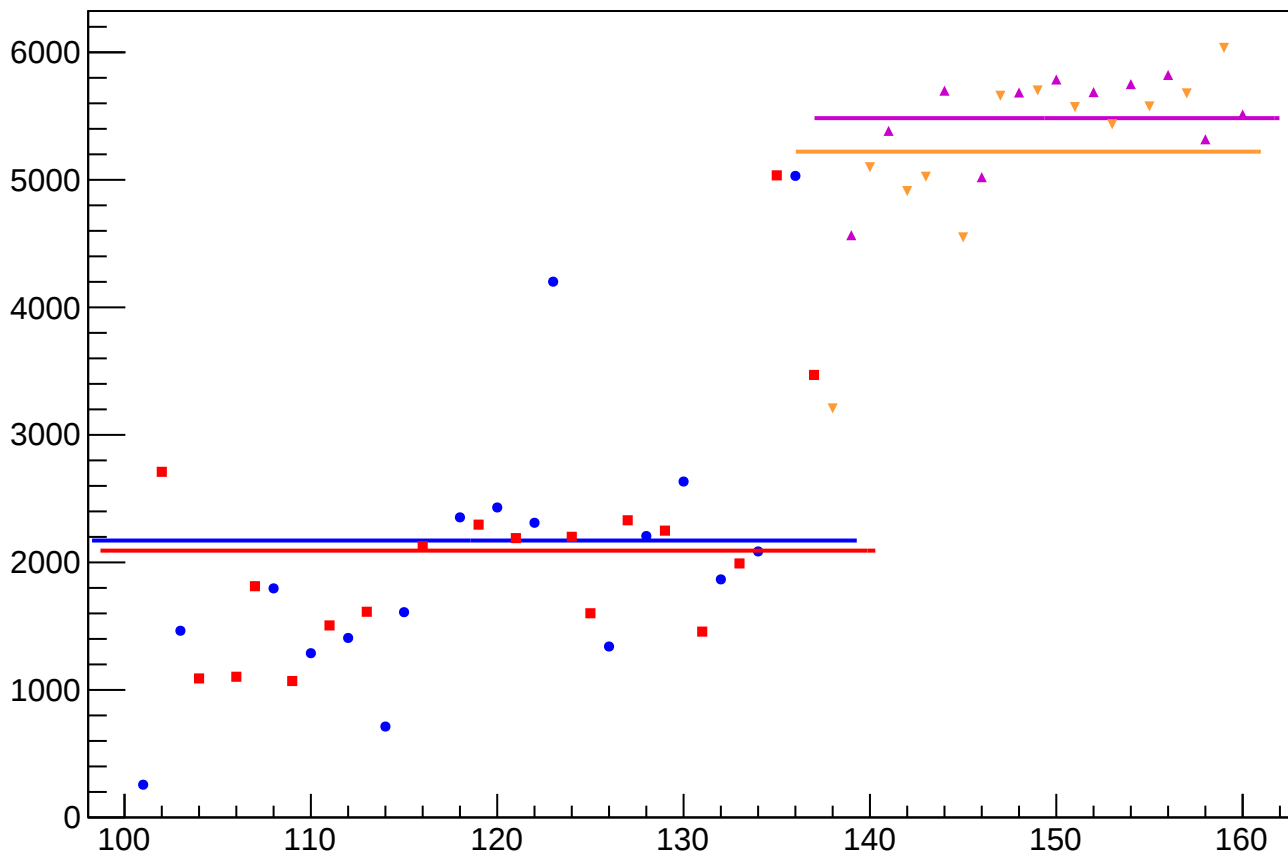
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

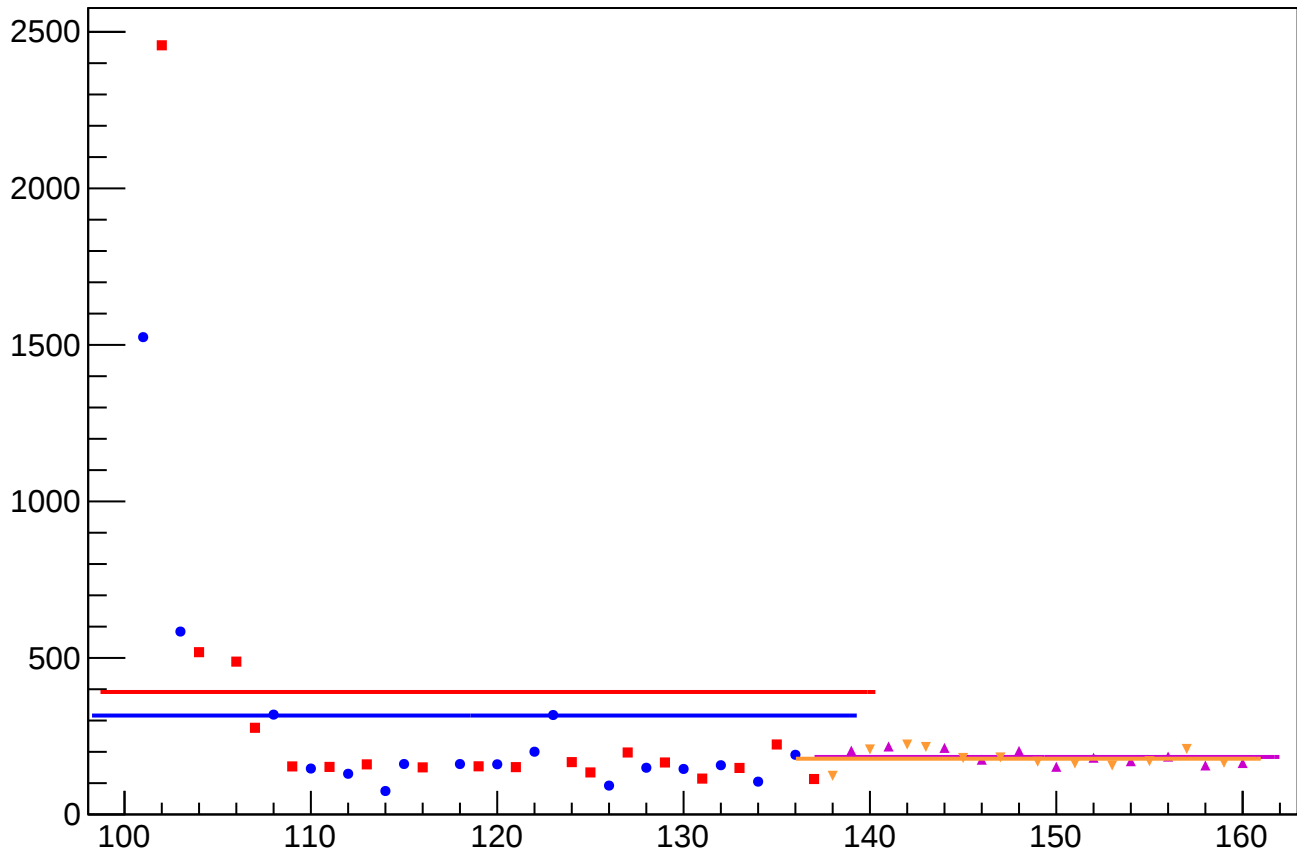
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

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



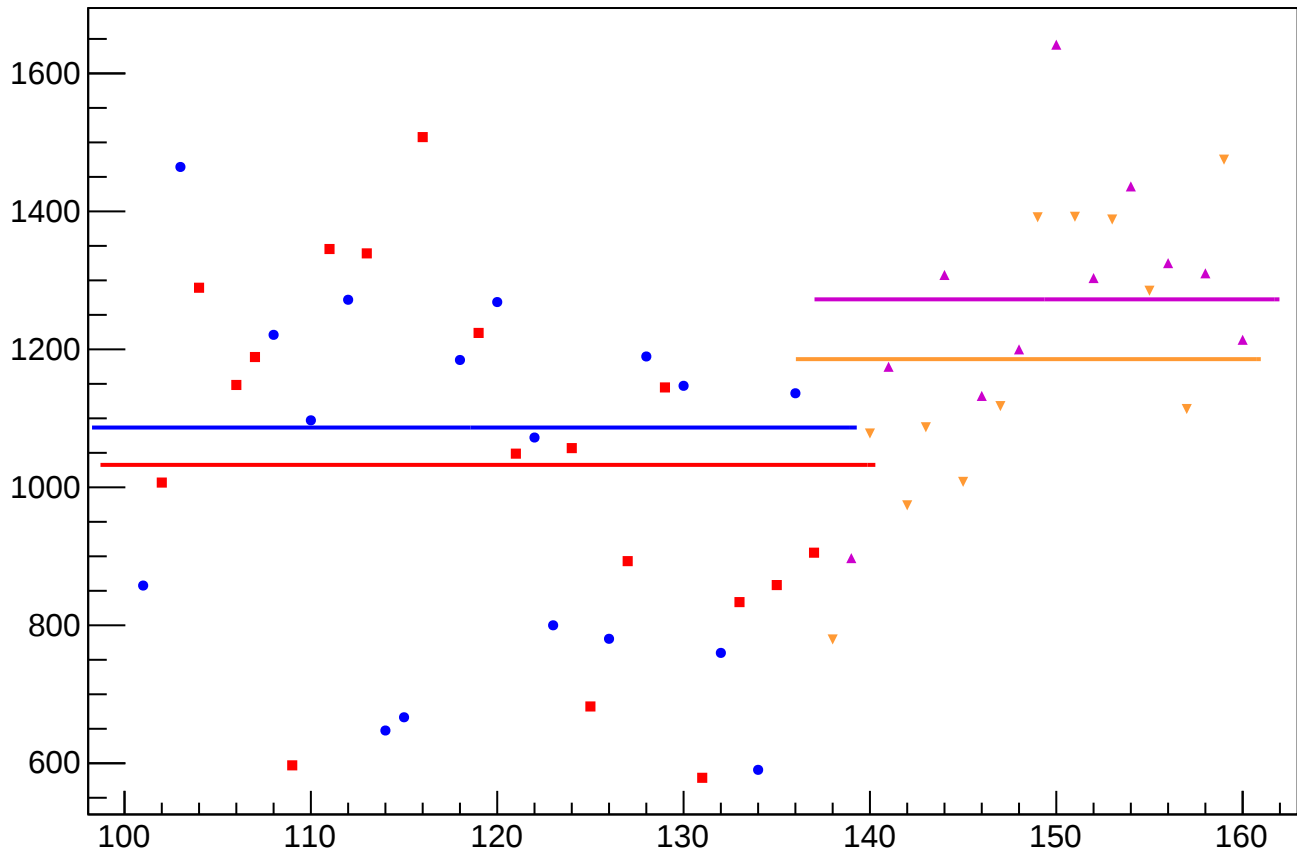
Right In: 315.988+/-0.000 χ^2/NDF : 105245970043528229052885068868464148480.0/16

Left Out: 178.075+/-0.000 χ^2/NDF : 651585134849869206771008425477275648.0/11

Right Out: 391.241+/-0.000 χ^2/NDF : 278615743451952201300141162839823876096.0/17

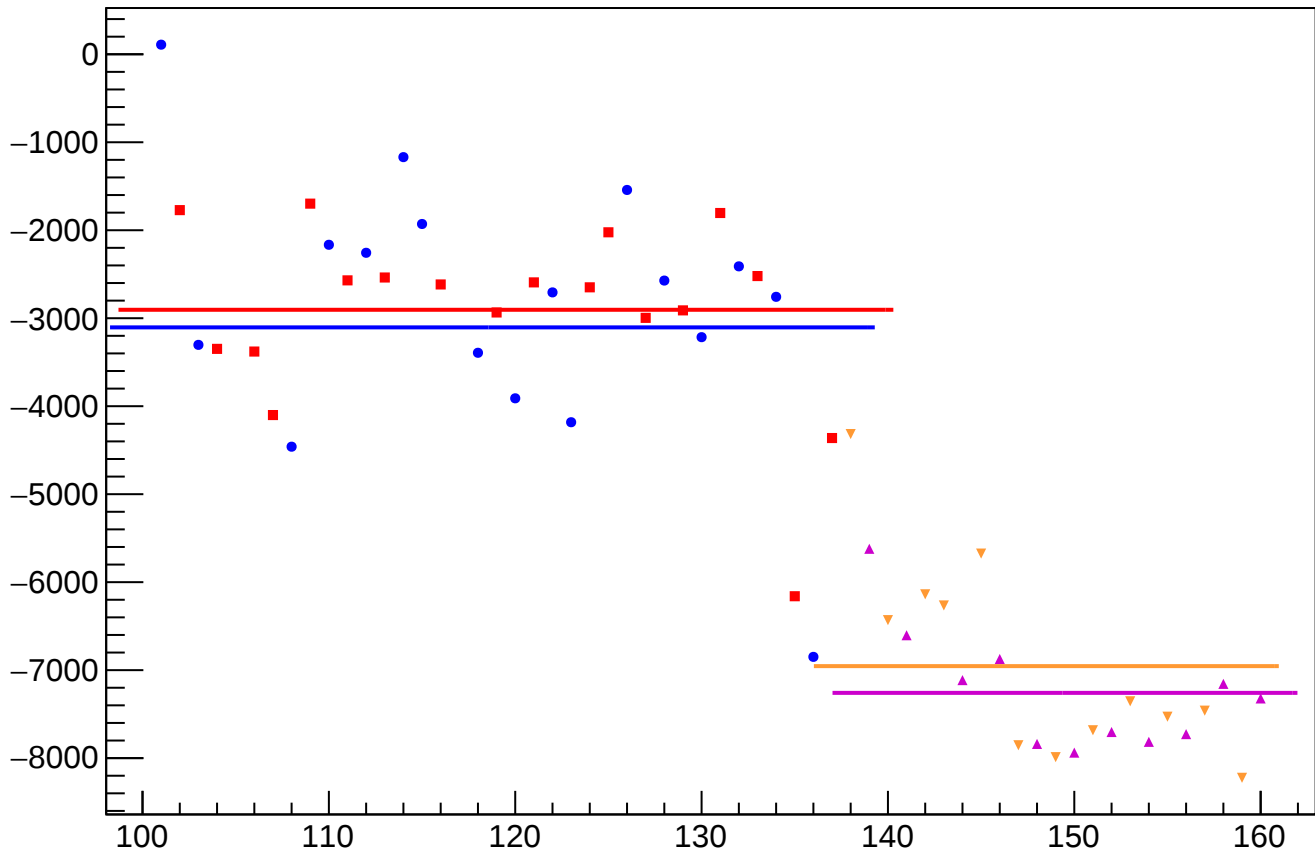
Left In: 183.693+/-0.000 χ^2/NDF : 436901081723904411805948593427185664.0/10

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

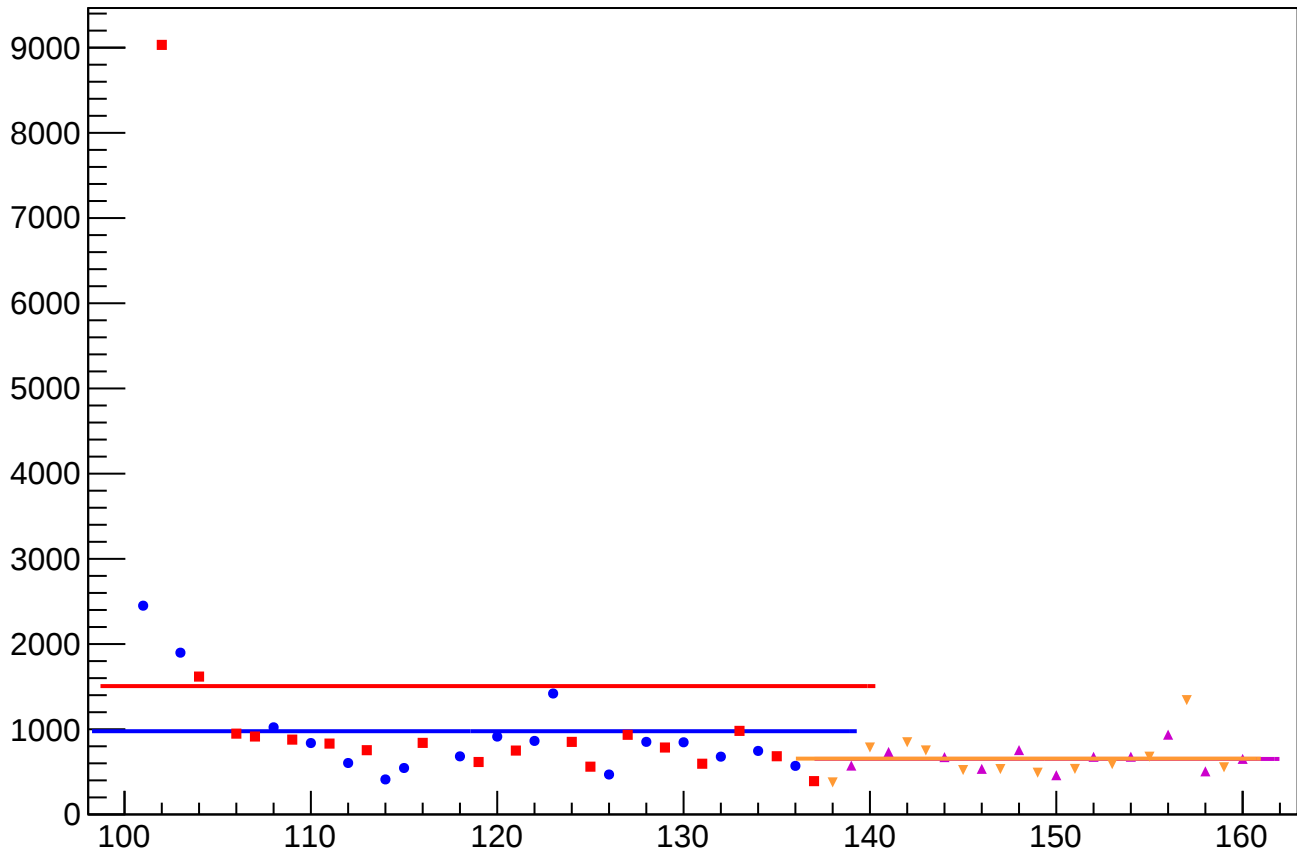
dit_atr2_coil3_mean vs Slug



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



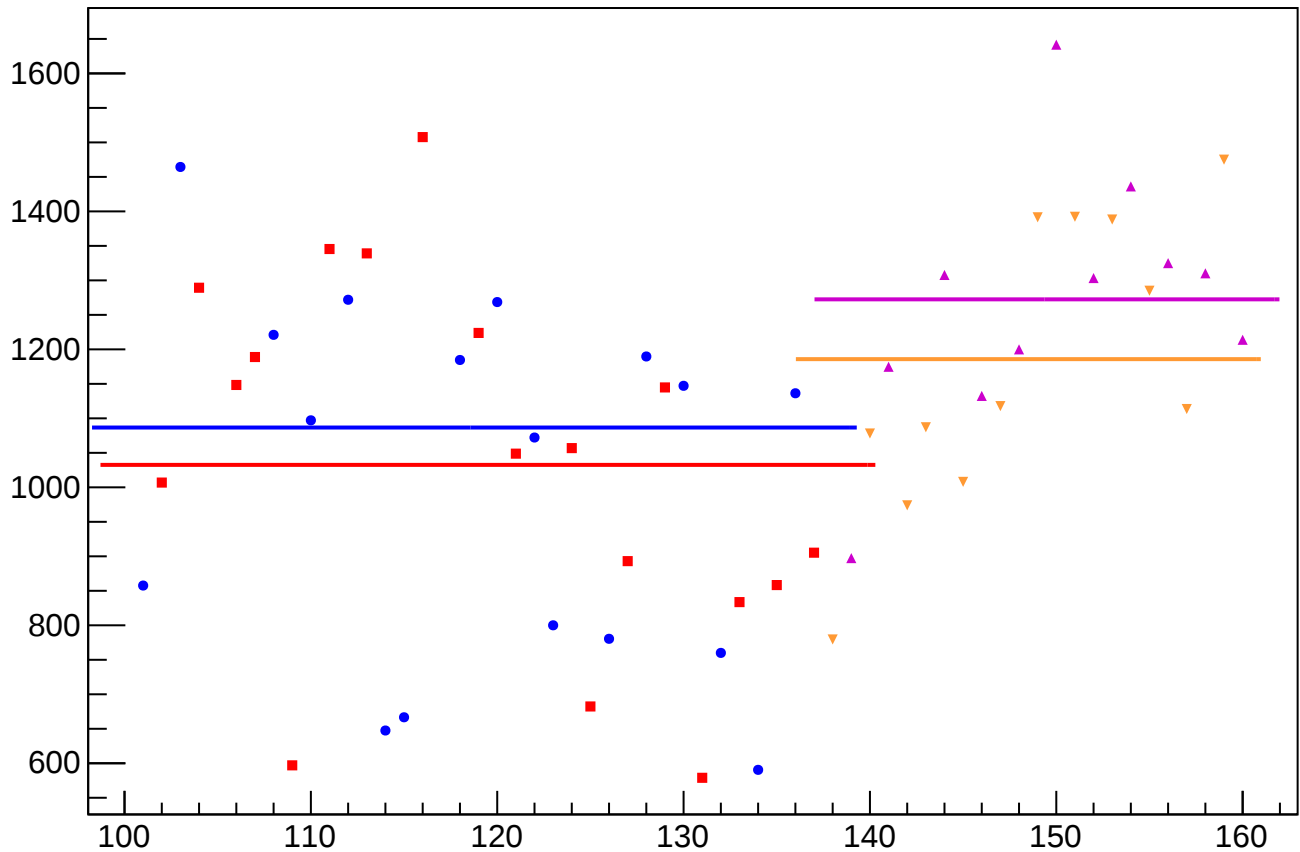
Right In: 977.095+/-0.000 χ^2/NDF : 229572106069348964280530708212477853696.0/16

Left Out: 655.166+/-0.000 χ^2/NDF : 51874874251518032023744139034586251264.0/11

Right Out: 1506.543+/-0.000 χ^2/NDF : 3621204096431683433019783695973291655168.0/17

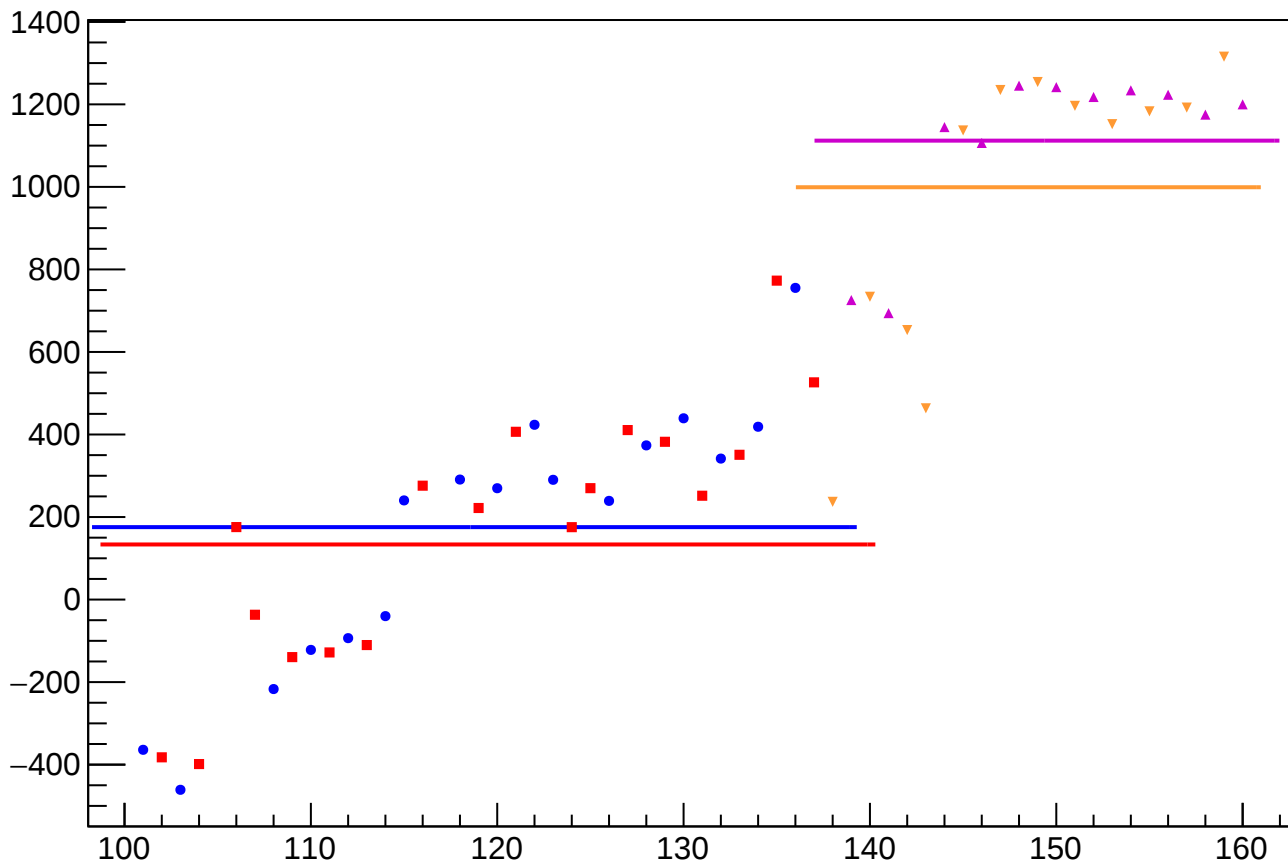
Left In: 651.533+/-0.000 χ^2/NDF : 14771751730893507411820547842989096960.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 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_sam1_coil3_mean vs Slug



Right In: 175.537+/-0.000 χ^2/NDF : 95726276788203913105887314540463390720.0/16

Left Out: 999.146+/-0.000 χ^2/NDF : 105564366035075461974618801527085596672.0/11

Right Out: 133.524+/-0.000 χ^2/NDF : 76029583873433989388564211432616361984.0/17

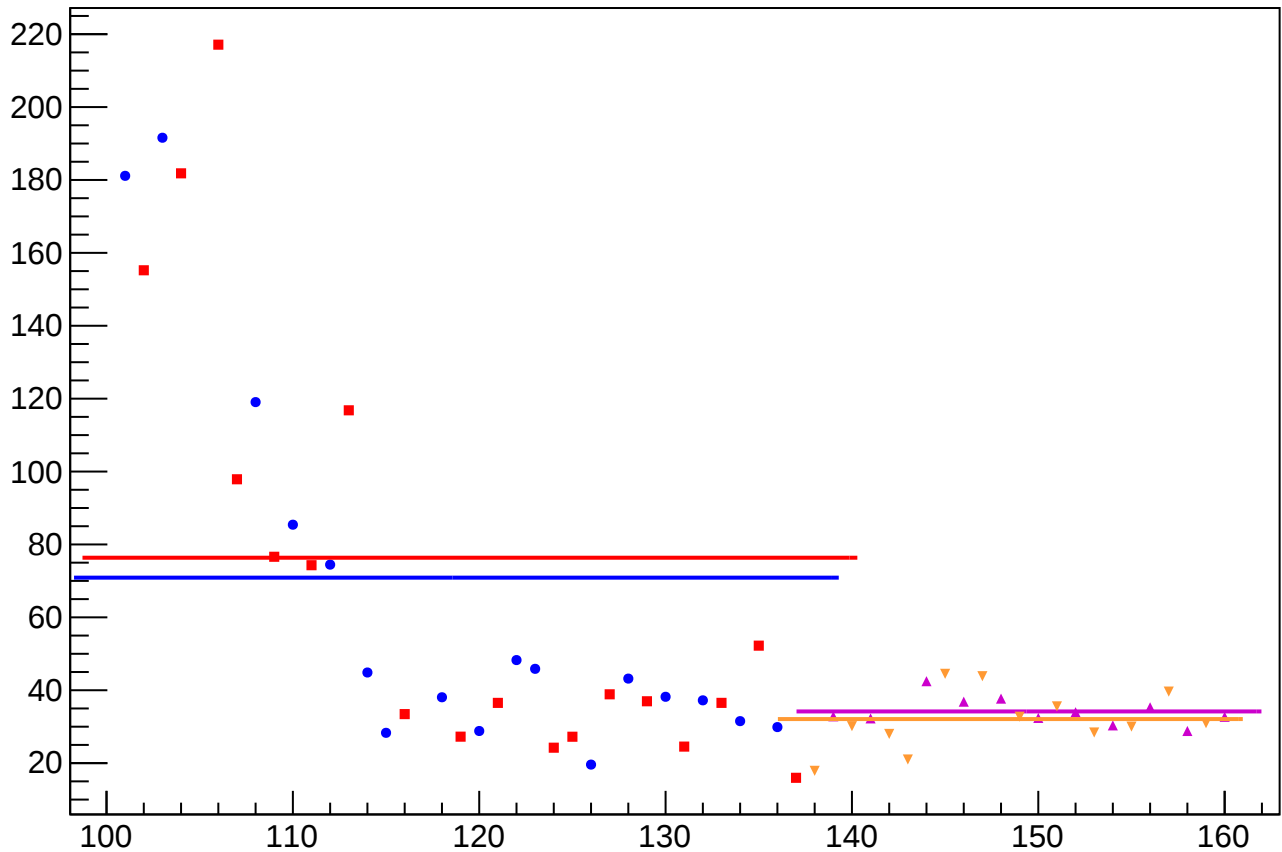
Left In: 1112.074+/-0.000 χ^2/NDF : 34304488318555265110633397434623983616.0/10

+ sign 642.574+/-0.000 χ^2/NDF : 468241907498970

All: 665.359+/-0.000 χ^2/NDF : 967829469596

- sign 687.521+/-0.000 χ^2/NDF : 497945950535614

dit_sam1_coil3_err_mean vs Slug



Right In: 70.892+/-0.000 χ^2/NDF : 2275734493854200628376973265629872128.0/16

Left Out: 32.091+/-0.000 χ^2/NDF : 54625109486428917738965927425212416.0/11

Right Out: 76.360+/-0.000 χ^2/NDF : 2382375226603203691068269213188620288.0/17

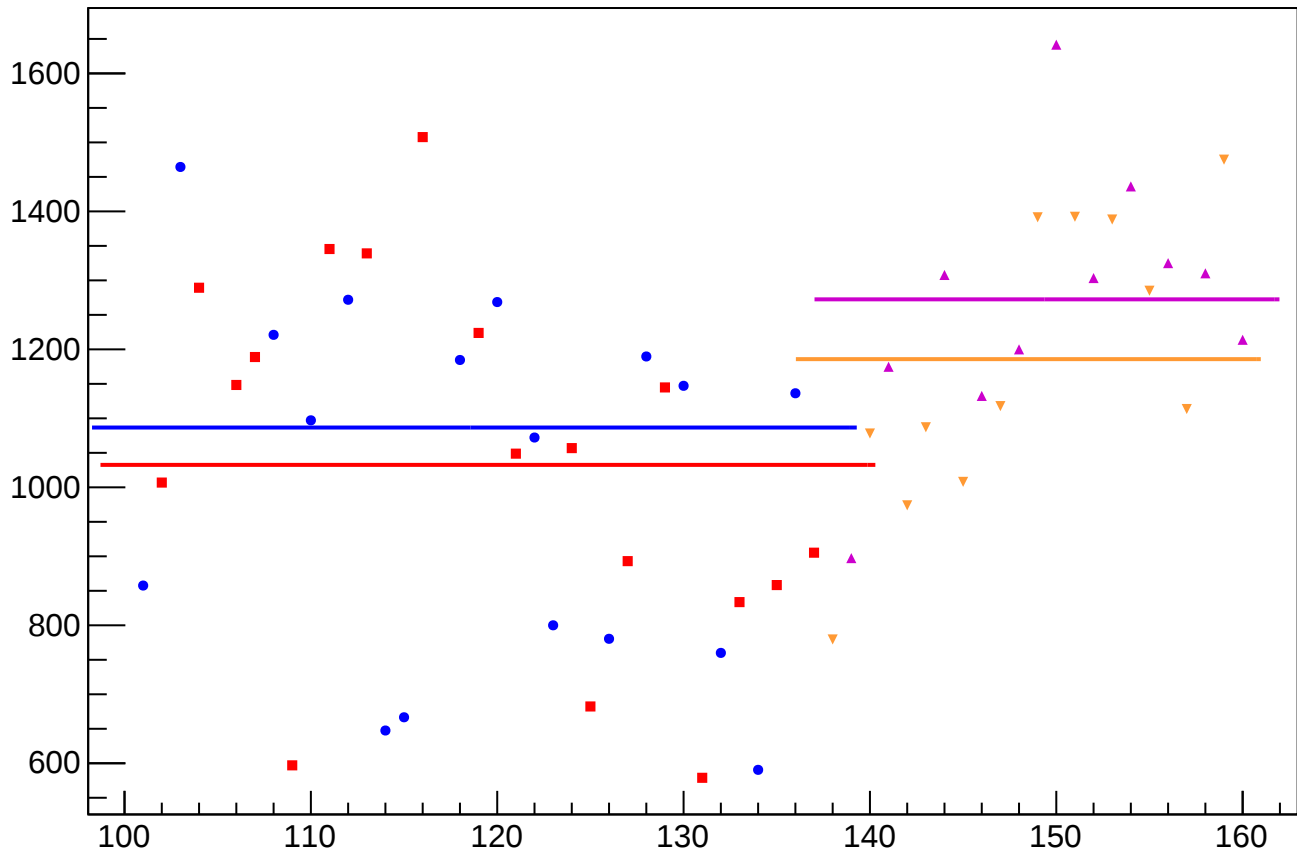
Left In: 34.184+/-0.000 χ^2/NDF : 12426918146189706802189676664848384.0/10

+ sign 48.890+/-0.000 χ^2/NDF : 2922849558667242

All: 50.711+/-0.000 χ^2/NDF : 6048160583171

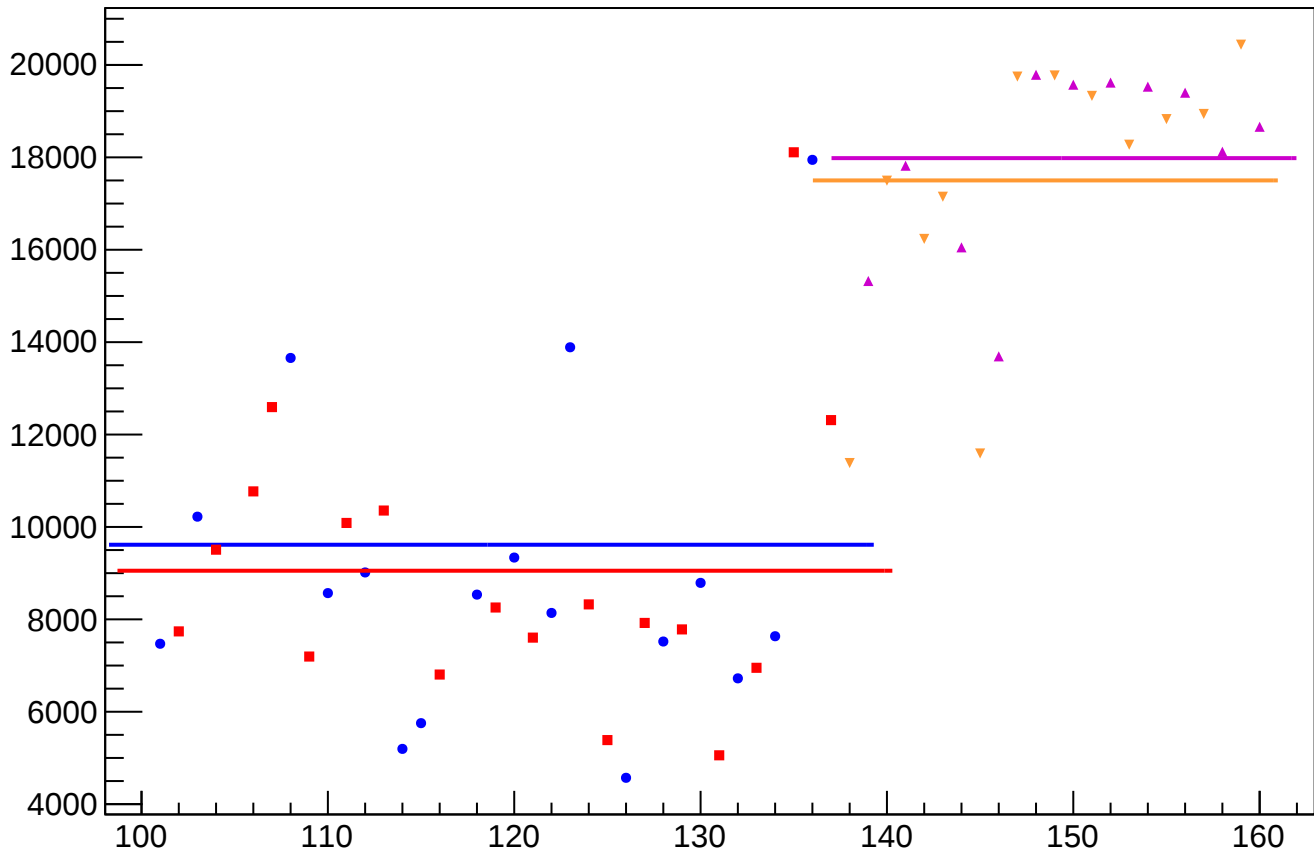
- sign 52.483+/-0.000 χ^2/NDF : 3114822076713713

dit_sam1_coil3_Ndata_mean vs Slug



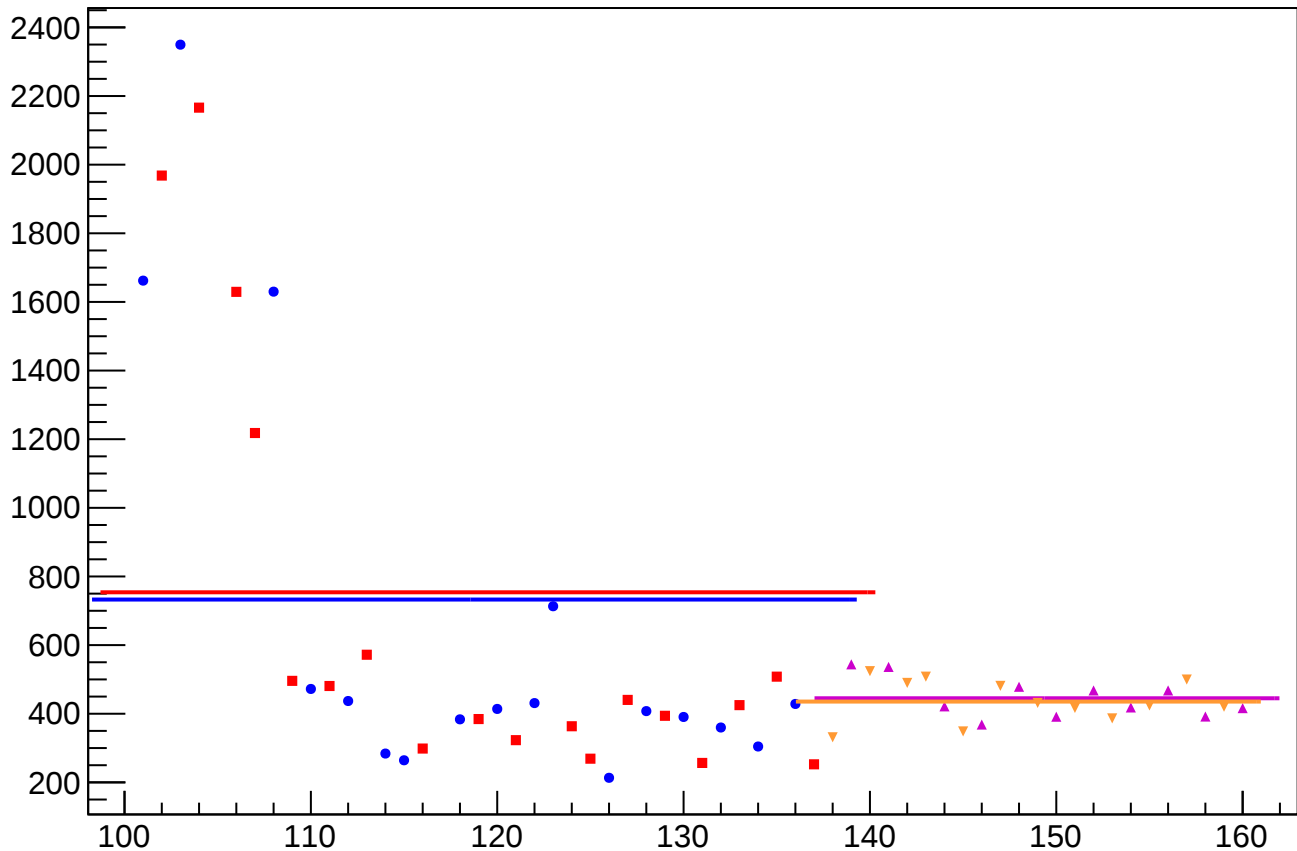
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10
 + 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_sam2_coil3_mean vs Slug



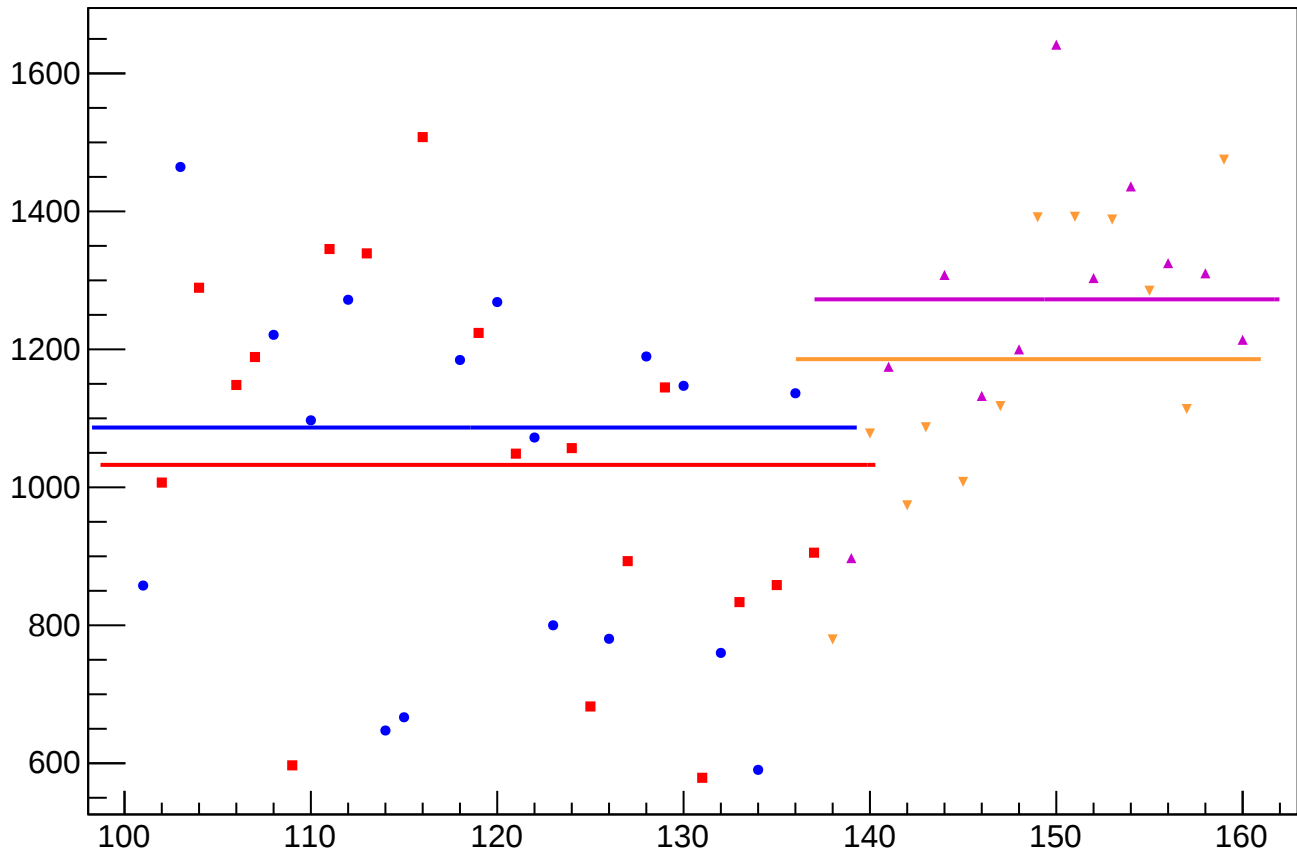
Right In: 9614.932+/-0.000 χ^2/NDF : 9450588438014082769578324832201526476800.0/16
 Left Out: 17500.786+/-0.000 χ^2/NDF : 7846813012026023217295297642858706632704.0/11
 Right Out: 9052.441+/-0.000 χ^2/NDF : 6723672544856808135538254172135519944704.0/17
 Left In: 17983.189+/-0.000 χ^2/NDF : 3584595715288567917039077291852254150656.0/10

dit_sam2_coil3_err_mean vs Slug



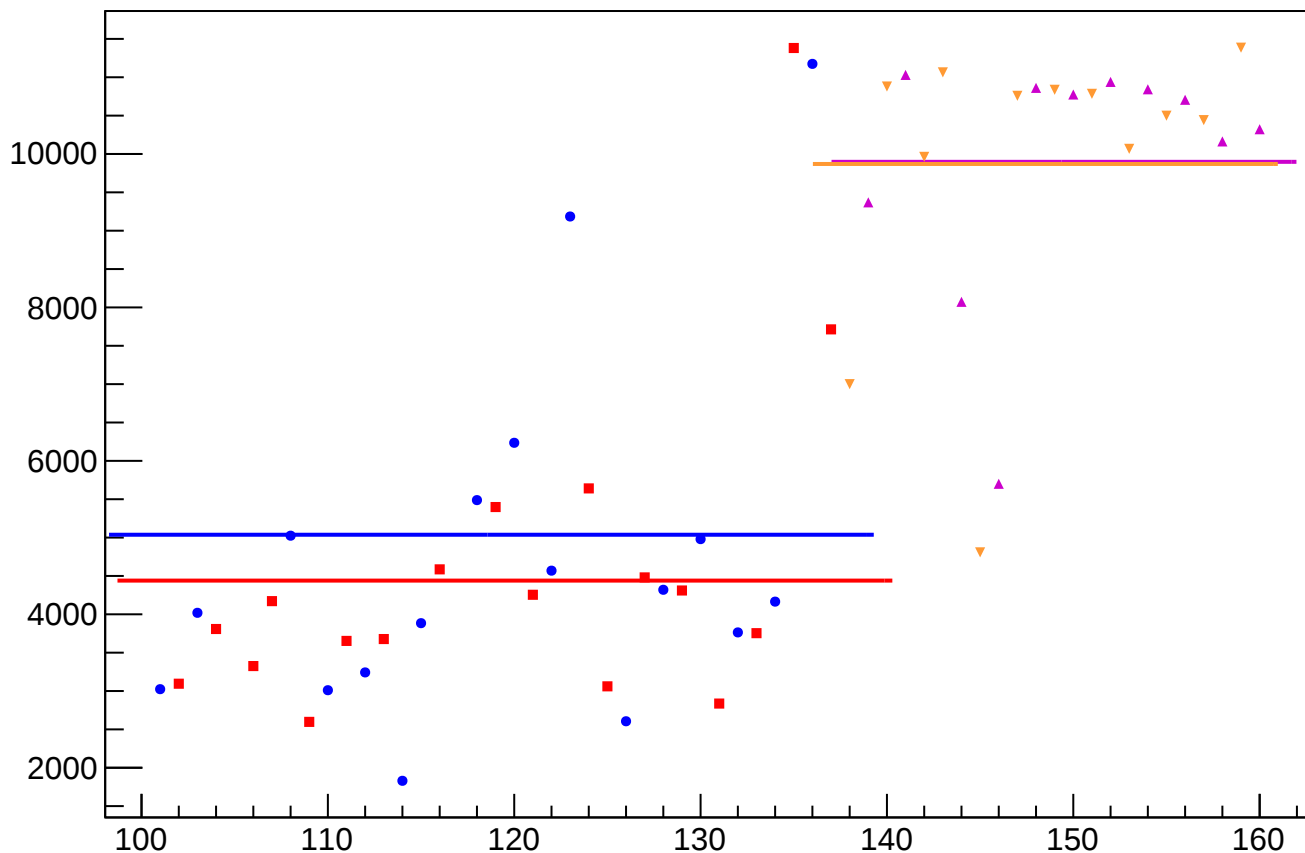
Right In: 732.742+/-0.000 χ^2/NDF : 301740459340268060292037793871684435968.0/16
 Left Out: 435.461+/-0.000 χ^2/NDF : 3296772866704872156721083756341886976.0/11
 Right Out: 753.888+/-0.000 χ^2/NDF : 288199108578840040054796930815893700608.0/17
 Left In: 445.056+/-0.000 χ^2/NDF : 2842998762330216596366474874240106496.0/10

dit_sam2_coil3_Ndata_mean vs Slug



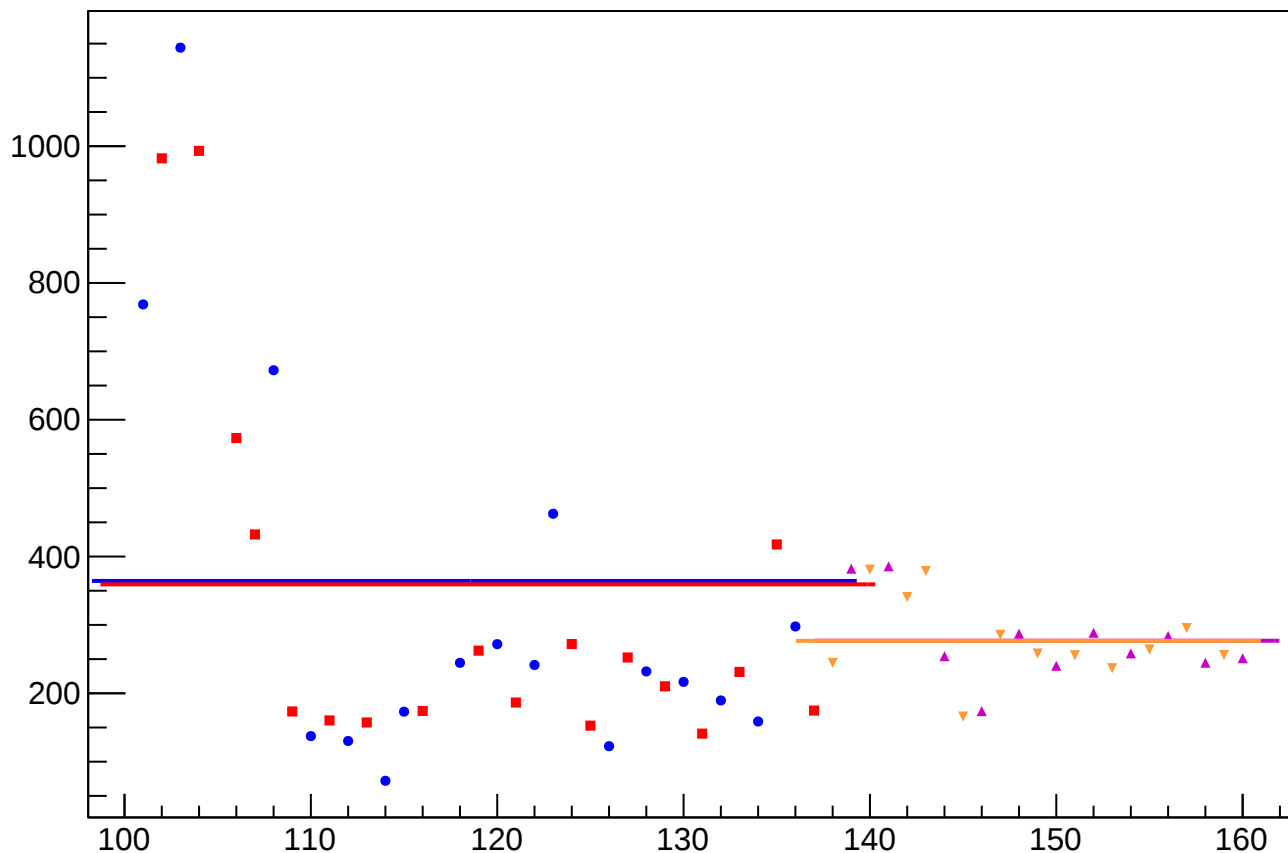
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

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

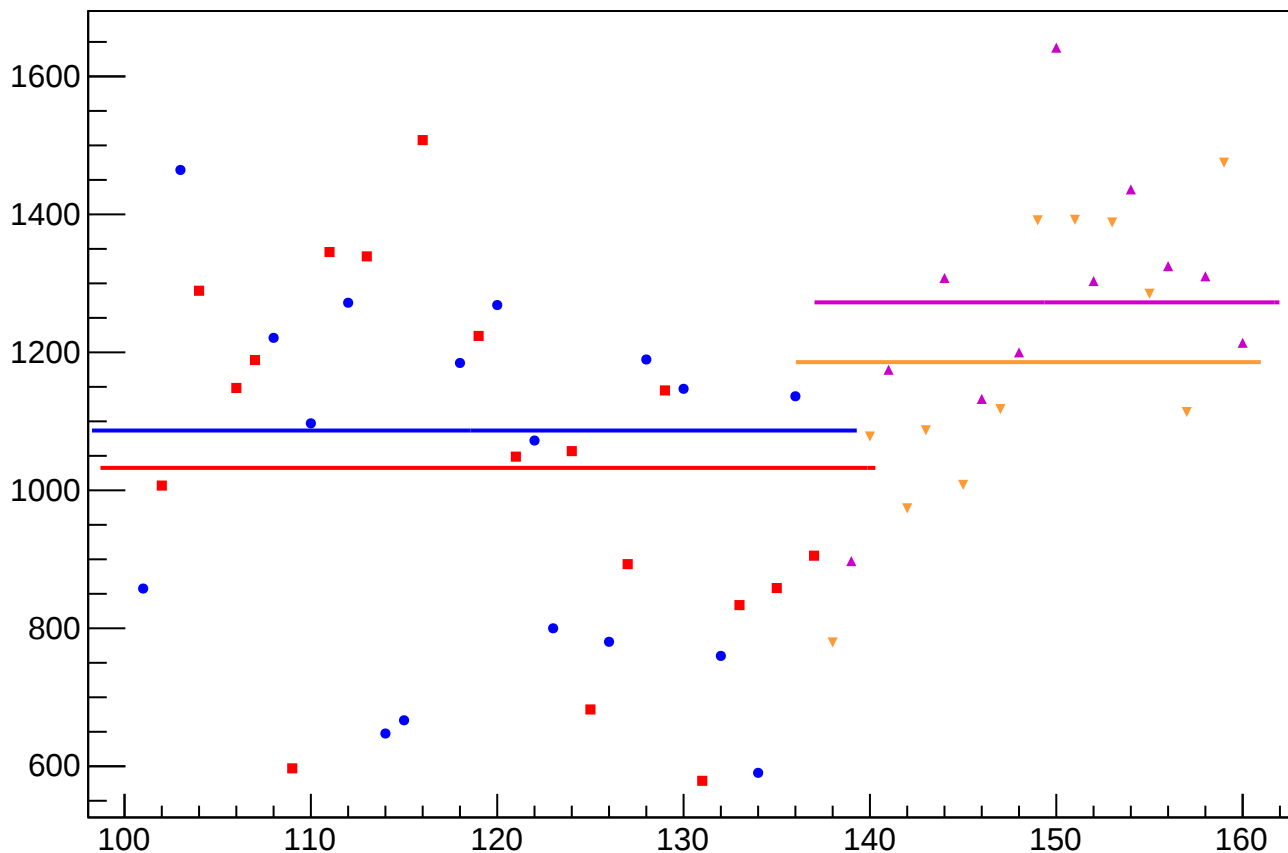
Right Out: 359.283+/-0.000 χ^2/NDF : 58838911094170702852650084457083043840.0/17

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+/-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

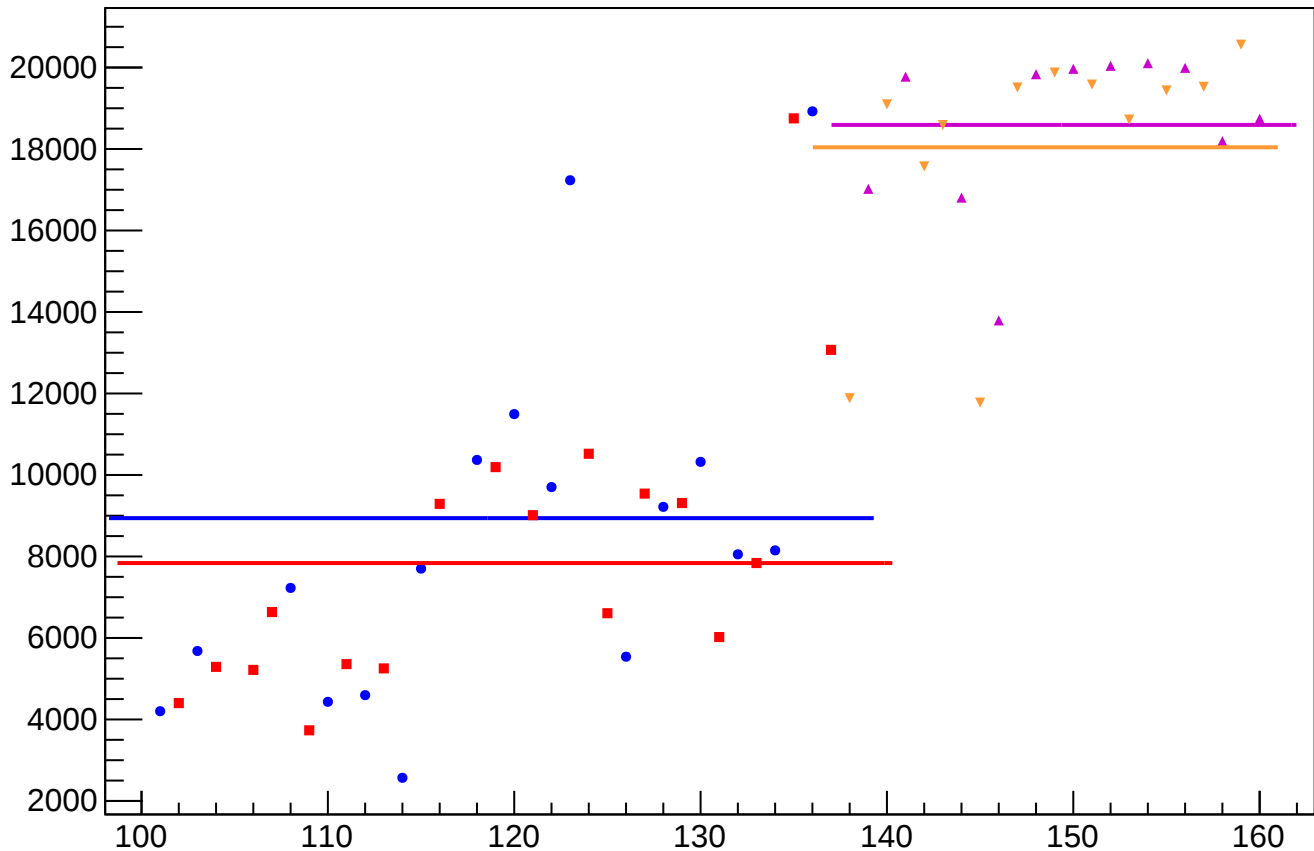
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

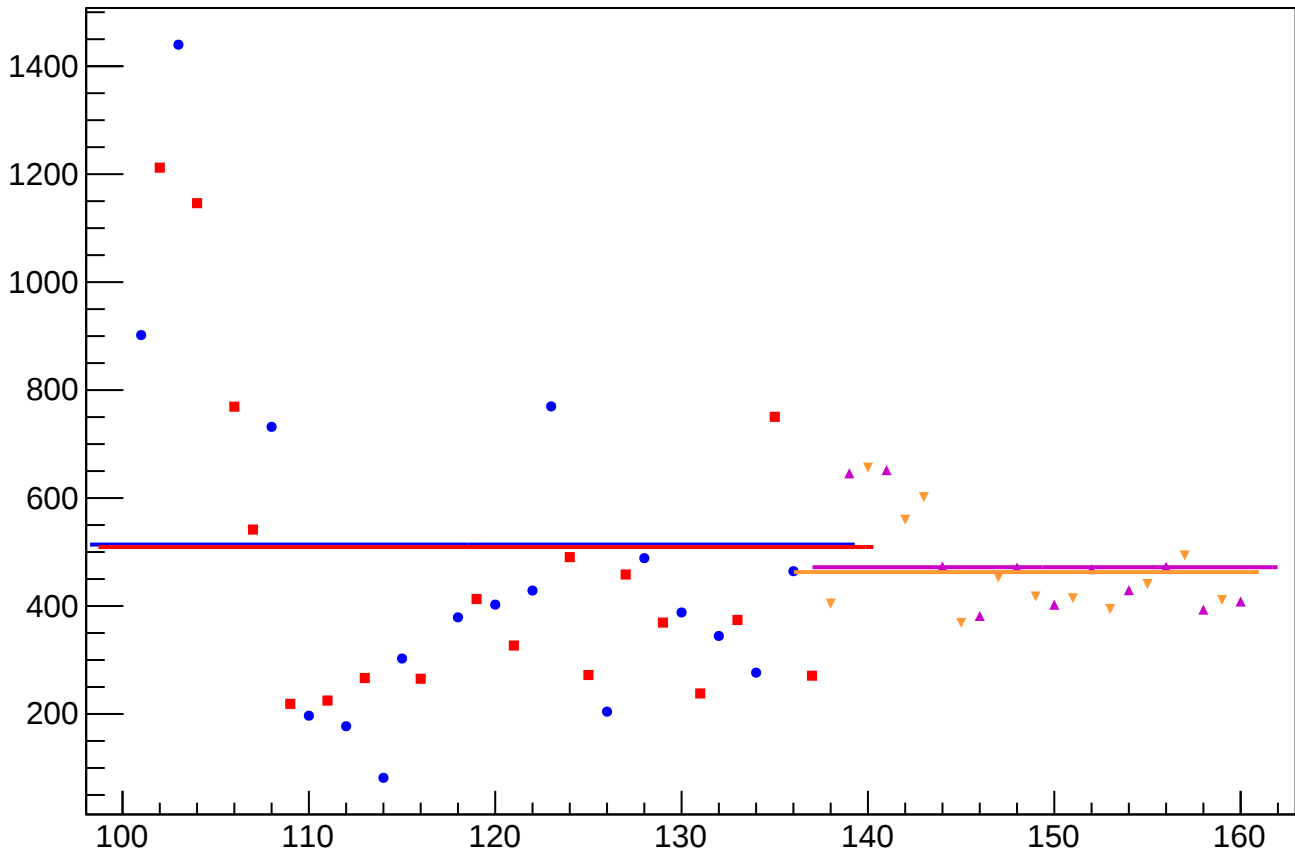
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam4_coil3_mean vs Slug



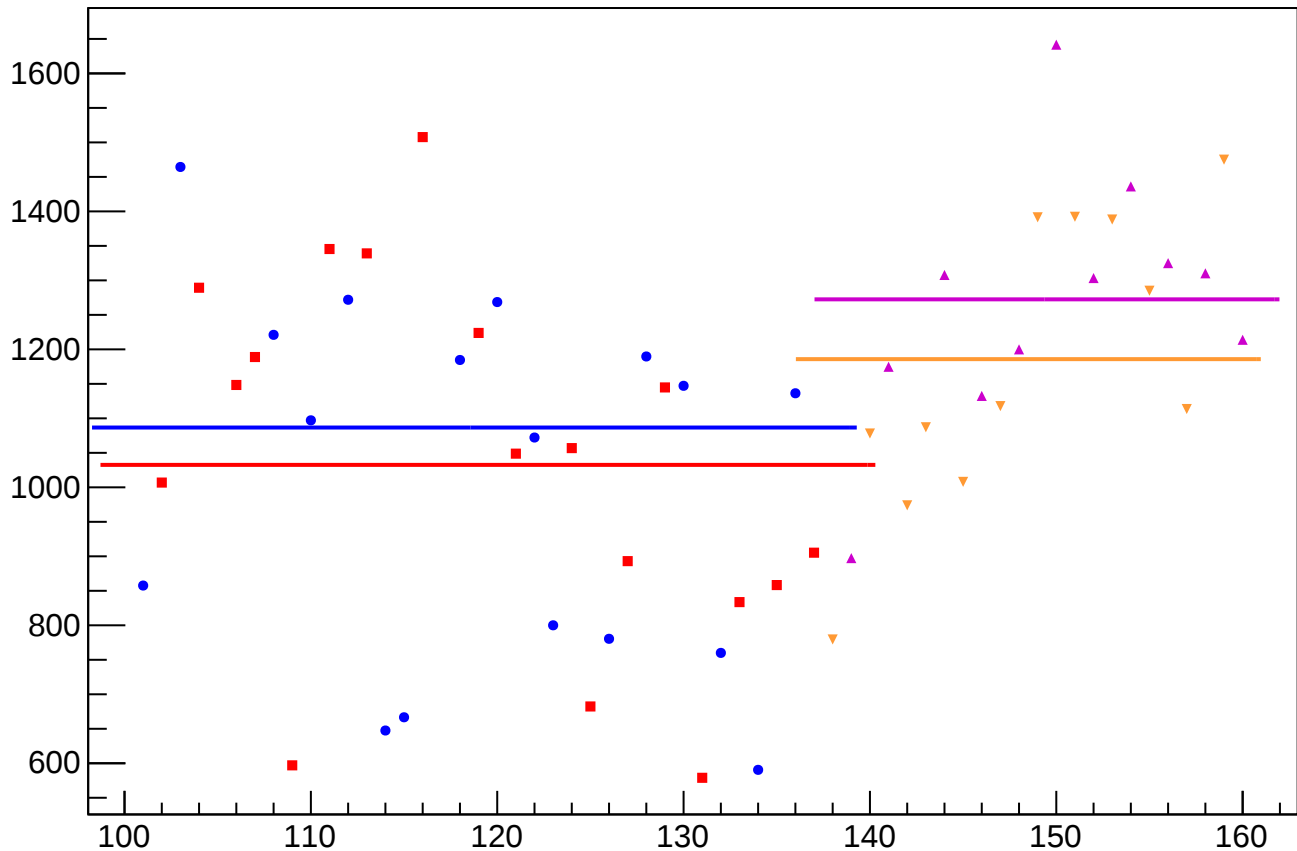
Right In: 8940.709+/-0.000 χ^2/NDF : 14252298982323079680975069701388839682048.0/16
 Left Out: 18042.230+/-0.000 χ^2/NDF : 7640646522897487857135230772113708154880.0/11
 Right Out: 7838.226+/-0.000 χ^2/NDF : 9846913896882704140251290027429415878656.0/17
 Left In: 18591.547+/-0.000 χ^2/NDF : 3373827841621741048896229754913272365056.0/10

dit_sam4_coil3_err_mean vs Slug



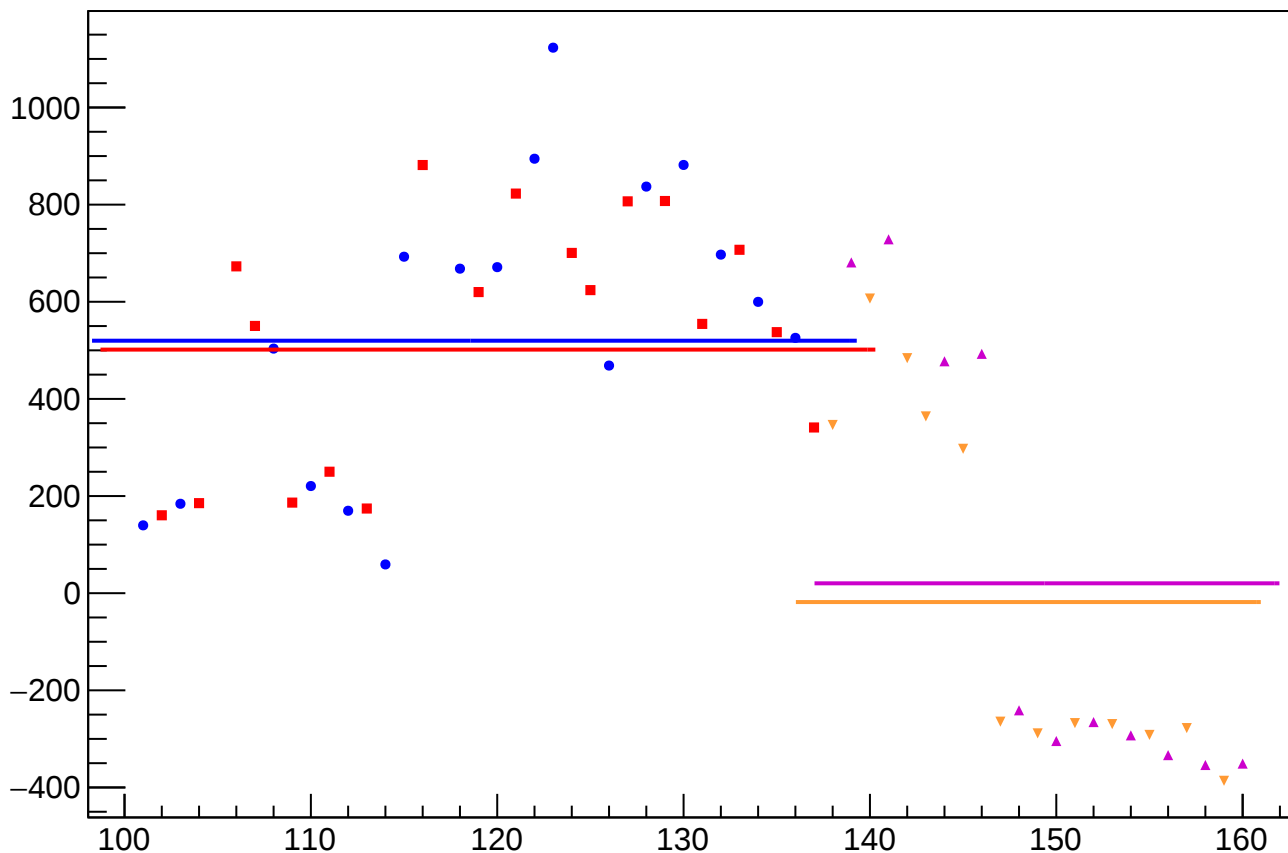
Right In: 513.843+/-0.000 χ^2/NDF : 82523650579604289792107532326249955328.0/16
 Left Out: 462.844+/-0.000 χ^2/NDF : 6830648525623684817395137022896635904.0/11
 Right Out: 509.362+/-0.000 χ^2/NDF : 75678926781858707627162203023281750016.0/17
 Left In: 471.889+/-0.000 χ^2/NDF : 7312350507184124665031072386098659328.0/10

dit_sam4_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_sam5_coil3_mean vs Slug



Right In: 519.845+/-0.000 χ^2/NDF : 50391712122122241983004017290687545344.0/16

+ sign 214.715+/-0.000 χ^2/NDF : 278712564493039

Left Out: -18.246+/-0.000 χ^2/NDF : 114374265303636923998653923051335319552.0/11

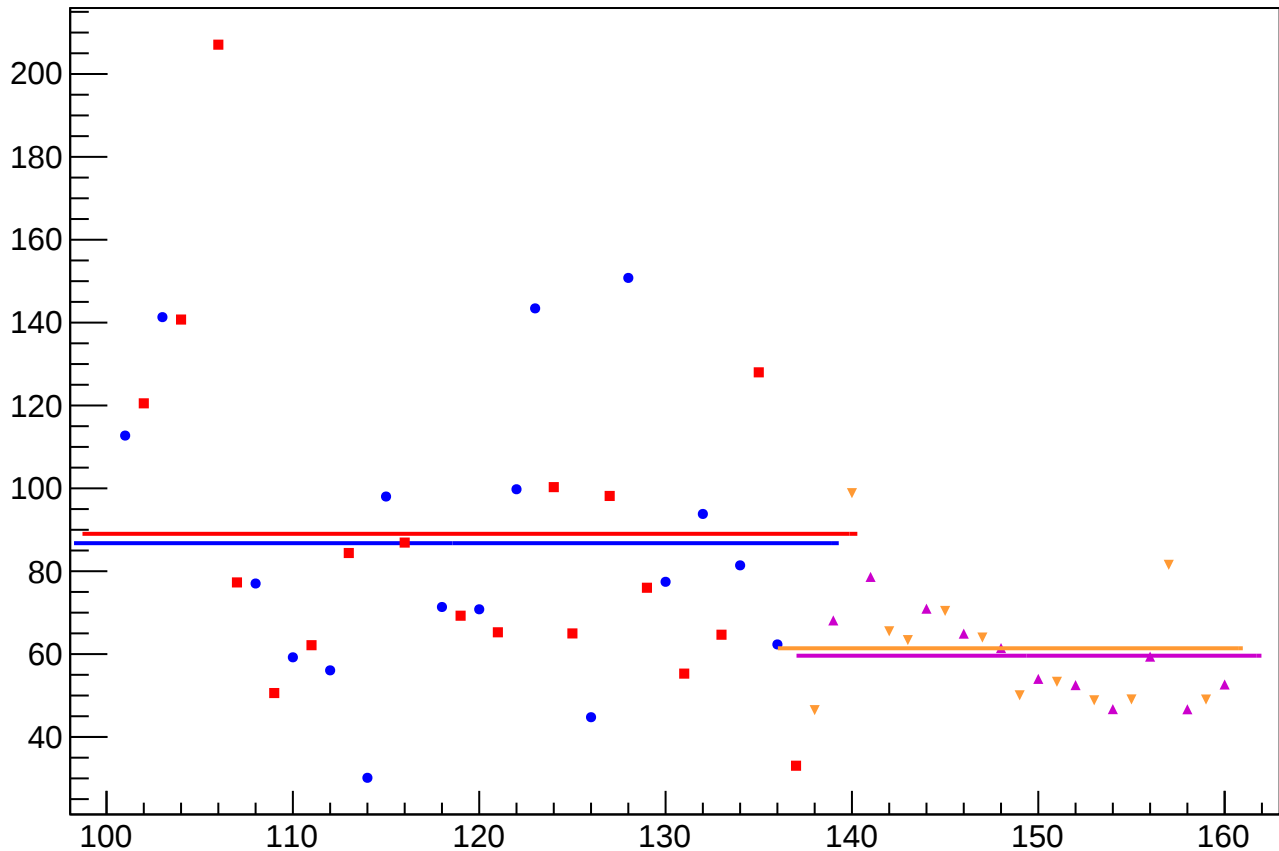
All: 222.007+/-0.000 χ^2/NDF : 597278728263

Right Out: 501.527+/-0.000 χ^2/NDF : 45593938816418547057443342639695921152.0/17

- sign 229.100+/-0.000 χ^2/NDF : 318398000001888

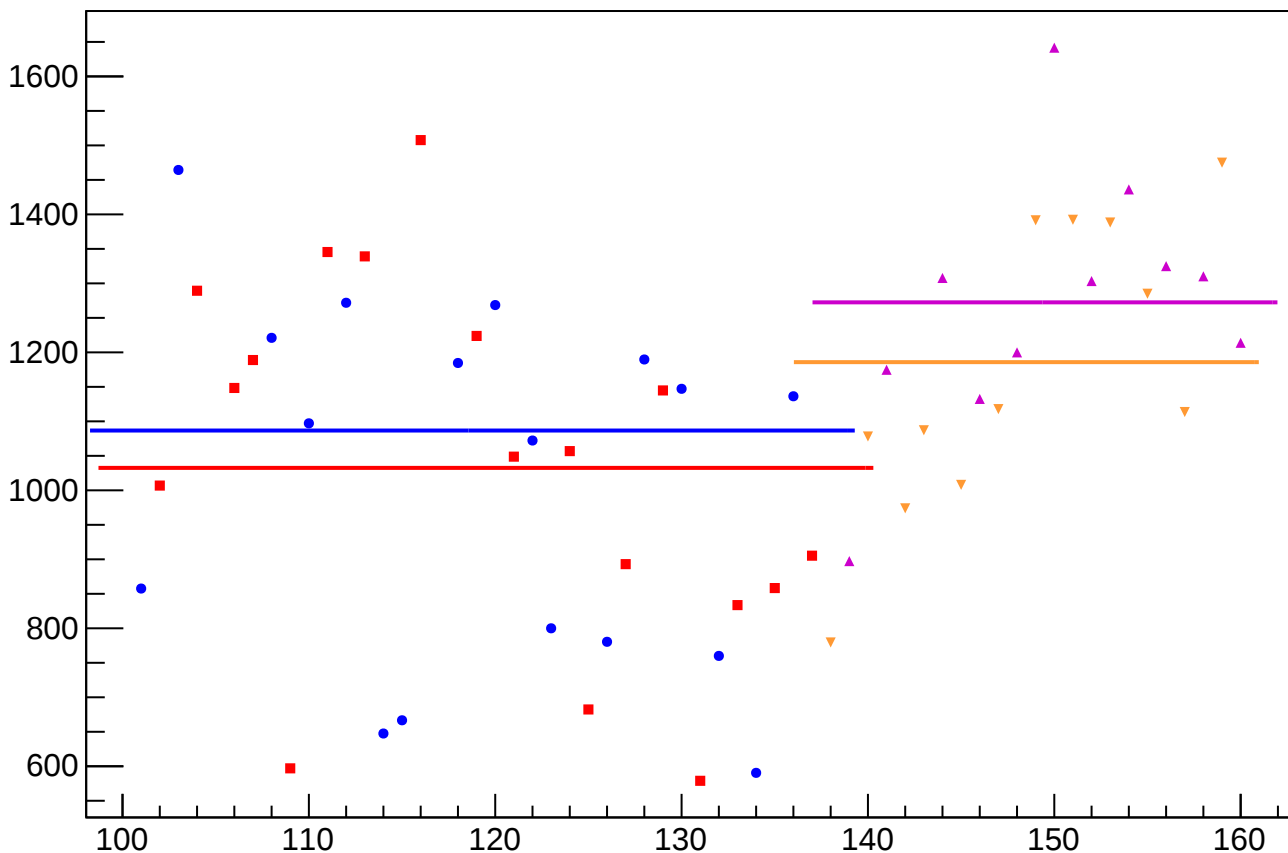
Left In: 20.328+/-0.000 χ^2/NDF : 179073709967558112986870071766256975872.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 86.768+/-0.000	χ^2/NDF : 727044528904958232730586242846031872.0/16	+ sign 72.384+/-0.000	χ^2/NDF : 1204145407859687
Left Out: 61.403+/-0.000	χ^2/NDF : 223902255538930337202441578161897472.0/11	All: 72.379+/-0.000	χ^2/NDF : 2659416943751
Right Out: 89.028+/-0.000	χ^2/NDF : 1014702057025769592460755223634247680.0/17	- sign 72.374+/-0.000	χ^2/NDF : 1455271447529364
Left In: 59.611+/-0.000	χ^2/NDF : 90277020610973878591704182850322432.0/10		

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

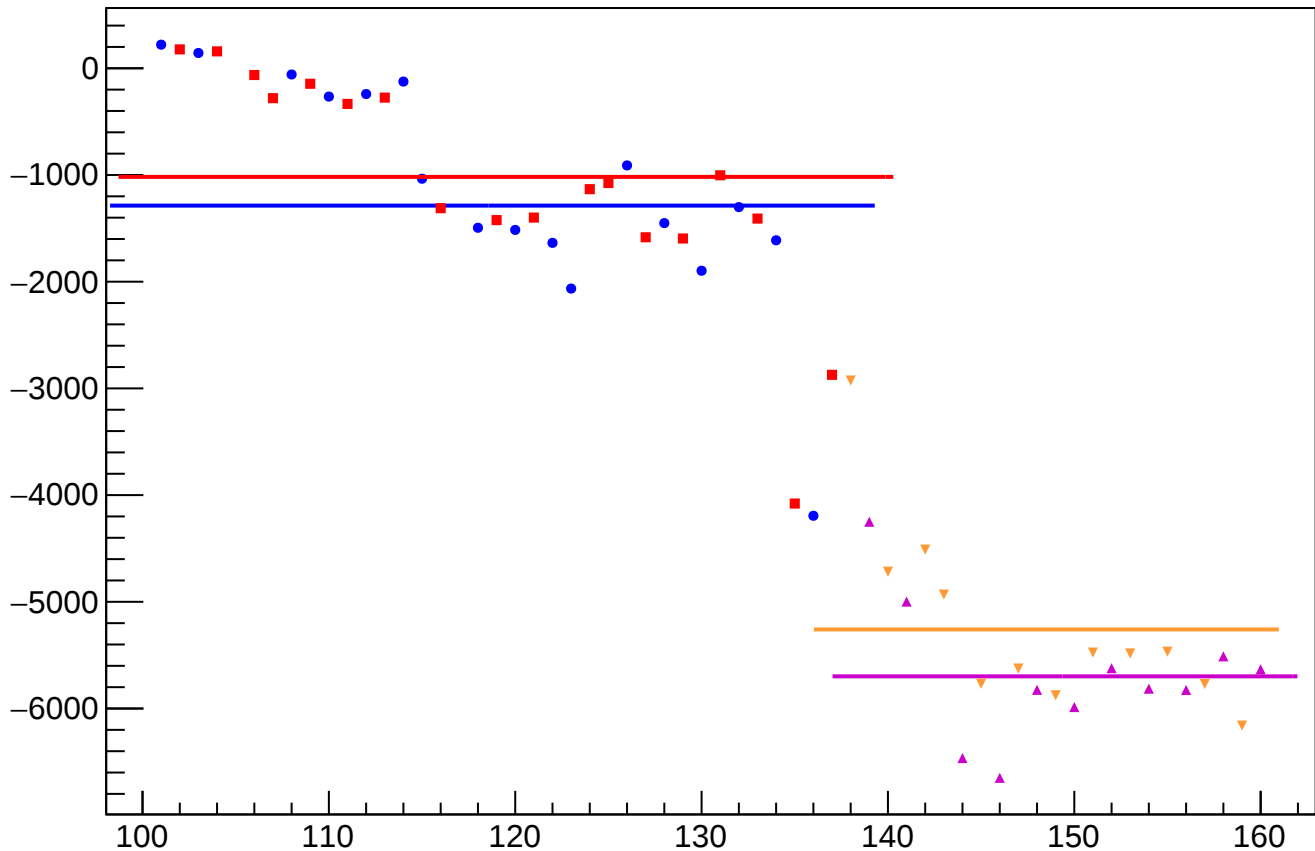
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

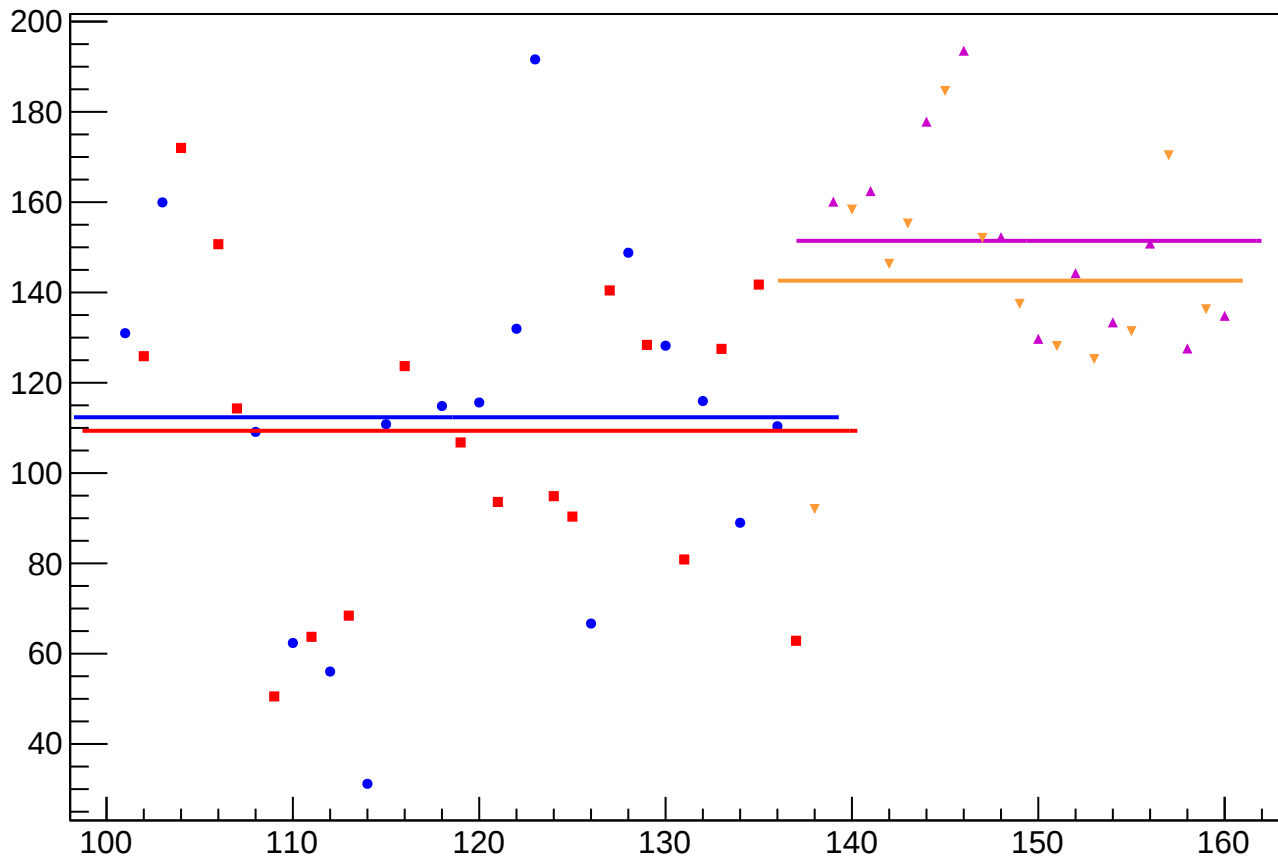
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam6_coil3_mean vs Slug



Right In: -1287.018+/-0.000	χ^2/NDF : 1204676715439313496734702006985495150592.0/16
Left Out: -5258.932+/-0.000	χ^2/NDF : 639767885689374953846002118656698351616.0/11
Right Out: -1017.680+/-0.000	χ^2/NDF : 852354346622995689266162288487263371264.0/17
Left In: -5698.540+/-0.000	χ^2/NDF : 354071828835191382316642971835621703680.0/10
+ sign -3539.339+/-0.000 χ^2/NDF : 8052986737379	
All: -3604.411+/-0.000 χ^2/NDF : 1814194905	
- sign -3667.706+/-0.000 χ^2/NDF : 10075572274658	

dit_sam6_coil3_err_mean vs Slug



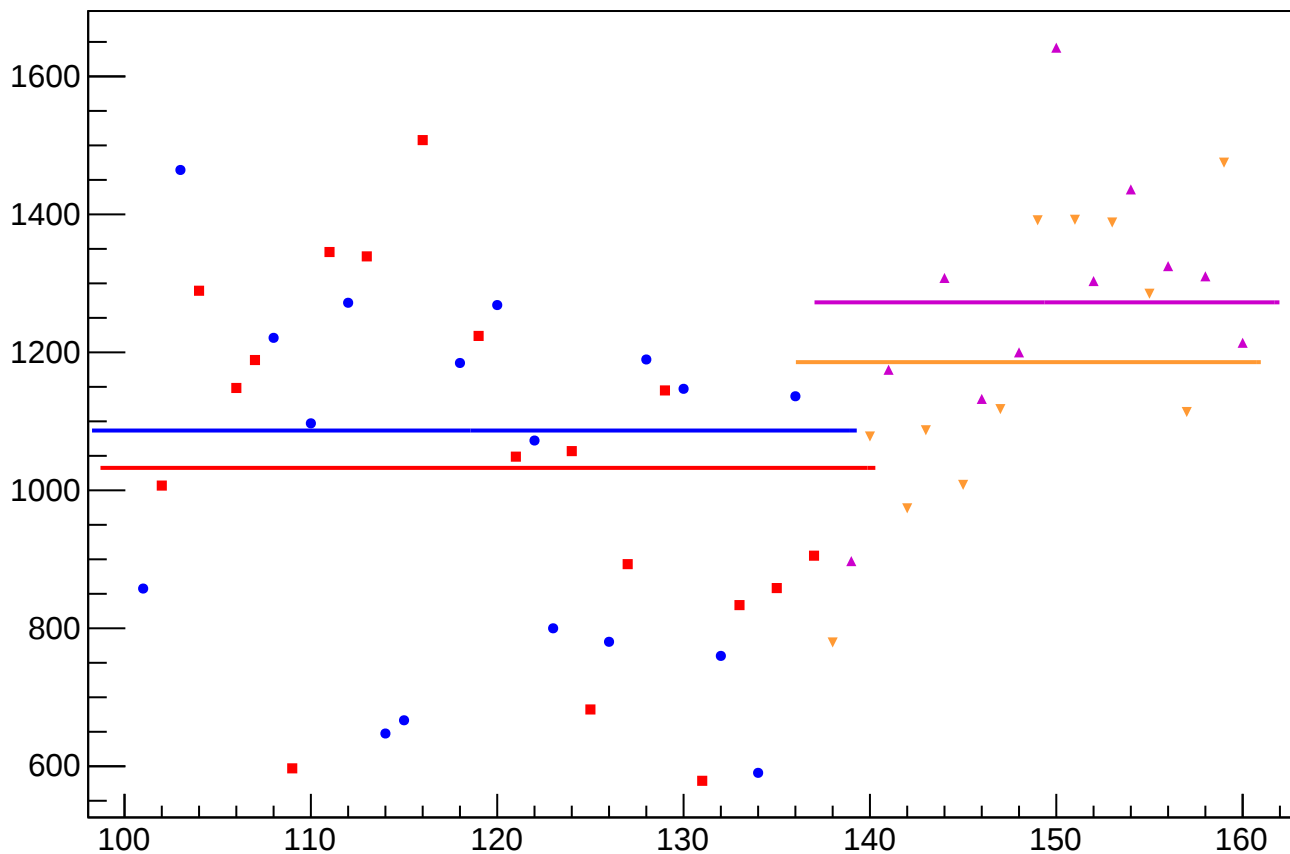
Right In: 112.364 $\pm$ 0.000 χ^2 /NDF: 704132882376699060399654305188020224.0/16

Left Out: 142.624 $\pm$ 0.000 χ^2 /NDF: 490075896728839516785223596523913216.0/11

Right Out: 109.364 $\pm$ 0.000 χ^2 /NDF: 838845293661778137888588246433136640.0/17

Left In: 151.432 $\pm$ 0.000 χ^2 /NDF: 371010449971260656611055665401561088.0/10

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

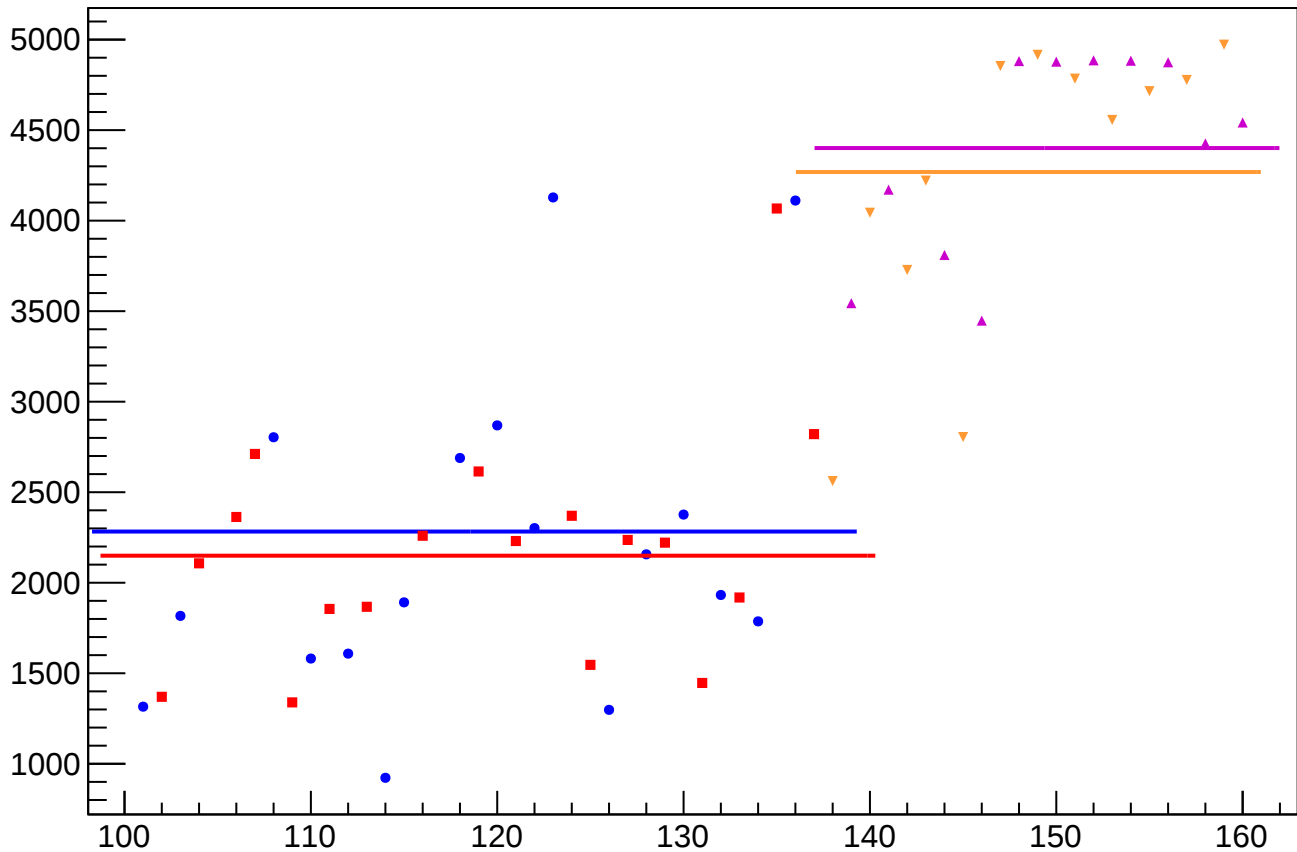
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

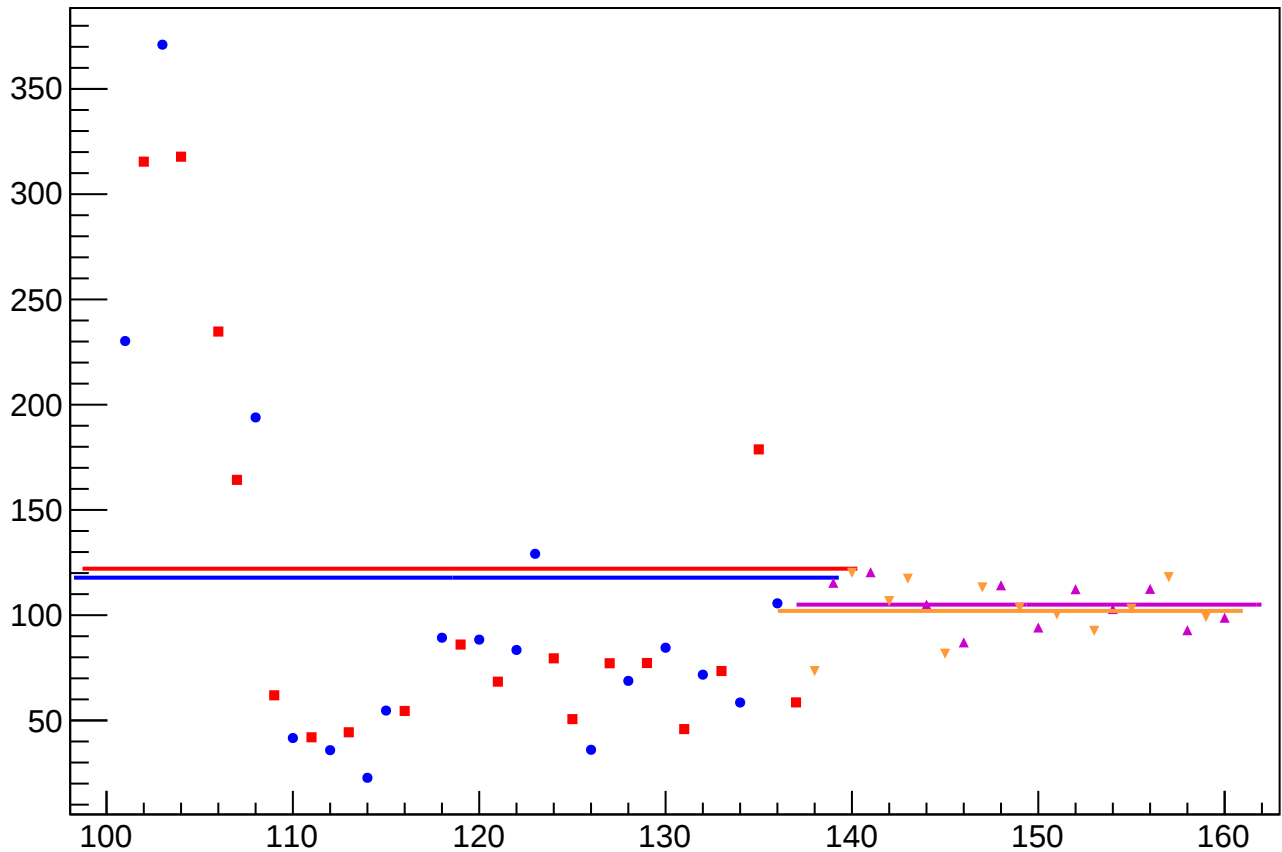
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam7_coil3_mean vs Slug



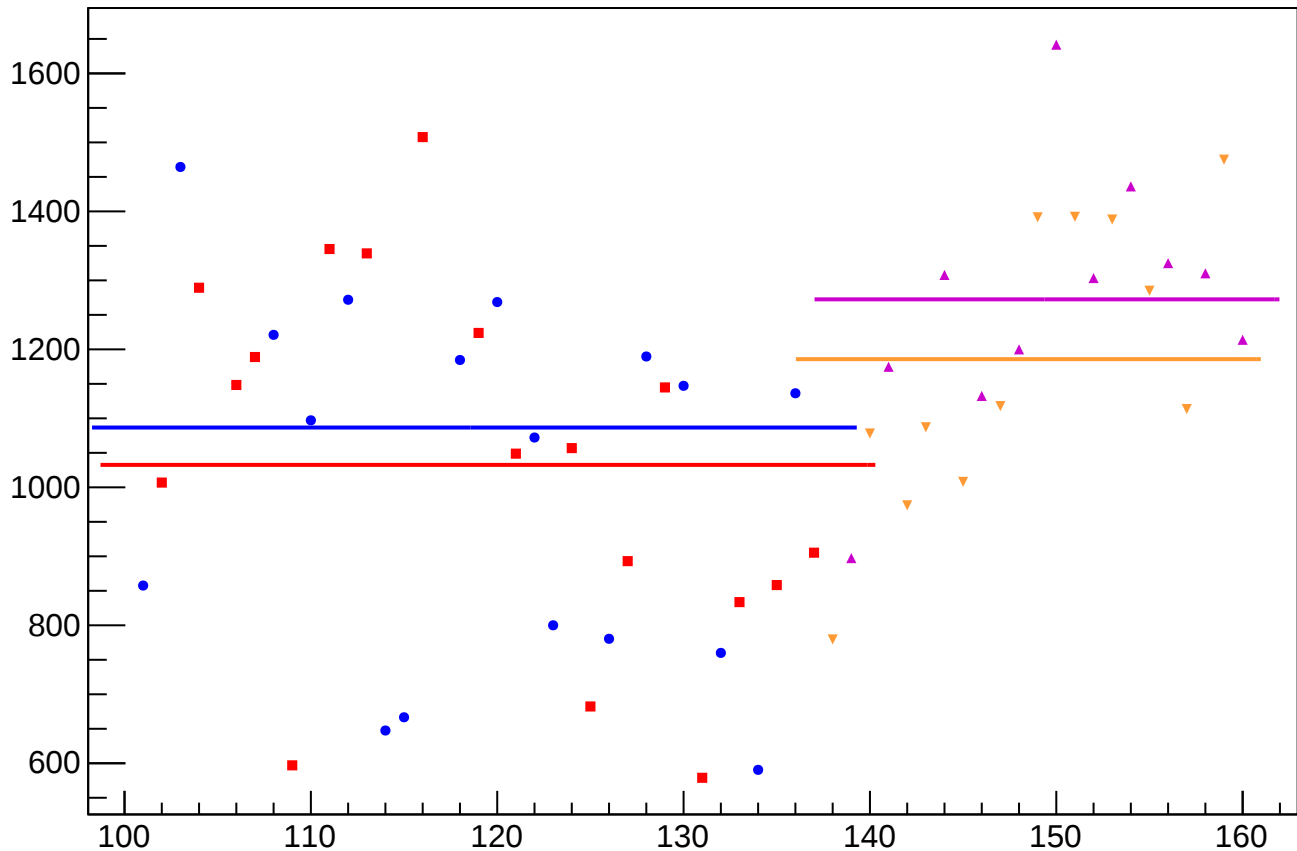
Right In: 2282.778+/-0.000 χ^2/NDF : 521869333583833068444115371437594771456.0/16
 Left Out: 4268.620+/-0.000 χ^2/NDF : 576373438836983826408088908187698200576.0/11
 Right Out: 2149.386+/-0.000 χ^2/NDF : 320631411360836158094549979591860027392.0/17
 Left In: 4401.016+/-0.000 χ^2/NDF : 271313470445828573503909403246788083712.0/10

dit_sam7_coil3_err_mean vs Slug



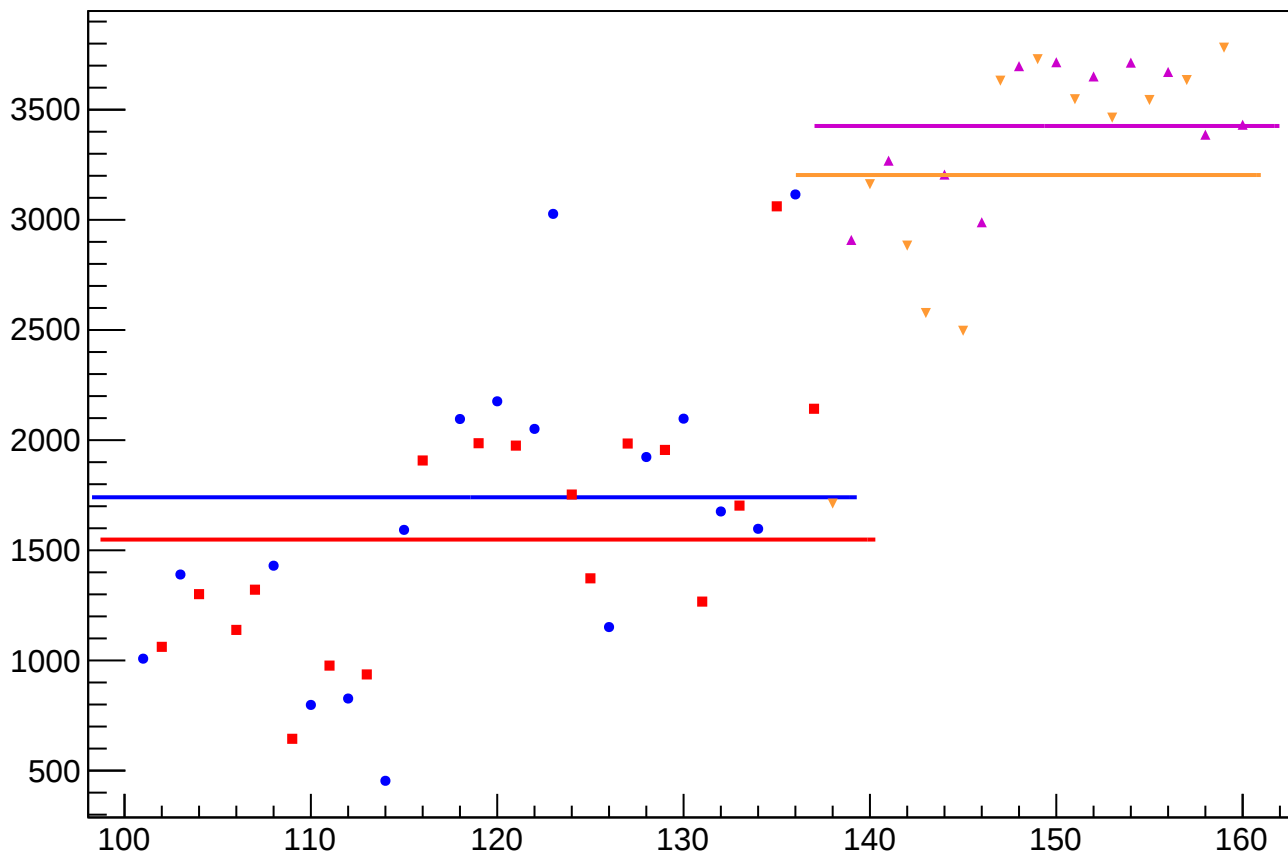
Right In: 117.825 $\pm$ 0.000 χ^2 /NDF: 6199421197695716182570916449760575488.0/16
 Left Out: 102.028 $\pm$ 0.000 χ^2 /NDF: 177124098717282134999436009607790592.0/11
 Right Out: 122.099 $\pm$ 0.000 χ^2 /NDF: 6546124684147045667679194482005245952.0/17
 Left In: 105.016 $\pm$ 0.000 χ^2 /NDF: 98103905520424947900201643718737920.0/10
 All: 110.672 $\pm$ 0.000 χ^2 /NDF: 132474040970
 + sign 108.867 $\pm$ 0.000 χ^2 /NDF: 647475111773895
 - sign 112.428 $\pm$ 0.000 χ^2 /NDF: 676235347012403

dit_sam7_coil3_Ndata_mean vs Slug



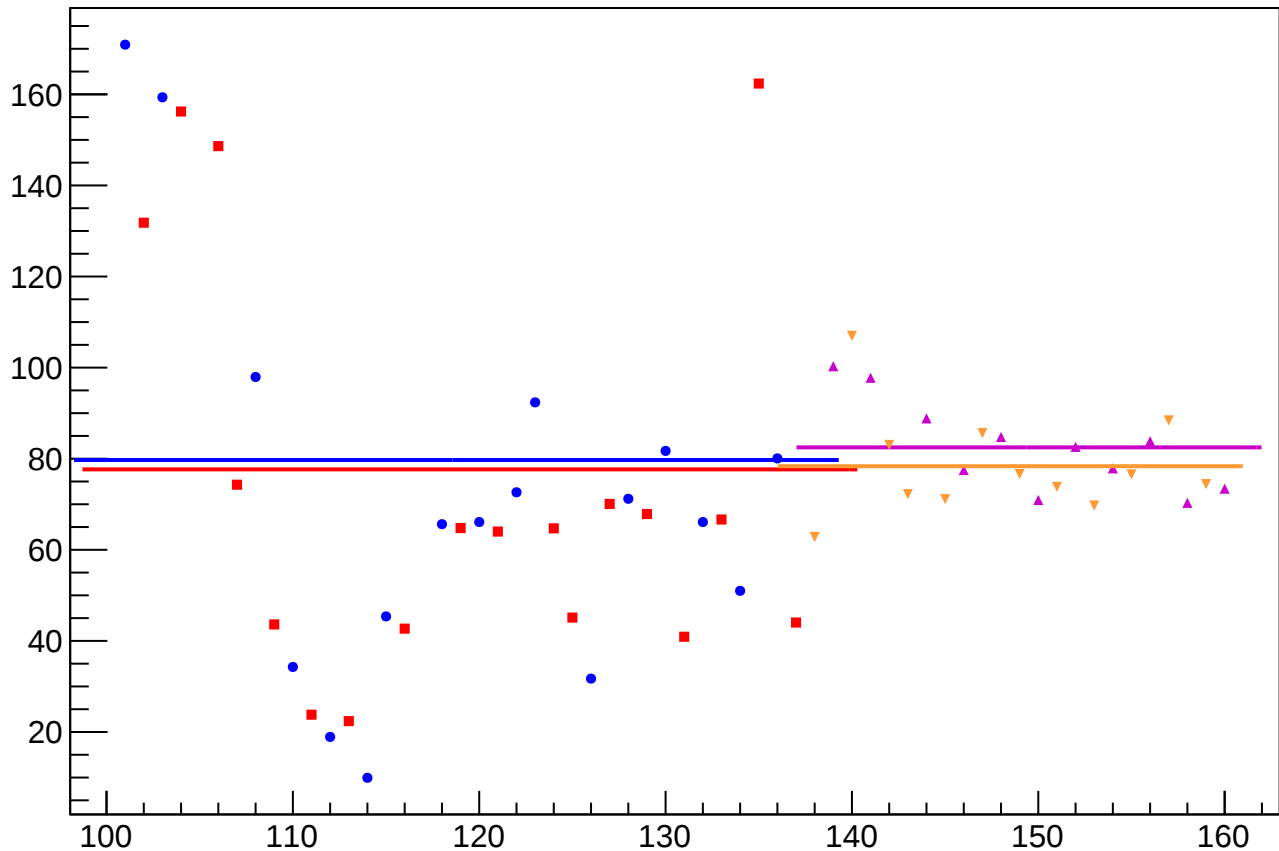
Right In: 1086.695 +/- 0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 +/- 0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 +/- 0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 +/- 0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10
 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

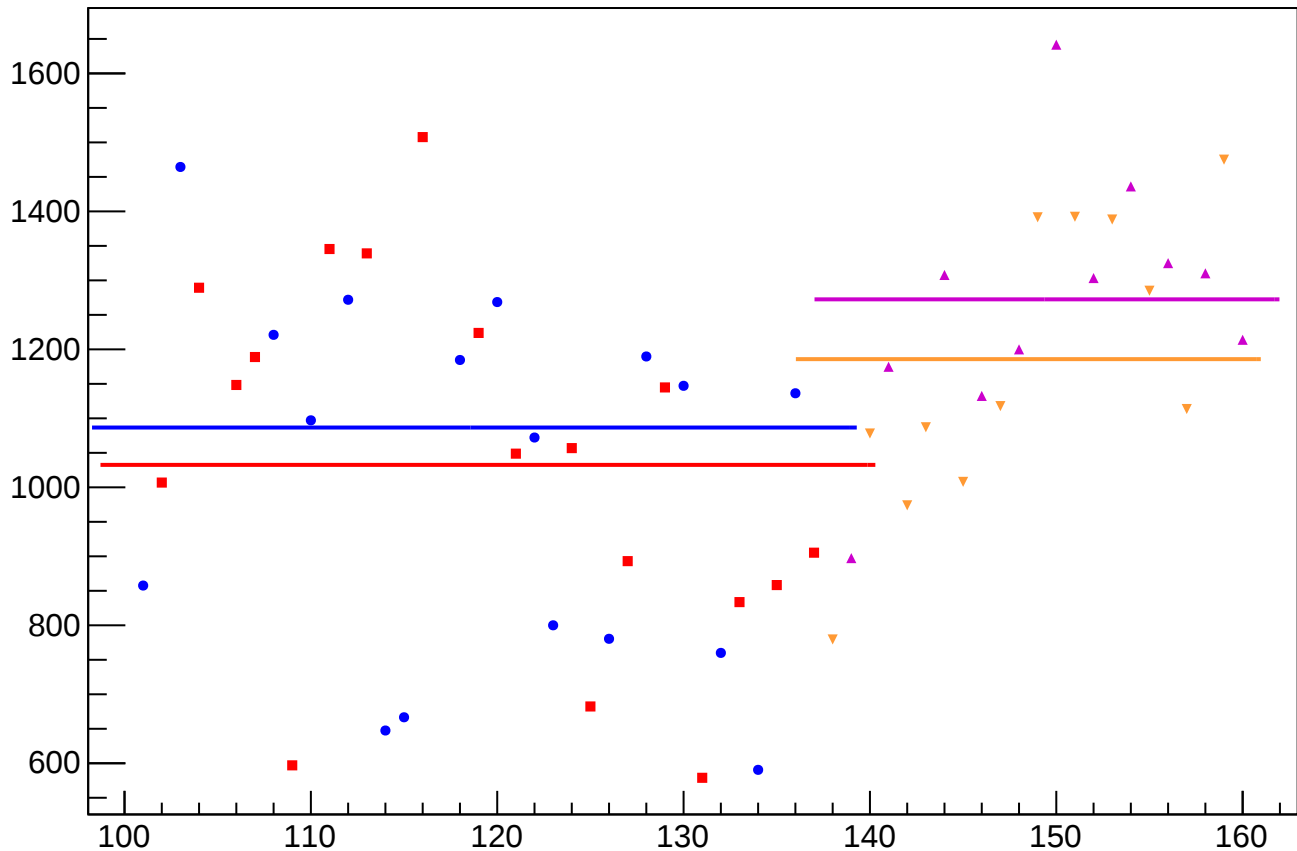
All: 79.681 $\pm$ 0.000 χ^2 /NDF: 3045128611296

Right Out: 77.658 $\pm$ 0.000 χ^2 /NDF: 1483793243606577649503828870787235840.0/17

- sign 80.396 $\pm$ 0.000 χ^2 /NDF: 1577908853053275

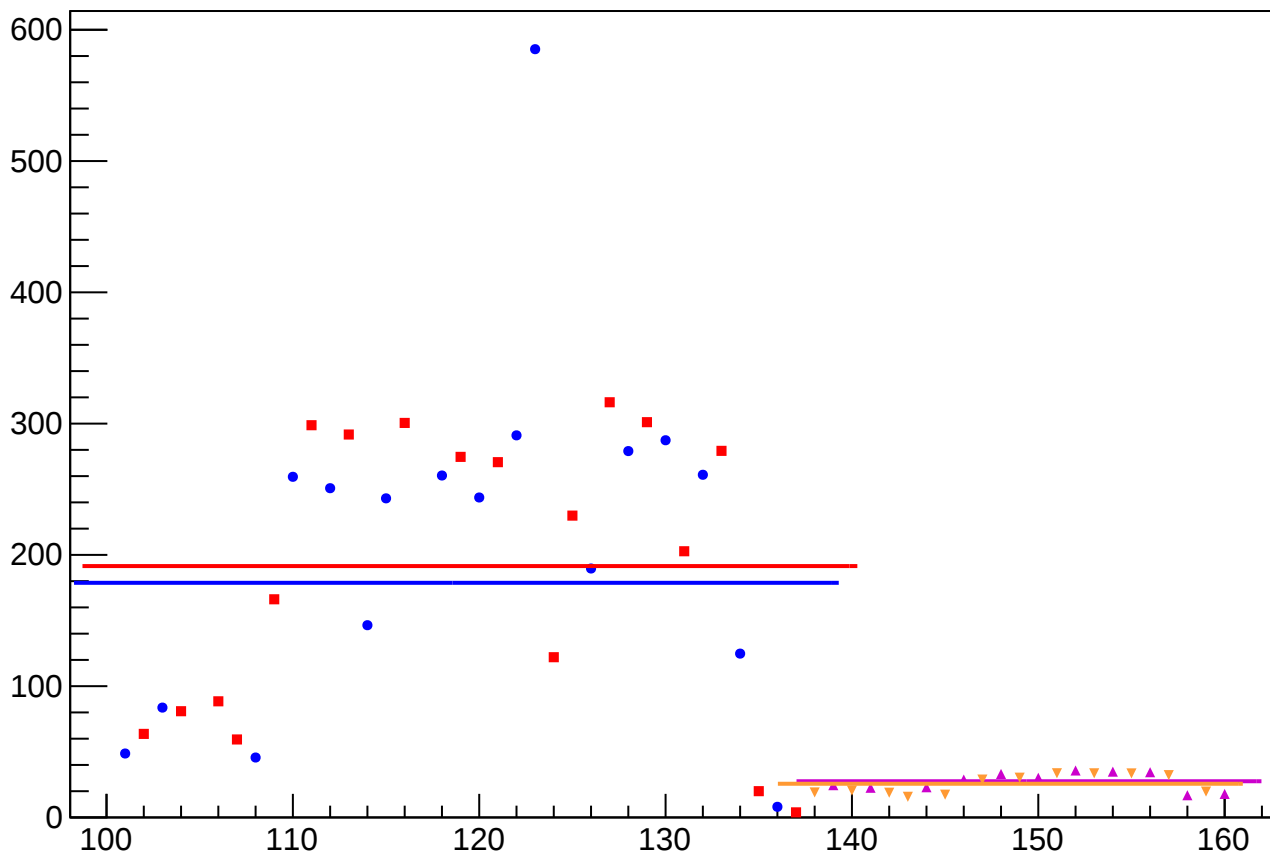
Left In: 82.494 $\pm$ 0.000 χ^2 /NDF: 84649934677405665053102578448990208.0/10

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

dit_4aX_coil7_mean vs Slug



Right In: 178.734+/-0.000 χ^2/NDF : 8494804765562228204327834177712947200.0/16

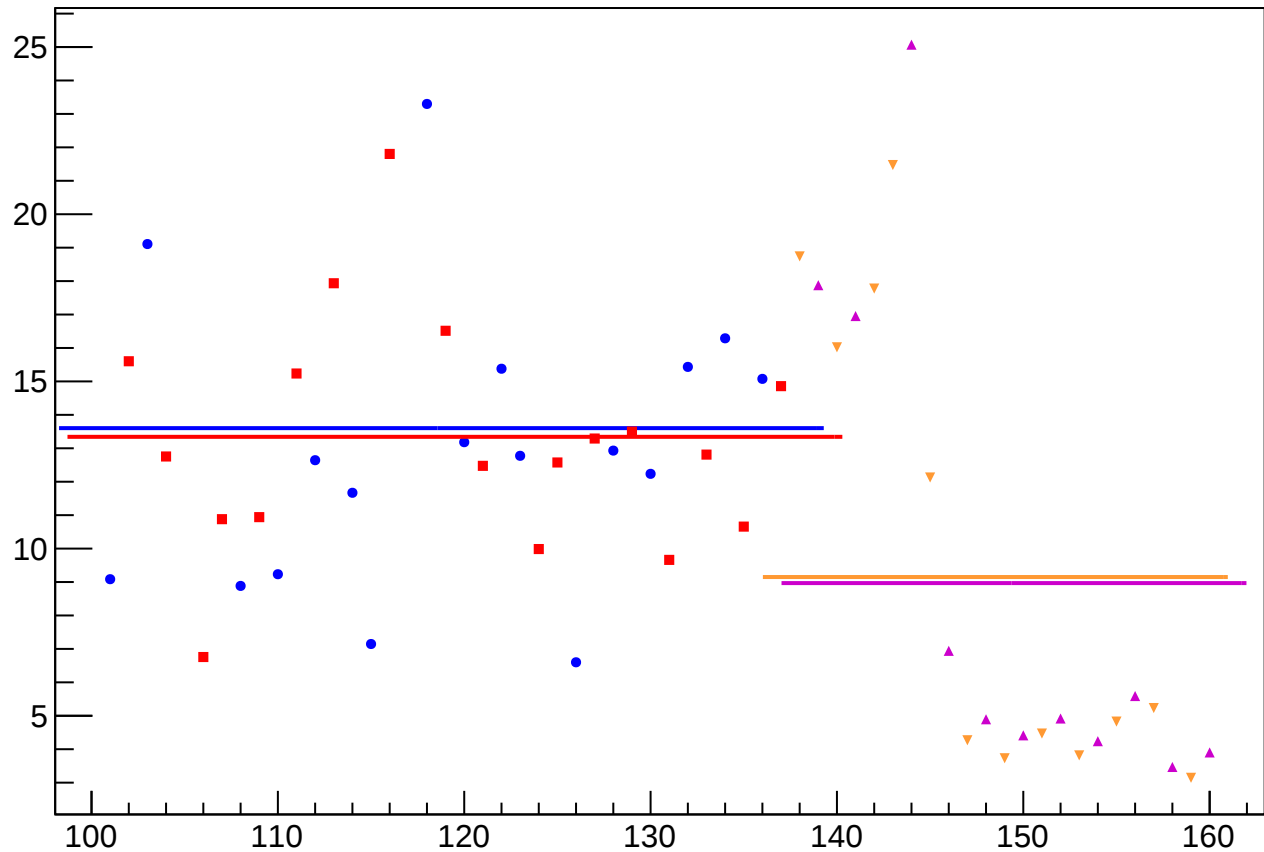
Left Out: 25.670+/-0.000 χ^2/NDF : 43615942339742127541727339141398528.0/11

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

+ sign 11.077+/-0.000 χ^2/NDF : 5981694603279073

Left Out: 9.150+/-0.000 χ^2/NDF : 39277872742254074386096302311079936.0/11

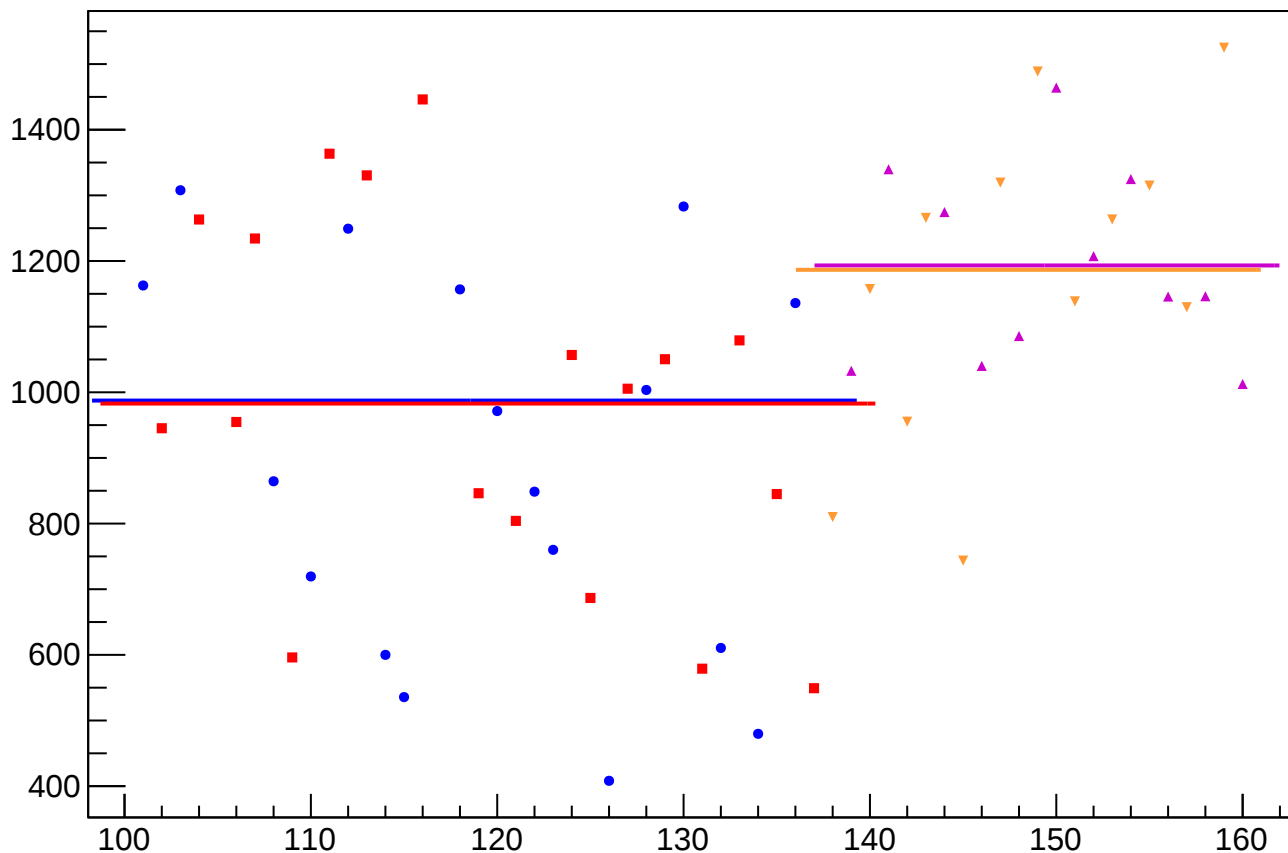
All: 10.970+/-0.000 χ^2/NDF : 1218652166671

Right Out: 13.343+/-0.000 χ^2/NDF : 6808158047357444632184742387646464.0/17

- sign 10.866+/-0.000 χ^2/NDF : 6201198116862585

Left In: 8.968+/-0.000 χ^2/NDF : 47457578467091168331445311669010432.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

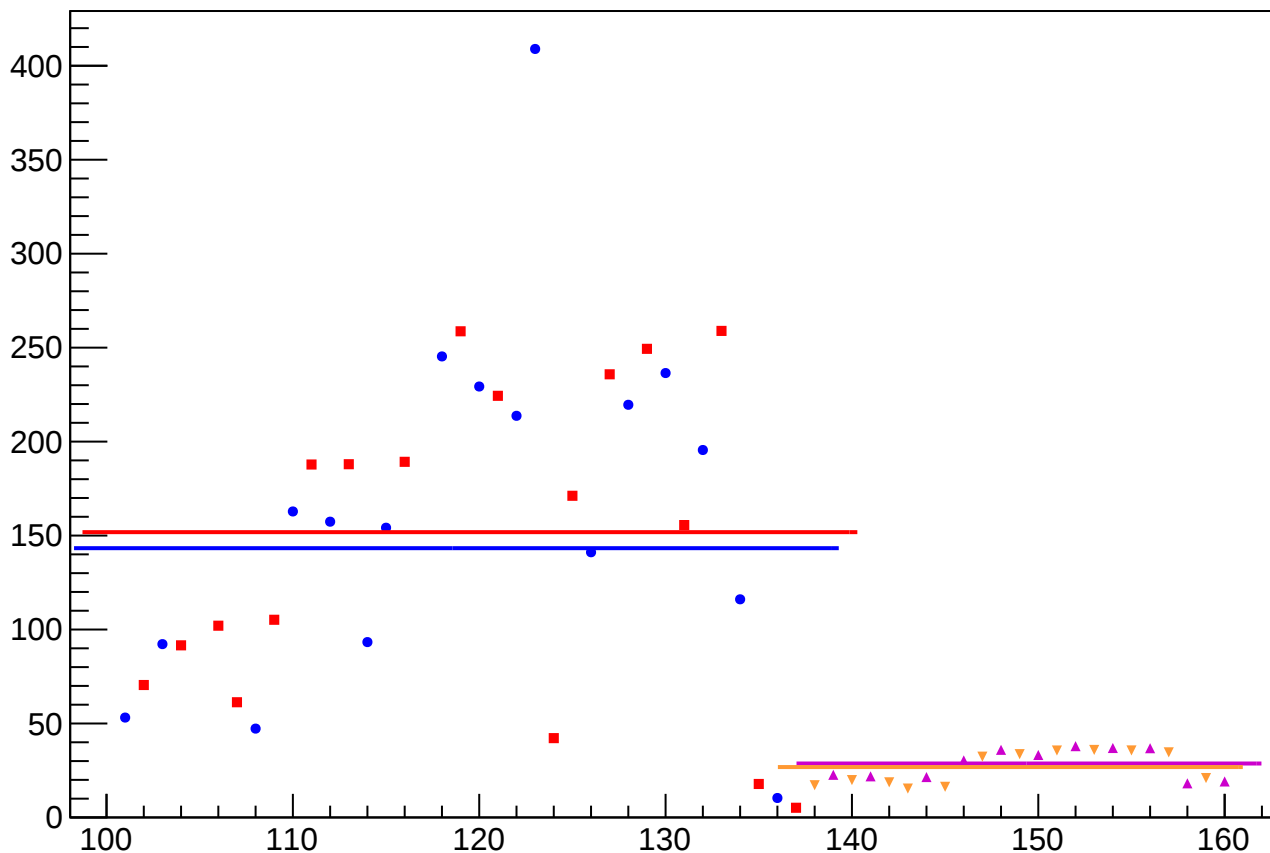
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_4eX_coil7_mean vs Slug



Right In: 143.291+/-0.000 χ^2/NDF : 4778890435983165530583685149403119616.0/16

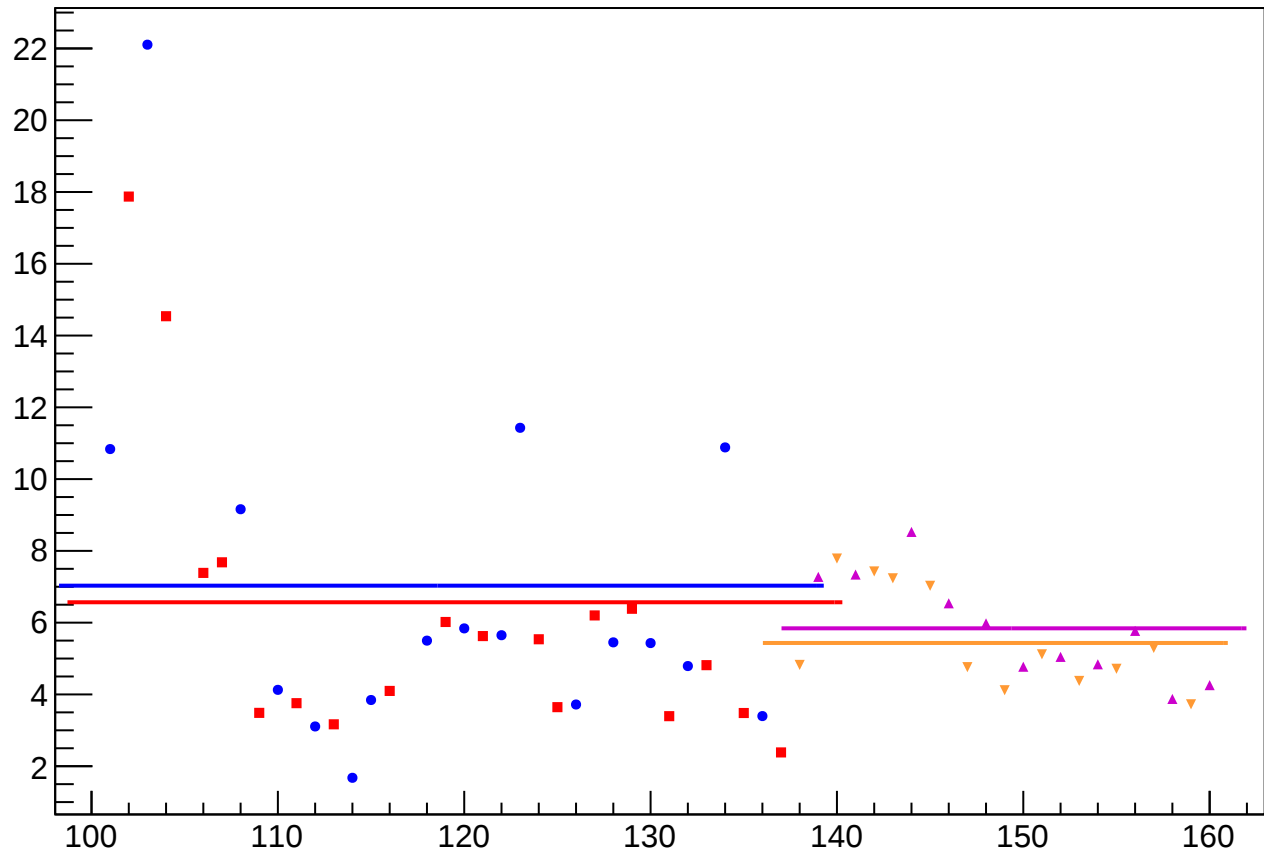
Left Out: 26.816+/-0.000 χ^2/NDF : 64568009381250036040665945578930176.0/11

Right Out: 151.819+/-0.000 χ^2/NDF : 4652479354515348530637943017457057792.0/17

Left In: 28.706+/-0.000 χ^2/NDF : 53446645713086882216161894618628096.0/10

All: 79.715+/-0.000 χ^2/NDF : 2104303776530

dit_4eX_coil7_err_mean vs Slug



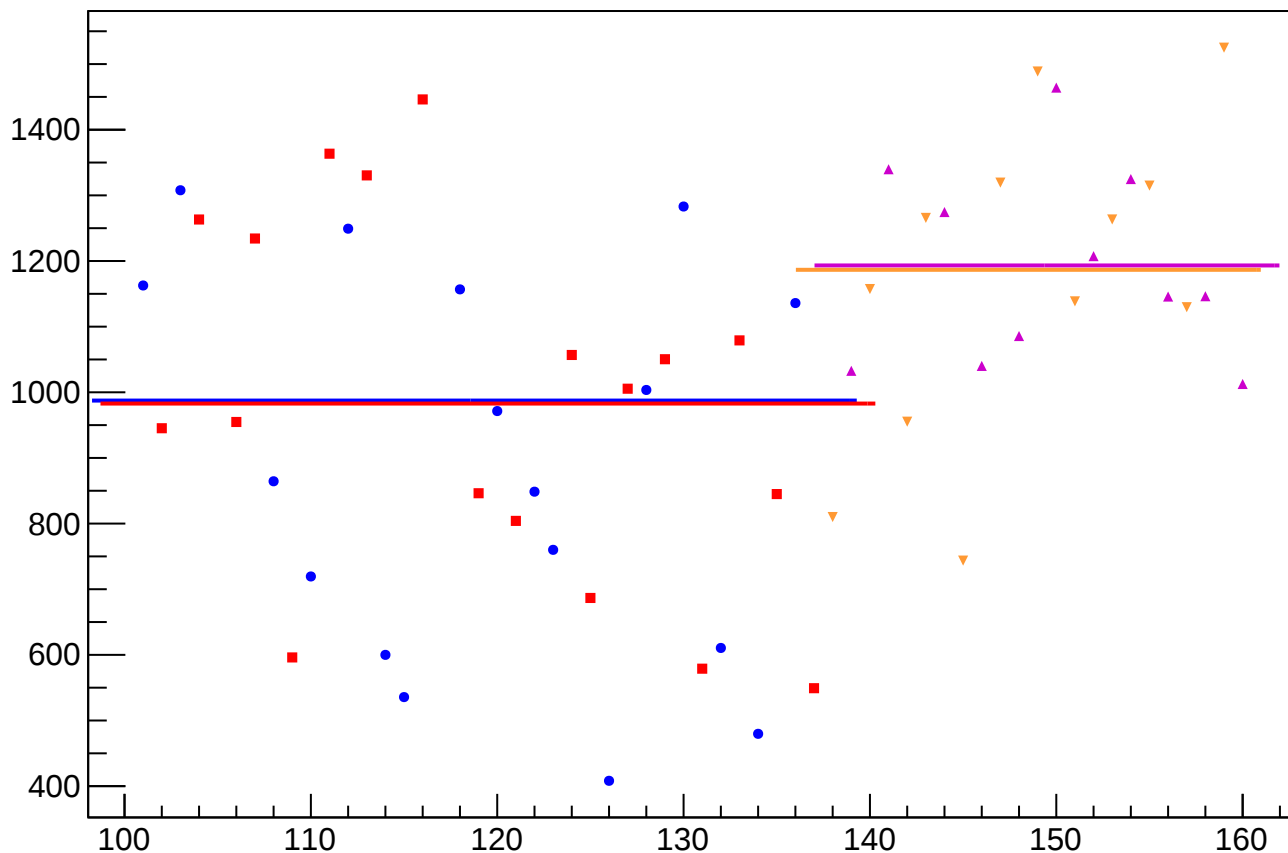
Right In: 7.031+/-0.000 χ^2/NDF : 18686972393169306014765519518826496.0/16

Left Out: 5.434+/-0.000 χ^2/NDF : 1641961615493557983490036107051008.0/11

Right Out: 6.568+/-0.000 χ^2/NDF : 13908005278630821419370553666437120.0/17

Left In: 5.842+/-0.000 χ^2/NDF : 1812226966420315112479835300036608.0/10

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

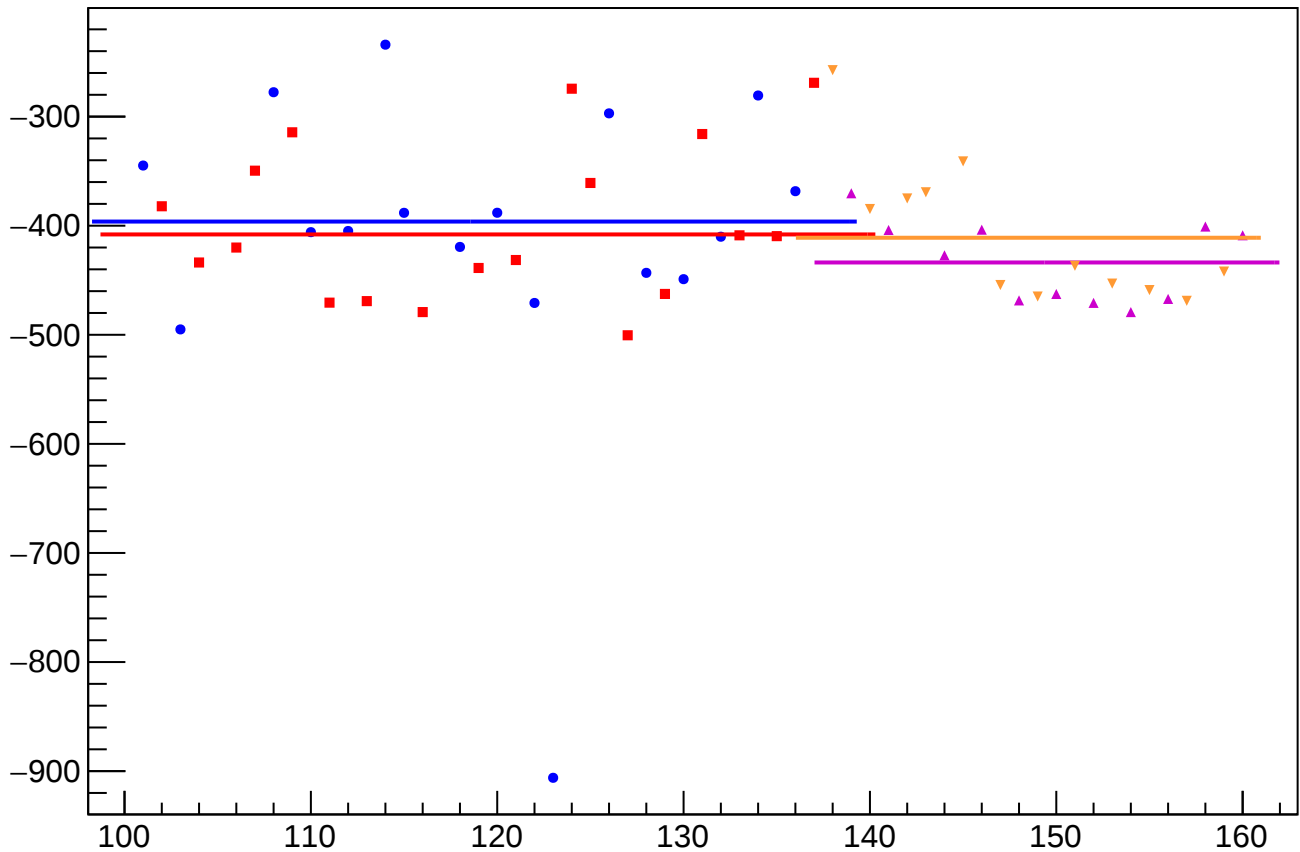
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_11X12X_coil7_mean vs Slug



Right In: -396.205+/-0.000 χ^2/NDF : 3915339787327324310697642459645607936.0/16

Left Out: -411.042+/-0.000 χ^2/NDF : 3555989077784945680272383641089212416.0/11

Right Out: -408.004+/-0.000 χ^2/NDF : 2700413725595197389596215208912617472.0/17

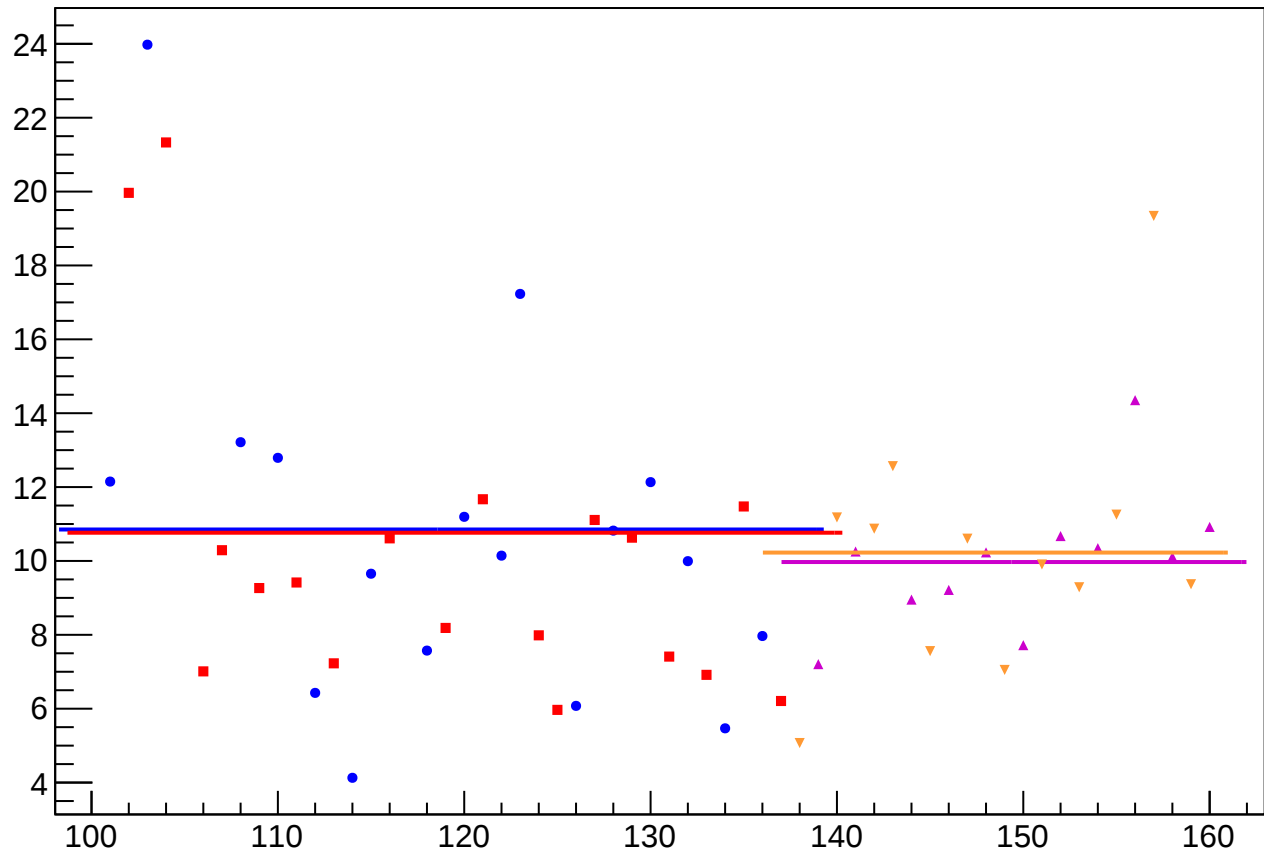
Left In: -433.711+/-0.000 χ^2/NDF : 1189526132627930234621779098826964992.0/10

+ sign -404.619+/-0.000 χ^2/NDF : 75579682652677

All: -413.713+/-0.000 χ^2/NDF : 11976916890

- sign -422.558+/-0.000 χ^2/NDF : 415744047977943

dit_11X12X_coil7_err_mean vs Slug



Right In: 10.851+/-0.000 χ^2/NDF : 15284459899452545966128799384862720.0/16

Left Out: 10.227+/-0.000 χ^2/NDF : 10321587584551104331954948537319424.0/11

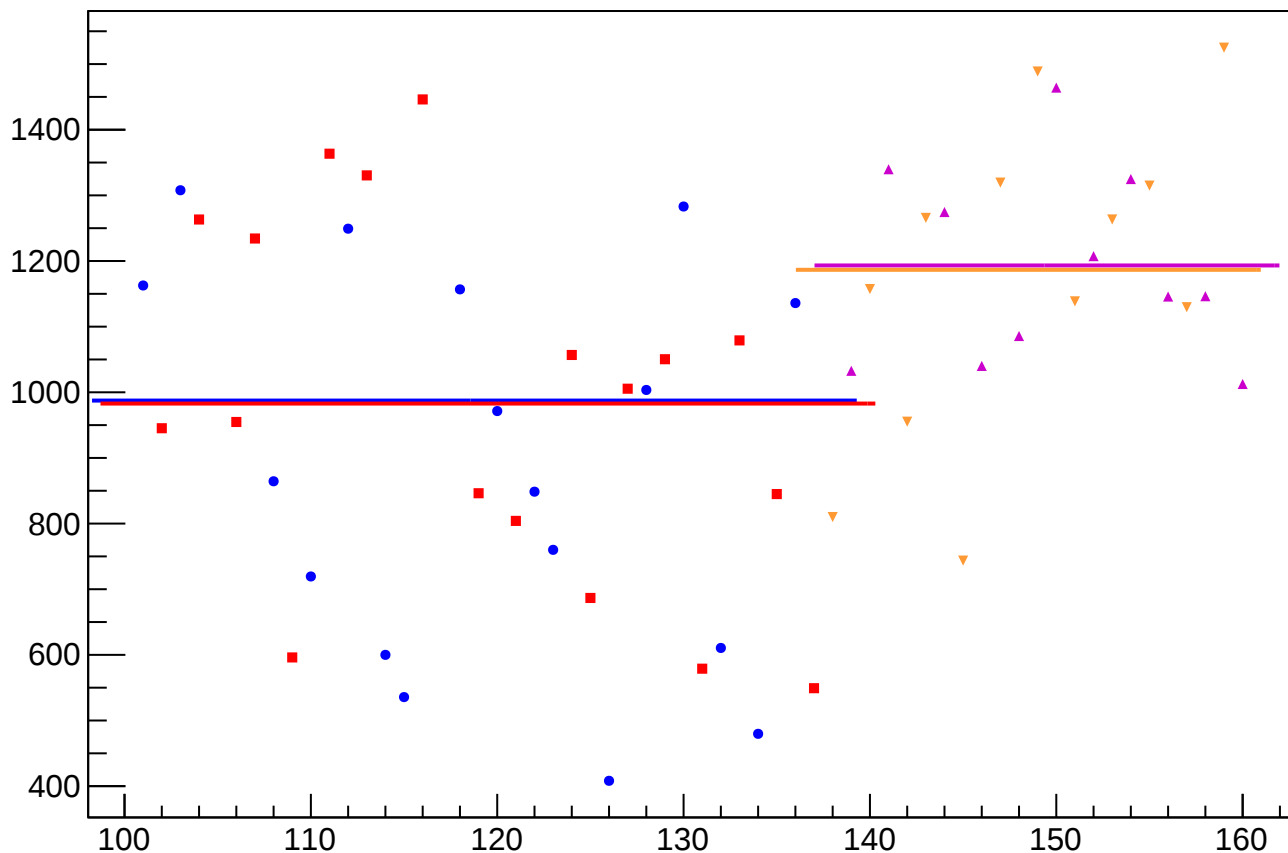
Right Out: 10.764+/-0.000 χ^2/NDF : 14575858748491423837639288498946048.0/17

Left In: 9.971+/-0.000 χ^2/NDF : 2900670082842124382118820523802624.0/10

All: 10.405+/-0.000 χ^2/NDF : 4351812926390

- sign 10.315+/-0.000 χ^2/NDF : 1773149218135601

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

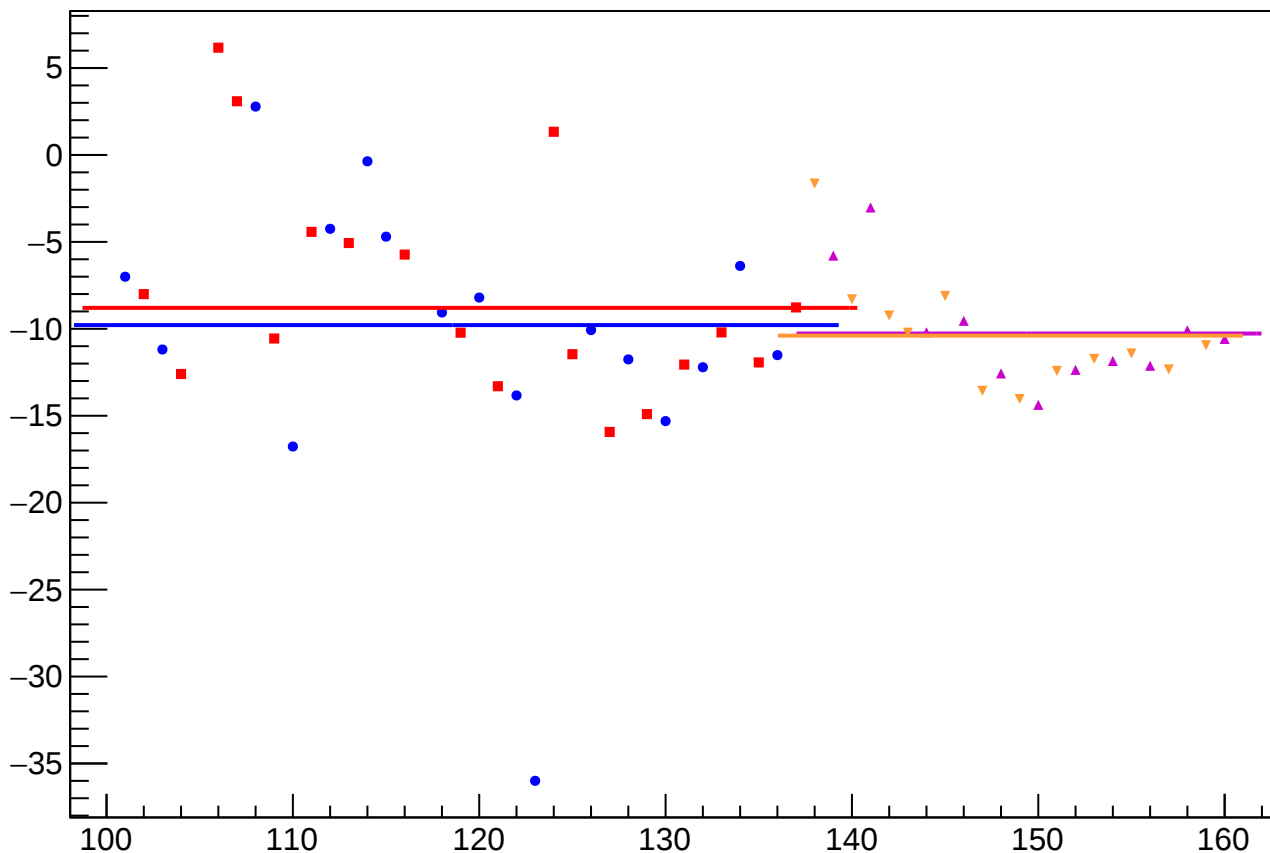
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ 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_4aY_coil7_mean vs Slug



Right In: -9.786+/-0.000 χ^2/NDF : 17296683010620060540445571791454208.0/16

Left Out: -10.390+/-0.000 χ^2/NDF : 9553348608714345843286370808758272.0/11

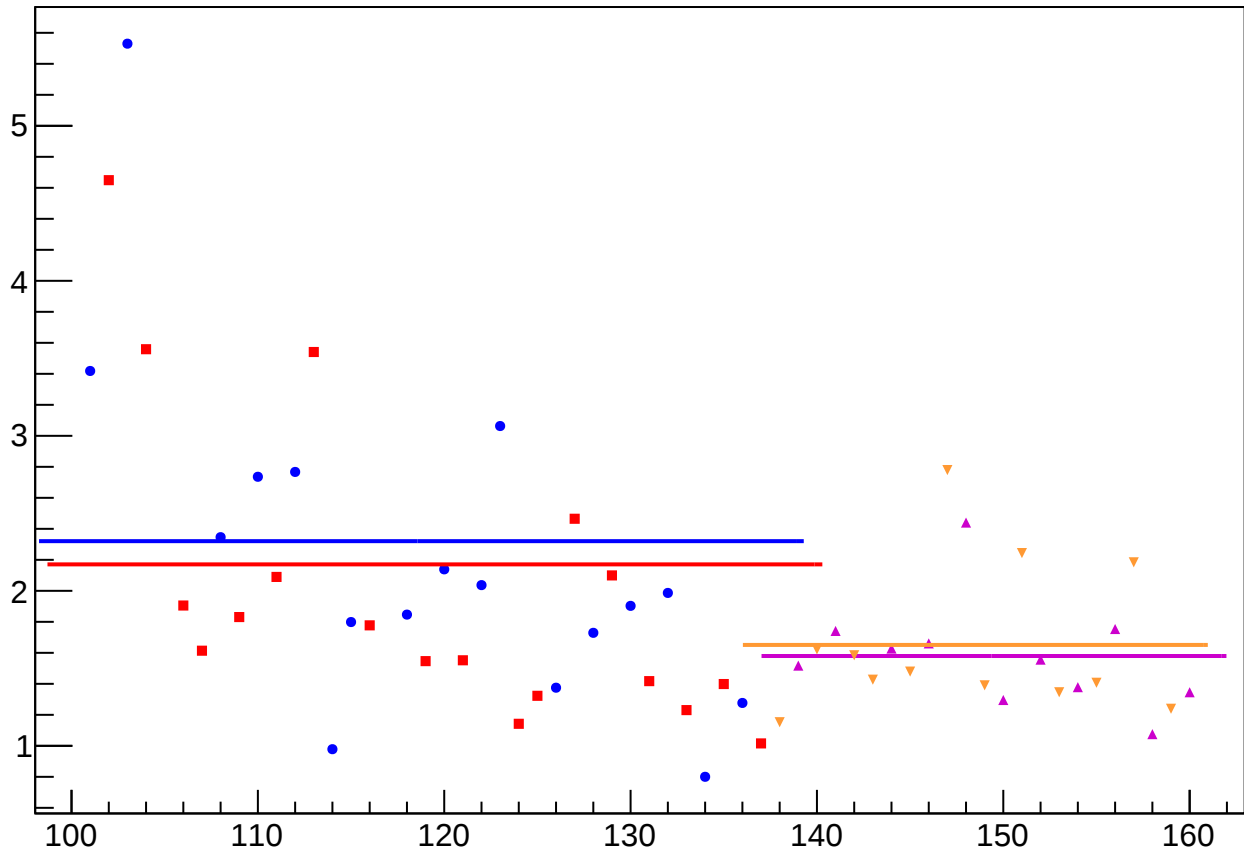
Right Out: -8.794+/-0.000 χ^2/NDF : 21979472889395409230974985175040000.0/17

Left In: -10.271+/-0.000 χ^2/NDF : 9001548873812579955640597255028736.0/10

All: -9.876+/-0.000 χ^2/NDF : 5905971963543

- sign -9.630+/-0.000 χ^2/NDF : 31863923080018953

dit_4aY_coil7_err_mean vs Slug



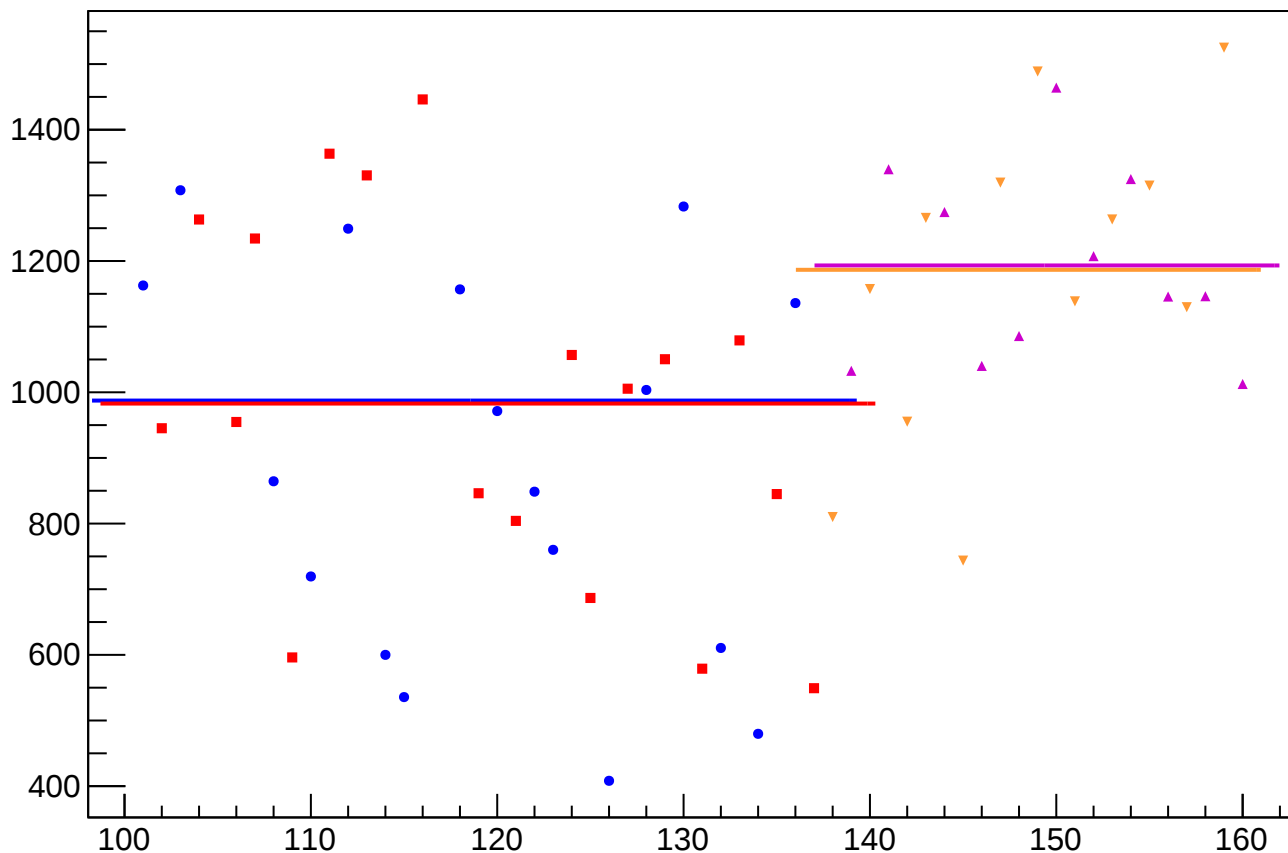
Right In: 2.320 $\pm$ 0.000 χ^2 /NDF: 951785069007432203128626661556224.0/16

Left Out: 1.651 $\pm$ 0.000 χ^2 /NDF: 204626857159139136985355773804544.0/11

Right Out: 2.171 $\pm$ 0.000 χ^2 /NDF: 756432905902484239494035607126016.0/17

Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104047648288543214499863879221248.0/10

dit_4aY_coil7_Ndata_mean vs Slug



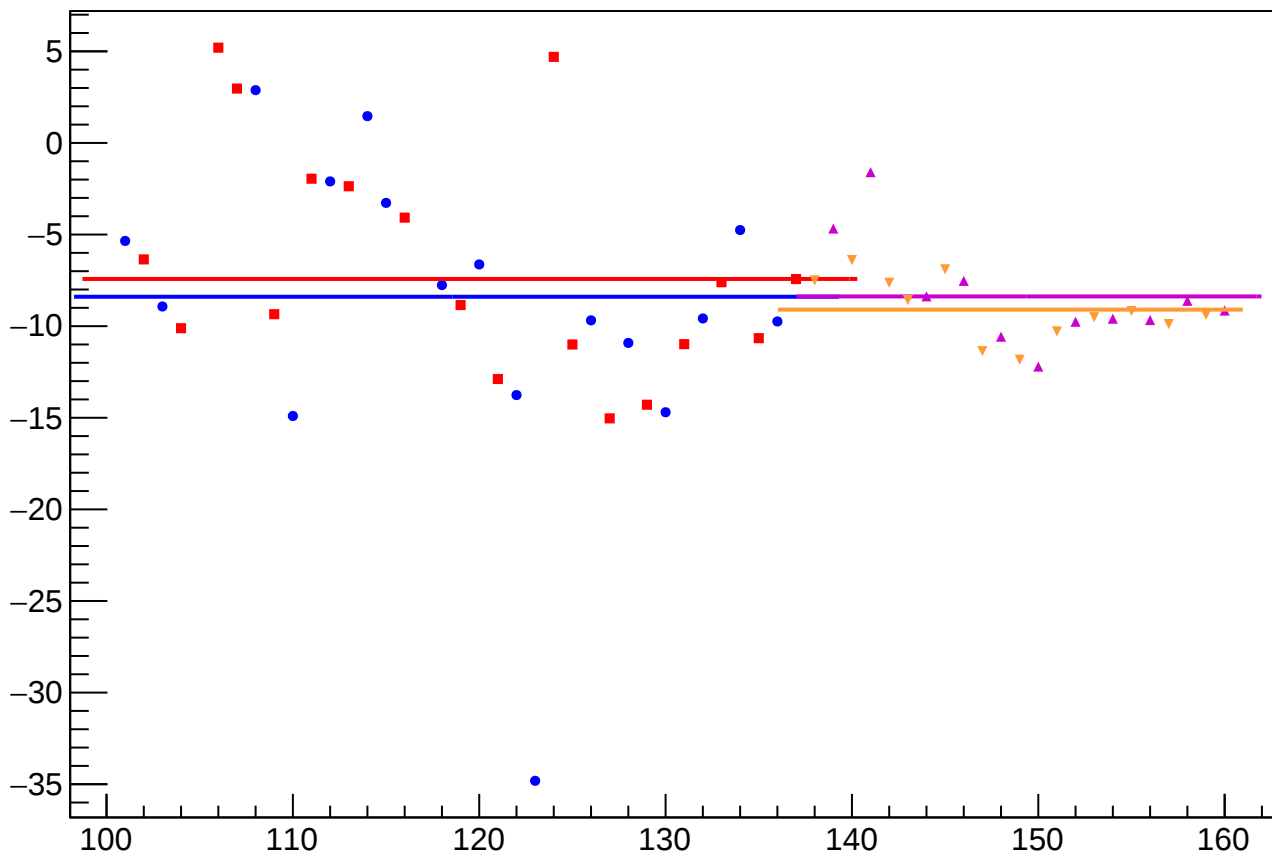
Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

dit_4eY_coil7_mean vs Slug



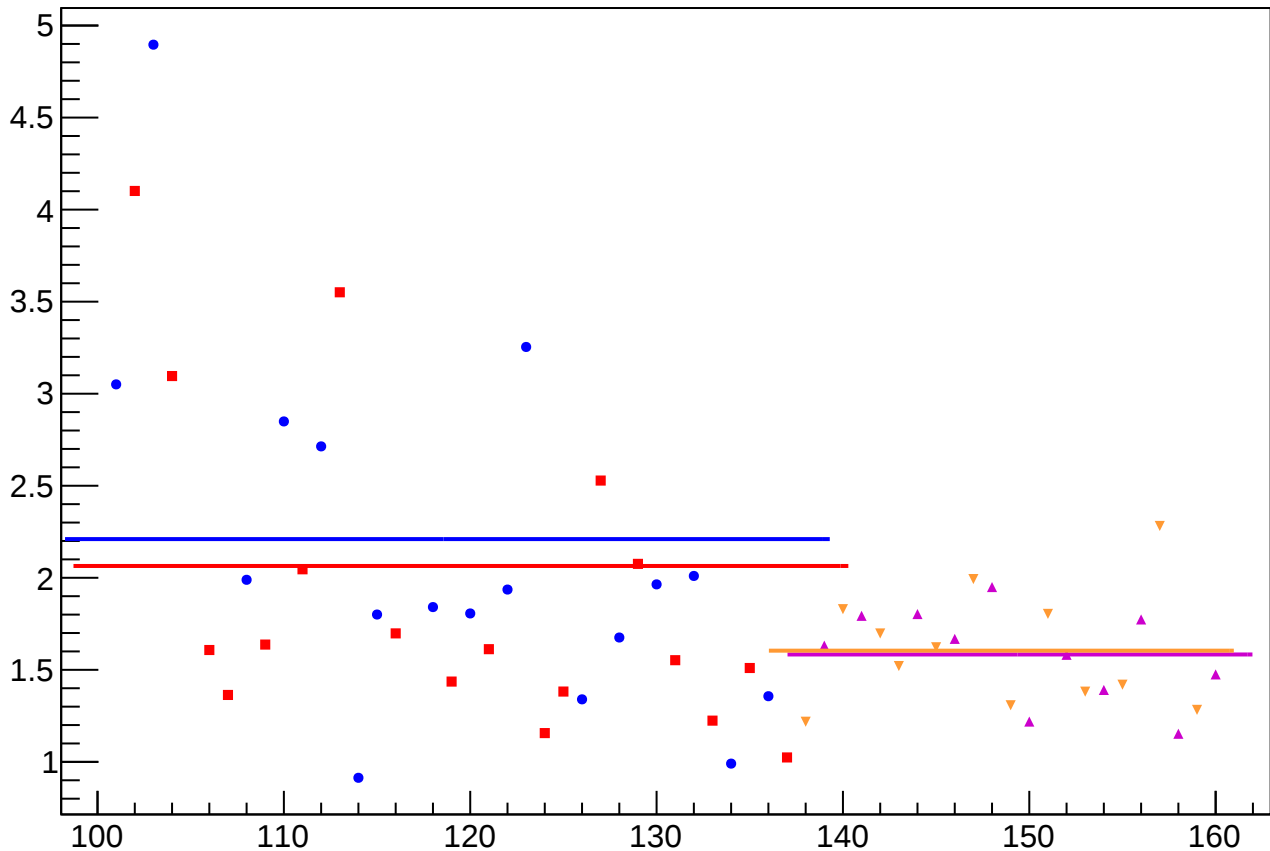
Right In: -8.394+/-0.000 χ^2/NDF : 17454293749905596935063382469378048.0/16

Left Out: -9.098+/-0.000 χ^2/NDF : 2495166400033821389722475105878016.0/11

Right Out: -7.423+/-0.000 χ^2/NDF : 21448737498509381182656193641840640.0/17

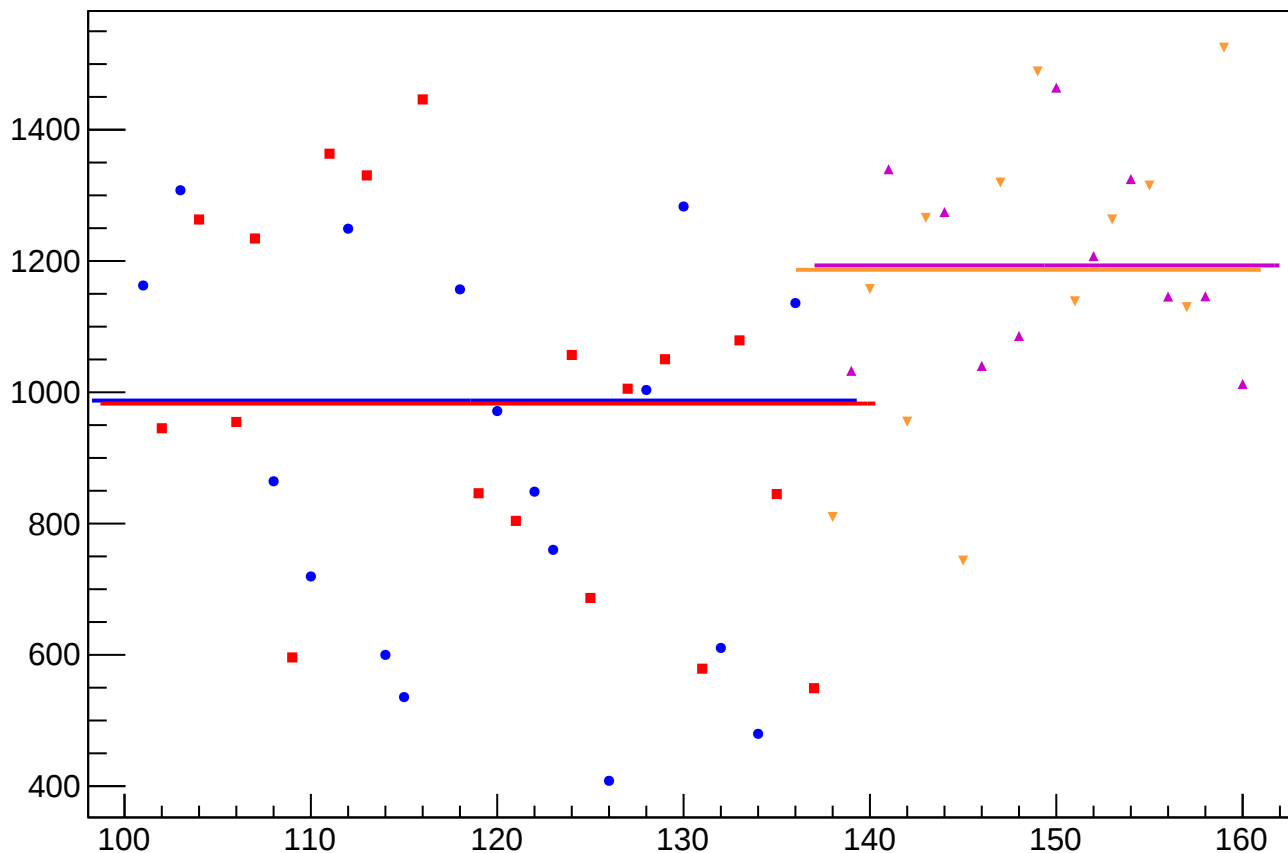
Left In: -8.377+/-0.000 χ^2/NDF : 7305049621104210689876244459159552.0/10

dit_4eY_coil7_err_mean vs Slug



Right In: 2.210 $\pm$ 0.000 χ^2 /NDF: 685219894303103753186103173054464.0/16
 Left Out: 1.604 $\pm$ 0.000 χ^2 /NDF: 88134442876960203086974867734528.0/11
 Right Out: 2.064 $\pm$ 0.000 χ^2 /NDF: 574315722841914805756407412948992.0/17
 Left In: 1.583 $\pm$ 0.000 χ^2 /NDF: 54376045146817744012212281802752.0/10
 + sign 1.867 $\pm$ 0.000 χ^2 /NDF: 91790498723522989
 All: 1.829 $\pm$ 0.000 χ^2 /NDF: 16446751324639
 - sign 1.792 $\pm$ 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

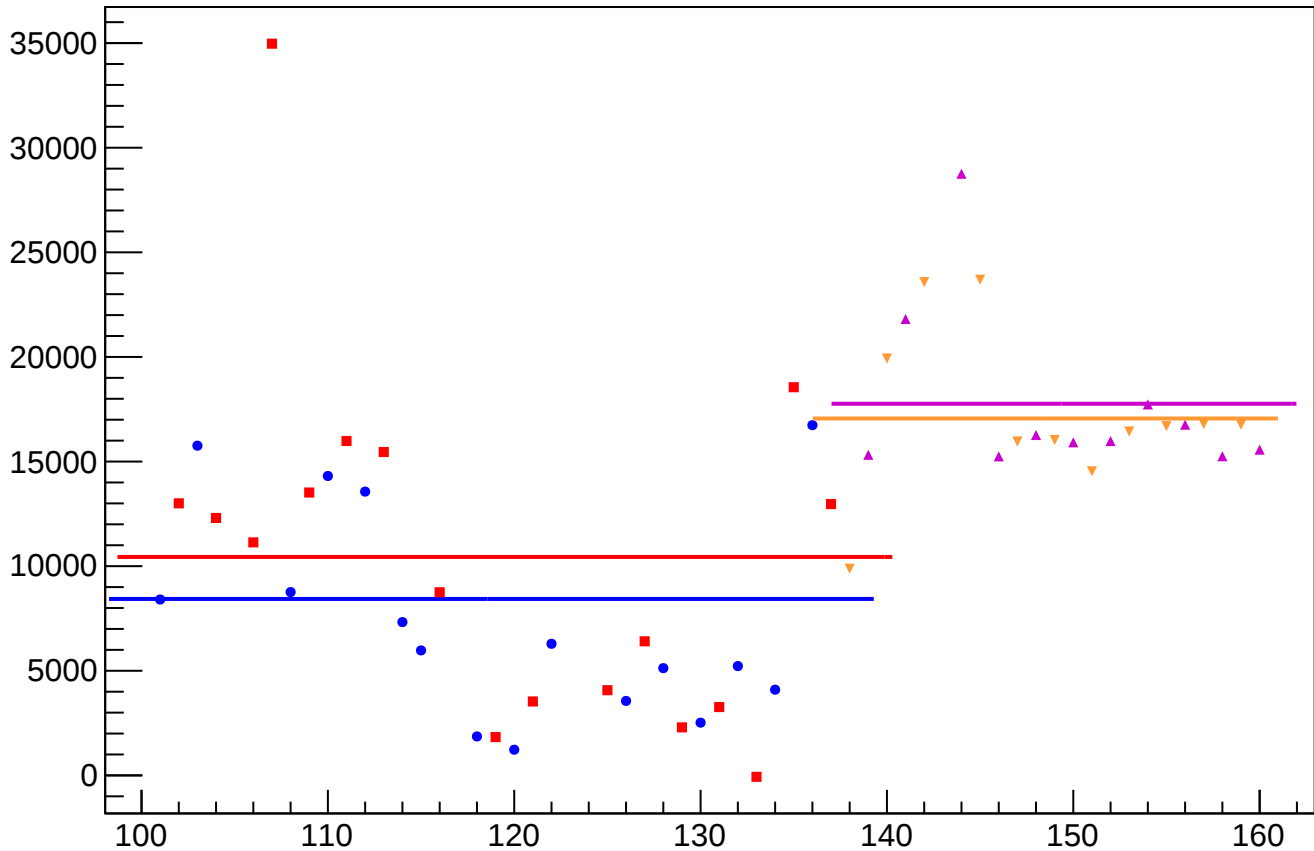
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

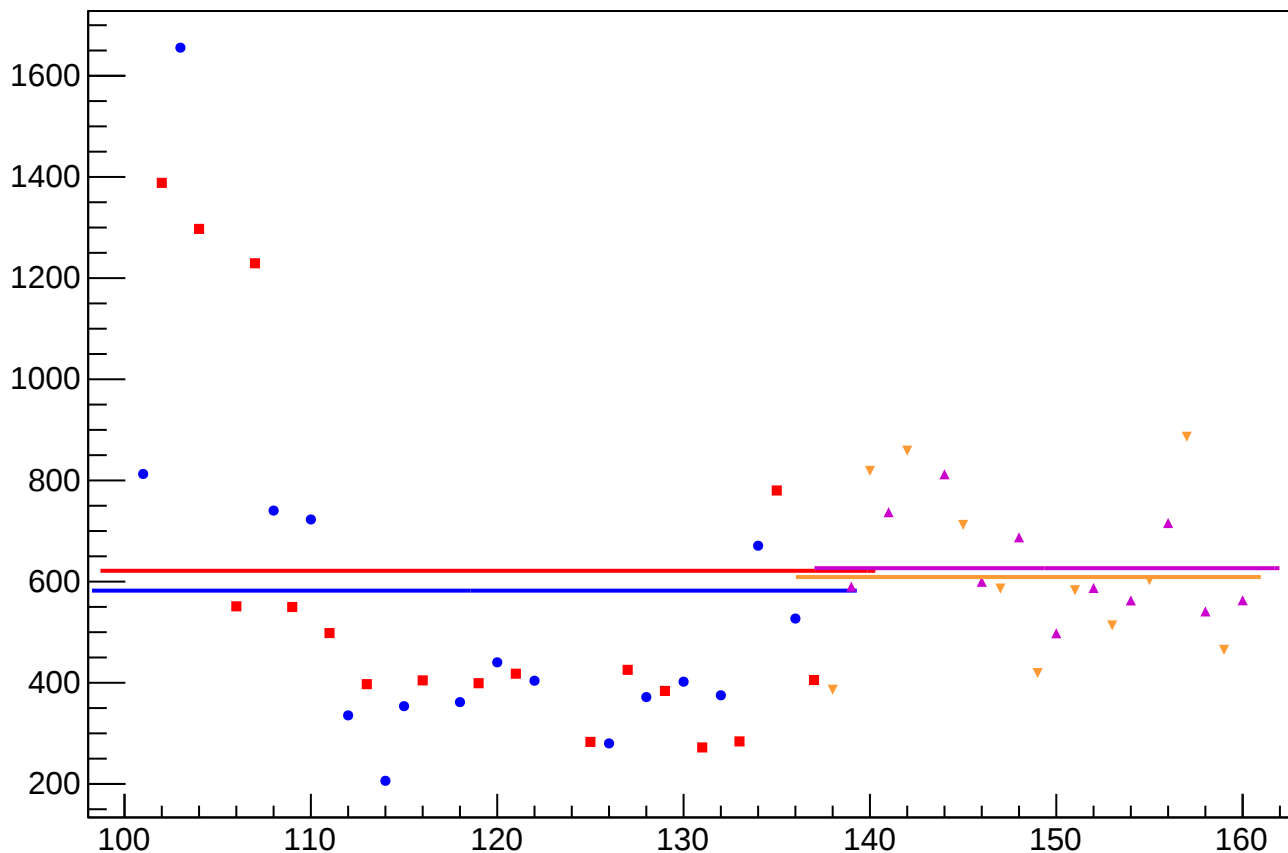
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_usl_coil7_mean vs Slug



Right In: 8433.891+/-0.000	χ^2/NDF : 20327422028204985369763408215621299601408.0/15	+ sign 13173.923+/-0.000	χ^2/NDF : 5934613268069
Left Out: 17058.273+/-0.000	χ^2/NDF : 10811611646396396135044758761220754898944.0/10	All: 13921.162+/-0.000	χ^2/NDF : 1432548956
Right Out: 10440.704+/-0.000	χ^2/NDF : 45868144044016746065453678570140629729280.0/16	- sign 14621.755+/-0.000	χ^2/NDF : 8225132930313
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

+ sign 596.954+/-0.000 χ^2/NDF : 115361869715928

Left Out: 609.049+/-0.000 χ^2/NDF : 22435846570397404635858963221446656000.0/10

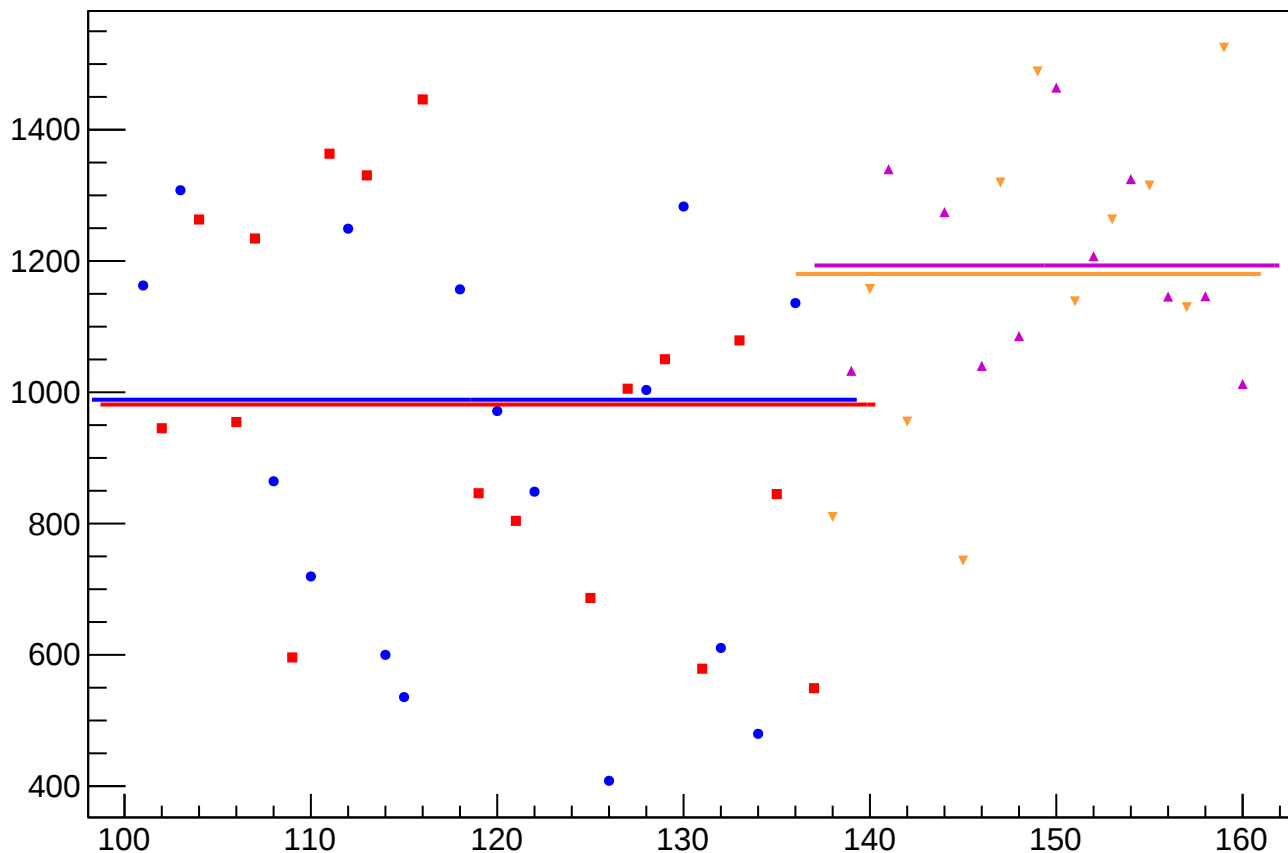
All: 611.107+/-0.000 χ^2/NDF : 223165991118

Right Out: 621.413+/-0.000 χ^2/NDF : 99044900314697449740386824149731901440.0/16

- sign 624.377+/-0.000 χ^2/NDF : 107209513774855

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

+ sign 1094.008+/-0.000 χ^2/NDF : 11559555857982

Left Out: 1180.302+/-0.000 χ^2/NDF : 49311054965426356670958856612989632512.0/10

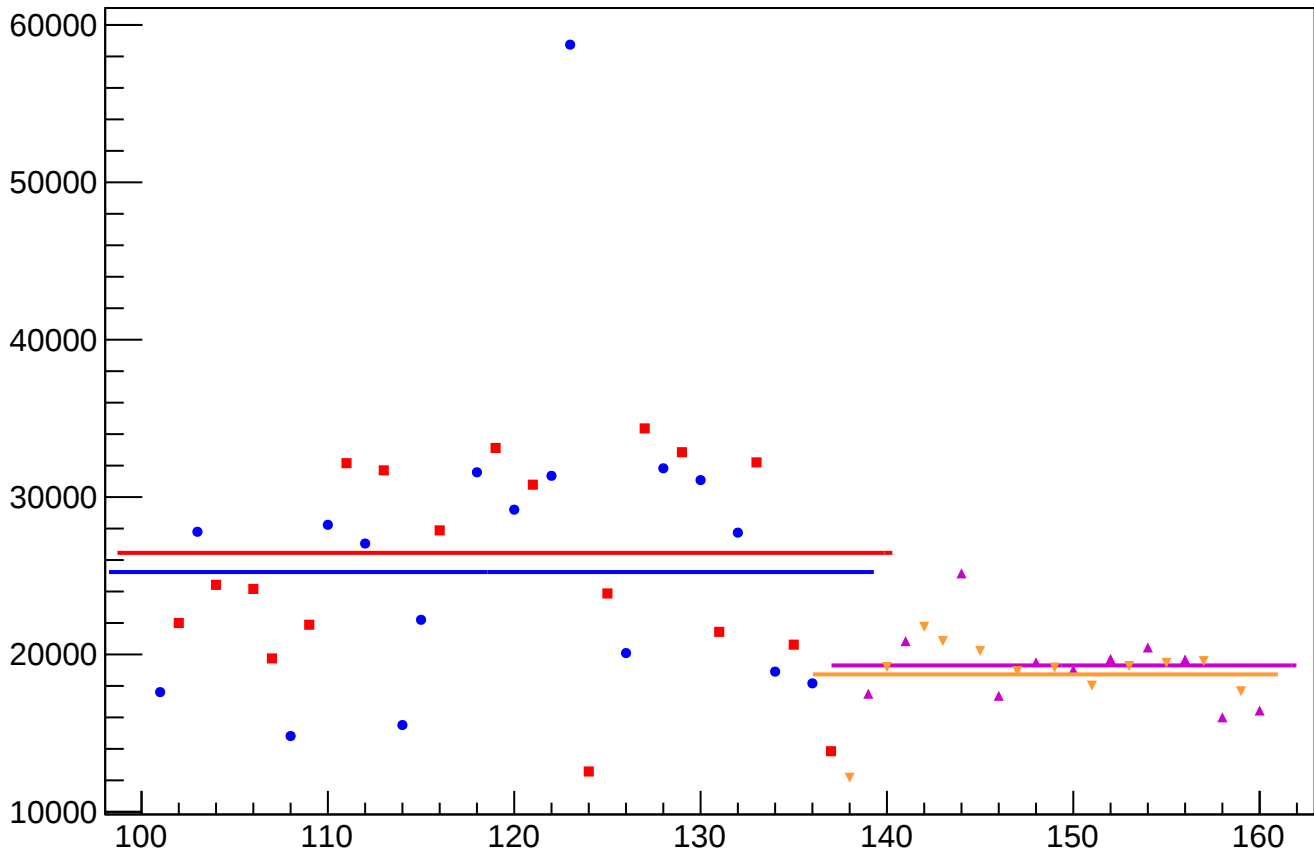
All: 1098.305+/-0.000 χ^2/NDF : 20036689043

Right Out: 981.352+/-0.000 χ^2/NDF : 48028000110939353209143459445919973376.0/16

- sign 1102.333+/-0.000 χ^2/NDF : 84716540764657

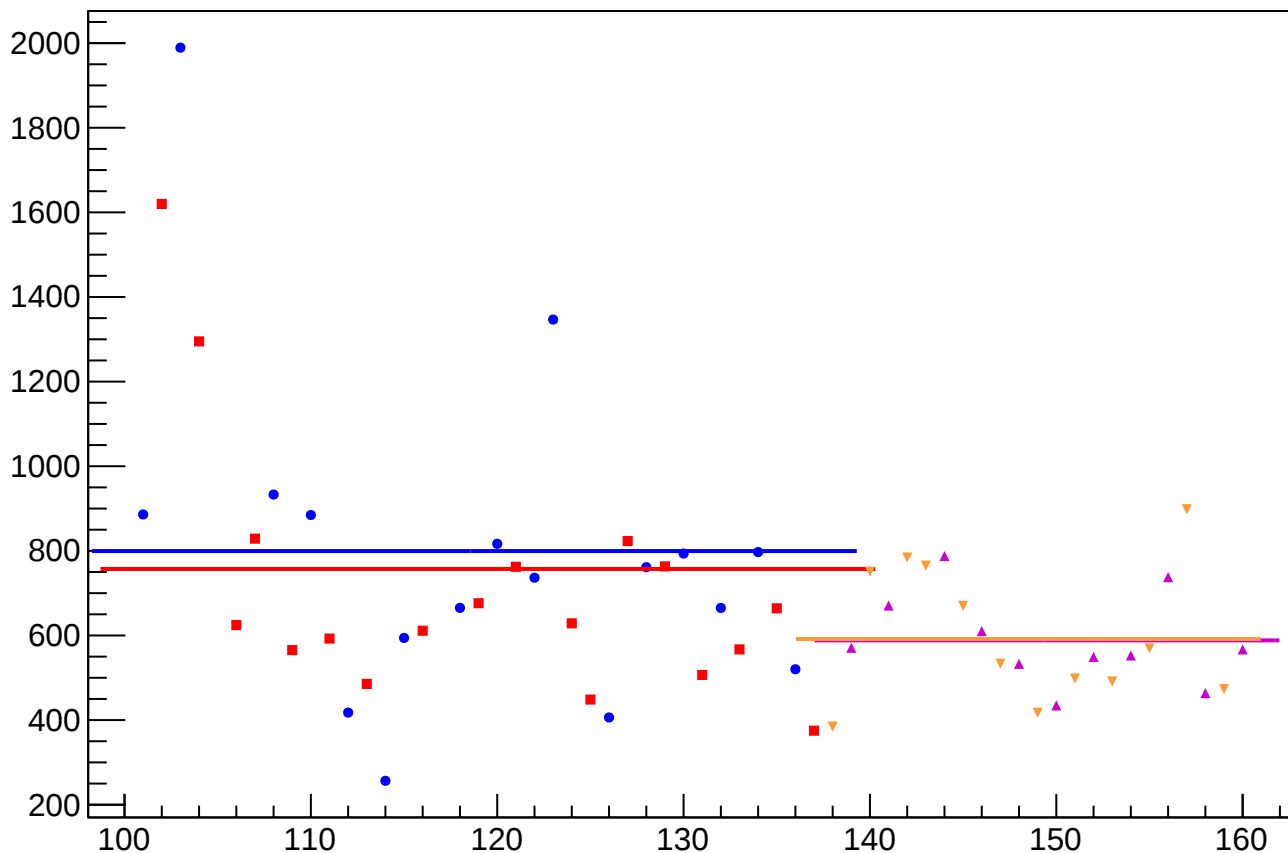
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

dit_usr_coil7_mean vs Slug



Right In: 25236.317+/-0.000	χ^2/NDF : 29071522213059582283269412071648973029376.0/16
Left Out: 18733.088+/-0.000	χ^2/NDF : 4548859708795276009115062862764547506176.0/11
Right Out: 26455.988+/-0.000	χ^2/NDF : 24365500126615965846523683173160051539968.0/17
Left In: 19304.267+/-0.000	χ^2/NDF : 5534312846763223984199919197299769606144.0/10
	+ sign 21548.584+/-0.000 χ^2/NDF : 5026400771865
	All: 21983.788+/-0.000 χ^2/NDF : 1014666281
	- 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

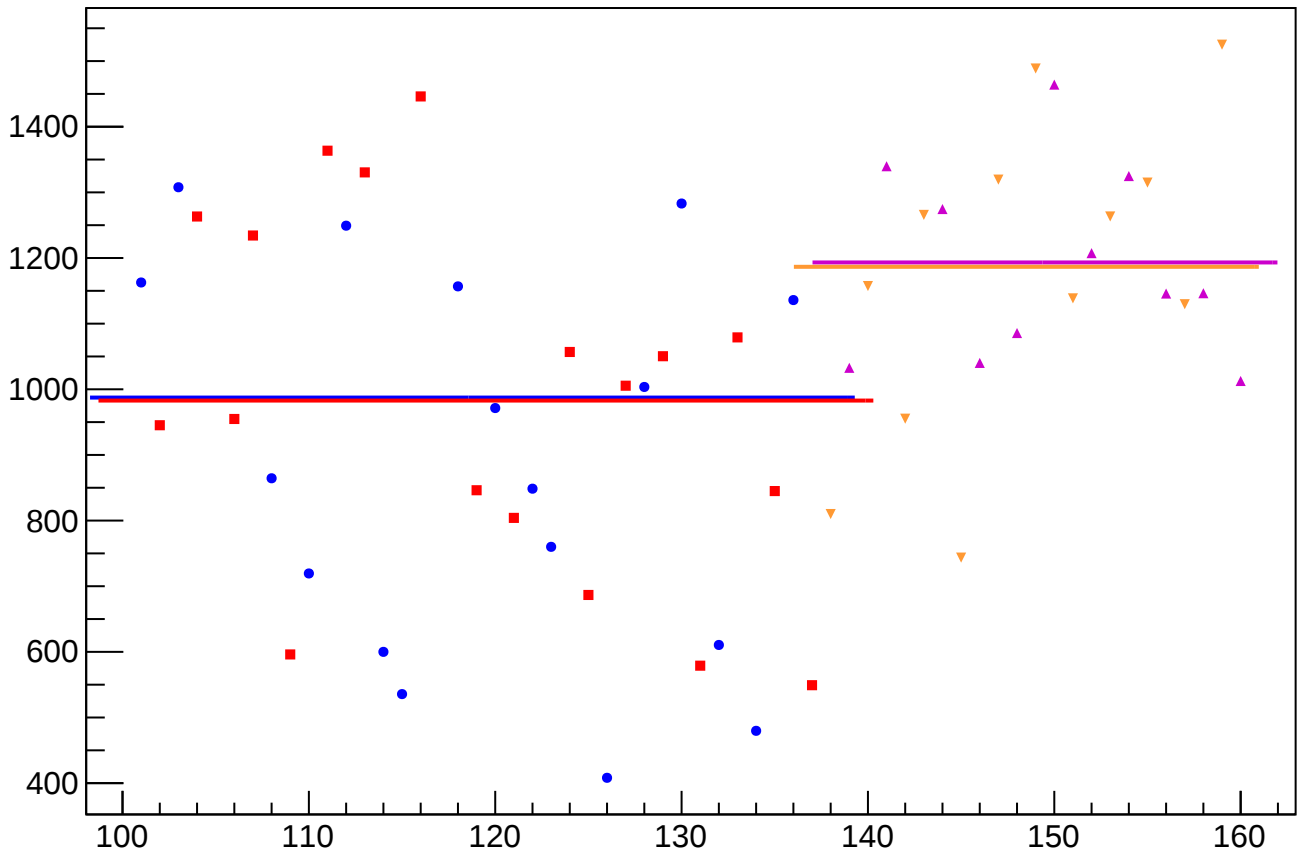
All: 671.500+/-0.000 χ^2/NDF : 25020556793

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

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

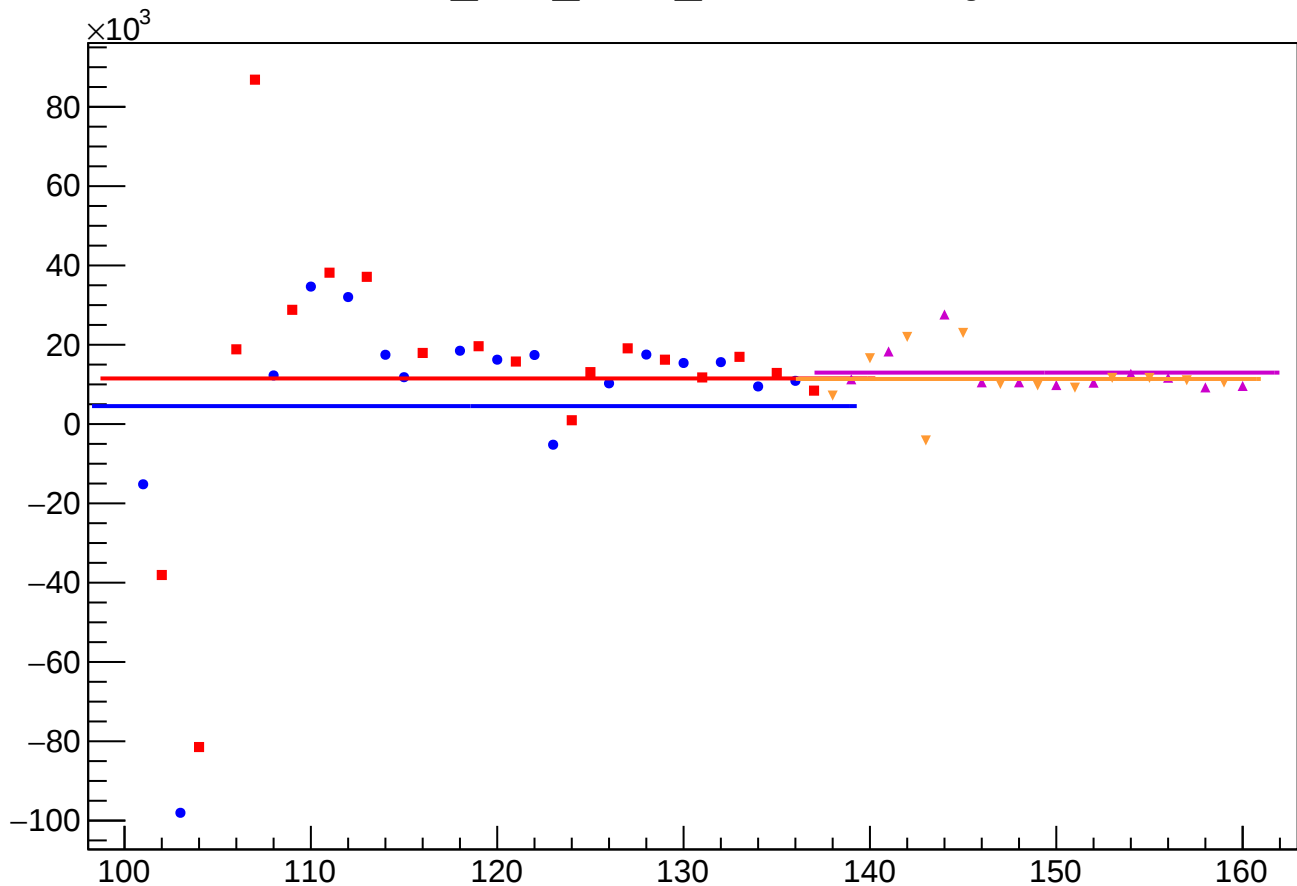
All: 1101.159+/-0.000 χ^2/NDF : 20269903253

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

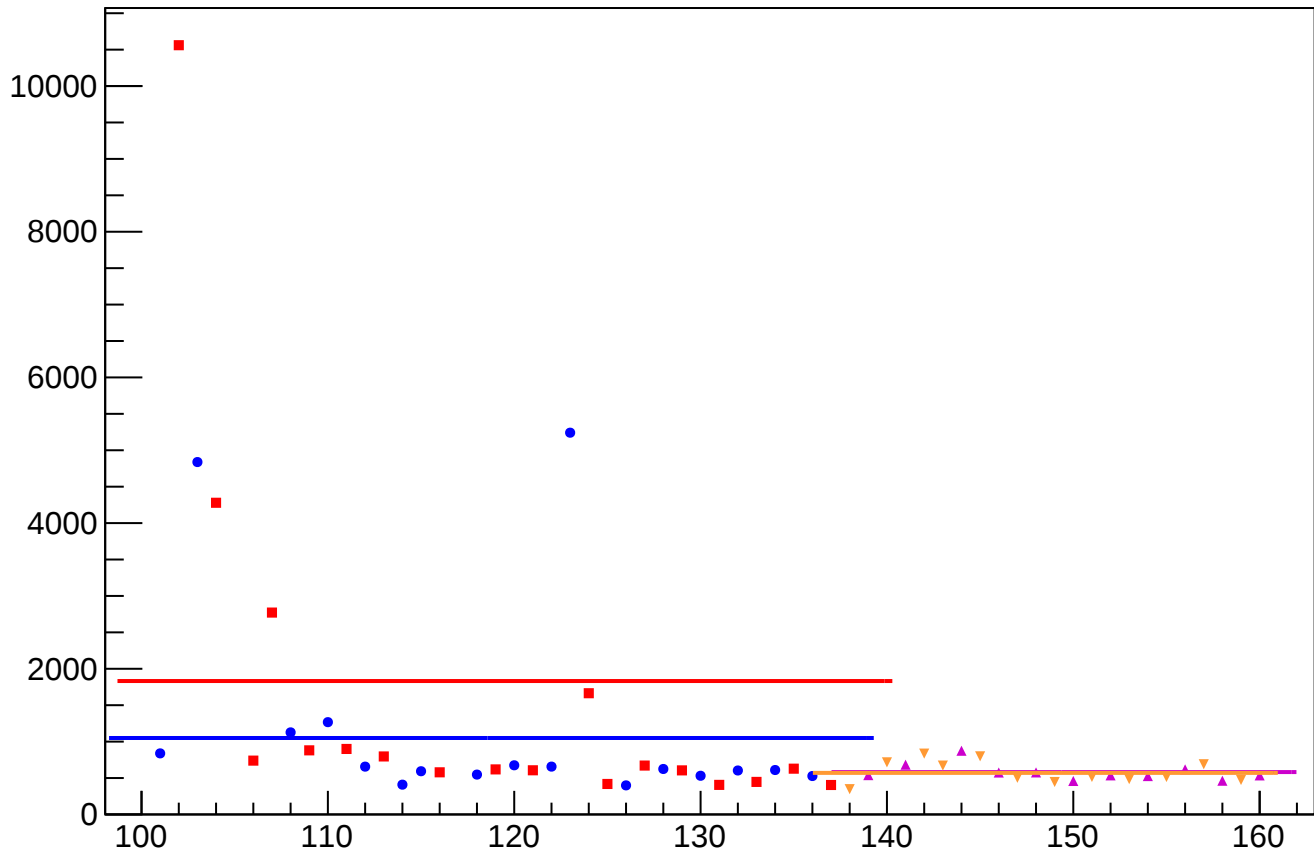
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

dit_atl1_coil7_mean vs Slug



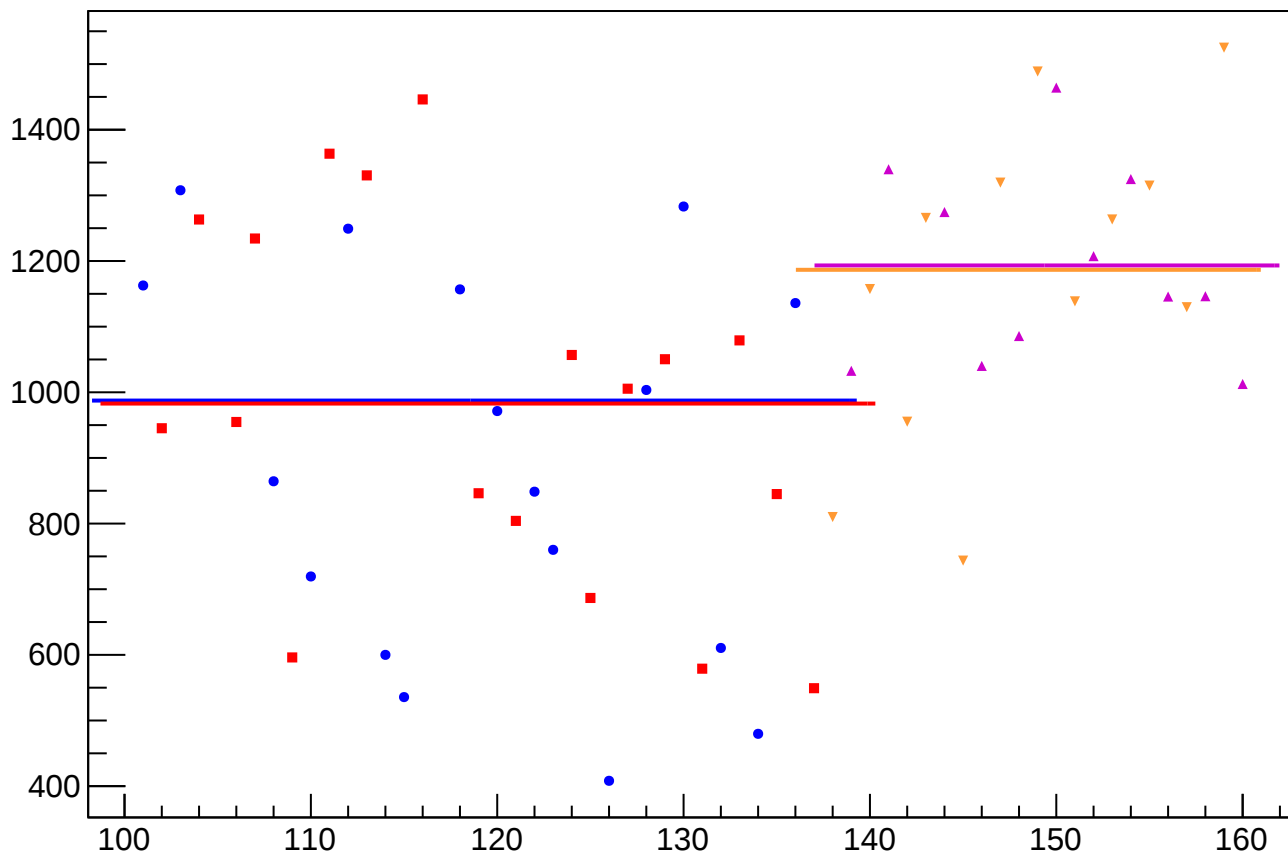
Right In: 4528.489+/-0.000 χ^2/NDF : 765984421186945141508299673026645807071232.0/16
 Left Out: 11369.972+/-0.000 χ^2/NDF : 36208718267646883298044880734212432330752.0/11
 Right Out: 11503.298+/-0.000 χ^2/NDF : 877839720750399952947204251622051720200192.0/17
 Left In: 12973.748+/-0.000 χ^2/NDF : 26423716846952217142475221393758111137792.0/10

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

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

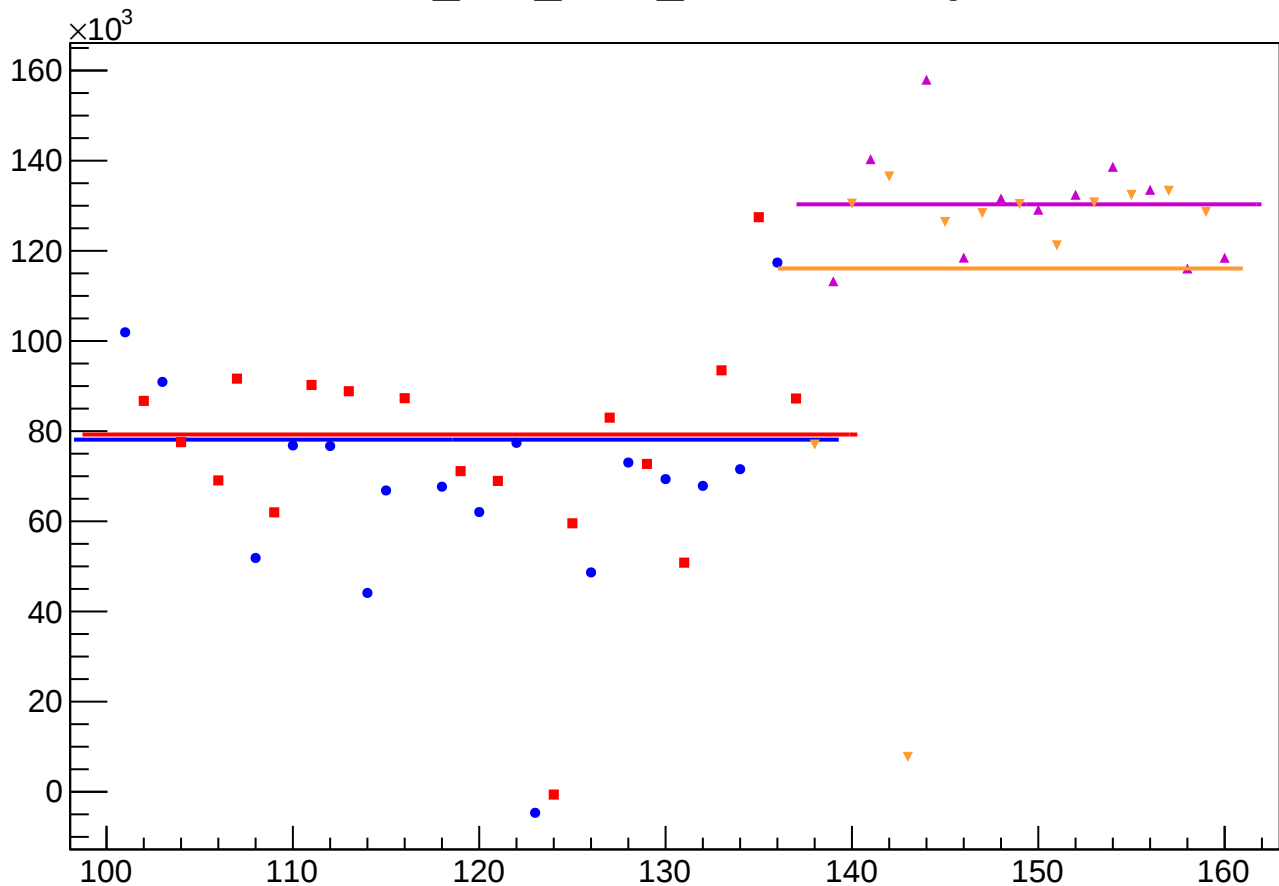
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

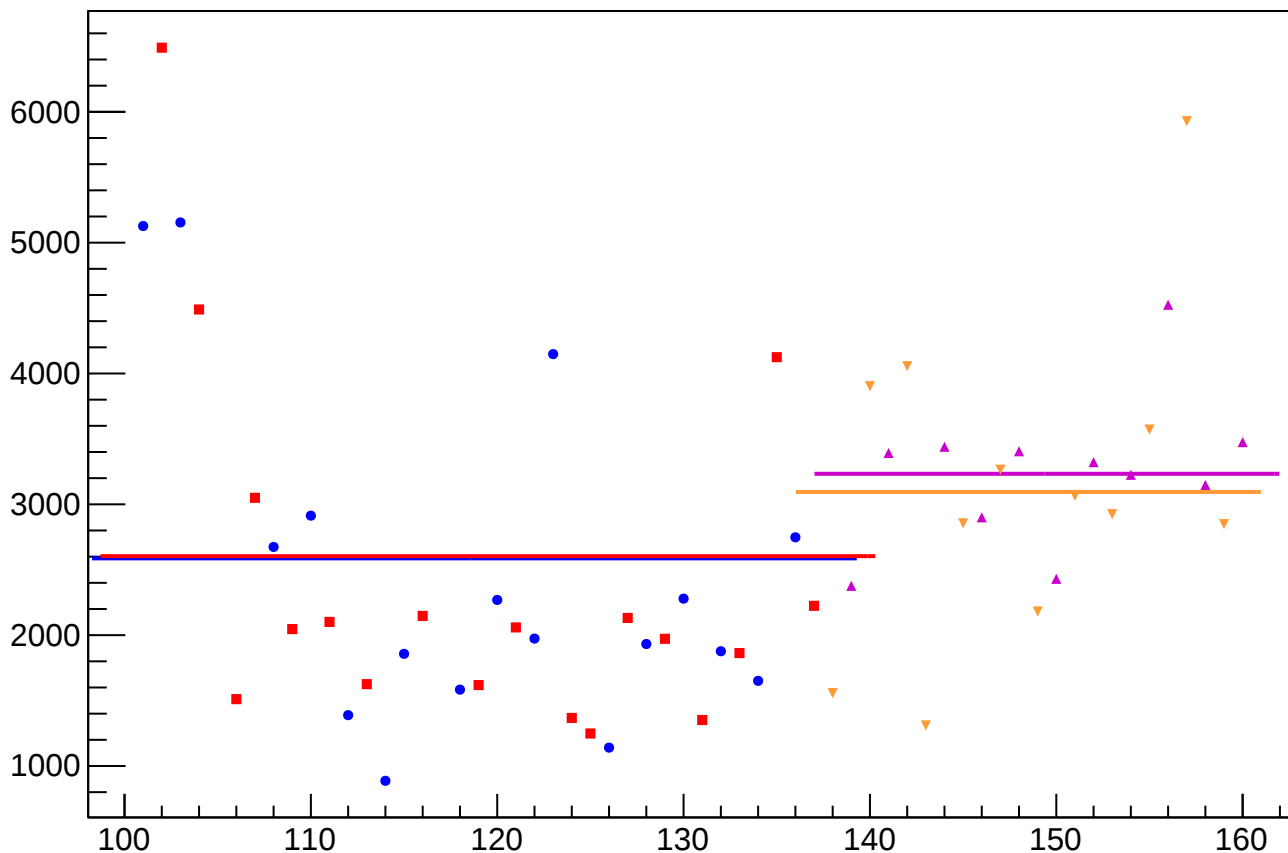
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_atl2_coil7_mean vs Slug



Right In: 78120.227 $\pm$ 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

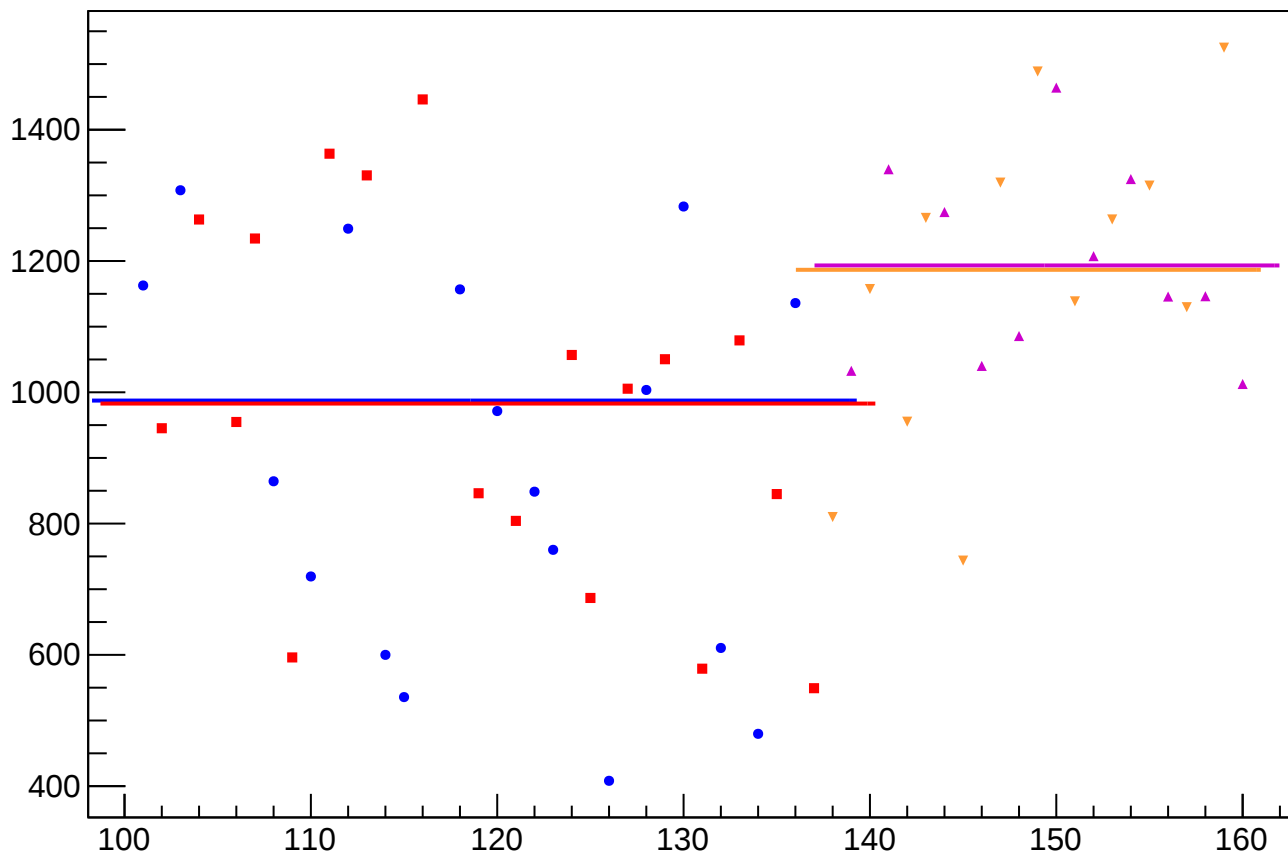
dit_atl2_coil7_err_mean vs Slug



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

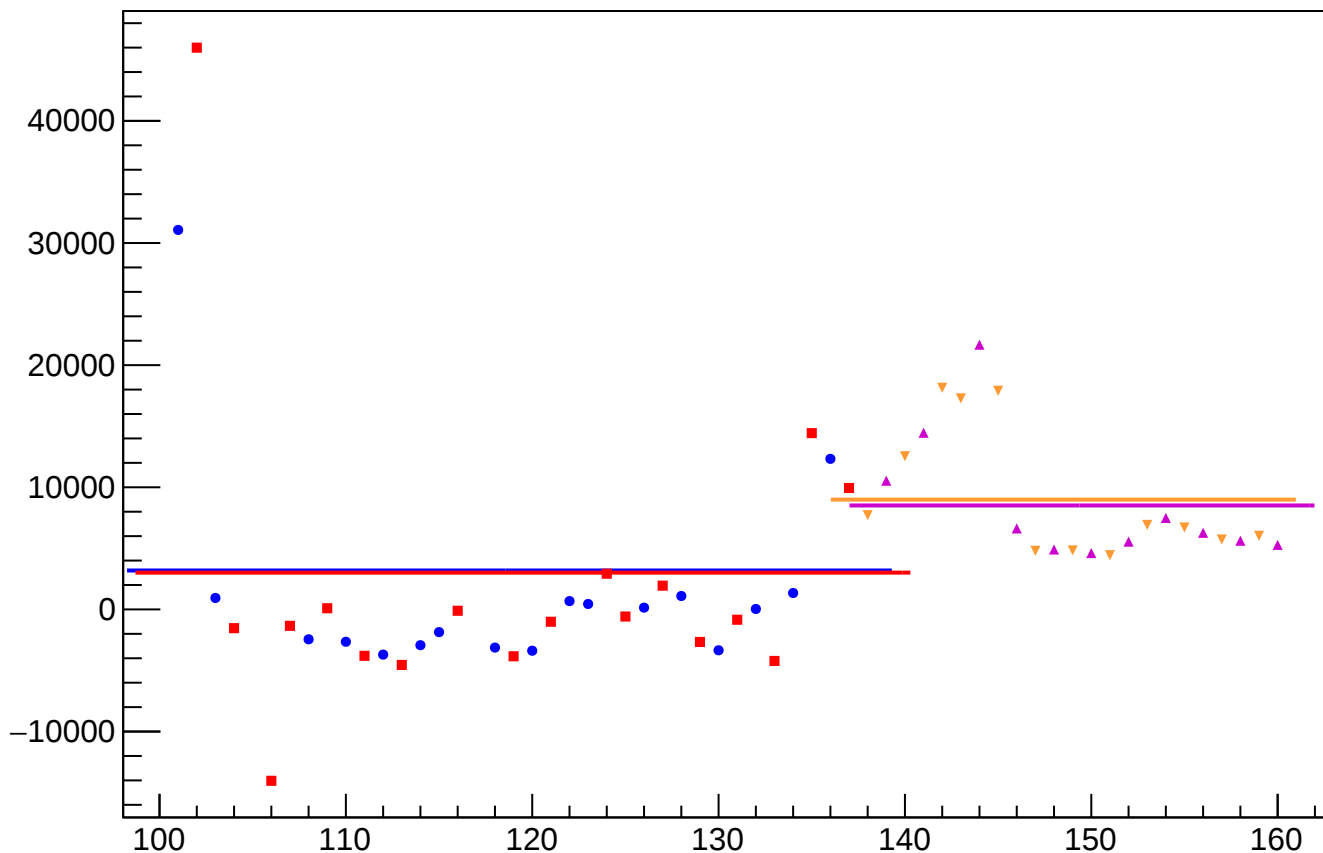
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

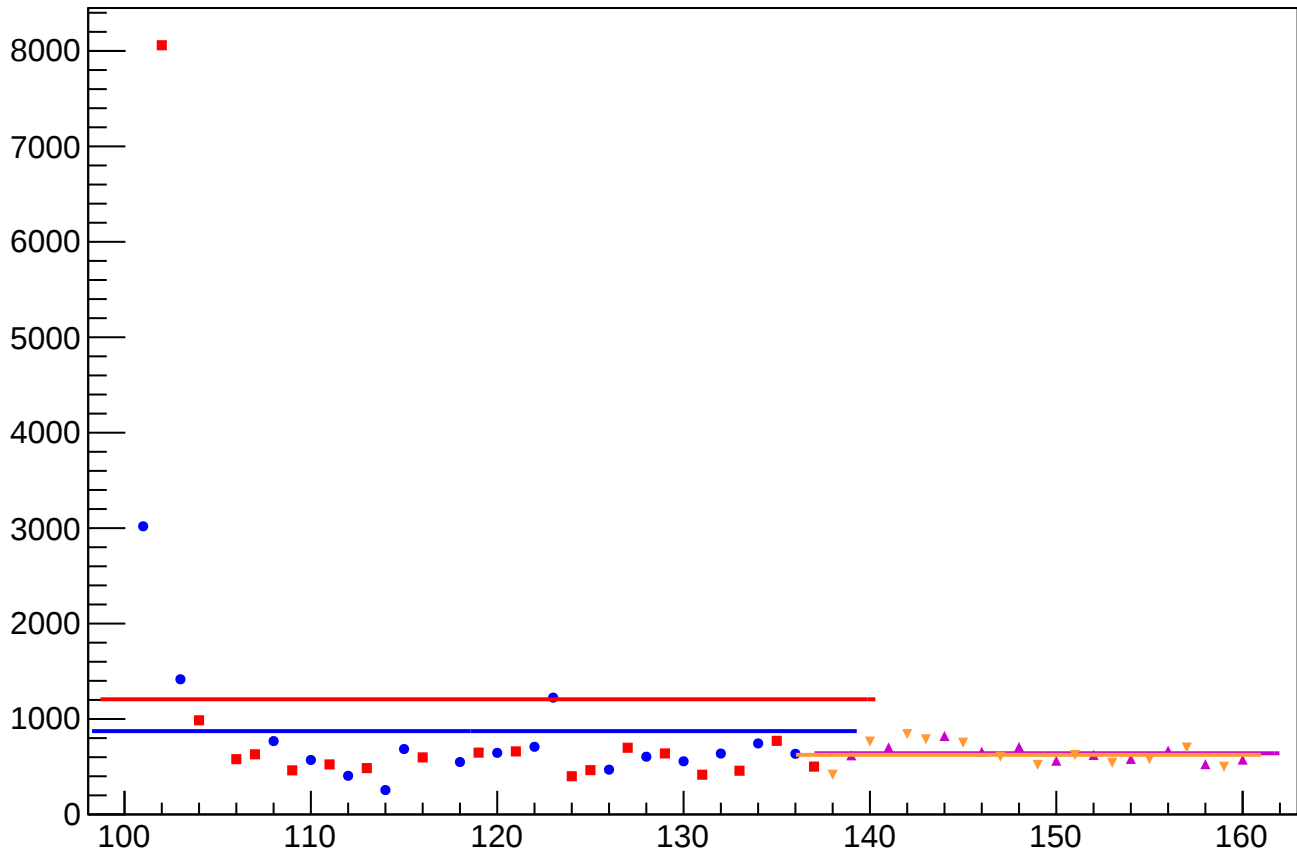
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

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



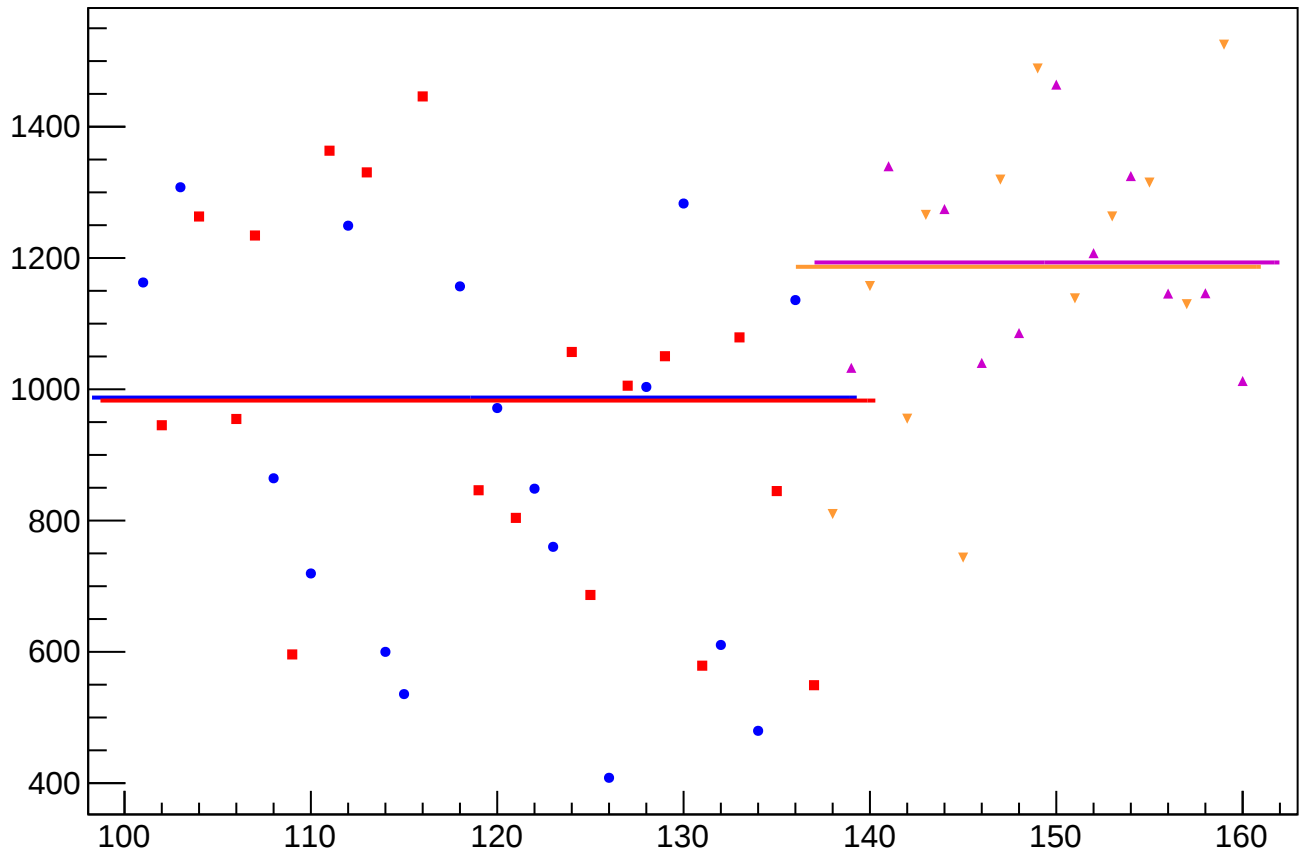
Right In: 873.306+/-0.000 χ^2/NDF : 340993590653355605867273192516364533760.0/16

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

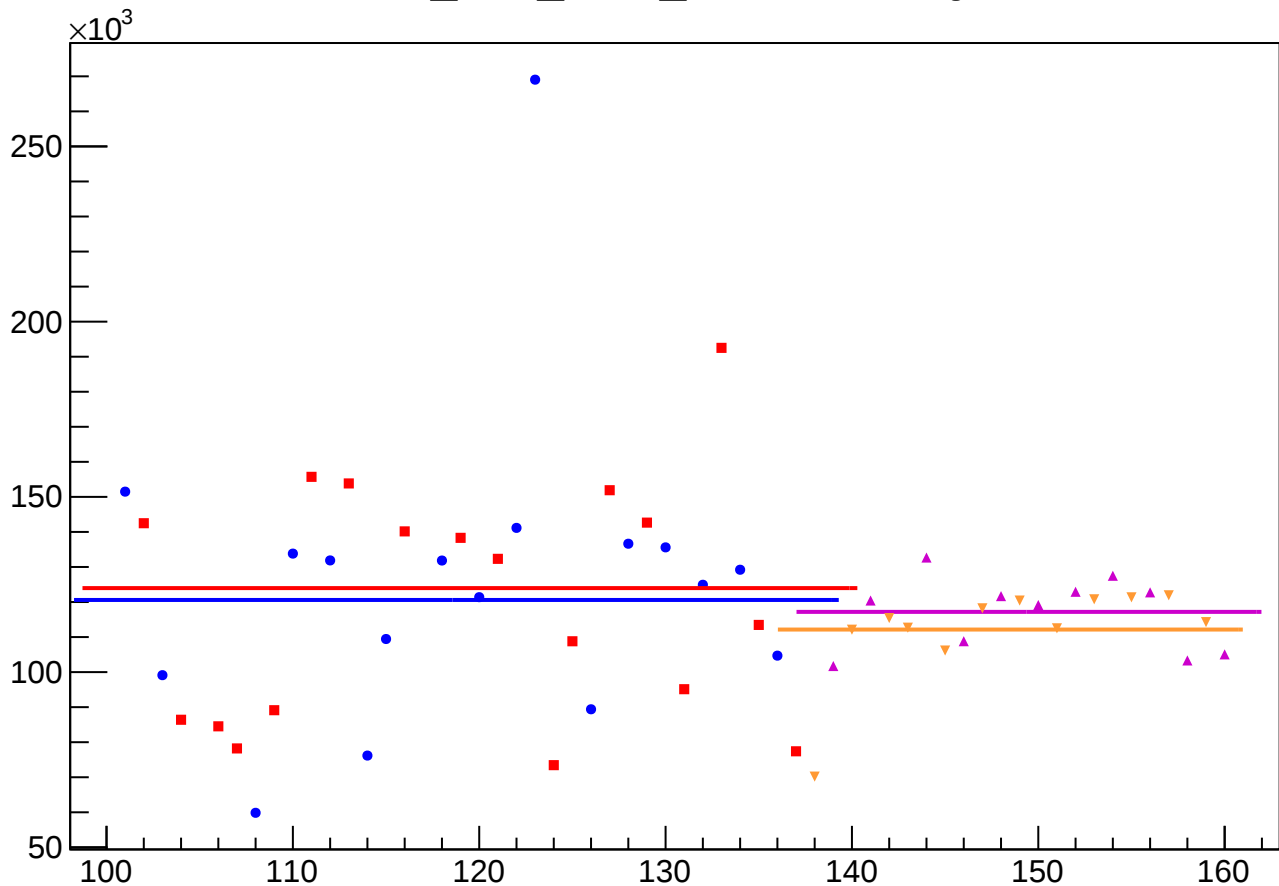
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

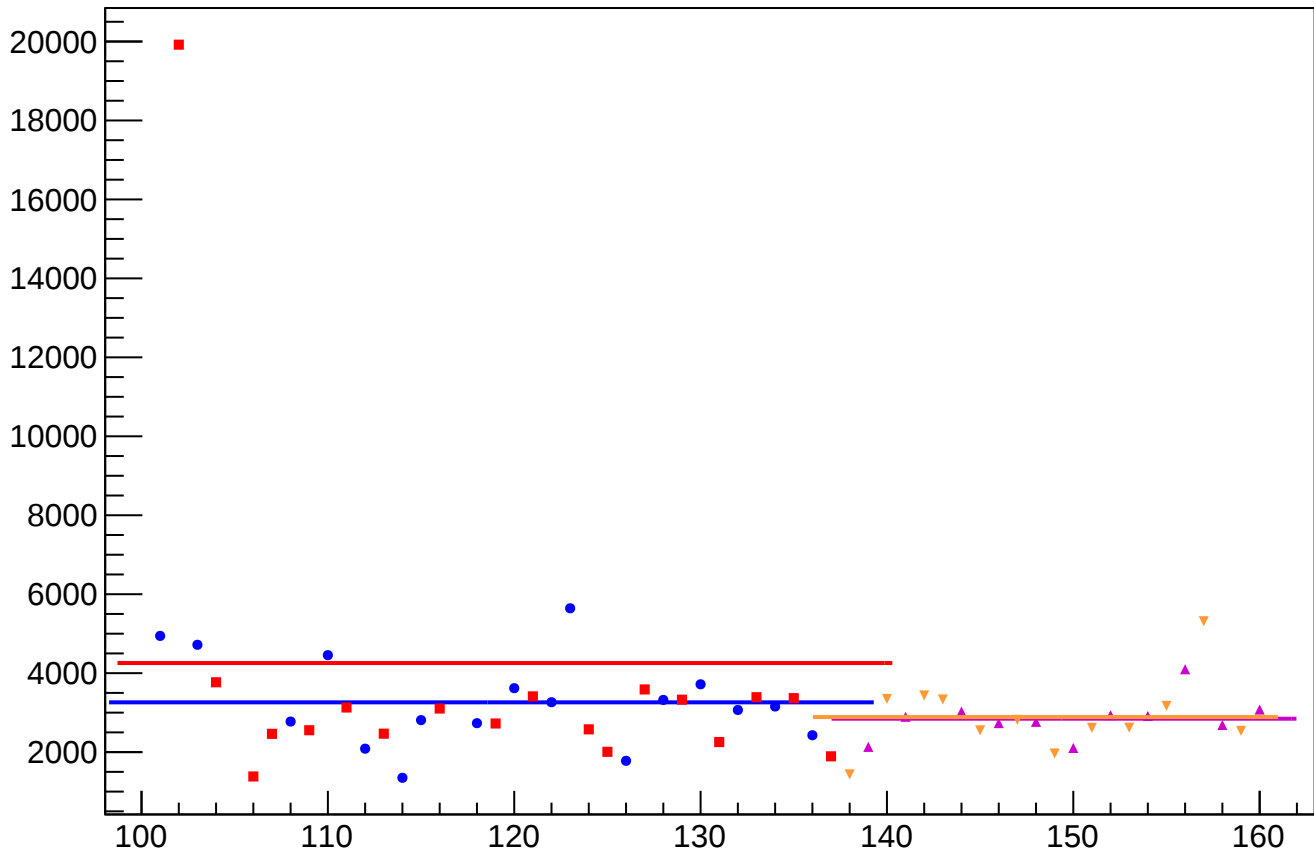
dit_atr2_coil7_mean vs Slug



Right In: 120586.708 $\pm$ 0.000	χ^2/NDF : 463702909226593065118055925390873188106240.0/16
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

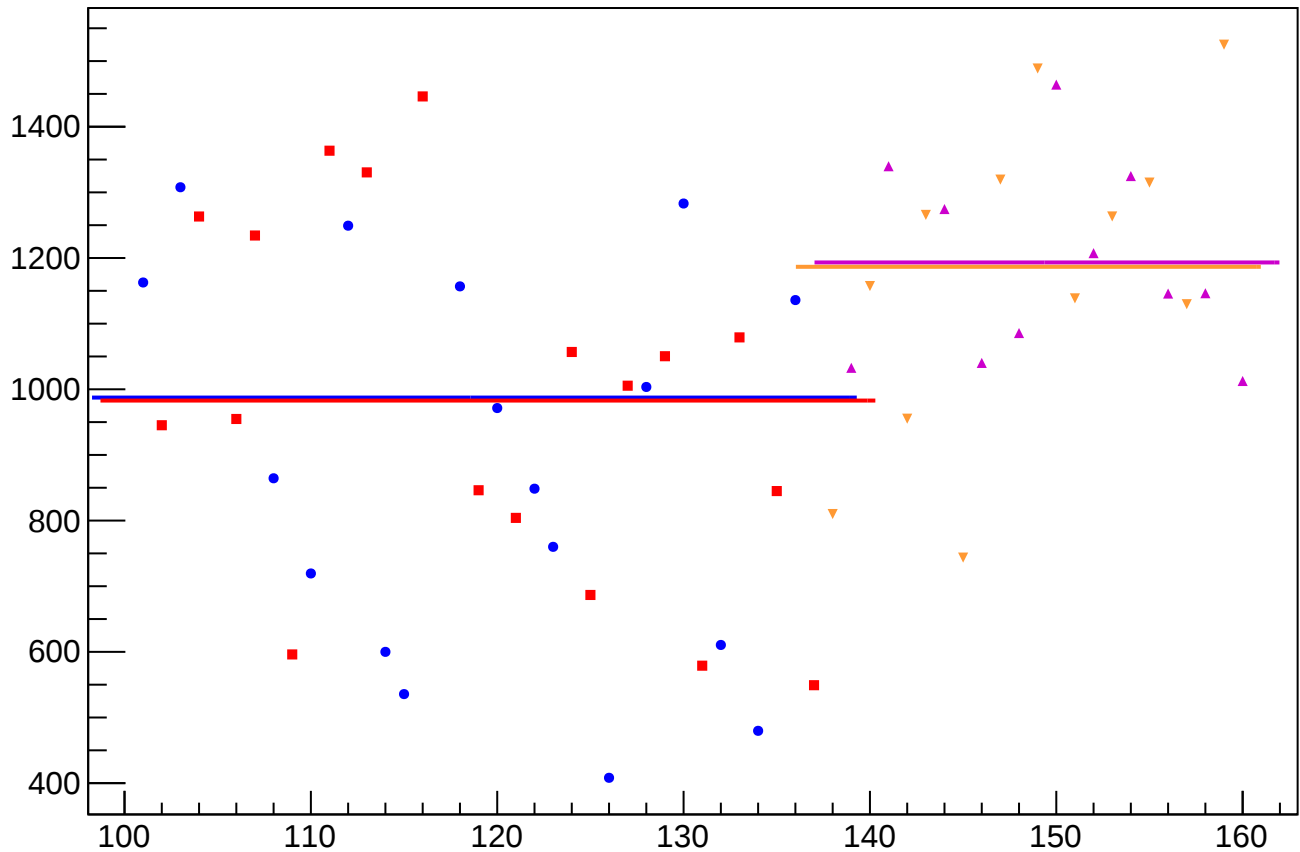
+ sign 115799.833 $\pm$ 0.000 χ^2/NDF : 661550430846
 All: 117995.024 $\pm$ 0.000 χ^2/NDF : 154233563
 - sign 120130.275 $\pm$ 0.000 χ^2/NDF : 865546841215

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



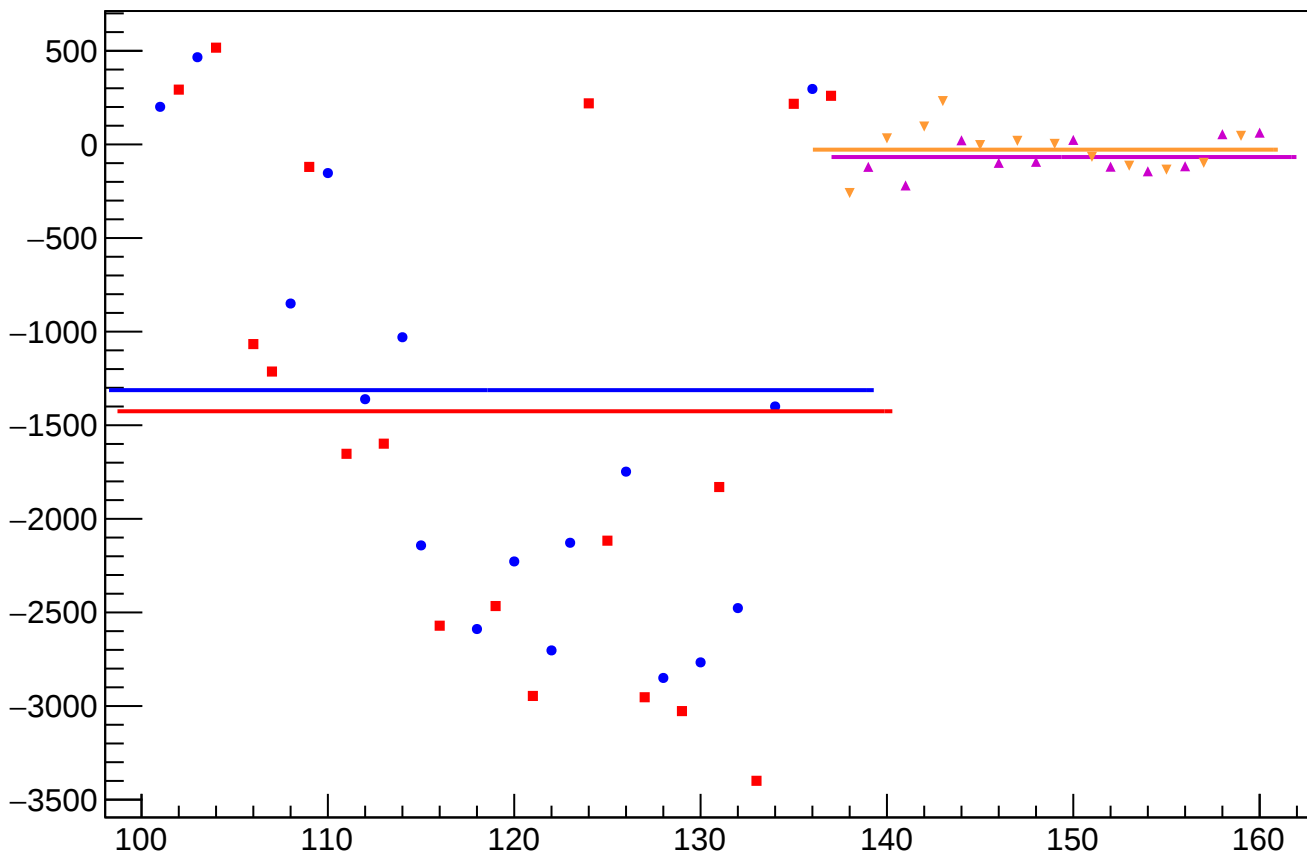
Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

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

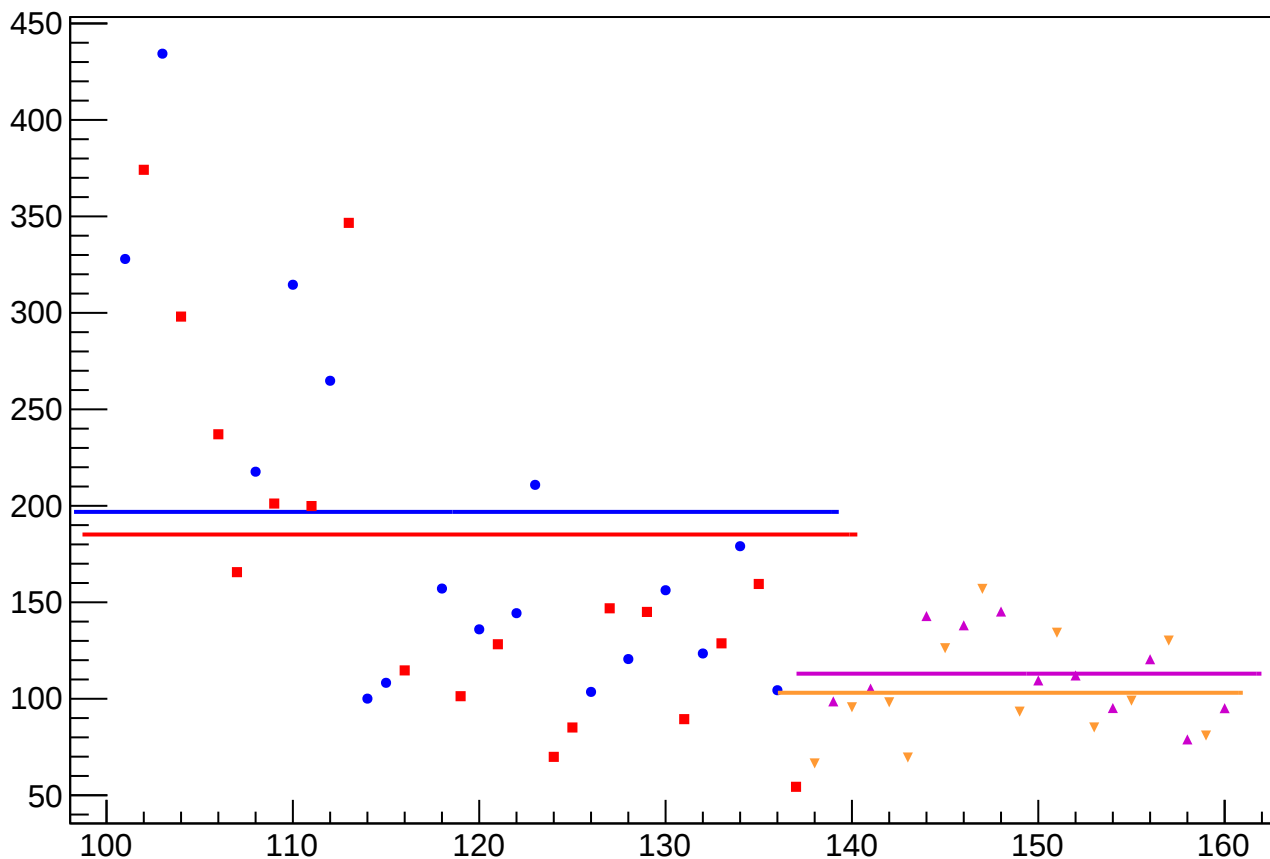
All: -620.791 ± 0.000 χ^2/NDF : 37915549619

Right Out: -1425.319 ± 0.000 χ^2/NDF : 1259772432394270570555753847649915109376.0/17

- sign -656.511 ± 0.000 χ^2/NDF : 201359414612914

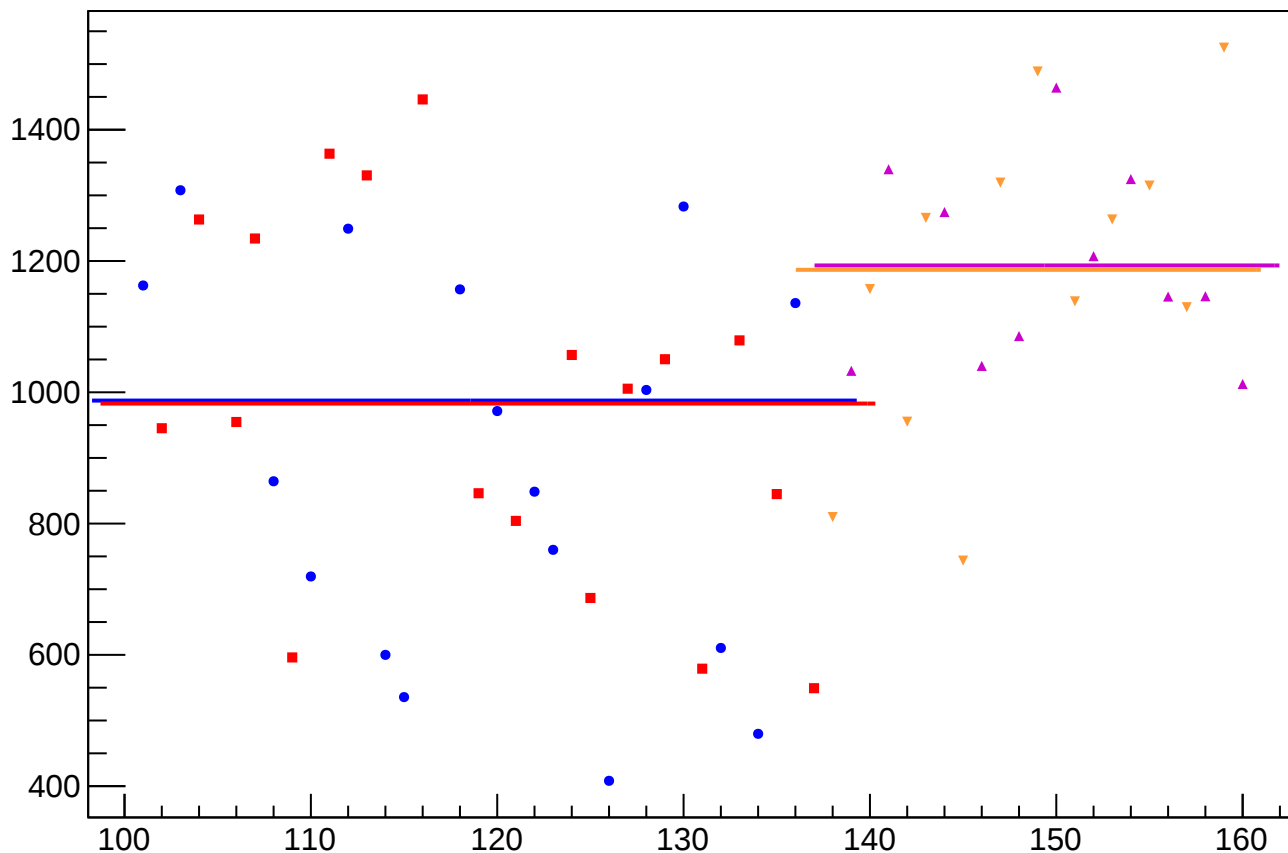
Left In: -67.340 ± 0.000 χ^2/NDF : 7344542288743460655103542950920978432.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 196.858+/-0.000	χ^2/NDF : 7337666778319090402870822115647422464.0/16	+ sign 143.697+/-0.000	χ^2/NDF : 114546885560905
Left Out: 103.111+/-0.000	χ^2/NDF : 658393761495499558426534507754553344.0/11	All: 144.004+/-0.000	χ^2/NDF : 201163236509
Right Out: 185.135+/-0.000	χ^2/NDF : 6160706554997434160213032977968398336.0/17	- sign 144.302+/-0.000	χ^2/NDF : 866133834293192
Left In: 113.009+/-0.000	χ^2/NDF : 394825243882053718517351386298974208.0/10		

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

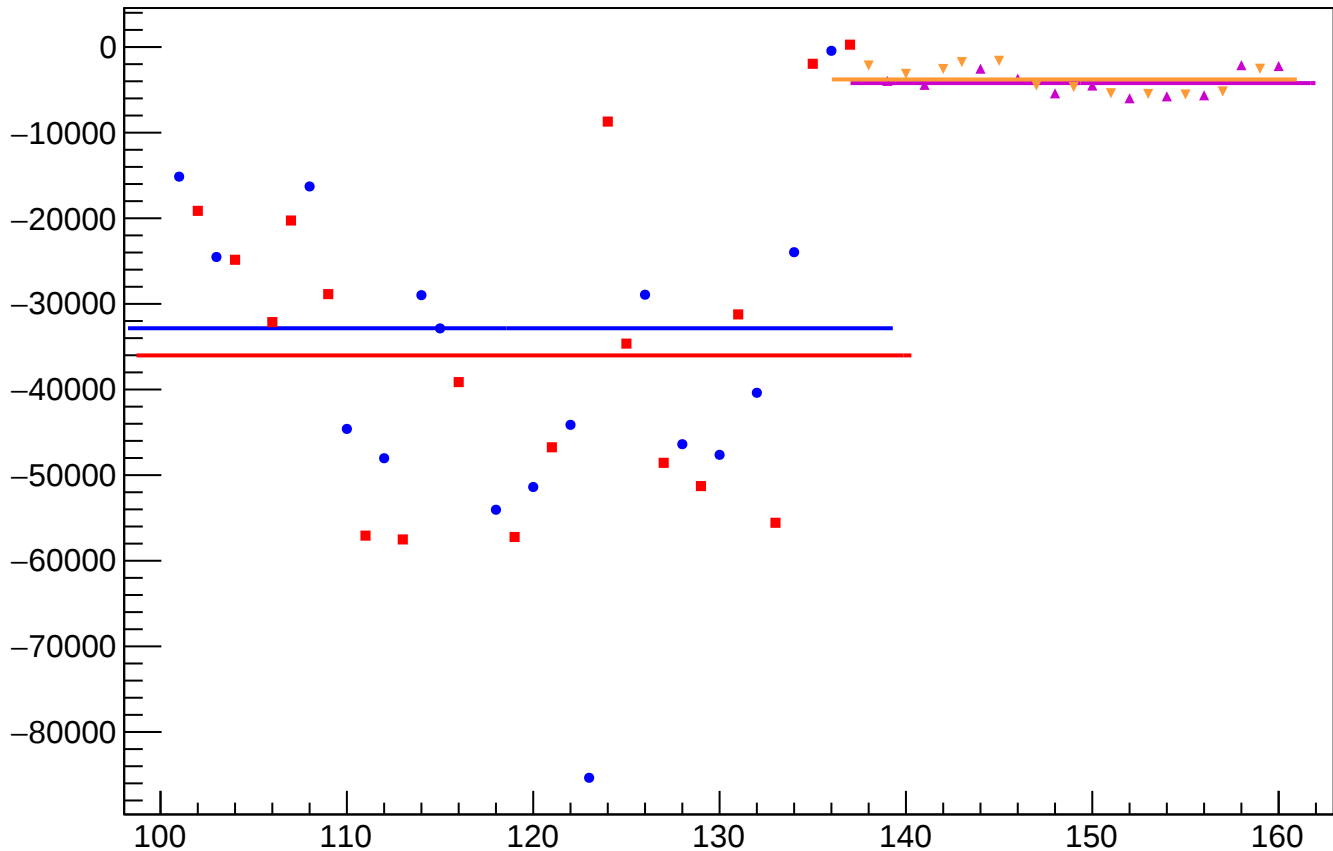
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

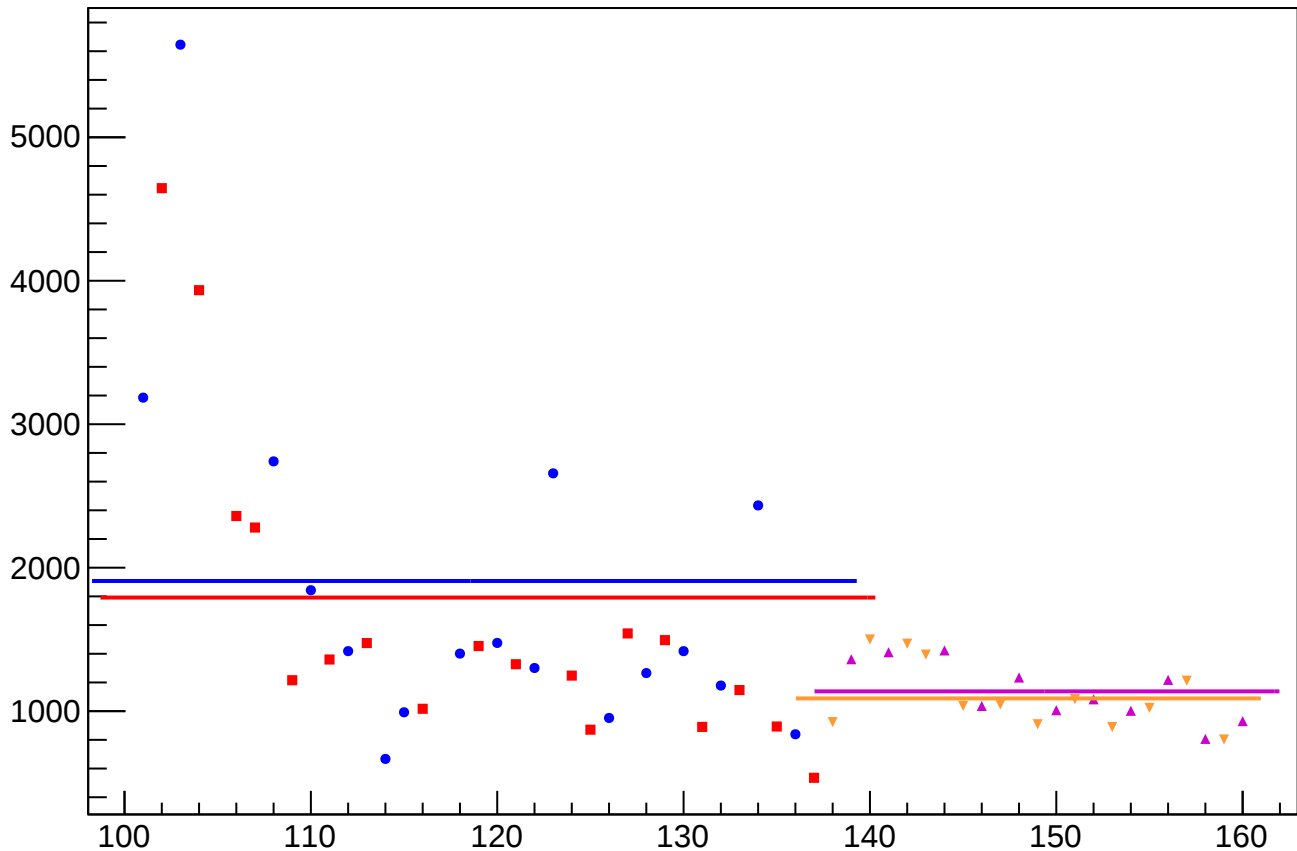
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_sam2_coil7_mean vs Slug



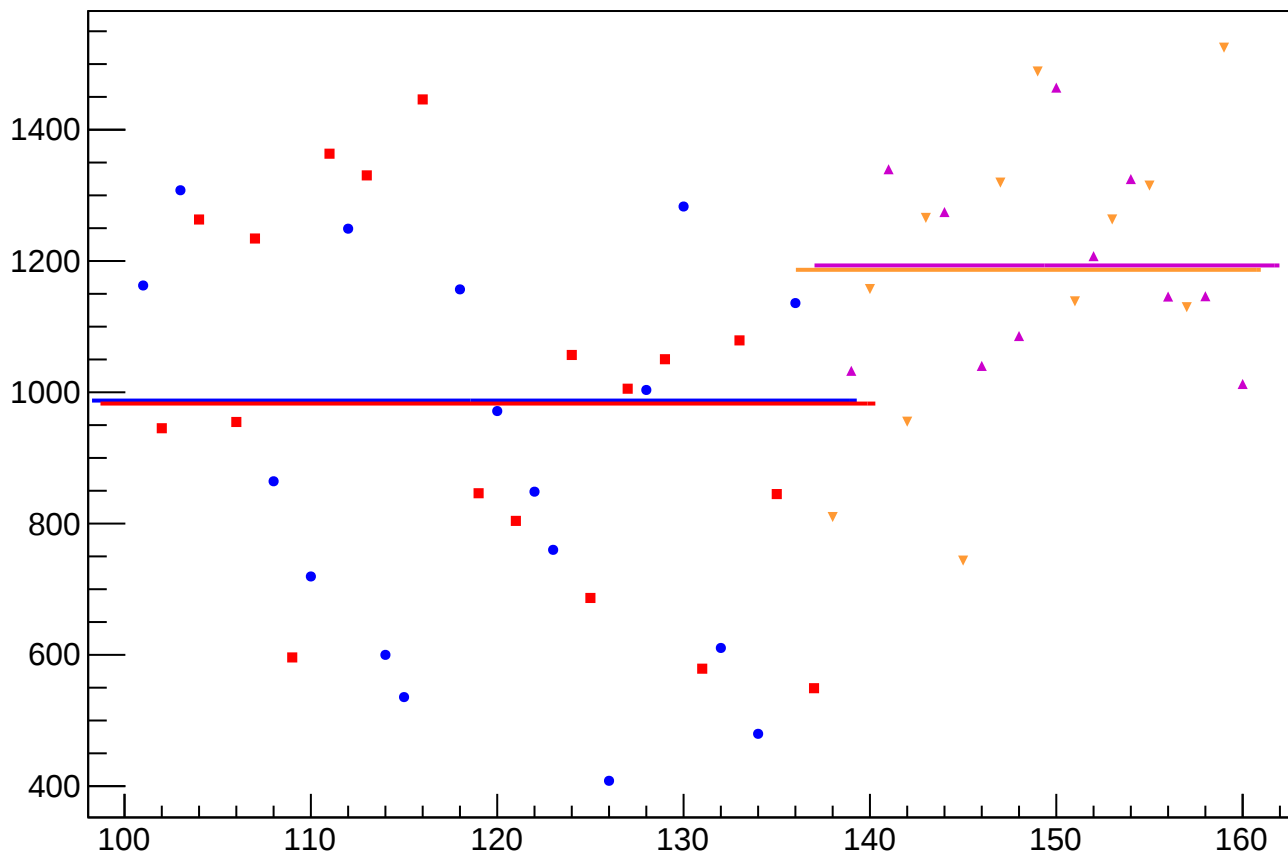
Right In: -32846.038 ± 0.000 $\chi^2/\text{NDF}: 219637368732777746312600570455176987541504.0/16$
 Left Out: -3785.473 ± 0.000 $\chi^2/\text{NDF}: 2024140029118734707580792113032155103232.0/11$
 Right Out: -36017.918 ± 0.000 $\chi^2/\text{NDF}: 228867649175680979480074989628486510968832.0/17$
 Left In: -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 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

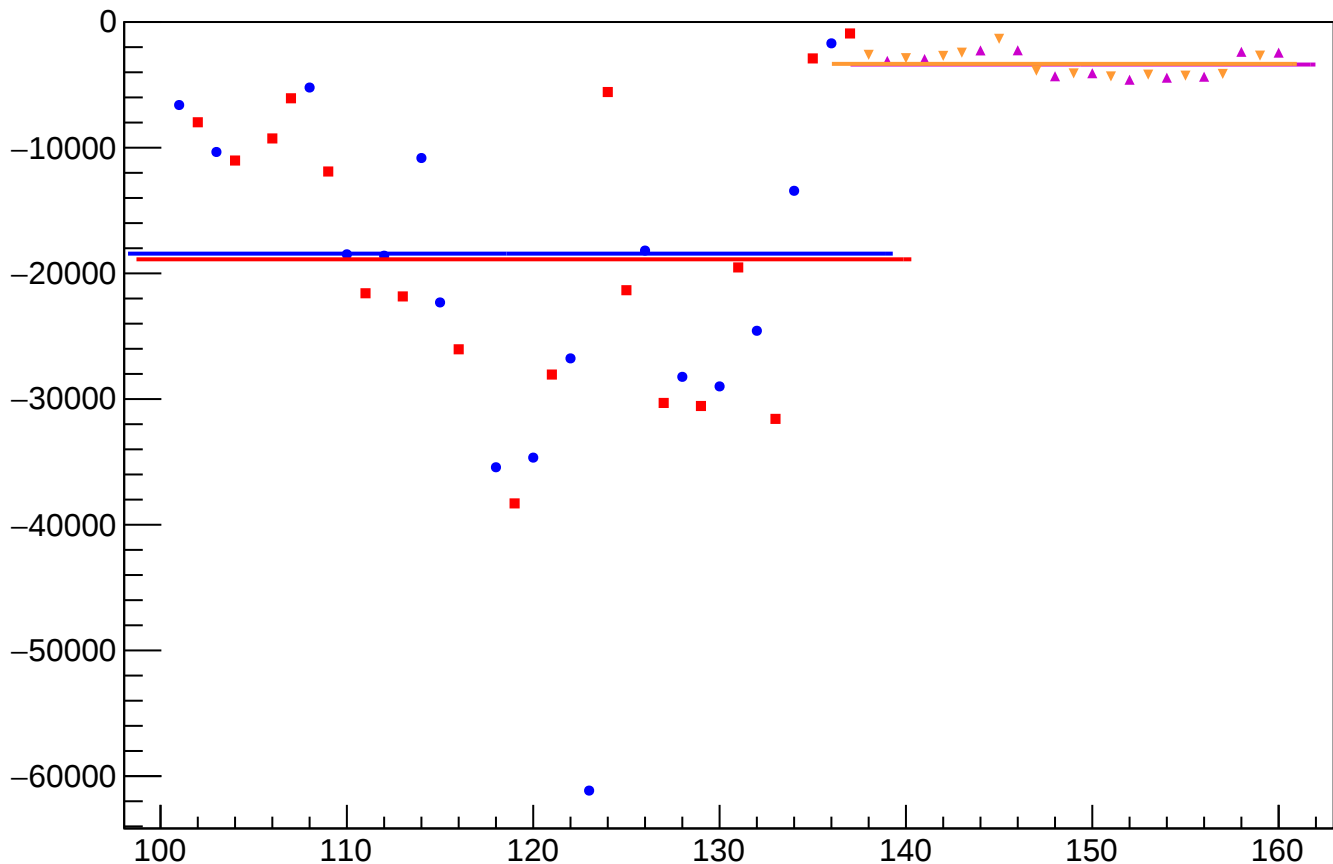
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam3_coil7_mean vs Slug



Right In: -18428.768+/-0.000 χ^2/NDF : 91790167940984507561863911678204862005248.0/16

Left Out: -3330.218+/-0.000 χ^2/NDF : 801638931401536809328175362972460253184.0/11

Right Out: -18880.571+/-0.000 χ^2/NDF : 85627666736634579824962235279591398703104.0/17

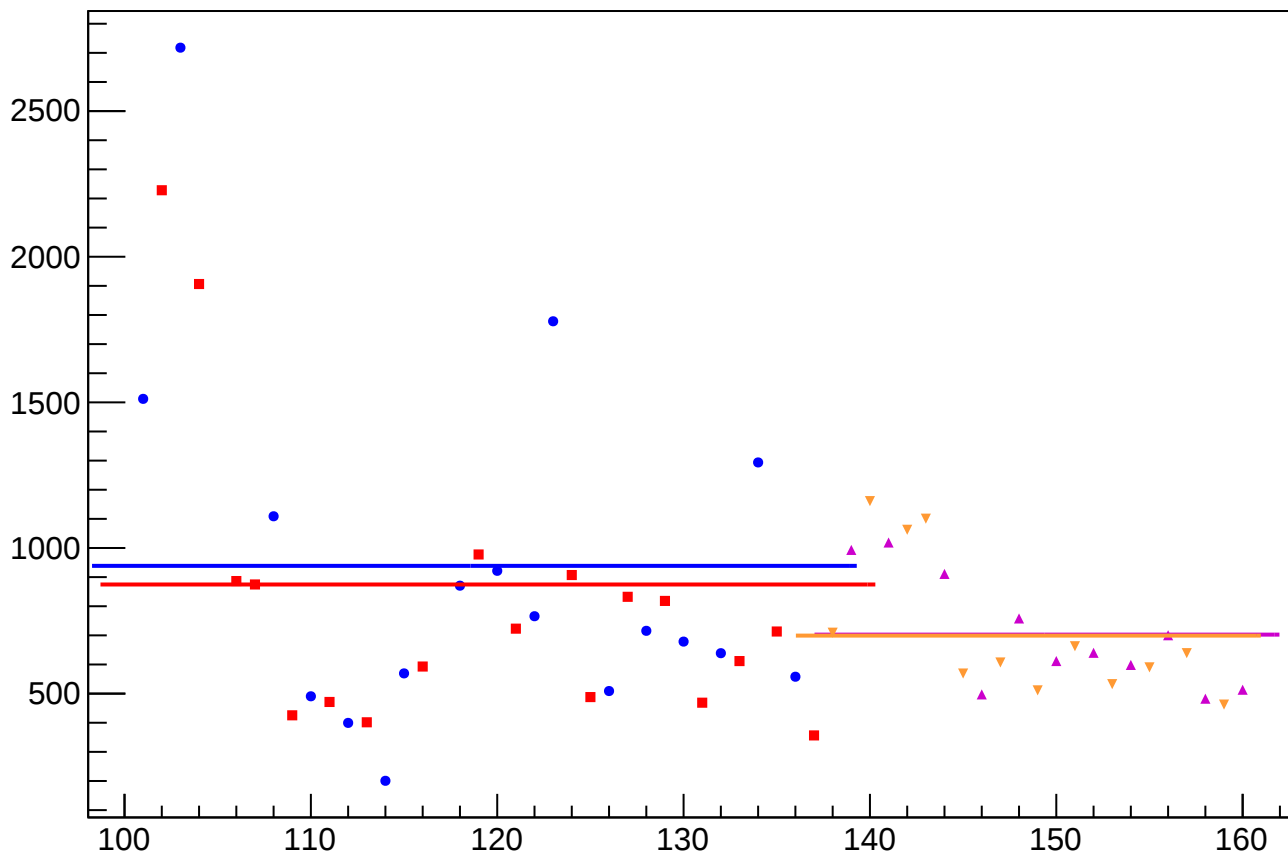
Left In: -3383.309+/-0.000 χ^2/NDF : 816279200160971630569460981745055694848.0/10

+ sign -9866.958+/-0.000 χ^2/NDF : 1823058279911

All: -9988.609+/-0.000 χ^2/NDF : 3660131831

- sign -10106.939+/-0.000 χ^2/NDF : 1836605571532

dit_sam3_coil7_err_mean vs Slug



Right In: 938.658 $\pm$ 0.000 χ^2 /NDF: 274123287156186942430302567816841134080.0/16

Left Out: 699.181 $\pm$ 0.000 χ^2 /NDF: 47485076871287899089179265063714816000.0/11

Right Out: 874.671 $\pm$ 0.000 χ^2 /NDF: 212705560210060381413787152265269739520.0/17

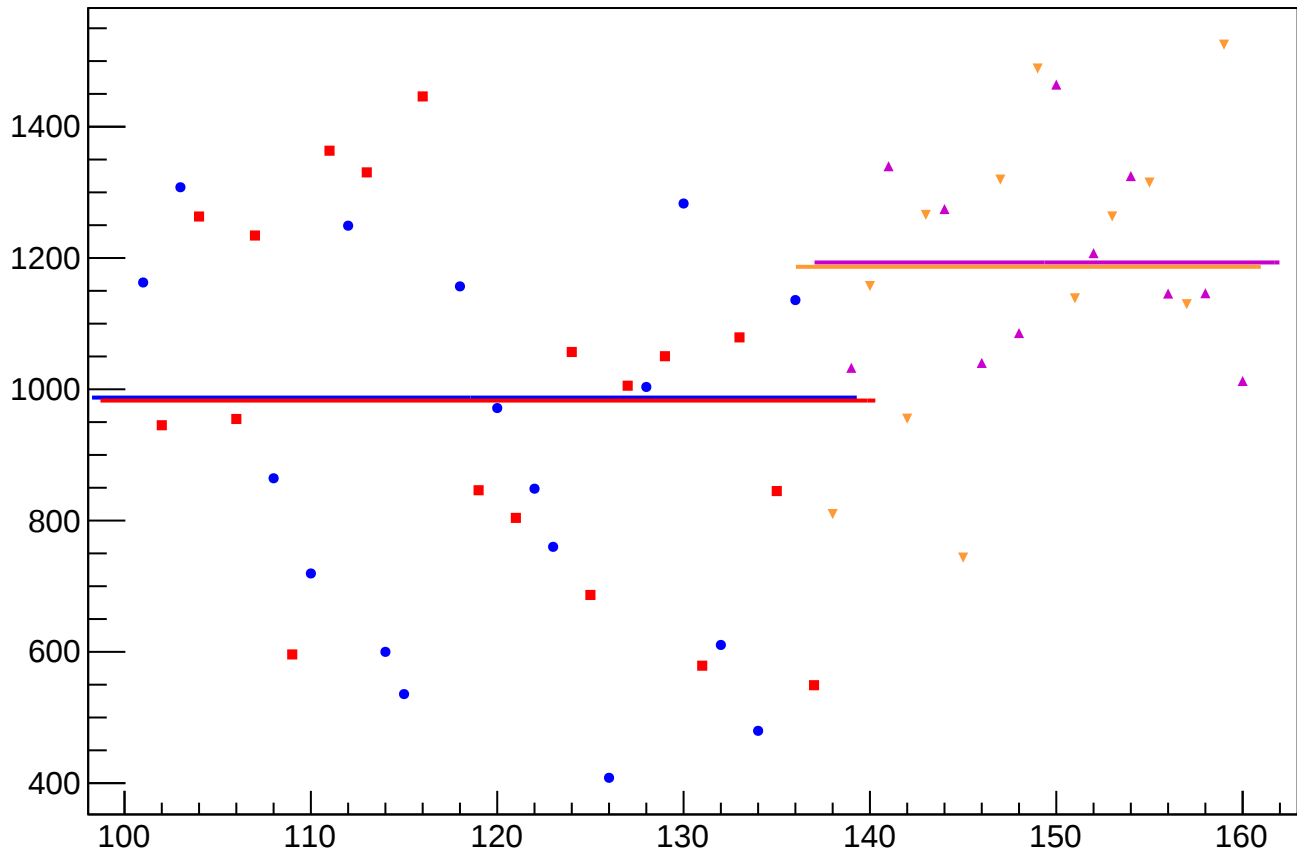
Left In: 702.545 $\pm$ 0.000 χ^2 /NDF: 31919745309700759426030449402090356736.0/10

+ sign 802.860 $\pm$ 0.000 χ^2 /NDF: 344177515129287

All: 789.864 $\pm$ 0.000 χ^2 /NDF: 601329698427

- sign 777.223 $\pm$ 0.000 χ^2 /NDF: 256618133960327

dit_sam3_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

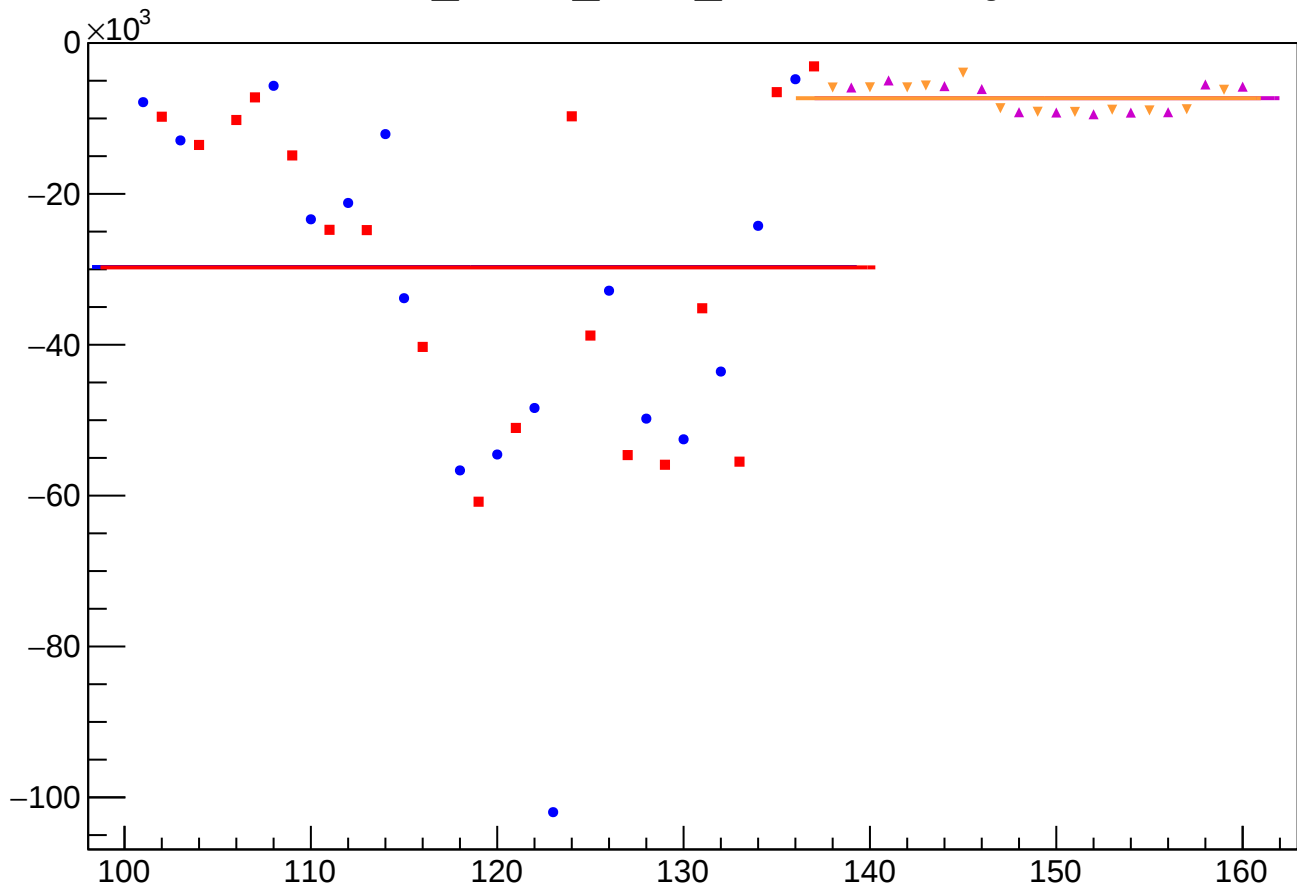
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ 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

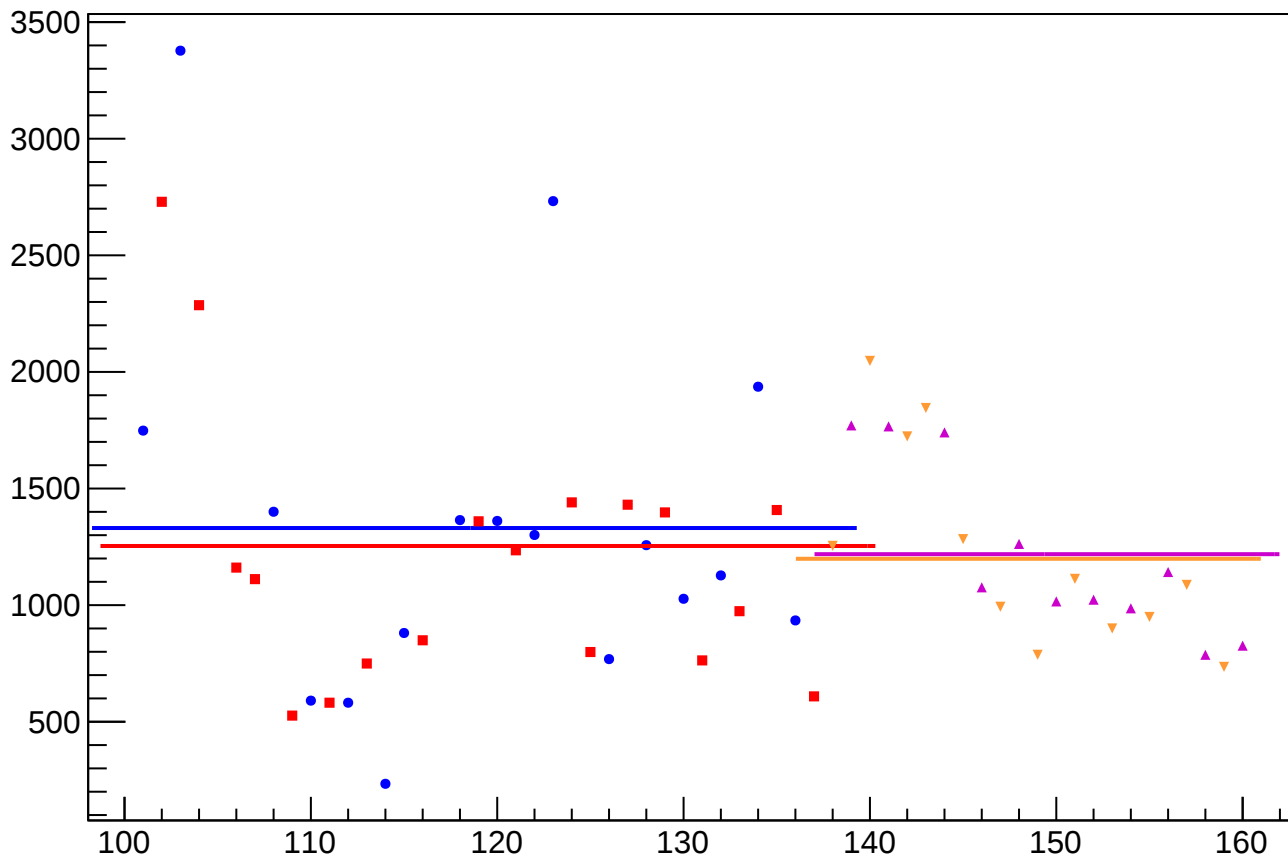
dit_sam4_coil7_mean vs Slug



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

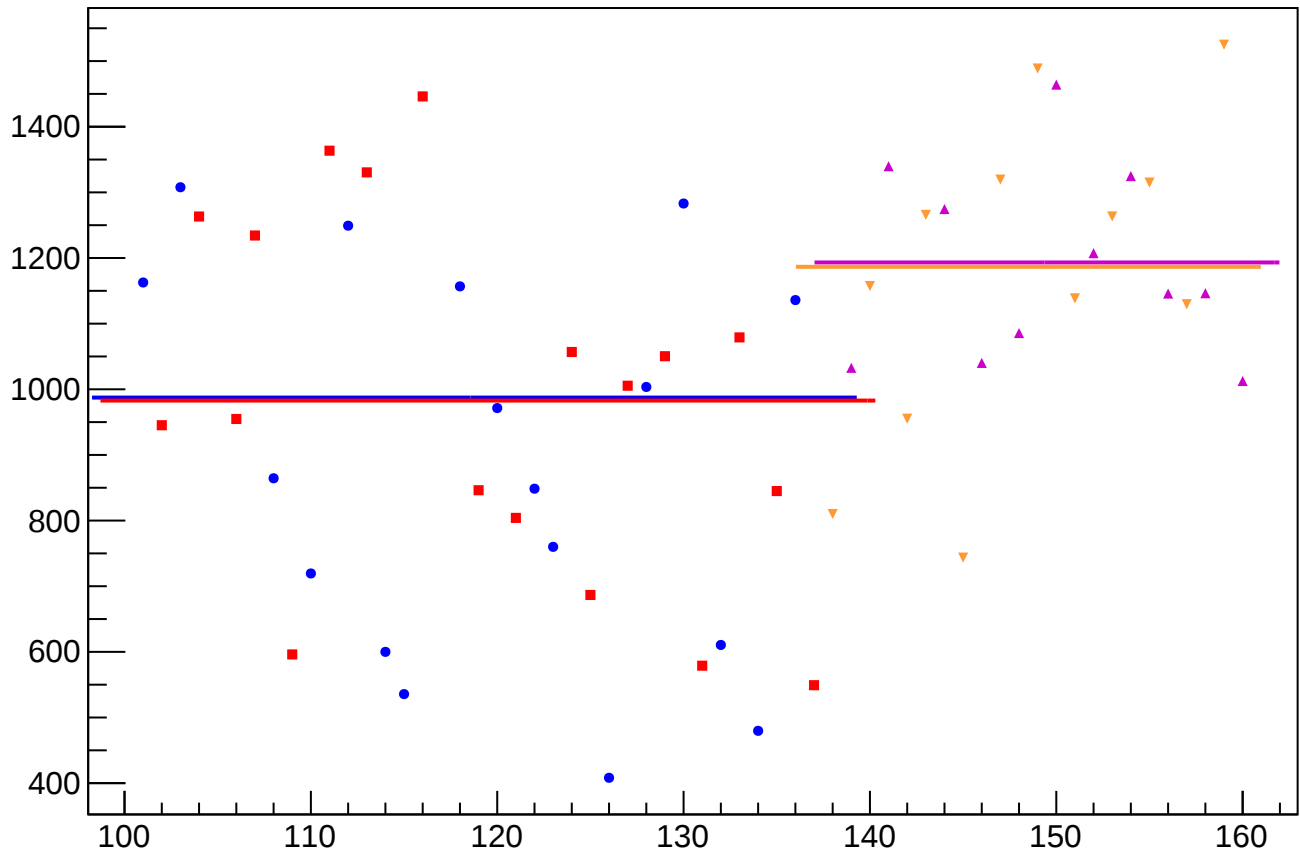
Left Out: 1198.833 $\pm$ 0.000 χ^2/NDF : 149280196072306589418447697644691128320.0/11

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

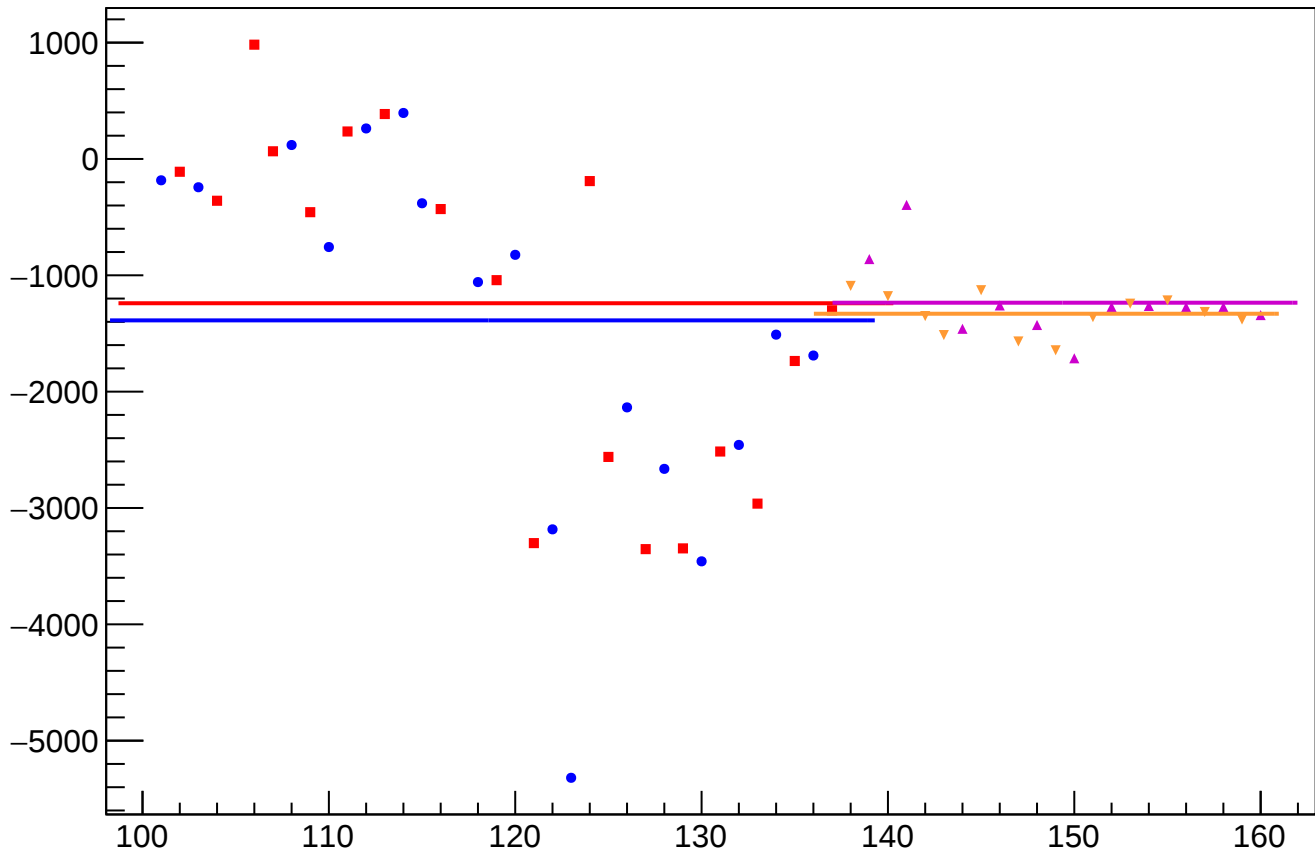
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

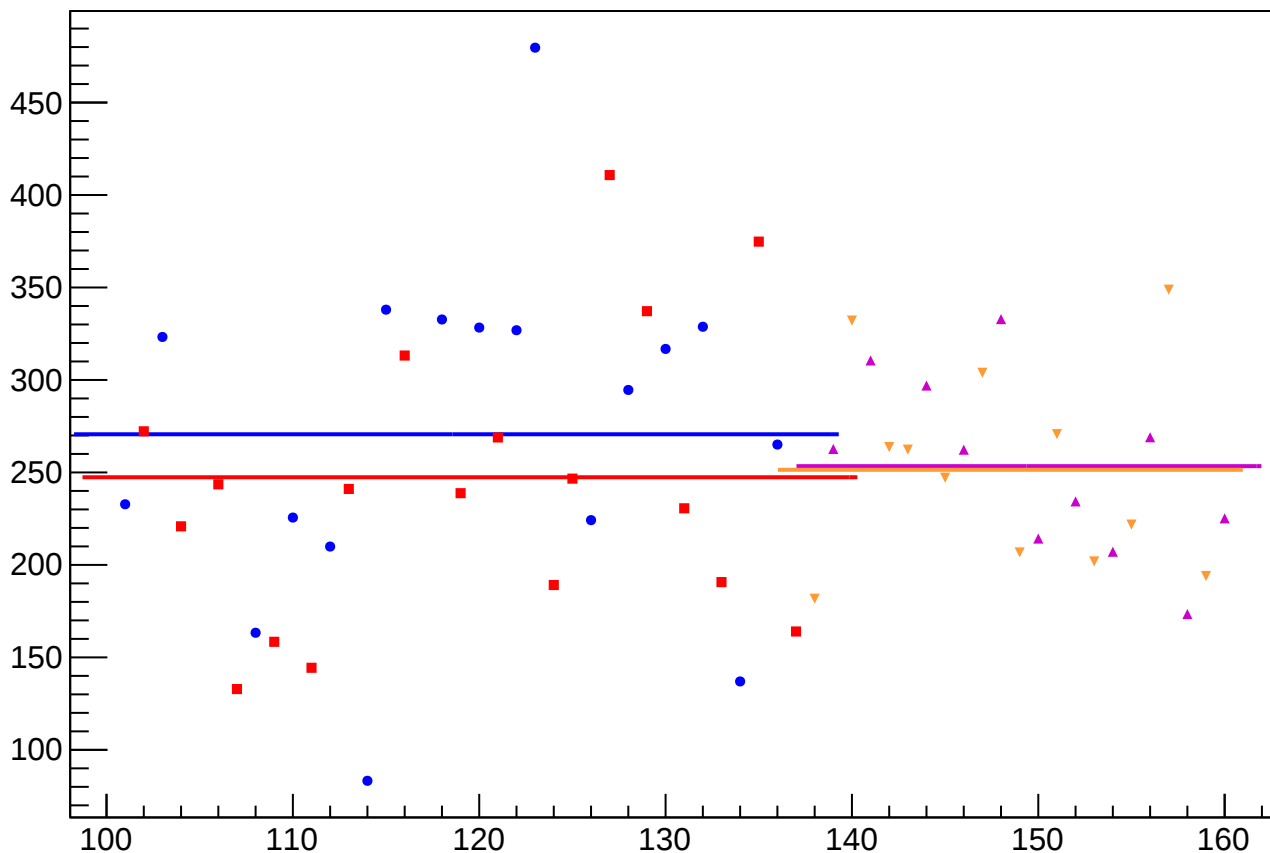
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_sam5_coil7_mean vs Slug



Right In: -1387.447 +/- 0.000 $\chi^2/\text{NDF} = 1052649963447979198116034562243591929856.0/16$
 Left Out: -1330.420 +/- 0.000 $\chi^2/\text{NDF} = 26483457480768378875041680320691699712.0/11$
 Right Out: -1240.179 +/- 0.000 $\chi^2/\text{NDF} = 1416369744921748520391717301088168181760.0/17$
 Left In: -1235.621 +/- 0.000 $\chi^2/\text{NDF} = 101175024554514162187059760134266814464.0/10$

dit_sam5_coil7_err_mean vs Slug



Right In: 270.634+/-0.000 χ^2/NDF : 2782961301444799640631413817001115648.0/16

Left Out: 251.431+/-0.000 χ^2/NDF : 2584936508665838554891763249678647296.0/11

Right Out: 247.395+/-0.000 χ^2/NDF : 4145415912975495896207578940101885952.0/17

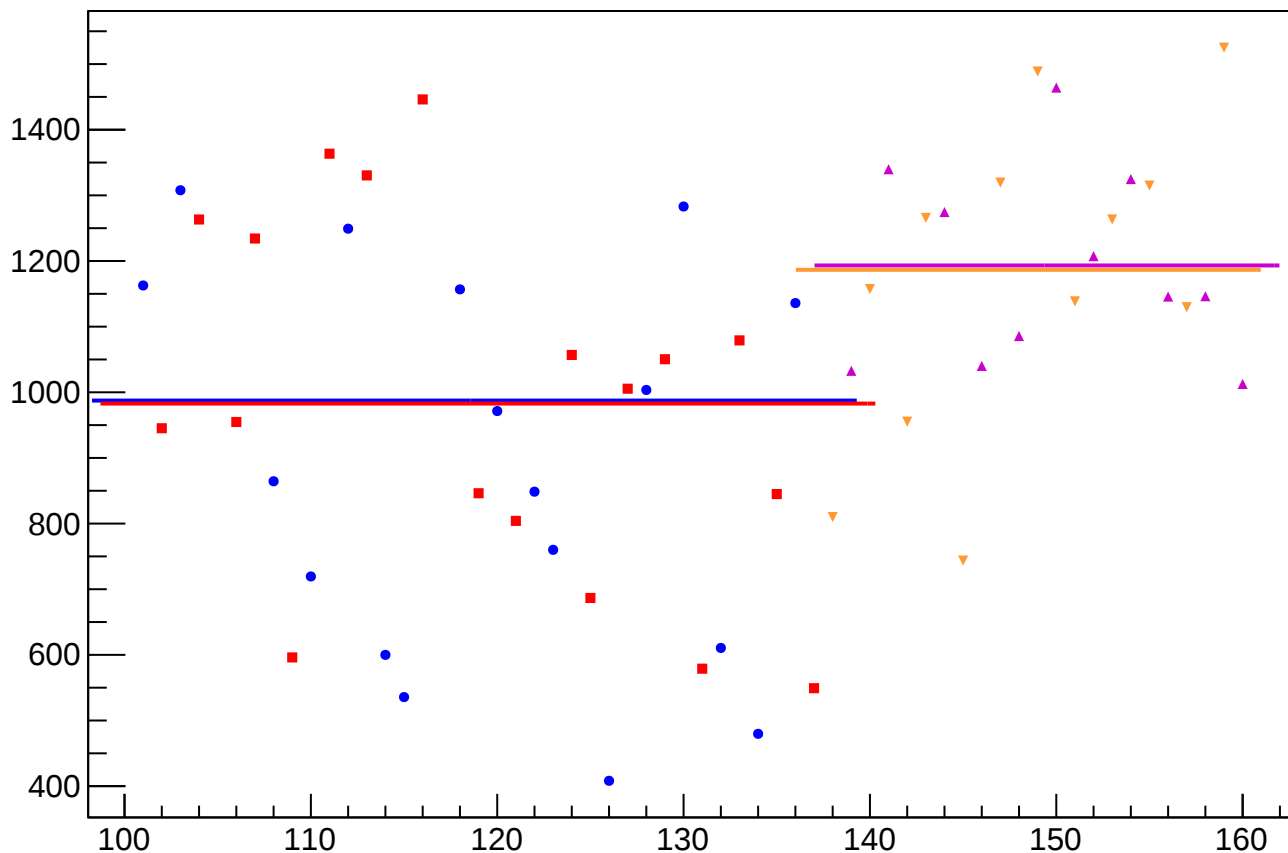
Left In: 253.400+/-0.000 χ^2/NDF : 1956558228349454722124070225585373184.0/10

+ sign 259.744+/-0.000 χ^2/NDF : 551301920685929

All: 255.208+/-0.000 χ^2/NDF : 116946735733

- sign 250.795+/-0.000 χ^2/NDF : 611657187843847

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

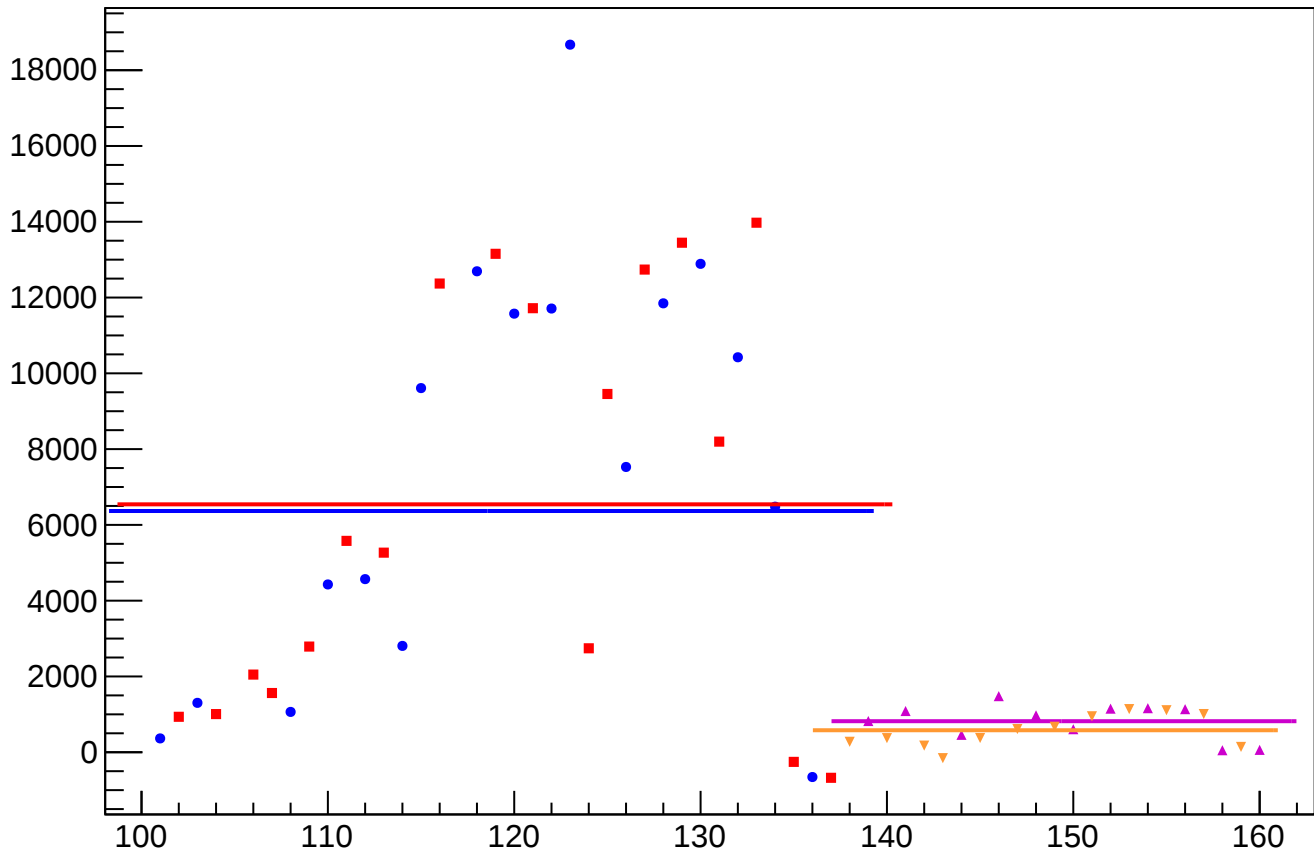
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

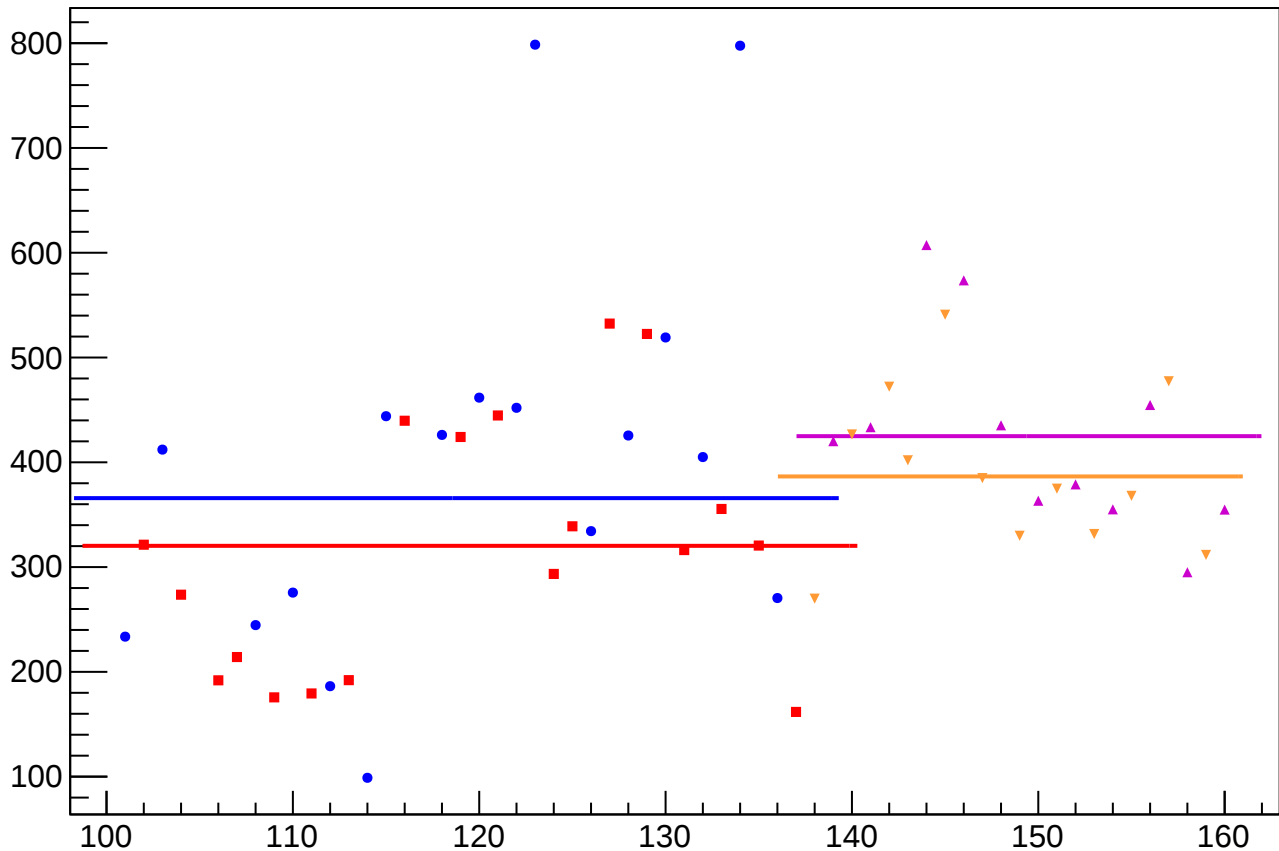
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_sam6_coil7_mean vs Slug



Right In: 6366.506+/-0.000 χ^2/NDF : 19013791293174950781662205946475975802880.0/16
 Left Out: 580.460+/-0.000 χ^2/NDF : 147049020633782369498744411617383940096.0/11
 Right Out: 6542.482+/-0.000 χ^2/NDF : 19769956838076333850932350219813545574400.0/17
 Left In: 819.110+/-0.000 χ^2/NDF : 183157286760955615902217096477246750720.0/10

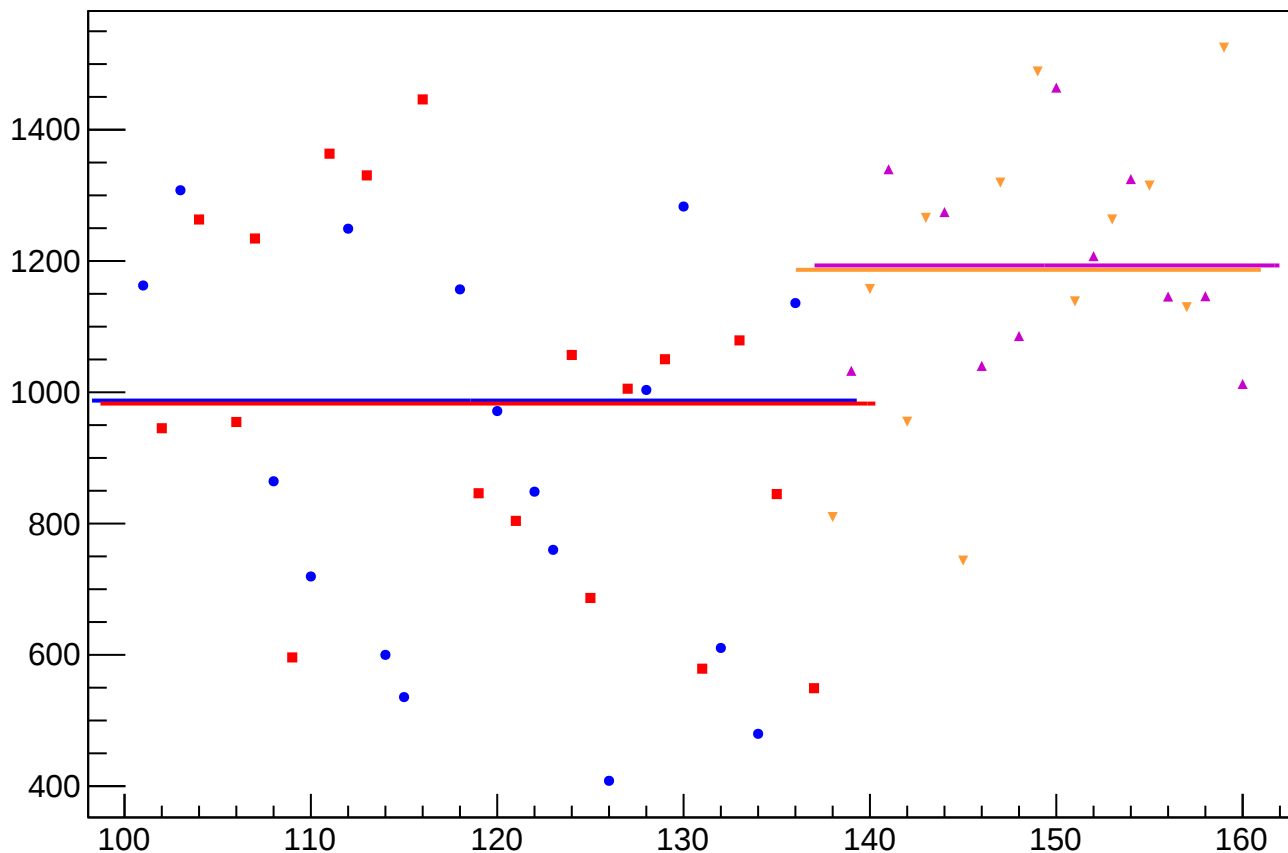
dit_sam6_coil7_err_mean vs Slug



Right In: 365.806+/-0.000	χ^2/NDF : 12360453443474503357525500563004850176.0/16
Left Out: 386.511+/-0.000	χ^2/NDF : 5027608774007269972306139885841940480.0/11
Right Out: 320.284+/-0.000	χ^2/NDF : 9463966273350706118112483440542613504.0/17
Left In: 424.949+/-0.000	χ^2/NDF : 7621452352927450037498346719559024640.0/10

+ sign 377.547+/-0.000 χ^2/NDF : 175567749803095
 All: 378.557+/-0.000 χ^2/NDF : 390798385710
 - sign 379.539+/-0.000 χ^2/NDF : 215198392928470

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 987.388+/-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

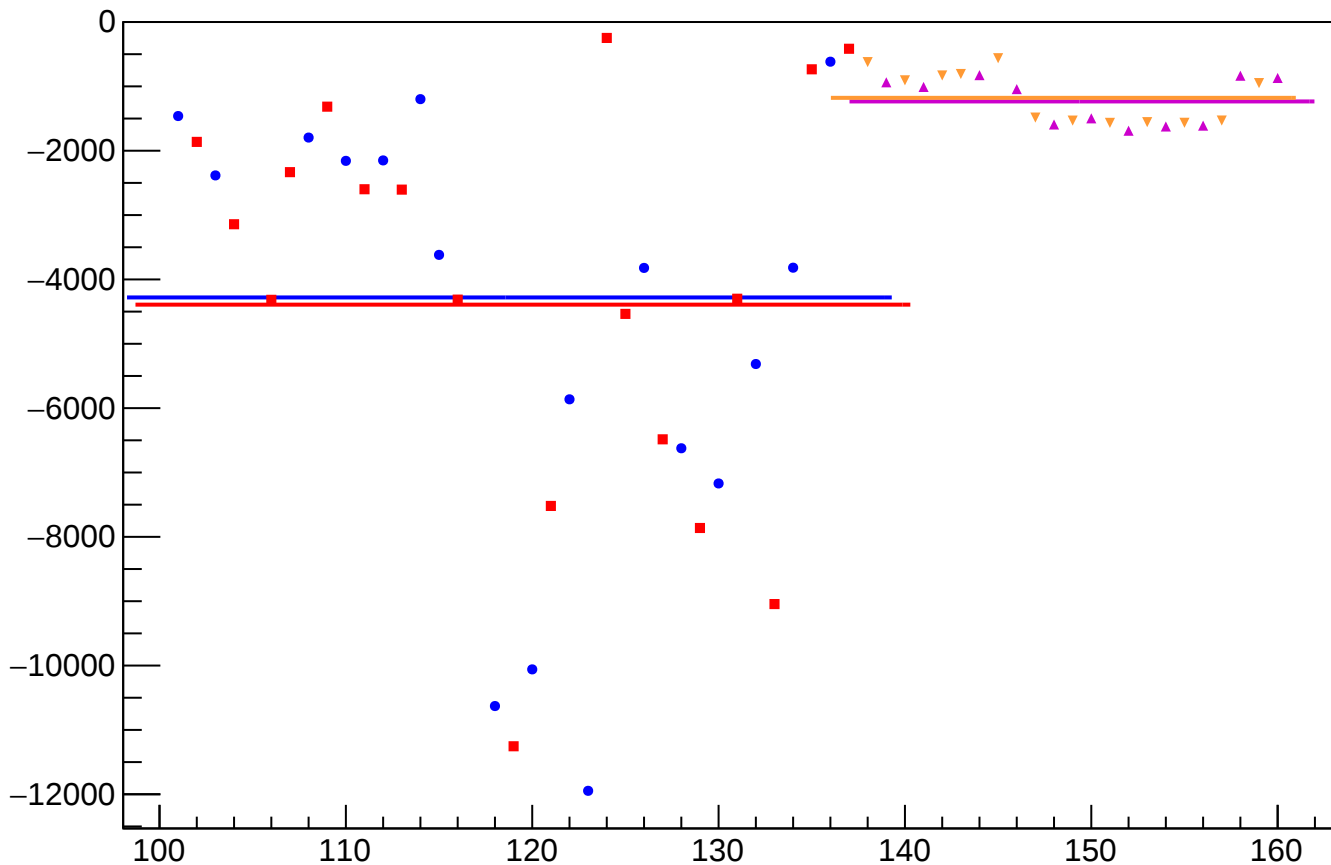
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

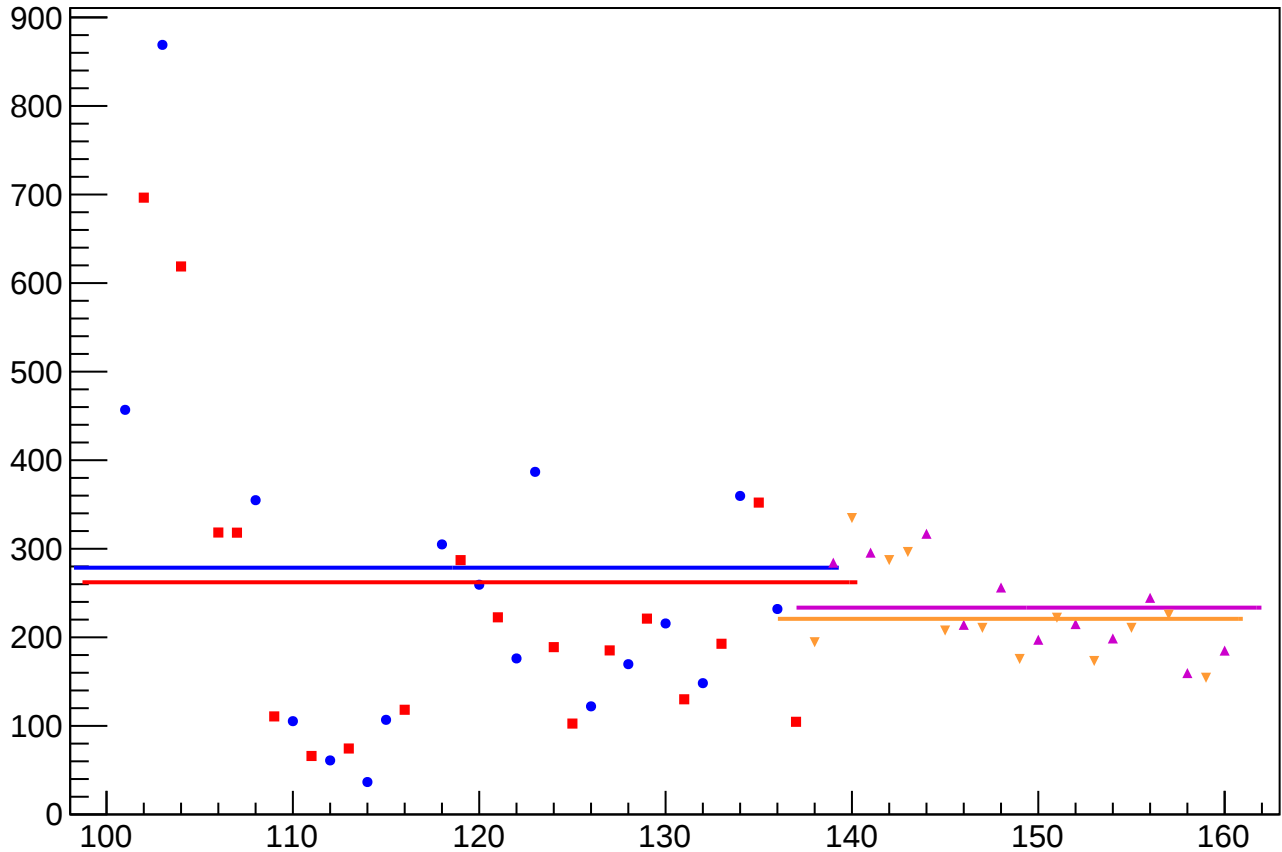
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

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

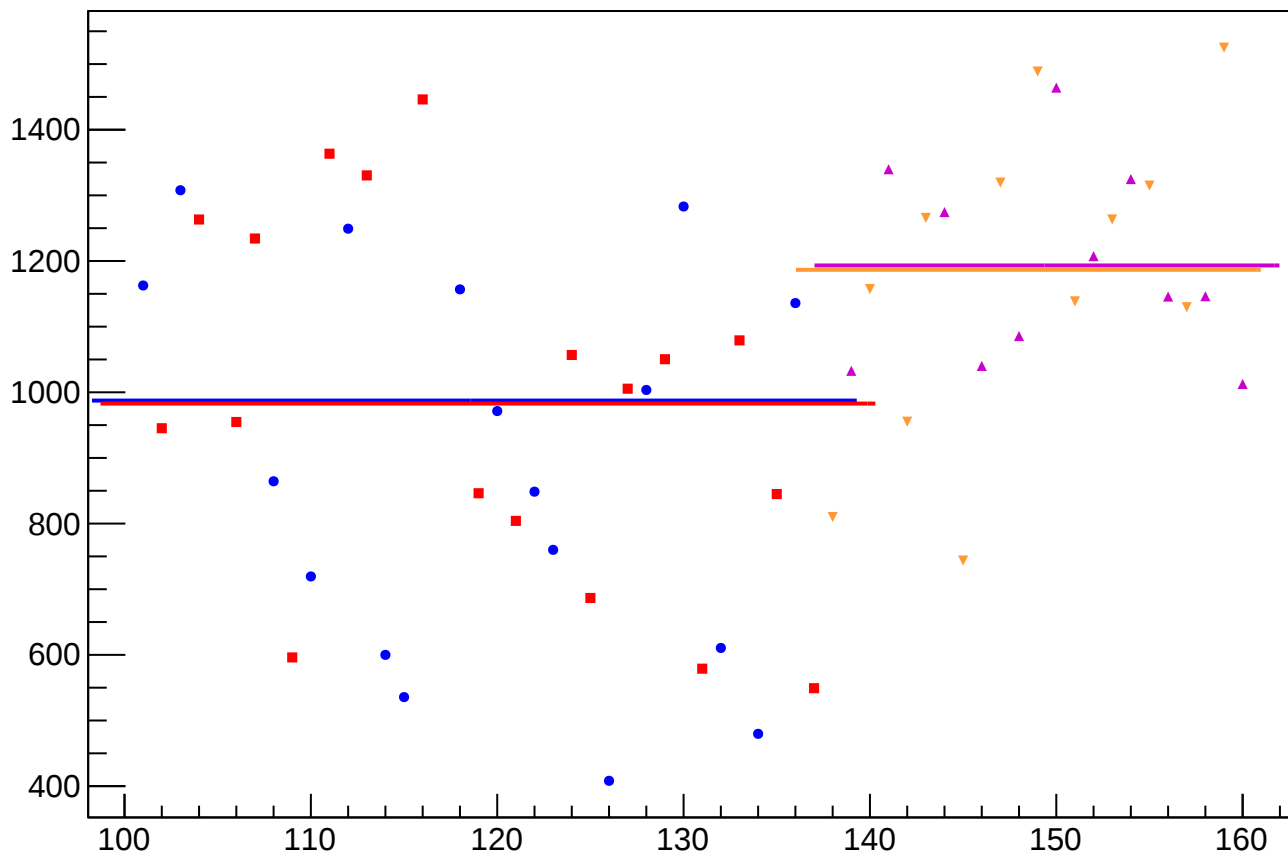
dit_sam7_coil7_err_mean vs Slug



Right In: 278.633+/-0.000	χ^2/NDF : 30524296265206738304048515708883042304.0/16
Left Out: 220.880+/-0.000	χ^2/NDF : 2451153402301458952205629704112177152.0/11
Right Out: 262.162+/-0.000	χ^2/NDF : 25748645086335087770789028222868652032.0/17
Left In: 233.520+/-0.000	χ^2/NDF : 2135124077253807192462629940293009408.0/10

+ sign 245.884+/-0.000 χ^2/NDF : 342880767821985
 All: 245.916+/-0.000 χ^2/NDF : 62503927780
 - sign 245.946+/-0.000 χ^2/NDF : 282158478141649

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

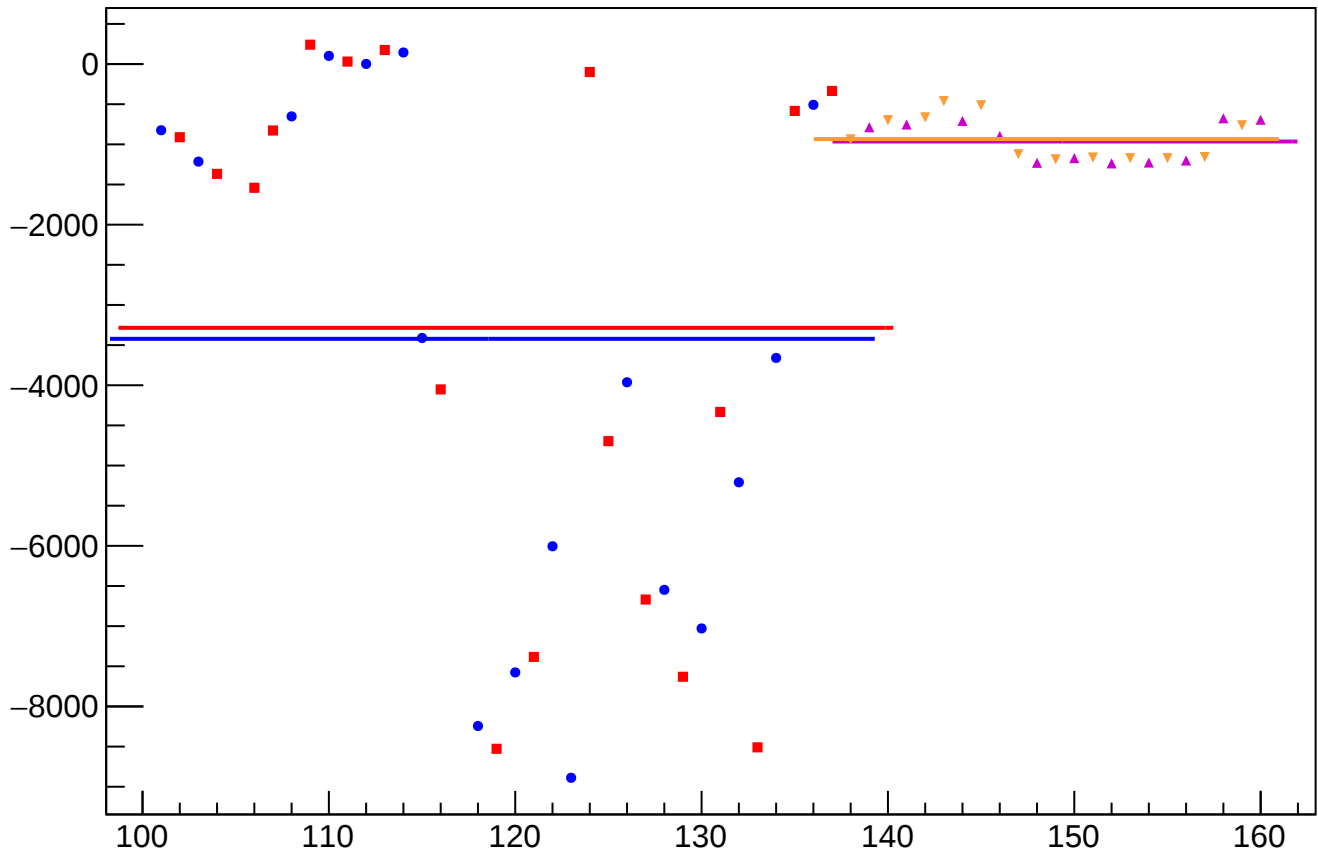
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam8_coil7_mean vs Slug



Right In: -3421.719+/-0.000 χ^2/NDF : 6462112736004972779572658363986020925440.0/16

Left Out: -933.972+/-0.000 χ^2/NDF : 64192639419401528934807333255243628544.0/11

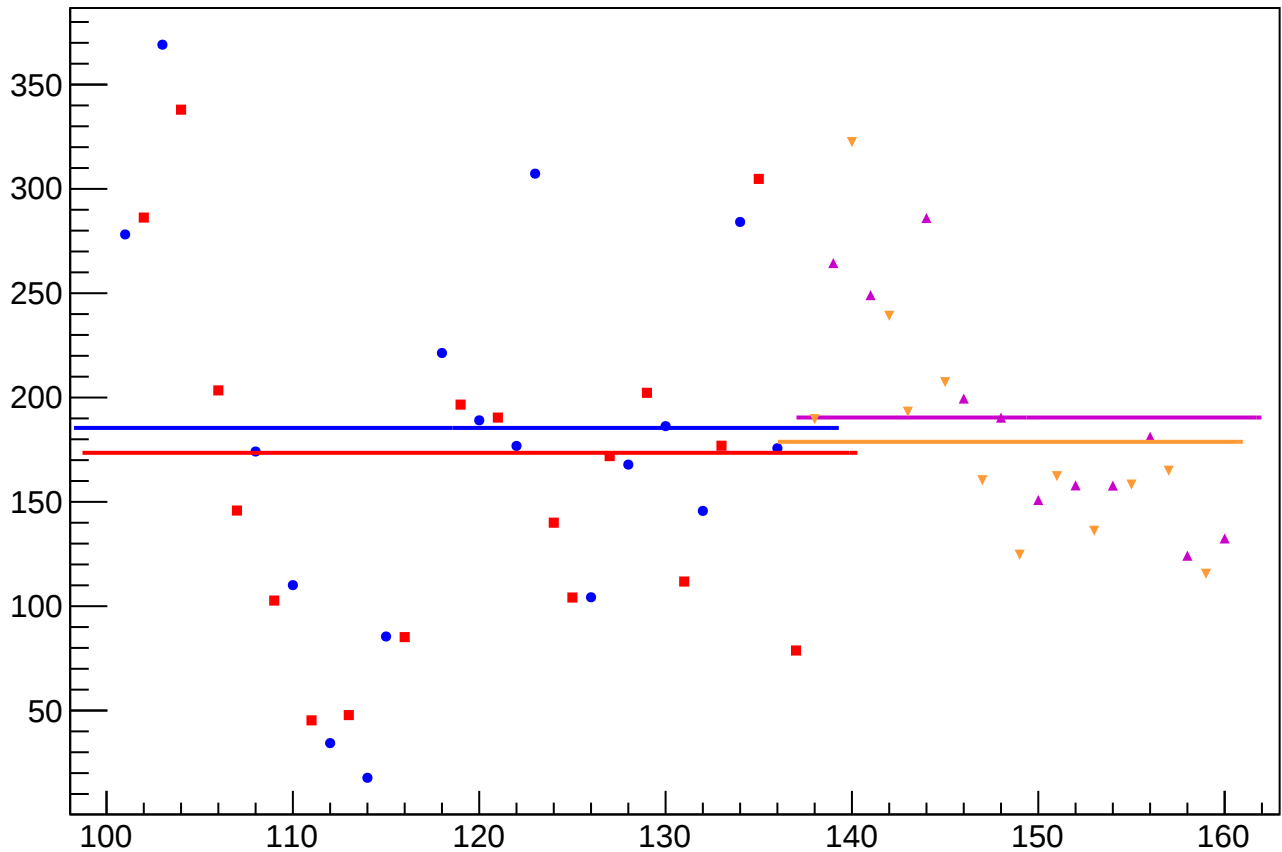
Right Out: -3284.376+/-0.000 χ^2/NDF : 7820854185595313728450757047863572692992.0/17

Left In: -964.532+/-0.000 χ^2/NDF : 52328346838047917935593162774962765824.0/10

All: -1990.738+/-0.000 χ^2/NDF : 1901481957

- sign -1971.018+/-0.000 χ^2/NDF : 10051634353720

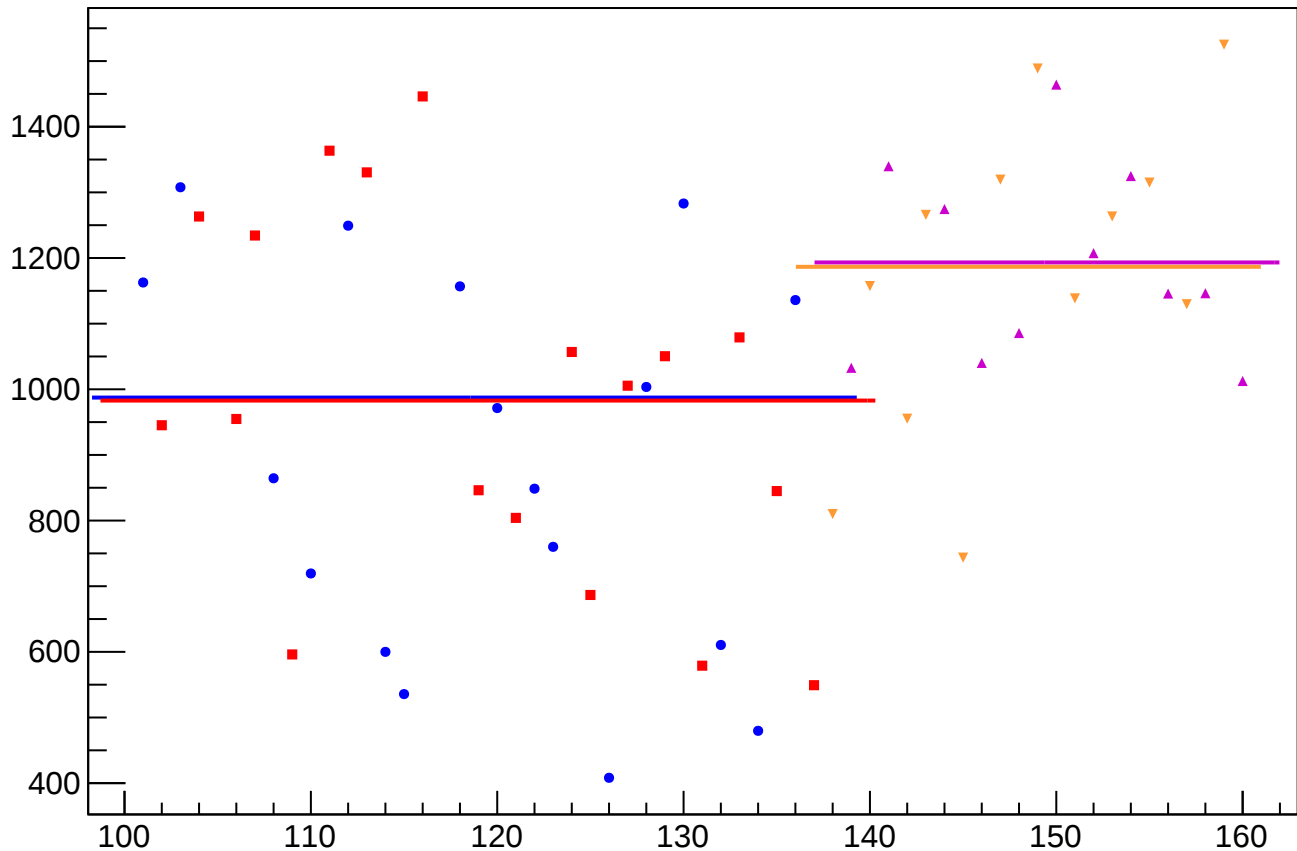
dit_sam8_coil7_err_mean vs Slug



Right In: 185.440+/-0.000	χ^2/NDF : 4992999881975997017558054599194050560.0/16
Left Out: 178.789+/-0.000	χ^2/NDF : 2761846974558217365203652056992186368.0/11
Right Out: 173.513+/-0.000	χ^2/NDF : 5476704825855084602521292305195859968.0/17
Left In: 190.431+/-0.000	χ^2/NDF : 2526907691148920878217594844913598464.0/10

+ sign 181.668+/-0.000 χ^2/NDF : 777225827840699
 All: 182.390+/-0.000 χ^2/NDF : 158933789592
 - sign 183.091+/-0.000 χ^2/NDF : 811947607892109

dit_sam8_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

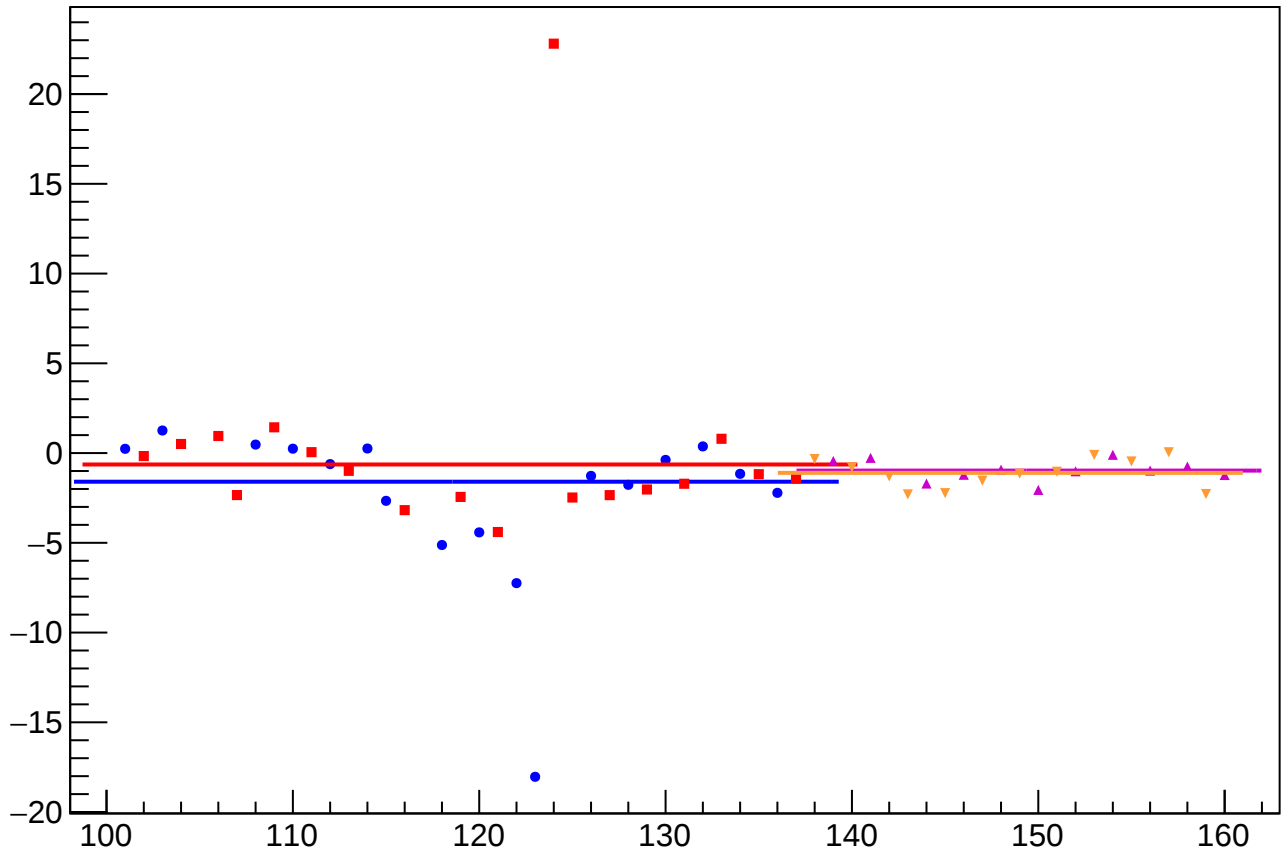
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

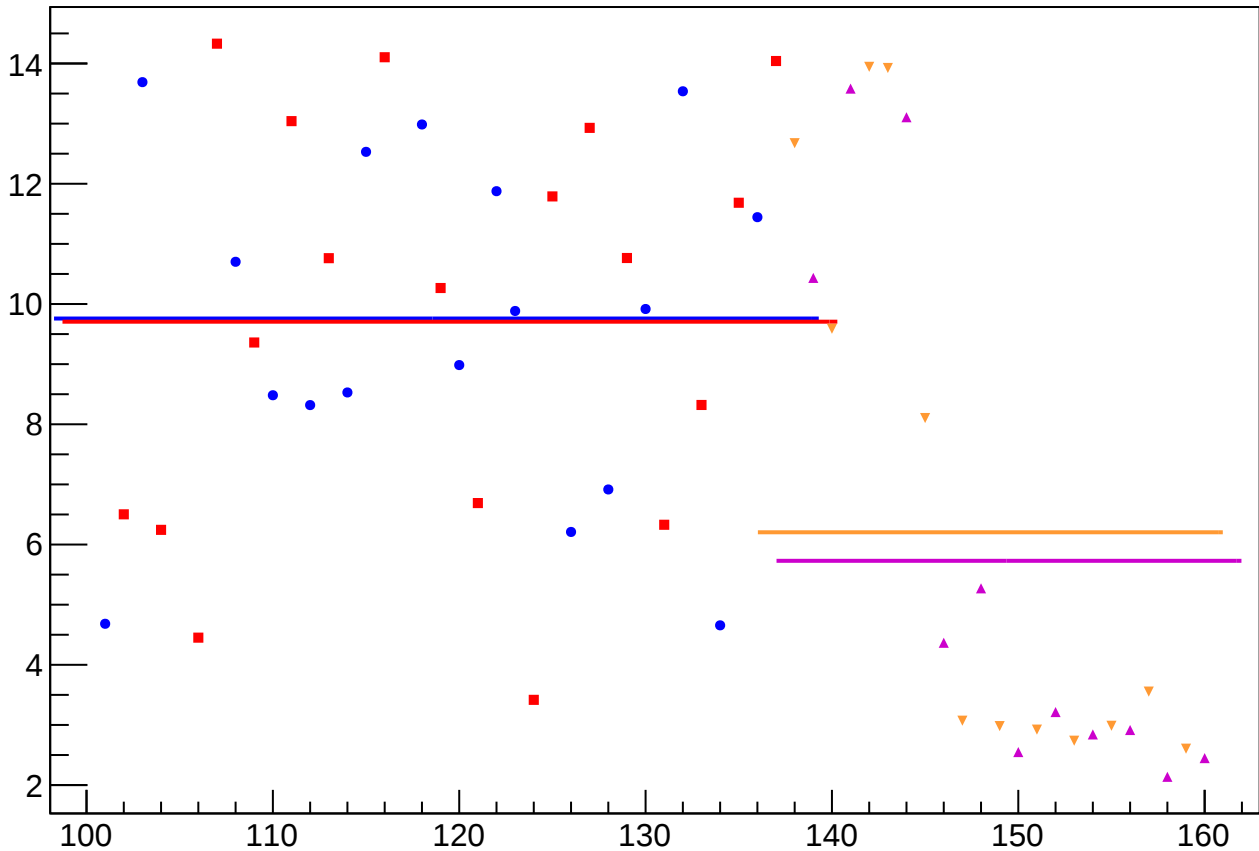
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_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

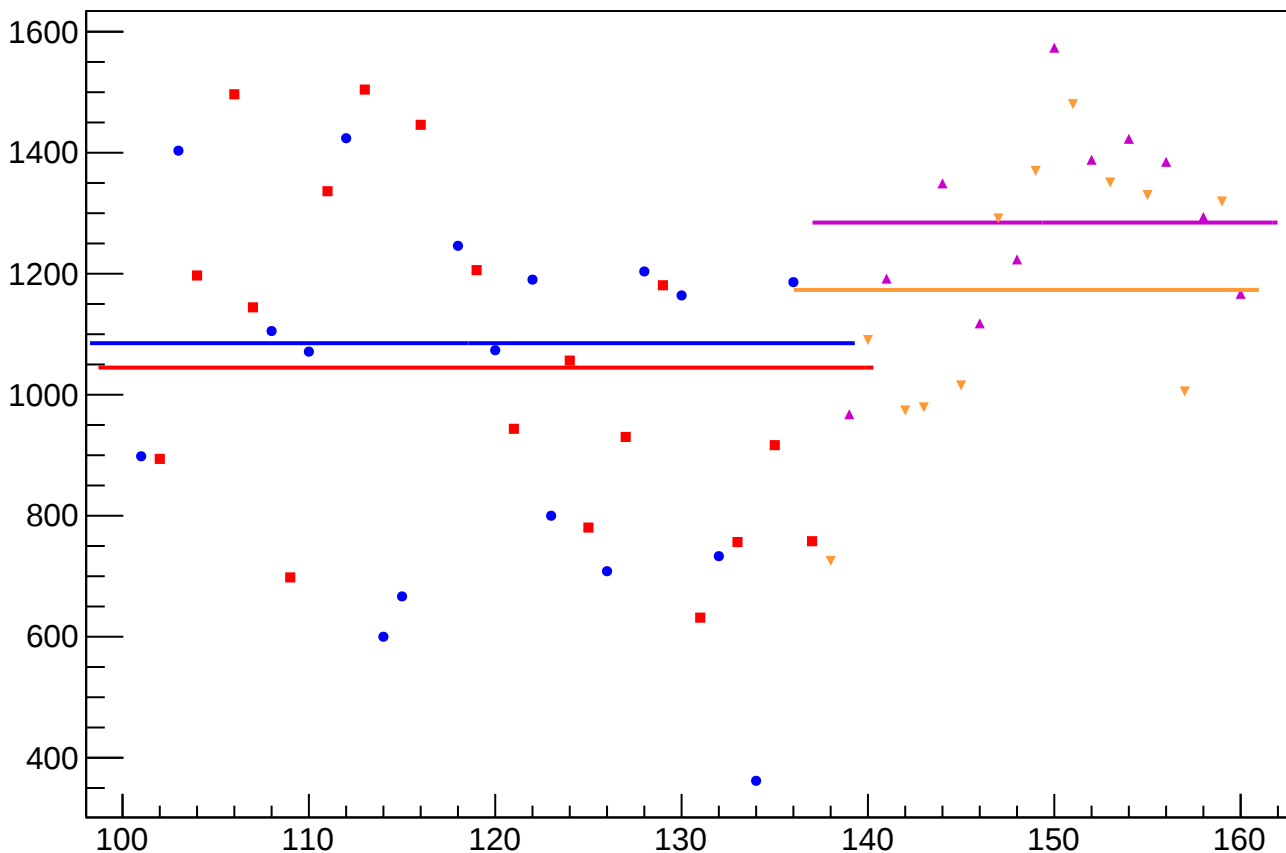
Left In: 5.730 $\pm$ 0.000 χ^2 /NDF: 16834211139985692030618150983696384.0/10

+ 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

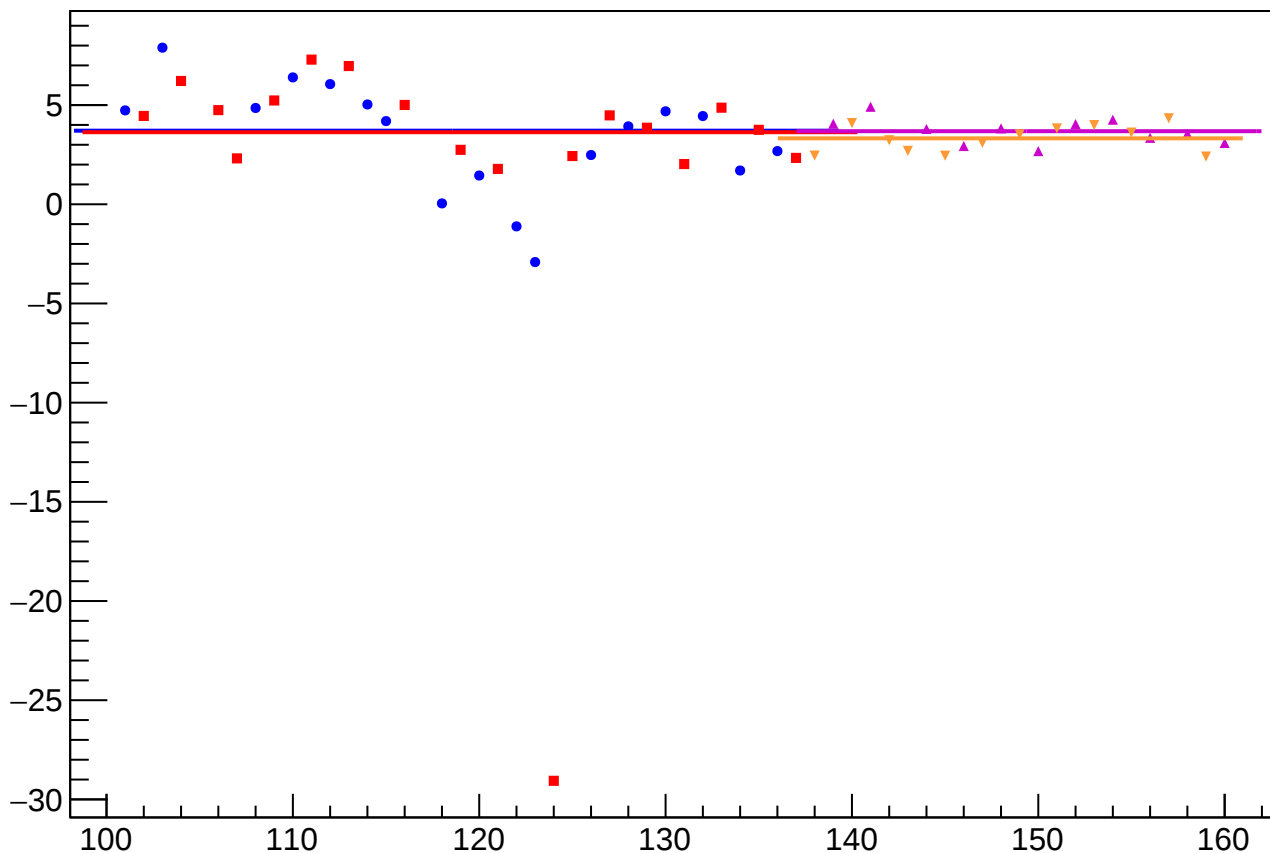
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_4eX_coil4_mean vs Slug



Right In: 3.709+/-0.000

χ^2/NDF : 4018102777172229540031969661812736.0/16

Left Out: 3.324+/-0.000

χ^2/NDF : 408662092507009780807820497649664.0/11

Right Out: 3.634+/-0.000

χ^2/NDF : 17179706396424887783373227094441984.0/17

Left In: 3.684+/-0.000

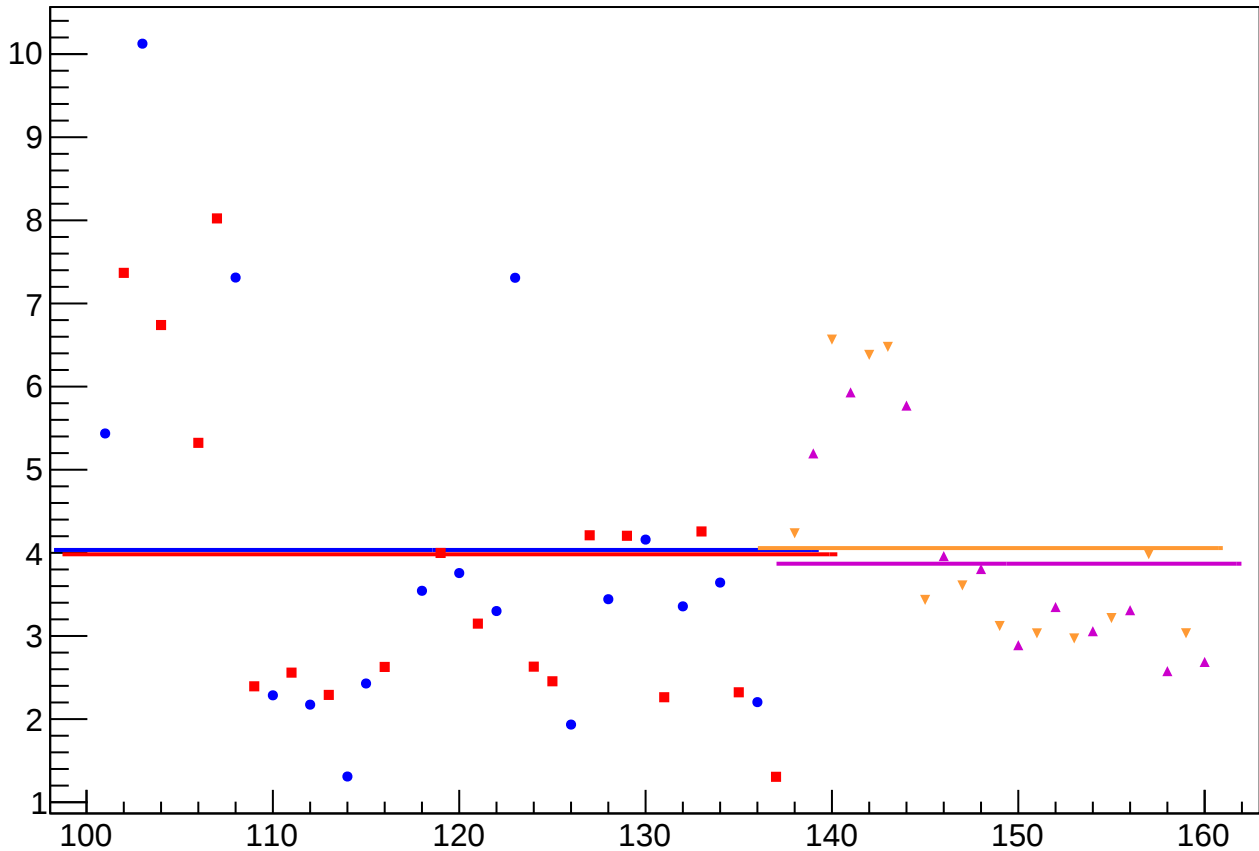
χ^2/NDF : 362171161596980472614323696435200.0/10

+ sign 3.491+/-0.000 χ^2/NDF : 44853380291629206

All: 3.578+/-0.000 χ^2/NDF : 22052203058922

- sign 3.662+/-0.000 χ^2/NDF : 17542924542966772

dit_4eX_coil4_err_mean vs Slug



Right In: 4.035 $\pm$ 0.000 χ^2 /NDF: 3710399284586297338090254185267200.0/16

Left Out: 4.057 $\pm$ 0.000 χ^2 /NDF: 1601757414873361873208521558851584.0/11

Right Out: 3.983 $\pm$ 0.000 χ^2 /NDF: 2613925353133608323825730446163968.0/17

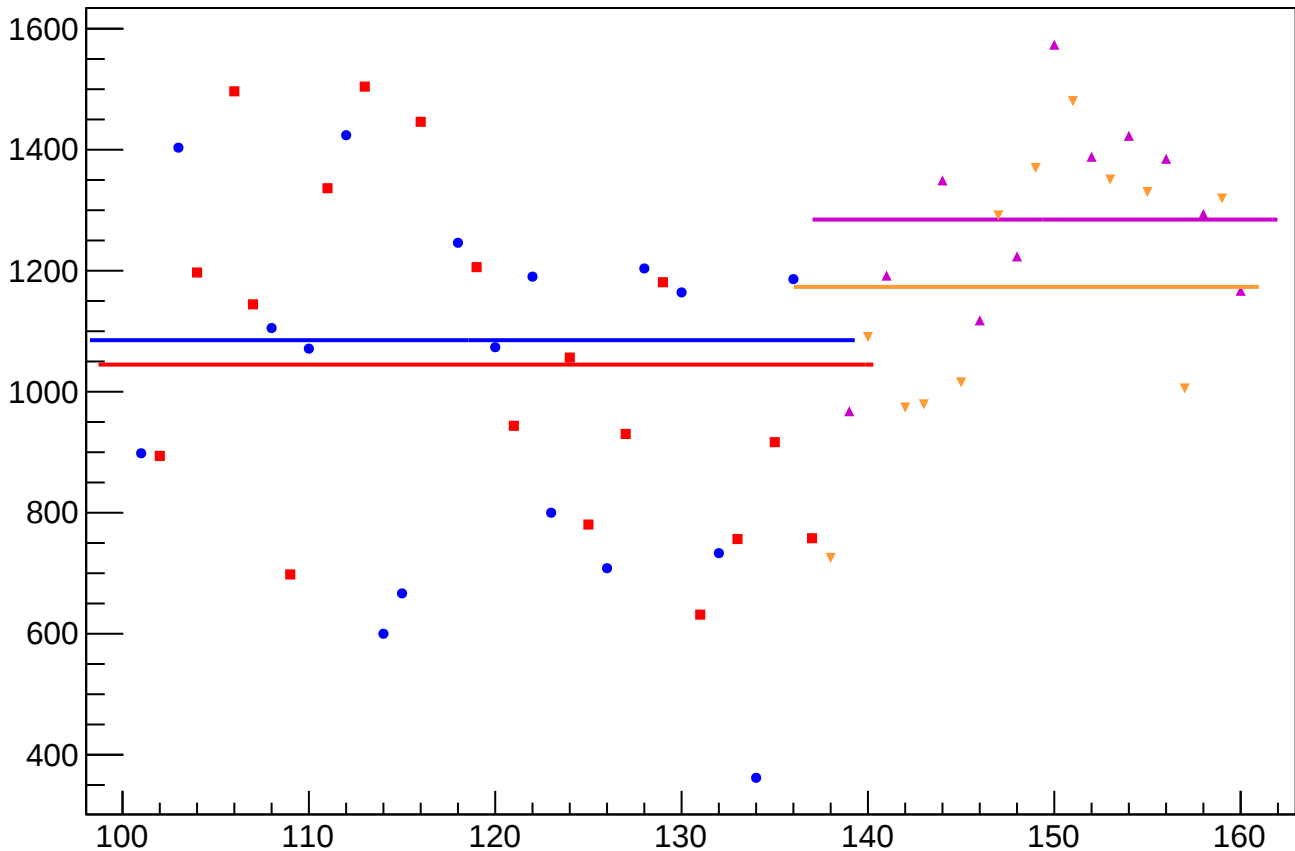
Left In: 3.869 $\pm$ 0.000 χ^2 /NDF: 1272750252042359099562227723665408.0/10

+ sign 4.048 $\pm$ 0.000 χ^2 /NDF: 53123551026790352

All: 3.982 $\pm$ 0.000 χ^2 /NDF: 92177767938919

- sign 3.918 $\pm$ 0.000 χ^2 /NDF: 38918655694068468

dit_4eX_coil4_Ndata_mean vs Slug



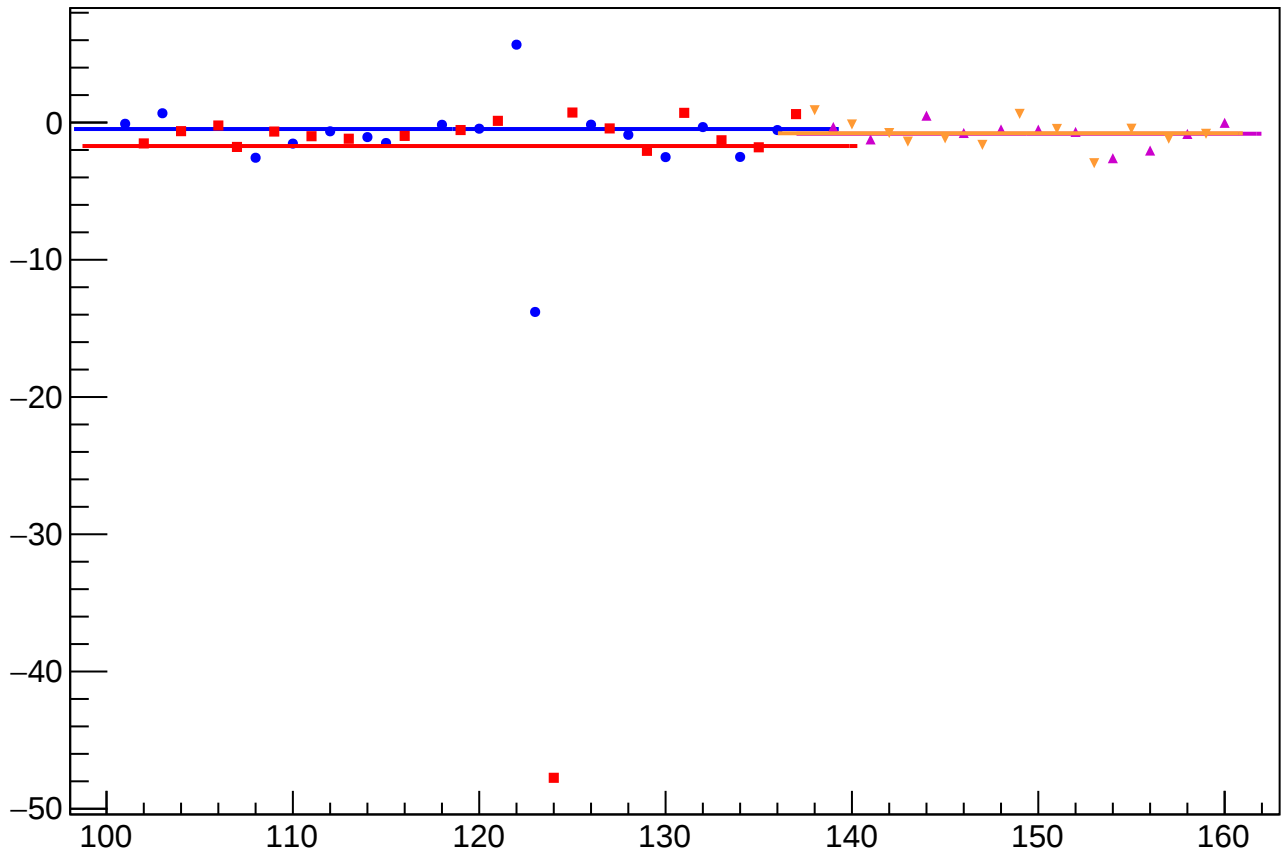
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

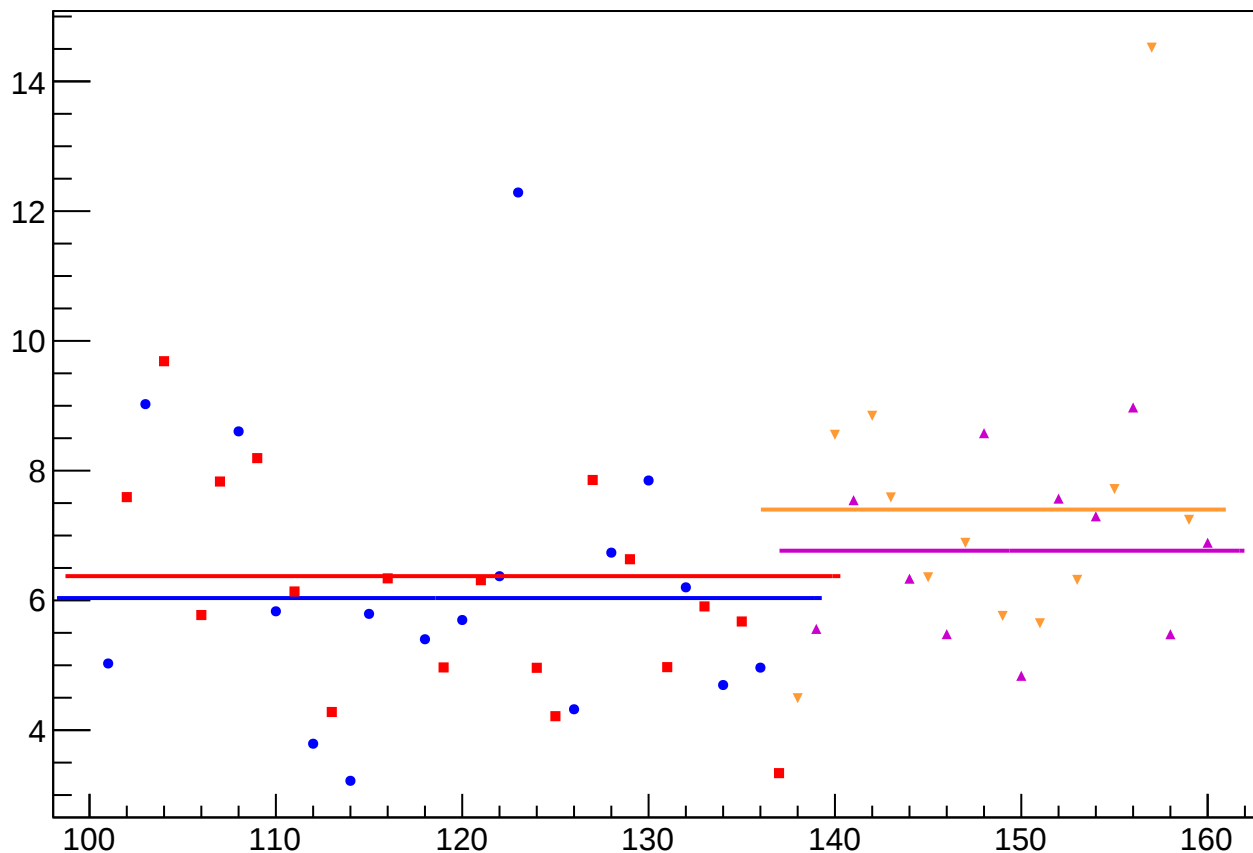
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

dit_11X12X_coil4_mean vs Slug



Right In: -0.473+/-0.000	χ^2/NDF : 2898613024888316123890745518063616.0/16	+ sign -0.649+/-0.000	χ^2/NDF : 3881544876846983
Left Out: -0.782+/-0.000	χ^2/NDF : 945280645994518900934494480498688.0/11	All: -0.931+/-0.000	χ^2/NDF : 3583661112386
Right Out: -1.712+/-0.000	χ^2/NDF : 30716645280339484063089556715470848.0/17	- sign -1.205+/-0.000	χ^2/NDF : 3170365417072797
Left In: -0.816+/-0.000	χ^2/NDF : 662056853644750883685234129240064.0/10		

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.036+/-0.000 χ^2/NDF : 1834282168572363767997793128415232.0/16

Left Out: 7.400+/-0.000 χ^2/NDF : 5295448681829047225809354325229568.0/11

Right Out: 6.374+/-0.000 χ^2/NDF : 1775962730889931898255737308053504.0/17

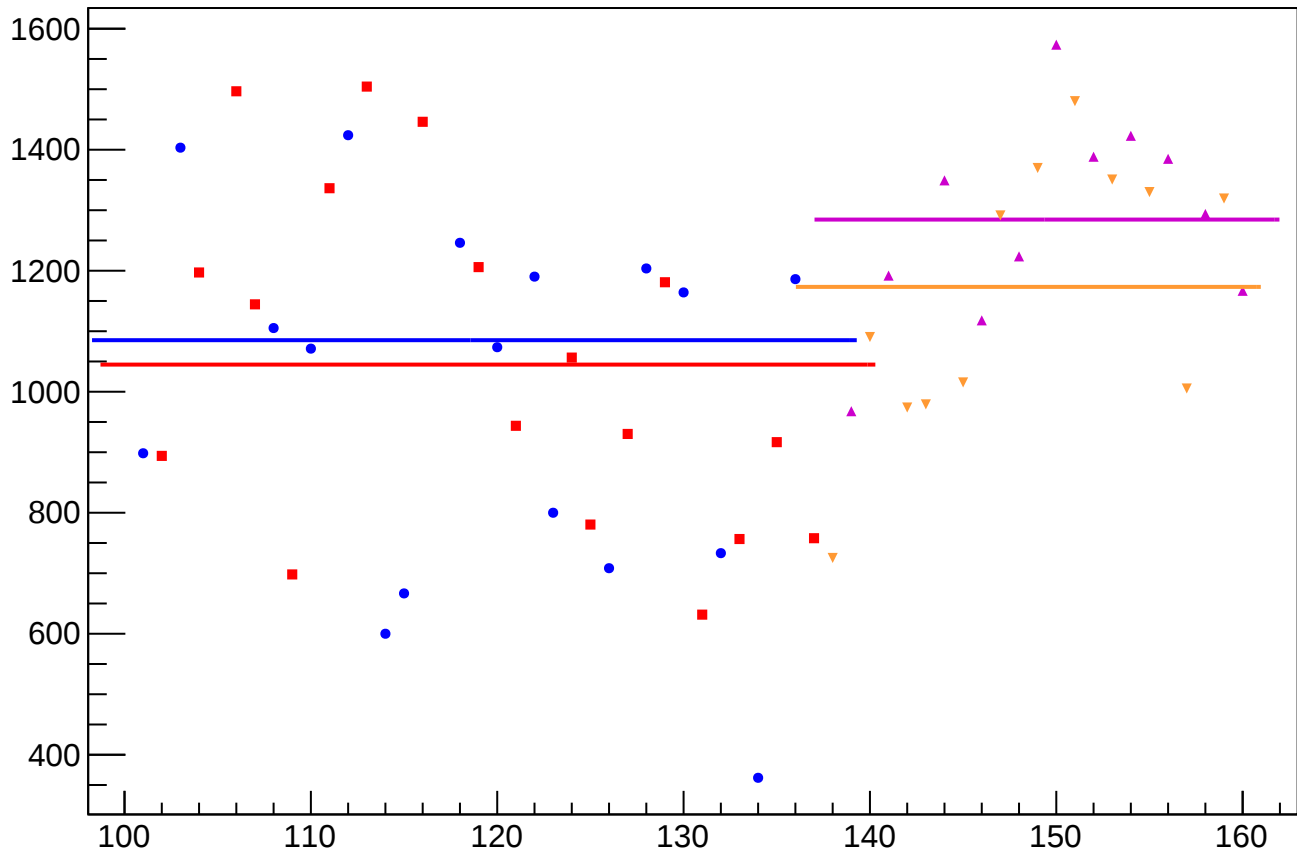
Left In: 6.766+/-0.000 χ^2/NDF : 1543455485673800968010090913202176.0/10

+ sign 6.810+/-0.000 χ^2/NDF : 78618296206009231

All: 6.701+/-0.000 χ^2/NDF : 11280547692458

- 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

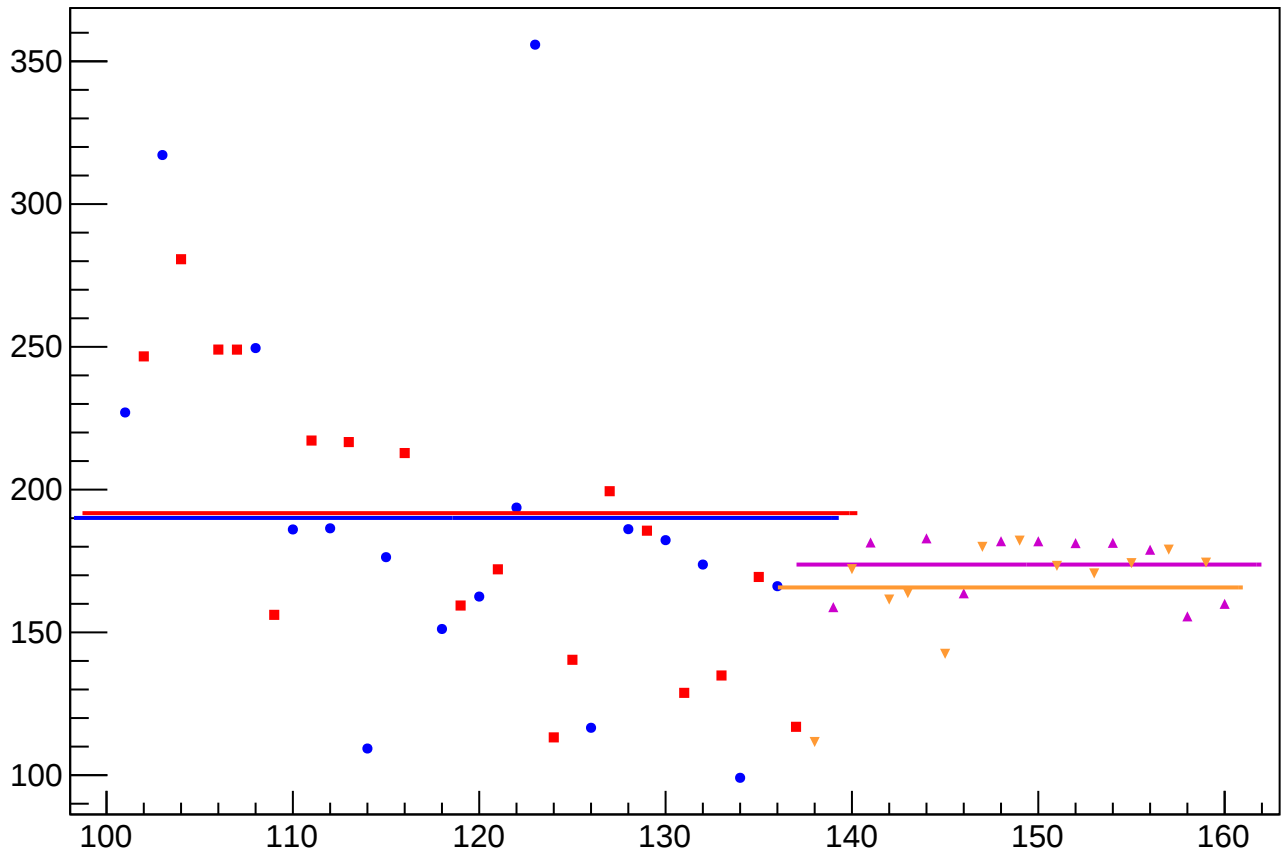
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ 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



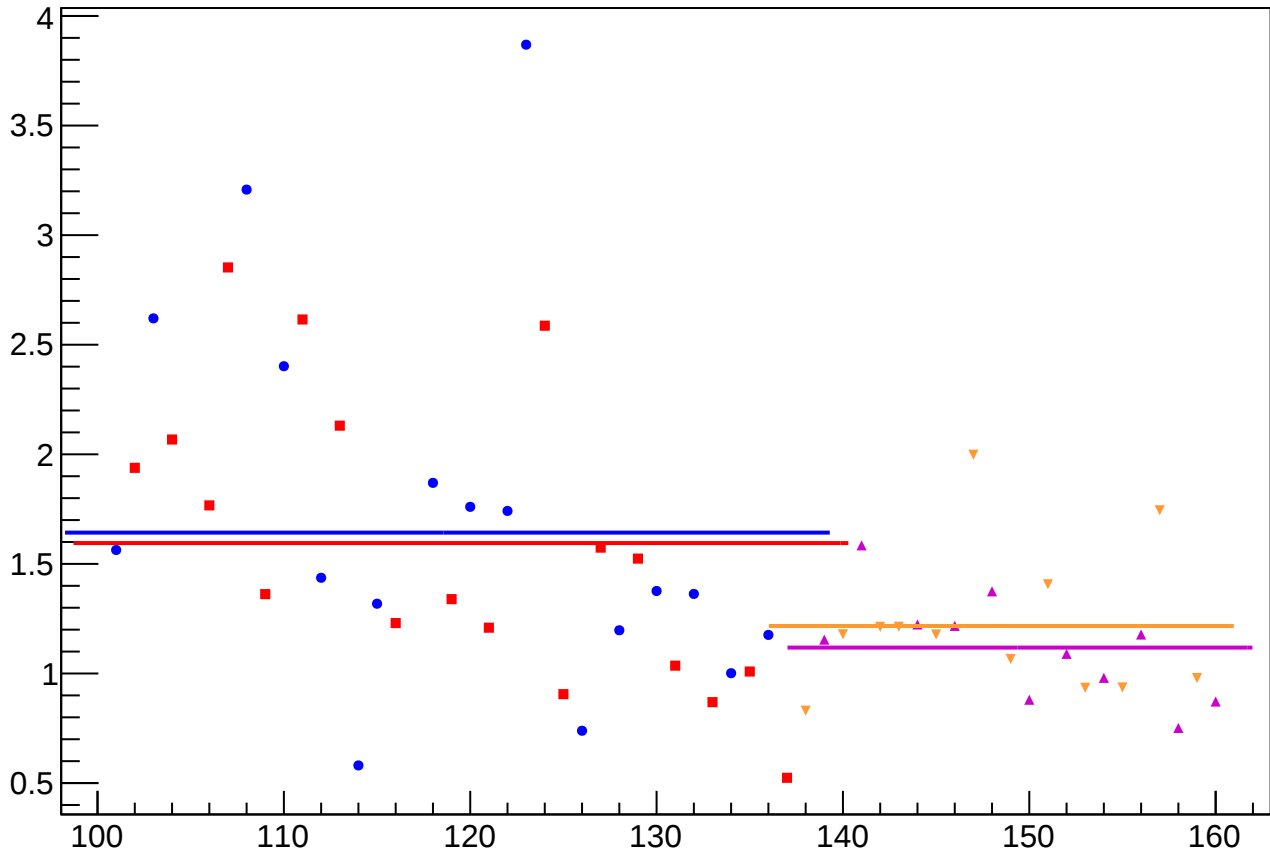
Right In: 190.085+/-0.000 χ^2/NDF : 1925698803891151227234396073587900416.0/16

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



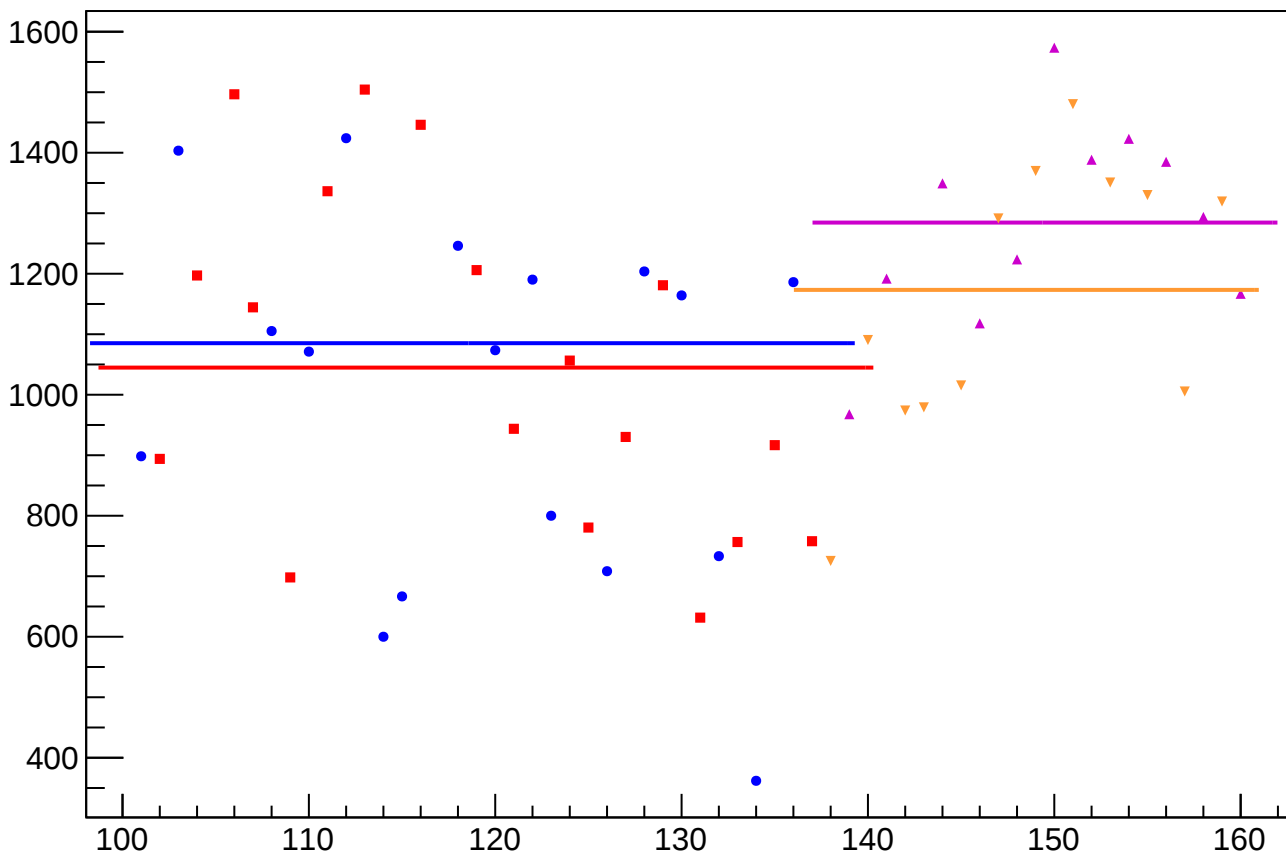
Right In: 1.643+/-0.000 χ^2/NDF : 289253300871261454870716449030144.0/16

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



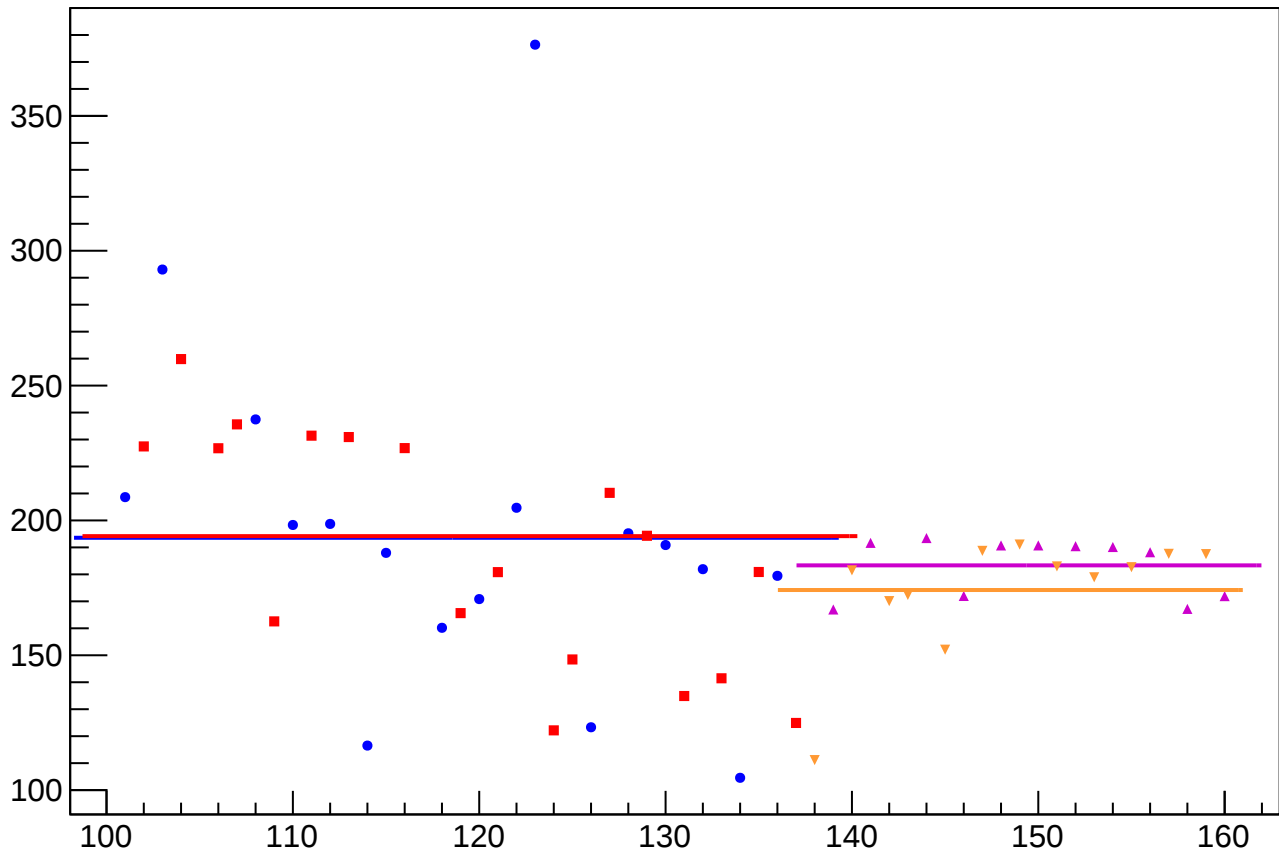
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

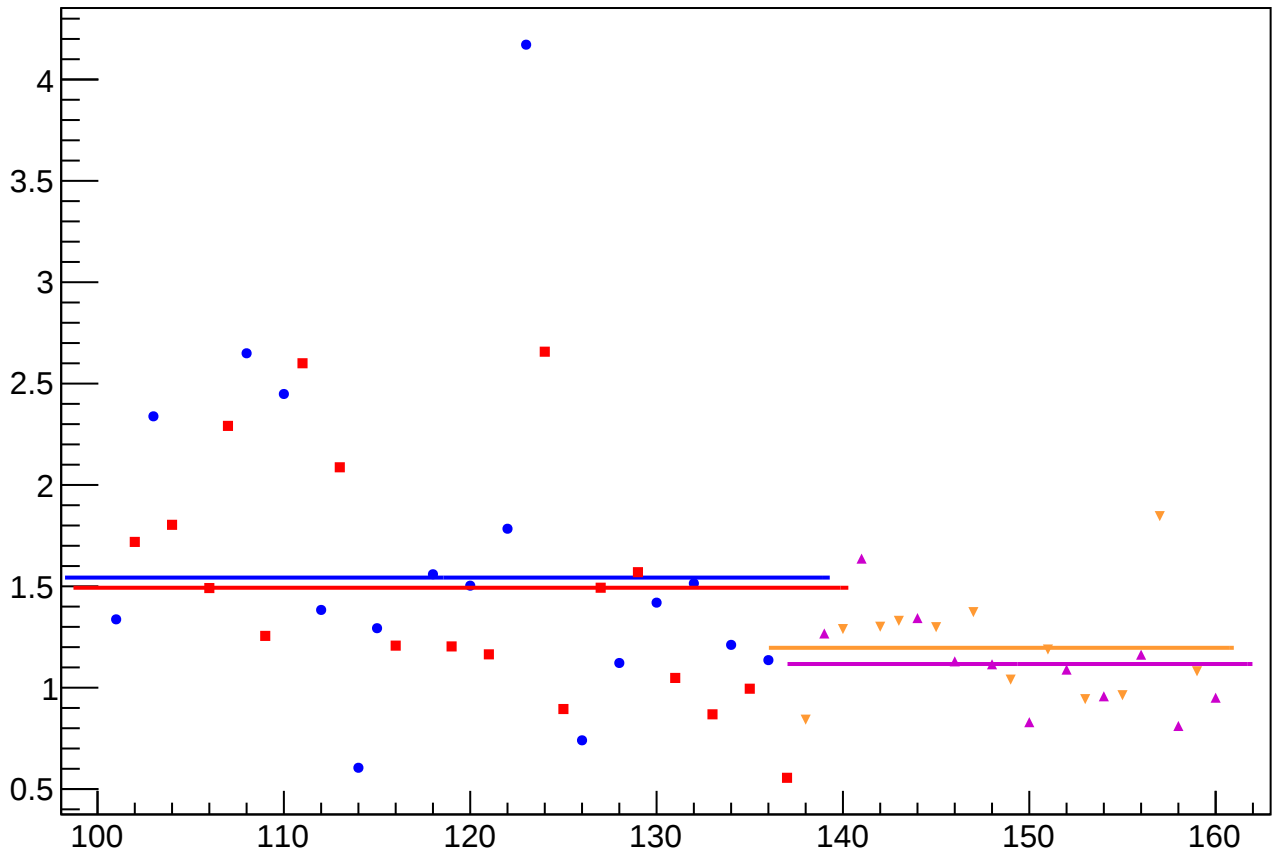
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

dit_4eY_coil4_mean vs Slug



Right In: 193.573 $\pm$ 0.000 χ^2 /NDF: 1351064334288465855493252395600707584.0/16
 Left Out: 174.198 $\pm$ 0.000 χ^2 /NDF: 435157803959110752164132199015120896.0/11
 Right Out: 194.177 $\pm$ 0.000 χ^2 /NDF: 1137351144016205804609551236362928128.0/17
 Left In: 183.338 $\pm$ 0.000 χ^2 /NDF: 99283390921198074748427132624437248.0/10

dit_4eY_coil4_err_mean vs Slug



Right In: 1.543 ± 0.000 χ^2/NDF : 211470615756148398389395258867712.0/16

Left Out: 1.197 ± 0.000 χ^2/NDF : 59586654303702490446710865657856.0/11

Right Out: 1.493 ± 0.000 χ^2/NDF : 198853919603996729553220305682432.0/17

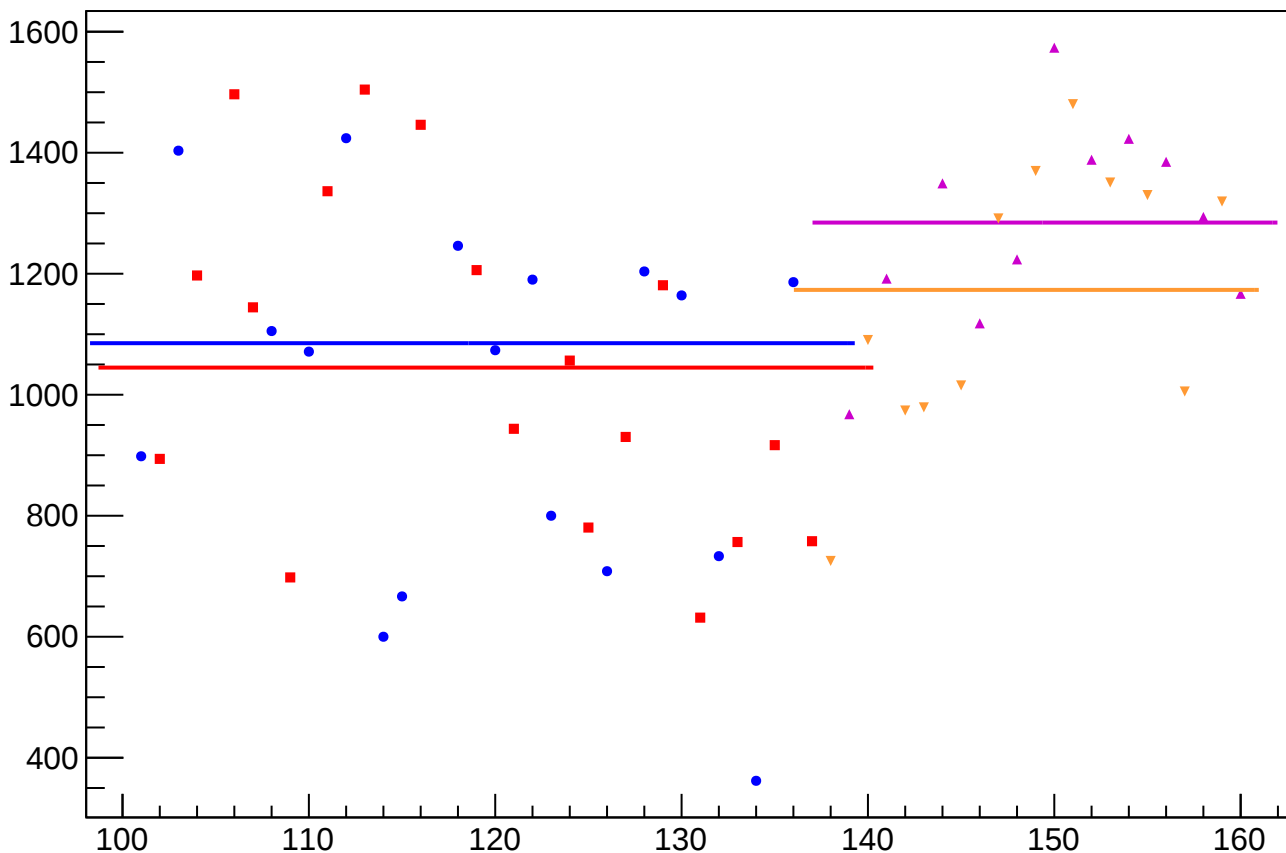
Left In: 1.117 ± 0.000 χ^2/NDF : 49235563214758682247299927638016.0/10

All: 1.313 ± 0.000 χ^2/NDF : 62725316120640

+ sign 1.347 ± 0.000 χ^2/NDF : 31826840935041259

- sign 1.280 ± 0.000 χ^2/NDF : 30537443722409663

dit_4eY_coil4_Ndata_mean vs Slug



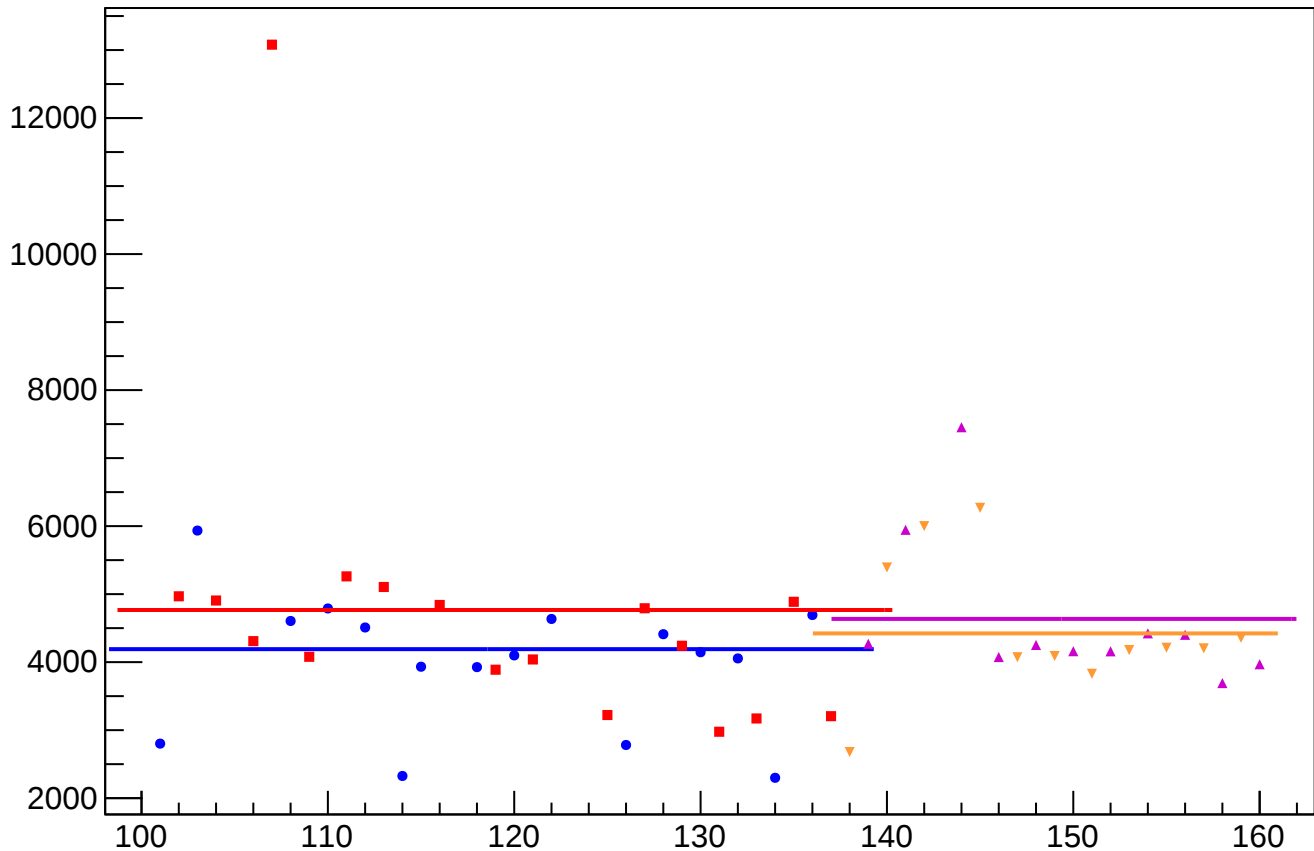
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

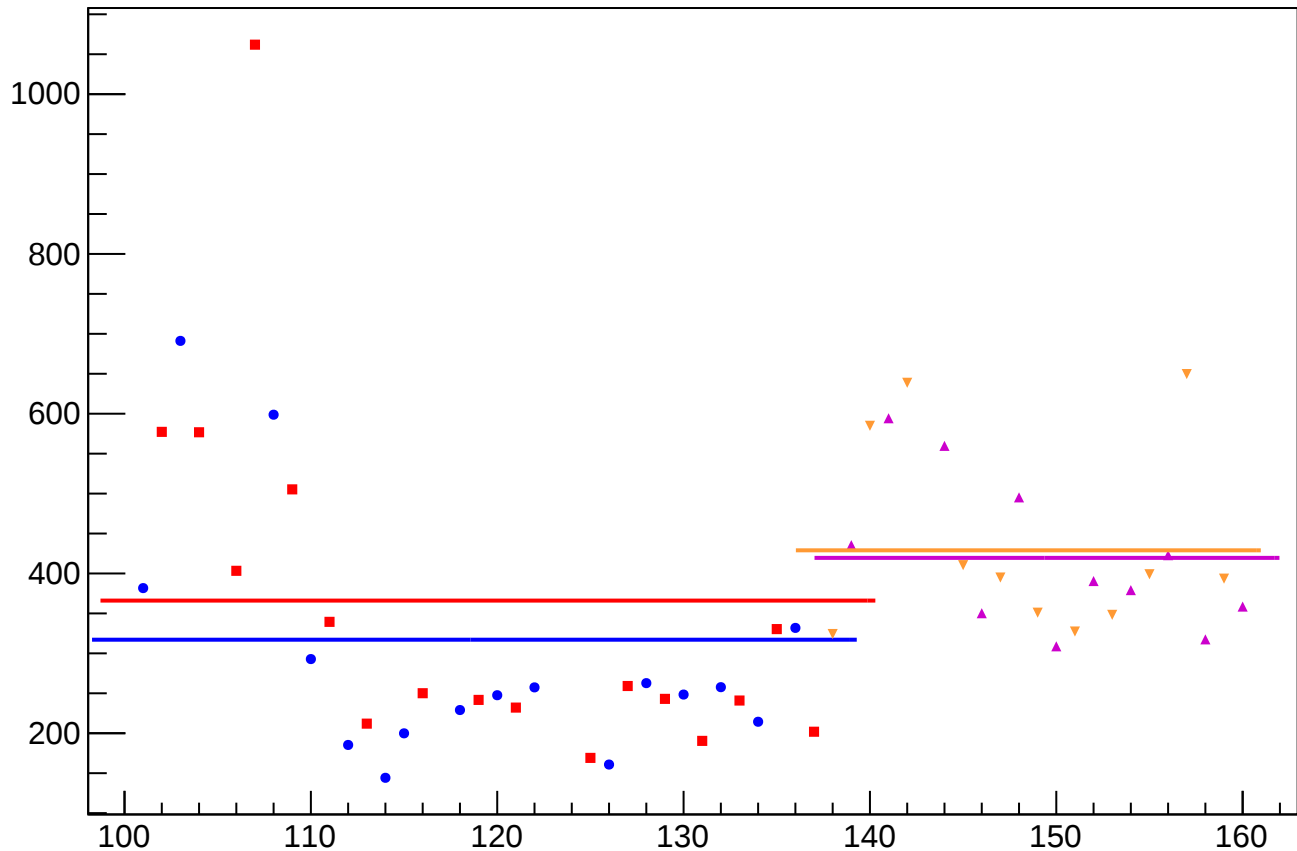
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

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

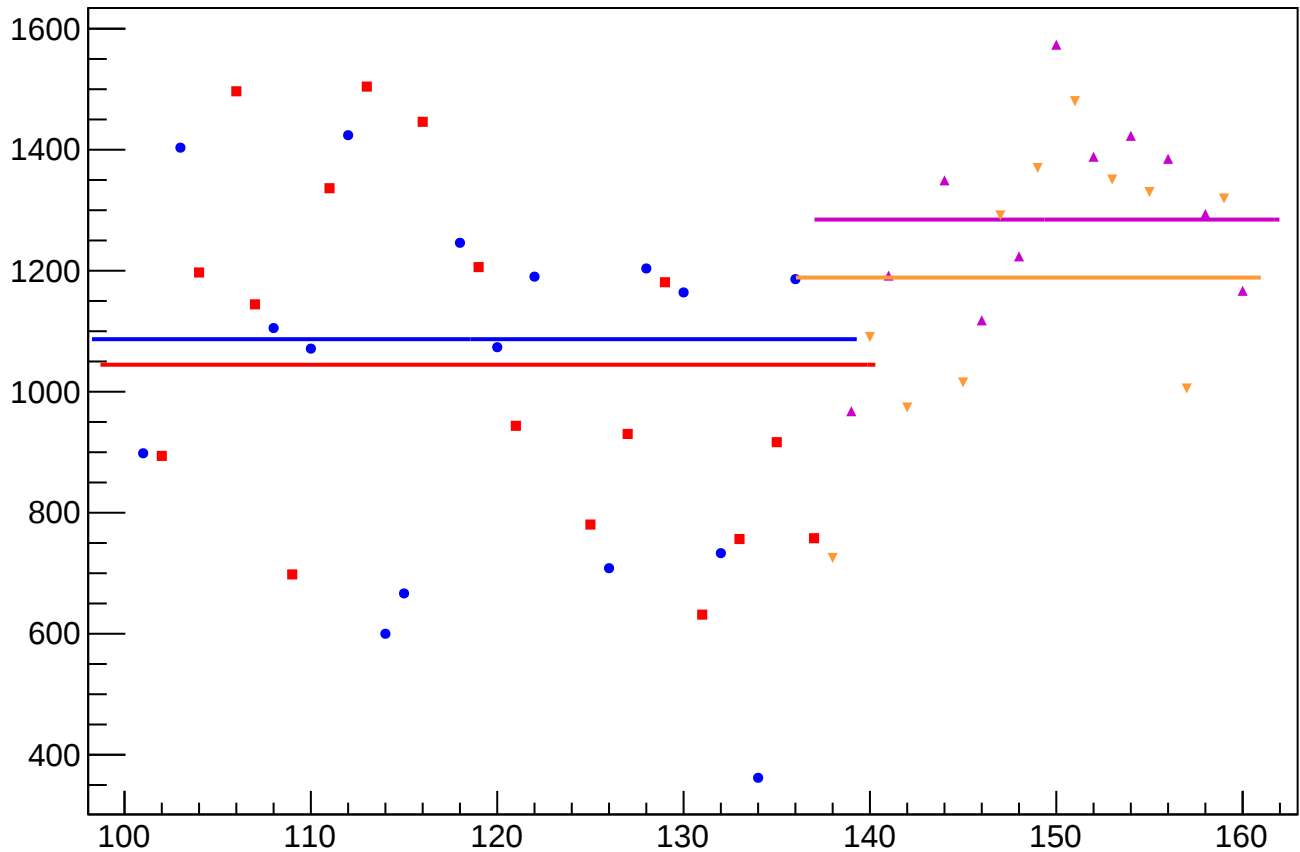
Left In: 419.525+/-0.000 χ^2/NDF : 7733869691626146763225313004956418048.0/10

+ sign 378.582+/-0.000 χ^2/NDF : 308148239260214

All: 387.873+/-0.000 χ^2/NDF : 711073608373

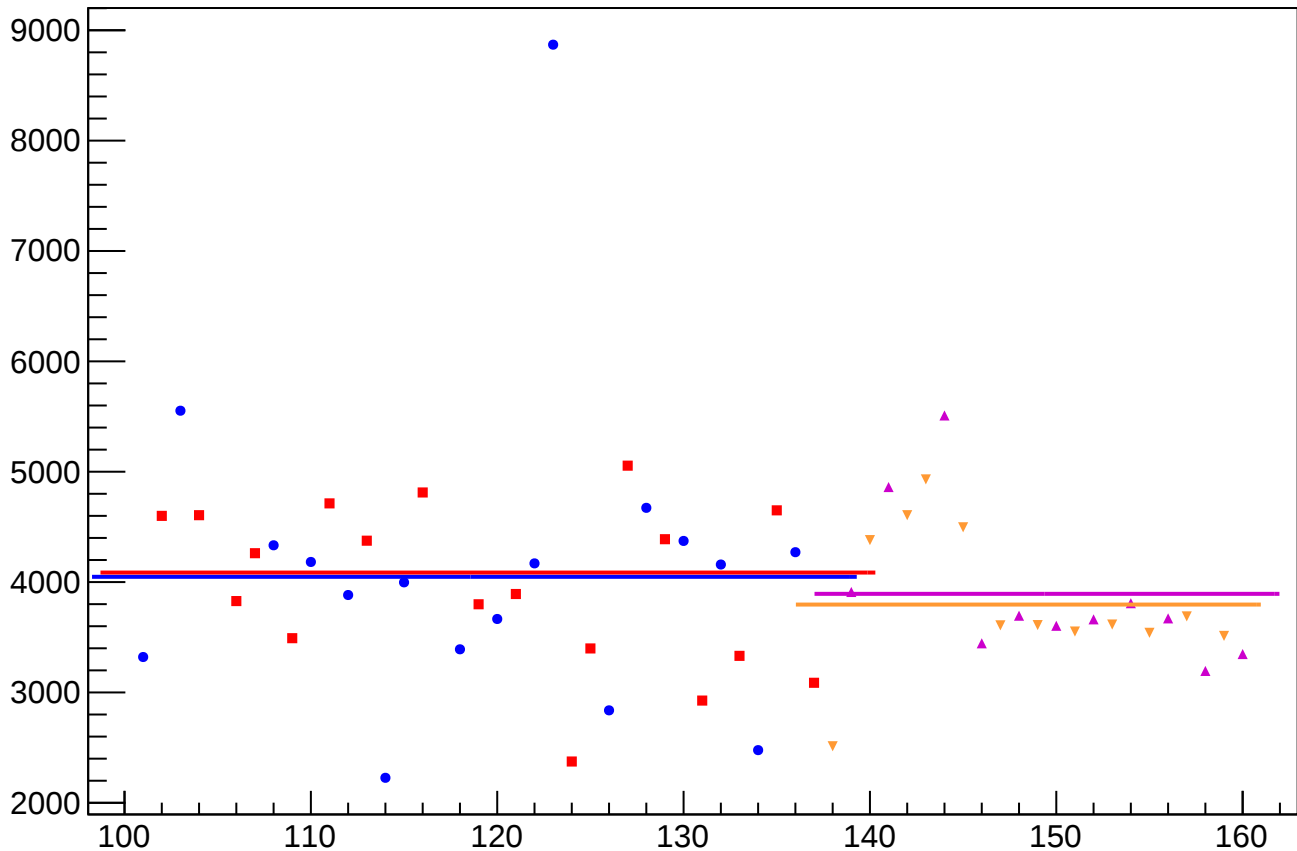
- sign 396.585+/-0.000 χ^2/NDF : 400362792216568

dit_usl_coil4_Ndata_mean vs Slug



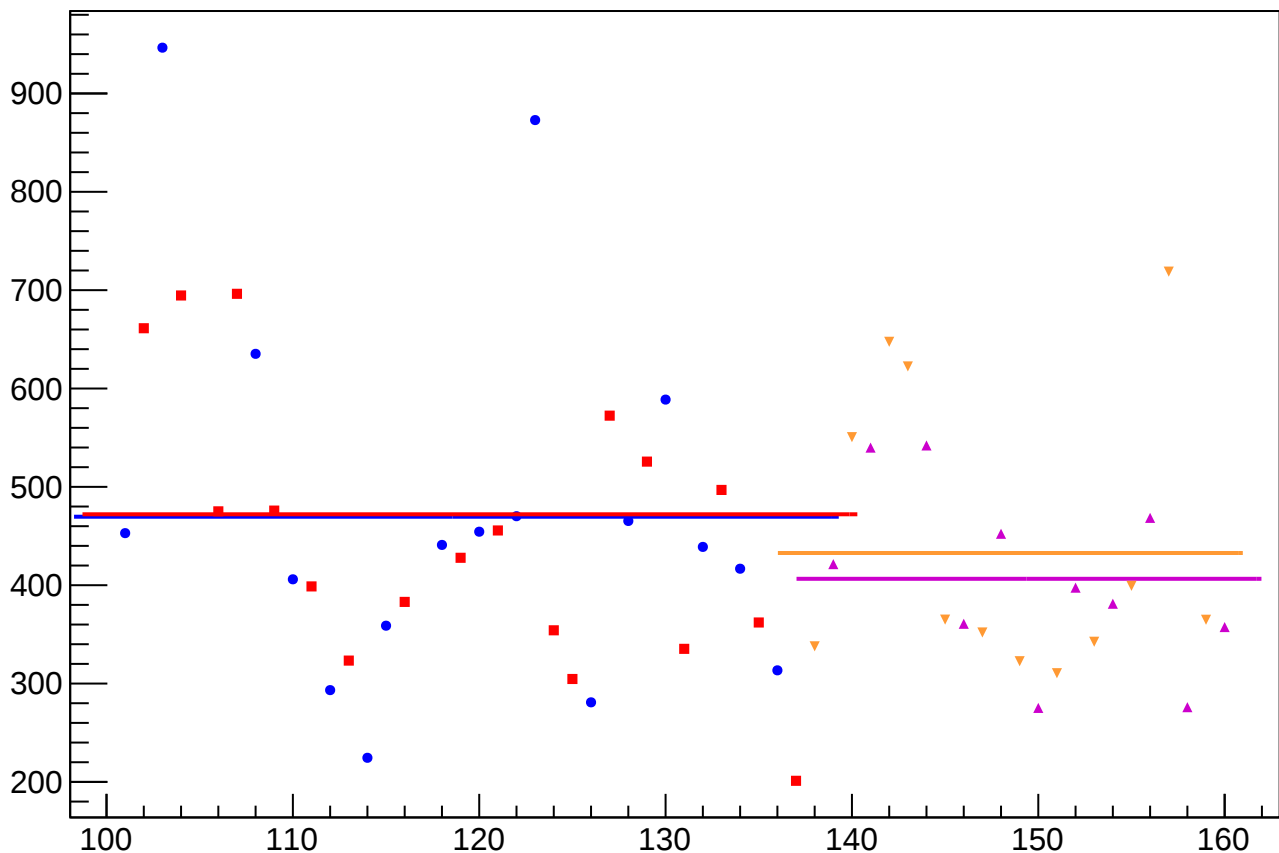
Right In: 1086.839 $\pm$ 0.000 χ^2 /NDF: 44275849492978077110615226297834536960.0/15
 Left Out: 1188.739 $\pm$ 0.000 χ^2 /NDF: 39812899139477527607362290262896279552.0/10
 Right Out: 1044.621 $\pm$ 0.000 χ^2 /NDF: 50844042601115178022623217176499191808.0/16
 Left In: 1284.540 $\pm$ 0.000 χ^2 /NDF: 24056417049221053484728394918859374592.0/10

dit_usr_coil4_mean vs Slug



Right In: 4047.777+/-0.000	χ^2/NDF : 474277601546286209707812771687018004480.0/16	+ sign 3905.138+/-0.000	χ^2/NDF : 83586600746816
Left Out: 3796.236+/-0.000	χ^2/NDF : 336687829589722132467600550527009554432.0/11	All: 3941.626+/-0.000	χ^2/NDF : 15702850236
Right Out: 4086.316+/-0.000	χ^2/NDF : 301982700213825275137563978140215148544.0/17	- sign 3977.118+/-0.000	χ^2/NDF : 73020883033929
Left In: 3893.435+/-0.000	χ^2/NDF : 413166584185760487956391730192104554496.0/10		

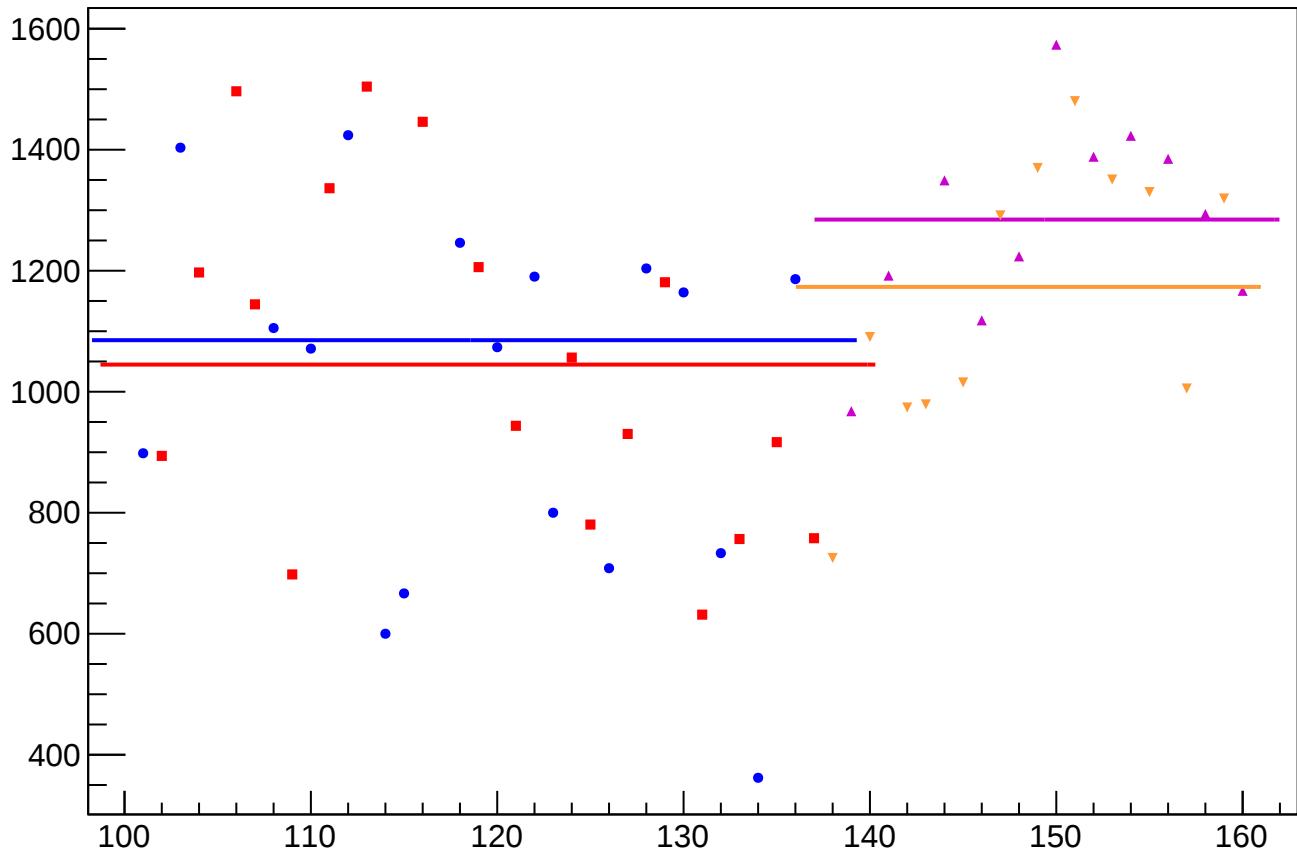
dit_usr_coil4_err_mean vs Slug



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 : 393504625482800.0/11
 All: 441.754+/-0.000 χ^2/NDF : 606808538703.0/11
 - sign 434.974+/-0.000 χ^2/NDF : 211767373509698.0/11

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1085.186 +/- 0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

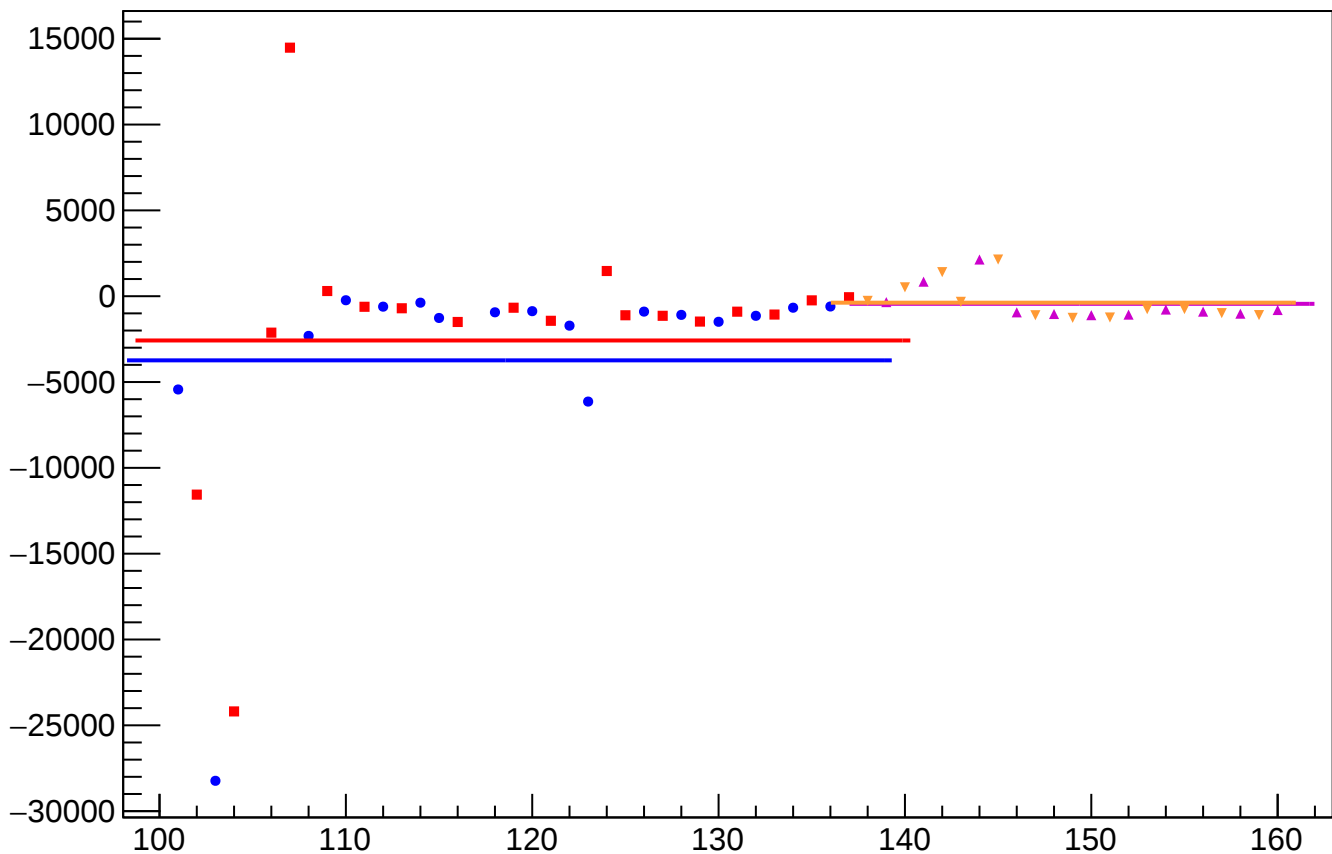
Left Out: 1173.287 +/- 0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 +/- 0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540 +/- 0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

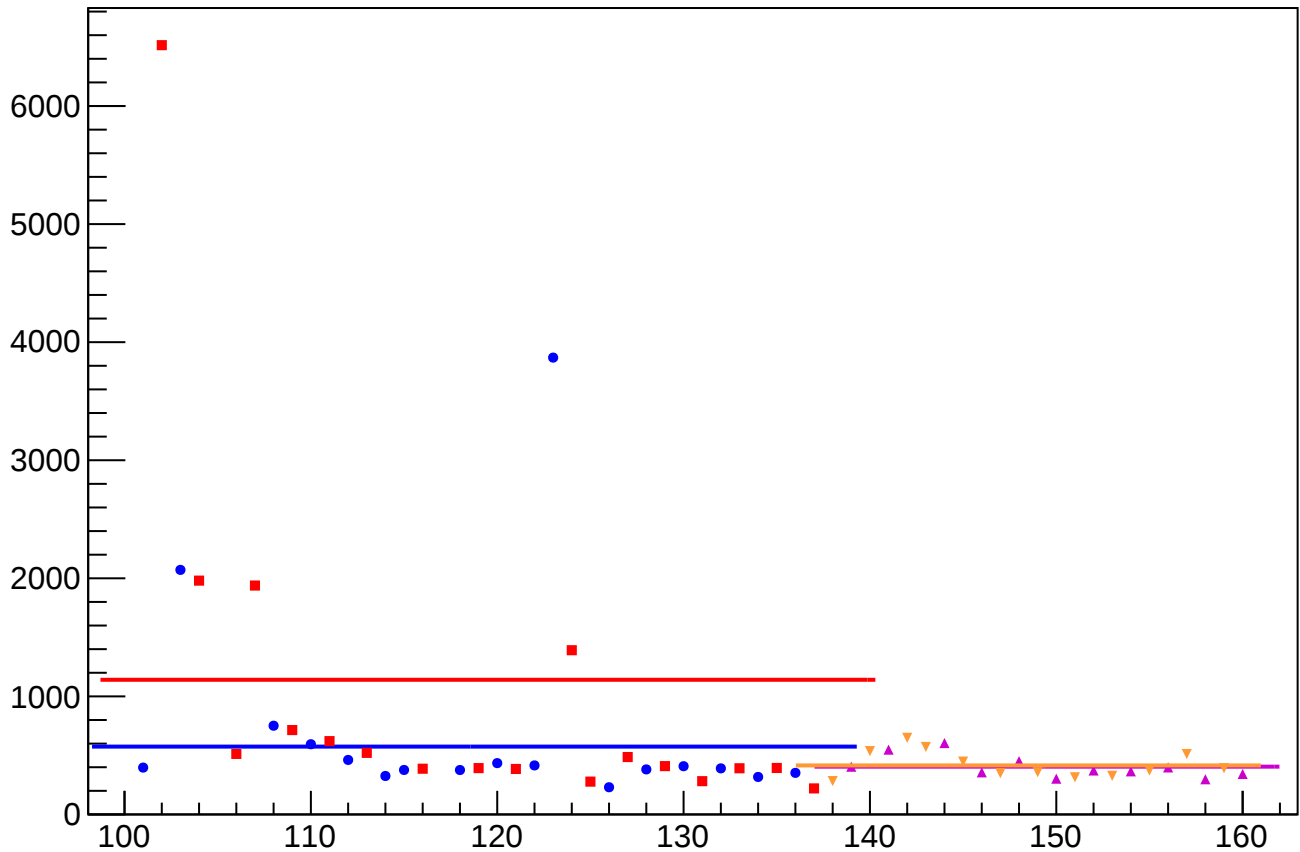
All: 1158.161 +/- 0.000 χ^2/NDF : 19003097965

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



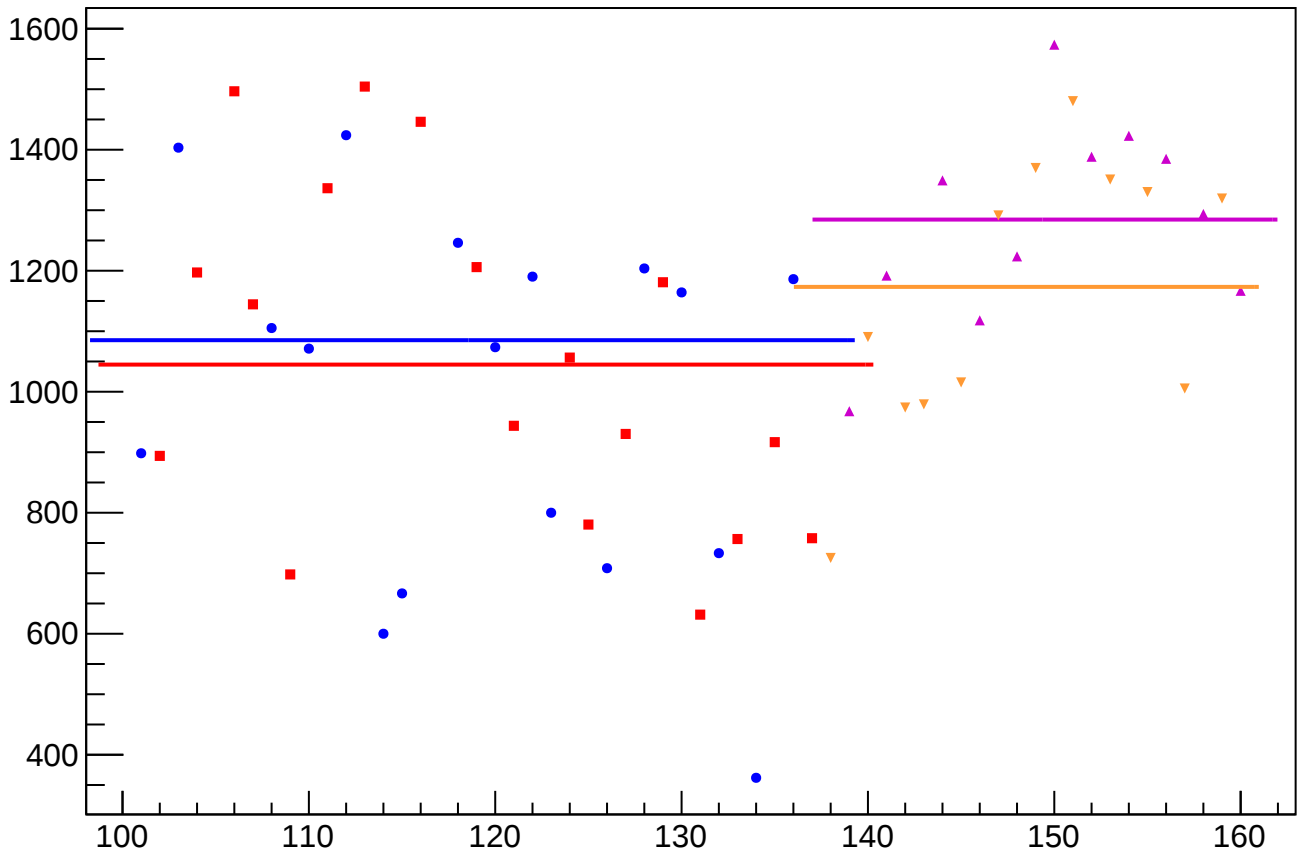
Right In: 574.655+/-0.000 χ^2/NDF : 199698400452439530730016550179978608640.0/16

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

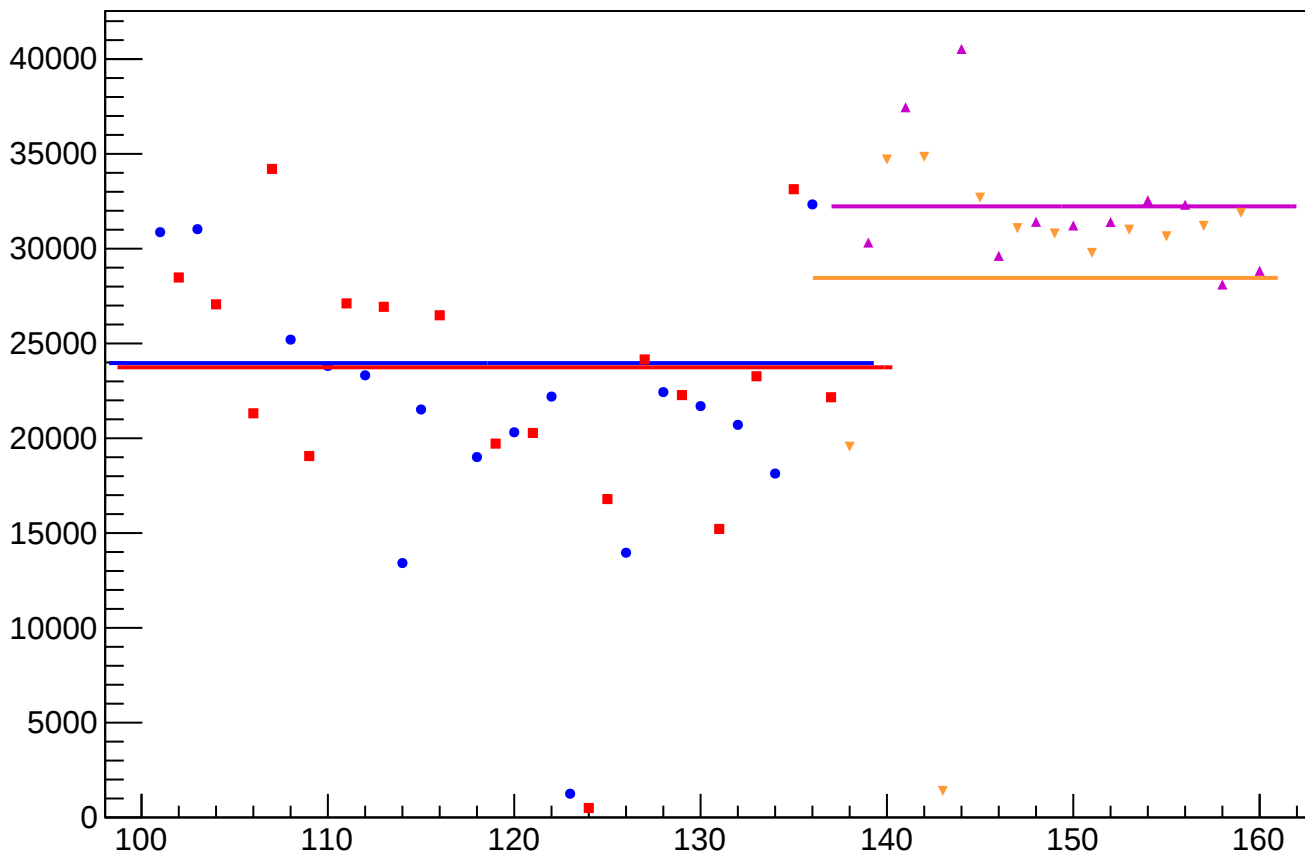
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

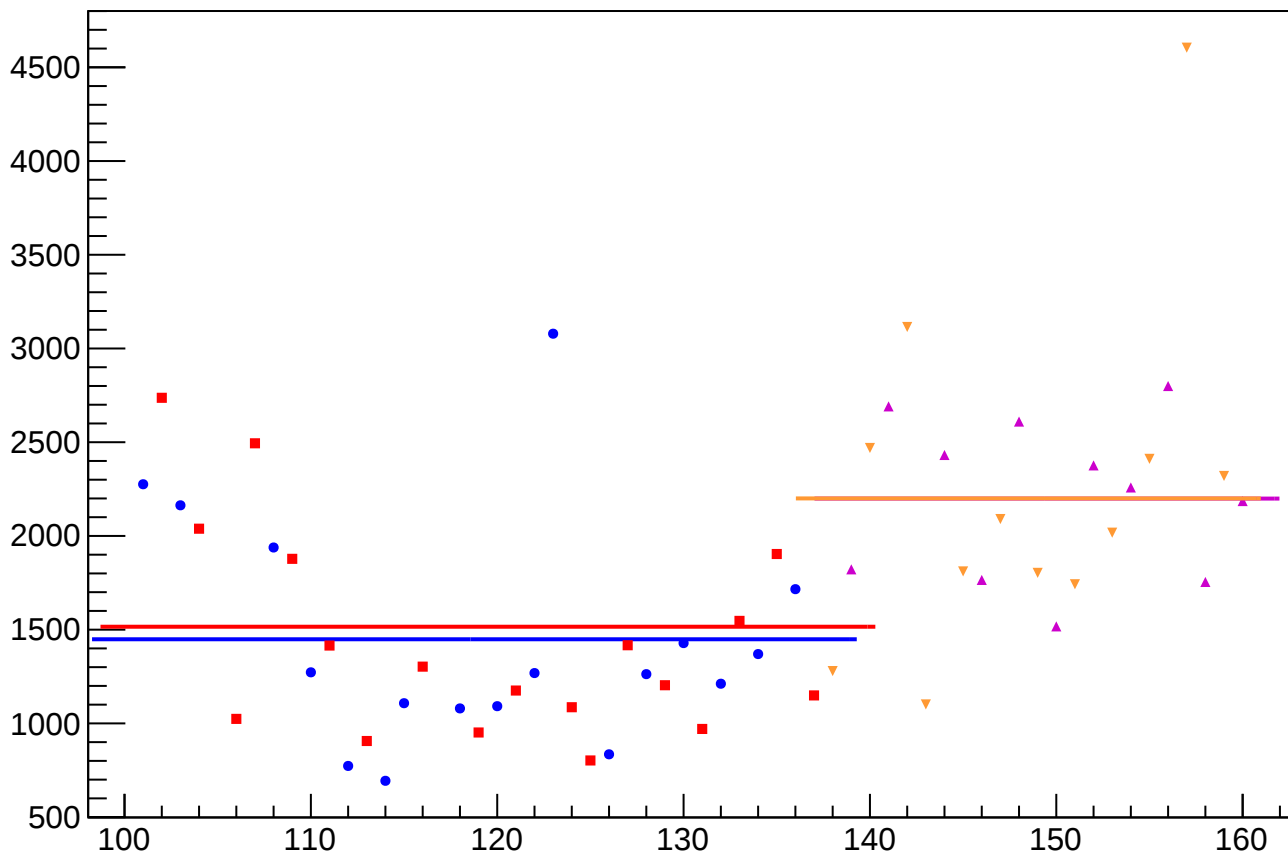
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

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

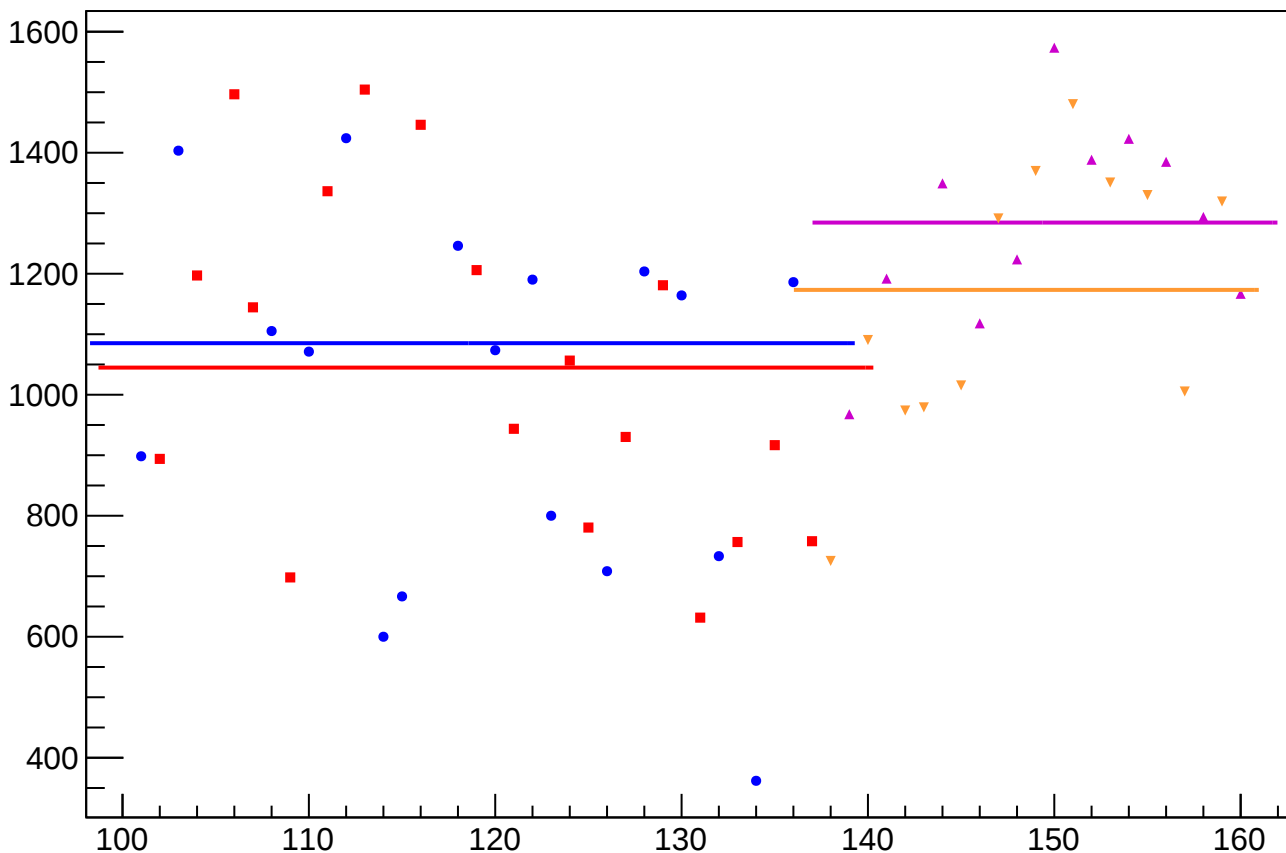
Left In: 2199.283+/-0.000 χ^2/NDF : 156934506780582925441007438753813233664.0/10

+ 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

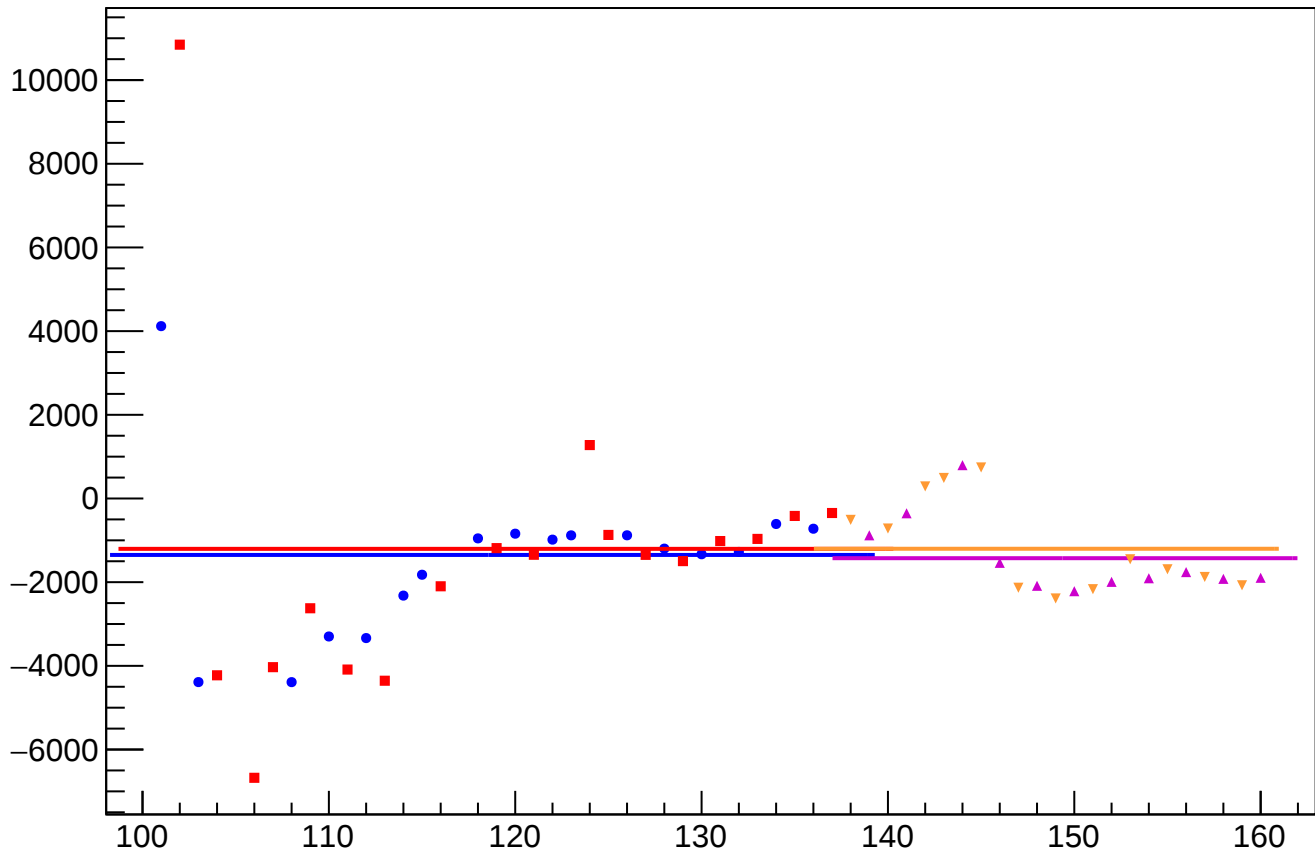
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

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

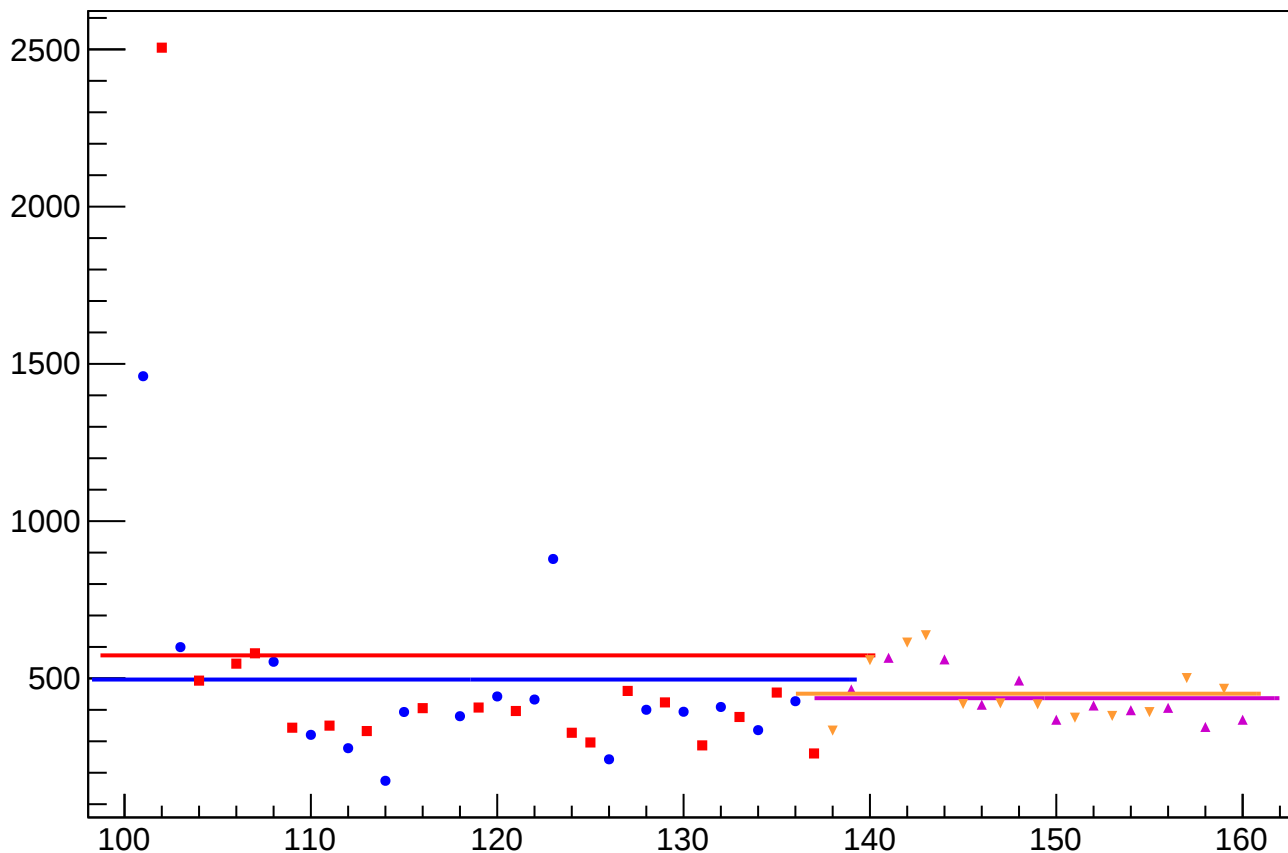
dit_atr1_coil4_mean vs Slug



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

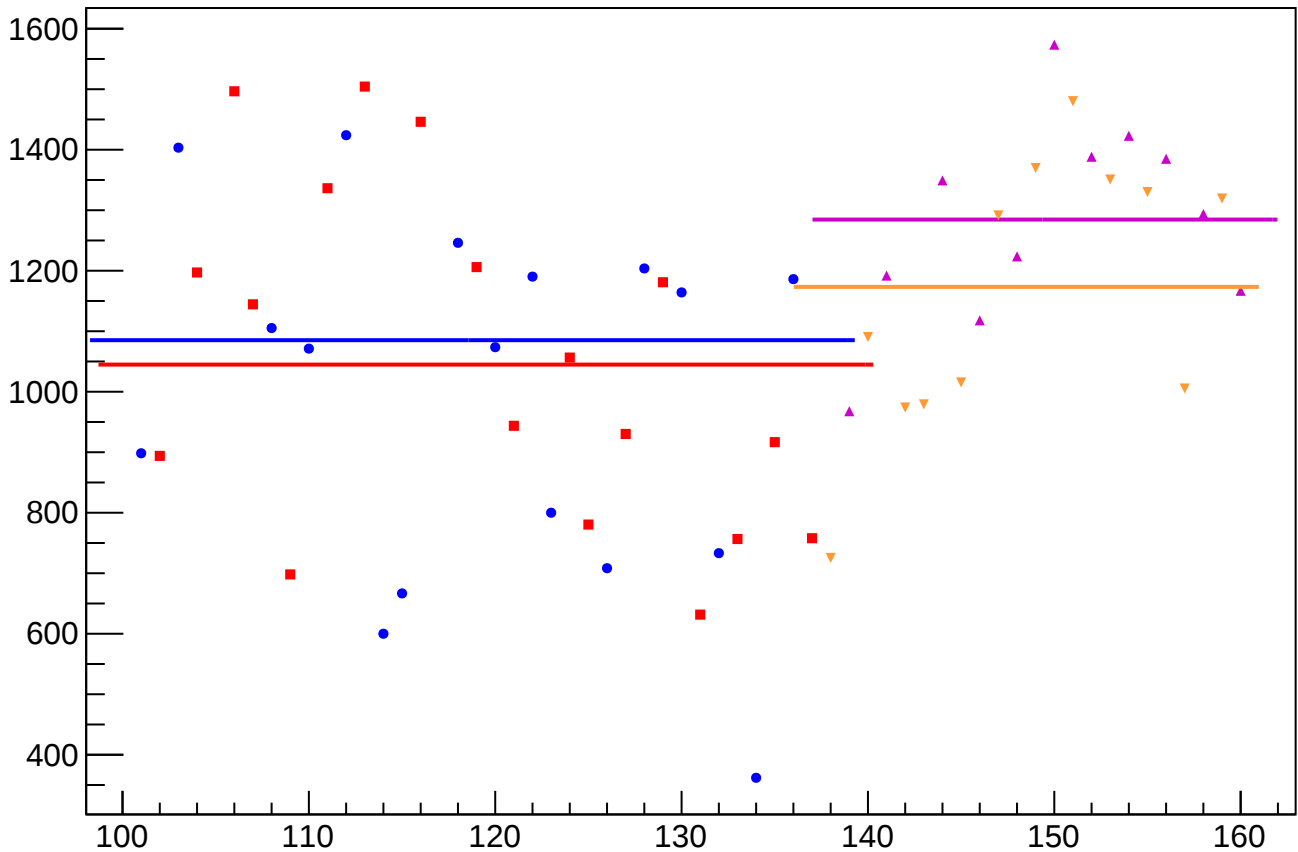
Left Out: 451.374+/-0.000 χ^2/NDF : 7134946740505986037701205636285464576.0/11

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 $\pm$ 0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

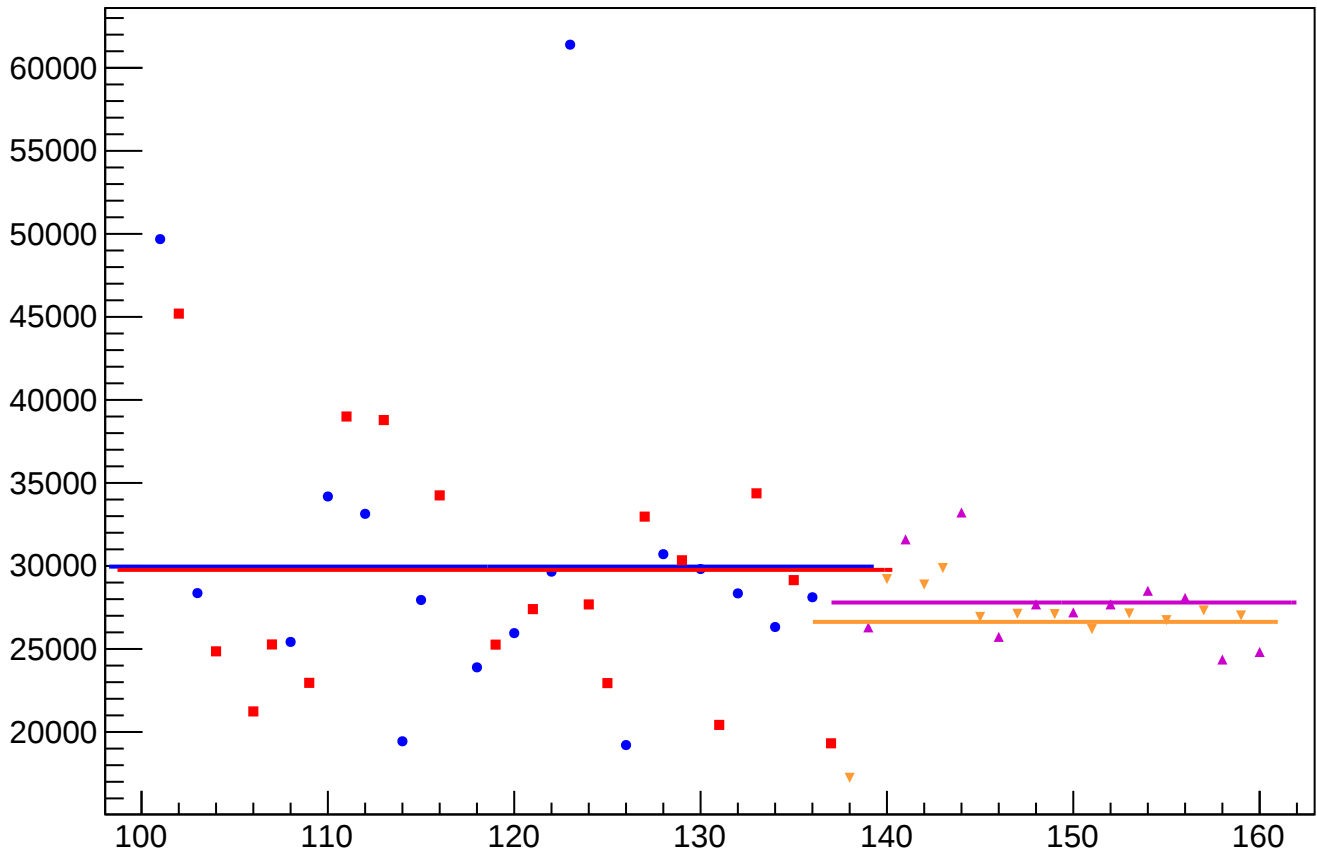
Left Out: 1173.287 $\pm$ 0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 $\pm$ 0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540 $\pm$ 0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161 $\pm$ 0.000 χ^2/NDF : 19003097965

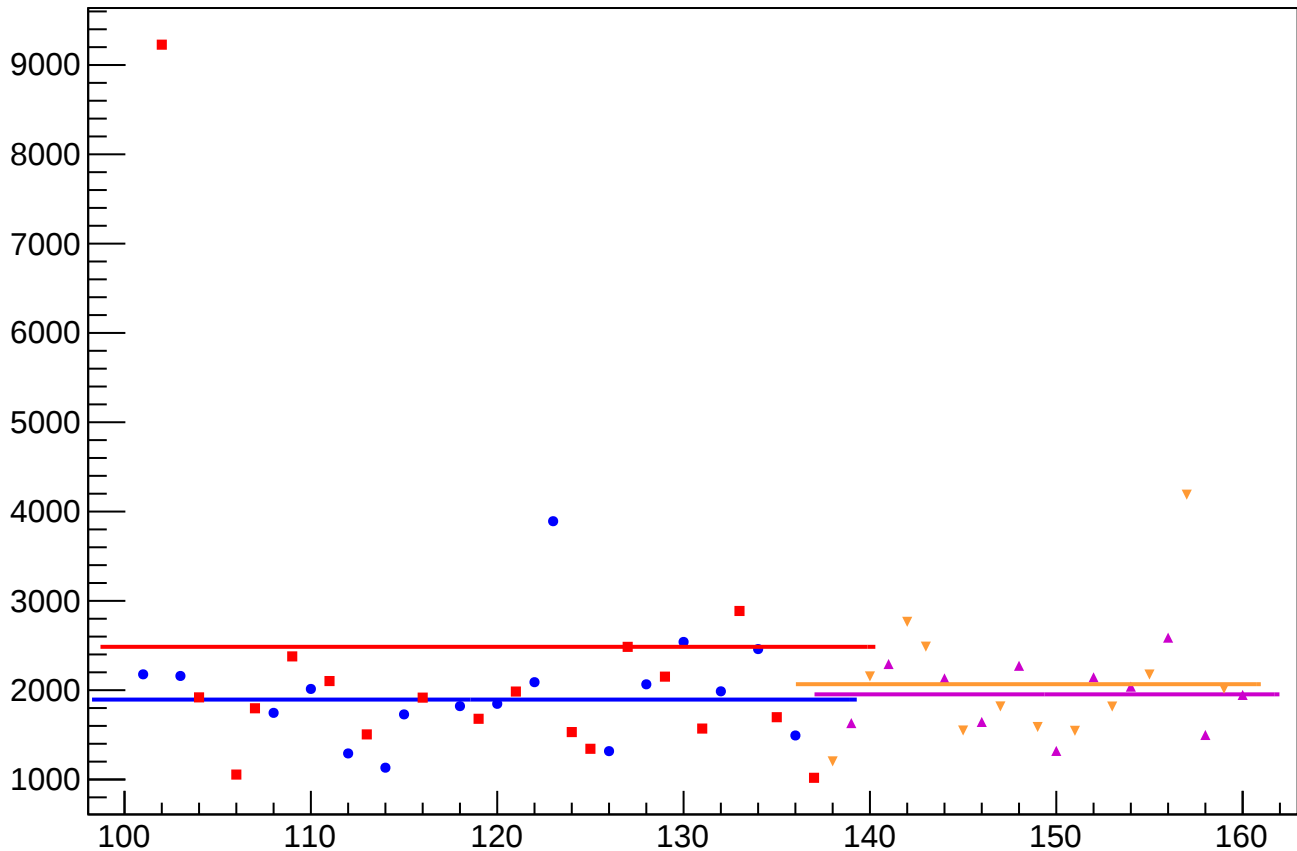
dit_atr2_coil4_mean vs Slug



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

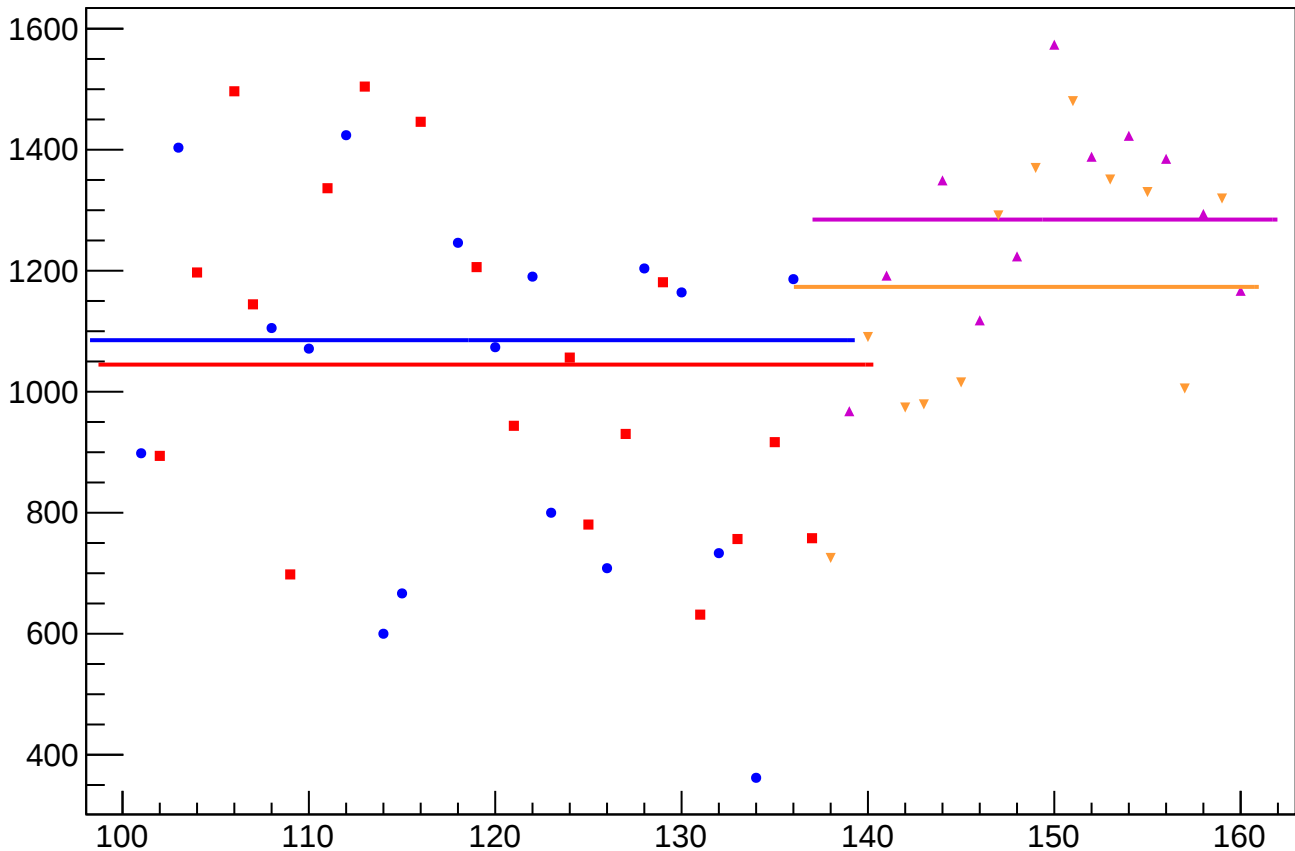
dit_atr2_coil4_err_mean vs Slug



Right In: 1894.762 $\pm$ 0.000 χ^2/NDF : 112136505207273757562412234872415322112.0/16
 Left Out: 2067.096 $\pm$ 0.000 χ^2/NDF : 498951714500530031712915611537190682624.0/11
 Right Out: 2485.438 $\pm$ 0.000 χ^2/NDF : 3007798896738182941908815432963258843136.0/17
 Left In: 1953.340 $\pm$ 0.000 χ^2/NDF : 126893636747608035073836069635988914176.0/10

+ sign 1992.486 $\pm$ 0.000 χ^2/NDF : 62277603306323
 All: 2089.668 $\pm$ 0.000 χ^2/NDF : 39019408328
 - sign 2184.196 $\pm$ 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

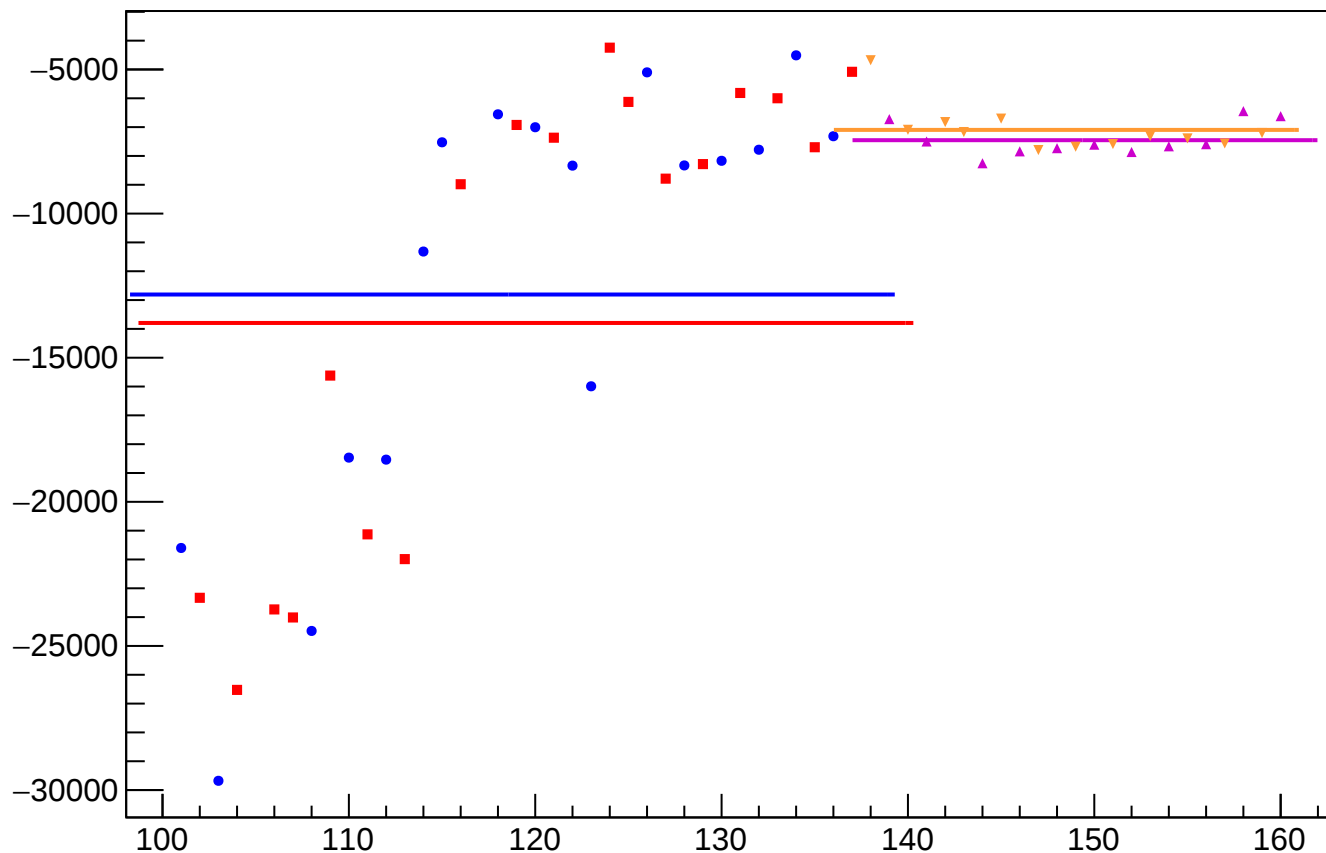
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

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

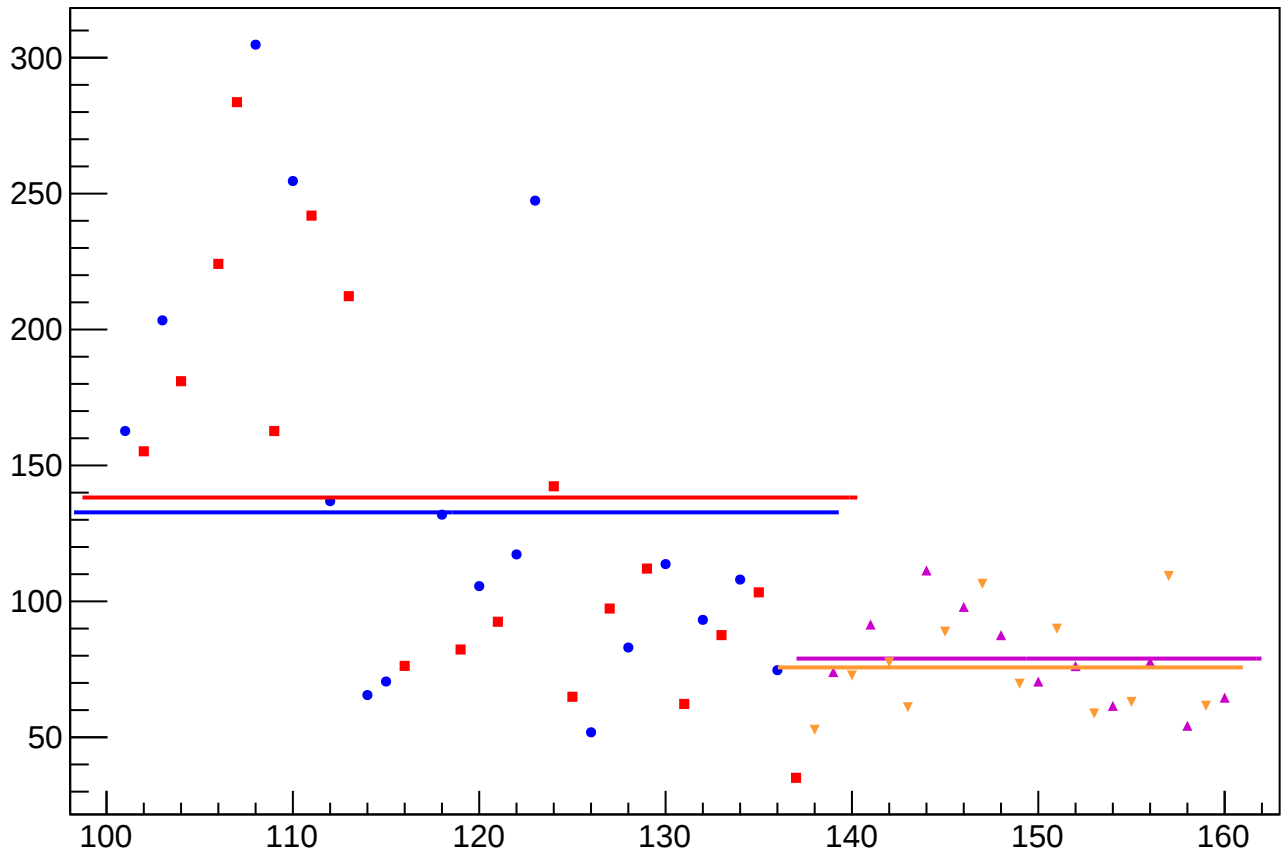
All: -9891.183+/-0.000 χ^2/NDF : 1183430201

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

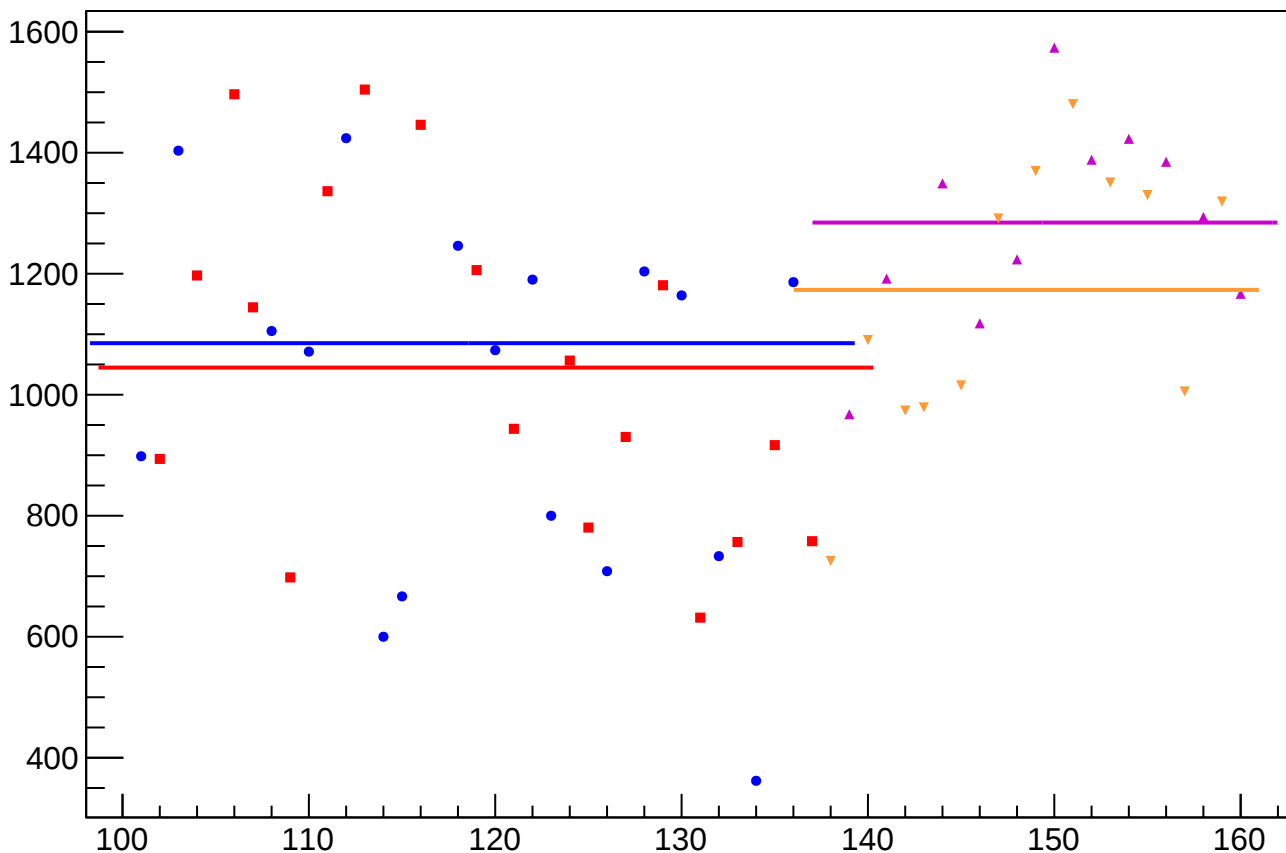
All: 102.556+/-0.000 χ^2/NDF : 931010048540

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

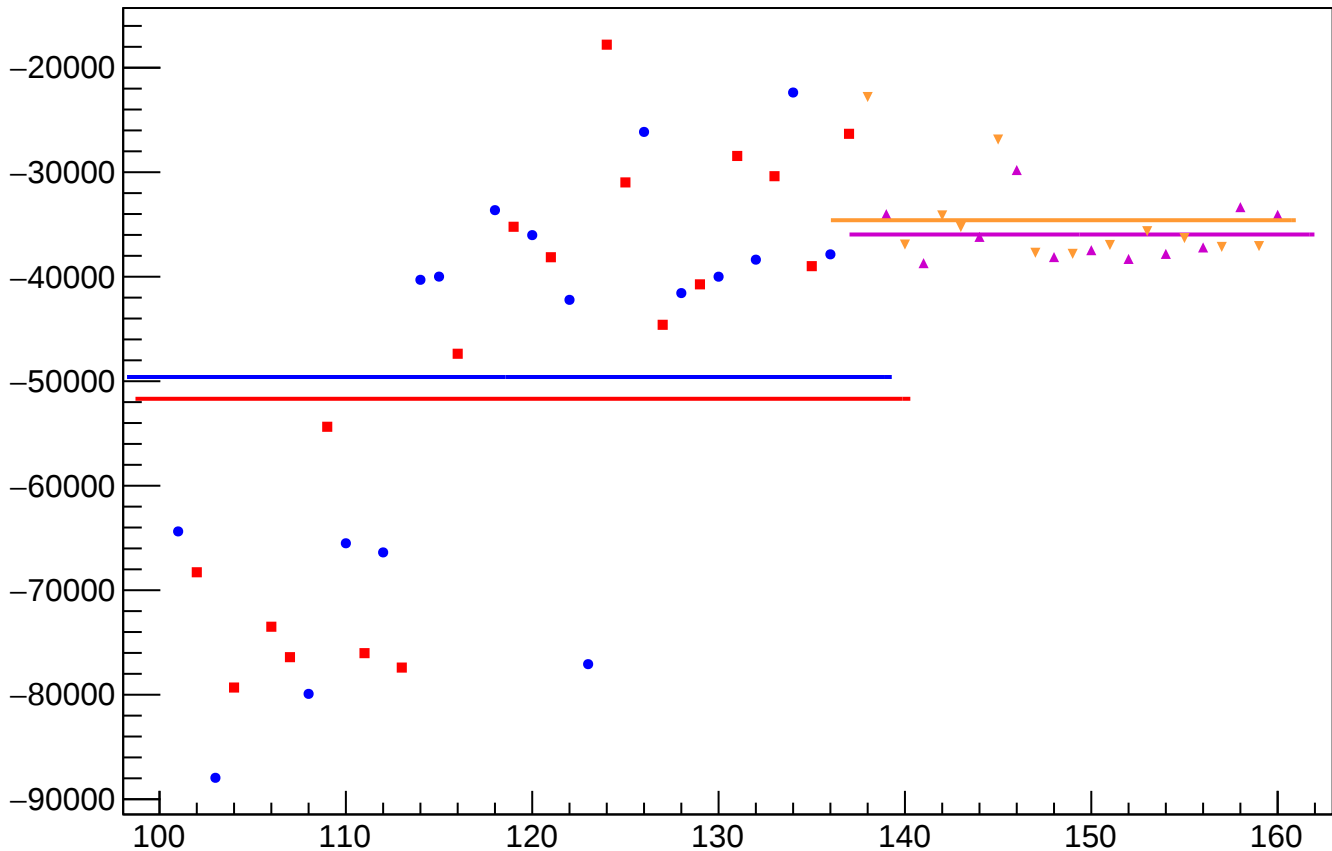
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

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



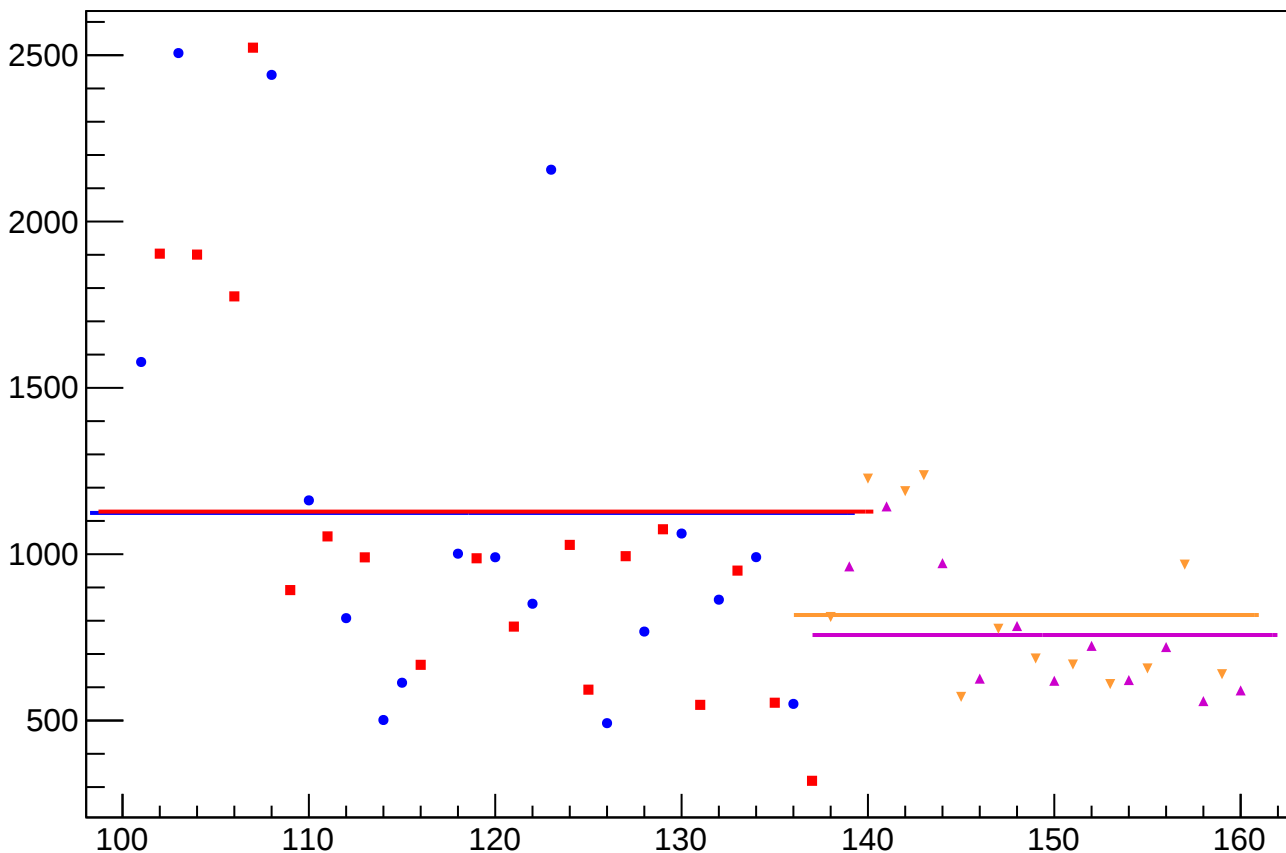
Right In: -49596.405+/-0.000	χ^2/NDF : 248313182325102448289525934605791330828288.0/16
Left Out: -34593.901+/-0.000	χ^2/NDF : 19332238764834112124747040225536159776768.0/11
Right Out: -51680.980+/-0.000	χ^2/NDF : 268094403741805330481600683125097153691648.0/17
Left In: -35959.420+/-0.000	χ^2/NDF : 6460763561716039047552359643495482261504.0/10

+ 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

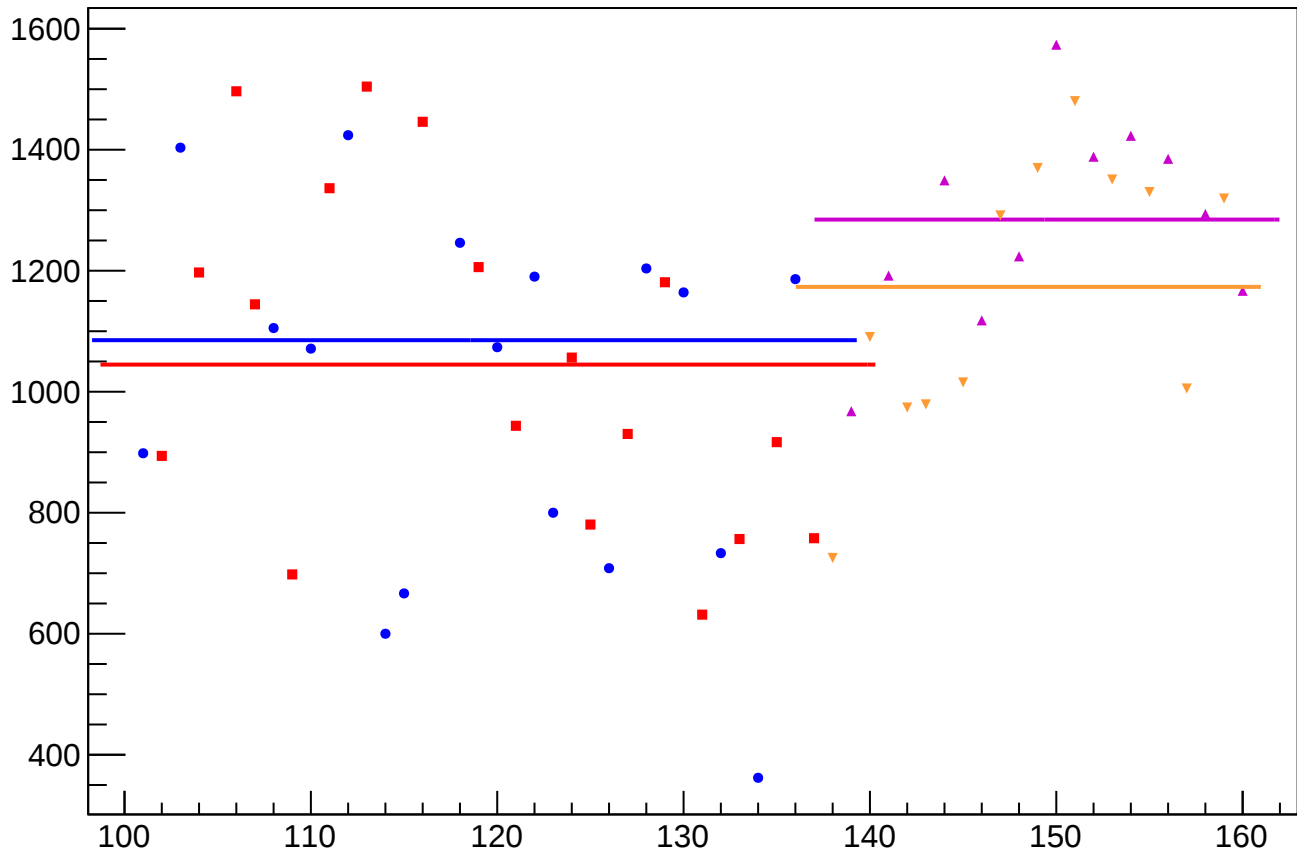
All: 933.839+/-0.000 χ^2/NDF : 65888298133

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

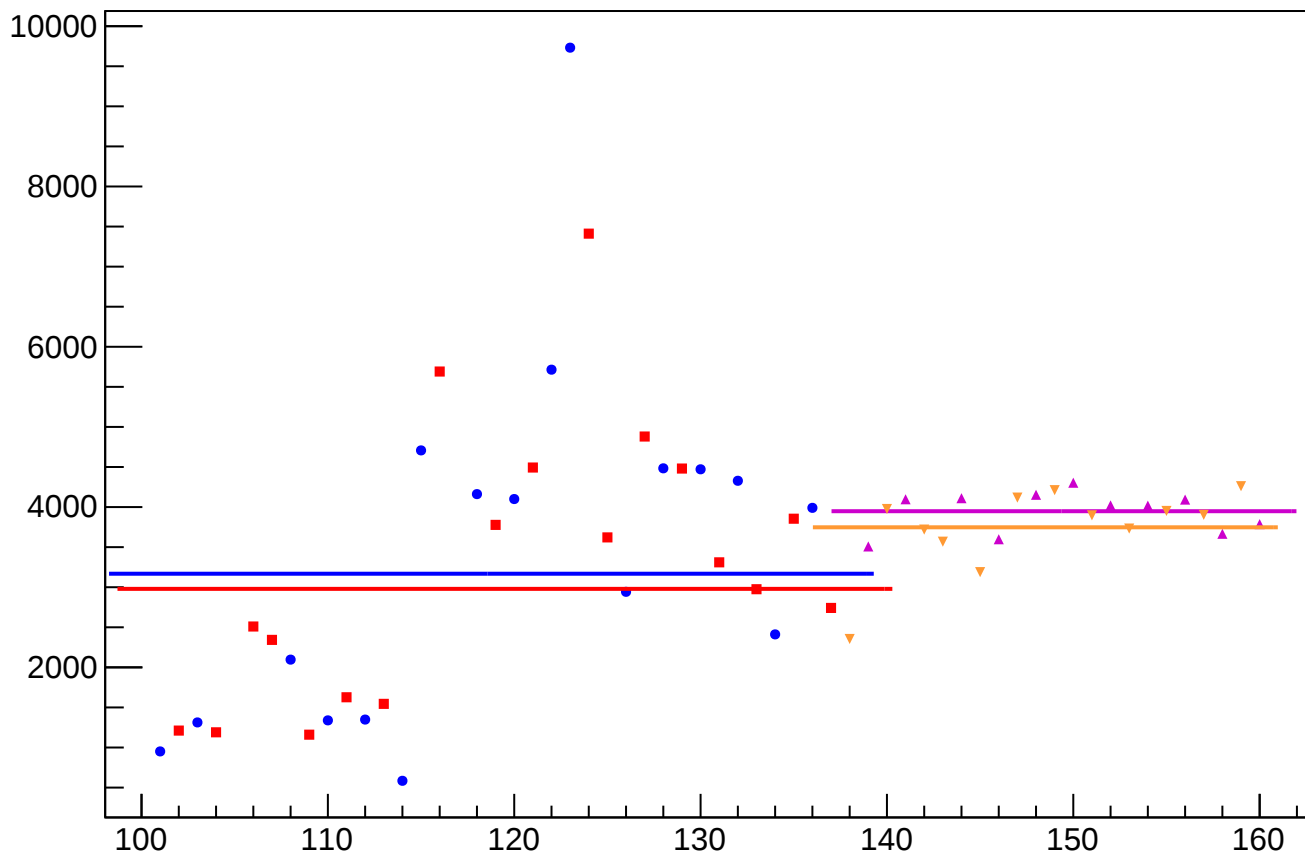
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

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

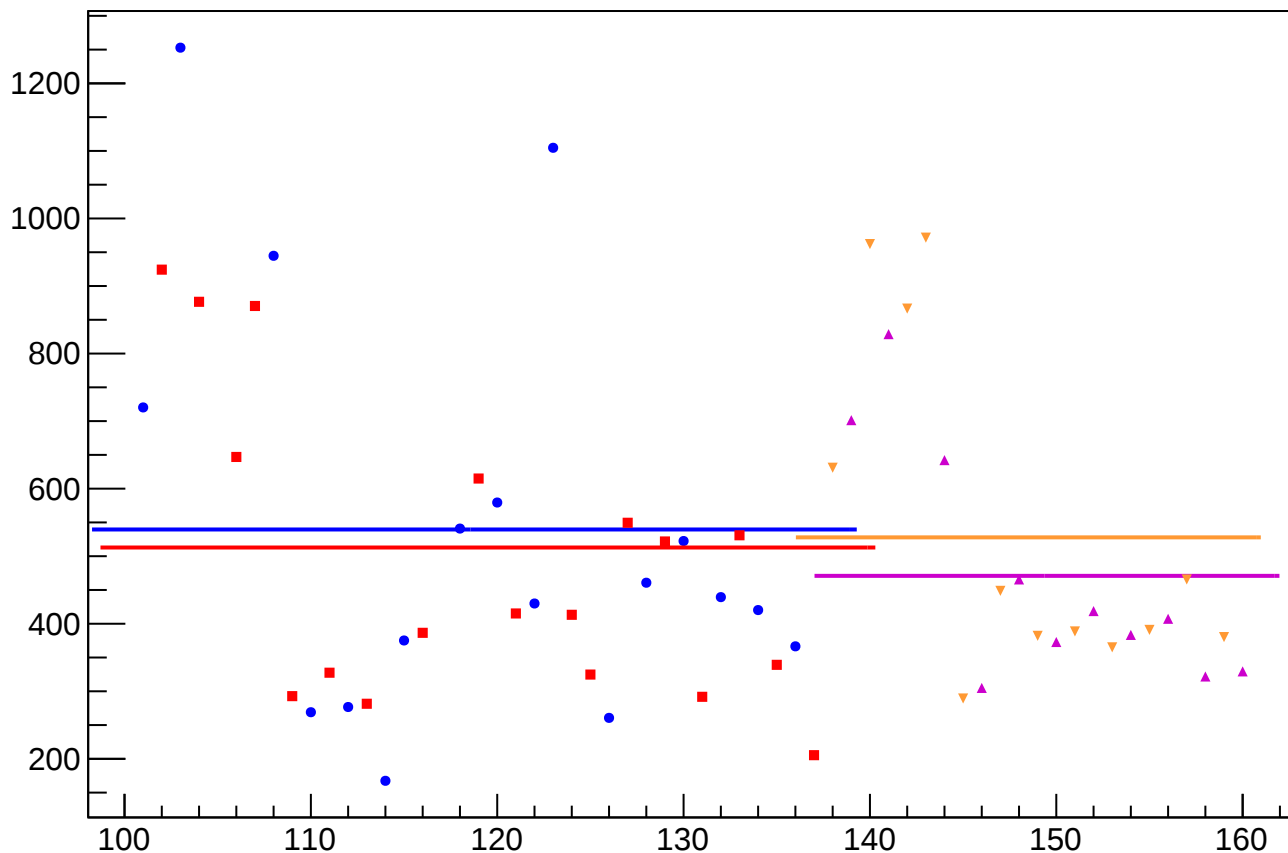
dit_sam3_coil4_mean vs Slug



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



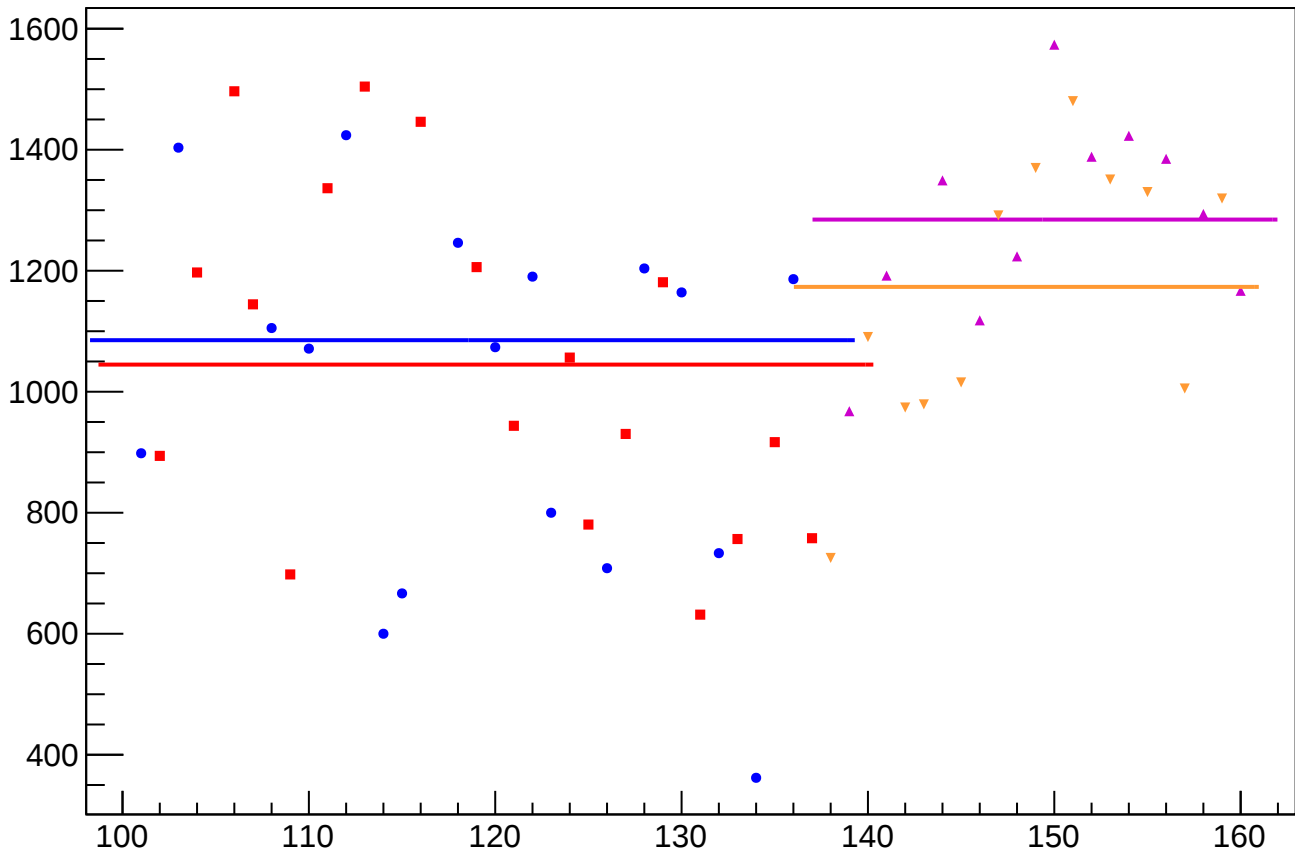
Right In: 539.553+/-0.000 χ^2/NDF : 54885482787684067638945528690813960192.0/16

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

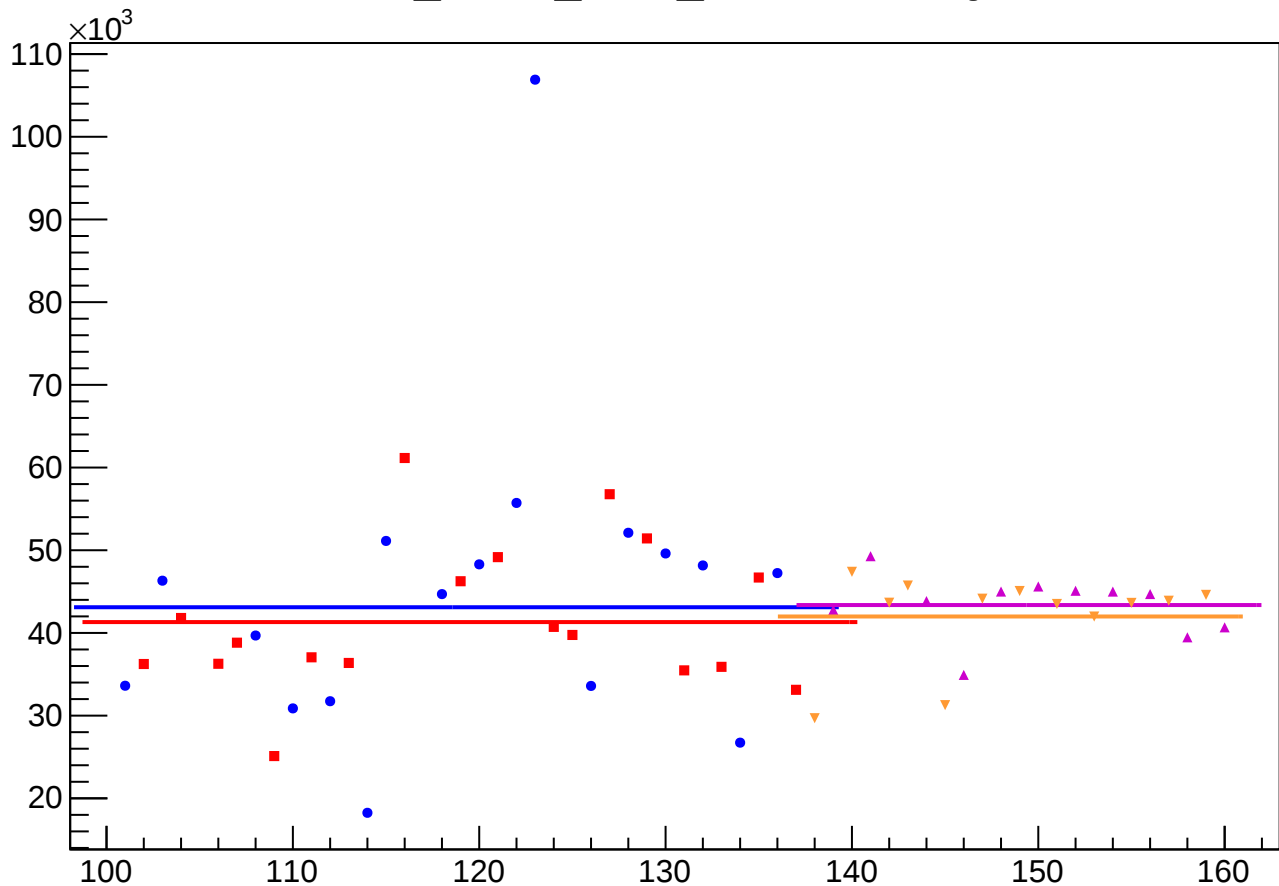
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

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

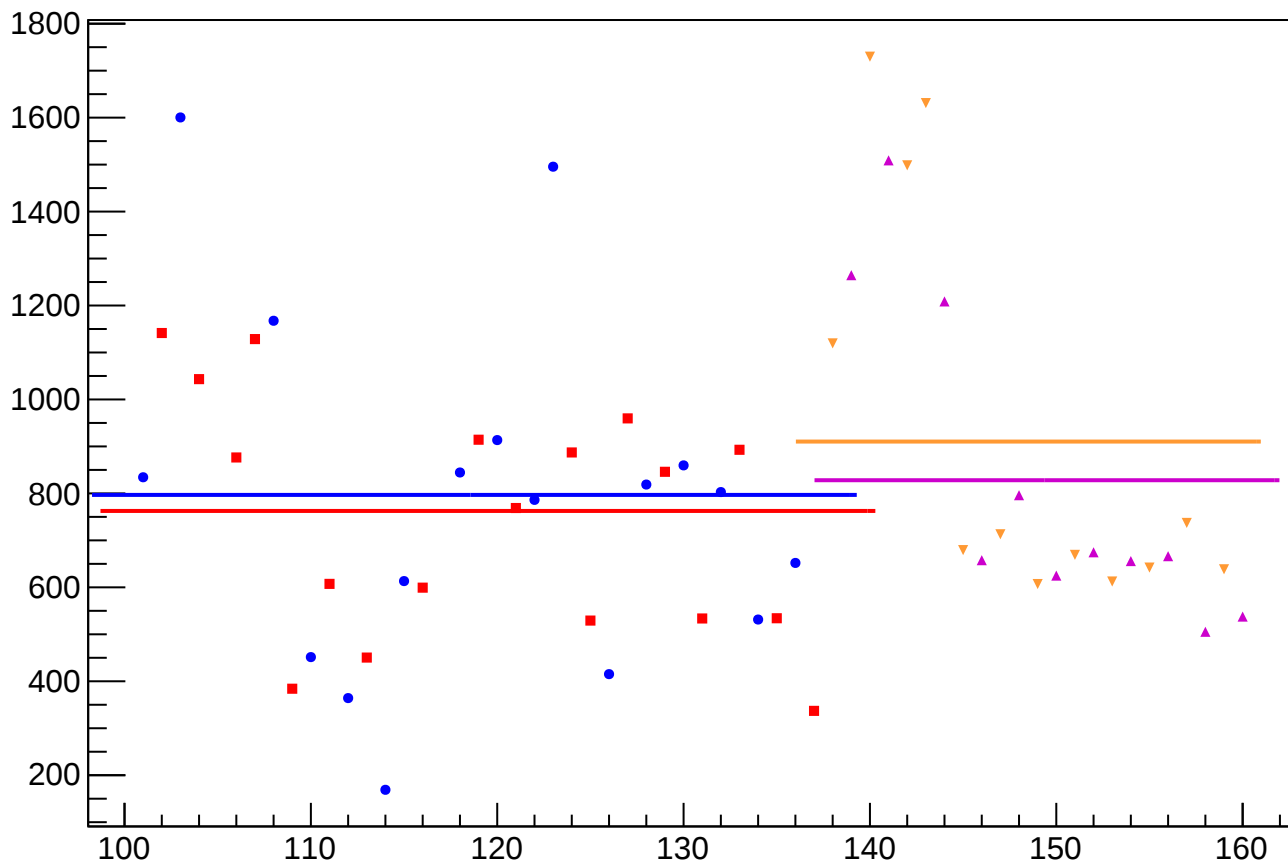


Right In: 43108.031+/-0.000	χ^2/NDF : 68611682581967867390827070514847106990080.0/16
Left Out: 41988.937+/-0.000	χ^2/NDF : 26595625315184876661727332300070884212736.0/11
Right Out: 41313.091+/-0.000	χ^2/NDF : 51625009130500845485657820618169448923136.0/17
Left In: 43372.857+/-0.000	χ^2/NDF : 12091187656502960448848492579917477707776.0/10

Additional statistics shown in the plot area:

- + sign 42473.436+/-0.000 χ^2/NDF : 9570016655114
- All: 42476.362+/-0.000 χ^2/NDF : 161133769
- sign 42479.209+/-0.000 χ^2/NDF : 6543357577807

dit_sam4_coil4_err_mean vs Slug



Right In: 796.788 $\pm$ 0.000 χ^2 /NDF: 74155375401966789010322999397605965824.0/16

Left Out: 910.363 $\pm$ 0.000 χ^2 /NDF: 150023970715127091011215524166165856256.0/11

Right Out: 762.642 $\pm$ 0.000 χ^2 /NDF: 44999366783777016136570300173215858688.0/17

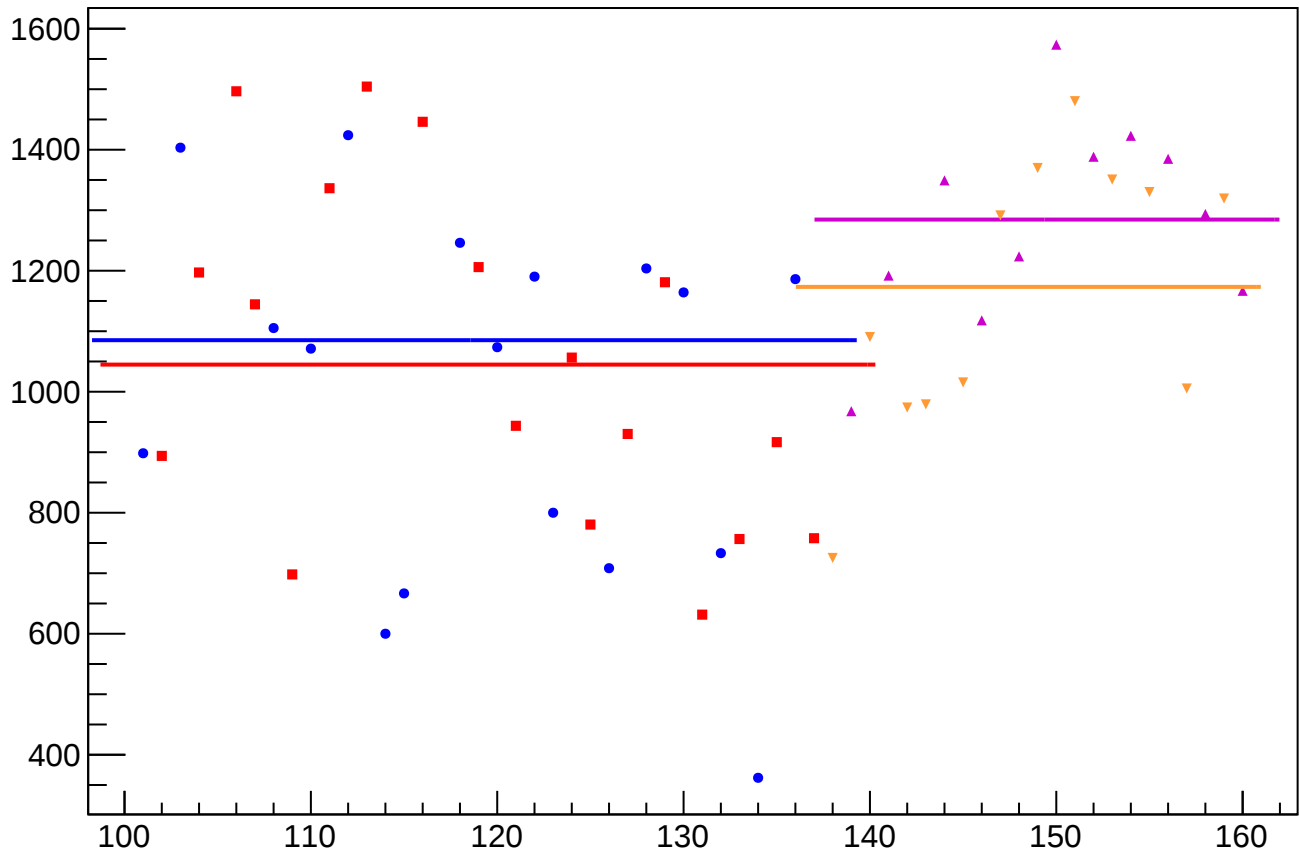
Left In: 828.047 $\pm$ 0.000 χ^2 /NDF: 96201297506087070099989263222619242496.0/10

+ sign 861.192 $\pm$ 0.000 χ^2 /NDF: 229255785162804

All: 830.005 $\pm$ 0.000 χ^2 /NDF: 375263680723

- sign 799.670 $\pm$ 0.000 χ^2 /NDF: 142932321770367

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

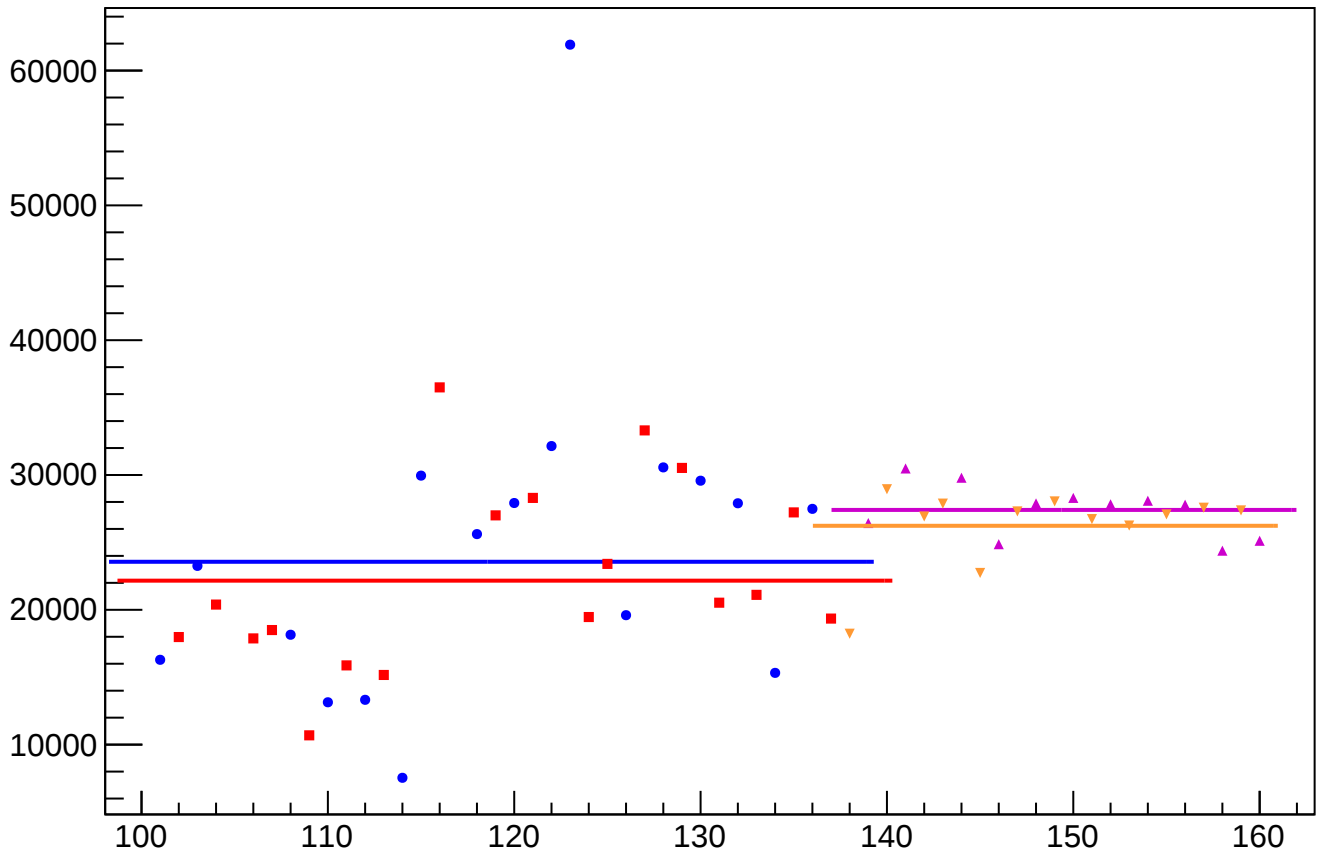
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

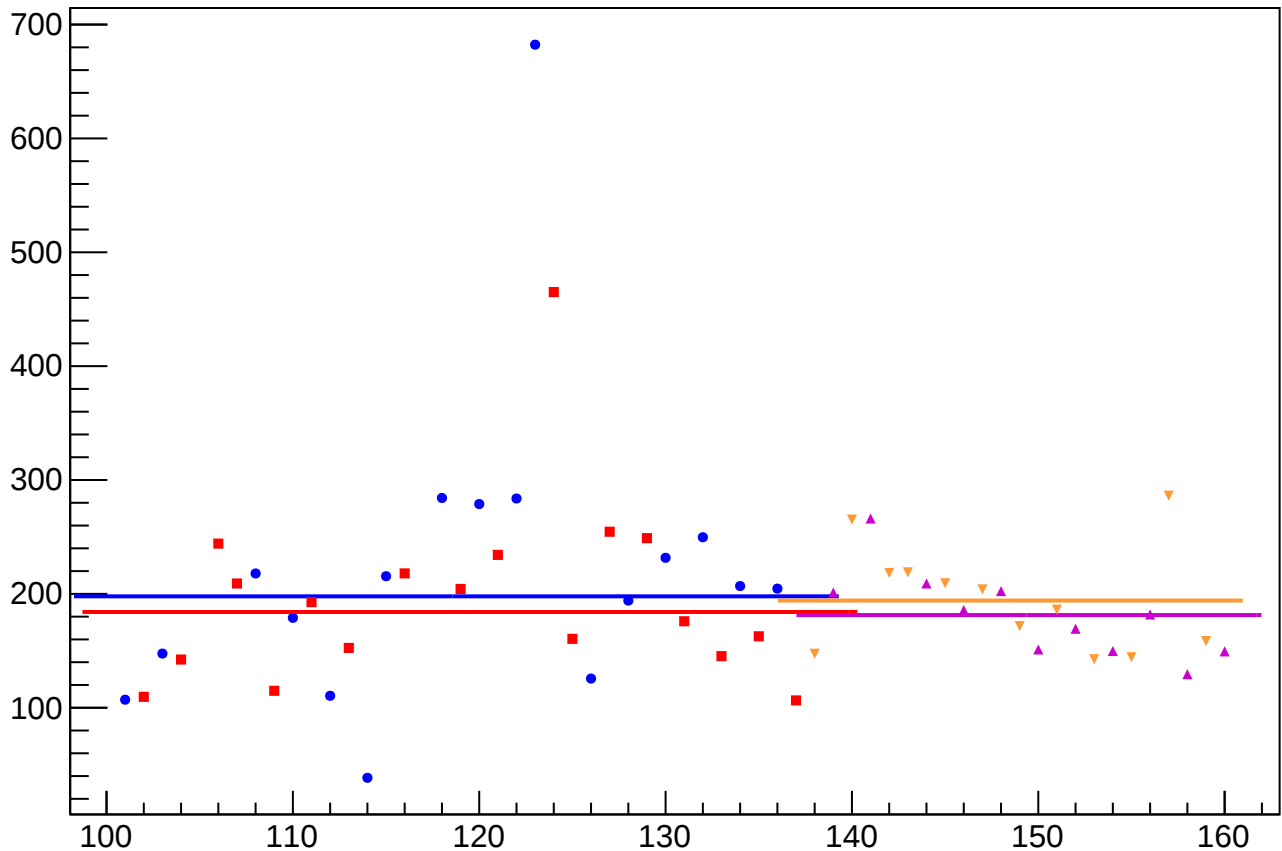
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam5_coil4_mean vs Slug



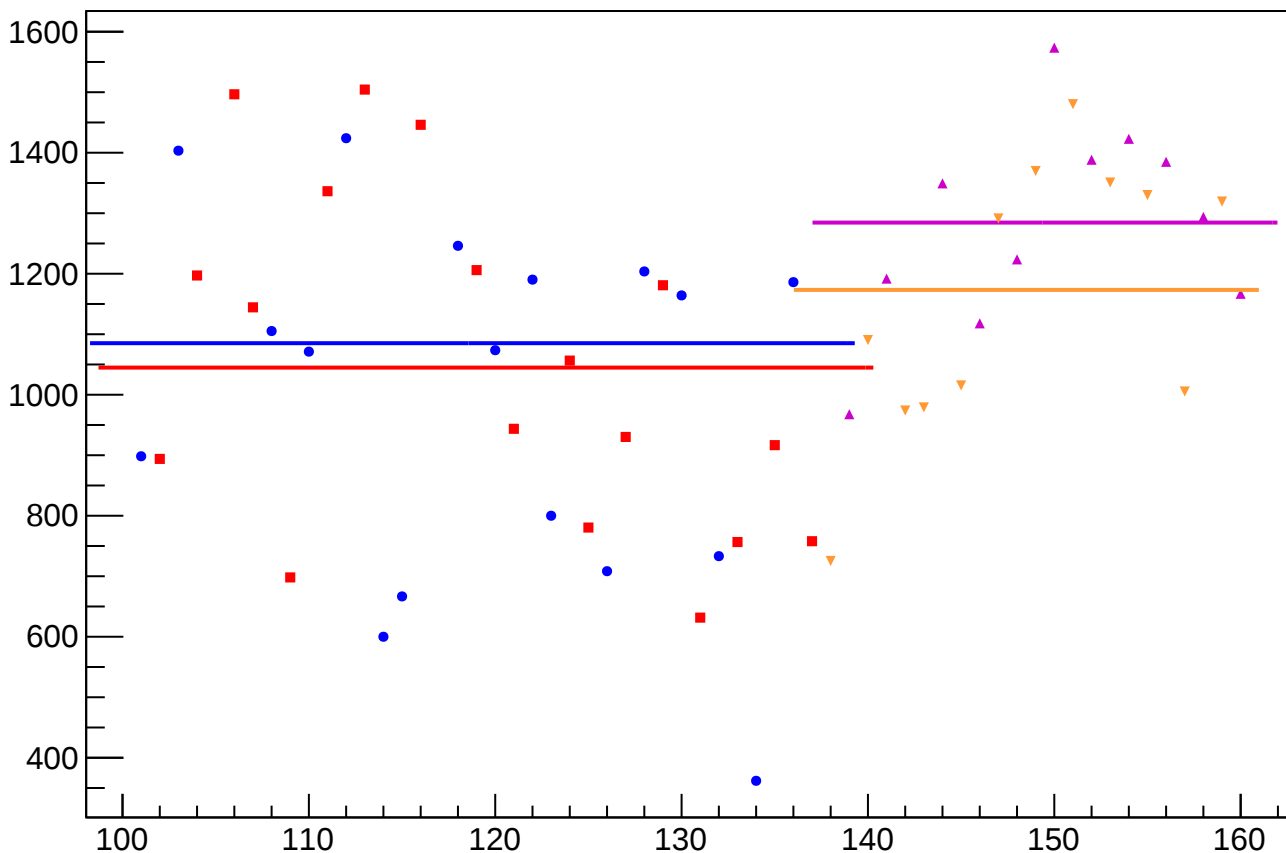
Right In: 23563.217 $\pm$ 0.000 χ^2 /NDF: 35385807137271018817625418232540839280640.0/16
 Left Out: 26232.941 $\pm$ 0.000 χ^2 /NDF: 7436306383754098156934386282018195374080.0/11
 Right Out: 22162.506 $\pm$ 0.000 χ^2 /NDF: 30926817479017578857864317291139006726144.0/17
 Left In: 27409.308 $\pm$ 0.000 χ^2 /NDF: 3260068033865796960082272162296933384192.0/10

dit_sam5_coil4_err_mean vs Slug



Right In: 197.841+/-0.000	χ^2/NDF : 3601849103427594359827693165900464128.0/16	+ sign 195.746+/-0.000	χ^2/NDF : 548624027789253
Left Out: 194.146+/-0.000	χ^2/NDF : 1879017279218446114091371157486829568.0/11	All: 189.072+/-0.000	χ^2/NDF : 95735353015
Right Out: 184.108+/-0.000	χ^2/NDF : 2706165724913072523706132651898306560.0/17	- sign 182.580+/-0.000	χ^2/NDF : 394644182603320
Left In: 181.409+/-0.000	χ^2/NDF : 1237326176797583481368716307739967488.0/10		

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

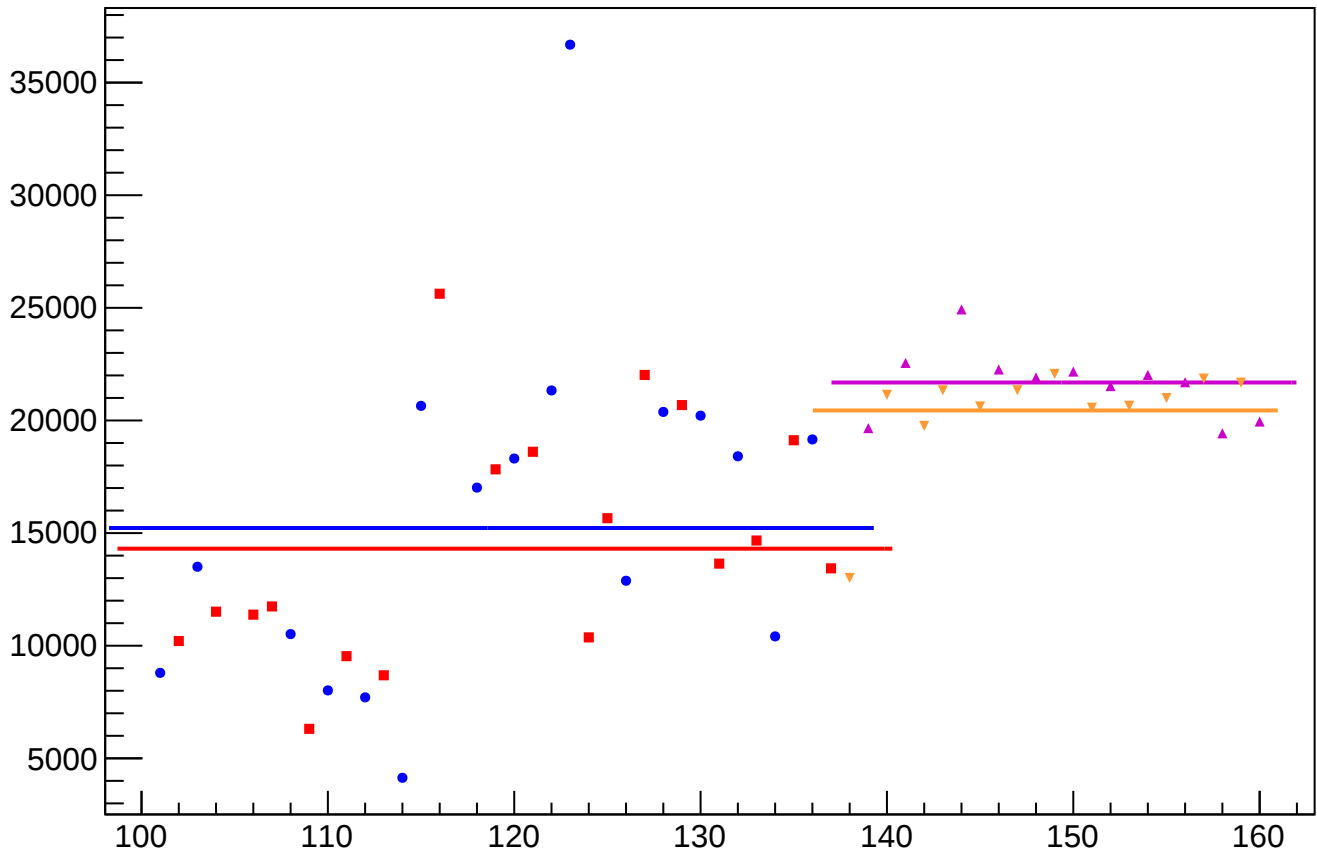
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

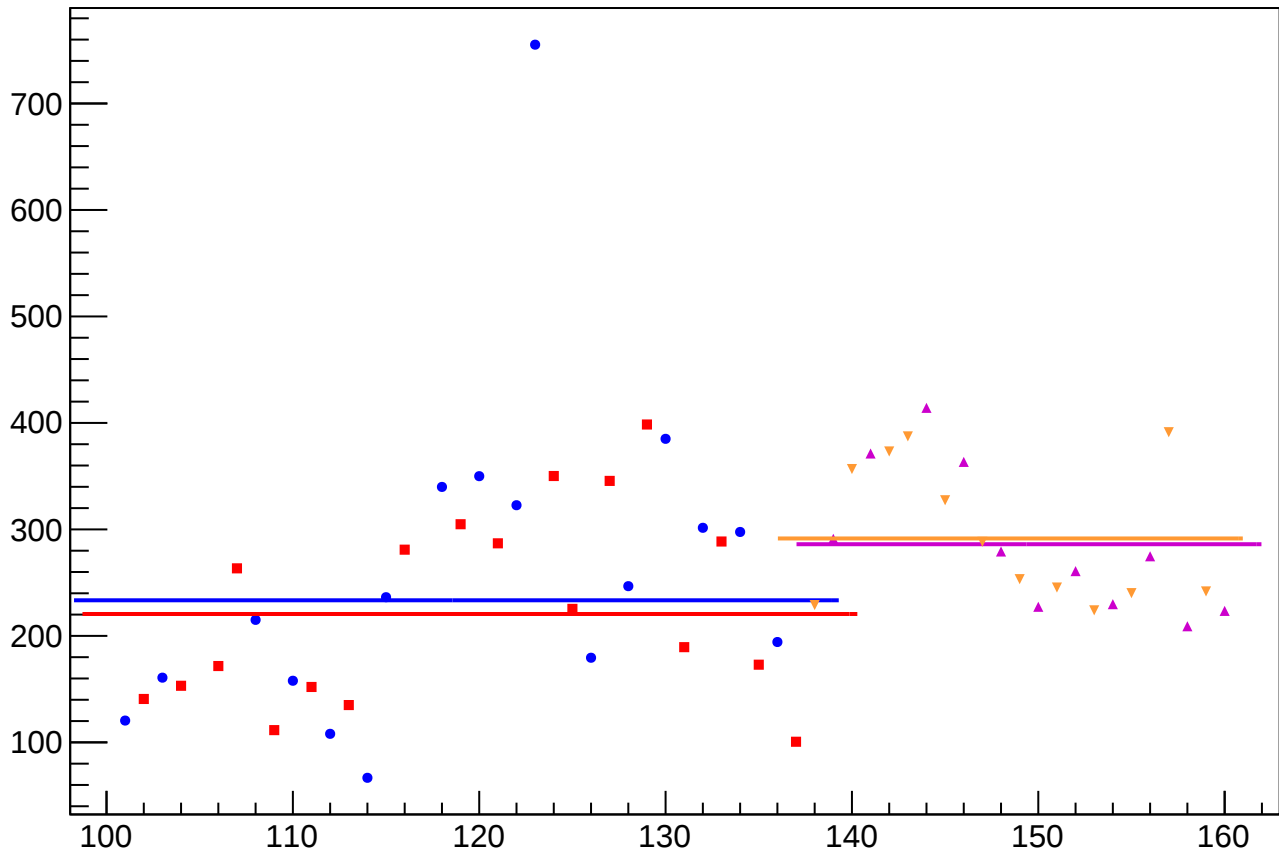
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam6_coil4_mean vs Slug



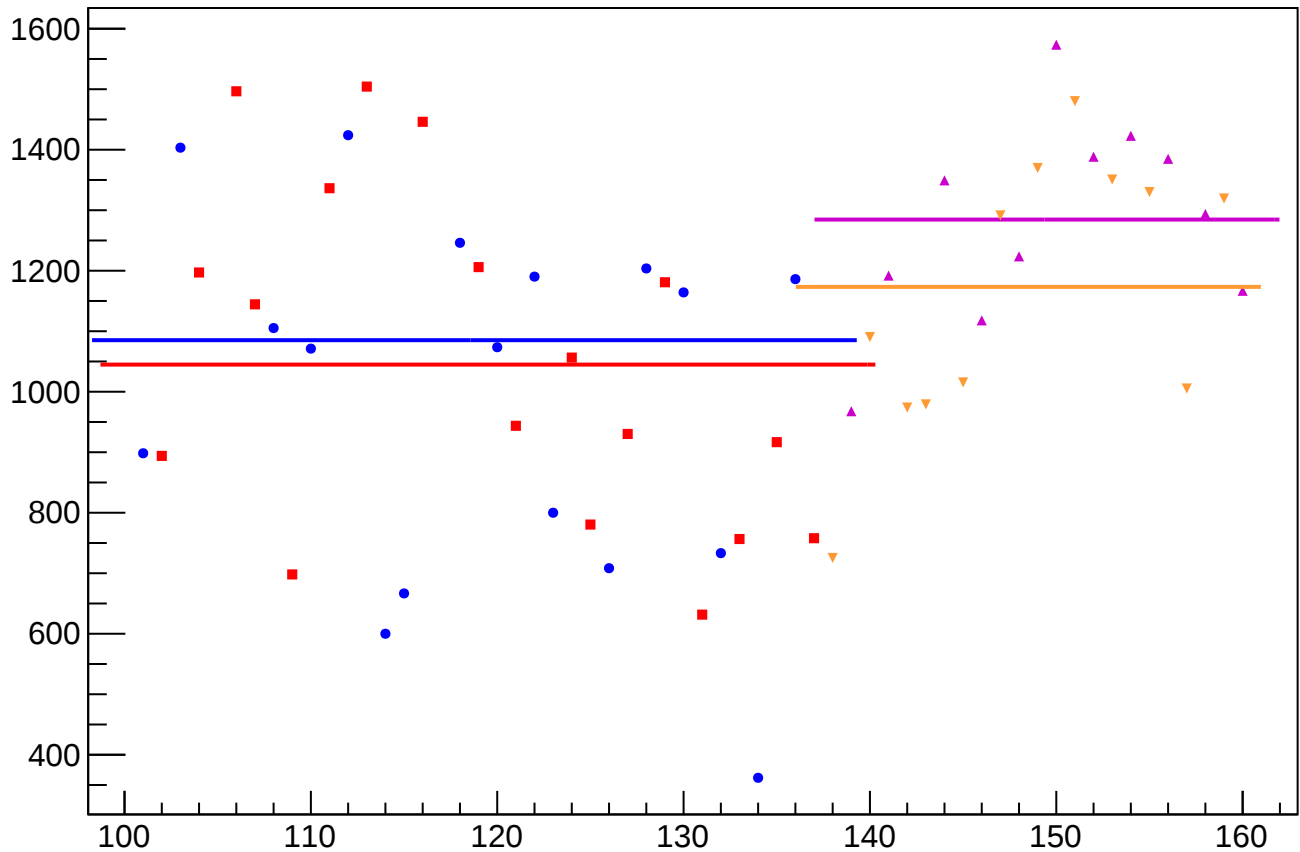
Right In: 15226.152+/-0.000 χ^2/NDF : 19033981883616318675707973818231845552128.0/16
 Left Out: 20444.904+/-0.000 χ^2/NDF : 5015541788113107499549833018825777348608.0/11
 Right Out: 14308.618+/-0.000 χ^2/NDF : 17986620092143727991108175714996656799744.0/17
 Left In: 21685.940+/-0.000 χ^2/NDF : 2061414370106068569162415723838611390464.0/10

dit_sam6_coil4_err_mean vs Slug



Right In: 233.427+/-0.000 χ^2/NDF : 6632421375389201944932770217893822464.0/16
 Left Out: 291.492+/-0.000 χ^2/NDF : 3496936665449814929425245861490720768.0/11
 Right Out: 220.559+/-0.000 χ^2/NDF : 5383695019108554854360648047063465984.0/17
 Left In: 286.089+/-0.000 χ^2/NDF : 4047639086763227768293546604548325376.0/10

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

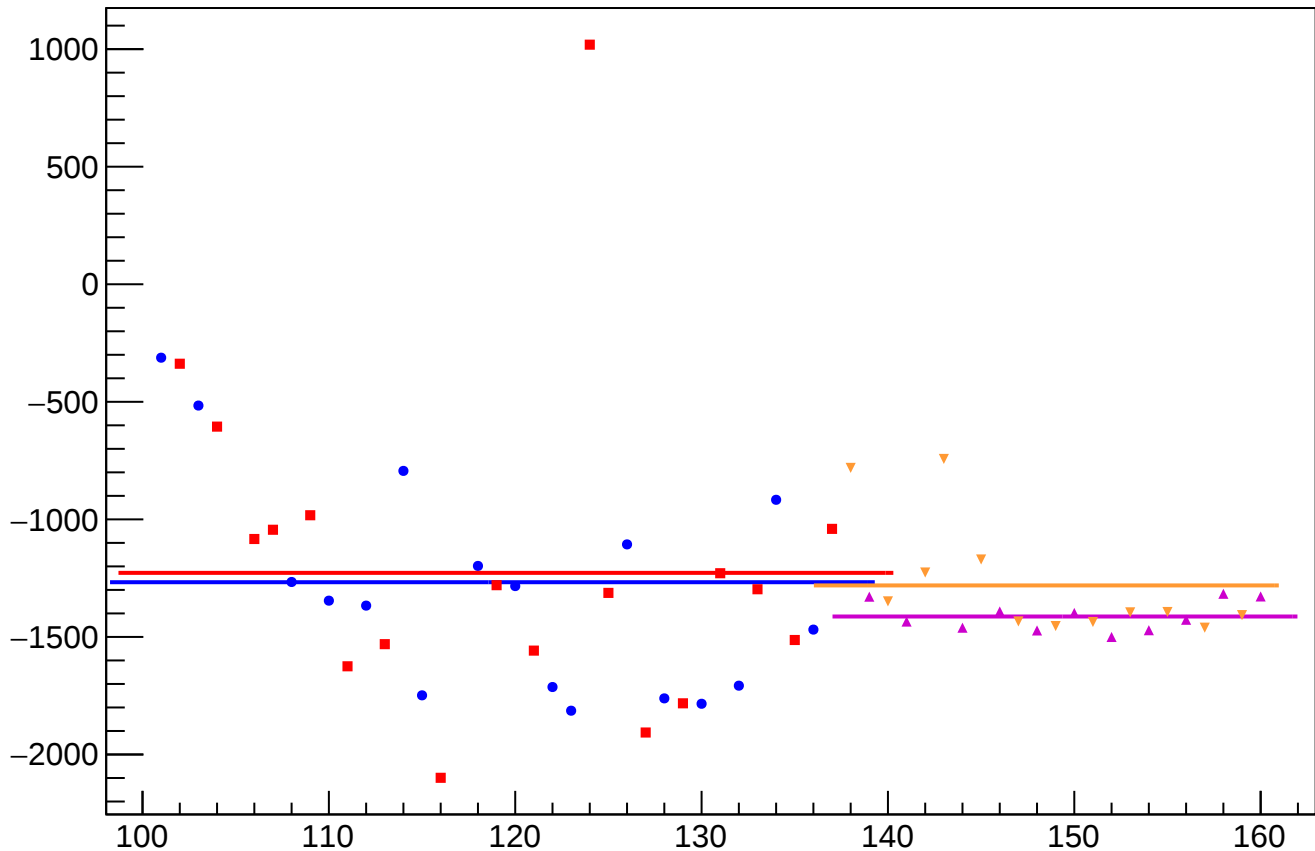
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

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

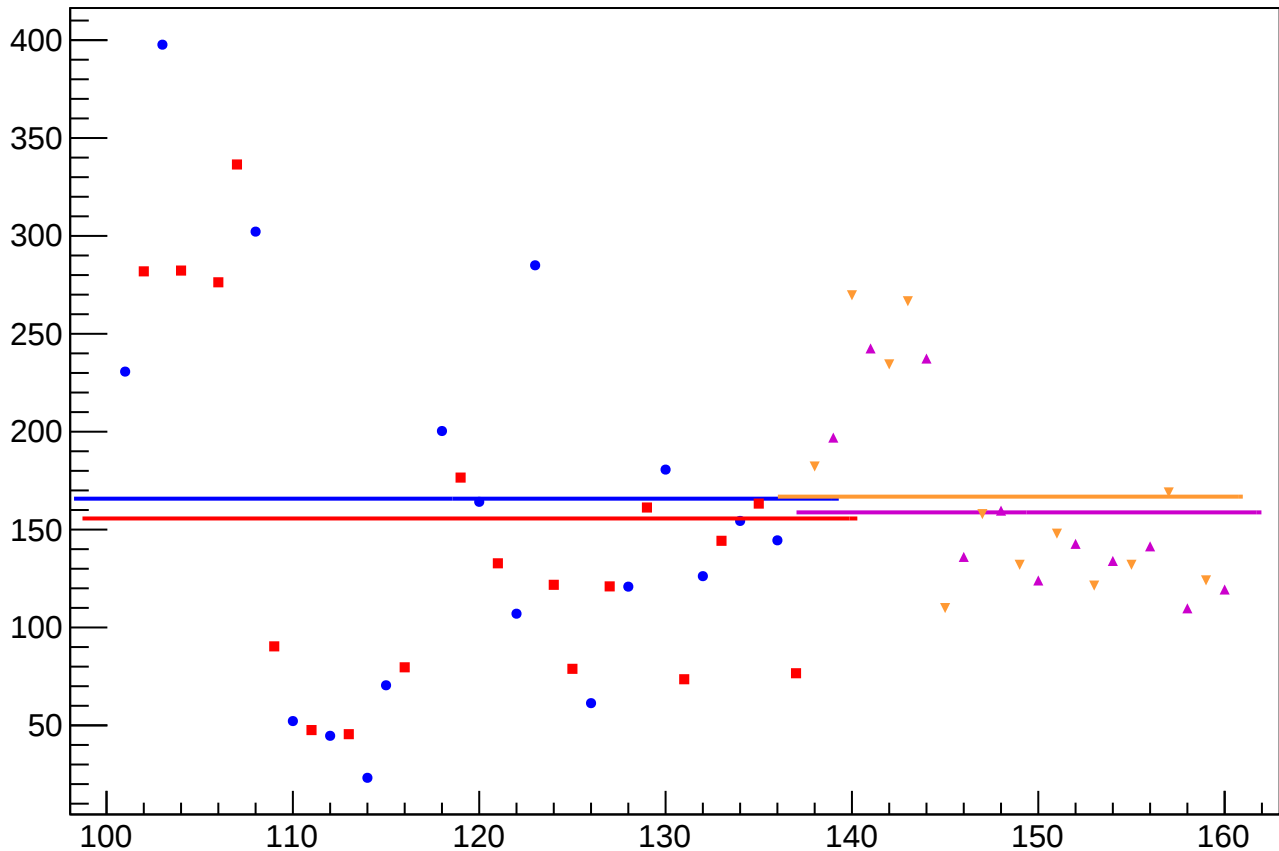
dit_sam7_coil4_mean vs Slug



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

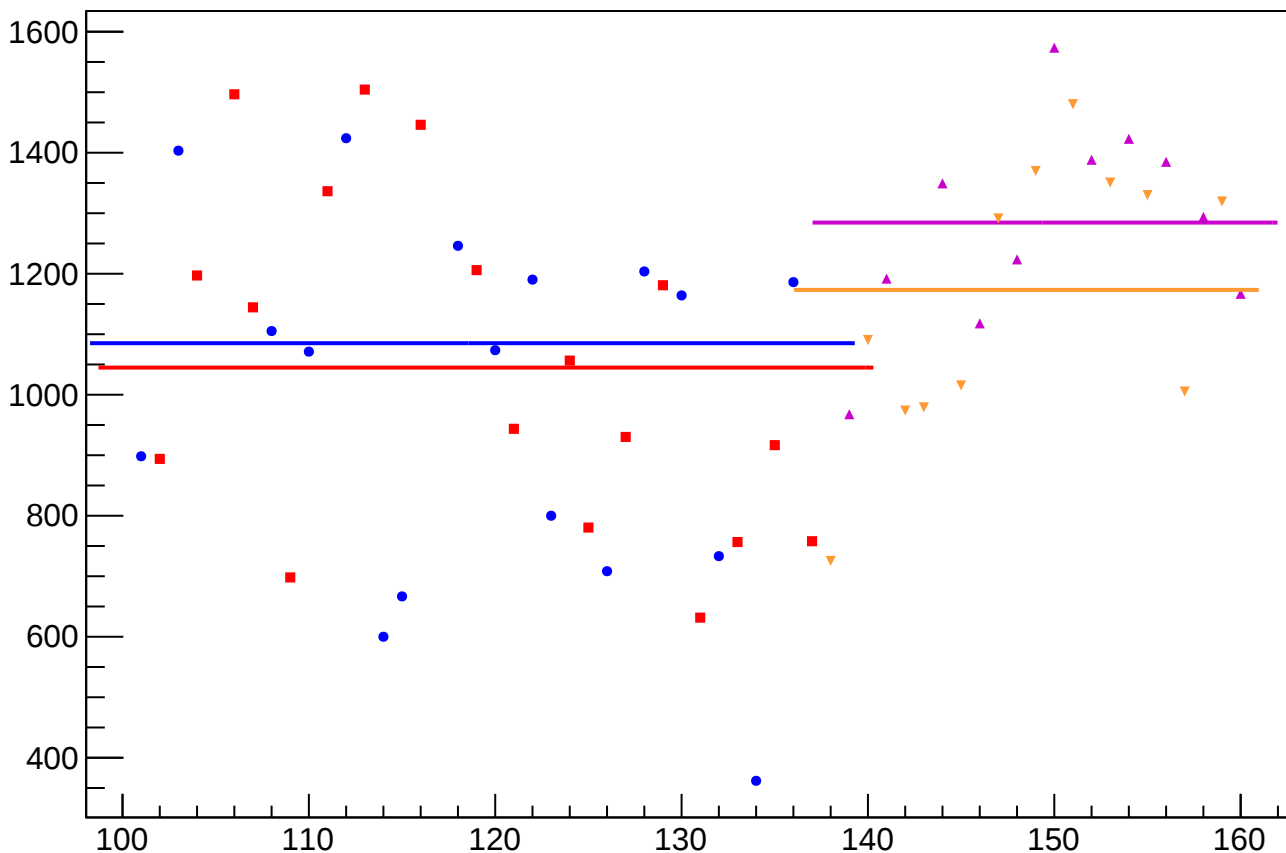
dit_sam7_coil4_err_mean vs Slug



Right In: 165.791+/-0.000	χ^2/NDF : 6599926309722586861325010177468923904.0/16
Left Out: 166.830+/-0.000	χ^2/NDF : 2570249887219169860921416363043454976.0/11
Right Out: 155.674+/-0.000	χ^2/NDF : 5506170000172026486696305926028132352.0/17
Left In: 158.786+/-0.000	χ^2/NDF : 1841518274242064728634139939665084416.0/10

+ sign 166.380+/-0.000 χ^2/NDF : 917060071056293
 All: 161.846+/-0.000 χ^2/NDF : 16587221574
 - sign 157.436+/-0.000 χ^2/NDF : 735160811086087

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

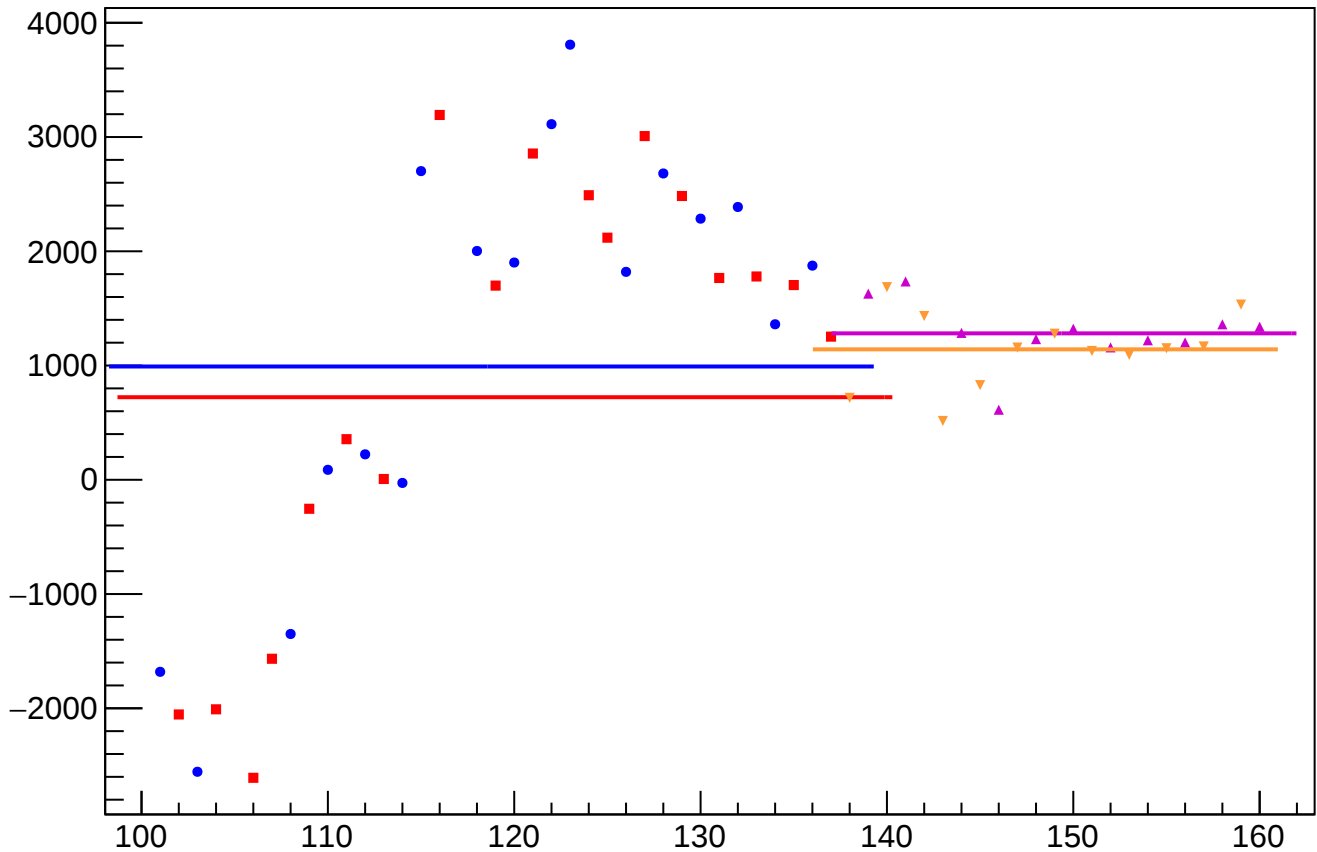
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam8_coil4_mean vs Slug



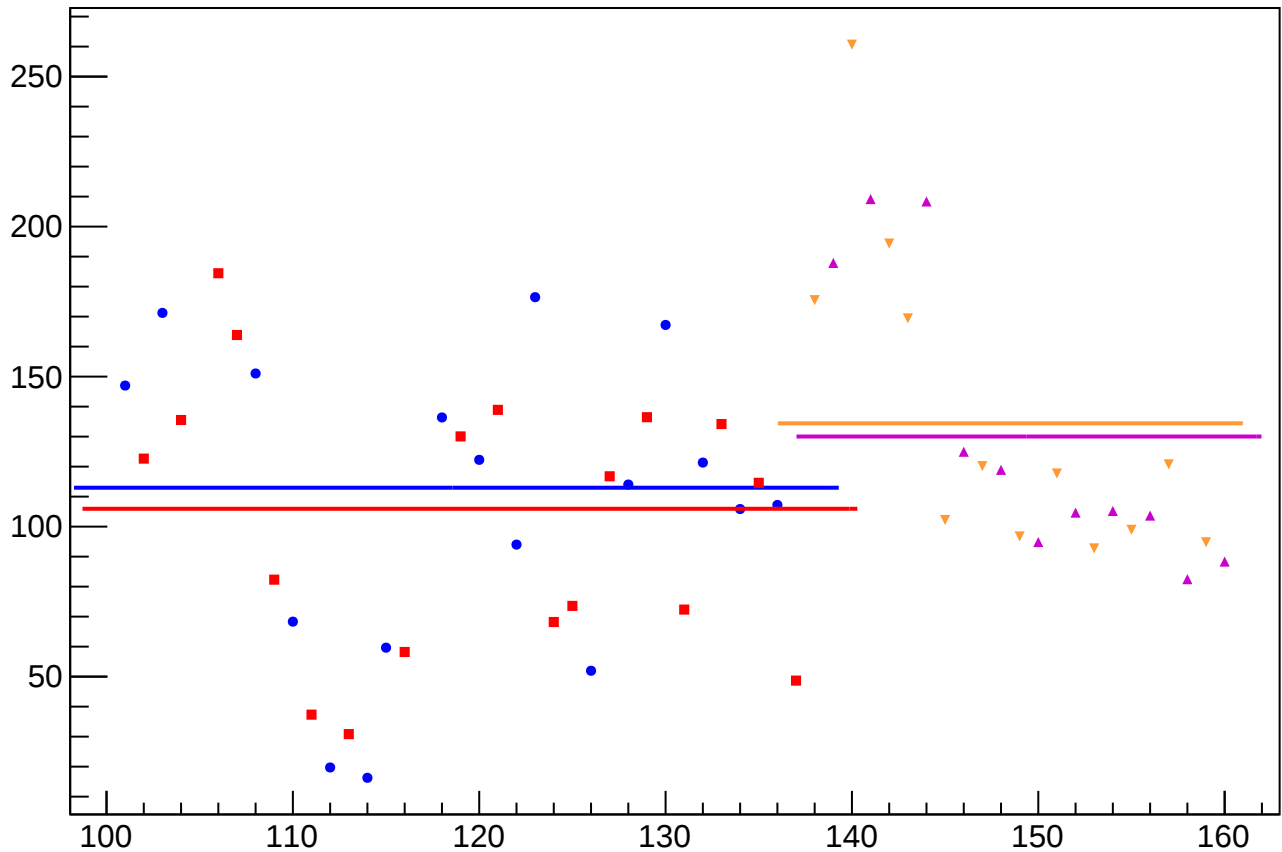
Right In: 991.656+/-0.000	χ^2/NDF : 2196543485135713219136059560633443549184.0/16
Left Out: 1141.755+/-0.000	χ^2/NDF : 90353942436830856594949216052979957760.0/11
Right Out: 722.834+/-0.000	χ^2/NDF : 2430230107927732709008698791969328988160.0/17
Left In: 1281.659+/-0.000	χ^2/NDF : 67729567822989794442627212039346454528.0/10

+ sign 1076.771+/-0.000 χ^2/NDF : 22957638189544

All: 1057.729+/-0.000 χ^2/NDF : 49212801436

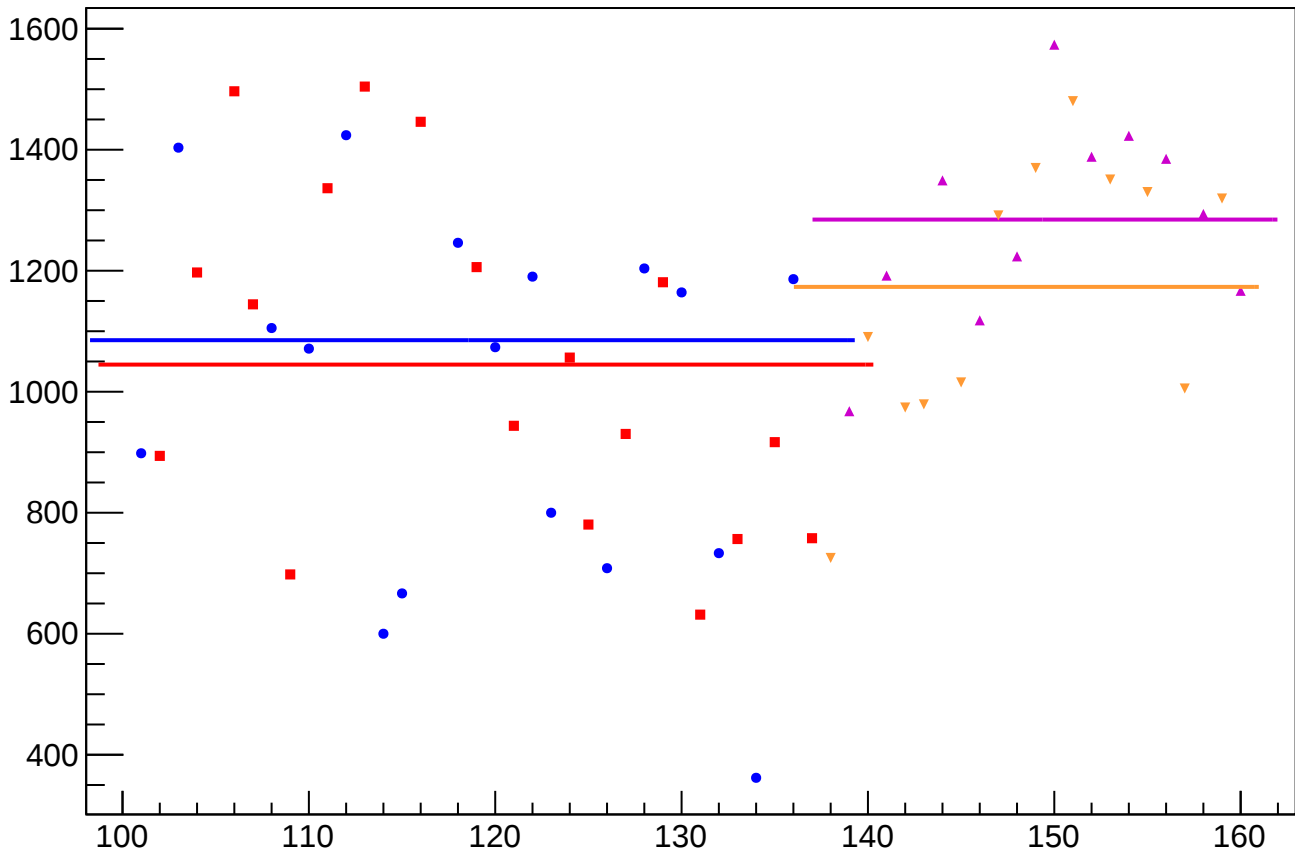
- sign 1039.207+/-0.000 χ^2/NDF : 26243697122879

dit_sam8_coil4_err_mean vs Slug

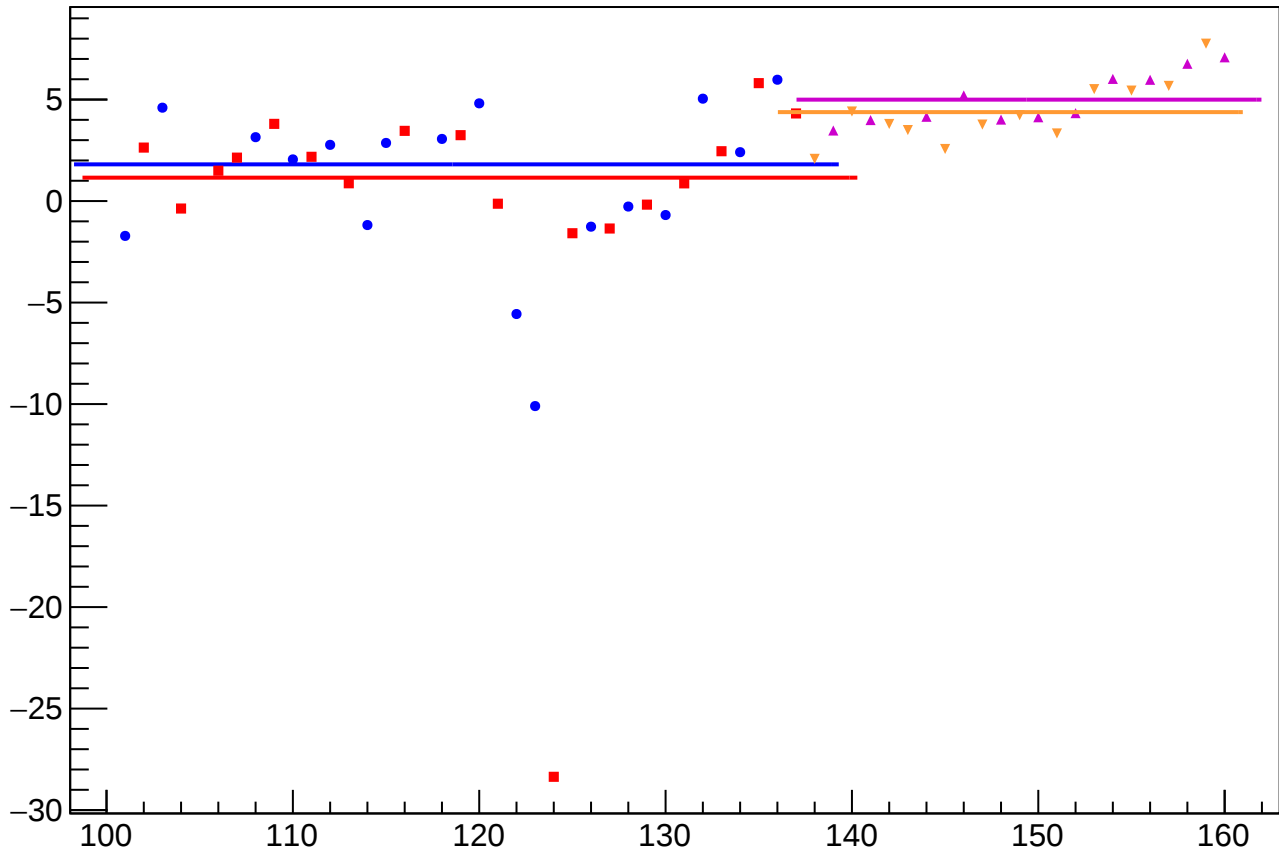


Right In: 112.967 $\pm$ 0.000 χ^2 /NDF: 1352482381635393188272506664826961920.0/16
 Left Out: 134.431 $\pm$ 0.000 χ^2 /NDF: 2310662516274369890170239716283121664.0/11
 Right Out: 105.949 $\pm$ 0.000 χ^2 /NDF: 1242528444706792757388488213889286144.0/17
 Left In: 130.030 $\pm$ 0.000 χ^2 /NDF: 1968681434700847172167982931920289792.0/10
 All: 122.322 $\pm$ 0.000 χ^2 /NDF: 731548067843
 + sign 125.138 $\pm$ 0.000 χ^2 /NDF: 384444618393612
 - sign 119.582 $\pm$ 0.000 χ^2 /NDF: 344594774773505

dit_sam8_coil4_Ndata_mean vs Slug



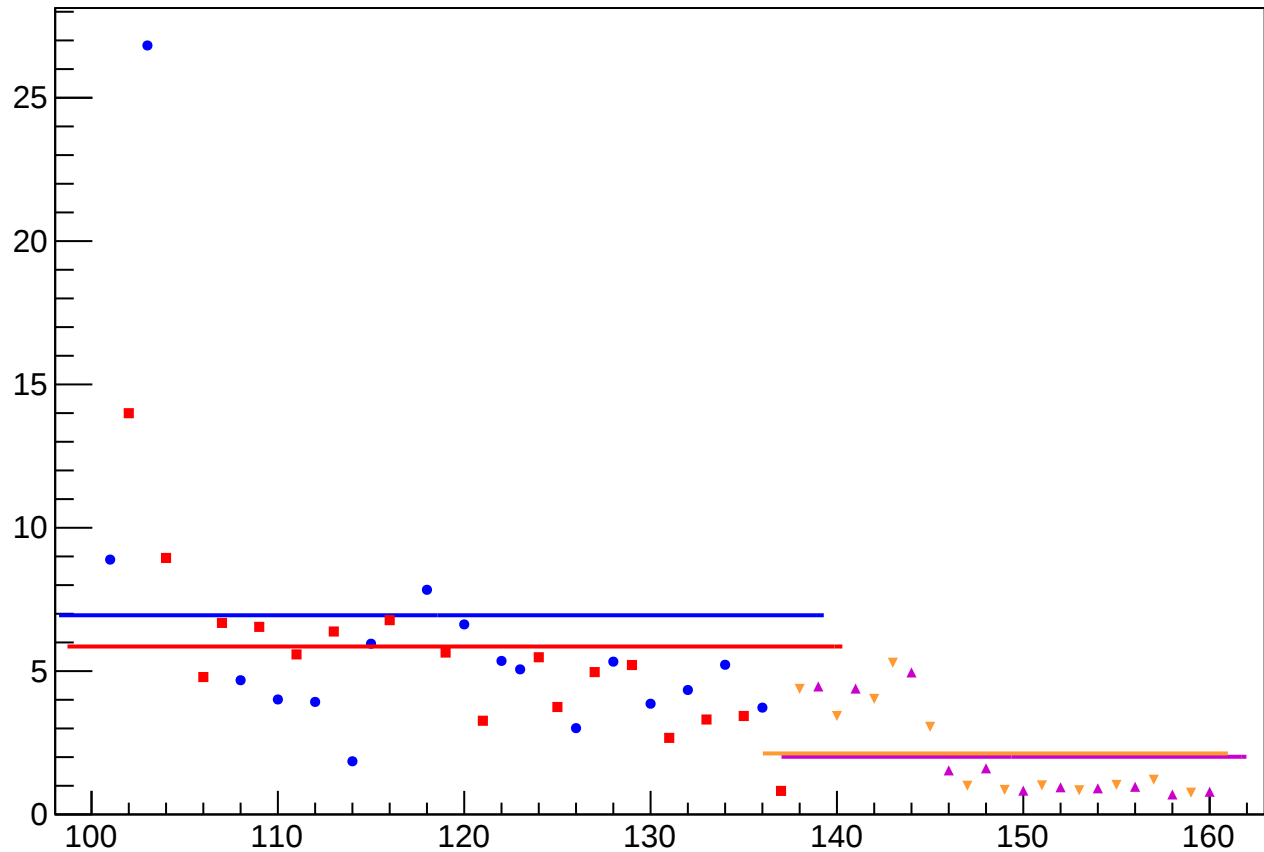
dit_4aX_coil6_mean vs Slug



Right In: 1.808+/-0.000	χ^2/NDF : 7527409924358699638476786257362944.0/16
Left Out: 4.381+/-0.000	χ^2/NDF : 20864436713115253252222433361920.0/11
Right Out: 1.152+/-0.000	χ^2/NDF : 15220659080427743810069153064157184.0/17
Left In: 4.995+/-0.000	χ^2/NDF : 1311384685098121552827321556140032.0/10

+ sign 3.267+/-0.000 χ^2/NDF : 12219213675527830
 All: 3.298+/-0.000 χ^2/NDF : 3473162635414
 - sign 3.328+/-0.000 χ^2/NDF : 22509376650235287

dit_4aX_coil6_err_mean vs Slug



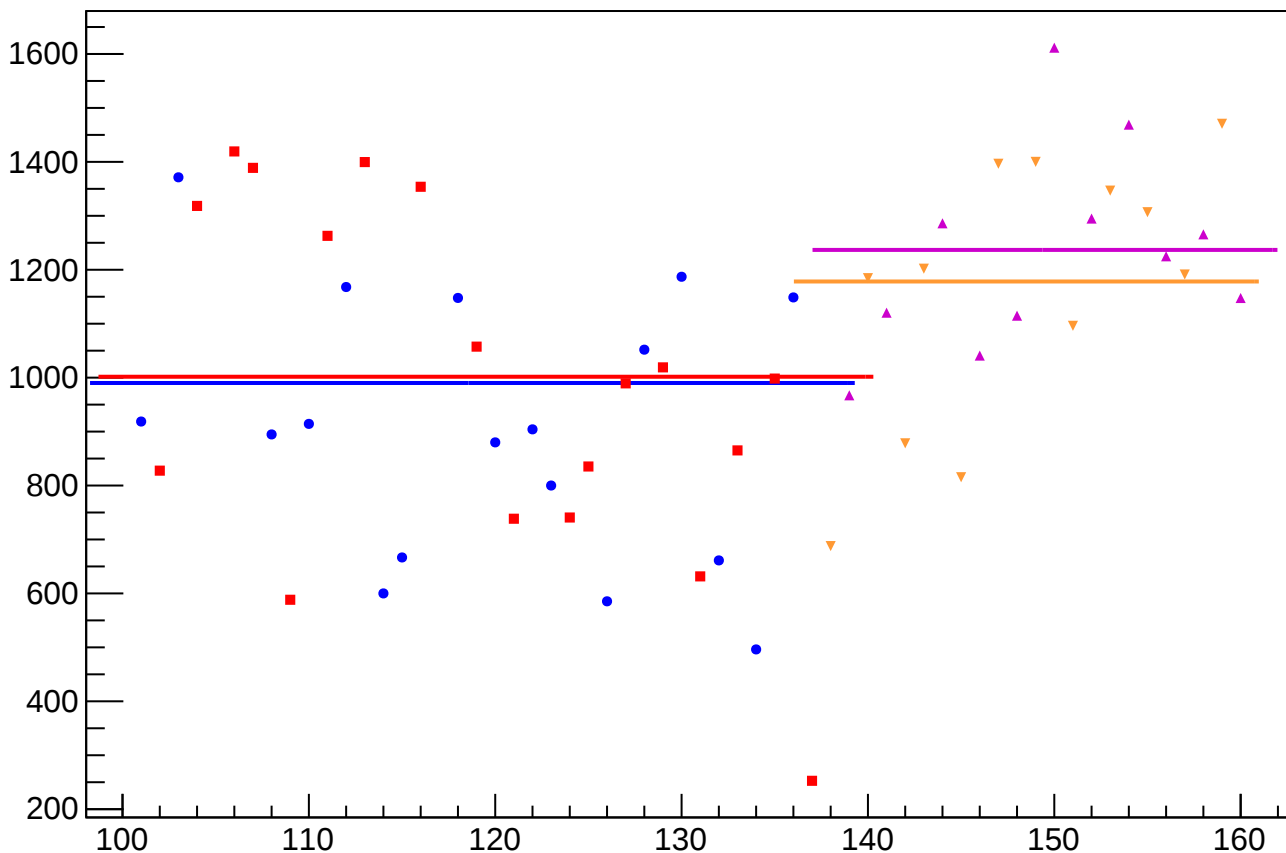
Right In: 6.948 $\pm$ 0.000 χ^2 /NDF: 27500472377838631302114625925939200.0/16

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: 245558748650389464574895818014720.0/10

dit_4aX_coil6_Ndata_mean vs Slug



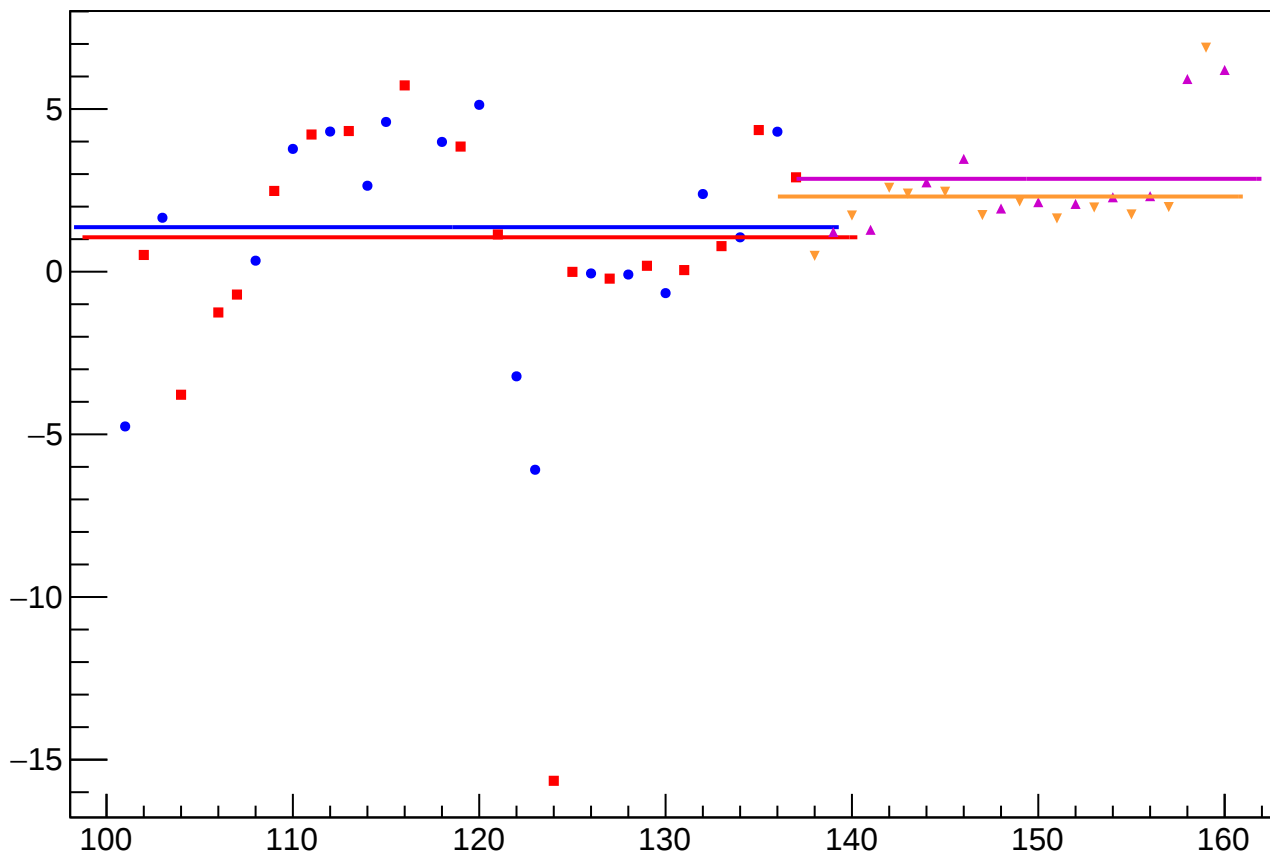
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_4eX_coil6_mean vs Slug



Right In: 1.369+/-0.000 χ^2/NDF : 6191636339009546001582067680280576.0/16

Left Out: 2.311+/-0.000 χ^2/NDF : 2071801880392961895564472831967232.0/11

Right Out: 1.058+/-0.000 χ^2/NDF : 8169457084716591134016374239657984.0/17

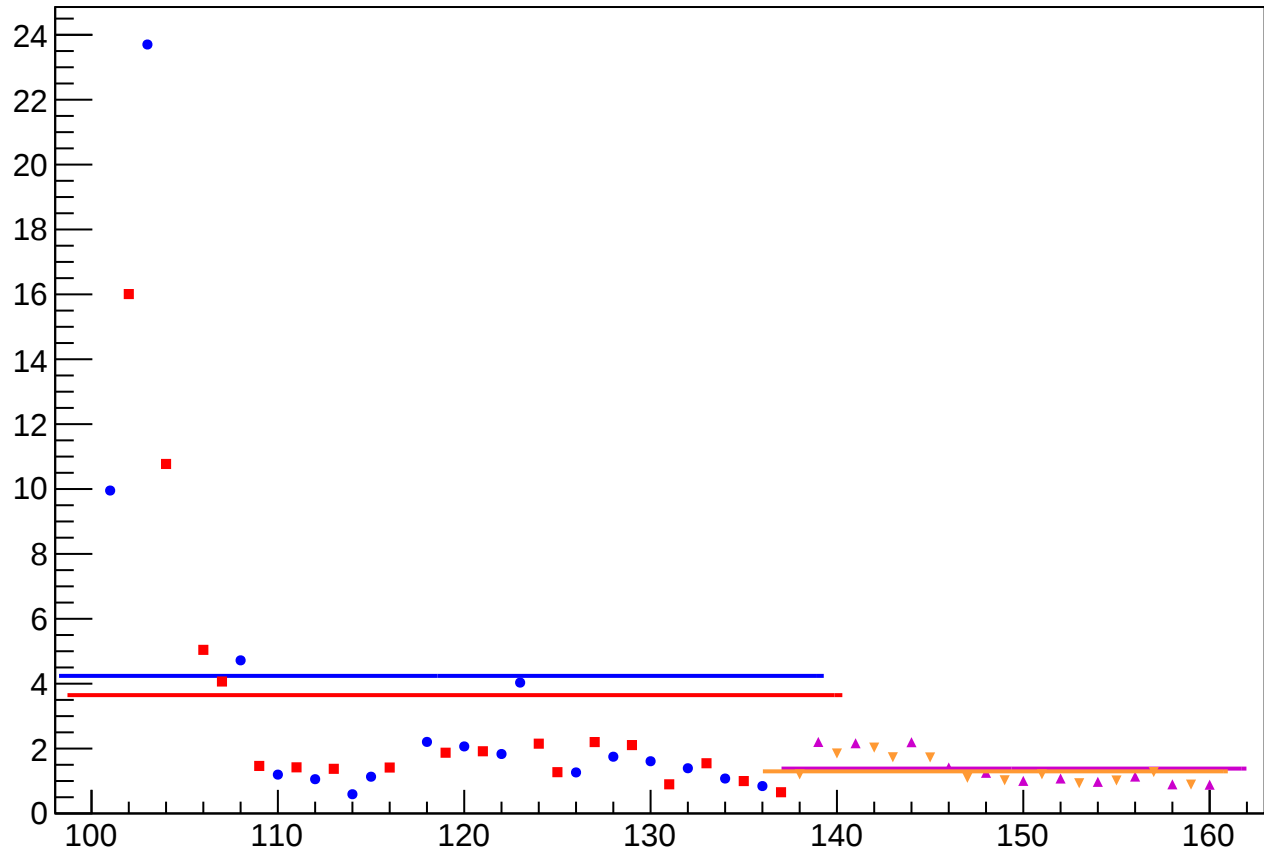
Left In: 2.855+/-0.000 χ^2/NDF : 2369235409930855719380632706482176.0/10

All: 1.990+/-0.000 χ^2/NDF : 20482924206174

+ sign 1.903+/-0.000 χ^2/NDF : 86127083218748771

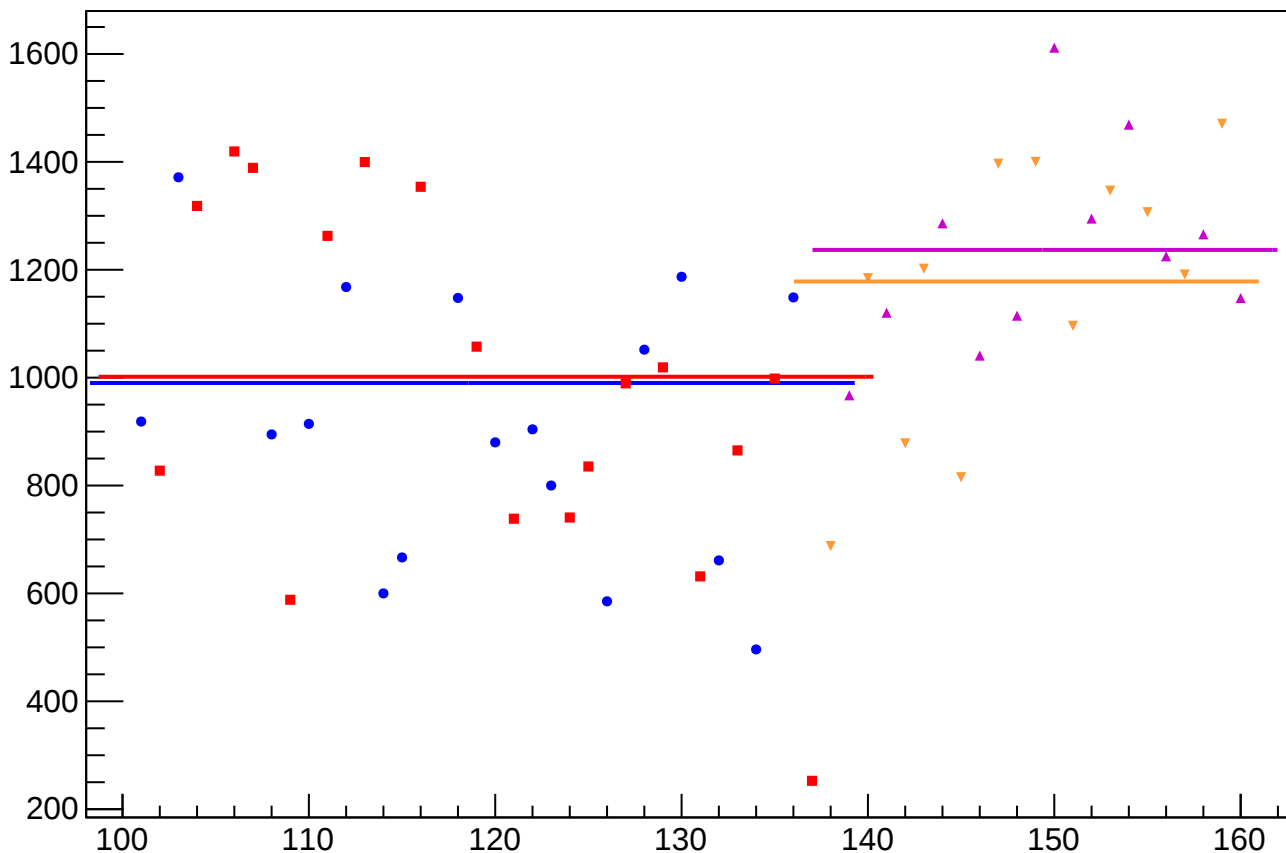
- sign 2.075+/-0.000 χ^2/NDF : 11846065115872155

dit_4eX_coil6_err_mean vs Slug



Right In: 4.241+/-0.000 χ^2/NDF : 28619887598660619239245868781535232.0/16
 Left Out: 1.298+/-0.000 χ^2/NDF : 118446025514580512304684144263168.0/11
 Right Out: 3.647+/-0.000 χ^2/NDF : 14024721044013316870032890924105728.0/17
 Left In: 1.383+/-0.000 χ^2/NDF : 247273414234626472508051064619008.0/10
 All: 2.467+/-0.000 χ^2/NDF : 48528176653115
 + sign 2.572+/-0.000 χ^2/NDF : 32146112693361861
 - sign 2.365+/-0.000 χ^2/NDF : 16347333794240180

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

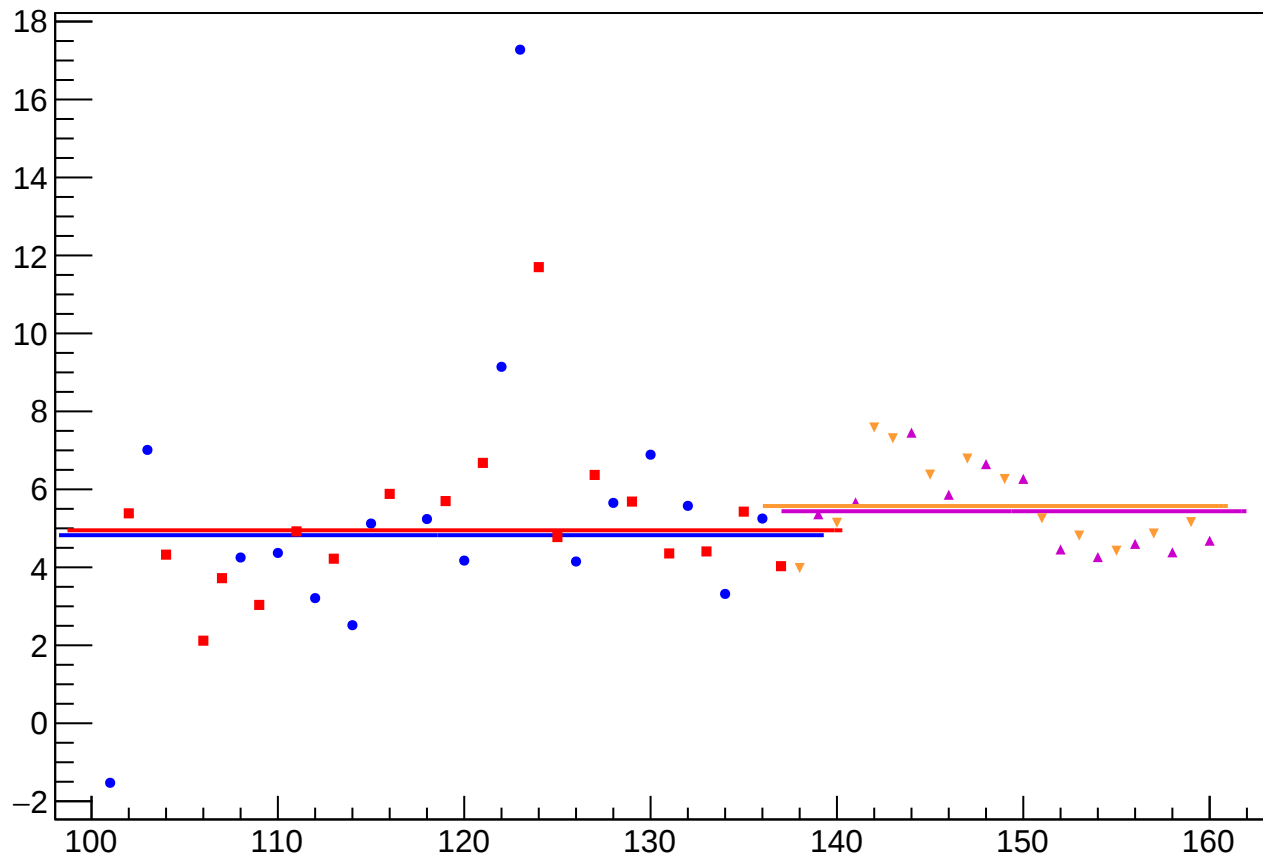
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

dit_11X12X_coil6_mean vs Slug



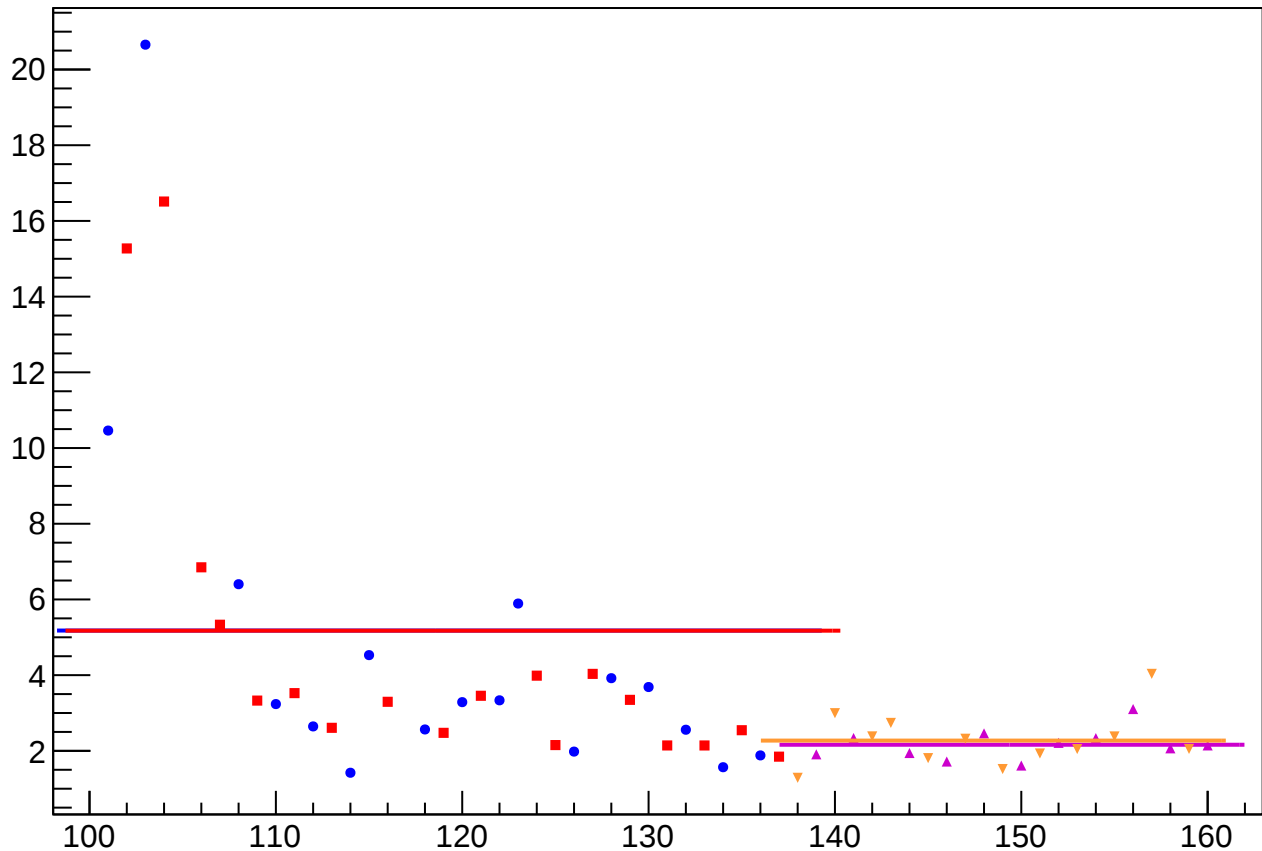
Right In: 4.824 $\pm$ 0.000 χ^2 /NDF: 4654072520475619864481183580553216.0/16

Left Out: 5.572 $\pm$ 0.000 χ^2 /NDF: 1020095199313484832120025296928768.0/11

Right Out: 4.950 $\pm$ 0.000 χ^2 /NDF: 1515007904318518564448163120283648.0/17

Left In: 5.439 $\pm$ 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

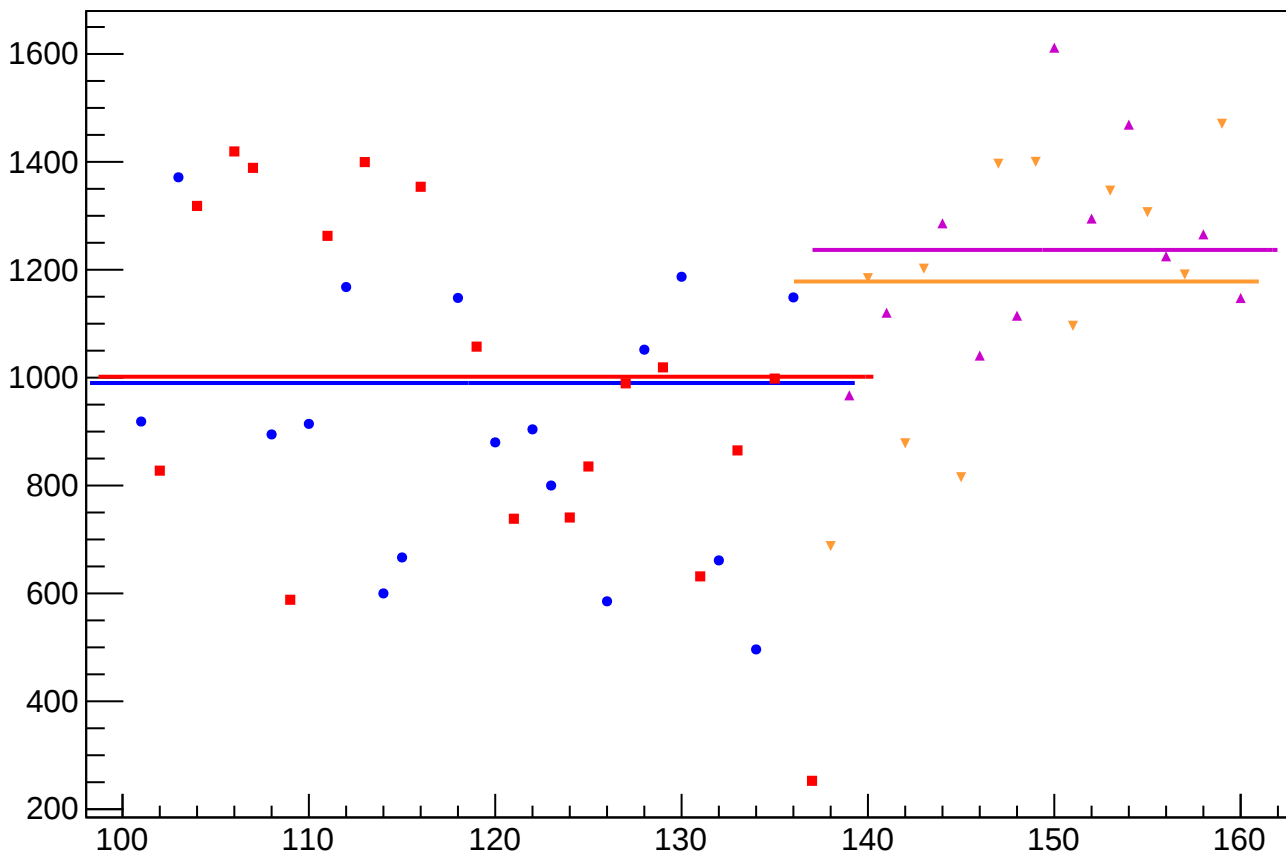
Left In: 2.161+/-0.000 χ^2/NDF : 138371088754302765080927377817600.0/10

+ 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



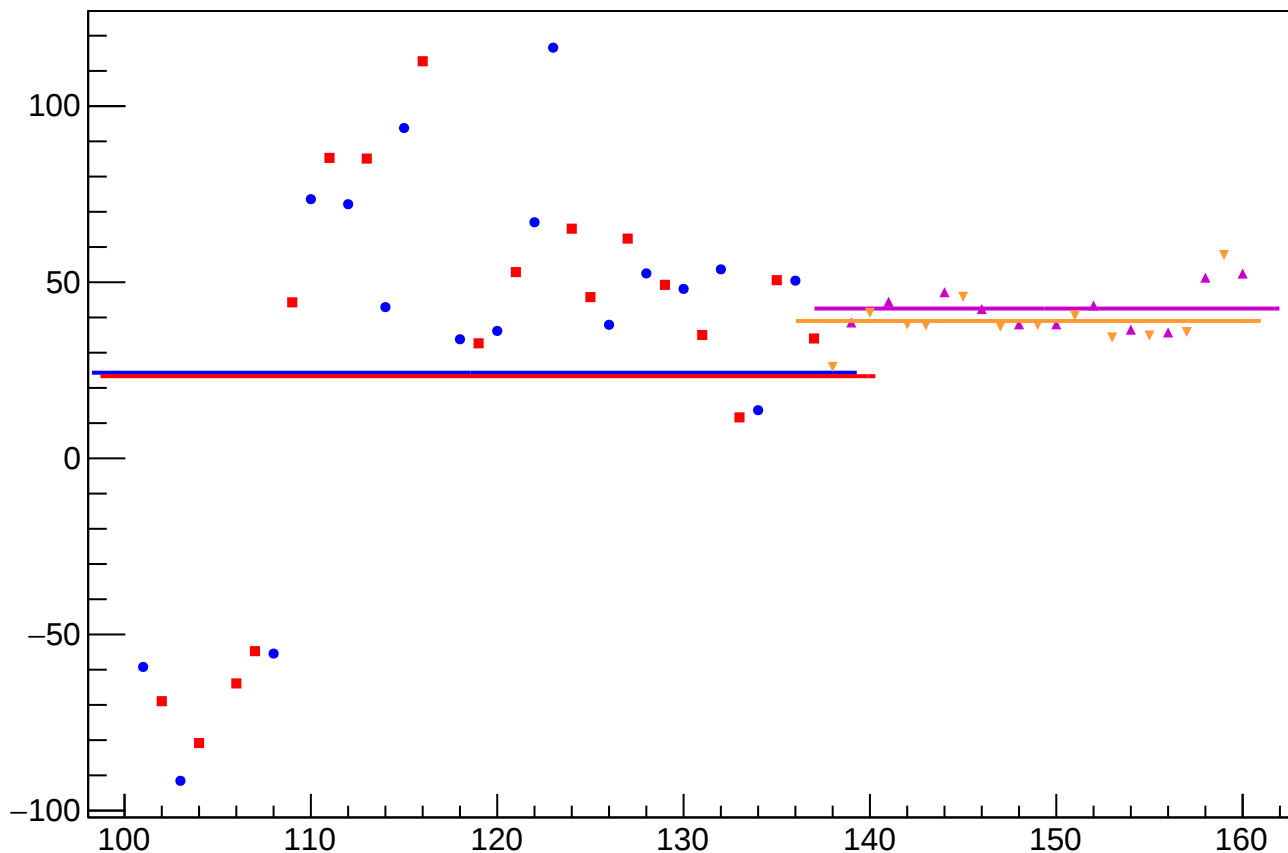
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

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+/-0.000 χ^2/NDF : 2002814634195538334157710520710332416.0/16

Left Out: 39.019+/-0.000 χ^2/NDF : 50102899546886796047994324336508928.0/11

Right Out: 23.323+/-0.000 χ^2/NDF : 2300287491781415748029178925971144704.0/17

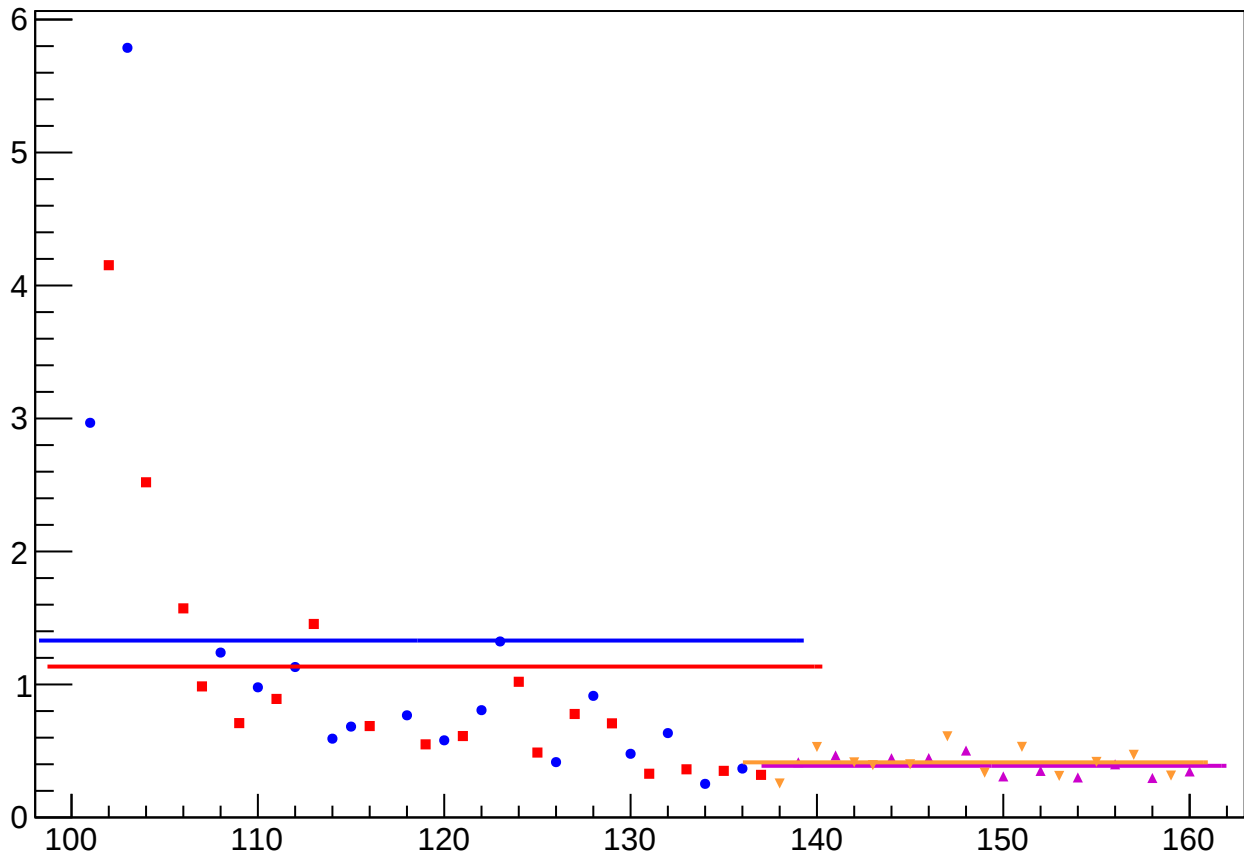
Left In: 42.534+/-0.000 χ^2/NDF : 28373028064789967113556541703192576.0/10

+ sign 32.655+/-0.000 χ^2/NDF : 2137967707580672

All: 33.438+/-0.000 χ^2/NDF : 4617966281278

- sign 34.199+/-0.000 χ^2/NDF : 2478060660645890

dit_4aY_coil6_err_mean vs Slug



Right In: 1.330+/-0.000 χ^2/NDF : 1603106167275520107151234942631936.0/16

Left Out: 0.414+/-0.000 χ^2/NDF : 9567880309690591091908795170816.0/11

Right Out: 1.135+/-0.000 χ^2/NDF : 803137408294494563054397652205568.0/17

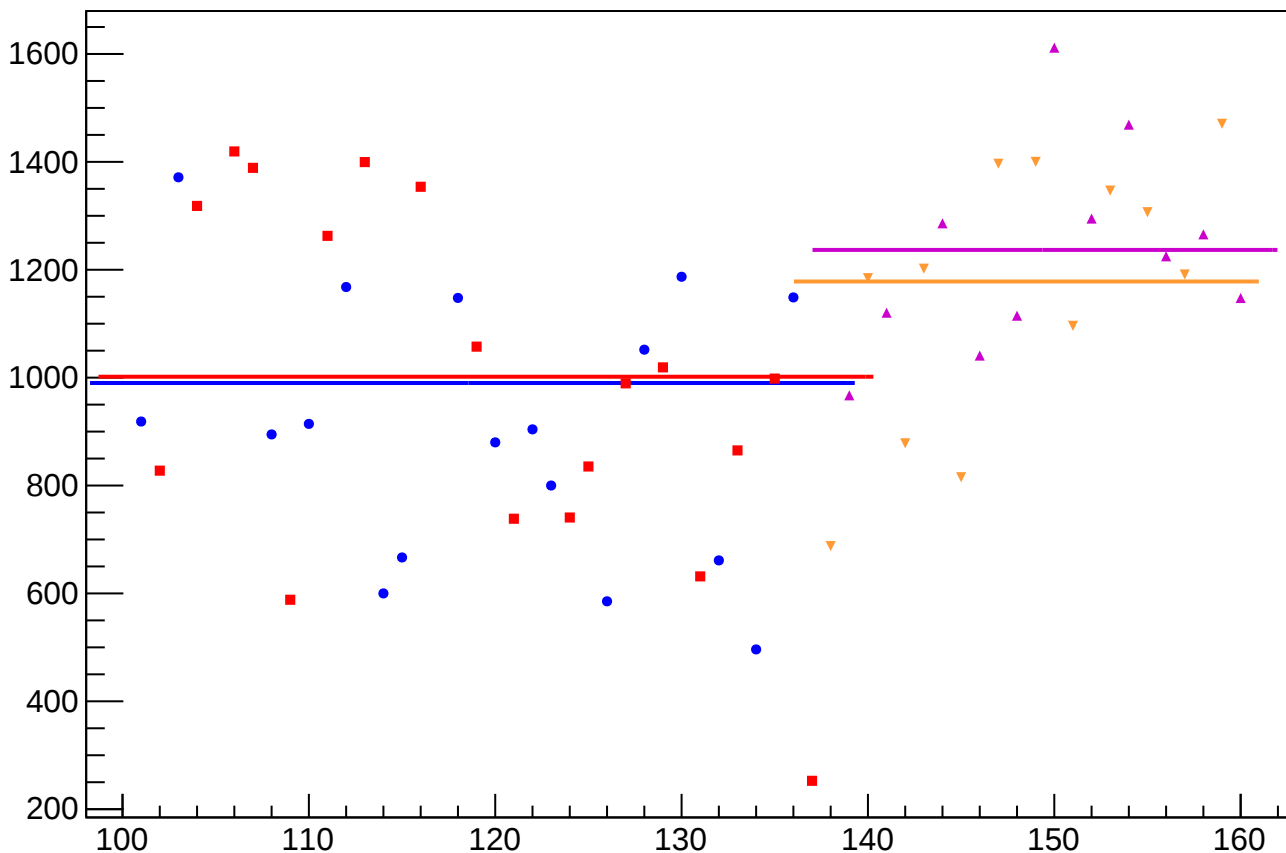
Left In: 0.388+/-0.000 χ^2/NDF : 4478292013674144747987763462144.0/10

+ 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



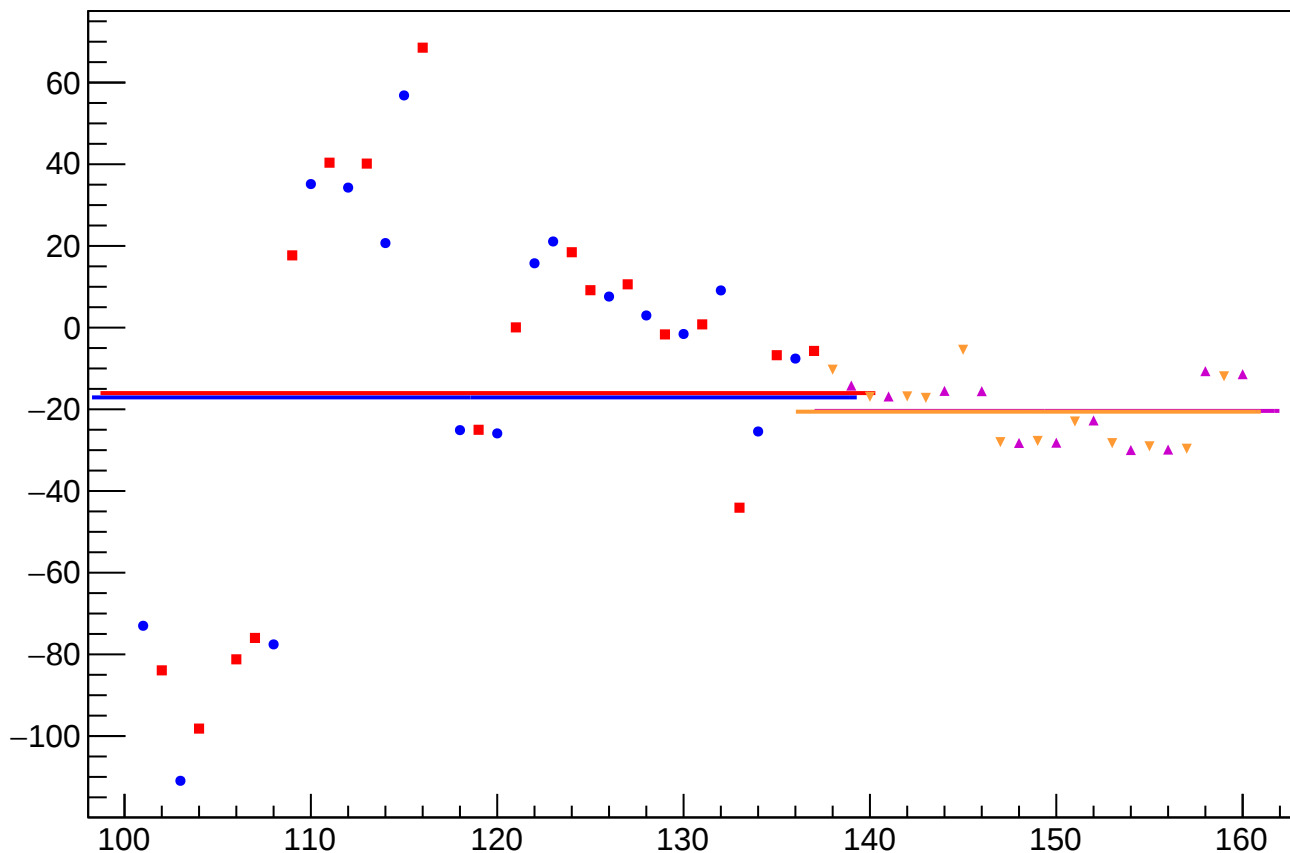
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

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

dit_4eY_coil6_mean vs Slug



Right In: -17.080 ± 0.000 χ^2/NDF : 1305852396524110552444351569704517632.0/16

Left Out: -20.578 ± 0.000 χ^2/NDF : 60639888412264927004894637808680960.0/11

Right Out: -16.026 ± 0.000 χ^2/NDF : 1544075638091019901834252047429402624.0/17

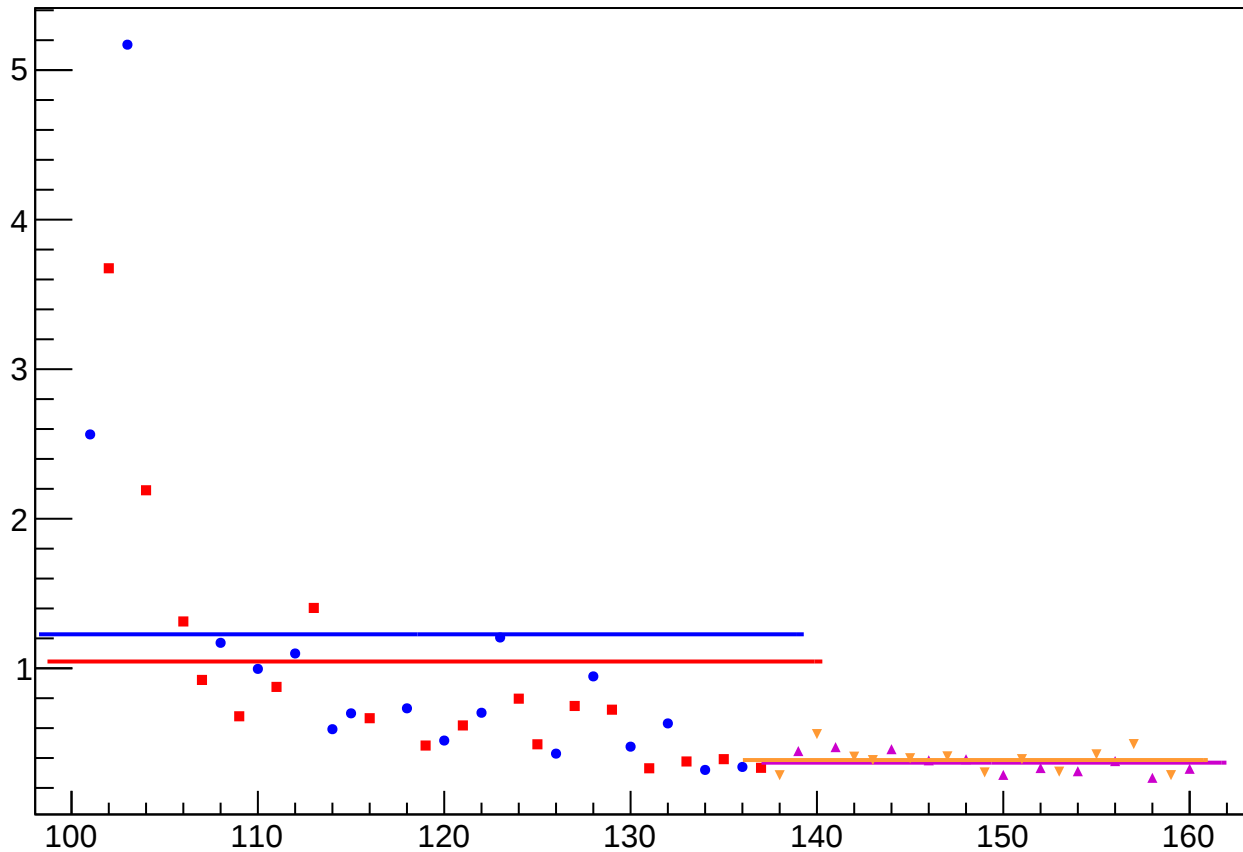
Left In: -20.391 ± 0.000 χ^2/NDF : 49123532237880600080923761508876288.0/10

+ sign -19.064 ± 0.000 χ^2/NDF : 137130924421391

All: -18.777 ± 0.000 χ^2/NDF : 297248161358

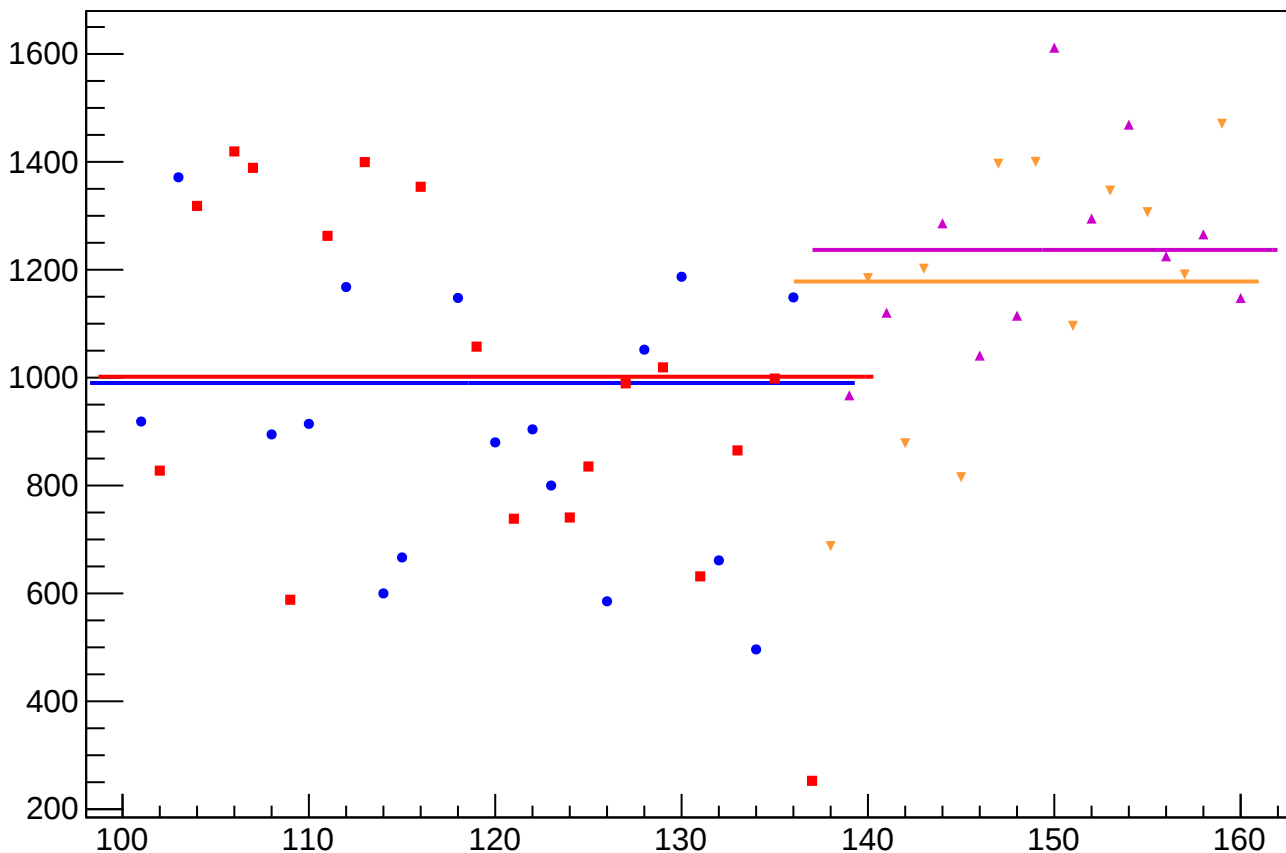
- sign -18.497 ± 0.000 χ^2/NDF : 1600911922183748

dit_4eY_coil6_err_mean vs Slug



Right In: 1.227 $\pm$ 0.000	χ^2 /NDF: 1236268785411842731770087408140288.0/16
Left Out: 0.386 $\pm$ 0.000	χ^2 /NDF: 6218656899307774549221745623040.0/11
Right Out: 1.045 $\pm$ 0.000	χ^2 /NDF: 600057841416365938926945245855744.0/17
Left In: 0.369 $\pm$ 0.000	χ^2 /NDF: 4180194840459374093507993010176.0/10
+ sign 0.750 $\pm$ 0.000 χ^2 /NDF: 15206869652247083.0/11 All: 0.706 $\pm$ 0.000 χ^2 /NDF: 23164479999377.0/11 - sign 0.662 $\pm$ 0.000 χ^2 /NDF: 78945868116819838.0/11	

dit_4eY_coil6_Ndata_mean vs Slug



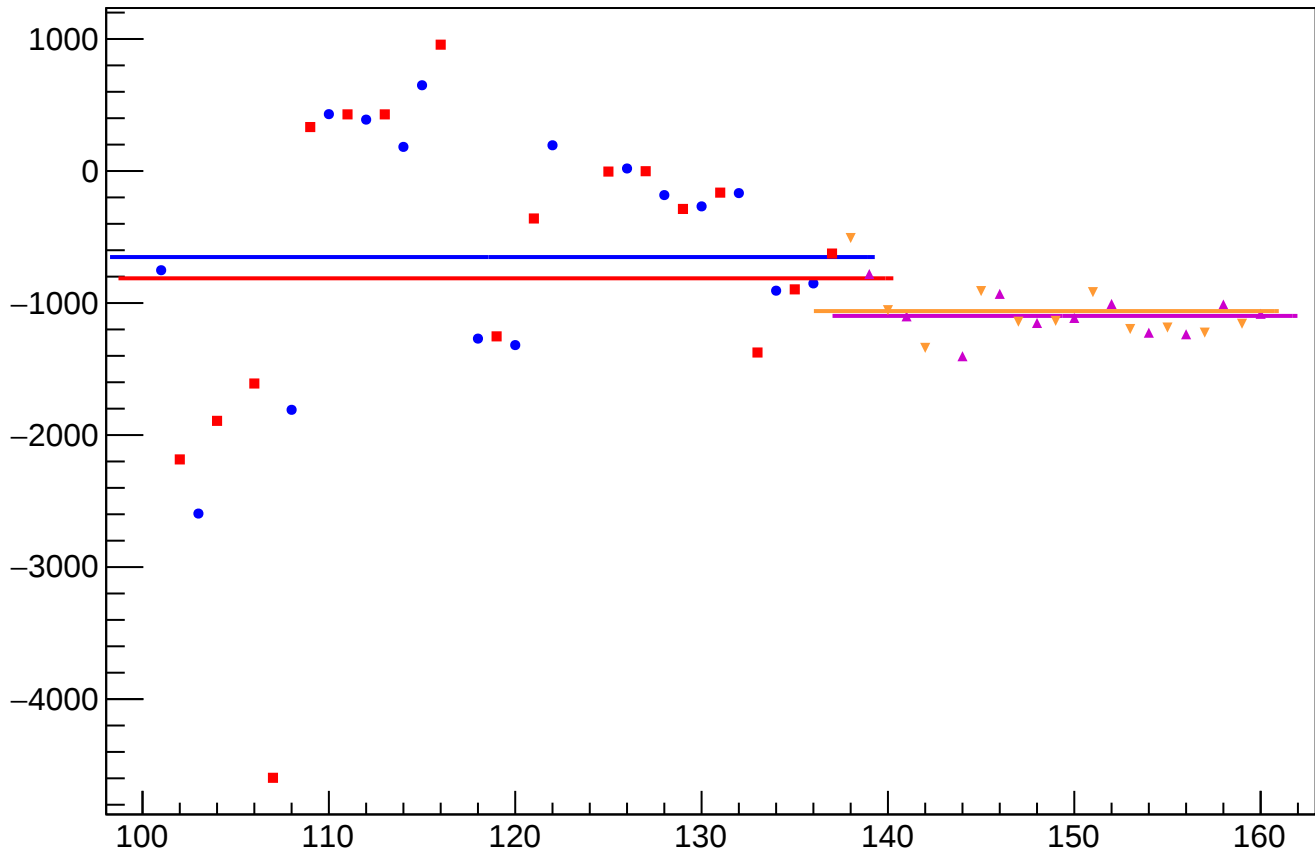
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

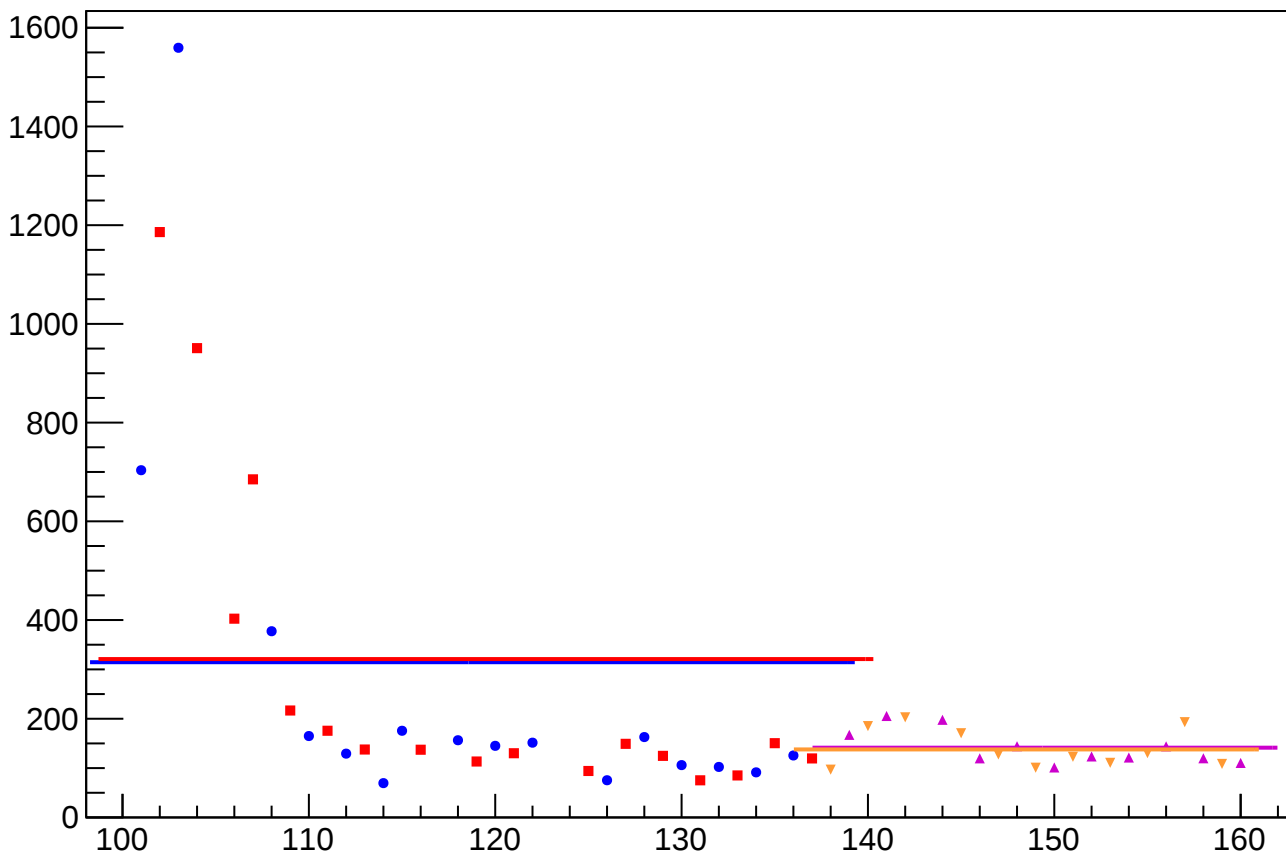
dit_usl_coil6_mean vs Slug



Right In: -651.720+/-0.000	χ^2/NDF : 515253429514141170908240824492993019904.0/15
Left Out: -1060.938+/-0.000	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

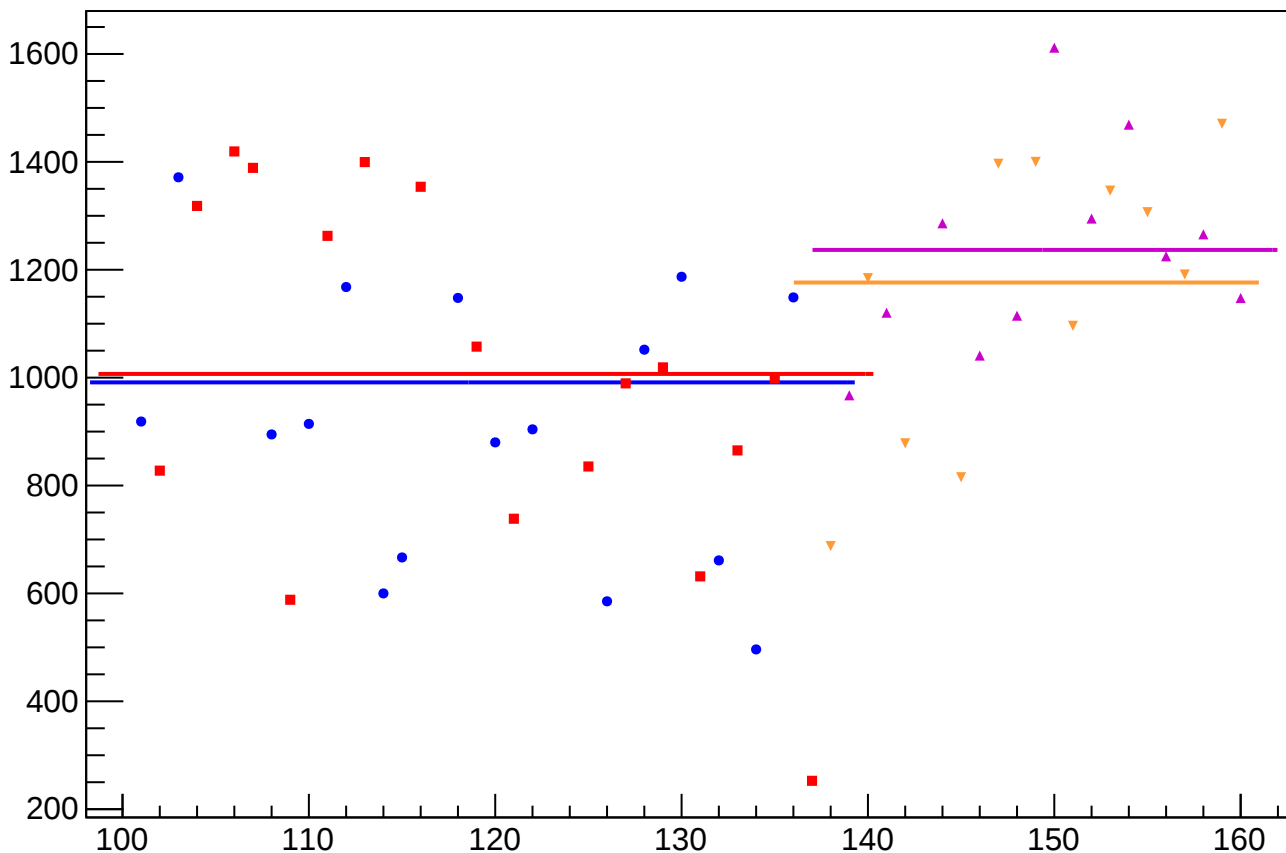
Left In: 141.362+/-0.000 χ^2/NDF : 1055012585821780249716984846873526272.0/10

+ 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

+ sign 1092.971+/-0.000 χ^2/NDF : 10187725269489

Left Out: 1176.365+/-0.000 χ^2/NDF : 52126967778678264824660469189129011200.0/10

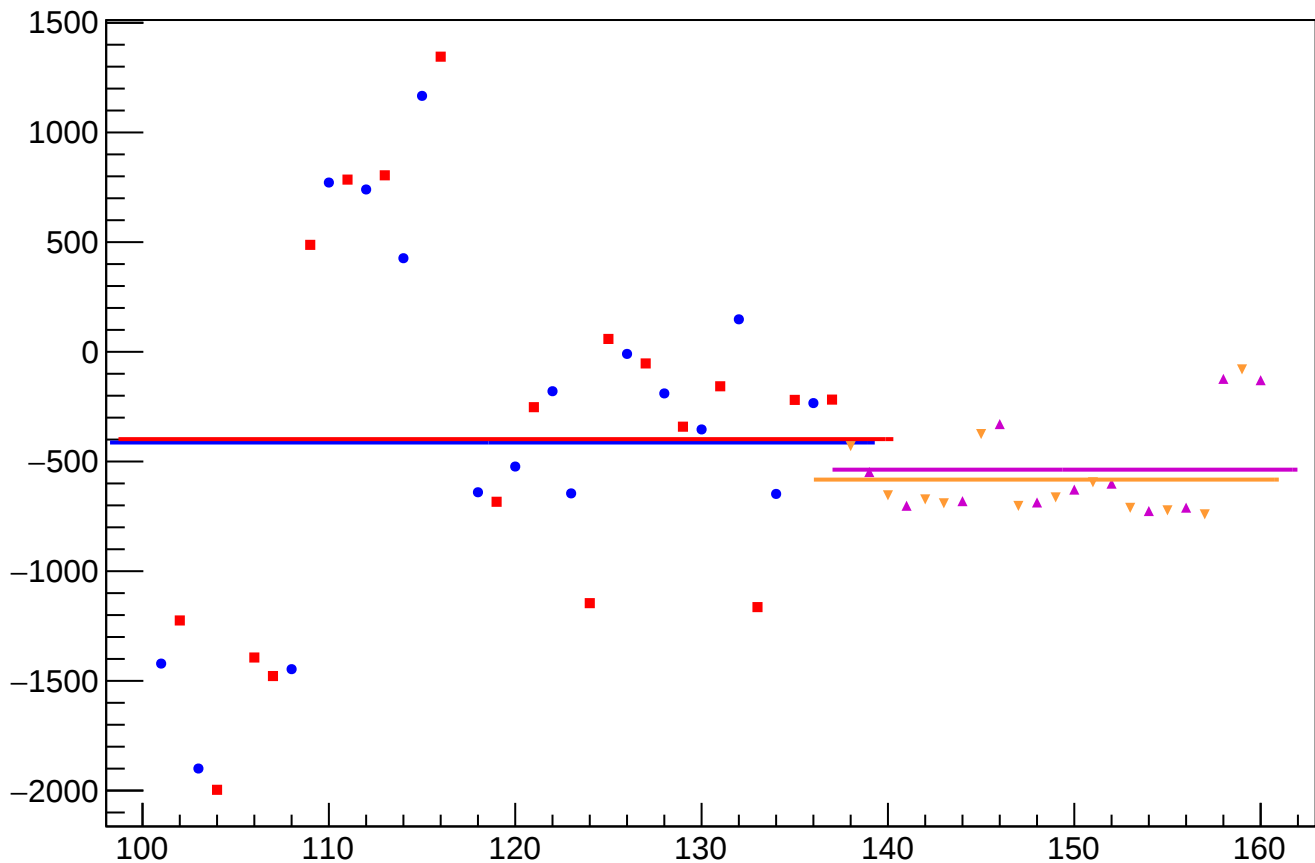
All: 1116.296+/-0.000 χ^2/NDF : 21533427694

Right Out: 1006.896+/-0.000 χ^2/NDF : 60379057385364851969891575322776698880.0/16

- sign 1138.165+/-0.000 χ^2/NDF : 11184206536219

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_usr_coil6_mean vs Slug



Right In: -413.418 ± 0.000 $\chi^2/\text{NDF}: 416661262936725907024907175037323182080.0/16$

Left Out: -582.459 ± 0.000 $\chi^2/\text{NDF}: 33467960128357815096221409884680224768.0/11$

Right Out: -397.961 ± 0.000 $\chi^2/\text{NDF}: 544622124437292502497528454351499034624.0/17$

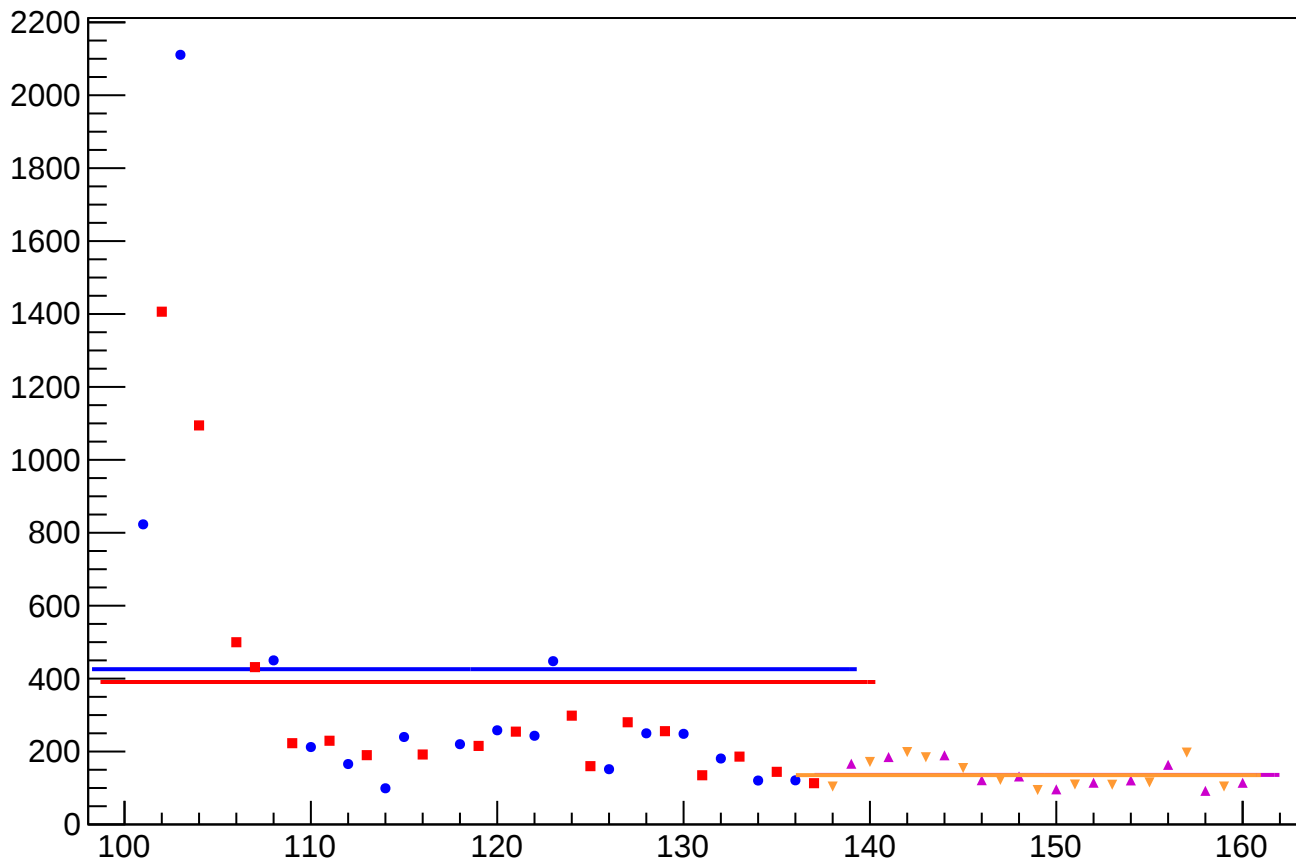
Left In: -537.163 ± 0.000 $\chi^2/\text{NDF}: 43957458836517899124048676659035897856.0/10$

+ sign -509.274 ± 0.000 $\chi^2/\text{NDF}: 46137454521581$

All: -492.797 ± 0.000 $\chi^2/\text{NDF}: 10586564487$

- sign -476.769 ± 0.000 $\chi^2/\text{NDF}: 596423297831722$

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

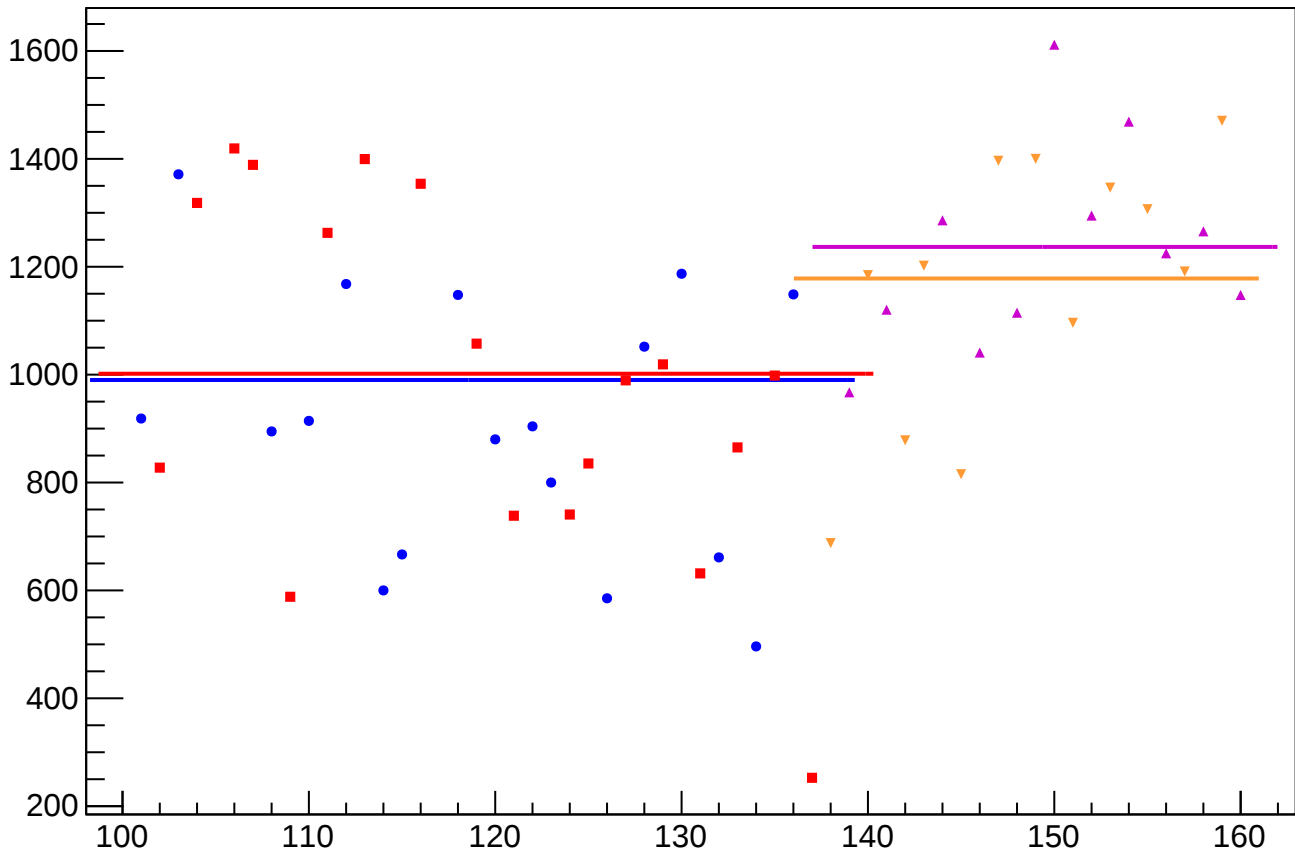
Left In: 135.877+/-0.000 χ^2/NDF : 1013407653524592727671386529217904640.0/10

+ 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



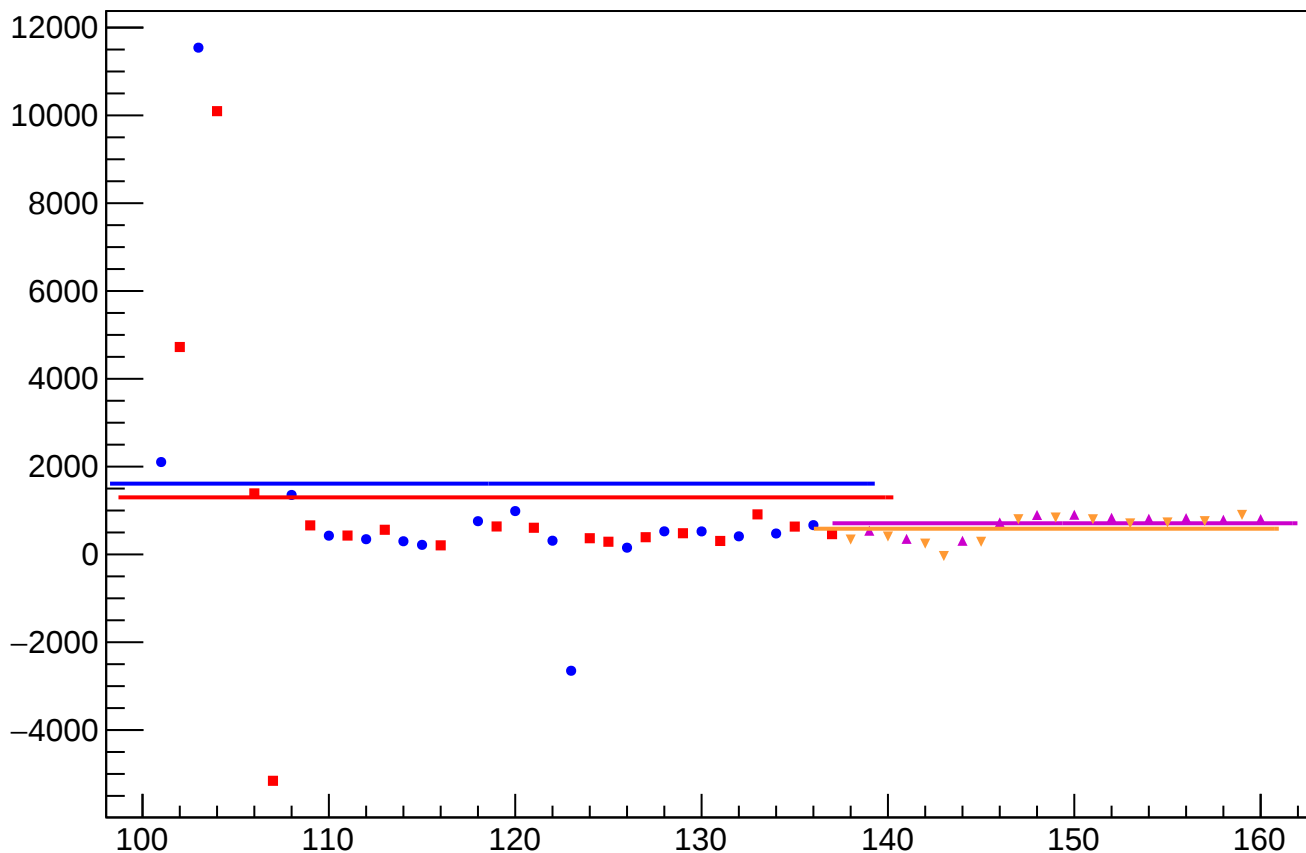
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

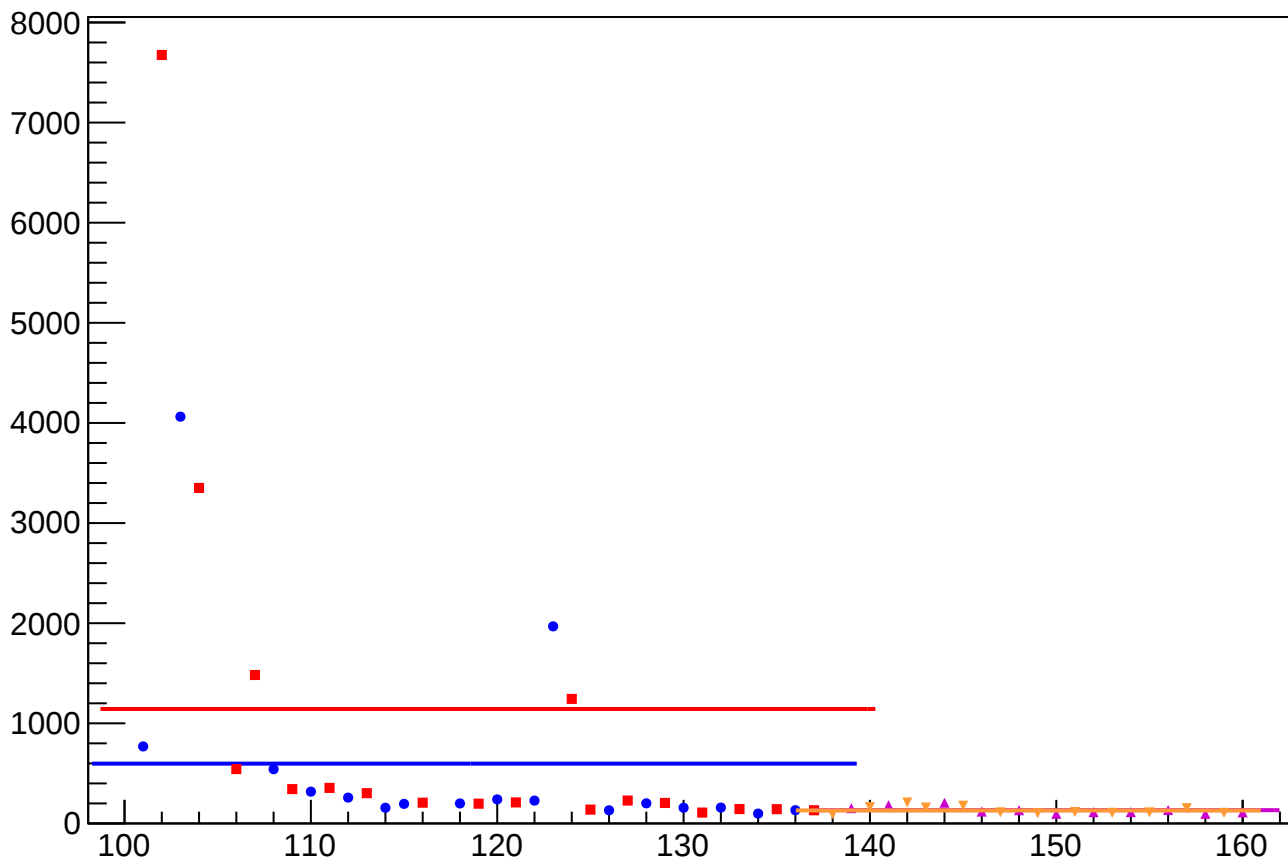
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

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

dit_atl1_coil6_err_mean vs Slug



Right In: 597.382+/-0.000 χ^2/NDF : 808468639420281882930484113186400239616.0/16

+ sign 332.376+/-0.000 χ^2/NDF : 895429505209557

Left Out: 130.051+/-0.000 χ^2/NDF : 1012152339815276325722639516246736896.0/11

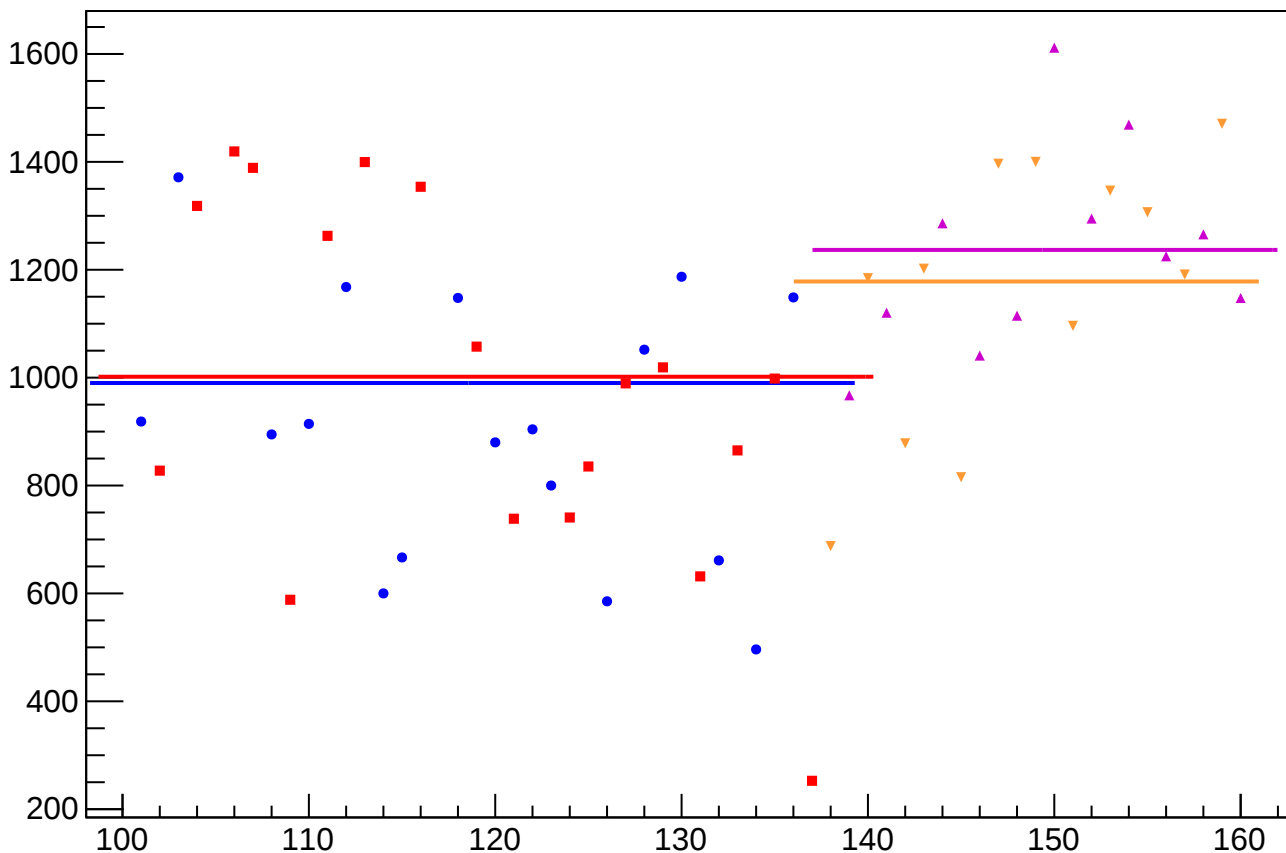
All: 453.389+/-0.000 χ^2/NDF : 454881016948

Right Out: 1143.180+/-0.000 χ^2/NDF : 3192644561132334907368616853810301632512.0/17

- sign 571.097+/-0.000 χ^2/NDF : 360707299311635

Left In: 132.683+/-0.000 χ^2/NDF : 1095069941425855295085560512768901120.0/10

dit_atl1_coil6_Ndata_mean vs Slug



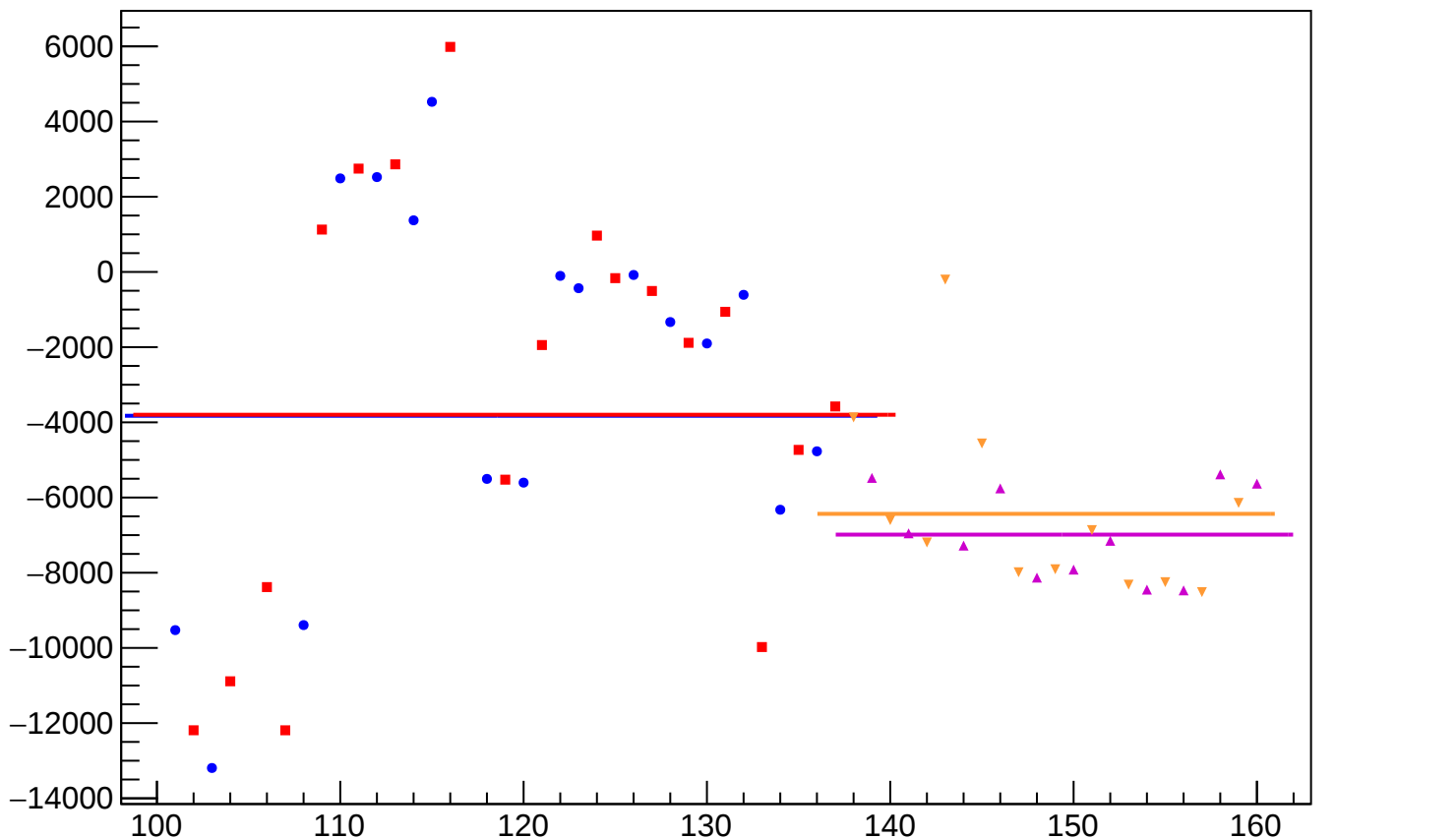
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

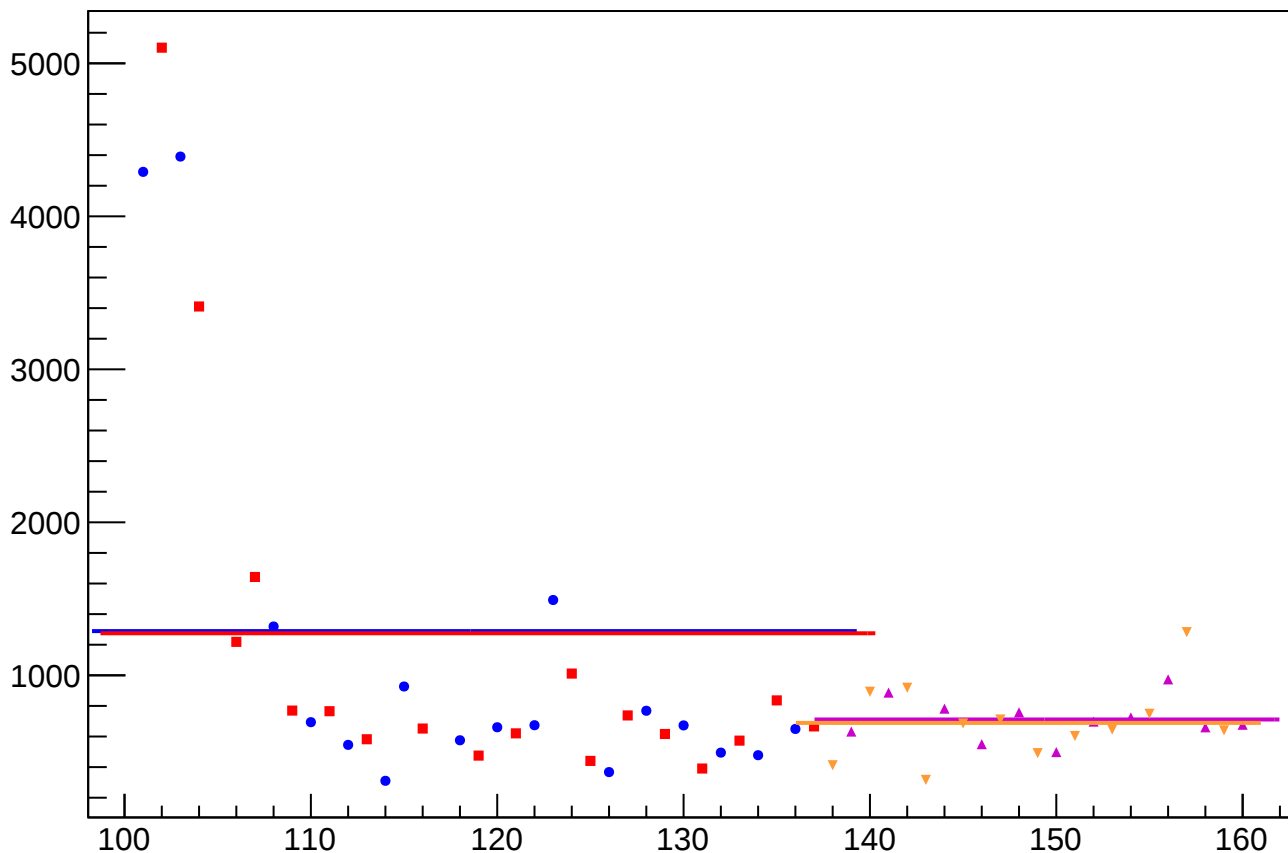
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atl2_coil6_mean vs Slug



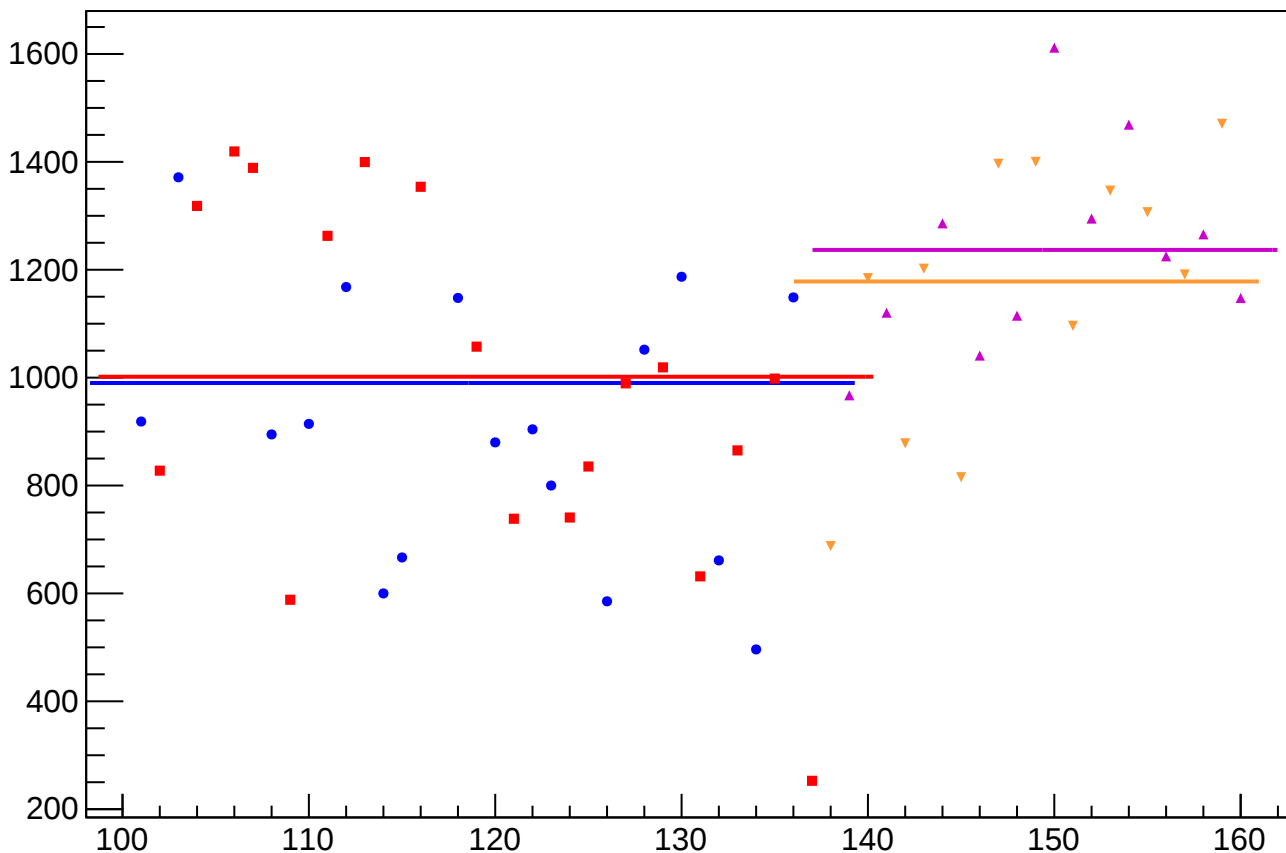
Right In: -3825.392+/-0.000 χ^2/NDF : 15445294605440071214640081166471362772992.0/16
 Left Out: -6434.104+/-0.000 χ^2/NDF : 4694104378818420456134132299517770334208.0/11
 Right Out: -3798.528+/-0.000 χ^2/NDF : 21131316959829635023813459777790997954560.0/17
 Left In: -6986.598+/-0.000 χ^2/NDF : 1235548818628101724226564744951120265216.0/10

dit_atl2_coil6_err_mean vs Slug



Right In: 1288.972 $\pm$ 0.000 χ^2 /NDF: 1352910763882575479104094227028785496064.0/16
 Left Out: 689.077 $\pm$ 0.000 χ^2 /NDF: 51672387047118863079417001056116146176.0/11
 Right Out: 1274.734 $\pm$ 0.000 χ^2 /NDF: 1316265489507064730168544372361657319424.0/17
 Left In: 711.332 $\pm$ 0.000 χ^2 /NDF: 15887933249894385970628581231809265664.0/10
 All: 952.330 $\pm$ 0.000 χ^2 /NDF: 300689090608
 + sign 948.795 $\pm$ 0.000 χ^2 /NDF: 154620855144335
 - sign 955.769 $\pm$ 0.000 χ^2 /NDF: 146064283094453

dit_atl2_coil6_Ndata_mean vs Slug



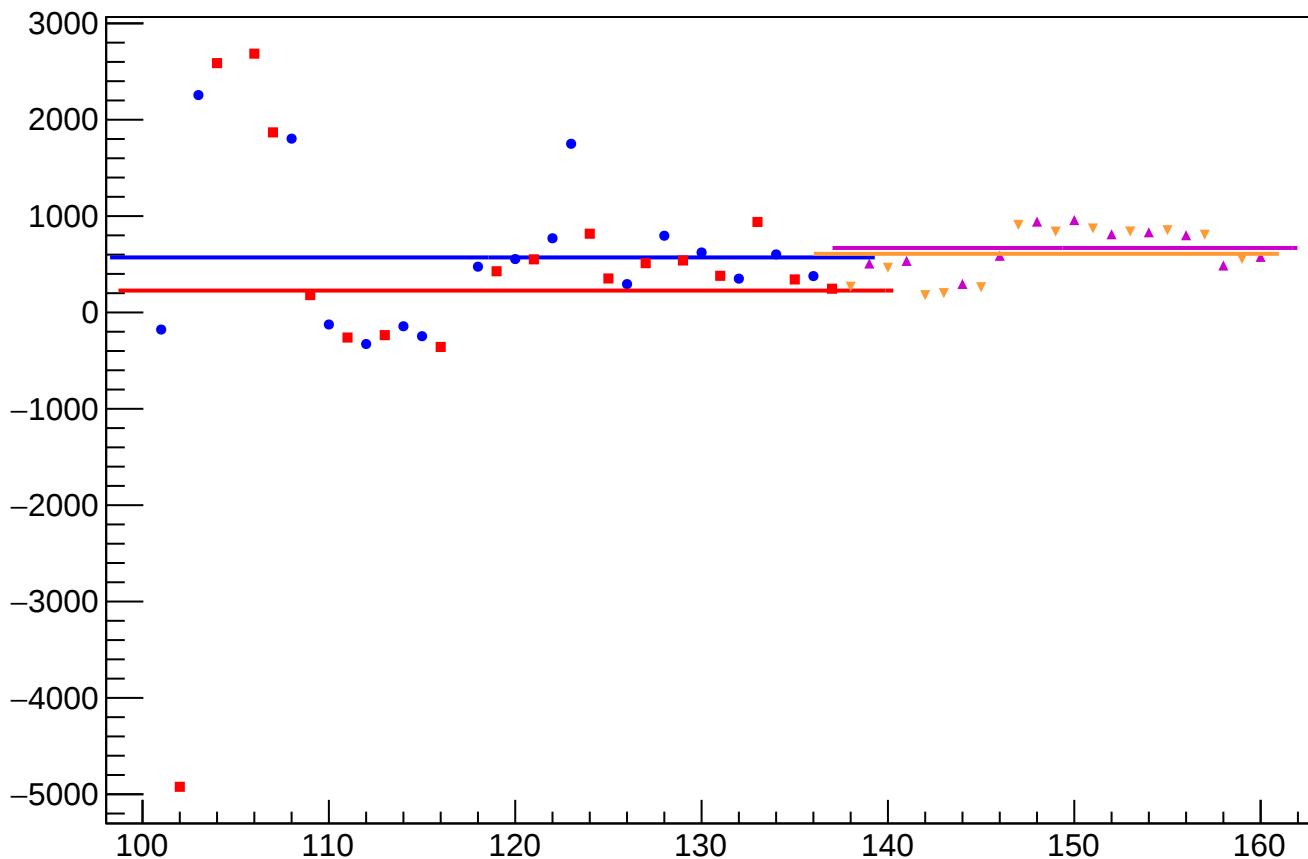
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atr1_coil6_mean vs Slug



Right In: 571.105+/-0.000 χ^2/NDF : 348676559810482432881112105158952615936.0/16

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

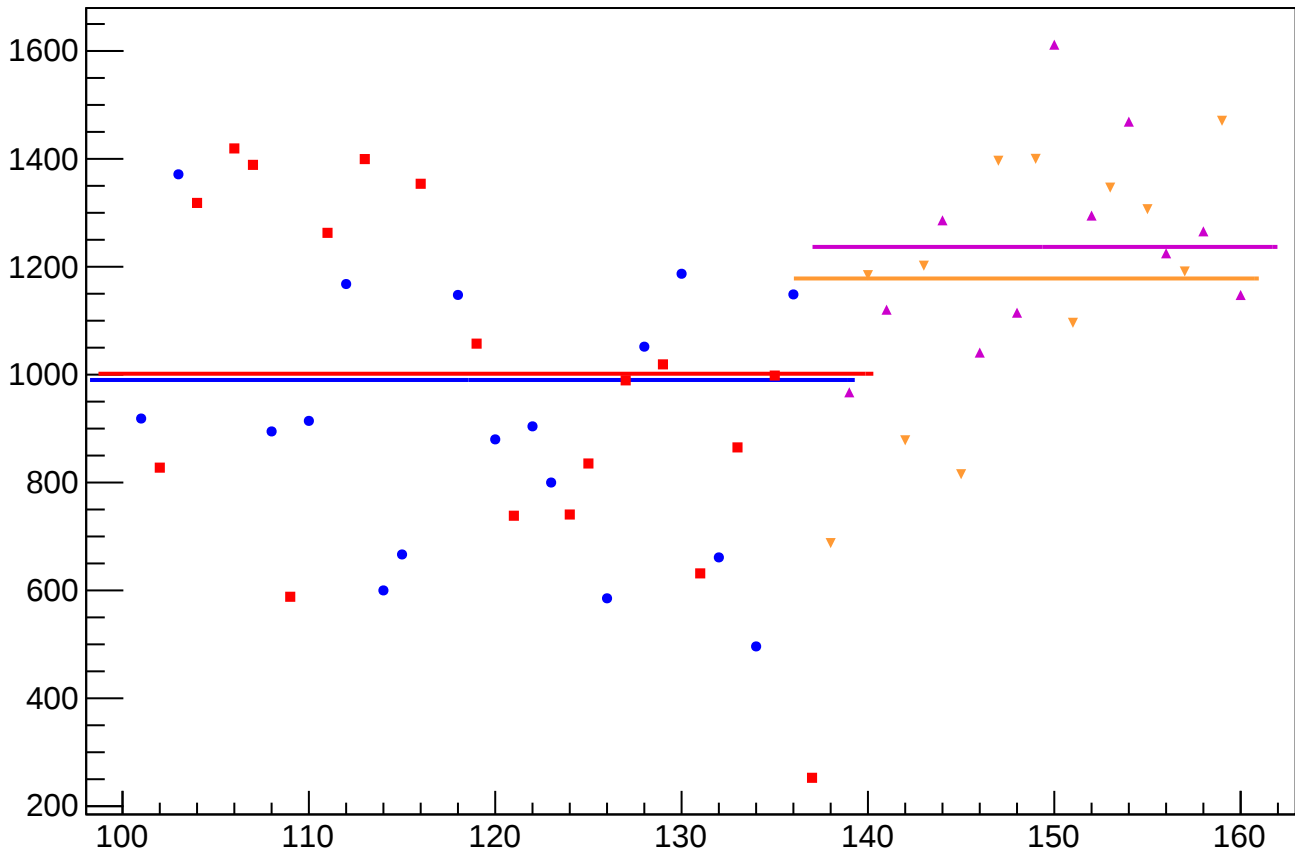
Left In: 145.264+/-0.000 χ^2/NDF : 787451488433589165323793528208228352.0/10

All: 372.074+/-0.000 χ^2/NDF : 326035729536.0/11

+ sign 305.878+/-0.000 χ^2/NDF : 476519959968556.0/11

- sign 436.462+/-0.000 χ^2/NDF : 276998079059233.0/11

dit_atr1_coil6_Ndata_mean vs Slug



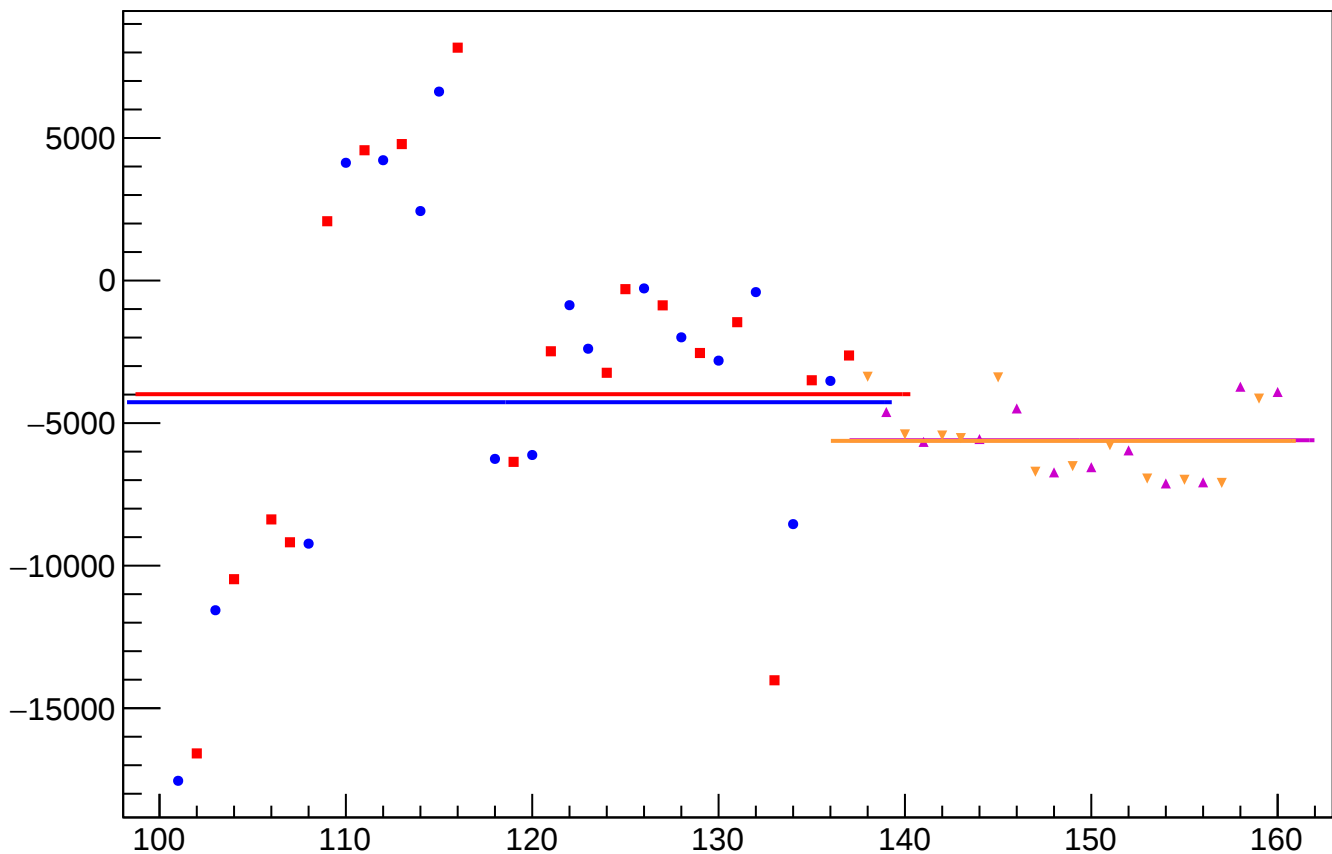
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

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_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

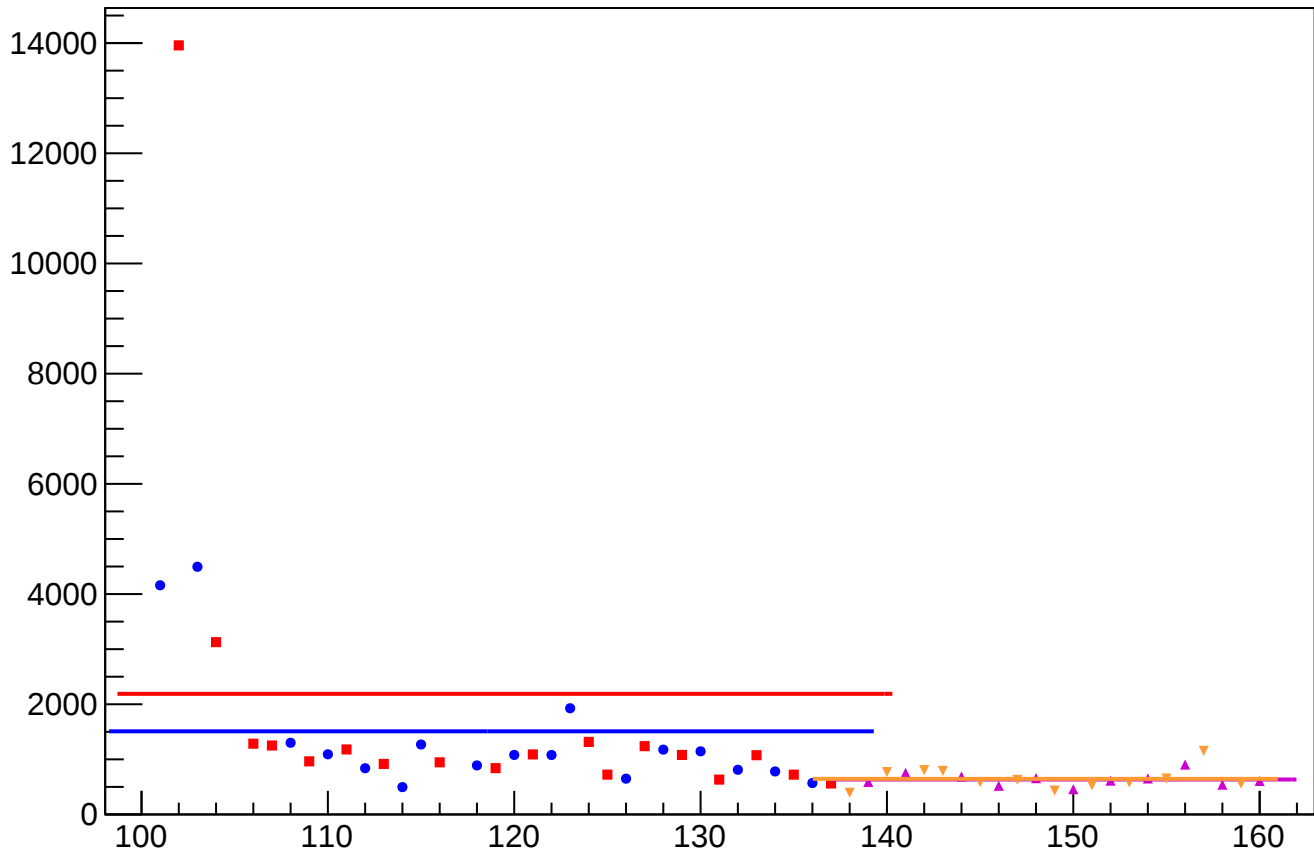
Right Out: -3985.866+/-0.000 χ^2/NDF : 31378292211366162940134938718336985333760.0/17

Left In: -5600.969+/-0.000 χ^2/NDF : 1284033803057879693677598537255558840320.0/10

All: -4967.168+/-0.000 χ^2/NDF : 6144220121

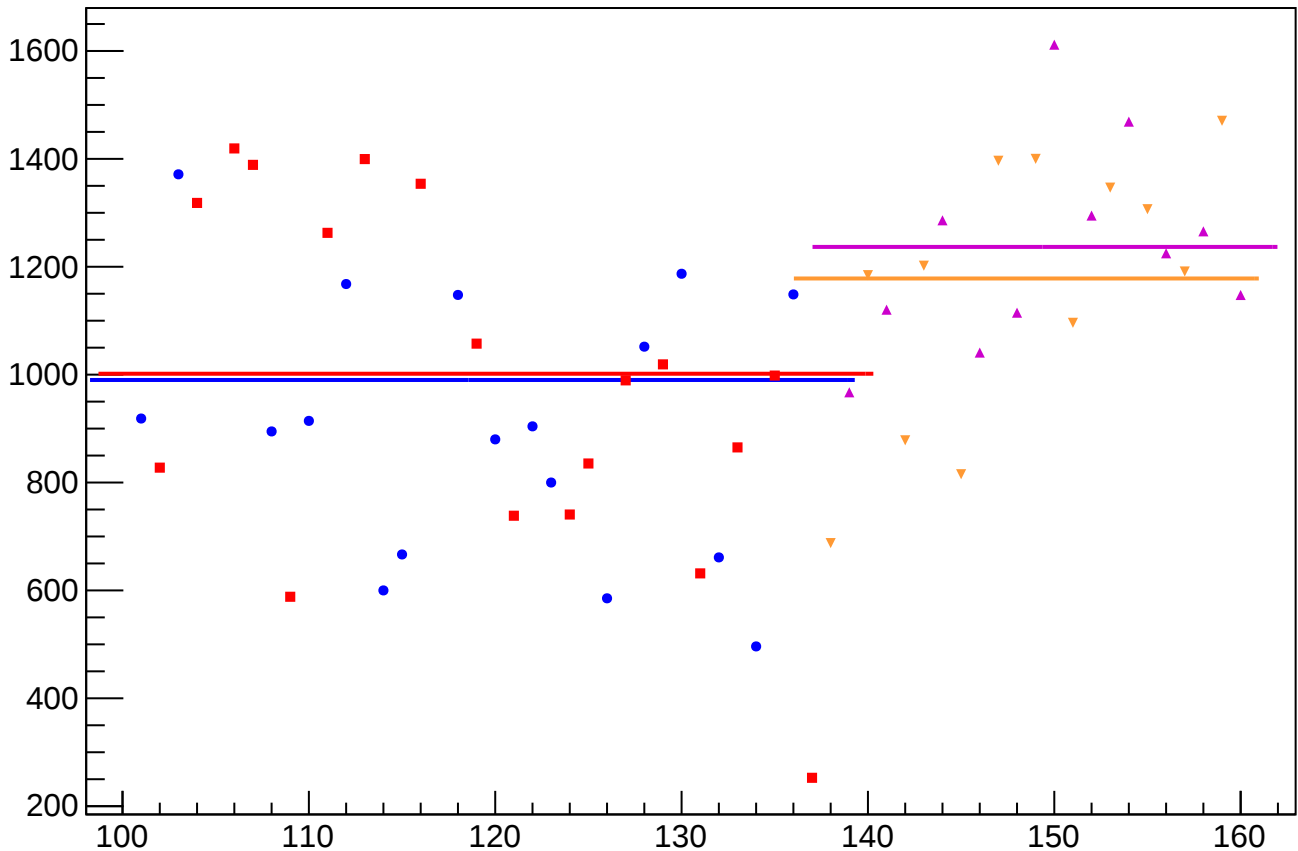
- sign -4900.242+/-0.000 χ^2/NDF : 33718245922920

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



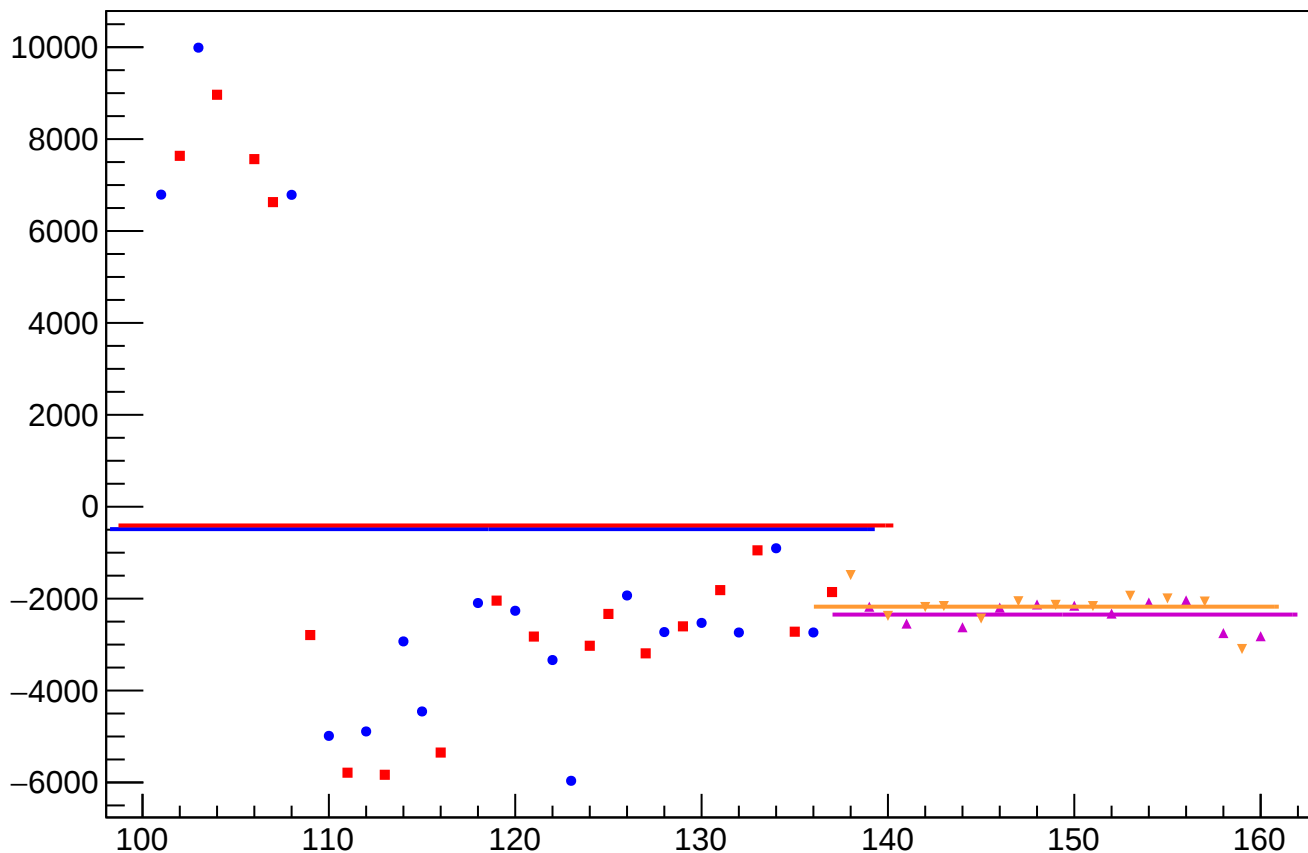
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

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

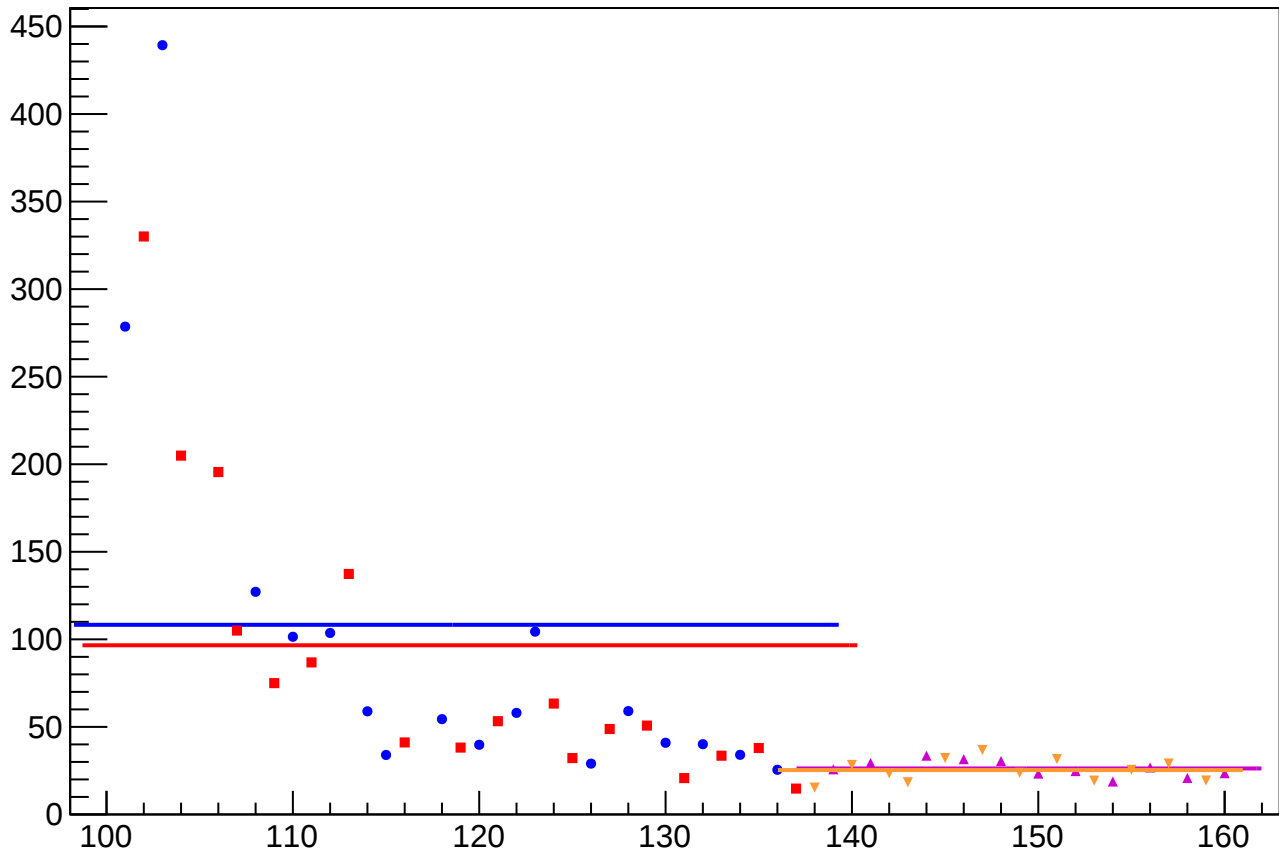
dit_sam1_coil6_mean vs Slug



Right In: -487.313+/-0.000	χ^2/NDF : 15477070218746492867636387900929916010496.0/16
Left Out: -2174.754+/-0.000	χ^2/NDF : 122757210138541314425031010279093174272.0/11
Right Out: -407.637+/-0.000	χ^2/NDF : 17046160329483633481850056075702270164992.0/17
Left In: -2346.925+/-0.000	χ^2/NDF : 67169063271967630363069010620899655680.0/10

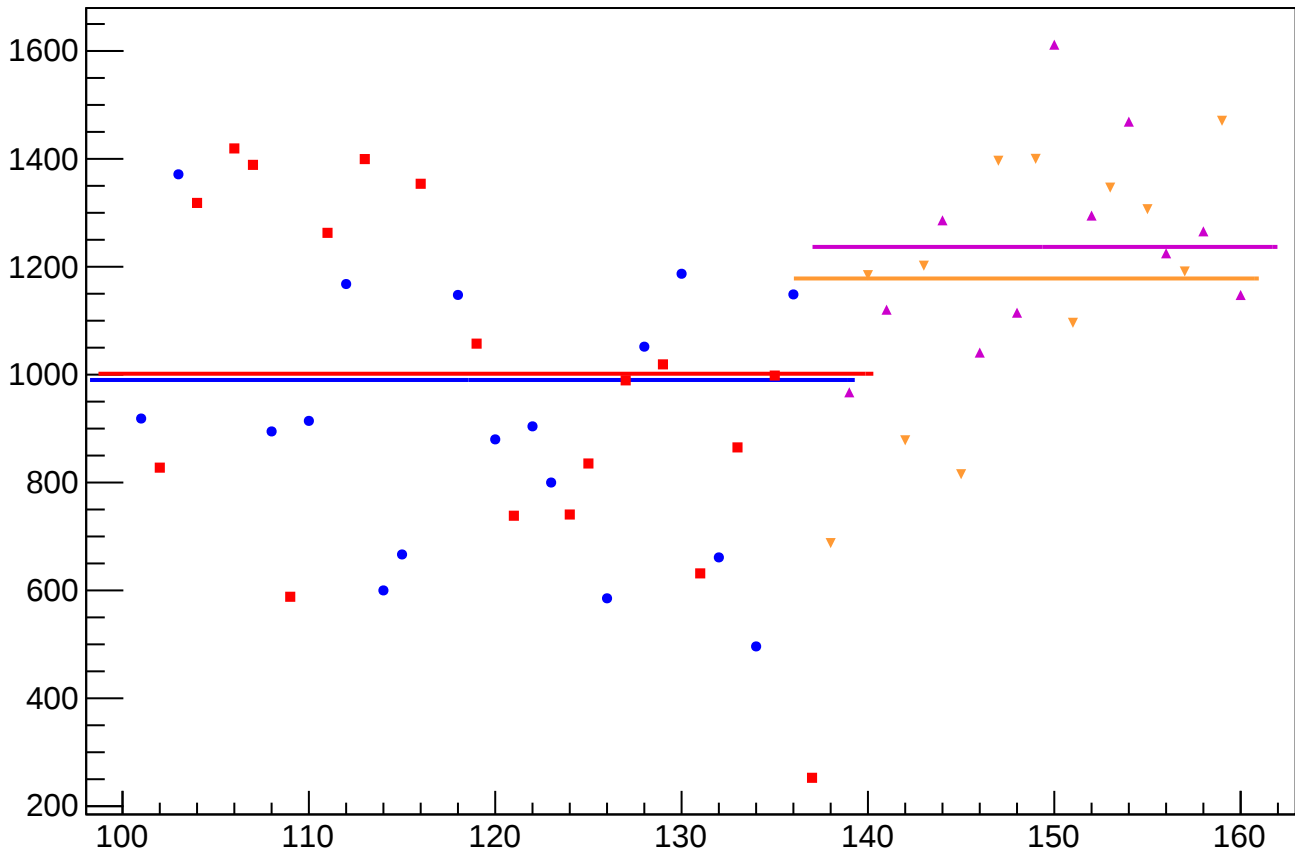
+ sign -1444.196+/-0.000 χ^2/NDF : 1672041747047
 All: -1475.296+/-0.000 χ^2/NDF : 3535915794
 - sign -1505.547+/-0.000 χ^2/NDF : 1863568192785

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

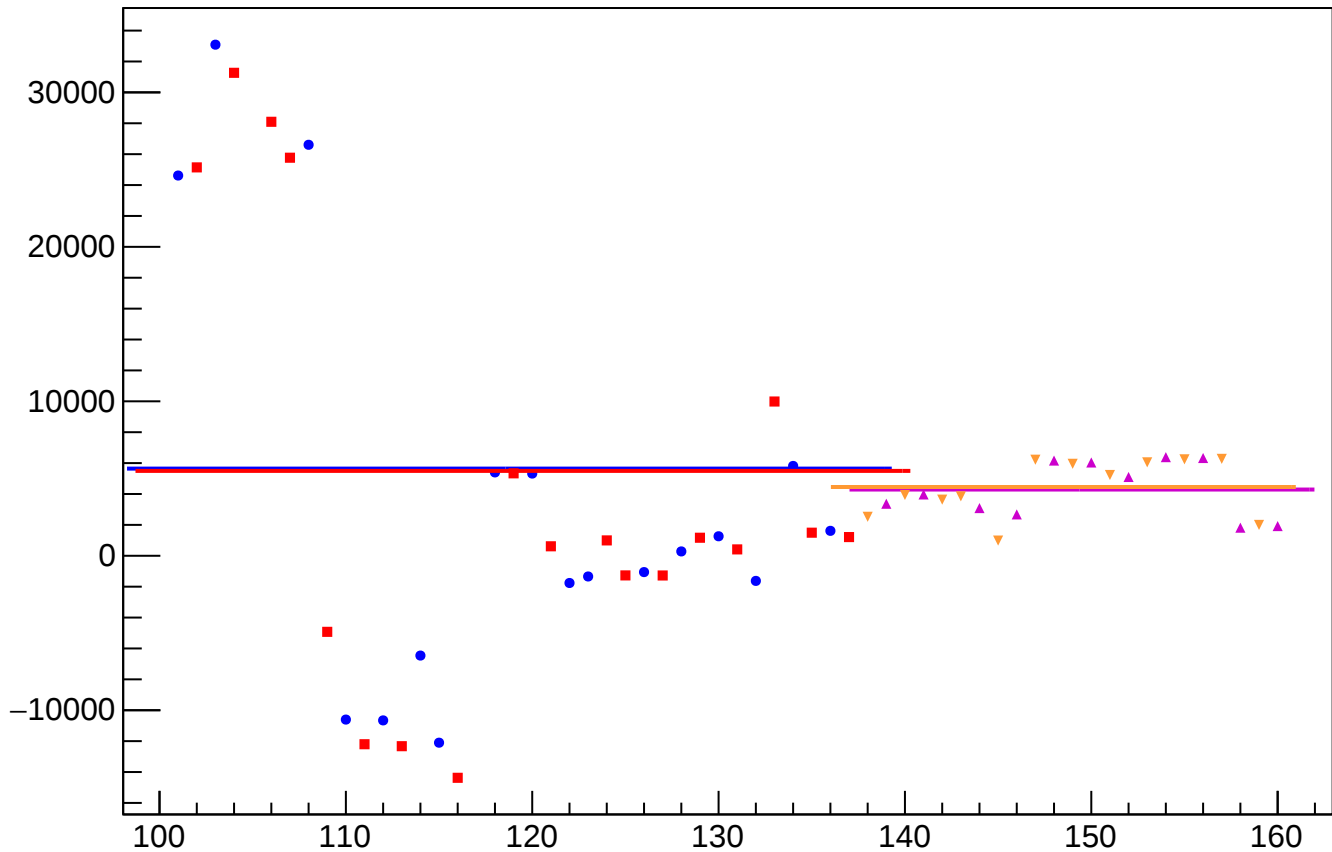
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

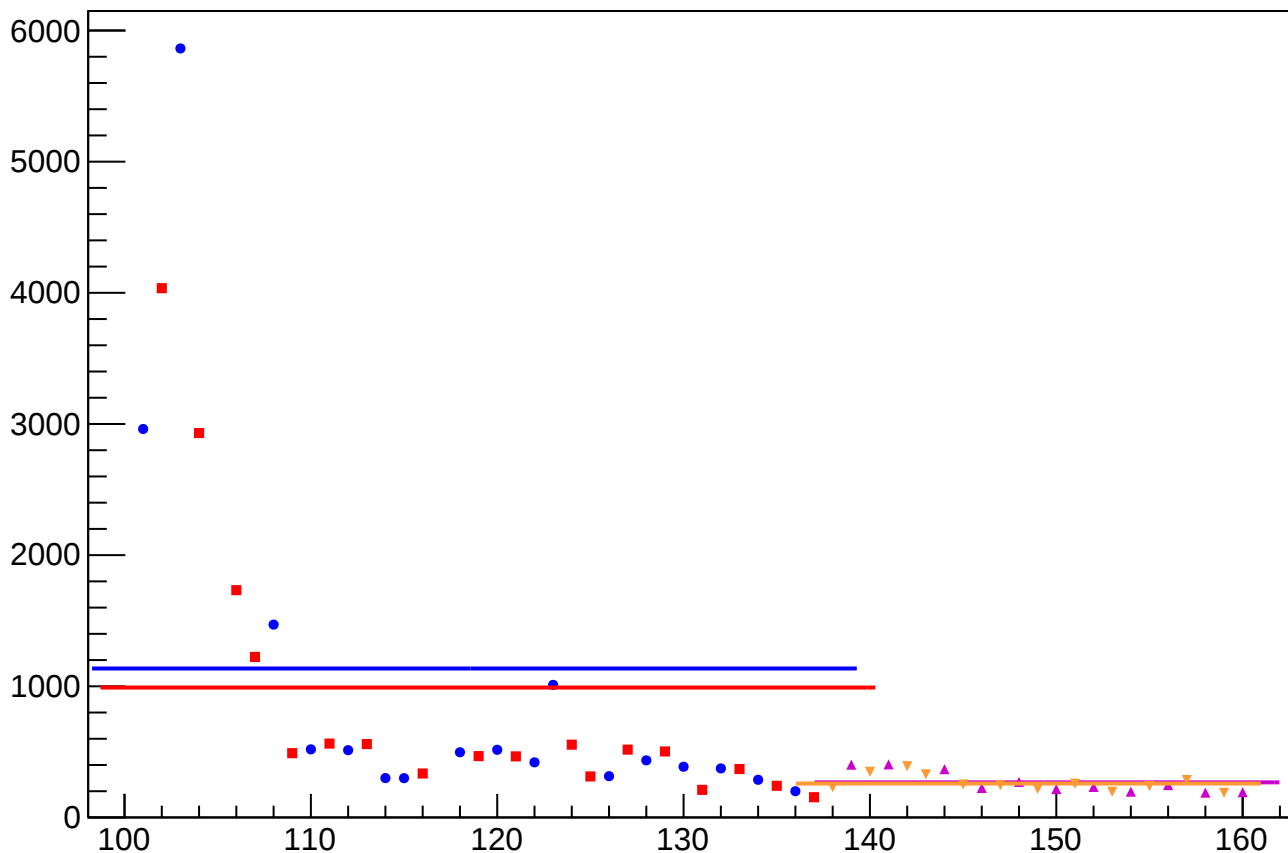
- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

dit_sam2_coil6_mean vs Slug



Right In: 5643.213+/-0.000 χ^2/NDF : 120843746110128548402153277612724047577088.0/16
 Left Out: 4452.458+/-0.000 χ^2/NDF : 2985929789295198919987260133715107381248.0/11
 Right Out: 5495.452+/-0.000 χ^2/NDF : 139584988563962510194230278268369577705472.0/17
 Left In: 4288.058+/-0.000 χ^2/NDF : 2735636712385094187455165788777797910528.0/10

dit_sam2_coil6_err_mean vs Slug



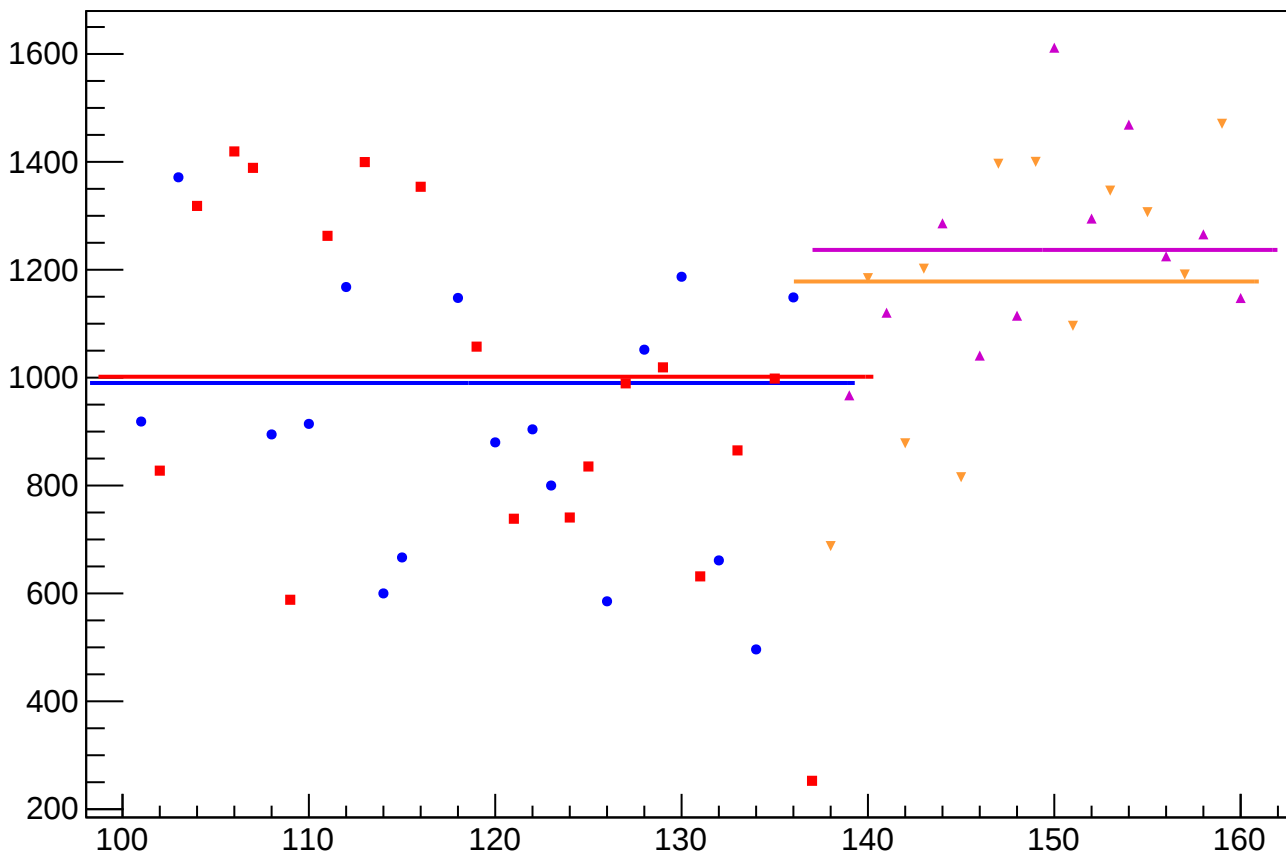
Right In: 1135.811+/-0.000	χ^2/NDF : 1824005819812756990146951558918737756160.0/16
Left Out: 258.670+/-0.000	χ^2/NDF : 2829286833241859007622586413730496512.0/11
Right Out: 990.520+/-0.000	χ^2/NDF : 932180516409120093653543317868461948928.0/17
Left In: 267.701+/-0.000	χ^2/NDF : 5915399599612443264375094627914481664.0/10

+ sign 638.418+/-0.000 χ^2/NDF : 212961638438850

All: 609.465+/-0.000 χ^2/NDF : 328185291948

- sign 581.303+/-0.000 χ^2/NDF : 114958574519710

dit_sam2_coil6_Ndata_mean vs Slug



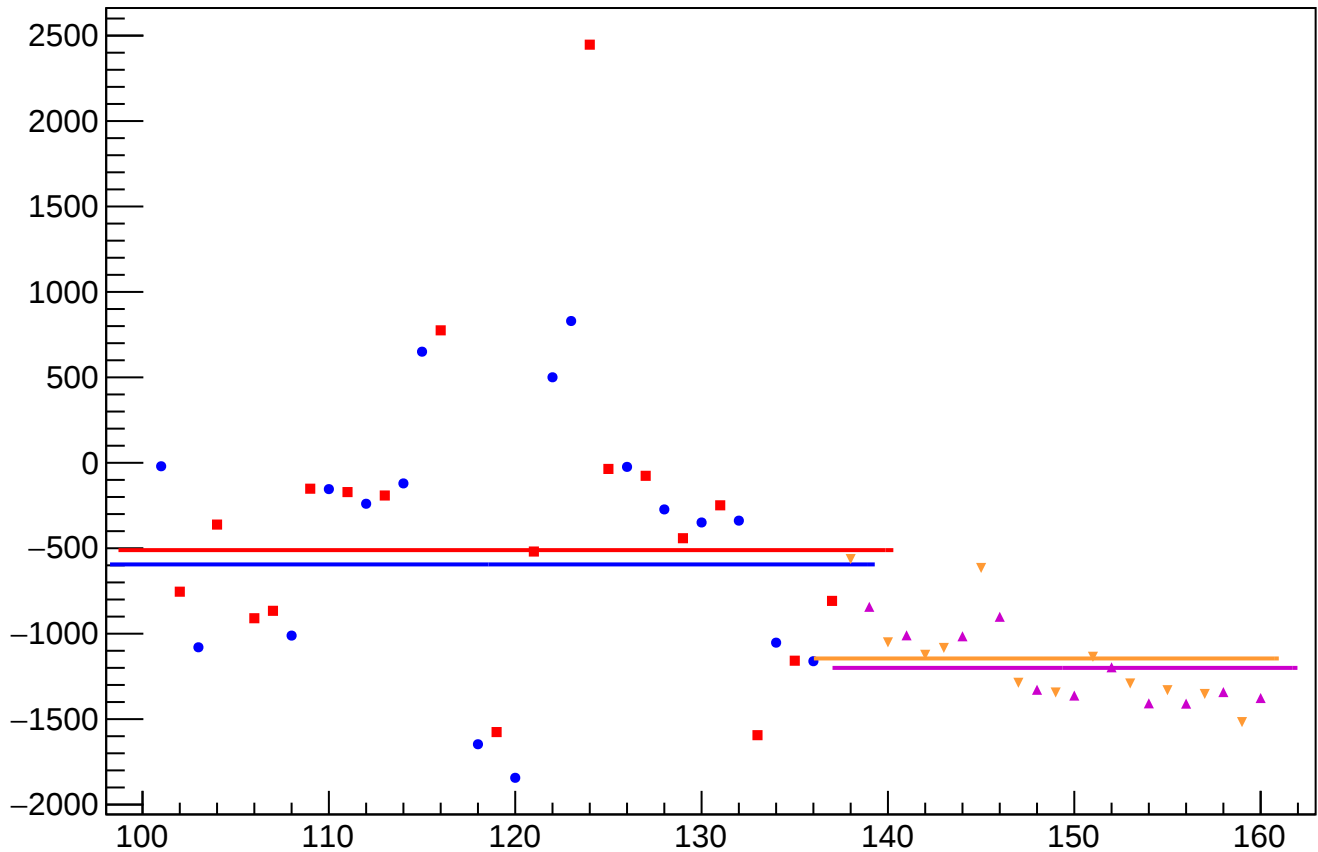
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

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

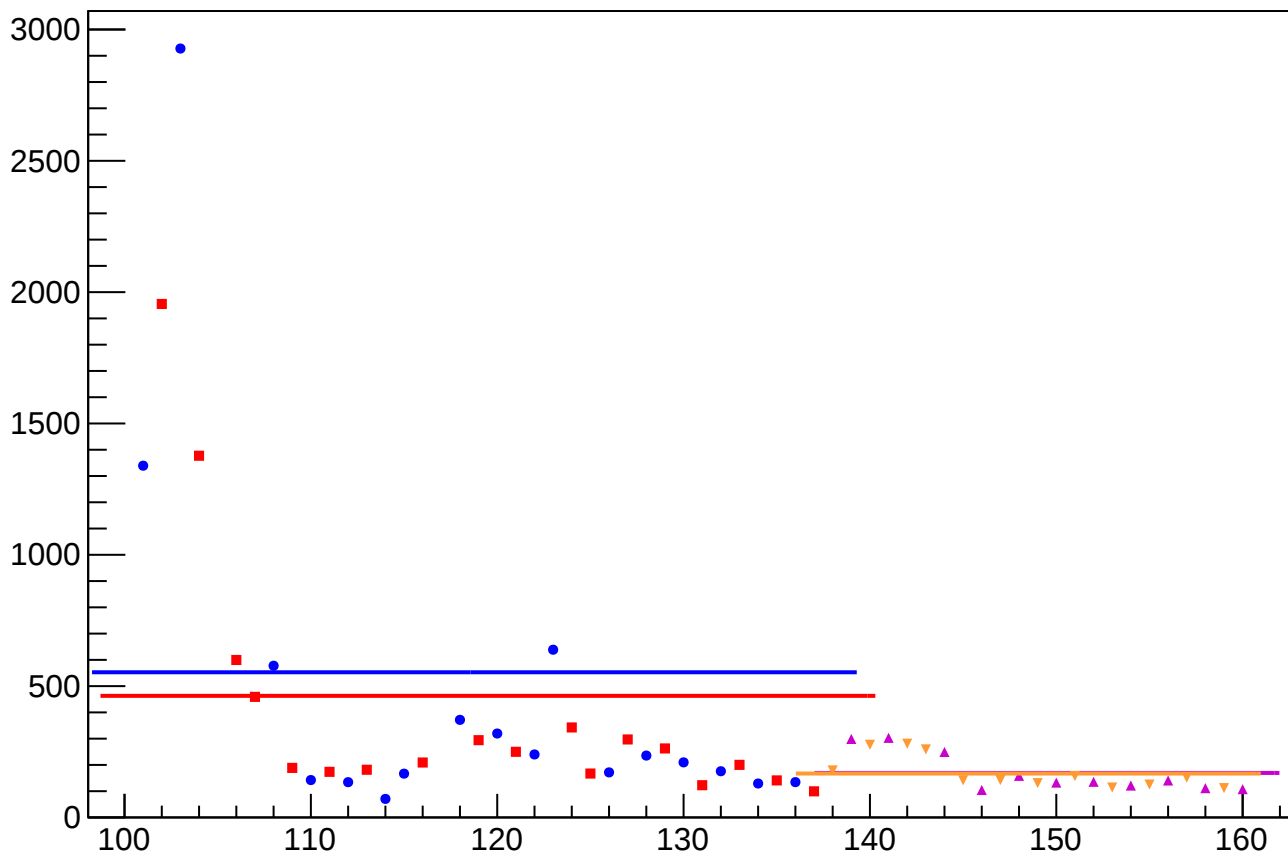
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_sam3_coil6_mean vs Slug



Right In: -594.642 ± 0.000 $\chi^2/\text{NDF}: 301185427986157798818990027839559958528.0/16$
 Left Out: -1145.023 ± 0.000 $\chi^2/\text{NDF}: 73058158331350430415583816889325846528.0/11$
 Right Out: -510.991 ± 0.000 $\chi^2/\text{NDF}: 345692362052681149269006983787007967232.0/17$
 Left In: -1200.159 ± 0.000 $\chi^2/\text{NDF}: 39206754972923098015710381582583857152.0/10$

dit_sam3_coil6_err_mean vs Slug



Right In: 552.756+/-0.000 χ^2/NDF : 438588904166490483585471990950715719680.0/16

+ sign 334.164+/-0.000 χ^2/NDF : 500088527785201

Left Out: 167.275+/-0.000 χ^2/NDF : 3021189019464897046042040078702739456.0/11

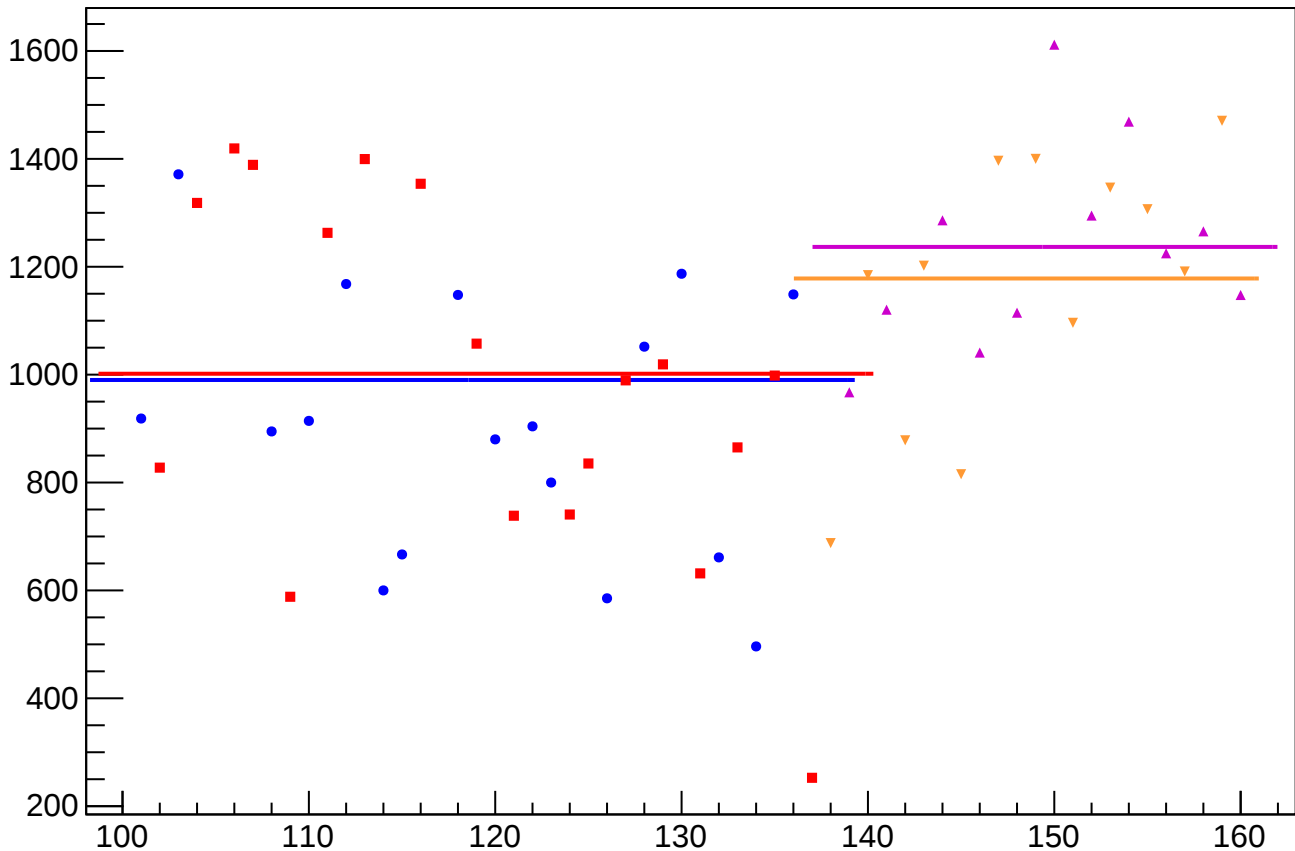
All: 315.246+/-0.000 χ^2/NDF : 75029797735

Right Out: 463.044+/-0.000 χ^2/NDF : 209305475229629435748794855521804877824.0/17

- sign 296.843+/-0.000 χ^2/NDF : 249077639049924

Left In: 169.476+/-0.000 χ^2/NDF : 4886350669326169514376198750149279744.0/10

dit_sam3_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

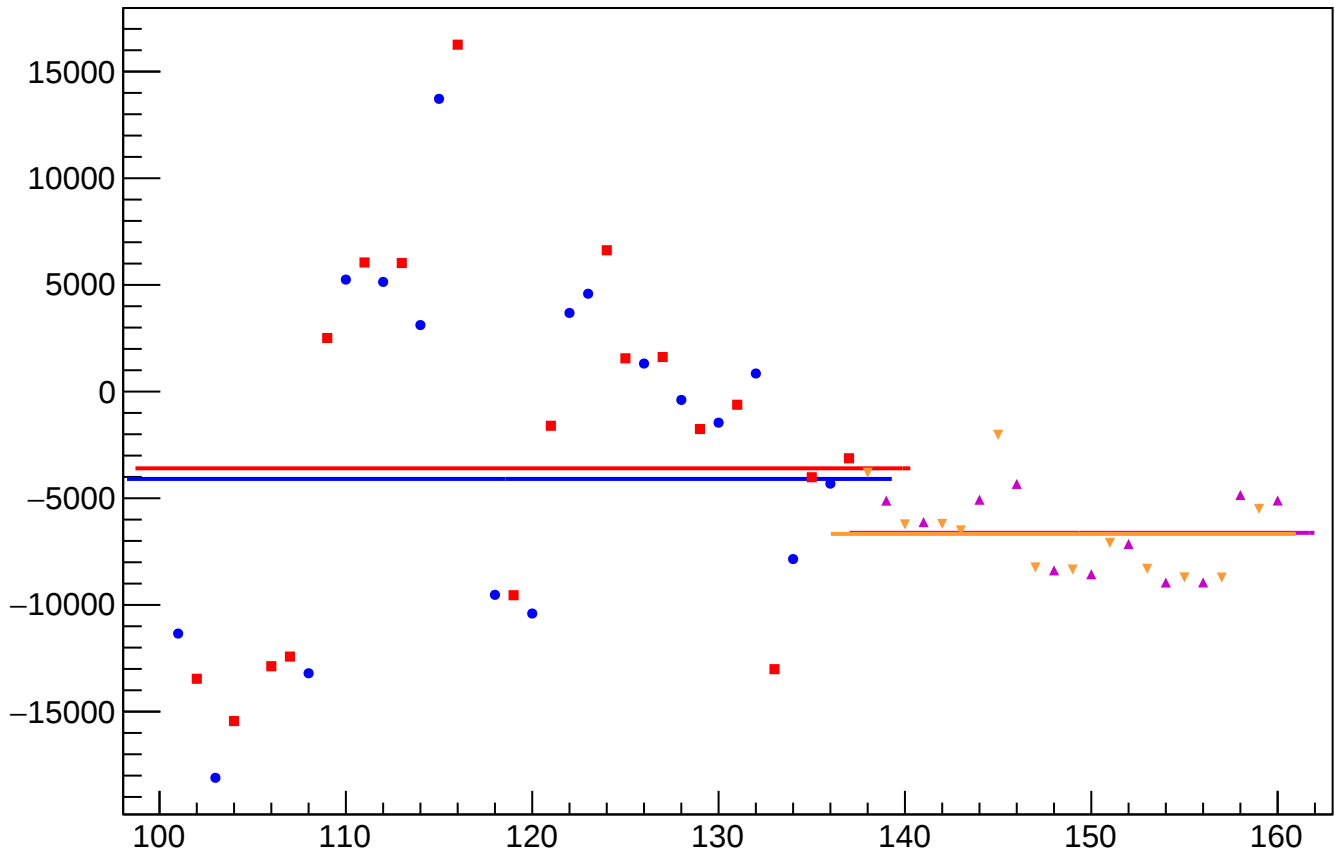
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

+ sign 1096.796 $\pm$ 0.000 χ^2 /NDF: 10299336032606

All: 1116.055 $\pm$ 0.000 χ^2 /NDF: 21820107896

- sign 1134.788 $\pm$ 0.000 χ^2 /NDF: 11403481288125

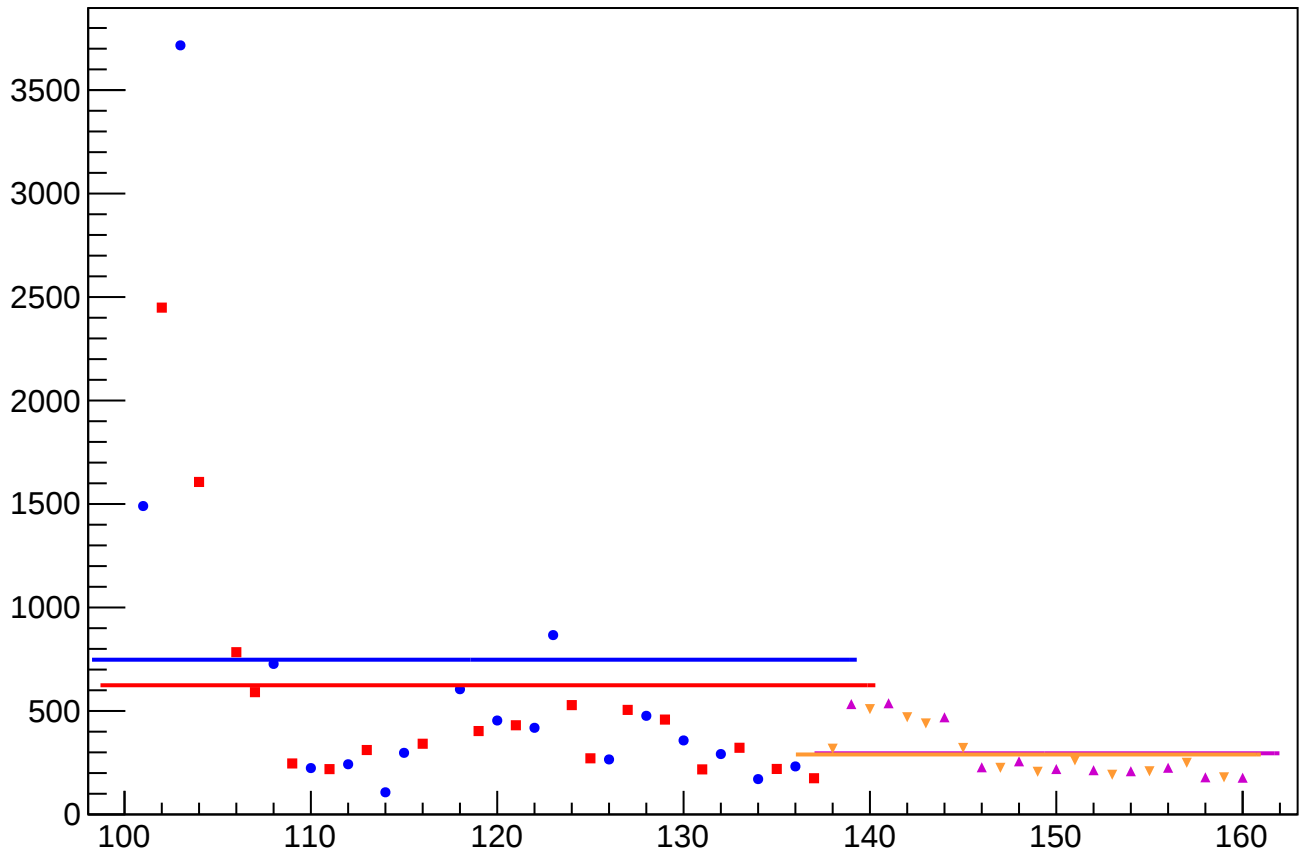
dit_sam4_coil6_mean vs Slug



Right In: -4093.788+/-0.000	χ^2/NDF : 38878868284472308051396307871868318121984.0/16
Left Out: -6670.950+/-0.000	χ^2/NDF : 3774906693530884073018019224850138136576.0/11
Right Out: -3597.313+/-0.000	χ^2/NDF : 48617231317968827835072936626093341802496.0/17
Left In: -6619.709+/-0.000	χ^2/NDF : 2843164619719300530559319168458248159232.0/10

+ sign -5555.198+/-0.000 χ^2/NDF : 4526758129513
 All: -5430.098+/-0.000 χ^2/NDF : 1004751797
 - sign -5308.415+/-0.000 χ^2/NDF : 55158109829152

dit_sam4_coil6_err_mean vs Slug



Right In: 747.700+/-0.000 χ^2/NDF : 650932937994369219214435777270989717504.0/16

Left Out: 289.811+/-0.000 χ^2/NDF : 10481549601194900606923730784744374272.0/11

Right Out: 624.223+/-0.000 χ^2/NDF : 296243096292052743688943276873819881472.0/17

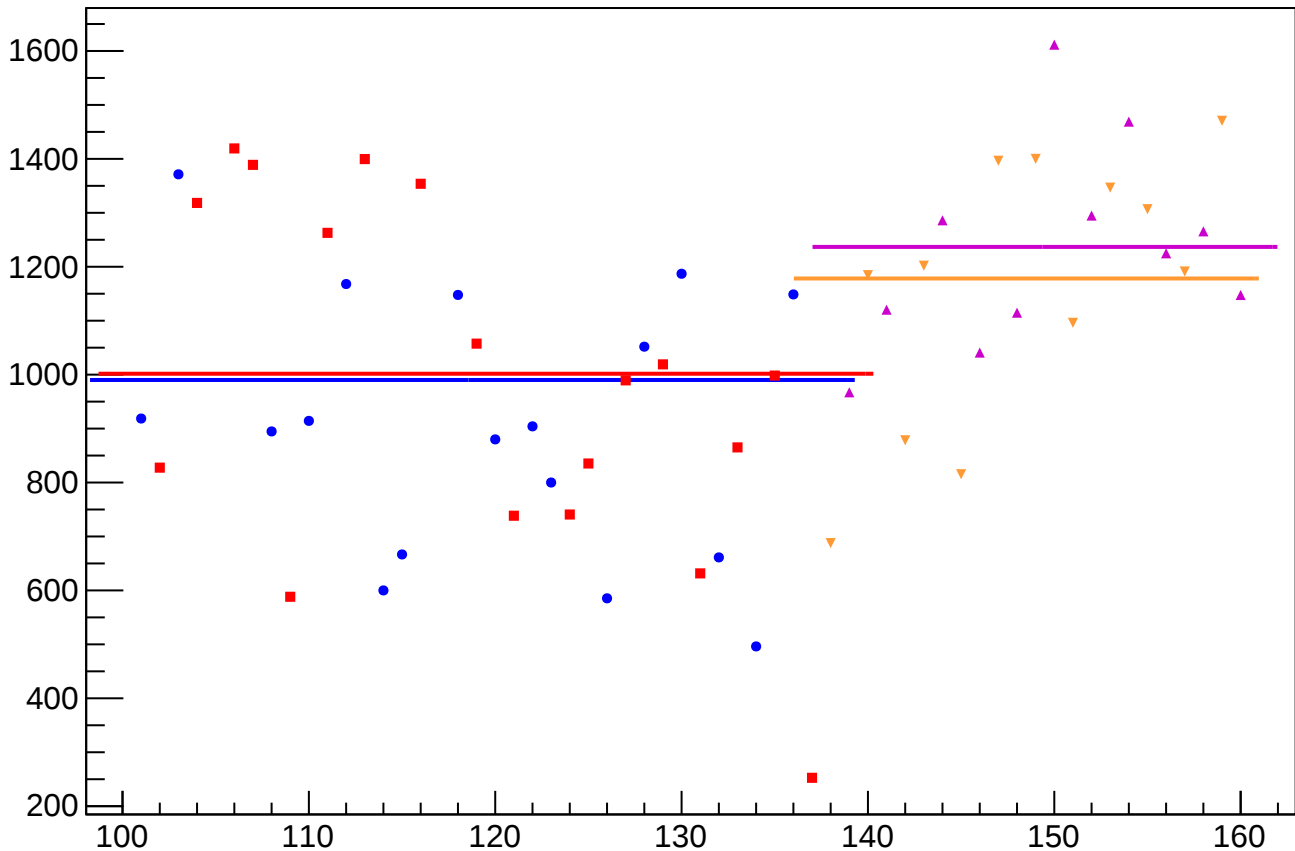
Left In: 295.493+/-0.000 χ^2/NDF : 17160133140926555155362591865869172736.0/10

+ sign 488.049+/-0.000 χ^2/NDF : 743925054327055

All: 462.736+/-0.000 χ^2/NDF : 110309762248

- sign 438.116+/-0.000 χ^2/NDF : 357146521032706

dit_sam4_coil6_Ndata_mean vs Slug



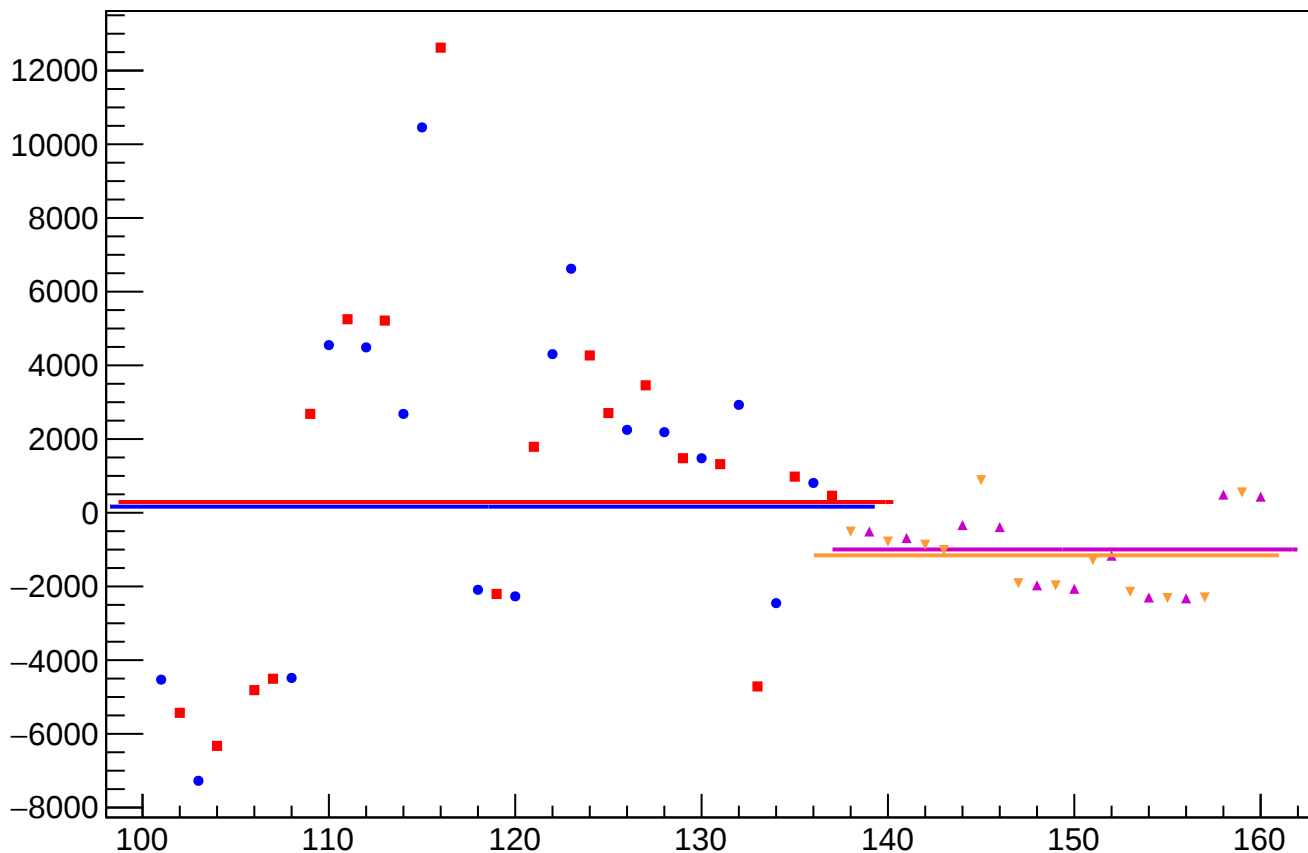
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

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

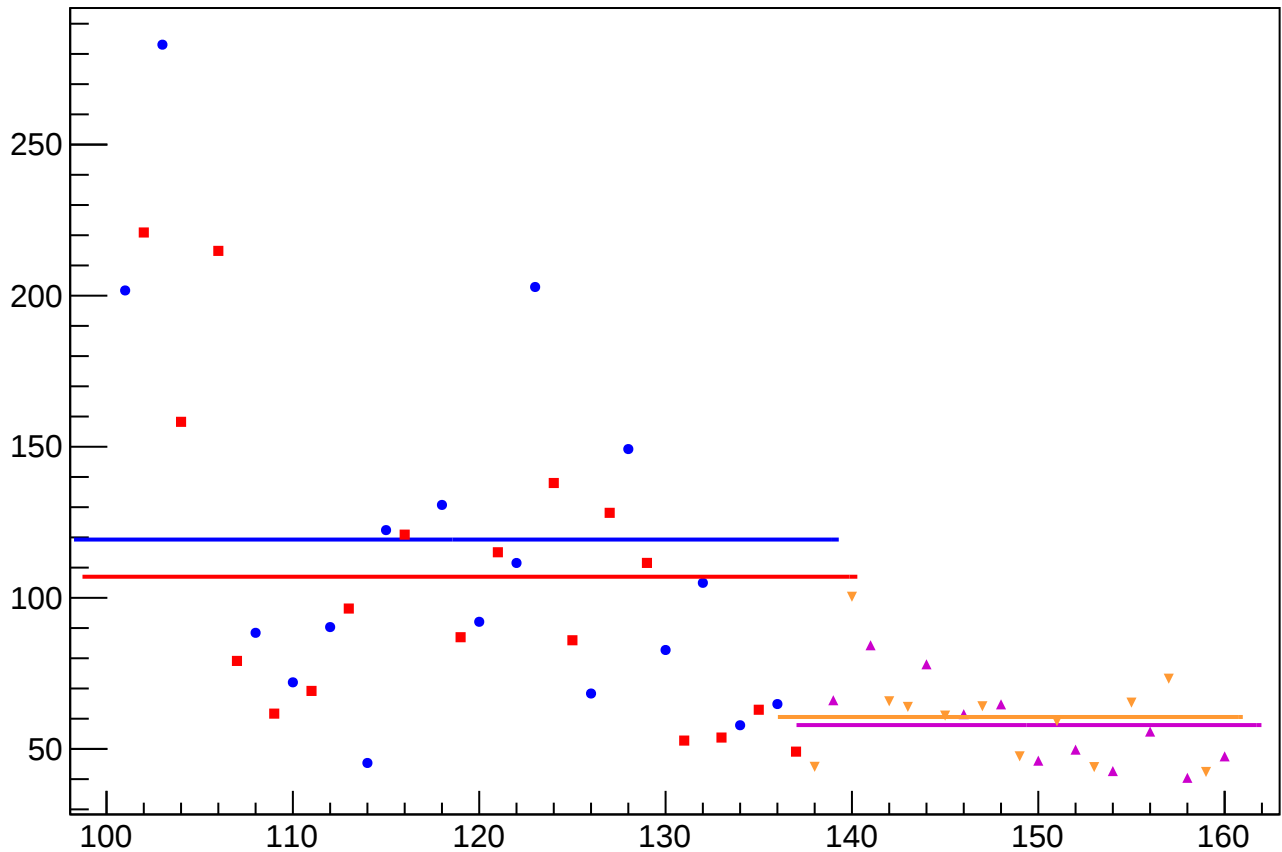
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_sam5_coil6_mean vs Slug



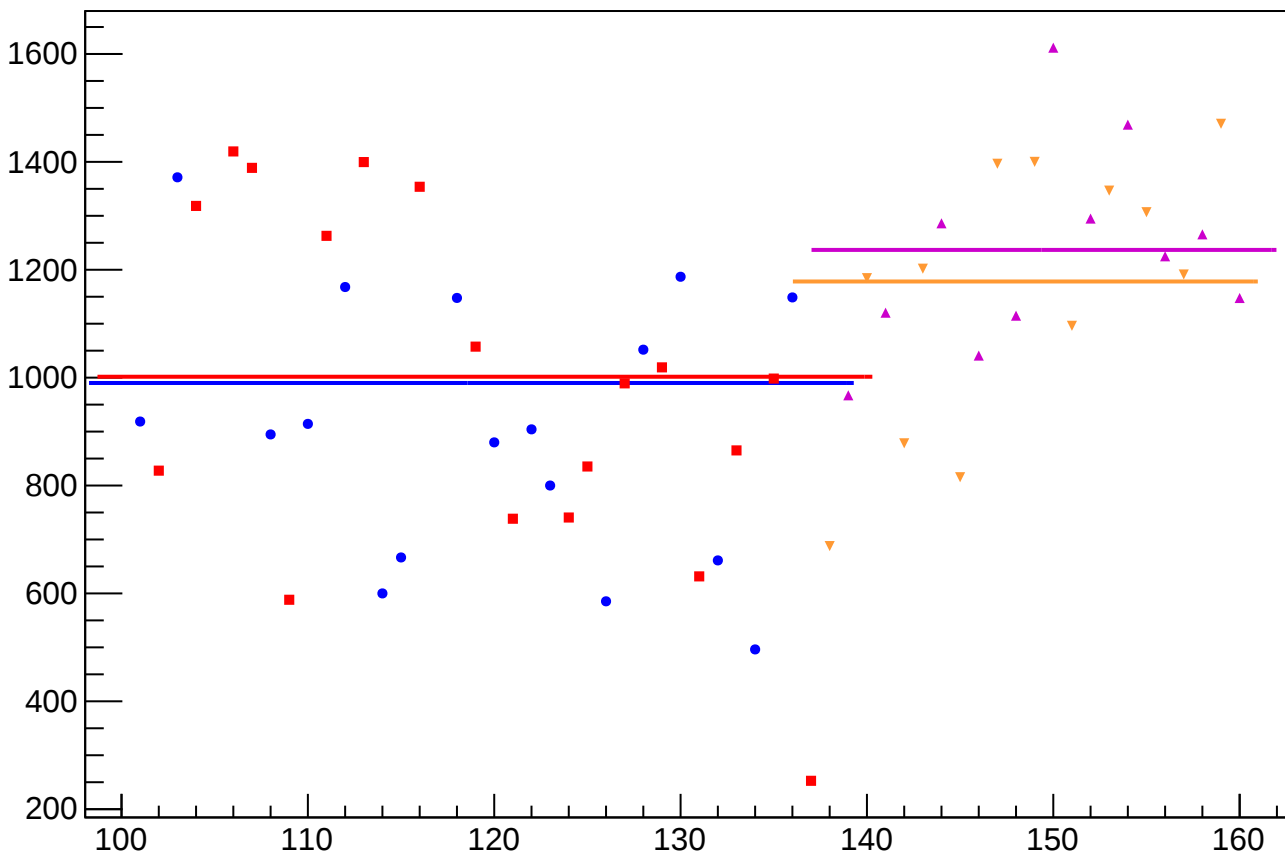
Right In: 165.547+/-0.000 χ^2/NDF : 10658450336306933403777351351390508679168.0/16
 Left Out: -1155.357+/-0.000 χ^2/NDF : 995504747952866911387640526565778915328.0/11
 Right Out: 291.015+/-0.000 χ^2/NDF : 14672571981967891714112032575724497928192.0/17
 Left In: -996.521+/-0.000 χ^2/NDF : 924719212965830410136097105357987381248.0/10

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



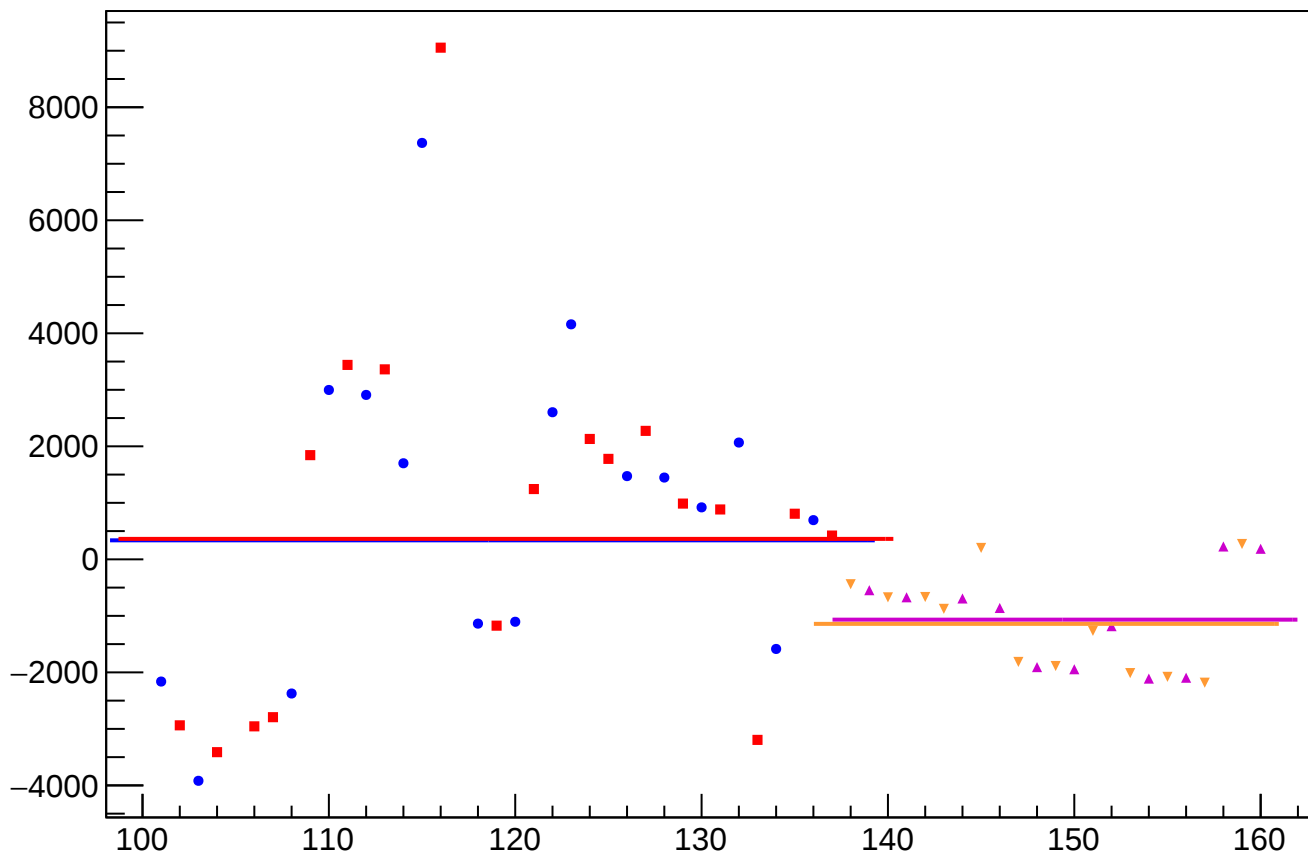
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

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_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

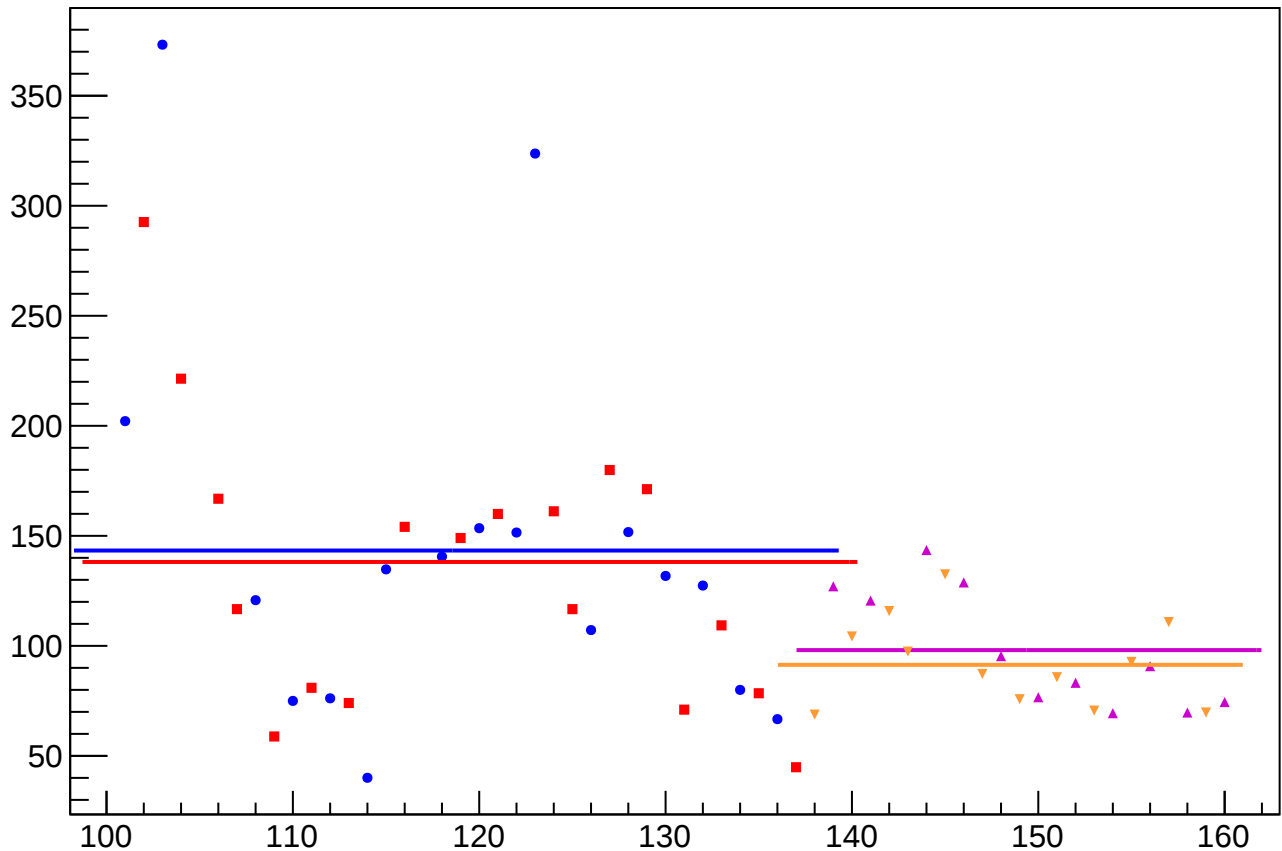
Left In: -1067.159+/-0.000 χ^2/NDF : 629450133544261438998185081673399402496.0/10

+ sign -501.715+/-0.000 χ^2/NDF : 52418718654601

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

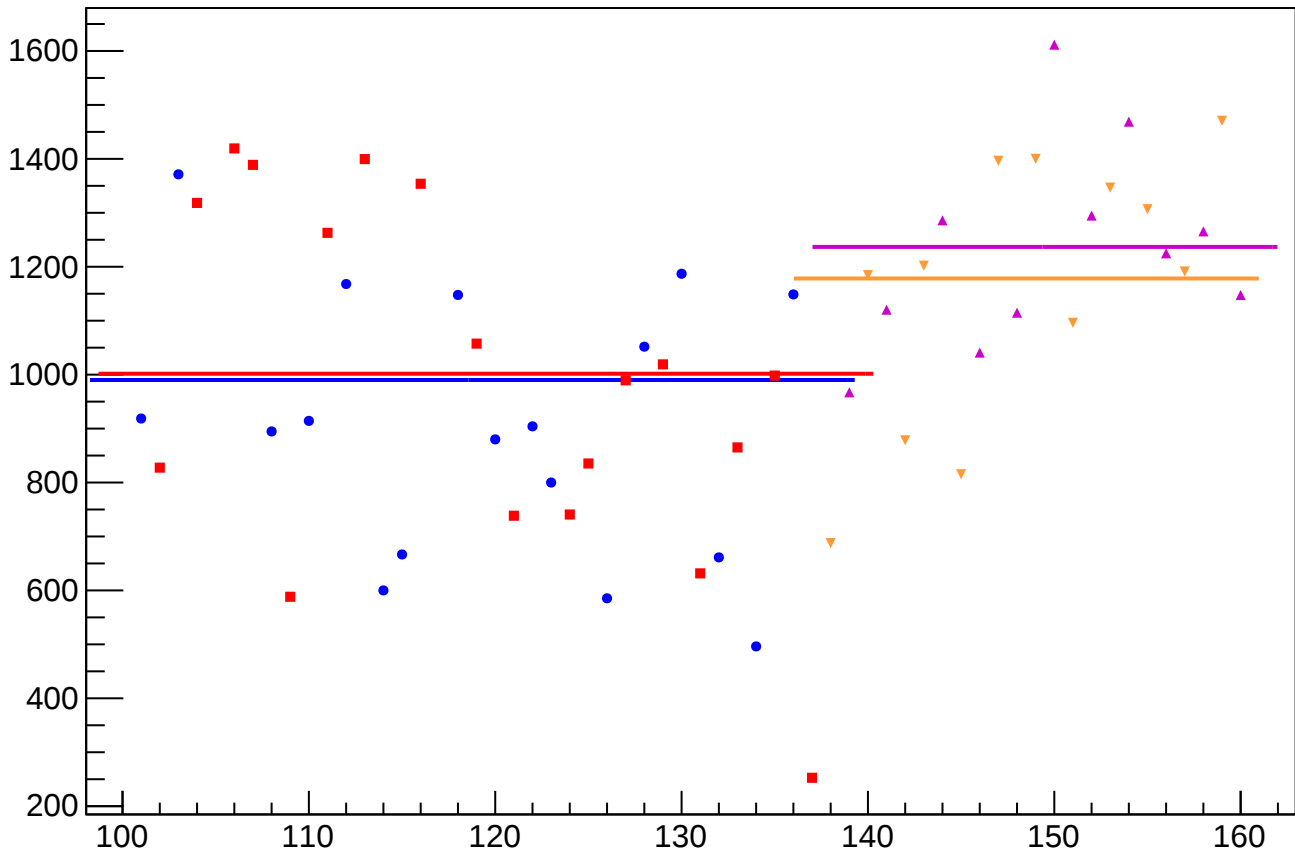
Left In: 98.068+/-0.000 χ^2/NDF : 624217570941141558165697948106620928.0/10

+ 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



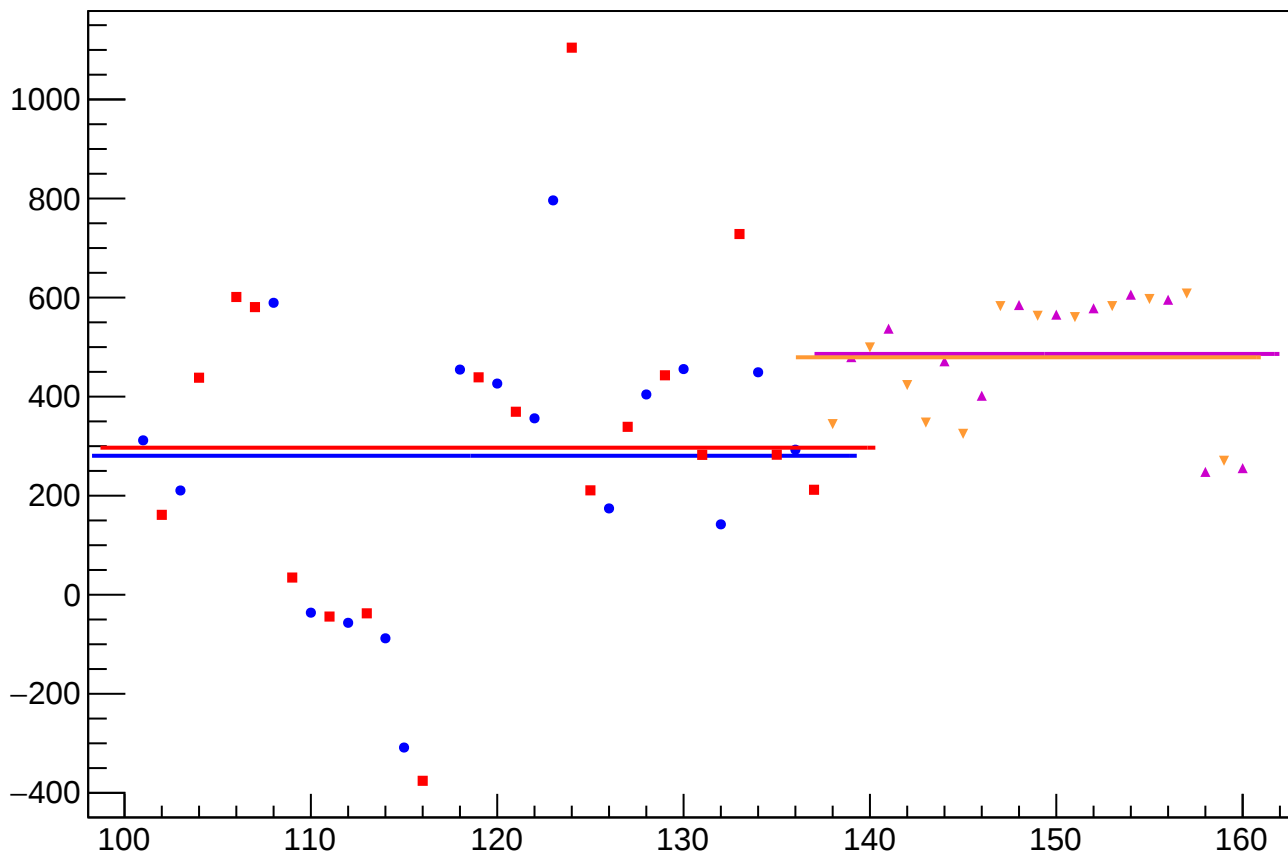
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam7_coil6_mean vs Slug



Right In: 280.587+/-0.000 χ^2/NDF : 26873653578381248944514799501999865856.0/16

Left Out: 479.418+/-0.000 χ^2/NDF : 13285124498180385816264889724787752960.0/11

Right Out: 296.905+/-0.000 χ^2/NDF : 53152105752477344290303829793952497664.0/17

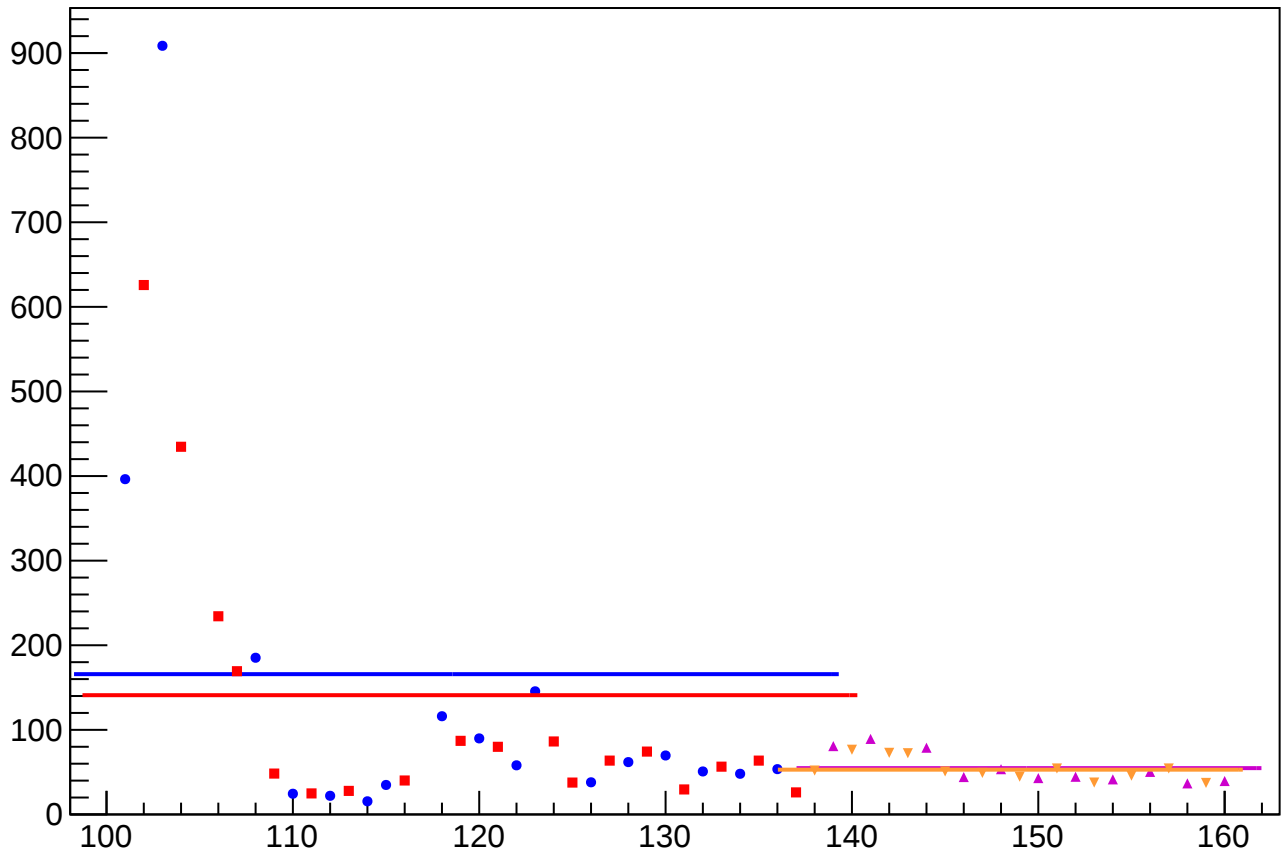
Left In: 486.206+/-0.000 χ^2/NDF : 14204620343976110093613729776425500672.0/10

All: 398.780+/-0.000 χ^2/NDF : 137672893429

+ sign 393.336+/-0.000 χ^2/NDF : 557168834834471

- sign 404.076+/-0.000 χ^2/NDF : 818622910309436

dit_sam7_coil6_err_mean vs Slug



Right In: 165.841+/-0.000 χ^2/NDF : 42388910284637758892134233675562745856.0/16

+ sign 101.822+/-0.000 χ^2/NDF : 475447765404594

Left Out: 52.946+/-0.000 χ^2/NDF : 140060109724135025714892303400697856.0/11

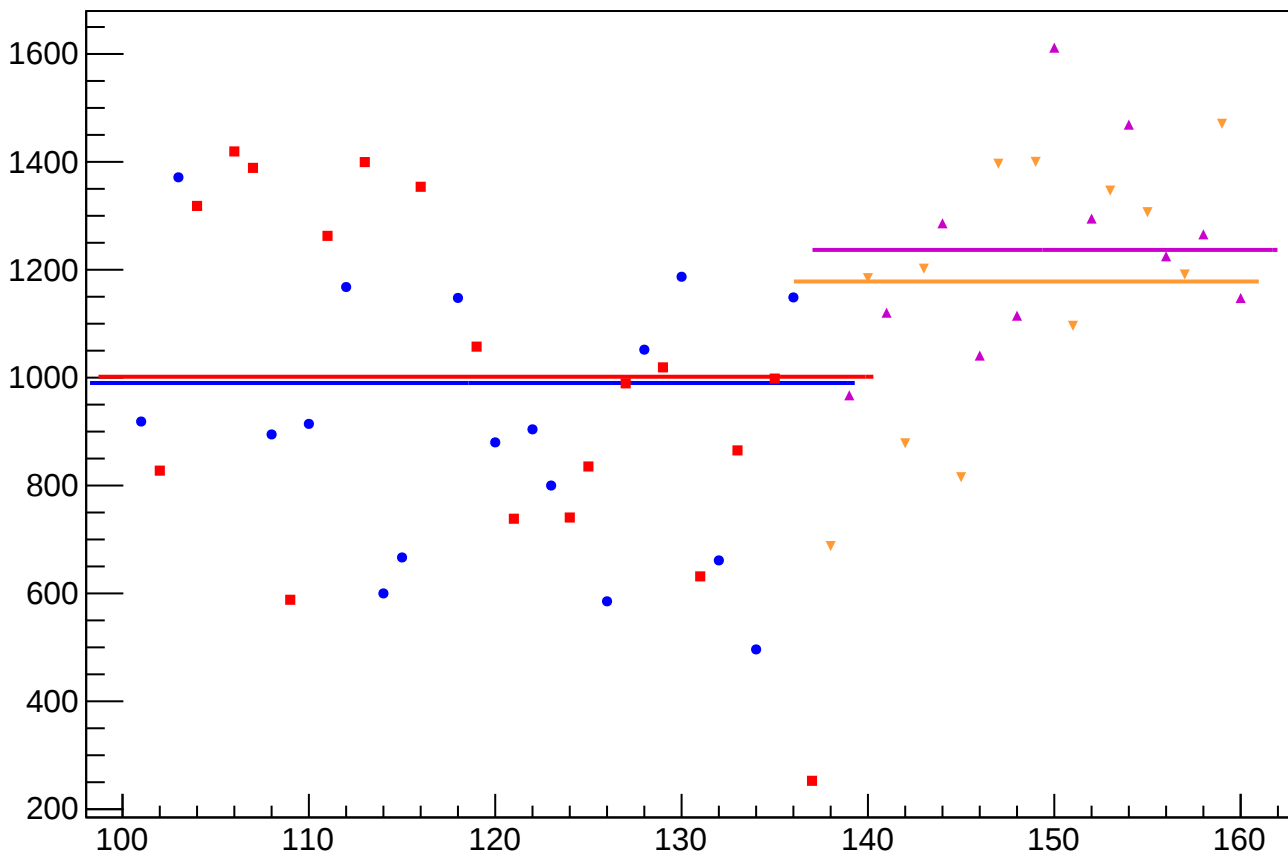
All: 96.926+/-0.000 χ^2/NDF : 7360699399665

Right Out: 140.976+/-0.000 χ^2/NDF : 22674964646016742017185923250652184576.0/17

- sign 92.163+/-0.000 χ^2/NDF : 2598639447184195

Left In: 54.754+/-0.000 χ^2/NDF : 302128520341219592884404395924520960.0/10

dit_sam7_coil6_Ndata_mean vs Slug



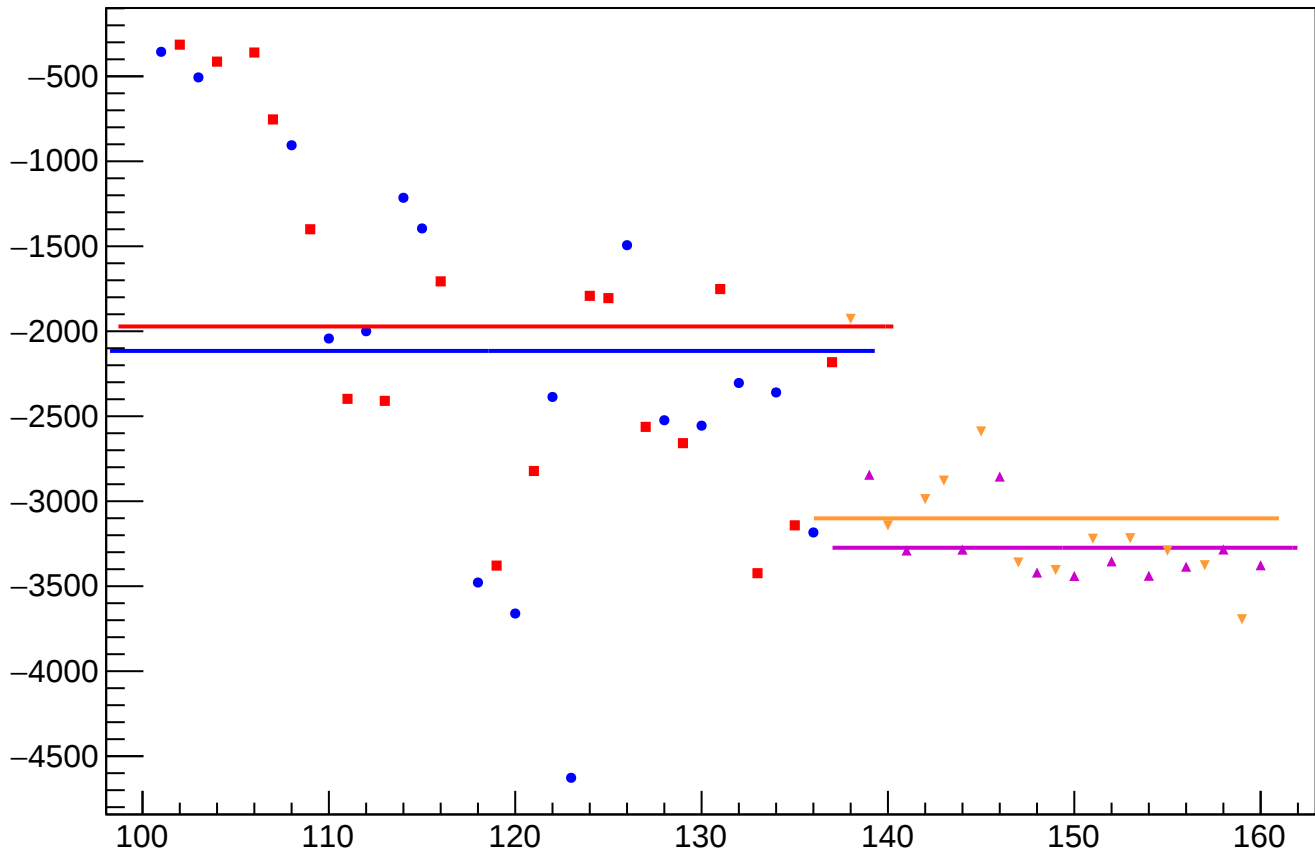
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

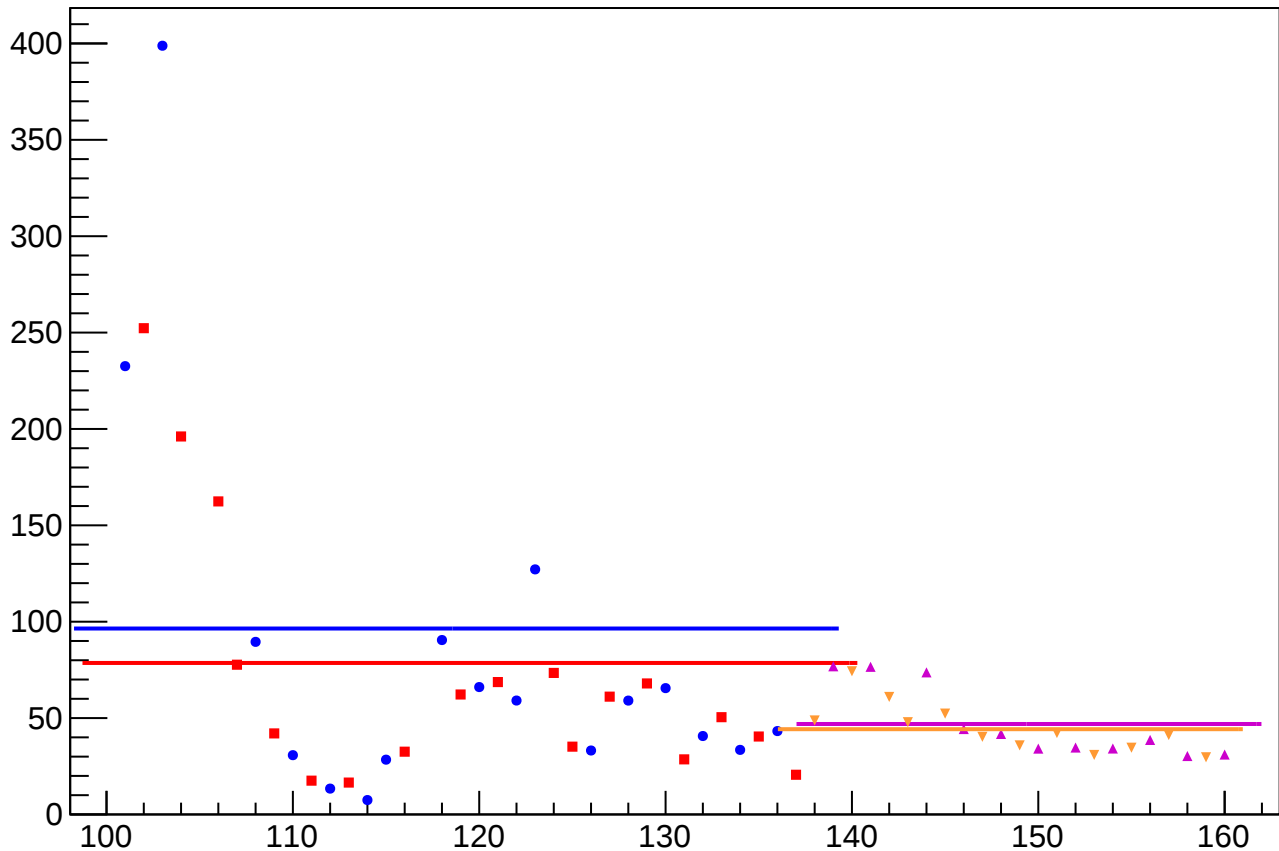
dit_sam8_coil6_mean vs Slug



Right In: -2115.686+/-0.000	χ^2/NDF : 754451931643030128758883529777223827456.0/16
Left Out: -3100.691+/-0.000	χ^2/NDF : 183916401222864919809075393490919096320.0/11
Right Out: -1971.716+/-0.000	χ^2/NDF : 778865201263461024769541360998730956800.0/17
Left In: -3273.761+/-0.000	χ^2/NDF : 38674829040753317782722595133075750912.0/10

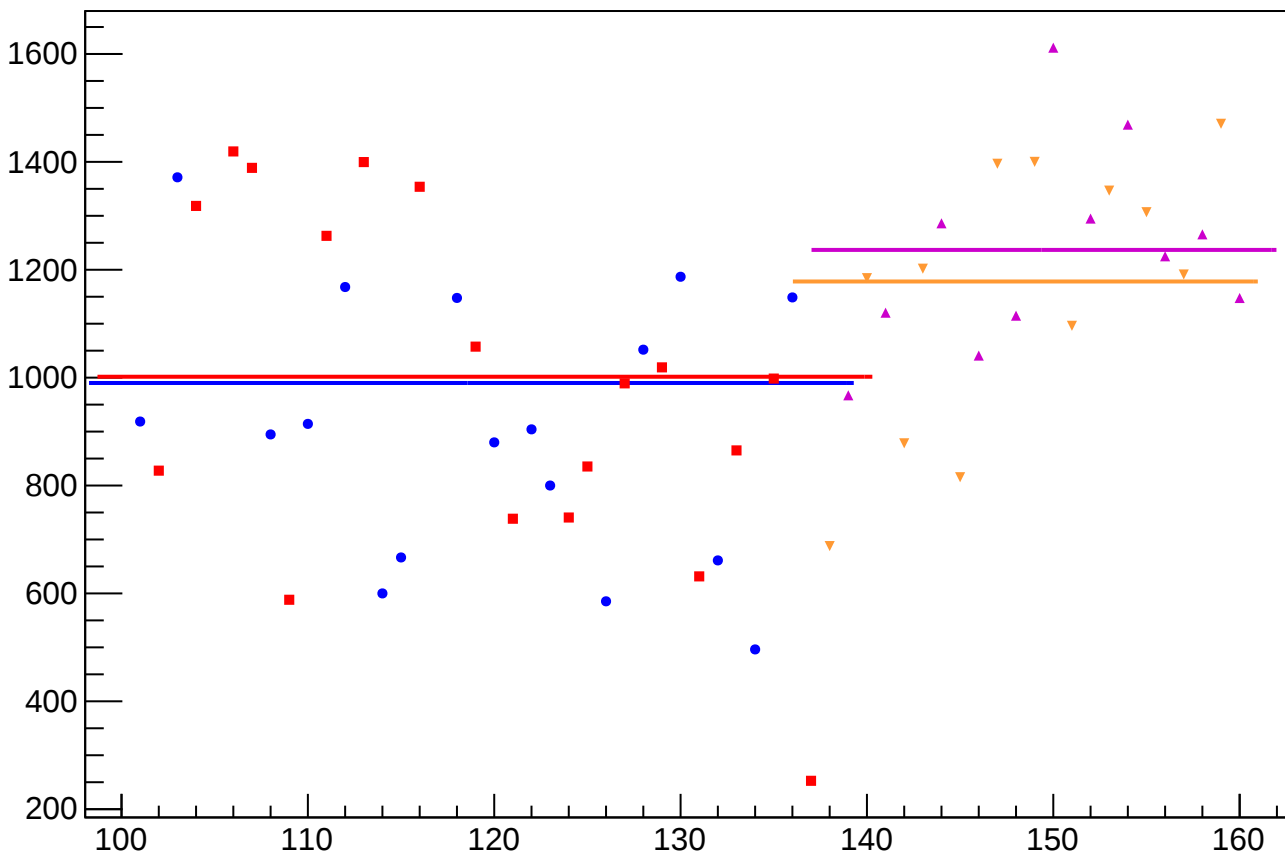
+ sign -2674.244+/-0.000 χ^2/NDF : 1320195564662
 All: -2691.790+/-0.000 χ^2/NDF : 2824958696
 - sign -2708.857+/-0.000 χ^2/NDF : 15037896389045

dit_sam8_coil6_err_mean vs Slug



Right In: 96.465+/-0.000 χ^2/NDF : 7977727256930133620372701565161570304.0/16
 Left Out: 44.236+/-0.000 χ^2/NDF : 142258955441054075250551696151019520.0/11
 Right Out: 78.600+/-0.000 χ^2/NDF : 3499001556563234508710770672385654784.0/17
 Left In: 46.934+/-0.000 χ^2/NDF : 304947612143078258069151469537329152.0/10

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

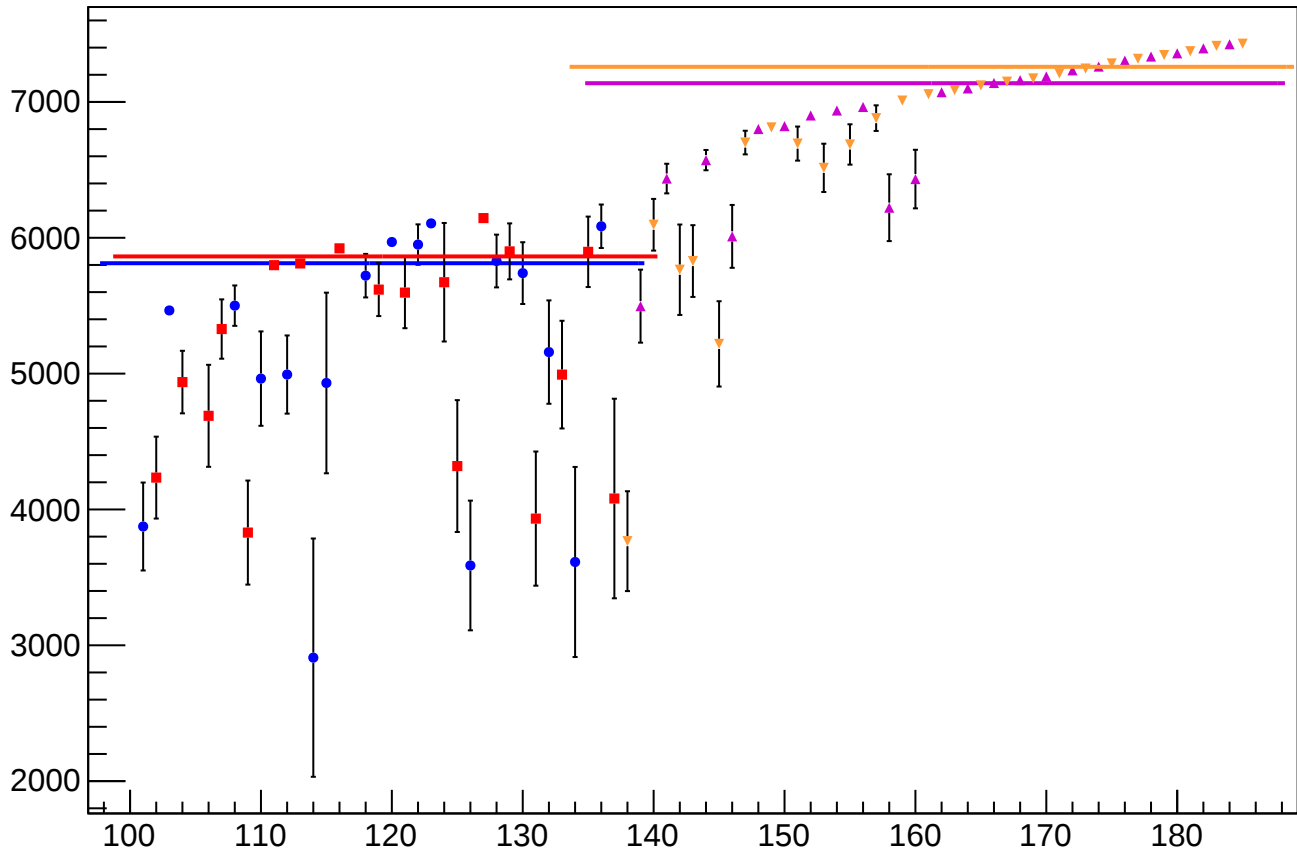
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

+ sign 1096.796 $\pm$ 0.000 χ^2 /NDF: 10299336032606

All: 1116.055 $\pm$ 0.000 χ^2 /NDF: 21820107896

- sign 1134.788 $\pm$ 0.000 χ^2 /NDF: 11403481288125

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

+ sign 6933.639+/-0.081 χ^2/NDF : 62160937.3/41

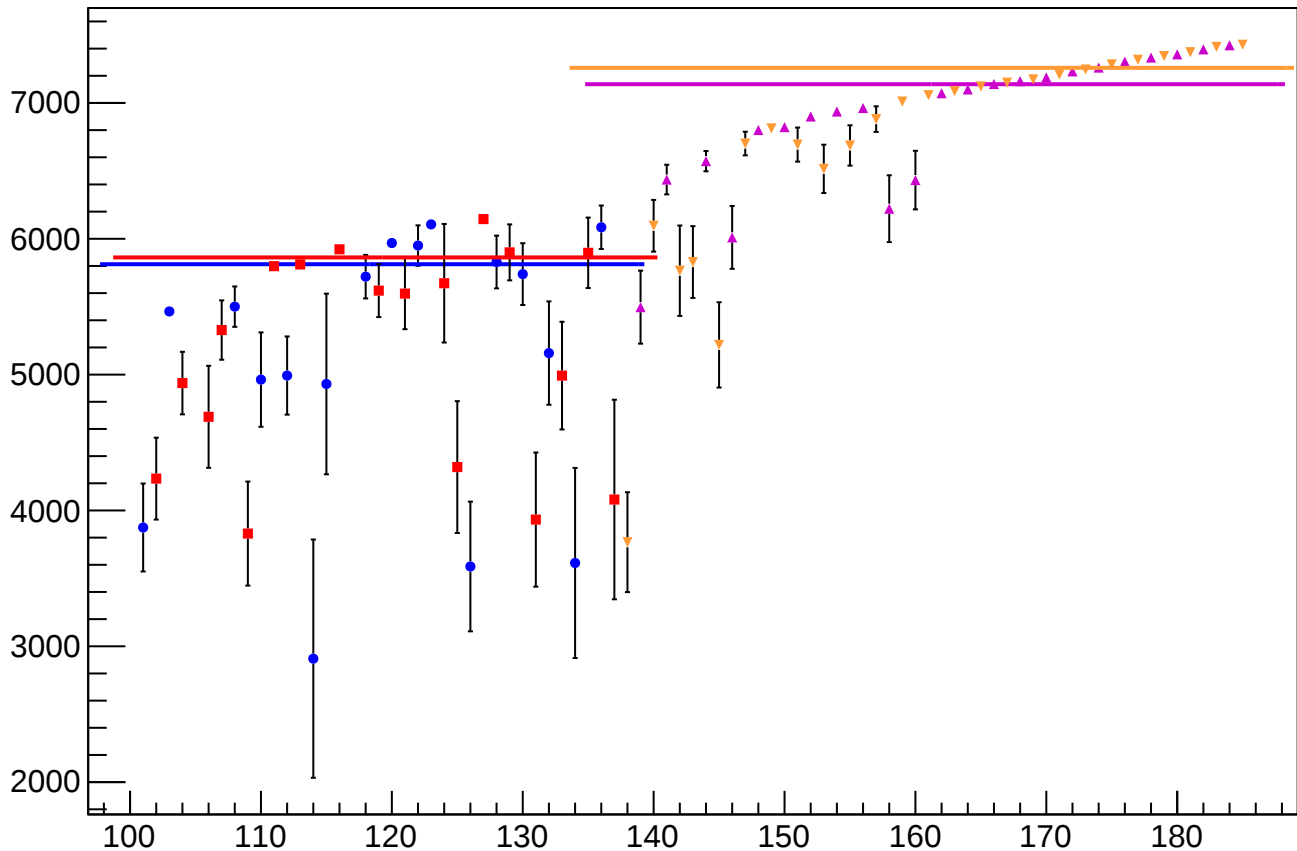
Right Out: 5862.788+/-0.139 χ^2/NDF : 199291.9/17

All: 6823.107+/-0.057 χ^2/NDF : 126611027.2

Left In: 7137.987+/-0.098 χ^2/NDF : 4549121.8/22

- 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

+ sign 6933.639+/-0.081 χ^2/NDF : 62160937.3/41

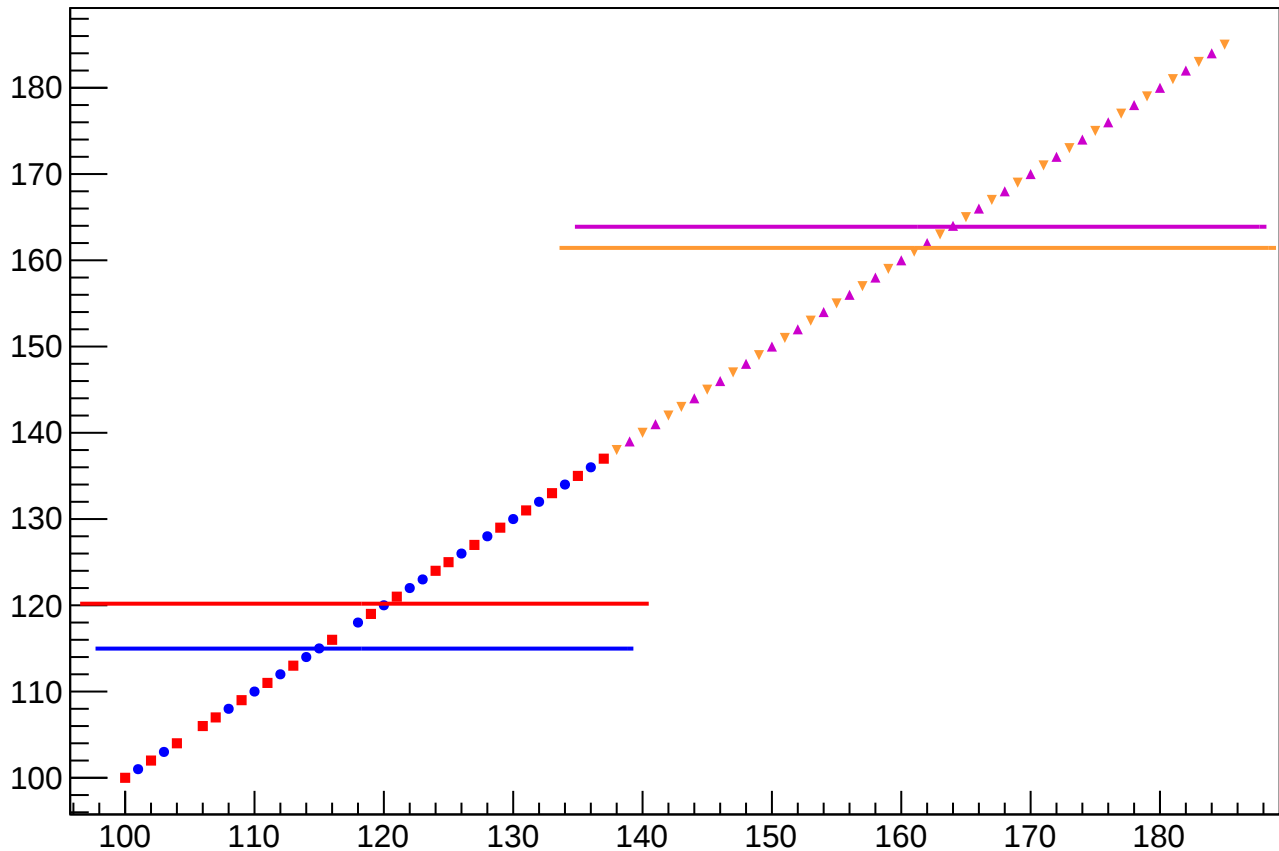
Right Out: 5862.788+/-0.139 χ^2/NDF : 199291.9/17

All: 6823.107+/-0.057 χ^2/NDF : 126611027.2

Left In: 7137.987+/-0.098 χ^2/NDF : 4549121.8/22

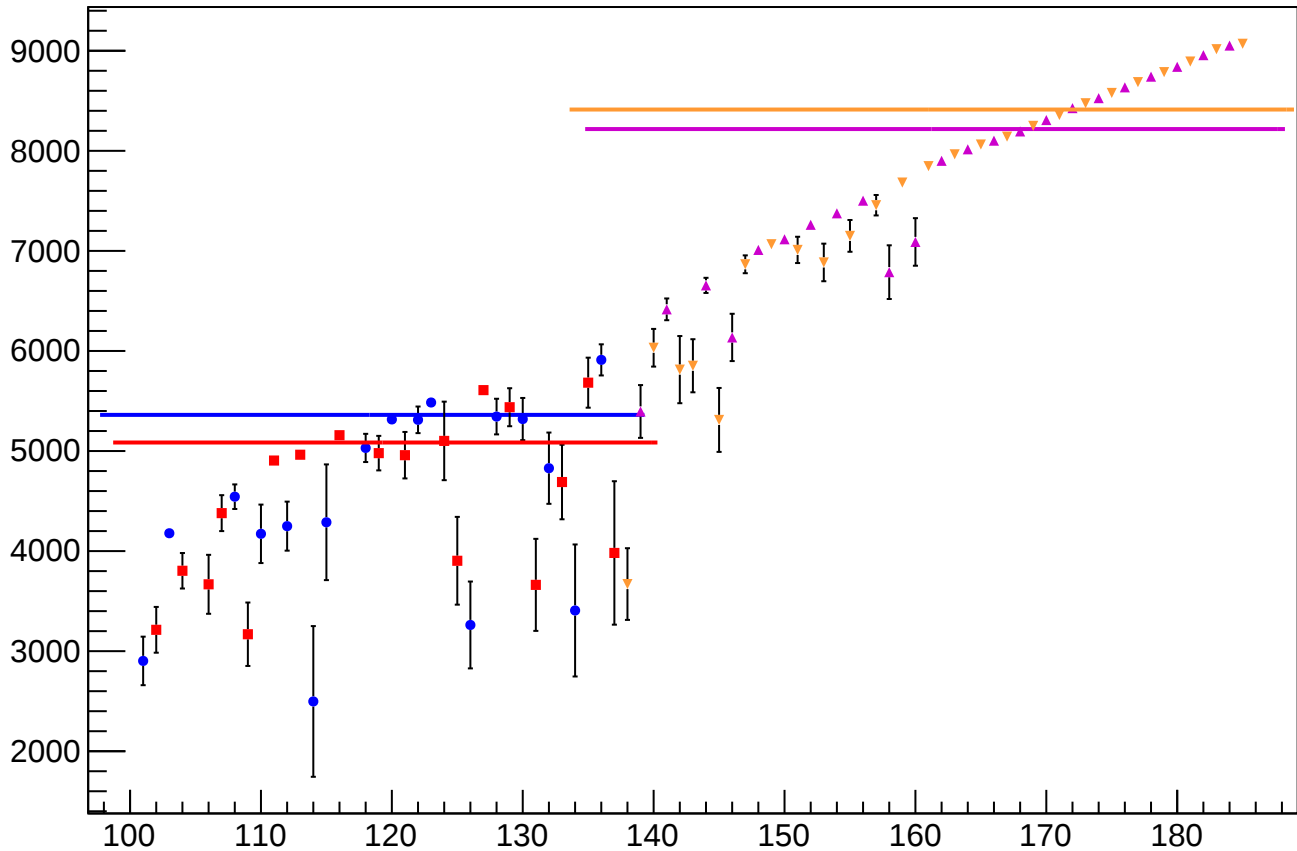
- sign 6714.188+/-0.080 χ^2/NDF : 60740936.0/40

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
 All: 139.110+/-0.000 χ^2/NDF : 303874307424
 + sign 133.483+/-0.000 χ^2/NDF : 152516030568371
 - sign 145.011+/-0.000 χ^2/NDF : 135450294643886

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

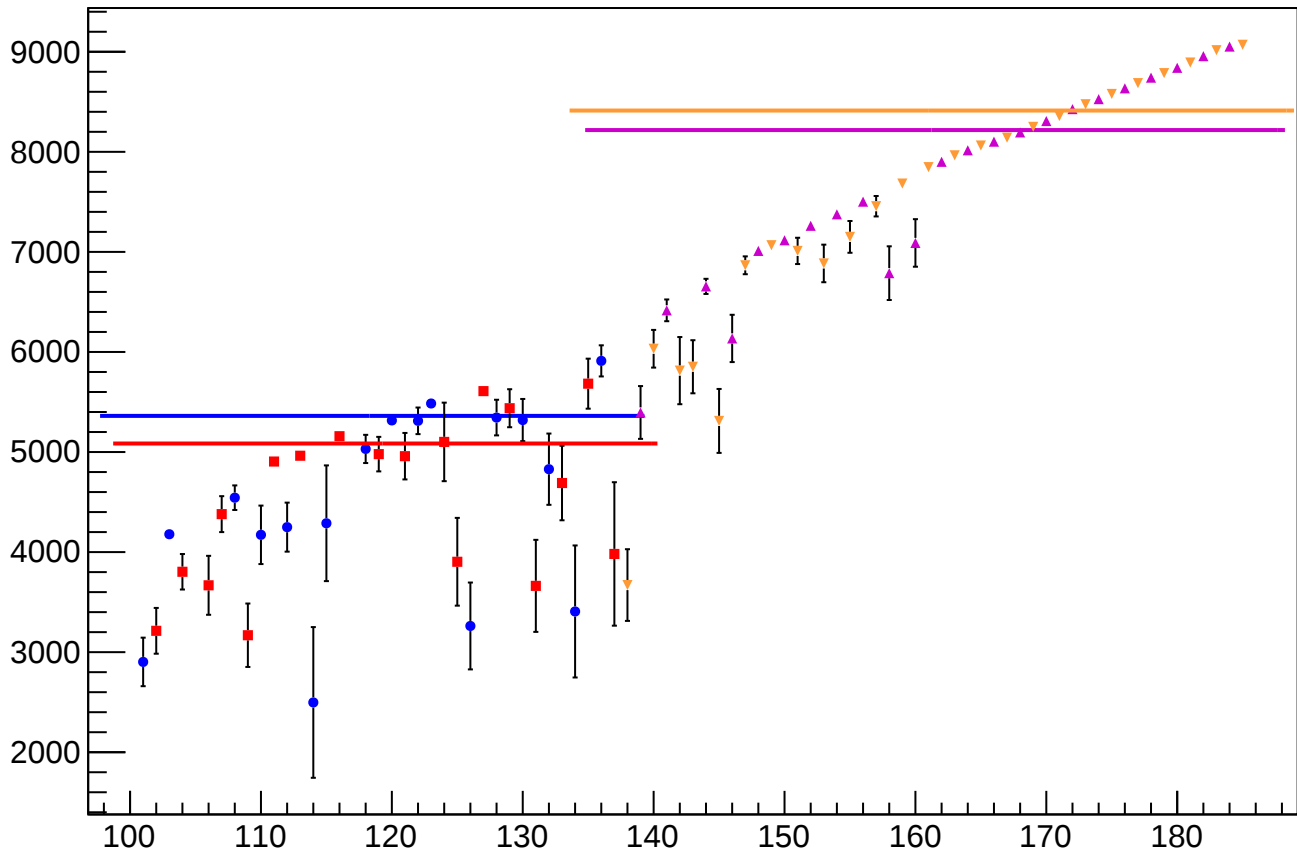
Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ 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 ± 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_scandata1_mean vs Slug



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

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

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

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

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

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

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

dit_scandata1_rms vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

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

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

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

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

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

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

dit_scandata2_rms vs Slug



Right In: 0.000+/-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

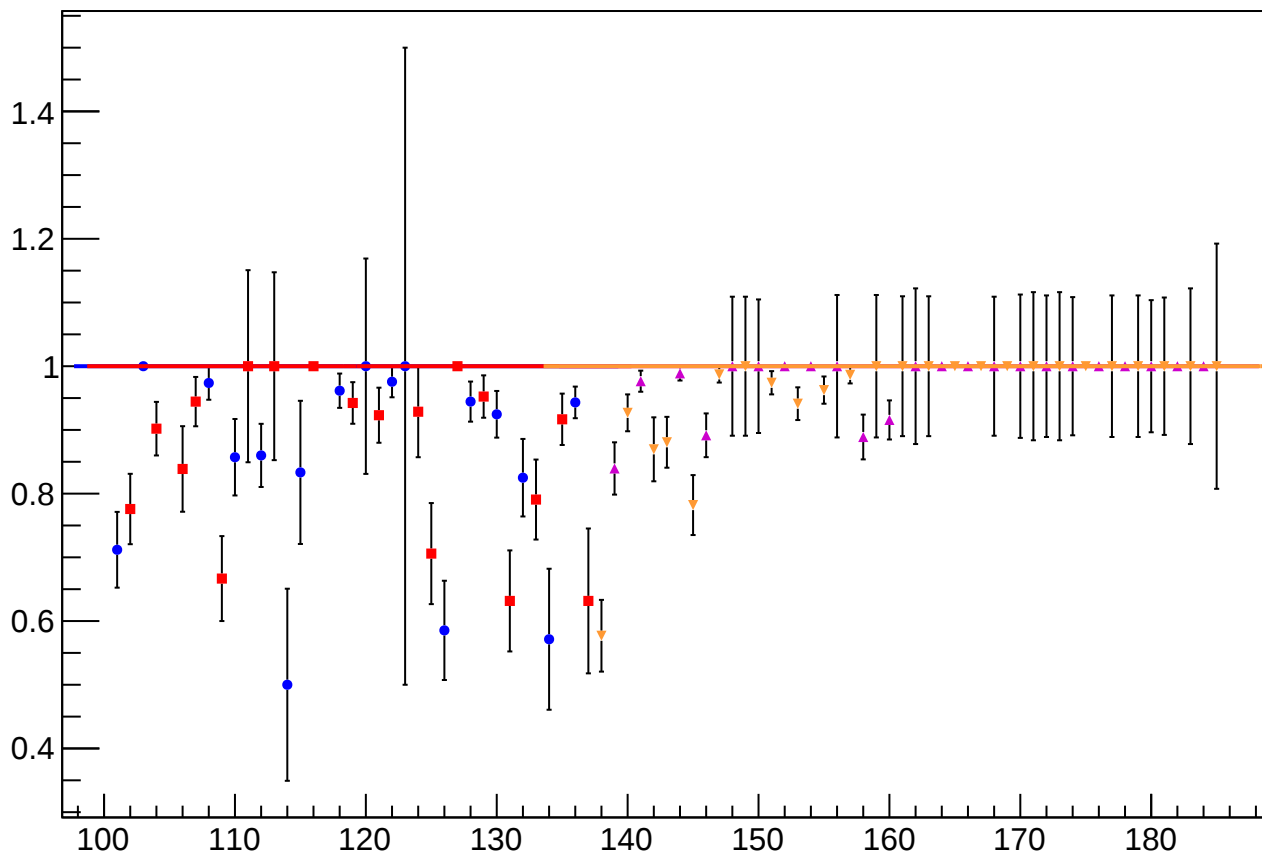
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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

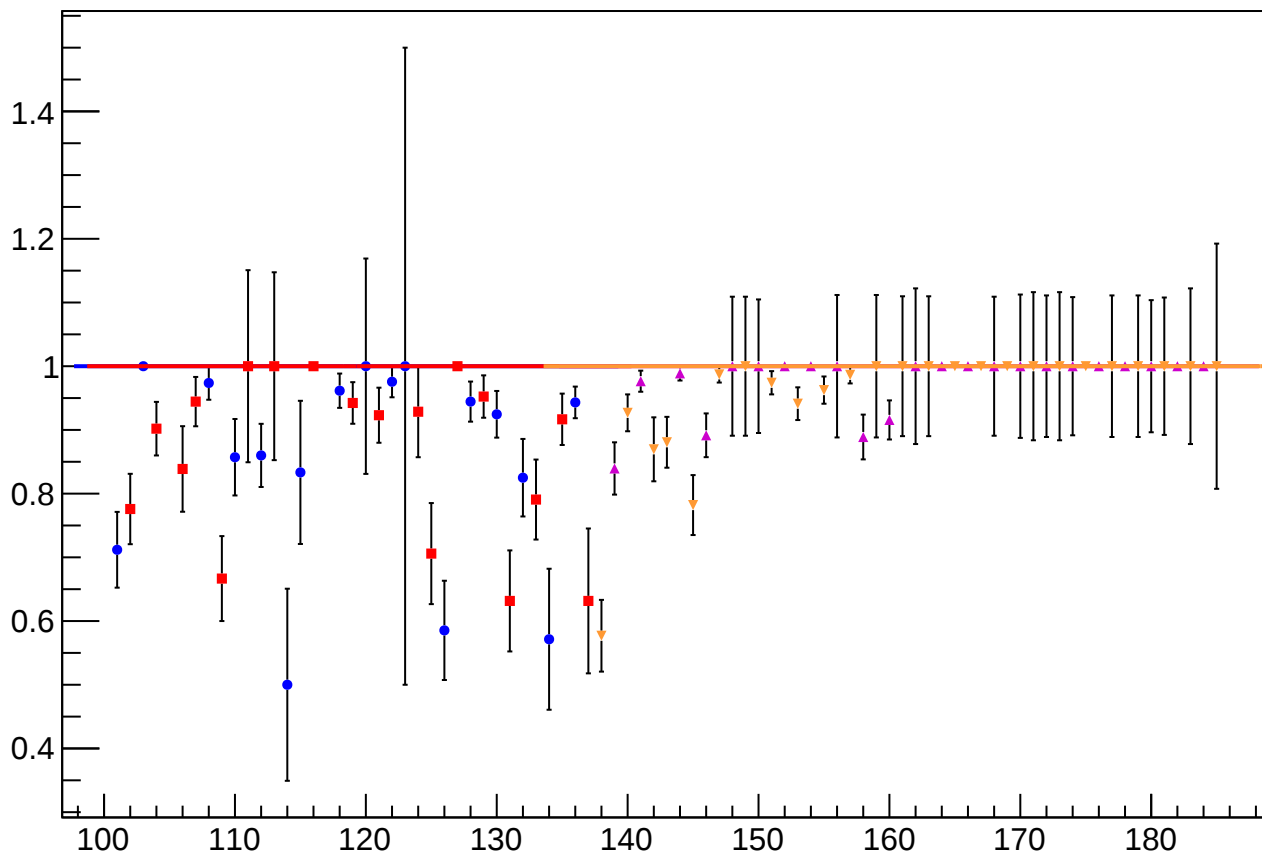
Left In: 1.000+/-0.000 χ^2/NDF : 385.6/22

+ 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+/-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

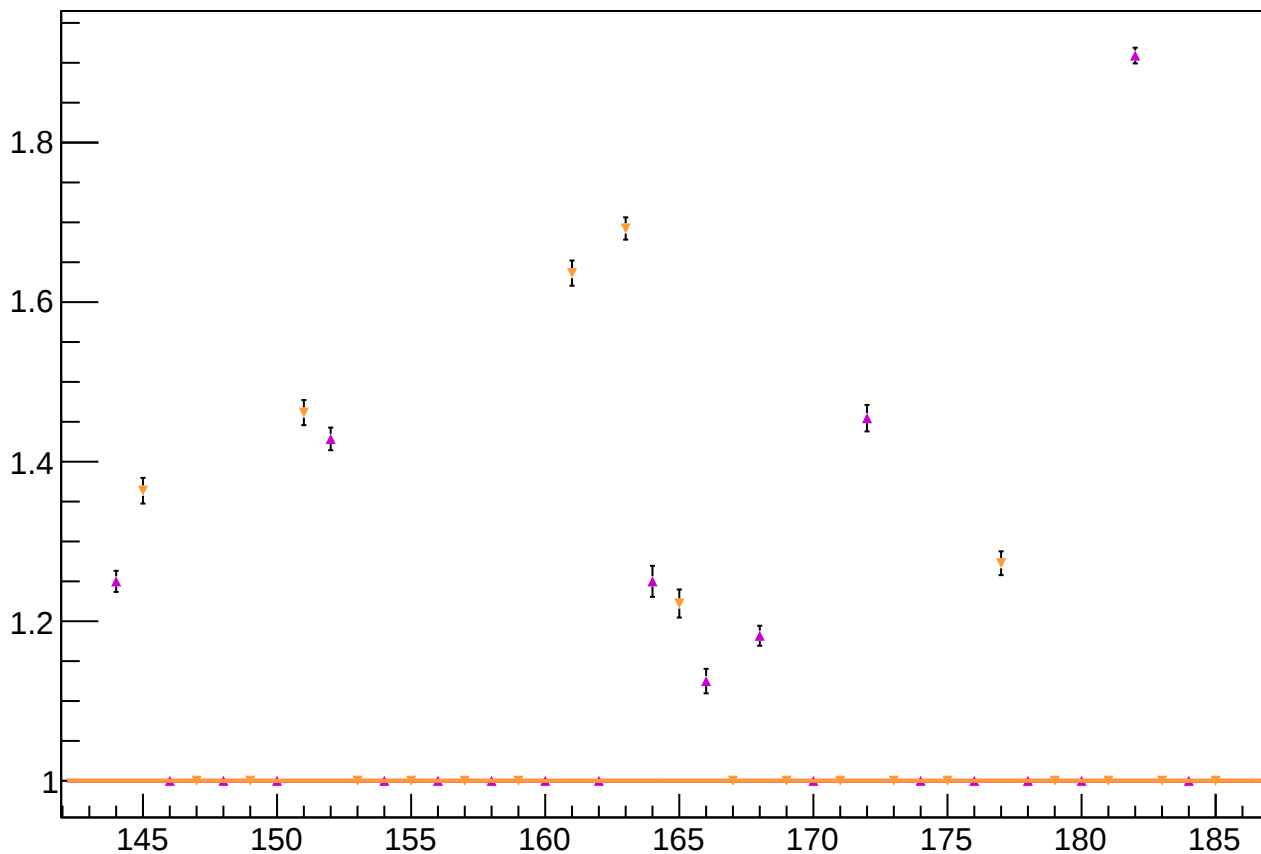
Left In: 1.000+/-0.000 χ^2/NDF : 385.6/22

+ 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_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

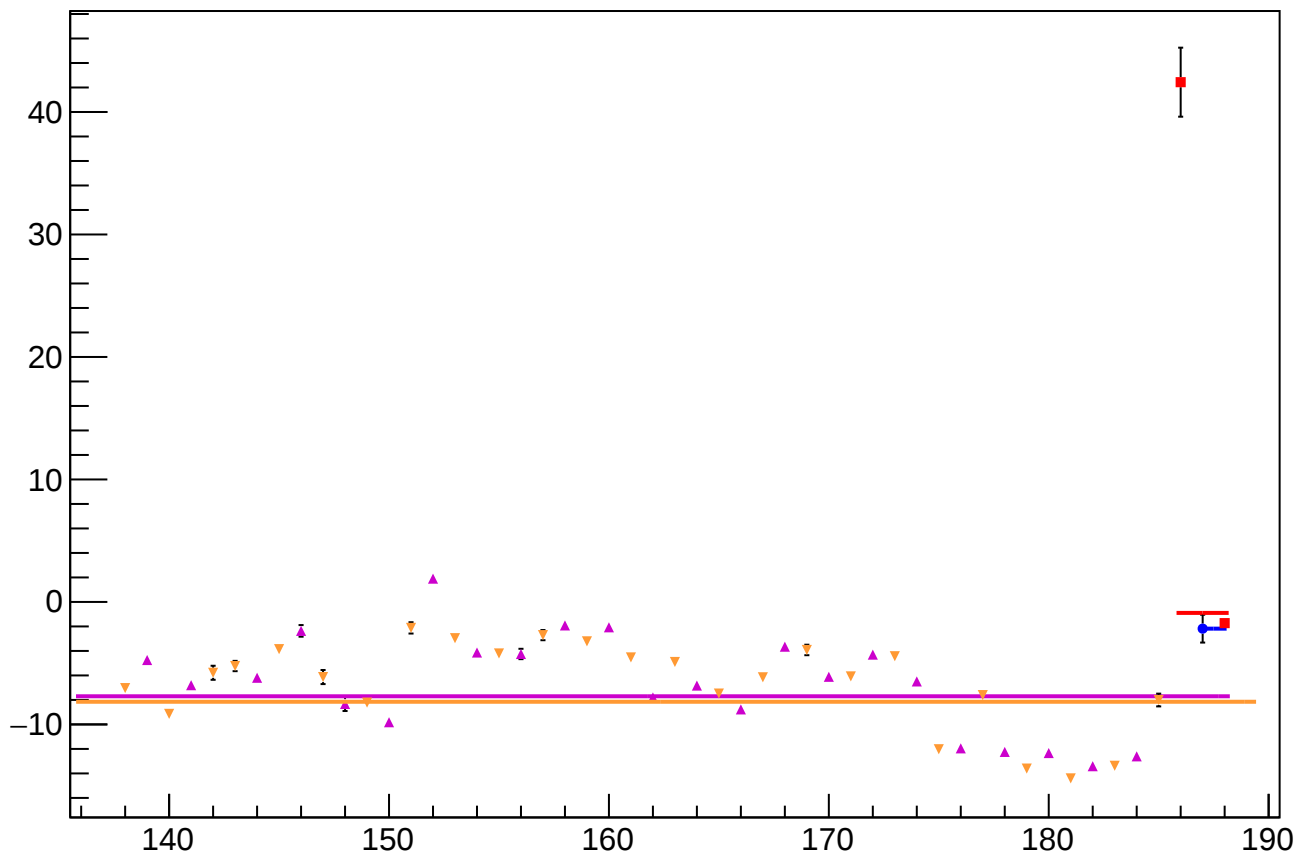
Left In: 1.000+/-0.000 χ^2/NDF :12089.0/20

+ 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: -0.895 ± 0.387 χ^2/NDF : 241.1/1

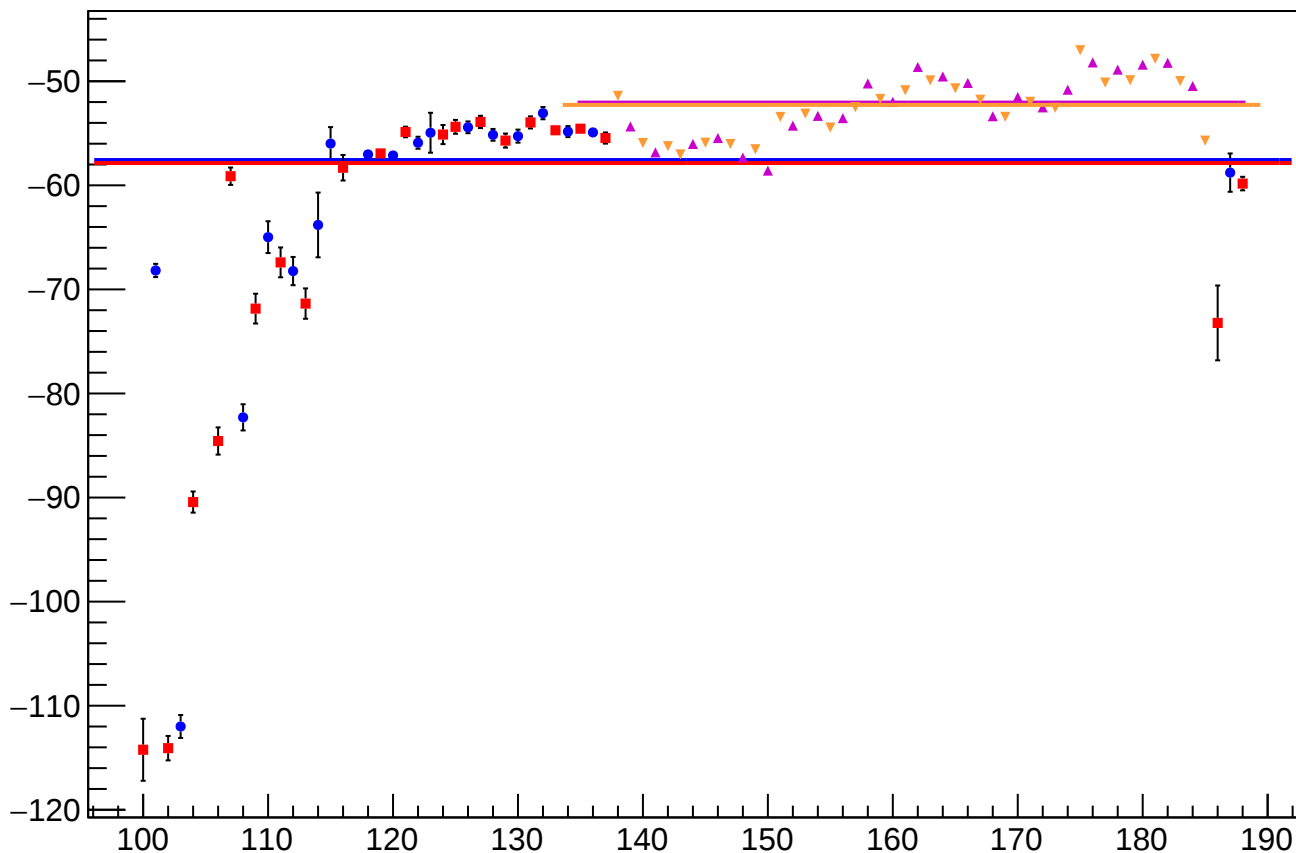
Left In: -7.701 ± 0.068 χ^2/NDF : 3737.2/22

+ sign -8.128 ± 0.067 χ^2/NDF : 3640.5/25

All: -7.811 ± 0.048 χ^2/NDF : 7962.8/50

- sign -7.495 ± 0.067 χ^2/NDF : 4278.2/24

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.570 $\pm$ 0.141 χ^2 /NDF: 3456.4/17

Left Out: -52.271 $\pm$ 0.055 χ^2 /NDF: 2609.6/24

Right Out: -57.855 $\pm$ 0.140 χ^2 /NDF: 4726.6/20

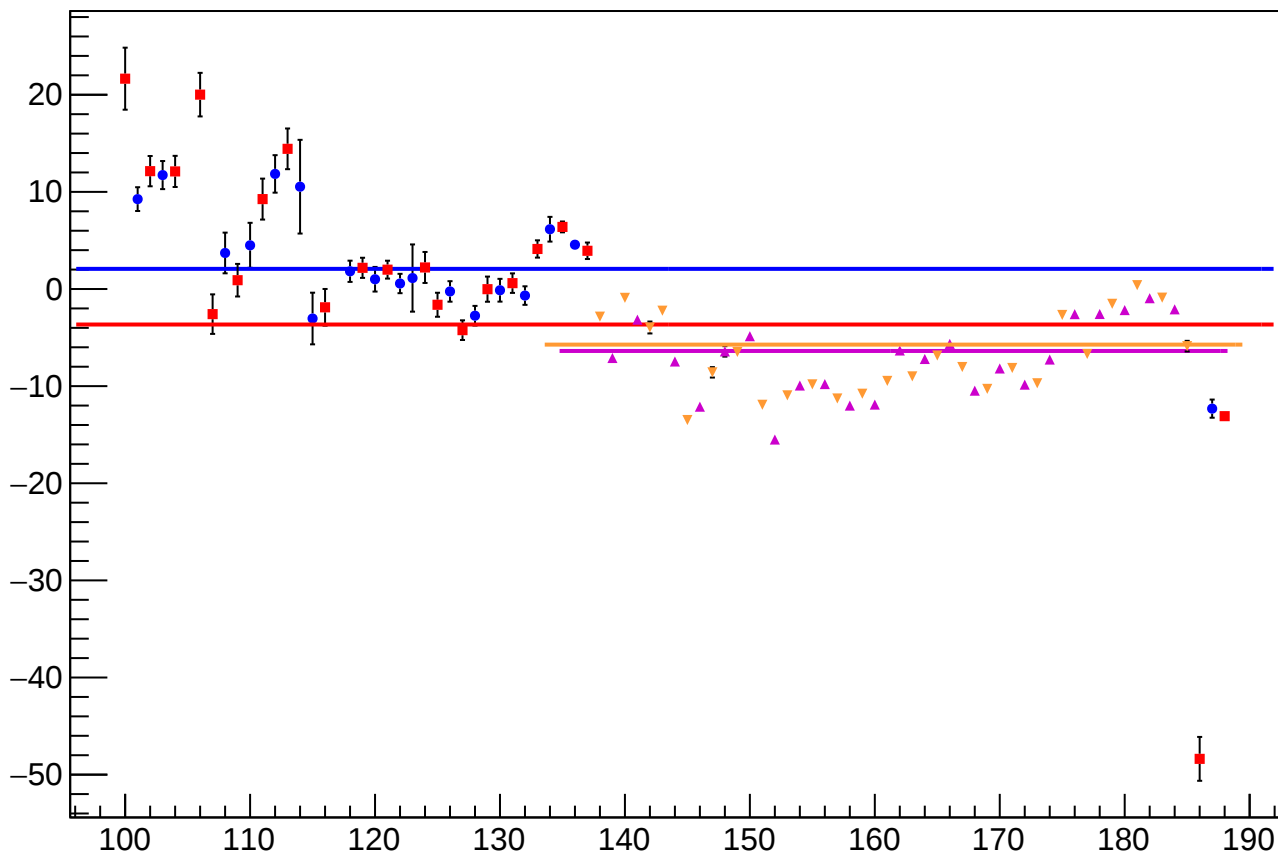
Left In: -52.050 $\pm$ 0.057 χ^2 /NDF: 3197.5/22

+ sign -52.975 $\pm$ 0.051 χ^2 /NDF: 7290.0/42

All: -52.929 $\pm$ 0.037 χ^2 /NDF: 16698.7/86

- sign -52.880 $\pm$ 0.053 χ^2 /NDF: 9407.0/43

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: -3.656 ± 0.203 χ^2/NDF : 2372.7/20

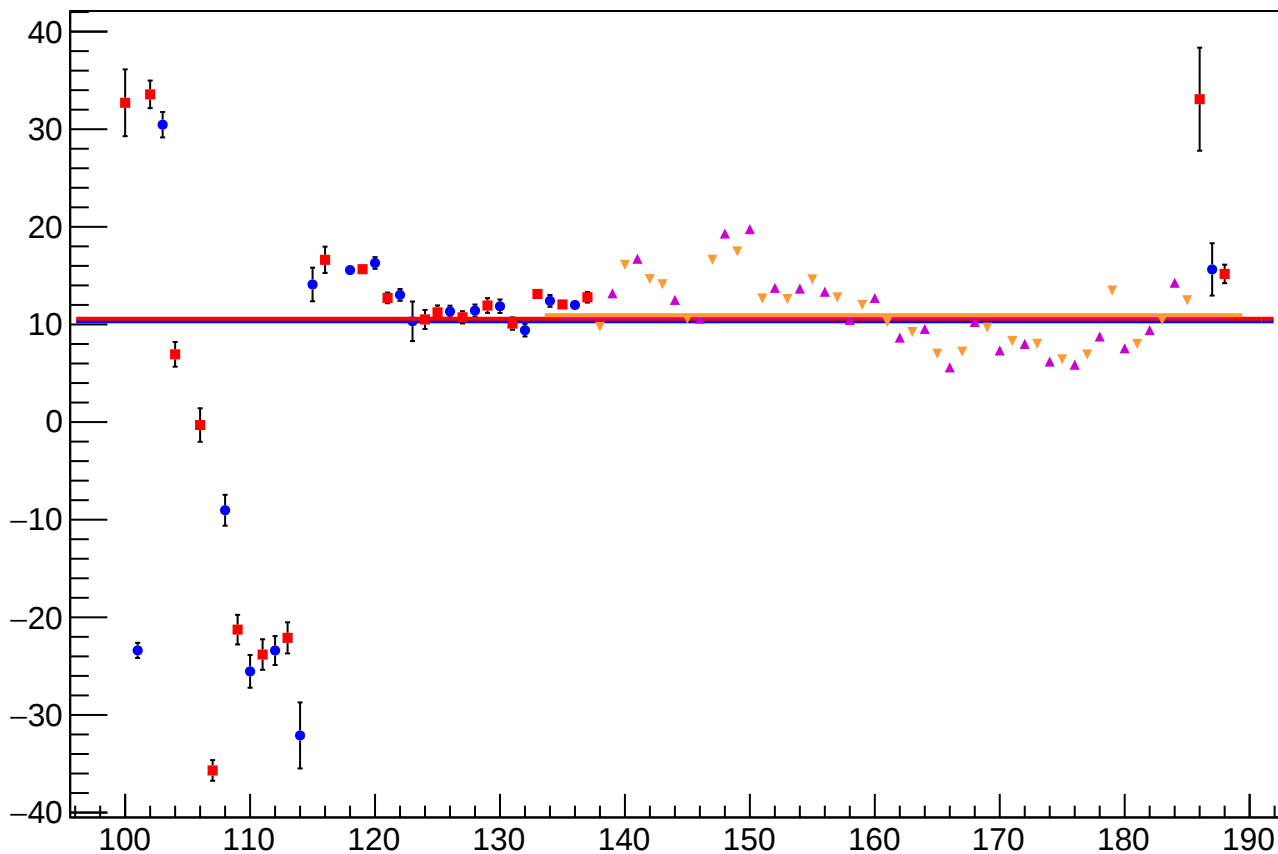
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ sign -5.186 ± 0.065 χ^2/NDF : 5347.4/42

All: -5.648 ± 0.046 χ^2/NDF : 11376.8/86

- sign -6.102 ± 0.065 χ^2/NDF : 5930.0/43

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: 10.584 $\pm$ 0.158 χ^2 /NDF: 3871.0/20

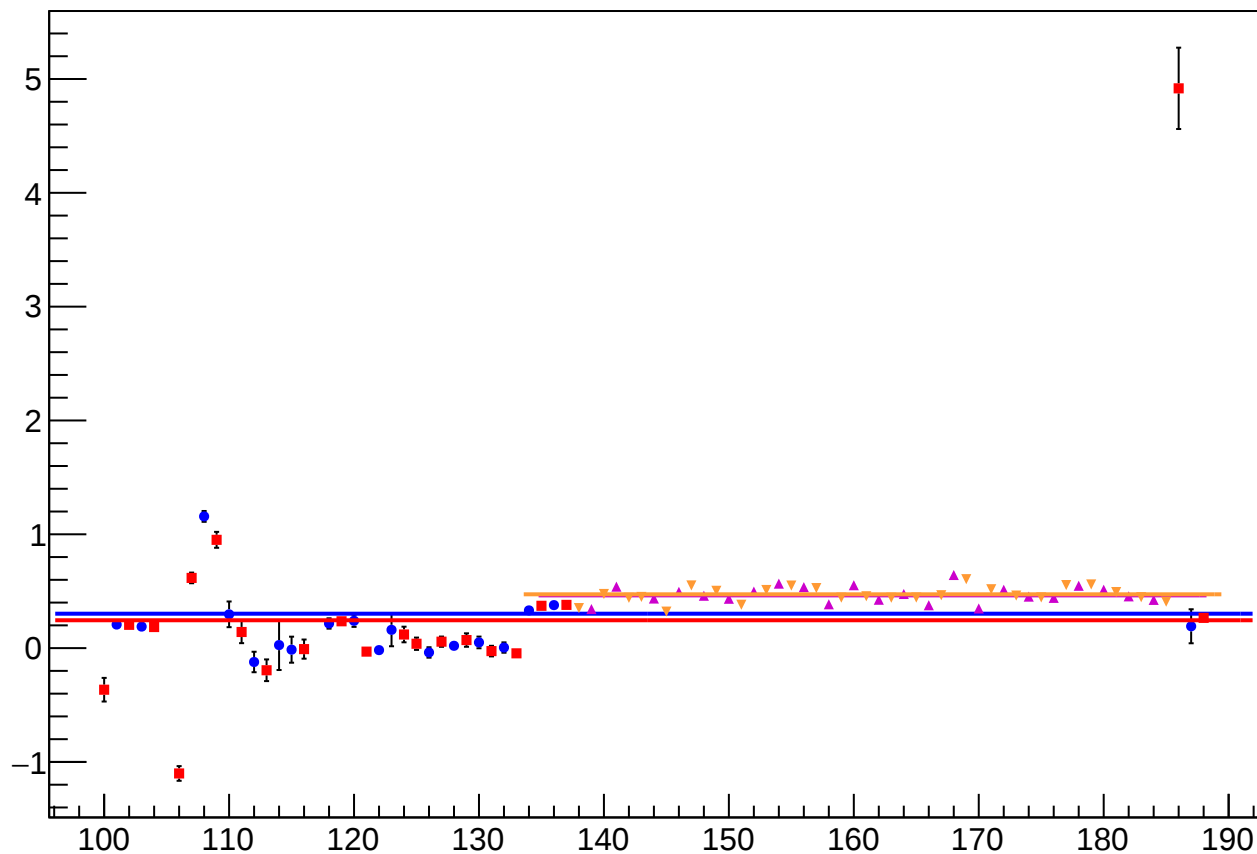
Left In: 10.818 $\pm$ 0.063 χ^2 /NDF: 3577.7/22

+ sign 10.866 $\pm$ 0.057 χ^2 /NDF: 6350.5/42

All: 10.827 $\pm$ 0.041 χ^2 /NDF: 13802.1/86

- sign 10.786 $\pm$ 0.058 χ^2 /NDF: 7450.6/43

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: 0.245 ± 0.008 χ^2/NDF : 1158.2/20

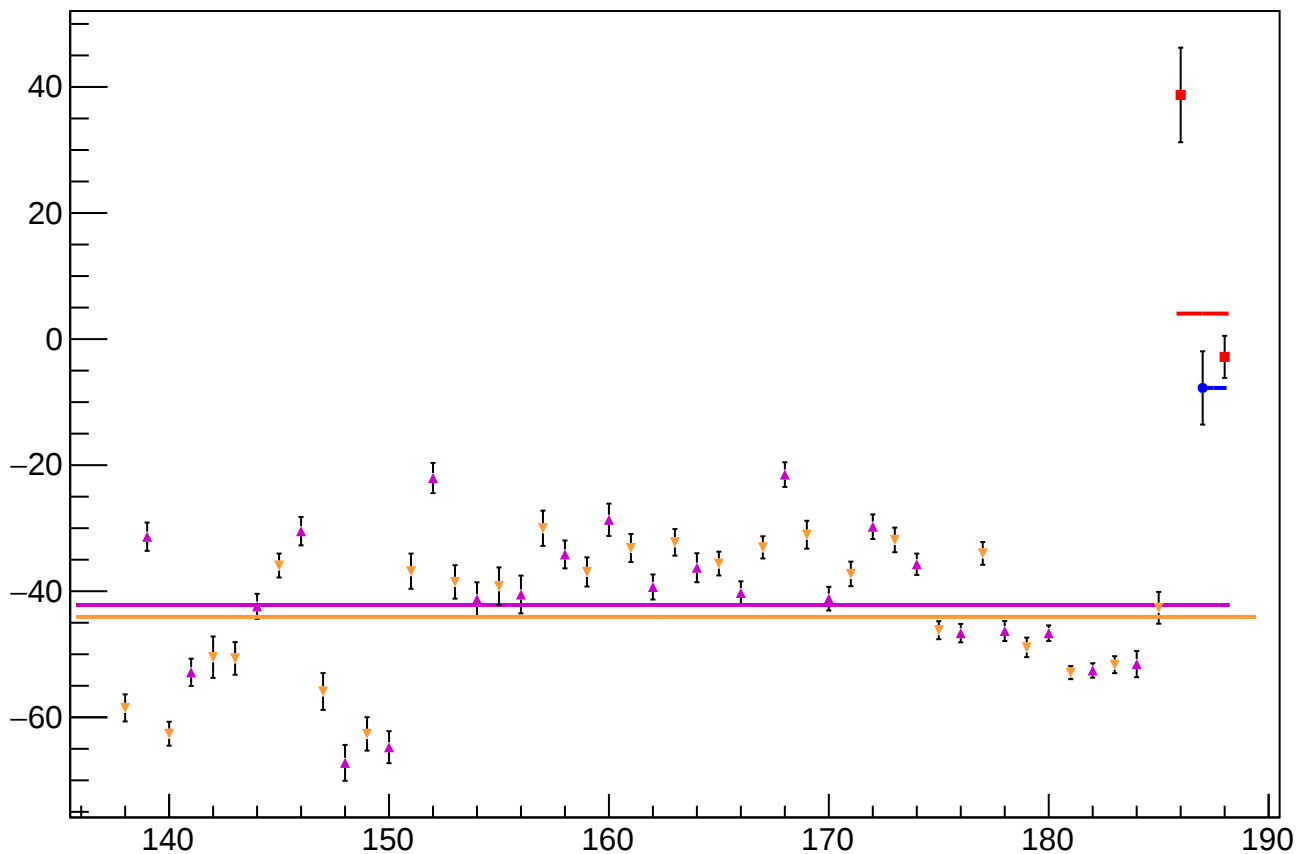
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.455 ± 0.003 χ^2/NDF : 1551.4/42

All: 0.449 ± 0.002 χ^2/NDF : 4092.8/86

- sign 0.442 ± 0.003 χ^2/NDF : 2528.0/43

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: 4.044 ± 3.049 χ^2/NDF : 25.6/1

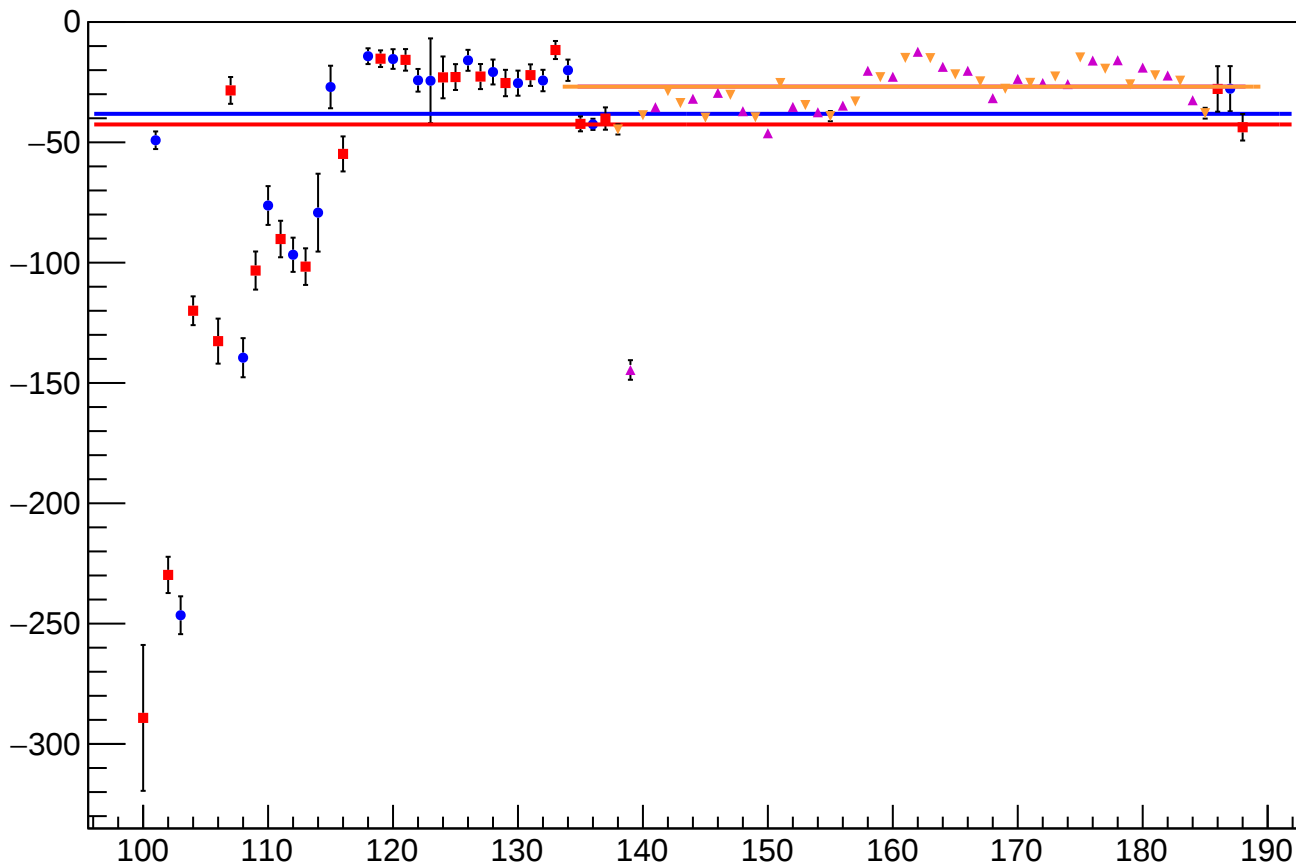
Left In: -42.185 ± 0.398 χ^2/NDF : 651.0/22

+ sign -43.912 ± 0.388 χ^2/NDF : 671.7/25

All: -42.681 ± 0.277 χ^2/NDF : 1594.9/50

- sign -41.412 ± 0.394 χ^2/NDF : 902.8/24

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: -42.570 ± 1.173 $\chi^2/\text{NDF}: 1344.1/20$

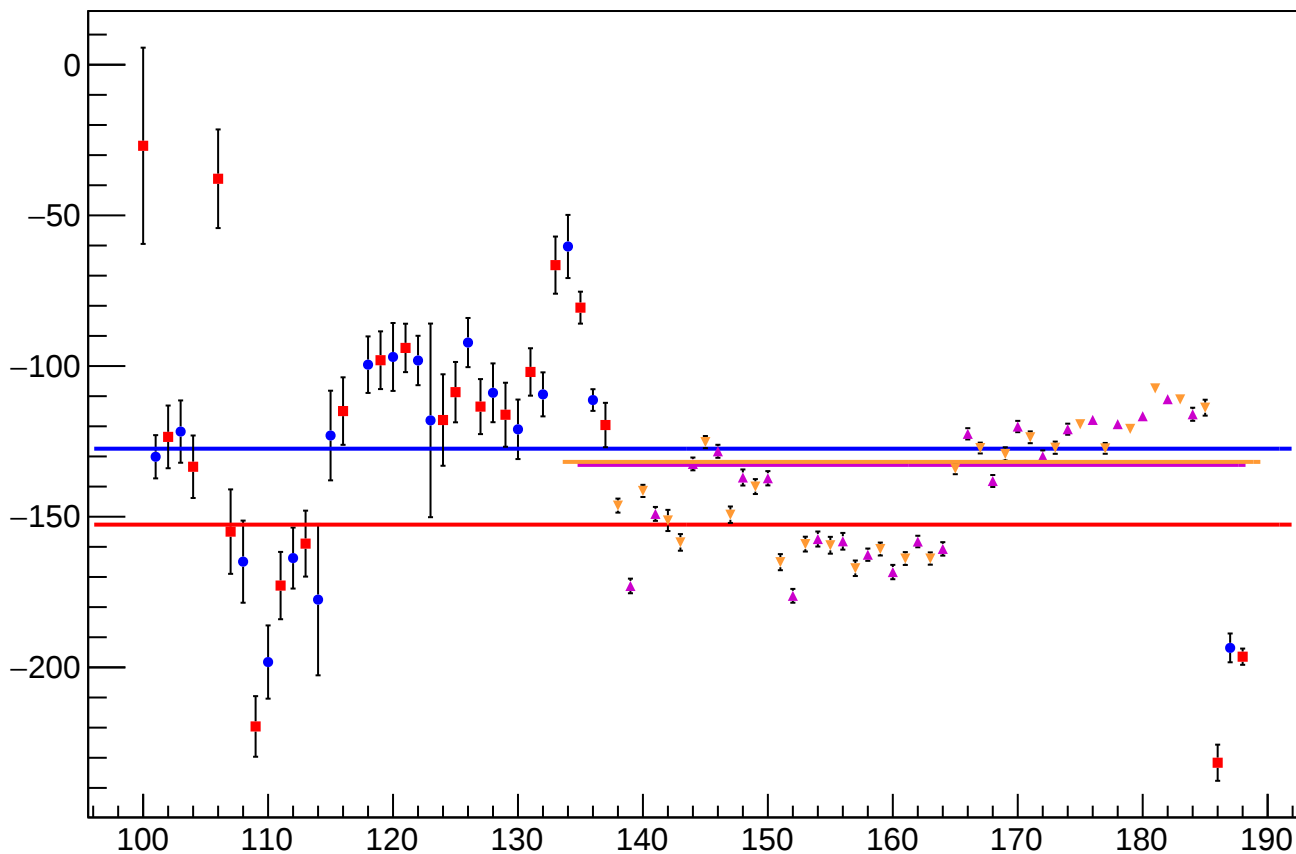
Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

+ sign -27.692 ± 0.305 $\chi^2/\text{NDF}: 1855.8/42$

All: -27.818 ± 0.219 $\chi^2/\text{NDF}: 4849.0/86$

- sign -27.950 ± 0.314 $\chi^2/\text{NDF}: 2992.9/43$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -127.426 ± 1.901 χ^2/NDF : 369.1/17

Left Out: -131.805 ± 0.392 χ^2/NDF : 2417.0/24

Right Out: -152.626 ± 1.642 χ^2/NDF : 1042.0/20

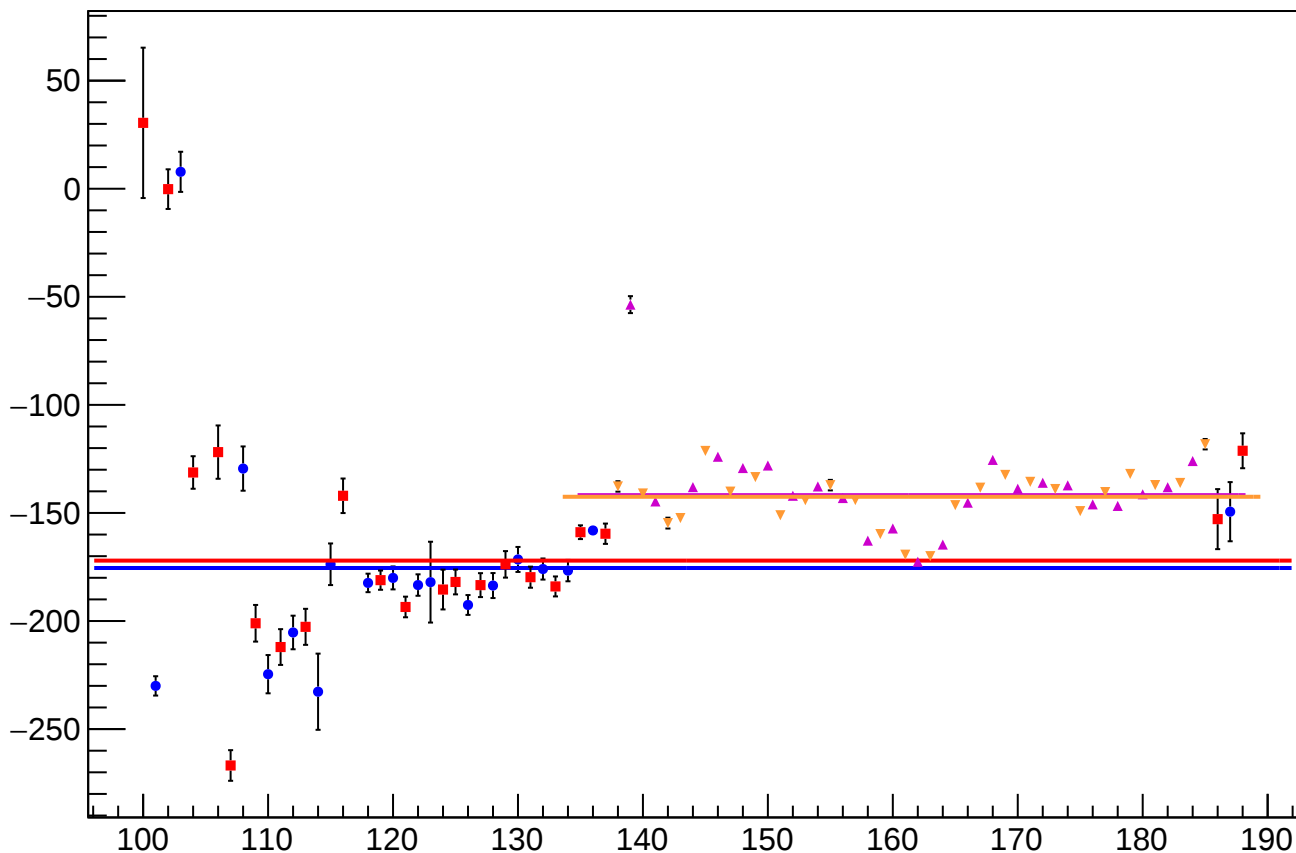
Left In: -132.799 ± 0.398 χ^2/NDF : 2515.9/22

+ sign -131.626 ± 0.384 χ^2/NDF : 2791.2/42

All: -132.755 ± 0.272 χ^2/NDF : 6504.2/86

- sign -133.899 ± 0.387 χ^2/NDF : 3695.6/43

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: -172.051 ± 1.331 χ^2/NDF : 780.6/20

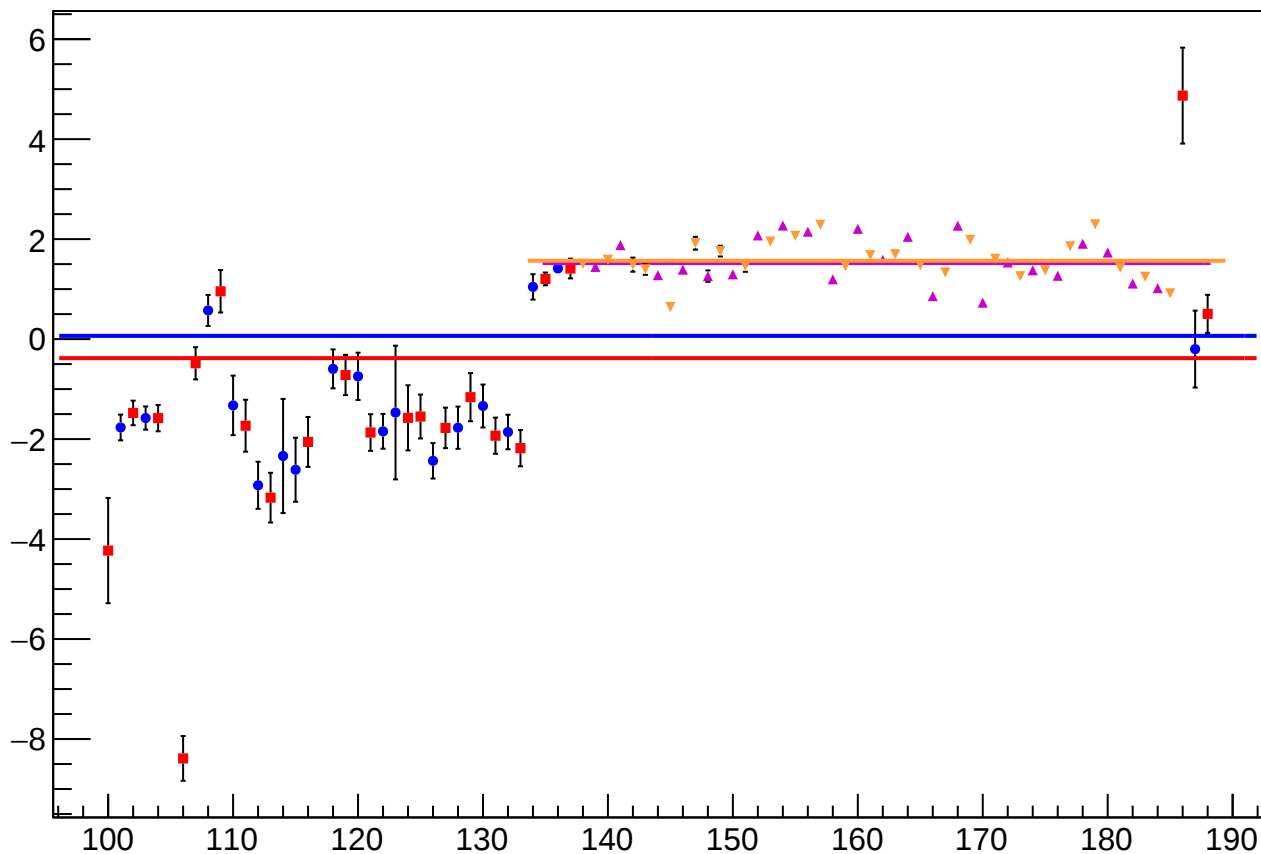
Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

+ sign -144.930 ± 0.342 χ^2/NDF : 2472.6/42

All: -144.409 ± 0.244 χ^2/NDF : 5344.2/86

- sign -143.862 ± 0.350 χ^2/NDF : 2866.9/43

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: -0.381 ± 0.070 χ^2/NDF : 790.9/20

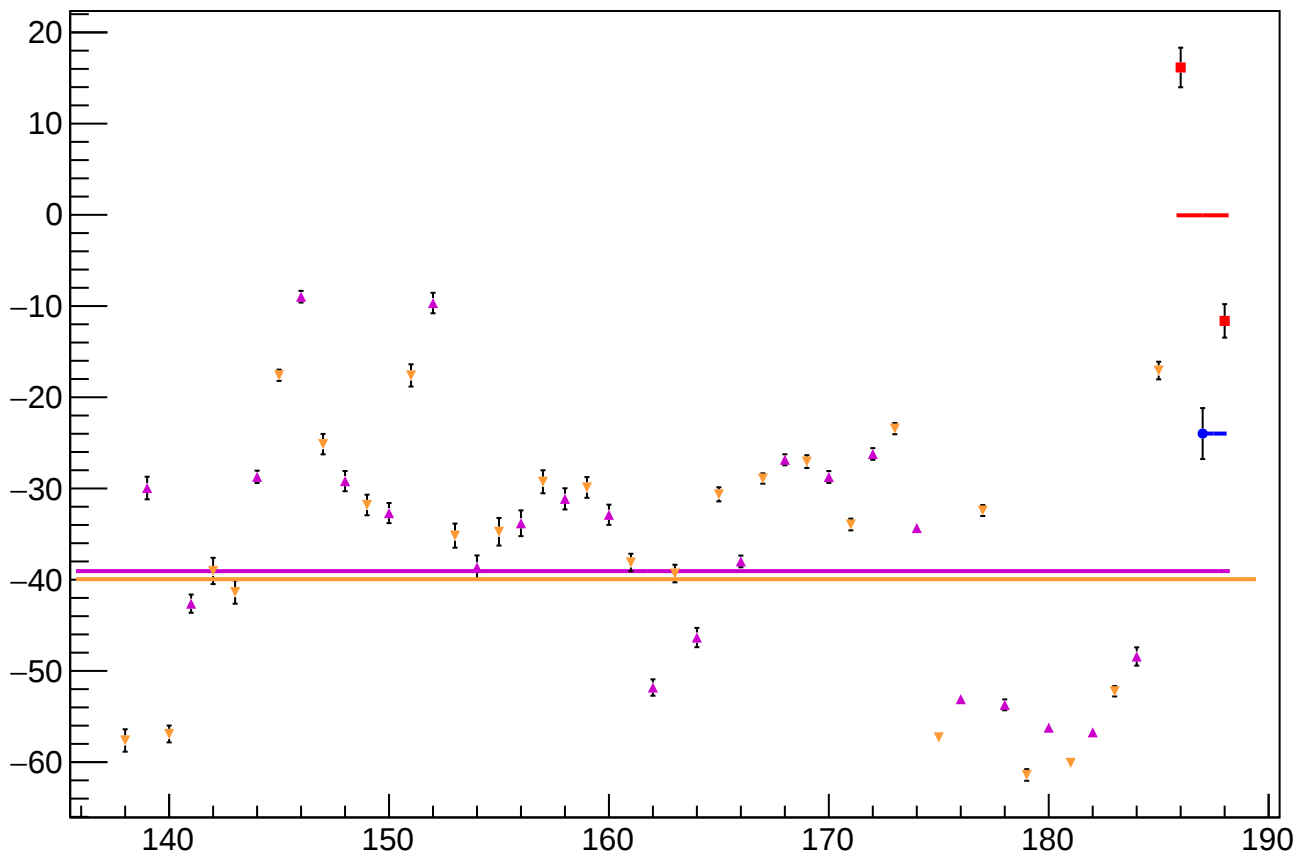
Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

+ sign 1.484 ± 0.016 χ^2/NDF : 1546.5/42

All: 1.453 ± 0.011 χ^2/NDF : 3789.8/86

- sign 1.422 ± 0.016 χ^2/NDF : 2235.6/43

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -23.980 ± 2.794 χ^2/NDF : 0.0/0

Left Out: -39.942 ± 0.153 χ^2/NDF : 9806.2/24

Right Out: -0.050 ± 1.402 χ^2/NDF : 95.4/1

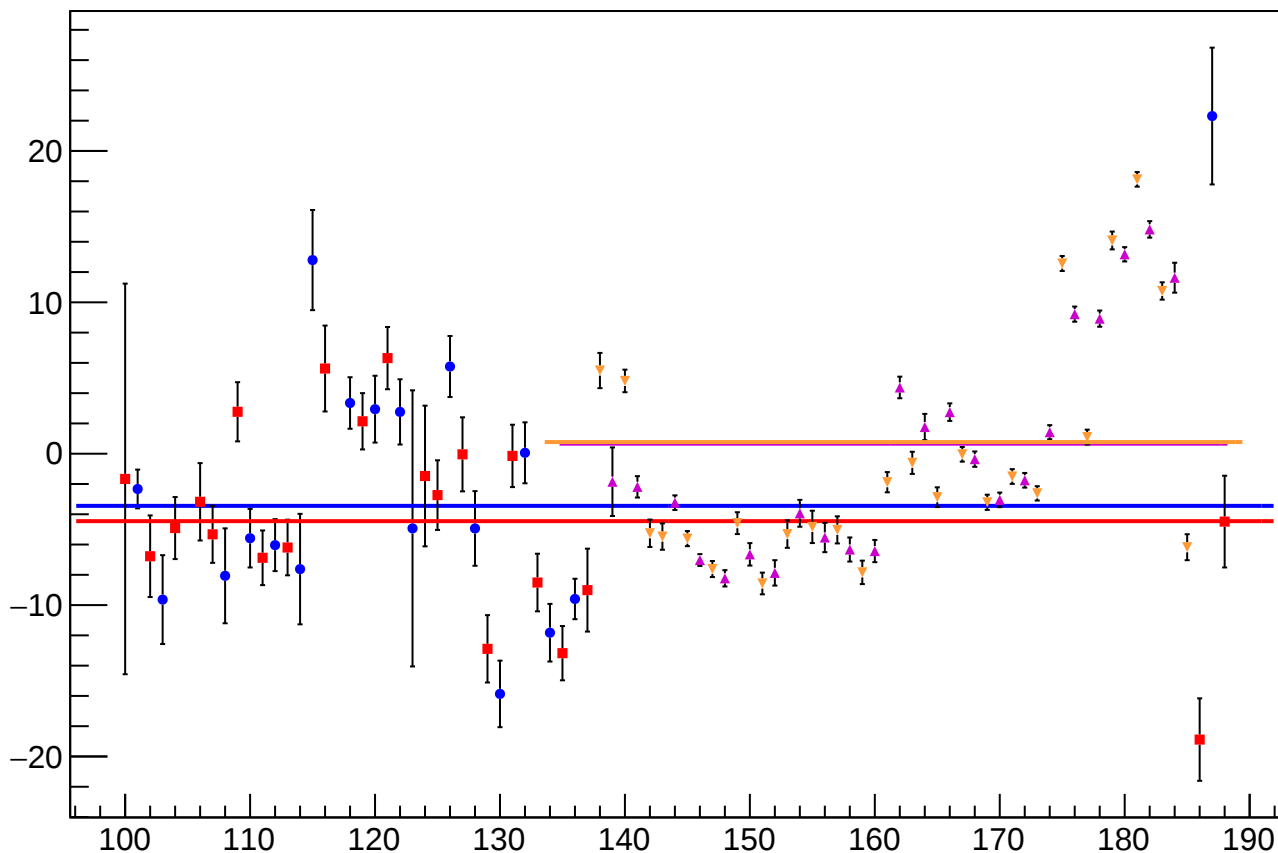
Left In: -39.060 ± 0.154 χ^2/NDF : 8577.0/22

+ sign -39.894 ± 0.153 χ^2/NDF : 9838.7/25

All: -39.244 ± 0.108 χ^2/NDF : 19311.8/50

- sign -38.595 ± 0.153 χ^2/NDF : 9437.1/24

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: -4.455 ± 0.492 χ^2/NDF : 152.4/20

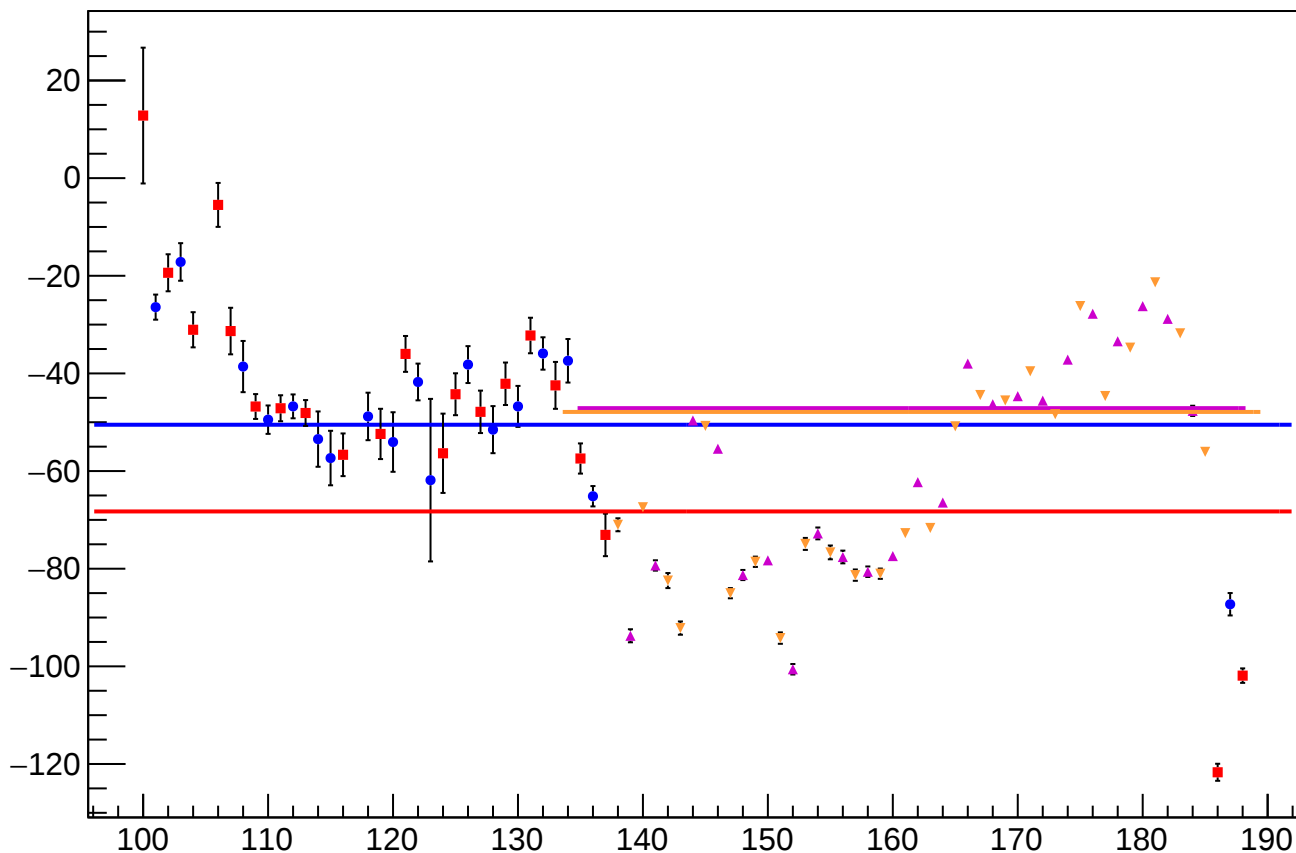
Left In: 0.662 ± 0.124 χ^2/NDF : 3340.9/22

+ sign 0.517 ± 0.121 χ^2/NDF : 4220.1/42

All: 0.436 ± 0.085 χ^2/NDF : 7816.1/86

- sign 0.356 ± 0.120 χ^2/NDF : 3595.1/43

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -50.513 ± 0.822 χ^2/NDF : 524.1/17

Left Out: -47.888 ± 0.155 χ^2/NDF : 16707.2/24

Right Out: -68.271 ± 0.693 χ^2/NDF : 2532.3/20

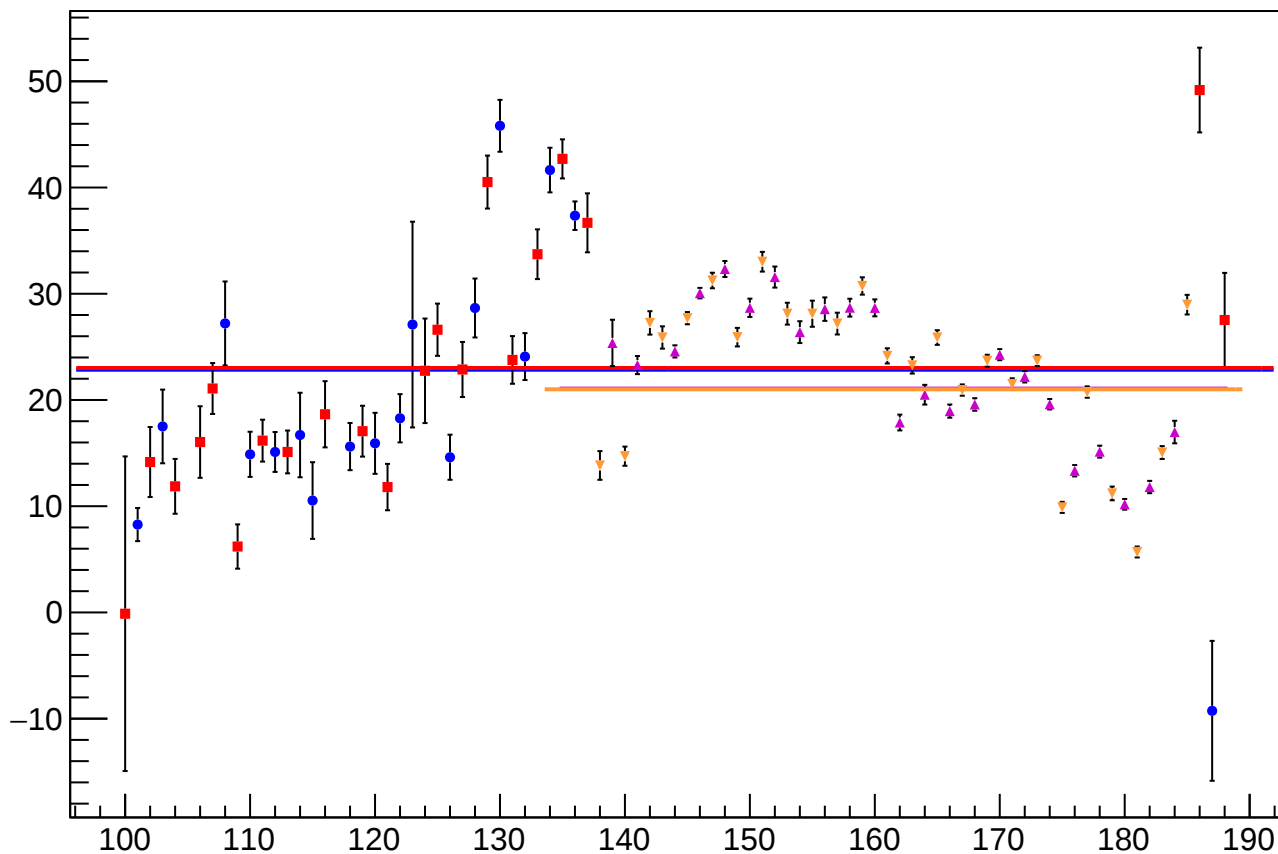
Left In: -47.112 ± 0.155 χ^2/NDF : 15654.8/22

+ sign -47.978 ± 0.152 χ^2/NDF : 17241.1/42

All: -48.048 ± 0.107 χ^2/NDF : 36316.9/86

- sign -48.117 ± 0.151 χ^2/NDF : 19075.3/43

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: 23.012 $\pm$ 0.562 χ^2 /NDF: 415.5/20

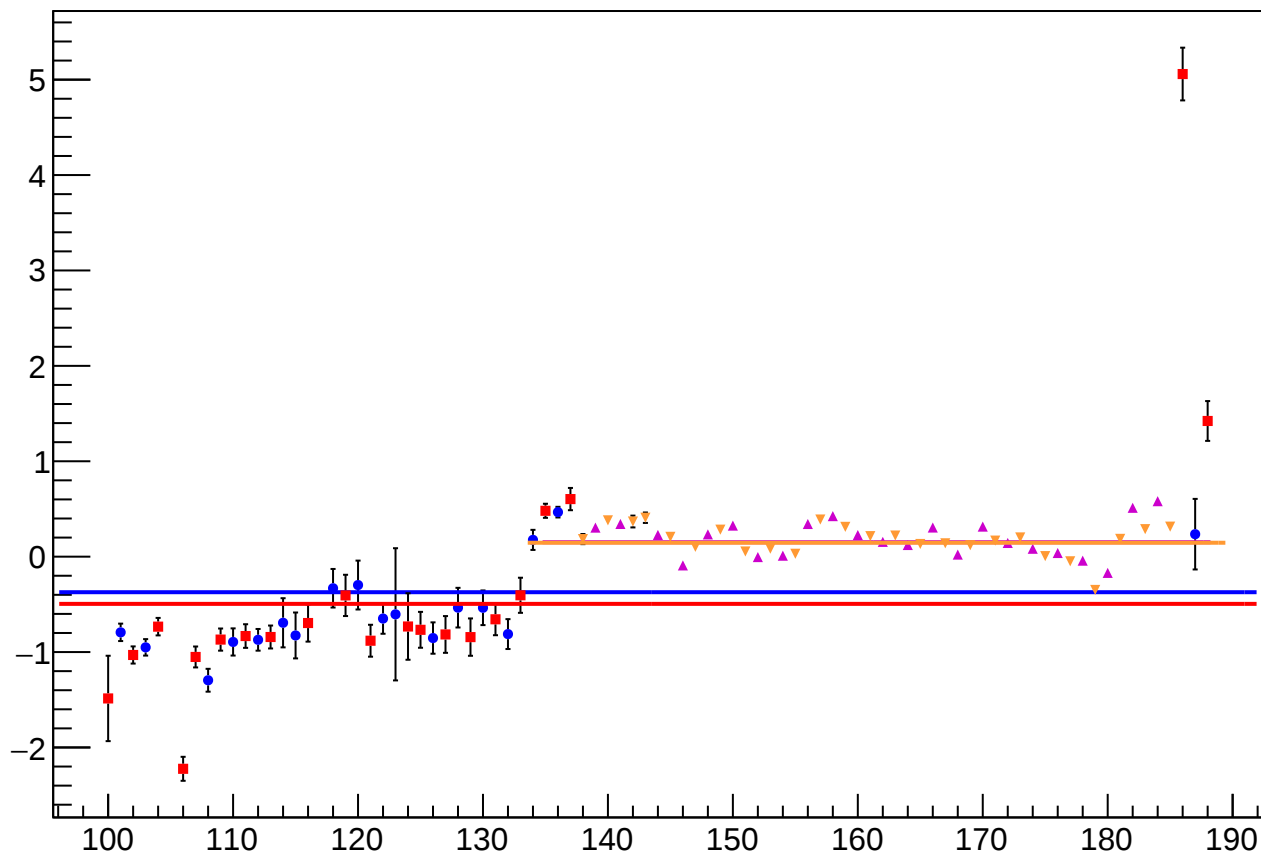
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF: 2176.7/22

+ sign 21.114 $\pm$ 0.135 χ^2 /NDF: 3285.1/42

All: 21.148 $\pm$ 0.095 χ^2 /NDF: 5888.7/86

- sign 21.181 $\pm$ 0.135 χ^2 /NDF: 2603.5/43

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.373 ± 0.030 χ^2/NDF : 439.9/17

Left Out: 0.146 ± 0.006 χ^2/NDF : 609.8/24

Right Out: -0.495 ± 0.030 χ^2/NDF : 1056.2/20

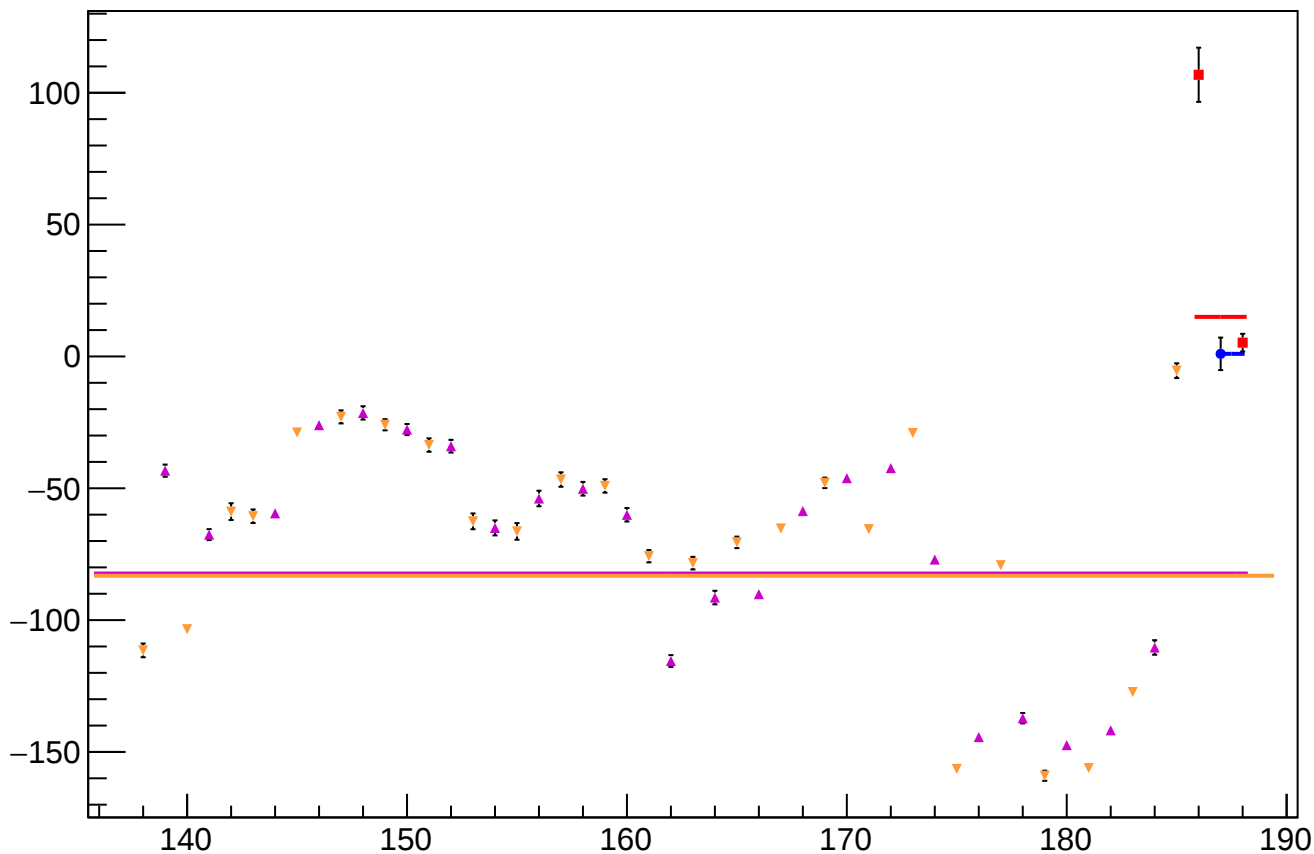
Left In: 0.151 ± 0.006 χ^2/NDF : 873.9/22

+ sign 0.124 ± 0.006 χ^2/NDF : 1336.2/42

All: 0.123 ± 0.004 χ^2/NDF : 3719.3/86

- sign 0.123 ± 0.006 χ^2/NDF : 2383.1/43

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: 0.990 ± 6.163 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -83.163 ± 0.407 $\chi^2/\text{NDF}: 13794.3/24$

Right Out: 15.011 ± 3.192 $\chi^2/\text{NDF}: 88.2/1$

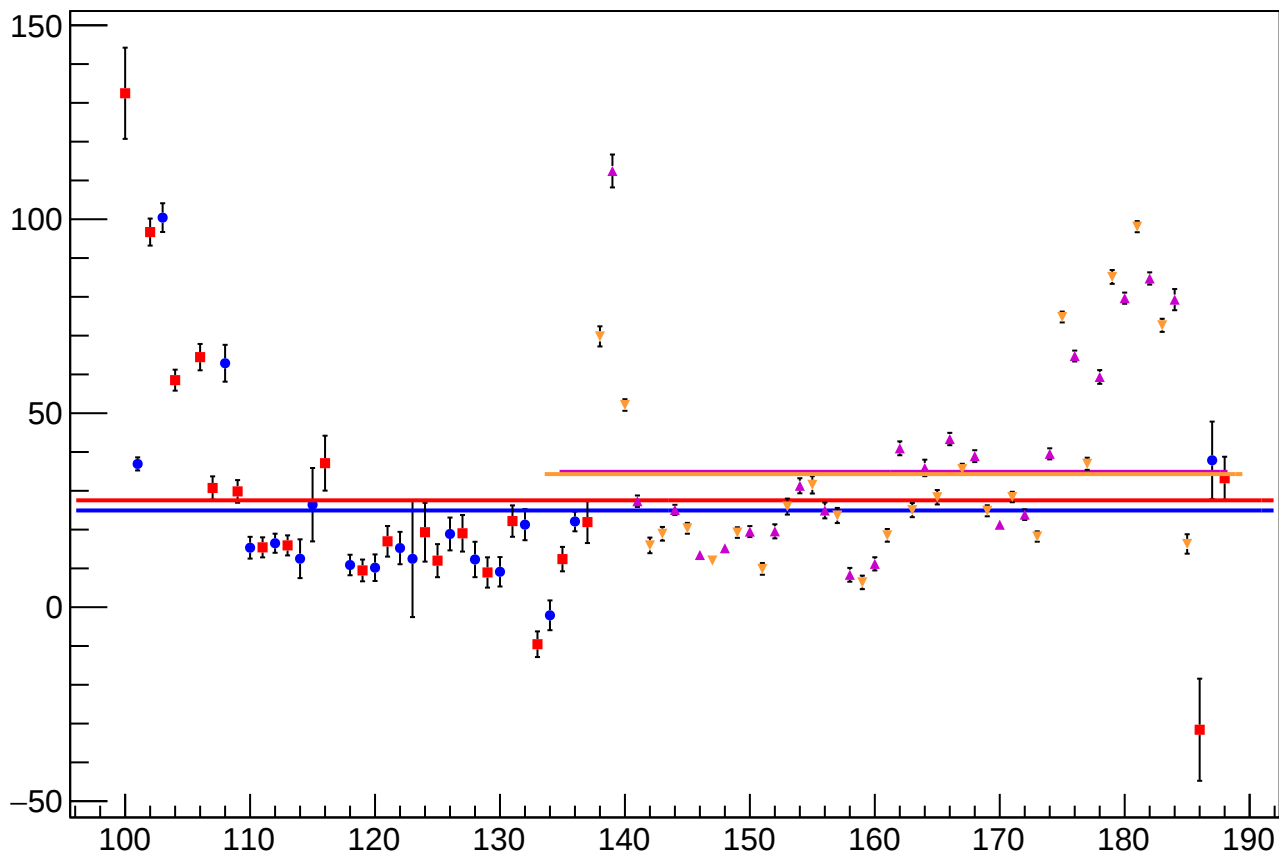
Left In: -82.342 ± 0.413 $\chi^2/\text{NDF}: 10954.9/22$

+ sign -82.797 ± 0.406 $\chi^2/\text{NDF}: 13979.9/25$

All: -81.777 ± 0.288 $\chi^2/\text{NDF}: 25950.7/50$

- sign -80.739 ± 0.410 $\chi^2/\text{NDF}: 11958.1/24$

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.931 ± 0.798 χ^2/NDF : 692.5/17

Left Out: 34.306 ± 0.321 χ^2/NDF : 6163.7/24

Right Out: 27.545 ± 0.800 χ^2/NDF : 1030.4/20

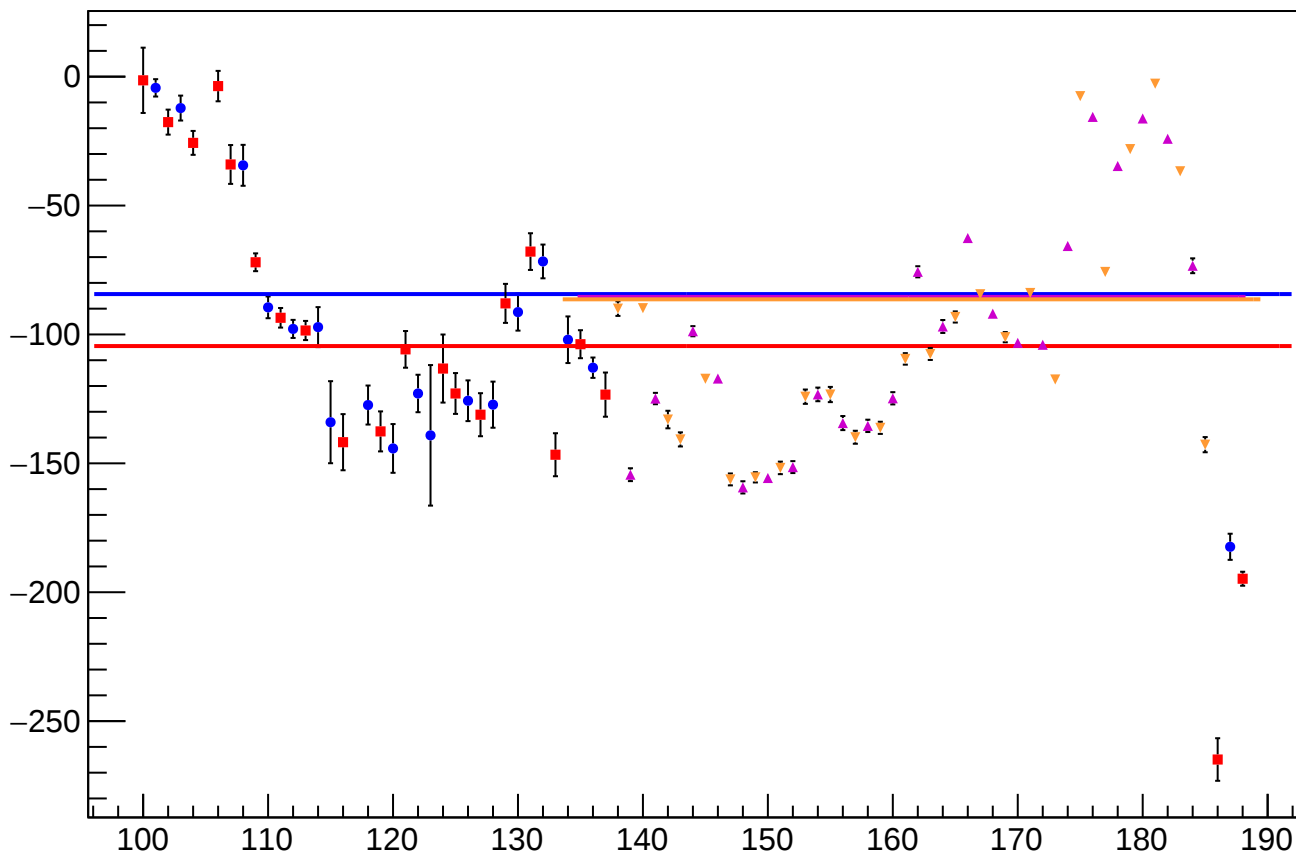
Left In: 34.893 ± 0.328 χ^2/NDF : 4754.6/22

+ sign 33.001 ± 0.298 χ^2/NDF : 6975.0/42

All: 33.410 ± 0.213 χ^2/NDF : 12835.9/86

- sign 33.835 ± 0.304 χ^2/NDF : 5857.1/43

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -84.341 ± 1.360 $\chi^2/\text{NDF}: 1445.3/17$

Left Out: -86.377 ± 0.409 $\chi^2/\text{NDF}: 14435.1/24$

Right Out: -104.507 ± 1.197 $\chi^2/\text{NDF}: 2747.1/20$

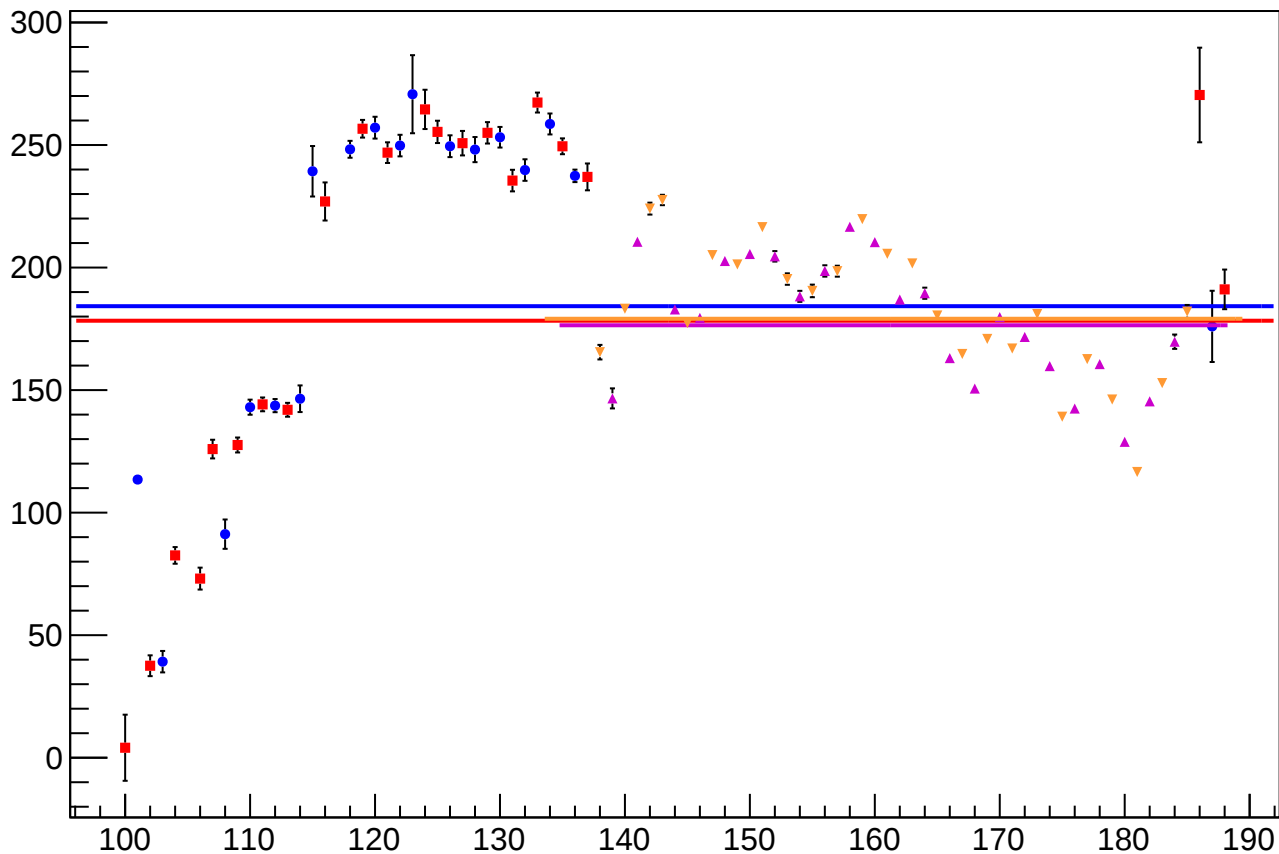
Left In: -85.441 ± 0.413 $\chi^2/\text{NDF}: 12998.9/22$

+ sign -86.208 ± 0.392 $\chi^2/\text{NDF}: 15882.5/42$

All: -86.840 ± 0.277 $\chi^2/\text{NDF}: 31860.2/86$

- sign -87.469 ± 0.391 $\chi^2/\text{NDF}: 15972.6/43$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.239 ± 0.912 $\chi^2/\text{NDF}: 5401.3/17$

Left Out: 179.109 ± 0.363 $\chi^2/\text{NDF}: 5877.5/24$

Right Out: 178.308 ± 0.917 $\chi^2/\text{NDF}: 6356.4/20$

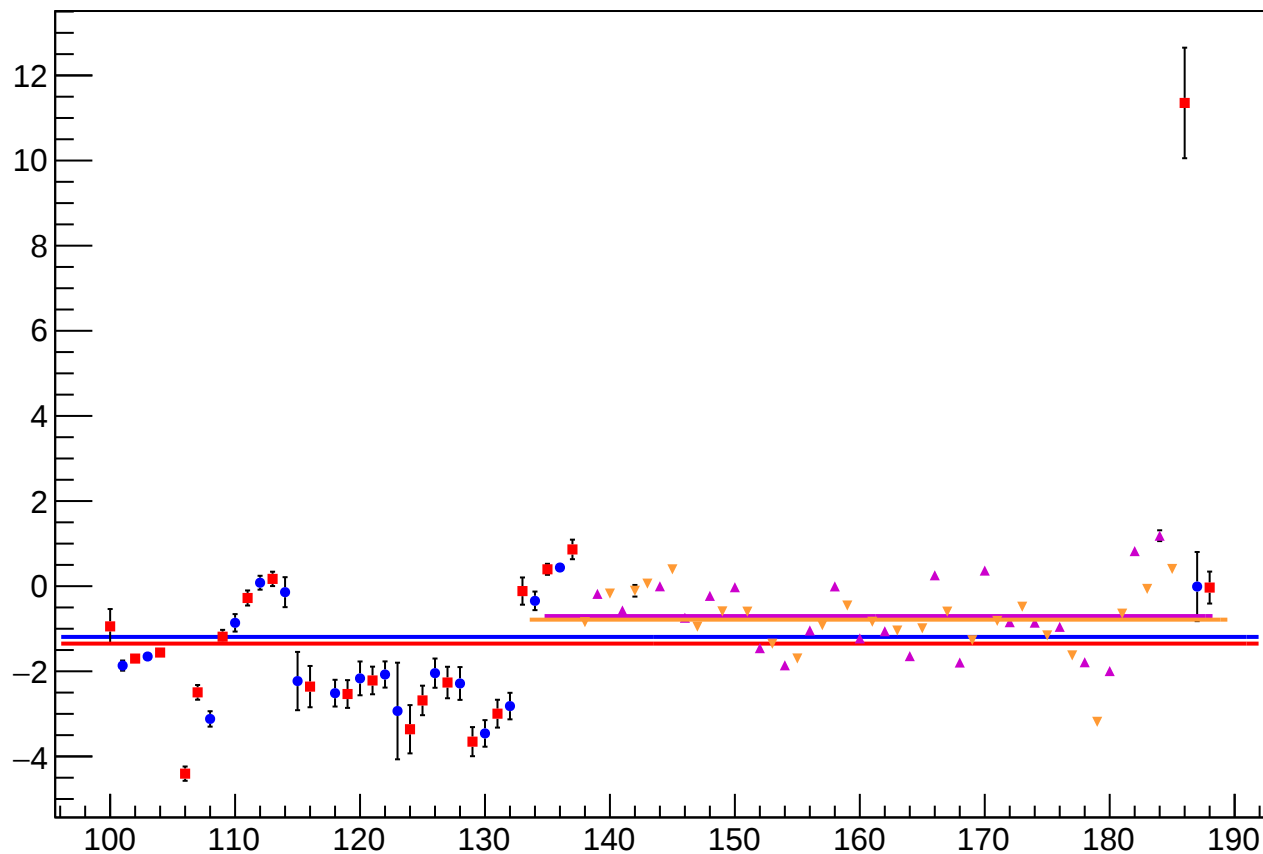
Left In: 176.449 ± 0.370 $\chi^2/\text{NDF}: 4442.1/22$

+ sign 179.809 ± 0.337 $\chi^2/\text{NDF}: 11306.1/42$

All: 178.286 ± 0.240 $\chi^2/\text{NDF}: 22149.7/86$

- sign 176.709 ± 0.343 $\chi^2/\text{NDF}: 10802.0/43$

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: -1.349 ± 0.045 χ^2/NDF : 1033.0/20

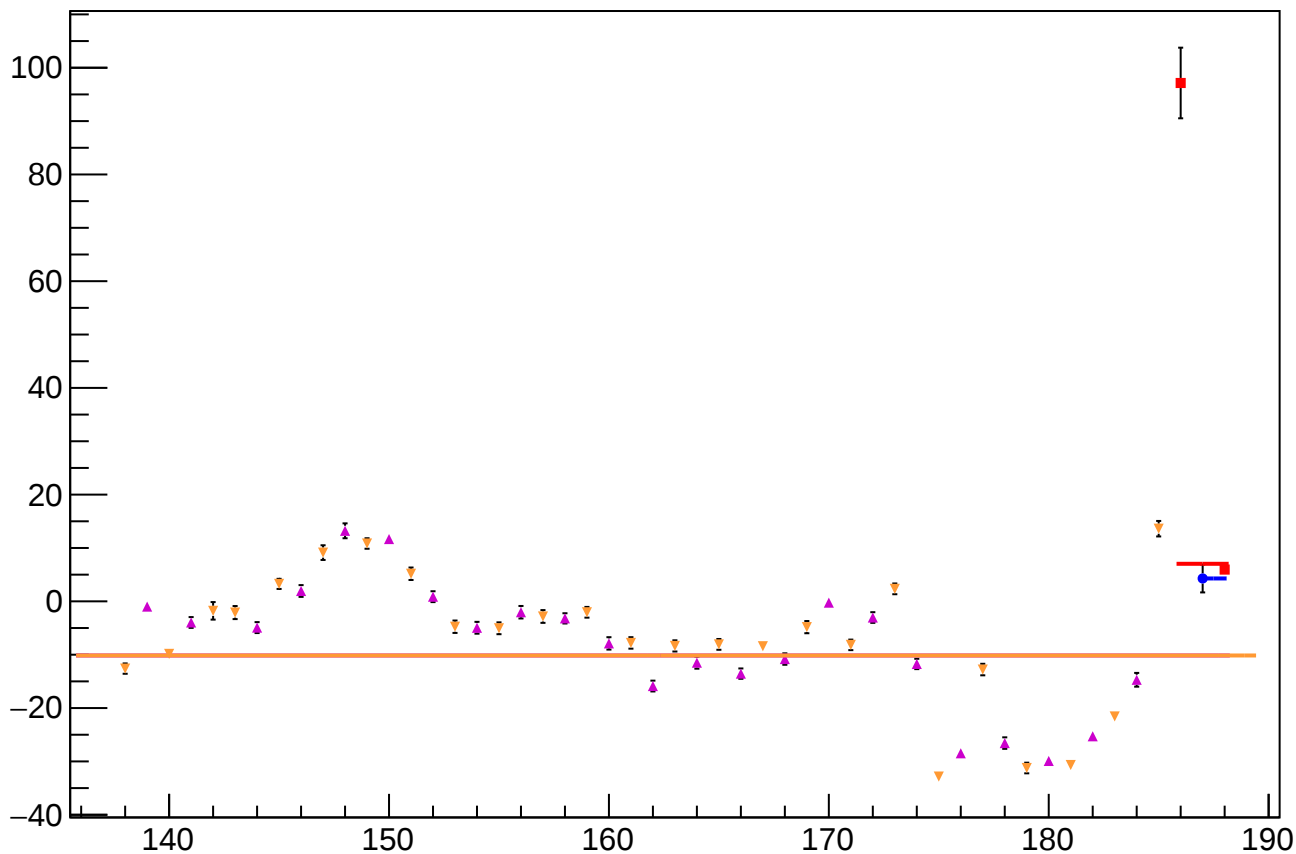
Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

+ sign -0.830 ± 0.016 χ^2/NDF : 2449.6/42

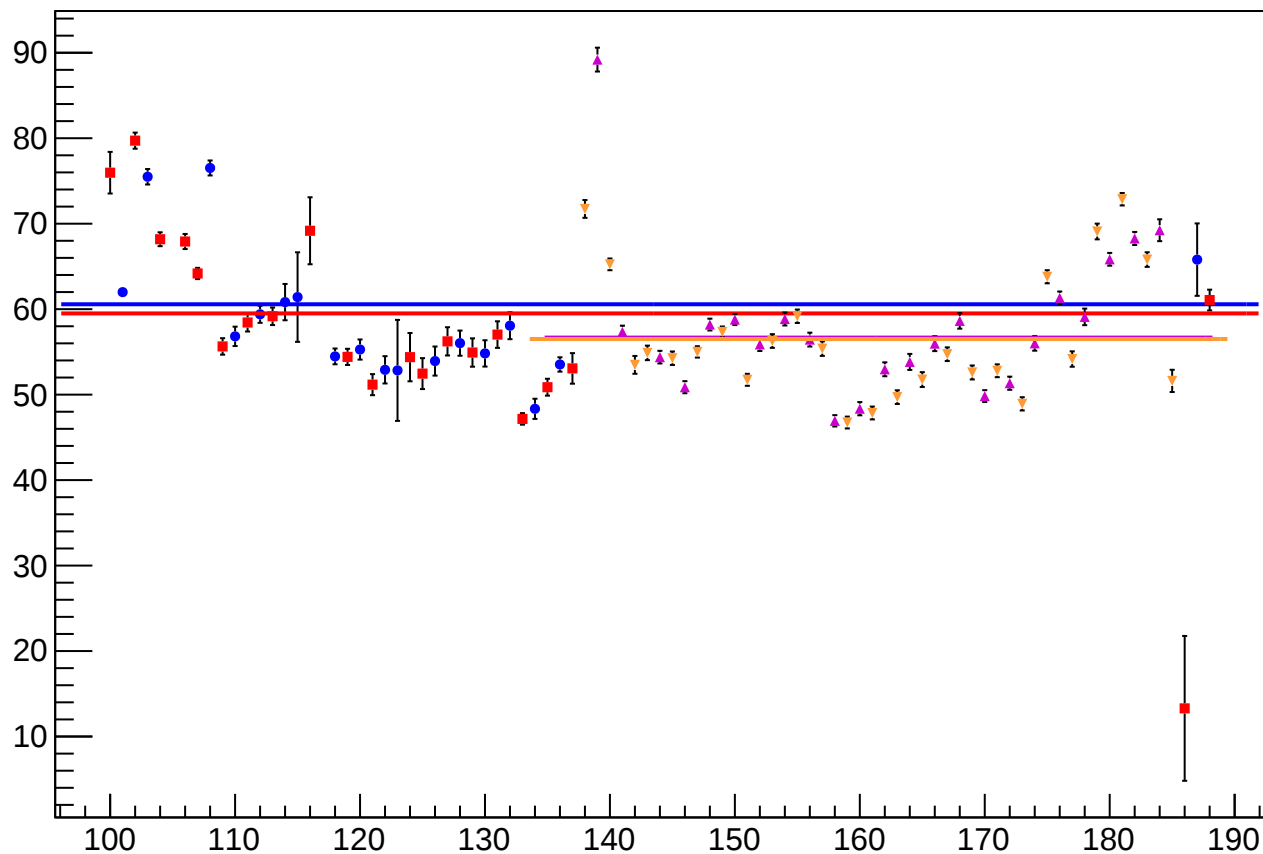
All: -0.805 ± 0.011 χ^2/NDF : 6087.6/86

- sign -0.780 ± 0.016 χ^2/NDF : 3632.9/43

reg_asym_sam5_diff_bpm1X_slope vs Slug



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: 59.503 $\pm$ 0.243 χ^2 /NDF: 1348.4/20

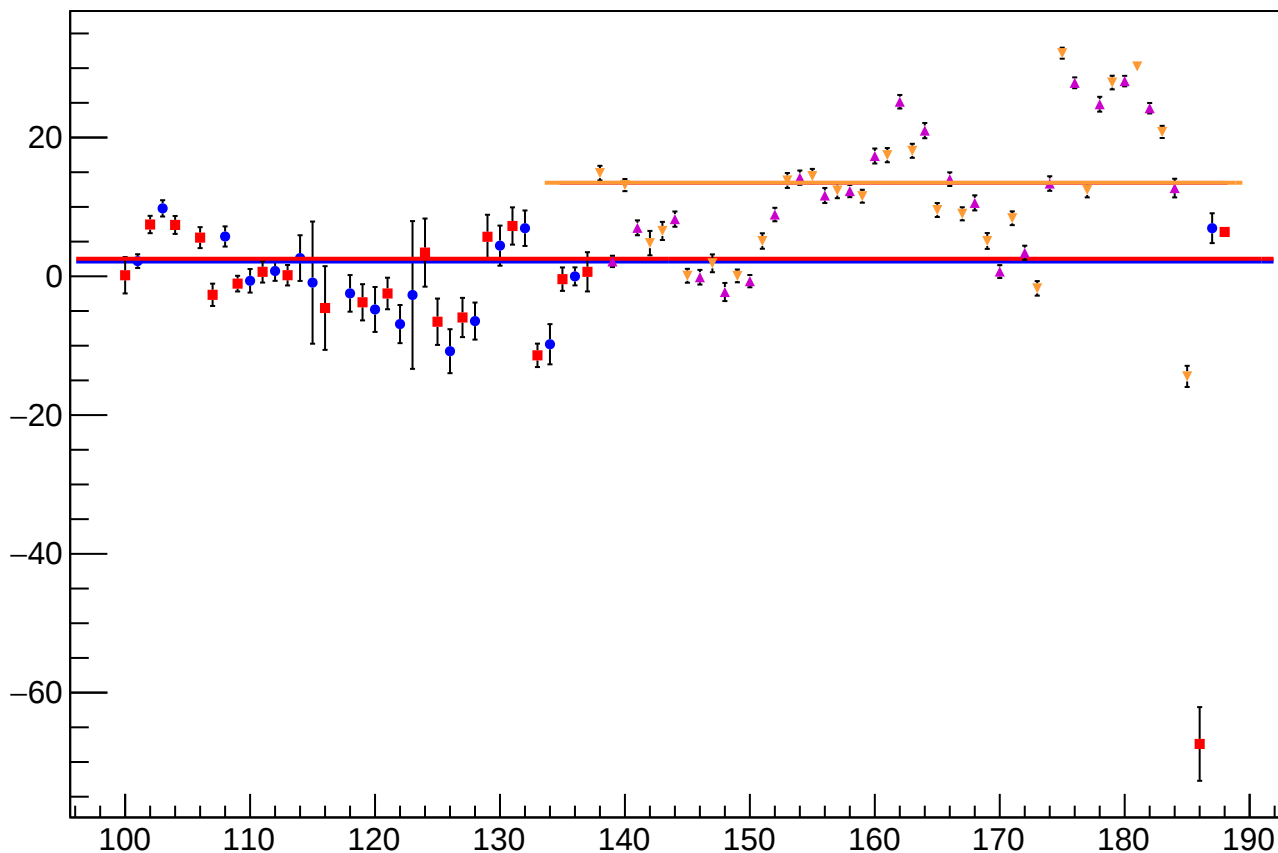
Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

+ sign 57.611 $\pm$ 0.136 χ^2 /NDF: 3071.4/42

All: 57.588 $\pm$ 0.096 χ^2 /NDF: 6192.6/86

- sign 57.565 $\pm$ 0.136 χ^2 /NDF: 3121.1/43

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 2.132 ± 0.448 χ^2/NDF : 126.8/17

Left Out: 13.485 ± 0.202 χ^2/NDF : 2731.0/24

Right Out: 2.531 ± 0.343 χ^2/NDF : 379.9/20

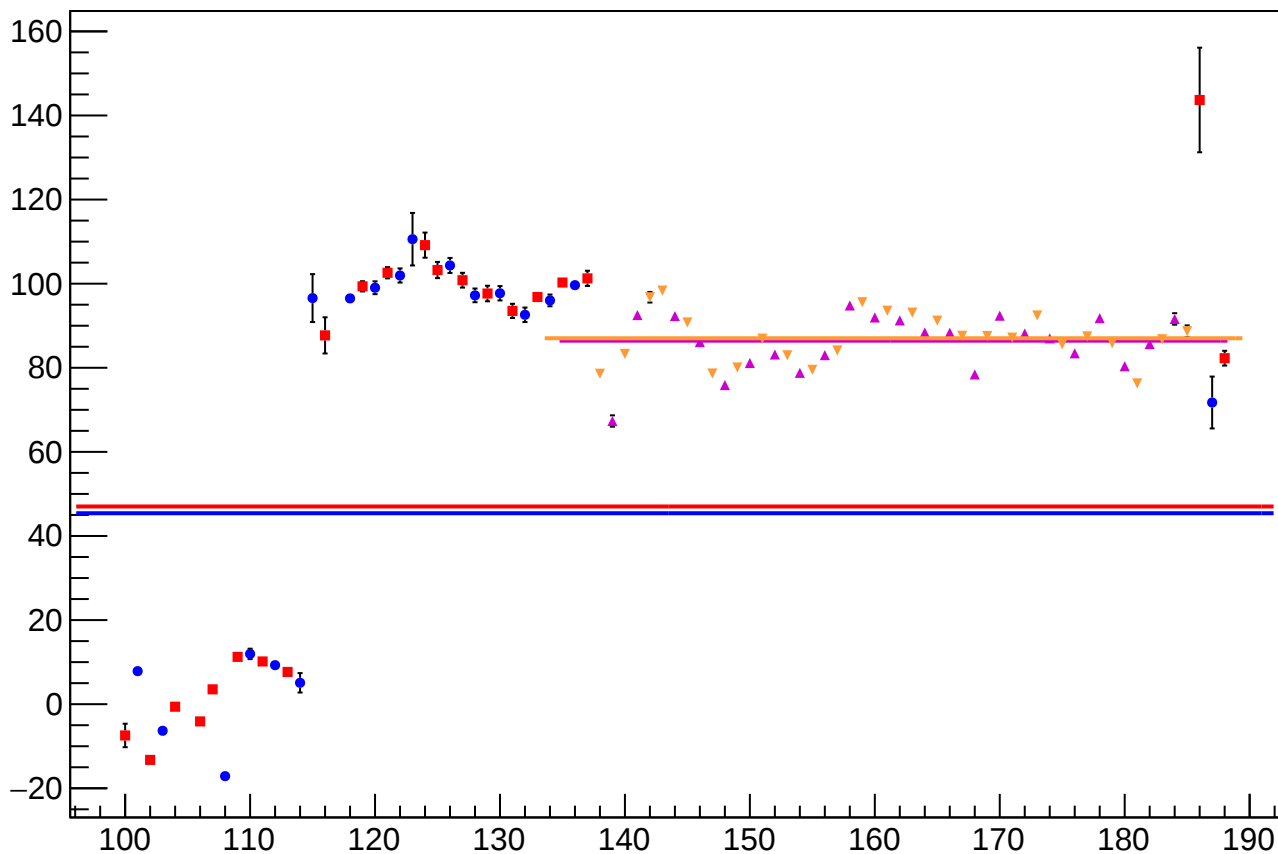
Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

+ sign 11.567 ± 0.184 χ^2/NDF : 3392.2/42

All: 11.070 ± 0.127 χ^2/NDF : 6908.8/86

- sign 10.622 ± 0.175 χ^2/NDF : 3502.7/43

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: 47.015 $\pm$ 0.286 χ^2 /NDF: 28694.6/20

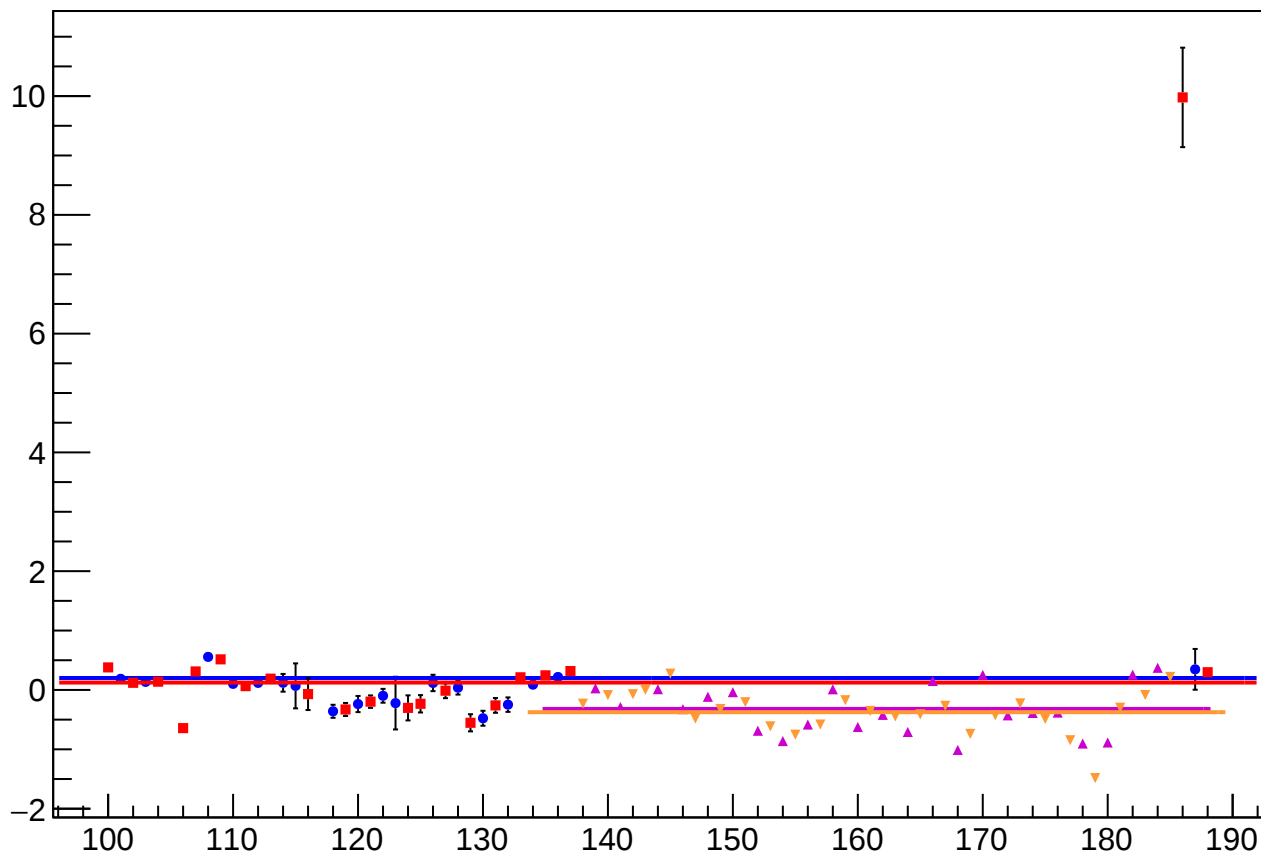
Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

+ sign 76.207 $\pm$ 0.154 χ^2 /NDF: 40119.2/42

All: 75.543 $\pm$ 0.109 χ^2 /NDF: 83361.9/86

- sign 74.876 $\pm$ 0.155 χ^2 /NDF: 43205.6/43

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: 0.124 ± 0.013 χ^2/NDF : 643.6/20

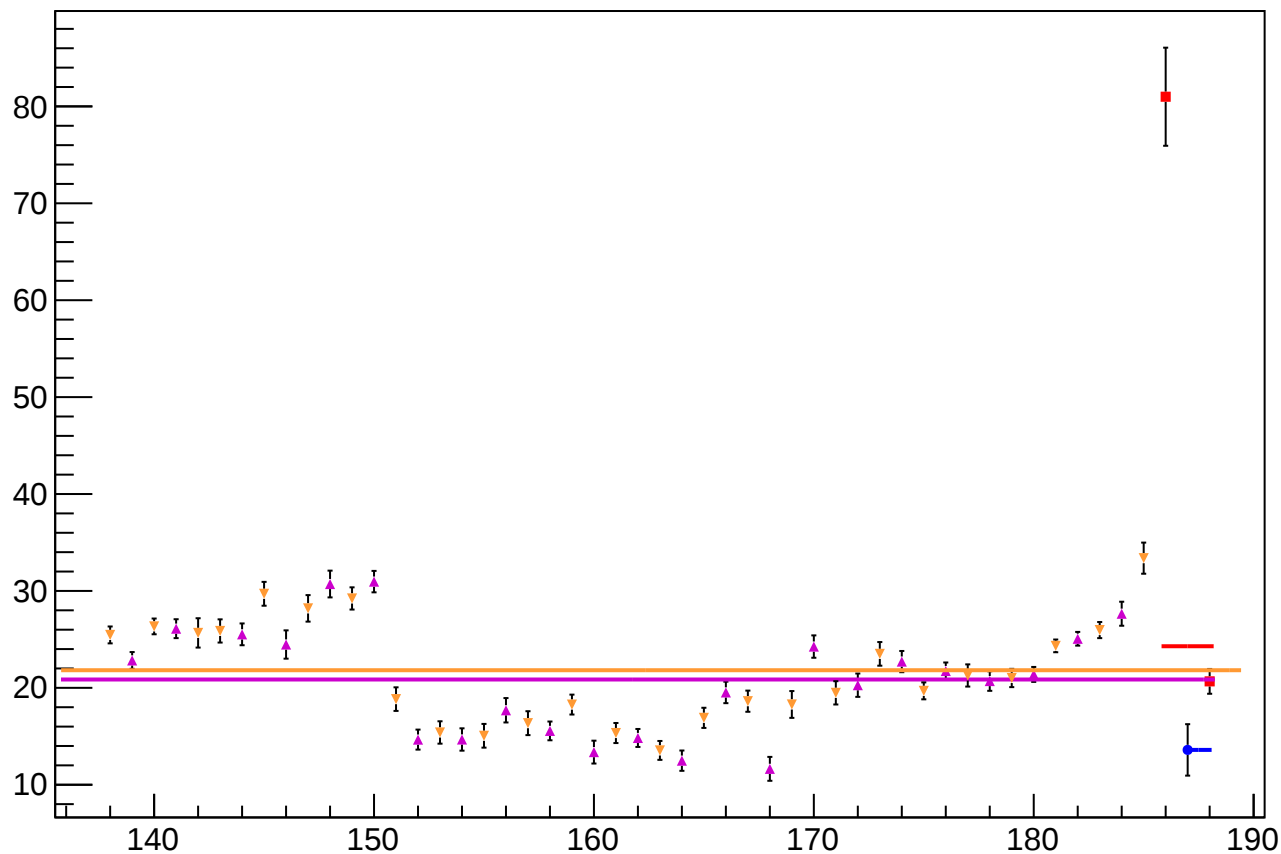
Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

+ sign -0.230 ± 0.007 χ^2/NDF : 3138.3/42

All: -0.211 ± 0.005 χ^2/NDF : 6974.1/86

- sign -0.193 ± 0.007 χ^2/NDF : 3821.5/43

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: 24.292 $\pm$ 1.241 χ^2 /NDF: 133.5/1

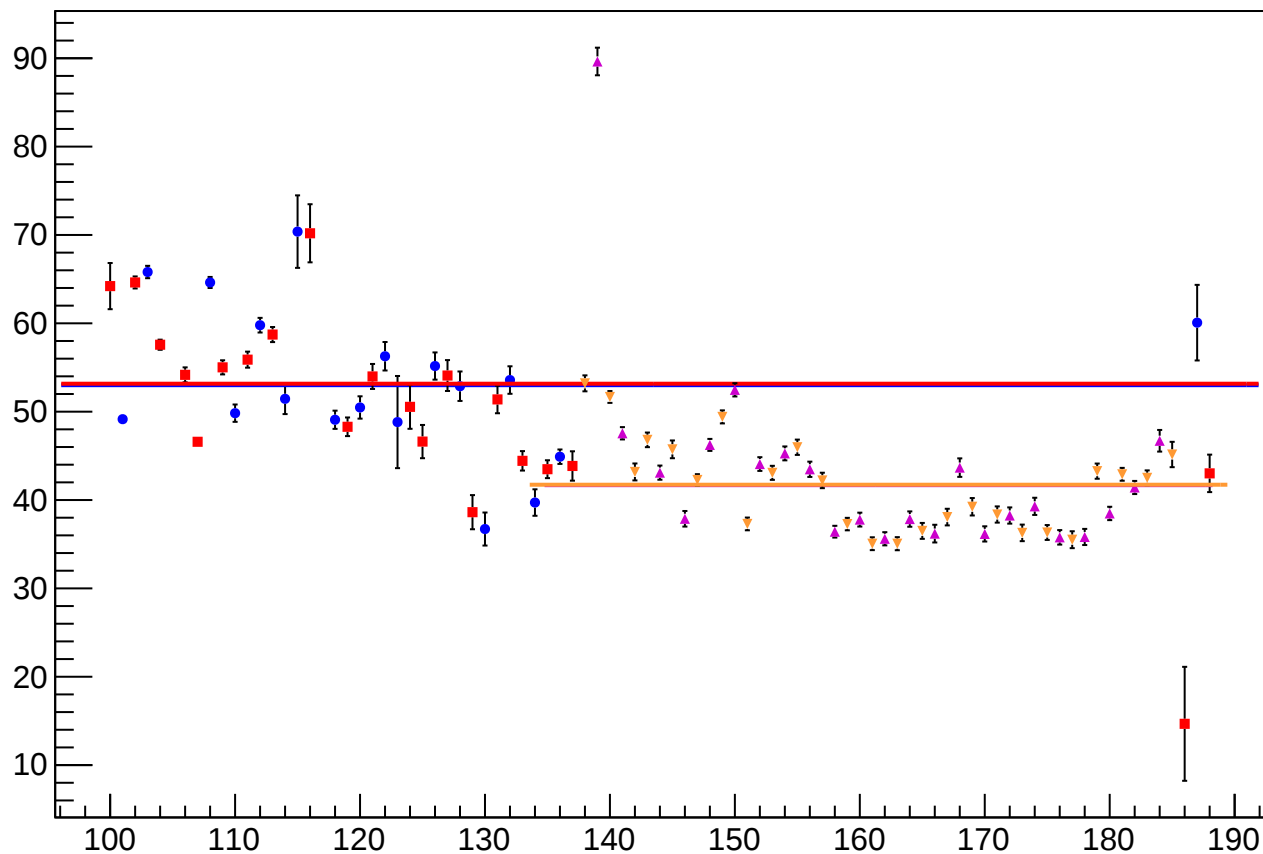
Left In: 20.860 $\pm$ 0.216 χ^2 /NDF:575.5/22

+ sign 21.767 $\pm$ 0.210 χ^2 /NDF: 532.2/25

All: 21.369 $\pm$ 0.149 χ^2 /NDF: 1256.0/50

- sign 20.961 $\pm$ 0.212 χ^2 /NDF: 716.5/24

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: 53.164 $\pm$ 0.225 χ^2 /NDF: 931.8/20

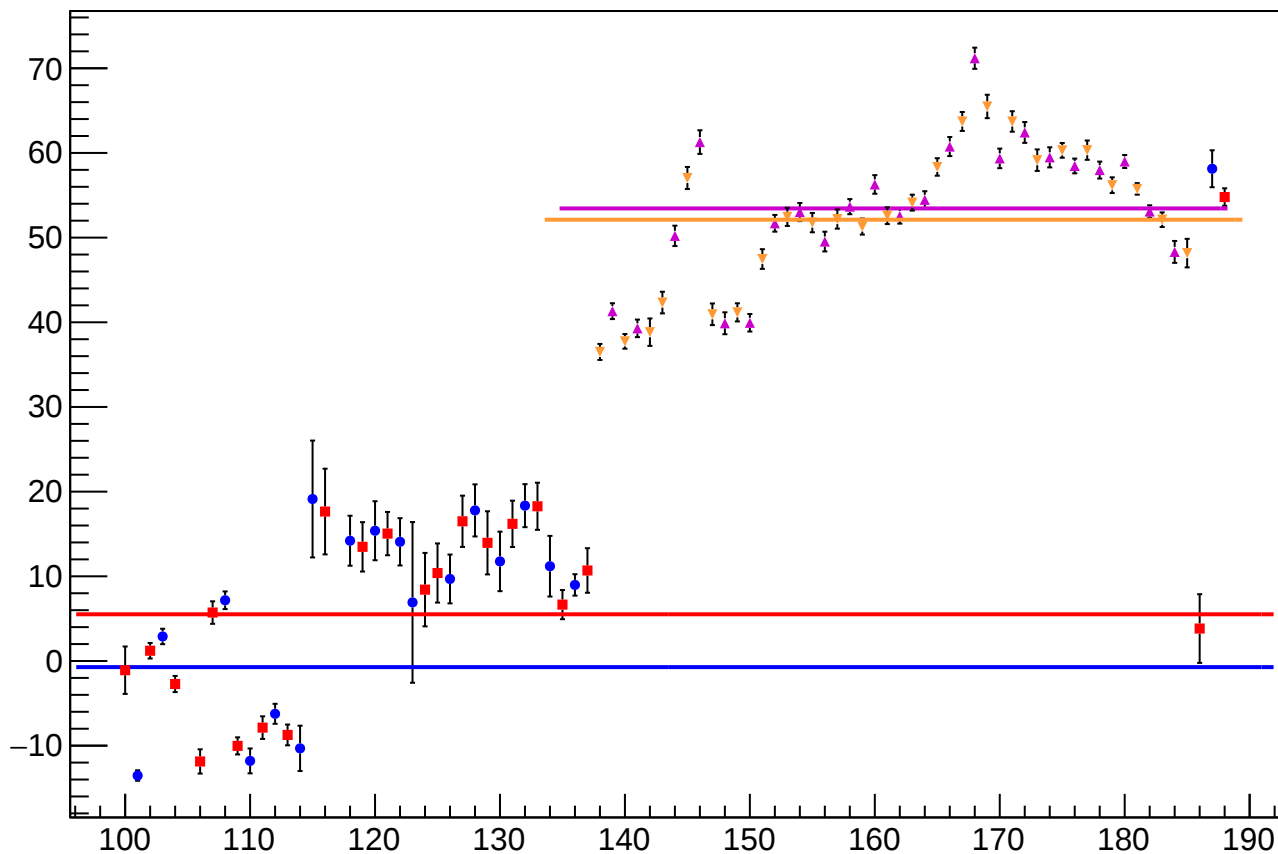
Left In: 41.682 $\pm$ 0.173 χ^2 /NDF: 1715.9/22

+ sign 46.063 $\pm$ 0.130 χ^2 /NDF: 3987.8/42

All: 46.012 $\pm$ 0.094 χ^2 /NDF: 8267.0/86

- sign 45.955 $\pm$ 0.137 χ^2 /NDF: 4278.9/43

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: 5.515 ± 0.353 χ^2/NDF : 3086.9/20

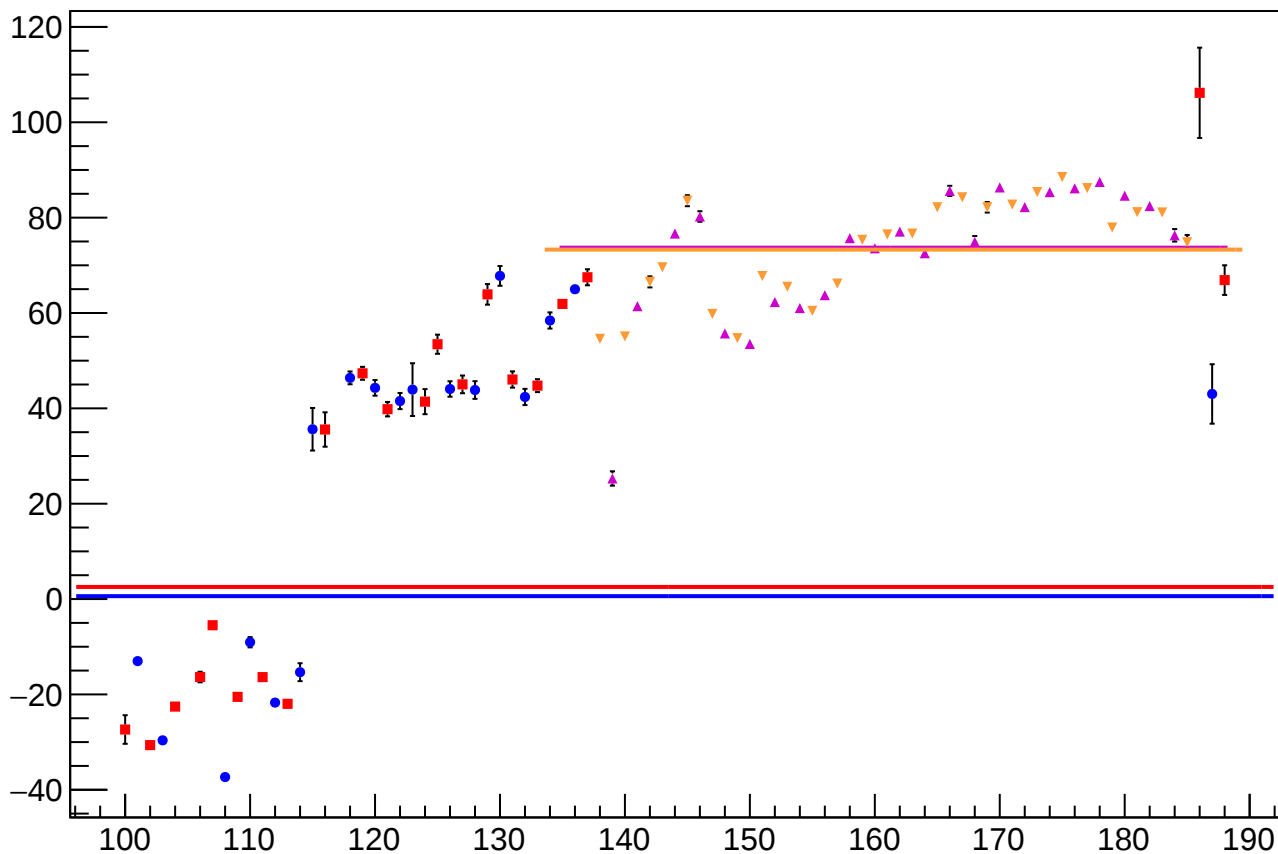
Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

+ sign 38.595 ± 0.182 χ^2/NDF : 19167.3/42

All: 39.545 ± 0.129 χ^2/NDF : 36960.7/86

- sign 40.513 ± 0.183 χ^2/NDF : 17738.2/43

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.608 ± 0.247 χ^2/NDF : 18470.2/17

Left Out: 73.294 ± 0.187 χ^2/NDF : 3148.2/24

Right Out: 2.544 ± 0.265 χ^2/NDF : 16029.0/20

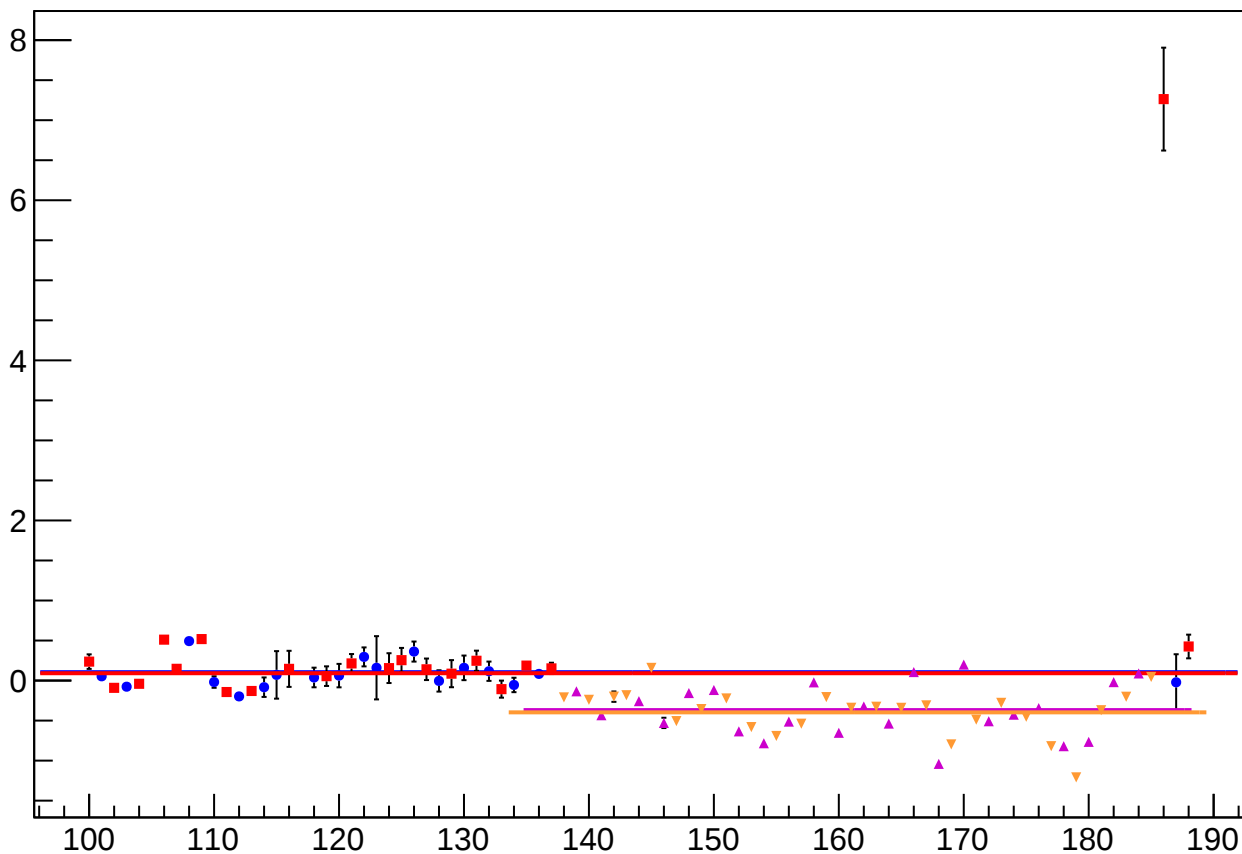
Left In: 73.699 ± 0.194 χ^2/NDF : 3901.1/22

+ sign 46.682 ± 0.149 χ^2/NDF : 76729.5/42

All: 47.761 ± 0.108 χ^2/NDF : 143631.2/86

- sign 48.948 ± 0.157 χ^2/NDF : 66791.9/43

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: 0.092 ± 0.011 $\chi^2/\text{NDF}: 520.8/20$

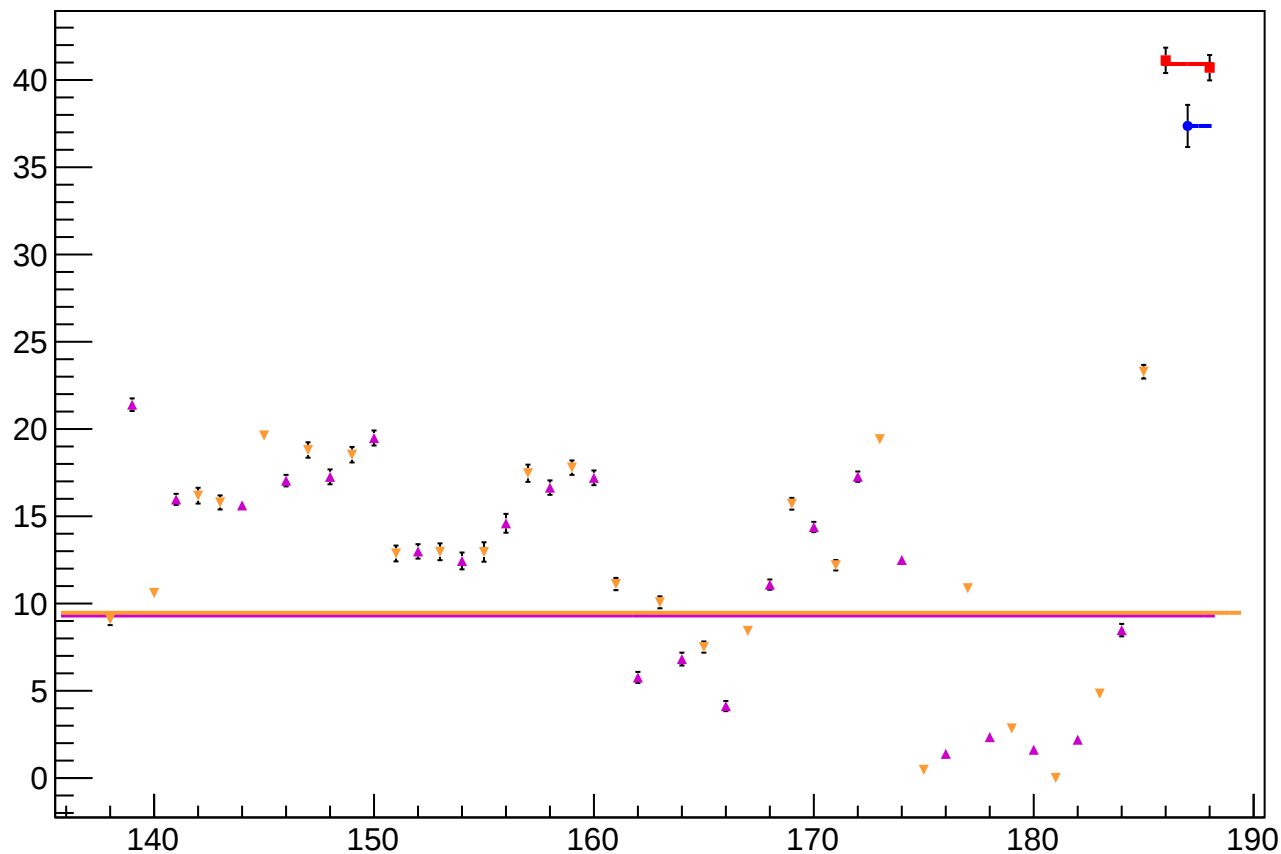
Left In: -0.369 ± 0.009 $\chi^2/\text{NDF}: 1322.7/22$

+ sign -0.208 ± 0.007 $\chi^2/\text{NDF}: 2636.2/42$

All: -0.200 ± 0.005 $\chi^2/\text{NDF}: 5568.8/86$

- sign -0.192 ± 0.007 $\chi^2/\text{NDF}: 2929.7/43$

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 37.366 $\pm$ 1.208 χ^2 /NDF: 0.0/0

Left Out: 9.470 $\pm$ 0.061 χ^2 /NDF:12578.0/24

Right Out: 40.916 $\pm$ 0.514 χ^2 /NDF: 0.2/1

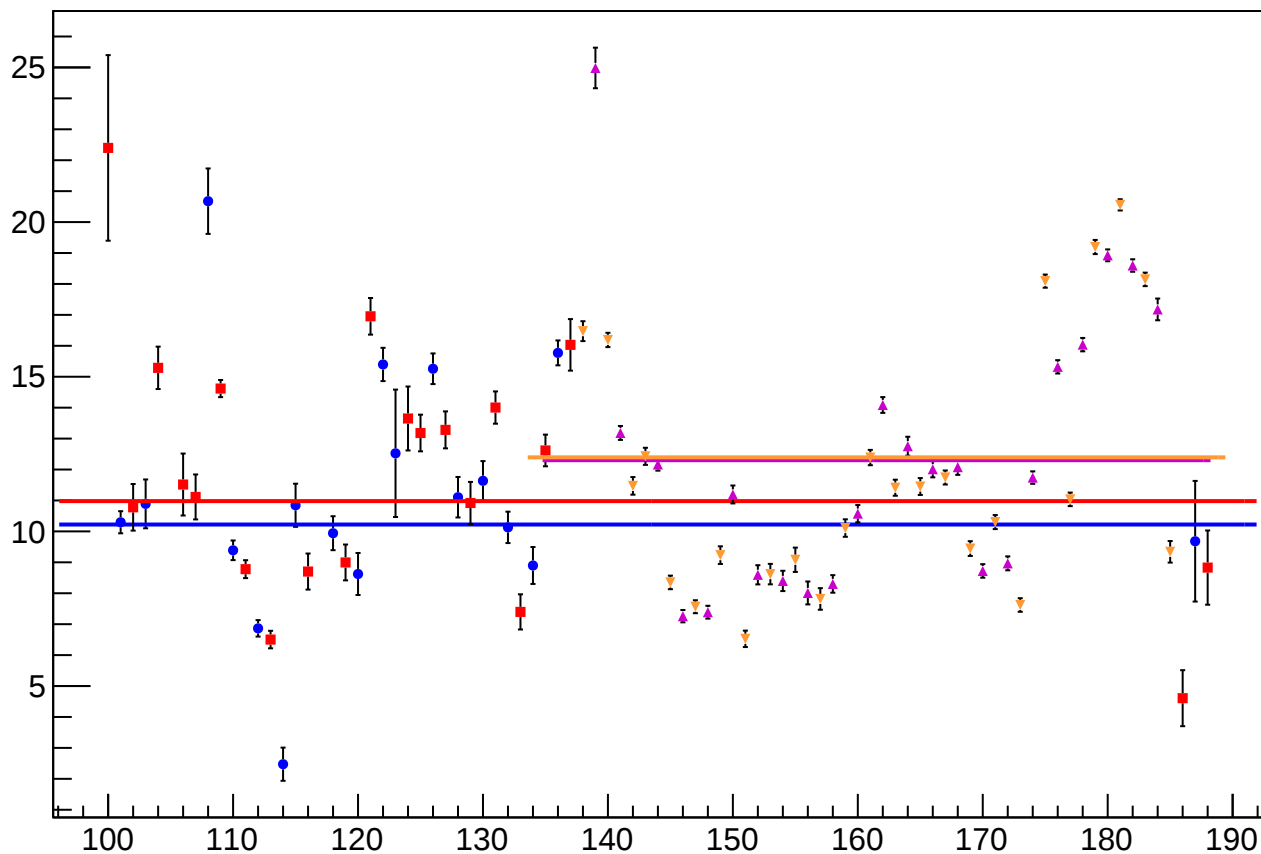
Left In: 9.315 $\pm$ 0.063 χ^2 /NDF:11007.3/22

+ sign 9.541 $\pm$ 0.061 χ^2 /NDF: 13109.9/25

All: 9.658 $\pm$ 0.044 χ^2 /NDF: 27845.1/50

- sign 9.778 $\pm$ 0.062 χ^2 /NDF: 14727.9/24

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.222 ± 0.119 $\chi^2/\text{NDF}: 877.7/17$

Left Out: 12.393 ± 0.050 $\chi^2/\text{NDF}: 7525.9/24$

Right Out: 10.979 ± 0.115 $\chi^2/\text{NDF}: 871.1/20$

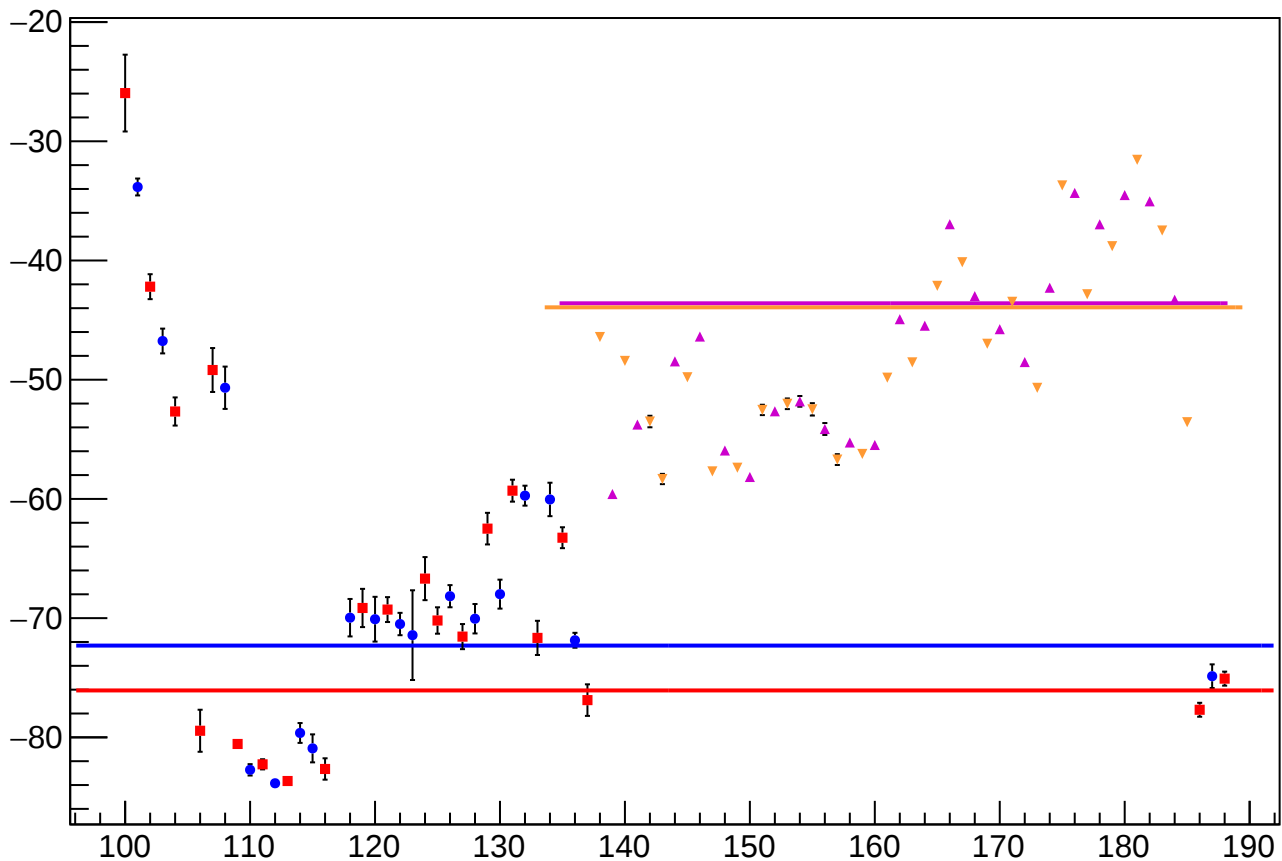
Left In: 12.302 ± 0.051 $\chi^2/\text{NDF}: 5661.3/22$

+ sign 12.068 ± 0.046 $\chi^2/\text{NDF}: 8688.0/42$

All: 12.076 ± 0.033 $\chi^2/\text{NDF}: 15331.2/86$

- sign 12.084 ± 0.047 $\chi^2/\text{NDF}: 6643.1/43$

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: -76.065 ± 0.166 $\chi^2/\text{NDF}: 3476.1/20$

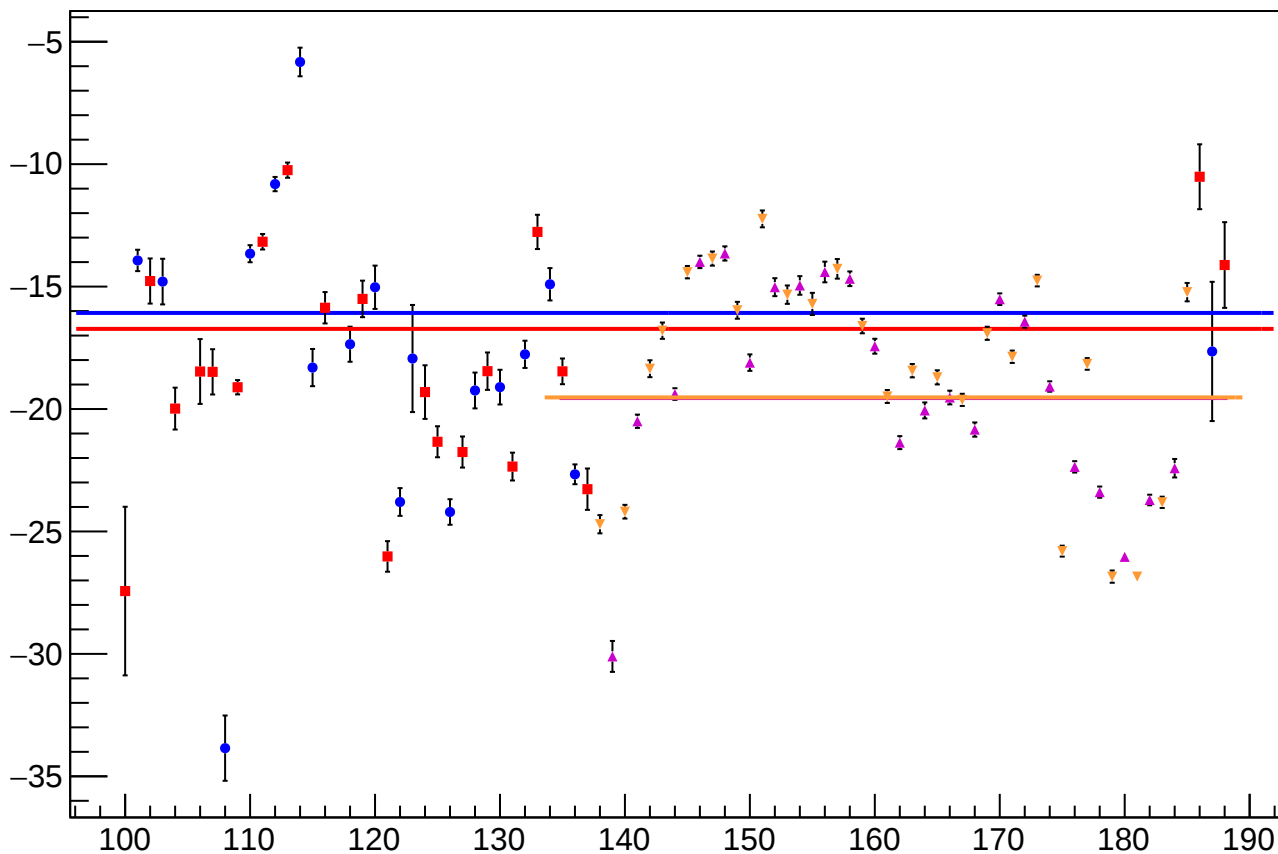
Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

+ sign -46.564 ± 0.059 $\chi^2/\text{NDF}: 42576.5/42$

All: -47.131 ± 0.042 $\chi^2/\text{NDF}: 95316.6/86$

- sign -47.696 ± 0.059 $\chi^2/\text{NDF}: 52556.2/43$

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: -16.727 ± 0.127 χ^2/NDF : 1240.3/20

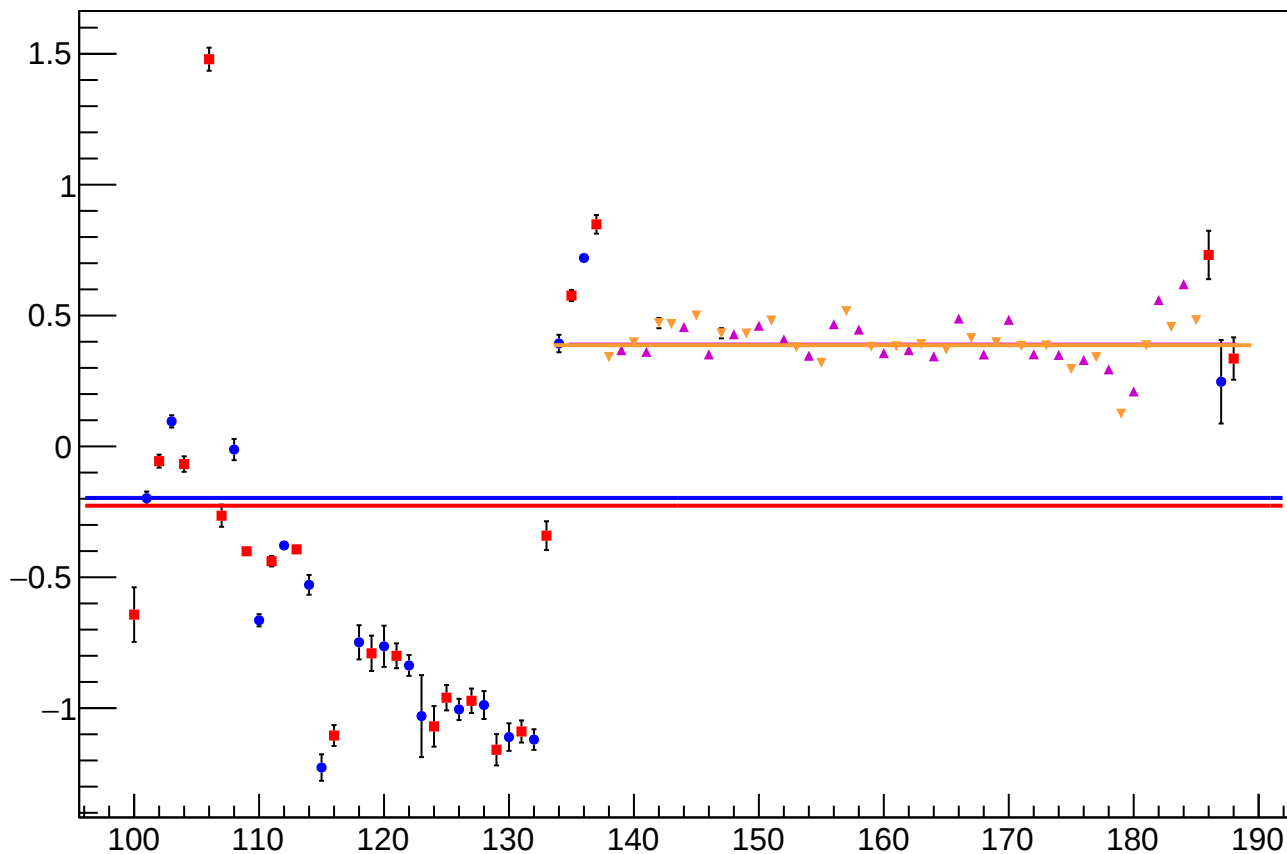
Left In: -19.552 ± 0.057 χ^2/NDF : 4359.1/22

+ sign -19.001 ± 0.051 χ^2/NDF : 8713.9/42

All: -19.039 ± 0.037 χ^2/NDF : 14724.7/86

- sign -19.078 ± 0.052 χ^2/NDF : 6009.7/43

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: -0.227 ± 0.007 χ^2/NDF : 6379.6/20

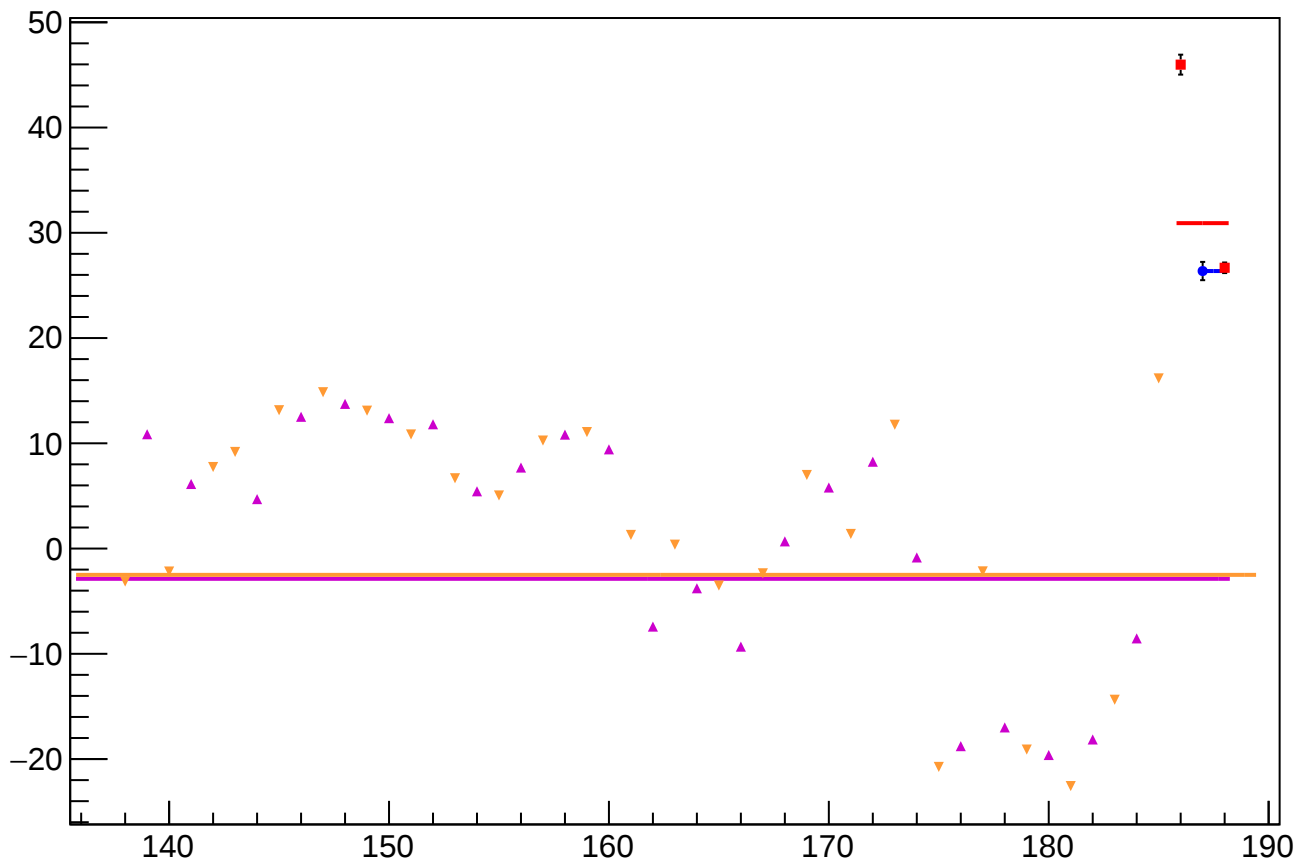
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ sign 0.326 ± 0.002 χ^2/NDF : 12723.1/42

All: 0.321 ± 0.002 χ^2/NDF : 26957.3/86

- sign 0.316 ± 0.002 χ^2/NDF : 14226.1/43

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: 30.917 $\pm$ 0.444 χ^2 /NDF: 323.8/1

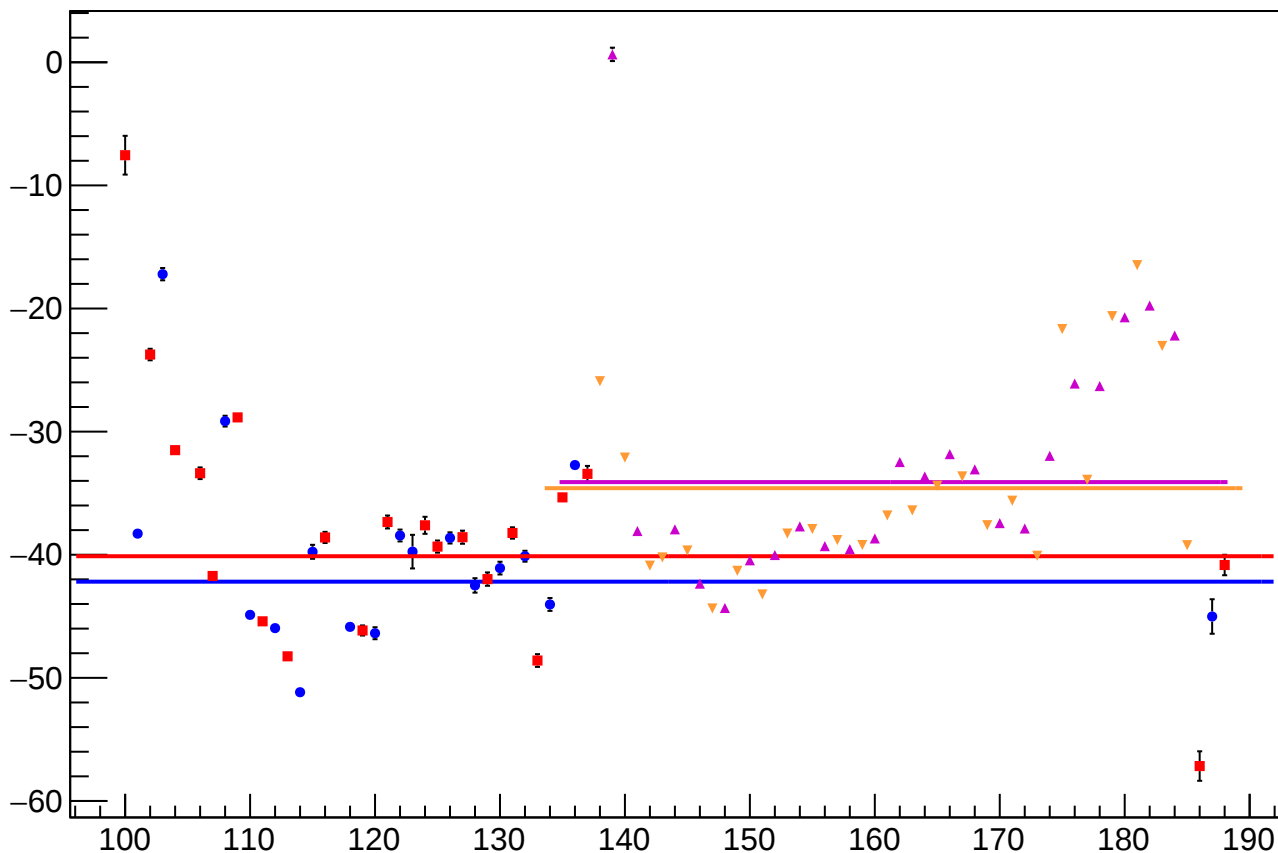
Left In: -2.876 $\pm$ 0.055 χ^2 /NDF: 46380.9/22

+ sign -2.392 $\pm$ 0.053 χ^2 /NDF: 57032.8/25

All: -2.382 $\pm$ 0.038 χ^2 /NDF: 109440.8/50

- sign -2.372 $\pm$ 0.054 χ^2 /NDF: 52407.9/24

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.187 ± 0.078 χ^2/NDF : 6577.8/17

Left Out: -34.594 ± 0.042 χ^2/NDF : 34404.6/24

Right Out: -40.121 ± 0.072 χ^2/NDF : 11517.6/20

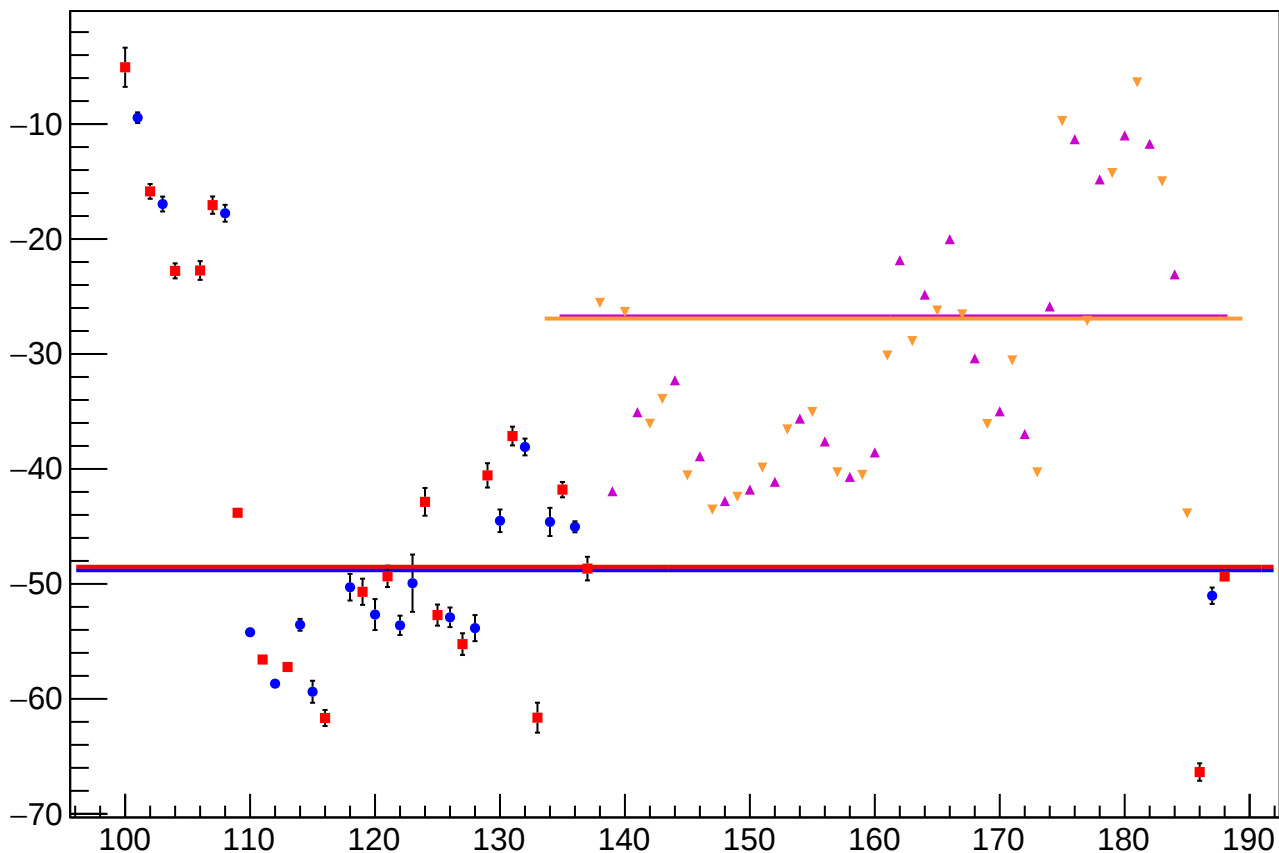
Left In: -34.099 ± 0.044 χ^2/NDF : 29370.6/22

+ sign -36.310 ± 0.037 χ^2/NDF : 48384.9/42

All: -36.018 ± 0.026 χ^2/NDF : 94463.7/86

- sign -35.716 ± 0.037 χ^2/NDF : 45951.2/43

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: -48.506 ± 0.103 $\chi^2/\text{NDF}: 12304.2/20$

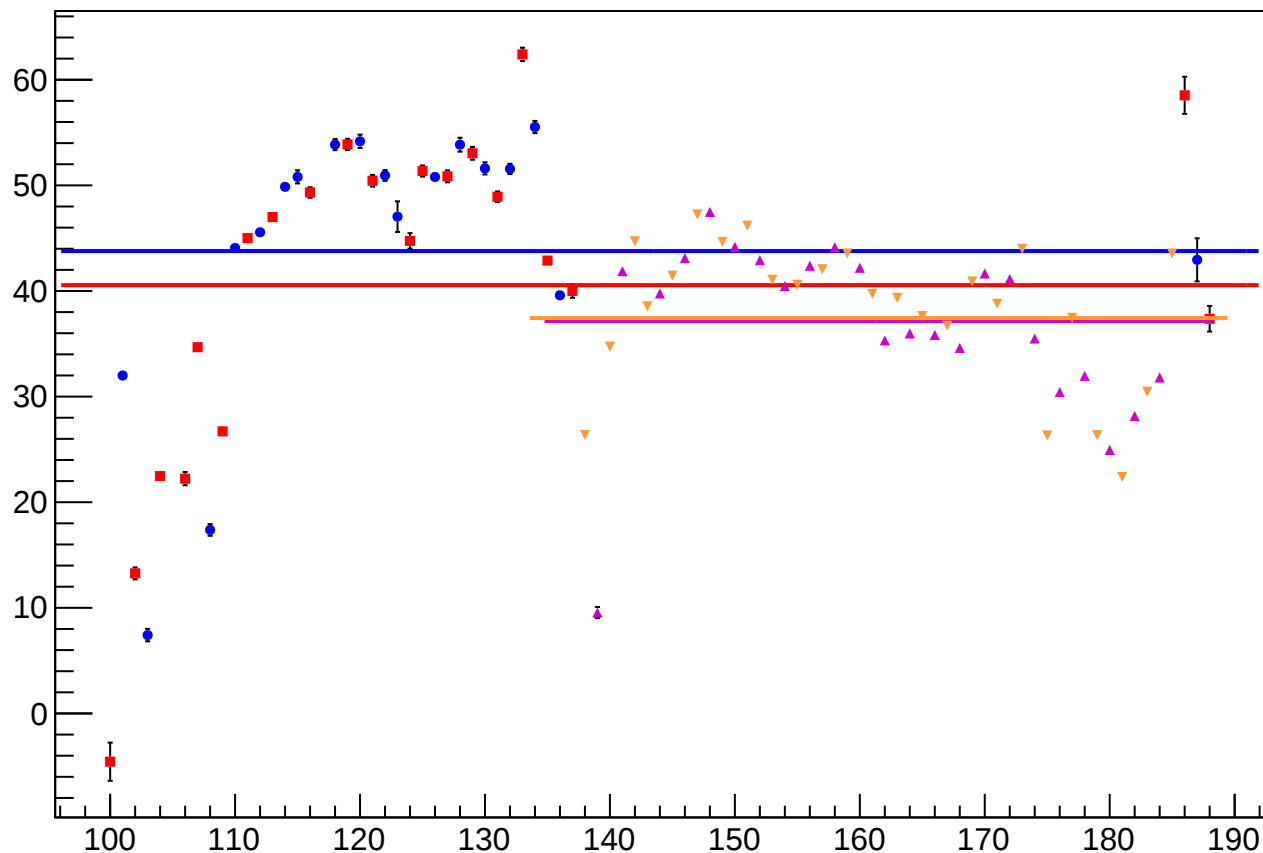
Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

+ sign -30.404 ± 0.049 $\chi^2/\text{NDF}: 90683.8/42$

All: -30.983 ± 0.034 $\chi^2/\text{NDF}: 180907.6/86$

- sign -31.547 ± 0.048 $\chi^2/\text{NDF}: 89947.5/43$

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: 40.554 $\pm$ 0.080 χ^2 /NDF: 17692.1/20

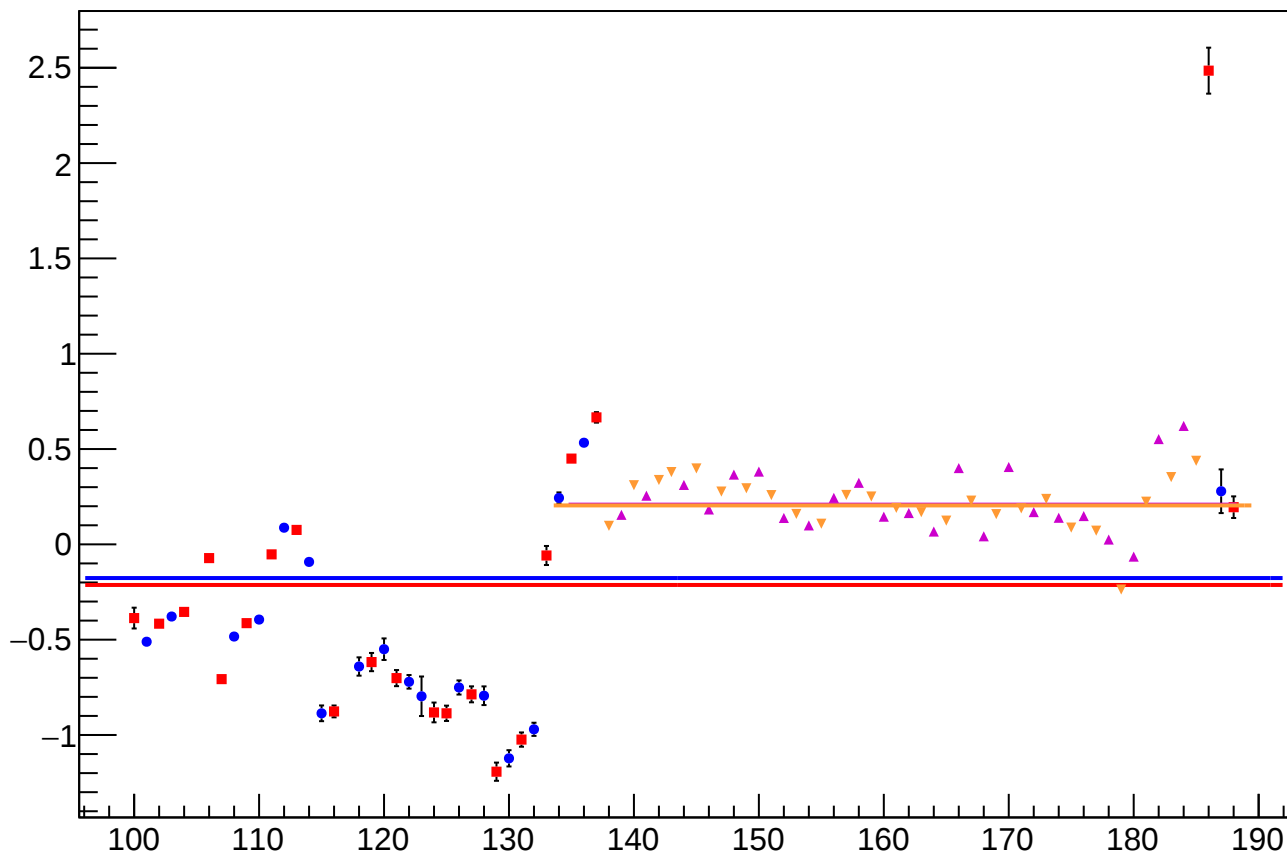
Left In: 37.164 $\pm$ 0.049 χ^2 /NDF:17427.3/22

+ sign 38.896 $\pm$ 0.042 χ^2 /NDF: 36294.4/42

All: 38.498 $\pm$ 0.029 χ^2 /NDF: 72904.8/86

- sign 38.093 $\pm$ 0.042 χ^2 /NDF: 36425.2/43

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: -0.213 ± 0.004 χ^2/NDF : 8024.1/20

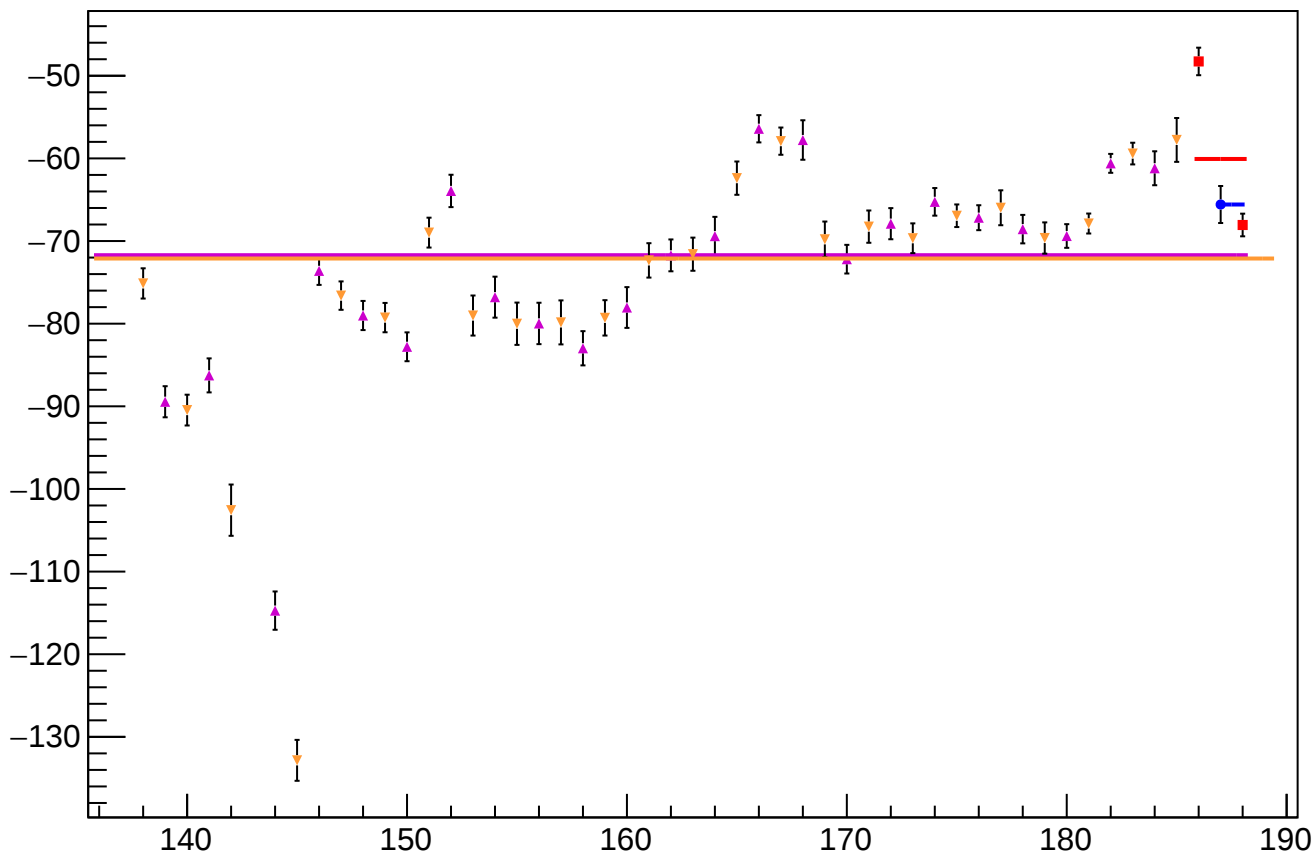
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.140 ± 0.002 χ^2/NDF : 16360.6/42

All: 0.129 ± 0.001 χ^2/NDF : 37135.8/86

- sign 0.118 ± 0.002 χ^2/NDF : 20715.4/43

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: -60.068 ± 1.059 χ^2/NDF : 84.1/1

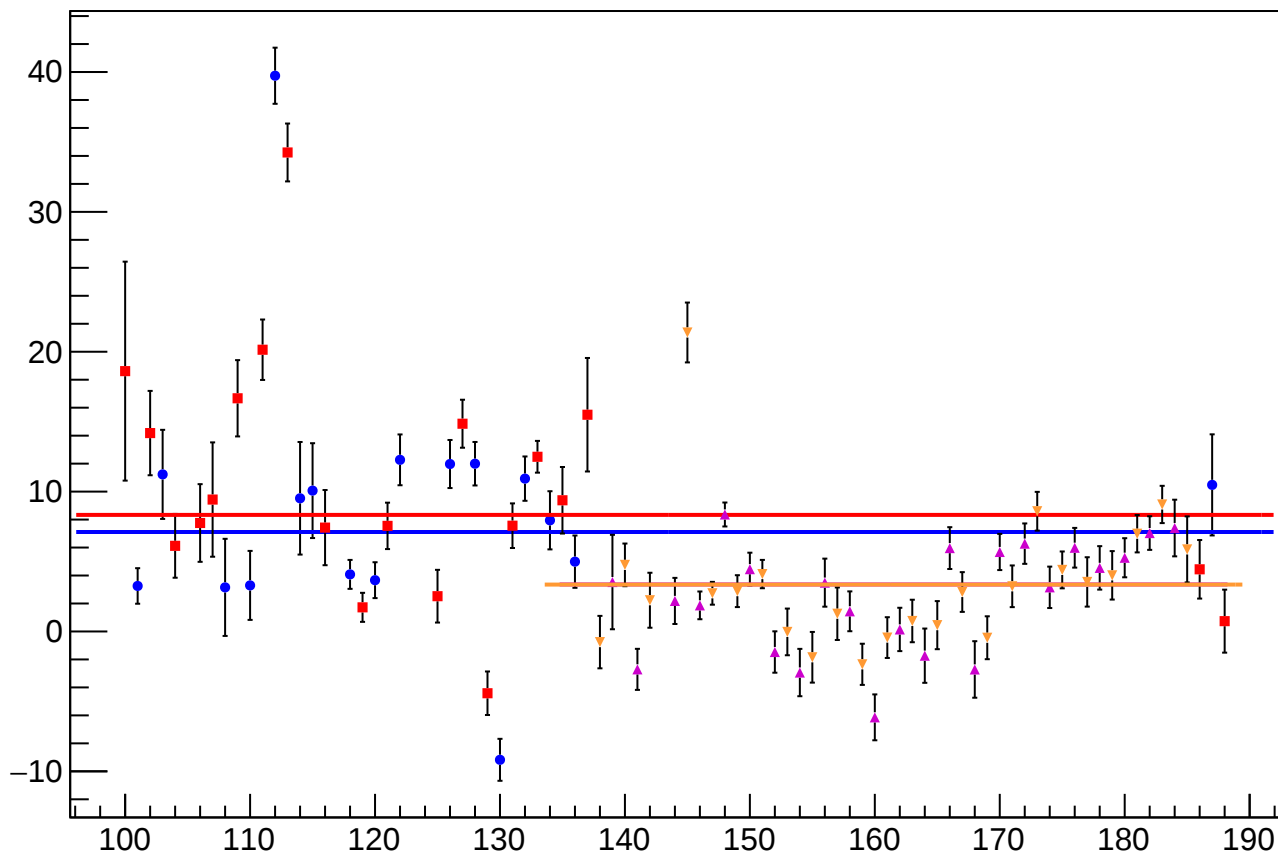
Left In: -71.713 ± 0.380 χ^2/NDF : 884.6/22

+ sign -71.930 ± 0.377 χ^2/NDF : 1133.4/24

All: -71.115 ± 0.260 χ^2/NDF : 2218.2/49

- sign -70.382 ± 0.358 χ^2/NDF : 1075.9/24

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: 8.335 $\pm$ 0.431 χ^2/NDF : 366.4/19

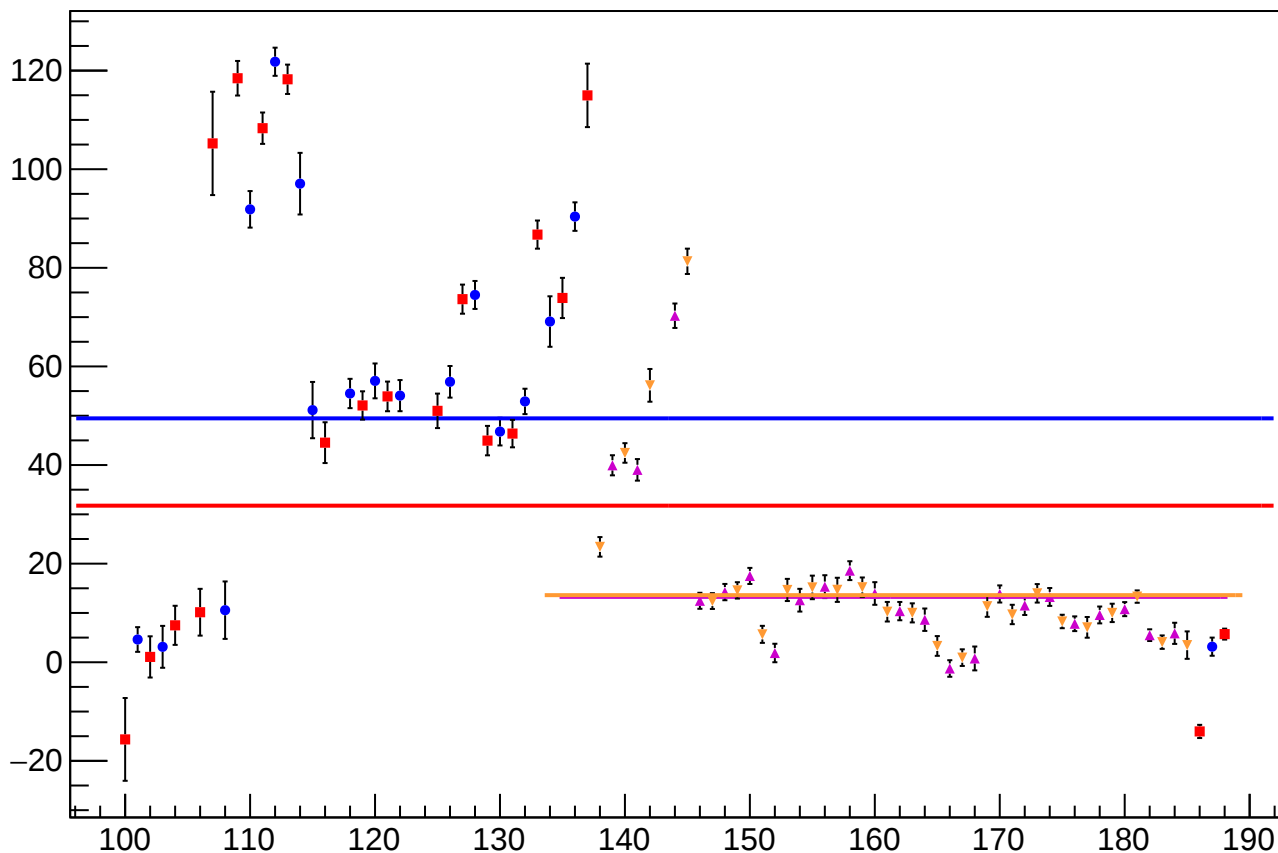
Left In: 3.360 $\pm$ 0.298 χ^2/NDF :164.5/22

+ sign 4.552 $\pm$ 0.243 χ^2/NDF : 667.5/40

All: 4.758 $\pm$ 0.173 χ^2/NDF : 1290.1/83

- sign 4.966 $\pm$ 0.245 χ^2/NDF : 621.1/42

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: 31.759 $\pm$ 0.599 χ^2 /NDF: 4989.3/19

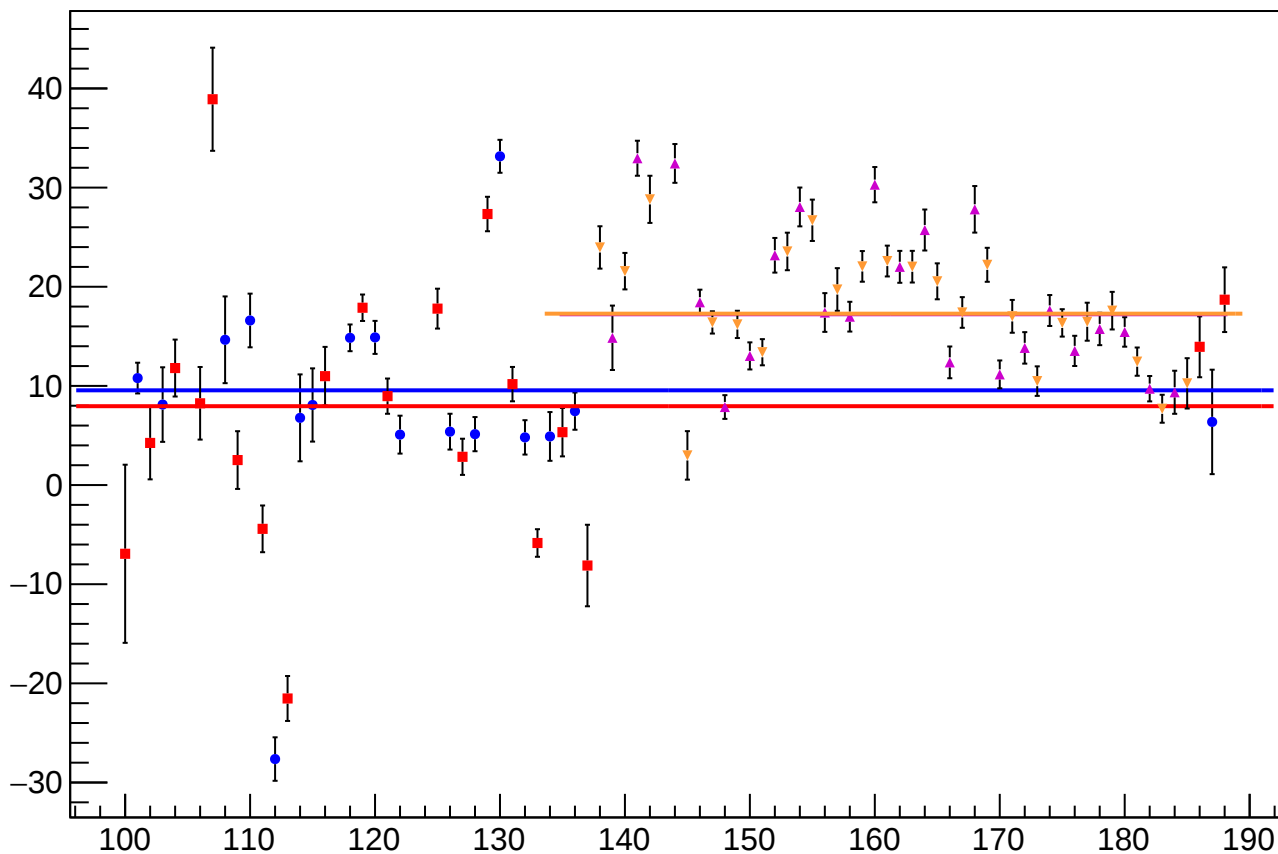
Left In: 13.262 $\pm$ 0.379 χ^2 /NDF:1077.0/22

+ sign 20.868 $\pm$ 0.341 χ^2 /NDF: 5348.1/40

All: 19.632 $\pm$ 0.233 χ^2 /NDF: 12121.0/83

- sign 18.544 $\pm$ 0.320 χ^2 /NDF: 6748.2/42

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.554 ± 0.499 $\chi^2/\text{NDF}: 554.8/16$

Left Out: 17.285 ± 0.337 $\chi^2/\text{NDF}: 244.0/23$

Right Out: 7.953 ± 0.502 $\chi^2/\text{NDF}: 585.2/19$

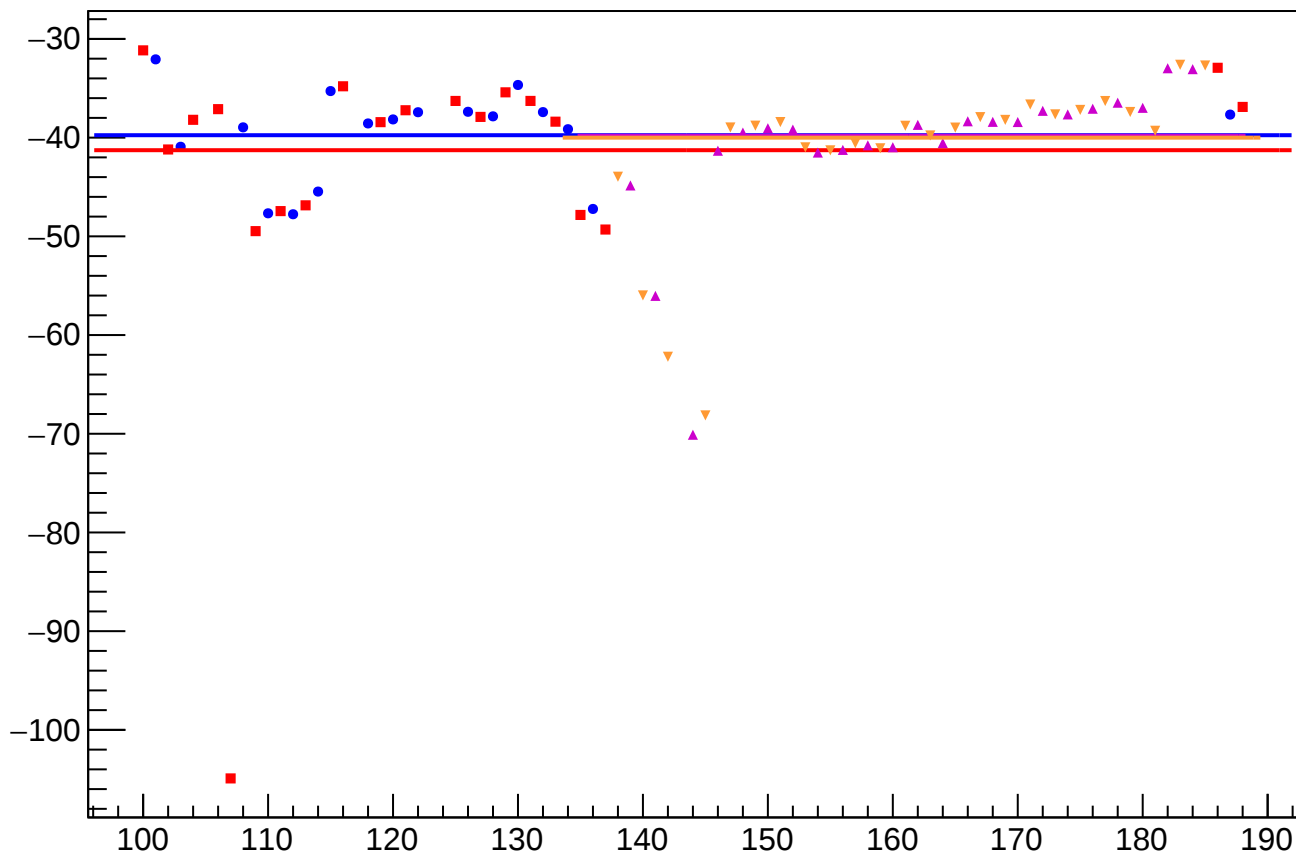
Left In: 17.224 ± 0.339 $\chi^2/\text{NDF}: 442.2/22$

+ sign 14.863 ± 0.279 $\chi^2/\text{NDF}: 963.7/40$

All: 14.598 ± 0.198 $\chi^2/\text{NDF}: 2227.0/83$

- sign 14.330 ± 0.281 $\chi^2/\text{NDF}: 1261.5/42$

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: -41.273 ± 0.030 χ^2/NDF : 97047.5/19

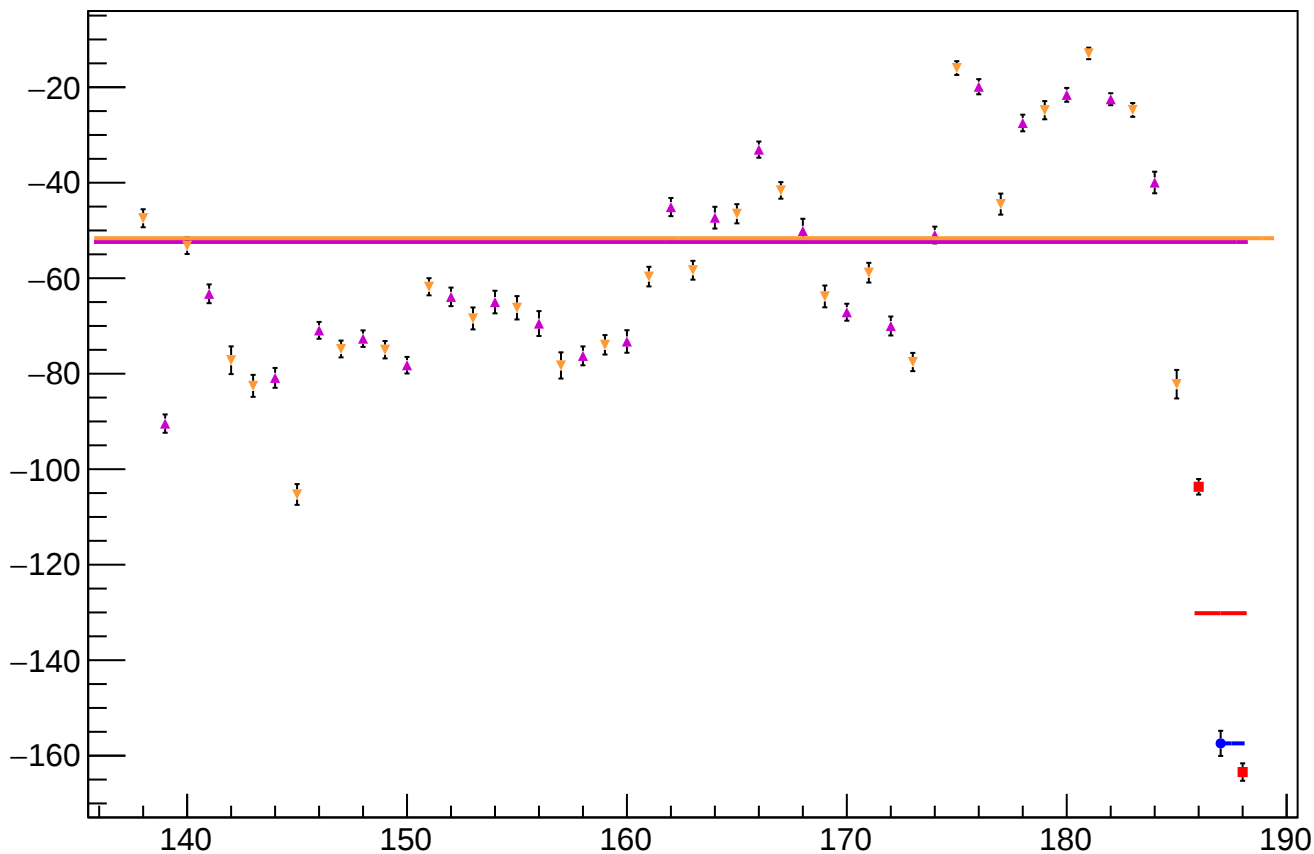
Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

+ sign -39.951 ± 0.014 χ^2/NDF : 198409.7/40

All: -40.036 ± 0.010 χ^2/NDF : 443166.4/83

- sign -40.120 ± 0.014 χ^2/NDF : 244682.9/42

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: -130.158 ± 1.218 χ^2/NDF : 594.2/1

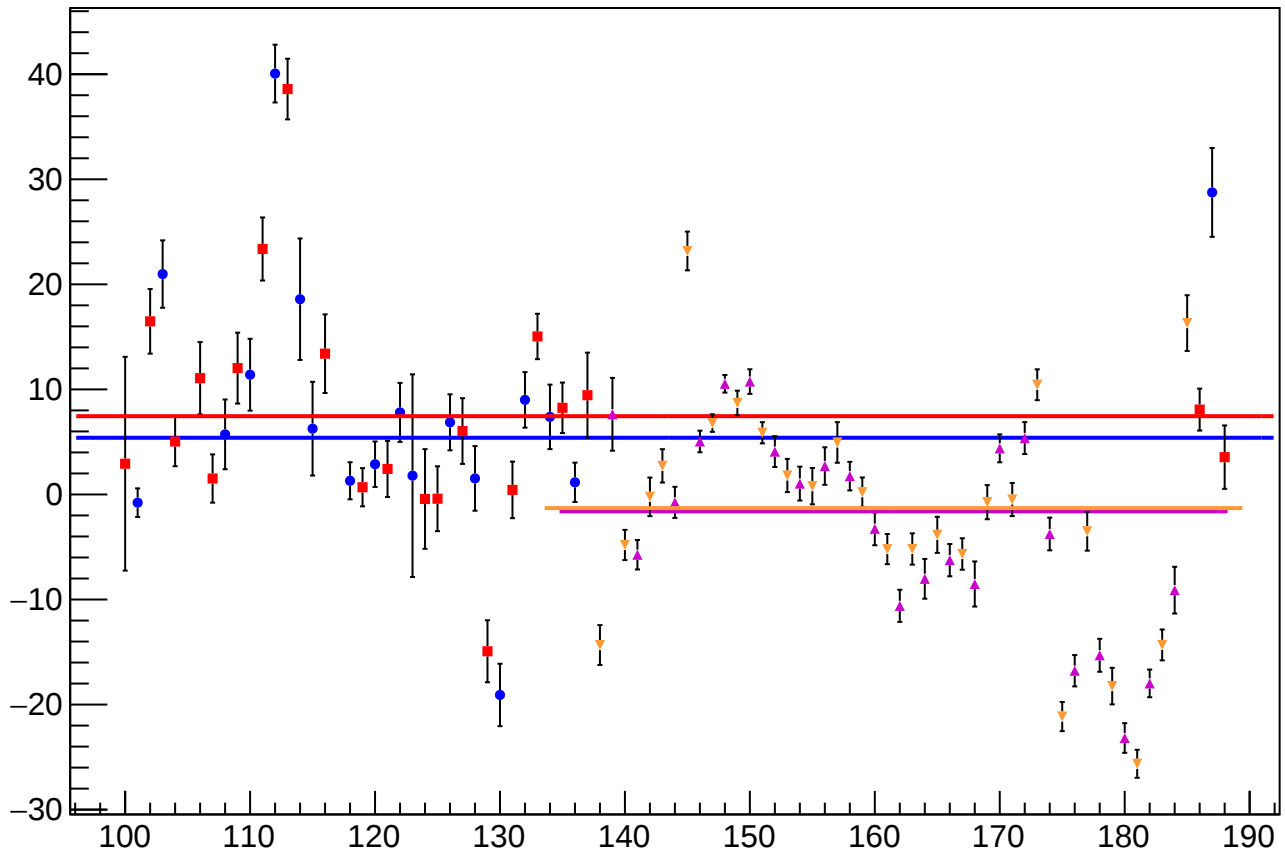
Left In: -52.409 ± 0.387 χ^2/NDF : 3378.7/22

+ sign -53.821 ± 0.379 χ^2/NDF : 5715.7/25

All: -56.766 ± 0.265 χ^2/NDF : 13508.8/50

- sign -59.549 ± 0.369 χ^2/NDF : 7676.0/24

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: 7.450 ± 0.607 $\chi^2/\text{NDF}: 272.0/20$

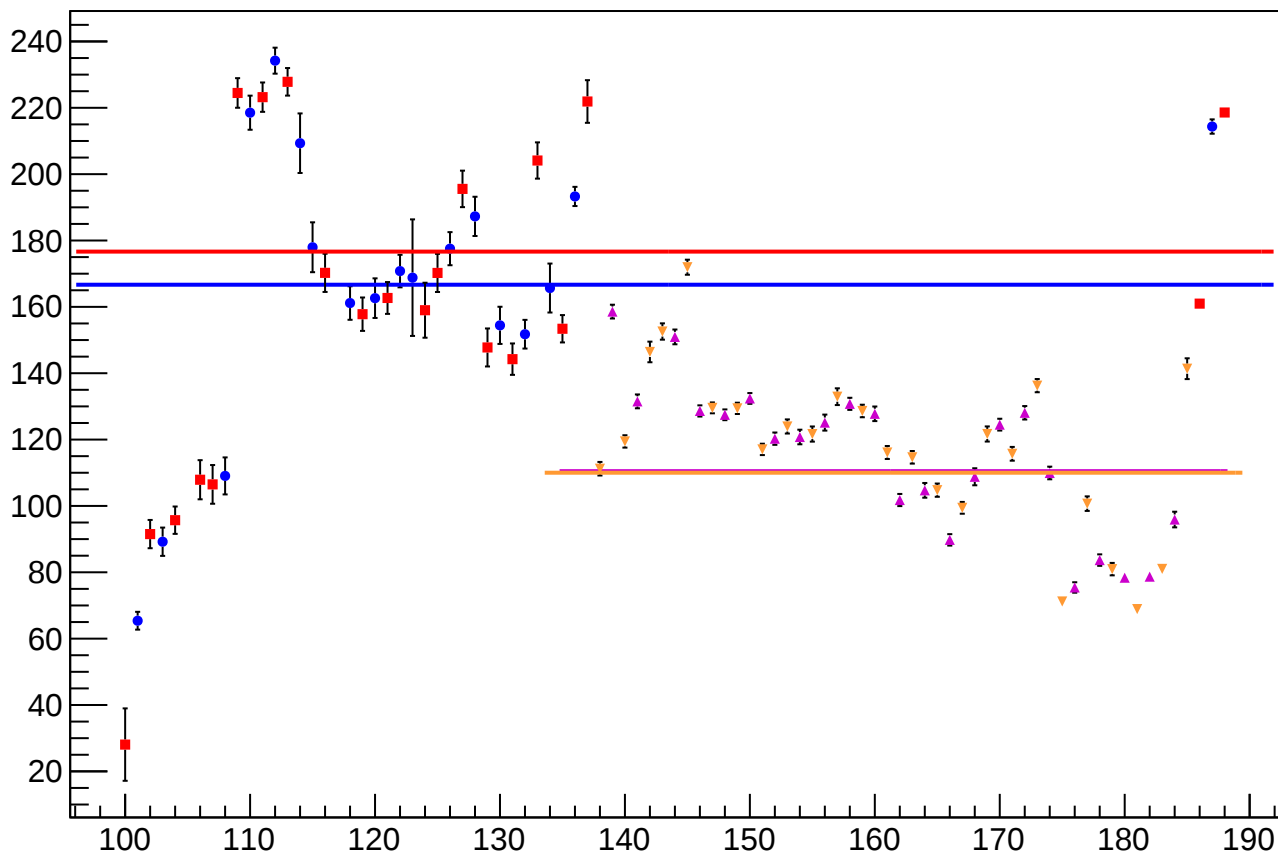
Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

+ sign -0.063 ± 0.264 $\chi^2/\text{NDF}: 1739.1/42$

All: 0.050 ± 0.188 $\chi^2/\text{NDF}: 3288.0/86$

- sign 0.167 ± 0.269 $\chi^2/\text{NDF}: 1548.5/43$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 166.675 ± 1.012 χ^2/NDF : 2890.1/17

Left Out: 110.012 ± 0.383 χ^2/NDF : 4537.0/24

Right Out: 176.658 ± 0.752 χ^2/NDF : 2800.5/20

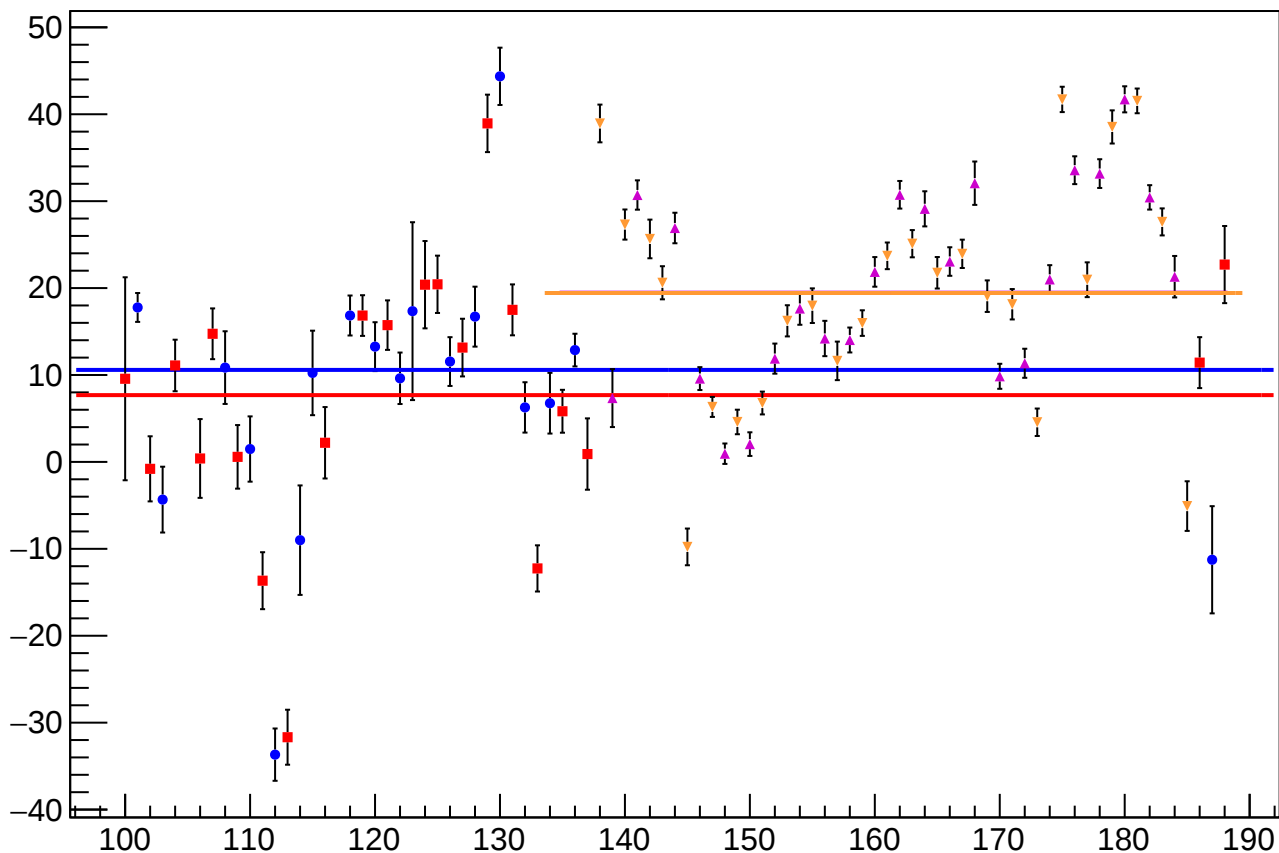
Left In: 110.482 ± 0.385 χ^2/NDF : 3824.9/22

+ sign 117.109 ± 0.358 χ^2/NDF : 10171.8/42

All: 120.819 ± 0.247 χ^2/NDF : 23143.2/86

- sign 124.214 ± 0.342 χ^2/NDF : 12765.7/43

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: 7.684 $\pm$ 0.715 χ^2/NDF : 438.4/20

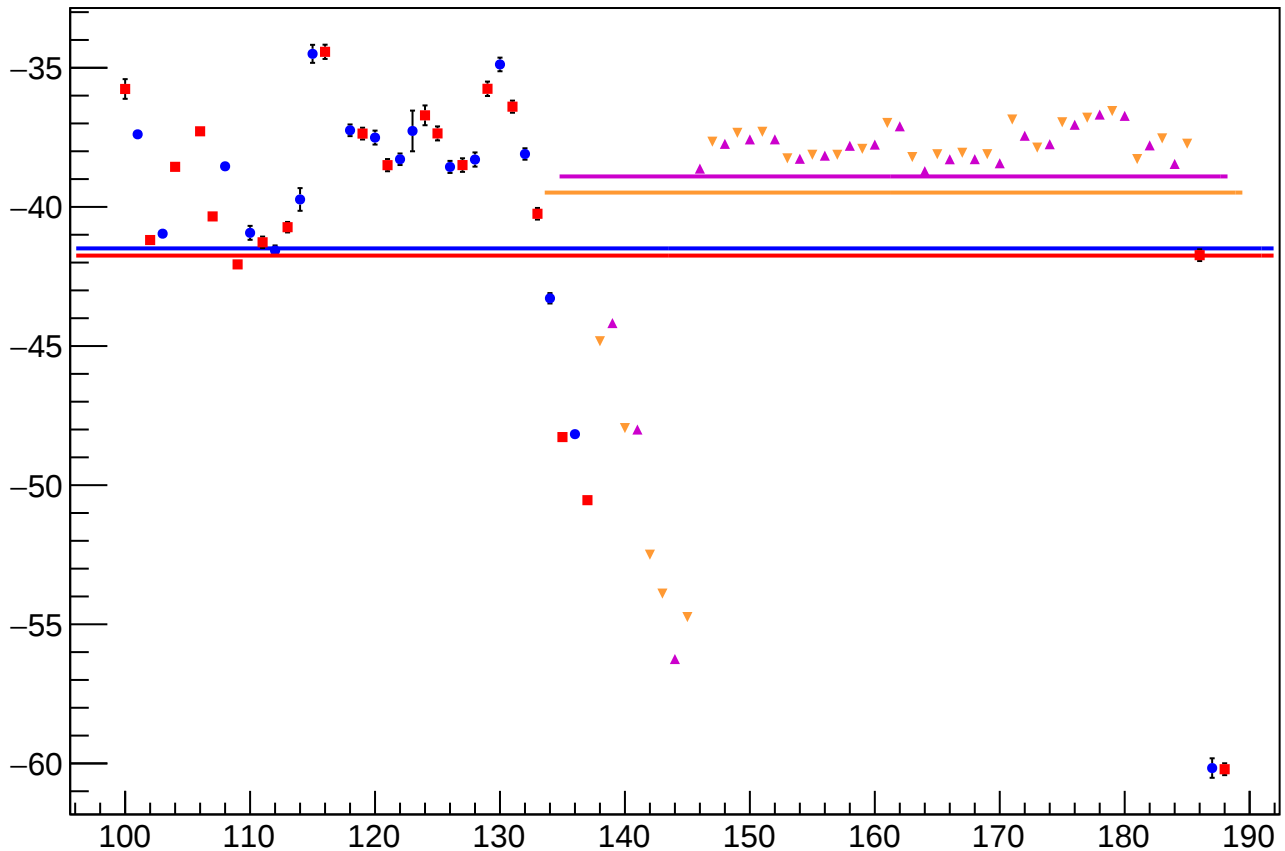
Left In: 19.472 $\pm$ 0.342 χ^2/NDF :1188.2/22

+ sign 17.814 $\pm$ 0.303 χ^2/NDF : 1980.5/42

All: 17.553 $\pm$ 0.216 χ^2/NDF : 3829.7/86

- sign 17.283 $\pm$ 0.308 χ^2/NDF : 1847.7/43

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.491 ± 0.038 $\chi^2/\text{NDF}: 15448.2/17$

Left Out: -39.484 ± 0.016 $\chi^2/\text{NDF}: 88877.3/24$

Right Out: -41.749 ± 0.037 $\chi^2/\text{NDF}: 19962.5/20$

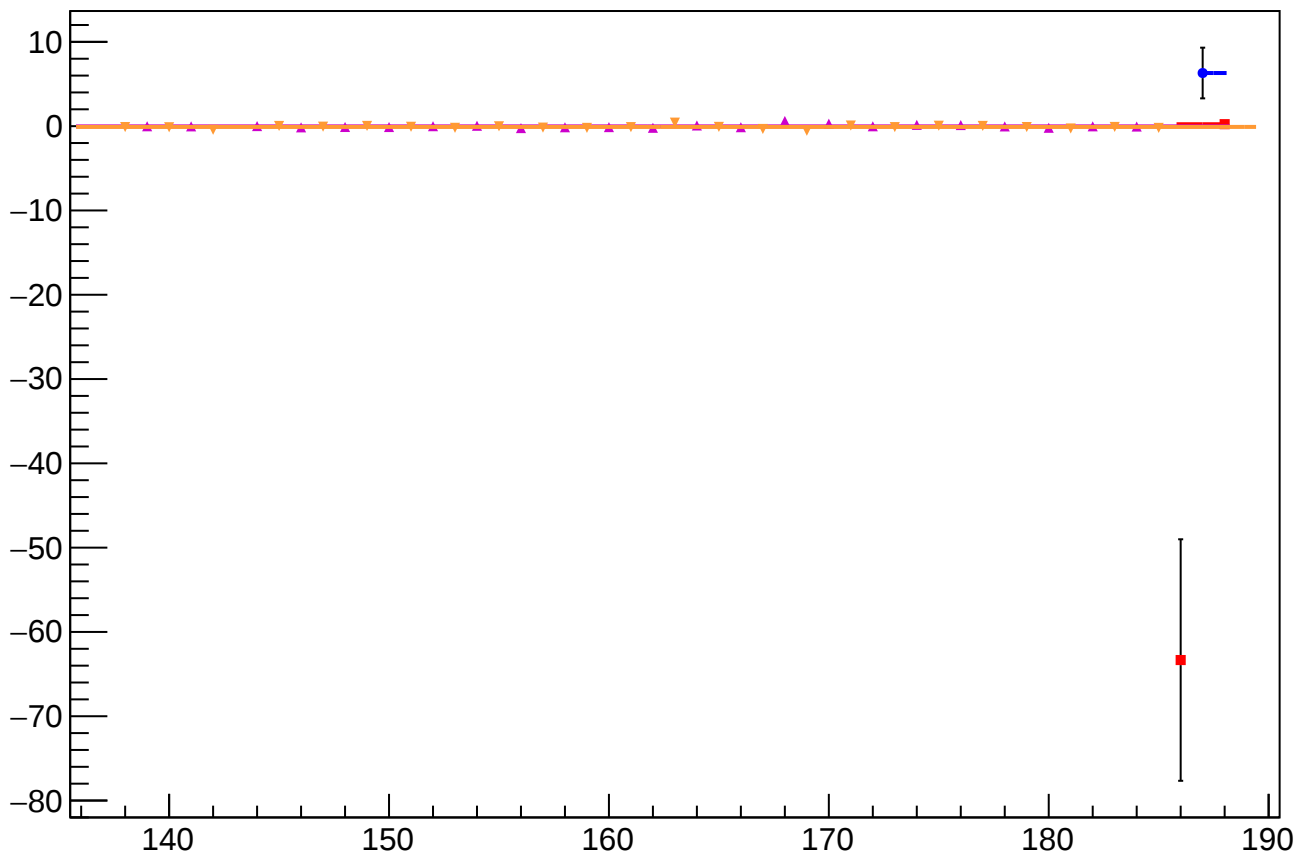
Left In: -38.905 ± 0.016 $\chi^2/\text{NDF}: 54282.7/22$

+ sign -39.776 ± 0.015 $\chi^2/\text{NDF}: 106676.4/42$

All: -39.555 ± 0.010 $\chi^2/\text{NDF}: 186286.1/86$

- sign -39.336 ± 0.015 $\chi^2/\text{NDF}: 79153.4/43$

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: 0.228 $\pm$ 0.158 χ^2 /NDF: 19.7/1

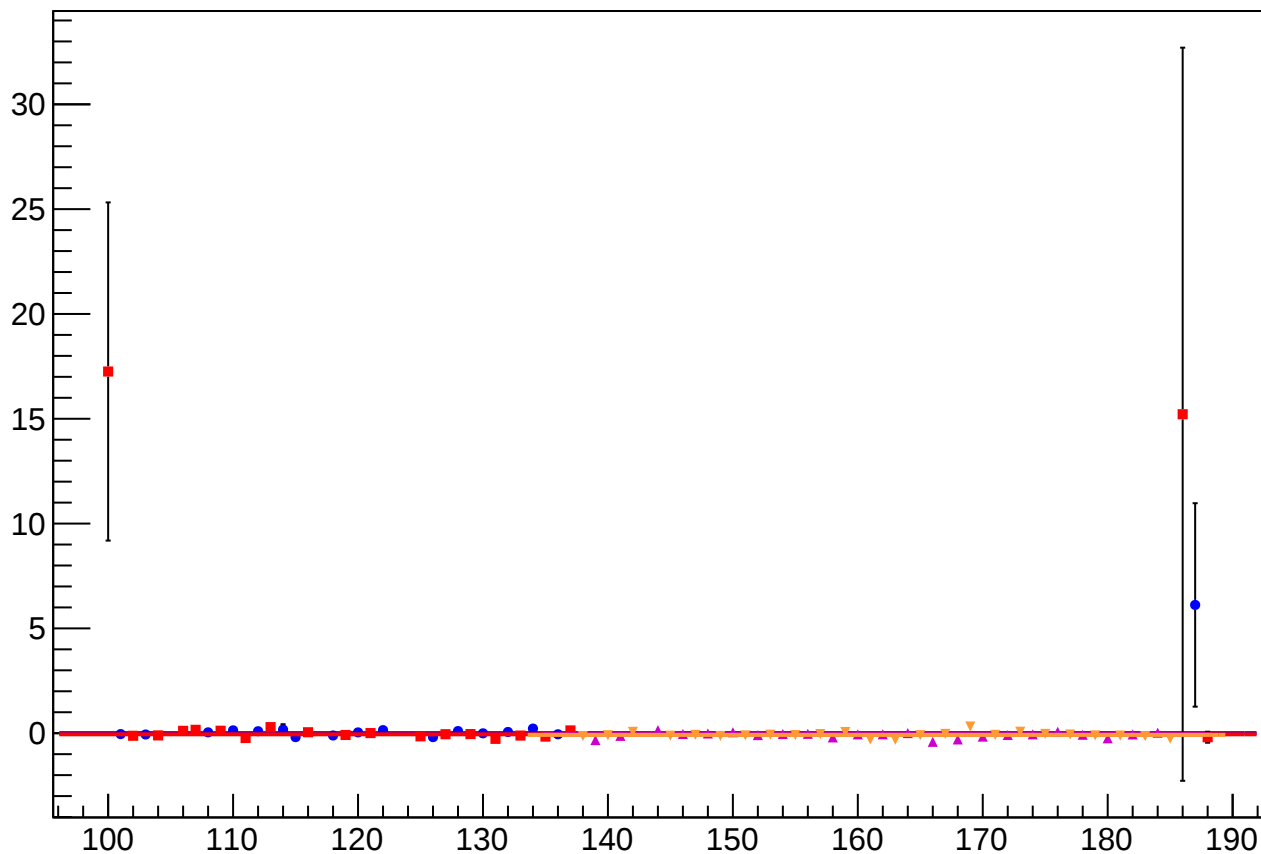
Left In: -0.026 $\pm$ 0.022 χ^2 /NDF: 32.3/22

+ sign -0.089 $\pm$ 0.022 χ^2 /NDF: 44.6/24

All: -0.054 $\pm$ 0.016 χ^2 /NDF: 103.8/49

- sign -0.021 $\pm$ 0.022 χ^2 /NDF: 54.5/24

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: -0.053 ± 0.029 χ^2/NDF : 26.8/19

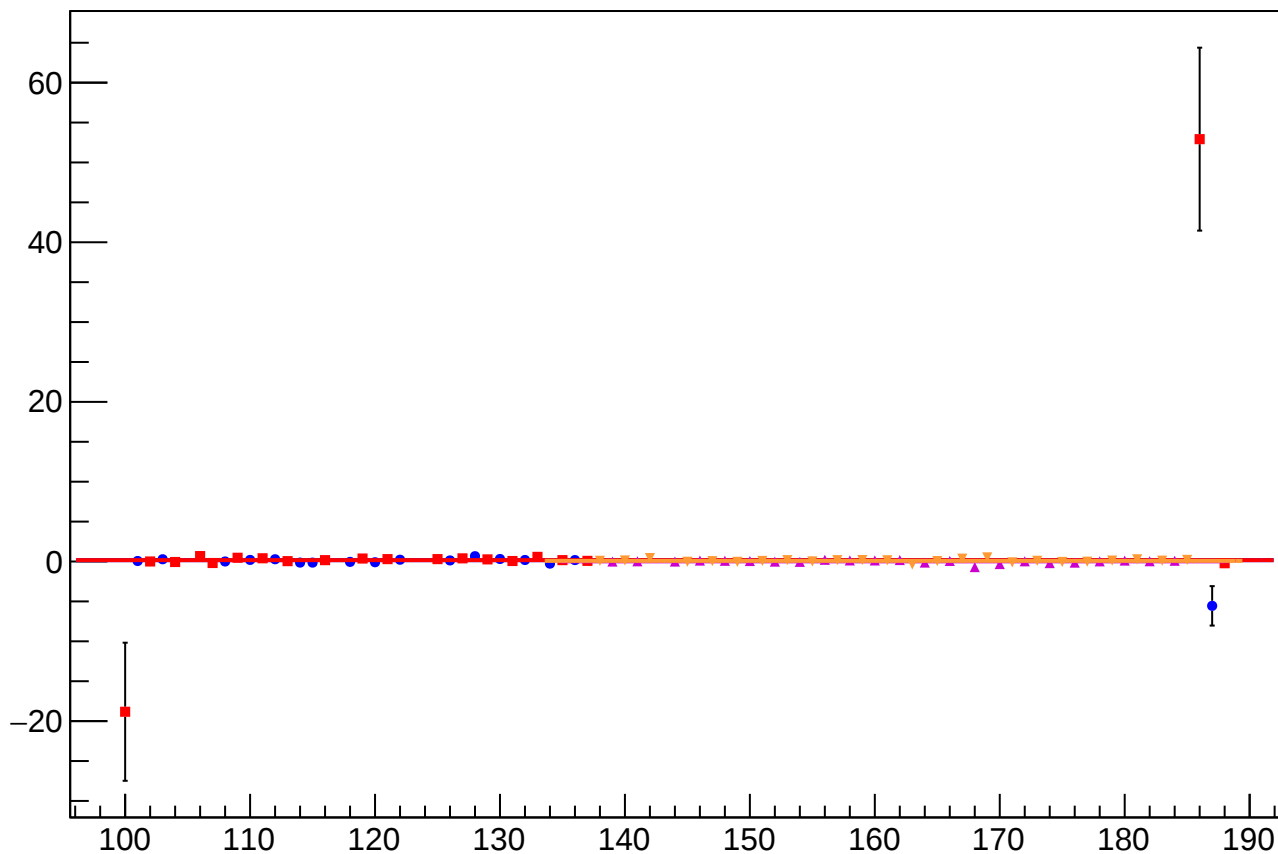
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ sign -0.058 ± 0.015 χ^2/NDF : 46.2/40

All: -0.056 ± 0.011 χ^2/NDF : 105.2/83

- sign -0.054 ± 0.015 χ^2/NDF : 59.0/42

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: 0.171 $\pm$ 0.050 χ^2 /NDF: 53.8/19

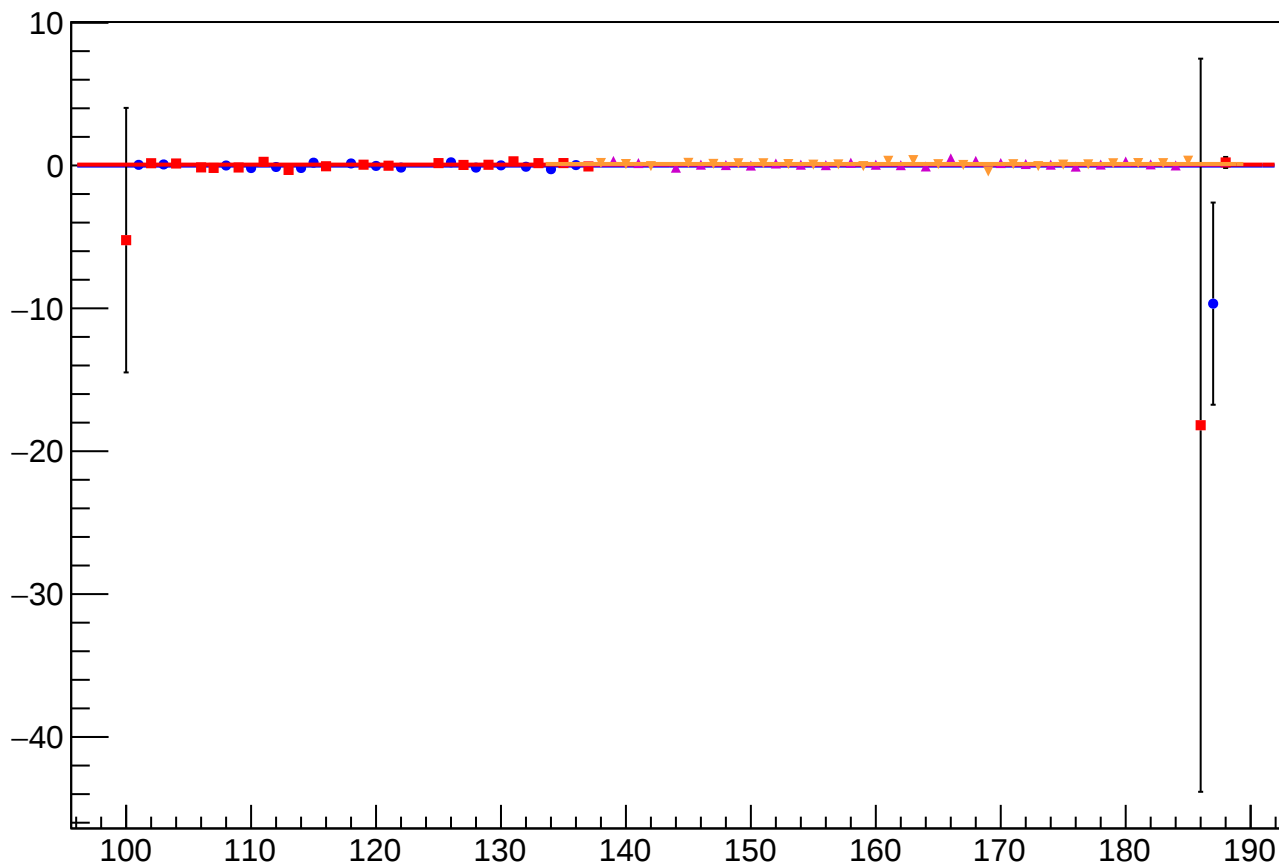
Left In: 0.020 $\pm$ 0.022 χ^2 /NDF:34.5/22

+ sign 0.095 $\pm$ 0.020 χ^2 /NDF: 60.1/40

All: 0.070 $\pm$ 0.014 χ^2 /NDF: 159.1/83

- sign 0.045 $\pm$ 0.020 χ^2 /NDF: 96.0/42

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: 0.060 ± 0.034 χ^2/NDF : 21.2/19

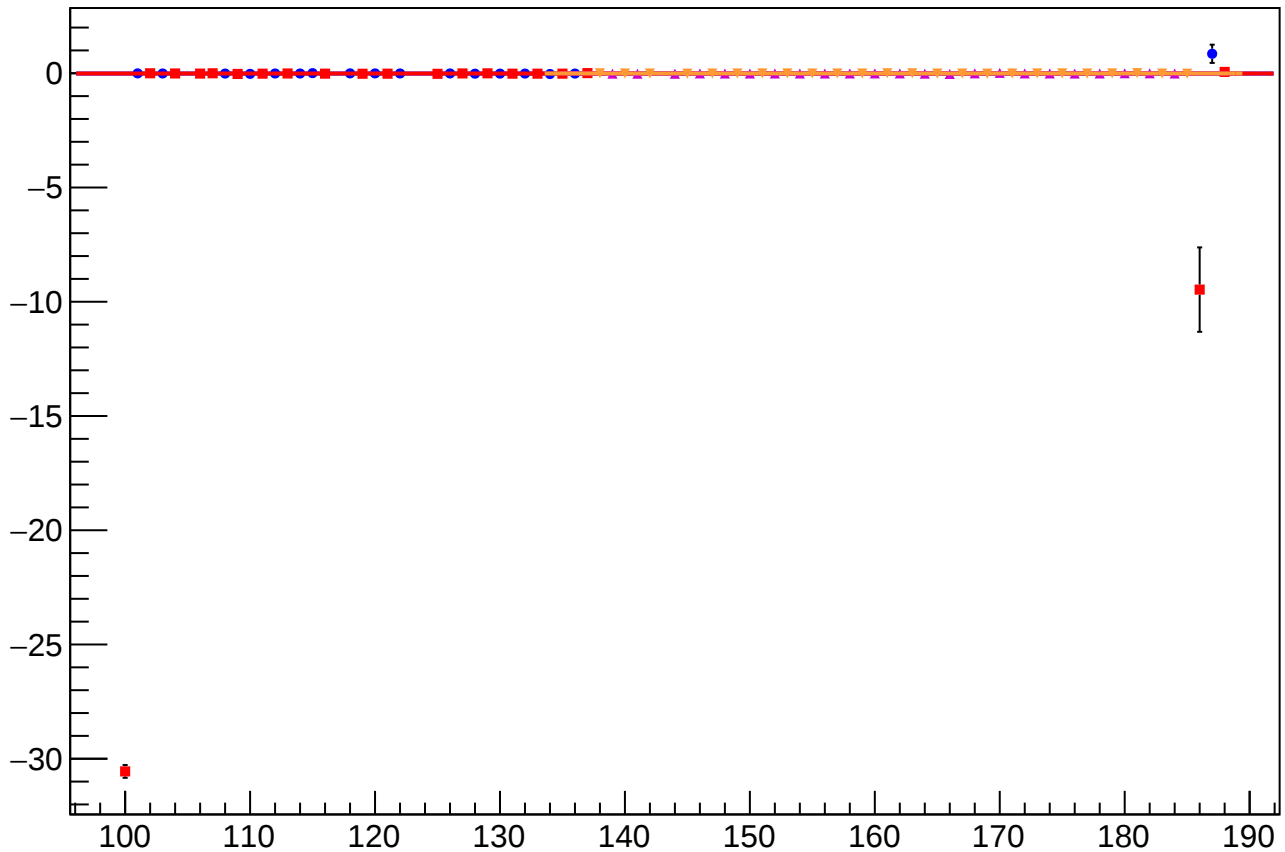
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 54.4/40

All: 0.072 ± 0.012 χ^2/NDF : 107.5/83

- sign 0.069 ± 0.017 χ^2/NDF : 53.0/42

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: -0.011 ± 0.002 χ^2/NDF : 11932.5/19

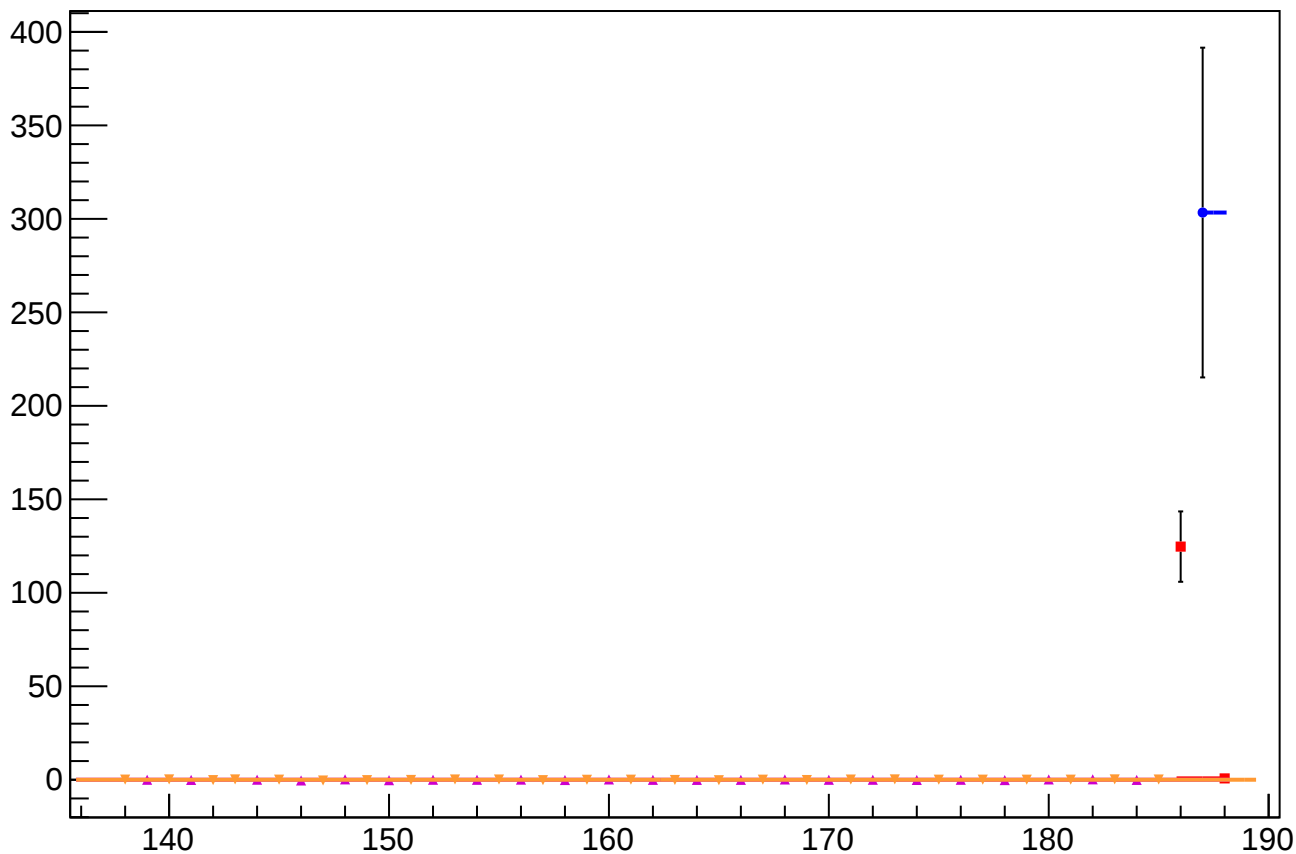
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ sign -0.009 ± 0.001 χ^2/NDF : 51.9/40

All: -0.009 ± 0.001 χ^2/NDF : 12028.4/83

- sign -0.009 ± 0.001 χ^2/NDF : 11976.3/42

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: 0.740 $\pm$ 0.201 χ^2 /NDF: 43.4/1

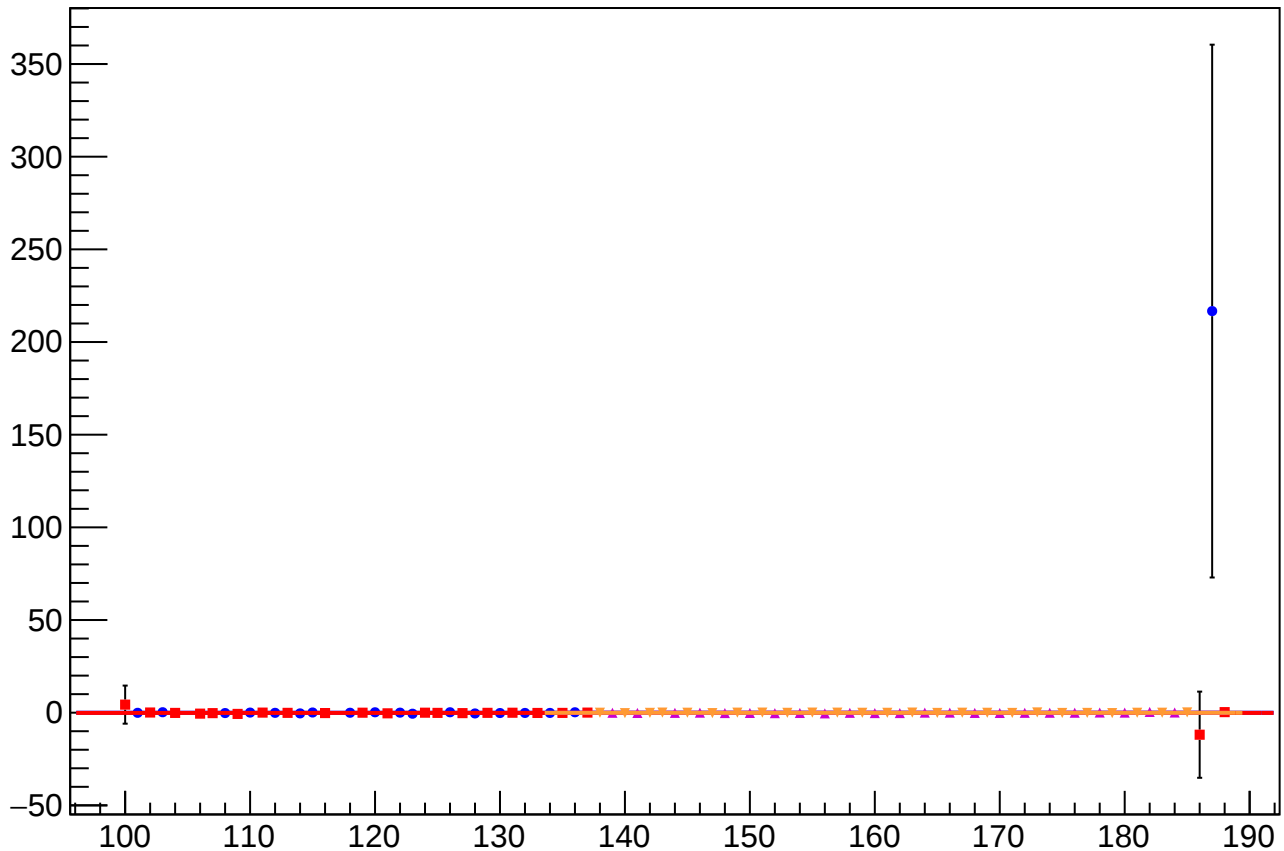
Left In: 0.004 $\pm$ 0.028 χ^2 /NDF: 28.2/22

+ sign 0.013 $\pm$ 0.027 χ^2 /NDF: 41.0/25

All: 0.016 $\pm$ 0.019 χ^2 /NDF: 125.8/50

- sign 0.018 $\pm$ 0.027 χ^2 /NDF: 84.8/24

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: -0.122 ± 0.039 χ^2/NDF : 19.5/20

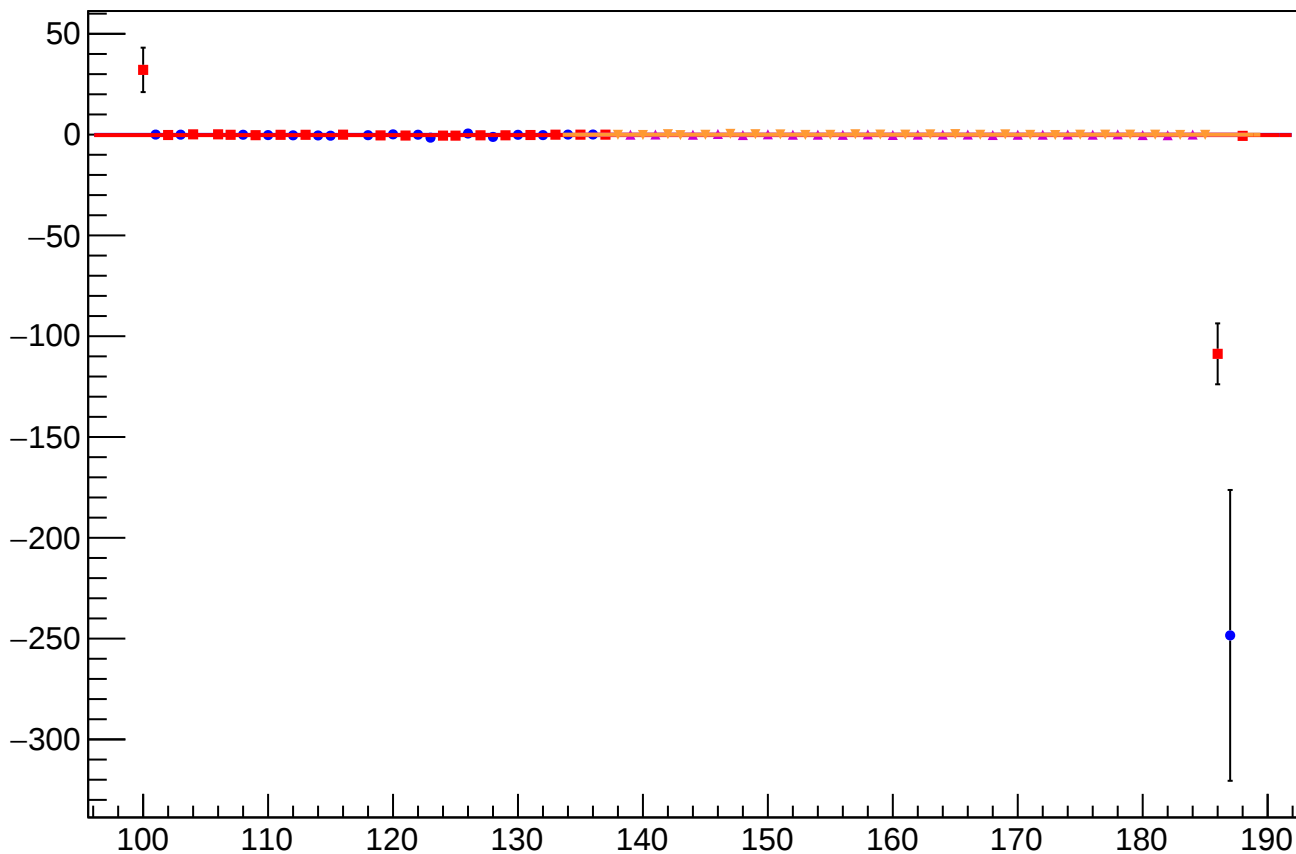
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 51.7/42

All: -0.066 ± 0.013 χ^2/NDF : 122.9/86

- sign -0.084 ± 0.019 χ^2/NDF : 69.5/43

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: -0.246 ± 0.065 χ^2/NDF : 73.0/20

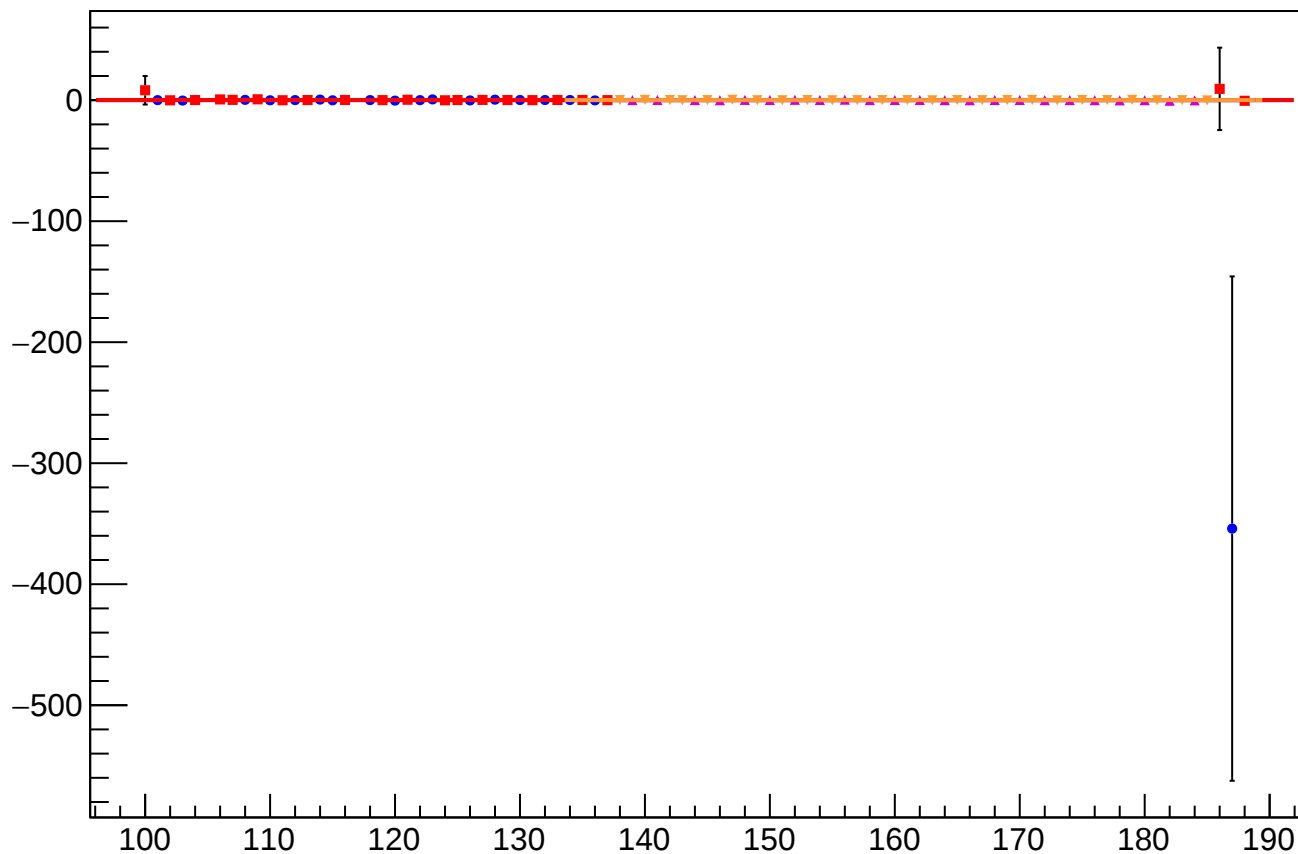
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 65.1/42

All: -0.049 ± 0.018 χ^2/NDF : 175.9/86

- sign -0.067 ± 0.025 χ^2/NDF : 109.7/43

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: 0.146 $\pm$ 0.045 χ^2 /NDF: 18.0/20

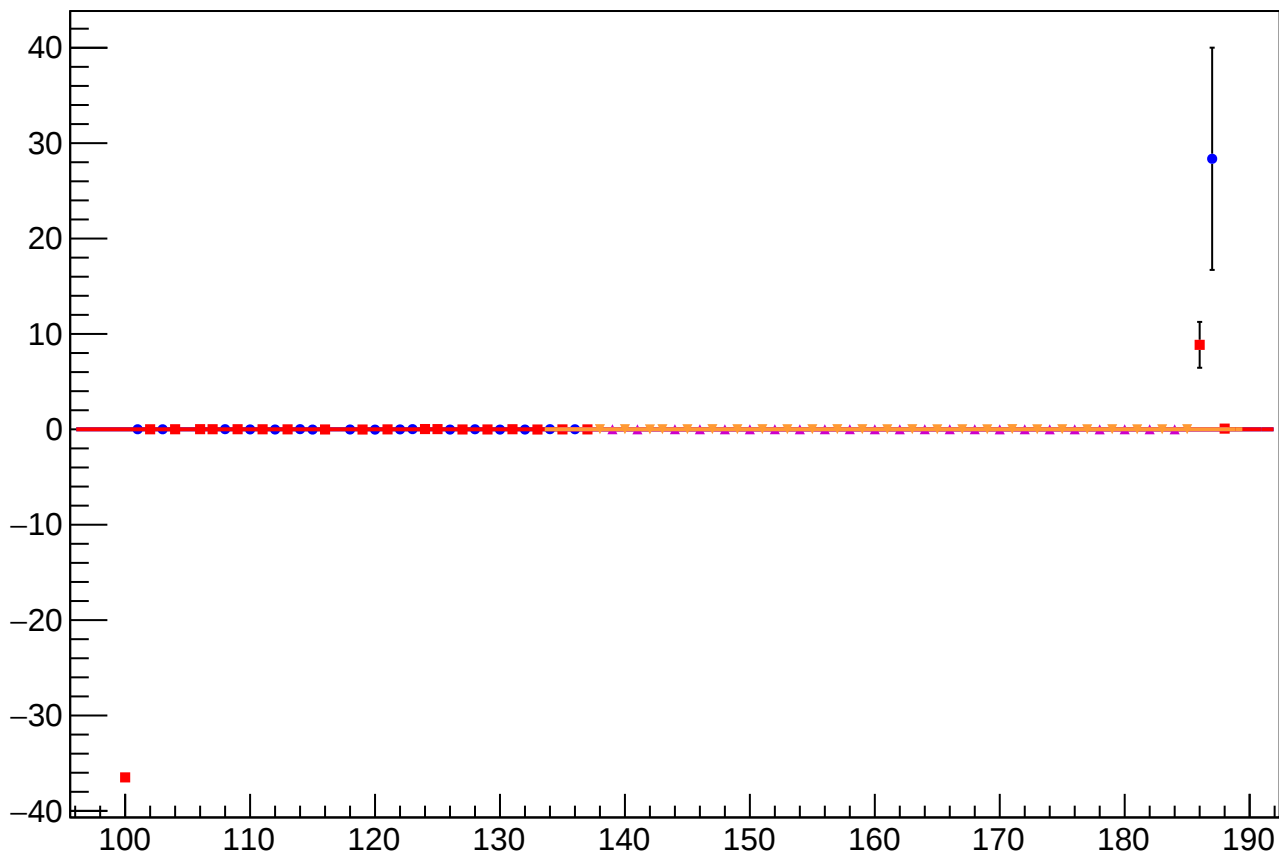
Left In: 0.069 $\pm$ 0.025 χ^2 /NDF:51.4/22

+ sign 0.052 $\pm$ 0.021 χ^2 /NDF: 51.1/42

All: 0.069 $\pm$ 0.015 χ^2 /NDF: 124.2/86

- sign 0.087 $\pm$ 0.022 χ^2 /NDF: 71.7/43

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: 0.002 $\pm$ 0.002 χ^2 /NDF: 10472.6/20

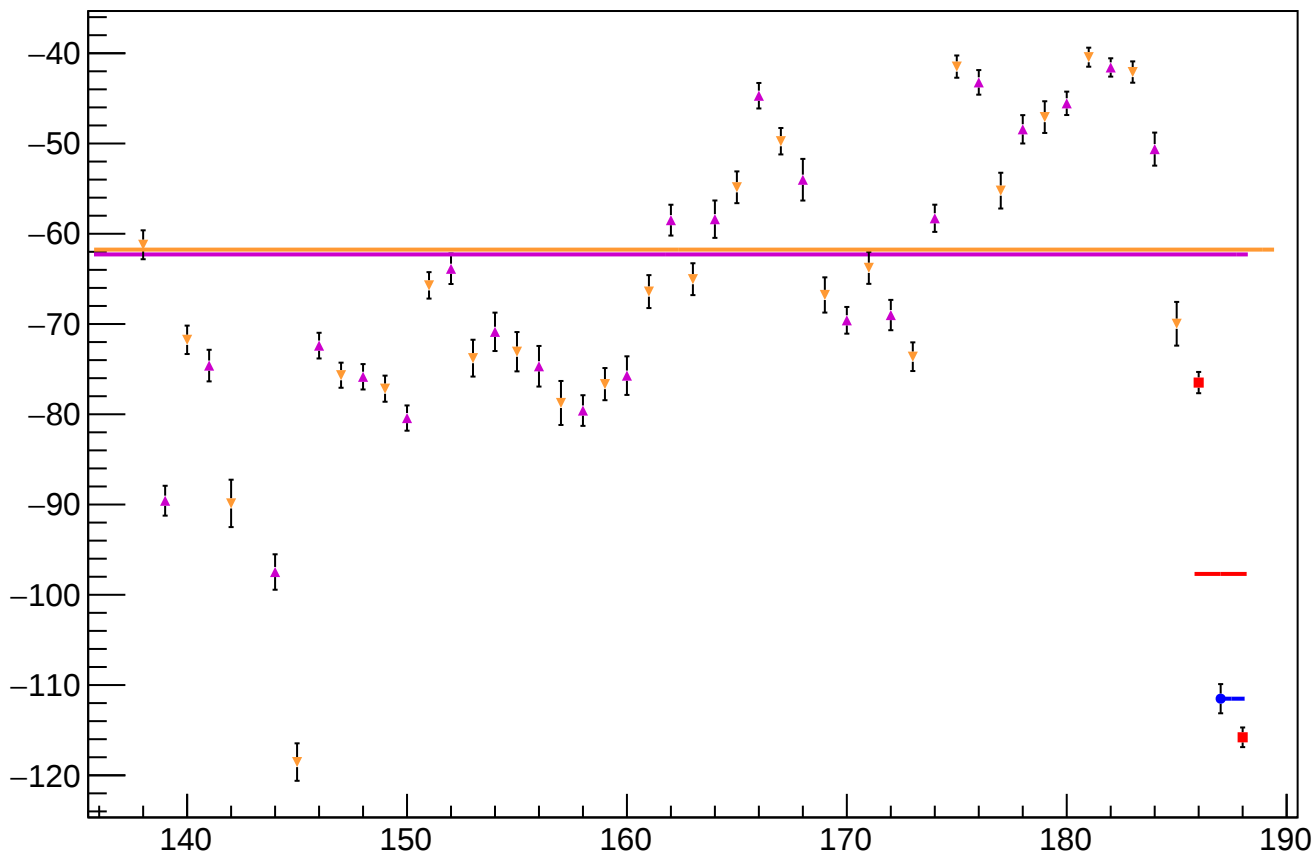
Left In: 0.009 $\pm$ 0.001 χ^2 /NDF: 15.8/22

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 72.4/42

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10569.7/86

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10497.0/43

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: -97.689 ± 0.800 χ^2/NDF : 599.8/1

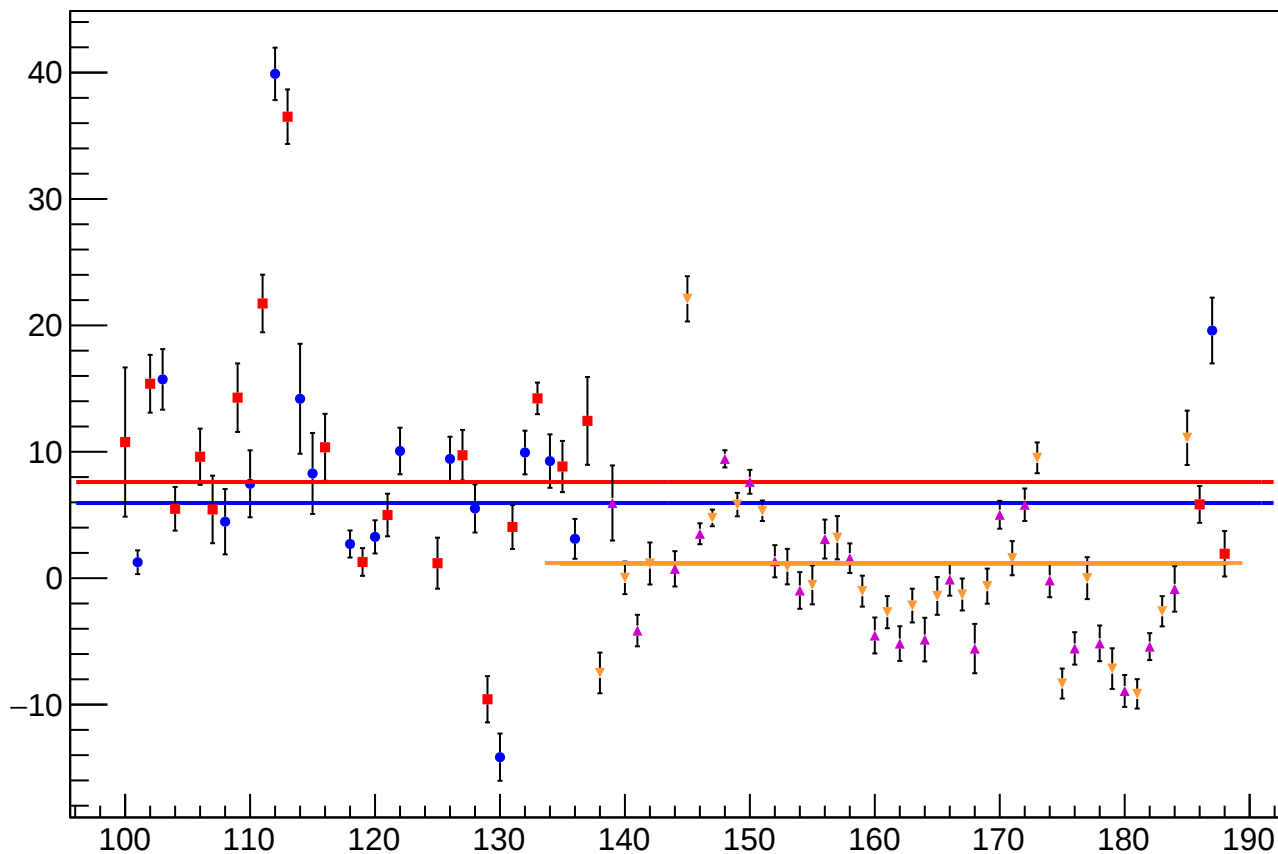
Left In: -62.290 ± 0.331 χ^2/NDF : 2265.0/22

+ sign -63.788 ± 0.327 χ^2/NDF : 3416.8/24

All: -65.751 ± 0.223 χ^2/NDF : 8021.4/49

- sign -67.471 ± 0.306 χ^2/NDF : 4537.0/24

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.950 ± 0.418 χ^2/NDF : 491.0/16

Left Out: 1.197 ± 0.252 χ^2/NDF : 526.1/23

Right Out: 7.607 ± 0.421 χ^2/NDF : 420.6/19

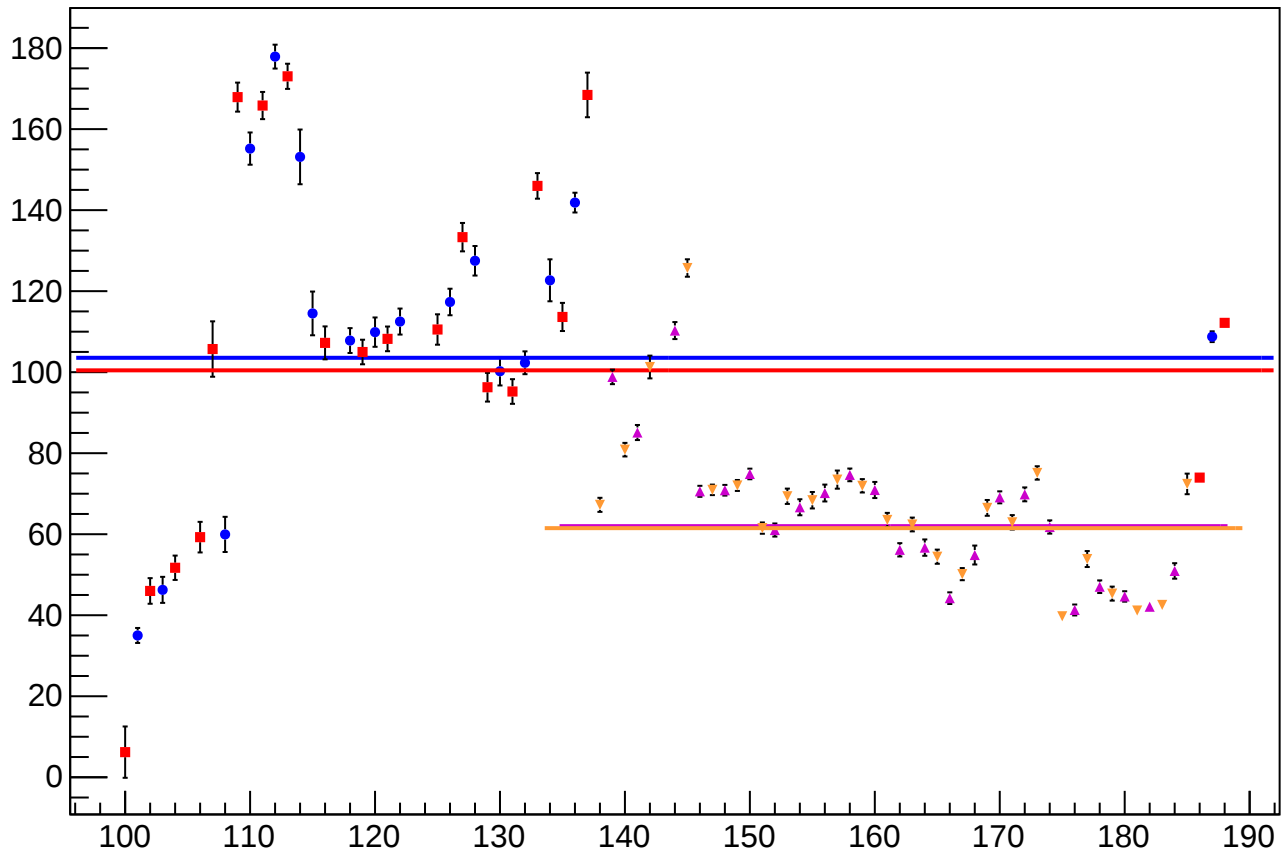
Left In: 1.171 ± 0.255 χ^2/NDF : 466.2/22

+ sign 2.467 ± 0.216 χ^2/NDF : 1111.8/40

All: 2.680 ± 0.153 χ^2/NDF : 2171.7/83

- sign 2.896 ± 0.218 χ^2/NDF : 1057.9/42

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: 100.452 $\pm$ 0.509 χ^2 /NDF: 3635.0/19

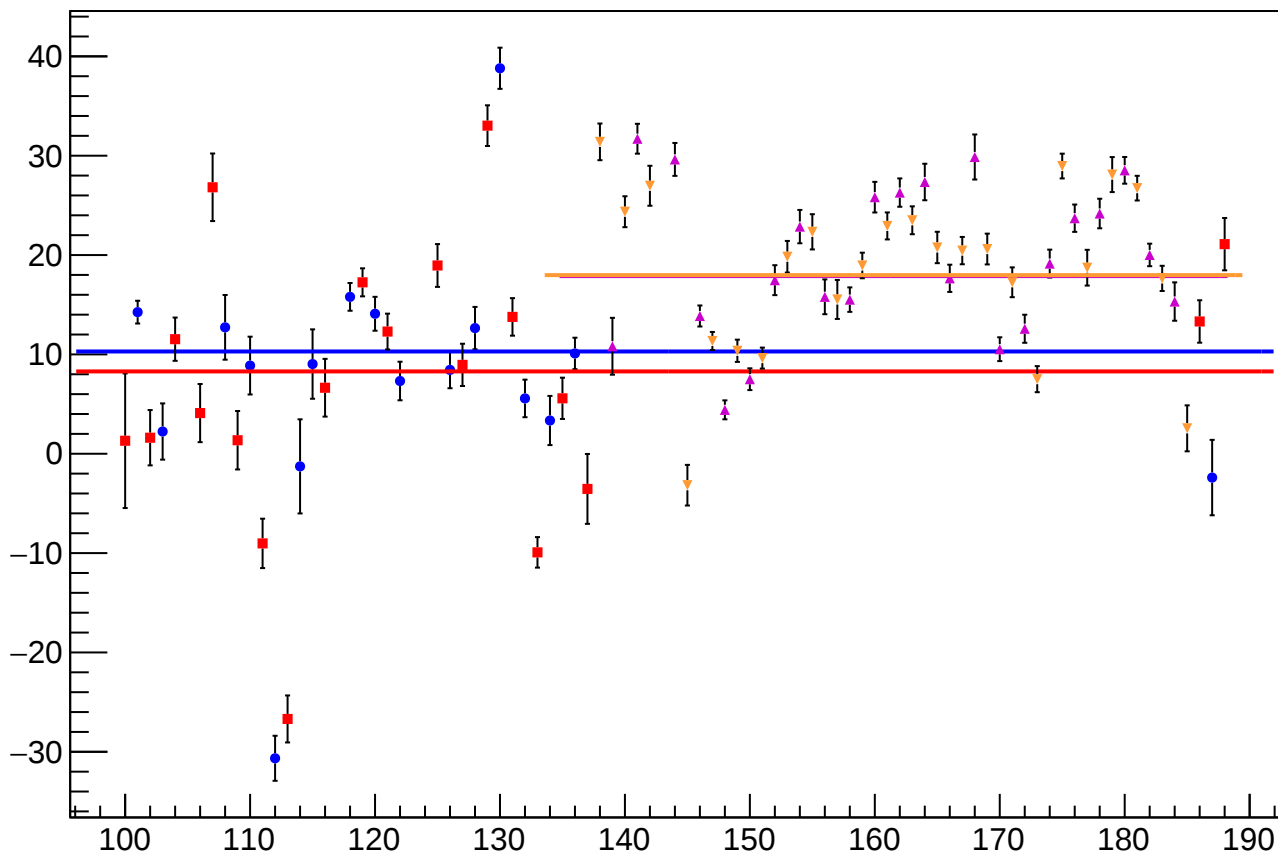
Left In: 61.995 $\pm$ 0.329 χ^2 /NDF:2517.6/22

+ sign 69.418 $\pm$ 0.299 χ^2 /NDF: 8627.7/40

All: 71.522 $\pm$ 0.203 χ^2 /NDF: 18894.8/83

- sign 73.314 $\pm$ 0.276 χ^2 /NDF: 10175.6/42

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.295 ± 0.488 χ^2/NDF : 592.9/16

Left Out: 17.979 ± 0.291 χ^2/NDF : 674.8/23

Right Out: 8.287 ± 0.500 χ^2/NDF : 720.9/19

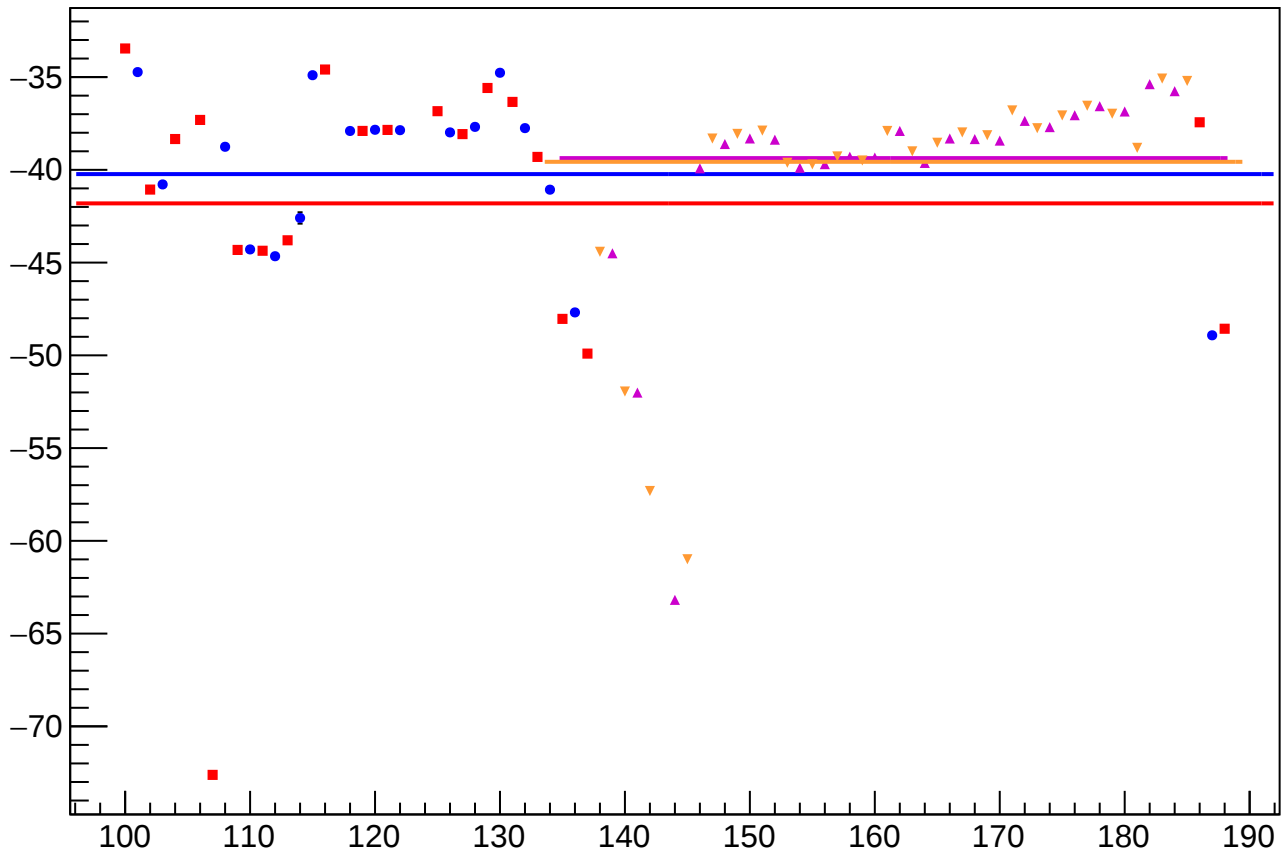
Left In: 17.881 ± 0.292 χ^2/NDF : 730.9/22

+ sign 15.965 ± 0.250 χ^2/NDF : 1450.7/40

All: 15.706 ± 0.177 χ^2/NDF : 3179.7/83

- sign 15.443 ± 0.252 χ^2/NDF : 1726.8/42

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: -41.808 ± 0.027 χ^2/NDF : 65576.7/19

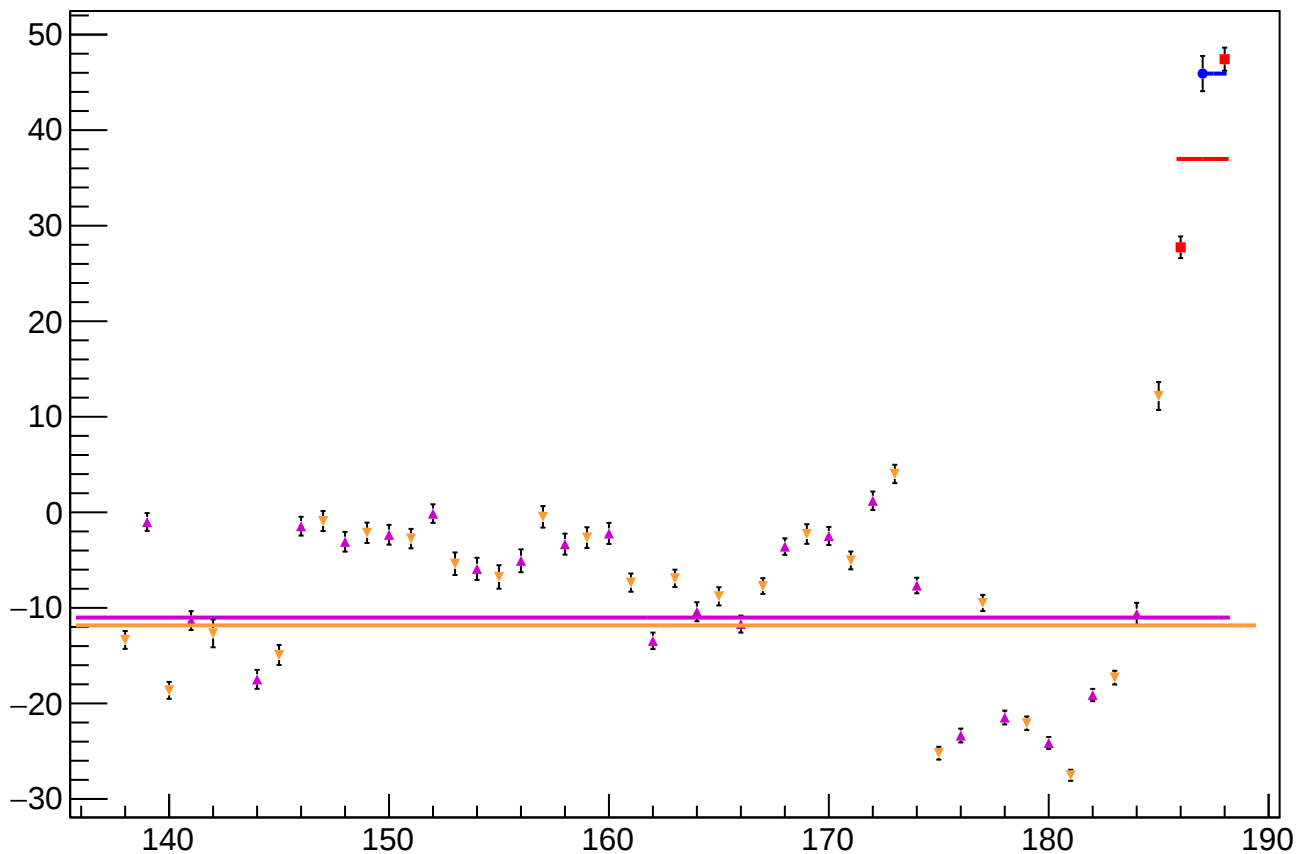
Left In: -39.368 ± 0.014 χ^2/NDF : 117958.1/22

+ sign -39.696 ± 0.012 χ^2/NDF : 168395.2/40

All: -39.773 ± 0.009 χ^2/NDF : 358380.0/83

- sign -39.847 ± 0.012 χ^2/NDF : 189908.3/42

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 45.919 ± 1.845 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -11.837 ± 0.187 $\chi^2/\text{NDF}: 2742.4/23$

Right Out: 36.985 ± 0.826 $\chi^2/\text{NDF}: 141.4/1$

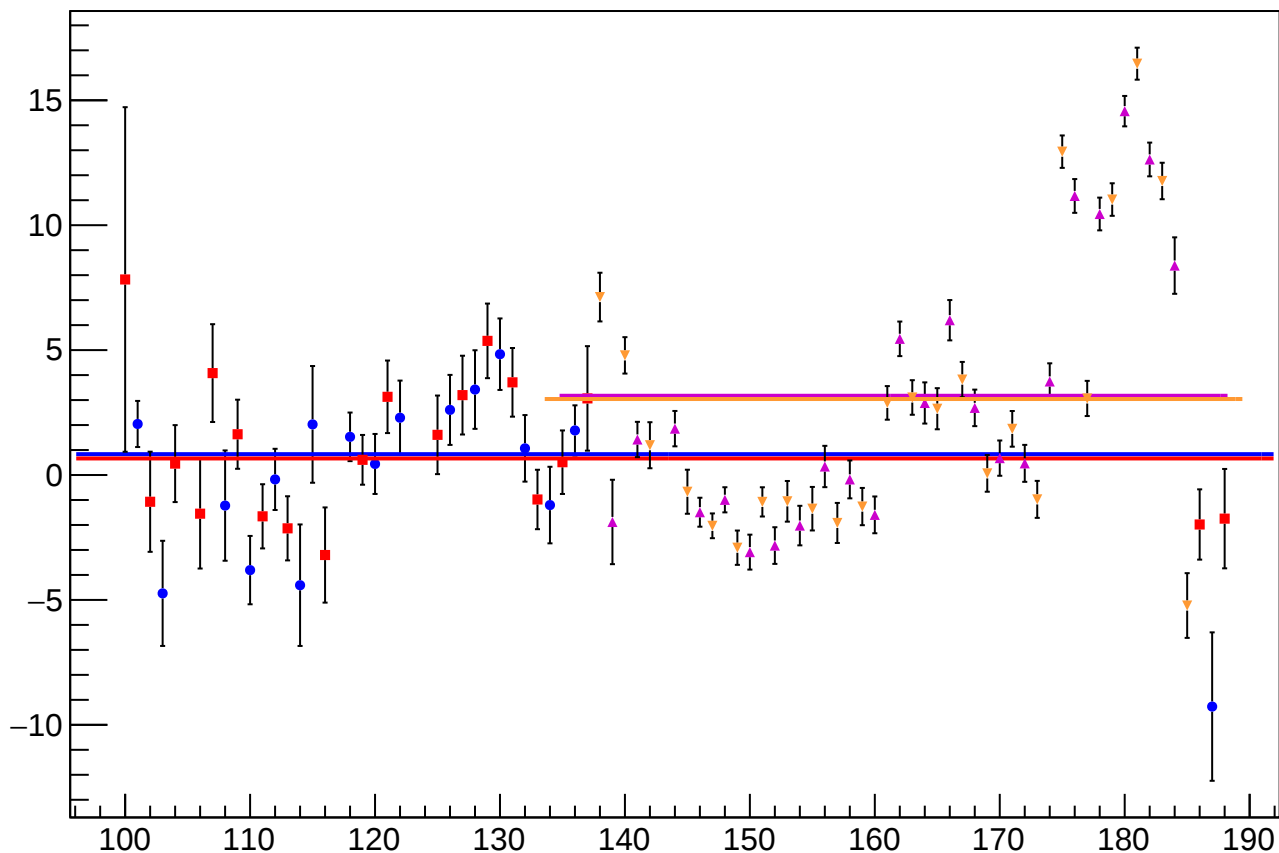
Left In: -11.014 ± 0.187 $\chi^2/\text{NDF}: 2116.6/22$

+ sign -11.251 ± 0.186 $\chi^2/\text{NDF}: 3712.5/24$

All: -9.938 ± 0.130 $\chi^2/\text{NDF}: 9278.5/49$

- sign -8.672 ± 0.183 $\chi^2/\text{NDF}: 5468.0/24$

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: 0.663 ± 0.338 χ^2/NDF : 47.4/19

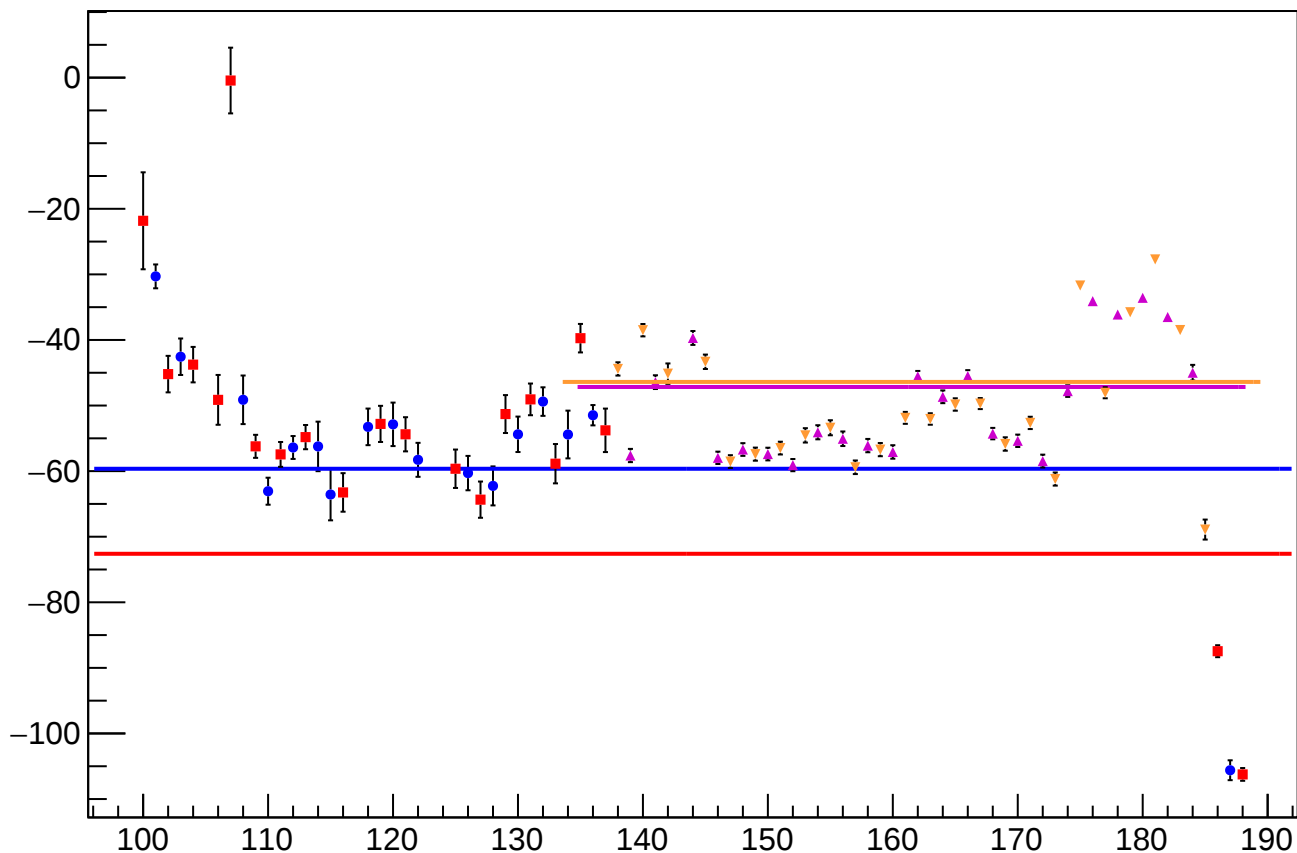
Left In: 3.172 ± 0.150 χ^2/NDF : 1297.9/22

+ sign 2.684 ± 0.135 χ^2/NDF : 1543.4/40

All: 2.722 ± 0.096 χ^2/NDF : 2935.0/83

- sign 2.761 ± 0.137 χ^2/NDF : 1391.4/42

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -59.640 ± 0.567 $\chi^2/\text{NDF}: 1299.8/16$

Left Out: -46.398 ± 0.187 $\chi^2/\text{NDF}: 3289.4/23$

Right Out: -72.604 ± 0.452 $\chi^2/\text{NDF}: 2779.0/19$

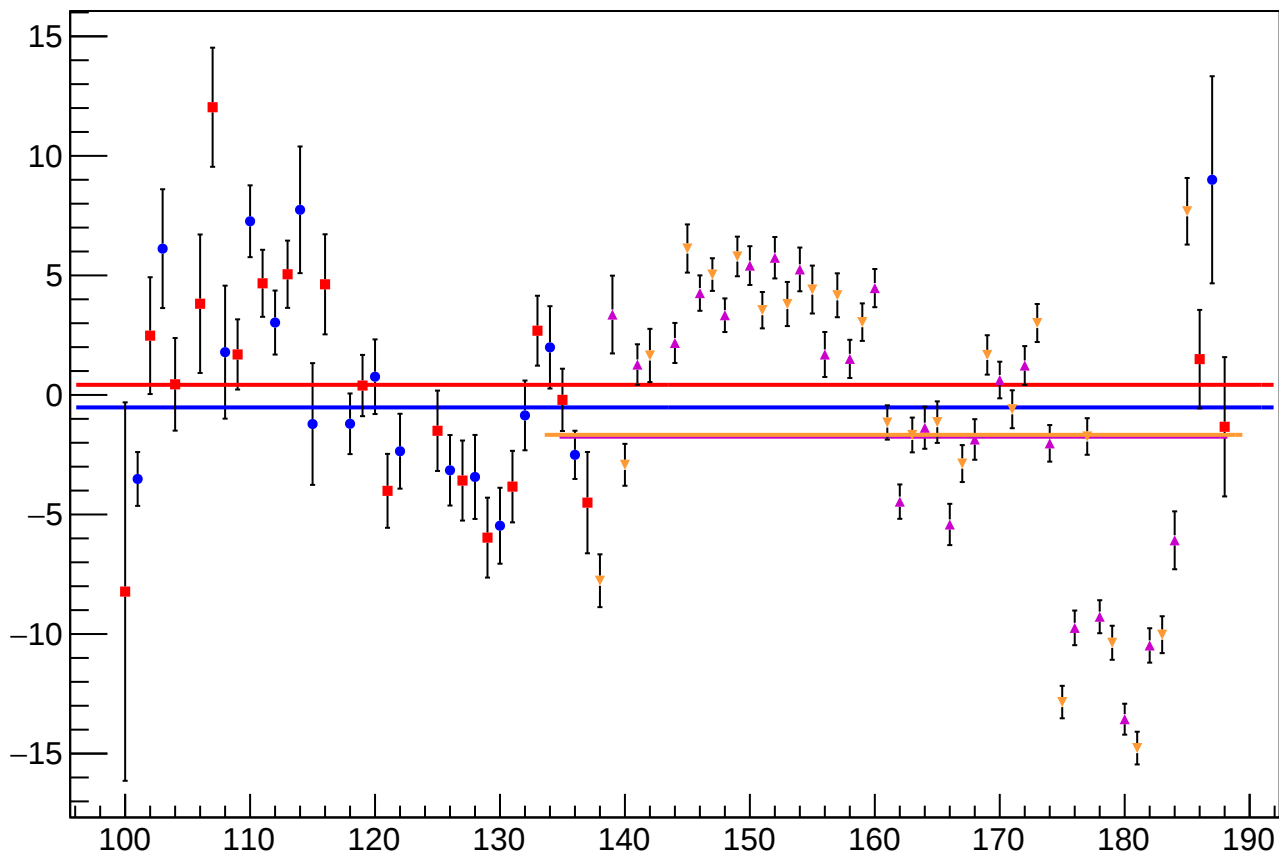
Left In: -47.170 ± 0.186 $\chi^2/\text{NDF}: 2526.3/22$

+ sign -47.689 ± 0.177 $\chi^2/\text{NDF}: 5080.8/40$

All: -49.324 ± 0.124 $\chi^2/\text{NDF}: 13259.1/83$

- sign -50.871 ± 0.172 $\chi^2/\text{NDF}: 8012.7/42$

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: 0.423 ± 0.389 χ^2/NDF : 96.4/19

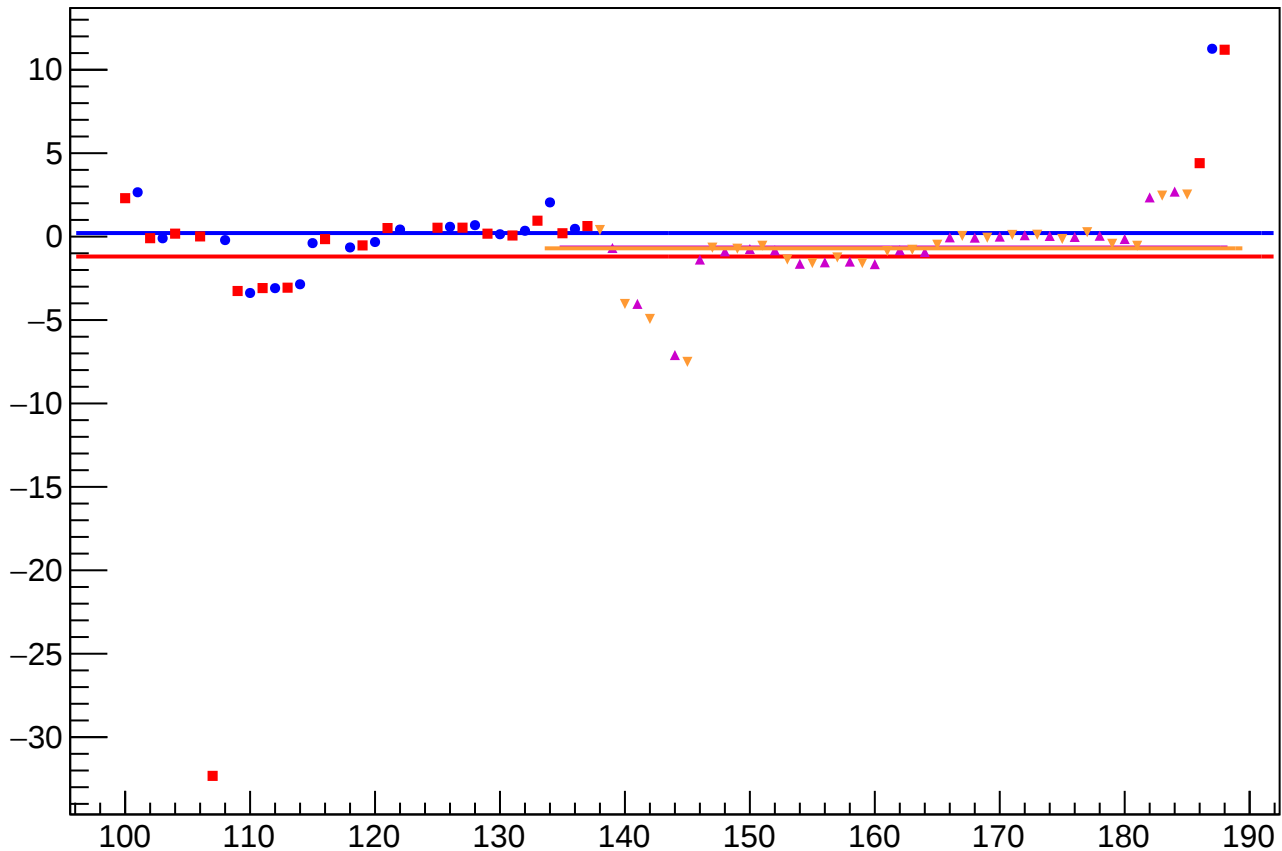
Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

+ sign -1.485 ± 0.153 χ^2/NDF : 1574.3/40

All: -1.444 ± 0.109 χ^2/NDF : 2951.2/83

- sign -1.403 ± 0.155 χ^2/NDF : 1376.7/42

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: -1.193 ± 0.021 χ^2/NDF : 87896.8/19

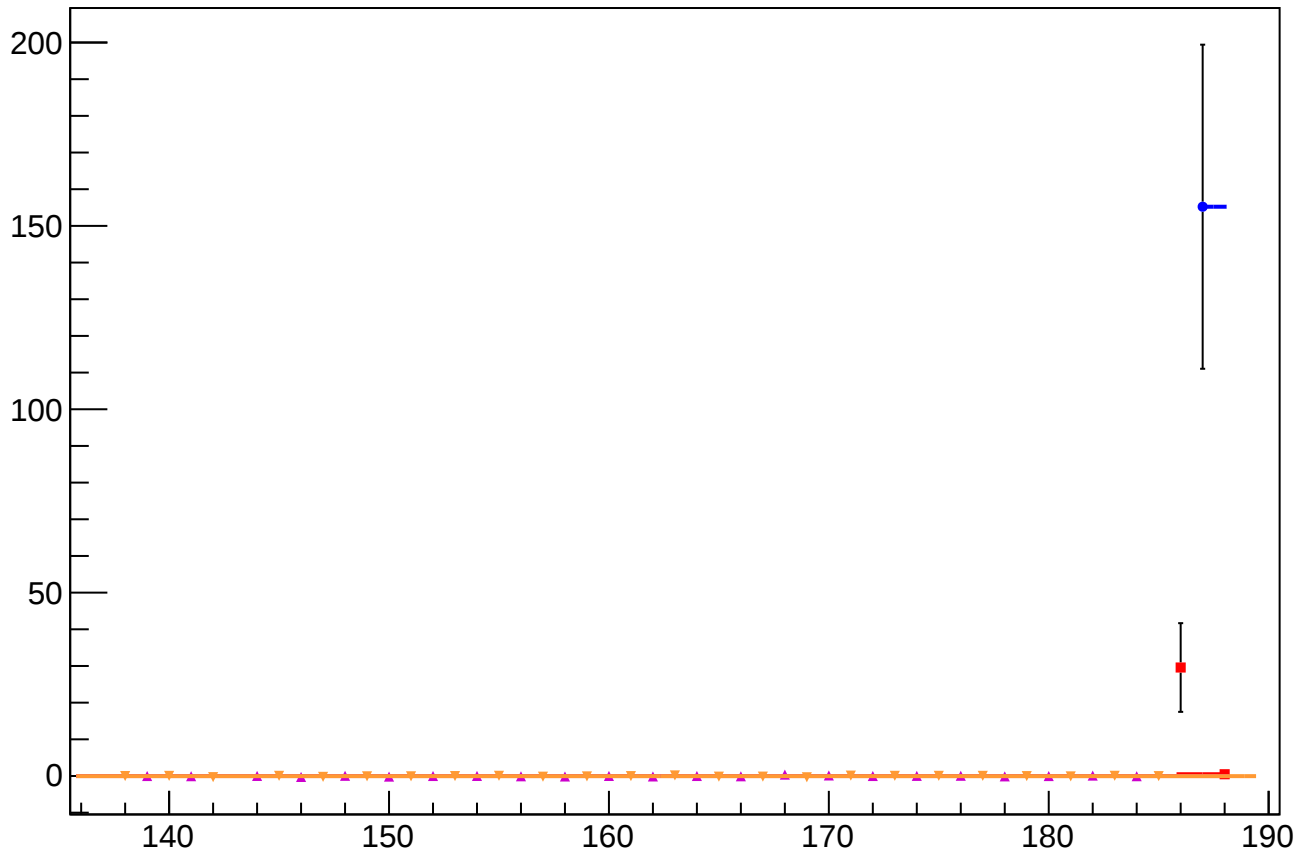
Left In: -0.651 ± 0.008 χ^2/NDF : 44167.1/22

+ sign -0.599 ± 0.007 χ^2/NDF : 62701.7/40

All: -0.656 ± 0.005 χ^2/NDF : 195464.5/83

- sign -0.713 ± 0.007 χ^2/NDF : 132637.1/42

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 155.225+/-44.188 χ^2/NDF : 0.0/0

Left Out: -0.038+/-0.018 χ^2/NDF : 35.6/23

Right Out: 0.483+/-0.128 χ^2/NDF : 5.8/1

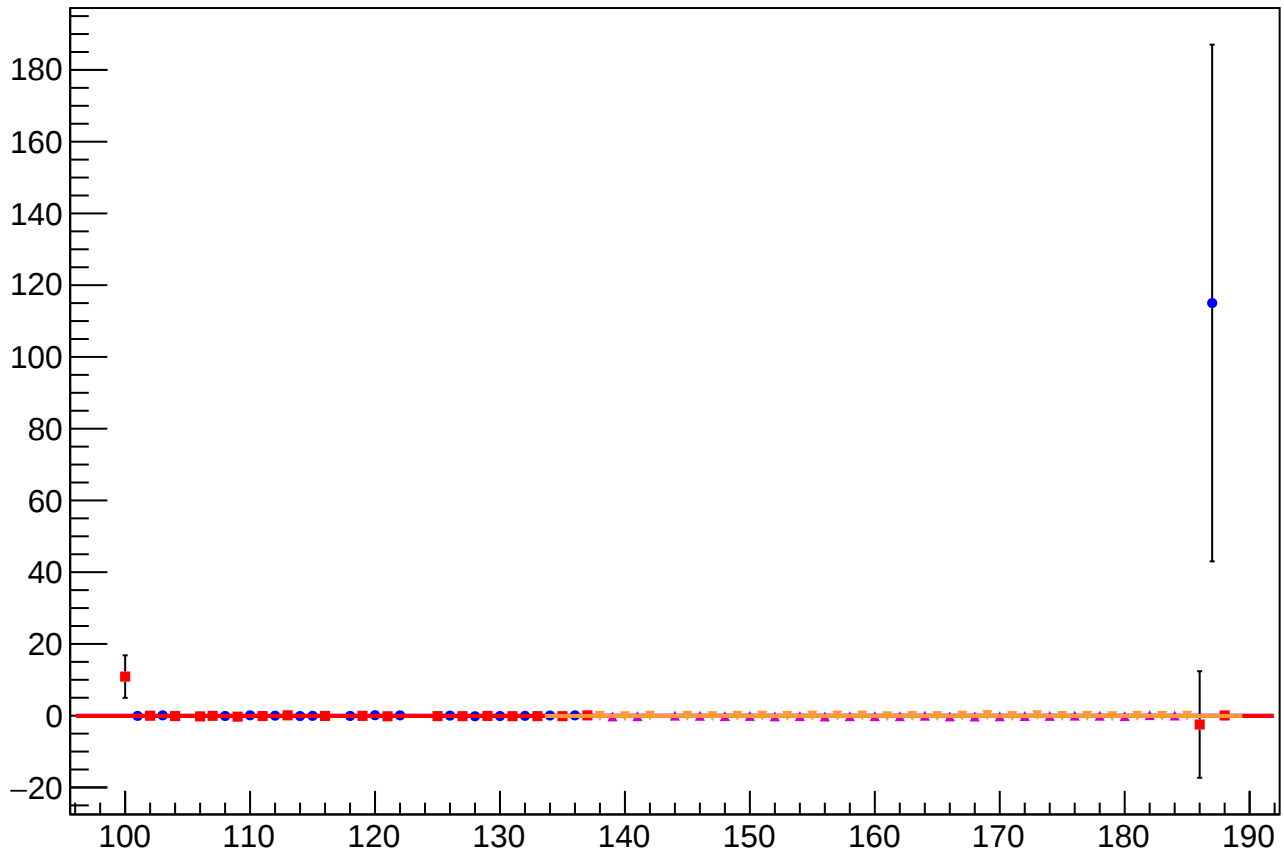
Left In: -0.009+/-0.018 χ^2/NDF : 35.3/22

+ sign -0.038+/-0.018 χ^2/NDF : 47.9/24

All: -0.019+/-0.013 χ^2/NDF : 105.9/49

- sign 0.001+/-0.018 χ^2/NDF : 55.6/24

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 χ^2 /NDF: 27.8/23

Right Out: -0.090+/-0.025 χ^2 /NDF: 13.3/19

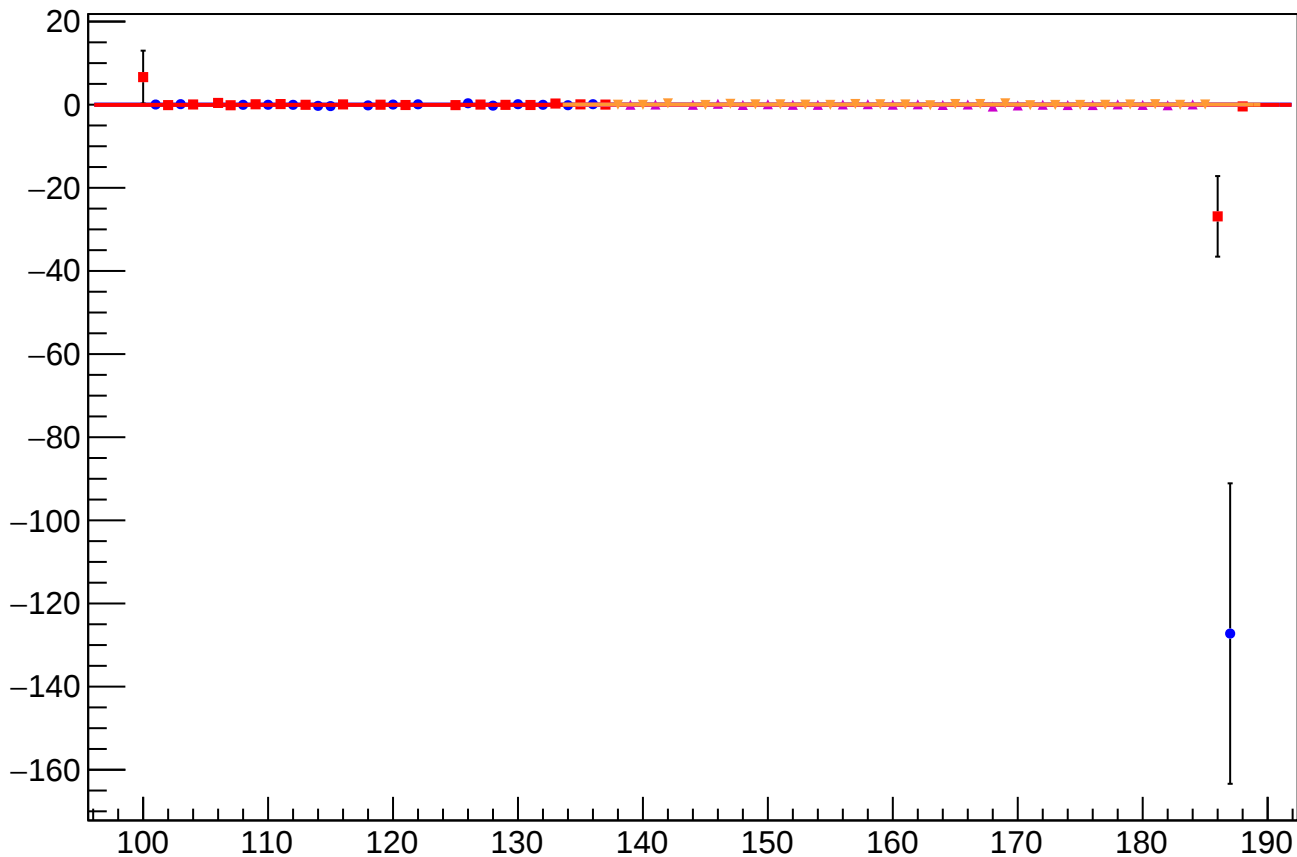
Left In: -0.065+/-0.014 χ^2 /NDF: 40.4/22

+ sign -0.057+/-0.012 χ^2 /NDF: 47.5/40

All: -0.064+/-0.009 χ^2 /NDF: 102.6/83

- sign -0.072+/-0.012 χ^2 /NDF: 54.3/42

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 $\chi^2/\text{NDF}: 22.0/16$

Left Out: 0.036 ± 0.018 $\chi^2/\text{NDF}: 32.4/23$

Right Out: -0.042 ± 0.041 $\chi^2/\text{NDF}: 32.7/19$

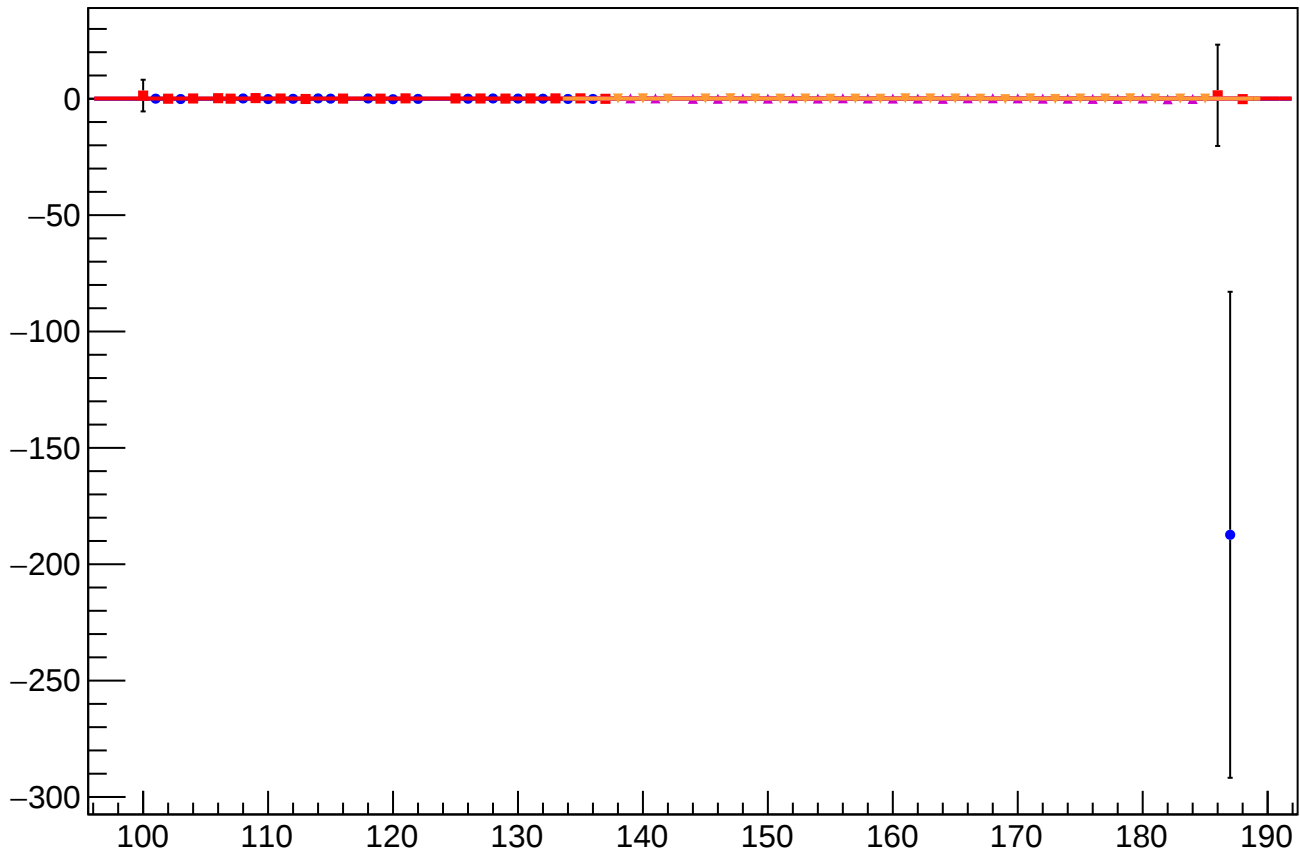
Left In: -0.010 ± 0.018 $\chi^2/\text{NDF}: 37.1/22$

+ sign 0.033 ± 0.017 $\chi^2/\text{NDF}: 54.6/40$

All: 0.009 ± 0.012 $\chi^2/\text{NDF}: 129.1/83$

- sign -0.015 ± 0.016 $\chi^2/\text{NDF}: 70.2/42$

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: 0.108 $\pm$ 0.029 χ^2 /NDF: 8.7/19

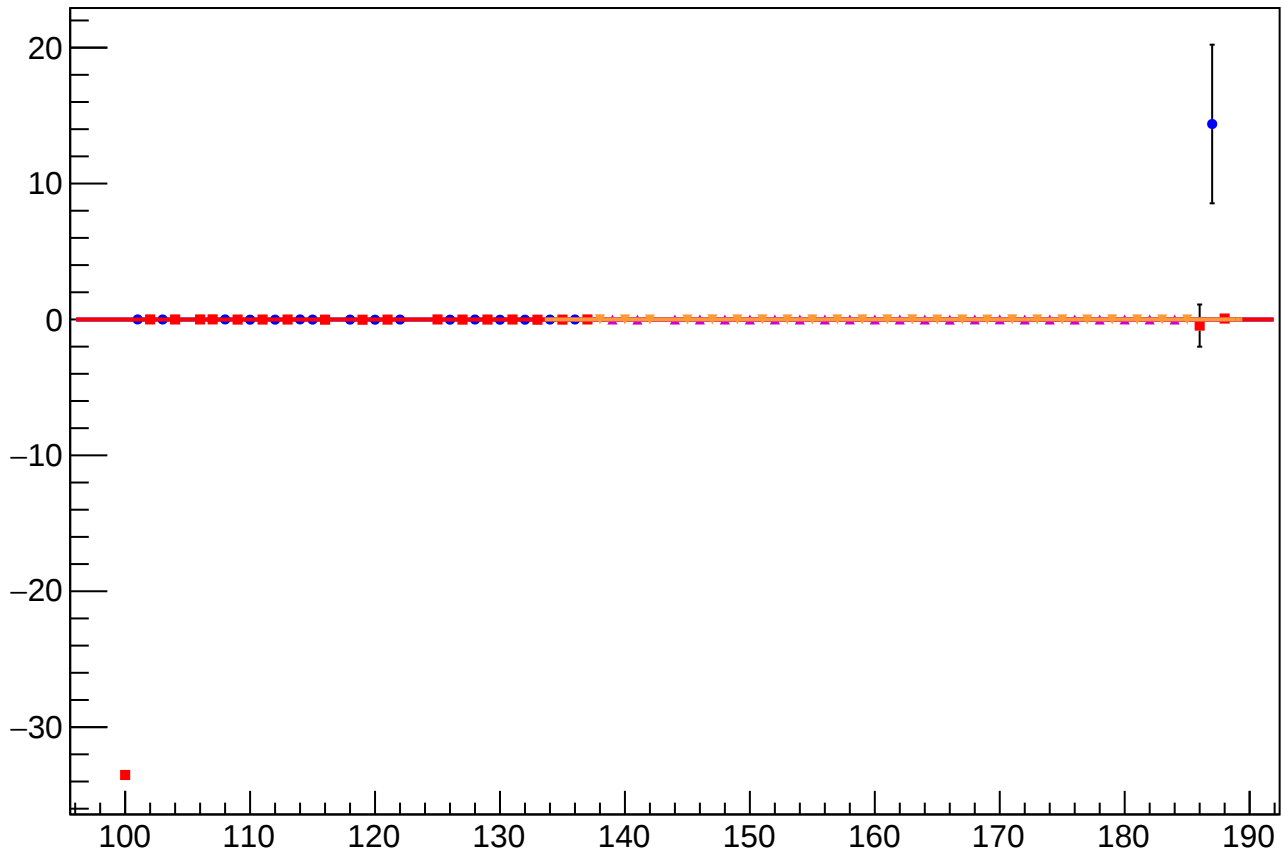
Left In: 0.071 $\pm$ 0.016 χ^2 /NDF: 44.0/22

+ sign 0.065 $\pm$ 0.014 χ^2 /NDF: 49.5/40

All: 0.073 $\pm$ 0.010 χ^2 /NDF: 103.9/83

- sign 0.080 $\pm$ 0.014 χ^2 /NDF: 53.9/42

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: -0.005 ± 0.001 χ^2/NDF : 26532.8/19

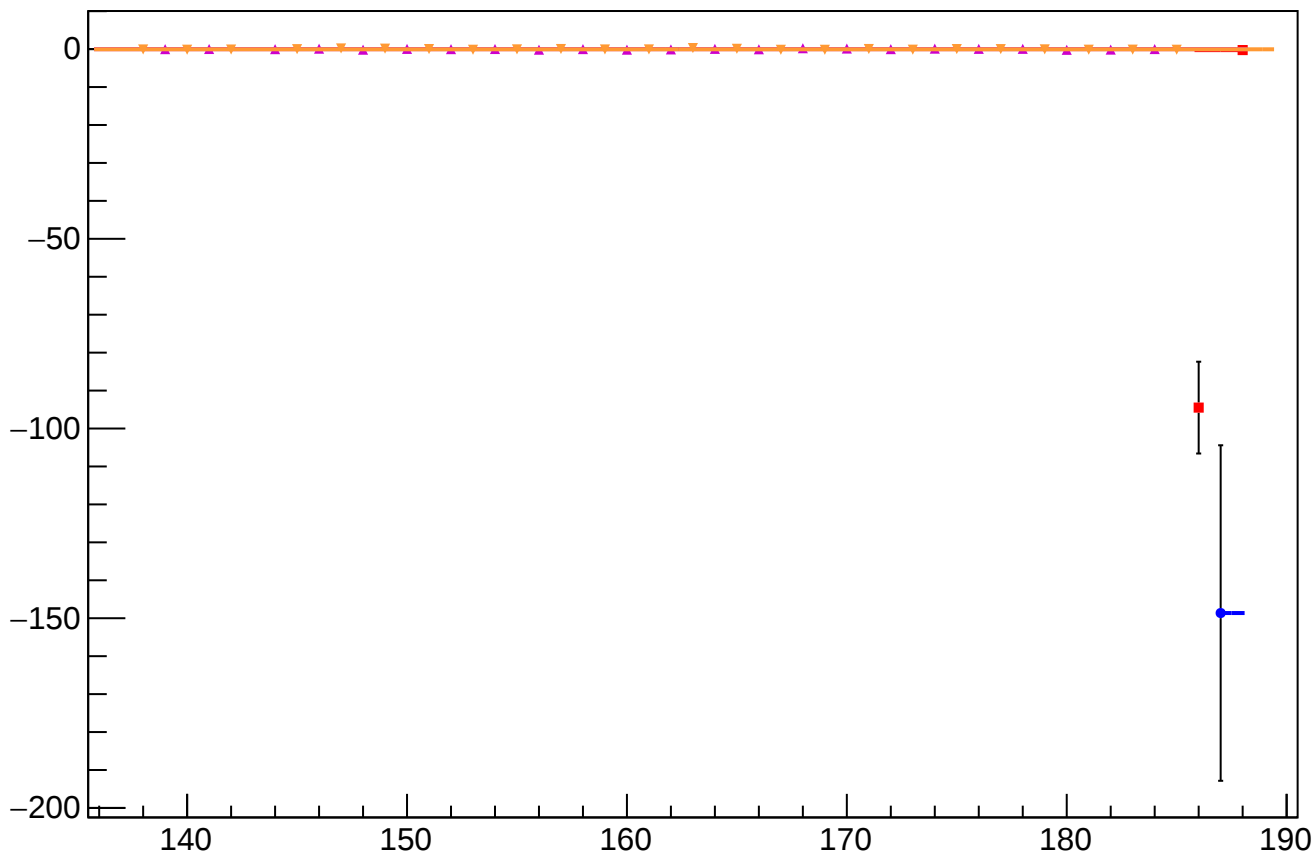
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ sign -0.001 ± 0.001 χ^2/NDF : 65.6/40

All: -0.001 ± 0.000 χ^2/NDF : 26631.8/83

- sign -0.001 ± 0.001 χ^2/NDF : 26566.2/42

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: -0.267+/-0.128 χ^2/NDF : 60.7/1

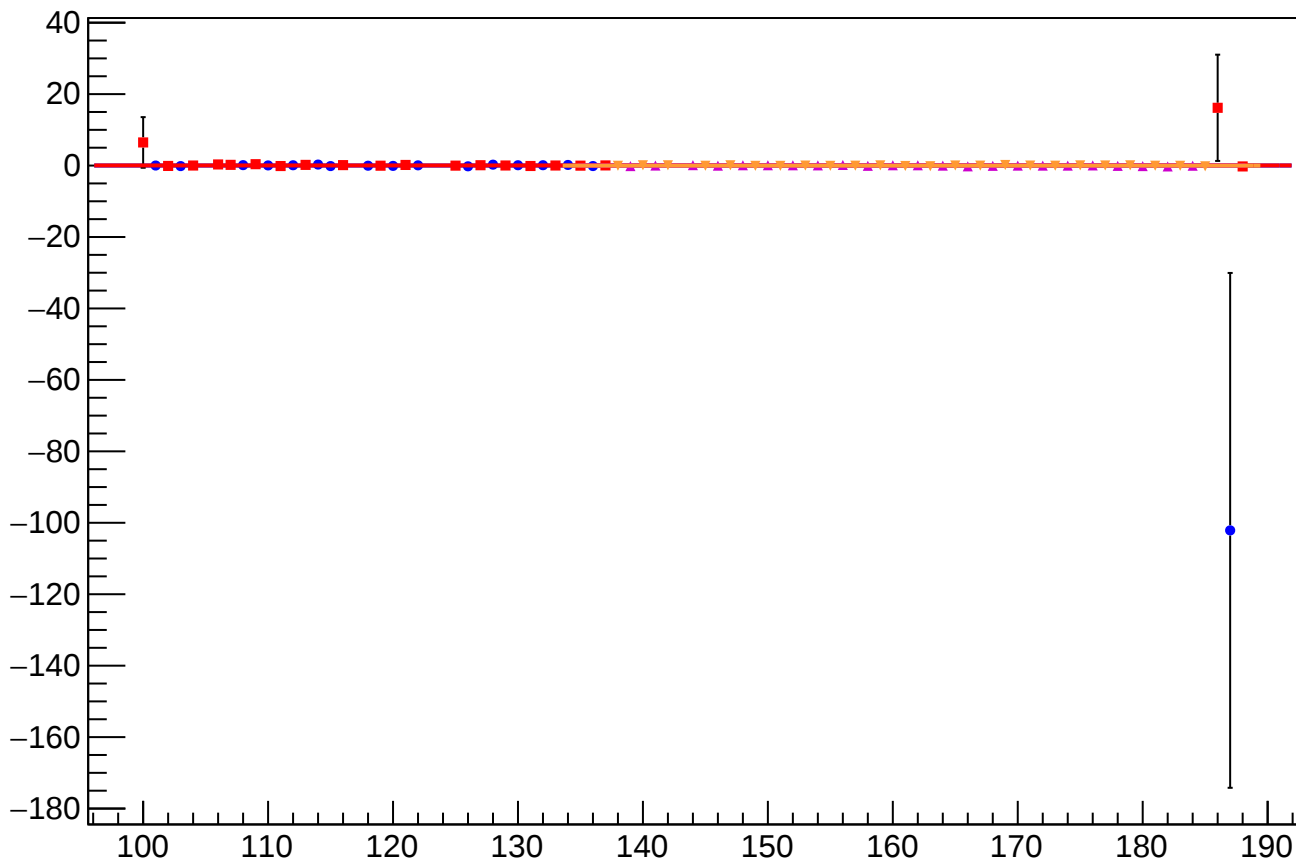
Left In: -0.010+/-0.018 χ^2/NDF : 33.3/22

+ sign -0.052+/-0.018 χ^2/NDF : 48.6/24

All: -0.033+/-0.013 χ^2/NDF : 148.6/49

- sign -0.015+/-0.018 χ^2/NDF : 97.9/24

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 27.4/16

Left Out: -0.010 ± 0.014 χ^2/NDF : 29.5/23

Right Out: 0.036 ± 0.025 χ^2/NDF : 30.9/19

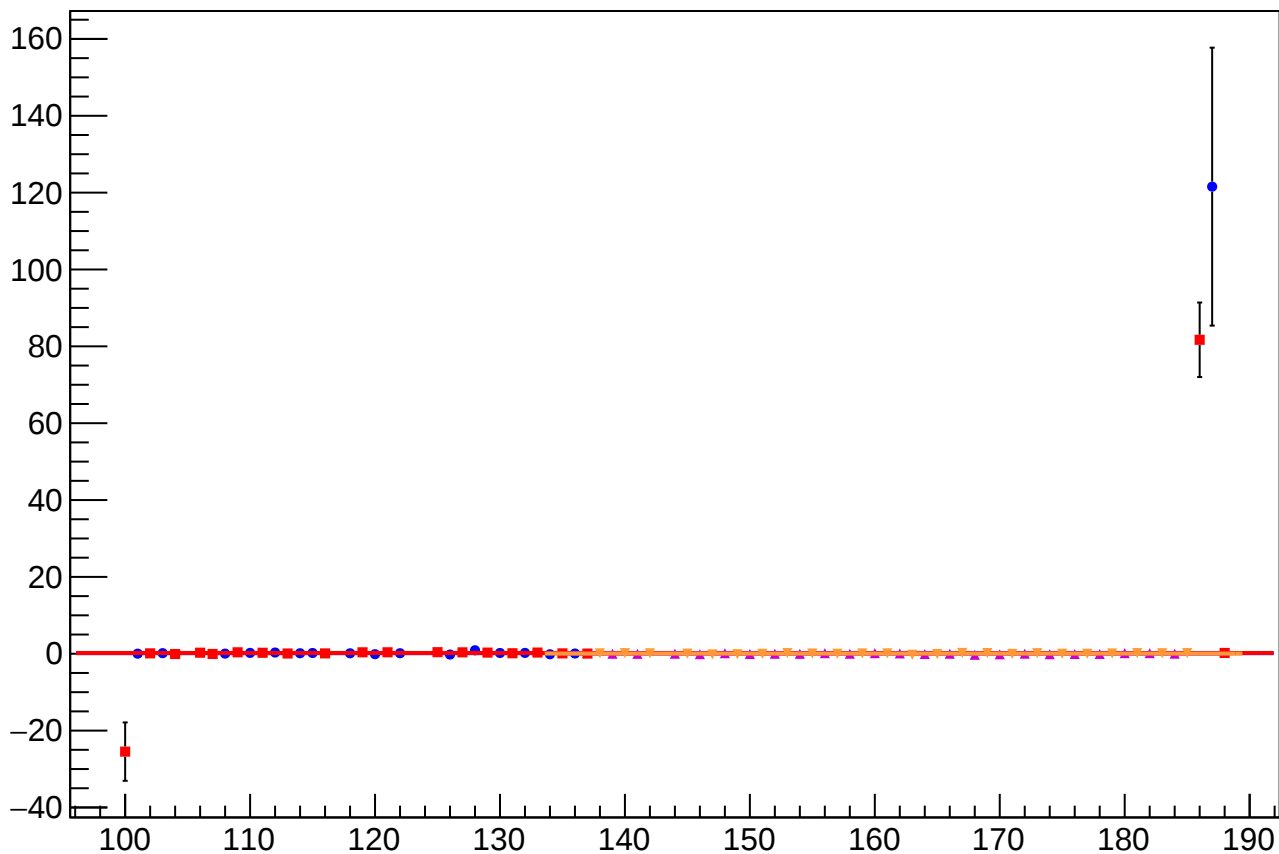
Left In: 0.004 ± 0.014 χ^2/NDF : 50.3/22

+ sign -0.005 ± 0.012 χ^2/NDF : 57.5/40

All: 0.003 ± 0.009 χ^2/NDF : 140.9/83

- sign 0.012 ± 0.012 χ^2/NDF : 82.5/42

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: 0.204 $\pm$ 0.041 χ^2 /NDF: 93.5/19

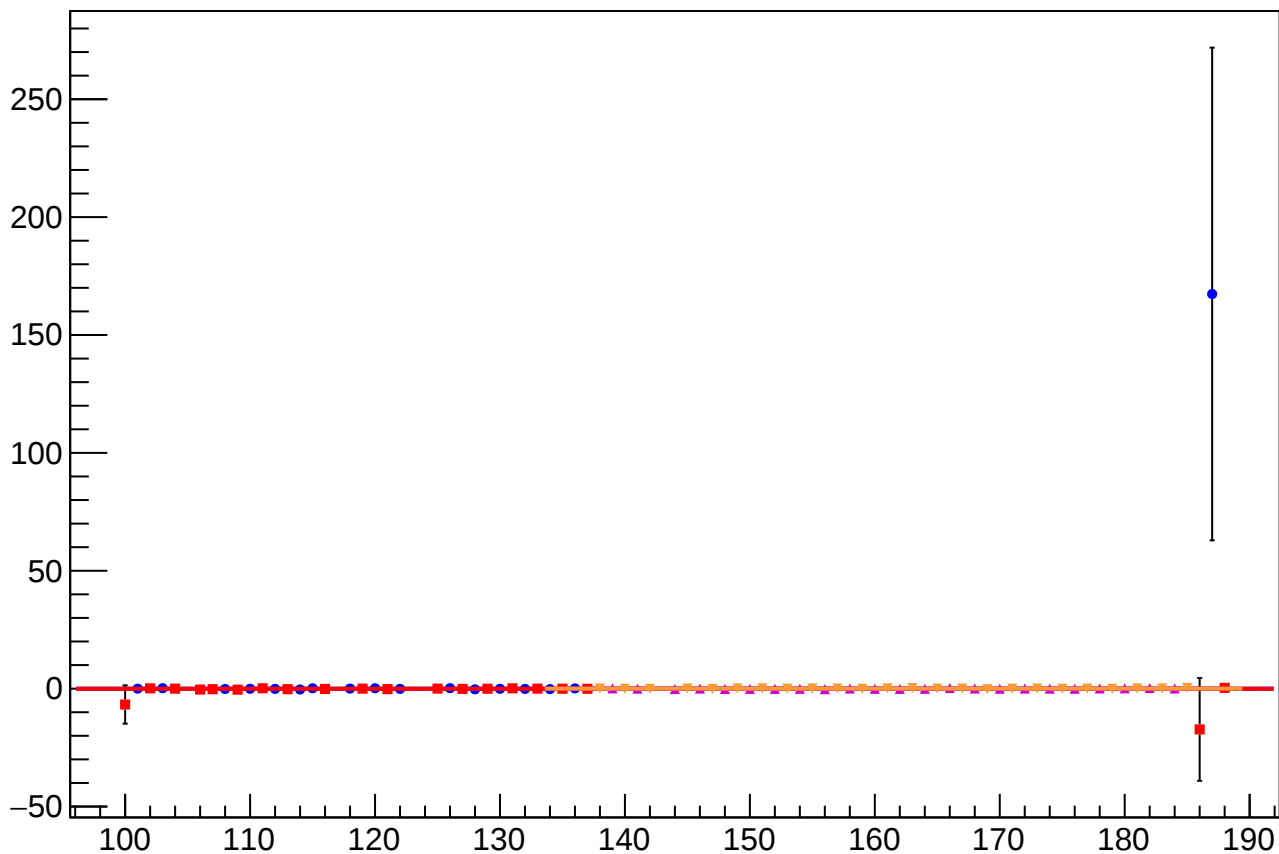
Left In: 0.021 $\pm$ 0.018 χ^2 /NDF:34.0/22

+ sign 0.063 $\pm$ 0.017 χ^2 /NDF: 80.4/40

All: 0.057 $\pm$ 0.012 χ^2 /NDF: 224.7/83

- sign 0.050 $\pm$ 0.017 χ^2 /NDF: 143.9/42

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 27.7/16

Left Out: 0.021 ± 0.016 χ^2/NDF : 33.2/23

Right Out: -0.046 ± 0.028 χ^2/NDF : 28.0/19

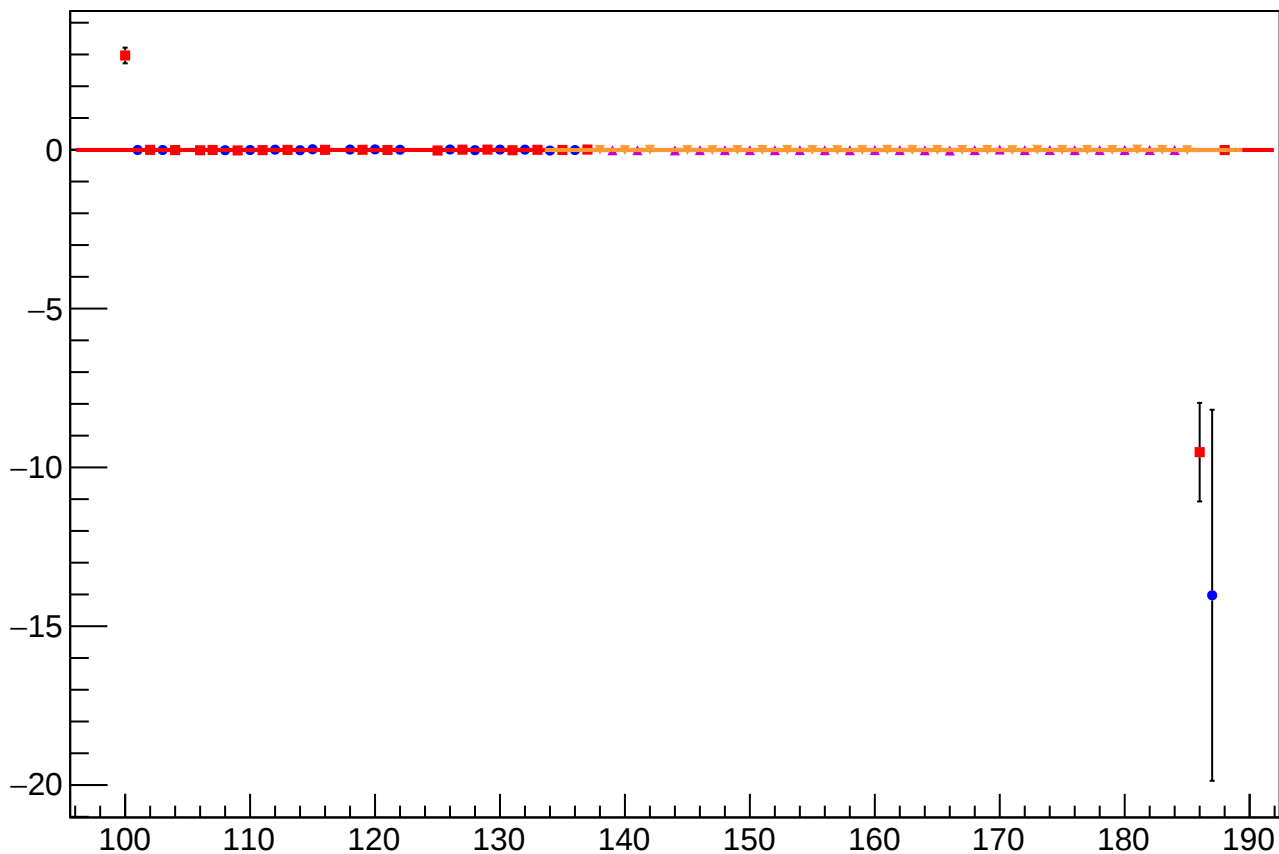
Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

+ sign 0.012 ± 0.014 χ^2/NDF : 62.1/40

All: 0.003 ± 0.010 χ^2/NDF : 144.3/83

- sign -0.006 ± 0.014 χ^2/NDF : 81.3/42

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 : 203.5/19

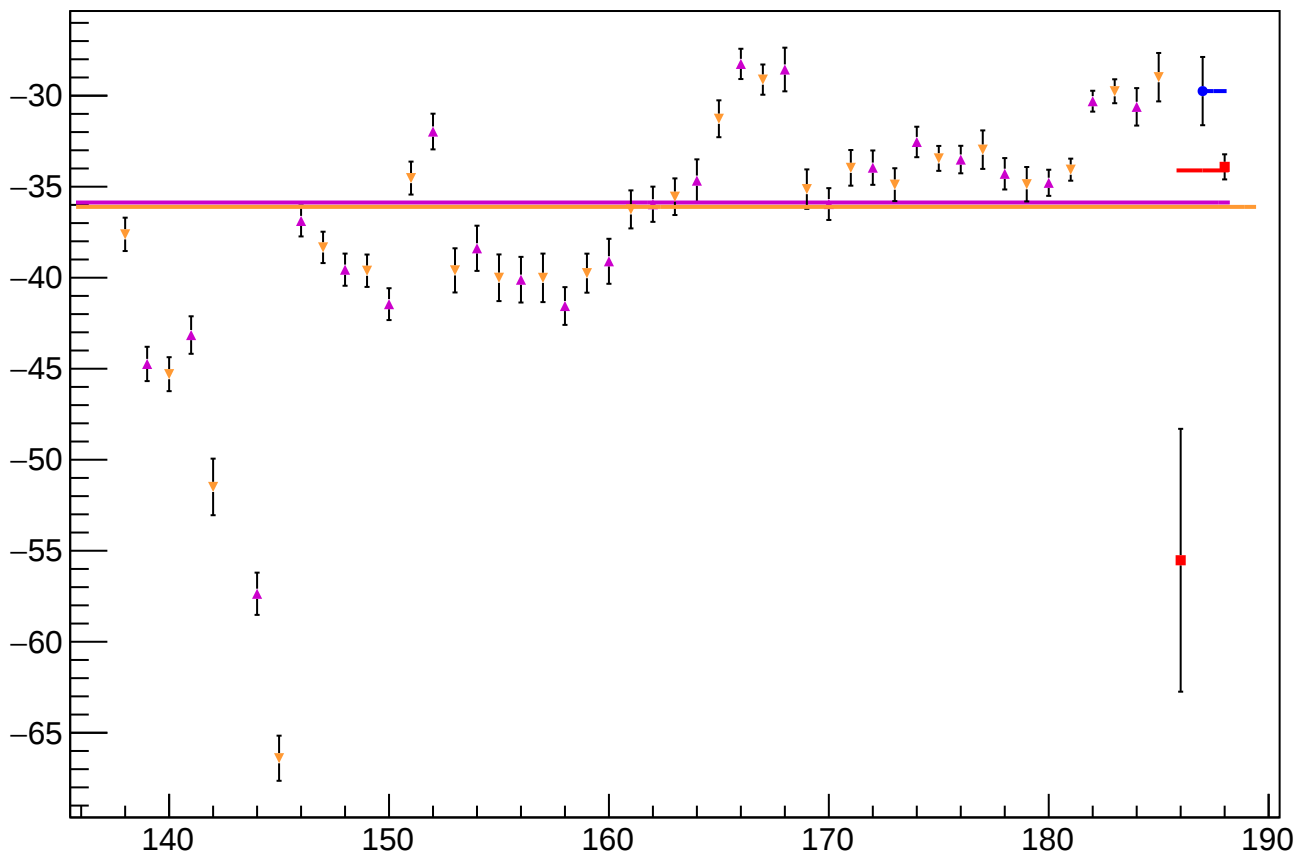
Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

+ sign -0.008 ± 0.001 χ^2/NDF : 68.5/40

All: -0.008 ± 0.000 χ^2/NDF : 314.2/83

- sign -0.008 ± 0.001 χ^2/NDF : 245.5/42

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: -34.106 ± 0.687 χ^2/NDF : 8.9/1

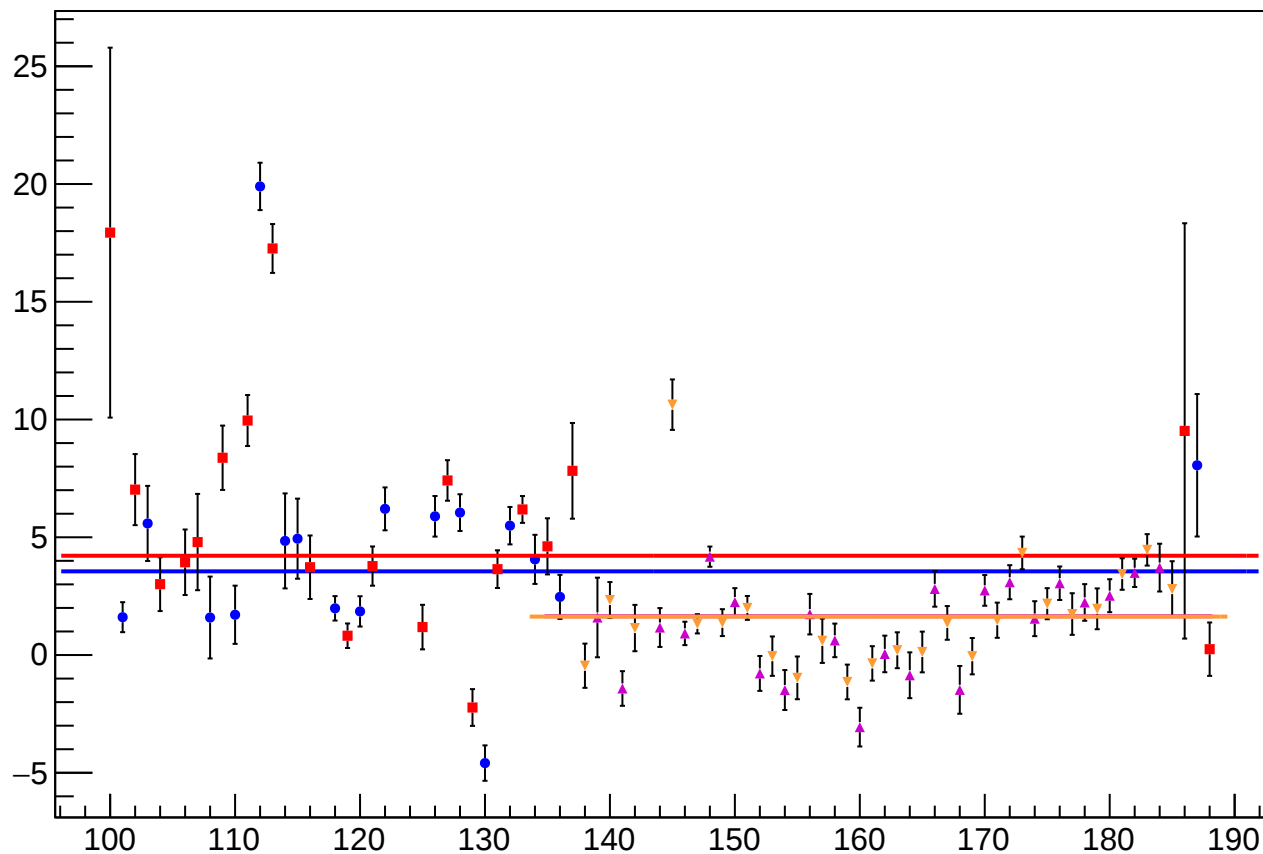
Left In: -35.869 ± 0.191 χ^2/NDF : 887.1/22

+ sign -36.044 ± 0.191 χ^2/NDF : 1129.8/24

All: -35.888 ± 0.132 χ^2/NDF : 2033.2/49

- sign -35.743 ± 0.184 χ^2/NDF : 902.1/24

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.553 ± 0.217 χ^2/NDF : 448.8/16

Left Out: 1.632 ± 0.148 χ^2/NDF : 166.7/23

Right Out: 4.216 ± 0.221 χ^2/NDF : 366.9/19

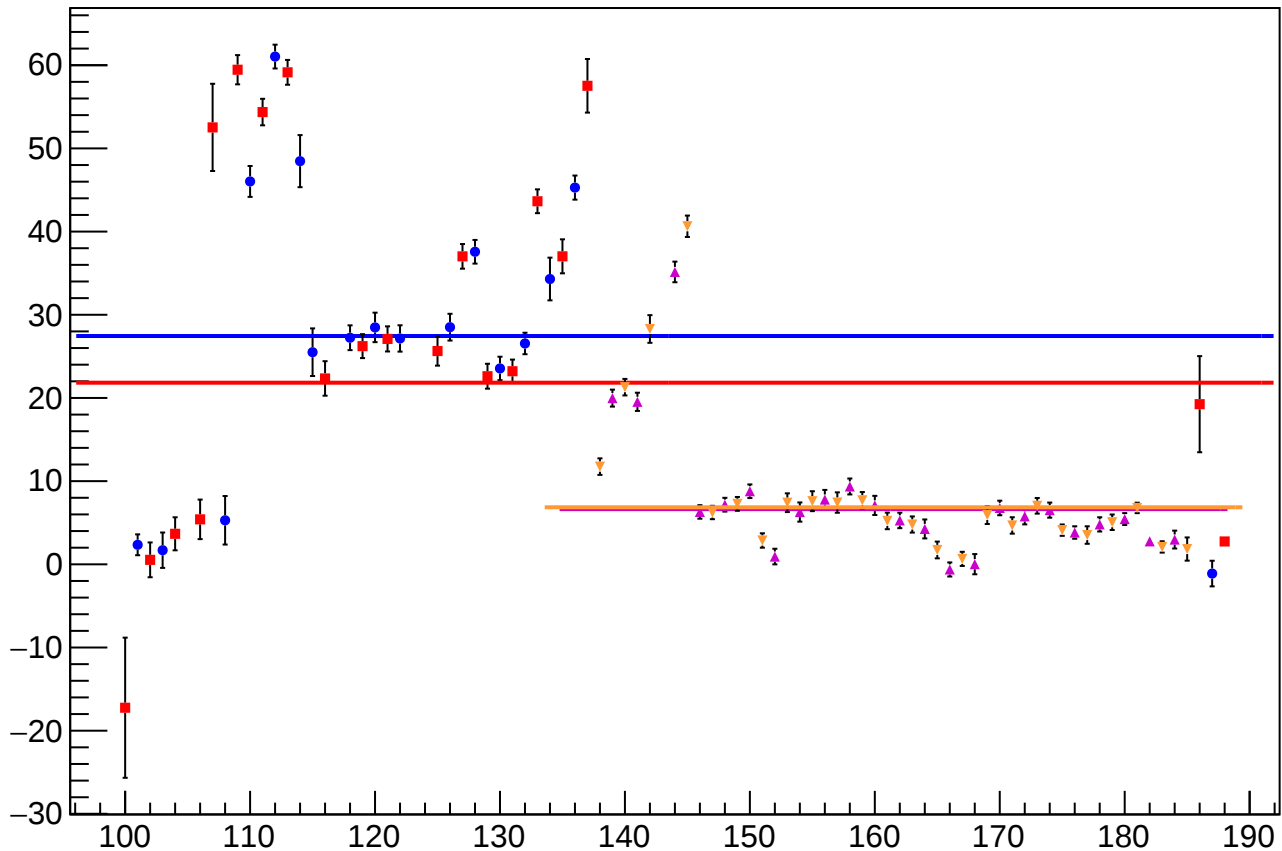
Left In: 1.646 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.241 ± 0.122 χ^2/NDF : 669.1/40

All: 2.344 ± 0.087 χ^2/NDF : 1294.5/83

- sign 2.450 ± 0.124 χ^2/NDF : 623.9/42

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 27.446 ± 0.402 χ^2/NDF : 1863.5/16

Left Out: 6.855 ± 0.191 χ^2/NDF : 1298.7/23

Right Out: 21.835 ± 0.336 χ^2/NDF : 3504.6/19

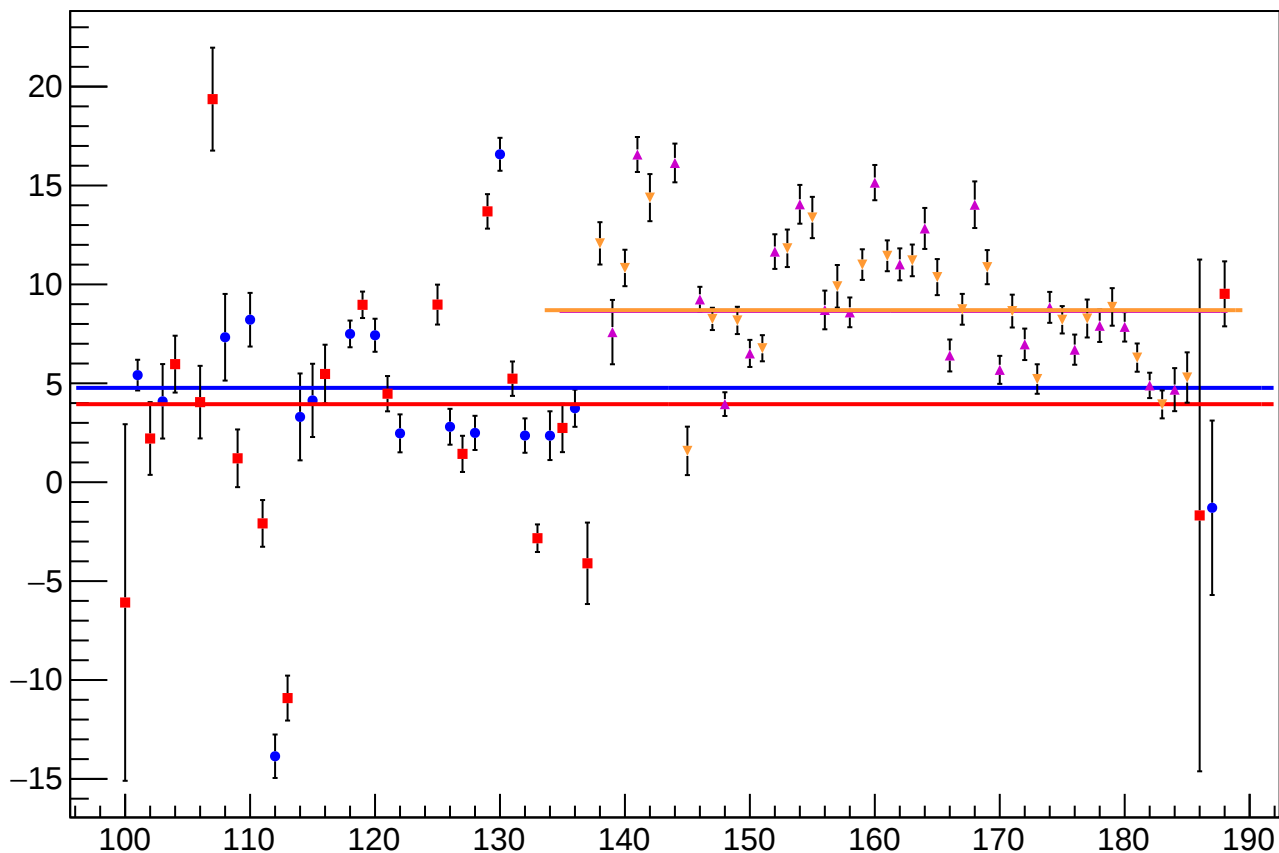
Left In: 6.639 ± 0.190 χ^2/NDF : 1077.2/22

+ sign 10.654 ± 0.173 χ^2/NDF : 5298.4/40

All: 10.473 ± 0.119 χ^2/NDF : 11430.3/83

- sign 10.307 ± 0.165 χ^2/NDF : 6129.8/42

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.769 ± 0.251 $\chi^2/\text{NDF}: 555.8/16$

Left Out: 8.697 ± 0.169 $\chi^2/\text{NDF}: 241.1/23$

Right Out: 3.945 ± 0.256 $\chi^2/\text{NDF}: 579.6/19$

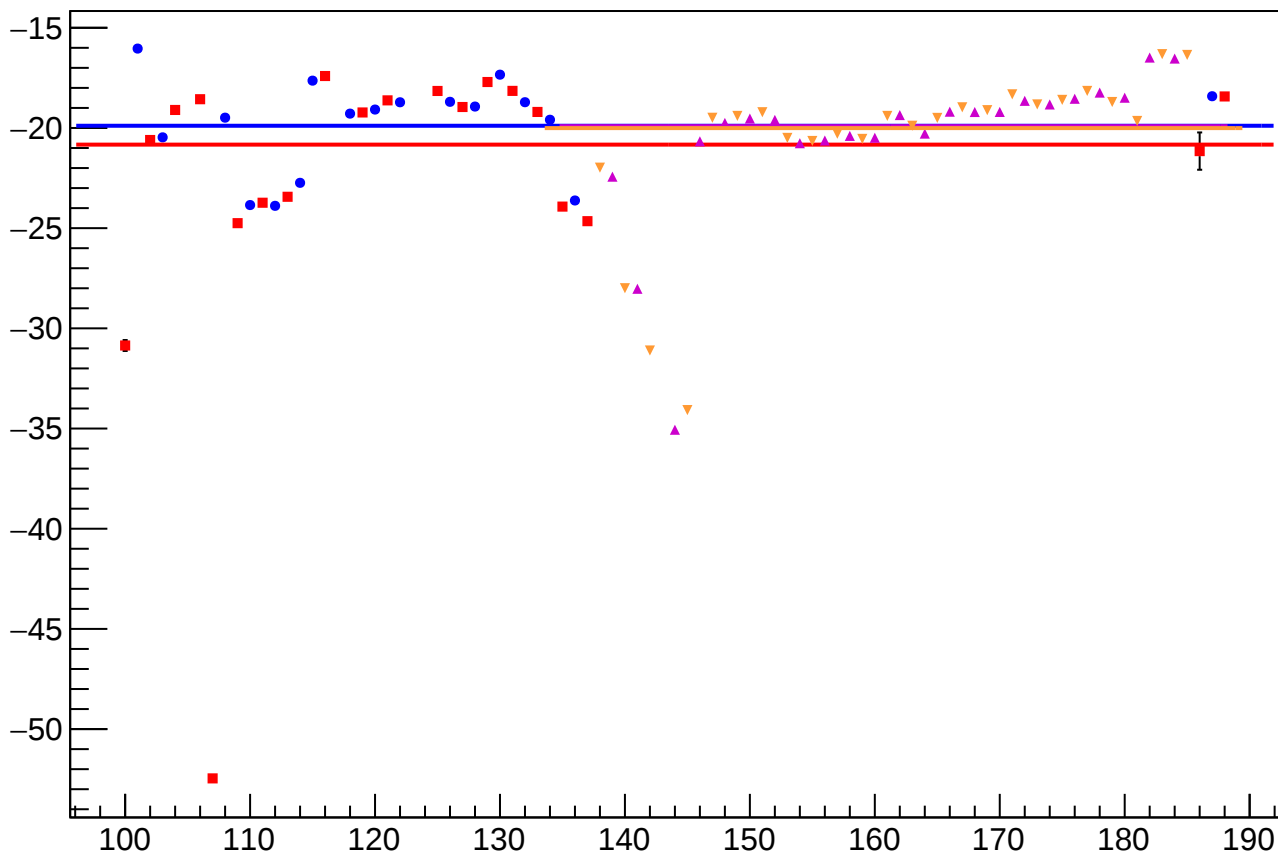
Left In: 8.659 ± 0.170 $\chi^2/\text{NDF}: 438.0/22$

+ sign 7.471 ± 0.140 $\chi^2/\text{NDF}: 965.6/40$

All: 7.345 ± 0.100 $\chi^2/\text{NDF}: 2220.9/83$

- sign 7.217 ± 0.141 $\chi^2/\text{NDF}: 1253.6/42$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.889 ± 0.016 $\chi^2/\text{NDF}: 26109.0/16$

Left Out: -20.007 ± 0.008 $\chi^2/\text{NDF}: 171647.2/23$

Right Out: -20.831 ± 0.015 $\chi^2/\text{NDF}: 95159.2/19$

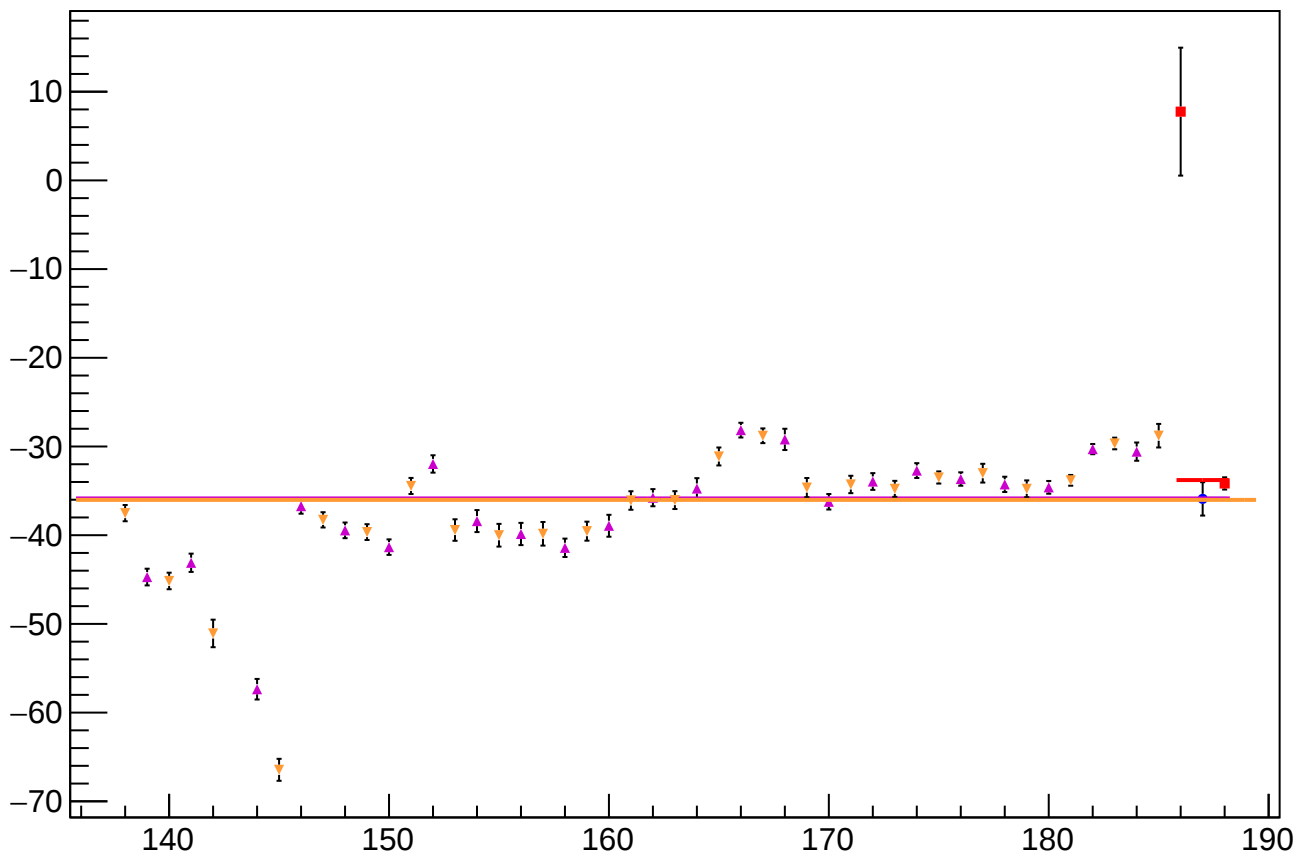
Left In: -19.912 ± 0.008 $\chi^2/\text{NDF}: 145487.3/22$

+ sign -19.983 ± 0.007 $\chi^2/\text{NDF}: 197801.6/40$

All: -20.042 ± 0.005 $\chi^2/\text{NDF}: 441431.7/83$

- sign -20.101 ± 0.007 $\chi^2/\text{NDF}: 243487.6/42$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -35.906 ± 1.881 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -36.019 ± 0.192 $\chi^2/\text{NDF}: 1125.4/23$

Right Out: -33.784 ± 0.687 $\chi^2/\text{NDF}: 33.5/1$

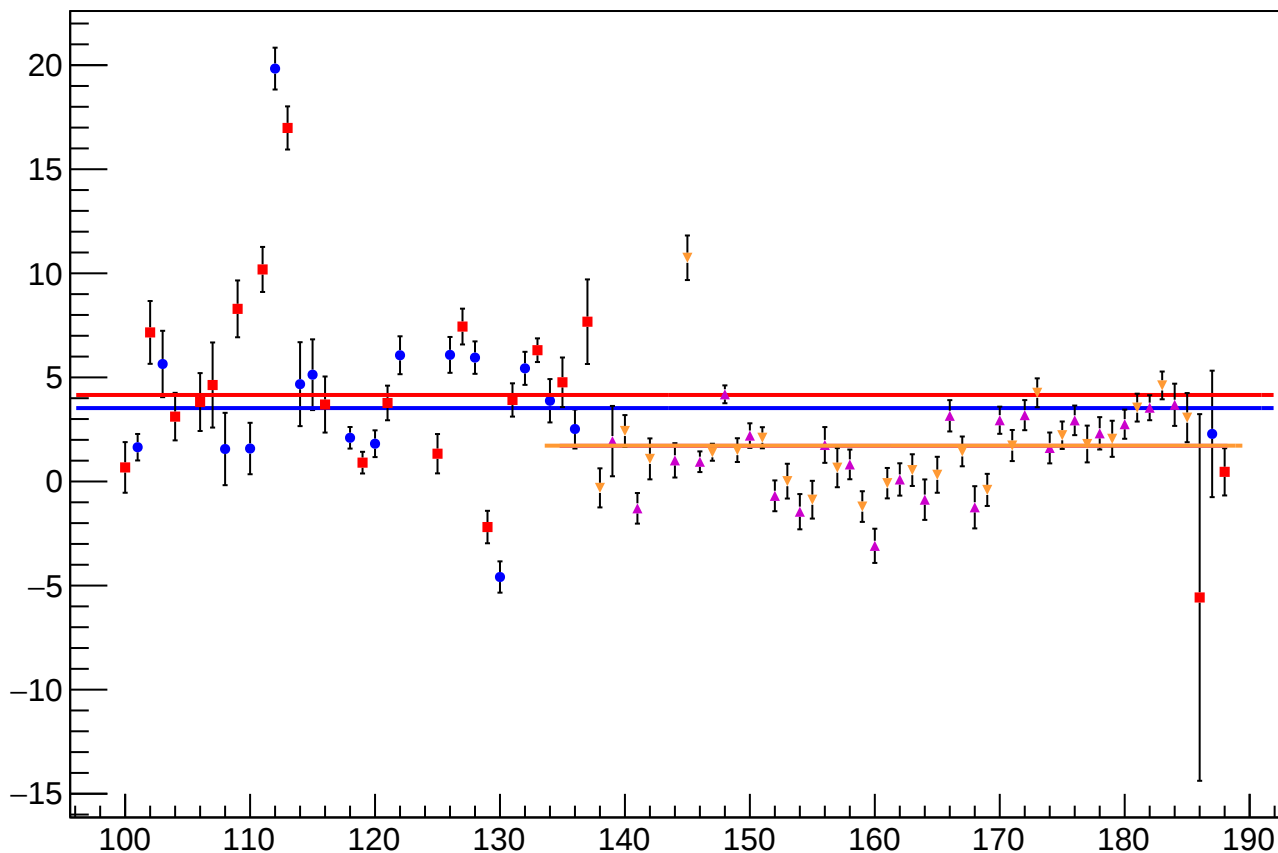
Left In: -35.856 ± 0.191 $\chi^2/\text{NDF}: 875.9/22$

+ sign -36.018 ± 0.191 $\chi^2/\text{NDF}: 1125.4/24$

All: -35.857 ± 0.132 $\chi^2/\text{NDF}: 2044.5/49$

- sign -35.708 ± 0.184 $\chi^2/\text{NDF}: 917.8/24$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.526 ± 0.217 $\chi^2/\text{NDF}: 443.4/16$

Left Out: 1.721 ± 0.148 $\chi^2/\text{NDF}: 168.3/23$

Right Out: 4.156 ± 0.217 $\chi^2/\text{NDF}: 365.0/19$

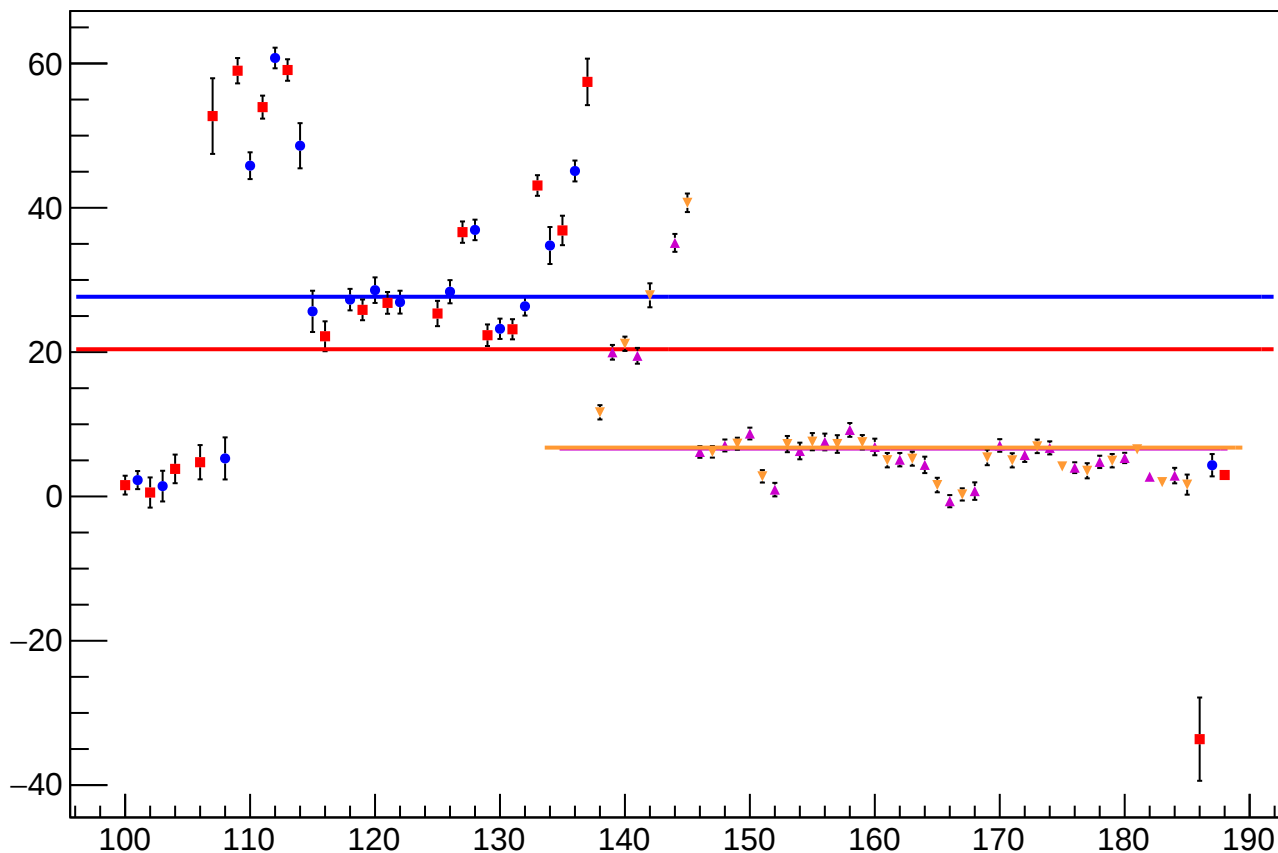
Left In: 1.712 ± 0.149 $\chi^2/\text{NDF}: 164.1/22$

+ sign 2.293 ± 0.122 $\chi^2/\text{NDF}: 659.1/40$

All: 2.393 ± 0.087 $\chi^2/\text{NDF}: 1275.6/83$

- sign 2.494 ± 0.123 $\chi^2/\text{NDF}: 615.1/42$

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: 20.399 $\pm$ 0.326 χ^2 /NDF: 3727.8/19

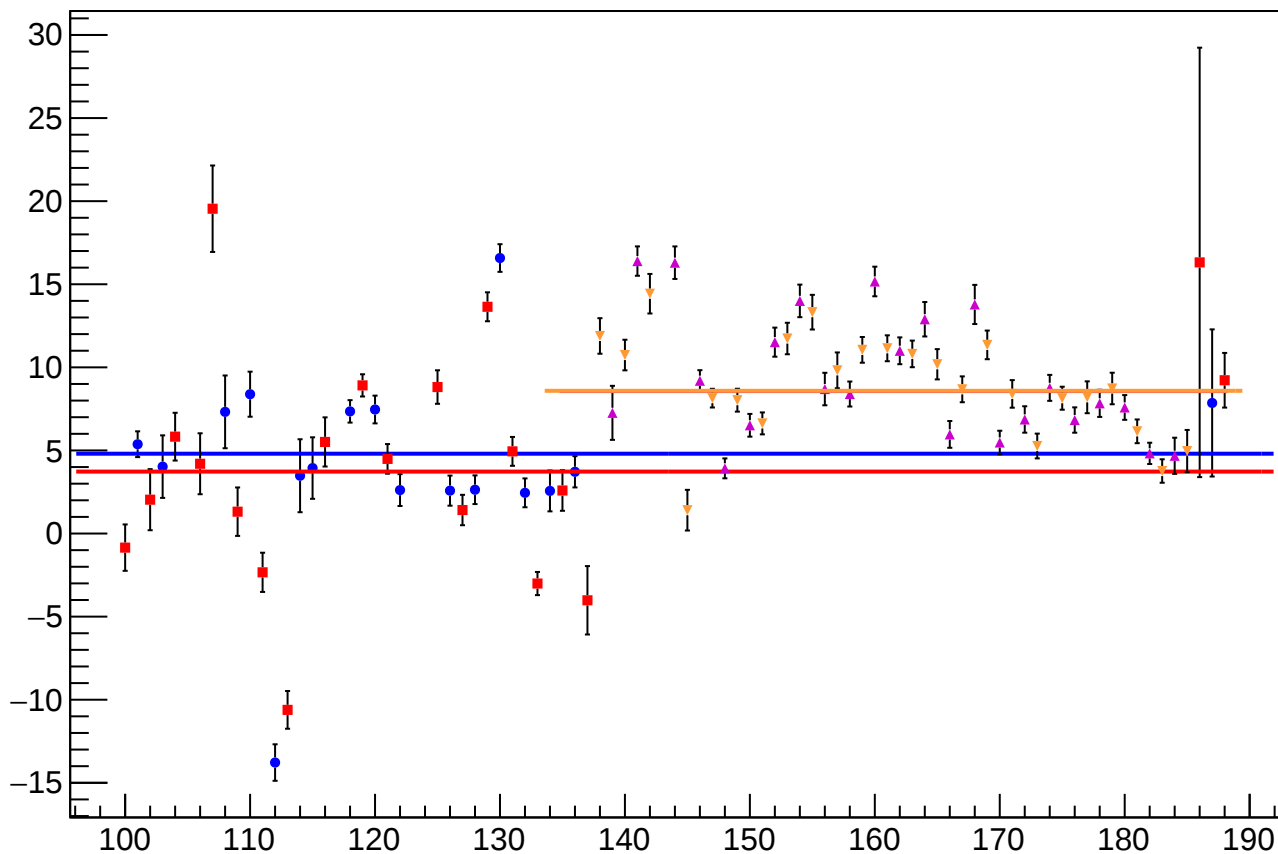
Left In: 6.635 $\pm$ 0.190 χ^2 /NDF: 1070.4/22

+ sign 10.623 $\pm$ 0.173 χ^2 /NDF: 5238.5/40

All: 10.357 $\pm$ 0.119 χ^2 /NDF: 11373.6/83

- sign 10.116 $\pm$ 0.164 χ^2 /NDF: 6130.6/42

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.804 ± 0.251 $\chi^2/\text{NDF}: 550.4/16$

Left Out: 8.588 ± 0.169 $\chi^2/\text{NDF}: 245.6/23$

Right Out: 3.728 ± 0.251 $\chi^2/\text{NDF}: 585.7/19$

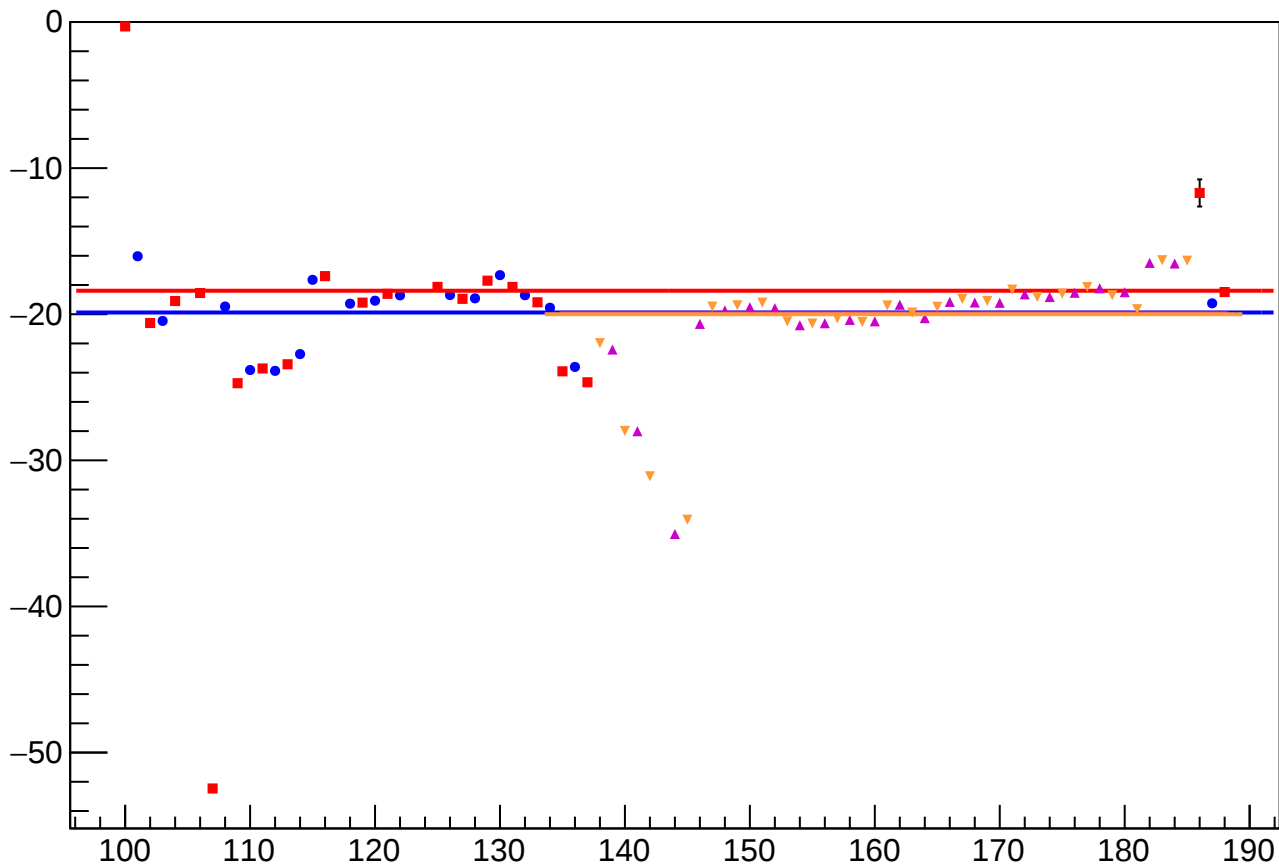
Left In: 8.573 ± 0.170 $\chi^2/\text{NDF}: 443.4/22$

+ sign 7.407 ± 0.140 $\chi^2/\text{NDF}: 952.9/40$

All: 7.233 ± 0.099 $\chi^2/\text{NDF}: 2240.3/83$

- sign 7.057 ± 0.141 $\chi^2/\text{NDF}: 1284.4/42$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.881 ± 0.016 $\chi^2/\text{NDF}: 26069.8/16$

Left Out: -19.999 ± 0.008 $\chi^2/\text{NDF}: 171834.0/23$

Right Out: -18.392 ± 0.014 $\chi^2/\text{NDF}: 301301.0/19$

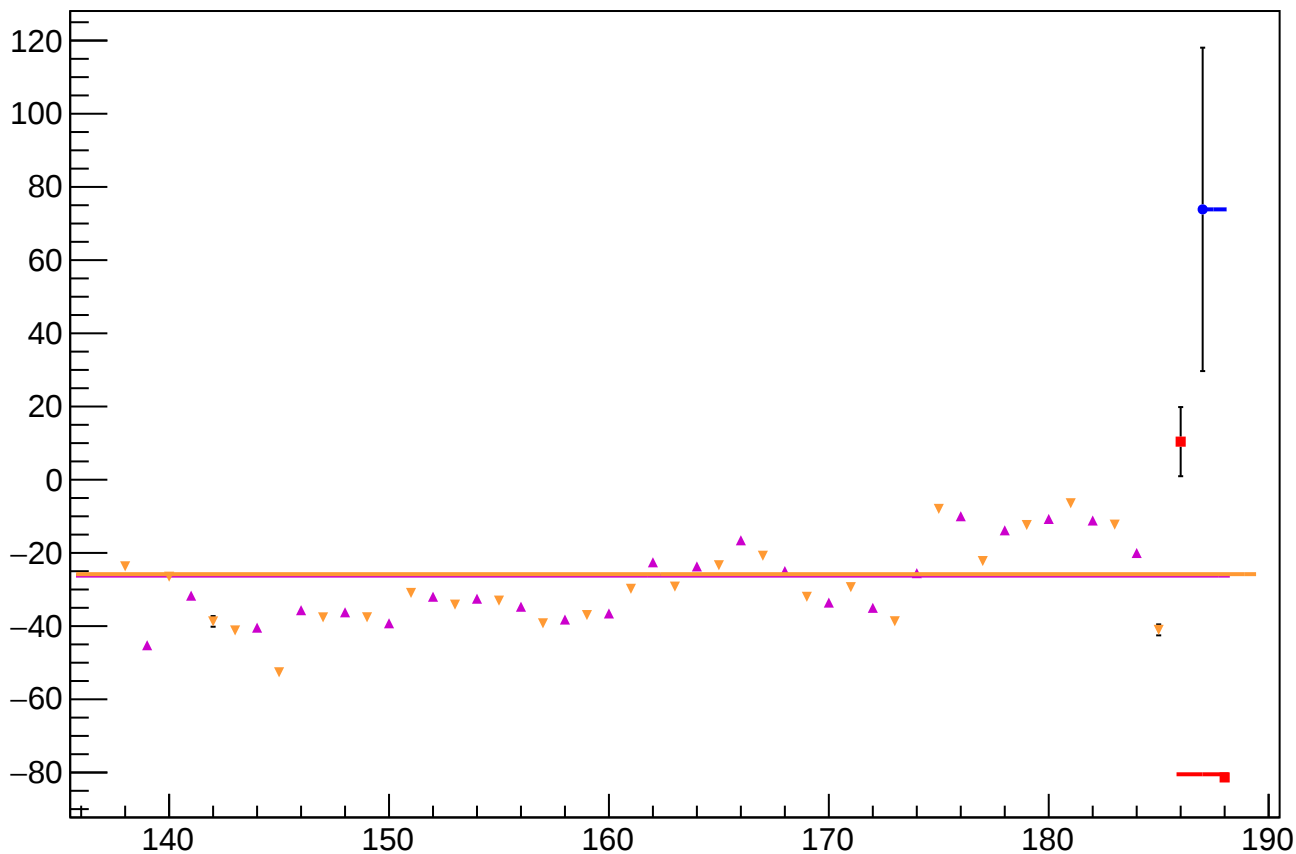
Left In: -19.905 ± 0.008 $\chi^2/\text{NDF}: 145346.7/22$

+ sign -19.975 ± 0.007 $\chi^2/\text{NDF}: 197950.0/40$

All: -19.764 ± 0.005 $\chi^2/\text{NDF}: 654835.0/83$

- sign -19.563 ± 0.007 $\chi^2/\text{NDF}: 455128.8/42$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: 73.867 $\pm$ 44.183 χ^2 /NDF: 0.0/0

Left Out: -25.804 $\pm$ 0.192 χ^2 /NDF:4127.8/24

Right Out: -80.485 $\pm$ 0.915 χ^2 /NDF: 93.4/1

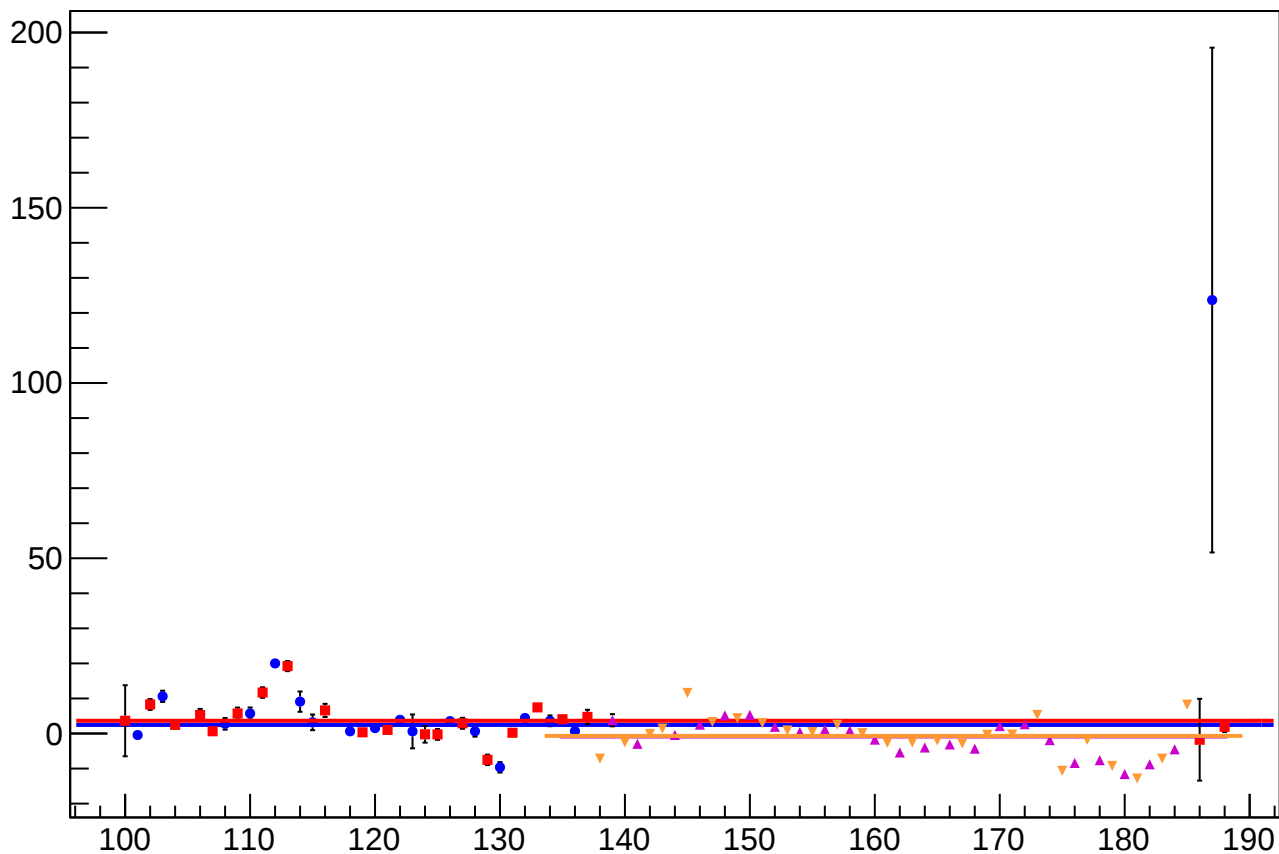
Left In: -26.204 $\pm$ 0.194 χ^2 /NDF:3377.8/22

+ sign -25.802 $\pm$ 0.192 χ^2 /NDF: 4132.9/25

All: -27.187 $\pm$ 0.135 χ^2 /NDF: 11072.6/50

- sign -28.538 $\pm$ 0.190 χ^2 /NDF: 6837.1/24

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.446 ± 0.311 χ^2/NDF : 298.1/17

Left Out: -0.681 ± 0.147 χ^2/NDF : 1314.3/24

Right Out: 3.642 ± 0.319 χ^2/NDF : 270.7/20

Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

+ sign -0.112 ± 0.133 χ^2/NDF : 1695.1/42

All: -0.073 ± 0.095 χ^2/NDF : 3199.0/86

- sign -0.031 ± 0.136 χ^2/NDF : 1503.8/43

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: 92.202 $\pm$ 0.462 χ^2 /NDF: 2459.6/20

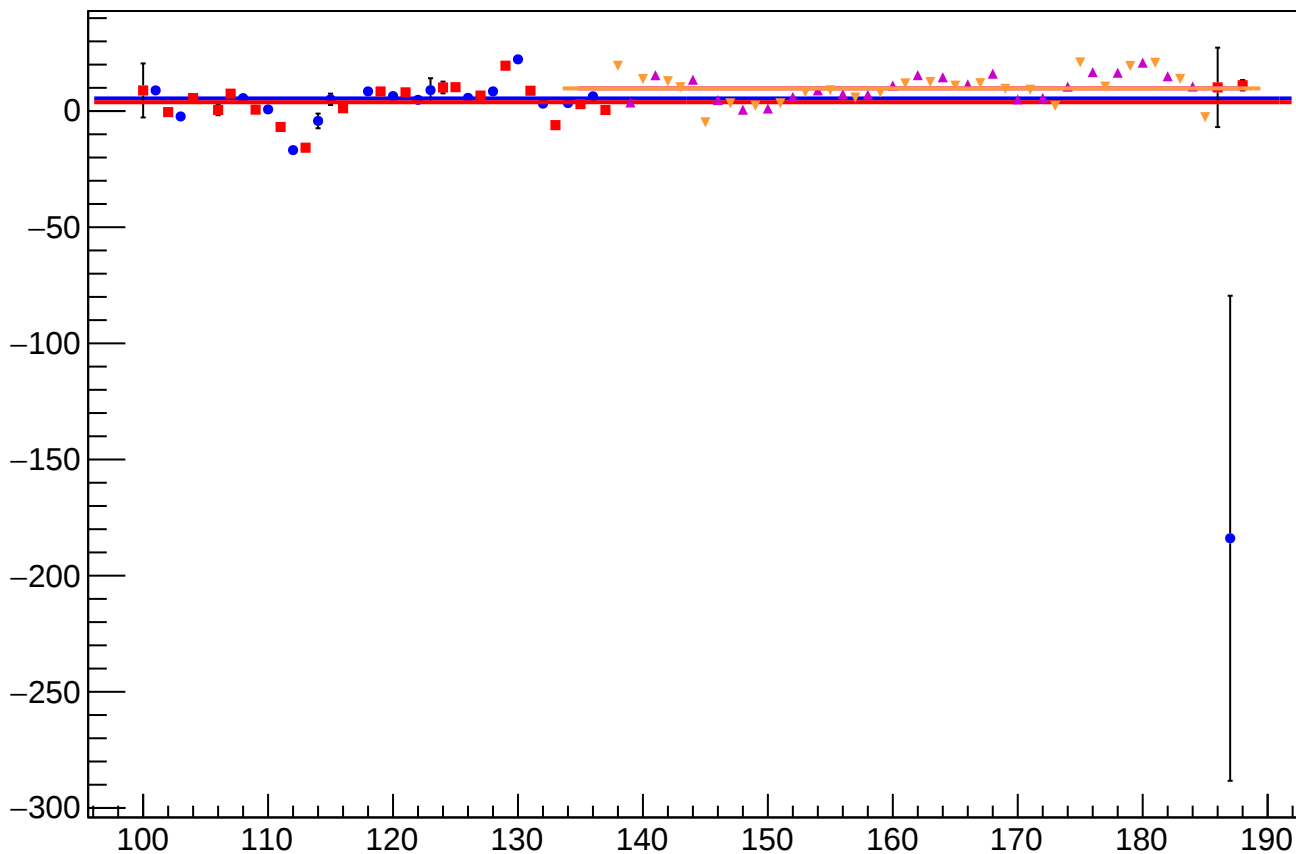
Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

+ sign 57.170 $\pm$ 0.182 χ^2 /NDF: 8056.0/42

All: 58.981 $\pm$ 0.127 χ^2 /NDF: 19994.2/86

- sign 60.713 $\pm$ 0.178 χ^2 /NDF: 11744.3/43

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: 3.795 ± 0.370 χ^2/NDF : 434.4/20

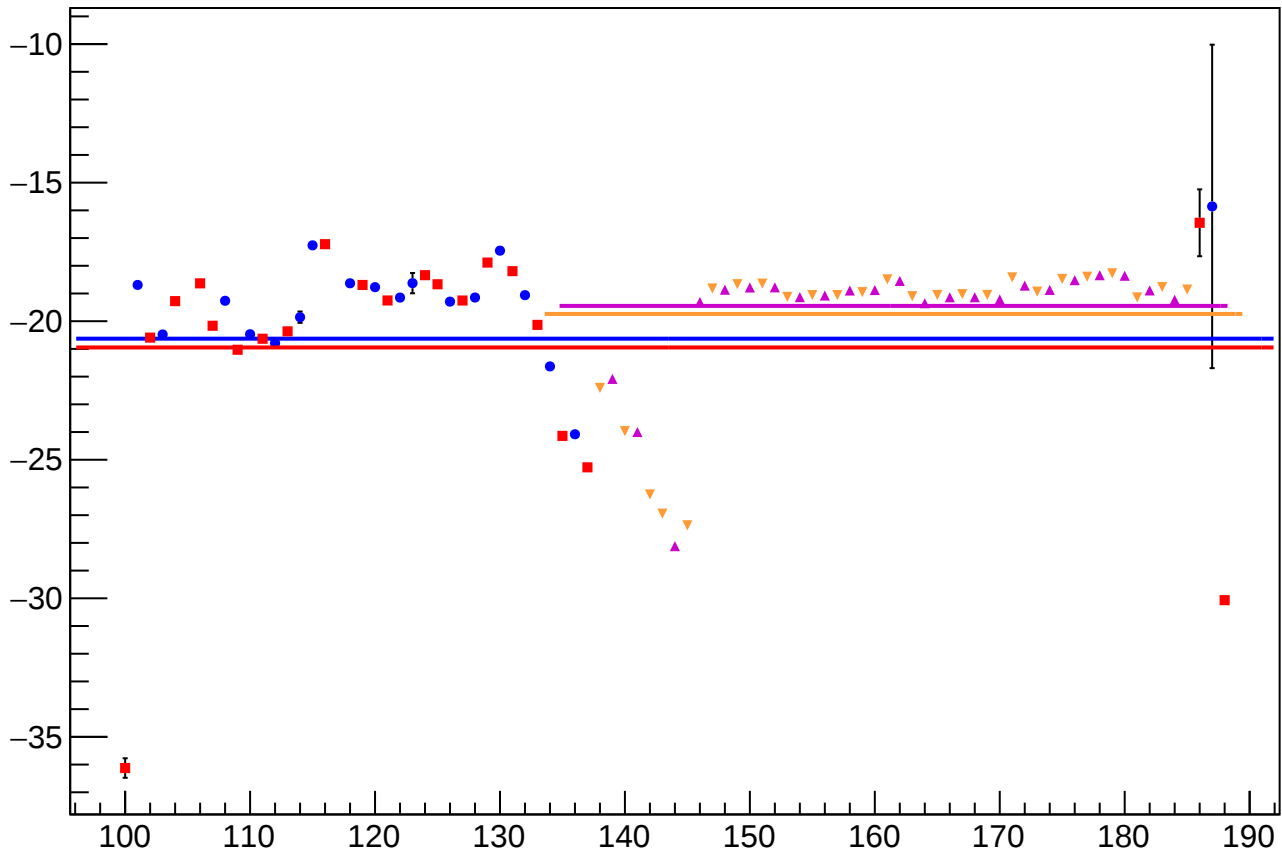
Left In: 9.775 ± 0.171 χ^2/NDF : 1165.6/22

+ sign 8.968 ± 0.152 χ^2/NDF : 1959.1/42

All: 8.847 ± 0.109 χ^2/NDF : 3775.5/86

- sign 8.720 ± 0.155 χ^2/NDF : 1815.1/43

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12491.2/17$

Left Out: -19.738 ± 0.008 $\chi^2/\text{NDF}: 88495.2/24$

Right Out: -20.948 ± 0.019 $\chi^2/\text{NDF}: 21372.1/20$

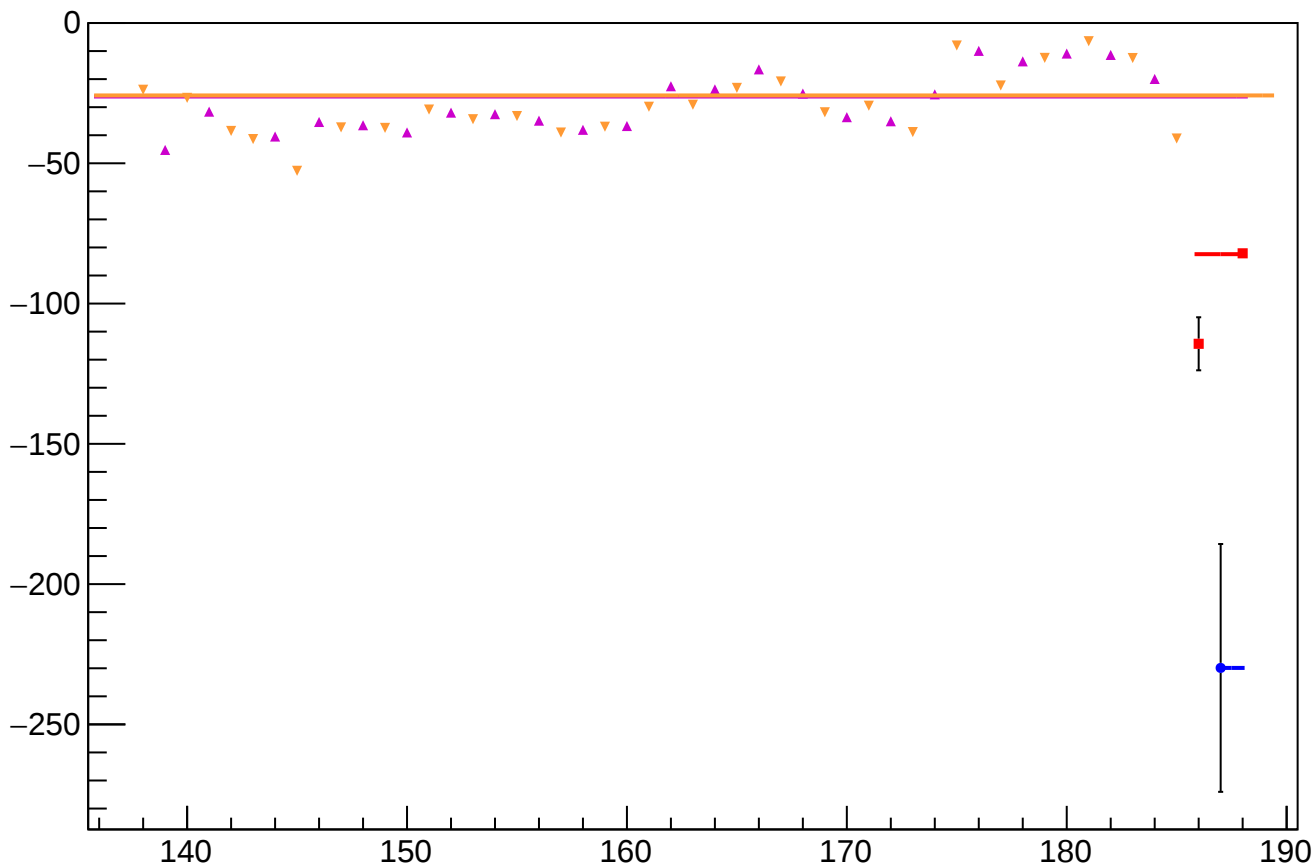
Left In: -19.448 ± 0.008 $\chi^2/\text{NDF}: 54039.2/22$

+ sign -19.867 ± 0.007 $\chi^2/\text{NDF}: 102819.7/42$

All: -19.767 ± 0.005 $\chi^2/\text{NDF}: 183858.0/86$

- sign -19.668 ± 0.007 $\chi^2/\text{NDF}: 80668.0/43$

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: -82.392 ± 0.916 χ^2/NDF : 11.5/1

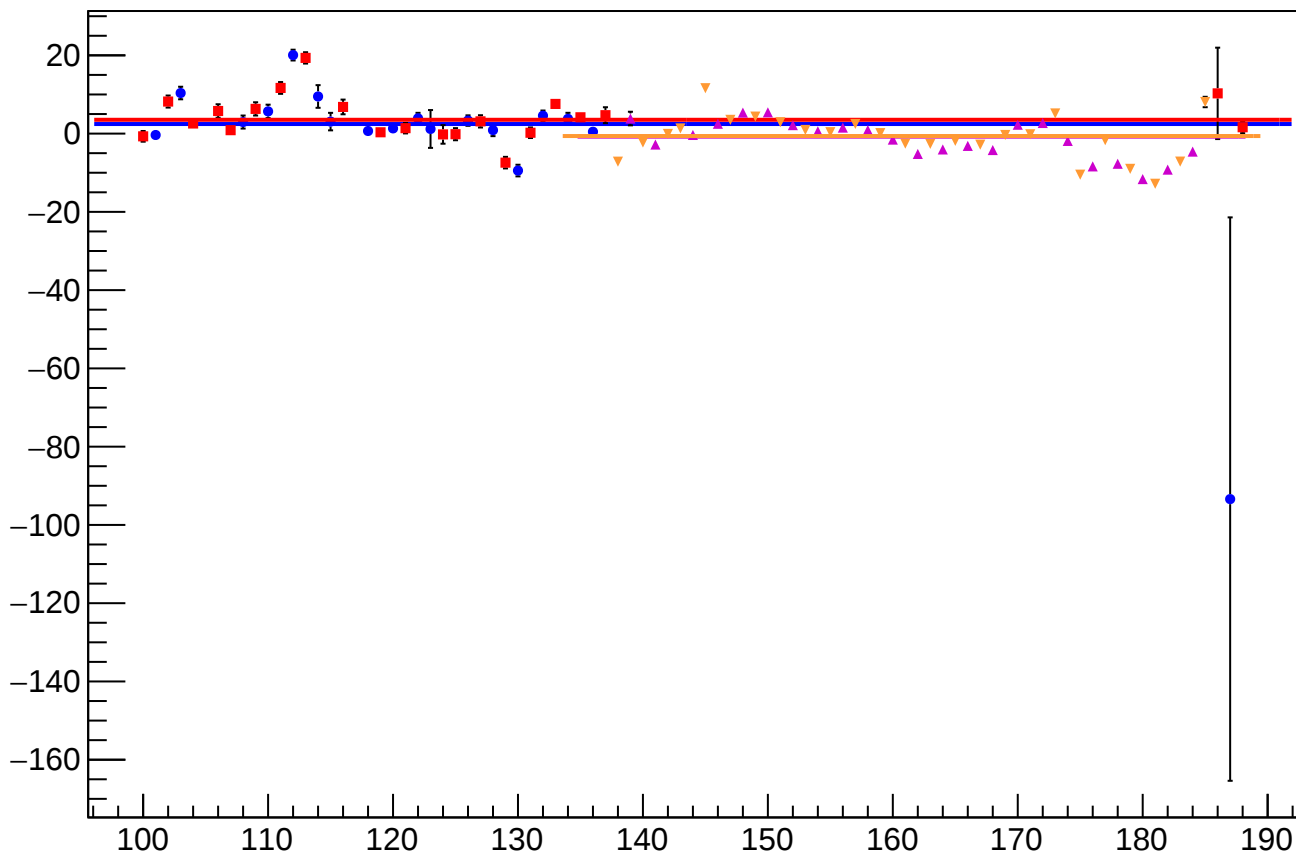
Left In: -26.200 ± 0.194 χ^2/NDF : 3344.6/22

+ sign -25.818 ± 0.192 χ^2/NDF : 4115.9/25

All: -27.234 ± 0.135 χ^2/NDF : 11178.8/50

- sign -28.616 ± 0.190 χ^2/NDF : 6955.8/24

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: 3.532 ± 0.311 χ^2/NDF : 281.4/20

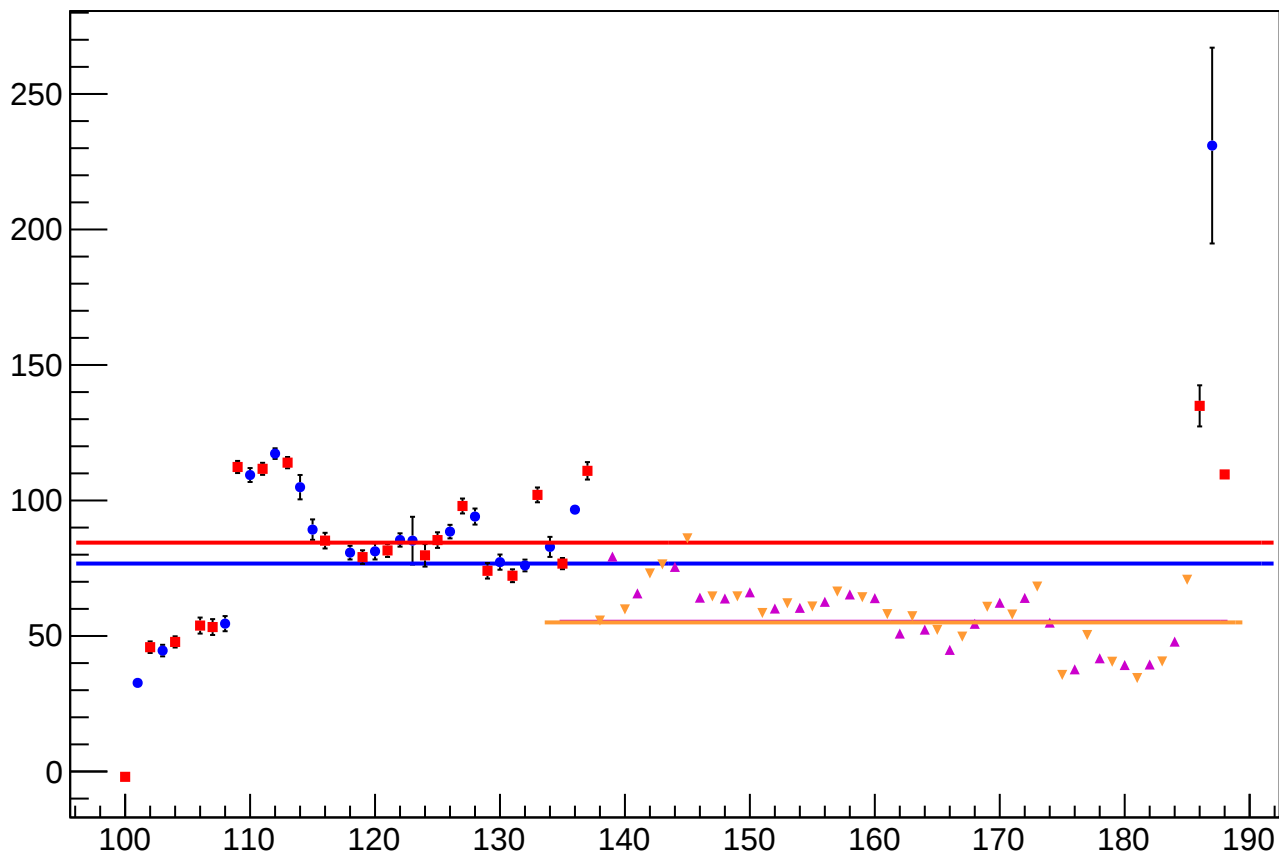
Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

+ sign -0.067 ± 0.133 χ^2/NDF : 1678.3/42

All: -0.014 ± 0.095 χ^2/NDF : 3226.6/86

- sign 0.040 ± 0.135 χ^2/NDF : 1547.9/43

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.726 ± 0.574 $\chi^2/\text{NDF}: 2283.3/17$

Left Out: 55.008 ± 0.192 $\chi^2/\text{NDF}: 4502.1/24$

Right Out: 84.445 ± 0.441 $\chi^2/\text{NDF}: 6238.0/20$

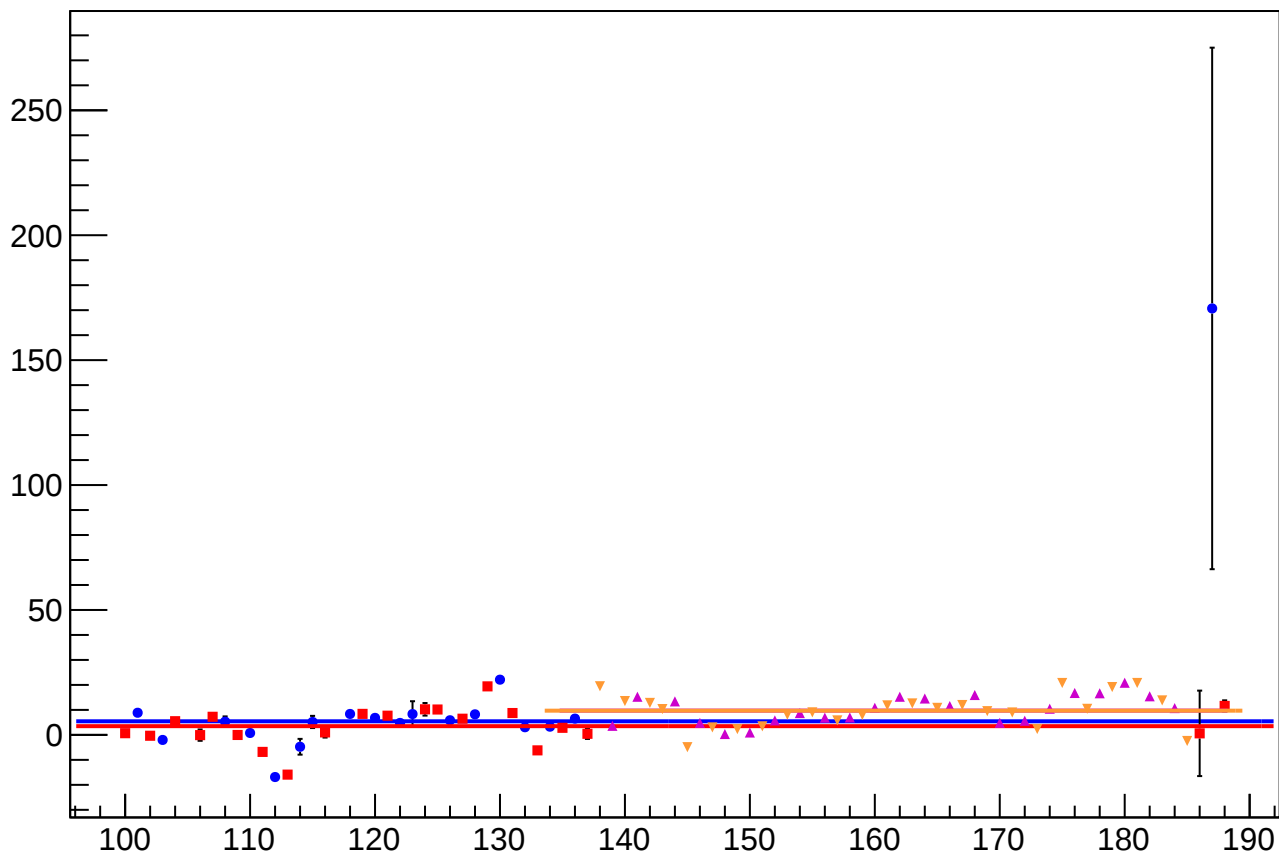
Left In: 55.252 ± 0.193 $\chi^2/\text{NDF}: 3786.2/22$

+ sign 57.196 ± 0.182 $\chi^2/\text{NDF}: 8074.8/42$

All: 58.608 ± 0.127 $\chi^2/\text{NDF}: 21892.9/86$

- sign 59.940 ± 0.177 $\chi^2/\text{NDF}: 13701.2/43$

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: 3.490 ± 0.360 $\chi^2/\text{NDF}: 439.3/20$

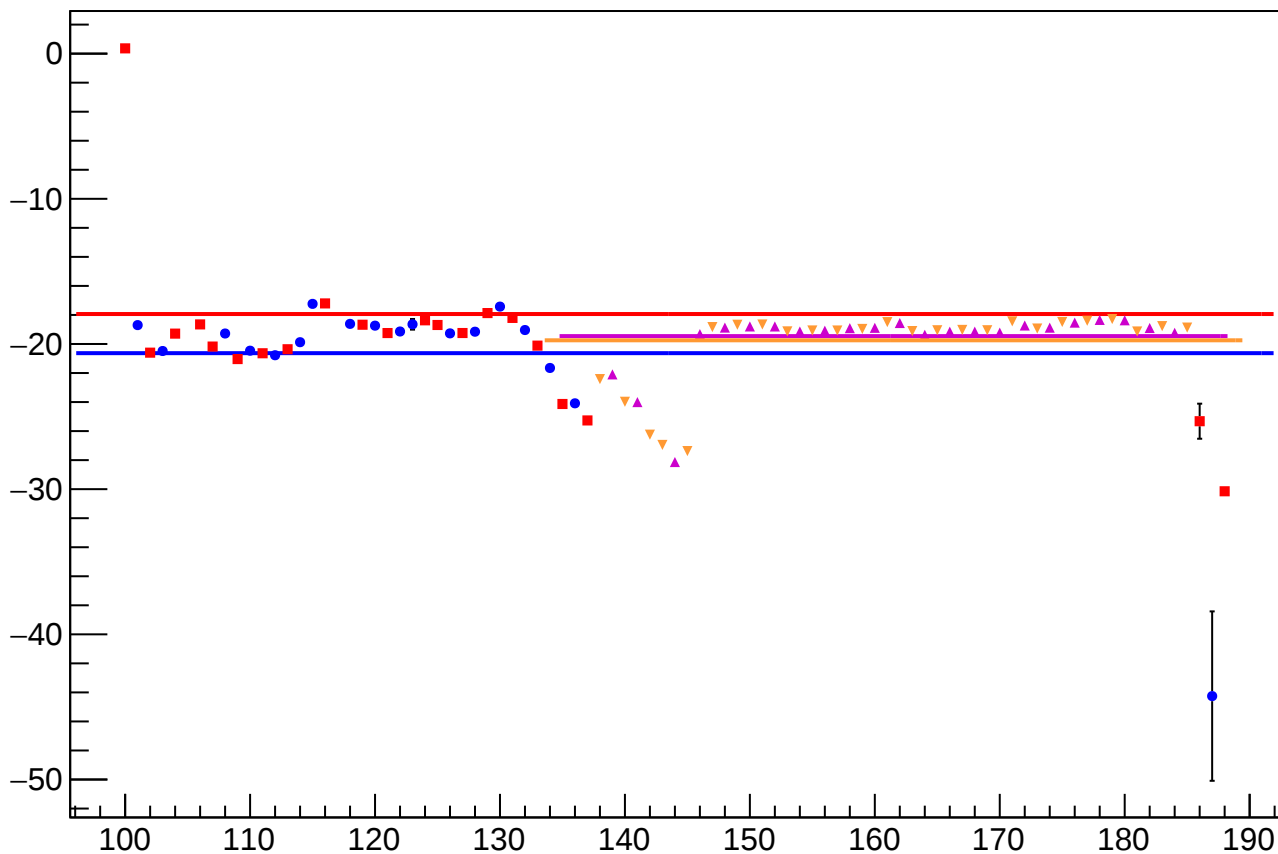
Left In: 9.708 ± 0.171 $\chi^2/\text{NDF}: 1198.0/22$

+ sign 8.920 ± 0.152 $\chi^2/\text{NDF}: 1944.4/42$

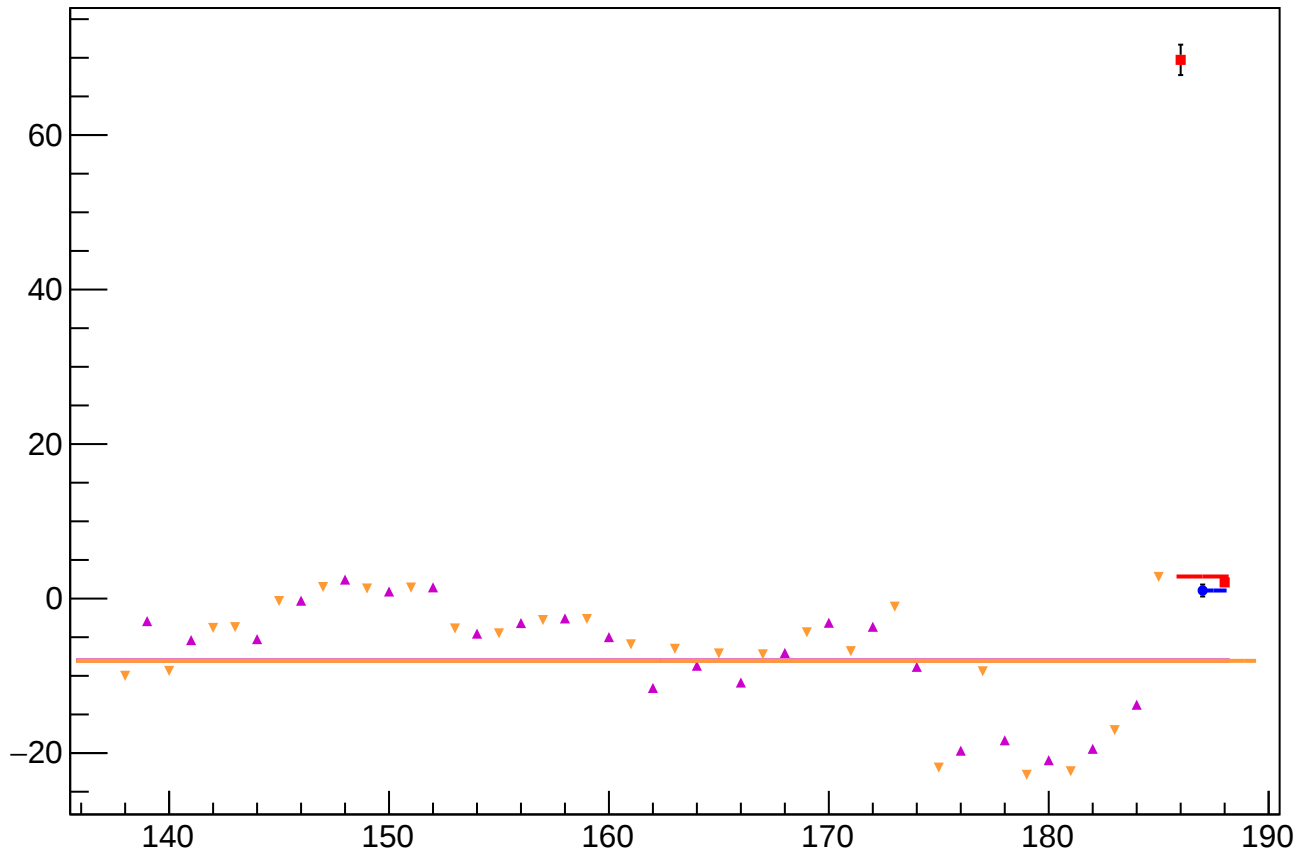
All: 8.744 ± 0.109 $\chi^2/\text{NDF}: 3827.1/86$

- sign 8.562 ± 0.155 $\chi^2/\text{NDF}: 1880.0/43$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 1.044 $\pm$ 0.771 χ^2 /NDF: 0.0/0

Left Out: -8.058 $\pm$ 0.070 χ^2 /NDF:12532.2/24

Right Out: 2.858 $\pm$ 0.209 χ^2 /NDF: 1169.2/1

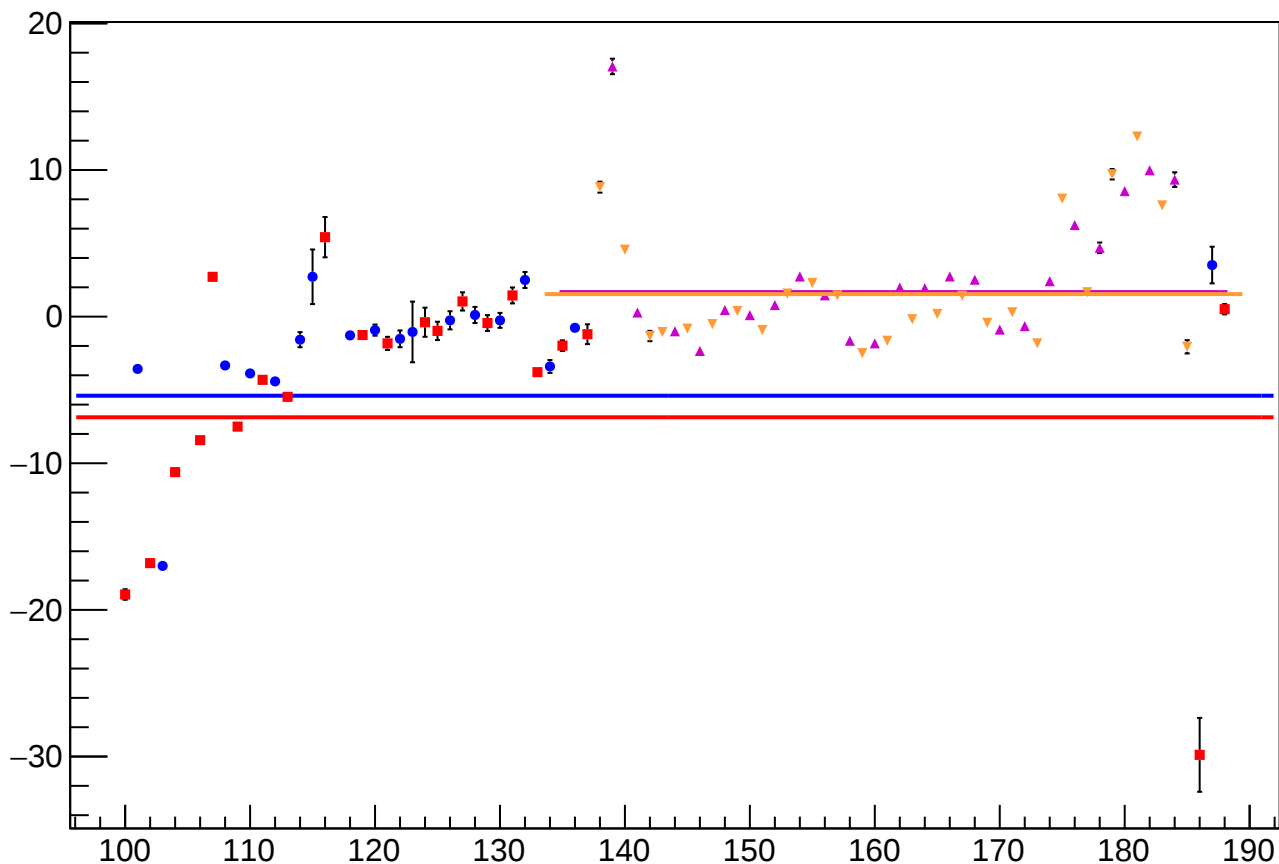
Left In: -8.010 $\pm$ 0.071 χ^2 /NDF:10631.2/22

+ sign -7.983 $\pm$ 0.070 χ^2 /NDF: 12670.4/25

All: -7.407 $\pm$ 0.049 χ^2 /NDF: 27025.1/50

- sign -6.873 $\pm$ 0.068 χ^2 /NDF: 14224.7/24

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: -6.865 ± 0.058 χ^2/NDF : 12862.9/20

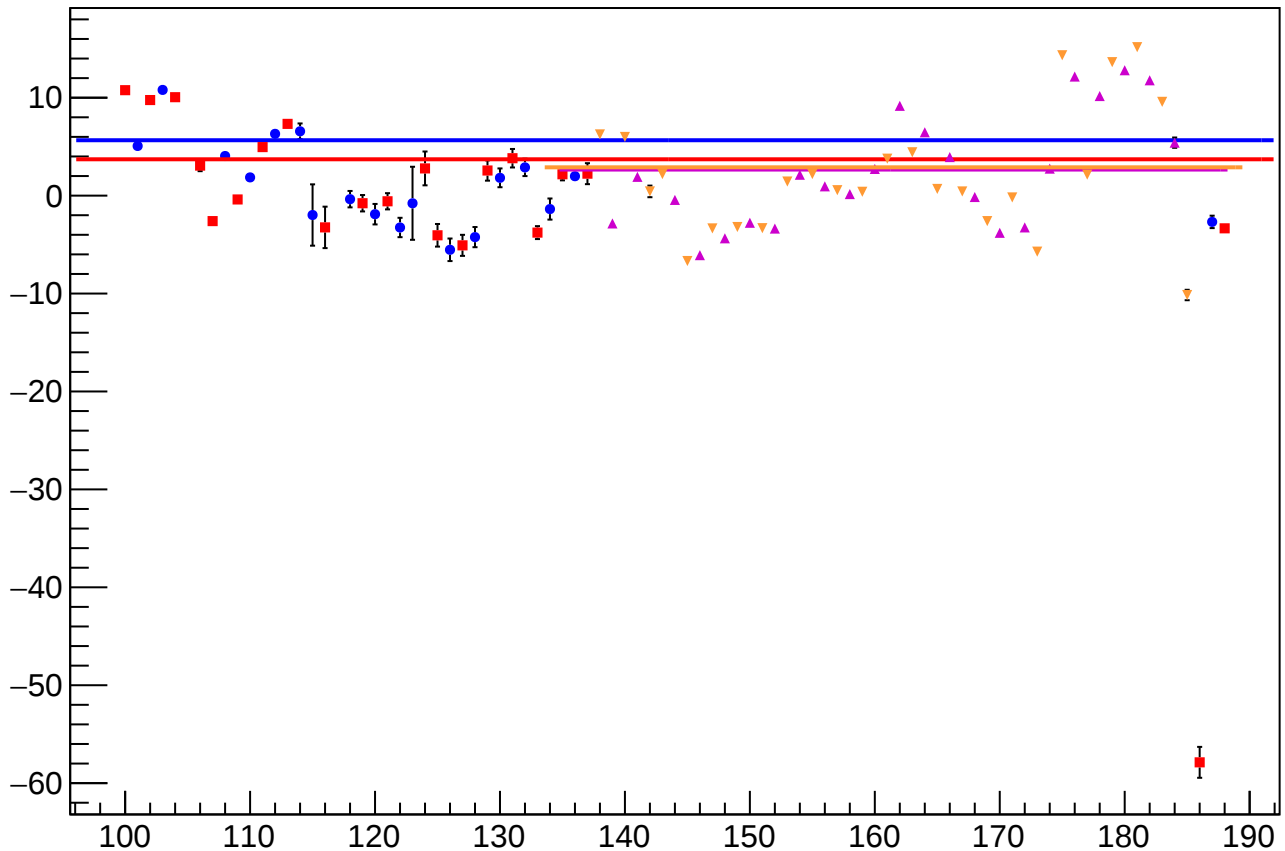
Left In: 1.673 ± 0.056 χ^2/NDF : 4106.3/22

+ sign -1.918 ± 0.039 χ^2/NDF : 22183.9/42

All: -2.177 ± 0.028 χ^2/NDF : 50343.1/86

- sign -2.462 ± 0.041 χ^2/NDF : 28064.7/43

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: 3.711 ± 0.082 χ^2/NDF : 6546.3/20

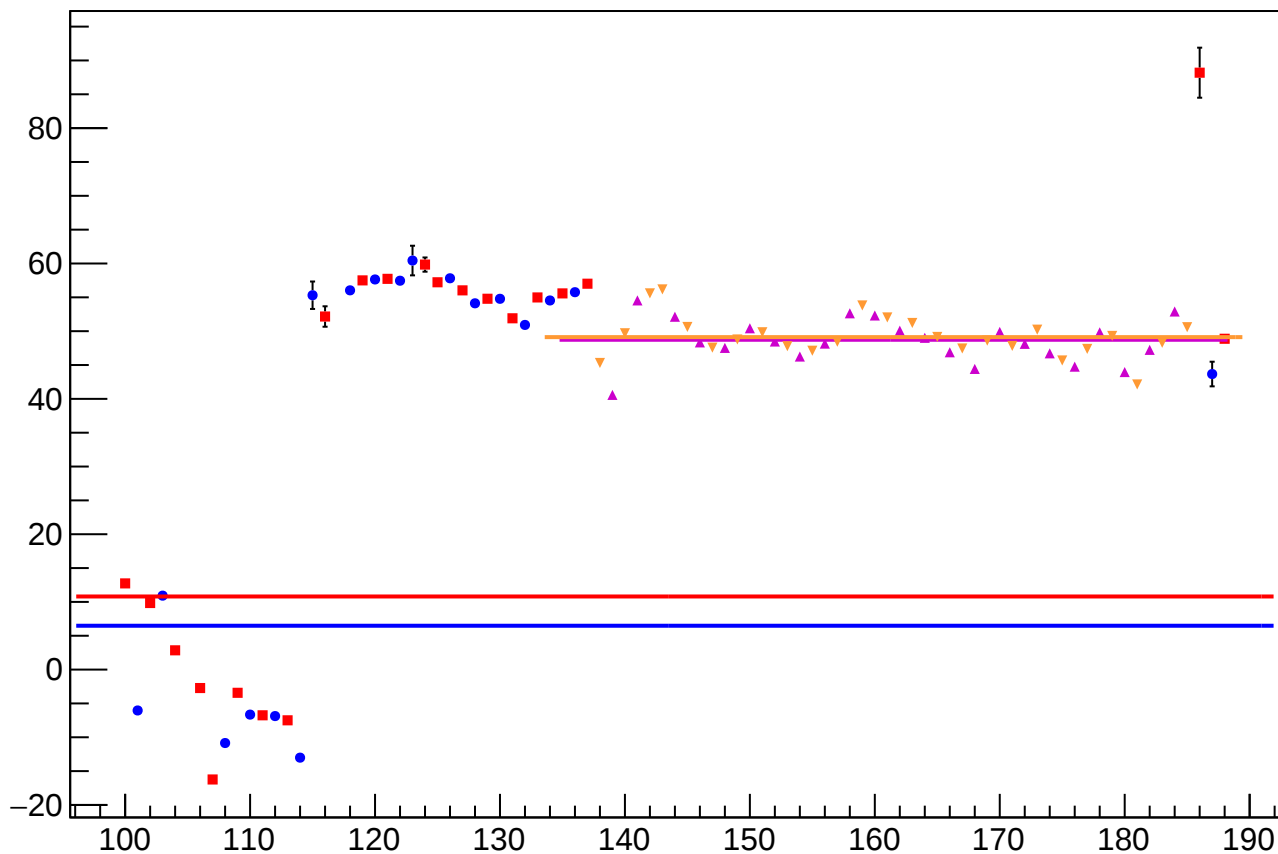
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ sign 3.960 ± 0.055 χ^2/NDF : 11115.1/42

All: 3.525 ± 0.038 χ^2/NDF : 25184.8/86

- sign 3.115 ± 0.054 χ^2/NDF : 13948.9/43

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: 10.802+/-0.069 χ^2/NDF : 127958.6/20

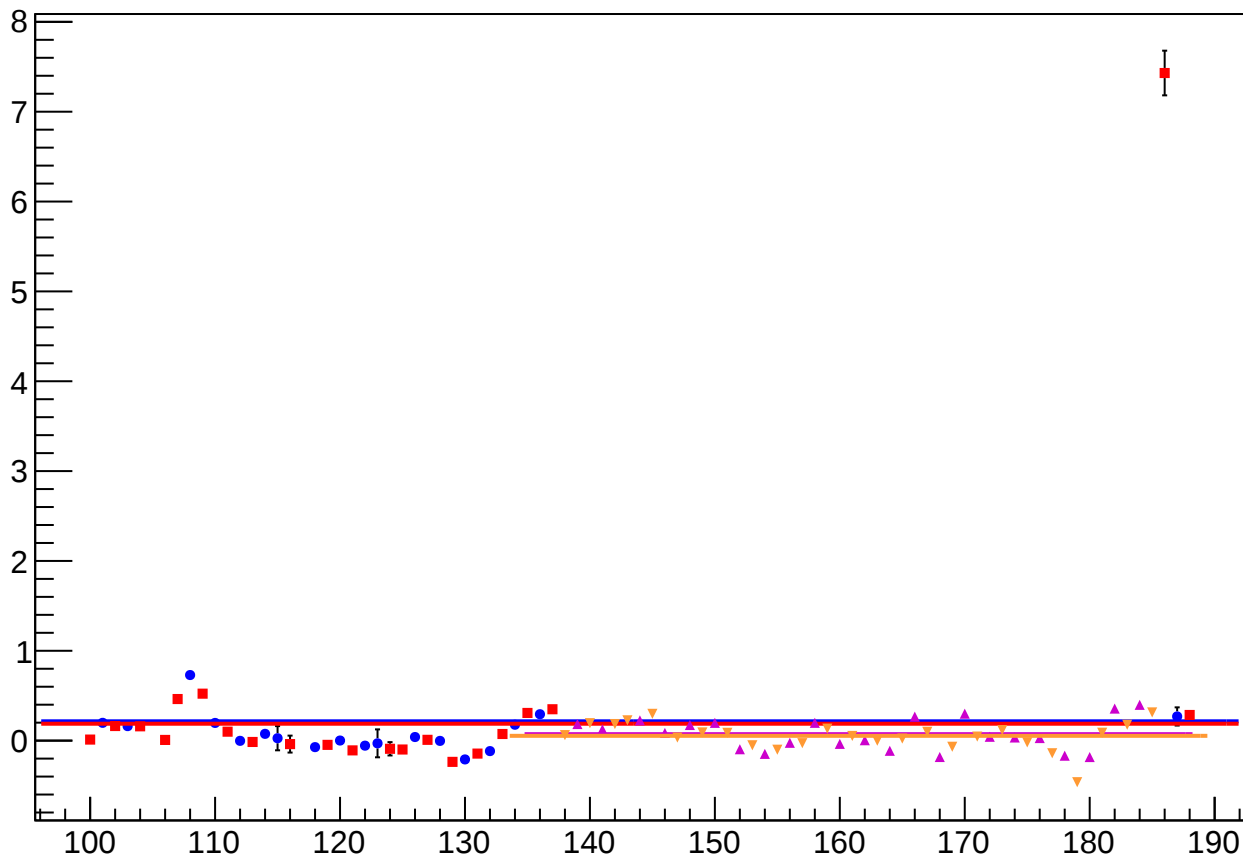
Left In: 48.731+/-0.064 χ^2/NDF : 2117.7/22

+ sign 28.736+/-0.045 χ^2/NDF : 353075.7/42

All: 29.981+/-0.032 χ^2/NDF : 648030.8/86

- sign 31.344+/-0.047 χ^2/NDF : 293329.8/43

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: 0.188 $\pm$ 0.003 χ^2 /NDF: 3587.0/20

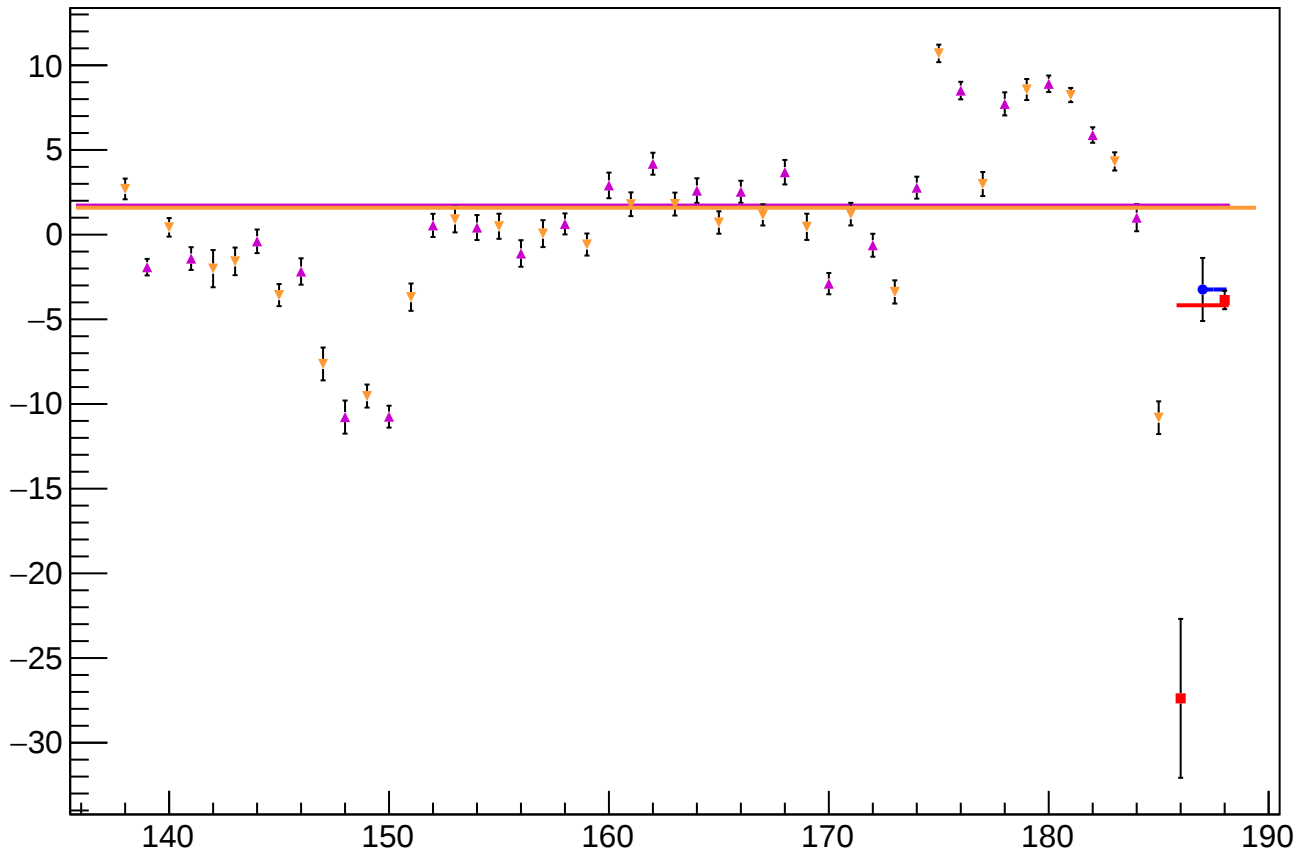
Left In: 0.072 $\pm$ 0.003 χ^2 /NDF: 3272.0/22

+ sign 0.136 $\pm$ 0.002 χ^2 /NDF: 7967.5/42

All: 0.135 $\pm$ 0.001 χ^2 /NDF: 15714.6/86

- sign 0.134 $\pm$ 0.002 χ^2 /NDF: 7746.4/43

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: -4.171 ± 0.541 χ^2/NDF : 24.8/1

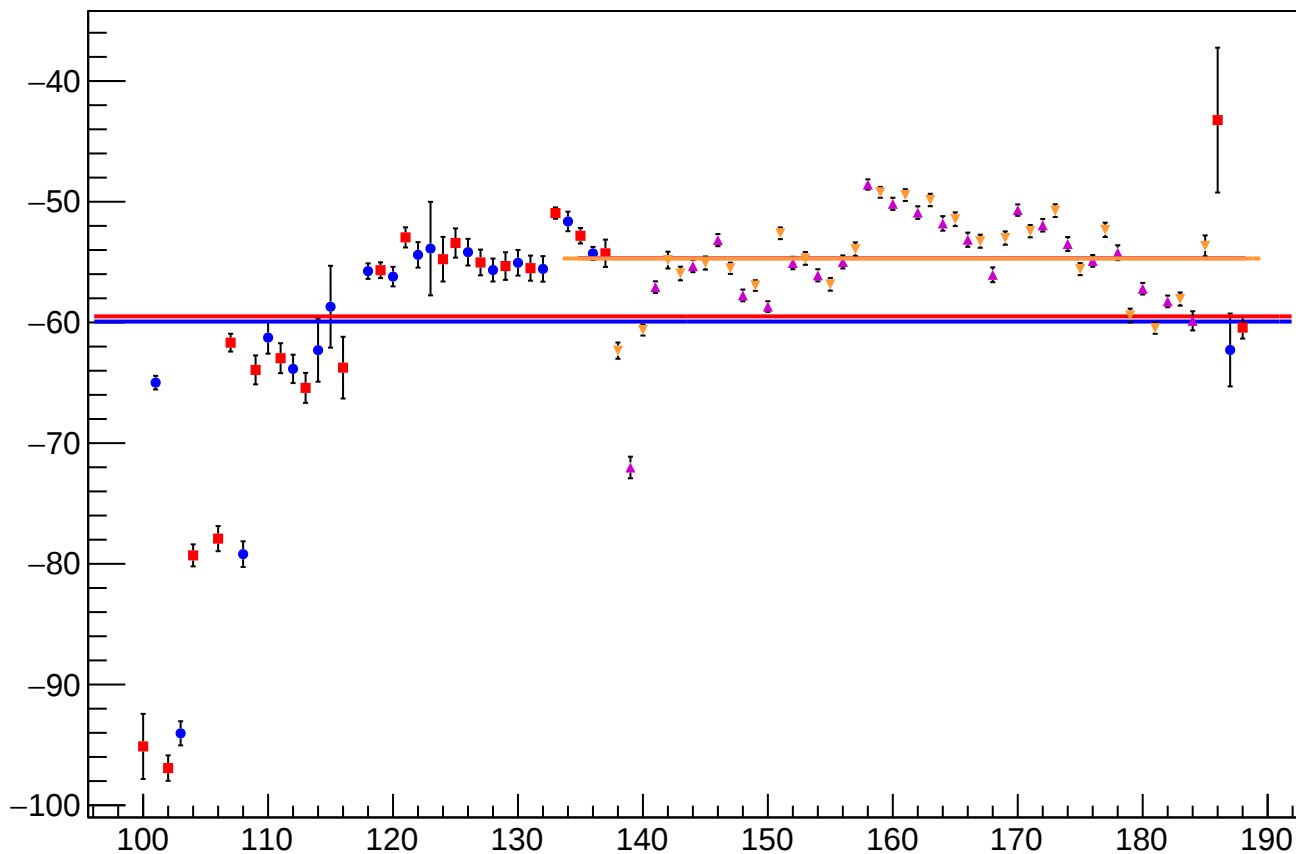
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 1.565 ± 0.133 χ^2/NDF : 1464.1/25

All: 1.468 ± 0.093 χ^2/NDF : 2915.1/50

- sign 1.374 ± 0.130 χ^2/NDF : 1449.9/24

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: -59.498 ± 0.206 χ^2/NDF : 2921.1/20

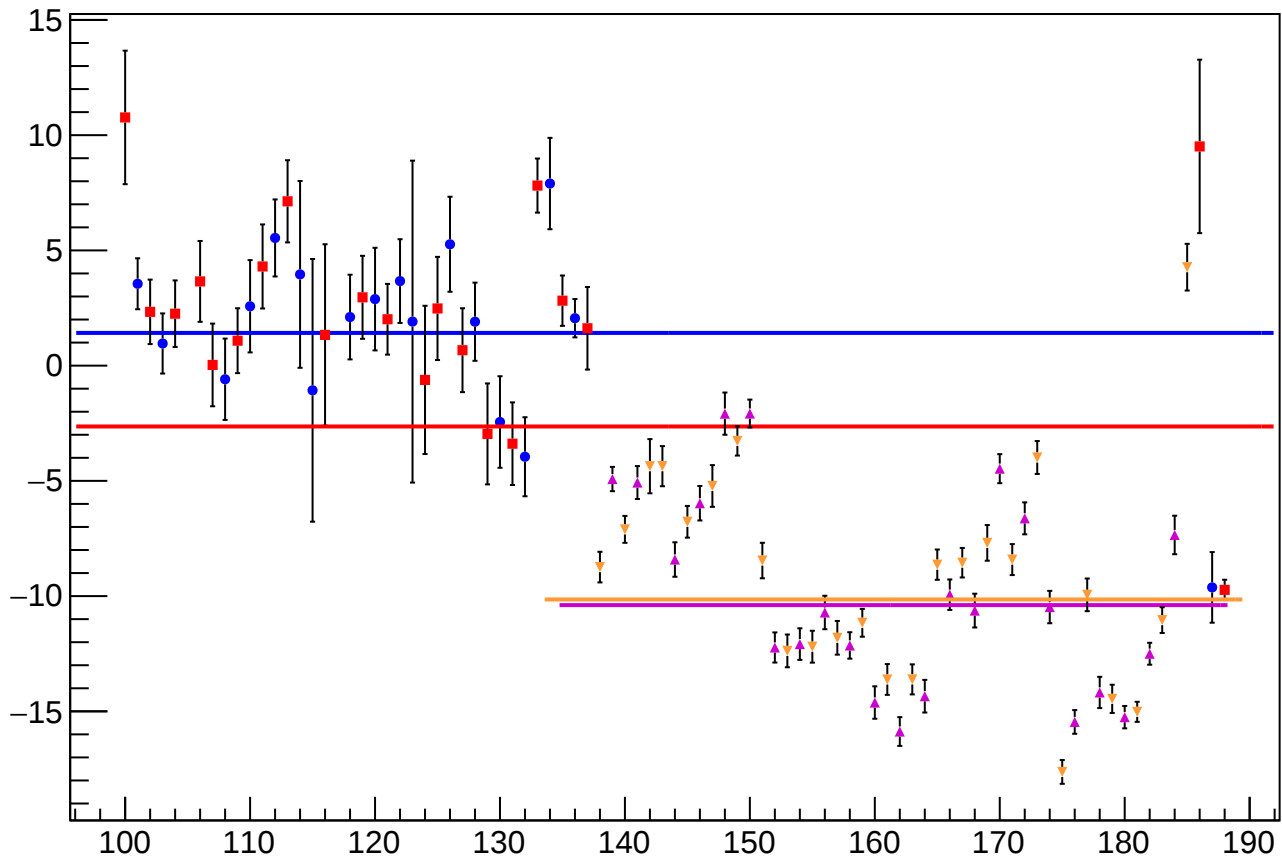
Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

+ sign -55.668 ± 0.096 χ^2/NDF : 3554.6/42

All: -55.701 ± 0.068 χ^2/NDF : 8042.3/86

- sign -55.735 ± 0.097 χ^2/NDF : 4487.5/43

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: -2.640 ± 0.290 χ^2/NDF : 521.1/20

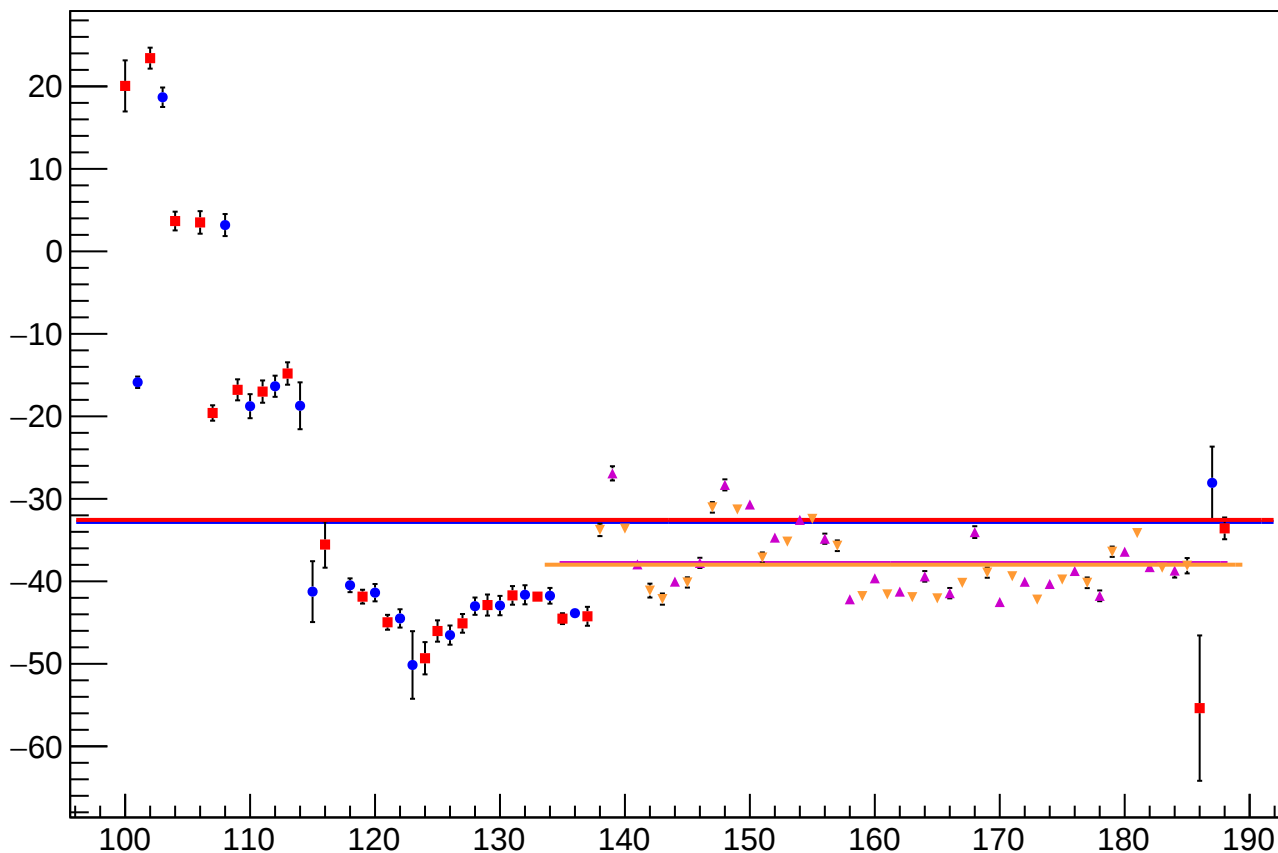
Left In: -10.391 ± 0.134 χ^2/NDF : 1024.8/22

+ sign -8.944 ± 0.126 χ^2/NDF : 1930.9/42

All: -8.989 ± 0.087 χ^2/NDF : 4066.1/86

- sign -9.031 ± 0.121 χ^2/NDF : 2134.9/43

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: -32.554 ± 0.240 $\chi^2/\text{NDF}: 6045.2/20$

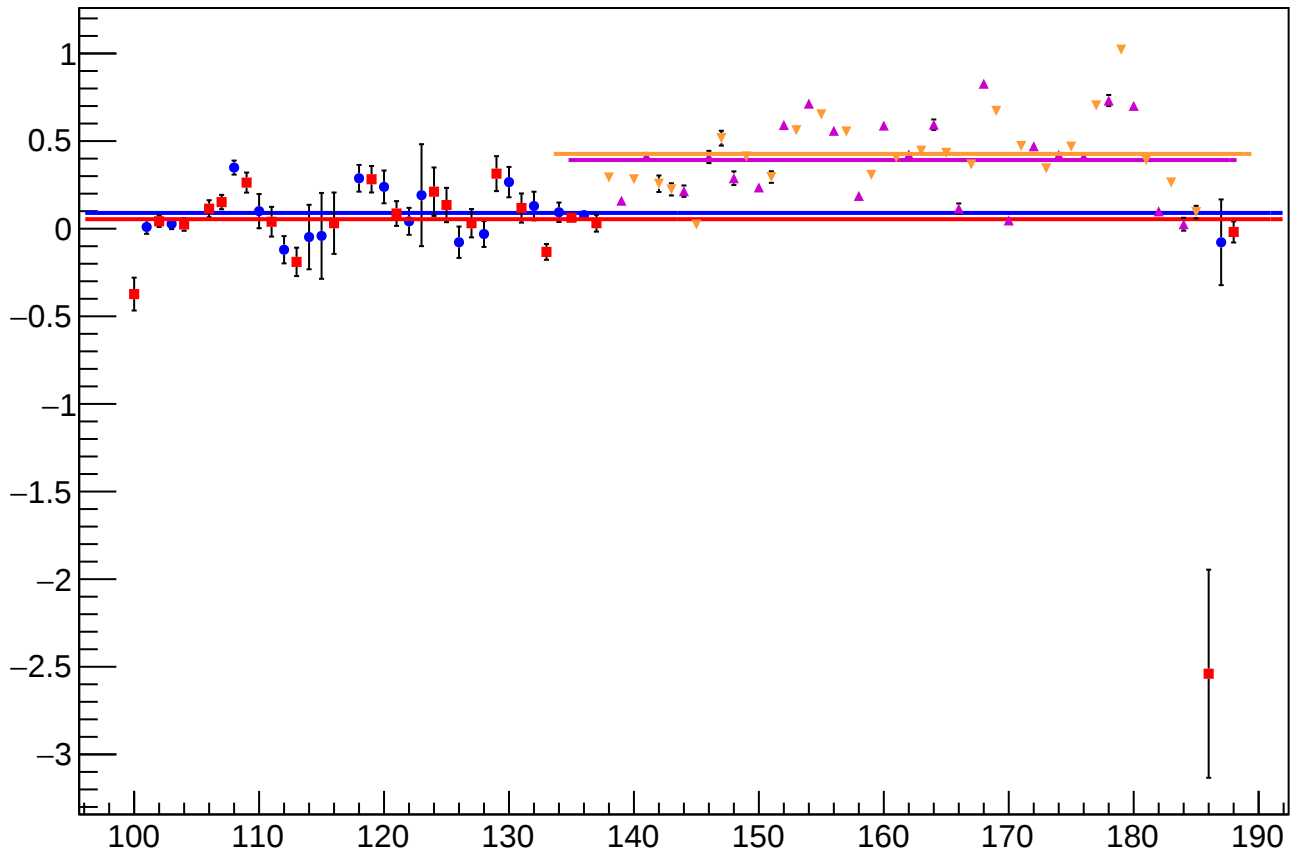
Left In: -37.784 ± 0.122 $\chi^2/\text{NDF}: 1079.7/22$

+ sign -37.048 ± 0.108 $\chi^2/\text{NDF}: 5947.0/42$

All: -36.880 ± 0.077 $\chi^2/\text{NDF}: 13454.8/86$

- sign -36.710 ± 0.109 $\chi^2/\text{NDF}: 7502.9/43$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.7/17

Left Out: 0.427 $\pm$ 0.005 χ^2 /NDF:1293.3/24

Right Out: 0.054 $\pm$ 0.012 χ^2 /NDF: 107.9/20

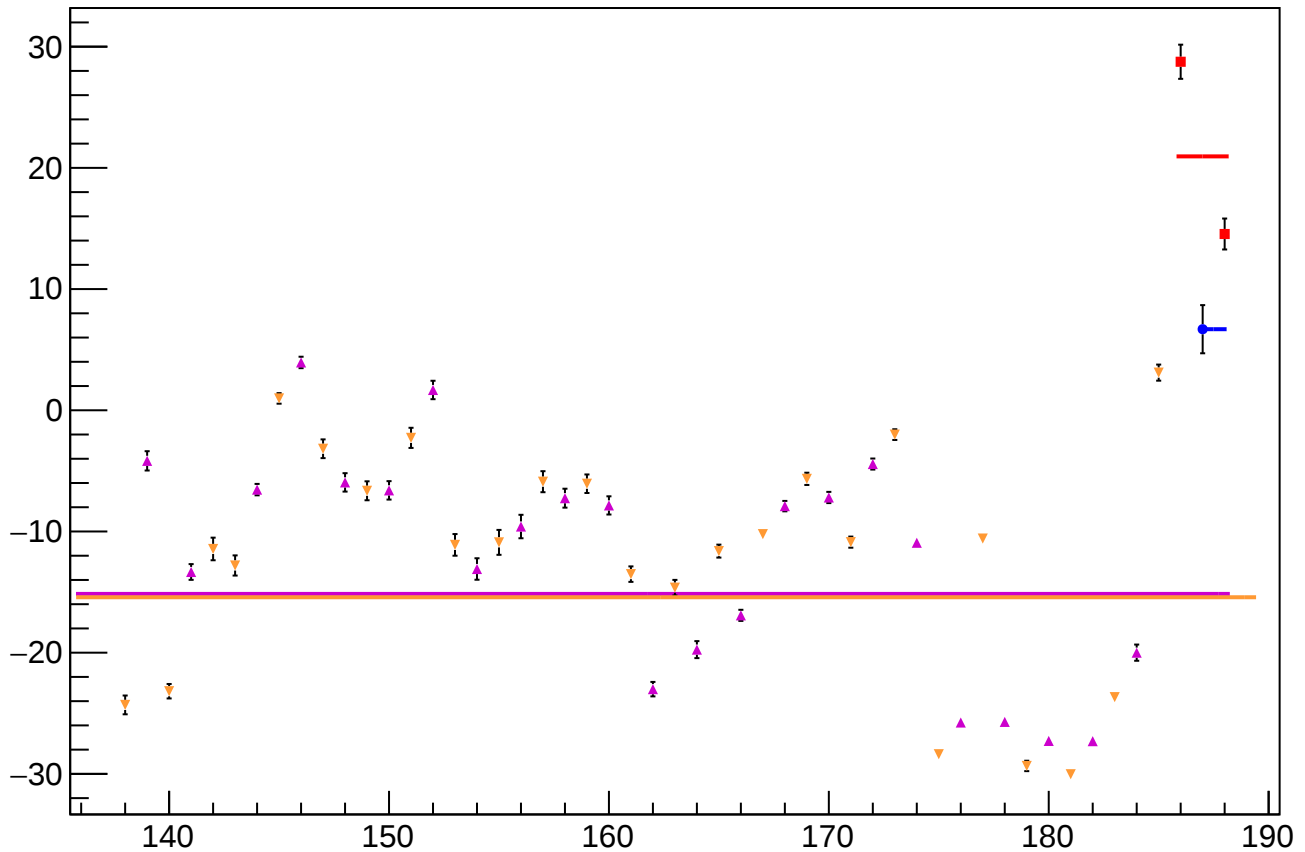
Left In: 0.392 $\pm$ 0.005 χ^2 /NDF:1835.6/22

+ sign 0.376 $\pm$ 0.005 χ^2 /NDF: 1969.4/42

All: 0.355 $\pm$ 0.003 χ^2 /NDF: 4615.6/86

- sign 0.335 $\pm$ 0.005 χ^2 /NDF: 2611.6/43

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 6.689 ± 1.987 χ^2/NDF : 0.0/0

Left Out: -15.427 ± 0.105 χ^2/NDF : 10499.6/24

Right Out: 20.948 ± 0.946 χ^2/NDF : 55.9/1

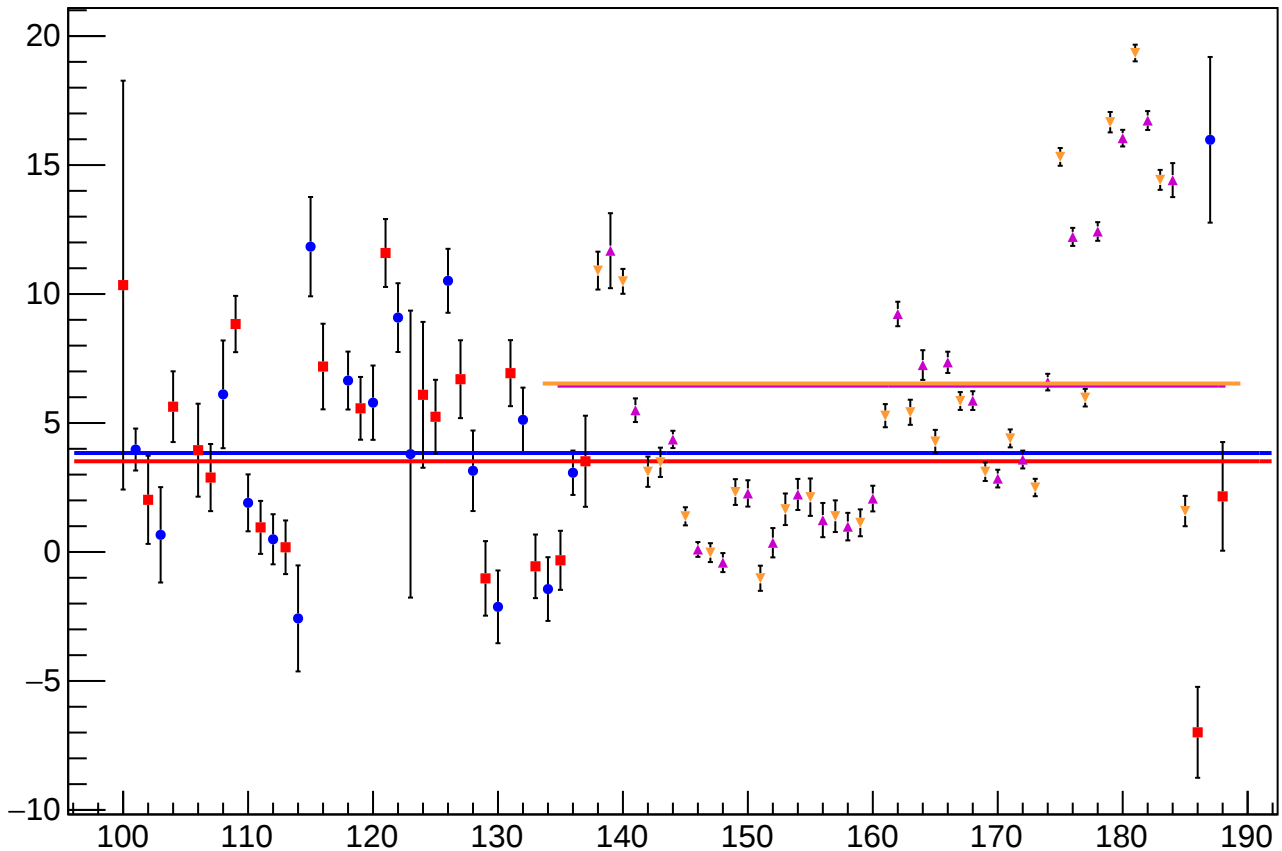
Left In: -15.151 ± 0.106 χ^2/NDF : 8744.3/22

+ sign -15.365 ± 0.105 χ^2/NDF : 10623.2/25

All: -15.035 ± 0.075 χ^2/NDF : 20880.8/50

- sign -14.702 ± 0.106 χ^2/NDF : 10237.8/24

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.837 ± 0.307 $\chi^2/\text{NDF}: 151.2/17$

Left Out: 6.531 ± 0.086 $\chi^2/\text{NDF}: 4969.5/24$

Right Out: 3.516 ± 0.308 $\chi^2/\text{NDF}: 171.7/20$

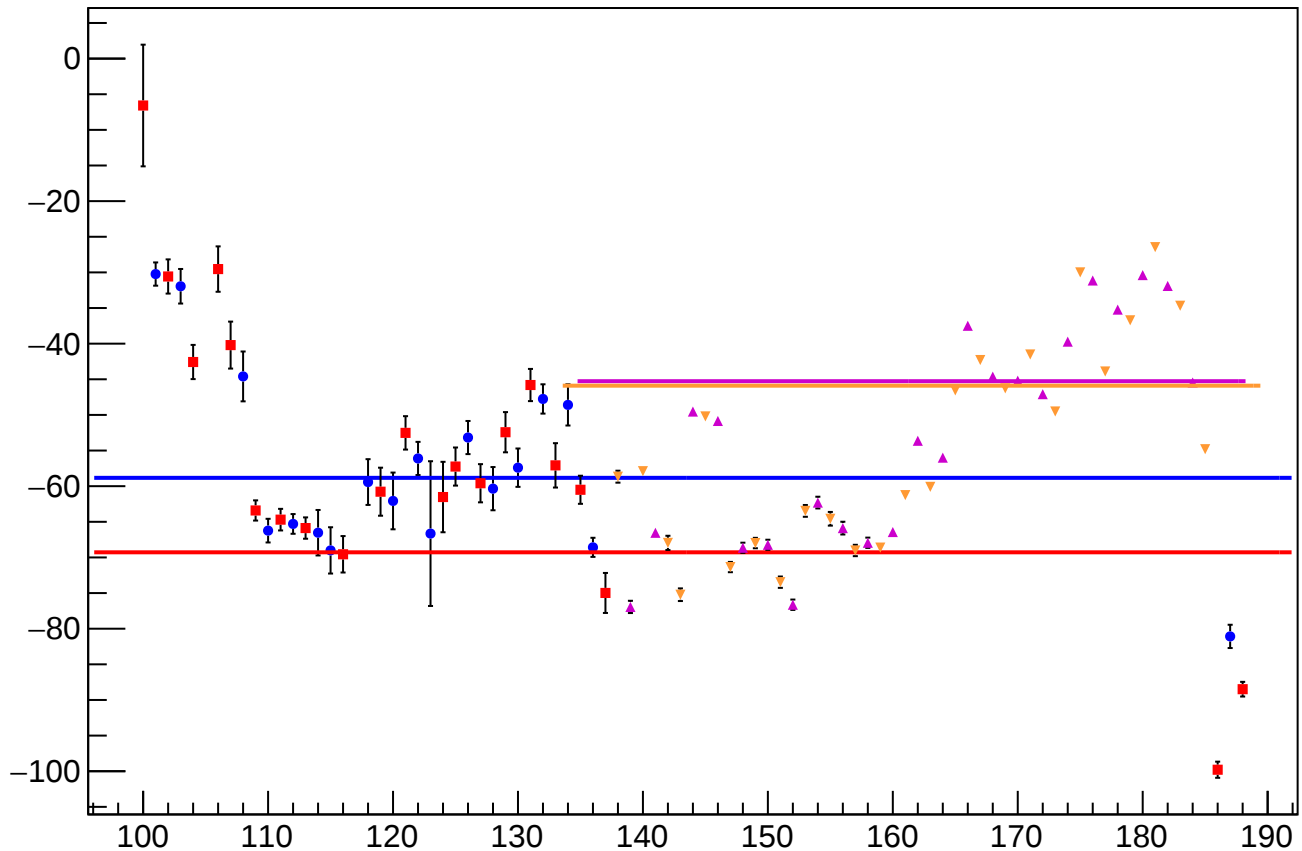
Left In: 6.448 ± 0.086 $\chi^2/\text{NDF}: 3955.6/22$

+ sign 6.337 ± 0.082 $\chi^2/\text{NDF}: 5192.1/42$

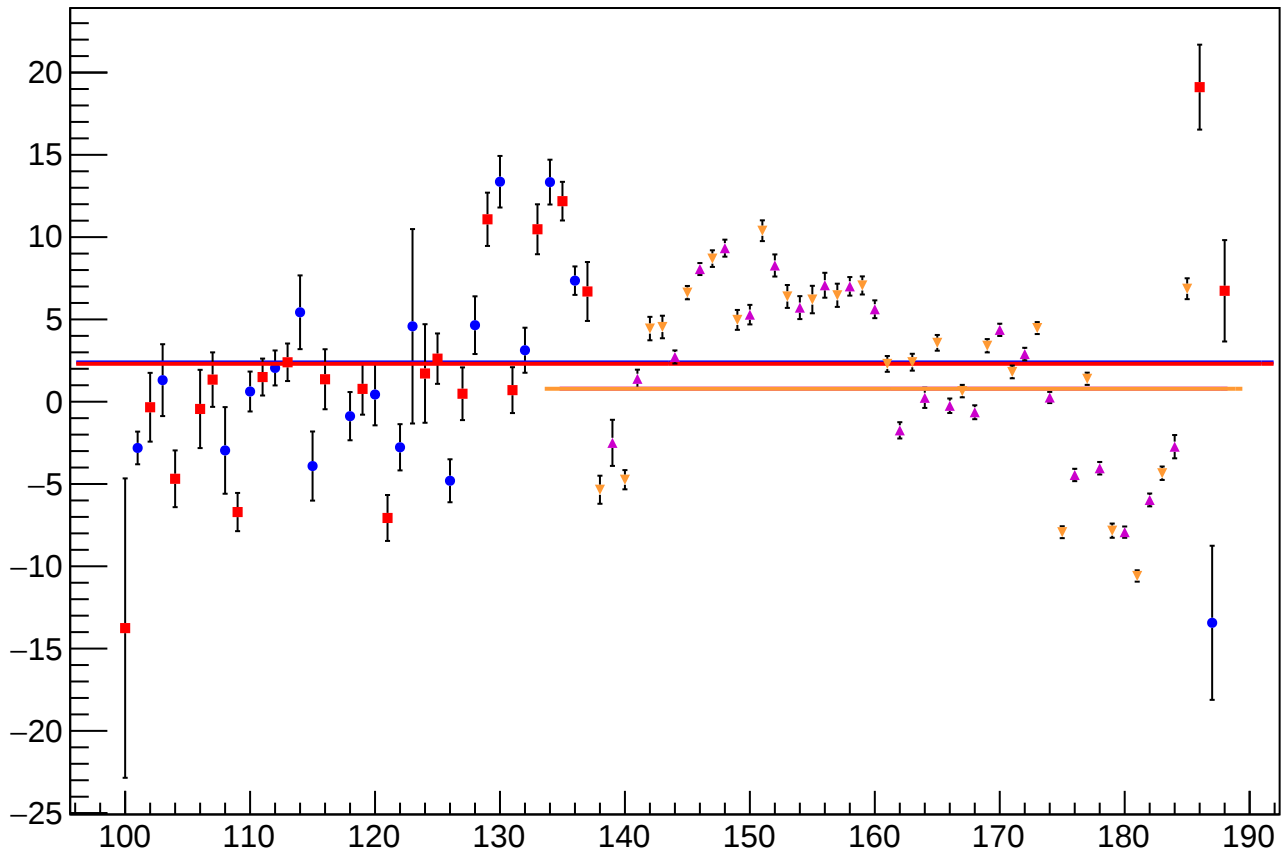
All: 6.287 ± 0.058 $\chi^2/\text{NDF}: 9404.3/86$

- sign 6.237 ± 0.083 $\chi^2/\text{NDF}: 4211.5/43$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



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: 2.305 $\pm$ 0.349 χ^2 /NDF: 312.3/20

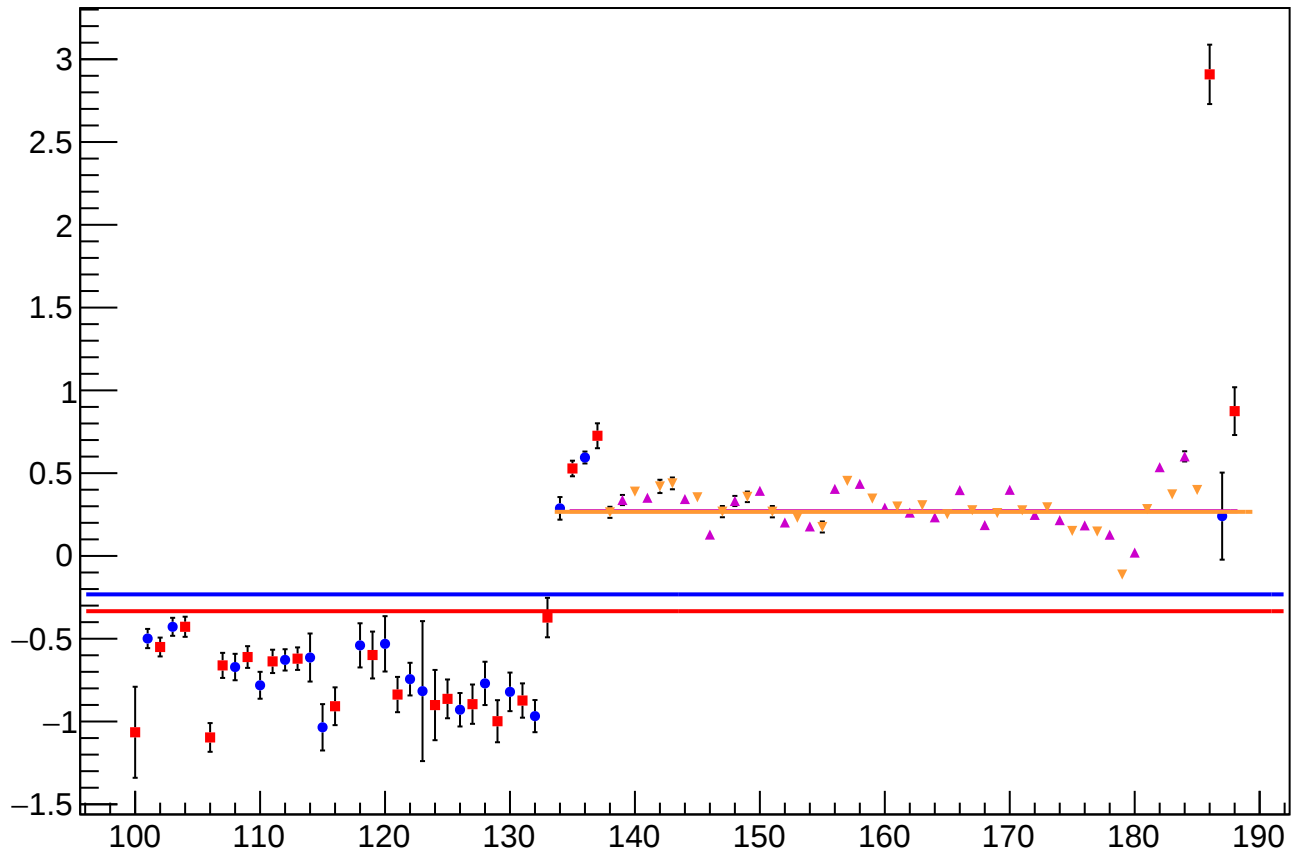
Left In: 0.791 $\pm$ 0.096 χ^2 /NDF:2697.7/22

+ sign 0.901 $\pm$ 0.092 χ^2 /NDF: 4021.8/42

All: 0.899 $\pm$ 0.065 χ^2 /NDF: 7049.2/86

- sign 0.898 $\pm$ 0.093 χ^2 /NDF: 3027.4/43

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.232 ± 0.019 $\chi^2/\text{NDF}: 961.7/17$

Left Out: 0.266 ± 0.004 $\chi^2/\text{NDF}: 698.1/24$

Right Out: -0.334 ± 0.019 $\chi^2/\text{NDF}: 1259.2/20$

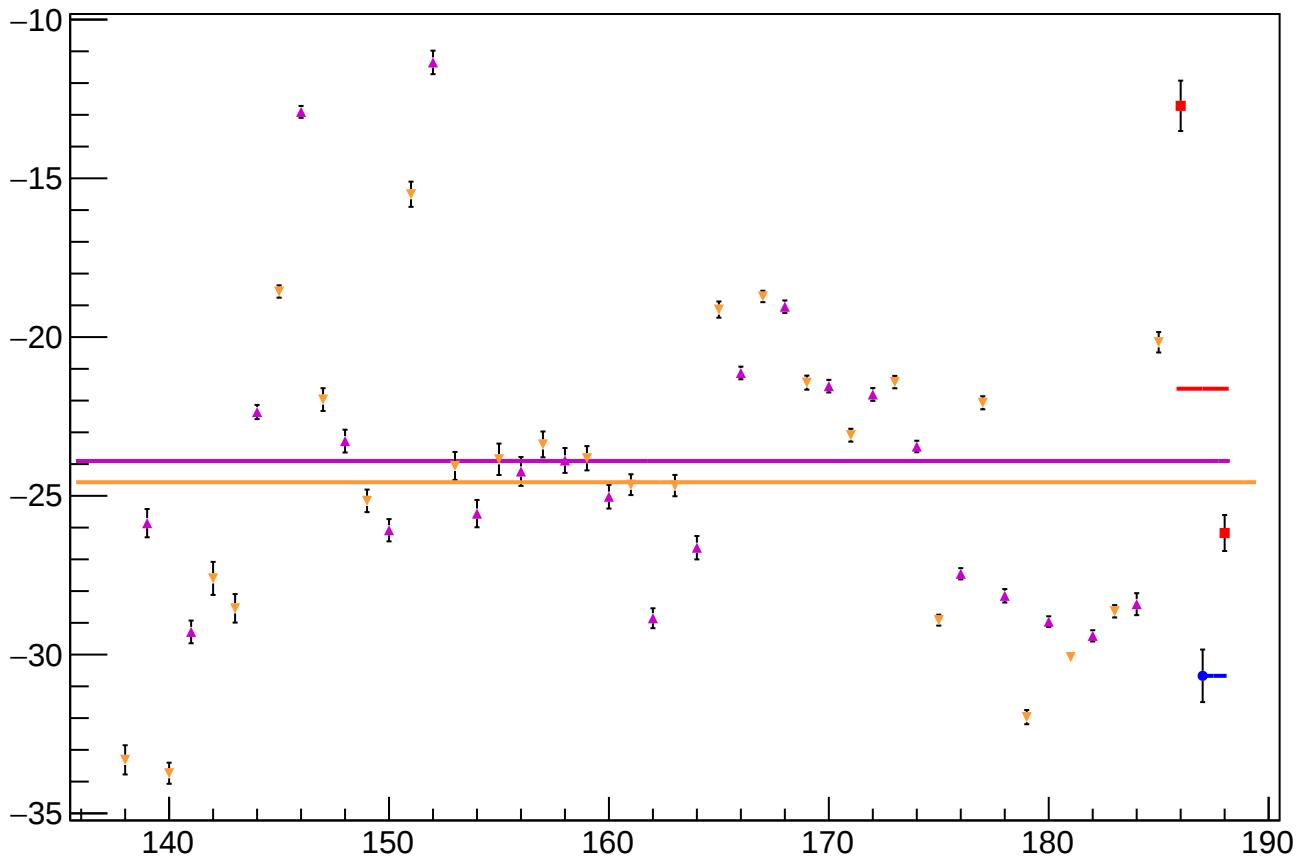
Left In: 0.270 ± 0.004 $\chi^2/\text{NDF}: 973.5/22$

+ sign 0.241 ± 0.004 $\chi^2/\text{NDF}: 2325.4/42$

All: 0.240 ± 0.003 $\chi^2/\text{NDF}: 5547.9/86$

- sign 0.239 ± 0.004 $\chi^2/\text{NDF}: 3222.4/43$

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: -21.626 ± 0.461 χ^2/NDF : 190.3/1

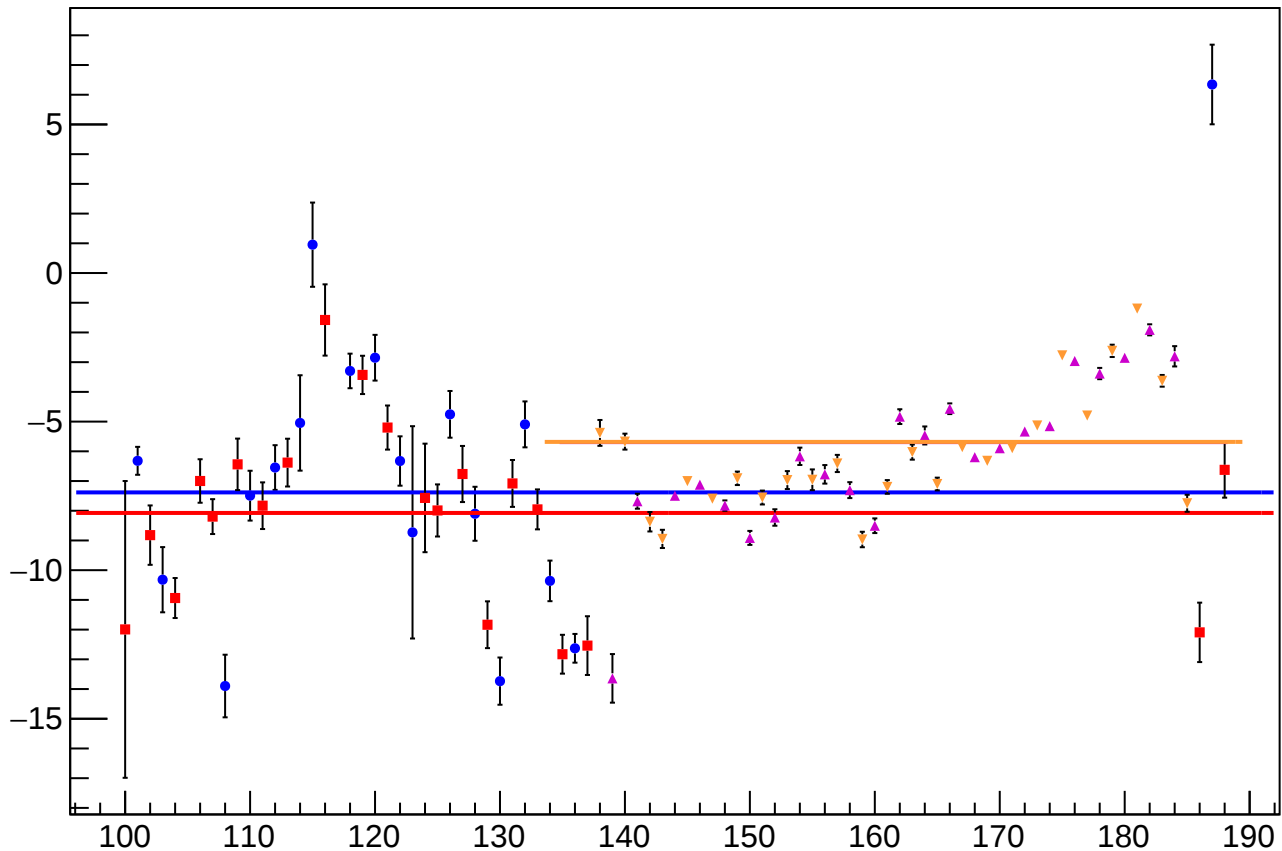
Left In: -23.902 ± 0.051 χ^2/NDF : 9158.9/22

+ sign -24.594 ± 0.051 χ^2/NDF : 8664.1/25

All: -24.232 ± 0.036 χ^2/NDF : 18137.9/50

- sign -23.875 ± 0.051 χ^2/NDF : 9373.3/24

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.383 ± 0.184 χ^2/NDF : 500.6/17

Left Out: -5.683 ± 0.041 χ^2/NDF : 2231.0/24

Right Out: -8.074 ± 0.179 χ^2/NDF : 244.2/20

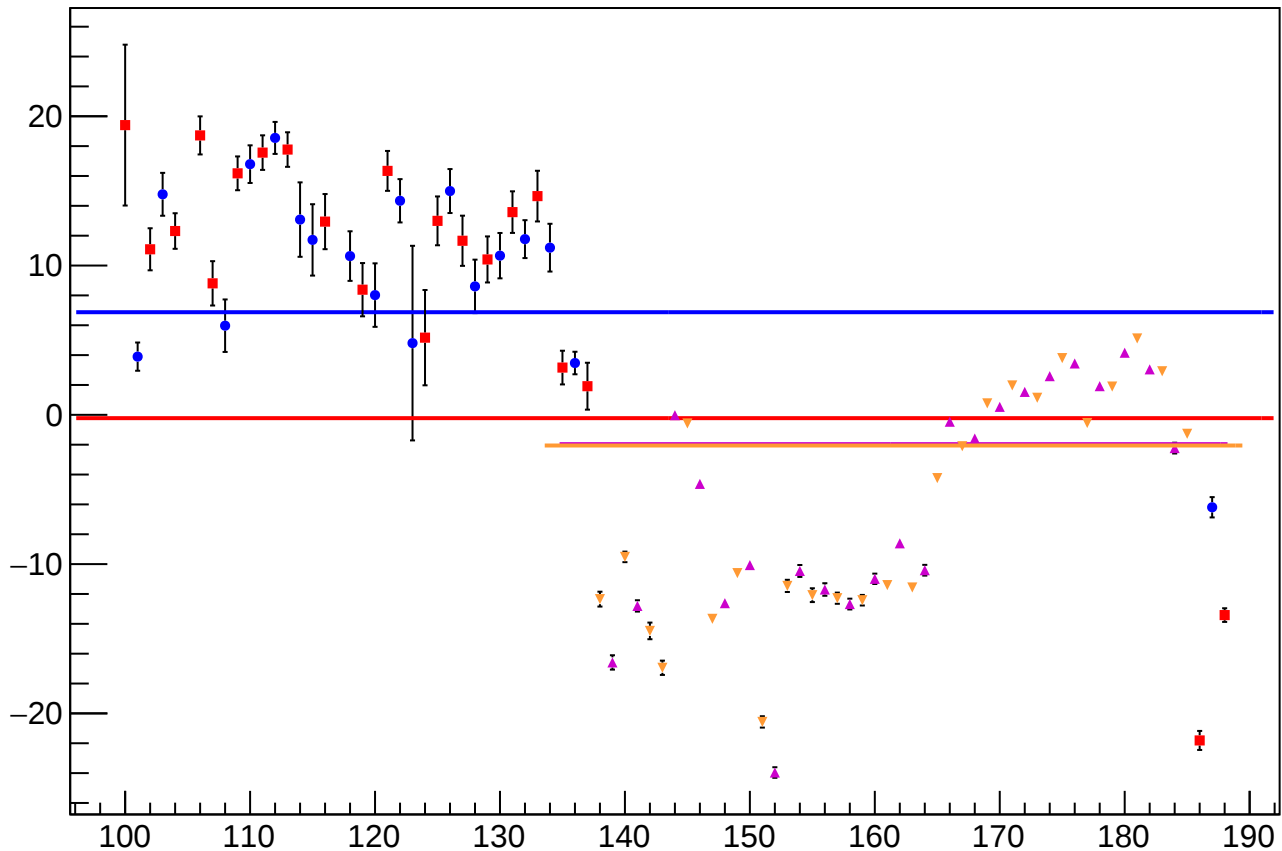
Left In: -5.690 ± 0.041 χ^2/NDF : 2328.2/22

+ sign -5.764 ± 0.040 χ^2/NDF : 2812.9/42

All: -5.785 ± 0.028 χ^2/NDF : 5554.1/86

- sign -5.806 ± 0.040 χ^2/NDF : 2740.6/43

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: -0.223 ± 0.248 χ^2/NDF : 3692.1/20

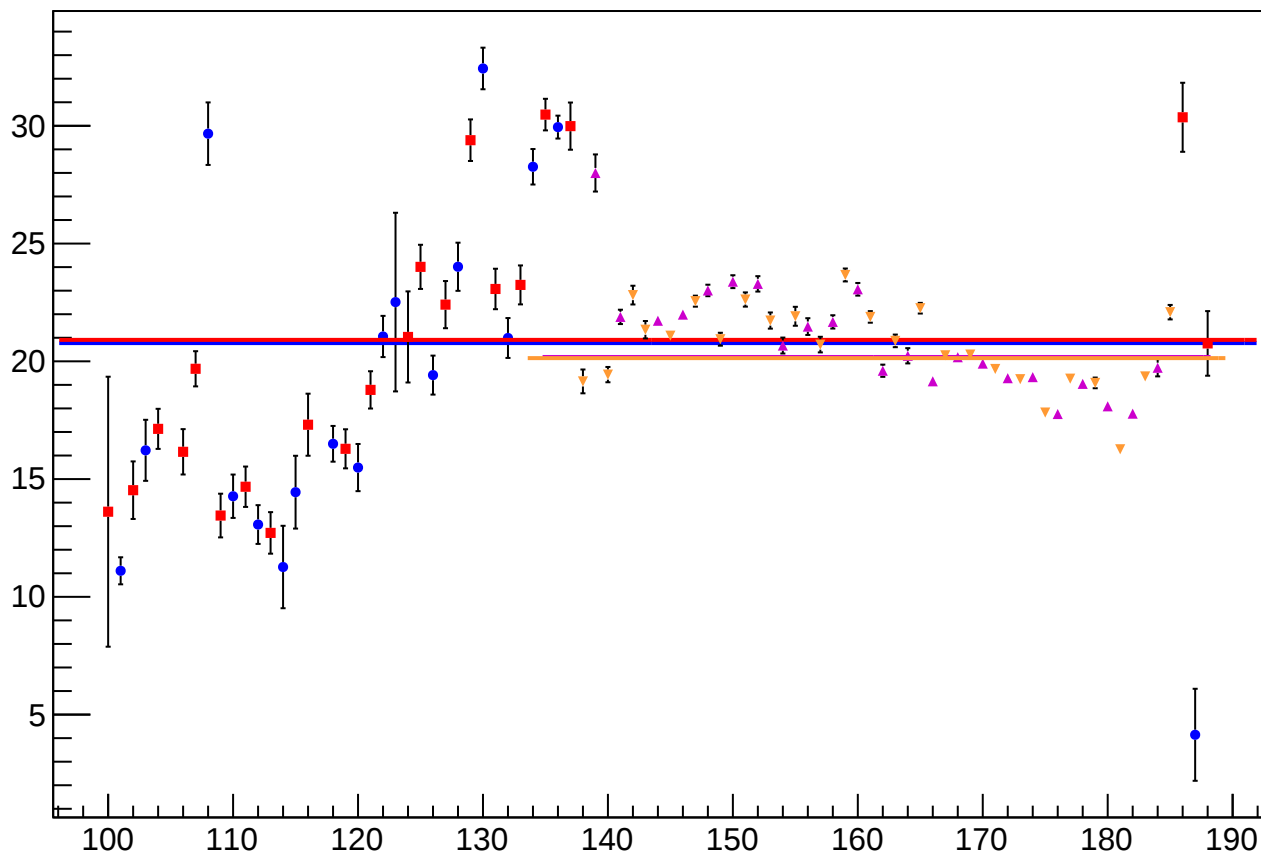
Left In: -1.963 ± 0.051 χ^2/NDF : 15492.9/22

+ sign -1.803 ± 0.051 χ^2/NDF : 17605.4/42

All: -1.848 ± 0.036 χ^2/NDF : 36839.2/86

- sign -1.892 ± 0.050 χ^2/NDF : 19232.3/43

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: 20.911 $\pm$ 0.208 χ^2 /NDF: 772.3/20

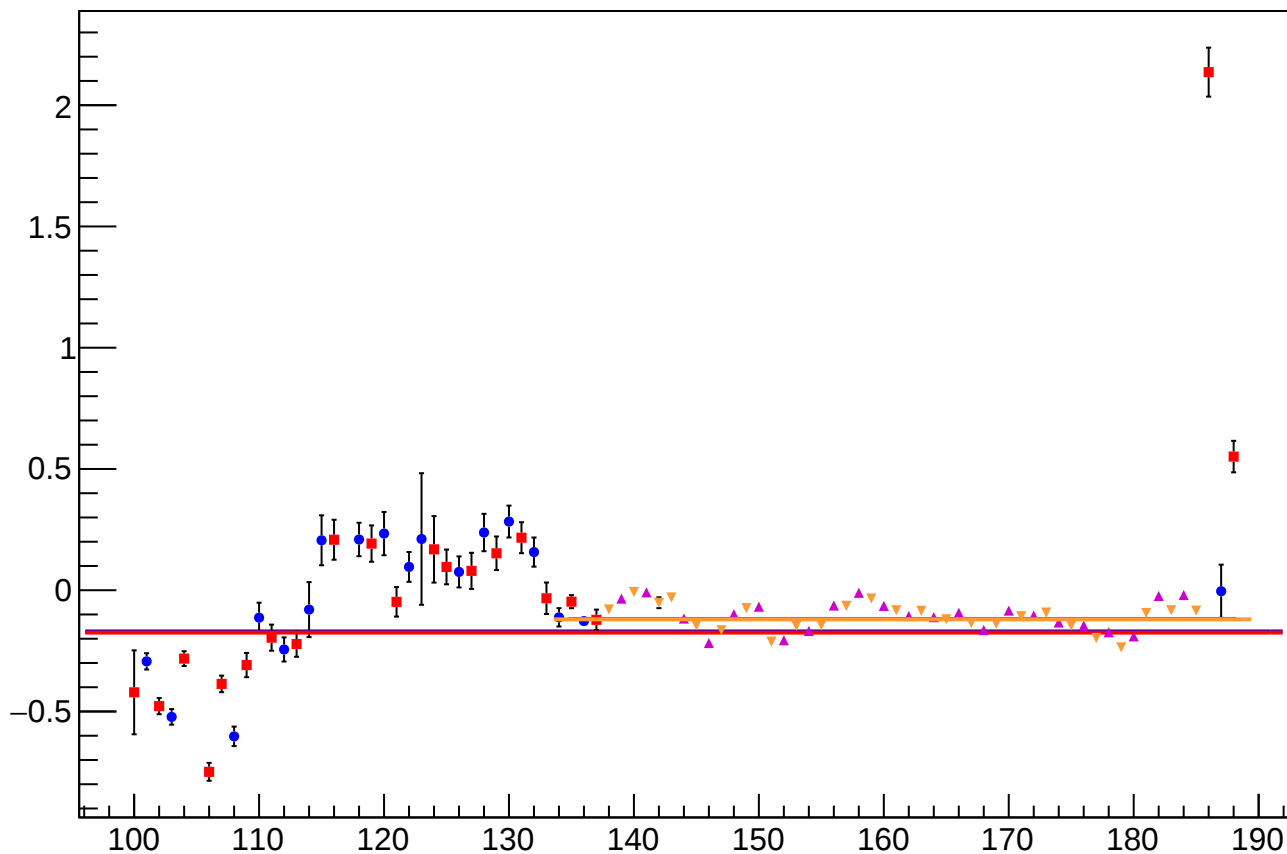
Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

+ sign 20.166 $\pm$ 0.045 χ^2 /NDF: 2722.0/42

All: 20.192 $\pm$ 0.032 χ^2 /NDF: 4977.3/86

- sign 20.218 $\pm$ 0.045 χ^2 /NDF: 2254.6/43

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: -0.175 ± 0.011 χ^2/NDF : 1203.7/20

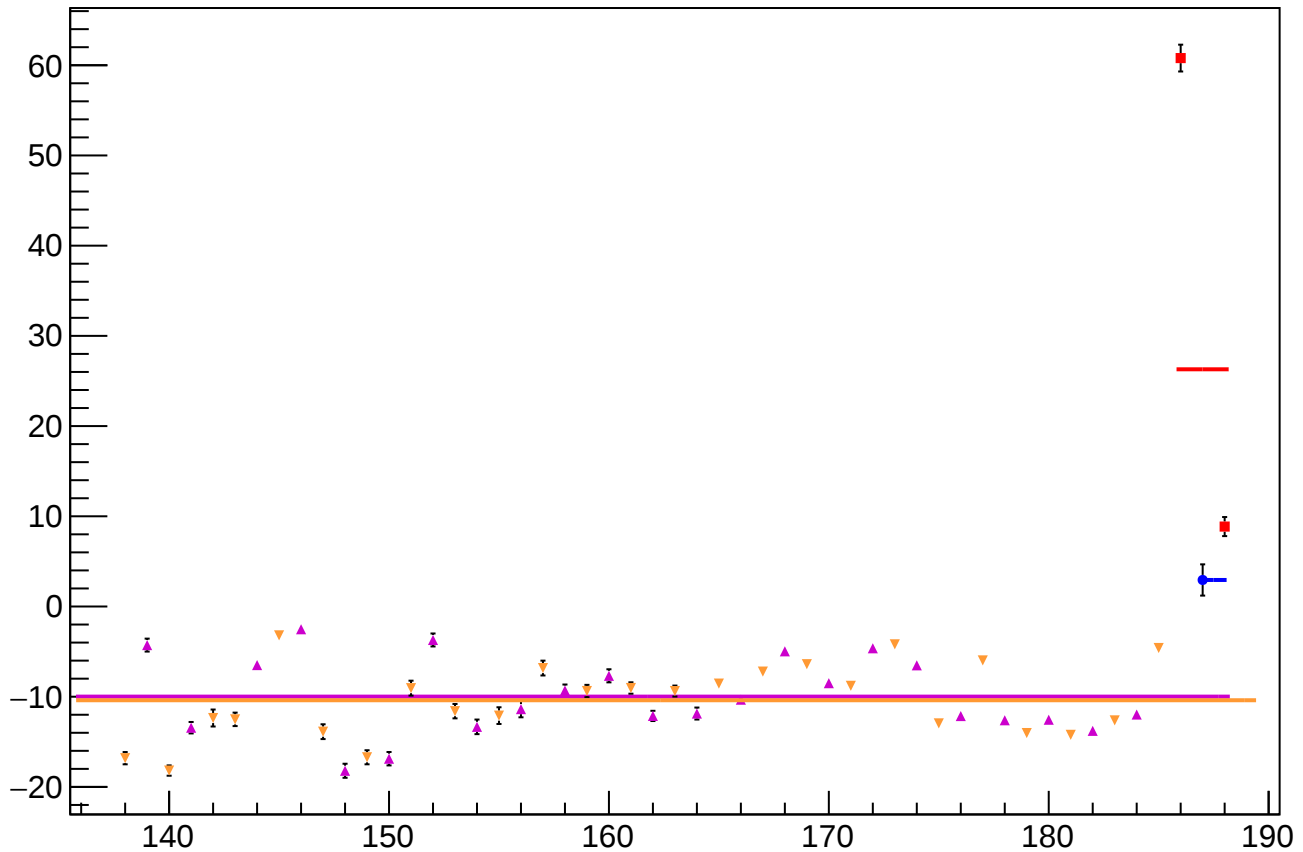
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.122 ± 0.002 χ^2/NDF : 1018.3/42

All: -0.121 ± 0.001 χ^2/NDF : 2976.0/86

- sign -0.121 ± 0.002 χ^2/NDF : 1957.5/43

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: 26.294 ± 0.861 χ^2/NDF : 810.7/1

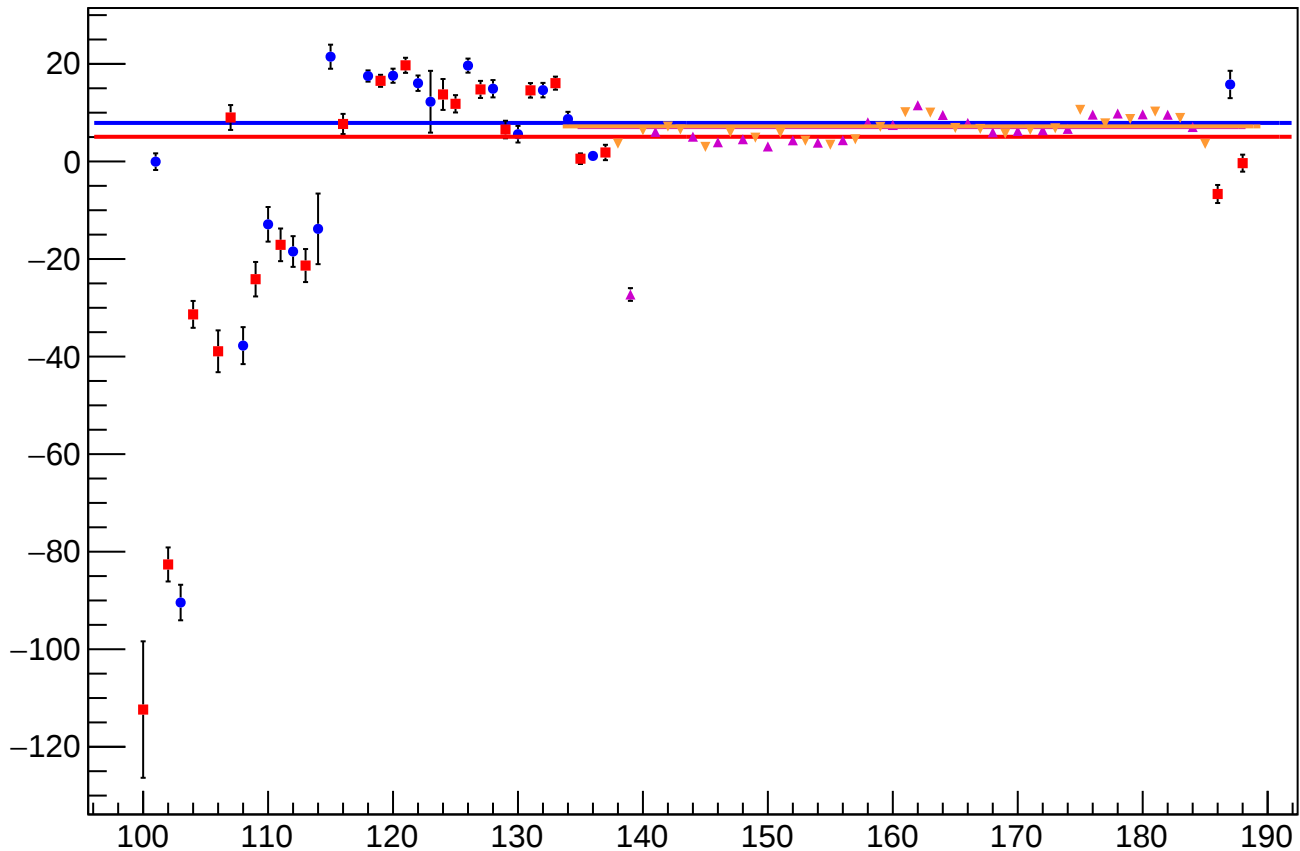
Left In: -9.990 ± 0.089 χ^2/NDF : 1794.2/22

+ sign -10.358 ± 0.088 χ^2/NDF : 2171.5/25

All: -9.985 ± 0.062 χ^2/NDF : 6568.6/50

- sign -9.605 ± 0.089 χ^2/NDF : 4360.7/24

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.899 ± 0.399 χ^2/NDF : 1366.5/17

Left Out: 7.187 ± 0.074 χ^2/NDF : 916.3/24

Right Out: 5.058 ± 0.411 χ^2/NDF : 1567.1/20

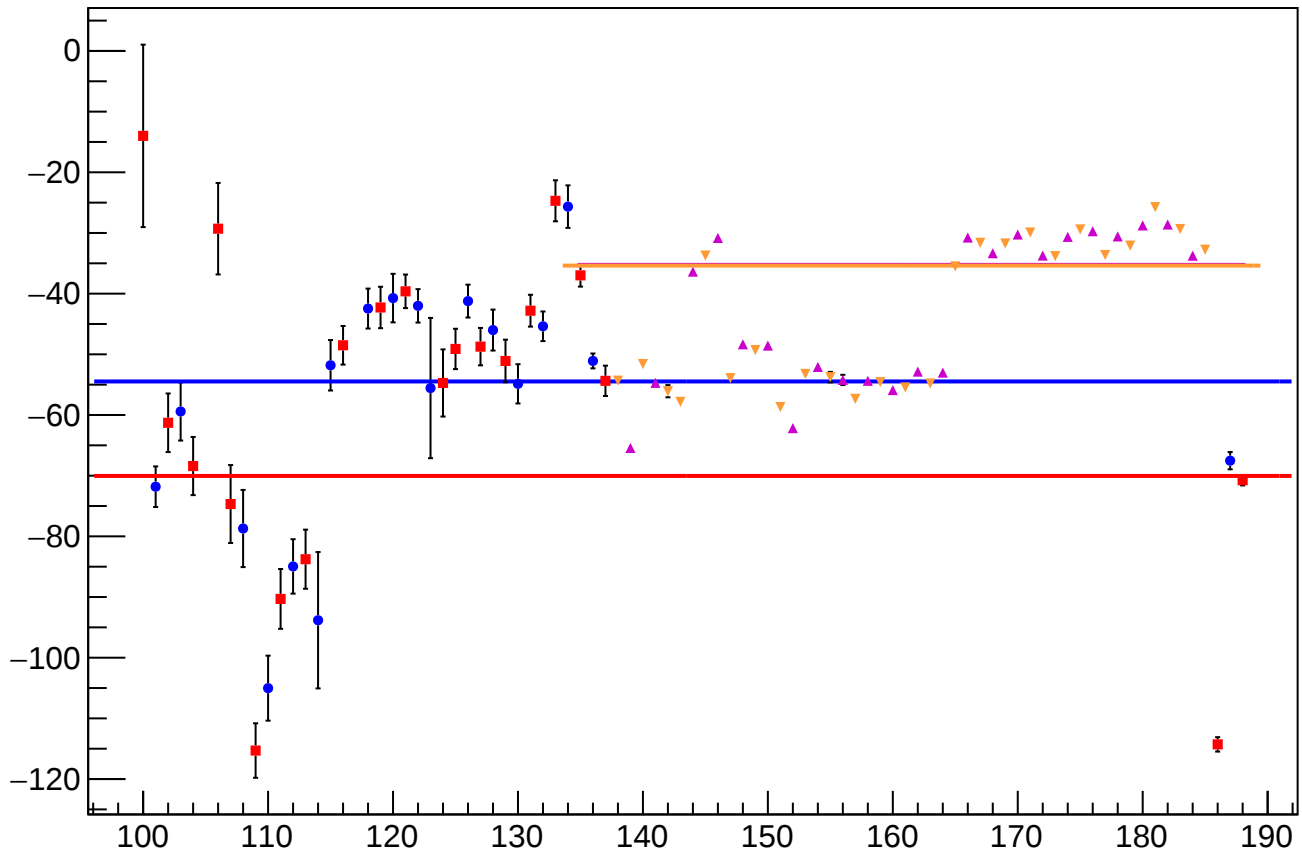
Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

+ sign 7.211 ± 0.072 χ^2/NDF : 2285.9/42

All: 7.096 ± 0.051 χ^2/NDF : 5485.1/86

- sign 6.981 ± 0.073 χ^2/NDF : 3194.2/43

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: -70.042 ± 0.523 χ^2/NDF : 2561.8/20

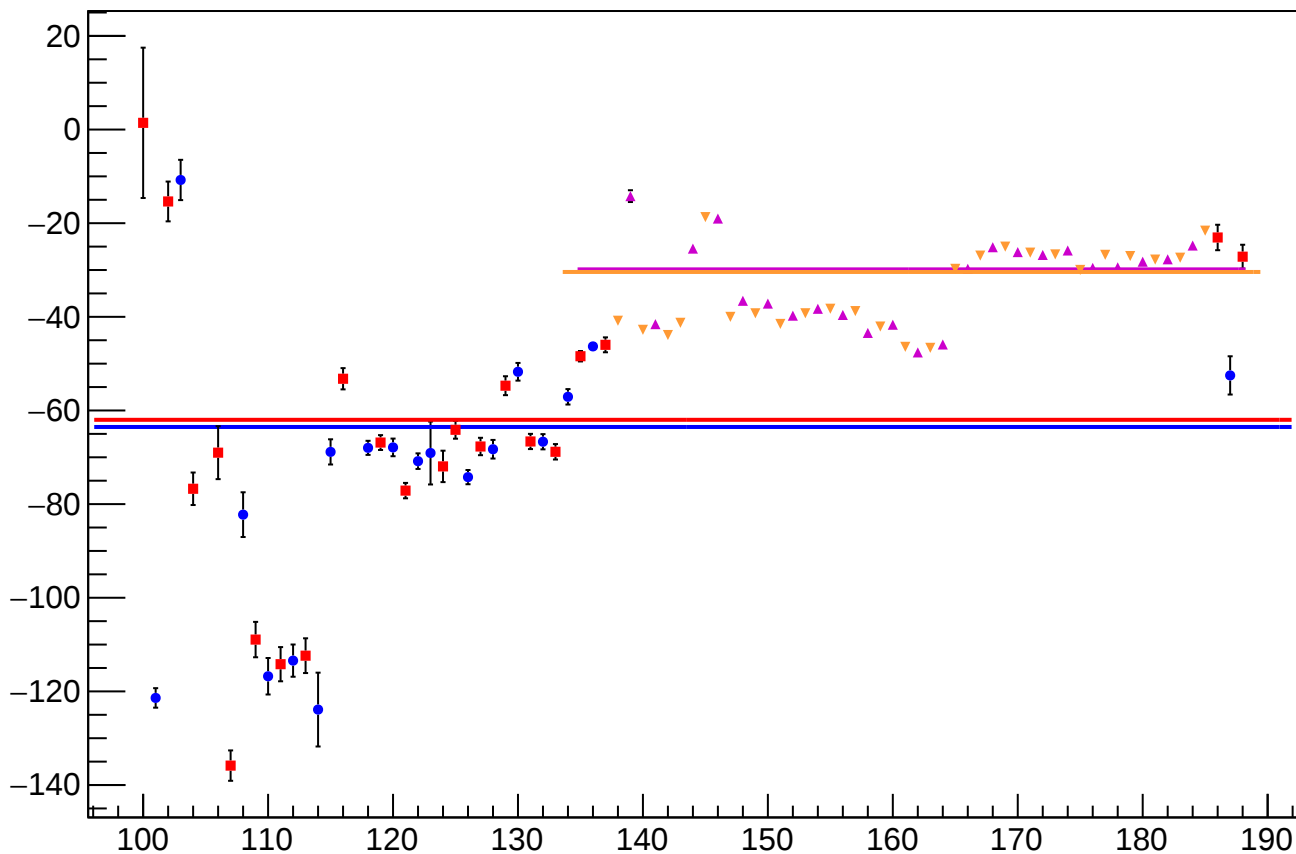
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.724 ± 0.088 χ^2/NDF : 13902.2/42

All: -35.989 ± 0.062 χ^2/NDF : 32547.2/86

- sign -36.255 ± 0.088 χ^2/NDF : 18627.0/43

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.525 ± 0.443 χ^2/NDF : 2022.1/17

Left Out: -30.415 ± 0.082 χ^2/NDF : 8132.2/24

Right Out: -61.994 ± 0.467 χ^2/NDF : 2025.4/20

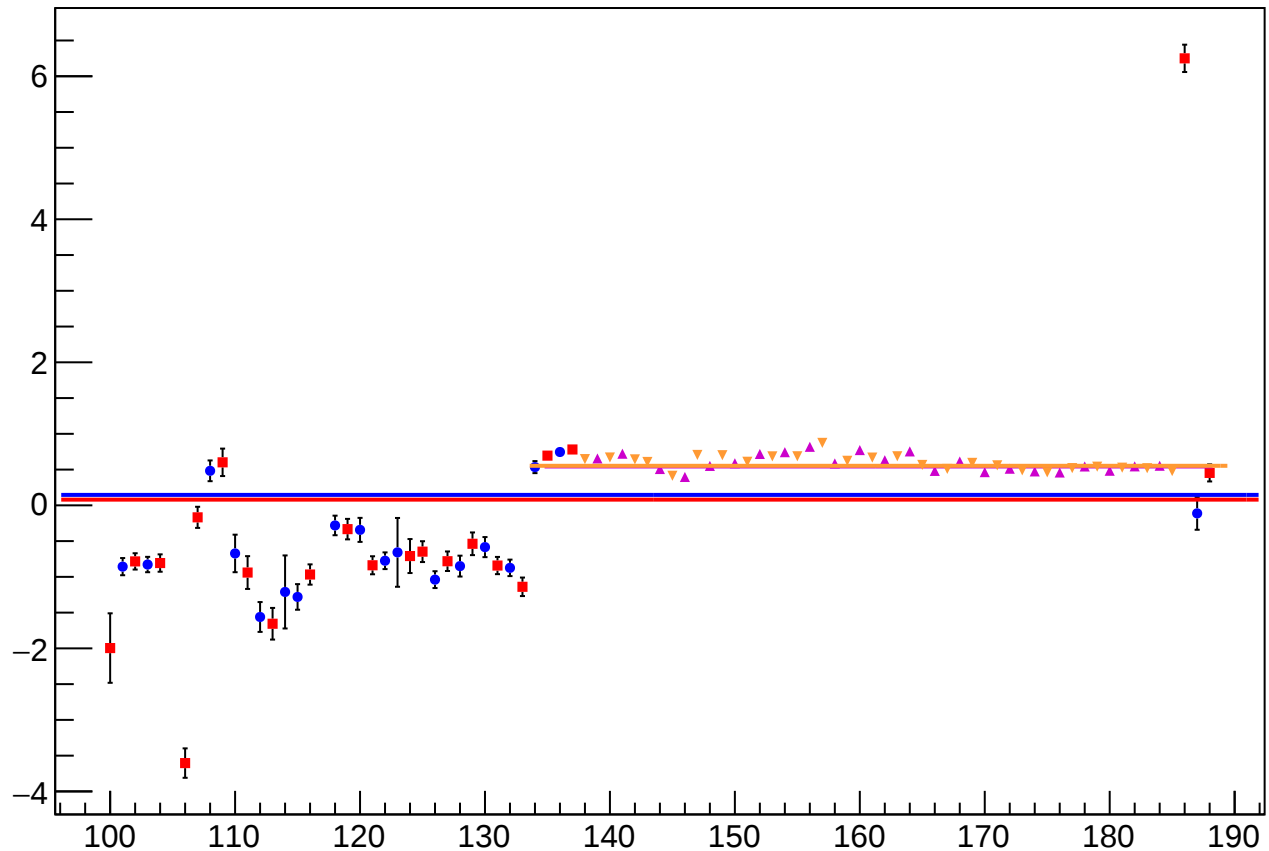
Left In: -29.863 ± 0.082 χ^2/NDF : 7145.9/22

+ sign -31.503 ± 0.080 χ^2/NDF : 15563.2/42

All: -31.170 ± 0.057 χ^2/NDF : 29360.1/86

- sign -30.830 ± 0.081 χ^2/NDF : 13762.0/43

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: 0.080 $\pm$ 0.025 χ^2 /NDF: 2245.6/20

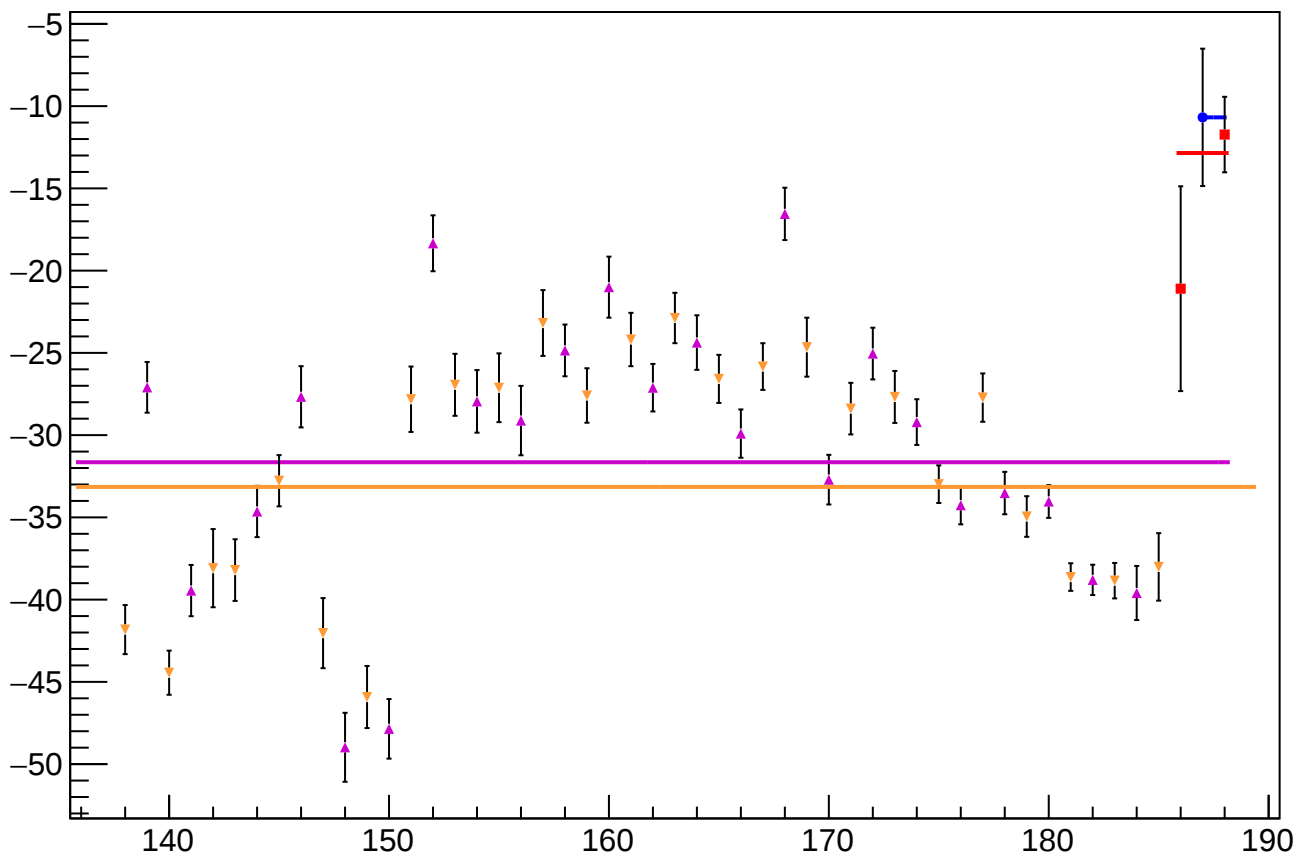
Left In: 0.544 $\pm$ 0.004 χ^2 /NDF: 659.2/22

+ sign 0.543 $\pm$ 0.004 χ^2 /NDF: 1818.3/42

All: 0.538 $\pm$ 0.003 χ^2 /NDF: 5053.5/86

- sign 0.534 $\pm$ 0.004 χ^2 /NDF: 3231.7/43

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: -12.849 ± 2.154 χ^2/NDF : 2.0/1

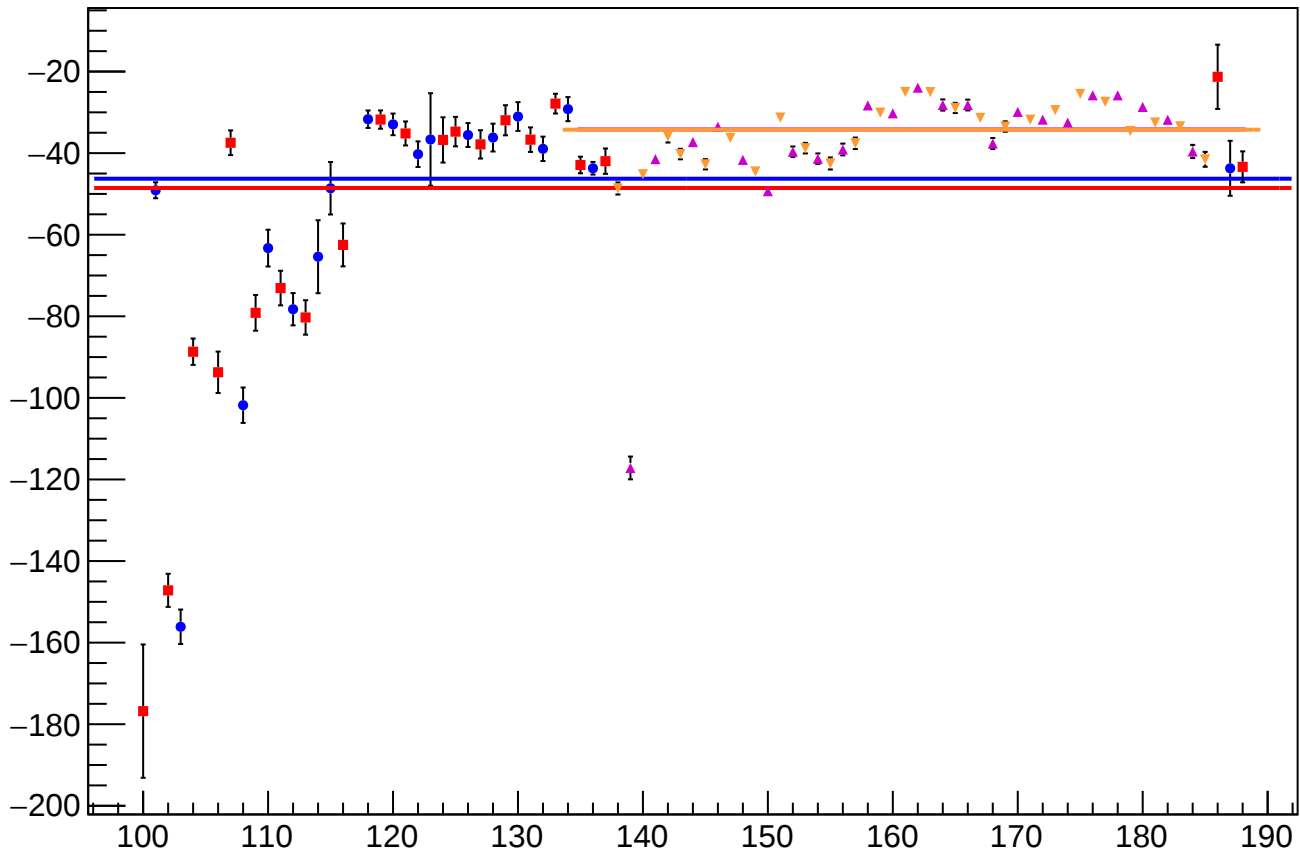
Left In: -31.647 ± 0.308 χ^2/NDF : 546.9/22

+ sign -33.032 ± 0.300 χ^2/NDF : 528.8/25

All: -32.165 ± 0.214 χ^2/NDF : 1169.3/50

- sign -31.271 ± 0.305 χ^2/NDF : 623.5/24

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: -48.543 ± 0.745 χ^2/NDF : 1285.8/20

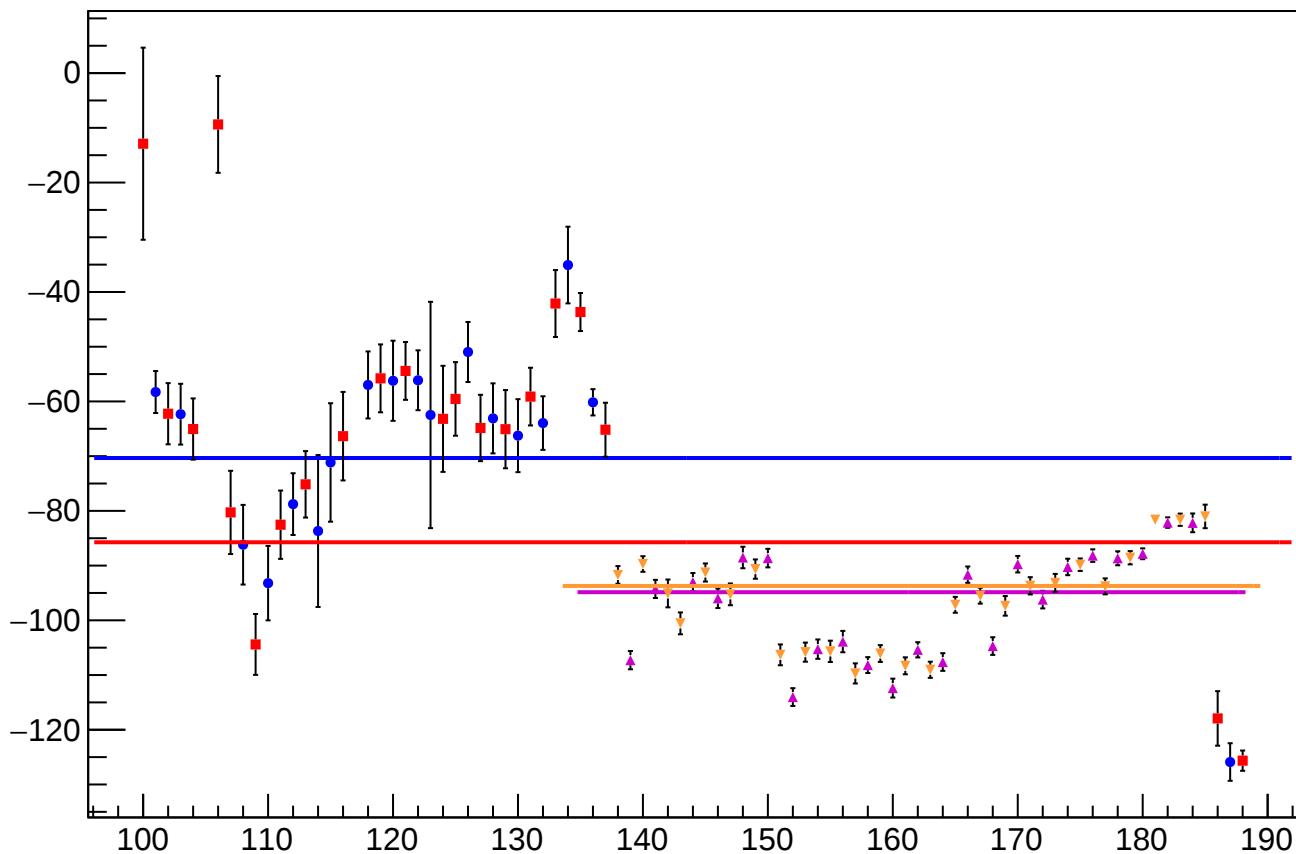
Left In: -34.189 ± 0.250 χ^2/NDF : 1546.1/22

+ sign -35.481 ± 0.229 χ^2/NDF : 2028.5/42

All: -35.559 ± 0.165 χ^2/NDF : 5194.0/86

- sign -35.643 ± 0.237 χ^2/NDF : 3165.2/43

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: -85.738 ± 1.080 χ^2/NDF : 989.3/20

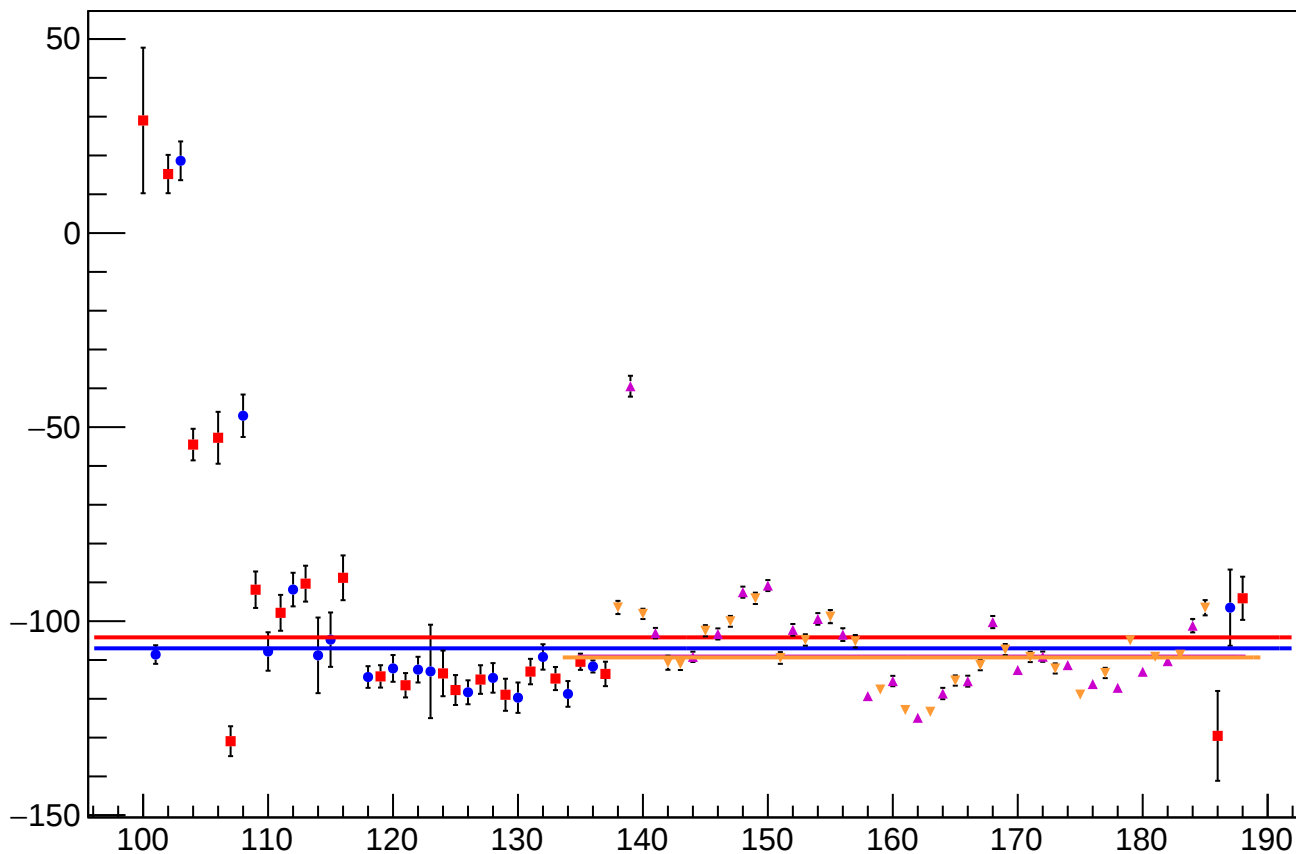
Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

+ sign -92.375 ± 0.293 χ^2/NDF : 1589.8/42

All: -93.270 ± 0.208 χ^2/NDF : 3649.3/86

- sign -94.178 ± 0.296 χ^2/NDF : 2040.9/43

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -106.995 ± 0.809 χ^2/NDF : 829.5/17

Left Out: -109.338 ± 0.272 χ^2/NDF : 826.2/24

Right Out: -104.169 ± 0.849 χ^2/NDF : 1026.7/20

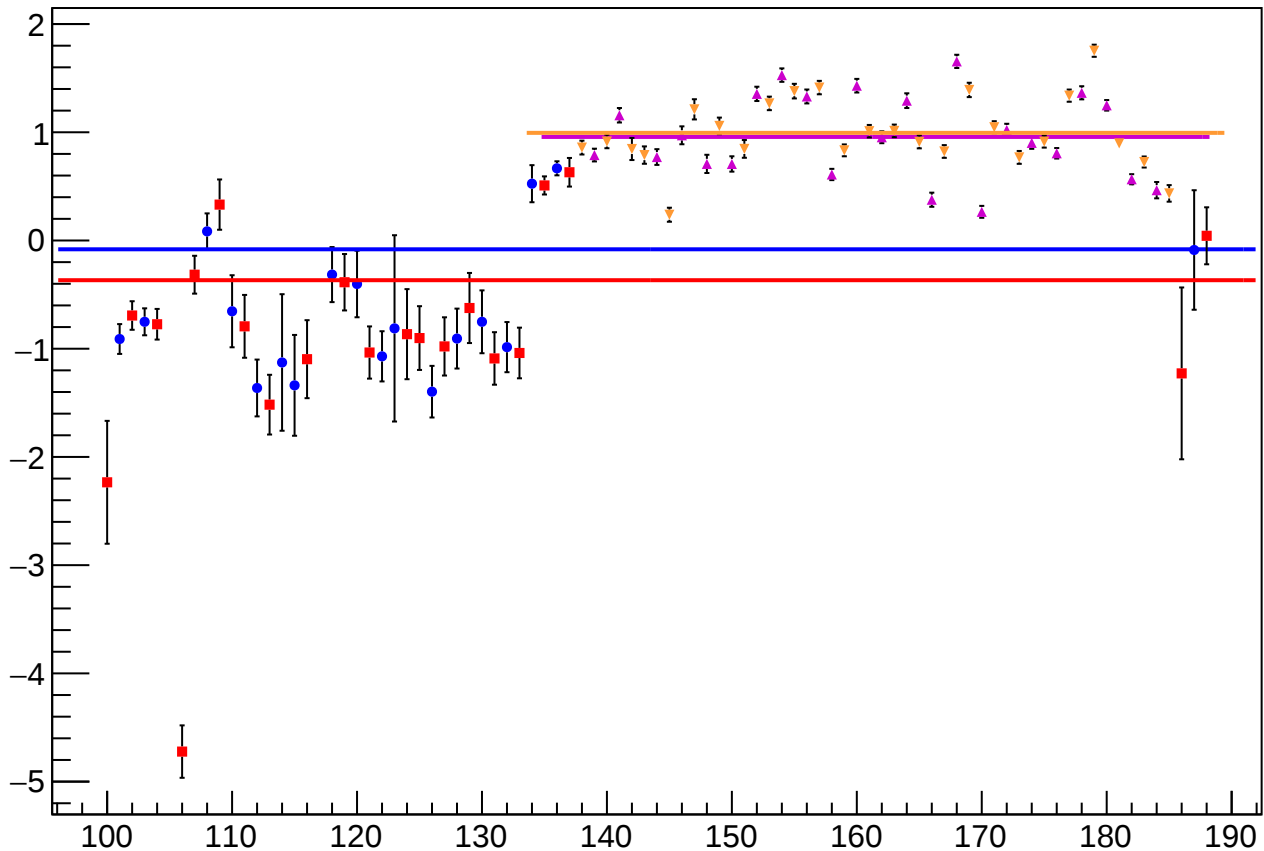
Left In: -109.126 ± 0.279 χ^2/NDF : 1578.7/22

+ sign -109.100 ± 0.258 χ^2/NDF : 1663.2/42

All: -108.878 ± 0.185 χ^2/NDF : 4301.0/86

- sign -108.642 ± 0.265 χ^2/NDF : 2636.3/43

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: -0.367 ± 0.043 χ^2/NDF : 586.7/20

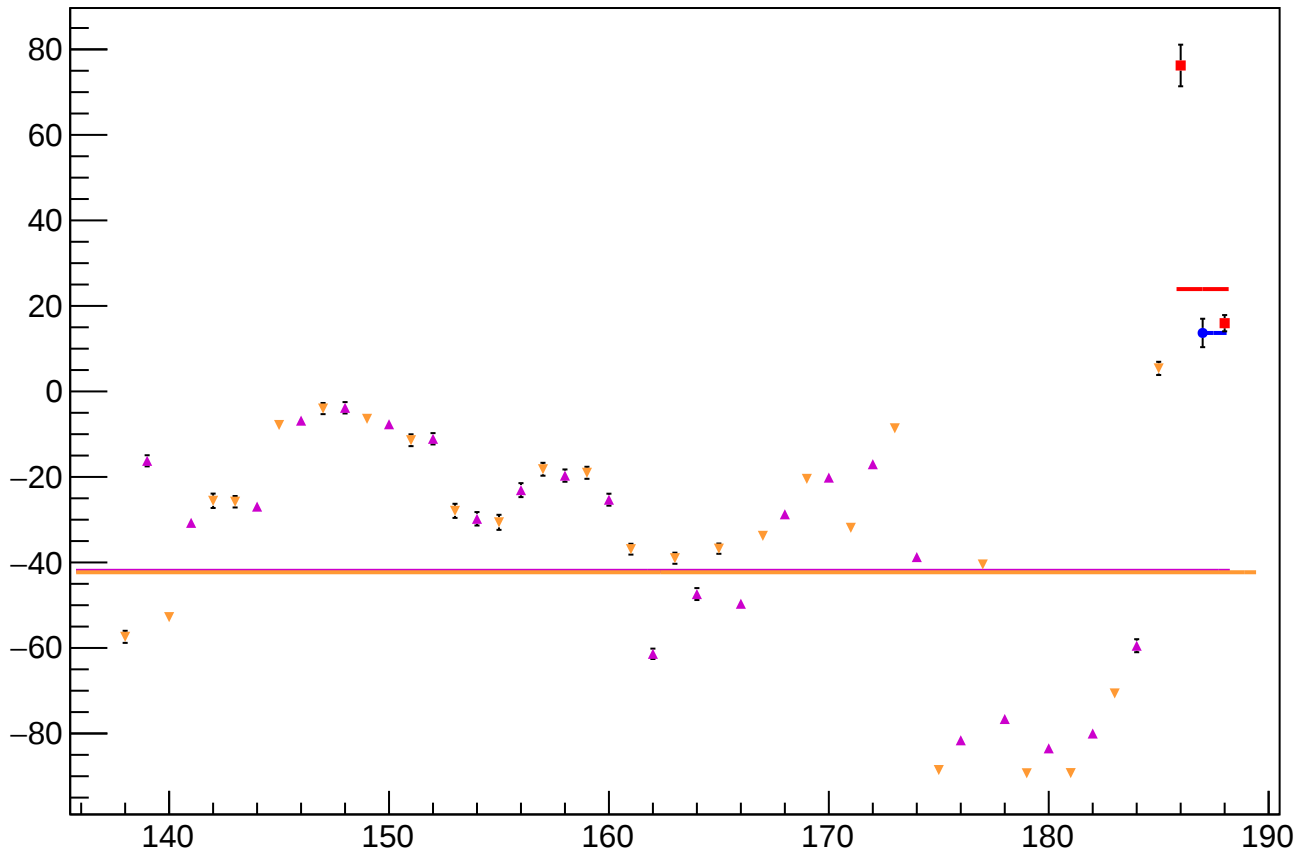
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.908 ± 0.012 χ^2/NDF : 1566.5/42

All: 0.881 ± 0.008 χ^2/NDF : 3924.4/86

- sign 0.853 ± 0.012 χ^2/NDF : 2347.5/43

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: 13.675 $\pm$ 3.323 χ^2 /NDF: 0.0/0

Left Out: -42.295 $\pm$ 0.222 χ^2 /NDF:18267.5/24

Right Out: 23.937 $\pm$ 1.771 χ^2 /NDF: 133.1/1

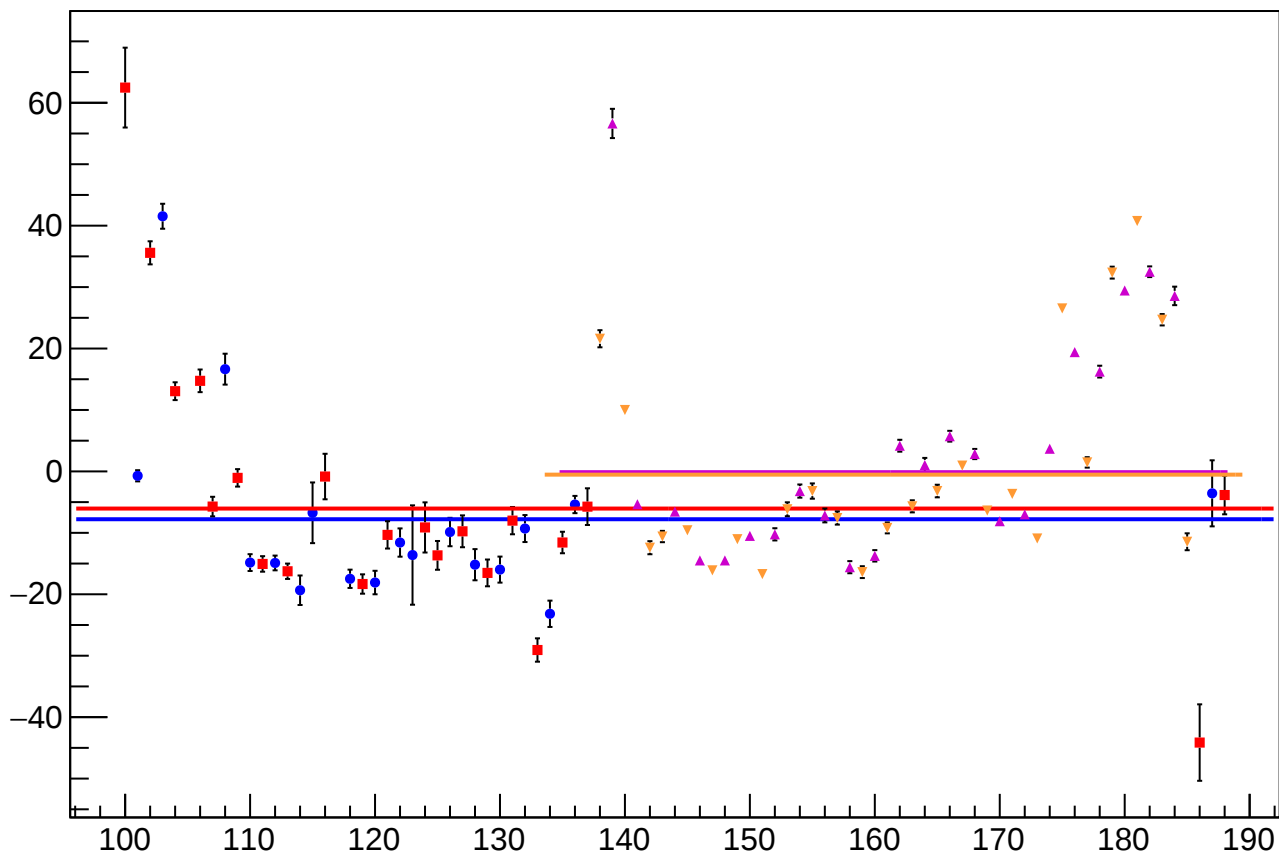
Left In: -41.955 $\pm$ 0.226 χ^2 /NDF:14723.4/22

+ sign -42.045 $\pm$ 0.222 χ^2 /NDF: 18549.9/25

All: -41.478 $\pm$ 0.158 χ^2 /NDF: 34782.4/50

- sign -40.899 $\pm$ 0.224 χ^2 /NDF: 16219.3/24

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: -6.048 ± 0.424 χ^2/NDF : 1331.1/20

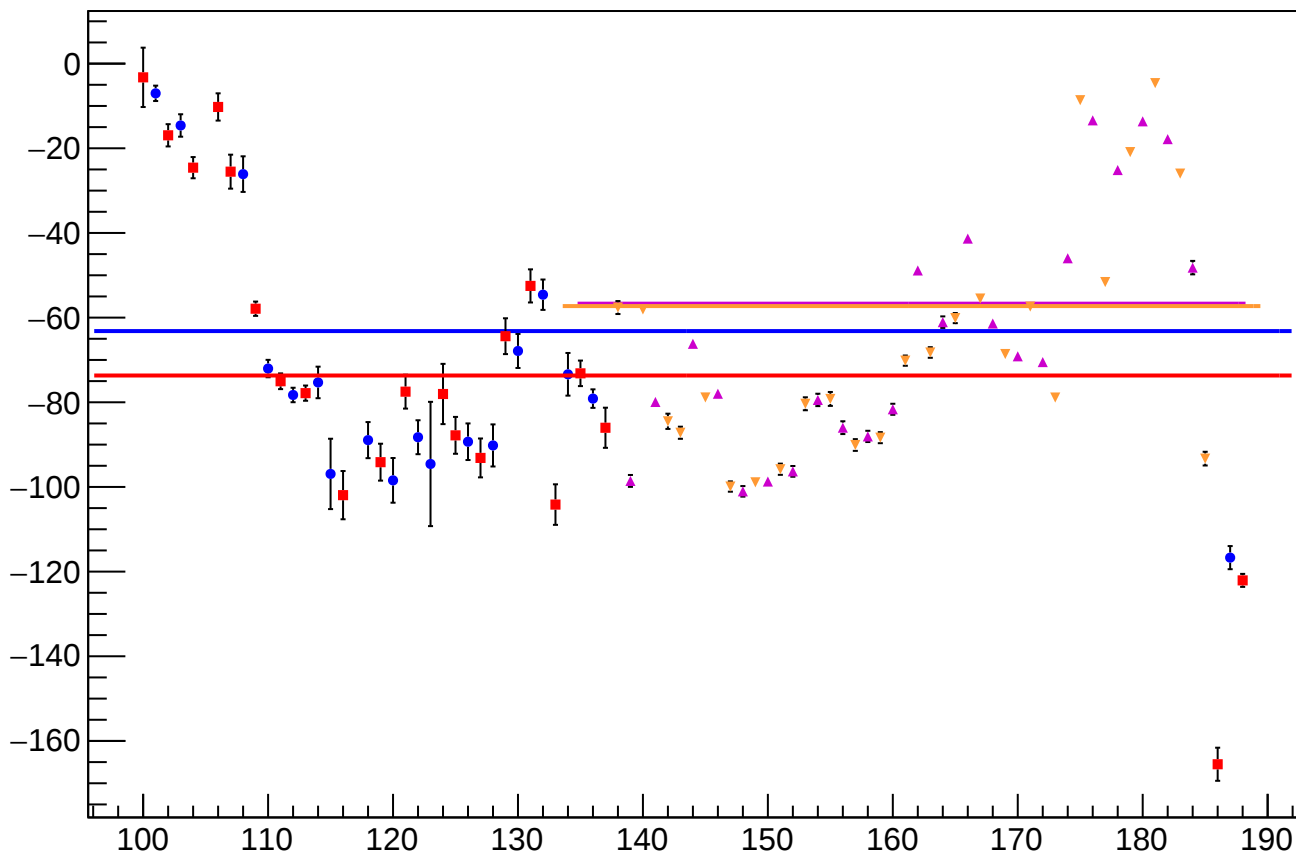
Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

+ sign -1.572 ± 0.162 χ^2/NDF : 9939.8/42

All: -1.300 ± 0.115 χ^2/NDF : 18367.4/86

- sign -1.017 ± 0.165 χ^2/NDF : 8421.8/43

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: -73.674 $\pm$ 0.632 χ^2 /NDF: 3278.8/20

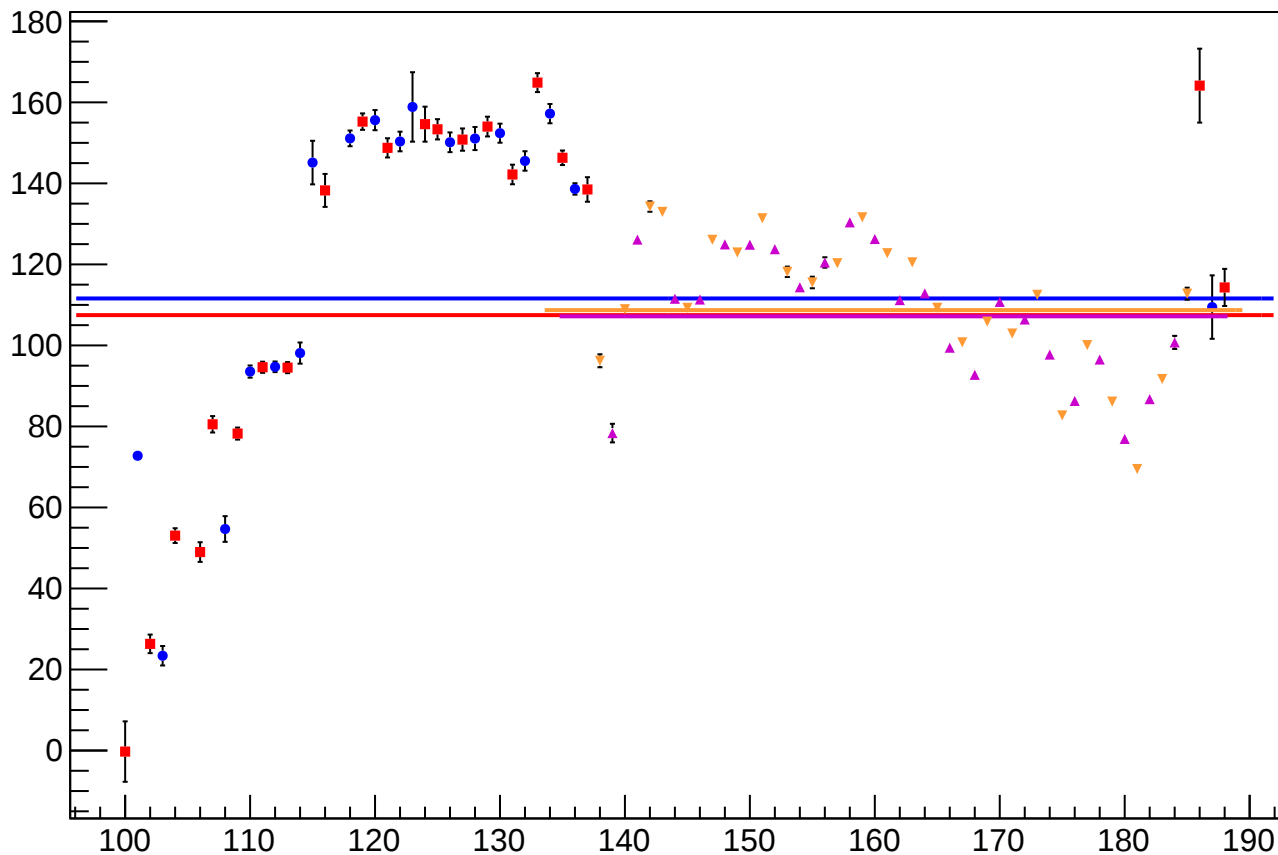
Left In: -56.705 $\pm$ 0.226 χ^2 /NDF:16547.5/22

+ sign -57.798 $\pm$ 0.213 χ^2 /NDF: 20705.4/42

All: -58.216 $\pm$ 0.151 χ^2 /NDF: 41179.2/86

- sign -58.631 $\pm$ 0.213 χ^2 /NDF: 20466.1/43

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: 107.477 $\pm$ 0.484 χ^2 /NDF: 7078.4/20

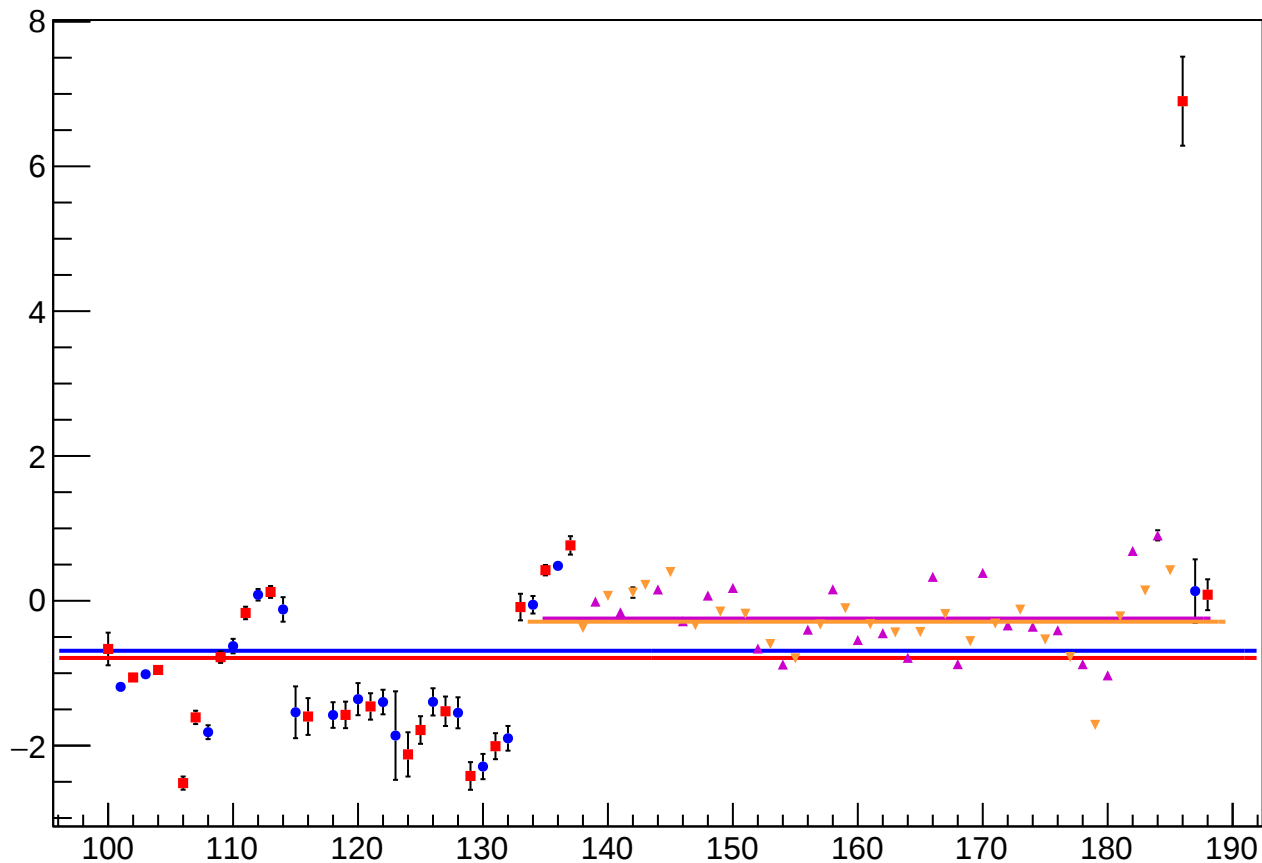
Left In: 107.180 $\pm$ 0.202 χ^2 /NDF: 5592.3/22

+ sign 109.118 $\pm$ 0.183 χ^2 /NDF: 13286.7/42

All: 108.187 $\pm$ 0.131 χ^2 /NDF: 26010.4/86

- sign 107.224 $\pm$ 0.186 χ^2 /NDF: 12671.1/43

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: -0.789 ± 0.024 χ^2/NDF : 1484.8/20

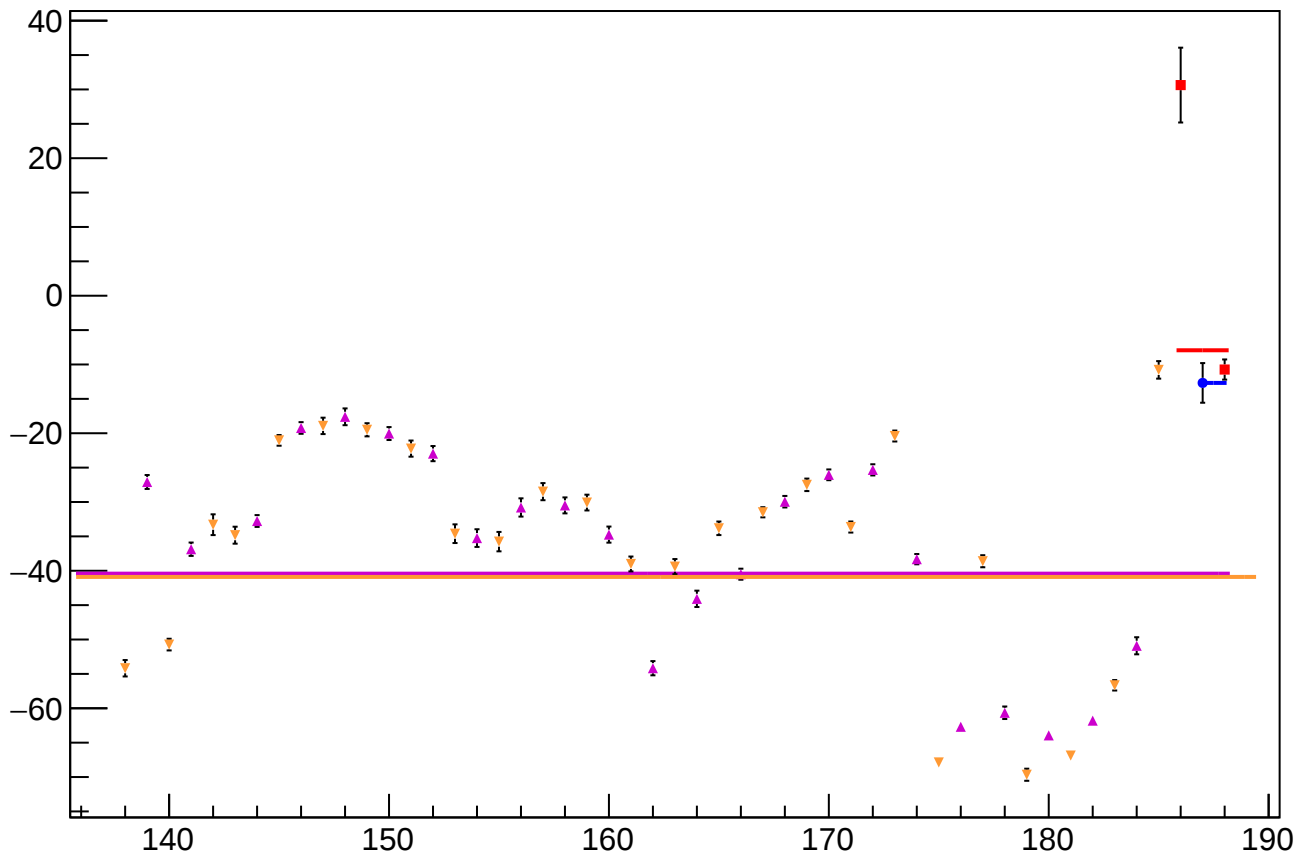
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.333 ± 0.009 χ^2/NDF : 3252.7/42

All: -0.324 ± 0.006 χ^2/NDF : 7986.5/86

- sign -0.315 ± 0.009 χ^2/NDF : 4731.4/43

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -12.681 ± 2.883 χ^2/NDF : 0.0/0

Left Out: -40.897 ± 0.186 χ^2/NDF : 9114.7/24

Right Out: -7.935 ± 1.416 χ^2/NDF : 53.9/1

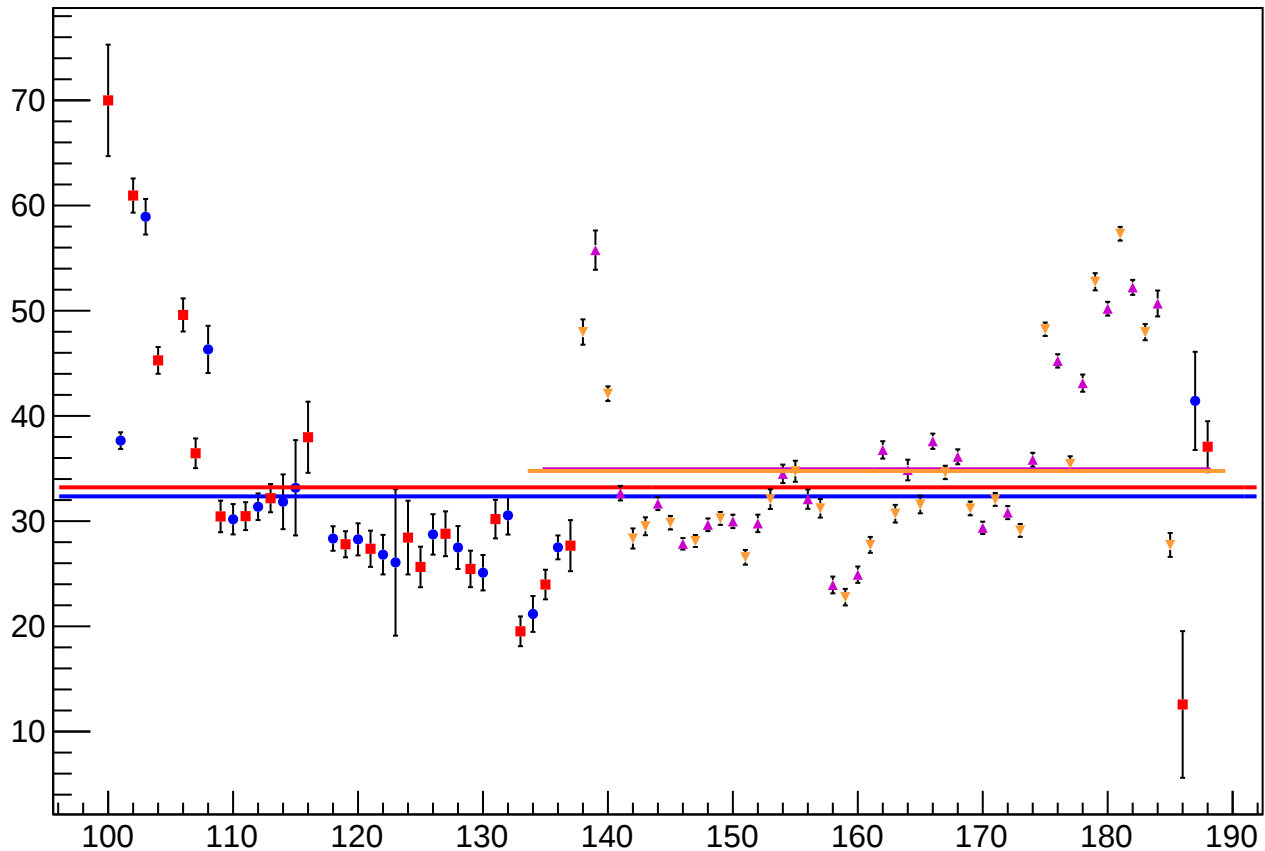
Left In: -40.422 ± 0.189 χ^2/NDF : 7030.2/22

+ sign -40.779 ± 0.186 χ^2/NDF : 9210.1/25

All: -40.319 ± 0.132 χ^2/NDF : 16823.7/50

- sign -39.854 ± 0.187 χ^2/NDF : 7601.4/24

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.353 $\pm$ 0.371 χ^2/NDF : 456.0/17

Left Out: 34.768 $\pm$ 0.148 χ^2/NDF : 3677.3/24

Right Out: 33.213 $\pm$ 0.374 χ^2/NDF : 781.6/20

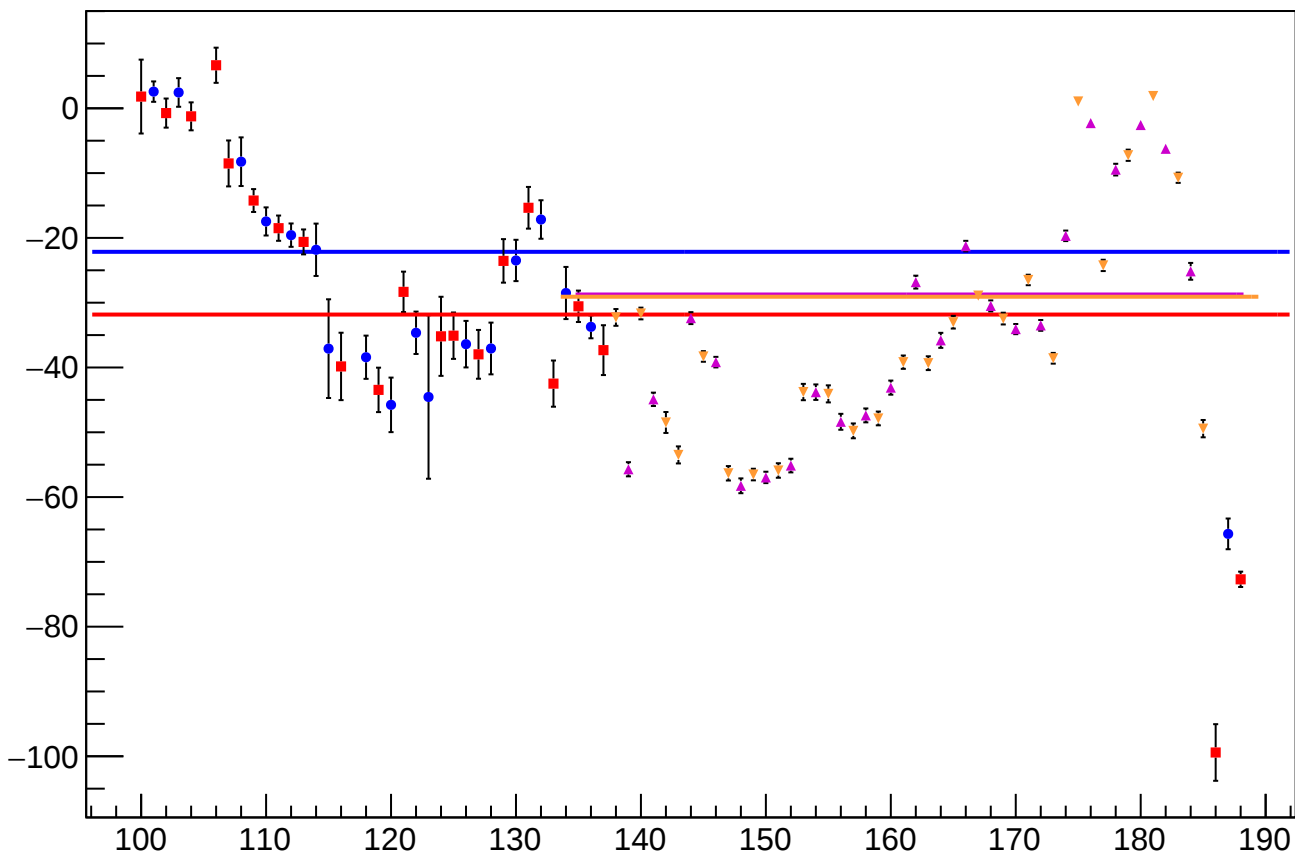
Left In: 34.928 $\pm$ 0.151 χ^2/NDF : 2688.4/22

+ sign 34.438 $\pm$ 0.137 χ^2/NDF : 4169.9/42

All: 34.560 $\pm$ 0.098 χ^2/NDF : 7659.5/86

- sign 34.687 $\pm$ 0.140 χ^2/NDF : 3488.1/43

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -22.149 ± 0.641 χ^2/NDF : 883.3/17

Left Out: -29.080 ± 0.187 χ^2/NDF : 10059.5/24

Right Out: -31.830 ± 0.561 χ^2/NDF : 2343.4/20

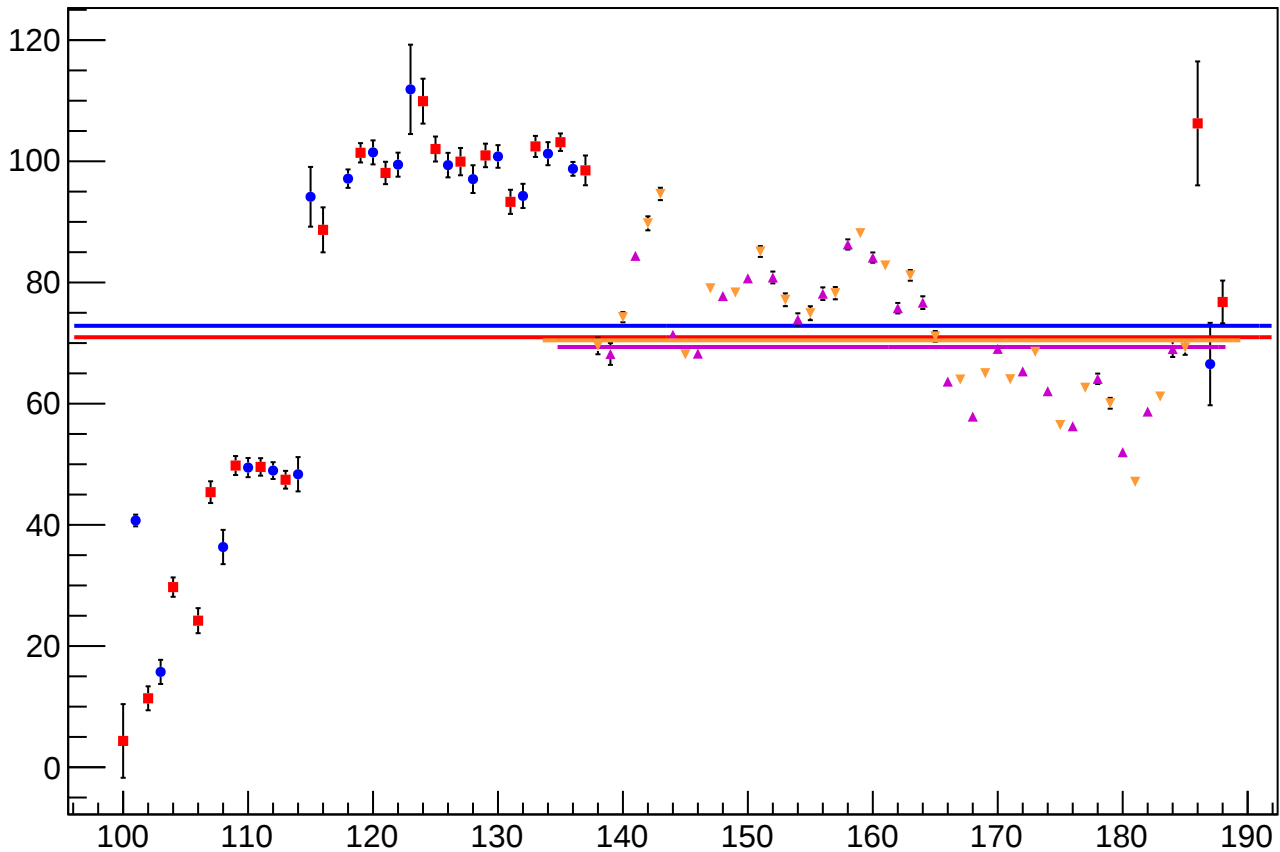
Left In: -28.735 ± 0.189 χ^2/NDF : 9155.5/22

+ sign -28.535 ± 0.180 χ^2/NDF : 11050.6/42

All: -28.794 ± 0.127 χ^2/NDF : 22580.9/86

- sign -29.051 ± 0.179 χ^2/NDF : 11526.2/43

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.850 $\pm$ 0.425 χ^2 /NDF: 4738.8/17

Left Out: 70.450 $\pm$ 0.167 χ^2 /NDF:4484.7/24

Right Out: 70.966 $\pm$ 0.430 χ^2 /NDF: 5504.0/20

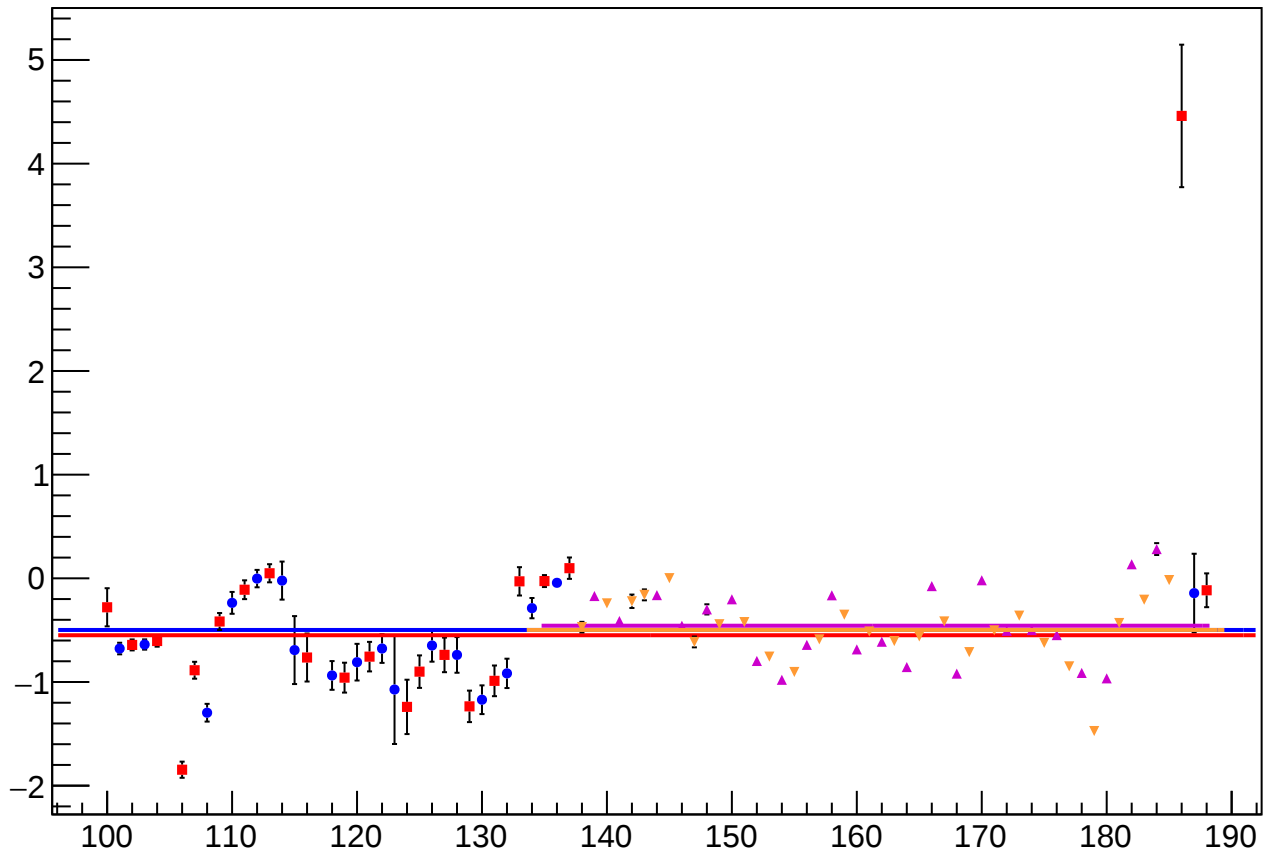
Left In: 69.350 $\pm$ 0.170 χ^2 /NDF:3330.7/22

+ sign 70.769 $\pm$ 0.155 χ^2 /NDF: 9251.1/42

All: 70.179 $\pm$ 0.111 χ^2 /NDF: 18127.6/86

- sign 69.568 $\pm$ 0.158 χ^2 /NDF: 8847.0/43

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: -0.549 ± 0.021 χ^2/NDF : 622.9/20

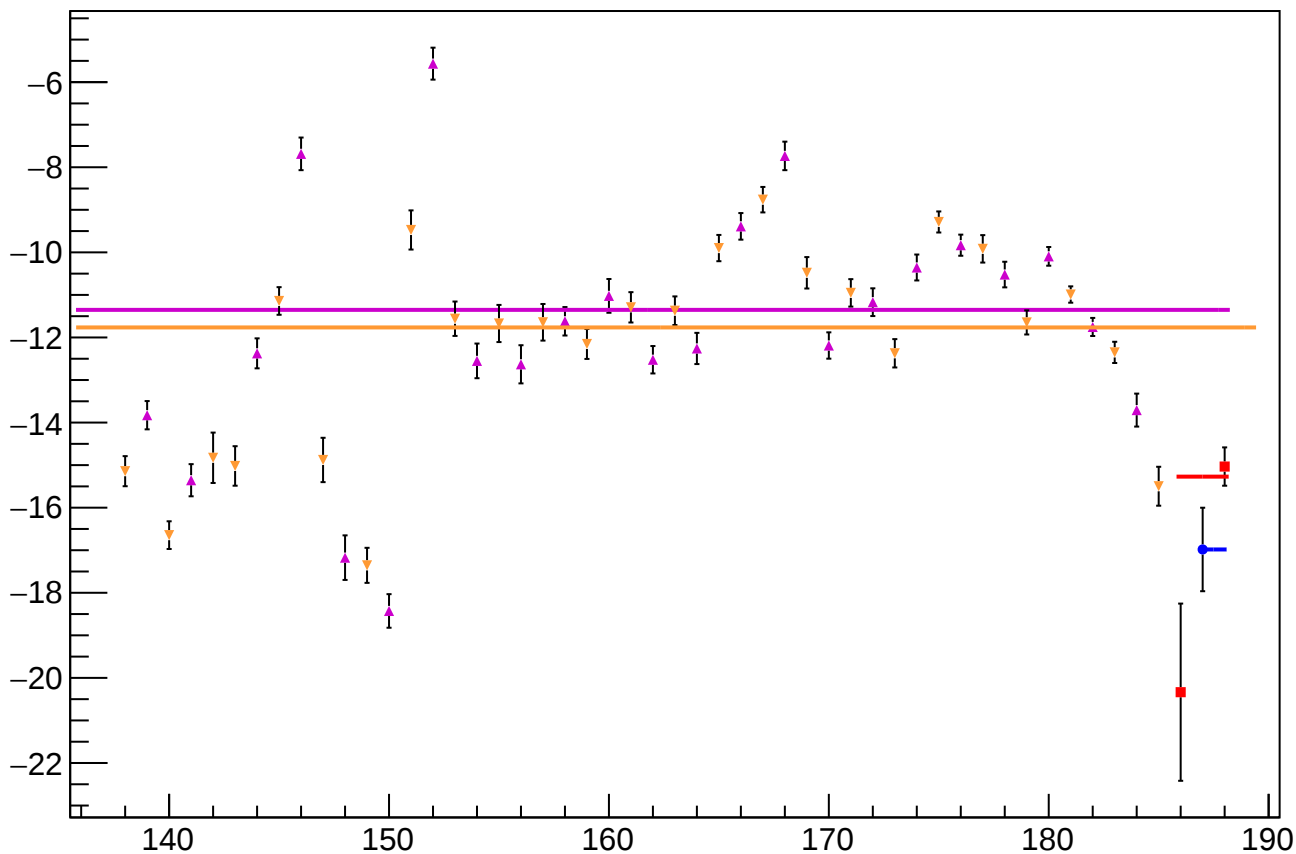
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.498 ± 0.007 χ^2/NDF : 1745.1/42

All: -0.483 ± 0.005 χ^2/NDF : 4368.5/86

- sign -0.468 ± 0.007 χ^2/NDF : 2614.7/43

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -16.982 ± 0.981 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -11.764 ± 0.067 $\chi^2/\text{NDF}: 1025.9/24$

Right Out: -15.270 ± 0.440 $\chi^2/\text{NDF}: 6.2/1$

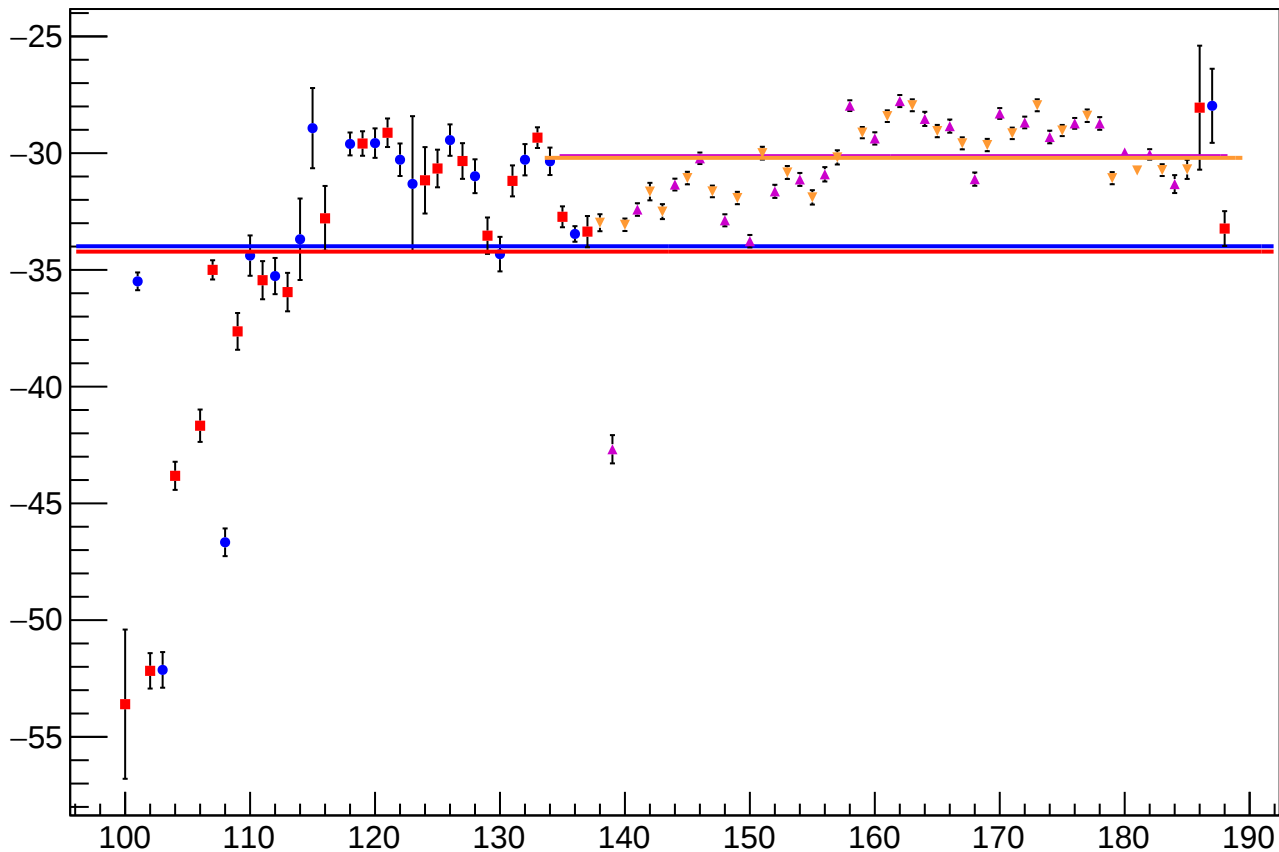
Left In: -11.352 ± 0.068 $\chi^2/\text{NDF}: 1280.6/22$

+ sign -11.788 ± 0.067 $\chi^2/\text{NDF}: 1054.0/25$

All: -11.616 ± 0.047 $\chi^2/\text{NDF}: 2431.8/50$

- sign -11.442 ± 0.067 $\chi^2/\text{NDF}: 1364.3/24$

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: -34.217 ± 0.148 χ^2/NDF : 1356.8/20

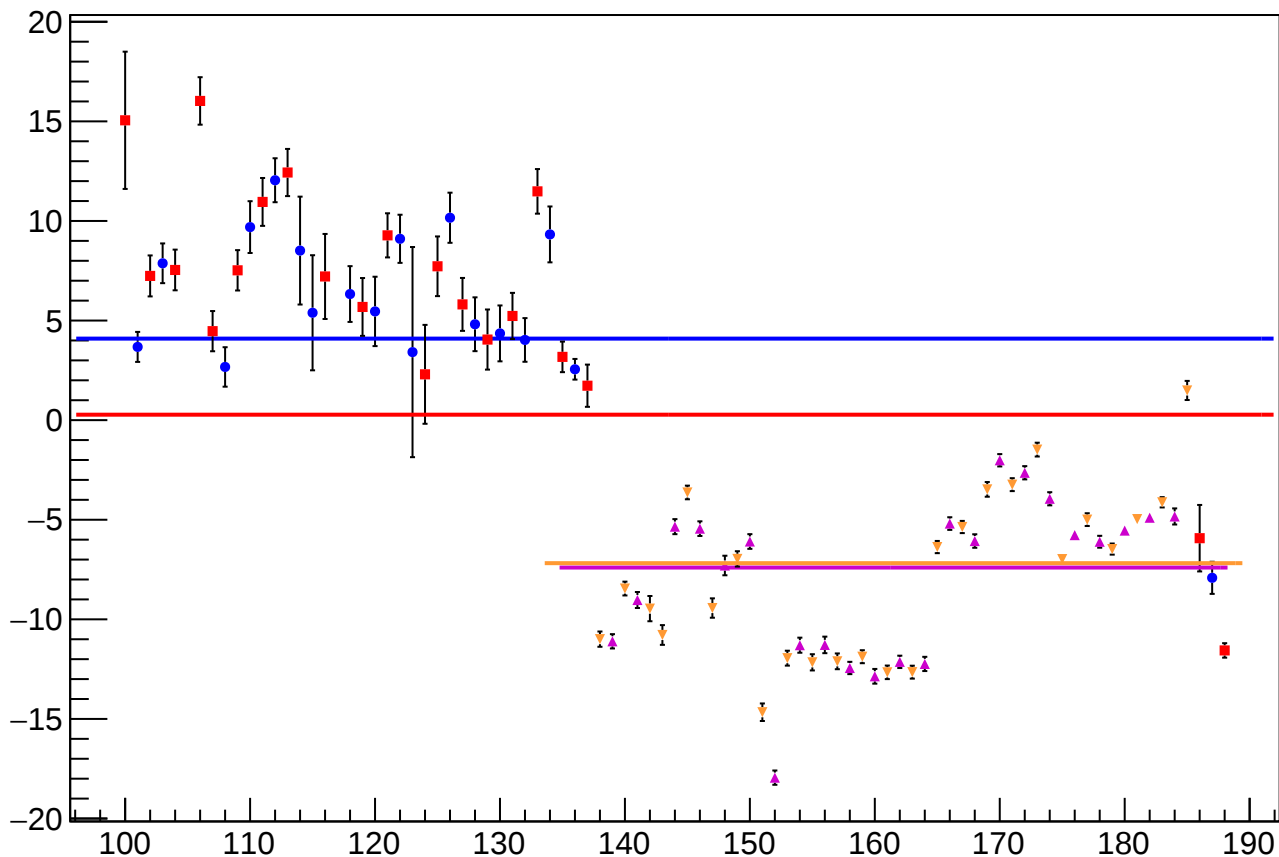
Left In: -30.128 ± 0.055 χ^2/NDF : 1290.4/22

+ sign -30.635 ± 0.051 χ^2/NDF : 2645.0/42

All: -30.634 ± 0.036 χ^2/NDF : 5964.9/86

- sign -30.632 ± 0.052 χ^2/NDF : 3319.9/43

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 4.094 $\pm$ 0.256 χ^2 /NDF: 378.4/17

Left Out: -7.180 $\pm$ 0.067 χ^2 /NDF:3015.8/24

Right Out: 0.274 $\pm$ 0.217 χ^2 /NDF: 1890.9/20

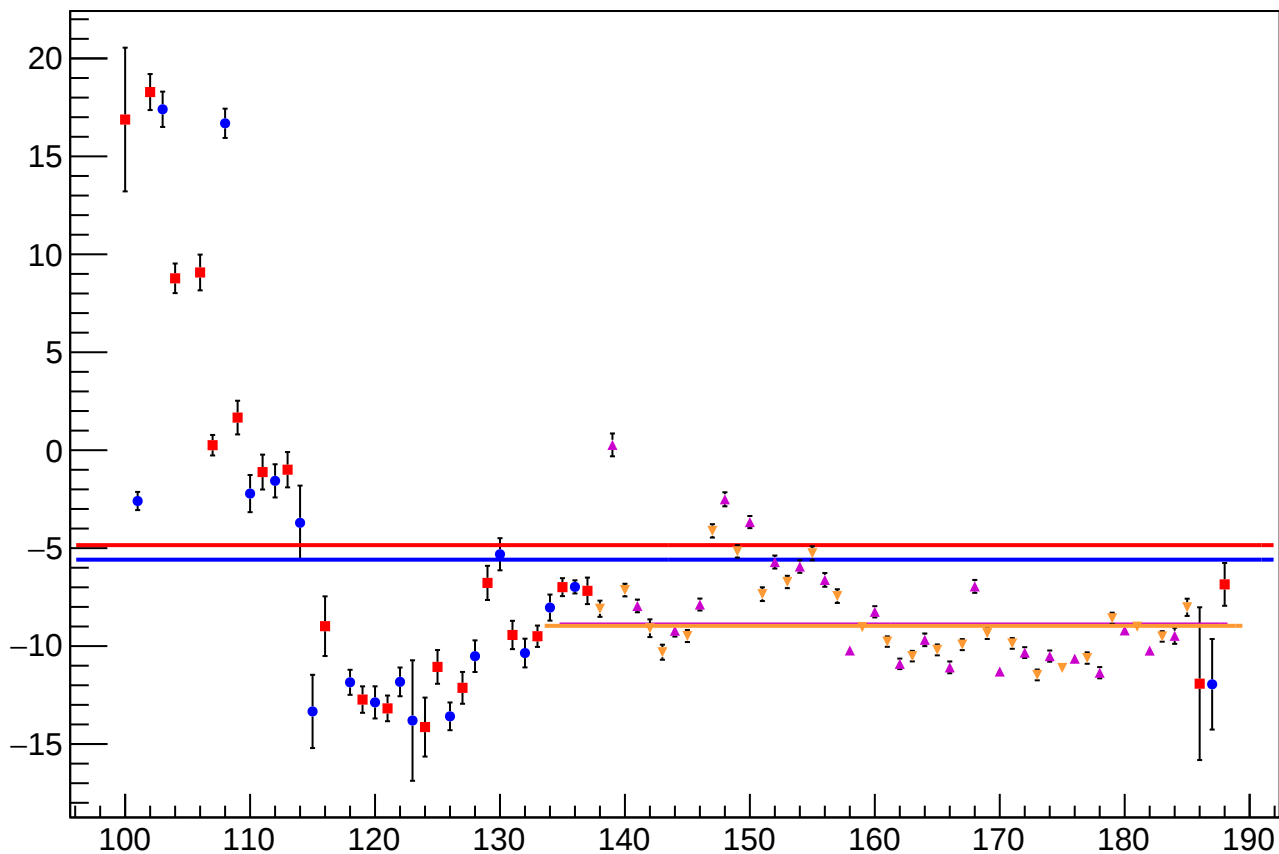
Left In: -7.400 $\pm$ 0.068 χ^2 /NDF:3134.9/22

+ sign -6.456 $\pm$ 0.065 χ^2 /NDF: 5213.8/42

All: -6.590 $\pm$ 0.046 χ^2 /NDF: 11388.0/86

- sign -6.722 $\pm$ 0.065 χ^2 /NDF: 6165.8/43

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: -4.846 ± 0.171 χ^2/NDF : 2047.2/20

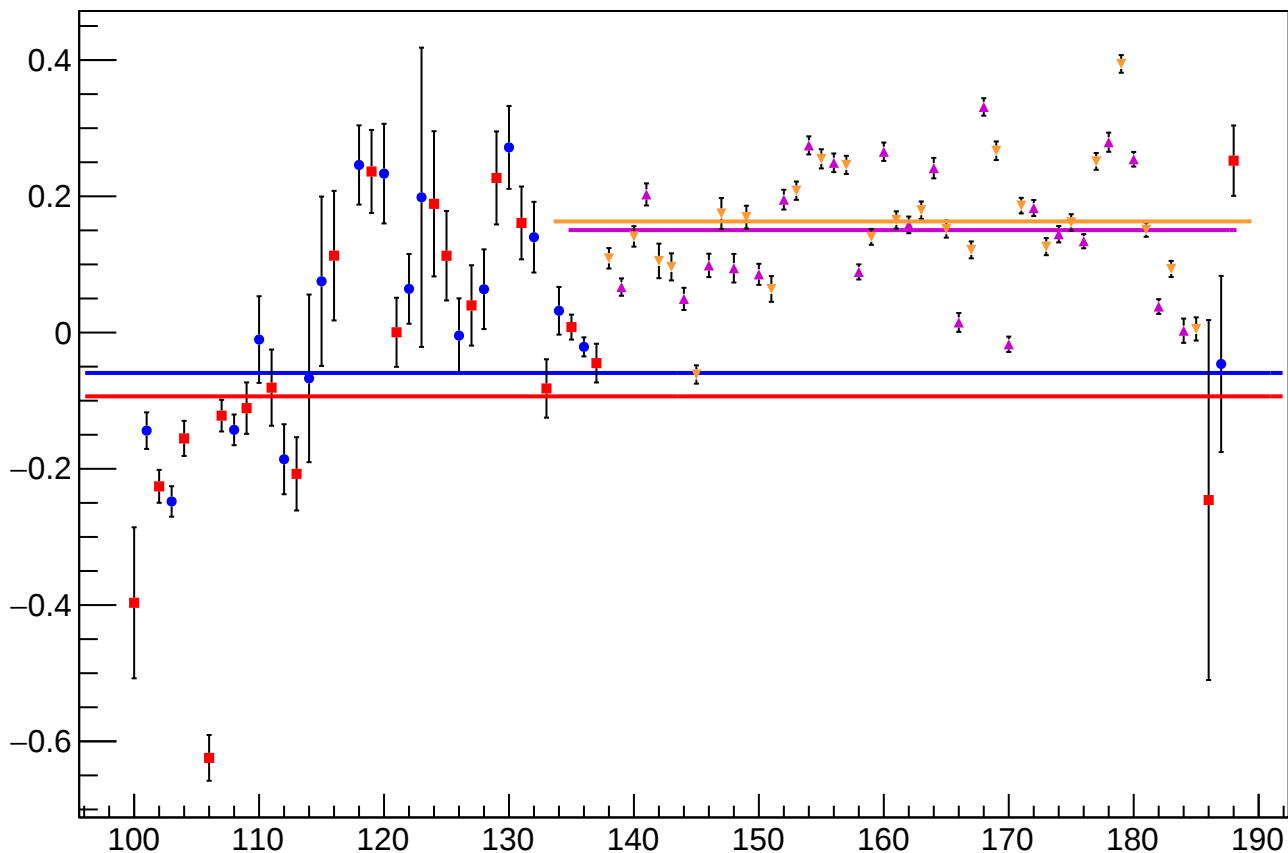
Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

+ sign -8.586 ± 0.057 χ^2/NDF : 3362.3/42

All: -8.510 ± 0.041 χ^2/NDF : 7496.6/86

- sign -8.431 ± 0.058 χ^2/NDF : 4130.7/43

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: -0.094 ± 0.008 χ^2/NDF : 481.9/20

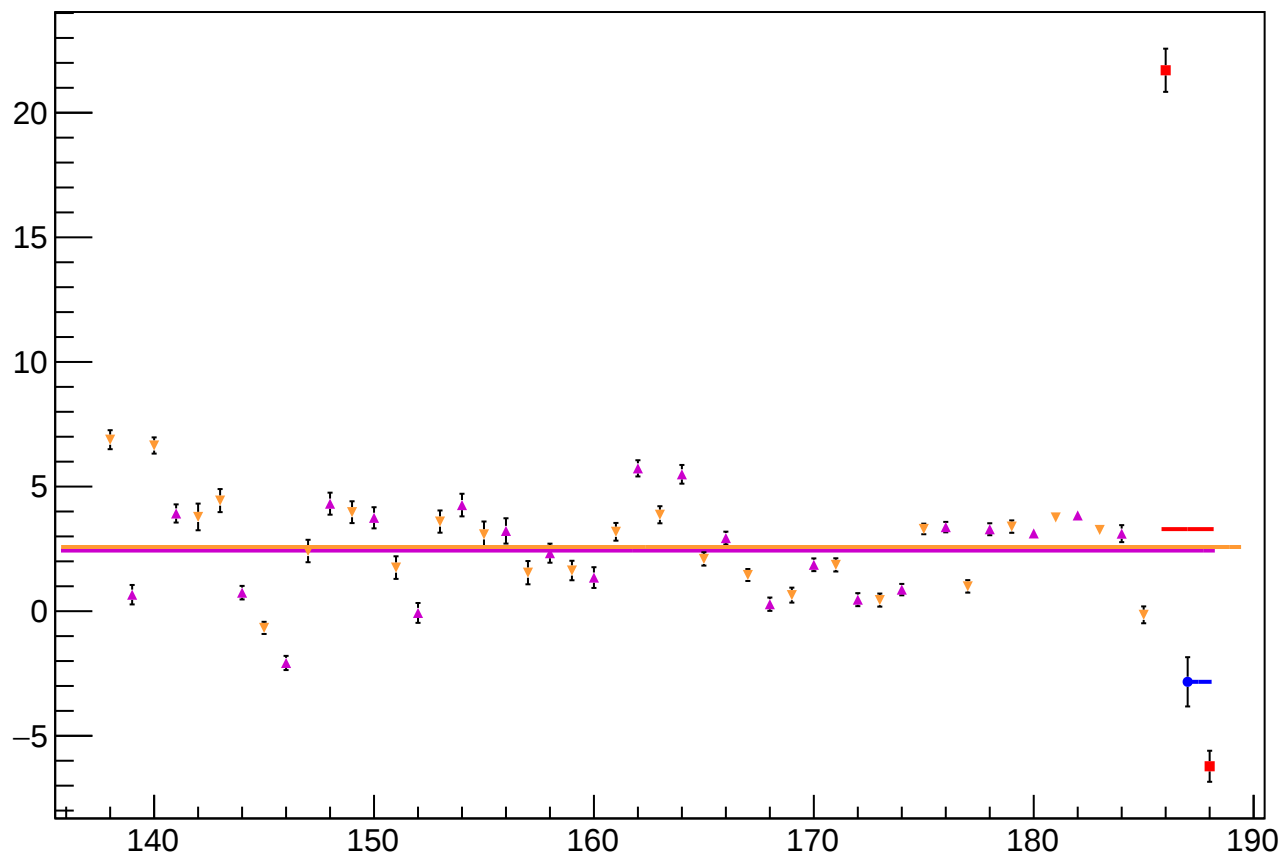
Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

+ sign 0.142 ± 0.003 χ^2/NDF : 1866.9/42

All: 0.134 ± 0.002 χ^2/NDF : 4440.9/86

- sign 0.126 ± 0.003 χ^2/NDF : 2556.3/43

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: 3.293 ± 0.506 χ^2/NDF : 684.7/1

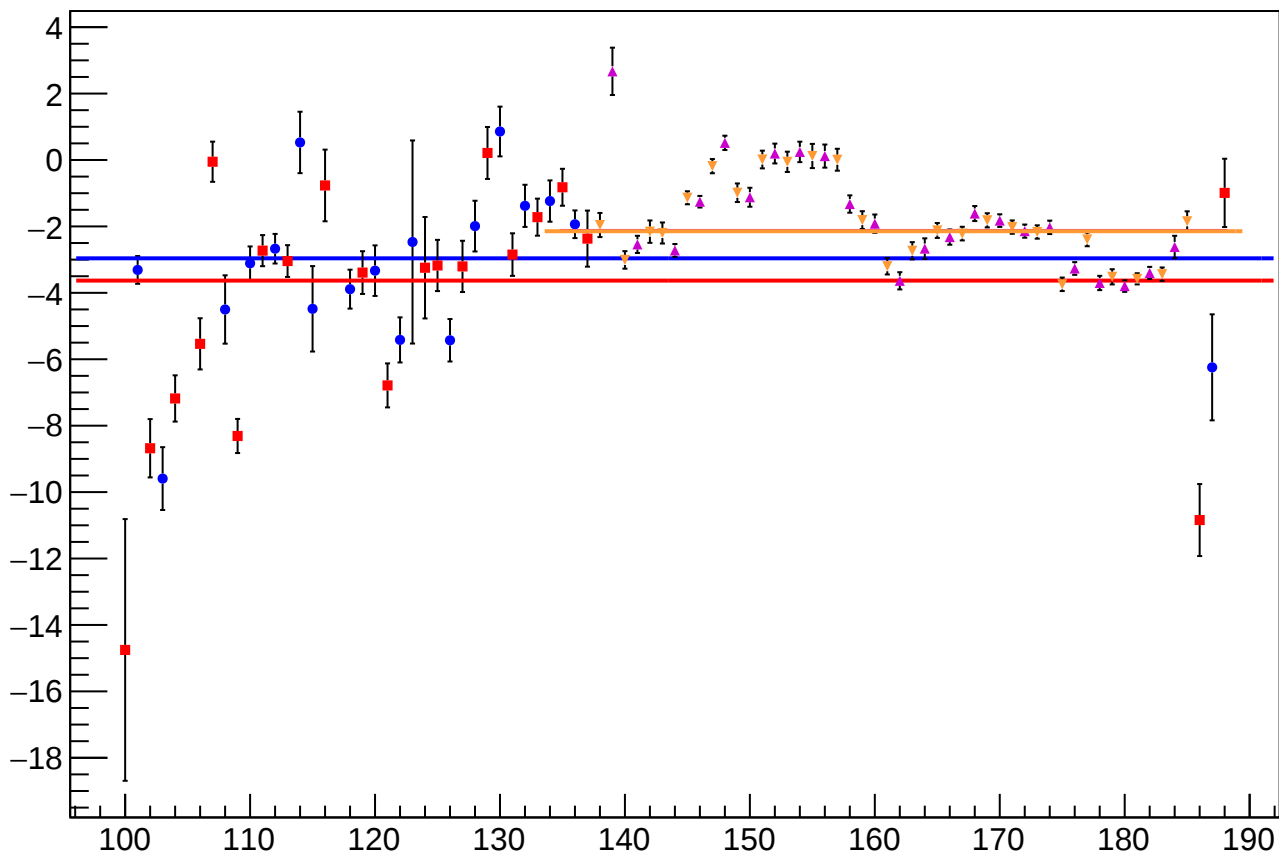
Left In: 2.433 ± 0.059 χ^2/NDF : 882.9/22

+ sign 2.557 ± 0.058 χ^2/NDF : 897.9/25

All: 2.501 ± 0.041 χ^2/NDF : 2470.3/50

- sign 2.445 ± 0.059 χ^2/NDF : 1570.5/24

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.961 ± 0.153 χ^2/NDF : 150.8/17

Left Out: -2.145 ± 0.048 χ^2/NDF : 572.6/24

Right Out: -3.631 ± 0.151 χ^2/NDF : 342.8/20

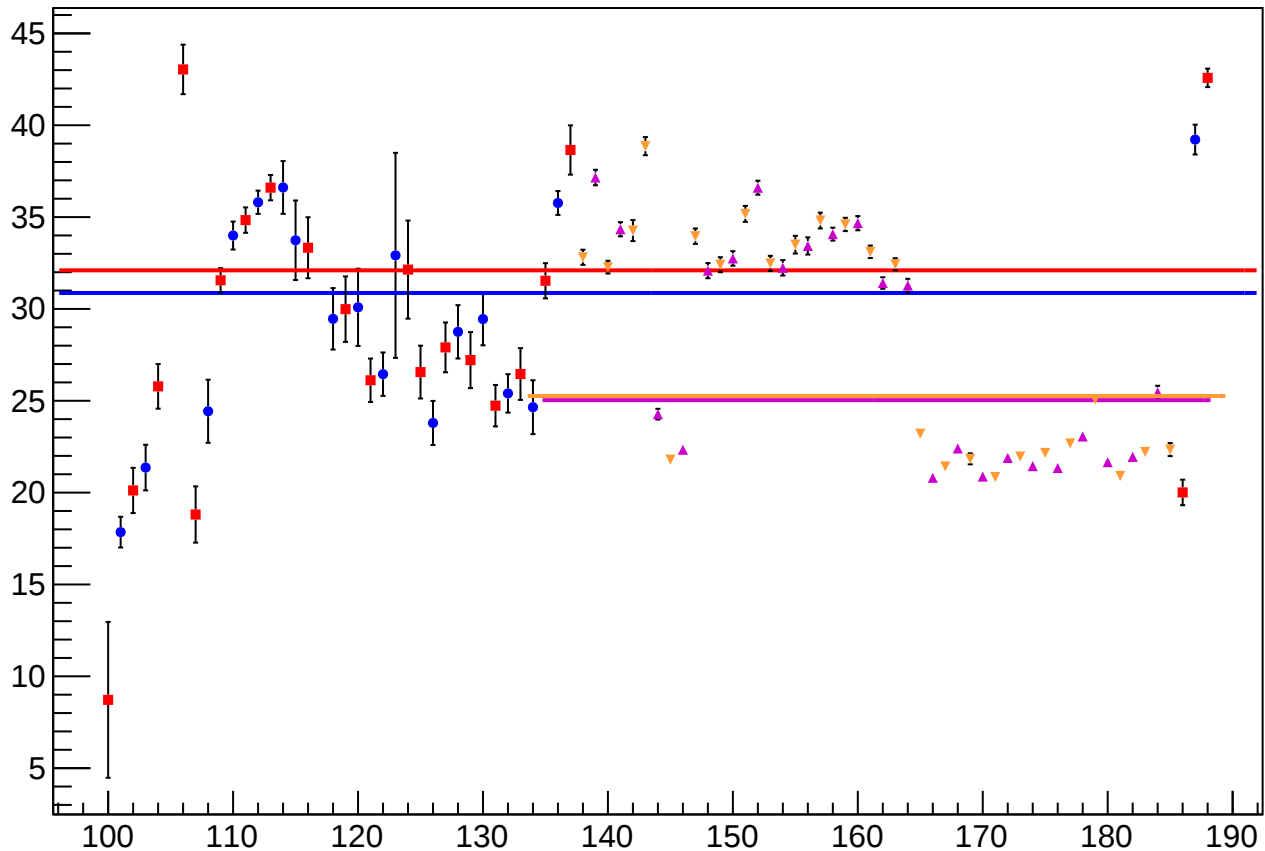
Left In: -2.137 ± 0.048 χ^2/NDF : 693.6/22

+ sign -2.217 ± 0.046 χ^2/NDF : 749.2/42

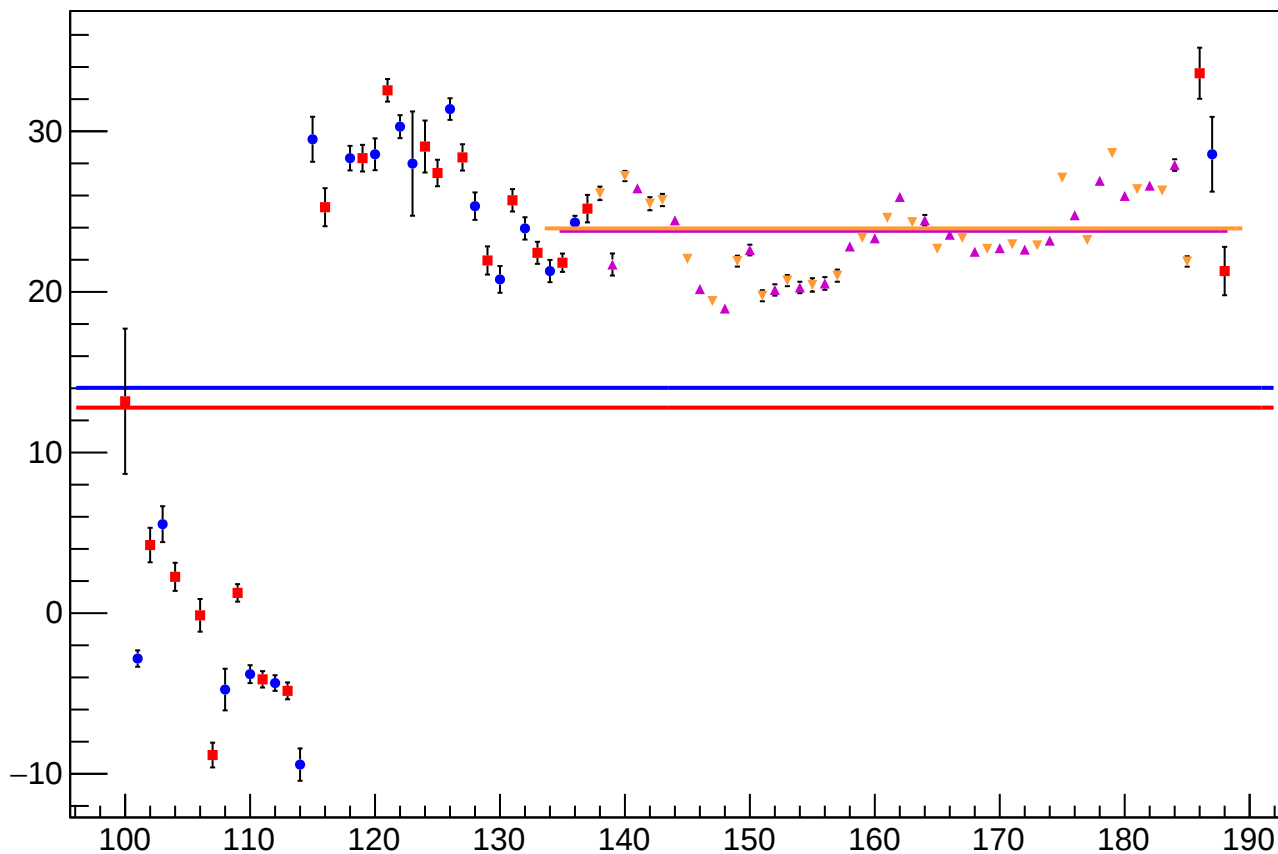
All: -2.245 ± 0.032 χ^2/NDF : 1874.9/86

- sign -2.275 ± 0.046 χ^2/NDF : 1124.8/43

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



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: 12.796 $\pm$ 0.172 χ^2 /NDF: 7170.2/20

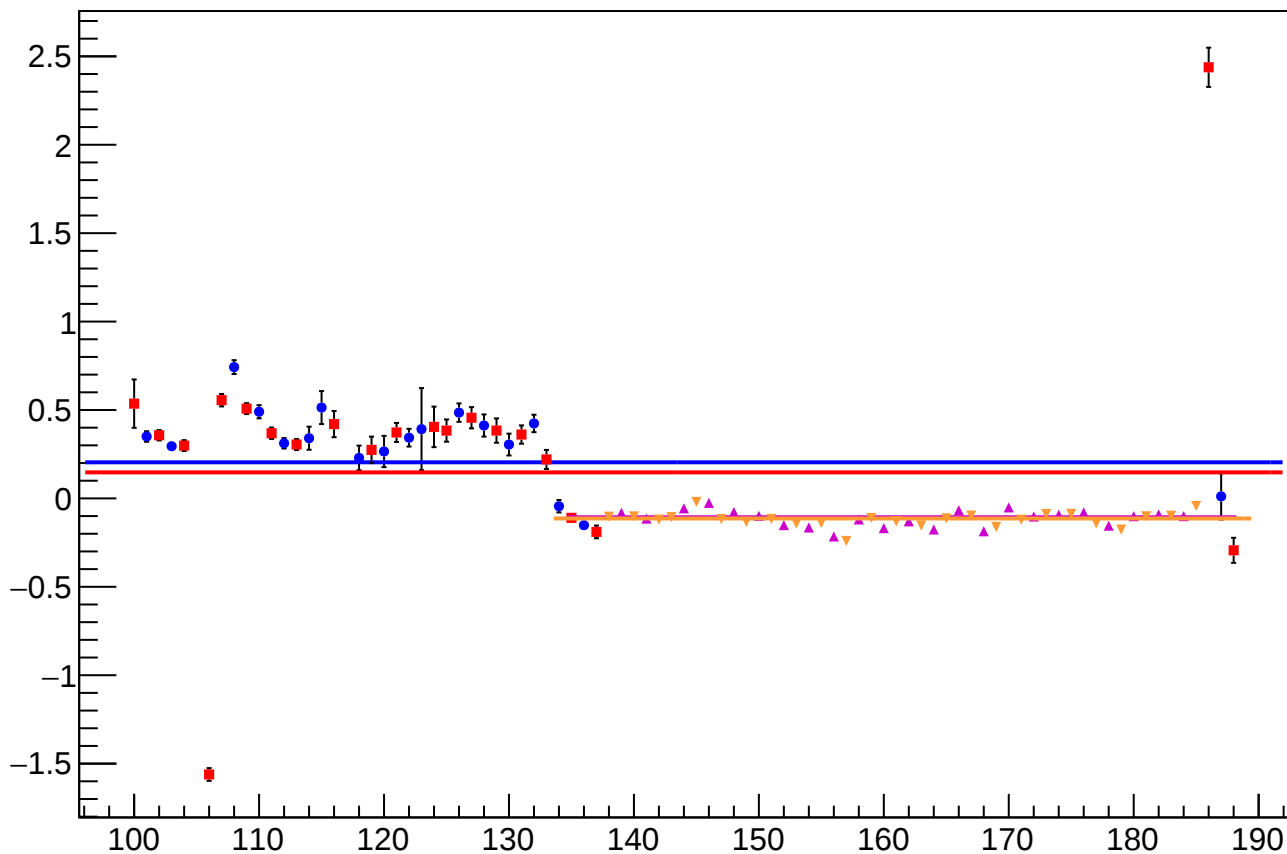
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ sign 23.082 $\pm$ 0.051 χ^2 /NDF: 12402.8/42

All: 22.950 $\pm$ 0.036 χ^2 /NDF: 25095.8/86

- sign 22.816 $\pm$ 0.051 χ^2 /NDF: 12679.4/43

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: 0.147 ± 0.009 χ^2/NDF : 3482.8/20

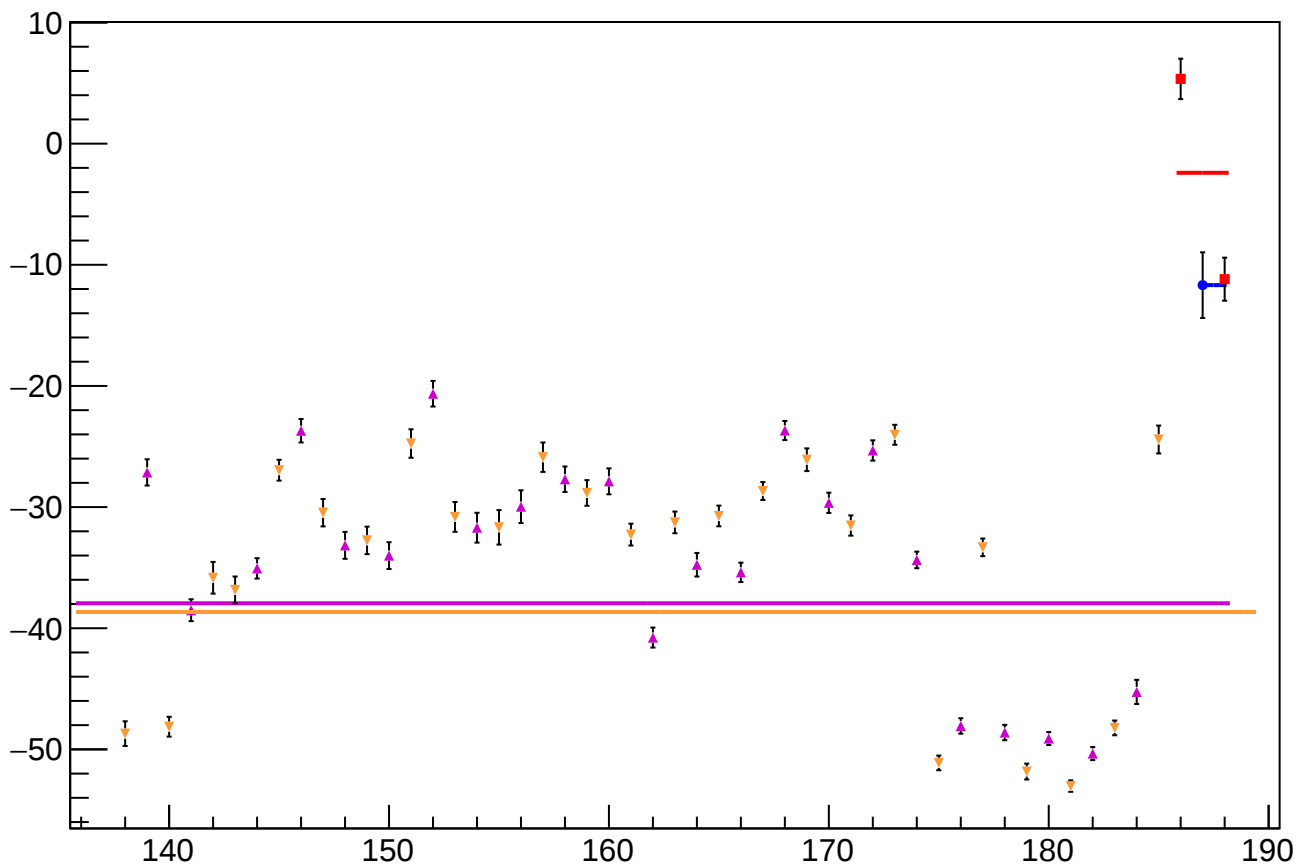
Left In: -0.107 ± 0.002 χ^2/NDF : 322.0/22

+ sign -0.093 ± 0.002 χ^2/NDF : 2223.7/42

All: -0.091 ± 0.002 χ^2/NDF : 6756.9/86

- sign -0.089 ± 0.002 χ^2/NDF : 4531.7/43

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: -2.405 ± 1.216 χ^2/NDF : 46.0/1

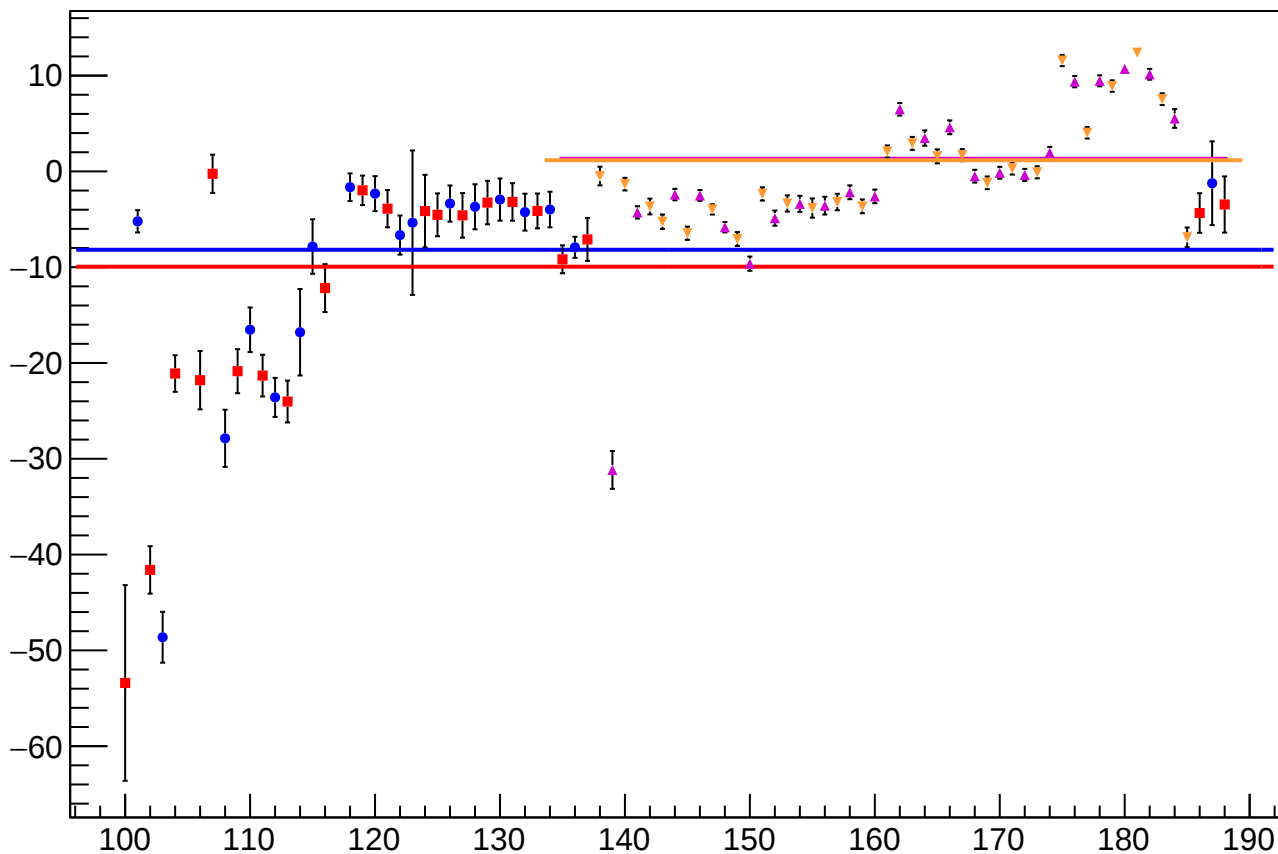
Left In: -37.939 ± 0.173 χ^2/NDF : 3133.2/22

+ sign -38.555 ± 0.169 χ^2/NDF : 4172.5/25

All: -37.904 ± 0.120 χ^2/NDF : 8218.2/50

- sign -37.239 ± 0.171 χ^2/NDF : 4015.7/24

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: -9.948 ± 0.472 χ^2/NDF : 441.7/20

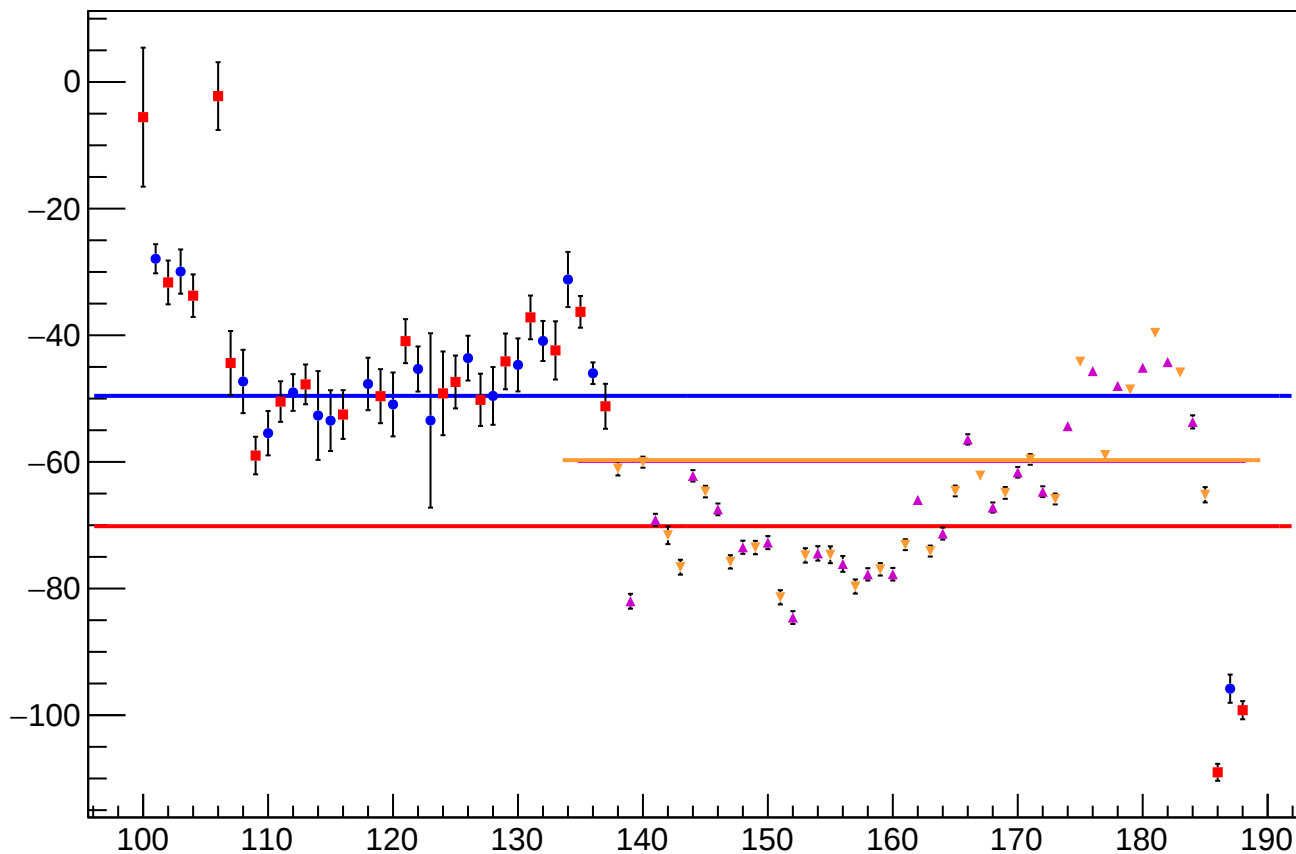
Left In: 1.319 ± 0.139 χ^2/NDF : 2080.7/22

+ sign 0.407 ± 0.131 χ^2/NDF : 2580.6/42

All: 0.410 ± 0.093 χ^2/NDF : 5627.6/86

- sign 0.413 ± 0.134 χ^2/NDF : 3047.0/43

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -49.569 $\pm$ 0.781 χ^2 /NDF: 590.7/17

Left Out: -59.724 $\pm$ 0.170 χ^2 /NDF: 5789.8/24

Right Out: -70.153 $\pm$ 0.649 χ^2 /NDF: 2371.2/20

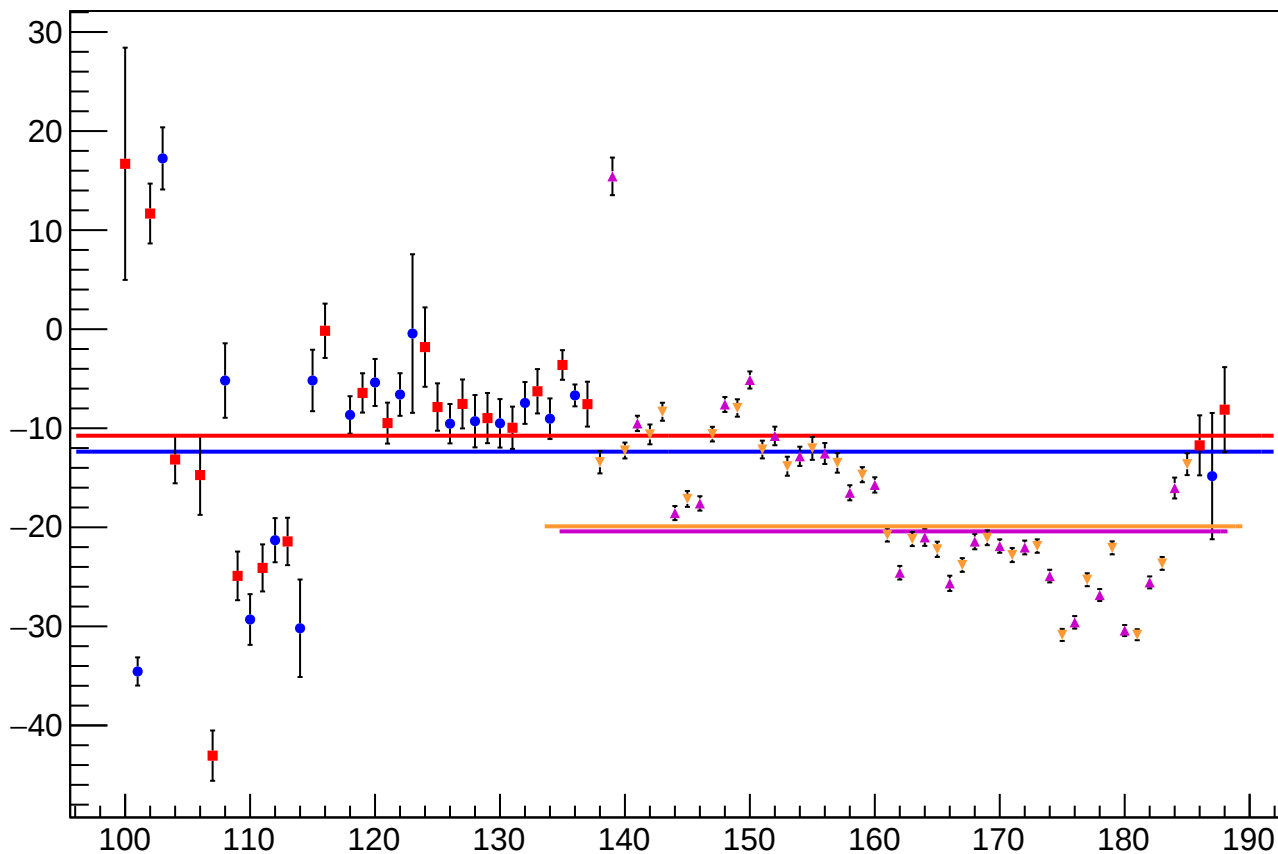
Left In: -59.864 $\pm$ 0.173 χ^2 /NDF: 5275.1/22

+ sign -59.263 $\pm$ 0.166 χ^2 /NDF: 6541.8/42

All: -59.903 $\pm$ 0.118 χ^2 /NDF: 14452.4/86

- sign -60.545 $\pm$ 0.167 χ^2 /NDF: 7881.1/43

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: -10.753 ± 0.540 χ^2/NDF : 367.1/20

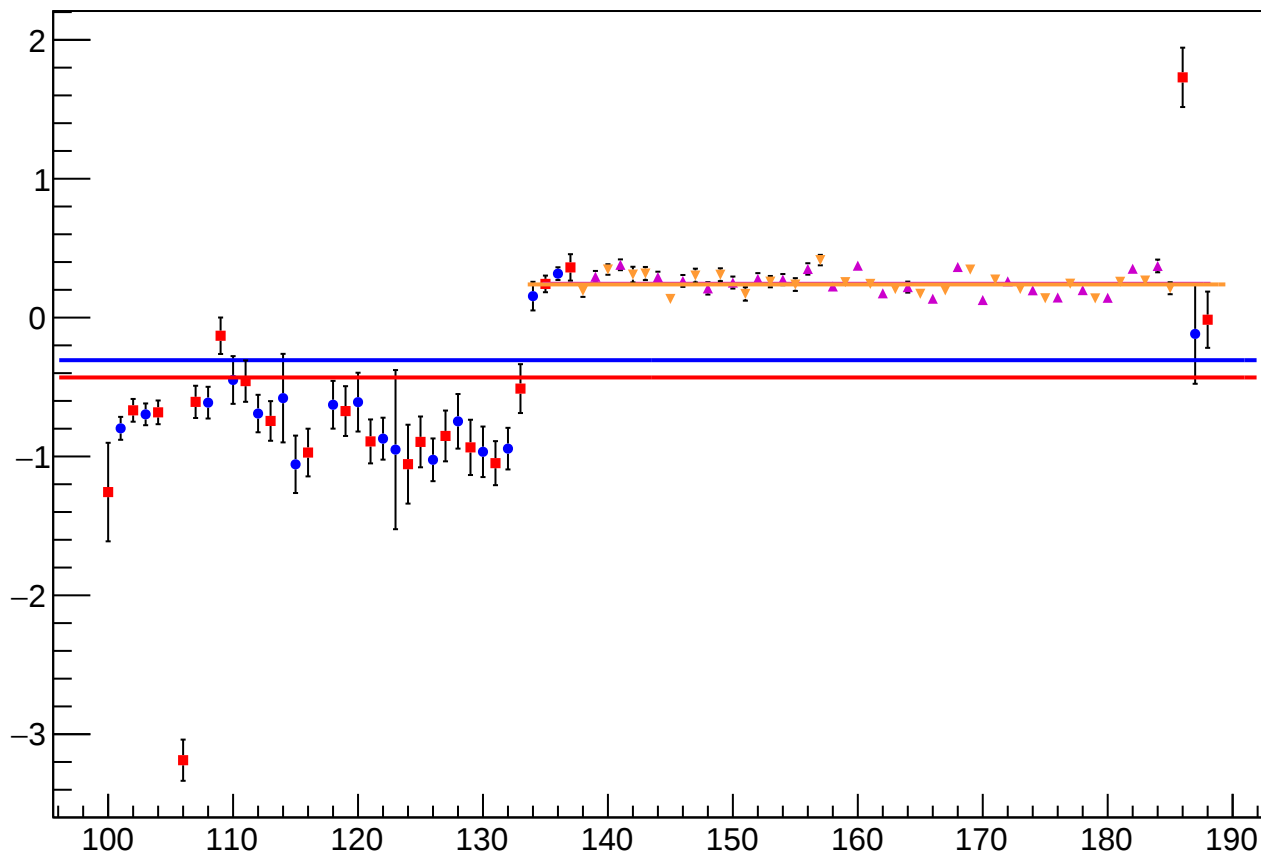
Left In: -20.412 ± 0.156 χ^2/NDF : 2345.4/22

+ sign -19.296 ± 0.147 χ^2/NDF : 2575.5/42

All: -19.478 ± 0.105 χ^2/NDF : 5586.1/86

- sign -19.667 ± 0.150 χ^2/NDF : 3007.5/43

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: -0.431 ± 0.028 χ^2/NDF : 740.3/20

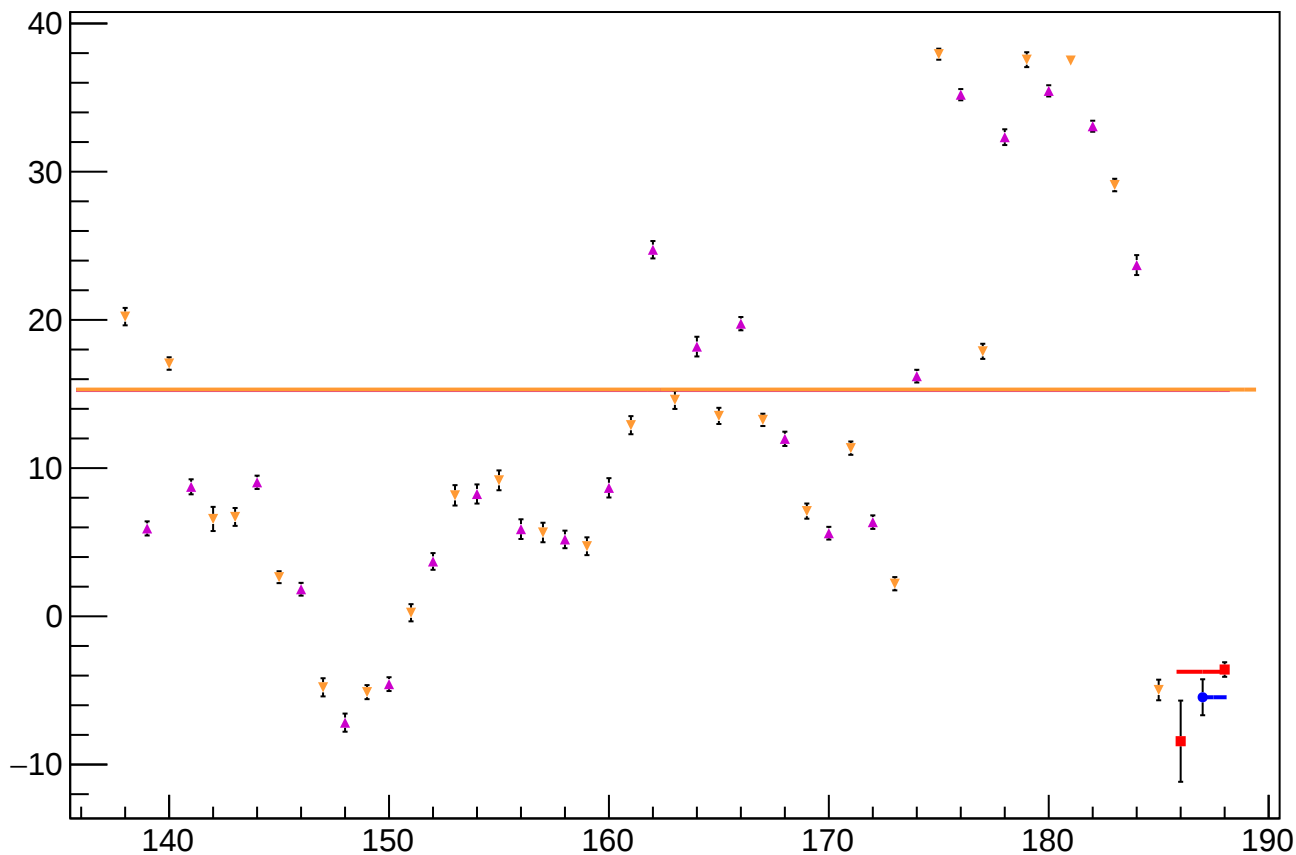
Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

+ sign 0.205 ± 0.007 χ^2/NDF : 837.3/42

All: 0.204 ± 0.005 χ^2/NDF : 2261.4/86

- sign 0.202 ± 0.007 χ^2/NDF : 1424.0/43

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: -3.741 ± 0.484 χ^2/NDF : 3.0/1

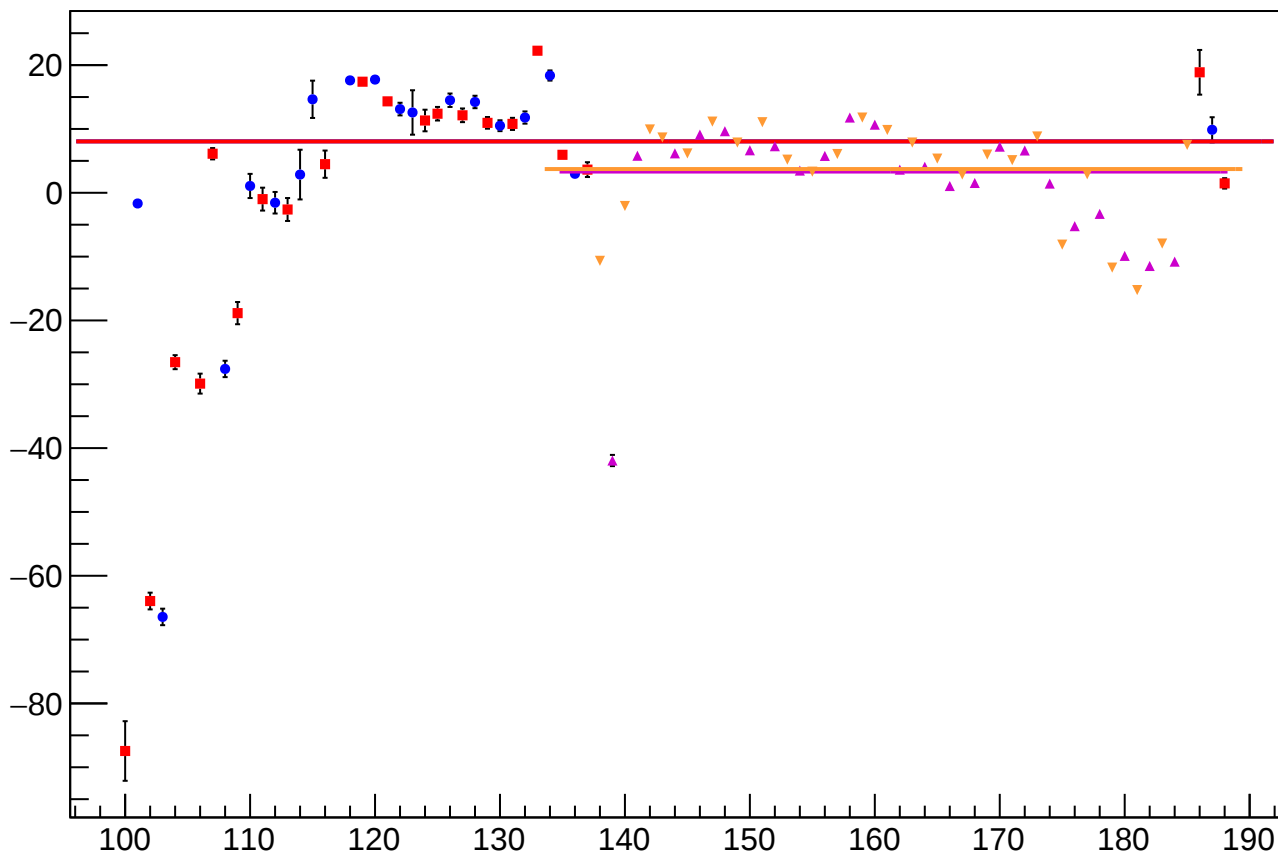
Left In: 15.268 ± 0.102 χ^2/NDF : 16406.3/22

+ sign 15.157 ± 0.100 χ^2/NDF : 19425.6/25

All: 14.806 ± 0.071 χ^2/NDF : 37335.6/50

- sign 14.458 ± 0.100 χ^2/NDF : 17885.7/24

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.057 ± 0.214 χ^2/NDF : 5370.3/17

Left Out: 3.717 ± 0.079 χ^2/NDF : 9201.0/24

Right Out: 8.045 ± 0.206 χ^2/NDF : 6782.5/20

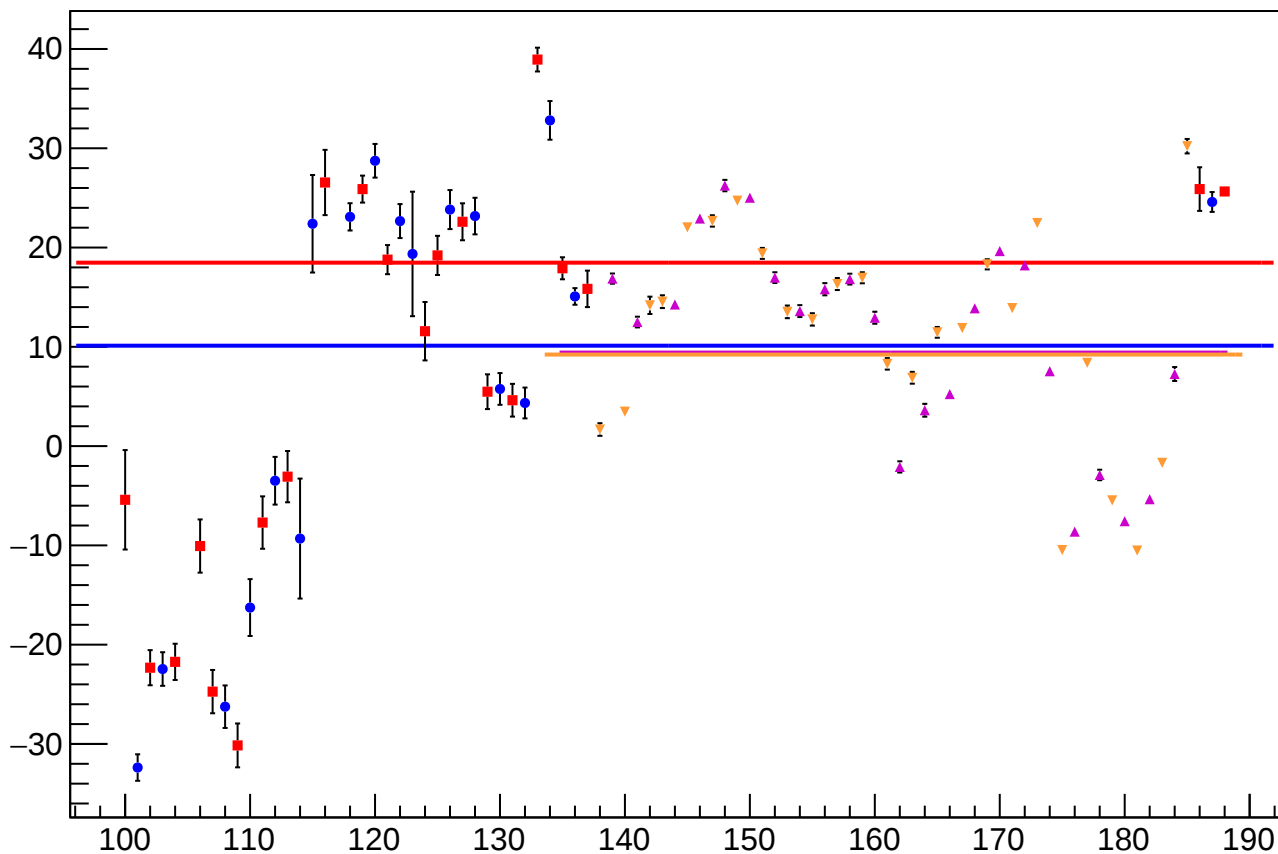
Left In: 3.327 ± 0.081 χ^2/NDF : 8830.5/22

+ sign 4.238 ± 0.074 χ^2/NDF : 14933.7/42

All: 4.100 ± 0.053 χ^2/NDF : 31007.9/86

- sign 3.958 ± 0.075 χ^2/NDF : 16067.2/43

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: 18.477 $\pm$ 0.285 χ^2 /NDF: 3000.8/20

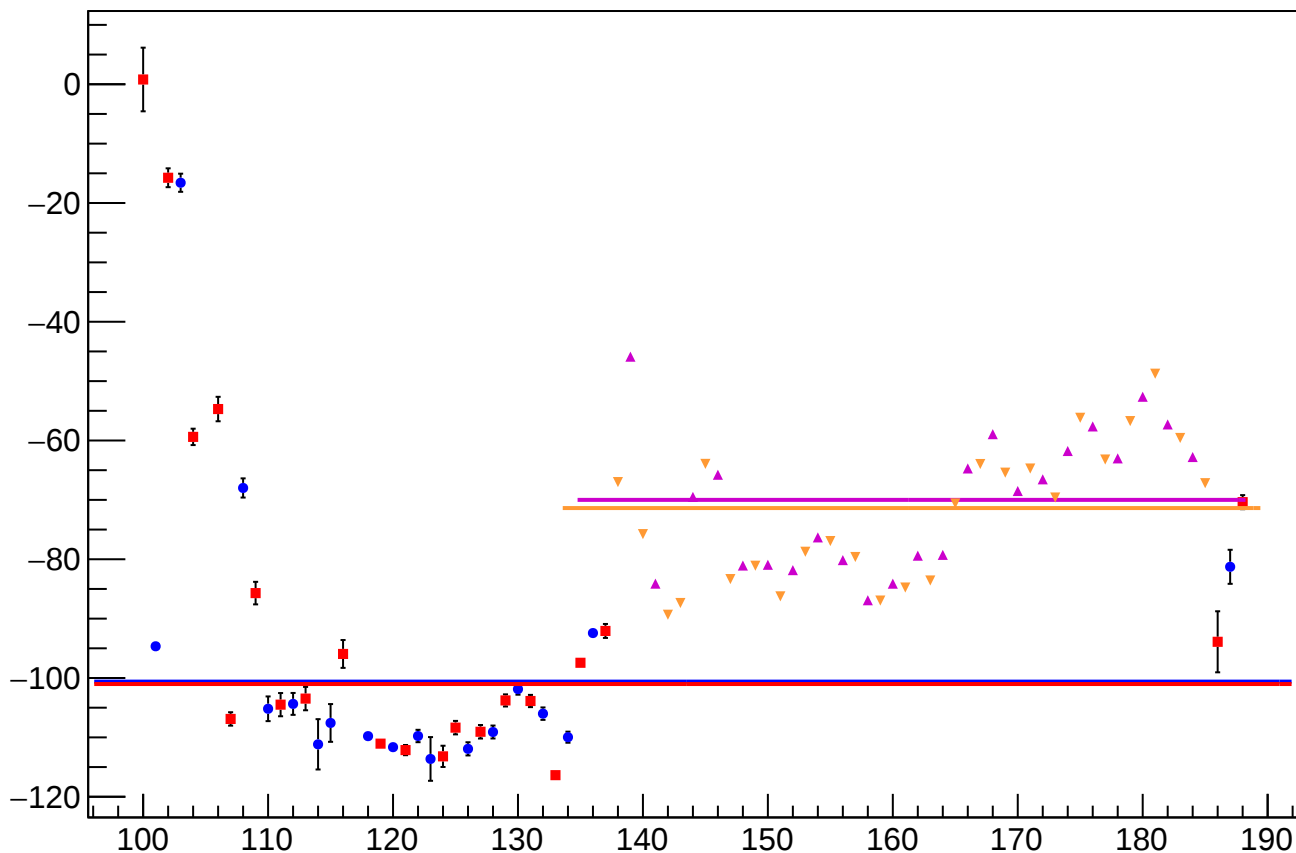
Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

+ sign 9.278 $\pm$ 0.098 χ^2 /NDF: 16193.7/42

All: 9.873 $\pm$ 0.069 χ^2 /NDF: 32240.2/86

- sign 10.448 $\pm$ 0.096 χ^2 /NDF: 15973.7/43

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: -101.016 ± 0.241 χ^2/NDF : 6778.3/20

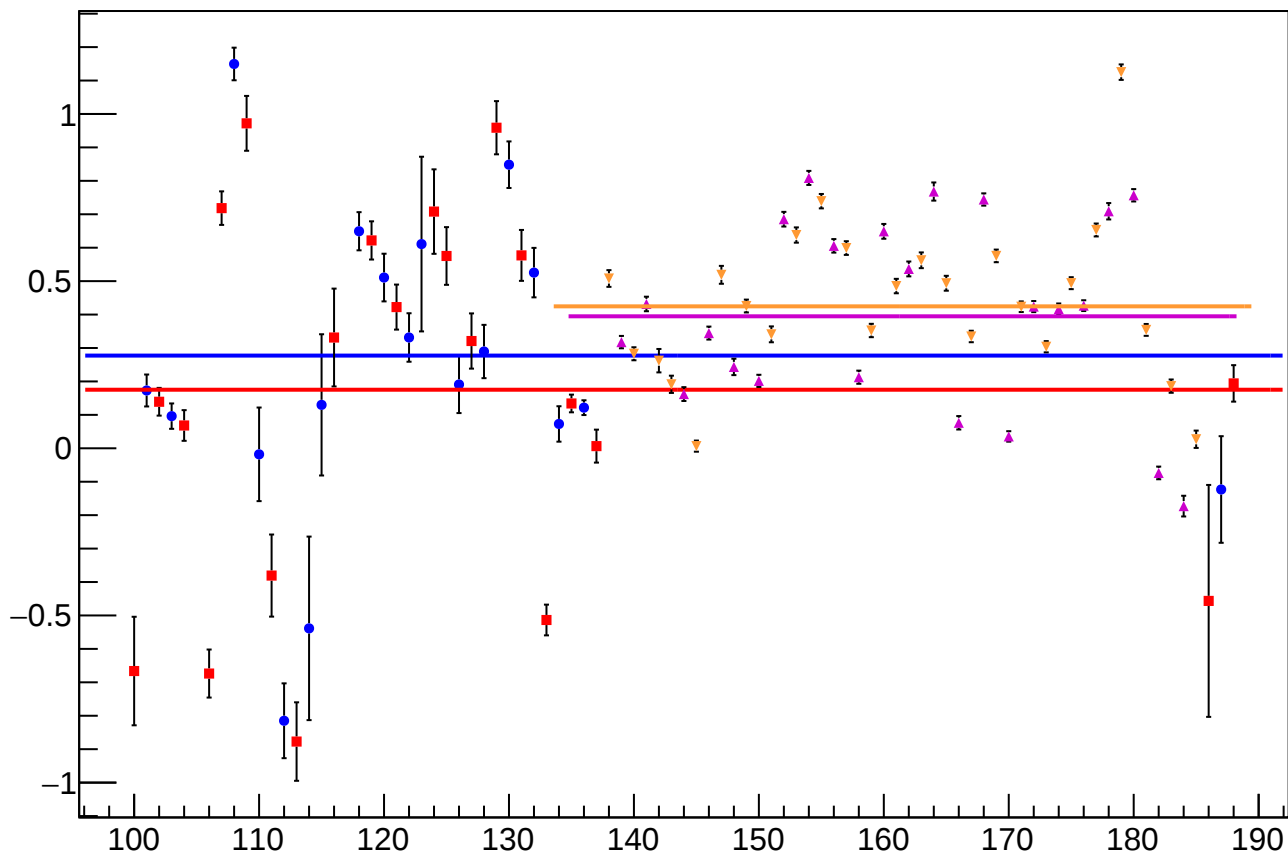
Left In: -69.999 ± 0.091 χ^2/NDF : 13188.0/22

+ sign -74.768 ± 0.084 χ^2/NDF : 33166.0/42

All: -74.343 ± 0.060 χ^2/NDF : 67684.4/86

- sign -73.905 ± 0.085 χ^2/NDF : 34466.6/43

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.277 ± 0.013 χ^2/NDF : 662.3/17

Left Out: 0.425 ± 0.004 χ^2/NDF : 2866.9/24

Right Out: 0.175 ± 0.013 χ^2/NDF : 970.1/20

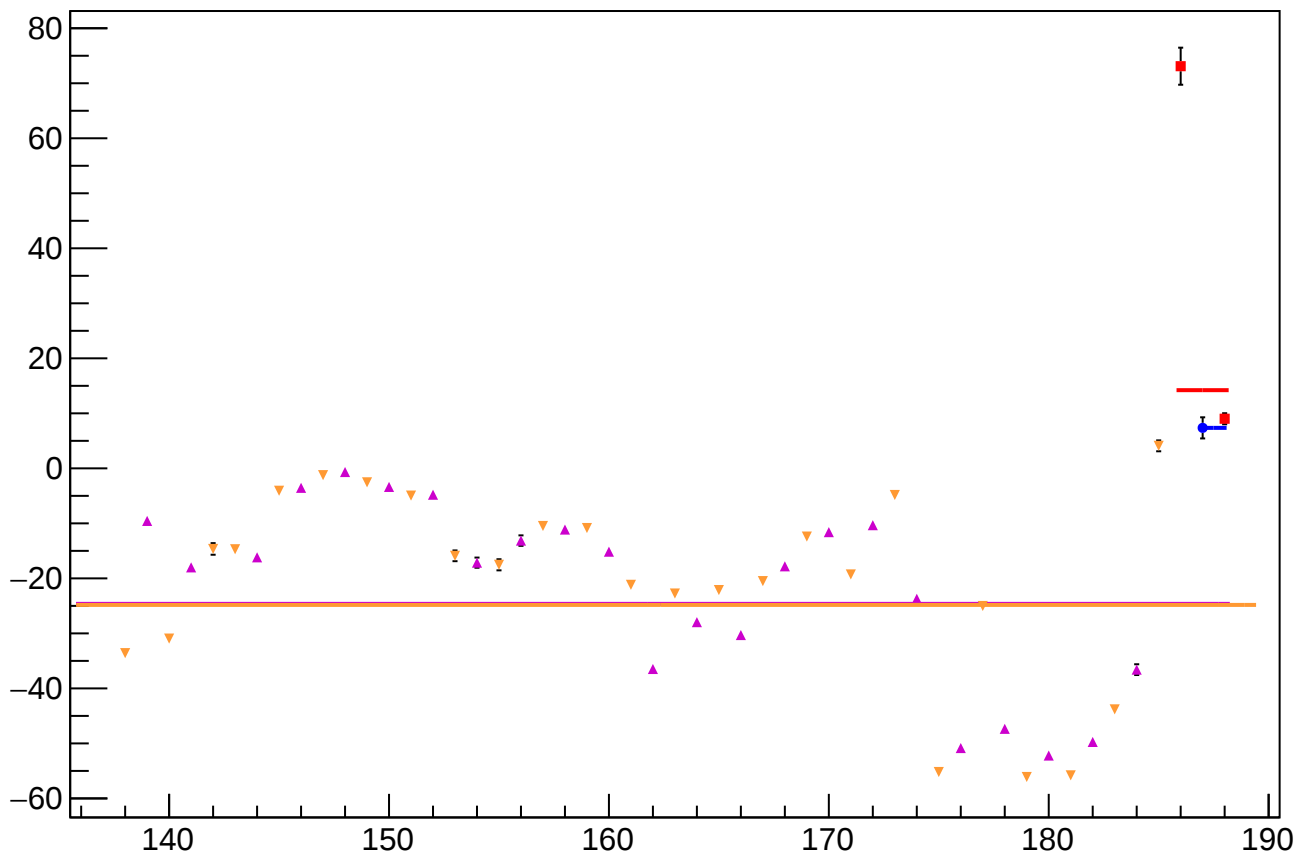
Left In: 0.395 ± 0.004 χ^2/NDF : 4063.1/22

+ sign 0.412 ± 0.004 χ^2/NDF : 3639.4/42

All: 0.393 ± 0.003 χ^2/NDF : 8975.2/86

- sign 0.375 ± 0.004 χ^2/NDF : 5290.8/43

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: 7.358 ± 1.920 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -24.824 ± 0.140 $\chi^2/\text{NDF}: 18274.6/24$

Right Out: 14.211 ± 0.959 $\chi^2/\text{NDF}: 332.5/1$

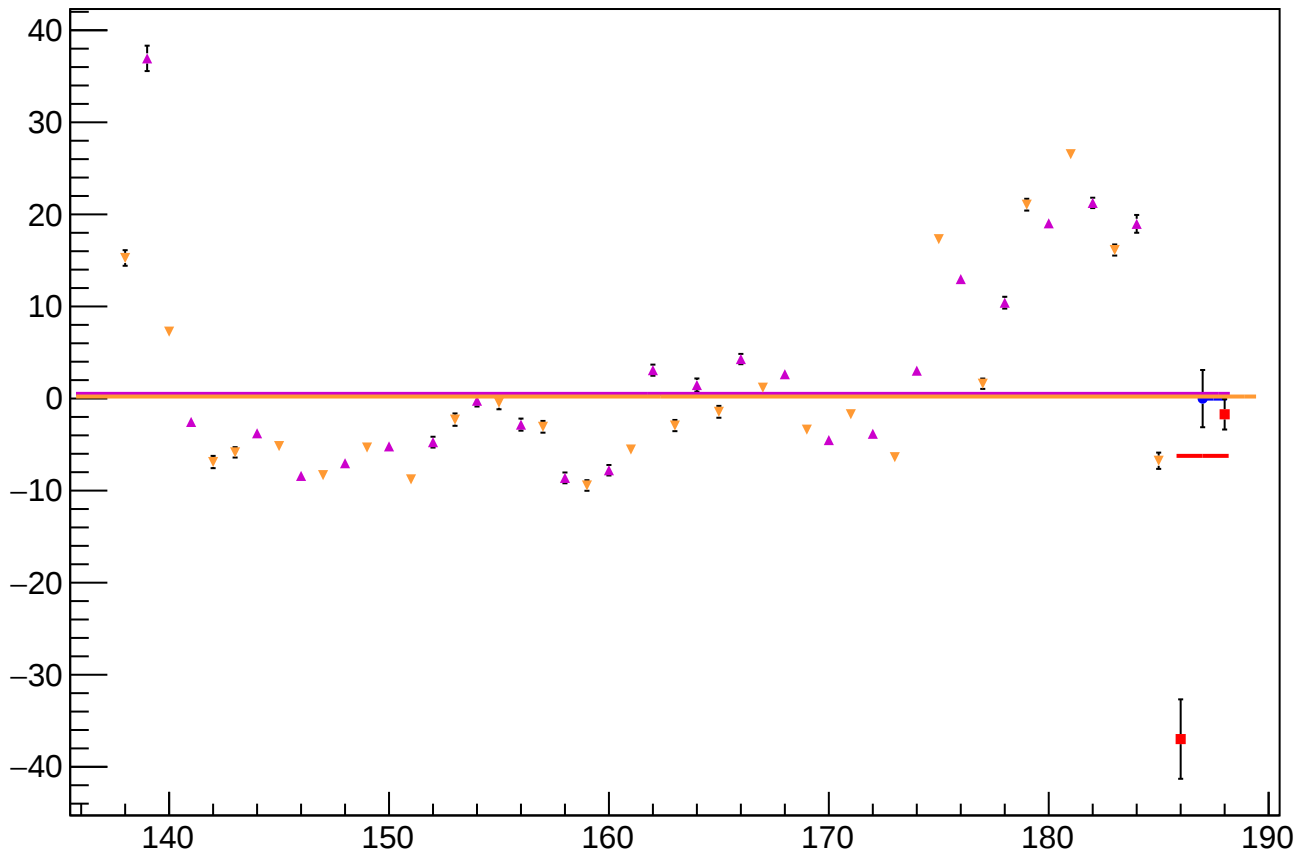
Left In: -24.635 ± 0.142 $\chi^2/\text{NDF}: 14947.9/22$

+ sign -24.654 ± 0.139 $\chi^2/\text{NDF}: 18554.0/25$

All: -24.231 ± 0.099 $\chi^2/\text{NDF}: 35458.6/50$

- sign -23.801 ± 0.140 $\chi^2/\text{NDF}: 16886.0/24$

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: -6.227 ± 1.543 χ^2/NDF : 58.3/1

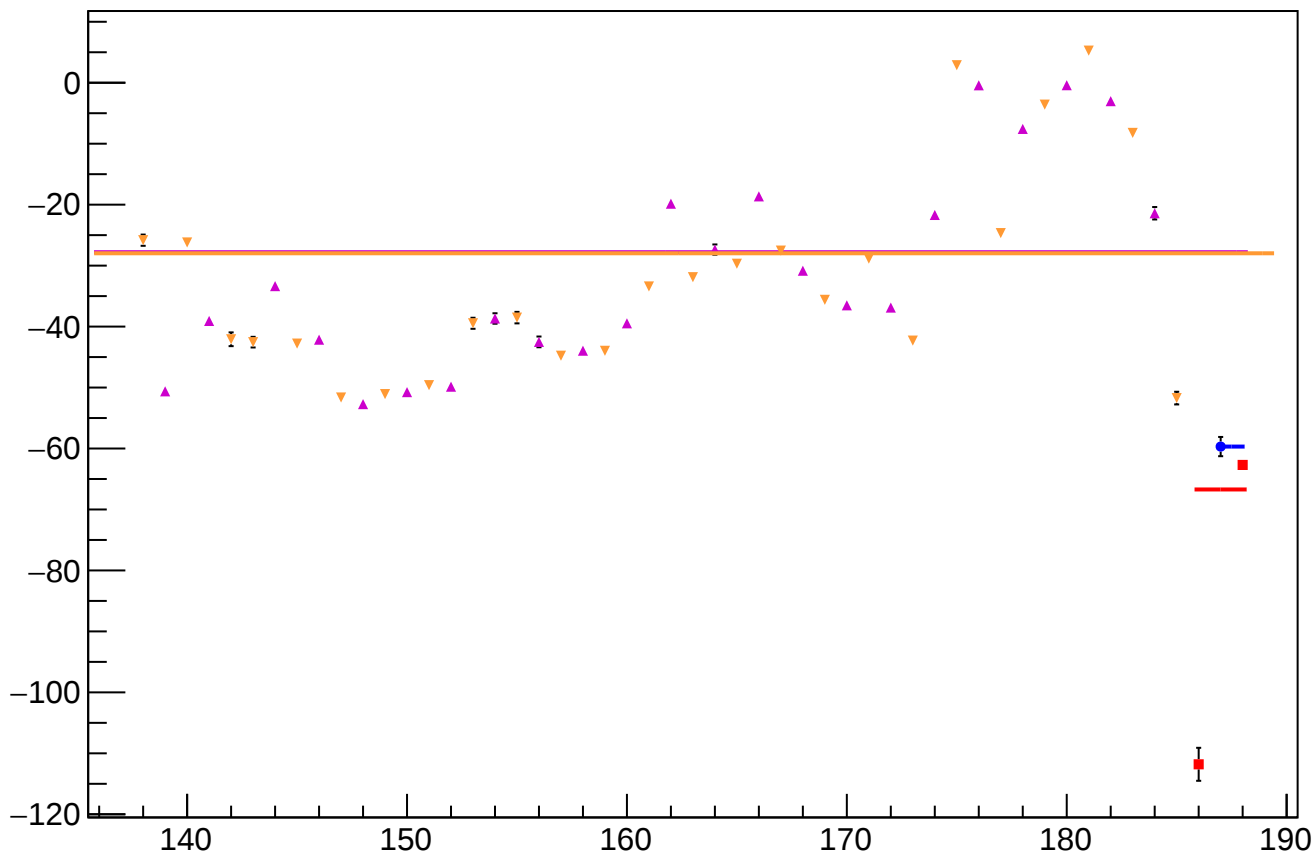
Left In: 0.507 ± 0.112 χ^2/NDF : 6626.9/22

+ sign 0.217 ± 0.109 χ^2/NDF : 8252.6/25

All: 0.341 ± 0.078 χ^2/NDF : 14959.4/50

- sign 0.472 ± 0.111 χ^2/NDF : 6704.1/24

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -59.683 $\pm$ 1.579 χ^2 /NDF: 0.0/0

Left Out: -27.977 $\pm$ 0.140 χ^2 /NDF:17079.0/24

Right Out: -66.718 $\pm$ 0.774 χ^2 /NDF: 302.4/1

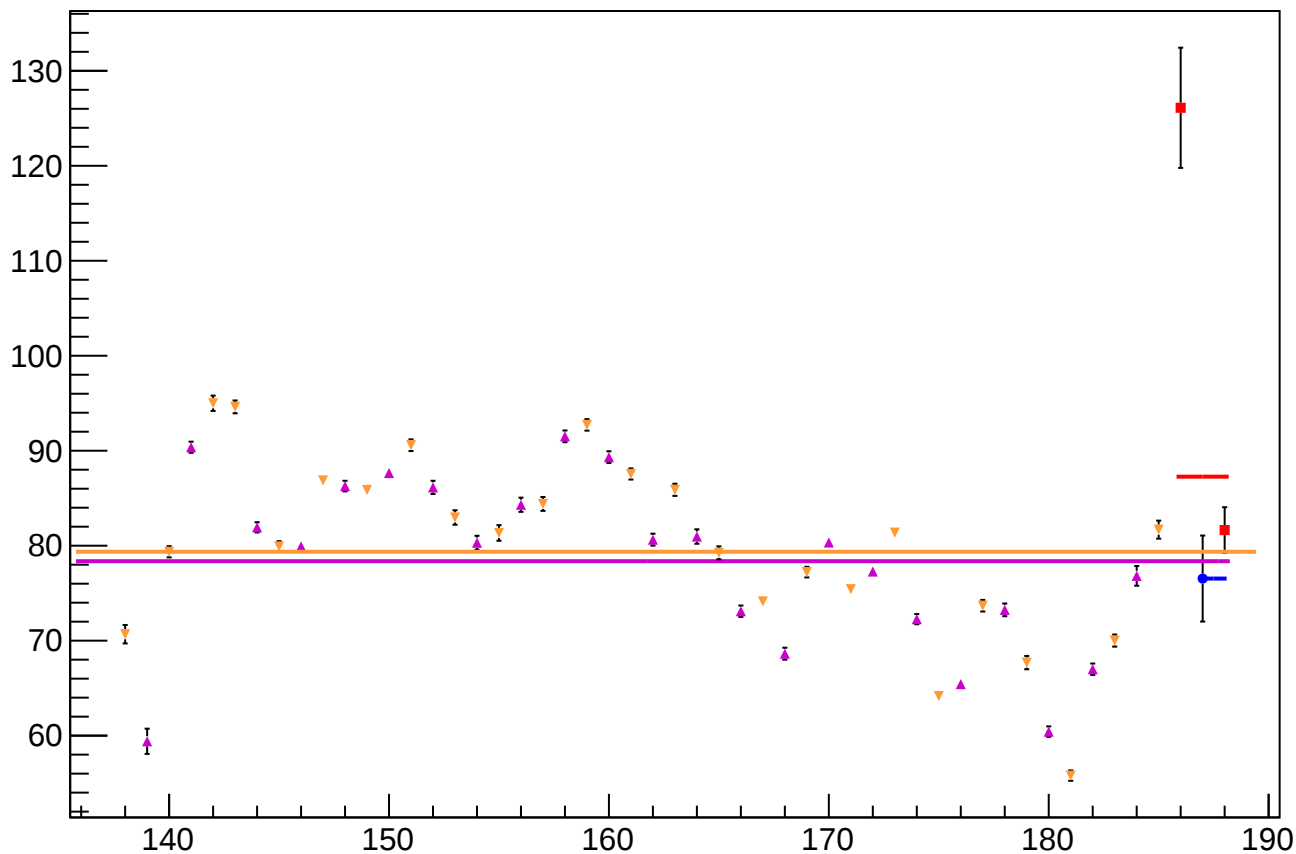
Left In: -27.796 $\pm$ 0.142 χ^2 /NDF:15193.3/22

+ sign -28.225 $\pm$ 0.140 χ^2 /NDF: 17479.1/25

All: -28.642 $\pm$ 0.099 χ^2 /NDF: 35437.2/50

- sign -29.059 $\pm$ 0.139 χ^2 /NDF: 17940.2/24

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 76.539 $\pm$ 4.529 χ^2 /NDF: 0.0/0

Left Out: 79.364 $\pm$ 0.123 χ^2 /NDF: 5966.3/24

Right Out: 87.270 $\pm$ 2.252 χ^2 /NDF: 43.1/1

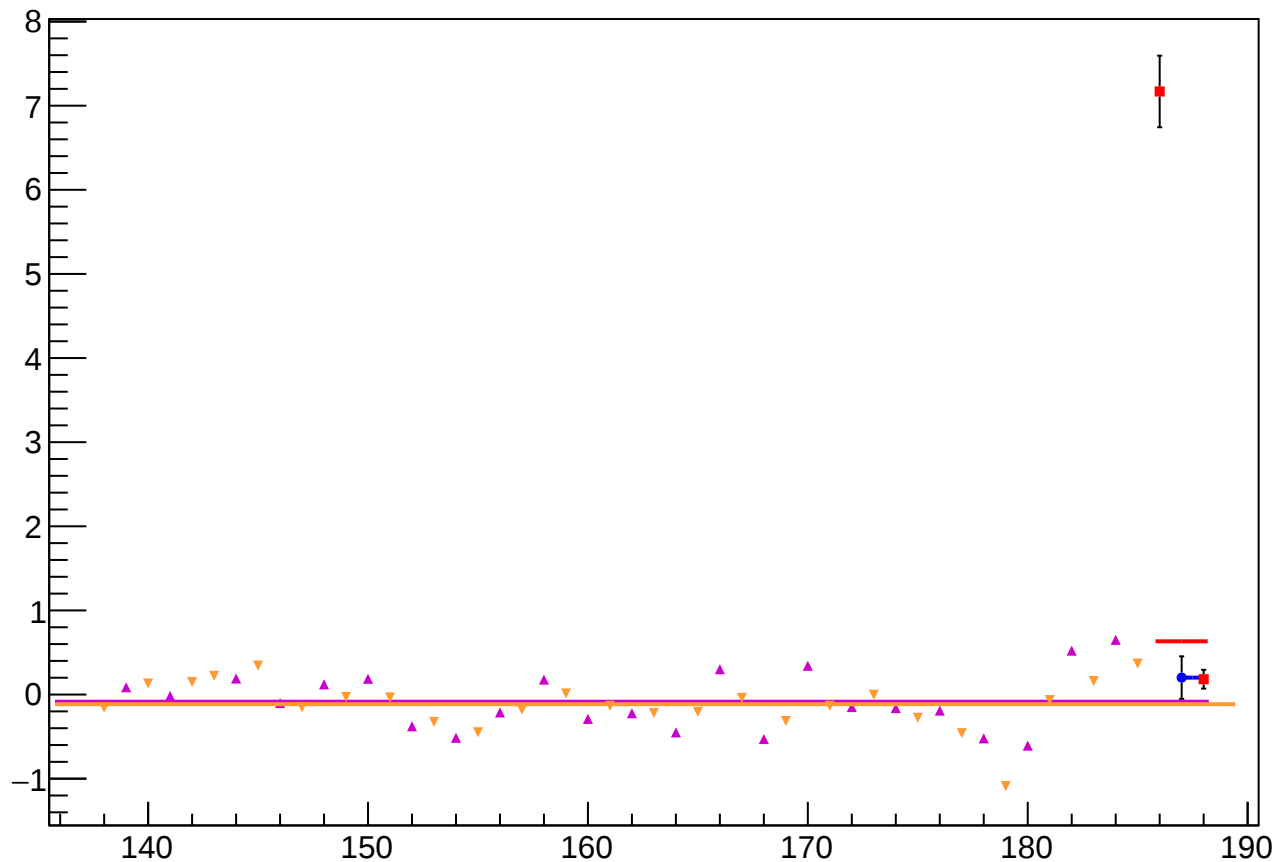
Left In: 78.367 $\pm$ 0.126 χ^2 /NDF: 4735.5/22

+ sign 79.362 $\pm$ 0.123 χ^2 /NDF: 5966.7/25

All: 78.889 $\pm$ 0.088 χ^2 /NDF: 10790.9/50

- sign 78.395 $\pm$ 0.126 χ^2 /NDF: 4794.2/24

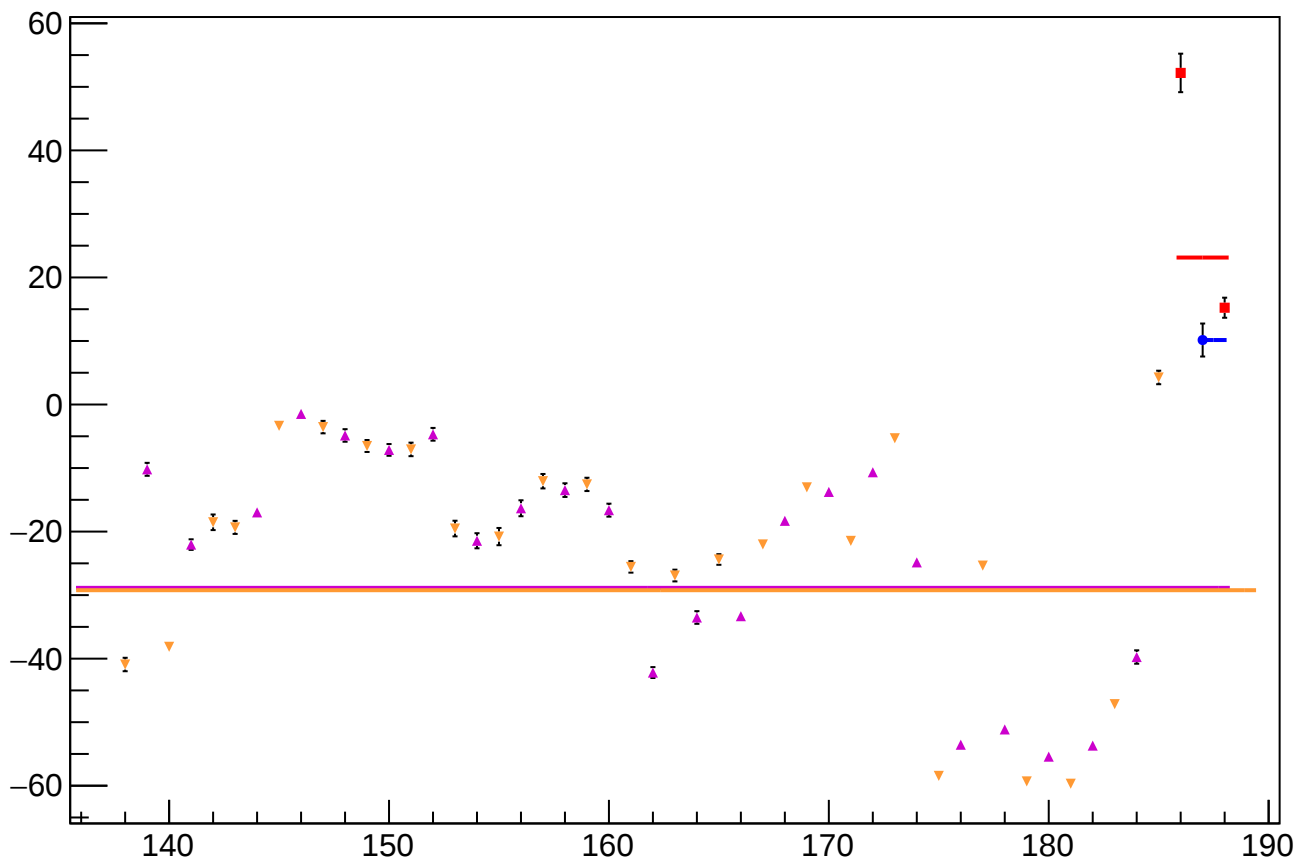
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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: 0.633 ± 0.108 χ^2/NDF : 252.3/1
 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 : 5750.3/50
 - sign -0.083 ± 0.006 χ^2/NDF : 3444.8/24

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: 23.134 $\pm$ 1.401 χ^2 /NDF: 117.0/1

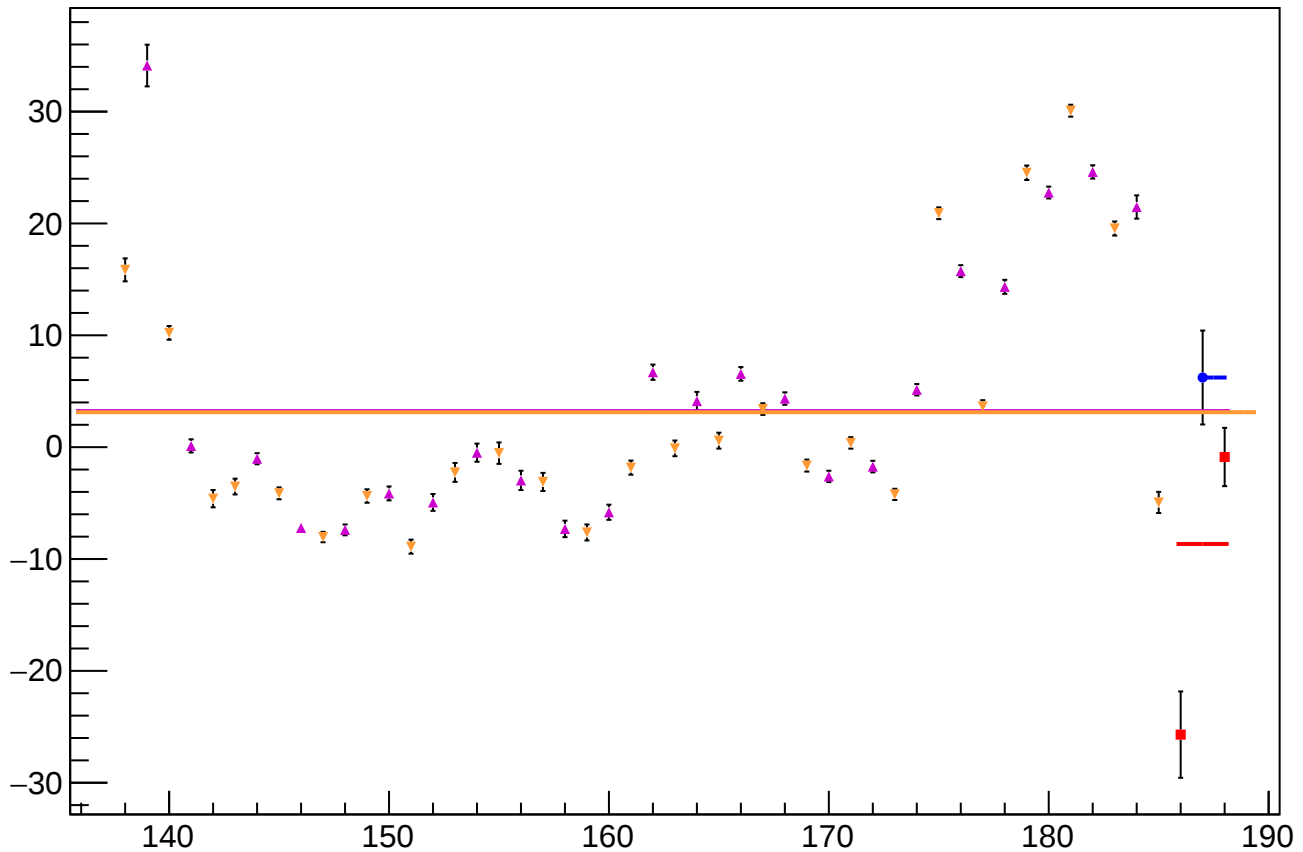
Left In: -28.857 $\pm$ 0.159 χ^2 /NDF:13553.6/22

+ sign -29.084 $\pm$ 0.157 χ^2 /NDF: 17109.2/25

All: -28.643 $\pm$ 0.111 χ^2 /NDF: 32155.6/50

- sign -28.195 $\pm$ 0.158 χ^2 /NDF: 15030.4/24

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: -8.654 $\pm$ 2.161 χ^2 /NDF: 28.4/1

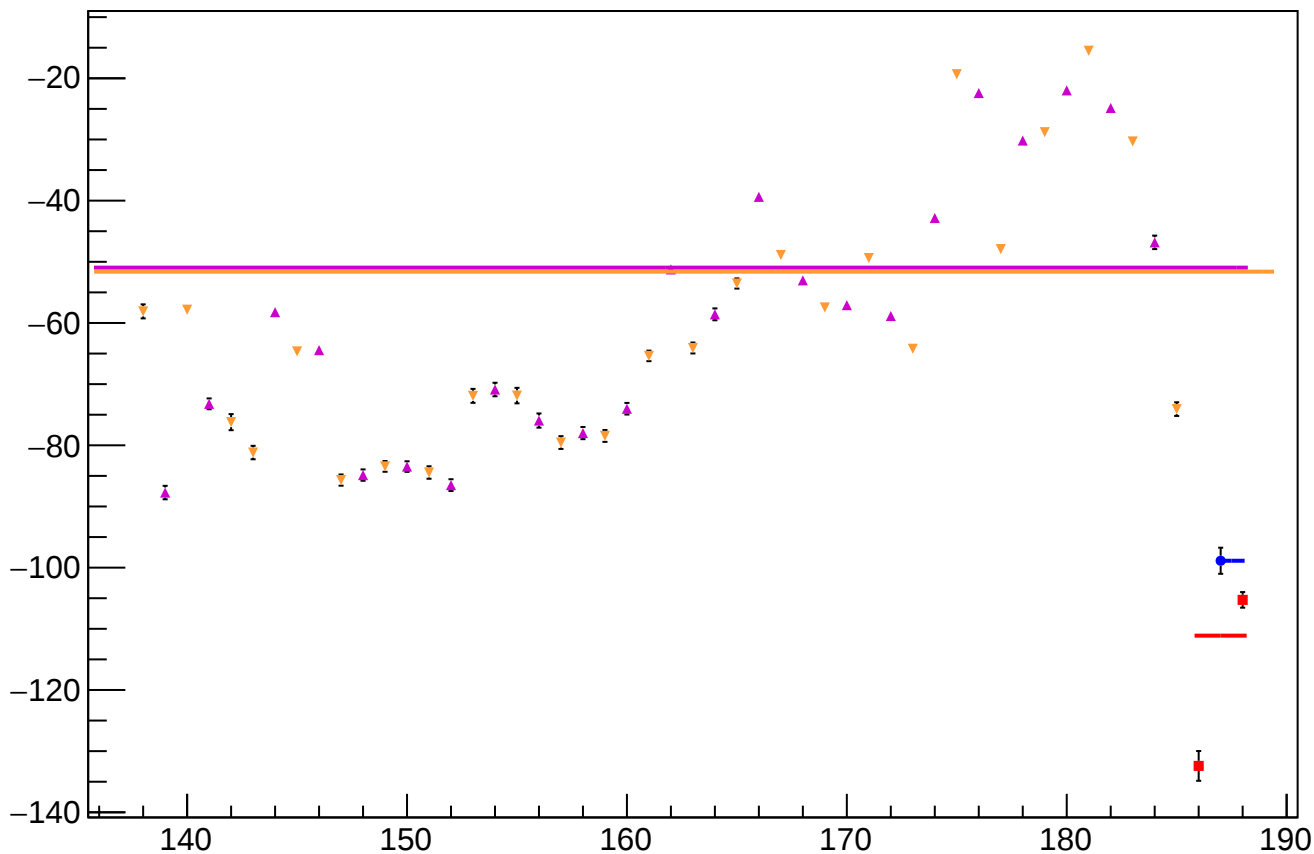
Left In: 3.224 $\pm$ 0.127 χ^2 /NDF:6274.0/22

+ sign 3.128 $\pm$ 0.125 χ^2 /NDF: 8049.6/25

All: 3.155 $\pm$ 0.089 χ^2 /NDF: 14382.1/50

- sign 3.183 $\pm$ 0.126 χ^2 /NDF: 6332.5/24

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: -111.117 ± 1.130 χ^2/NDF : 97.5/1

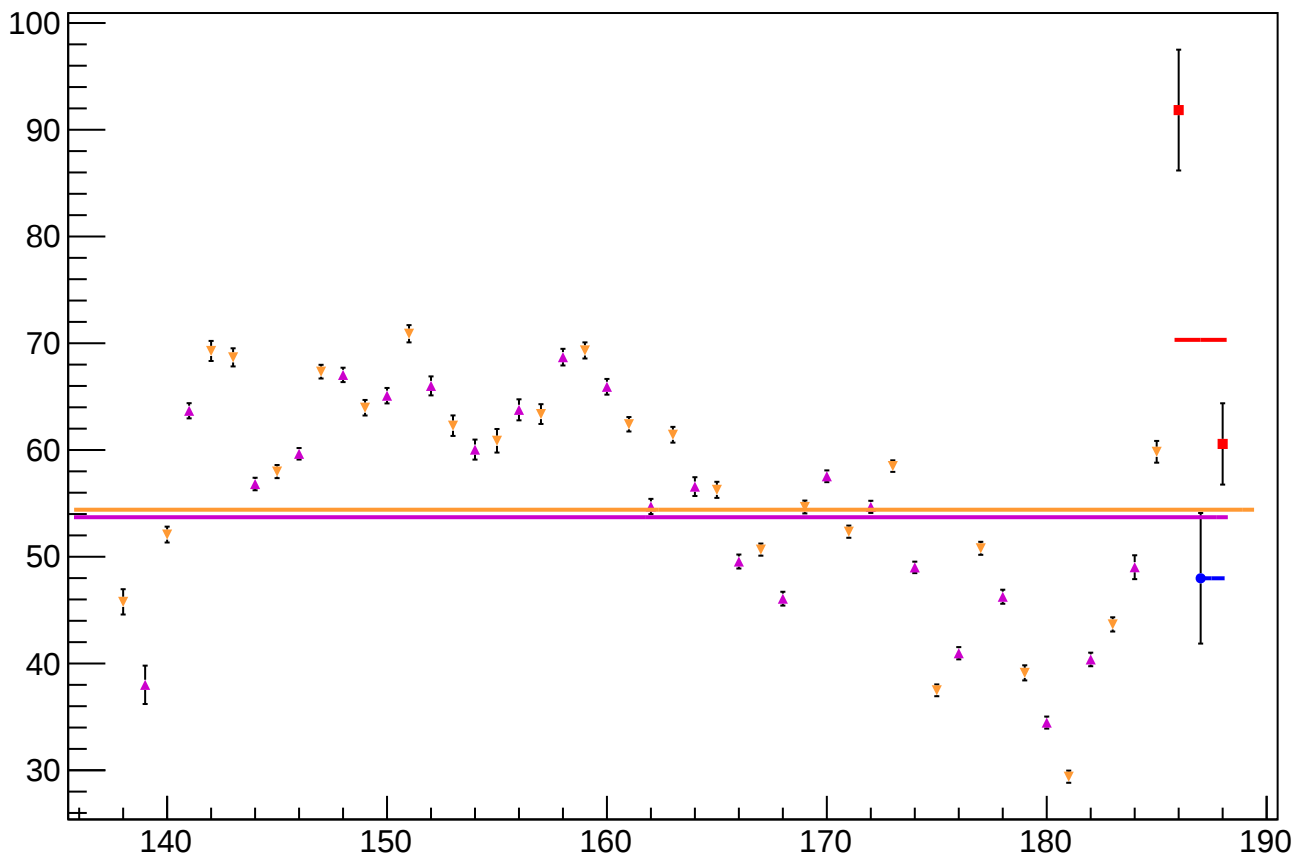
Left In: -50.954 ± 0.159 χ^2/NDF : 17472.2/22

+ sign -51.868 ± 0.158 χ^2/NDF : 19872.8/25

All: -51.998 ± 0.112 χ^2/NDF : 40222.7/50

- sign -52.128 ± 0.158 χ^2/NDF : 20348.6/24

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: 70.318+/-3.160 χ^2/NDF : 21.0/1

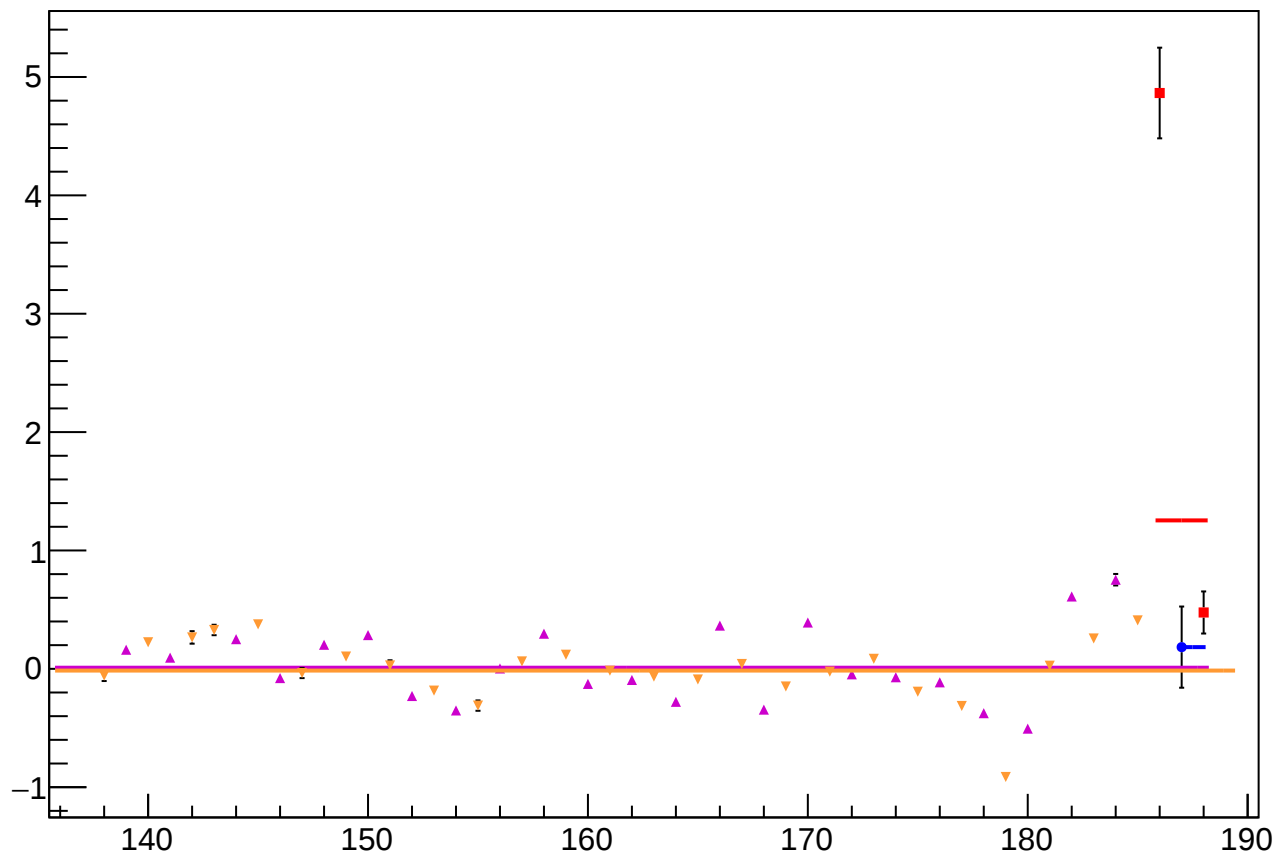
Left In: 53.704+/-0.143 χ^2/NDF : 4603.5/22

+ sign 54.403+/-0.140 χ^2/NDF : 6201.5/25

All: 54.075+/-0.100 χ^2/NDF : 10864.7/50

- sign 53.737+/-0.142 χ^2/NDF : 4652.1/24

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.183 $\pm$ 0.343 χ^2 /NDF: 0.0/0

Left Out: -0.015 $\pm$ 0.006 χ^2 /NDF: 1645.9/24

Right Out: 1.254 $\pm$ 0.161 χ^2 /NDF: 108.0/1

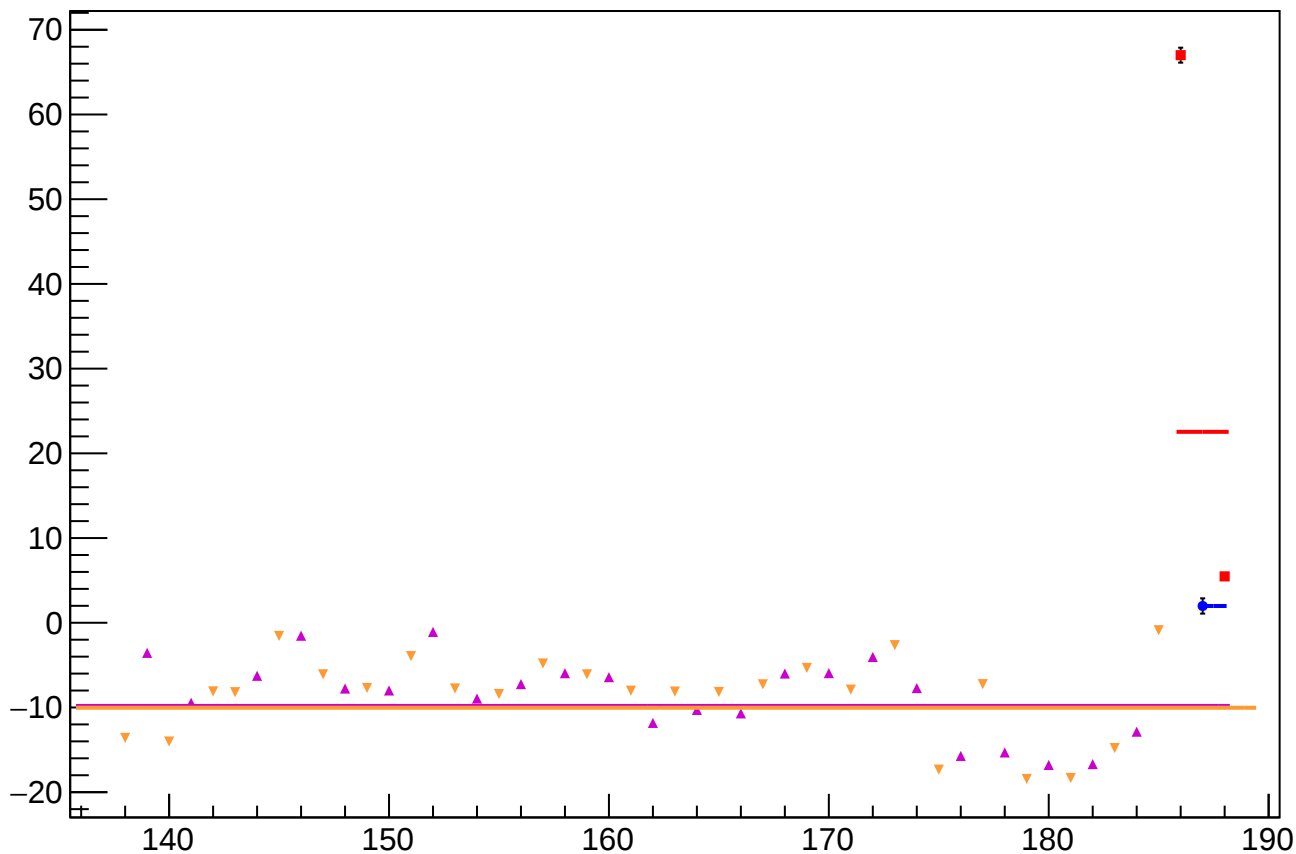
Left In: 0.009 $\pm$ 0.007 χ^2 /NDF: 2228.9/22

+ sign -0.015 $\pm$ 0.006 χ^2 /NDF: 1646.2/25

All: -0.002 $\pm$ 0.005 χ^2 /NDF: 4050.7/50

- sign 0.011 $\pm$ 0.007 χ^2 /NDF: 2396.4/24

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: 22.539 ± 0.466 χ^2/NDF : 3494.1/1

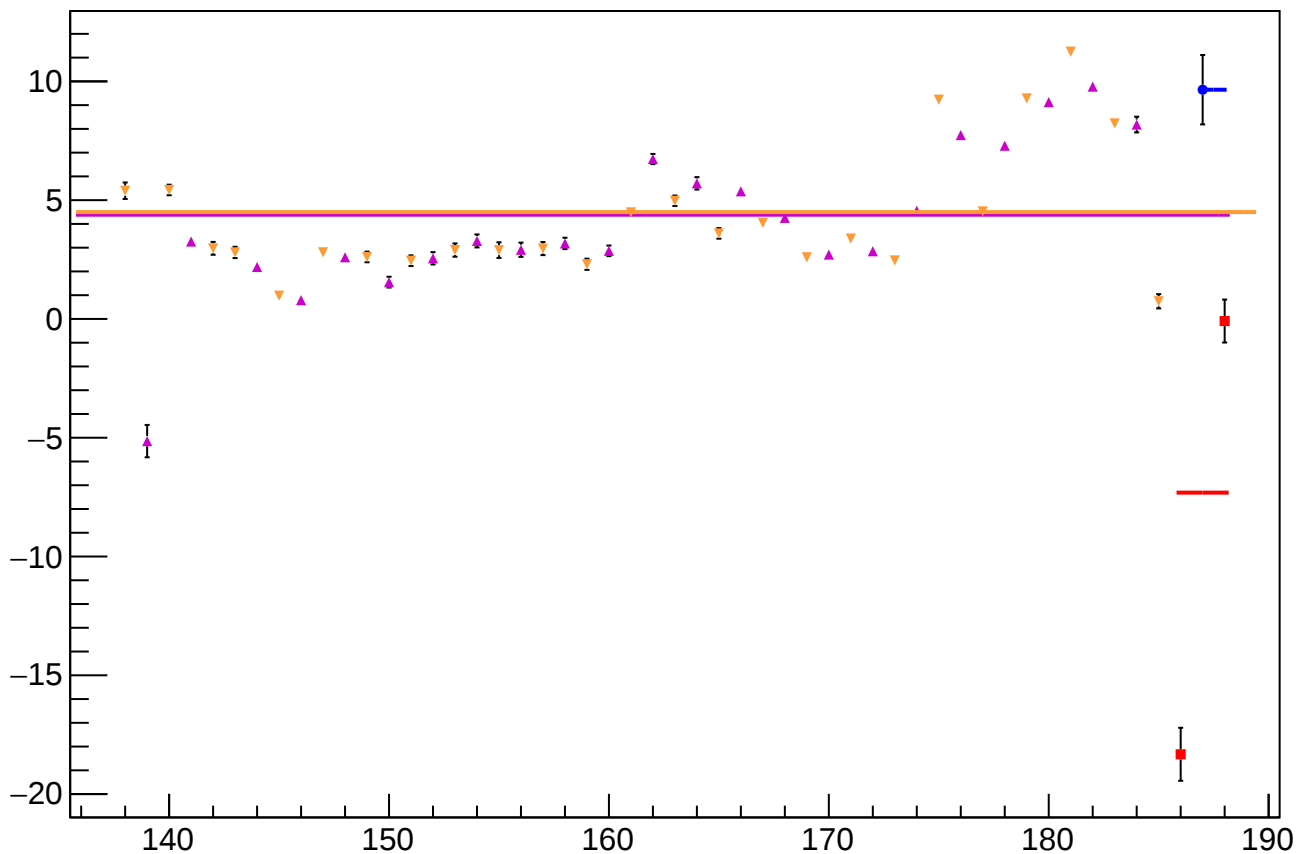
Left In: -9.820 ± 0.051 χ^2/NDF : 9468.8/22

+ sign -9.992 ± 0.051 χ^2/NDF : 12706.9/25

All: -9.714 ± 0.036 χ^2/NDF : 30495.2/50

- sign -9.434 ± 0.051 χ^2/NDF : 17727.9/24

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: -7.311 $\pm$ 0.702 χ^2 /NDF: 161.2/1

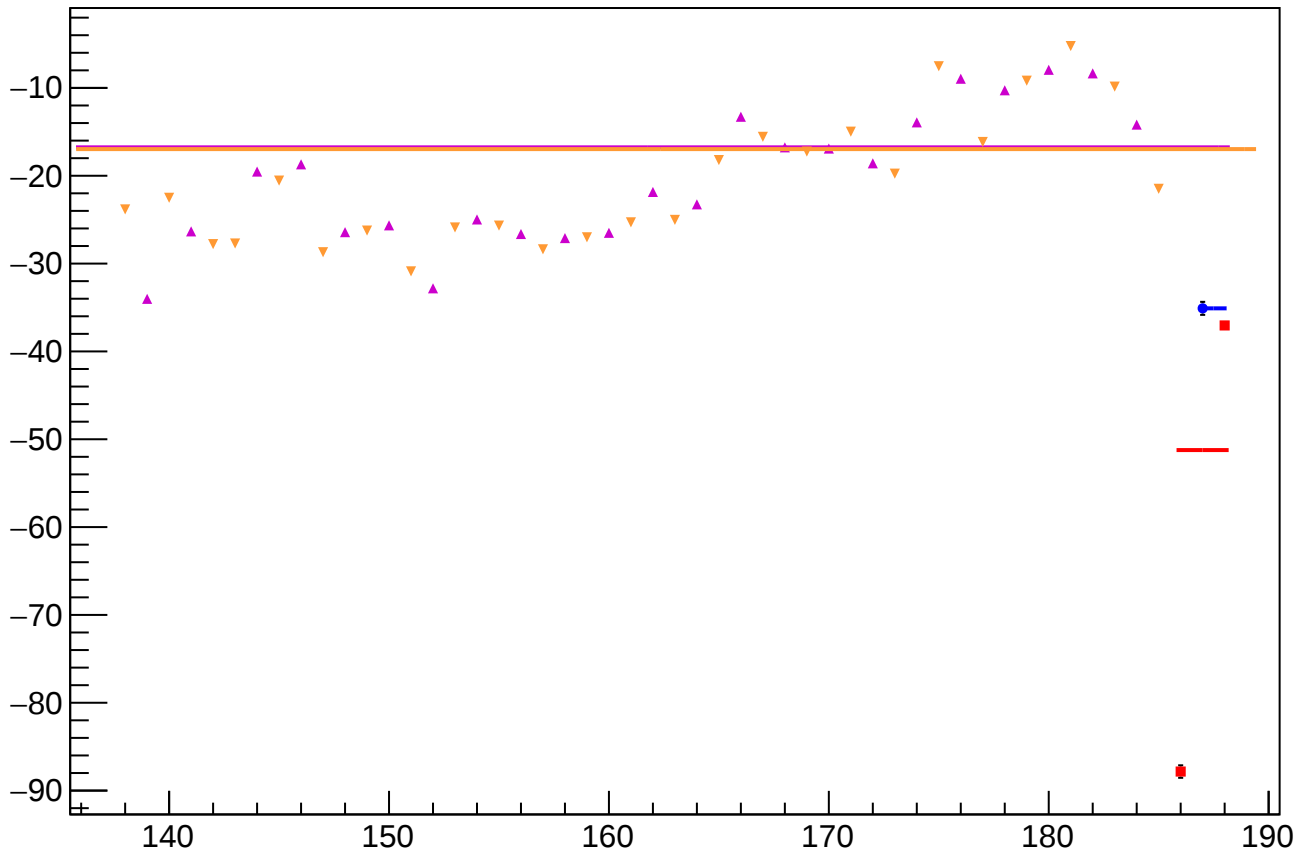
Left In: 4.388 $\pm$ 0.041 χ^2 /NDF: 4266.4/22

+ sign 4.503 $\pm$ 0.041 χ^2 /NDF: 4821.7/25

All: 4.426 $\pm$ 0.029 χ^2 /NDF: 9533.0/50

- sign 4.348 $\pm$ 0.041 χ^2 /NDF: 4704.1/24

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -35.096 ± 0.741 χ^2/NDF : 0.0/0

Left Out: -16.965 ± 0.051 χ^2/NDF : 21902.1/24

Right Out: -51.232 ± 0.376 χ^2/NDF : 3678.2/1

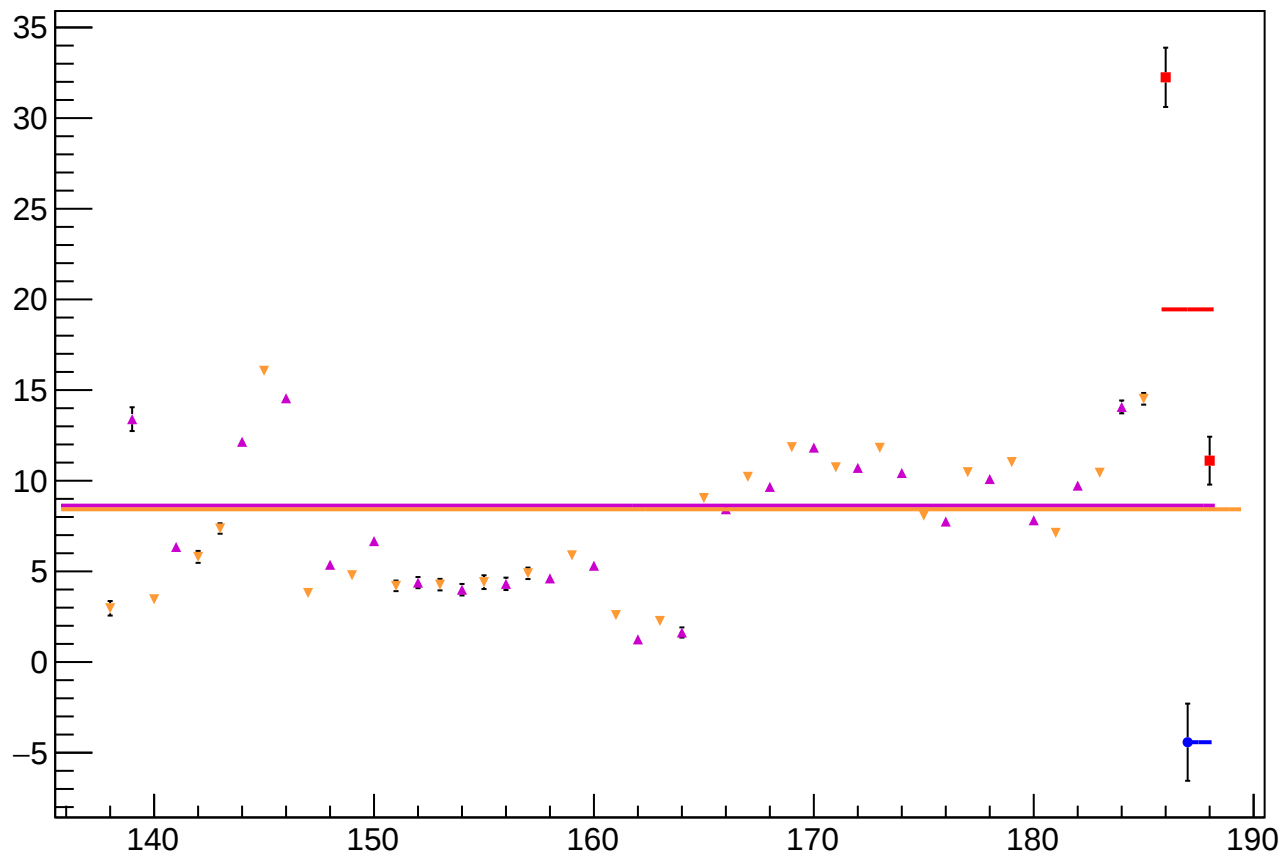
Left In: -16.764 ± 0.051 χ^2/NDF : 19037.7/22

+ sign -17.051 ± 0.051 χ^2/NDF : 22497.3/25

All: -17.224 ± 0.036 χ^2/NDF : 53496.0/50

- sign -17.396 ± 0.051 χ^2/NDF : 30975.8/24

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: 19.450 ± 1.027 χ^2/NDF : 101.2/1

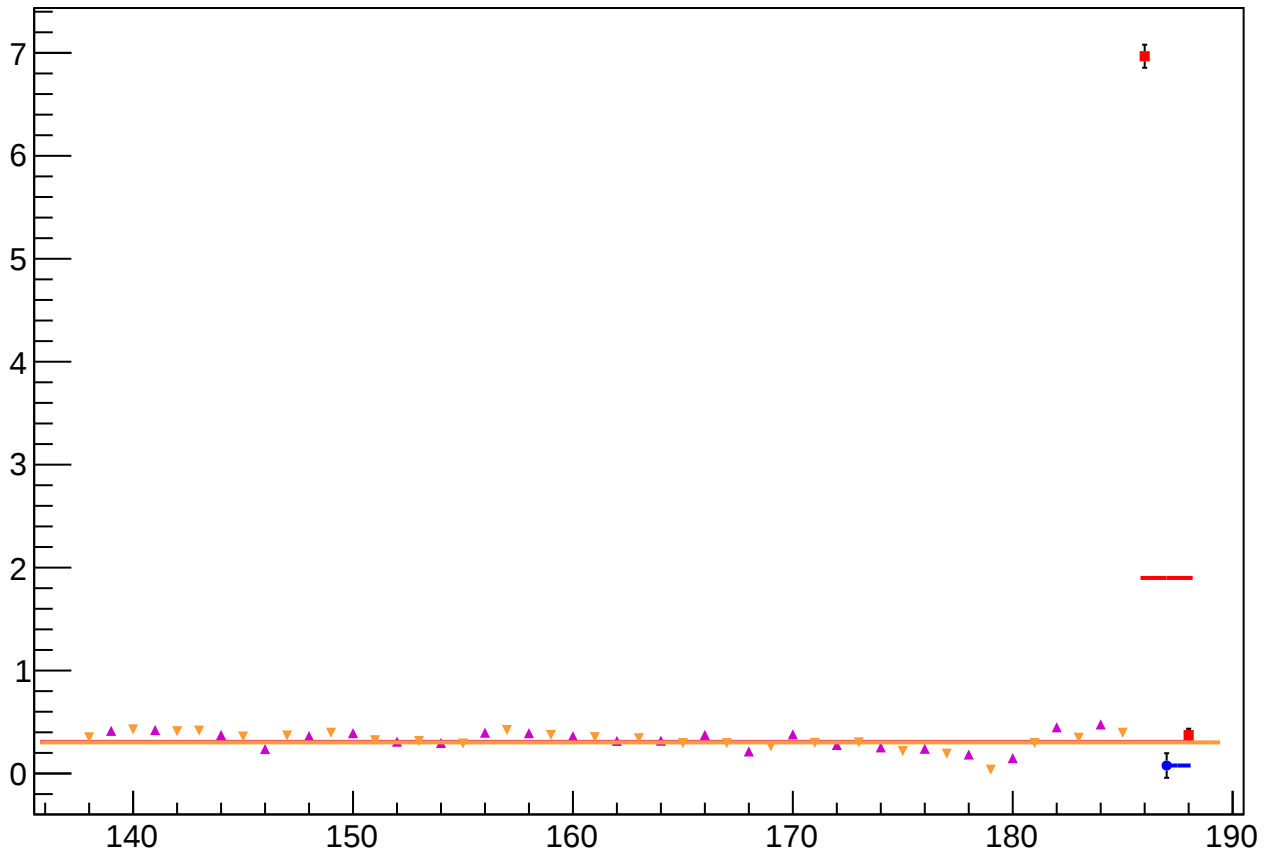
Left In: 8.626 ± 0.046 χ^2/NDF : 5531.9/22

+ sign 8.418 ± 0.046 χ^2/NDF : 6515.0/25

All: 8.532 ± 0.032 χ^2/NDF : 12271.4/50

- sign 8.648 ± 0.046 χ^2/NDF : 5743.9/24

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: 1.900 $\pm$ 0.054 χ^2 /NDF: 2655.2/1

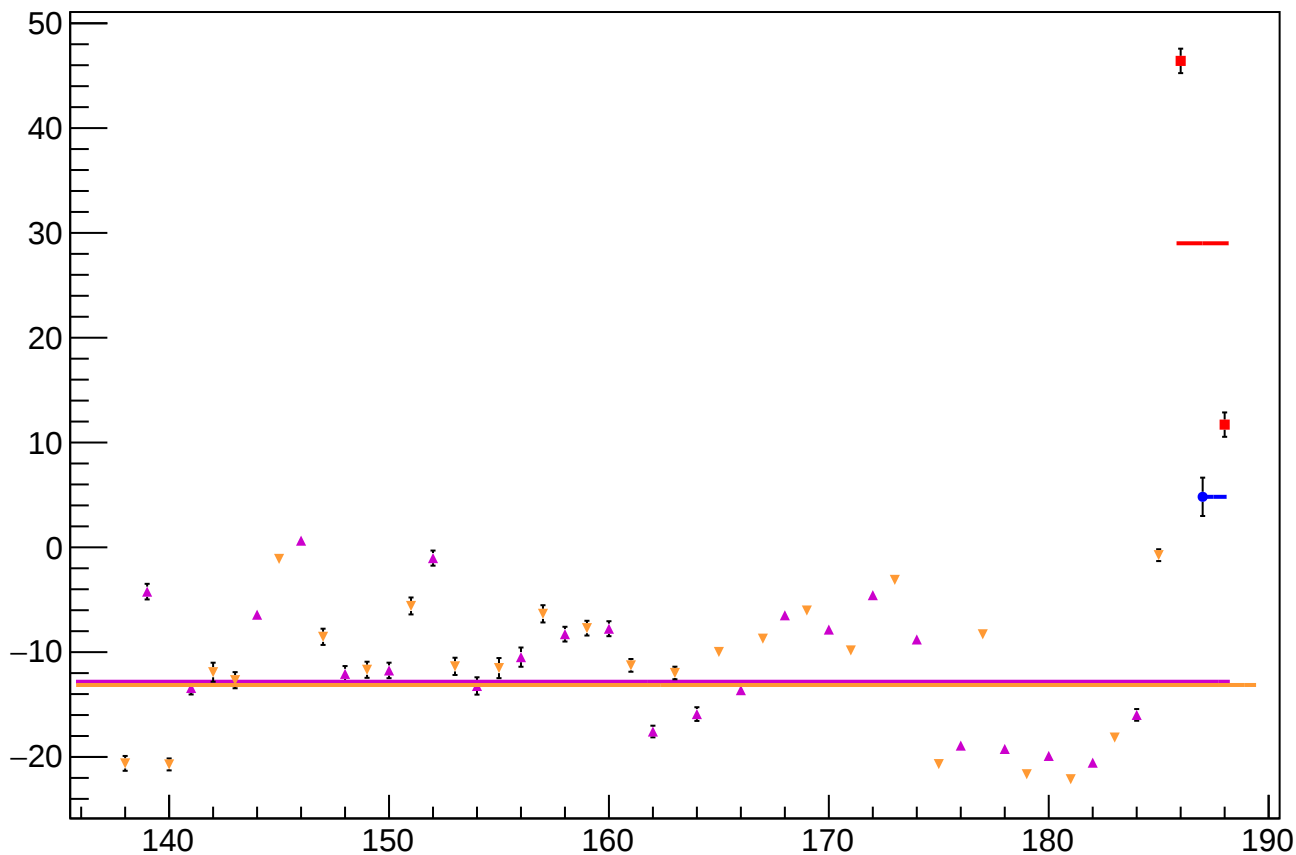
Left In: 0.307 $\pm$ 0.002 χ^2 /NDF: 1716.8/22

+ sign 0.302 $\pm$ 0.002 χ^2 /NDF: 1593.4/25

All: 0.306 $\pm$ 0.001 χ^2 /NDF: 6840.7/50

- sign 0.310 $\pm$ 0.002 χ^2 /NDF: 5241.2/24

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 4.820 ± 1.829 χ^2/NDF : 0.0/0

Left Out: -13.133 ± 0.094 χ^2/NDF : 5974.5/24

Right Out: 29.009 ± 0.824 χ^2/NDF : 443.8/1

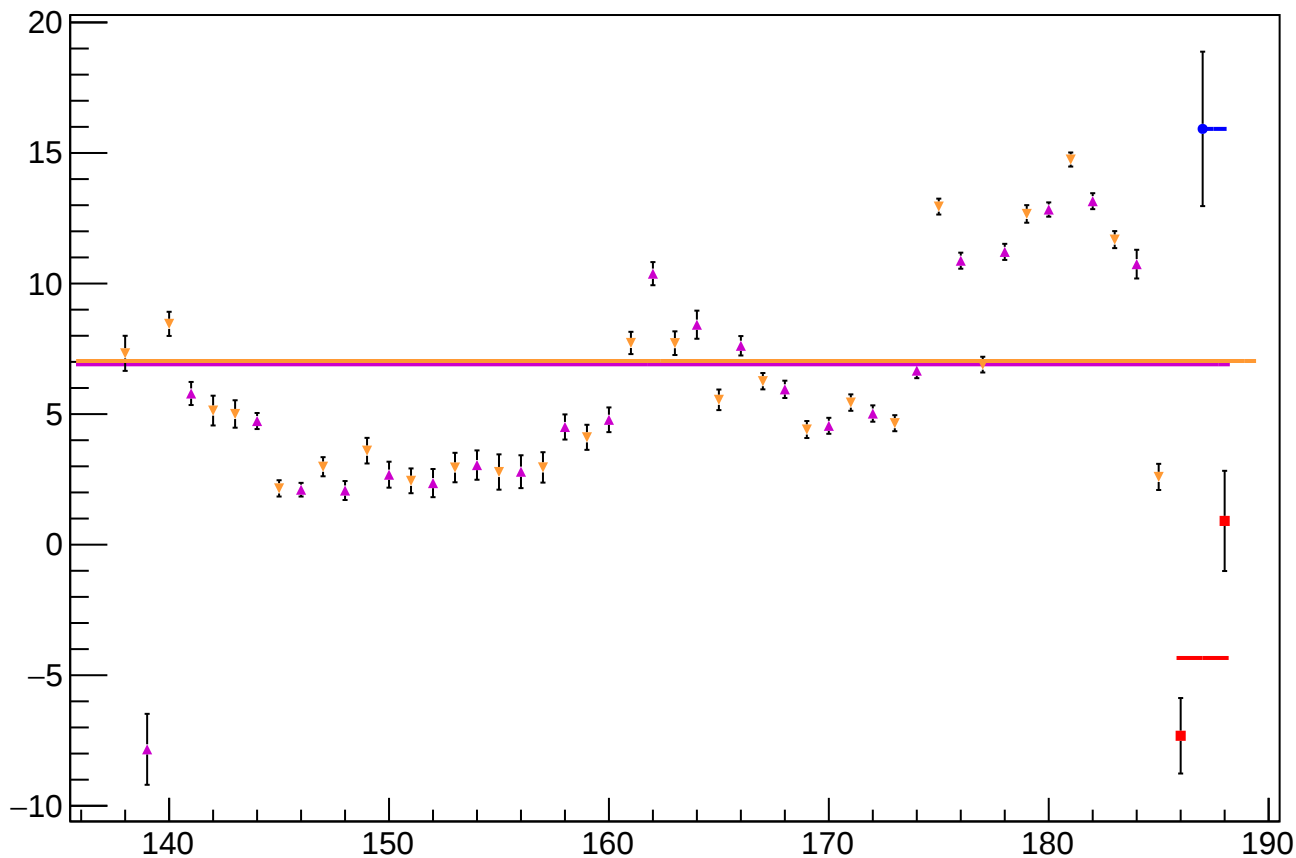
Left In: -12.823 ± 0.095 χ^2/NDF : 4841.5/22

+ sign -13.086 ± 0.094 χ^2/NDF : 6070.6/25

All: -12.683 ± 0.066 χ^2/NDF : 13938.8/50

- sign -12.277 ± 0.094 χ^2/NDF : 7831.1/24

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 15.923+/-2.957 χ^2 /NDF: 0.0/0

Left Out: 7.034+/-0.077 χ^2 /NDF:2657.5/24

Right Out: -4.339+/-1.155 χ^2 /NDF: 11.7/1

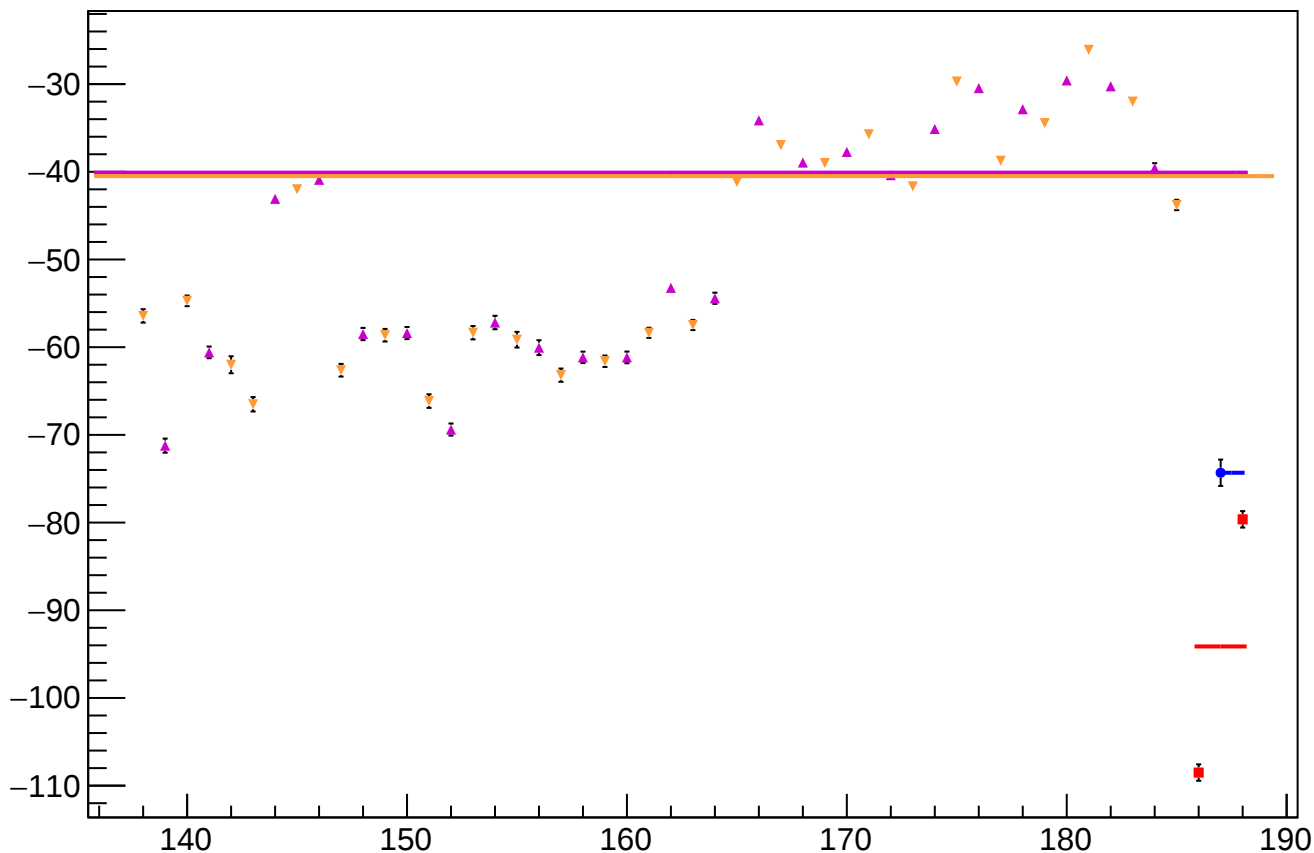
Left In: 6.906+/-0.077 χ^2 /NDF:2442.8/22

+ sign 7.040+/-0.077 χ^2 /NDF: 2666.5/25

All: 6.948+/-0.055 χ^2 /NDF: 5218.4/50

- sign 6.856+/-0.077 χ^2 /NDF: 2549.0/24

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: -94.124 ± 0.663 χ^2/NDF : 474.6/1

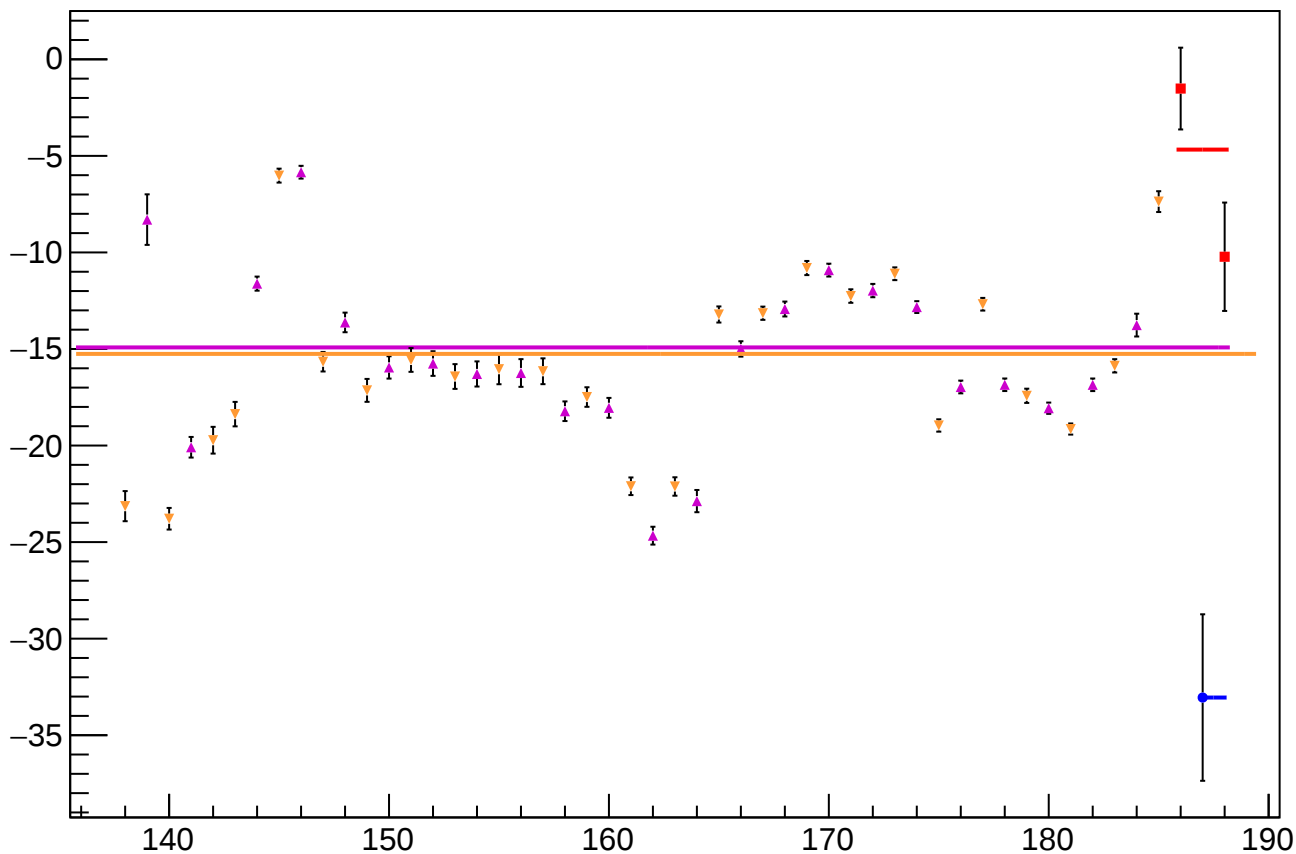
Left In: -40.091 ± 0.095 χ^2/NDF : 14103.5/22

+ sign -40.627 ± 0.095 χ^2/NDF : 15939.4/25

All: -40.906 ± 0.067 χ^2/NDF : 37046.1/50

- sign -41.184 ± 0.094 χ^2/NDF : 21089.3/24

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -33.050 $\pm$ 4.311 χ^2 /NDF: 0.0/0

Left Out: -15.254 $\pm$ 0.086 χ^2 /NDF:2594.4/24

Right Out: -4.675 $\pm$ 1.690 χ^2 /NDF: 6.1/1

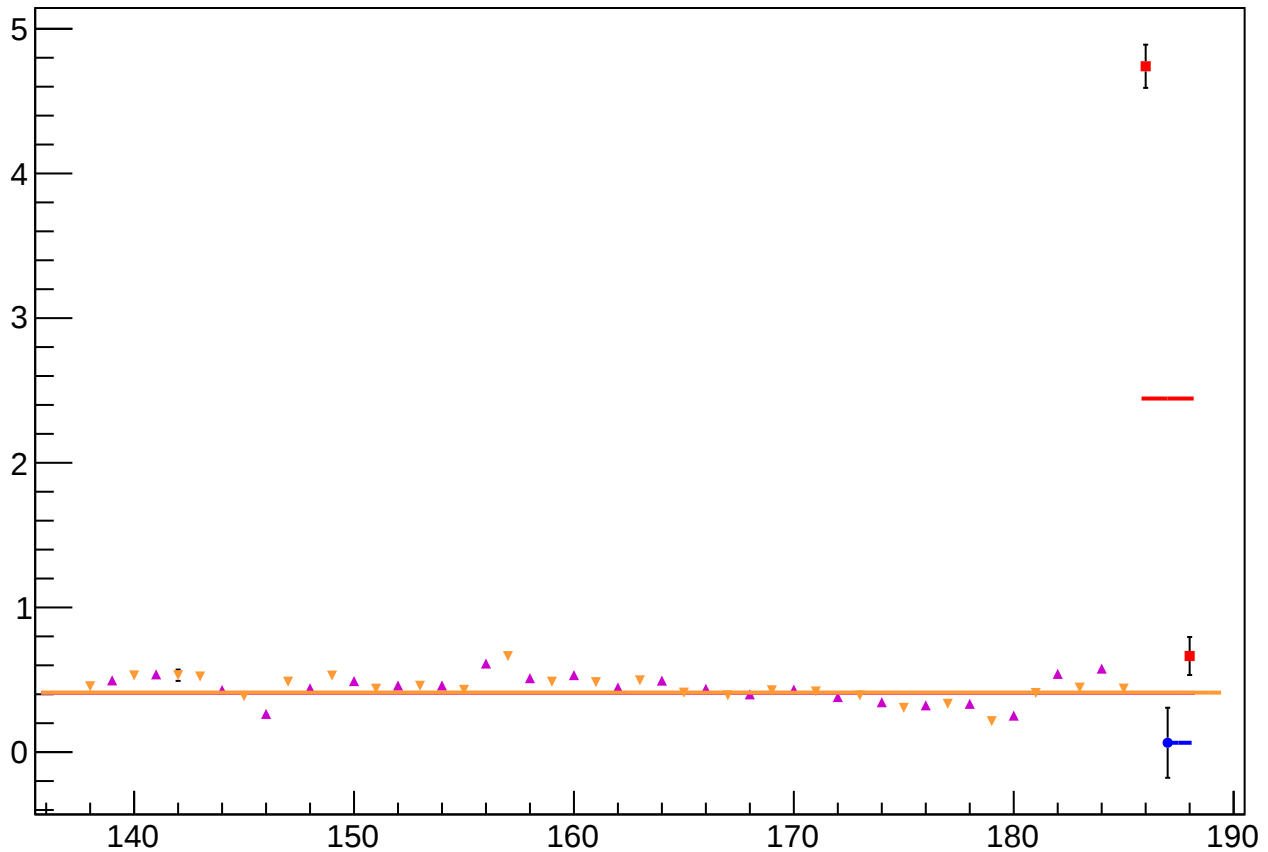
Left In: -14.919 $\pm$ 0.087 χ^2 /NDF:2207.7/22

+ sign -15.261 $\pm$ 0.086 χ^2 /NDF: 2611.4/25

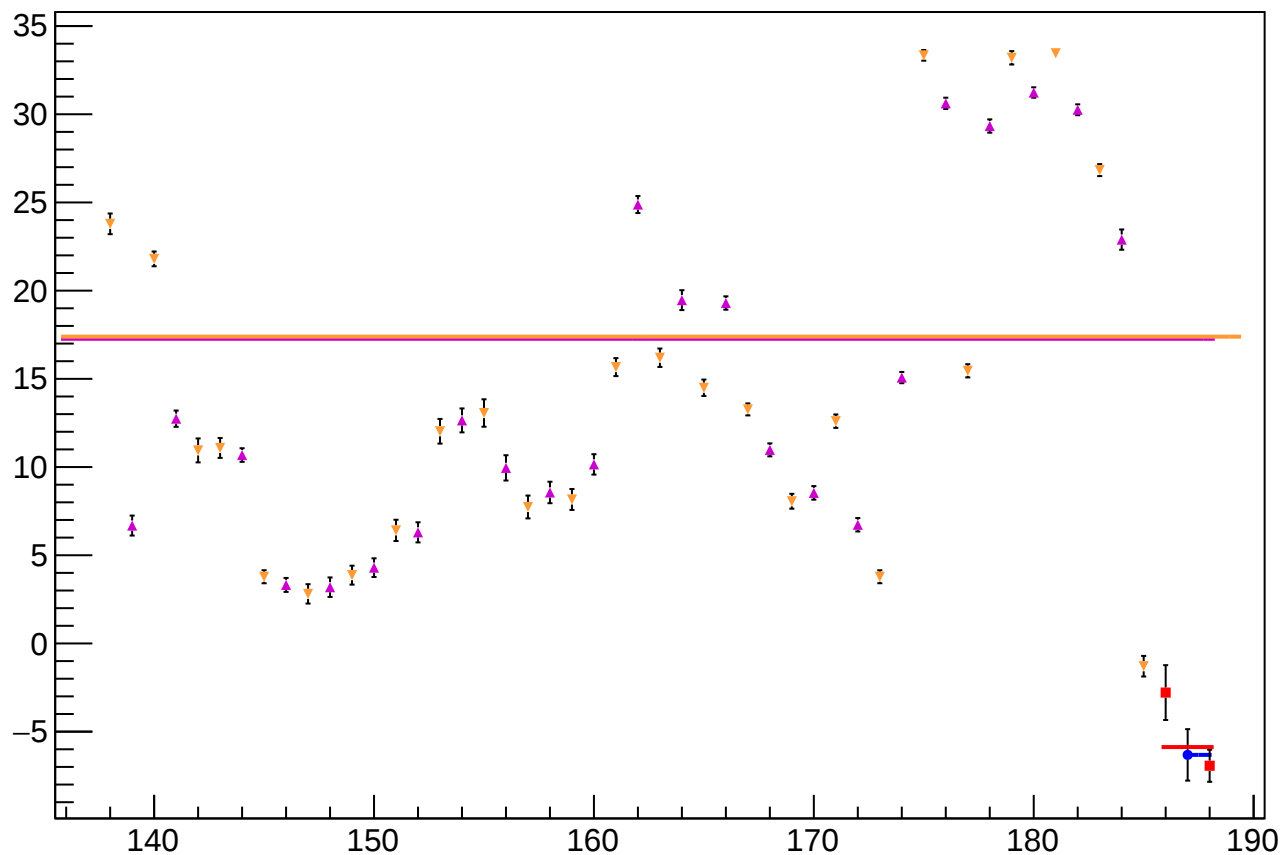
All: -15.078 $\pm$ 0.061 χ^2 /NDF: 4871.1/50

- sign -14.892 $\pm$ 0.086 χ^2 /NDF: 2250.5/24

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



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: -5.873+/-0.785 χ^2 /NDF: 5.3/1

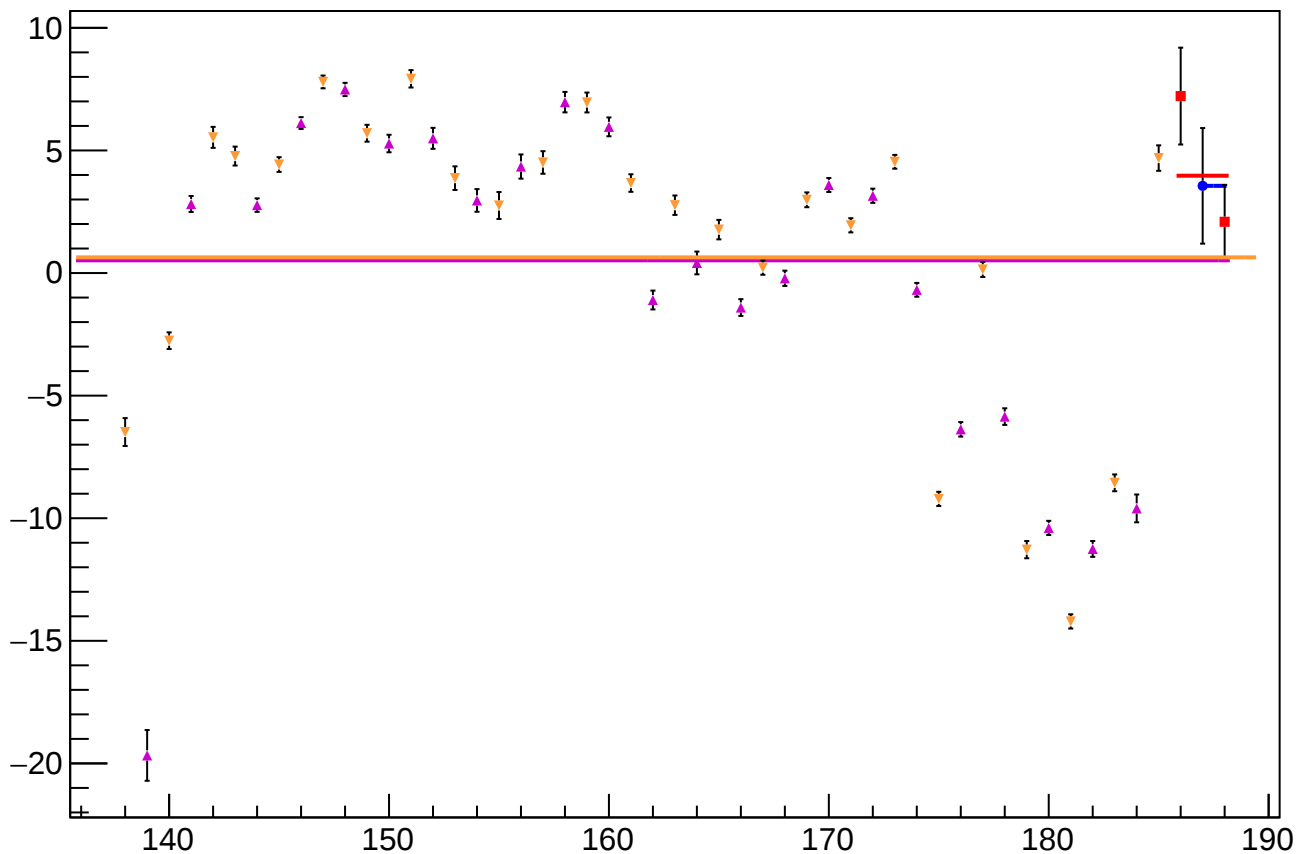
Left In: 17.271+/-0.088 χ^2 /NDF:12892.2/22

+ sign 17.309+/-0.087 χ^2 /NDF: 16569.0/25

All: 17.146+/-0.062 χ^2 /NDF: 30331.1/50

- sign 16.981+/-0.088 χ^2 /NDF: 13755.1/24

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: 3.970 $\pm$ 1.196 χ^2 /NDF: 4.3/1

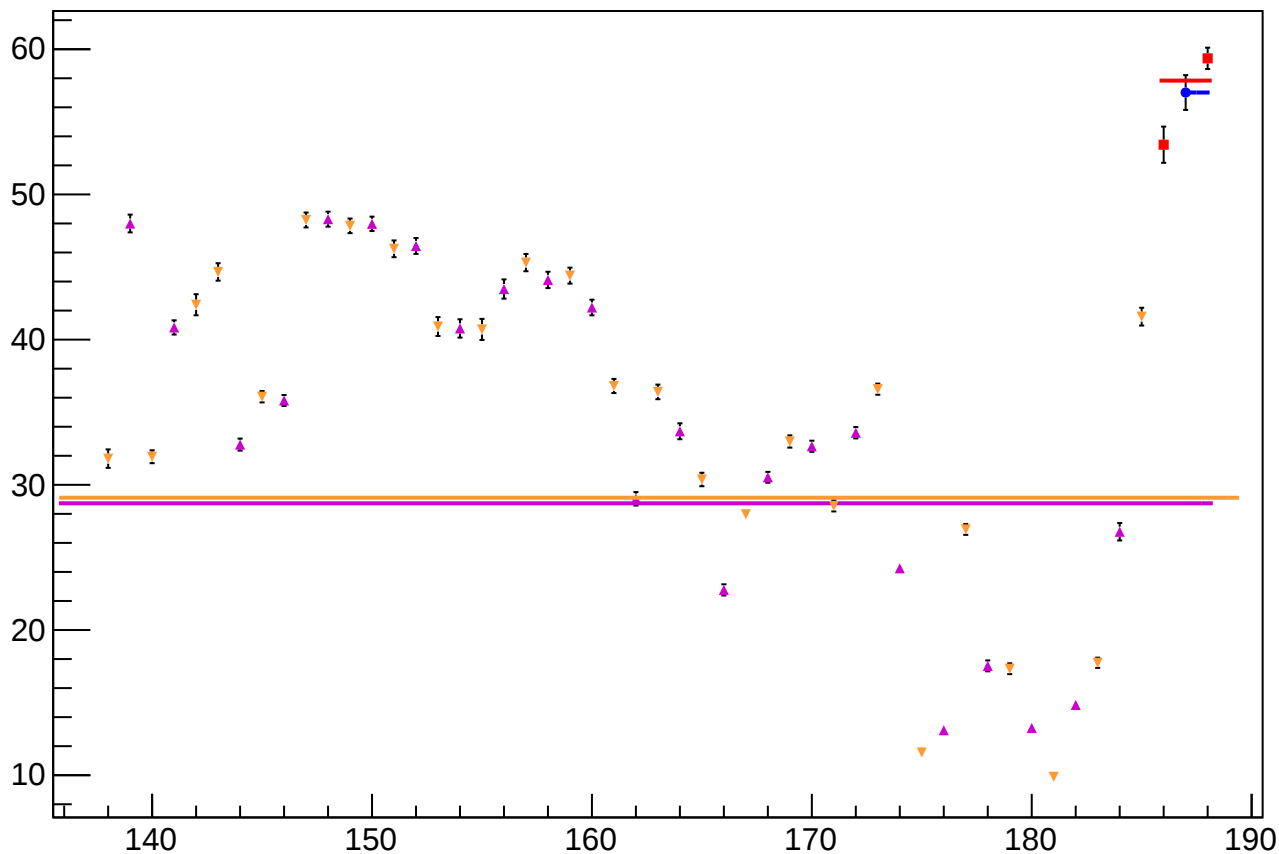
Left In: 0.519 $\pm$ 0.071 χ^2 /NDF:6776.8/22

+ sign 0.642 $\pm$ 0.069 χ^2 /NDF: 8516.4/25

All: 0.587 $\pm$ 0.049 χ^2 /NDF: 15307.0/50

- sign 0.531 $\pm$ 0.070 χ^2 /NDF: 6789.4/24

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 57.019 $\pm$ 1.199 χ^2 /NDF: 0.0/0

Left Out: 29.110 $\pm$ 0.088 χ^2 /NDF:18845.8/24

Right Out: 57.841 $\pm$ 0.633 χ^2 /NDF: 16.9/1

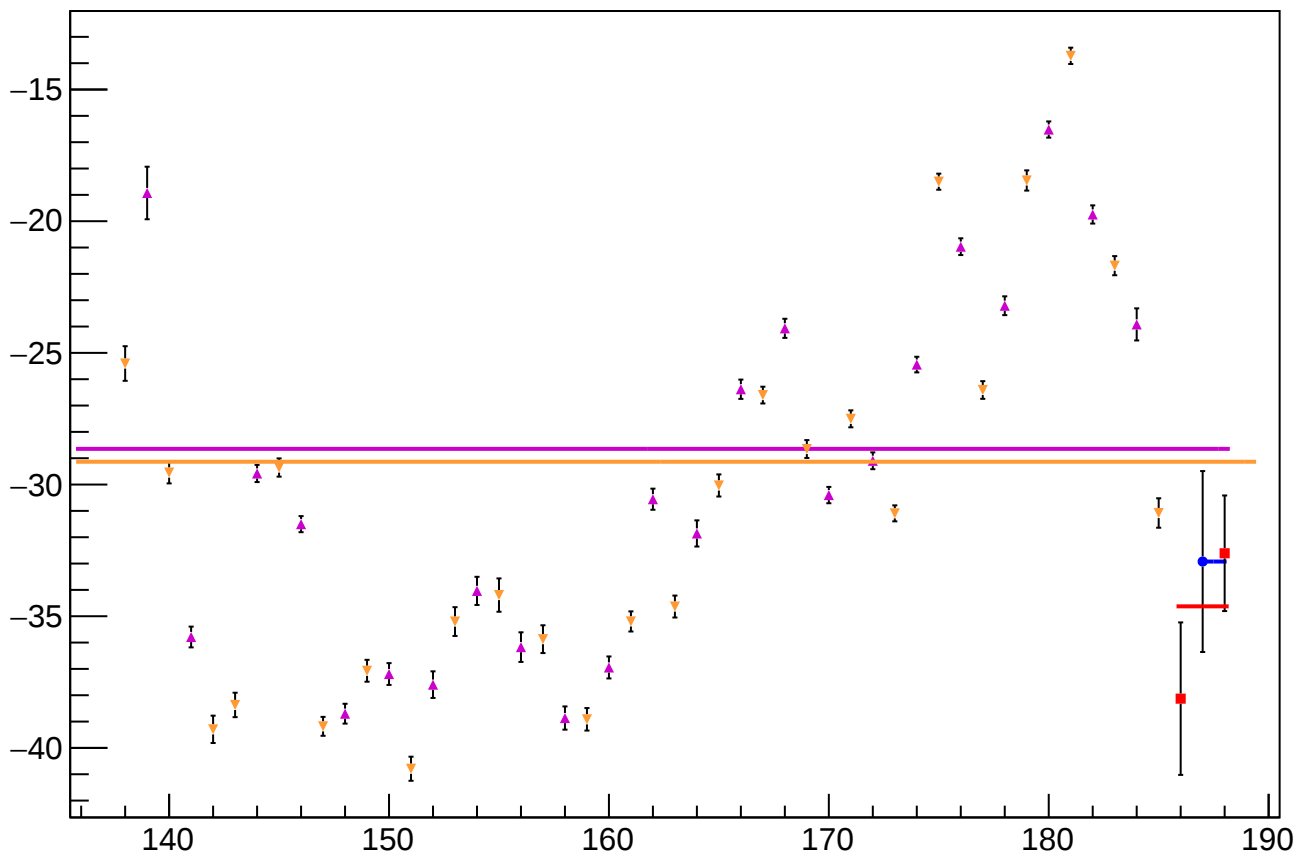
Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

+ sign 29.259 $\pm$ 0.088 χ^2 /NDF: 19384.7/25

All: 29.274 $\pm$ 0.062 χ^2 /NDF: 38511.1/50

- sign 29.289 $\pm$ 0.088 χ^2 /NDF: 19126.4/24

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: -34.625 ± 1.749 χ^2/NDF : 2.3/1

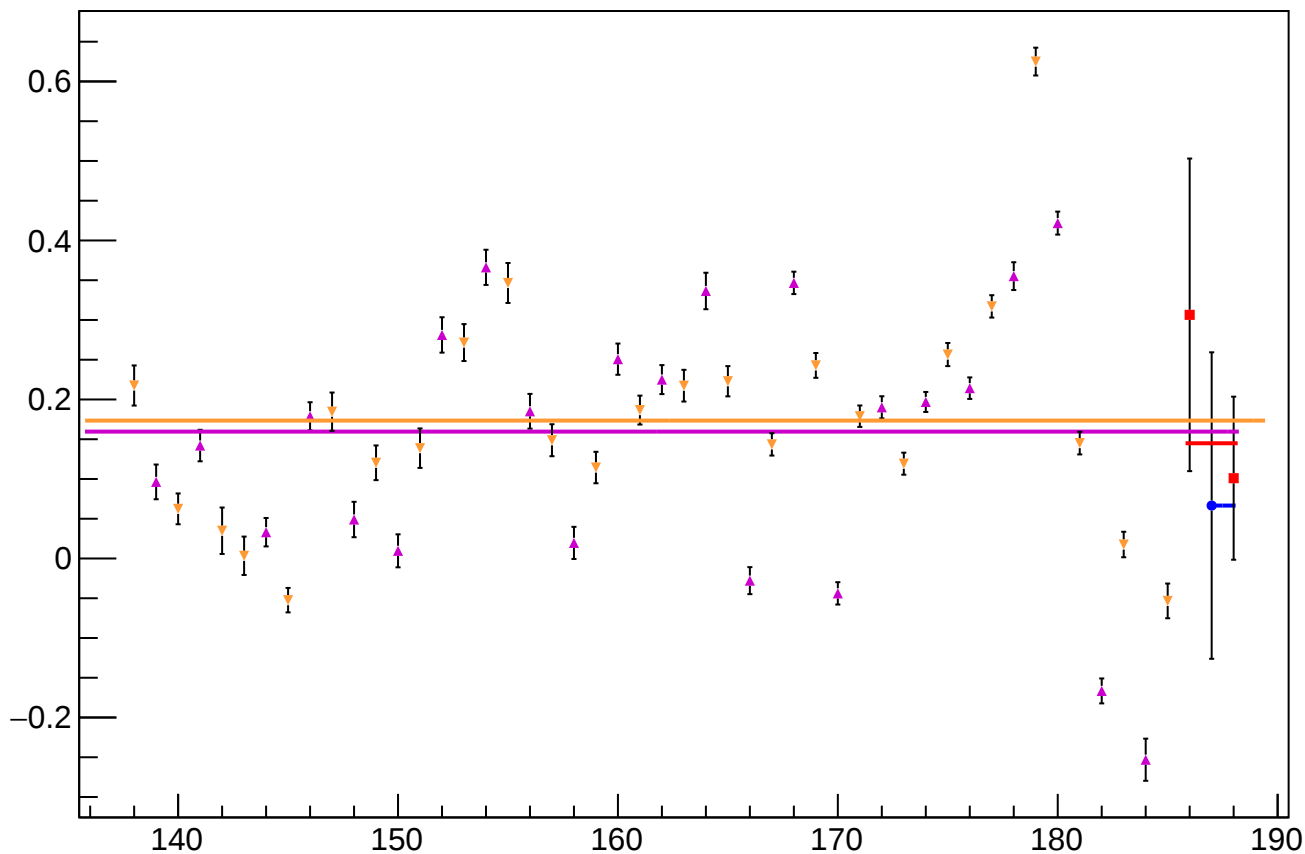
Left In: -28.645 ± 0.080 χ^2/NDF : 6693.5/22

+ sign -29.136 ± 0.078 χ^2/NDF : 8999.2/25

All: -28.900 ± 0.056 χ^2/NDF : 15725.2/50

- sign -28.657 ± 0.079 χ^2/NDF : 6707.5/24

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: 0.145 $\pm$ 0.091 χ^2 /NDF: 0.9/1

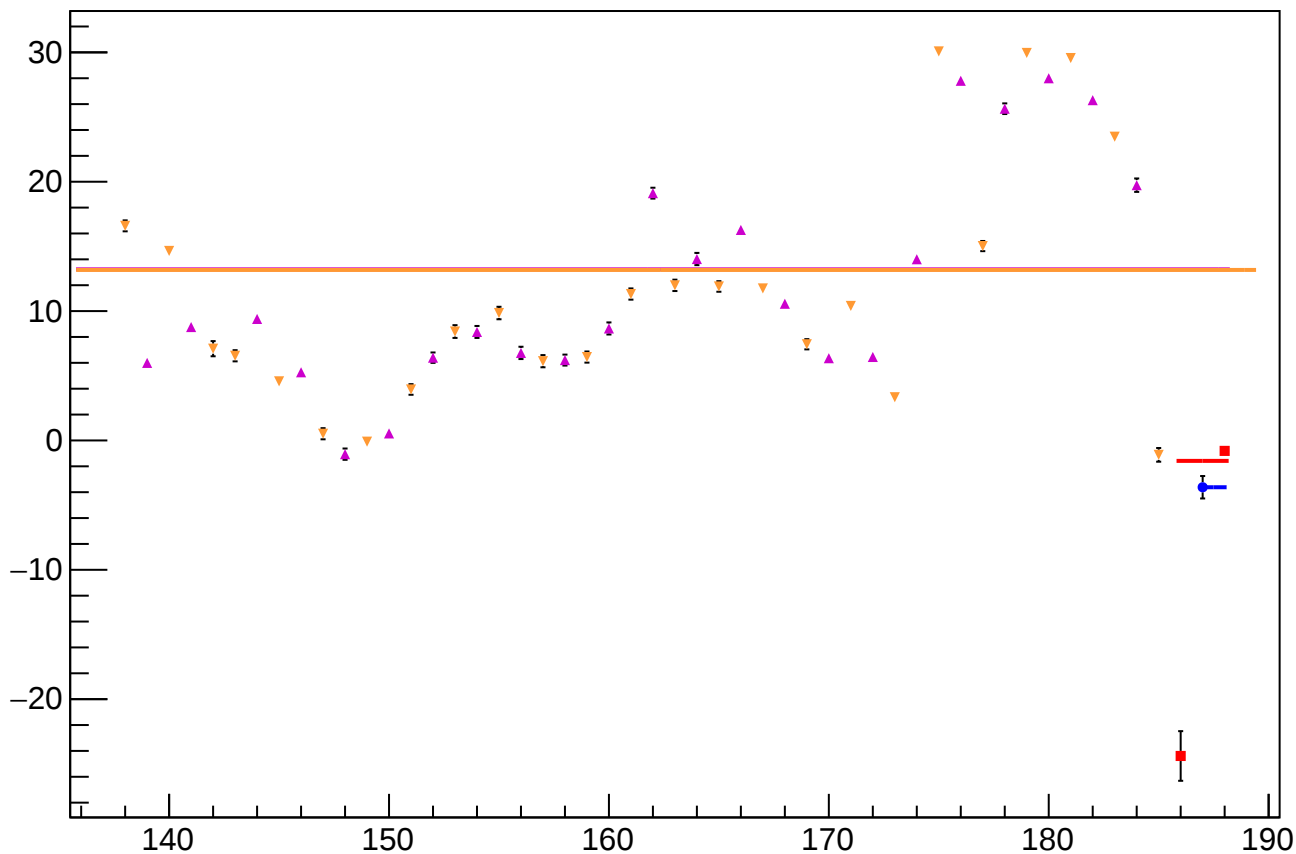
Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22

+ sign 0.173 $\pm$ 0.004 χ^2 /NDF: 1469.1/25

All: 0.167 $\pm$ 0.003 χ^2 /NDF: 3541.1/50

- sign 0.160 $\pm$ 0.004 χ^2 /NDF: 2064.6/24

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: -1.580 ± 0.347 χ^2/NDF : 146.1/1

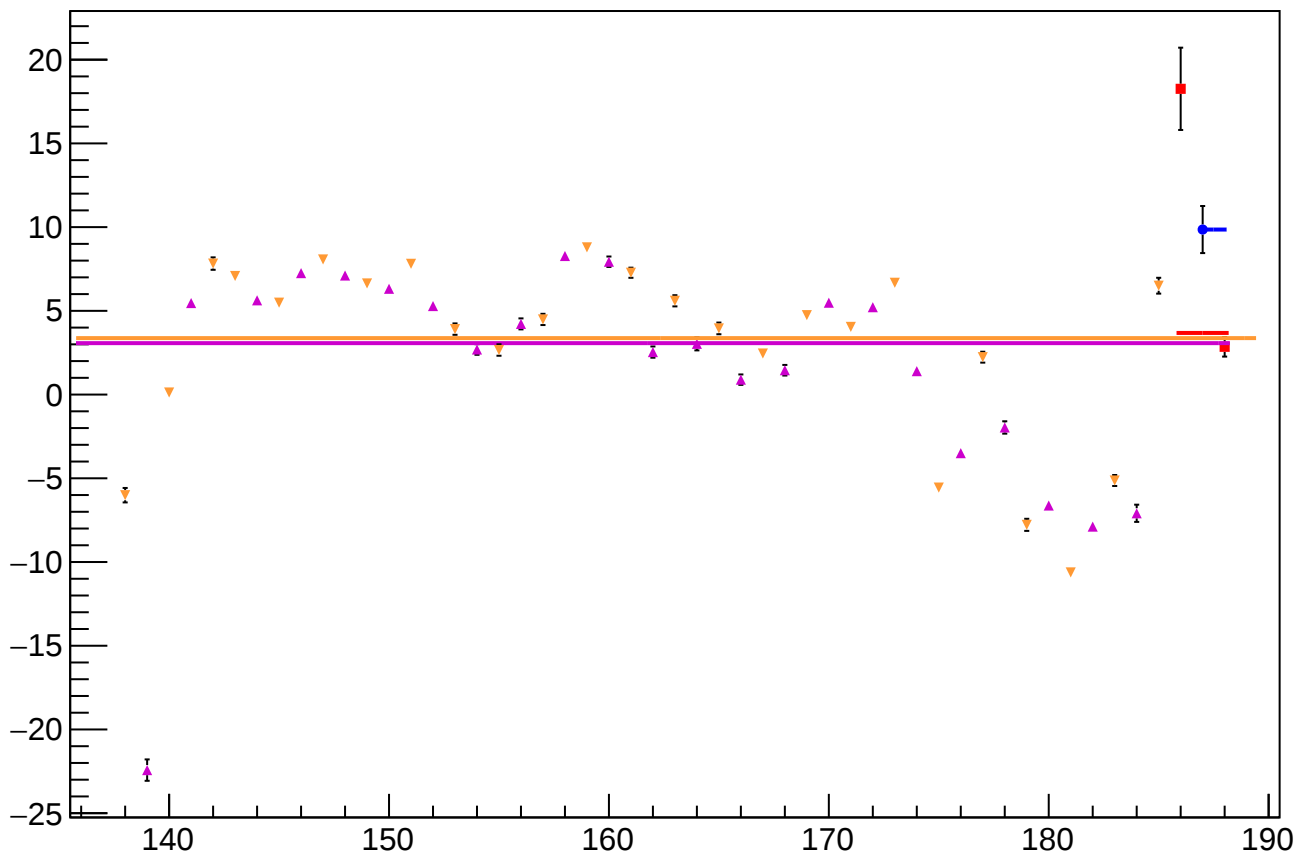
Left In: 13.228 ± 0.077 χ^2/NDF : 14126.1/22

+ sign 13.055 ± 0.075 χ^2/NDF : 17411.7/25

All: 12.797 ± 0.053 χ^2/NDF : 33440.7/50

- sign 12.541 ± 0.075 χ^2/NDF : 16005.5/24

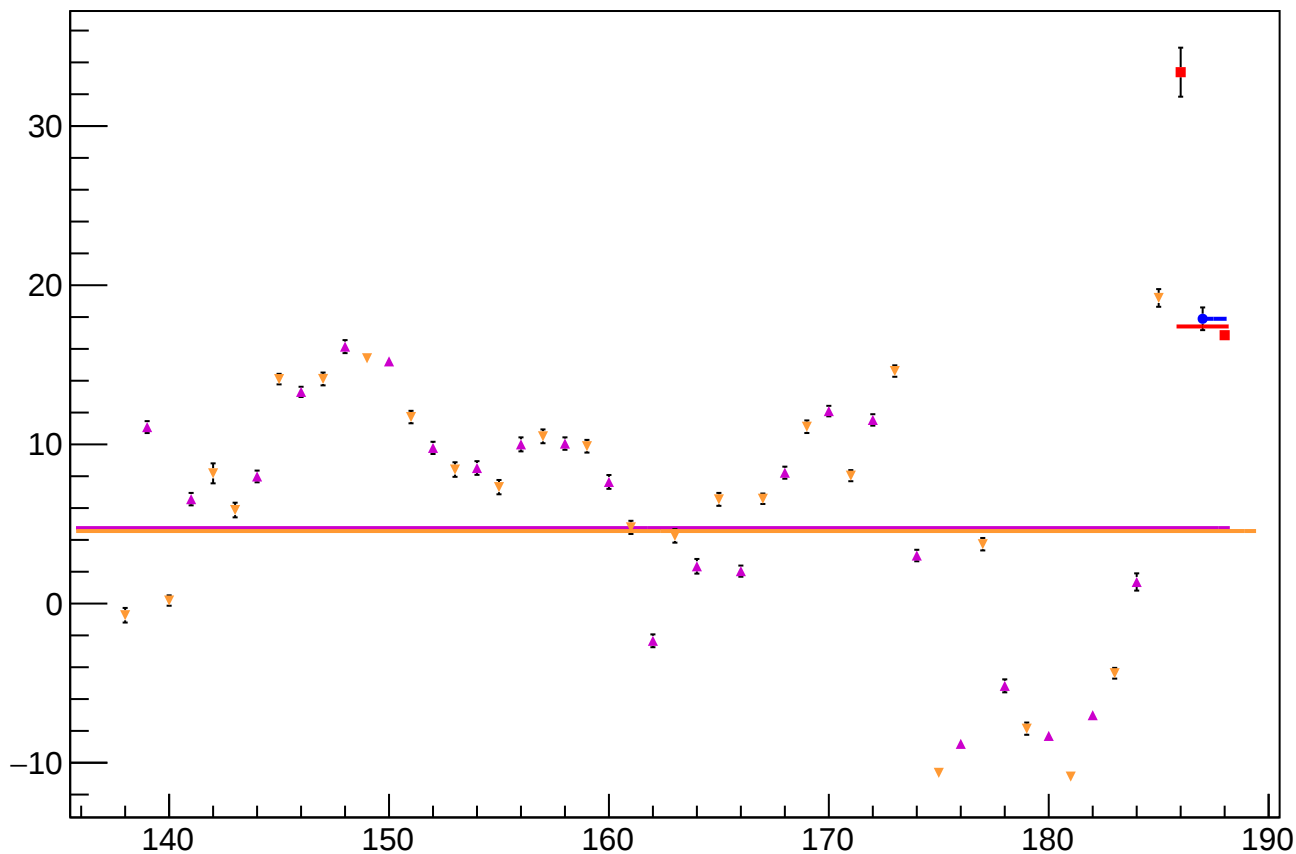
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 9.855 ± 1.405 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 3.372 ± 0.059 $\chi^2/\text{NDF}: 8053.7/24$
 Right Out: 3.681 ± 0.569 $\chi^2/\text{NDF}: 37.2/1$
 Left In: 3.071 ± 0.060 $\chi^2/\text{NDF}: 7269.0/22$

+ sign 3.383 ± 0.058 $\chi^2/\text{NDF}: 8074.9/25$
 All: 3.235 ± 0.042 $\chi^2/\text{NDF}: 15395.5/50$
 - sign 3.078 ± 0.060 $\chi^2/\text{NDF}: 7307.4/24$

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 17.892 $\pm$ 0.713 χ^2 /NDF: 0.0/0

Left Out: 4.557 $\pm$ 0.076 χ^2 /NDF:13588.4/24

Right Out: 17.409 $\pm$ 0.281 χ^2 /NDF: 111.3/1

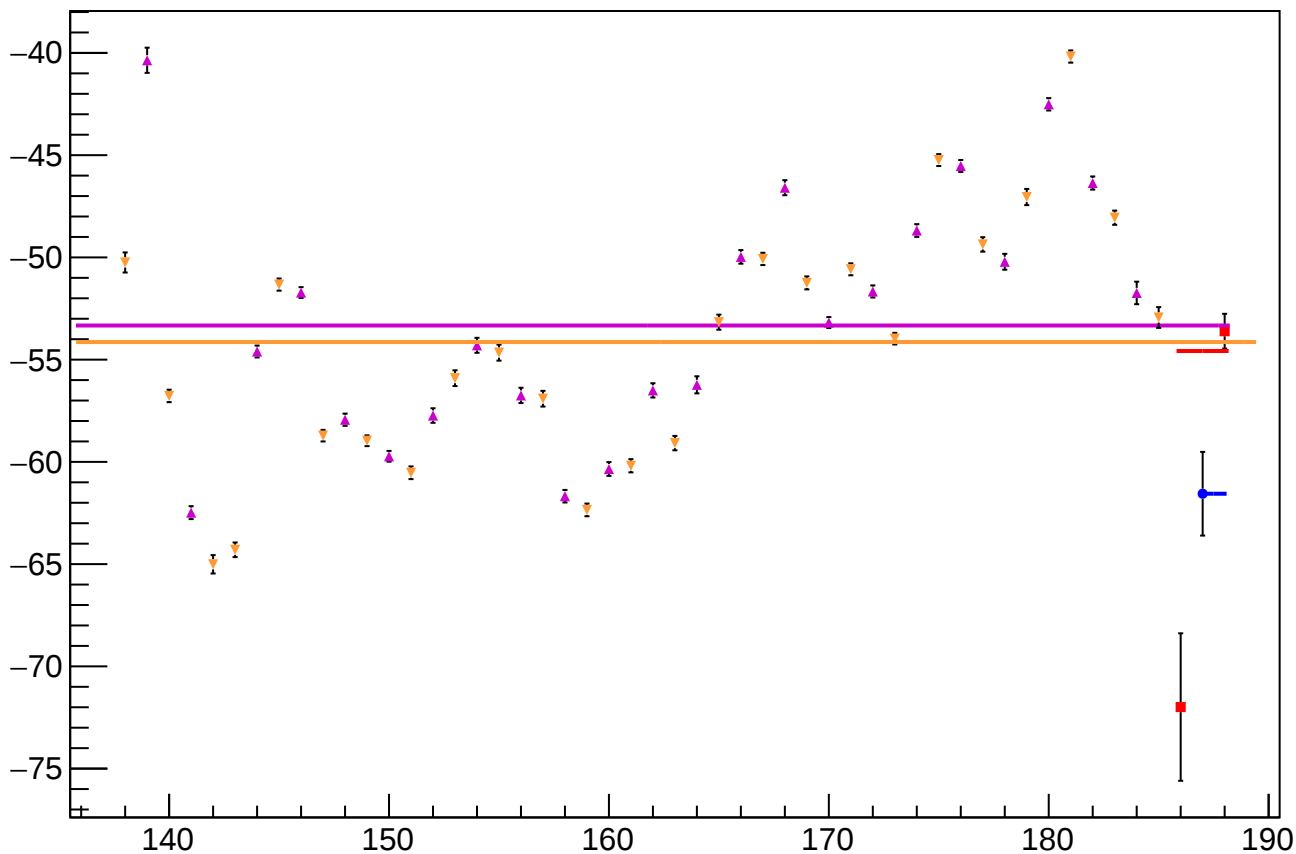
Left In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22

+ sign 4.705 $\pm$ 0.075 χ^2 /NDF: 13933.9/25

All: 5.169 $\pm$ 0.053 χ^2 /NDF: 27435.1/50

- sign 5.615 $\pm$ 0.074 χ^2 /NDF: 13426.3/24

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -61.557 ± 2.047 χ^2/NDF : 0.0/0

Left Out: -54.139 ± 0.067 χ^2/NDF : 8301.1/24

Right Out: -54.577 ± 0.828 χ^2/NDF : 24.6/1

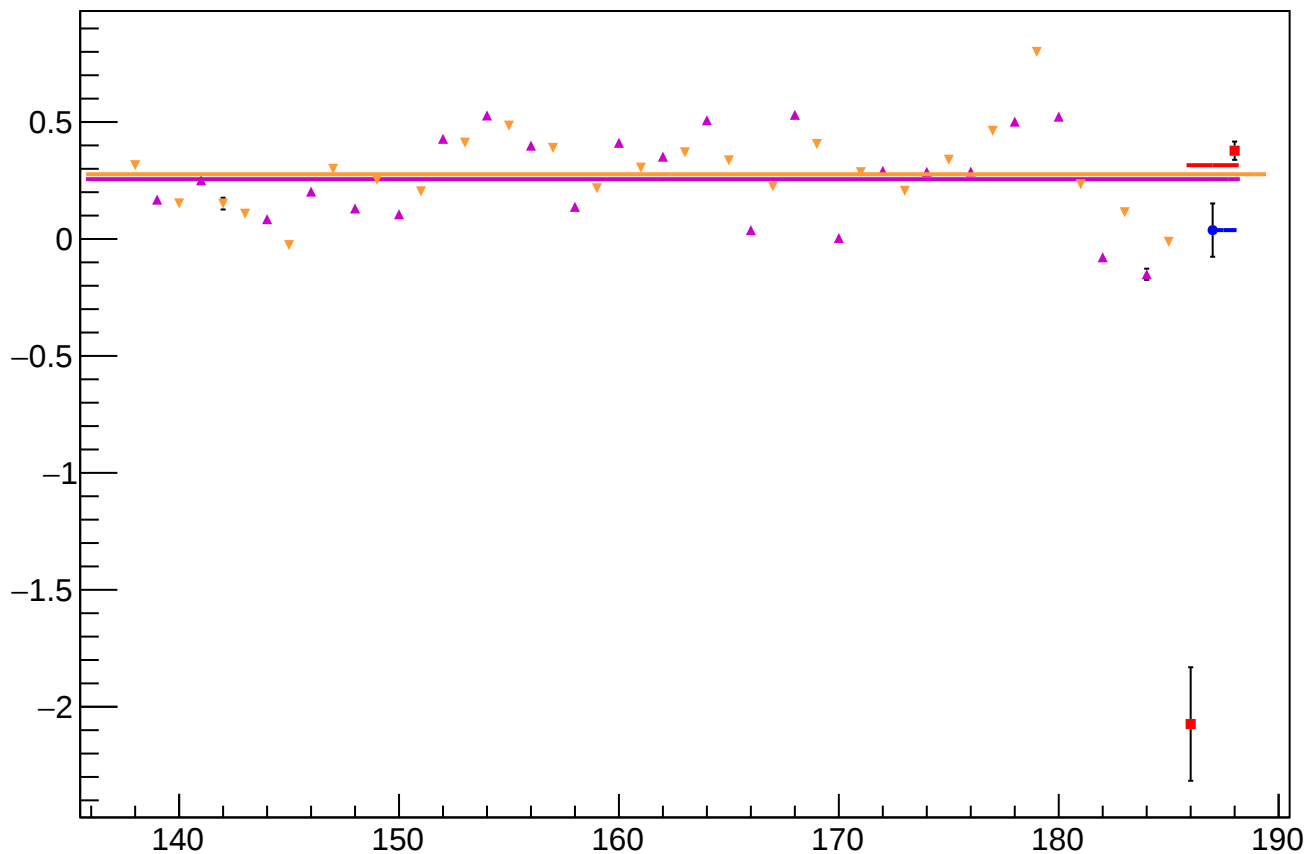
Left In: -53.330 ± 0.068 χ^2/NDF : 6940.2/22

+ sign -54.147 ± 0.067 χ^2/NDF : 8314.3/25

All: -53.752 ± 0.048 χ^2/NDF : 15353.4/50

- sign -53.339 ± 0.068 χ^2/NDF : 6967.0/24

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: 0.315 $\pm$ 0.039 χ^2 /NDF: 99.4/1

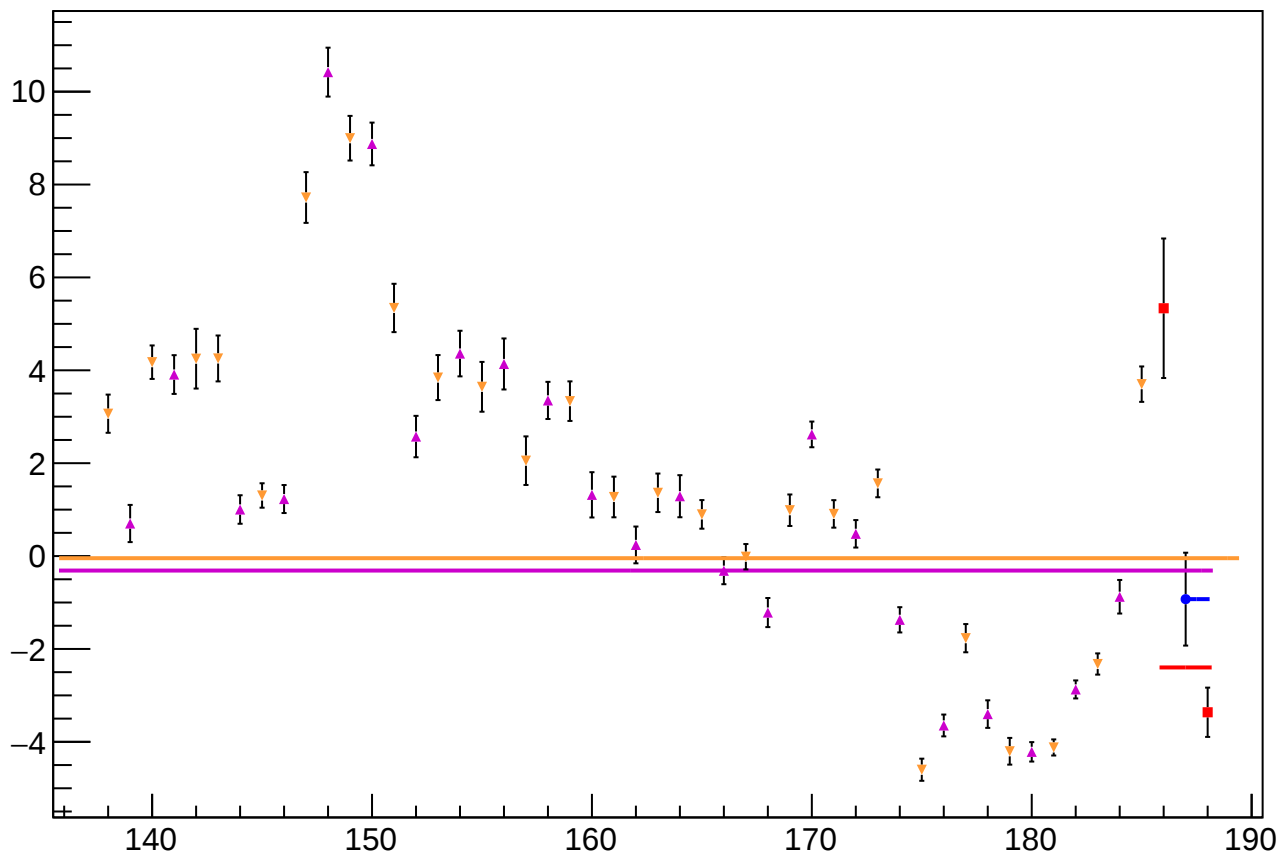
Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

+ sign 0.277 $\pm$ 0.003 χ^2 /NDF: 2610.4/25

All: 0.266 $\pm$ 0.002 χ^2 /NDF: 6378.6/50

- sign 0.256 $\pm$ 0.003 χ^2 /NDF: 3745.8/24

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: -2.398 ± 0.500 χ^2/NDF : 29.8/1

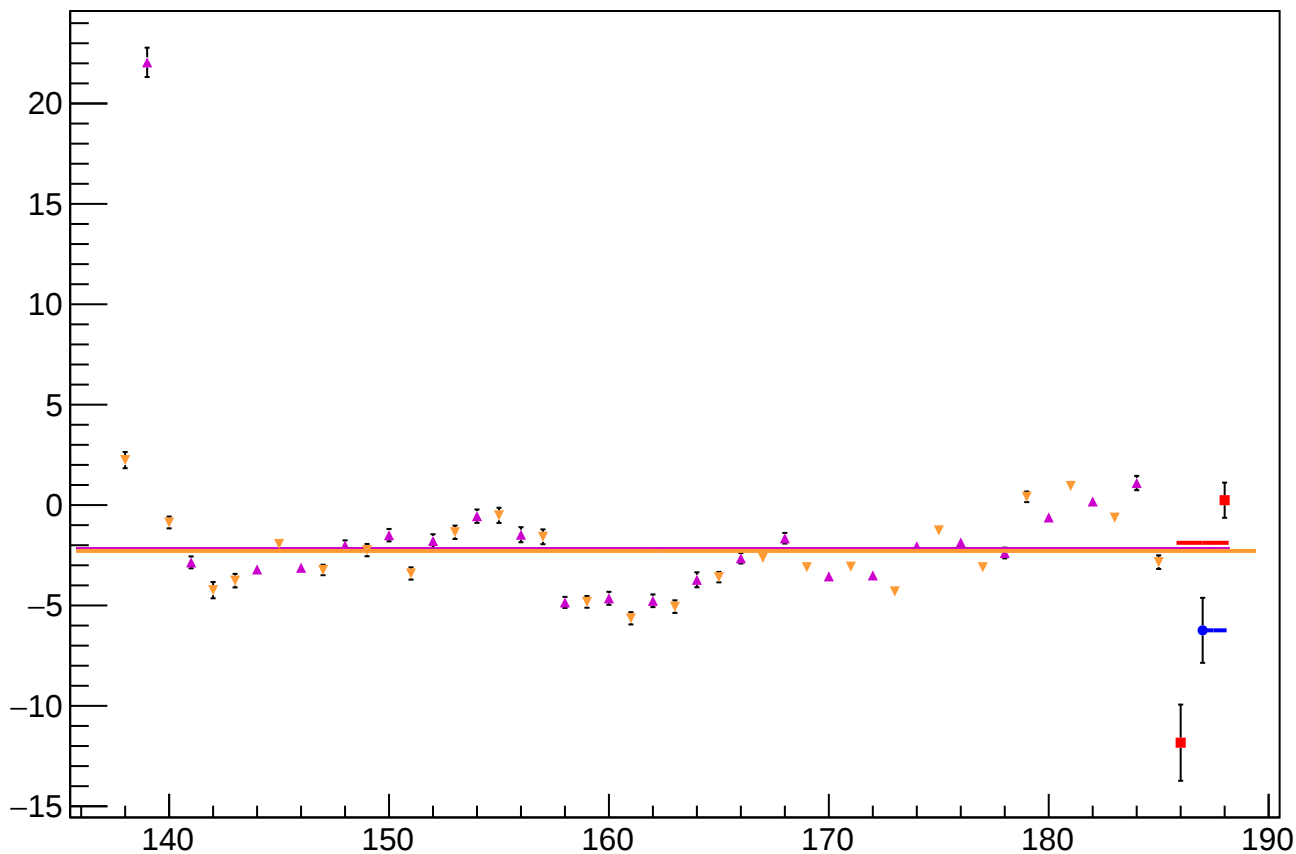
Left In: -0.312 ± 0.067 χ^2/NDF : 2252.6/22

+ sign -0.050 ± 0.066 χ^2/NDF : 2629.7/25

All: -0.198 ± 0.047 χ^2/NDF : 4939.4/50

- sign -0.349 ± 0.066 χ^2/NDF : 2299.5/24

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: -1.879 ± 0.796 χ^2/NDF : 33.4/1

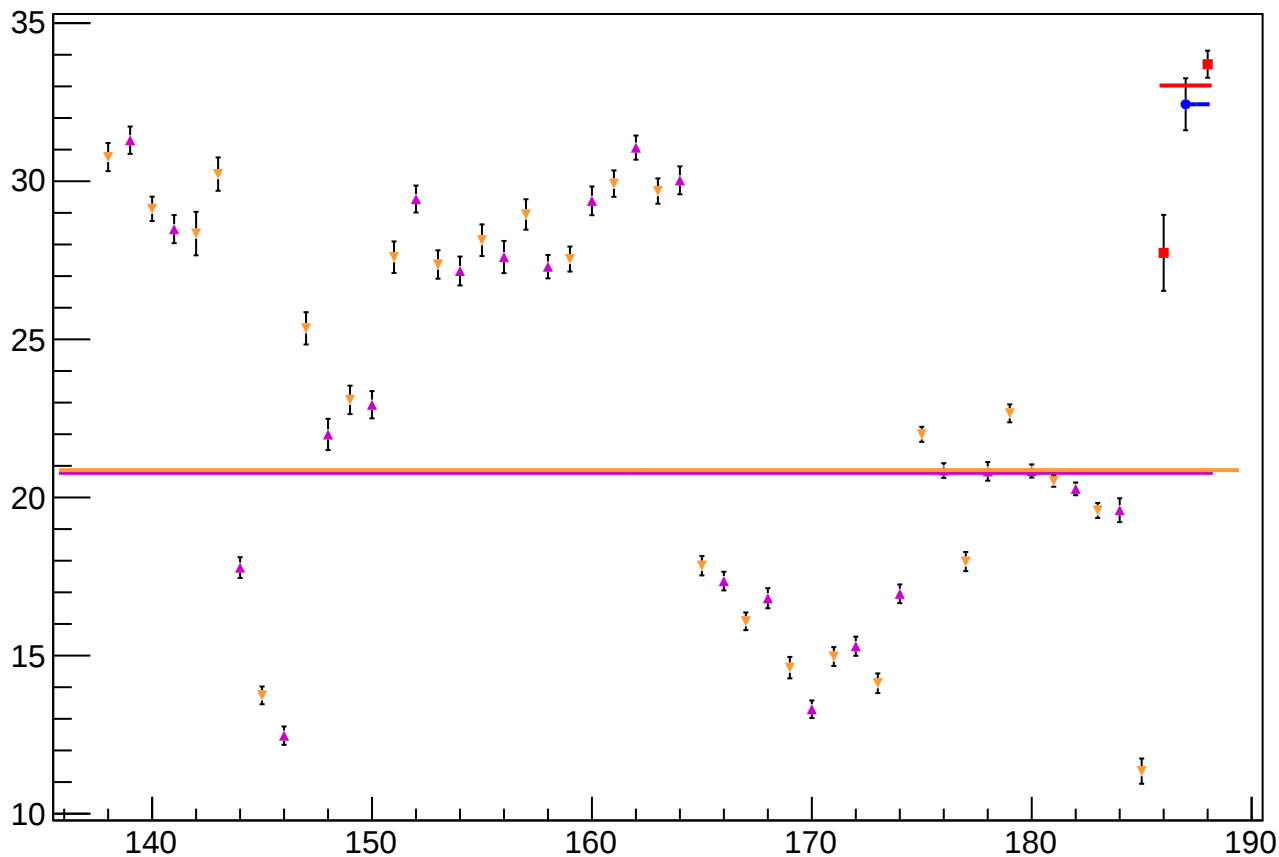
Left In: -2.190 ± 0.055 χ^2/NDF : 1785.1/22

+ sign -2.287 ± 0.054 χ^2/NDF : 1138.1/25

All: -2.238 ± 0.039 χ^2/NDF : 2958.3/50

- sign -2.188 ± 0.055 χ^2/NDF : 1818.6/24

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: 33.028 $\pm$ 0.404 χ^2 /NDF: 21.9/1

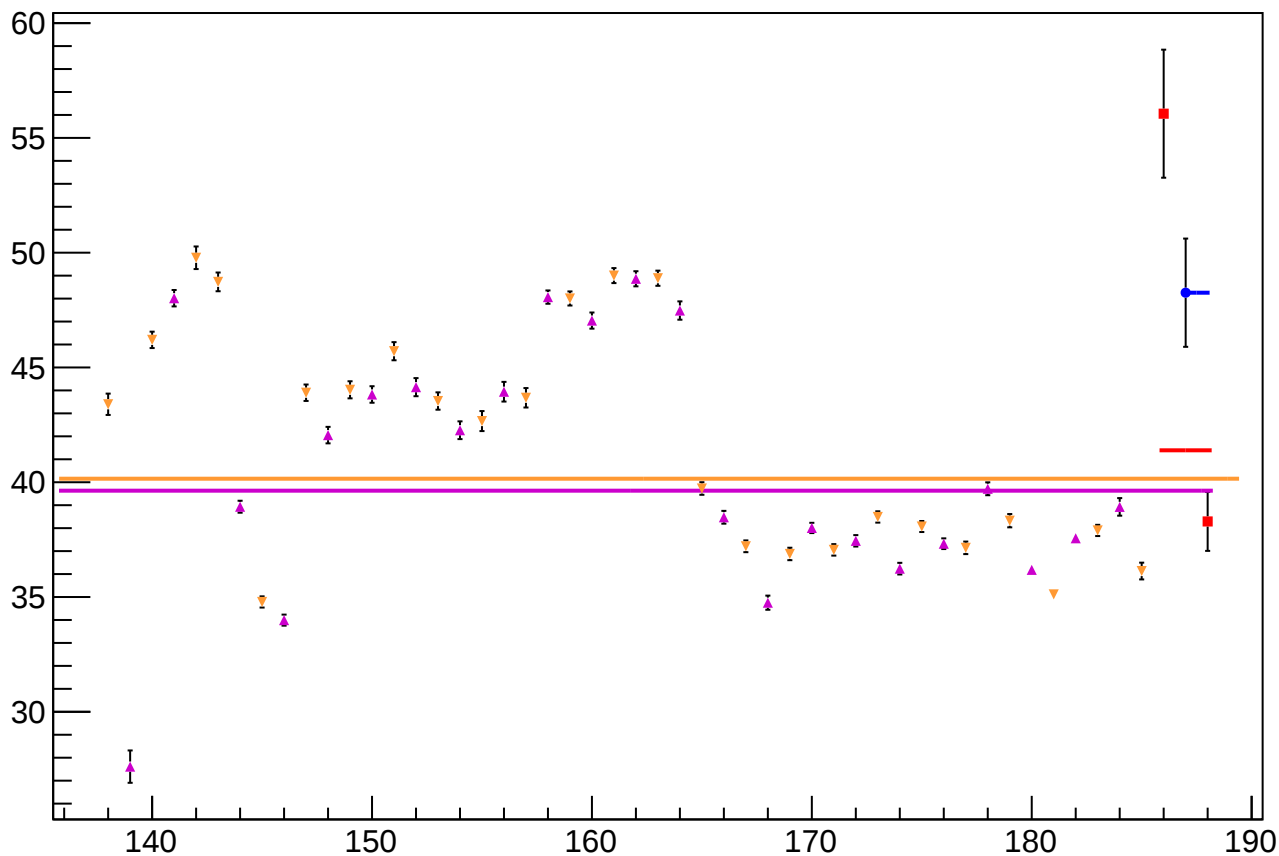
Left In: 20.780 $\pm$ 0.067 χ^2 /NDF:5988.0/22

+ sign 20.941 $\pm$ 0.067 χ^2 /NDF: 6805.1/25

All: 21.026 $\pm$ 0.047 χ^2 /NDF: 13714.8/50

- sign 21.111 $\pm$ 0.066 χ^2 /NDF: 6906.4/24

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: 41.391 $\pm$ 1.165 χ^2 /NDF: 33.5/1

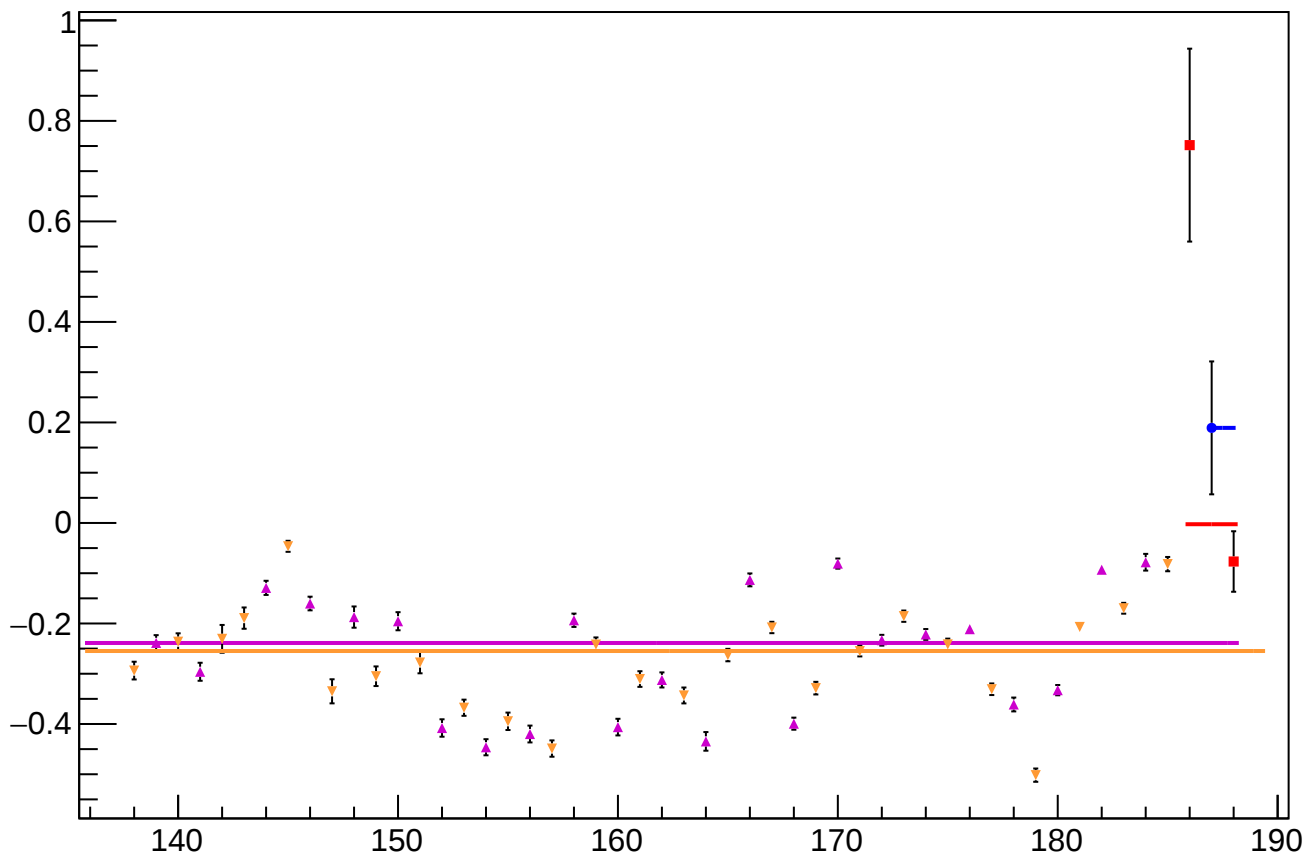
Left In: 39.632 $\pm$ 0.061 χ^2 /NDF: 5343.3/22

+ sign 40.159 $\pm$ 0.060 χ^2 /NDF: 5873.4/25

All: 39.901 $\pm$ 0.043 χ^2 /NDF: 11289.3/50

- sign 39.637 $\pm$ 0.061 χ^2 /NDF: 5379.1/24

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.189 ± 0.132 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -0.255 ± 0.003 $\chi^2/\text{NDF}: 1417.7/24$

Right Out: -0.003 ± 0.057 $\chi^2/\text{NDF}: 17.0/1$

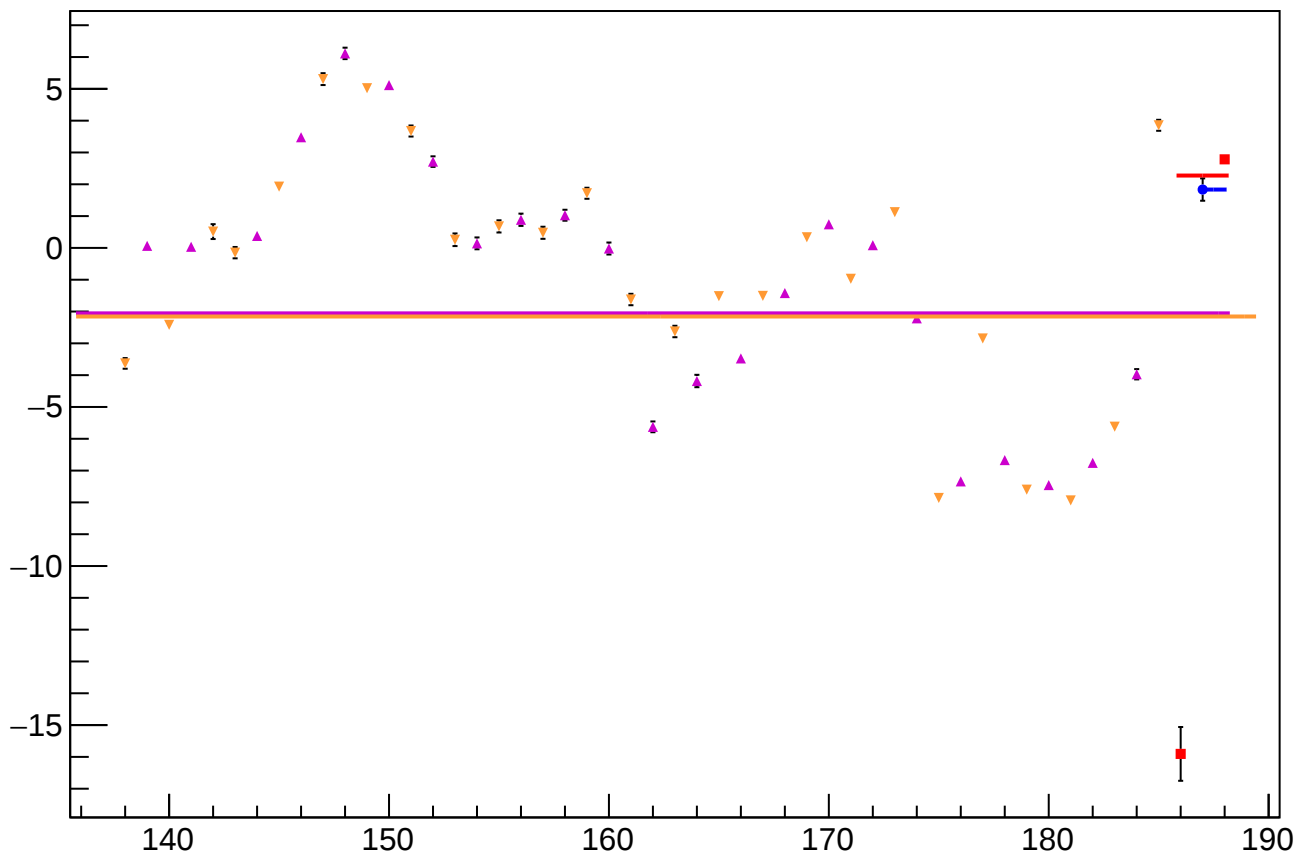
Left In: -0.239 ± 0.003 $\chi^2/\text{NDF}: 1750.0/22$

+ sign -0.255 ± 0.003 $\chi^2/\text{NDF}: 1428.9/25$

All: -0.246 ± 0.002 $\chi^2/\text{NDF}: 3230.4/50$

- sign -0.238 ± 0.003 $\chi^2/\text{NDF}: 1783.9/24$

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 1.834 $\pm$ 0.352 χ^2 /NDF: 0.0/0

Left Out: -2.156 $\pm$ 0.026 χ^2 /NDF: 24501.3/24

Right Out: 2.275 $\pm$ 0.140 χ^2 /NDF: 475.5/1

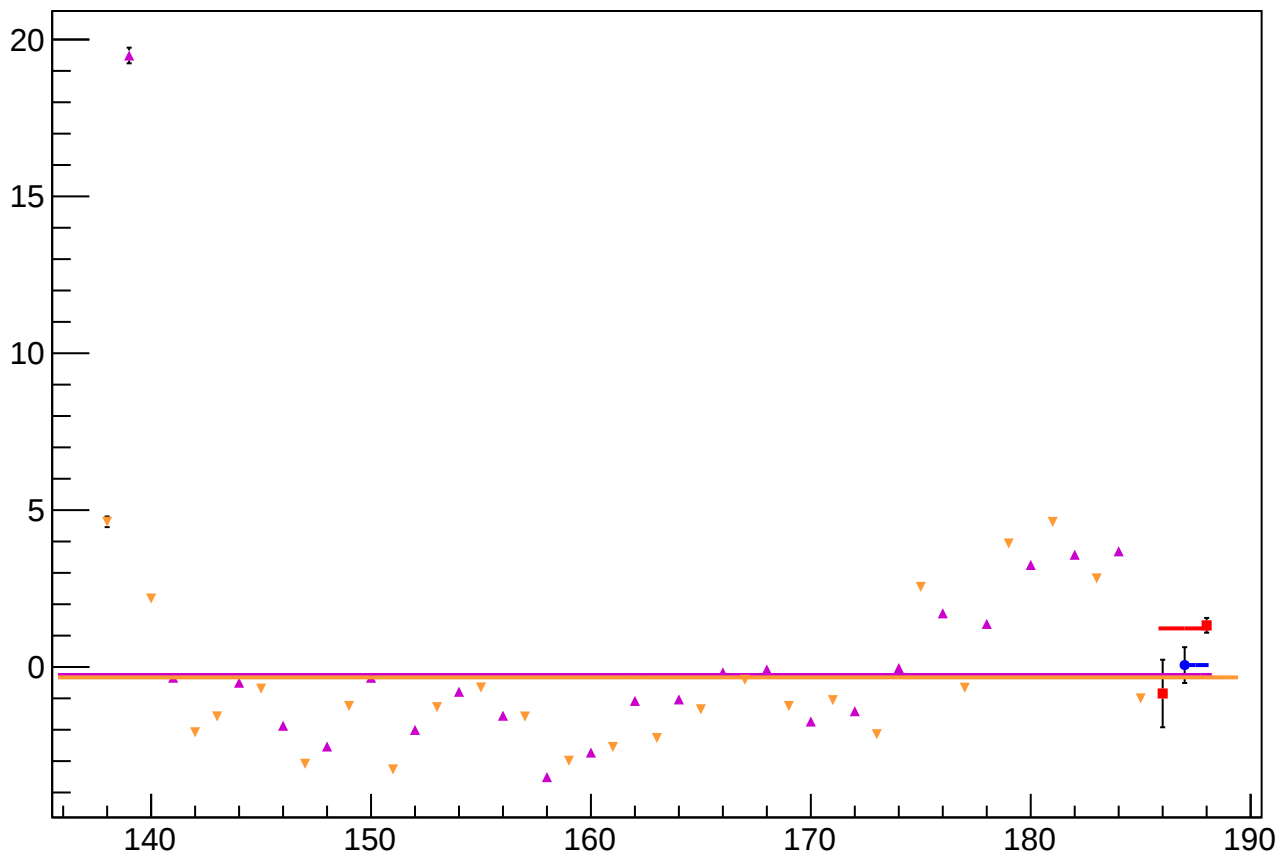
Left In: -2.058 $\pm$ 0.026 χ^2 /NDF: 23343.8/22

+ sign -2.135 $\pm$ 0.026 χ^2 /NDF: 24629.4/25

All: -2.024 $\pm$ 0.018 χ^2 /NDF: 49417.3/50

- sign -1.913 $\pm$ 0.025 χ^2 /NDF: 24750.3/24

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: 1.229 ± 0.230 χ^2/NDF : 3.9/1

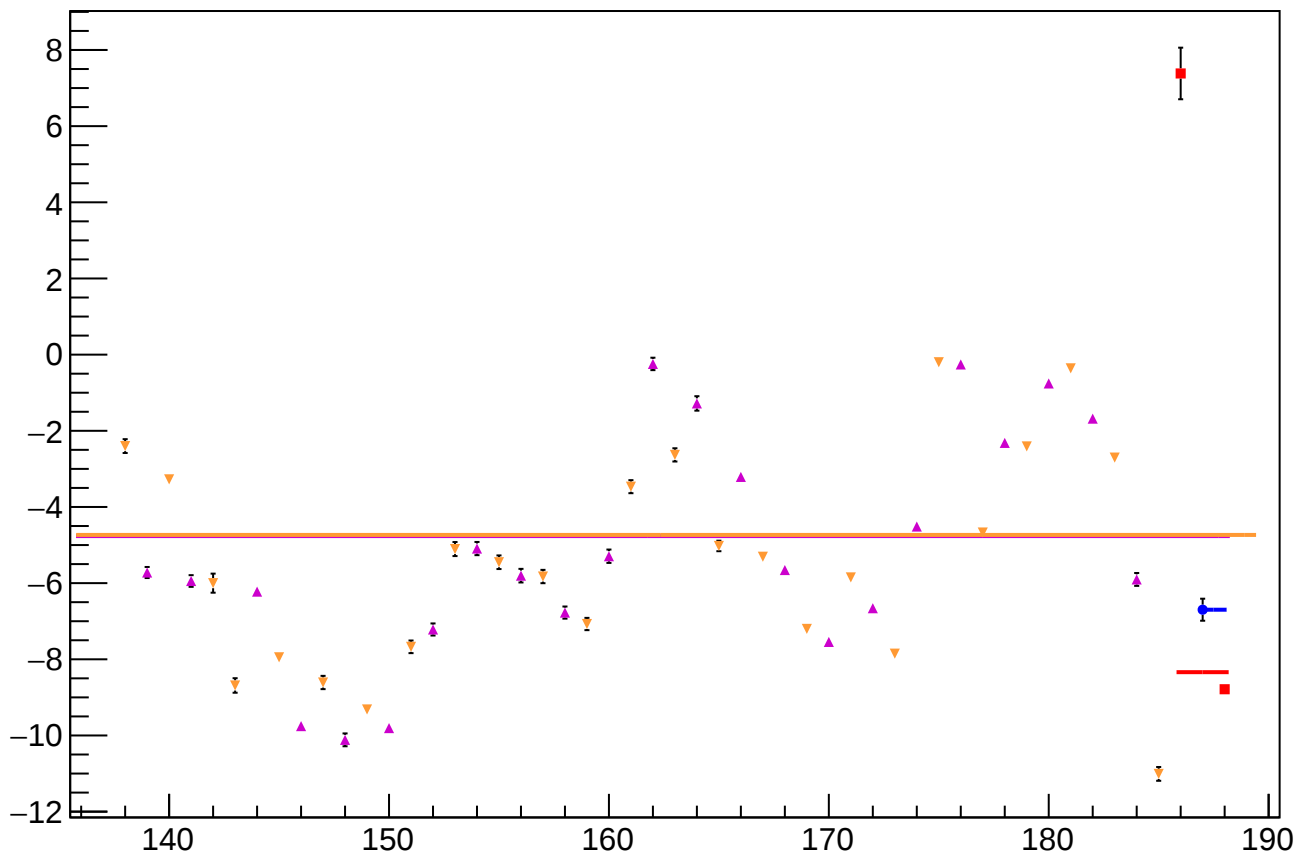
Left In: -0.255 ± 0.021 χ^2/NDF : 14162.0/22

+ sign -0.330 ± 0.021 χ^2/NDF : 12552.8/25

All: -0.287 ± 0.015 χ^2/NDF : 26769.1/50

- sign -0.243 ± 0.021 χ^2/NDF : 14207.3/24

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: -8.338 ± 0.113 χ^2/NDF : 554.2/1

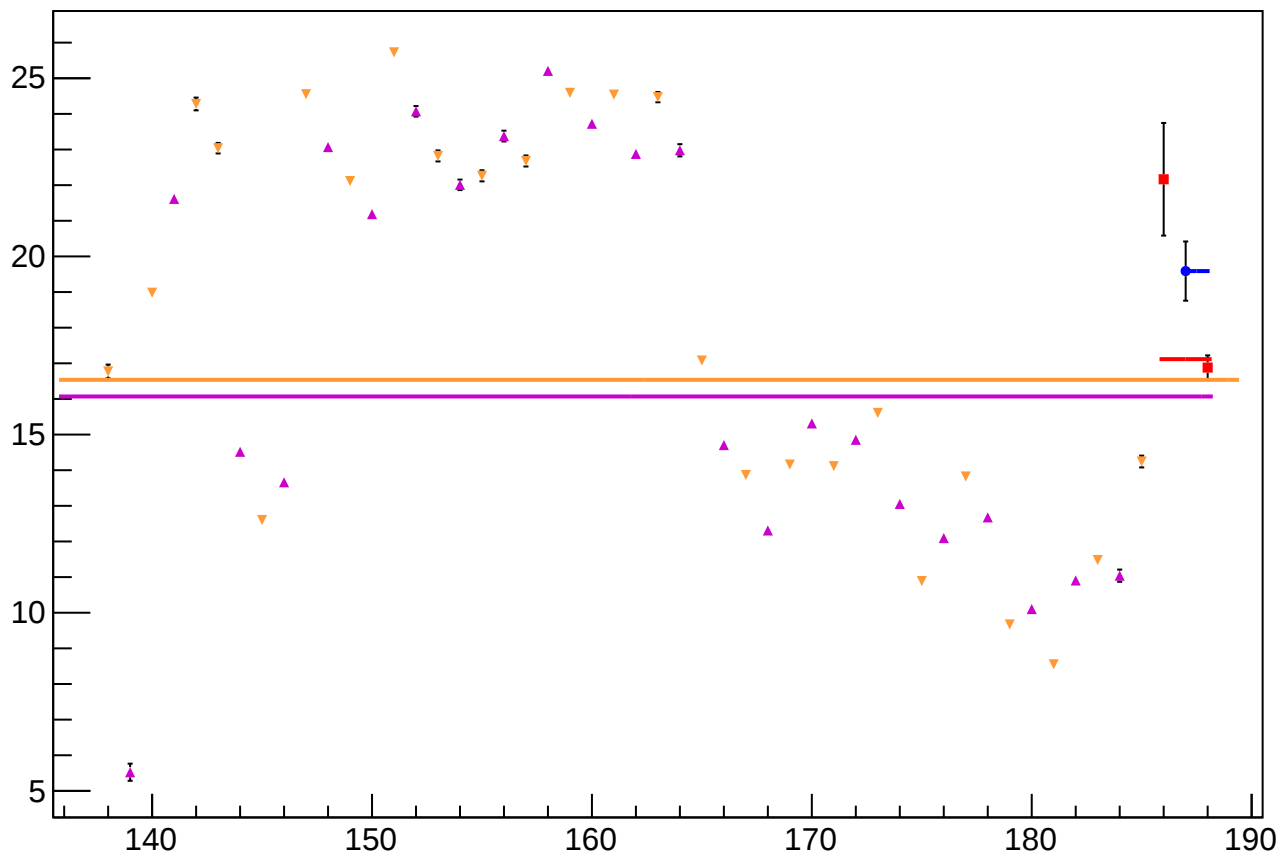
Left In: -4.764 ± 0.026 χ^2/NDF : 14163.2/22

+ sign -4.750 ± 0.026 χ^2/NDF : 13234.4/25

All: -4.849 ± 0.018 χ^2/NDF : 28934.4/50

- sign -4.945 ± 0.025 χ^2/NDF : 15670.8/24

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: 17.117 $\pm$ 0.334 χ^2 /NDF: 10.7/1

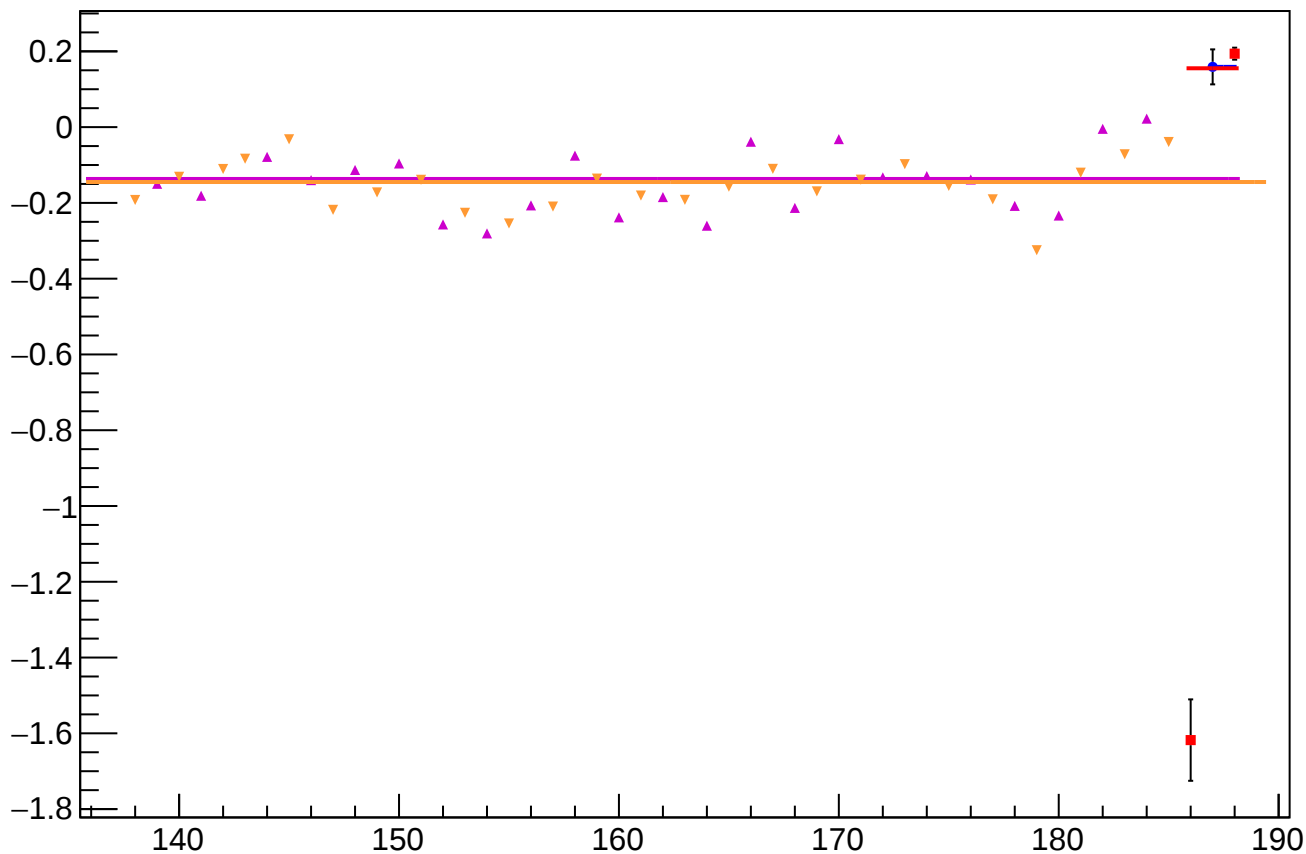
Left In: 16.069 $\pm$ 0.023 χ^2 /NDF:42736.3/22

+ sign 16.539 $\pm$ 0.023 χ^2 /NDF: 53560.4/25

All: 16.309 $\pm$ 0.016 χ^2 /NDF: 96515.7/50

- sign 16.074 $\pm$ 0.023 χ^2 /NDF: 42756.8/24

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: 0.155 $\pm$ 0.016 χ^2 /NDF: 278.3/1

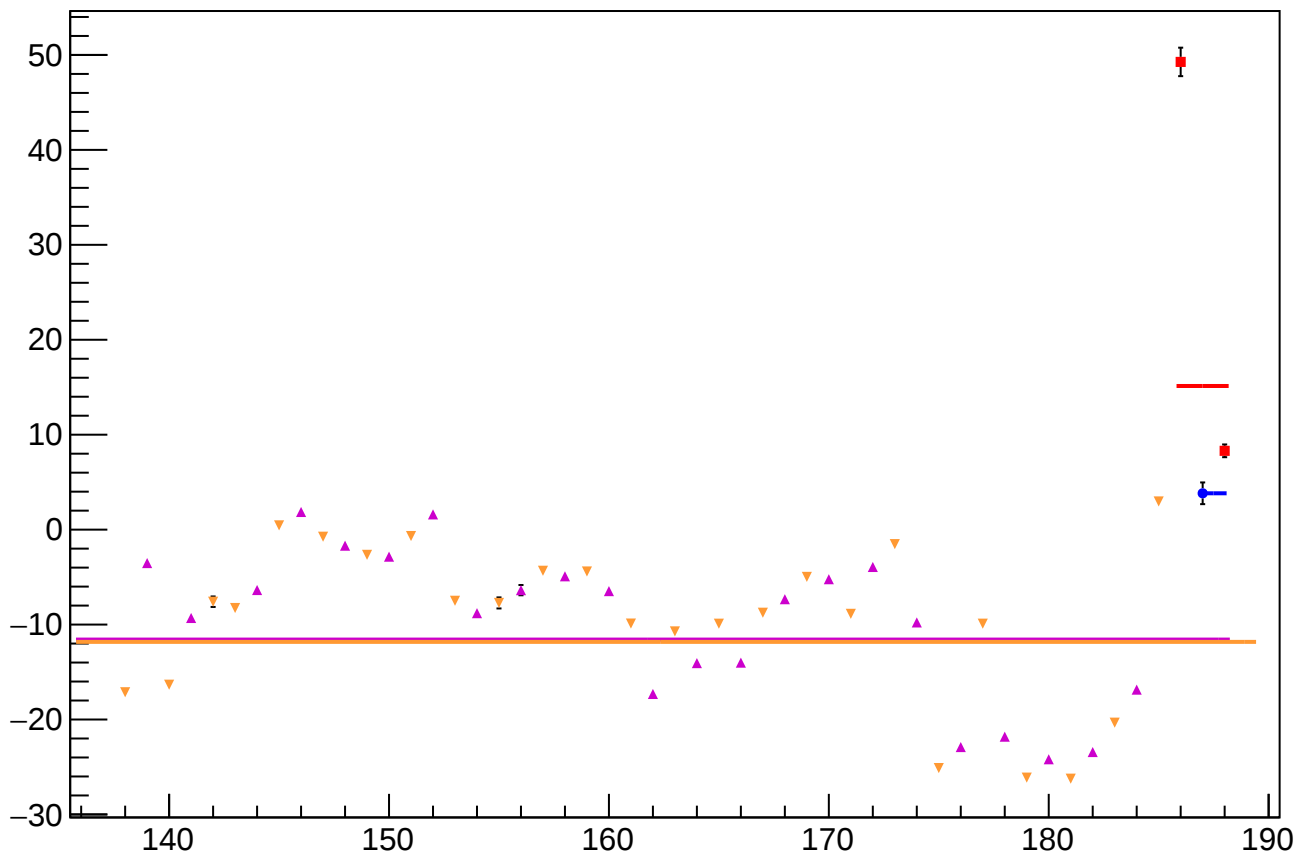
Left In: -0.137 $\pm$ 0.001 χ^2 /NDF:5383.4/22

+ sign -0.145 $\pm$ 0.001 χ^2 /NDF: 3798.4/25

All: -0.140 $\pm$ 0.001 χ^2 /NDF: 9843.6/50

- sign -0.135 $\pm$ 0.001 χ^2 /NDF: 6007.4/24

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: 15.131 ± 0.612 χ^2/NDF : 621.7/1

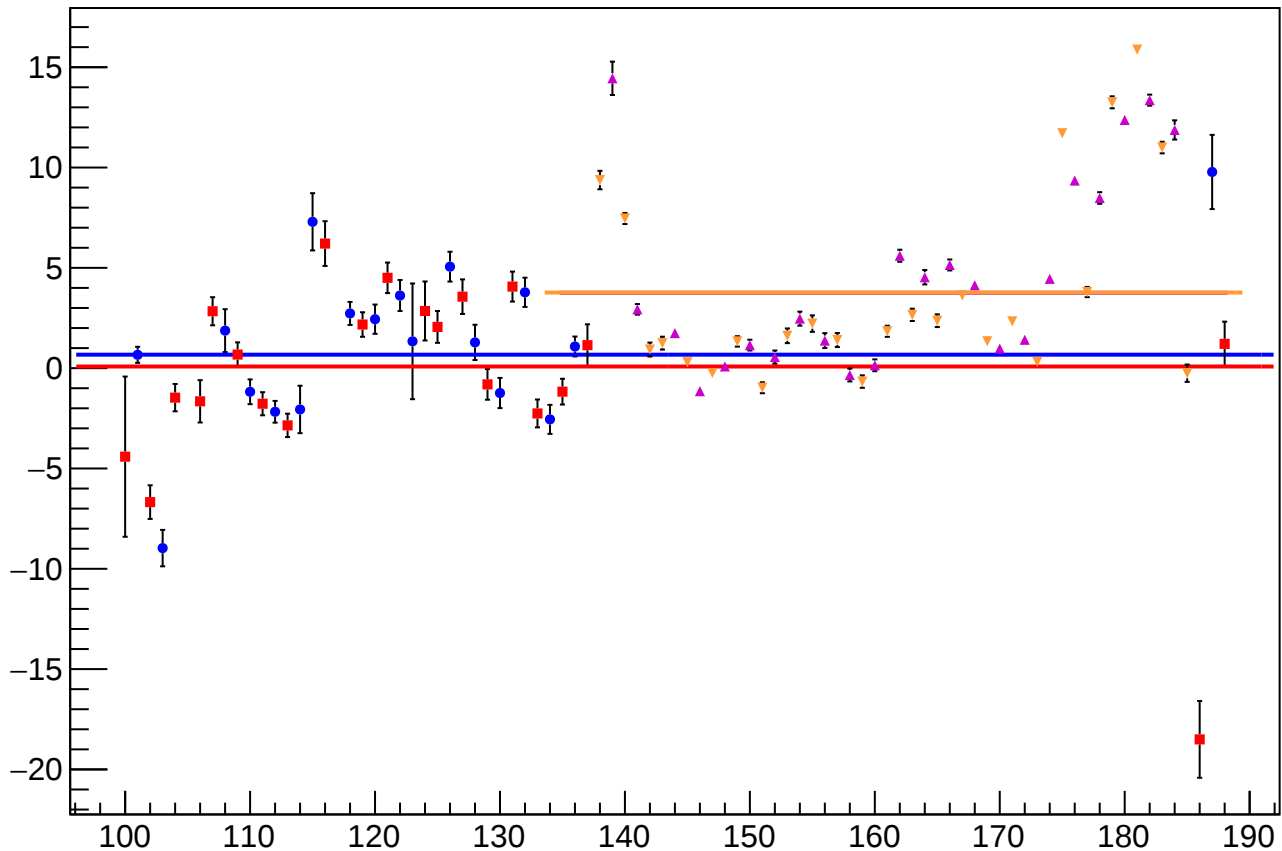
Left In: -11.580 ± 0.071 χ^2/NDF : 14243.6/22

+ sign -11.763 ± 0.070 χ^2/NDF : 17464.1/25

All: -11.495 ± 0.050 χ^2/NDF : 34235.8/50

- sign -11.224 ± 0.071 χ^2/NDF : 16742.5/24

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: 0.083 ± 0.172 χ^2/NDF : 369.4/20

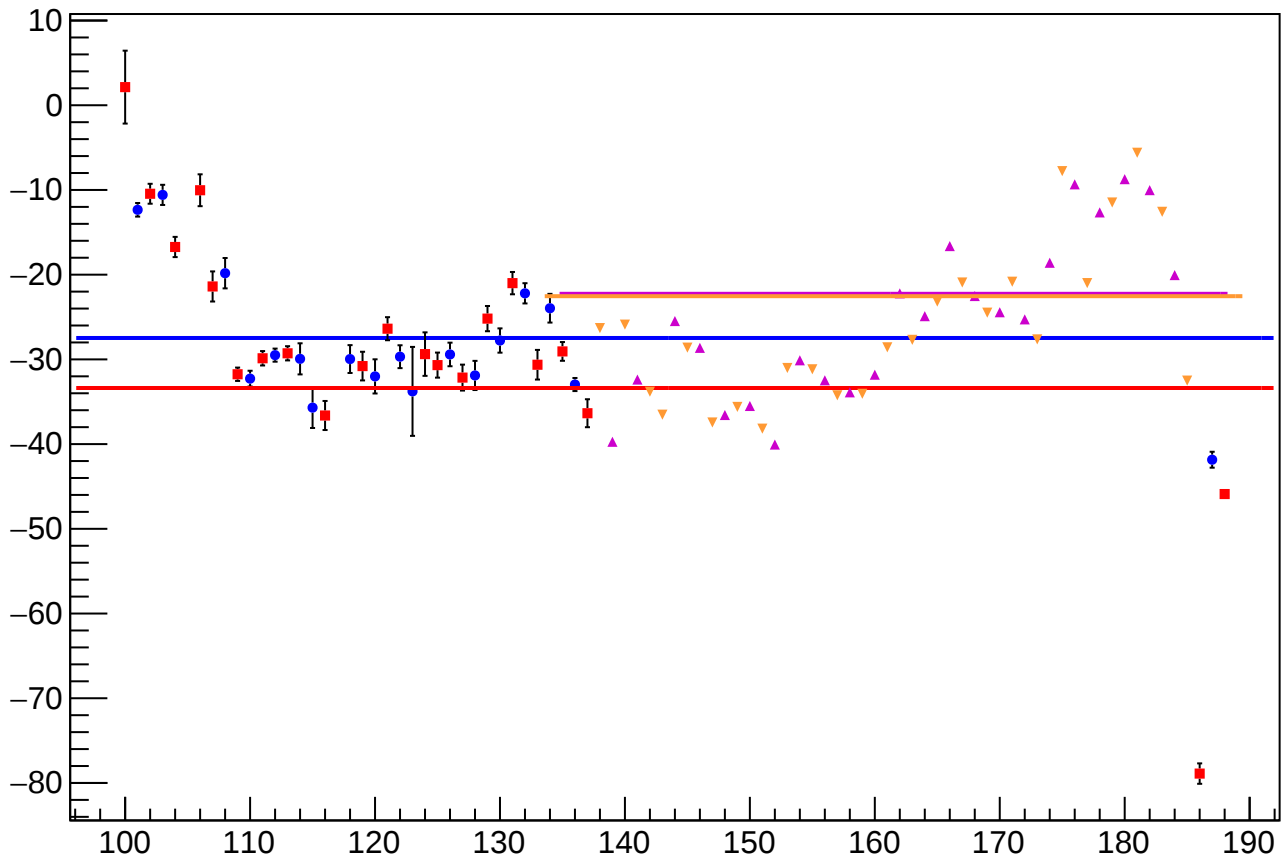
Left In: 3.755 ± 0.056 χ^2/NDF : 5655.2/22

+ sign 3.465 ± 0.053 χ^2/NDF : 8041.6/42

All: 3.432 ± 0.038 χ^2/NDF : 14479.3/86

- sign 3.398 ± 0.054 χ^2/NDF : 6436.9/43

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: -33.377 ± 0.255 χ^2/NDF : 3026.2/20

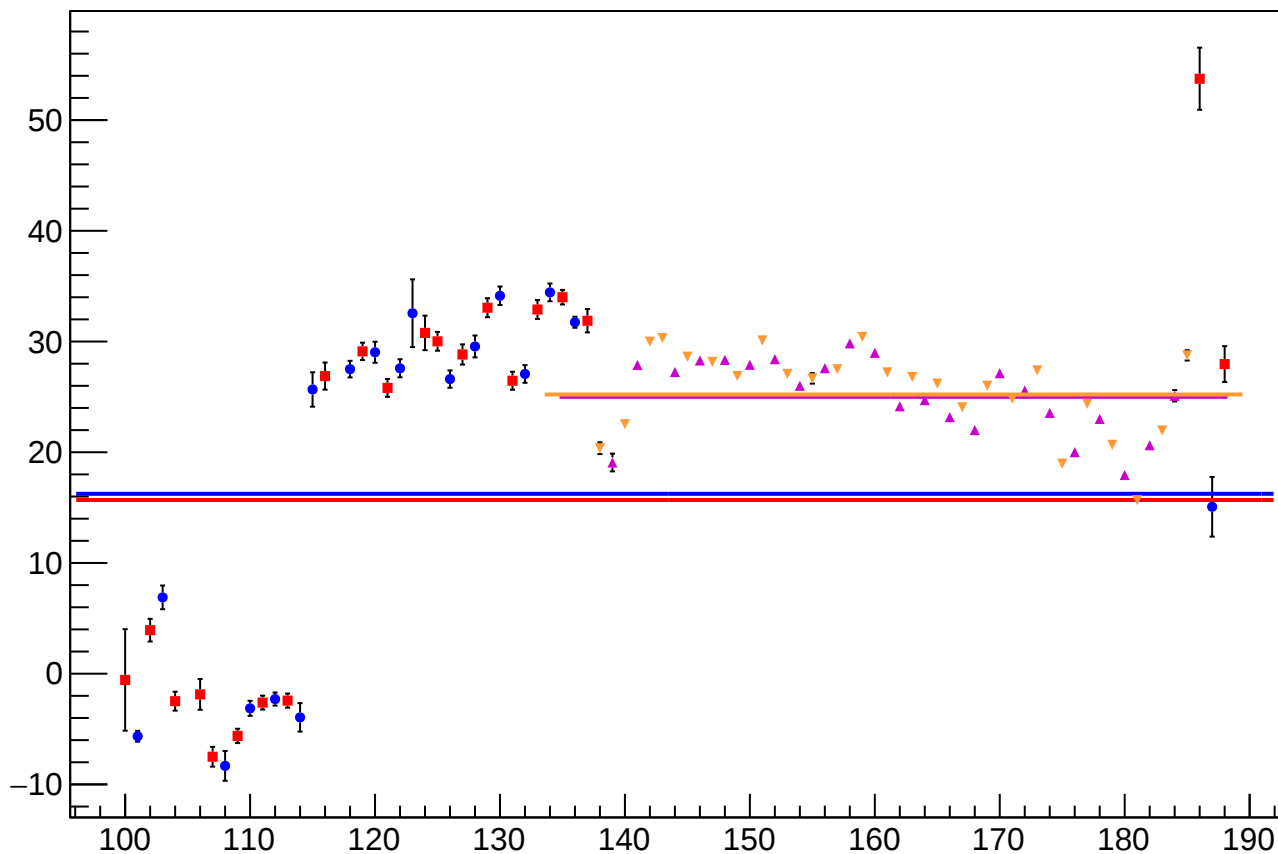
Left In: -22.258 ± 0.071 χ^2/NDF : 17838.4/22

+ sign -22.826 ± 0.069 χ^2/NDF : 20983.7/42

All: -22.945 ± 0.049 χ^2/NDF : 43619.2/86

- sign -23.065 ± 0.069 χ^2/NDF : 22629.4/43

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.247+/-0.191 χ^2/NDF : 7611.5/17

Left Out: 25.216+/-0.063 χ^2/NDF : 3738.3/24

Right Out: 15.688+/-0.195 χ^2/NDF : 7525.1/20

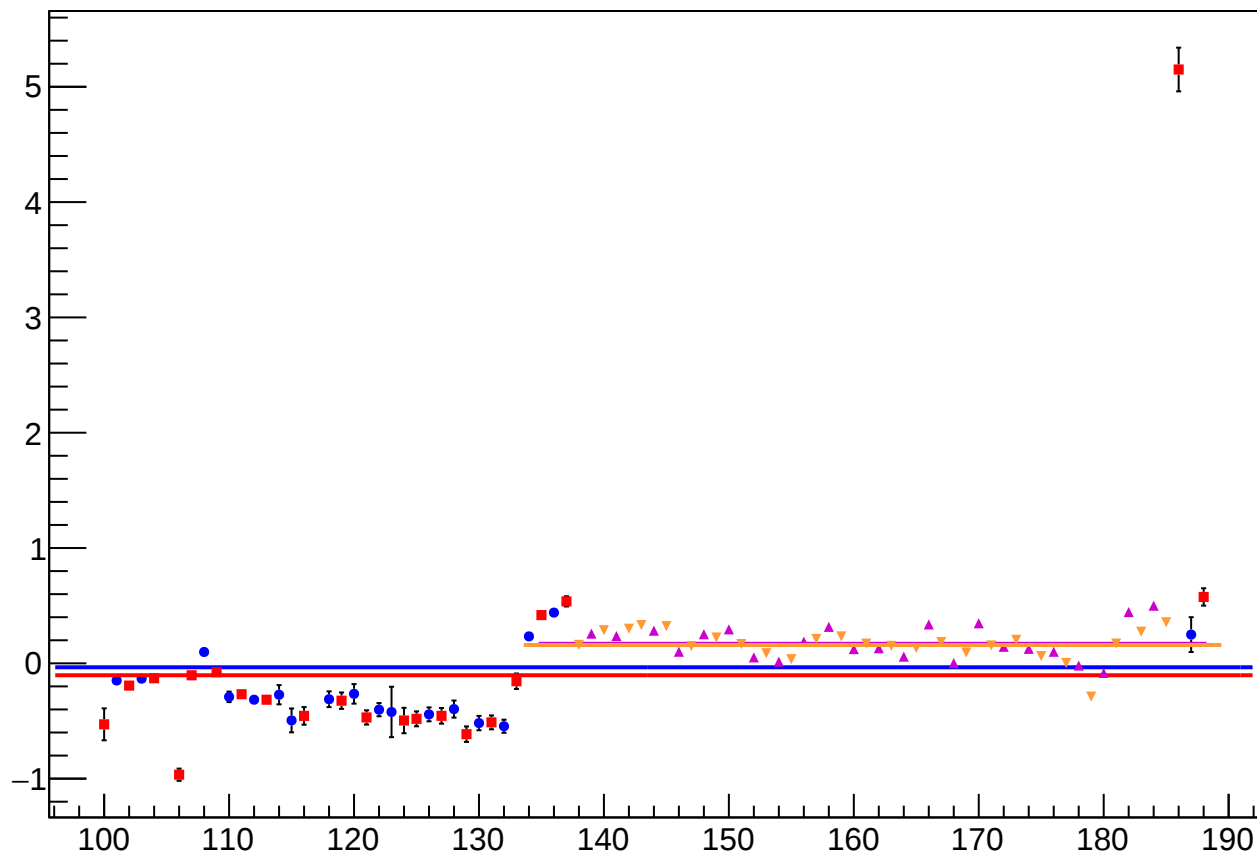
Left In: 25.005+/-0.064 χ^2/NDF : 2733.7/22

+ sign 24.339+/-0.060 χ^2/NDF : 13348.5/42

All: 24.226+/-0.042 χ^2/NDF : 25676.6/86

- sign 24.109+/-0.060 χ^2/NDF : 12320.8/43

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: -0.103 ± 0.010 χ^2/NDF : 2029.3/20

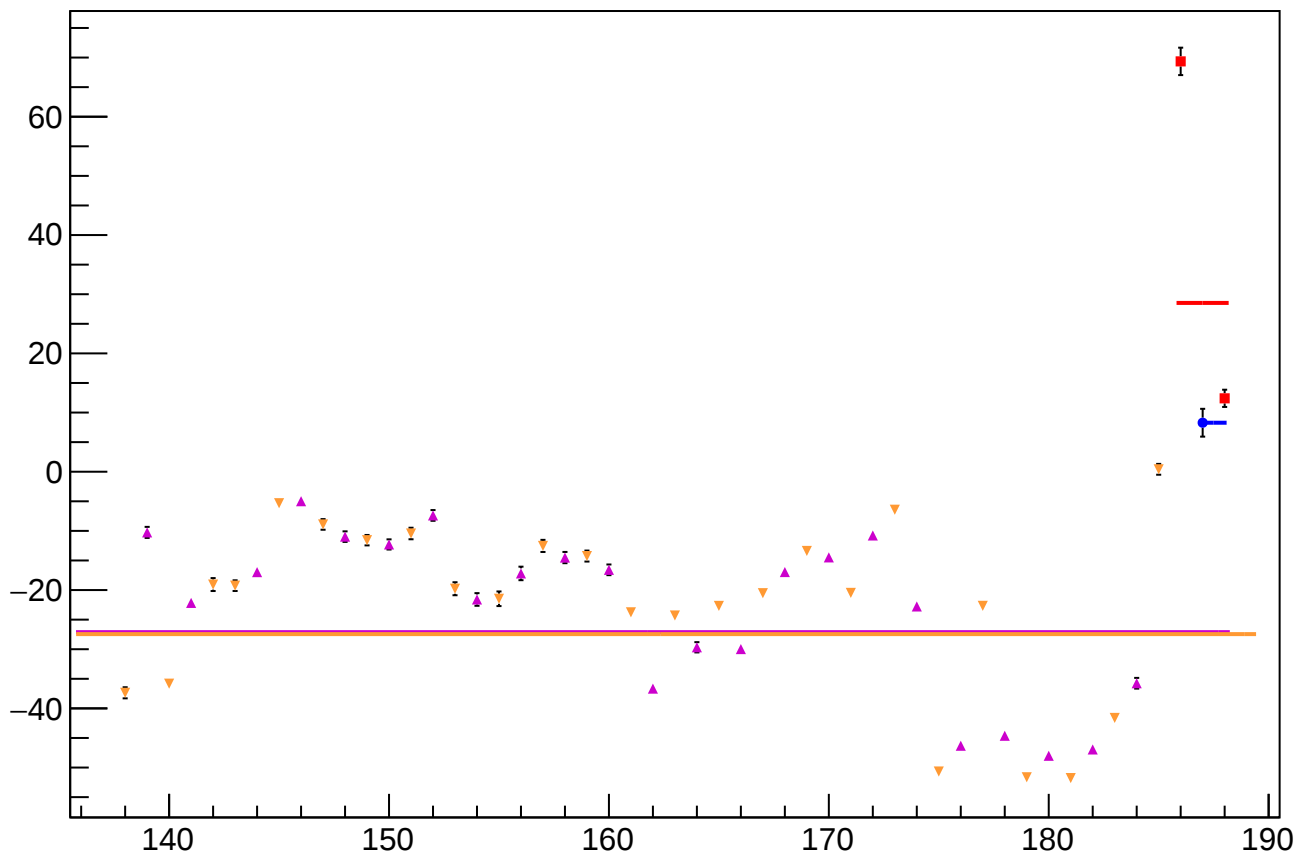
Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

+ sign 0.145 ± 0.003 χ^2/NDF : 3202.4/42

All: 0.147 ± 0.002 χ^2/NDF : 8318.3/86

- sign 0.149 ± 0.003 χ^2/NDF : 5114.9/43

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: 28.529 ± 1.233 $\chi^2/\text{NDF}: 432.9/1$

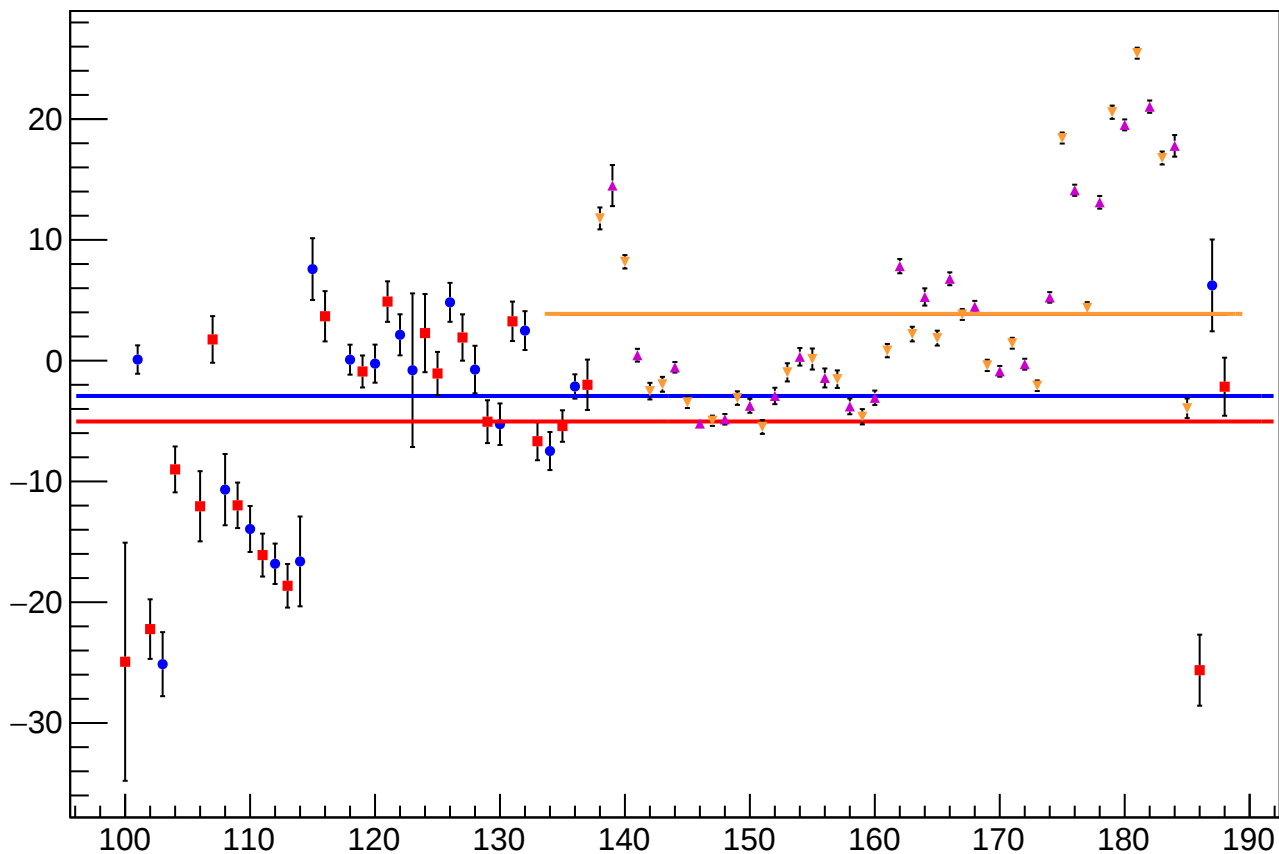
Left In: -27.114 ± 0.139 $\chi^2/\text{NDF}: 11443.8/22$

+ sign -27.326 ± 0.137 $\chi^2/\text{NDF}: 15050.9/25$

All: -26.876 ± 0.097 $\chi^2/\text{NDF}: 28959.9/50$

- sign -26.419 ± 0.138 $\chi^2/\text{NDF}: 13887.3/24$

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: -5.037 ± 0.416 $\chi^2/\text{NDF}: 349.4/20$

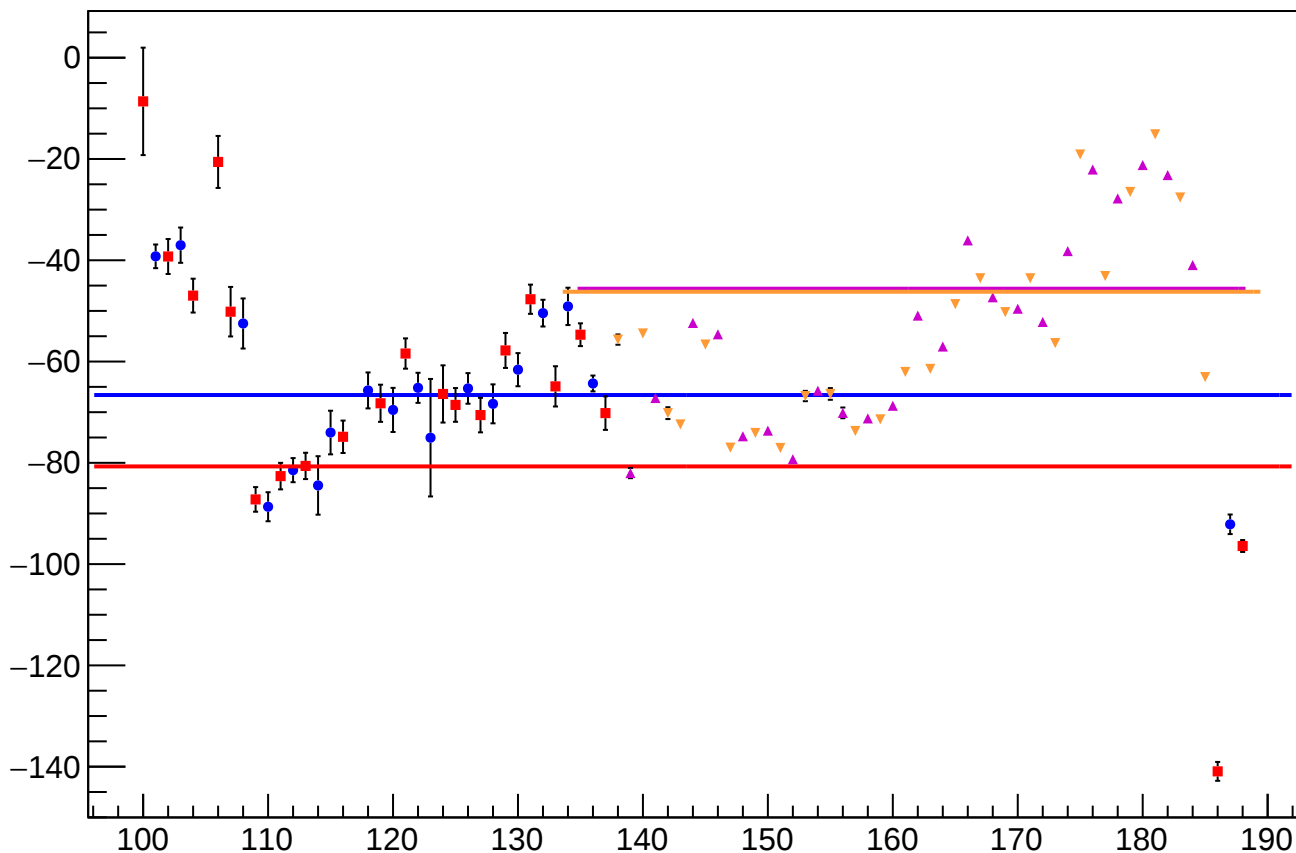
Left In: 3.861 ± 0.111 $\chi^2/\text{NDF}: 5438.4/22$

+ sign 3.410 ± 0.106 $\chi^2/\text{NDF}: 7455.0/42$

All: 3.342 ± 0.075 $\chi^2/\text{NDF}: 13671.1/86$

- sign 3.271 ± 0.107 $\chi^2/\text{NDF}: 6215.3/43$

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: -80.708 ± 0.599 χ^2/NDF : 2133.3/20

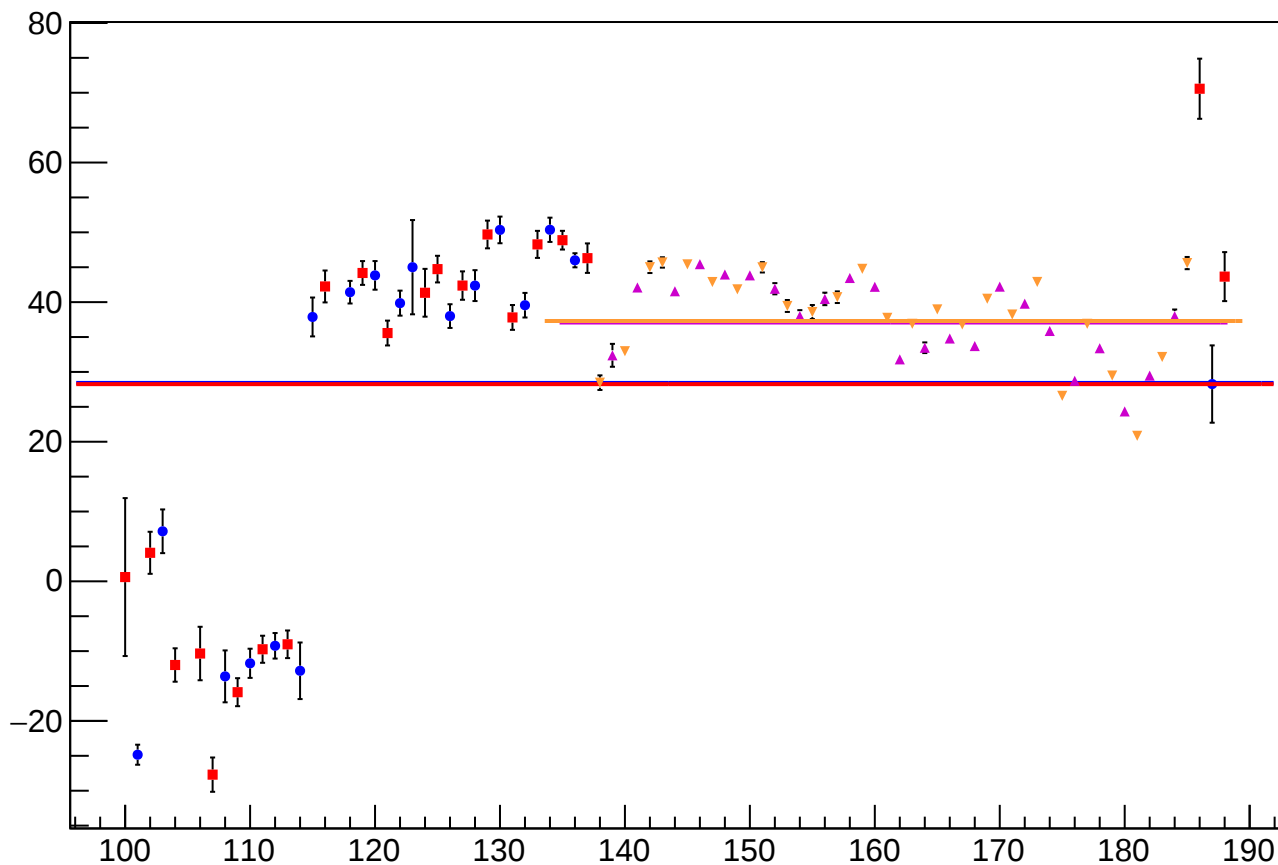
Left In: -45.616 ± 0.139 χ^2/NDF : 17743.8/22

+ sign -47.001 ± 0.135 χ^2/NDF : 21391.4/42

All: -47.205 ± 0.096 χ^2/NDF : 44525.0/86

- sign -47.411 ± 0.136 χ^2/NDF : 23128.9/43

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.424 $\pm$ 0.456 χ^2 /NDF: 3330.3/17

Left Out: 37.298 $\pm$ 0.123 χ^2 /NDF:3113.0/24

Right Out: 28.250 $\pm$ 0.471 χ^2 /NDF: 3151.6/20

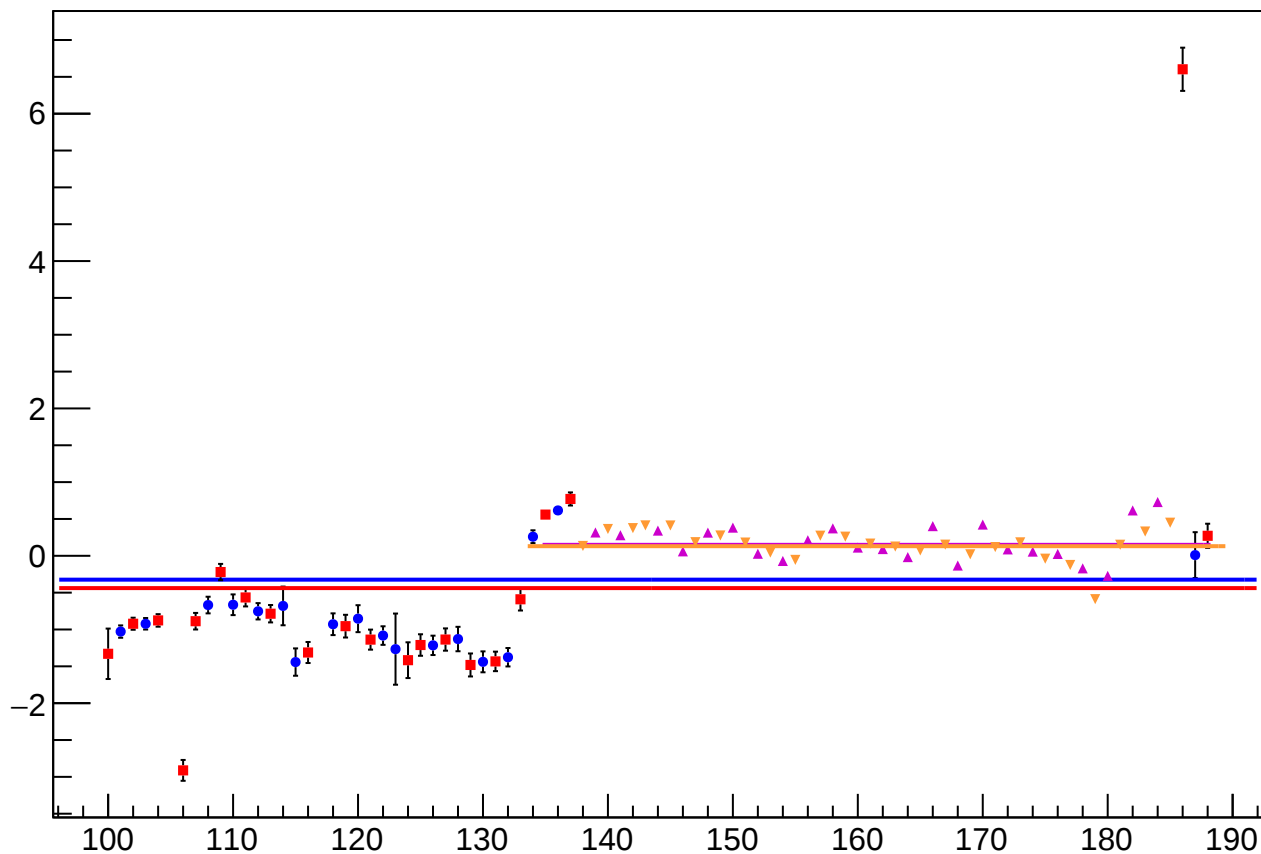
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

+ sign 36.694 $\pm$ 0.119 χ^2 /NDF: 6797.0/42

All: 36.599 $\pm$ 0.085 χ^2 /NDF: 12683.1/86

- sign 36.502 $\pm$ 0.121 χ^2 /NDF: 5884.8/43

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: -0.438 ± 0.025 χ^2/NDF : 1772.5/20

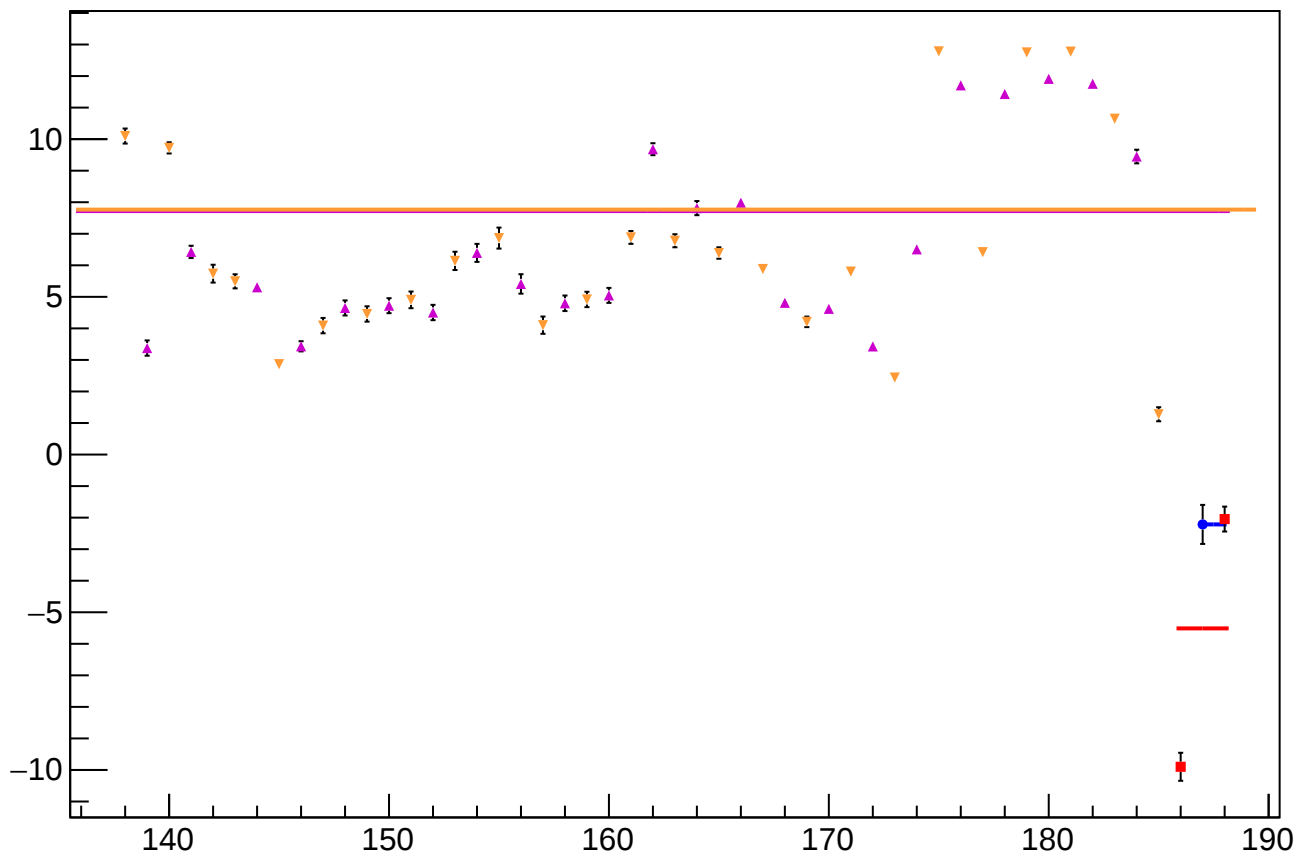
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ sign 0.108 ± 0.005 χ^2/NDF : 2752.3/42

All: 0.114 ± 0.004 χ^2/NDF : 6853.6/86

- sign 0.120 ± 0.006 χ^2/NDF : 4098.9/43

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: -2.215 ± 0.619 χ^2/NDF : 0.0/0

Left Out: 7.766 ± 0.034 χ^2/NDF : 11703.8/24

Right Out: -5.511 ± 0.295 χ^2/NDF : 174.6/1

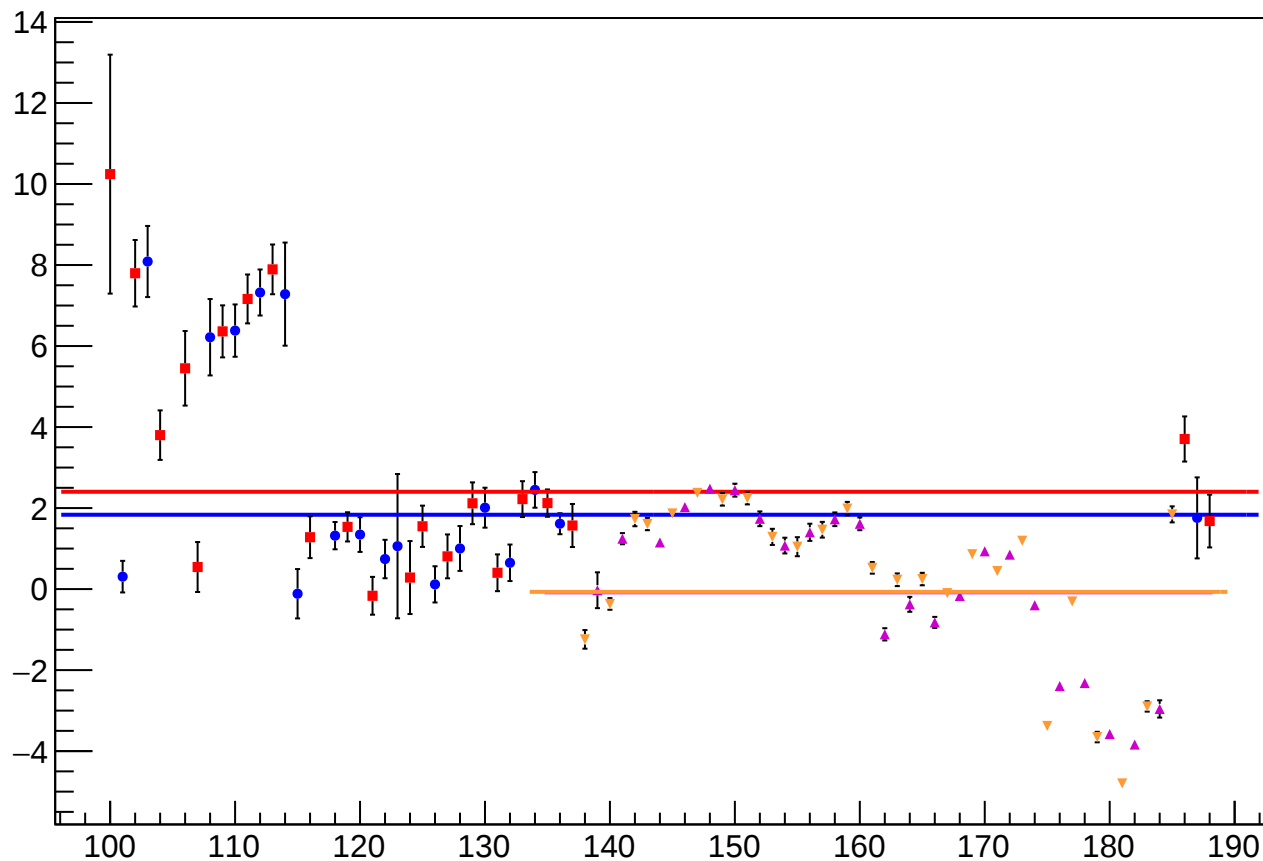
Left In: 7.719 ± 0.035 χ^2/NDF : 8490.5/22

+ sign 7.735 ± 0.034 χ^2/NDF : 11963.0/25

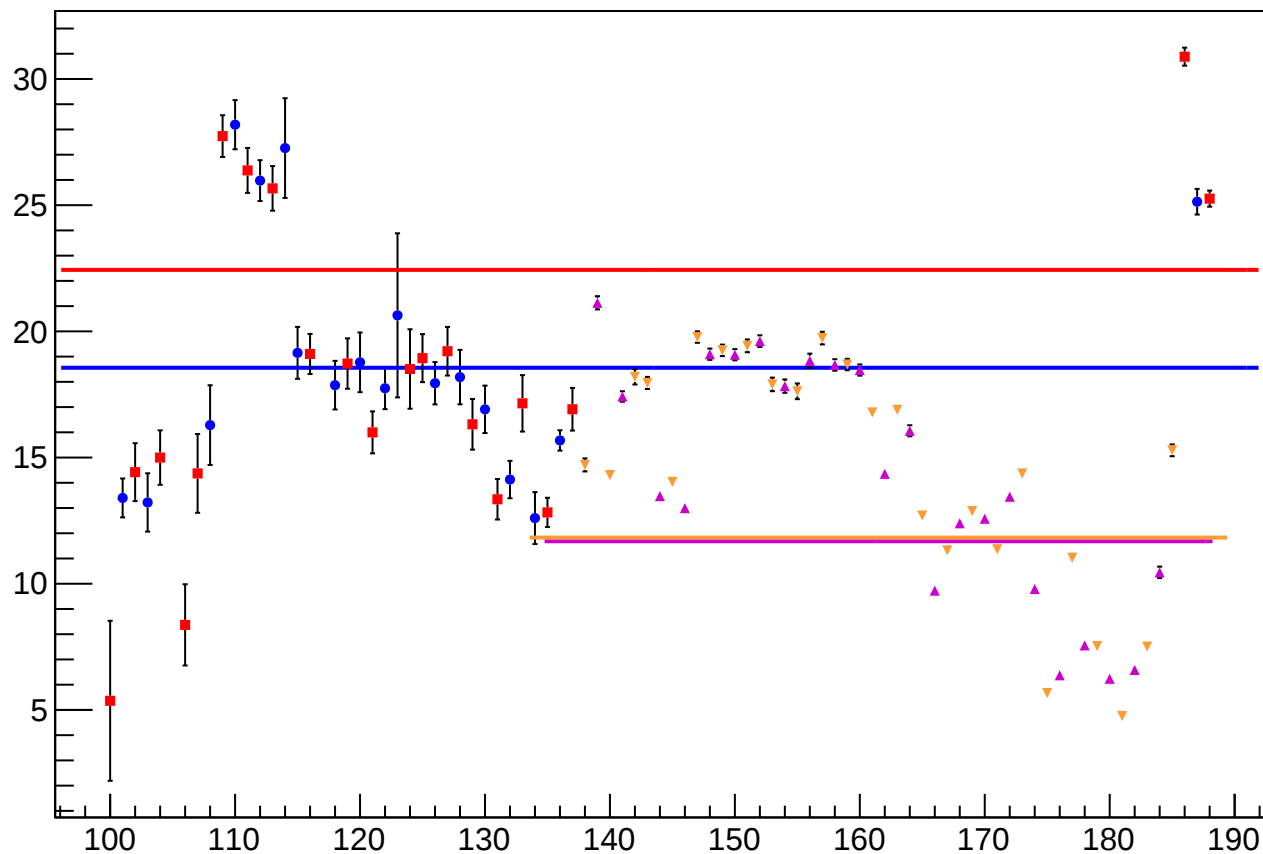
All: 7.637 ± 0.024 χ^2/NDF : 22626.7/50

- sign 7.537 ± 0.035 χ^2/NDF : 10647.2/24

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



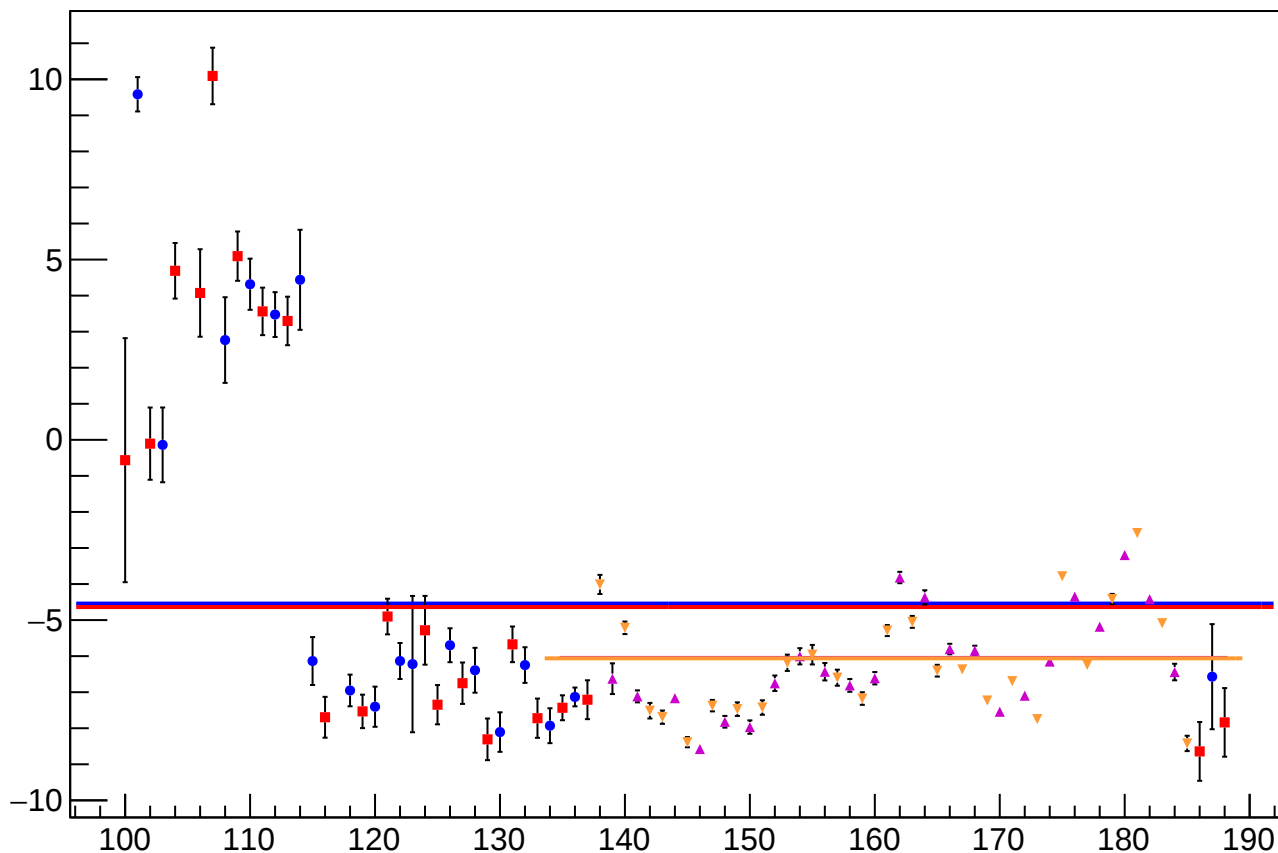
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.558 $\pm$ 0.195 χ^2 /NDF: 563.0/17
 Left Out: 11.830 $\pm$ 0.035 χ^2 /NDF:19032.5/24
 Right Out: 22.436 $\pm$ 0.161 χ^2 /NDF: 1568.7/20
 Left In: 11.683 $\pm$ 0.035 χ^2 /NDF:16927.3/22

+ sign 12.036 $\pm$ 0.034 χ^2 /NDF: 20744.1/42
 All: 12.102 $\pm$ 0.024 χ^2 /NDF: 43503.9/86
 - sign 12.170 $\pm$ 0.034 χ^2 /NDF: 22752.1/43

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: -4.638 ± 0.134 χ^2/NDF : 1376.0/20

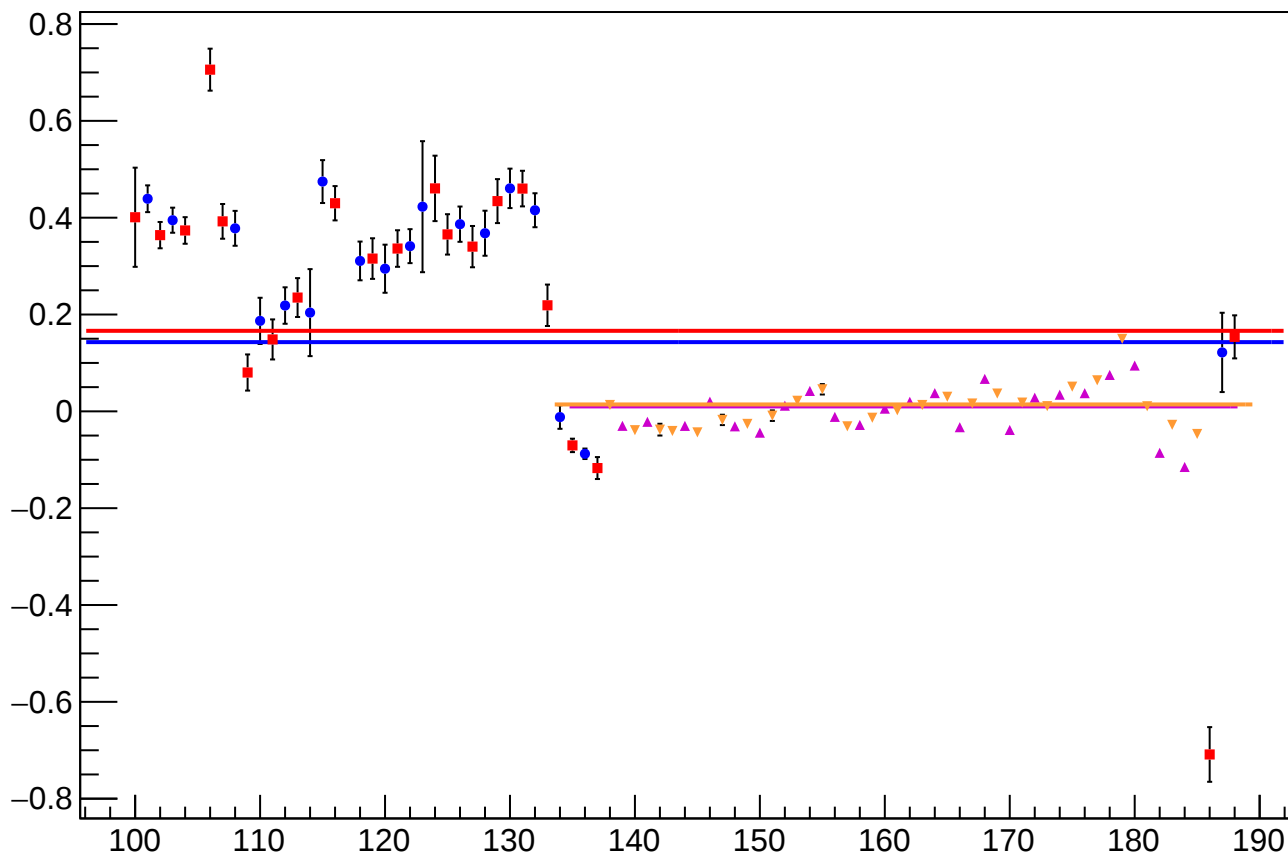
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.977 ± 0.030 χ^2/NDF : 4372.3/42

All: -5.976 ± 0.022 χ^2/NDF : 8157.2/86

- sign -5.975 ± 0.031 χ^2/NDF : 3784.8/43

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: 0.166 $\pm$ 0.007 χ^2 /NDF: 1252.3/20

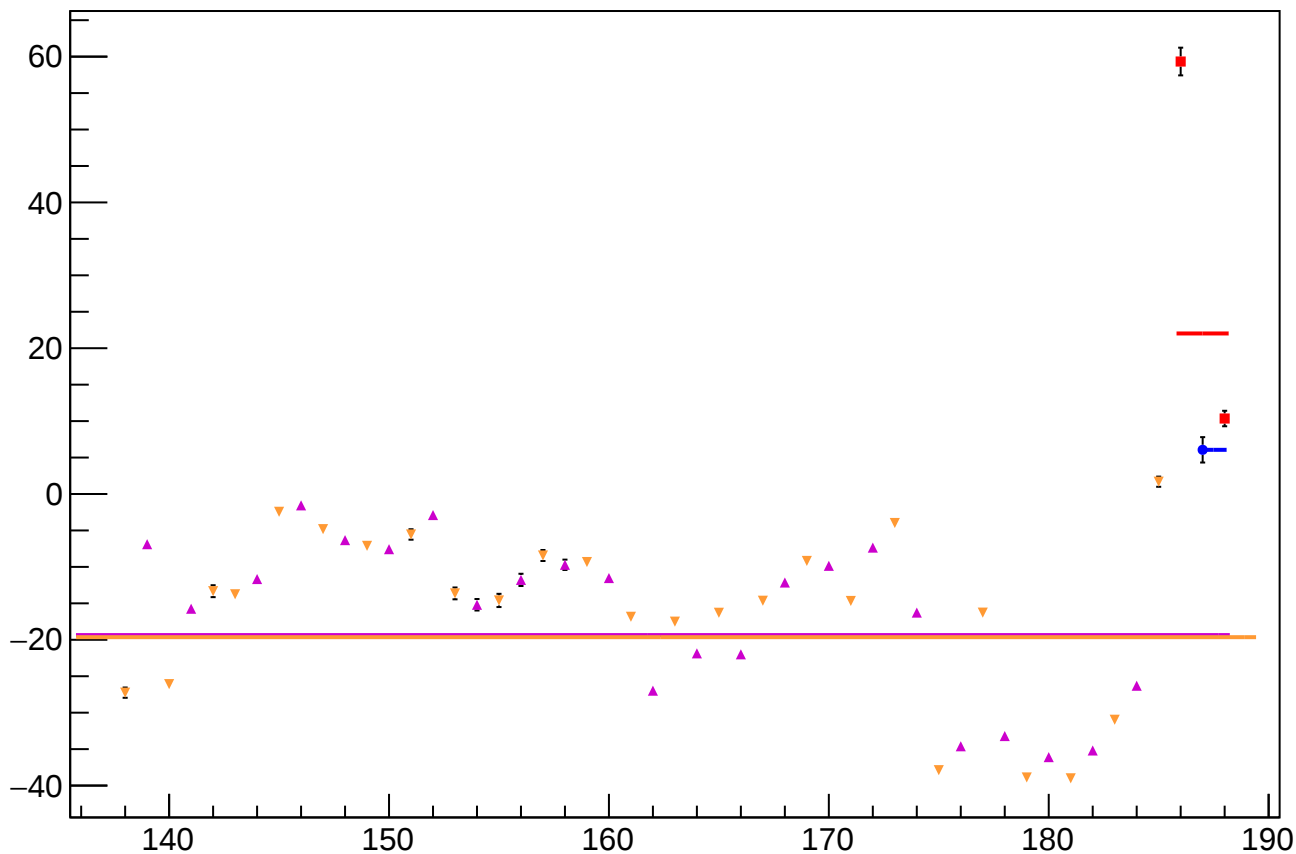
Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 1224.5/22

+ sign 0.019 $\pm$ 0.001 χ^2 /NDF: 2333.7/42

All: 0.018 $\pm$ 0.001 χ^2 /NDF: 5262.0/86

- sign 0.016 $\pm$ 0.001 χ^2 /NDF: 2925.8/43

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: 22.023 $\pm$ 0.928 χ^2 /NDF: 505.8/1

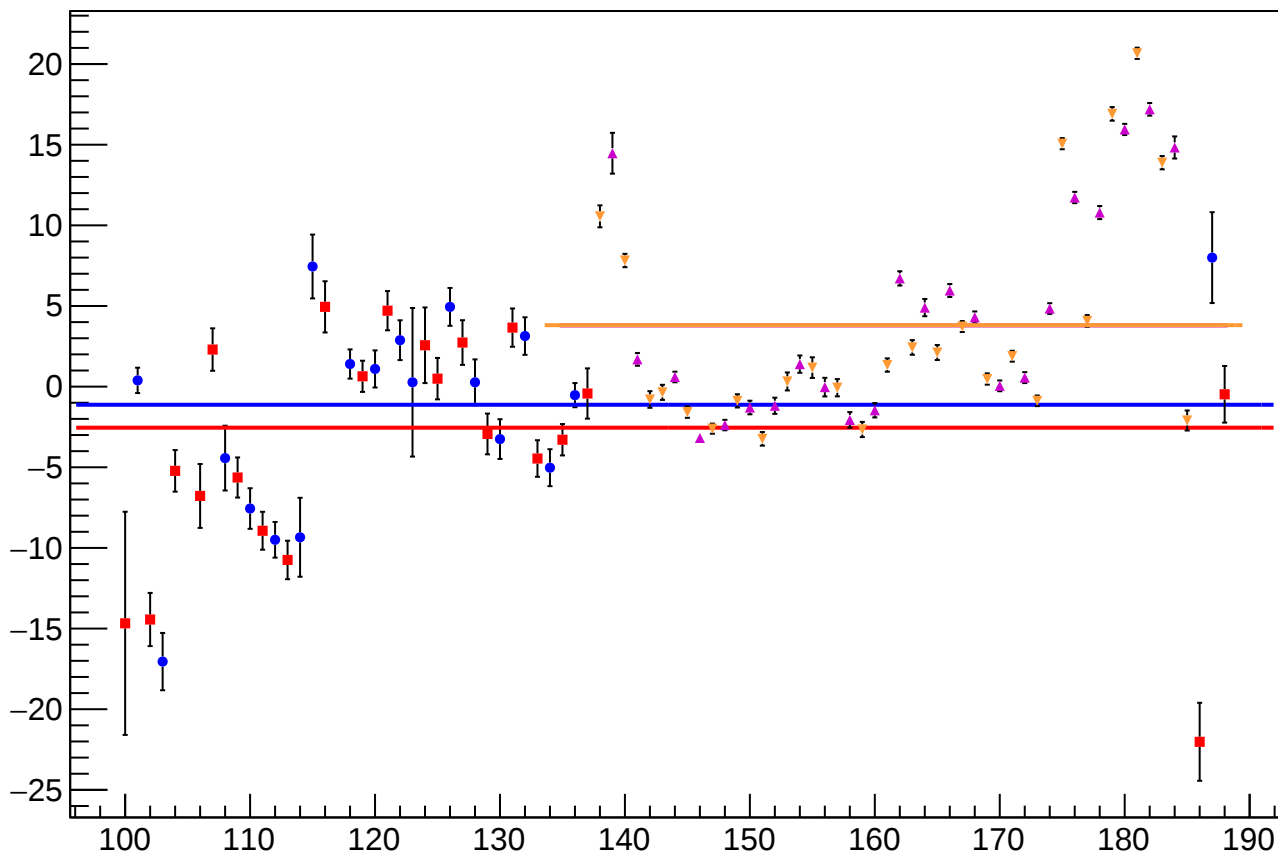
Left In: -19.355 $\pm$ 0.105 χ^2 /NDF:12417.1/22

+ sign -19.552 $\pm$ 0.103 χ^2 /NDF: 15947.7/25

All: -19.197 $\pm$ 0.073 χ^2 /NDF: 30858.9/50

- sign -18.836 $\pm$ 0.104 χ^2 /NDF: 14887.3/24

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: -2.545 ± 0.296 χ^2/NDF : 353.2/20

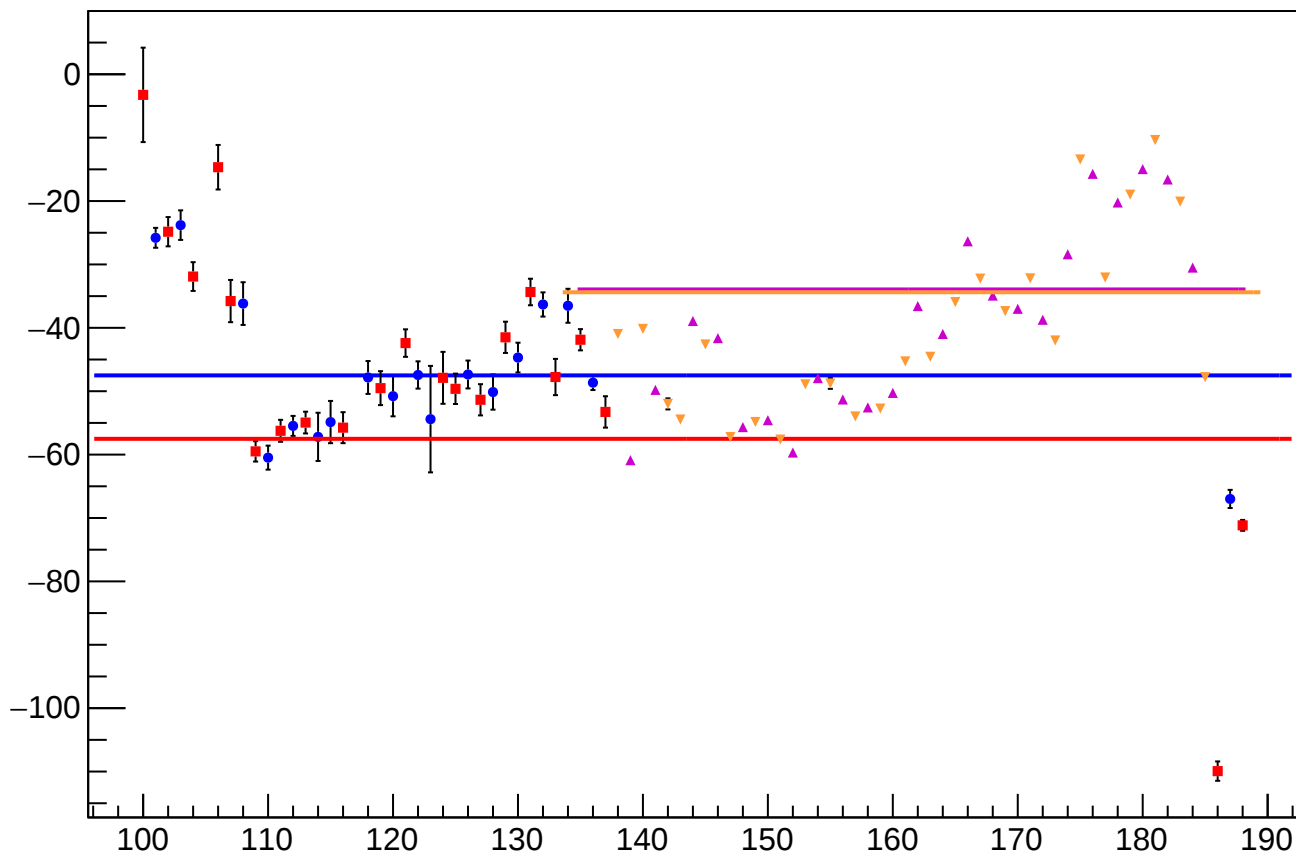
Left In: 3.795 ± 0.083 χ^2/NDF : 5534.4/22

+ sign 3.440 ± 0.079 χ^2/NDF : 7678.0/42

All: 3.385 ± 0.056 χ^2/NDF : 13992.3/86

- sign 3.329 ± 0.080 χ^2/NDF : 6313.3/43

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -47.505 $\pm$ 0.491 χ^2/NDF : 631.3/17

Left Out: -34.389 $\pm$ 0.104 χ^2/NDF : 20032.2/24

Right Out: -57.510 $\pm$ 0.432 χ^2/NDF : 2353.5/20

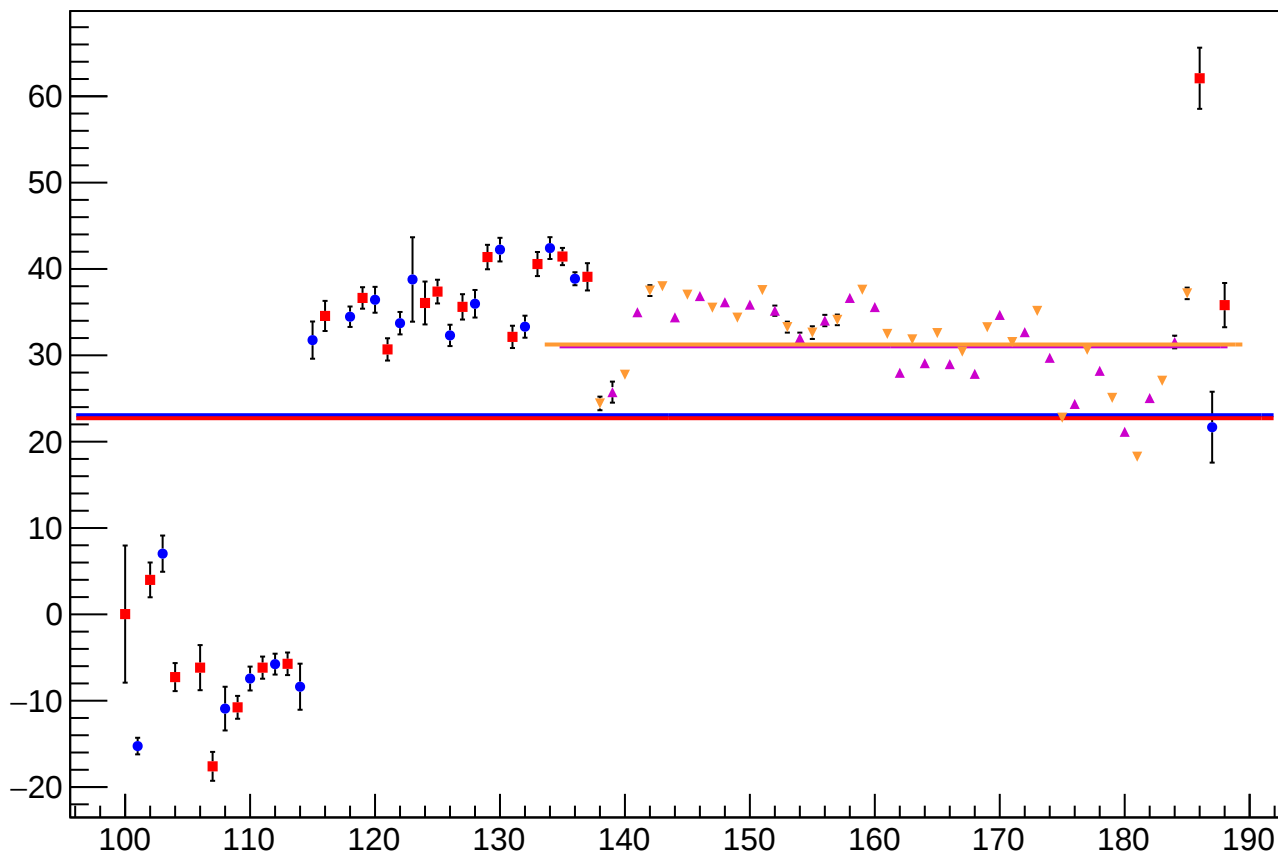
Left In: -33.946 $\pm$ 0.105 χ^2/NDF : 17855.4/22

+ sign -34.954 $\pm$ 0.102 χ^2/NDF : 21346.7/42

All: -35.106 $\pm$ 0.072 χ^2/NDF : 44375.3/86

- sign -35.259 $\pm$ 0.102 χ^2/NDF : 23024.1/43

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: 22.715 $\pm$ 0.335 χ^2 /NDF: 4187.1/20

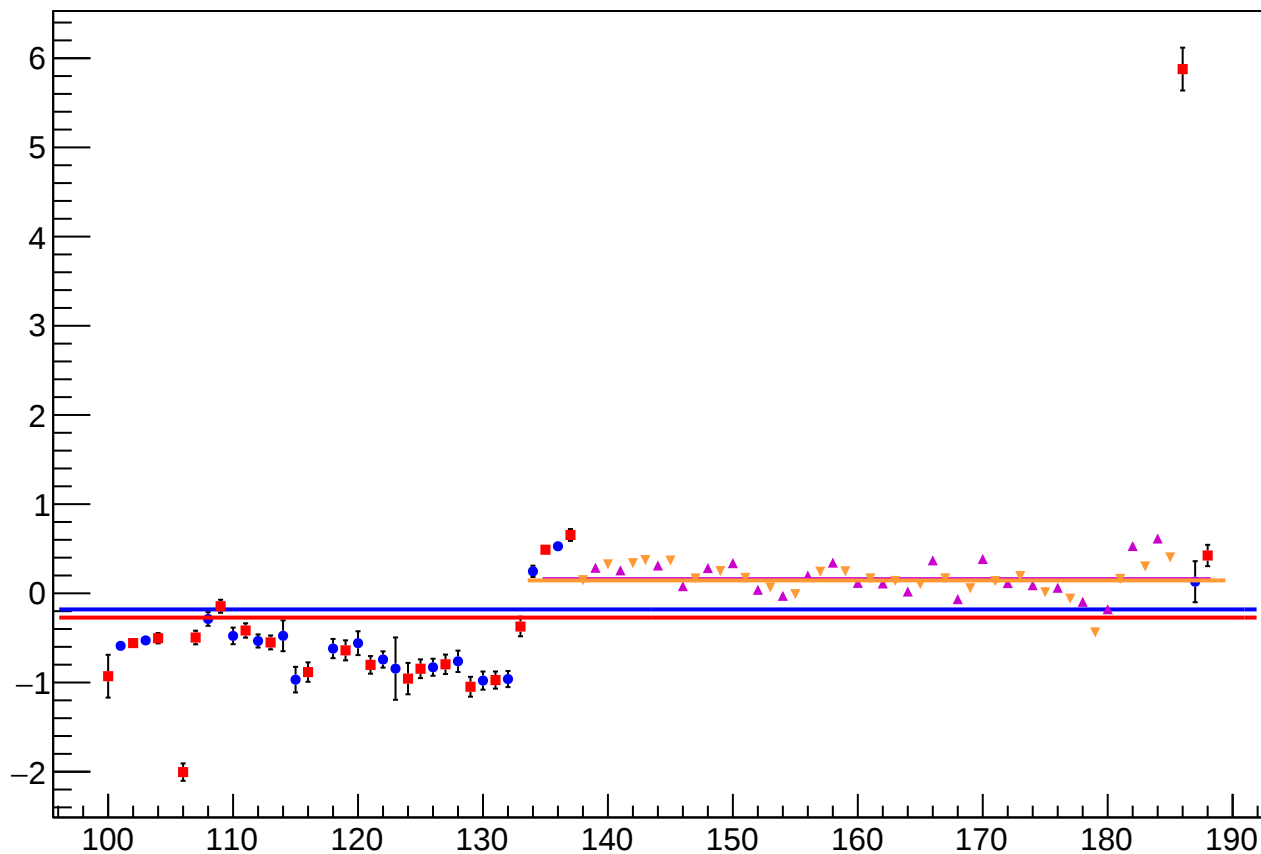
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

+ sign 30.638 $\pm$ 0.089 χ^2 /NDF: 8238.5/42

All: 30.538 $\pm$ 0.063 χ^2 /NDF: 15488.1/86

- sign 30.436 $\pm$ 0.090 χ^2 /NDF: 7247.0/43

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: -0.272 ± 0.018 χ^2/NDF : 1881.5/20

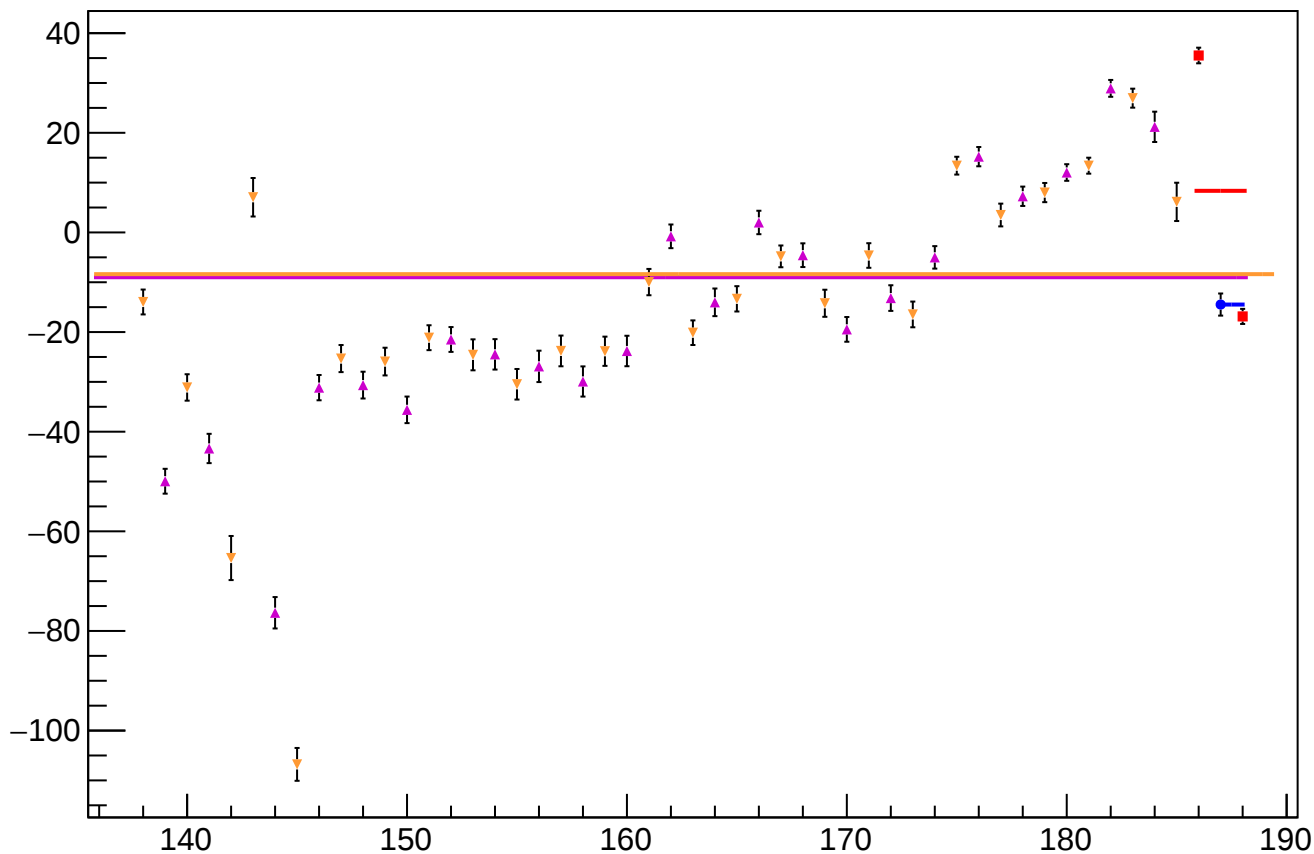
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ sign 0.127 ± 0.004 χ^2/NDF : 2892.7/42

All: 0.131 ± 0.003 χ^2/NDF : 7345.0/86

- sign 0.136 ± 0.004 χ^2/NDF : 4450.2/43

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -14.478 $\pm$ 2.220 χ^2 /NDF: 0.0/0

Left Out: -8.375 $\pm$ 0.500 χ^2 /NDF: 2224.0/24

Right Out: 8.351 $\pm$ 1.090 χ^2 /NDF: 576.3/1

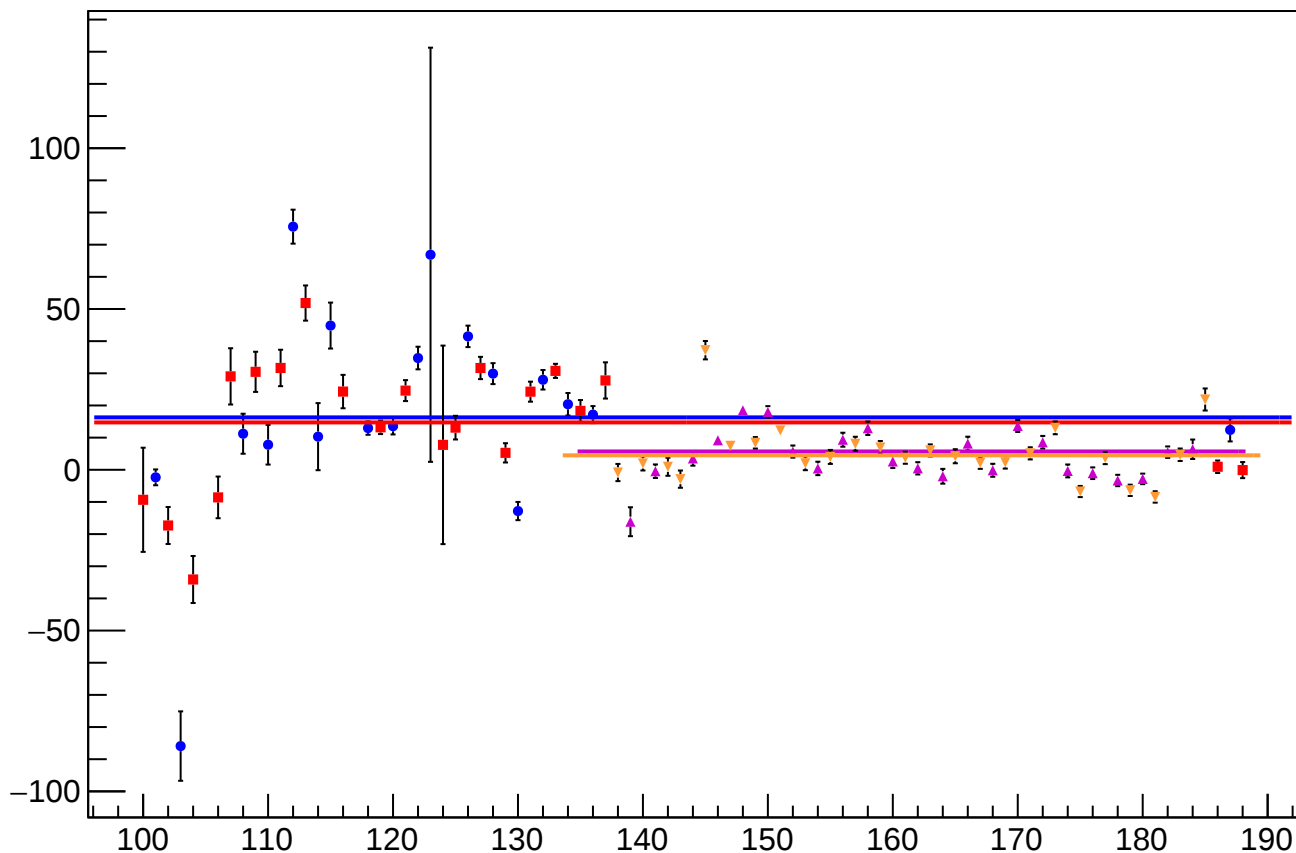
Left In: -8.995 $\pm$ 0.505 χ^2 /NDF: 2308.2/22

+ sign -8.670 $\pm$ 0.488 χ^2 /NDF: 2231.2/25

All: -7.214 $\pm$ 0.334 χ^2 /NDF: 5340.9/50

- sign -5.930 $\pm$ 0.458 χ^2 /NDF: 3092.9/24

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.293 ± 0.825 $\chi^2/\text{NDF}: 520.9/17$

Left Out: 4.494 ± 0.393 $\chi^2/\text{NDF}: 372.1/24$

Right Out: 14.729 ± 0.775 $\chi^2/\text{NDF}: 357.2/20$

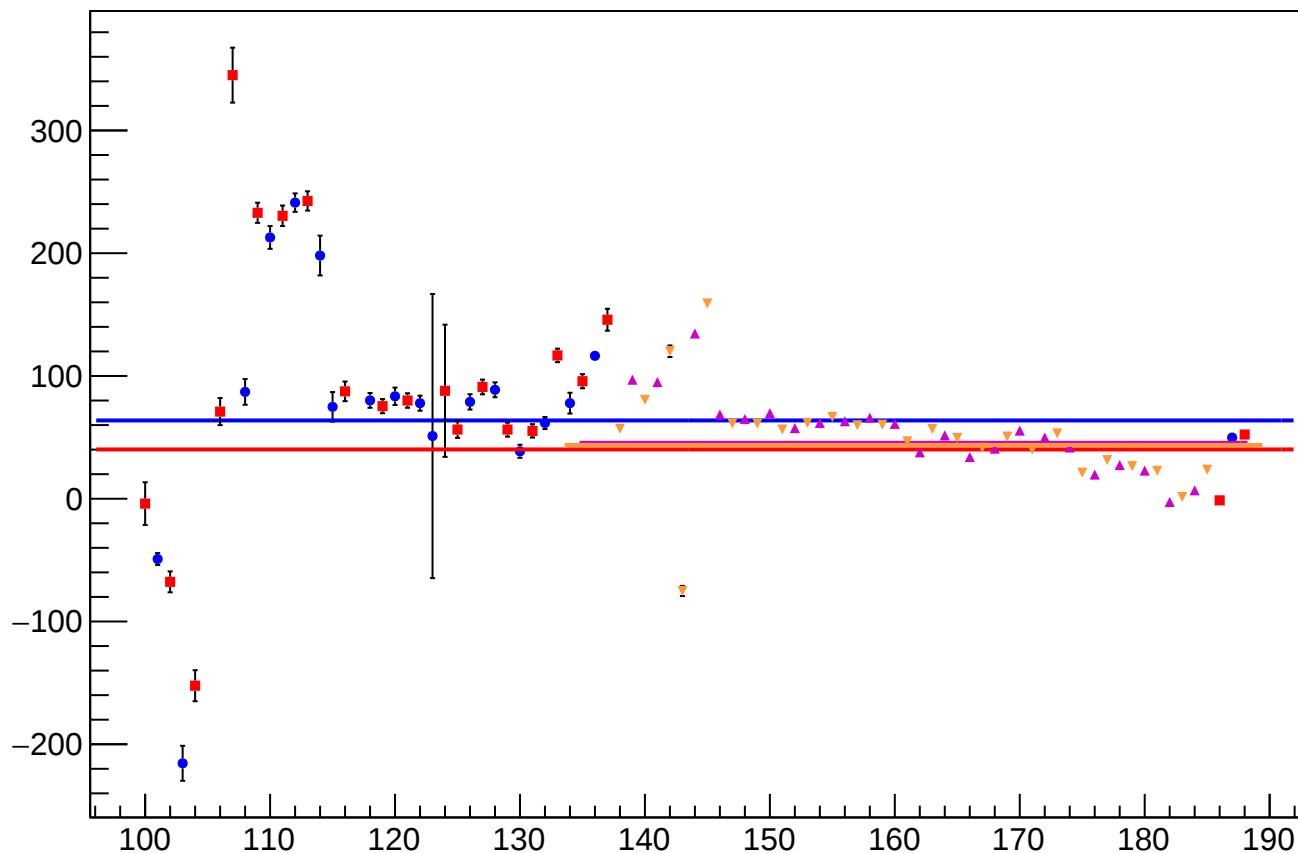
Left In: 5.699 ± 0.403 $\chi^2/\text{NDF}: 329.1/22$

+ sign 6.676 ± 0.355 $\chi^2/\text{NDF}: 1059.9/42$

All: 7.145 ± 0.252 $\chi^2/\text{NDF}: 1856.6/86$

- sign 7.623 ± 0.358 $\chi^2/\text{NDF}: 793.1/43$

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 63.772 ± 1.218 χ^2/NDF : 2105.1/17

Left Out: 43.840 ± 0.499 χ^2/NDF : 3680.9/24

Right Out: 40.147 ± 0.780 χ^2/NDF : 4148.8/20

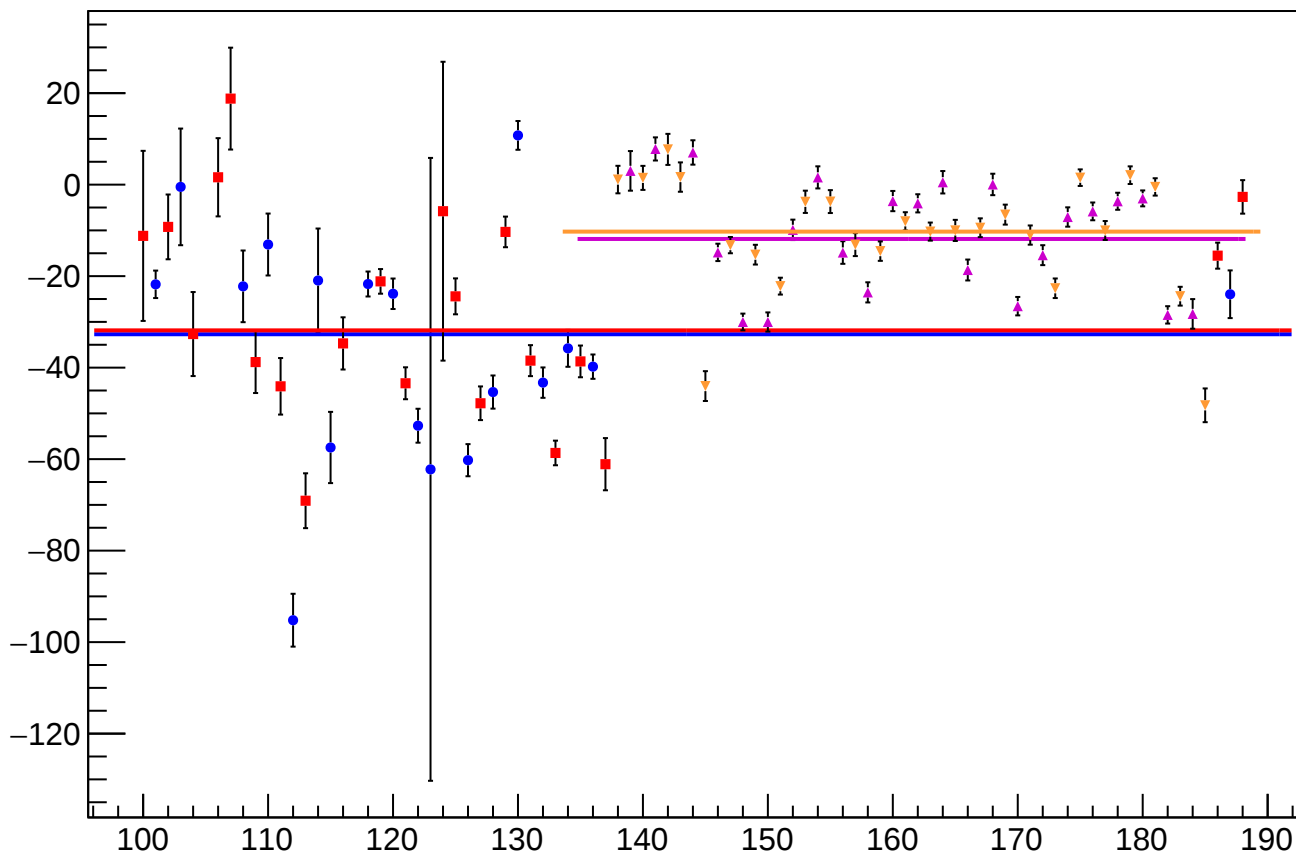
Left In: 45.559 ± 0.502 χ^2/NDF : 3152.4/22

+ sign 46.706 ± 0.462 χ^2/NDF : 6015.4/42

All: 45.217 ± 0.312 χ^2/NDF : 13369.8/86

- sign 43.971 ± 0.422 χ^2/NDF : 7335.3/43

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: -31.854±/0.933 χ^2/NDF : 411.9/20

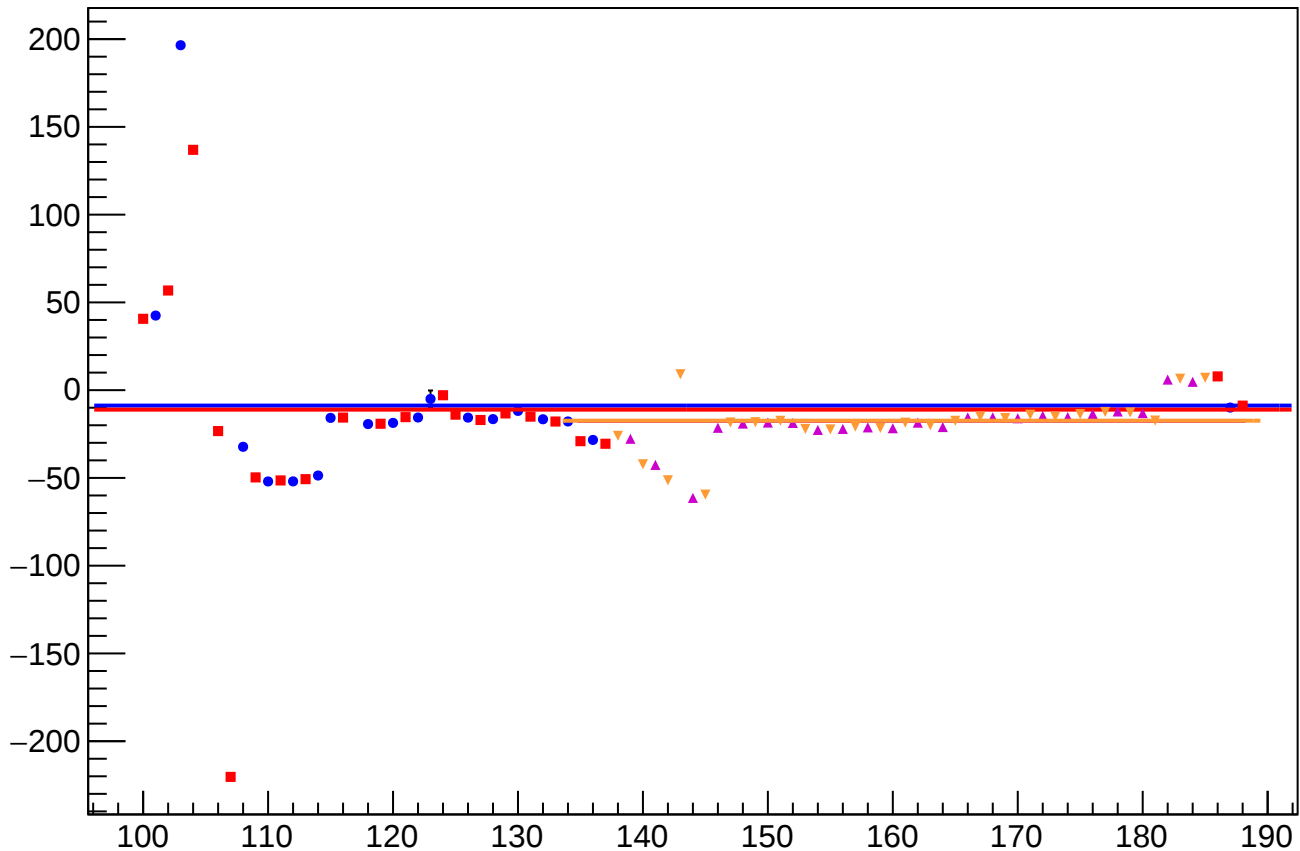
Left In: -11.875±/0.455 χ^2/NDF : 668.4/22

+ sign -14.266±/0.403 χ^2/NDF : 1502.9/42

All: -14.979±/0.287 χ^2/NDF : 2960.2/86

- sign -15.712±/0.409 χ^2/NDF : 1451.0/43

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.795 ± 0.058 $\chi^2/\text{NDF}: 576027.5/17$

Left Out: -17.411 ± 0.020 $\chi^2/\text{NDF}: 320231.3/24$

Right Out: -11.093 ± 0.056 $\chi^2/\text{NDF}: 568658.2/20$

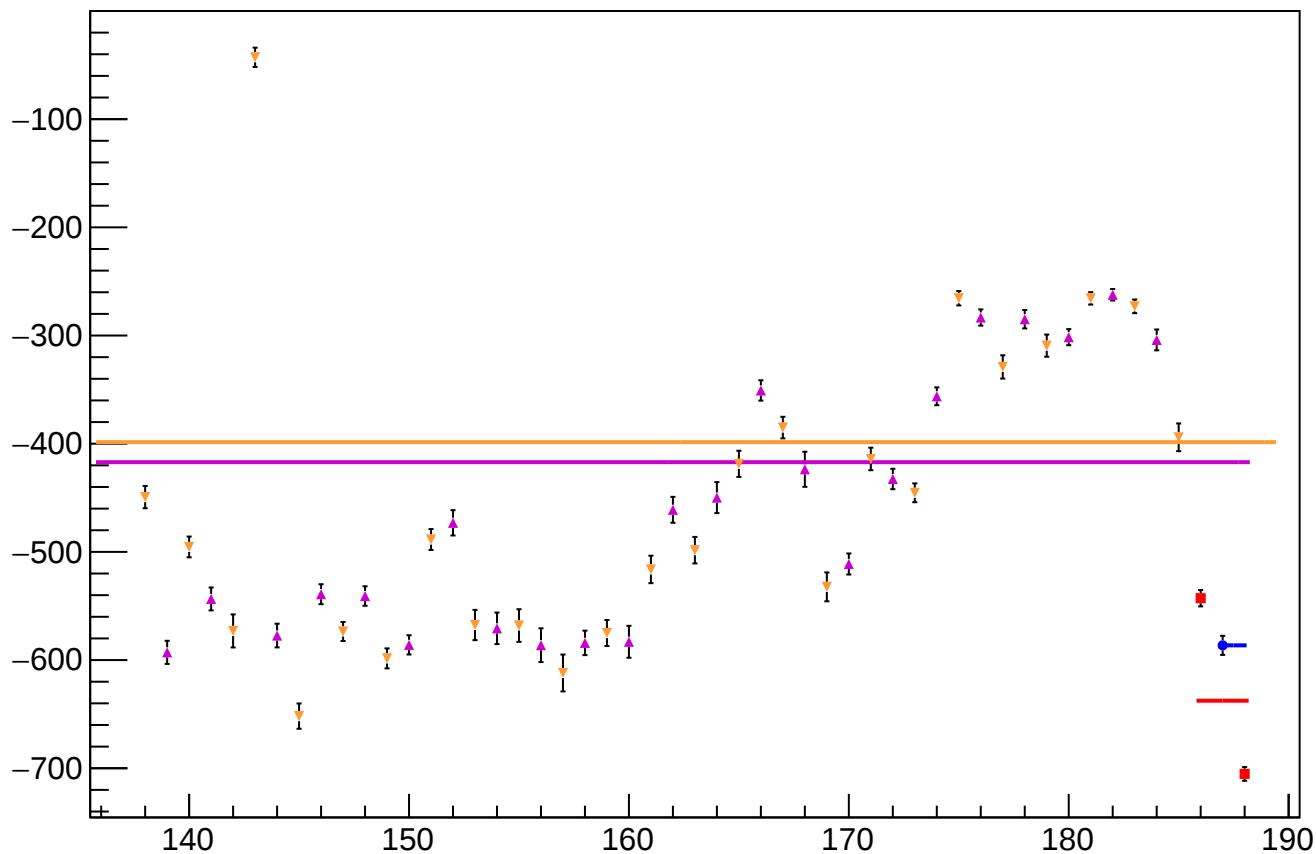
Left In: -17.552 ± 0.021 $\chi^2/\text{NDF}: 261900.3/22$

+ sign -16.450 ± 0.019 $\chi^2/\text{NDF}: 916090.3/42$

All: -16.615 ± 0.014 $\chi^2/\text{NDF}: 1758550.4/86$

- sign -16.780 ± 0.019 $\chi^2/\text{NDF}: 842313.6/43$

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: -637.557+/-4.876 χ^2/NDF : 269.6/1

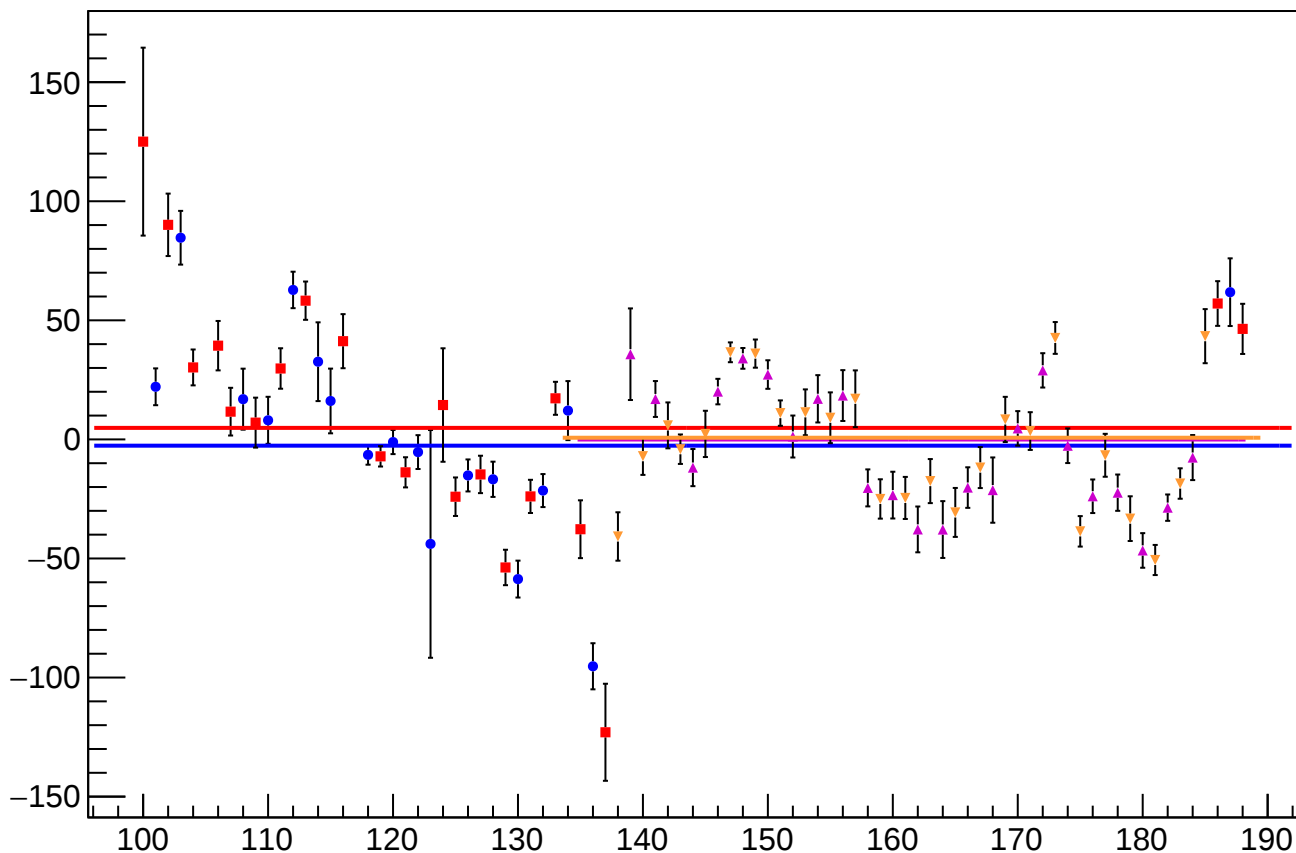
Left In: -417.080+/-1.997 χ^2/NDF :3958.5/22

+ sign -407.416+/-1.915 χ^2/NDF : 6092.1/25

All: -428.813+/-1.330 χ^2/NDF : 12312.2/50

- sign -448.742+/-1.848 χ^2/NDF : 5978.9/24

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: 4.834 ± 1.852 χ^2/NDF : 353.7/20

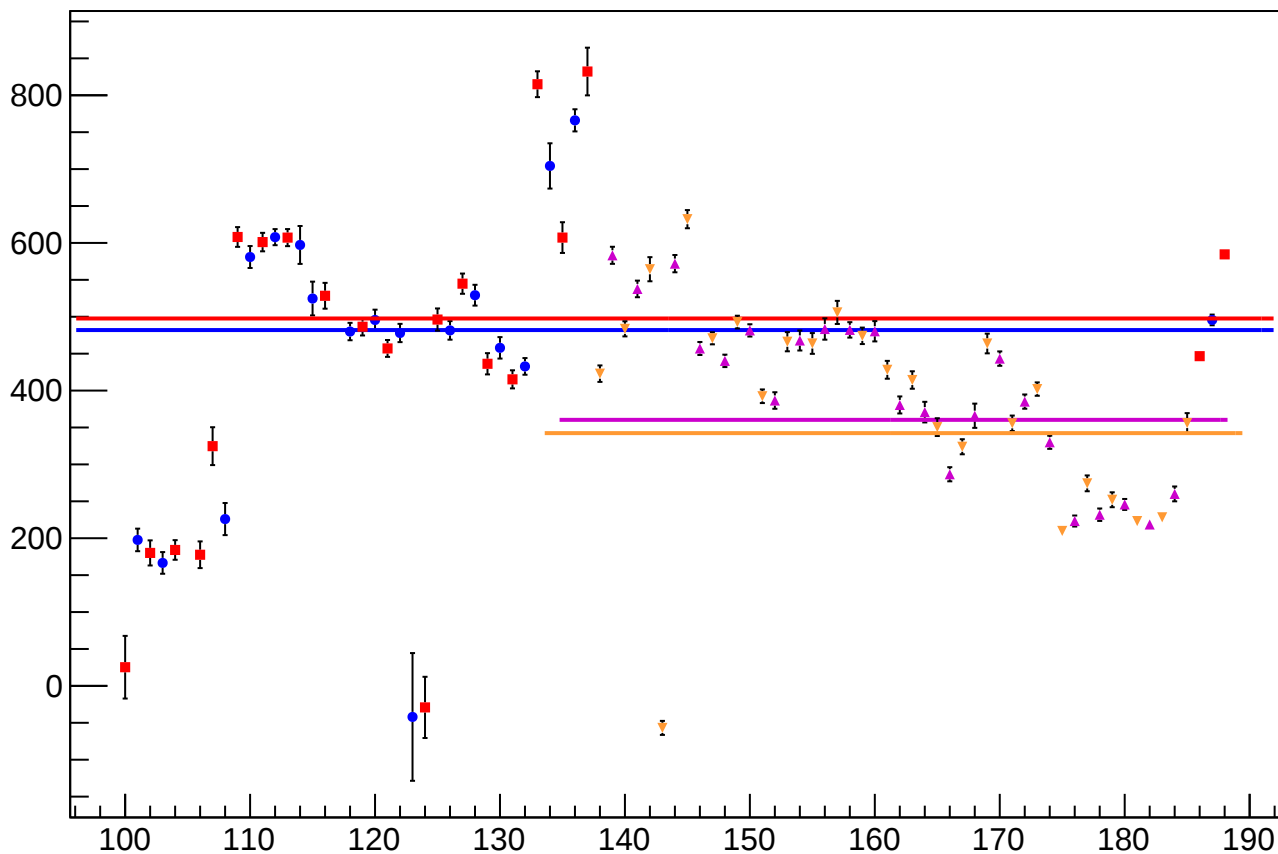
Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

+ sign -0.617 ± 1.175 χ^2/NDF : 687.1/42

All: 0.663 ± 0.839 χ^2/NDF : 1311.4/86

- sign 1.993 ± 1.198 χ^2/NDF : 621.9/43

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 481.970 $\pm$ 3.245 χ^2 /NDF: 1633.5/17

Left Out: 342.368 $\pm$ 1.970 χ^2 /NDF: 5181.7/24

Right Out: 497.646 $\pm$ 2.624 χ^2 /NDF: 2686.1/20

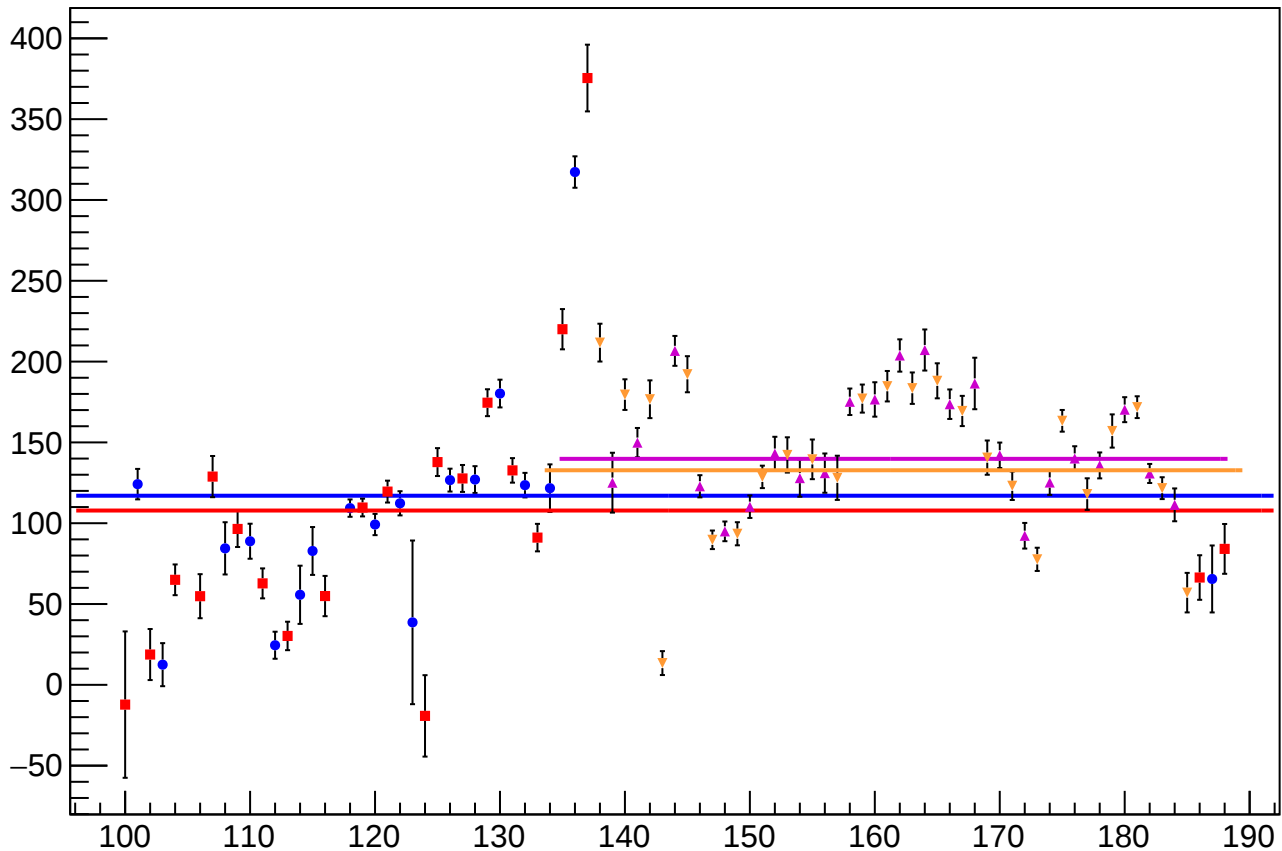
Left In: 360.355 $\pm$ 1.996 χ^2 /NDF: 3449.9/22

+ sign 379.950 $\pm$ 1.684 χ^2 /NDF: 8167.4/42

All: 396.199 $\pm$ 1.155 χ^2 /NDF: 16213.6/86

- sign 410.658 $\pm$ 1.588 χ^2 /NDF: 7870.2/43

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: 107.847 ± 2.160 $\chi^2/\text{NDF}: 583.1/20$

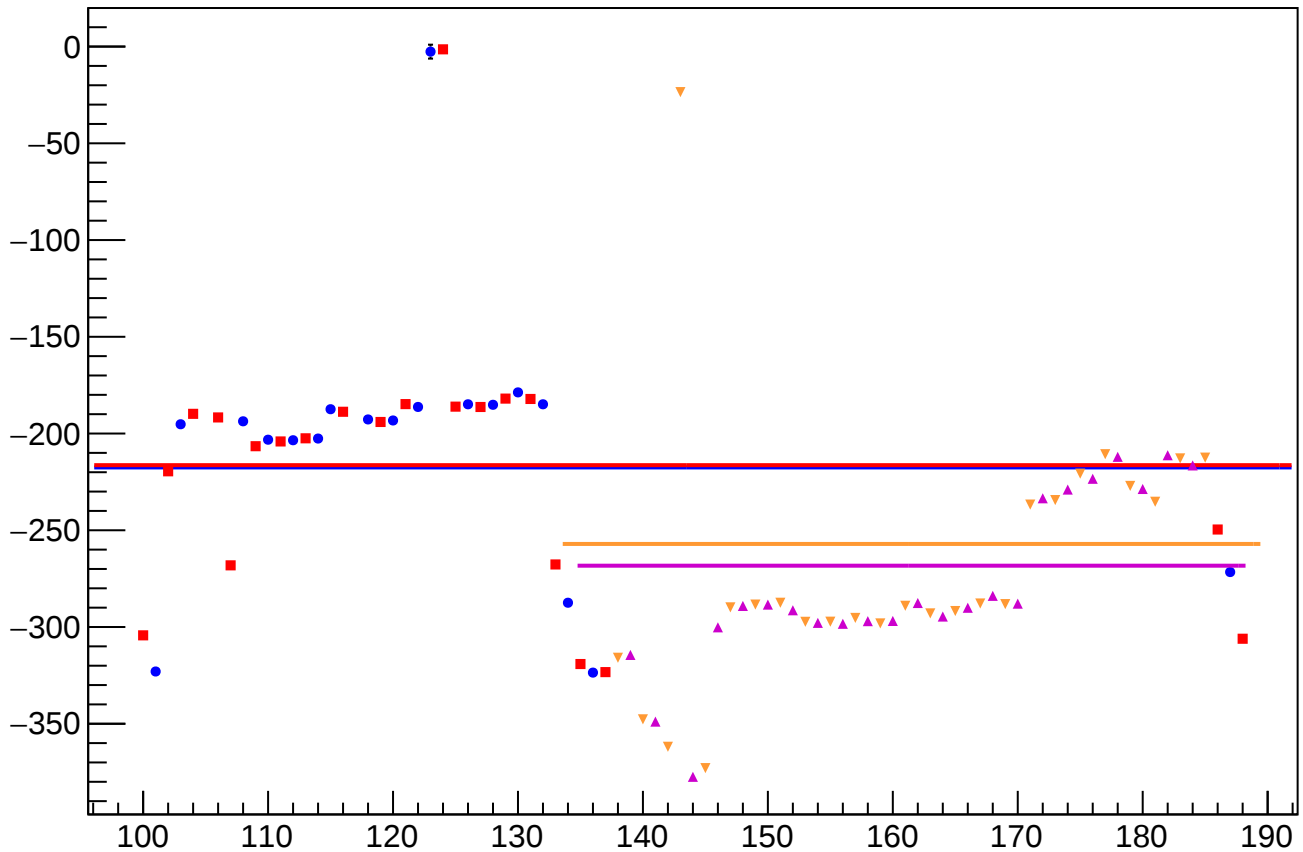
Left In: 139.828 ± 1.790 $\chi^2/\text{NDF}: 321.7/22$

+ sign 126.652 ± 1.358 $\chi^2/\text{NDF}: 1494.7/42$

All: 126.731 ± 0.967 $\chi^2/\text{NDF}: 2529.4/86$

- sign 126.813 ± 1.378 $\chi^2/\text{NDF}: 1034.7/43$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.525 $\pm$ 0.135 χ^2 /NDF: 149149.0/17

Left Out: -257.067 $\pm$ 0.082 χ^2 /NDF: 665762.3/24

Right Out: -216.351 $\pm$ 0.127 χ^2 /NDF: 133563.1/20

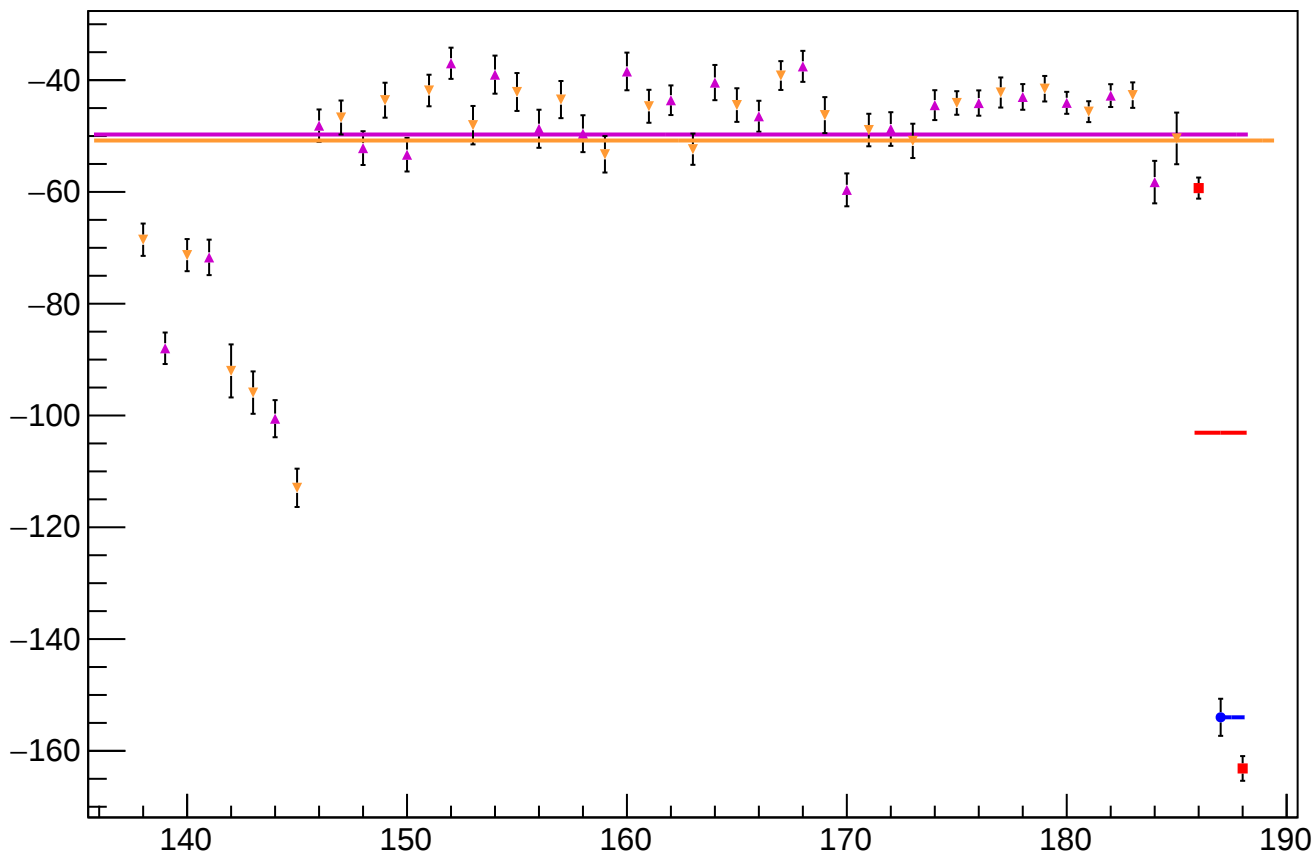
Left In: -268.305 $\pm$ 0.083 χ^2 /NDF: 264853.3/22

+ sign -246.328 $\pm$ 0.070 χ^2 /NDF: 877639.1/42

All: -249.534 $\pm$ 0.049 χ^2 /NDF: 1397218.8/86

- sign -252.687 $\pm$ 0.070 χ^2 /NDF: 515444.8/43

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: -103.082 ± 1.434 χ^2/NDF : 1277.7/1

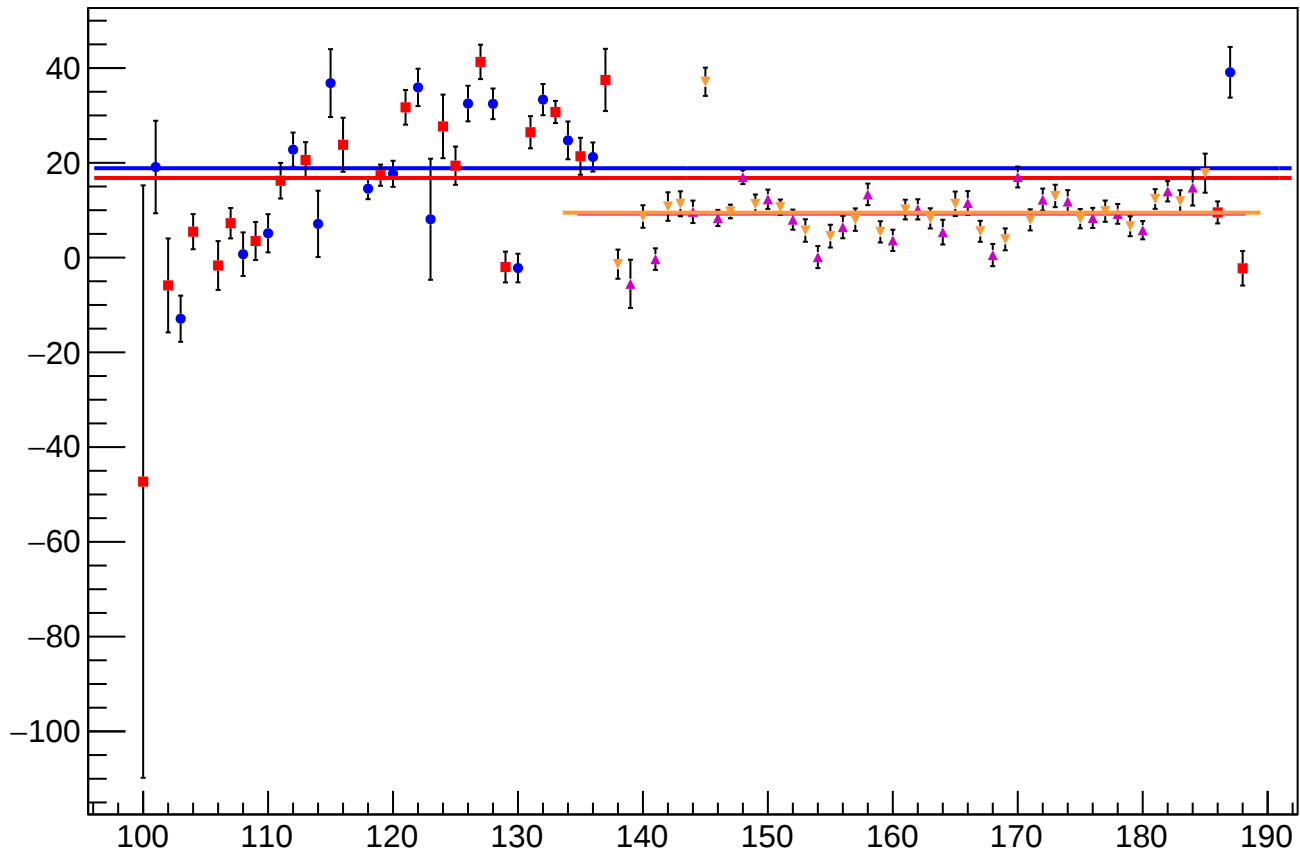
Left In: -49.728 ± 0.581 χ^2/NDF : 601.0/22

+ sign -53.799 ± 0.565 χ^2/NDF : 1691.9/25

All: -55.612 ± 0.390 χ^2/NDF : 4778.4/50

- sign -57.258 ± 0.539 χ^2/NDF : 3066.9/24

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: 16.802 ± 0.791 χ^2/NDF : 241.5/20

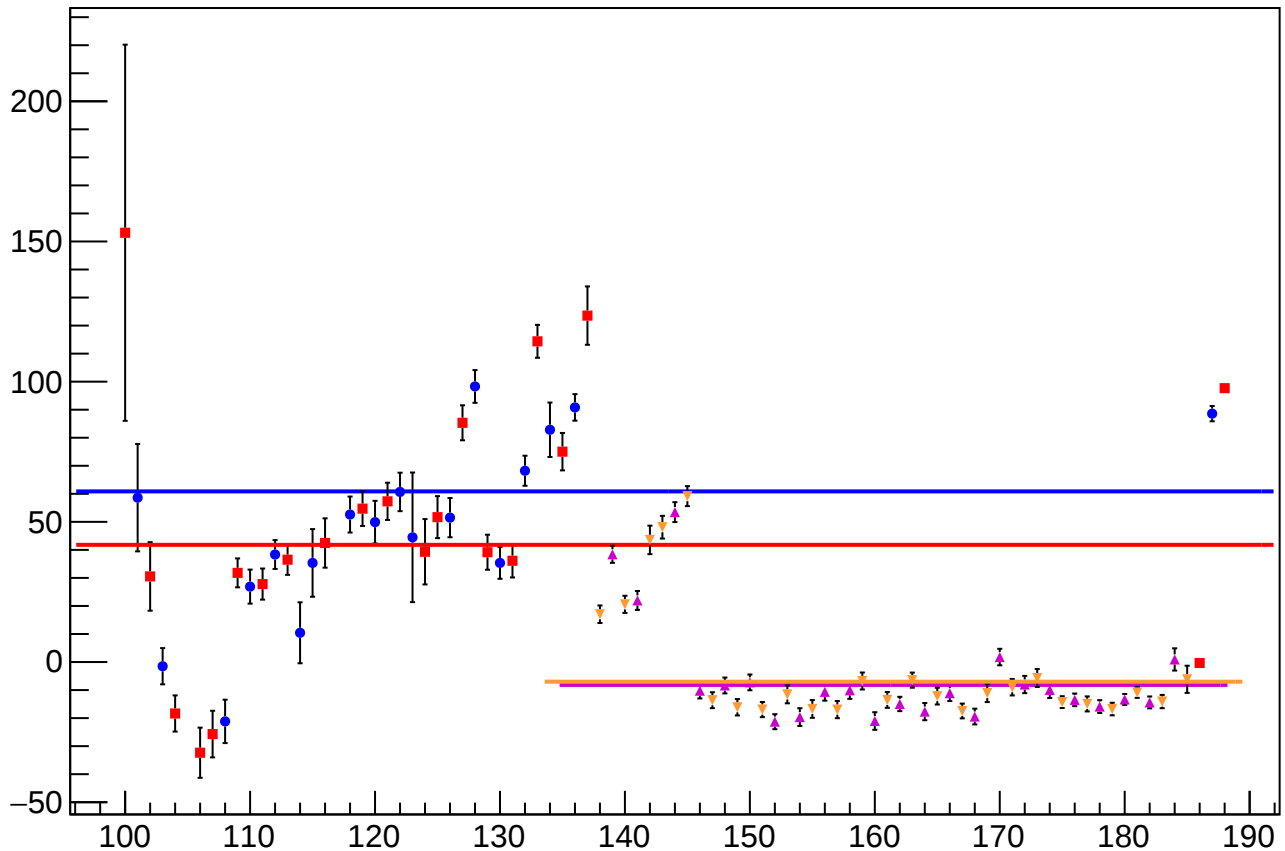
Left In: 9.289 ± 0.461 χ^2/NDF : 125.6/22

+ sign 11.361 ± 0.400 χ^2/NDF : 440.6/42

All: 11.276 ± 0.282 χ^2/NDF : 875.1/86

- sign 11.192 ± 0.398 χ^2/NDF : 434.5/43

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 60.860 ± 1.423 $\chi^2/\text{NDF}: 500.1/17$

Left Out: -7.007 ± 0.572 $\chi^2/\text{NDF}: 899.2/24$

Right Out: 41.803 ± 0.936 $\chi^2/\text{NDF}: 2295.9/20$

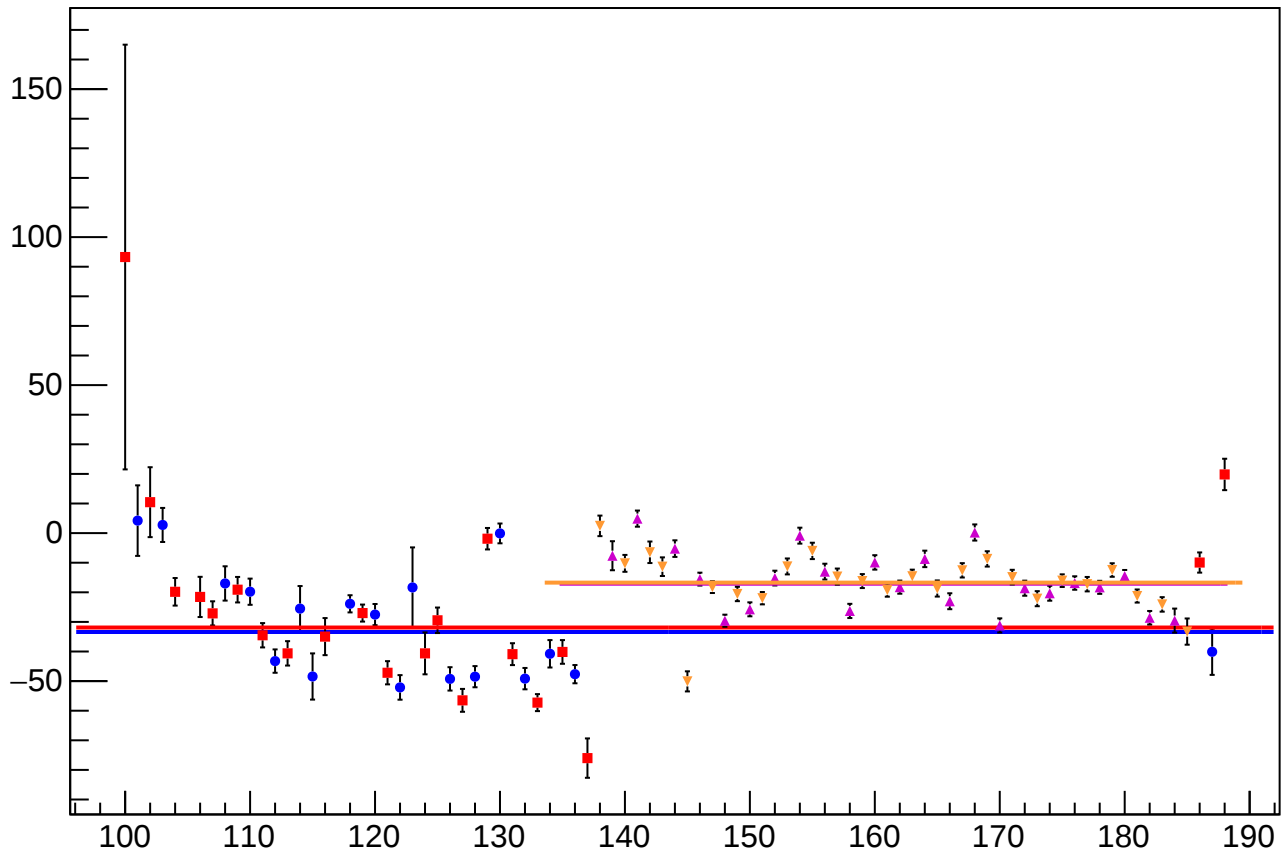
Left In: -8.158 ± 0.578 $\chi^2/\text{NDF}: 753.9/22$

+ sign 2.433 ± 0.531 $\chi^2/\text{NDF}: 3358.1/42$

All: 4.152 ± 0.361 $\chi^2/\text{NDF}: 8491.3/86$

- sign 5.628 ± 0.492 $\chi^2/\text{NDF}: 5113.7/43$

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: -31.896 ± 0.938 χ^2/NDF : 437.8/20

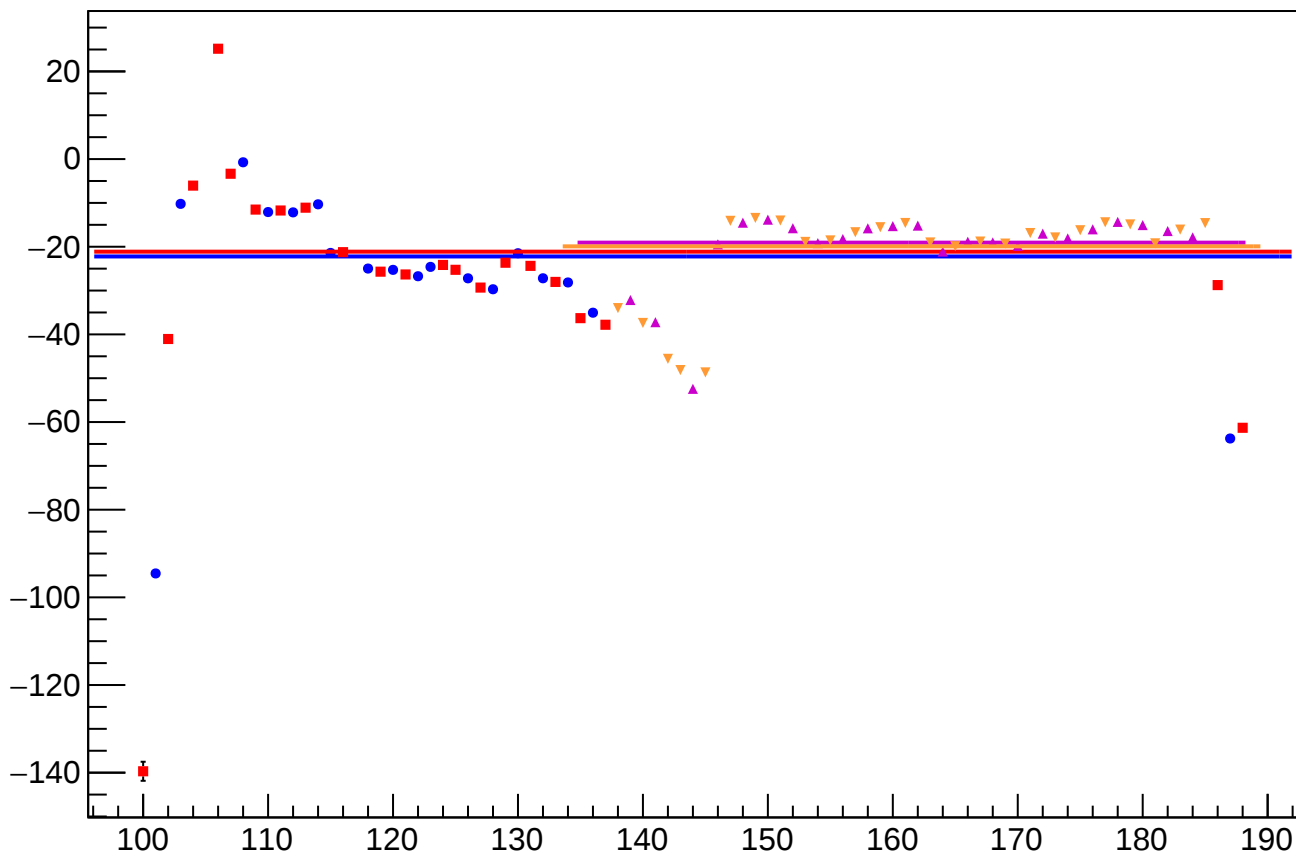
Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

+ sign -20.019 ± 0.455 χ^2/NDF : 726.2/42

All: -20.301 ± 0.322 χ^2/NDF : 1683.1/86

- sign -20.584 ± 0.455 χ^2/NDF : 956.1/43

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -22.218 ± 0.058 χ^2/NDF : 58118.8/17

Left Out: -19.915 ± 0.023 χ^2/NDF : 141090.6/24

Right Out: -21.125 ± 0.054 χ^2/NDF : 110591.4/20

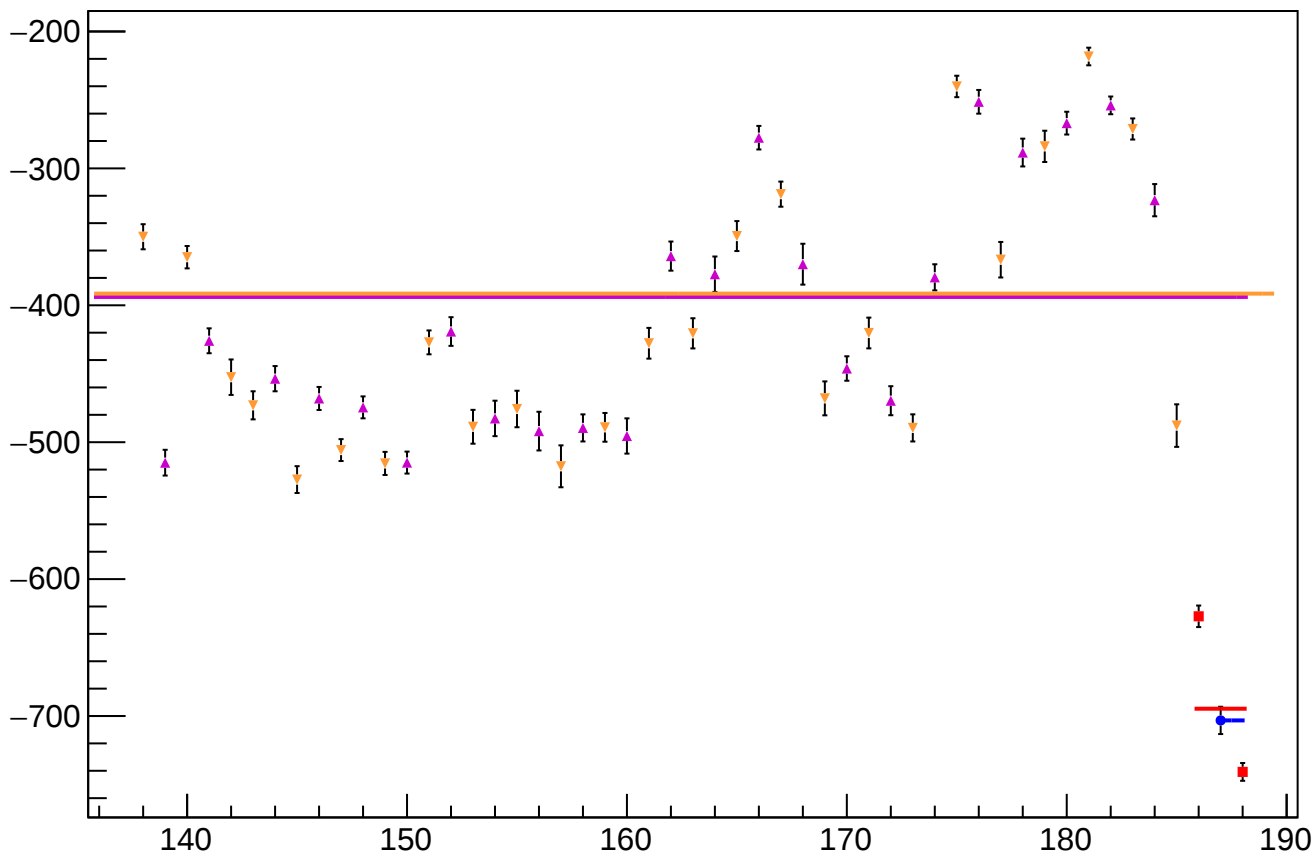
Left In: -19.068 ± 0.024 χ^2/NDF : 92702.3/22

+ sign -20.234 ± 0.022 χ^2/NDF : 200560.0/42

All: -19.813 ± 0.015 χ^2/NDF : 405811.5/86

- sign -19.393 ± 0.022 χ^2/NDF : 204496.4/43

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: -694.661+/-5.010 χ^2/NDF : 124.1/1

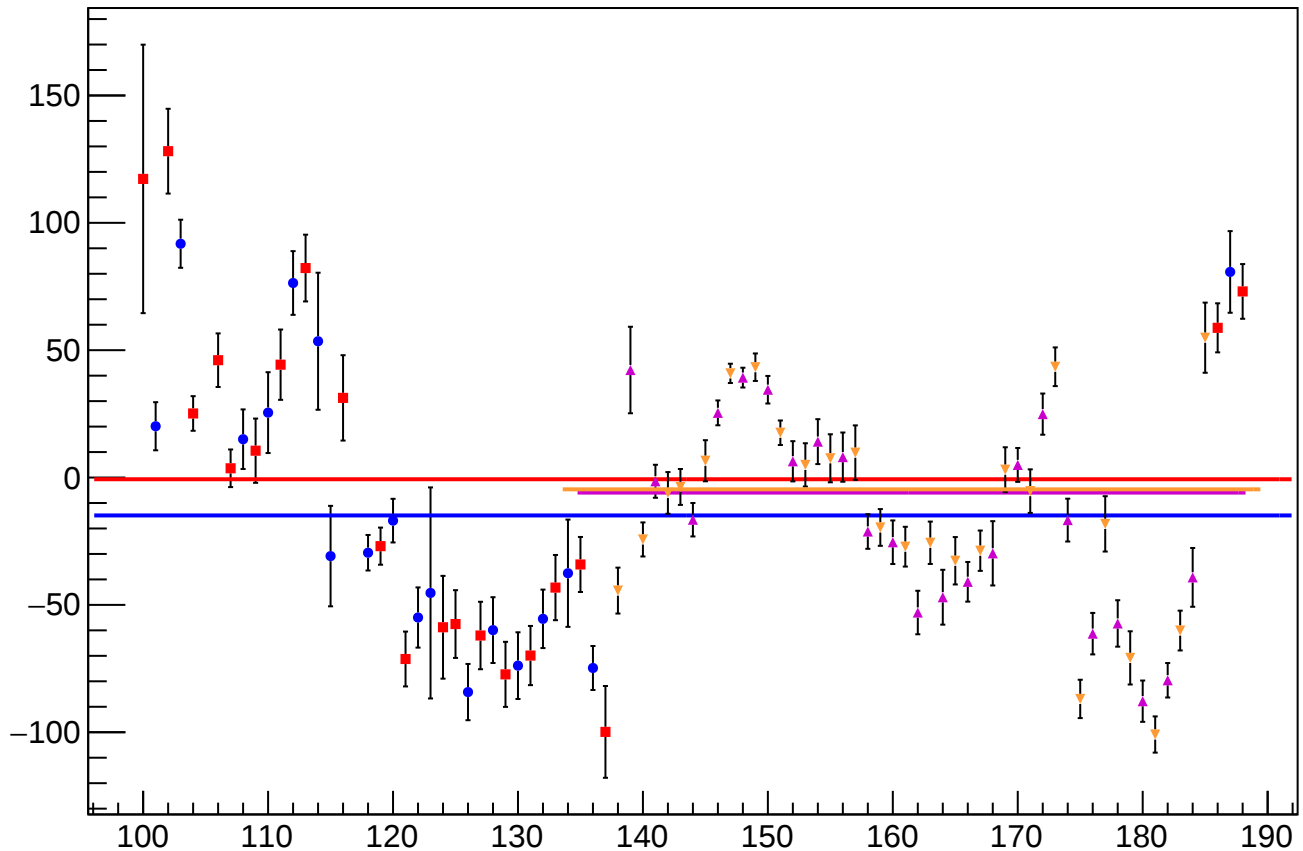
Left In: -393.904+/-1.998 χ^2/NDF : 2280.8/22

+ sign -403.231+/-1.935 χ^2/NDF : 3650.4/25

All: -419.863+/-1.339 χ^2/NDF : 9306.0/50

- sign -435.161+/-1.856 χ^2/NDF : 5513.7/24

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -14.884 ± 2.740 $\chi^2/\text{NDF}: 400.5/17$

Left Out: -4.635 ± 1.467 $\chi^2/\text{NDF}: 771.4/24$

Right Out: -0.670 ± 2.455 $\chi^2/\text{NDF}: 466.1/20$

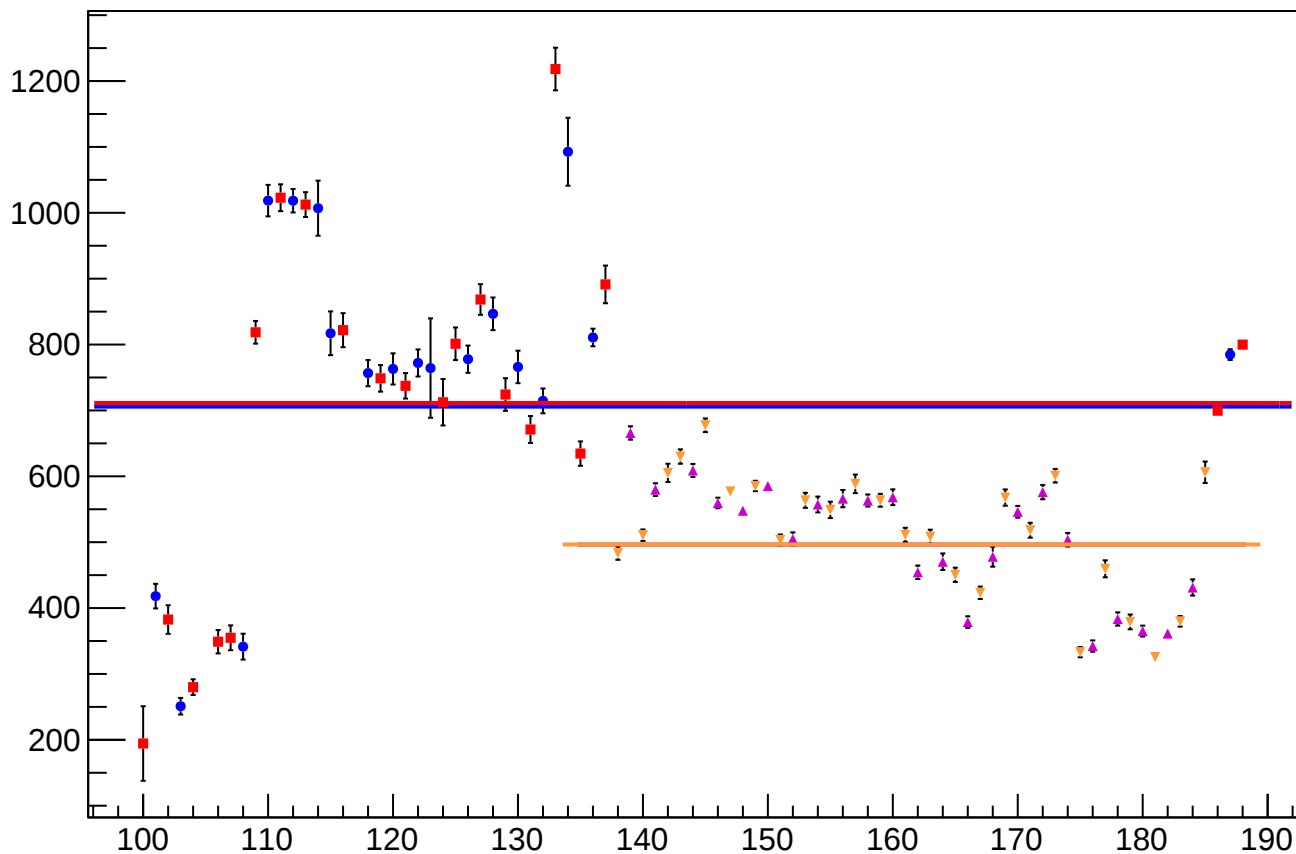
Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

+ sign -6.919 ± 1.294 $\chi^2/\text{NDF}: 1182.8/42$

All: -5.687 ± 0.913 $\chi^2/\text{NDF}: 2311.5/86$

- sign -4.465 ± 1.288 $\chi^2/\text{NDF}: 1126.9/43$

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: 711.298 $\pm$ 3.072 χ^2 /NDF: 3606.1/20

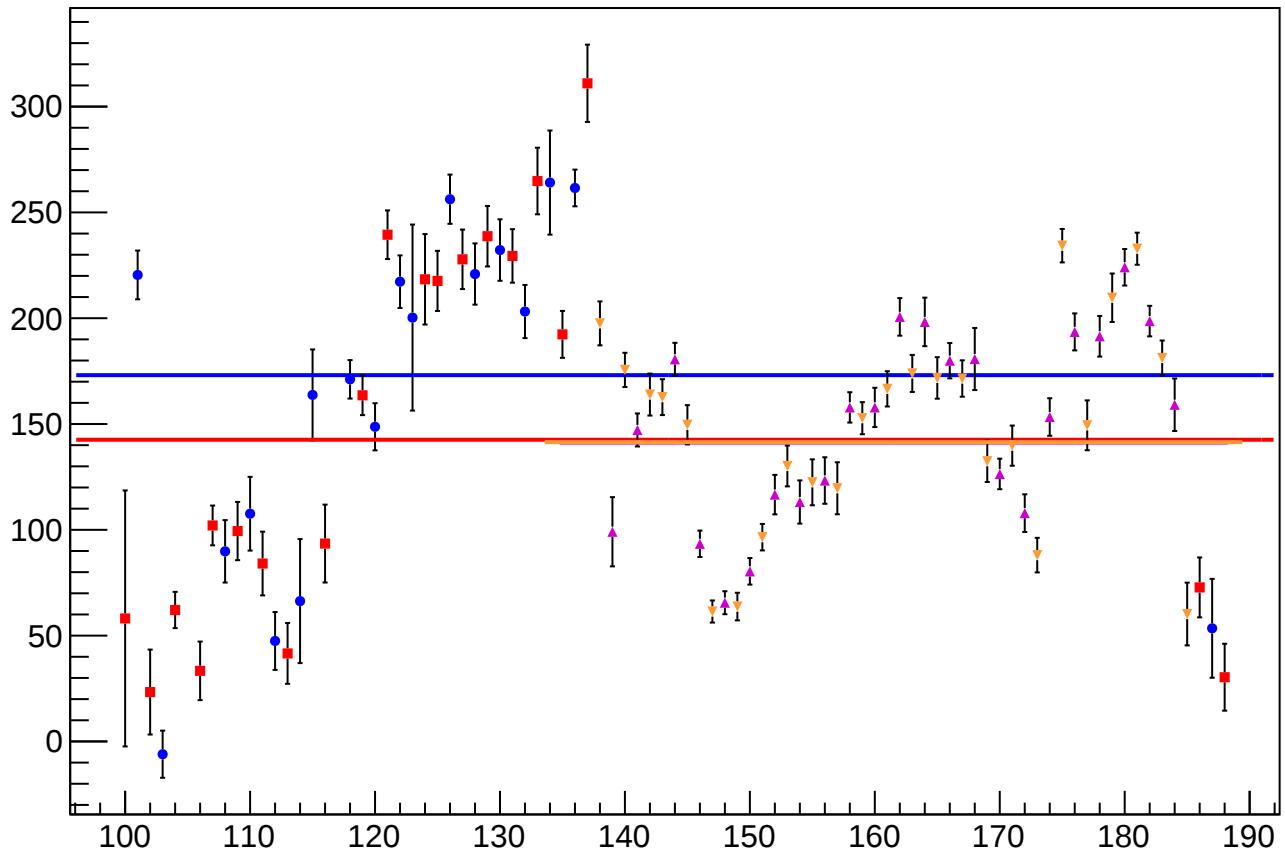
Left In: 496.393 $\pm$ 1.985 χ^2 /NDF:2295.8/22

+ sign 533.014 $\pm$ 1.791 χ^2 /NDF: 7268.4/42

All: 547.311 $\pm$ 1.220 χ^2 /NDF: 16740.7/86

- sign 559.704 $\pm$ 1.668 χ^2 /NDF: 9353.3/43

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: 142.574 $\pm$ 2.926 χ^2 /NDF: 773.7/20

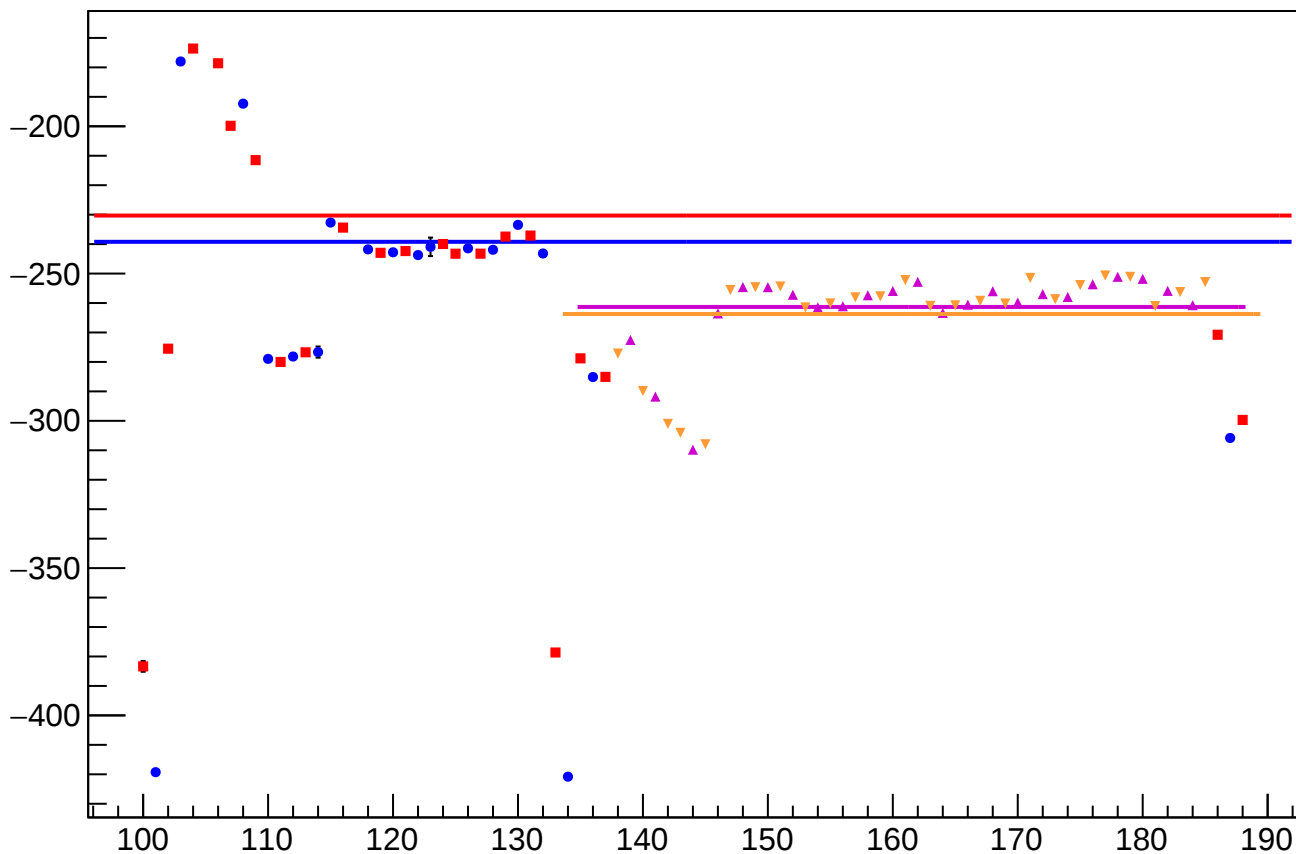
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF:744.2/22

+ sign 148.518 $\pm$ 1.501 χ^2 /NDF: 1700.2/42

All: 145.049 $\pm$ 1.060 χ^2 /NDF: 3228.9/86

- sign 141.596 $\pm$ 1.498 χ^2 /NDF: 1518.1/43

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 $\chi^2/\text{NDF}: 37922.0/24$

Right Out: -230.299 ± 0.147 $\chi^2/\text{NDF}: 113195.2/20$

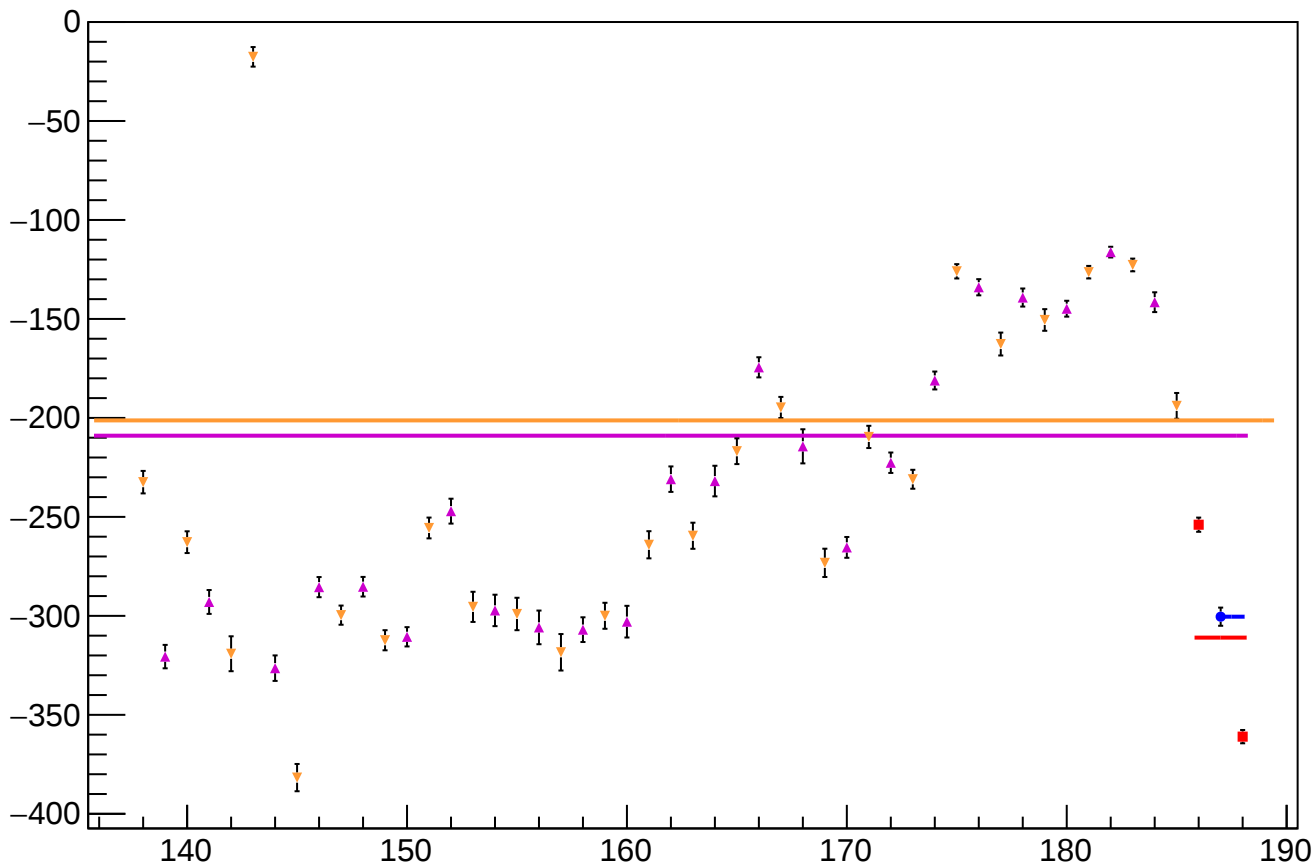
Left In: -261.325 ± 0.082 $\chi^2/\text{NDF}: 23449.2/22$

+ sign -258.625 ± 0.072 $\chi^2/\text{NDF}: 226484.7/42$

All: -256.269 ± 0.051 $\chi^2/\text{NDF}: 399359.9/86$

- sign -253.987 ± 0.071 $\chi^2/\text{NDF}: 170796.3/43$

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: -310.987+/-2.453 χ^2/NDF : 474.1/1

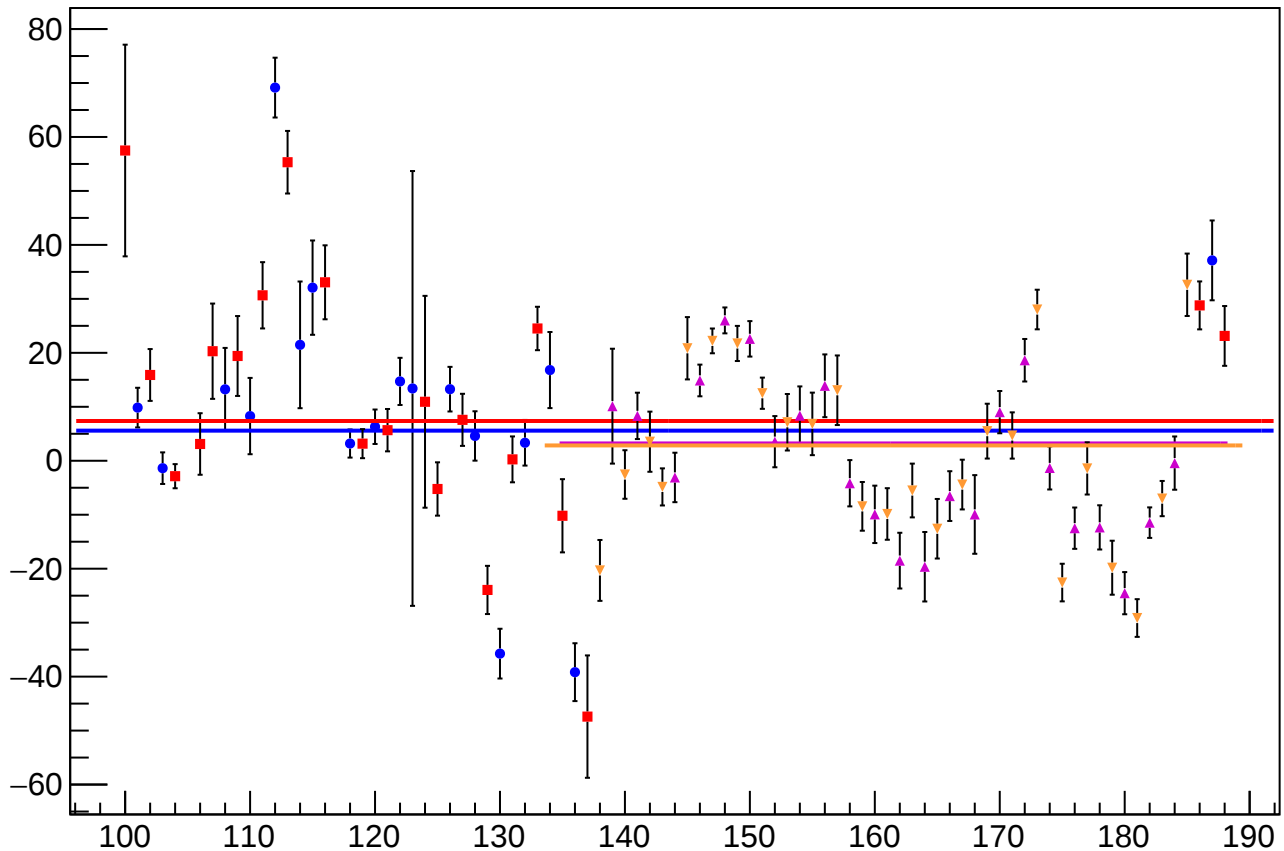
Left In: -208.981+/-1.078 χ^2/NDF : 4865.2/22

+ sign -206.327+/-1.038 χ^2/NDF : 6552.6/25

All: -216.390+/-0.715 χ^2/NDF : 13519.8/50

- sign -225.492+/-0.987 χ^2/NDF : 6788.2/24

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 5.580 ± 1.077 χ^2/NDF : 330.5/17

Left Out: 2.841 ± 0.824 χ^2/NDF : 420.6/24

Right Out: 7.369 ± 1.024 χ^2/NDF : 273.4/20

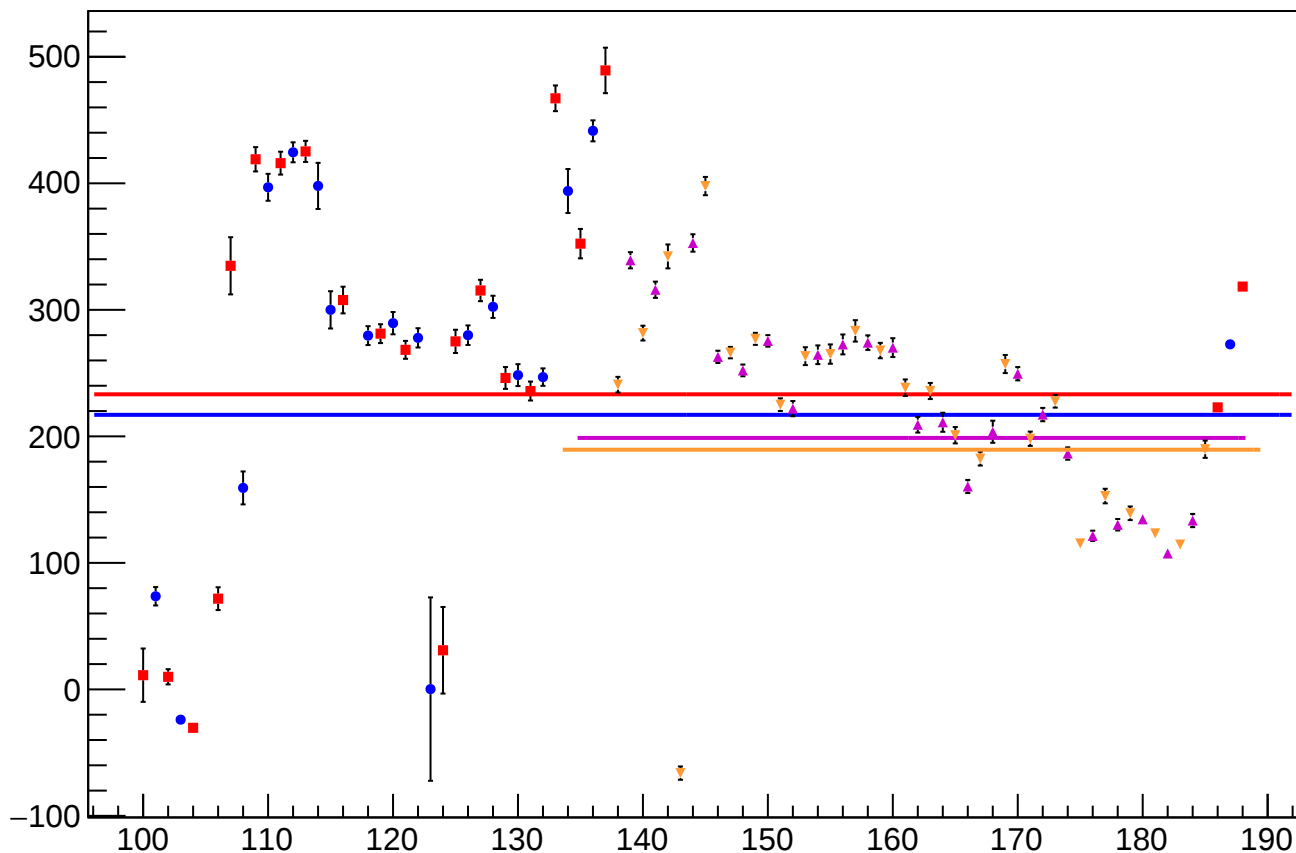
Left In: 3.208 ± 0.854 χ^2/NDF : 323.8/22

+ sign 3.852 ± 0.655 χ^2/NDF : 755.2/42

All: 4.383 ± 0.463 χ^2/NDF : 1363.5/86

- sign 4.917 ± 0.656 χ^2/NDF : 607.0/43

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: 233.233 $\pm$ 1.377 χ^2 /NDF: 9648.4/20

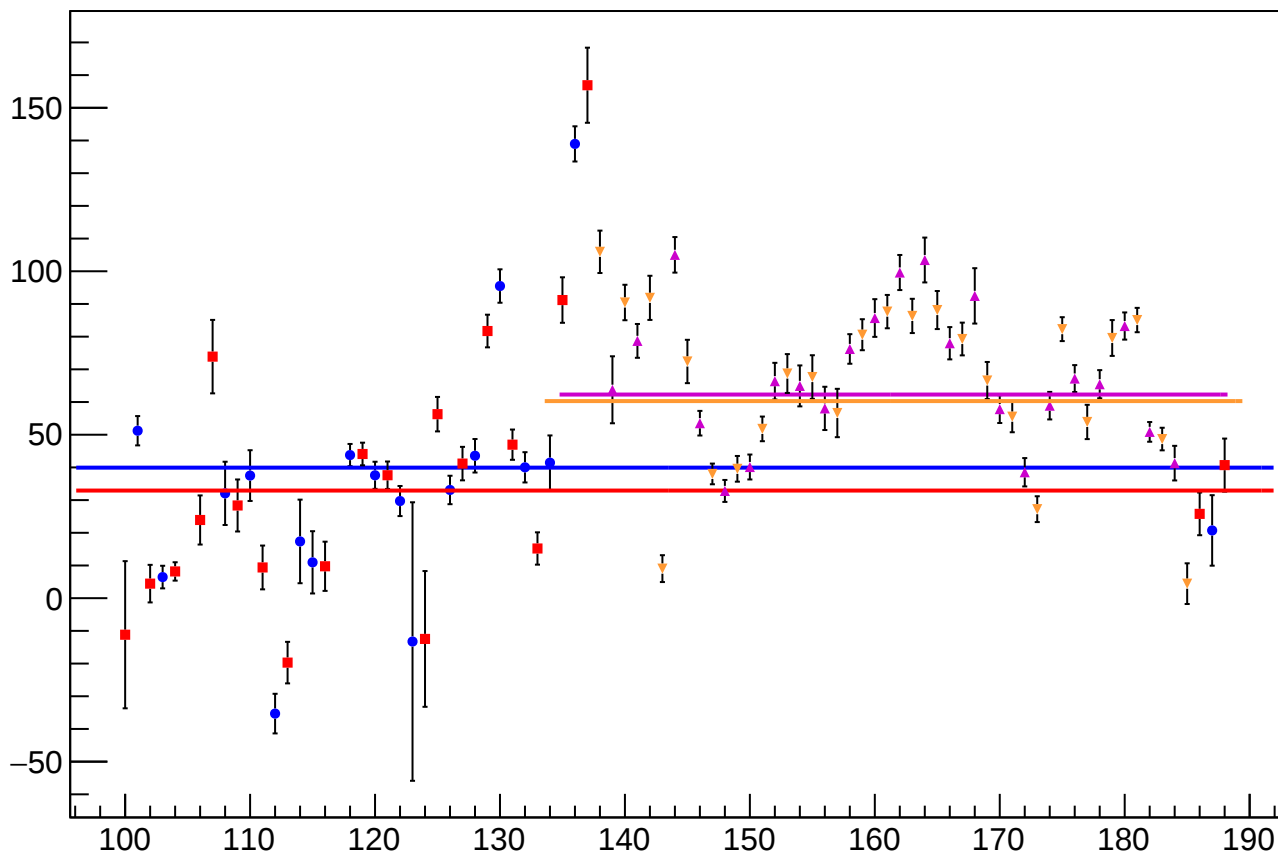
Left In: 198.762 $\pm$ 1.078 χ^2 /NDF:4590.0/22

+ sign 196.970 $\pm$ 0.912 χ^2 /NDF: 13862.6/42

All: 204.951 $\pm$ 0.621 χ^2 /NDF: 28632.4/86

- sign 211.860 $\pm$ 0.849 χ^2 /NDF: 14627.0/43

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: 32.922 ± 1.216 $\chi^2/\text{NDF}: 556.2/20$

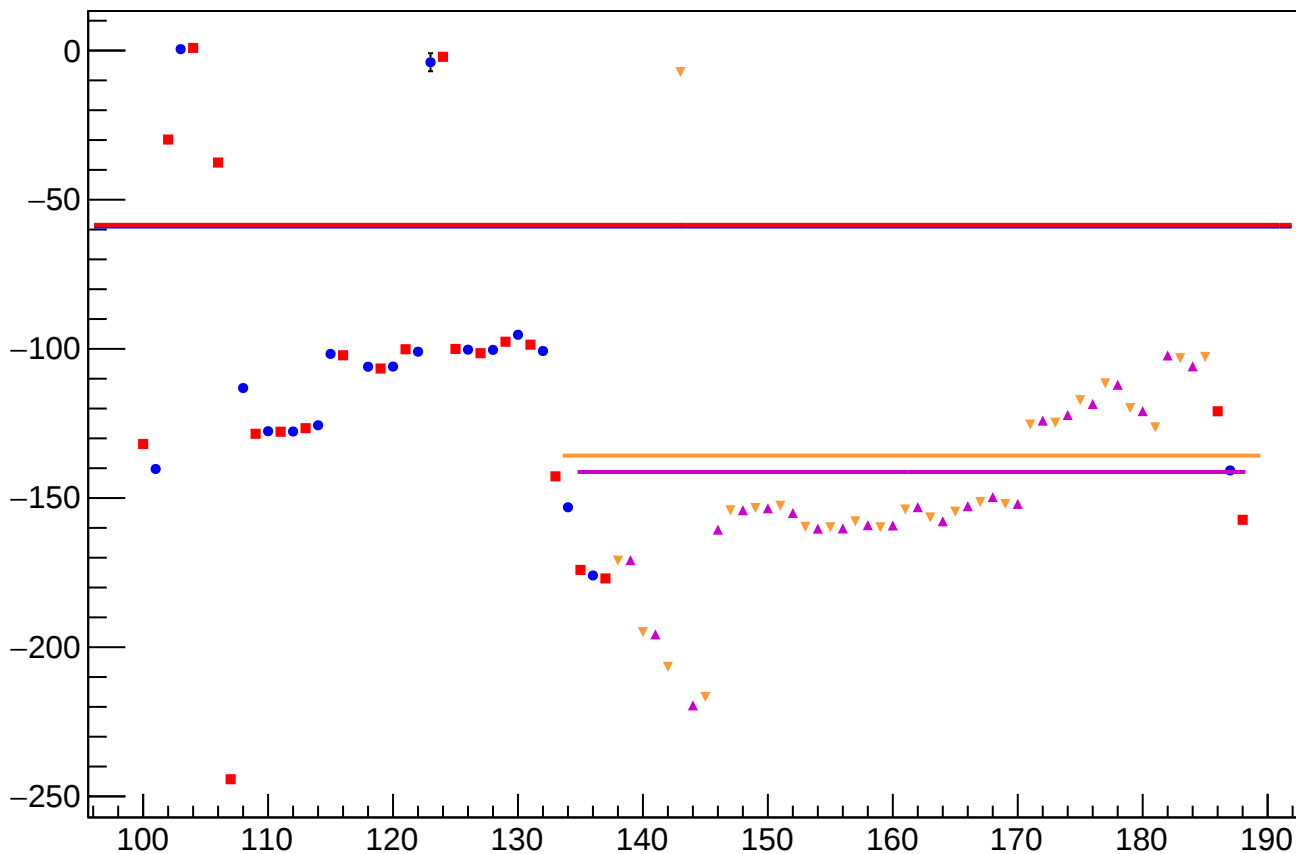
Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

+ sign 52.950 ± 0.756 $\chi^2/\text{NDF}: 1620.2/42$

All: 51.906 ± 0.536 $\chi^2/\text{NDF}: 2947.9/86$

- sign 50.854 ± 0.759 $\chi^2/\text{NDF}: 1323.9/43$

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: -58.425 ± 0.059 $\chi^2/\text{NDF}: 1092373.8/20$

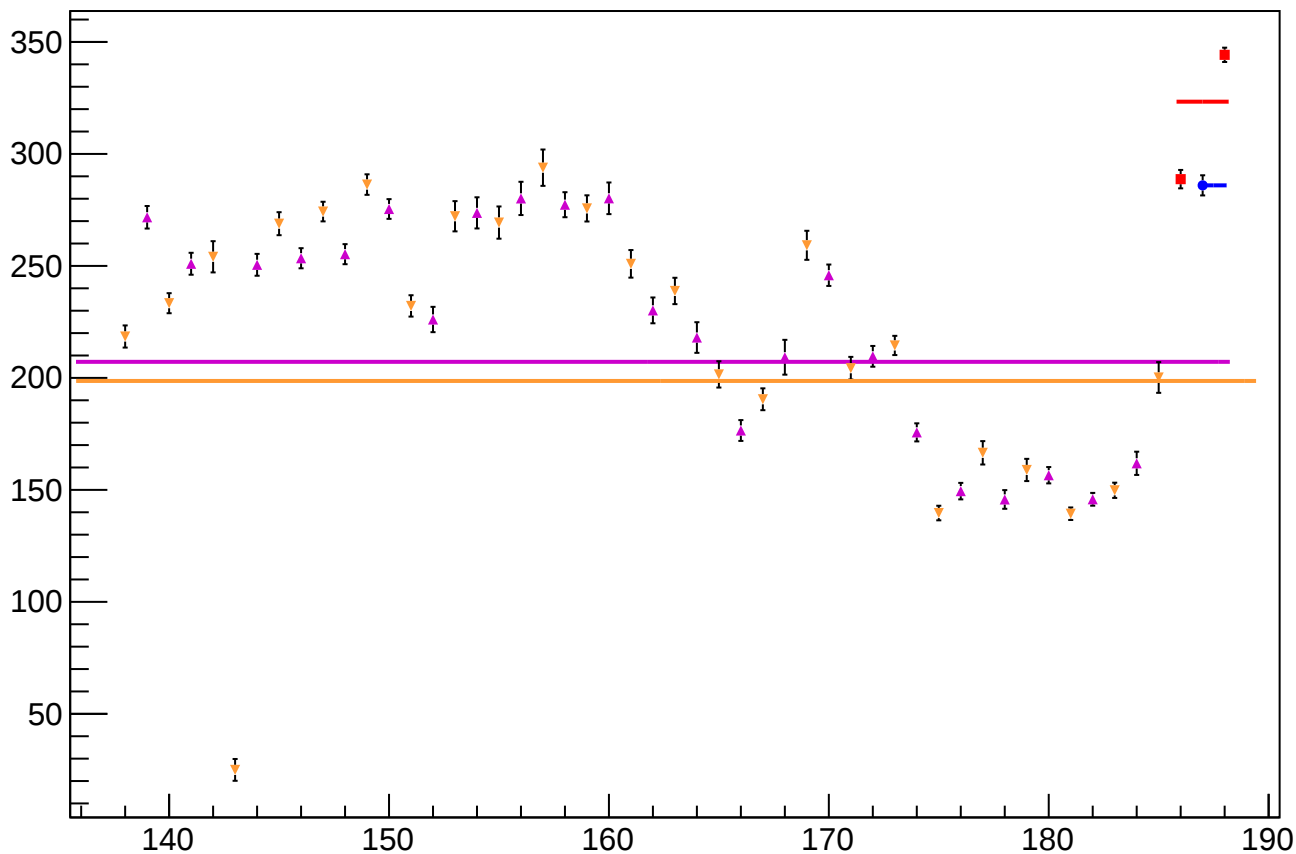
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ sign -109.120 ± 0.036 $\chi^2/\text{NDF}: 2891360.6/42$

All: -109.918 ± 0.025 $\chi^2/\text{NDF}: 5578728.5/86$

- sign -110.704 ± 0.036 $\chi^2/\text{NDF}: 2686397.2/43$

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: 323.332 $\pm$ 2.524 χ^2 /NDF: 113.6/1

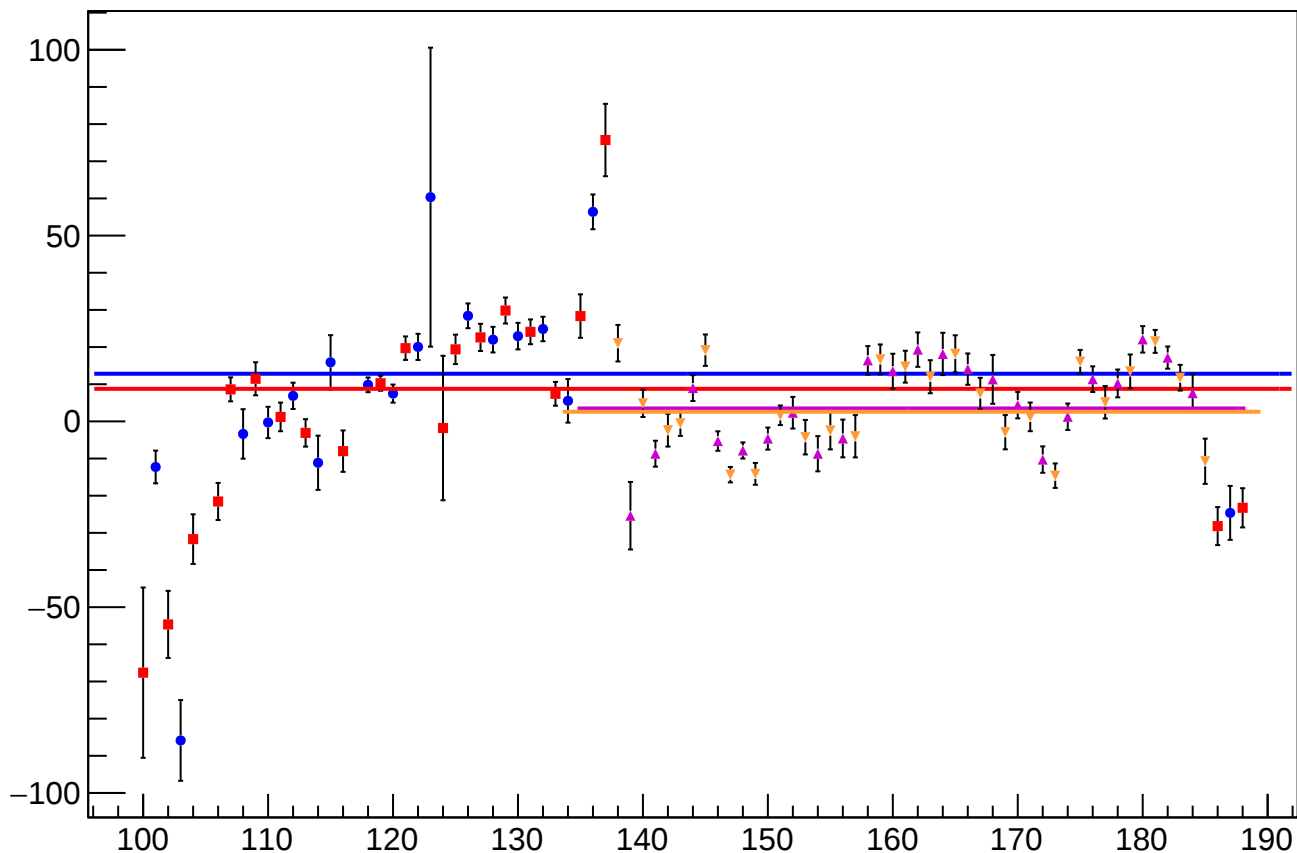
Left In: 207.171 $\pm$ 0.986 χ^2 /NDF:2631.6/22

+ sign 202.488 $\pm$ 0.945 χ^2 /NDF: 4506.9/25

All: 212.804 $\pm$ 0.658 χ^2 /NDF: 9322.3/50

- sign 222.556 $\pm$ 0.918 χ^2 /NDF: 4583.4/24

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: 8.759 ± 0.889 $\chi^2/\text{NDF}: 397.0/20$

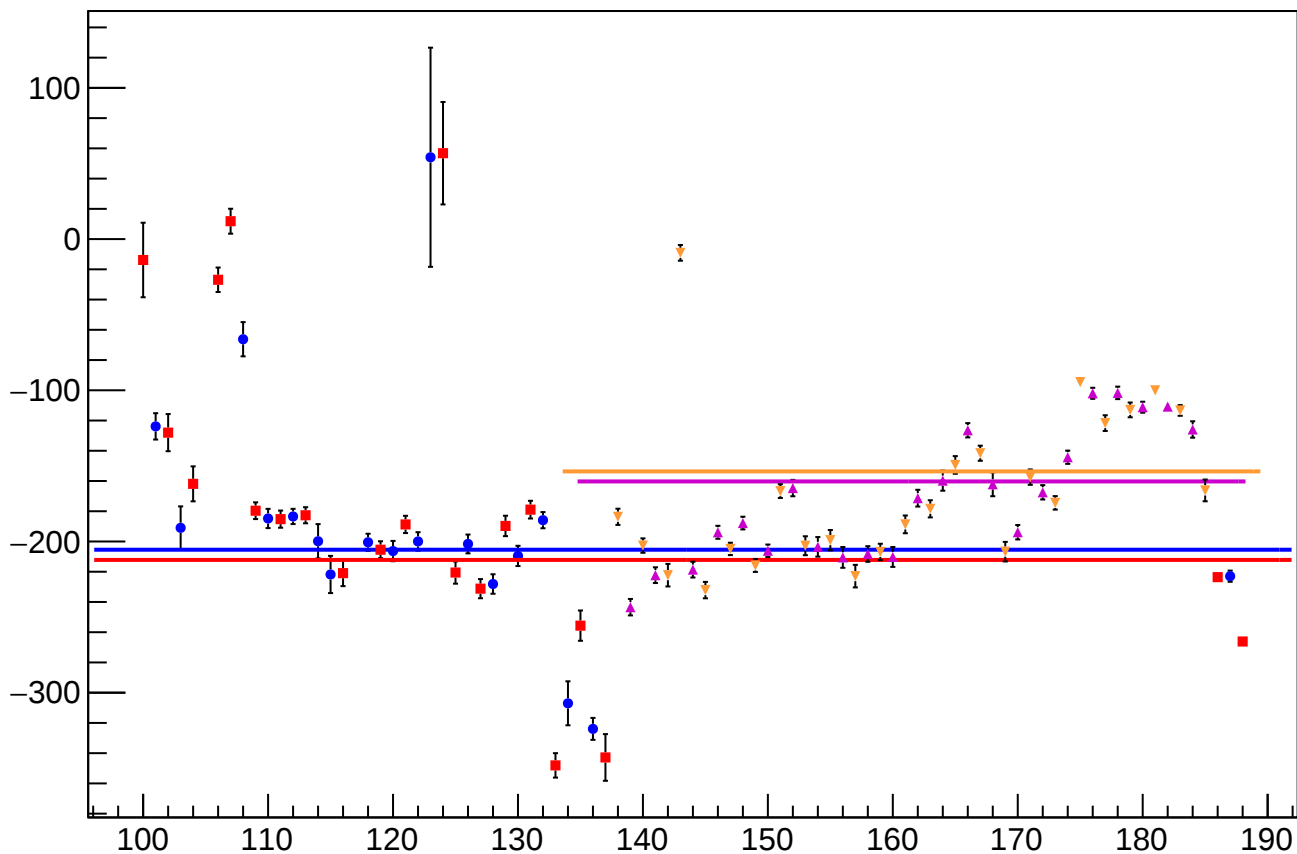
Left In: 3.478 ± 0.772 $\chi^2/\text{NDF}: 194.7/22$

+ sign 6.680 ± 0.577 $\chi^2/\text{NDF}: 672.1/42$

All: 6.219 ± 0.410 $\chi^2/\text{NDF}: 1285.2/86$

- sign 5.748 ± 0.583 $\chi^2/\text{NDF}: 611.8/43$

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: -212.193 ± 1.303 χ^2/NDF : 2440.3/20

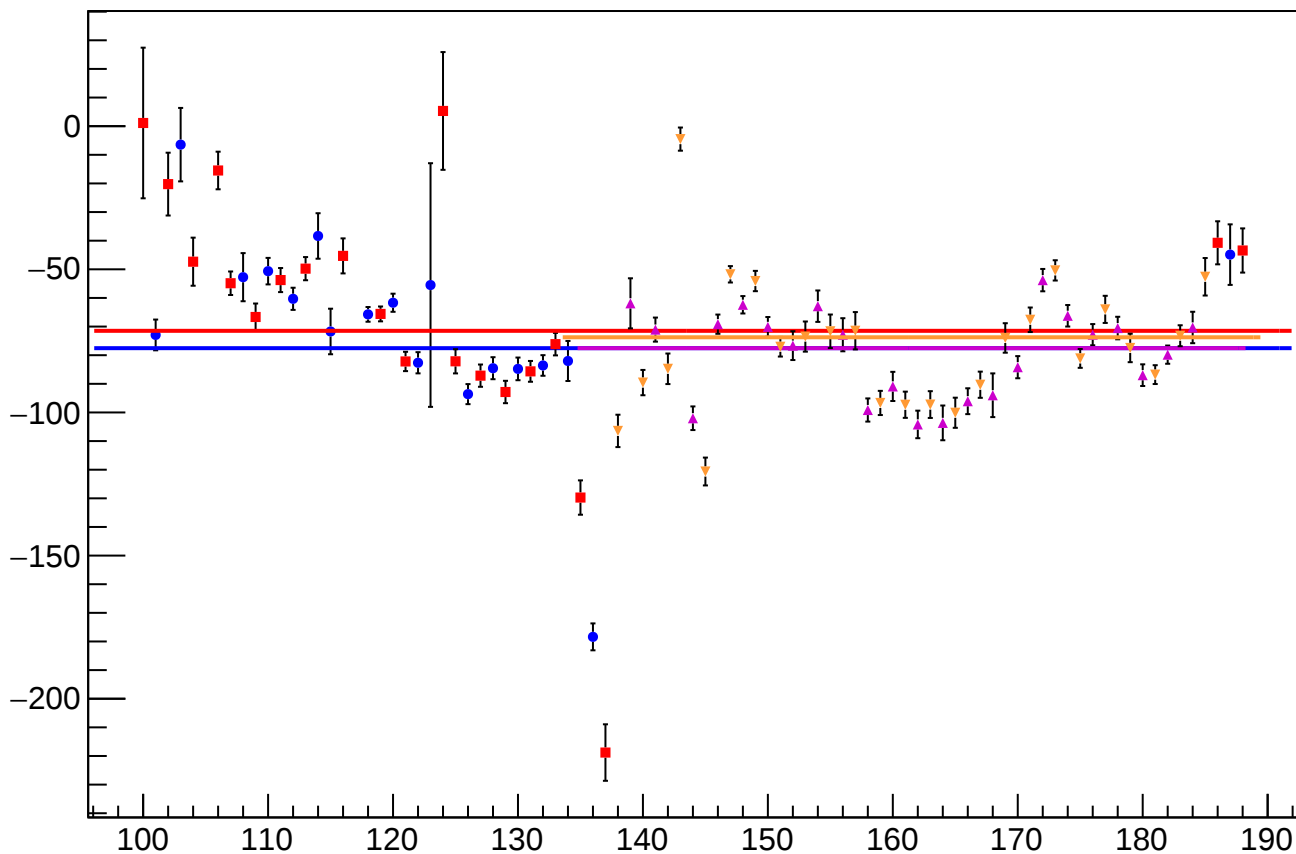
Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

+ sign -167.523 ± 0.830 χ^2/NDF : 4345.9/42

All: -173.653 ± 0.571 χ^2/NDF : 9949.1/86

- sign -179.150 ± 0.786 χ^2/NDF : 5499.6/43

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: -71.485 ± 1.034 χ^2/NDF : 637.9/20

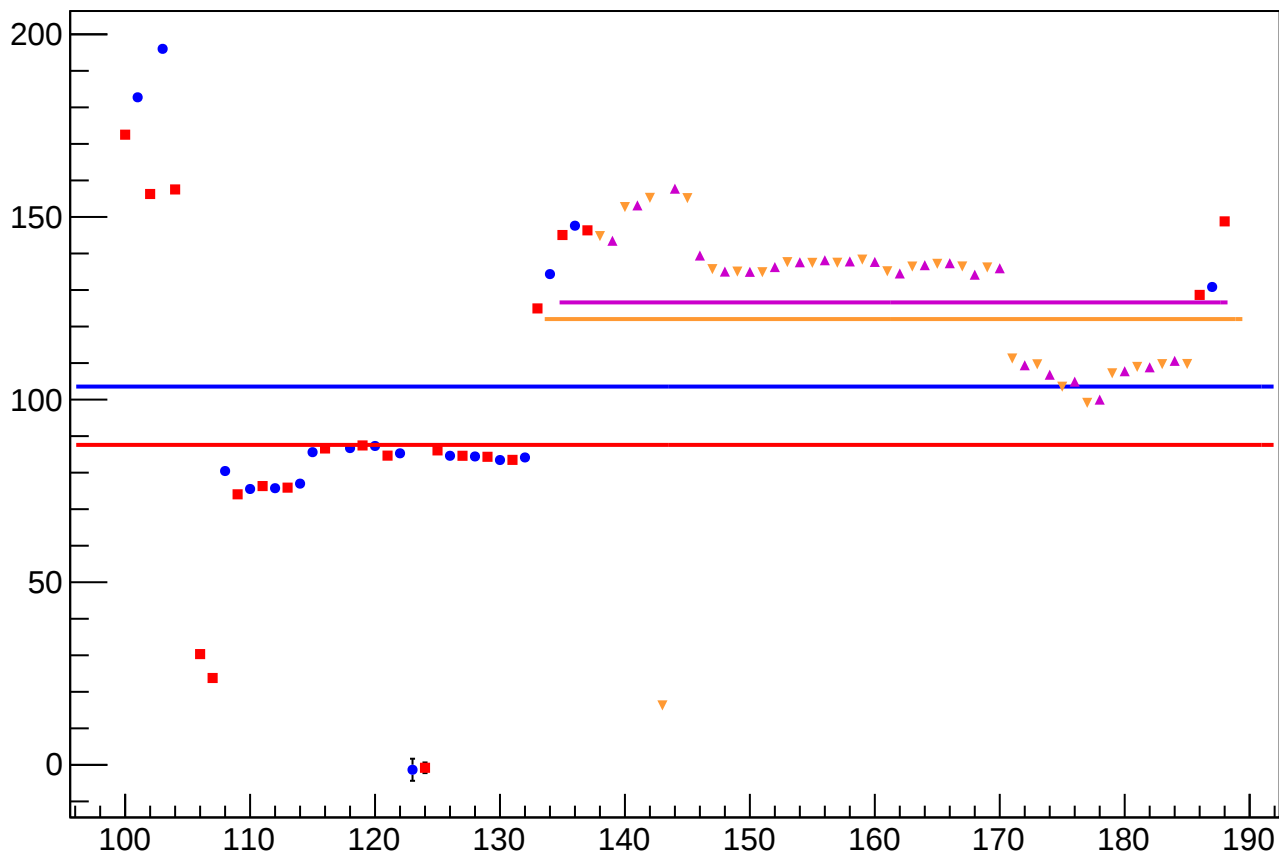
Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

+ sign -75.239 ± 0.665 χ^2/NDF : 1403.9/42

All: -75.121 ± 0.472 χ^2/NDF : 2314.6/86

- sign -75.000 ± 0.670 χ^2/NDF : 910.6/43

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.569 ± 0.070 $\chi^2/\text{NDF}: 275715.4/17$

Left Out: 122.046 ± 0.040 $\chi^2/\text{NDF}: 437985.3/24$

Right Out: 87.600 ± 0.062 $\chi^2/\text{NDF}: 459427.9/20$

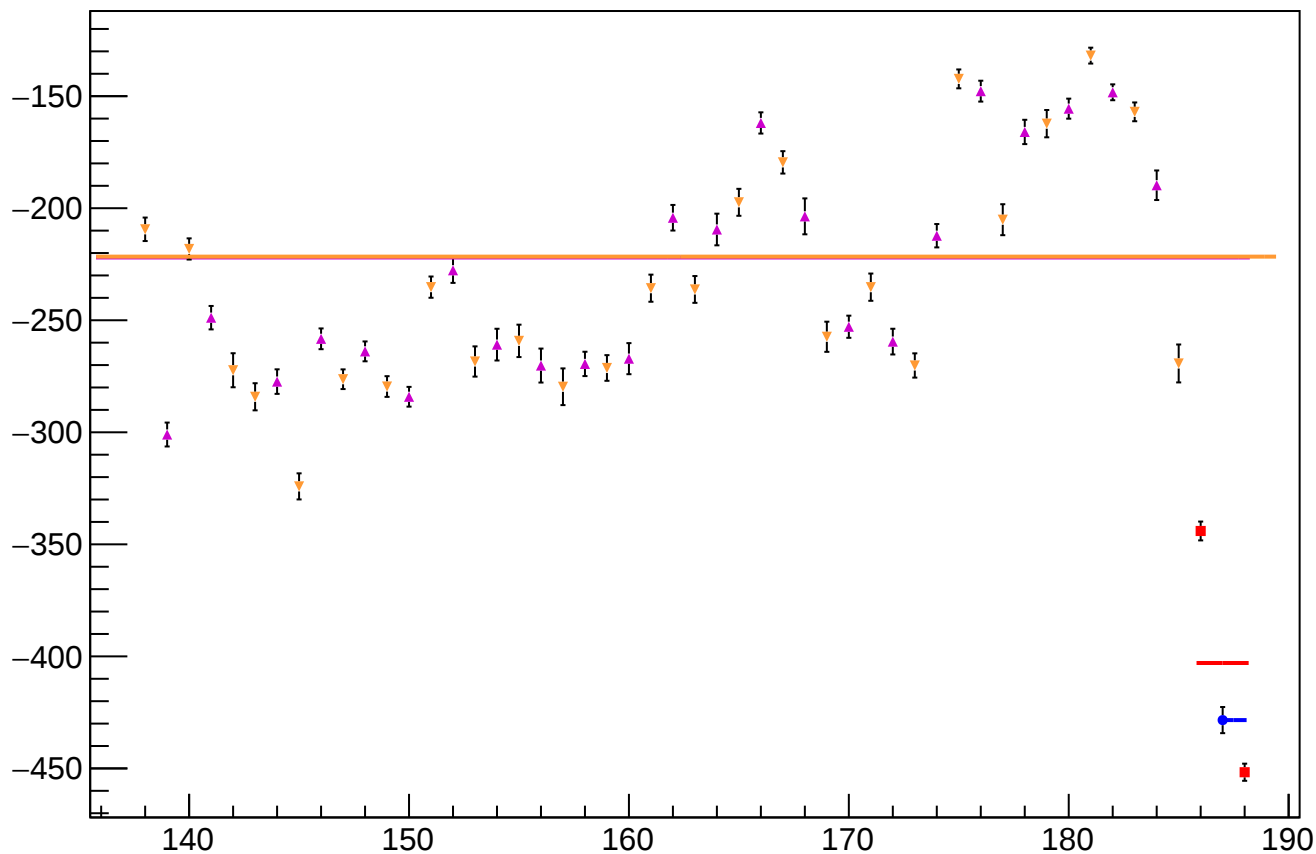
Left In: 126.605 ± 0.041 $\chi^2/\text{NDF}: 164757.9/22$

+ sign 117.409 ± 0.035 $\chi^2/\text{NDF}: 766117.2/42$

All: 116.110 ± 0.024 $\chi^2/\text{NDF}: 1666774.2/86$

- sign 114.869 ± 0.034 $\chi^2/\text{NDF}: 897961.7/43$

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: -402.953 ± 2.829 χ^2/NDF : 358.9/1

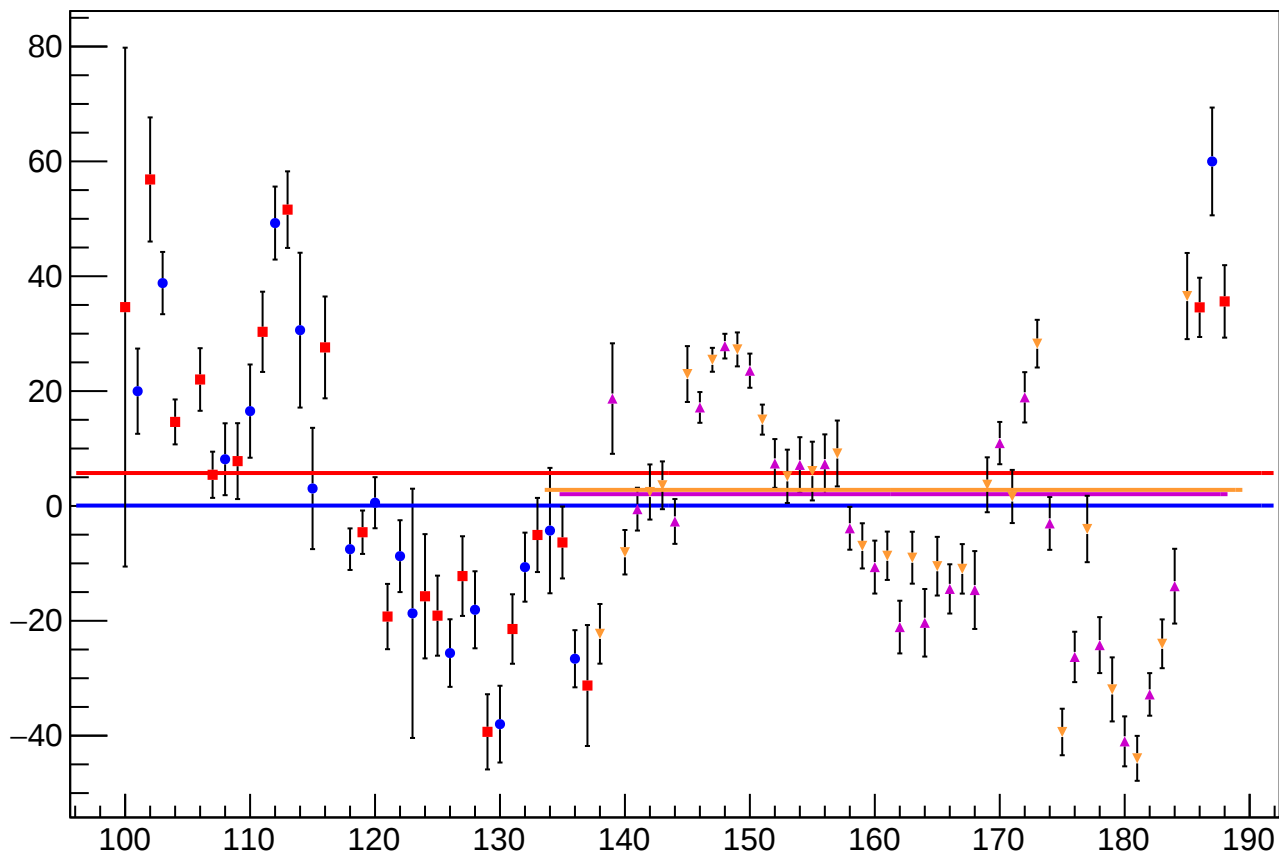
Left In: -221.980 ± 1.098 χ^2/NDF : 2190.6/22

+ sign -228.554 ± 1.069 χ^2/NDF : 3781.3/25

All: -237.487 ± 0.739 χ^2/NDF : 10021.8/50

- sign -245.681 ± 1.024 χ^2/NDF : 6106.5/24

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 0.067 $\pm$ 1.494 χ^2/NDF : 267.9/17

Left Out: 2.800 $\pm$ 0.810 χ^2/NDF :685.5/24

Right Out: 5.733 $\pm$ 1.323 χ^2/NDF : 292.9/20

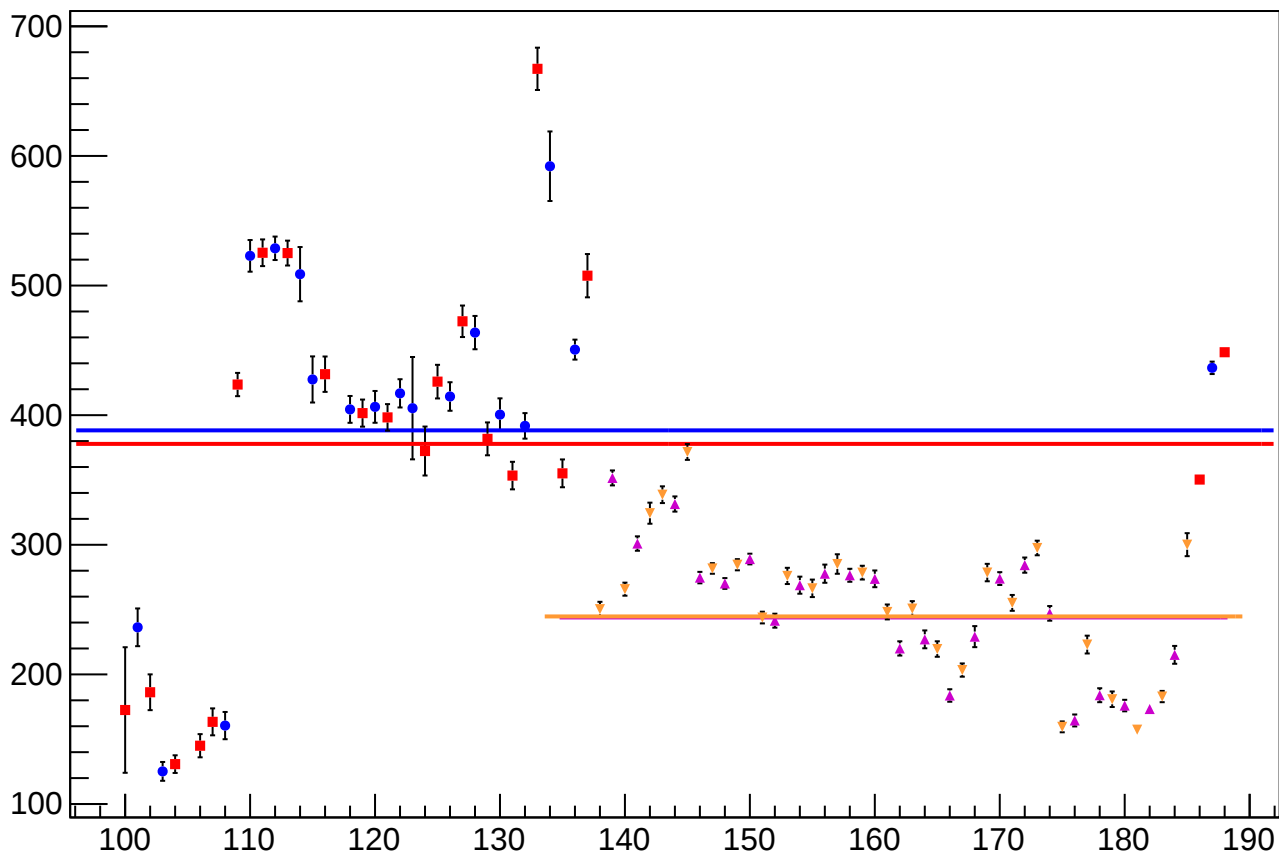
Left In: 2.050 $\pm$ 0.833 χ^2/NDF :592.6/22

+ sign 2.179 $\pm$ 0.712 χ^2/NDF : 956.1/42

All: 2.642 $\pm$ 0.501 χ^2/NDF : 1848.0/86

- sign 3.095 $\pm$ 0.705 χ^2/NDF : 891.1/43

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: 377.840 $\pm$ 1.699 χ^2 /NDF: 4172.2/20

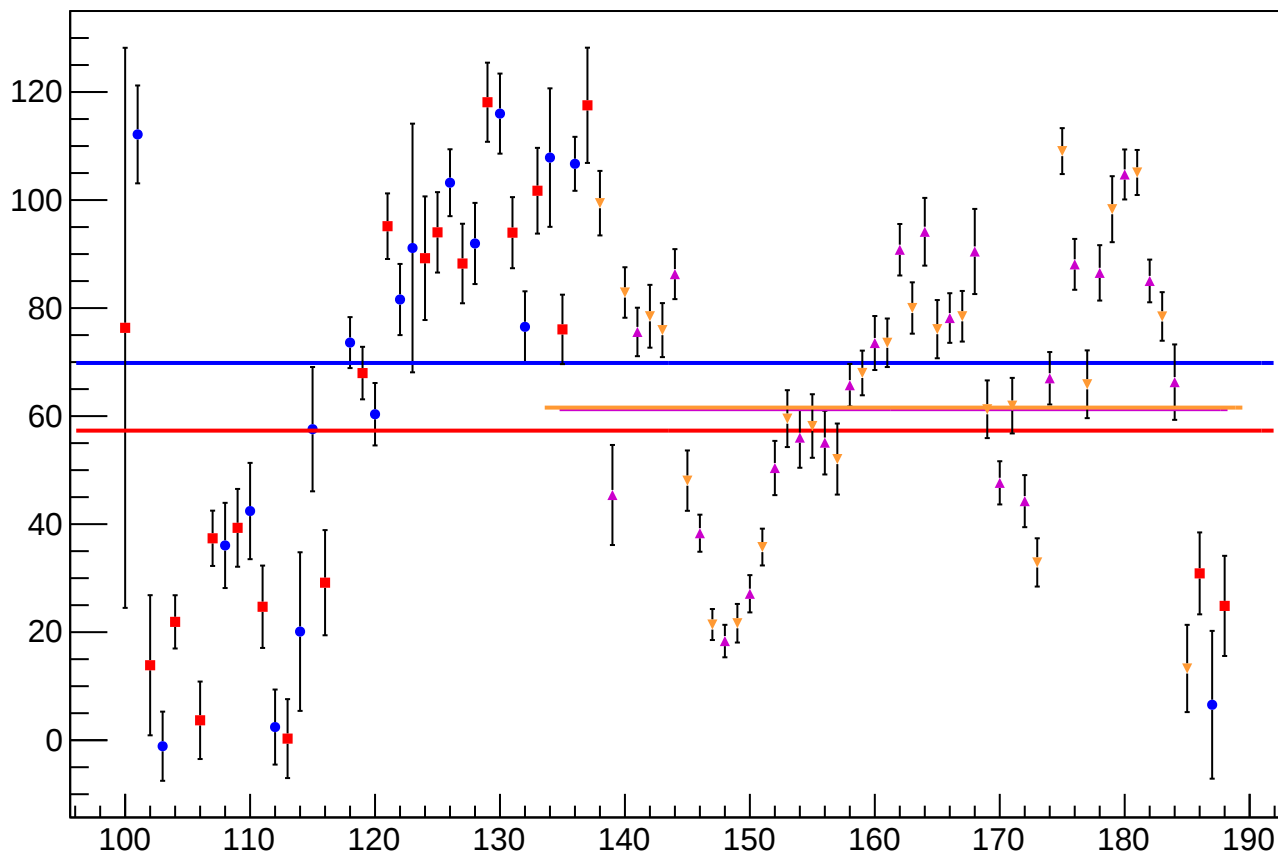
Left In: 243.933 $\pm$ 1.090 χ^2 /NDF: 2294.8/22

+ sign 269.210 $\pm$ 0.988 χ^2 /NDF: 8123.4/42

All: 276.598 $\pm$ 0.672 χ^2 /NDF: 19094.3/86

- sign 282.974 $\pm$ 0.917 χ^2 /NDF: 10866.6/43

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: 57.314 $\pm$ 1.573 χ^2 /NDF: 517.1/20

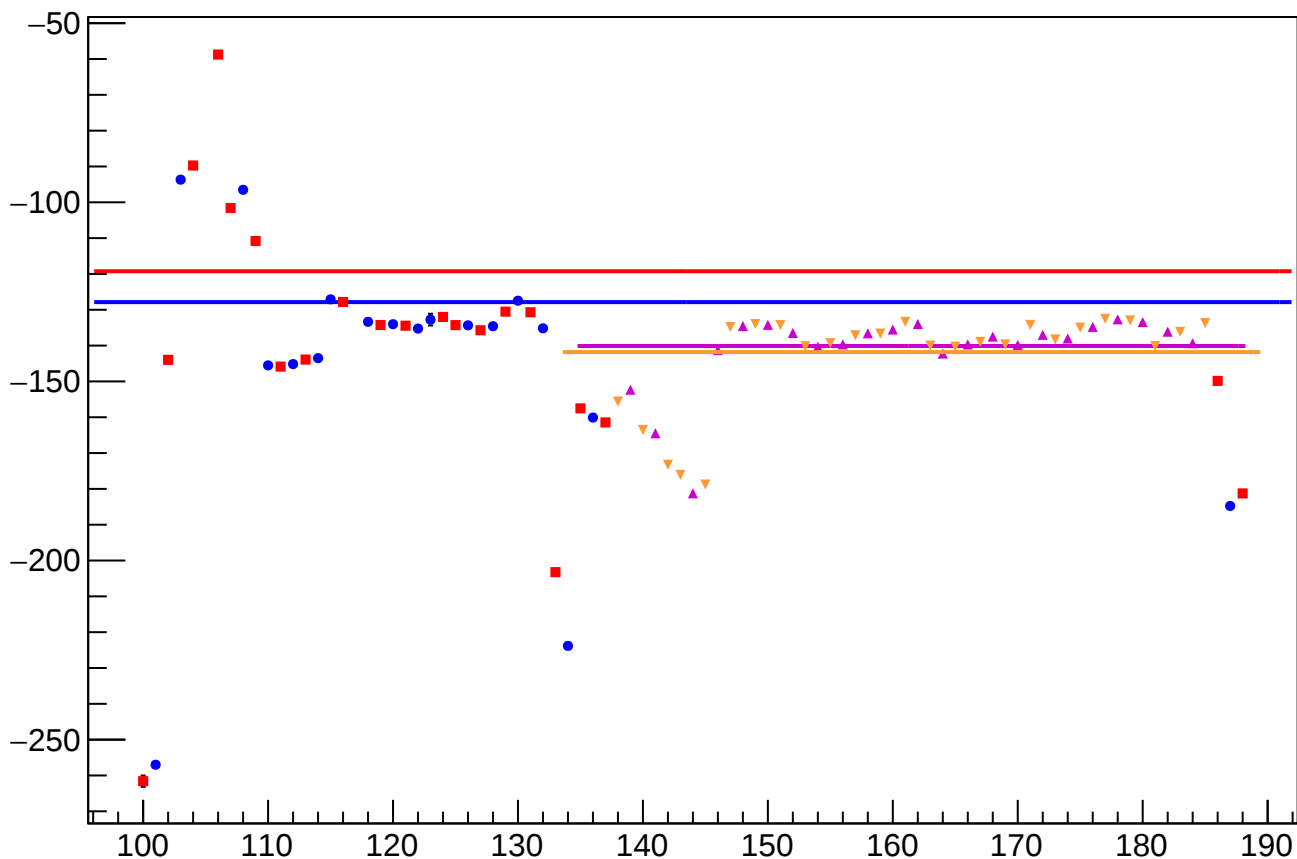
Left In: 61.286 $\pm$ 0.959 χ^2 /NDF: 702.8/22

+ sign 63.457 $\pm$ 0.825 χ^2 /NDF: 1336.6/42

All: 61.821 $\pm$ 0.581 χ^2 /NDF: 2569.0/86

- sign 60.210 $\pm$ 0.819 χ^2 /NDF: 1224.6/43

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.863 $\pm$ 0.089 χ^2 /NDF: 172531.2/17

Left Out: -141.811 $\pm$ 0.045 χ^2 /NDF: 77727.6/24

Right Out: -119.242 $\pm$ 0.081 χ^2 /NDF: 191472.2/20

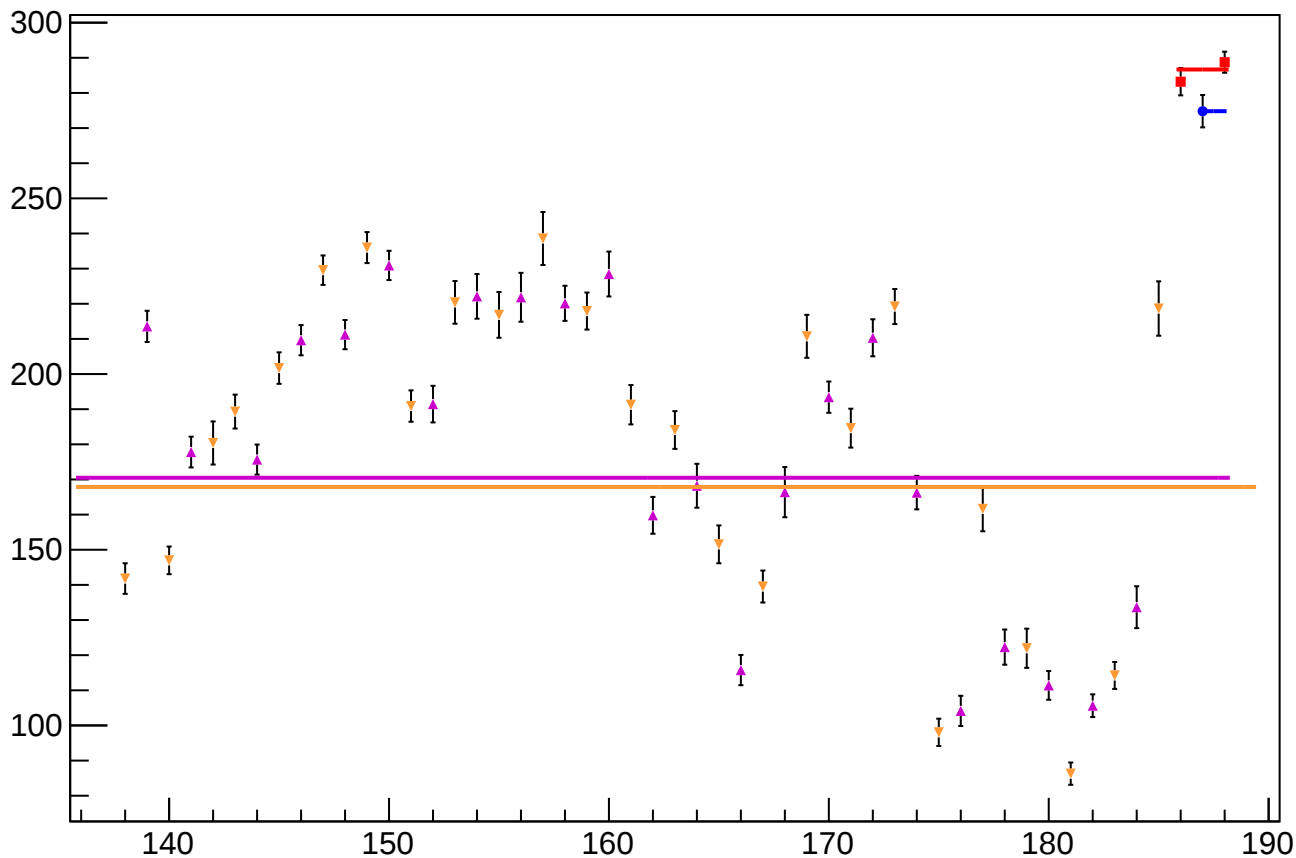
Left In: -140.112 $\pm$ 0.045 χ^2 /NDF: 48400.6/22

+ sign -138.982 $\pm$ 0.040 χ^2 /NDF: 269908.1/42

All: -137.043 $\pm$ 0.028 χ^2 /NDF: 565575.7/86

- sign -135.182 $\pm$ 0.039 χ^2 /NDF: 291062.4/43

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: 286.676 $\pm$ 2.374 χ^2 /NDF: 1.3/1

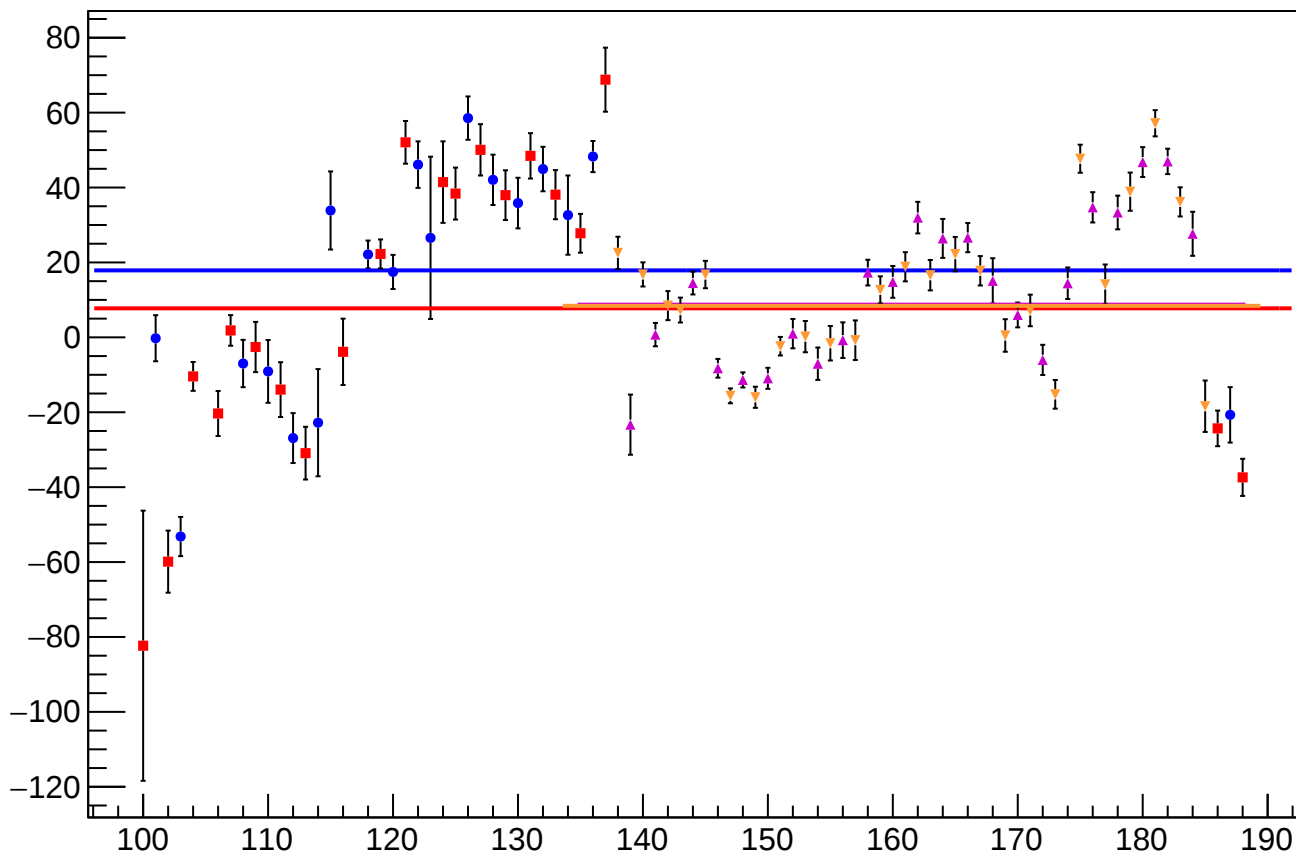
Left In: 170.487 $\pm$ 0.991 χ^2 /NDF:2036.5/22

+ sign 172.448 $\pm$ 0.952 χ^2 /NDF: 2982.3/25

All: 180.402 $\pm$ 0.660 χ^2 /NDF: 7194.4/50

- sign 187.739 $\pm$ 0.915 χ^2 /NDF: 4078.0/24

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 17.874 $\pm$ 1.451 χ^2 /NDF: 469.3/17

Left Out: 8.415 $\pm$ 0.731 χ^2 /NDF: 750.6/24

Right Out: 7.745 $\pm$ 1.290 χ^2 /NDF: 585.5/20

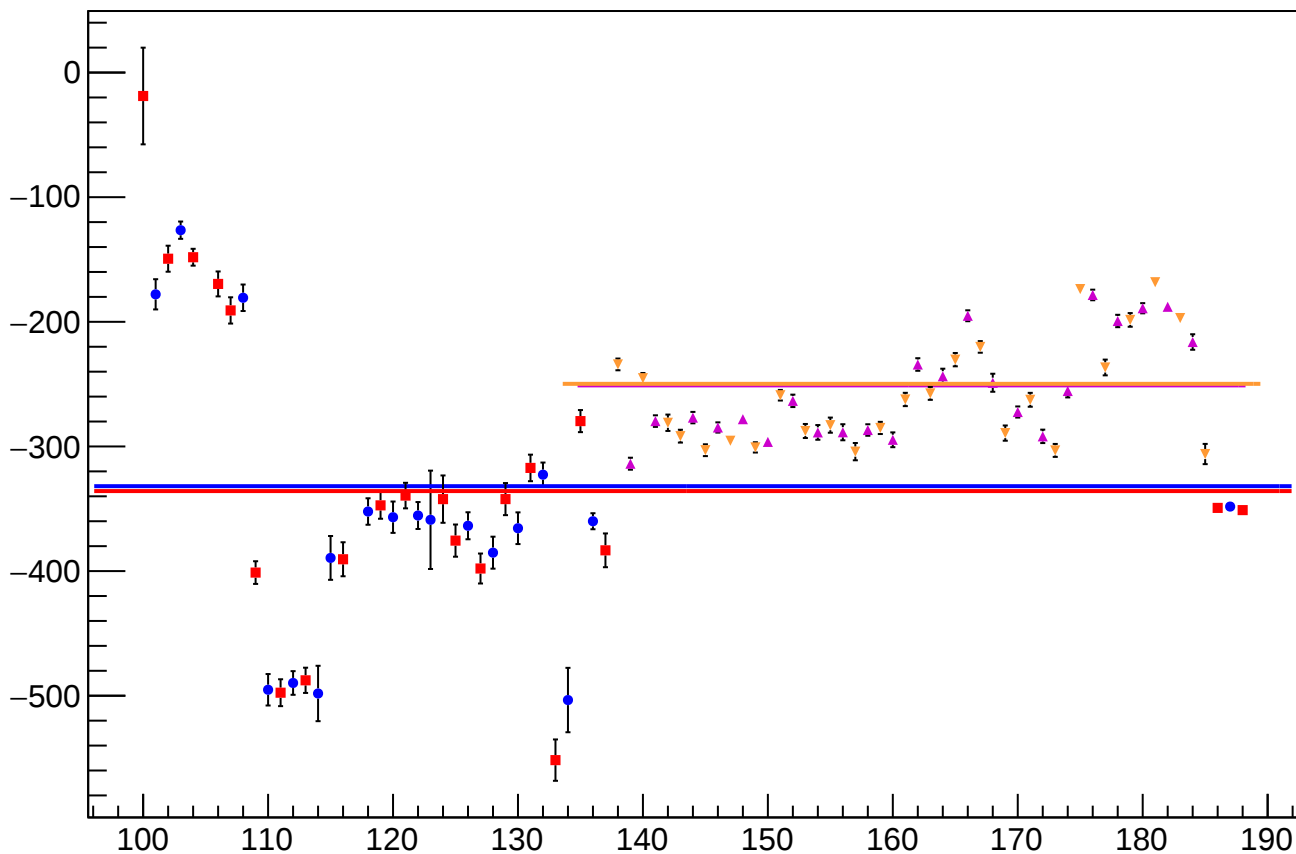
Left In: 8.730 $\pm$ 0.757 χ^2 /NDF: 630.1/22

+ sign 10.330 $\pm$ 0.653 χ^2 /NDF: 1253.8/42

All: 9.403 $\pm$ 0.462 χ^2 /NDF: 2473.8/86

- sign 8.478 $\pm$ 0.653 χ^2 /NDF: 1216.0/43

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -331.876 ± 2.180 χ^2/NDF : 1878.8/17

Left Out: -249.759 ± 0.975 χ^2/NDF : 2232.5/24

Right Out: -335.805 ± 1.521 χ^2/NDF : 2461.7/20

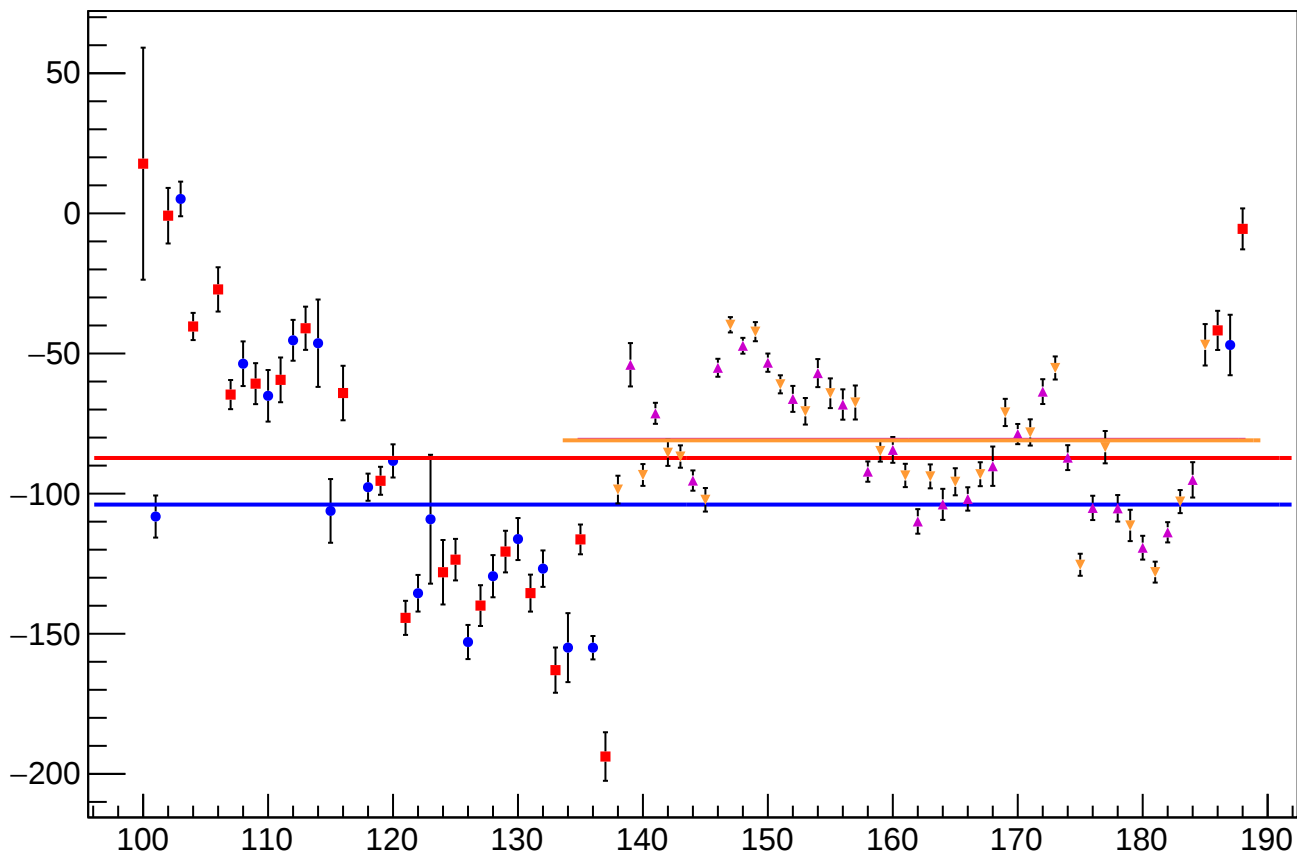
Left In: -251.002 ± 0.987 χ^2/NDF : 1958.3/22

+ sign -263.454 ± 0.890 χ^2/NDF : 5294.0/42

All: -270.251 ± 0.606 χ^2/NDF : 12011.1/86

- sign -276.128 ± 0.828 χ^2/NDF : 6608.4/43

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: -87.281 ± 1.535 χ^2/NDF : 1009.9/20

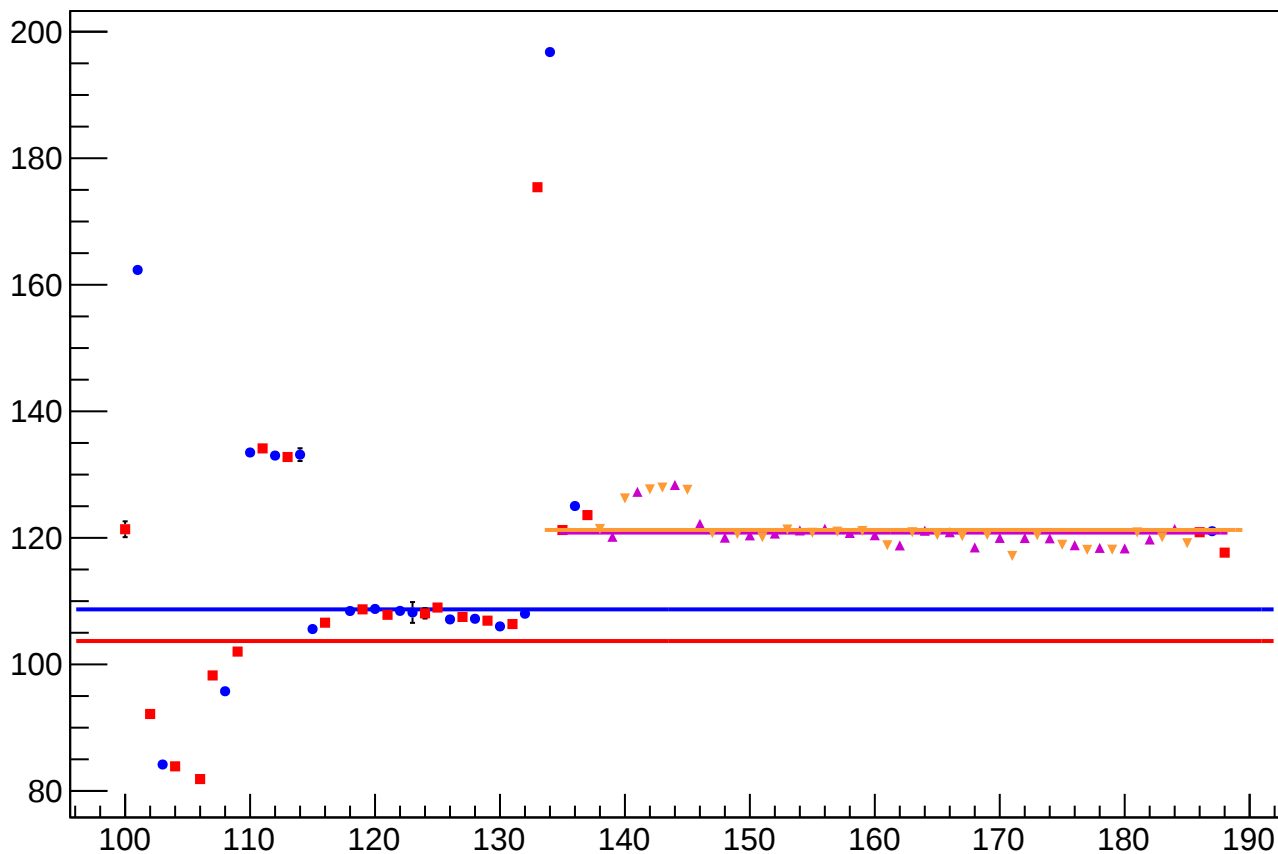
Left In: -80.803 ± 0.870 χ^2/NDF : 695.4/22

+ sign -85.651 ± 0.755 χ^2/NDF : 1826.8/42

All: -84.018 ± 0.534 χ^2/NDF : 3555.0/86

- sign -82.377 ± 0.757 χ^2/NDF : 1718.8/43

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: 103.694 $\pm$ 0.077 χ^2 /NDF: 56048.0/20

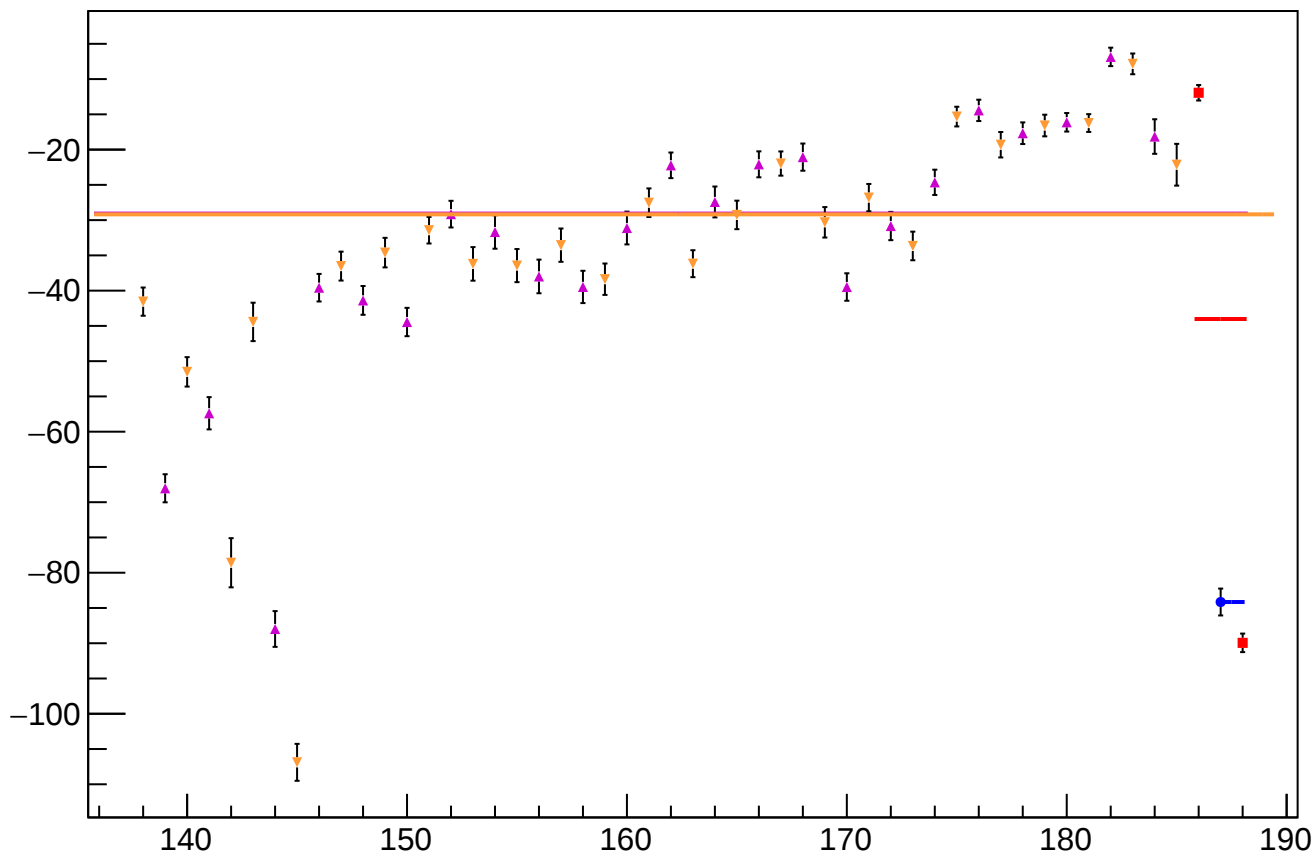
Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

+ sign 118.904 $\pm$ 0.036 χ^2 /NDF: 96727.4/42

All: 117.986 $\pm$ 0.025 χ^2 /NDF: 196500.3/86

- sign 117.091 $\pm$ 0.036 χ^2 /NDF: 98508.3/43

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: -44.022 ± 0.842 $\chi^2/\text{NDF}: 2075.9/1$

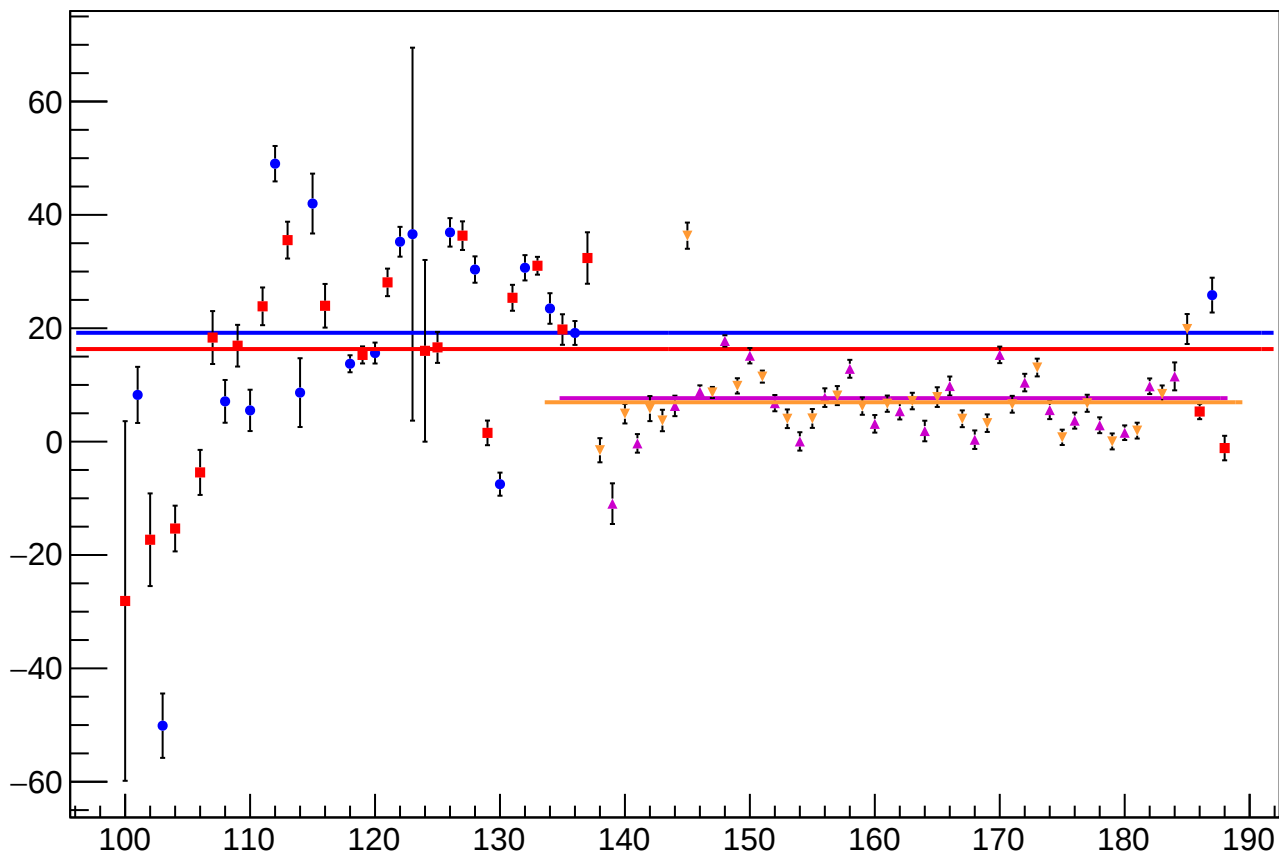
Left In: -29.073 ± 0.394 $\chi^2/\text{NDF}: 1872.4/22$

+ sign -31.383 ± 0.381 $\chi^2/\text{NDF}: 2679.1/25$

All: -31.581 ± 0.261 $\chi^2/\text{NDF}: 6886.3/50$

- sign -31.754 ± 0.357 $\chi^2/\text{NDF}: 4206.7/24$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 19.198 $\pm$ 0.630 χ^2 /NDF: 623.8/17

Left Out: 6.943 $\pm$ 0.304 χ^2 /NDF:322.6/24

Right Out: 16.330 $\pm$ 0.561 χ^2 /NDF: 537.0/20

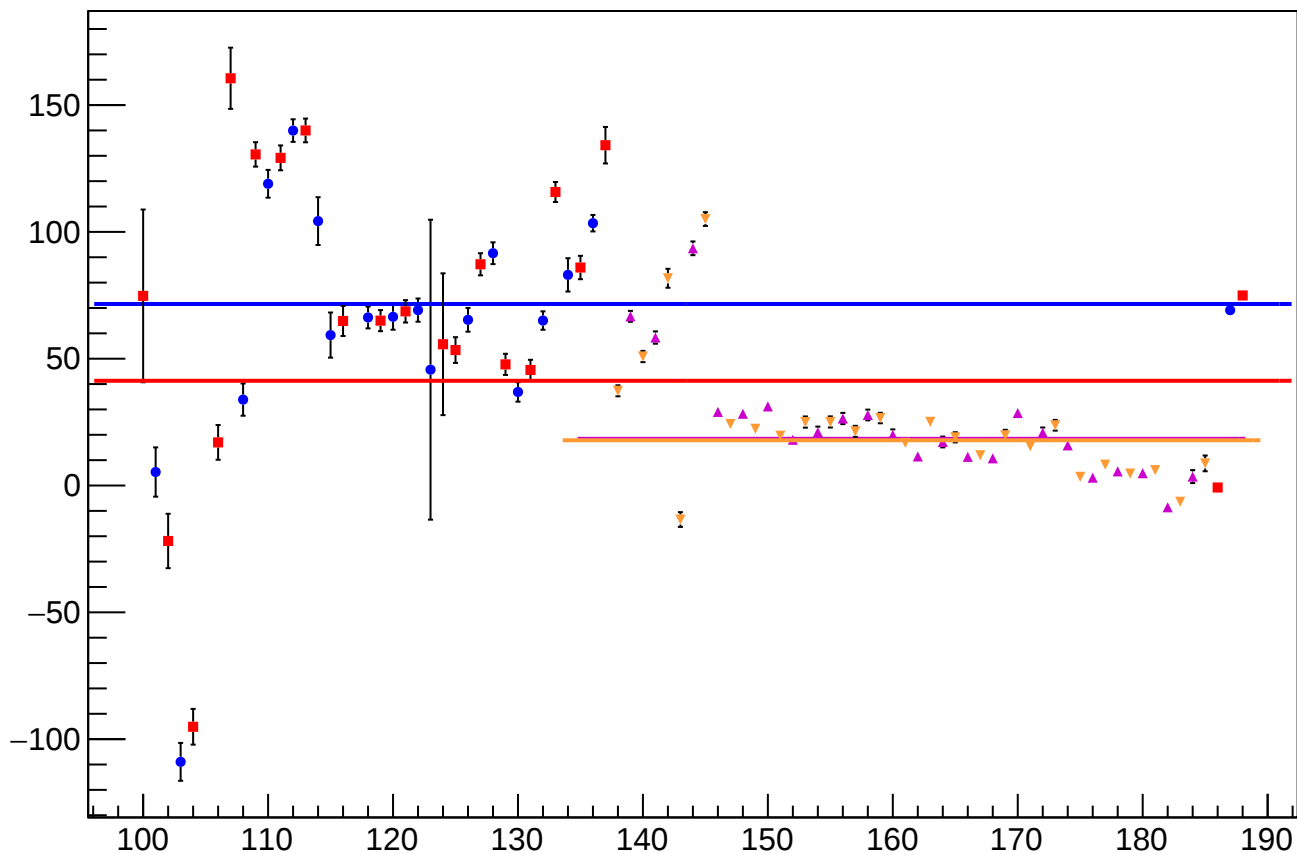
Left In: 7.666 $\pm$ 0.313 χ^2 /NDF:341.1/22

+ sign 9.254 $\pm$ 0.274 χ^2 /NDF: 1253.7/42

All: 9.487 $\pm$ 0.193 χ^2 /NDF: 2315.2/86

- sign 9.720 $\pm$ 0.273 χ^2 /NDF: 1060.1/43

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 71.571 ± 0.966 χ^2/NDF : 1203.9/17

Left Out: 17.841 ± 0.388 χ^2/NDF : 2399.7/24

Right Out: 41.301 ± 0.592 χ^2/NDF : 5758.9/20

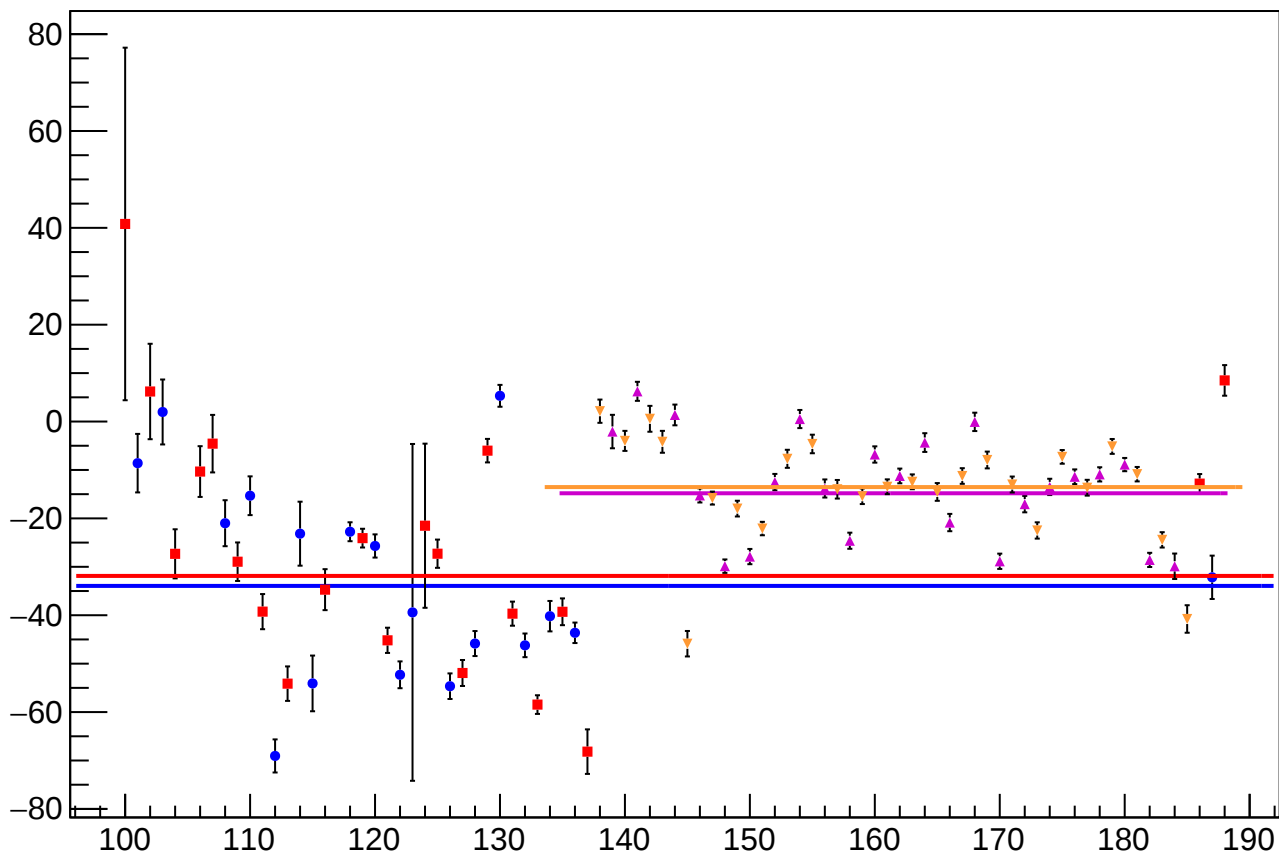
Left In: 18.416 ± 0.391 χ^2/NDF : 2468.4/22

+ sign 25.297 ± 0.360 χ^2/NDF : 6267.0/42

All: 25.340 ± 0.242 χ^2/NDF : 15535.0/86

- sign 25.376 ± 0.326 χ^2/NDF : 9267.9/43

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: -31.880 ± 0.675 χ^2/NDF : 842.1/20

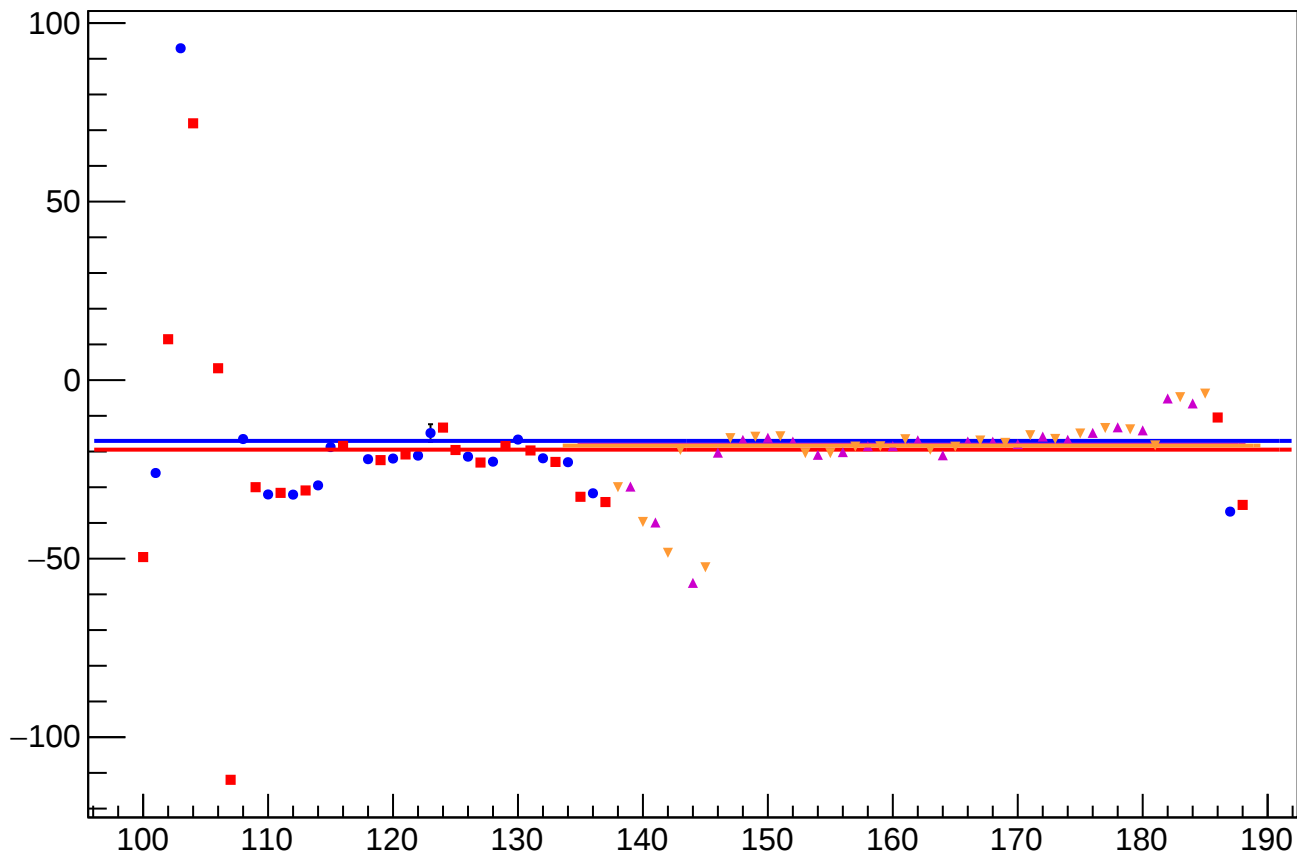
Left In: -14.815 ± 0.353 χ^2/NDF : 838.2/22

+ sign -17.285 ± 0.311 χ^2/NDF : 1938.6/42

All: -17.883 ± 0.221 χ^2/NDF : 4128.8/86

- sign -18.486 ± 0.313 χ^2/NDF : 2182.7/43

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -17.021 ± 0.044 χ^2/NDF : 480706.9/17

Left Out: -18.337 ± 0.016 χ^2/NDF : 283793.3/24

Right Out: -19.473 ± 0.041 χ^2/NDF : 449341.3/20

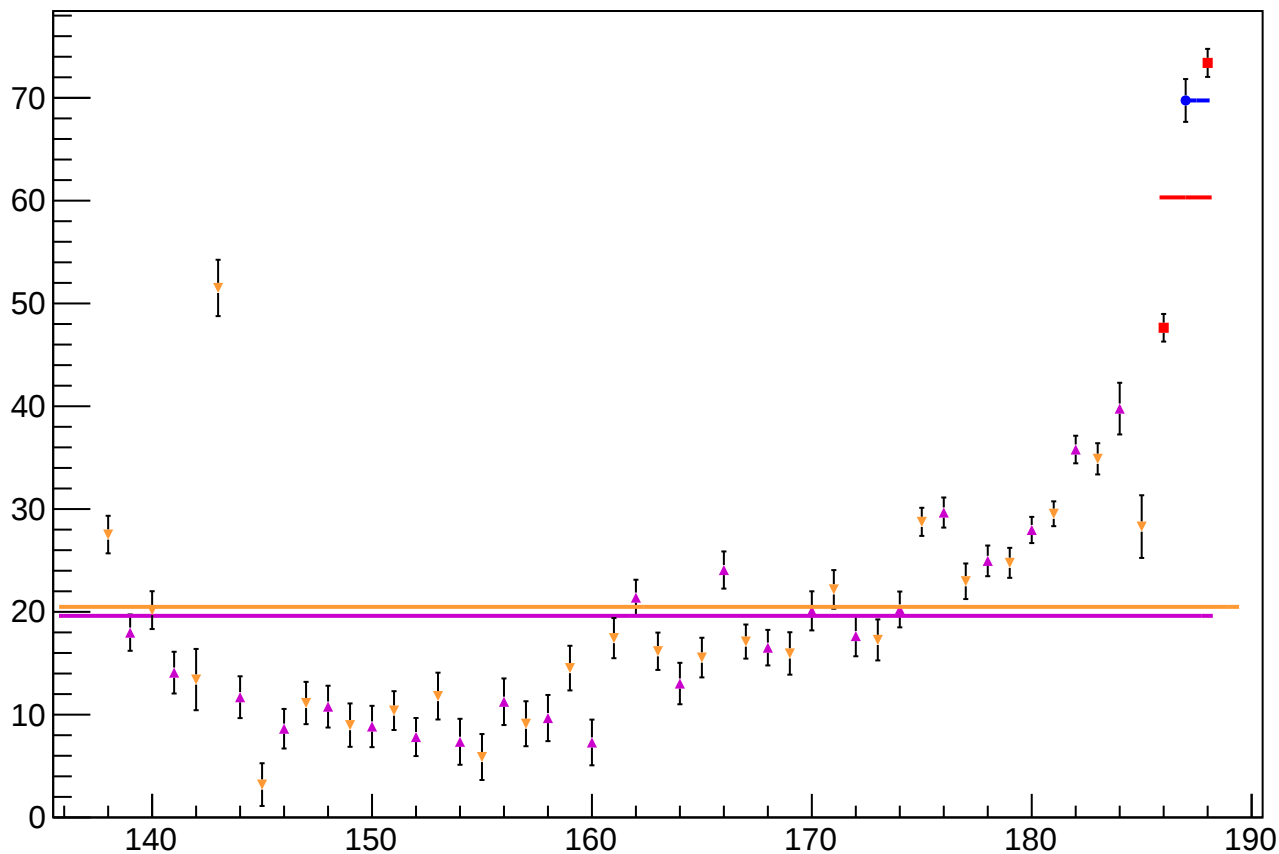
Left In: -18.135 ± 0.016 χ^2/NDF : 245650.3/22

+ sign -18.184 ± 0.015 χ^2/NDF : 765300.7/42

All: -18.247 ± 0.011 χ^2/NDF : 1461237.6/86

- sign -18.309 ± 0.015 χ^2/NDF : 695901.9/43

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: 60.315 $\pm$ 0.957 χ^2 /NDF: 181.0/1

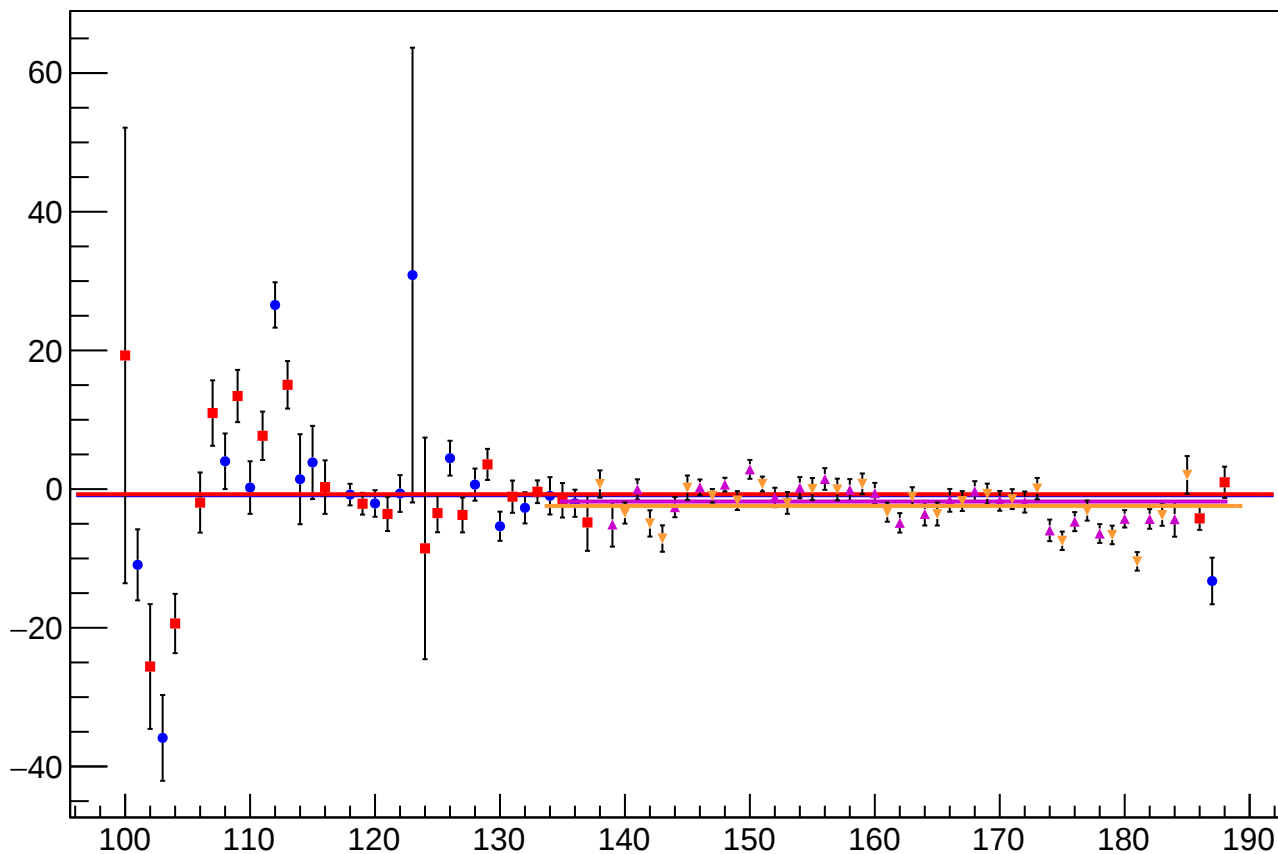
Left In: 19.612 $\pm$ 0.379 χ^2 /NDF:572.7/22

+ sign 22.022 $\pm$ 0.368 χ^2 /NDF: 1157.9/25

All: 23.637 $\pm$ 0.254 χ^2 /NDF: 3511.6/50

- sign 25.117 $\pm$ 0.352 χ^2 /NDF: 2316.7/24

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: -0.740 ± 0.590 χ^2/NDF : 89.1/20

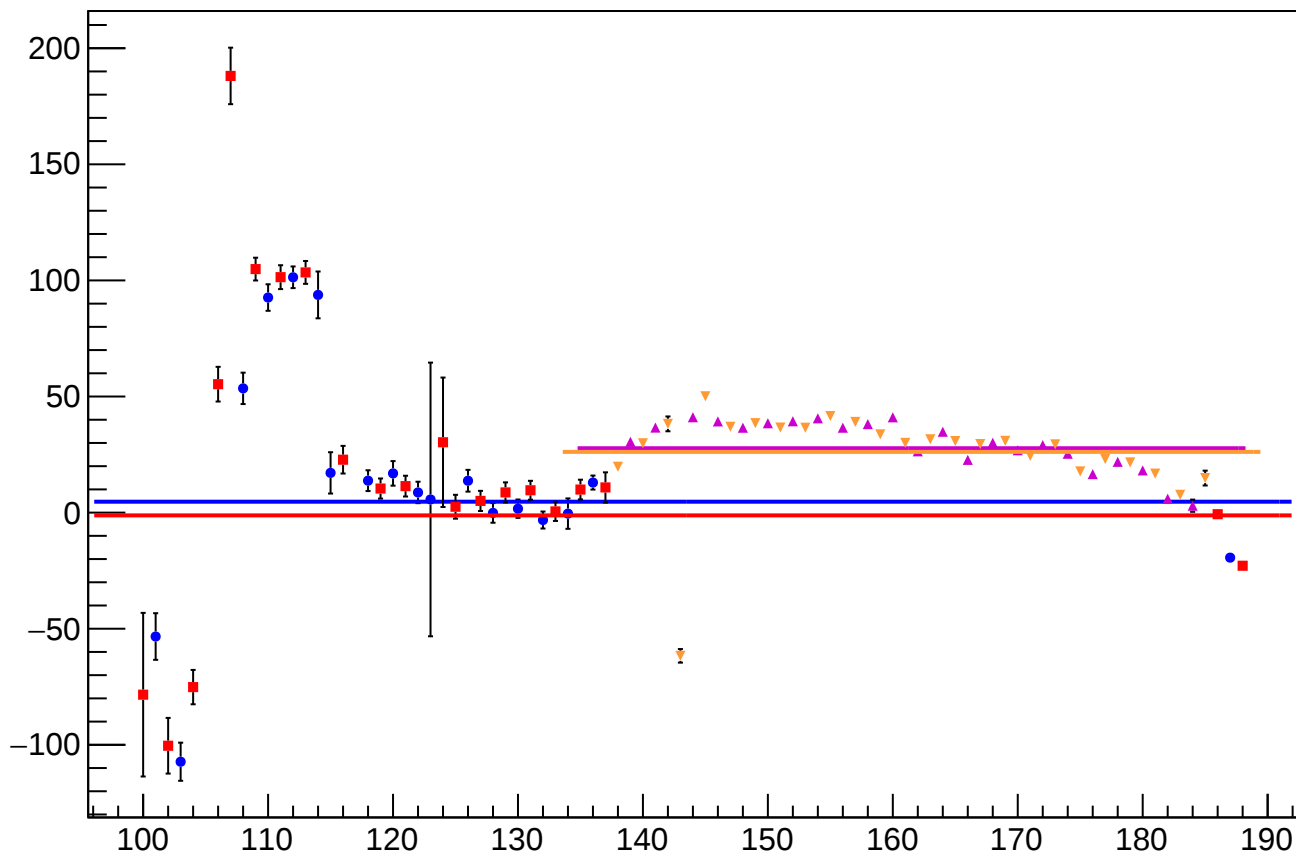
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.162 ± 0.266 χ^2/NDF : 242.6/42

All: -1.870 ± 0.189 χ^2/NDF : 406.6/86

- sign -1.574 ± 0.268 χ^2/NDF : 161.6/43

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: -1.191+/-0.654 χ^2/NDF : 2234.6/20

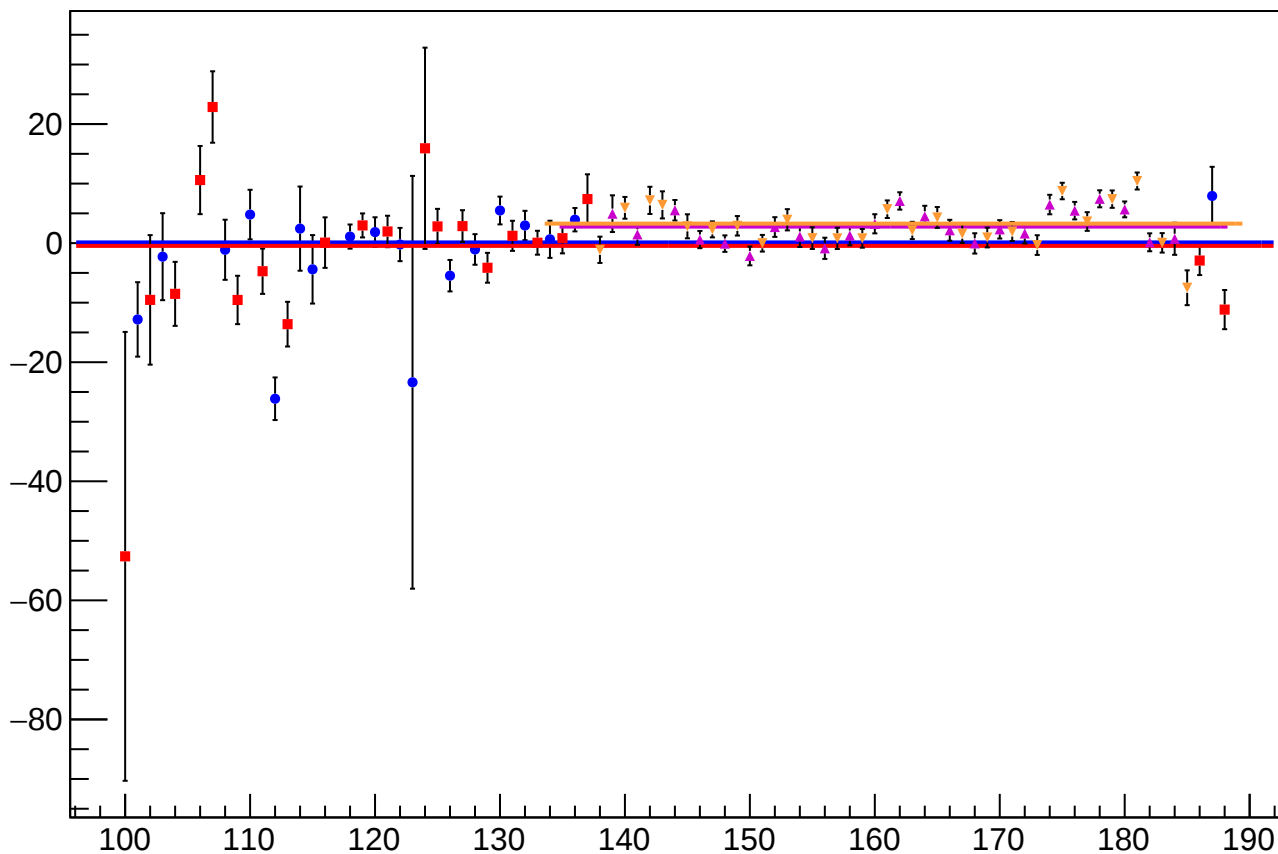
Left In: 27.725+/-0.377 χ^2/NDF : 805.1/22

+ sign 23.560+/-0.349 χ^2/NDF : 3224.8/42

All: 21.942+/-0.239 χ^2/NDF : 7771.0/86

- sign 20.530+/-0.326 χ^2/NDF : 4506.0/43

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: -0.462 ± 0.700 χ^2/NDF : 67.8/20

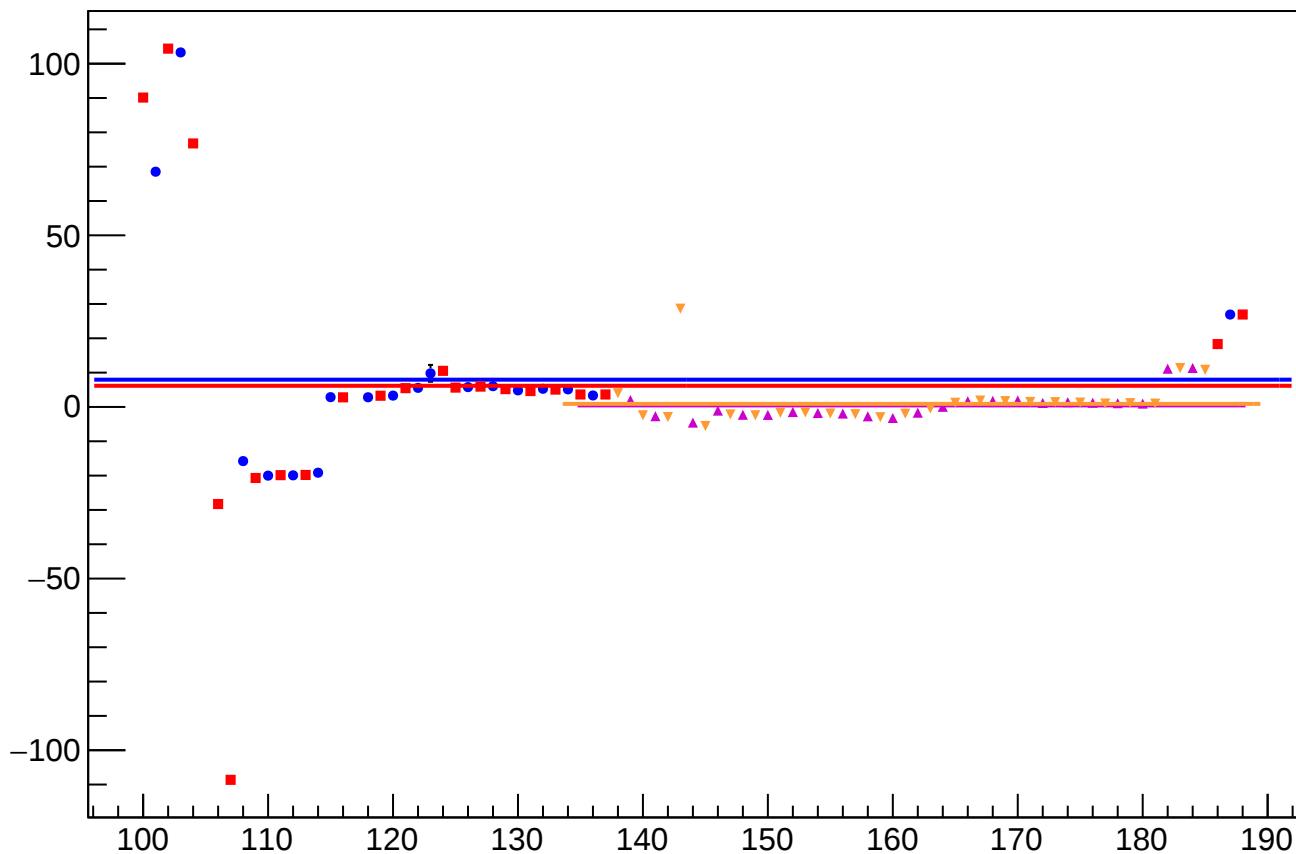
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.741 ± 0.303 χ^2/NDF : 196.2/42

All: 2.452 ± 0.215 χ^2/NDF : 349.7/86

- sign 2.158 ± 0.306 χ^2/NDF : 151.7/43

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: 6.168 ± 0.042 $\chi^2/\text{NDF}: 537159.6/20$

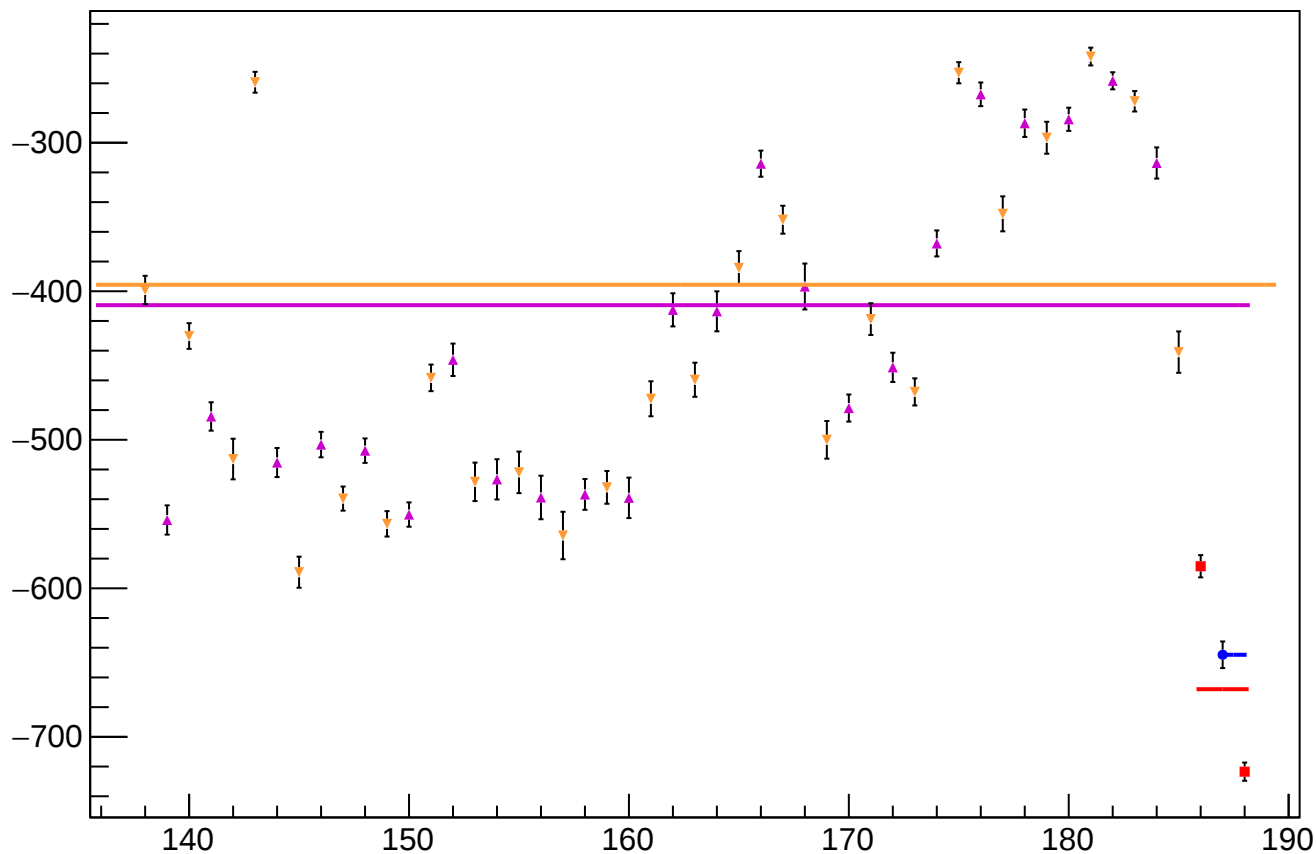
Left In: 0.448 ± 0.015 $\chi^2/\text{NDF}: 50533.6/22$

+ sign 1.655 ± 0.014 $\chi^2/\text{NDF}: 492176.7/42$

All: 1.385 ± 0.010 $\chi^2/\text{NDF}: 1096706.9/86$

- sign 1.113 ± 0.014 $\chi^2/\text{NDF}: 603822.3/43$

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: -667.918 ± 4.750 χ^2/NDF : 203.7/1

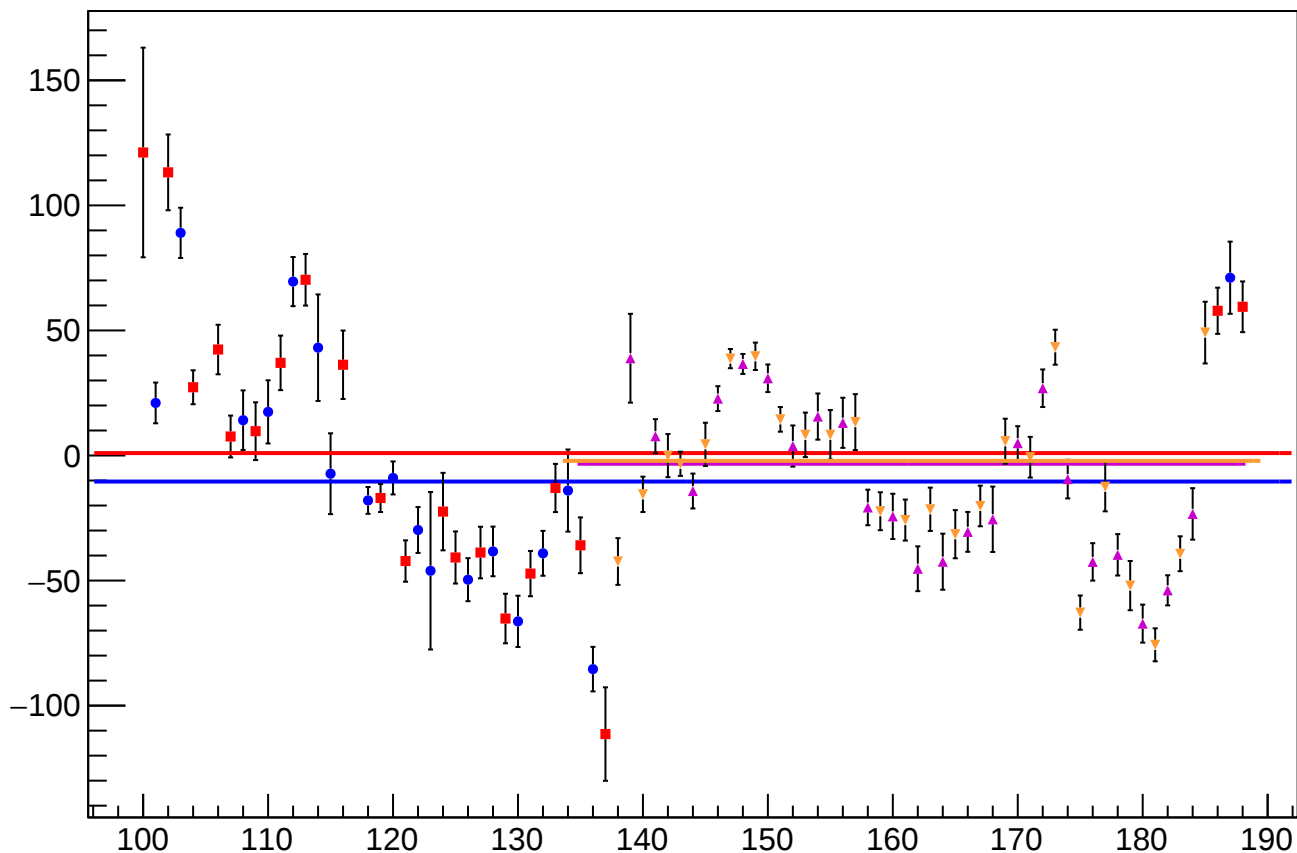
Left In: -409.377 ± 1.971 χ^2/NDF : 3096.1/22

+ sign -406.445 ± 1.867 χ^2/NDF : 4442.7/25

All: -427.418 ± 1.304 χ^2/NDF : 10515.8/50

- sign -447.363 ± 1.821 χ^2/NDF : 5827.0/24

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: 0.973 ± 2.149 χ^2/NDF : 423.6/20

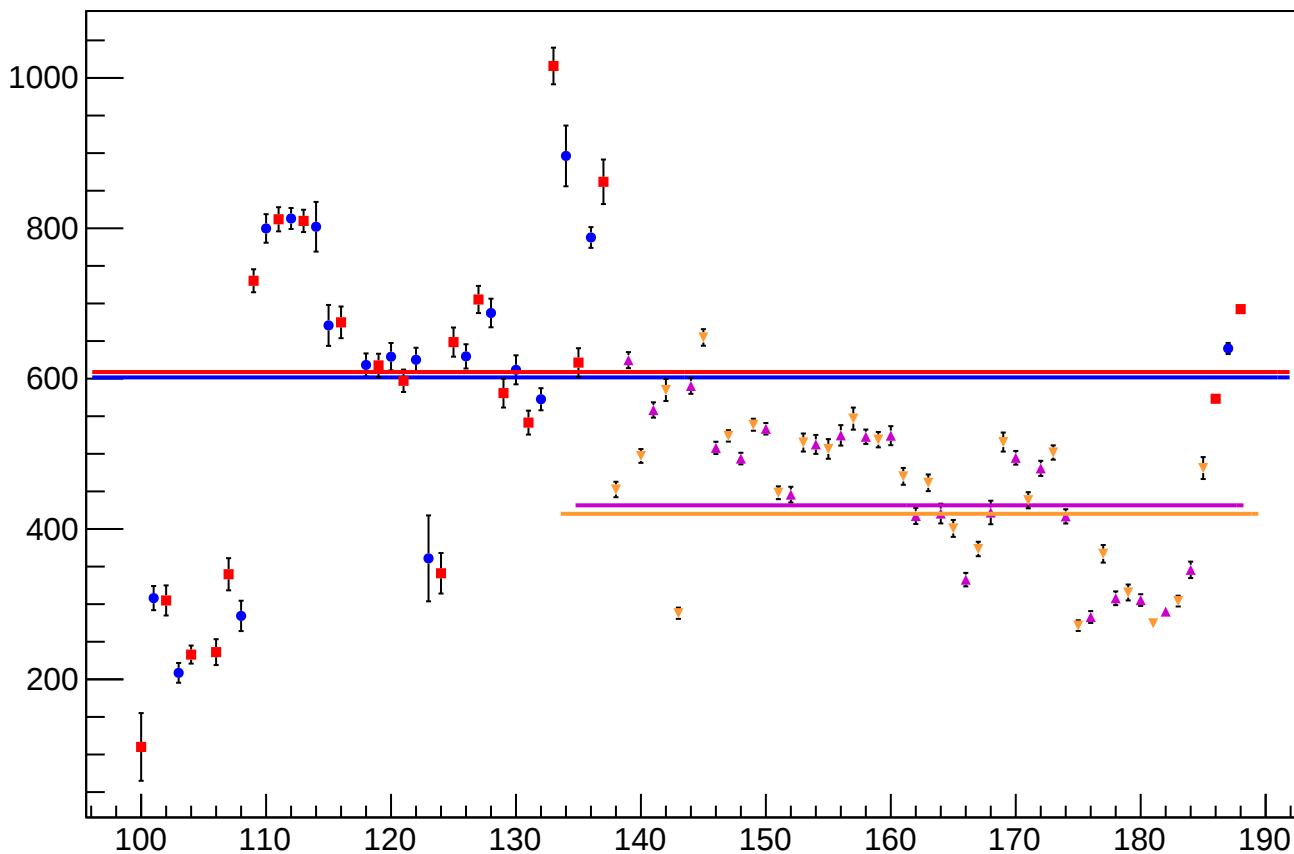
Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

+ sign -4.479 ± 1.215 χ^2/NDF : 946.0/42

All: -3.202 ± 0.867 χ^2/NDF : 1829.0/86

- sign -1.873 ± 1.239 χ^2/NDF : 880.7/43

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 601.670 $\pm$ 3.726 χ^2 /NDF: 2166.9/17

Left Out: 420.181 $\pm$ 1.916 χ^2 /NDF: 3241.0/24

Right Out: 608.803 $\pm$ 2.804 χ^2 /NDF: 3205.6/20

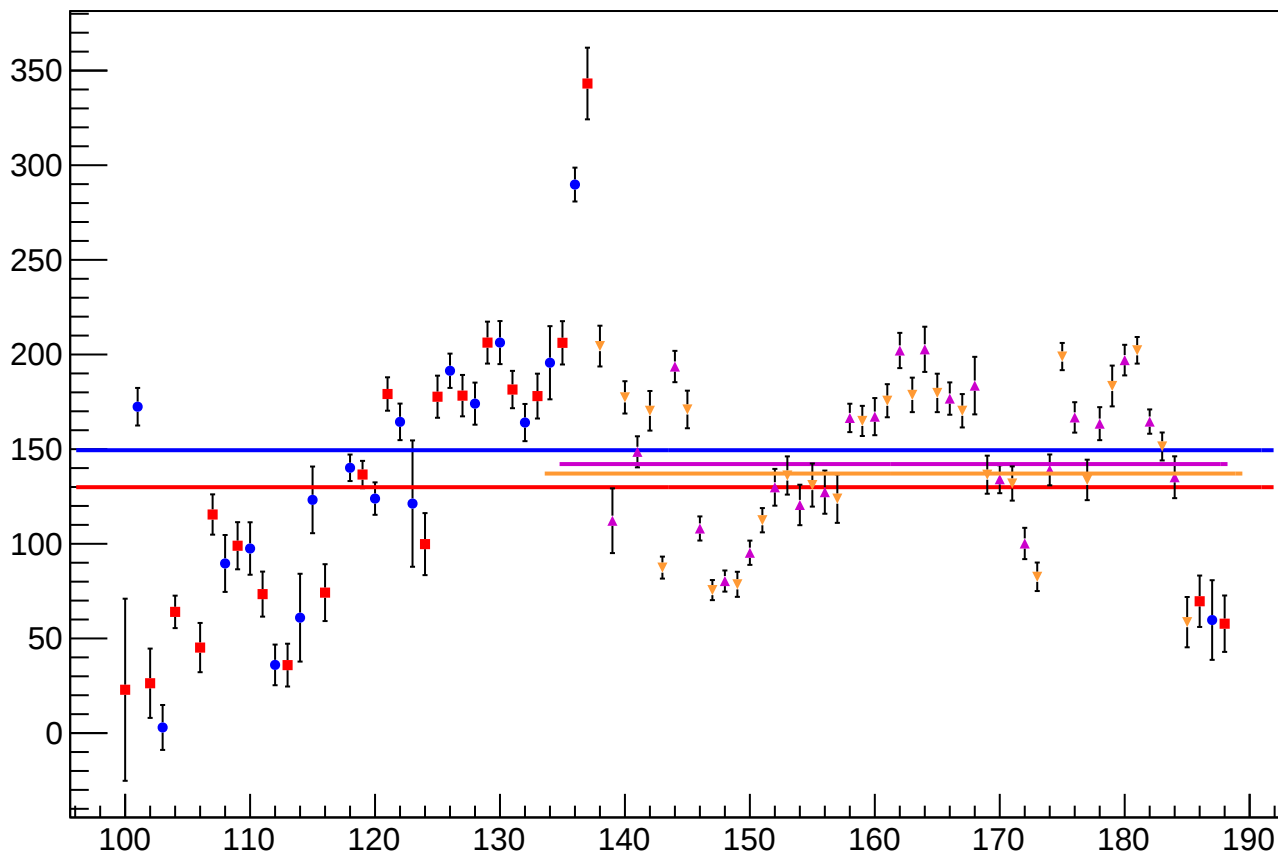
Left In: 431.487 $\pm$ 1.964 χ^2 /NDF: 2897.1/22

+ sign 458.116 $\pm$ 1.704 χ^2 /NDF: 7284.1/42

All: 474.883 $\pm$ 1.170 χ^2 /NDF: 16252.1/86

- sign 489.833 $\pm$ 1.609 χ^2 /NDF: 8784.8/43

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 149.442 ± 2.653 $\chi^2/\text{NDF}: 653.3/17$

Left Out: 137.107 ± 1.663 $\chi^2/\text{NDF}: 738.9/24$

Right Out: 129.908 ± 2.535 $\chi^2/\text{NDF}: 630.9/20$

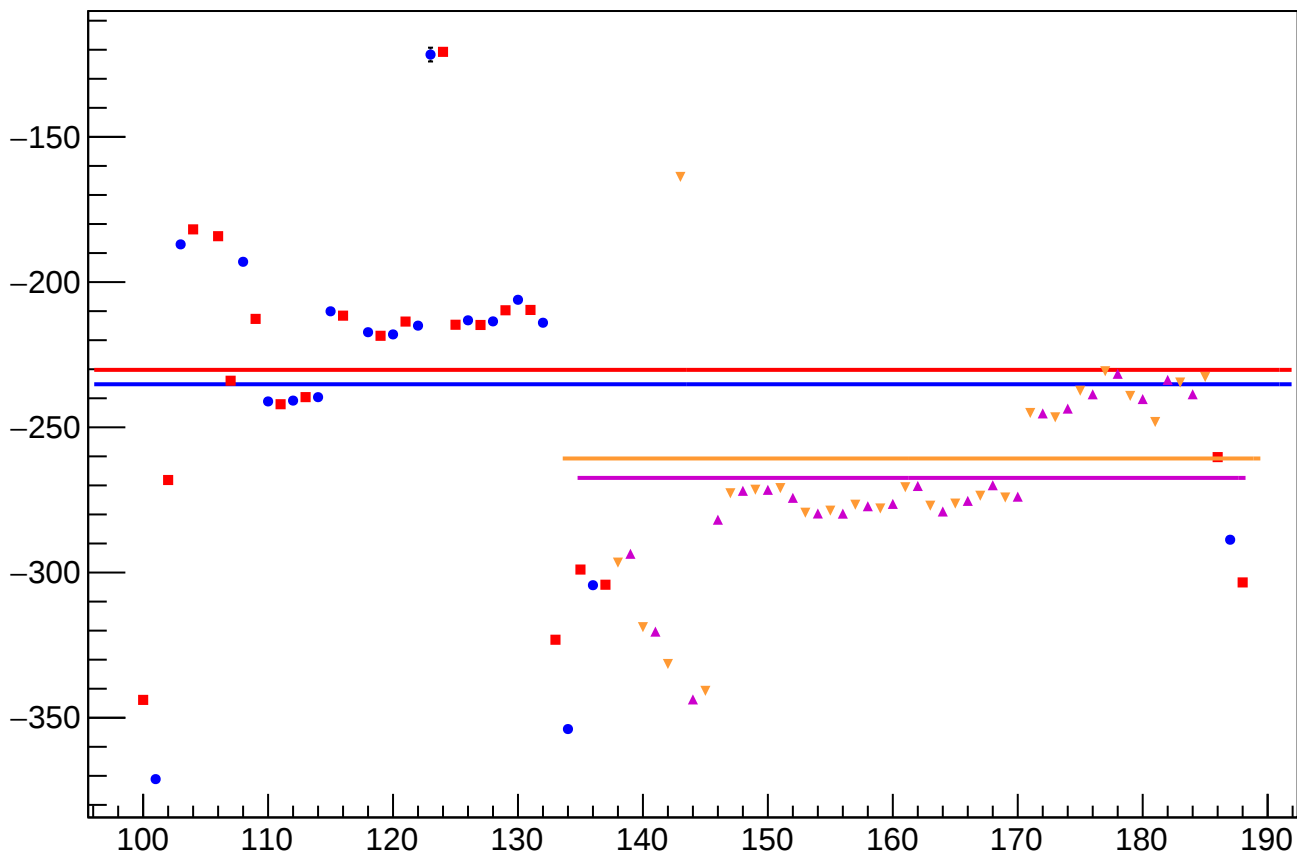
Left In: 142.123 ± 1.740 $\chi^2/\text{NDF}: 463.8/22$

+ sign 140.586 ± 1.409 $\chi^2/\text{NDF}: 1407.7/42$

All: 139.420 ± 1.005 $\chi^2/\text{NDF}: 2519.6/86$

- sign 138.210 ± 1.435 $\chi^2/\text{NDF}: 1110.5/43$

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: -230.218 ± 0.137 $\chi^2/\text{NDF}: 111508.8/20$

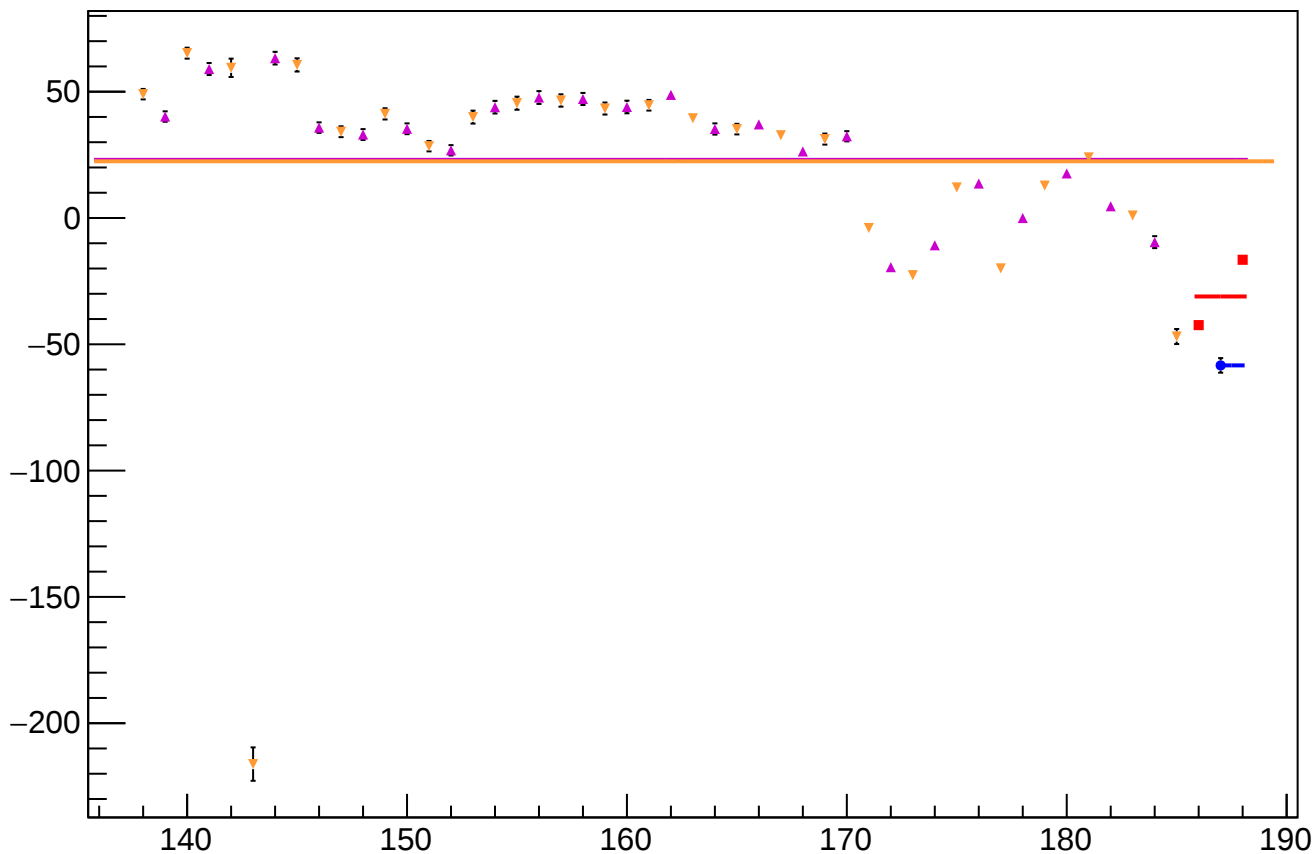
Left In: -267.416 ± 0.081 $\chi^2/\text{NDF}: 98892.0/22$

+ sign -254.951 ± 0.070 $\chi^2/\text{NDF}: 390683.7/42$

All: -256.349 ± 0.049 $\chi^2/\text{NDF}: 656246.2/86$

- sign -257.746 ± 0.070 $\chi^2/\text{NDF}: 264764.7/43$

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: -31.065 ± 1.308 χ^2/NDF : 96.3/1

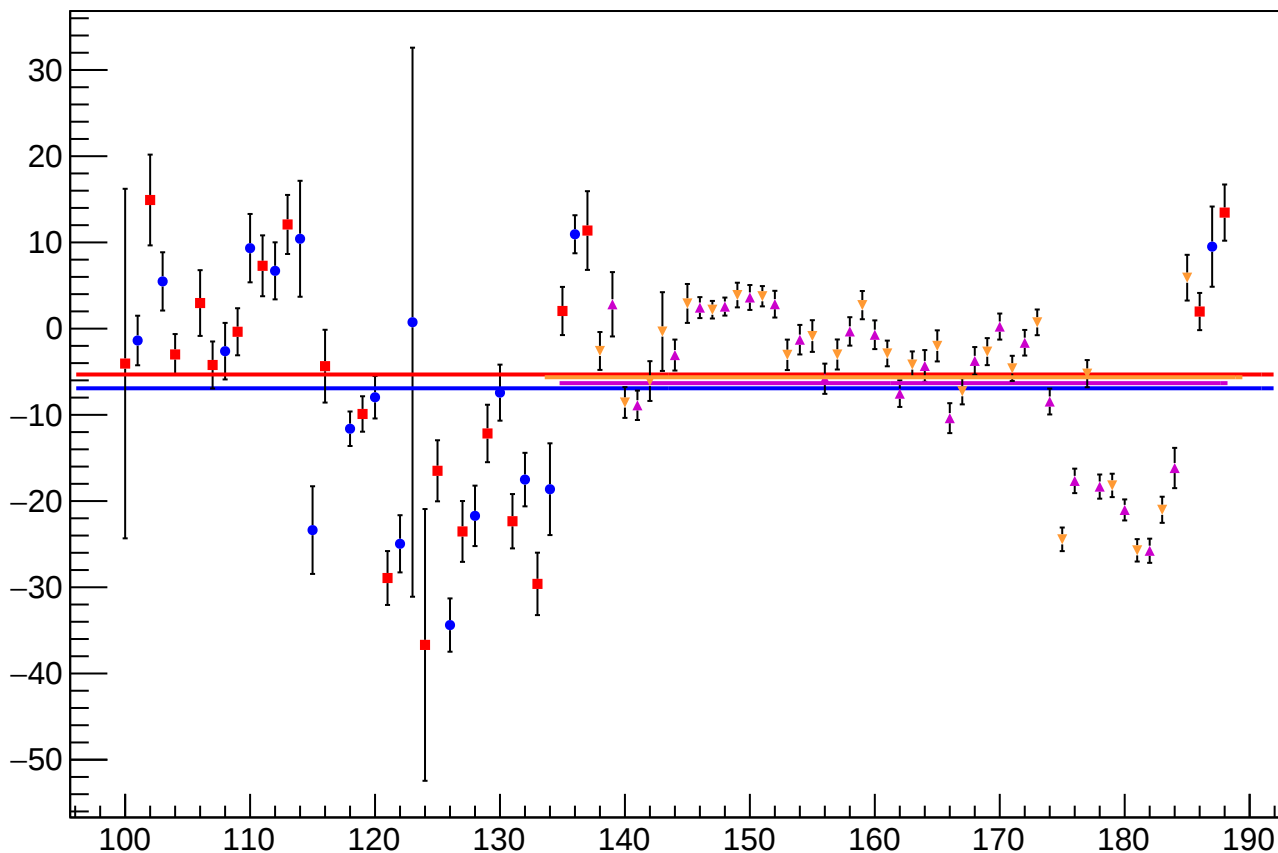
Left In: 23.019 ± 0.400 χ^2/NDF : 2819.9/22

+ sign 20.935 ± 0.395 χ^2/NDF : 5703.4/25

All: 19.627 ± 0.275 χ^2/NDF : 10203.4/50

- sign 18.402 ± 0.382 χ^2/NDF : 4478.8/24

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -6.921 ± 0.768 $\chi^2/\text{NDF}: 296.4/17$

Left Out: -5.639 ± 0.316 $\chi^2/\text{NDF}: 891.5/24$

Right Out: -5.319 ± 0.702 $\chi^2/\text{NDF}: 308.4/20$

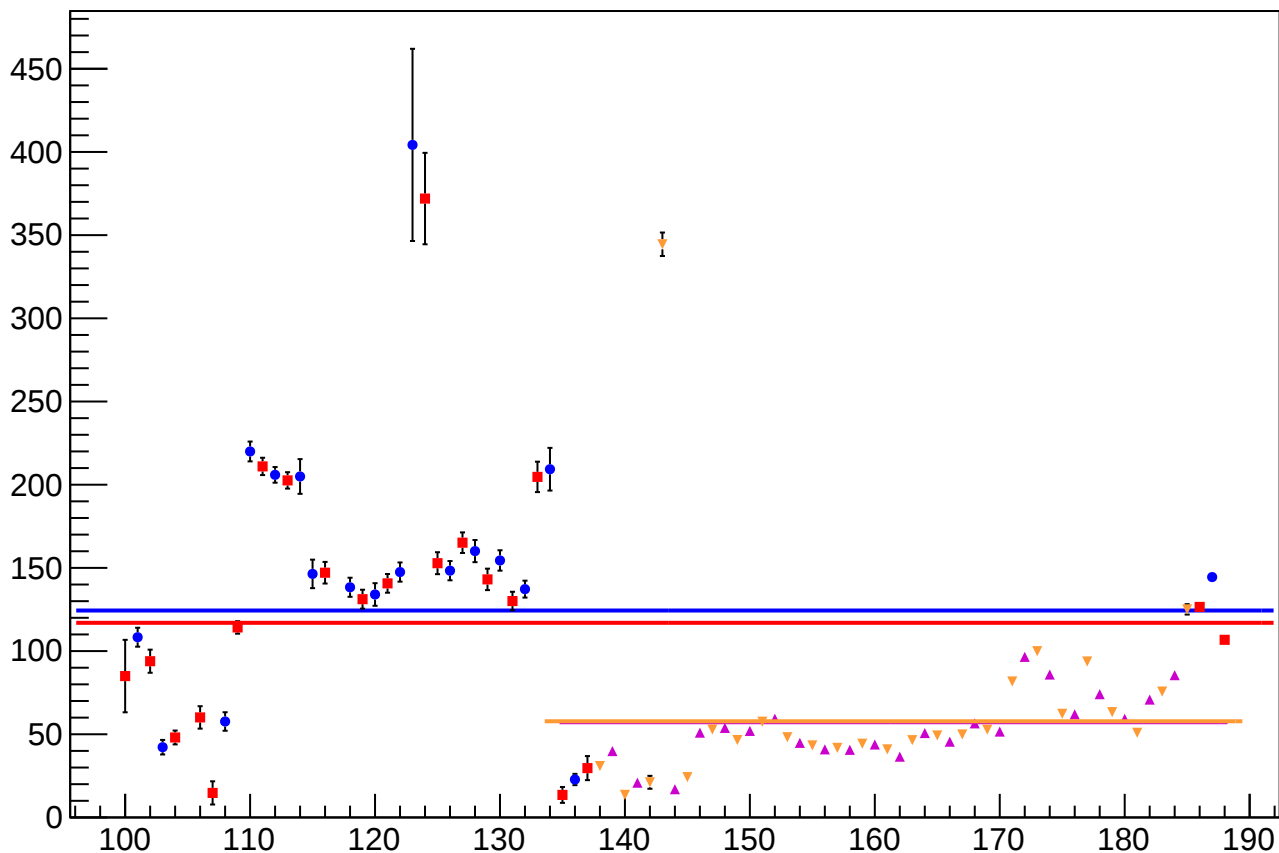
Left In: -6.323 ± 0.320 $\chi^2/\text{NDF}: 784.4/22$

+ sign -5.824 ± 0.292 $\chi^2/\text{NDF}: 1190.3/42$

All: -5.987 ± 0.206 $\chi^2/\text{NDF}: 2285.4/86$

- sign -6.150 ± 0.291 $\chi^2/\text{NDF}: 1094.5/43$

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 124.382 $\pm$ 1.211 χ^2 /NDF: 2258.2/17

Left Out: 57.816 $\pm$ 0.398 χ^2 /NDF:4331.5/24

Right Out: 116.991 $\pm$ 0.833 χ^2 /NDF: 2239.4/20

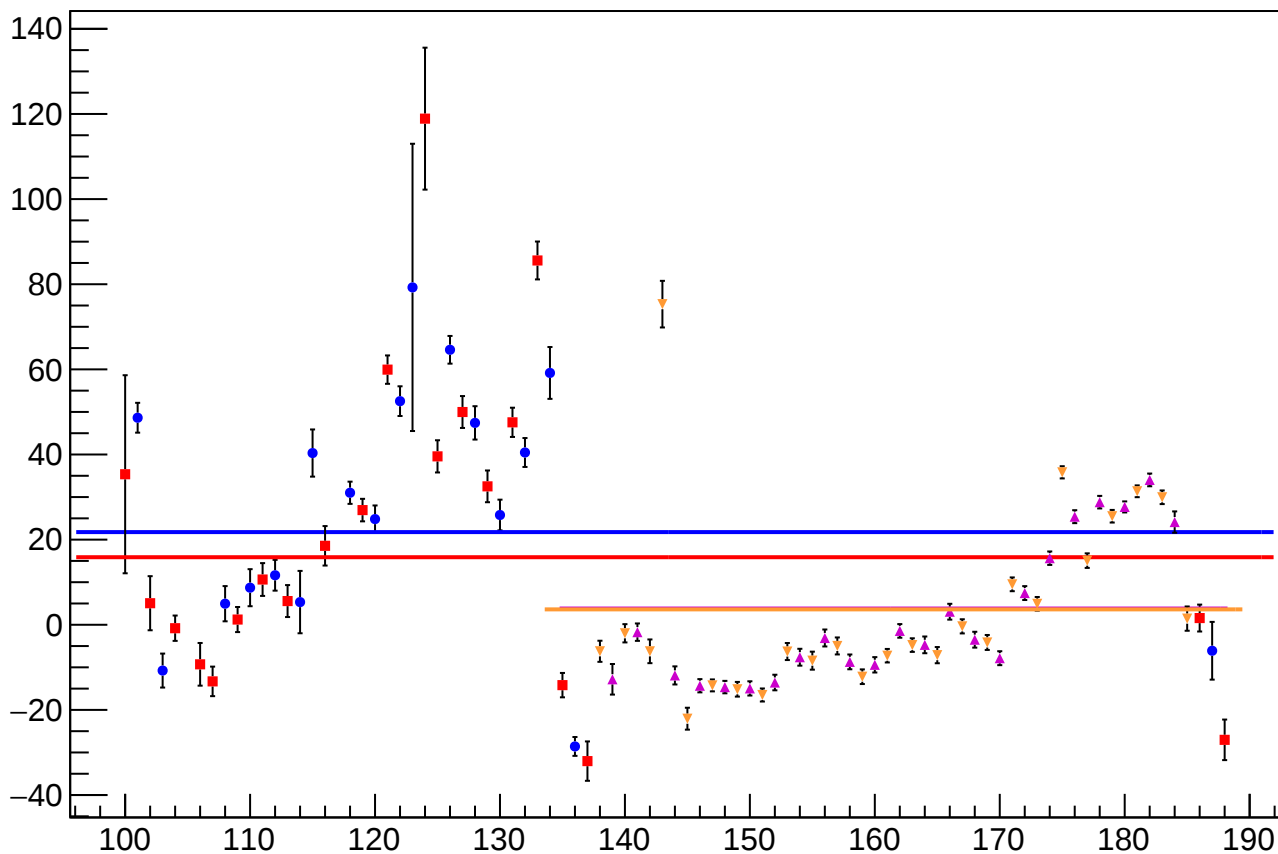
Left In: 57.226 $\pm$ 0.398 χ^2 /NDF:1860.6/22

+ sign 64.303 $\pm$ 0.378 χ^2 /NDF: 9315.5/42

All: 66.428 $\pm$ 0.260 χ^2 /NDF: 17669.5/86

- sign 68.346 $\pm$ 0.359 χ^2 /NDF: 8293.9/43

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: 15.869 $\pm$ 0.828 χ^2/NDF : 1187.1/20

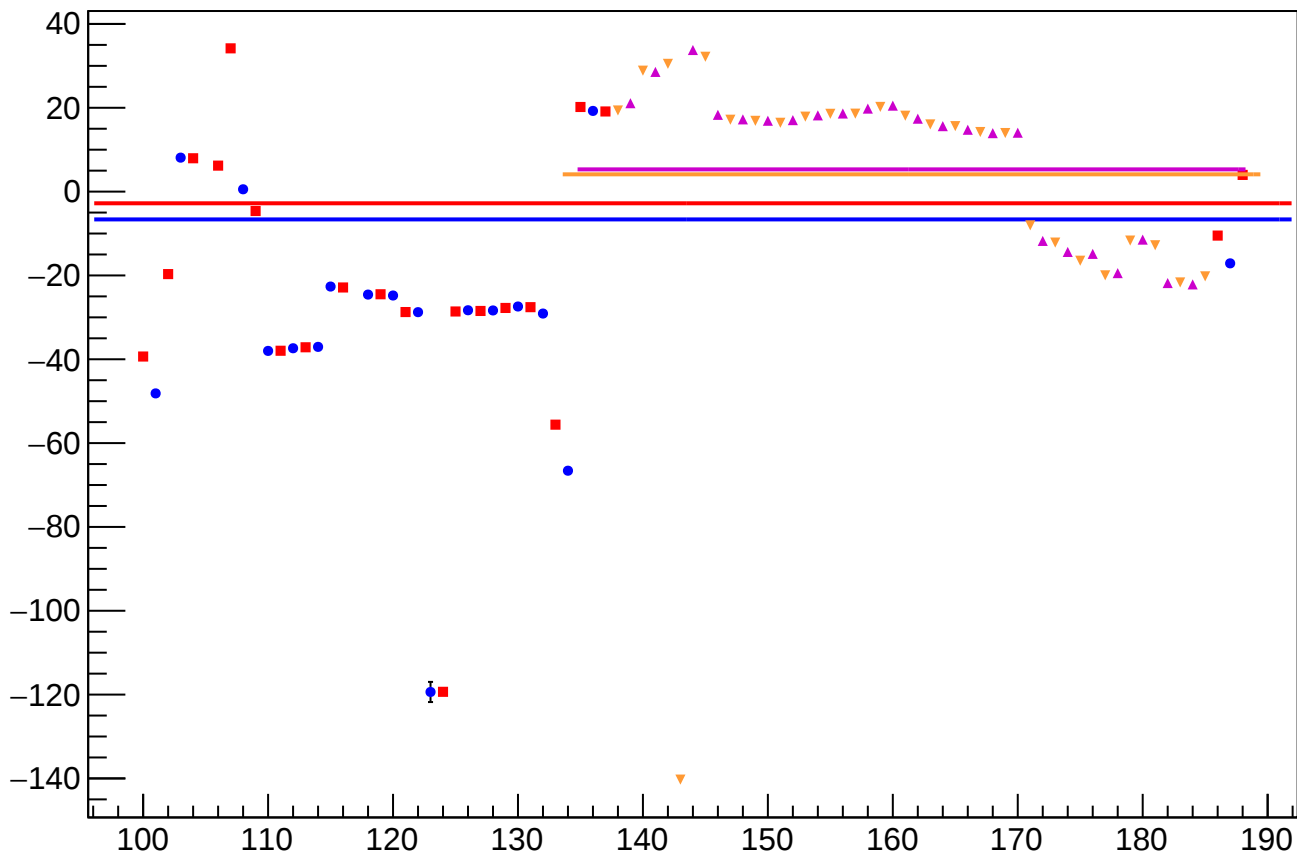
Left In: 3.812 $\pm$ 0.361 χ^2/NDF : 2203.5/22

+ sign 6.169 $\pm$ 0.331 χ^2/NDF : 3954.3/42

All: 5.953 $\pm$ 0.234 χ^2/NDF : 7524.1/86

- sign 5.737 $\pm$ 0.331 χ^2/NDF : 3569.0/43

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: -2.787 ± 0.044 χ^2/NDF : 268402.9/20

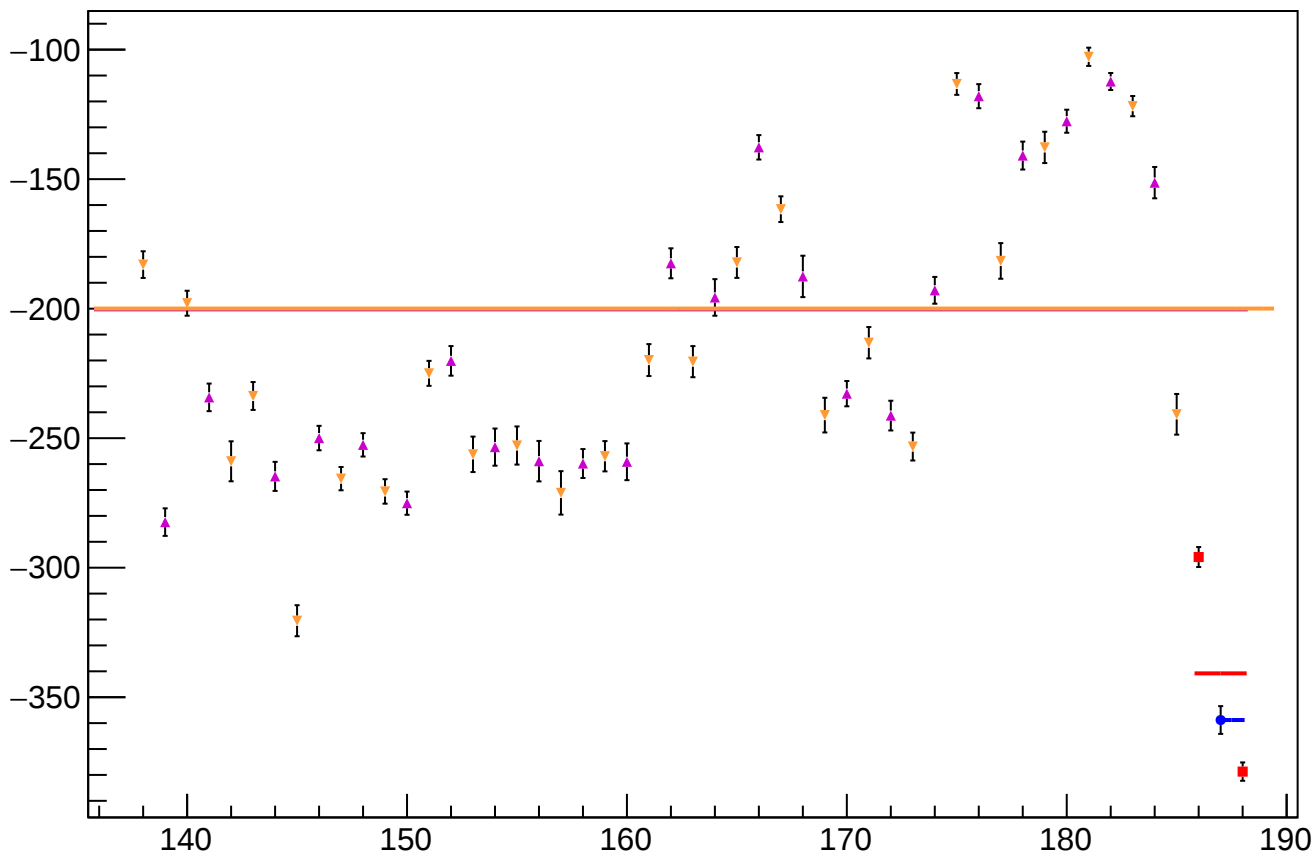
Left In: 5.305 ± 0.016 χ^2/NDF : 1089610.2/22

+ sign 2.904 ± 0.015 χ^2/NDF : 1655579.2/42

All: 3.616 ± 0.011 χ^2/NDF : 3047692.1/86

- sign 4.318 ± 0.015 χ^2/NDF : 1387880.7/43

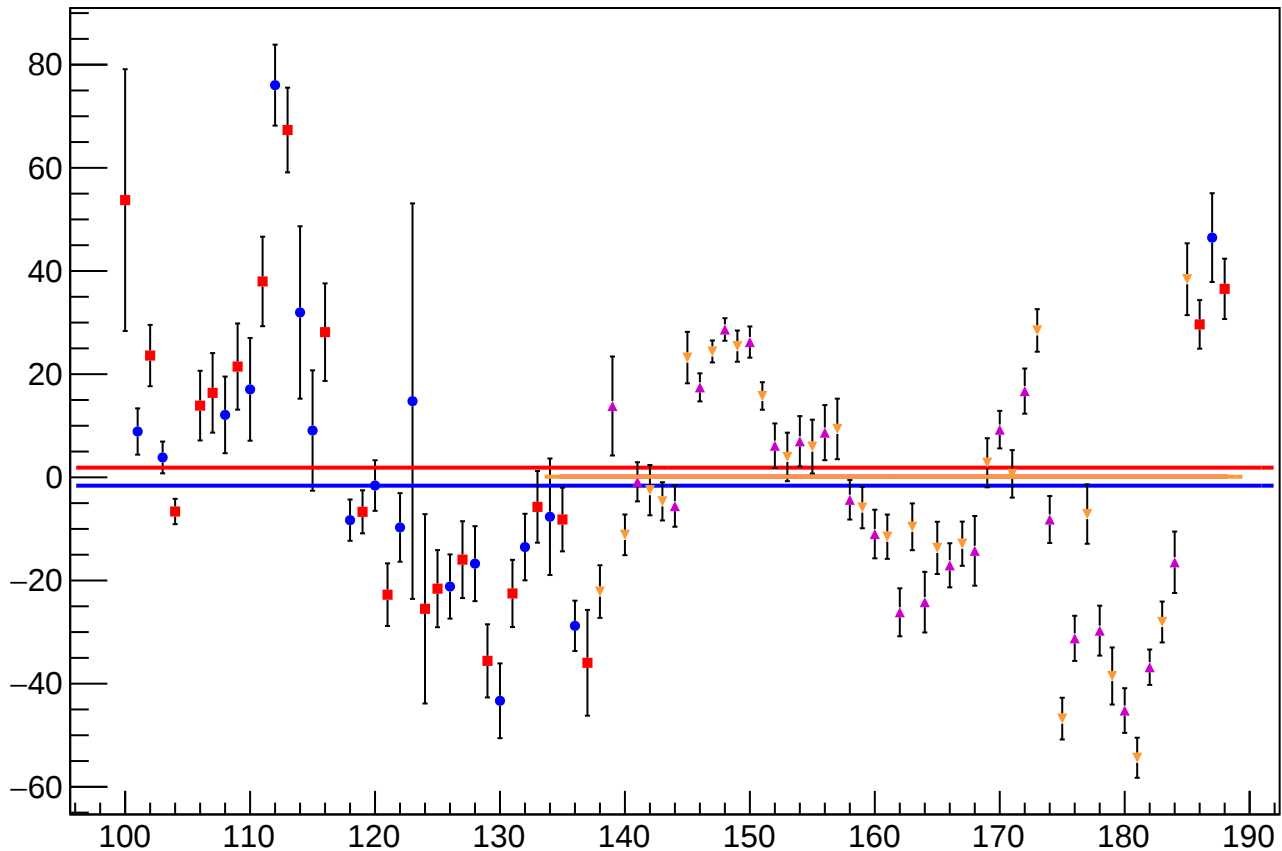
reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -358.804 ± 5.356 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -199.957 ± 1.082 $\chi^2/\text{NDF}: 3220.5/24$
 Right Out: -340.795 ± 2.609 $\chi^2/\text{NDF}: 250.3/1$
 Left In: -200.276 ± 1.093 $\chi^2/\text{NDF}: 3013.8/22$

+ sign -206.181 ± 1.060 $\chi^2/\text{NDF}: 4065.7/25$
 All: -214.104 ± 0.731 $\chi^2/\text{NDF}: 9904.1/50$
 - sign -221.272 ± 1.008 $\chi^2/\text{NDF}: 5732.0/24$

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -1.616 ± 1.430 $\chi^2/\text{NDF}: 236.0/17$

Left Out: 0.116 ± 0.810 $\chi^2/\text{NDF}: 830.1/24$

Right Out: 1.880 ± 1.307 $\chi^2/\text{NDF}: 298.0/20$

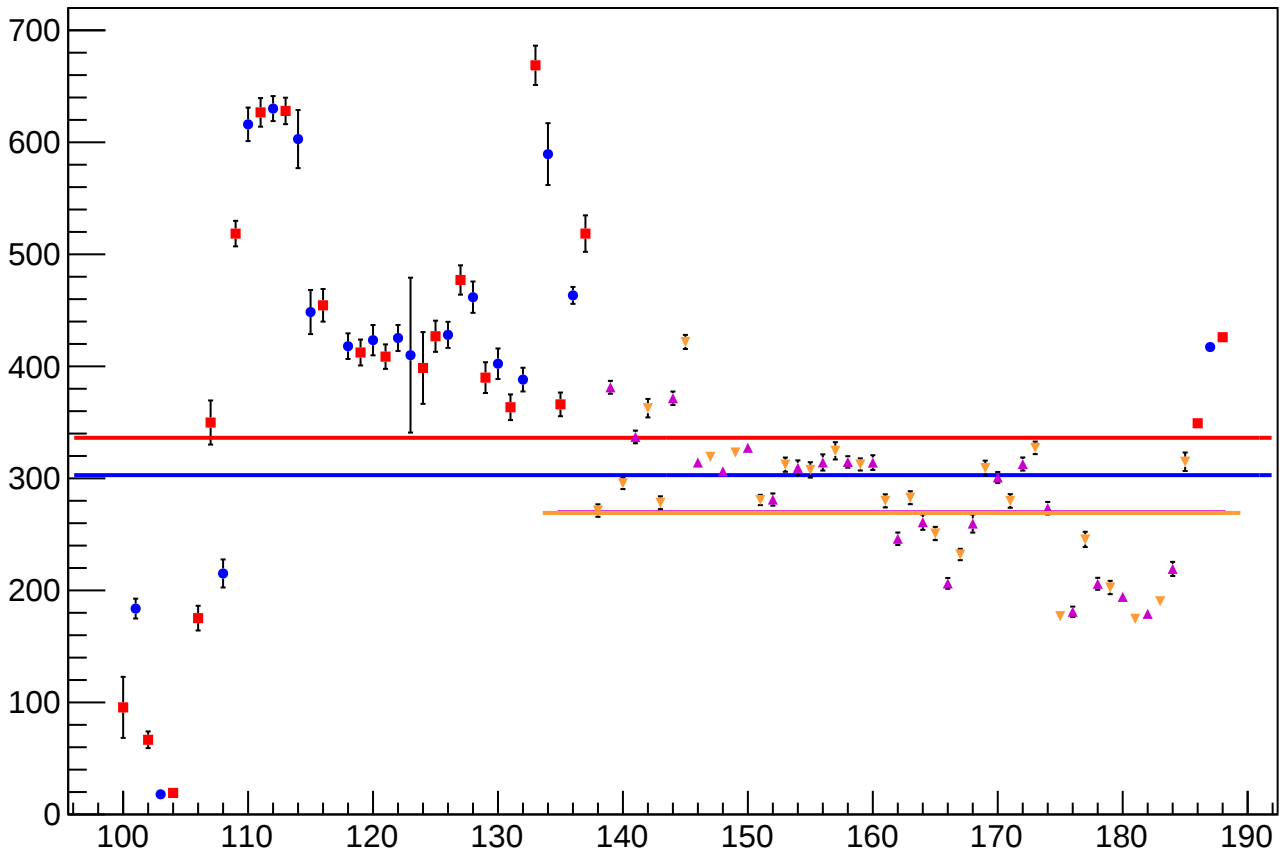
Left In: 0.153 ± 0.836 $\chi^2/\text{NDF}: 719.6/22$

+ sign -0.305 ± 0.705 $\chi^2/\text{NDF}: 1067.2/42$

All: 0.175 ± 0.498 $\chi^2/\text{NDF}: 2087.0/86$

- sign 0.655 ± 0.704 $\chi^2/\text{NDF}: 1018.8/43$

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: 336.241 $\pm$ 1.594 χ^2 /NDF: 10136.6/20

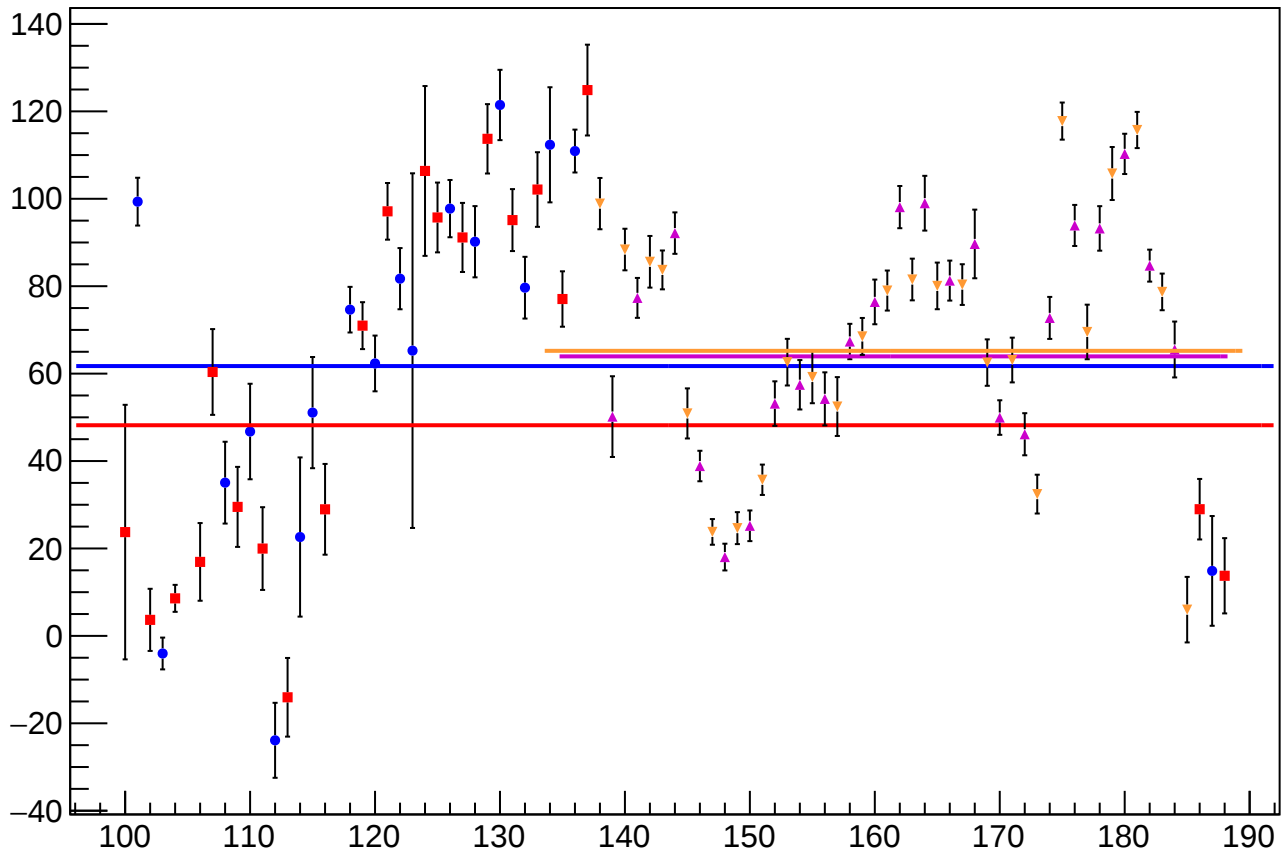
Left In: 269.798 $\pm$ 1.087 χ^2 /NDF: 3234.9/22

+ sign 275.940 $\pm$ 0.966 χ^2 /NDF: 11896.5/42

All: 283.968 $\pm$ 0.658 χ^2 /NDF: 26583.1/86

- sign 290.898 $\pm$ 0.898 χ^2 /NDF: 14558.0/43

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 61.729+/-1.663 χ^2/NDF : 736.6/17

Left Out: 65.214+/-0.938 χ^2/NDF : 1005.7/24

Right Out: 48.189+/-1.572 χ^2/NDF : 682.7/20

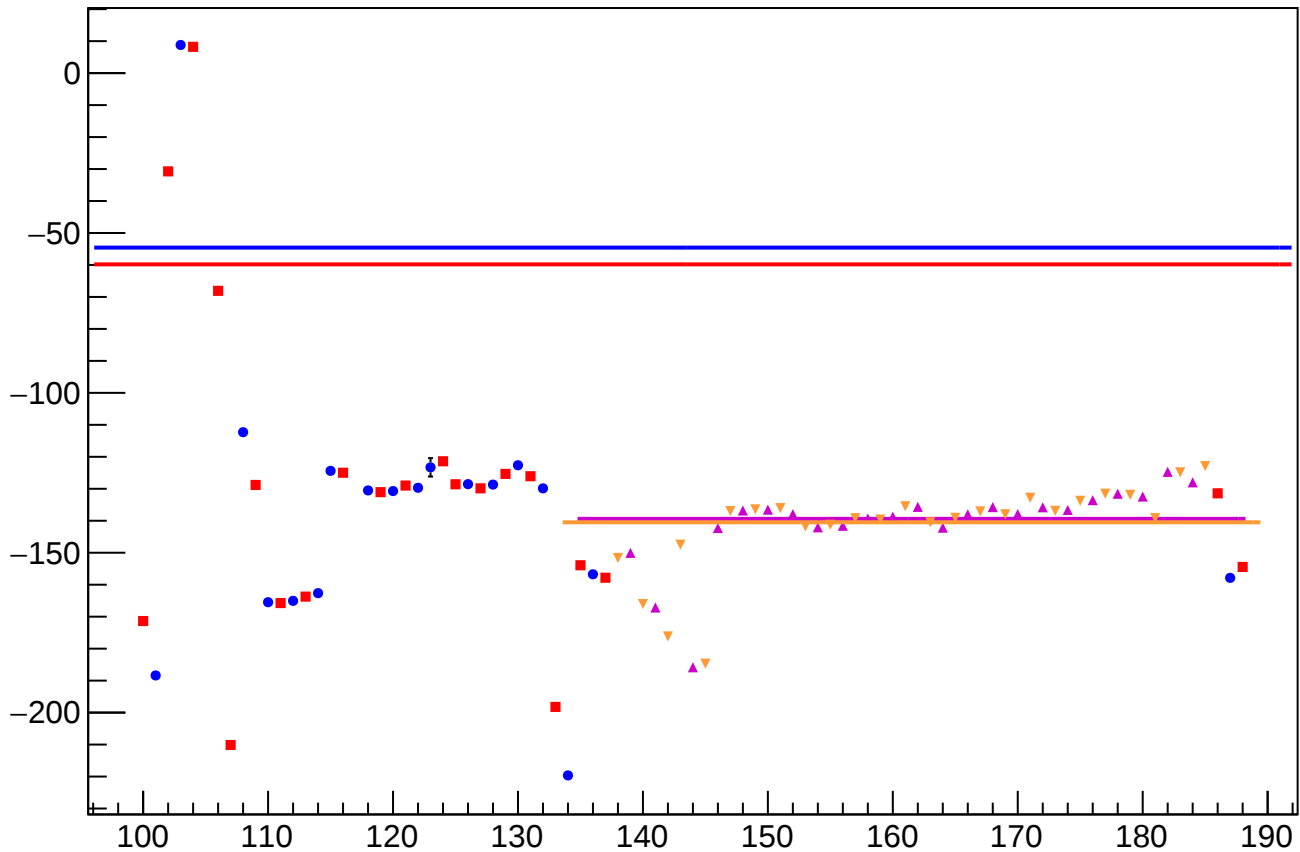
Left In: 63.944+/-0.961 χ^2/NDF : 803.4/22

+ sign 64.373+/-0.817 χ^2/NDF : 1745.6/42

All: 62.024+/-0.579 χ^2/NDF : 3321.4/86

- sign 59.661+/-0.820 χ^2/NDF : 1559.2/43

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: -59.814 ± 0.070 χ^2/NDF : 1045573.8/20

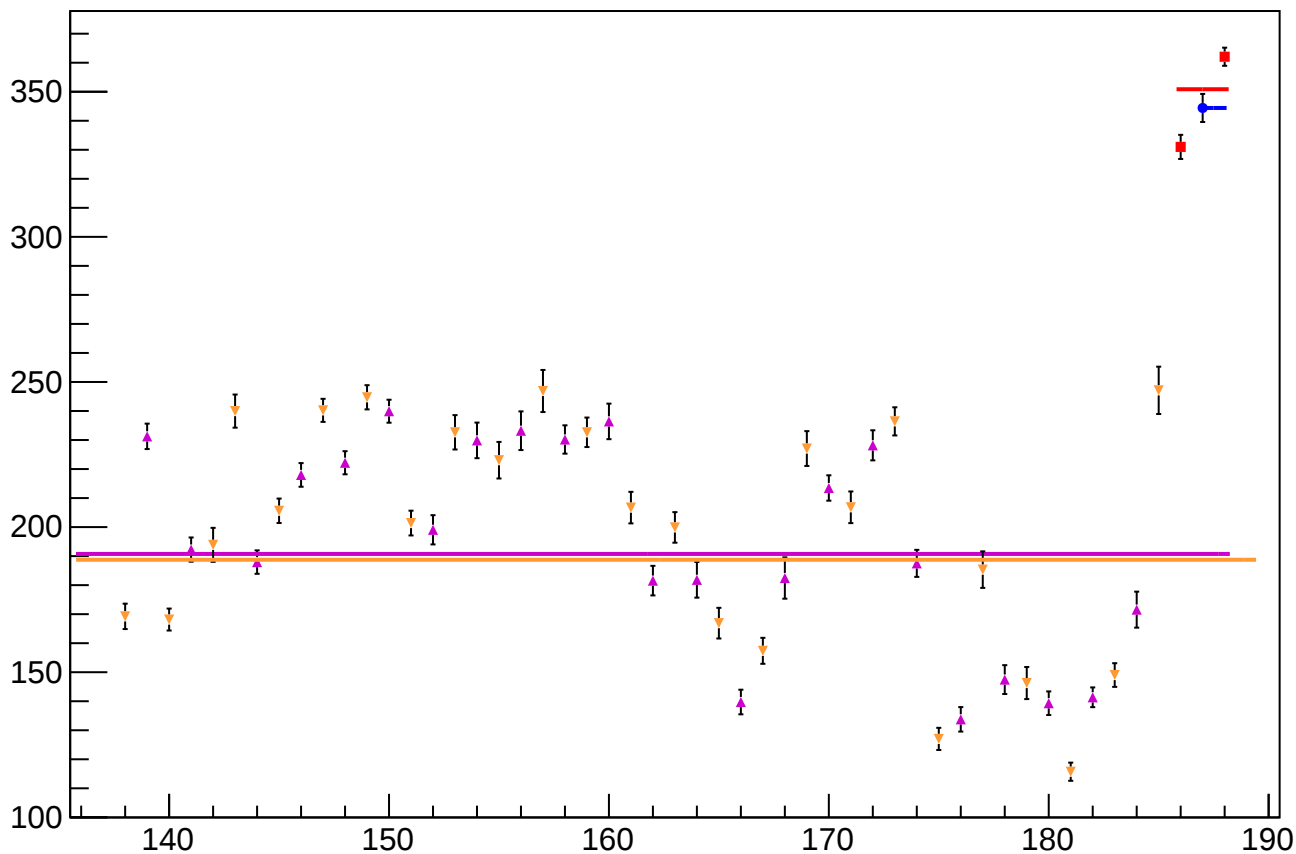
Left In: -139.406 ± 0.045 χ^2/NDF : 62878.4/22

+ sign -115.576 ± 0.038 χ^2/NDF : 2400459.4/42

All: -115.948 ± 0.027 χ^2/NDF : 4422966.4/86

- sign -116.323 ± 0.038 χ^2/NDF : 2022310.6/43

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 344.410 +/- 4.840 χ^2/NDF : 0.0/0

Left Out: 188.749 +/- 0.958 χ^2/NDF : 1968.6/24

Right Out: 350.863 +/- 2.495 χ^2/NDF : 35.7/1

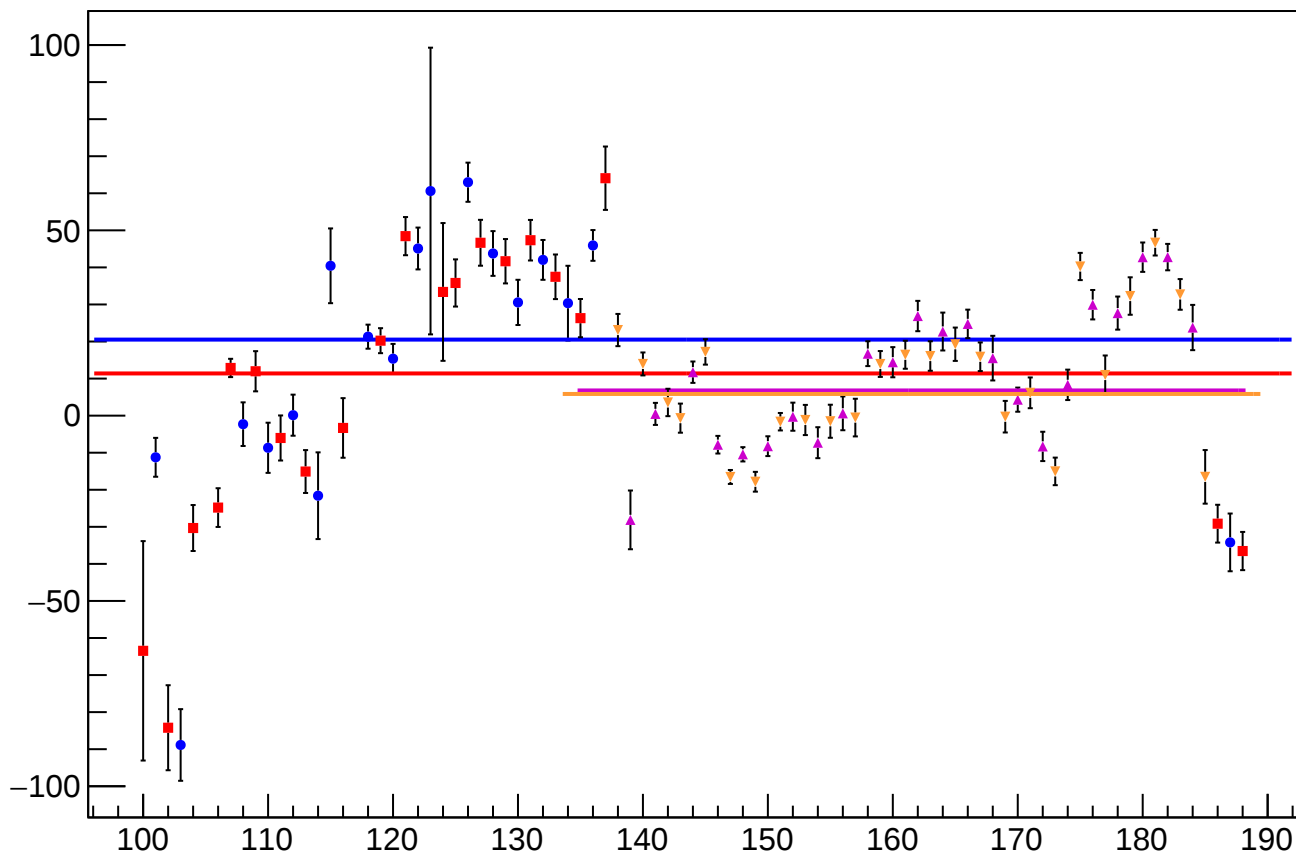
Left In: 190.753 +/- 0.971 χ^2/NDF : 1421.8/22

+ sign 194.618 +/- 0.940 χ^2/NDF : 2963.8/25

All: 203.539 +/- 0.652 χ^2/NDF : 8170.8/50

- sign 211.809 +/- 0.905 χ^2/NDF : 5033.3/24

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: 11.387 $\pm$ 1.164 χ^2 /NDF: 592.4/20

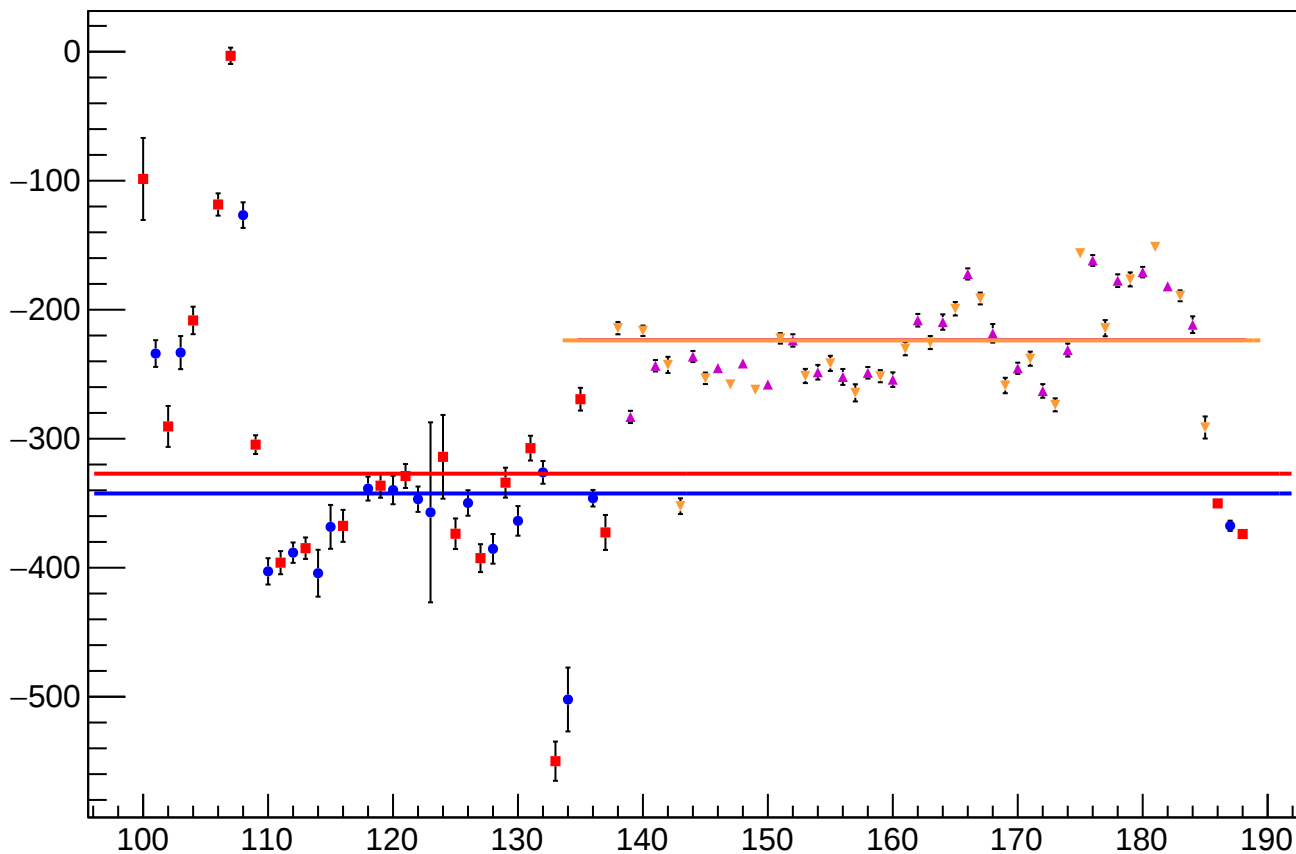
Left In: 6.797 $\pm$ 0.735 χ^2 /NDF: 525.8/22

+ sign 9.049 $\pm$ 0.632 χ^2 /NDF: 1179.0/42

All: 8.569 $\pm$ 0.443 χ^2 /NDF: 2309.6/86

- sign 8.104 $\pm$ 0.621 χ^2 /NDF: 1129.4/43

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -342.441 ± 2.154 $\chi^2/\text{NDF}: 841.1/17$

Left Out: -223.752 ± 0.958 $\chi^2/\text{NDF}: 2021.5/24$

Right Out: -327.091 ± 1.518 $\chi^2/\text{NDF}: 4242.4/20$

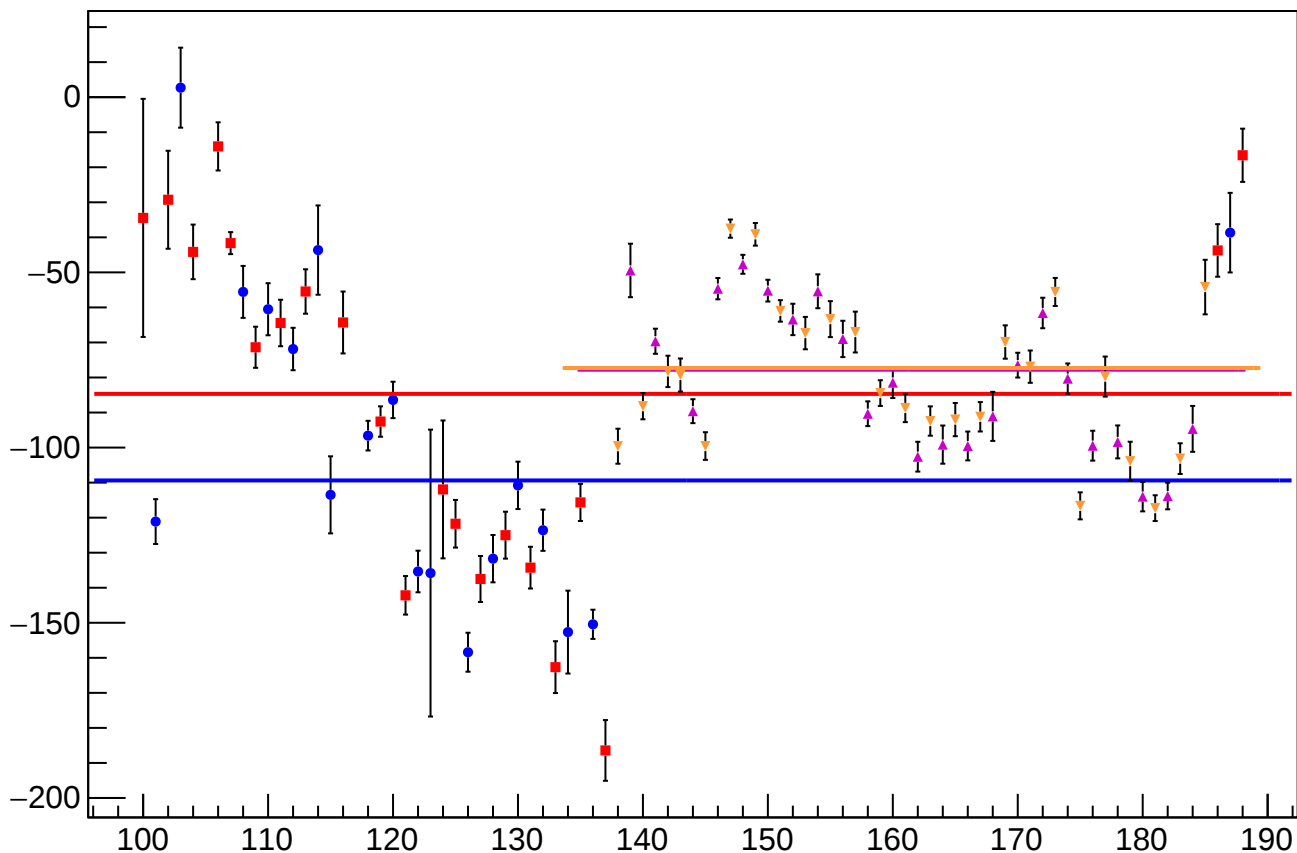
Left In: -223.554 ± 0.966 $\chi^2/\text{NDF}: 1286.5/22$

+ sign -243.358 ± 0.875 $\chi^2/\text{NDF}: 5398.4/42$

All: -248.730 ± 0.596 $\chi^2/\text{NDF}: 14310.3/86$

- sign -253.385 ± 0.815 $\chi^2/\text{NDF}: 8841.6/43$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -109.380 ± 1.563 $\chi^2/\text{NDF}: 552.9/17$

Left Out: -77.296 ± 0.829 $\chi^2/\text{NDF}: 844.6/24$

Right Out: -84.673 ± 1.385 $\chi^2/\text{NDF}: 1087.4/20$

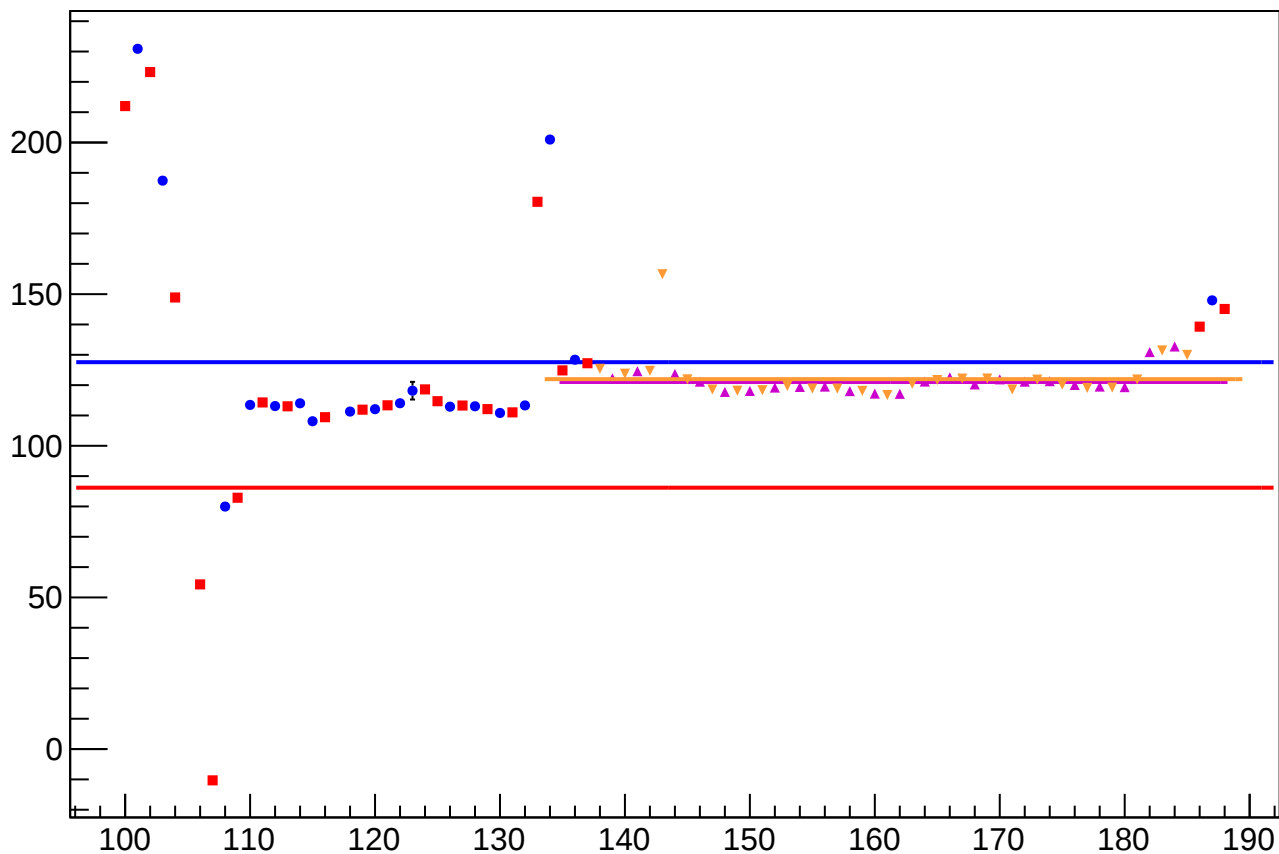
Left In: -77.777 ± 0.847 $\chi^2/\text{NDF}: 624.5/22$

+ sign -84.339 ± 0.732 $\chi^2/\text{NDF}: 1726.6/42$

All: -81.965 ± 0.514 $\chi^2/\text{NDF}: 3477.2/86$

- sign -79.652 ± 0.722 $\chi^2/\text{NDF}: 1729.9/43$

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: 86.188 $\pm$ 0.073 χ^2 /NDF: 803230.7/20

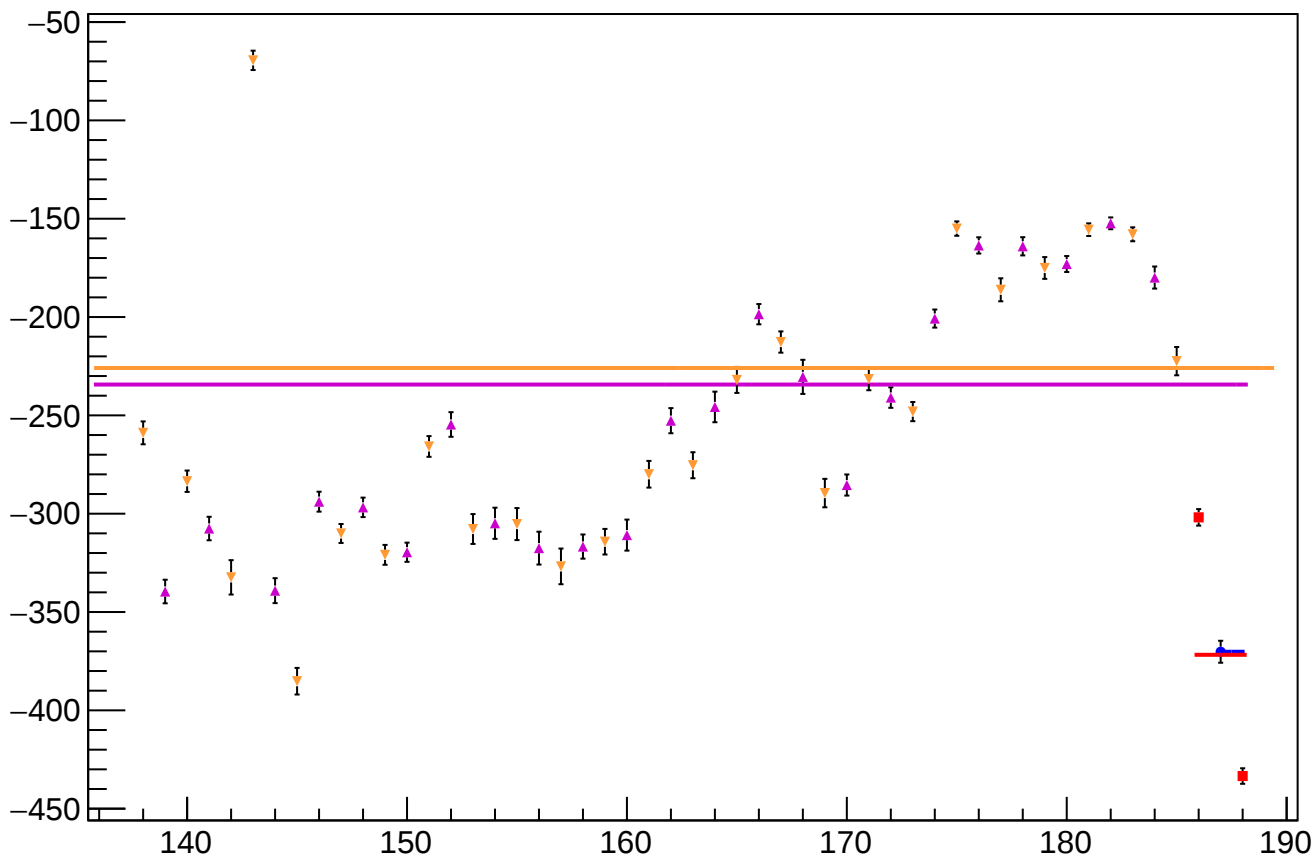
Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

+ sign 122.908 $\pm$ 0.036 χ^2 /NDF: 219860.9/42

All: 117.855 $\pm$ 0.025 χ^2 /NDF: 1244864.6/86

- sign 113.147 $\pm$ 0.035 χ^2 /NDF: 987040.8/43

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: -371.762+/-2.878 χ^2/NDF : 520.3/1

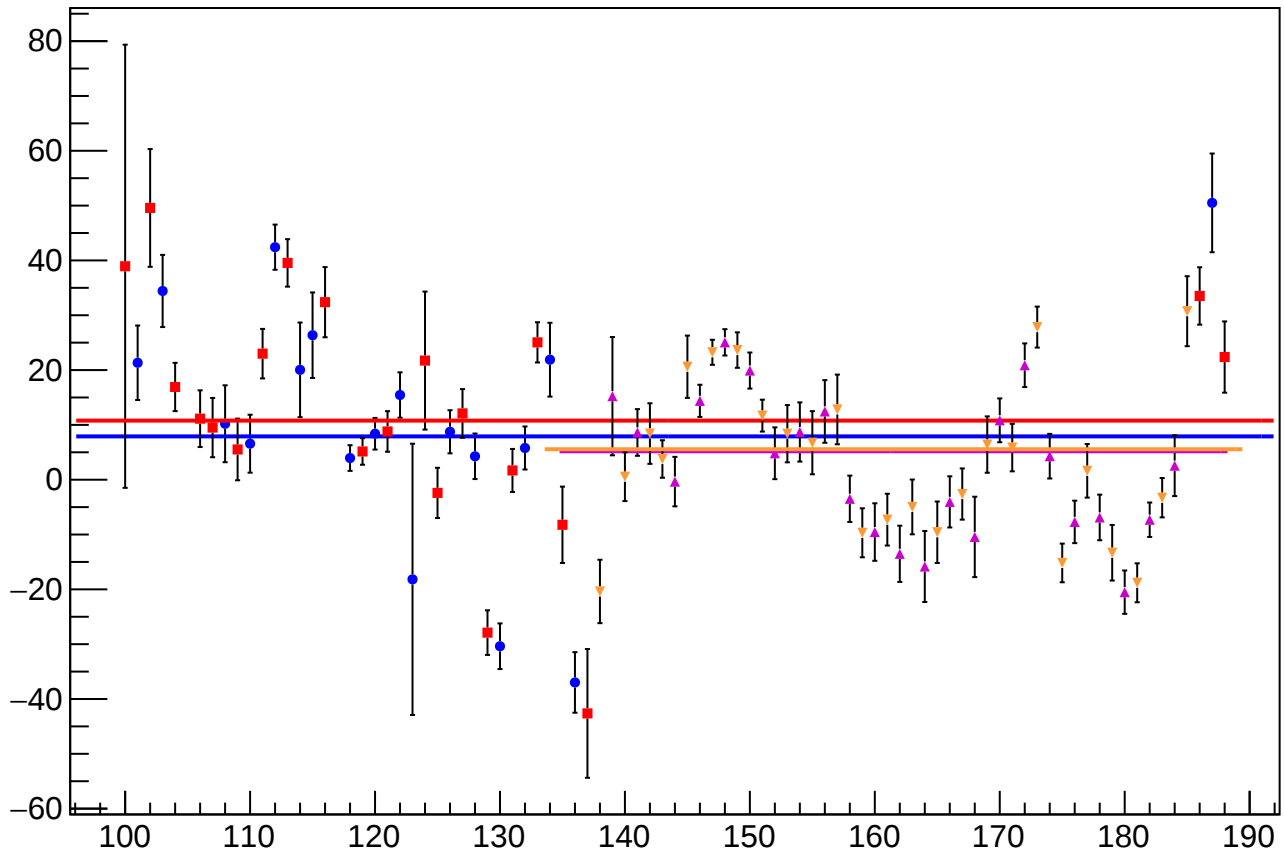
Left In: -234.328+/-1.104 χ^2/NDF : 3591.9/22

+ sign -231.140+/-1.064 χ^2/NDF : 5312.8/25

All: -241.879+/-0.740 χ^2/NDF : 11610.7/50

- sign -251.967+/-1.031 χ^2/NDF : 6100.3/24

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: 10.781 ± 1.039 χ^2/NDF : 255.0/20

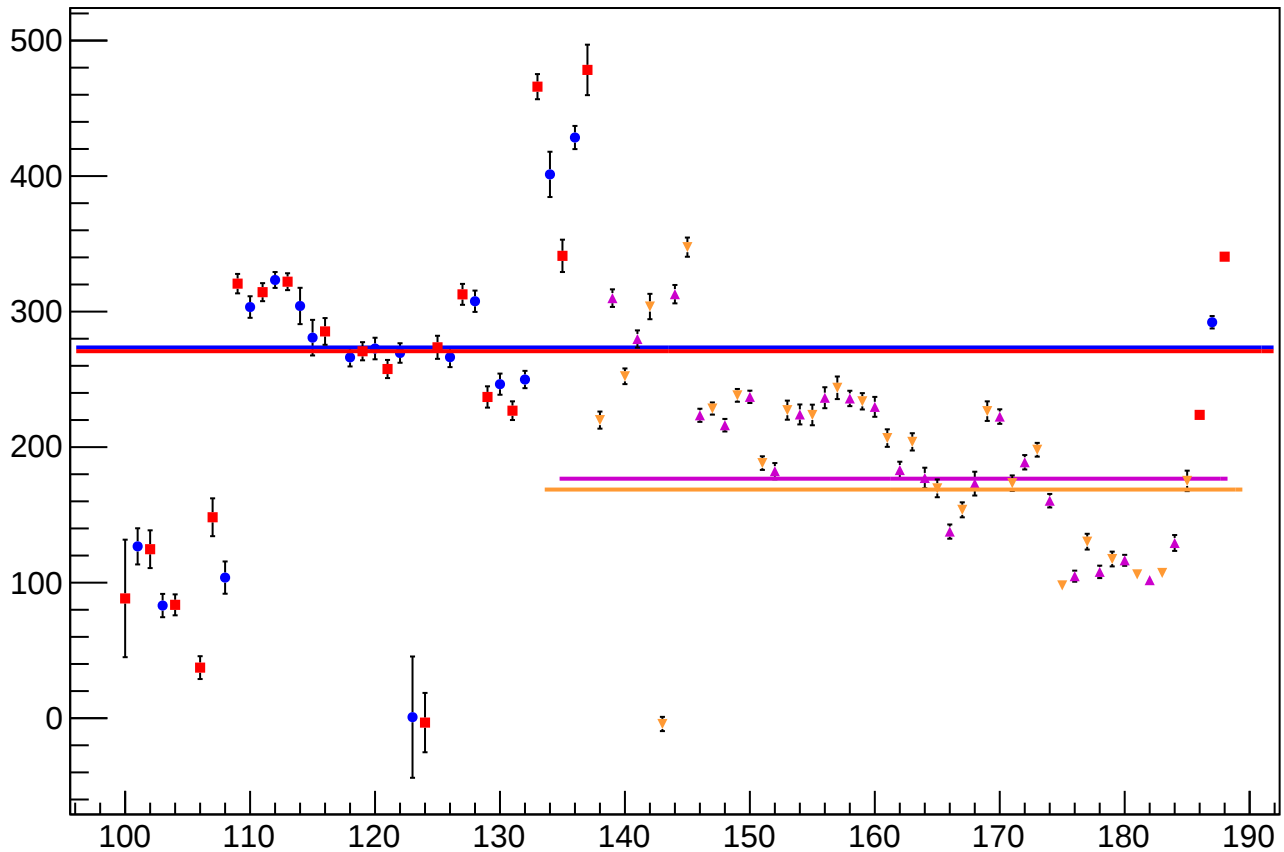
Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

+ sign 6.435 ± 0.658 χ^2/NDF : 600.2/42

All: 6.953 ± 0.468 χ^2/NDF : 1116.7/86

- sign 7.481 ± 0.665 χ^2/NDF : 515.3/43

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 273.539 $\pm$ 1.888 χ^2 /NDF: 1393.8/17

Left Out: 168.699 $\pm$ 1.086 χ^2 /NDF: 4238.2/24

Right Out: 270.778 $\pm$ 1.503 χ^2 /NDF: 3243.8/20

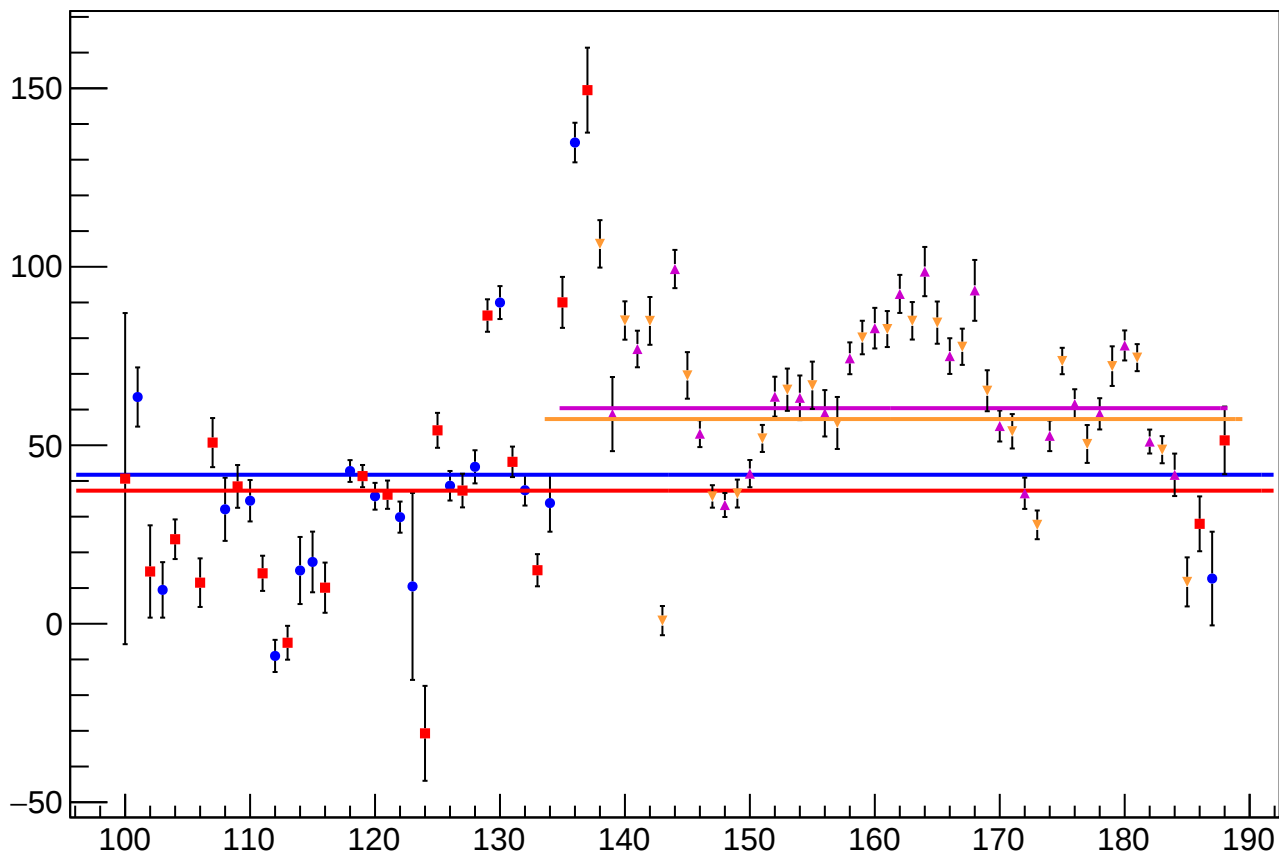
Left In: 176.711 $\pm$ 1.102 χ^2 /NDF: 3234.3/22

+ sign 194.781 $\pm$ 0.942 χ^2 /NDF: 7948.7/42

All: 202.610 $\pm$ 0.646 χ^2 /NDF: 17104.5/86

- sign 209.584 $\pm$ 0.889 χ^2 /NDF: 9025.1/43

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 41.740 ± 1.250 $\chi^2/\text{NDF}: 580.5/17$

Left Out: 57.343 ± 0.956 $\chi^2/\text{NDF}: 641.5/24$

Right Out: 37.283 ± 1.211 $\chi^2/\text{NDF}: 476.3/20$

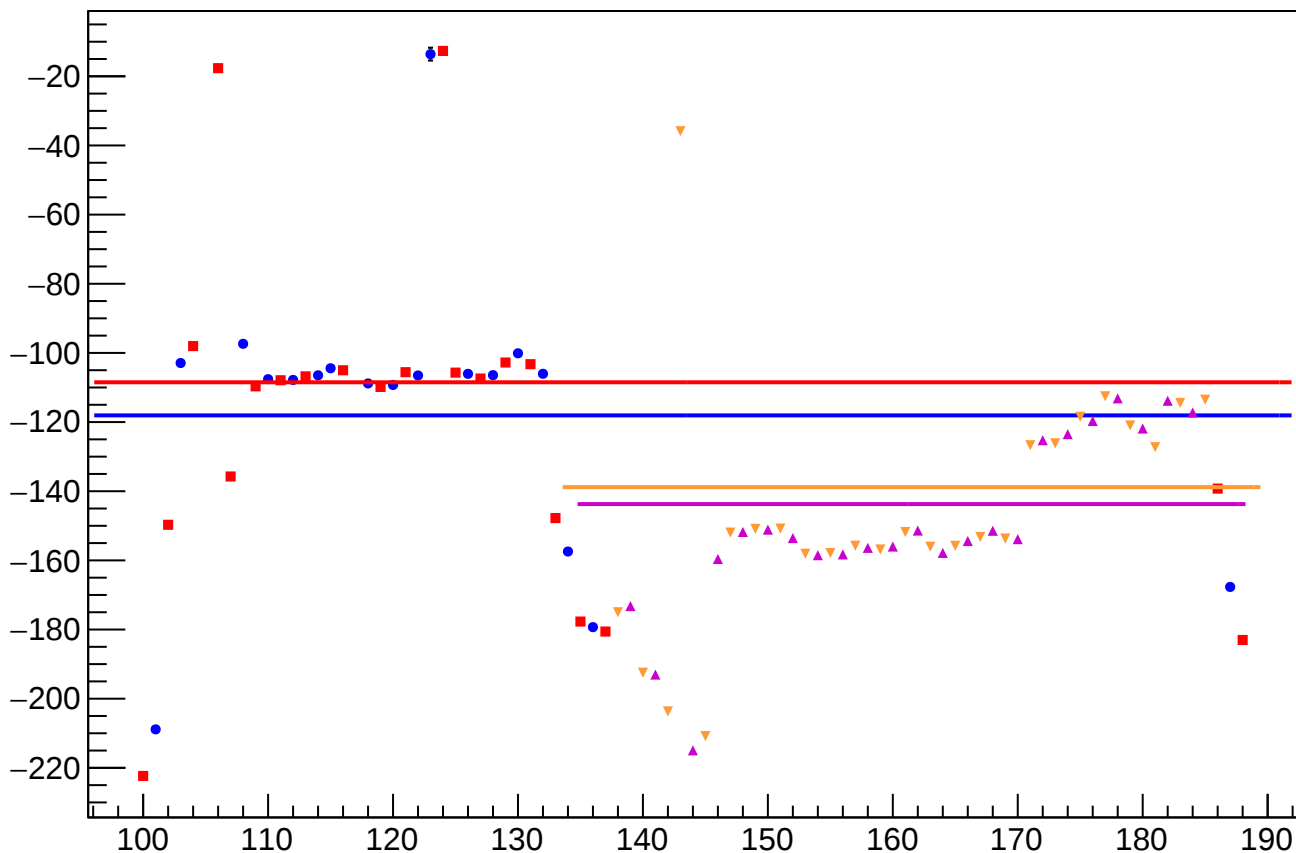
Left In: 60.392 ± 0.987 $\chi^2/\text{NDF}: 341.2/22$

+ sign 51.582 ± 0.759 $\chi^2/\text{NDF}: 1320.3/42$

All: 51.378 ± 0.539 $\chi^2/\text{NDF}: 2356.7/86$

- sign 51.170 ± 0.765 $\chi^2/\text{NDF}: 1036.2/43$

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: -108.493+/-0.071 χ^2/NDF : 357531.5/20

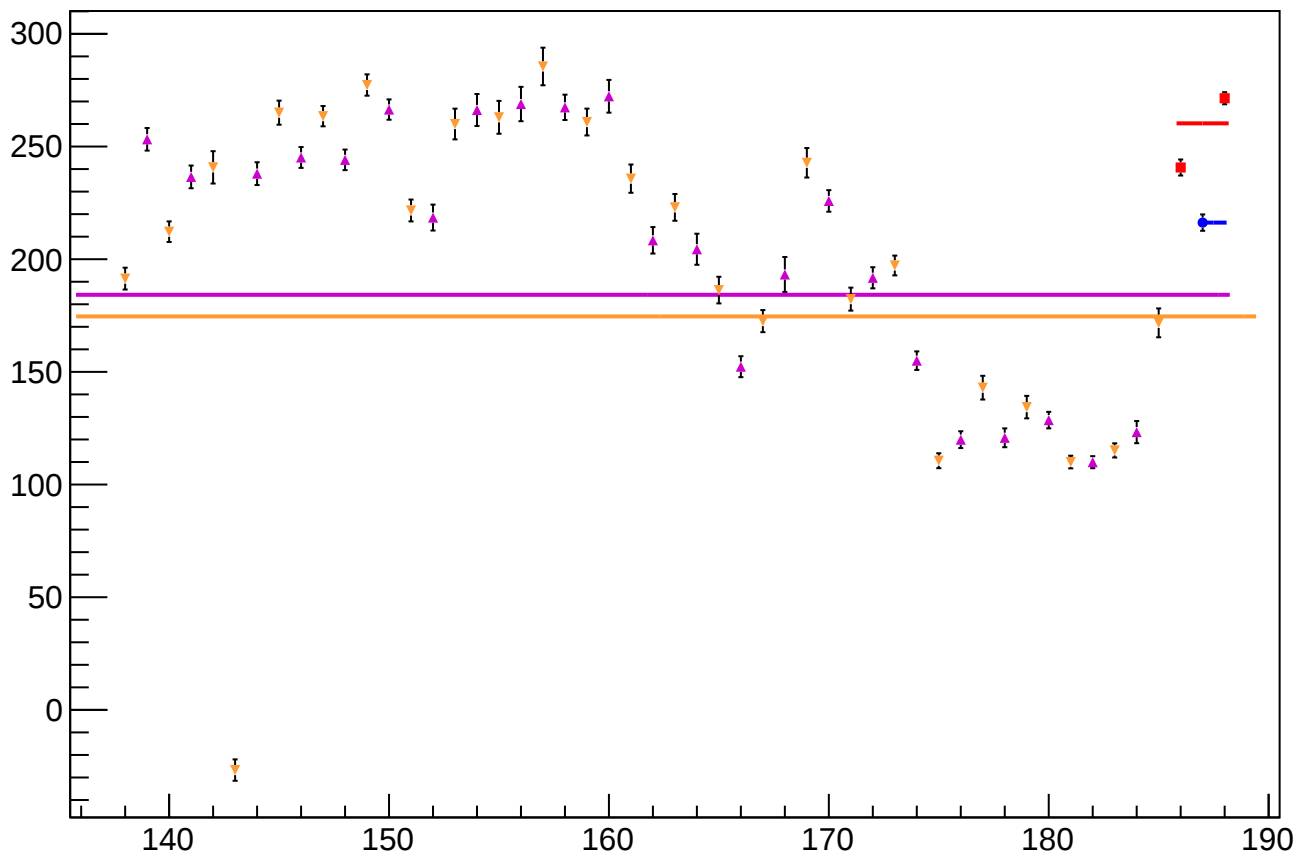
Left In: -143.726+/-0.046 χ^2/NDF : 260994.5/22

+ sign -133.543+/-0.039 χ^2/NDF : 725478.5/42

All: -133.460+/-0.027 χ^2/NDF : 1516995.5/86

- sign -133.379+/-0.039 χ^2/NDF : 791508.1/43

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: 260.292 $\pm$ 2.144 χ^2 /NDF: 47.5/1

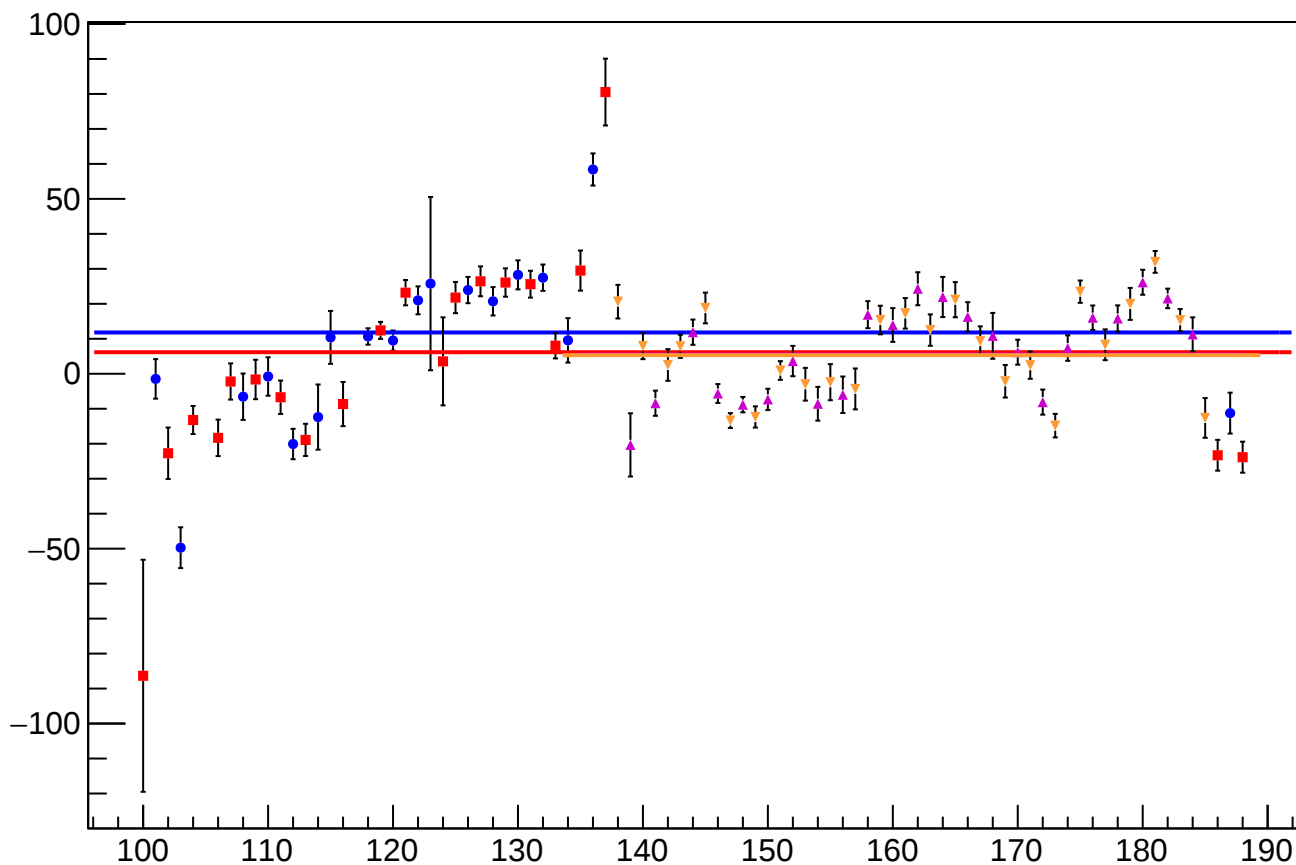
Left In: 184.205 $\pm$ 0.987 χ^2 /NDF:3637.1/22

+ sign 177.381 $\pm$ 0.936 χ^2 /NDF: 5674.0/25

All: 187.881 $\pm$ 0.647 χ^2 /NDF: 10639.1/50

- sign 197.508 $\pm$ 0.896 χ^2 /NDF: 4724.0/24

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 11.811+/-1.039 χ^2/NDF : 363.8/17

Left Out: 5.314+/-0.750 χ^2/NDF : 345.1/24

Right Out: 6.163+/-0.996 χ^2/NDF : 396.9/20

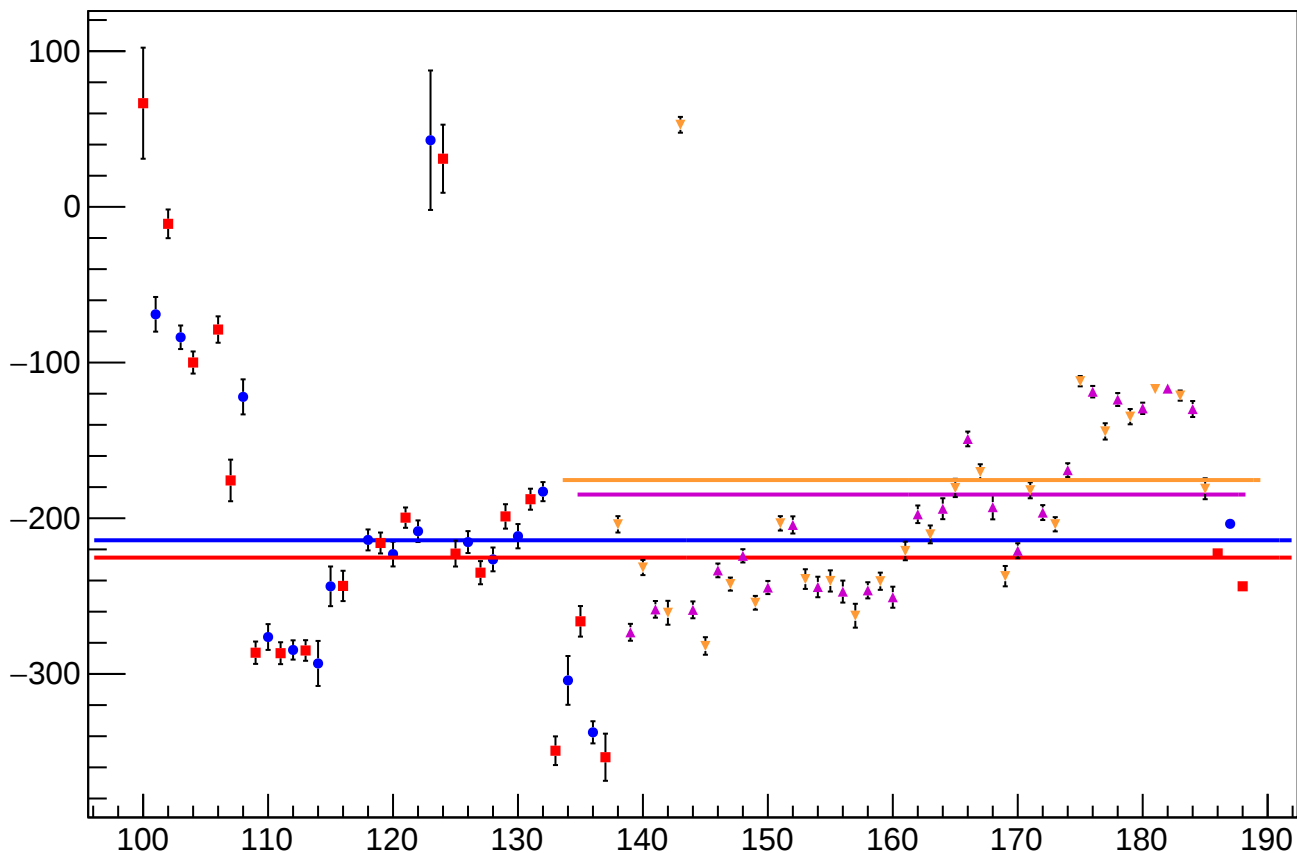
Left In: 5.483+/-0.779 χ^2/NDF : 259.1/22

+ sign 7.542+/-0.608 χ^2/NDF : 734.6/42

All: 6.649+/-0.432 χ^2/NDF : 1395.2/86

- sign 5.741+/-0.614 χ^2/NDF : 656.3/43

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: -225.272 ± 1.284 χ^2/NDF : 2007.3/20

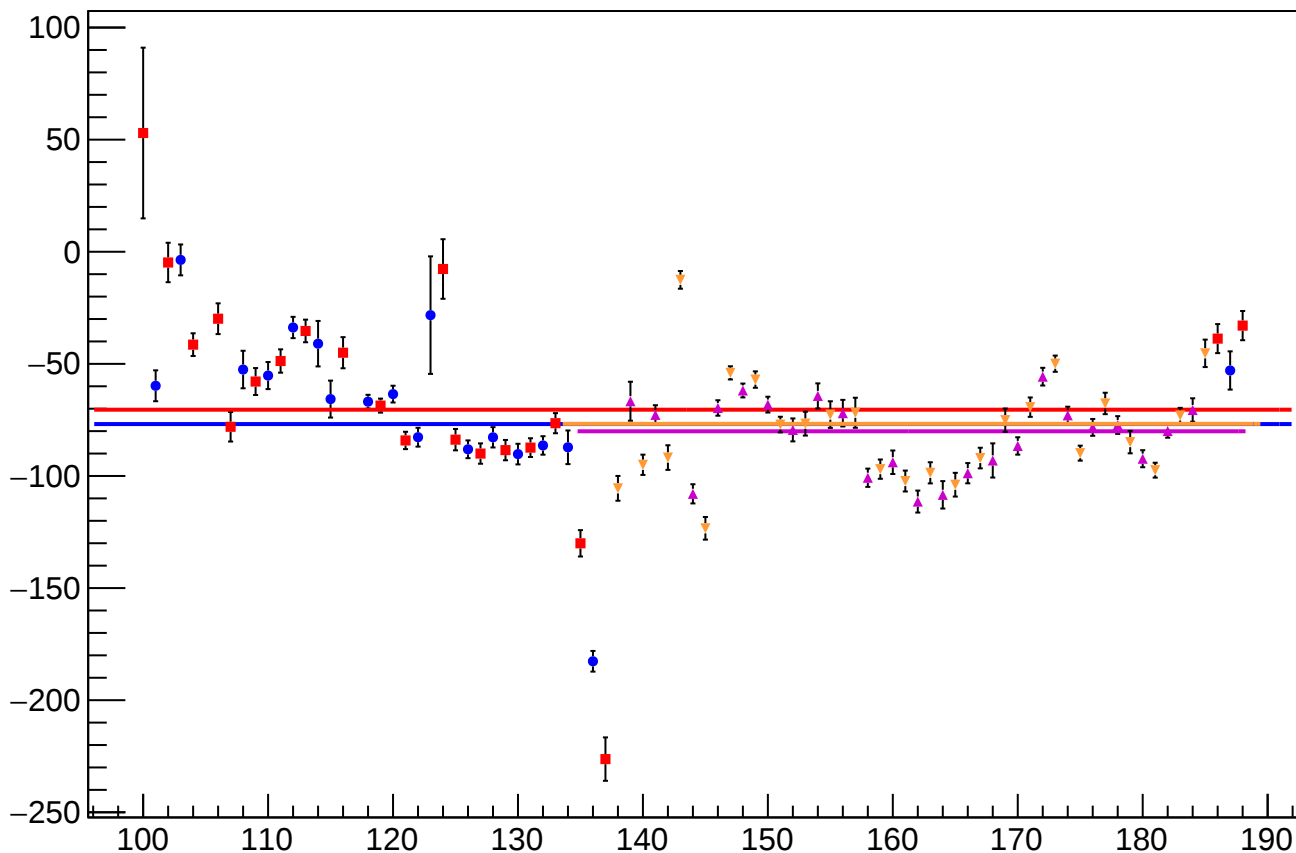
Left In: -184.774 ± 0.987 χ^2/NDF : 3082.4/22

+ sign -185.332 ± 0.841 χ^2/NDF : 6670.8/42

All: -193.093 ± 0.573 χ^2/NDF : 12545.2/86

- sign -199.817 ± 0.782 χ^2/NDF : 5715.2/43

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: -70.442 ± 1.169 χ^2/NDF : 733.9/20

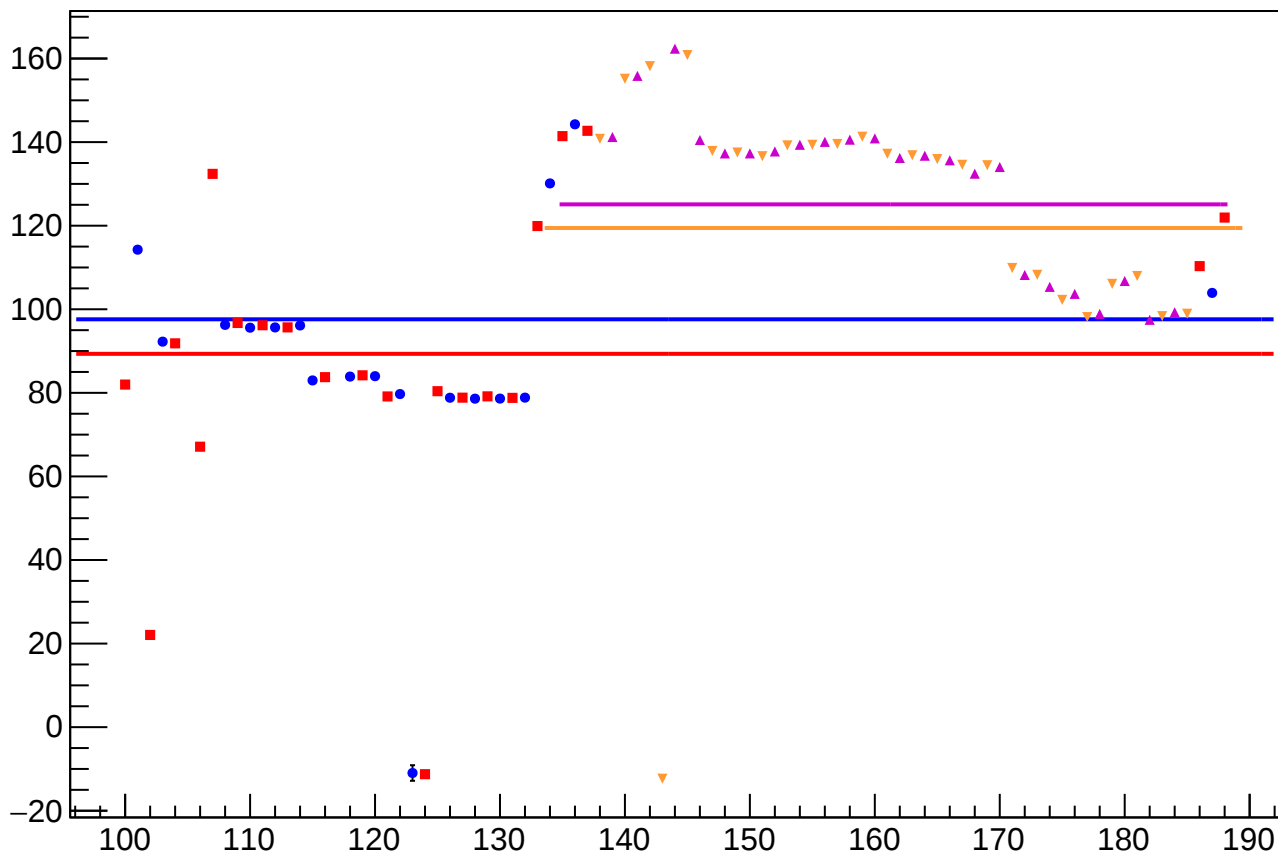
Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

+ sign -76.783 ± 0.701 χ^2/NDF : 1572.1/42

All: -76.669 ± 0.497 χ^2/NDF : 2635.9/86

- sign -76.554 ± 0.706 χ^2/NDF : 1063.8/43

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: 89.338 $\pm$ 0.066 χ^2 /NDF: 235726.1/20

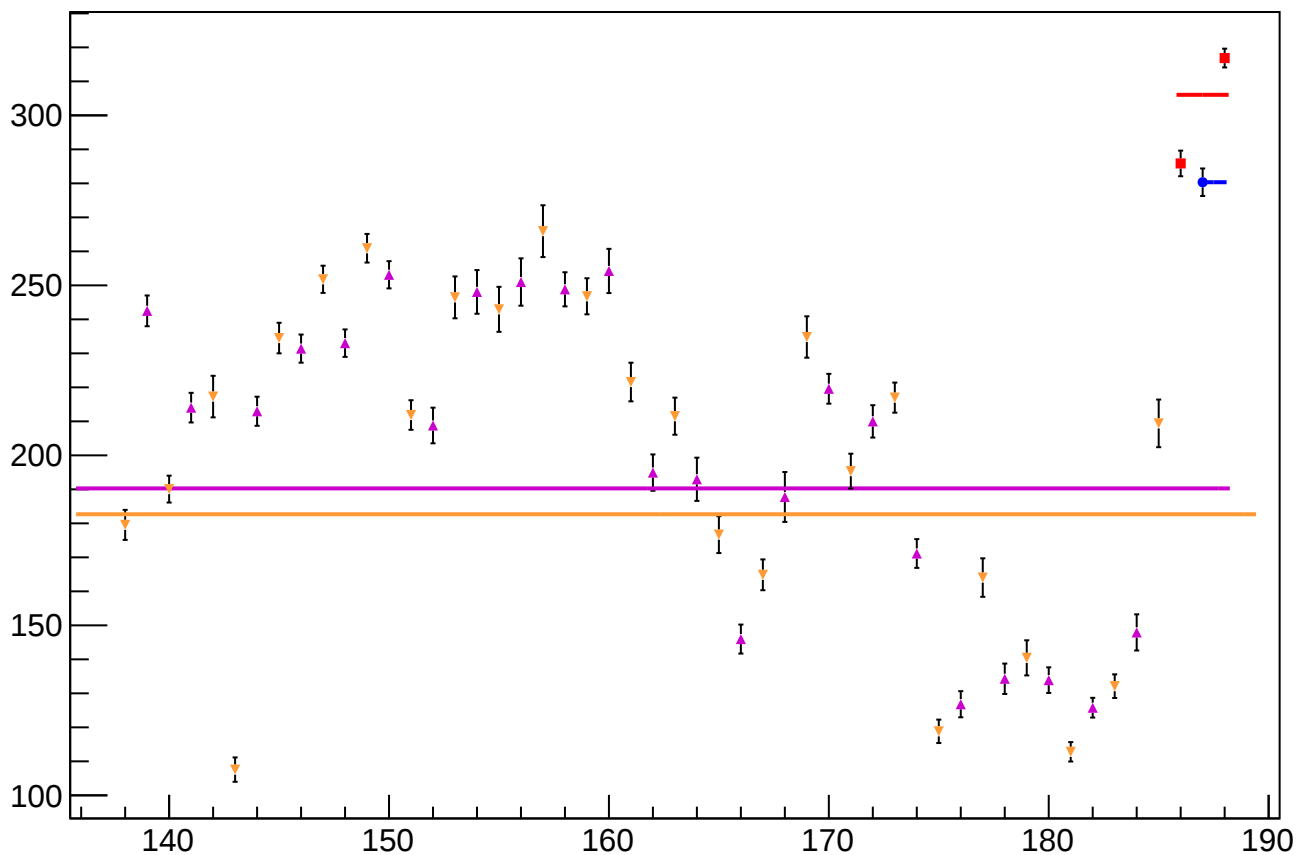
Left In: 125.101 $\pm$ 0.041 χ^2 /NDF: 222793.3/22

+ sign 114.219 $\pm$ 0.035 χ^2 /NDF: 823949.9/42

All: 114.668 $\pm$ 0.025 χ^2 /NDF: 1494488.4/86

- sign 115.103 $\pm$ 0.035 χ^2 /NDF: 670222.4/43

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: 306.044 $\pm$ 2.226 χ^2 /NDF: 44.1/1

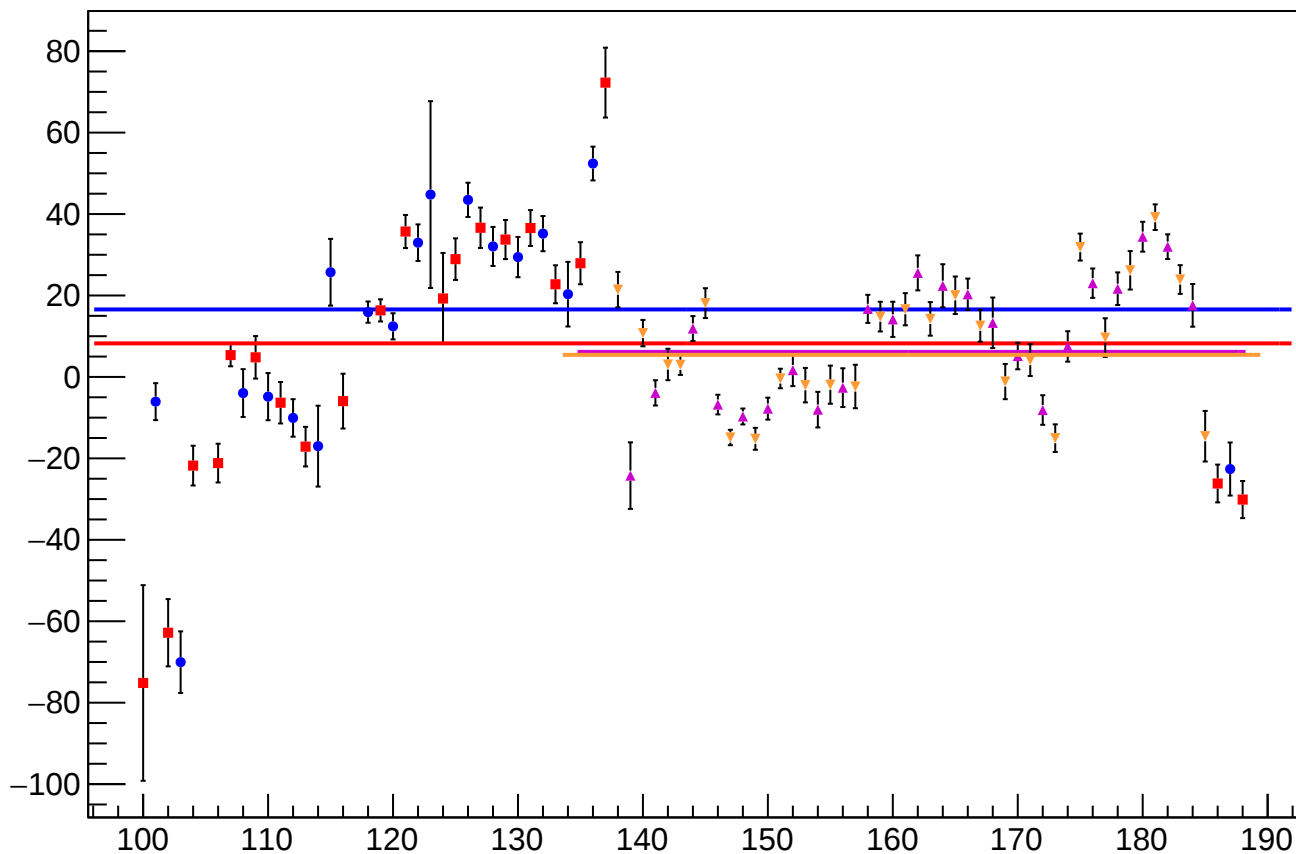
Left In: 190.279 $\pm$ 0.949 χ^2 /NDF:2452.9/22

+ sign 187.457 $\pm$ 0.896 χ^2 /NDF: 3784.5/25

All: 198.036 $\pm$ 0.625 χ^2 /NDF: 8842.4/50

- sign 208.083 $\pm$ 0.873 χ^2 /NDF: 4785.9/24

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: 8.236+/-1.030 χ^2/NDF : 583.4/20

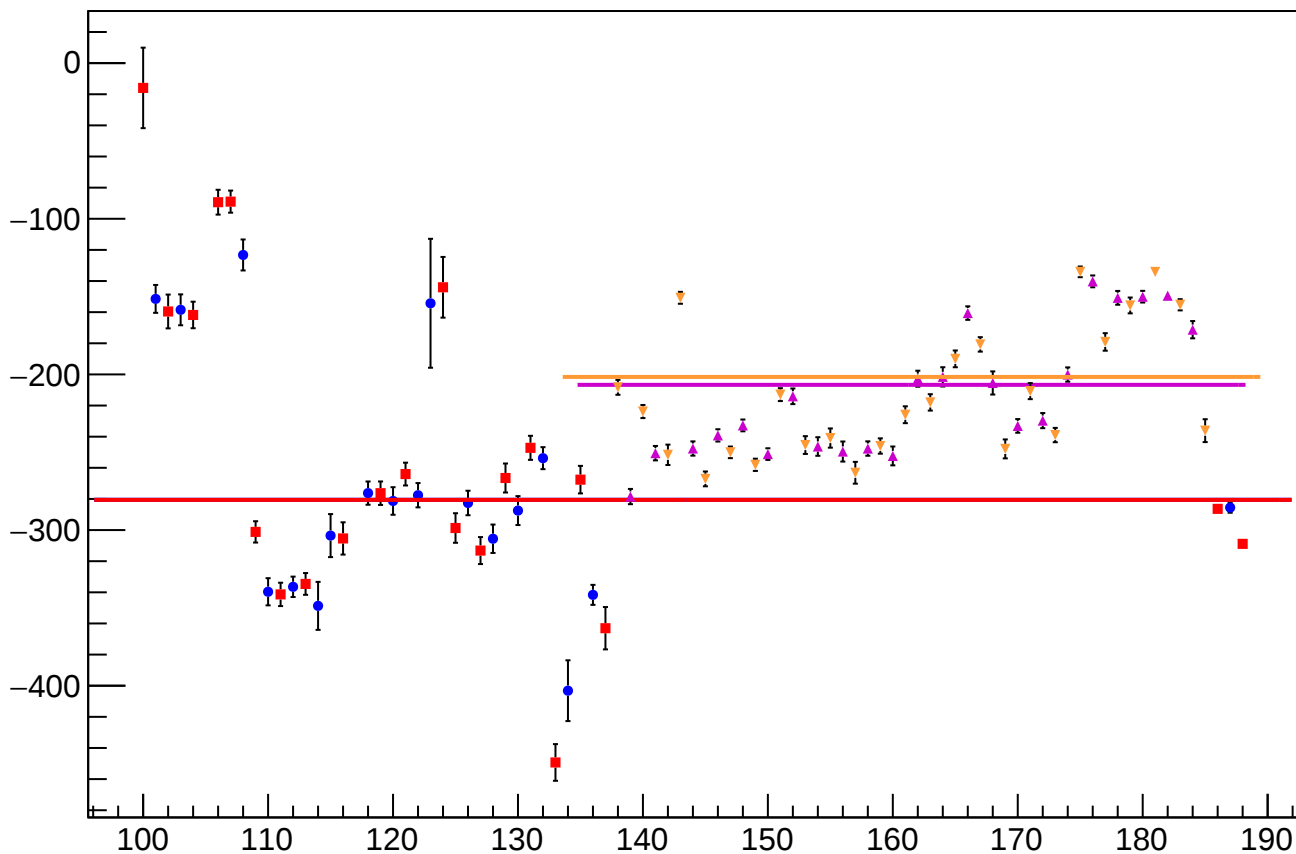
Left In: 6.151+/-0.730 χ^2/NDF : 410.6/22

+ sign 8.474+/-0.590 χ^2/NDF : 1028.4/42

All: 7.668+/-0.419 χ^2/NDF : 2028.8/86

- sign 6.848+/-0.596 χ^2/NDF : 996.7/43

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: -280.601 ± 1.339 χ^2/NDF : 2367.8/20

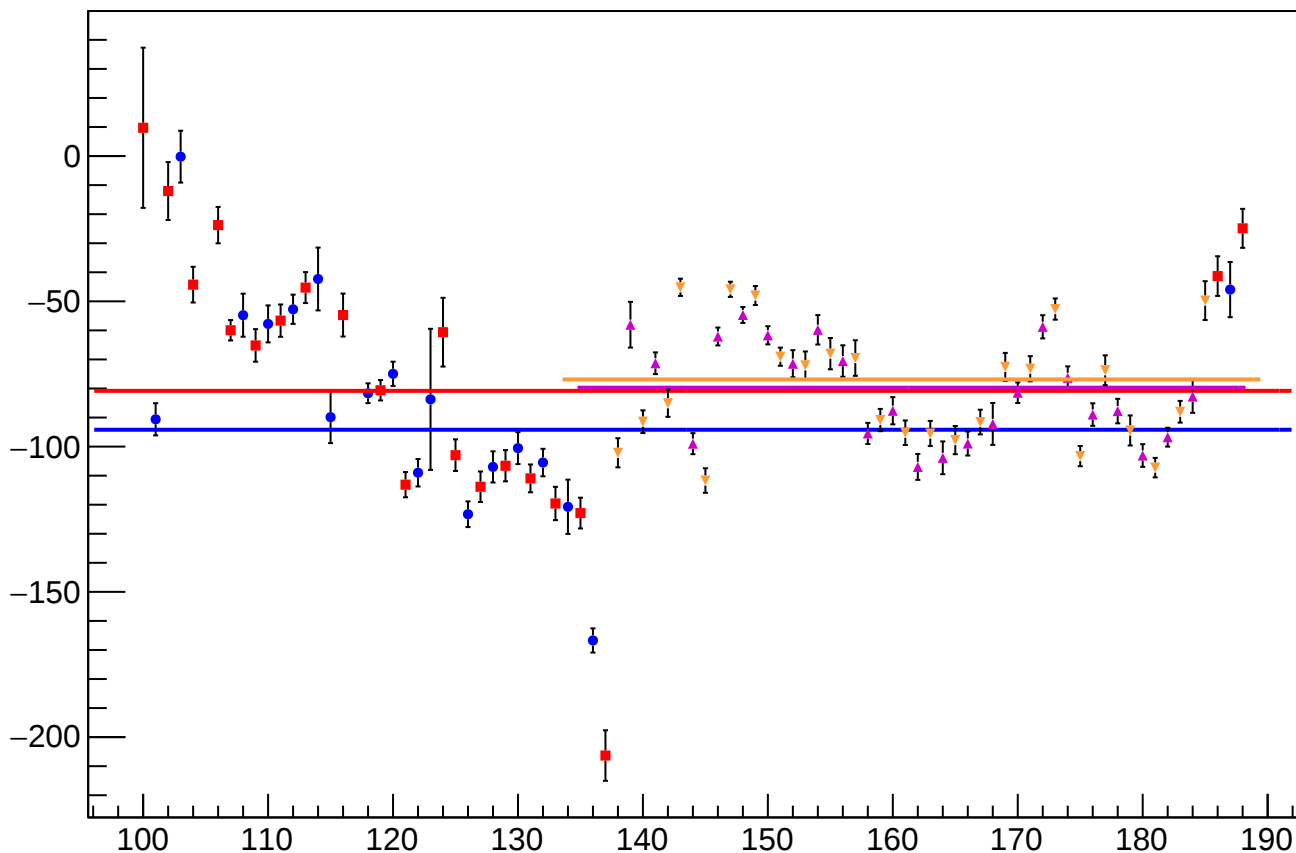
Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

+ sign -217.800 ± 0.822 χ^2/NDF : 4877.7/42

All: -224.975 ± 0.563 χ^2/NDF : 11555.5/86

- sign -231.309 ± 0.773 χ^2/NDF : 6534.5/43

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: -80.812 ± 1.217 χ^2/NDF : 892.8/20

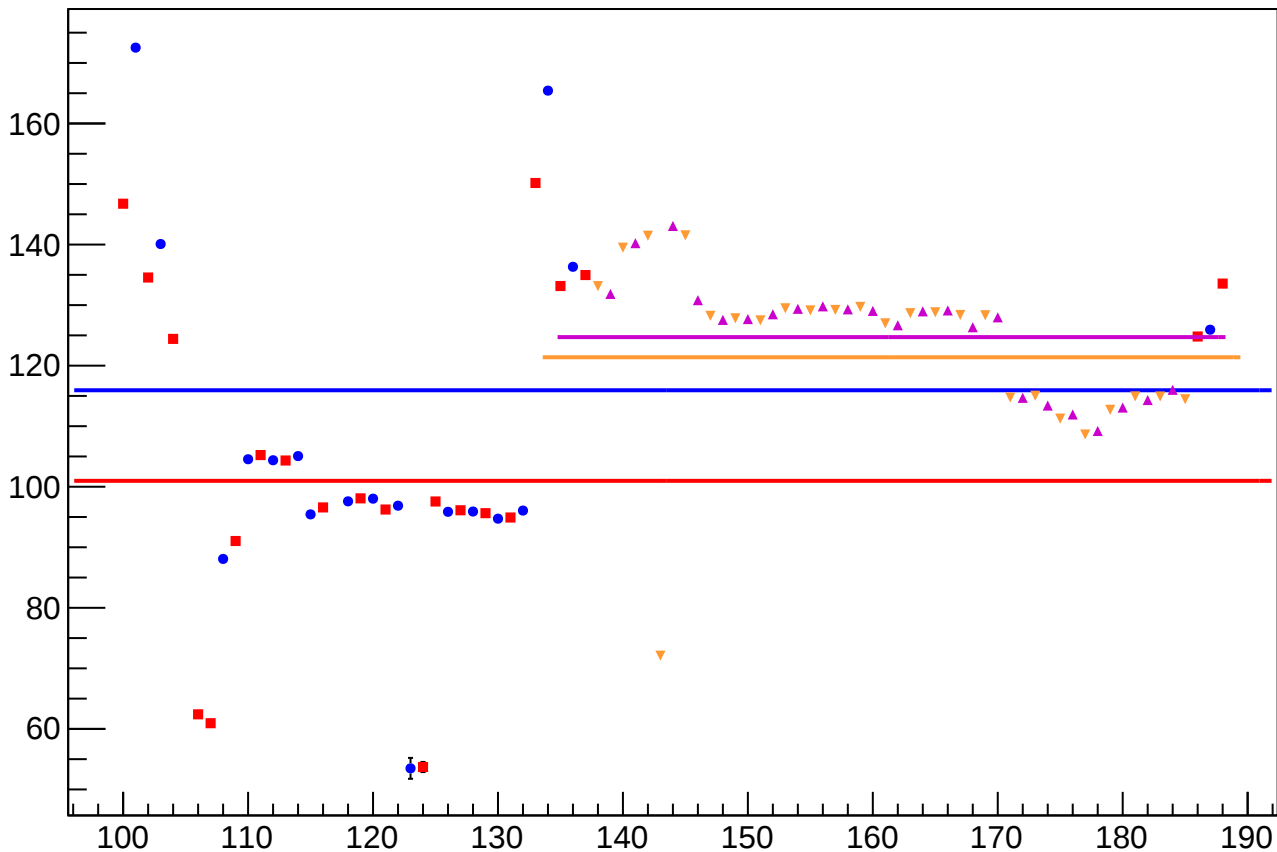
Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

+ sign -81.593 ± 0.684 χ^2/NDF : 1587.3/42

All: -80.838 ± 0.486 χ^2/NDF : 2898.2/86

- sign -80.070 ± 0.690 χ^2/NDF : 1308.5/43

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: 100.976 $\pm$ 0.066 χ^2 /NDF: 186756.8/20

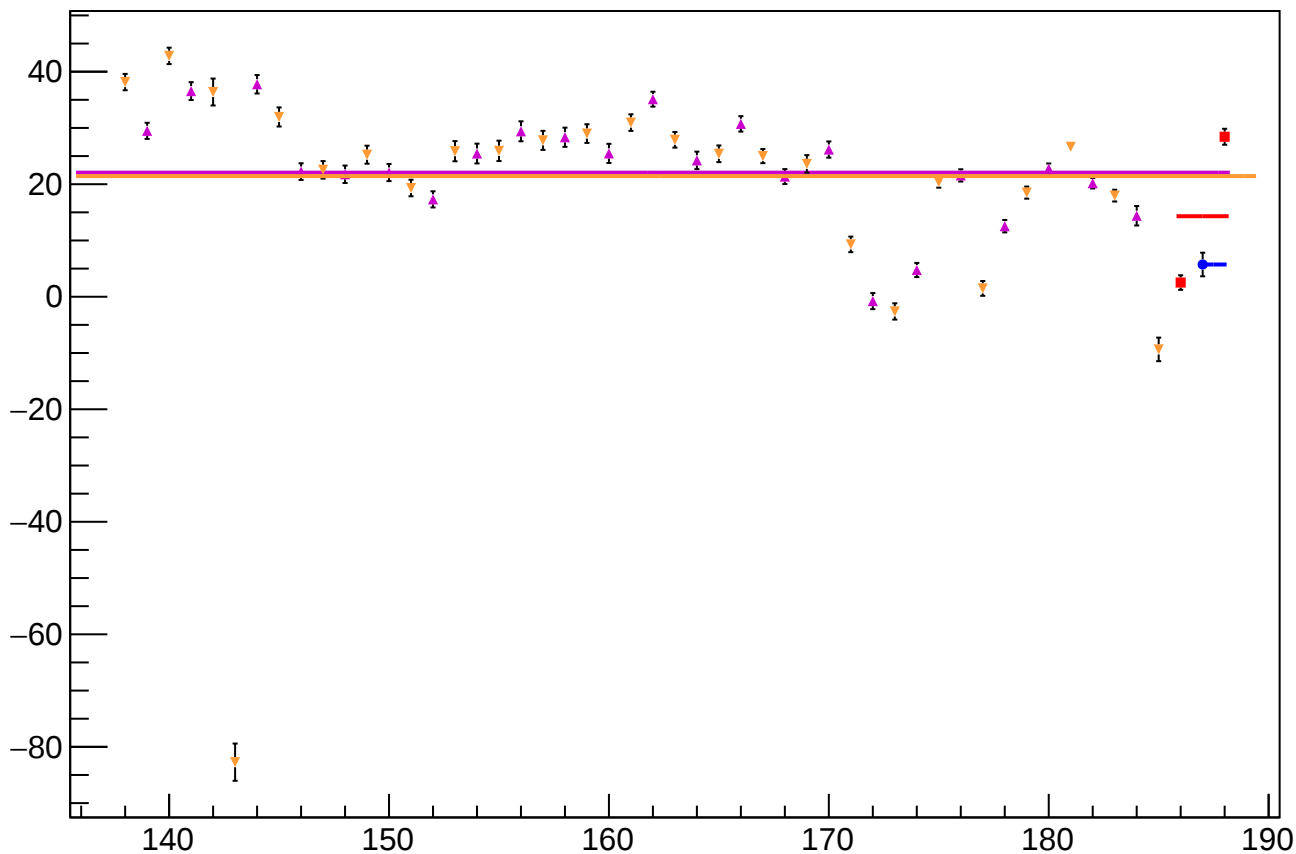
Left In: 124.714 $\pm$ 0.039 χ^2 /NDF:51750.7/22

+ sign 120.310 $\pm$ 0.034 χ^2 /NDF: 275617.7/42

All: 119.443 $\pm$ 0.024 χ^2 /NDF: 610311.7/86

- sign 118.607 $\pm$ 0.034 χ^2 /NDF: 333438.1/43

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 5.730 ± 2.097 χ^2/NDF : 0.0/0

Left Out: 21.435 ± 0.283 χ^2/NDF : 2406.2/24

Right Out: 14.311 ± 0.956 χ^2/NDF : 182.1/1

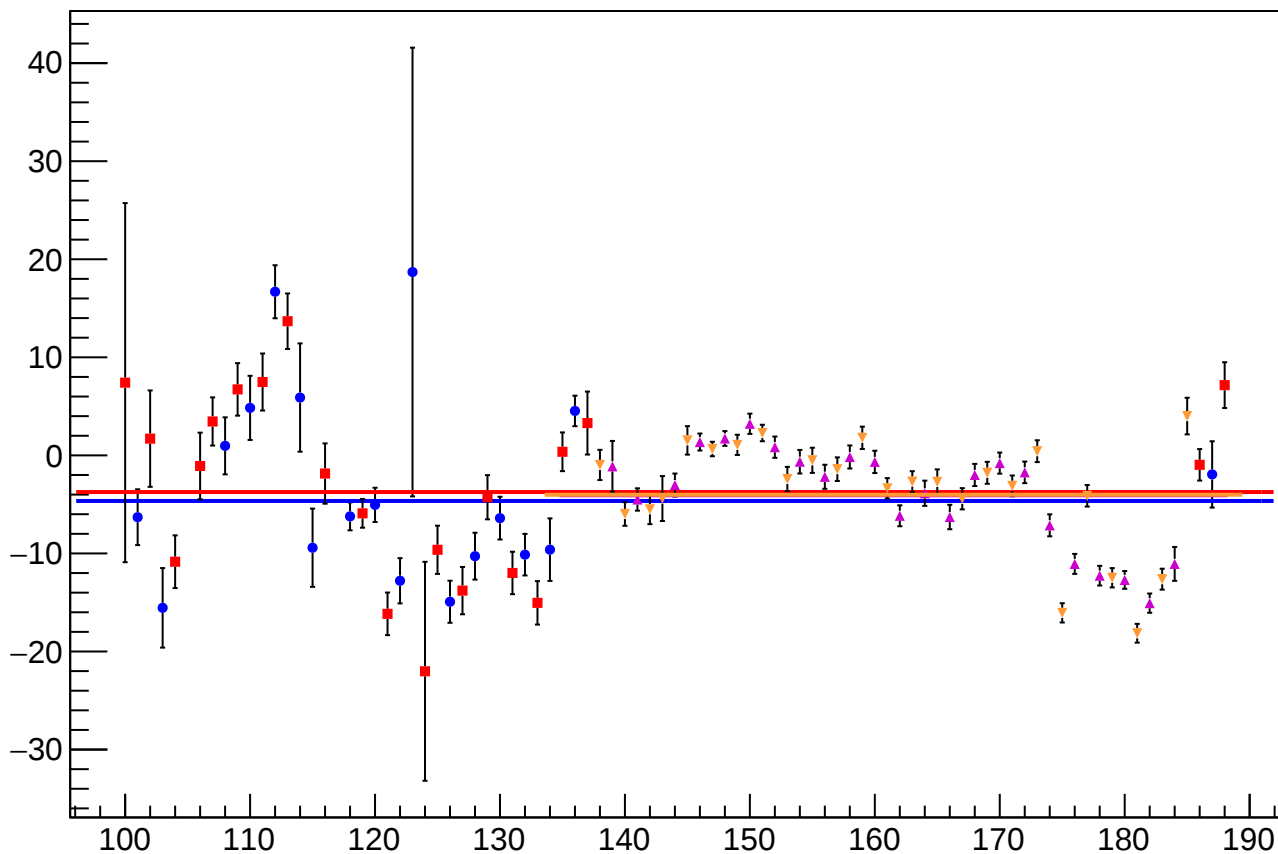
Left In: 22.055 ± 0.284 χ^2/NDF : 941.3/22

+ sign 21.155 ± 0.280 χ^2/NDF : 2461.3/25

All: 21.294 ± 0.195 χ^2/NDF : 3645.5/50

- sign 21.426 ± 0.272 χ^2/NDF : 1183.7/24

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: -3.739 ± 0.536 χ^2/NDF : 221.5/20

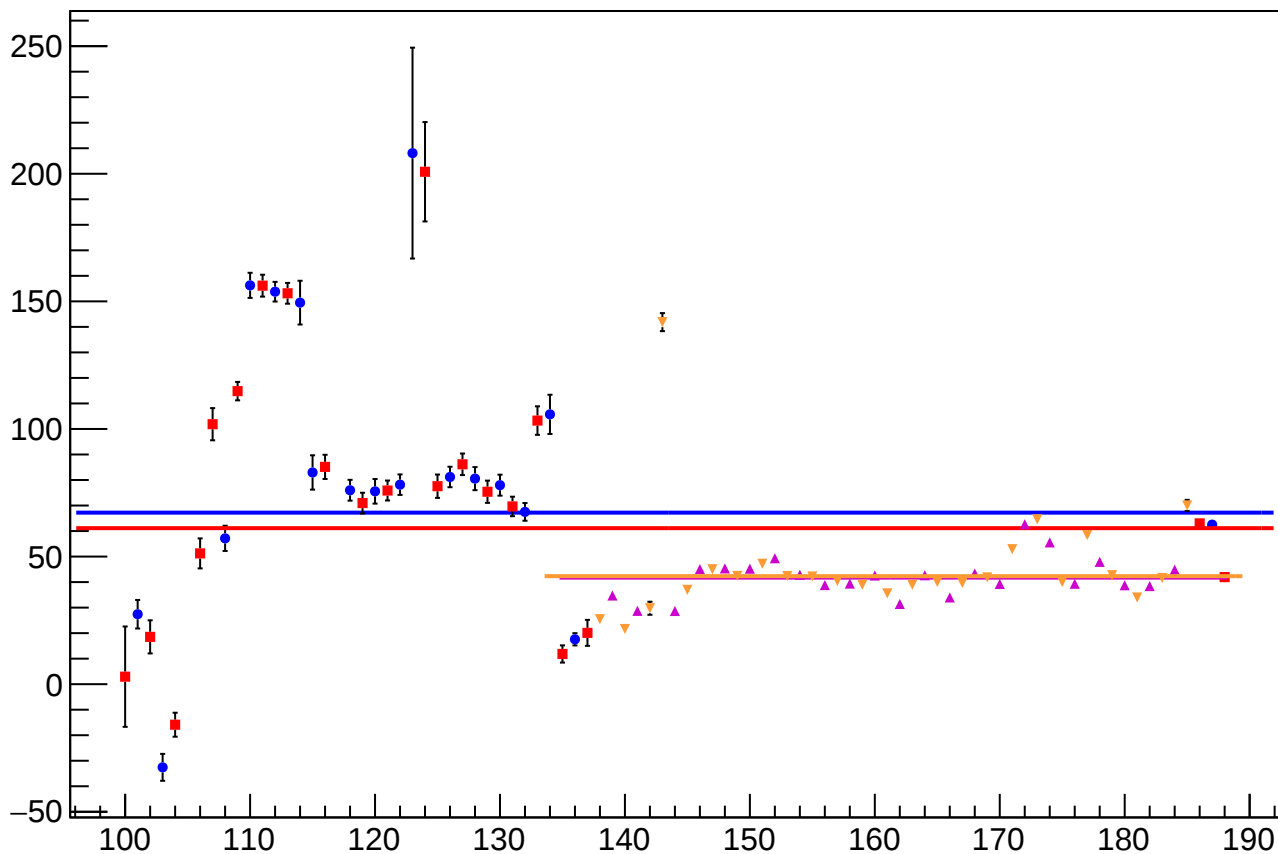
Left In: -4.069 ± 0.227 χ^2/NDF : 580.1/22

+ sign -4.099 ± 0.208 χ^2/NDF : 908.2/42

All: -4.059 ± 0.148 χ^2/NDF : 1710.2/86

- sign -4.019 ± 0.209 χ^2/NDF : 801.9/43

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 67.214 ± 0.913 χ^2/NDF : 1858.2/17

Left Out: 42.322 ± 0.282 χ^2/NDF : 1855.5/24

Right Out: 61.130 ± 0.625 χ^2/NDF : 2369.1/20

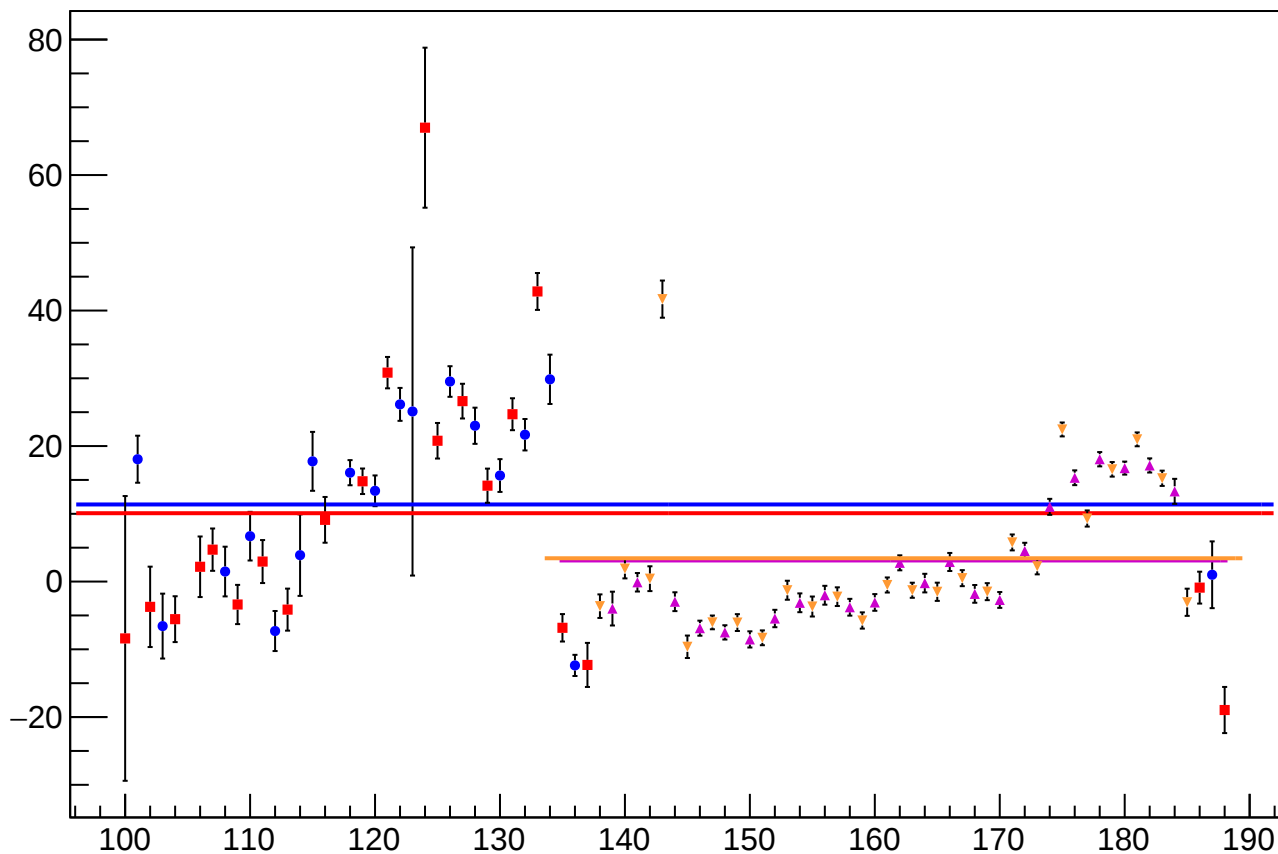
Left In: 41.755 ± 0.283 χ^2/NDF : 659.6/22

+ sign 44.491 ± 0.270 χ^2/NDF : 4392.1/42

All: 44.785 ± 0.186 χ^2/NDF : 8221.4/86

- sign 45.055 ± 0.258 χ^2/NDF : 3827.0/43

reg_asym_atl_dd_atr_dd_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: 10.089 $\pm$ 0.629 χ^2 /NDF: 646.7/20

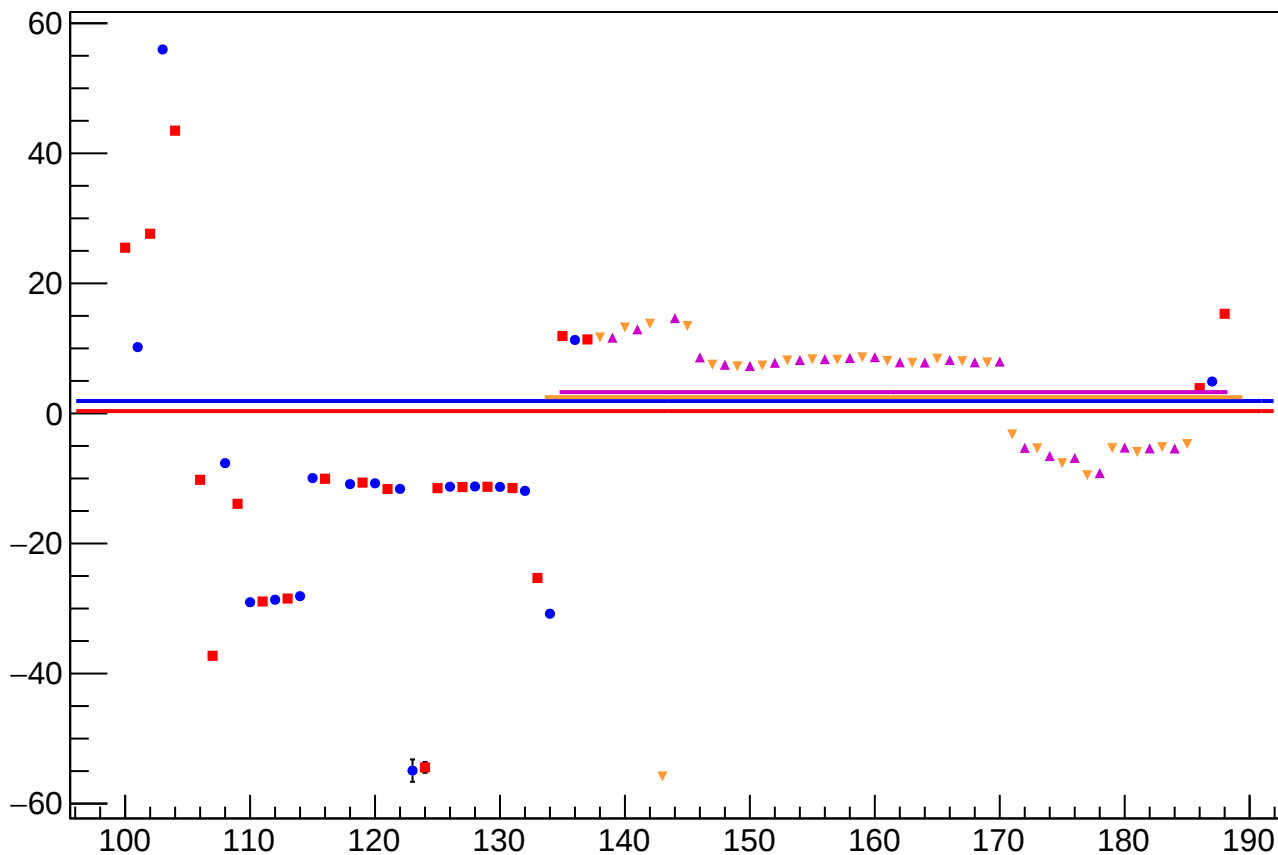
Left In: 3.114 $\pm$ 0.256 χ^2 /NDF: 1273.1/22

+ sign 4.473 $\pm$ 0.235 χ^2 /NDF: 2259.2/42

All: 4.292 $\pm$ 0.167 χ^2 /NDF: 4285.8/86

- sign 4.109 $\pm$ 0.237 χ^2 /NDF: 2025.4/43

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.909 $\pm$ 0.037 χ^2 /NDF: 359532.7/17

Left Out: 2.497 $\pm$ 0.012 χ^2 /NDF: 588138.5/24

Right Out: 0.359 $\pm$ 0.035 χ^2 /NDF: 371816.0/20

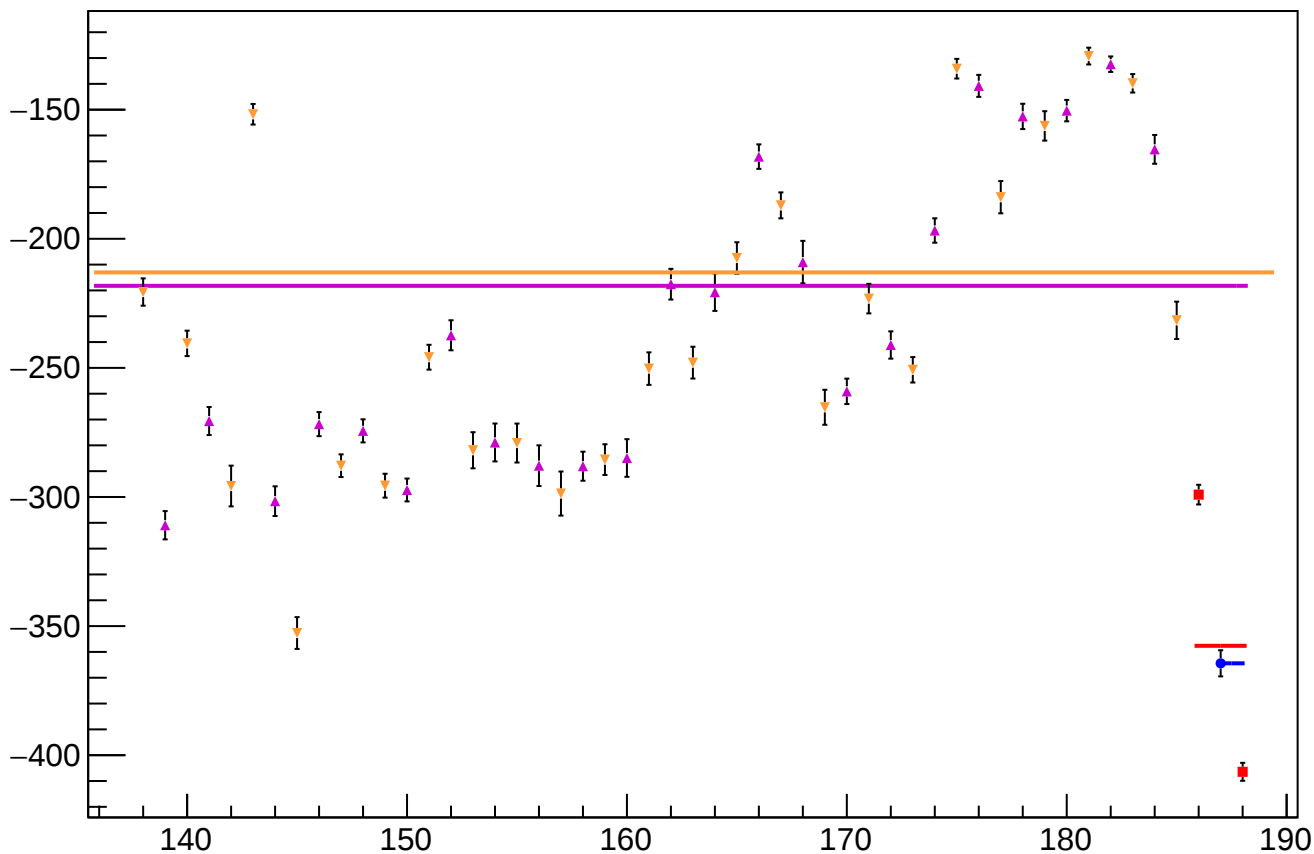
Left In: 3.281 $\pm$ 0.012 χ^2 /NDF: 409605.3/22

+ sign 2.443 $\pm$ 0.011 χ^2 /NDF: 947905.0/42

All: 2.720 $\pm$ 0.008 χ^2 /NDF: 1736780.1/86

- sign 2.995 $\pm$ 0.011 χ^2 /NDF: 787623.1/43

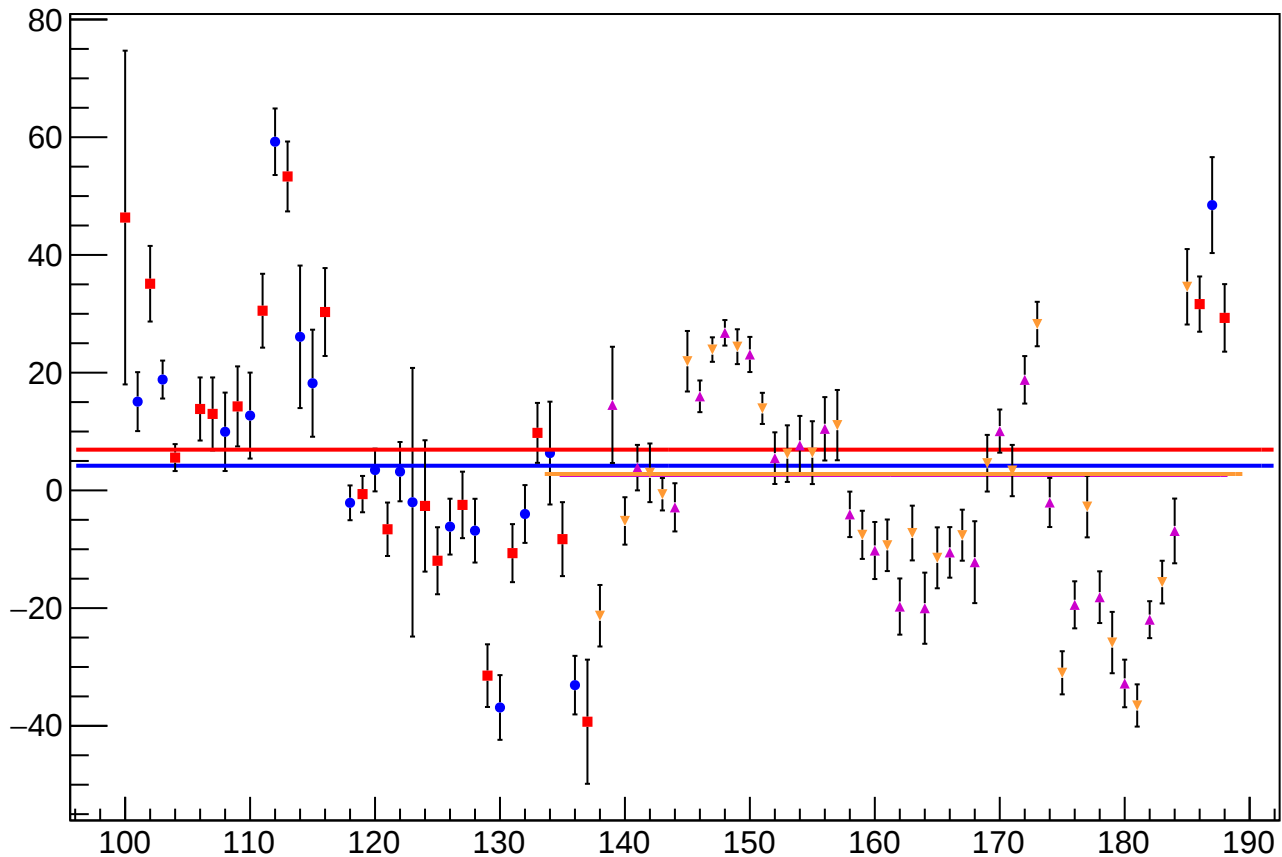
reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -364.416 ± 5.062 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -213.020 ± 1.035 $\chi^2/\text{NDF}: 3826.2/24$
 Right Out: -357.632 ± 2.569 $\chi^2/\text{NDF}: 432.9/1$
 Left In: -218.216 ± 1.063 $\chi^2/\text{NDF}: 3499.0/22$

+ sign -219.100 ± 1.014 $\chi^2/\text{NDF}: 4684.9/25$
 All: -229.162 ± 0.706 $\chi^2/\text{NDF}: 11322.0/50$
 - sign -238.592 ± 0.982 $\chi^2/\text{NDF}: 6446.6/24$

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: 6.920 ± 1.105 χ^2/NDF : 272.8/20

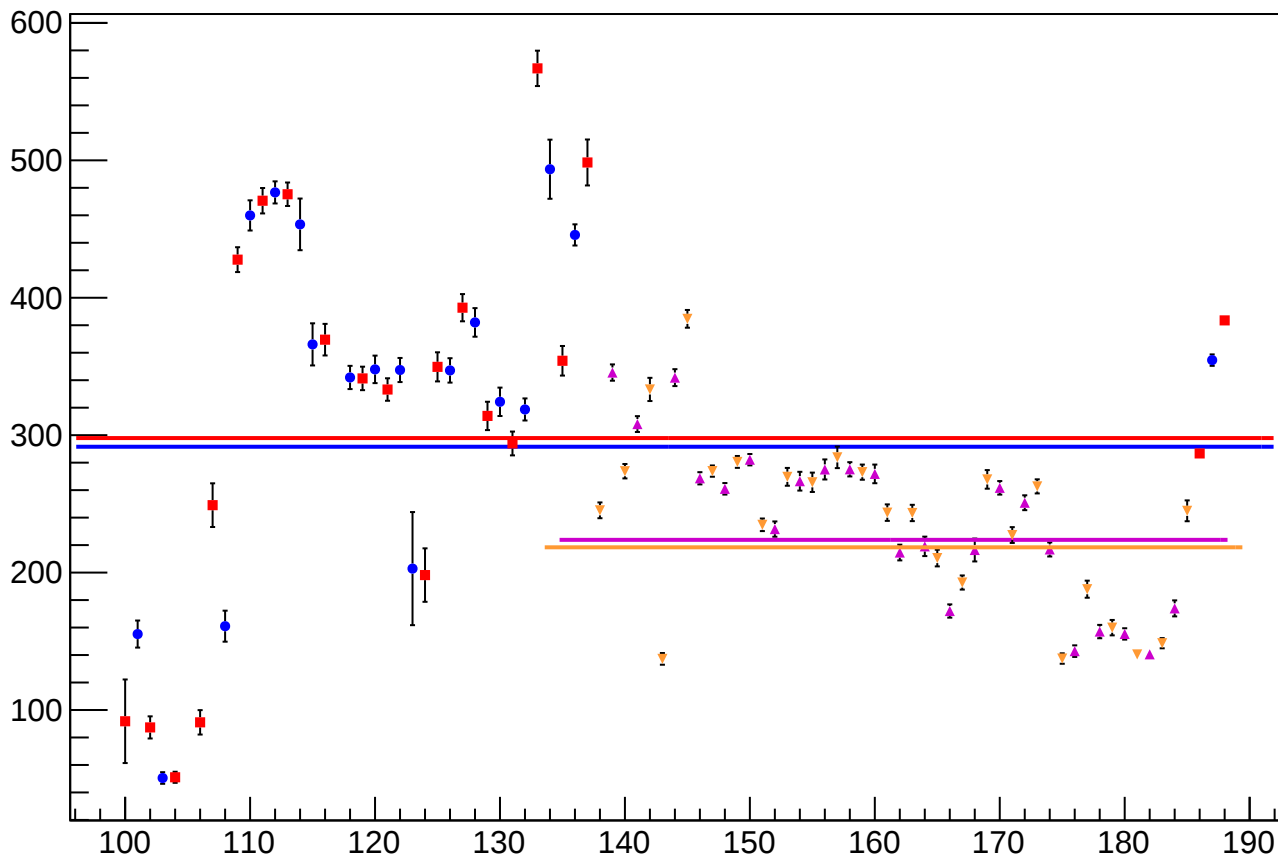
Left In: 2.619 ± 0.821 χ^2/NDF : 477.6/22

+ sign 3.197 ± 0.656 χ^2/NDF : 868.8/42

All: 3.671 ± 0.465 χ^2/NDF : 1630.0/86

- sign 4.148 ± 0.659 χ^2/NDF : 760.1/43

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: 297.892 $\pm$ 1.465 χ^2/NDF : 7791.6/20

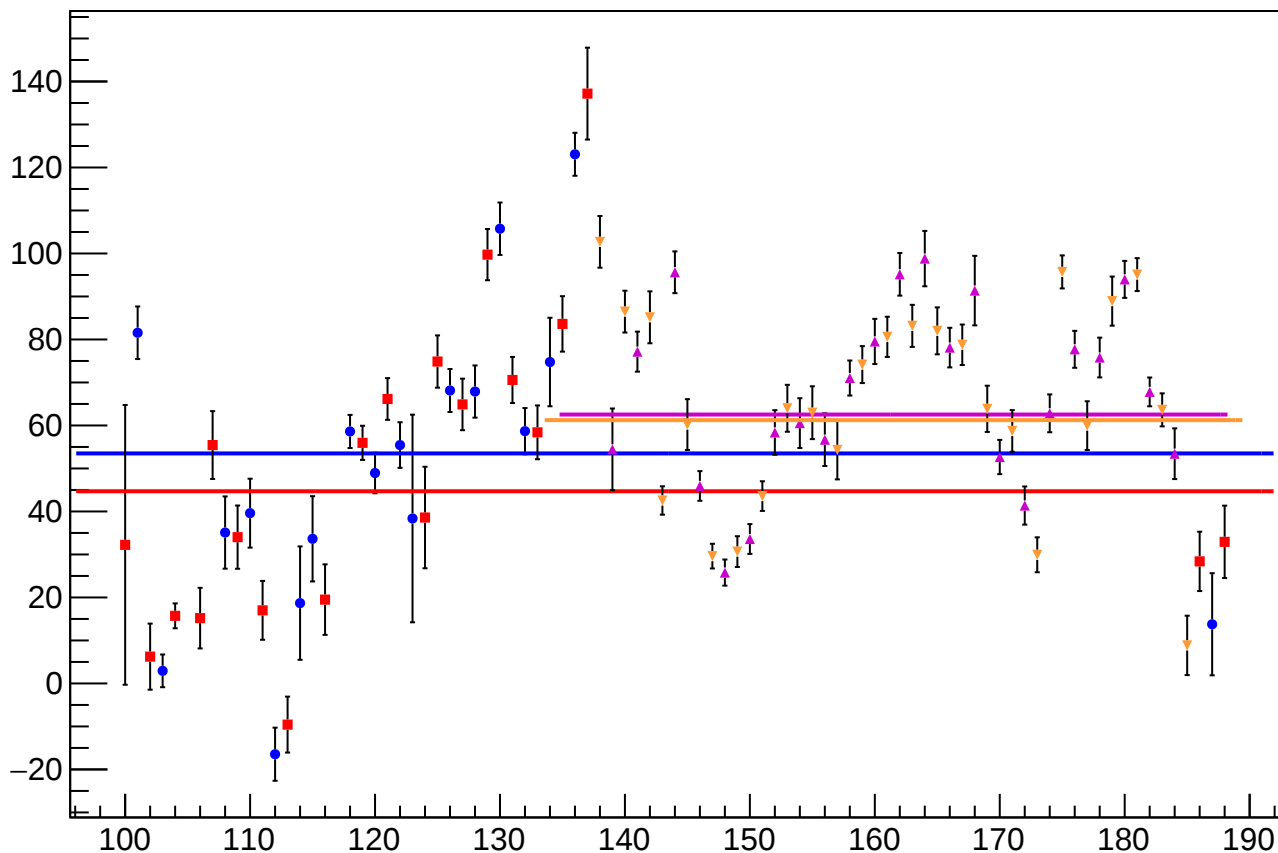
Left In: 223.827 $\pm$ 1.058 χ^2/NDF : 3444.7/22

+ sign 234.694 $\pm$ 0.915 χ^2/NDF : 10210.5/42

All: 242.432 $\pm$ 0.626 χ^2/NDF : 23261.2/86

- sign 249.236 $\pm$ 0.858 χ^2/NDF : 12916.2/43

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: 44.697 $\pm$ 1.317 χ^2 /NDF: 538.8/20

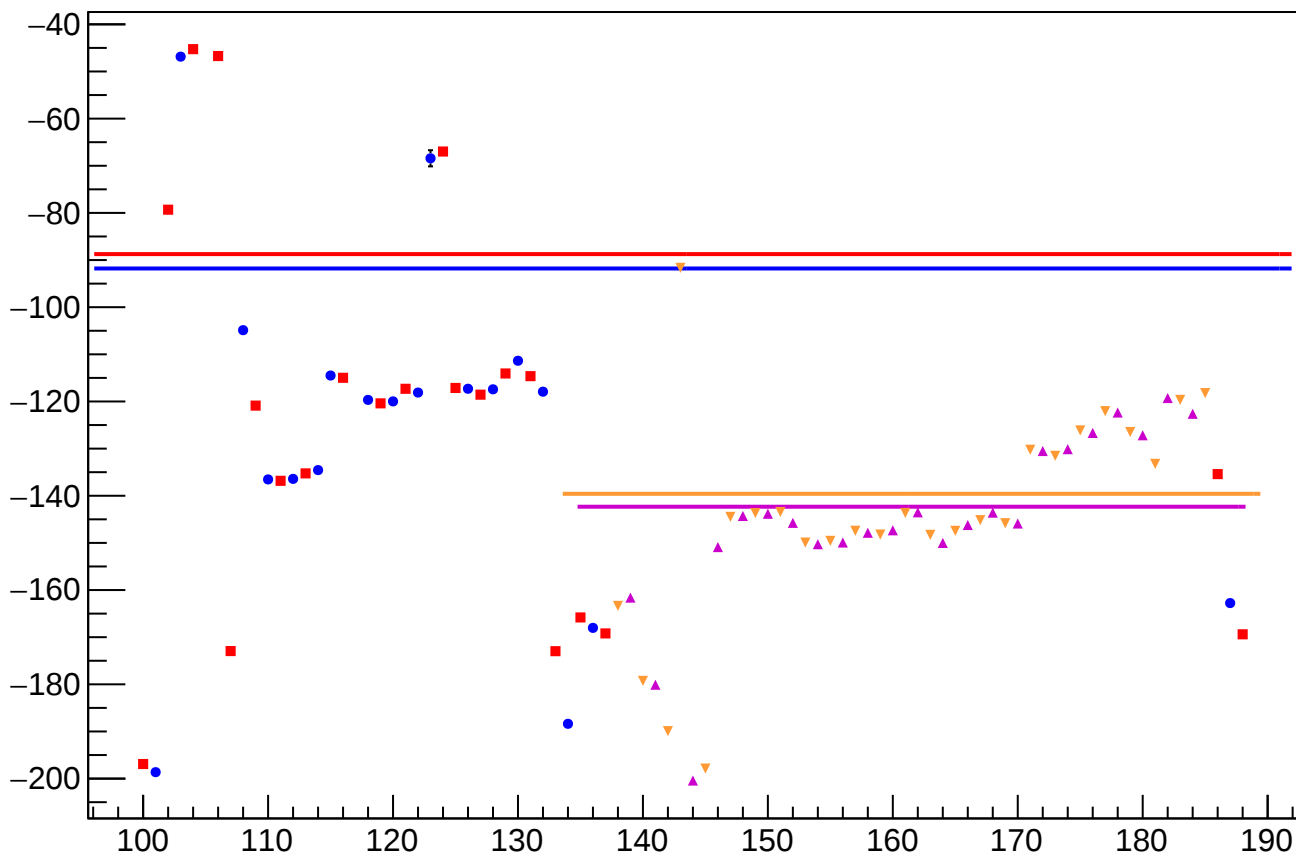
Left In: 62.538 $\pm$ 0.940 χ^2 /NDF: 520.0/22

+ sign 58.990 $\pm$ 0.760 χ^2 /NDF: 1386.0/42

All: 57.761 $\pm$ 0.539 χ^2 /NDF: 2571.5/86

- sign 56.515 $\pm$ 0.765 χ^2 /NDF: 1180.3/43

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.790 $\pm$ 0.067 χ^2/NDF : 545916.8/17

Left Out: -139.585 $\pm$ 0.043 χ^2/NDF : 243895.1/24

Right Out: -88.740 $\pm$ 0.064 χ^2/NDF : 547401.8/20

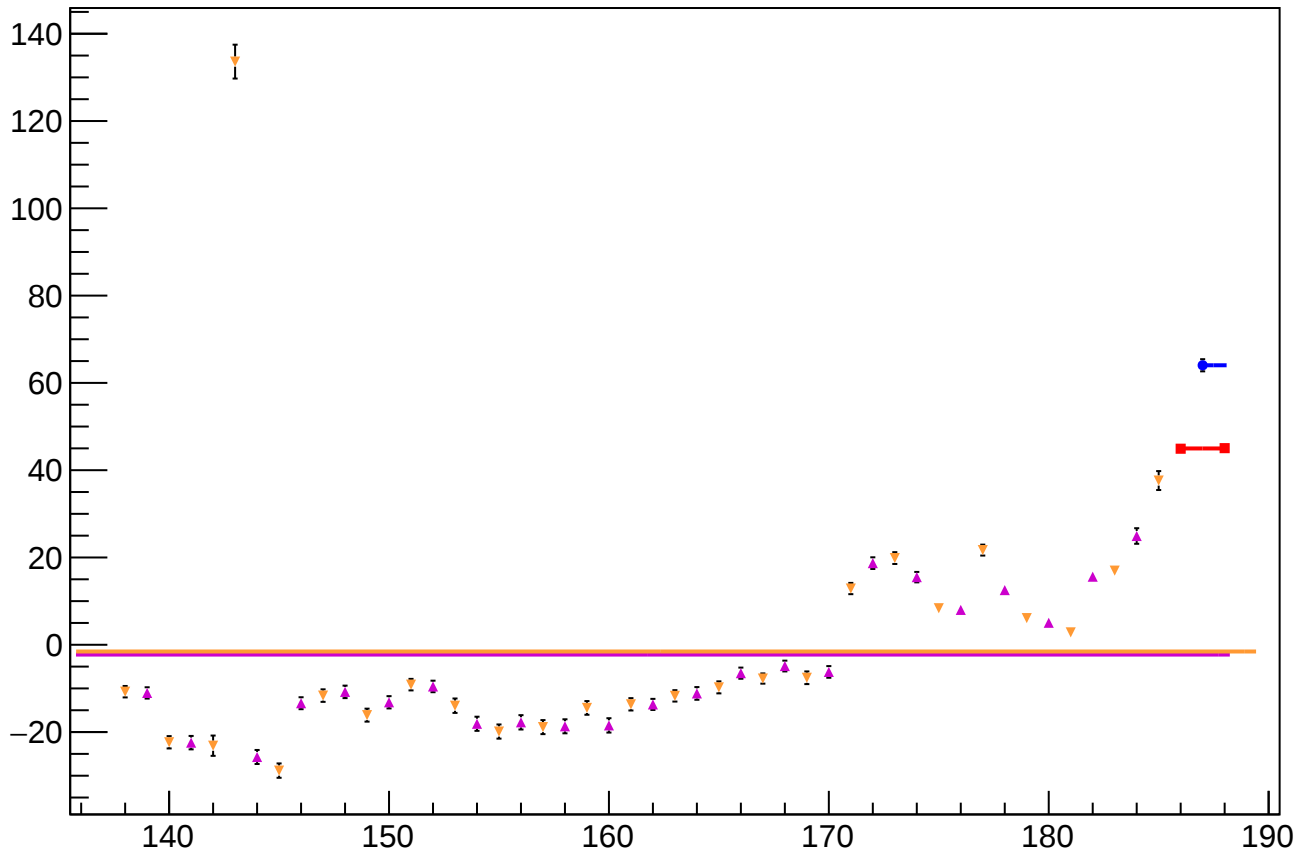
Left In: -142.326 $\pm$ 0.044 χ^2/NDF : 144642.3/22

+ sign -125.652 $\pm$ 0.036 χ^2/NDF : 1148290.8/42

All: -125.352 $\pm$ 0.026 χ^2/NDF : 2320578.7/86

- sign -125.054 $\pm$ 0.036 χ^2/NDF : 1172151.3/43

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: 44.980+/-0.634 χ^2/NDF : 0.0/1

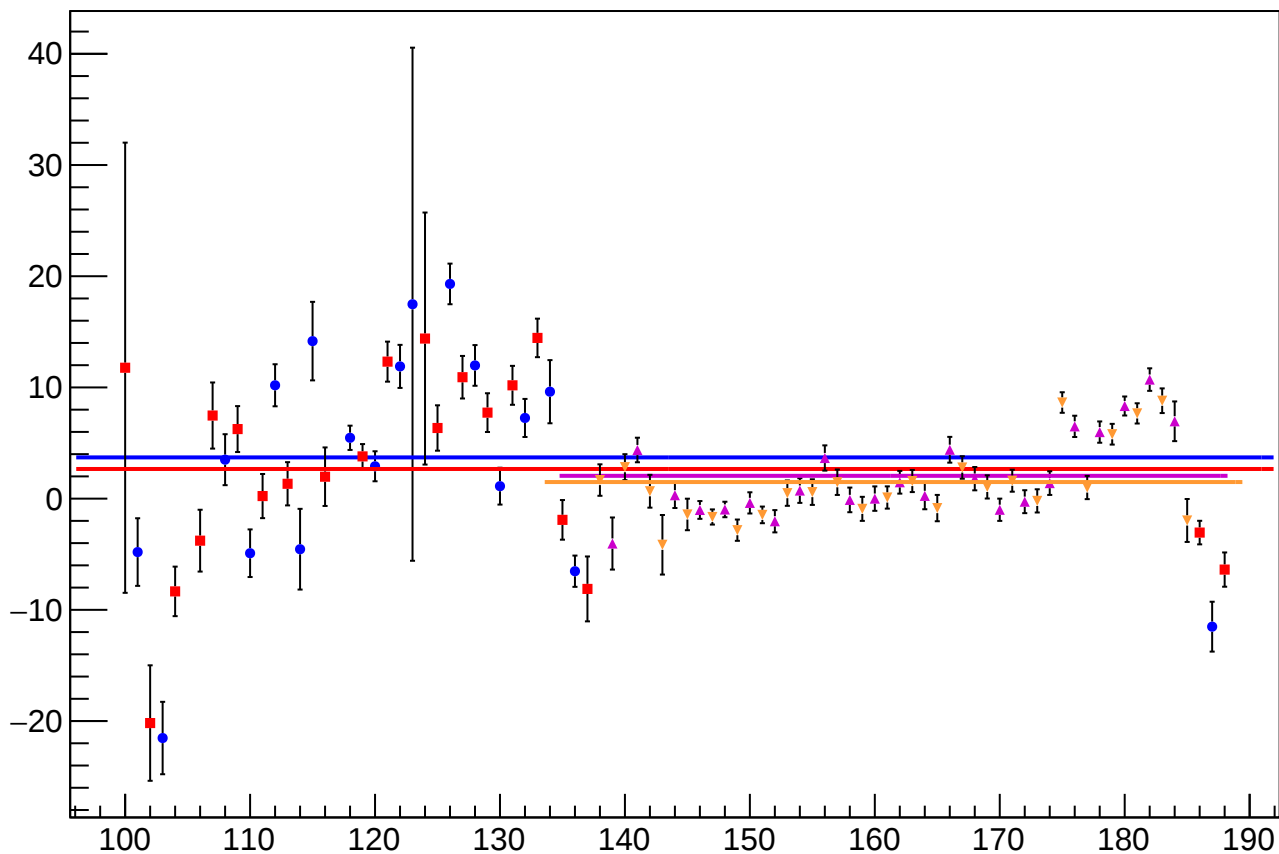
Left In: -2.244+/-0.270 χ^2/NDF : 2561.6/22

+ sign 0.796+/-0.263 χ^2/NDF : 6267.1/25

All: 3.011+/-0.180 χ^2/NDF : 13659.9/50

- sign 4.982+/-0.248 χ^2/NDF : 7258.7/24

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 3.708 ± 0.455 $\chi^2/\text{NDF}: 334.6/17$

Left Out: 1.492 ± 0.210 $\chi^2/\text{NDF}: 258.3/24$

Right Out: 2.667 ± 0.417 $\chi^2/\text{NDF}: 266.9/20$

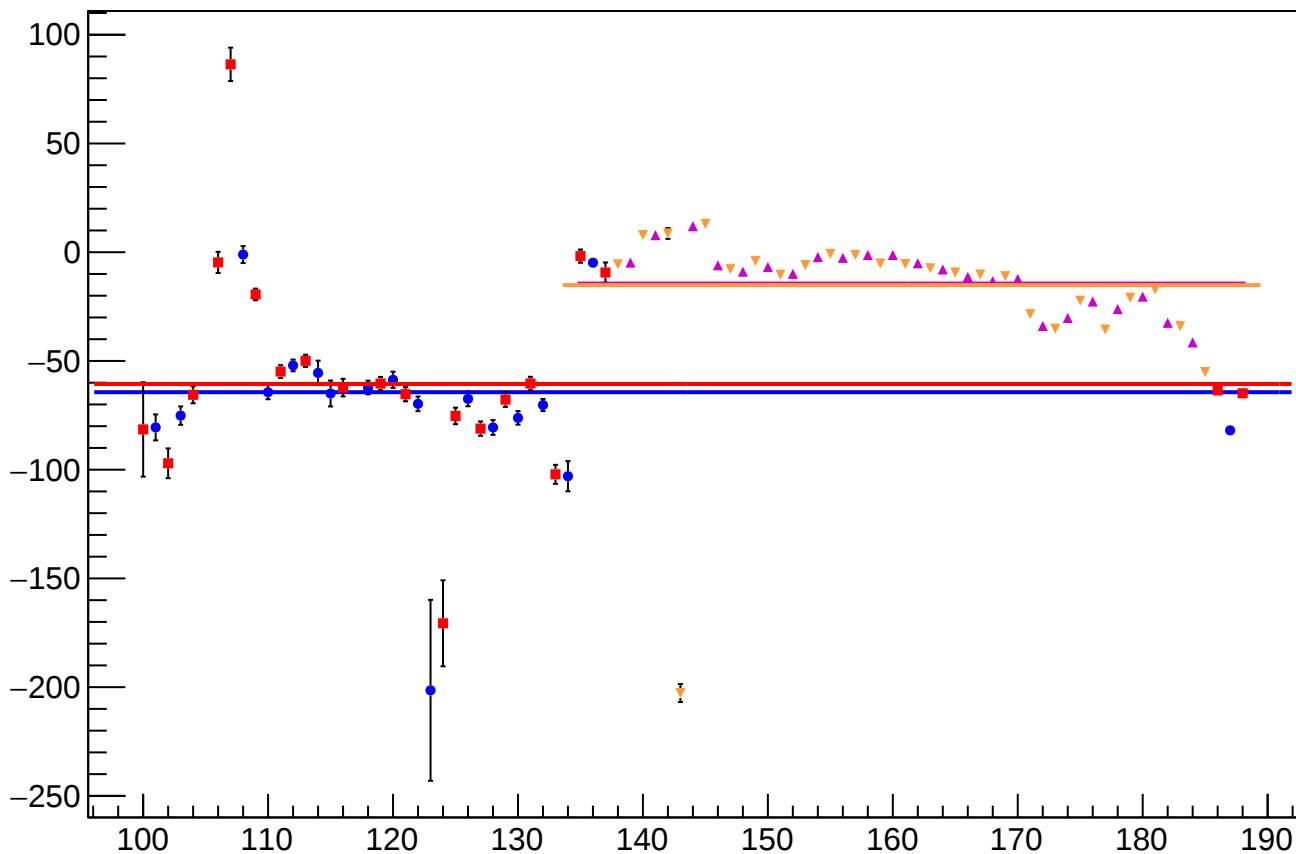
Left In: 2.051 ± 0.215 $\chi^2/\text{NDF}: 275.4/22$

+ sign 1.883 ± 0.191 $\chi^2/\text{NDF}: 612.5/42$

All: 2.032 ± 0.135 $\chi^2/\text{NDF}: 1157.7/86$

- sign 2.181 ± 0.191 $\chi^2/\text{NDF}: 544.0/43$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -64.370 ± 0.689 χ^2/NDF : 1382.6/17

Left Out: -15.140 ± 0.267 χ^2/NDF : 4451.9/24

Right Out: -60.582 ± 0.438 χ^2/NDF : 1515.7/20

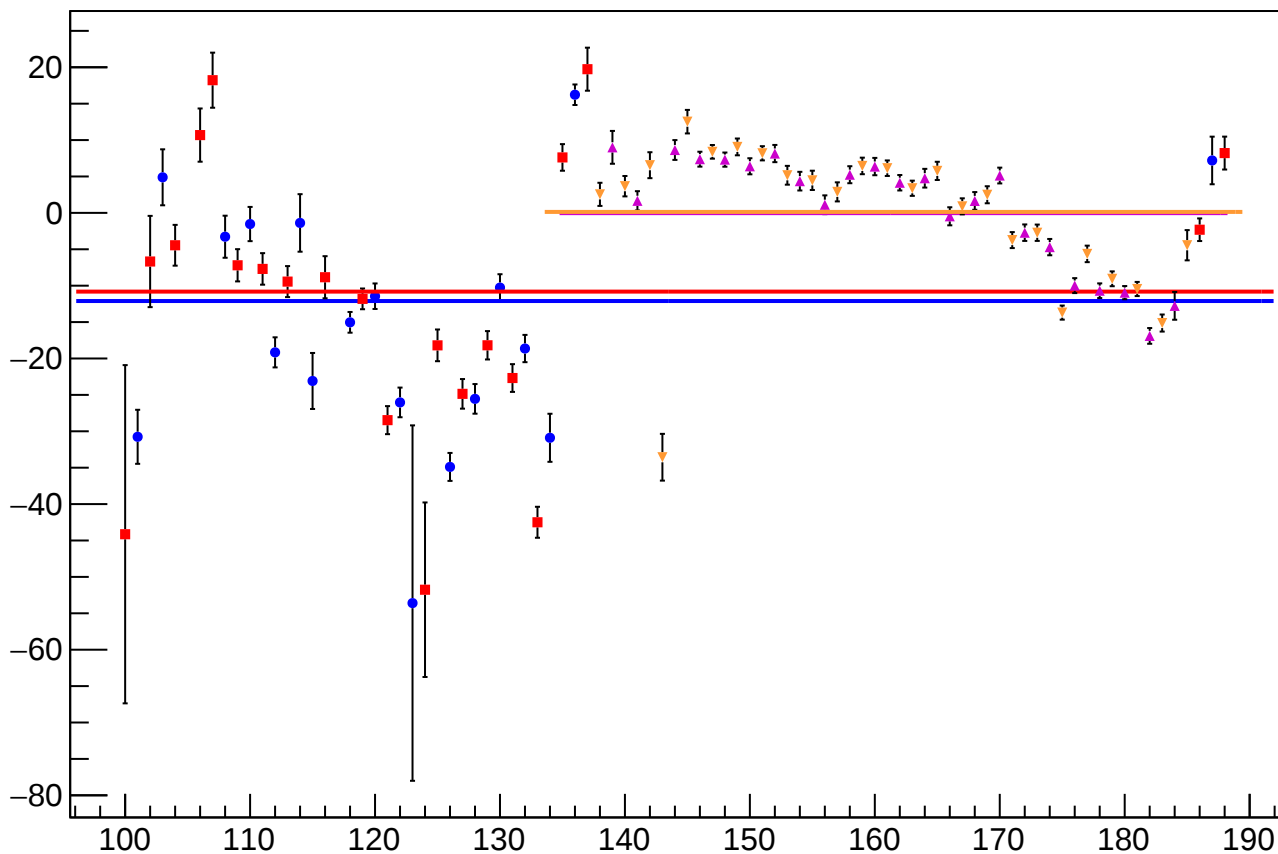
Left In: -14.415 ± 0.268 χ^2/NDF : 2065.7/22

+ sign -21.566 ± 0.249 χ^2/NDF : 10277.1/42

All: -24.513 ± 0.168 χ^2/NDF : 22203.3/86

- sign -27.001 ± 0.229 χ^2/NDF : 11667.6/43

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: -10.813 ± 0.496 χ^2/NDF : 846.3/20

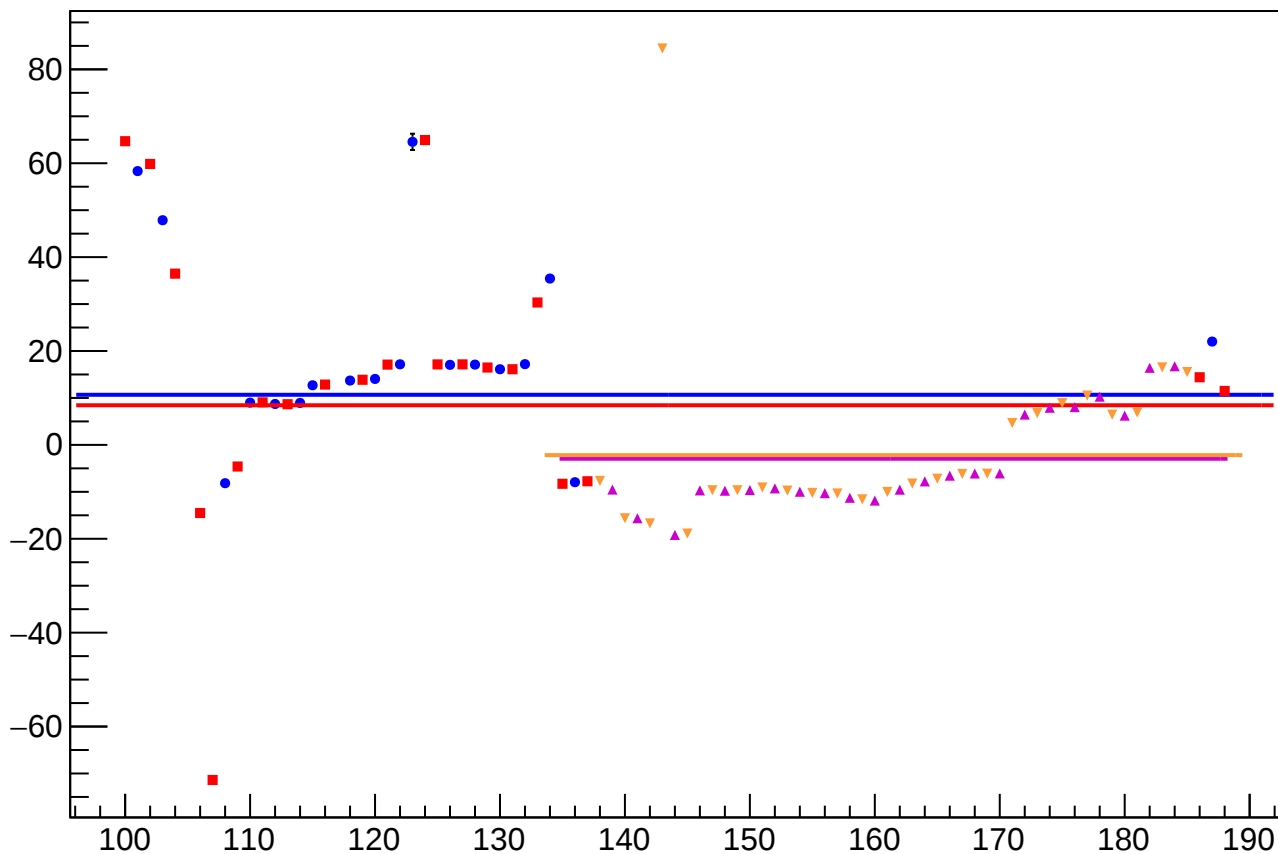
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -1.970 ± 0.217 χ^2/NDF : 2424.0/42

All: -2.041 ± 0.154 χ^2/NDF : 4679.1/86

- sign -2.112 ± 0.218 χ^2/NDF : 2254.8/43

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.675 ± 0.030 $\chi^2/\text{NDF}: 384864.4/17$

Left Out: -2.176 ± 0.011 $\chi^2/\text{NDF}: 1047394.9/24$

Right Out: 8.445 ± 0.029 $\chi^2/\text{NDF}: 549283.5/20$

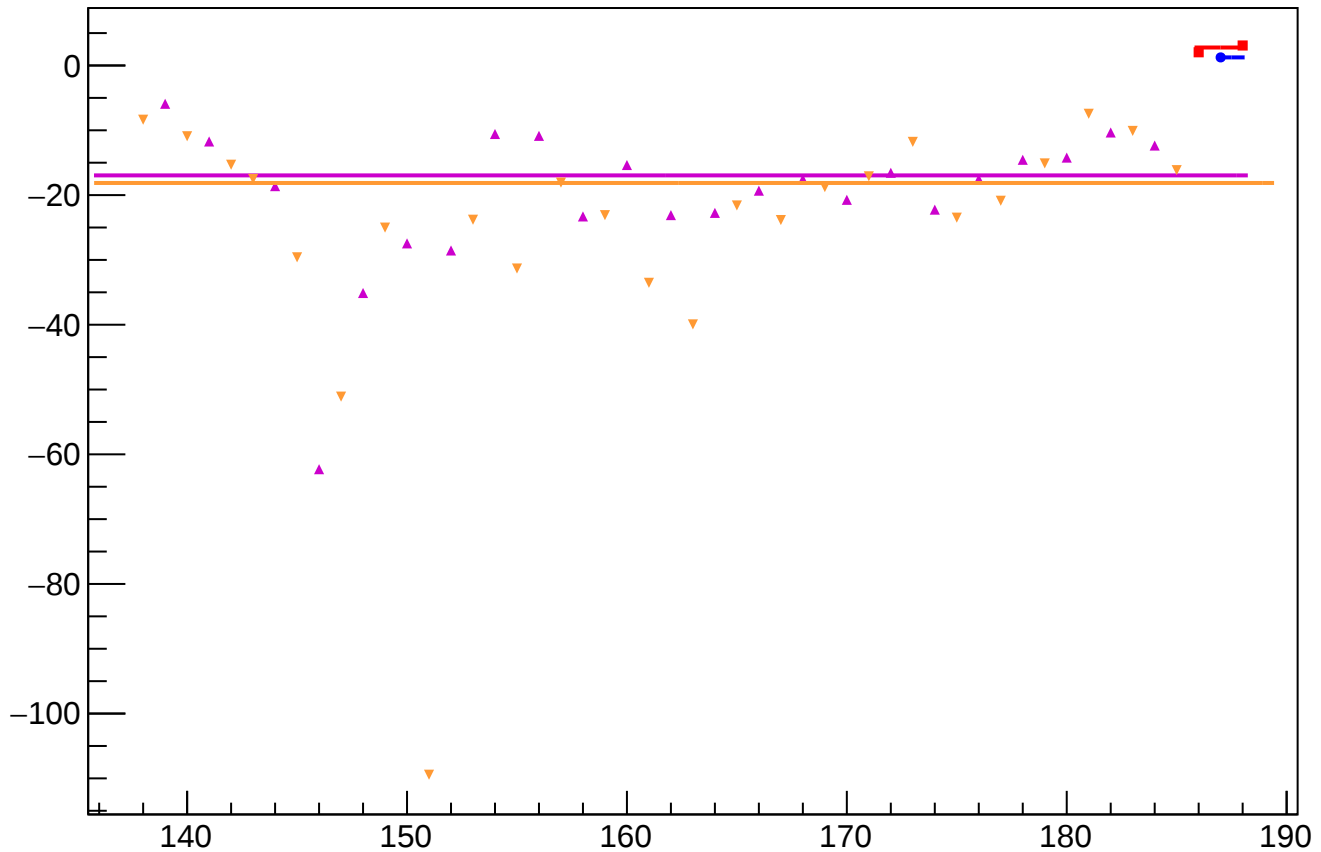
Left In: -2.949 ± 0.011 $\chi^2/\text{NDF}: 770702.4/22$

+ sign -0.683 ± 0.010 $\chi^2/\text{NDF}: 1593055.0/42$

All: -1.105 ± 0.007 $\chi^2/\text{NDF}: 3051657.8/86$

- sign -1.526 ± 0.010 $\chi^2/\text{NDF}: 1455228.0/43$

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: 2.775 $\pm$ 0.106 χ^2 /NDF: 20.4/1

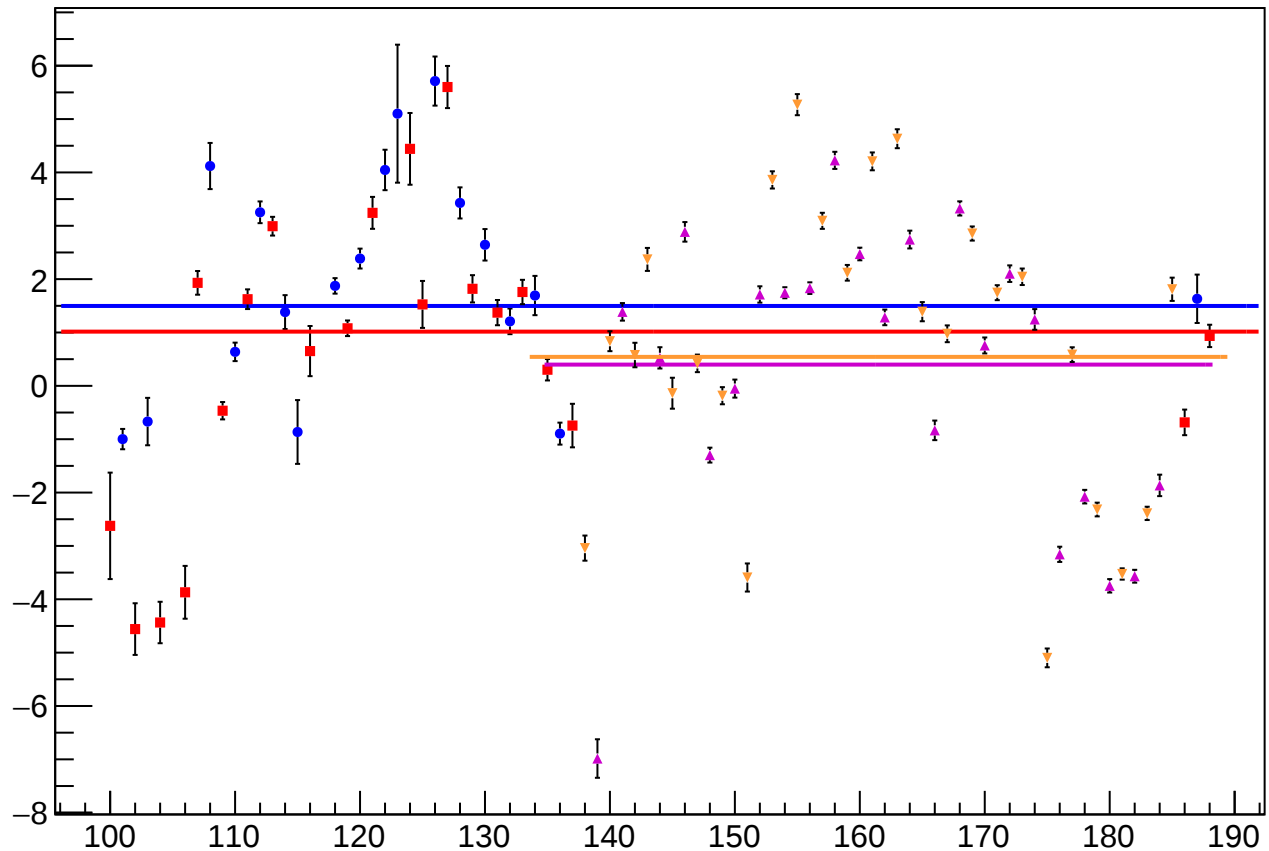
Left In: -16.958 $\pm$ 0.038 χ^2 /NDF: 44759.9/22

+ sign -17.763 $\pm$ 0.039 χ^2 /NDF: 93158.1/25

All: -16.119 $\pm$ 0.026 χ^2 /NDF: 172075.6/50

- sign -14.707 $\pm$ 0.036 χ^2 /NDF: 75542.5/24

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.497 ± 0.061 χ^2/NDF : 708.9/17

Left Out: 0.543 ± 0.032 χ^2/NDF : 7067.6/24

Right Out: 1.016 ± 0.055 χ^2/NDF : 1000.3/20

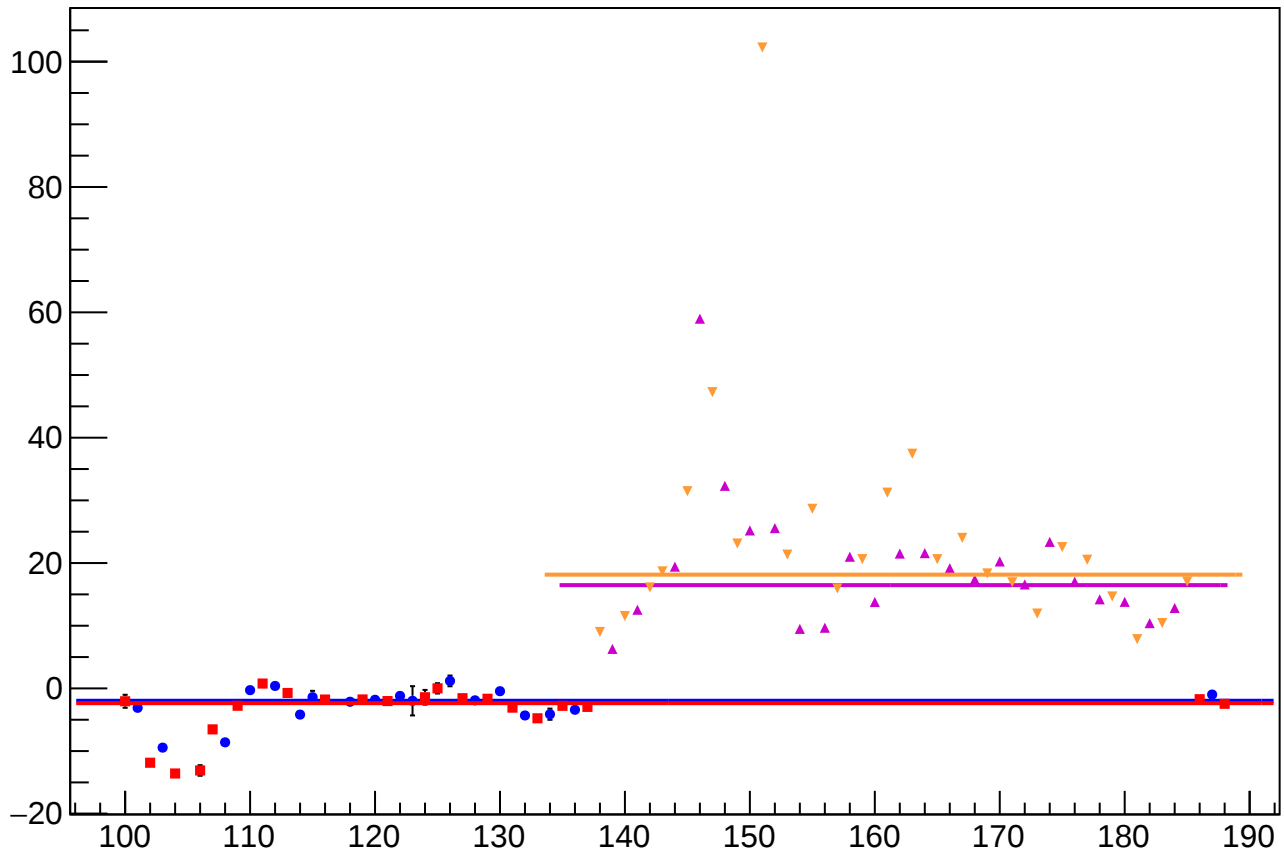
Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

+ sign 0.756 ± 0.029 χ^2/NDF : 7969.8/42

All: 0.644 ± 0.020 χ^2/NDF : 15382.5/86

- sign 0.546 ± 0.027 χ^2/NDF : 7384.0/43

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: -2.357 ± 0.065 $\chi^2/\text{NDF}: 923.5/20$

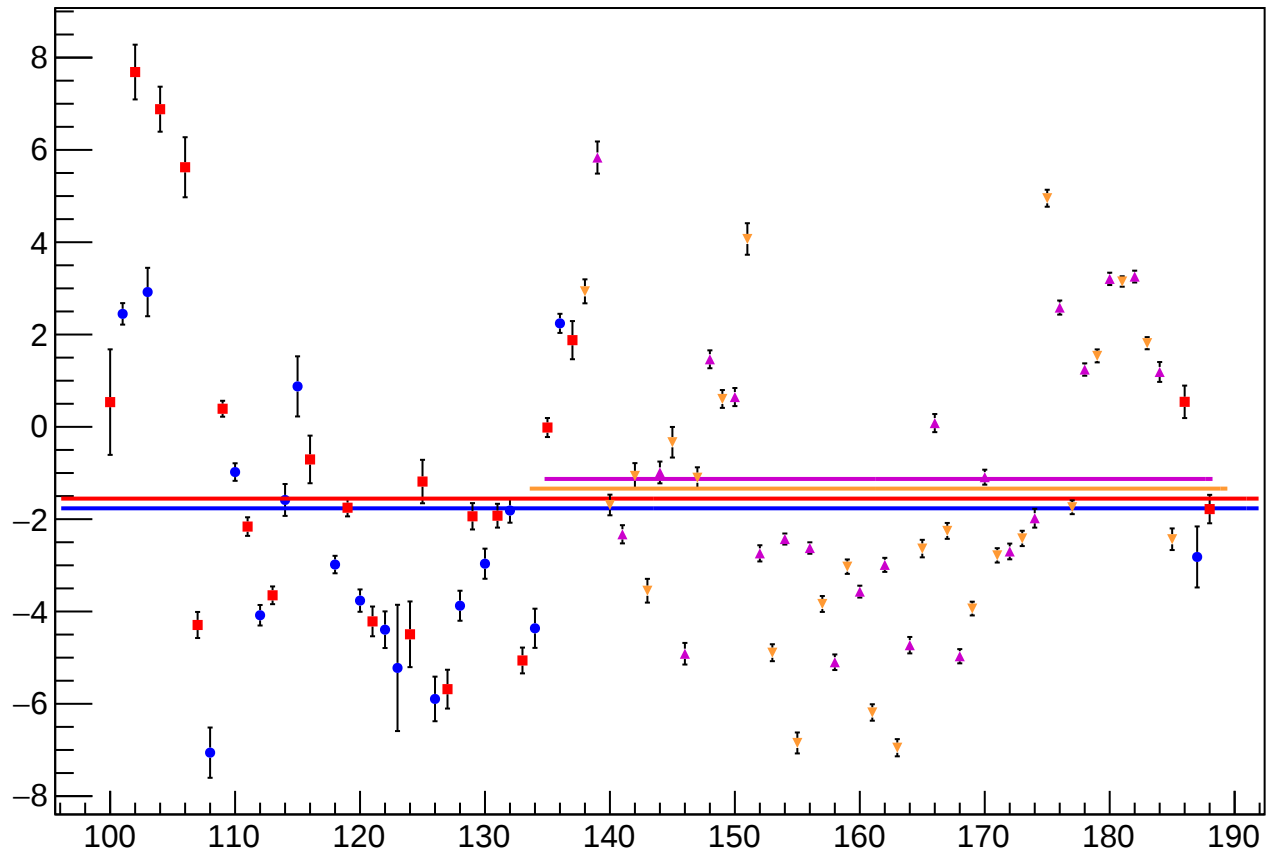
Left In: 16.477 ± 0.038 $\chi^2/\text{NDF}: 41326.5/22$

+ sign 15.464 ± 0.036 $\chi^2/\text{NDF}: 113531.4/42$

All: 13.370 ± 0.024 $\chi^2/\text{NDF}: 225225.9/86$

- sign 11.703 ± 0.033 $\chi^2/\text{NDF}: 105761.2/43$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.765 ± 0.070 $\chi^2/\text{NDF}: 1347.6/17$

Left Out: -1.338 ± 0.036 $\chi^2/\text{NDF}: 7920.8/24$

Right Out: -1.554 ± 0.063 $\chi^2/\text{NDF}: 1524.5/20$

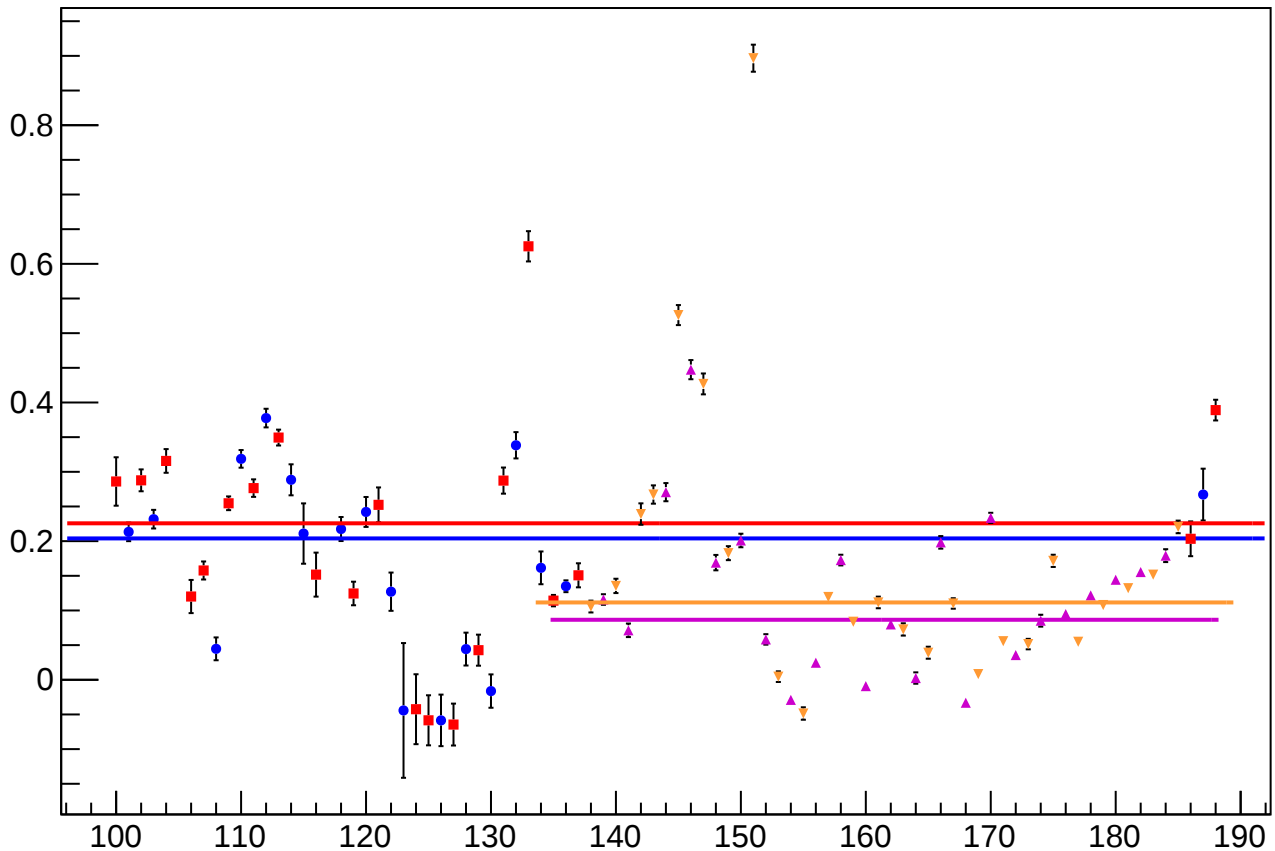
Left In: -1.129 ± 0.034 $\chi^2/\text{NDF}: 6778.7/22$

+ sign -1.427 ± 0.032 $\chi^2/\text{NDF}: 9297.9/42$

All: -1.319 ± 0.022 $\chi^2/\text{NDF}: 17657.7/86$

- sign -1.224 ± 0.030 $\chi^2/\text{NDF}: 8338.4/43$

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: 0.226 ± 0.004 χ^2/NDF : 1194.5/20

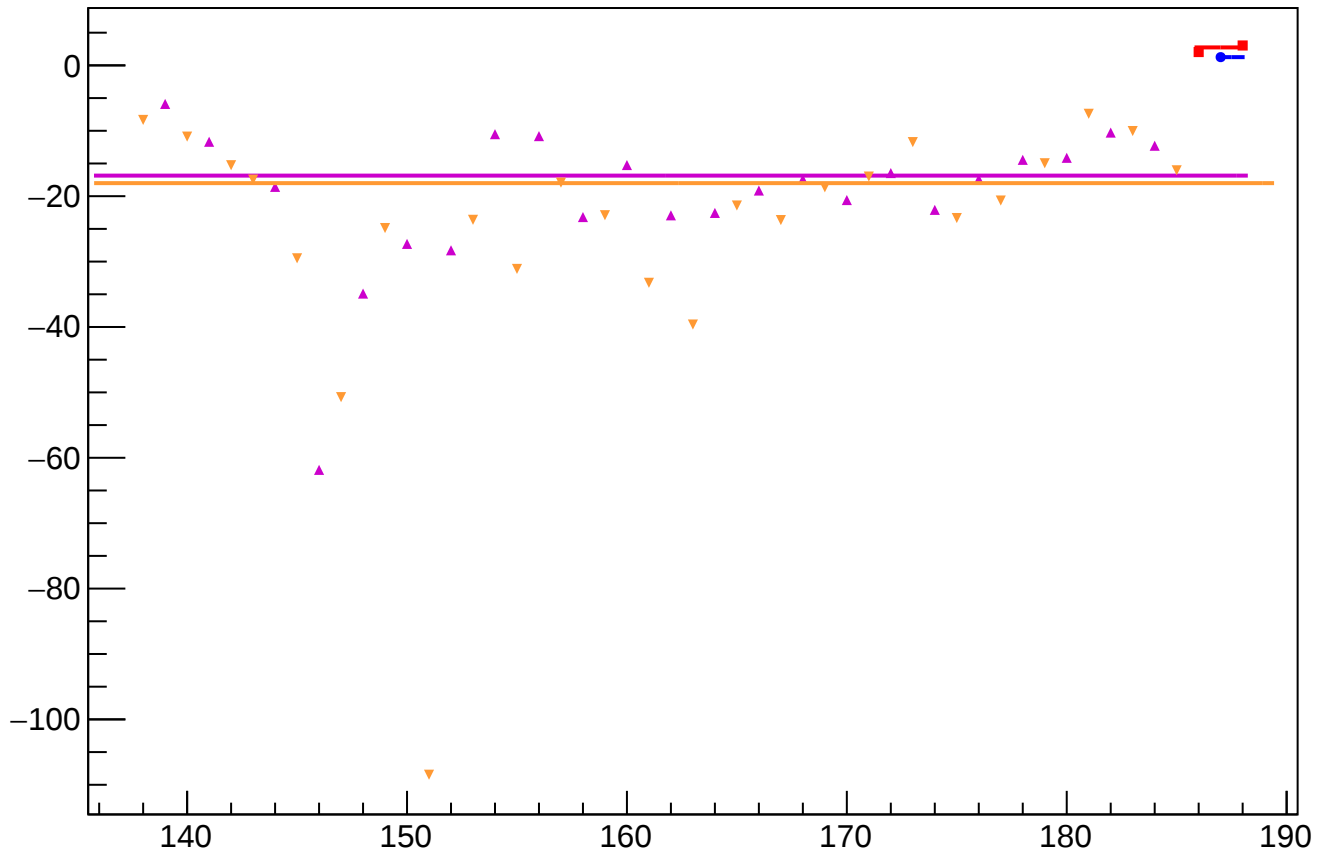
Left In: 0.087 ± 0.001 χ^2/NDF : 3661.4/22

+ sign 0.124 ± 0.001 χ^2/NDF : 5578.5/42

All: 0.115 ± 0.001 χ^2/NDF : 11803.7/86

- sign 0.108 ± 0.001 χ^2/NDF : 6161.5/43

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 1.261 ± 0.281 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -18.004 ± 0.039 $\chi^2/\text{NDF}: 88352.2/24$

Right Out: 2.748 ± 0.104 $\chi^2/\text{NDF}: 19.3/1$

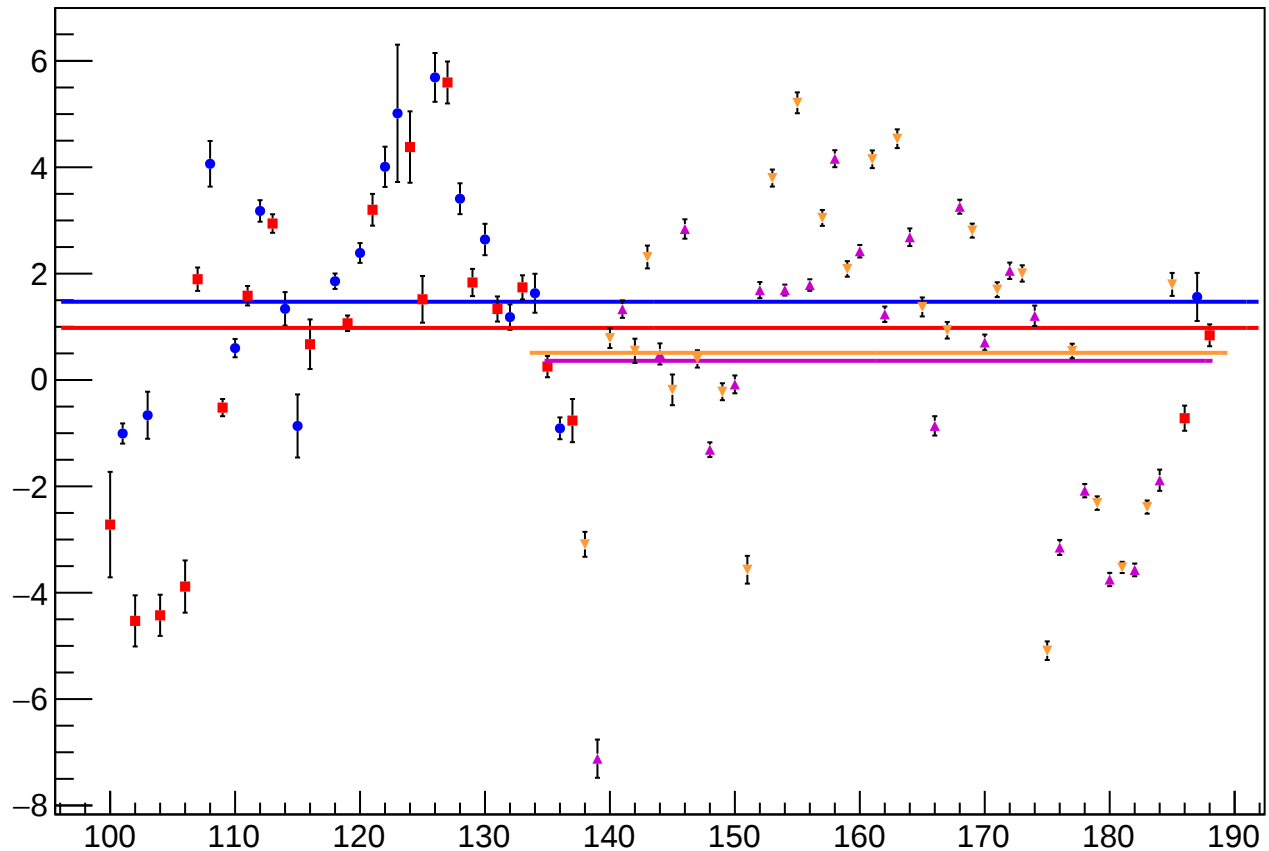
Left In: -16.854 ± 0.038 $\chi^2/\text{NDF}: 44680.7/22$

+ sign -17.645 ± 0.038 $\chi^2/\text{NDF}: 92974.5/25$

All: -15.994 ± 0.026 $\chi^2/\text{NDF}: 172419.3/50$

- sign -14.579 ± 0.035 $\chi^2/\text{NDF}: 75998.2/24$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.471 ± 0.060 χ^2/NDF : 707.9/17

Left Out: 0.511 ± 0.032 χ^2/NDF : 7053.0/24

Right Out: 0.979 ± 0.054 χ^2/NDF : 1007.8/20

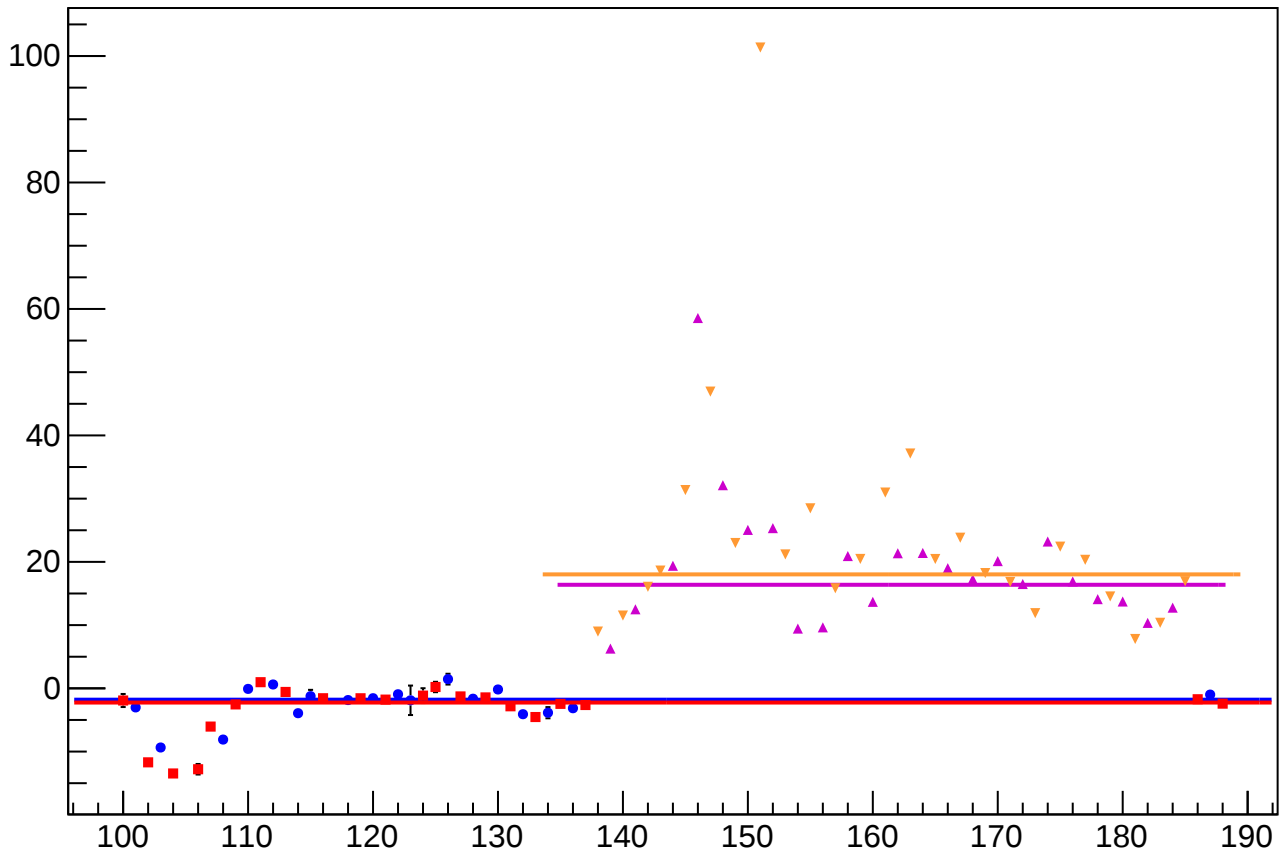
Left In: 0.361 ± 0.030 χ^2/NDF : 6273.5/22

+ sign 0.724 ± 0.028 χ^2/NDF : 7958.4/42

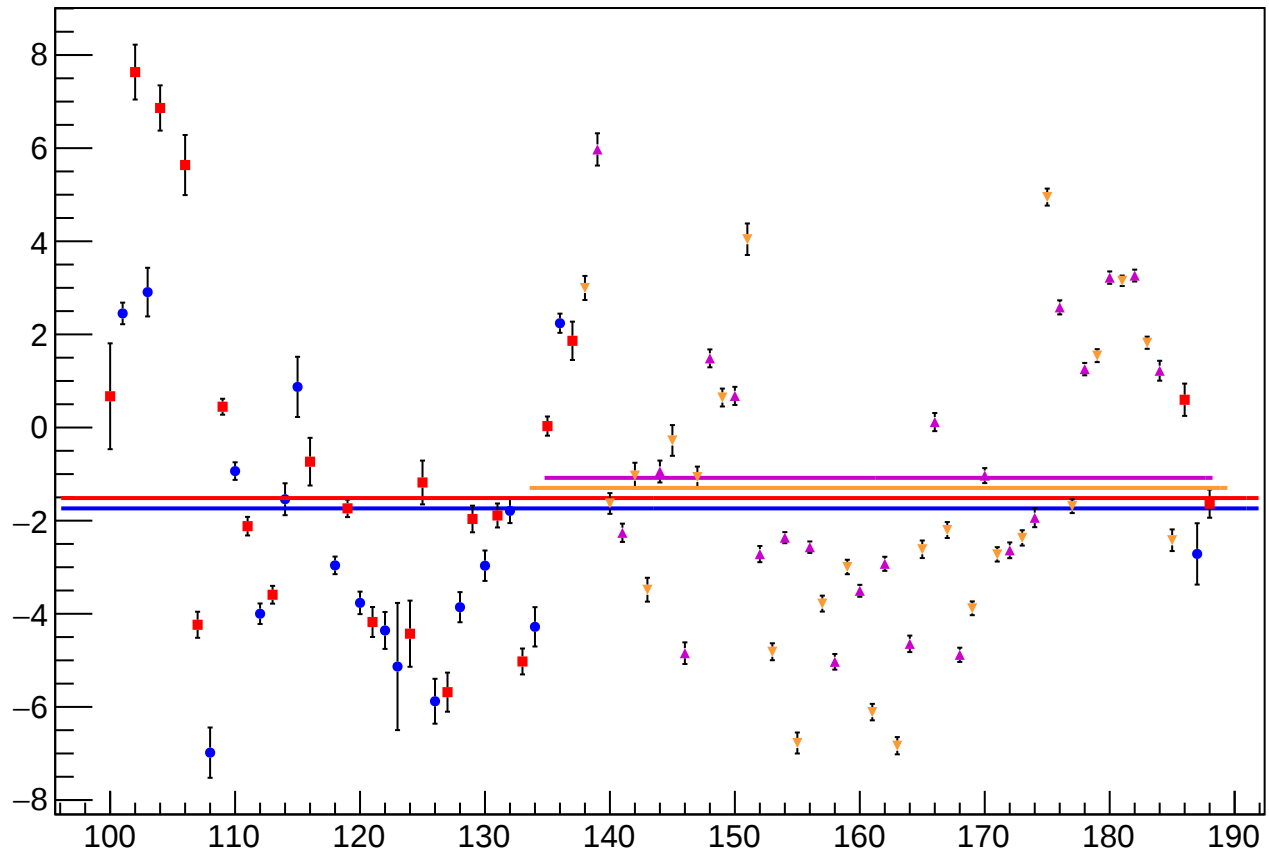
All: 0.609 ± 0.019 χ^2/NDF : 15369.2/86

- sign 0.509 ± 0.027 χ^2/NDF : 7380.0/43

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.737 ± 0.070 $\chi^2/\text{NDF}: 1343.7/17$

Left Out: -1.297 ± 0.036 $\chi^2/\text{NDF}: 7903.2/24$

Right Out: -1.515 ± 0.063 $\chi^2/\text{NDF}: 1531.1/20$

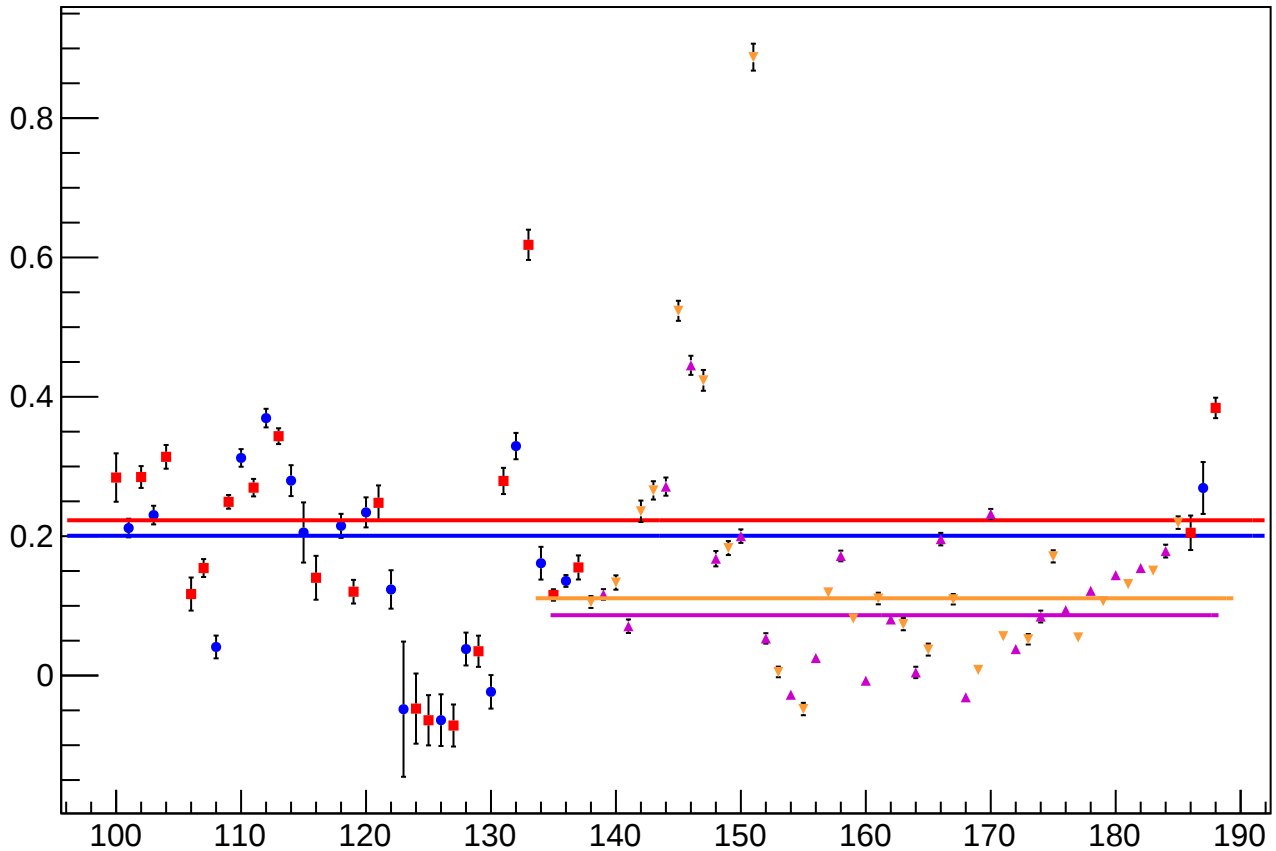
Left In: -1.081 ± 0.034 $\chi^2/\text{NDF}: 6764.0/22$

+ sign -1.389 ± 0.032 $\chi^2/\text{NDF}: 9278.5/42$

All: -1.277 ± 0.022 $\chi^2/\text{NDF}: 17634.0/86$

- sign -1.178 ± 0.030 $\chi^2/\text{NDF}: 8332.1/43$

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: 0.223 ± 0.004 χ^2/NDF : 1179.2/20

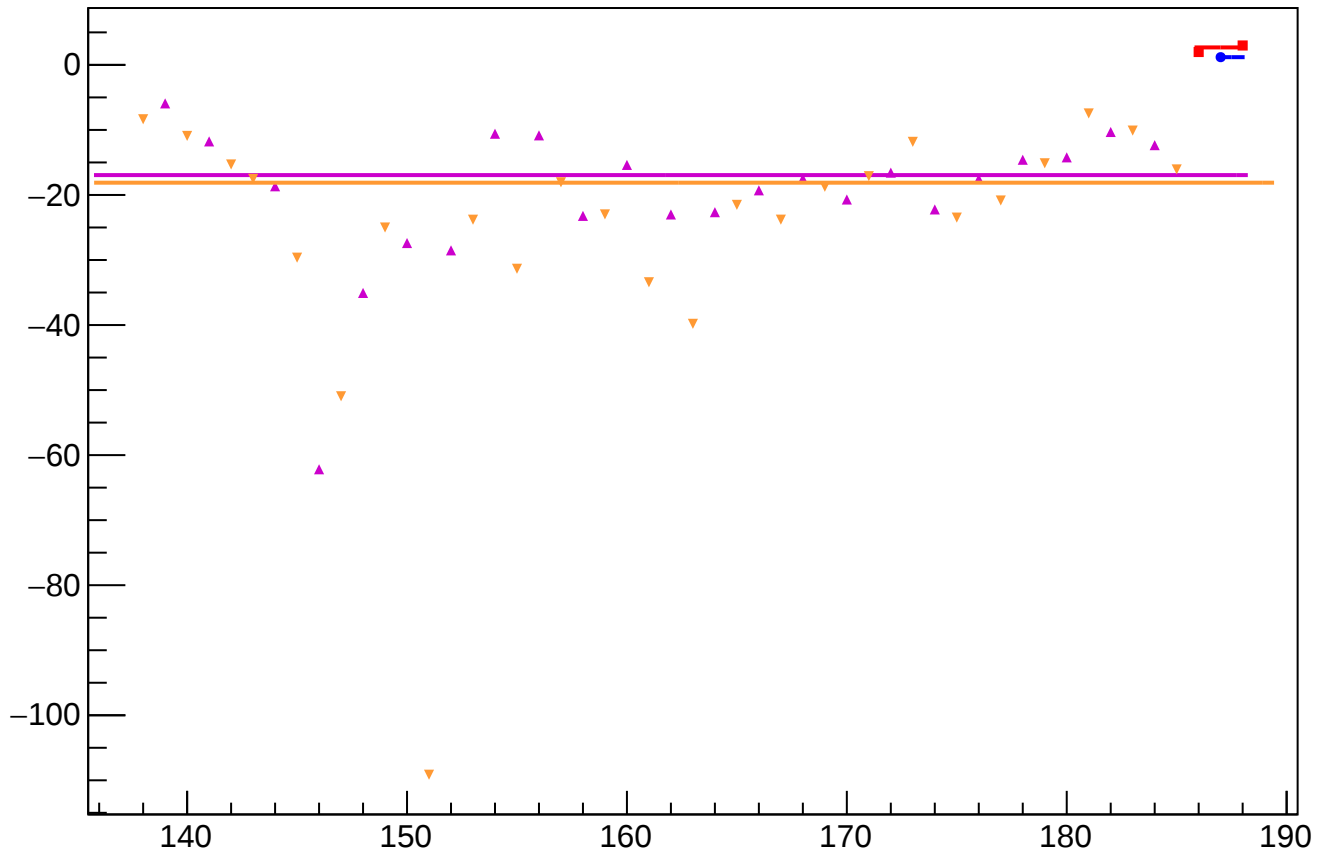
Left In: 0.087 ± 0.001 χ^2/NDF : 3631.4/22

+ sign 0.123 ± 0.001 χ^2/NDF : 5535.9/42

All: 0.114 ± 0.001 χ^2/NDF : 11672.5/86

- sign 0.107 ± 0.001 χ^2/NDF : 6076.8/43

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: 2.686 ± 0.104 χ^2/NDF : 19.3/1

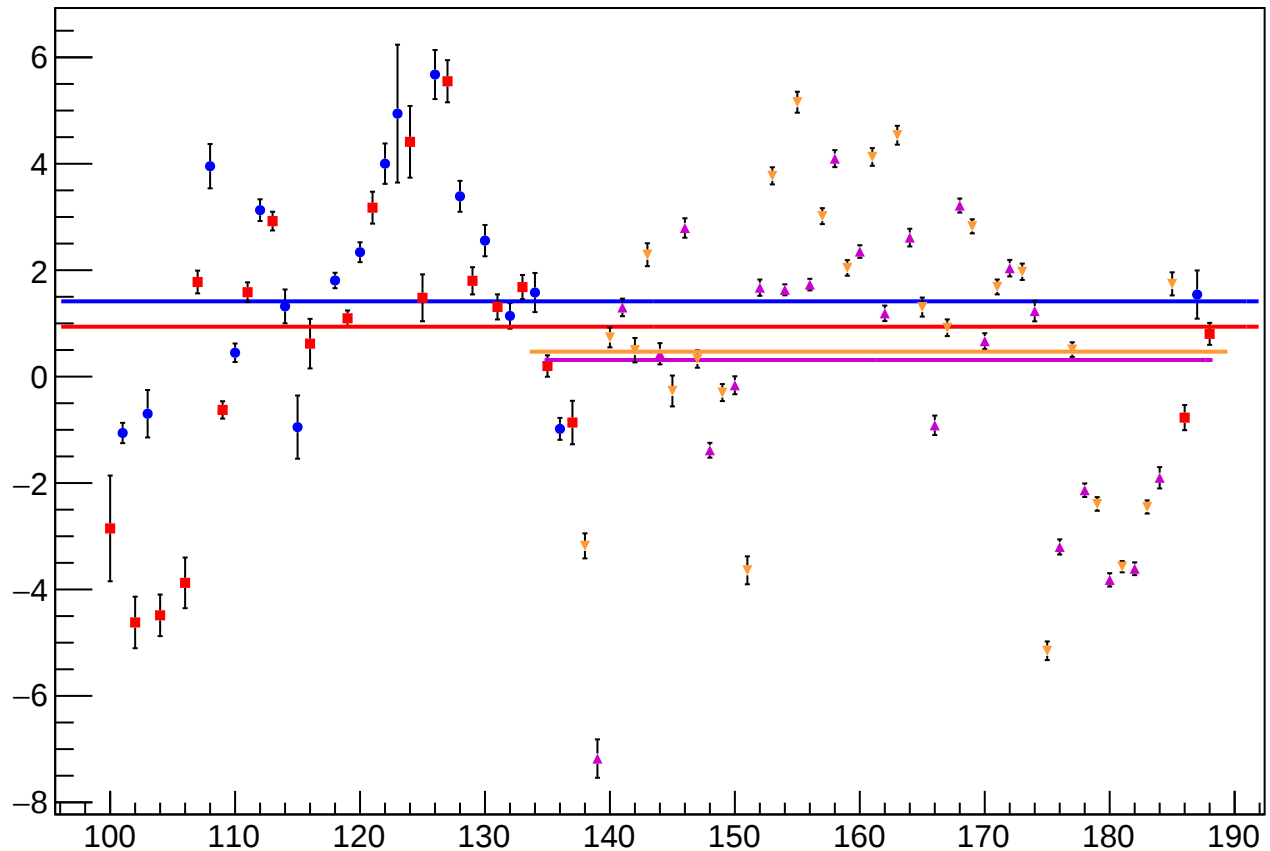
Left In: -16.945 ± 0.038 χ^2/NDF : 44756.2/22

+ sign -17.752 ± 0.038 χ^2/NDF : 93100.8/25

All: -16.086 ± 0.026 χ^2/NDF : 172583.8/50

- sign -14.660 ± 0.036 χ^2/NDF : 76007.1/24

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: 0.938 ± 0.054 $\chi^2/\text{NDF}: 1019.9/20$

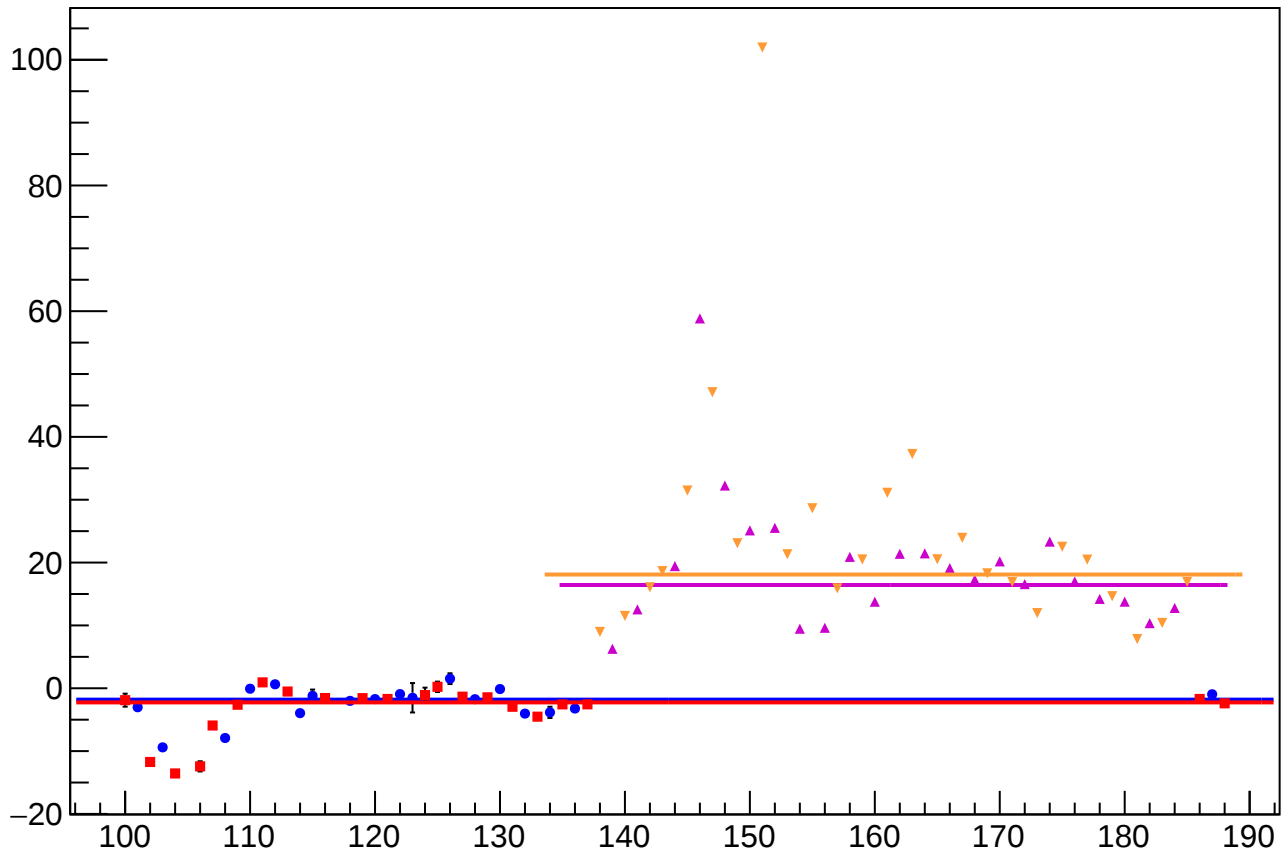
Left In: 0.313 ± 0.031 $\chi^2/\text{NDF}: 6235.0/22$

+ sign 0.679 ± 0.029 $\chi^2/\text{NDF}: 7980.9/42$

All: 0.563 ± 0.019 $\chi^2/\text{NDF}: 15367.0/86$

- sign 0.463 ± 0.027 $\chi^2/\text{NDF}: 7355.4/43$

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: -2.248 ± 0.064 $\chi^2/\text{NDF}: 916.9/20$

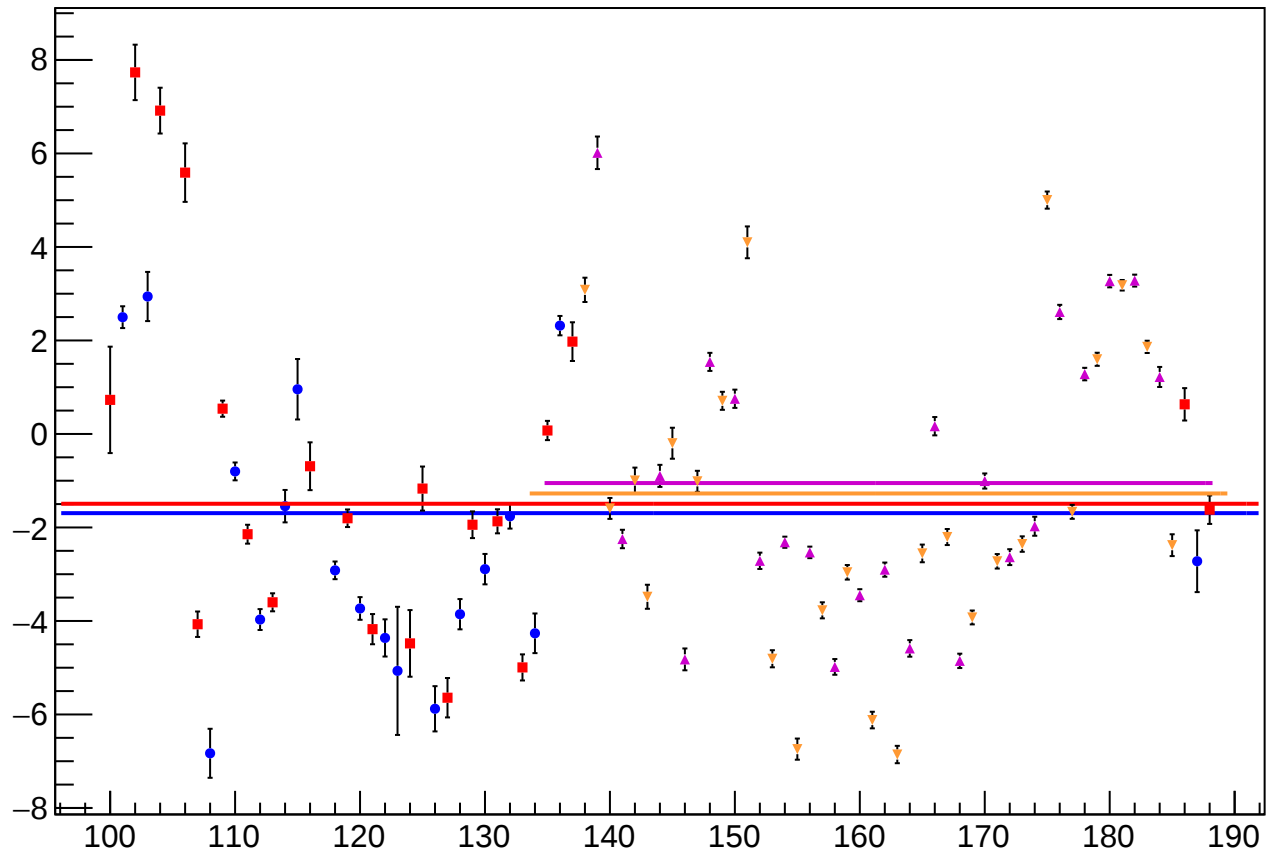
Left In: 16.431 ± 0.038 $\chi^2/\text{NDF}: 41337.1/22$

+ sign 15.457 ± 0.036 $\chi^2/\text{NDF}: 112793.0/42$

All: 13.338 ± 0.024 $\chi^2/\text{NDF}: 224485.6/86$

- sign 11.658 ± 0.032 $\chi^2/\text{NDF}: 105598.5/43$

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: -1.493 ± 0.063 χ^2/NDF : 1543.7/20

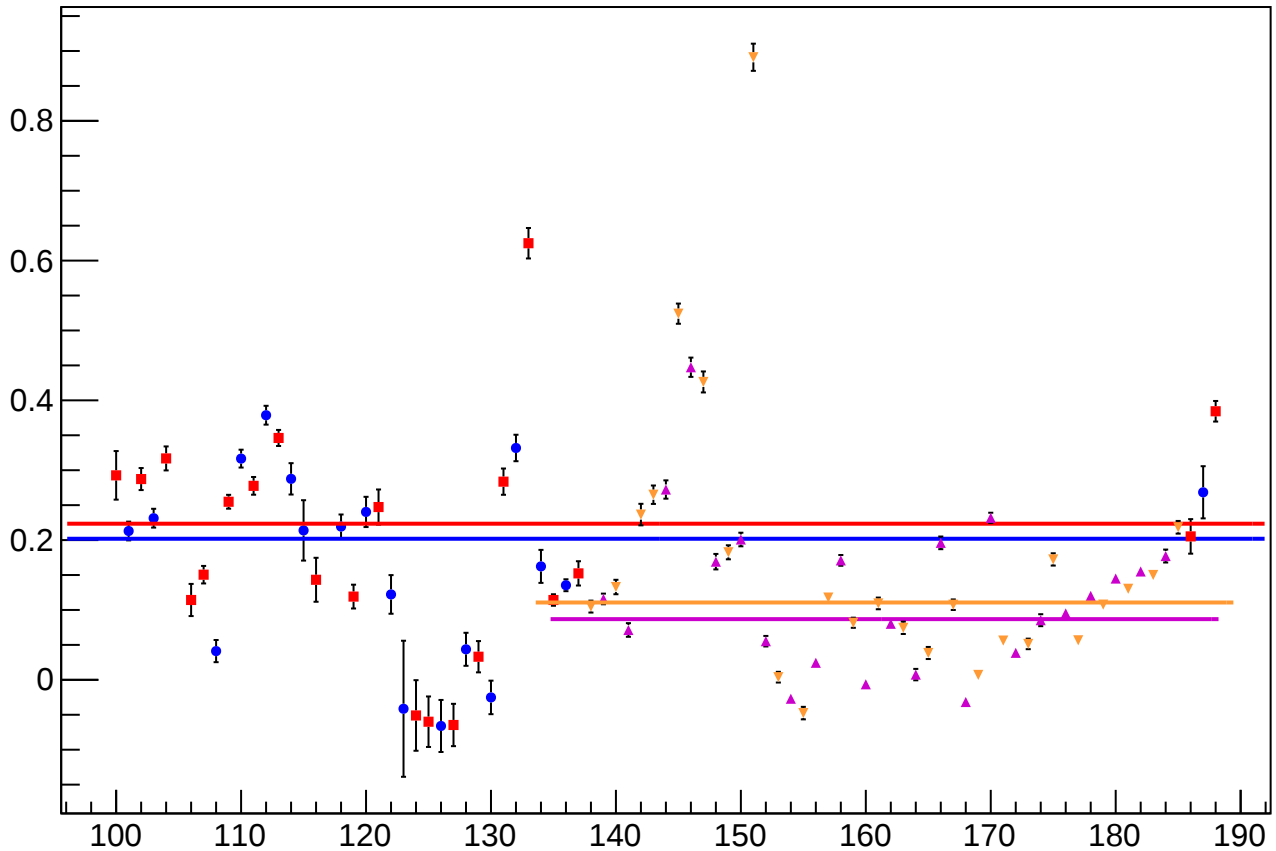
Left In: -1.050 ± 0.034 χ^2/NDF : 6713.0/22

+ sign -1.361 ± 0.032 χ^2/NDF : 9310.0/42

All: -1.248 ± 0.022 χ^2/NDF : 17628.1/86

- sign -1.150 ± 0.030 χ^2/NDF : 8294.9/43

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: 0.223 ± 0.004 χ^2/NDF : 1209.7/20

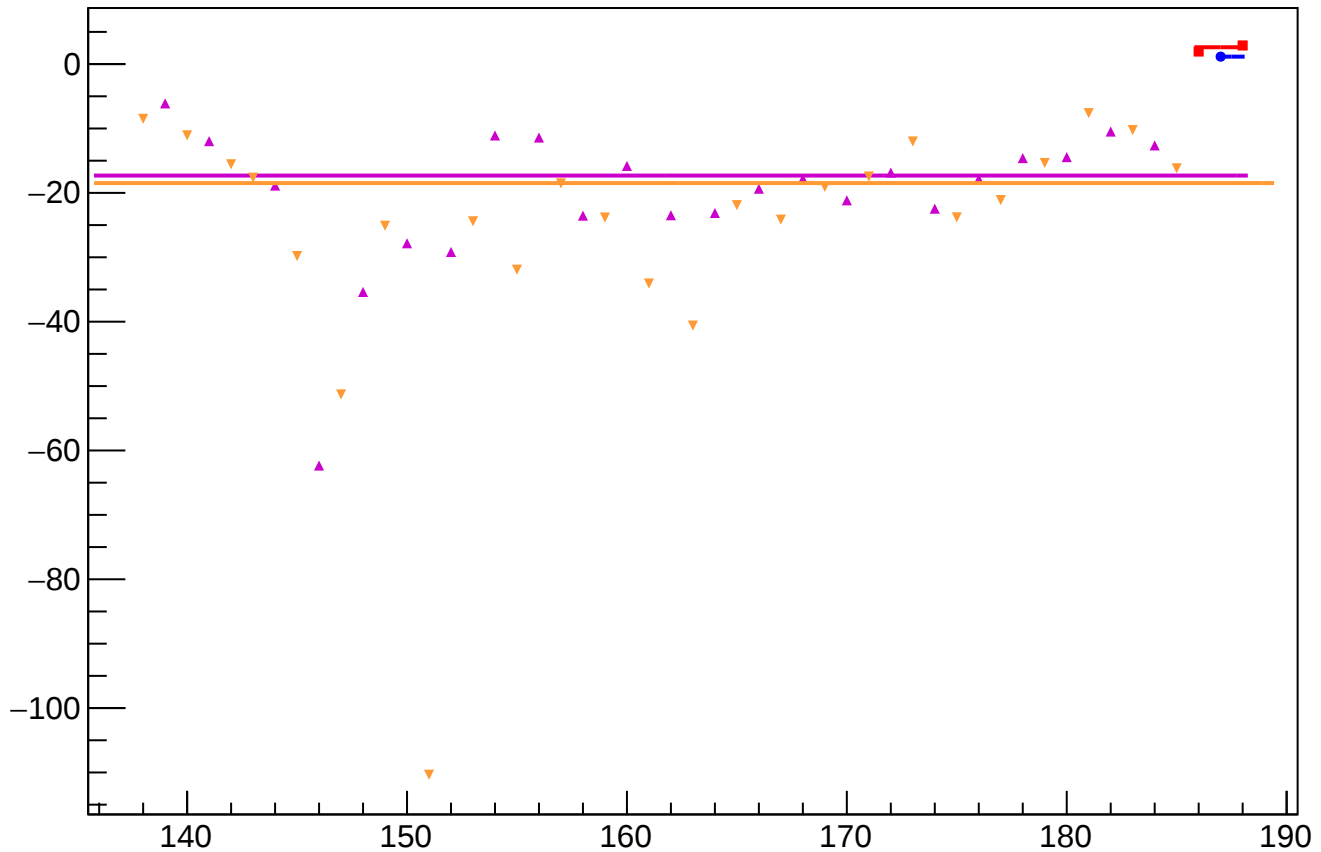
Left In: 0.087 ± 0.001 χ^2/NDF : 3604.3/22

+ sign 0.123 ± 0.001 χ^2/NDF : 5553.9/42

All: 0.115 ± 0.001 χ^2/NDF : 11691.2/86

- sign 0.108 ± 0.001 χ^2/NDF : 6081.1/43

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: 2.617 ± 0.104 χ^2/NDF : 16.8/1

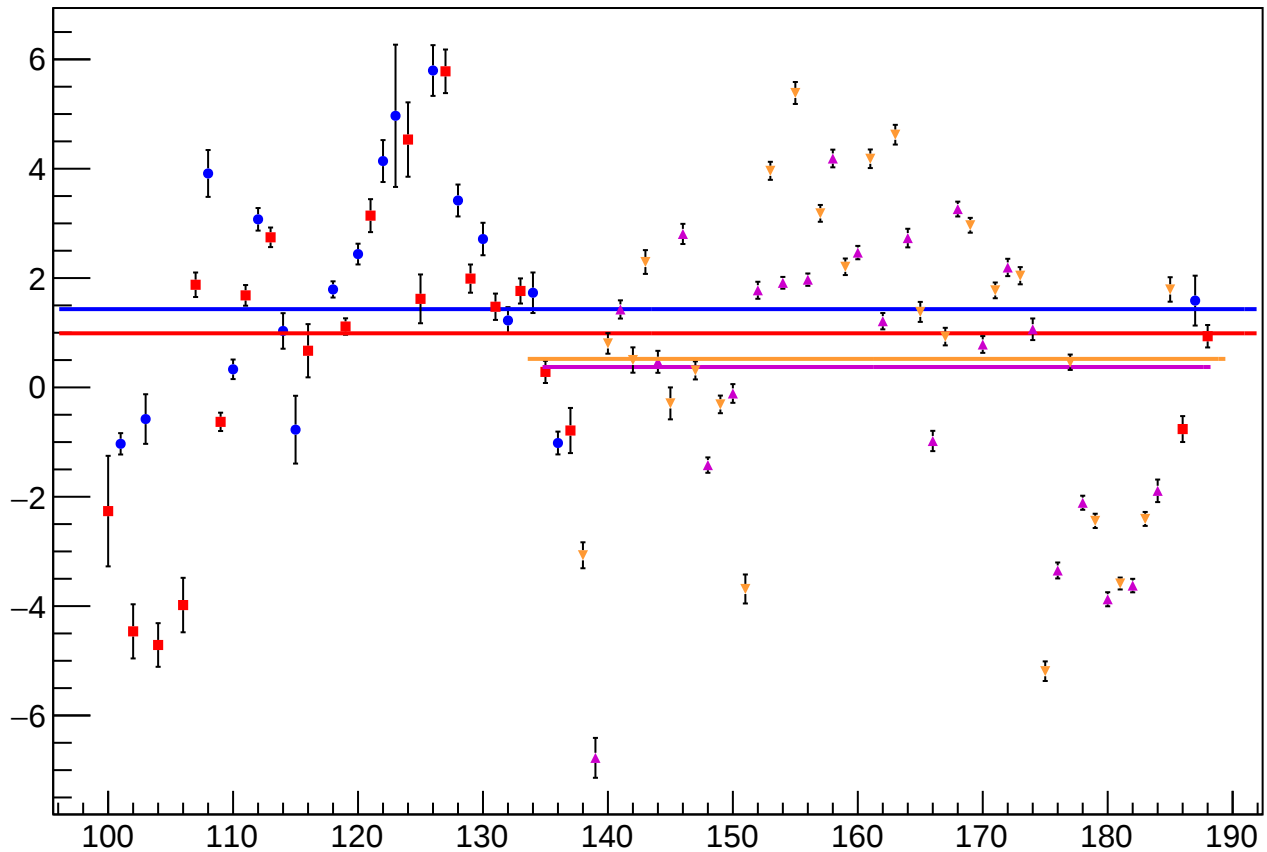
Left In: -17.309 ± 0.039 χ^2/NDF : 43807.0/22

+ sign -18.099 ± 0.039 χ^2/NDF : 92566.5/25

All: -16.361 ± 0.027 χ^2/NDF : 172190.3/50

- sign -14.878 ± 0.036 χ^2/NDF : 76009.6/24

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.432 ± 0.062 χ^2/NDF : 711.6/17

Left Out: 0.522 ± 0.033 χ^2/NDF : 7038.3/24

Right Out: 0.990 ± 0.055 χ^2/NDF : 994.9/20

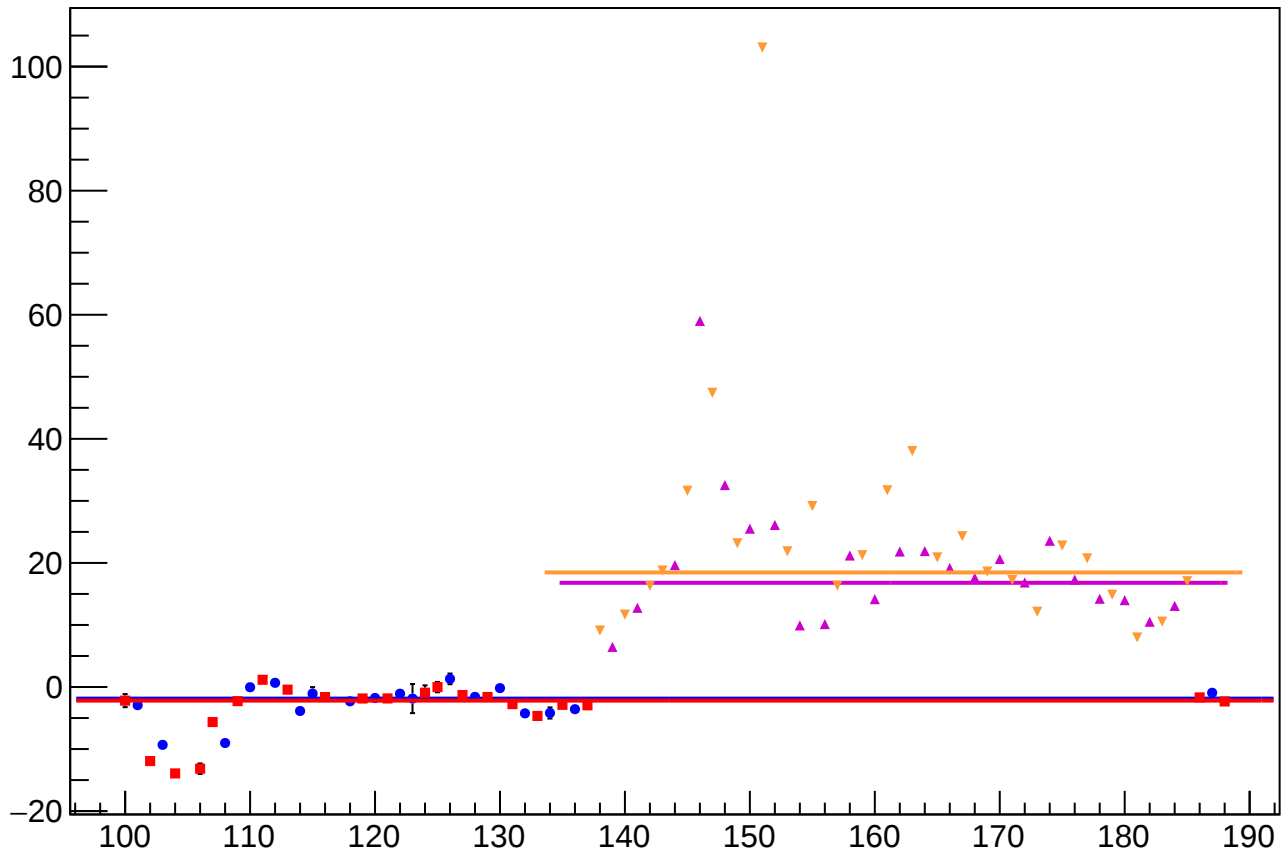
Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

+ sign 0.725 ± 0.029 χ^2/NDF : 7919.3/42

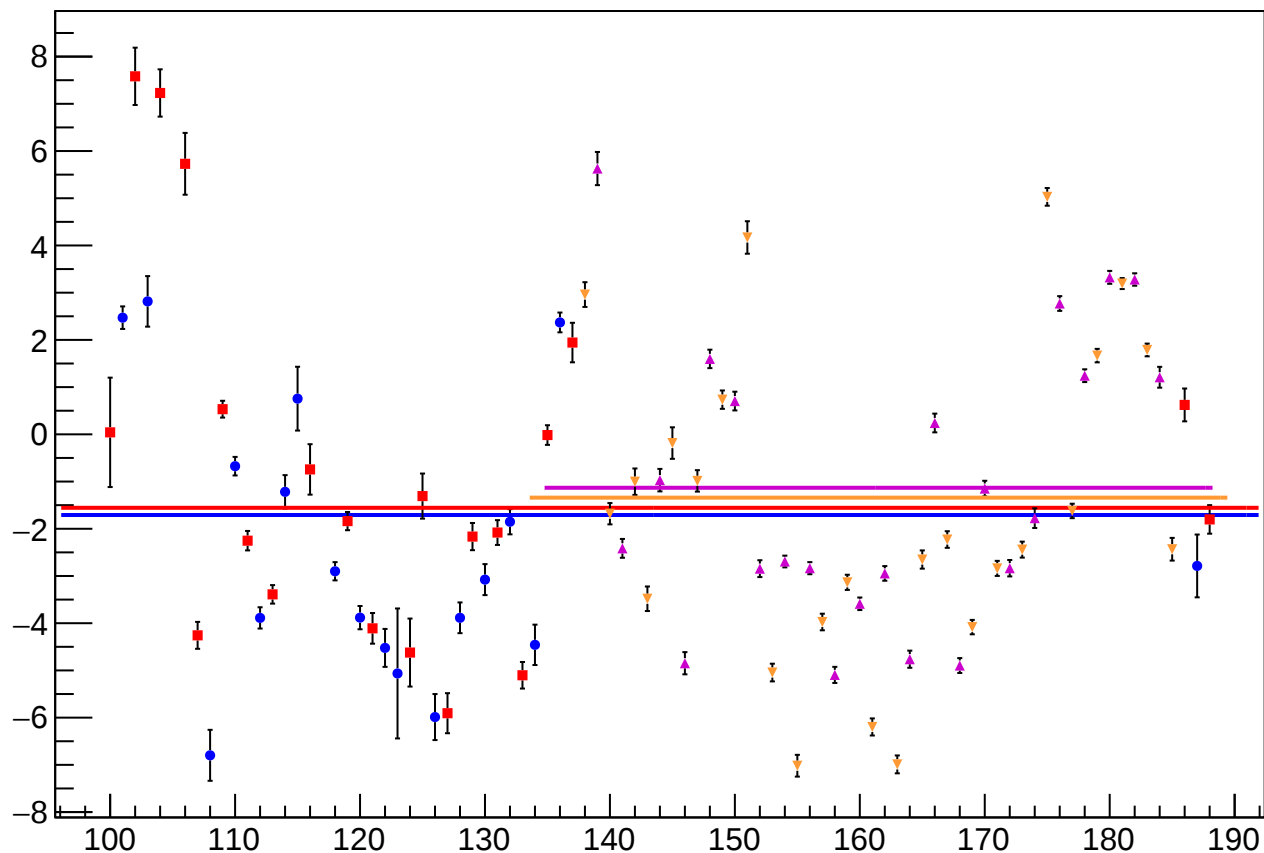
All: 0.617 ± 0.020 χ^2/NDF : 15297.7/86

- sign 0.522 ± 0.027 χ^2/NDF : 7352.6/43

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 χ^2/NDF : 1336.0/17

Left Out: -1.341 ± 0.037 χ^2/NDF : 7886.0/24

Right Out: -1.556 ± 0.064 χ^2/NDF : 1508.3/20

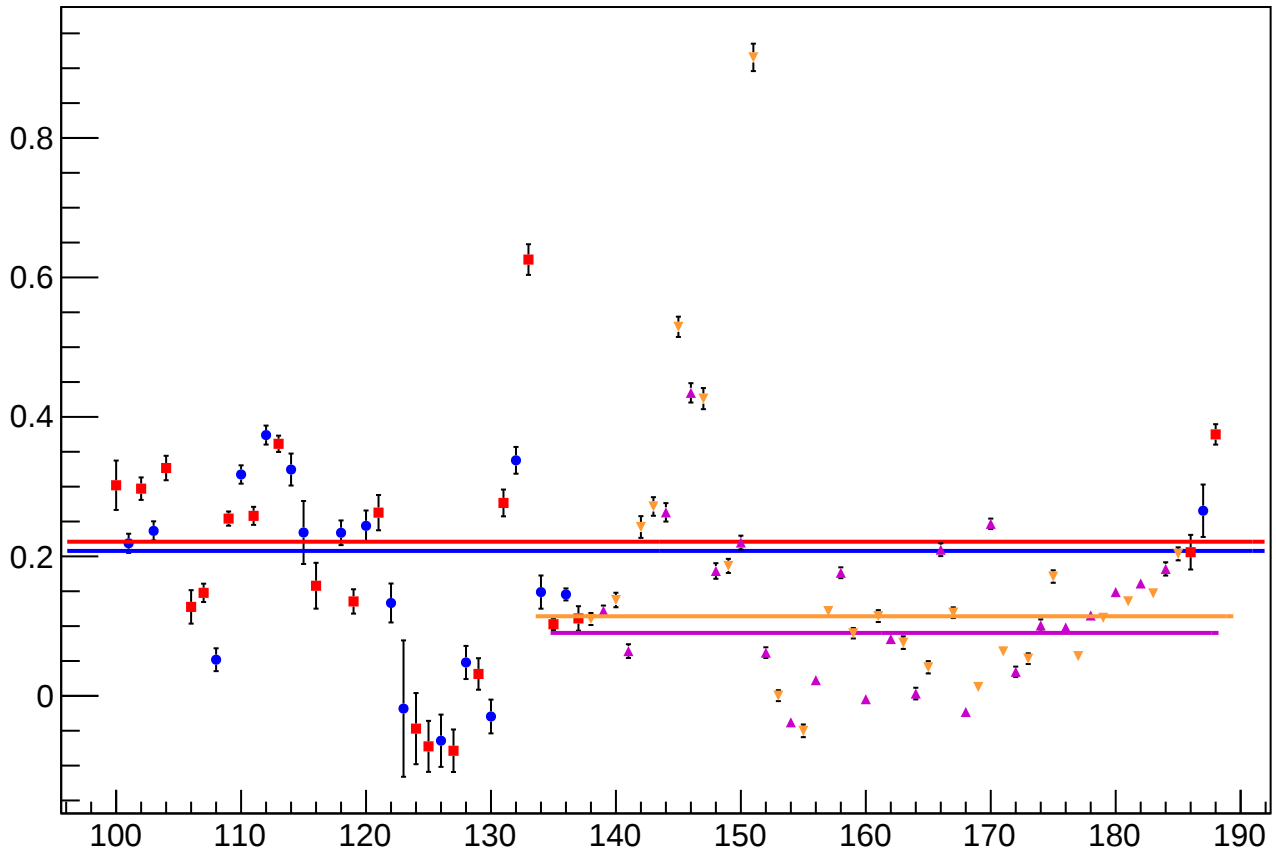
Left In: -1.132 ± 0.035 χ^2/NDF : 6743.4/22

+ sign -1.418 ± 0.033 χ^2/NDF : 9243.0/42

All: -1.317 ± 0.022 χ^2/NDF : 17546.5/86

- sign -1.228 ± 0.031 χ^2/NDF : 8285.4/43

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.208 ± 0.004 χ^2/NDF : 658.7/17

Left Out: 0.114 ± 0.002 χ^2/NDF : 4382.5/24

Right Out: 0.221 ± 0.004 χ^2/NDF : 1263.2/20

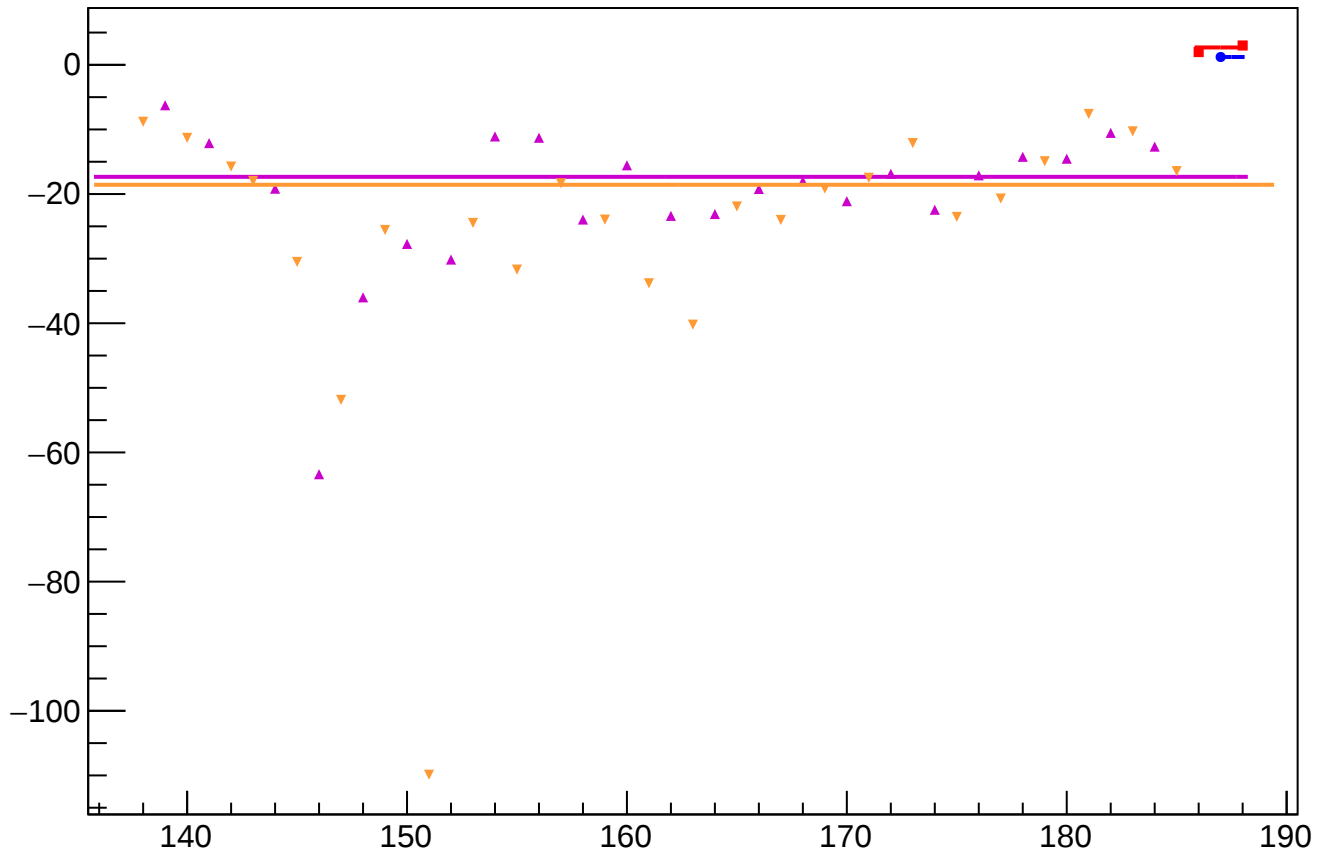
Left In: 0.090 ± 0.002 χ^2/NDF : 3679.2/22

+ sign 0.127 ± 0.002 χ^2/NDF : 5478.2/42

All: 0.118 ± 0.001 χ^2/NDF : 11600.1/86

- sign 0.110 ± 0.001 χ^2/NDF : 6059.7/43

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 1.216 ± 0.284 χ^2/NDF : 0.0/0

Left Out: -18.565 ± 0.040 χ^2/NDF : 86349.5/24

Right Out: 2.692 ± 0.106 χ^2/NDF : 19.3/1

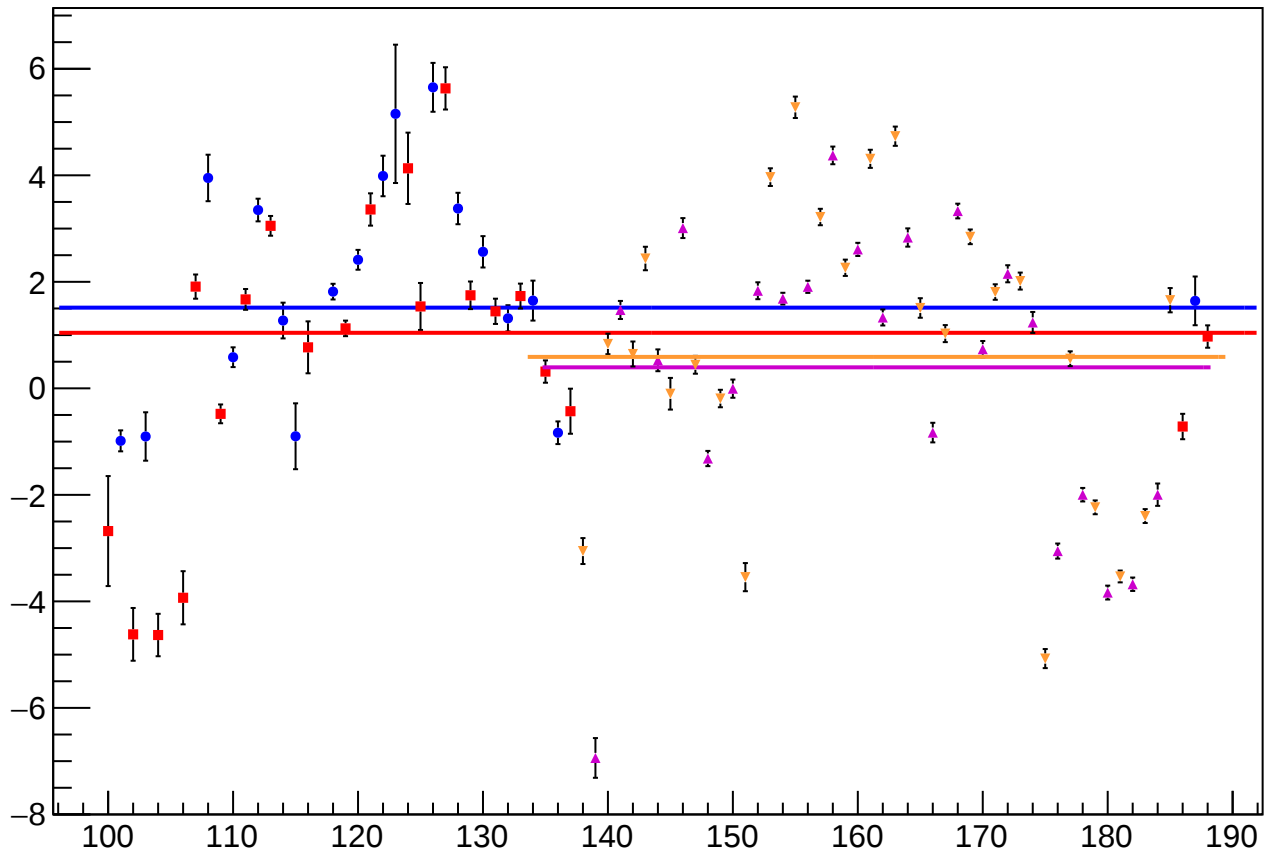
Left In: -17.335 ± 0.039 χ^2/NDF : 44078.7/22

+ sign -18.178 ± 0.040 χ^2/NDF : 91102.1/25

All: -16.427 ± 0.027 χ^2/NDF : 170205.7/50

- sign -14.932 ± 0.037 χ^2/NDF : 75504.6/24

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.515 $\pm$ 0.062 χ^2/NDF : 669.8/17

Left Out: 0.590 $\pm$ 0.033 χ^2/NDF : 6780.3/24

Right Out: 1.043 $\pm$ 0.056 χ^2/NDF : 975.4/20

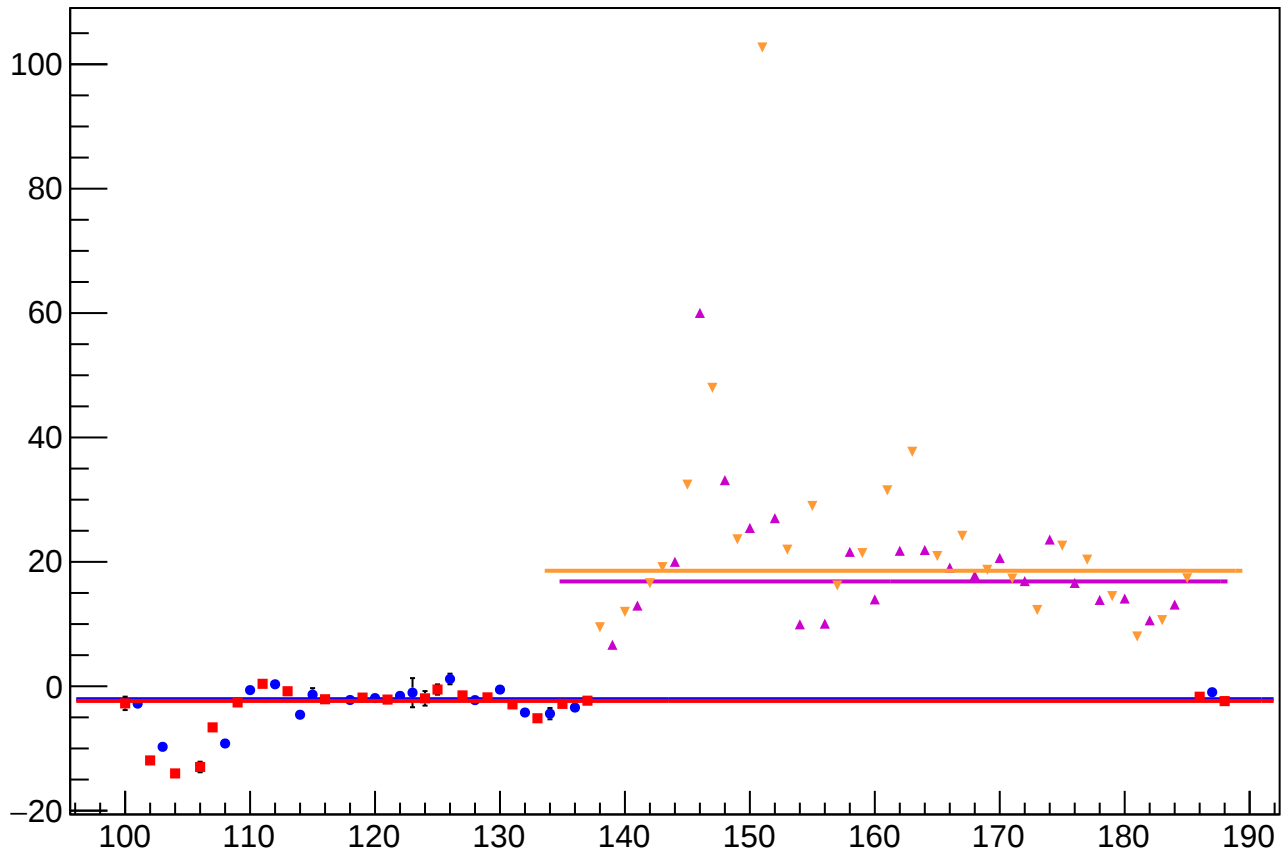
Left In: 0.394 $\pm$ 0.032 χ^2/NDF : 6112.7/22

+ sign 0.797 $\pm$ 0.029 χ^2/NDF : 7622.2/42

All: 0.666 $\pm$ 0.020 χ^2/NDF : 14849.2/86

- sign 0.551 $\pm$ 0.028 χ^2/NDF : 7189.4/43

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: -2.355 ± 0.066 $\chi^2/\text{NDF}: 866.2/20$

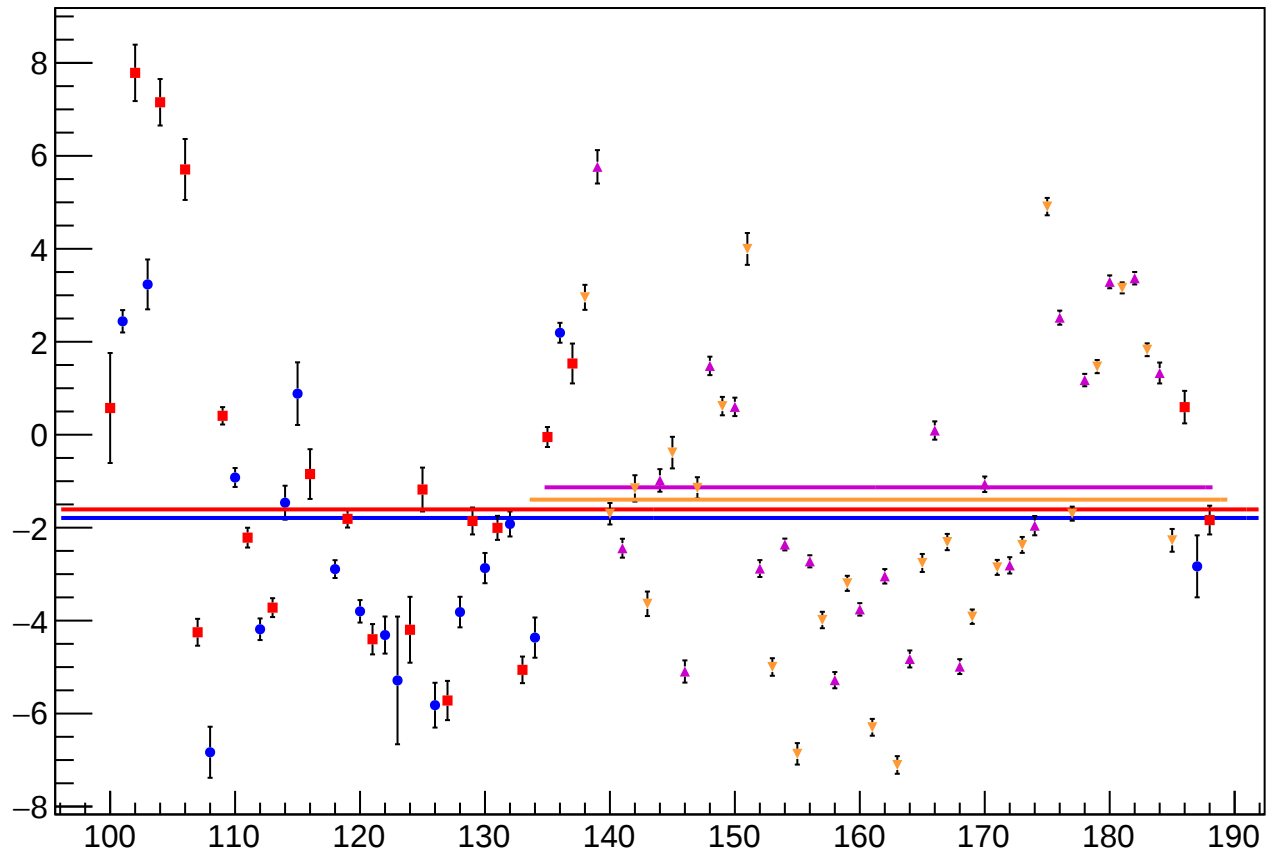
Left In: 16.854 ± 0.039 $\chi^2/\text{NDF}: 40590.0/22$

+ sign 15.812 ± 0.038 $\chi^2/\text{NDF}: 111513.8/42$

All: 13.629 ± 0.025 $\chi^2/\text{NDF}: 222364.2/86$

- sign 11.899 ± 0.033 $\chi^2/\text{NDF}: 104781.1/43$

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: -1.607 ± 0.065 $\chi^2/\text{NDF}: 1470.8/20$

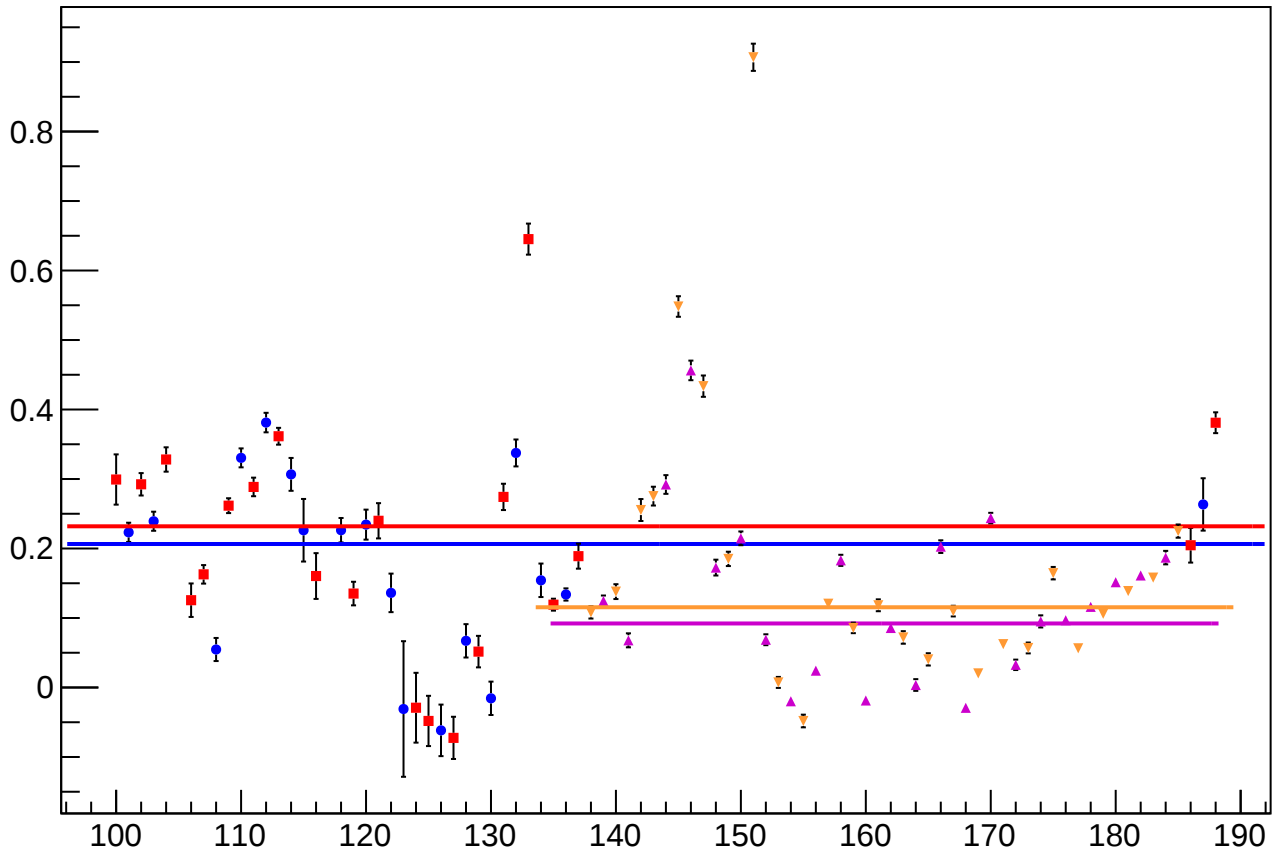
Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6638.3/22$

+ sign -1.479 ± 0.033 $\chi^2/\text{NDF}: 8929.7/42$

All: -1.352 ± 0.023 $\chi^2/\text{NDF}: 17108.2/86$

- sign -1.239 ± 0.031 $\chi^2/\text{NDF}: 8150.2/43$

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: 0.232 ± 0.004 χ^2/NDF : 1147.9/20

Left In: 0.092 ± 0.002 χ^2/NDF : 3632.6/22

+ sign 0.128 ± 0.002 χ^2/NDF : 5479.4/42

All: 0.120 ± 0.001 χ^2/NDF : 11537.2/86

- sign 0.113 ± 0.001 χ^2/NDF : 6010.8/43