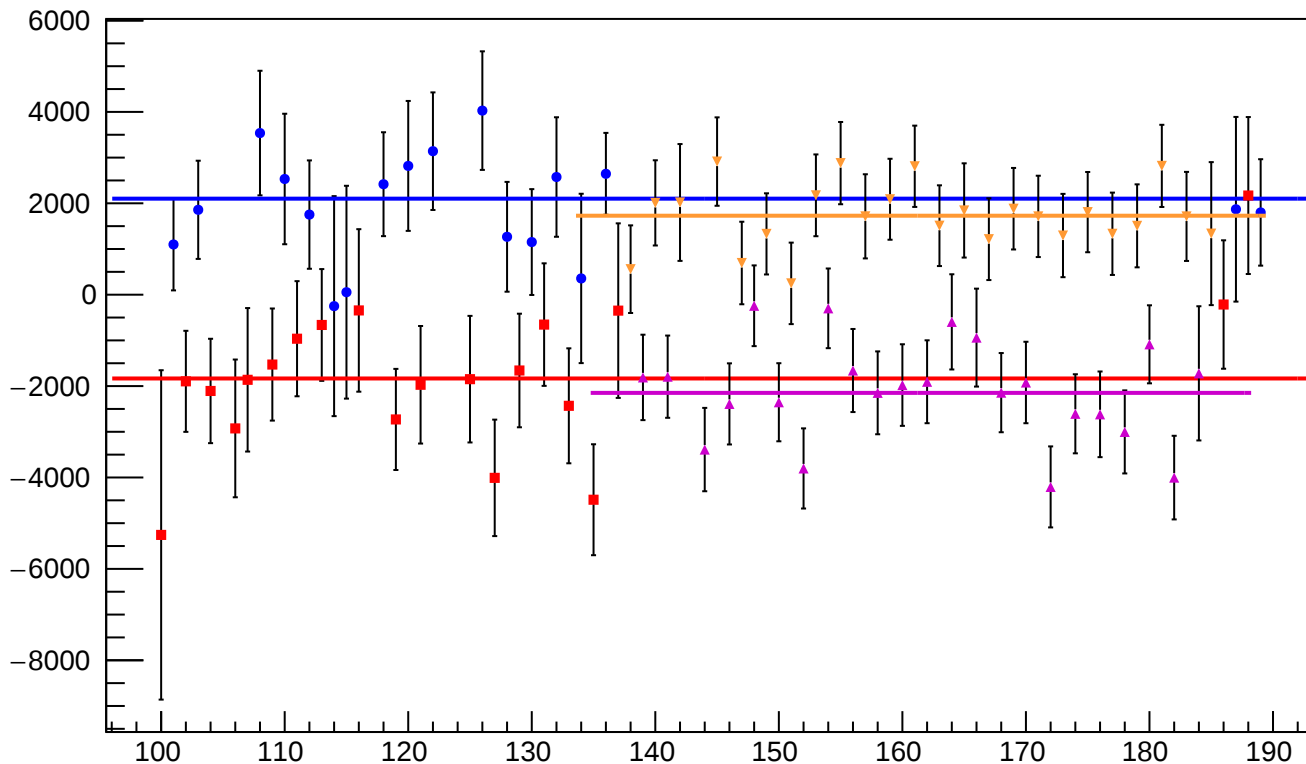


dit_asym_us_avg_mean vs Slug



Right In: 2101.624+/-301.991

χ^2/NDF : 9.9/17

Left Out: 1728.518+/-190.668

χ^2/NDF : 13.4/23

Right Out: -1833.471+/-301.782

χ^2/NDF : 20.4/19

Left In: -2148.611+/-191.090

χ^2/NDF : 31.5/22

+ sign 1834.858+/-161.223

χ^2/NDF : 24.3/41

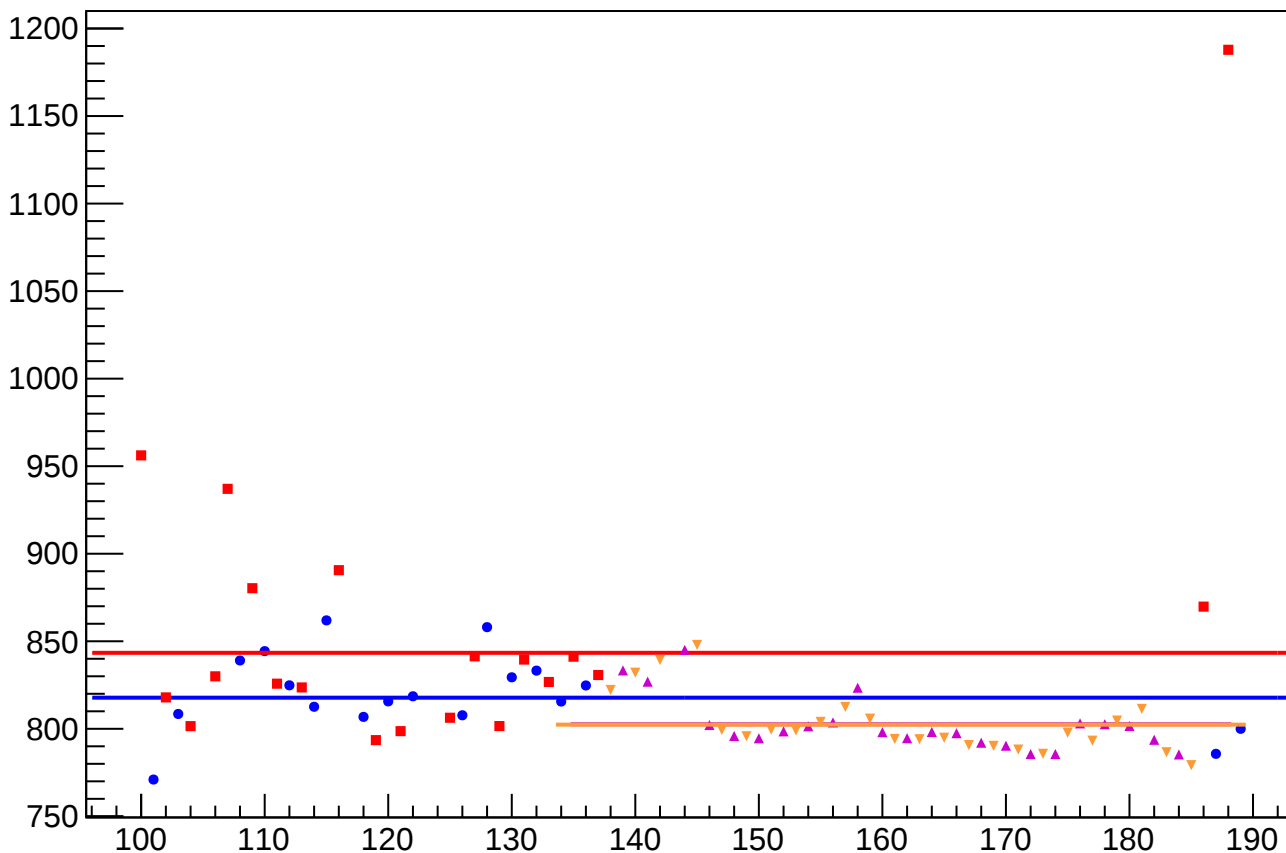
All: -109.085+/-114.081

χ^2/NDF : 368.2/84

- sign -2058.418+/-161.446

χ^2/NDF : 52.7/42

dit_asym_us_avg_rms vs Slug



Right In: 817.782 $\pm$ 0.214 χ^2 /NDF: 10596.8/17

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

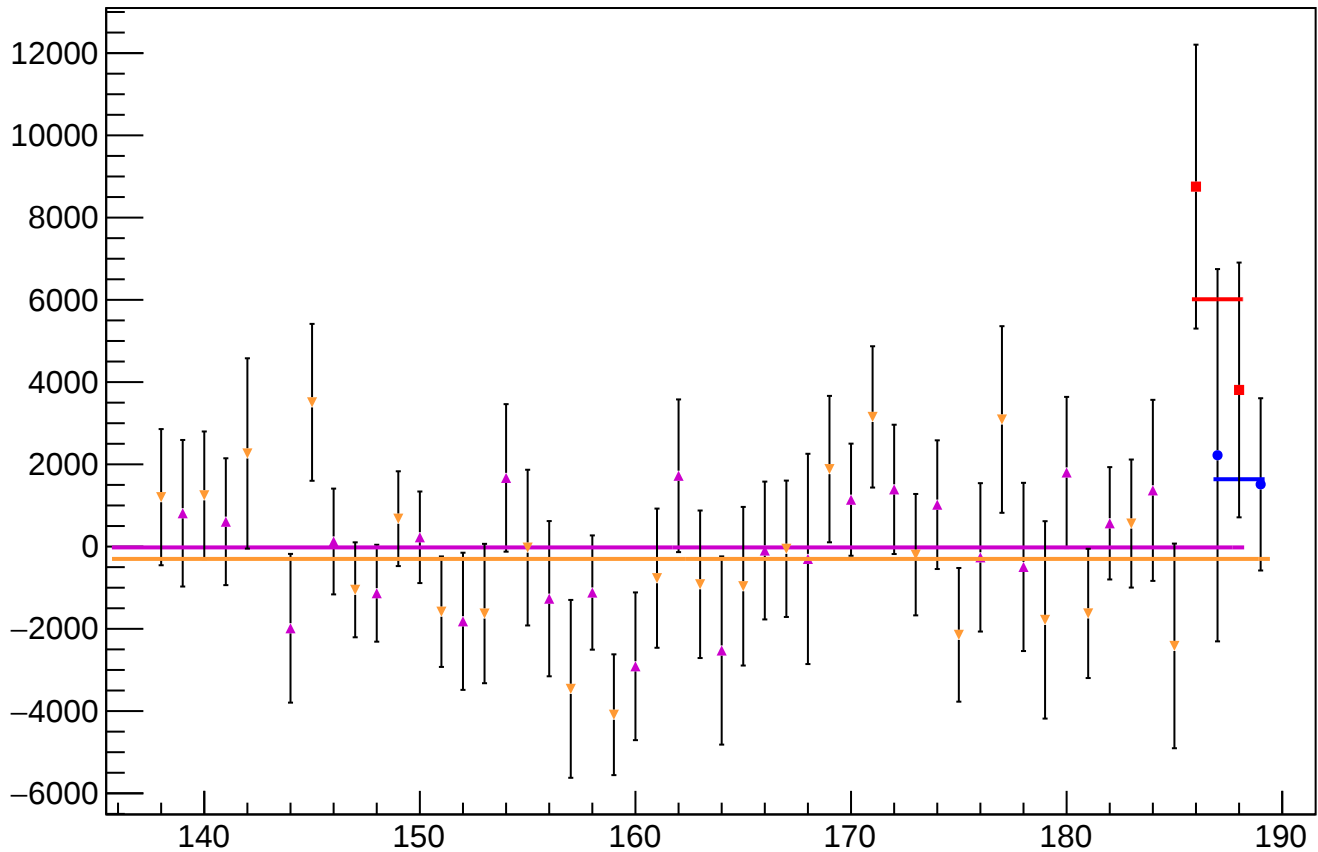
Left In: 802.565 $\pm$ 0.135 χ^2 /NDF:12297.8/22

+ sign 806.772 $\pm$ 0.114 χ^2 /NDF: 27539.7/41

All: 810.507 $\pm$ 0.081 χ^2 /NDF: 177045.7/84

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

asym_us_avg_correction_mean vs Slug



Right In: 1638.138 $\pm$ 1900.888 χ^2 /NDF: 0.0/1

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

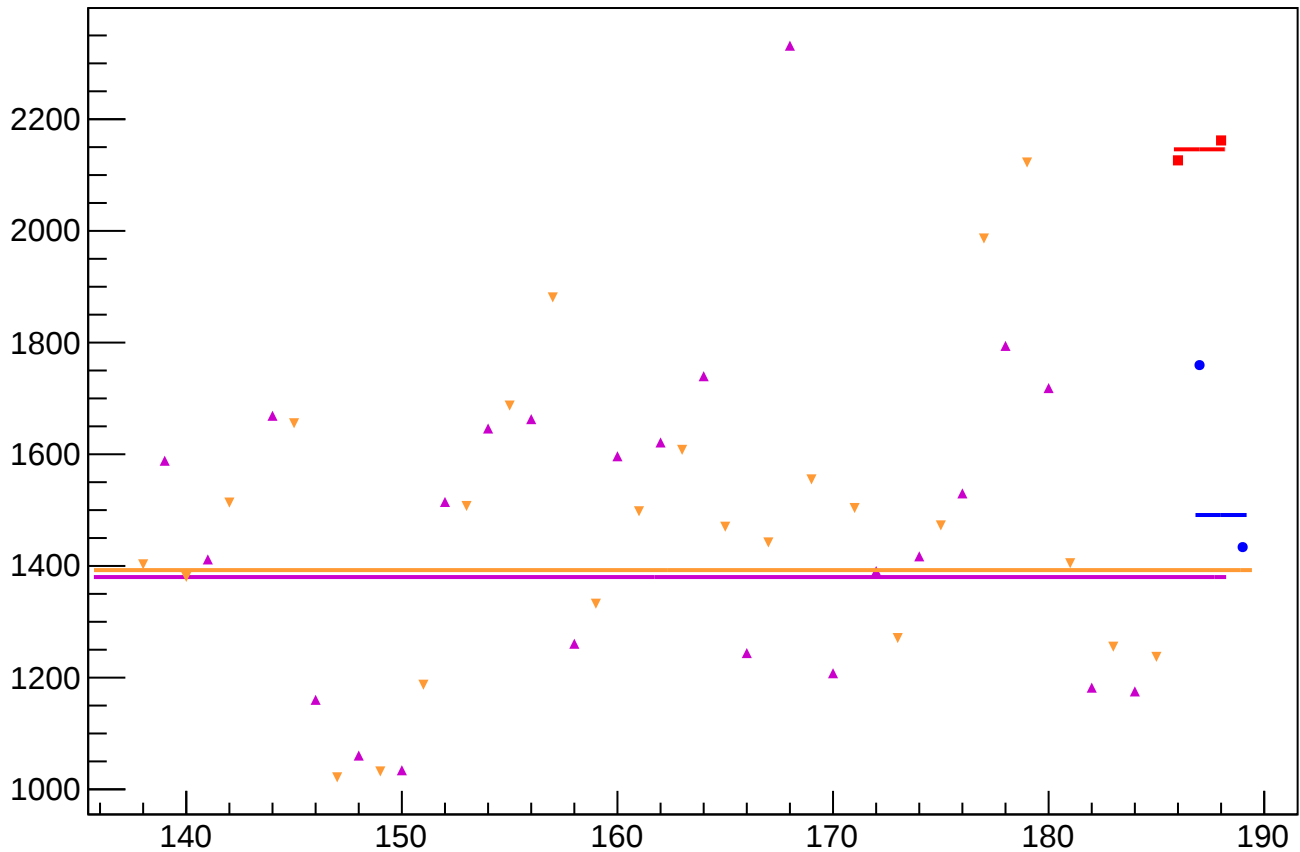
Left In: -20.057 $\pm$ 335.636 χ^2 /NDF:13.9/22

+ sign -240.271 $\pm$ 333.150 χ^2 /NDF: 31.1/25

All: -67.019 $\pm$ 235.213 χ^2 /NDF: 53.4/50

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

asym_us_avg_correction_rms vs Slug



Right In: 1491.225+/-1.344 χ^2/NDF : 8540.7/1

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

Right Out: 2146.073+/-1.630 χ^2/NDF : 118.2/1

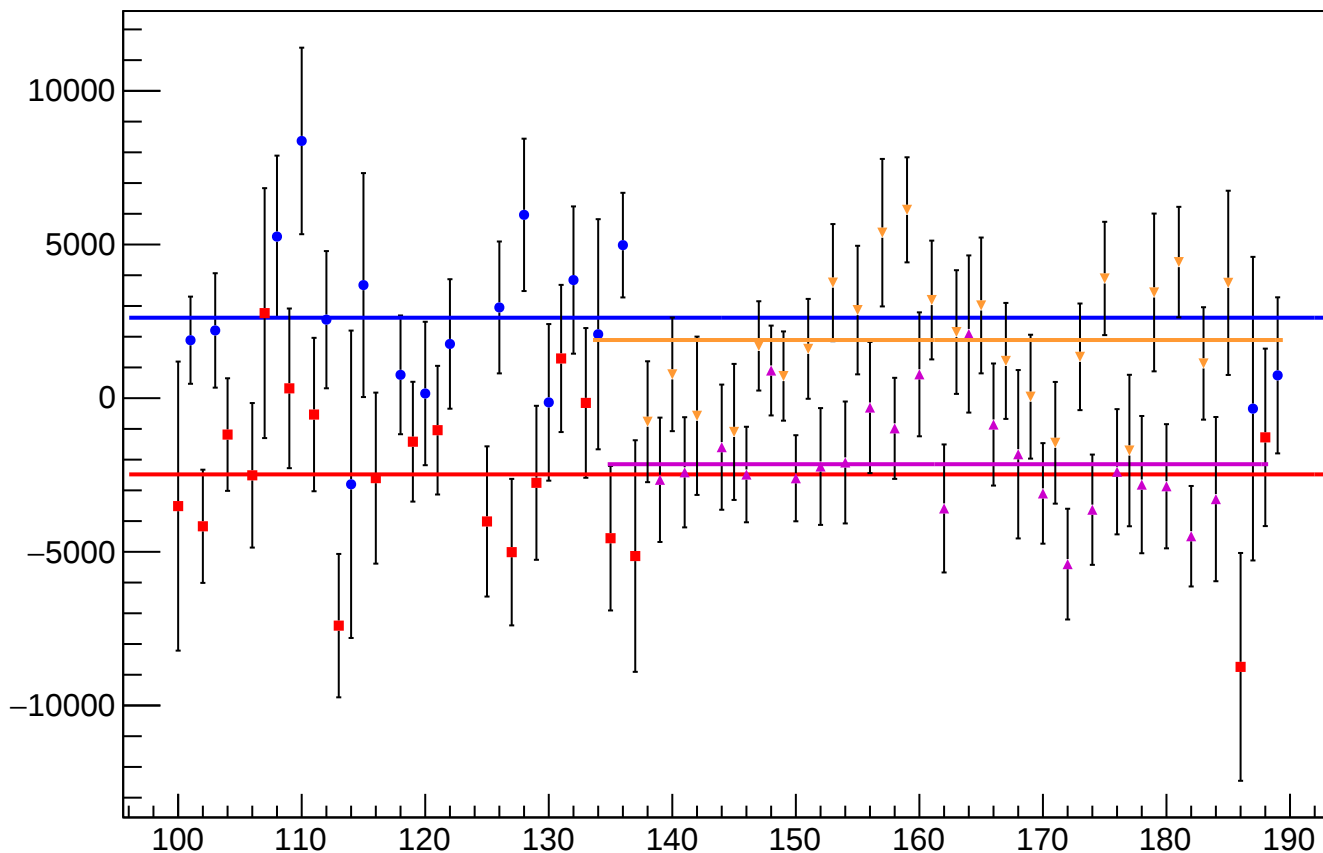
Left In: 1380.121+/-0.237 χ^2/NDF : 1252901.4/22

+ sign 1395.591+/-0.236 χ^2/NDF : 1099742.9/25

All: 1395.805+/-0.166 χ^2/NDF : 2568930.4/50

- sign 1396.017+/-0.235 χ^2/NDF : 1469185.9/24

asym_us_avg_mean vs Slug



Right In: 2618.186 $\pm$ 546.232 χ^2 /NDF: 14.5/17

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

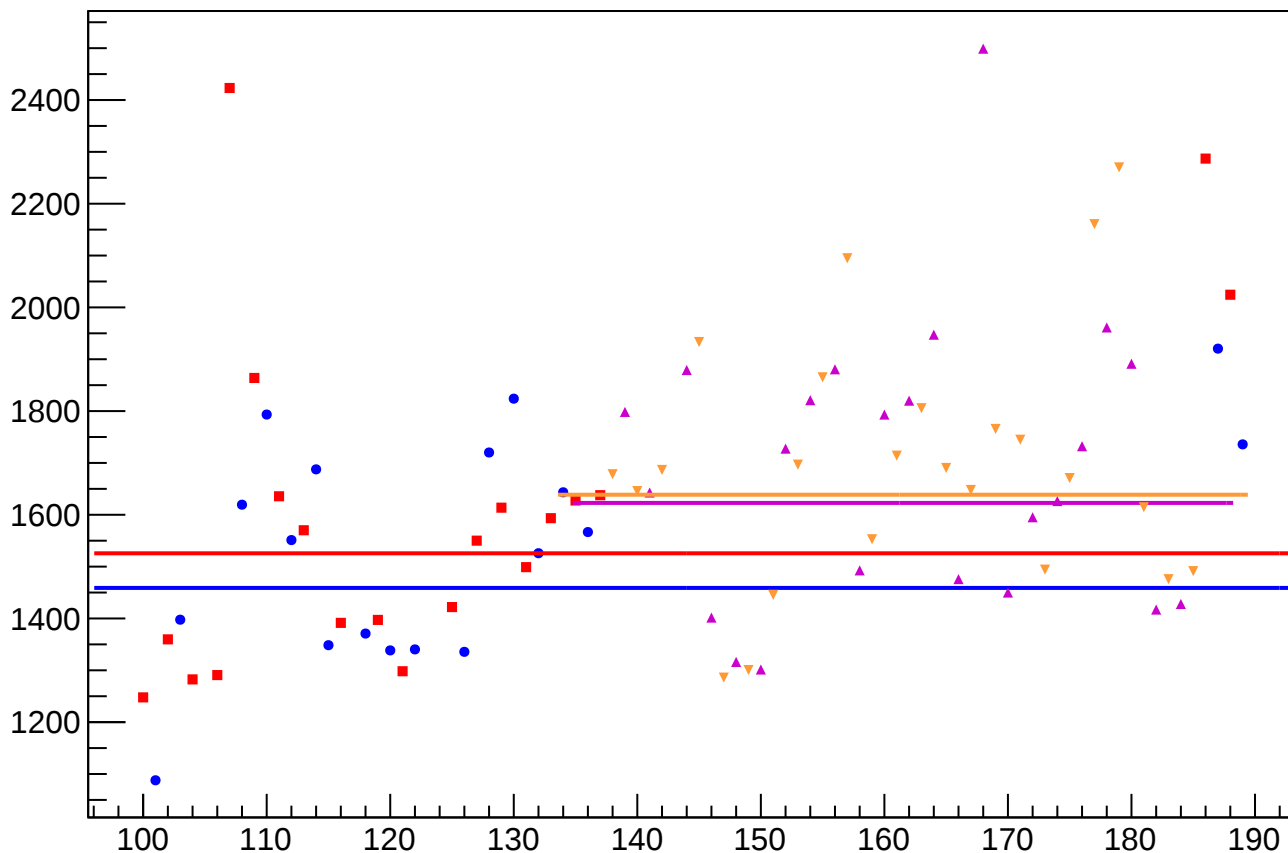
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

+ sign 2141.518 $\pm$ 319.972 χ^2 /NDF: 41.6/41

All: -62.716 $\pm$ 226.071 χ^2 /NDF: 174.3/84

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

asym_us_avg_rms vs Slug



Right In: 1458.931 $\pm$ 0.386 χ^2 /NDF: 321515.1/17

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

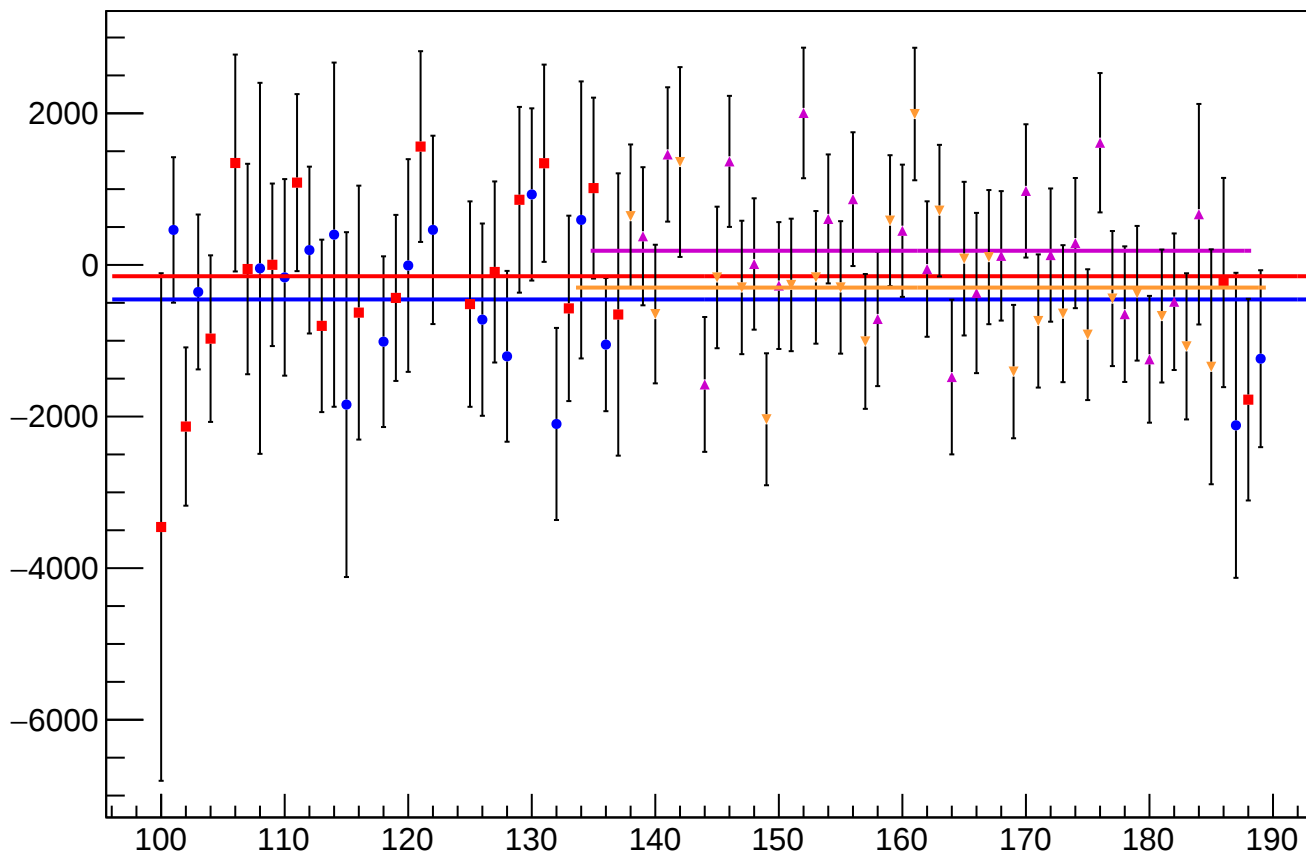
Left In: 1622.876 $\pm$ 0.277 χ^2 /NDF: 780522.2/22

+ sign 1577.000 $\pm$ 0.226 χ^2 /NDF: 1135757.5/41

All: 1583.674 $\pm$ 0.160 χ^2 /NDF: 2368217.9/84

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

dit_asym_us_dd_mean vs Slug



Right In: -455.158 ± 296.845 χ^2/NDF : 8.3/17

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

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

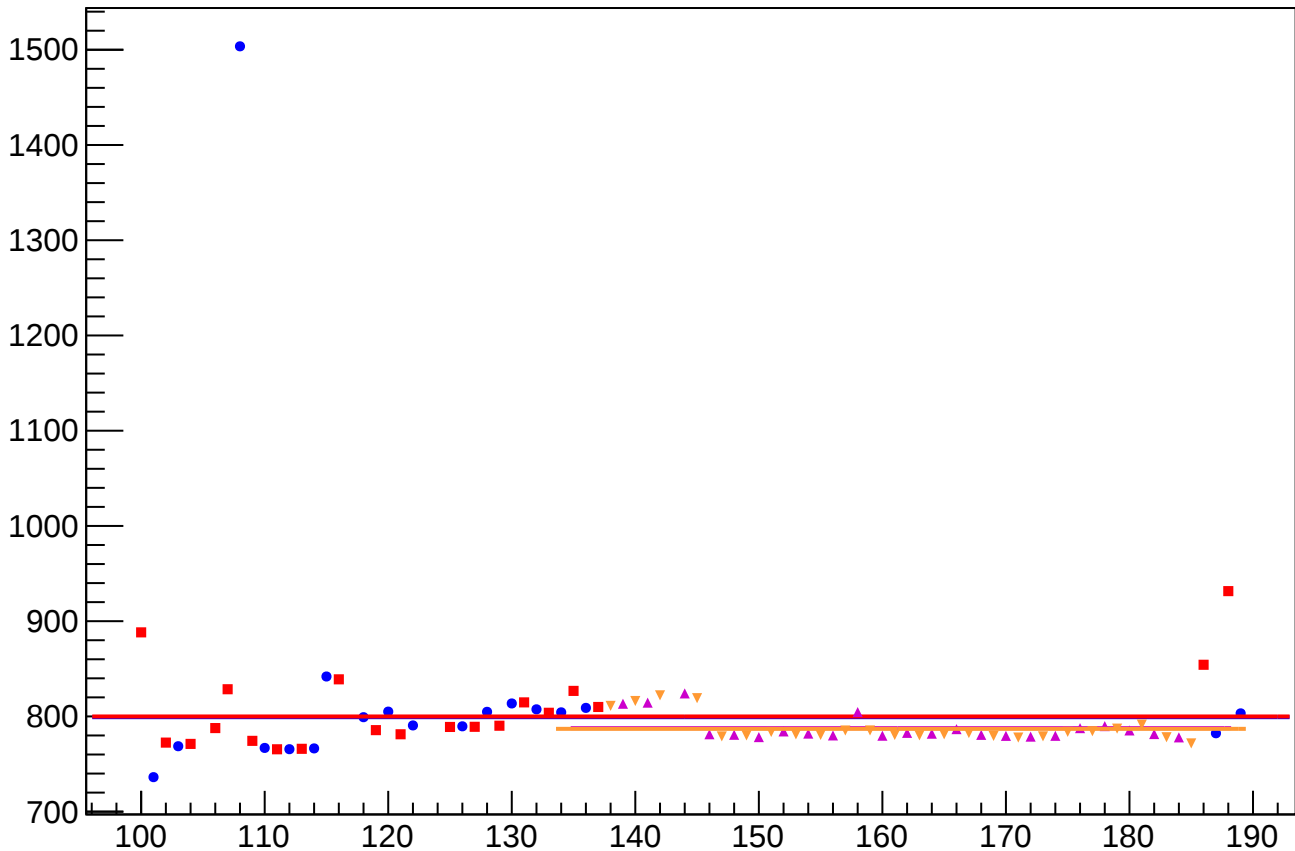
Left In: 187.064 ± 187.529 χ^2/NDF : 25.4/22

+ sign -343.134 ± 158.206 χ^2/NDF : 29.5/41

All: -126.697 ± 111.329 χ^2/NDF : 74.0/84

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

dit_asym_us_dd_rms vs Slug



Right In: 799.203 ± 0.210 χ^2/NDF : 181468.5/17

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

Right Out: 799.947 ± 0.202 χ^2/NDF : 36131.1/19

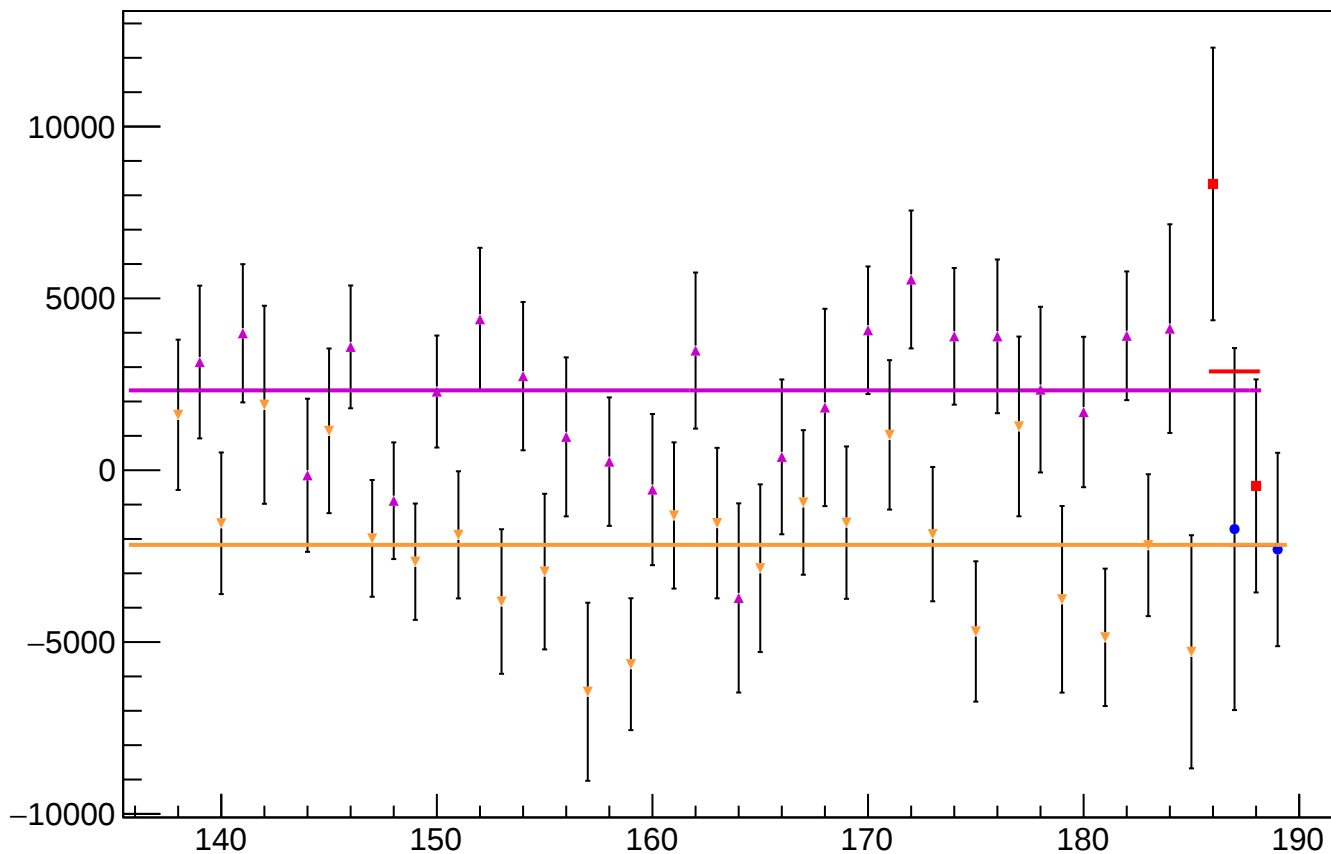
Left In: 787.707 ± 0.133 χ^2/NDF : 9449.8/22

+ sign 790.436 ± 0.112 χ^2/NDF : 193055.2/41

All: 790.923 ± 0.079 χ^2/NDF : 241245.3/84

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

asym_us_dd_correction_mean vs Slug



Right In: -2174.549 ± 2481.773 $\chi^2/\text{NDF}: 0.0/1$

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

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

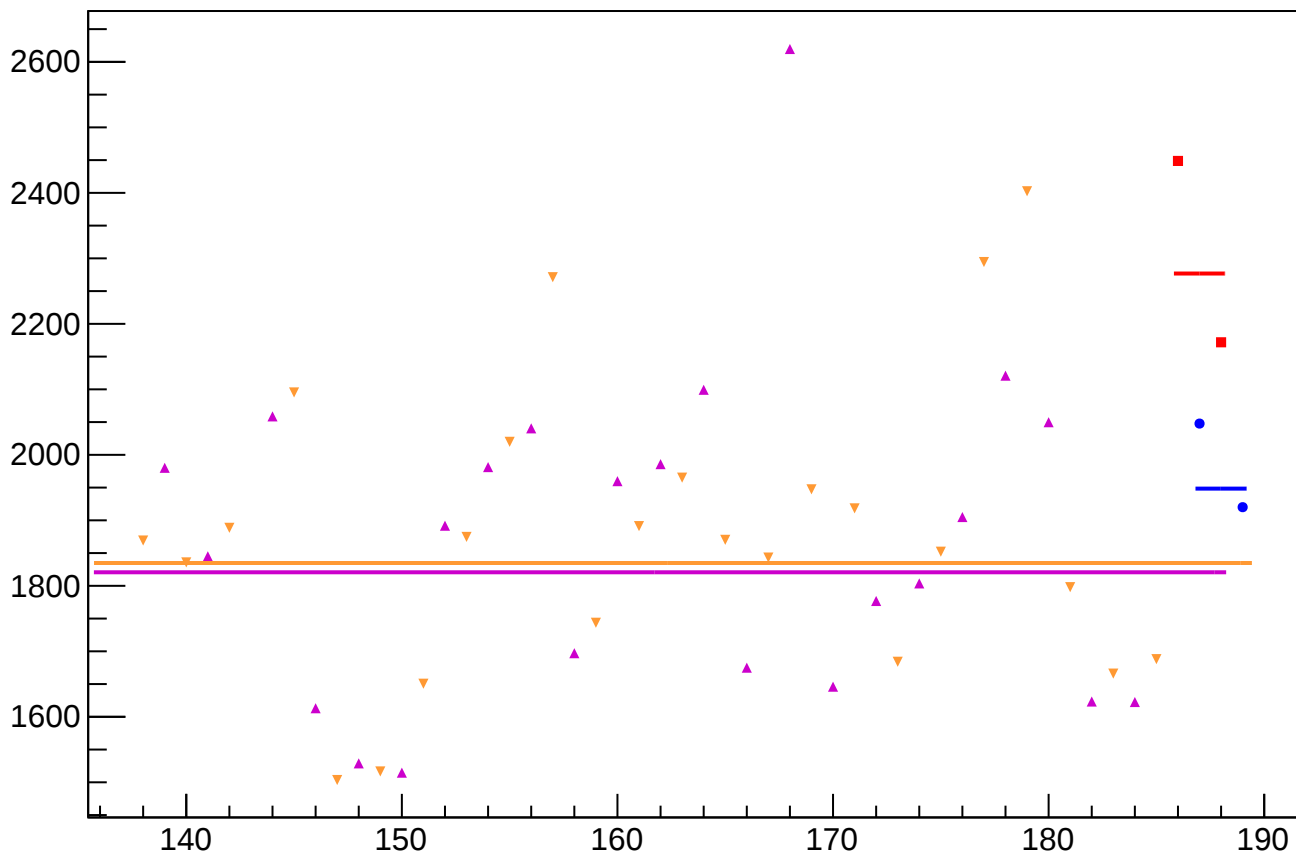
Left In: 2323.747 ± 437.513 $\chi^2/\text{NDF}: 22.0/22$

+ sign -2172.038 ± 433.348 $\chi^2/\text{NDF}: 23.1/25$

All: 98.480 ± 305.468 $\chi^2/\text{NDF}: 102.8/50$

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

asym_us_dd_correction_rms vs Slug



Right In: 1948.426 $\pm$ 1.755 χ^2/NDF : 914.0/1

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

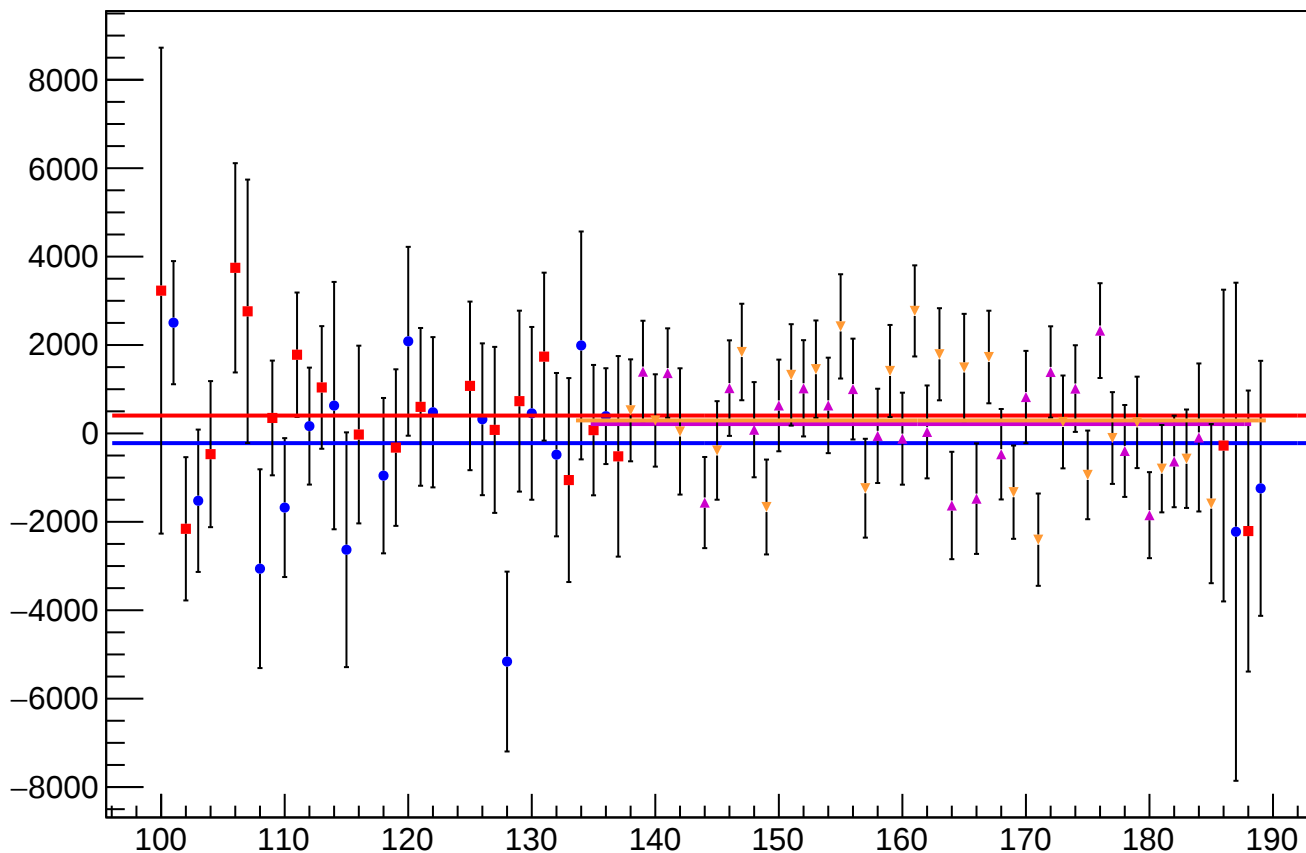
Left In: 1820.669 $\pm$ 0.309 χ^2/NDF : 537910.0/22

+ sign 1838.314 $\pm$ 0.306 χ^2/NDF : 467832.5/25

All: 1836.573 $\pm$ 0.216 χ^2/NDF : 1079465.3/50

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

asym_us_dd_mean vs Slug



Right In: -219.690 ± 425.528 $\chi^2/\text{NDF}: 16.9/17$

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

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

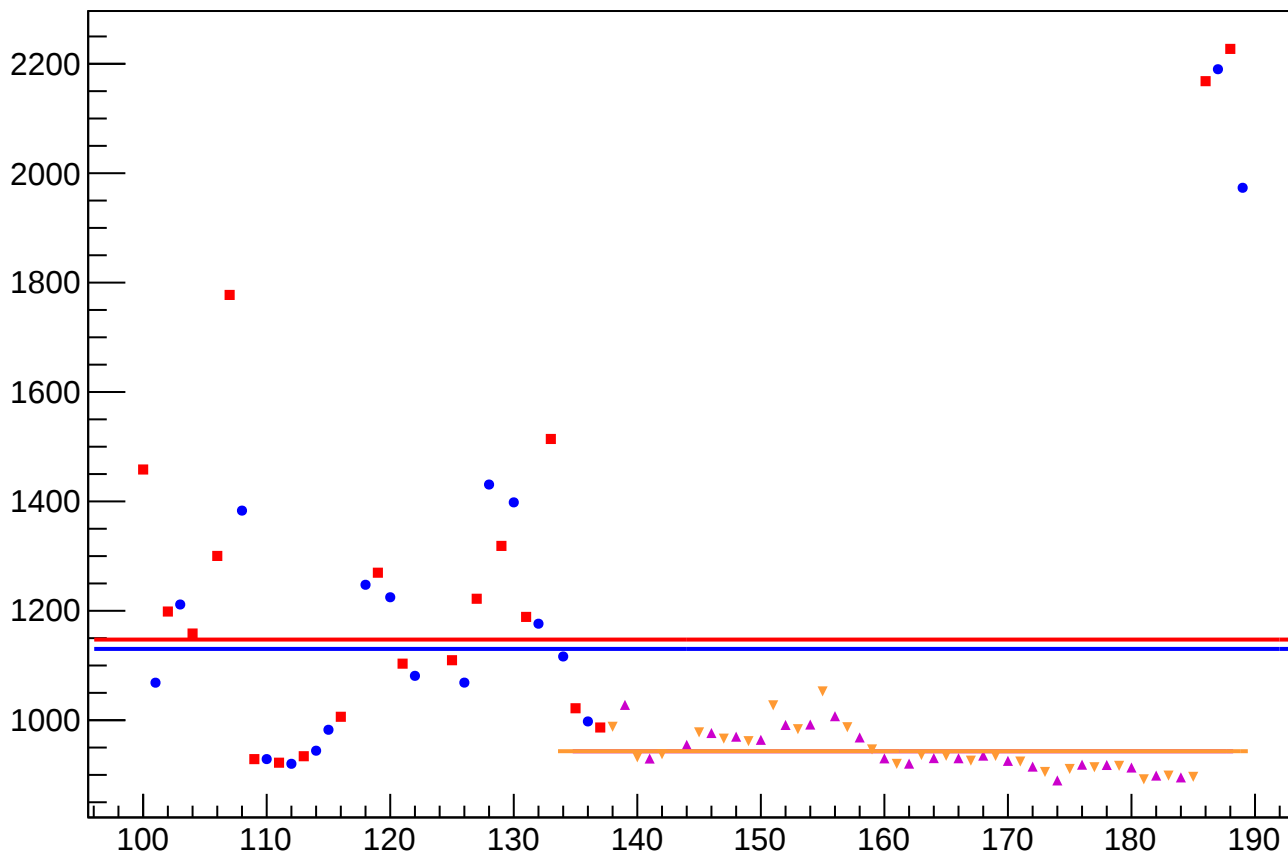
Left In: 212.080 ± 224.701 $\chi^2/\text{NDF}: 23.7/22$

+ sign 182.782 ± 198.453 $\chi^2/\text{NDF}: 56.3/41$

All: 218.854 ± 140.216 $\chi^2/\text{NDF}: 89.4/84$

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

asym_us_dd_rms vs Slug



Right In: 1130.315+/-0.301 χ^2 /NDF: 503713.0/17

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

Right Out: 1147.416+/-0.297 χ^2 /NDF: 774434.1/19

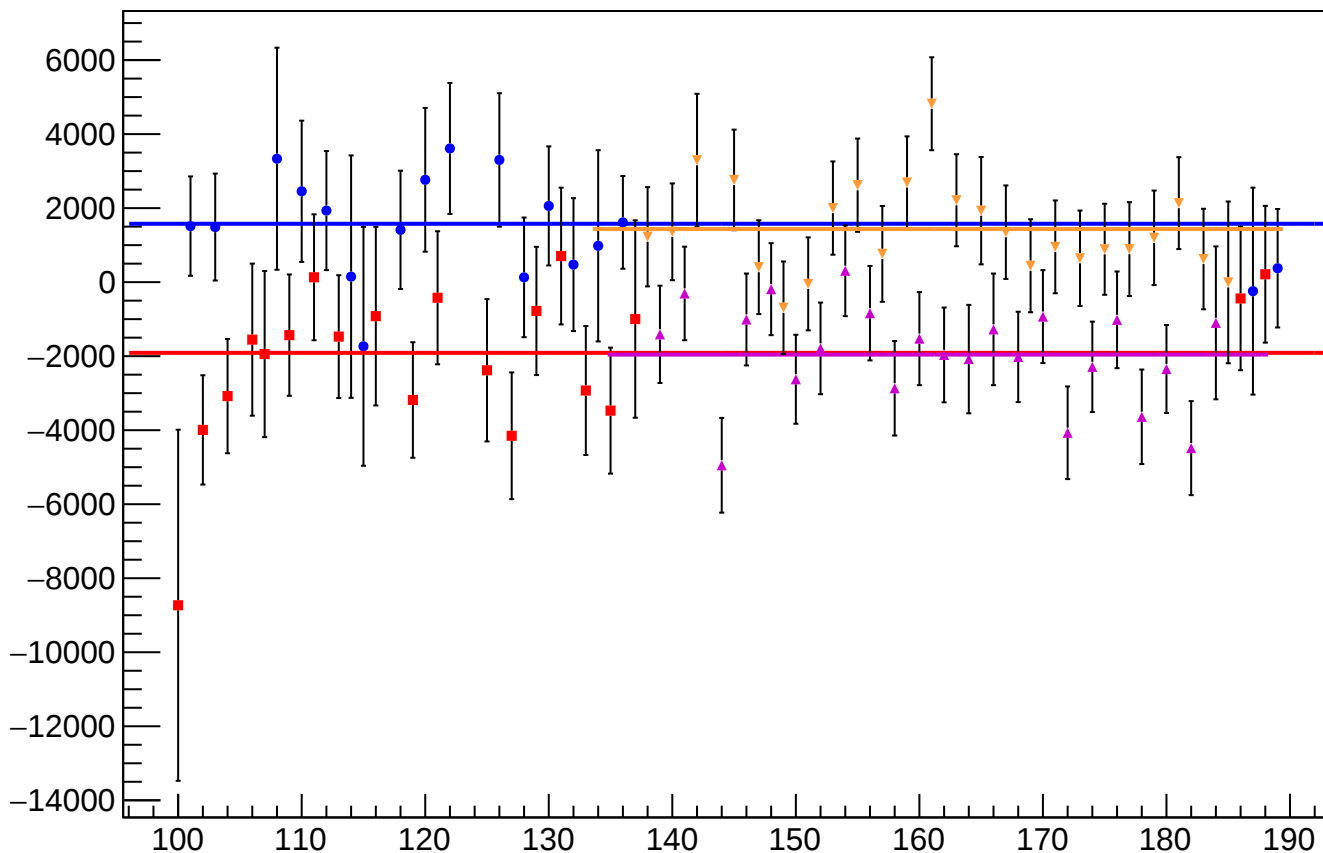
Left In: 943.137+/-0.159 χ^2 /NDF:49948.2/22

+ sign 983.997+/-0.140 χ^2 /NDF: 866317.4/41

All: 986.291+/-0.099 χ^2 /NDF: 2058927.2/84

- sign 988.577+/-0.140 χ^2 /NDF: 1192076.4/42

dit_asym_usl_mean vs Slug



Right In: 1577.150 ± 420.145 χ^2/NDF : 6.8/17

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

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

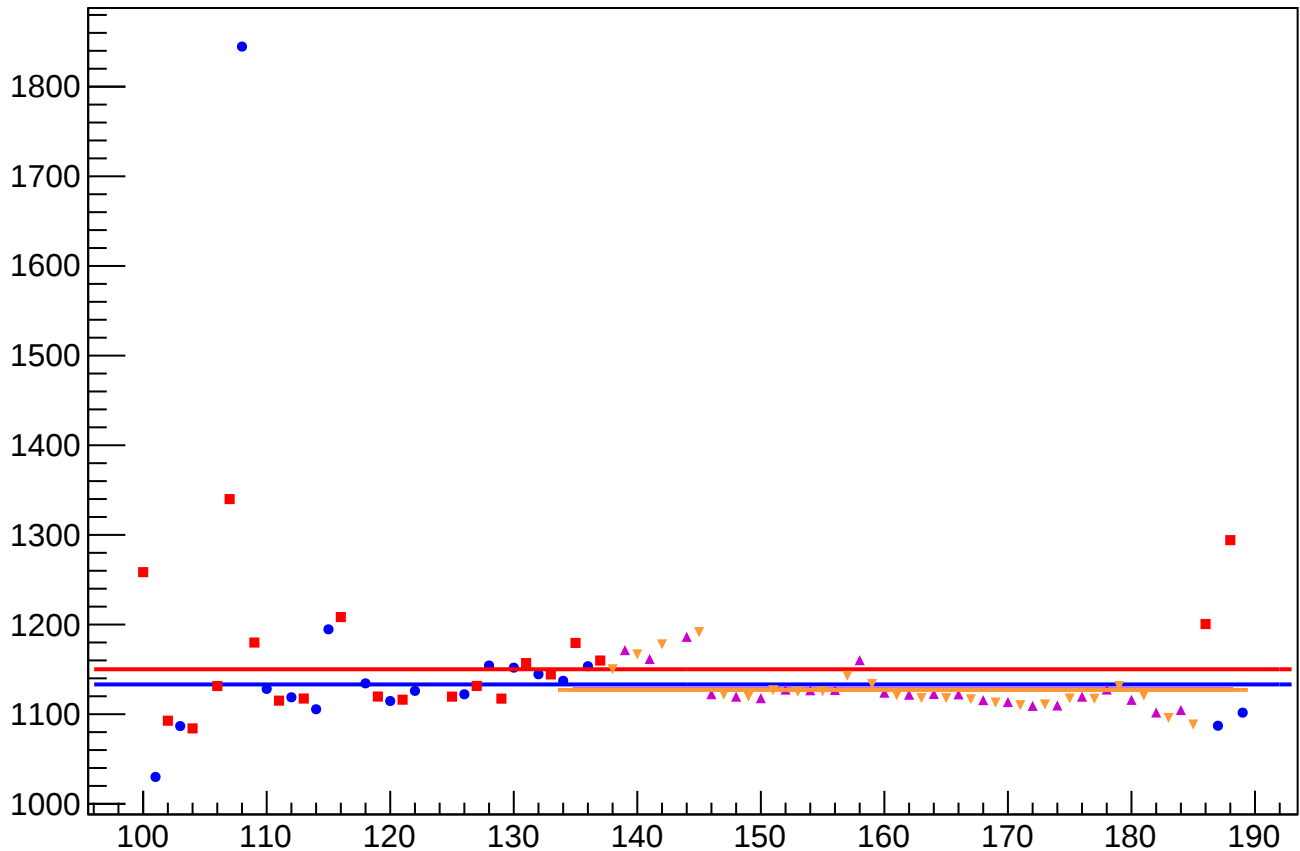
Left In: -1957.574 ± 268.487 χ^2/NDF : 25.4/22

+ sign 1475.987 ± 225.836 χ^2/NDF : 26.7/41

All: -242.662 ± 159.270 χ^2/NDF : 182.5/84

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

dit_asym_usl_rms vs Slug



Right In: 1133.203+/-0.297 χ^2/NDF : 130244.3/17

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

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

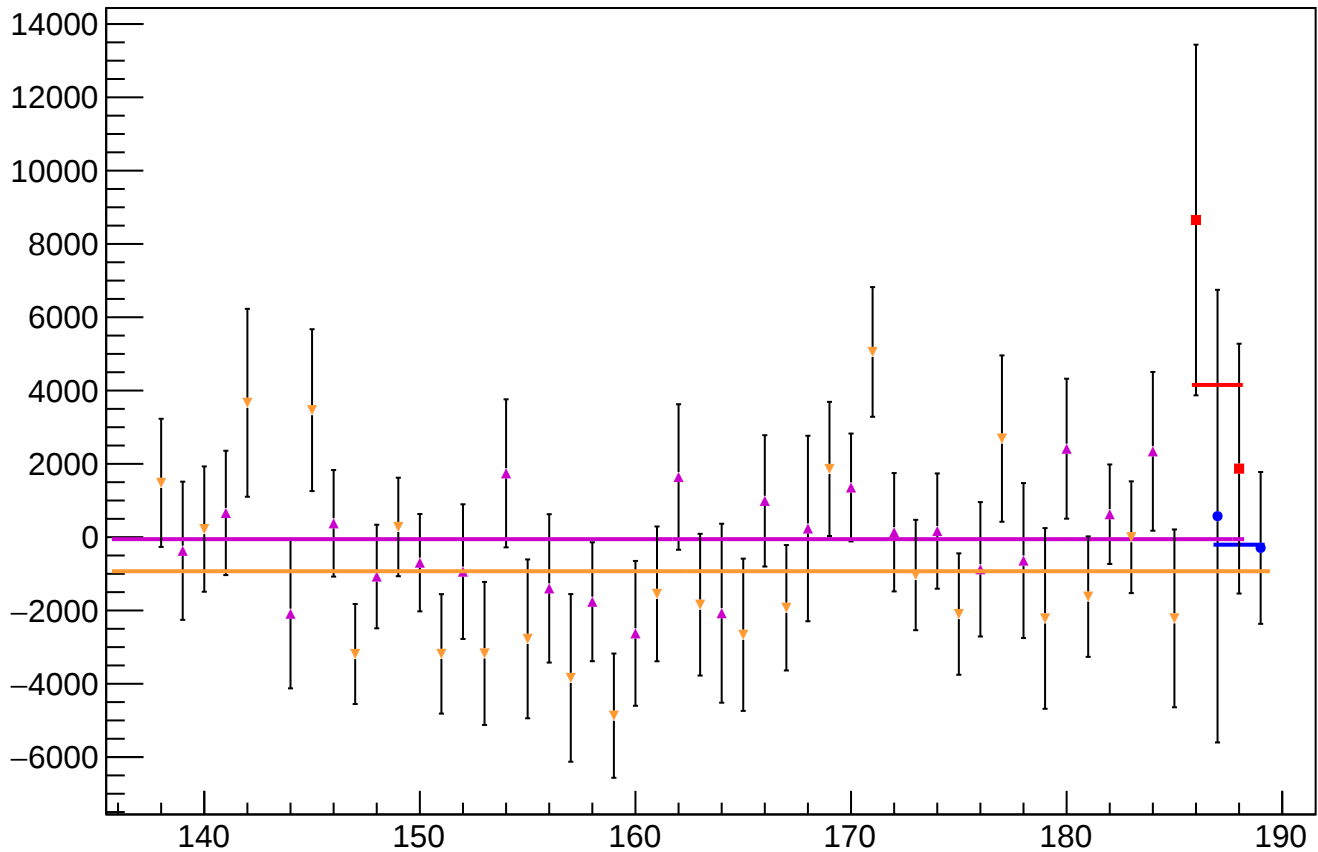
Left In: 1127.655+/-0.190 χ^2/NDF : 12177.6/22

+ sign 1128.881+/-0.160 χ^2/NDF : 142847.6/41

All: 1131.652+/-0.113 χ^2/NDF : 202554.1/84

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

asym_usl_correction_mean vs Slug



Right In: -205.425+/-1964.245 χ^2/NDF : 0.0/1

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

Right Out: 4153.311+/-2775.563 χ^2/NDF : 1.3/1

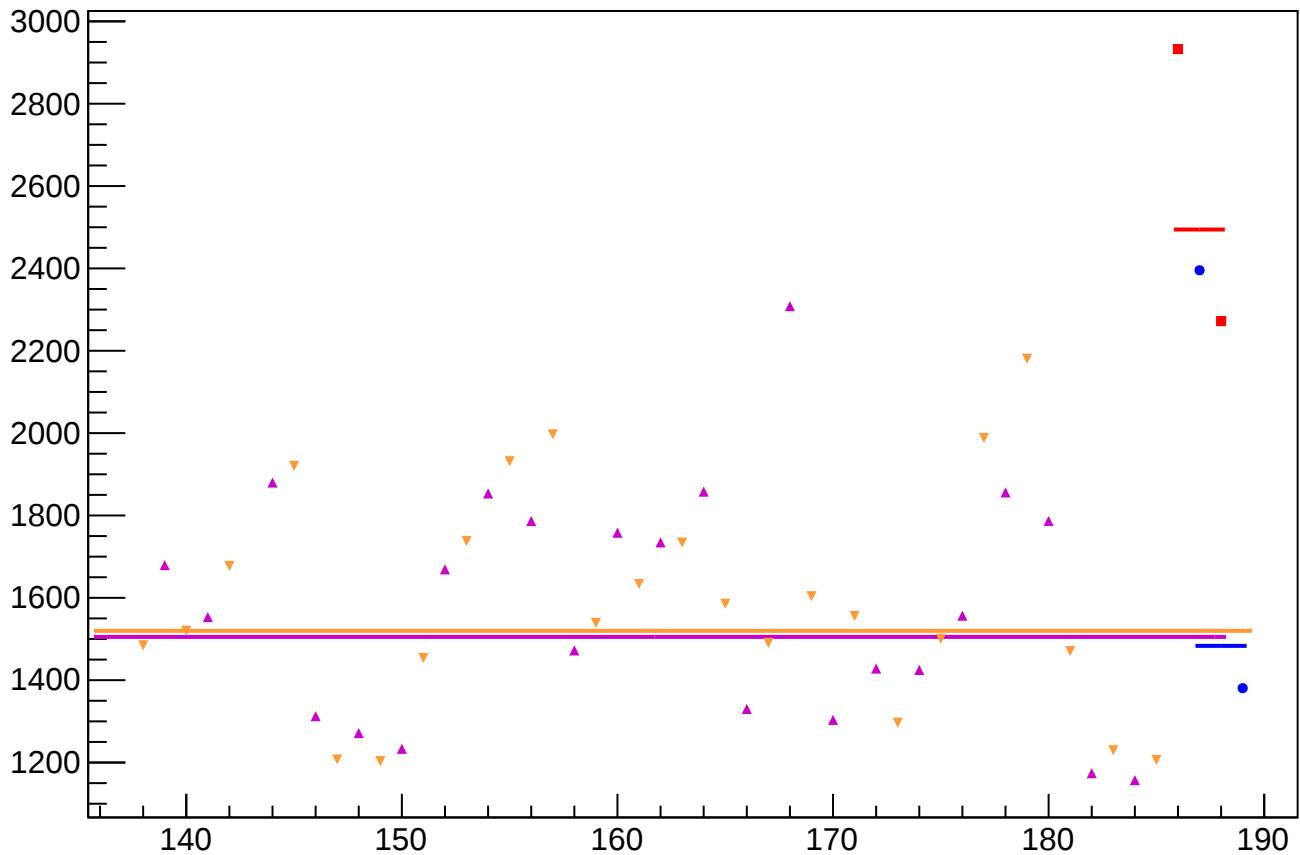
Left In: -54.483+/-364.557 χ^2/NDF : 12.5/22

+ sign -905.011+/-361.345 χ^2/NDF : 43.5/25

All: -444.203+/-255.548 χ^2/NDF : 62.8/50

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

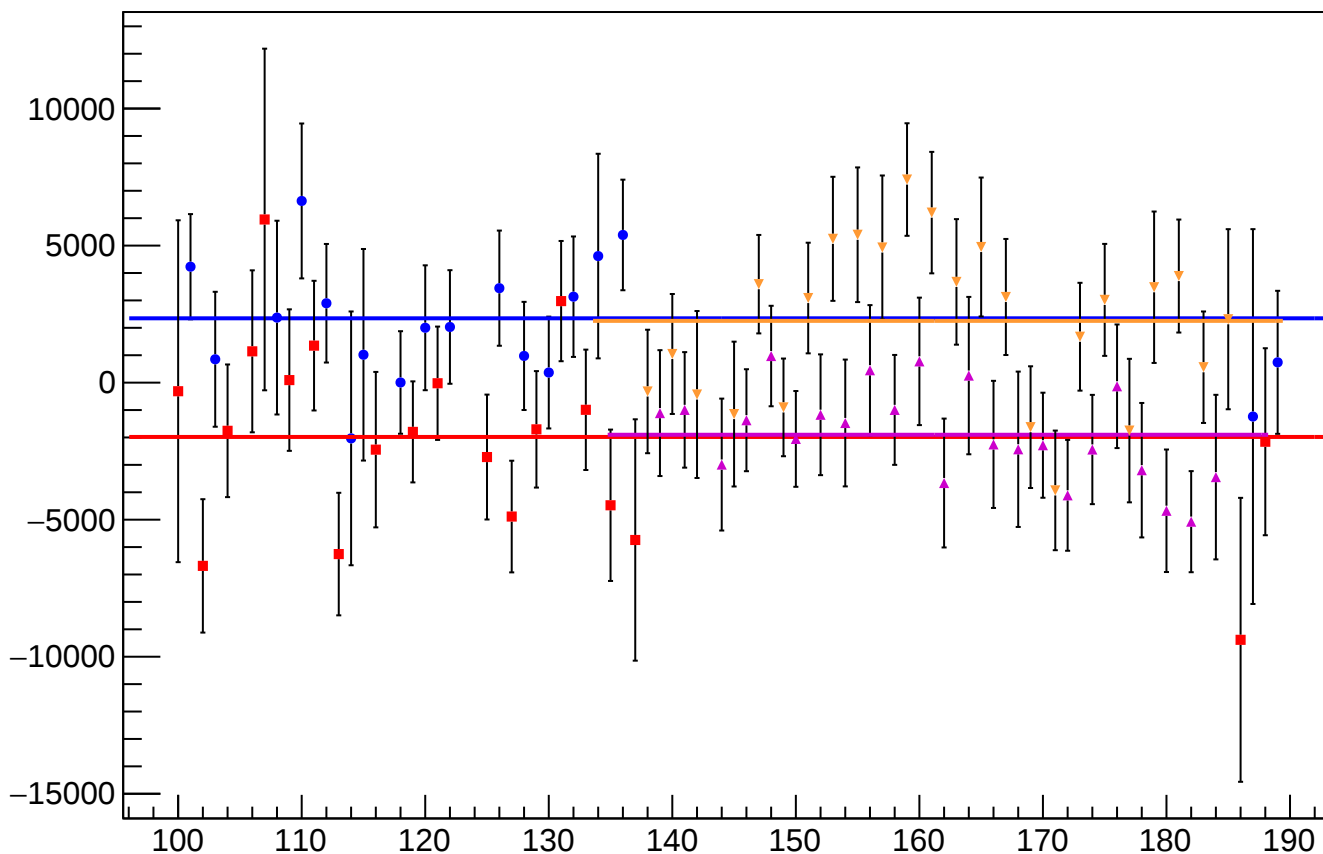
asym_usl_correction_rms vs Slug



Right In: 1483.348+/-1.389 χ^2/NDF : 48559.8/1
 Left Out: 1519.854+/-0.260 χ^2/NDF : 898683.7/23
 Right Out: 2494.474+/-1.963 χ^2/NDF : 25301.2/1
 Left In: 1505.076+/-0.258 χ^2/NDF : 1014825.7/22

+ sign 1518.619+/-0.256 χ^2/NDF : 947911.0/25
 All: 1520.236+/-0.181 χ^2/NDF : 2237946.4/50
 - sign 1521.855+/-0.256 χ^2/NDF : 1289955.2/24

asym_usl_mean vs Slug



Right In: 2346.971 $\pm$ 568.213 χ^2 /NDF: 11.4/17

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

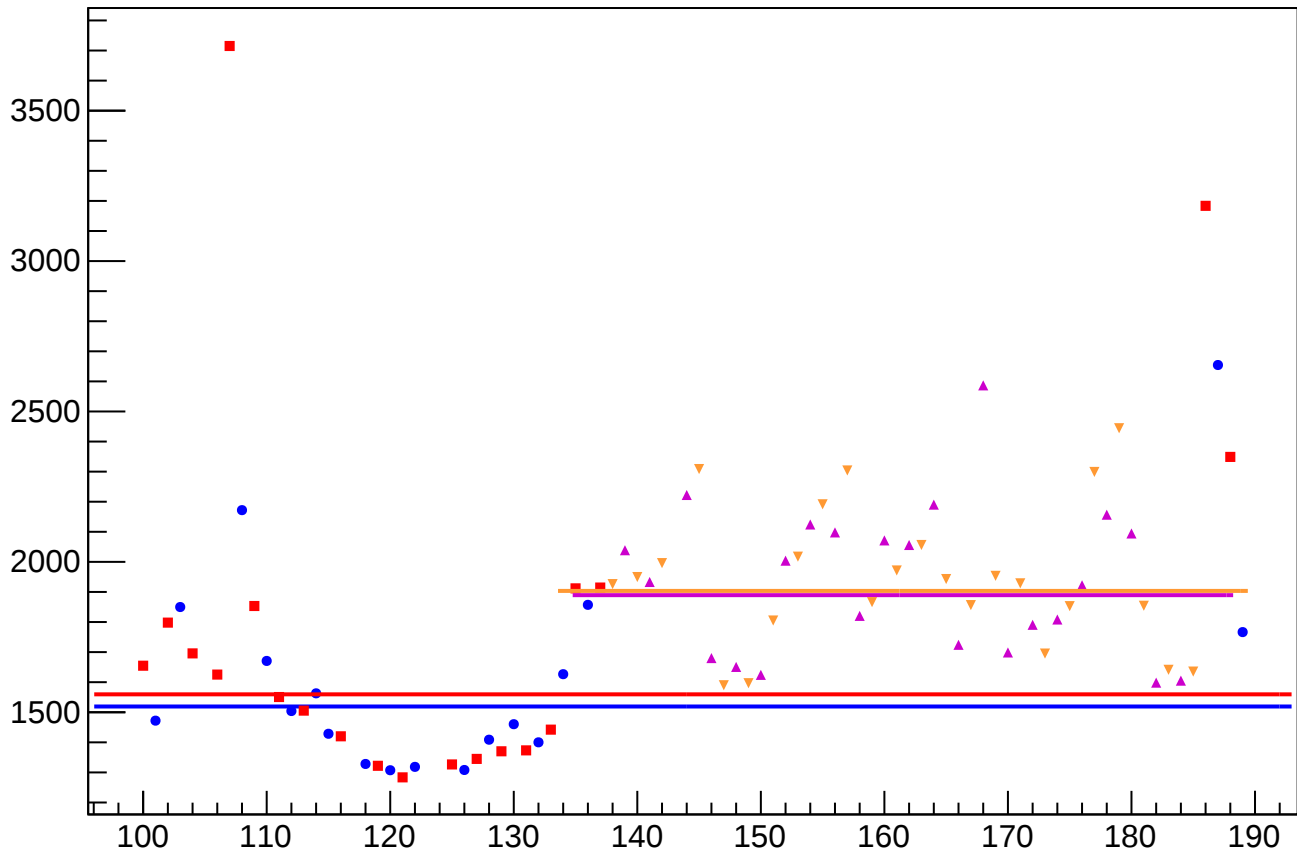
Left In: -1901.797 $\pm$ 453.879 χ^2 /NDF:13.9/22

+ sign 2290.445 $\pm$ 355.824 χ^2 /NDF: 50.1/41

All: 176.276 $\pm$ 251.451 χ^2 /NDF: 159.3/84

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

asym_usl_rms vs Slug



Right In: 1519.178+/-0.402 χ^2/NDF : 334418.8/17

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

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

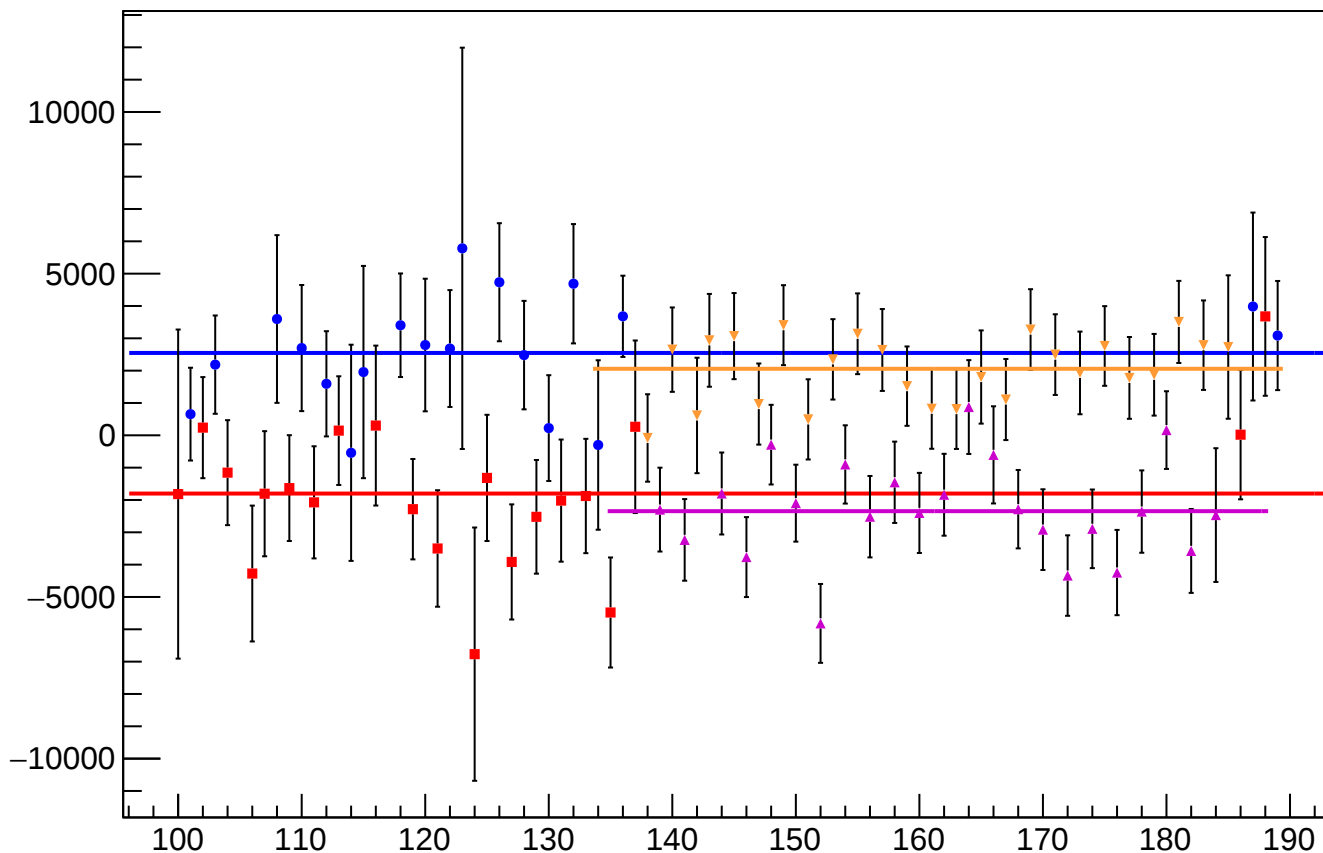
Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

+ sign 1752.763+/-0.252 χ^2/NDF : 1352349.1/41

All: 1757.263+/-0.178 χ^2/NDF : 3065436.1/84

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

dit_asym_usr_mean vs Slug



Right In: 2547.750+/-429.486 χ^2/NDF : 10.9/18

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

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

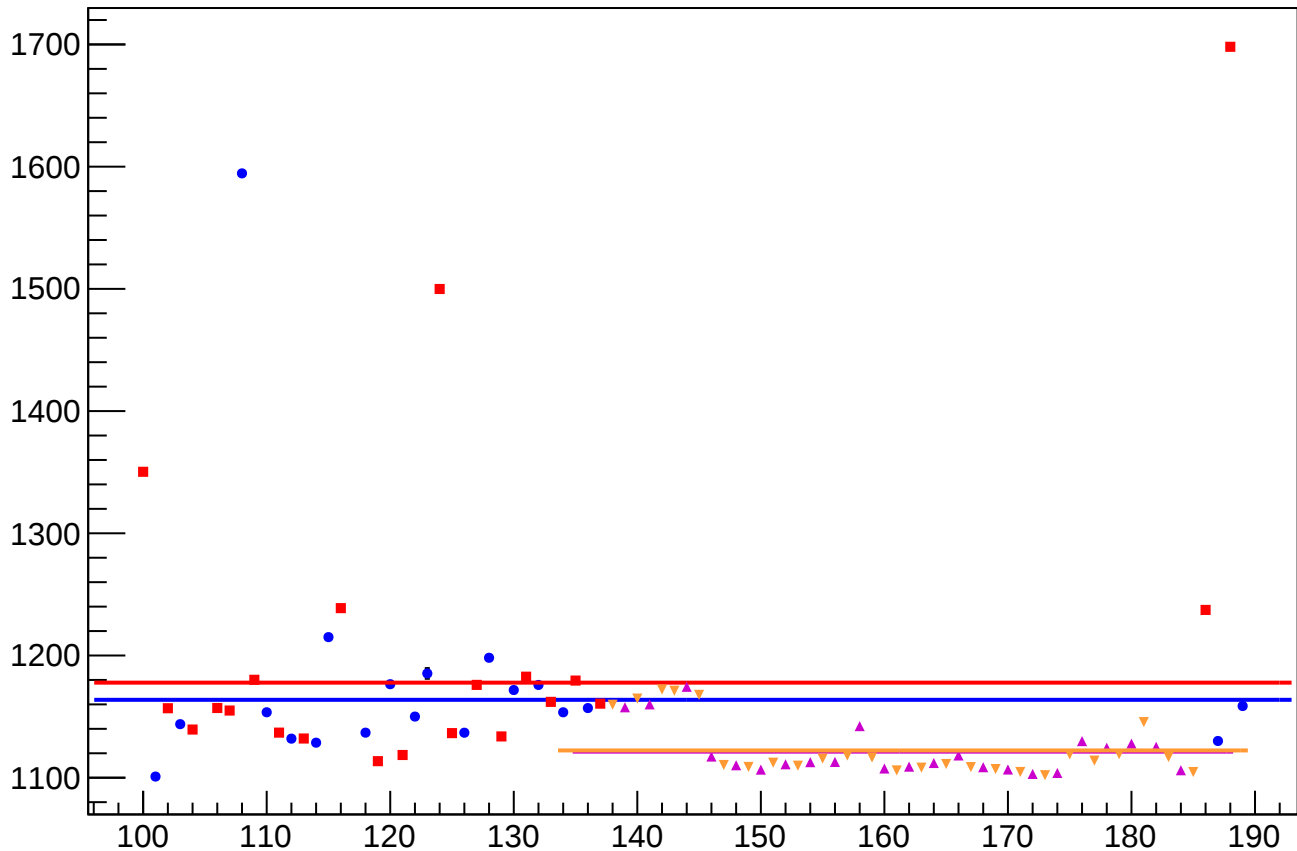
Left In: -2345.900+/-266.966 χ^2/NDF : 31.6/22

+ sign 2190.392+/-223.548 χ^2/NDF : 26.7/43

All: 14.689+/-158.556 χ^2/NDF : 270.8/87

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

dit_asym_usr_rms vs Slug



Right In: 1163.740 $\pm$ 0.304 χ^2 /NDF: 63436.4/18

Left Out: 1122.318 $\pm$ 0.185 χ^2 /NDF:13825.0/24

Right Out: 1177.792 $\pm$ 0.295 χ^2 /NDF: 121214.4/20

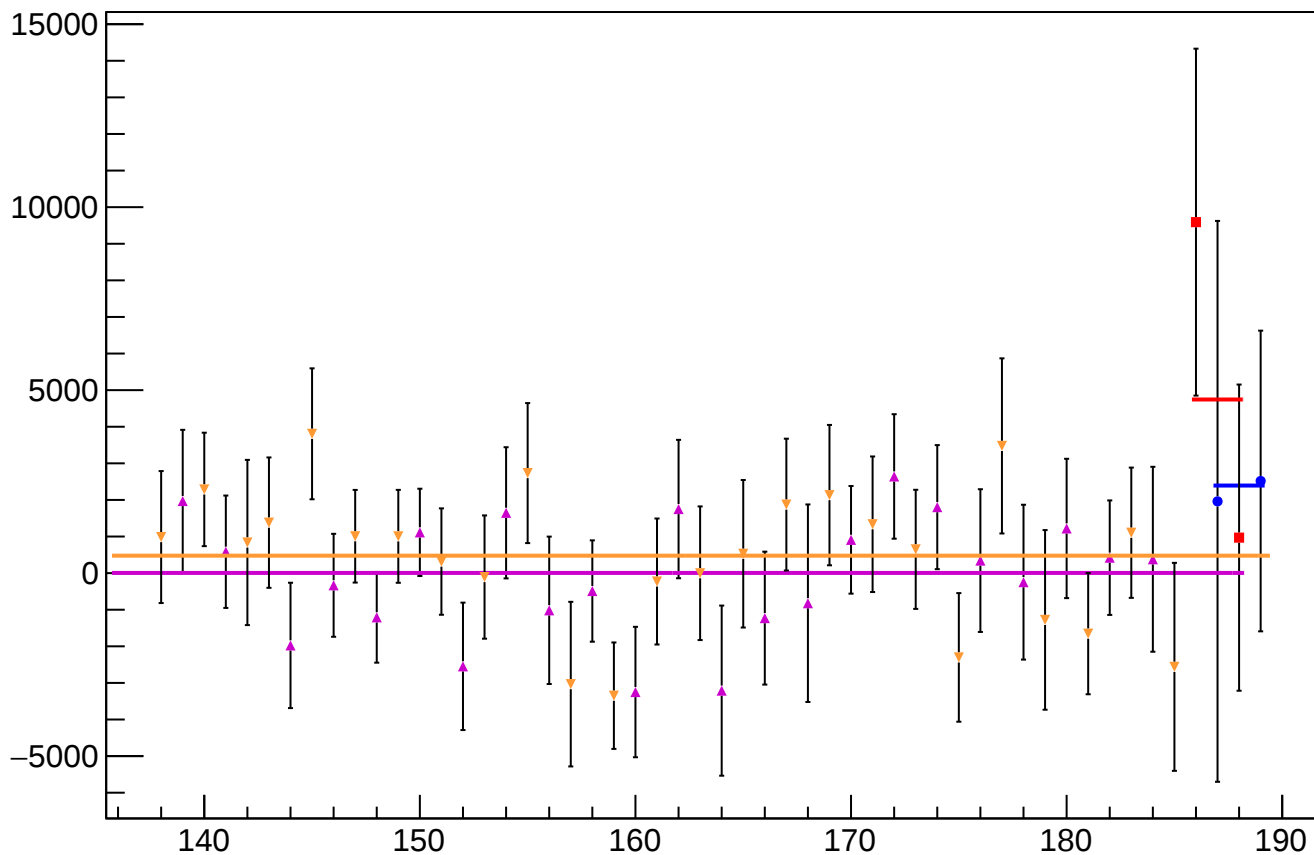
Left In: 1121.328 $\pm$ 0.189 χ^2 /NDF:10474.0/22

+ sign 1133.540 $\pm$ 0.158 χ^2 /NDF: 90825.0/43

All: 1135.613 $\pm$ 0.112 χ^2 /NDF: 248820.1/87

- sign 1137.712 $\pm$ 0.159 χ^2 /NDF: 157648.8/43

asym_usr_correction_mean vs Slug



Right In: 2393.173 $\pm$ 3620.672 χ^2 /NDF: 0.0/1

Left Out: 476.919 $\pm$ 349.994 χ^2 /NDF:25.7/24

Right Out: 4744.513 $\pm$ 3136.481 χ^2 /NDF: 1.9/1

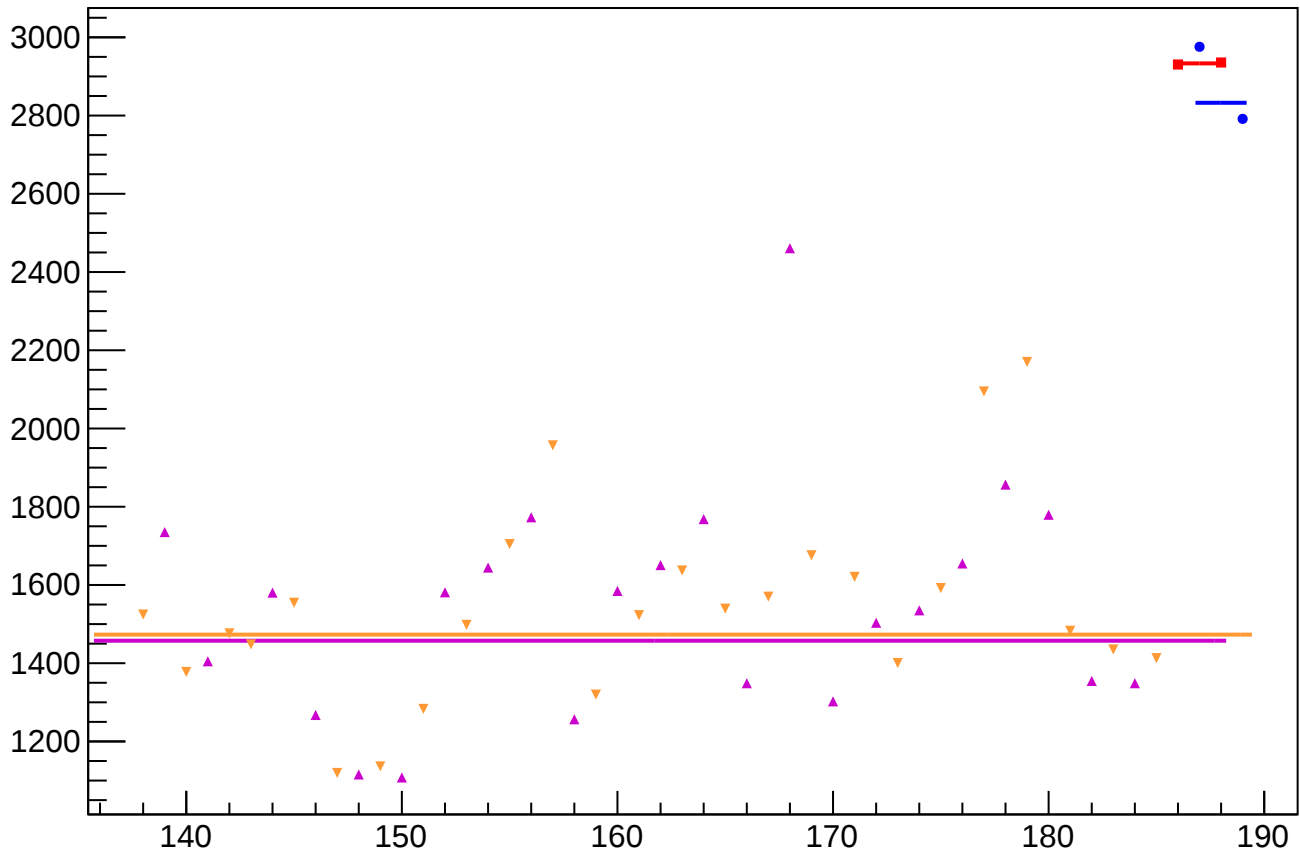
Left In: 5.369 $\pm$ 353.503 χ^2 /NDF:18.9/22

+ sign 494.659 $\pm$ 348.371 χ^2 /NDF: 26.0/26

All: 281.524 $\pm$ 247.357 χ^2 /NDF: 49.8/51

- sign 64.815 $\pm$ 351.279 χ^2 /NDF: 23.0/24

asym_usr_correction_rms vs Slug



Right In: 2832.684+/-2.560 χ^2/NDF : 898.1/1

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

Right Out: 2933.379+/-2.218 χ^2/NDF : 1.3/1

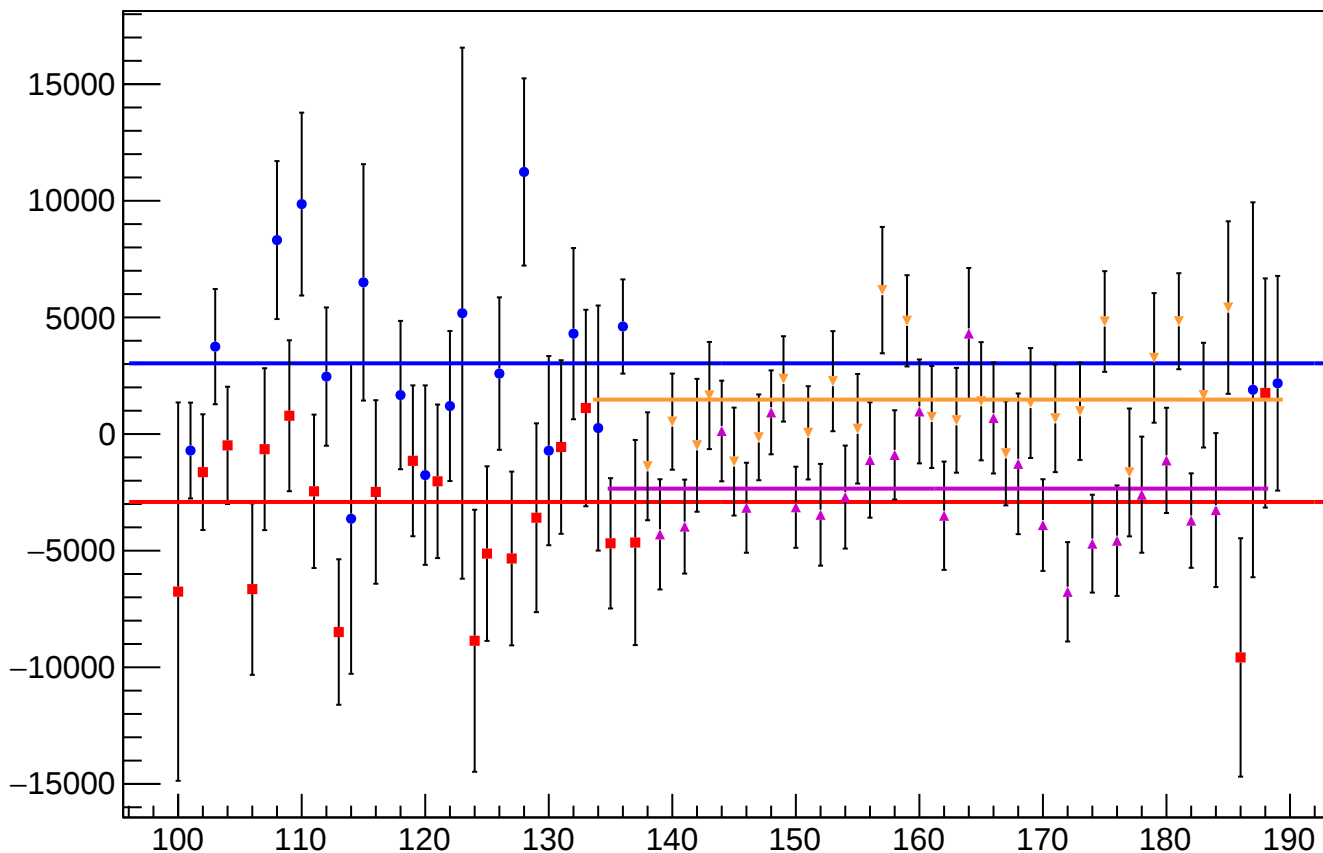
Left In: 1457.450+/-0.250 χ^2/NDF : 1076563.2/22

+ sign 1485.663+/-0.246 χ^2/NDF : 1141899.9/26

All: 1480.854+/-0.175 χ^2/NDF : 2656547.7/53

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

asym_usr_mean vs Slug



Right In: 3032.569 $\pm$ 782.284 χ^2 /NDF: 18.6/18

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

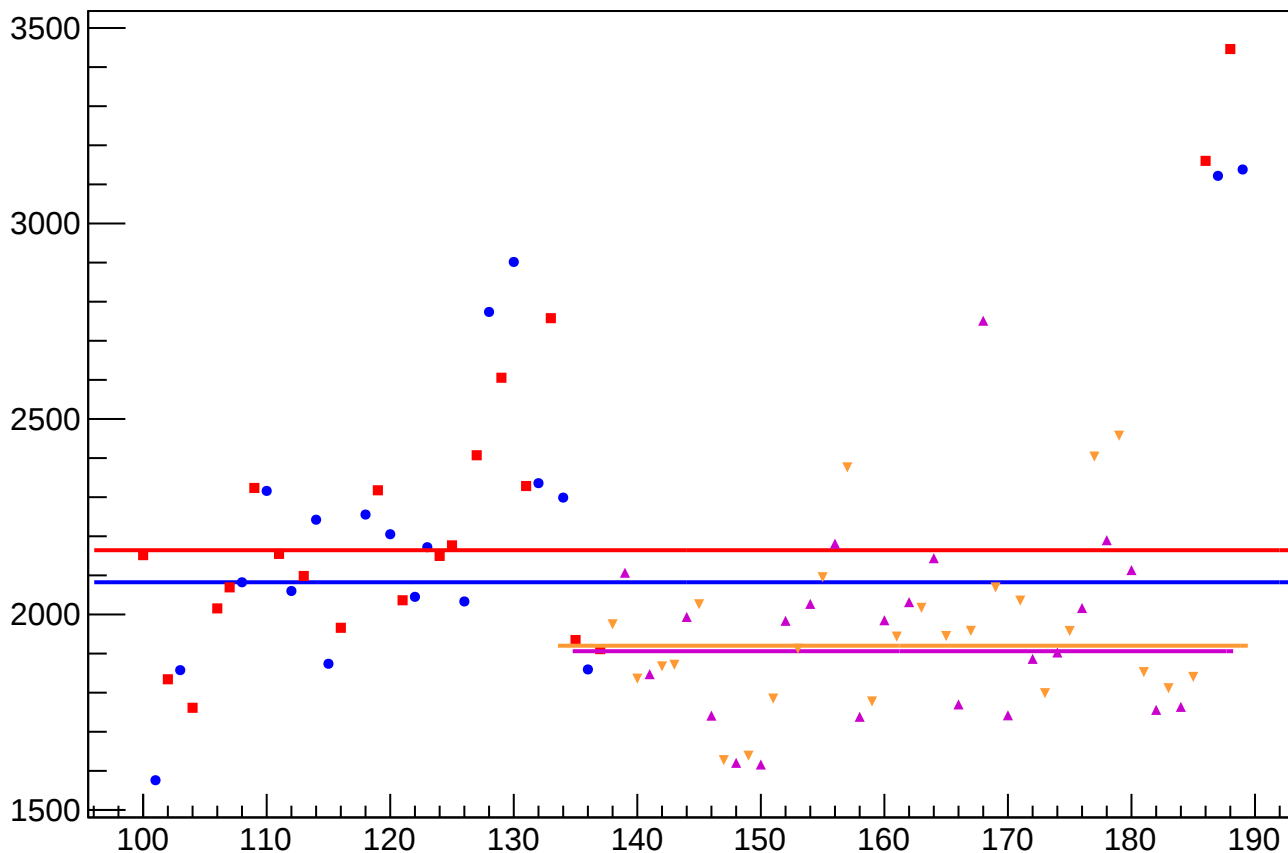
Left In: -2339.905 $\pm$ 457.448 χ^2 /NDF:25.2/22

+ sign 1864.485 $\pm$ 390.944 χ^2 /NDF: 42.5/43

All: -294.055 $\pm$ 277.540 χ^2 /NDF: 143.7/87

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

asym_usr_rms vs Slug



Right In: 2082.406 $\pm$ 0.553 χ^2 /NDF: 475609.4/18

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

Right Out: 2164.344 $\pm$ 0.549 χ^2 /NDF: 418069.8/20

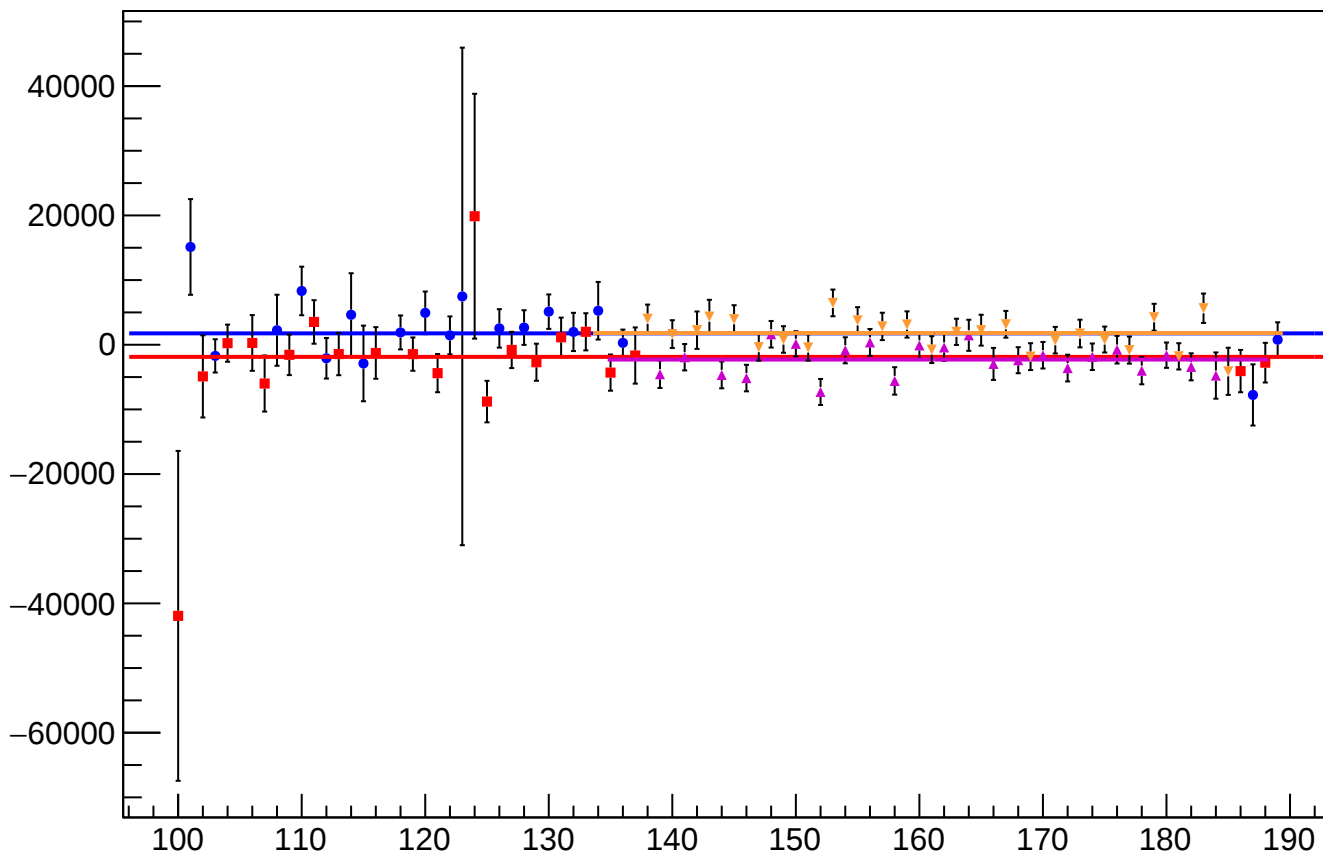
Left In: 1906.043 $\pm$ 0.323 χ^2 /NDF: 451054.7/22

+ sign 1960.622 $\pm$ 0.276 χ^2 /NDF: 906134.9/43

All: 1966.589 $\pm$ 0.196 χ^2 /NDF: 1940639.3/87

- sign 1972.652 $\pm$ 0.279 χ^2 /NDF: 1033565.1/43

dit_asym_at1_avg_mean vs Slug



Right In: 1759.767 $\pm$ 753.529 χ^2 /NDF: 18.5/18

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

Right Out: -1875.965 $\pm$ 740.525 χ^2 /NDF: 18.1/20

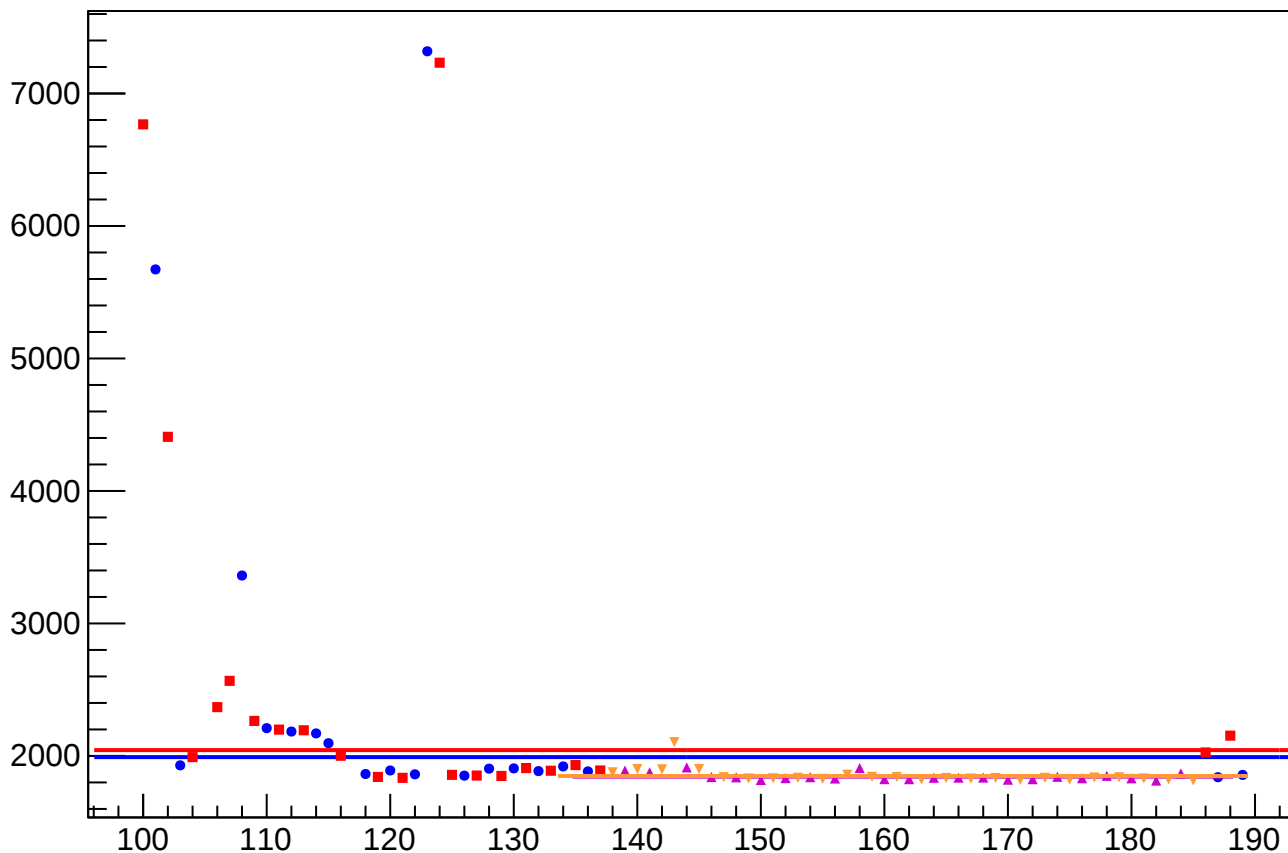
Left In: -2289.975 $\pm$ 440.620 χ^2 /NDF: 27.5/22

+ sign 1796.921 $\pm$ 375.260 χ^2 /NDF: 47.9/43

All: -174.460 $\pm$ 266.543 χ^2 /NDF: 149.4/87

- sign -2181.724 $\pm$ 378.660 χ^2 /NDF: 45.8/43

dit_asym_at1_avg_rms vs Slug



Right In: 1991.062 $\pm$ 0.533 χ^2 /NDF: 710177.3/18

Left Out: 1848.931 $\pm$ 0.306 χ^2 /NDF: 25543.1/24

Right Out: 2043.906 $\pm$ 0.524 χ^2 /NDF: 621673.3/20

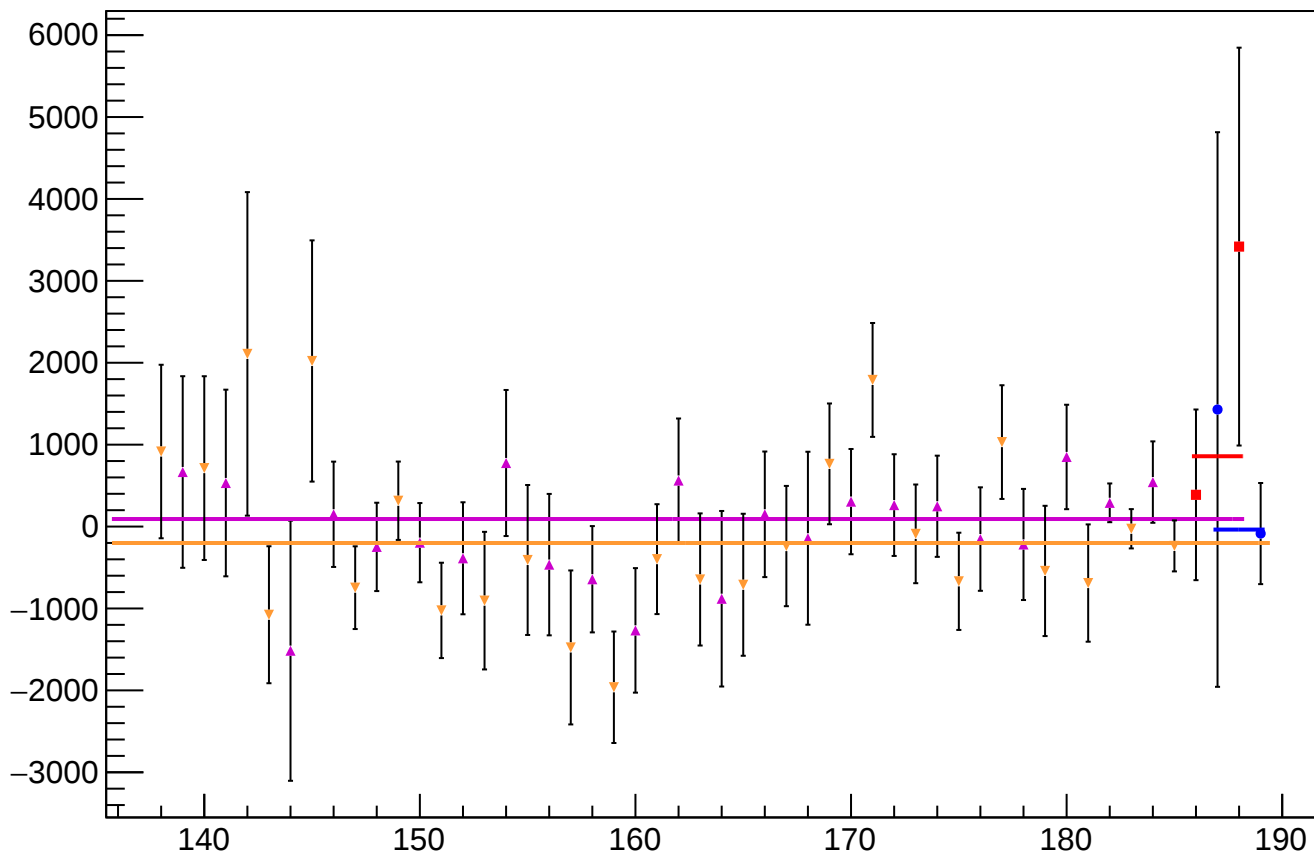
Left In: 1843.813 $\pm$ 0.312 χ^2 /NDF: 7555.7/22

+ sign 1884.180 $\pm$ 0.265 χ^2 /NDF: 789228.6/43

All: 1890.102 $\pm$ 0.188 χ^2 /NDF: 1527303.4/87

- sign 1896.131 $\pm$ 0.268 χ^2 /NDF: 737069.7/43

asym_at1_avg_correction_mean vs Slug



Right In: -36.747 ± 607.292 $\chi^2/\text{NDF}: 0.2/1$

Left Out: -200.614 ± 118.900 $\chi^2/\text{NDF}: 35.8/24$

Right Out: 858.471 ± 957.479 $\chi^2/\text{NDF}: 1.3/1$

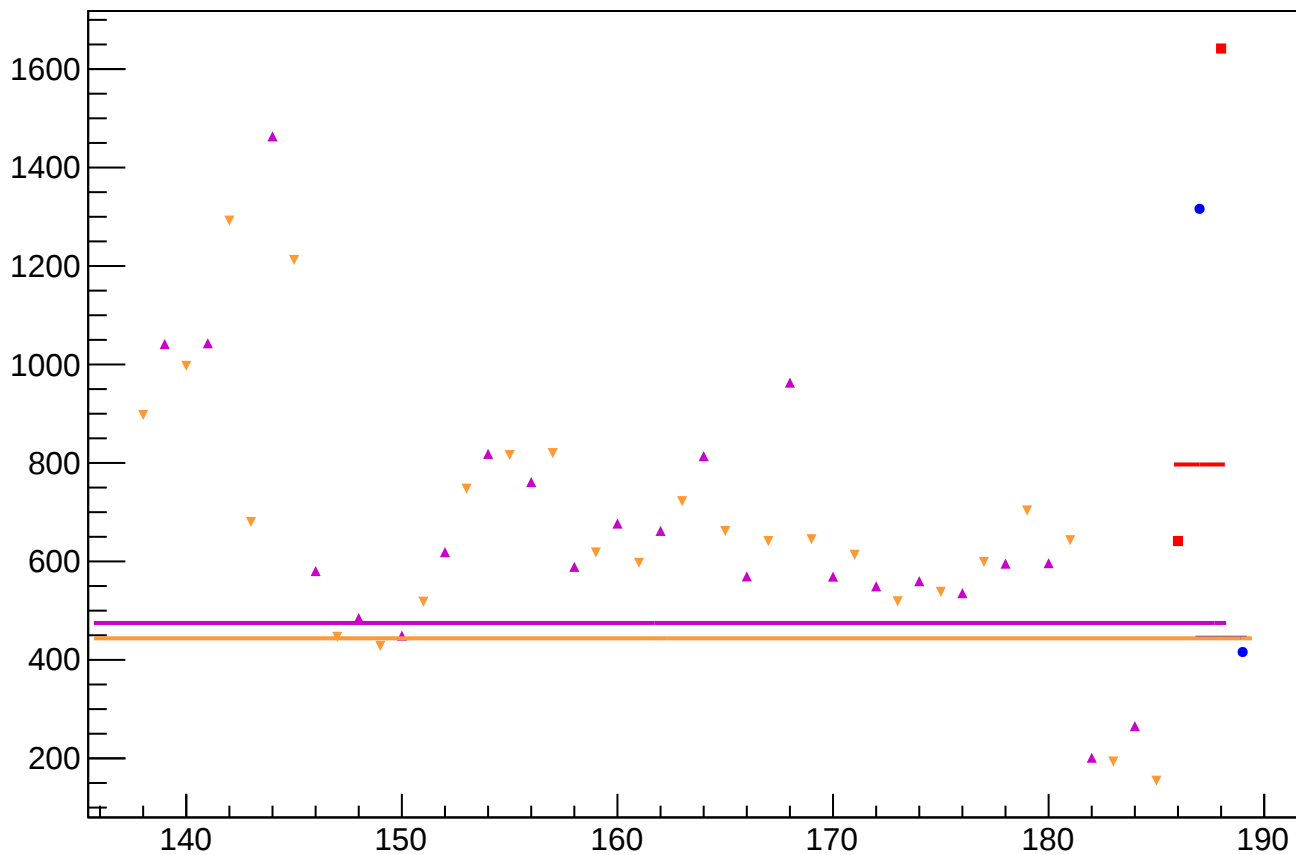
Left In: 92.163 ± 126.200 $\chi^2/\text{NDF}: 13.0/22$

+ sign -194.565 ± 116.684 $\chi^2/\text{NDF}: 36.1/26$

All: -55.102 ± 85.334 $\chi^2/\text{NDF}: 54.0/51$

- sign 105.248 ± 125.118 $\chi^2/\text{NDF}: 14.9/24$

asym_at1_avg_correction_rms vs Slug



Right In: 444.918+/-0.429 χ^2/NDF : 136827.9/1

Left Out: 443.830+/-0.084 χ^2/NDF : 8341702.1/24

Right Out: 796.904+/-0.677 χ^2/NDF : 286544.4/1

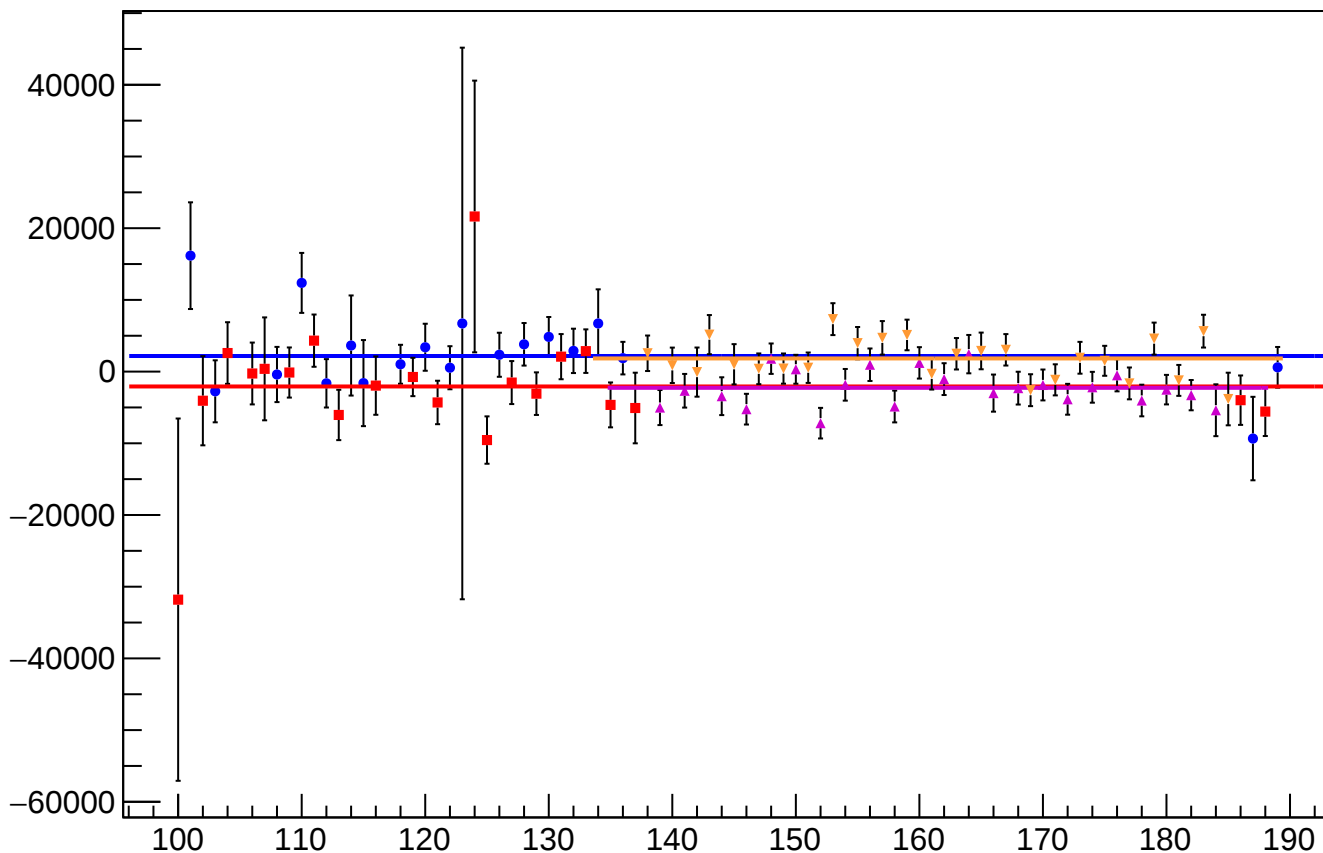
Left In: 475.007+/-0.089 χ^2/NDF : 6686201.7/22

+ sign 443.870+/-0.083 χ^2/NDF : 8478536.2/26

All: 460.911+/-0.060 χ^2/NDF : 15765173.8/53

- sign 480.504+/-0.088 χ^2/NDF : 7194935.9/24

asym_at1_avg_mean vs Slug



Right In: 2174.271 $\pm$ 811.609 χ^2 /NDF: 20.0/18

Left Out: 1834.720 $\pm$ 463.777 χ^2 /NDF:32.8/24

Right Out: -2074.158 $\pm$ 804.781 χ^2 /NDF: 22.0/20

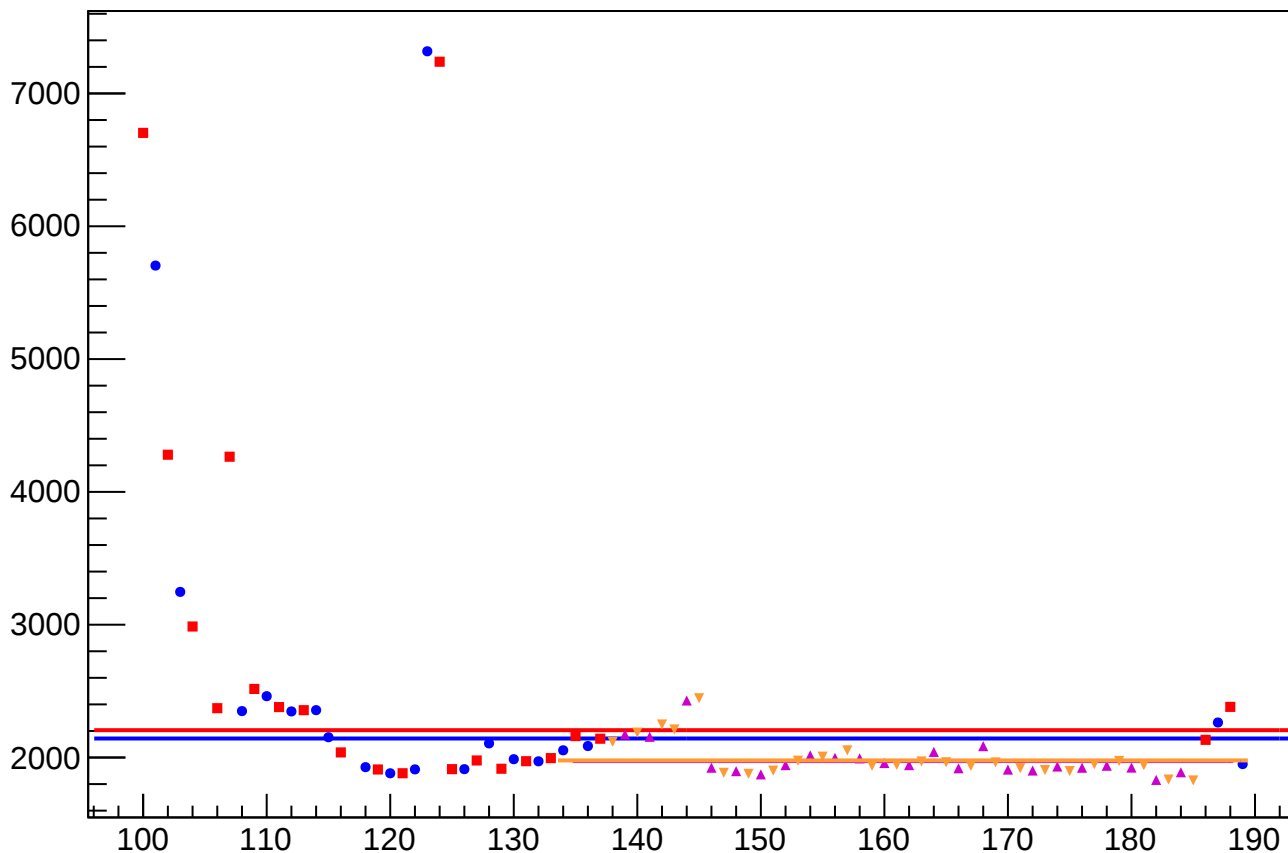
Left In: -2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

+ sign 1918.302 $\pm$ 402.671 χ^2 /NDF: 52.9/43

All: -123.249 $\pm$ 286.371 χ^2 /NDF: 153.3/87

- sign -2212.520 $\pm$ 407.350 χ^2 /NDF: 48.4/43

asym_at1_avg_rms vs Slug



Right In: 2143.232 $\pm$ 0.574 χ^2 /NDF: 724527.7/18

Left Out: 1978.045 $\pm$ 0.328 χ^2 /NDF: 137699.3/24

Right Out: 2205.866 $\pm$ 0.569 χ^2 /NDF: 809328.1/20

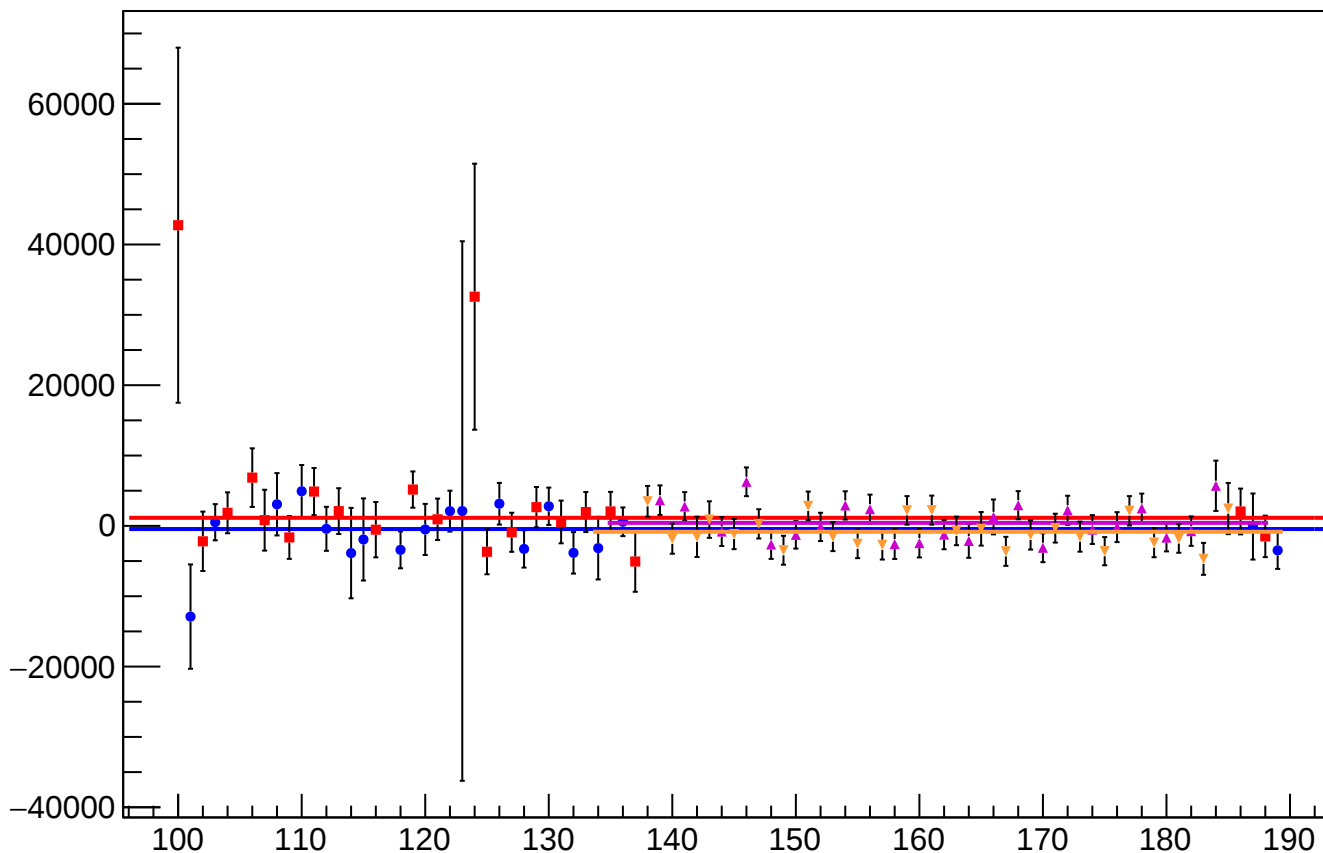
Left In: 1973.216 $\pm$ 0.334 χ^2 /NDF: 120479.3/22

+ sign 2018.706 $\pm$ 0.285 χ^2 /NDF: 924682.7/43

All: 2025.682 $\pm$ 0.202 χ^2 /NDF: 1980023.3/87

- sign 2032.822 $\pm$ 0.288 χ^2 /NDF: 1054125.9/43

dit_asym_at1_dd_mean vs Slug



Right In: -447.558 ± 749.170 χ^2/NDF : 15.4/18

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

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

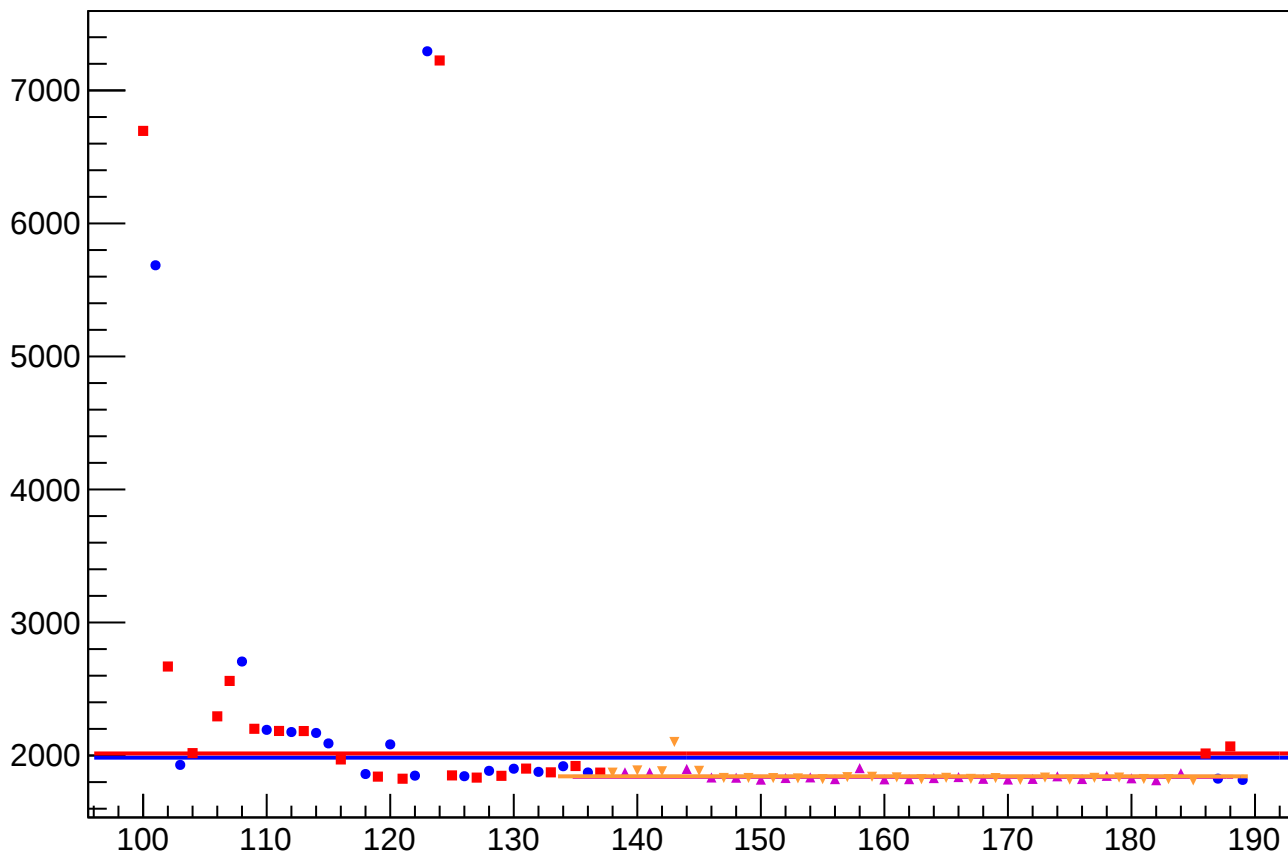
Left In: 428.835 ± 439.548 χ^2/NDF : 33.8/22

+ sign -741.472 ± 373.864 χ^2/NDF : 42.0/43

All: -64.845 ± 265.223 χ^2/NDF : 102.2/87

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

dit_asym_at1_dd_rms vs Slug



Right In: 1983.946 $\pm$ 0.530 χ^2 /NDF: 645671.1/18

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

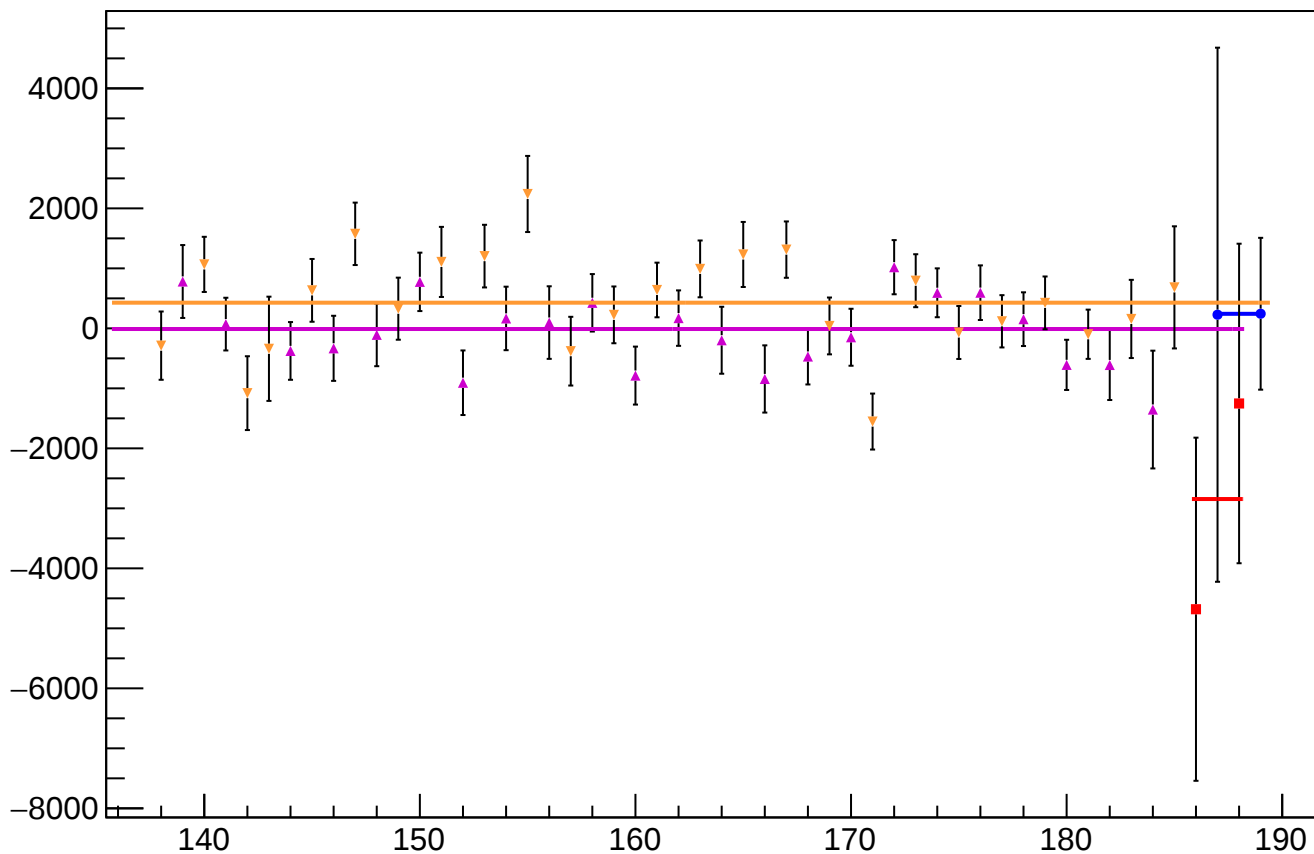
Left In: 1839.374 $\pm$ 0.311 χ^2 /NDF: 6441.8/22

+ sign 1878.389 $\pm$ 0.264 χ^2 /NDF: 723043.3/43

All: 1882.357 $\pm$ 0.188 χ^2 /NDF: 1194225.4/87

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

asym_at1_dd_correction_mean vs Slug



Right In: 242.403 $\pm$ 1217.112 χ^2 /NDF: 0.0/1

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

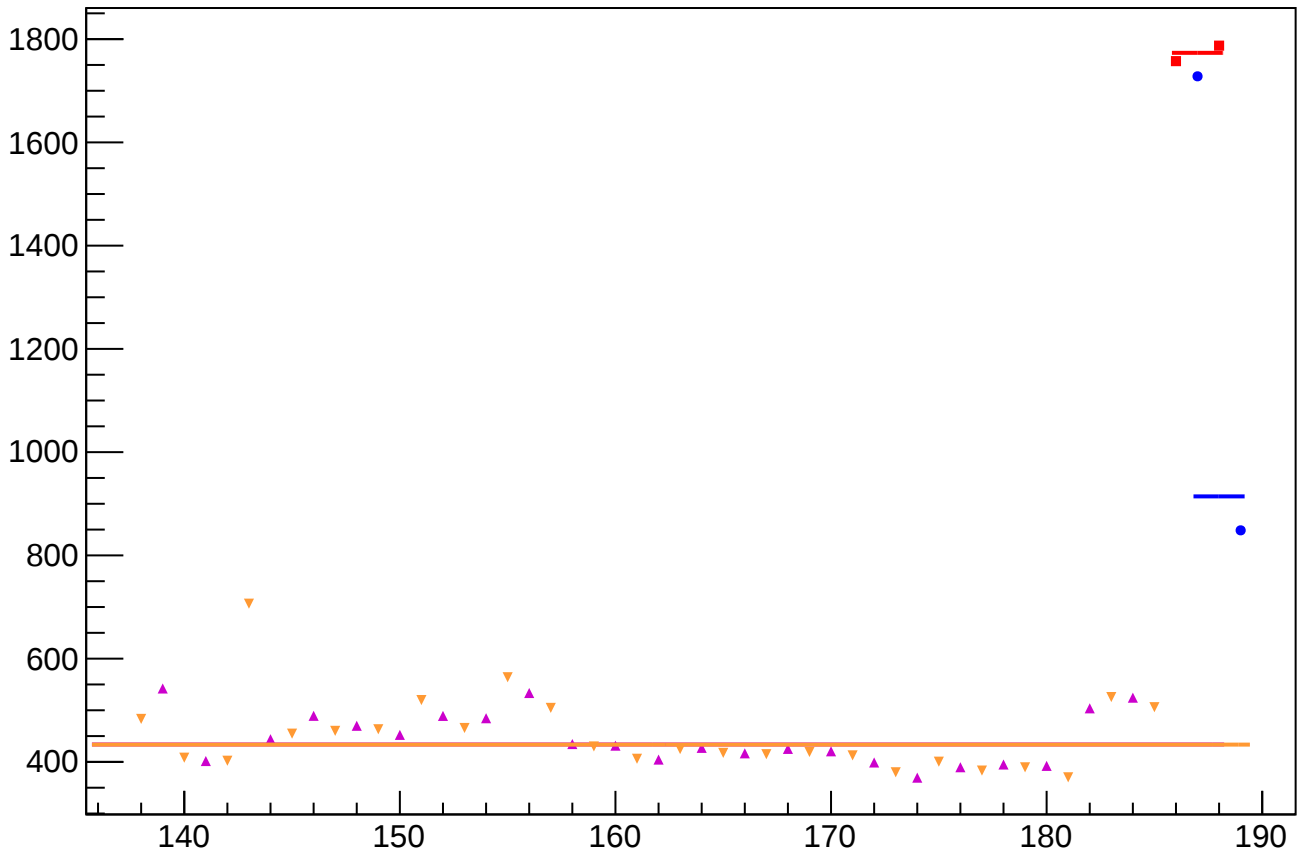
Left In: -10.733 $\pm$ 104.001 χ^2 /NDF: 29.4/22

+ sign 426.739 $\pm$ 101.861 χ^2 /NDF: 59.7/26

All: 208.295 $\pm$ 72.721 χ^2 /NDF: 101.4/51

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

asym_at1_dd_correction_rms vs Slug



Right In: 914.293 $\pm$ 0.861 χ^2 /NDF: 72235.9/1

Left Out: 433.495 $\pm$ 0.072 χ^2 /NDF: 609803.4/24

Right Out: 1773.461 $\pm$ 1.378 χ^2 /NDF: 117.9/1

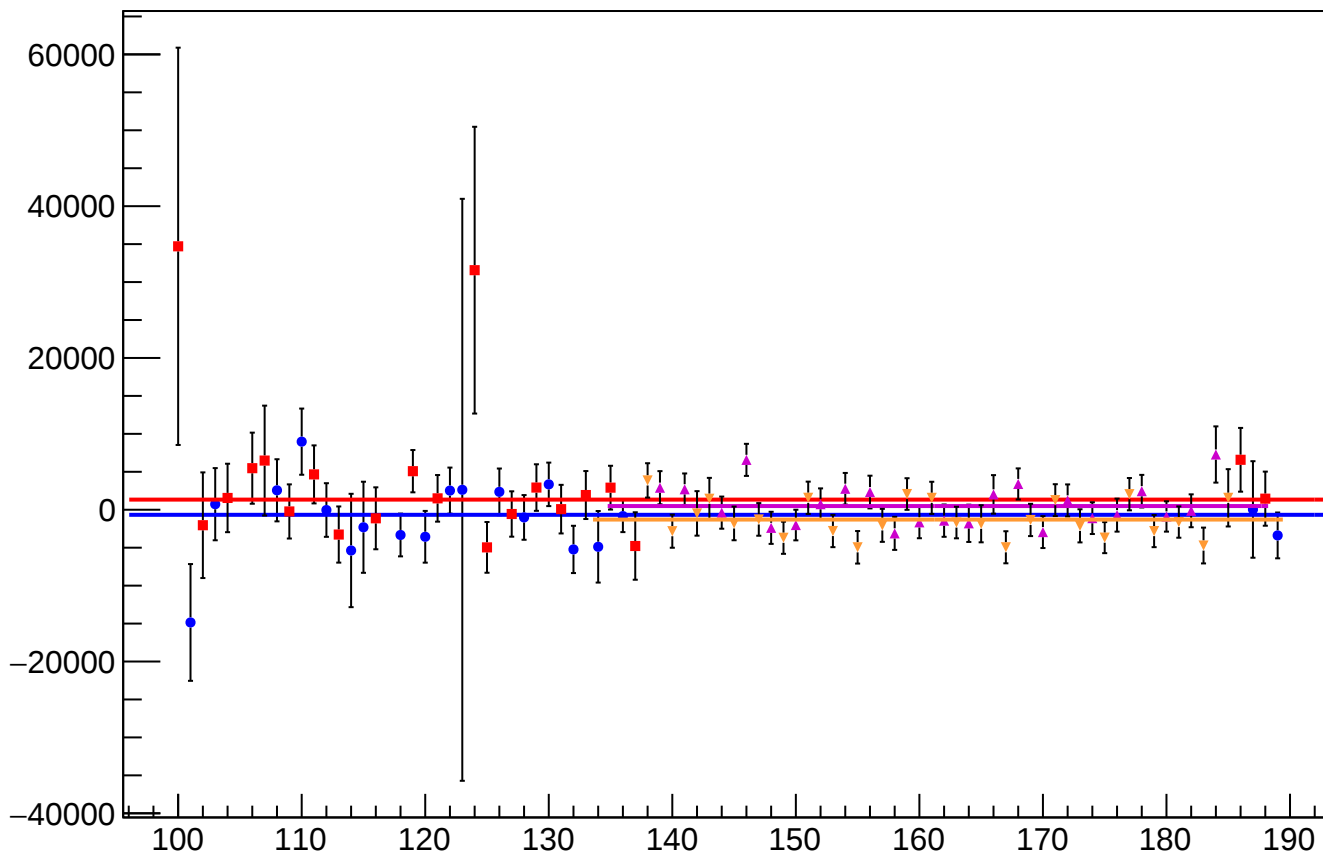
Left In: 433.740 $\pm$ 0.074 χ^2 /NDF: 376130.7/22

+ sign 436.862 $\pm$ 0.072 χ^2 /NDF: 991953.6/26

All: 437.197 $\pm$ 0.051 χ^2 /NDF: 2310717.9/51

- sign 437.545 $\pm$ 0.073 χ^2 /NDF: 1318720.2/24

asym_at1_dd_mean vs Slug



Right In: -668.432 ± 824.631 χ^2/NDF : 18.9/18

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

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

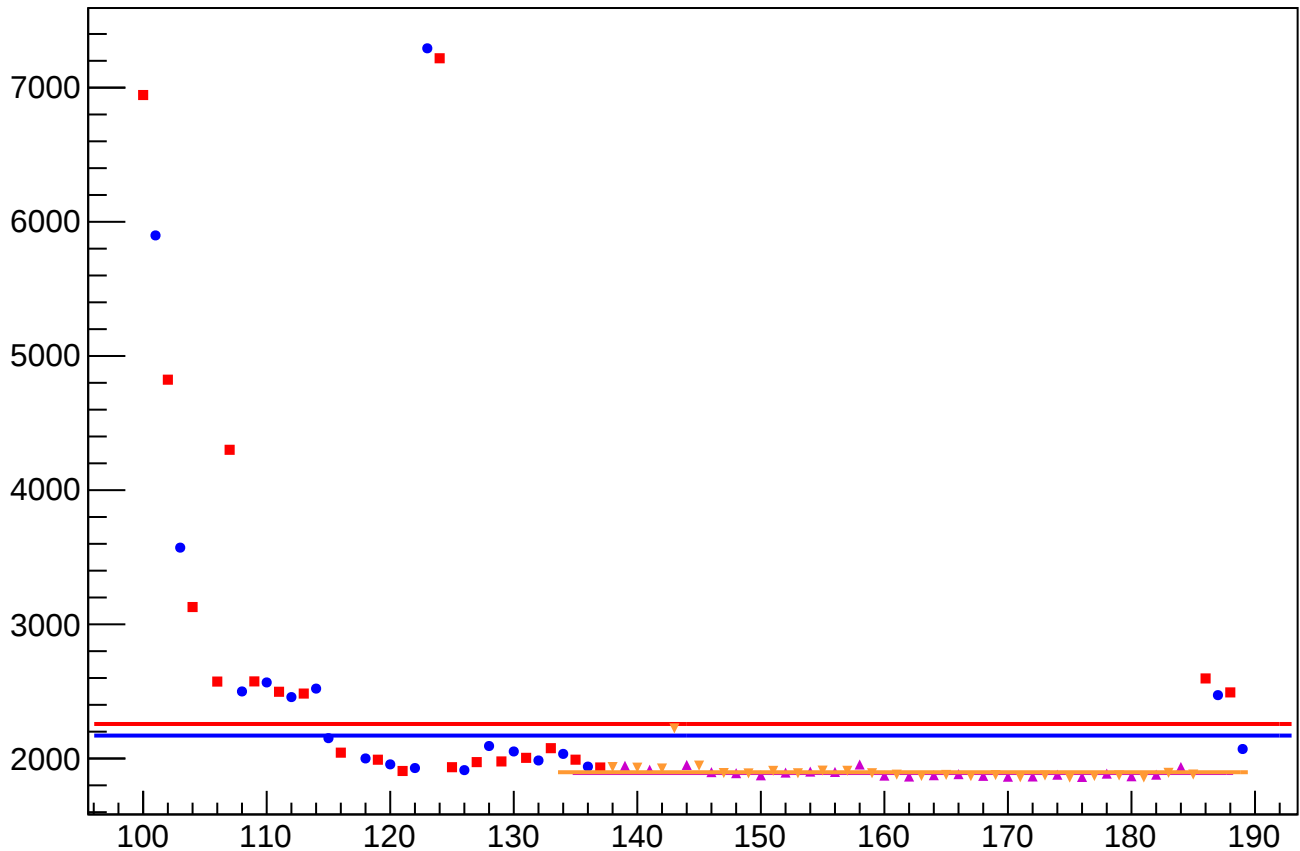
Left In: 485.827 ± 452.020 χ^2/NDF : 32.4/22

+ sign -1153.450 ± 391.039 χ^2/NDF : 49.0/43

All: -248.779 ± 278.432 χ^2/NDF : 111.6/87

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

asym_at1_dd_rms vs Slug



Right In: 2170.880+/-0.583 χ^2/NDF : 812069.3/18

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

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

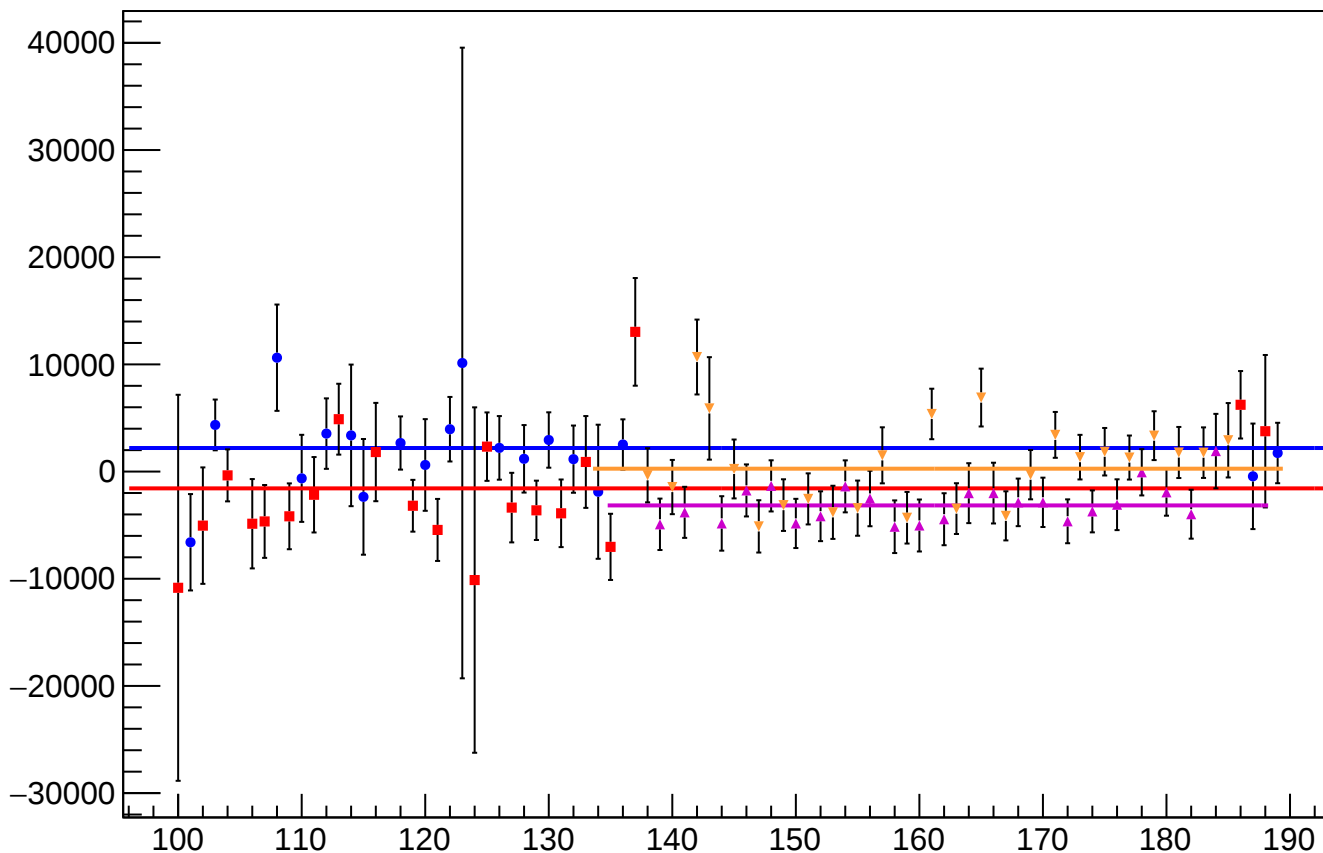
Left In: 1891.722+/-0.320 χ^2/NDF : 7584.2/22

+ sign 1959.105+/-0.277 χ^2/NDF : 1017328.5/43

All: 1967.409+/-0.197 χ^2/NDF : 2247913.4/87

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

dit_asym_at2_avg_mean vs Slug



Right In: 2197.781 $\pm$ 779.135 χ^2 /NDF: 10.6/18

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

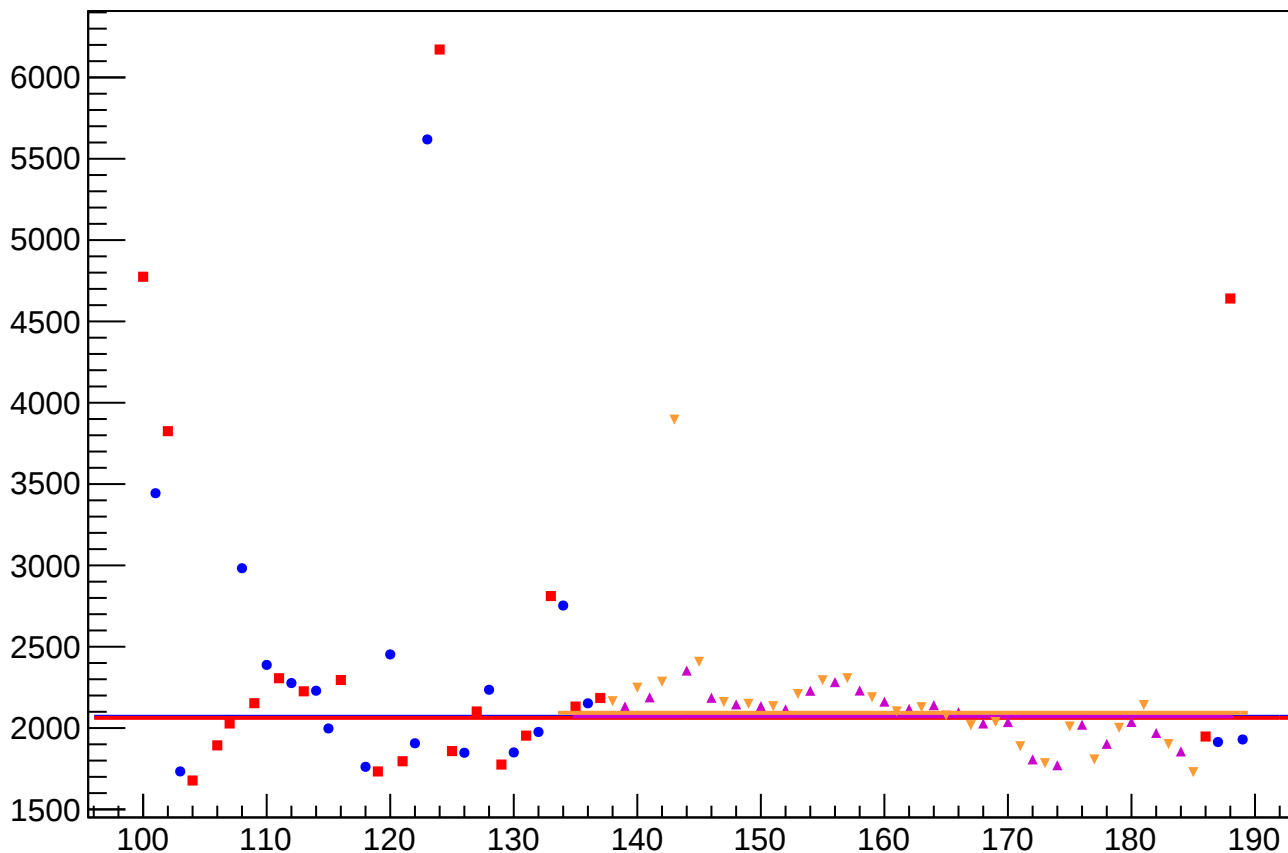
Left In: -3158.539 $\pm$ 495.573 χ^2 /NDF: 10.4/22

+ sign 819.752 $\pm$ 416.517 χ^2 /NDF: 66.0/43

All: -937.170 $\pm$ 294.231 χ^2 /NDF: 146.5/87

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

dit_asym_at2_avg_rms vs Slug



Right In: 2069.289 $\pm$ 0.551 χ^2 /NDF: 464723.1/18

Left Out: 2093.807 $\pm$ 0.349 χ^2 /NDF: 509405.6/24

Right Out: 2062.742 $\pm$ 0.540 χ^2 /NDF: 876621.4/20

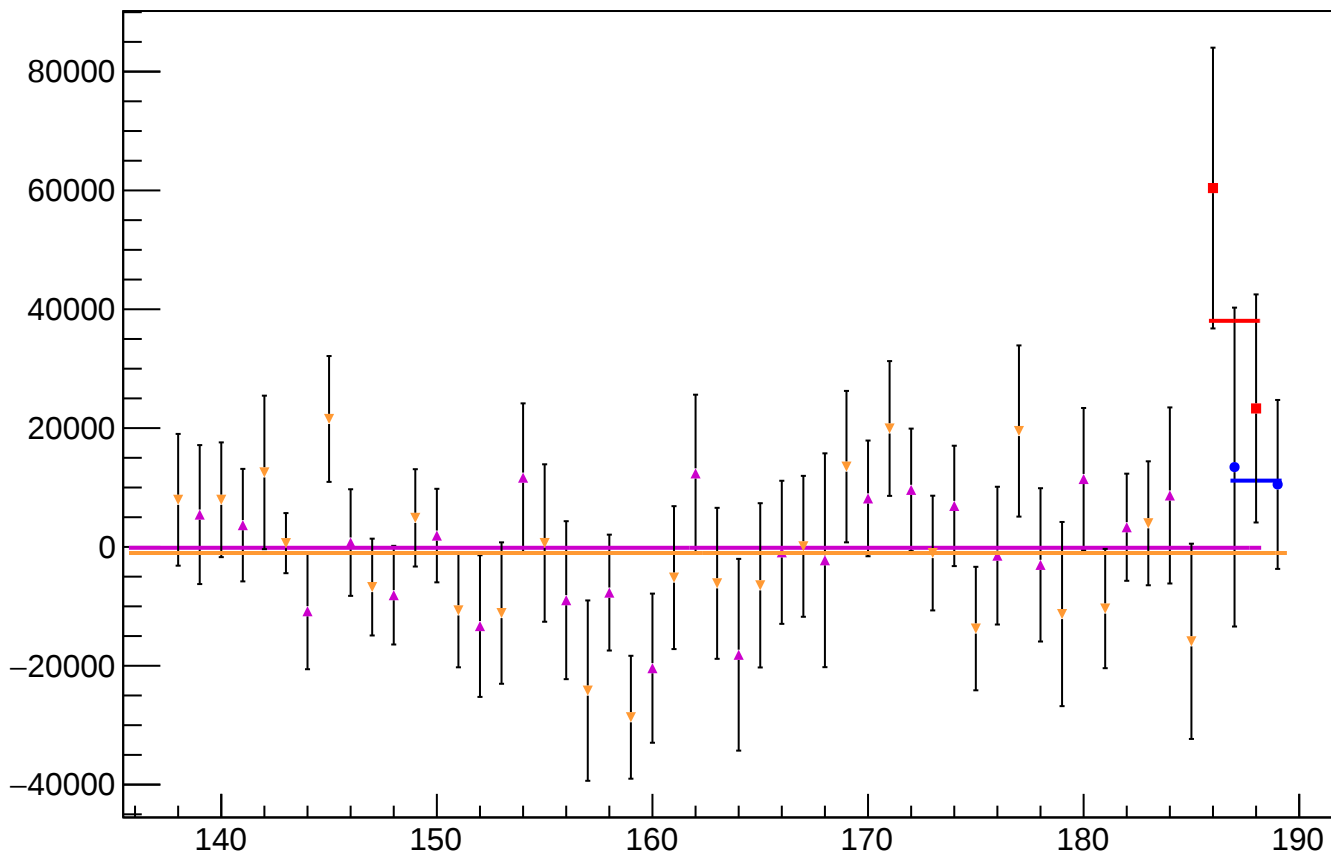
Left In: 2071.878 $\pm$ 0.350 χ^2 /NDF: 181281.6/22

+ sign 2086.800 $\pm$ 0.295 χ^2 /NDF: 975543.2/43

All: 2077.967 $\pm$ 0.208 χ^2 /NDF: 2035443.1/87

- sign 2069.170 $\pm$ 0.294 χ^2 /NDF: 1058104.6/43

asym_at2_avg_correction_mean vs Slug



Right In: 11159.082 $\pm$ 12562.598 χ^2 /NDF: 0.0/1

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

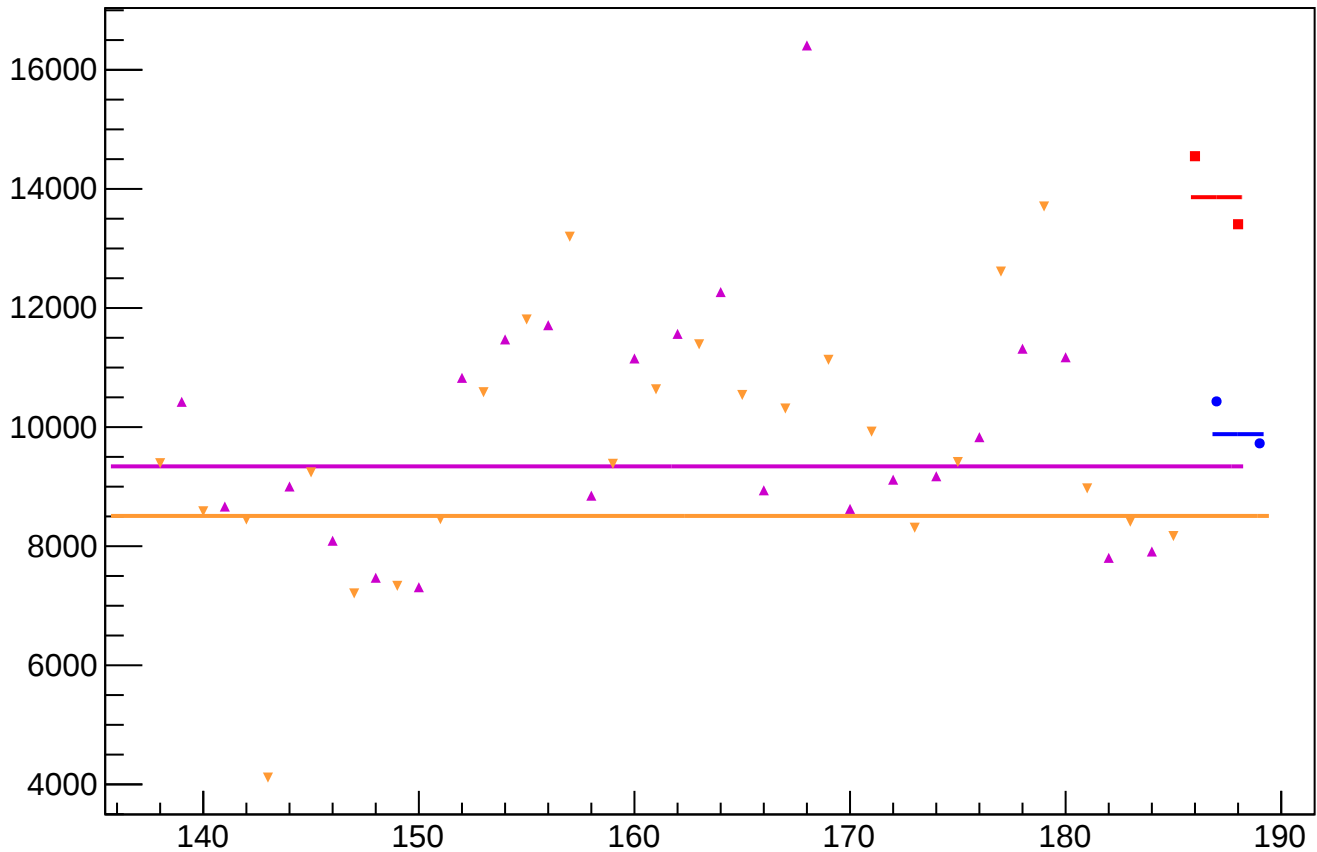
Left In: -143.328 $\pm$ 2267.278 χ^2 /NDF:14.1/22

+ sign -696.101 $\pm$ 2051.240 χ^2 /NDF: 31.5/26

All: -50.033 $\pm$ 1513.236 χ^2 /NDF: 53.7/51

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

asym_at2_avg_correction_rms vs Slug



Right In: 9881.637 ± 8.883 $\chi^2/\text{NDF}: 1076.3/1$

Left Out: 8508.371 ± 1.470 $\chi^2/\text{NDF}: 2793100.6/24$

Right Out: 13861.389 ± 10.534 $\chi^2/\text{NDF}: 2817.5/1$

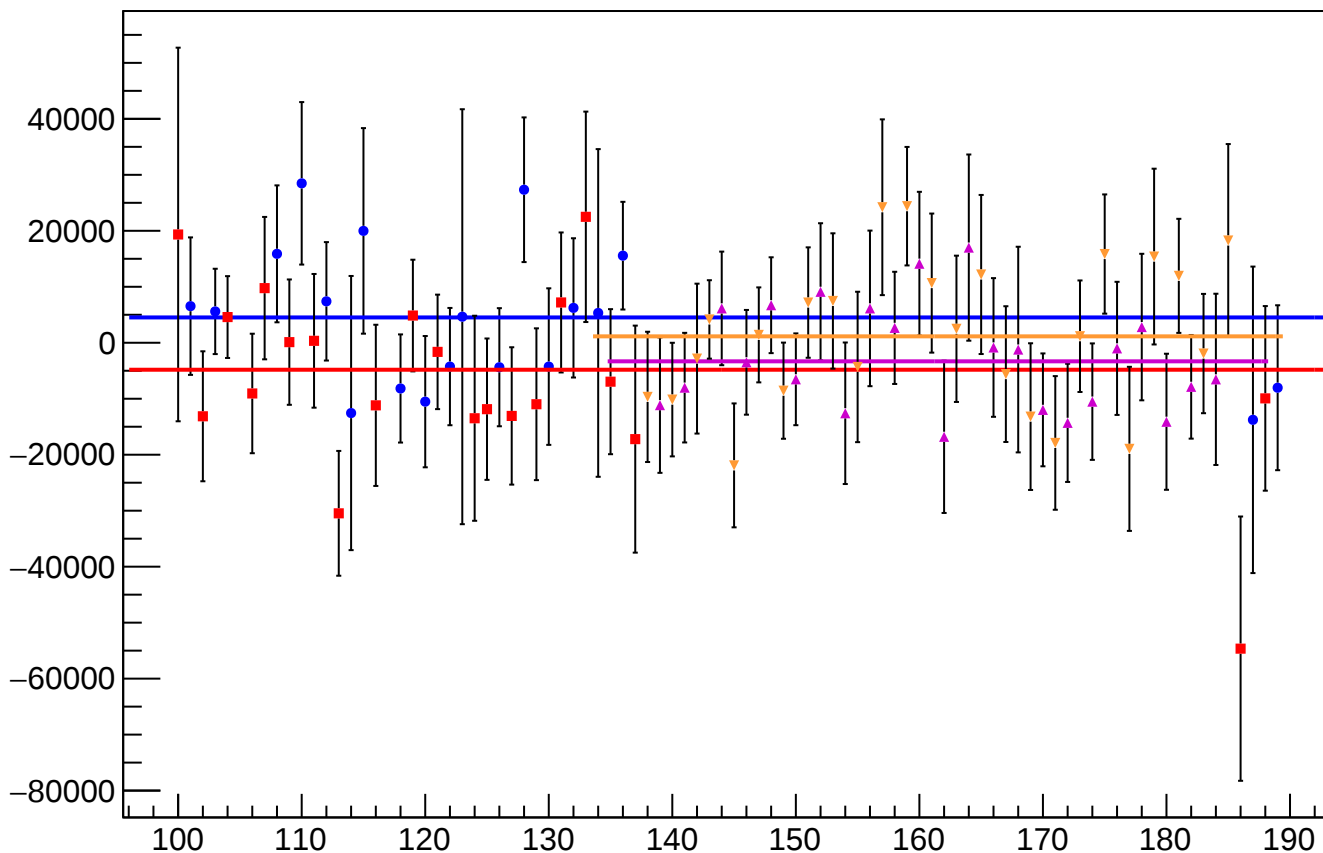
Left In: 9340.671 ± 1.603 $\chi^2/\text{NDF}: 1122275.5/22$

+ sign 8544.984 ± 1.450 $\chi^2/\text{NDF}: 2817438.7/26$

All: 8954.281 ± 1.070 $\chi^2/\text{NDF}: 4297251.0/51$

- sign 9443.014 ± 1.585 $\chi^2/\text{NDF}: 1305098.5/24$

asym_at2_avg_mean vs Slug



Right In: 4524.421 $\pm$ 2873.003 χ^2 /NDF: 15.7/18

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

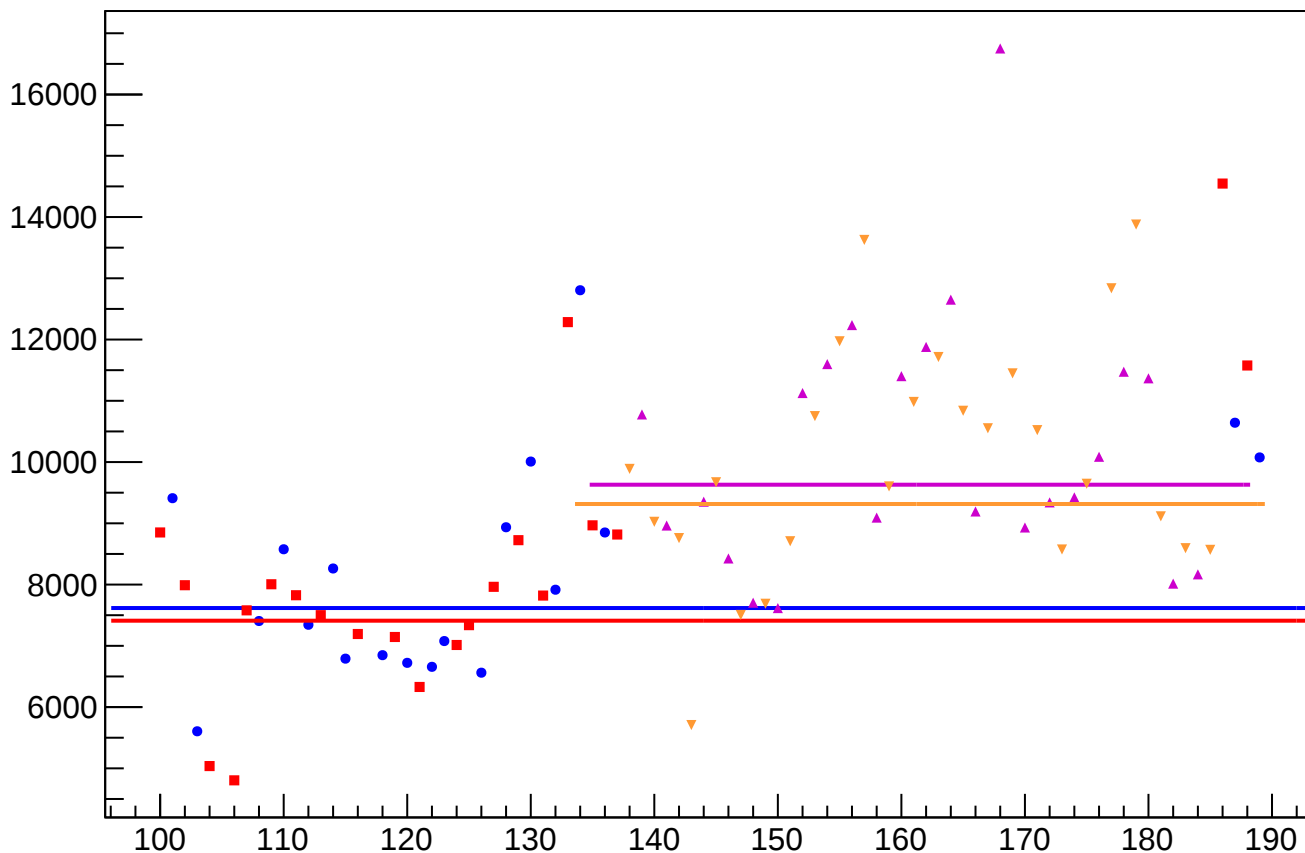
Left In: -3316.960 $\pm$ 2336.196 χ^2 /NDF:13.4/22

+ sign 2417.322 $\pm$ 1762.763 χ^2 /NDF: 44.4/43

All: -743.486 $\pm$ 1251.033 χ^2 /NDF: 84.8/87

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

asym_at2_avg_rms vs Slug



Right In: 7617.152+/-2.031 χ^2/NDF : 516035.7/18

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

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

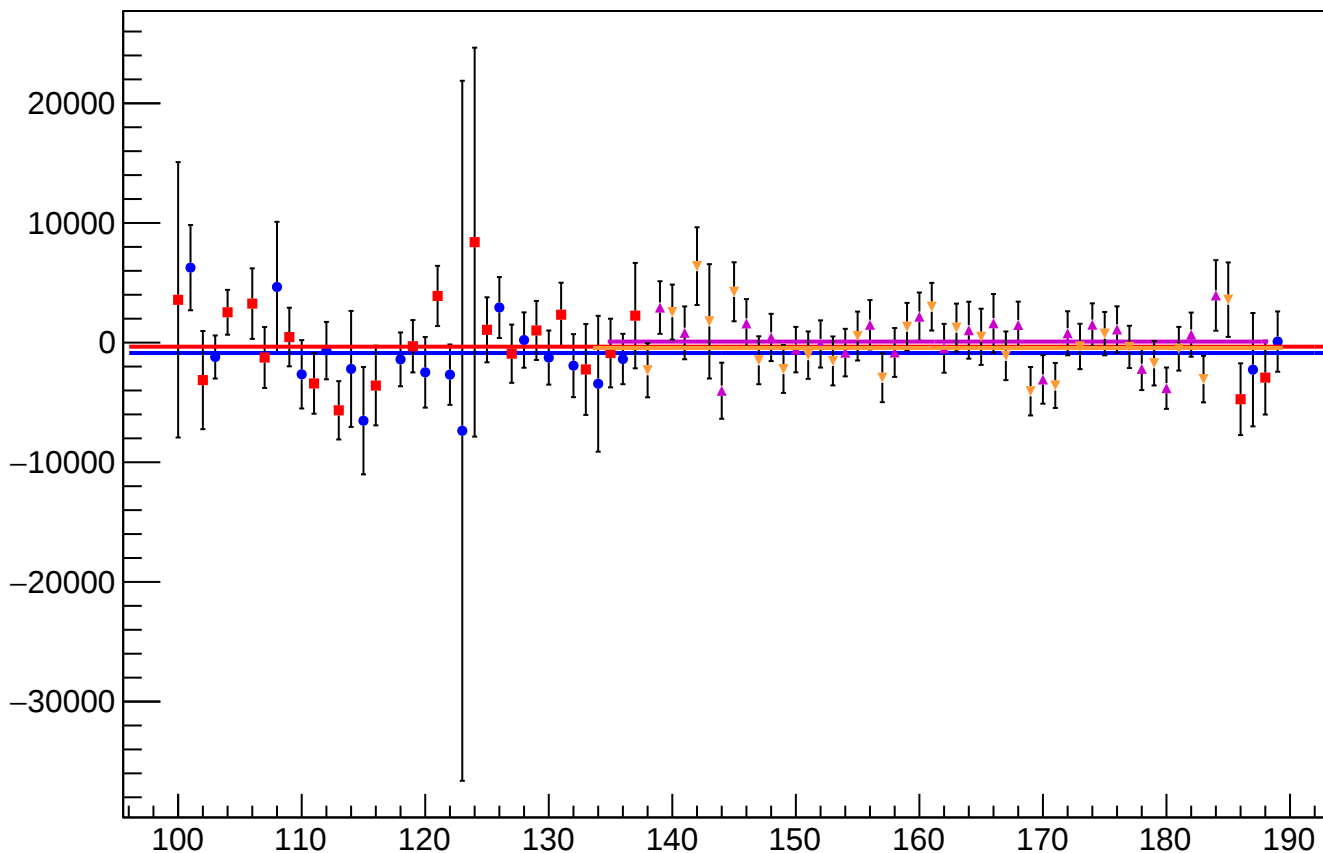
Left In: 9630.345+/-1.652 χ^2/NDF : 1074643.5/22

+ sign 8676.061+/-1.246 χ^2/NDF : 2455298.6/43

All: 8684.409+/-0.885 χ^2/NDF : 5174151.0/87

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

dit_asym_at2_dd_mean vs Slug



Right In: -869.236+/-642.731 χ^2/NDF : 11.2/18

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

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

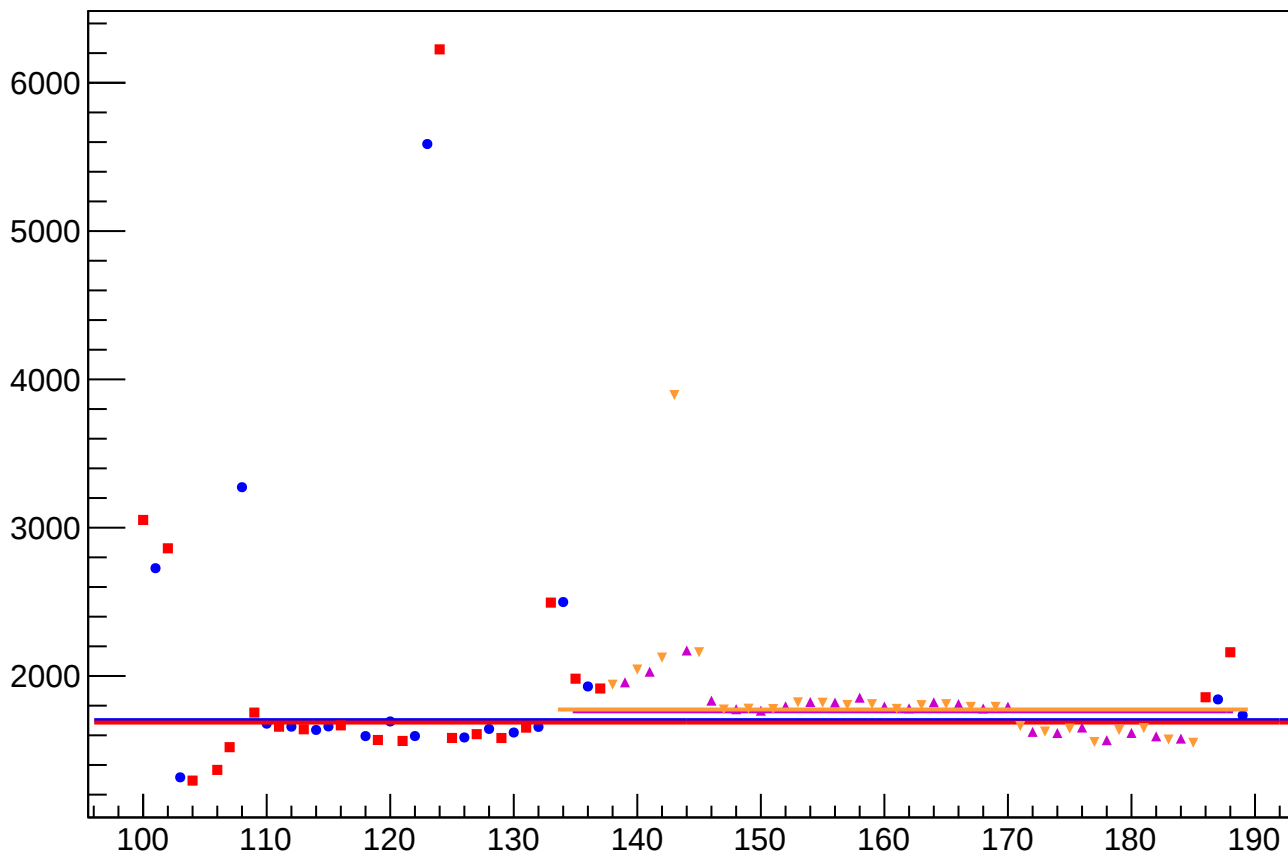
Left In: 85.195+/-421.350 χ^2/NDF : 20.7/22

+ sign -571.475+/-350.424 χ^2/NDF : 40.4/43

All: -308.918+/-246.800 χ^2/NDF : 82.6/87

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

dit_asym_at2_dd_rms vs Slug



Right In: 1702.341+/-0.454 χ^2/NDF : 541911.5/18

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

Right Out: 1686.064+/-0.435 χ^2/NDF : 660571.9/20

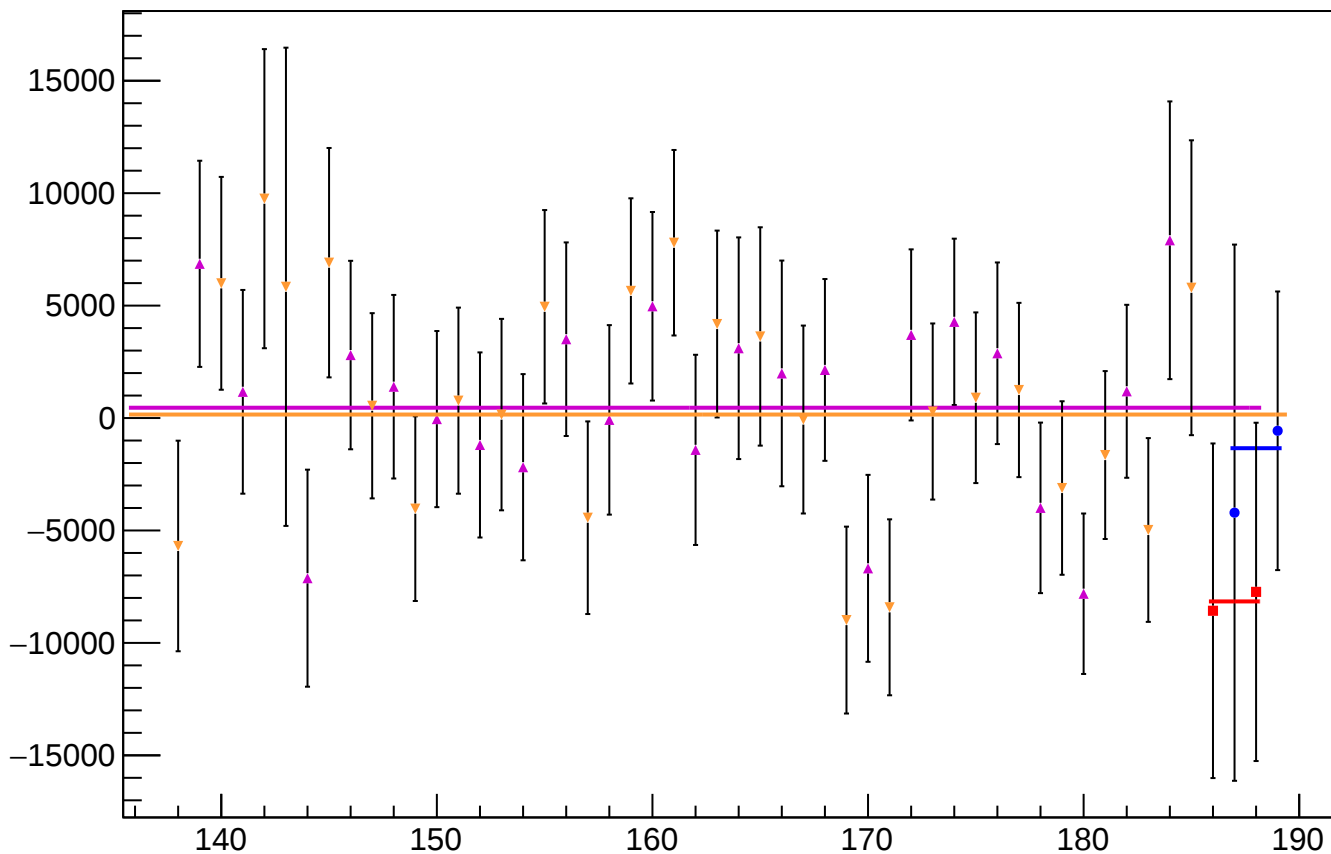
Left In: 1761.787+/-0.298 χ^2/NDF : 214639.5/22

+ sign 1752.758+/-0.248 χ^2/NDF : 1180953.3/43

All: 1745.126+/-0.175 χ^2/NDF : 2078668.4/87

- sign 1737.614+/-0.246 χ^2/NDF : 895832.6/43

asym_at2_dd_correction_mean vs Slug



Right In: -1341.235 ± 5497.682 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 156.218 ± 869.587 $\chi^2/\text{NDF}: 30.4/24$

Right Out: -8155.384 ± 5289.811 $\chi^2/\text{NDF}: 0.0/1$

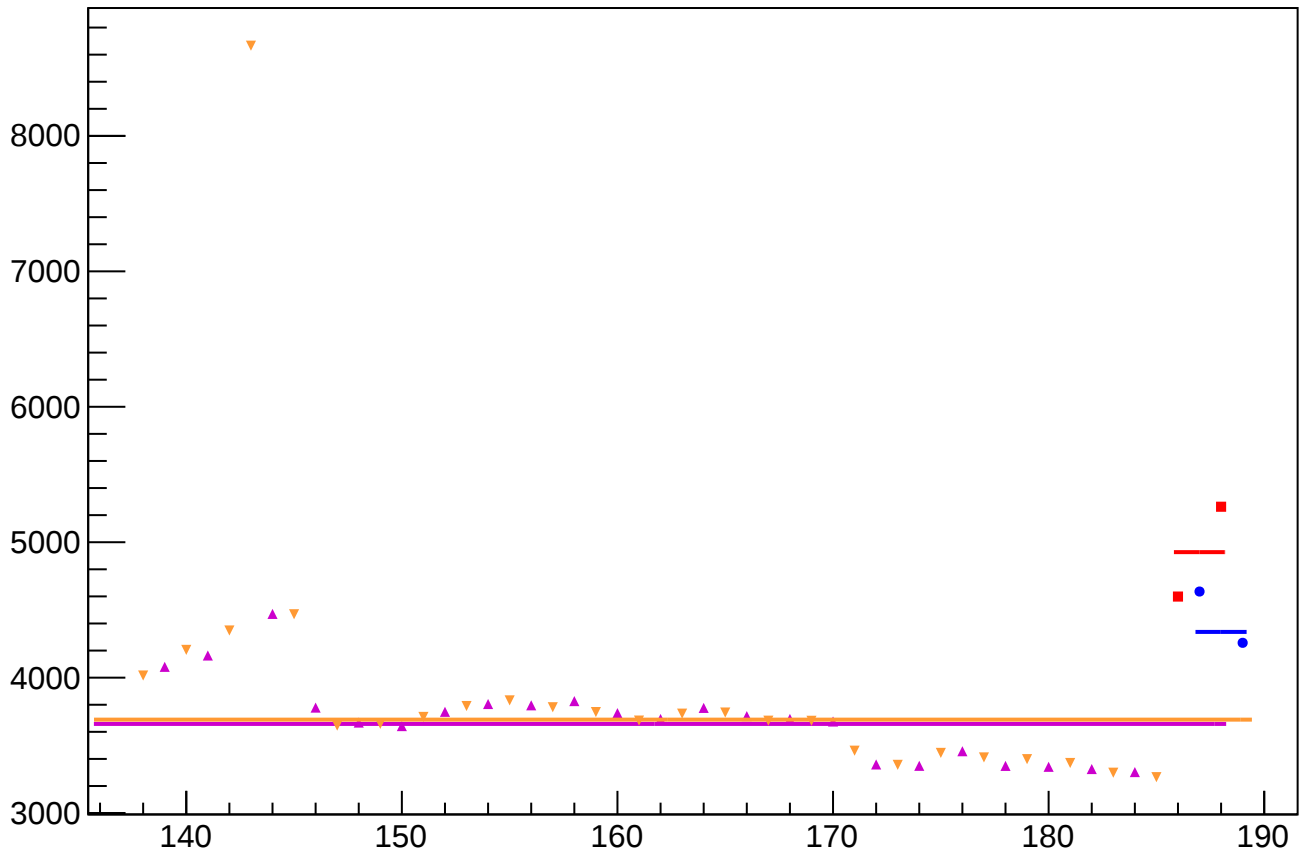
Left In: 458.566 ± 874.634 $\chi^2/\text{NDF}: 21.2/22$

+ sign 119.668 ± 858.909 $\chi^2/\text{NDF}: 30.5/26$

All: 174.249 ± 608.753 $\chi^2/\text{NDF}: 54.3/51$

- sign 229.341 ± 862.918 $\chi^2/\text{NDF}: 23.8/24$

asym_at2_dd_correction_rms vs Slug



Right In: 4337.749 $\pm$ 3.887 χ^2/NDF : 1588.6/1

Left Out: 3690.073 $\pm$ 0.615 χ^2/NDF : 635939.2/24

Right Out: 4926.790 $\pm$ 3.740 χ^2/NDF : 7858.7/1

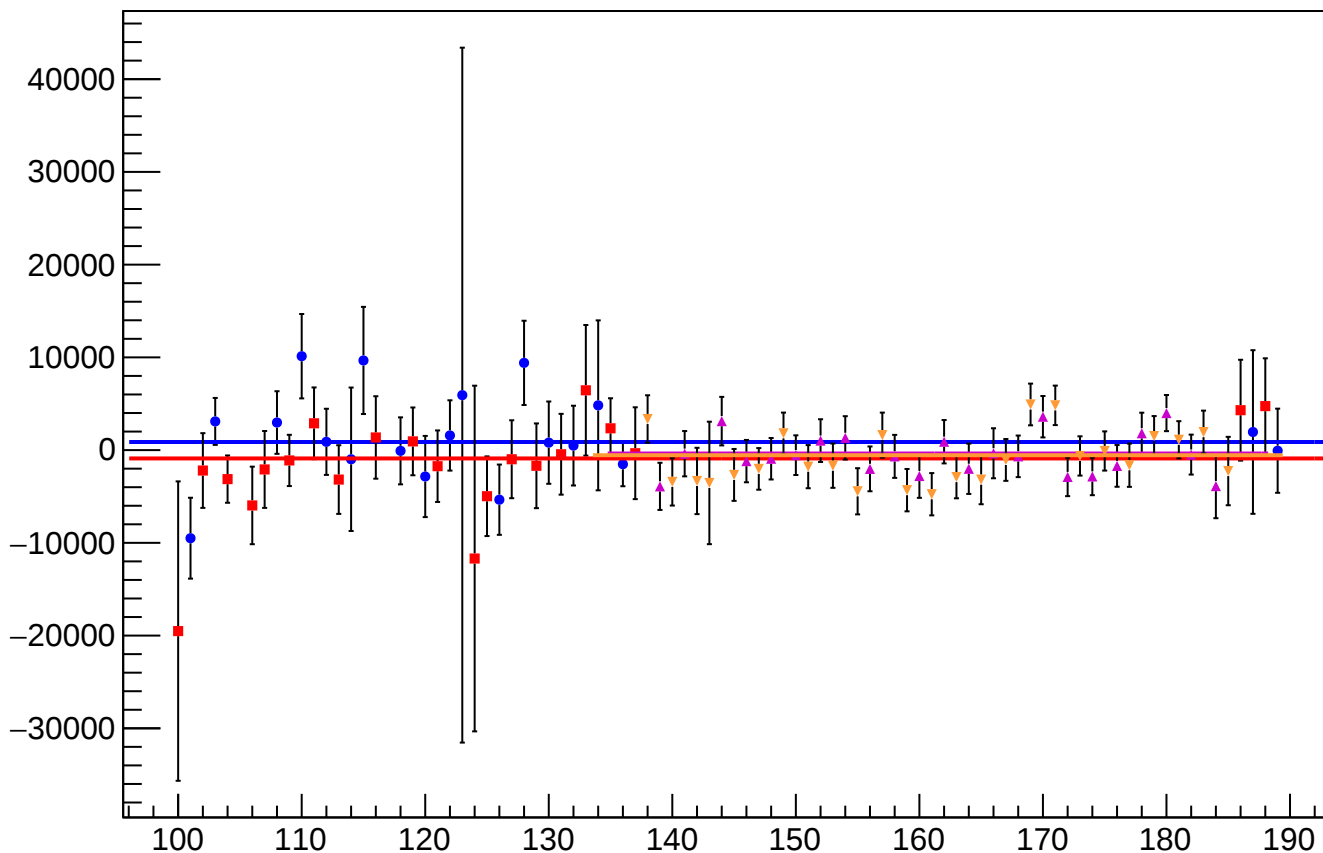
Left In: 3658.346 $\pm$ 0.618 χ^2/NDF : 193399.4/22

+ sign 3705.882 $\pm$ 0.607 χ^2/NDF : 664608.2/26

All: 3699.023 $\pm$ 0.430 χ^2/NDF : 978060.8/51

- sign 3692.101 $\pm$ 0.610 χ^2/NDF : 313196.4/24

asym_at2_dd_mean vs Slug



Right In: 873.843 ± 935.697 χ^2/NDF : 21.7/18

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

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

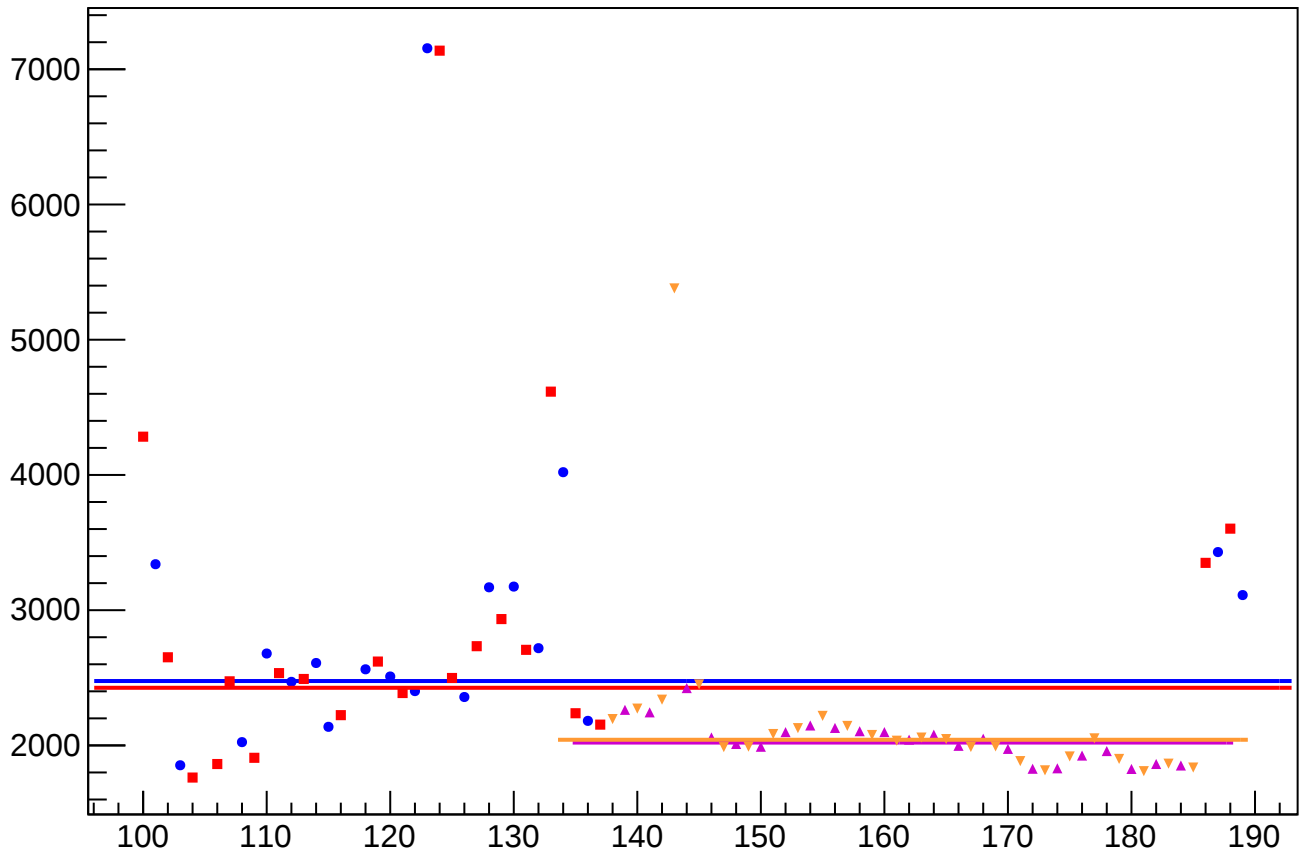
Left In: -366.243 ± 483.092 χ^2/NDF : 20.5/22

+ sign -252.889 ± 428.230 χ^2/NDF : 57.5/43

All: -370.076 ± 301.811 χ^2/NDF : 89.6/87

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

asym_at2_dd_rms vs Slug



Right In: 2476.159+/-0.662 χ^2/NDF : 534609.7/18

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

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

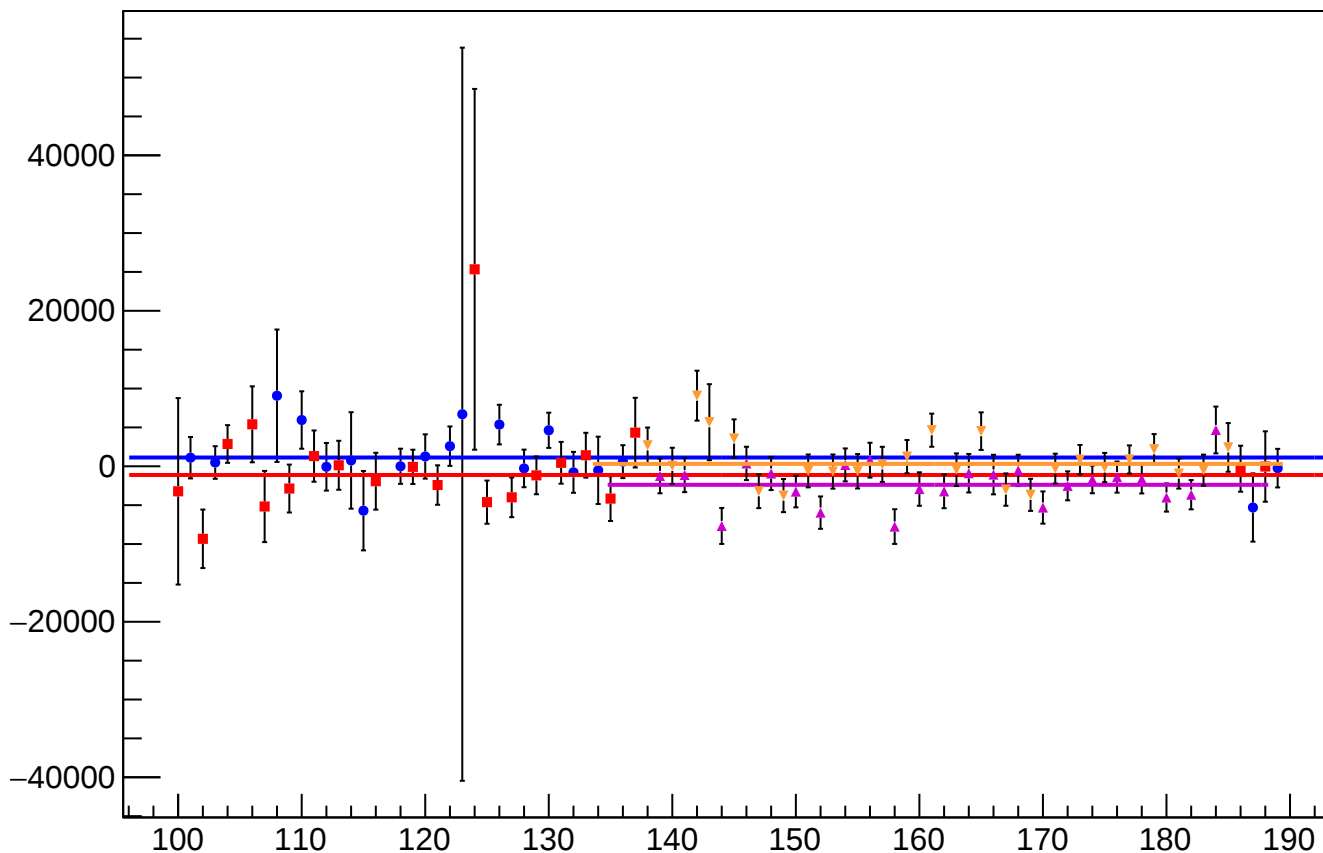
Left In: 2021.065+/-0.342 χ^2/NDF : 178726.2/22

+ sign 2132.763+/-0.303 χ^2/NDF : 1582205.7/43

All: 2122.314+/-0.213 χ^2/NDF : 2906611.7/87

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

dit_asym_atl_avg_mean vs Slug



Right In: 1128.475+/-665.677 χ^2/NDF : 13.9/18

Left Out: 307.312+/-435.678 χ^2/NDF : 34.4/24

Right Out: -1117.494+/-687.173 χ^2/NDF : 19.6/20

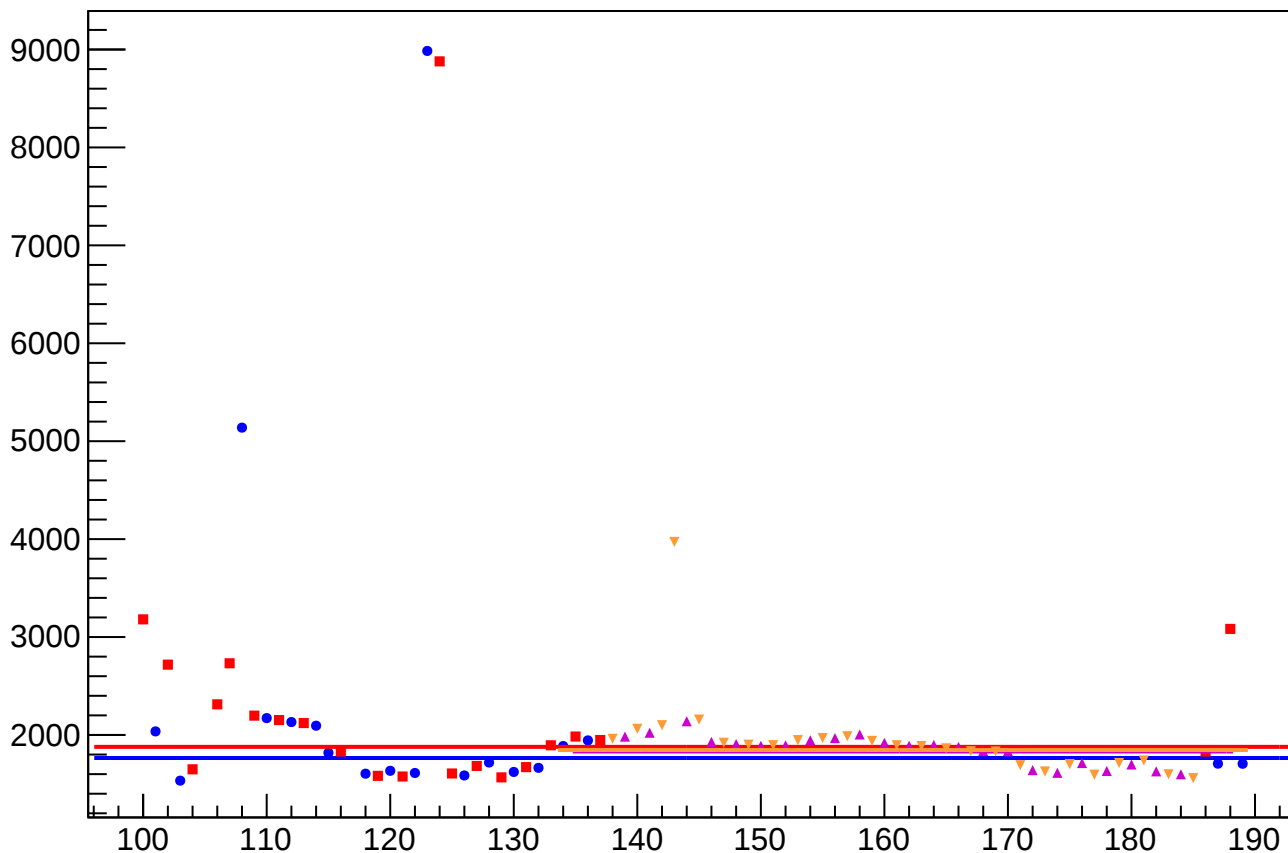
Left In: -2383.232+/-438.943 χ^2/NDF : 31.3/22

+ sign 553.574+/-364.542 χ^2/NDF : 49.4/43

All: -712.628+/-259.649 χ^2/NDF : 127.2/87

- sign -2016.441+/-369.916 χ^2/NDF : 53.3/43

dit_asym_atl_avg_rms vs Slug



Right In: 1764.810+/-0.471 χ^2/NDF : 525215.0/18

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

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

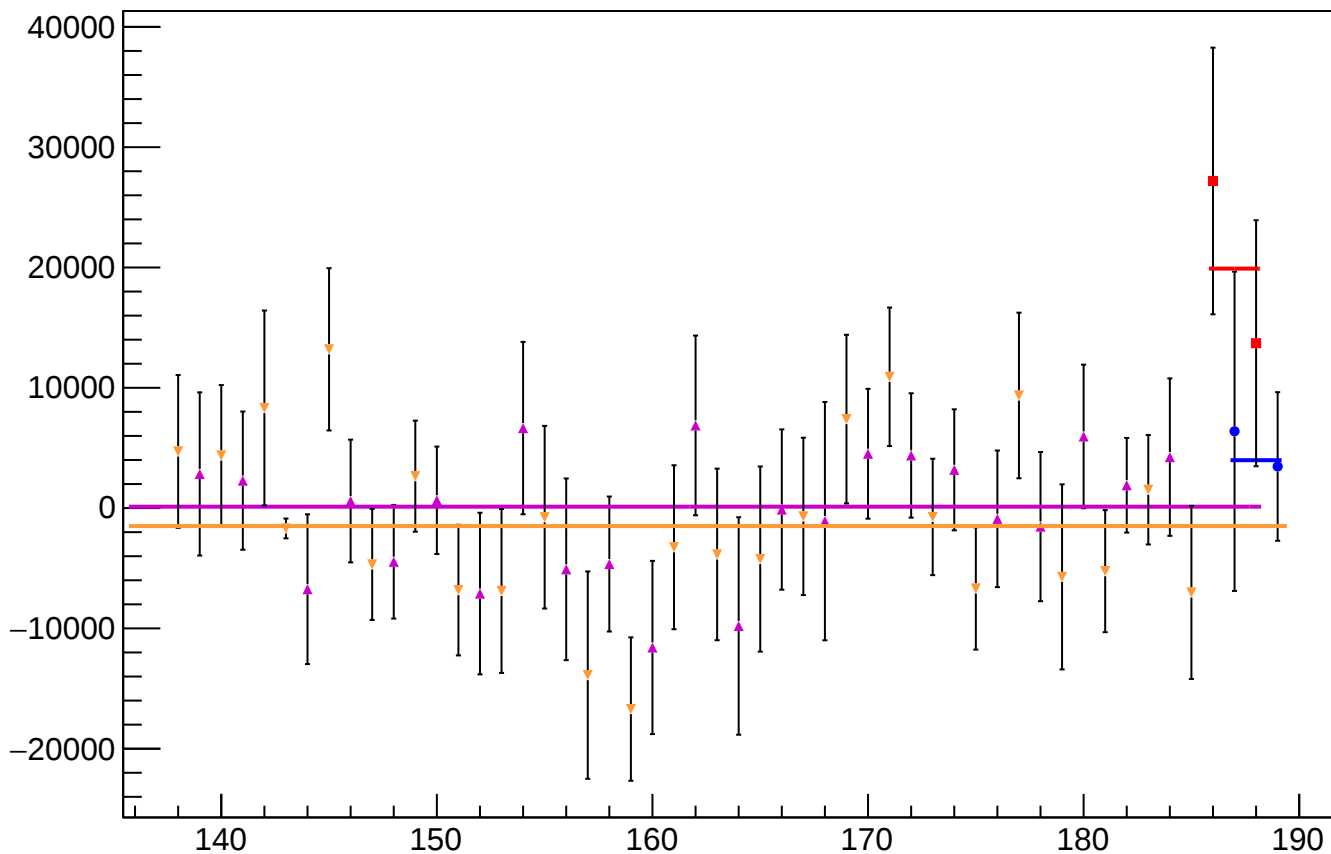
Left In: 1831.219+/-0.310 χ^2/NDF : 229043.3/22

+ sign 1821.787+/-0.258 χ^2/NDF : 1173092.3/43

All: 1833.211+/-0.184 χ^2/NDF : 2155823.5/87

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

asym_atl_avg_correction_mean vs Slug



Right In: 3981.184 $\pm$ 5600.336 χ^2 /NDF: 0.0/1

Left Out: -1493.254 $\pm$ 684.837 χ^2 /NDF:31.7/24

Right Out: 19905.157 $\pm$ 7514.257 χ^2 /NDF: 0.8/1

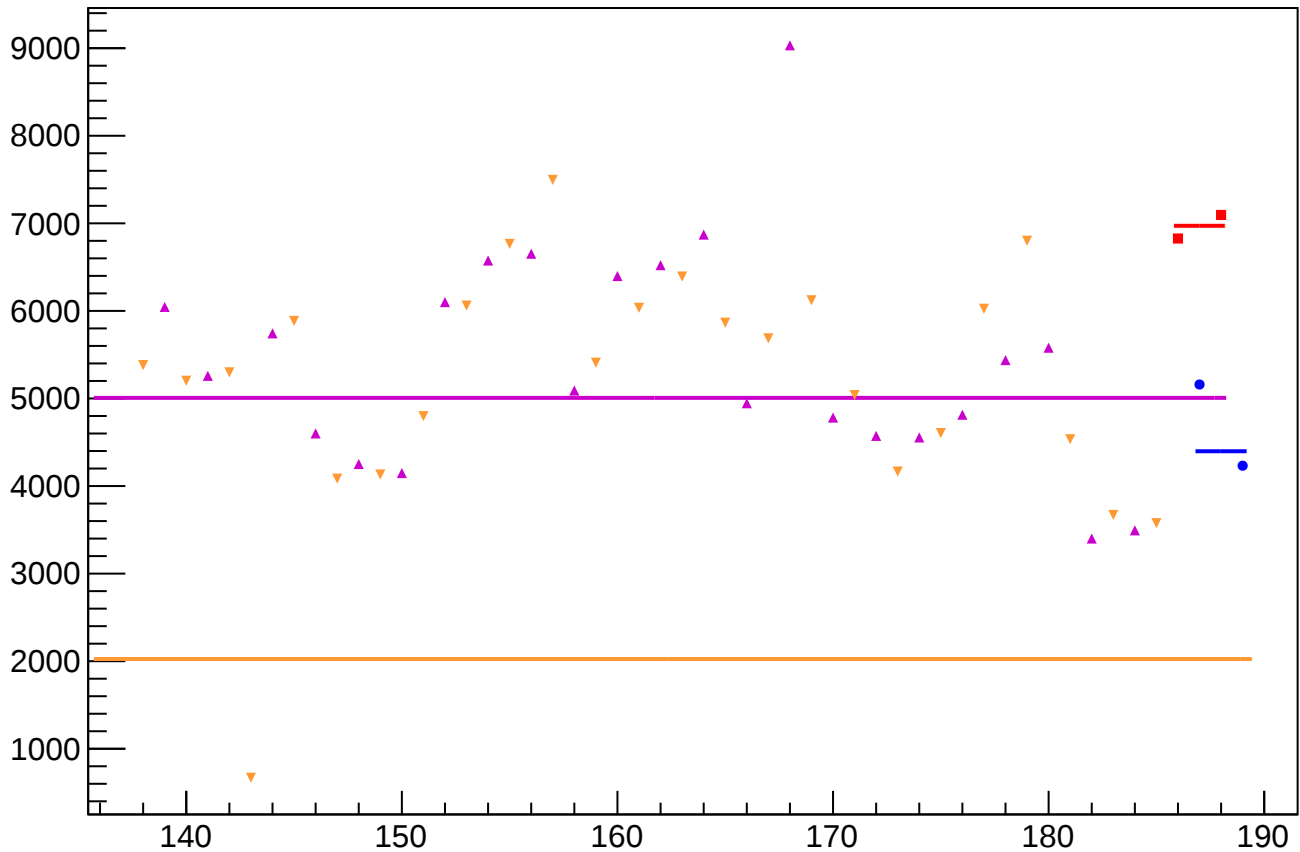
Left In: 118.284 $\pm$ 1222.854 χ^2 /NDF:13.7/22

+ sign -1412.597 $\pm$ 679.774 χ^2 /NDF: 32.7/26

All: -921.004 $\pm$ 592.296 χ^2 /NDF: 56.1/51

- sign 628.792 $\pm$ 1206.976 χ^2 /NDF: 21.3/24

asym_atl_avg_correction_rms vs Slug



Right In: 4397.360+/-3.960 χ^2/NDF : 8025.9/1

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

Right Out: 6971.866+/-5.313 χ^2/NDF : 636.5/1

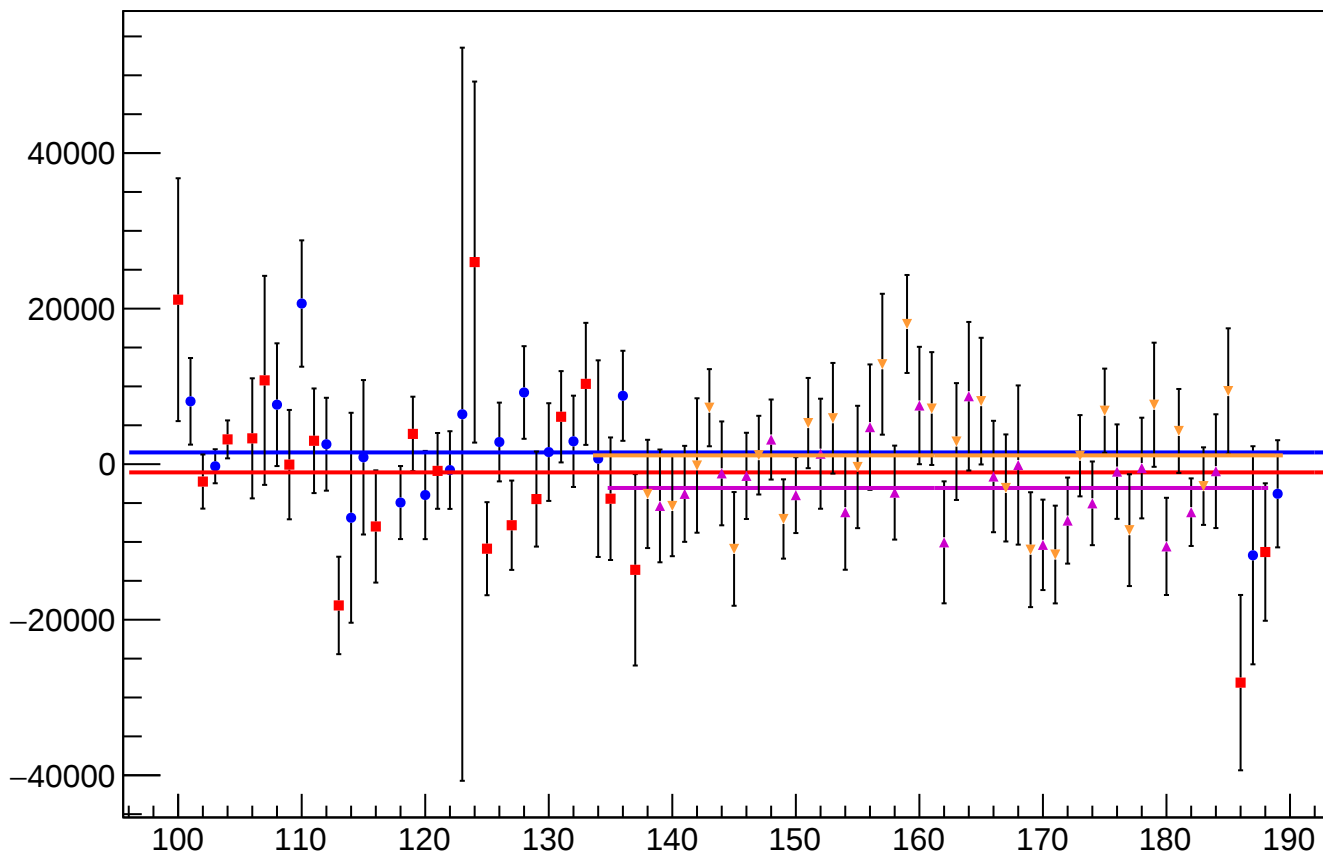
Left In: 5006.911+/-0.865 χ^2/NDF :1537926.5/22

+ sign 2059.609+/-0.481 χ^2/NDF : 19181513.6/26

All: 2781.566+/-0.419 χ^2/NDF : 30221245.6/5

- sign 5057.607+/-0.853 χ^2/NDF : 1671795.9/24

asym_atl_avg_mean vs Slug



Right In: 1510.662 $\pm$ 1273.424 χ^2 /NDF: 16.5/18

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

Right Out: -1057.016 $\pm$ 1264.636 χ^2 /NDF: 33.8/20

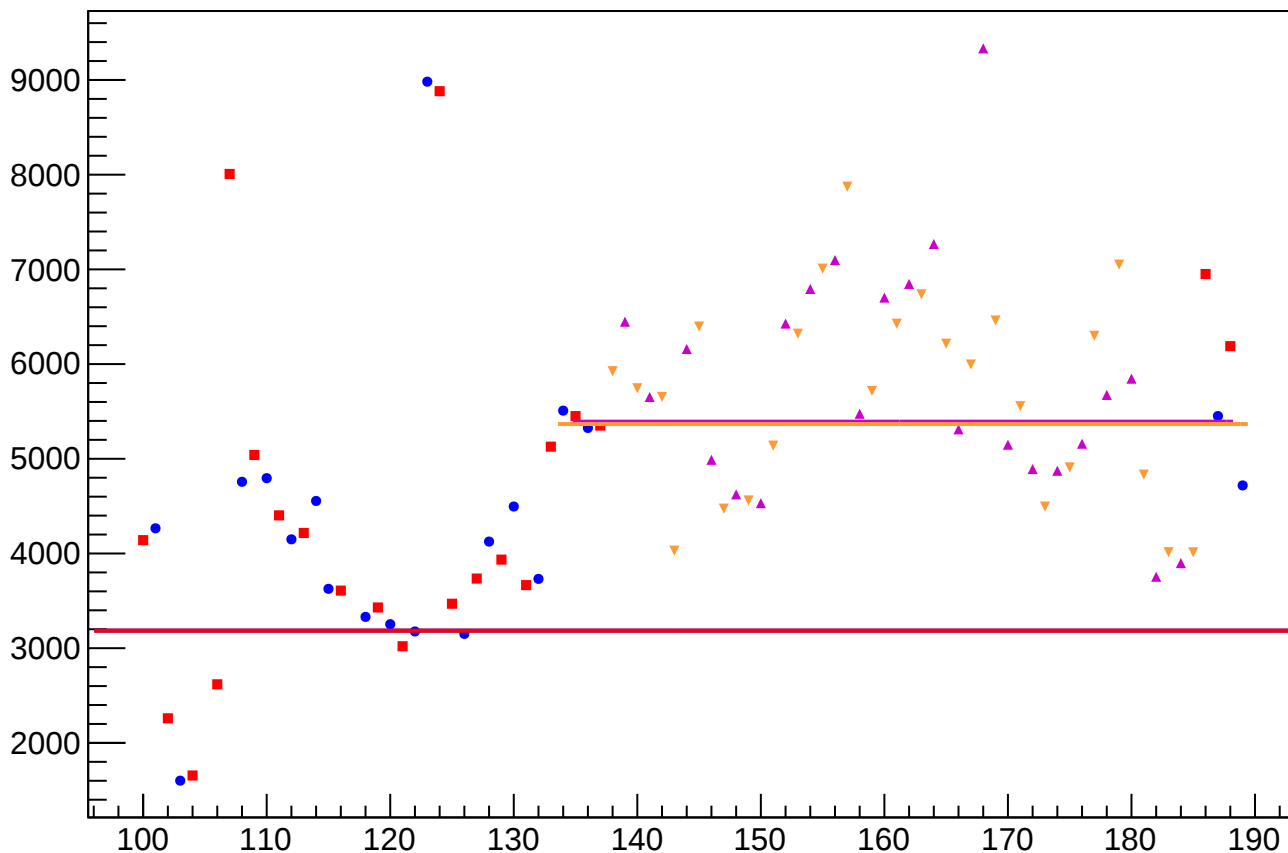
Left In: -3061.439 $\pm$ 1313.197 χ^2 /NDF:12.3/22

+ sign 1322.587 $\pm$ 902.837 χ^2 /NDF: 49.1/43

All: -334.550 $\pm$ 641.240 χ^2 /NDF: 103.2/87

- sign -2021.481 $\pm$ 910.917 χ^2 /NDF: 47.3/43

asym_atl_avg_rms vs Slug



Right In: 3185.752 $\pm$ 0.900 χ^2 /NDF: 2036708.8/18

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

Right Out: 3185.192 $\pm$ 0.882 χ^2 /NDF: 2478753.7/20

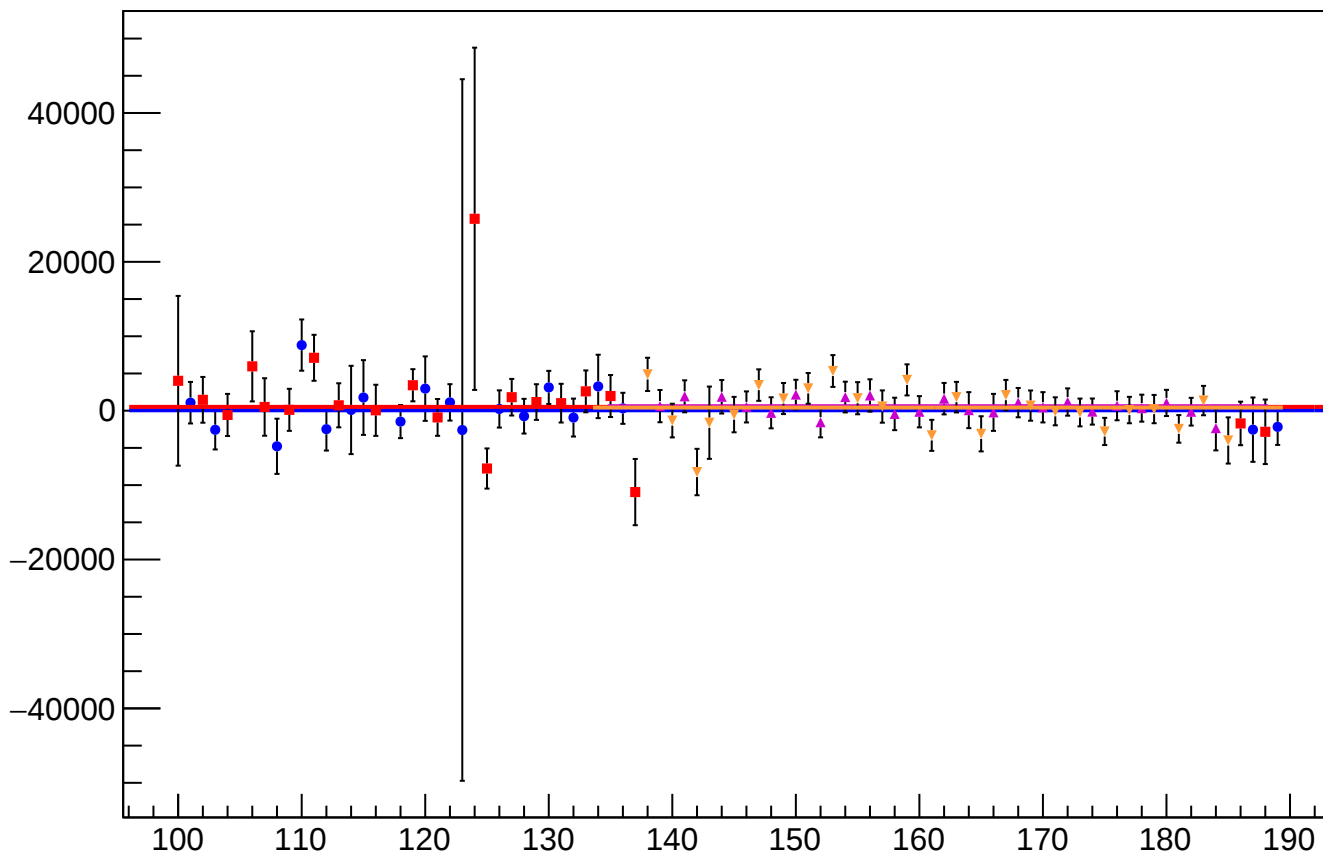
Left In: 5391.987 $\pm$ 0.929 χ^2 /NDF:1320415.5/22

+ sign 4270.545 $\pm$ 0.638 χ^2 /NDF: 6168545.8/43

All: 4251.054 $\pm$ 0.452 χ^2 /NDF: 12939687.4/8

- sign 4231.501 $\pm$ 0.639 χ^2 /NDF: 6769274.2/43

dit_asym_atl_dd_mean vs Slug



Right In: 55.531+/-666.739 χ^2/NDF : 15.3/18

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

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

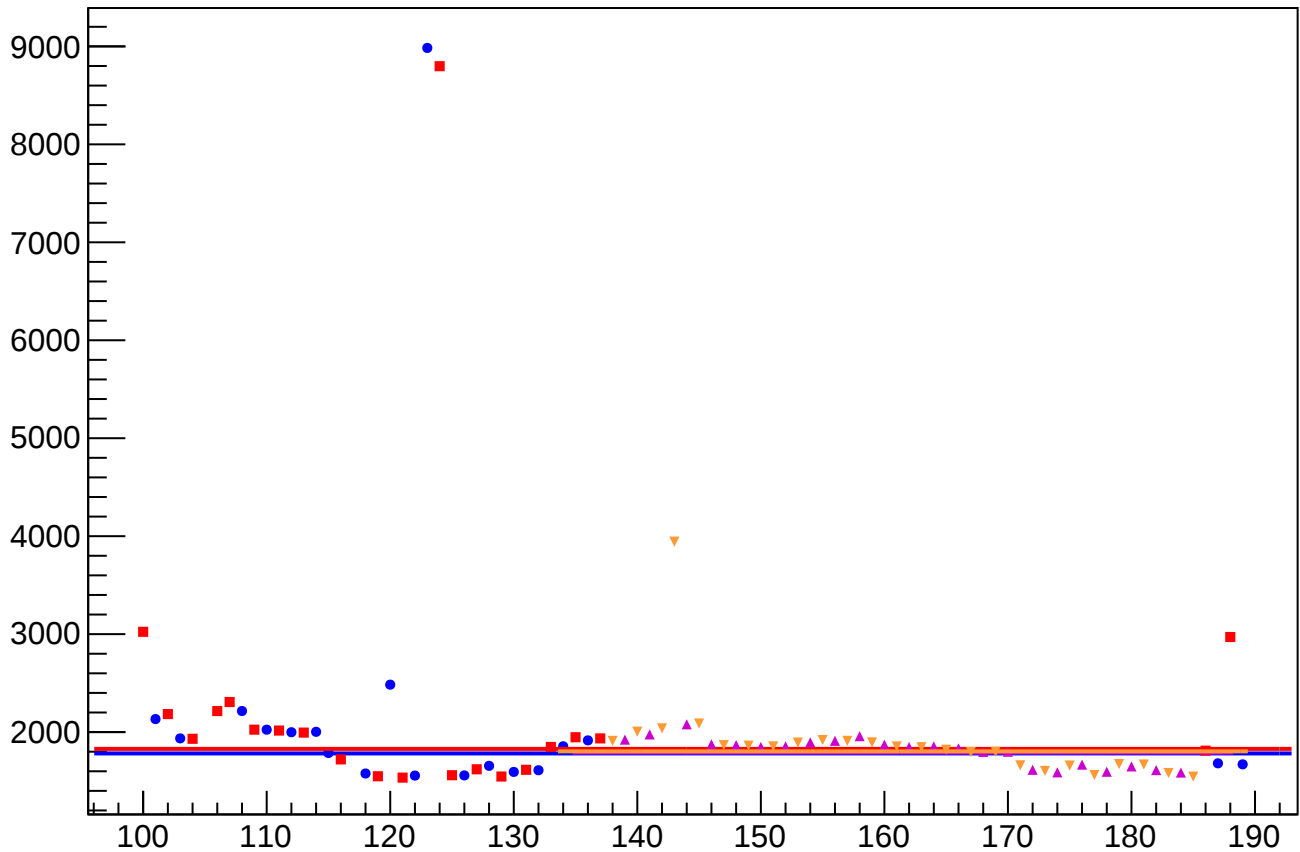
Left In: 595.101+/-429.153 χ^2/NDF : 5.7/22

+ sign 313.670+/-358.654 χ^2/NDF : 55.4/43

All: 441.191+/-254.327 χ^2/NDF : 89.4/87

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

dit_asym_atl_dd_rms vs Slug



Right In: 1782.104+/-0.471 χ^2 /NDF: 282556.7/18

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

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

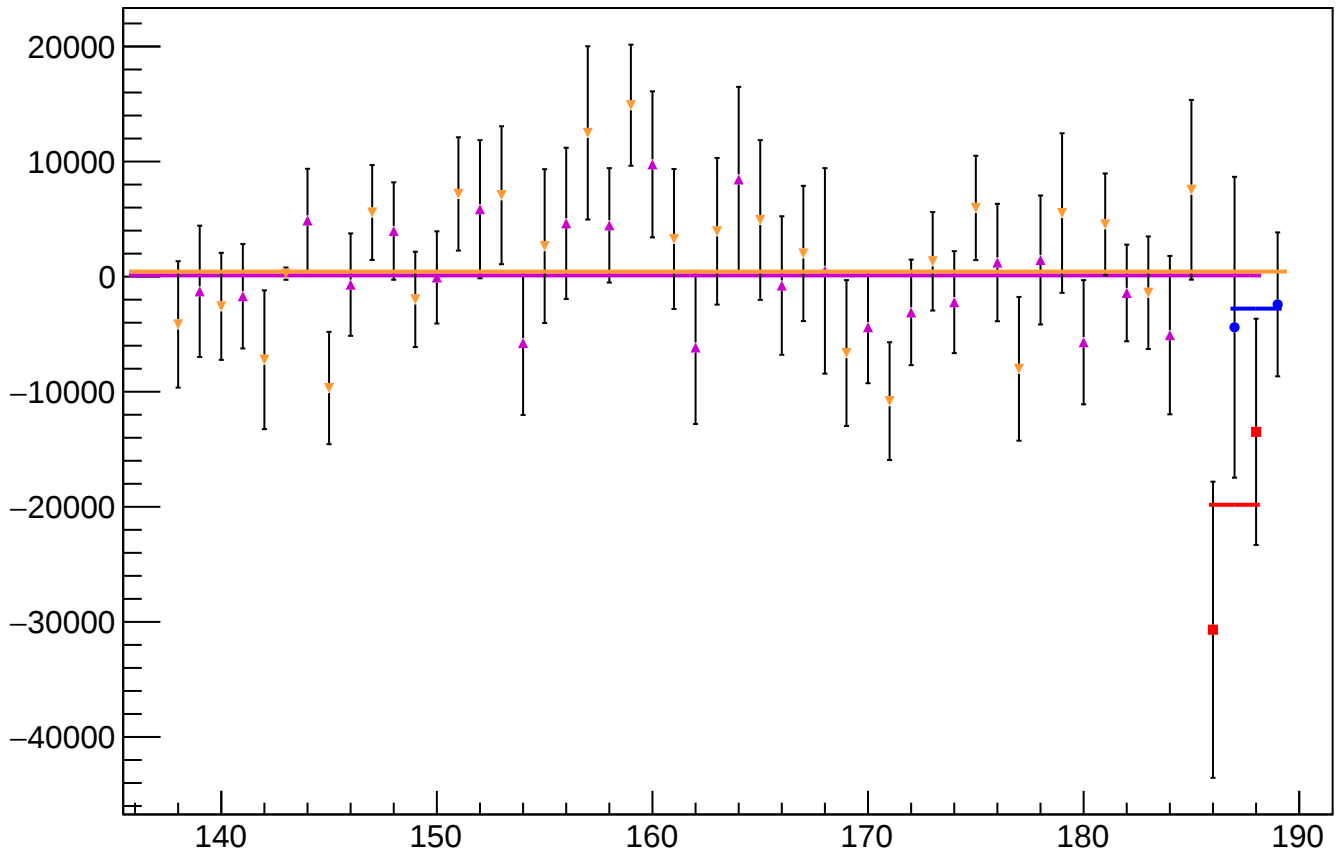
Left In: 1790.999+/-0.303 χ^2 /NDF:210711.4/22

+ sign 1797.134+/-0.254 χ^2 /NDF: 900358.8/43

All: 1799.607+/-0.180 χ^2 /NDF: 1702814.8/87

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

asym_atl_dd_correction_mean vs Slug



Right In: -2778.570 ± 5641.131 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 441.916 ± 479.882 $\chi^2/\text{NDF}: 35.2/24$

Right Out: -19820.877 ± 7809.319 $\chi^2/\text{NDF}: 1.1/1$

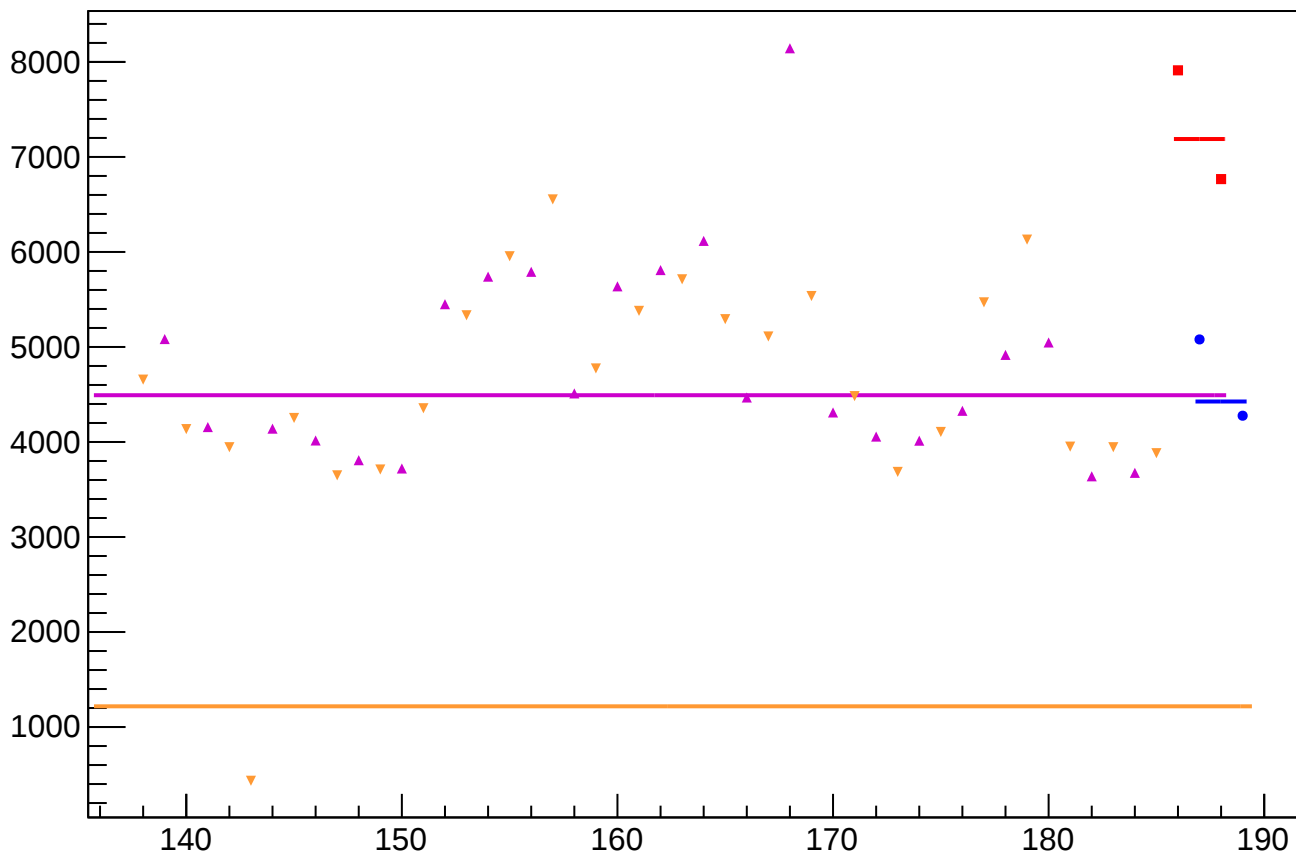
Left In: 105.335 ± 1090.763 $\chi^2/\text{NDF}: 13.1/22$

+ sign 418.778 ± 478.155 $\chi^2/\text{NDF}: 35.5/26$

All: 304.965 ± 437.239 $\chi^2/\text{NDF}: 56.5/51$

- sign -275.966 ± 1080.276 $\chi^2/\text{NDF}: 20.7/24$

asym_atl_dd_correction_rms vs Slug



Right In: 4426.064+/-3.989 χ^2/NDF : 6139.3/1

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

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

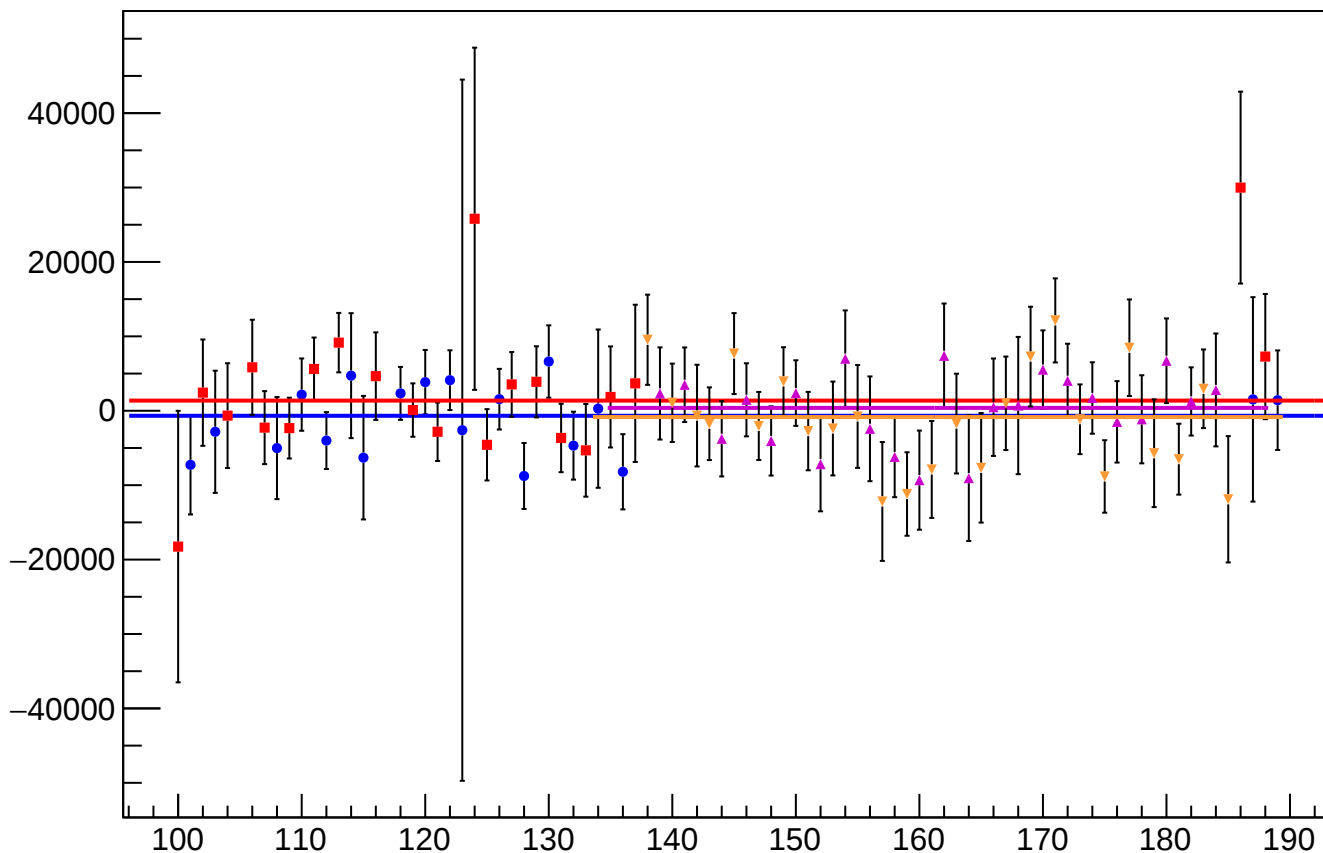
Left In: 4492.222+/-0.771 χ^2/NDF : 1152018.3/22

+ sign 1240.946+/-0.338 χ^2/NDF : 24071480.8/26

All: 1782.024+/-0.309 χ^2/NDF : 41100449.6/5

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

asym_atl_dd_mean vs Slug



Right In: -673.953 ± 1221.685 $\chi^2/\text{NDF}: 15.7/18$

Left Out: -845.427 ± 1152.677 $\chi^2/\text{NDF}: 30.0/24$

Right Out: 1367.552 ± 1174.450 $\chi^2/\text{NDF}: 20.5/20$

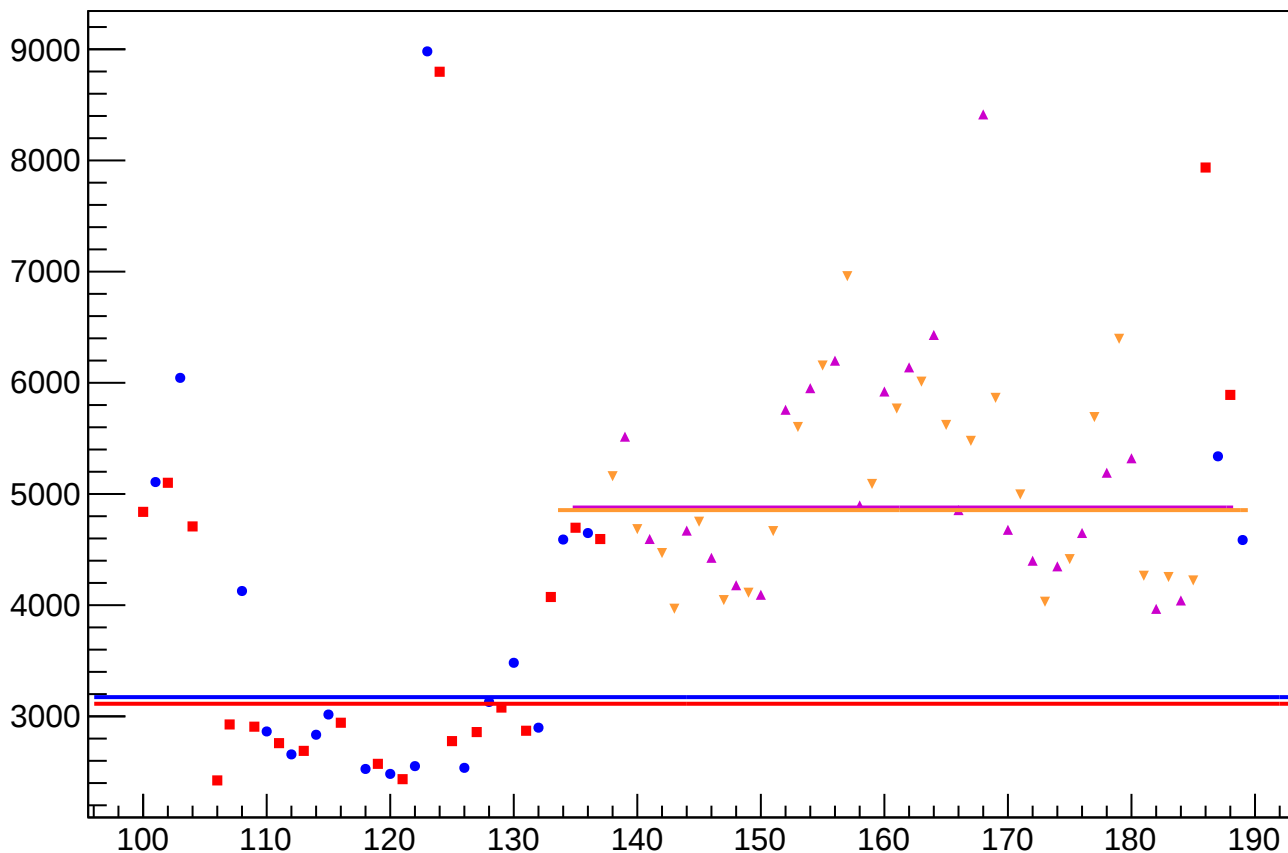
Left In: 385.098 ± 1181.458 $\chi^2/\text{NDF}: 13.9/22$

+ sign -764.669 ± 838.401 $\chi^2/\text{NDF}: 45.7/43$

All: 62.672 ± 590.894 $\chi^2/\text{NDF}: 82.4/87$

- sign 879.247 ± 832.928 $\chi^2/\text{NDF}: 34.8/43$

asym_atl_dd_rms vs Slug



Right In: 3172.891+/-0.864 χ^2/NDF : 1104591.0/18

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

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

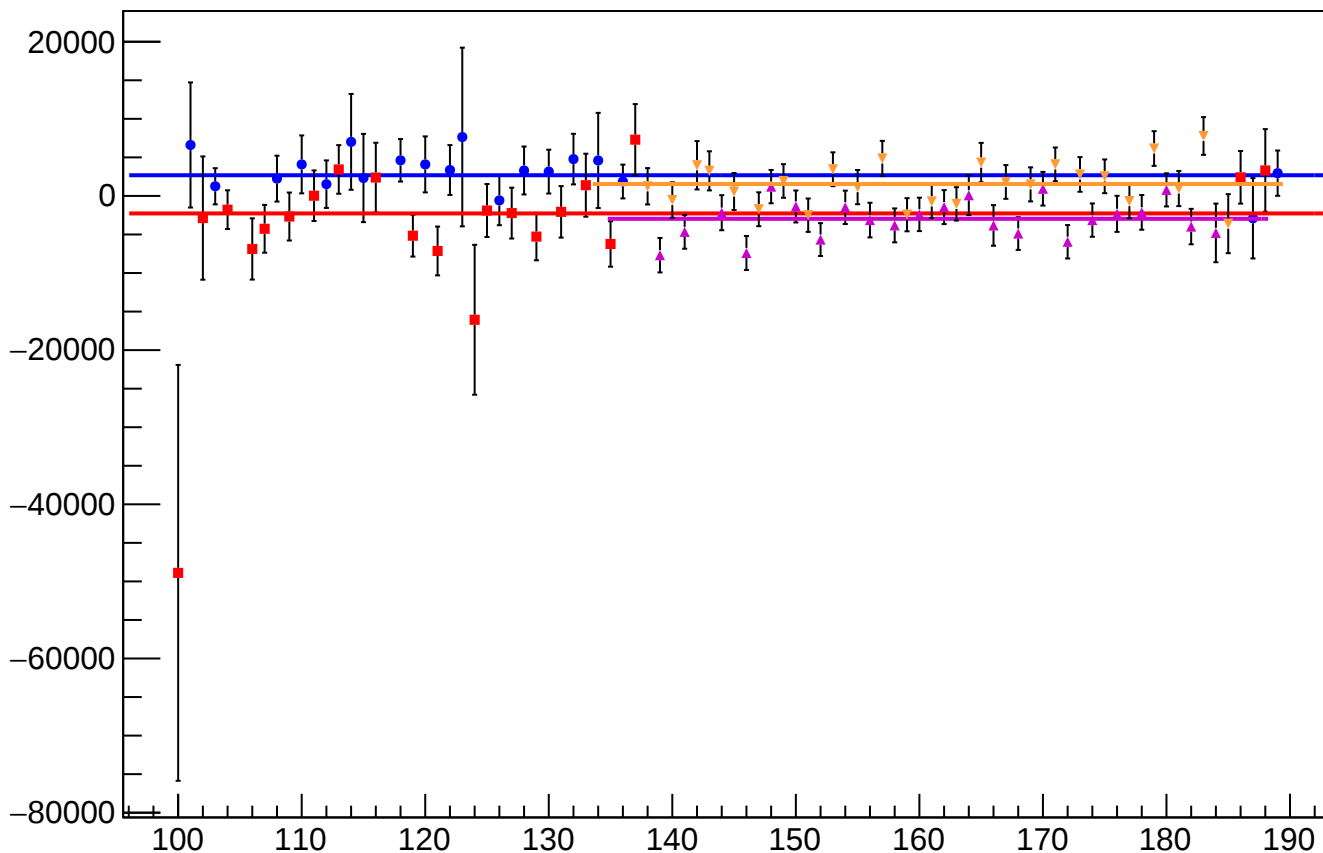
Left In: 4878.261+/-0.835 χ^2/NDF : 965222.2/22

+ sign 4062.753+/-0.593 χ^2/NDF : 4005889.4/43

All: 4020.720+/-0.417 χ^2/NDF : 8558435.3/87

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

dit_asym_atr_avg_mean vs Slug



Right In: 2684.292+/-776.802 χ^2/NDF : 5.2/18

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

Right Out: -2270.448+/-778.424 χ^2/NDF : 26.0/20

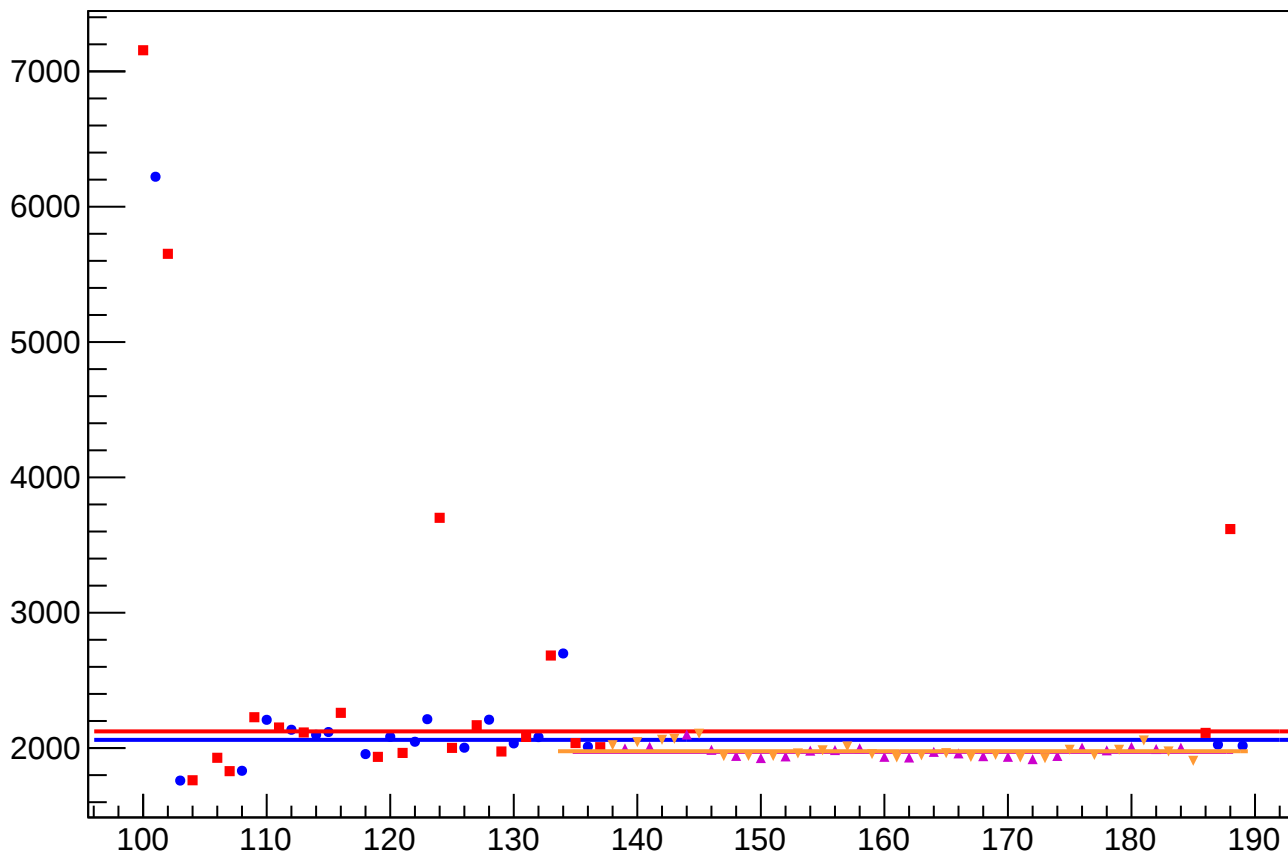
Left In: -2968.538+/-470.273 χ^2/NDF : 27.4/22

+ sign 1843.200+/-396.992 χ^2/NDF : 40.0/43

All: -437.361+/-282.650 χ^2/NDF : 160.9/87

- sign -2781.877+/-402.520 χ^2/NDF : 54.0/43

dit_asym_atr_avg_rms vs Slug



Right In: 2060.496 $\pm$ 0.549 χ^2 /NDF: 606988.2/18

Left Out: 1976.522 $\pm$ 0.327 χ^2 /NDF: 22476.7/24

Right Out: 2123.166 $\pm$ 0.550 χ^2 /NDF: 799653.5/20

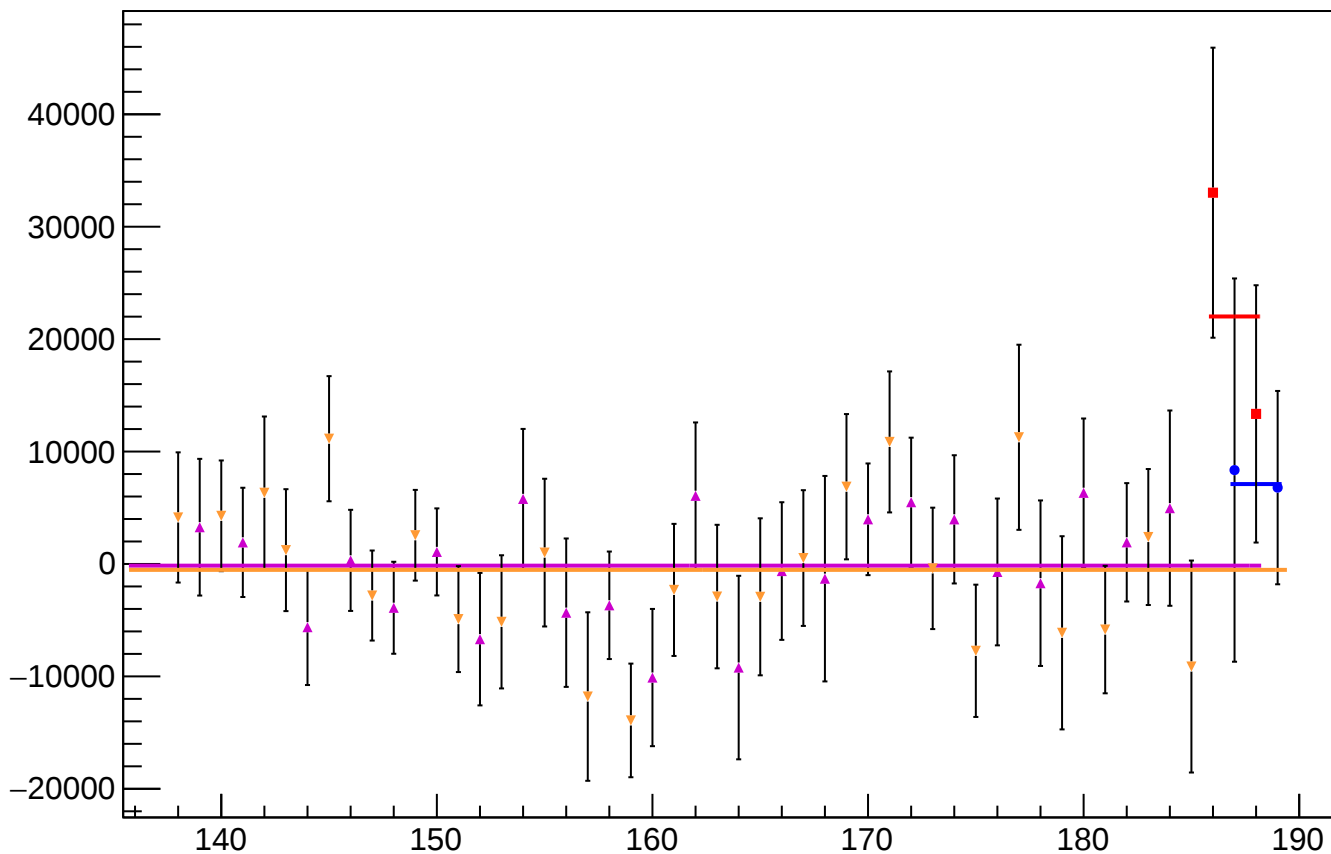
Left In: 1971.509 $\pm$ 0.333 χ^2 /NDF: 14769.7/22

+ sign 1998.454 $\pm$ 0.281 χ^2 /NDF: 646733.1/43

All: 2005.174 $\pm$ 0.200 χ^2 /NDF: 1517961.8/87

- sign 2012.080 $\pm$ 0.285 χ^2 /NDF: 870066.9/43

asym_atr_avg_correction_mean vs Slug



Right In: 7108.035 $\pm$ 7677.602 χ^2 /NDF: 0.0/1

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

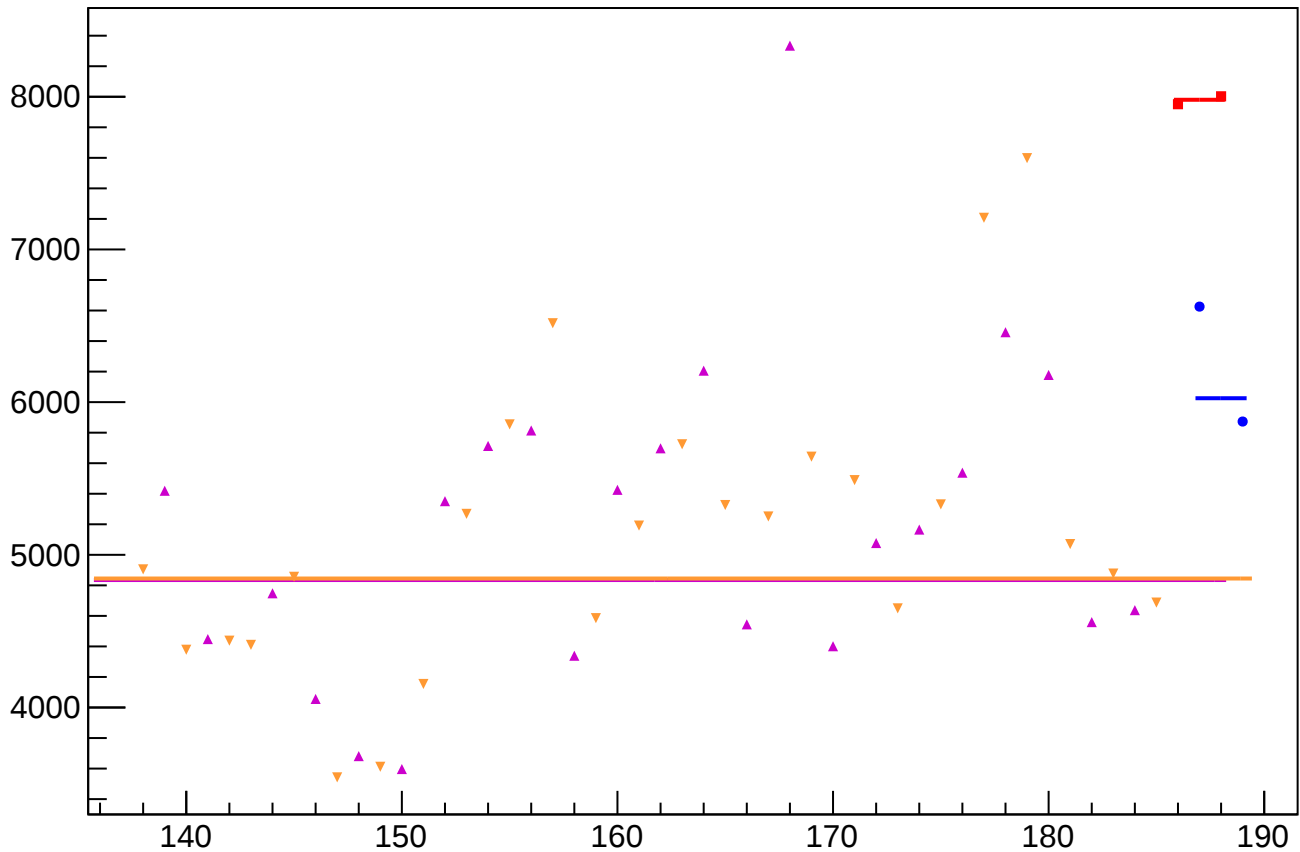
Left In: -150.621 $\pm$ 1175.216 χ^2 /NDF:14.2/22

+ sign -355.915 $\pm$ 1142.966 χ^2 /NDF: 30.7/26

All: -53.973 $\pm$ 815.636 χ^2 /NDF: 52.9/51

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

asym_atr_avg_correction_rms vs Slug



Right In: 6025.625+/-5.429 χ^2/NDF : 3108.4/1

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

Right Out: 7980.296+/-6.054 χ^2/NDF : 18.1/1

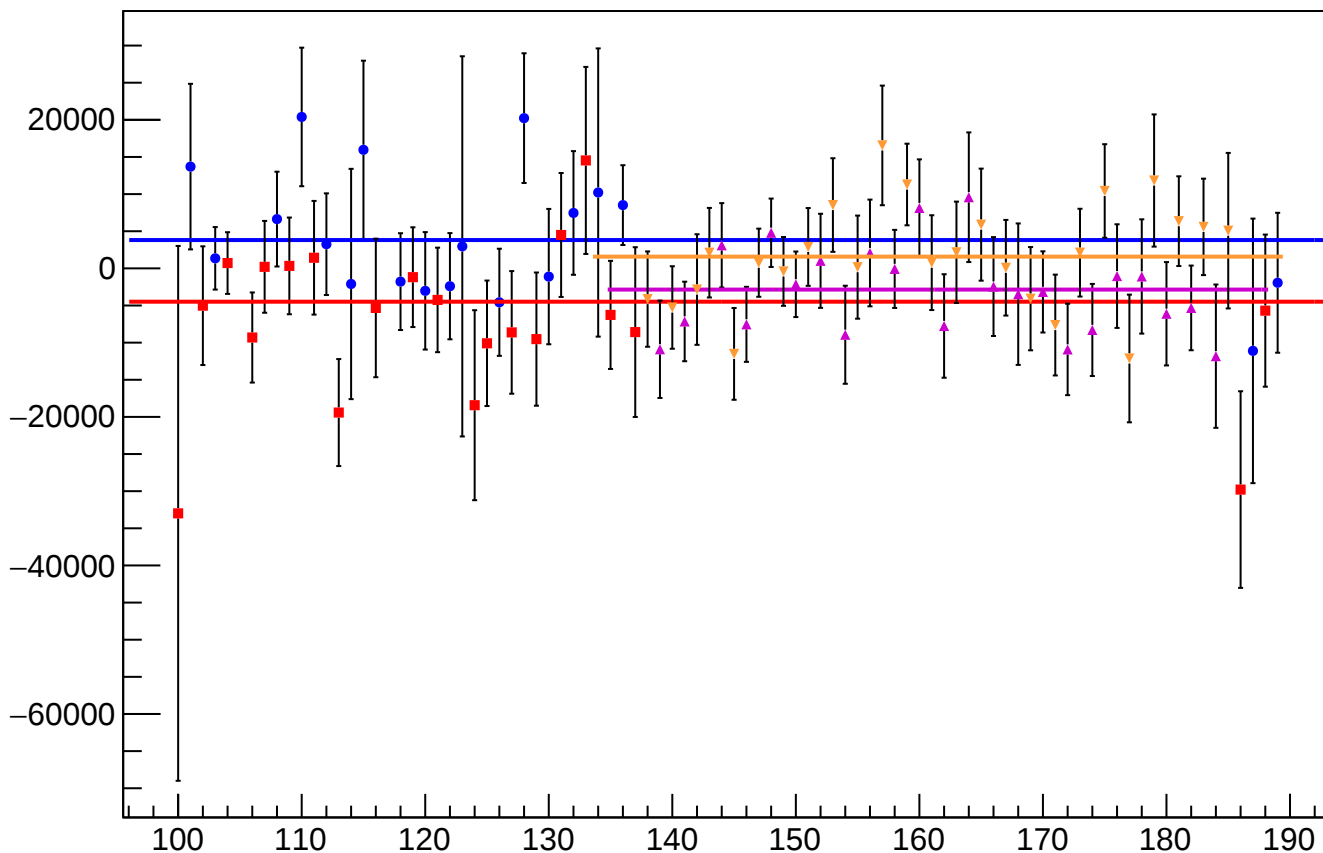
Left In: 4834.872+/-0.831 χ^2/NDF :1218691.8/22

+ sign 4871.010+/-0.808 χ^2/NDF : 1196297.3/26

All: 4881.825+/-0.577 χ^2/NDF : 2680354.2/51

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

asym_atr_avg_mean vs Slug



Right In: 3812.652+/-1813.214 χ^2/NDF : 15.2/18

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

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

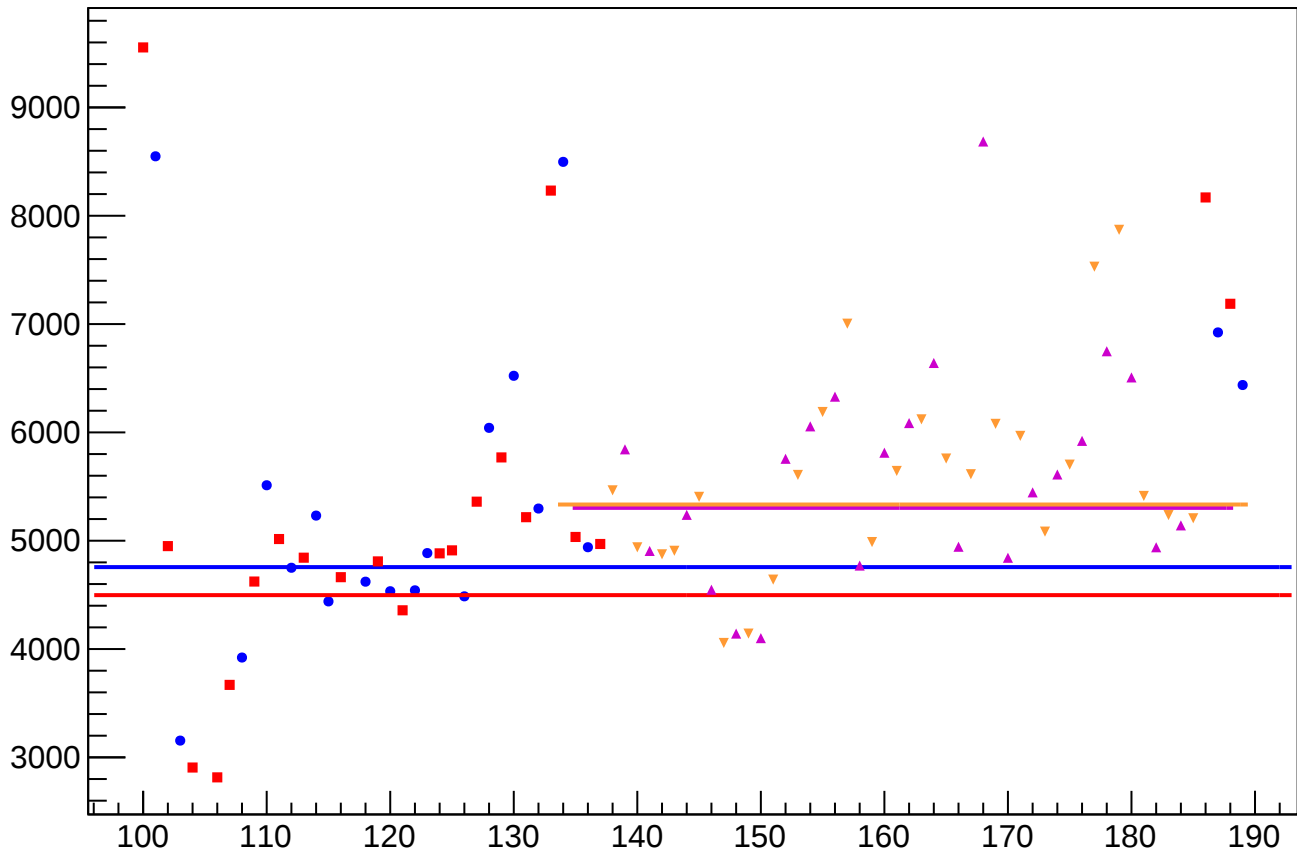
Left In: -2856.480+/-1284.131 χ^2/NDF : 18.1/22

+ sign 2312.125+/-1038.075 χ^2/NDF : 41.4/43

All: -616.645+/-728.231 χ^2/NDF : 94.4/87

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

asym_atr_avg_rms vs Slug



Right In: 4756.442+/-1.282 χ^2/NDF : 875741.1/18

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

Right Out: 4497.660+/-1.187 χ^2/NDF : 1137294.0/20

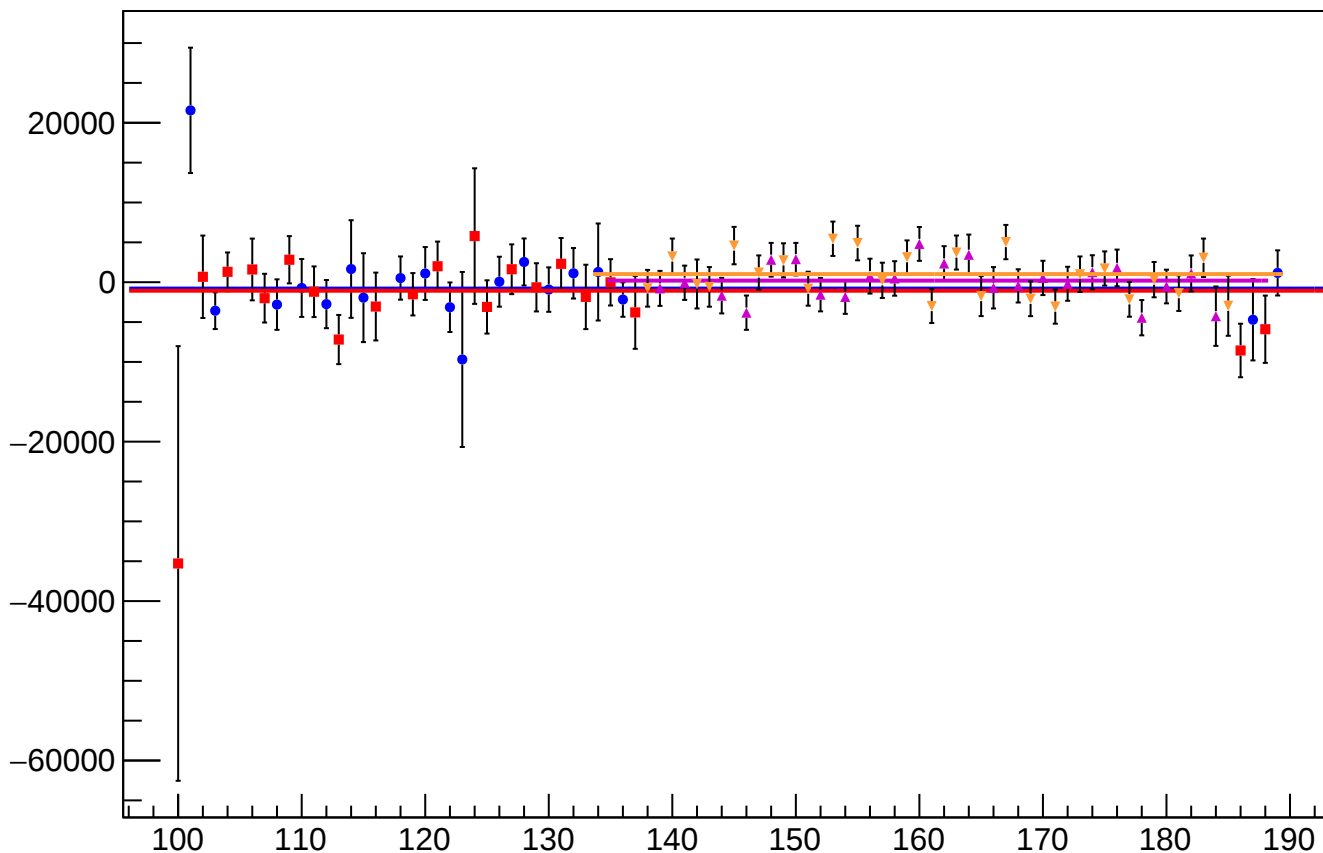
Left In: 5303.321+/-0.908 χ^2/NDF : 960356.0/22

+ sign 5144.847+/-0.734 χ^2/NDF : 1877669.9/43

All: 5074.068+/-0.514 χ^2/NDF : 4284353.0/87

- sign 5005.761+/-0.721 χ^2/NDF : 2388412.2/43

dit_asym_atr_dd_mean vs Slug



Right In: -800.323 ± 758.673 χ^2/NDF : 15.7/18

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

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

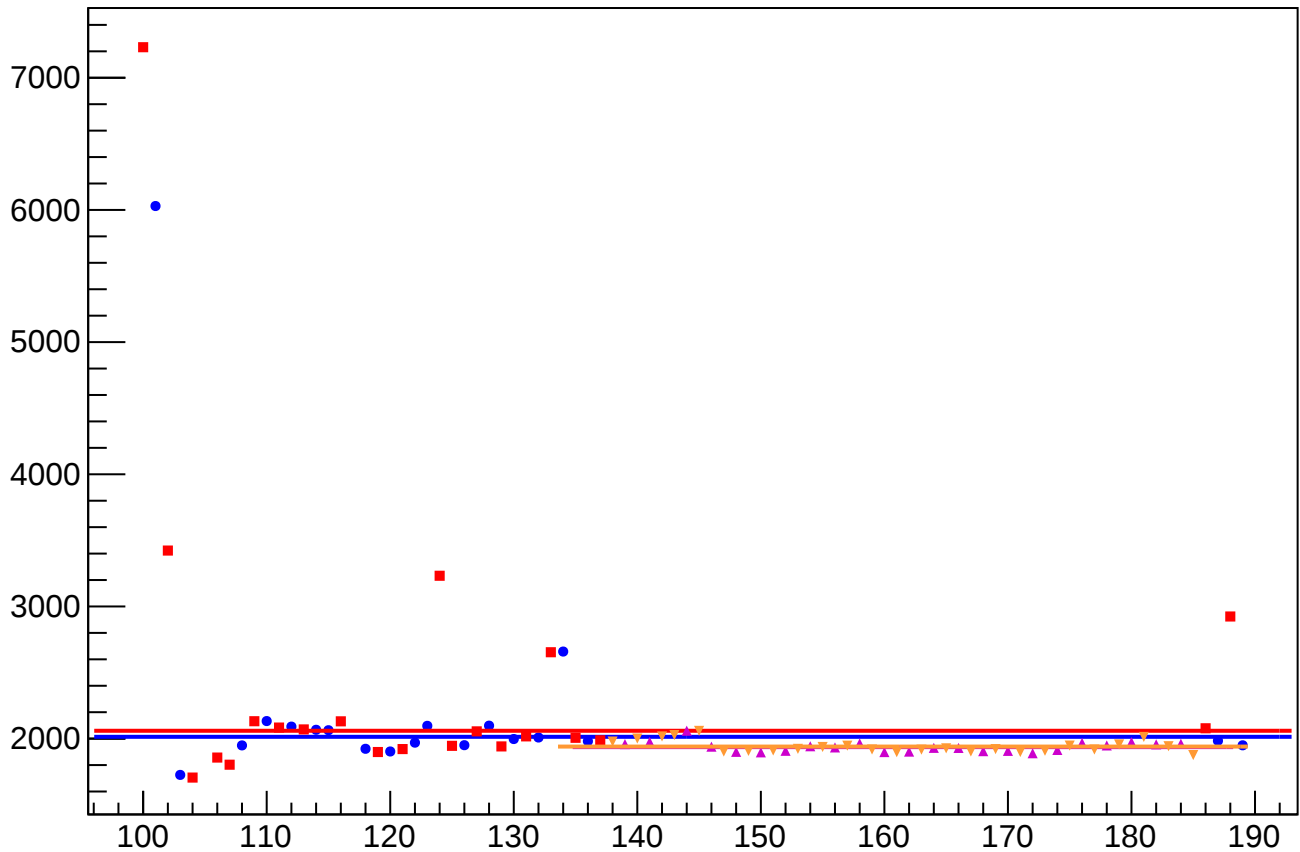
Left In: 201.463 ± 461.744 χ^2/NDF : 23.9/22

+ sign 541.365 ± 389.118 χ^2/NDF : 55.1/43

All: 200.155 ± 276.508 χ^2/NDF : 102.4/87

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

dit_asym_atr_dd_rms vs Slug



Right In: 2013.795 $\pm$ 0.536 χ^2 /NDF: 589050.8/18

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

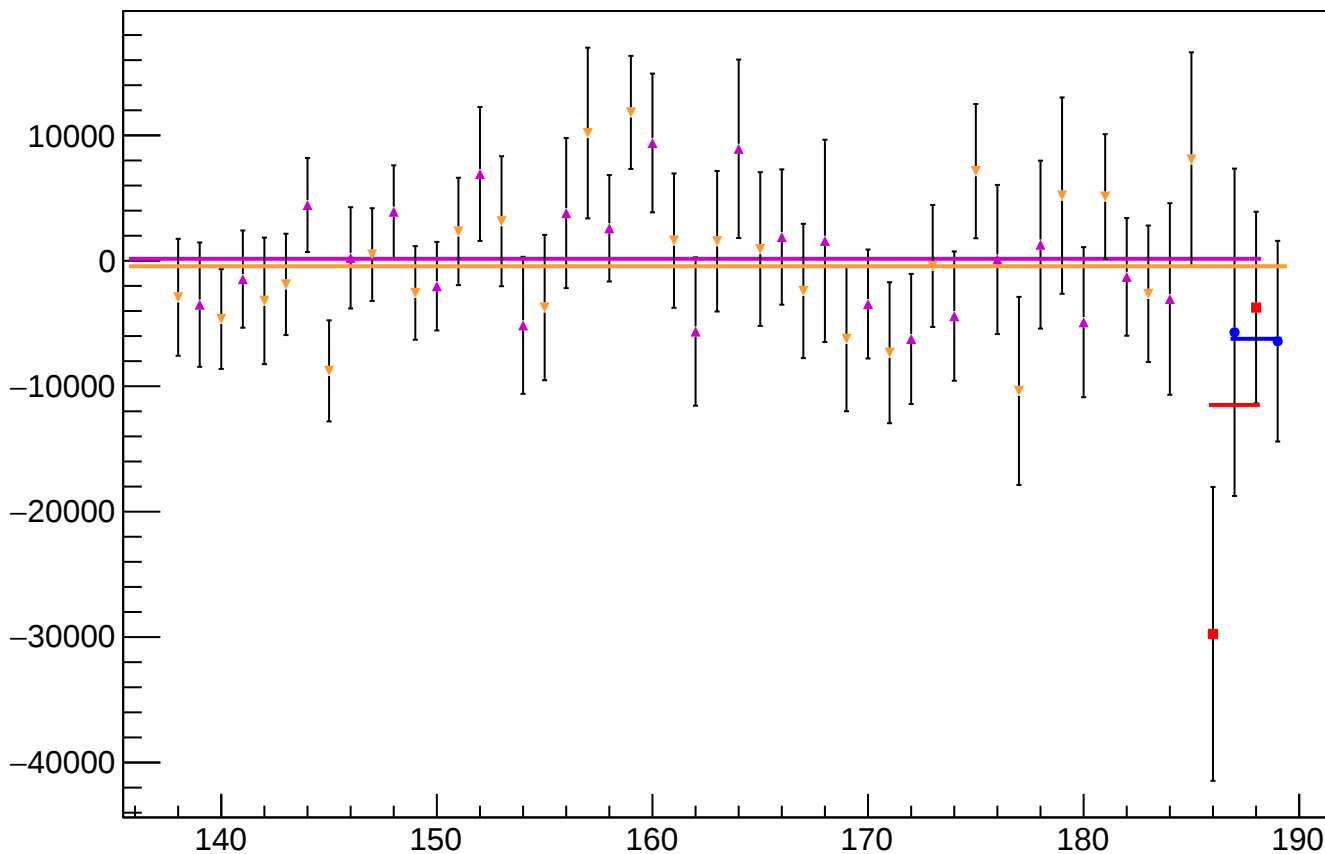
Left In: 1935.823 $\pm$ 0.327 χ^2 /NDF:13548.9/22

+ sign 1959.372 $\pm$ 0.275 χ^2 /NDF: 621734.6/43

All: 1964.622 $\pm$ 0.195 χ^2 /NDF: 1134639.8/87

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

asym_atr_dd_correction_mean vs Slug



Right In: -6216.411+/-6820.307 χ^2/NDF : 0.0/1

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

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

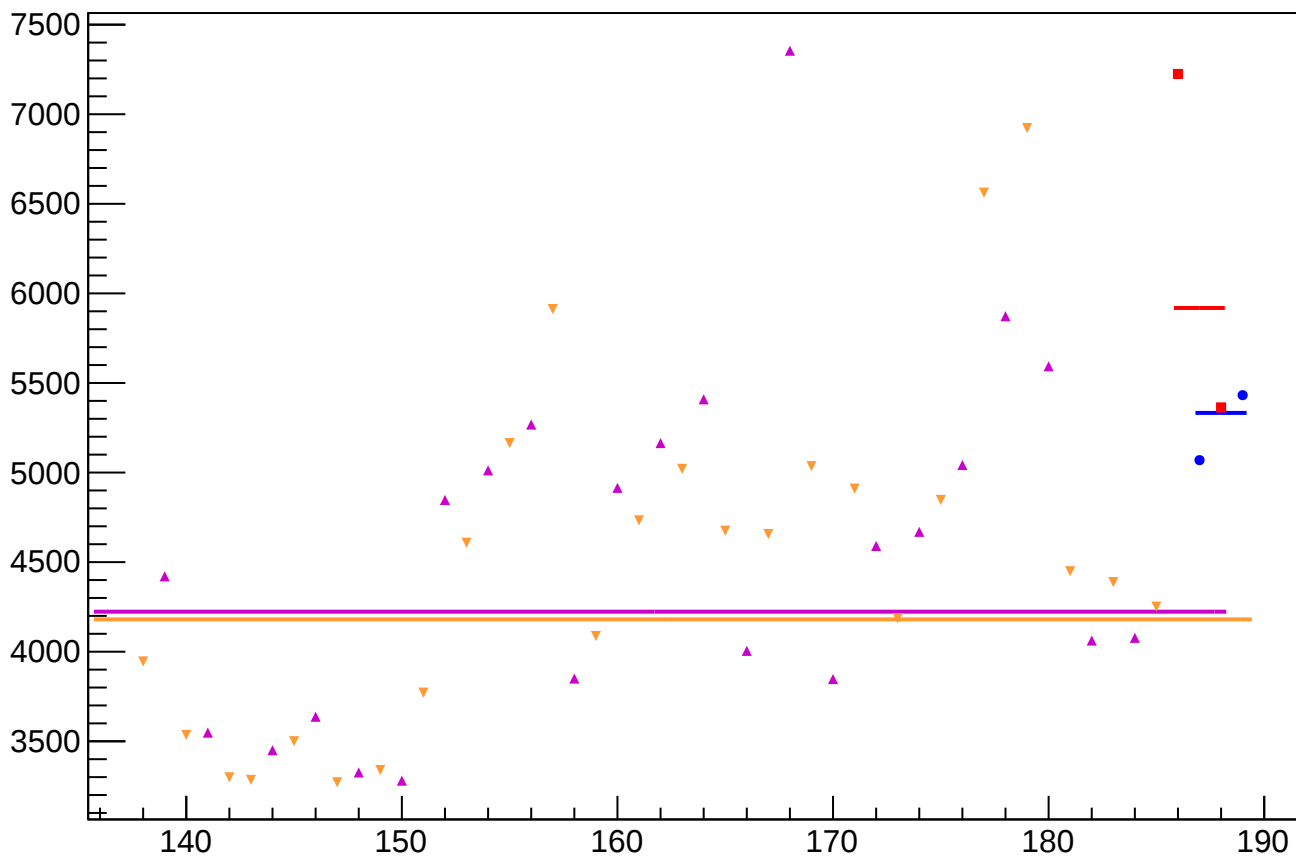
Left In: 163.422+/-1028.720 χ^2/NDF : 16.1/22

+ sign -554.076+/-990.491 χ^2/NDF : 27.9/26

All: -347.457+/-709.119 χ^2/NDF : 50.8/51

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

asym_atr_dd_correction_rms vs Slug



Right In: 5332.912 $\pm$ 4.823 χ^2 /NDF: 1122.1/1

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

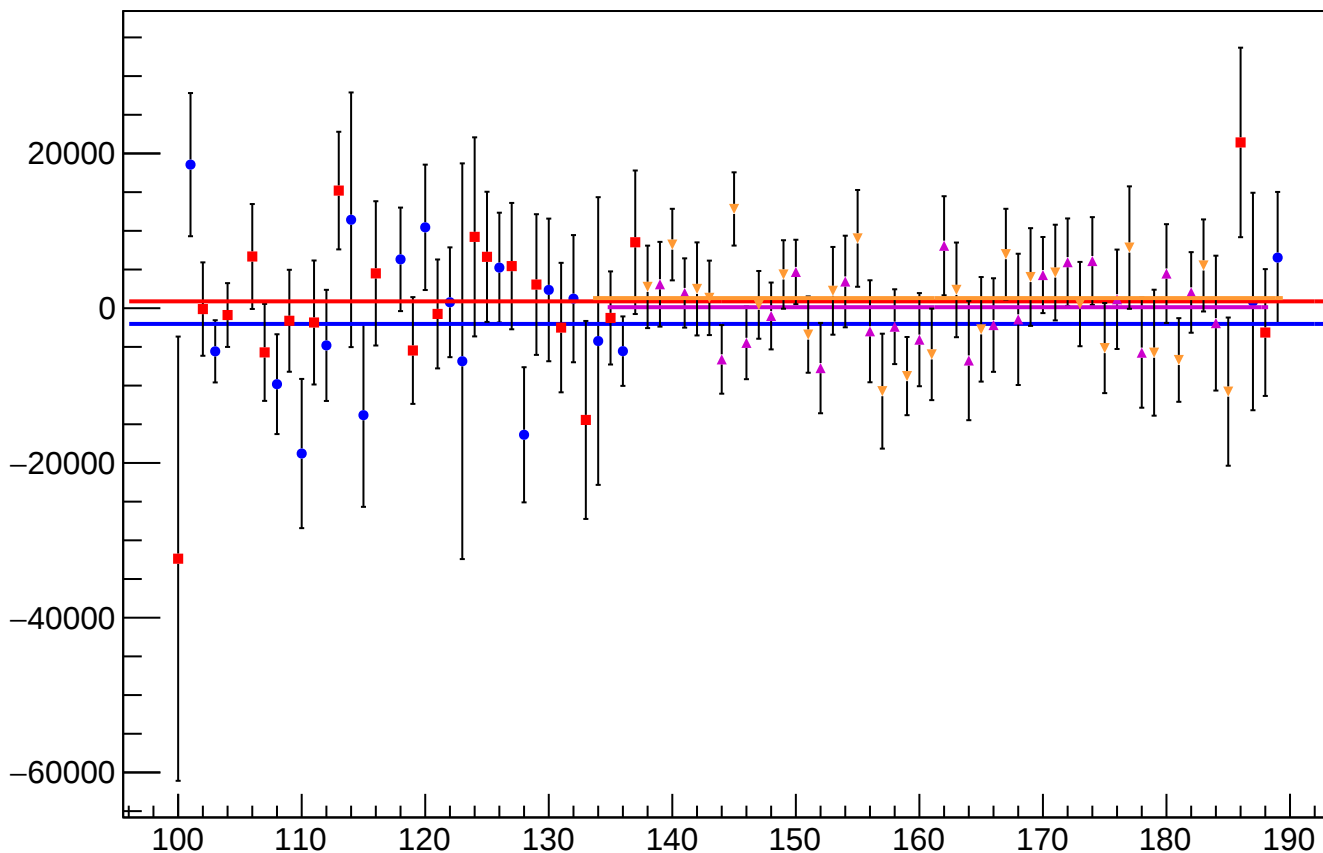
Left In: 4223.398 $\pm$ 0.727 χ^2 /NDF: 1346399.1/22

+ sign 4204.705 $\pm$ 0.700 χ^2 /NDF: 1433729.6/26

All: 4234.643 $\pm$ 0.501 χ^2 /NDF: 2956199.4/51

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

asym_atr_dd_mean vs Slug



Right In: -2030.611 ± 1744.710 χ^2/NDF : 22.0/18

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

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

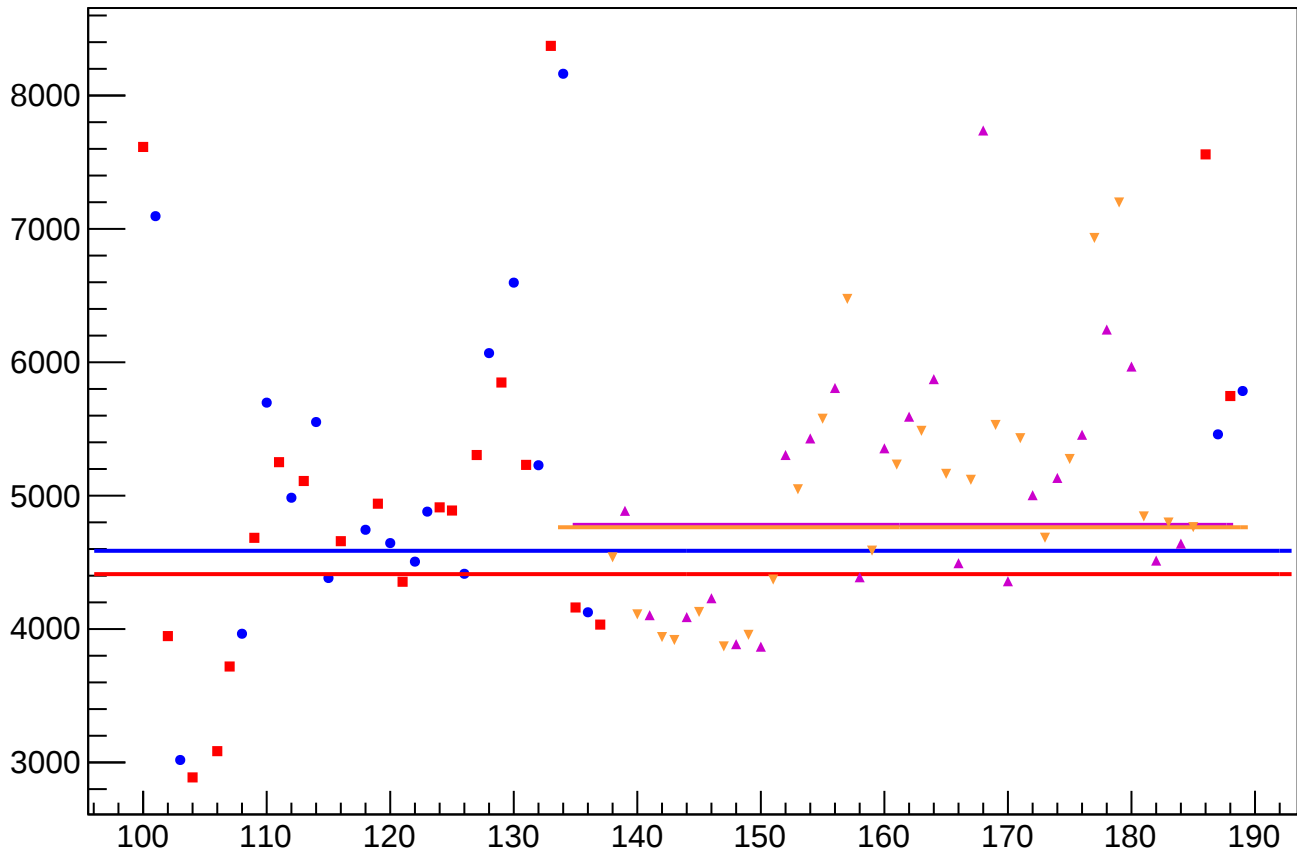
Left In: 131.428 ± 1157.282 χ^2/NDF : 14.9/22

+ sign 318.556 ± 949.405 χ^2/NDF : 52.7/43

All: 350.516 ± 669.974 χ^2/NDF : 82.6/87

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

asym_atr_dd_rms vs Slug



Right In: 4586.674+/-1.234 χ^2/NDF : 820651.0/18

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

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

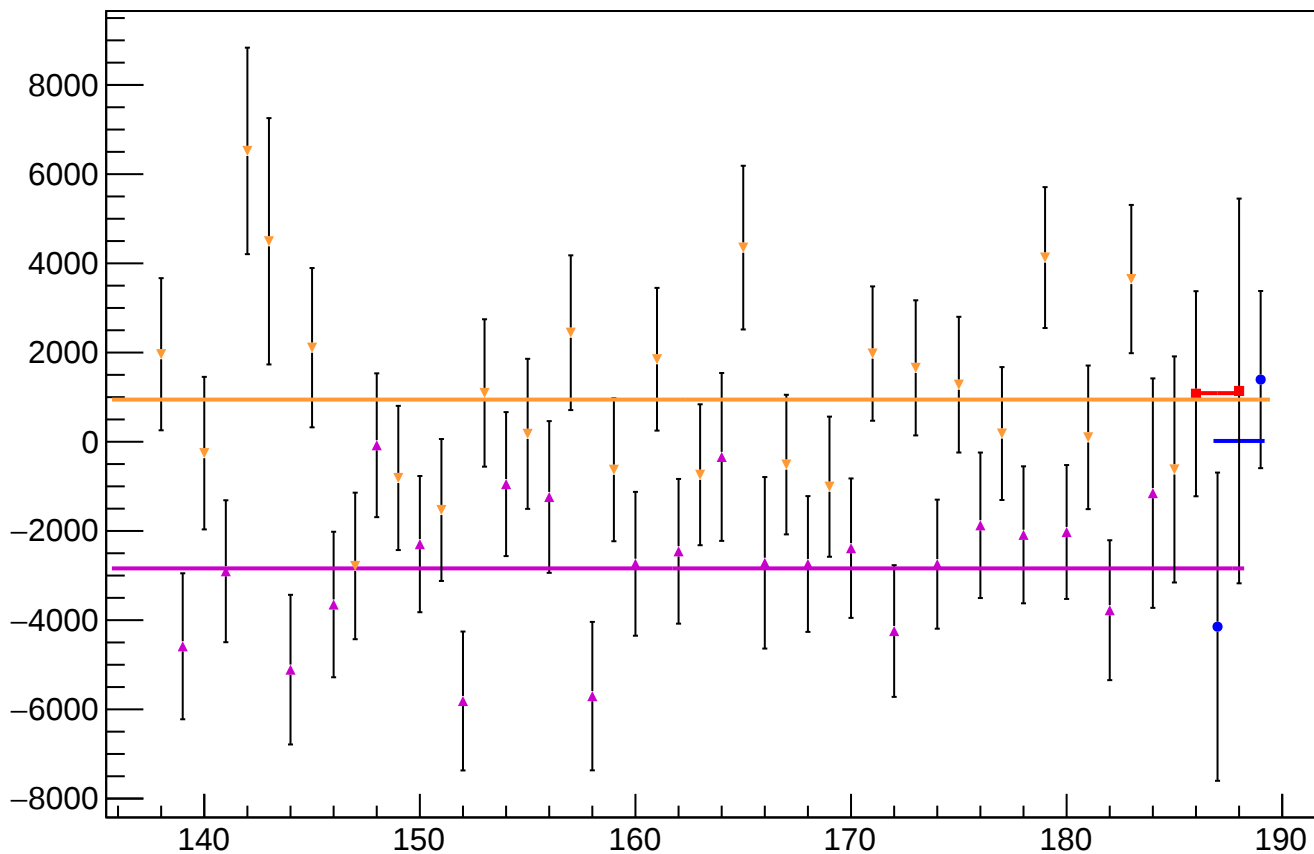
Left In: 4781.172+/-0.818 χ^2/NDF : 951542.2/22

+ sign 4710.921+/-0.671 χ^2/NDF : 1776917.5/43

All: 4684.066+/-0.473 χ^2/NDF : 3766111.0/87

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

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 18.160 ± 1721.932 $\chi^2/\text{NDF}: 1.9/1$

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

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

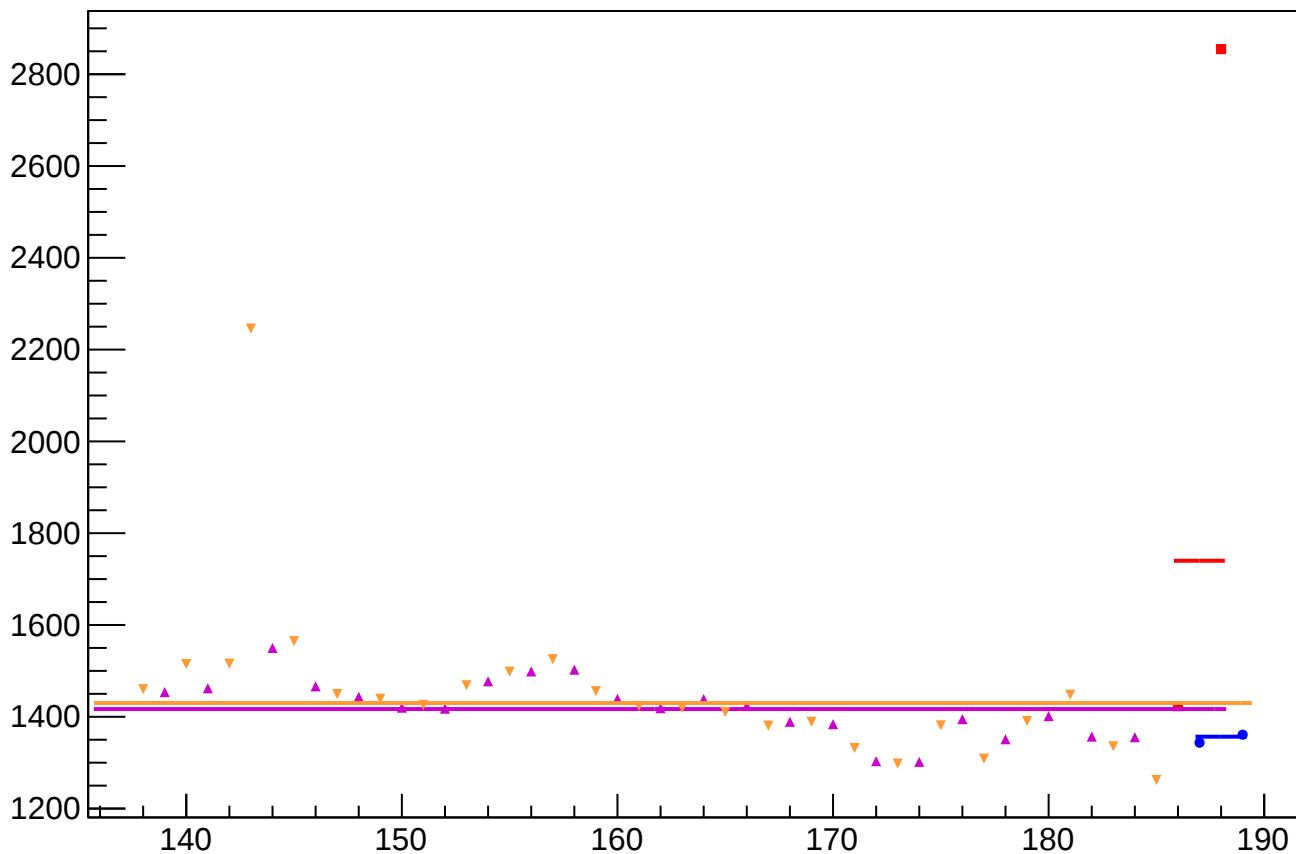
Left In: -2839.506 ± 338.801 $\chi^2/\text{NDF}: 19.6/22$

+ sign 911.558 ± 329.536 $\chi^2/\text{NDF}: 37.3/26$

All: -885.200 ± 234.640 $\chi^2/\text{NDF}: 120.9/51$

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

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1356.627+/-1.218 χ^2/NDF : 38.3/1

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

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

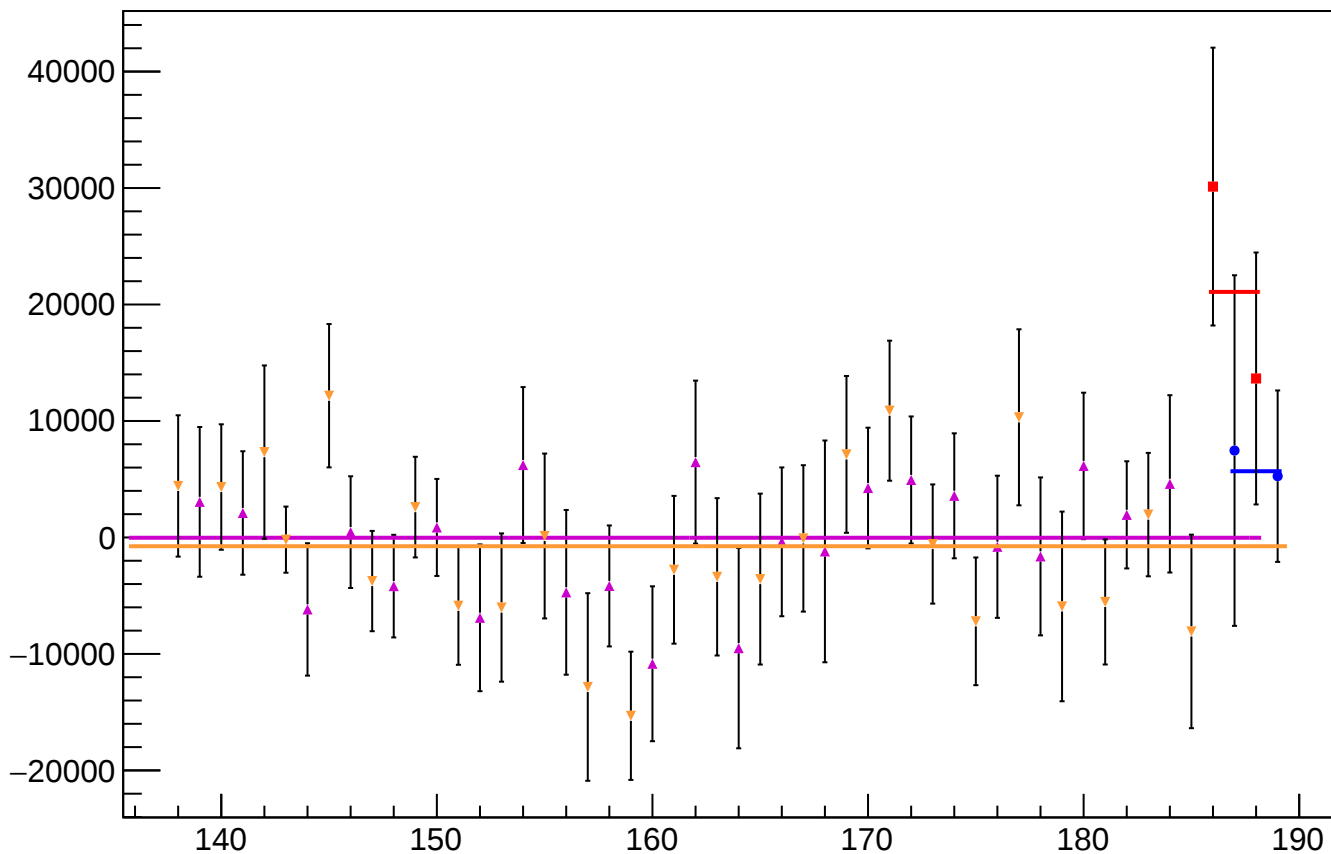
Left In: 1416.873+/-0.240 χ^2/NDF : 65421.7/22

+ sign 1427.260+/-0.233 χ^2/NDF : 268356.1/26

All: 1426.460+/-0.166 χ^2/NDF : 554749.0/51

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

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 5686.070 $\pm$ 6611.052 χ^2 /NDF: 0.0/1

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

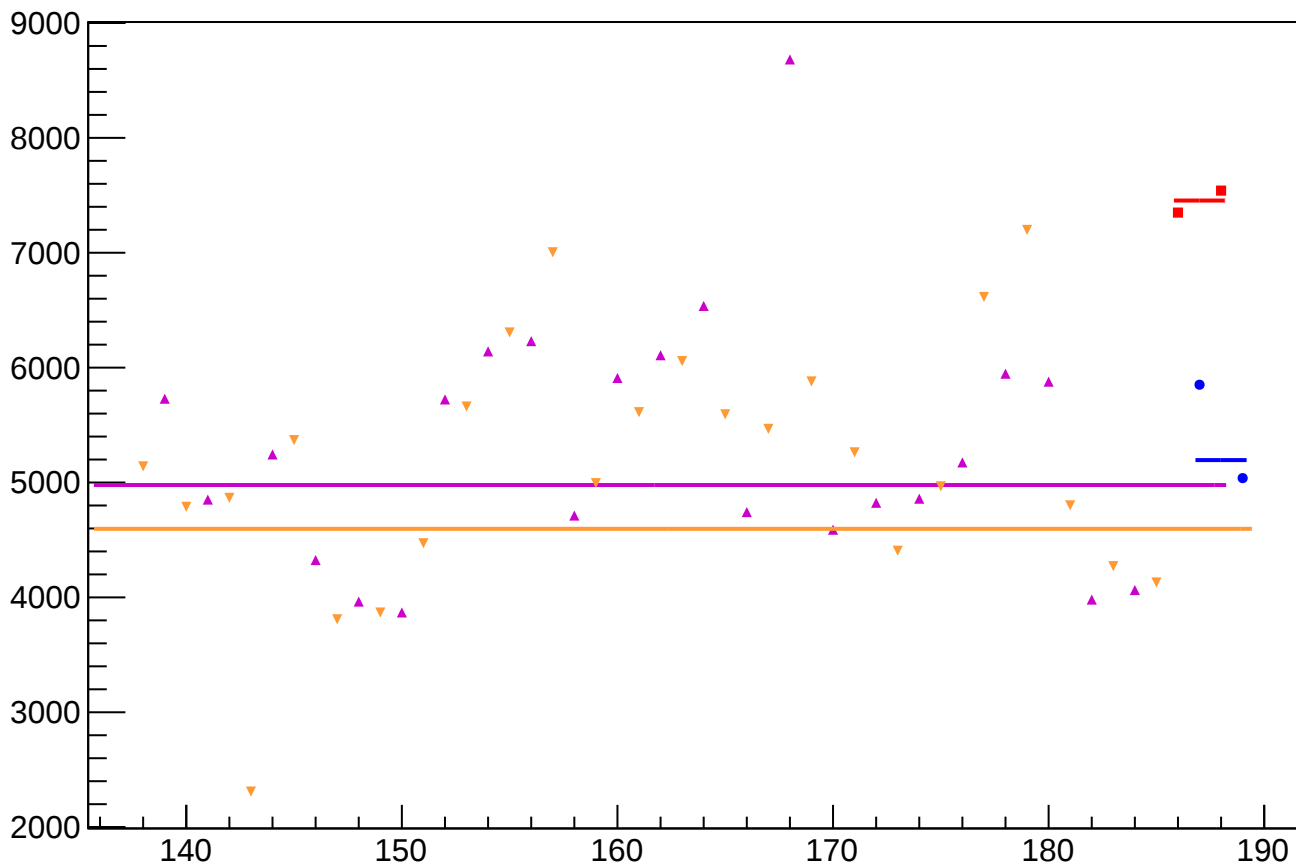
Left In: -25.920 $\pm$ 1208.952 χ^2 /NDF:13.9/22

+ sign -574.753 $\pm$ 1103.112 χ^2 /NDF: 31.5/26

All: -106.213 $\pm$ 810.689 χ^2 /NDF: 53.7/51

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

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 5195.126+/-4.675 χ^2/NDF : 4708.1/1

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

Right Out: 7454.589+/-5.665 χ^2/NDF : 282.8/1

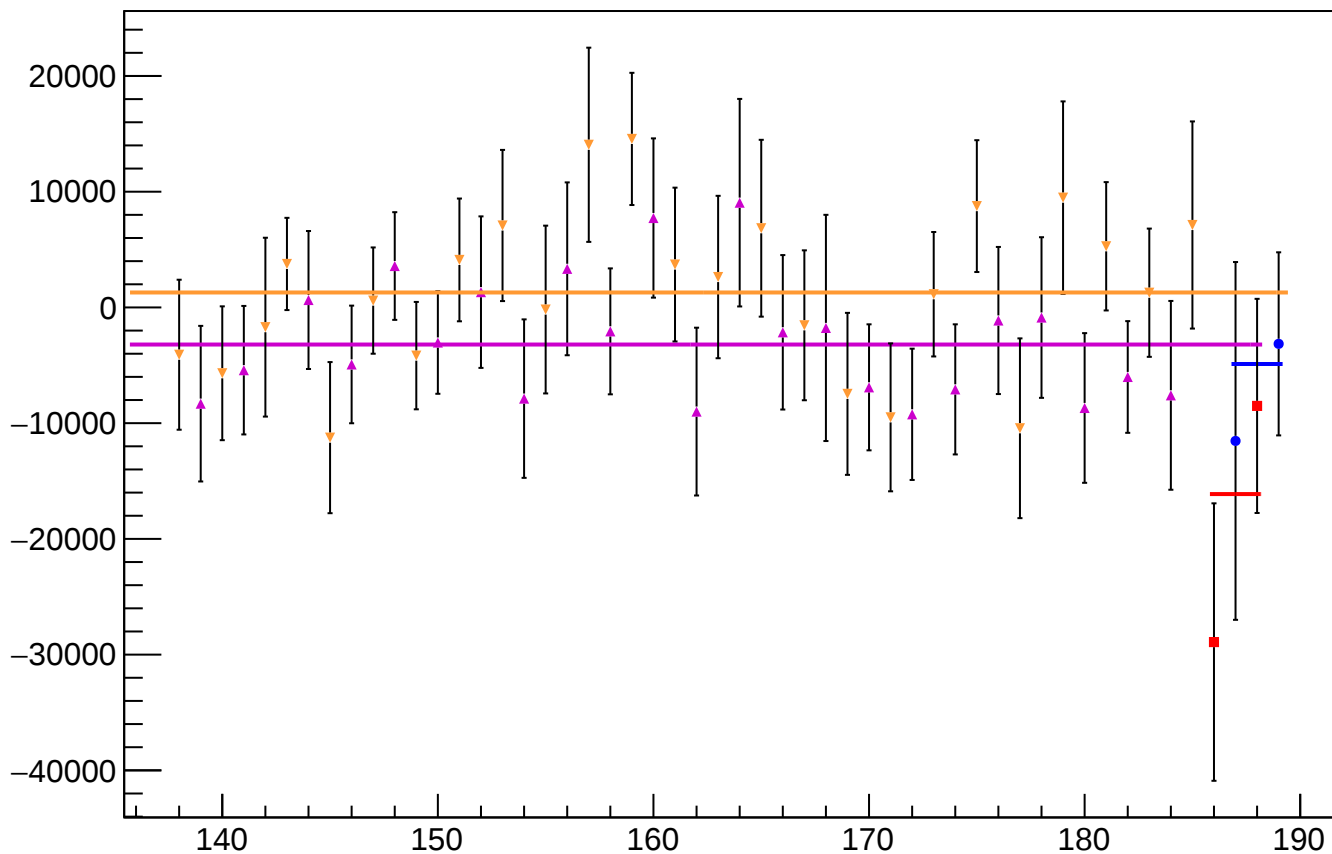
Left In: 4978.135+/-0.855 χ^2/NDF : 1157494.7/22

+ sign 4613.650+/-0.780 χ^2/NDF : 2550018.8/26

All: 4806.635+/-0.573 χ^2/NDF : 4027722.8/53

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

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: -4887.703+/-7041.812 χ^2/NDF : 0.2/1

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

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

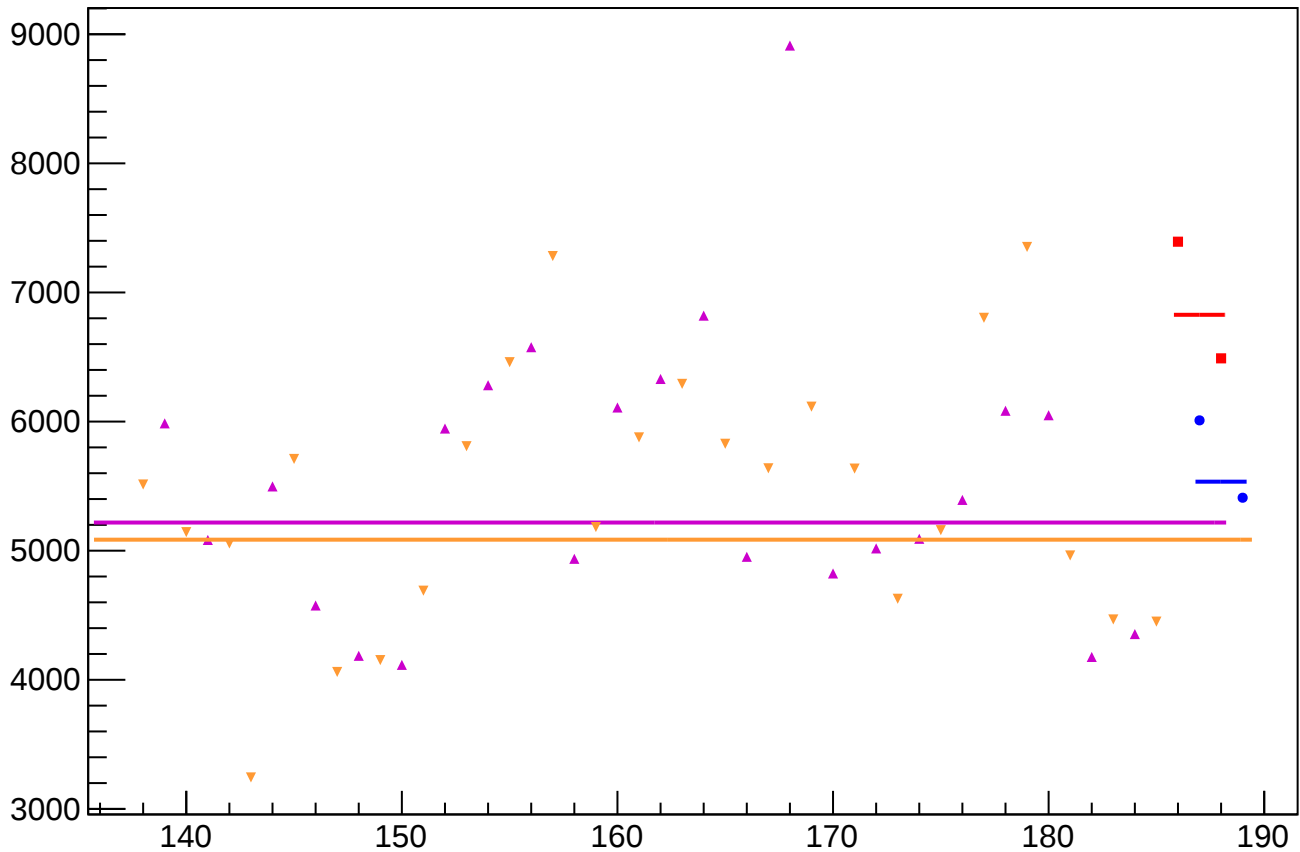
Left In: -3205.363+/-1265.586 χ^2/NDF : 13.9/22

+ sign 1113.368+/-1198.037 χ^2/NDF : 28.8/26

All: -1139.165+/-863.966 χ^2/NDF : 54.9/51

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

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 5534.544+/-4.979 χ^2/NDF : 2381.3/1

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

Right Out: 6827.011+/-5.179 χ^2/NDF : 7119.8/1

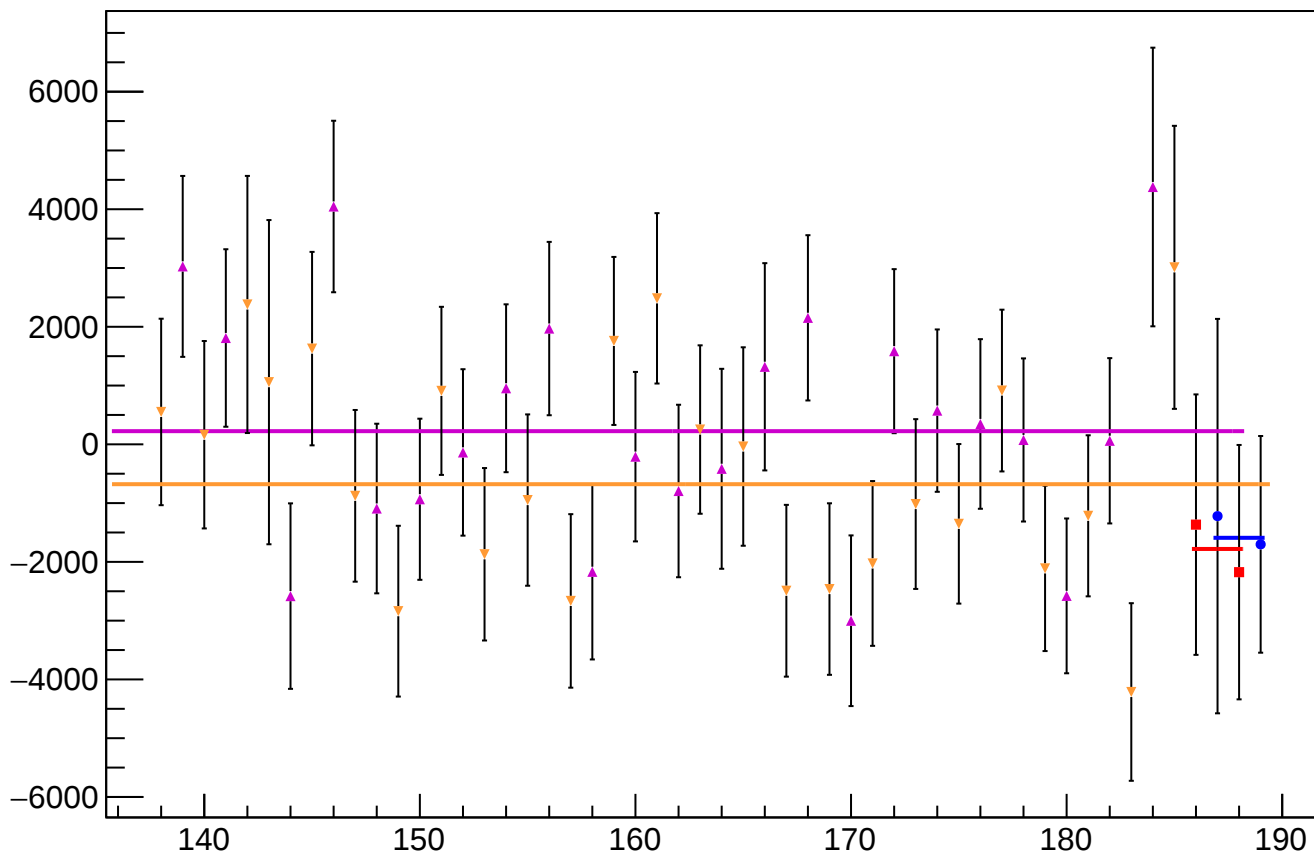
Left In: 5217.971+/-0.895 χ^2/NDF :1058996.1/22

+ sign 5098.310+/-0.847 χ^2/NDF : 1366983.9/26

All: 5178.130+/-0.611 χ^2/NDF : 2545327.2/51

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

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1590.431 $\pm$ 1615.643 χ^2 /NDF: 0.0/1

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

Right Out: -1780.129 $\pm$ 1548.240 χ^2 /NDF: 0.1/1

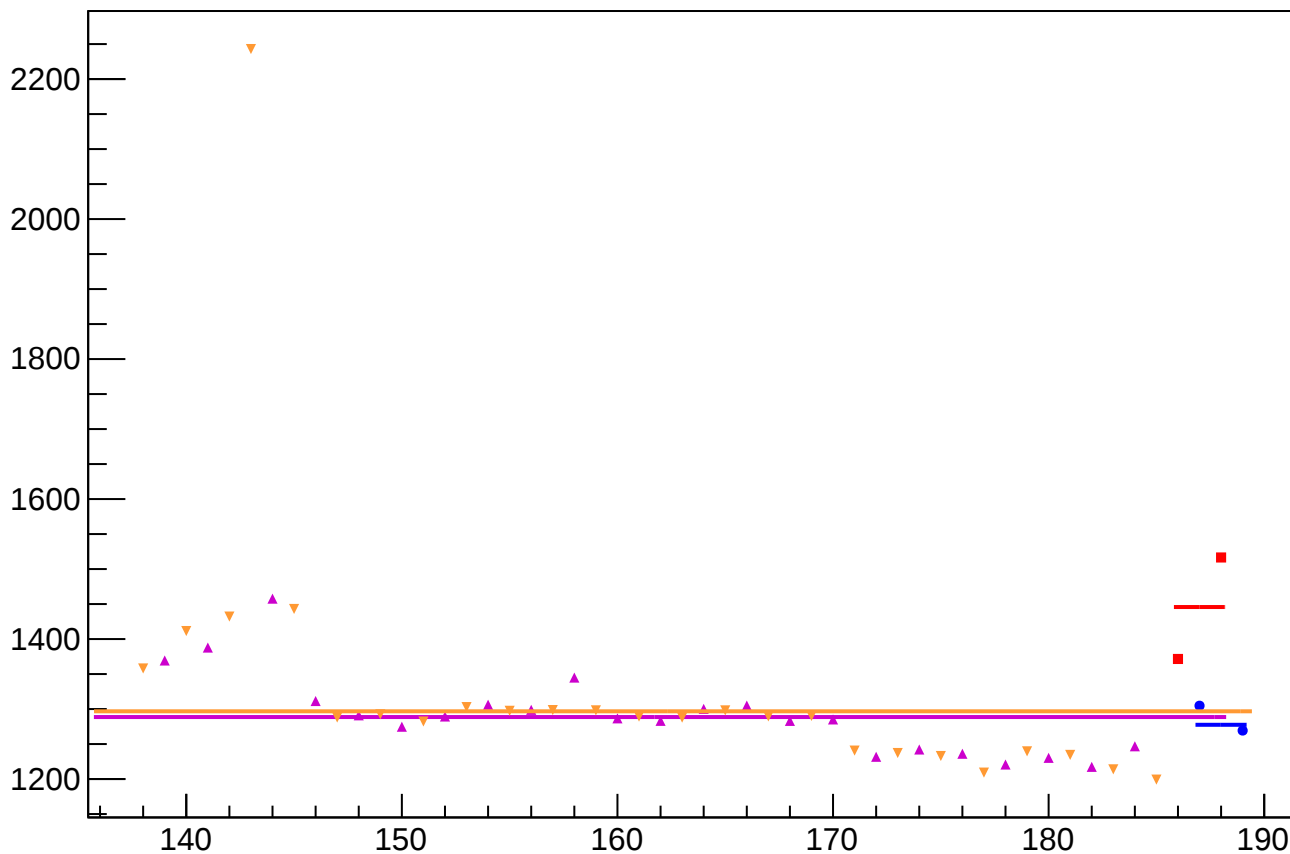
Left In: 224.118 $\pm$ 308.124 χ^2 /NDF:36.9/22

+ sign -709.559 $\pm$ 299.372 χ^2 /NDF: 34.3/26

All: -284.927 $\pm$ 212.680 χ^2 /NDF: 76.9/51

- sign 147.760 $\pm$ 302.197 χ^2 /NDF: 38.5/24

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1277.508 $\pm$ 1.142 χ^2 /NDF: 171.8/1

Left Out: 1296.780 $\pm$ 0.215 χ^2 /NDF: 308532.9/24

Right Out: 1445.748 $\pm$ 1.095 χ^2 /NDF: 4382.5/1

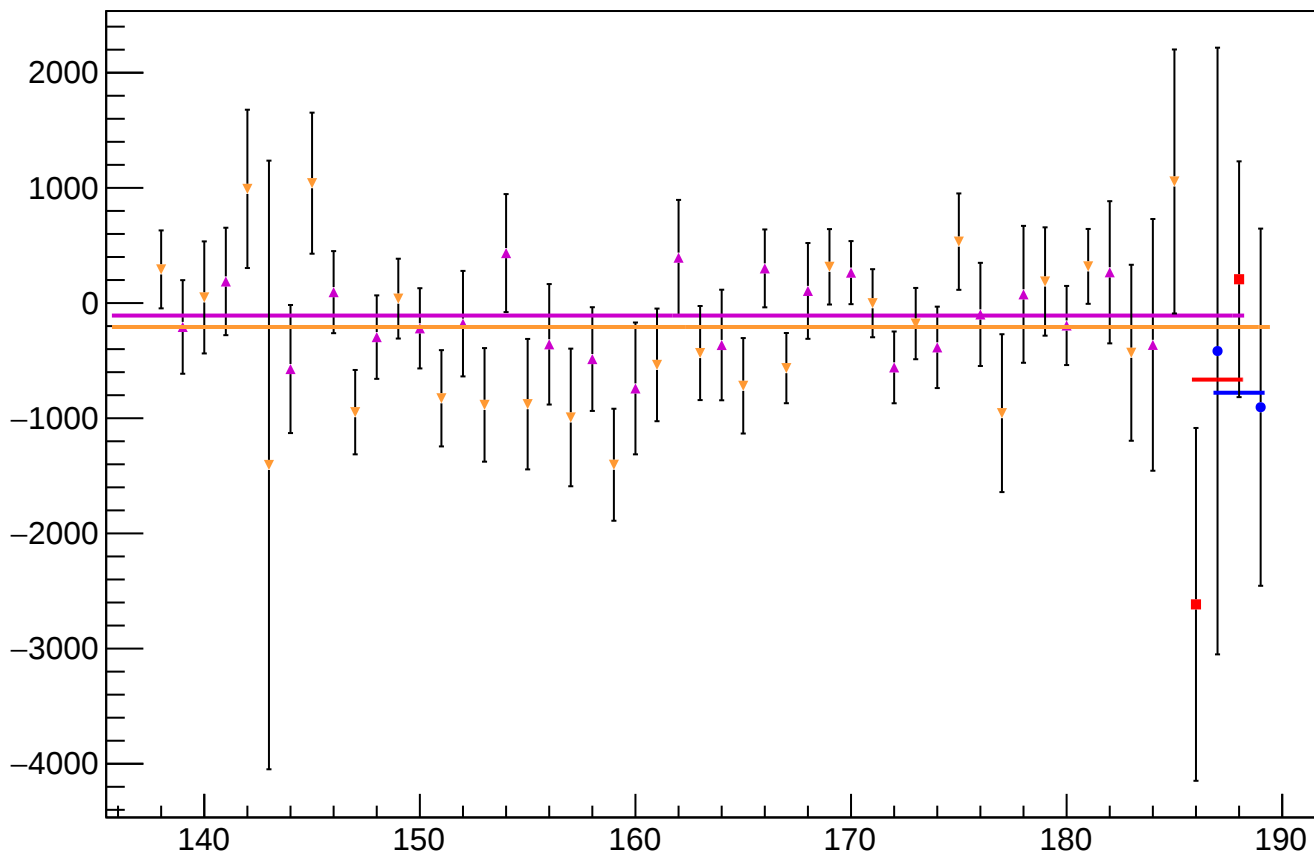
Left In: 1288.577 $\pm$ 0.218 χ^2 /NDF: 64066.8/22

+ sign 1296.119 $\pm$ 0.212 χ^2 /NDF: 308979.5/26

All: 1295.349 $\pm$ 0.150 χ^2 /NDF: 397281.1/51

- sign 1294.565 $\pm$ 0.214 χ^2 /NDF: 88274.9/24

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -778.636 ± 1336.259 χ^2/NDF : 0.0/1

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

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

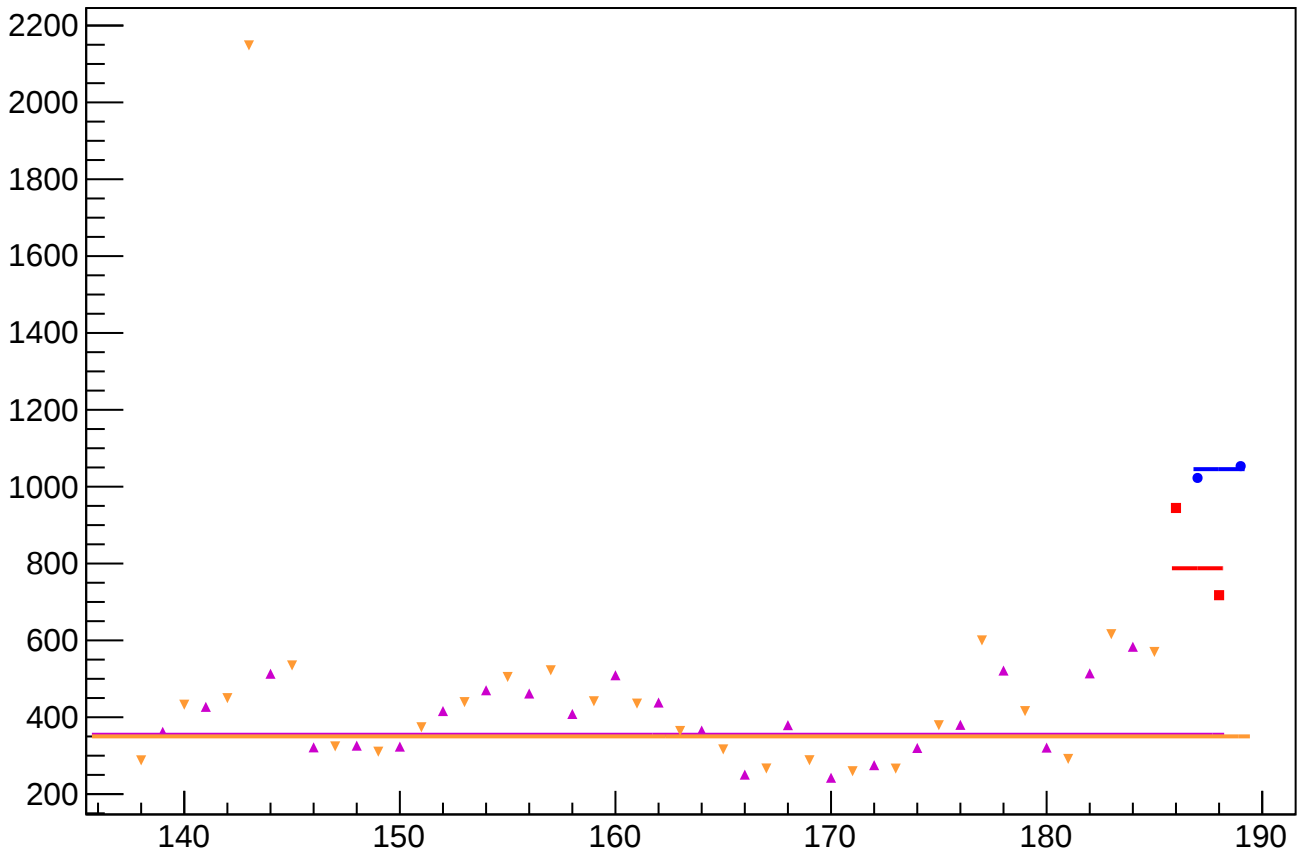
Left In: -108.502 ± 87.013 χ^2/NDF : 13.3/22

+ sign -210.110 ± 85.595 χ^2/NDF : 43.6/26

All: -162.720 ± 60.864 χ^2/NDF : 60.3/51

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

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 1045.603 $\pm$ 0.945 χ^2 /NDF: 202.7/1

Left Out: 350.207 $\pm$ 0.061 χ^2 /NDF:3098227.1/24

Right Out: 787.684 $\pm$ 0.602 χ^2 /NDF: 30353.5/1

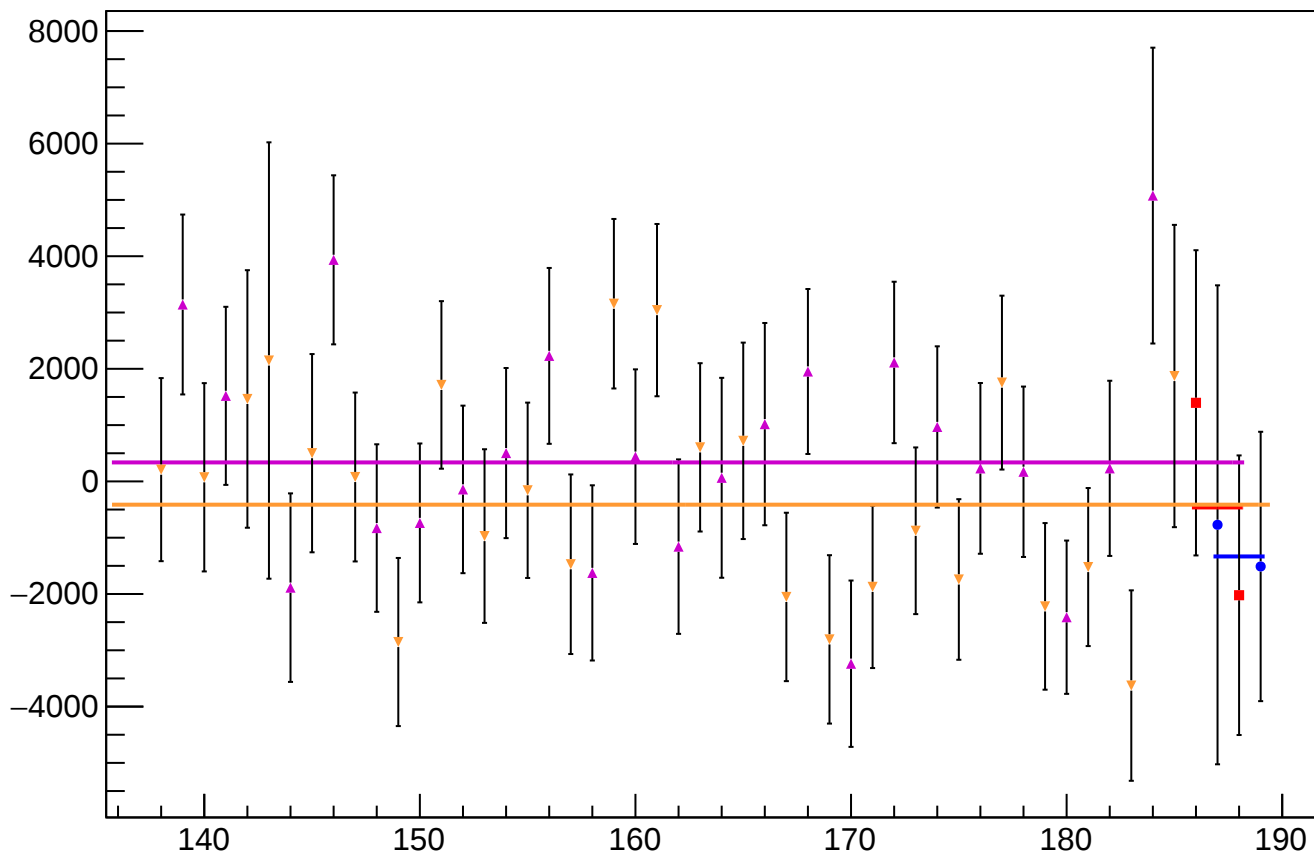
Left In: 354.460 $\pm$ 0.062 χ^2 /NDF:1794499.3/22

+ sign 353.060 $\pm$ 0.061 χ^2 /NDF: 3637850.8/26

All: 355.968 $\pm$ 0.043 χ^2 /NDF: 5980287.0/51

- sign 358.942 $\pm$ 0.061 χ^2 /NDF: 2337766.6/24

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1333.108+/-2085.300 χ^2/NDF : 0.0/1

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

Right Out: -462.391+/-1831.085 χ^2/NDF : 0.9/1

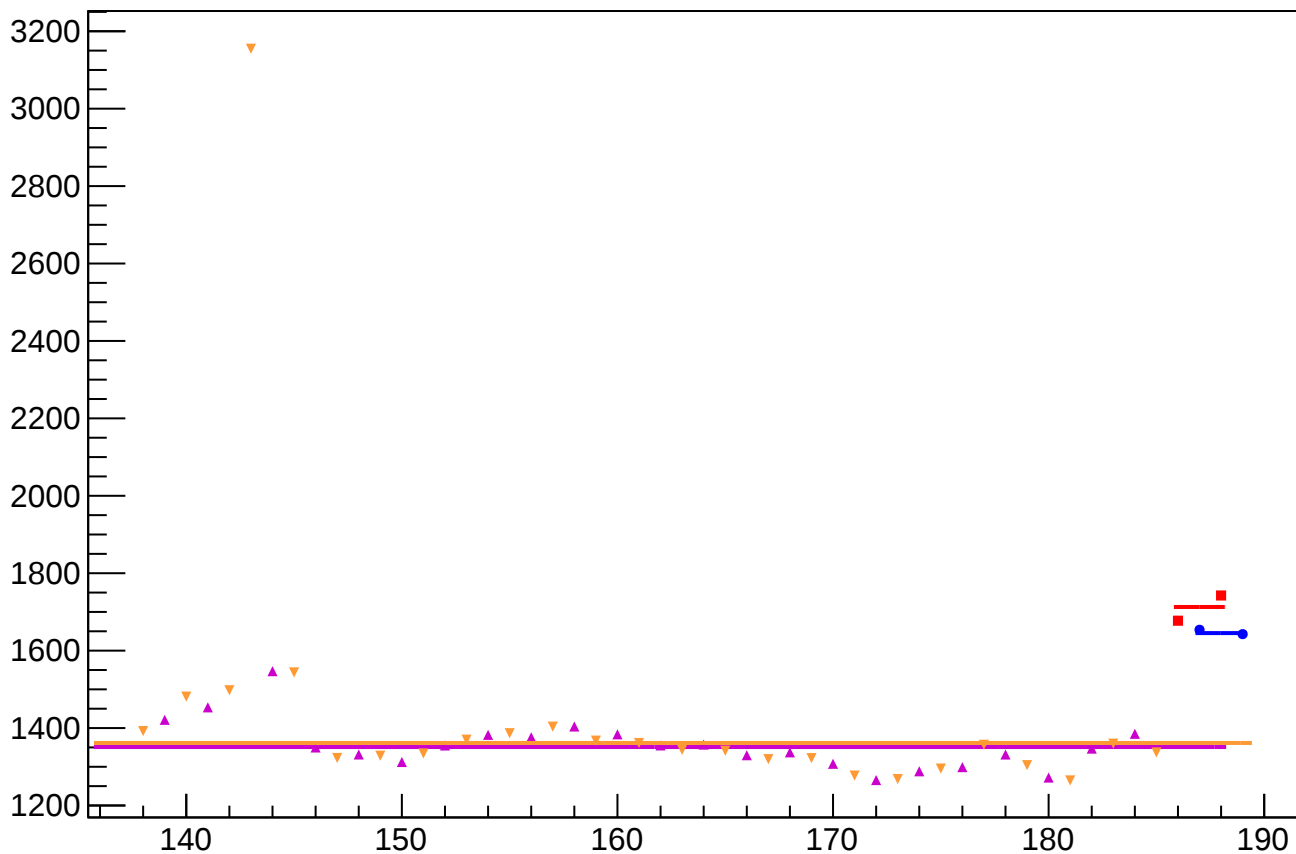
Left In: 337.193+/-323.023 χ^2/NDF : 32.8/22

+ sign -434.654+/-316.951 χ^2/NDF : 33.0/26

All: -62.163+/-224.527 χ^2/NDF : 69.6/51

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

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1645.331+/-1.475 χ^2/NDF : 10.6/1

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

Right Out: 1712.759+/-1.295 χ^2/NDF : 628.3/1

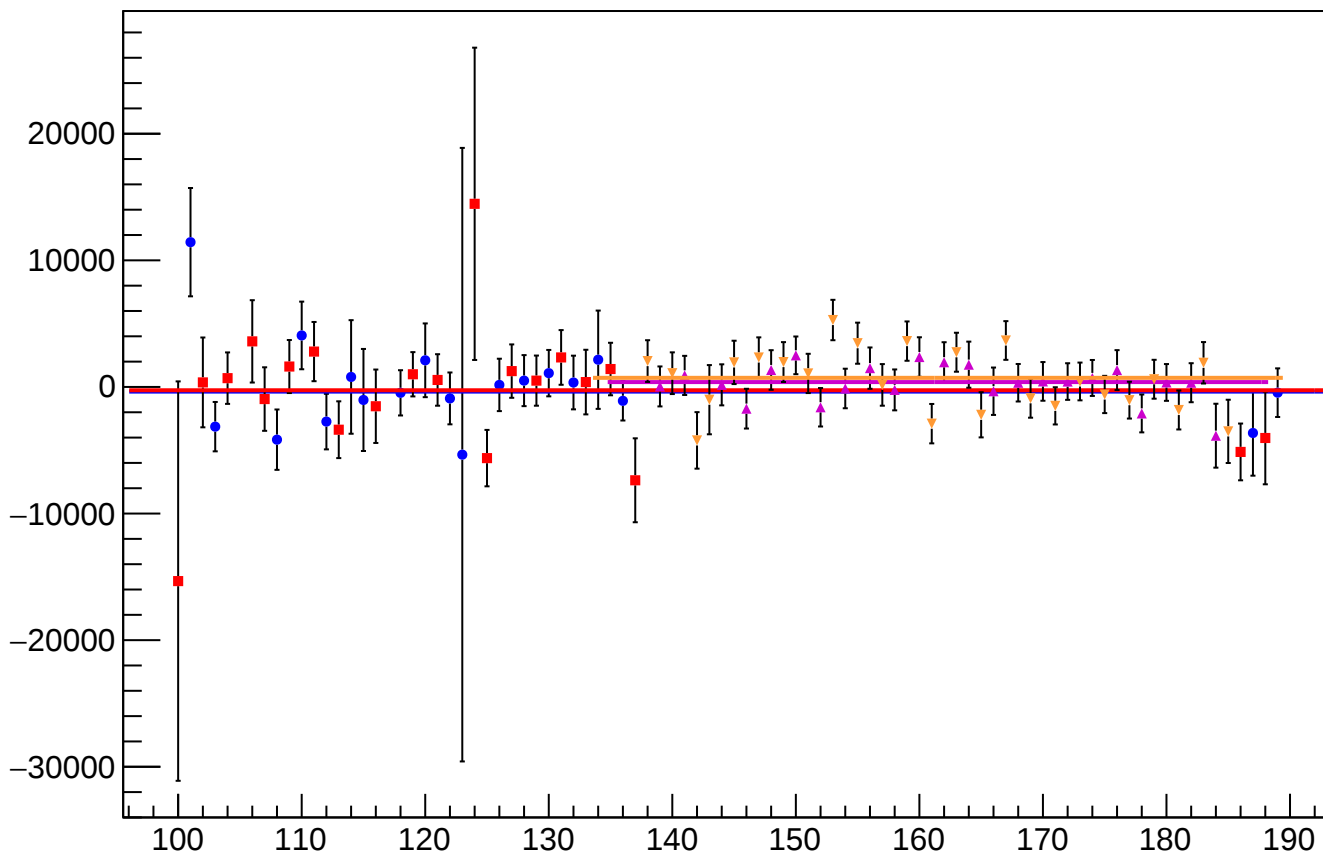
Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

+ sign 1368.067+/-0.224 χ^2/NDF : 544073.9/26

All: 1365.010+/-0.159 χ^2/NDF : 689756.7/51

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

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -366.750 ± 537.251 χ^2/NDF : 19.6/18

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

Right Out: -262.105 ± 532.293 χ^2/NDF : 28.4/20

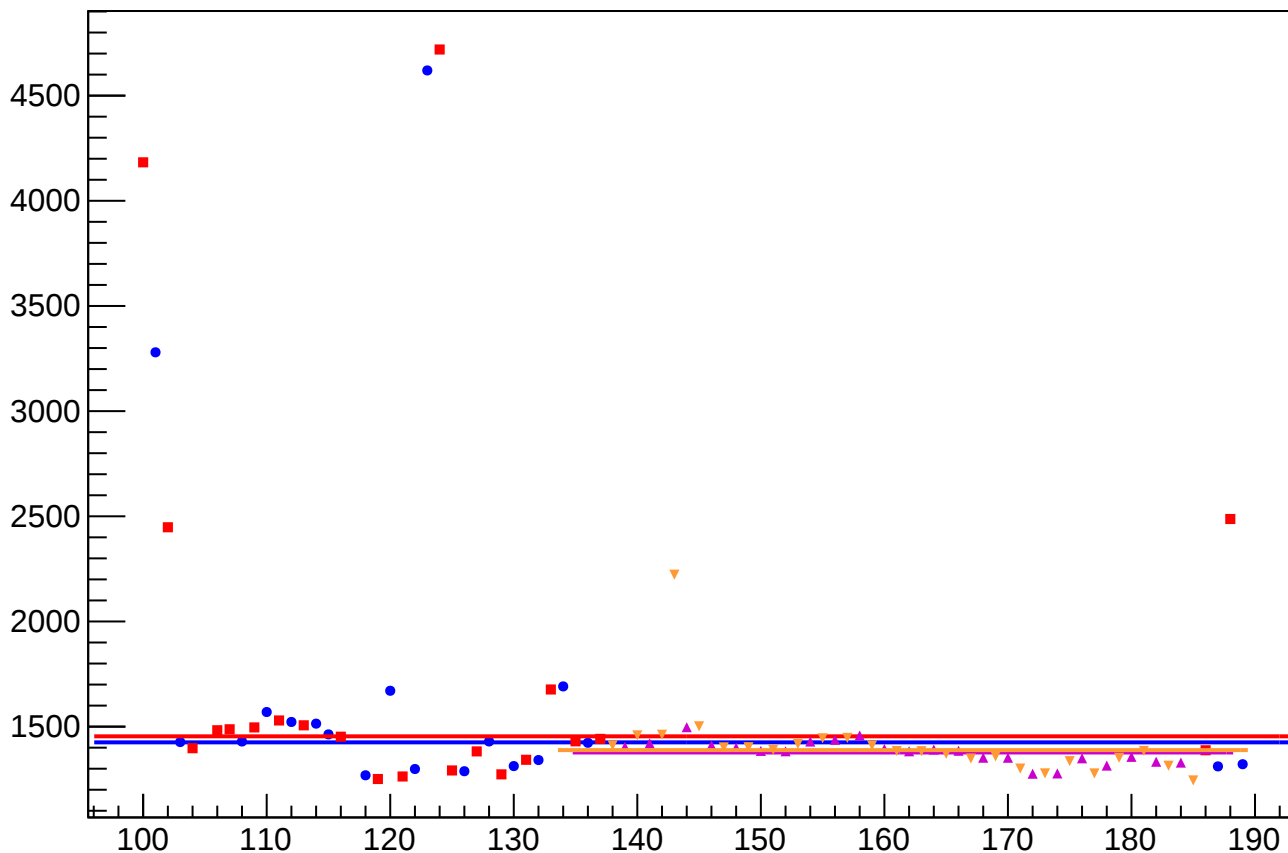
Left In: 384.154 ± 329.218 χ^2/NDF : 16.1/22

+ sign 427.678 ± 278.639 χ^2/NDF : 70.8/43

All: 317.049 ± 197.504 χ^2/NDF : 116.6/87

- sign 205.342 ± 279.992 χ^2/NDF : 45.5/43

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1425.275 $\pm$ 0.380 χ^2 /NDF: 495551.1/18

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

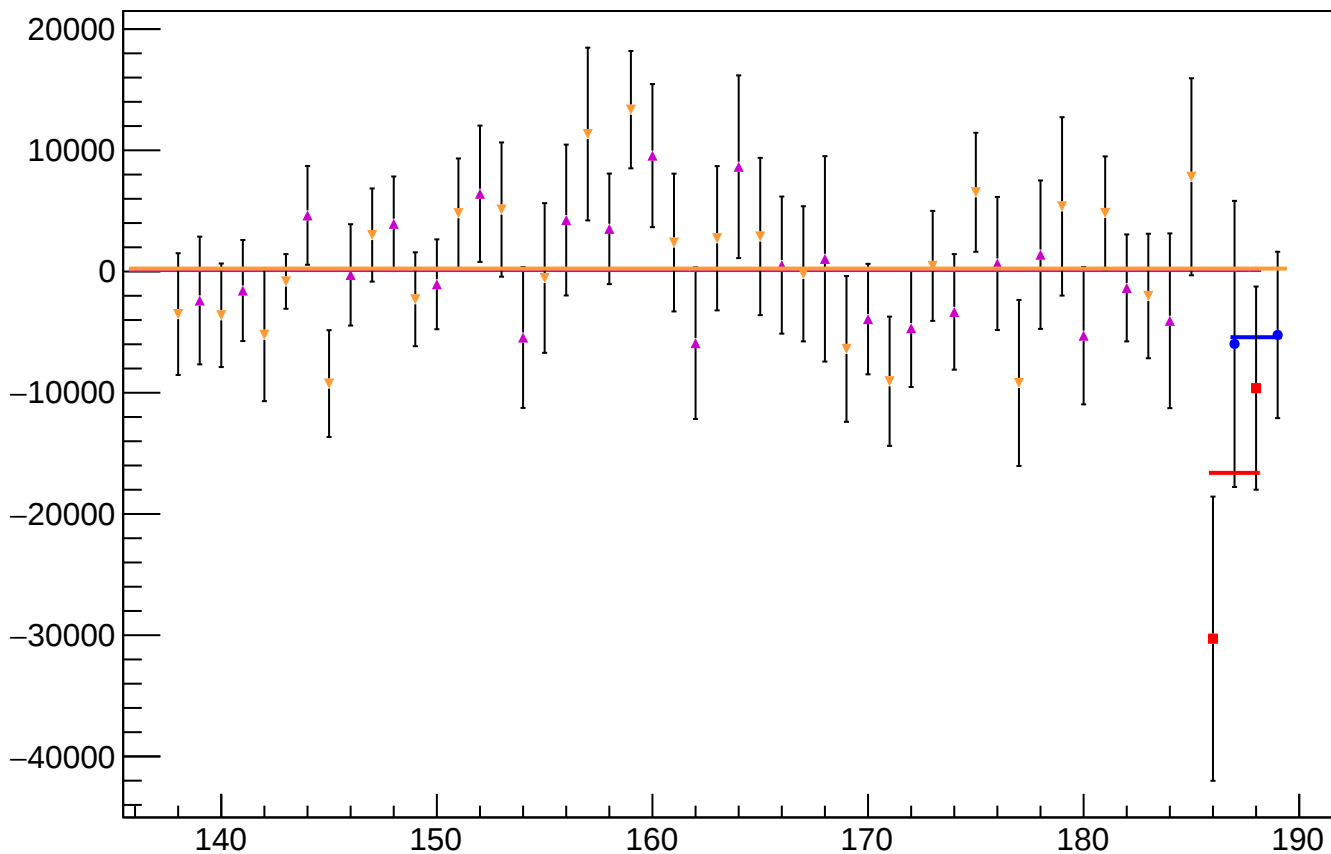
Left In: 1377.178 $\pm$ 0.233 χ^2 /NDF: 52477.1/22

+ sign 1398.299 $\pm$ 0.197 χ^2 /NDF: 756374.0/43

All: 1398.364 $\pm$ 0.140 χ^2 /NDF: 1458418.0/87

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

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -5417.677+/-5933.037 χ^2/NDF : 0.0/1

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

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

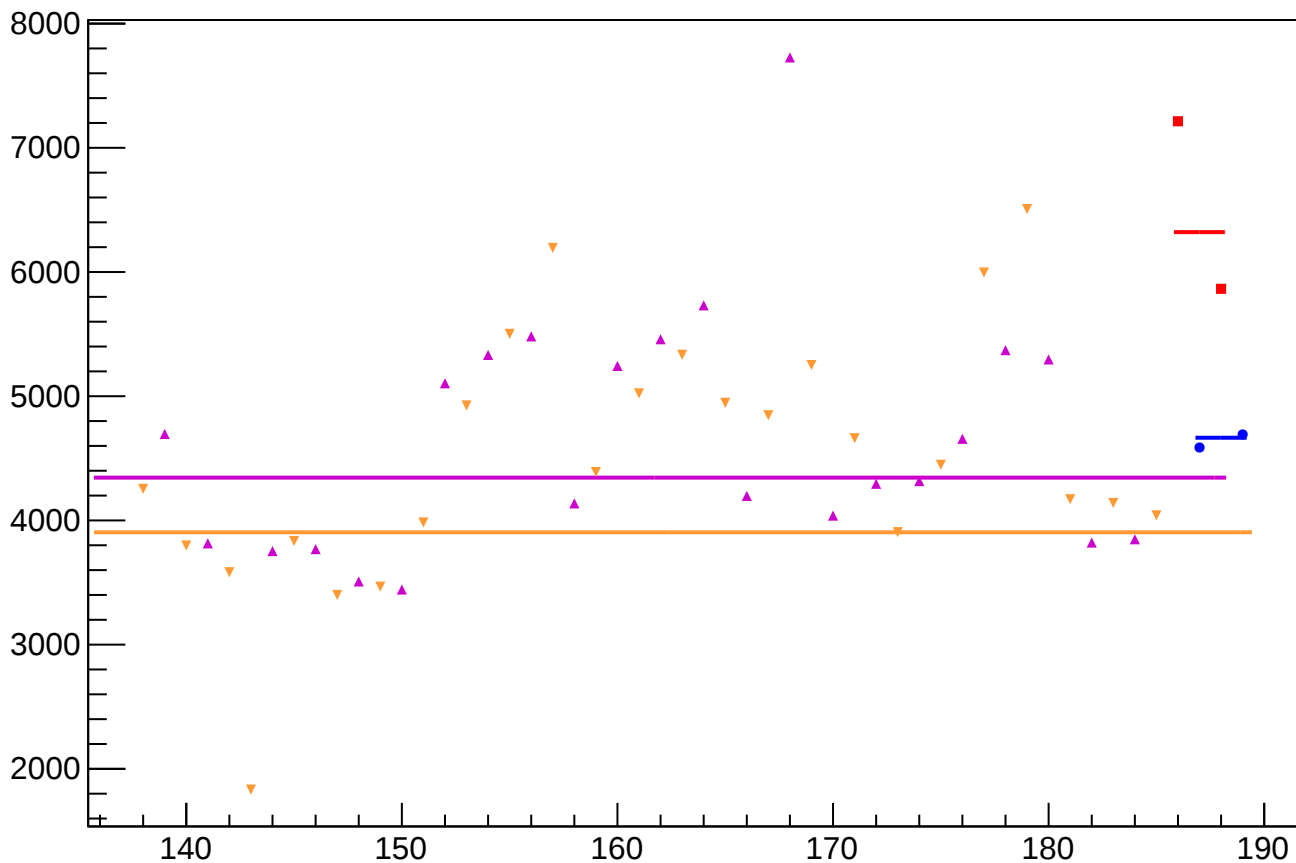
Left In: 123.071+/-1055.240 χ^2/NDF : 14.3/22

+ sign 100.008+/-946.645 χ^2/NDF : 31.4/26

All: -66.447+/-700.920 χ^2/NDF : 53.8/51

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

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 4665.780+/-4.195 χ^2/NDF : 119.2/1

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

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

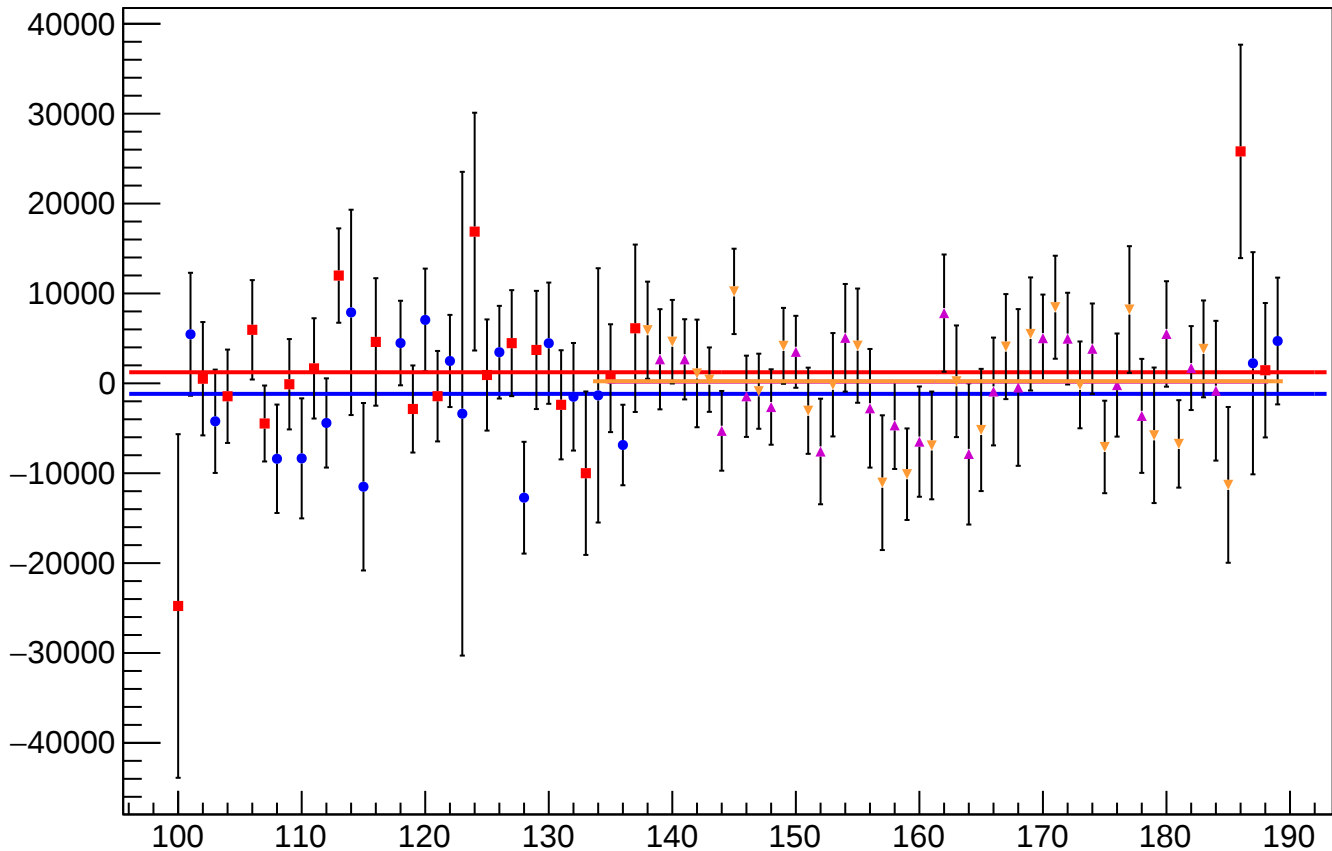
Left In: 4344.640+/-0.746 χ^2/NDF : 1160183.3/22

+ sign 3923.826+/-0.669 χ^2/NDF : 3143879.9/26

All: 4134.830+/-0.496 χ^2/NDF : 4705696.8/51

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

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1171.205 ± 1456.137 $\chi^2/\text{NDF}: 17.5/18$

Left Out: 229.897 ± 1073.528 $\chi^2/\text{NDF}: 28.1/24$

Right Out: 1233.245 ± 1347.287 $\chi^2/\text{NDF}: 18.5/20$

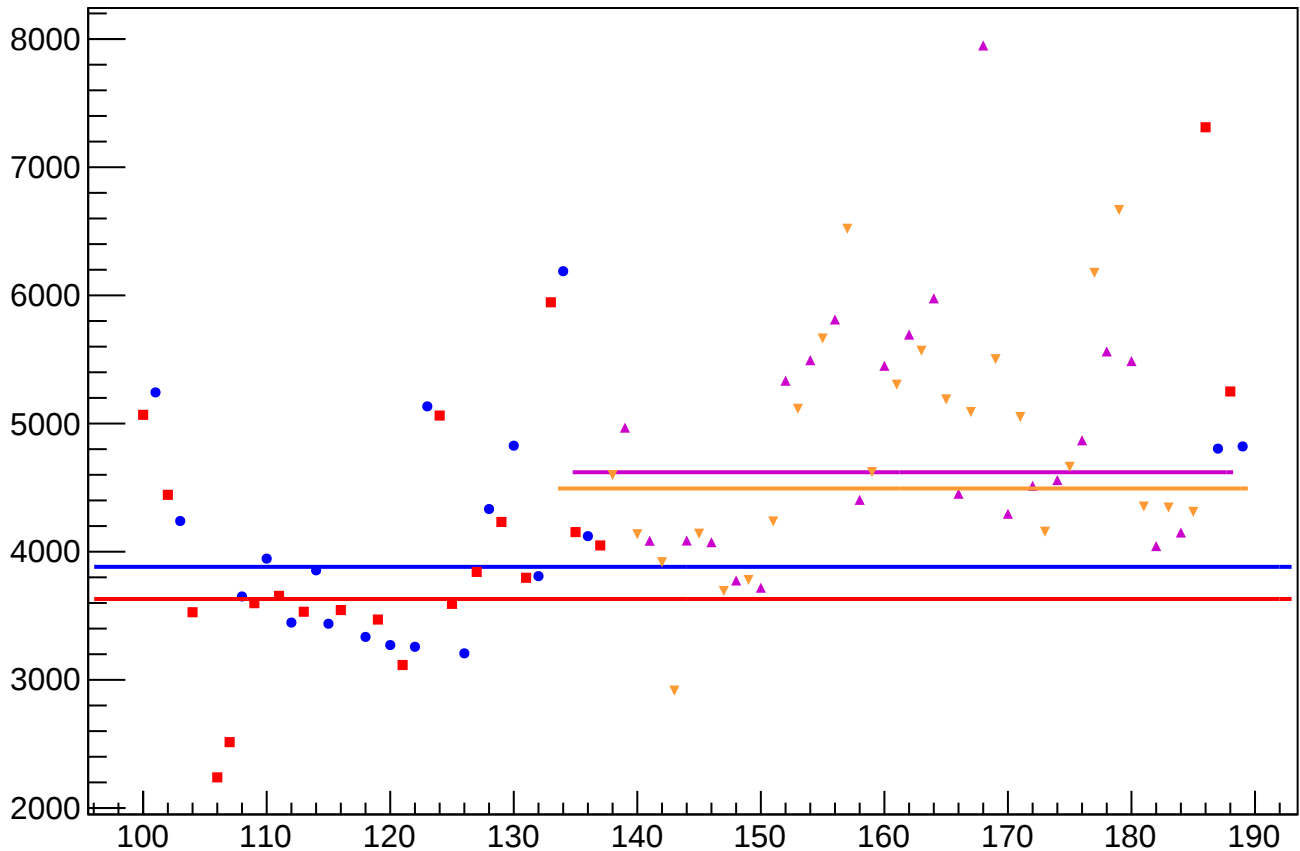
Left In: 185.280 ± 1119.296 $\chi^2/\text{NDF}: 14.3/22$

+ sign -263.479 ± 864.084 $\chi^2/\text{NDF}: 46.2/43$

All: 176.464 ± 609.888 $\chi^2/\text{NDF}: 79.8/87$

- sign 613.218 ± 860.948 $\chi^2/\text{NDF}: 33.1/43$

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3881.866+/-1.030 χ^2/NDF : 383831.2/18

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

Right Out: 3631.101+/-0.944 χ^2/NDF : 852723.3/20

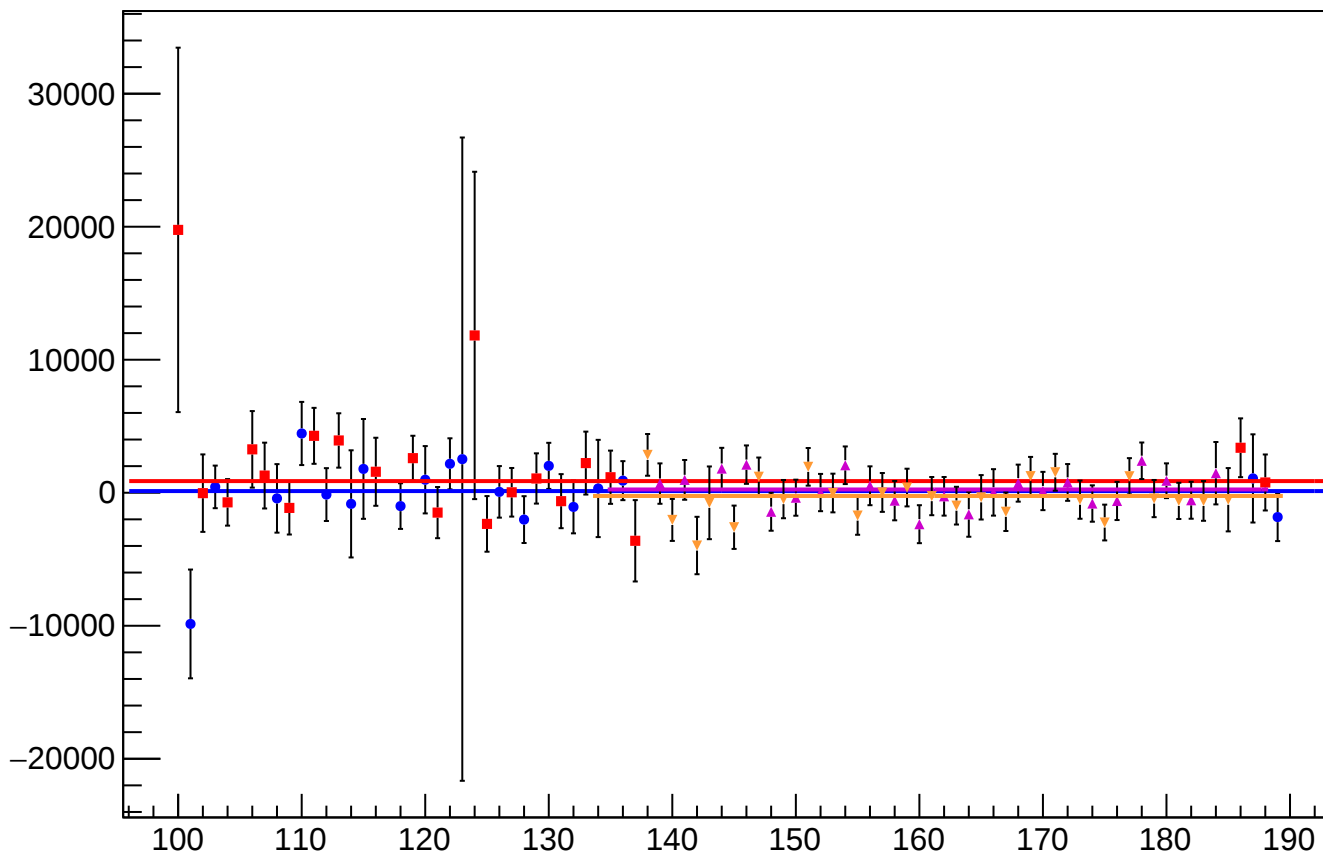
Left In: 4619.952+/-0.791 χ^2/NDF :1001966.3/22

+ sign 4277.995+/-0.611 χ^2/NDF : 1921443.4/43

All: 4244.750+/-0.430 χ^2/NDF : 4426034.5/87

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

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 125.487 $\pm$ 497.136 χ^2 /NDF: 15.9/18

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

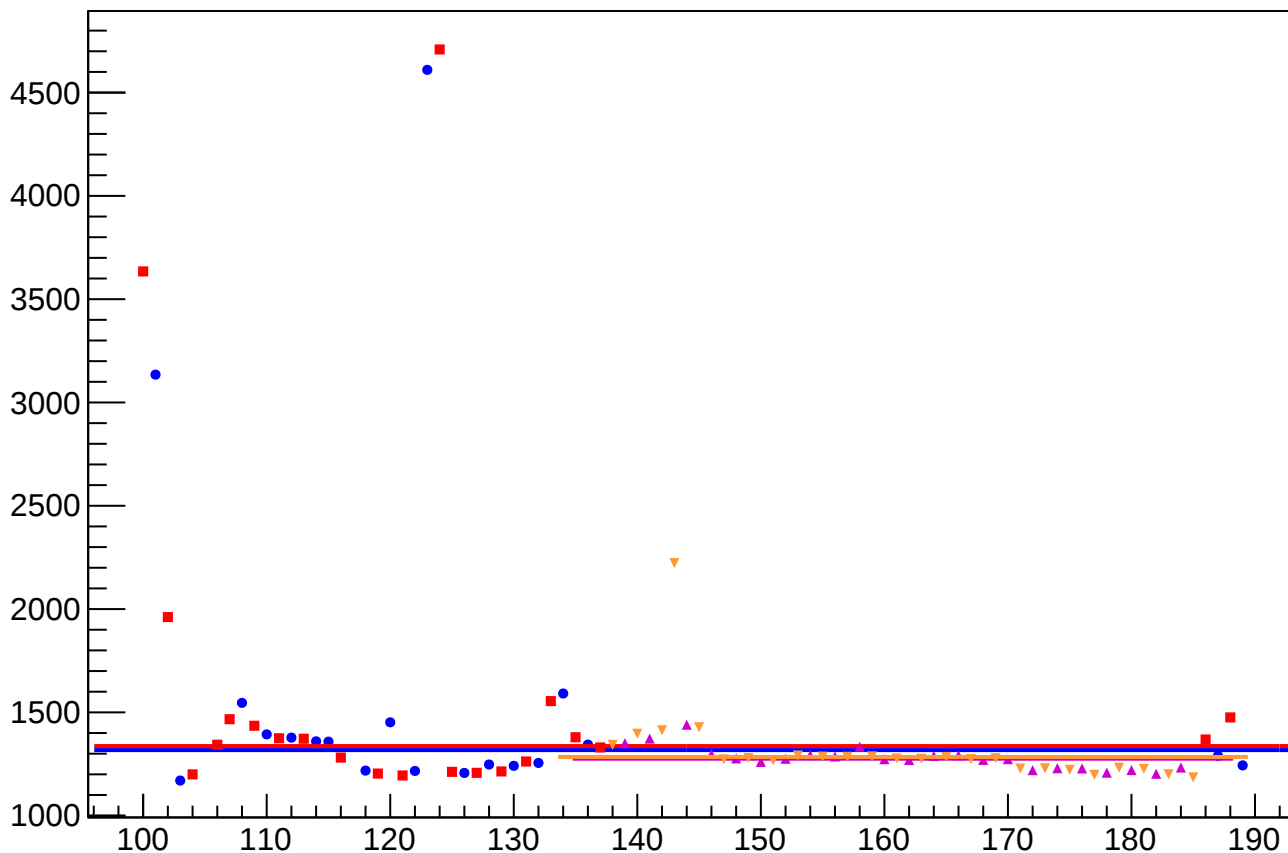
Left In: 245.829 $\pm$ 305.043 χ^2 /NDF:15.9/22

+ sign -143.503 $\pm$ 257.920 χ^2 /NDF: 38.6/43

All: 140.011 $\pm$ 182.491 χ^2 /NDF: 77.9/87

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

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1317.357 $\pm$ 0.352 χ^2 /NDF: 517943.9/18

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

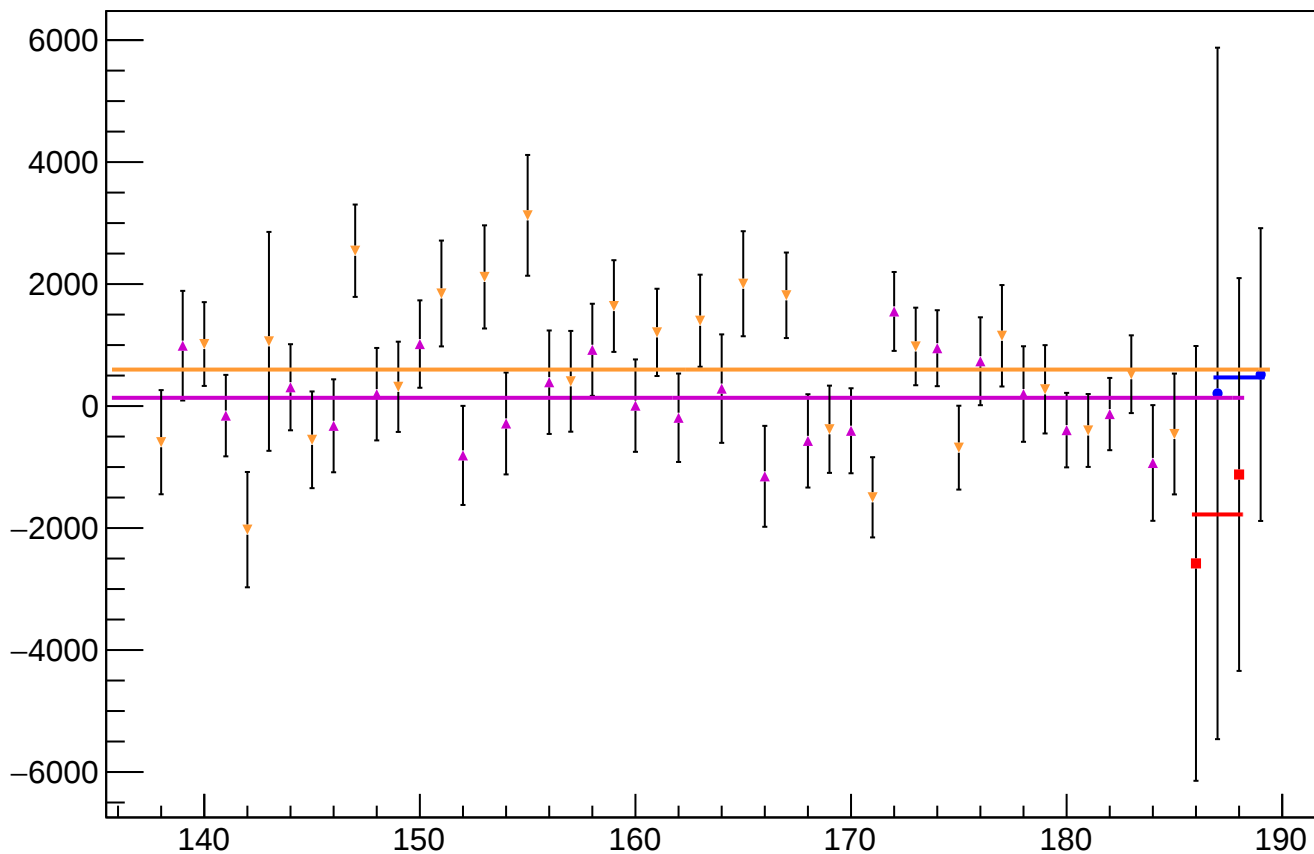
Left In: 1275.674 $\pm$ 0.216 χ^2 /NDF:62431.9/22

+ sign 1293.131 $\pm$ 0.182 χ^2 /NDF: 831139.5/43

All: 1293.072 $\pm$ 0.129 χ^2 /NDF: 1318296.0/87

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

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 469.433 $\pm$ 2210.367 χ^2 /NDF: 0.0/1

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

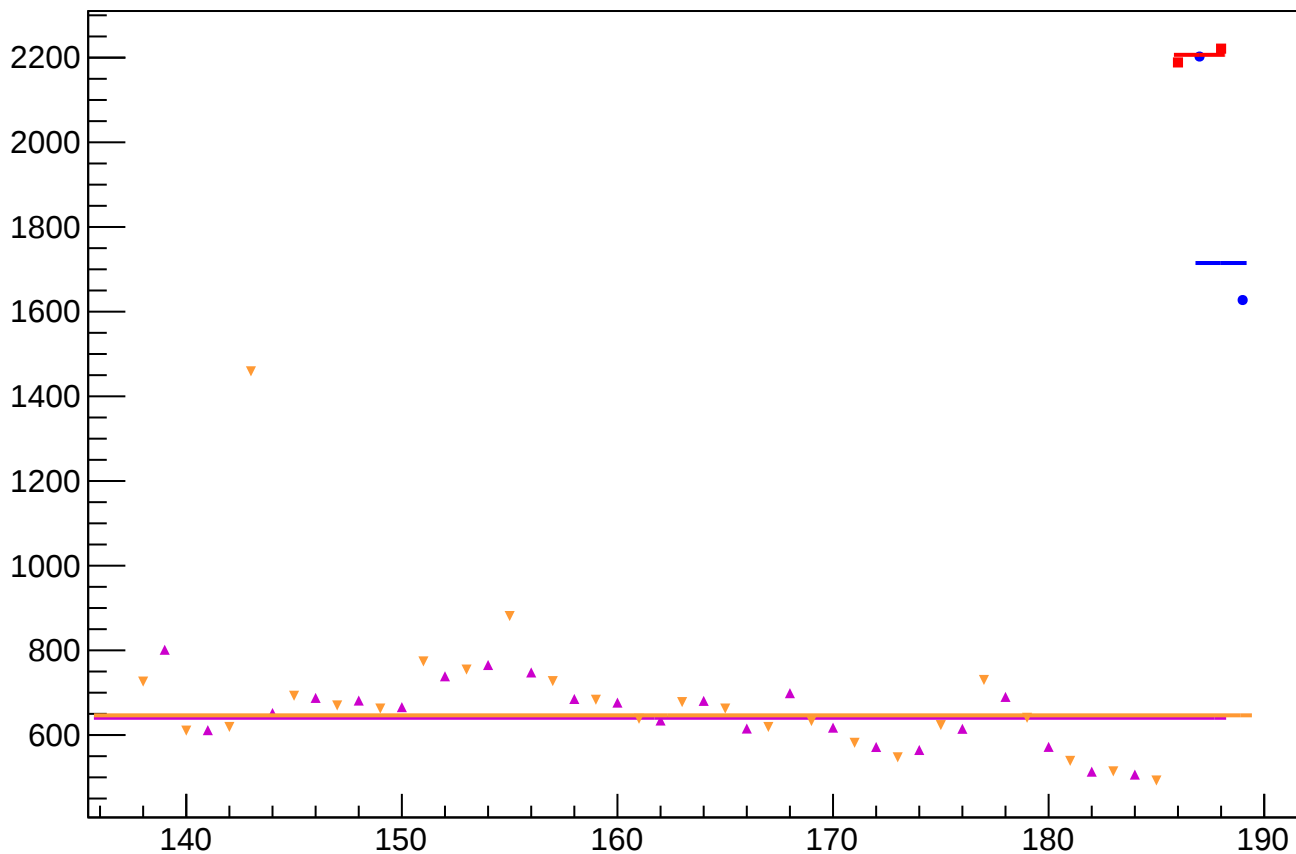
Left In: 135.168 $\pm$ 153.761 χ^2 /NDF:19.4/22

+ sign 597.752 $\pm$ 152.772 χ^2 /NDF: 60.7/26

All: 363.549 $\pm$ 108.263 χ^2 /NDF: 85.5/51

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

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1714.916 $\pm$ 1.563 χ^2 /NDF: 17457.4/1

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

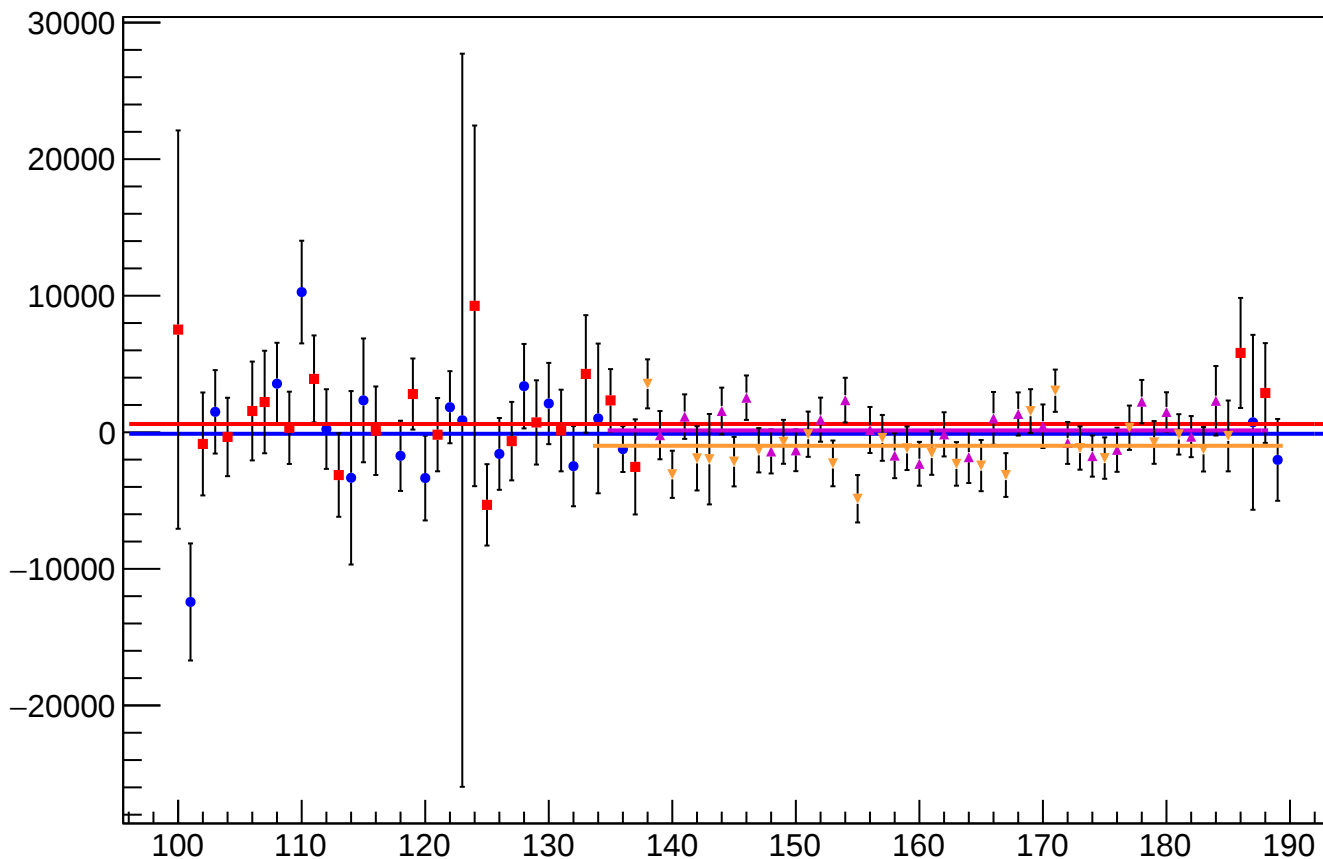
Left In: 640.732 $\pm$ 0.109 χ^2 /NDF: 441649.3/22

+ sign 651.621 $\pm$ 0.108 χ^2 /NDF: 1436773.7/26

All: 649.415 $\pm$ 0.077 χ^2 /NDF: 2734782.0/51

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

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -109.094 ± 718.463 χ^2/NDF : 24.0/18

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

Right Out: 609.102 ± 708.156 χ^2/NDF : 12.9/20

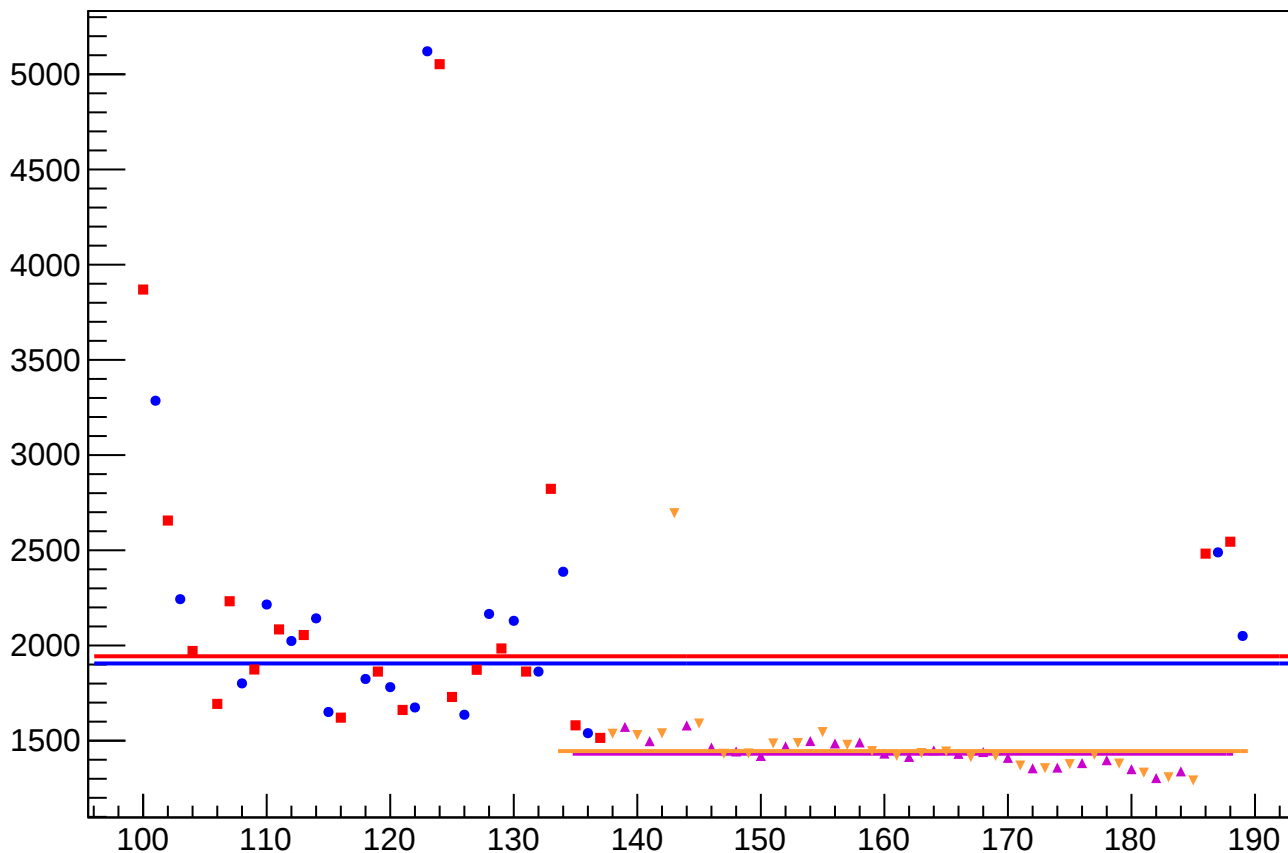
Left In: 137.780 ± 342.262 χ^2/NDF : 18.8/22

+ sign -826.757 ± 307.145 χ^2/NDF : 53.7/43

All: -301.598 ± 217.541 χ^2/NDF : 91.6/87

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

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1905.649 $\pm$ 0.508 χ^2 /NDF: 488120.4/18

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

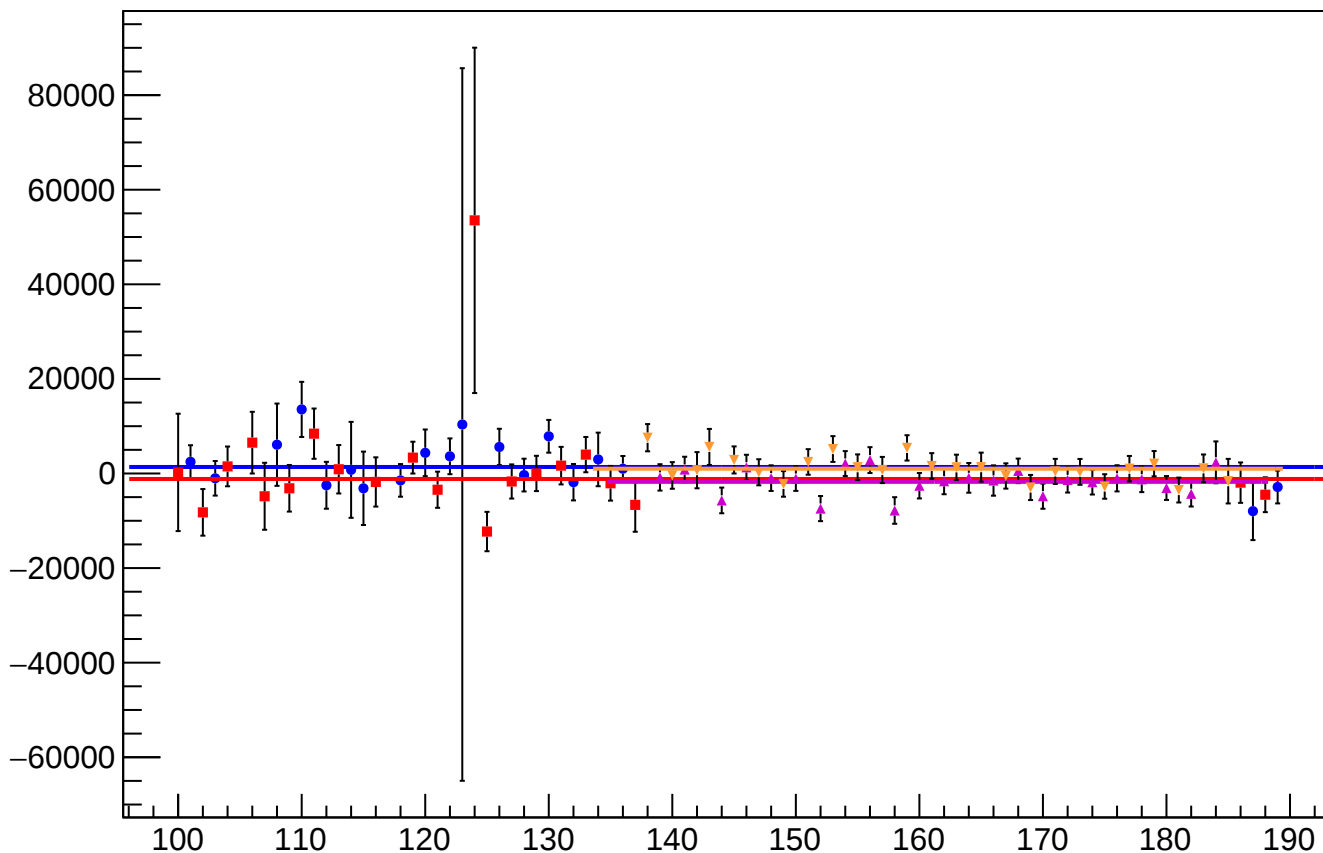
Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

+ sign 1529.530 $\pm$ 0.217 χ^2 /NDF: 1533681.2/43

All: 1529.050 $\pm$ 0.154 χ^2 /NDF: 3016183.5/87

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

dit_asym_atl1_mean vs Slug



Right In: 1377.434 $\pm$ 979.644 χ^2 /NDF: 17.1/18

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

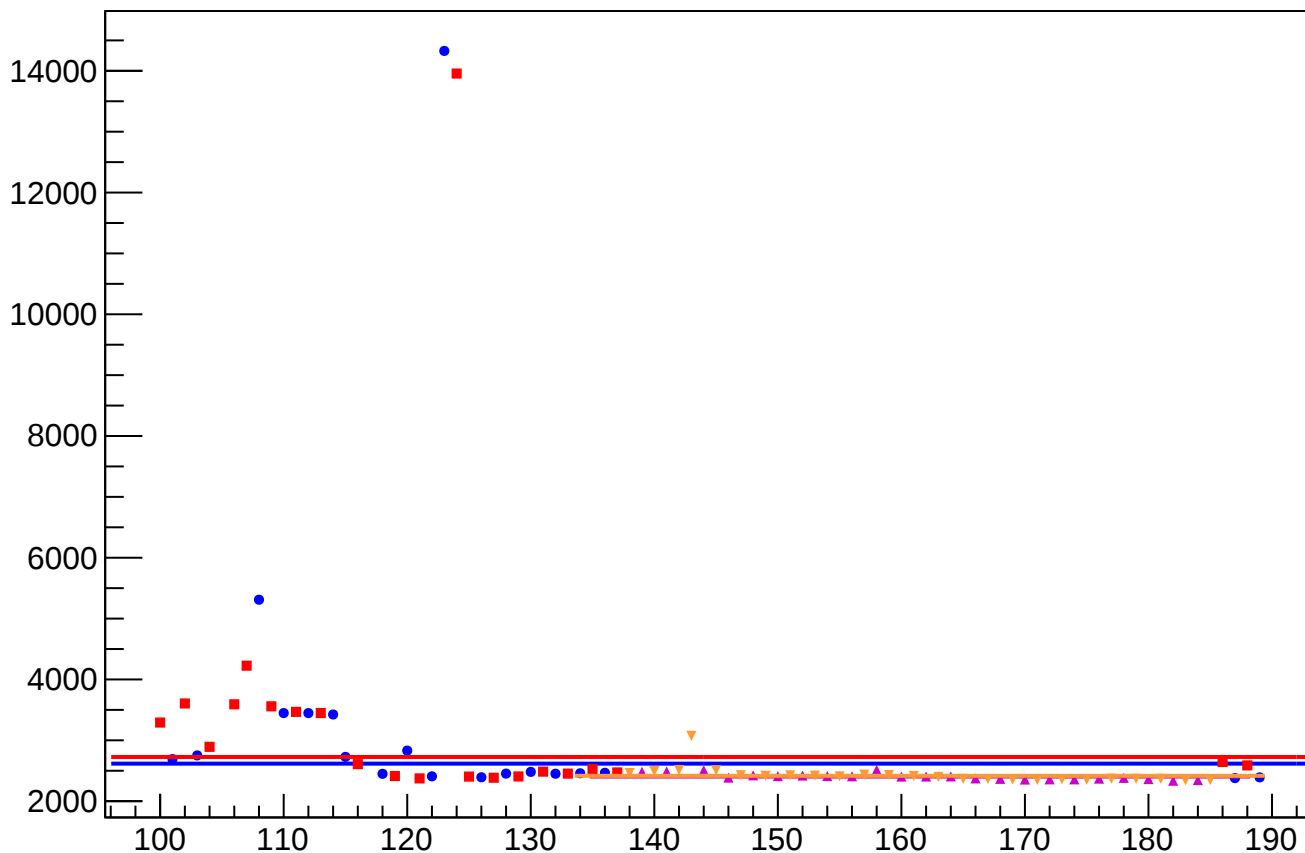
Left In: -1768.654 $\pm$ 574.282 χ^2 /NDF: 23.2/22

+ sign 1103.513 $\pm$ 489.934 χ^2 /NDF: 39.6/43

All: -238.562 $\pm$ 348.573 χ^2 /NDF: 101.9/87

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

dit_asym_atl1_rms vs Slug



Right In: 2616.676+/-0.693 χ^2/NDF : 405487.2/18

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

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

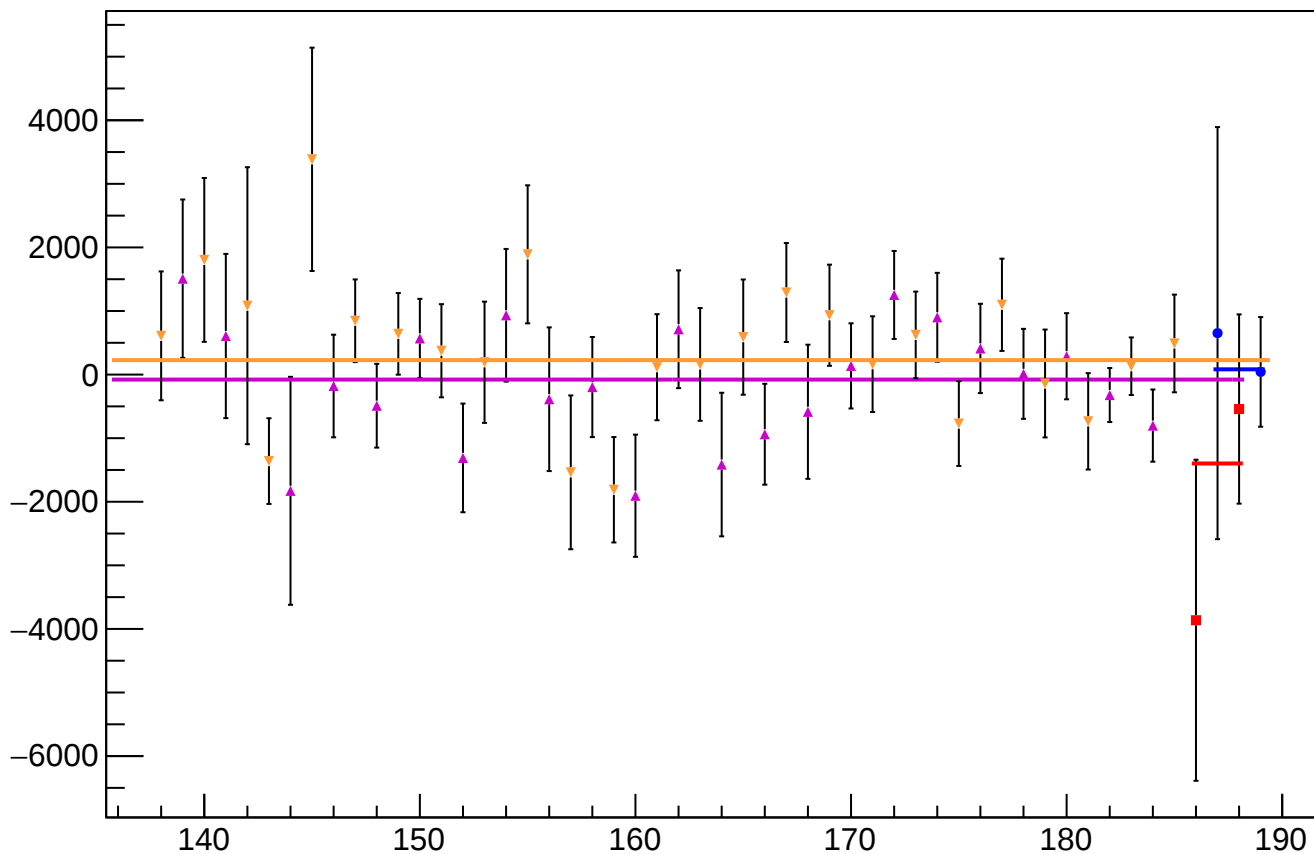
Left In: 2404.873+/-0.406 χ^2/NDF : 14770.0/22

+ sign 2466.930+/-0.346 χ^2/NDF : 542141.5/43

All: 2476.588+/-0.246 χ^2/NDF : 1349613.0/87

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

asym_atl1_correction_mean vs Slug



Right In: 82.701+/-833.343 χ^2/NDF : 0.0/1

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

Right Out: -1398.057+/-1282.036 χ^2/NDF : 1.3/1

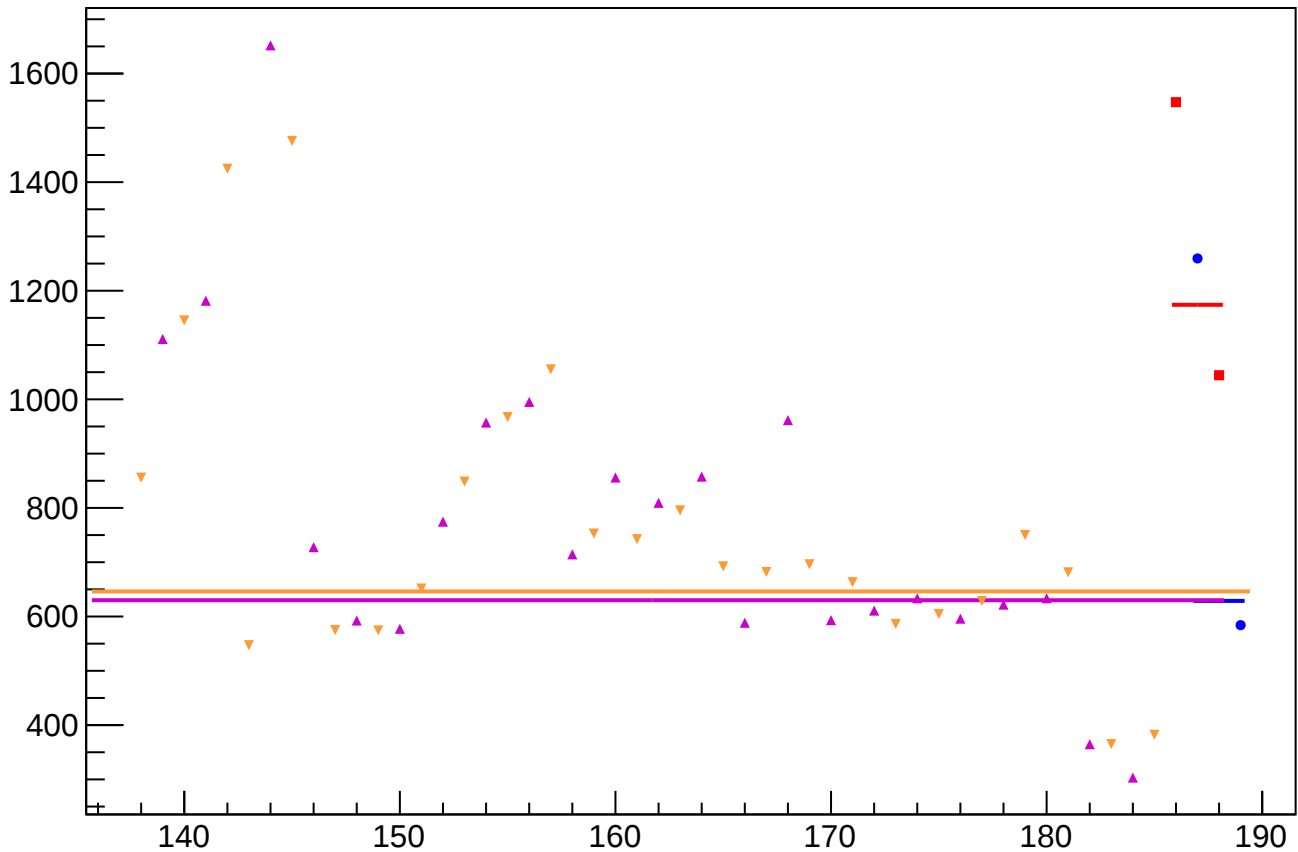
Left In: -78.542+/-159.308 χ^2/NDF :23.1/22

+ sign 222.009+/-155.356 χ^2/NDF : 31.4/26

All: 64.499+/-110.808 χ^2/NDF : 58.9/51

- sign -98.607+/-158.092 χ^2/NDF : 25.5/24

asym_atl1_correction_rms vs Slug



Right In: 628.749 $\pm$ 0.589 χ^2/NDF : 81124.4/1

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

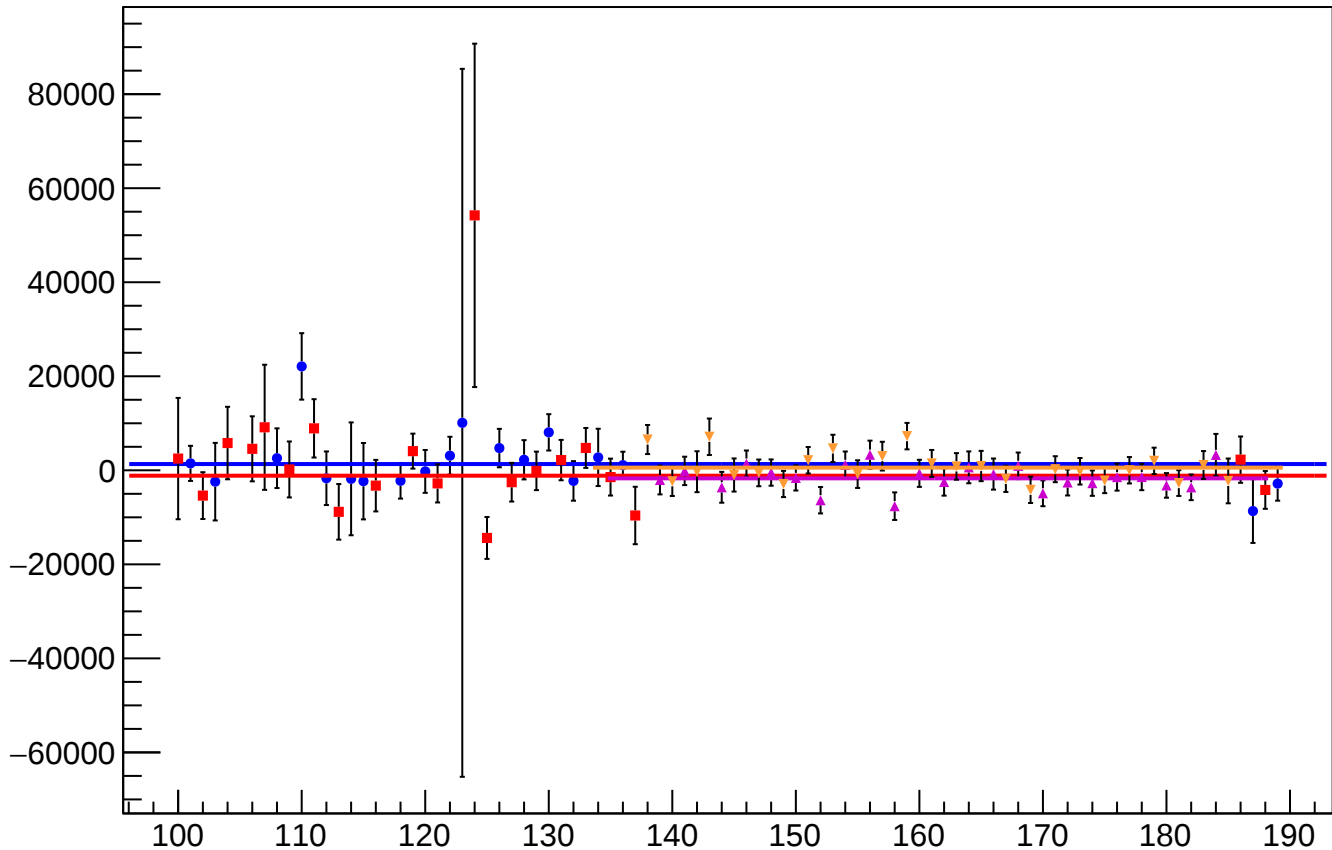
Left In: 629.971 $\pm$ 0.113 χ^2/NDF : 3773702.5/22

+ sign 645.562 $\pm$ 0.110 χ^2/NDF : 2957079.0/26

All: 641.967 $\pm$ 0.078 χ^2/NDF : 7146622.7/51

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

asym_atl1_mean vs Slug



Right In: 1330.897 $\pm$ 1083.414 χ^2 /NDF: 18.7/18

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

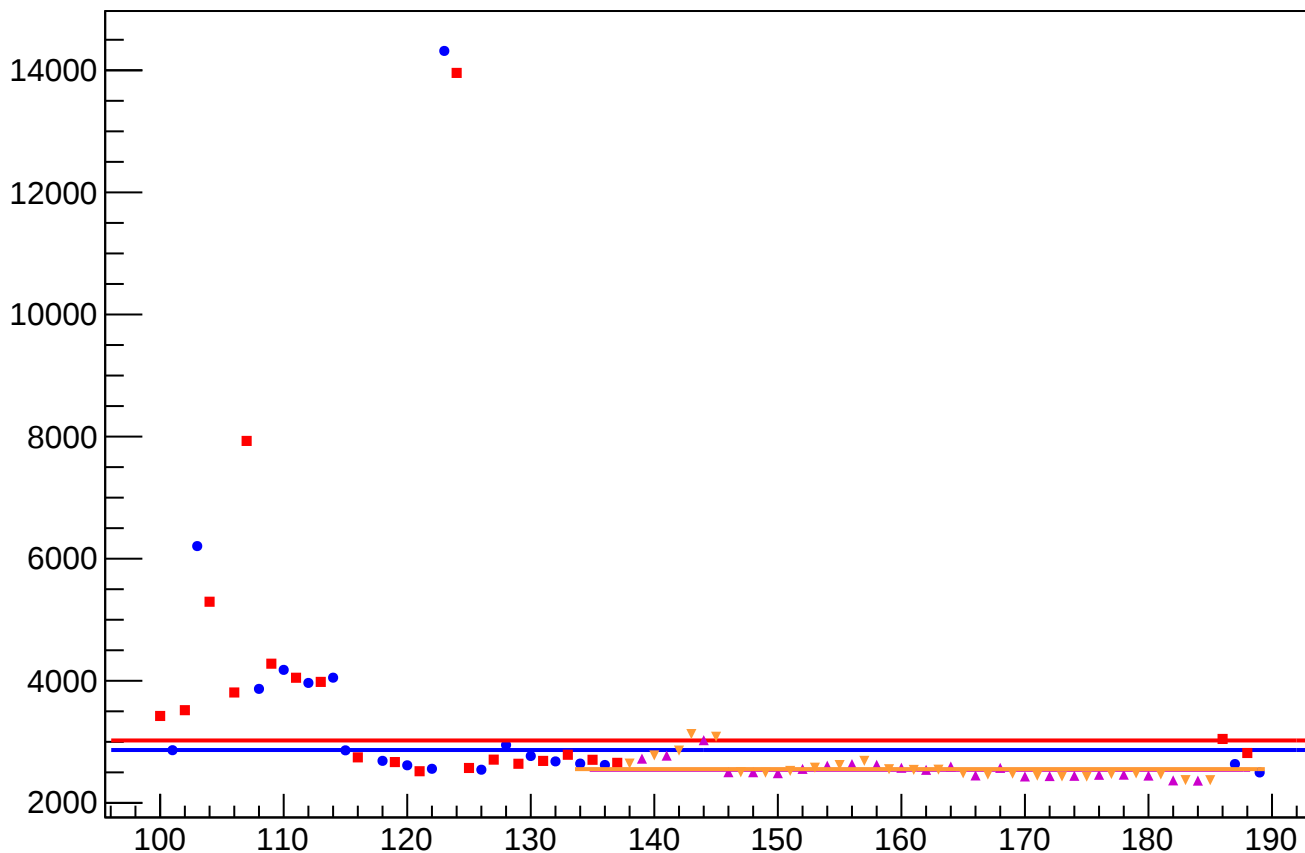
Left In: -1713.317 $\pm$ 607.775 χ^2 /NDF: 18.1/22

+ sign 745.353 $\pm$ 523.750 χ^2 /NDF: 44.3/43

All: -398.205 $\pm$ 373.562 χ^2 /NDF: 98.6/87

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

asym_atl1_rms vs Slug



Right In: 2866.119+/-0.766 χ^2 /NDF: 667569.4/18

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

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

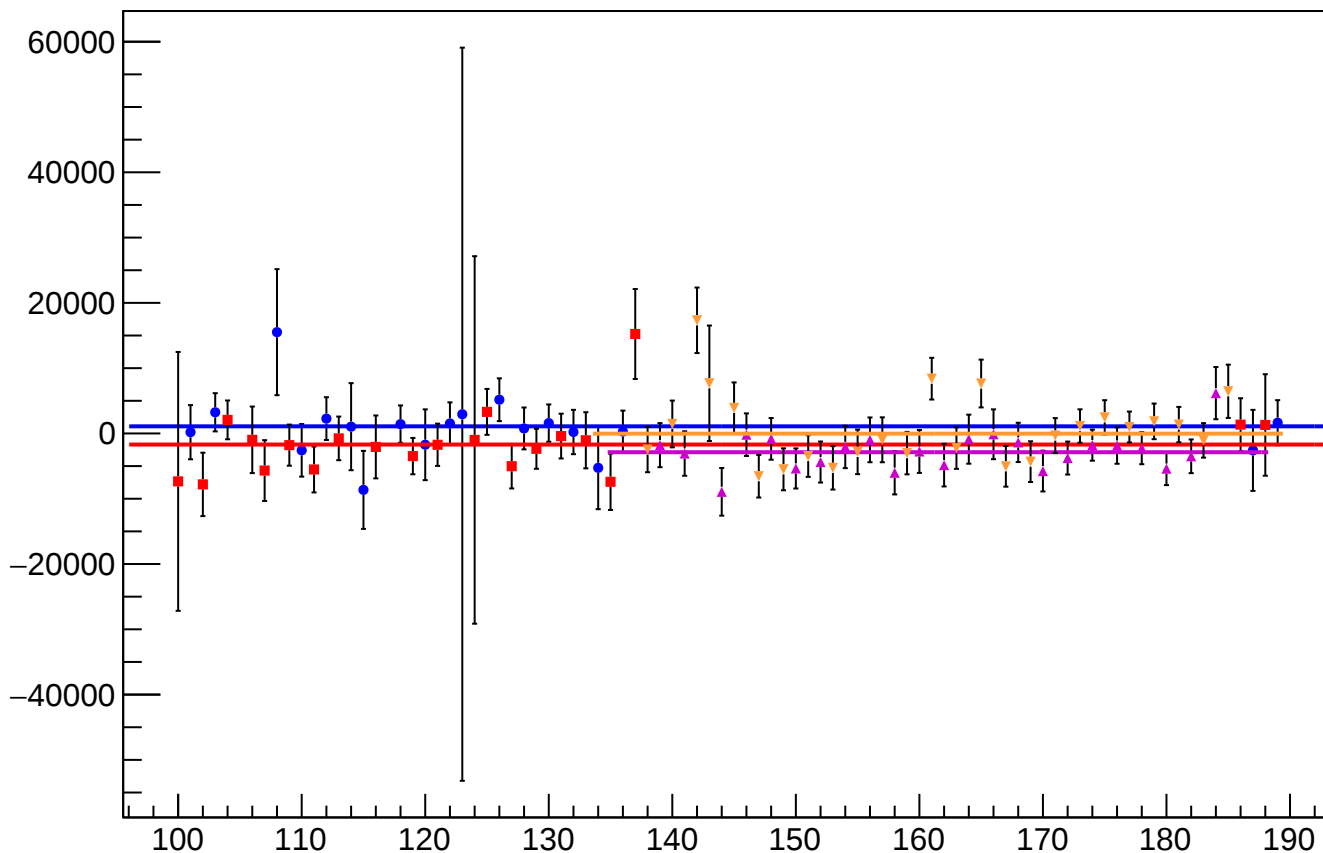
Left In: 2541.950+/-0.430 χ^2 /NDF:97238.4/22

+ sign 2626.250+/-0.370 χ^2 /NDF: 943935.7/43

All: 2639.392+/-0.264 χ^2 /NDF: 2349725.6/87

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

dit_asym_atl2_mean vs Slug



Right In: 1089.640 $\pm$ 885.915 χ^2 /NDF: 9.8/18

Left Out: -33.438 $\pm$ 633.677 χ^2 /NDF:47.5/24

Right Out: -1699.400 $\pm$ 861.181 χ^2 /NDF: 17.4/20

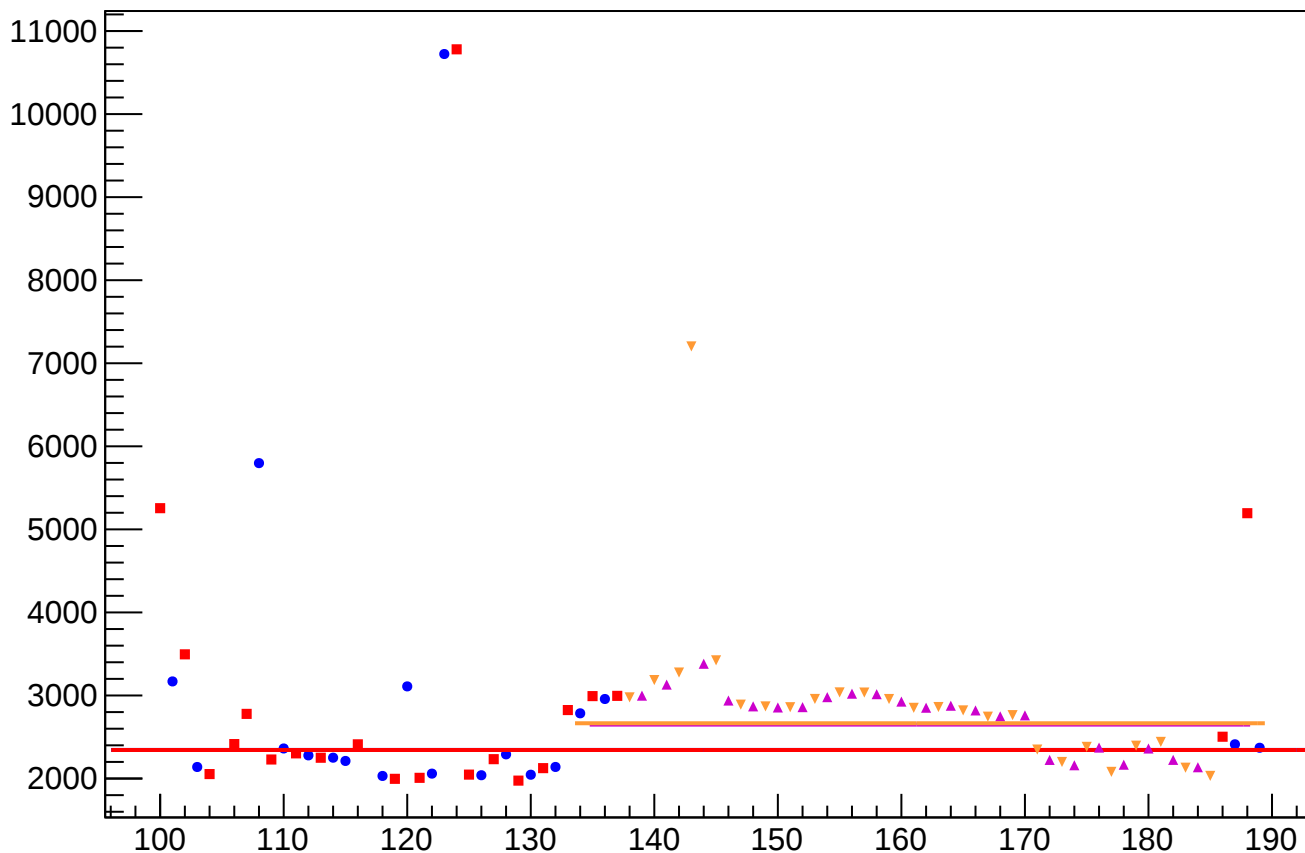
Left In: -2875.319 $\pm$ 637.973 χ^2 /NDF:15.1/22

+ sign 346.679 $\pm$ 515.402 χ^2 /NDF: 58.4/43

All: -1063.545 $\pm$ 363.460 χ^2 /NDF: 107.0/87

- sign -2458.645 $\pm$ 512.630 χ^2 /NDF: 33.7/43

dit_asym_atl2_rms vs Slug



Right In: 2344.288+/-0.626 χ^2/NDF : 600854.8/18

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

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

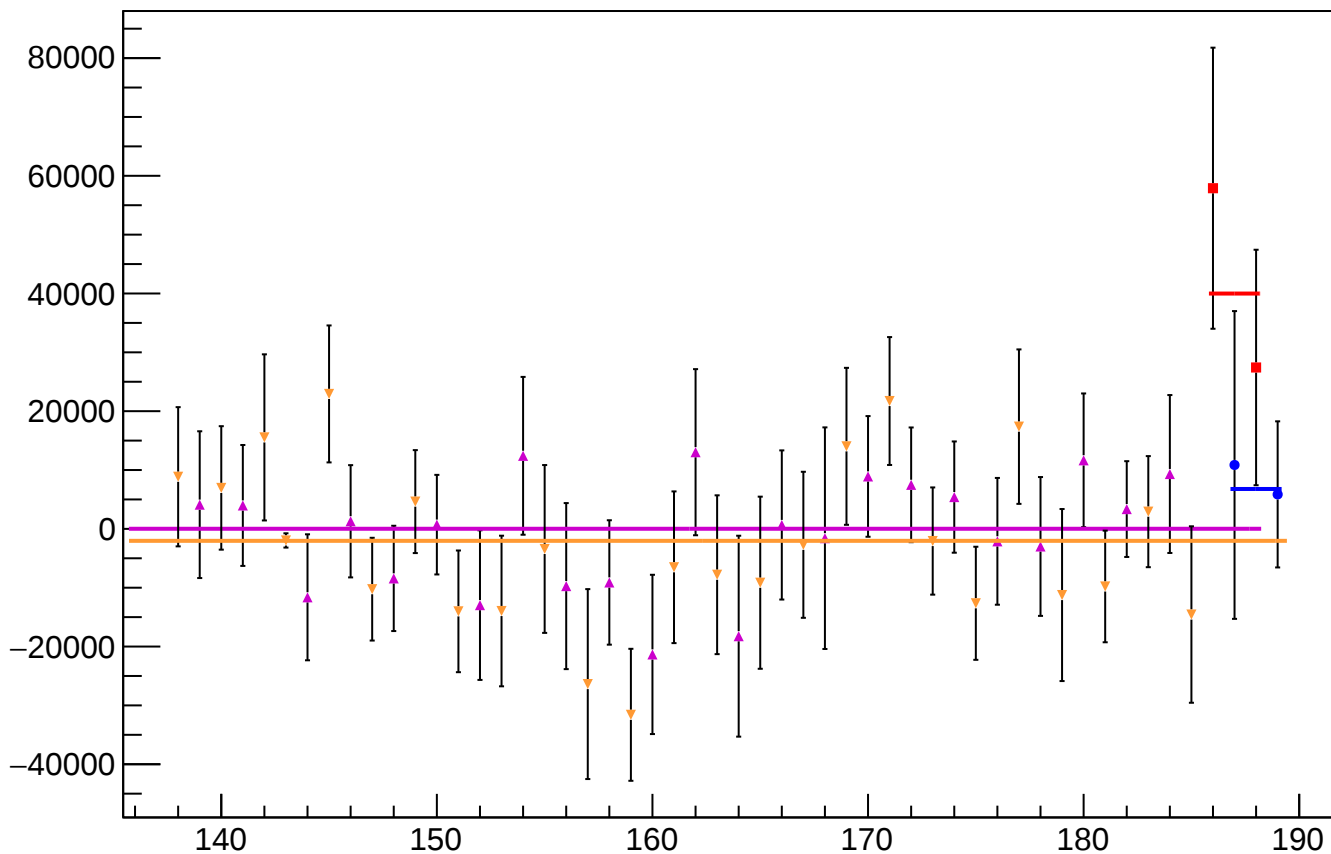
Left In: 2649.457+/-0.451 χ^2/NDF : 643563.7/22

+ sign 2556.821+/-0.364 χ^2/NDF : 1993065.0/43

All: 2548.874+/-0.257 χ^2/NDF : 3643876.0/87

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

asym_atl2_correction_mean vs Slug



Right In: 6778.169+/-11216.045 χ^2/NDF : 0.0/1

Left Out: -2034.509+/-1076.795 χ^2/NDF : 32.9/24

Right Out: 39988.539+/-15337.847 χ^2/NDF : 1.0/1

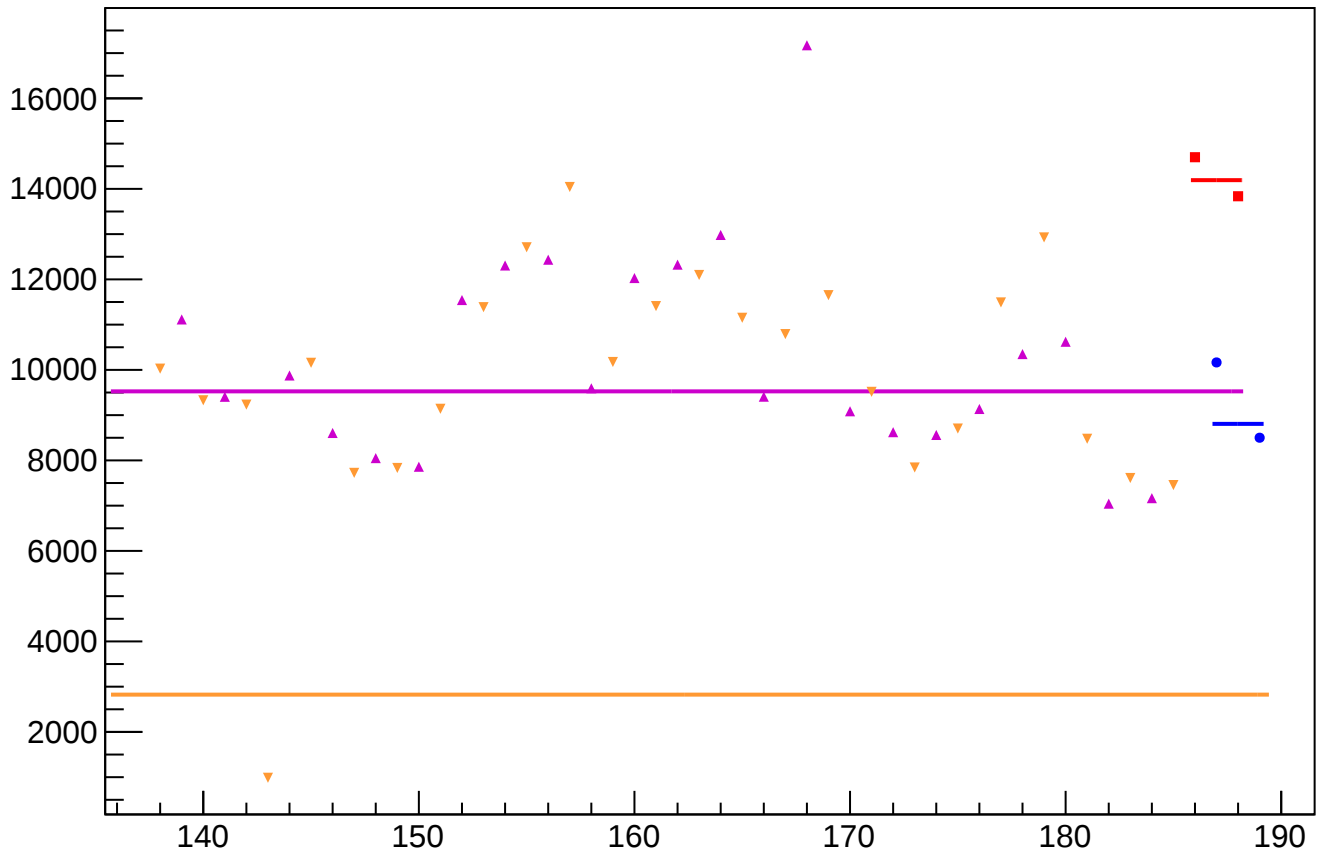
Left In: 16.509+/-2317.578 χ^2/NDF : 13.4/22

+ sign -1954.025+/-1071.867 χ^2/NDF : 33.5/26

All: -1440.123+/-970.906 χ^2/NDF : 55.8/51

- sign 908.770+/-2291.565 χ^2/NDF : 21.0/24

asym_atl2_correction_rms vs Slug



Right In: 8807.028+/-7.931 χ^2/NDF : 6606.2/1

Left Out: 2824.184+/-0.761 χ^2/NDF : 22547216.3/24

Right Out: 14192.552+/-10.845 χ^2/NDF : 1533.1/1

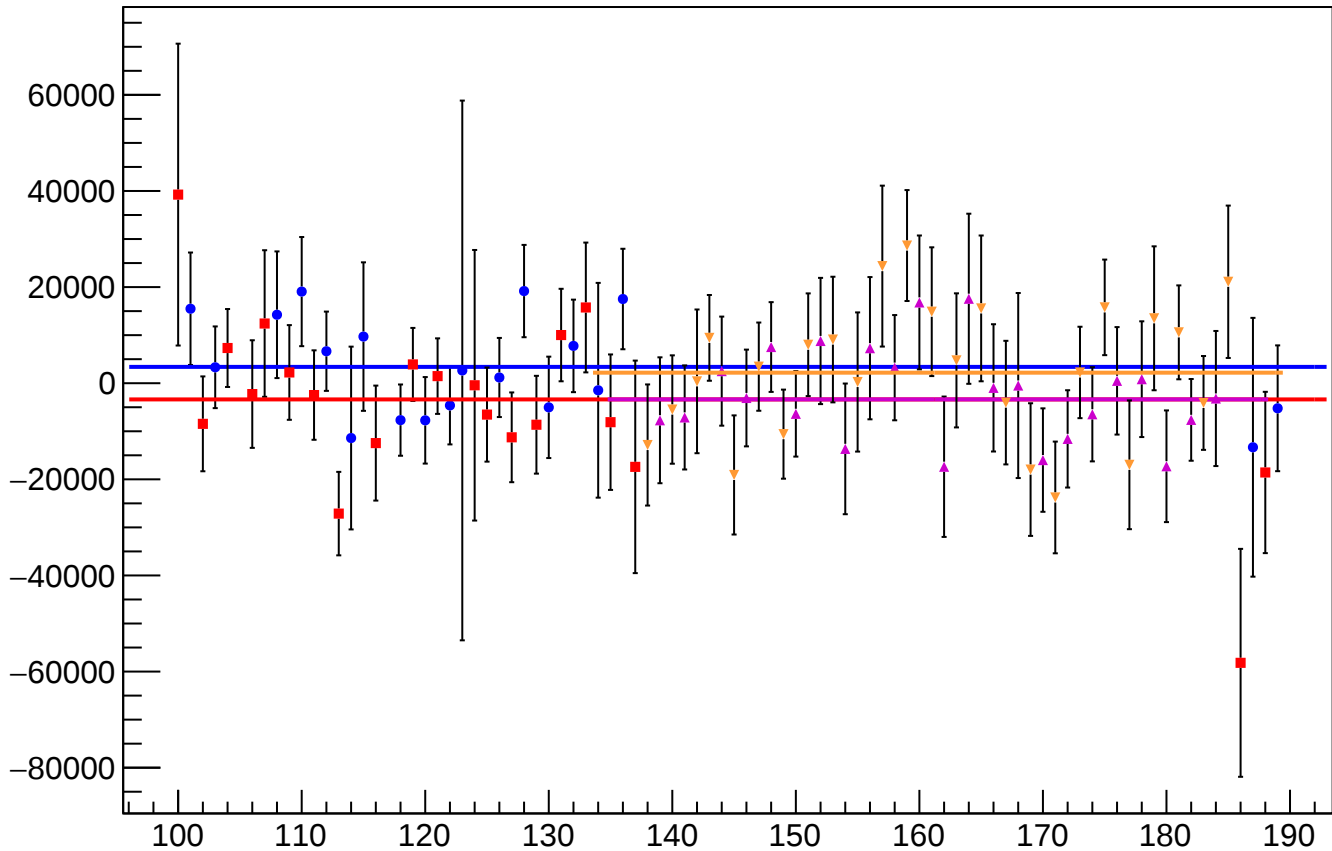
Left In: 9525.431+/-1.639 χ^2/NDF : 1286488.6/22

+ sign 2878.824+/-0.758 χ^2/NDF : 23117695.5/26

All: 4090.662+/-0.687 χ^2/NDF : 38827984.8/5

- sign 9629.611+/-1.620 χ^2/NDF : 1469070.3/24

asym_atl2_mean vs Slug



Right In: 3398.132 ± 2453.667 χ^2/NDF : 15.6/18

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

Right Out: -3370.796 ± 2384.351 χ^2/NDF : 26.3/20

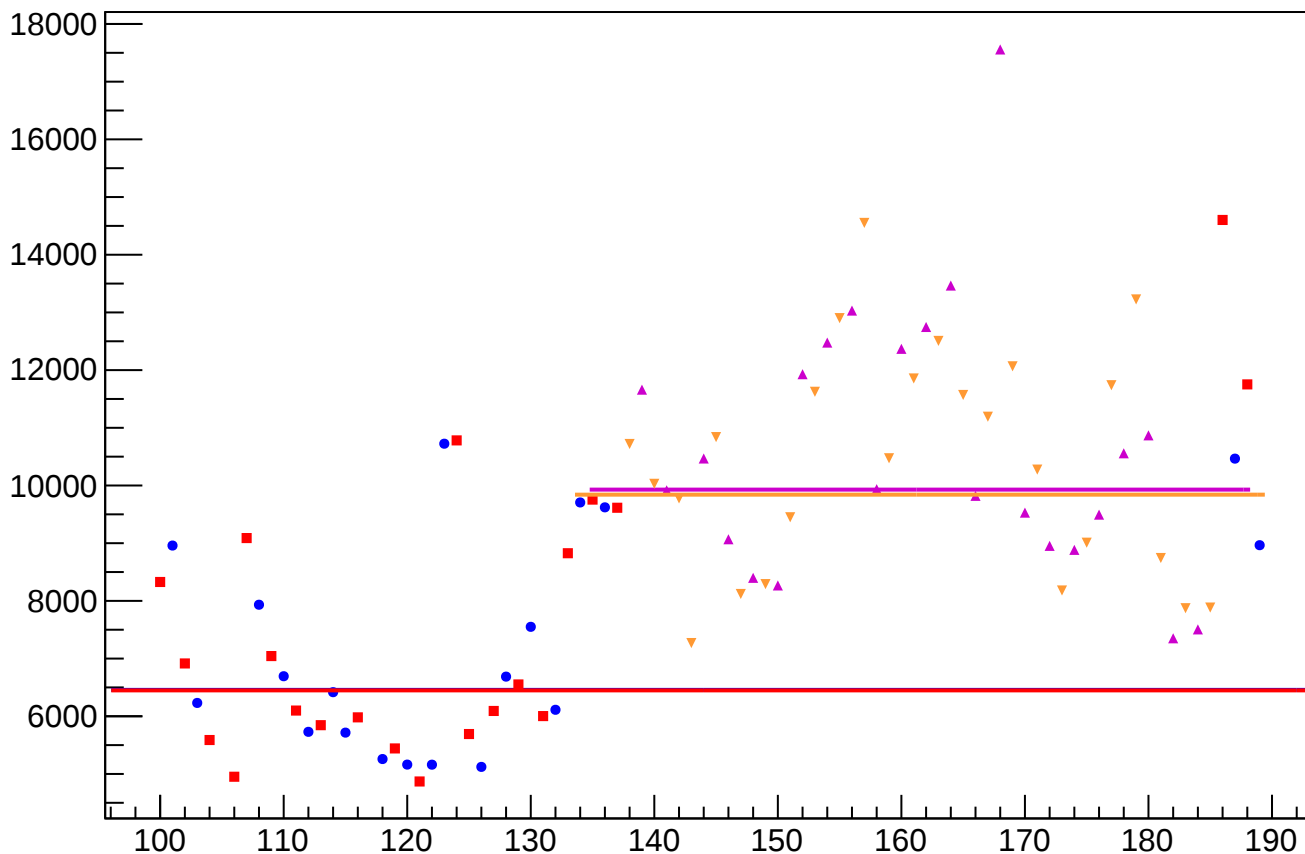
Left In: -3362.489 ± 2413.842 χ^2/NDF : 12.8/22

+ sign 2768.507 ± 1695.886 χ^2/NDF : 46.9/43

All: -298.307 ± 1199.326 χ^2/NDF : 92.6/87

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

asym_atl2_rms vs Slug



Right In: 6457.260+/-1.735 χ^2/NDF : 716307.2/18

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

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

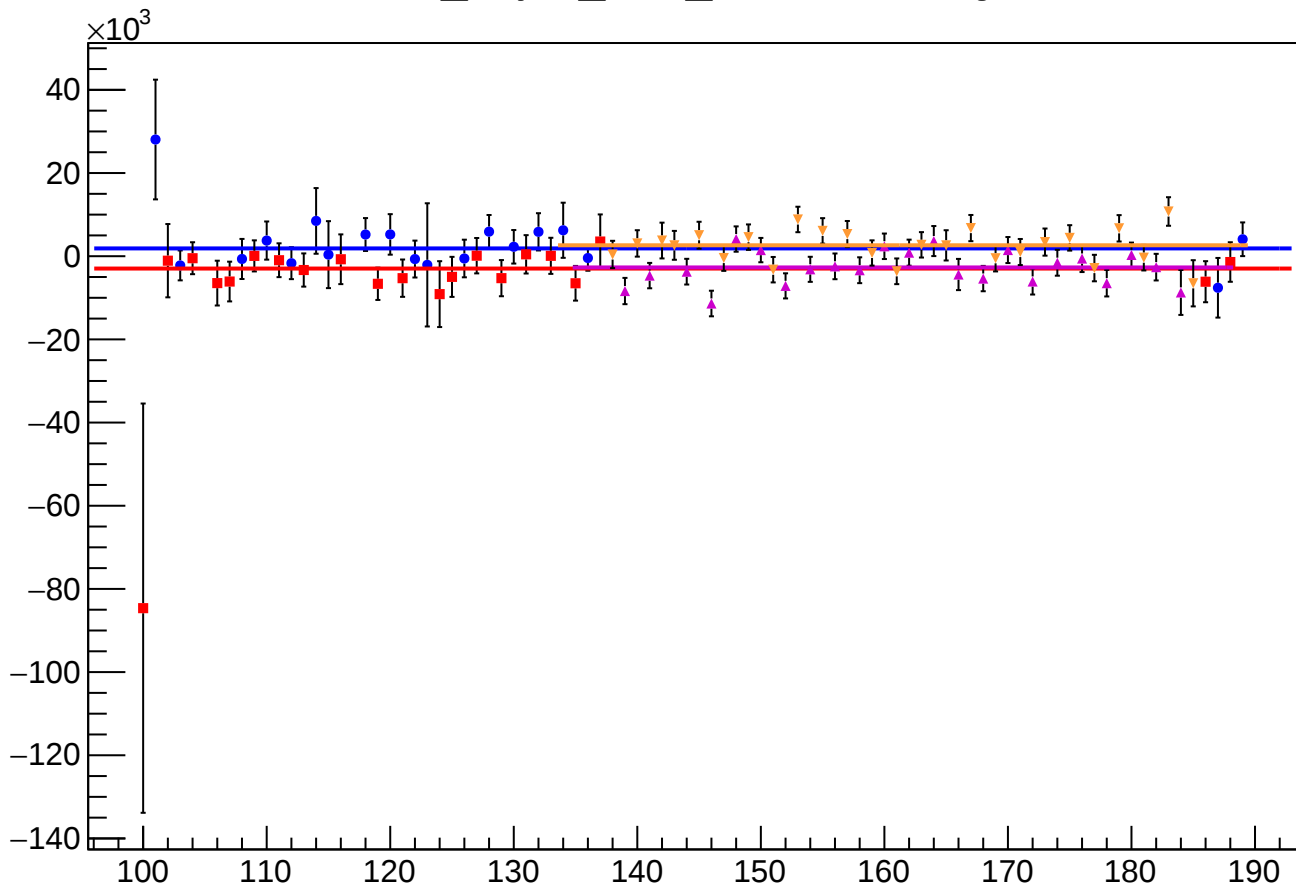
Left In: 9928.662+/-1.707 χ^2/NDF :1220804.9/22

+ sign 8224.673+/-1.199 χ^2/NDF : 3887931.1/43

All: 8195.958+/-0.848 χ^2/NDF : 8198514.1/87

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

dit_asym_atr1_mean vs Slug



Right In: 1873.085 ± 1074.655 χ^2/NDF : 13.4/18

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

Right Out: -2967.797 ± 1035.919 χ^2/NDF : 11.1/20

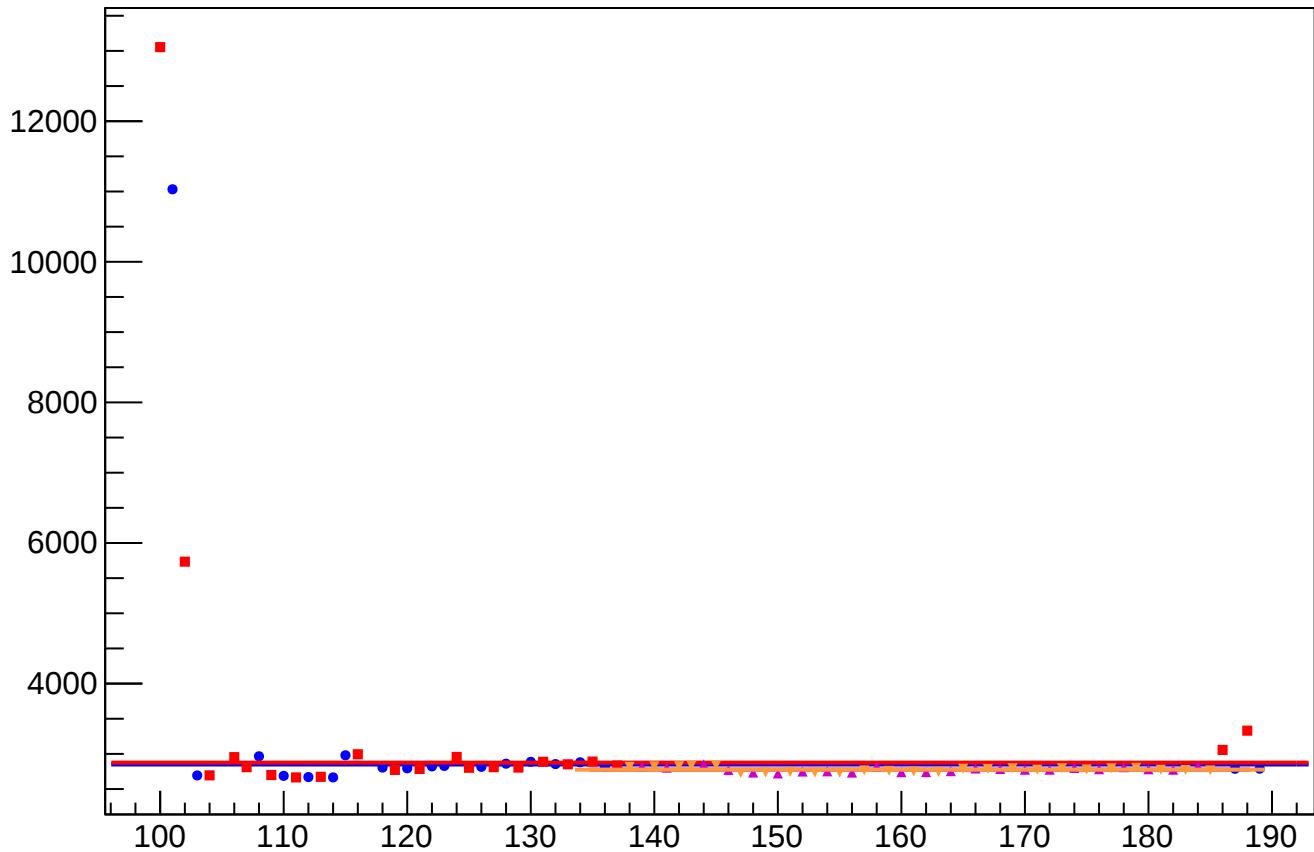
Left In: -2701.915 ± 662.347 χ^2/NDF : 36.3/22

+ sign 2425.901 ± 555.241 χ^2/NDF : 47.7/43

All: -163.531 ± 393.598 χ^2/NDF : 138.9/87

- sign -2779.069 ± 558.033 χ^2/NDF : 47.5/43

dit_asym_atr1_rms vs Slug



Right In: 2849.023+/-0.760 χ^2/NDF : 661533.0/18

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

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

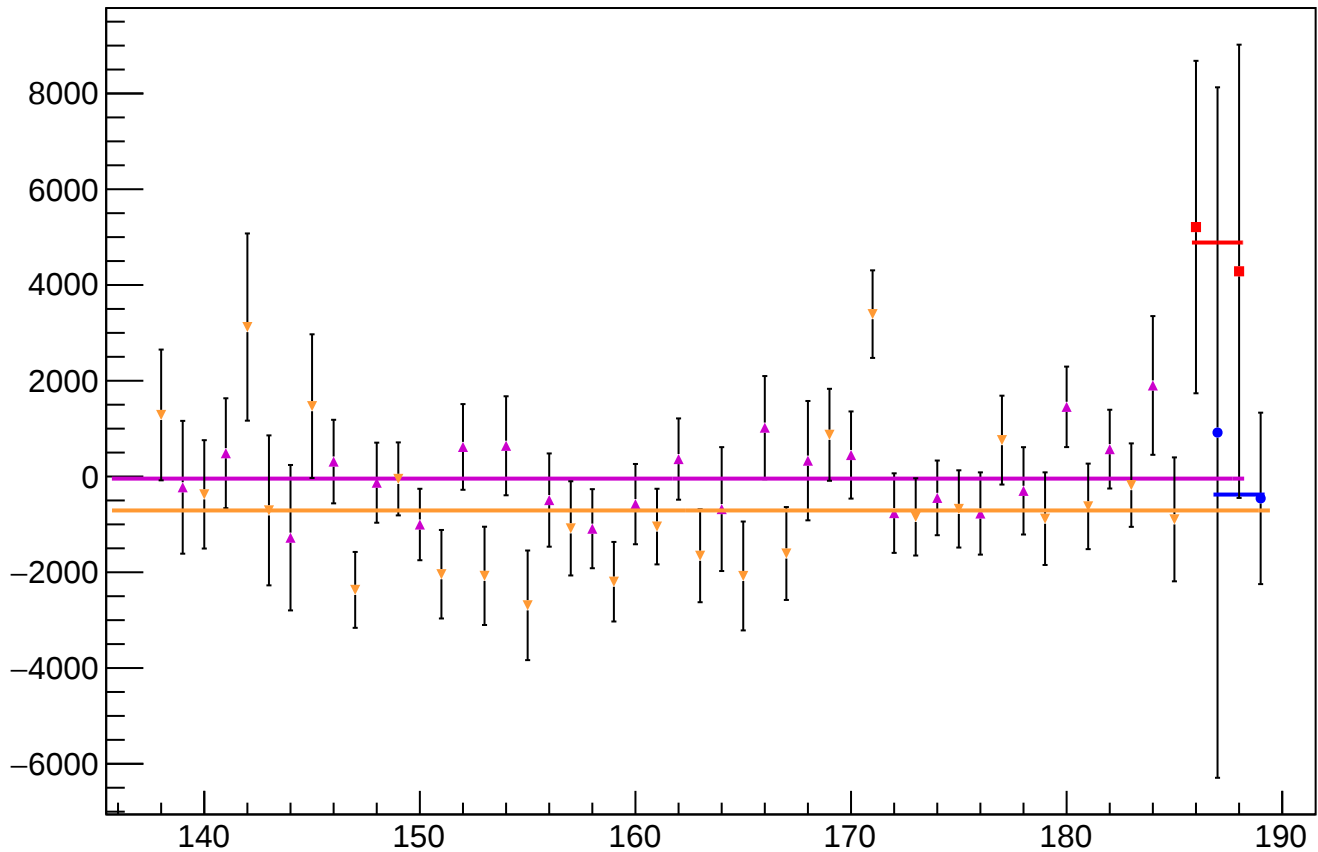
Left In: 2776.540+/-0.468 χ^2/NDF : 5153.9/22

+ sign 2795.557+/-0.393 χ^2/NDF : 673103.5/43

All: 2800.437+/-0.278 χ^2/NDF : 1033692.3/87

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

asym_atr1_correction_mean vs Slug



Right In: -376.875 ± 1737.585 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -708.890 ± 194.780 $\chi^2/\text{NDF}: 52.7/24$

Right Out: 4886.837 ± 2799.493 $\chi^2/\text{NDF}: 0.0/1$

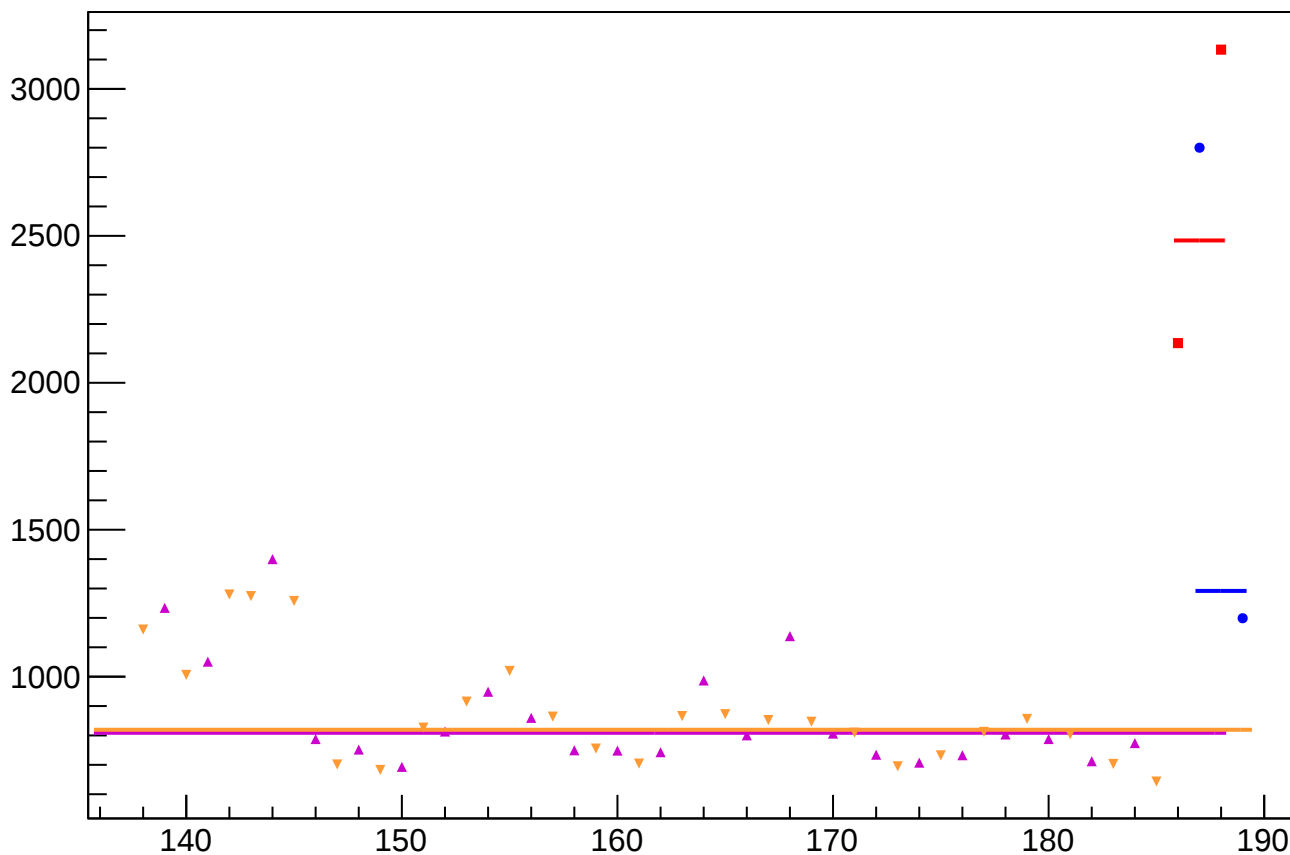
Left In: -43.842 ± 195.751 $\chi^2/\text{NDF}: 15.1/22$

+ sign -704.770 ± 193.567 $\chi^2/\text{NDF}: 52.8/26$

All: -365.318 ± 137.472 $\chi^2/\text{NDF}: 77.2/51$

- sign -19.852 ± 195.275 $\chi^2/\text{NDF}: 18.2/24$

asym_atr1_correction_rms vs Slug



Right In: 1291.795 $\pm$ 1.229 χ^2/NDF : 92883.1/1

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

Right Out: 2484.307 $\pm$ 1.980 χ^2/NDF : 57873.7/1

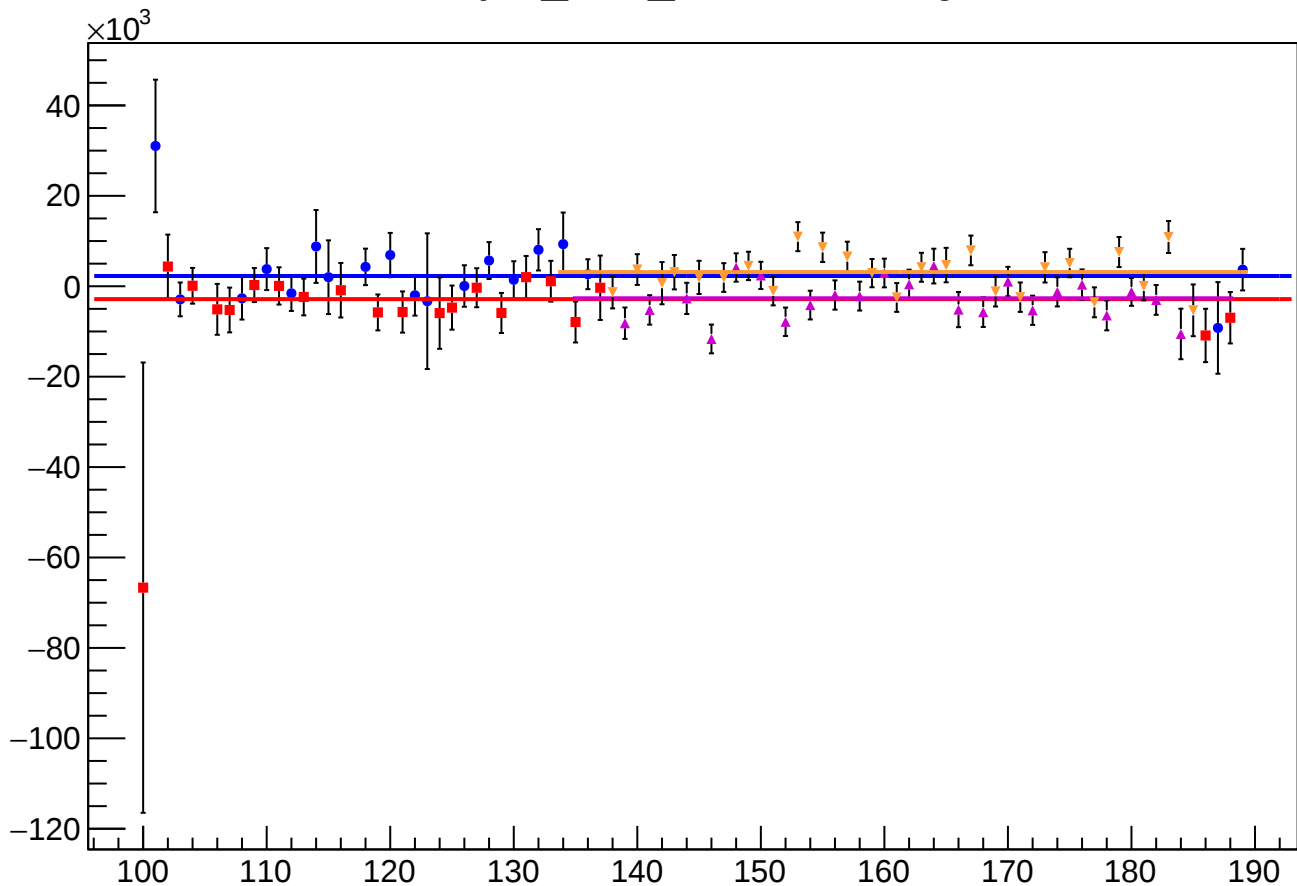
Left In: 809.059 $\pm$ 0.138 χ^2/NDF :986677.0/22

+ sign 825.167 $\pm$ 0.137 χ^2/NDF : 1274195.4/26

All: 821.224 $\pm$ 0.097 χ^2/NDF : 3033128.1/51

- sign 817.211 $\pm$ 0.138 χ^2/NDF : 1757258.0/24

asym_atr1_mean vs Slug



Right In: 2269.723+/-1114.753 χ^2/NDF : 15.8/18

Left Out: 3139.358+/-680.222 χ^2/NDF : 38.3/24

Right Out: -2845.532+/-1071.398 χ^2/NDF : 12.6/20

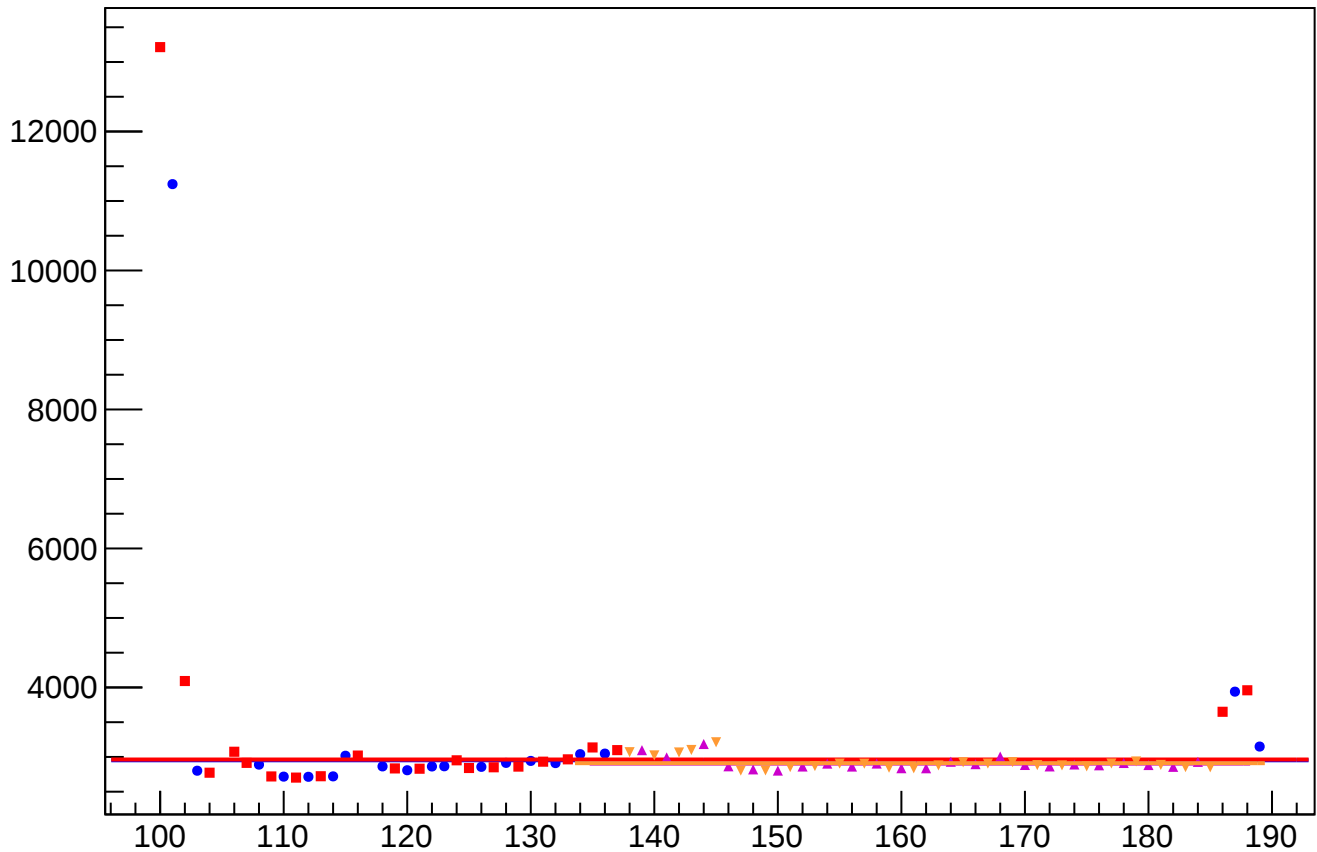
Left In: -2659.828+/-693.121 χ^2/NDF : 36.9/22

+ sign 2903.409+/-580.656 χ^2/NDF : 54.5/43

All: 100.683+/-411.045 χ^2/NDF : 150.7/87

- sign -2714.618+/-581.958 χ^2/NDF : 49.5/43

asym_atr1_rms vs Slug



Right In: 2951.994+/-0.788 χ^2/NDF : 686446.4/18

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

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

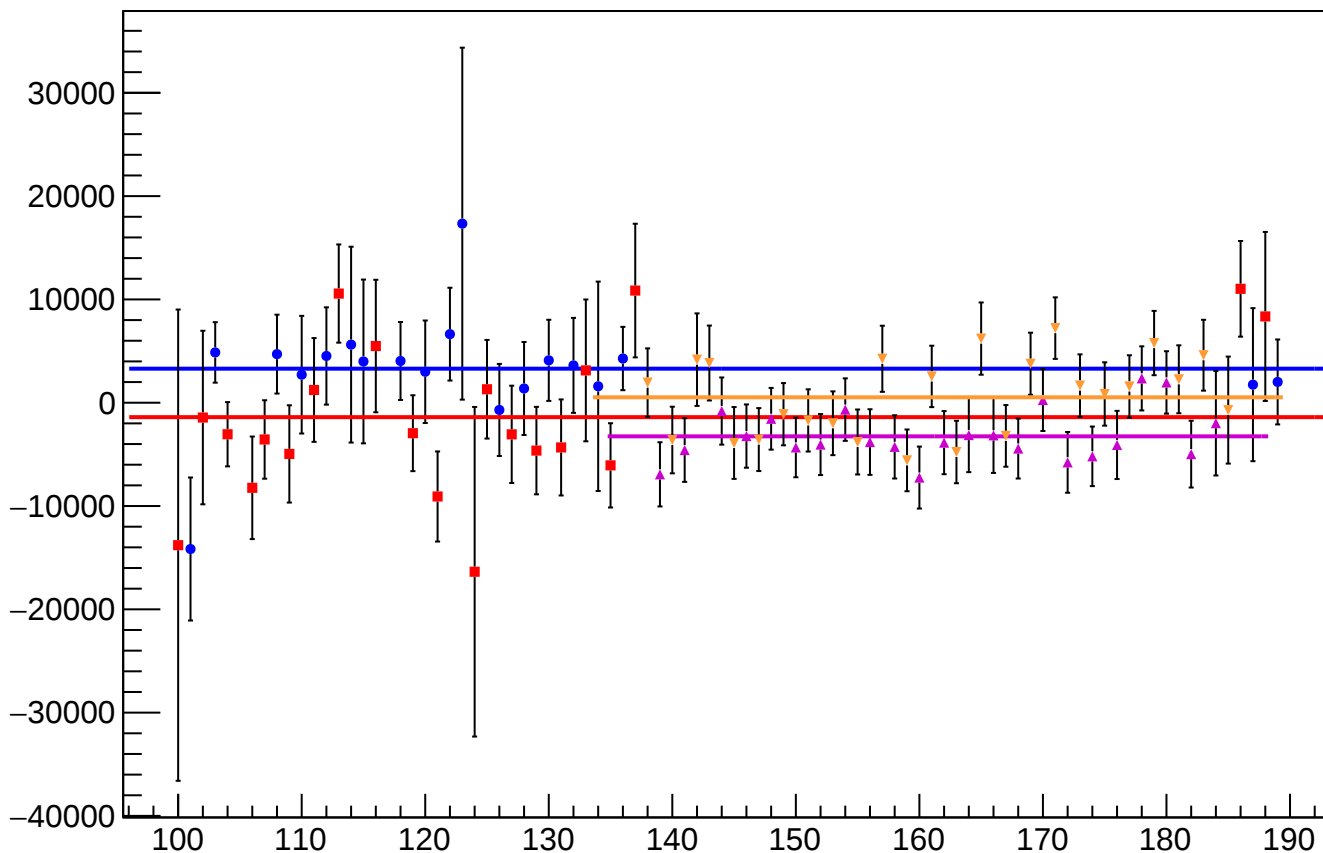
Left In: 2904.499+/-0.490 χ^2/NDF :30423.1/22

+ sign 2921.657+/-0.411 χ^2/NDF : 724559.6/43

All: 2921.728+/-0.291 χ^2/NDF : 1023902.7/87

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

dit_asym_atr2_mean vs Slug



Right In: 3296.354+/-1066.931 χ^2/NDF : 9.5/18

Left Out: 525.603+/-642.362 χ^2/NDF : 34.5/24

Right Out: -1395.742+/-1071.379 χ^2/NDF : 30.7/20

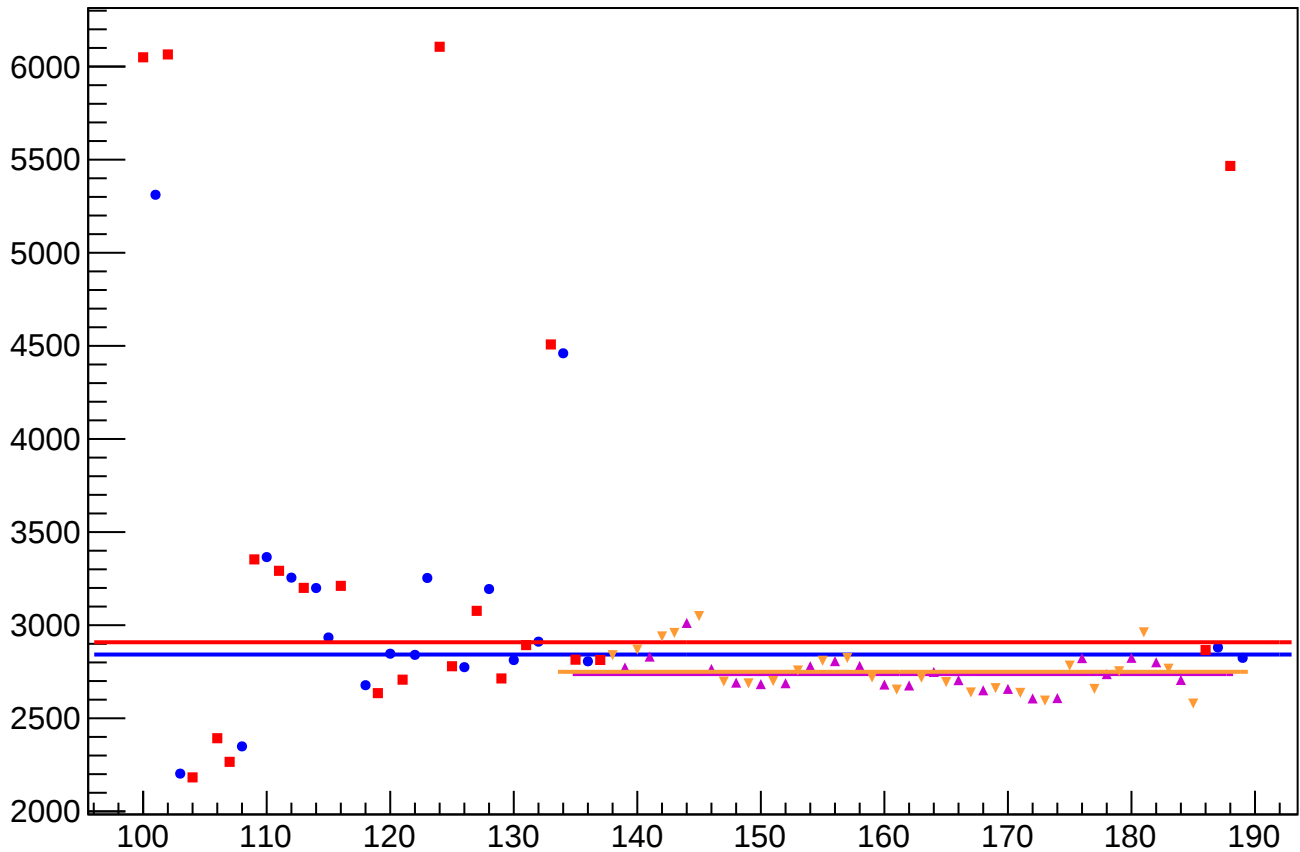
Left In: -3254.085+/-652.364 χ^2/NDF : 14.8/22

+ sign 1262.749+/-550.319 χ^2/NDF : 49.0/43

All: -719.419+/-391.543 χ^2/NDF : 122.9/87

- sign -2751.445+/-557.197 χ^2/NDF : 47.6/43

dit_asym_atr2_rms vs Slug



Right In: 2842.415+/-0.754 χ^2/NDF : 488205.1/18

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

+ sign 2774.338+/-0.389 χ^2/NDF : 560522.6/43

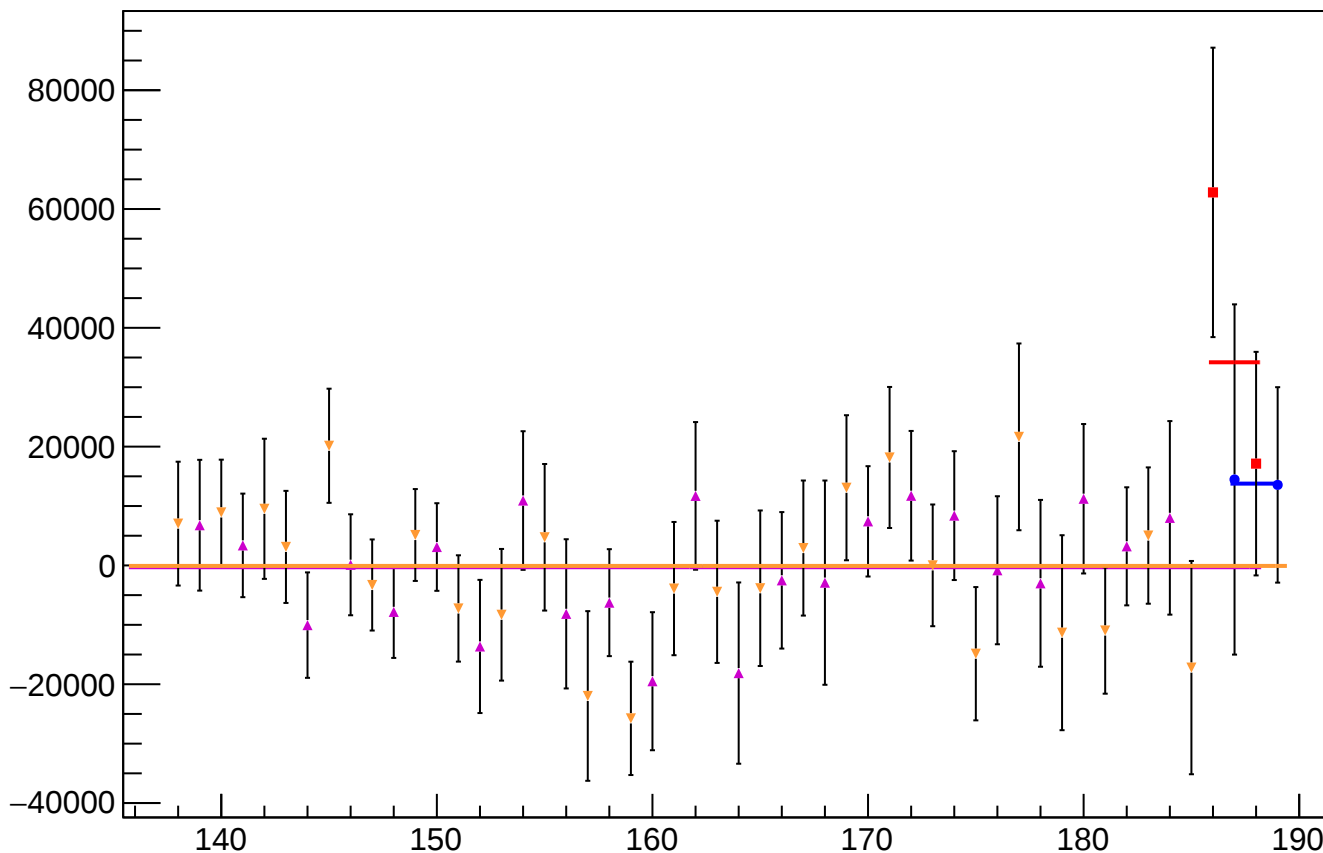
Right Out: 2908.335+/-0.757 χ^2/NDF : 959665.5/20

All: 2778.897+/-0.277 χ^2/NDF : 1594452.2/87

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

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

asym_atr2_correction_mean vs Slug



Right In: 13772.233 $\pm$ 14365.187 χ^2 /NDF: 0.0/1

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

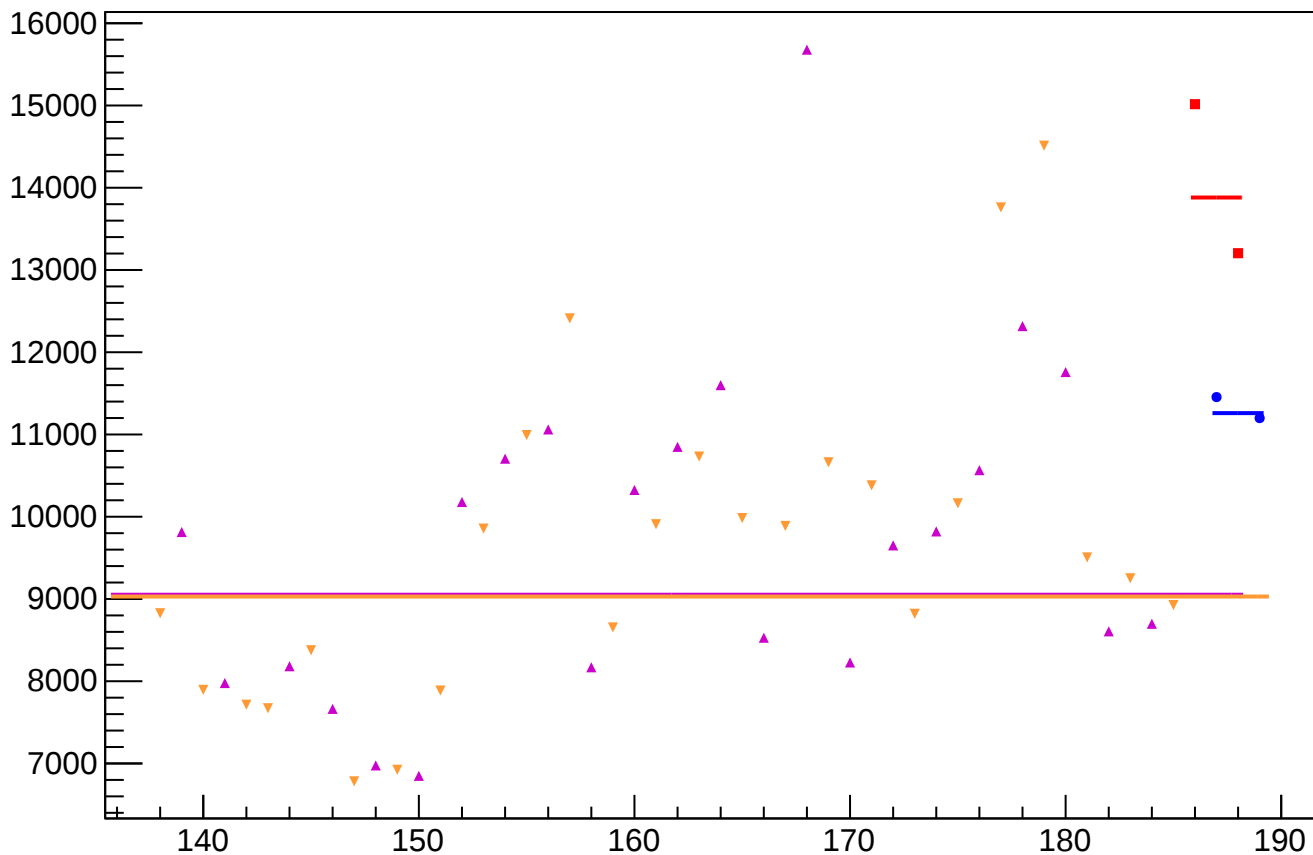
Left In: -302.846 $\pm$ 2201.549 χ^2 /NDF:15.0/22

+ sign 222.714 $\pm$ 2132.598 χ^2 /NDF: 29.4/26

All: 326.646 $\pm$ 1523.731 χ^2 /NDF: 51.9/51

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

asym_atr2_correction_rms vs Slug



Right In: 11259.770 $\pm$ 10.158 χ^2 /NDF: 114.7/1

Left Out: 9029.768 $\pm$ 1.525 χ^2 /NDF:1205548.5/24

Right Out: 13881.099 $\pm$ 10.530 χ^2 /NDF: 6928.2/1

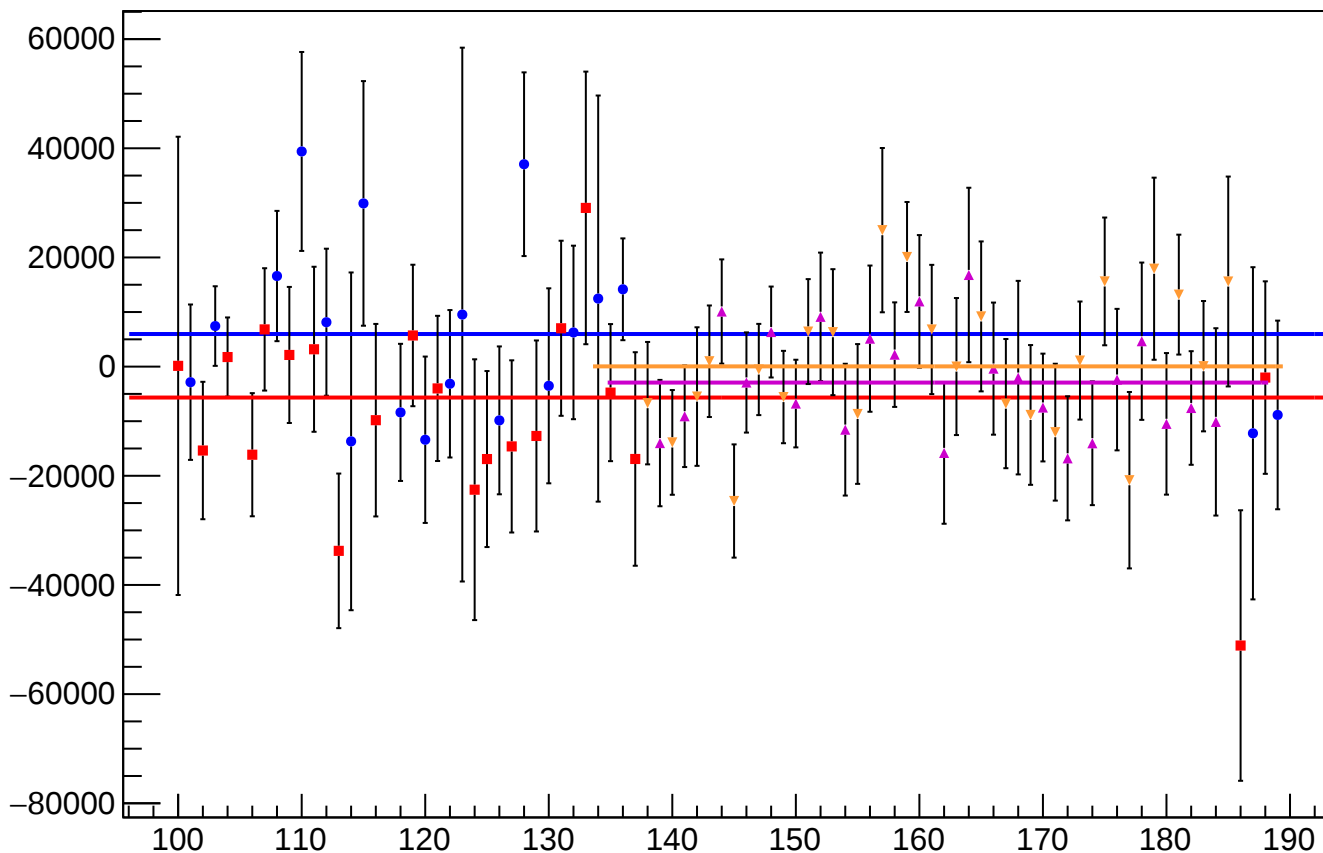
Left In: 9051.613 $\pm$ 1.557 χ^2 /NDF:1255222.8/22

+ sign 9078.915 $\pm$ 1.508 χ^2 /NDF: 1252797.8/26

All: 9116.112 $\pm$ 1.077 χ^2 /NDF: 2722035.5/53

- sign 9154.904 $\pm$ 1.540 χ^2 /NDF: 1467994.7/24

asym_atr2_mean vs Slug



Right In: 5972.384 $\pm$ 3304.233 χ^2 /NDF: 16.5/18

Left Out: 43.265 $\pm$ 2290.867 χ^2 /NDF: 25.9/24

Right Out: -5665.713 $\pm$ 3093.333 χ^2 /NDF: 17.0/20

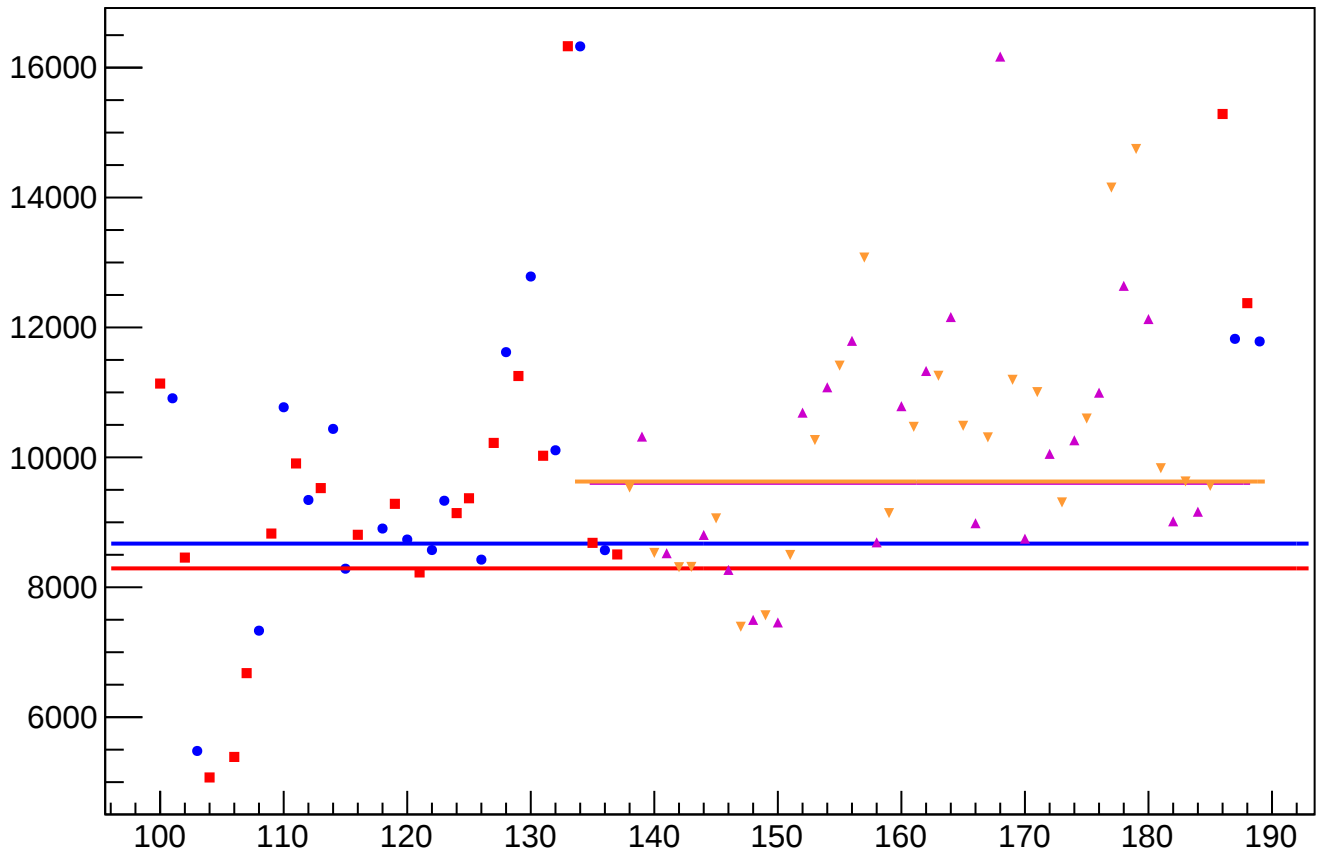
Left In: -2925.533 $\pm$ 2330.587 χ^2 /NDF: 14.6/22

+ sign 1968.069 $\pm$ 1882.647 χ^2 /NDF: 44.5/43

All: -1008.232 $\pm$ 1323.659 χ^2 /NDF: 81.6/87

- sign -3917.754 $\pm$ 1861.407 χ^2 /NDF: 32.2/43

asym_atr2_rms vs Slug



Right In: 8672.304+/-2.336 χ^2/NDF : 853345.5/18

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

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

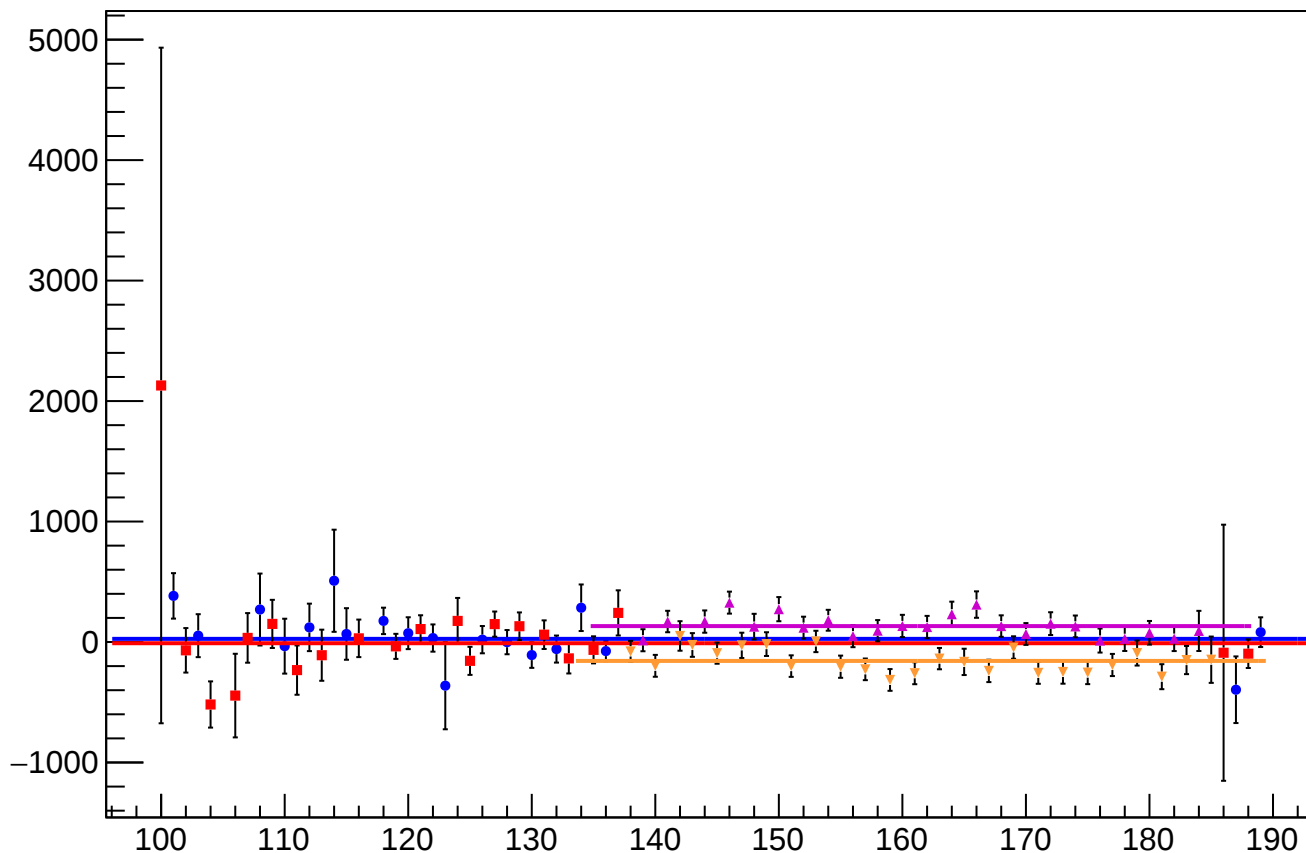
Left In: 9607.553+/-1.648 χ^2/NDF : 1085465.7/22

+ sign 9317.628+/-1.331 χ^2/NDF : 1970942.5/43

All: 9223.115+/-0.936 χ^2/NDF : 4528555.5/87

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

dit_asym_sam1_mean vs Slug



Right In: 26.177 ± 32.267 χ^2/NDF : 17.0/18

Left Out: -156.954 ± 19.364 χ^2/NDF : 26.0/24

Right Out: -10.040 ± 32.397 χ^2/NDF : 22.9/20

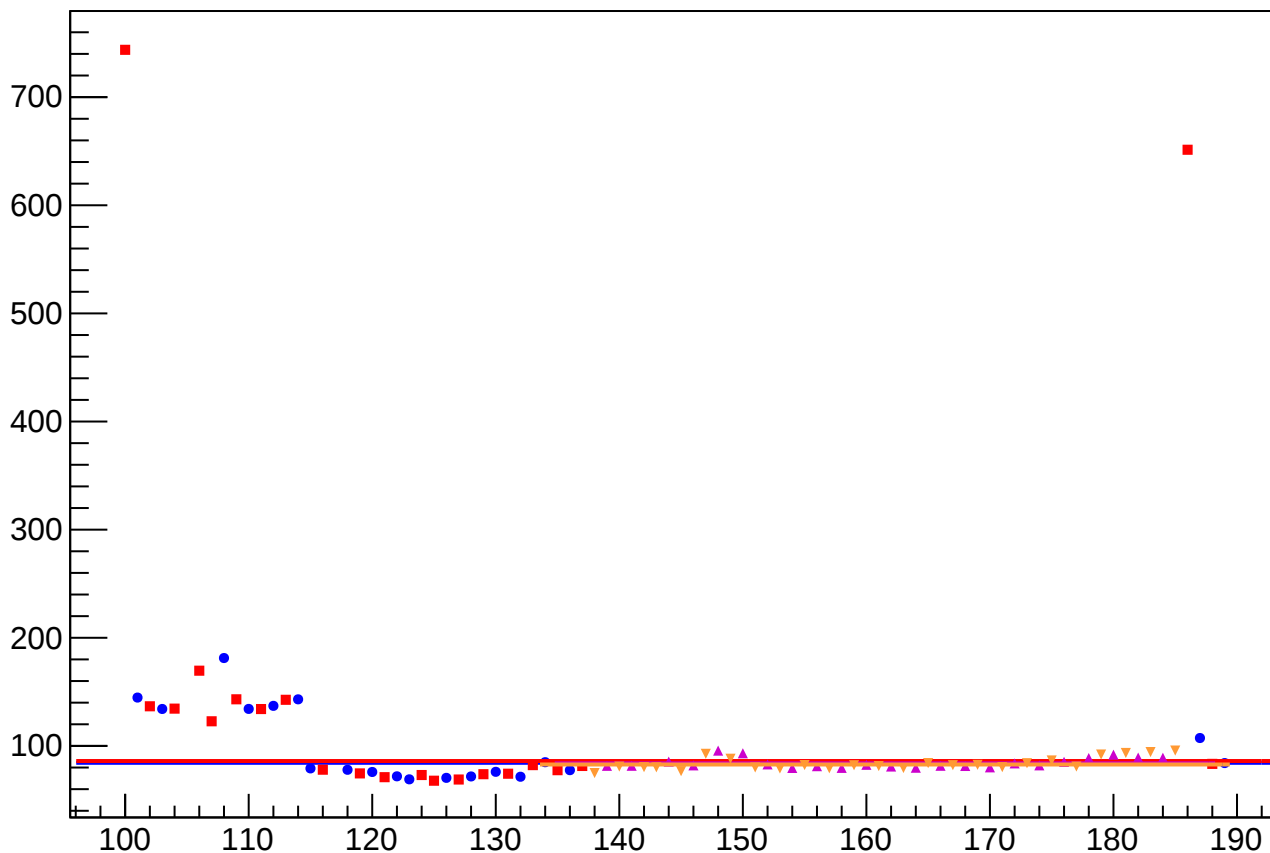
Left In: 132.100 ± 20.015 χ^2/NDF : 17.9/22

+ sign -108.465 ± 16.603 χ^2/NDF : 66.7/43

All: -10.352 ± 11.887 χ^2/NDF : 193.1/87

- sign 92.834 ± 17.027 χ^2/NDF : 54.7/43

dit_asym_sam1_rms vs Slug



Right In: 84.387 $\pm$ 0.023 χ^2 /NDF: 1019756.1/18

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

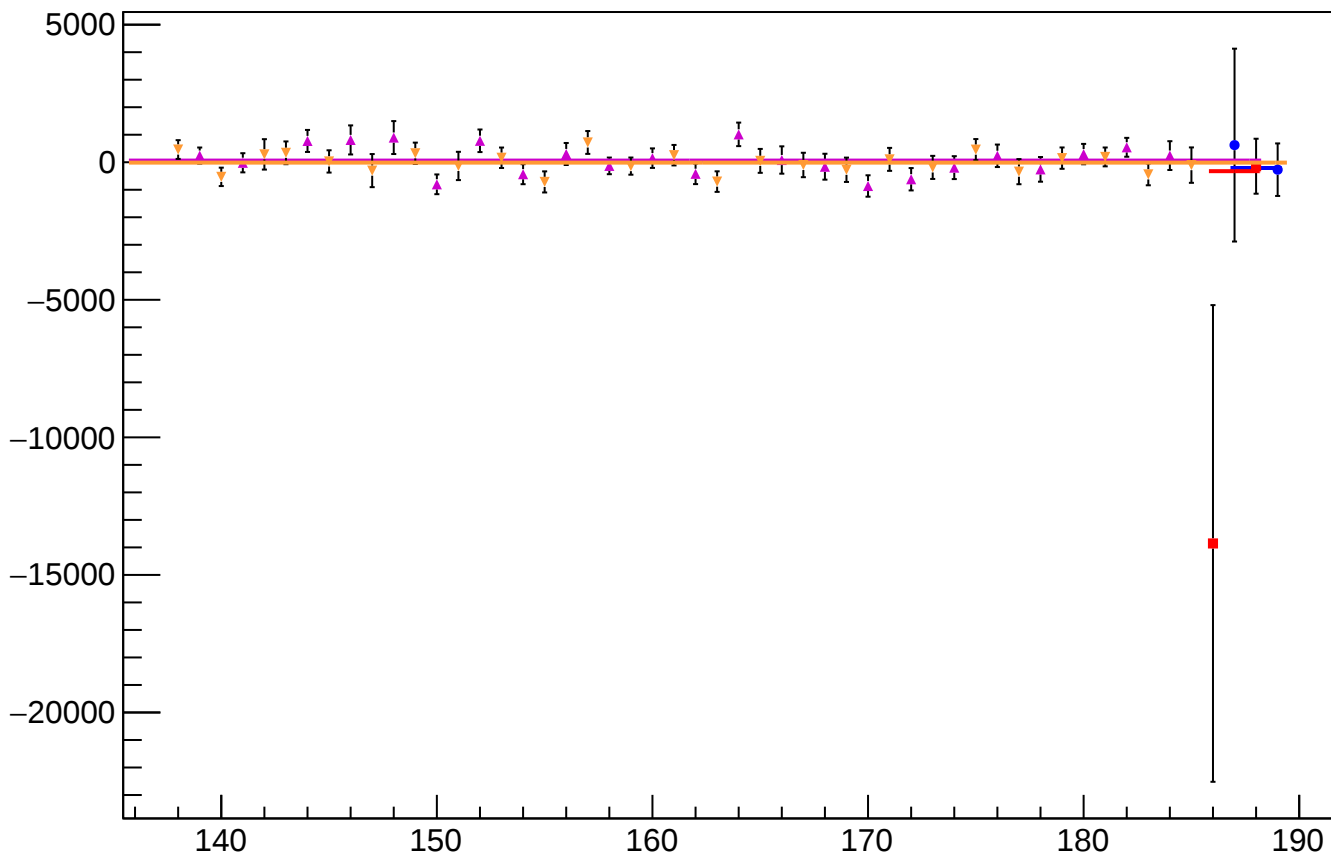
Left In: 83.857 $\pm$ 0.014 χ^2 /NDF: 94568.8/22

+ sign 83.233 $\pm$ 0.012 χ^2 /NDF: 1159223.4/43

All: 83.829 $\pm$ 0.008 χ^2 /NDF: 3047702.6/87

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

asym_sam1_correction_mean vs Slug



Right In: -209.036+/-921.189 χ^2/NDF : 0.1/1

Left Out: -13.413+/-80.897 χ^2/NDF : 21.6/24

Right Out: -324.383+/-992.292 χ^2/NDF : 2.5/1

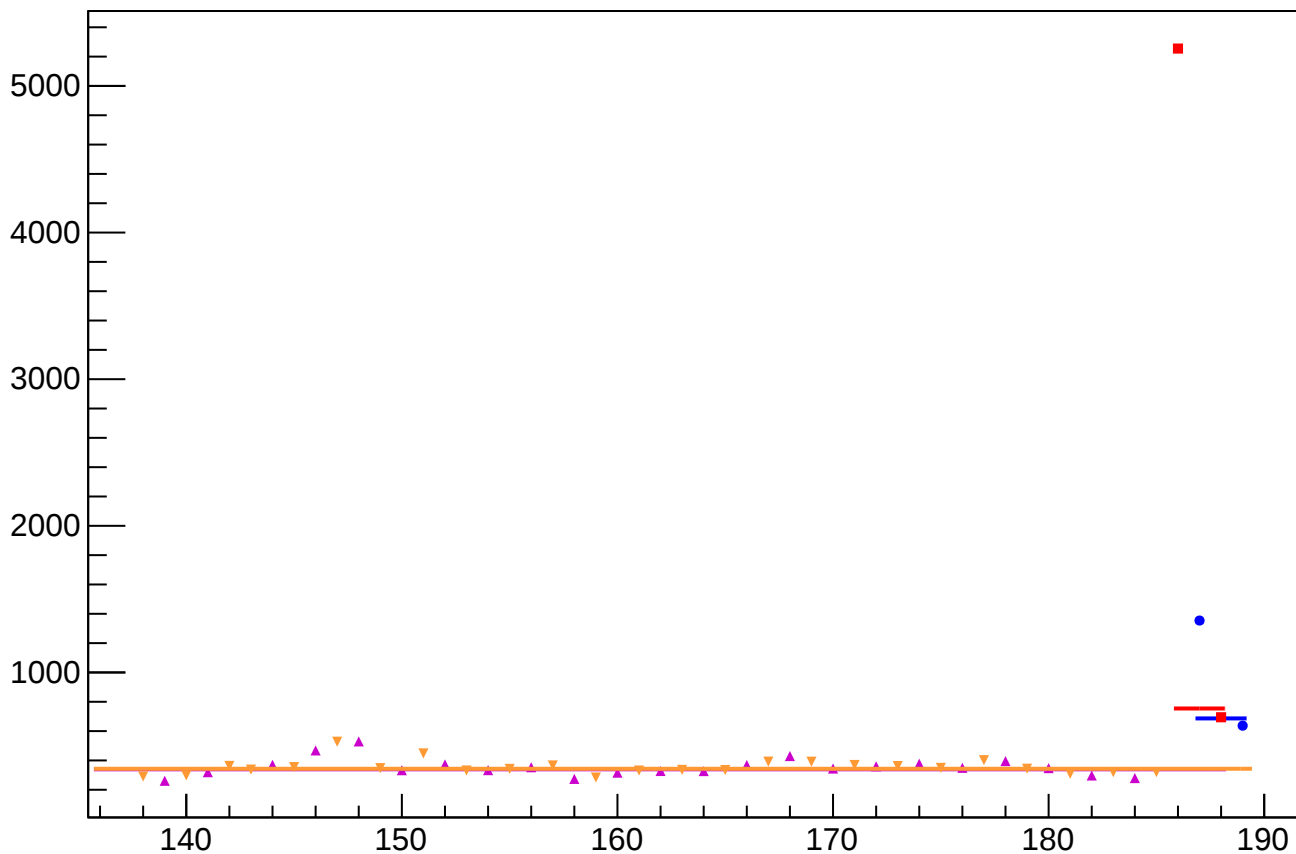
Left In: 60.223+/-81.951 χ^2/NDF : 37.9/22

+ sign -14.910+/-80.587 χ^2/NDF : 21.7/26

All: 20.868+/-57.364 χ^2/NDF : 62.7/51

- sign 57.618+/-81.673 χ^2/NDF : 40.6/24

asym_sam1_correction_rms vs Slug



Right In: 686.541 $\pm$ 0.651 χ^2 /NDF: 77913.0/1

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

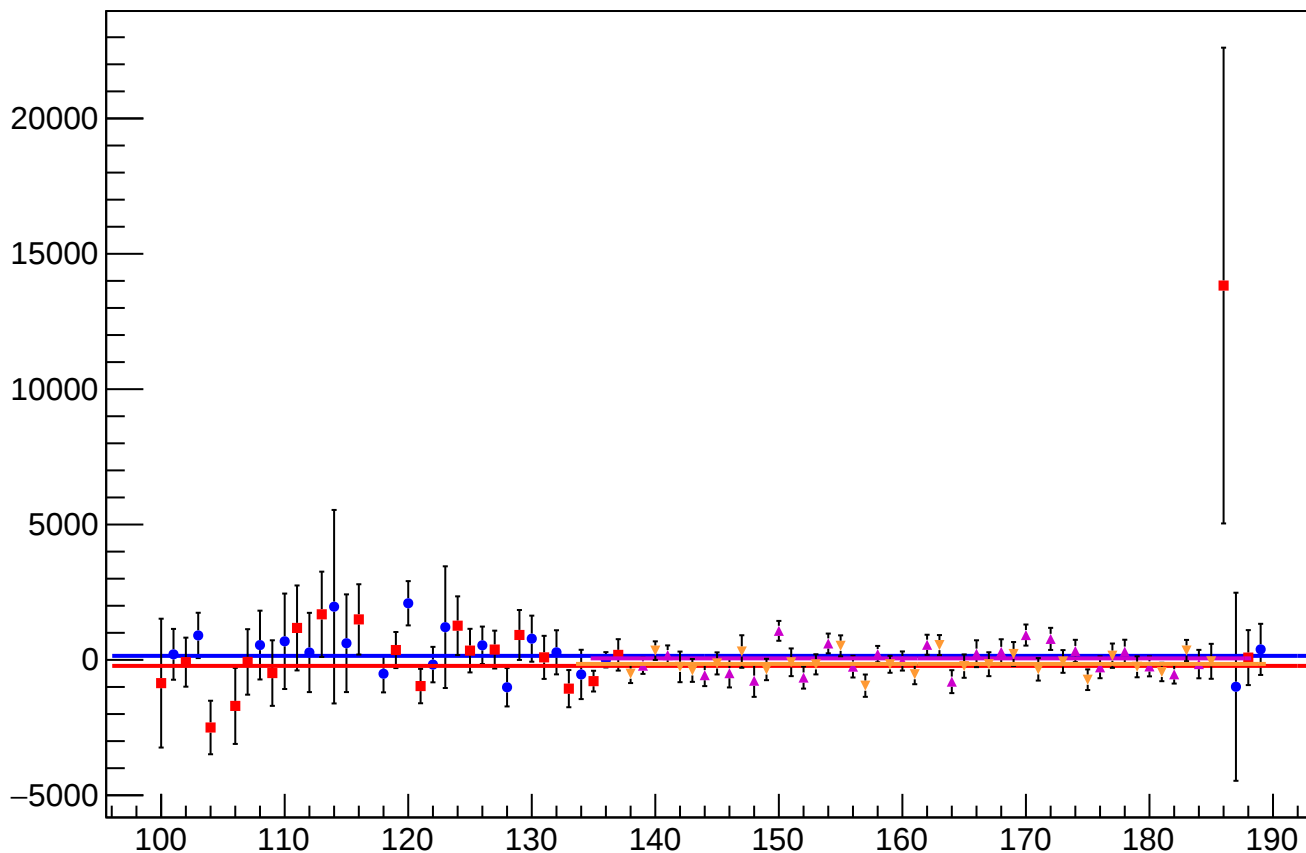
Left In: 339.423 $\pm$ 0.058 χ^2 /NDF: 795958.6/22

+ sign 345.756 $\pm$ 0.057 χ^2 /NDF: 920069.4/26

All: 344.018 $\pm$ 0.041 χ^2 /NDF: 2611980.3/51

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

asym_sam1_mean vs Slug



Right In: 149.067 ± 175.867 χ^2/NDF : 13.0/18

Left Out: -148.809 ± 81.017 χ^2/NDF : 22.0/24

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

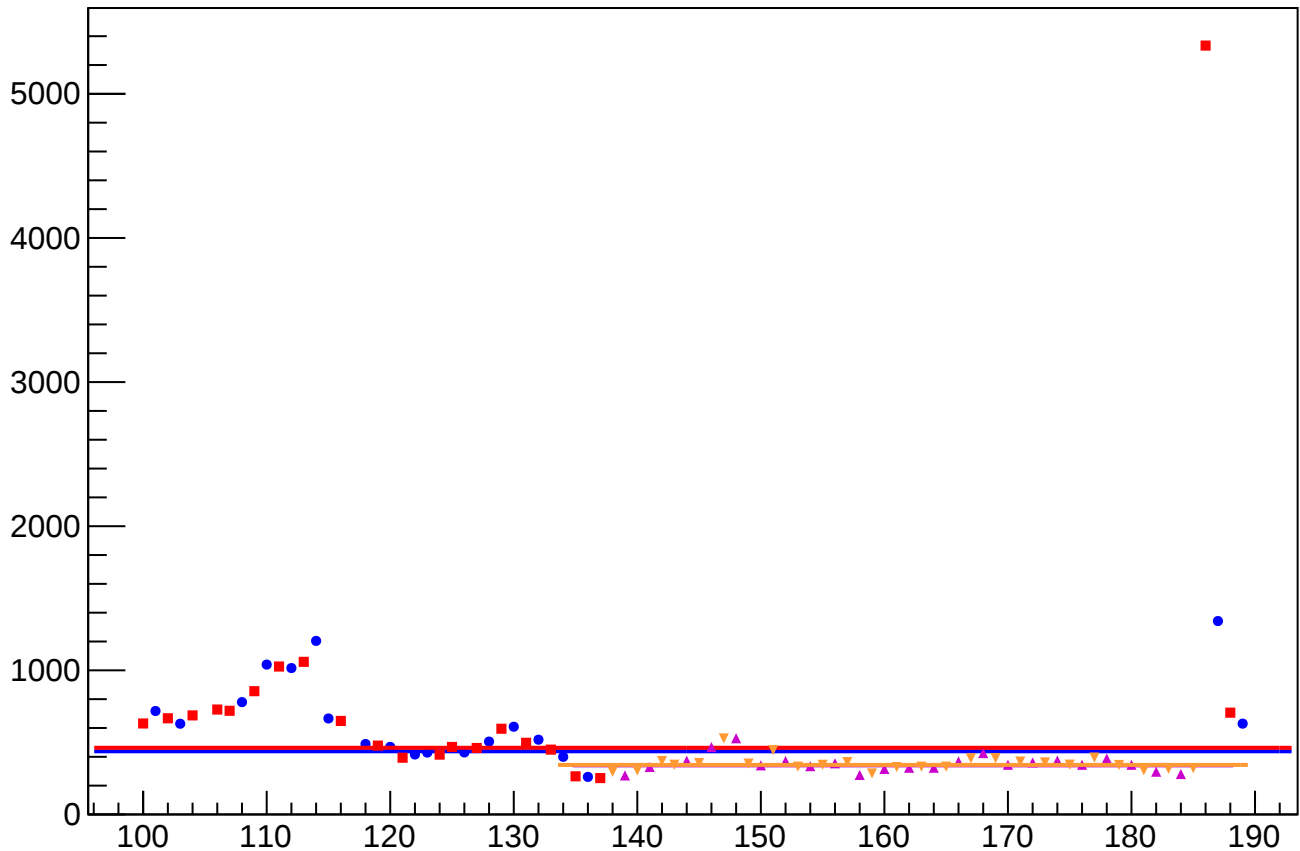
Left In: 56.402 ± 82.155 χ^2/NDF : 39.7/22

+ sign -96.661 ± 73.584 χ^2/NDF : 37.3/43

All: -44.745 ± 52.460 χ^2/NDF : 104.3/87

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

asym_sam1_rms vs Slug



Right In: 438.177 $\pm$ 0.124 χ^2 /NDF: 2235774.5/18

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

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

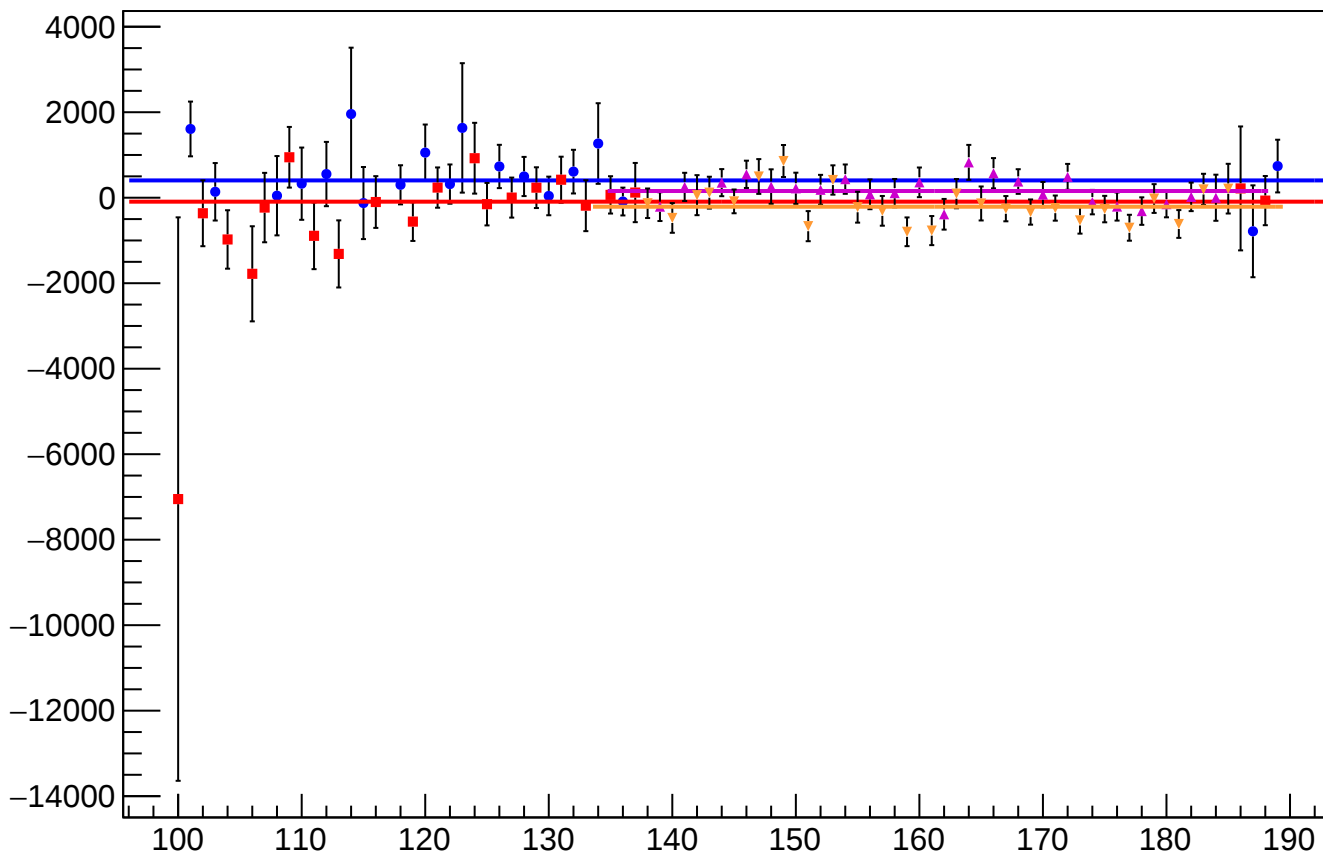
Left In: 340.519 $\pm$ 0.058 χ^2 /NDF: 737049.6/22

+ sign 360.291 $\pm$ 0.052 χ^2 /NDF: 3250537.9/43

All: 360.827 $\pm$ 0.037 χ^2 /NDF: 7518128.9/87

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

dit_asym_sam2_mean vs Slug



Right In: 404.760+/-135.408 χ^2/NDF : 12.9/18

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

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

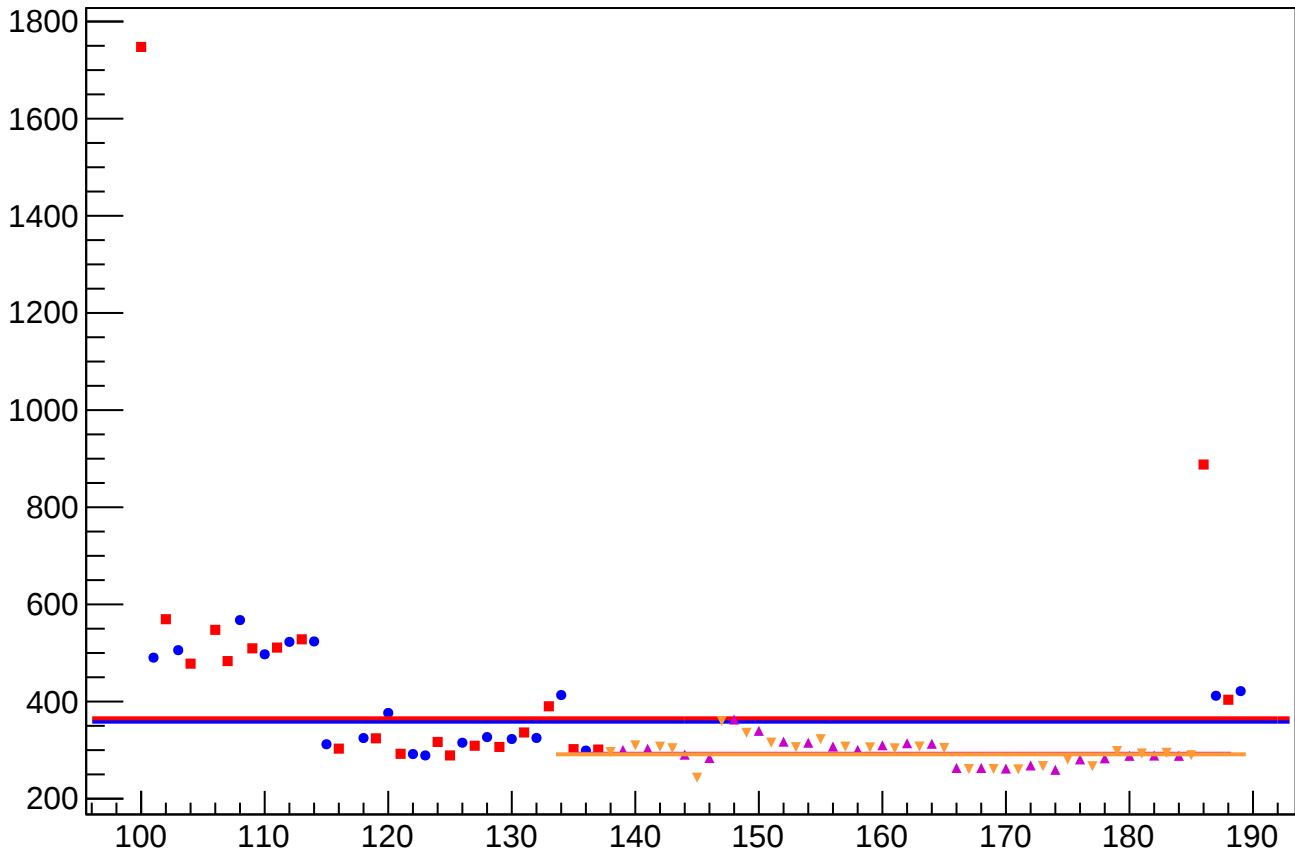
Left In: 156.945+/-69.984 χ^2/NDF : 18.0/22

+ sign -85.822+/-60.970 χ^2/NDF : 61.7/43

All: 7.303+/-43.507 χ^2/NDF : 102.8/87

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

dit_asym_sam2_rms vs Slug



Right In: 358.577 $\pm$ 0.096 χ^2 /NDF: 663799.8/18

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

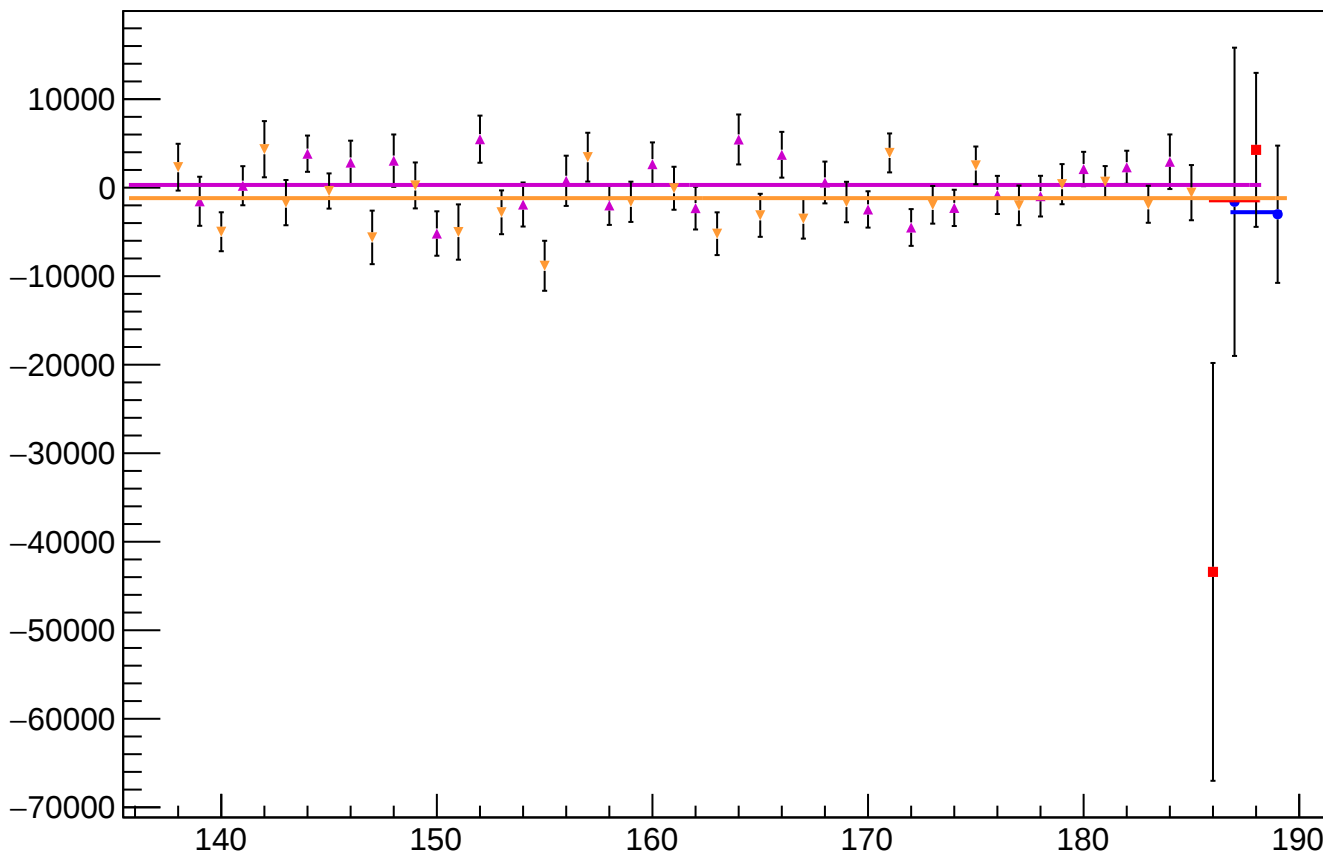
Left In: 292.469 $\pm$ 0.049 χ^2 /NDF: 239778.2/22

+ sign 305.008 $\pm$ 0.043 χ^2 /NDF: 1349512.1/43

All: 306.470 $\pm$ 0.031 χ^2 /NDF: 3207542.5/87

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

asym_sam2_correction_mean vs Slug



Right In: -2770.731 $\pm$ 7082.649 χ^2 /NDF: 0.0/1

Left Out: -1182.788 $\pm$ 475.576 χ^2 /NDF: 37.6/24

Right Out: -1431.800 $\pm$ 8161.631 χ^2 /NDF: 3.6/1

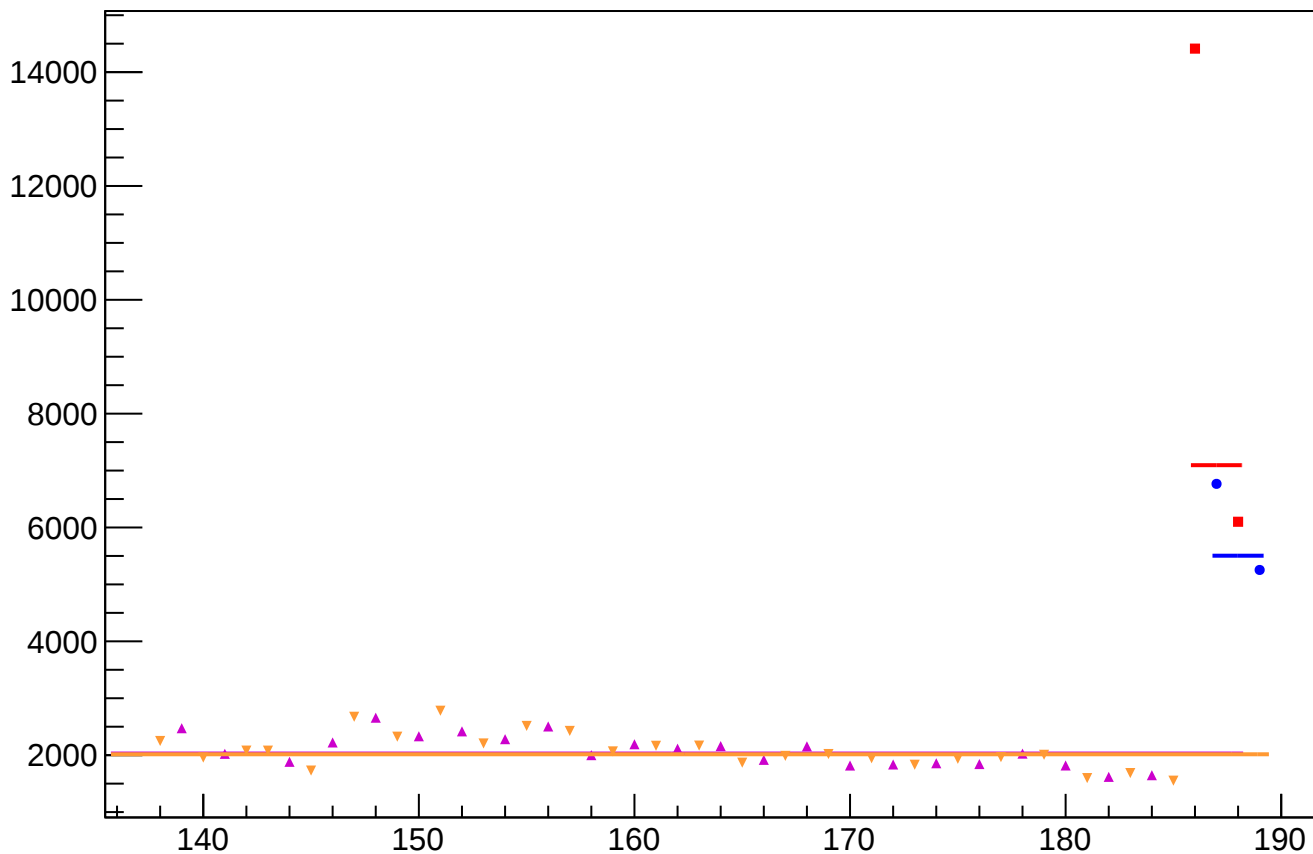
Left In: 306.633 $\pm$ 487.657 χ^2 /NDF: 35.0/22

+ sign -1189.916 $\pm$ 474.507 χ^2 /NDF: 37.7/26

All: -463.771 $\pm$ 339.786 χ^2 /NDF: 81.2/51

- sign 300.449 $\pm$ 486.789 χ^2 /NDF: 38.7/24

asym_sam2_correction_rms vs Slug



Right In: 5504.296+/-5.008 χ^2 /NDF: 12594.8/1

Left Out: 2015.502+/-0.336 χ^2 /NDF: 672832.0/24

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

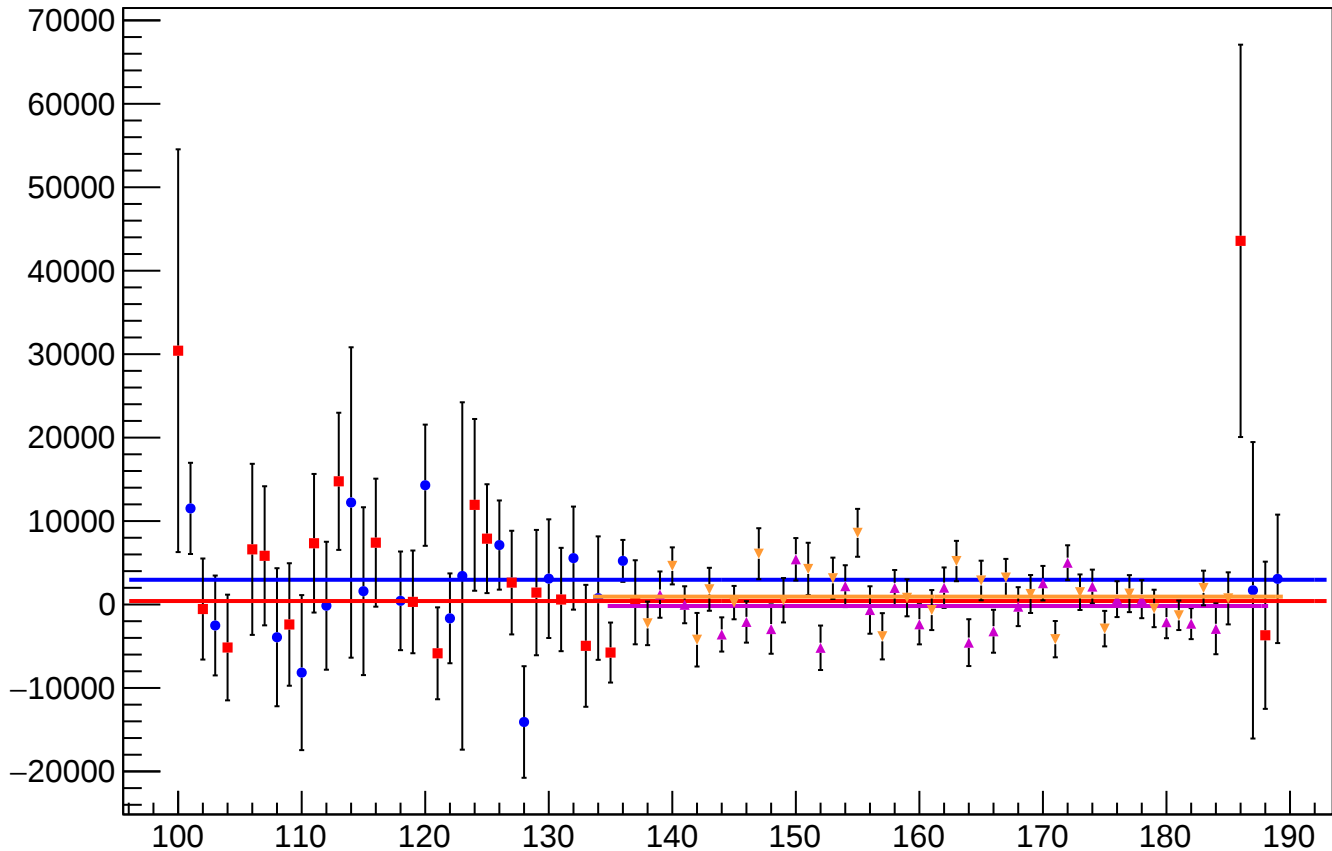
Left In: 2028.571+/-0.345 χ^2 /NDF: 555843.5/22

+ sign 2031.161+/-0.336 χ^2 /NDF: 1168525.2/26

All: 2038.680+/-0.240 χ^2 /NDF: 2711702.0/51

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

asym_sam2_mean vs Slug



Right In: 2964.705+/-1411.426 χ^2/NDF : 17.4/18

Left Out: 942.775+/-474.439 χ^2/NDF : 38.3/24

Right Out: 416.343+/-1482.581 χ^2/NDF : 18.9/20

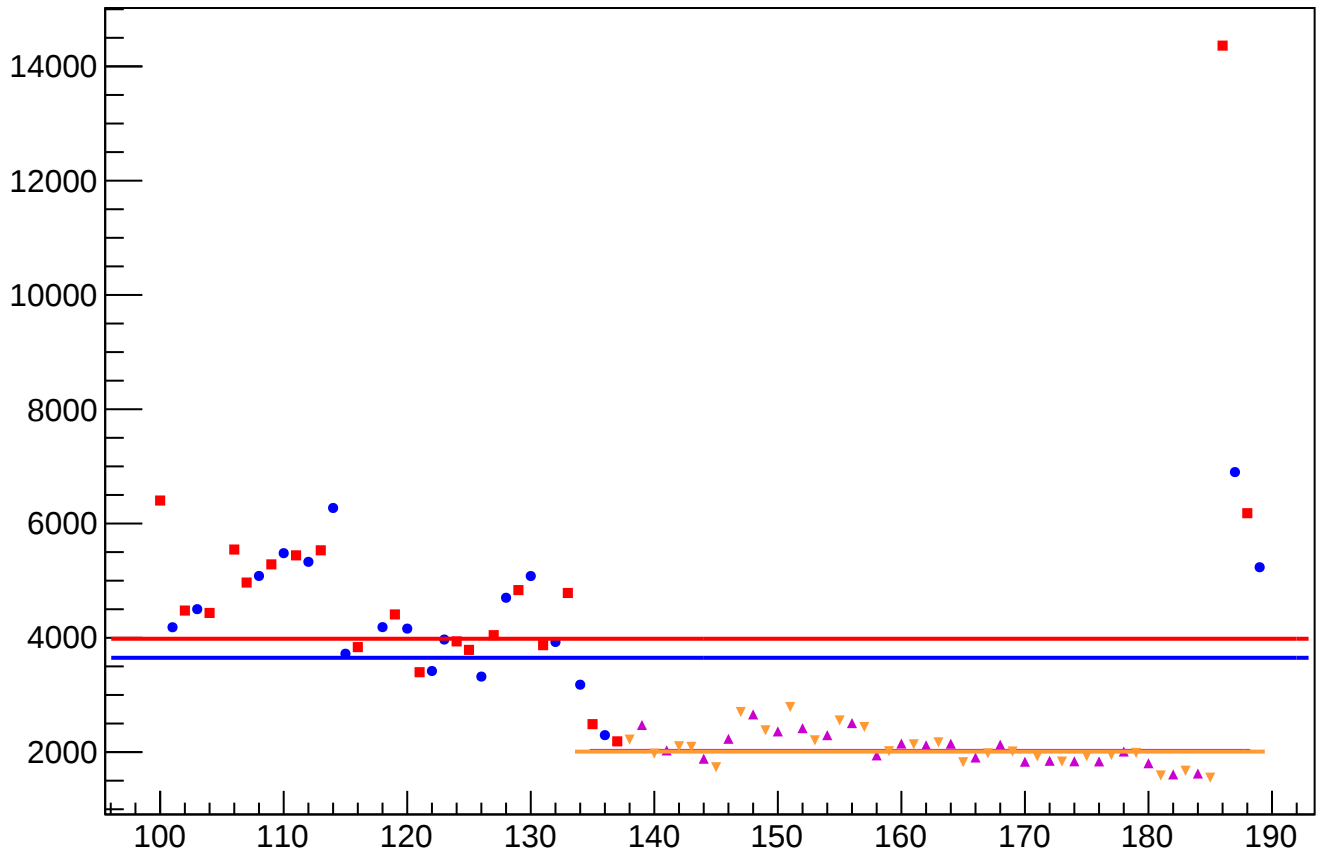
Left In: -180.087+/-486.112 χ^2/NDF : 32.9/22

+ sign 1148.042+/-449.712 χ^2/NDF : 57.5/43

All: 529.927+/-322.222 χ^2/NDF : 113.4/87

- sign -122.191+/-461.916 χ^2/NDF : 52.0/43

asym_sam2_rms vs Slug



Right In: 3650.359+/-0.998 χ^2/NDF : 1246180.6/18

Left Out: 2008.897+/-0.335 χ^2/NDF : 709254.4/24

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

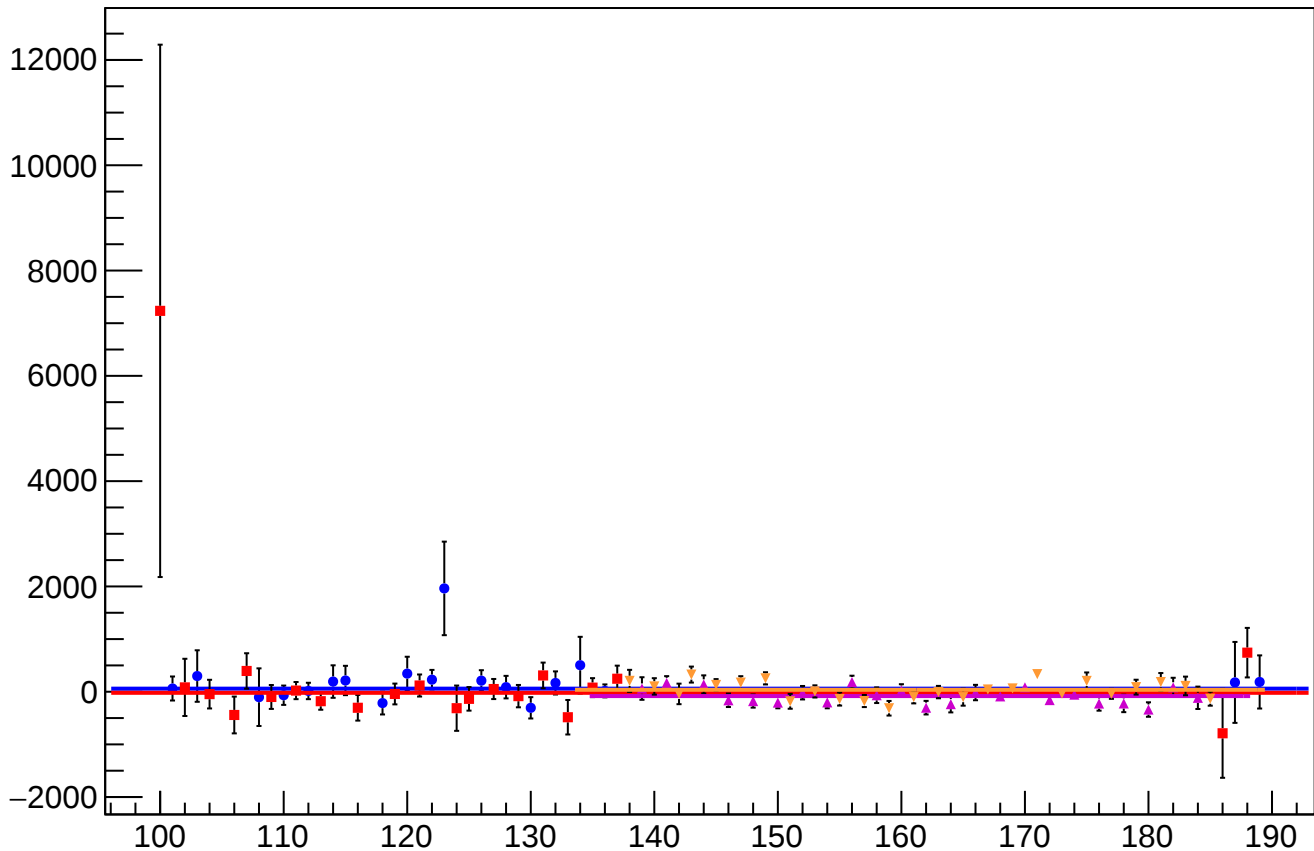
Left In: 2020.887+/-0.344 χ^2/NDF : 576363.5/22

+ sign 2175.539+/-0.318 χ^2/NDF : 4385869.5/43

All: 2192.999+/-0.228 χ^2/NDF : 9646132.1/87

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

dit_asym_sam3_mean vs Slug



Right In: 58.627 ± 53.446 χ^2/NDF : 14.2/18

Left Out: 37.025 ± 24.393 χ^2/NDF : 41.9/24

Right Out: -20.372 ± 53.572 χ^2/NDF : 17.7/20

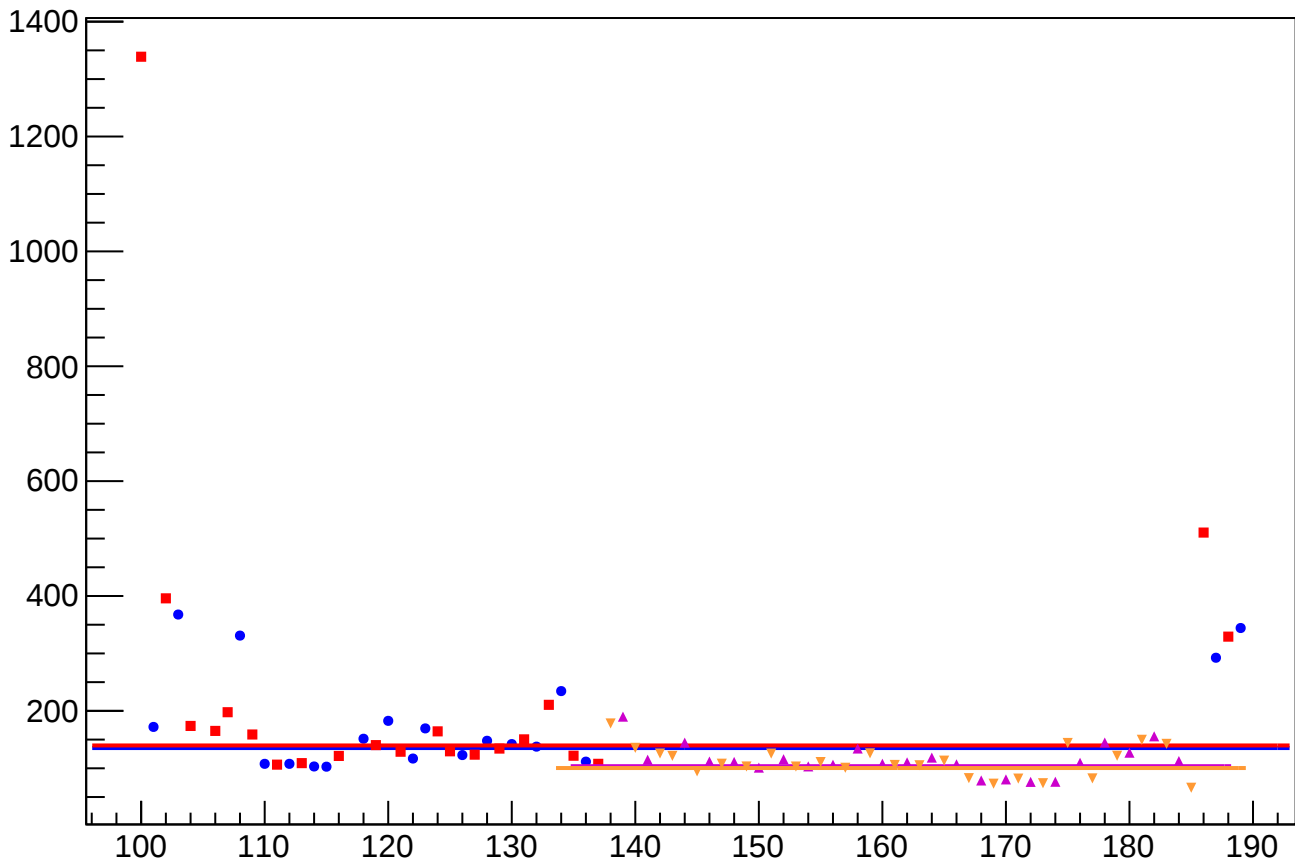
Left In: -82.367 ± 25.719 χ^2/NDF : 29.6/22

+ sign 40.749 ± 22.191 χ^2/NDF : 56.2/43

All: -12.562 ± 16.032 χ^2/NDF : 116.8/87

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

dit_asym_sam3_rms vs Slug



Right In: 135.258 ± 0.038 χ^2/NDF : 1578096.7/18

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

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

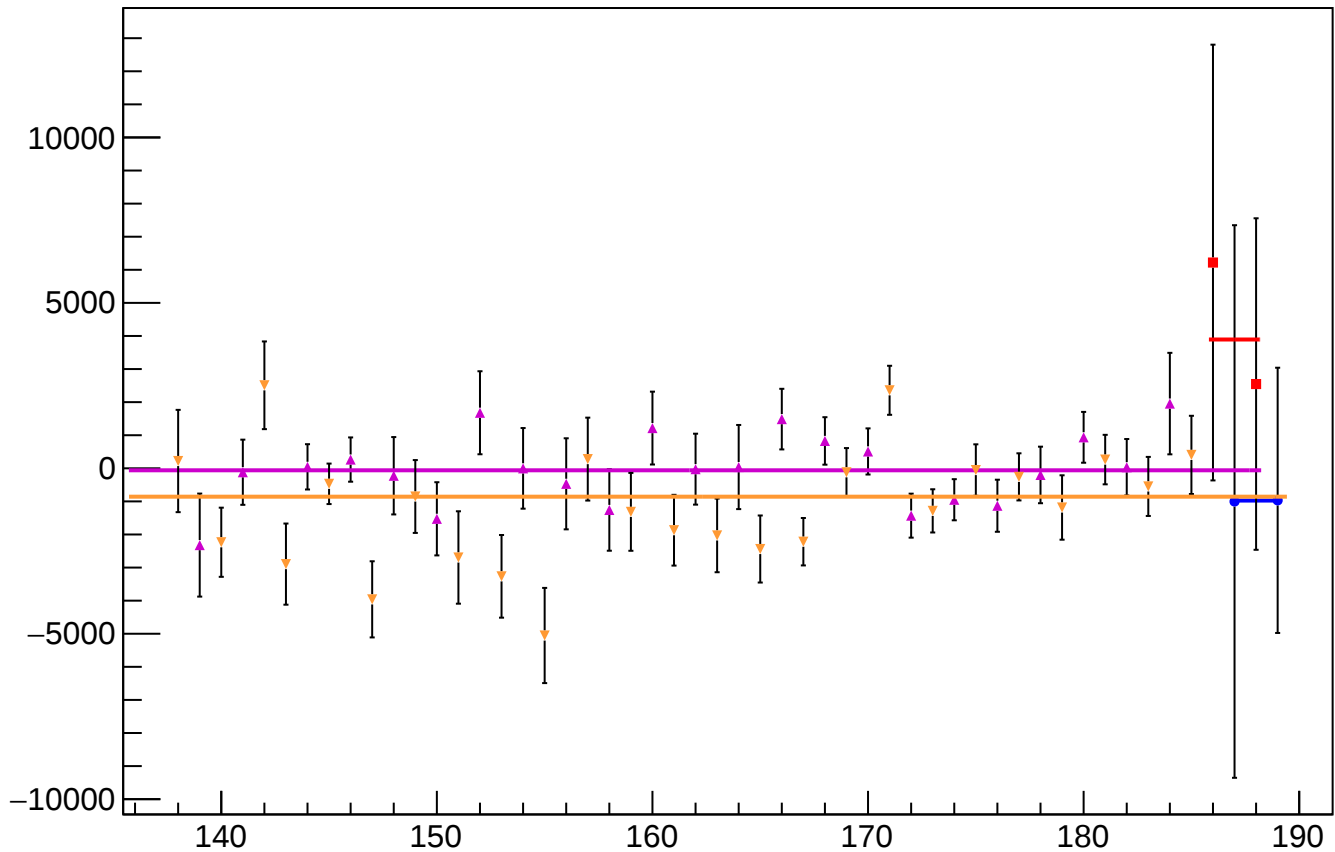
Left In: 103.707 ± 0.018 χ^2/NDF : 1640646.4/22

+ sign 106.467 ± 0.016 χ^2/NDF : 4137283.4/43

All: 108.379 ± 0.011 χ^2/NDF : 8275541.4/87

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

asym_sam3_correction_mean vs Slug



Right In: -974.643+/-3613.621 χ^2/NDF : 0.0/1

Left Out: -857.296+/-186.036 χ^2/NDF : 67.8/24

Right Out: 3893.213+/-3987.124 χ^2/NDF : 0.2/1

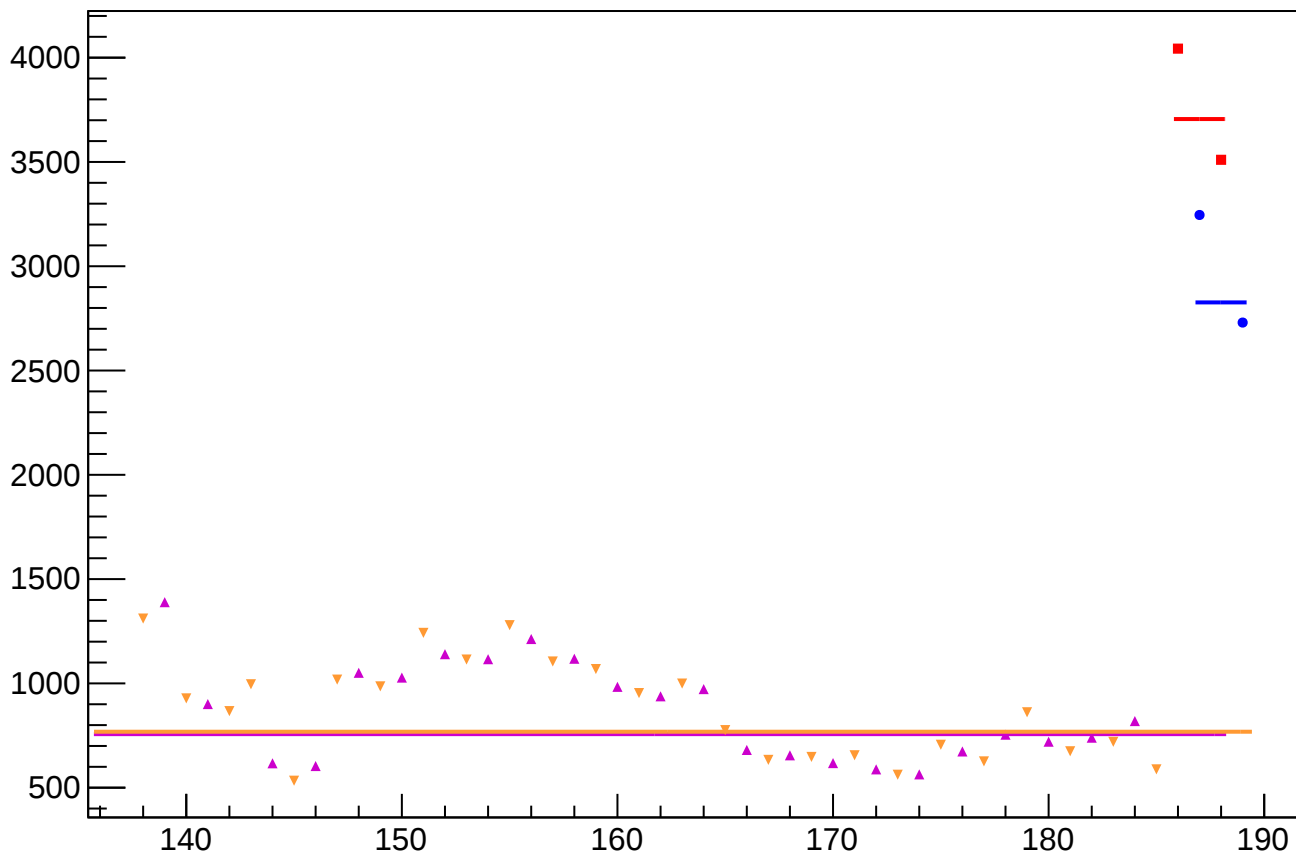
Left In: -59.875+/-186.696 χ^2/NDF : 25.1/22

+ sign -857.606+/-185.790 χ^2/NDF : 67.8/26

All: -455.935+/-131.621 χ^2/NDF : 103.4/51

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

asym_sam3_correction_rms vs Slug



Right In: 2826.588 $\pm$ 2.555 χ^2 /NDF: 6201.8/1

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

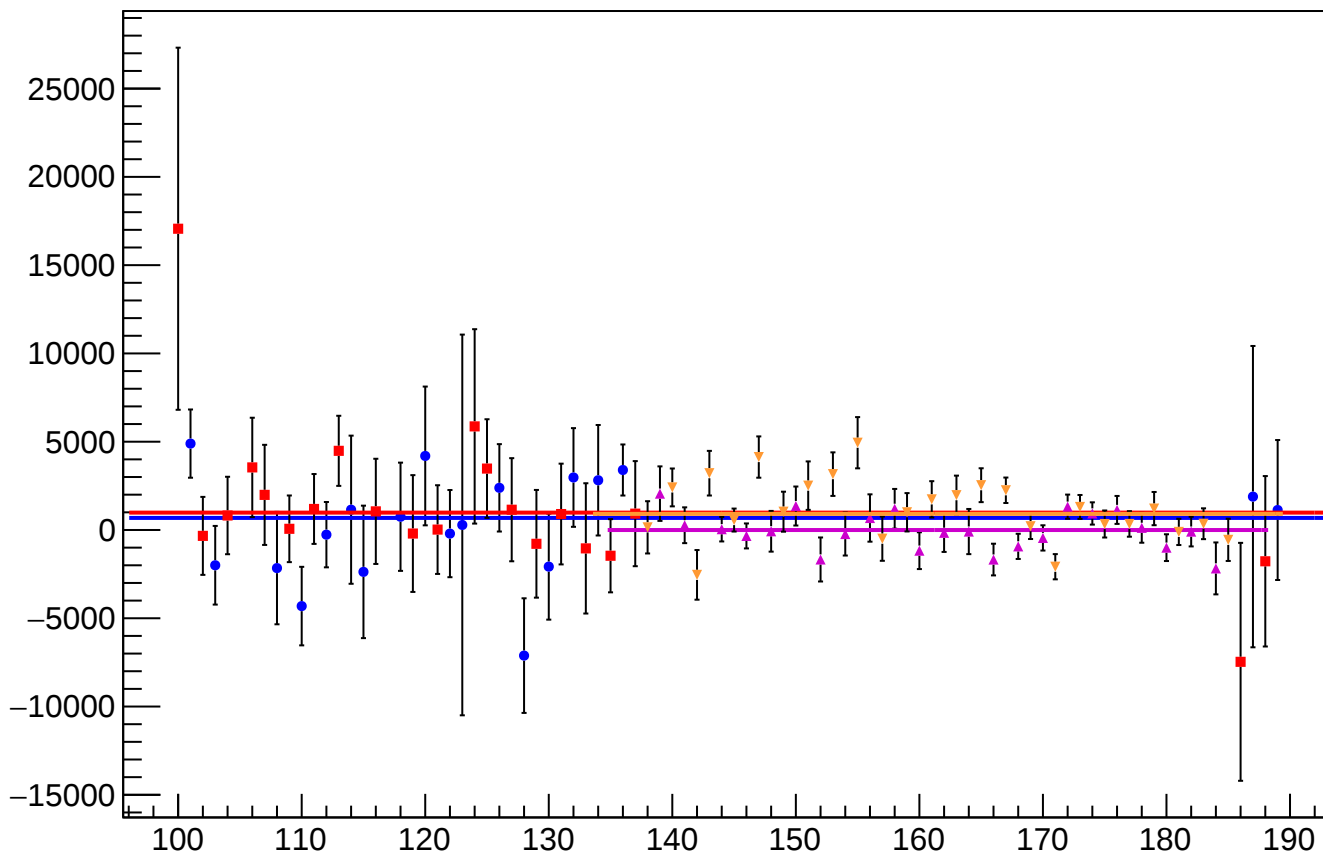
Left In: 756.684 $\pm$ 0.132 χ^2 /NDF: 2245661.1/22

+ sign 773.721 $\pm$ 0.131 χ^2 /NDF: 3117064.8/26

All: 768.448 $\pm$ 0.093 χ^2 /NDF: 6465999.7/51

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

asym_sam3_mean vs Slug



Right In: 683.693 $\pm$ 609.869 χ^2 /NDF: 25.7/18

Left Out: 911.919 $\pm$ 186.104 χ^2 /NDF: 64.9/24

Right Out: 983.708 $\pm$ 595.655 χ^2 /NDF: 12.9/20

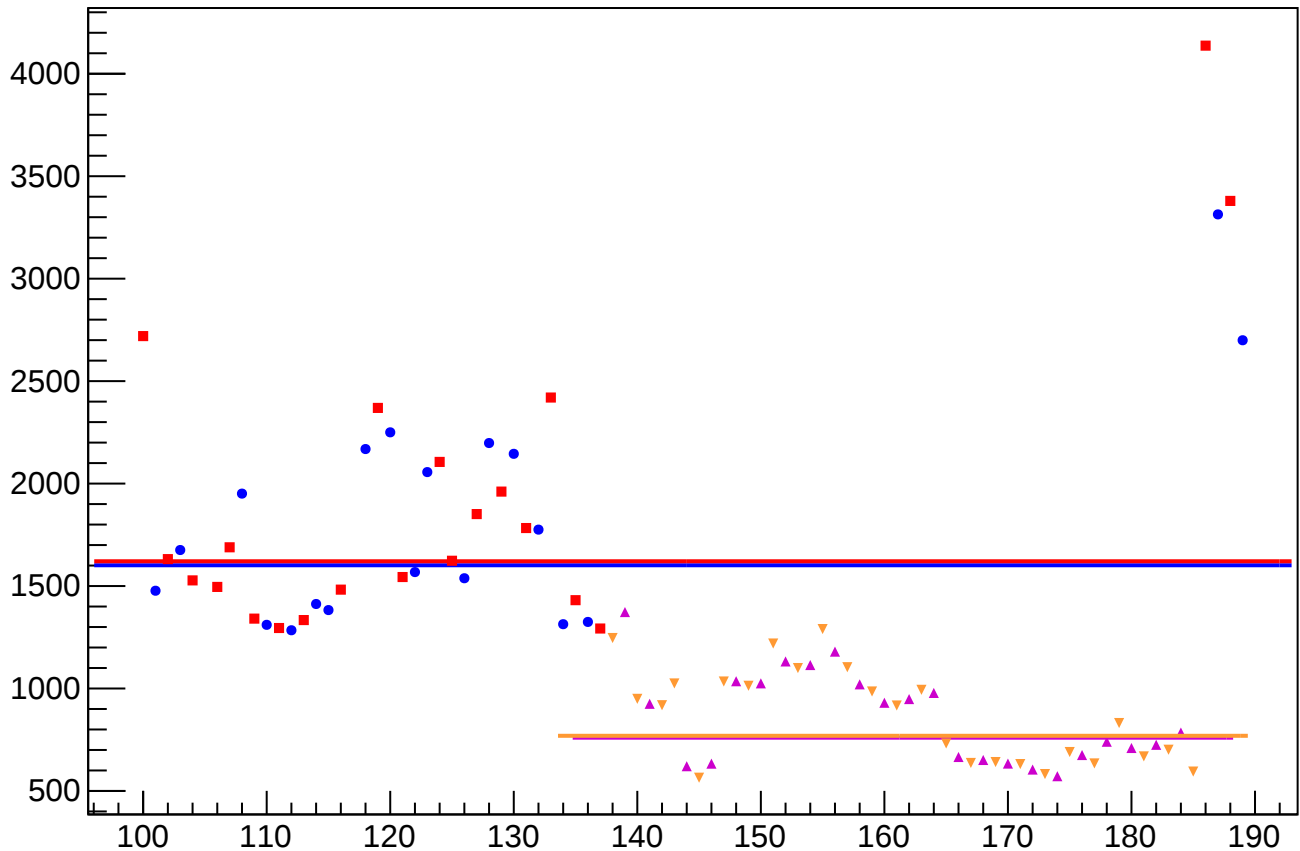
Left In: -2.470 $\pm$ 187.271 χ^2 /NDF: 25.6/22

+ sign 892.477 $\pm$ 178.001 χ^2 /NDF: 90.7/43

All: 490.825 $\pm$ 126.095 χ^2 /NDF: 142.0/87

- sign 86.240 $\pm$ 178.650 χ^2 /NDF: 41.0/43

asym_sam3_rms vs Slug



Right In: 1601.394 ± 0.431 $\chi^2/NDF: 731499.4/18$

Left Out: 769.207 ± 0.132 $\chi^2/NDF: 2275390.6/24$

+ sign 840.099 ± 0.126 $\chi^2/NDF: 6413568.0/43$

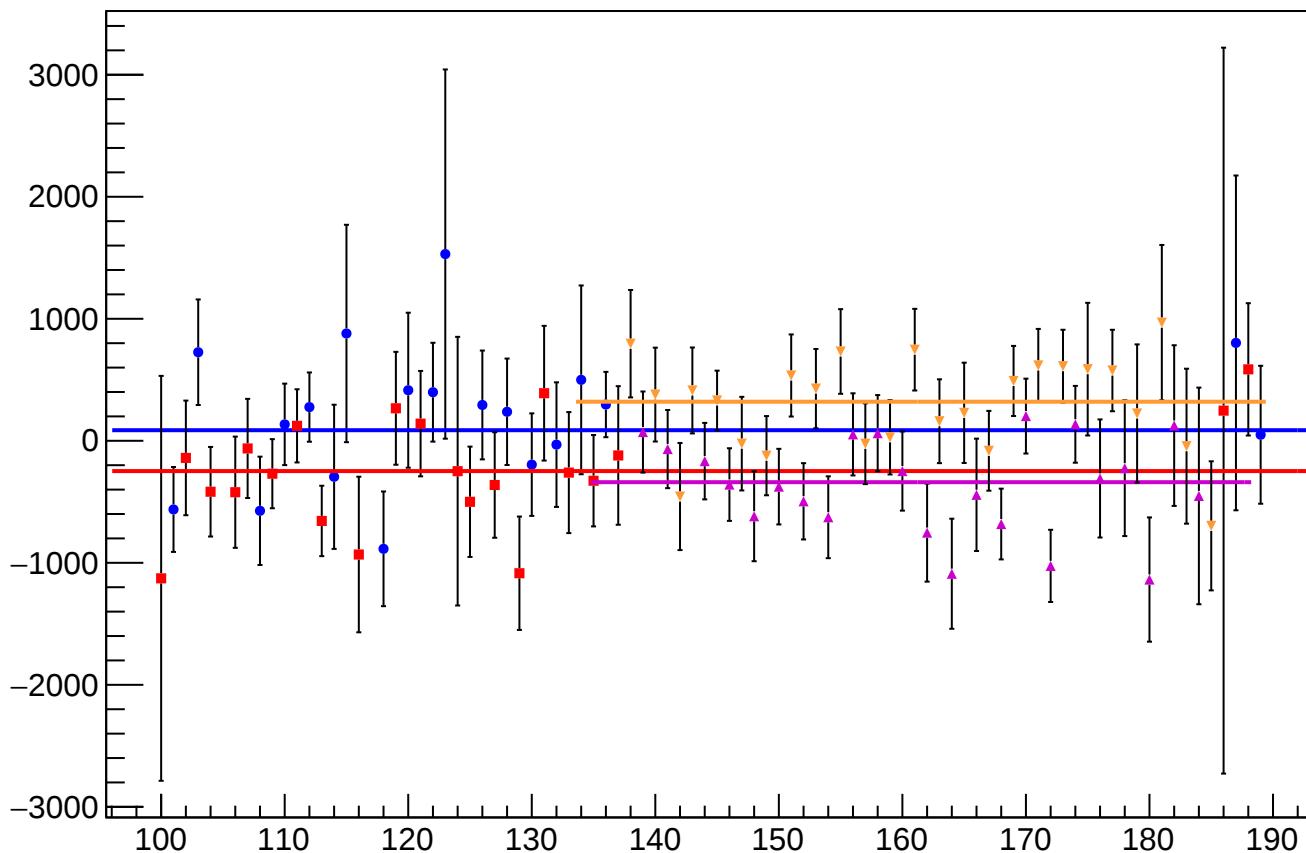
Right Out: 1620.907 ± 0.421 $\chi^2/NDF: 1018870.5/20$

All: 838.745 ± 0.089 $\chi^2/NDF: 13249986.0/87$

- sign 837.382 ± 0.126 $\chi^2/NDF: 6836185.9/43$

Left In: 759.935 ± 0.132 $\chi^2/NDF: 2014703.5/22$

dit_asym_sam4_mean vs Slug



Right In: 86.767 ± 101.640 χ^2/NDF : 17.6/18

Left Out: 320.359 ± 71.442 χ^2/NDF : 22.6/24

Right Out: -248.144 ± 96.195 χ^2/NDF : 15.1/20

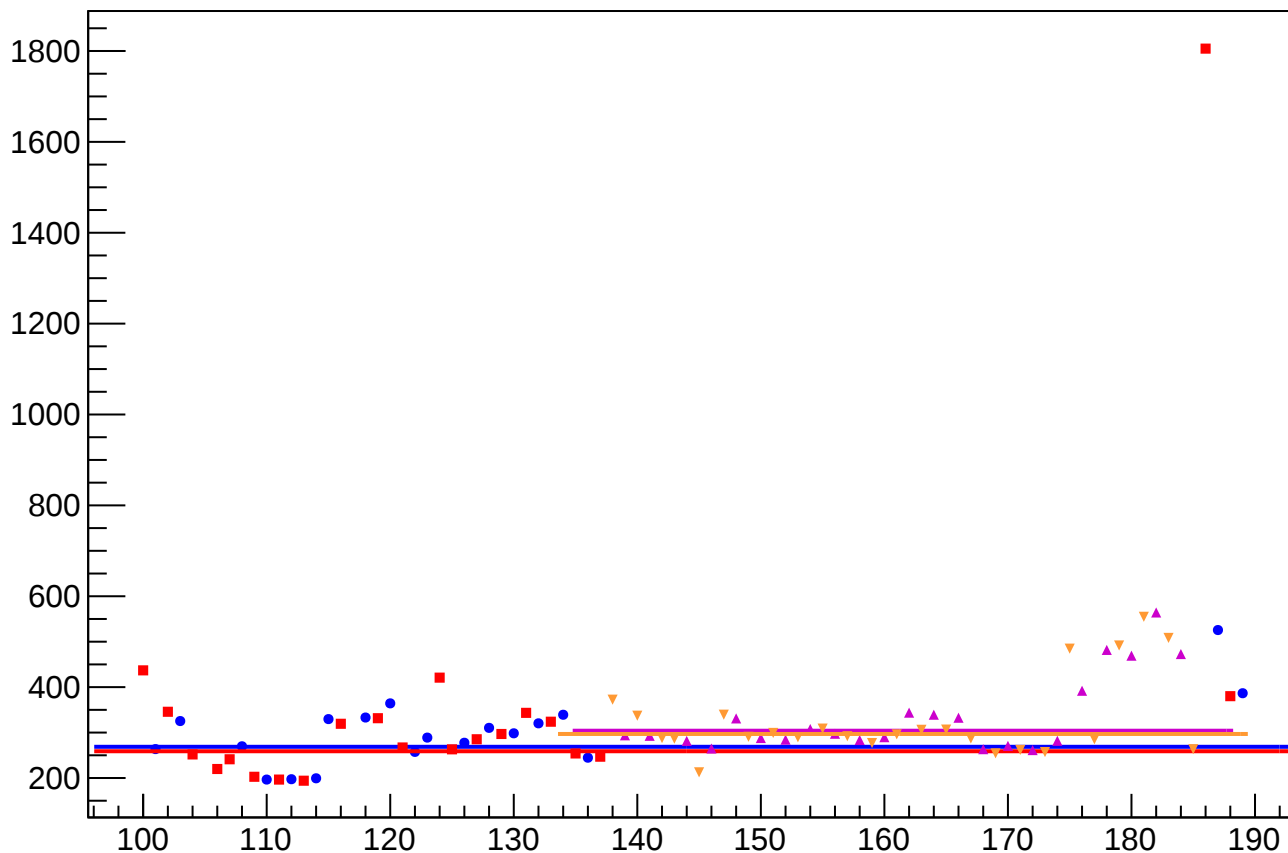
Left In: -339.260 ± 74.418 χ^2/NDF : 26.3/22

+ sign 243.115 ± 58.448 χ^2/NDF : 43.8/43

All: -29.087 ± 41.474 χ^2/NDF : 129.4/87

- sign -305.145 ± 58.861 χ^2/NDF : 41.9/43

dit_asym_sam4_rms vs Slug



Right In: 268.690 $\pm$ 0.072 χ^2 /NDF: 615423.7/18

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

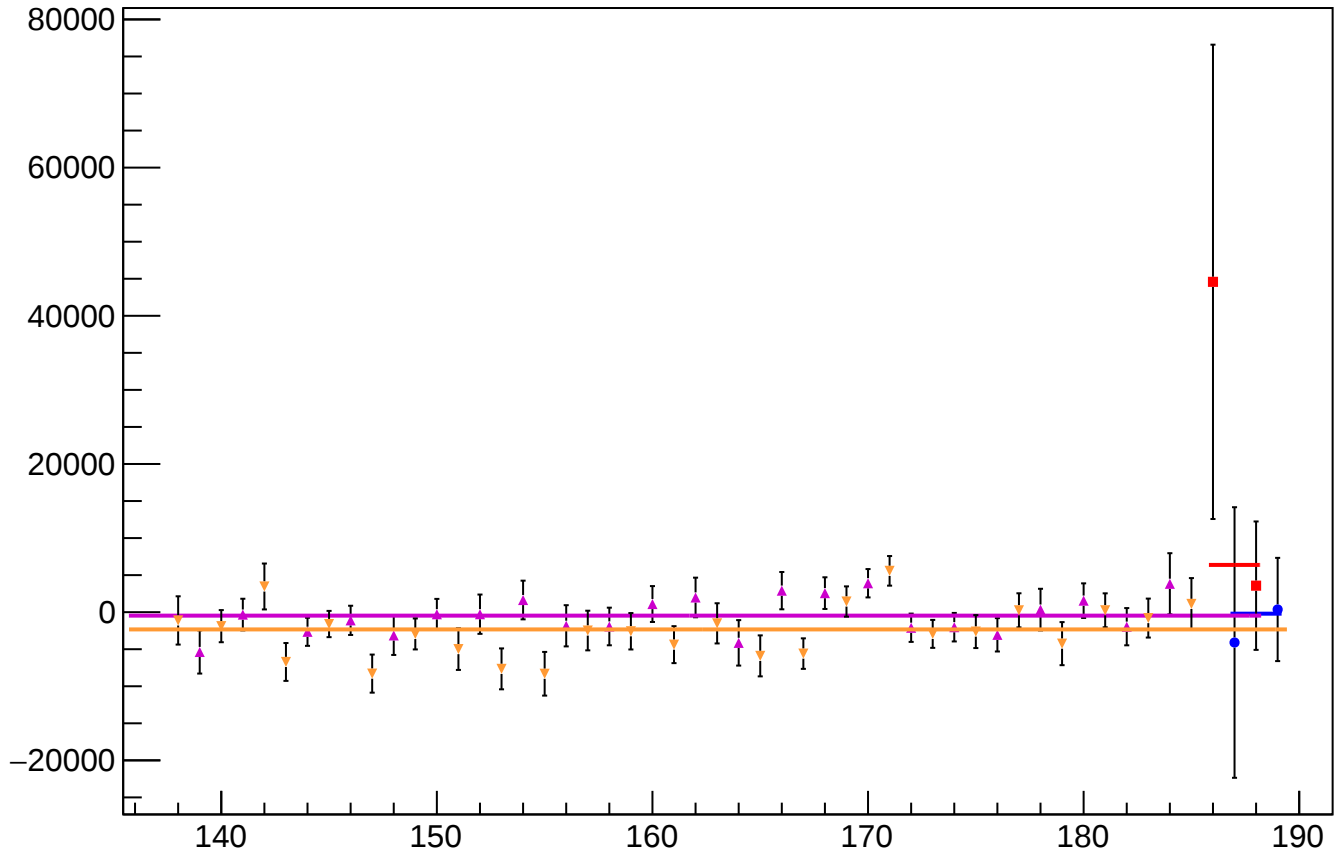
Left In: 304.067 $\pm$ 0.053 χ^2 /NDF:1106083.1/22

+ sign 287.580 $\pm$ 0.041 χ^2 /NDF: 2225137.4/43

All: 287.369 $\pm$ 0.029 χ^2 /NDF: 4839214.1/87

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

asym_sam4_correction_mean vs Slug



Right In: -203.421 ± 6508.817 χ^2/NDF : 0.1/1

Left Out: -2328.254 ± 482.072 χ^2/NDF : 49.4/24

Right Out: 6376.851 ± 8364.857 χ^2/NDF : 1.5/1

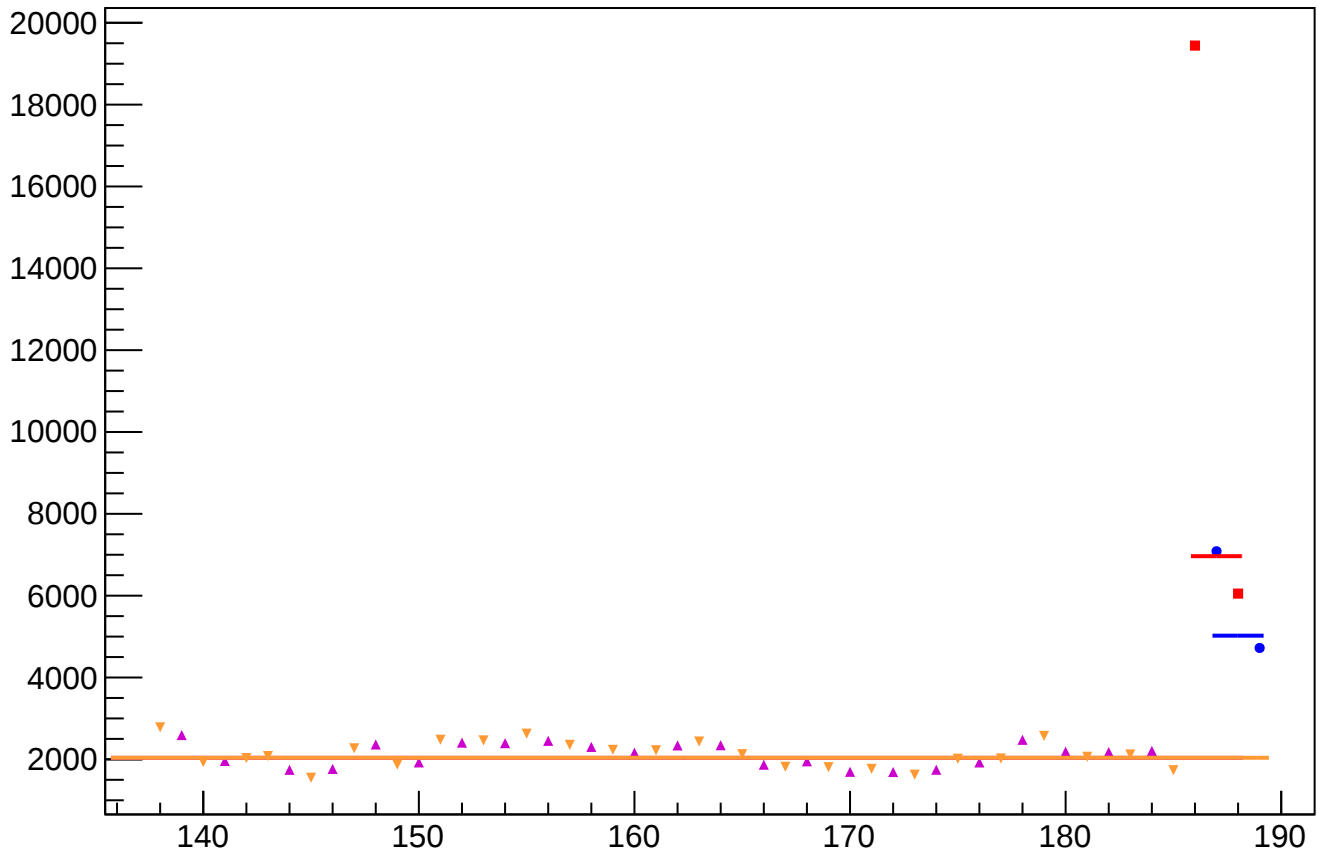
Left In: -468.113 ± 490.449 χ^2/NDF : 23.2/22

+ sign -2316.662 ± 480.756 χ^2/NDF : 49.6/26

All: -1397.740 ± 343.033 χ^2/NDF : 82.4/51

- sign -444.663 ± 489.608 χ^2/NDF : 25.4/24

asym_sam4_correction_rms vs Slug



Right In: 5022.624+/-4.602 χ^2/NDF : 29233.9/1

Left Out: 2038.969+/-0.341 χ^2/NDF : 829479.9/24

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

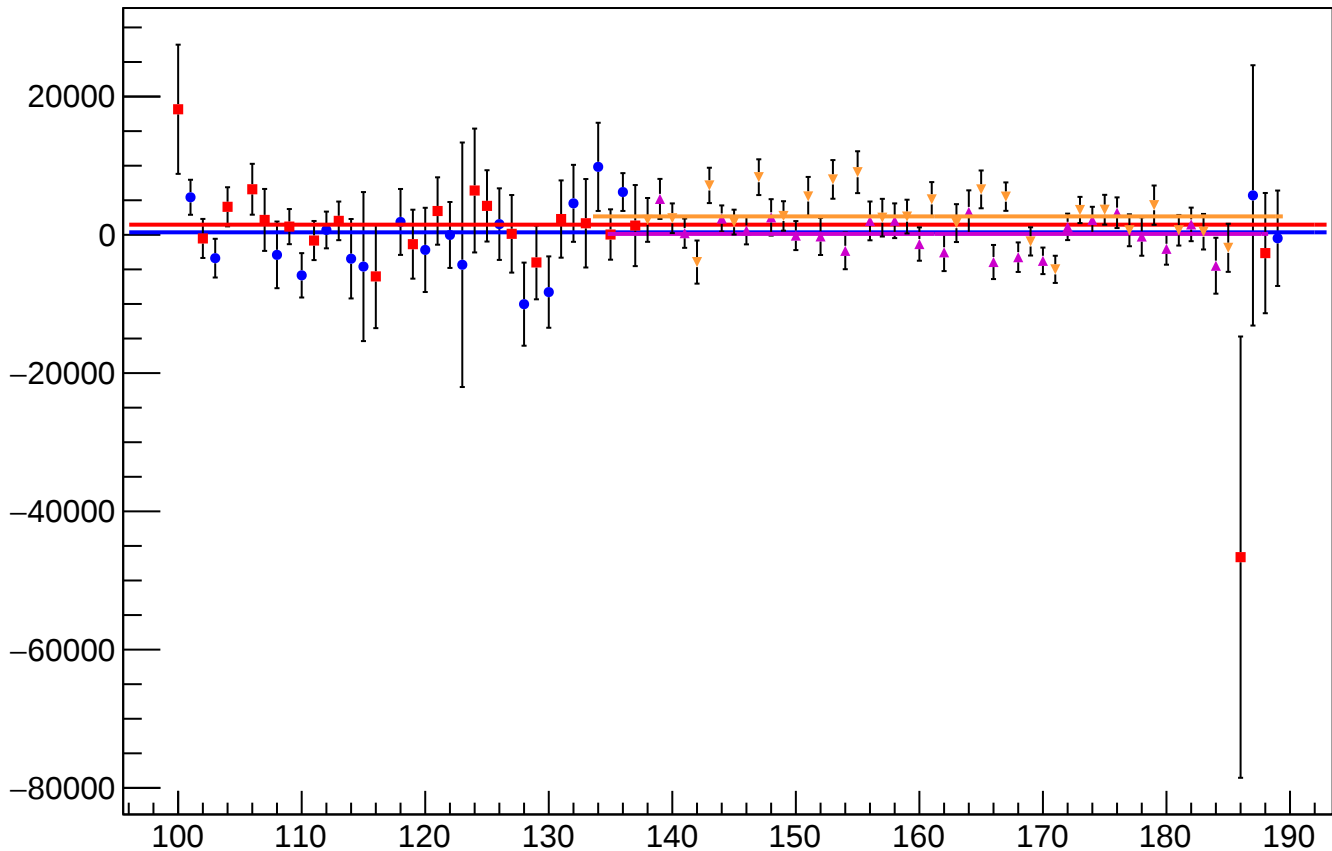
Left In: 2036.656+/-0.347 χ^2/NDF : 652291.9/22

+ sign 2055.247+/-0.340 χ^2/NDF : 1276685.7/26

All: 2054.409+/-0.243 χ^2/NDF : 2947055.2/53

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

asym_sam4_mean vs Slug



Right In: 363.503 ± 981.042 $\chi^2/\text{NDF}: 24.3/18$

Left Out: 2667.050 ± 480.963 $\chi^2/\text{NDF}: 50.0/24$

Right Out: 1470.640 ± 918.452 $\chi^2/\text{NDF}: 13.0/20$

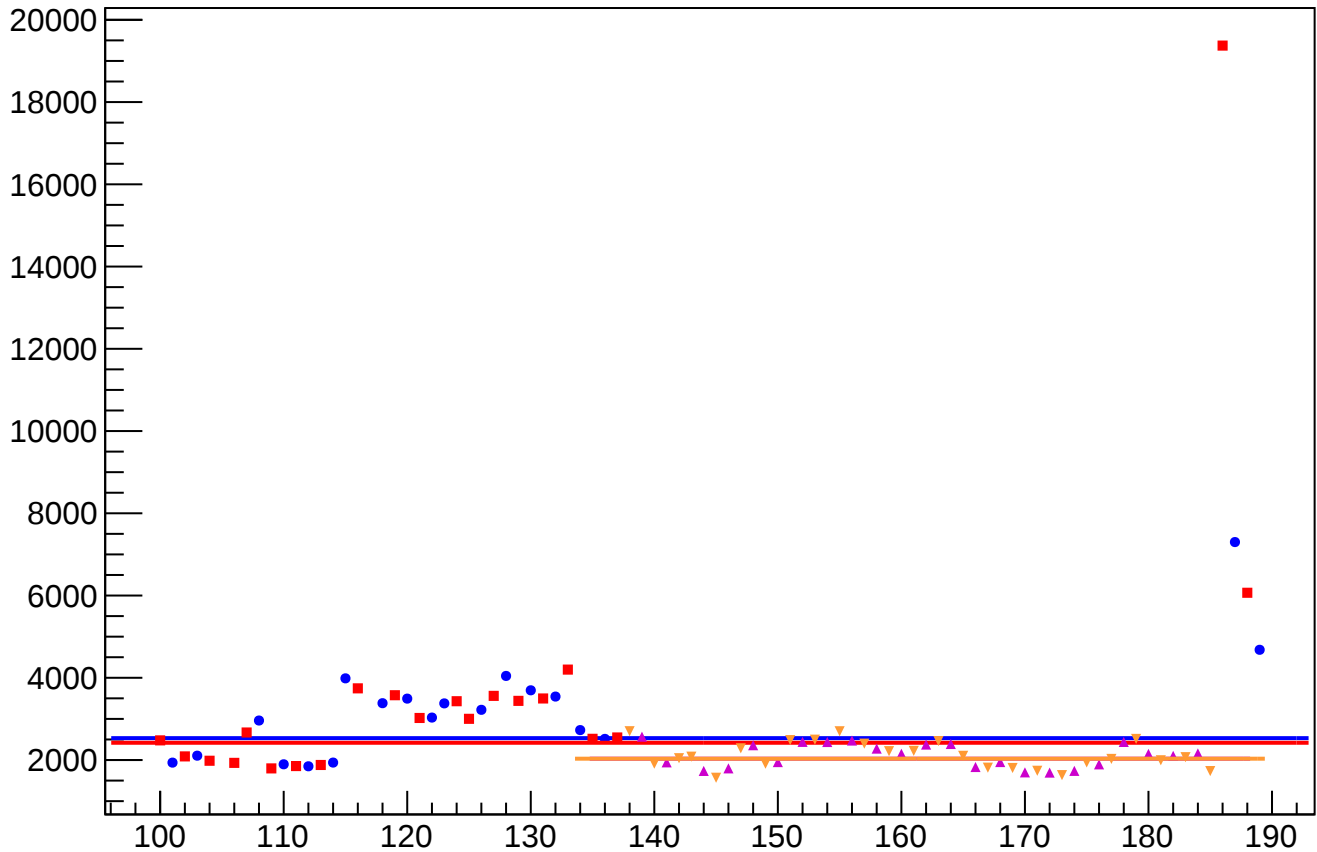
Left In: 132.307 ± 489.752 $\chi^2/\text{NDF}: 24.7/22$

+ sign 2220.675 ± 431.856 $\chi^2/\text{NDF}: 78.7/43$

All: 1325.251 ± 305.473 $\chi^2/\text{NDF}: 126.7/87$

- sign 428.602 ± 432.151 $\chi^2/\text{NDF}: 39.4/43$

asym_sam4_rms vs Slug



Right In: 2532.063+/-0.694 χ^2/NDF : 1235108.5/18

Left Out: 2032.502+/-0.340 χ^2/NDF : 824418.6/24

Right Out: 2419.886+/-0.649 χ^2/NDF : 1946677.4/20

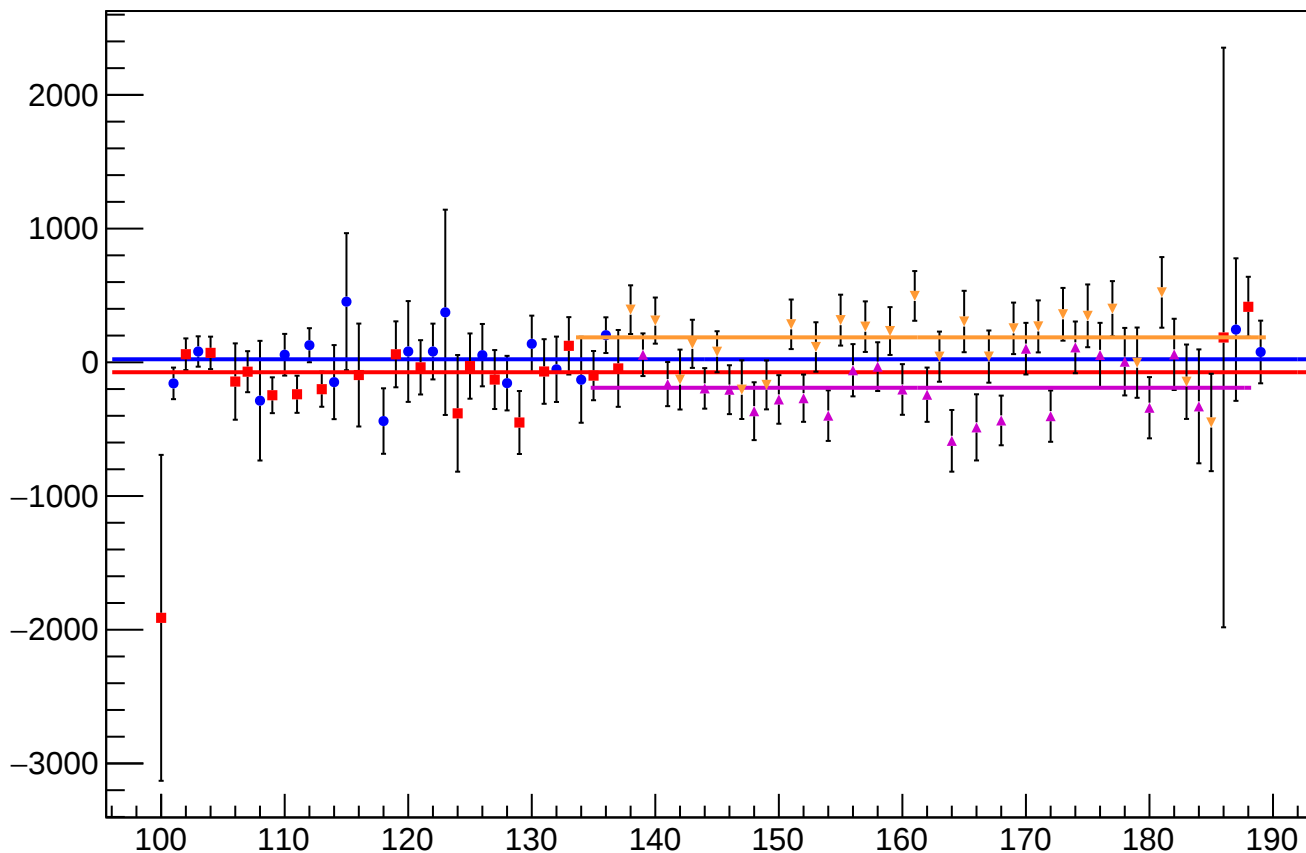
Left In: 2031.692+/-0.346 χ^2/NDF : 653382.0/22

+ sign 2129.306+/-0.305 χ^2/NDF : 2477633.8/43

All: 2123.474+/-0.216 χ^2/NDF : 5356607.9/87

- sign 2117.635+/-0.306 χ^2/NDF : 2878244.2/43

dit_asym_sam5_mean vs Slug



Right In: 22.709 $\pm$ 45.115 χ^2/NDF : 12.2/18

Left Out: 186.705 $\pm$ 39.986 χ^2/NDF : 25.9/24

Right Out: -74.198 $\pm$ 41.934 χ^2/NDF : 18.1/20

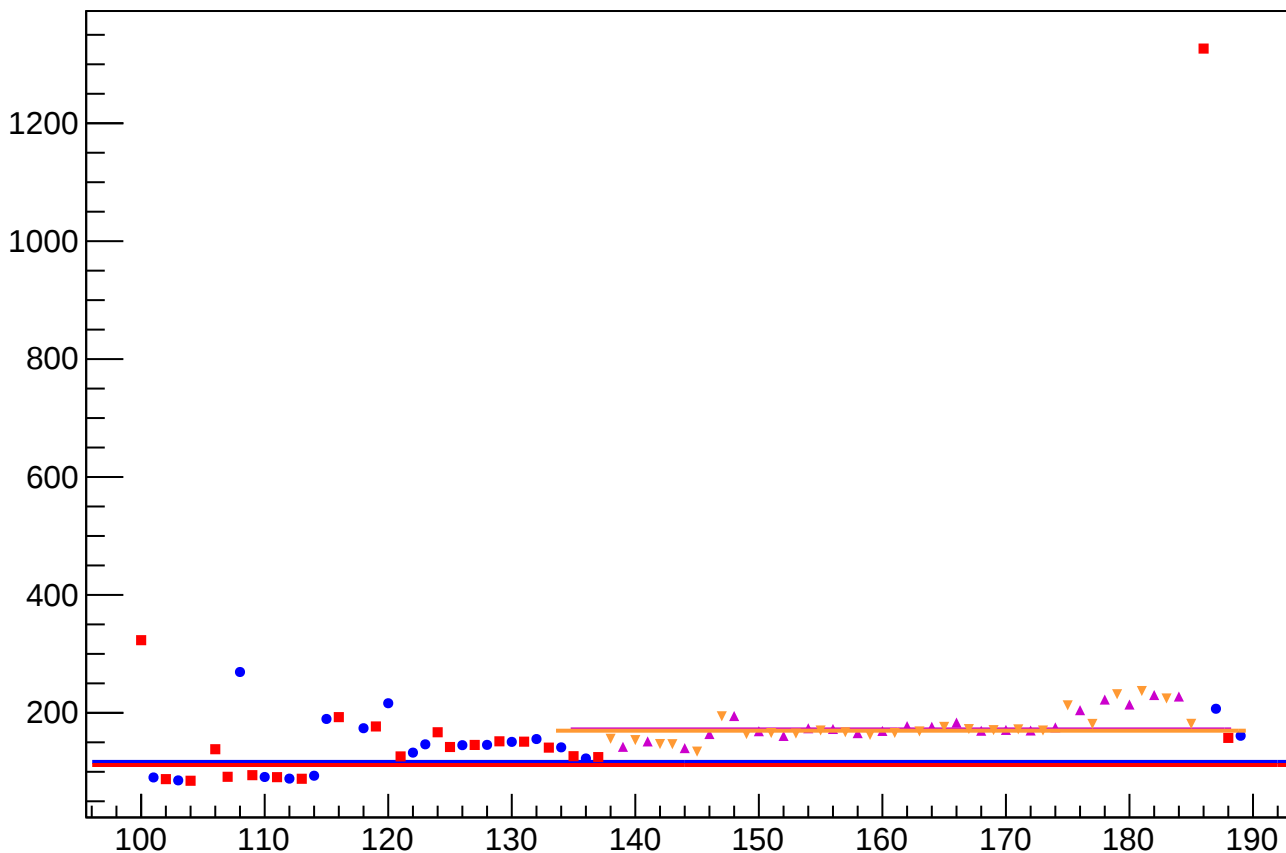
Left In: -190.416 $\pm$ 41.307 χ^2/NDF : 21.1/22

+ sign 114.556 $\pm$ 29.924 χ^2/NDF : 45.5/43

All: -11.386 $\pm$ 20.982 χ^2/NDF : 123.5/87

- sign -133.183 $\pm$ 29.428 χ^2/NDF : 43.2/43

dit_asym_sam5_rms vs Slug



Right In: 116.785 $\pm$ 0.032 χ^2 /NDF: 1270797.6/18

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

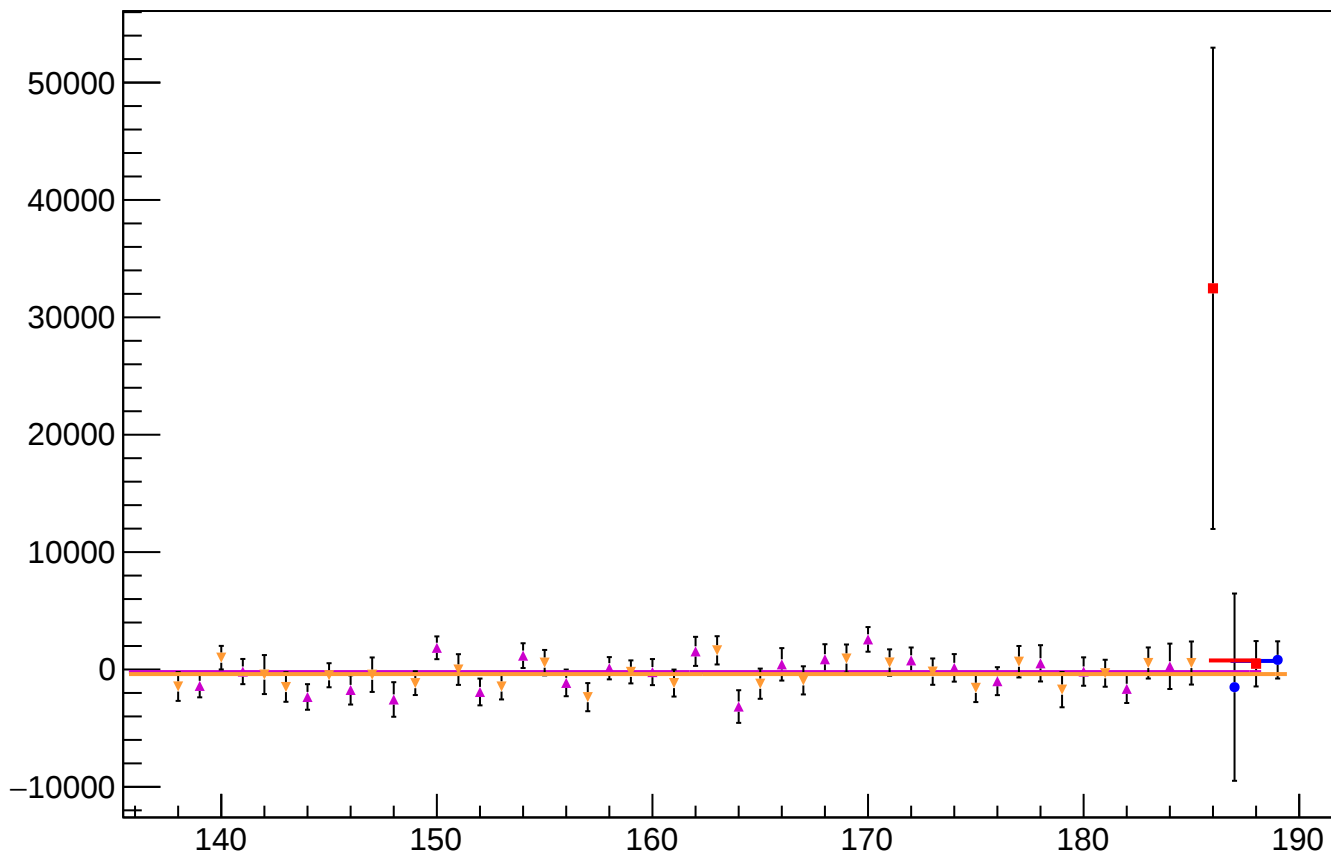
Left In: 171.896 $\pm$ 0.029 χ^2 /NDF: 546889.0/22

+ sign 146.441 $\pm$ 0.021 χ^2 /NDF: 3431066.5/43

All: 144.276 $\pm$ 0.015 χ^2 /NDF: 7761594.1/87

- sign 142.183 $\pm$ 0.021 χ^2 /NDF: 4309941.1/43

asym_sam5_correction_mean vs Slug



Right In: 726.951+/-1555.157 χ^2/NDF : 0.1/1

Left Out: -391.572+/-239.900 χ^2/NDF : 17.6/24

Right Out: 769.177+/-1924.983 χ^2/NDF : 2.4/1

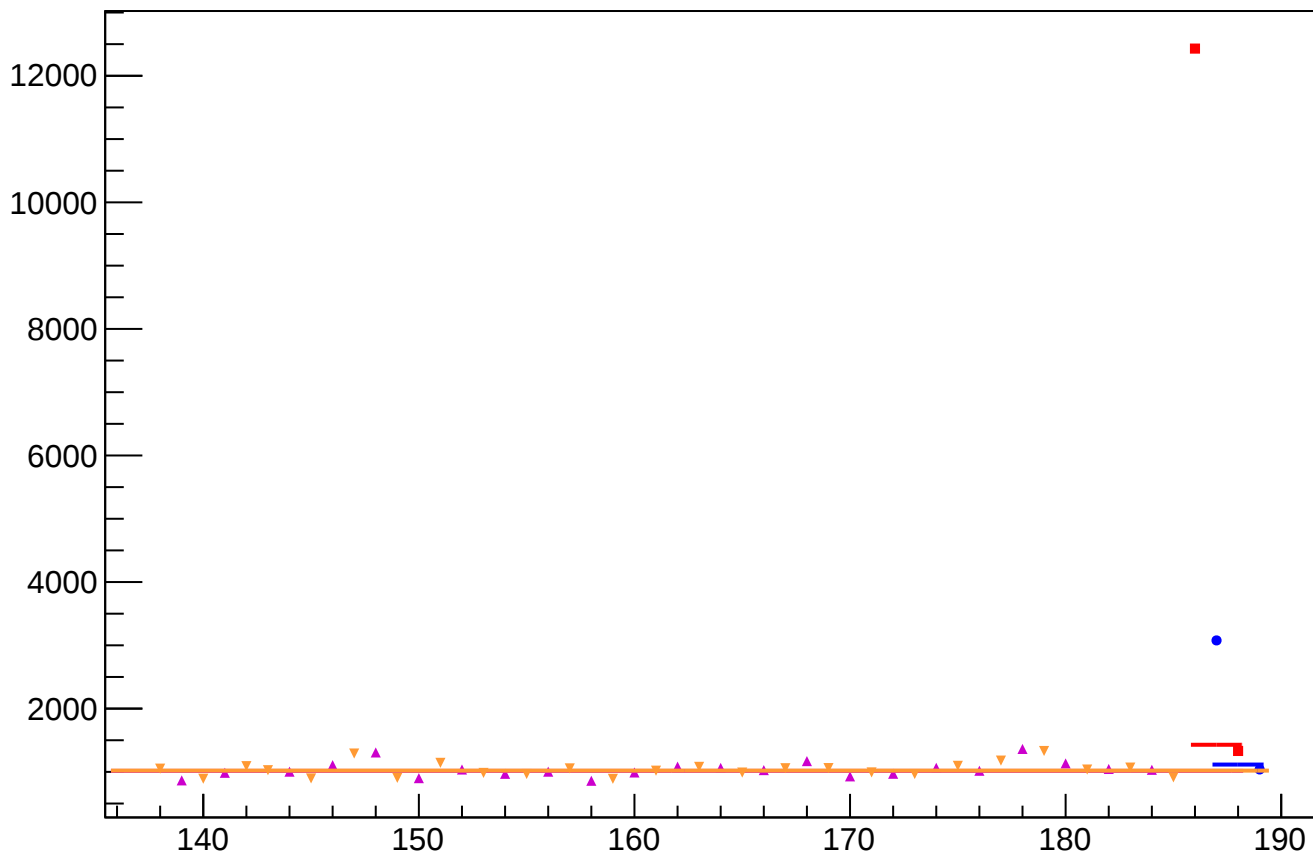
Left In: -222.086+/-243.855 χ^2/NDF : 36.1/22

+ sign -365.573+/-237.096 χ^2/NDF : 18.2/26

All: -287.605+/-169.332 χ^2/NDF : 57.1/51

- sign -206.430+/-241.921 χ^2/NDF : 38.7/24

asym_sam5_correction_rms vs Slug



Right In: 1115.696 $\pm$ 1.100 χ^2 /NDF: 125740.5/1

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

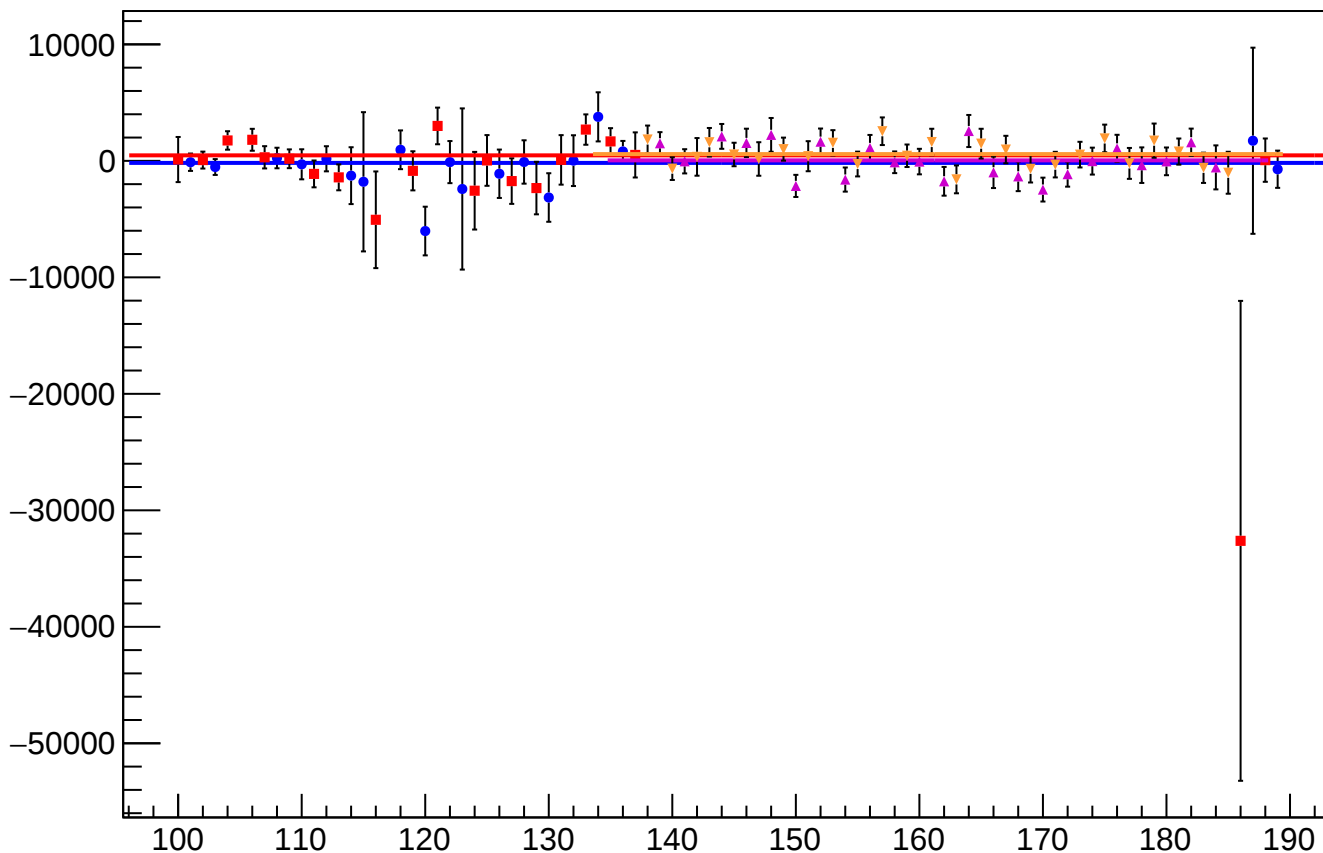
Left In: 1015.345 $\pm$ 0.172 χ^2 /NDF: 405161.9/22

+ sign 1022.287 $\pm$ 0.168 χ^2 /NDF: 500947.3/26

All: 1022.083 $\pm$ 0.120 χ^2 /NDF: 1577809.0/51

- sign 1021.871 $\pm$ 0.171 χ^2 /NDF: 1076858.7/24

asym_sam5_mean vs Slug



Right In: -175.091 ± 306.465 χ^2/NDF : 16.4/18

Left Out: 580.226 ± 235.583 χ^2/NDF : 18.4/24

Right Out: 472.830 ± 279.519 χ^2/NDF : 25.3/20

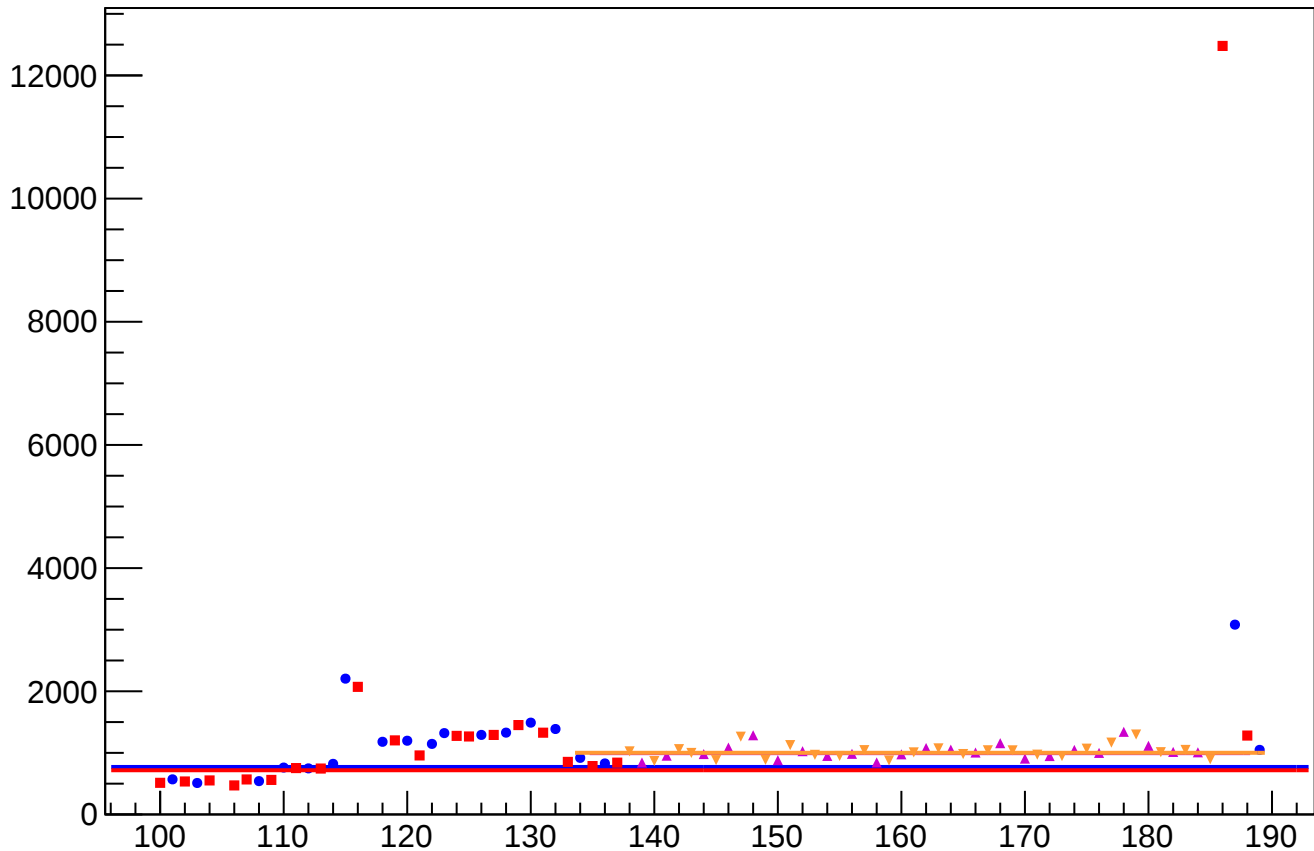
Left In: 42.397 ± 239.278 χ^2/NDF : 37.9/22

+ sign 299.677 ± 186.776 χ^2/NDF : 38.6/43

All: 261.031 ± 130.266 χ^2/NDF : 103.2/87

- sign 224.427 ± 181.773 χ^2/NDF : 64.5/43

asym_sam5_rms vs Slug



Right In: 771.130+/-0.217 χ^2/NDF : 1942988.3/18

Left Out: 1001.233+/-0.167 χ^2/NDF : 370278.3/24

Right Out: 717.896+/-0.198 χ^2/NDF : 2530843.6/20

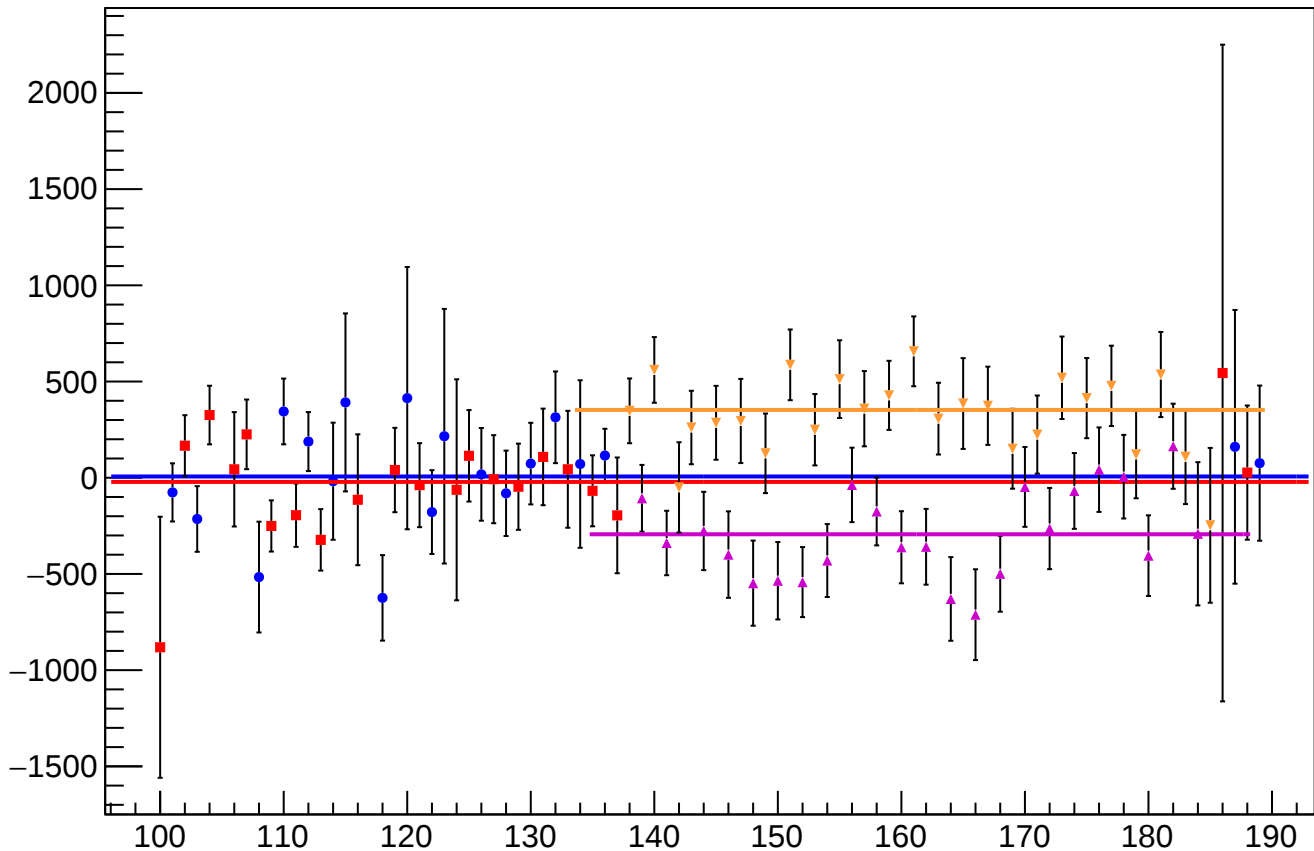
Left In: 995.590+/-0.169 χ^2/NDF : 424434.6/22

+ sign 915.765+/-0.132 χ^2/NDF : 3021968.4/43

All: 896.449+/-0.092 χ^2/NDF : 7158078.0/87

- sign 878.154+/-0.129 χ^2/NDF : 4094457.4/43

dit_asym_sam6_mean vs Slug



Right In: 6.548 ± 51.931 χ^2/NDF : 23.2/18

Left Out: 352.474 ± 40.625 χ^2/NDF : 19.0/24

Right Out: -21.631 ± 47.392 χ^2/NDF : 19.1/20

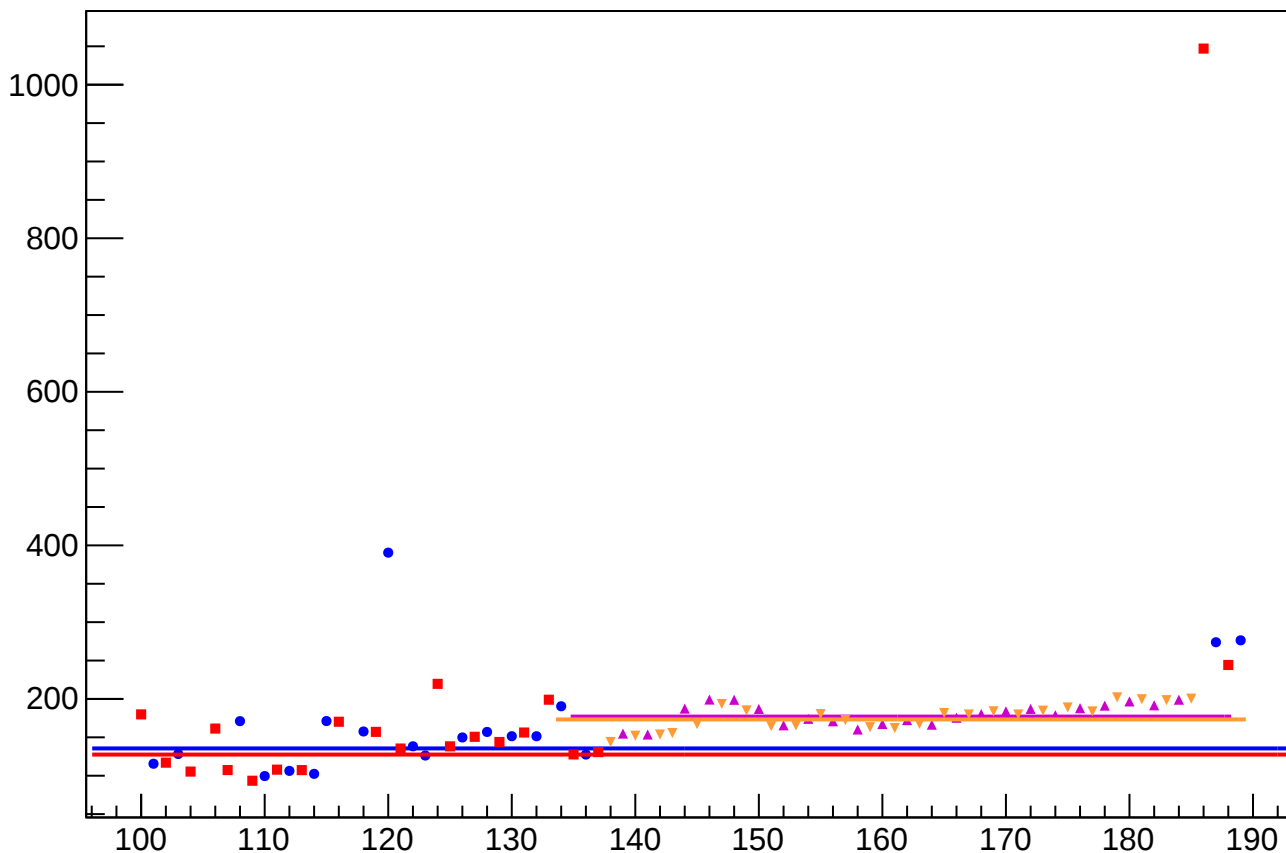
Left In: -293.836 ± 42.346 χ^2/NDF : 27.2/22

+ sign 221.143 ± 31.998 χ^2/NDF : 69.7/43

All: 21.467 ± 22.475 χ^2/NDF : 211.2/87

- sign -172.991 ± 31.577 χ^2/NDF : 64.6/43

dit_asym_sam6_rms vs Slug



Right In: 135.545 $\pm$ 0.037 χ^2 /NDF: 970438.2/18

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

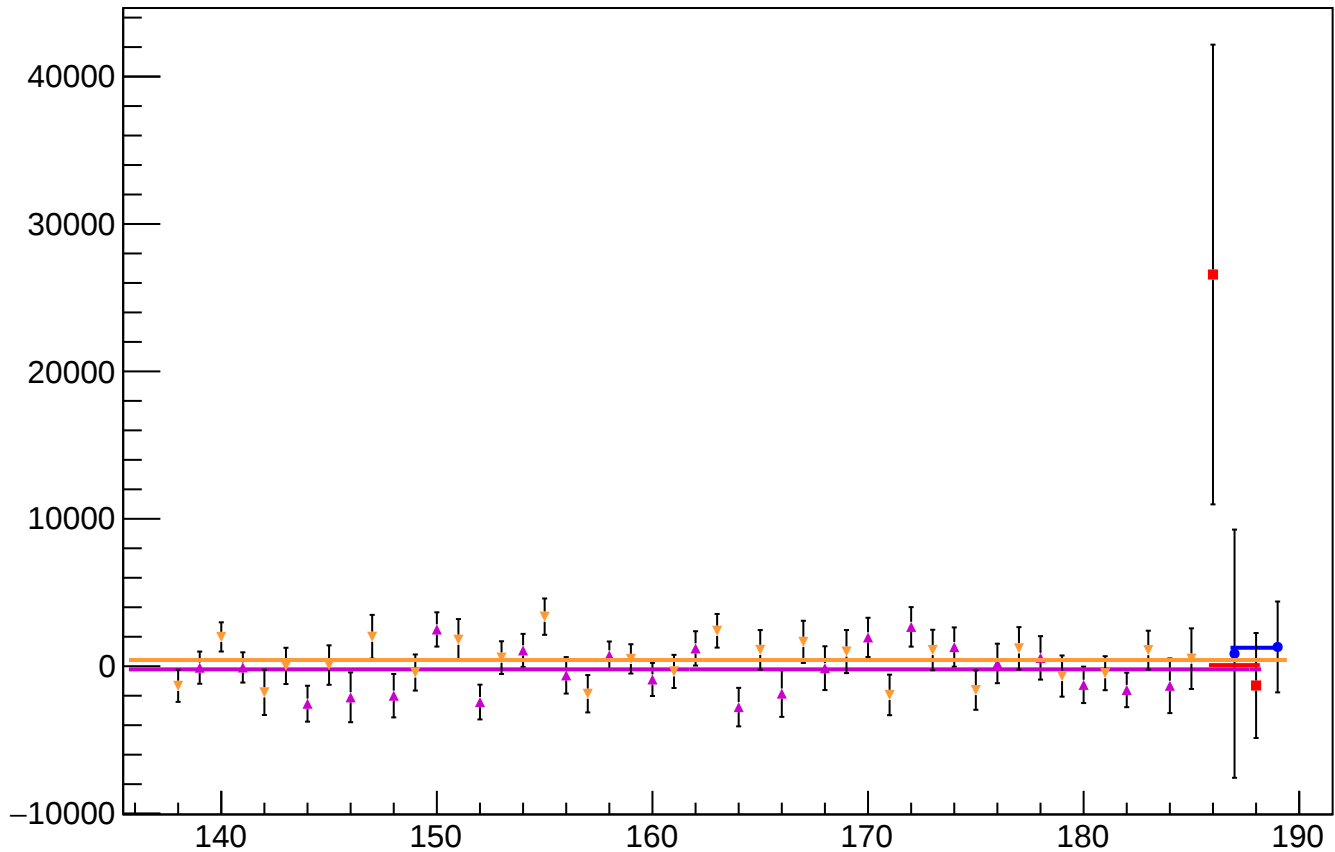
Left In: 177.014 $\pm$ 0.030 χ^2 /NDF: 214761.6/22

+ sign 158.960 $\pm$ 0.023 χ^2 /NDF: 1924500.3/43

All: 156.979 $\pm$ 0.016 χ^2 /NDF: 4770725.3/87

- sign 155.050 $\pm$ 0.022 χ^2 /NDF: 2831099.8/43

asym_sam6_correction_mean vs Slug



Right In: 1253.580 $\pm$ 2894.390 χ^2 /NDF: 0.0/1

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

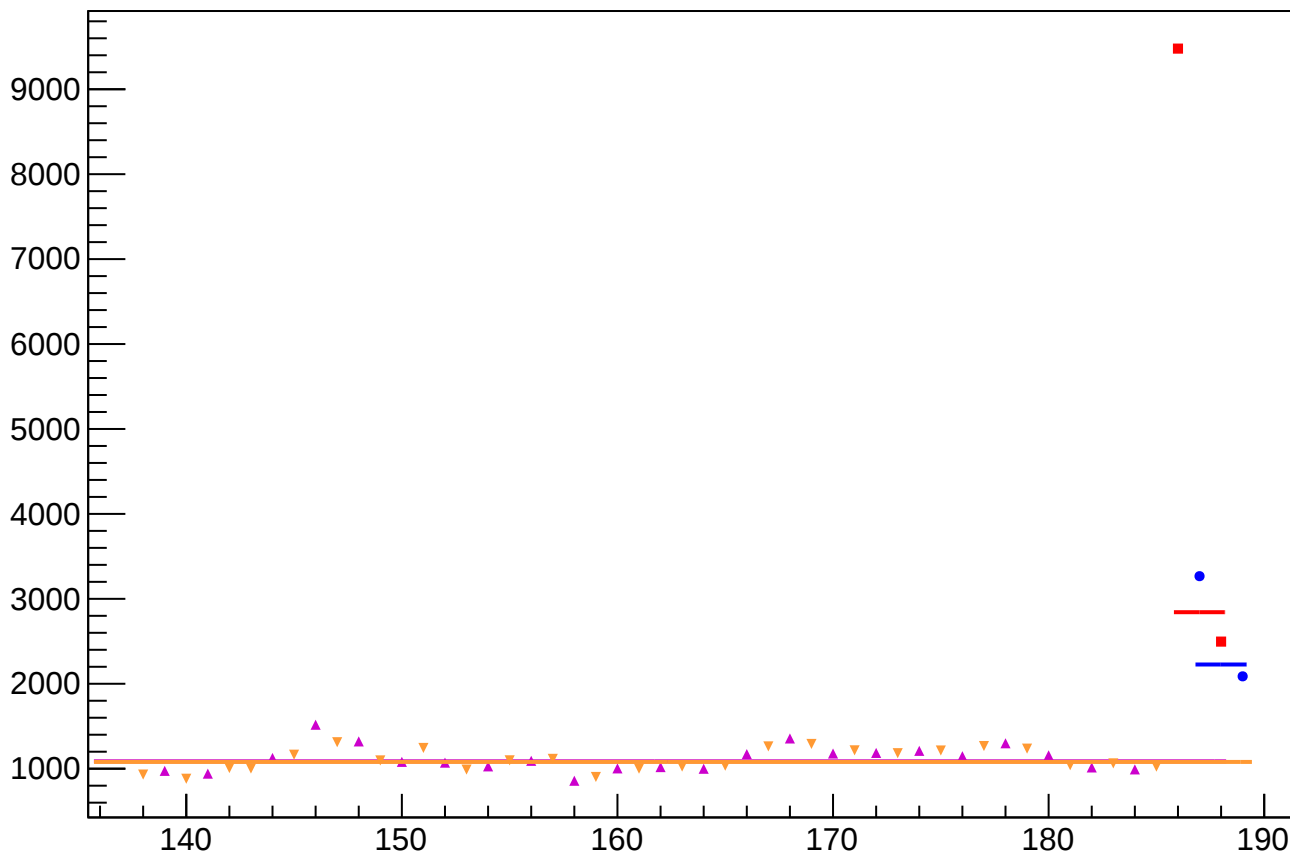
Left In: -211.788 $\pm$ 261.282 χ^2 /NDF:36.0/22

+ sign 427.701 $\pm$ 253.111 χ^2 /NDF: 30.9/26

All: 117.995 $\pm$ 181.548 χ^2 /NDF: 73.0/51

- sign -210.172 $\pm$ 260.545 χ^2 /NDF: 39.1/24

asym_sam6_correction_rms vs Slug



Right In: 2226.837 $\pm$ 2.047 χ^2 /NDF: 34609.9/1

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

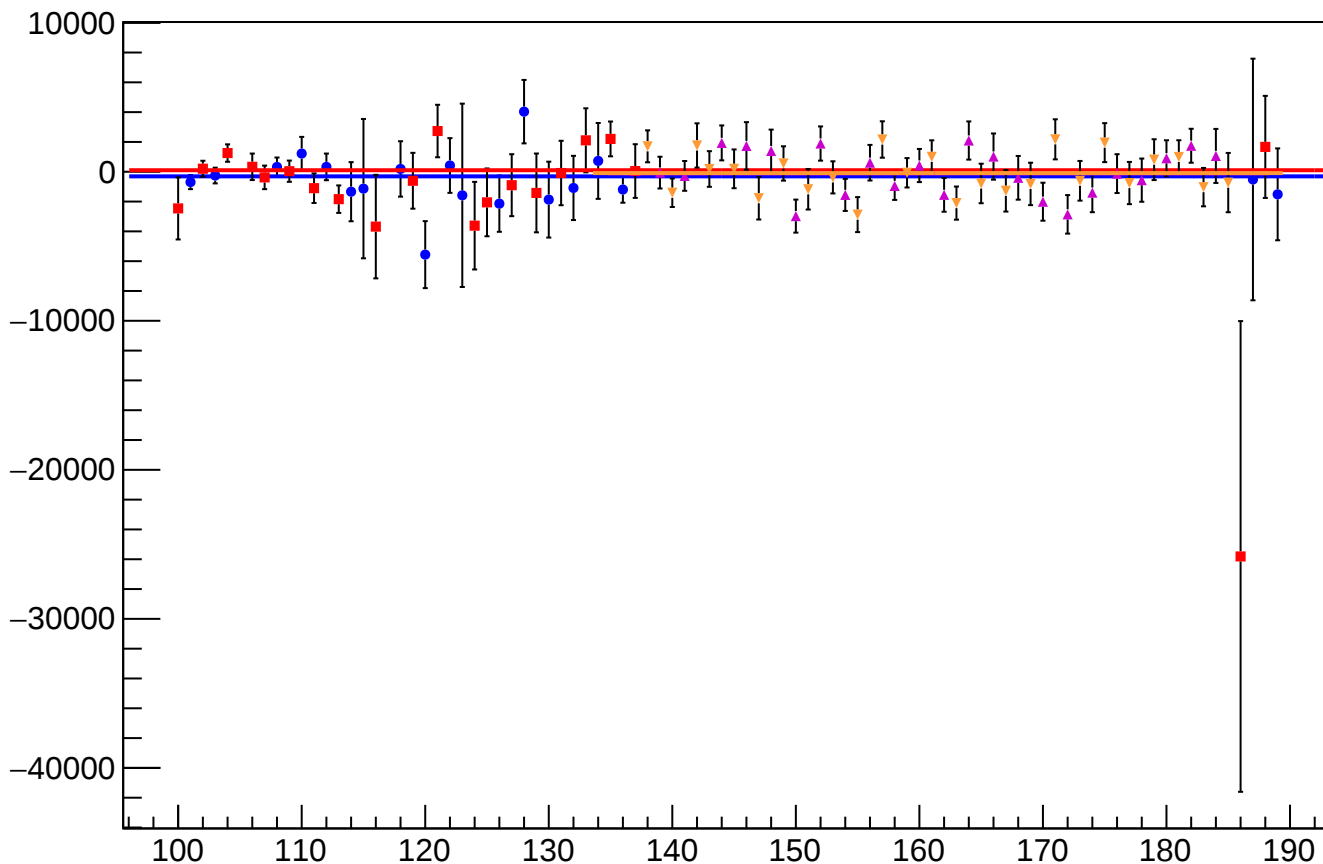
Left In: 1086.990 $\pm$ 0.185 χ^2 /NDF: 567926.2/22

+ sign 1088.472 $\pm$ 0.179 χ^2 /NDF: 845217.4/26

All: 1092.552 $\pm$ 0.128 χ^2 /NDF: 2303828.3/51

- sign 1096.875 $\pm$ 0.184 χ^2 /NDF: 1457540.6/24

asym_sam6_mean vs Slug



Right In: -309.136 ± 249.106 χ^2/NDF : 17.0/18

Left Out: -89.632 ± 247.271 χ^2/NDF : 31.0/24

Right Out: 102.643 ± 245.319 χ^2/NDF : 25.4/20

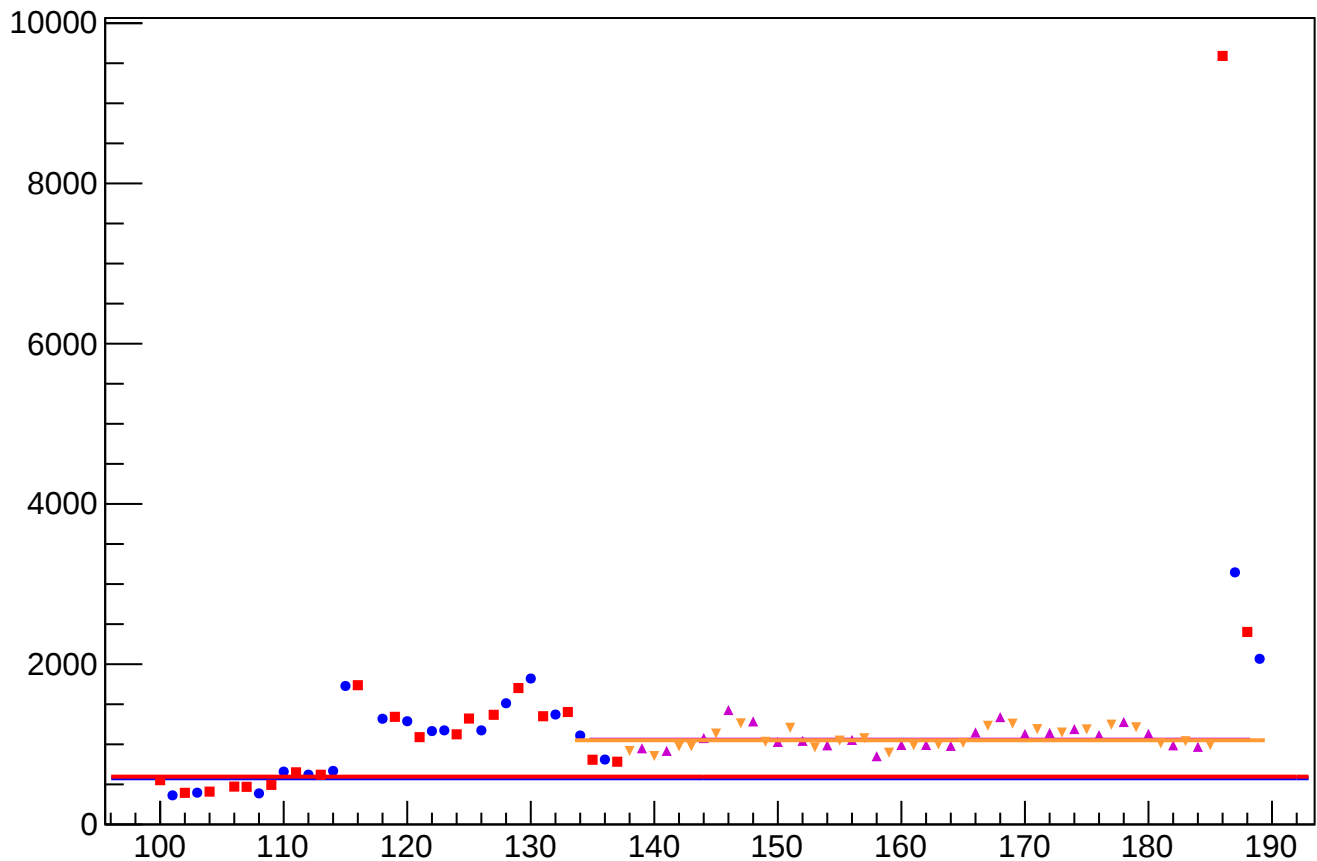
Left In: -110.879 ± 254.337 χ^2/NDF : 35.2/22

+ sign -198.572 ± 175.492 χ^2/NDF : 48.4/43

All: -100.026 ± 124.471 χ^2/NDF : 109.9/87

- sign -0.266 ± 176.569 χ^2/NDF : 61.0/43

asym_sam6_rms vs Slug



Right In: 576.259+/-0.176 χ^2/NDF : 3935183.6/18

Left Out: 1050.918+/-0.175 χ^2/NDF : 483477.5/24

Right Out: 596.569+/-0.173 χ^2/NDF : 4030331.1/20

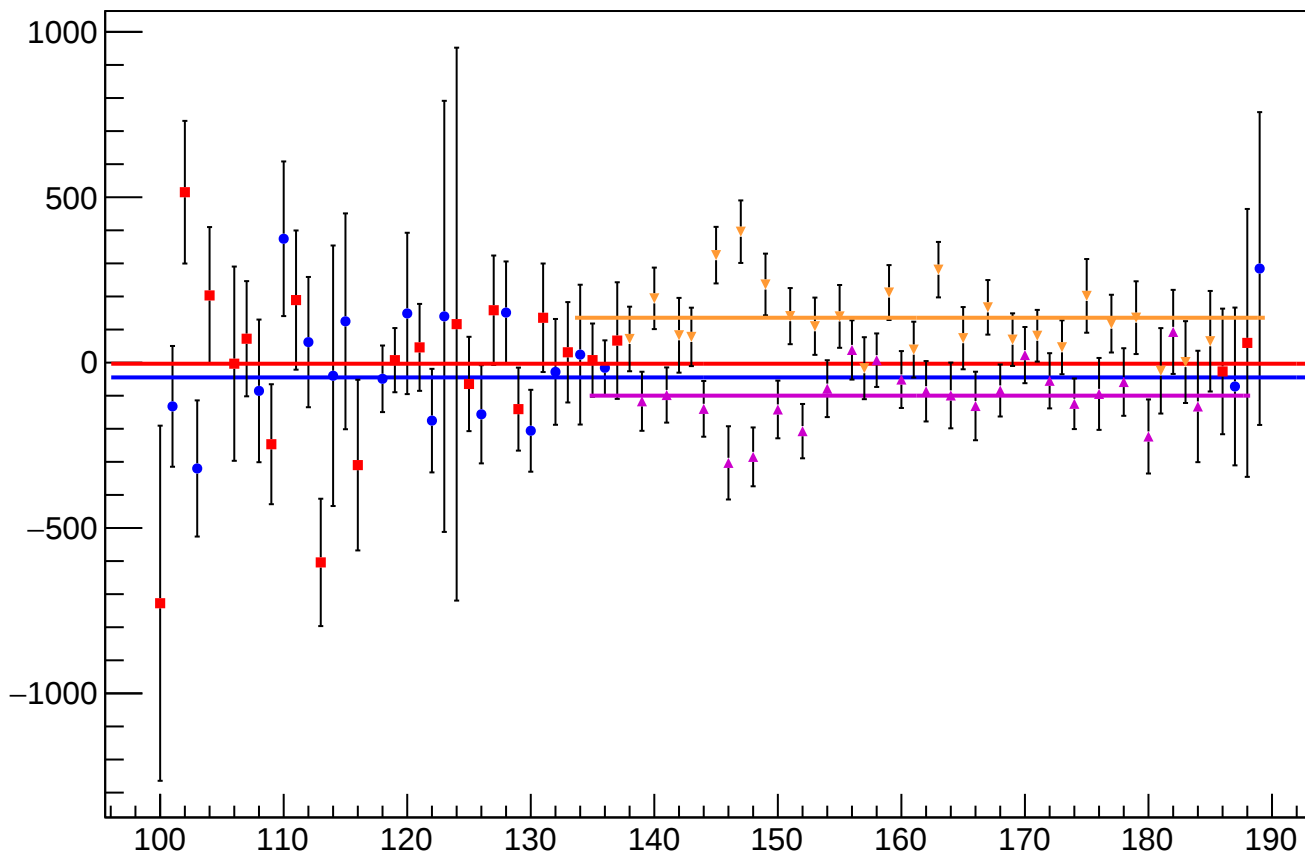
Left In: 1058.154+/-0.180 χ^2/NDF : 532260.0/22

+ sign 815.343+/-0.124 χ^2/NDF : 8076252.4/43

All: 817.177+/-0.088 χ^2/NDF : 16051821.3/87

- sign 819.033+/-0.125 χ^2/NDF : 7975129.5/43

dit_asym_sam7_mean vs Slug



Right In: -44.694 ± 38.492 χ^2/NDF : 11.8/18

Left Out: 135.693 ± 18.535 χ^2/NDF : 29.3/24

Right Out: -3.319 ± 36.985 χ^2/NDF : 26.1/20

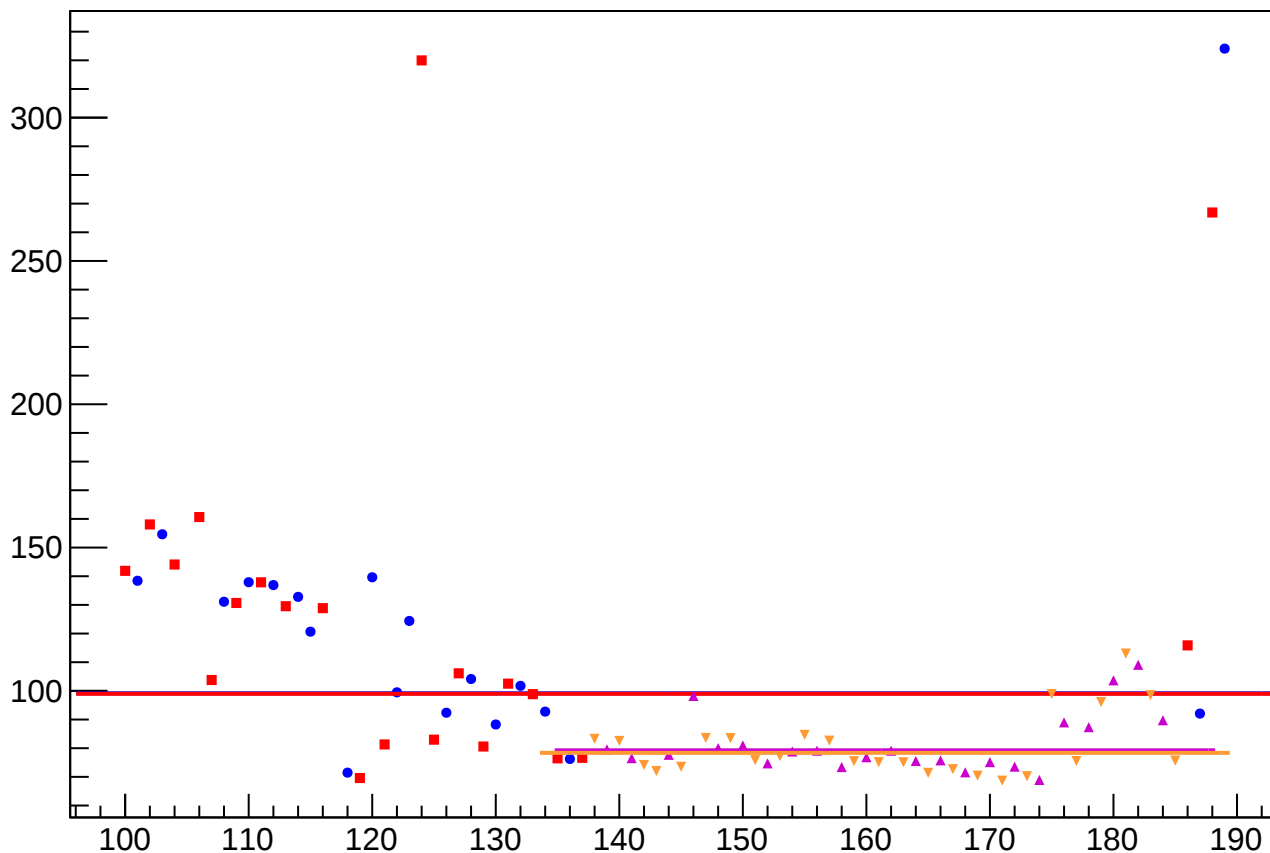
Left In: -99.843 ± 19.131 χ^2/NDF : 20.8/22

+ sign 101.741 ± 16.700 χ^2/NDF : 59.0/43

All: 12.713 ± 11.911 χ^2/NDF : 169.0/87

- sign -79.468 ± 16.993 χ^2/NDF : 52.2/43

dit_asym_sam7_rms vs Slug



Right In: 99.157+/-0.027 χ^2/NDF : 1273563.9/18

Left Out: 78.378+/-0.013 χ^2/NDF : 475195.2/24

Right Out: 98.982+/-0.026 χ^2/NDF : 1461525.7/20

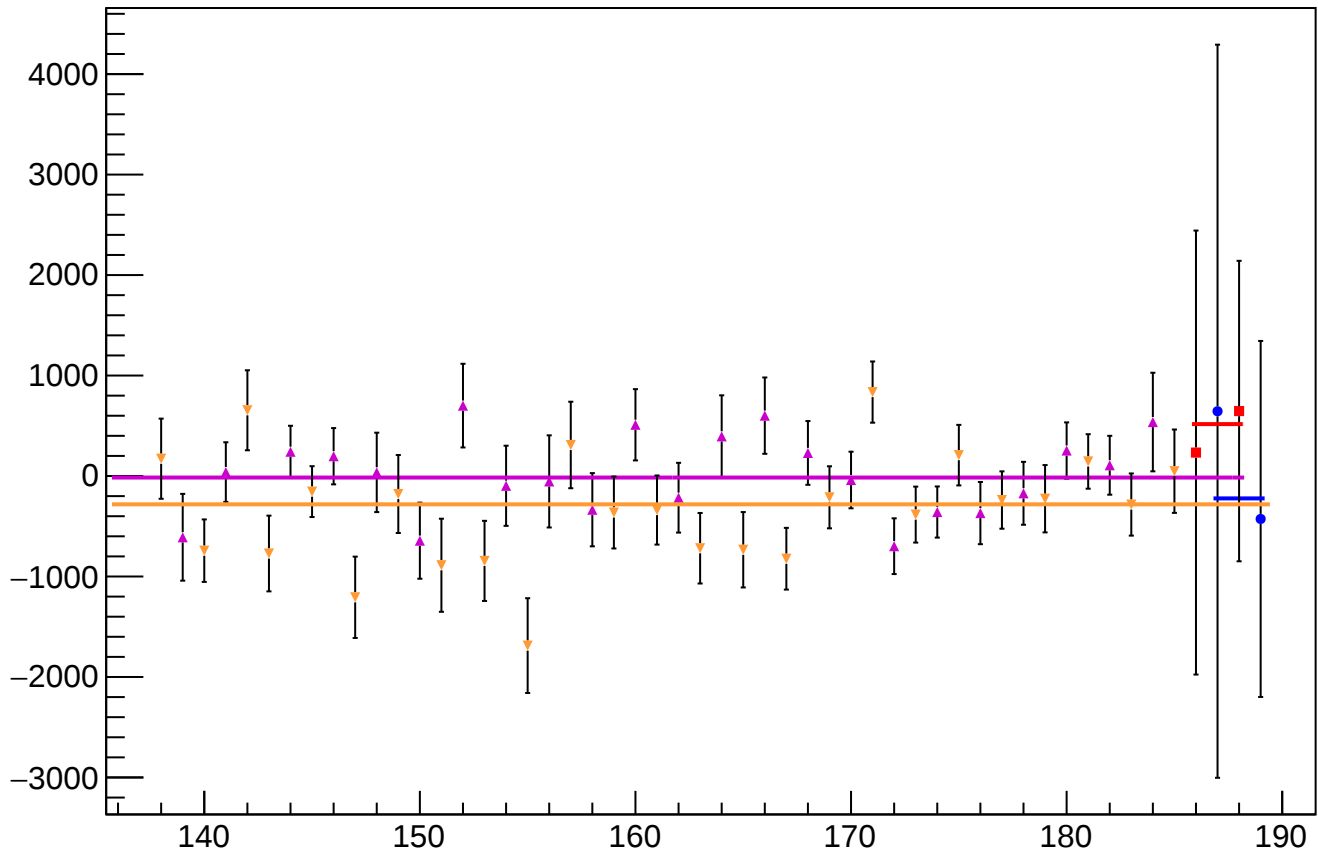
Left In: 79.257+/-0.014 χ^2/NDF : 396950.5/22

+ sign 82.289+/-0.012 χ^2/NDF : 2221880.3/43

All: 82.845+/-0.008 χ^2/NDF : 4533659.1/87

- sign 83.421+/-0.012 χ^2/NDF : 2307266.0/43

asym_sam7_correction_mean vs Slug



Right In: -222.697 ± 1593.628 χ^2/NDF : 0.1/1

Left Out: -281.673 ± 67.809 χ^2/NDF : 56.4/24

Right Out: 516.744 ± 1238.295 χ^2/NDF : 0.0/1

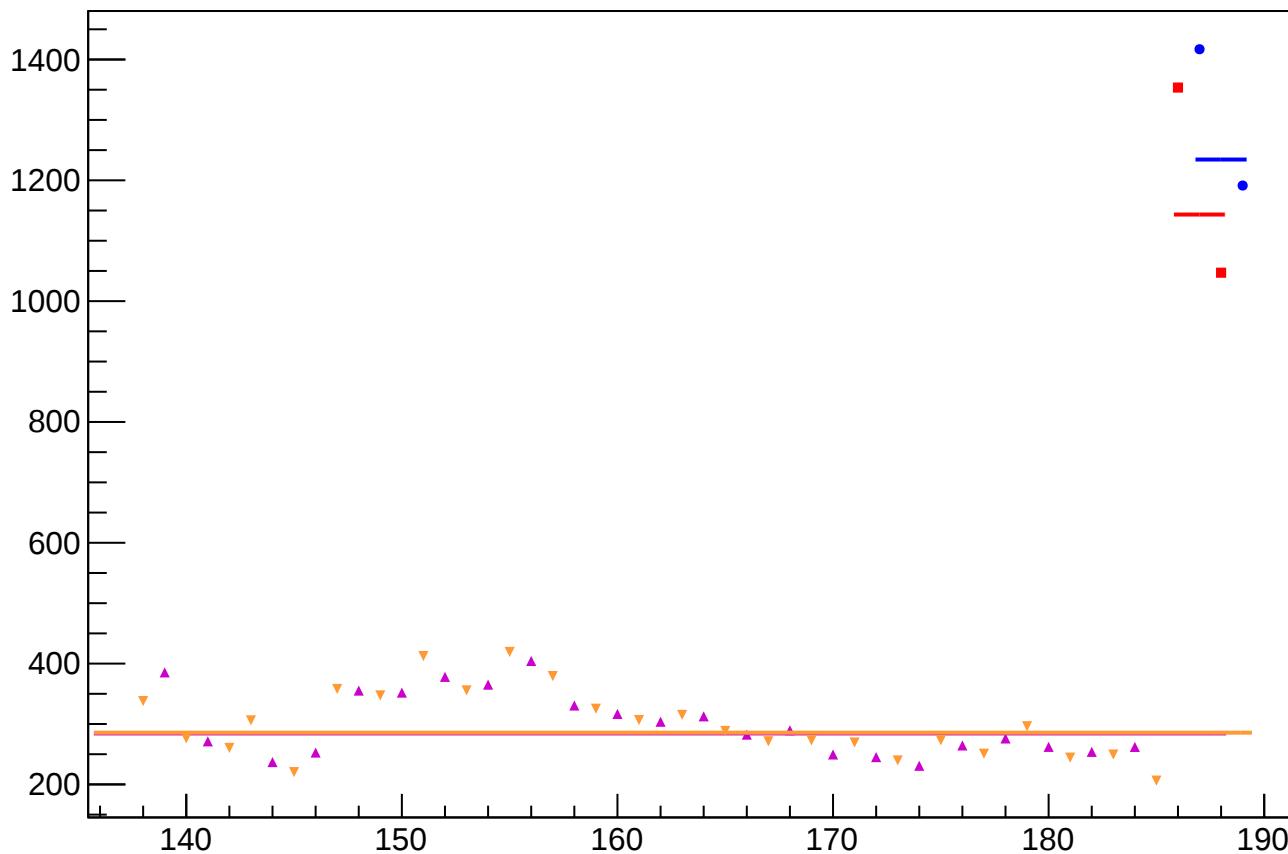
Left In: -15.153 ± 68.755 χ^2/NDF : 28.6/22

+ sign -281.566 ± 67.748 χ^2/NDF : 56.4/26

All: -149.314 ± 48.220 χ^2/NDF : 93.0/51

- sign -13.518 ± 68.649 χ^2/NDF : 28.8/24

asym_sam7_correction_rms vs Slug



Right In: 1234.418+/-1.127 χ^2/NDF : 6191.7/1

Left Out: 285.688+/-0.048 χ^2/NDF : 1061075.8/24

Right Out: 1143.351+/-0.876 χ^2/NDF : 26395.5/1

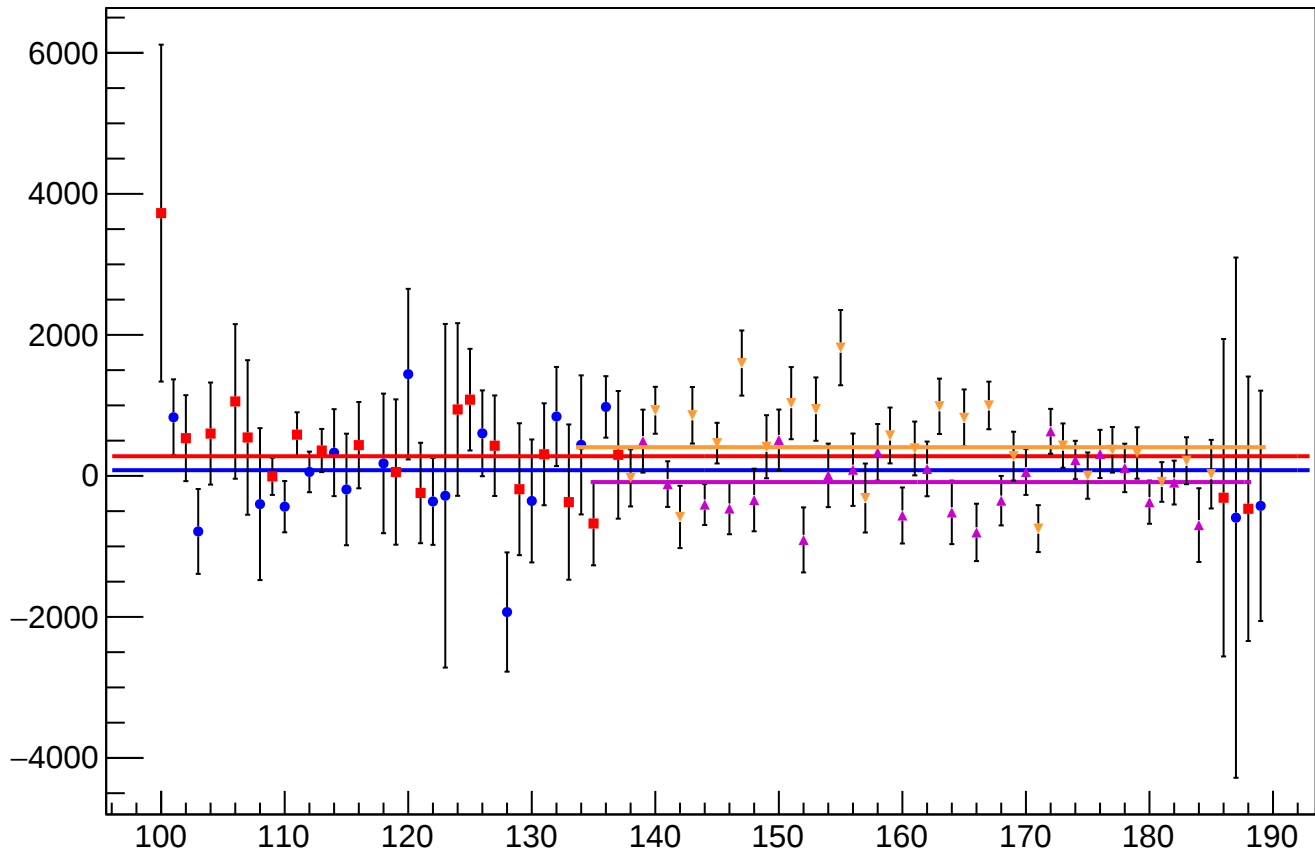
Left In: 284.386+/-0.049 χ^2/NDF : 926965.8/22

+ sign 287.403+/-0.048 χ^2/NDF : 1774815.7/26

All: 287.217+/-0.034 χ^2/NDF : 3687599.7/51

- sign 287.026+/-0.049 χ^2/NDF : 1912753.4/24

asym_sam7_mean vs Slug



Right In: 80.950 ± 141.955 χ^2/NDF : 20.7/18

Left Out: 407.375 ± 74.730 χ^2/NDF : 53.0/24

Right Out: 278.948 ± 129.078 χ^2/NDF : 10.8/20

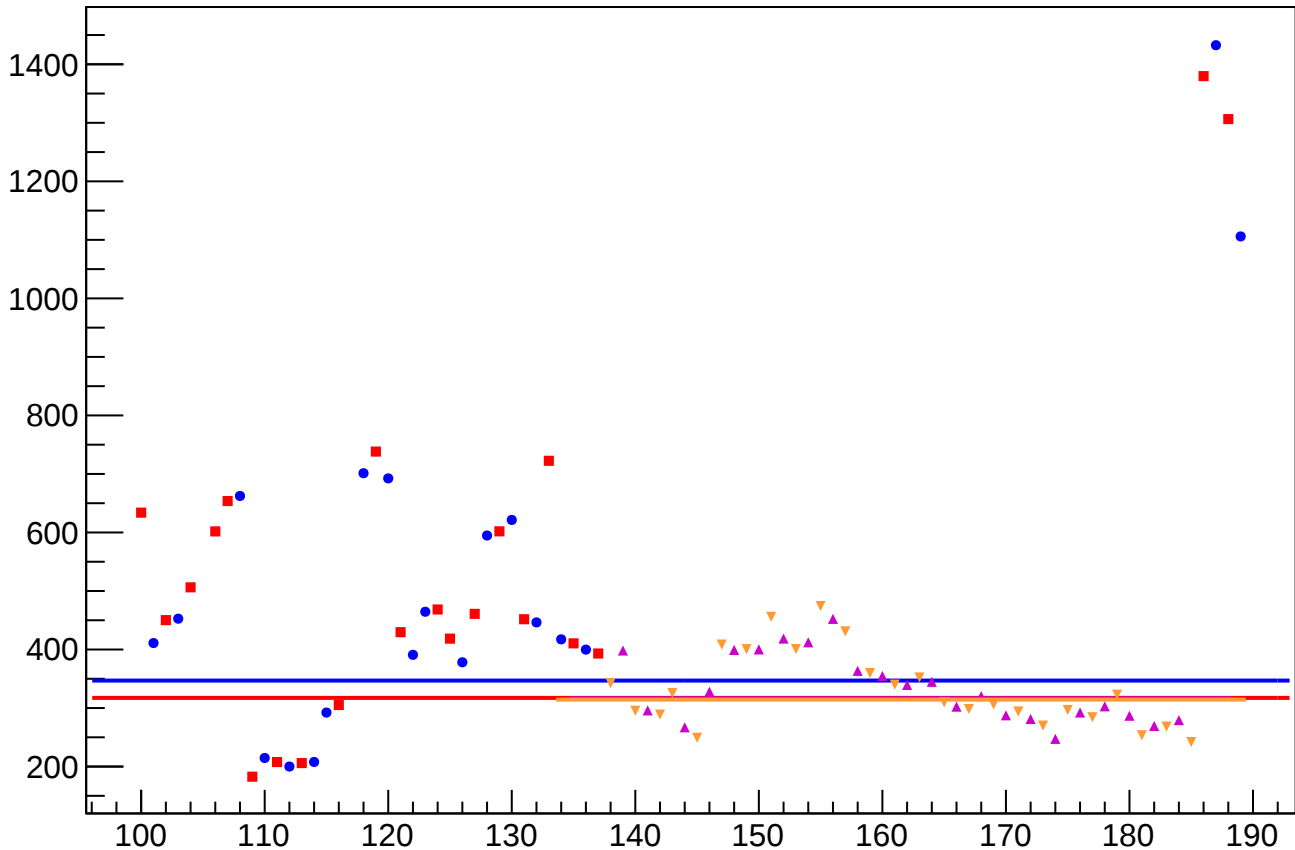
Left In: -87.657 ± 76.572 χ^2/NDF : 27.4/22

+ sign 336.541 ± 66.127 χ^2/NDF : 77.9/43

All: 171.481 ± 46.663 χ^2/NDF : 134.5/87

- sign 7.772 ± 65.856 χ^2/NDF : 44.2/43

asym_sam7_rms vs Slug



Right In: 346.957 $\pm$ 0.100 χ^2 /NDF: 2652462.8/18

Left Out: 314.405 $\pm$ 0.053 χ^2 /NDF:1112244.9/24

Right Out: 317.348 $\pm$ 0.091 χ^2 /NDF: 3739959.8/20

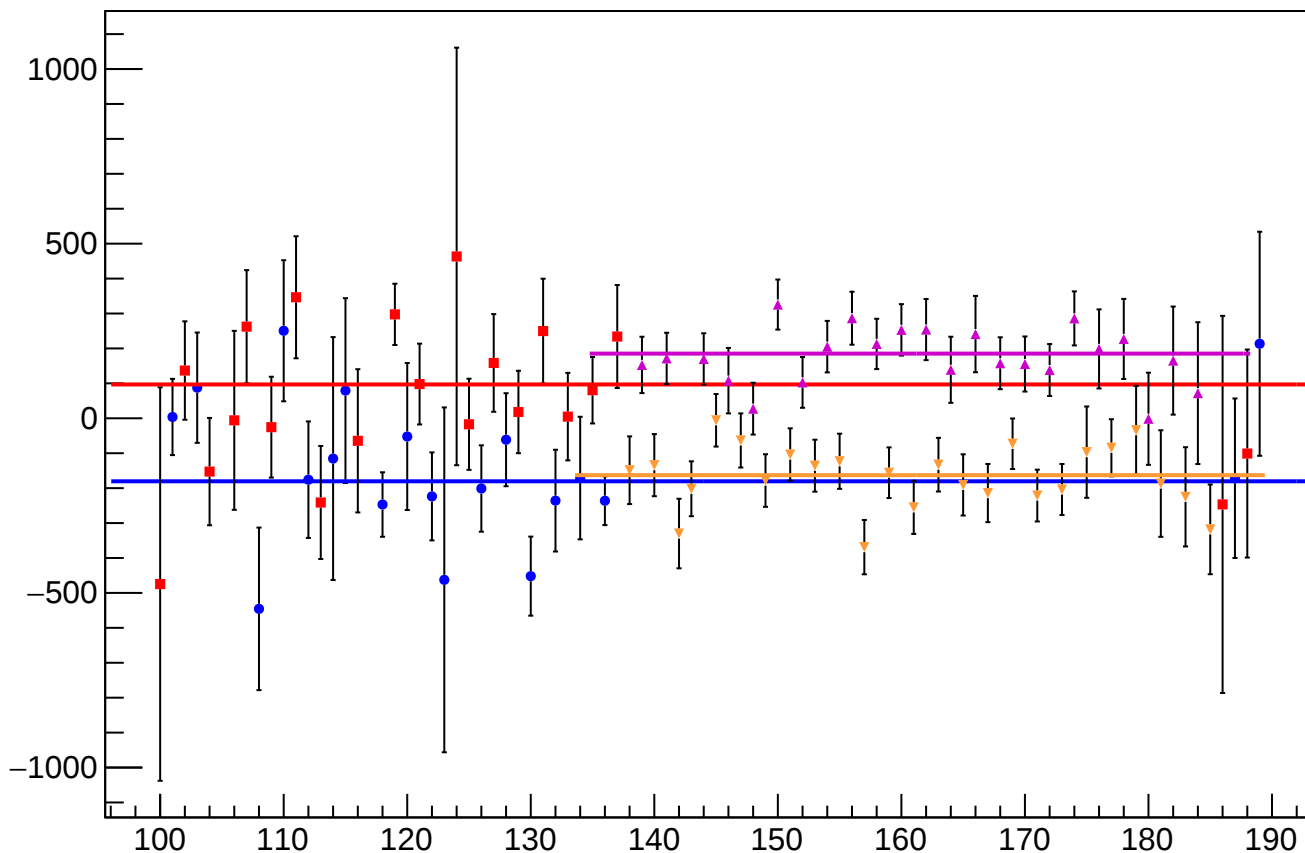
Left In: 316.616 $\pm$ 0.054 χ^2 /NDF:929652.0/22

+ sign 321.469 $\pm$ 0.047 χ^2 /NDF: 3847056.9/43

All: 319.128 $\pm$ 0.033 χ^2 /NDF: 8521706.6/87

- sign 316.807 $\pm$ 0.047 χ^2 /NDF: 4669659.4/43

dit_asym_sam8_mean vs Slug



Right In: -180.383 ± 32.502 χ^2/NDF : 24.0/18

Left Out: -162.932 ± 16.926 χ^2/NDF : 25.7/24

Right Out: 96.887 ± 32.262 χ^2/NDF : 23.0/20

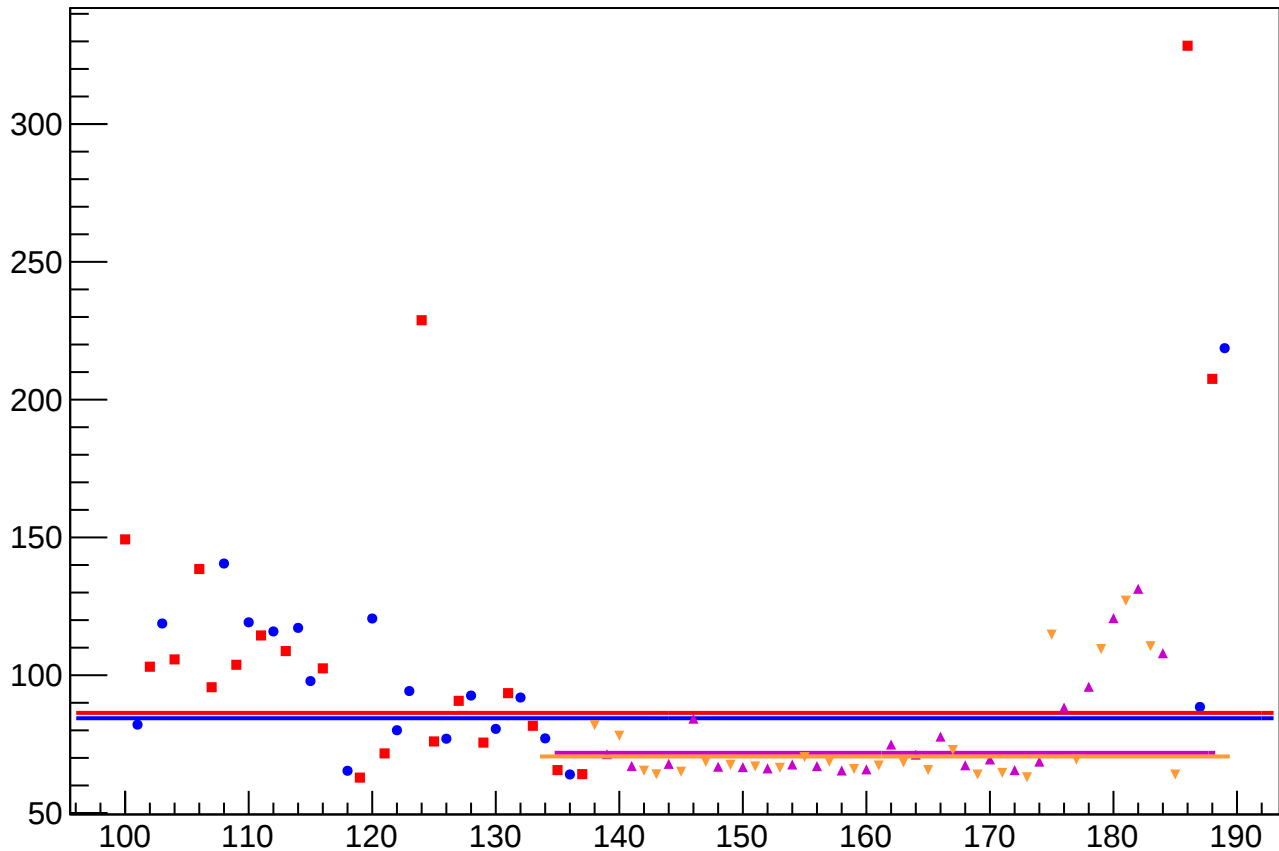
Left In: 185.213 ± 17.594 χ^2/NDF : 19.4/22

+ sign -166.655 ± 15.012 χ^2/NDF : 49.9/43

All: -5.566 ± 10.765 χ^2/NDF : 335.2/87

- sign 164.967 ± 15.446 χ^2/NDF : 48.2/43

dit_asym_sam8_rms vs Slug



Right In: 84.389 $\pm$ 0.023 χ^2 /NDF: 1061895.8/18

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

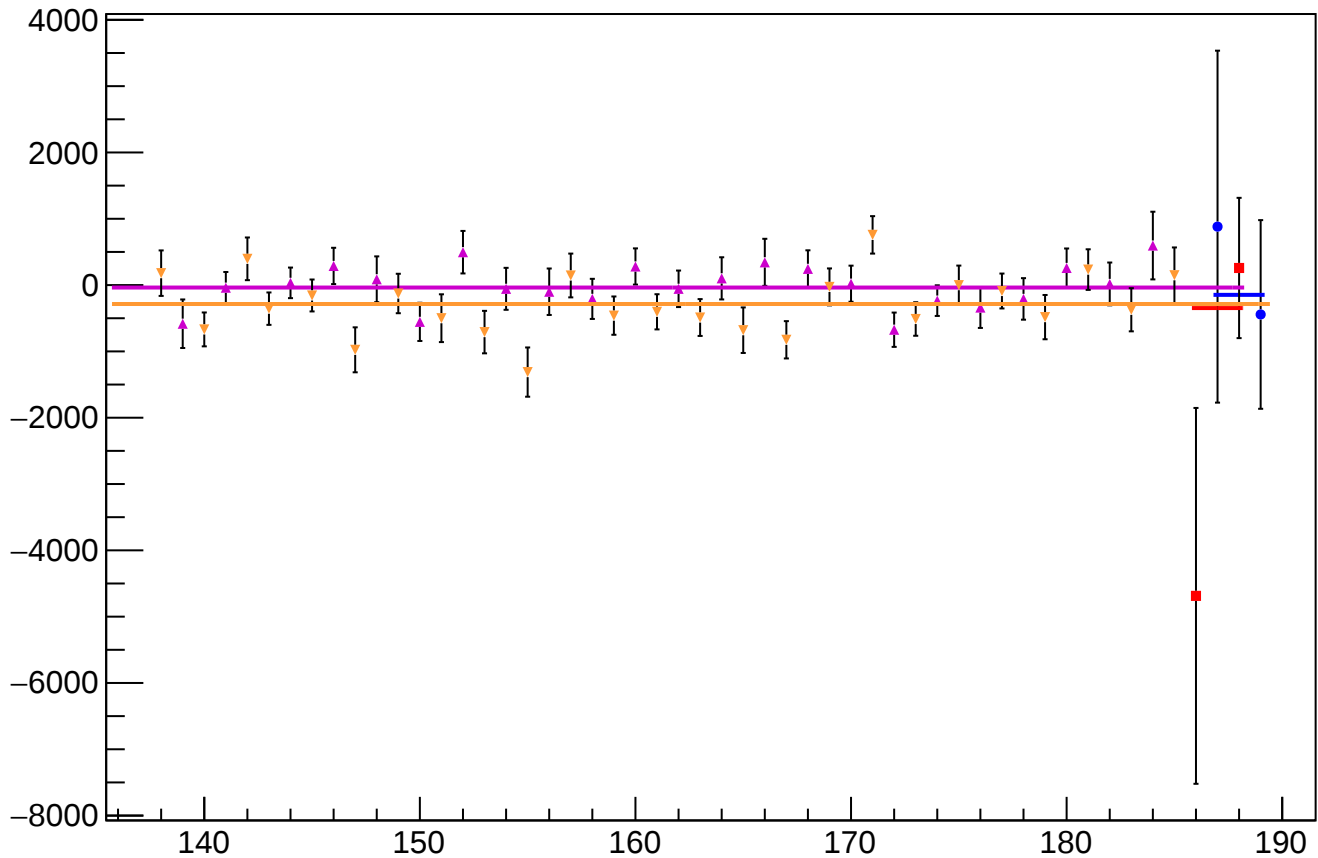
Left In: 71.843 $\pm$ 0.012 χ^2 /NDF: 923326.2/22

+ sign 73.480 $\pm$ 0.011 χ^2 /NDF: 2364947.8/43

All: 74.298 $\pm$ 0.008 χ^2 /NDF: 5120707.8/87

- sign 75.165 $\pm$ 0.011 χ^2 /NDF: 2743511.6/43

asym_sam8_correction_mean vs Slug



Right In: -147.288 ± 1253.835 χ^2/NDF : 0.2/1

Left Out: -285.231 ± 59.396 χ^2/NDF : 52.1/24

Right Out: -346.573 ± 990.959 χ^2/NDF : 2.7/1

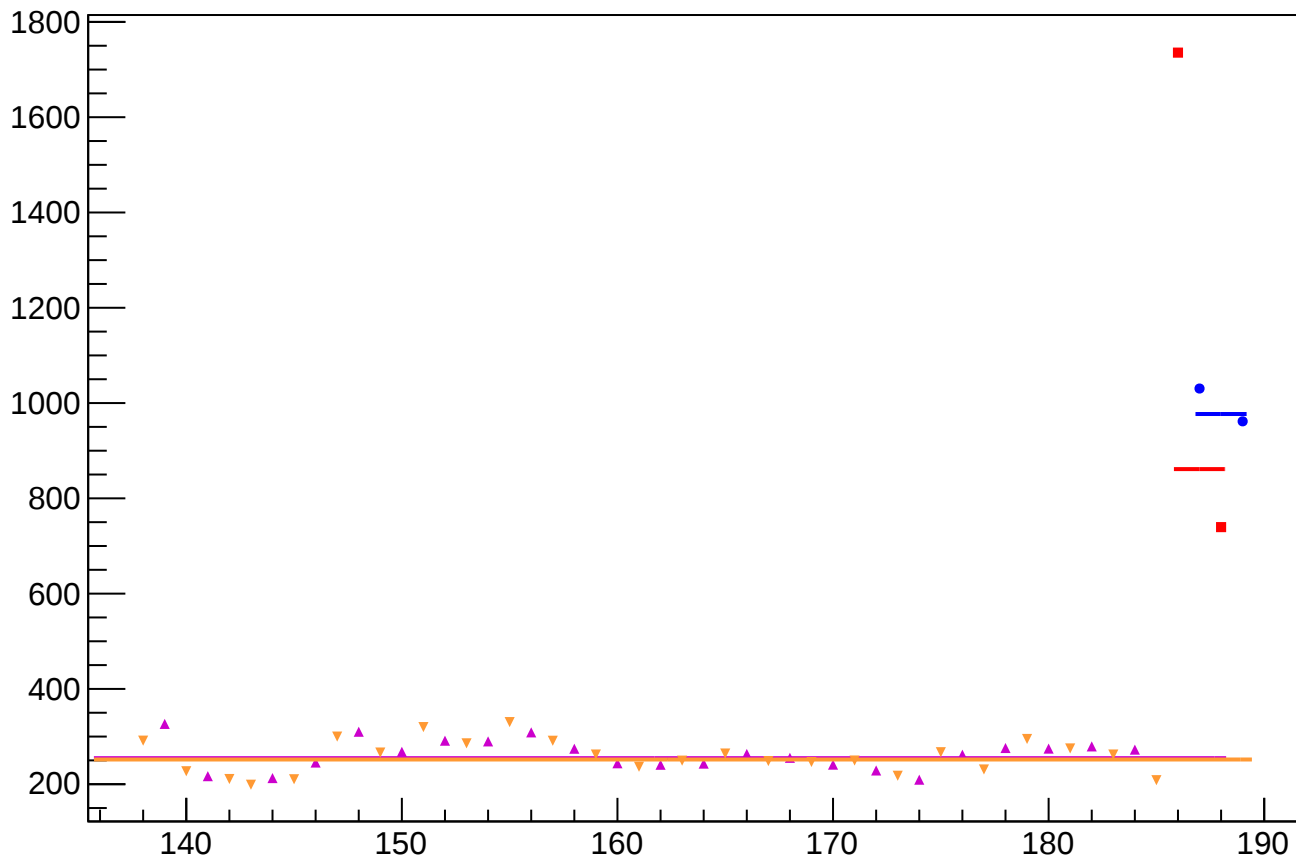
Left In: -36.923 ± 61.202 χ^2/NDF : 24.6/22

+ sign -284.923 ± 59.329 χ^2/NDF : 52.3/26

All: -165.111 ± 42.559 χ^2/NDF : 88.0/51

- sign -38.099 ± 61.086 χ^2/NDF : 27.4/24

asym_sam8_correction_rms vs Slug



Right In: 977.022 $\pm$ 0.887 χ^2 /NDF: 1045.1/1

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

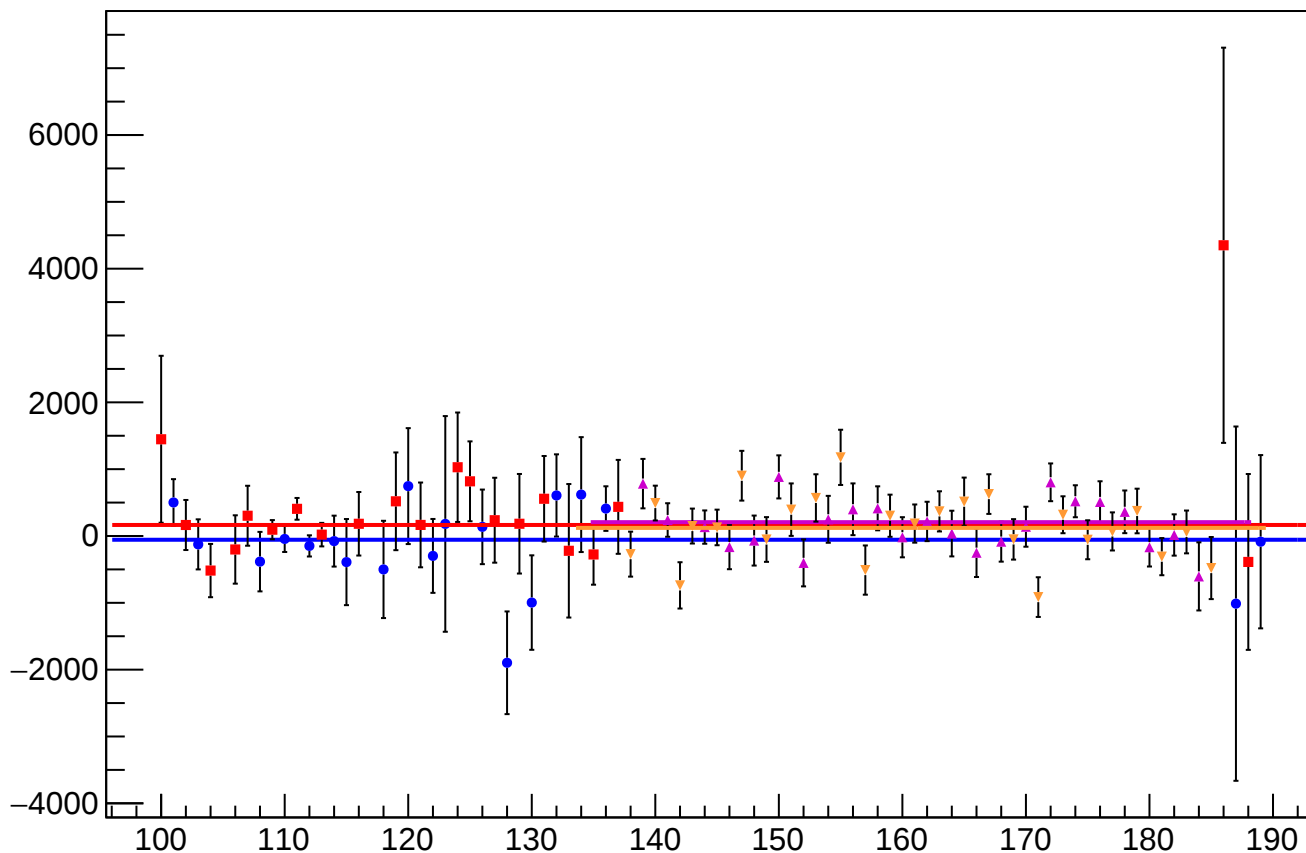
Left In: 254.694 $\pm$ 0.043 χ^2 /NDF:506776.4/22

+ sign 253.486 $\pm$ 0.042 χ^2 /NDF: 1291839.9/26

All: 255.191 $\pm$ 0.030 χ^2 /NDF: 2765630.7/51

- sign 256.999 $\pm$ 0.043 χ^2 /NDF: 1470386.5/24

asym_sam8_mean vs Slug



Right In: -56.187 ± 90.084 χ^2/NDF : 16.7/18

Left Out: 121.185 ± 62.911 χ^2/NDF : 49.0/24

Right Out: 165.082 ± 76.746 χ^2/NDF : 14.1/20

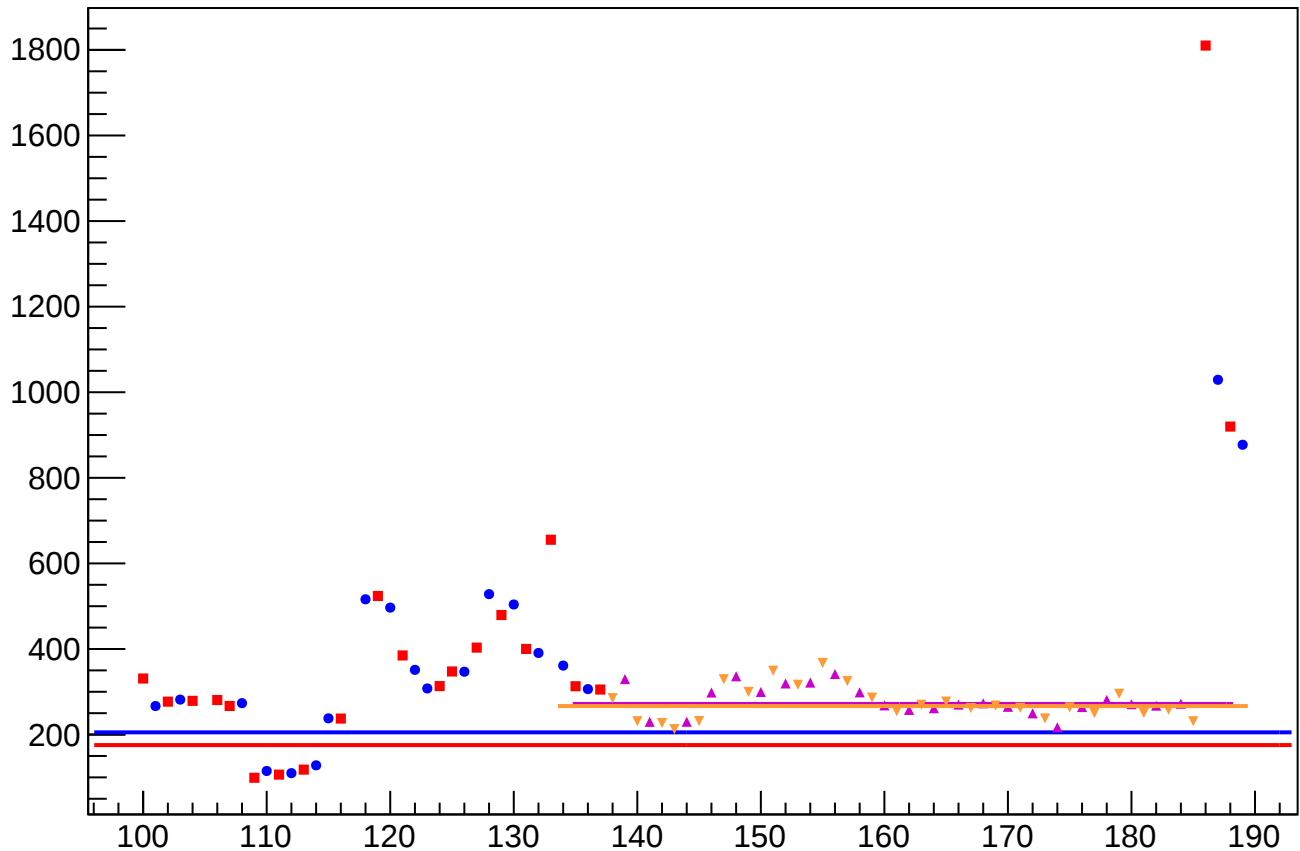
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 63.039 ± 51.578 χ^2/NDF : 68.3/43

All: 128.571 ± 35.793 χ^2/NDF : 113.4/87

- sign 189.441 ± 49.710 χ^2/NDF : 42.0/43

asym_sam8_rms vs Slug



Right In: 205.192+/-0.064 χ^2/NDF : 4171190.9/18

Left Out: 266.618+/-0.044 χ^2/NDF :639230.8/24

Right Out: 175.443+/-0.054 χ^2/NDF : 5348490.7/20

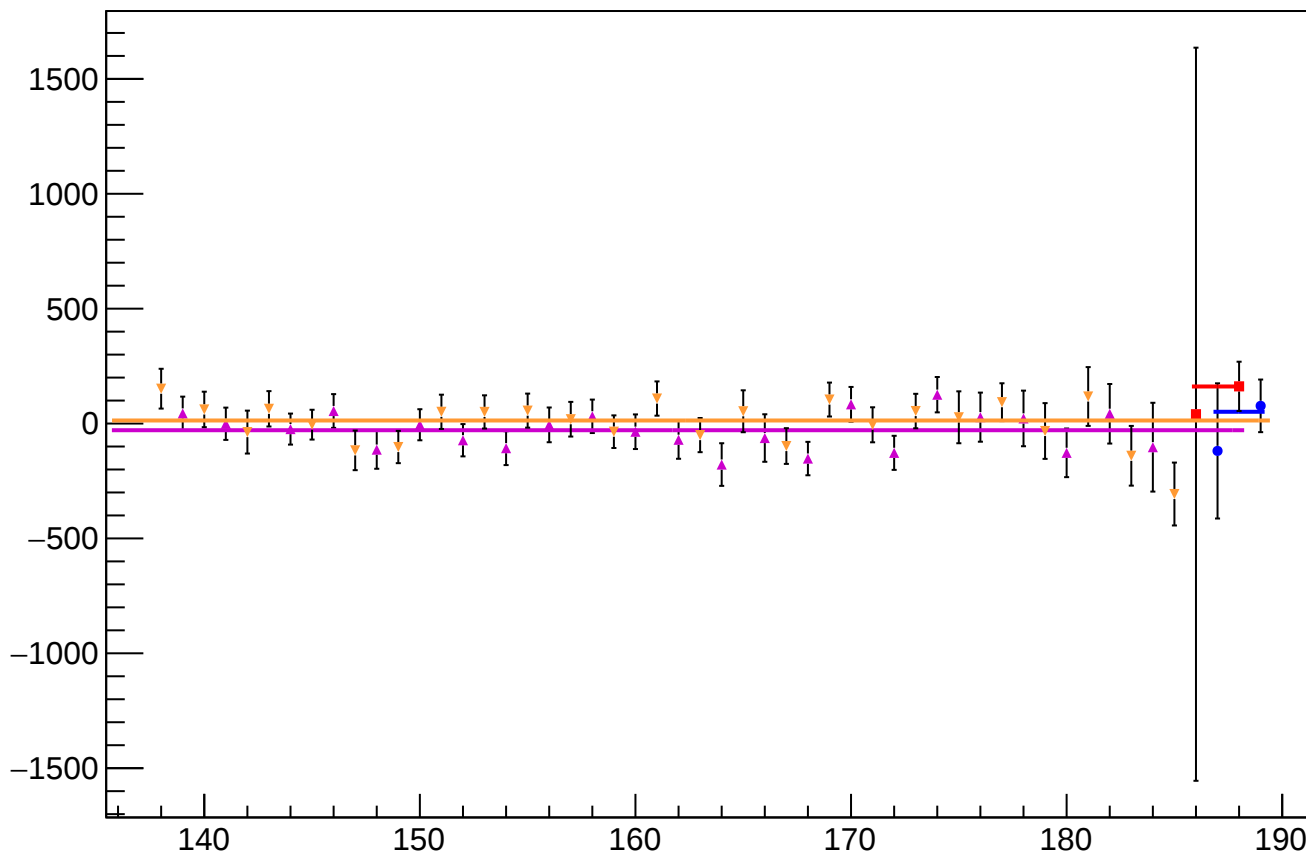
Left In: 271.451+/-0.046 χ^2/NDF :530897.8/22

+ sign 246.481+/-0.036 χ^2/NDF : 5435466.5/43

All: 238.544+/-0.025 χ^2/NDF : 13223008.4/87

- sign 231.172+/-0.035 χ^2/NDF : 7696189.8/43

dit_asym_sam_15_avg_mean vs Slug



Right In: 51.198 $\pm$ 106.703 χ^2 /NDF: 0.4/1

Left Out: 13.294 $\pm$ 16.364 χ^2 /NDF: 25.2/24

Right Out: 161.274 $\pm$ 107.048 χ^2 /NDF: 0.0/1

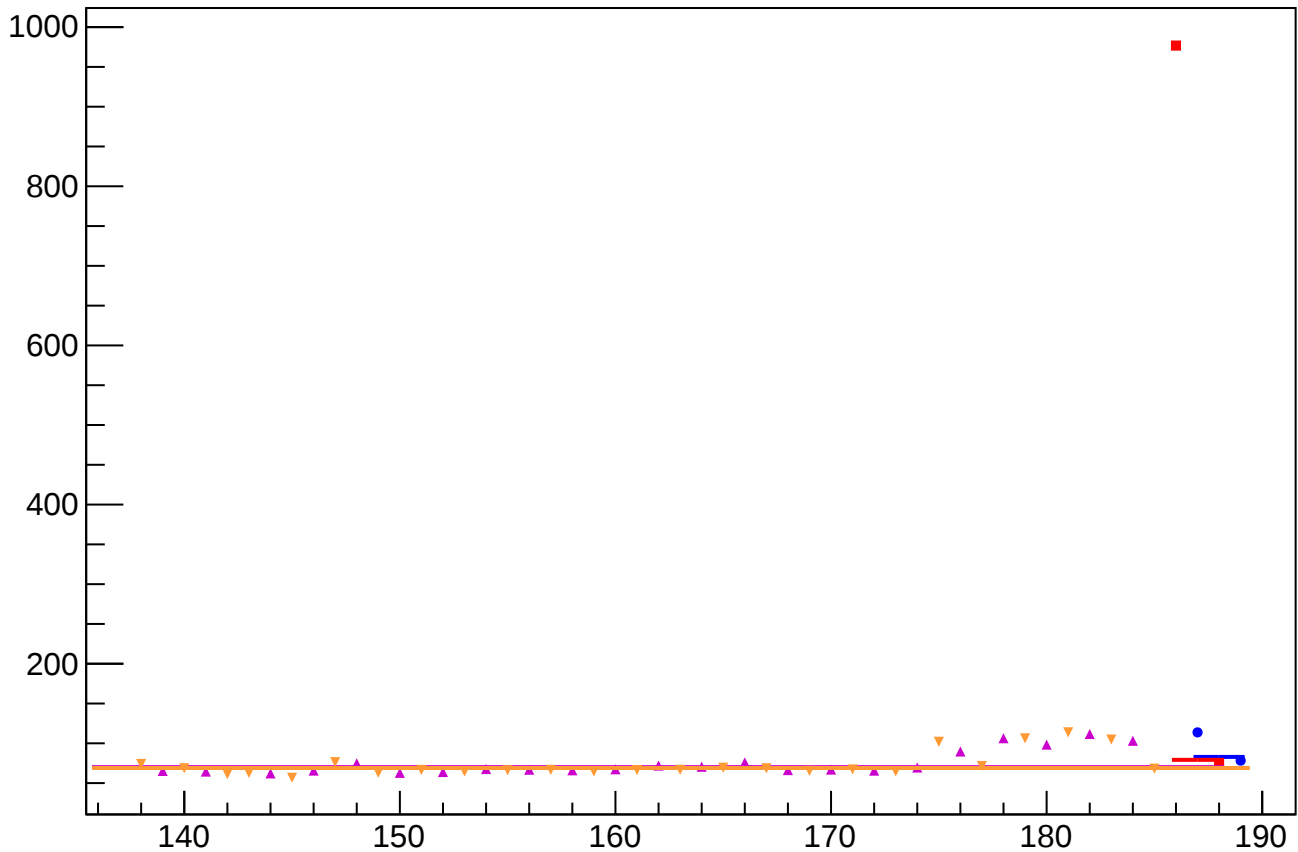
Left In: -29.073 $\pm$ 16.940 χ^2 /NDF: 21.5/22

+ sign 14.165 $\pm$ 16.175 χ^2 /NDF: 25.7/26

All: -4.476 $\pm$ 11.629 χ^2 /NDF: 53.1/51

- sign -24.423 $\pm$ 16.731 χ^2 /NDF: 24.6/24

dit_asym_sam_15_avg_rms vs Slug



Right In: 82.900 $\pm$ 0.075 χ^2 /NDF: 25302.1/1

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

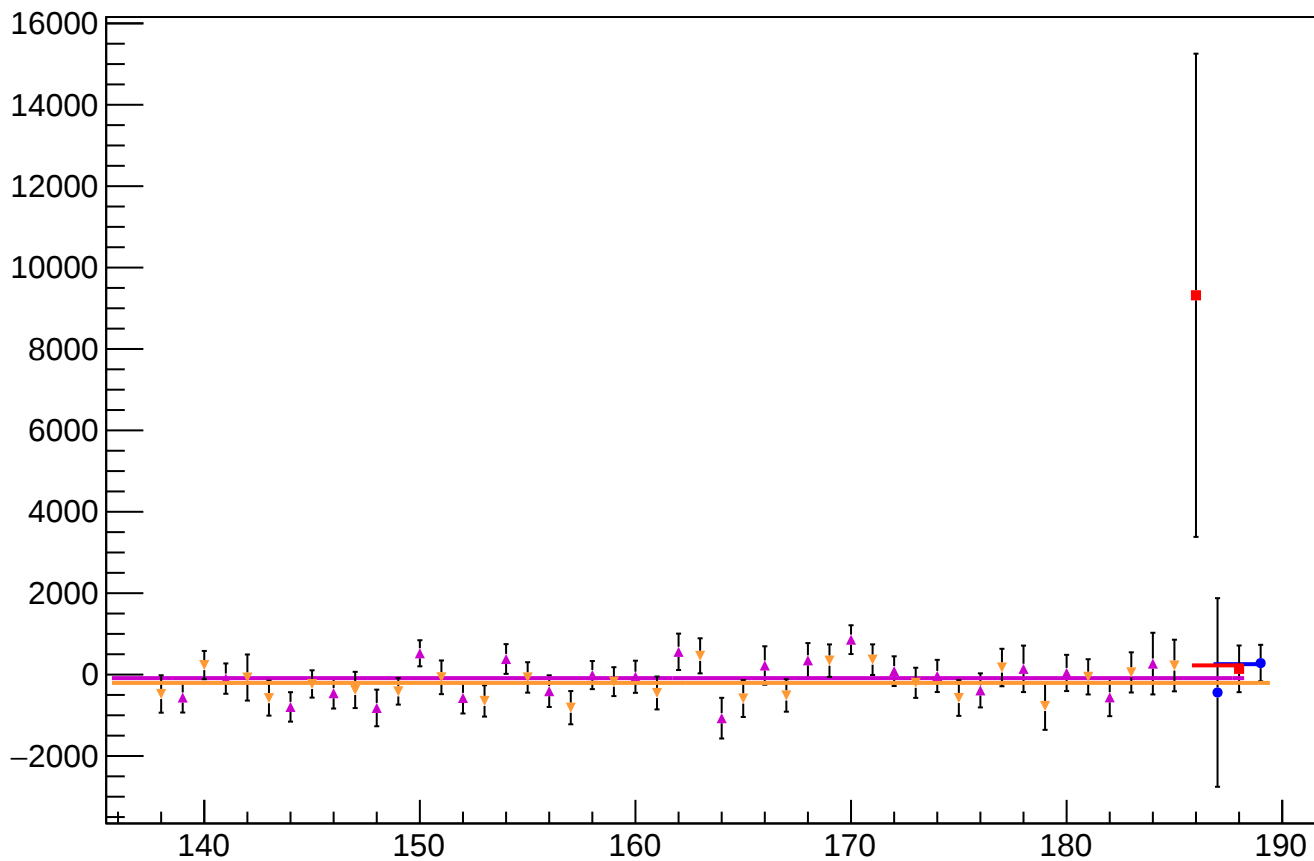
Left In: 70.058 $\pm$ 0.012 χ^2 /NDF: 793545.7/22

+ sign 69.310 $\pm$ 0.011 χ^2 /NDF: 989527.4/26

All: 69.779 $\pm$ 0.008 χ^2 /NDF: 2436762.6/51

- sign 70.282 $\pm$ 0.012 χ^2 /NDF: 1443750.1/24

asym_sam_15_avg_correction_mean vs Slug



Right In: 256.487+/-440.490 χ^2/NDF : 0.1/1

Left Out: -204.446+/-82.586 χ^2/NDF :18.5/24

Right Out: 226.174+/-570.861 χ^2/NDF : 2.4/1

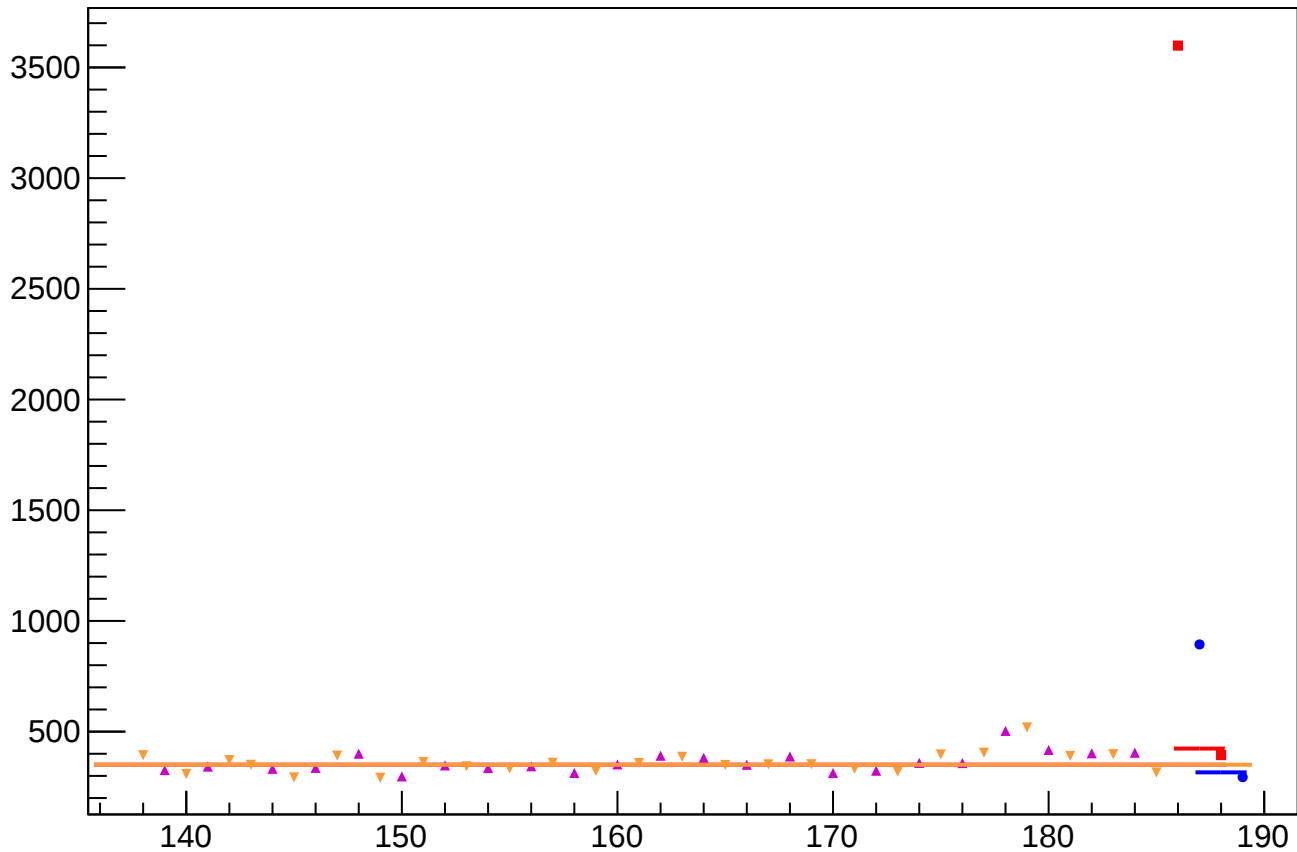
Left In: -86.922+/-84.266 χ^2/NDF :33.6/22

+ sign -188.794+/-81.172 χ^2/NDF : 19.7/26

All: -135.965+/-58.156 χ^2/NDF : 56.8/51

- sign -80.245+/-83.363 χ^2/NDF : 36.3/24

asym_sam_15_avg_correction_rms vs Slug



Right In: 316.012 $\pm$ 0.311 χ^2 /NDF: 129024.9/1

Left Out: 350.500 $\pm$ 0.058 χ^2 /NDF: 500665.4/24

Right Out: 423.515 $\pm$ 0.404 χ^2 /NDF: 577538.3/1

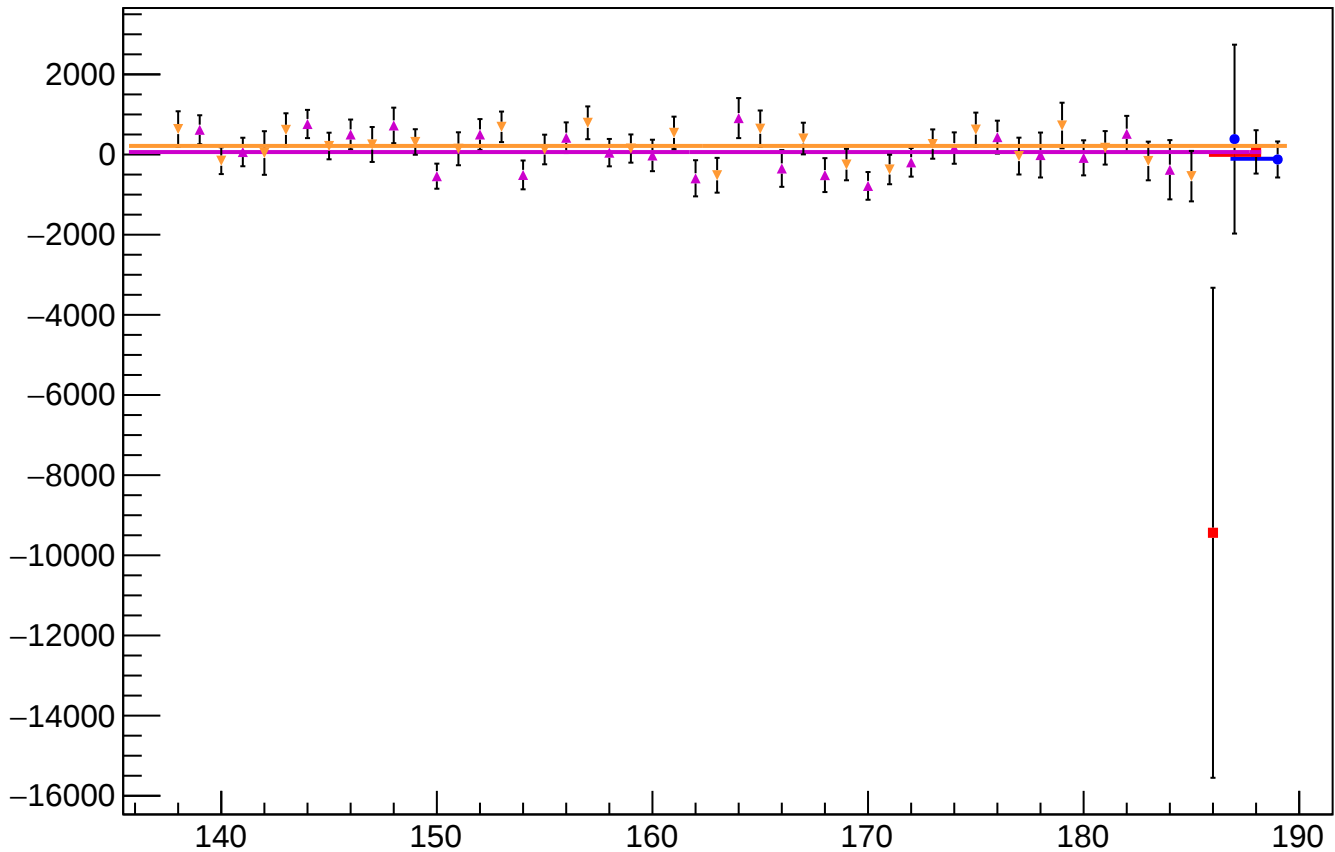
Left In: 350.780 $\pm$ 0.060 χ^2 /NDF: 421229.4/22

+ sign 349.329 $\pm$ 0.057 χ^2 /NDF: 641533.9/26

All: 350.790 $\pm$ 0.041 χ^2 /NDF: 1673408.5/51

- sign 352.331 $\pm$ 0.059 χ^2 /NDF: 1030542.8/24

asym_sam_15_avg_mean vs Slug



Right In: -105.186 $\pm$ 441.657 χ^2/NDF : 0.0/1

Left Out: 215.214 $\pm$ 81.235 χ^2/NDF : 19.6/24

Right Out: -7.846 $\pm$ 538.709 χ^2/NDF : 2.4/1

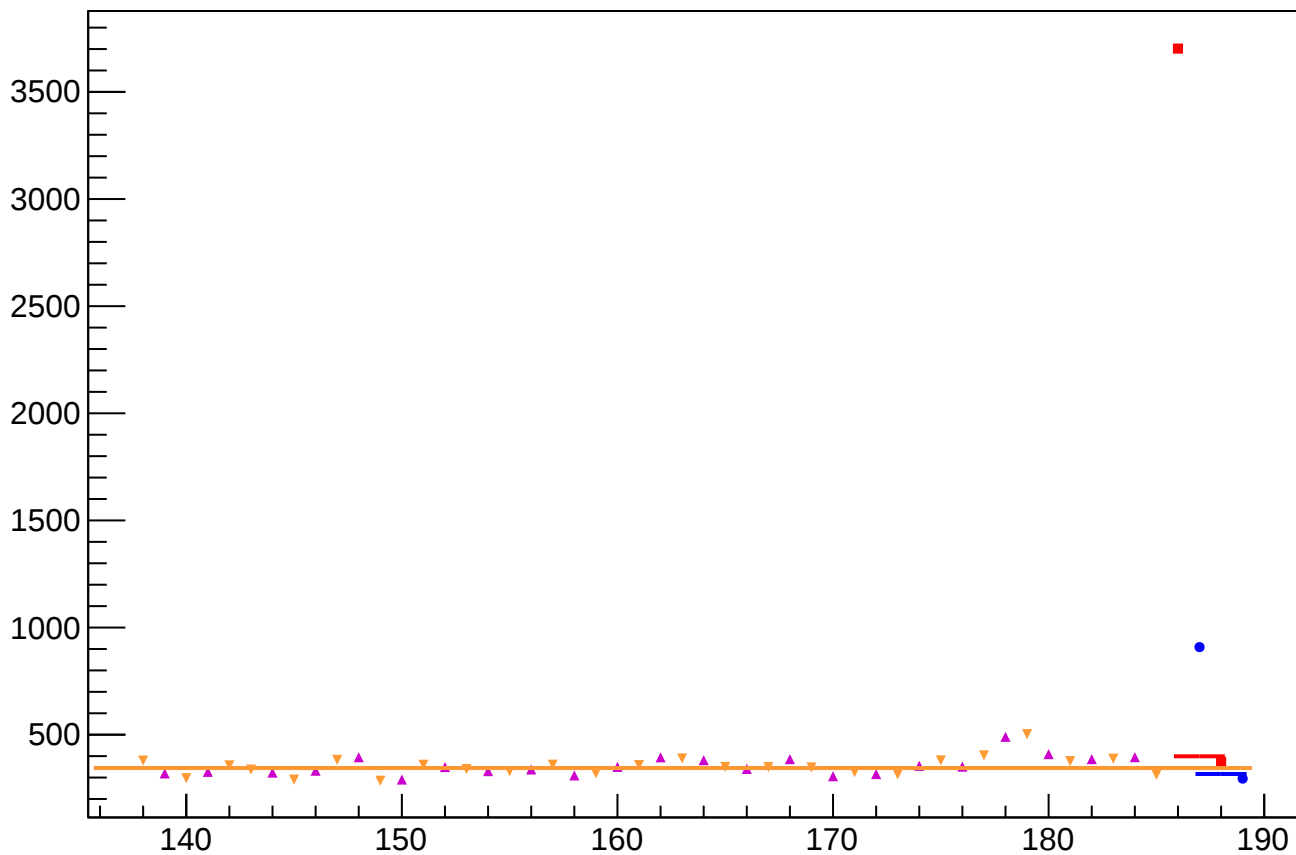
Left In: 61.730 $\pm$ 82.841 χ^2/NDF : 34.9/22

+ sign 204.729 $\pm$ 79.895 χ^2/NDF : 20.1/26

All: 134.199 $\pm$ 57.183 χ^2/NDF : 59.1/51

- sign 60.123 $\pm$ 81.879 χ^2/NDF : 37.3/24

asym_sam_15_avg_rms vs Slug



Right In: 316.704 $\pm$ 0.312 χ^2 /NDF: 130838.0/1

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

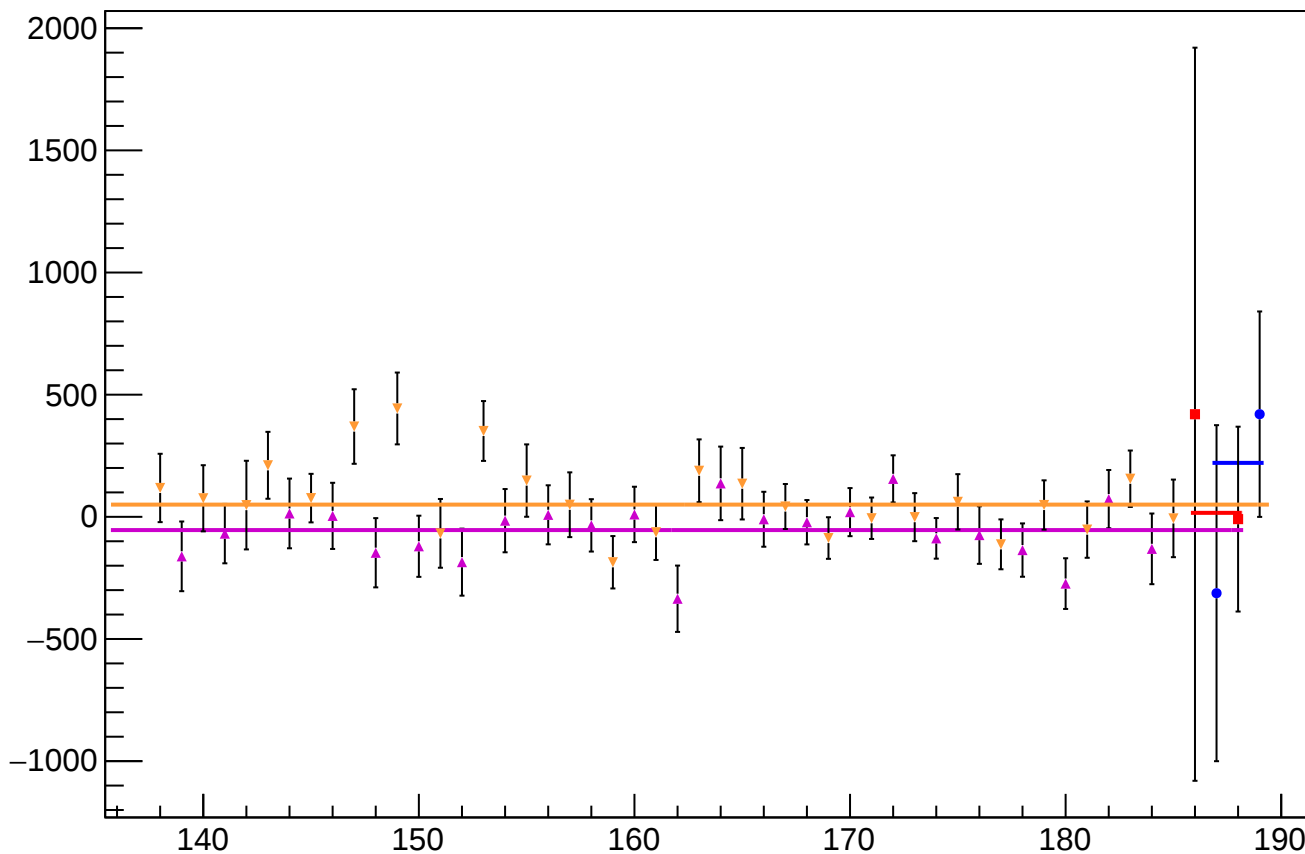
Left In: 344.475 $\pm$ 0.059 χ^2 /NDF: 433401.7/22

+ sign 343.532 $\pm$ 0.056 χ^2 /NDF: 626848.8/26

All: 344.608 $\pm$ 0.040 χ^2 /NDF: 1669474.7/51

- sign 345.739 $\pm$ 0.058 χ^2 /NDF: 1041881.4/24

dit_asym_sam_26_avg_mean vs Slug



Right In: 220.849 $\pm$ 358.704 χ^2 /NDF: 0.8/1

Left Out: 50.044 $\pm$ 23.364 χ^2 /NDF: 35.4/24

Right Out: 16.307 $\pm$ 366.834 χ^2 /NDF: 0.1/1

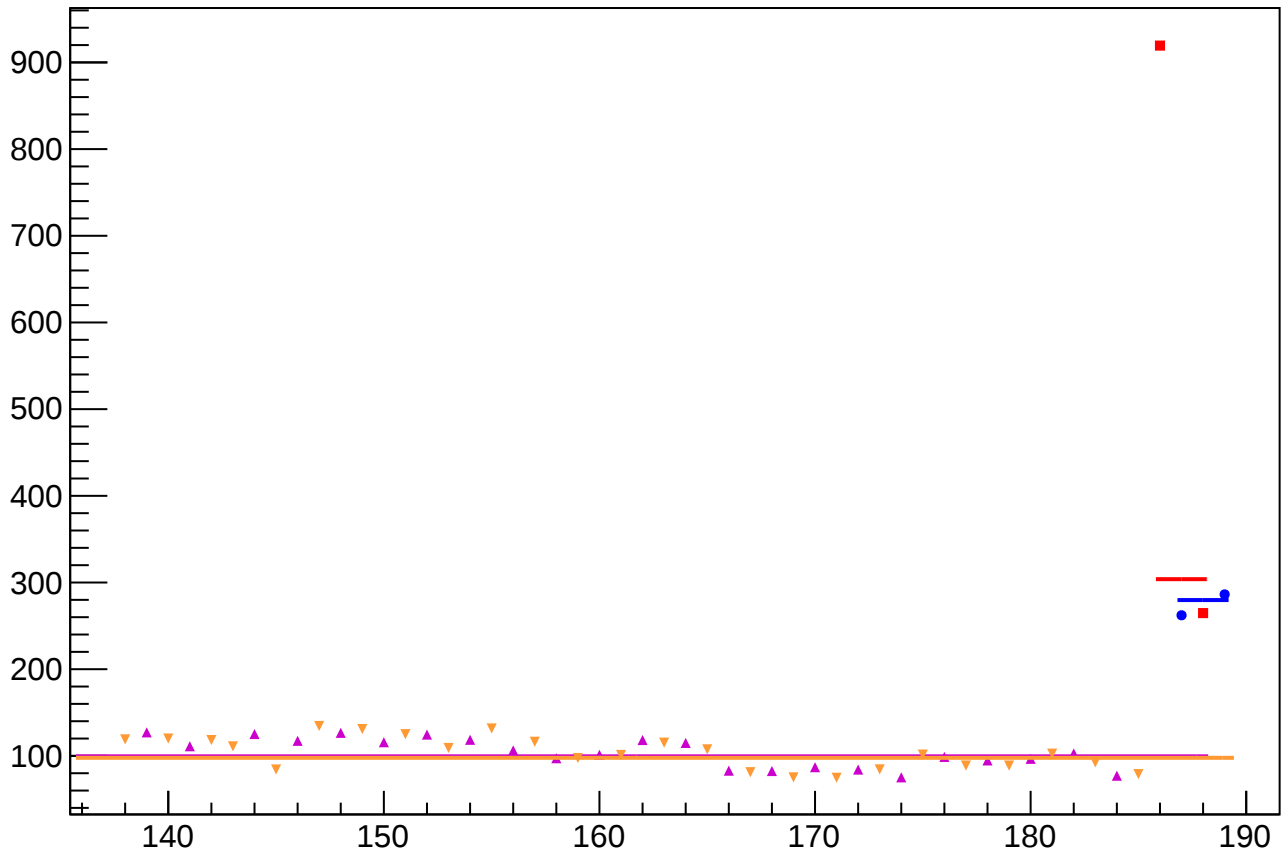
Left In: -54.211 $\pm$ 24.242 χ^2 /NDF: 21.4/22

+ sign 50.766 $\pm$ 23.314 χ^2 /NDF: 36.5/26

All: 0.357 $\pm$ 16.786 χ^2 /NDF: 67.7/51

- sign -53.904 $\pm$ 24.189 χ^2 /NDF: 21.5/24

dit_asym_sam_26_avg_rms vs Slug



Right In: 279.757 ± 0.254 χ^2/NDF : 1787.5/1

Left Out: 97.776 ± 0.017 χ^2/NDF : 1140773.7/24

Right Out: 303.861 ± 0.259 χ^2/NDF : 358009.6/1

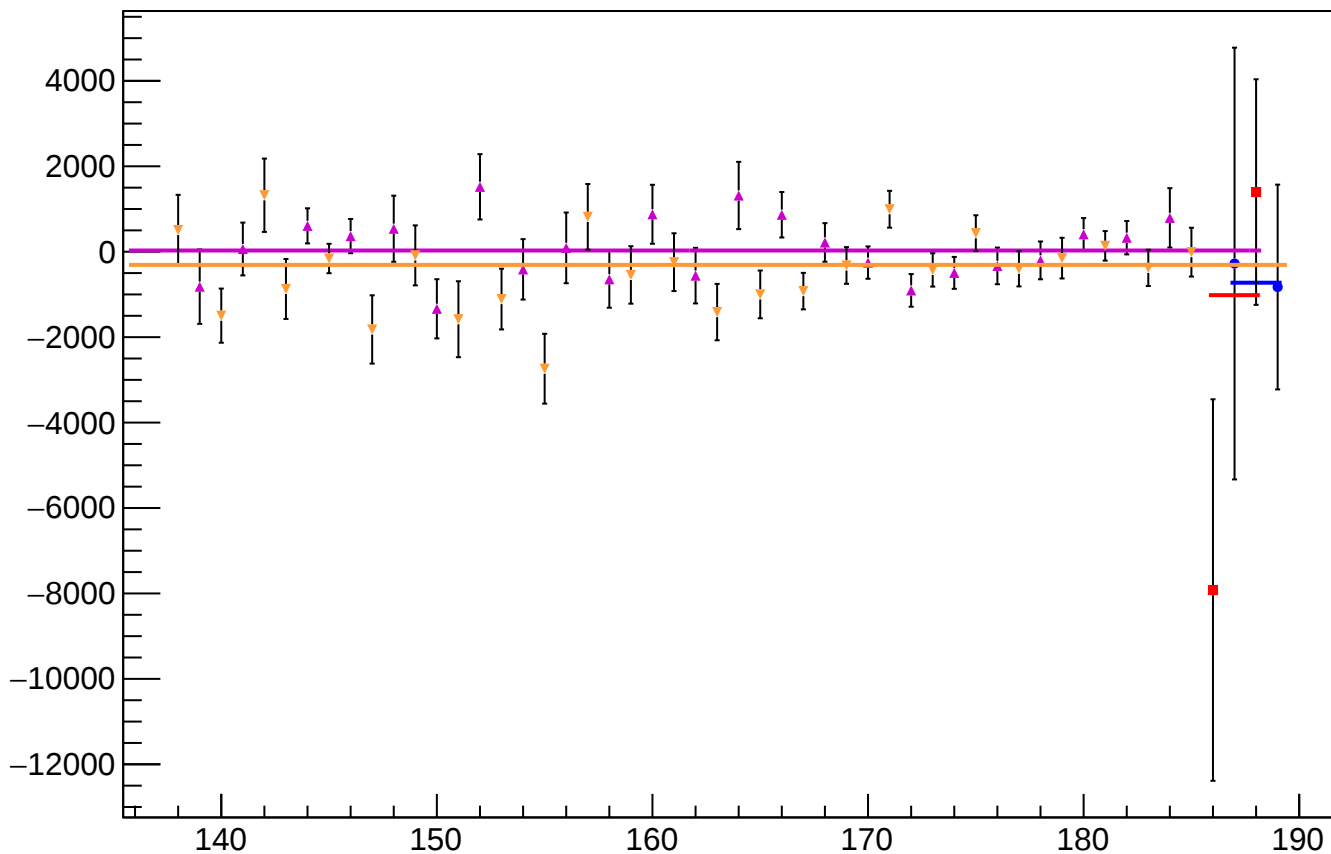
Left In: 99.502 ± 0.017 χ^2/NDF : 898572.4/22

+ sign 98.545 ± 0.016 χ^2/NDF : 1655149.6/26

All: 99.434 ± 0.012 χ^2/NDF : 3535760.6/51

- sign 100.391 ± 0.017 χ^2/NDF : 1874576.1/24

asym_sam_26_avg_correction_mean vs Slug



Right In: -725.500 ± 2165.776 χ^2/NDF : 0.0/1

Left Out: -308.038 ± 104.531 χ^2/NDF : 47.9/24

Right Out: -1016.688 ± 2272.891 χ^2/NDF : 3.2/1

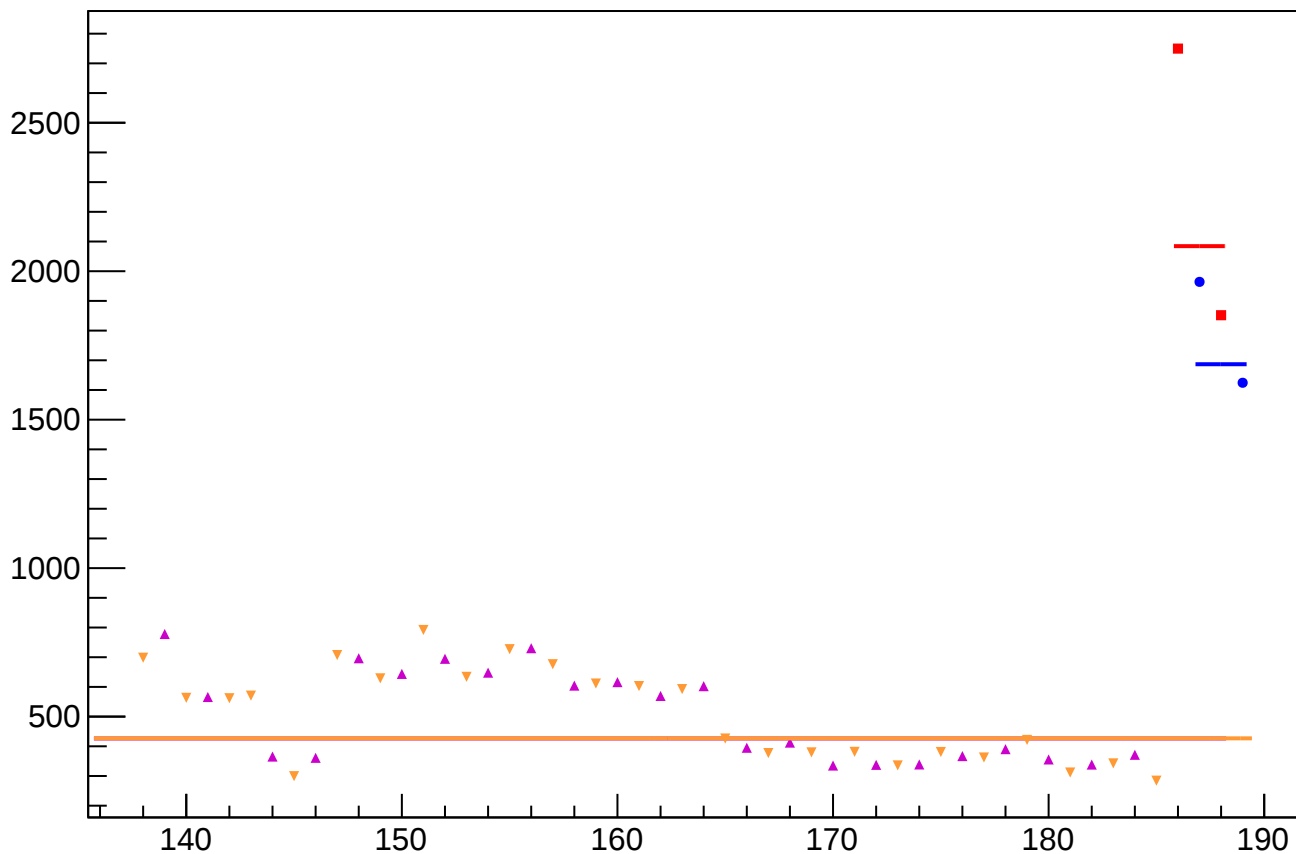
Left In: 28.710 ± 106.080 χ^2/NDF : 33.1/22

+ sign -309.008 ± 104.409 χ^2/NDF : 48.0/26

All: -143.765 ± 74.372 χ^2/NDF : 89.6/51

- sign 26.437 ± 105.965 χ^2/NDF : 36.5/24

asym_sam_26_avg_correction_rms vs Slug



Right In: 1686.728+/-1.531 χ^2 /NDF: 7381.3/1

Left Out: 426.792+/-0.074 χ^2 /NDF: 3210955.9/24

Right Out: 2084.402+/-1.607 χ^2 /NDF: 59909.1/1

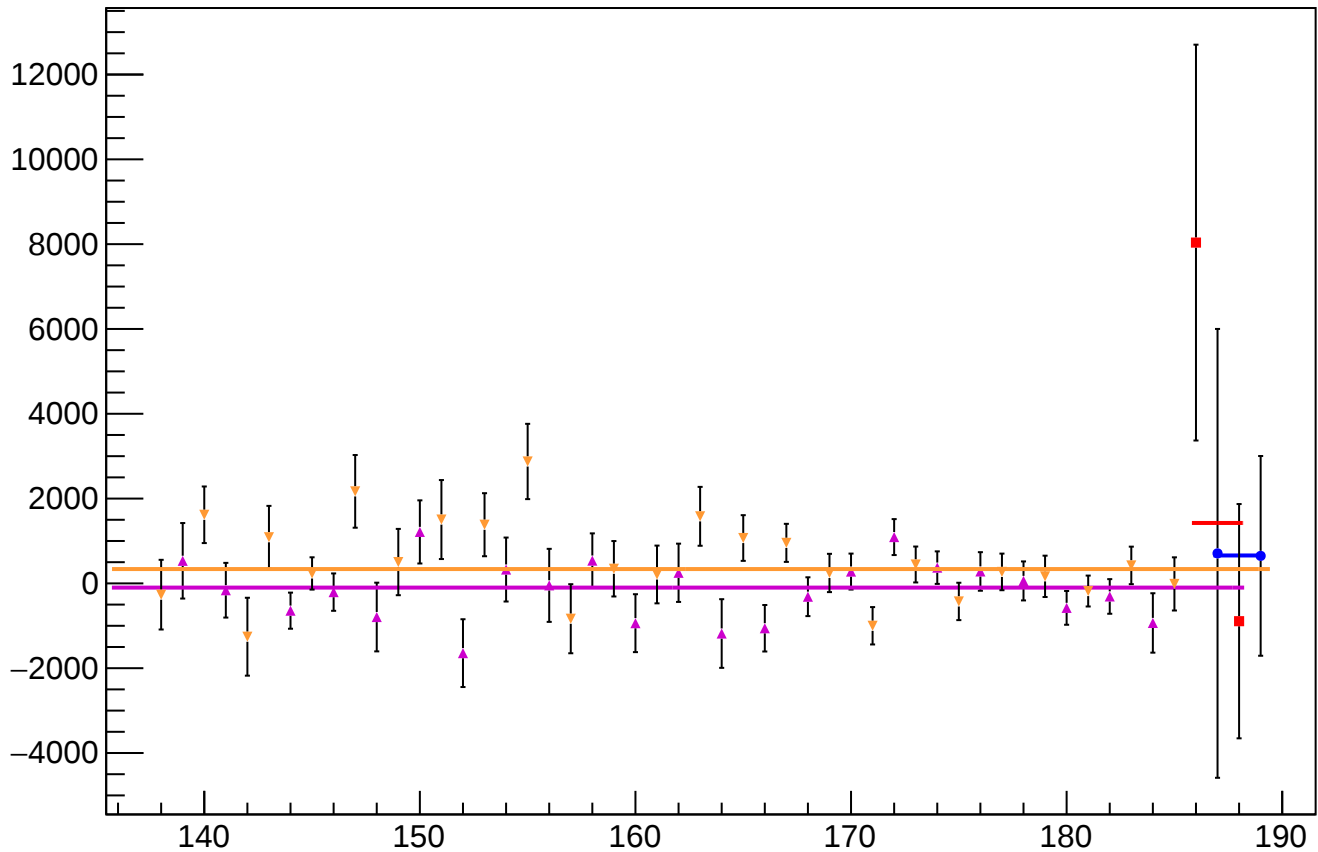
Left In: 426.333+/-0.075 χ^2 /NDF: 2745935.4/22

+ sign 429.720+/-0.074 χ^2 /NDF: 3893625.7/26

All: 429.827+/-0.053 χ^2 /NDF: 7761495.1/51

- sign 429.937+/-0.075 χ^2 /NDF: 3867865.2/24

asym_sam_26_avg_mean vs Slug



Right In: 658.374 ± 2151.739 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 337.948 ± 109.831 $\chi^2/\text{NDF}: 48.6/24$

Right Out: 1424.898 ± 2377.317 $\chi^2/\text{NDF}: 2.7/1$

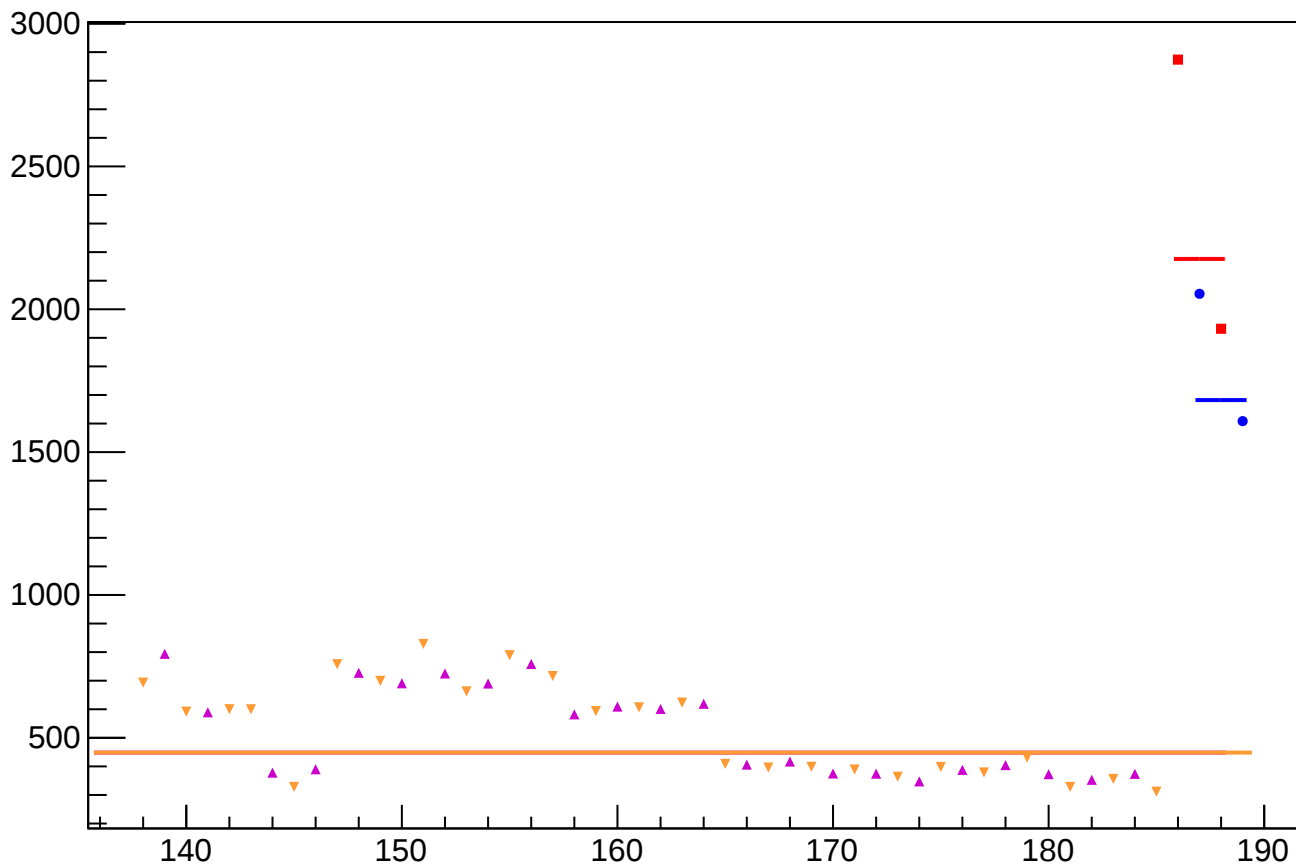
Left In: -99.475 ± 111.475 $\chi^2/\text{NDF}: 32.1/22$

+ sign 338.780 ± 109.688 $\chi^2/\text{NDF}: 48.6/26$

All: 124.600 ± 78.143 $\chi^2/\text{NDF}: 91.5/51$

- sign -96.131 ± 111.353 $\chi^2/\text{NDF}: 35.2/24$

asym_sam_26_avg_rms vs Slug



Right In: 1682.123+/-1.522 χ^2/NDF : 11838.2/1

Left Out: 448.397+/-0.078 χ^2/NDF : 3077183.0/24

Right Out: 2176.209+/-1.681 χ^2/NDF : 60332.9/1

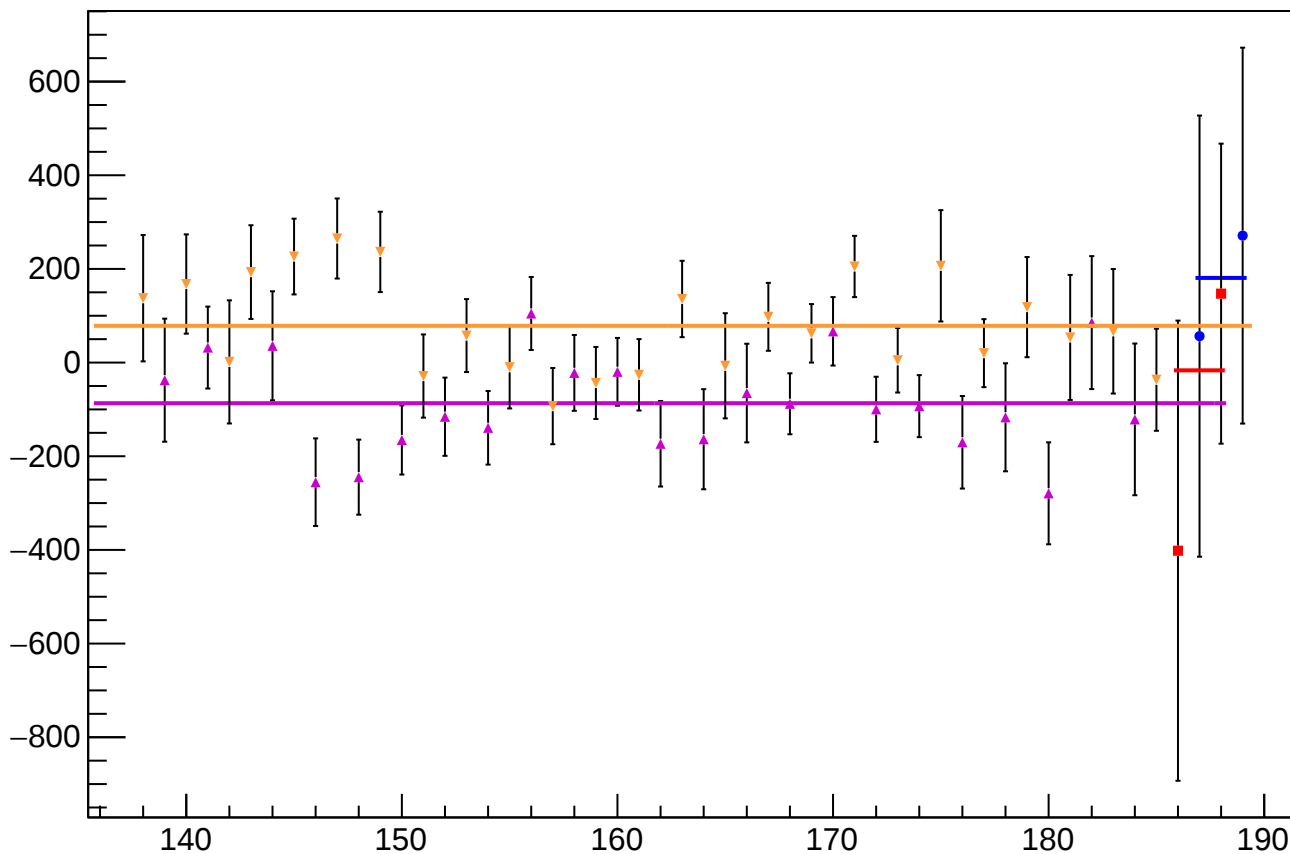
Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

+ sign 451.603+/-0.078 χ^2/NDF : 3744801.1/26

All: 451.813+/-0.055 χ^2/NDF : 7422929.0/51

- sign 452.029+/-0.079 χ^2/NDF : 3678113.0/24

dit_asym_sam_37_avg_mean vs Slug



Right In: 180.806 ± 305.475 χ^2/NDF : 0.1/1

Left Out: 78.521 ± 17.395 χ^2/NDF : 34.6/24

Right Out: -16.547 ± 268.324 χ^2/NDF : 0.9/1

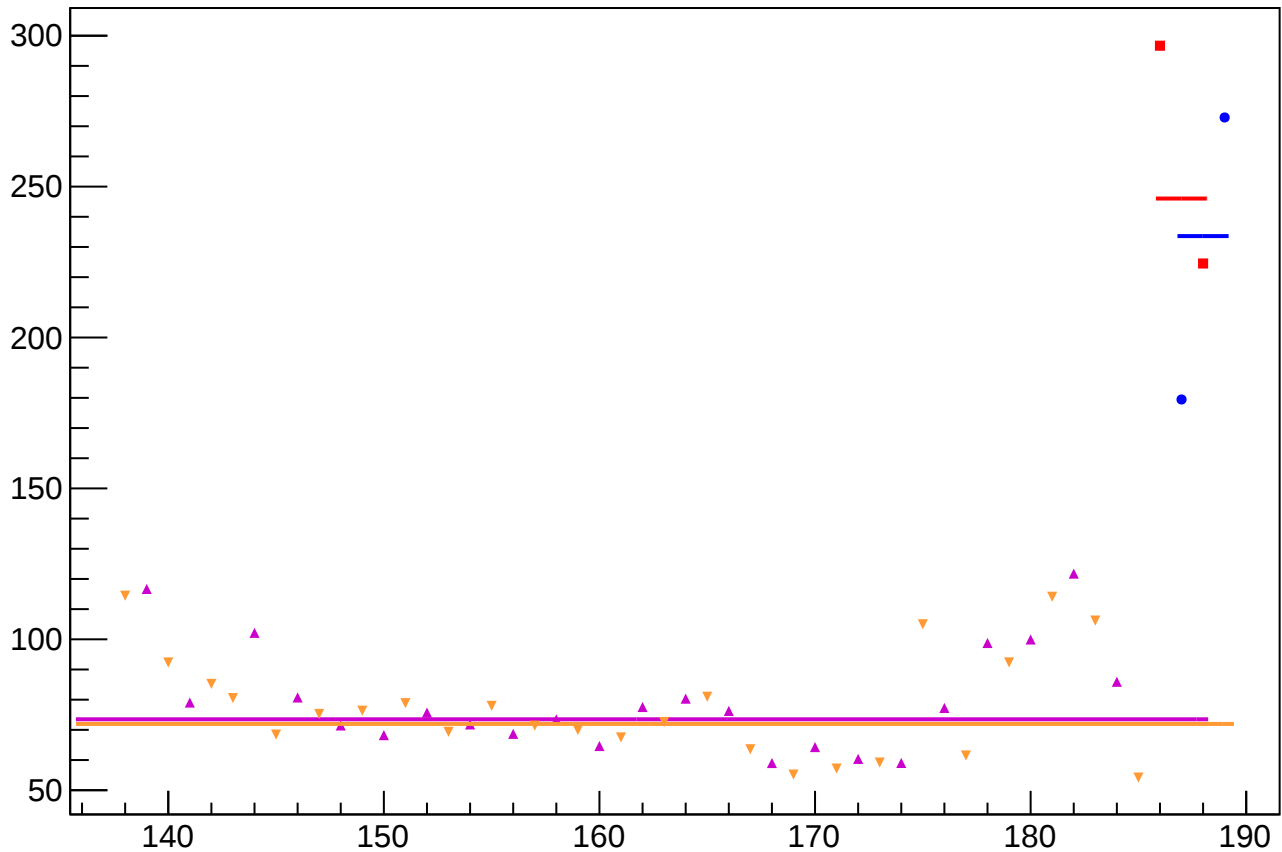
Left In: -86.721 ± 18.153 χ^2/NDF : 30.8/22

+ sign 78.852 ± 17.366 χ^2/NDF : 34.8/26

All: -0.306 ± 12.535 χ^2/NDF : 110.0/51

- sign -86.401 ± 18.111 χ^2/NDF : 31.7/24

dit_asym_sam_37_avg_rms vs Slug



Right In: 233.606 $\pm$ 0.216 χ^2 /NDF: 45604.9/1

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

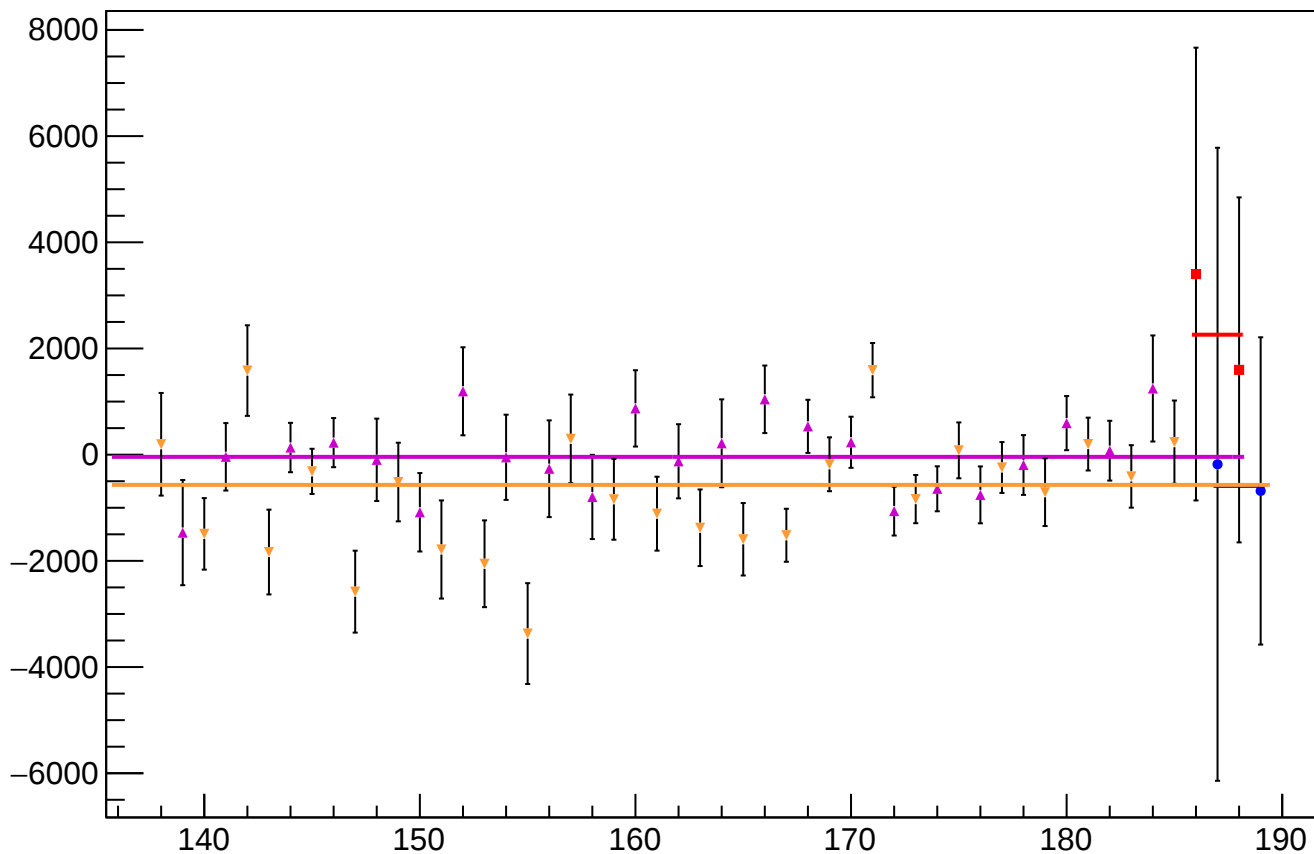
Left In: 73.503 $\pm$ 0.013 χ^2 /NDF:1179670.4/22

+ sign 72.486 $\pm$ 0.012 χ^2 /NDF: 1963856.6/26

All: 73.350 $\pm$ 0.009 χ^2 /NDF: 4007381.9/51

- sign 74.289 $\pm$ 0.013 χ^2 /NDF: 2033201.3/24

asym_sam_37_avg_correction_mean vs Slug



Right In: -587.139+/-2603.363 χ^2/NDF : 0.0/1

Left Out: -568.824+/-125.104 χ^2/NDF : 65.6/24

Right Out: 2260.010+/-2584.300 χ^2/NDF : 0.1/1

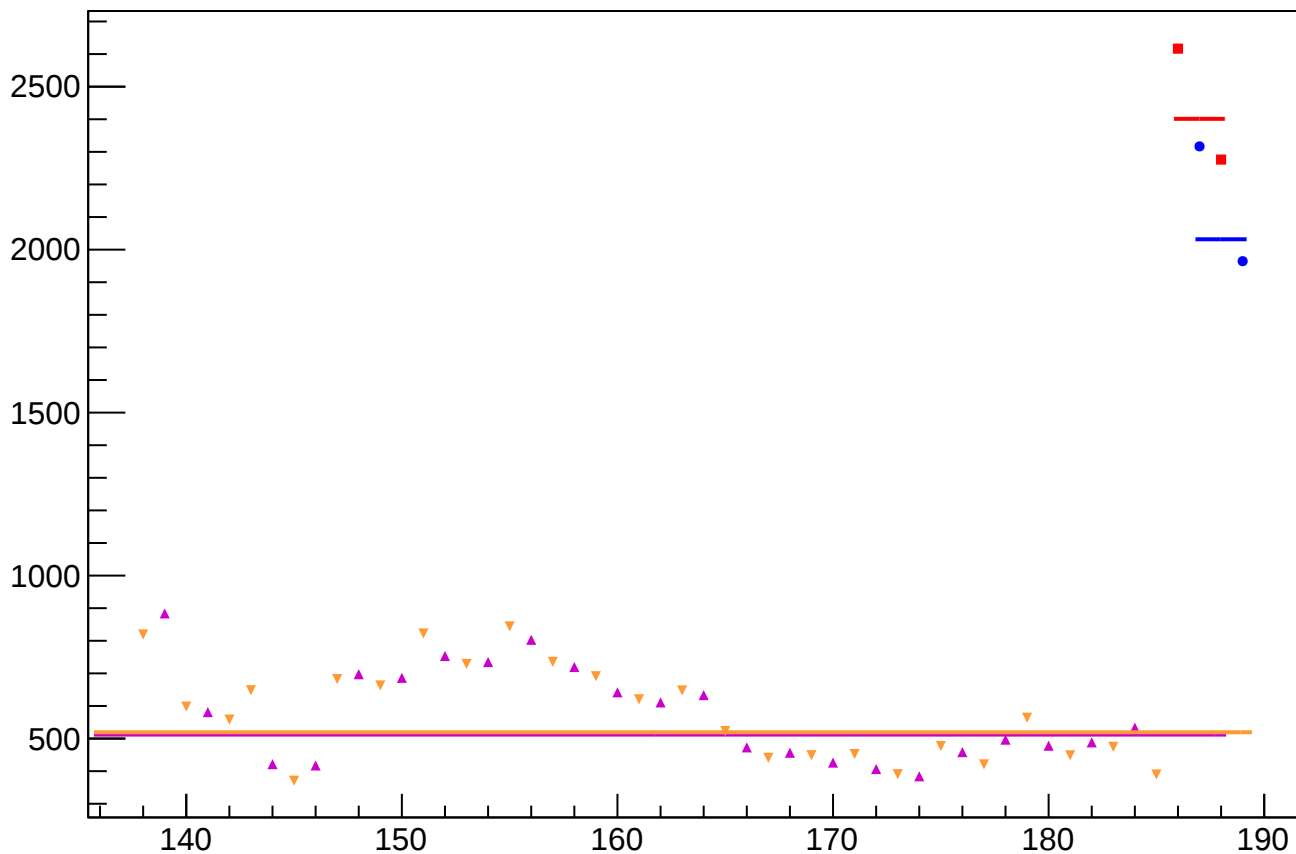
Left In: -41.212+/-125.719 χ^2/NDF : 26.1/22

+ sign -568.866+/-124.960 χ^2/NDF : 65.6/26

All: -303.621+/-88.575 χ^2/NDF : 101.6/51

- sign -35.779+/-125.571 χ^2/NDF : 27.0/24

asym_sam_37_avg_correction_rms vs Slug



Right In: 2031.774+/-1.841 χ^2 /NDF: 5647.8/1

Left Out: 519.337+/-0.088 χ^2 /NDF:2104194.2/24

Right Out: 2401.336+/-1.827 χ^2 /NDF: 8058.7/1

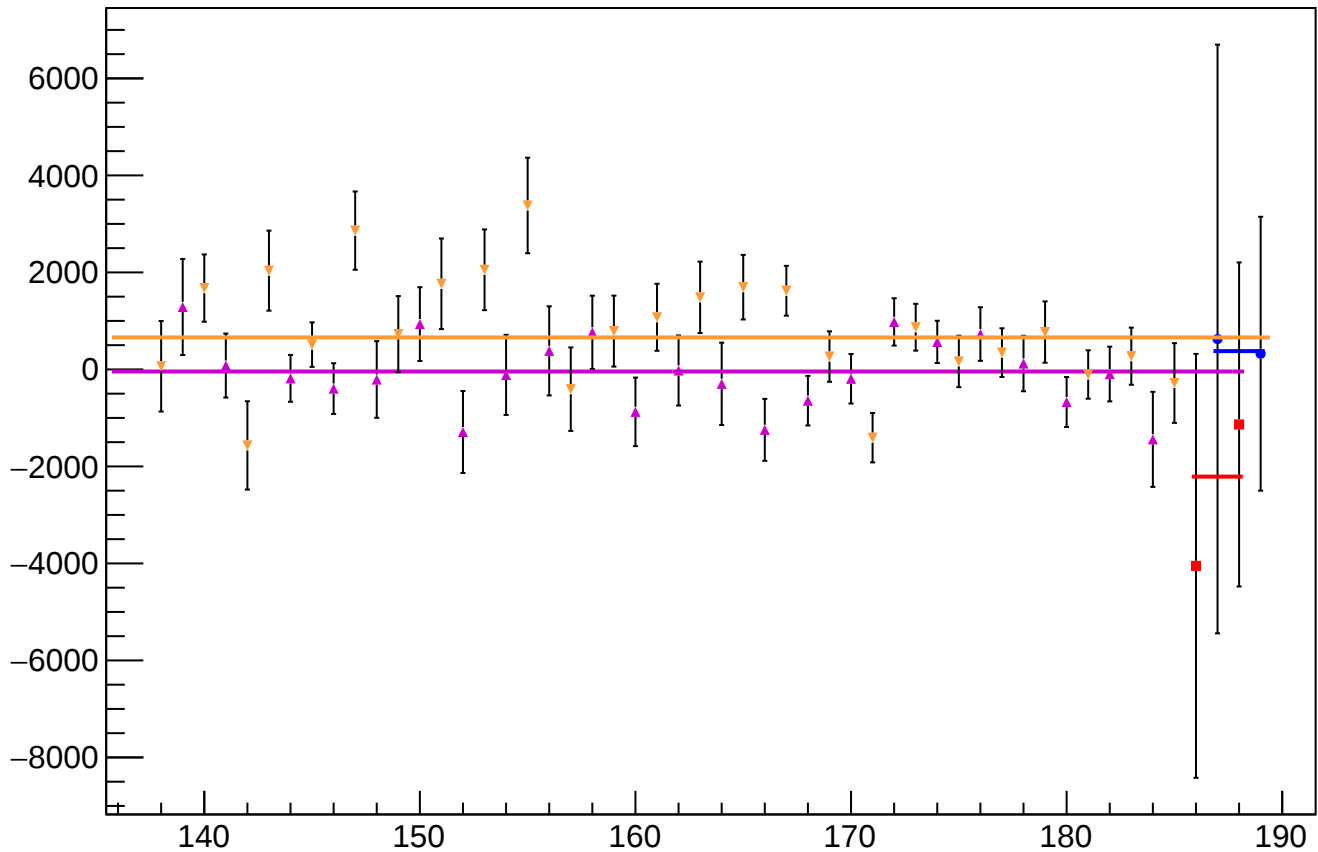
Left In: 512.163+/-0.089 χ^2 /NDF:1921516.3/22

+ sign 522.821+/-0.088 χ^2 /NDF: 2783304.2/26

All: 519.738+/-0.063 χ^2 /NDF: 5781581.8/51

- sign 516.624+/-0.089 χ^2 /NDF: 2995829.7/24

asym_sam_37_avg_mean vs Slug



Right In: 377.408 $\pm$ 2559.931 χ^2 /NDF: 0.0/1

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

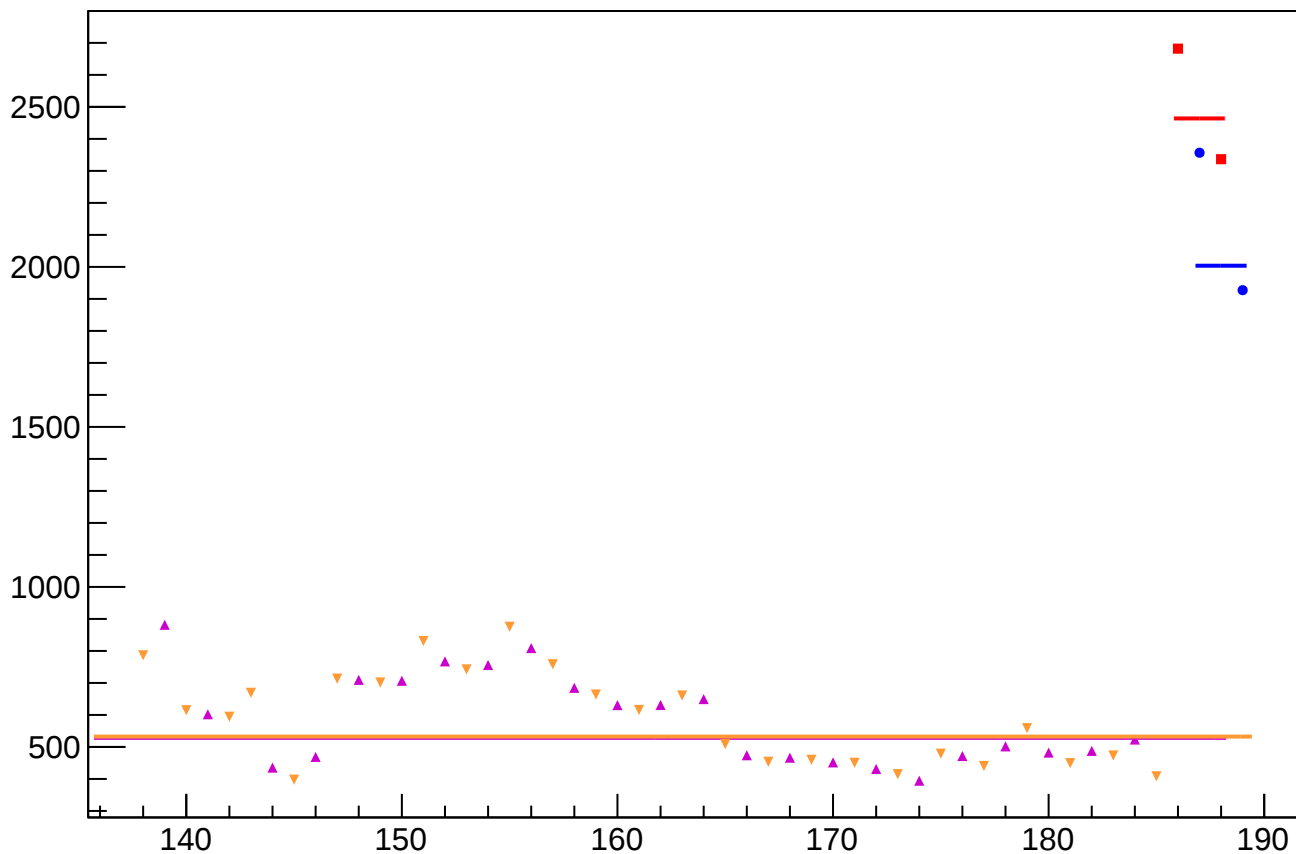
Left In: -43.183 $\pm$ 129.538 χ^2 /NDF: 26.0/22

+ sign 658.818 $\pm$ 128.004 χ^2 /NDF: 62.4/26

All: 309.033 $\pm$ 90.996 χ^2 /NDF: 104.5/51

- sign -48.333 $\pm$ 129.384 χ^2 /NDF: 27.0/24

asym_sam_37_avg_rms vs Slug



Right In: 2003.685+/-1.810 χ^2/NDF : 8233.9/1

Left Out: 532.393+/-0.091 χ^2/NDF : 1943066.8/24

Right Out: 2463.898+/-1.877 χ^2/NDF : 7888.0/1

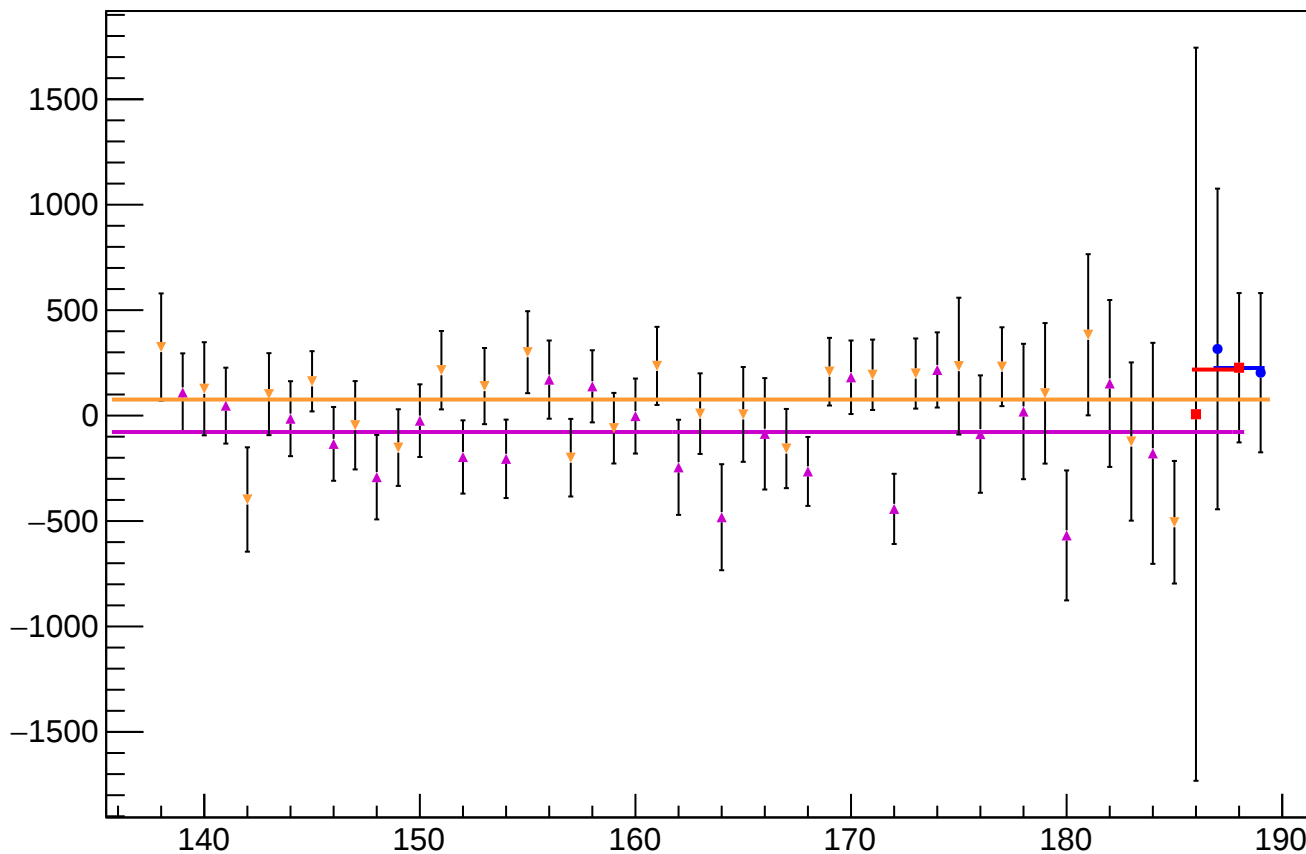
Left In: 528.464+/-0.092 χ^2/NDF : 1712049.5/22

+ sign 536.071+/-0.091 χ^2/NDF : 2610299.0/26

All: 534.584+/-0.064 χ^2/NDF : 5392001.2/51

- sign 533.065+/-0.091 χ^2/NDF : 2781156.4/24

dit_asym_sam_48_avg_mean vs Slug



Right In: 225.600 $\pm$ 338.162 χ^2 /NDF: 0.0/1

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

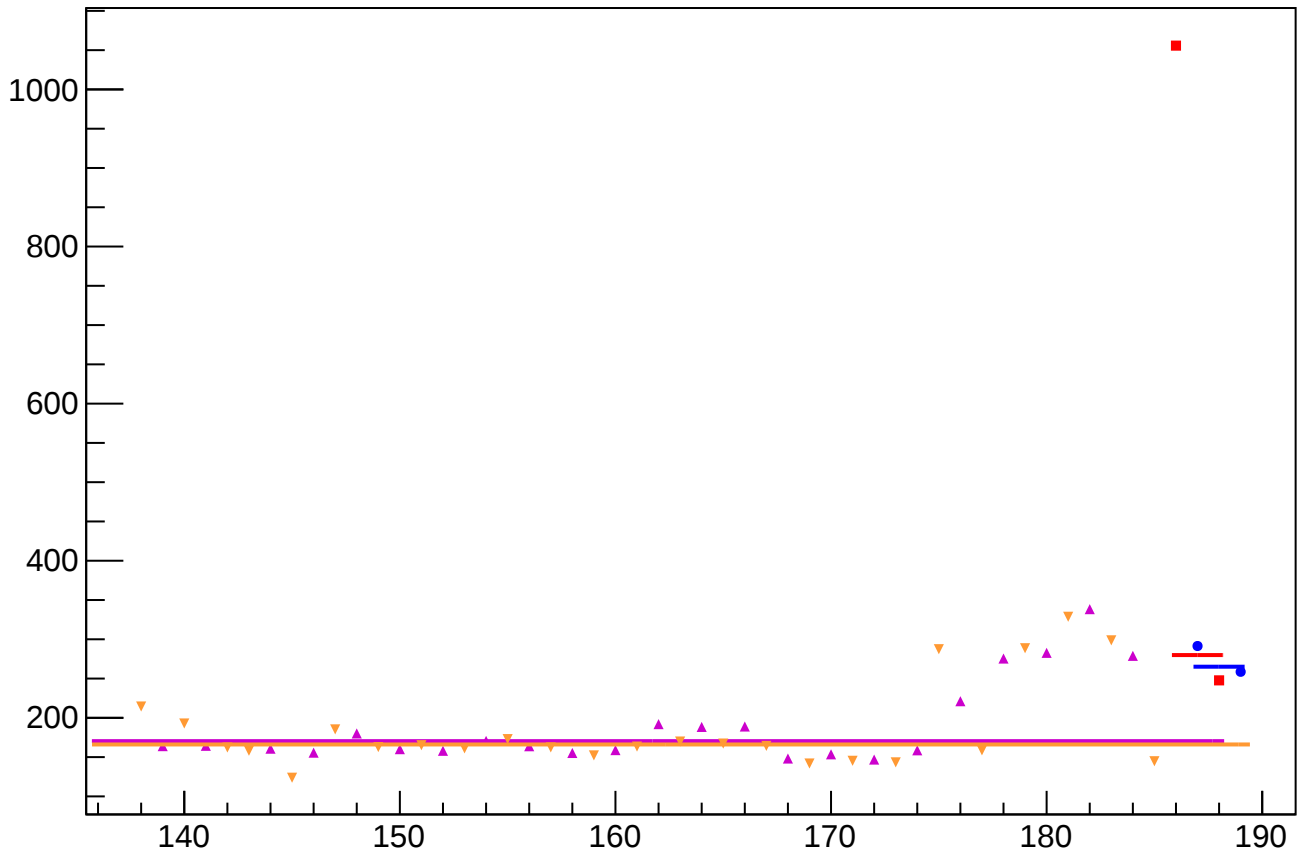
Left In: -77.905 $\pm$ 41.864 χ^2 /NDF:24.7/22

+ sign 78.177 $\pm$ 39.857 χ^2 /NDF: 22.2/26

All: 5.438 $\pm$ 28.767 χ^2 /NDF: 54.6/51

- sign -73.656 $\pm$ 41.562 χ^2 /NDF: 25.4/24

dit_asym_sam_48_avg_rms vs Slug



Right In: 265.099 $\pm$ 0.239 χ^2/NDF : 2990.2/1

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

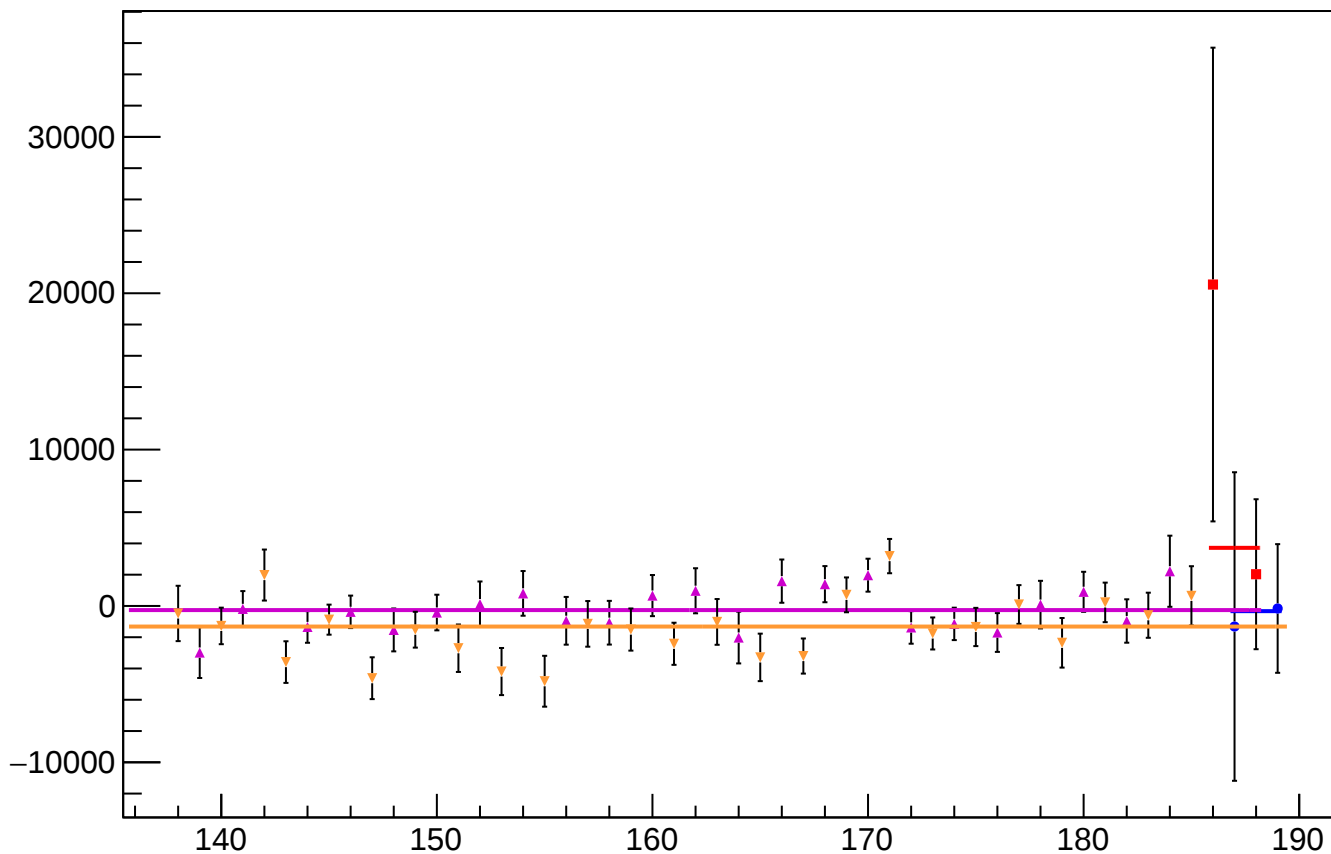
Left In: 170.340 $\pm$ 0.030 χ^2/NDF : 1208577.3/22

+ sign 167.481 $\pm$ 0.028 χ^2/NDF : 1780450.5/26

All: 169.604 $\pm$ 0.020 χ^2/NDF : 3612480.8/51

- sign 171.912 $\pm$ 0.029 χ^2/NDF : 1820187.1/24

asym_sam_48_avg_correction_mean vs Slug



Right In: -332.378 ± 3797.638 χ^2/NDF : 0.0/1

Left Out: -1317.466 ± 261.671 χ^2/NDF : 52.8/24

Right Out: 3717.074 ± 4572.216 χ^2/NDF : 1.4/1

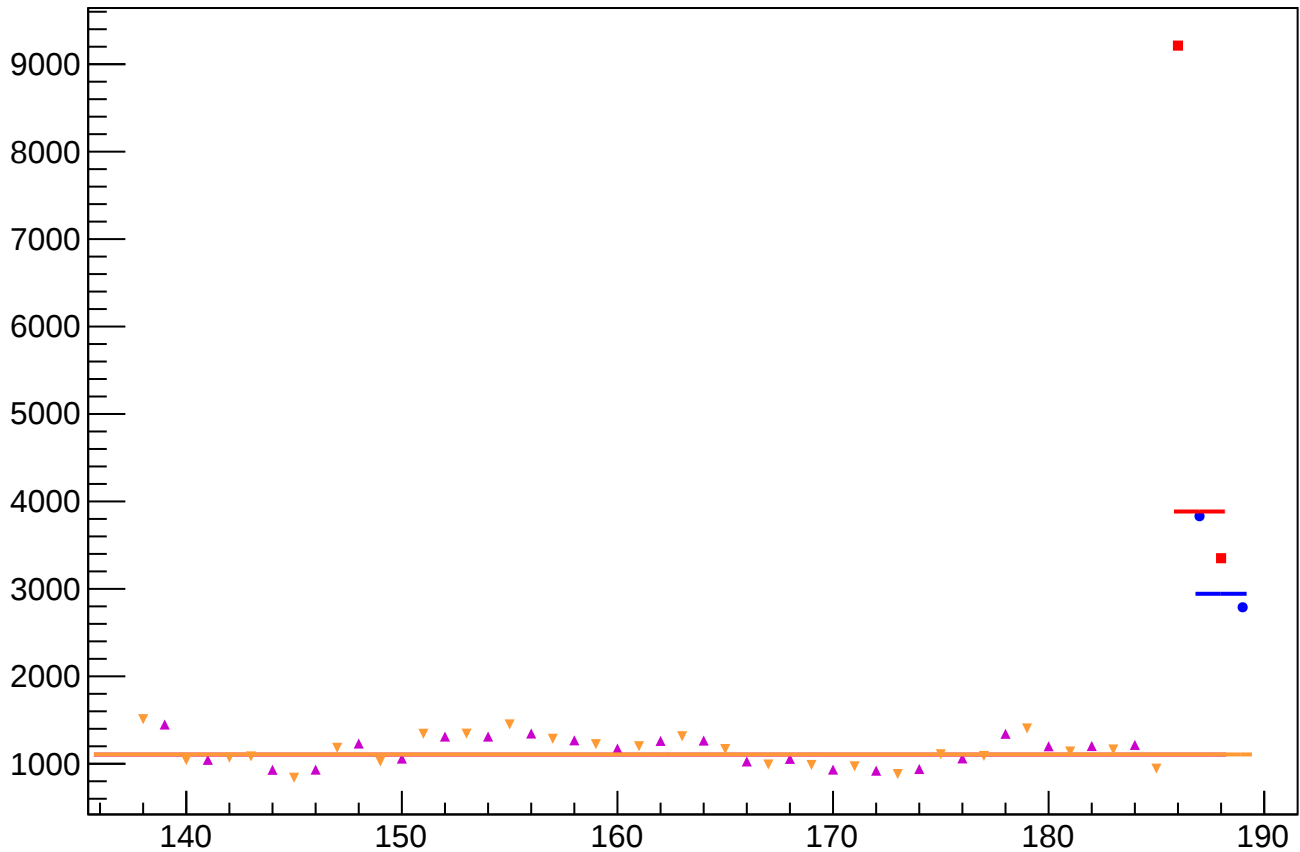
Left In: -264.475 ± 266.184 χ^2/NDF : 22.2/22

+ sign -1312.811 ± 261.052 χ^2/NDF : 52.9/26

All: -791.355 ± 186.225 χ^2/NDF : 85.3/51

- sign -251.026 ± 265.734 χ^2/NDF : 24.3/24

asym_sam_48_avg_correction_rms vs Slug



Right In: 2943.987+/-2.685 χ^2/NDF : 18969.7/1

Left Out: 1106.854+/-0.185 χ^2/NDF : 828472.5/24

Right Out: 3884.757+/-3.233 χ^2/NDF : 272159.6/1

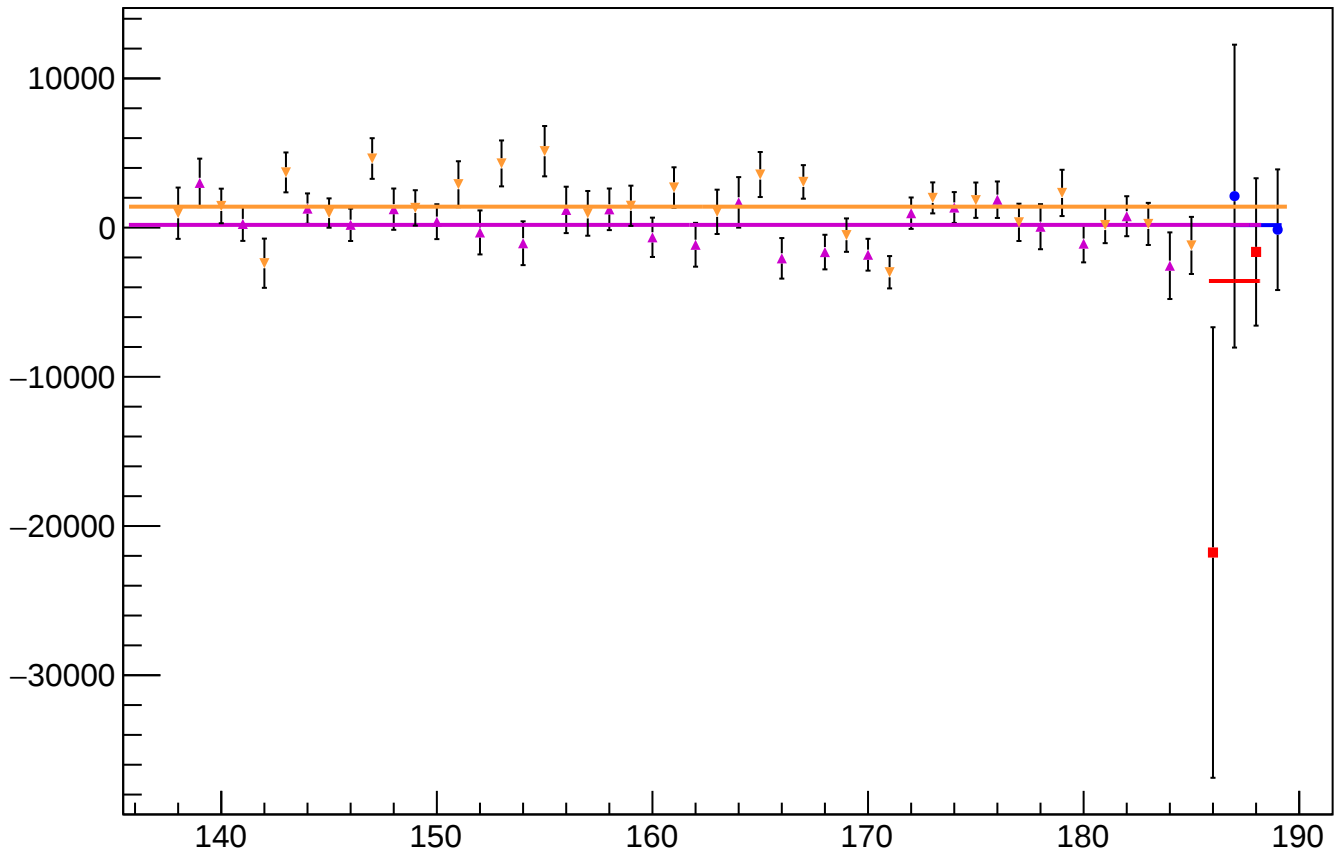
Left In: 1104.996+/-0.188 χ^2/NDF : 689175.9/22

+ sign 1115.535+/-0.185 χ^2/NDF : 1313271.6/26

All: 1114.971+/-0.132 χ^2/NDF : 3011379.1/53

- sign 1114.386+/-0.188 χ^2/NDF : 1698088.5/24

asym_sam_48_avg_mean vs Slug



Right In: 168.338 $\pm$ 3756.585 χ^2 /NDF: 0.0/1

Left Out: 1404.763 $\pm$ 262.517 χ^2 /NDF: 53.1/24

Right Out: -3577.168 $\pm$ 4694.452 χ^2 /NDF: 1.6/1

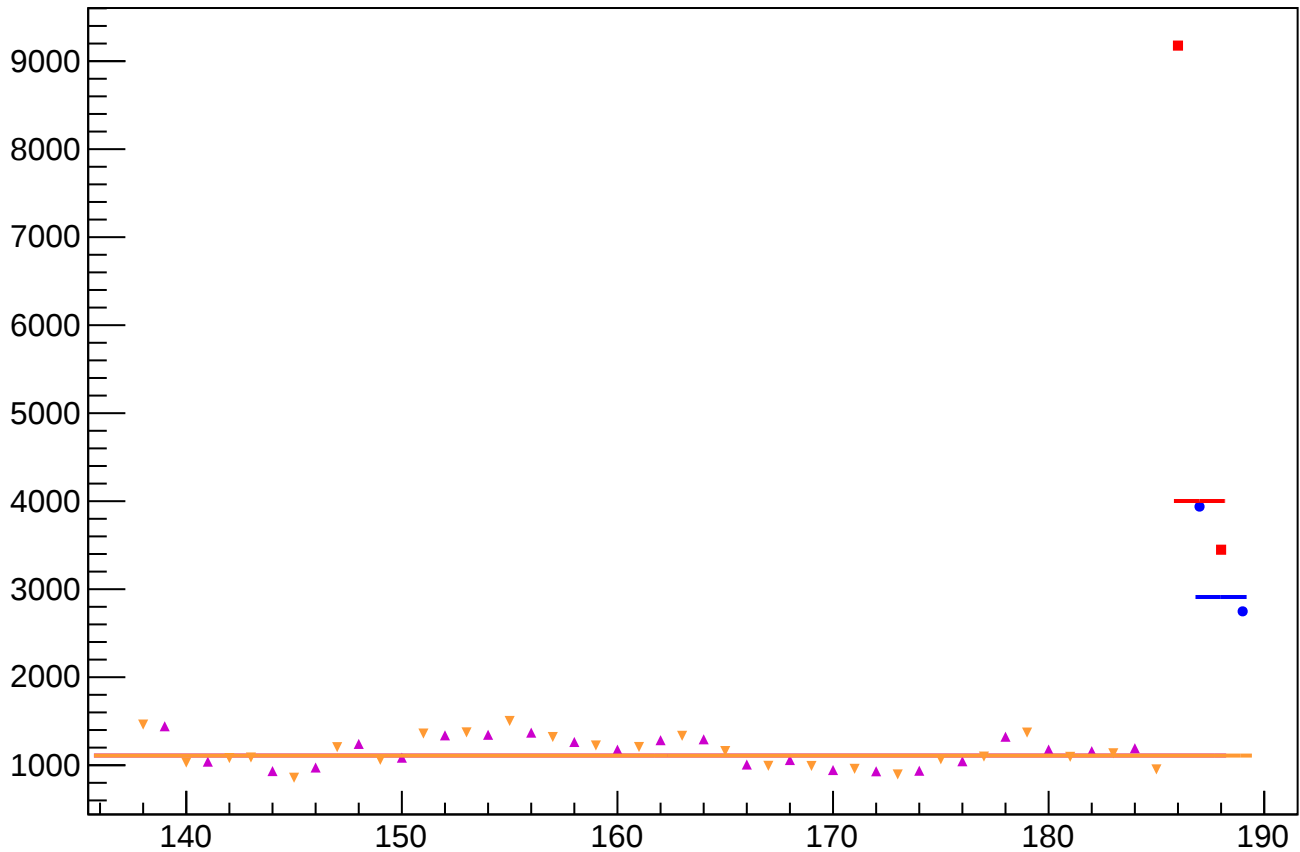
Left In: 183.249 $\pm$ 267.620 χ^2 /NDF: 23.7/22

+ sign 1398.754 $\pm$ 261.878 χ^2 /NDF: 53.3/26

All: 797.226 $\pm$ 187.024 χ^2 /NDF: 90.0/51

- sign 171.068 $\pm$ 267.186 χ^2 /NDF: 26.0/24

asym_sam_48_avg_rms vs Slug



Right In: 2911.294 $\pm$ 2.656 χ^2 /NDF: 23729.3/1

Left Out: 1109.574 $\pm$ 0.186 χ^2 /NDF: 812957.8/24

Right Out: 4002.265 $\pm$ 3.319 χ^2 /NDF: 259977.8/1

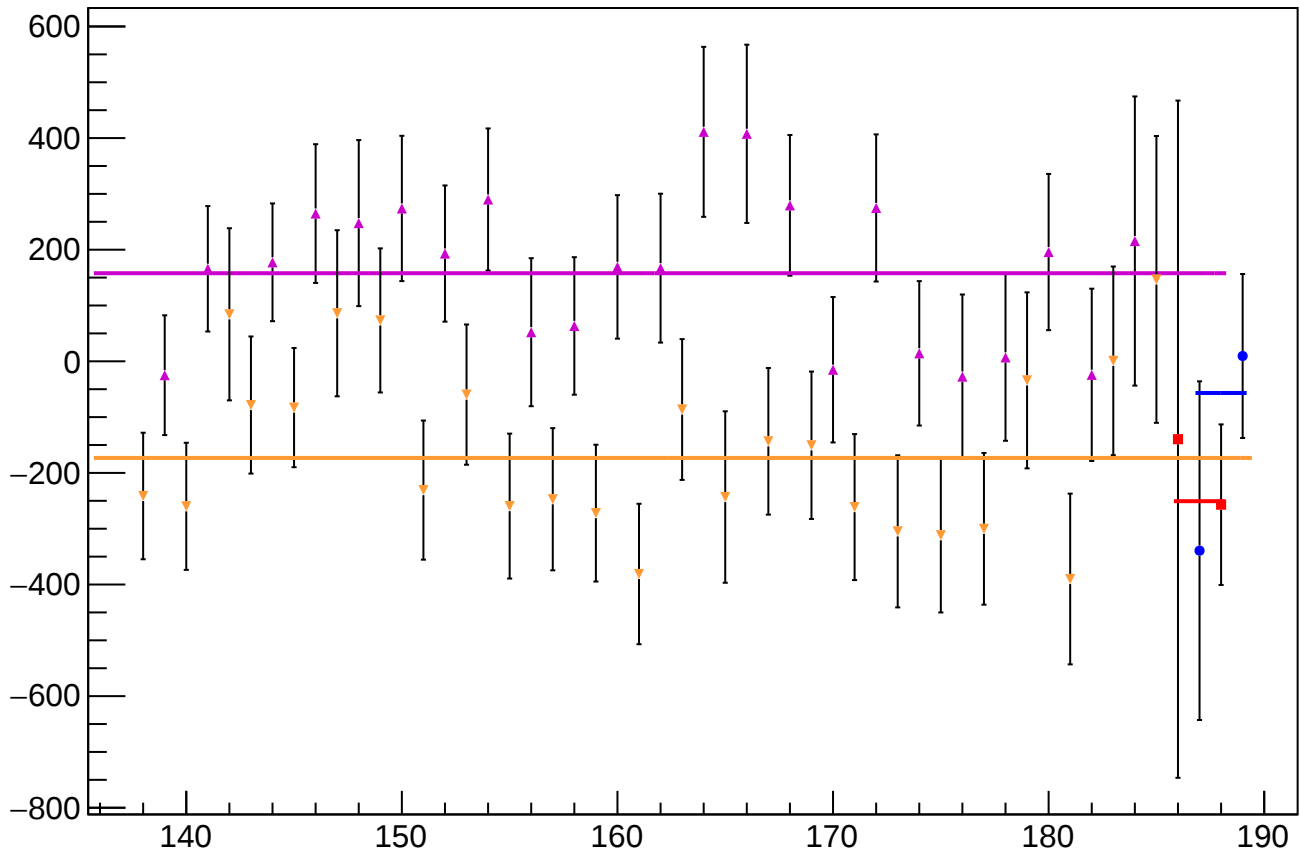
Left In: 1110.162 $\pm$ 0.189 χ^2 /NDF: 673229.2/22

+ sign 1118.330 $\pm$ 0.185 χ^2 /NDF: 1294514.9/26

All: 1118.918 $\pm$ 0.132 χ^2 /NDF: 2984363.9/51

- sign 1119.531 $\pm$ 0.189 χ^2 /NDF: 1689828.4/24

dit_asym_sam_15_dd_mean vs Slug



Right In: -56.777 ± 132.260 χ^2/NDF : 1.1/1

Left Out: -173.150 ± 26.664 χ^2/NDF : 26.3/24

Right Out: -250.674 ± 139.976 χ^2/NDF : 0.0/1

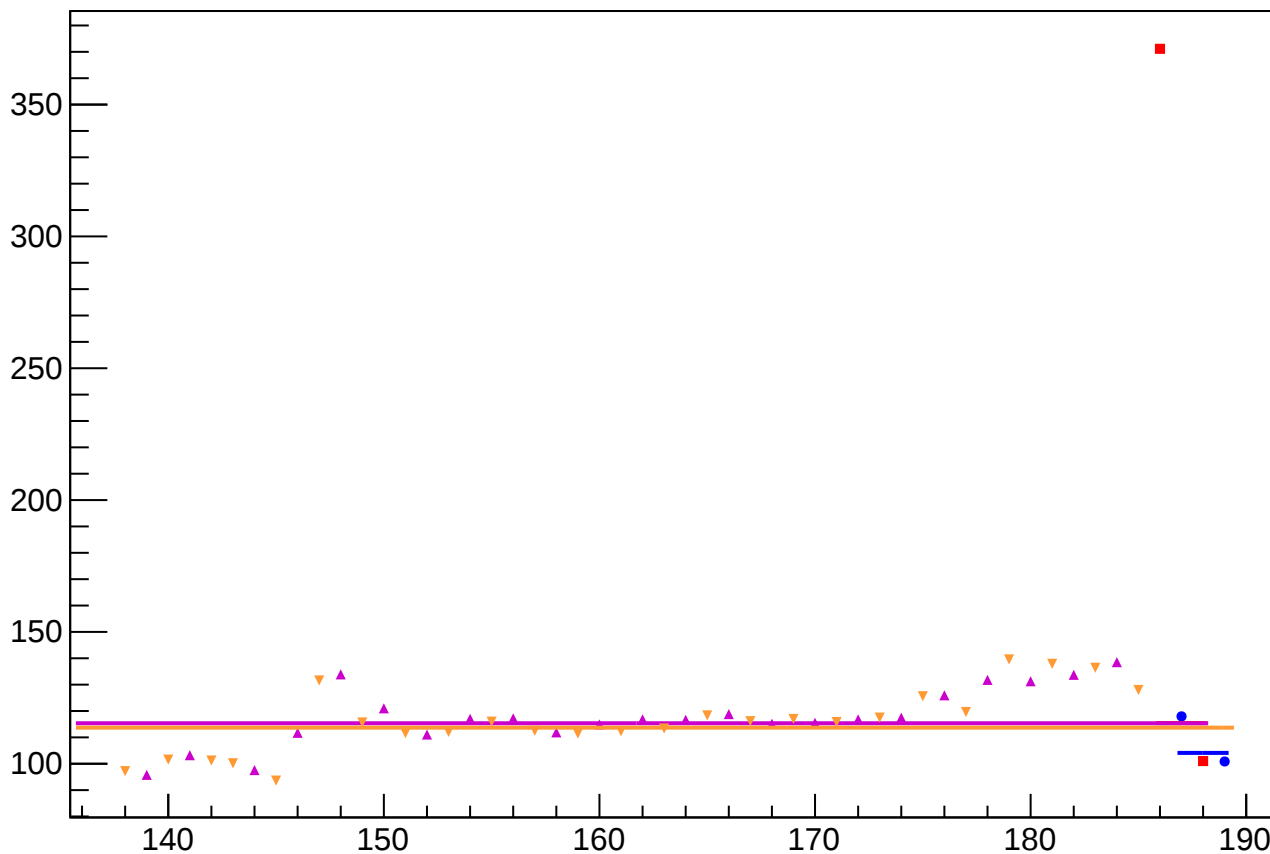
Left In: 157.835 ± 27.594 χ^2/NDF : 21.3/22

+ sign -168.605 ± 26.138 χ^2/NDF : 28.1/26

All: -18.492 ± 18.805 χ^2/NDF : 126.0/51

- sign 142.553 ± 27.073 χ^2/NDF : 29.5/24

dit_asym_sam_15_dd_rms vs Slug



Right In: 104.113 $\pm$ 0.094 χ^2 /NDF: 5151.3/1

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

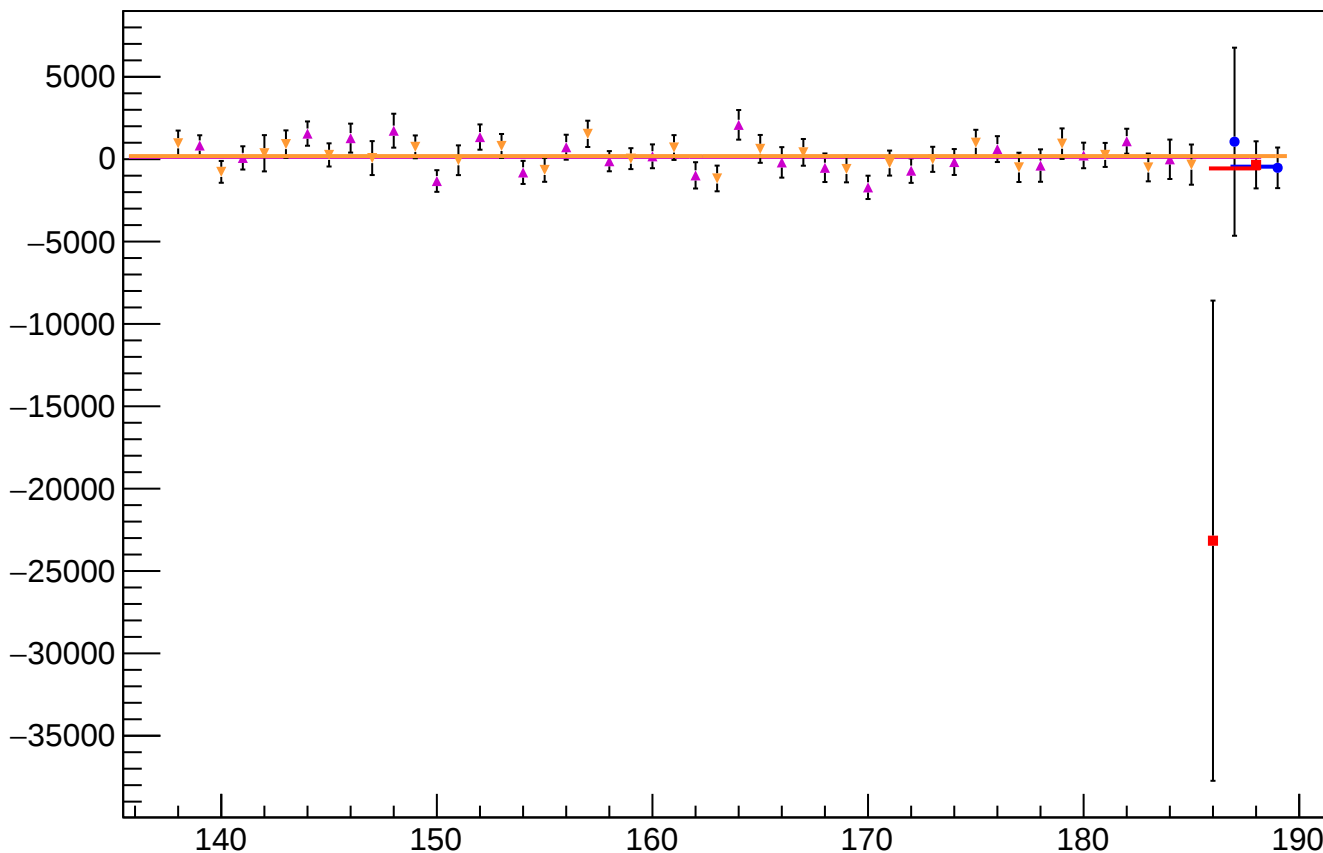
Left In: 115.353 $\pm$ 0.020 χ^2 /NDF: 294694.0/22

+ sign 113.308 $\pm$ 0.018 χ^2 /NDF: 390898.7/26

All: 114.295 $\pm$ 0.013 χ^2 /NDF: 1066820.4/51

- sign 115.354 $\pm$ 0.019 χ^2 /NDF: 670009.1/24

asym_sam_15_dd_correction_mean vs Slug



Right In: -452.828 ± 1204.973 χ^2/NDF : 0.1/1

Left Out: 188.393 ± 158.788 χ^2/NDF : 18.0/24

Right Out: -560.036 ± 1422.849 χ^2/NDF : 2.4/1

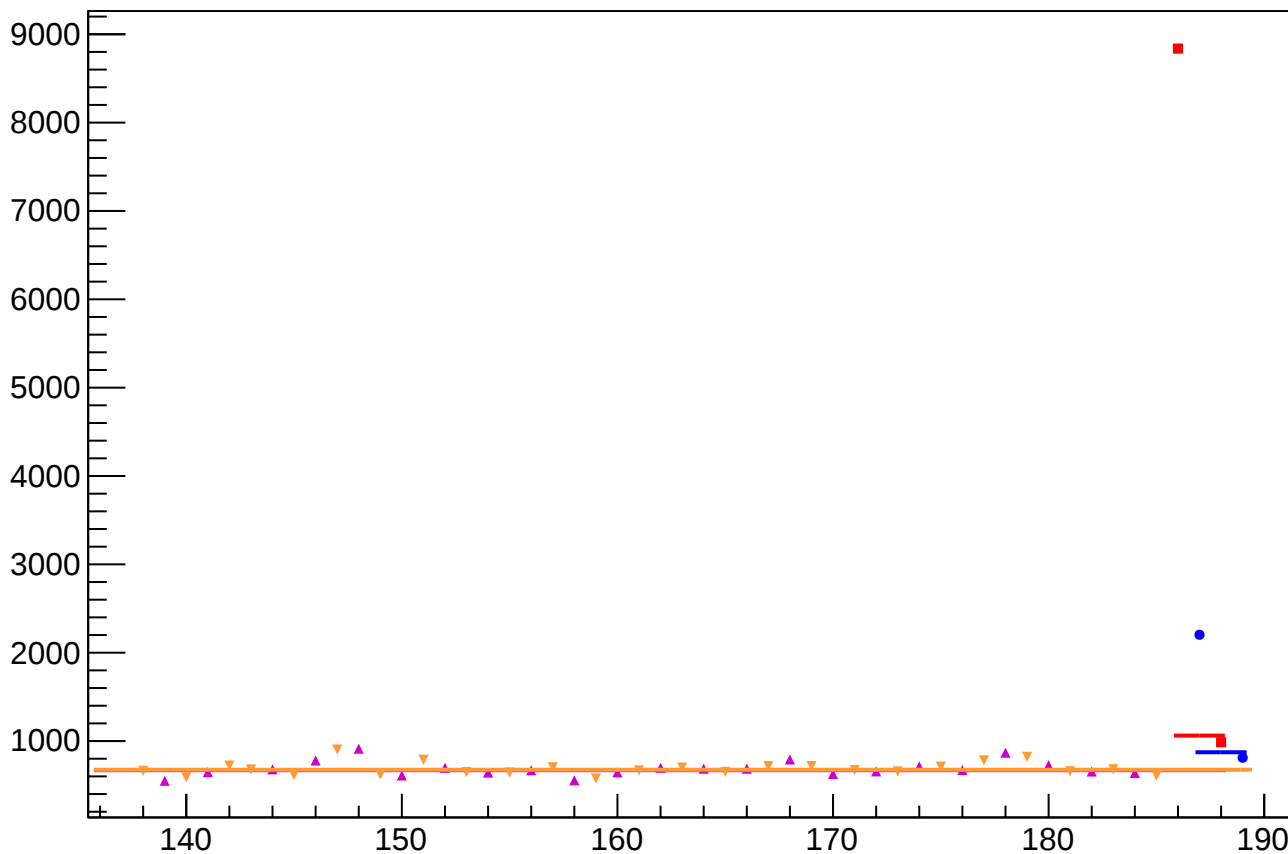
Left In: 139.664 ± 161.085 χ^2/NDF : 36.9/22

+ sign 177.448 ± 157.427 χ^2/NDF : 18.3/26

All: 154.516 ± 112.238 χ^2/NDF : 57.9/51

- sign 130.809 ± 160.063 χ^2/NDF : 39.6/24

asym_sam_15_dd_correction_rms vs Slug



Right In: 873.236 $\pm$ 0.852 χ^2 /NDF: 113586.4/1

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

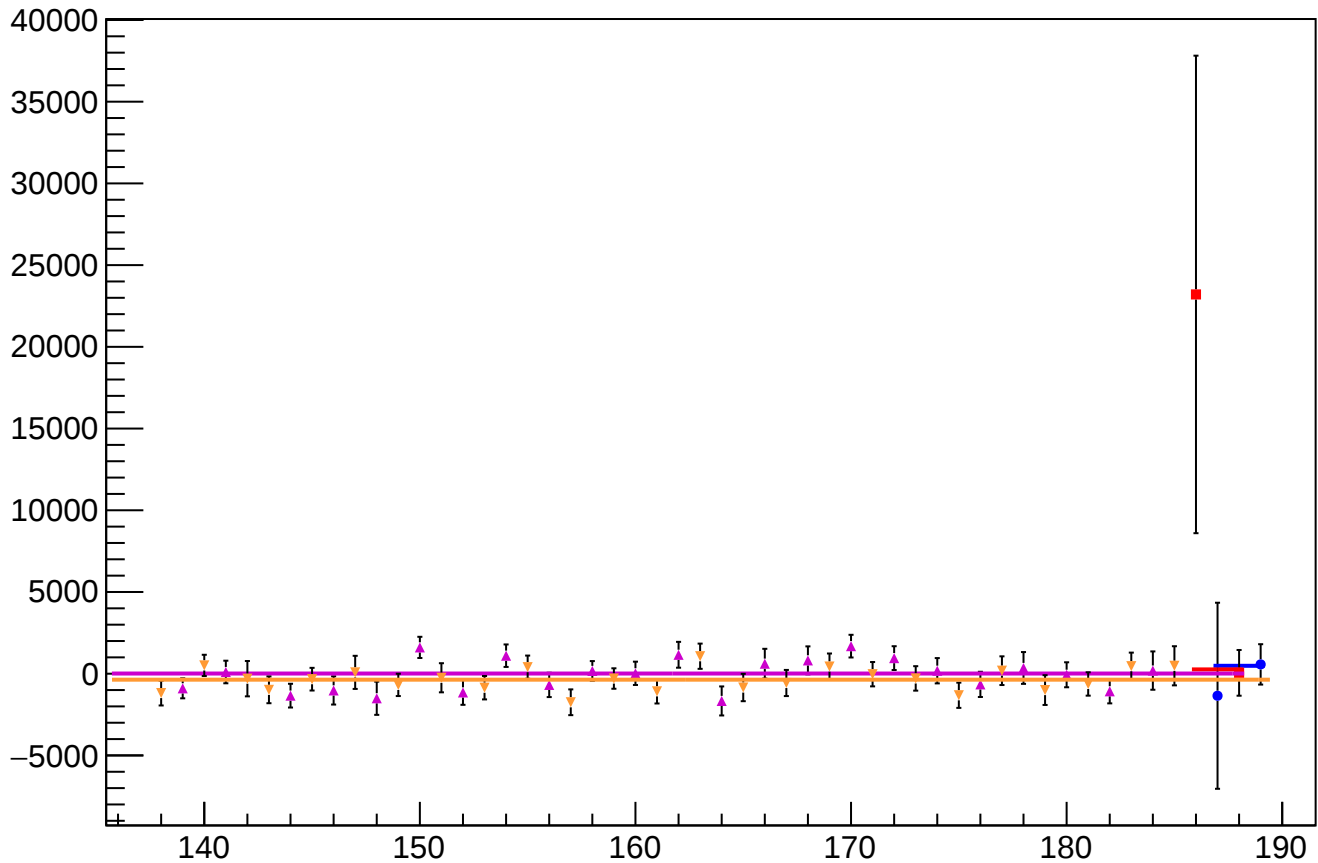
Left In: 670.186 $\pm$ 0.114 χ^2 /NDF: 465026.7/22

+ sign 678.688 $\pm$ 0.111 χ^2 /NDF: 523730.3/26

All: 676.945 $\pm$ 0.079 χ^2 /NDF: 1713540.0/51

- sign 675.142 $\pm$ 0.113 χ^2 /NDF: 1189310.7/24

asym_sam_15_dd_mean vs Slug



Right In: 483.710 ± 1207.161 $\chi^2/NDF: 0.1/1$

Left Out: -365.394 ± 156.301 $\chi^2/NDF: 18.7/24$

Right Out: 262.915 ± 1392.453 $\chi^2/NDF: 2.5/1$

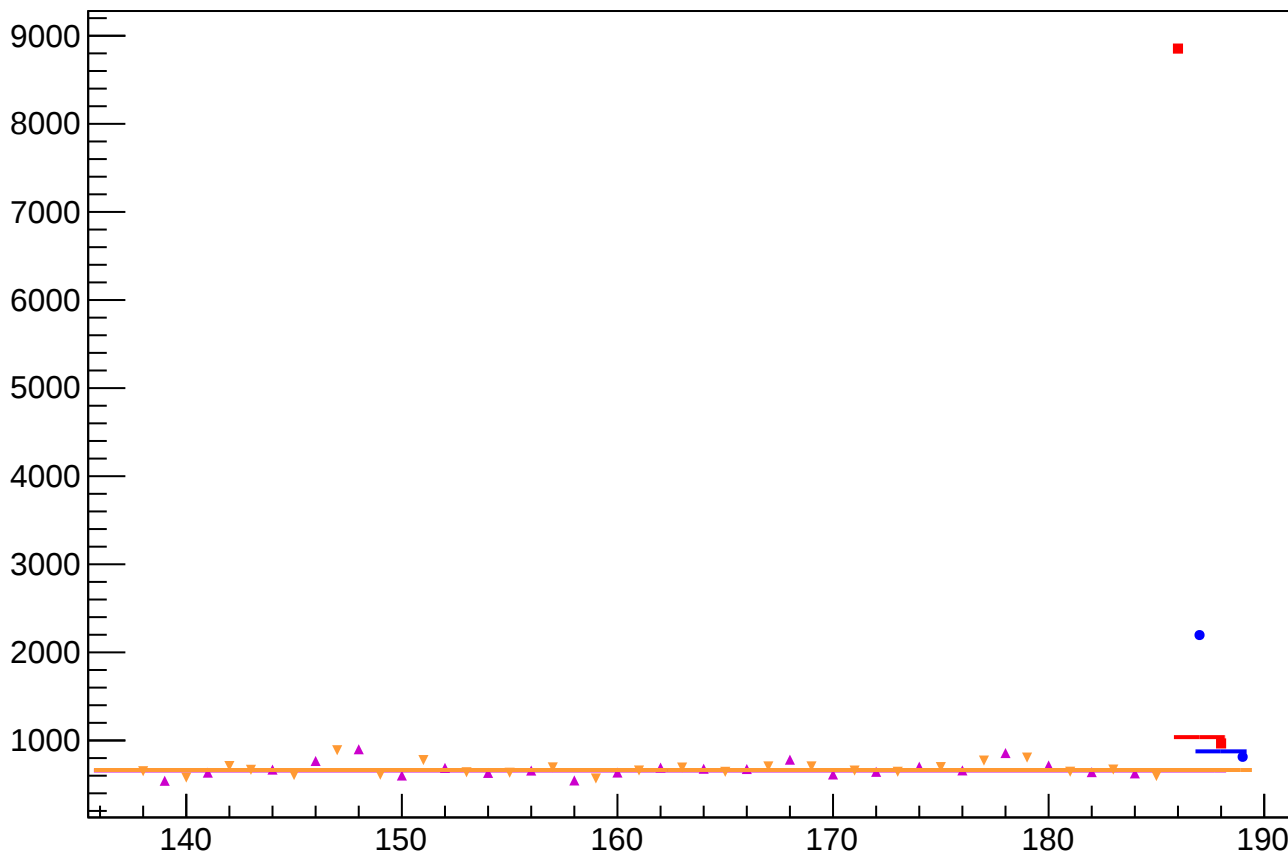
Left In: 11.243 ± 158.497 $\chi^2/NDF: 38.8/22$

+ sign -351.394 ± 155.007 $\chi^2/NDF: 19.3/26$

All: -171.361 ± 110.470 $\chi^2/NDF: 63.4/51$

- sign 14.462 ± 157.480 $\chi^2/NDF: 41.3/24$

asym_sam_15_dd_rms vs Slug



Right In: 876.288 ± 0.854 χ^2/NDF : 112659.5/1

Left Out: 664.618 ± 0.111 χ^2/NDF : 356964.3/24

Right Out: 1037.875 ± 0.985 χ^2/NDF : 577818.0/1

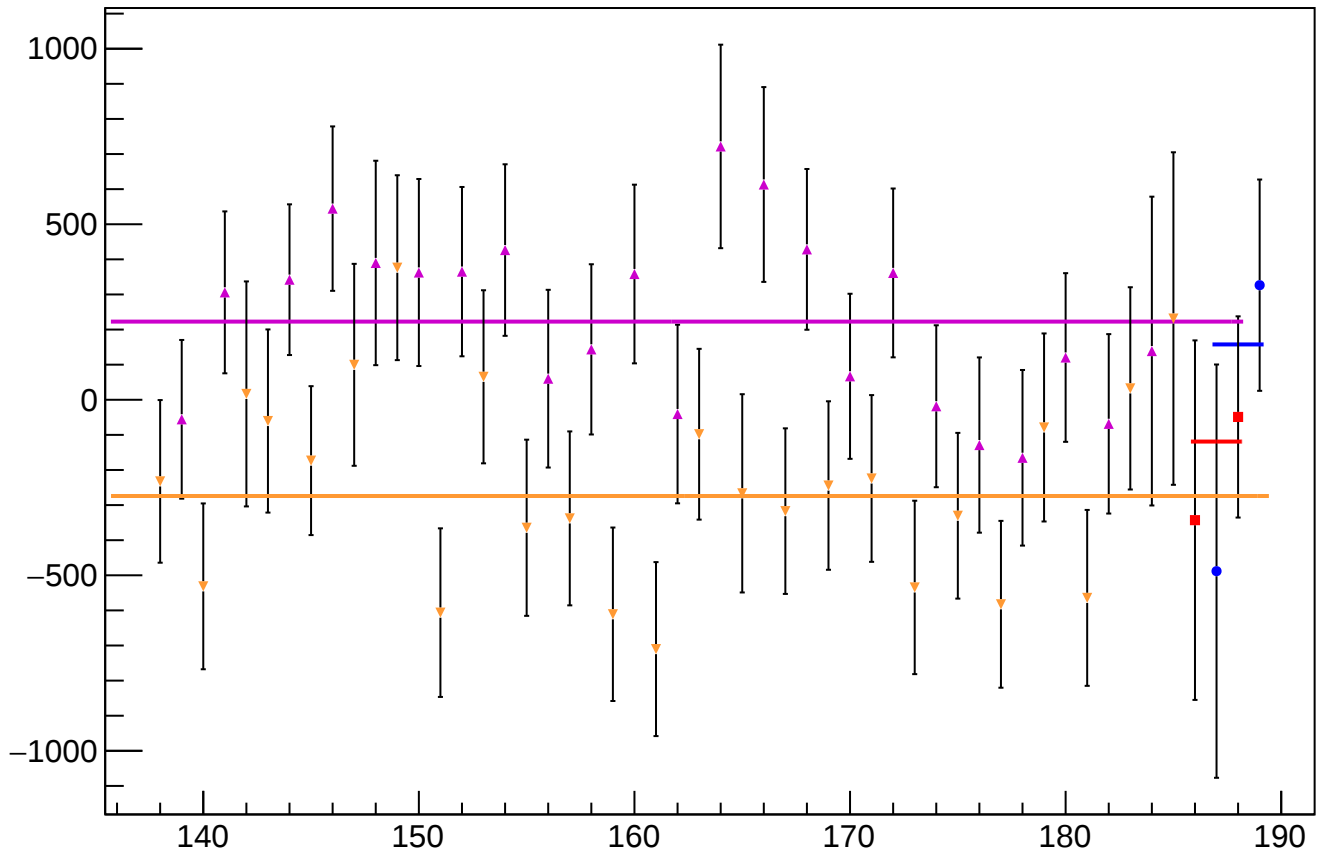
Left In: 659.230 ± 0.112 χ^2/NDF : 472744.9/22

+ sign 668.108 ± 0.110 χ^2/NDF : 530101.7/26

All: 666.123 ± 0.078 χ^2/NDF : 1727328.5/51

- sign 664.073 ± 0.111 χ^2/NDF : 1196559.9/24

dit_asym_sam_26_dd_mean vs Slug



Right In: 157.659 $\pm$ 267.960 χ^2 /NDF: 1.5/1

Left Out: -274.118 $\pm$ 50.683 χ^2 /NDF:27.3/24

Right Out: -119.048 $\pm$ 250.099 χ^2 /NDF: 0.3/1

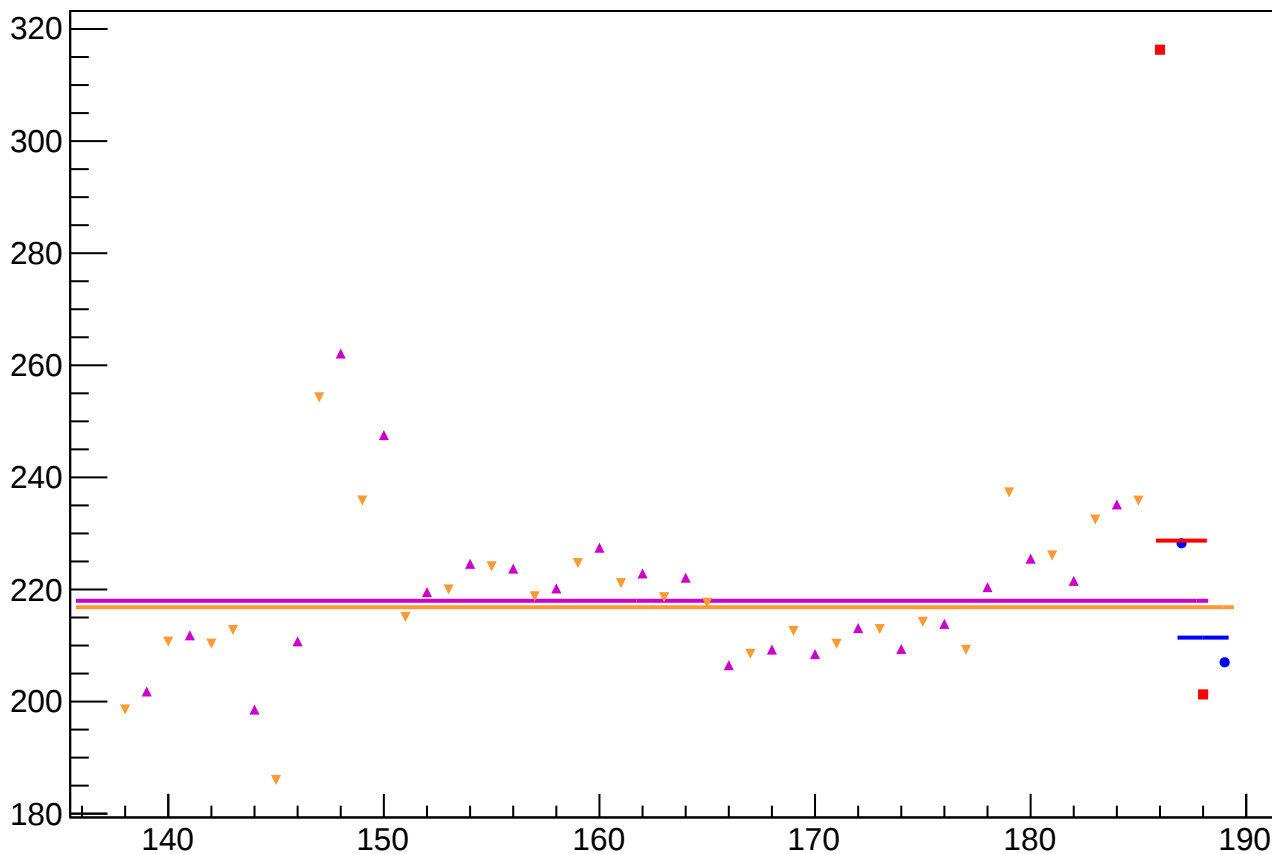
Left In: 222.676 $\pm$ 52.013 χ^2 /NDF:20.9/22

+ sign -259.205 $\pm$ 49.800 χ^2 /NDF: 31.3/26

All: -30.567 $\pm$ 35.605 χ^2 /NDF: 97.4/51

- sign 208.509 $\pm$ 50.924 χ^2 /NDF: 22.9/24

dit_asym_sam_26_dd_rms vs Slug



Right In: 211.413 $\pm$ 0.189 χ^2 /NDF: 2064.0/1

Left Out: 216.832 $\pm$ 0.036 χ^2 /NDF:137568.7/24

Right Out: 228.718 $\pm$ 0.177 χ^2 /NDF: 76850.4/1

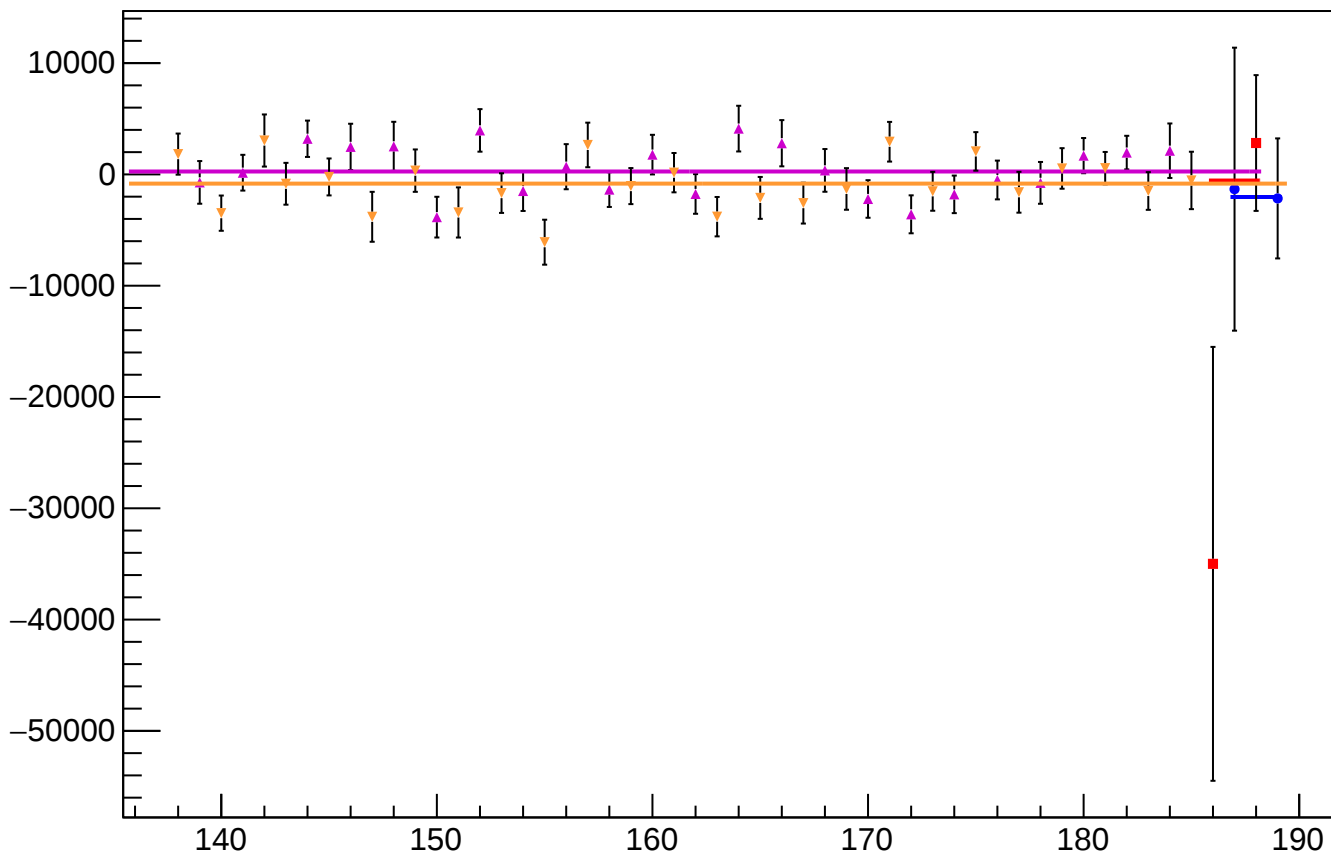
Left In: 217.985 $\pm$ 0.037 χ^2 /NDF:126459.7/22

+ sign 216.645 $\pm$ 0.035 χ^2 /NDF: 140422.4/26

All: 217.517 $\pm$ 0.025 χ^2 /NDF: 348519.0/51

- sign 218.430 $\pm$ 0.036 χ^2 /NDF: 206840.7/24

asym_sam_26_dd_correction_mean vs Slug



Right In: -2030.479 ± 4964.735 χ^2/NDF : 0.0/1

Left Out: -827.624 ± 366.769 χ^2/NDF : 35.0/24

Right Out: -551.275 ± 5821.345 χ^2/NDF : 3.4/1

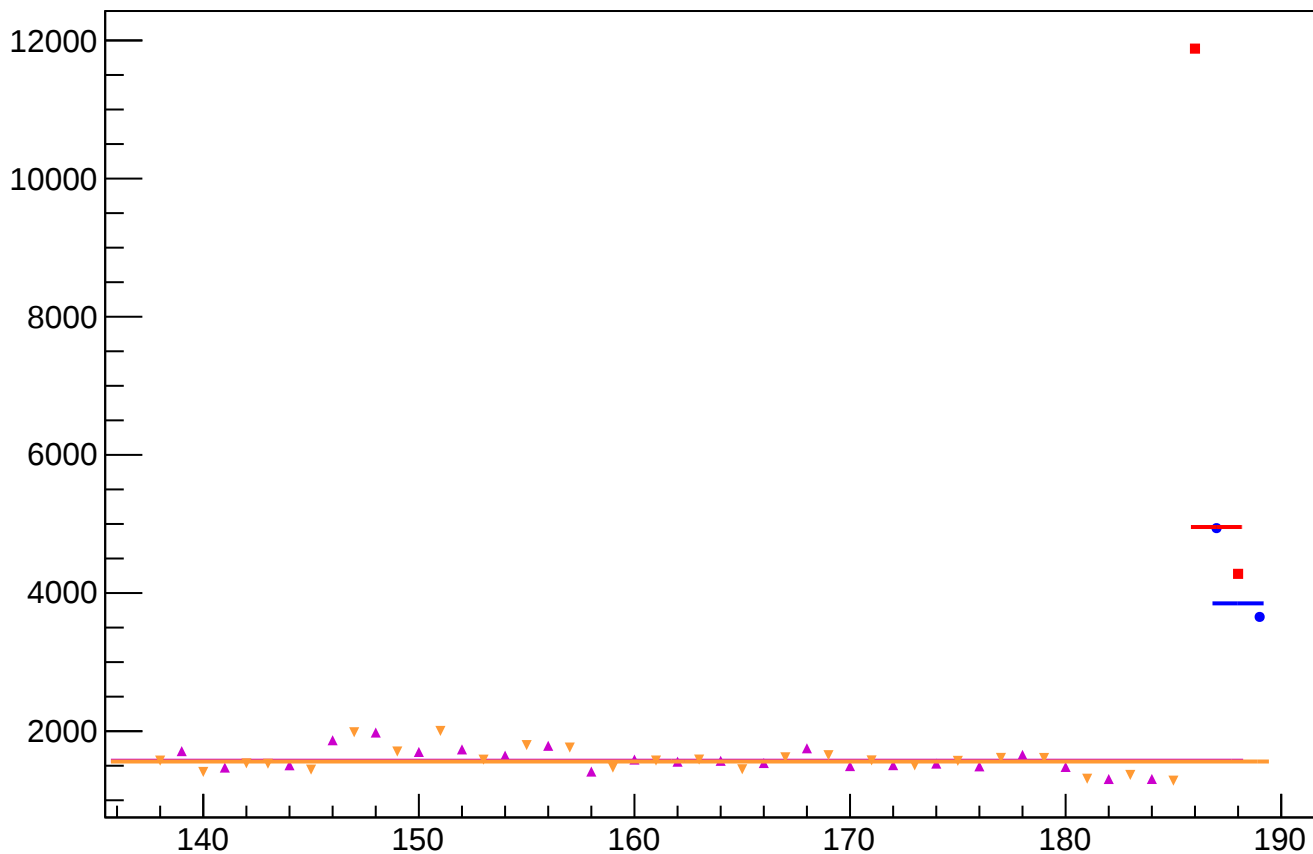
Left In: 261.143 ± 376.738 χ^2/NDF : 35.4/22

+ sign -834.153 ± 365.772 χ^2/NDF : 35.1/26

All: -303.181 ± 262.165 χ^2/NDF : 78.3/51

- sign 257.754 ± 375.951 χ^2/NDF : 38.9/24

asym_sam_26_dd_correction_rms vs Slug



Right In: 3850.501 $\pm$ 3.511 χ^2/NDF : 17315.2/1

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

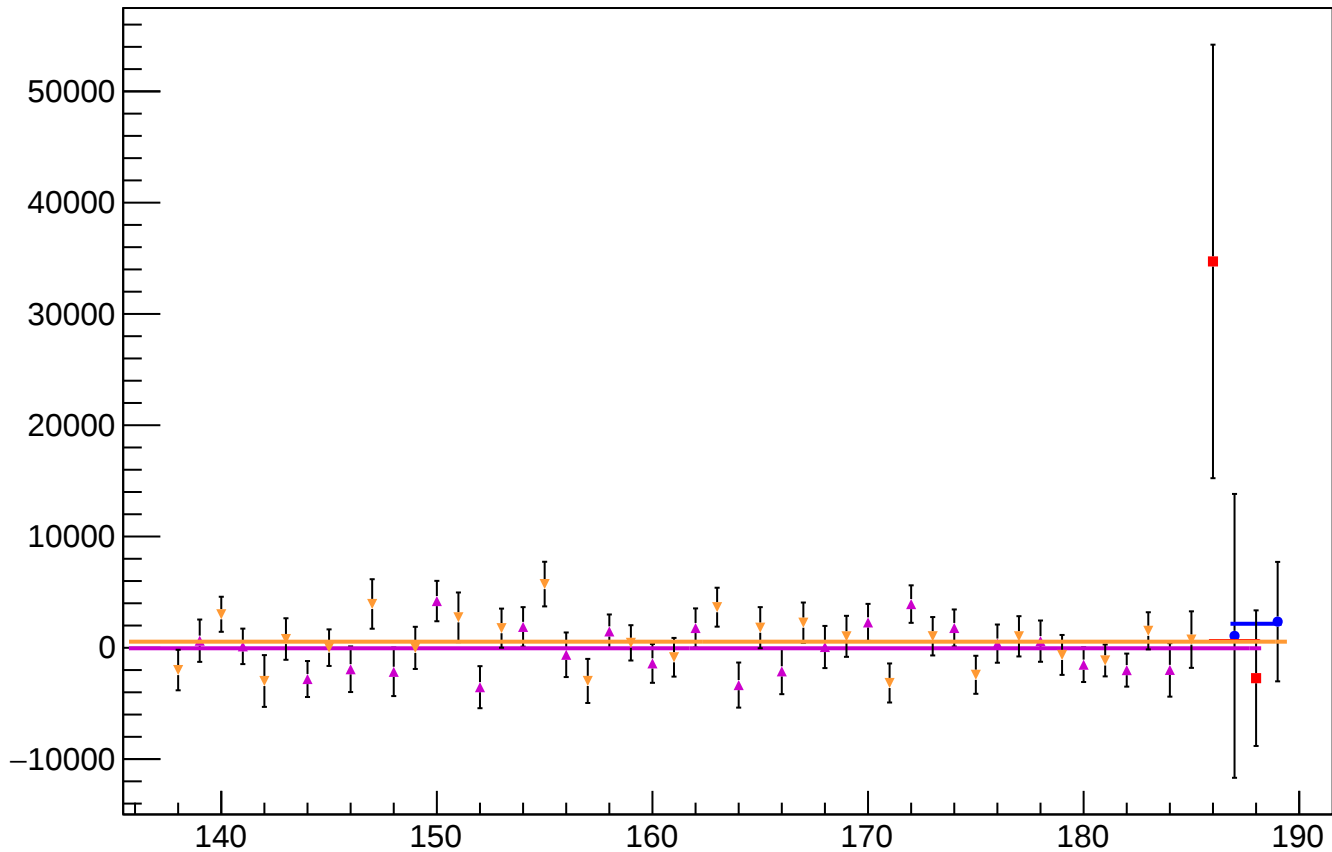
Left In: 1572.605 $\pm$ 0.266 χ^2/NDF : 327717.1/22

+ sign 1573.518 $\pm$ 0.259 χ^2/NDF : 812094.5/26

All: 1579.936 $\pm$ 0.185 χ^2/NDF : 2090983.4/51

- sign 1586.716 $\pm$ 0.266 χ^2/NDF : 1277622.8/24

asym_sam_26_dd_mean vs Slug



Right In: 2159.443+/-4946.996 χ^2/NDF : 0.0/1

Left Out: 550.093+/-362.172 χ^2/NDF : 35.6/24

Right Out: 608.915+/-5815.206 χ^2/NDF : 3.4/1

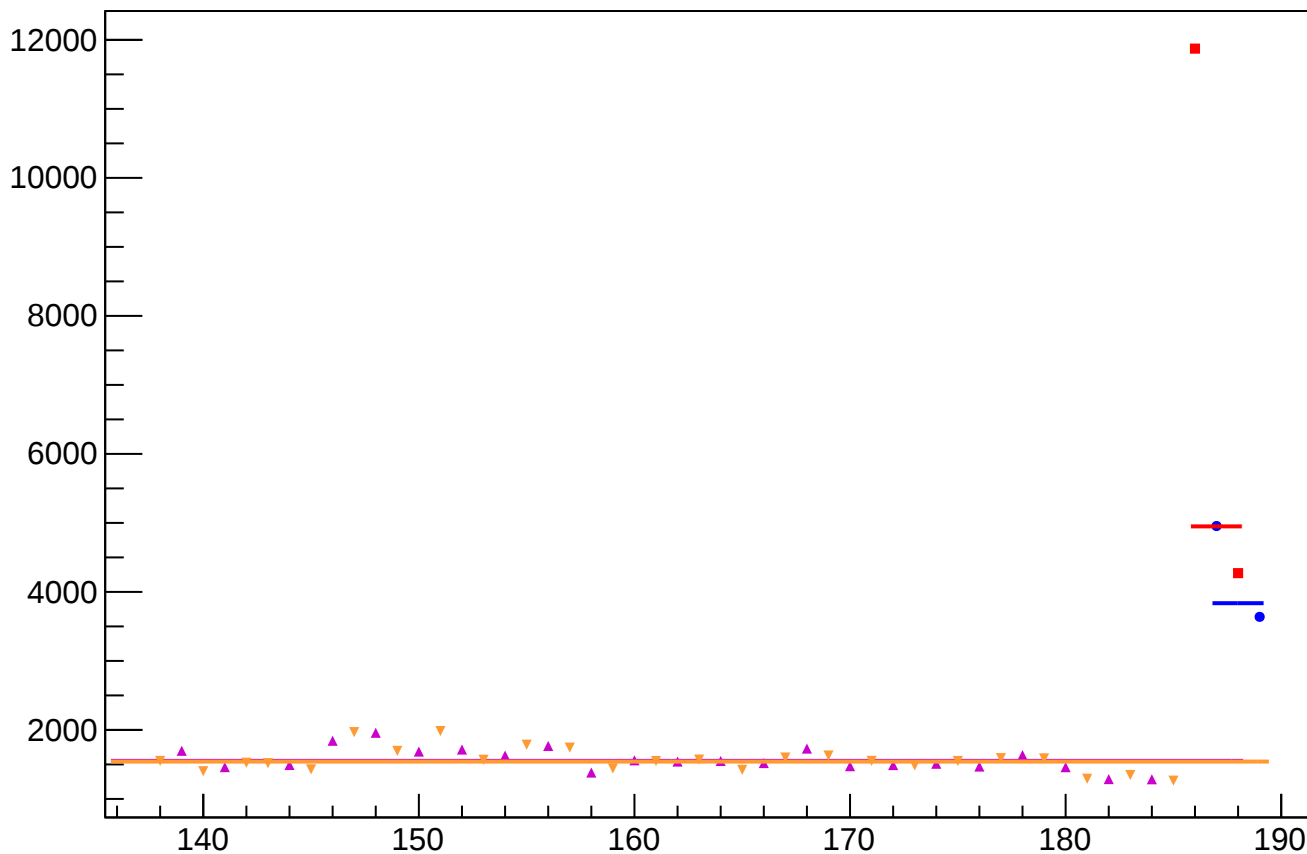
Left In: -43.949+/-371.765 χ^2/NDF : 33.5/22

+ sign 558.673+/-361.205 χ^2/NDF : 35.7/26

All: 266.721+/-258.807 χ^2/NDF : 73.9/51

- sign -41.291+/-371.008 χ^2/NDF : 36.9/24

asym_sam_26_dd_rms vs Slug



Right In: 3836.628+/-3.498 χ^2/NDF : 18089.9/1

Left Out: 1541.149+/-0.256 χ^2/NDF : 382077.8/24

Right Out: 4949.603+/-4.112 χ^2/NDF : 277431.5/1

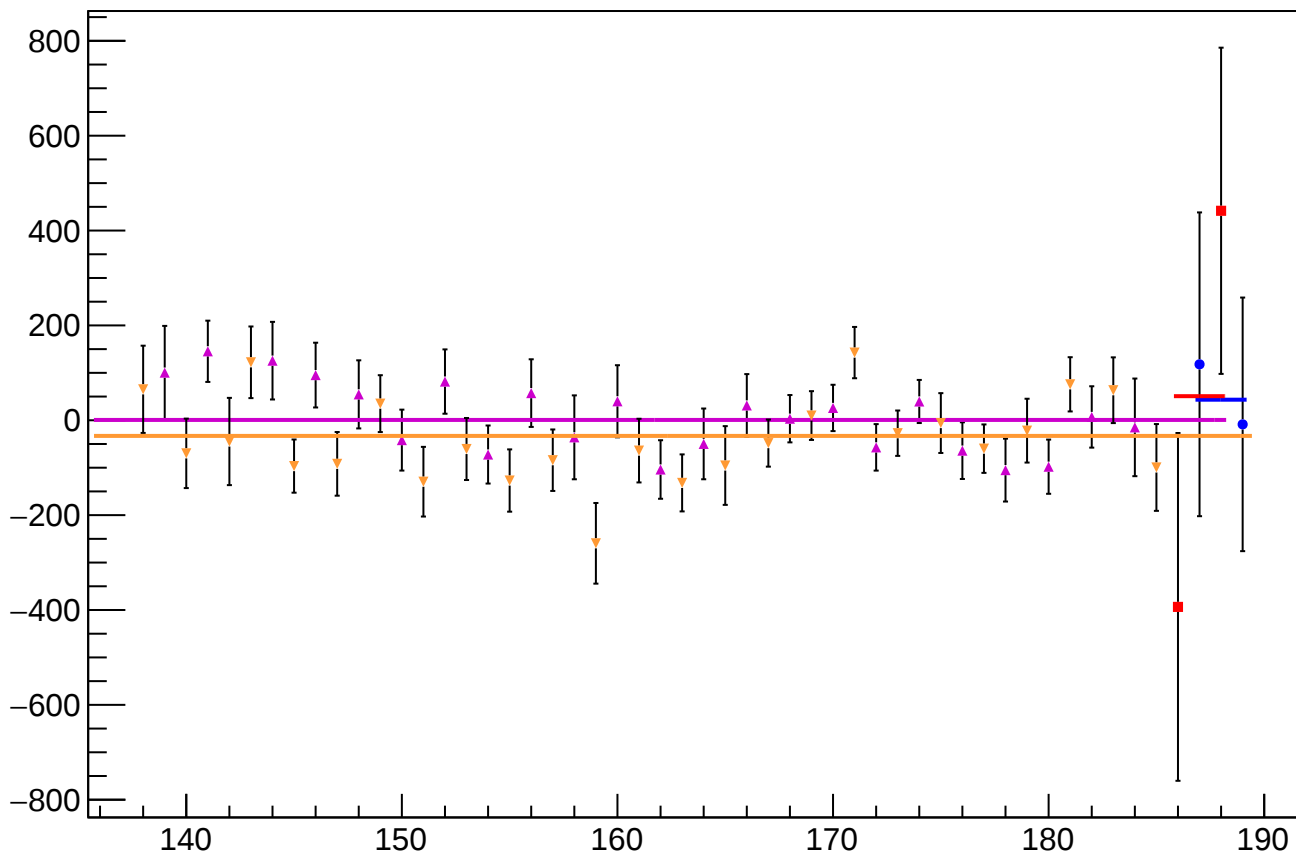
Left In: 1551.481+/-0.263 χ^2/NDF : 339002.9/22

+ sign 1553.386+/-0.255 χ^2/NDF : 828491.4/26

All: 1559.190+/-0.183 χ^2/NDF : 2126139.3/51

- sign 1565.312+/-0.262 χ^2/NDF : 1296586.9/24

dit_asym_sam_37_dd_mean vs Slug



Right In: 43.391 $\pm$ 205.227 χ^2 /NDF: 0.1/1

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

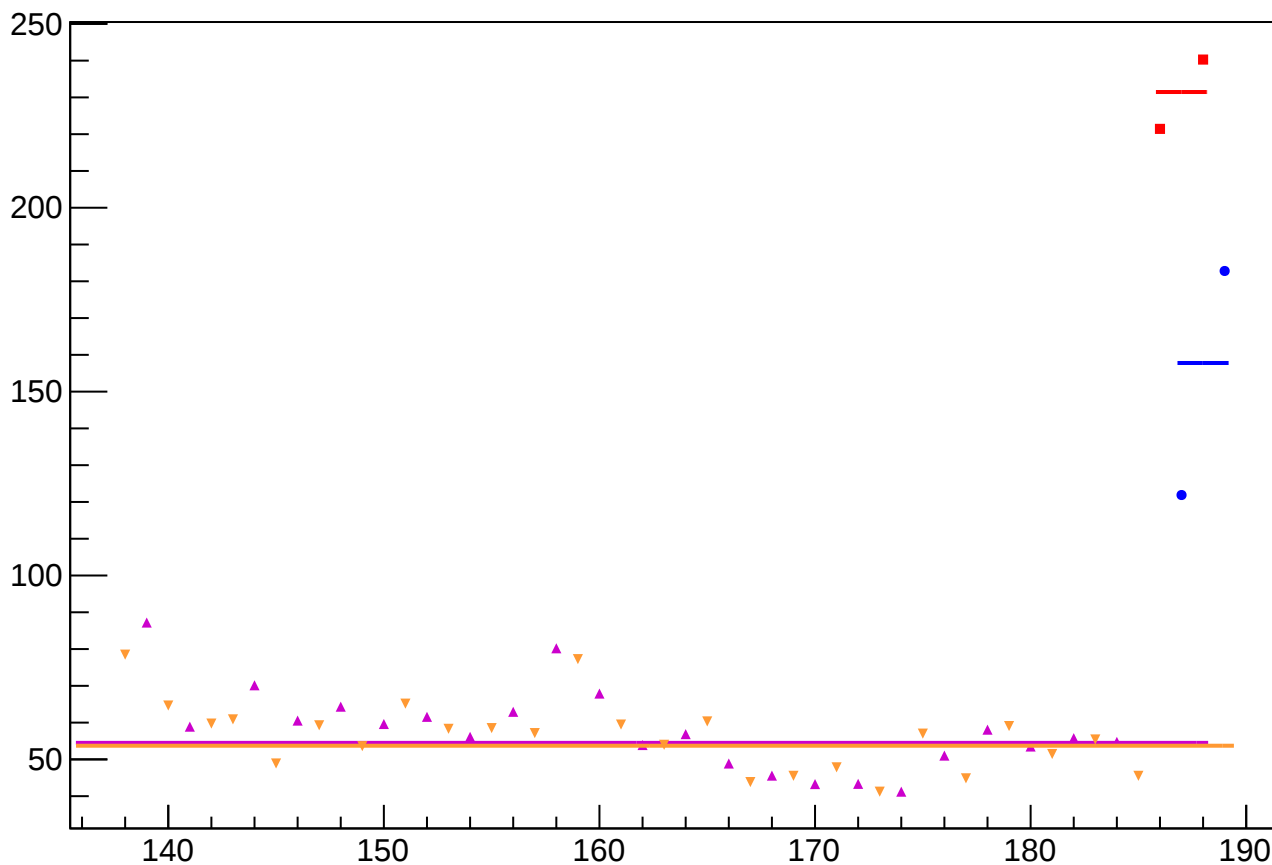
Left In: 0.712 $\pm$ 13.285 χ^2 /NDF:27.9/22

+ sign -32.658 $\pm$ 12.736 χ^2 /NDF: 42.3/26

All: -16.587 $\pm$ 9.188 χ^2 /NDF: 76.3/51

- sign 0.852 $\pm$ 13.267 χ^2 /NDF: 30.7/24

dit_asym_sam_37_dd_rms vs Slug



Right In: 157.785 $\pm$ 0.145 χ^2 /NDF: 42651.0/1

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

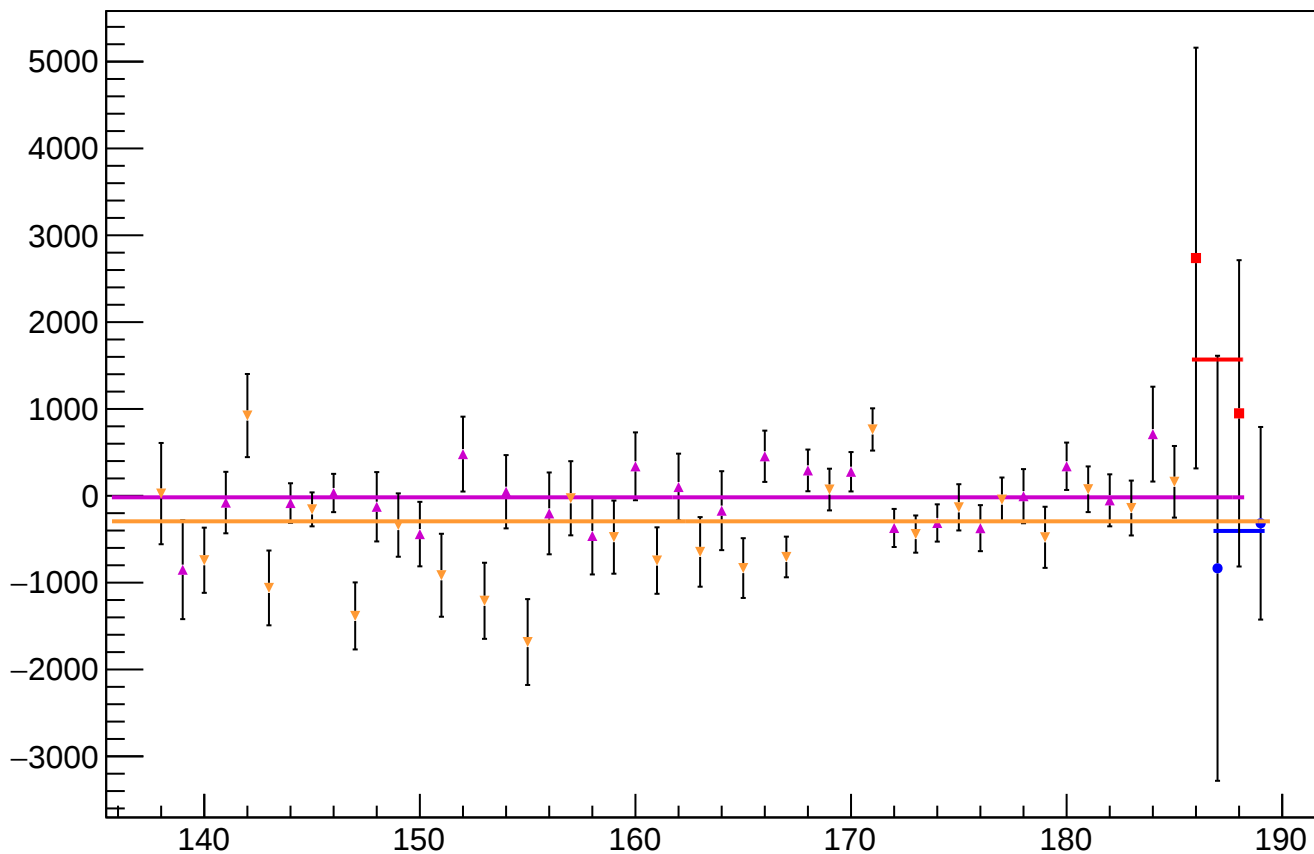
Left In: 54.493 $\pm$ 0.009 χ^2 /NDF: 1125242.8/22

+ sign 54.118 $\pm$ 0.009 χ^2 /NDF: 1443910.5/26

All: 54.535 $\pm$ 0.006 χ^2 /NDF: 3569300.5/51

- sign 54.988 $\pm$ 0.009 χ^2 /NDF: 2120921.1/24

asym_sam_37_dd_correction_mean vs Slug



Right In: -404.633+/-1010.138 χ^2/NDF : 0.0/1

Left Out: -293.763+/-63.413 χ^2/NDF : 68.8/24

Right Out: 1569.191+/-1425.889 χ^2/NDF : 0.4/1

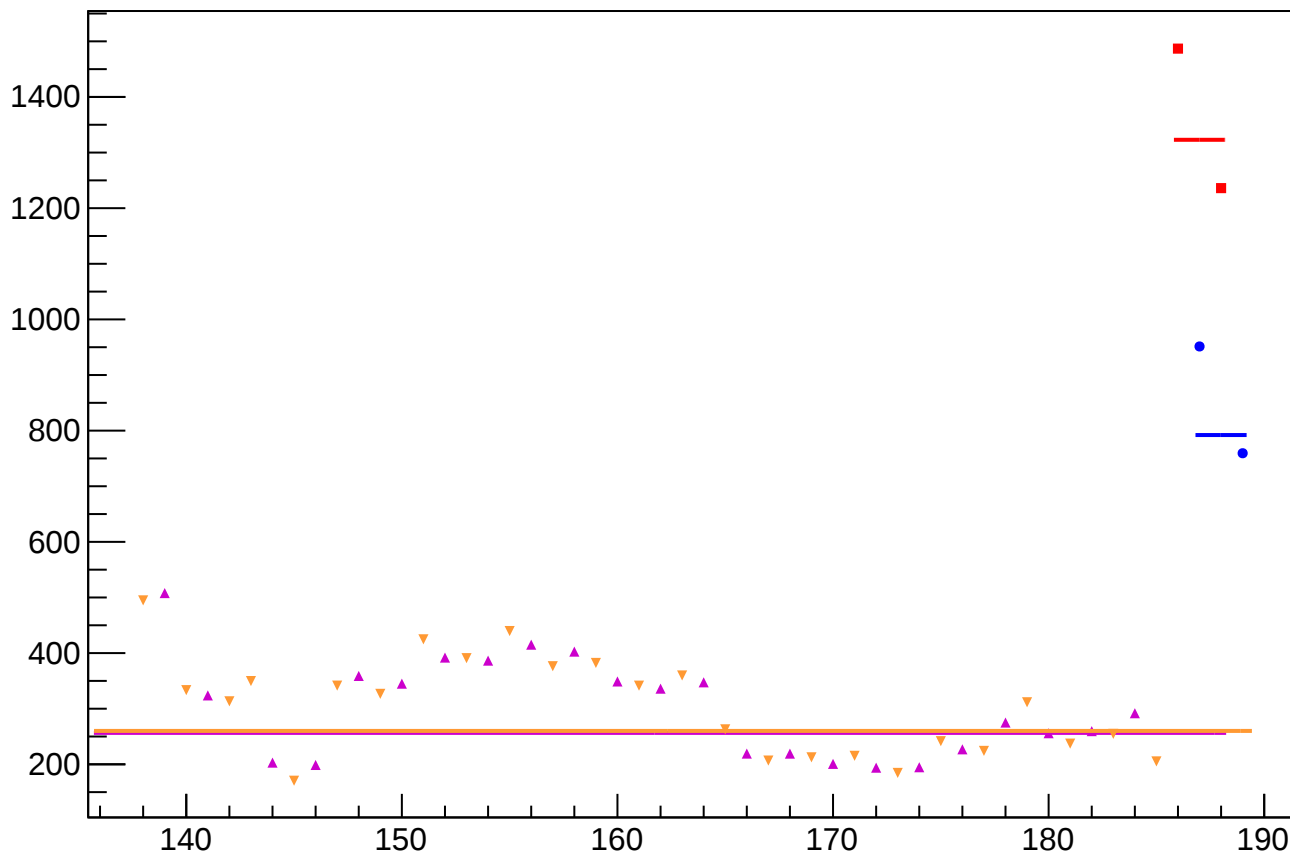
Left In: -17.348+/-63.696 χ^2/NDF : 22.9/22

+ sign -294.198+/-63.289 χ^2/NDF : 68.8/26

All: -154.952+/-44.873 χ^2/NDF : 103.1/51

- sign -14.189+/-63.633 χ^2/NDF : 24.5/24

asym_sam_37_dd_correction_rms vs Slug



Right In: 792.081 $\pm$ 0.714 χ^2 /NDF: 10213.1/1

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

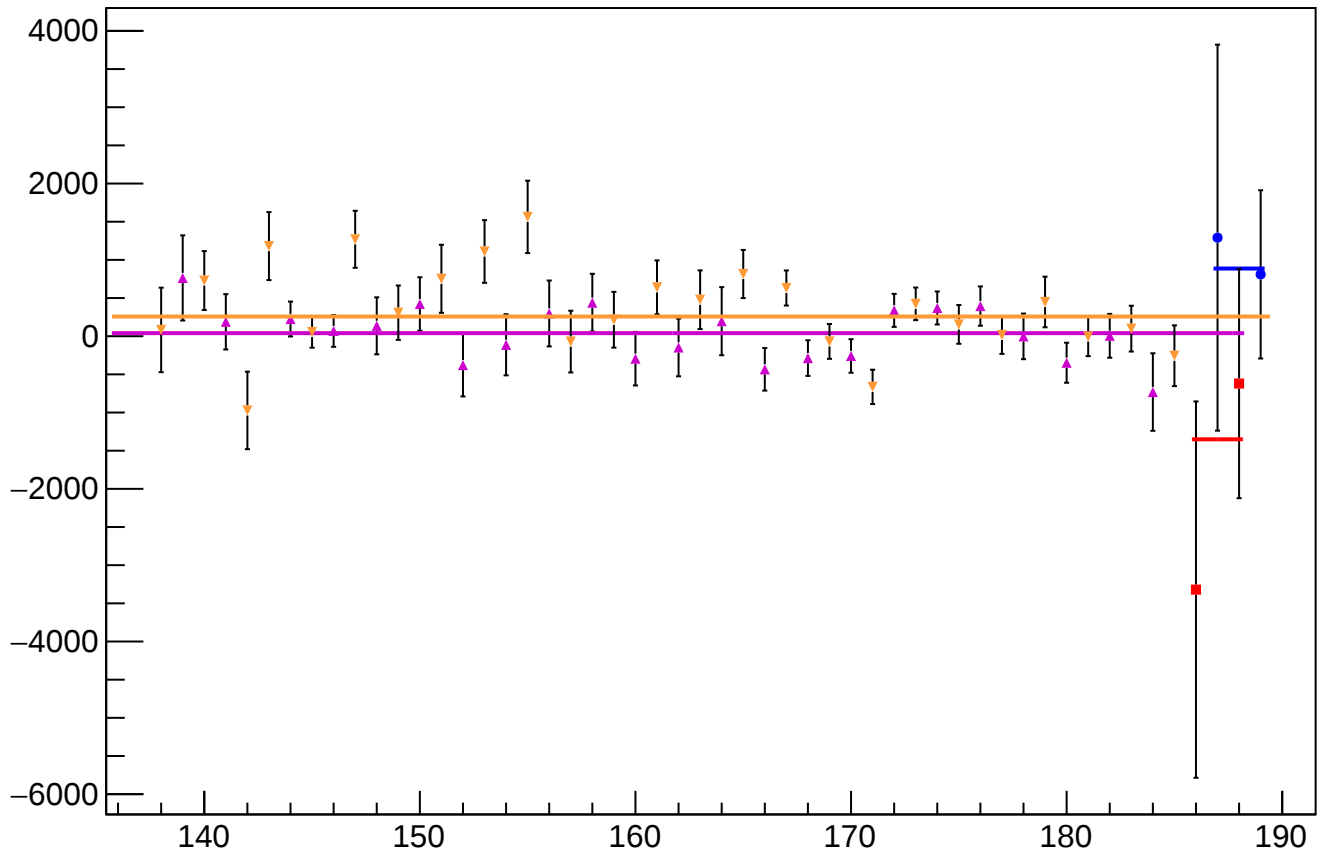
Left In: 256.513 $\pm$ 0.045 χ^2 /NDF:2632966.2/22

+ sign 262.148 $\pm$ 0.045 χ^2 /NDF: 3502824.9/26

All: 260.402 $\pm$ 0.032 χ^2 /NDF: 7269402.7/51

- sign 258.637 $\pm$ 0.045 χ^2 /NDF: 3763516.5/24

asym_sam_37_dd_mean vs Slug



Right In: 886.689 ± 1010.251 χ^2/NDF : 0.0/1

Left Out: 258.044 ± 61.488 χ^2/NDF : 65.0/24

Right Out: -1350.848 ± 1282.570 χ^2/NDF : 0.9/1

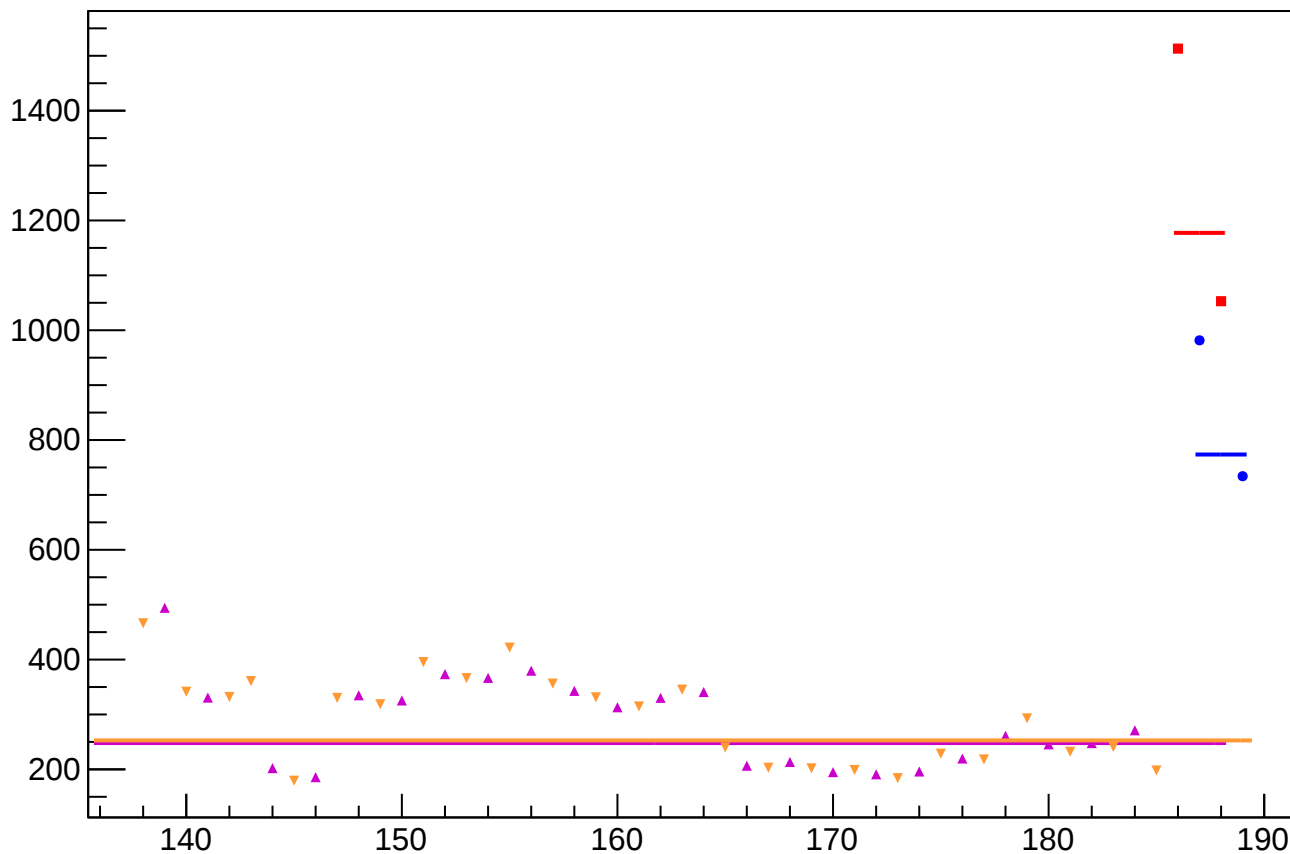
Left In: 40.015 ± 61.495 χ^2/NDF : 25.0/22

+ sign 260.364 ± 61.374 χ^2/NDF : 65.4/26

All: 148.687 ± 43.416 χ^2/NDF : 99.1/51

- sign 36.825 ± 61.425 χ^2/NDF : 27.1/24

asym_sam_37_dd_rms vs Slug



Right In: 773.595 $\pm$ 0.714 χ^2 /NDF: 16103.5/1

Left Out: 252.721 $\pm$ 0.043 χ^2 /NDF: 2648800.3/24

Right Out: 1177.388 $\pm$ 0.907 χ^2 /NDF: 50819.4/1

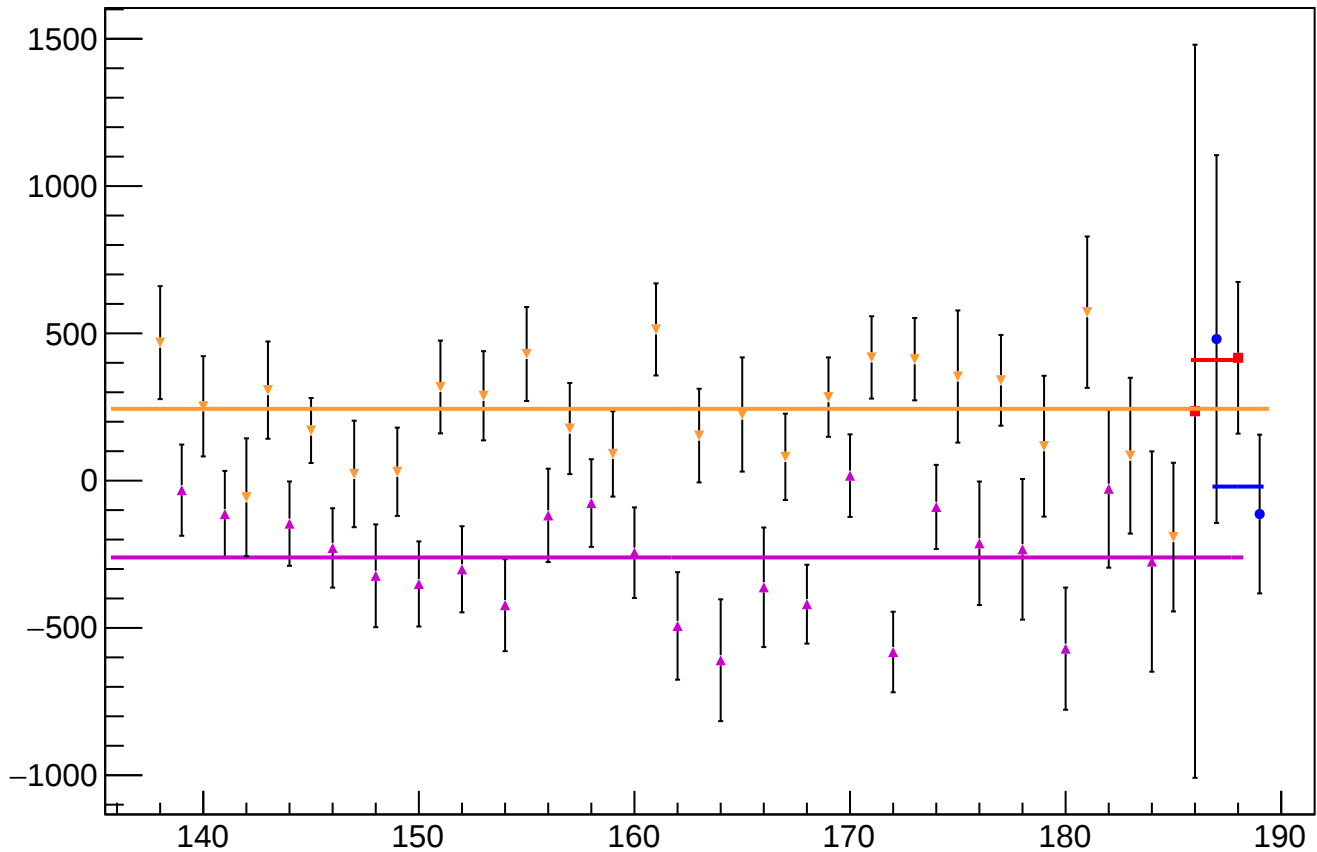
Left In: 247.919 $\pm$ 0.043 χ^2 /NDF: 2374698.8/22

+ sign 254.643 $\pm$ 0.043 χ^2 /NDF: 3194605.7/26

All: 252.349 $\pm$ 0.031 χ^2 /NDF: 6673670.8/51

- sign 250.050 $\pm$ 0.043 χ^2 /NDF: 3473470.1/24

dit_asym_sam_48_dd_mean vs Slug



Right In: -20.081 ± 247.379 χ^2/NDF : 0.8/1

Left Out: 243.890 ± 32.810 χ^2/NDF : 24.2/24

Right Out: 409.636 ± 252.075 χ^2/NDF : 0.0/1

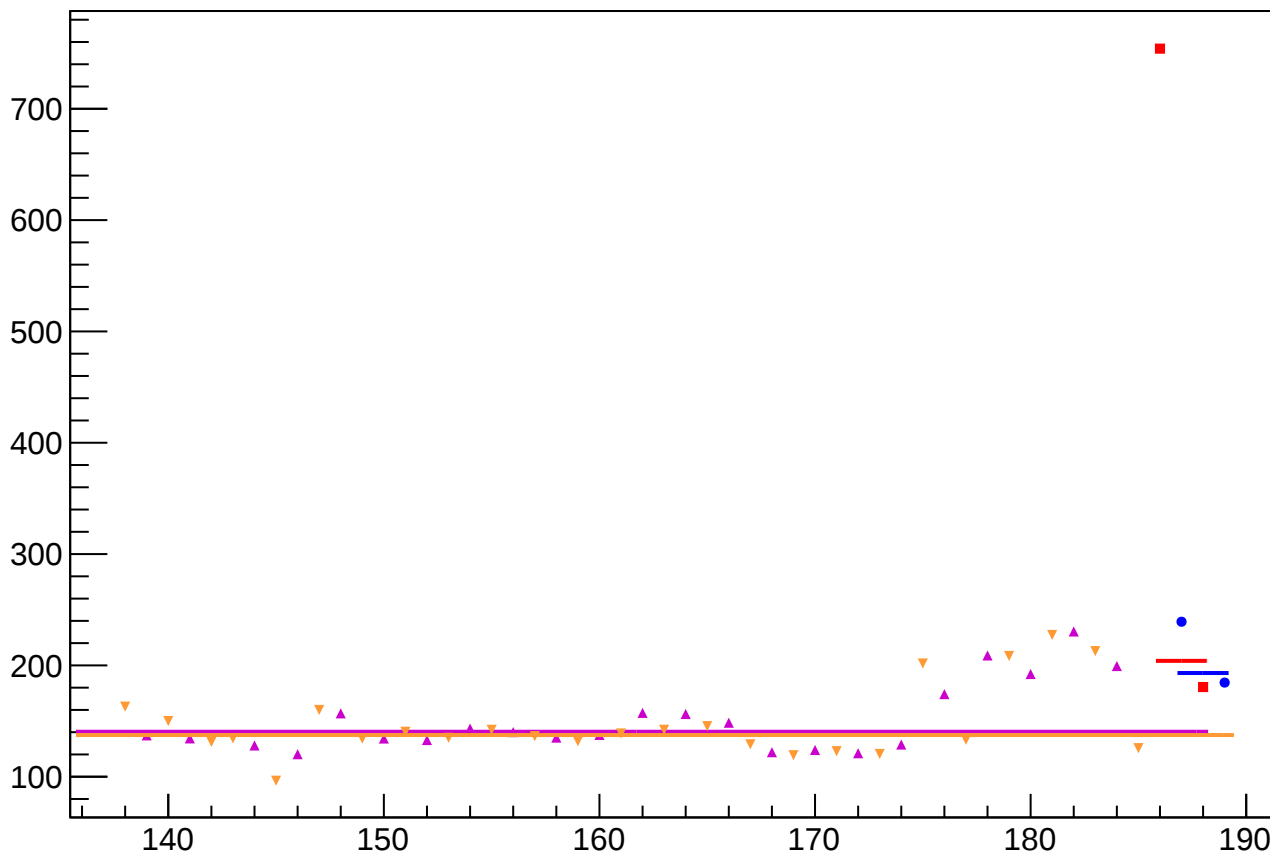
Left In: -260.732 ± 34.112 χ^2/NDF : 28.0/22

+ sign 239.326 ± 32.525 χ^2/NDF : 26.1/26

All: 4.728 ± 23.438 χ^2/NDF : 169.3/51

- sign -248.677 ± 33.803 χ^2/NDF : 34.9/24

dit_asym_sam_48_dd_rms vs Slug



Right In: 193.149 $\pm$ 0.175 χ^2 /NDF: 12925.7/1

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

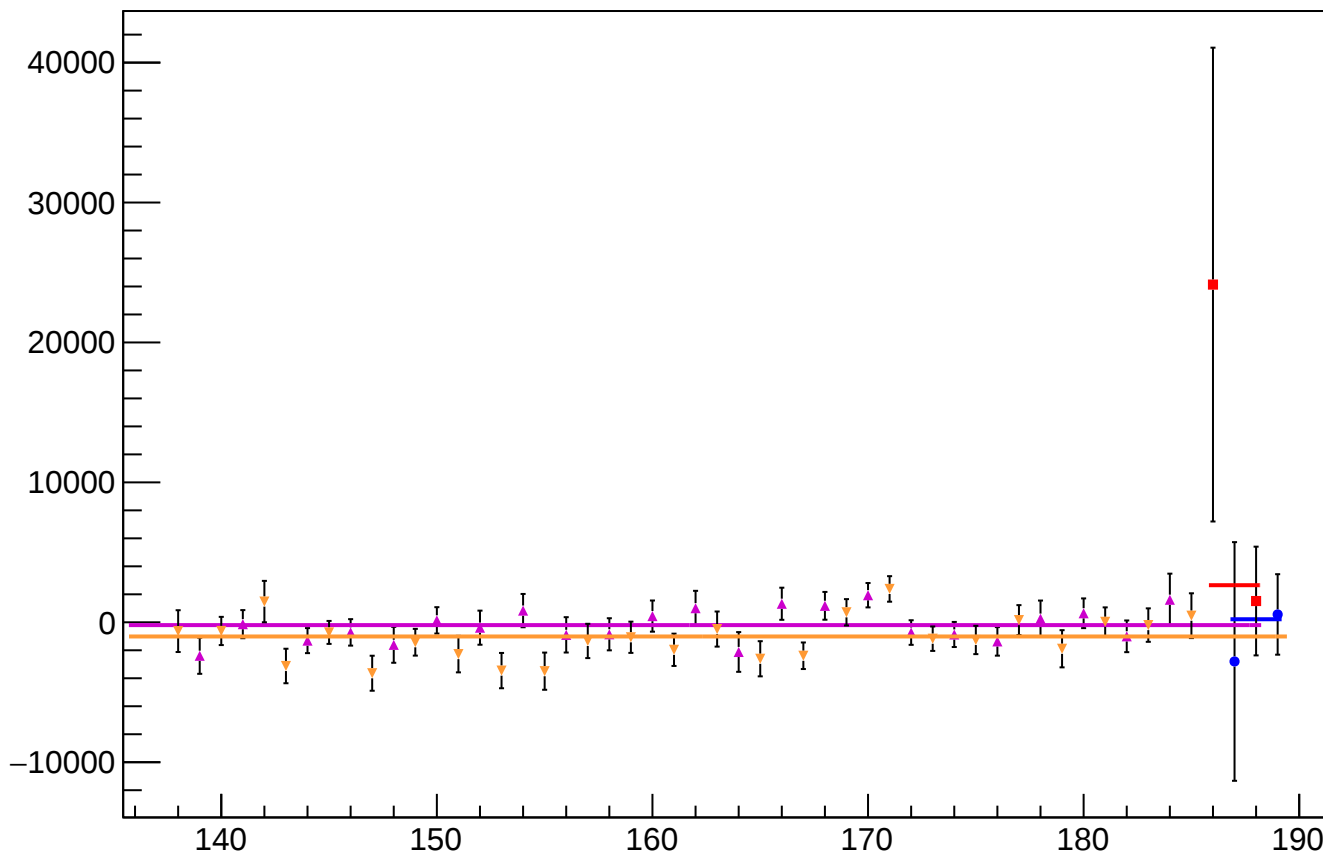
Left In: 140.398 $\pm$ 0.024 χ^2 /NDF: 862043.6/22

+ sign 138.392 $\pm$ 0.023 χ^2 /NDF: 1328518.6/26

All: 139.907 $\pm$ 0.017 χ^2 /NDF: 2732253.2/51

- sign 141.543 $\pm$ 0.024 χ^2 /NDF: 1394713.6/24

asym_sam_48_dd_correction_mean vs Slug



Right In: 217.869 ± 2725.575 χ^2/NDF : 0.1/1

Left Out: -1013.520 ± 222.295 χ^2/NDF : 44.8/24

Right Out: 2651.292 ± 3787.003 χ^2/NDF : 1.7/1

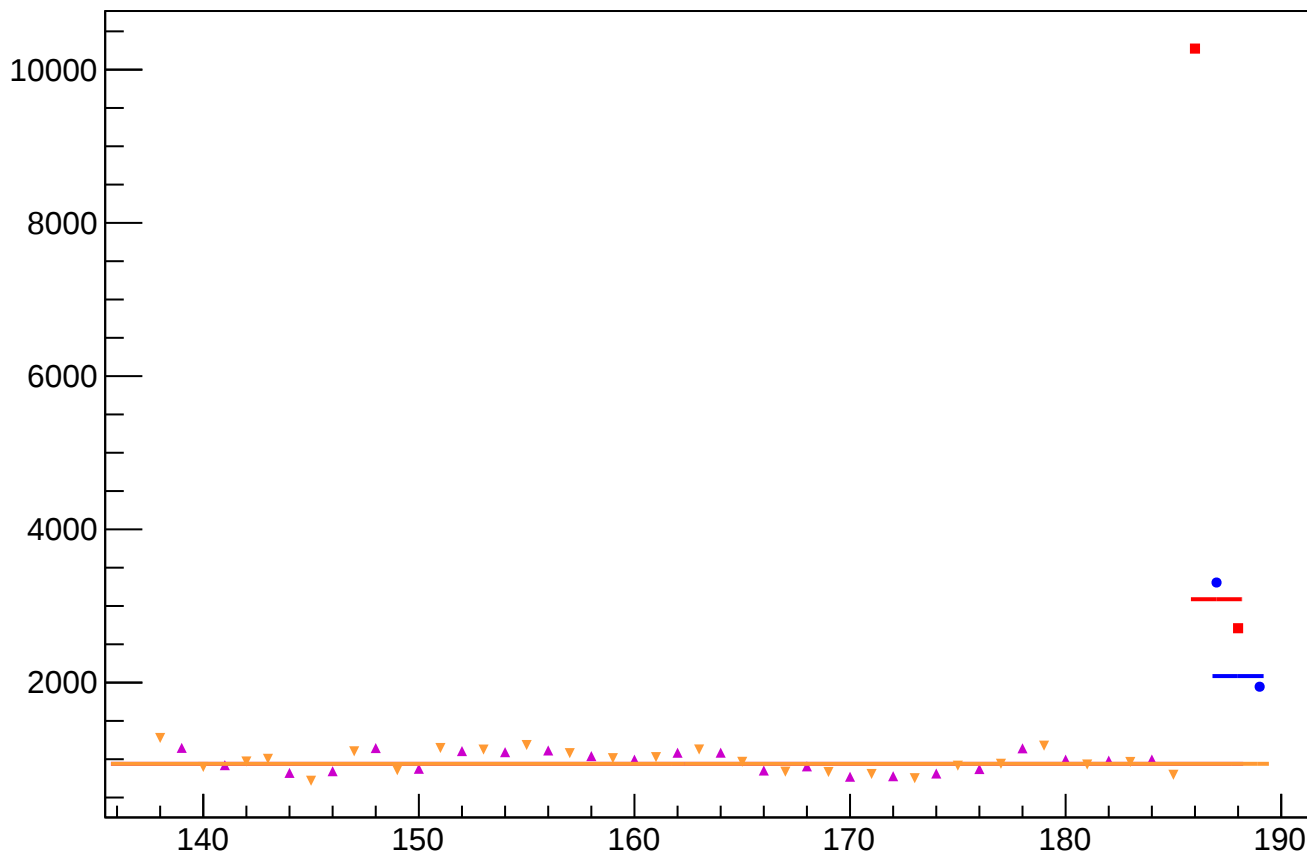
Left In: -200.935 ± 226.129 χ^2/NDF : 24.7/22

+ sign -1005.383 ± 221.560 χ^2/NDF : 45.2/26

All: -605.681 ± 158.119 χ^2/NDF : 78.8/51

- sign -190.802 ± 225.727 χ^2/NDF : 27.0/24

asym_sam_48_dd_correction_rms vs Slug



Right In: 2085.185 $\pm$ 1.927 χ^2/NDF : 45659.4/1

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

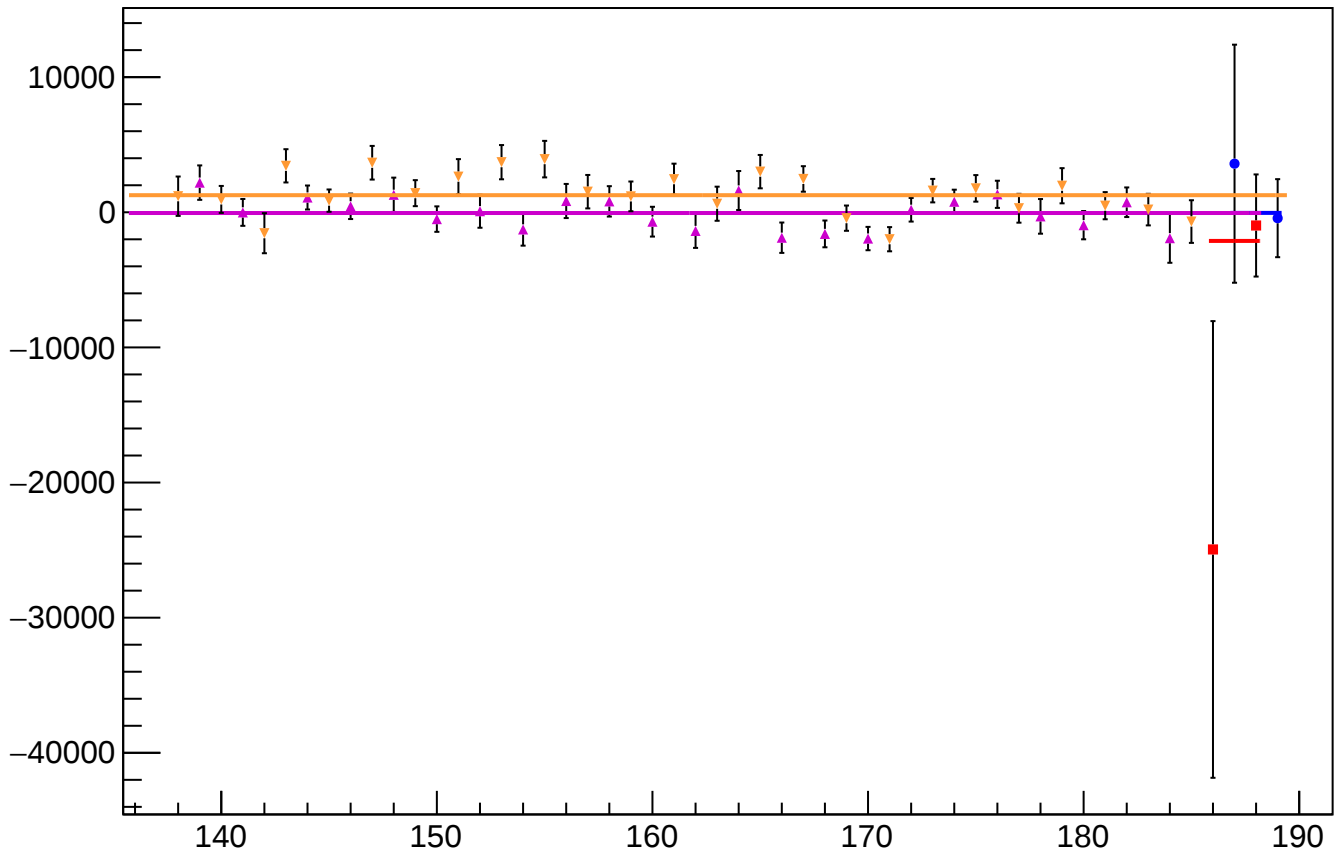
Left In: 939.323 $\pm$ 0.160 χ^2/NDF : 609694.0/22

+ sign 947.676 $\pm$ 0.157 χ^2/NDF : 1220759.4/26

All: 947.324 $\pm$ 0.112 χ^2/NDF : 2851452.7/51

- sign 946.957 $\pm$ 0.160 χ^2/NDF : 1630683.0/24

asym_sam_48_dd_mean vs Slug



Right In: -45.183 ± 2743.608 $\chi^2/\text{NDF}: 0.2/1$

Left Out: 1264.940 ± 220.626 $\chi^2/\text{NDF}: 45.5/24$

Right Out: -2119.387 ± 3687.624 $\chi^2/\text{NDF}: 1.9/1$

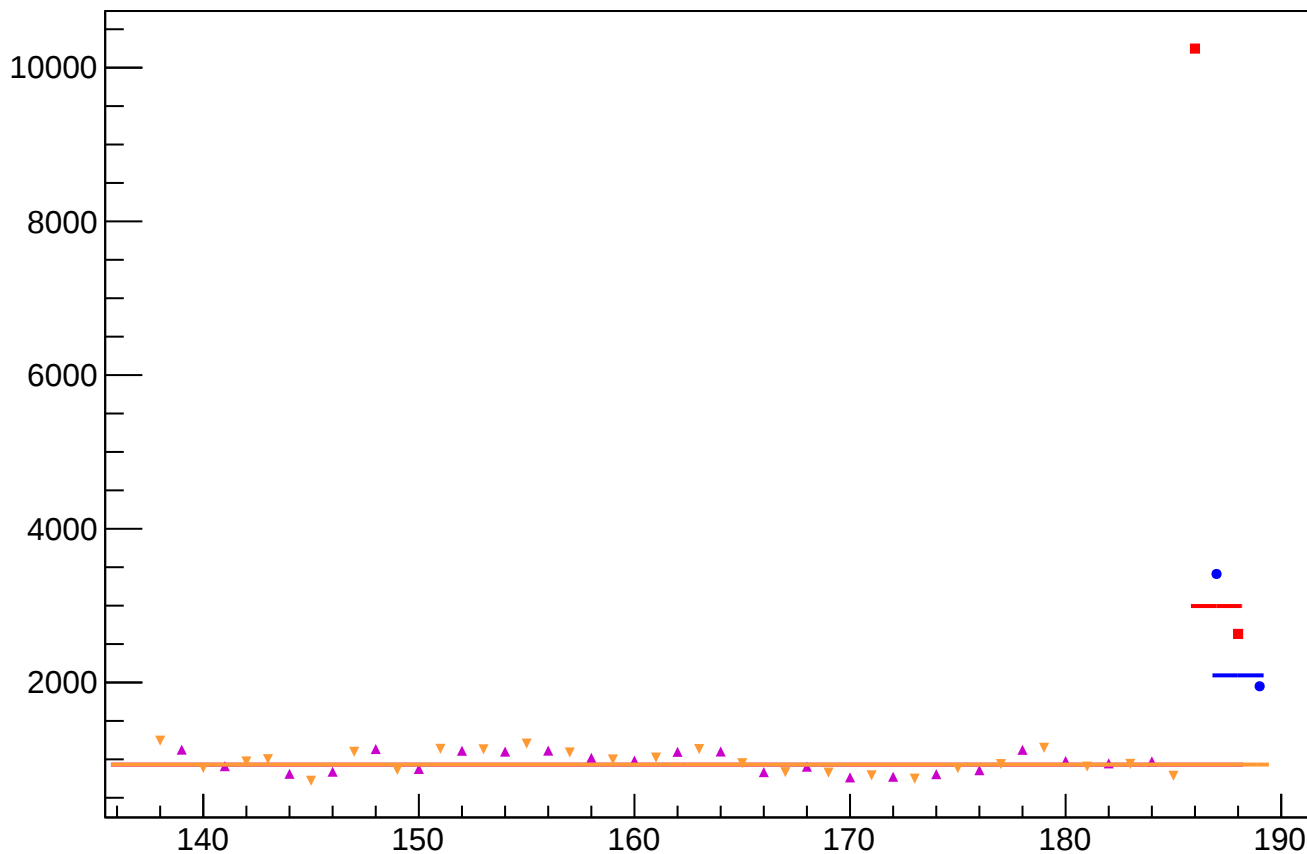
Left In: -53.940 ± 224.371 $\chi^2/\text{NDF}: 26.4/22$

+ sign 1256.522 ± 219.916 $\chi^2/\text{NDF}: 46.0/26$

All: 609.480 ± 156.913 $\chi^2/\text{NDF}: 92.2/51$

- sign -61.558 ± 223.957 $\chi^2/\text{NDF}: 28.6/24$

asym_sam_48_dd_rms vs Slug



Right In: 2092.722+/-1.940 χ^2/NDF : 49700.8/1

Left Out: 932.170+/-0.156 χ^2/NDF : 828733.8/24

Right Out: 2994.826+/-2.608 χ^2/NDF : 386944.9/1

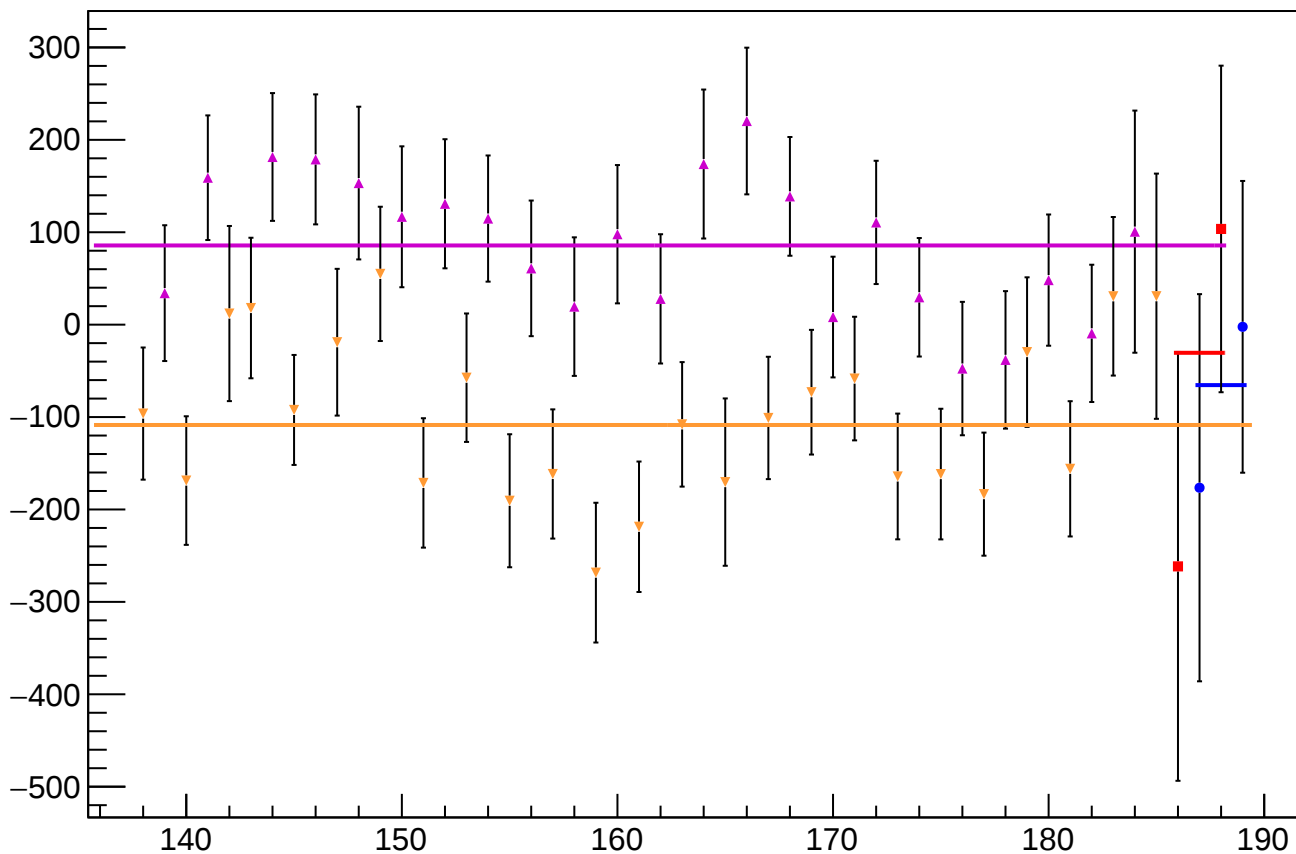
Left In: 930.854+/-0.159 χ^2/NDF : 621985.5/22

+ sign 939.627+/-0.156 χ^2/NDF : 1233996.9/26

All: 939.057+/-0.111 χ^2/NDF : 2867177.2/51

- sign 938.467+/-0.158 χ^2/NDF : 1633153.1/24

dit_asym_sam_13_57_dd_mean vs Slug



Right In: -65.418 ± 126.077 χ^2/NDF : 0.4/1

Left Out: -108.572 ± 14.605 χ^2/NDF : 30.6/24

Right Out: -30.460 ± 140.581 χ^2/NDF : 1.6/1

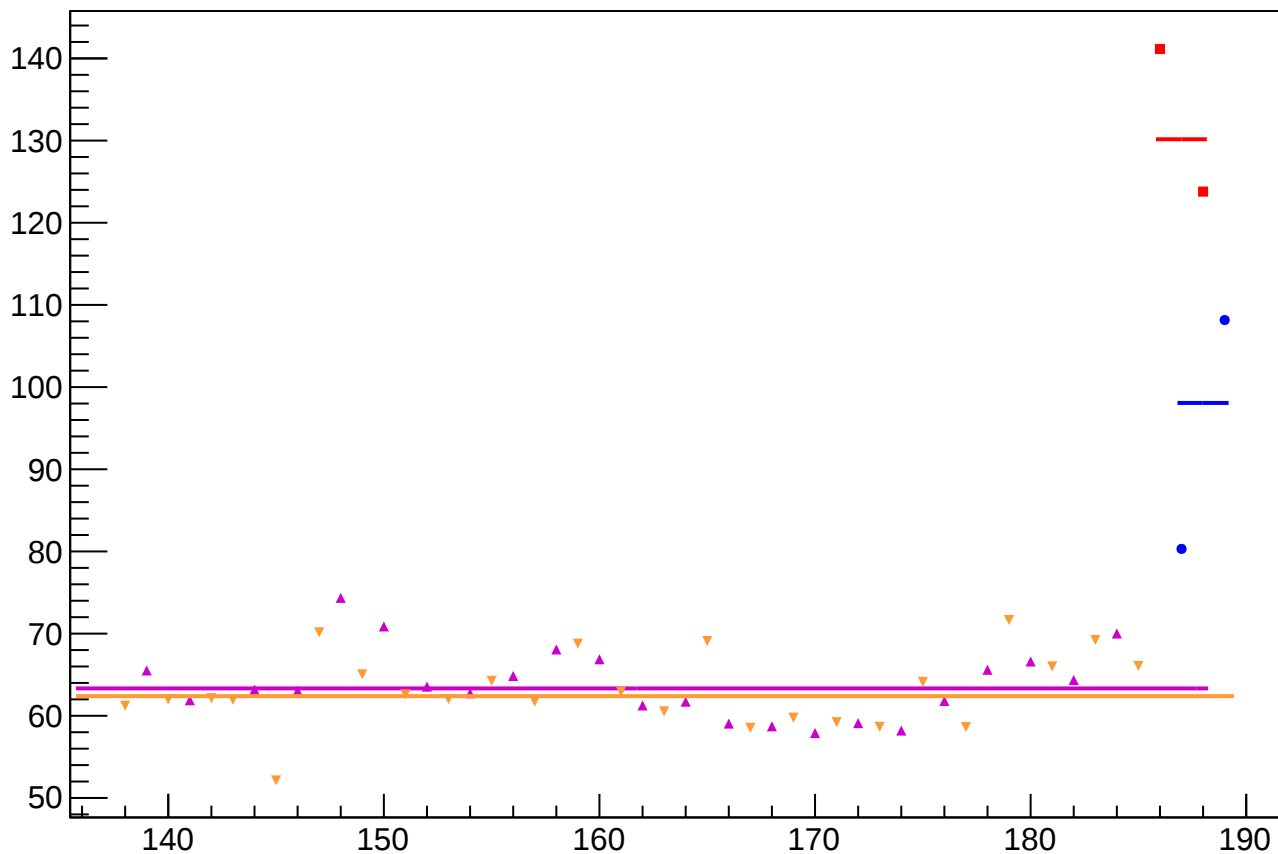
Left In: 85.703 ± 15.129 χ^2/NDF : 23.6/22

+ sign -108.000 ± 14.508 χ^2/NDF : 31.2/26

All: -15.296 ± 10.442 χ^2/NDF : 141.7/51

- sign 84.373 ± 15.043 χ^2/NDF : 25.8/24

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 98.073 $\pm$ 0.089 χ^2/NDF : 22543.1/1

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

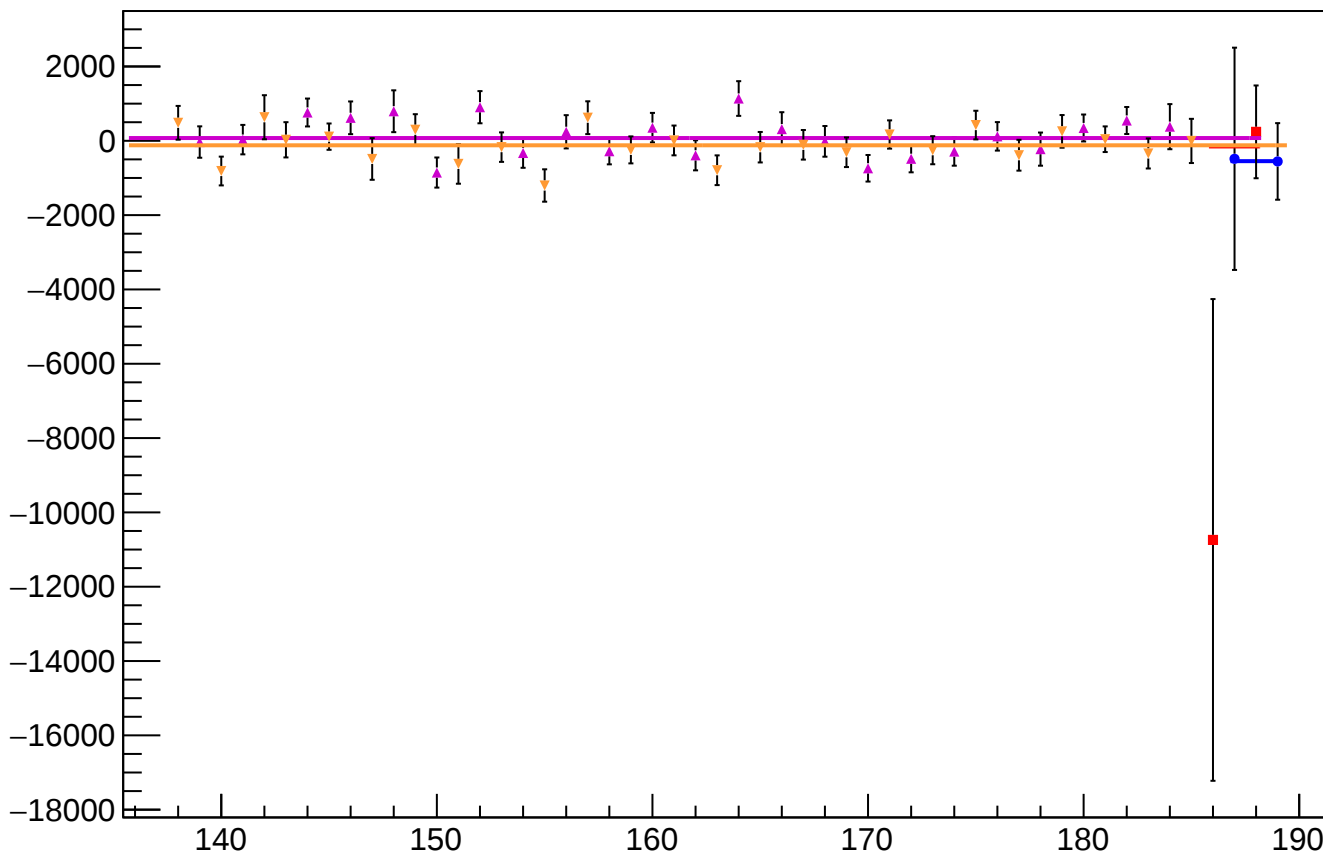
Left In: 63.333 $\pm$ 0.011 χ^2/NDF : 137299.8/22

+ sign 62.865 $\pm$ 0.010 χ^2/NDF : 364199.3/26

All: 63.459 $\pm$ 0.007 χ^2/NDF : 962301.8/51

- sign 64.098 $\pm$ 0.011 χ^2/NDF : 591147.5/24

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -547.690 $\pm$ 974.233 χ^2 /NDF: 0.0/1

Left Out: -120.966 $\pm$ 83.470 χ^2 /NDF: 26.1/24

Right Out: -152.099 $\pm$ 1225.844 χ^2 /NDF: 2.8/1

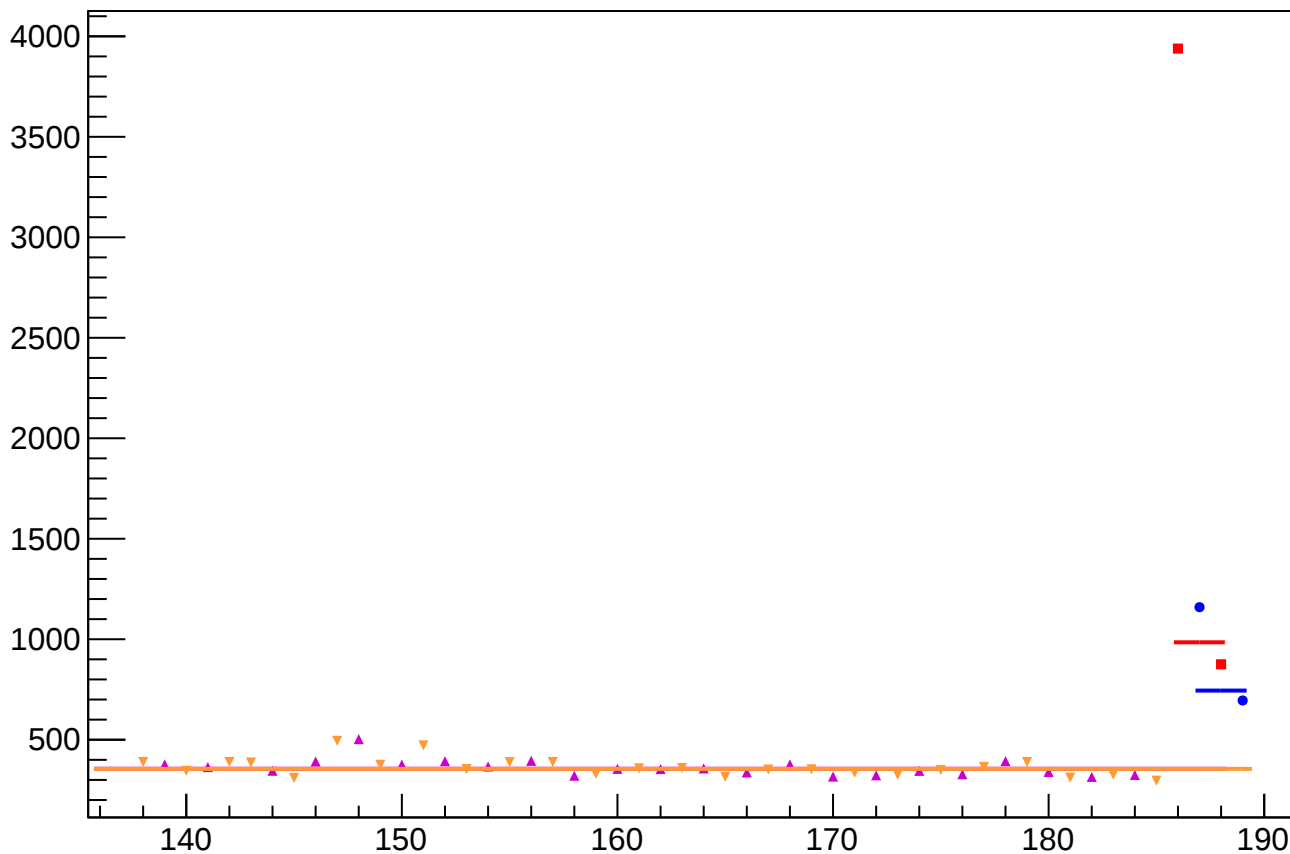
Left In: 74.271 $\pm$ 85.207 χ^2 /NDF: 36.4/22

+ sign -124.075 $\pm$ 83.165 χ^2 /NDF: 26.3/26

All: -27.600 $\pm$ 59.446 χ^2 /NDF: 68.3/51

- sign 73.183 $\pm$ 85.002 χ^2 /NDF: 39.2/24

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 744.565 $\pm$ 0.689 χ^2 /NDF: 43053.7/1

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

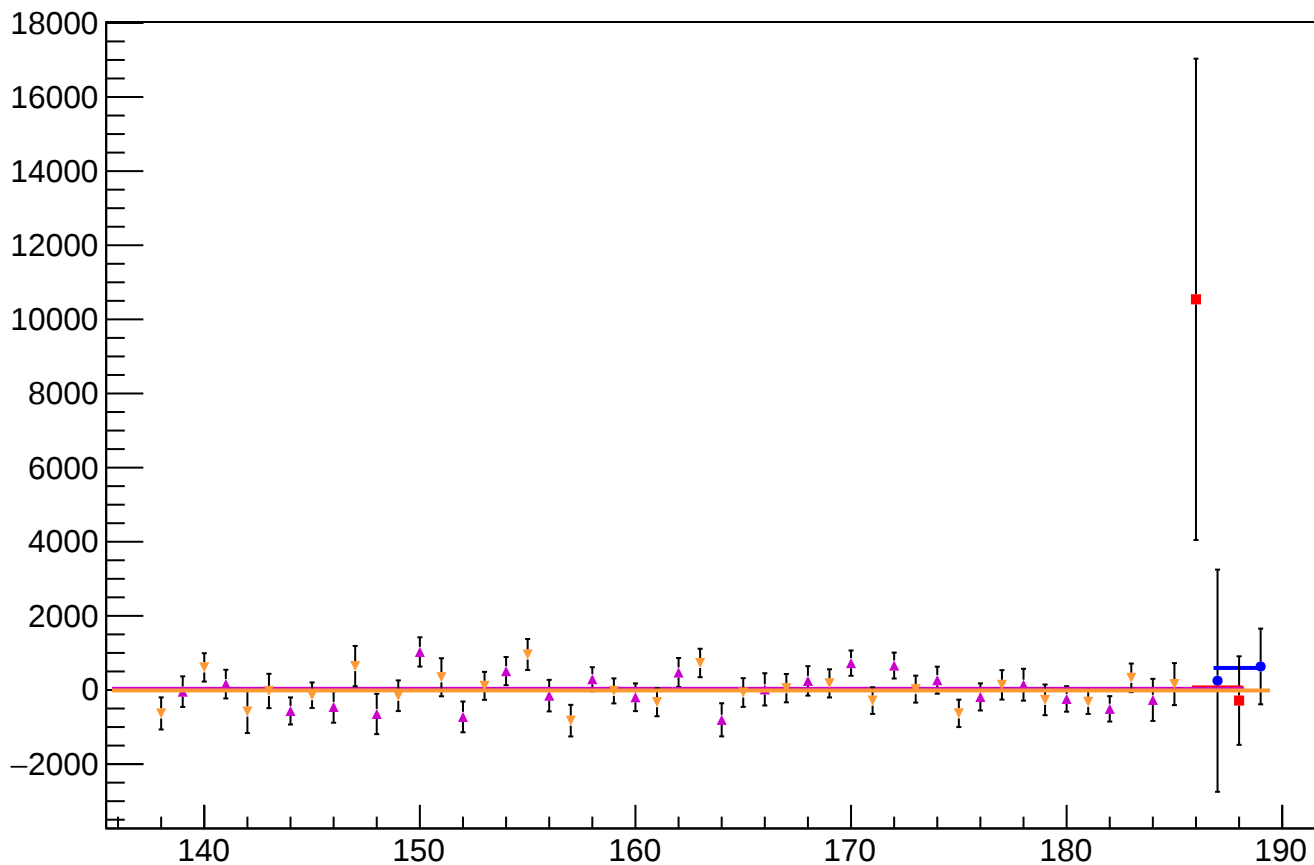
Left In: 355.506 $\pm$ 0.060 χ^2 /NDF: 323168.9/22

+ sign 357.955 $\pm$ 0.059 χ^2 /NDF: 790434.7/26

All: 358.237 $\pm$ 0.042 χ^2 /NDF: 2068988.7/51

- sign 358.532 $\pm$ 0.060 χ^2 /NDF: 1278507.0/24

asym_sam_13_57_dd_mean vs Slug



Right In: 595.036+/-966.843 χ^2/NDF : 0.0/1

Left Out: -12.545+/-79.984 χ^2/NDF : 27.3/24

Right Out: 69.061+/-1175.108 χ^2/NDF : 2.7/1

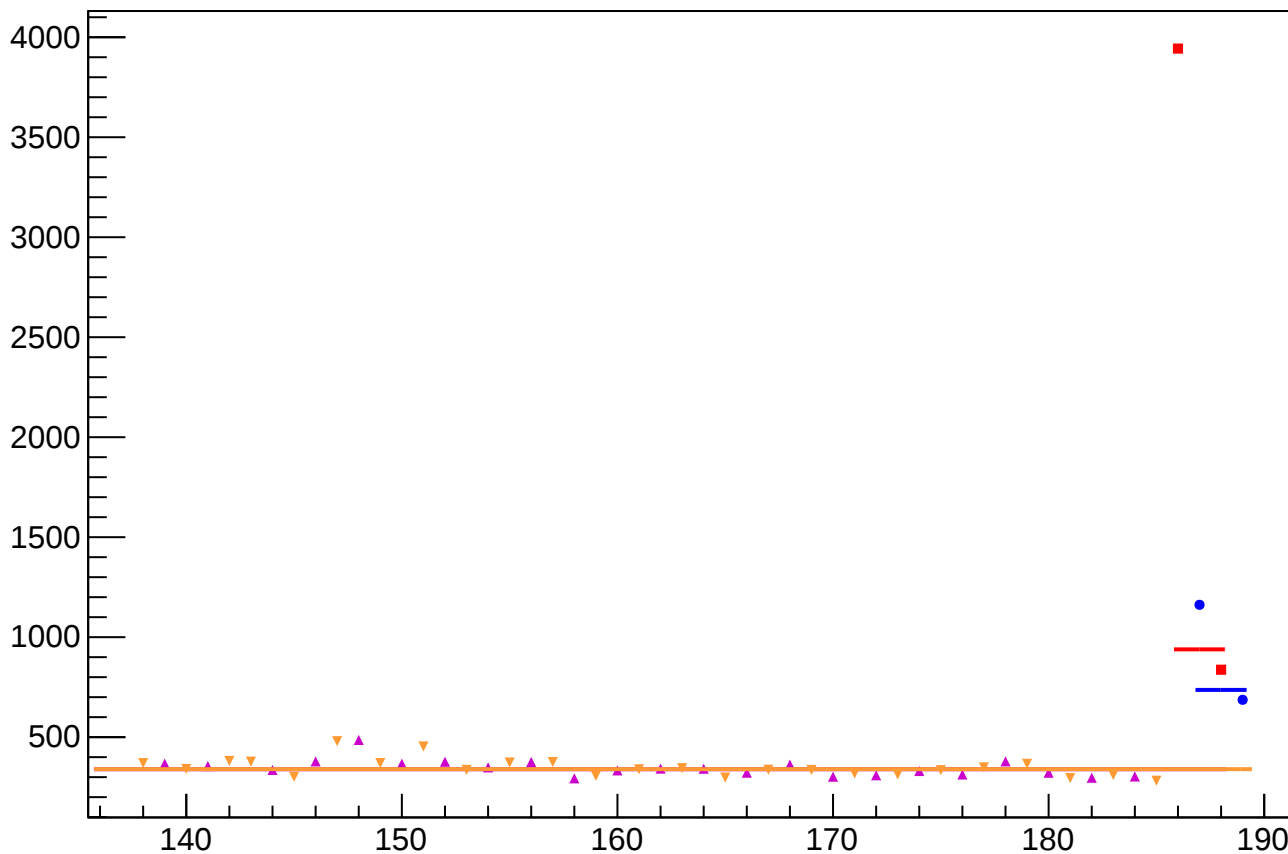
Left In: 31.531+/-81.476 χ^2/NDF : 34.8/22

+ sign -8.415+/-79.712 χ^2/NDF : 27.8/26

All: 11.257+/-56.911 χ^2/NDF : 65.3/51

- sign 31.711+/-81.281 χ^2/NDF : 37.5/24

asym_sam_13_57_dd_rms vs Slug



Right In: 736.292 $\pm$ 0.684 χ^2 /NDF: 44998.8/1

Left Out: 340.018 $\pm$ 0.057 χ^2 /NDF: 465345.1/24

Right Out: 938.987 $\pm$ 0.831 χ^2 /NDF: 442642.3/1

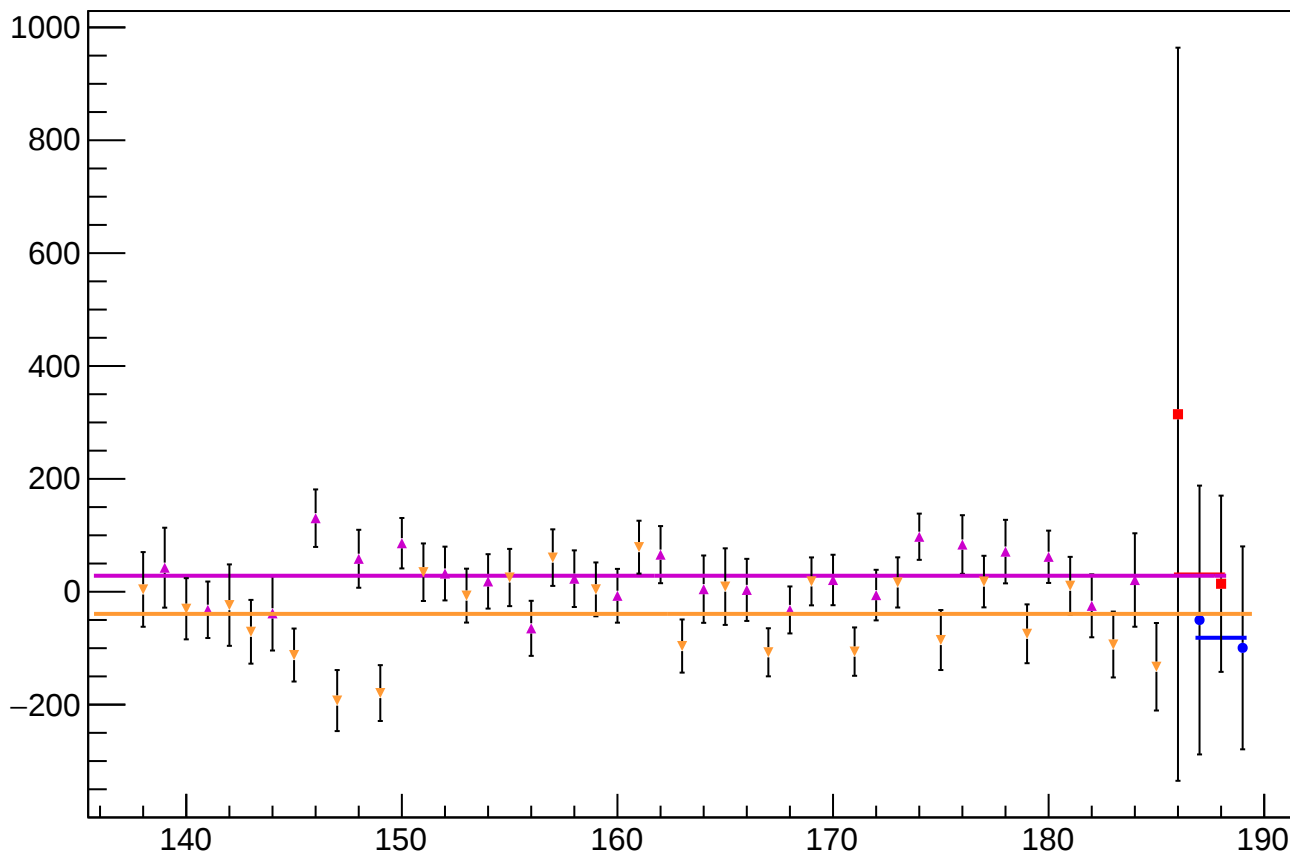
Left In: 339.571 $\pm$ 0.058 χ^2 /NDF: 377816.0/22

+ sign 342.712 $\pm$ 0.056 χ^2 /NDF: 844037.0/26

All: 342.578 $\pm$ 0.040 χ^2 /NDF: 2182410.8/51

- sign 342.439 $\pm$ 0.057 χ^2 /NDF: 1338362.3/24

dit_asym_sam_15_37_dd_mean vs Slug



Right In: -81.524 ± 143.492 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -39.211 ± 10.179 $\chi^2/\text{NDF}: 51.1/24$

Right Out: 30.588 ± 151.816 $\chi^2/\text{NDF}: 0.2/1$

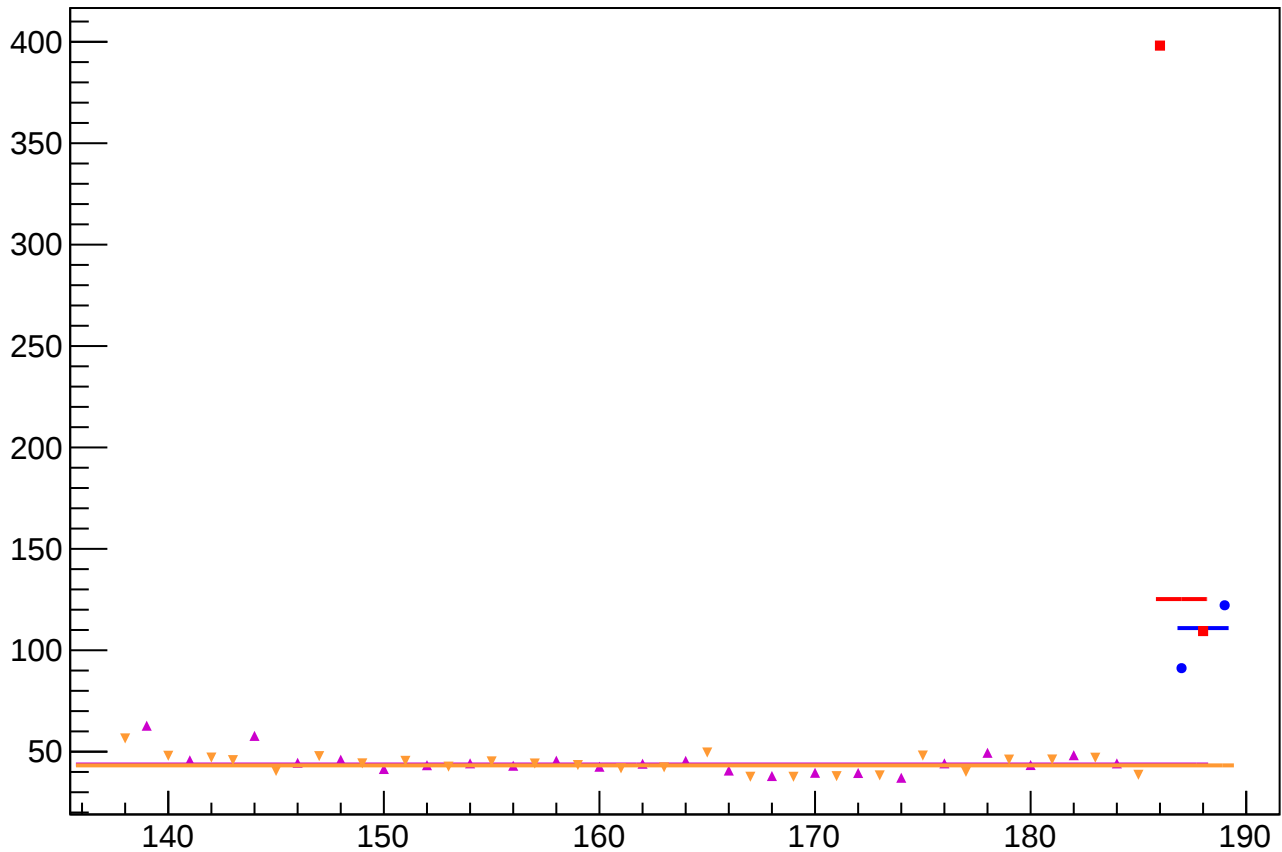
Left In: 28.364 ± 10.532 $\chi^2/\text{NDF}: 22.4/22$

+ sign -39.423 ± 10.154 $\chi^2/\text{NDF}: 51.2/26$

All: -6.681 ± 7.301 $\chi^2/\text{NDF}: 95.4/51$

- sign 28.375 ± 10.507 $\chi^2/\text{NDF}: 22.6/24$

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 110.933+/-0.101 χ^2/NDF : 21590.2/1

Left Out: 43.243+/-0.007 χ^2/NDF : 335422.8/24

Right Out: 125.239+/-0.107 χ^2/NDF : 373453.9/1

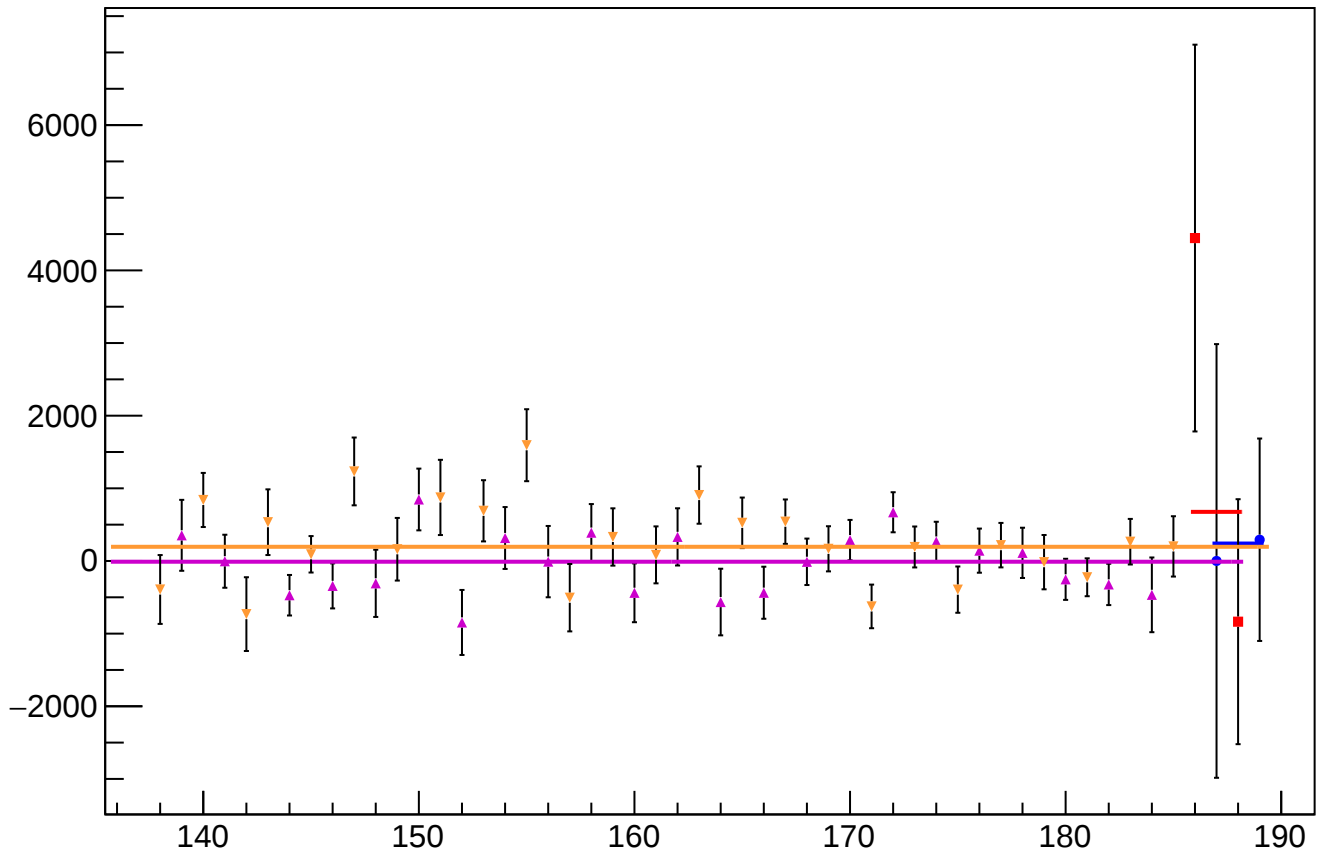
Left In: 43.679+/-0.007 χ^2/NDF : 420266.8/22

+ sign 43.582+/-0.007 χ^2/NDF : 799855.7/26

All: 43.817+/-0.005 χ^2/NDF : 2170276.0/51

- sign 44.070+/-0.007 χ^2/NDF : 1368189.3/24

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 240.106 $\pm$ 1262.428 χ^2 /NDF: 0.0/1

Left Out: 195.325 $\pm$ 71.593 χ^2 /NDF:46.4/24

Right Out: 676.156 $\pm$ 1424.392 χ^2 /NDF: 2.8/1

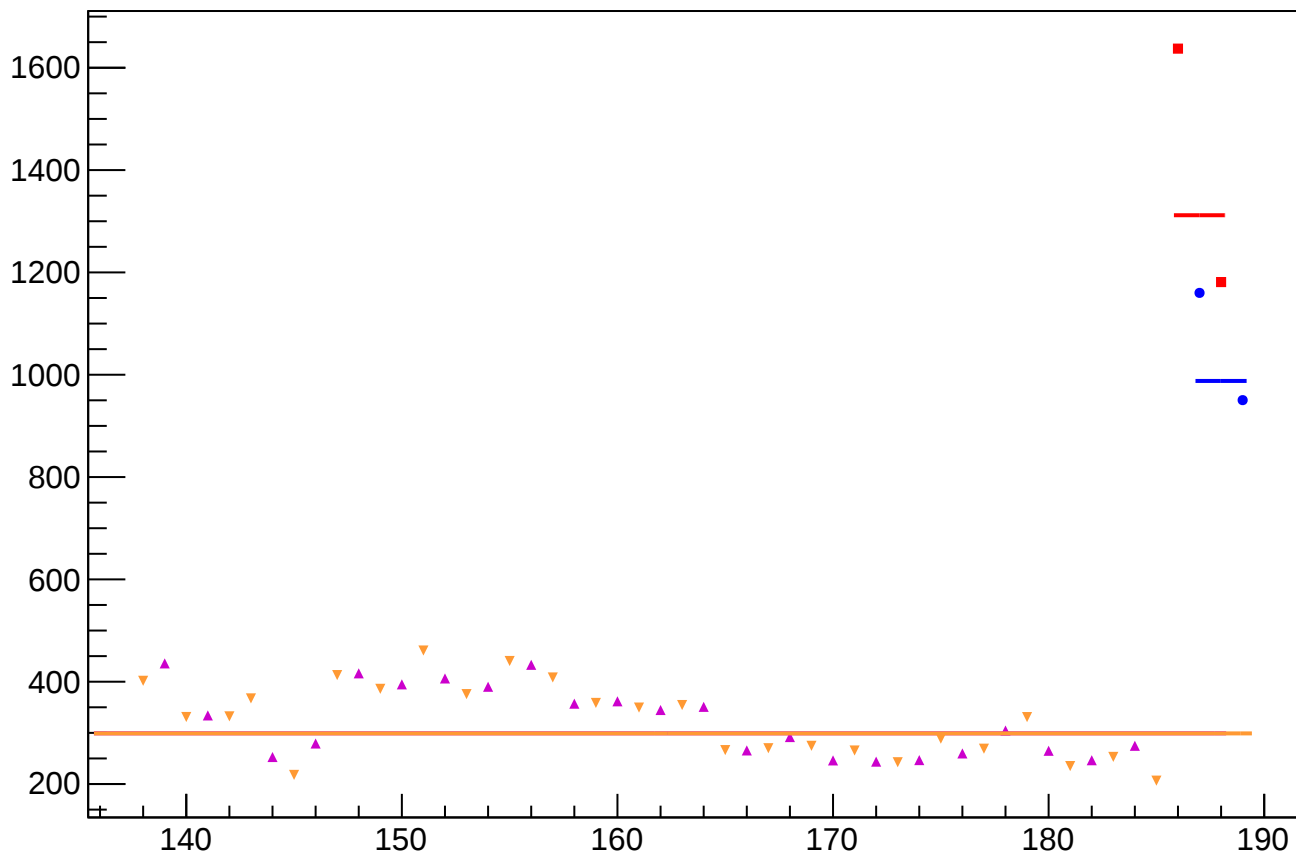
Left In: -10.264 $\pm$ 72.816 χ^2 /NDF:30.2/22

+ sign 195.468 $\pm$ 71.479 χ^2 /NDF: 46.4/26

All: 95.254 $\pm$ 50.977 χ^2 /NDF: 83.6/51

- sign -8.475 $\pm$ 72.721 χ^2 /NDF: 33.2/24

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 987.861+/-0.893 χ^2/NDF : 8099.6/1

Left Out: 298.961+/-0.051 χ^2/NDF : 1678647.8/24

Right Out: 1311.750+/-1.007 χ^2/NDF : 41929.4/1

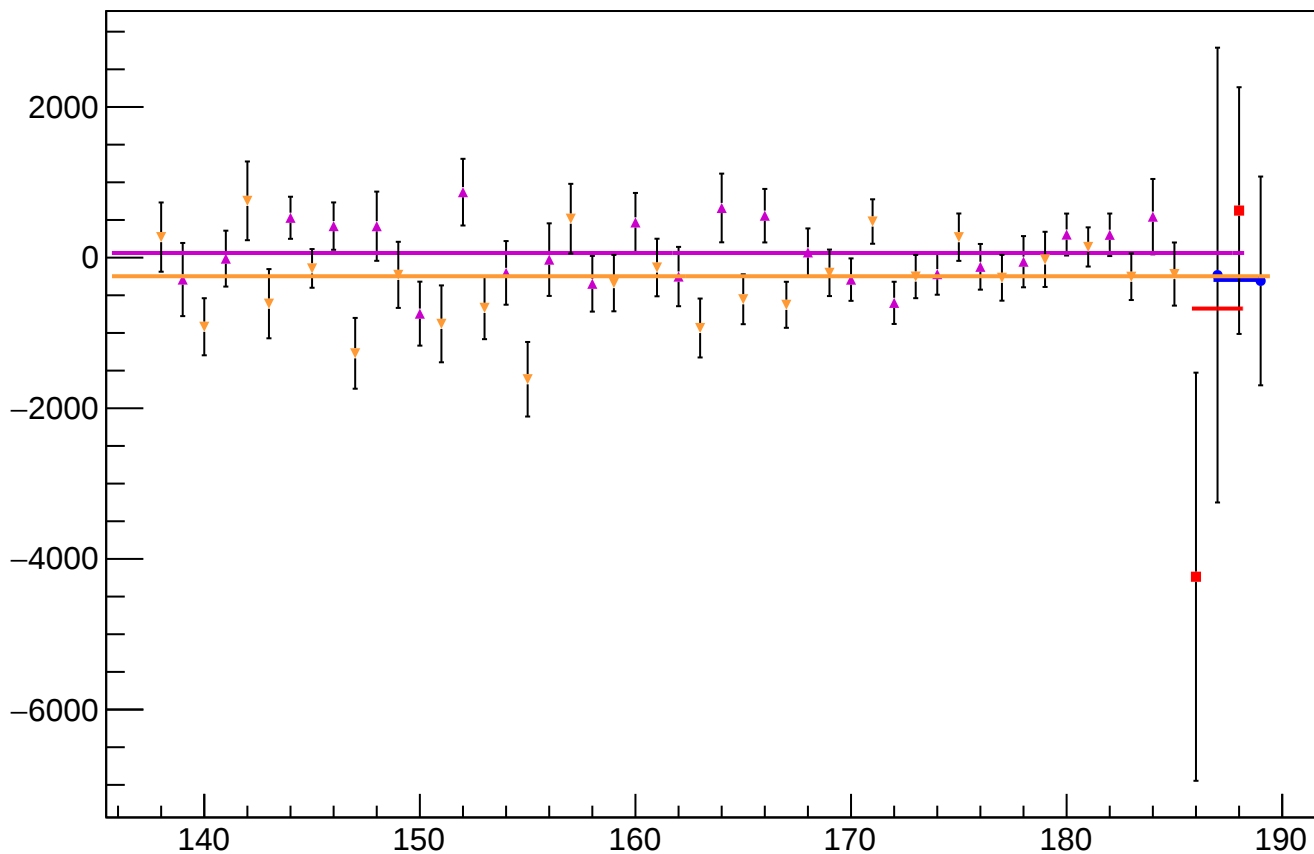
Left In: 299.127+/-0.051 χ^2/NDF : 1348388.7/22

+ sign 301.170+/-0.051 χ^2/NDF : 2280402.9/26

All: 301.463+/-0.036 χ^2/NDF : 4678959.1/51

- sign 301.766+/-0.051 χ^2/NDF : 2398487.8/24

asym_sam_15_37_dd_mean vs Slug



Right In: -295.819 ± 1259.520 χ^2/NDF : 0.0/1

Left Out: -247.108 ± 71.218 χ^2/NDF : 43.6/24

Right Out: -676.221 ± 1401.589 χ^2/NDF : 2.4/1

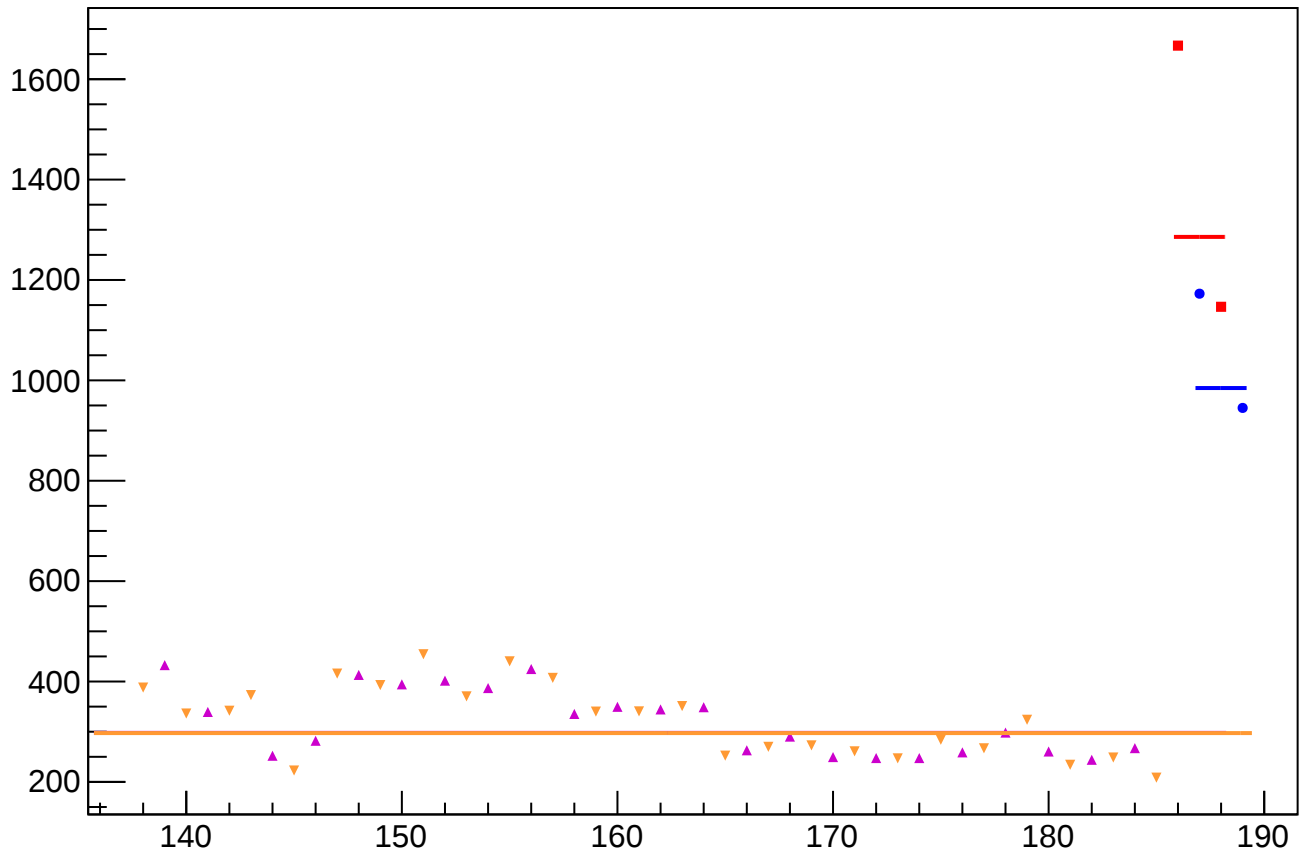
Left In: 61.707 ± 72.478 χ^2/NDF : 30.3/22

+ sign -247.263 ± 71.104 χ^2/NDF : 43.6/26

All: -96.493 ± 50.724 χ^2/NDF : 85.7/51

- sign 59.739 ± 72.381 χ^2/NDF : 33.0/24

asym_sam_15_37_dd_rms vs Slug



Right In: 984.711+/-0.891 χ^2/NDF : 9385.0/1

Left Out: 297.273+/-0.050 χ^2/NDF : 1627904.5/24

Right Out: 1285.821+/-0.991 χ^2/NDF : 54019.1/1

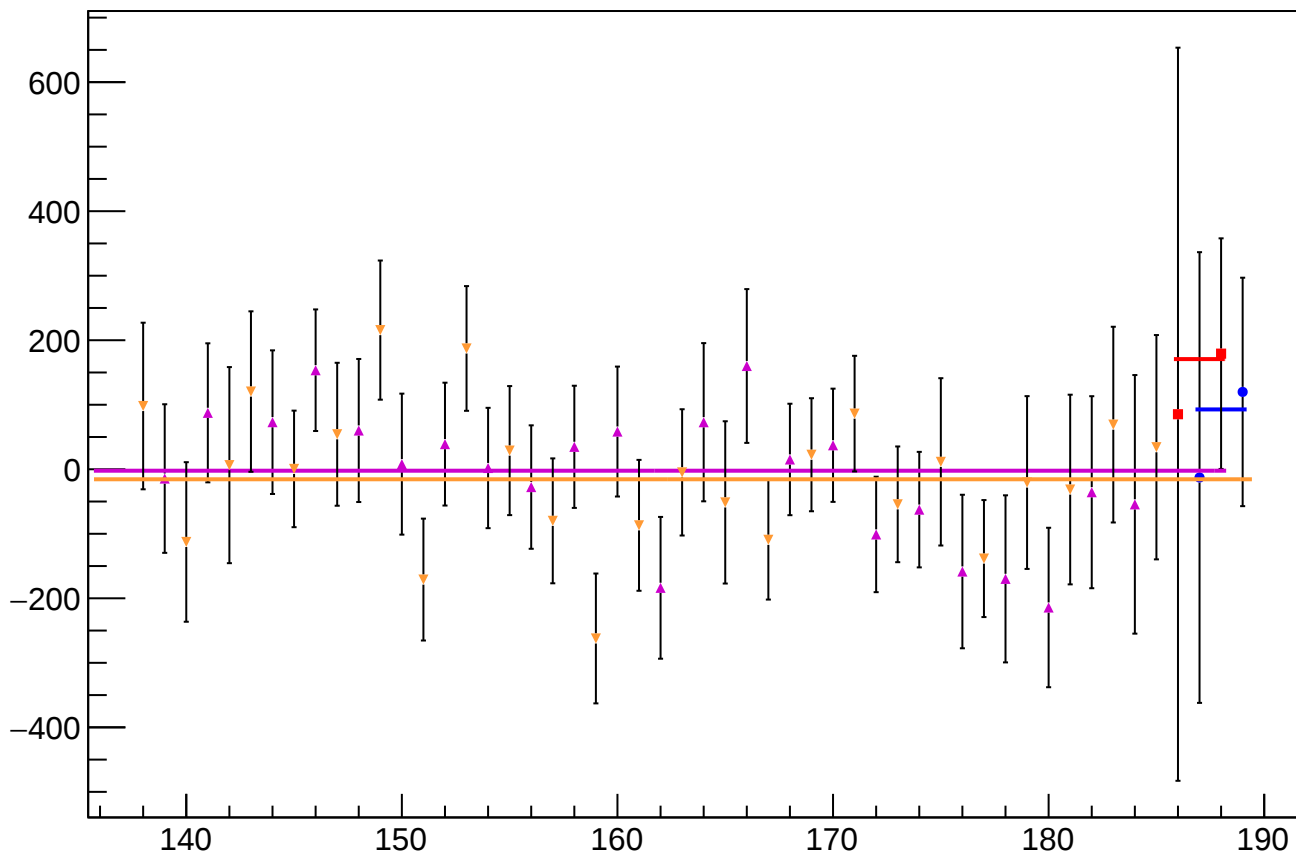
Left In: 297.696+/-0.051 χ^2/NDF : 1274607.7/22

+ sign 299.464+/-0.050 χ^2/NDF : 2231171.8/26

All: 299.890+/-0.036 χ^2/NDF : 4551353.7/51

- sign 300.331+/-0.051 χ^2/NDF : 2320035.7/24

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 92.743 $\pm$ 157.910 χ^2 /NDF: 0.1/1

Left Out: -15.520 $\pm$ 21.475 χ^2 /NDF:27.0/24

Right Out: 170.753 $\pm$ 170.476 χ^2 /NDF: 0.0/1

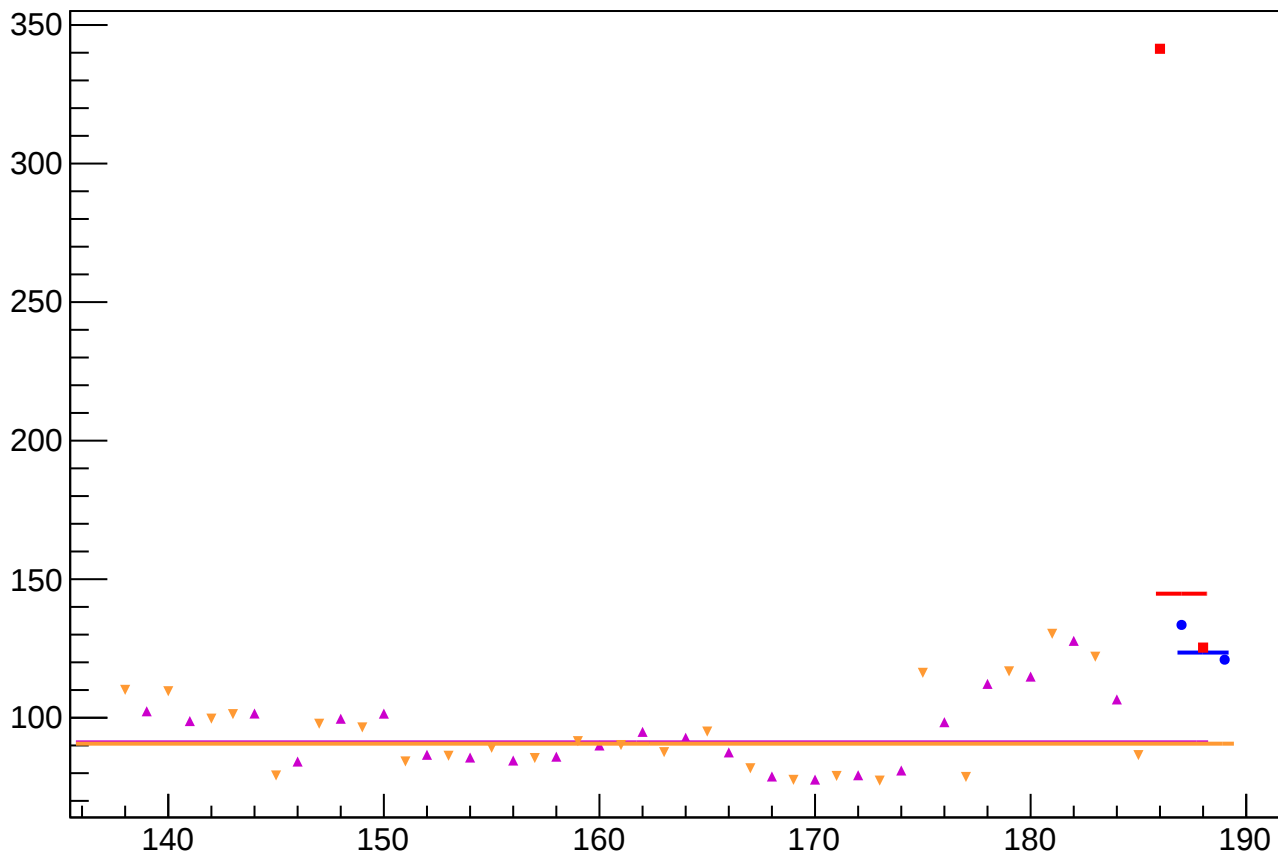
Left In: -2.238 $\pm$ 22.012 χ^2 /NDF:18.3/22

+ sign -13.554 $\pm$ 21.279 χ^2 /NDF: 27.5/26

All: -6.659 $\pm$ 15.238 χ^2 /NDF: 47.1/51

- sign 0.599 $\pm$ 21.830 χ^2 /NDF: 19.4/24

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 123.522 $\pm$ 0.112 χ^2 /NDF: 2052.5/1

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

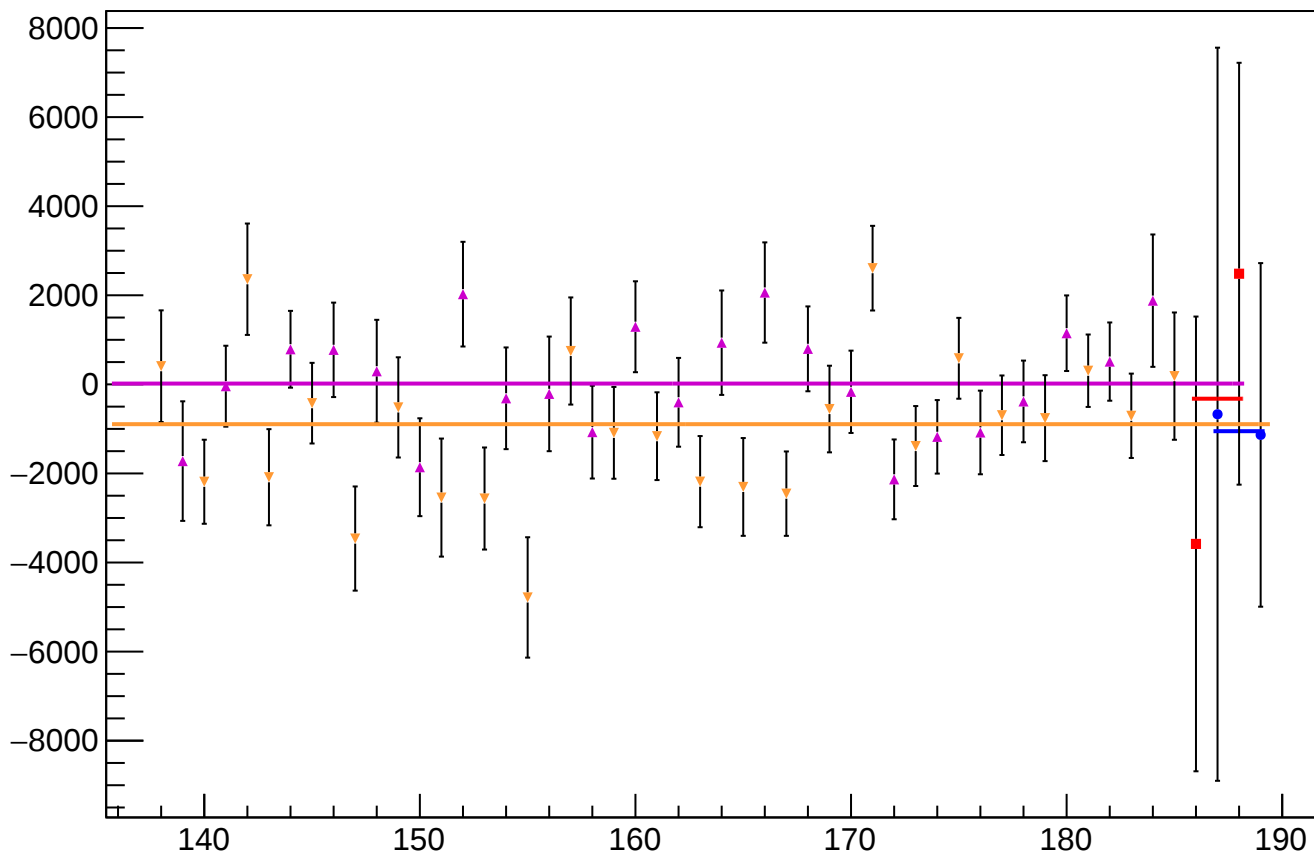
Left In: 91.121 $\pm$ 0.016 χ^2 /NDF: 534843.6/22

+ sign 91.242 $\pm$ 0.015 χ^2 /NDF: 833601.4/26

All: 91.612 $\pm$ 0.011 χ^2 /NDF: 1827838.1/51

- sign 92.000 $\pm$ 0.015 χ^2 /NDF: 992999.8/24

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -1051.335+/-3492.567 χ^2/NDF : 0.0/1

Left Out: -893.973+/-206.256 χ^2/NDF : 55.5/24

Right Out: -322.224+/-3471.791 χ^2/NDF : 0.8/1

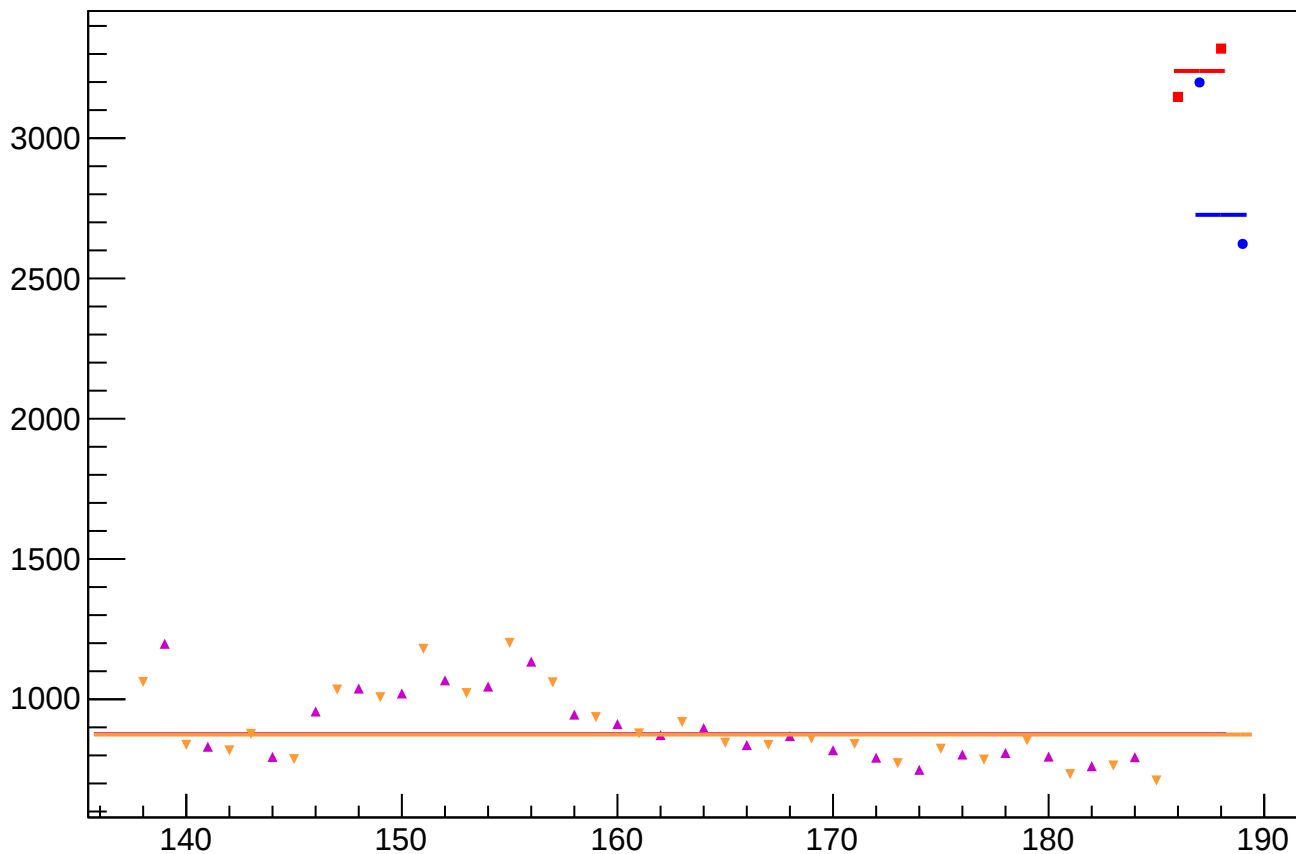
Left In: 17.607+/-210.691 χ^2/NDF : 29.5/22

+ sign -894.519+/-205.897 χ^2/NDF : 55.5/26

All: -448.723+/-147.124 χ^2/NDF : 95.4/51

- sign 16.360+/-210.304 χ^2/NDF : 30.3/24

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 2726.785 $\pm$ 2.470 χ^2 /NDF: 8018.0/1

Left Out: 874.364 $\pm$ 0.146 χ^2 /NDF: 625478.5/24

Right Out: 3239.552 $\pm$ 2.455 χ^2 /NDF: 1222.8/1

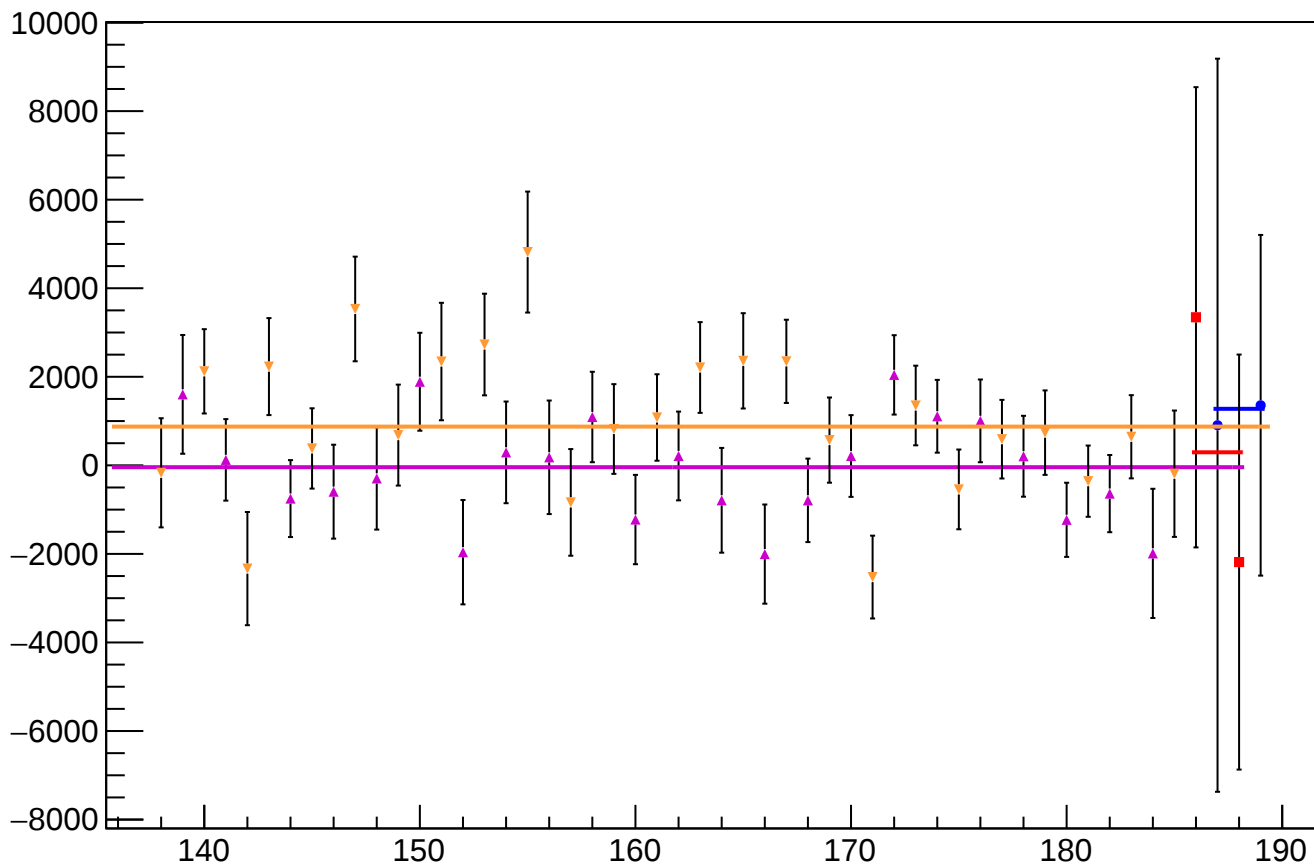
Left In: 876.305 $\pm$ 0.149 χ^2 /NDF: 569671.1/22

+ sign 880.802 $\pm$ 0.146 χ^2 /NDF: 1194167.1/26

All: 882.845 $\pm$ 0.104 χ^2 /NDF: 2688767.2/51

- sign 884.977 $\pm$ 0.149 χ^2 /NDF: 1494197.6/24

asym_sam_24_68_dd_mean vs Slug



Right In: 1276.589 $\pm$ 3488.776 χ^2 /NDF: 0.0/1

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

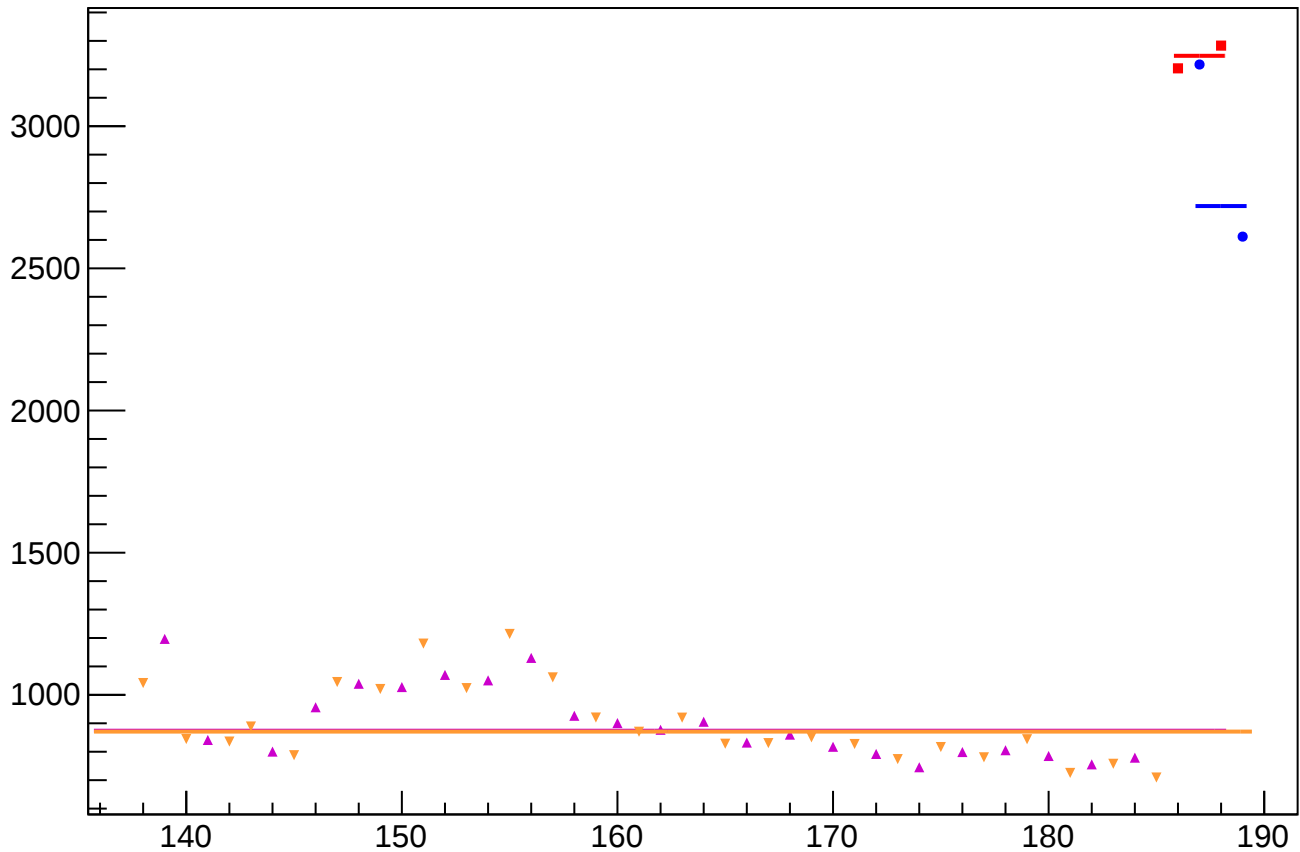
Left In: -41.523 $\pm$ 210.209 χ^2 /NDF:28.1/22

+ sign 876.473 $\pm$ 205.216 χ^2 /NDF: 55.1/26

All: 428.269 $\pm$ 146.712 χ^2 /NDF: 93.6/51

- sign -40.300 $\pm$ 209.826 χ^2 /NDF: 28.8/24

asym_sam_24_68_dd_rms vs Slug



Right In: 2719.133+/-2.467 χ^2/NDF : 8793.3/1

Left Out: 870.853+/-0.145 χ^2/NDF : 651805.6/24

Right Out: 3247.539+/-2.461 χ^2/NDF : 261.0/1

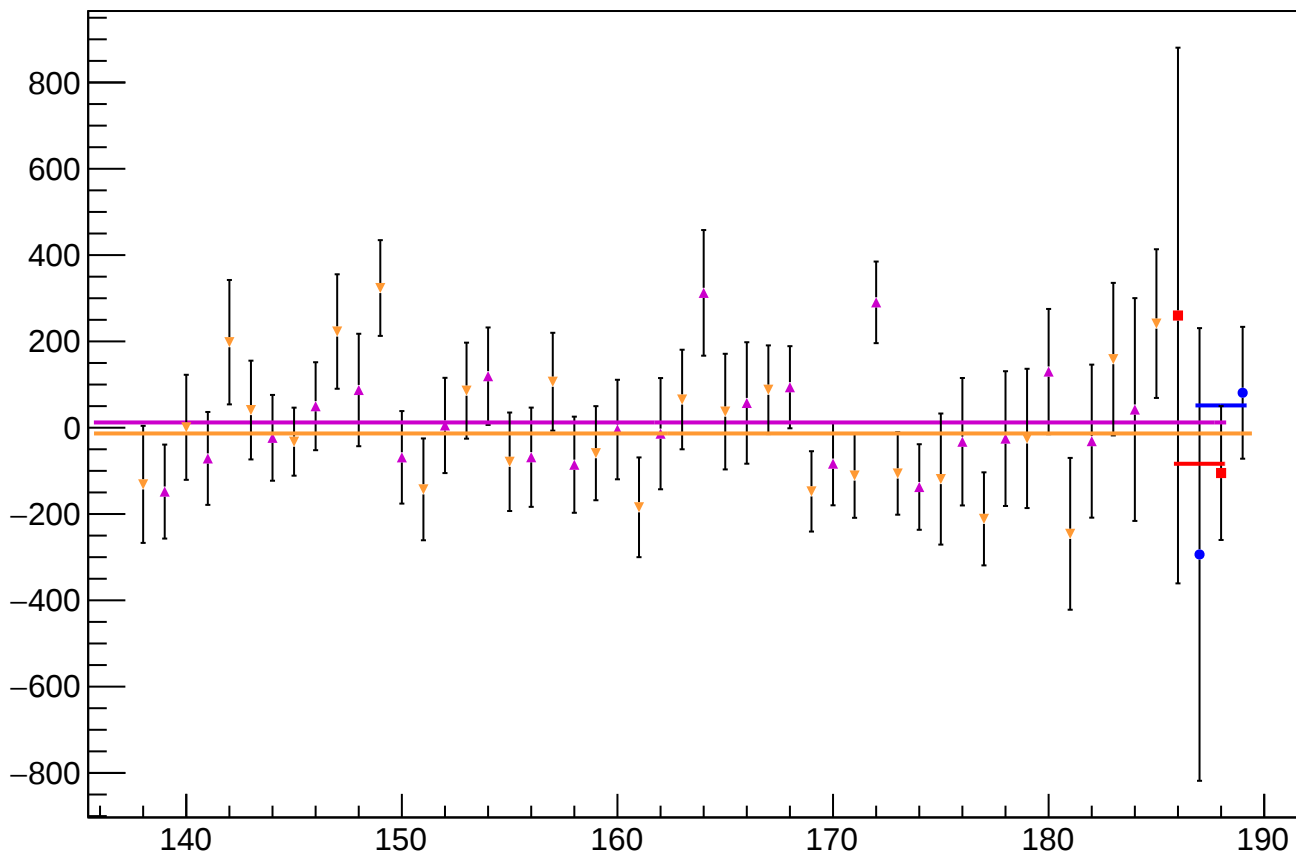
Left In: 873.902+/-0.149 χ^2/NDF : 583344.5/22

+ sign 877.248+/-0.145 χ^2/NDF : 1219987.9/26

All: 879.830+/-0.104 χ^2/NDF : 2731053.0/51

- sign 882.529+/-0.148 χ^2/NDF : 1510417.6/24

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 51.636 $\pm$ 146.685 χ^2 /NDF: 0.5/1

Left Out: -13.337 $\pm$ 23.361 χ^2 /NDF:35.8/24

Right Out: -83.567 $\pm$ 150.500 χ^2 /NDF: 0.3/1

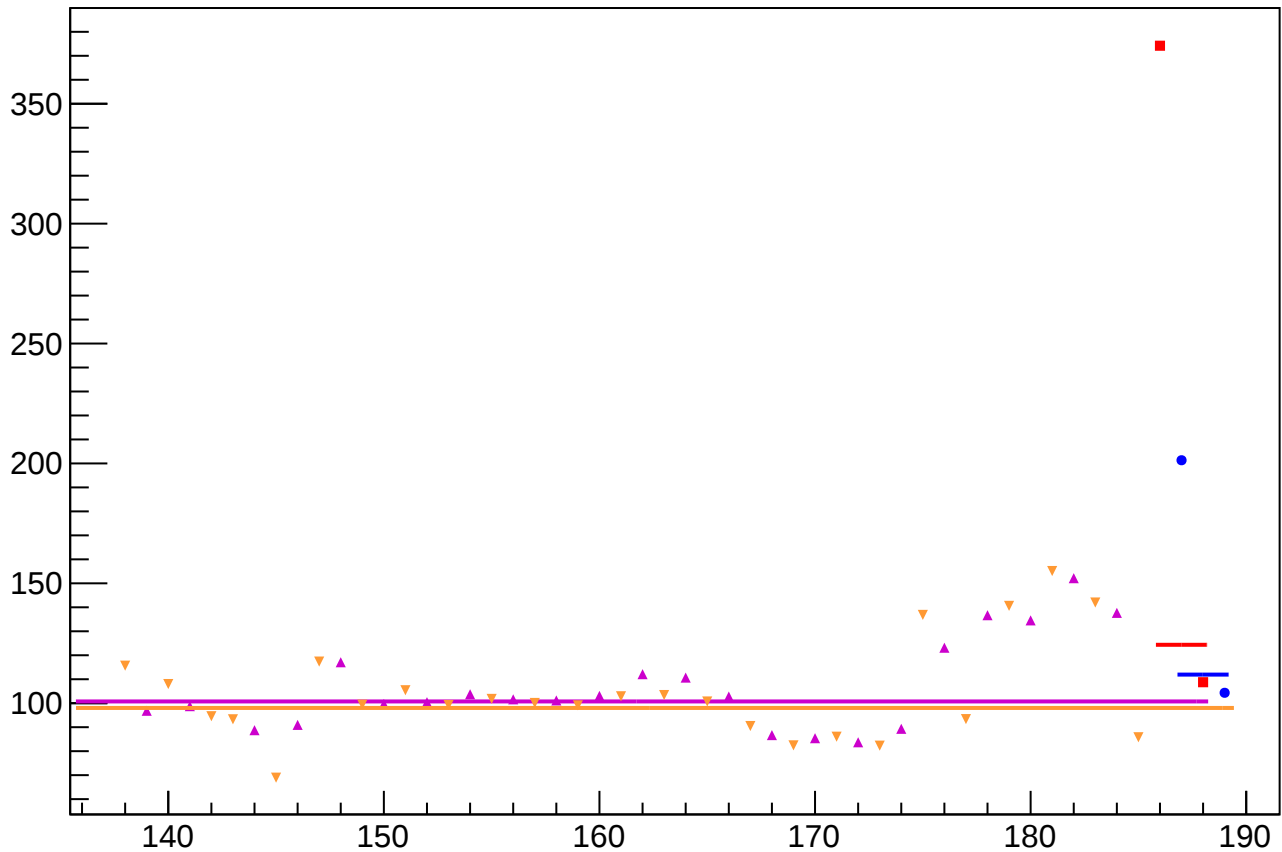
Left In: 12.180 $\pm$ 24.424 χ^2 /NDF:24.1/22

+ sign -11.730 $\pm$ 23.070 χ^2 /NDF: 36.4/26

All: -1.475 $\pm$ 16.668 χ^2 /NDF: 61.6/51

- sign 9.723 $\pm$ 24.109 χ^2 /NDF: 24.8/24

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 111.935 $\pm$ 0.104 χ^2 /NDF: 63032.5/1

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

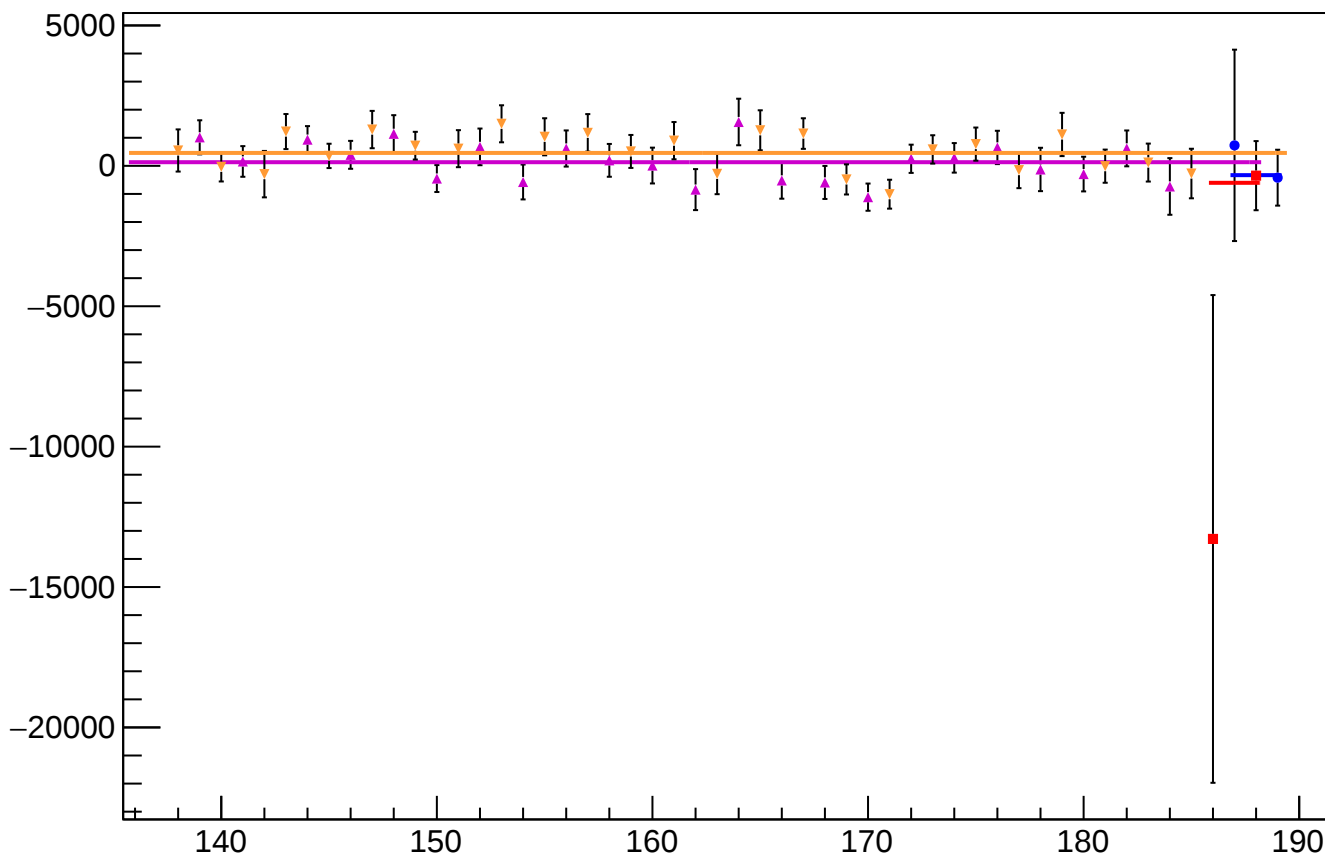
Left In: 100.743 $\pm$ 0.017 χ^2 /NDF:765132.3/22

+ sign 98.369 $\pm$ 0.016 χ^2 /NDF: 1236328.0/26

All: 99.793 $\pm$ 0.012 χ^2 /NDF: 2409689.7/51

- sign 101.349 $\pm$ 0.017 χ^2 /NDF: 1157414.4/24

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -330.999 ± 955.428 χ^2/NDF : 0.1/1

Left Out: 460.425 ± 121.966 χ^2/NDF : 28.8/24

Right Out: -604.132 ± 1218.907 χ^2/NDF : 2.2/1

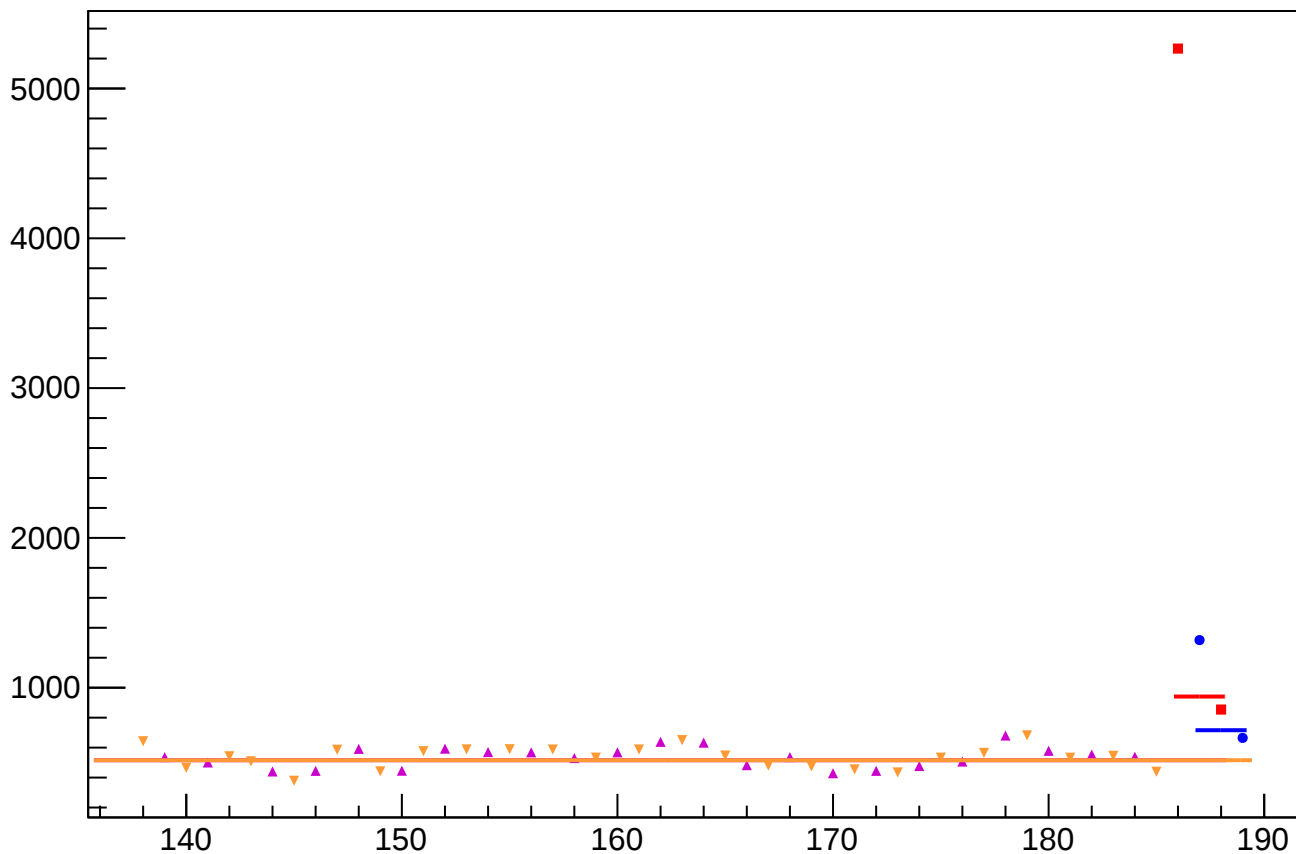
Left In: 129.944 ± 124.245 χ^2/NDF : 28.3/22

+ sign 447.735 ± 120.984 χ^2/NDF : 29.5/26

All: 288.550 ± 86.460 χ^2/NDF : 63.9/51

- sign 122.395 ± 123.605 χ^2/NDF : 30.8/24

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 716.149 $\pm$ 0.676 χ^2/NDF : 67664.8/1

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

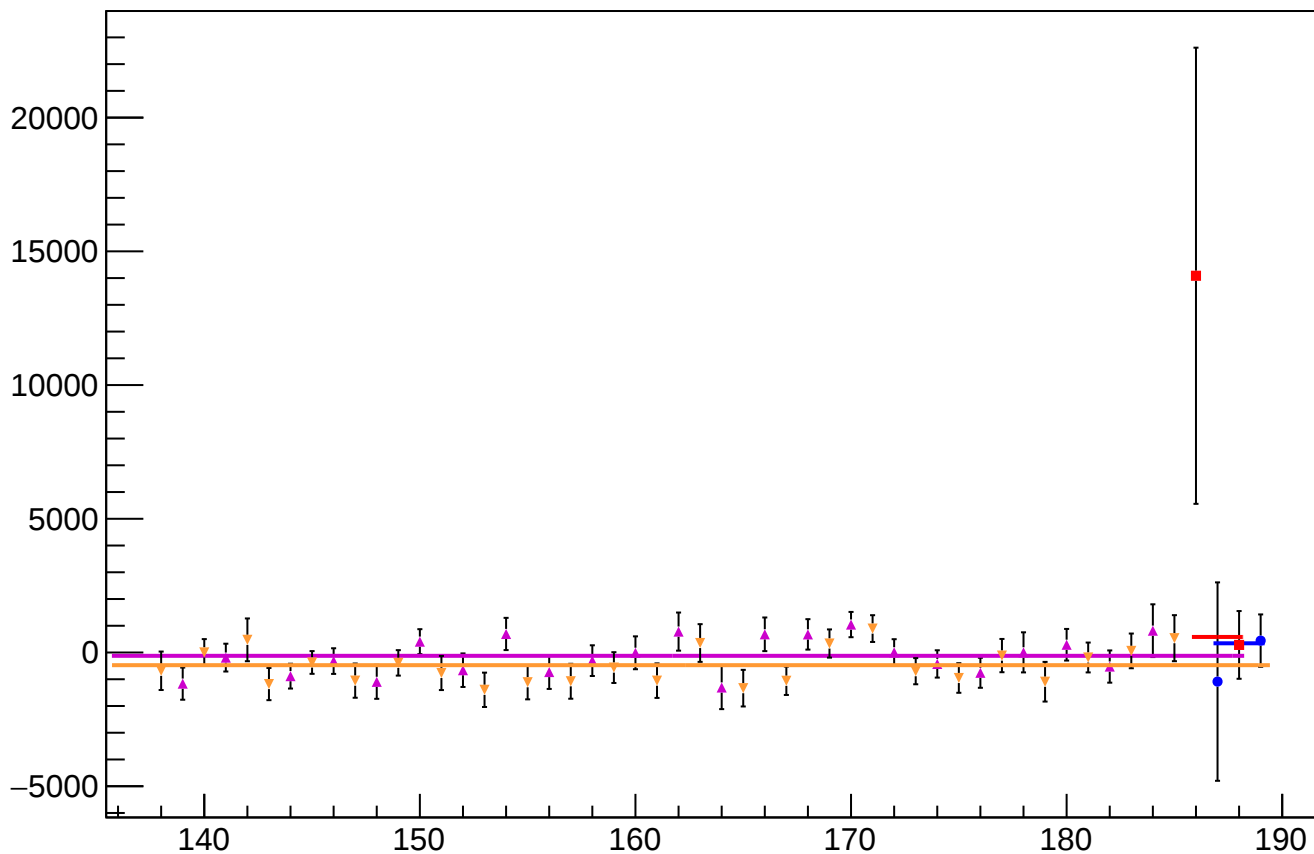
Left In: 516.102 $\pm$ 0.088 χ^2/NDF : 572973.7/22

+ sign 518.961 $\pm$ 0.086 χ^2/NDF : 913041.0/26

All: 519.700 $\pm$ 0.061 χ^2/NDF : 2232766.7/51

- sign 520.471 $\pm$ 0.087 χ^2/NDF : 1319573.2/24

asym_sam_26_48_dd_mean vs Slug



Right In: 344.326 ± 947.183 χ^2/NDF : 0.2/1

Left Out: -473.870 ± 117.977 χ^2/NDF : 27.9/24

Right Out: 581.624 ± 1252.757 χ^2/NDF : 2.6/1

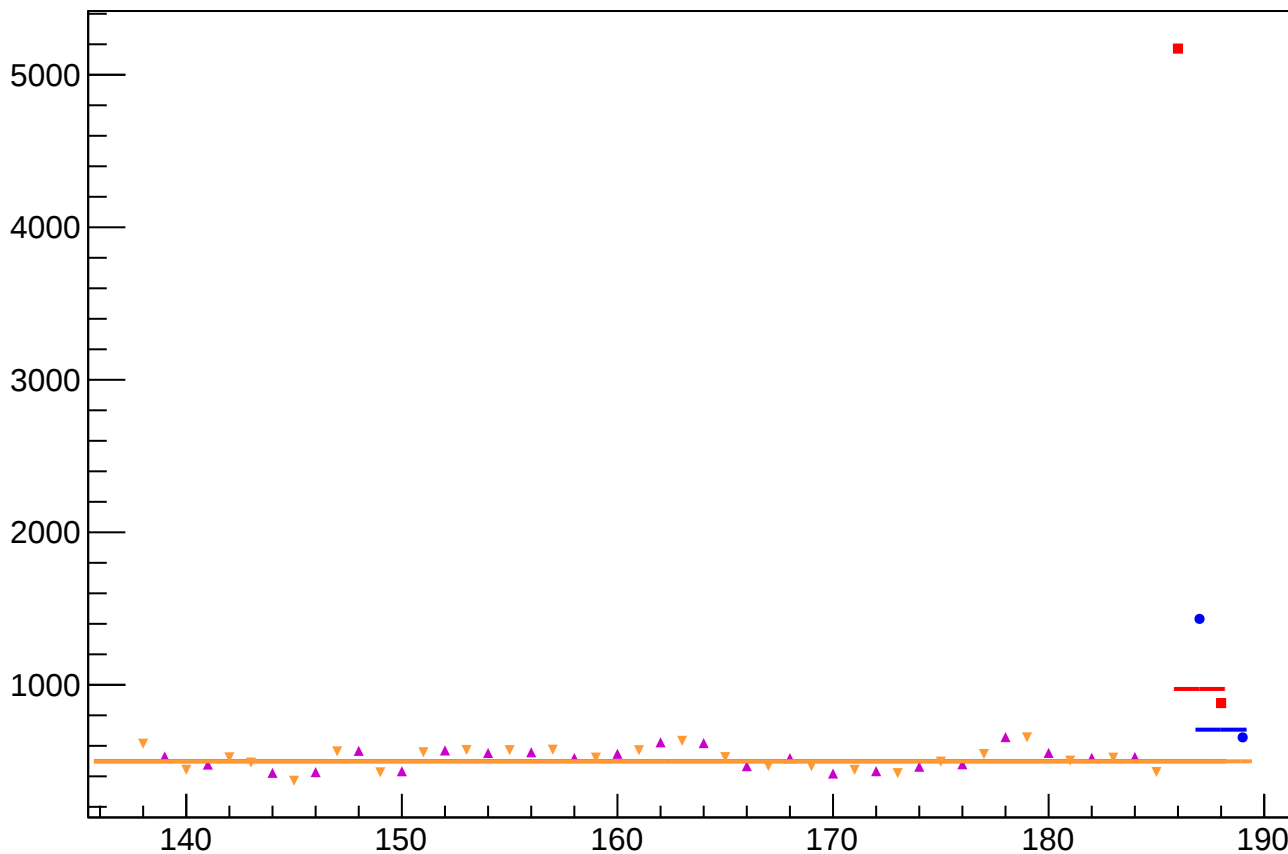
Left In: -124.022 ± 120.216 χ^2/NDF : 30.2/22

+ sign -461.371 ± 117.072 χ^2/NDF : 28.8/26

All: -293.243 ± 83.685 χ^2/NDF : 66.1/51

- sign -117.583 ± 119.666 χ^2/NDF : 33.1/24

asym_sam_26_48_dd_rms vs Slug



Right In: 706.045 $\pm$ 0.670 χ^2 /NDF: 82030.2/1

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

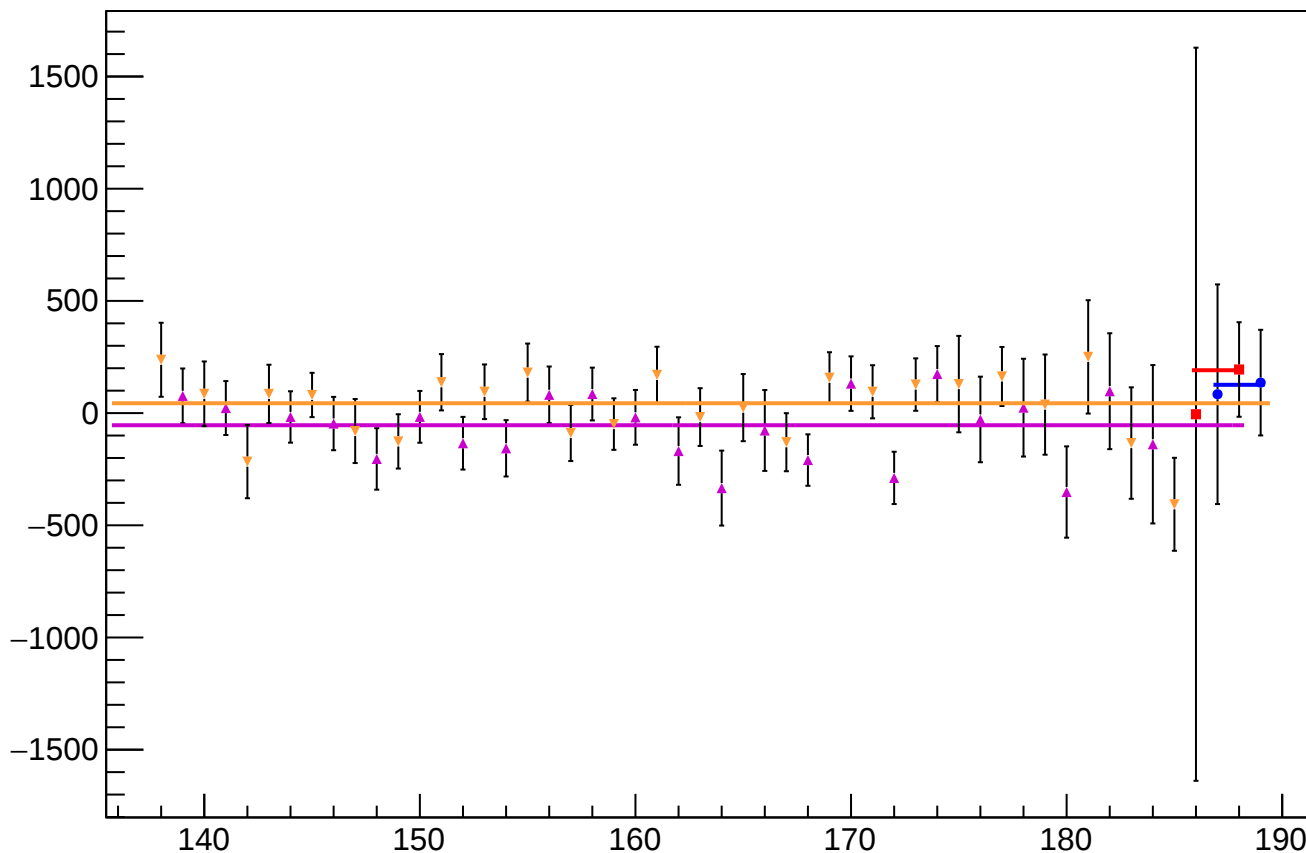
Left In: 498.835 $\pm$ 0.085 χ^2 /NDF: 572334.3/22

+ sign 501.831 $\pm$ 0.083 χ^2 /NDF: 911093.6/26

All: 502.481 $\pm$ 0.059 χ^2 /NDF: 2262897.3/51

- sign 503.161 $\pm$ 0.085 χ^2 /NDF: 1351677.3/24

dit_asym_sam_1548_avg_mean vs Slug



Right In: 126.103 $\pm$ 212.153 χ^2 /NDF: 0.0/1

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

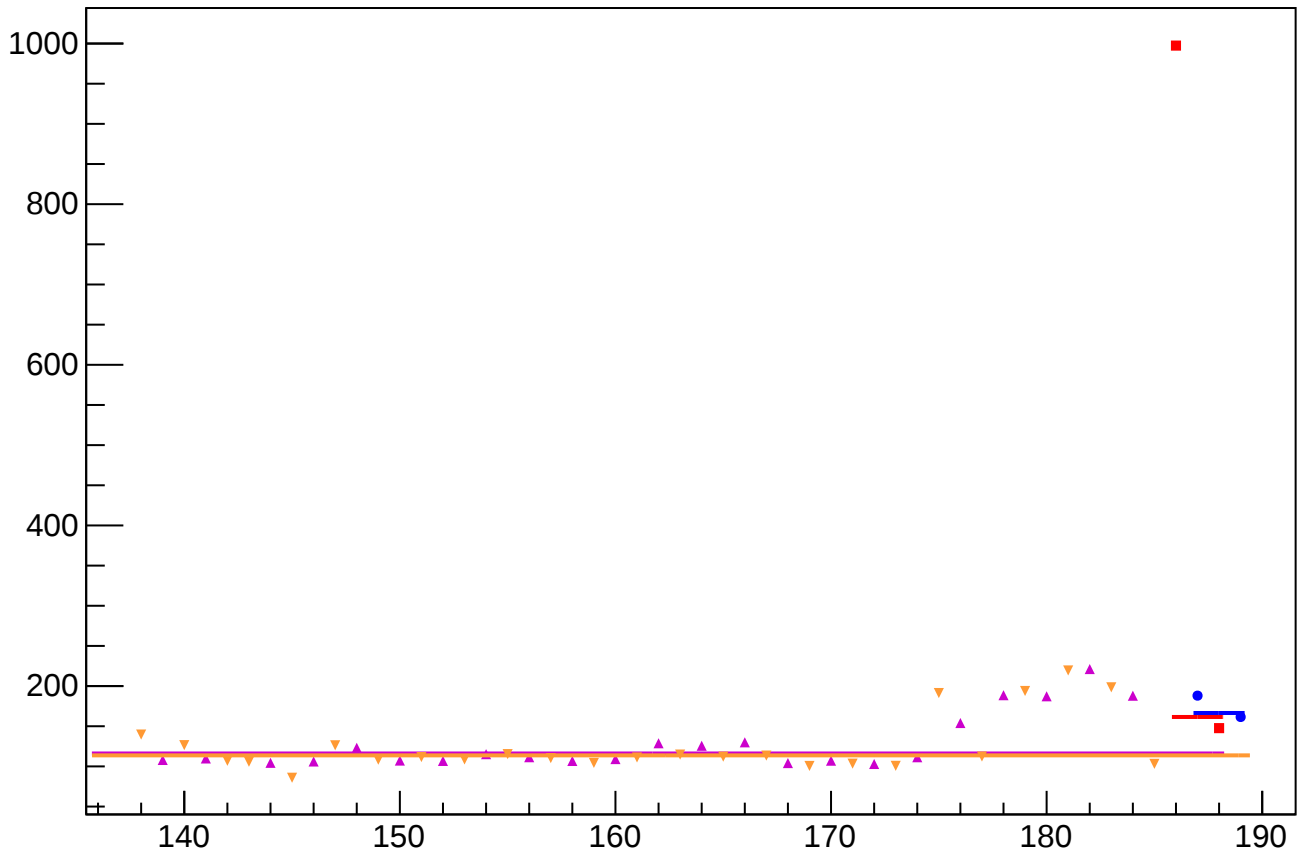
Left In: -54.074 $\pm$ 28.411 χ^2 /NDF:24.4/22

+ sign 45.287 $\pm$ 27.121 χ^2 /NDF: 22.4/26

All: -0.399 $\pm$ 19.531 χ^2 /NDF: 54.1/51

- sign -49.623 $\pm$ 28.152 χ^2 /NDF: 25.8/24

dit_asym_sam_1548_avg_rms vs Slug



Right In: 166.504 $\pm$ 0.150 χ^2 /NDF: 4789.2/1

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

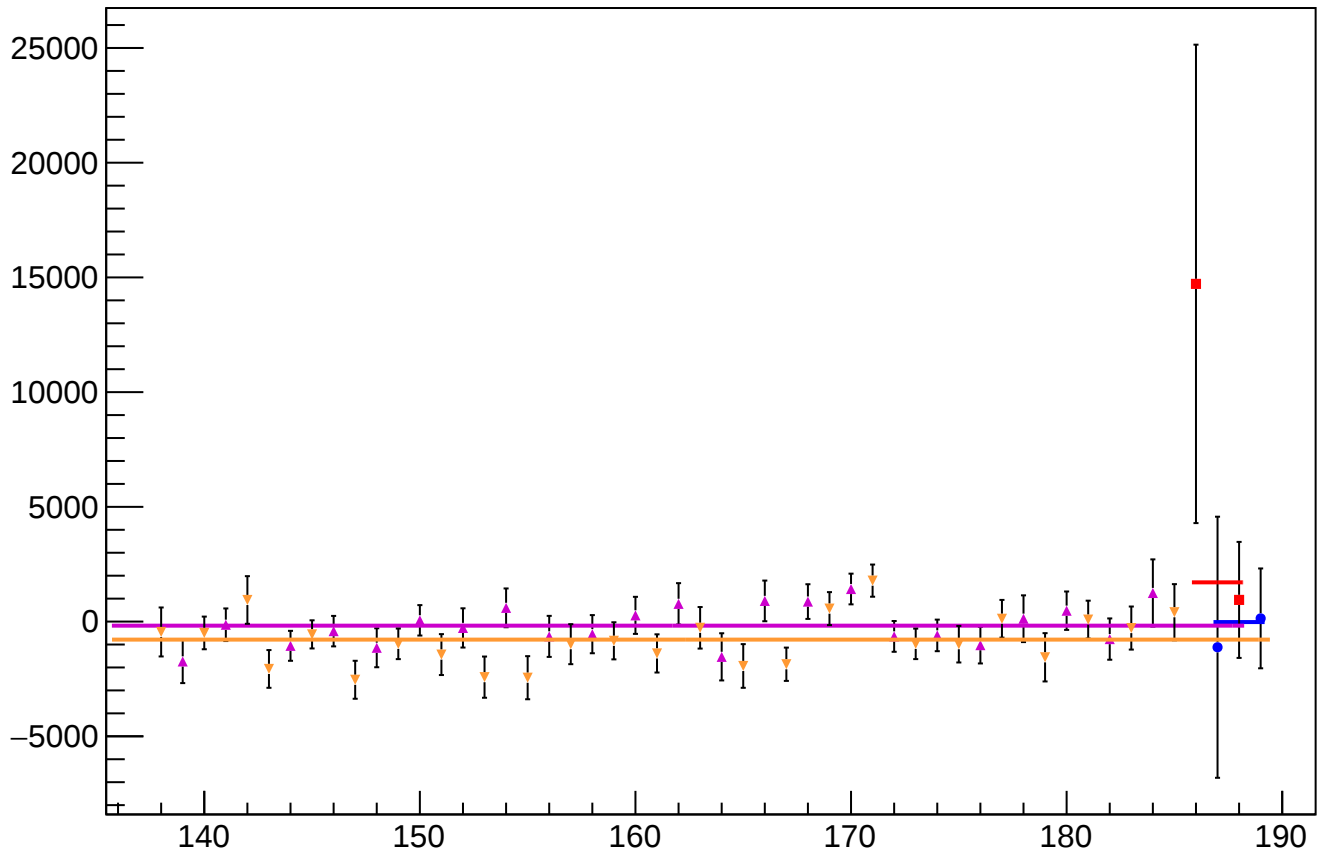
Left In: 116.086 $\pm$ 0.020 χ^2 /NDF: 1153706.1/22

+ sign 114.599 $\pm$ 0.019 χ^2 /NDF: 1575493.6/26

All: 115.712 $\pm$ 0.014 χ^2 /NDF: 3361518.7/51

- sign 116.912 $\pm$ 0.020 χ^2 /NDF: 1779027.9/24

asym_sam_1548_avg_correction_mean vs Slug



Right In: -21.250 ± 2032.365 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -786.017 ± 163.870 $\chi^2/\text{NDF}: 42.9/24$

Right Out: 1709.516 ± 2456.916 $\chi^2/\text{NDF}: 1.6/1$

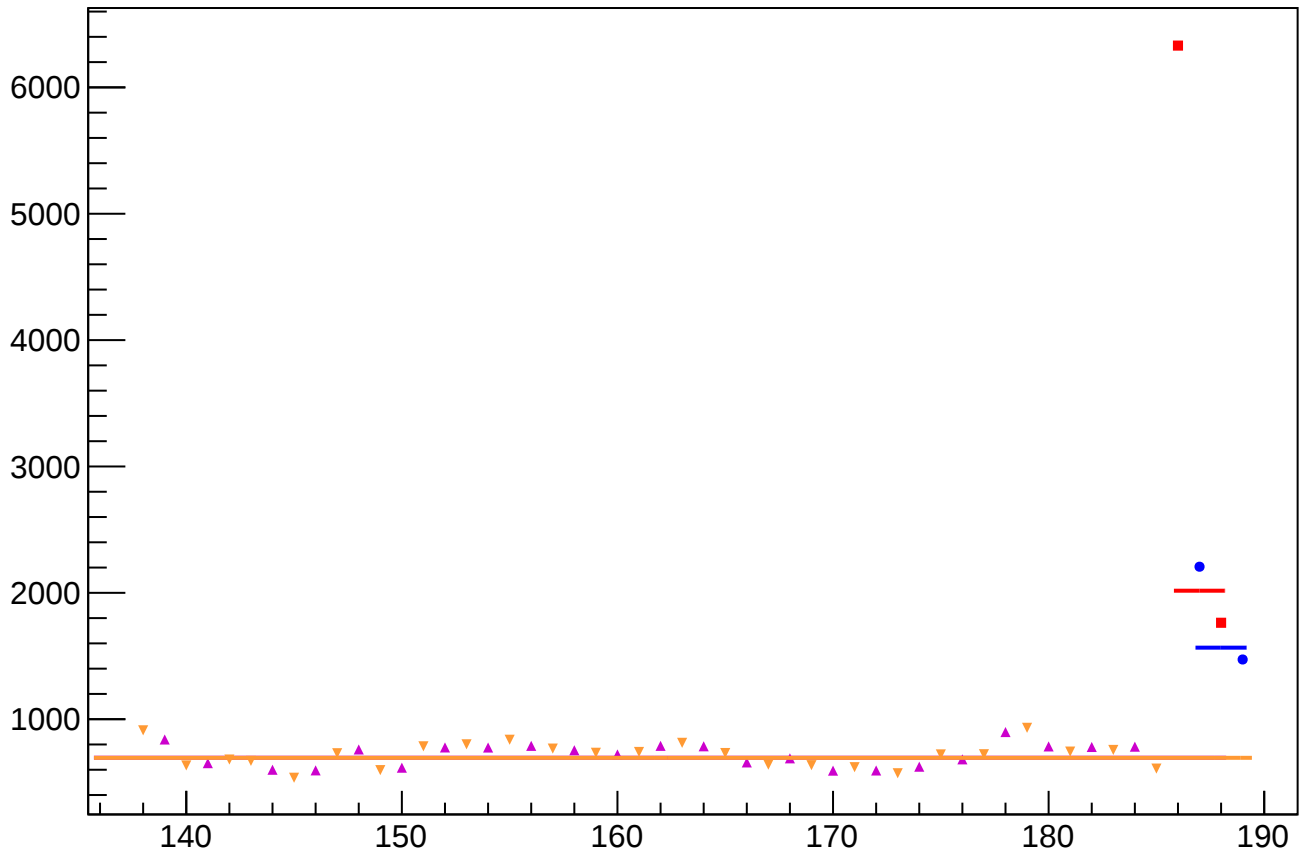
Left In: -178.145 ± 167.125 $\chi^2/\text{NDF}: 23.8/22$

+ sign -781.077 ± 163.340 $\chi^2/\text{NDF}: 43.1/26$

All: -481.564 ± 116.682 $\chi^2/\text{NDF}: 75.9/51$

- sign -169.451 ± 166.740 $\chi^2/\text{NDF}: 26.0/24$

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1566.213+/-1.437 χ^2/NDF : 29050.9/1

Left Out: 694.374+/-0.116 χ^2/NDF : 682913.3/24

Right Out: 2016.853+/-1.737 χ^2/NDF : 362520.5/1

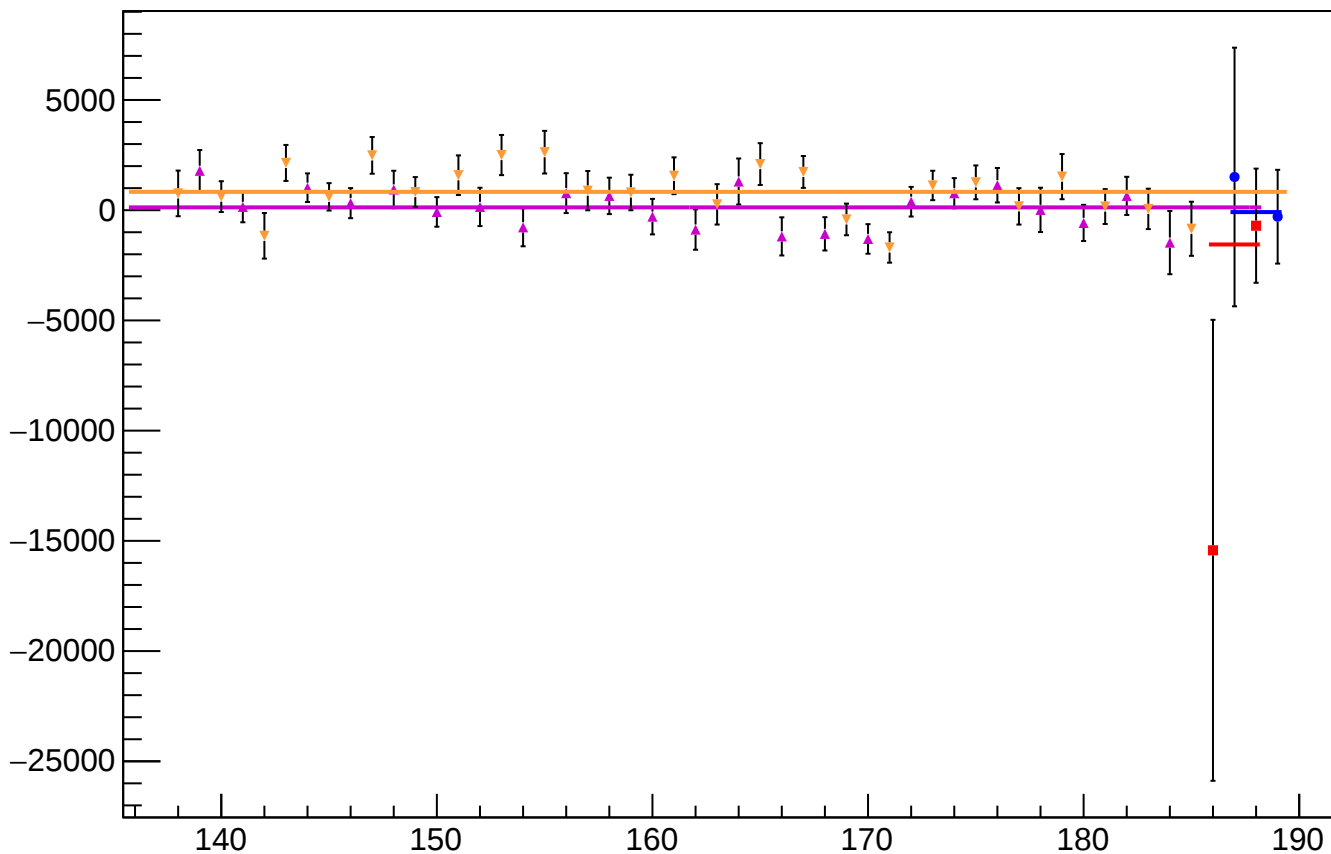
Left In: 695.132+/-0.118 χ^2/NDF : 534747.1/22

+ sign 700.005+/-0.115 χ^2/NDF : 1077630.7/26

All: 700.600+/-0.083 χ^2/NDF : 2551086.8/51

- sign 701.220+/-0.118 χ^2/NDF : 1473401.9/24

asym_sam_1548_avg_mean vs Slug



Right In: -86.056 ± 1999.529 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 832.553 ± 163.428 $\chi^2/\text{NDF}: 43.8/24$

Right Out: -1554.375 ± 2513.346 $\chi^2/\text{NDF}: 1.9/1$

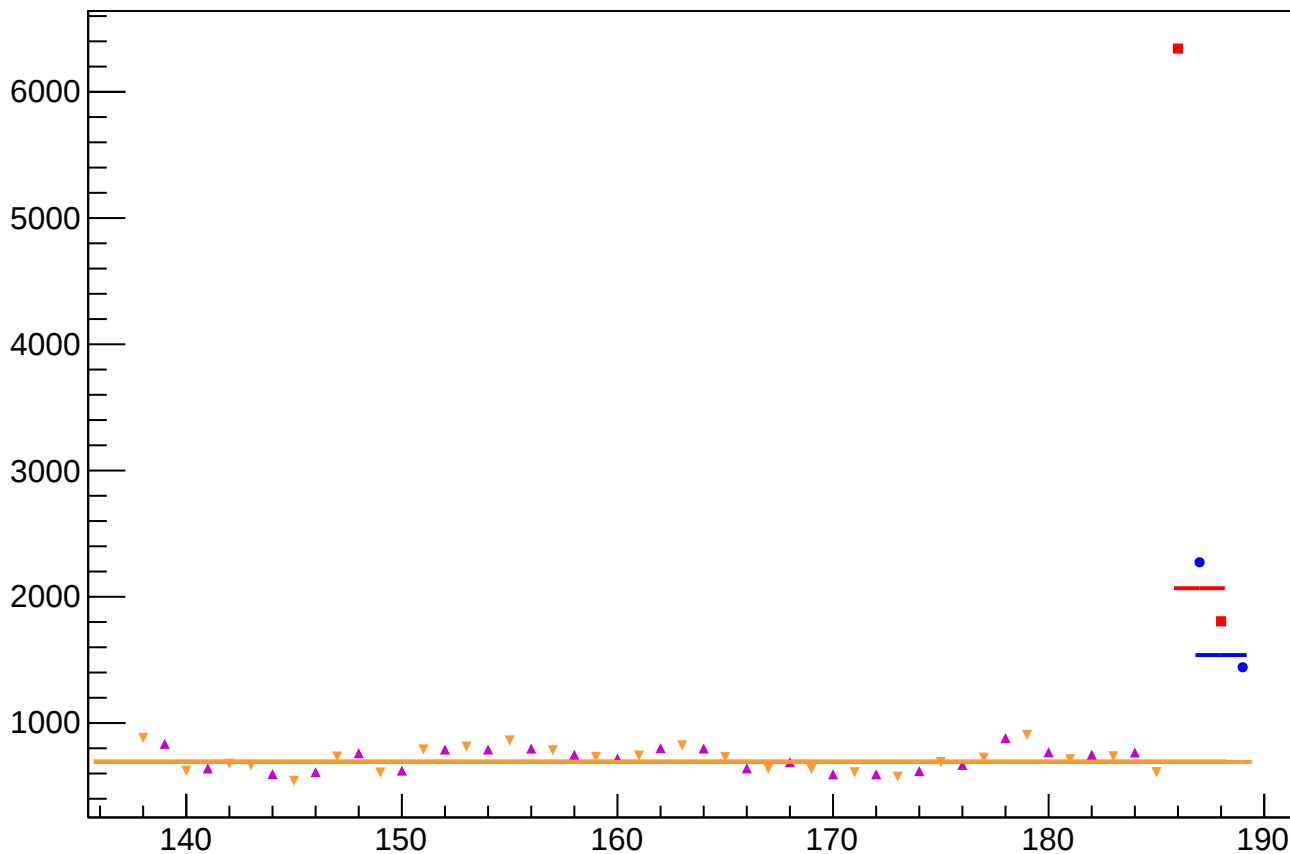
Left In: 128.120 ± 166.866 $\chi^2/\text{NDF}: 25.3/22$

+ sign 826.457 ± 162.885 $\chi^2/\text{NDF}: 44.1/26$

All: 481.339 ± 116.434 $\chi^2/\text{NDF}: 80.9/51$

- sign 120.736 ± 166.499 $\chi^2/\text{NDF}: 27.6/24$

asym_sam_1548_avg_rms vs Slug



Right In: 1538.277 $\pm$ 1.414 χ^2/NDF : 35542.6/1

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

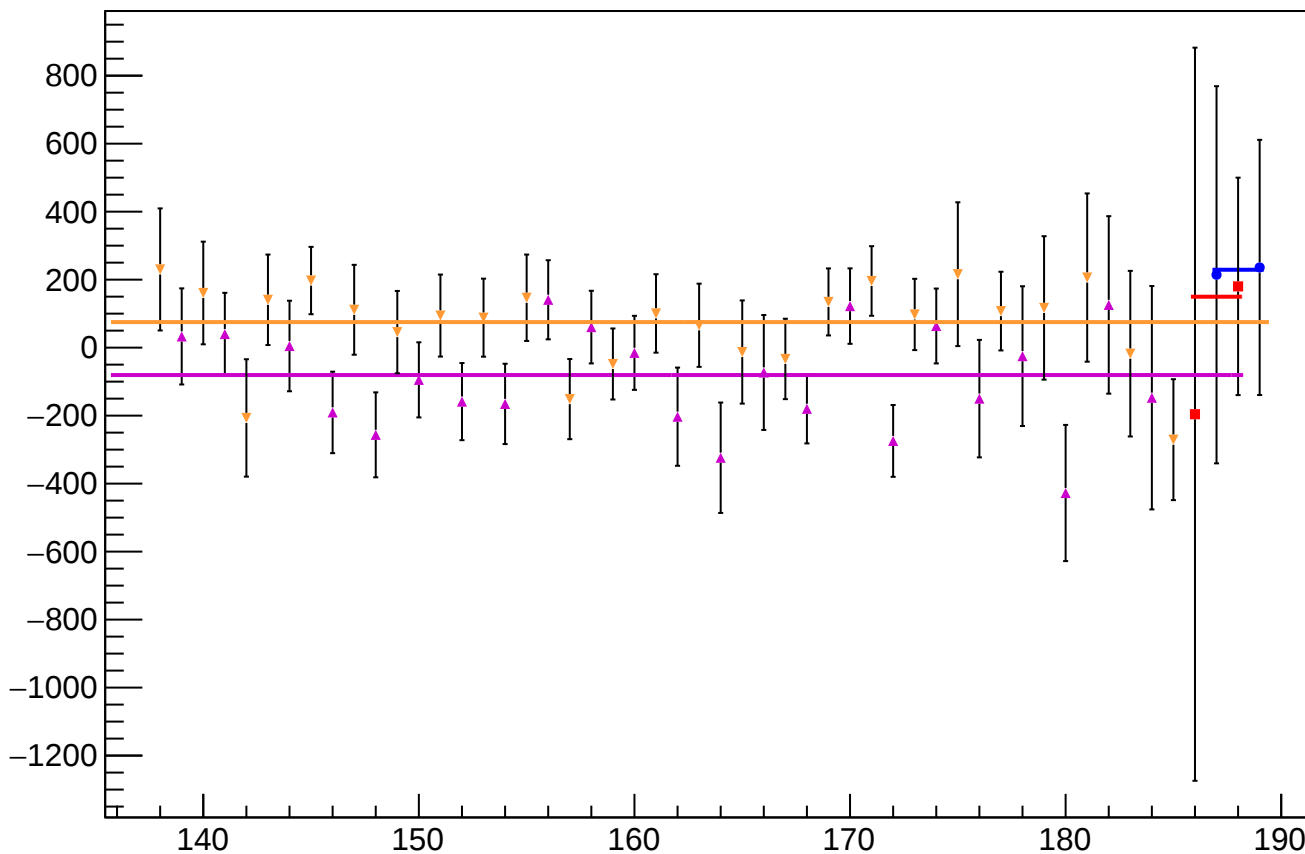
Left In: 693.615 $\pm$ 0.118 χ^2/NDF : 520692.6/22

+ sign 697.686 $\pm$ 0.115 χ^2/NDF : 1049003.7/26

All: 698.645 $\pm$ 0.082 χ^2/NDF : 2519918.2/51

- sign 699.646 $\pm$ 0.118 χ^2/NDF : 1470772.8/24

dit_asym_sam_3748_avg_mean vs Slug



Right In: 229.128+/-310.856 χ^2/NDF : 0.0/1

Left Out: 75.160+/-25.879 χ^2/NDF :18.9/24

Right Out: 149.780+/-306.600 χ^2/NDF : 0.1/1

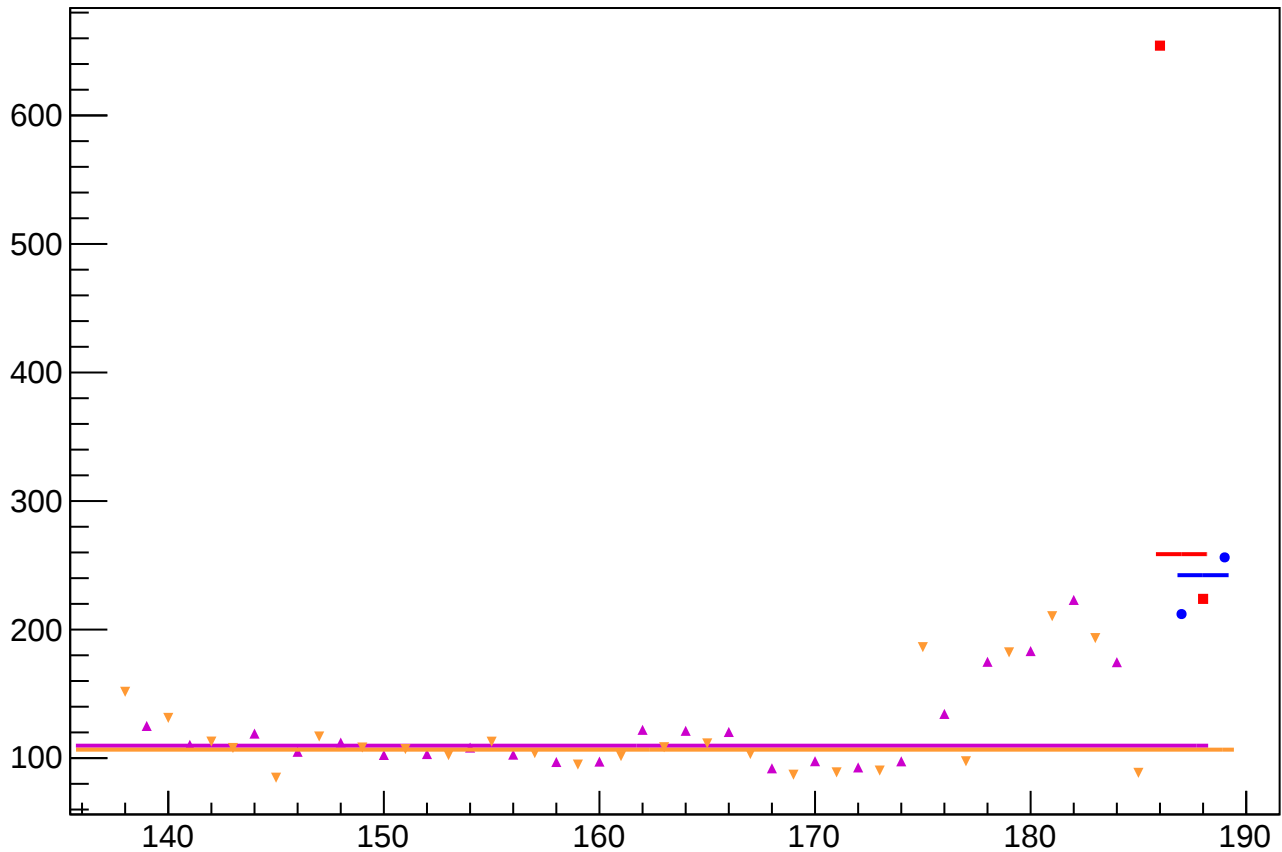
Left In: -80.580+/-27.098 χ^2/NDF :27.8/22

+ sign 76.220+/-25.789 χ^2/NDF : 19.1/26

All: 2.246+/-18.647 χ^2/NDF : 64.9/51

- sign -78.794+/-26.993 χ^2/NDF : 28.5/24

dit_asym_sam_3748_avg_rms vs Slug



Right In: 242.323+/-0.220 χ^2/NDF : 8667.5/1

Left Out: 106.584+/-0.018 χ^2/NDF : 1699202.1/24

Right Out: 258.684+/-0.217 χ^2/NDF : 292901.0/1

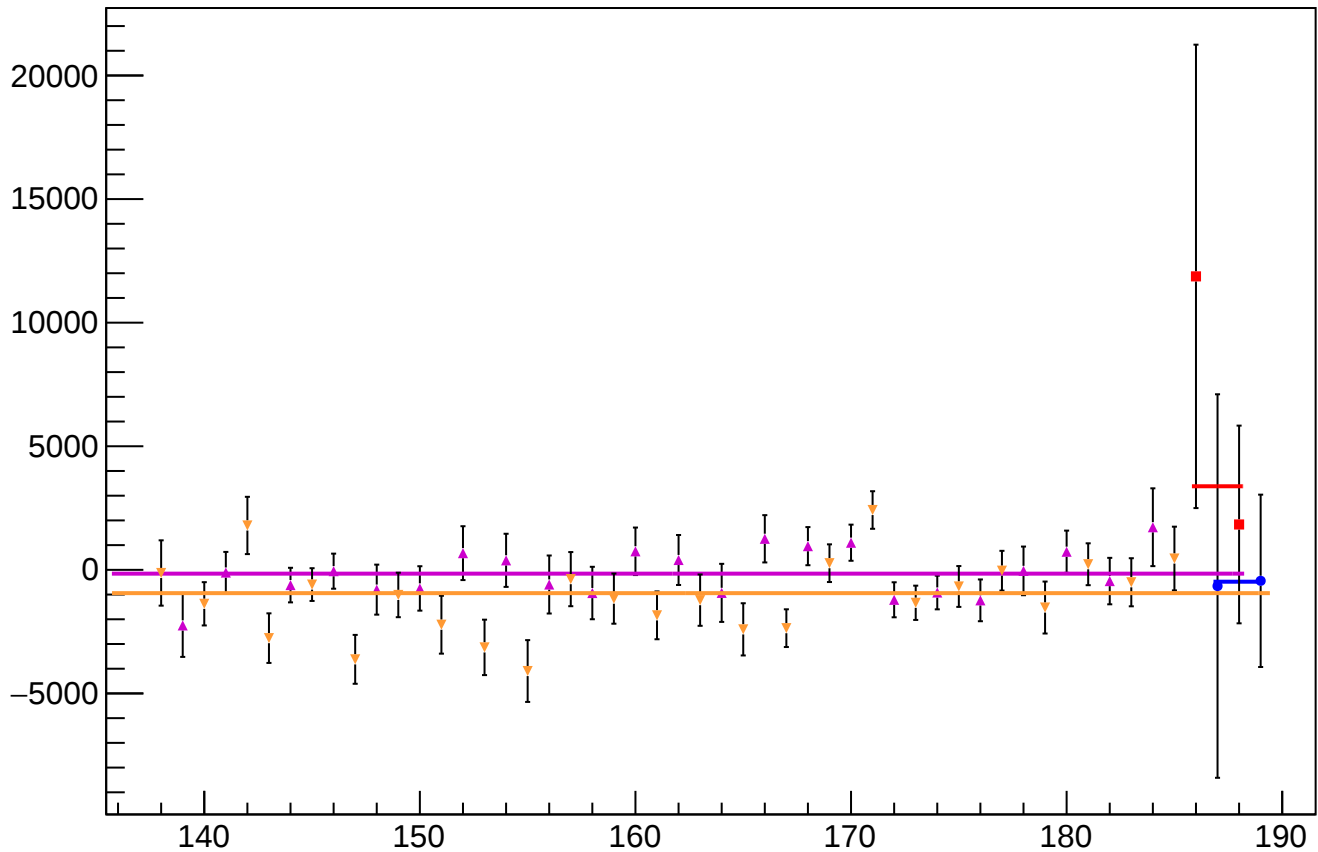
Left In: 109.672+/-0.019 χ^2/NDF : 1274240.2/22

+ sign 107.518+/-0.018 χ^2/NDF : 2086591.4/26

All: 109.097+/-0.013 χ^2/NDF : 4138202.1/51

- sign 110.827+/-0.019 χ^2/NDF : 2035899.1/24

asym_sam_3748_avg_correction_mean vs Slug



Right In: -479.685 ± 3180.128 χ^2/NDF : 0.0/1

Left Out: -942.636 ± 184.948 χ^2/NDF : 62.5/24

Right Out: 3381.171 ± 3678.573 χ^2/NDF : 1.0/1

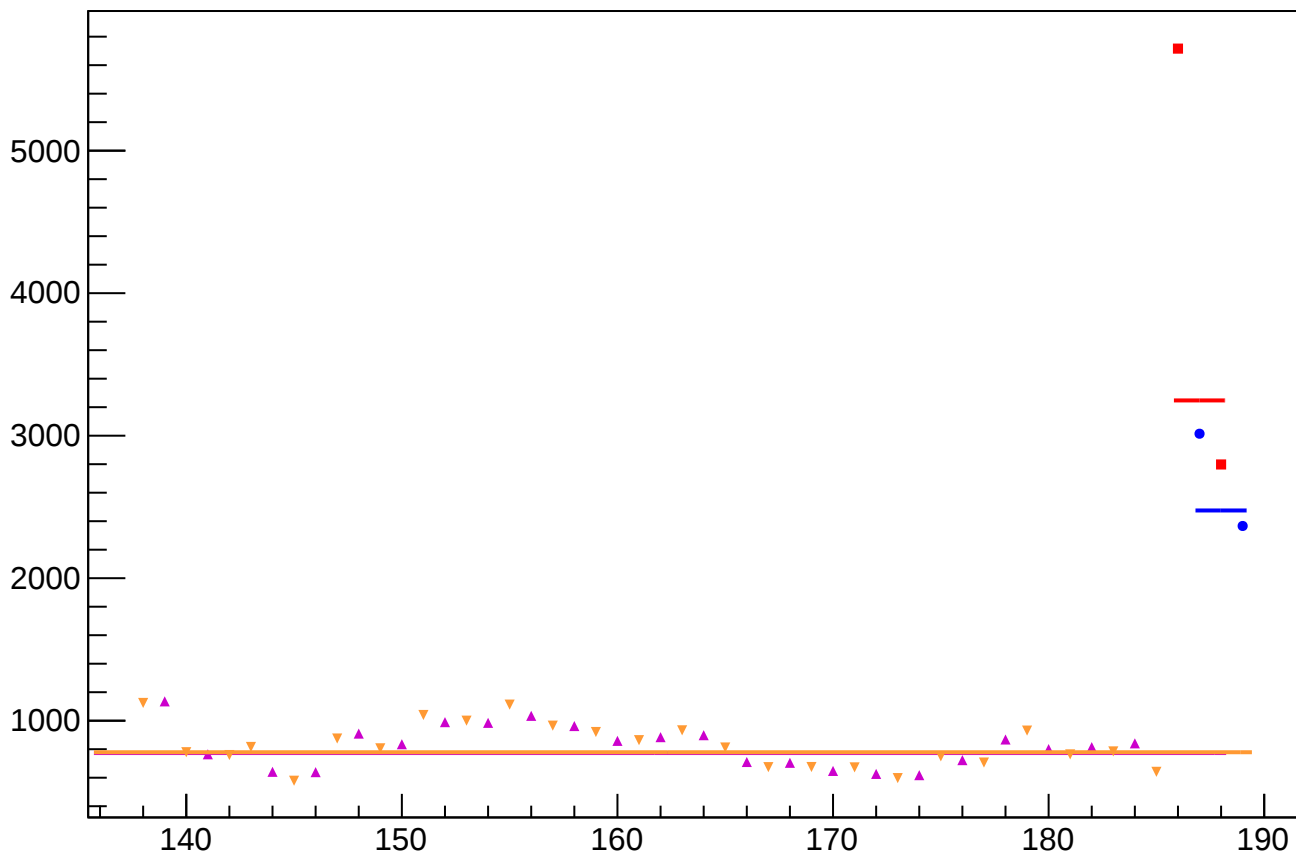
Left In: -153.898 ± 187.179 χ^2/NDF : 22.1/22

+ sign -941.075 ± 184.636 χ^2/NDF : 62.5/26

All: -547.853 ± 131.363 χ^2/NDF : 95.7/51

- sign -144.768 ± 186.937 χ^2/NDF : 24.0/24

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2475.266+/-2.249 χ^2/NDF : 11586.7/1

Left Out: 778.776+/-0.131 χ^2/NDF : 1157041.1/24

Right Out: 3247.445+/-2.601 χ^2/NDF : 163954.4/1

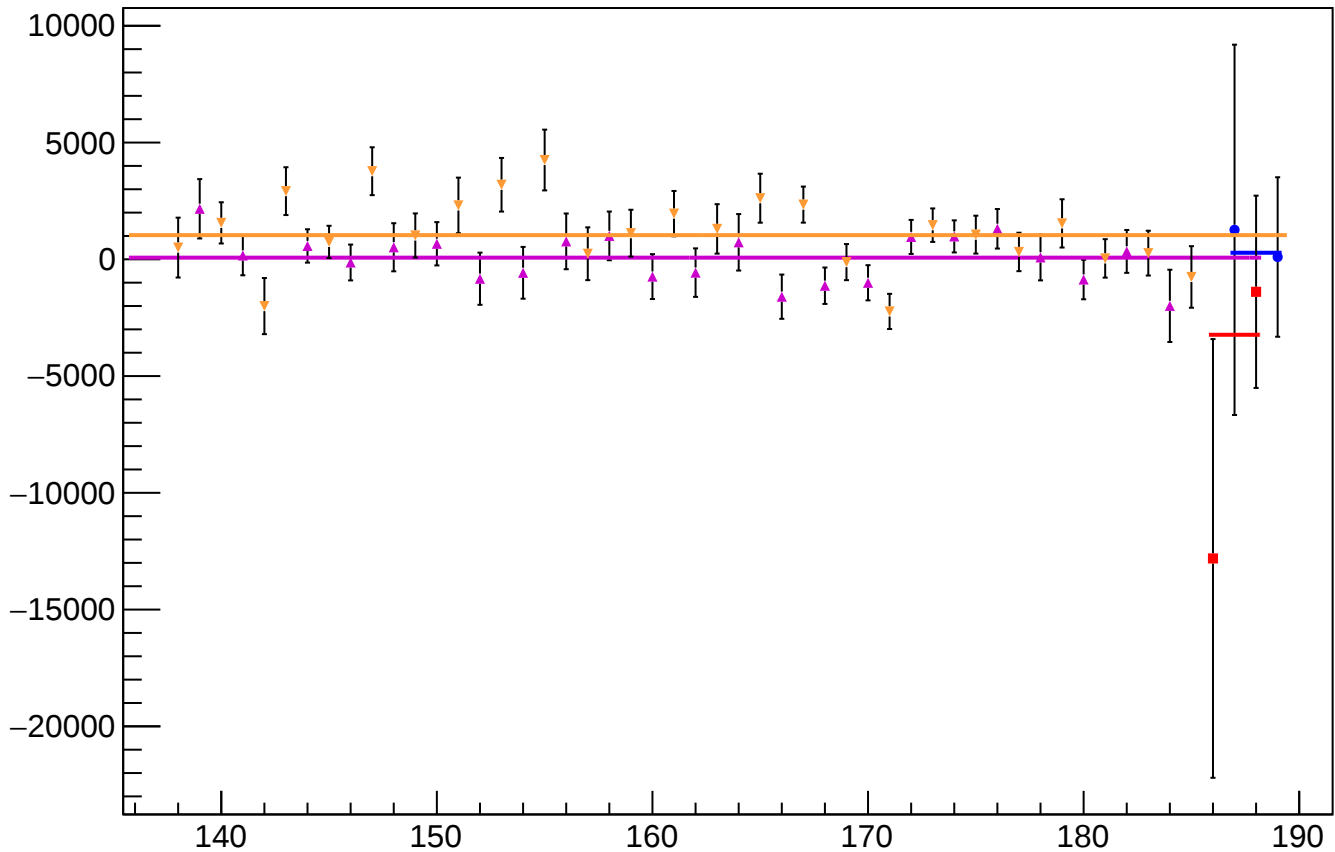
Left In: 773.111+/-0.132 χ^2/NDF : 1041042.3/22

+ sign 784.494+/-0.131 χ^2/NDF : 1735880.9/26

All: 782.029+/-0.093 χ^2/NDF : 3844136.5/51

- sign 779.501+/-0.132 χ^2/NDF : 2107533.2/24

asym_sam_3748_avg_mean vs Slug



Right In: 281.028 ± 3136.701 χ^2/NDF : 0.0/1

Left Out: 1035.605 ± 187.244 χ^2/NDF : 61.4/24

Right Out: -3231.481 ± 3770.928 χ^2/NDF : 1.2/1

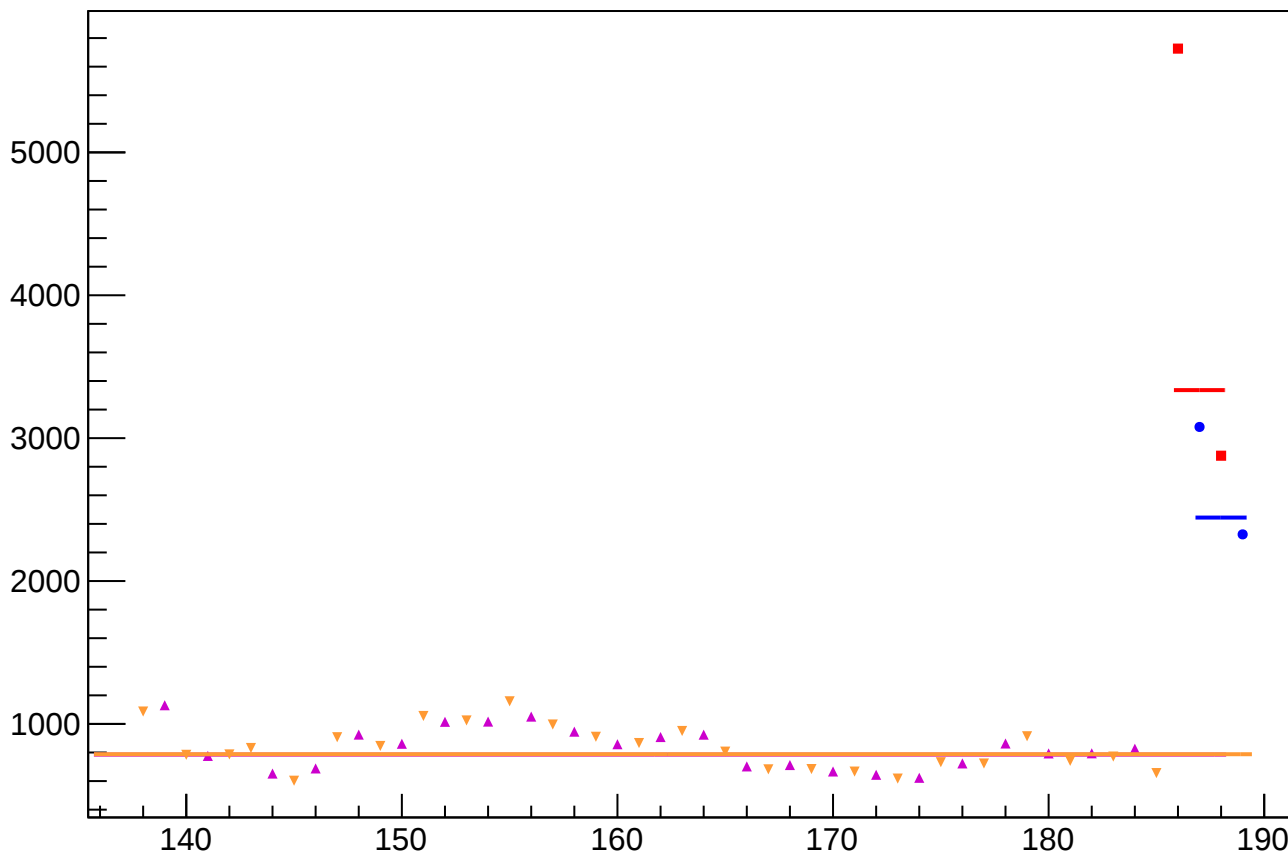
Left In: 70.852 ± 190.155 χ^2/NDF : 23.4/22

+ sign 1032.925 ± 186.911 χ^2/NDF : 61.4/26

All: 555.434 ± 133.215 χ^2/NDF : 100.1/51

- sign 62.475 ± 189.914 χ^2/NDF : 25.4/24

asym_sam_3748_avg_rms vs Slug



Right In: 2444.230+/-2.218 χ^2/NDF : 15169.7/1

Left Out: 787.981+/-0.132 χ^2/NDF : 1113986.0/24

Right Out: 3336.239+/-2.666 χ^2/NDF : 154331.2/1

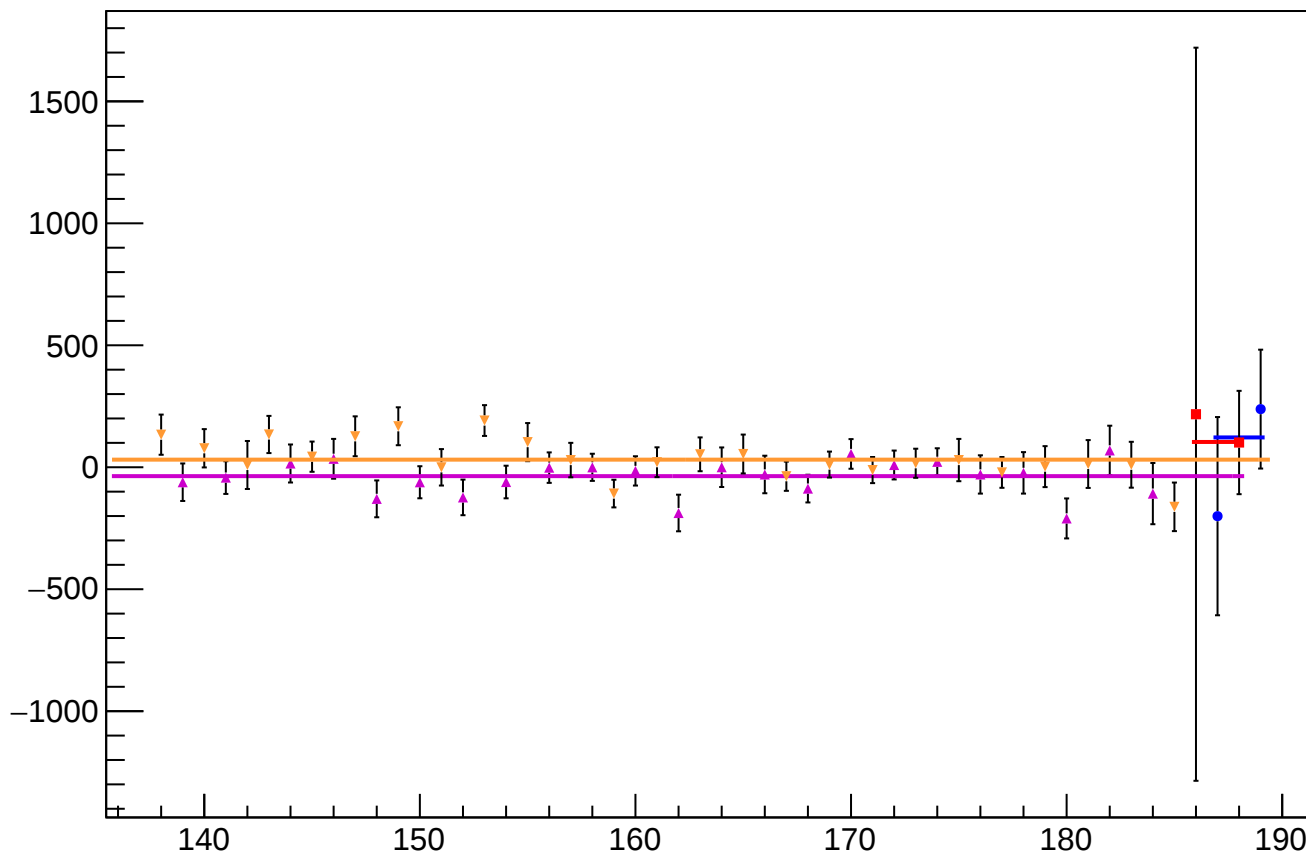
Left In: 785.179+/-0.134 χ^2/NDF : 976942.0/22

+ sign 793.862+/-0.132 χ^2/NDF : 1684791.4/26

All: 792.773+/-0.094 χ^2/NDF : 3729205.0/51

- sign 791.649+/-0.134 χ^2/NDF : 2044275.6/24

dit_asym_sam_1526_avg_mean vs Slug



Right In: 122.261 $\pm$ 208.964 χ^2 /NDF: 0.9/1

Left Out: 31.190 $\pm$ 14.134 χ^2 /NDF:28.8/24

Right Out: 103.674 $\pm$ 209.733 χ^2 /NDF: 0.0/1

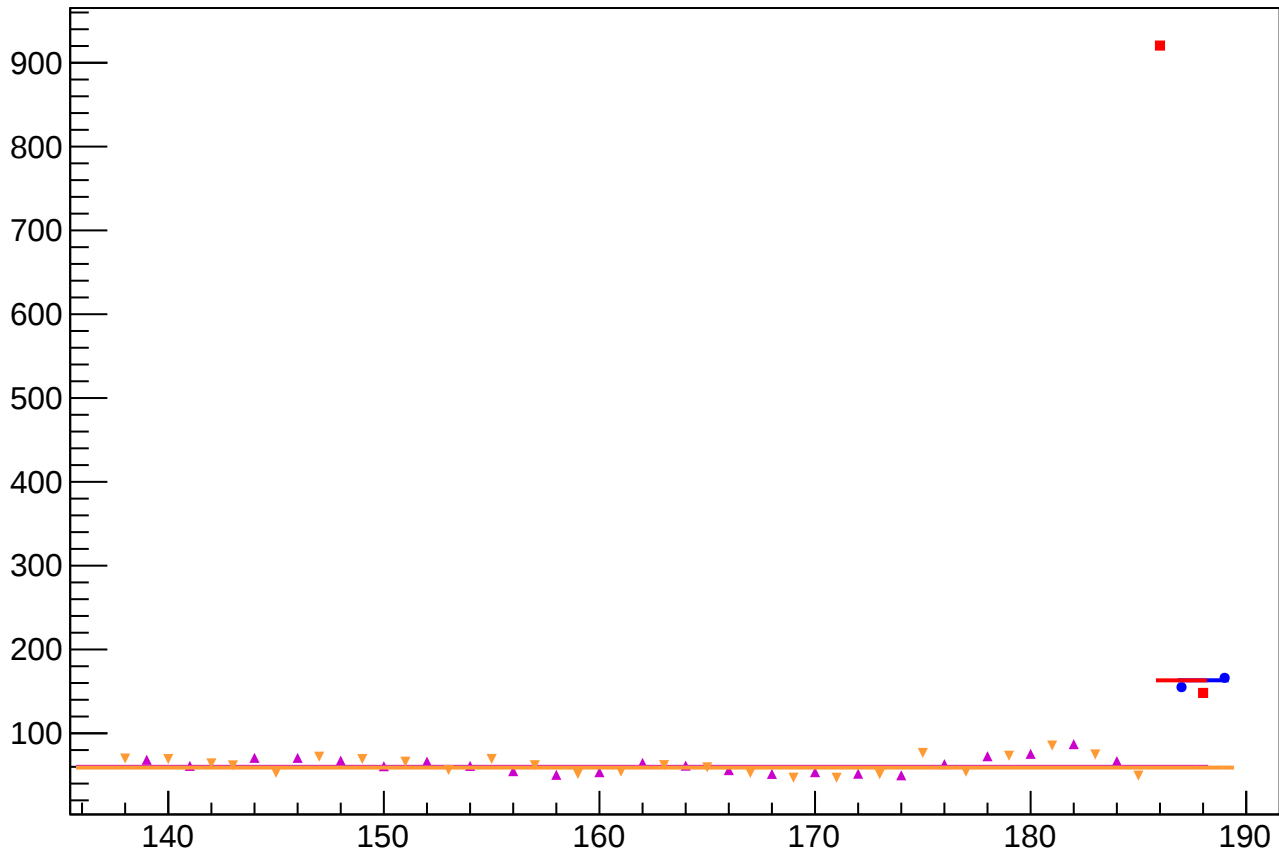
Left In: -36.408 $\pm$ 14.614 χ^2 /NDF:20.4/22

+ sign 31.605 $\pm$ 14.102 χ^2 /NDF: 29.8/26

All: -0.942 $\pm$ 10.136 χ^2 /NDF: 61.7/51

- sign -35.731 $\pm$ 14.579 χ^2 /NDF: 20.8/24

dit_asym_sam_1526_avg_rms vs Slug



Right In: 163.235 $\pm$ 0.148 χ^2 /NDF: 1106.3/1

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

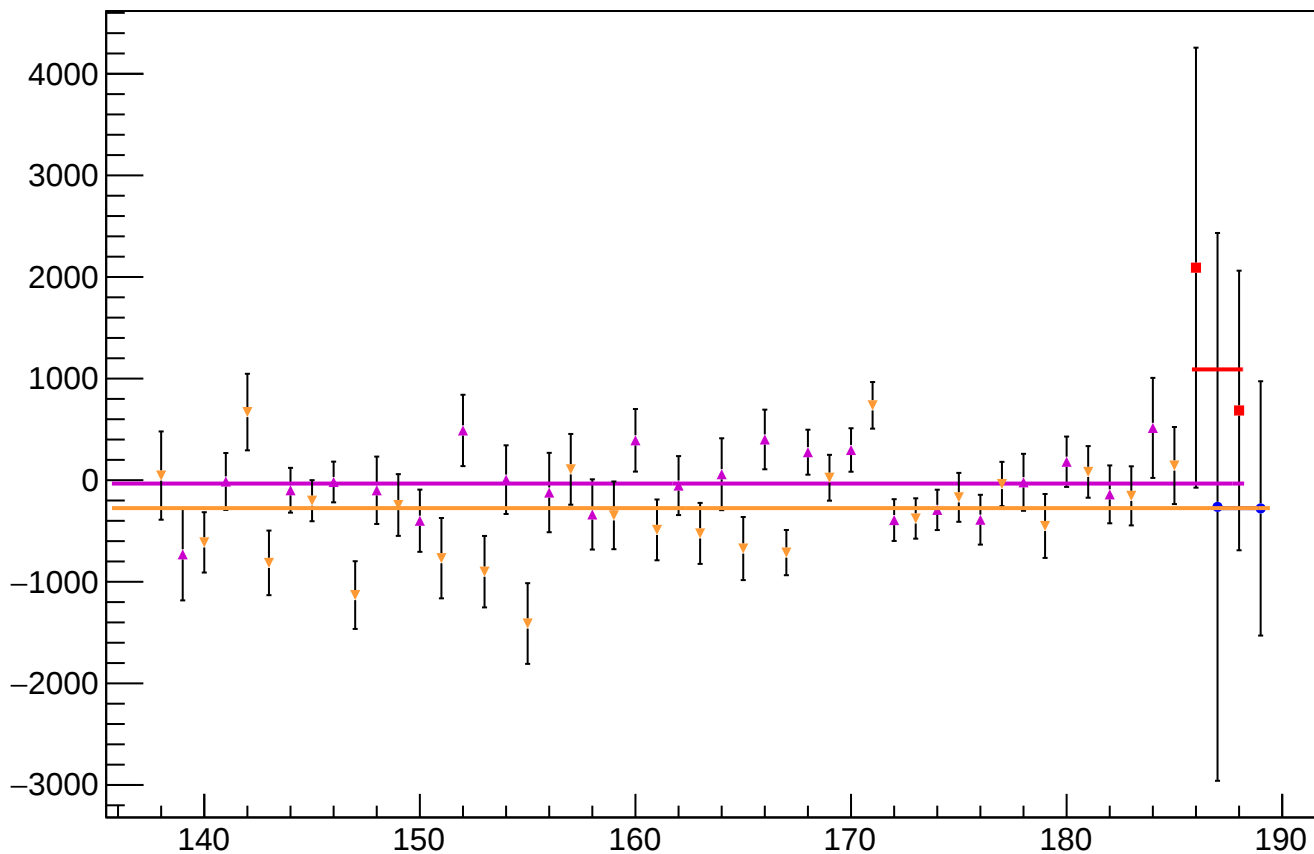
Left In: 59.978 $\pm$ 0.010 χ^2 /NDF: 677833.4/22

+ sign 59.581 $\pm$ 0.010 χ^2 /NDF: 1417080.3/26

All: 60.014 $\pm$ 0.007 χ^2 /NDF: 3098863.5/51

- sign 60.476 $\pm$ 0.010 χ^2 /NDF: 1677883.9/24

asym_sam_1526_avg_correction_mean vs Slug



Right In: -275.140 ± 1135.255 χ^2/NDF : 0.0/1

Left Out: -274.844 ± 56.307 χ^2/NDF : 65.1/24

Right Out: 1090.431 ± 1161.385 χ^2/NDF : 0.3/1

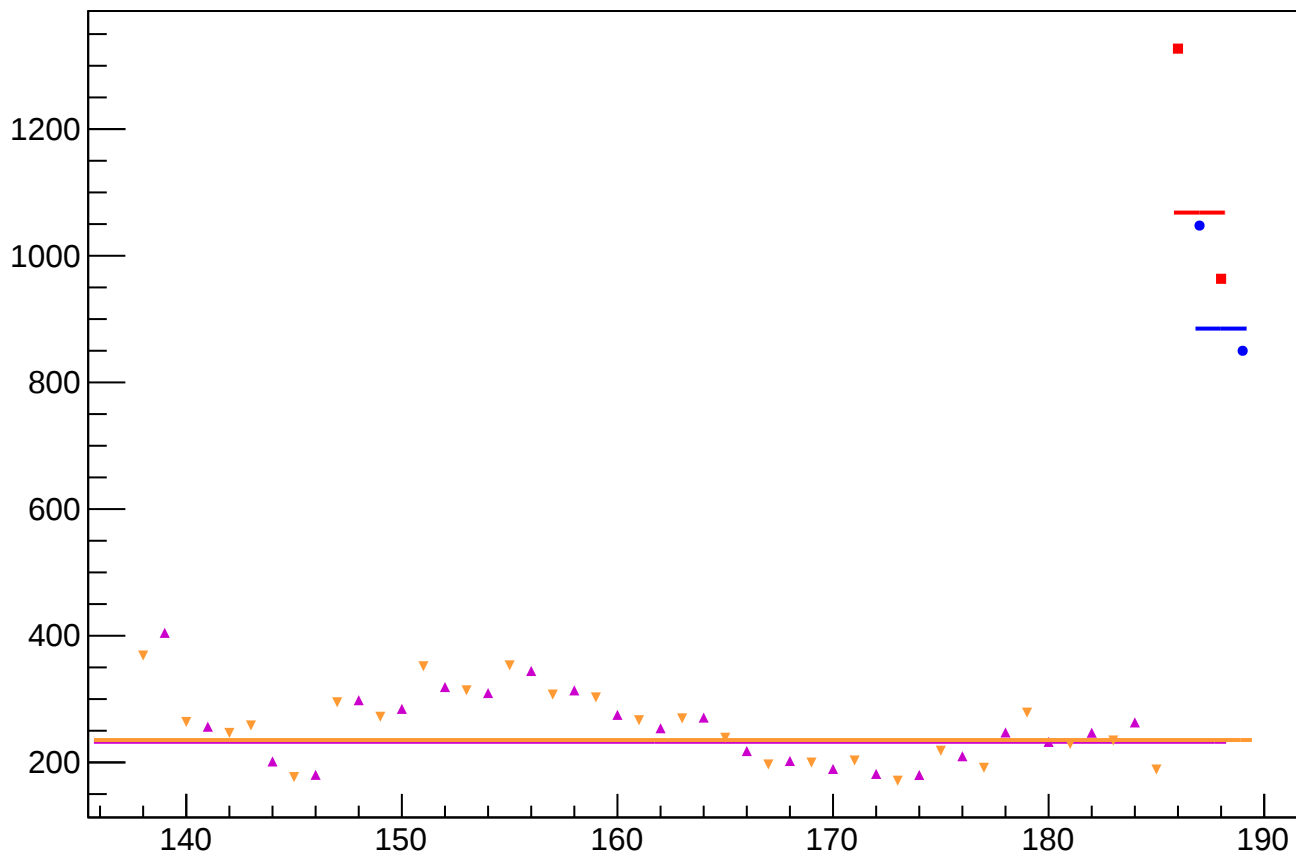
Left In: -33.239 ± 56.795 χ^2/NDF : 24.5/22

+ sign -274.845 ± 56.238 χ^2/NDF : 65.1/26

All: -153.760 ± 39.938 χ^2/NDF : 100.2/51

- sign -30.558 ± 56.727 χ^2/NDF : 25.7/24

asym_sam_1526_avg_correction_rms vs Slug



Right In: 885.009 $\pm$ 0.803 χ^2 /NDF: 8848.0/1

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

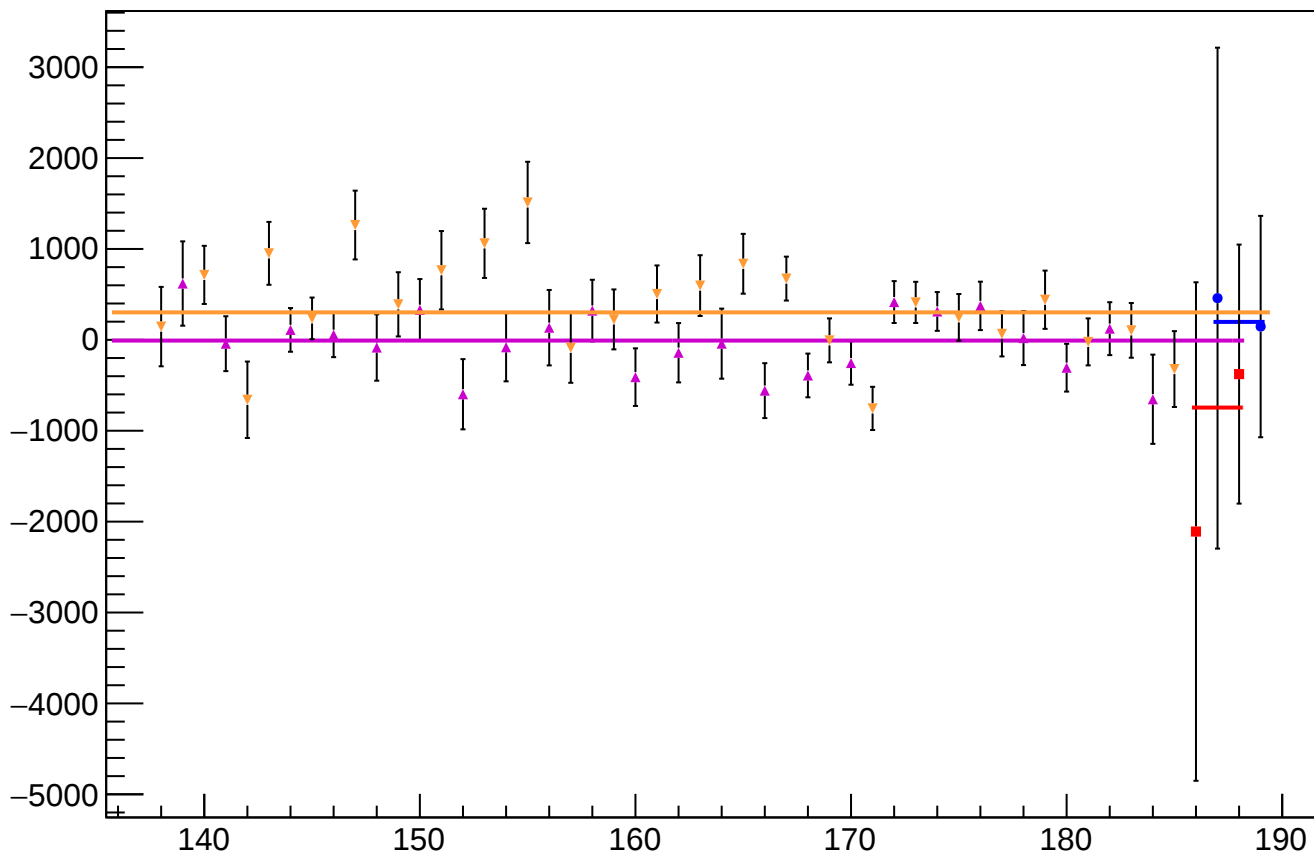
Left In: 232.577 $\pm$ 0.040 χ^2 /NDF:1604382.8/22

+ sign 236.922 $\pm$ 0.040 χ^2 /NDF: 2324233.2/26

All: 235.756 $\pm$ 0.028 χ^2 /NDF: 5003287.3/51

- sign 234.570 $\pm$ 0.040 χ^2 /NDF: 2677320.7/24

asym_sam_1526_avg_mean vs Slug



Right In: 197.403 ± 1113.925 χ^2/NDF : 0.0/1

Left Out: 302.420 ± 60.991 χ^2/NDF : 63.8/24

Right Out: -745.035 ± 1264.414 χ^2/NDF : 0.3/1

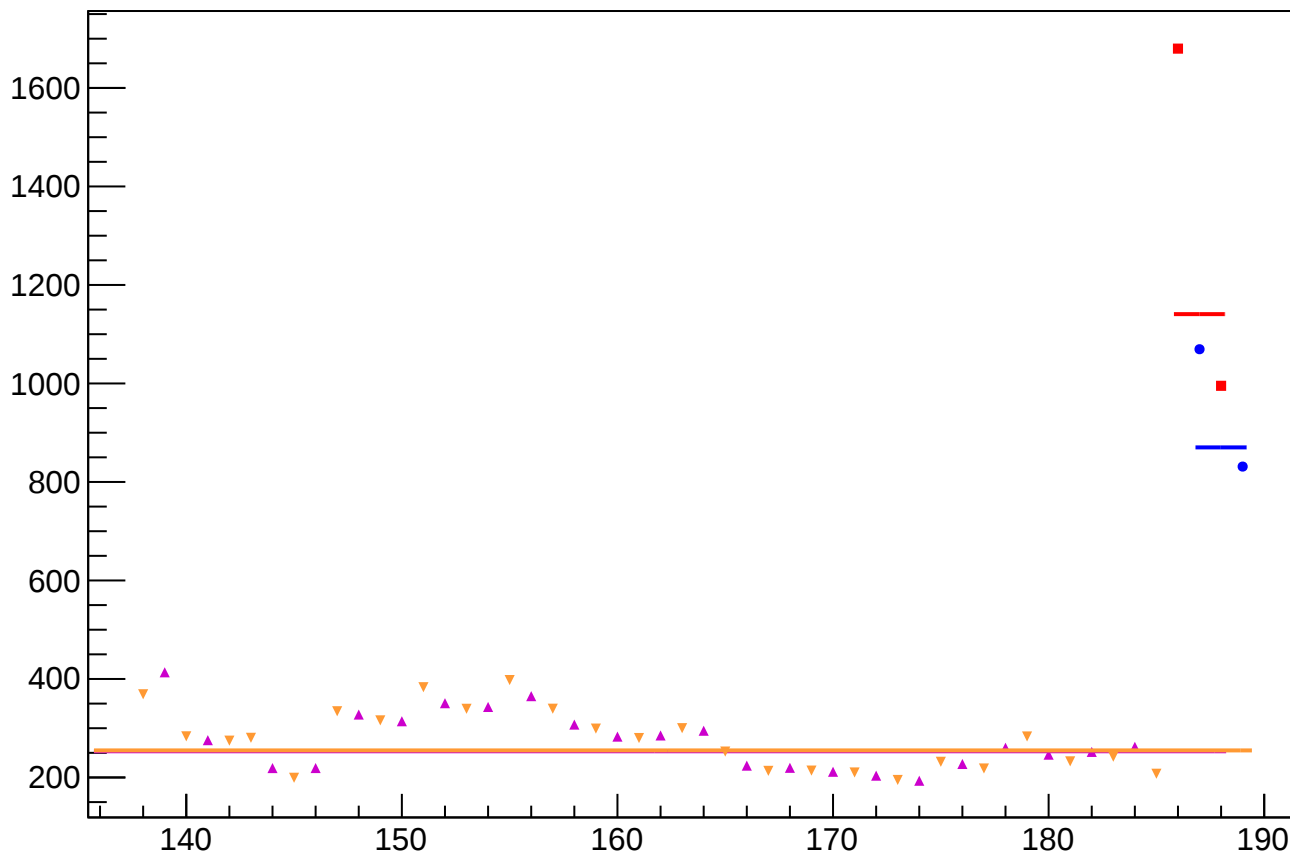
Left In: -7.915 ± 61.726 χ^2/NDF : 26.3/22

+ sign 302.106 ± 60.899 χ^2/NDF : 63.9/26

All: 148.134 ± 43.326 χ^2/NDF : 103.7/51

- sign -9.667 ± 61.652 χ^2/NDF : 26.9/24

asym_sam_1526_avg_rms vs Slug



Right In: 870.176+/-0.788 χ^2/NDF : 12510.1/1

Left Out: 254.937+/-0.043 χ^2/NDF : 1541708.7/24

Right Out: 1140.764+/-0.894 χ^2/NDF : 98141.9/1

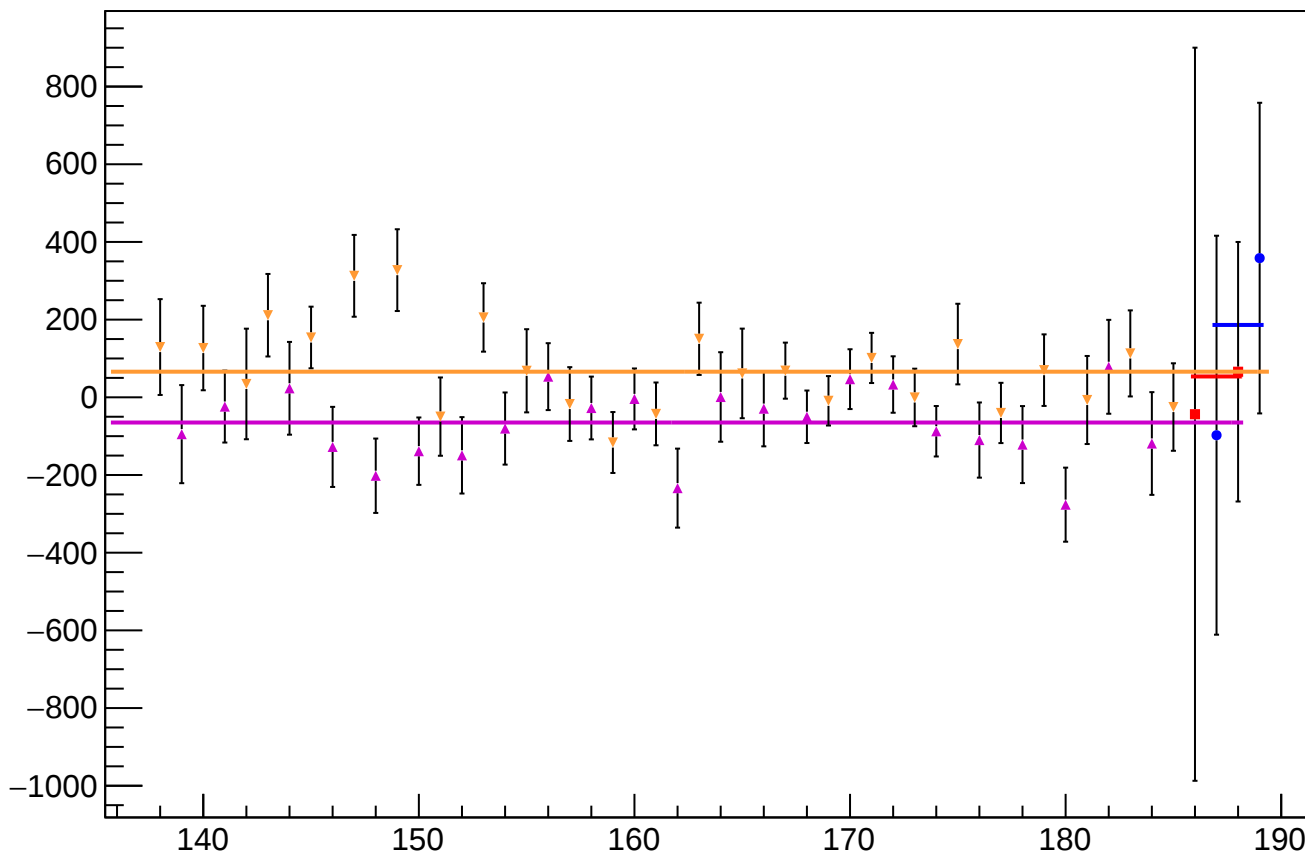
Left In: 253.170+/-0.044 χ^2/NDF : 1366527.6/22

+ sign 256.776+/-0.043 χ^2/NDF : 2162501.2/26

All: 256.038+/-0.031 χ^2/NDF : 4610976.4/51

- sign 255.280+/-0.044 χ^2/NDF : 2447879.3/24

dit_asym_sam_3726_avg_mean vs Slug



Right In: 186.306 $\pm$ 315.509 χ^2 /NDF: 0.5/1

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

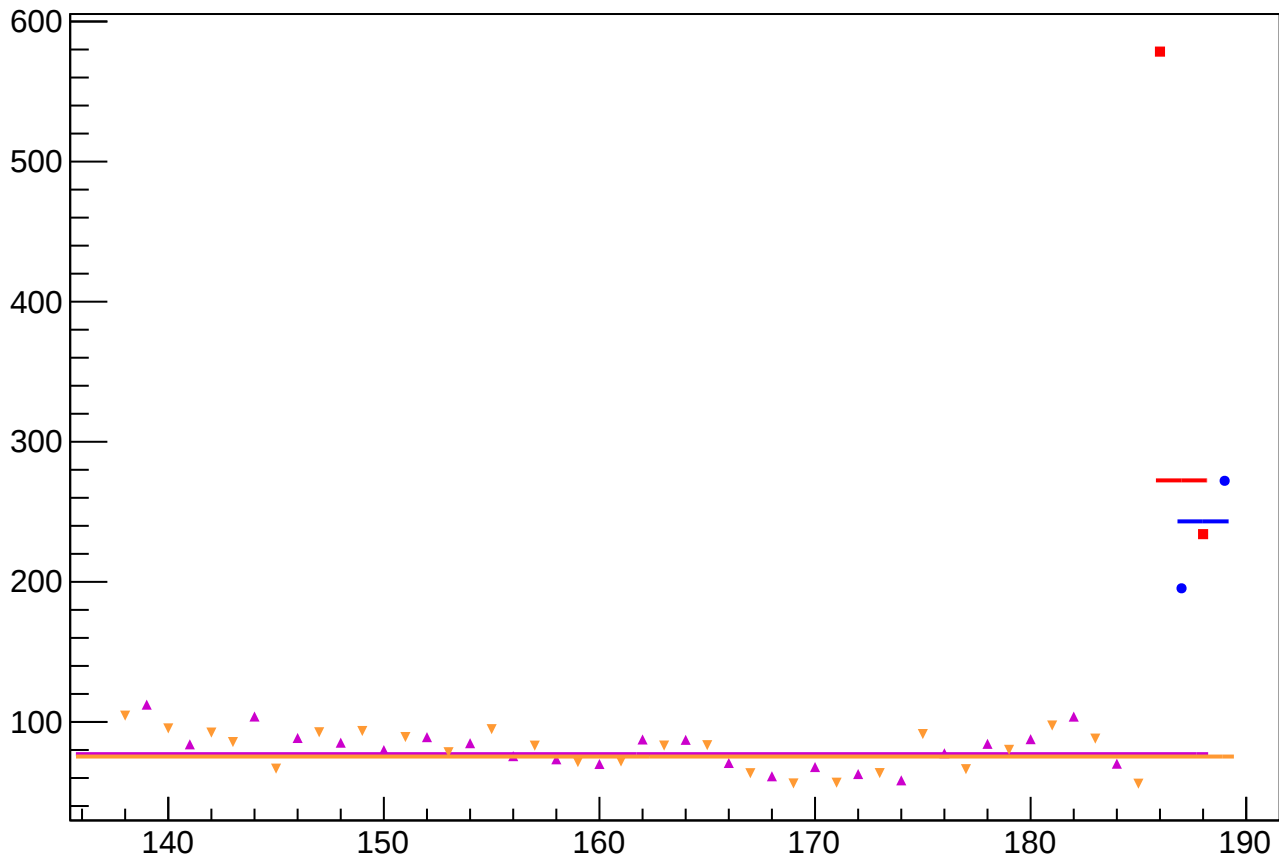
Left In: -64.899 $\pm$ 18.925 χ^2 /NDF:21.7/22

+ sign 66.366 $\pm$ 18.121 χ^2 /NDF: 34.8/26

All: 3.667 $\pm$ 13.077 χ^2 /NDF: 81.6/51

- sign -64.473 $\pm$ 18.891 χ^2 /NDF: 21.9/24

dit_asym_sam_3726_avg_rms vs Slug



Right In: 243.177 $\pm$ 0.223 χ^2/NDF : 27792.4/1

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

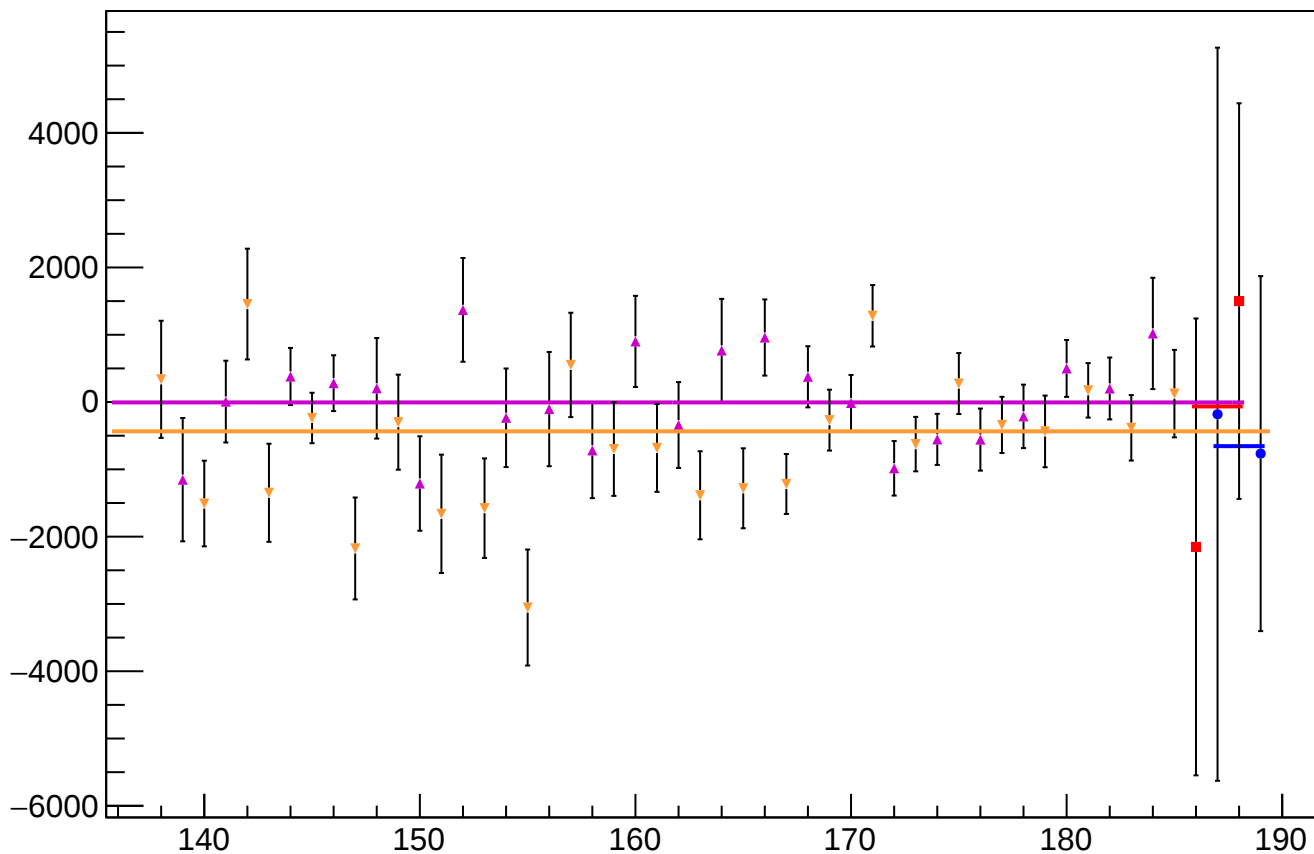
Left In: 77.021 $\pm$ 0.013 χ^2/NDF :941637.3/22

+ sign 75.866 $\pm$ 0.013 χ^2/NDF : 1808921.1/26

All: 76.756 $\pm$ 0.009 χ^2/NDF : 3764569.2/51

- sign 77.724 $\pm$ 0.013 χ^2/NDF : 1945561.5/24

asym_sam_3726_avg_correction_mean vs Slug



Right In: -655.048+/-2374.005 χ^2/NDF : 0.0/1

Left Out: -434.815+/-110.841 χ^2/NDF : 58.8/24

Right Out: -64.774+/-2222.159 χ^2/NDF : 0.7/1

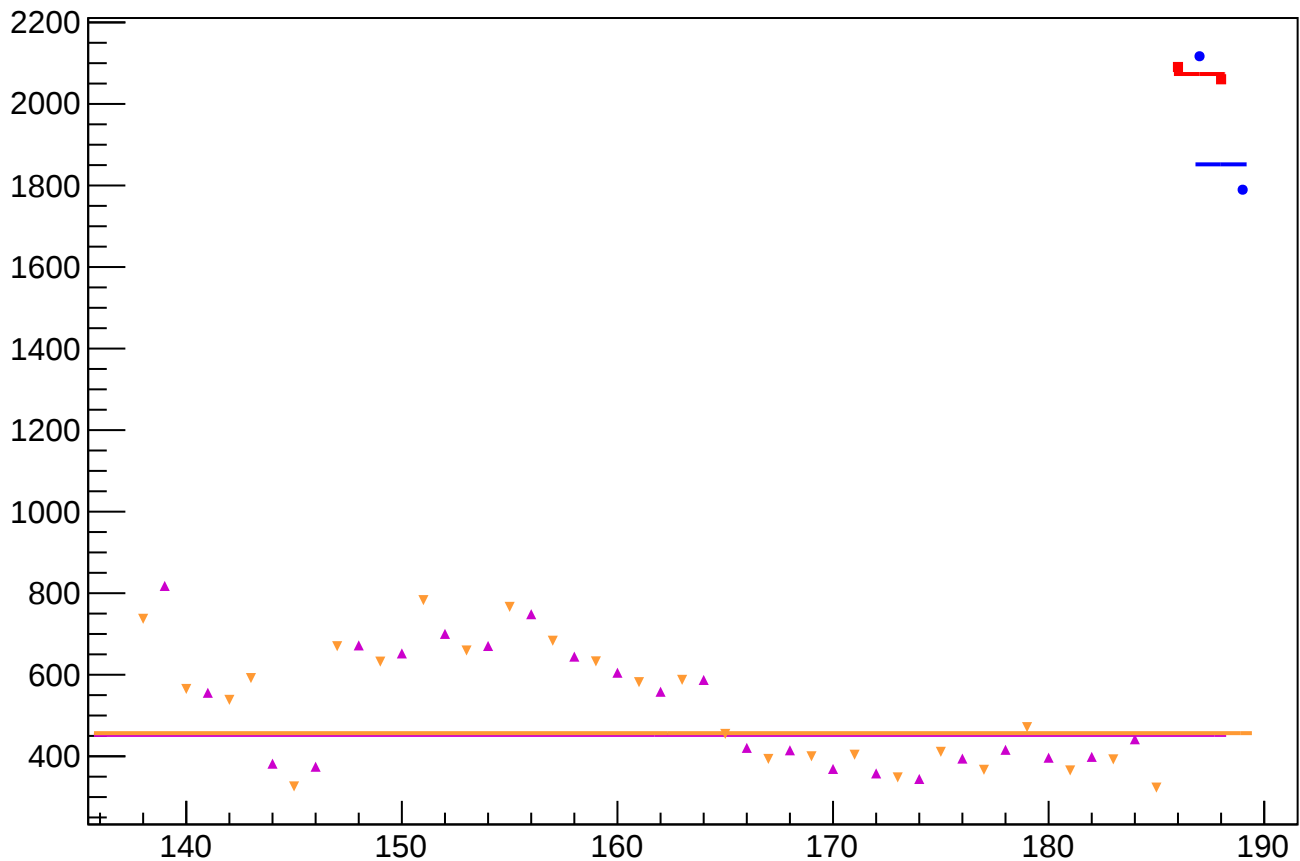
Left In: -5.353+/-111.755 χ^2/NDF : 29.6/22

+ sign -435.294+/-110.720 χ^2/NDF : 58.8/26

All: -222.126+/-78.605 χ^2/NDF : 96.6/51

- sign -5.502+/-111.614 χ^2/NDF : 30.3/24

asym_sam_3726_avg_correction_rms vs Slug



Right In: 1851.844+/-1.679 χ^2/NDF : 5850.2/1

Left Out: 456.743+/-0.078 χ^2/NDF : 2593665.9/24

Right Out: 2073.406+/-1.571 χ^2/NDF : 89.9/1

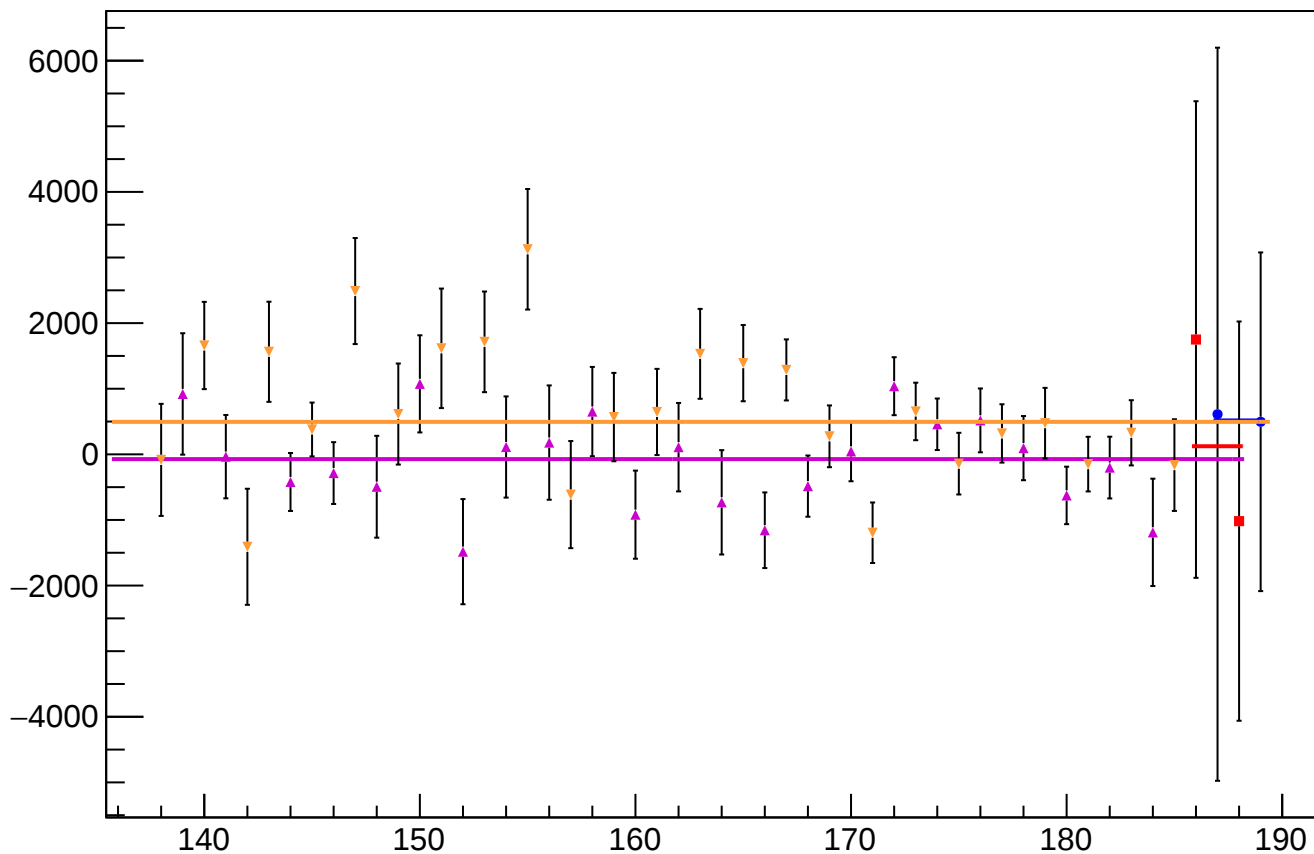
Left In: 452.439+/-0.079 χ^2/NDF : 2305796.6/22

+ sign 459.778+/-0.078 χ^2/NDF : 3288695.8/26

All: 458.166+/-0.056 χ^2/NDF : 6656964.5/51

- sign 456.528+/-0.079 χ^2/NDF : 3367414.3/24

asym_sam_3726_avg_mean vs Slug



Right In: 516.559 $\pm$ 2343.083 χ^2 /NDF: 0.0/1

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

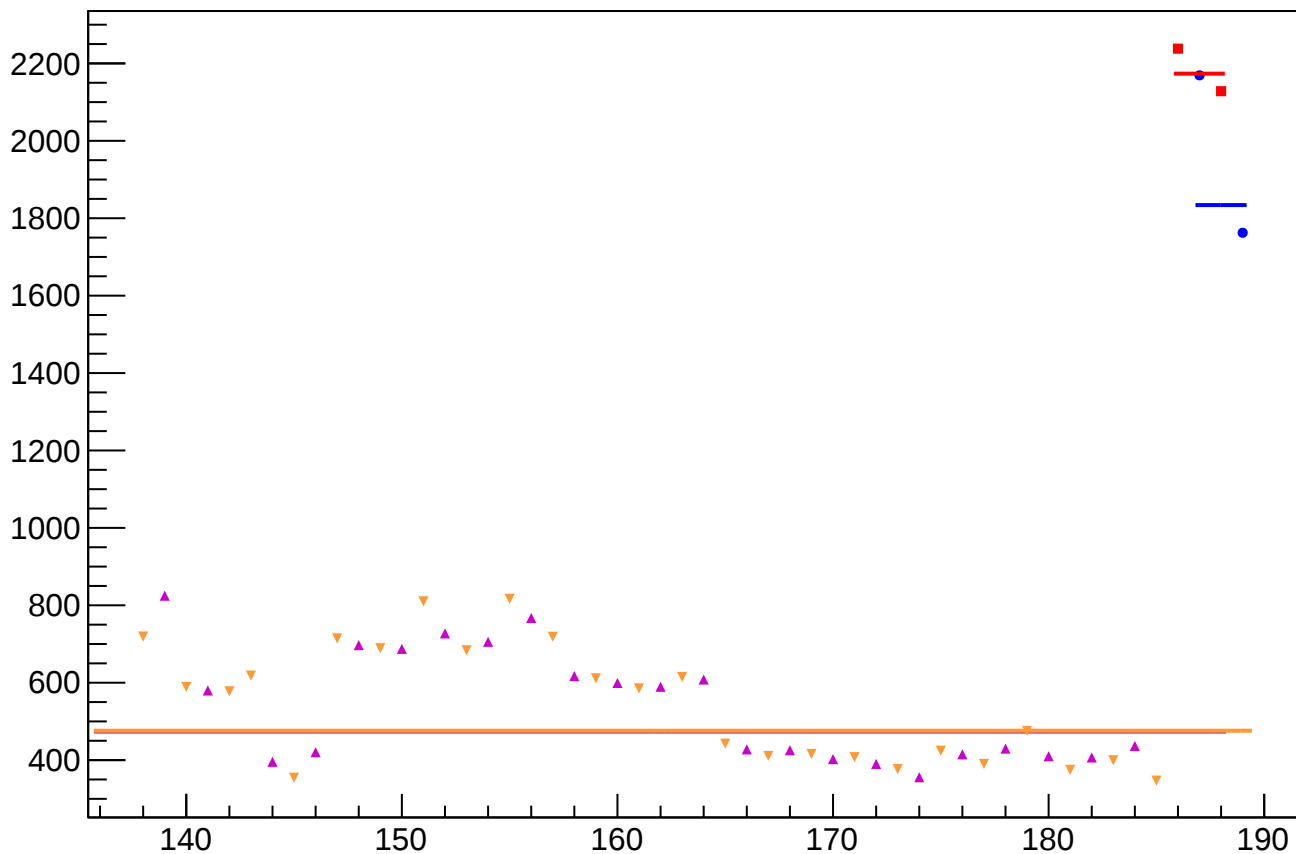
Left In: -72.627 $\pm$ 116.927 χ^2 /NDF: 29.1/22

+ sign 495.311 $\pm$ 115.381 χ^2 /NDF: 57.2/26

All: 215.008 $\pm$ 82.077 χ^2 /NDF: 98.5/51

- sign -72.135 $\pm$ 116.781 χ^2 /NDF: 29.4/24

asym_sam_3726_avg_rms vs Slug



Right In: 1834.018+/-1.657 χ^2/NDF : 8734.9/1

Left Out: 476.057+/-0.082 χ^2/NDF : 2461838.6/24

Right Out: 2173.532+/-1.649 χ^2/NDF : 1075.6/1

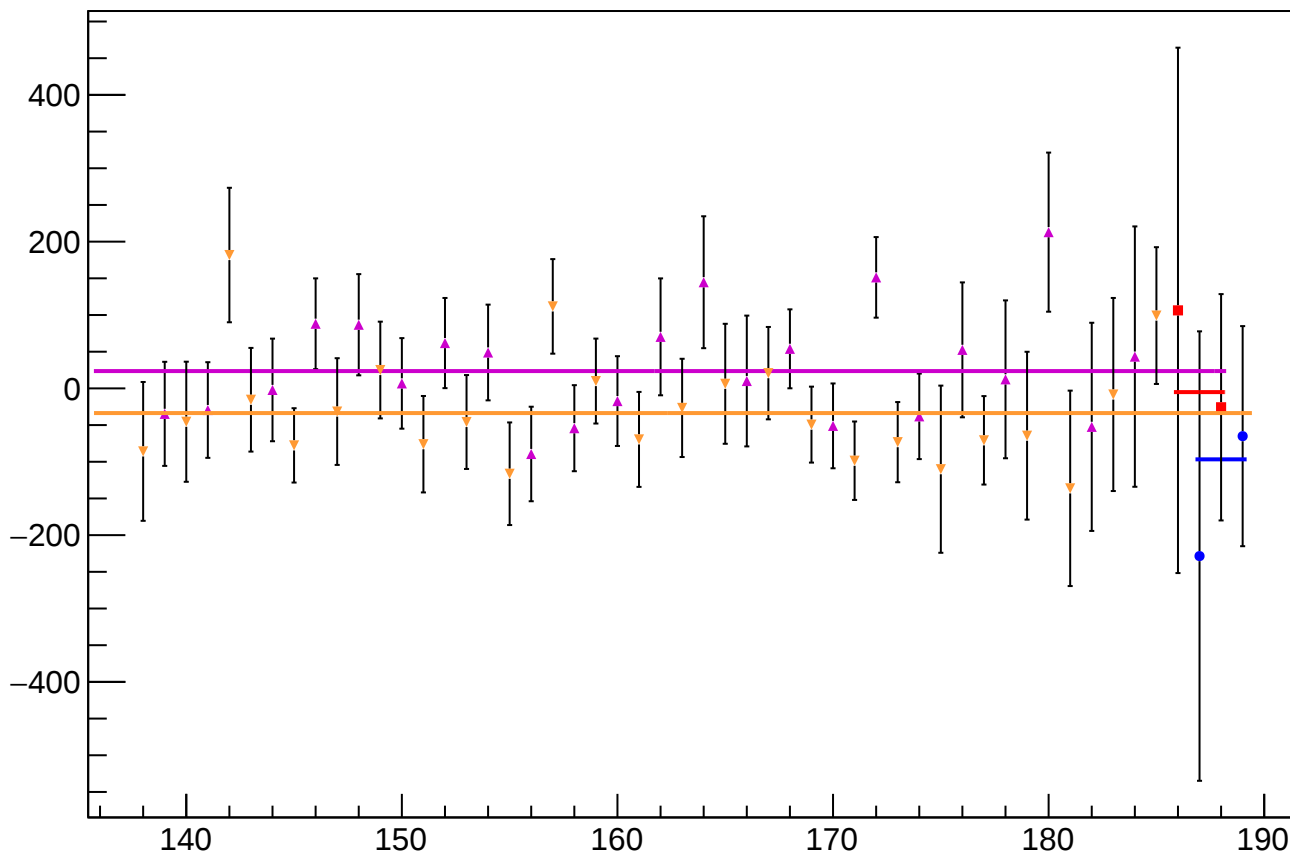
Left In: 473.824+/-0.083 χ^2/NDF : 2113753.1/22

+ sign 479.350+/-0.082 χ^2/NDF : 3140728.2/26

All: 478.725+/-0.058 χ^2/NDF : 6315090.9/51

- sign 478.085+/-0.083 χ^2/NDF : 3174243.9/24

dit_asym_sam_15_48_dd_mean vs Slug



Right In: -96.710 ± 134.694 χ^2/NDF : 0.2/1

Left Out: -33.628 ± 13.882 χ^2/NDF : 21.9/24

Right Out: -5.059 ± 141.650 χ^2/NDF : 0.1/1

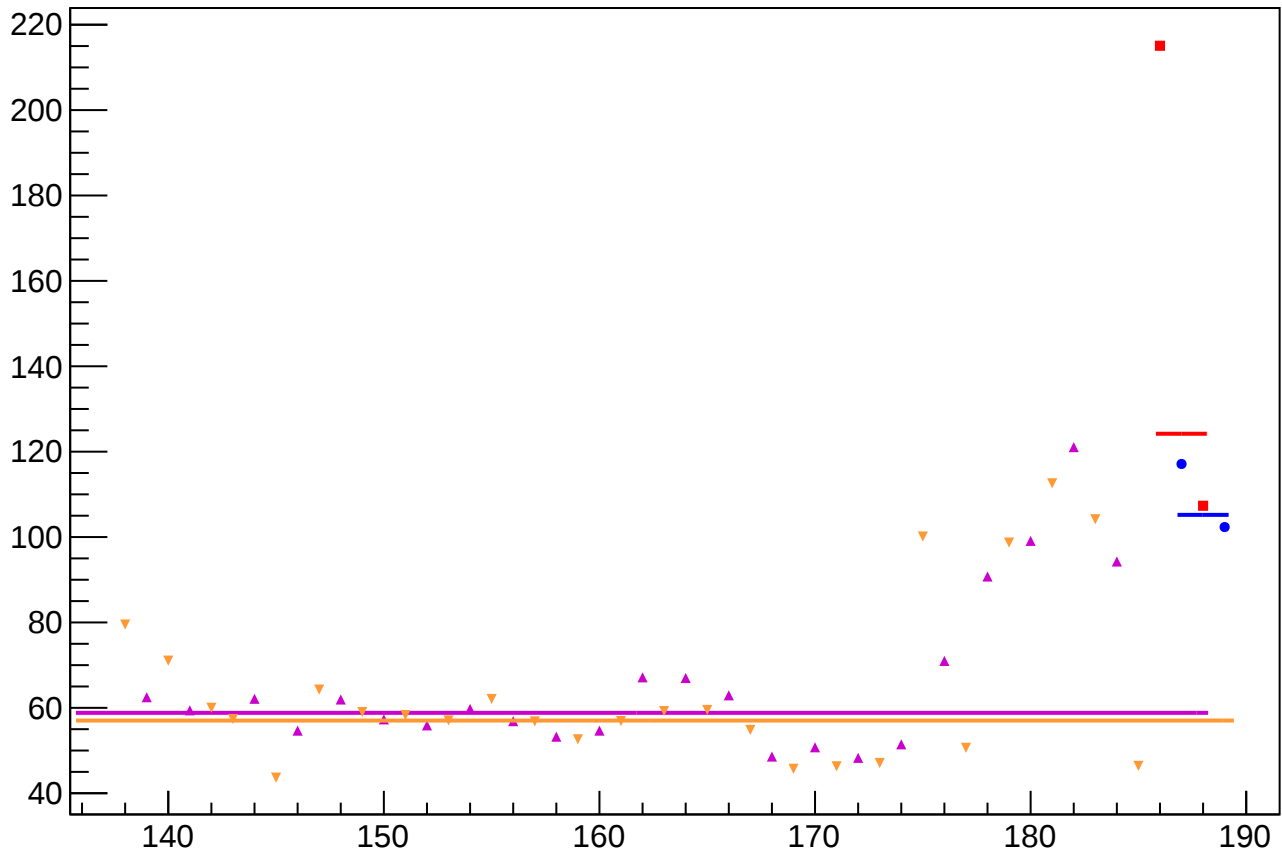
Left In: 23.597 ± 14.554 χ^2/NDF : 23.5/22

+ sign -34.292 ± 13.809 χ^2/NDF : 22.4/26

All: -6.858 ± 9.992 χ^2/NDF : 54.3/51

- sign 23.298 ± 14.478 χ^2/NDF : 23.6/24

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 105.198 $\pm$ 0.095 χ^2/NDF : 3755.0/1

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

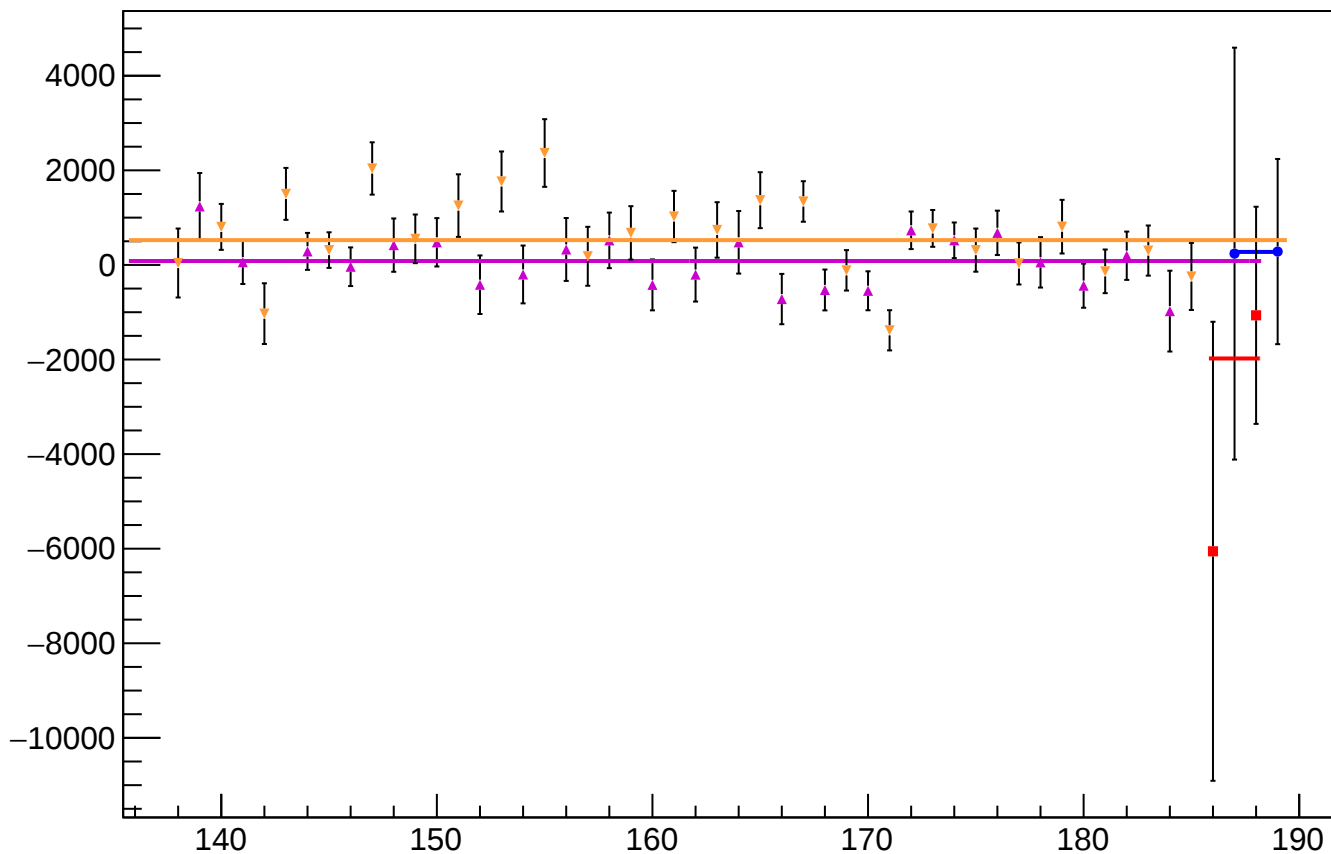
Left In: 58.829 $\pm$ 0.010 χ^2/NDF :1270108.1/22

+ sign 57.532 $\pm$ 0.010 χ^2/NDF : 2068460.3/26

All: 58.475 $\pm$ 0.007 χ^2/NDF : 3932388.7/51

- sign 59.512 $\pm$ 0.010 χ^2/NDF : 1844338.7/24

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 274.965 ± 1785.778 χ^2/NDF : 0.0/1

Left Out: 524.503 ± 103.237 χ^2/NDF : 64.2/24

Right Out: -1977.832 ± 2075.230 χ^2/NDF : 0.9/1

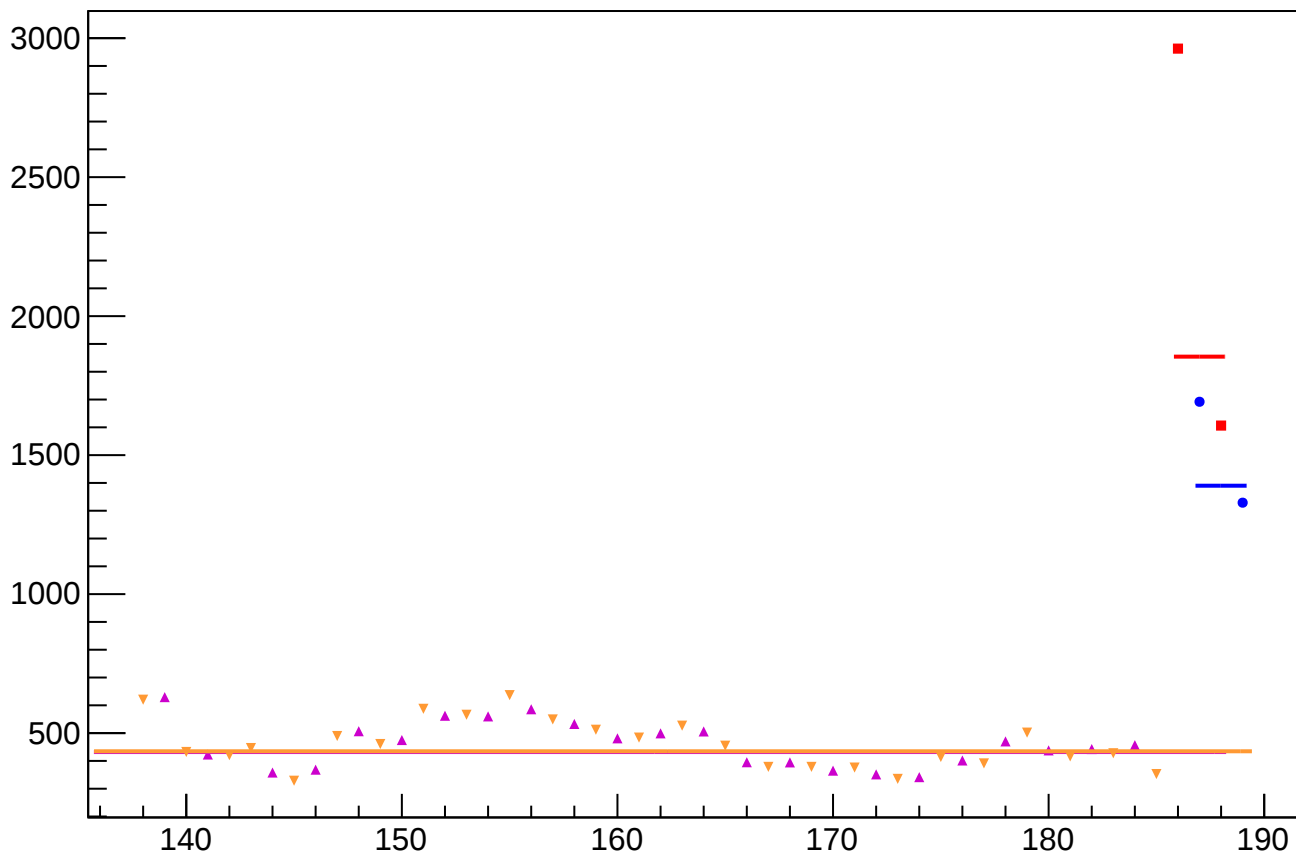
Left In: 82.501 ± 104.550 χ^2/NDF : 22.1/22

+ sign 523.672 ± 103.065 χ^2/NDF : 64.2/26

All: 303.388 ± 73.351 χ^2/NDF : 97.4/51

- sign 77.285 ± 104.417 χ^2/NDF : 24.0/24

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1390.015+/-1.263 χ^2/NDF : 11560.3/1

Left Out: 434.656+/-0.073 χ^2/NDF : 1158526.1/24

Right Out: 1854.313+/-1.467 χ^2/NDF : 127600.1/1

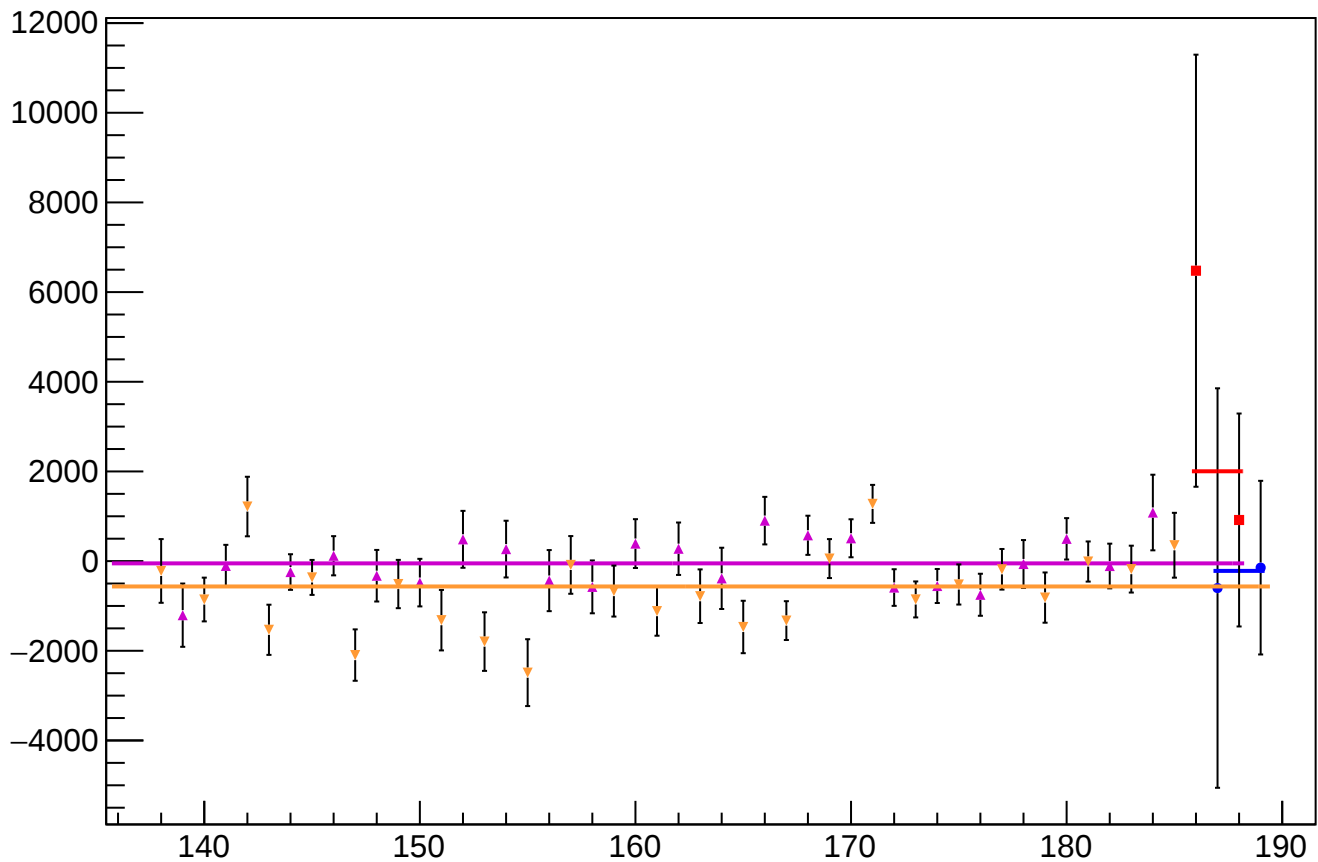
Left In: 431.889+/-0.074 χ^2/NDF : 1034822.9/22

+ sign 437.838+/-0.073 χ^2/NDF : 1740590.7/26

All: 436.680+/-0.052 χ^2/NDF : 3840773.6/51

- sign 435.491+/-0.074 χ^2/NDF : 2099670.7/24

asym_sam_15_48_dd_mean vs Slug



Right In: -218.147+/-1775.959 χ^2/NDF : 0.0/1

Left Out: -565.545+/-104.460 χ^2/NDF : 62.9/24

Right Out: 2003.544+/-2130.101 χ^2/NDF : 1.1/1

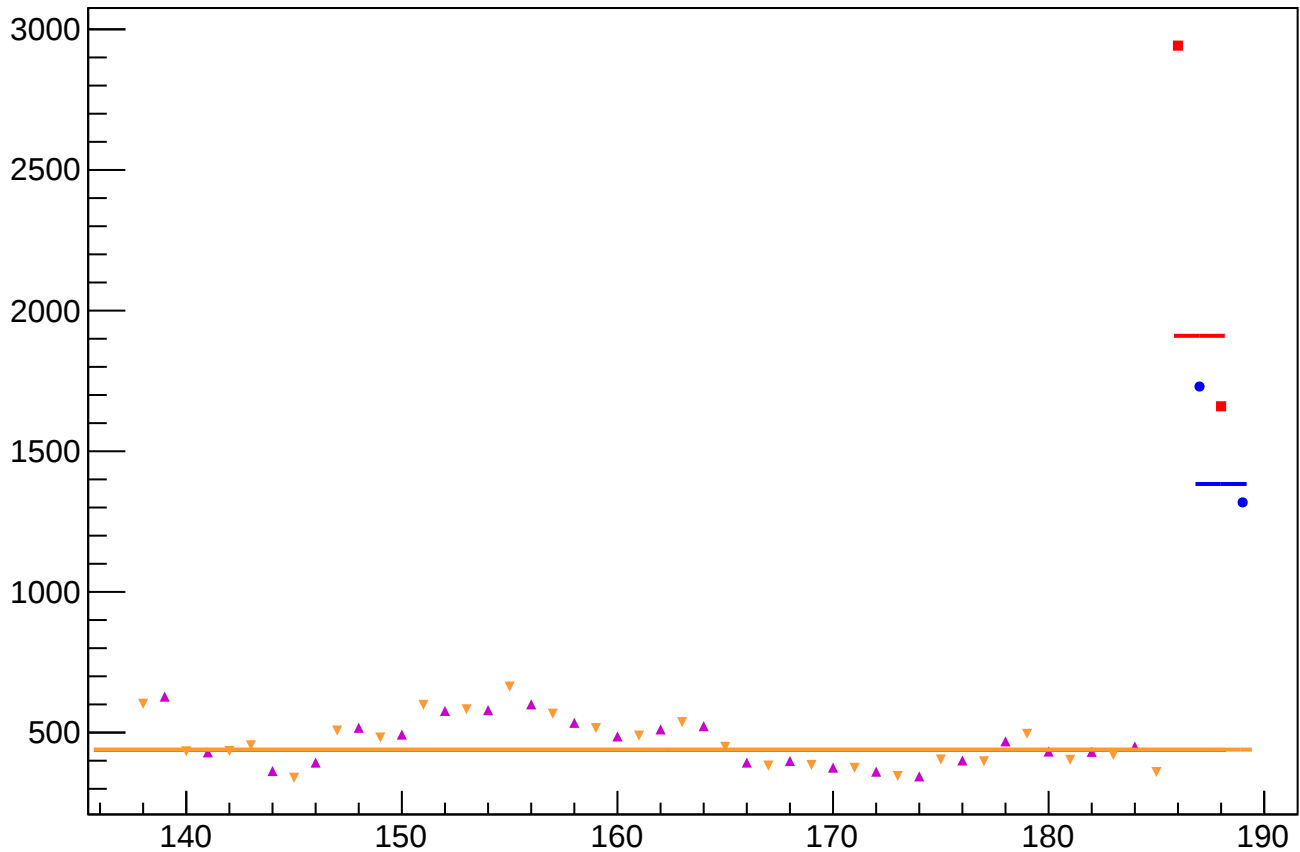
Left In: -50.387+/-106.218 χ^2/NDF : 23.3/22

+ sign -564.347+/-104.280 χ^2/NDF : 63.0/26

All: -309.276+/-74.367 χ^2/NDF : 100.4/51

- sign -45.293+/-106.086 χ^2/NDF : 25.3/24

asym_sam_15_48_dd_rms vs Slug



Right In: 1383.697+/-1.256 χ^2/NDF : 14377.4/1

Left Out: 439.314+/-0.074 χ^2/NDF :1164031.3/24

Right Out: 1910.414+/-1.506 χ^2/NDF : 113932.0/1

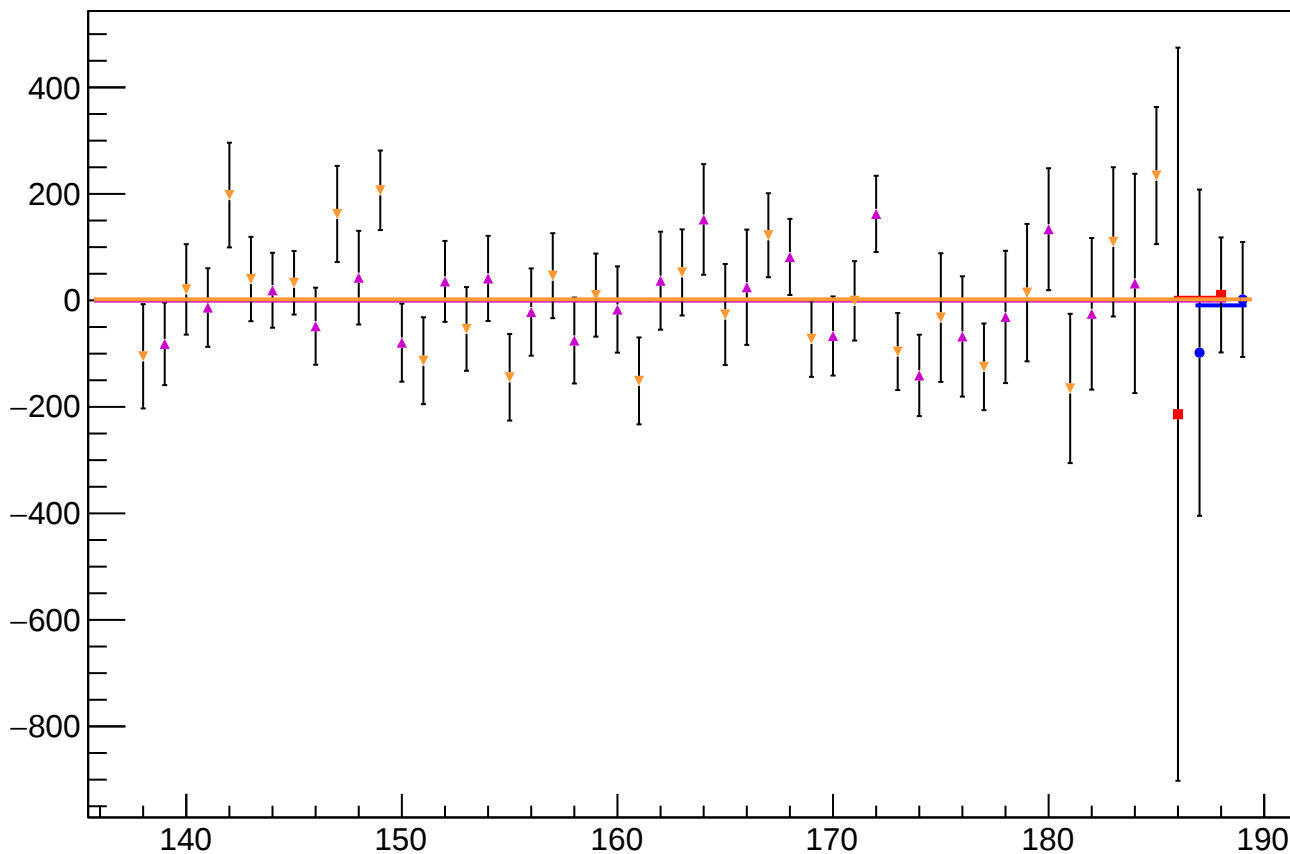
Left In: 438.365+/-0.075 χ^2/NDF :1024661.1/22

+ sign 442.570+/-0.074 χ^2/NDF : 1741995.3/26

All: 442.298+/-0.053 χ^2/NDF : 3833403.5/51

- sign 442.016+/-0.075 χ^2/NDF : 2091380.5/24

dit_asym_sam_37_48_dd_mean vs Slug



Right In: -9.337 ± 101.841 χ^2/NDF : 0.1/1

Left Out: 1.968 ± 17.008 χ^2/NDF : 39.5/24

Right Out: 4.883 ± 106.681 χ^2/NDF : 0.1/1

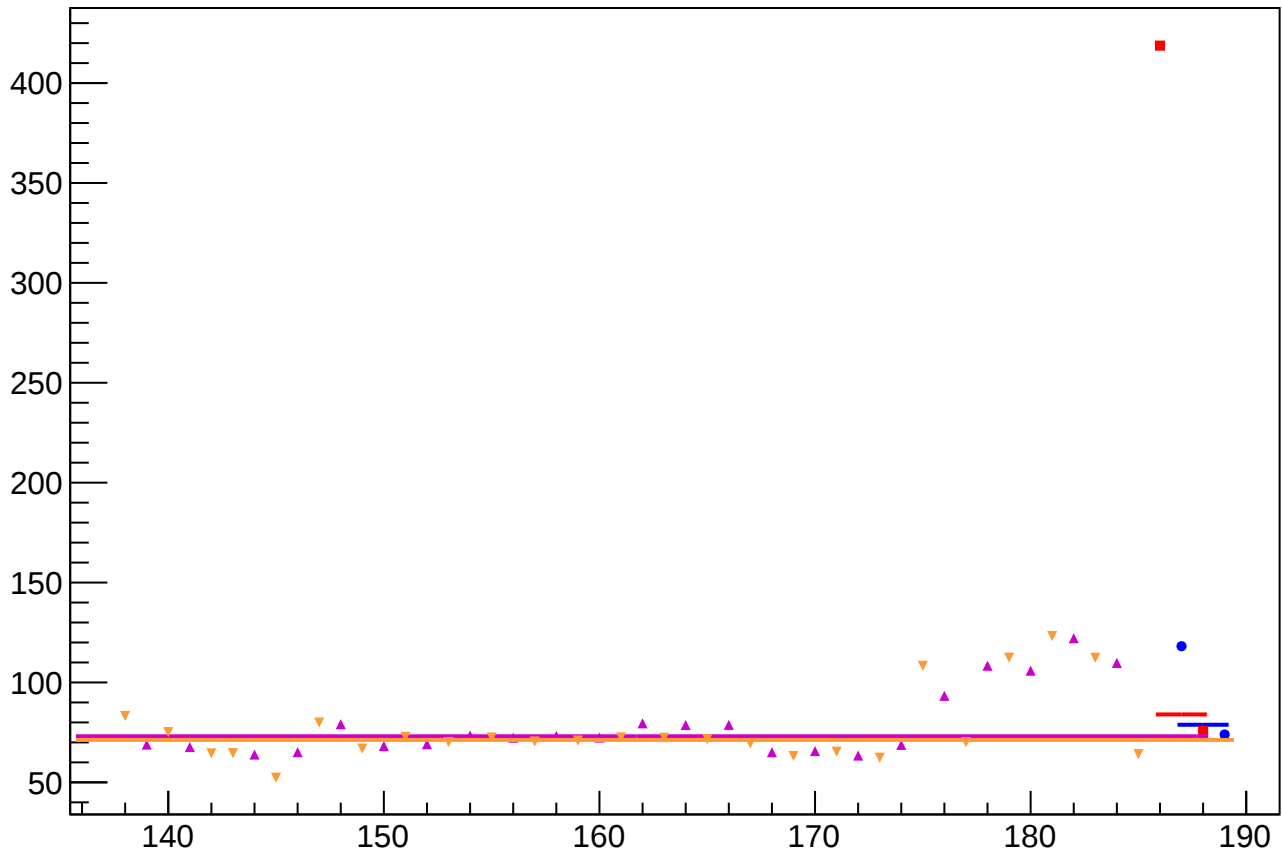
Left In: -0.361 ± 17.751 χ^2/NDF : 19.4/22

+ sign 1.661 ± 16.776 χ^2/NDF : 39.6/26

All: 0.761 ± 12.114 χ^2/NDF : 59.1/51

- sign -0.220 ± 17.510 χ^2/NDF : 19.5/24

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 78.833+/-0.072 χ^2/NDF : 37029.5/1

Left Out: 71.245+/-0.012 χ^2/NDF : 1200712.1/24

Right Out: 83.991+/-0.075 χ^2/NDF : 484554.0/1

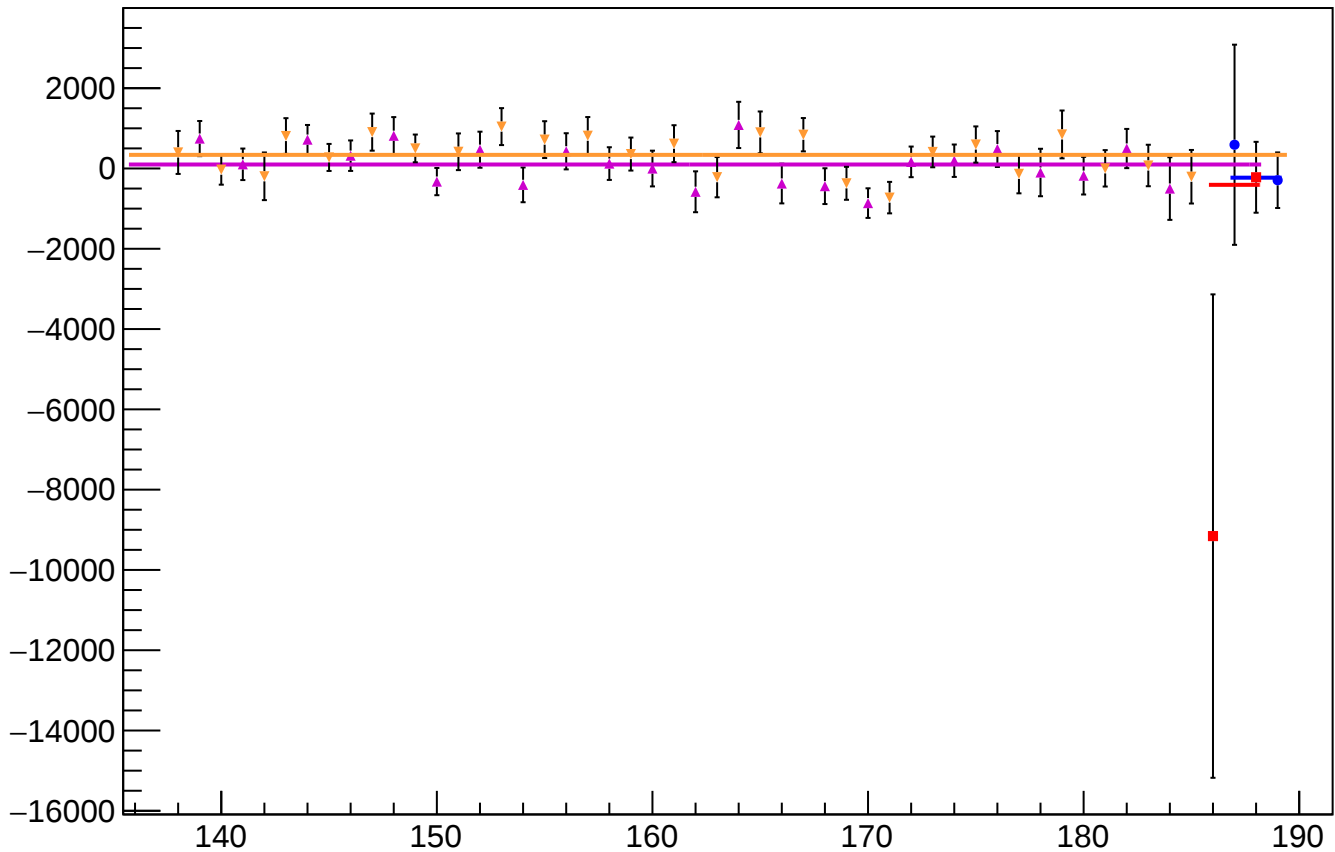
Left In: 73.060+/-0.013 χ^2/NDF : 899002.7/22

+ sign 71.451+/-0.012 χ^2/NDF : 1248545.0/26

All: 72.362+/-0.009 χ^2/NDF : 2664858.1/51

- sign 73.354+/-0.012 χ^2/NDF : 1403991.0/24

asym_sam_37_48_dd_correction_mean vs Slug



Right In: -229.160 ± 667.095 χ^2/NDF : 0.1/1

Left Out: 339.093 ± 89.261 χ^2/NDF : 26.9/24

Right Out: -407.342 ± 873.433 χ^2/NDF : 2.2/1

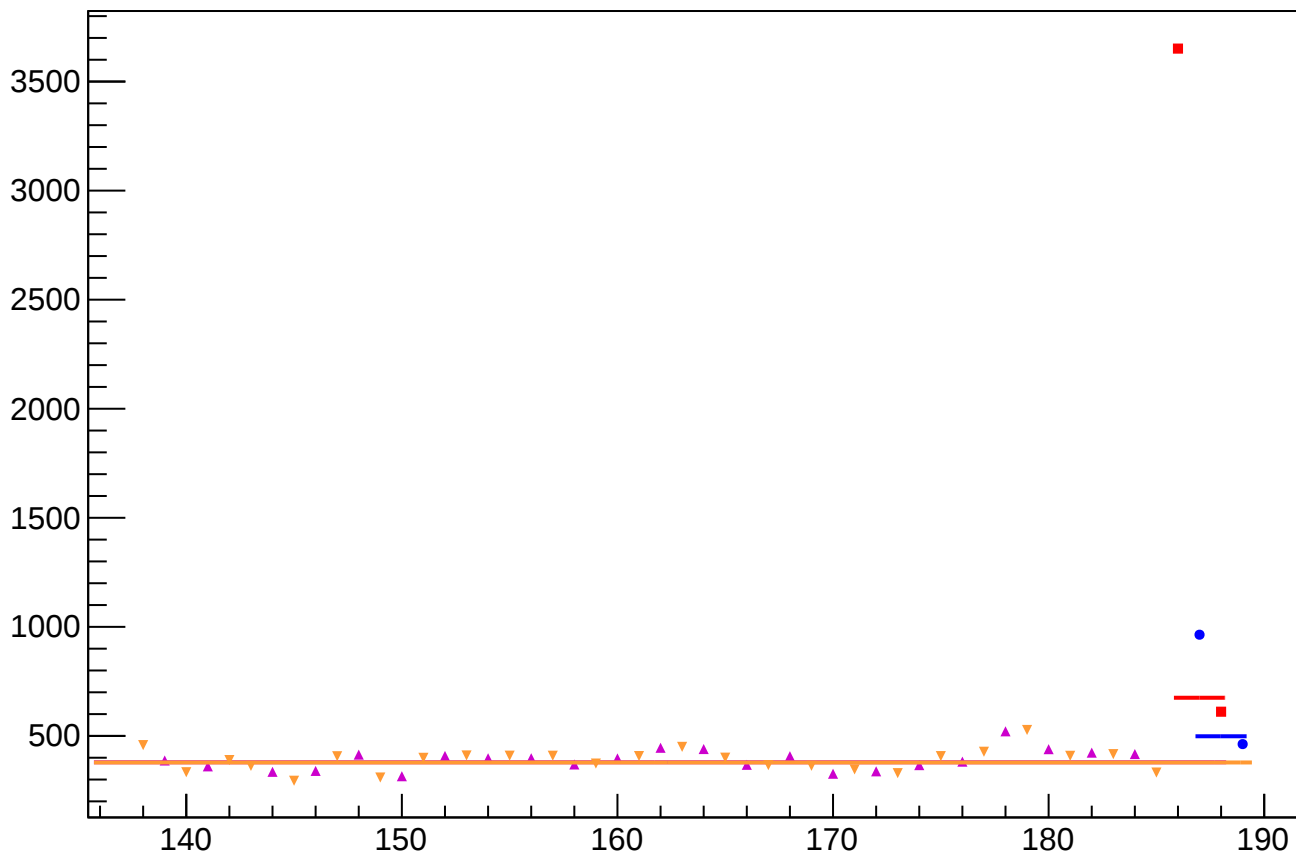
Left In: 99.003 ± 91.148 χ^2/NDF : 28.4/22

+ sign 329.098 ± 88.473 χ^2/NDF : 27.7/26

All: 214.193 ± 63.317 χ^2/NDF : 62.0/51

- sign 93.548 ± 90.656 χ^2/NDF : 30.9/24

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 498.397 $\pm$ 0.472 χ^2 /NDF: 75141.6/1

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

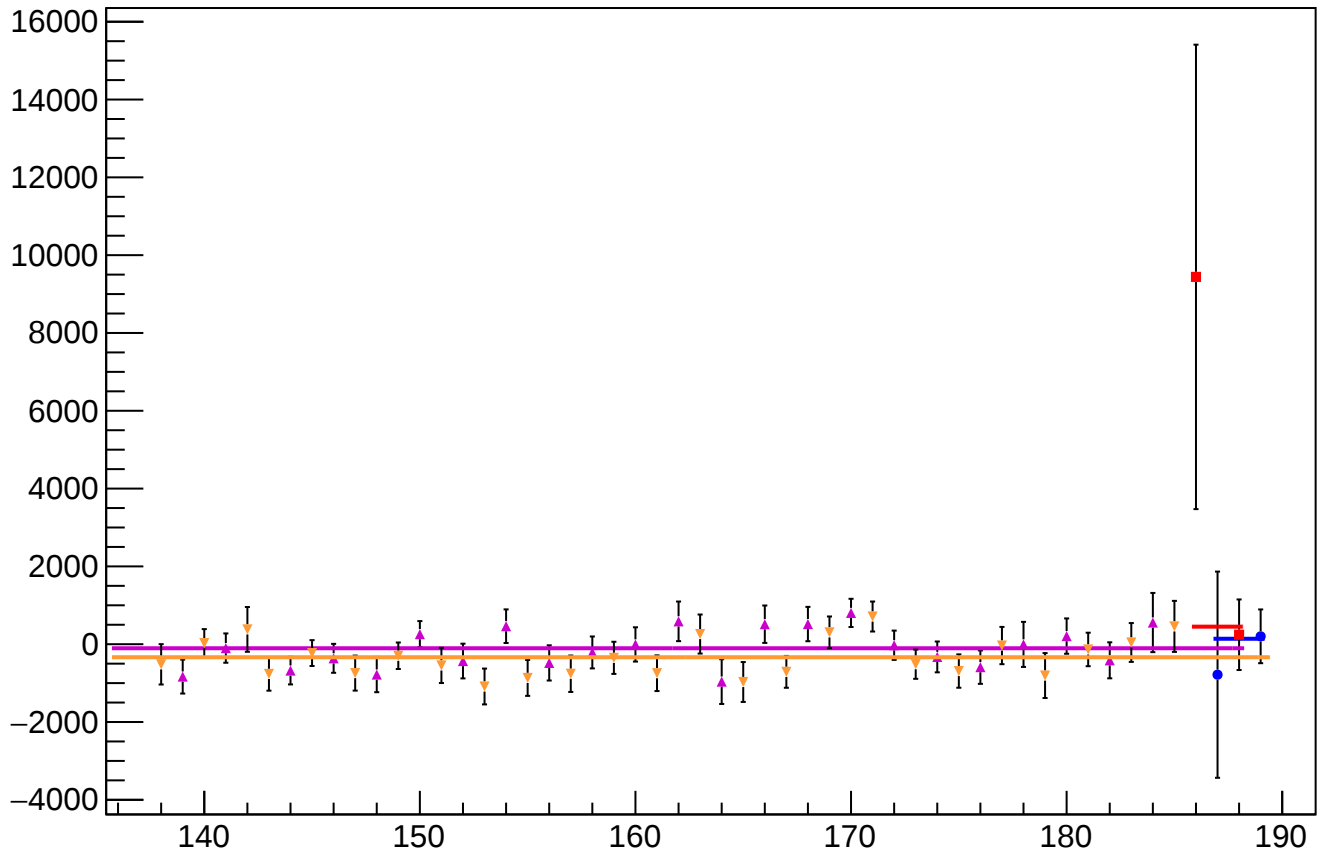
Left In: 379.293 $\pm$ 0.064 χ^2 /NDF: 458625.9/22

+ sign 380.397 $\pm$ 0.063 χ^2 /NDF: 745075.9/26

All: 381.412 $\pm$ 0.045 χ^2 /NDF: 1930156.6/51

- sign 382.478 $\pm$ 0.064 χ^2 /NDF: 1184540.7/24

asym_sam_37_48_dd_mean vs Slug



Right In: 139.802 ± 668.669 χ^2/NDF : 0.1/1

Left Out: -335.242 ± 87.706 χ^2/NDF : 28.3/24

Right Out: 450.986 ± 896.699 χ^2/NDF : 2.3/1

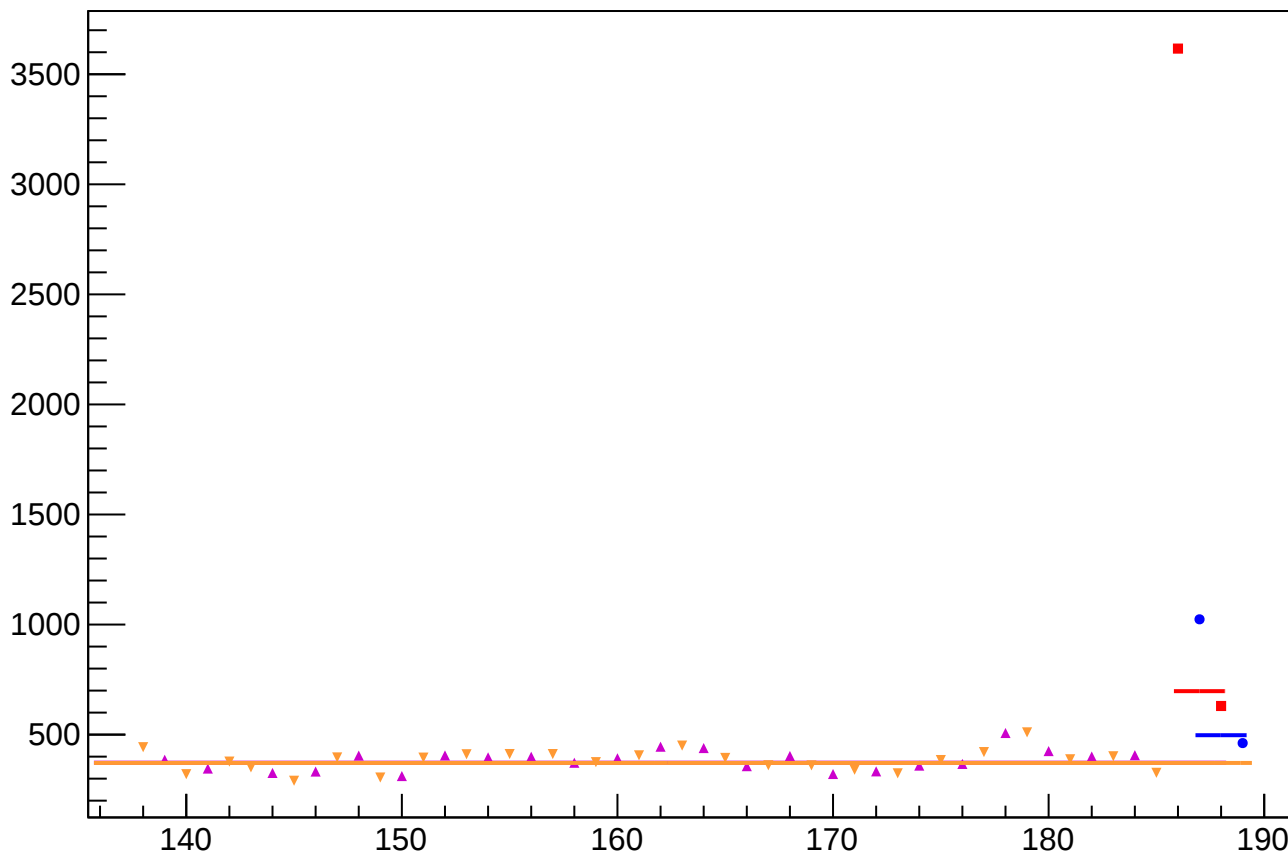
Left In: -104.117 ± 89.613 χ^2/NDF : 29.7/22

+ sign -327.207 ± 86.961 χ^2/NDF : 28.9/26

All: -215.782 ± 62.257 χ^2/NDF : 64.7/51

- sign -98.628 ± 89.169 χ^2/NDF : 32.4/24

asym_sam_37_48_dd_rms vs Slug



Right In: 497.347 +/- 0.473 χ^2/NDF : 84293.4/1

Left Out: 371.375 +/- 0.062 χ^2/NDF : 604123.3/24

Right Out: 697.460 +/- 0.634 χ^2/NDF : 489346.6/1

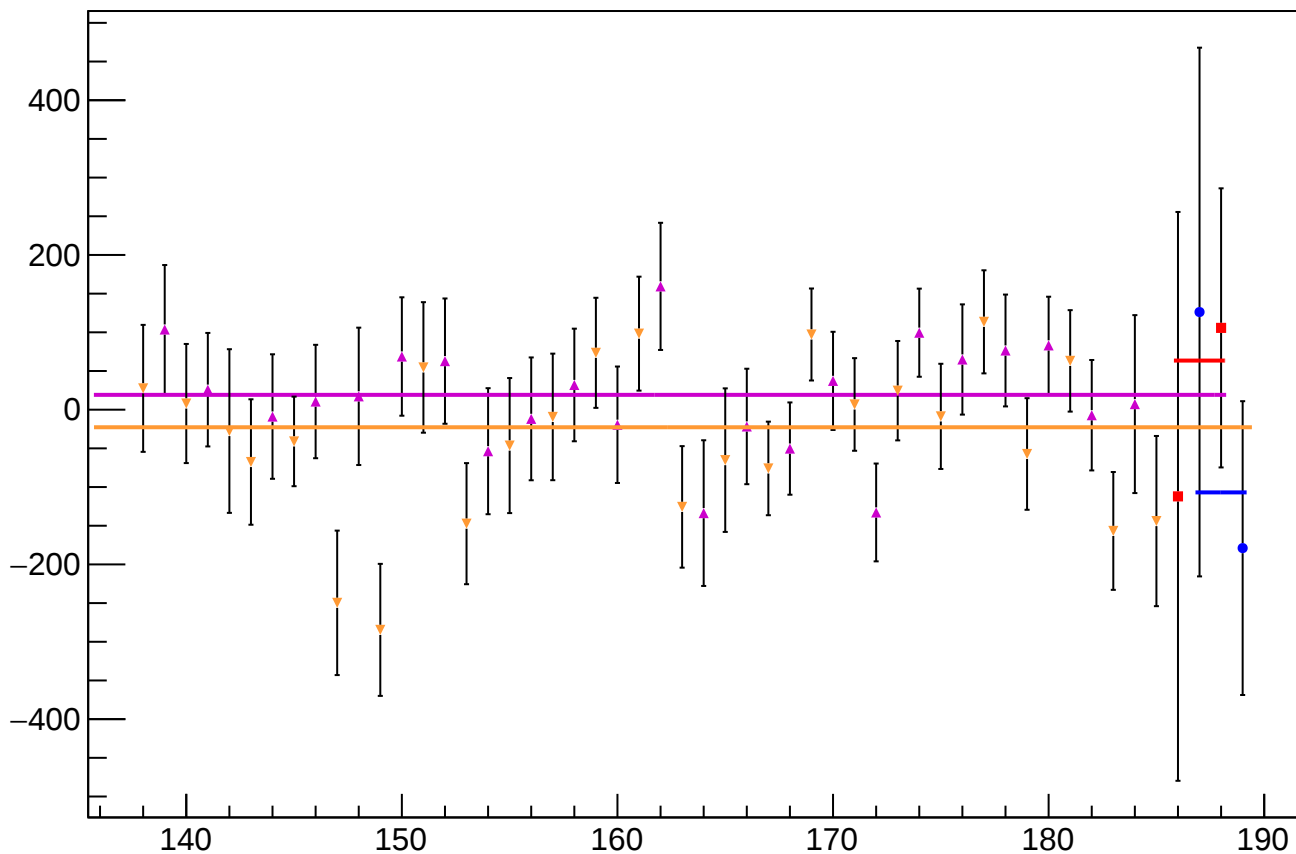
Left In: 372.574 +/- 0.063 χ^2/NDF : 464397.2/22

+ sign 373.506 +/- 0.061 χ^2/NDF : 758199.5/26

All: 374.618 +/- 0.044 χ^2/NDF : 1972560.0/51

- sign 375.787 +/- 0.063 χ^2/NDF : 1213689.9/24

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -106.920+/-165.977 χ^2/NDF : 0.6/1

Left Out: -22.721+/-14.820 χ^2/NDF : 42.3/24

Right Out: 63.476+/-161.940 χ^2/NDF : 0.3/1

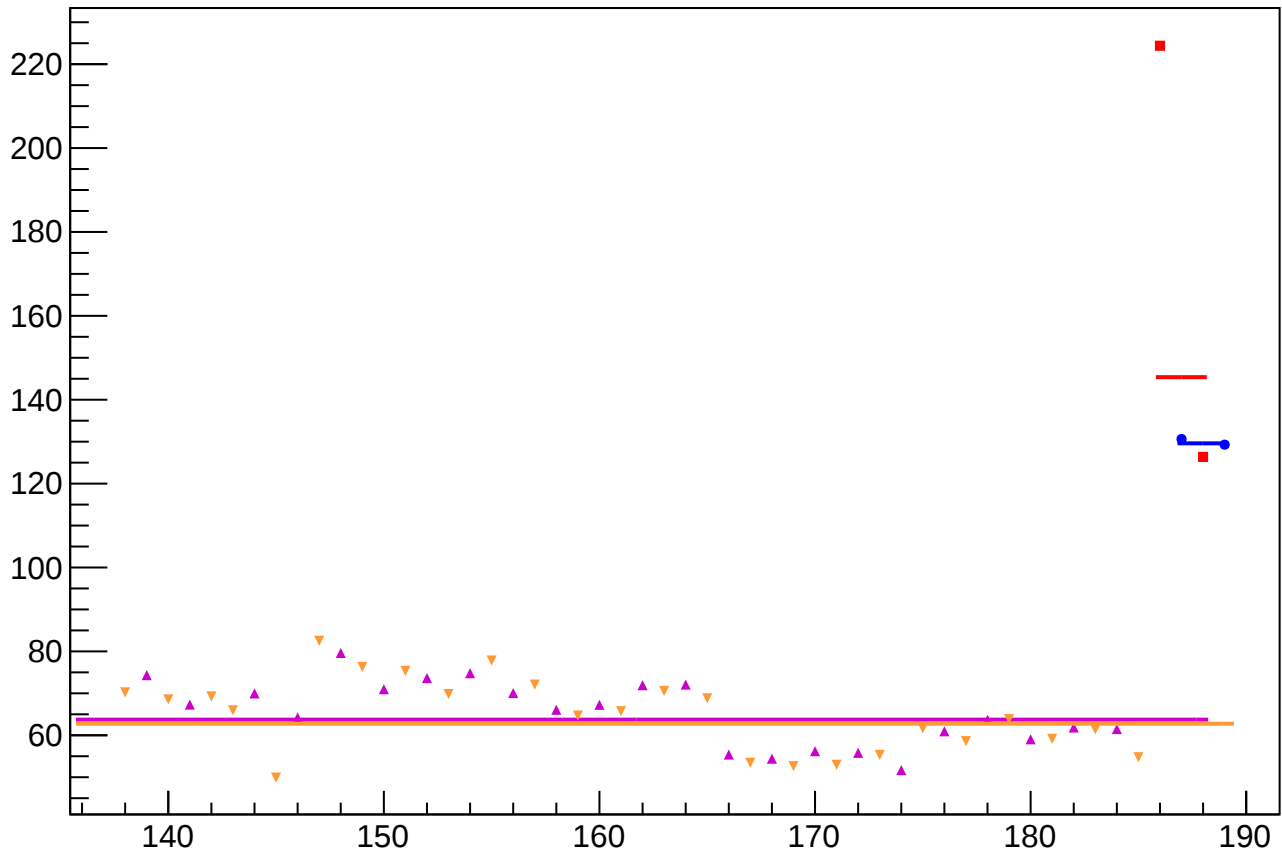
Left In: 19.165+/-15.363 χ^2/NDF : 20.4/22

+ sign -23.387+/-14.761 χ^2/NDF : 43.2/26

All: -2.676+/-10.621 χ^2/NDF : 68.0/51

- sign 19.560+/-15.294 χ^2/NDF : 20.8/24

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 129.603 $\pm$ 0.117 χ^2 /NDF: 23.5/1

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

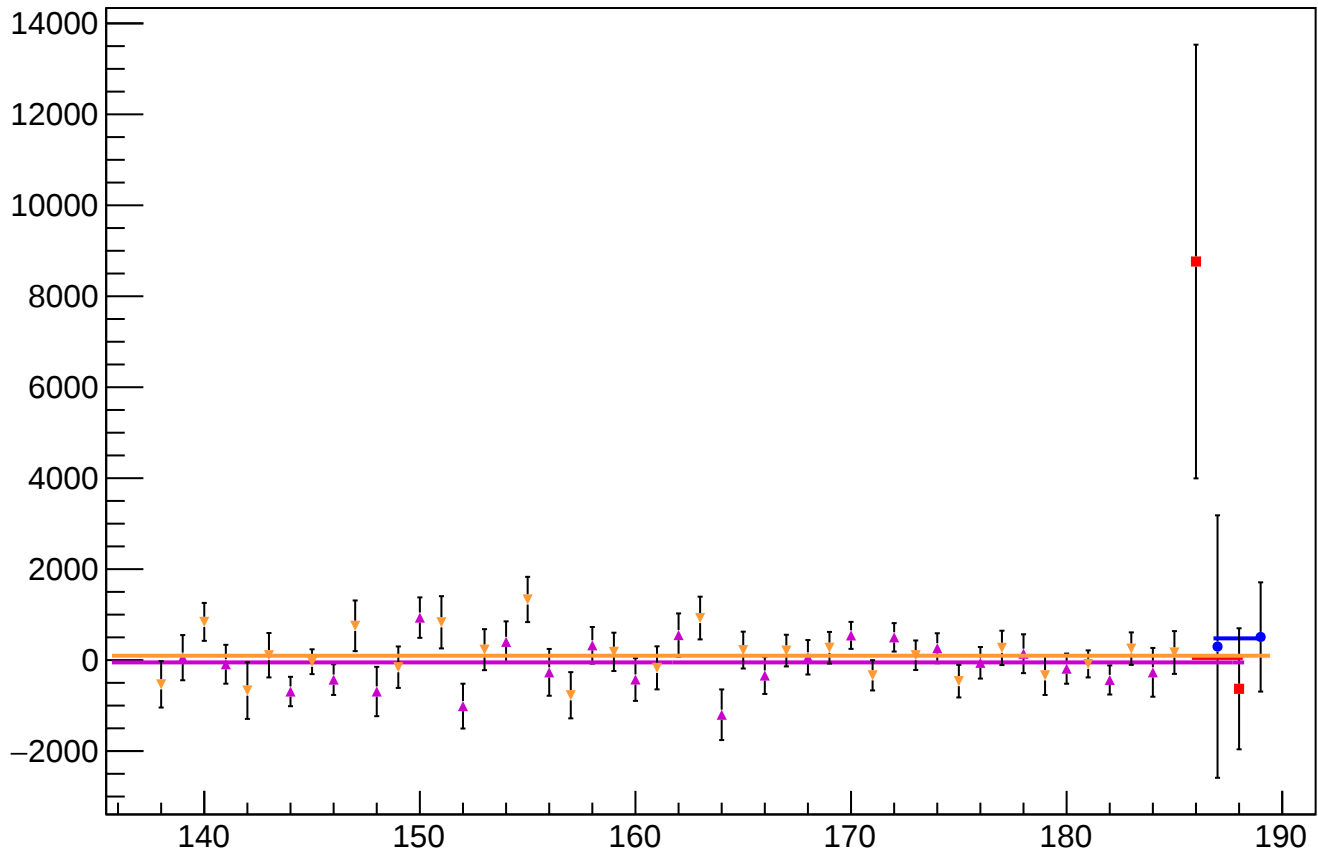
Left In: 63.726 $\pm$ 0.011 χ^2 /NDF: 492170.7/22

+ sign 63.289 $\pm$ 0.010 χ^2 /NDF: 990065.2/26

All: 63.851 $\pm$ 0.008 χ^2 /NDF: 2106827.5/51

- sign 64.454 $\pm$ 0.011 χ^2 /NDF: 1110747.5/24

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 477.821 $\pm$ 1108.884 χ^2 /NDF: 0.0/1

Left Out: 96.393 $\pm$ 80.768 χ^2 /NDF: 28.8/24

Right Out: 47.688 $\pm$ 1281.523 χ^2 /NDF: 3.6/1

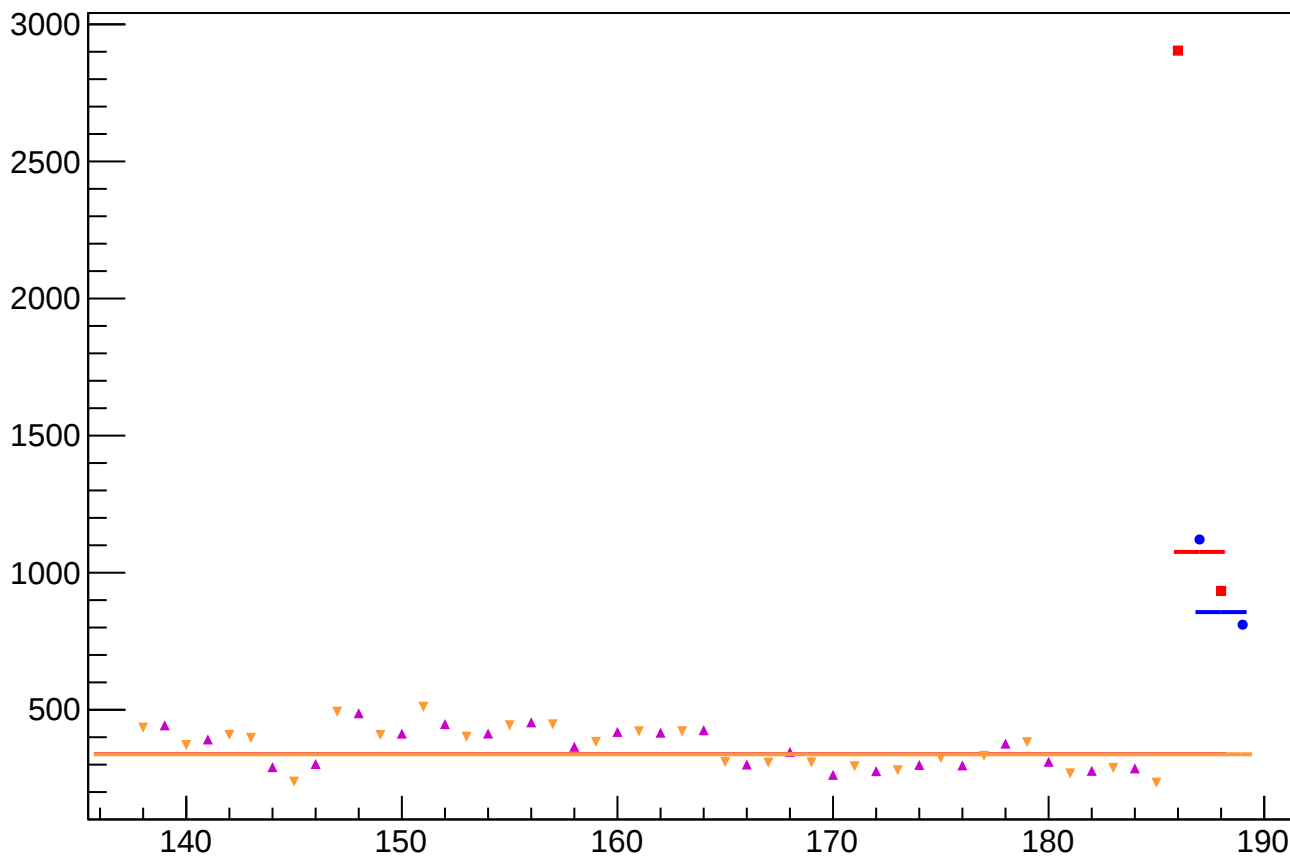
Left In: -50.544 $\pm$ 82.368 χ^2 /NDF: 34.5/22

+ sign 98.406 $\pm$ 80.555 χ^2 /NDF: 28.9/26

All: 25.632 $\pm$ 57.533 χ^2 /NDF: 68.7/51

- sign -50.140 $\pm$ 82.198 χ^2 /NDF: 38.1/24

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 856.335+/-0.784 χ^2/NDF : 19763.2/1

Left Out: 337.809+/-0.057 χ^2/NDF : 1576478.5/24

Right Out: 1075.833+/-0.906 χ^2/NDF : 316999.3/1

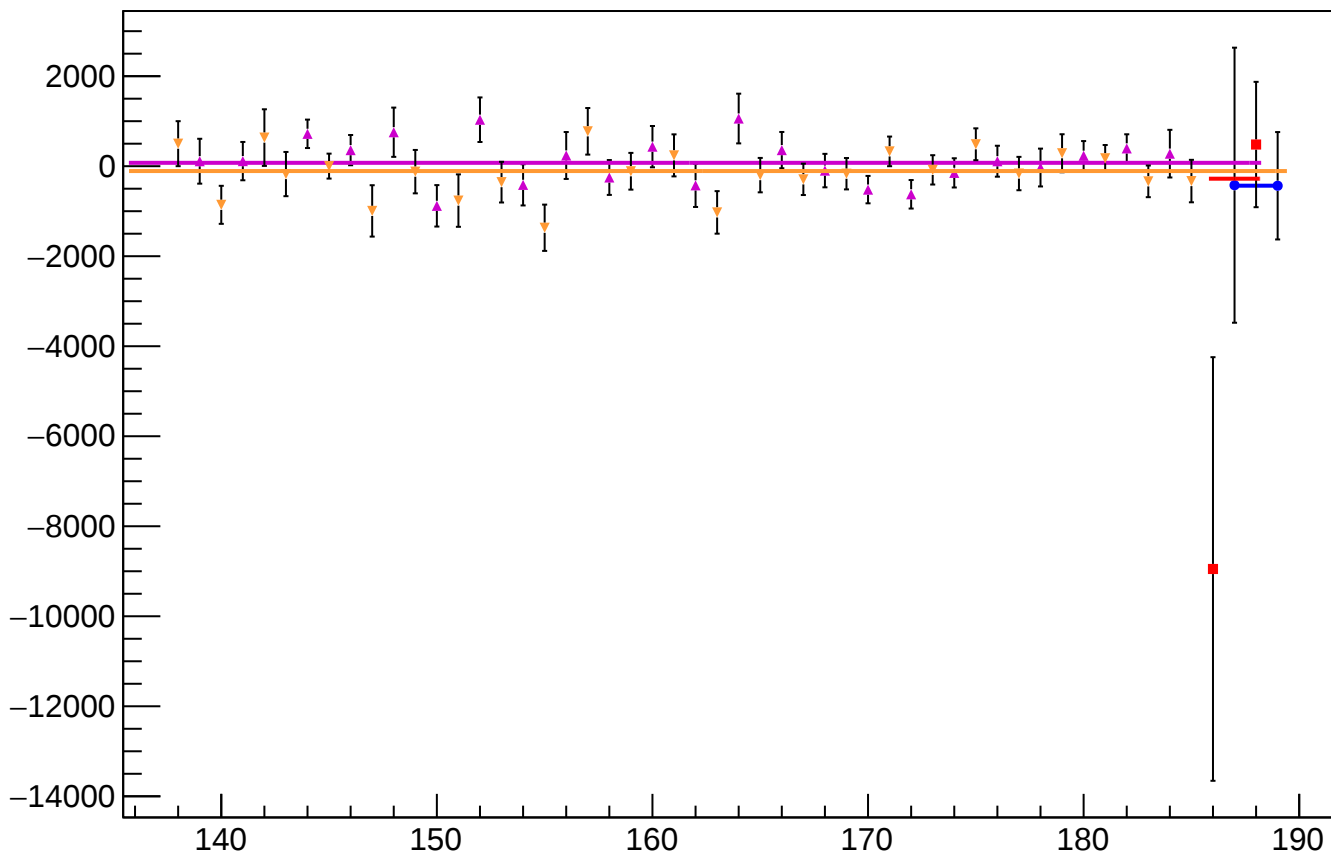
Left In: 338.855+/-0.058 χ^2/NDF : 1225723.5/22

+ sign 340.546+/-0.057 χ^2/NDF : 2031252.6/26

All: 341.203+/-0.041 χ^2/NDF : 4232958.4/51

- sign 341.887+/-0.058 χ^2/NDF : 2201434.5/24

asym_sam_15_26_dd_mean vs Slug



Right In: -433.052 ± 1111.388 χ^2/NDF : 0.0/1

Left Out: -108.037 ± 80.579 χ^2/NDF : 30.9/24

Right Out: -277.754 ± 1335.332 χ^2/NDF : 3.7/1

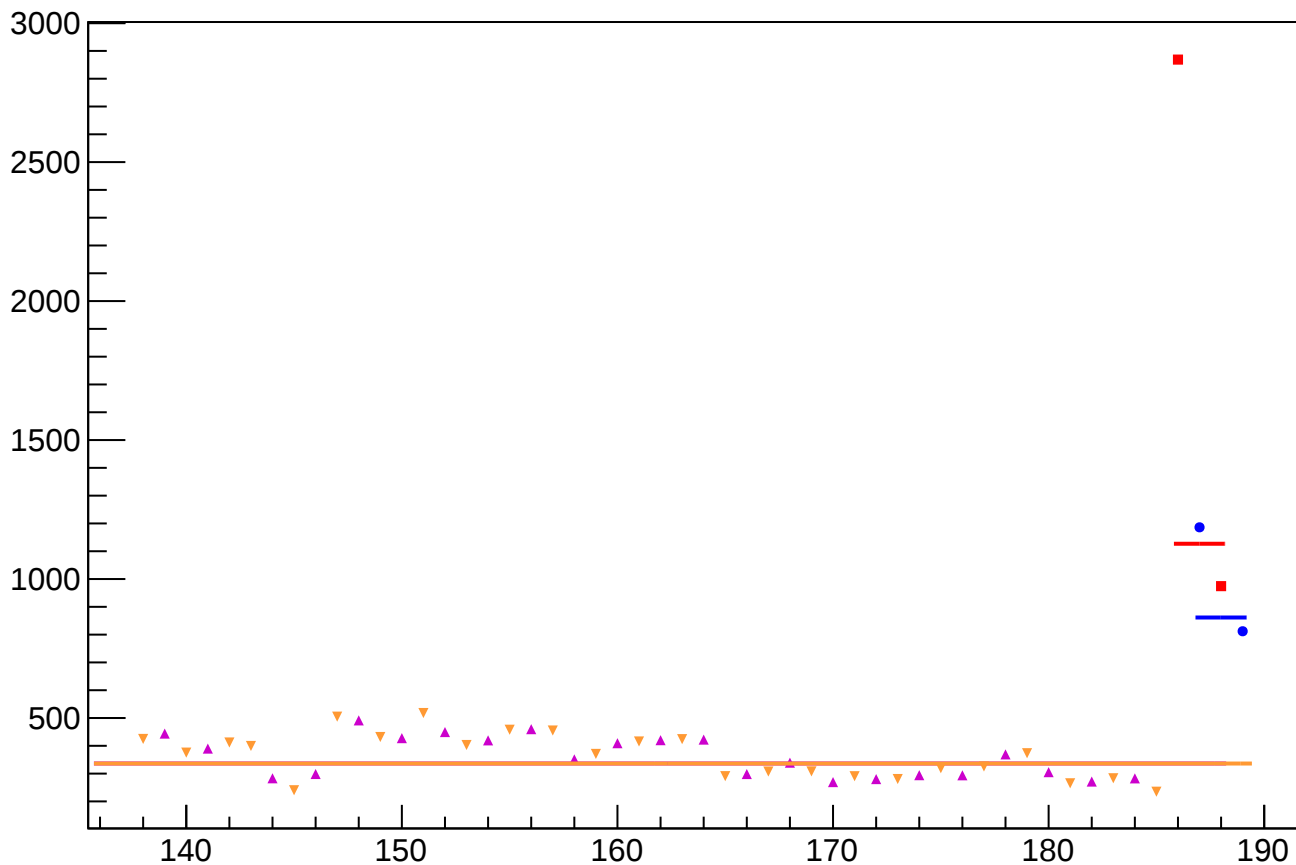
Left In: 74.986 ± 81.949 χ^2/NDF : 32.7/22

+ sign -109.736 ± 80.368 χ^2/NDF : 31.0/26

All: -19.651 ± 57.327 χ^2/NDF : 69.9/51

- sign 73.662 ± 81.795 χ^2/NDF : 36.4/24

asym_sam_15_26_dd_rms vs Slug



Right In: 861.588+/-0.786 χ^2/NDF : 25984.1/1

Left Out: 336.231+/-0.057 χ^2/NDF :1659693.0/24

+ sign 338.978+/-0.057 χ^2/NDF : 2130238.0/26

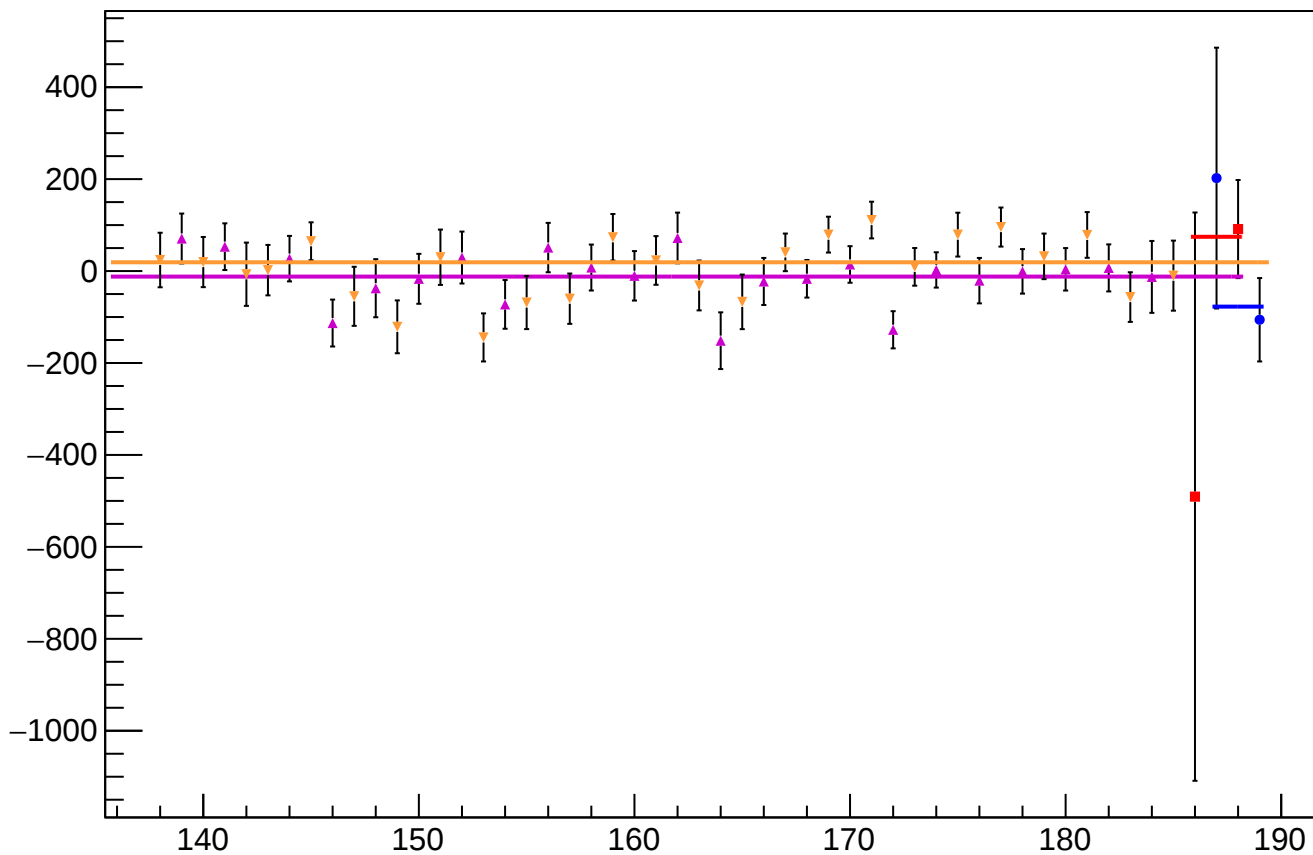
Right Out: 1126.930+/-0.944 χ^2/NDF : 297961.8/1

All: 339.167+/-0.041 χ^2/NDF : 4396139.4/51

- sign 339.362+/-0.058 χ^2/NDF : 2265879.0/24

Left In: 336.396+/-0.058 χ^2/NDF :1269587.6/22

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -77.356 ± 86.399 χ^2/NDF : 1.1/1

Left Out: 19.081 ± 10.131 χ^2/NDF : 43.6/24

Right Out: 74.535 ± 105.166 χ^2/NDF : 0.9/1

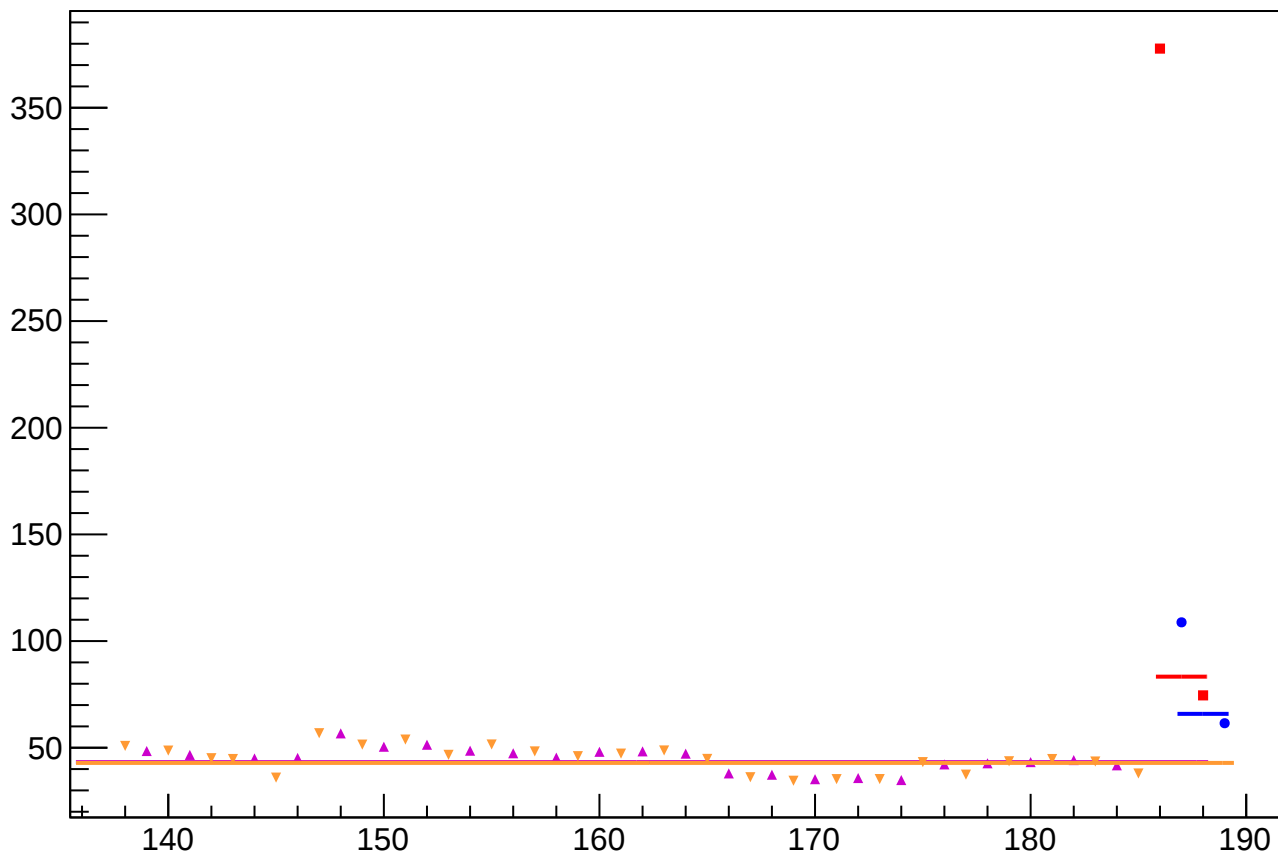
Left In: -12.058 ± 10.418 χ^2/NDF : 28.7/22

+ sign 17.773 ± 10.063 χ^2/NDF : 45.9/26

All: 3.711 ± 7.221 χ^2/NDF : 80.1/51

- sign -11.216 ± 10.367 χ^2/NDF : 30.2/24

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 65.880 $\pm$ 0.061 χ^2 /NDF: 50427.6/1

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

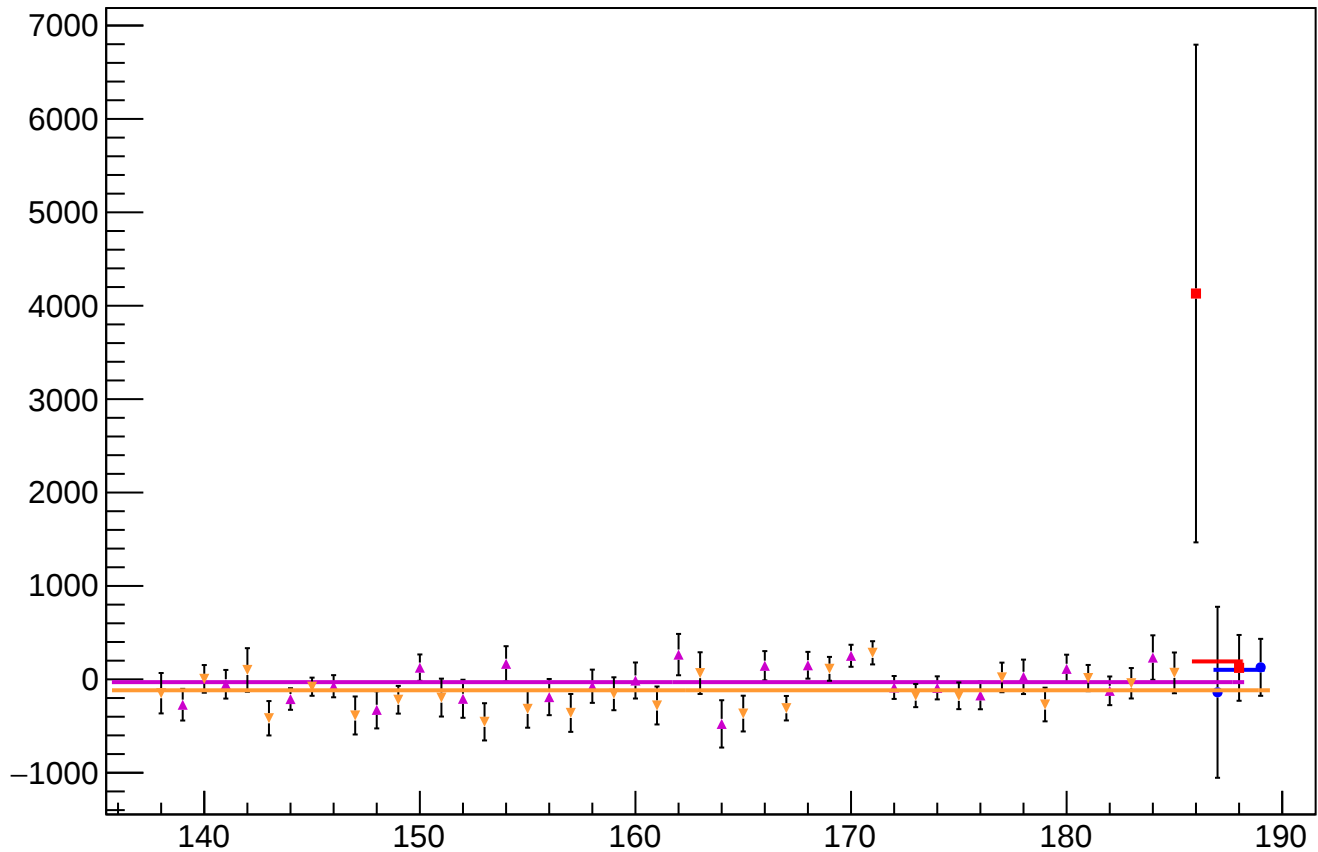
Left In: 43.271 $\pm$ 0.007 χ^2 /NDF: 588041.1/22

+ sign 43.203 $\pm$ 0.007 χ^2 /NDF: 966813.7/26

All: 43.425 $\pm$ 0.005 χ^2 /NDF: 2311349.2/51

- sign 43.661 $\pm$ 0.007 χ^2 /NDF: 1342525.0/24

asym_sam_37_26_dd_correction_mean vs Slug



Right In: 101.925 $\pm$ 289.261 χ^2/NDF : 0.1/1

Left Out: -117.049 $\pm$ 32.089 χ^2/NDF : 34.6/24

Right Out: 191.790 $\pm$ 349.310 χ^2/NDF : 2.2/1

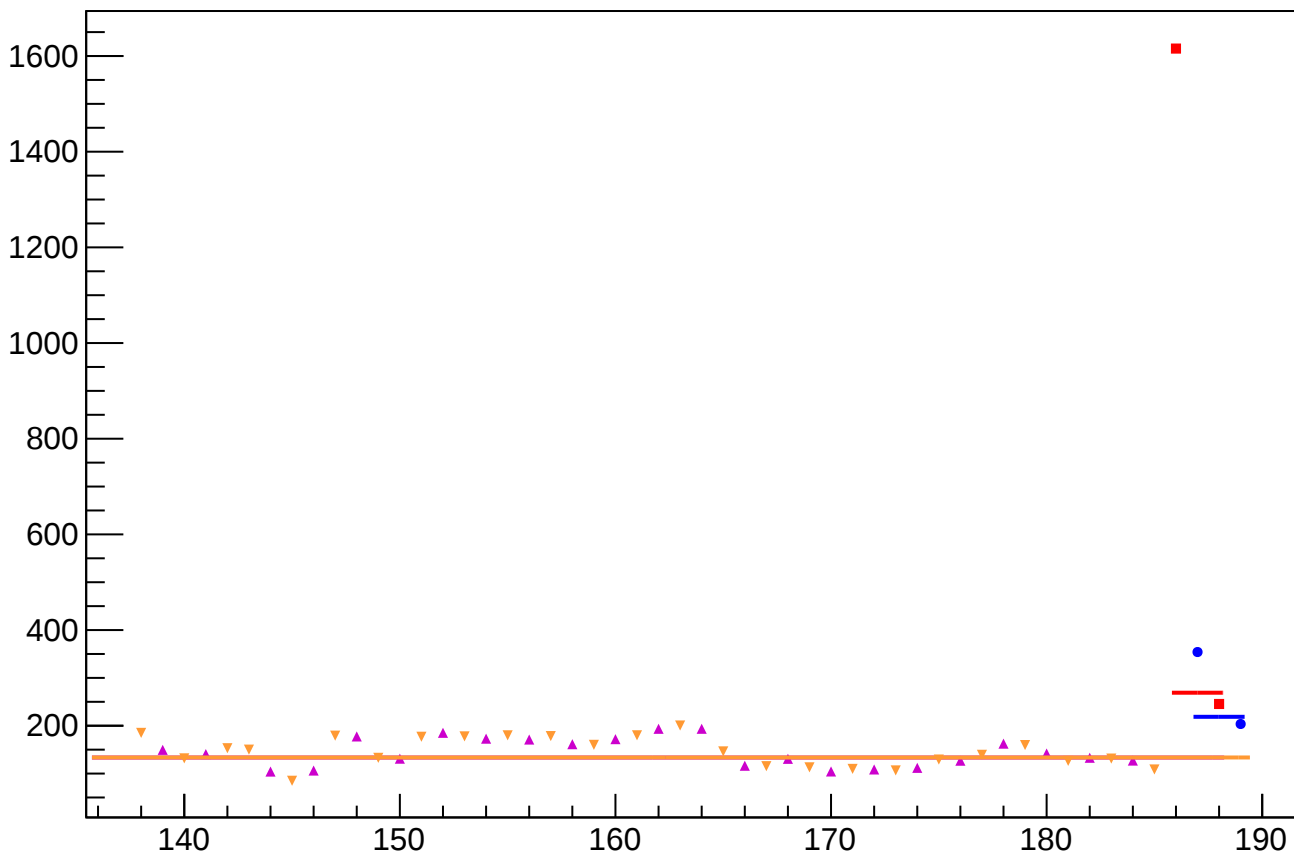
Left In: -29.883 $\pm$ 32.539 χ^2/NDF : 28.1/22

+ sign -114.387 $\pm$ 31.894 χ^2/NDF : 35.2/26

All: -71.861 $\pm$ 22.729 χ^2/NDF : 69.5/51

- sign -27.976 $\pm$ 32.399 χ^2/NDF : 30.7/24

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 218.652 $\pm$ 0.205 χ^2 /NDF: 48607.1/1

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

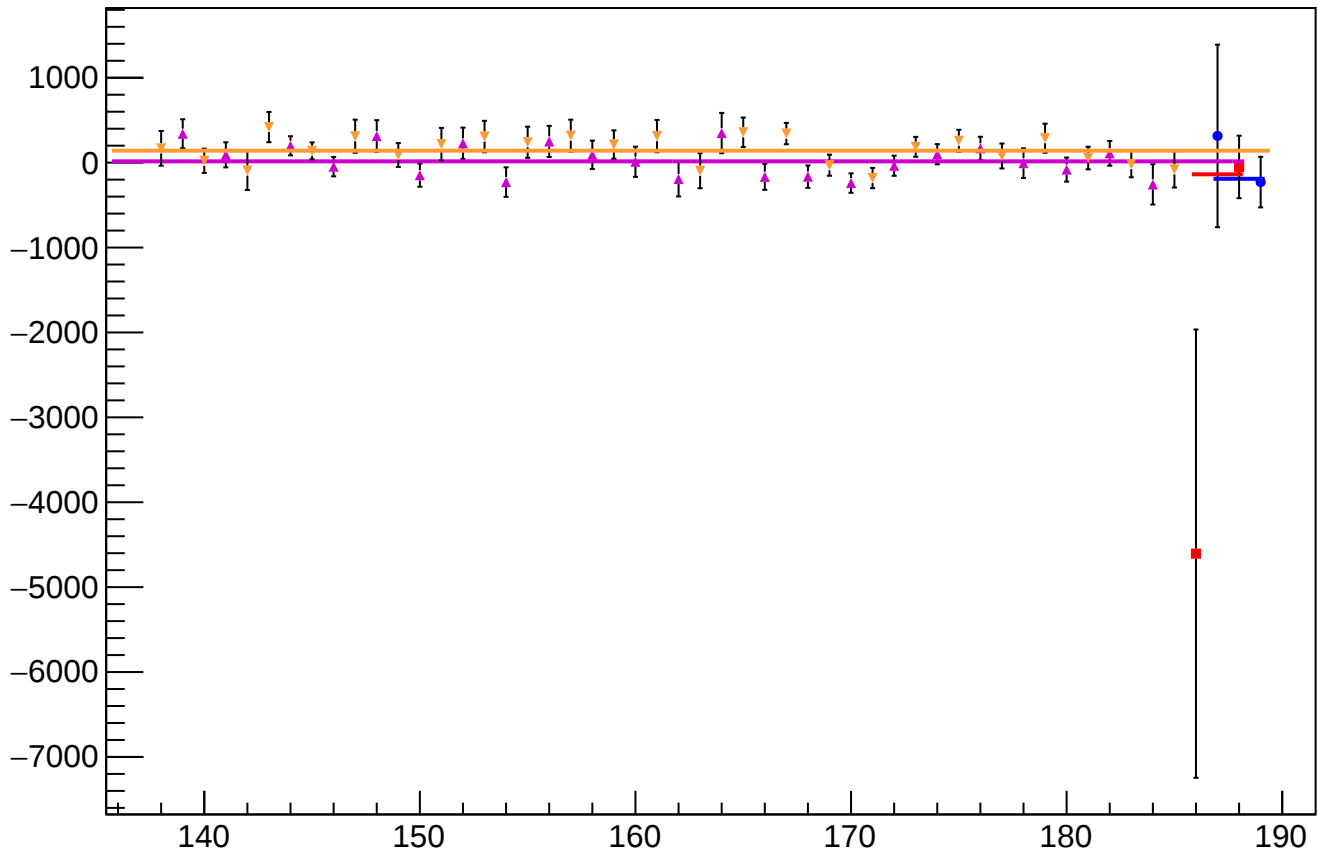
Left In: 133.485 $\pm$ 0.023 χ^2 /NDF: 1387618.1/22

+ sign 134.682 $\pm$ 0.023 χ^2 /NDF: 2031030.0/26

All: 134.667 $\pm$ 0.016 χ^2 /NDF: 4236992.4/51

- sign 134.651 $\pm$ 0.023 χ^2 /NDF: 2205961.4/24

asym_sam_37_26_dd_mean vs Slug



Right In: -190.213 ± 287.148 $\chi^2/\text{NDF}: 0.2/1$

Left Out: 141.008 ± 30.636 $\chi^2/\text{NDF}: 27.1/24$

Right Out: -137.358 ± 364.348 $\chi^2/\text{NDF}: 2.9/1$

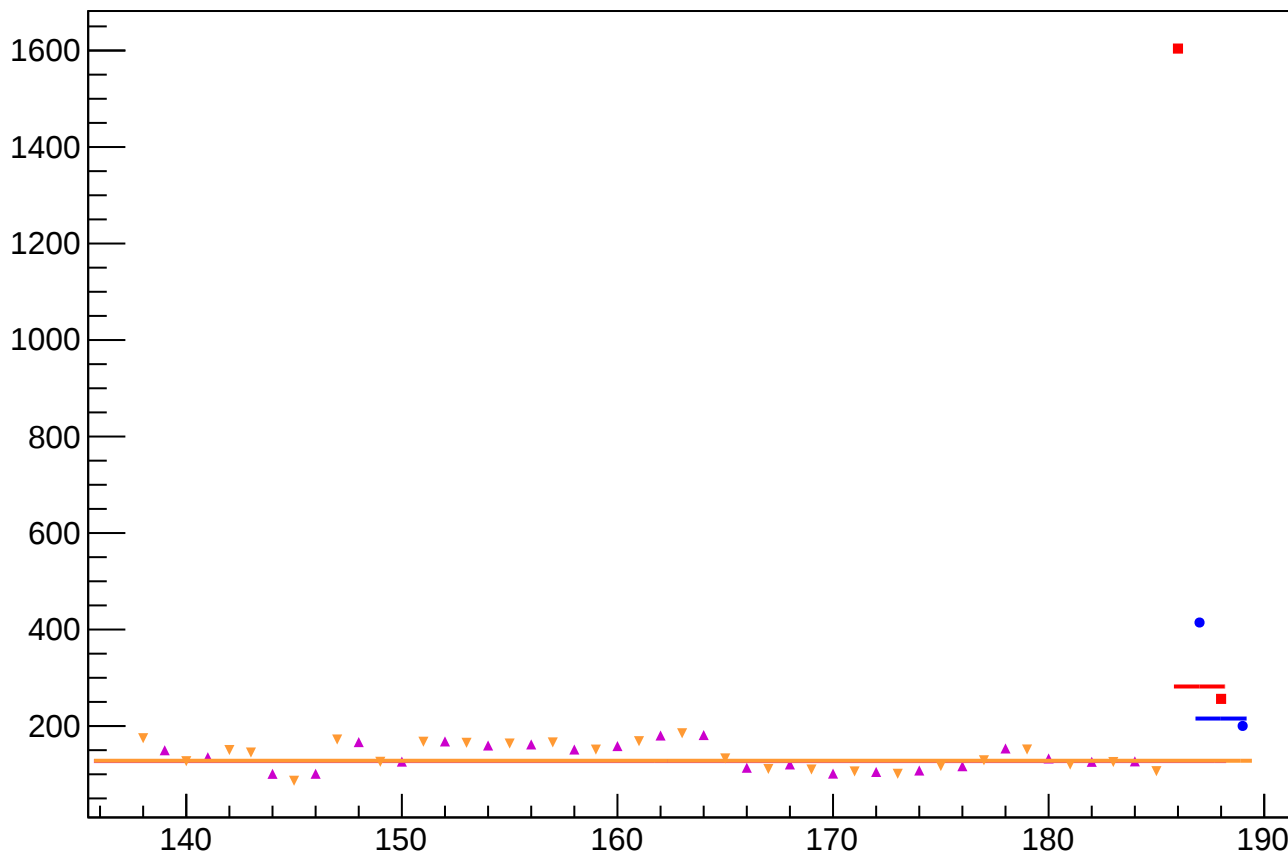
Left In: 15.199 ± 31.033 $\chi^2/\text{NDF}: 31.4/22$

+ sign 137.280 ± 30.463 $\chi^2/\text{NDF}: 28.7/26$

All: 76.610 ± 21.701 $\chi^2/\text{NDF}: 71.2/51$

- sign 14.100 ± 30.921 $\chi^2/\text{NDF}: 34.5/24$

asym_sam_37_26_dd_rms vs Slug



Right In: 215.536 $\pm$ 0.203 χ^2 /NDF: 73849.2/1

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

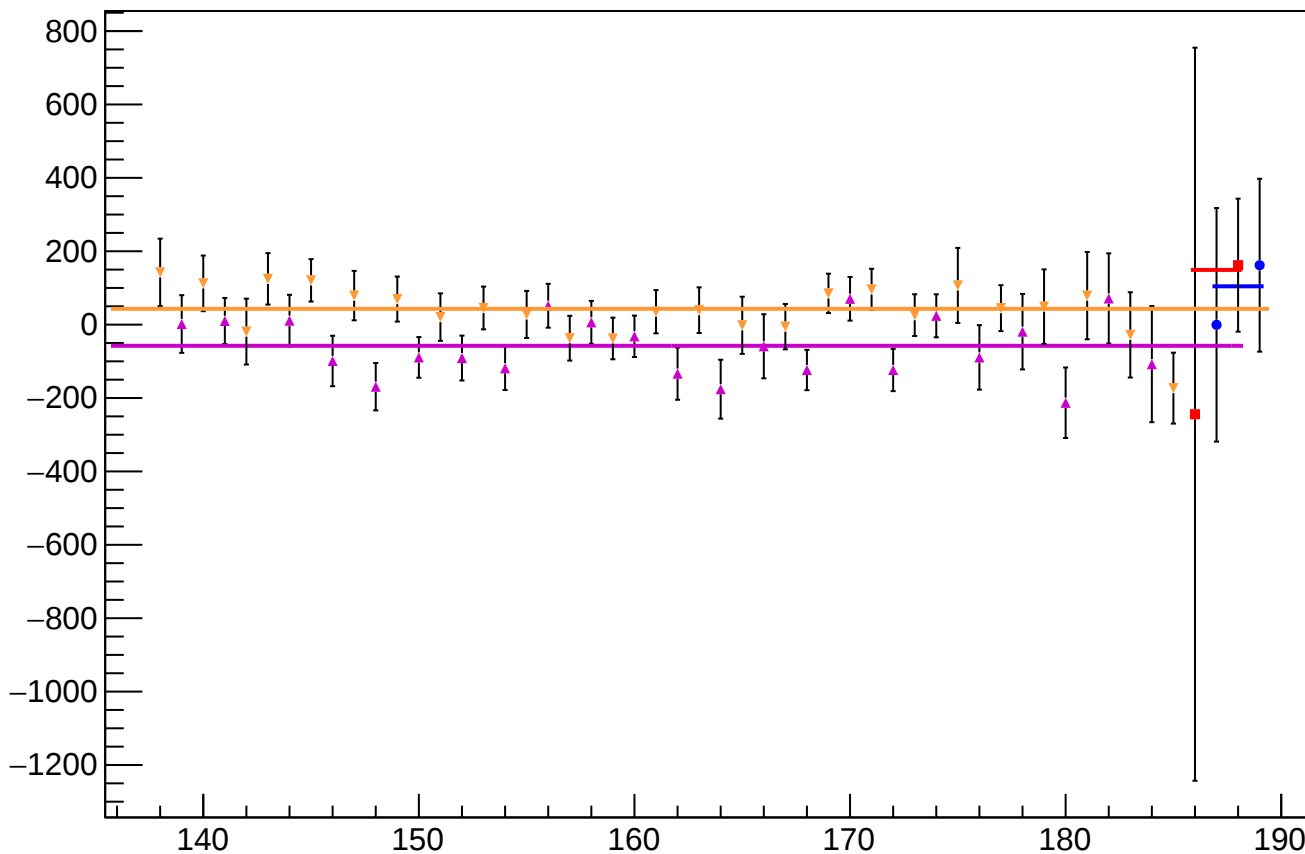
Left In: 127.380 $\pm$ 0.022 χ^2 /NDF: 1229899.0/22

+ sign 129.044 $\pm$ 0.022 χ^2 /NDF: 1787654.3/26

All: 128.773 $\pm$ 0.015 χ^2 /NDF: 3886501.8/51

- sign 128.493 $\pm$ 0.022 χ^2 /NDF: 2098525.0/24

dit_asym_sam_1357_avg_mean vs Slug



Right In: 104.466 $\pm$ 189.336 χ^2 /NDF: 0.2/1

Left Out: 43.099 $\pm$ 13.598 χ^2 /NDF:18.5/24

Right Out: 149.119 $\pm$ 178.301 χ^2 /NDF: 0.2/1

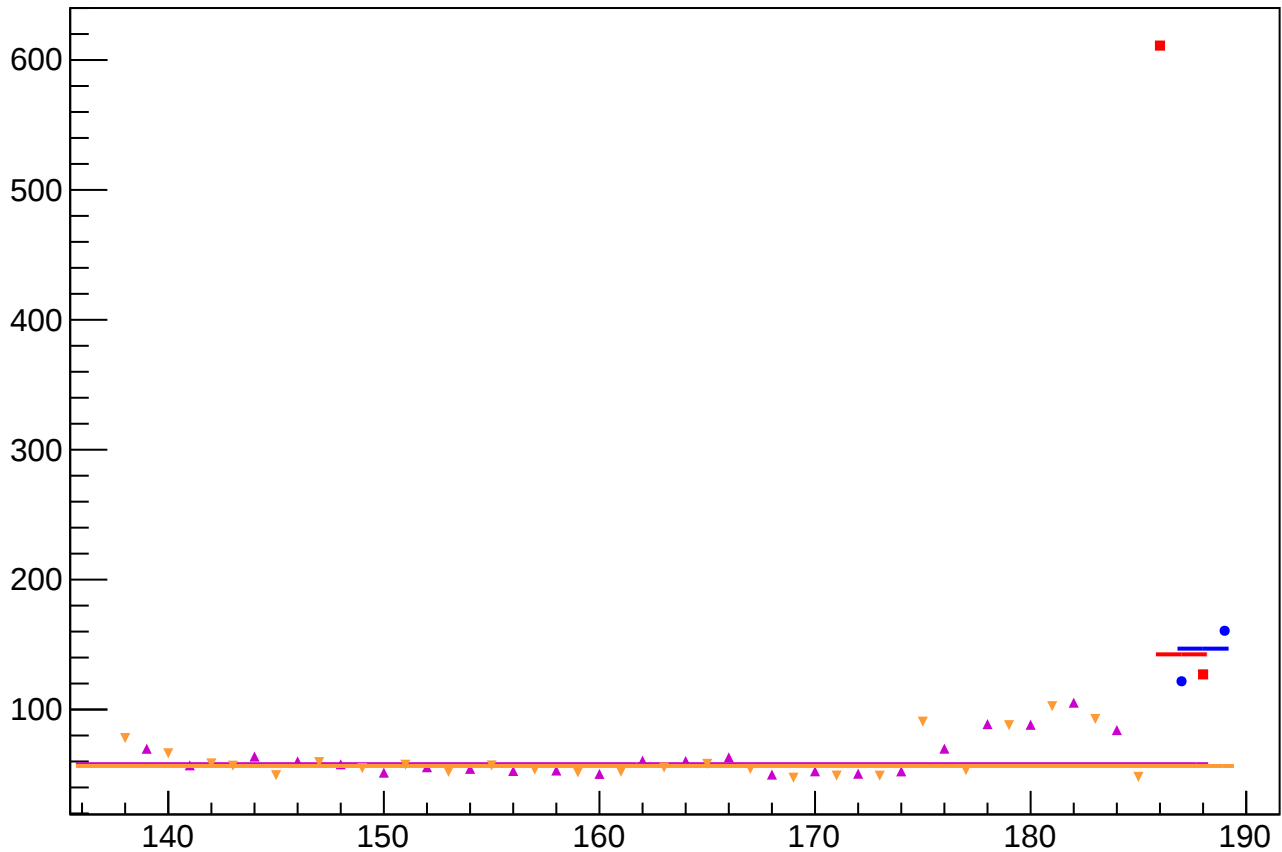
Left In: -57.672 $\pm$ 14.197 χ^2 /NDF:29.2/22

+ sign 43.414 $\pm$ 13.563 χ^2 /NDF: 18.7/26

All: -4.359 $\pm$ 9.792 χ^2 /NDF: 75.3/51

- sign -56.369 $\pm$ 14.152 χ^2 /NDF: 30.7/24

dit_asym_sam_1357_avg_rms vs Slug



Right In: 146.864 $\pm$ 0.134 χ^2/NDF : 19290.6/1

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

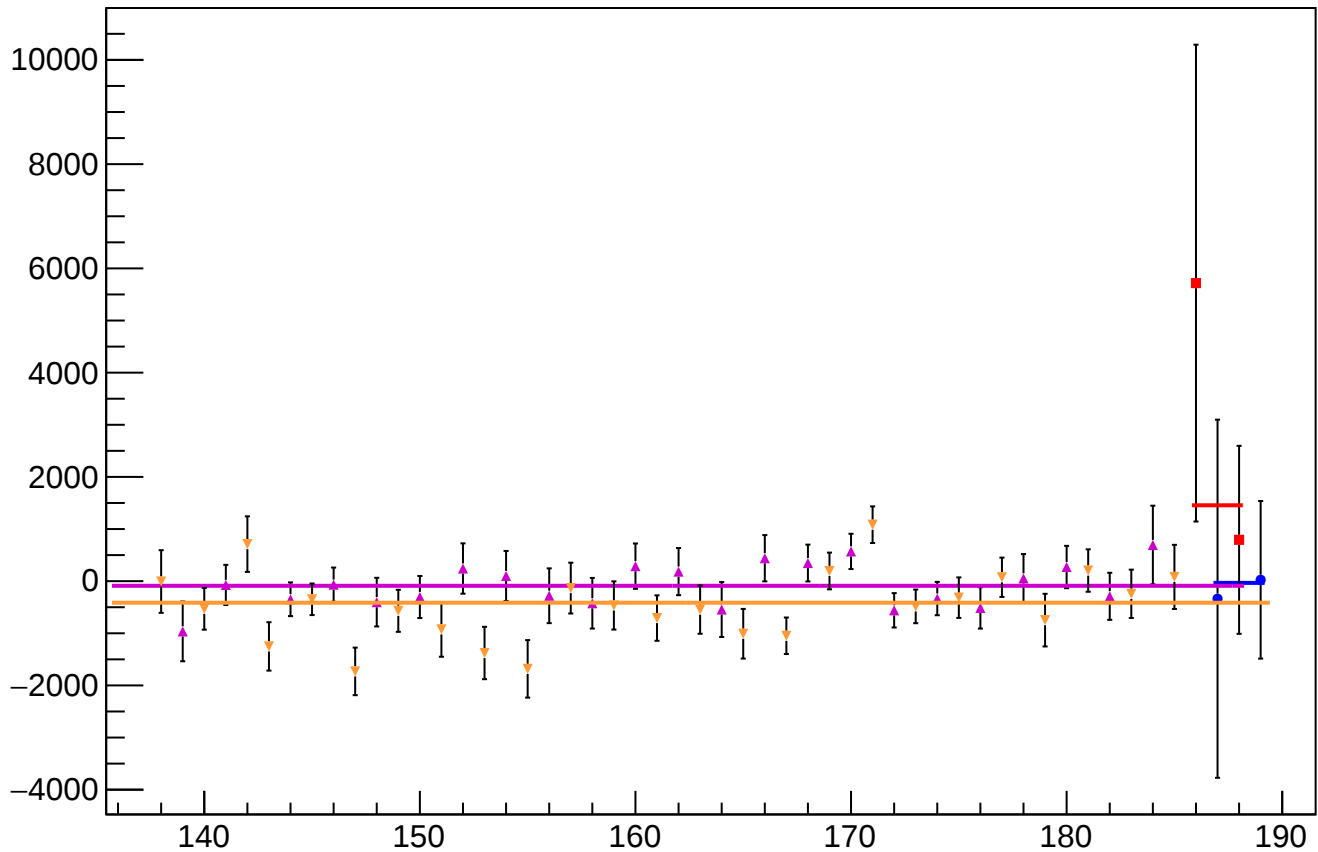
Left In: 57.902 $\pm$ 0.010 χ^2/NDF : 1053676.8/22

+ sign 57.013 $\pm$ 0.010 χ^2/NDF : 1753747.2/26

All: 57.694 $\pm$ 0.007 χ^2/NDF : 3719698.1/51

- sign 58.435 $\pm$ 0.010 χ^2/NDF : 1955433.0/24

asym_sam_1357_avg_correction_mean vs Slug



Right In: -32.978 ± 1383.717 χ^2/NDF : 0.0/1

Left Out: -413.404 ± 85.138 χ^2/NDF : 58.9/24

Right Out: 1455.529 ± 1677.560 χ^2/NDF : 1.0/1

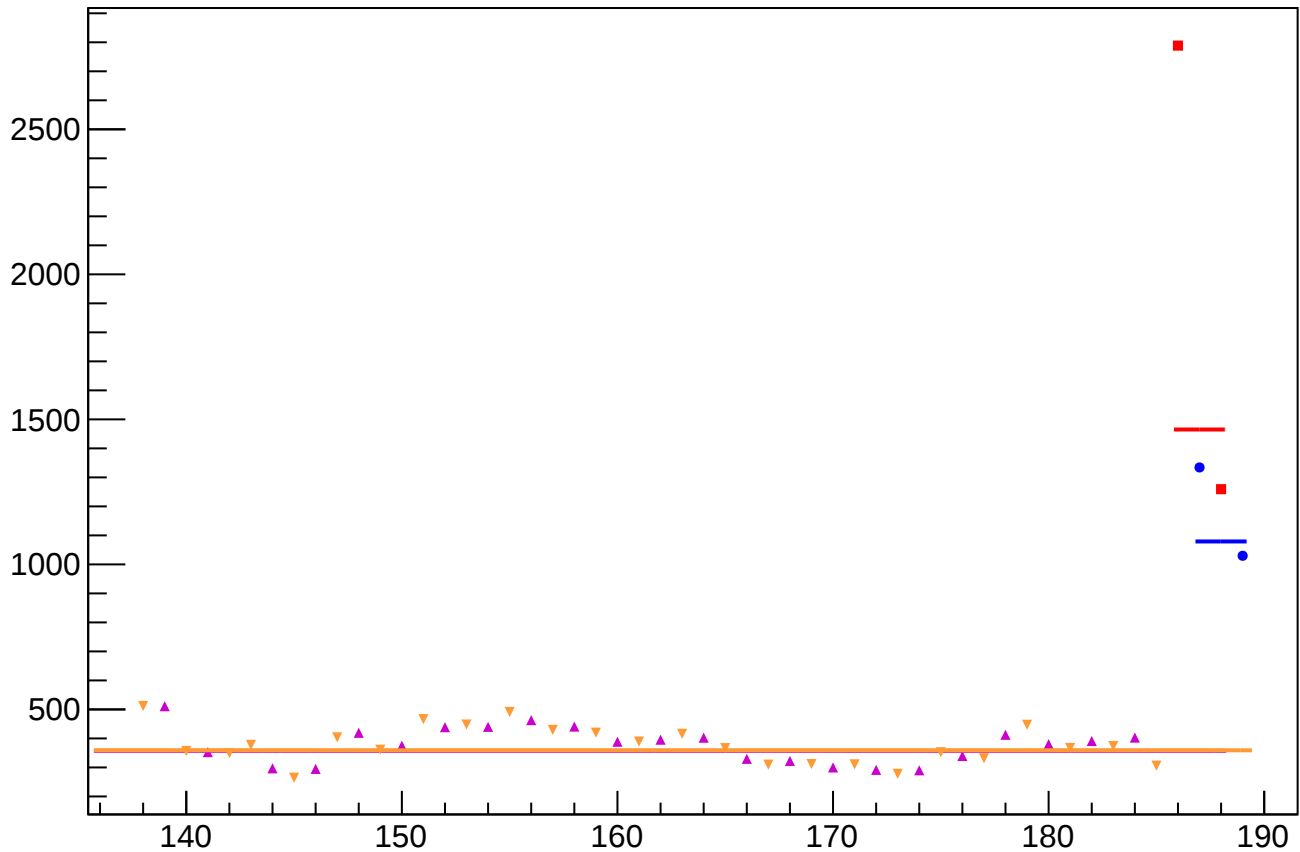
Left In: -88.888 ± 86.344 χ^2/NDF : 19.5/22

+ sign -411.969 ± 84.978 χ^2/NDF : 59.0/26

All: -250.781 ± 60.526 χ^2/NDF : 87.6/51

- sign -84.808 ± 86.230 χ^2/NDF : 21.3/24

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1079.114 $\pm$ 0.978 χ^2 /NDF: 13167.9/1

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

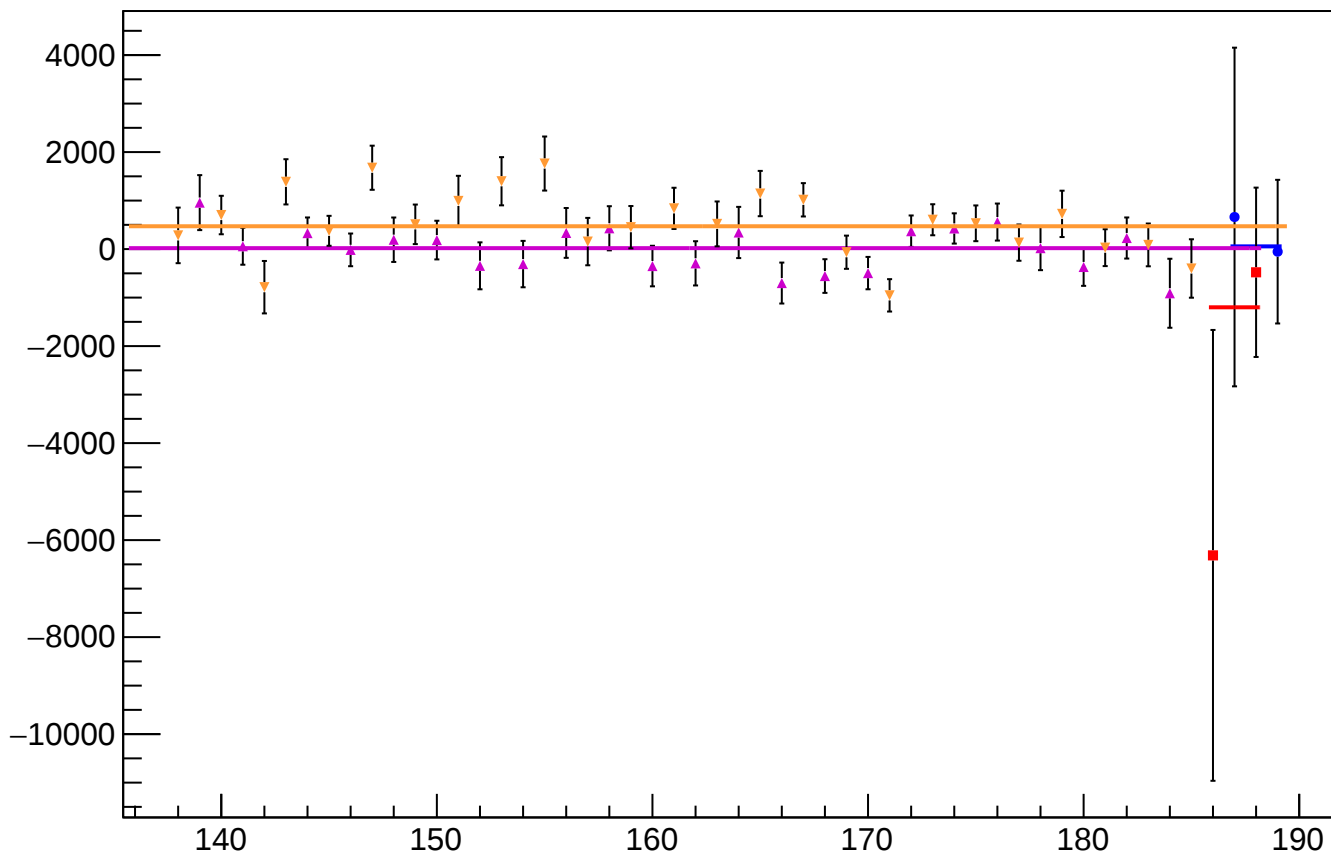
Left In: 357.207 $\pm$ 0.061 χ^2 /NDF:930542.1/22

+ sign 361.805 $\pm$ 0.060 χ^2 /NDF: 1608129.5/26

All: 360.982 $\pm$ 0.043 χ^2 /NDF: 3602506.6/51

- sign 360.134 $\pm$ 0.061 χ^2 /NDF: 1993996.3/24

asym_sam_1357_avg_mean vs Slug



Right In: 56.117 ± 1363.193 χ^2/NDF : 0.0/1

Left Out: 470.804 ± 83.480 χ^2/NDF : 58.7/24

Right Out: -1200.102 ± 1634.250 χ^2/NDF : 1.4/1

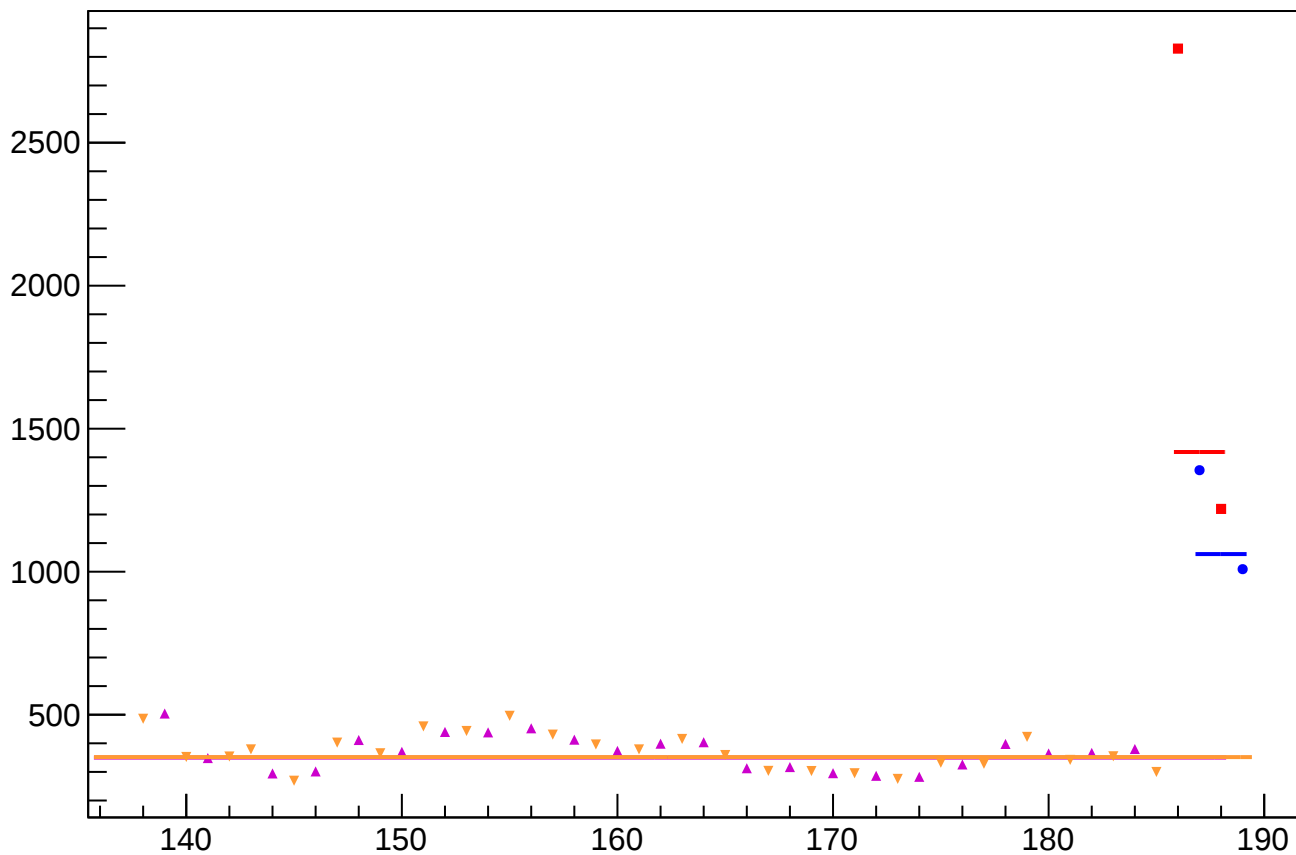
Left In: 19.328 ± 84.679 χ^2/NDF : 23.7/22

+ sign 469.255 ± 83.324 χ^2/NDF : 58.8/26

All: 246.012 ± 59.353 χ^2/NDF : 99.0/51

- sign 16.062 ± 84.566 χ^2/NDF : 25.6/24

asym_sam_1357_avg_rms vs Slug



Right In: 1061.636 $\pm$ 0.964 χ^2 /NDF: 16653.2/1

Left Out: 351.777 $\pm$ 0.059 χ^2 /NDF:1016791.1/24

Right Out: 1418.518 $\pm$ 1.156 χ^2 /NDF: 210174.0/1

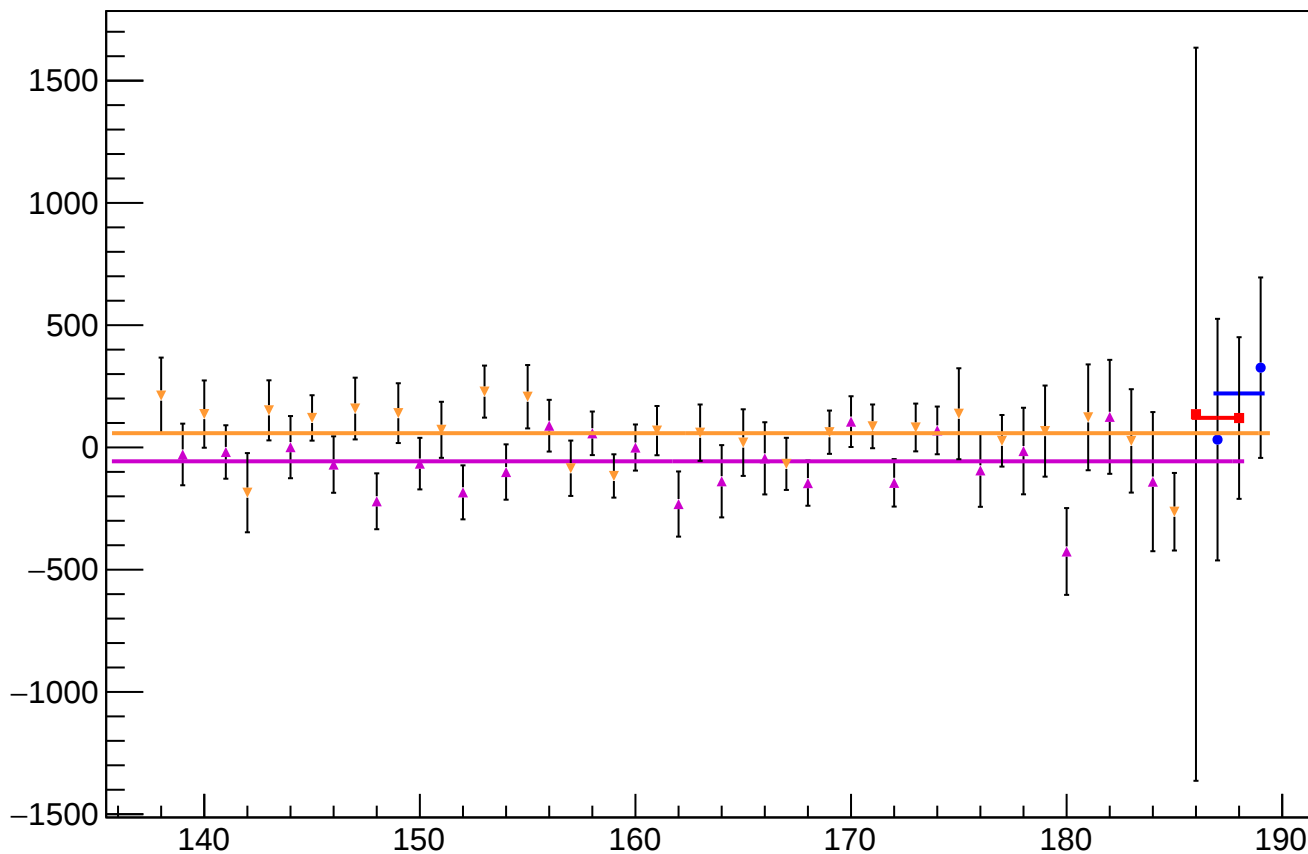
Left In: 350.037 $\pm$ 0.060 χ^2 /NDF:889435.7/22

+ sign 354.429 $\pm$ 0.059 χ^2 /NDF: 1573742.7/26

All: 353.675 $\pm$ 0.042 χ^2 /NDF: 3526317.8/51

- sign 352.898 $\pm$ 0.060 χ^2 /NDF: 1952242.5/24

dit_asym_sam_2468_avg_mean vs Slug



Right In: 220.801 $\pm$ 295.655 χ^2 /NDF: 0.2/1

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

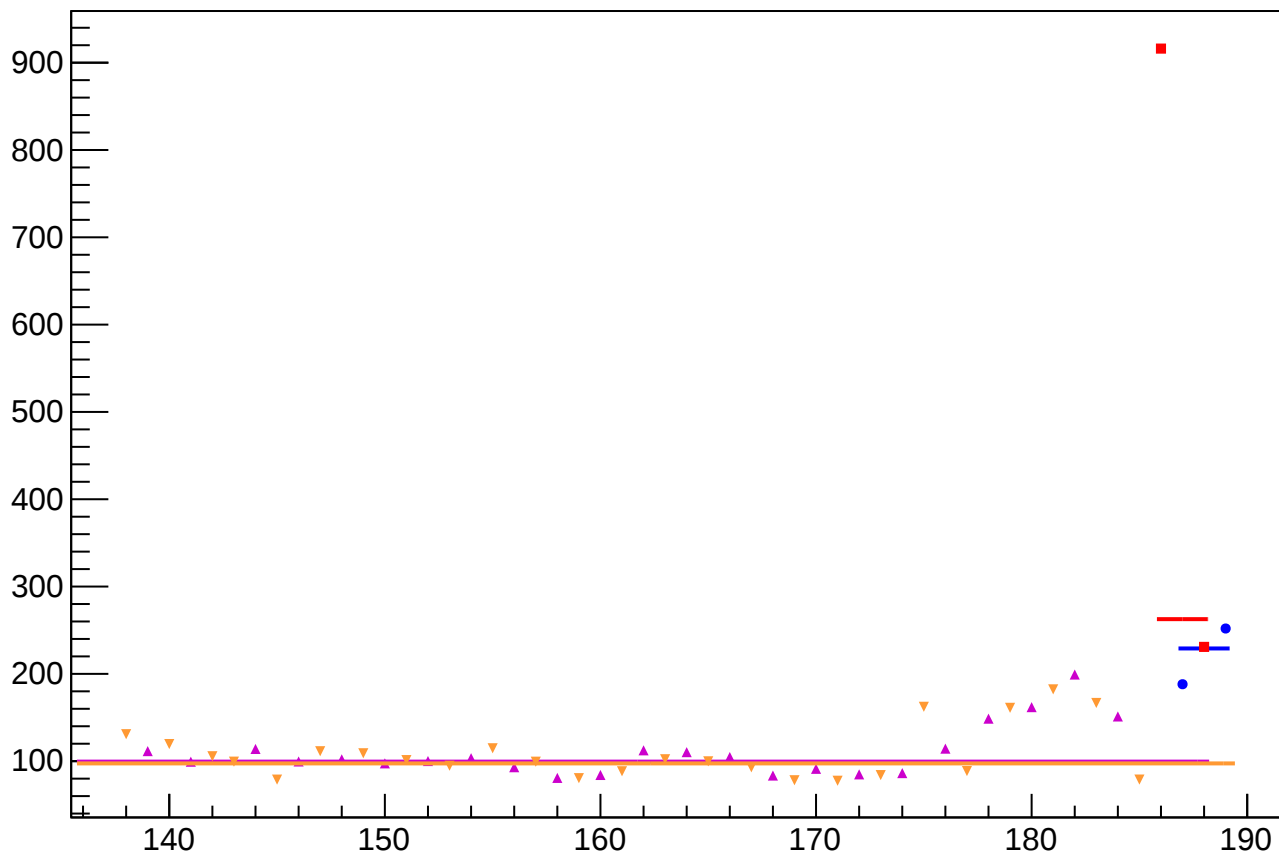
Left In: -56.757 $\pm$ 24.650 χ^2 /NDF:20.9/22

+ sign 59.333 $\pm$ 23.644 χ^2 /NDF: 21.7/26

All: 4.030 $\pm$ 17.040 χ^2 /NDF: 54.2/51

- sign -55.727 $\pm$ 24.578 χ^2 /NDF: 21.2/24

dit_asym_sam_2468_avg_rms vs Slug



Right In: 229.098 $\pm$ 0.209 χ^2 /NDF: 21411.6/1

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

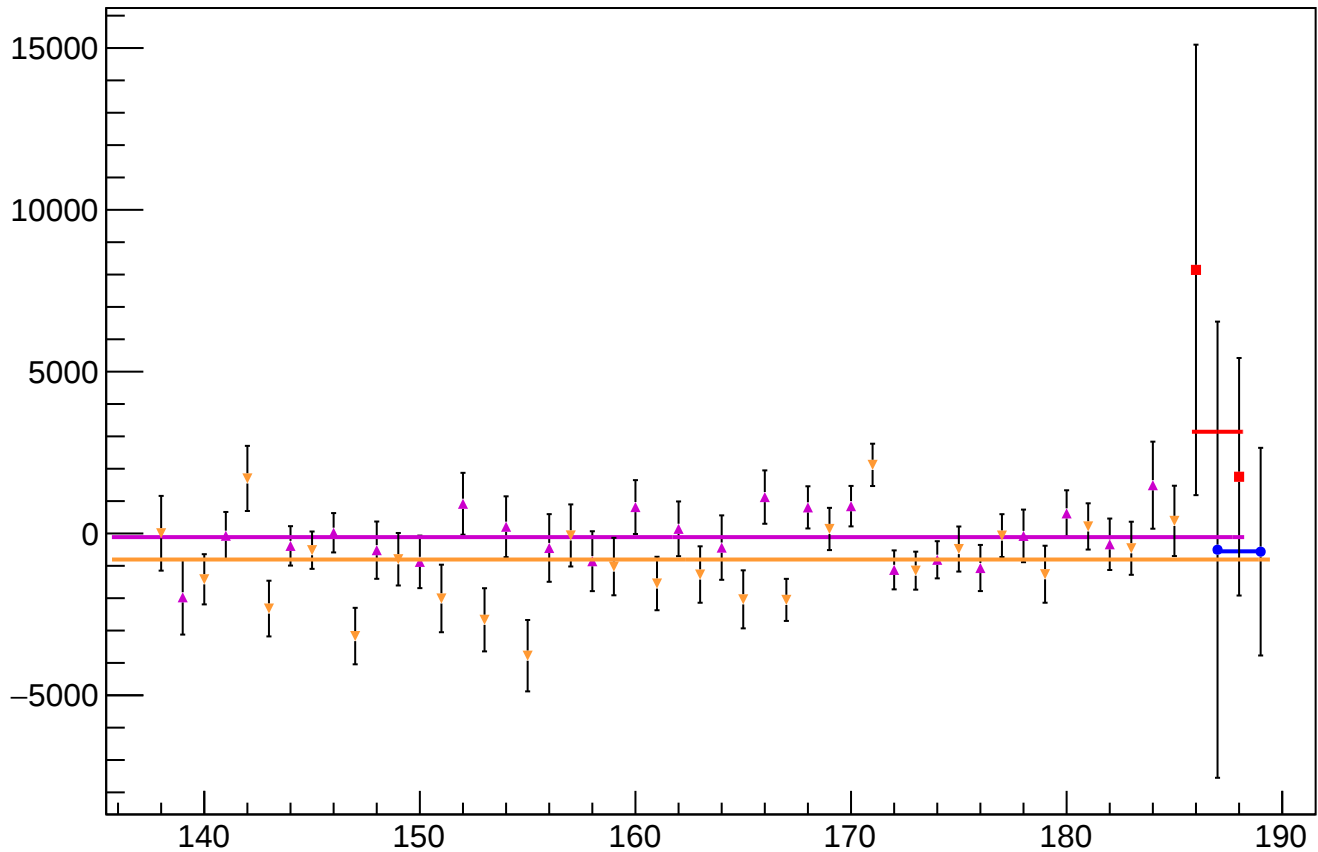
Left In: 99.506 $\pm$ 0.017 χ^2 /NDF: 1235754.5/22

+ sign 98.285 $\pm$ 0.017 χ^2 /NDF: 2093912.6/26

All: 99.326 $\pm$ 0.012 χ^2 /NDF: 4244148.2/51

- sign 100.452 $\pm$ 0.017 χ^2 /NDF: 2142156.3/24

asym_sam_2468_avg_correction_mean vs Slug



Right In: -551.984 $\pm$ 2920.003 χ^2/NDF : 0.0/1

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

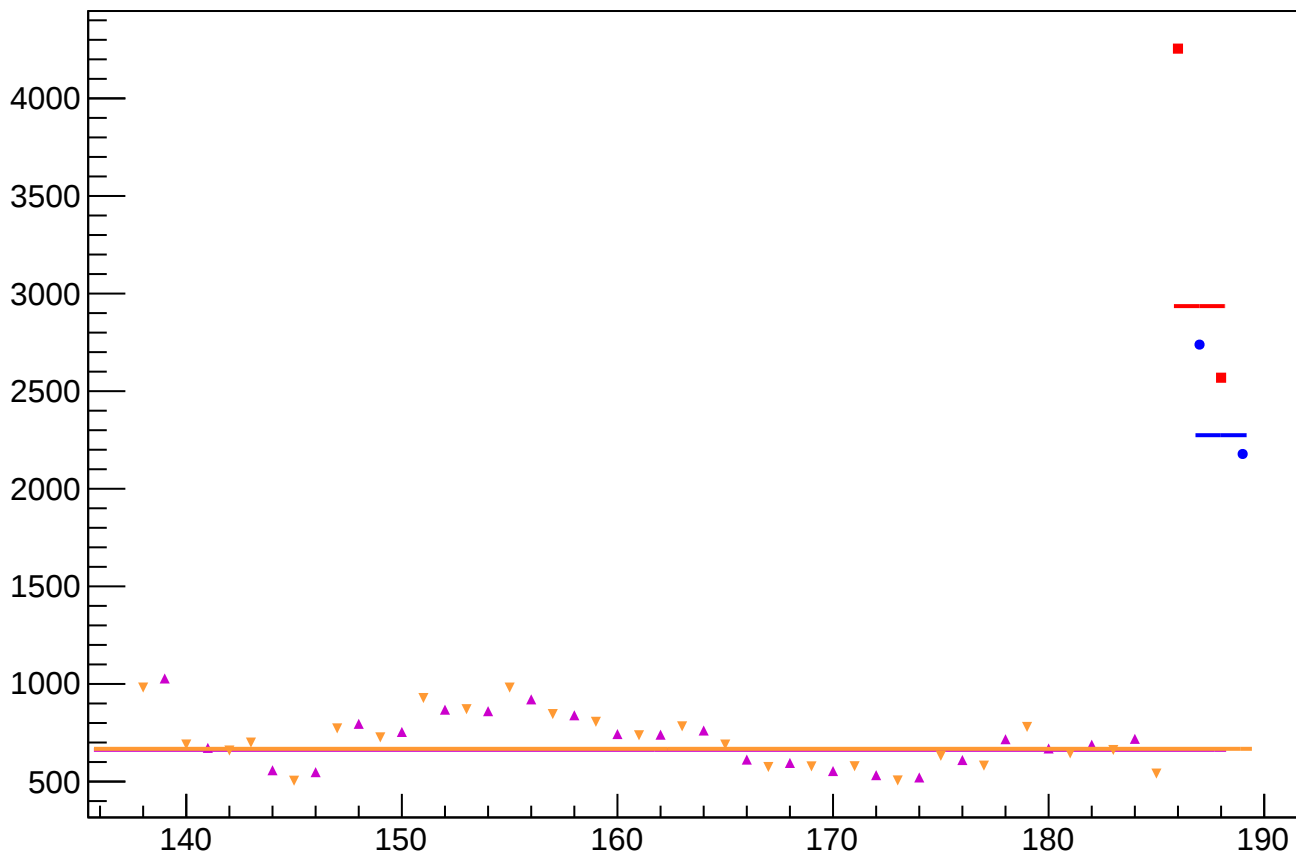
Left In: -112.802 $\pm$ 160.711 χ^2/NDF : 22.7/22

+ sign -804.106 $\pm$ 158.594 χ^2/NDF : 65.2/26

All: -458.683 $\pm$ 112.816 χ^2/NDF : 99.1/51

- sign -104.843 $\pm$ 160.515 χ^2/NDF : 24.3/24

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2274.428+/-2.065 χ^2/NDF : 10470.3/1

Left Out: 667.726+/-0.112 χ^2/NDF : 1262178.1/24

Right Out: 2935.767+/-2.296 χ^2/NDF : 91826.5/1

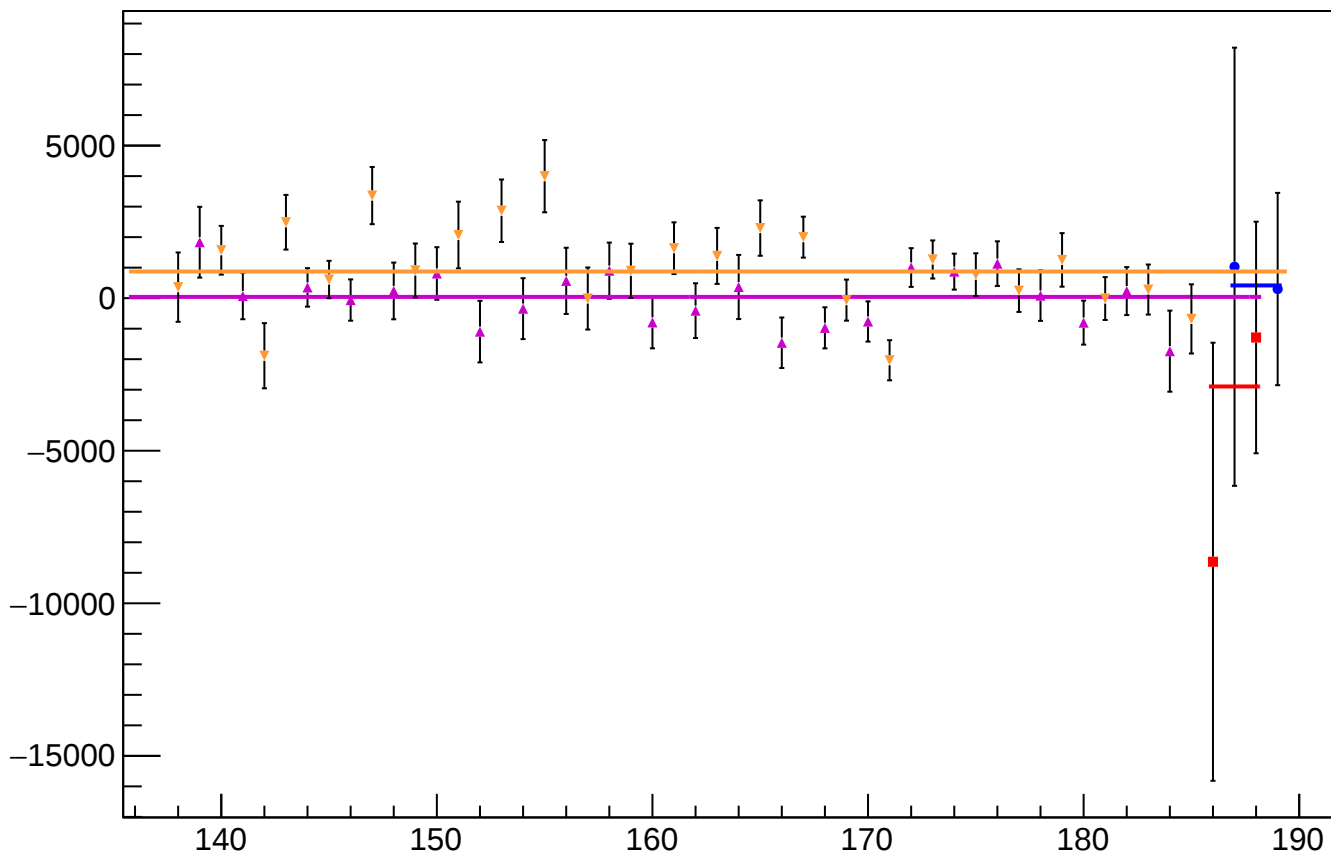
Left In: 662.577+/-0.114 χ^2/NDF : 1163749.4/22

+ sign 672.466+/-0.112 χ^2/NDF : 1876389.9/26

All: 670.326+/-0.080 χ^2/NDF : 4110893.2/51

- sign 668.134+/-0.114 χ^2/NDF : 2233766.2/24

asym_sam_2468_avg_mean vs Slug



Right In: 416.847 $\pm$ 2885.814 χ^2 /NDF: 0.0/1

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

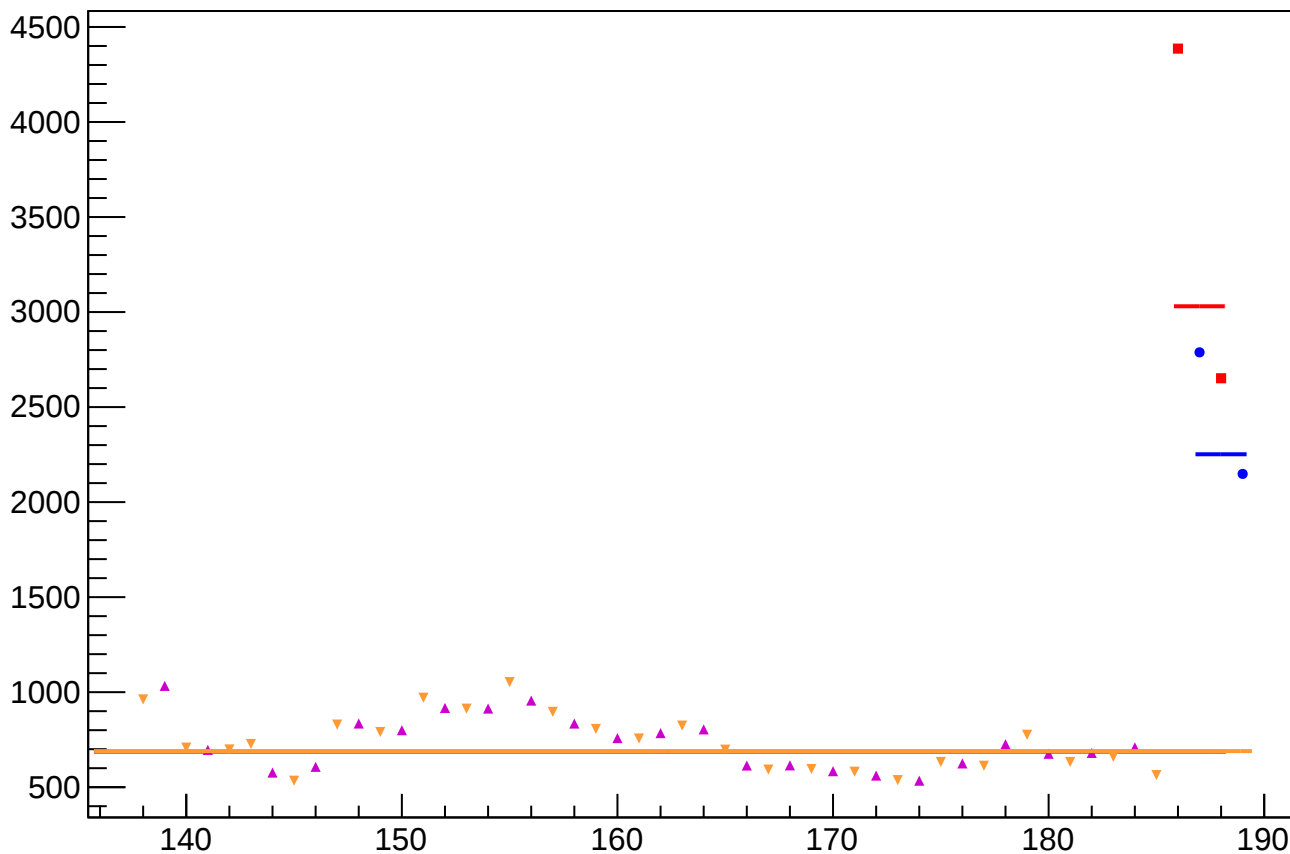
Left In: 41.522 $\pm$ 166.728 χ^2 /NDF: 24.1/22

+ sign 871.971 $\pm$ 164.003 χ^2 /NDF: 64.2/26

All: 459.515 $\pm$ 116.848 χ^2 /NDF: 102.7/51

- sign 34.290 $\pm$ 166.522 χ^2 /NDF: 25.7/24

asym_sam_2468_avg_rms vs Slug



Right In: 2251.736 $\pm$ 2.041 χ^2 /NDF: 13309.5/1

Left Out: 689.767 $\pm$ 0.116 χ^2 /NDF:1258608.7/24

Right Out: 3030.462 $\pm$ 2.372 χ^2 /NDF: 91241.0/1

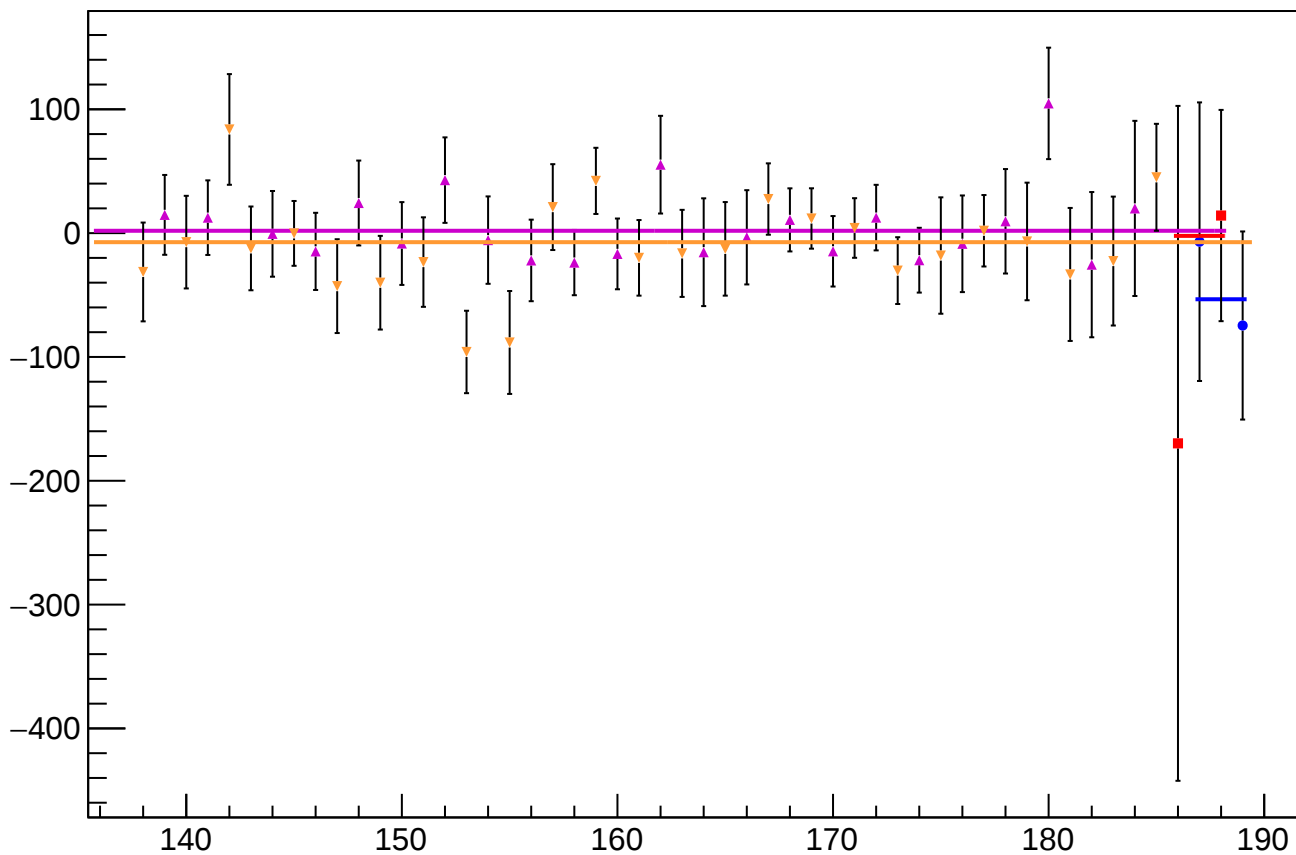
Left In: 686.944 $\pm$ 0.118 χ^2 /NDF:1116042.4/22

+ sign 694.811 $\pm$ 0.116 χ^2 /NDF: 1855946.0/26

All: 693.780 $\pm$ 0.083 χ^2 /NDF: 4036936.2/51

- sign 692.718 $\pm$ 0.118 χ^2 /NDF: 2180829.7/24

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -53.407 ± 62.951 χ^2/NDF : 0.2/1

Left Out: -7.302 ± 6.746 χ^2/NDF : 26.7/24

Right Out: -2.212 ± 81.414 χ^2/NDF : 0.4/1

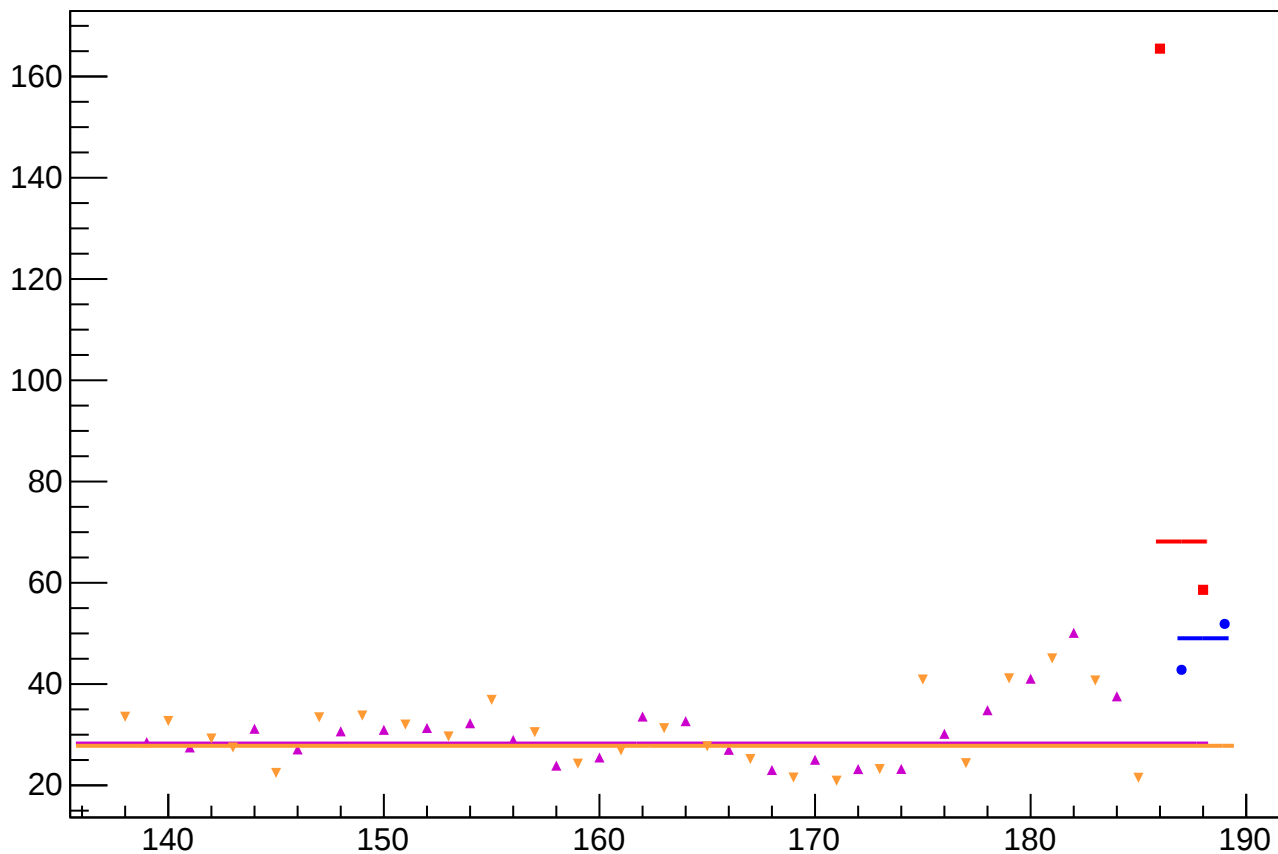
Left In: 1.899 ± 6.962 χ^2/NDF : 13.5/22

+ sign -7.825 ± 6.708 χ^2/NDF : 27.4/26

All: -3.140 ± 4.822 χ^2/NDF : 42.4/51

- sign 1.870 ± 6.937 χ^2/NDF : 13.9/24

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 49.045 $\pm$ 0.045 χ^2 /NDF: 8934.1/1

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

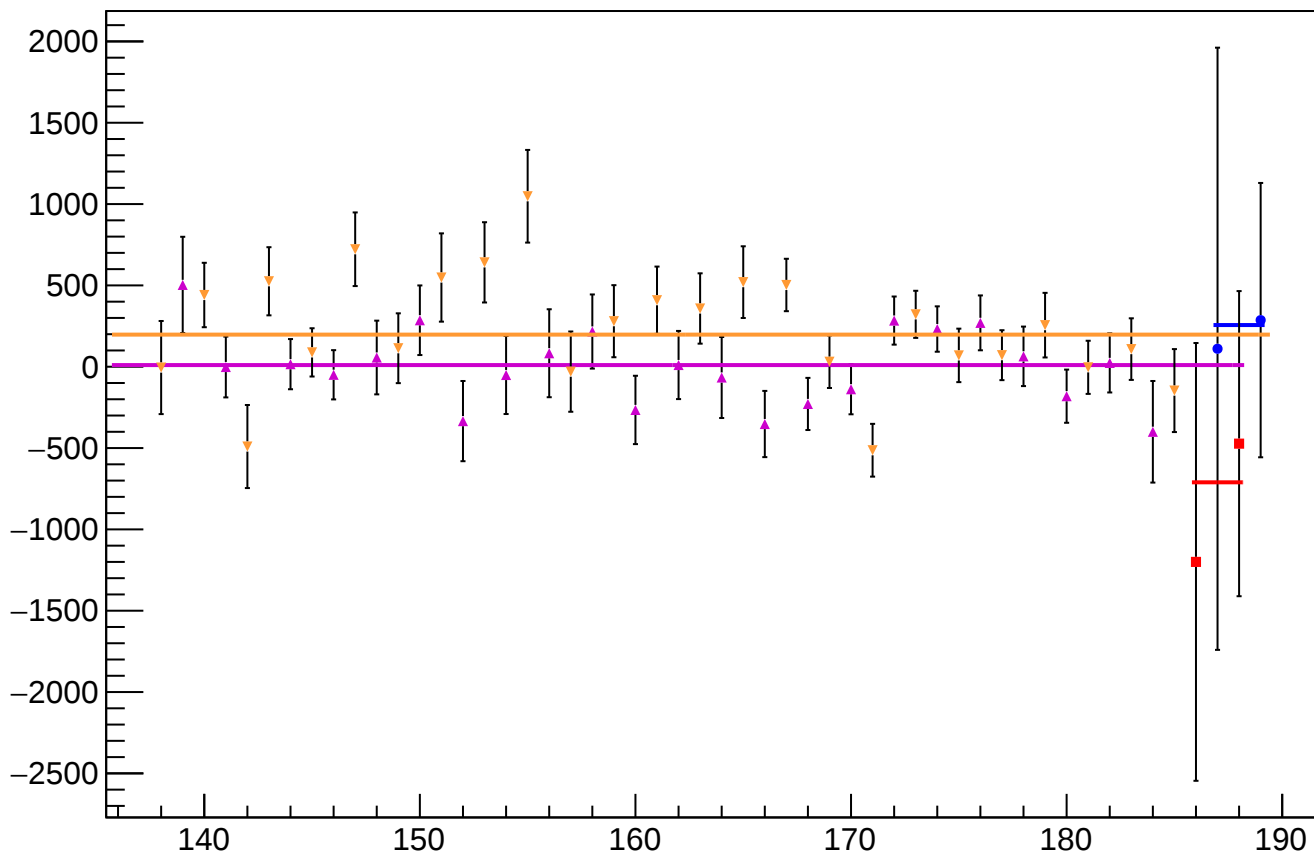
Left In: 28.249 $\pm$ 0.005 χ^2 /NDF: 1000650.4/22

+ sign 28.055 $\pm$ 0.005 χ^2 /NDF: 1770133.1/26

All: 28.289 $\pm$ 0.003 χ^2 /NDF: 3533001.3/51

- sign 28.539 $\pm$ 0.005 χ^2 /NDF: 1757839.1/24

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 256.272 ± 767.433 χ^2/NDF : 0.0/1

Left Out: 197.433 ± 39.070 χ^2/NDF : 65.9/24

Right Out: -710.625 ± 769.505 χ^2/NDF : 0.2/1

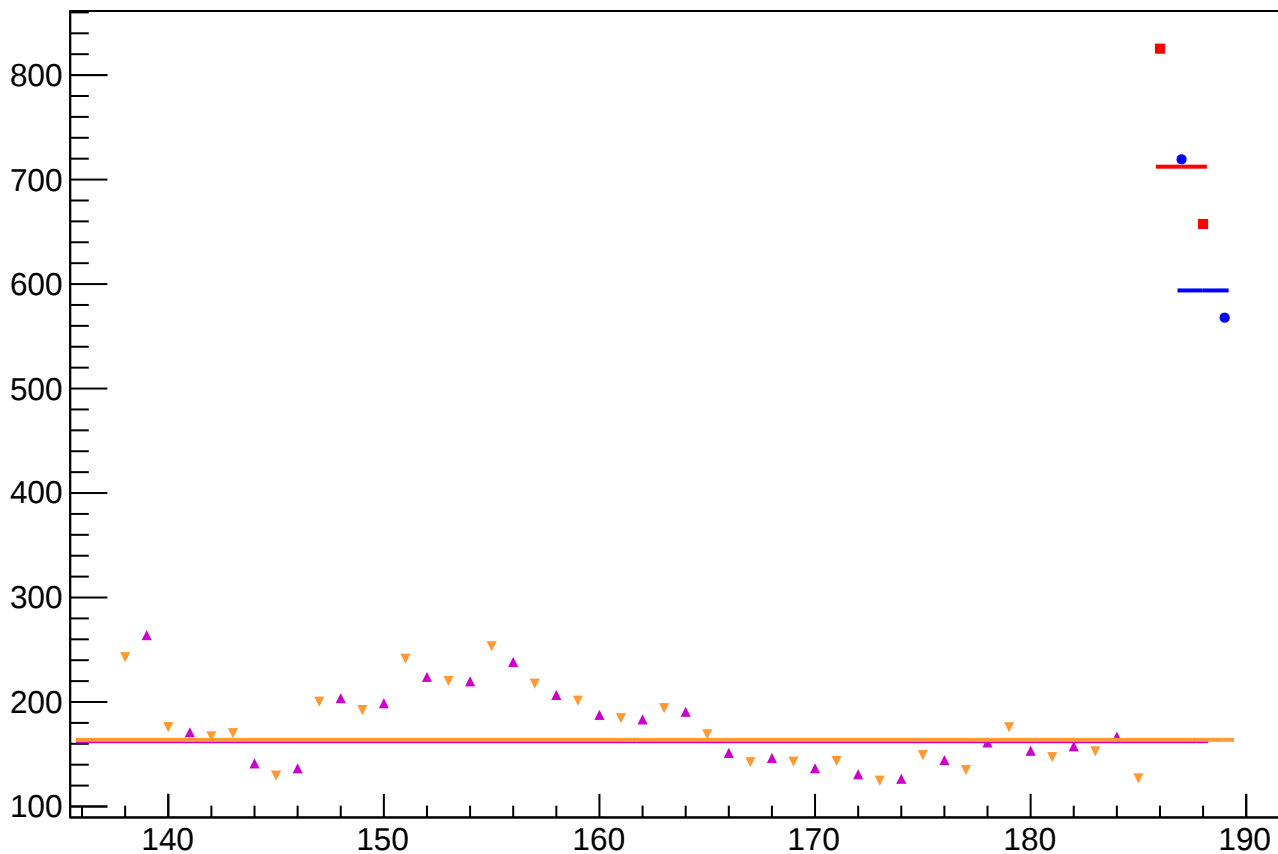
Left In: 10.177 ± 39.512 χ^2/NDF : 27.2/22

+ sign 197.586 ± 39.019 χ^2/NDF : 65.9/26

All: 103.997 ± 27.745 χ^2/NDF : 105.8/51

- sign 8.282 ± 39.460 χ^2/NDF : 28.3/24

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 593.888+/-0.543 χ^2/NDF : 11101.7/1

Left Out: 163.781+/-0.028 χ^2/NDF : 1443221.9/24

Right Out: 712.356+/-0.544 χ^2/NDF : 20930.3/1

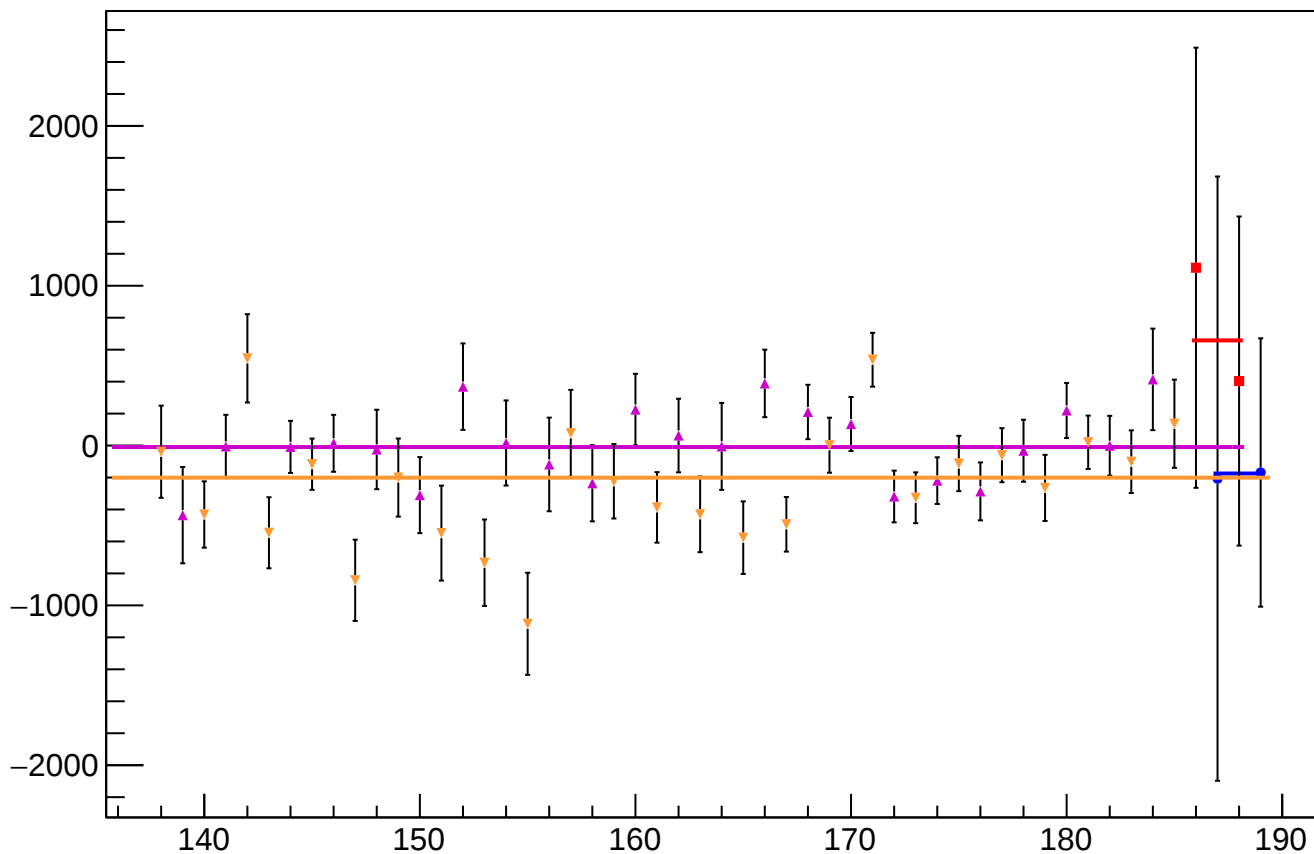
Left In: 162.447+/-0.028 χ^2/NDF : 1344185.5/22

+ sign 164.893+/-0.028 χ^2/NDF : 2080906.0/26

All: 164.398+/-0.020 χ^2/NDF : 4465369.0/51

- sign 163.893+/-0.028 χ^2/NDF : 2383814.0/24

asym_sam_1357_2468_dd_mean vs Slug



Right In: -174.929 ± 767.345 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -200.930 ± 41.741 $\chi^2/\text{NDF}: 65.5/24$

Right Out: 657.930 ± 824.576 $\chi^2/\text{NDF}: 0.2/1$

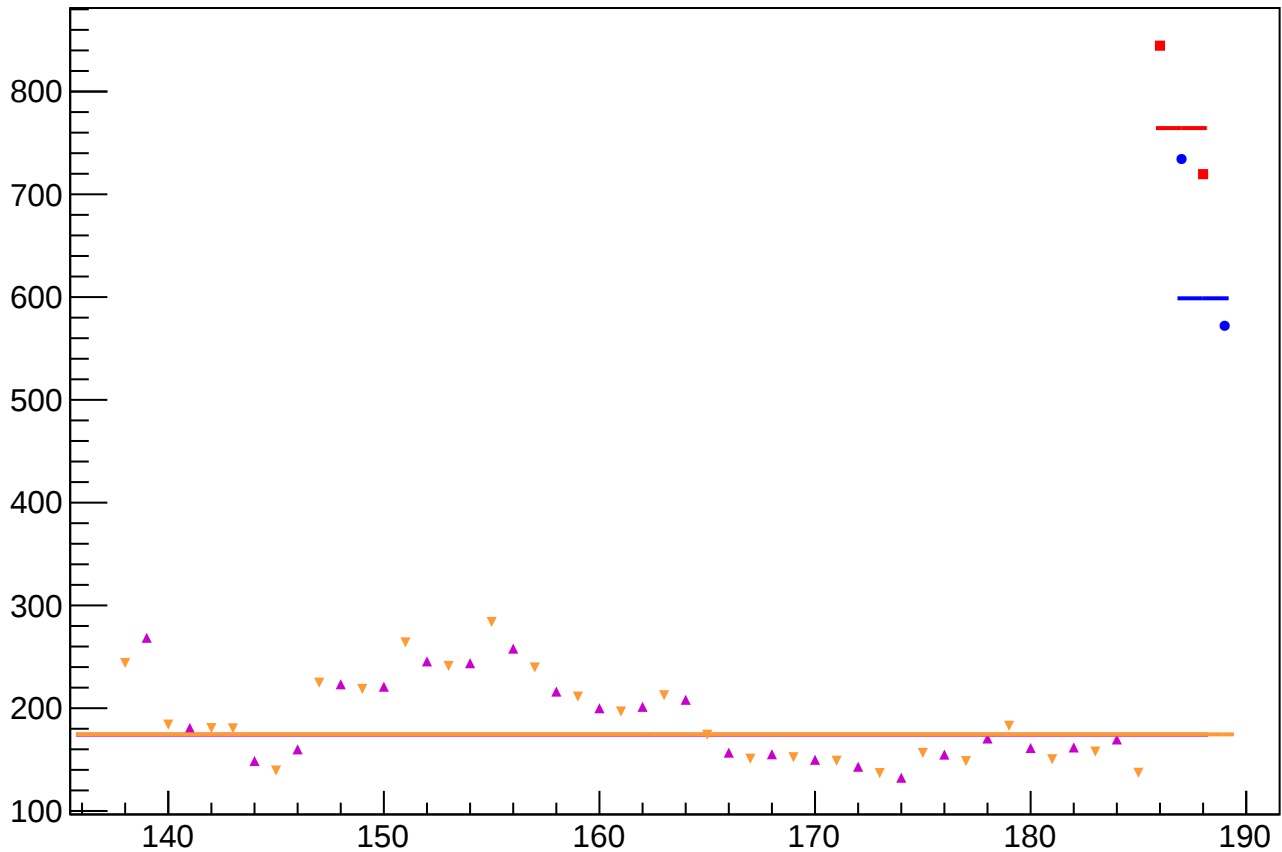
Left In: -9.384 ± 42.437 $\chi^2/\text{NDF}: 25.4/22$

+ sign -200.853 ± 41.680 $\chi^2/\text{NDF}: 65.5/26$

All: -105.849 ± 29.717 $\chi^2/\text{NDF}: 102.3/51$

- sign -7.621 ± 42.381 $\chi^2/\text{NDF}: 26.2/24$

asym_sam_1357_2468_dd_rms vs Slug



Right In: 598.812+/-0.543 χ^2/NDF : 12303.2/1

Left Out: 174.567+/-0.030 χ^2/NDF : 1532900.3/24

Right Out: 764.449+/-0.583 χ^2/NDF : 10571.0/1

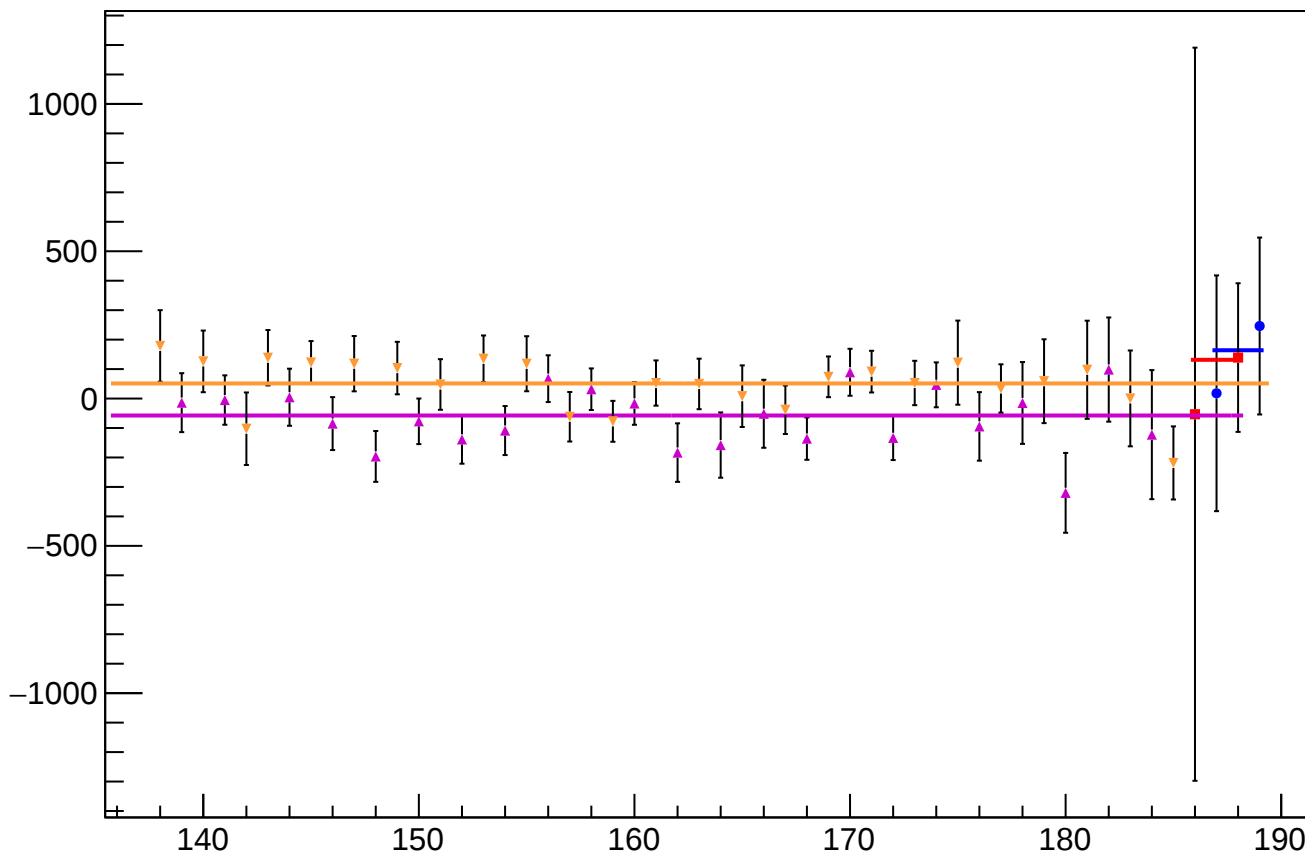
Left In: 174.217+/-0.030 χ^2/NDF : 1364600.9/22

+ sign 175.818+/-0.029 χ^2/NDF : 2154740.1/26

All: 175.798+/-0.021 χ^2/NDF : 4551945.9/51

- sign 175.776+/-0.030 χ^2/NDF : 2397204.8/24

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 163.949 $\pm$ 240.163 χ^2 /NDF: 0.2/1

Left Out: 51.287 $\pm$ 18.131 χ^2 /NDF: 19.7/24

Right Out: 131.500 $\pm$ 247.227 χ^2 /NDF: 0.0/1

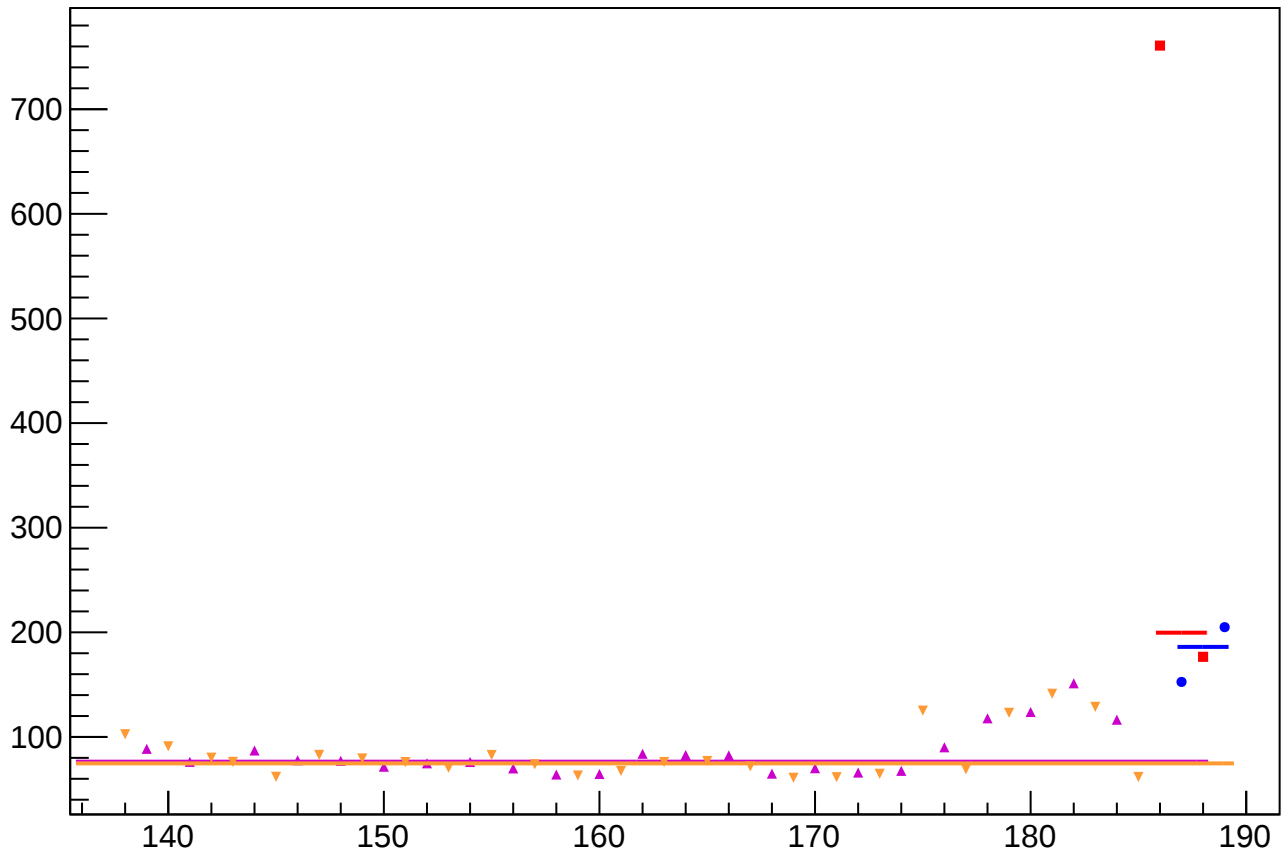
Left In: -57.530 $\pm$ 18.875 χ^2 /NDF: 24.2/22

+ sign 51.926 $\pm$ 18.080 χ^2 /NDF: 20.1/26

All: -0.080 $\pm$ 13.038 χ^2 /NDF: 62.1/51

- sign -56.434 $\pm$ 18.820 χ^2 /NDF: 24.8/24

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 186.076 $\pm$ 0.170 χ^2 /NDF: 21900.6/1

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

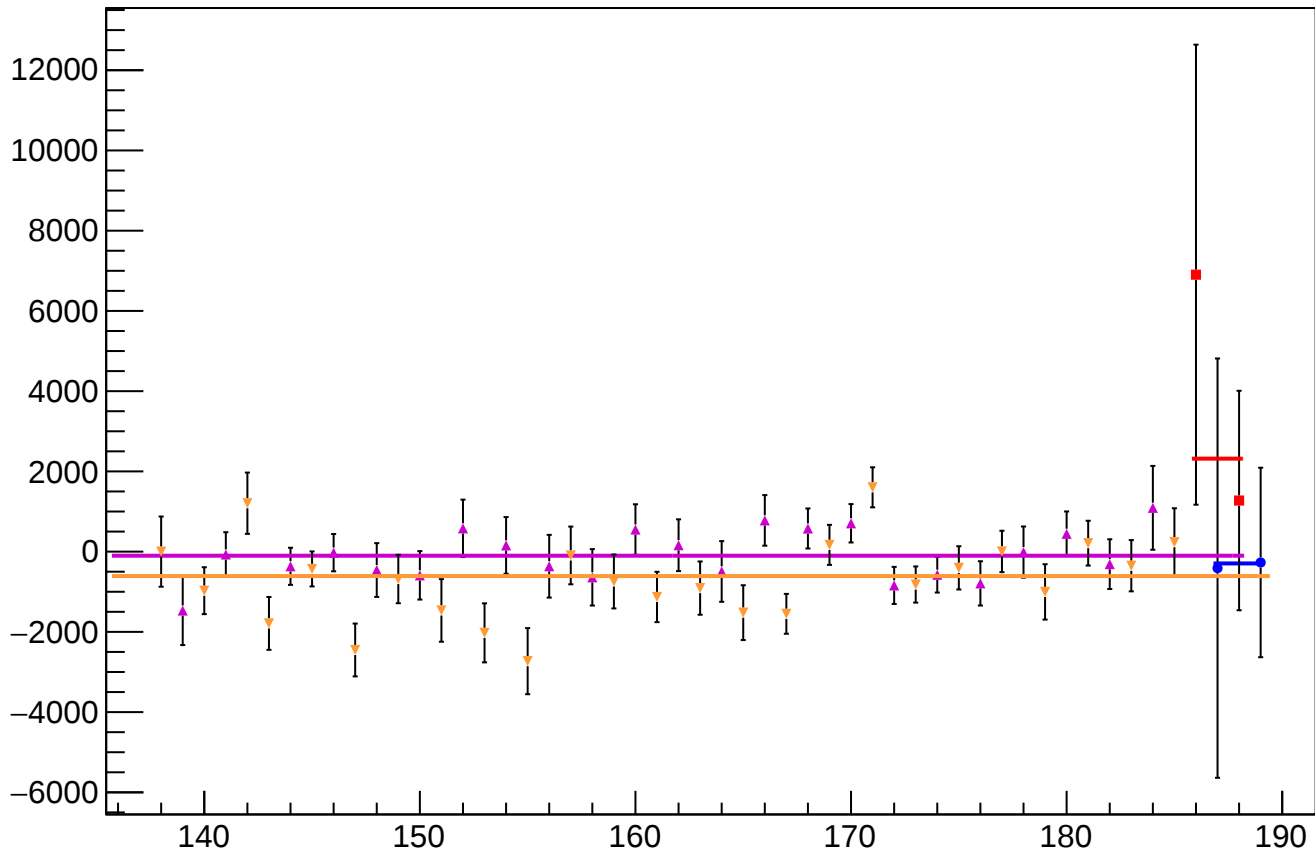
Left In: 76.366 $\pm$ 0.013 χ^2 /NDF:1218796.6/22

+ sign 75.352 $\pm$ 0.013 χ^2 /NDF: 2024629.7/26

All: 76.182 $\pm$ 0.009 χ^2 /NDF: 4170253.2/51

- sign 77.081 $\pm$ 0.013 χ^2 /NDF: 2136844.4/24

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -294.174 ± 2152.239 χ^2/NDF : 0.0/1

Left Out: -609.040 ± 121.297 χ^2/NDF : 63.6/24

Right Out: 2317.825 ± 2468.681 χ^2/NDF : 0.8/1

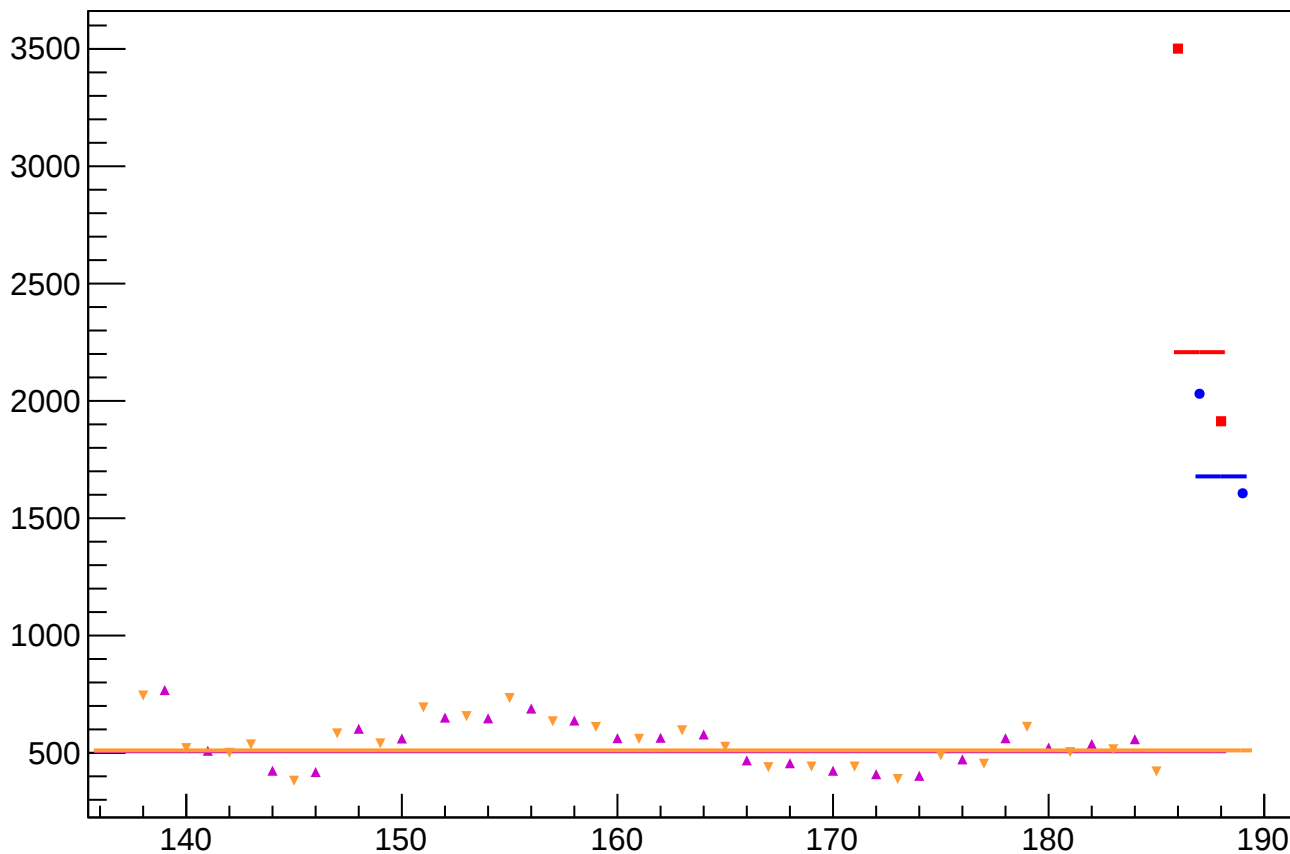
Left In: -101.332 ± 122.813 χ^2/NDF : 21.4/22

+ sign -608.043 ± 121.105 χ^2/NDF : 63.6/26

All: -354.974 ± 86.179 χ^2/NDF : 95.6/51

- sign -95.360 ± 122.661 χ^2/NDF : 23.1/24

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1678.244+/-1.522 χ^2/NDF : 10939.3/1

Left Out: 510.503+/-0.086 χ^2/NDF : 1193161.7/24

Right Out: 2207.695+/-1.746 χ^2/NDF : 124999.5/1

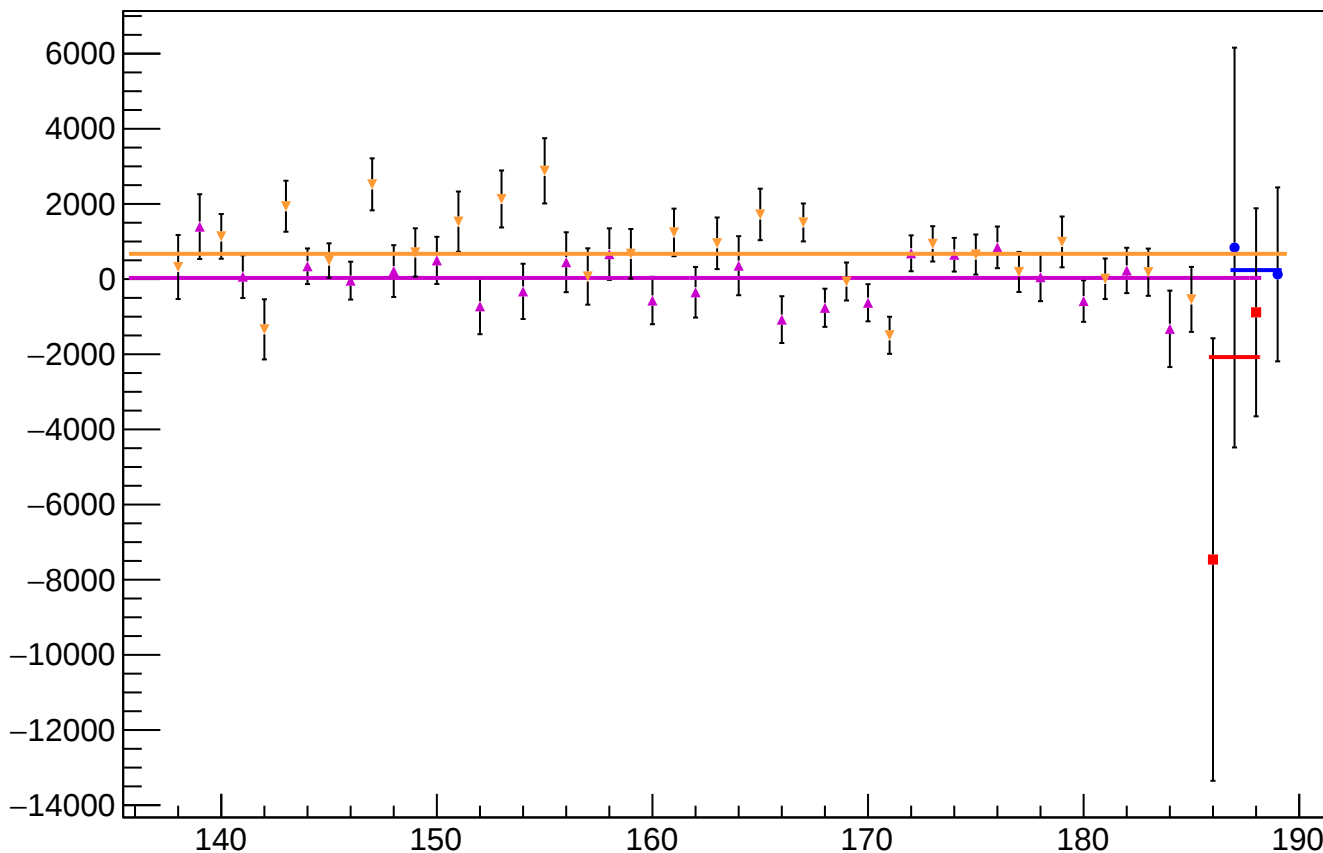
Left In: 506.907+/-0.087 χ^2/NDF : 1088118.5/22

+ sign 514.200+/-0.086 χ^2/NDF : 1791002.0/26

All: 512.673+/-0.061 χ^2/NDF : 3951715.2/51

- sign 511.106+/-0.087 χ^2/NDF : 2160068.6/24

asym_sam_12345678_avg_mean vs Slug



Right In: 238.964 $\pm$ 2122.447 χ^2 /NDF: 0.0/1

Left Out: 672.498 $\pm$ 123.428 χ^2 /NDF:62.8/24

Right Out: -2075.155 $\pm$ 2505.233 χ^2 /NDF: 1.0/1

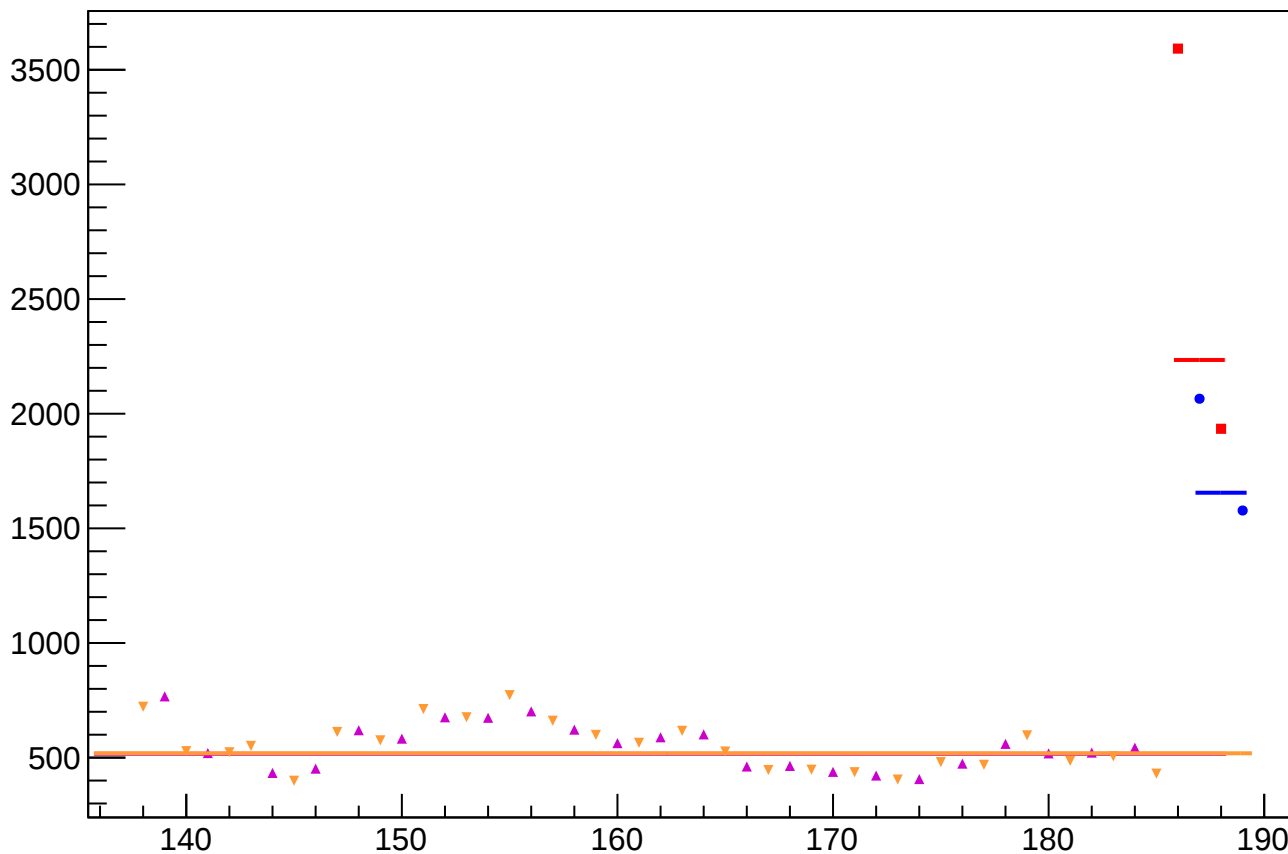
Left In: 31.056 $\pm$ 125.236 χ^2 /NDF:23.8/22

+ sign 671.037 $\pm$ 123.220 χ^2 /NDF: 62.8/26

All: 353.256 $\pm$ 87.780 χ^2 /NDF: 101.9/51

- sign 25.806 $\pm$ 125.080 χ^2 /NDF: 25.6/24

asym_sam_12345678_avg_rms vs Slug



Right In: 1655.429+/-1.501 χ^2 /NDF: 14124.9/1

Left Out: 518.935+/-0.087 χ^2 /NDF:1172613.9/24

Right Out: 2234.463+/-1.771 χ^2 /NDF: 129881.9/1

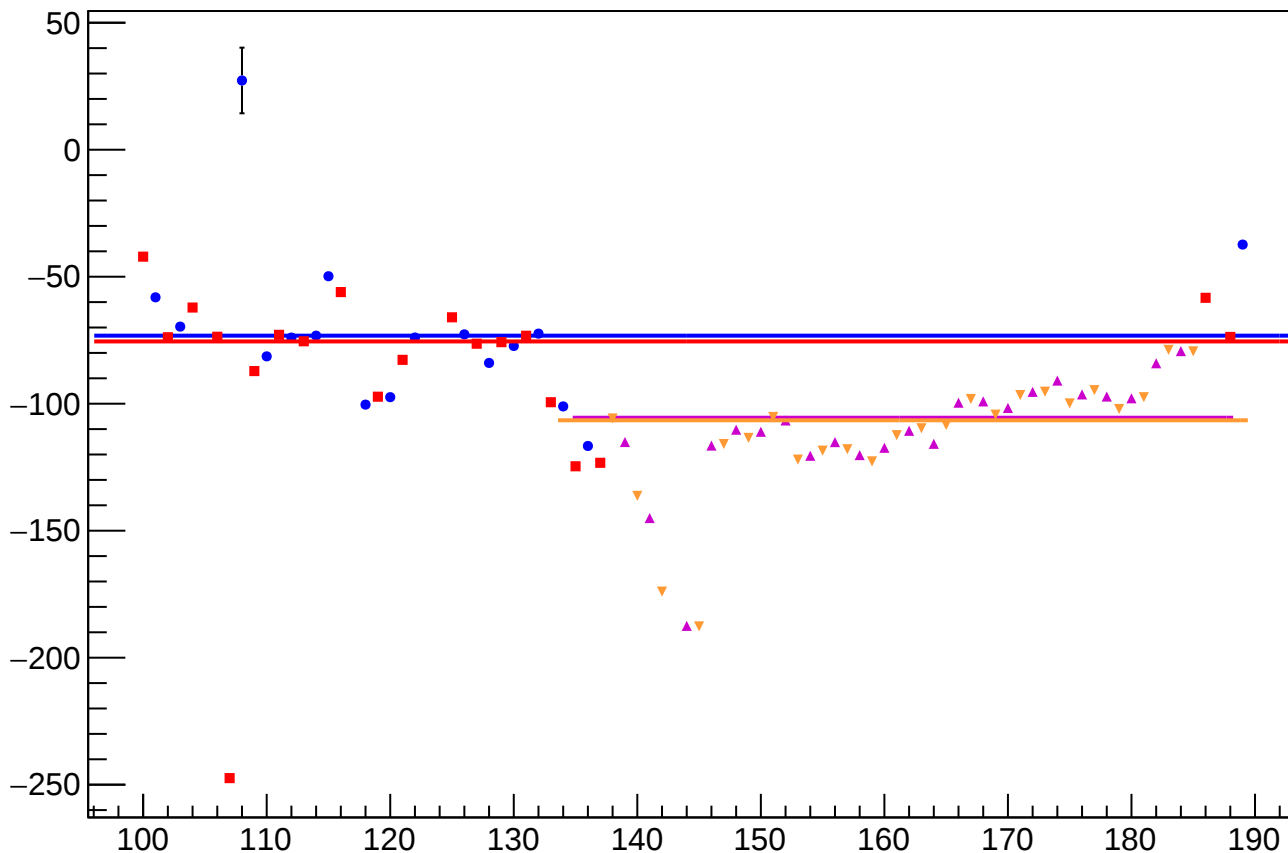
Left In: 516.594+/-0.089 χ^2 /NDF:1036092.8/22

+ sign 522.765+/-0.087 χ^2 /NDF: 1758250.0/26

All: 521.835+/-0.062 χ^2 /NDF: 3862515.1/51

- sign 520.876+/-0.088 χ^2 /NDF: 2104033.6/24

dit_usl_4aX_slope vs Slug



Right In: -73.209 $\pm$ 0.000 χ^2 /NDF: 128020.8/16

Left Out: -106.530 $\pm$ 0.050 χ^2 /NDF: 86114.7/23

Right Out: -75.482 $\pm$ 0.074 χ^2 /NDF: 57889.7/19

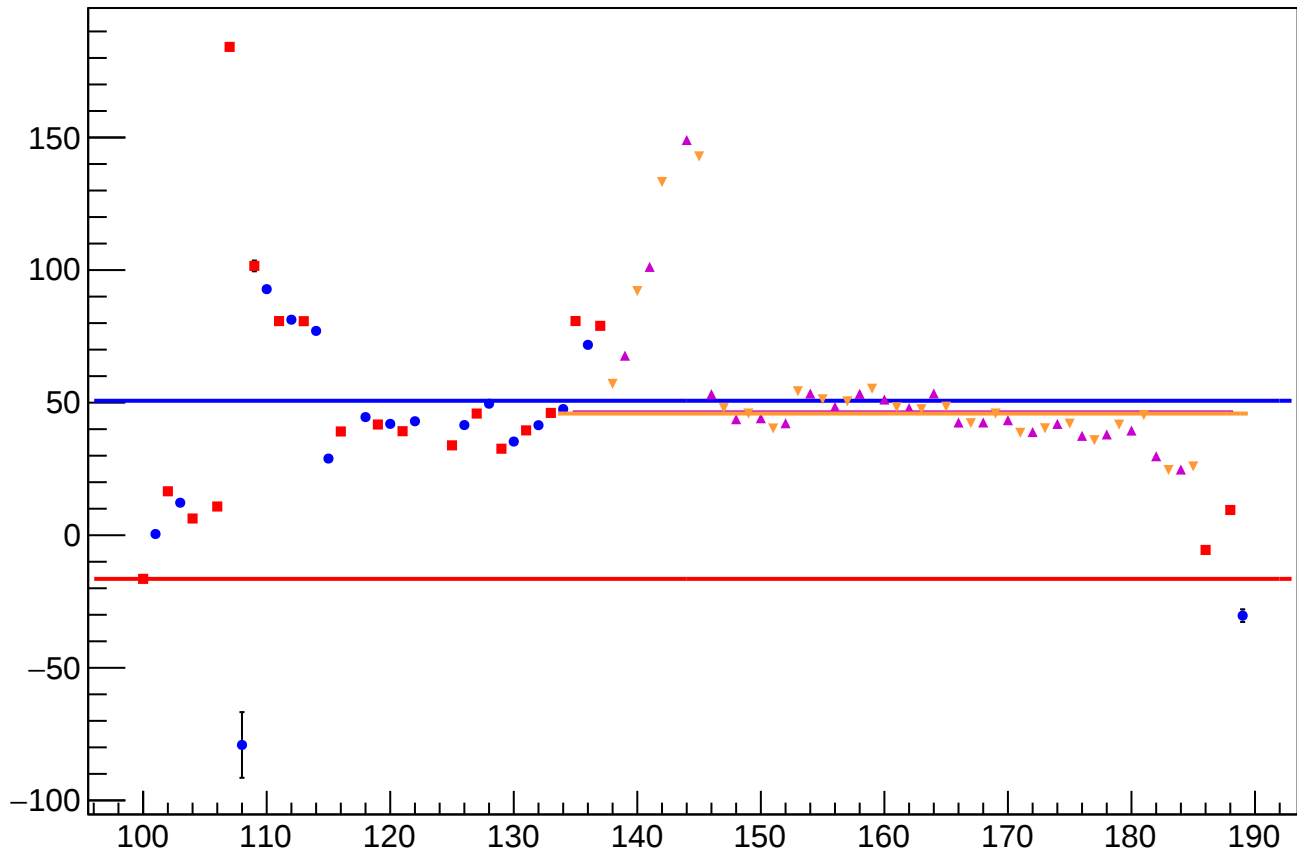
Left In: -105.520 $\pm$ 0.046 χ^2 /NDF: 128731.9/22

+ sign -73.209 $\pm$ 0.000 χ^2 /NDF: 663332.5/40

All: -73.209 $\pm$ 0.000 χ^2 /NDF: 1351849.7/83

- sign -97.204 $\pm$ 0.039 χ^2 /NDF: 306484.4/42

dit_usl_4eX_slope vs Slug



Right In: 50.718+/-0.074 χ^2/NDF : 91099.3/16

Left Out: 45.893+/-0.042 χ^2/NDF : 80415.6/23

Right Out: -16.452+/-0.000 χ^2/NDF : 547987.1/19

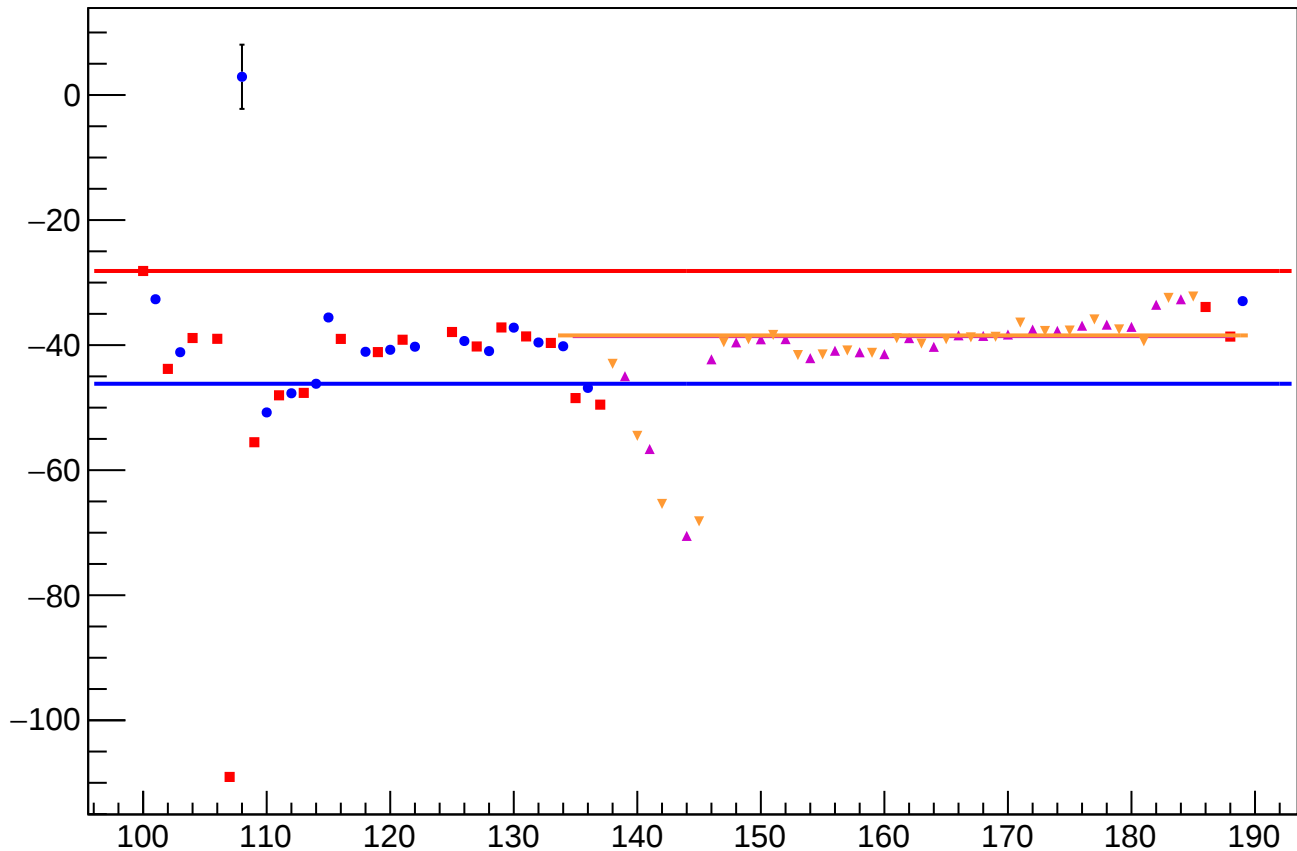
Left In: 46.346+/-0.040 χ^2/NDF : 165523.0/22

+ sign 47.053+/-0.036 χ^2/NDF : 174727.1/40

All: -16.452+/-0.000 χ^2/NDF : 6439385.2/83

- sign -16.452+/-0.000 χ^2/NDF : 3217277.2/42

dit_usl_11X12X_slope vs Slug



Right In: -46.180 ± 0.000 χ^2/NDF : 636502.3/16

Left Out: -38.448 ± 0.006 χ^2/NDF : 406675.3/23

Right Out: -28.144 ± 0.000 χ^2/NDF : 781620.3/19

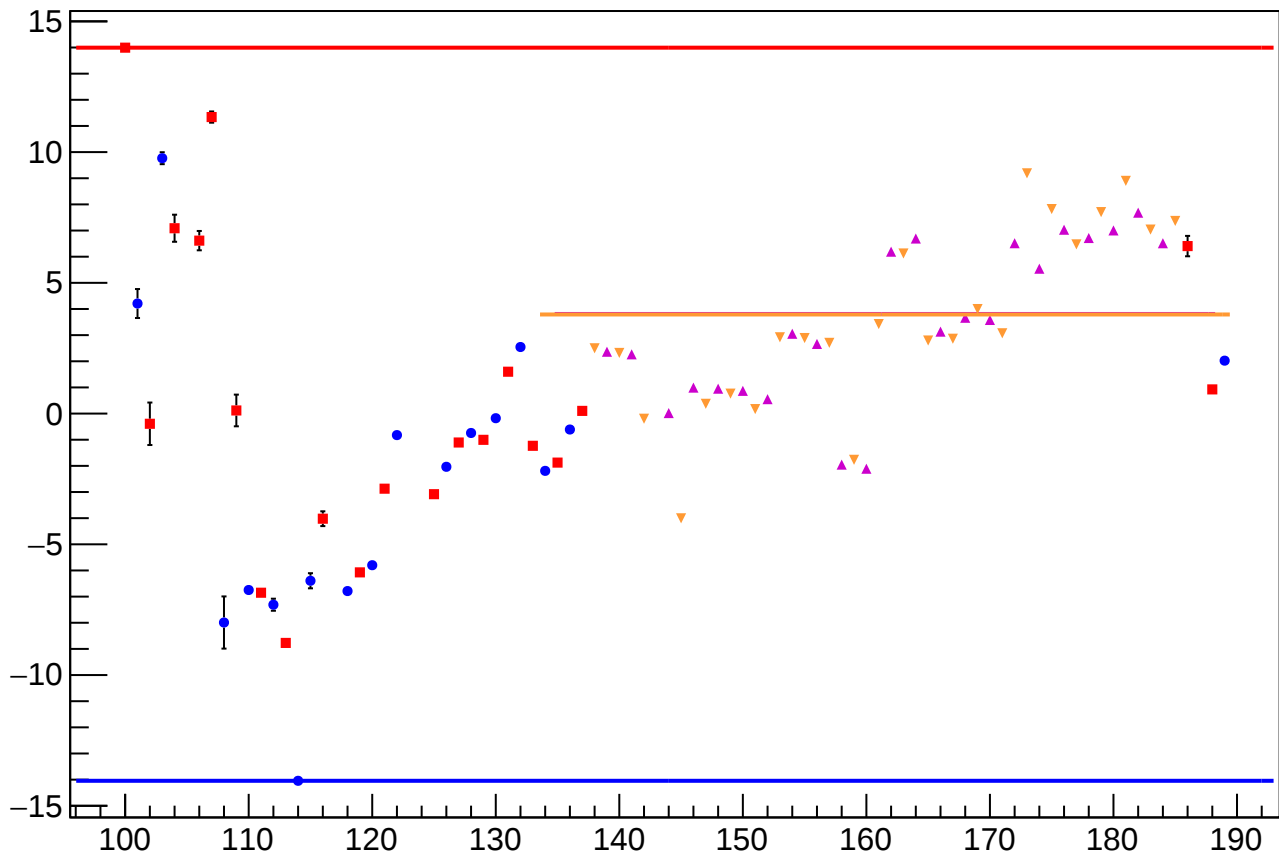
Left In: -38.560 ± 0.007 χ^2/NDF : 334709.2/22

+ sign -46.180 ± 0.000 χ^2/NDF : 2880368.9/40

All: -33.813 ± 0.000 χ^2/NDF : 539977182263

- sign -28.144 ± 0.000 χ^2/NDF : 3647733.3/42

dit_usl_4aY_slope vs Slug



Right In: -14.044 ± 0.000 χ^2/NDF : 1048272.1/16

Left Out: 3.790 ± 0.007 χ^2/NDF : 202429.5/23

Right Out: 13.994 ± 0.000 χ^2/NDF : 395693.3/19

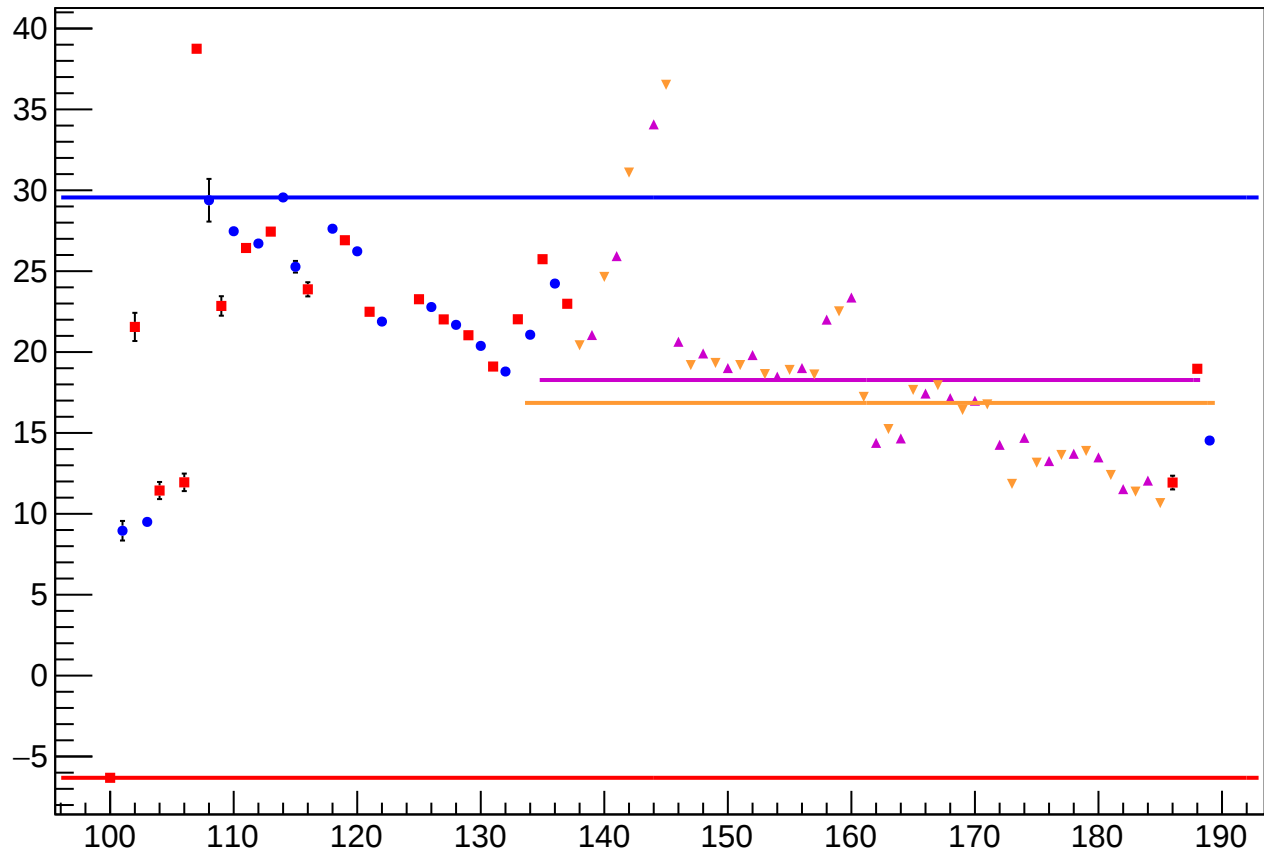
Left In: 3.809 ± 0.006 χ^2/NDF : 229467.1/22

+ sign -14.044 ± 0.000 χ^2/NDF : 7833017.9/40

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: 94007.9/16

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

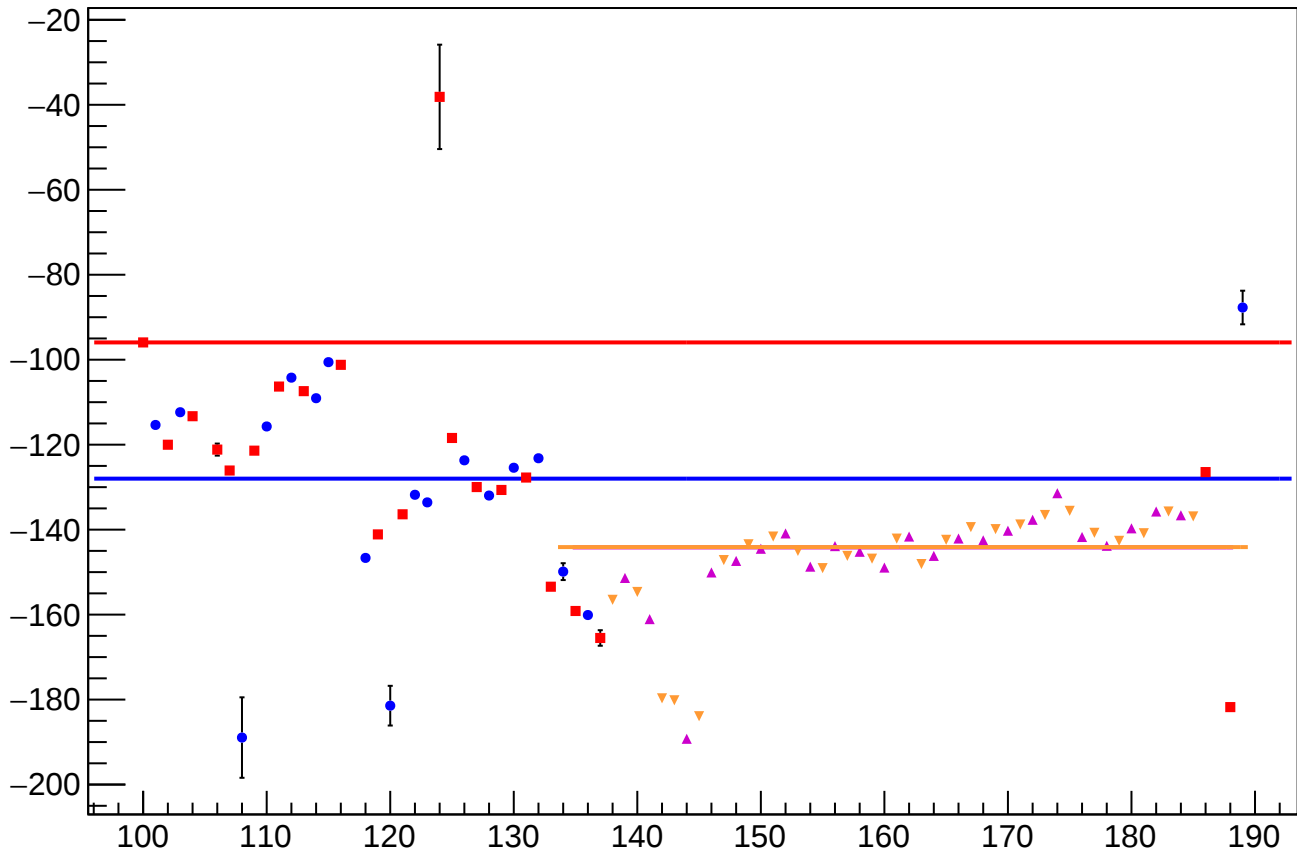
Left In: 18.272 $\pm$ 0.007 χ^2 /NDF:237719.2/22

+ sign 29.557 $\pm$ 0.000 χ^2 /NDF: 3463236.1/40

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: -127.996 ± 0.098 χ^2/NDF : 38266.3/17

Left Out: -144.107 ± 0.041 χ^2/NDF : 43993.9/24

Right Out: -95.934 ± 0.000 χ^2/NDF : 242004.5/20

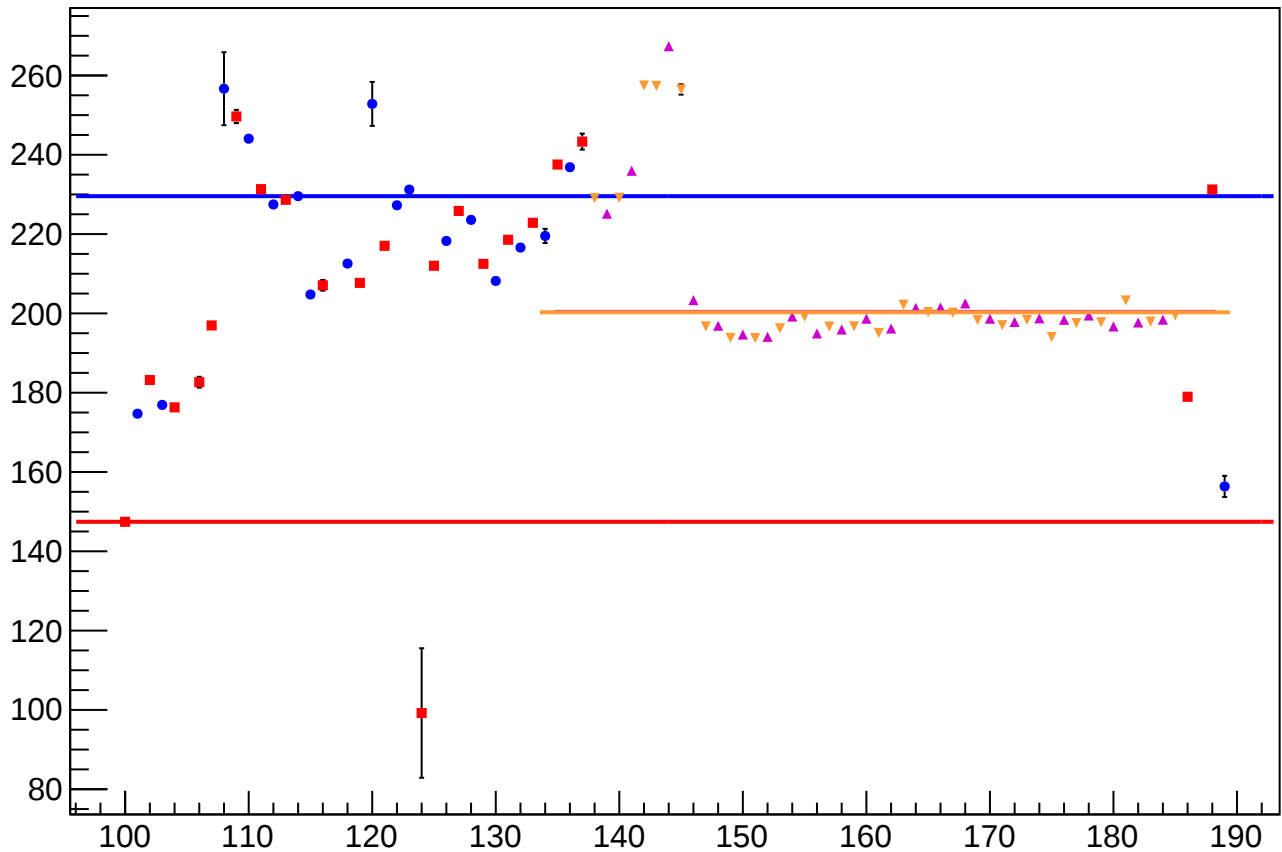
Left In: -144.184 ± 0.045 χ^2/NDF : 34723.9/22

+ sign -141.703 ± 0.038 χ^2/NDF : 105137.6/42

All: -95.934 ± 0.000 χ^2/NDF : 2982304.0/86

- 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: 38562.6/17

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

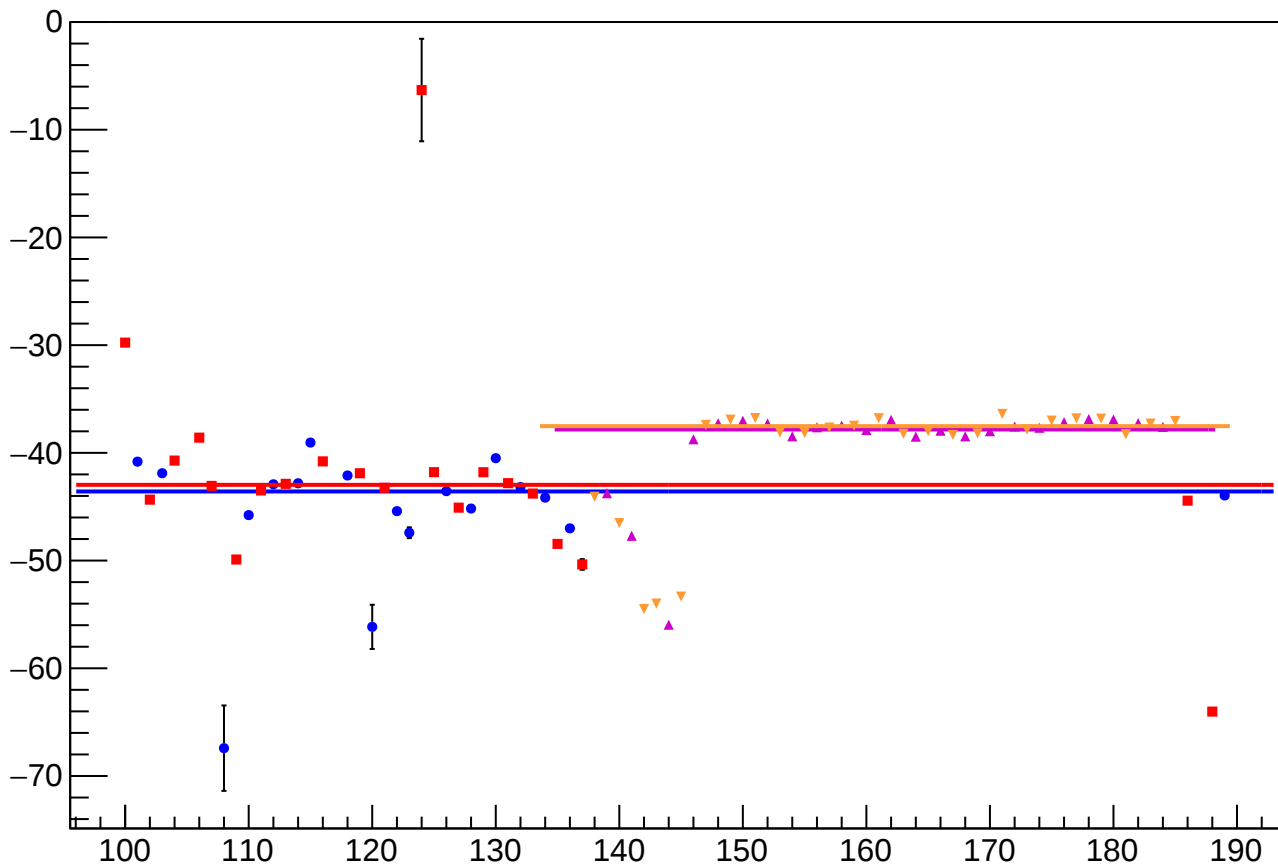
Left In: 200.386 $\pm$ 0.039 χ^2 /NDF:77918.6/22

+ sign 229.560 $\pm$ 0.000 χ^2 /NDF: 888360.7/42

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: -43.584 ± 0.022 χ^2/NDF : 13026.4/17

Left Out: -37.519 ± 0.004 χ^2/NDF : 252804.2/24

Right Out: -42.969 ± 0.020 χ^2/NDF : 25901.2/20

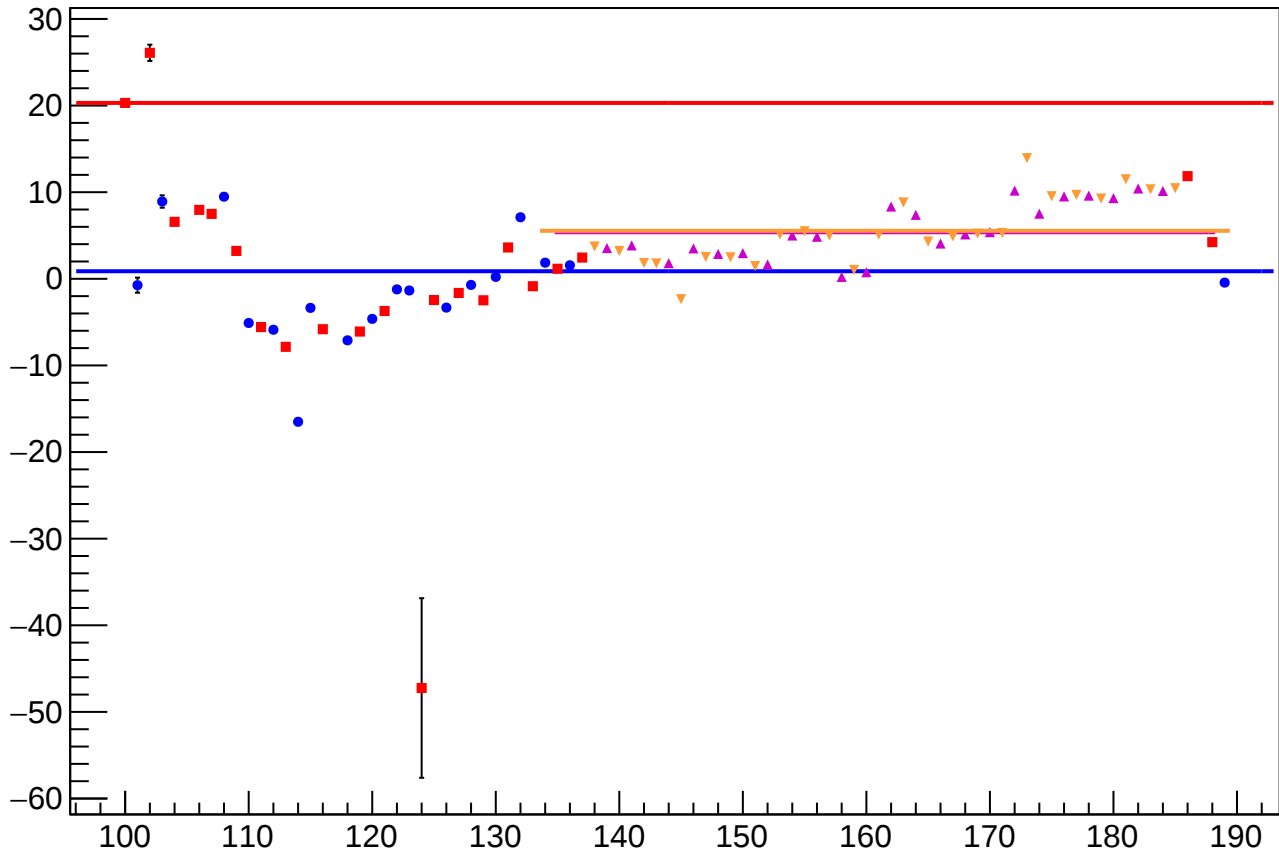
Left In: -37.832 ± 0.004 χ^2/NDF : 142924.4/22

+ sign -37.687 ± 0.004 χ^2/NDF : 340468.7/42

All: -37.845 ± 0.003 χ^2/NDF : 576374.5/86

- sign -38.044 ± 0.004 χ^2/NDF : 231651.2/43

dit_usr_4aY_slope vs Slug



Right In: 0.874 $\pm$ 0.020 χ^2 /NDF: 21518.8/17

Left Out: 5.540 $\pm$ 0.006 χ^2 /NDF: 301383.7/24

Right Out: 20.304 $\pm$ 0.000 χ^2 /NDF: 923258.7/20

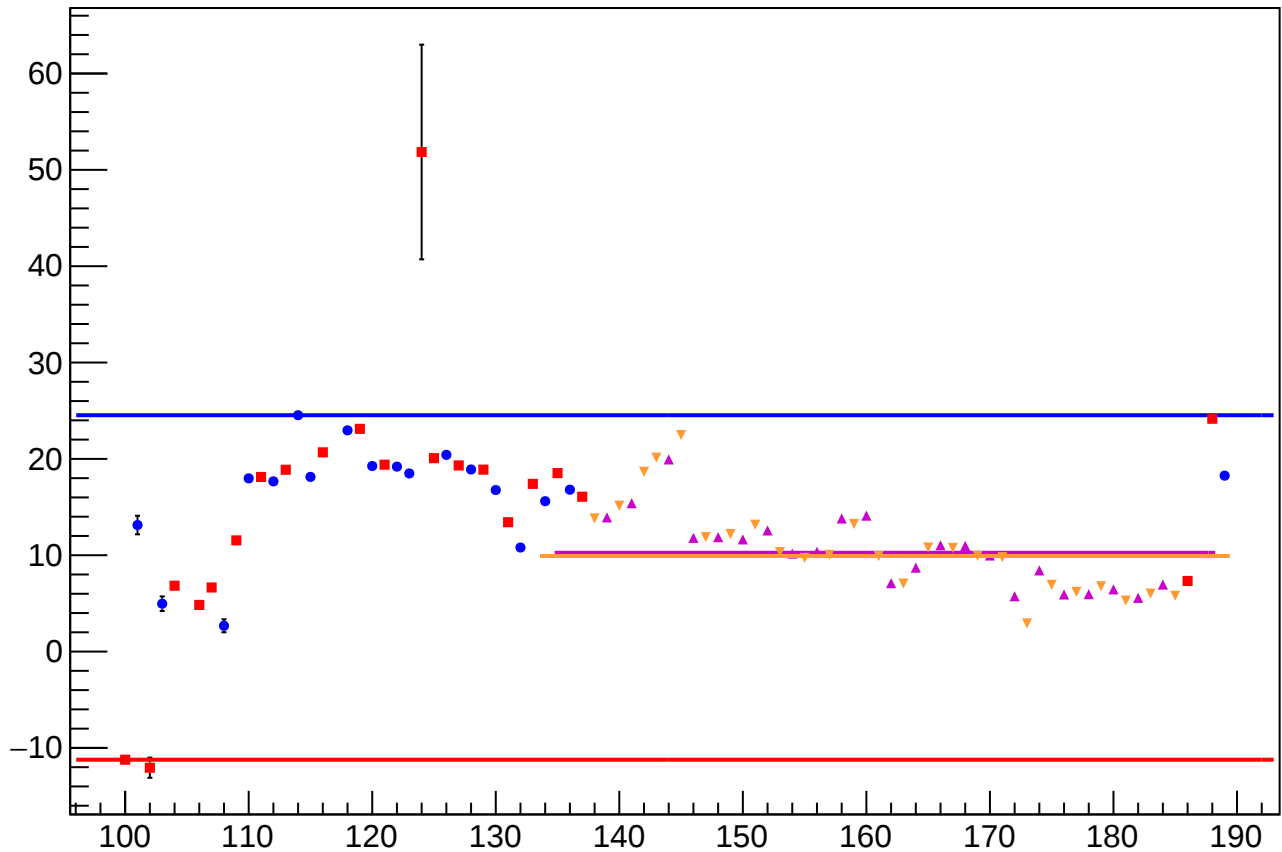
Left In: 5.375 $\pm$ 0.007 χ^2 /NDF: 205713.7/22

+ sign 5.185 $\pm$ 0.005 χ^2 /NDF: 374100.4/42

All: 20.304 $\pm$ 0.000 χ^2 /NDF: 14250346.6/86

- sign 20.304 $\pm$ 0.000 χ^2 /NDF: 6229505.4/43

dit_usr_4eY_slope vs Slug



Right In: 24.533+/-0.000 χ^2/NDF : 121988.6/17

Left Out: 9.923+/-0.007 χ^2/NDF : 204729.3/24

Right Out: -11.224+/-0.000 χ^2/NDF : 2227853.1/20

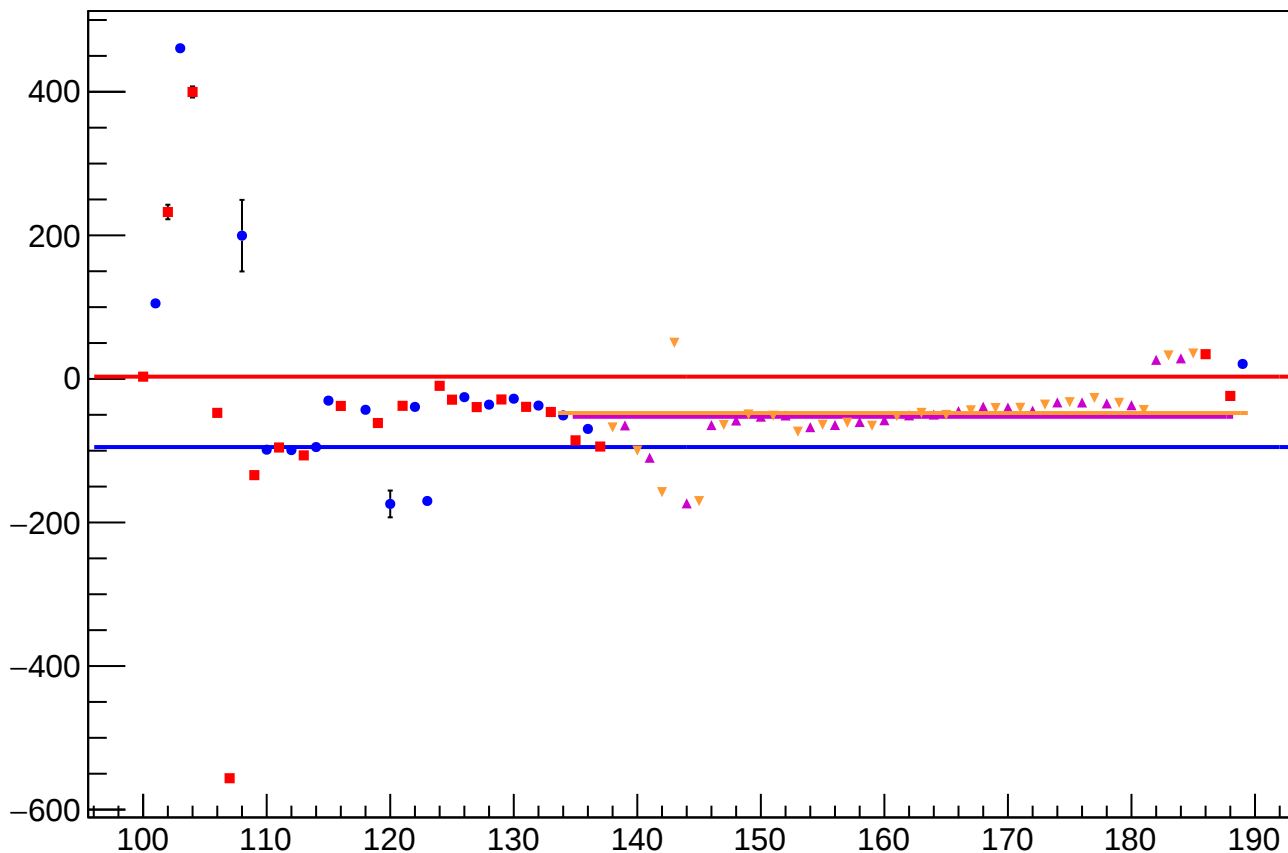
Left In: 10.254+/-0.008 χ^2/NDF : 137399.6/22

+ sign 24.533+/-0.000 χ^2/NDF : 4502336.4/42

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 : 736928.5/17

Left Out: -47.513 ± 0.088 χ^2/NDF : 90964.1/24

Right Out: 3.148 ± 0.000 χ^2/NDF : 61212975.8/20

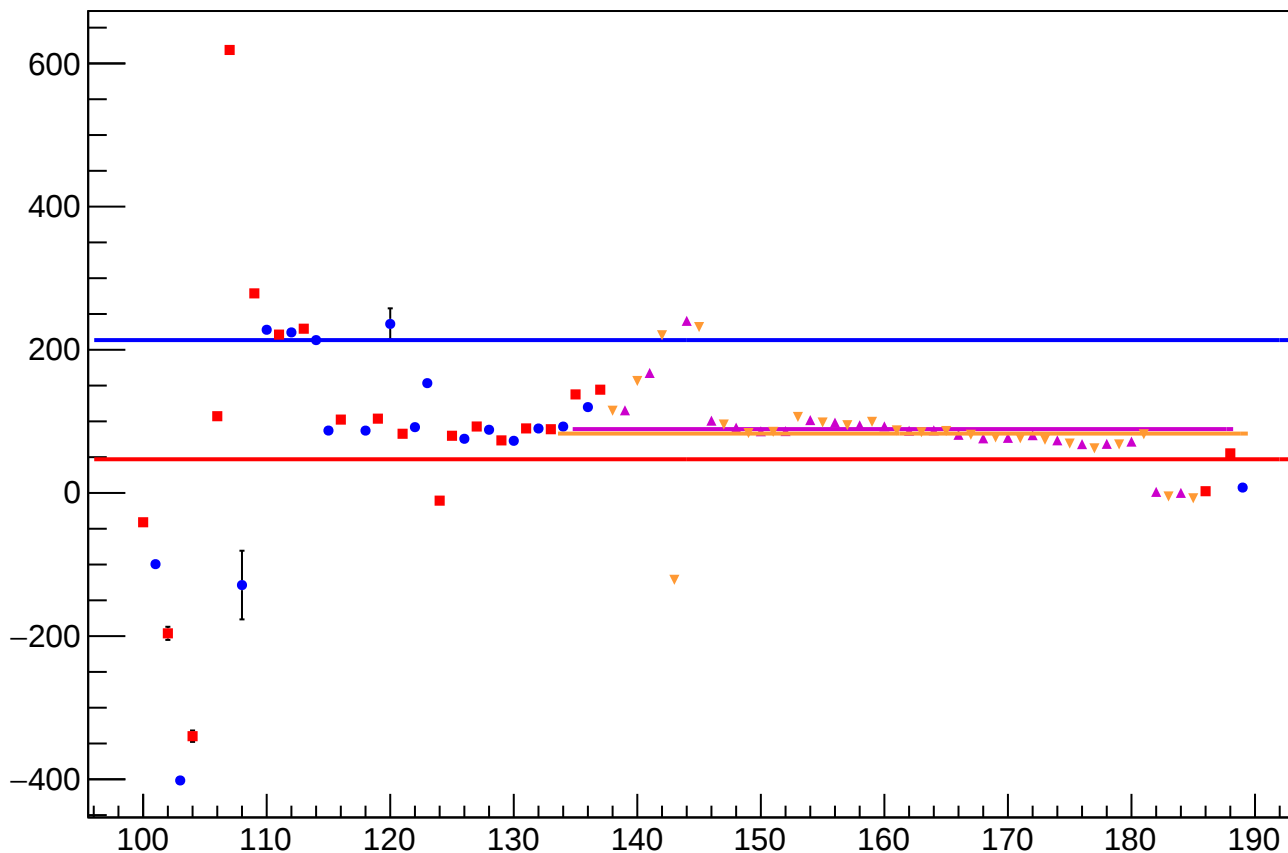
Left In: -52.769 ± 0.103 χ^2/NDF : 70359.7/22

+ sign -94.927 ± 0.000 χ^2/NDF : 1117286.3/42

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 $\pm$ 0.000 χ^2 /NDF: 3050890.5/17

Left Out: 82.933 $\pm$ 0.077 χ^2 /NDF: 212577.9/24

Right Out: 47.057 $\pm$ 0.123 χ^2 /NDF: 328773.6/20

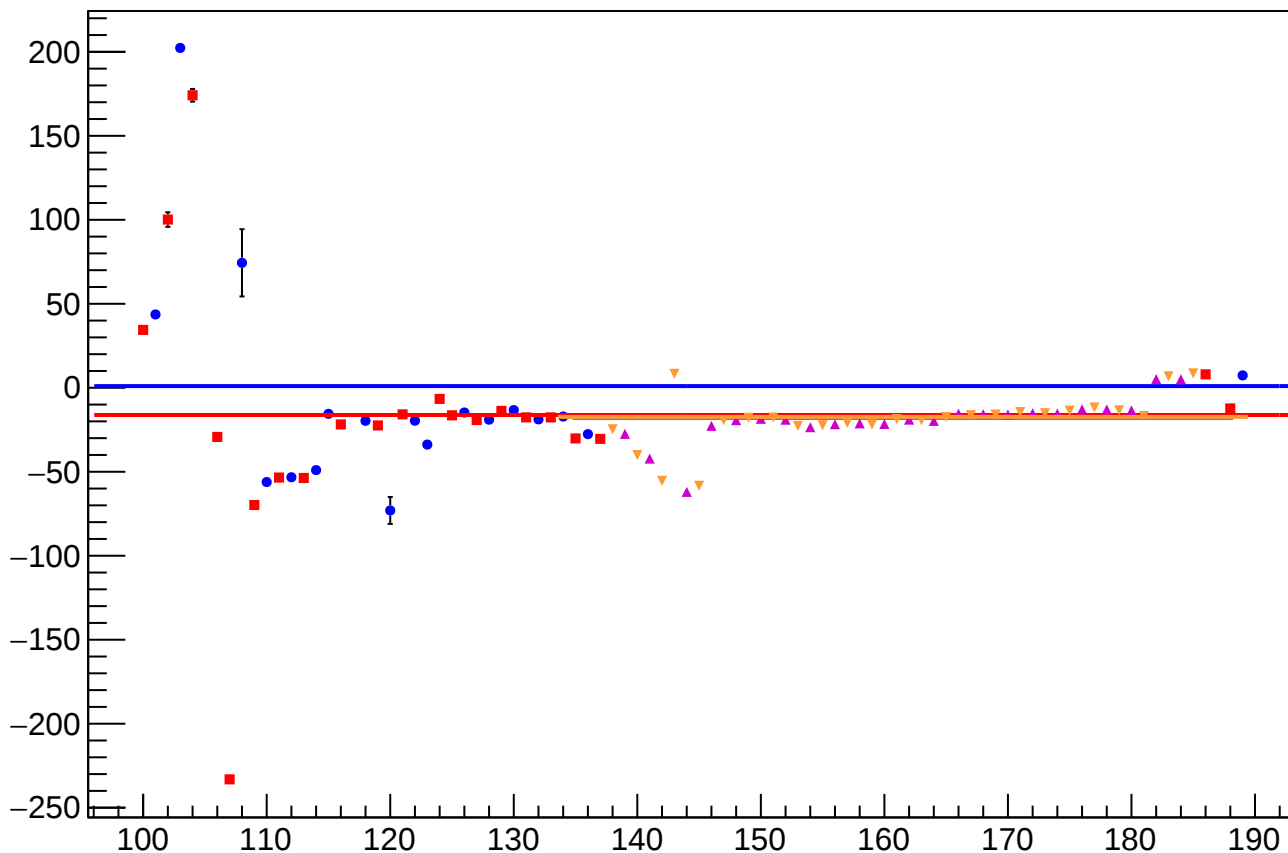
Left In: 89.202 $\pm$ 0.090 χ^2 /NDF: 95378.9/22

+ sign 213.523 $\pm$ 0.000 χ^2 /NDF: 6110052.6/42

All: 213.523 $\pm$ 0.000 χ^2 /NDF: 10270001.6/80

- sign 74.579 $\pm$ 0.073 χ^2 /NDF: 500440.4/43

dit_atl1_11X12X_slope vs Slug



Right In: 0.994 ± 0.028 χ^2/NDF : 2831724.7/17

Left Out: -17.358 ± 0.010 χ^2/NDF : 711613.1/24

Right Out: -16.196 ± 0.037 χ^2/NDF : 323996.7/20

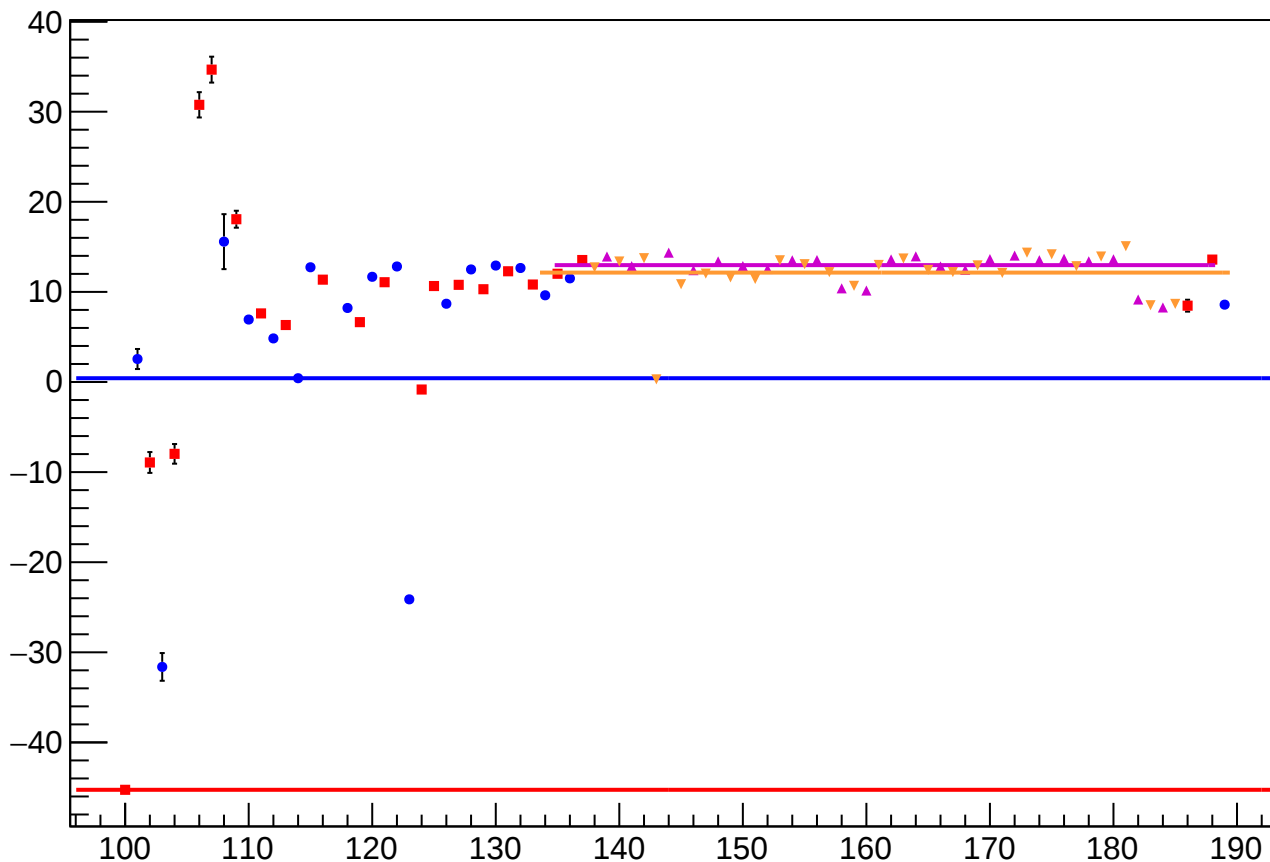
Left In: -17.854 ± 0.012 χ^2/NDF : 251583.5/22

+ sign -15.244 ± 0.009 χ^2/NDF : 3931875.0/42

All: -16.219 ± 0.007 χ^2/NDF : 4536288.0/86

- sign -17.690 ± 0.012 χ^2/NDF : 577422.6/43

dit_atl1_4aY_slope vs Slug



Right In: 0.420 ± 0.000 χ^2/NDF : 85417.9/17

Left Out: 12.143 ± 0.014 χ^2/NDF : 35326.3/24

Right Out: -45.259 ± 0.000 χ^2/NDF : 1320997.8/20

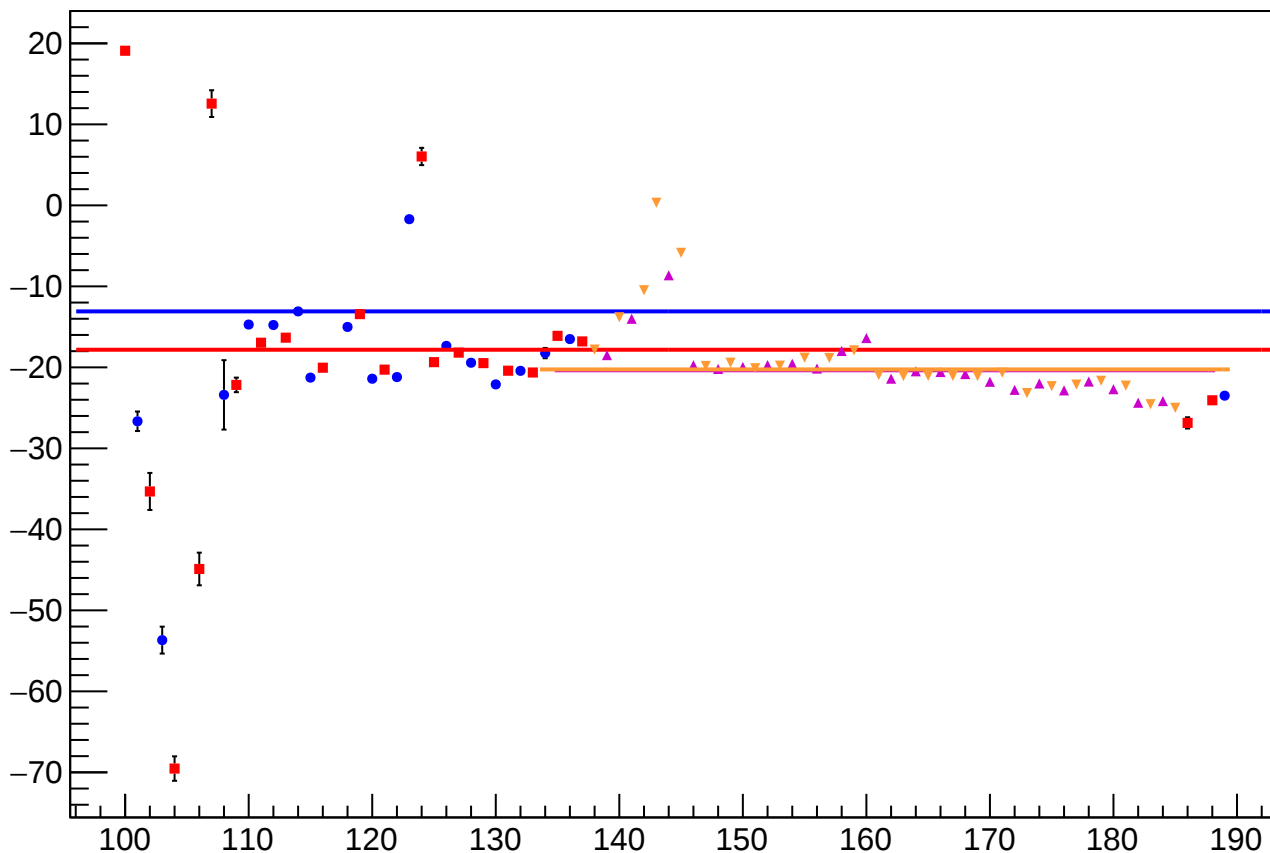
Left In: 12.971 ± 0.011 χ^2/NDF : 9592.9/22

+ sign 0.420 ± 0.000 χ^2/NDF : 859723.0/42

All: 0.419 ± 0.000 χ^2/NDF : 24797052003265

- sign -45.259 ± 0.000 χ^2/NDF : 28119189.2/43

dit_atl1_4eY_slope vs Slug



Right In: -13.090 ± 0.000 χ^2/NDF : 30453.3/17

Left Out: -20.255 ± 0.014 χ^2/NDF : 69246.8/24

Right Out: -17.825 ± 0.047 χ^2/NDF : 15018.5/20

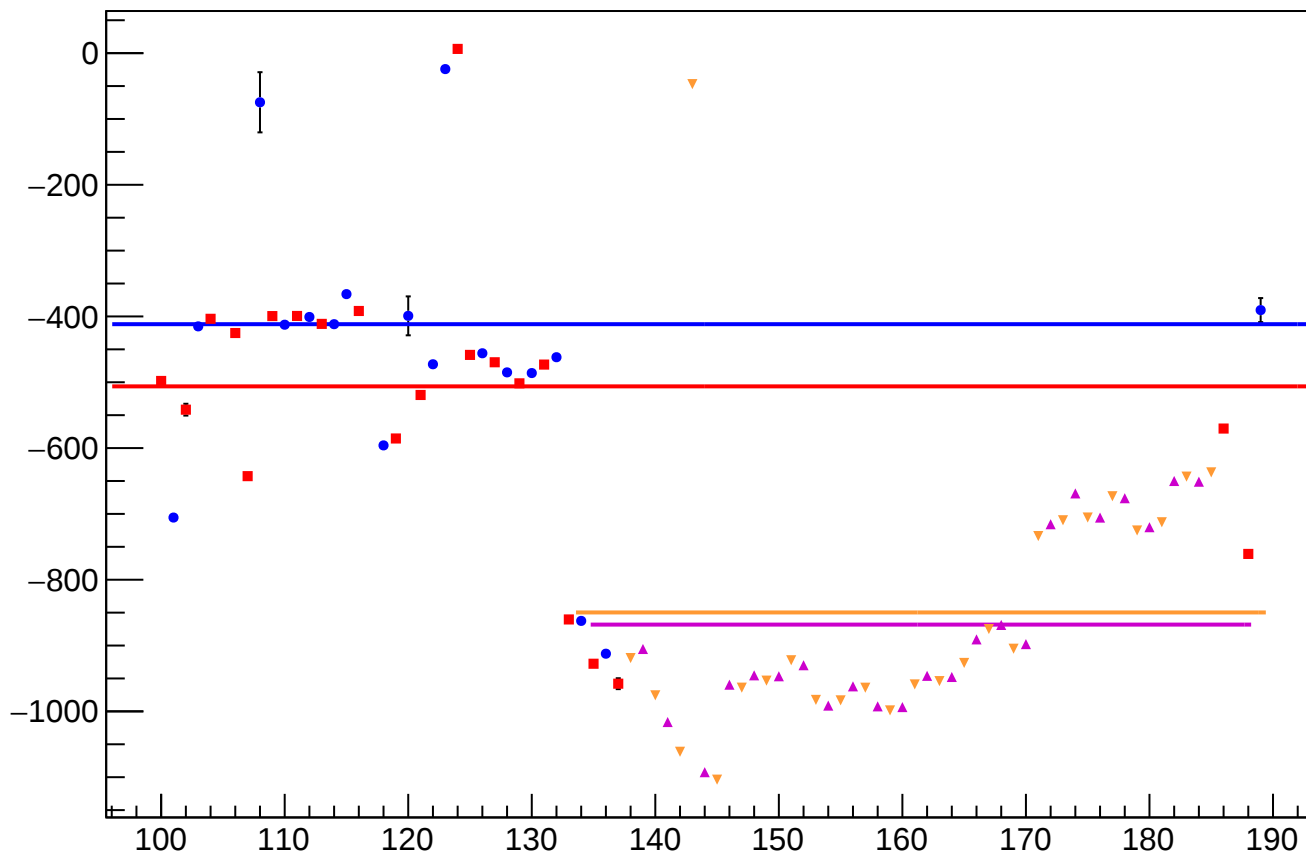
Left In: -20.362 ± 0.015 χ^2/NDF : 19964.2/22

+ sign -13.090 ± 0.000 χ^2/NDF : 344240.4/42

All: -13.090 ± 0.000 χ^2/NDF : 620131.0/86

- sign -20.128 ± 0.014 χ^2/NDF : 37573.6/43

dit_atl2_4aX_slope vs Slug



Right In: -411.771 ± 0.000 χ^2/NDF : 984976.3/17

Left Out: -849.714 ± 0.142 χ^2/NDF : 1033131.9/24

Right Out: -506.245 ± 0.155 χ^2/NDF : 831807.0/20

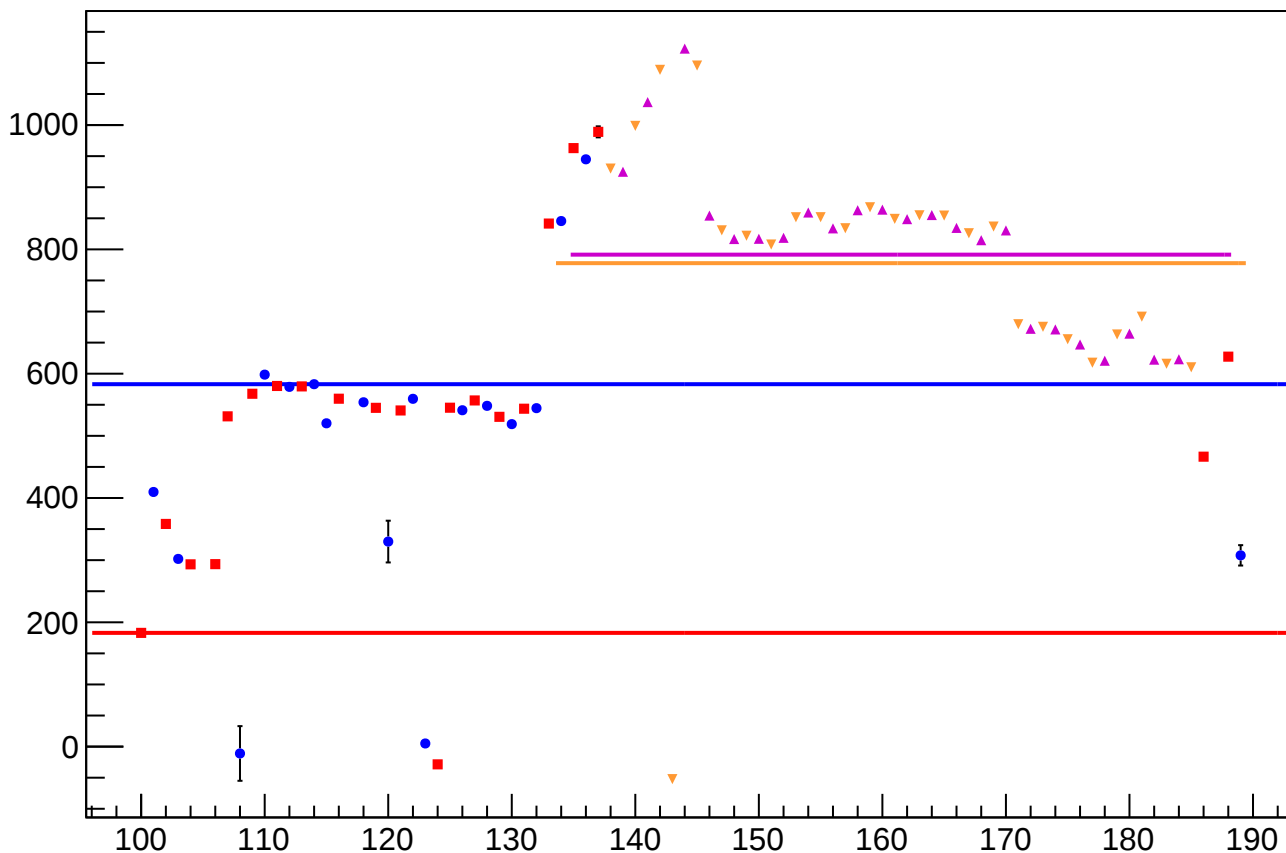
Left In: -868.181 ± 0.145 χ^2/NDF : 820548.1/22

+ sign -411.771 ± 0.000 χ^2/NDF : 11467519.1/42

All: -411.771 ± 0.000 χ^2/NDF : 23349028.3/8

- sign -699.070 ± 0.106 χ^2/NDF : 4549098.9/43

dit_atl2_4eX_slope vs Slug



Right In: 583.096+/-0.000 χ^2/NDF : 1695525.7/17

Left Out: 777.823+/-0.119 χ^2/NDF : 931413.4/24

Right Out: 182.993+/-0.000 χ^2/NDF : 4178805.7/20

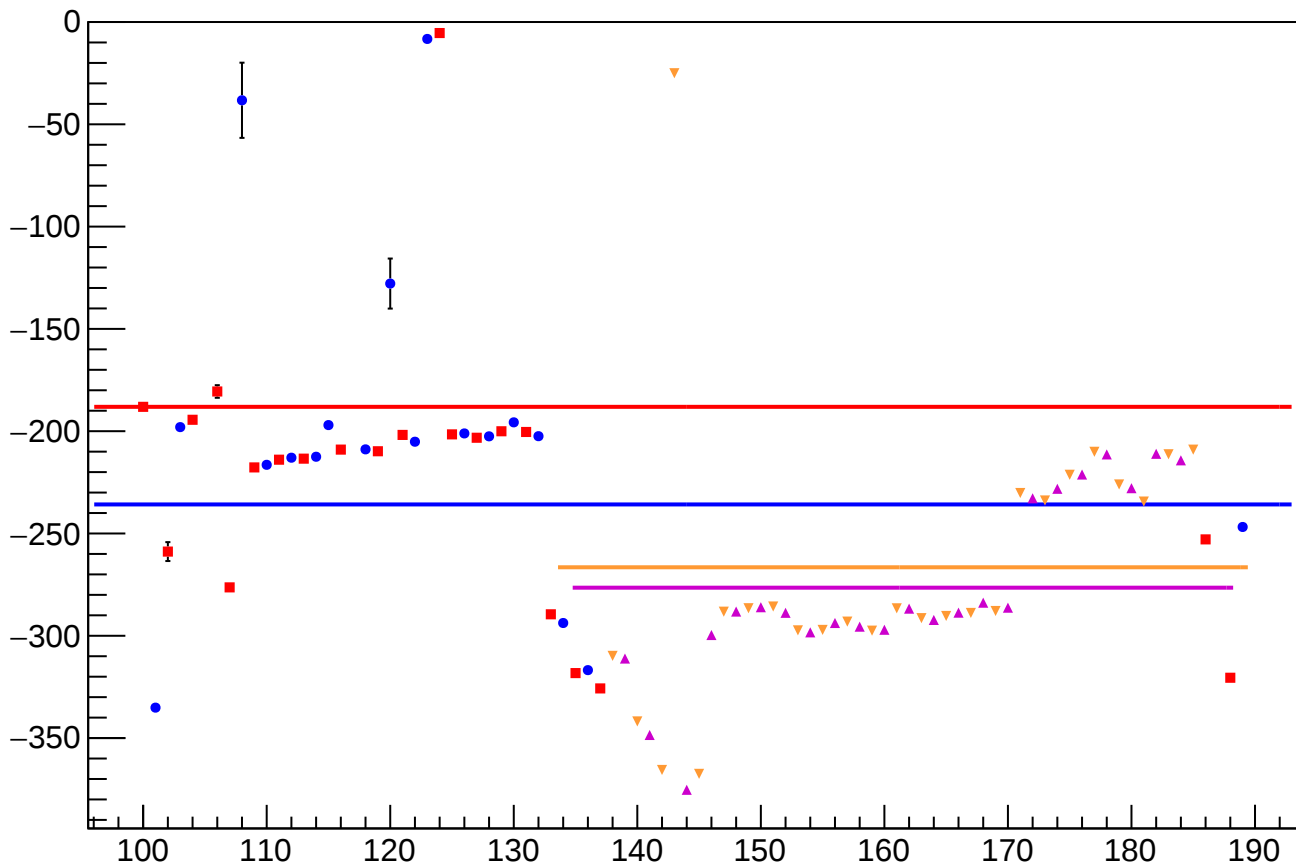
Left In: 791.519+/-0.122 χ^2/NDF : 690326.2/22

+ sign 583.096+/-0.000 χ^2/NDF : 5324332.9/42

All: 224.125+/-0.000 χ^2/NDF : 122237113759

- sign 182.993+/-0.000 χ^2/NDF : 29879889.6/43

dit_atl2_11X12X_slope vs Slug



Right In: -235.803 ± 0.054 $\chi^2/\text{NDF}: 1039169.3/17$

Left Out: -266.521 ± 0.021 $\chi^2/\text{NDF}: 7042321.6/24$

Right Out: -188.094 ± 0.000 $\chi^2/\text{NDF}: 1002057.3/20$

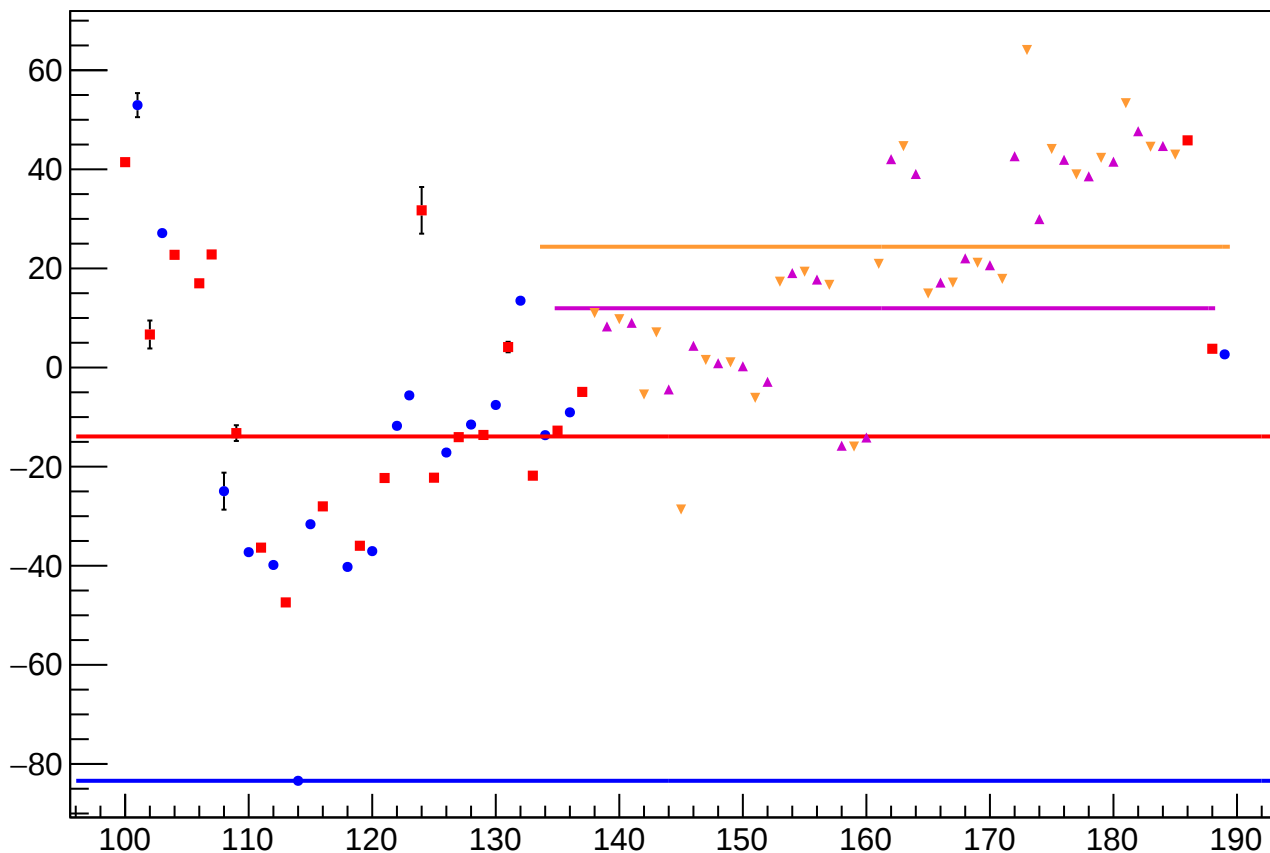
Left In: -276.494 ± 0.022 $\chi^2/\text{NDF}: 2437121.4/22$

+ sign -262.409 ± 0.020 $\chi^2/\text{NDF}: 8365577.3/42$

All: -188.094 ± 0.000 $\chi^2/\text{NDF}: 42256781.4/8$

- sign -188.094 ± 0.000 $\chi^2/\text{NDF}: 19551818.4/43$

dit_atl2_4aY_slope vs Slug



Right In: -83.399 ± 0.000 $\chi^2/\text{NDF}: 16964709.6/17$

Left Out: 24.381 ± 0.019 $\chi^2/\text{NDF}: 1081339.1/24$

Right Out: -13.908 ± 0.091 $\chi^2/\text{NDF}: 52241.6/20$

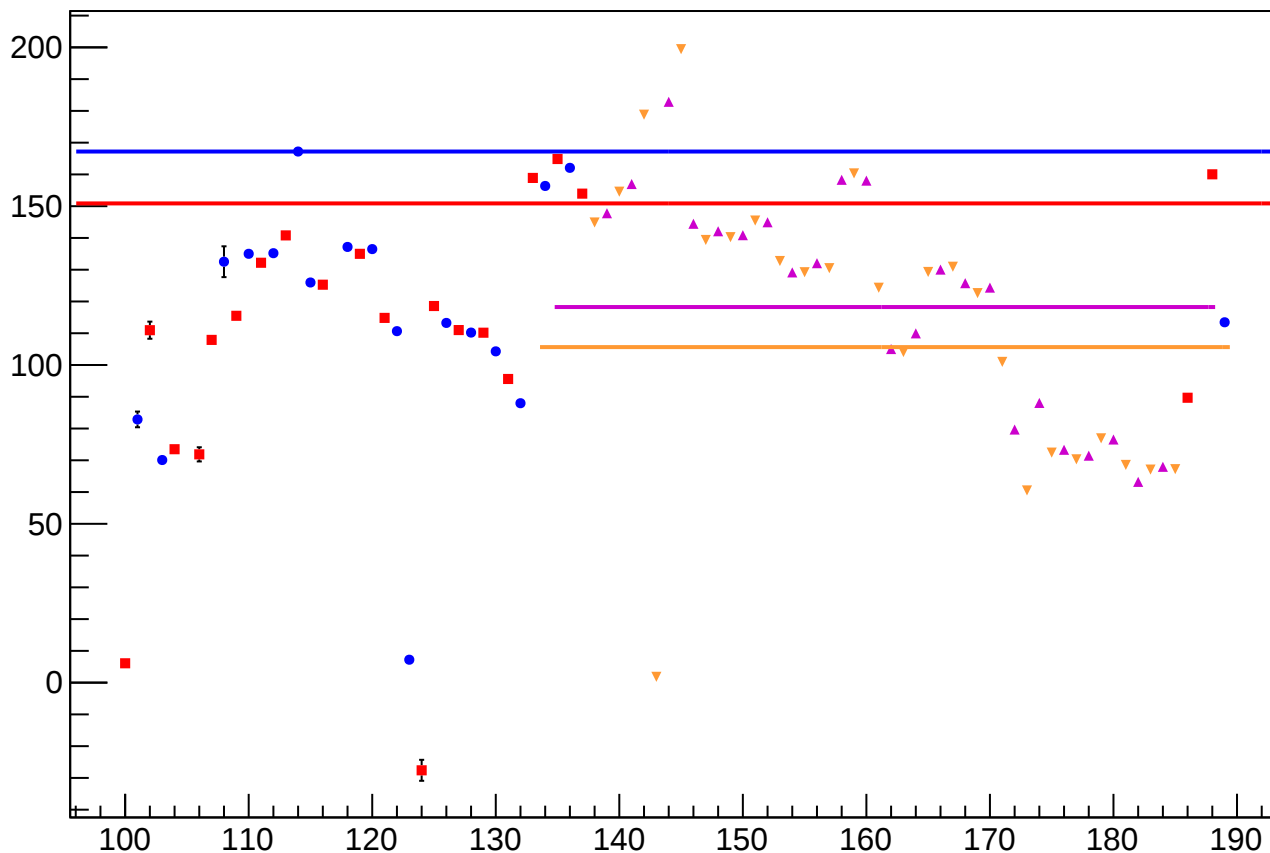
Left In: 11.963 ± 0.018 $\chi^2/\text{NDF}: 1338781.7/22$

+ sign -83.399 ± 0.000 $\chi^2/\text{NDF}: 49434431.7/42$

All: -83.399 ± 0.000 $\chi^2/\text{NDF}: 79329763.3/86$

- sign 10.983 ± 0.018 $\chi^2/\text{NDF}: 1468858.2/43$

dit_atl2_4eY_slope vs Slug



Right In: 167.207 $\pm$ 0.000 χ^2 /NDF: 378942.4/17

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

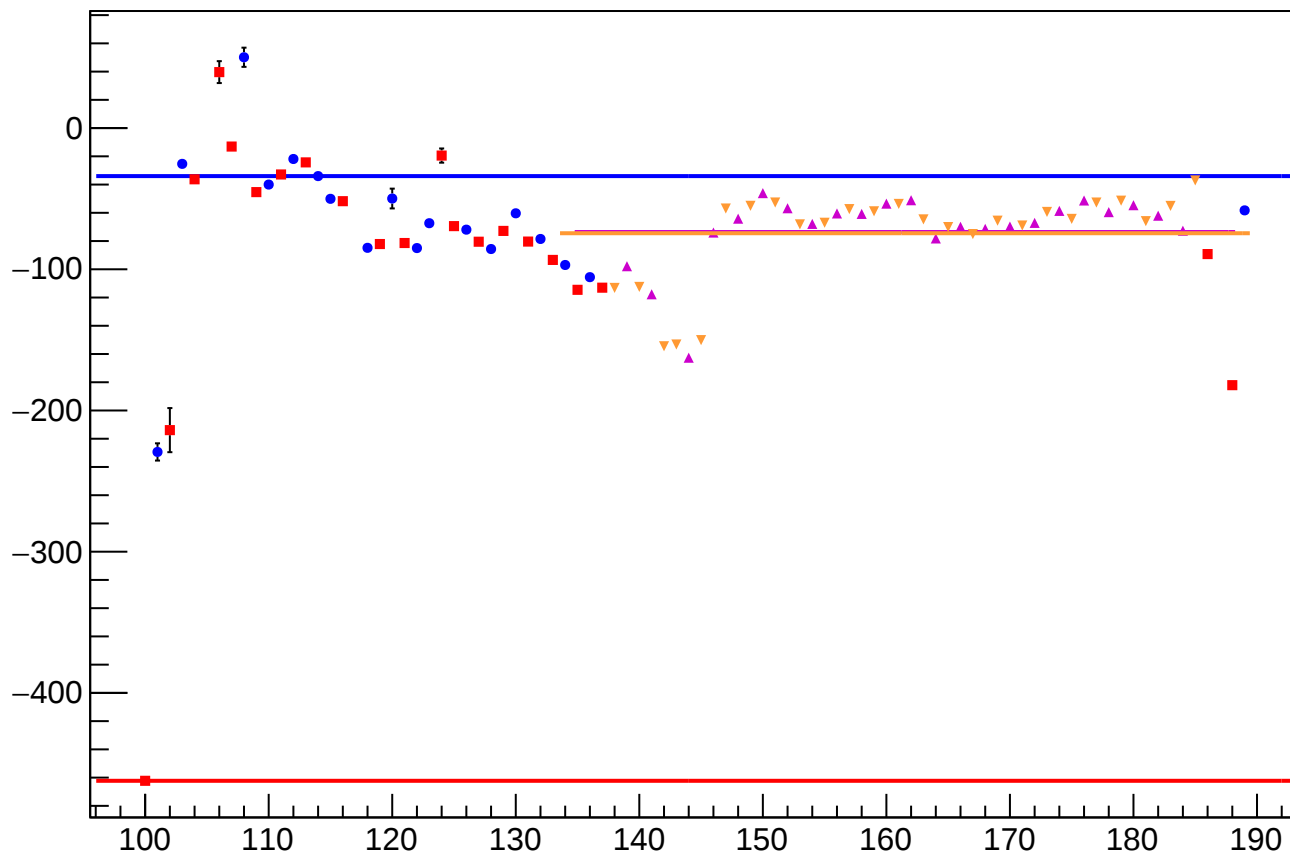
Left In: 118.249 $\pm$ 0.024 χ^2 /NDF:1825537.3/22

+ sign 167.207 $\pm$ 0.000 χ^2 /NDF: 9130649.5/42

All: 167.207 $\pm$ 0.000 χ^2 /NDF: 15810197.8/80

- sign 130.802 $\pm$ 0.019 χ^2 /NDF: 2819759.7/43

dit_atr1_4aX_slope vs Slug



Right In: -34.002 ± 0.000 $\chi^2/\text{NDF}: 103662.3/17$

Left Out: -74.468 ± 0.109 $\chi^2/\text{NDF}: 71329.2/24$

Right Out: -462.254 ± 0.000 $\chi^2/\text{NDF}: 5241653.4/20$

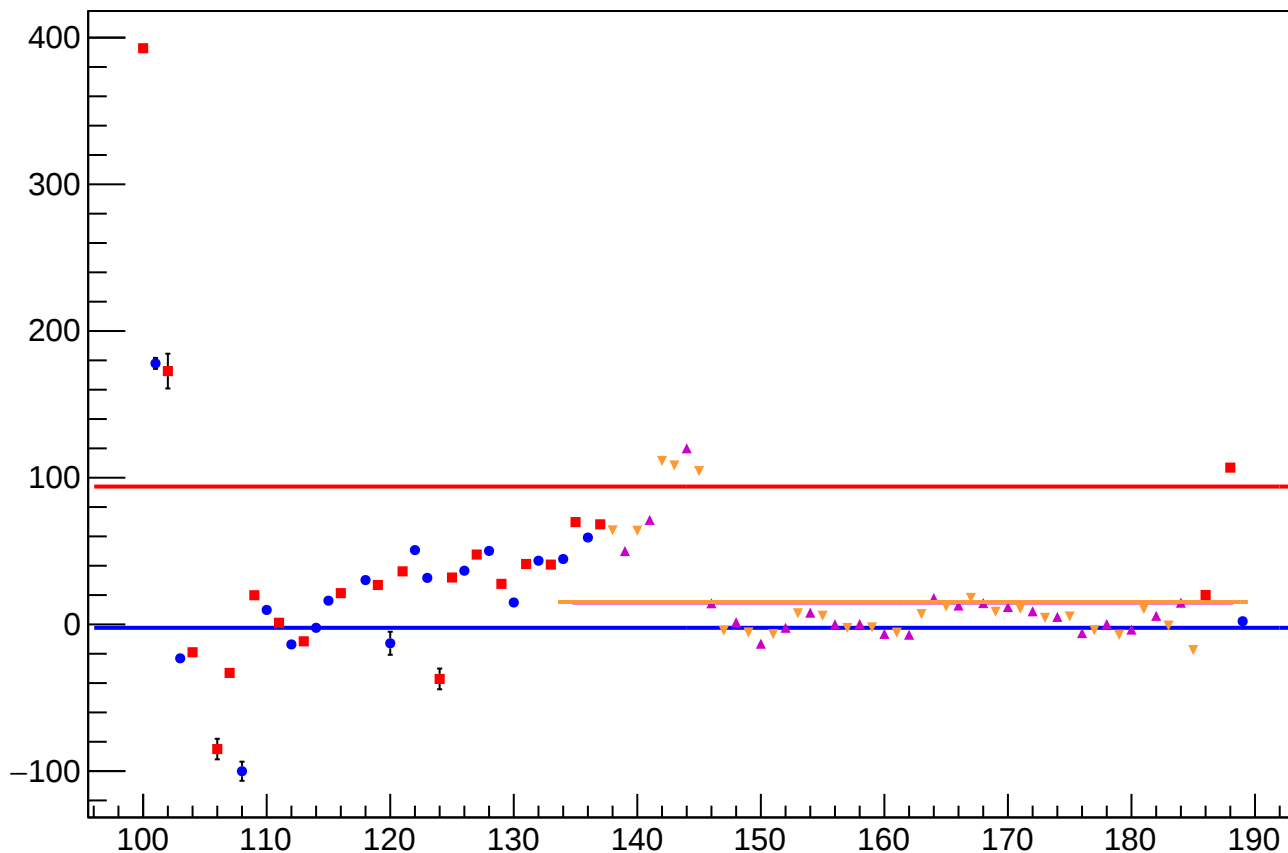
Left In: -73.591 ± 0.110 $\chi^2/\text{NDF}: 68577.9/22$

+ sign -34.002 ± 0.000 $\chi^2/\text{NDF}: 313755.4/42$

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 : 72310.9/17

Left Out: 15.294 ± 0.095 χ^2/NDF : 107606.8/24

Right Out: 93.973 ± 0.164 χ^2/NDF : 807588.5/20

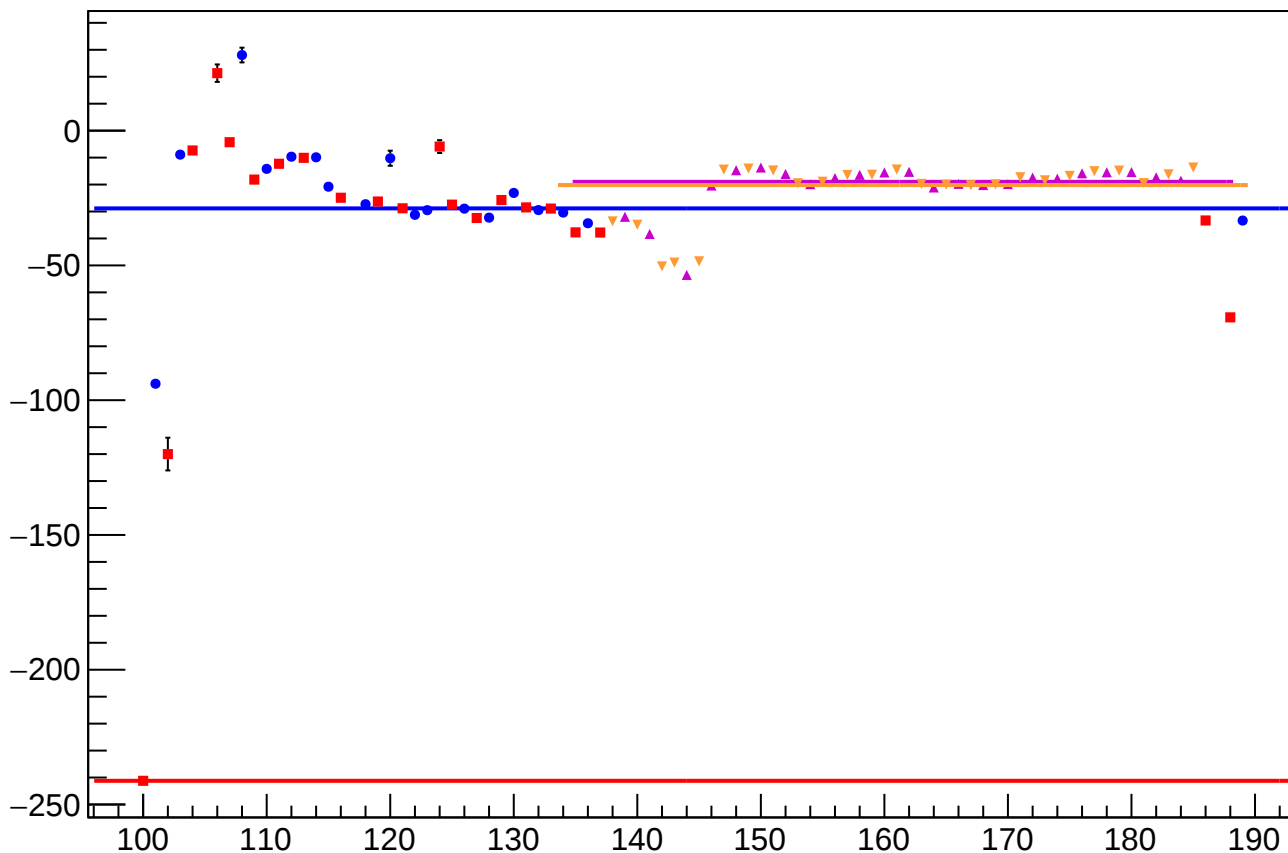
Left In: 14.934 ± 0.098 χ^2/NDF : 96635.9/22

+ sign -2.317 ± 0.000 χ^2/NDF : 214168.5/42

All: -2.317 ± 0.000 χ^2/NDF : 1492153.0/86

- sign 35.652 ± 0.084 χ^2/NDF : 1074648.4/43

dit_atr1_11X12X_slope vs Slug



Right In: -28.842 ± 0.035 $\chi^2/\text{NDF}: 49530.0/17$

Left Out: -20.179 ± 0.012 $\chi^2/\text{NDF}: 393146.9/24$

Right Out: -241.209 ± 0.000 $\chi^2/\text{NDF}: 33307480.9/20$

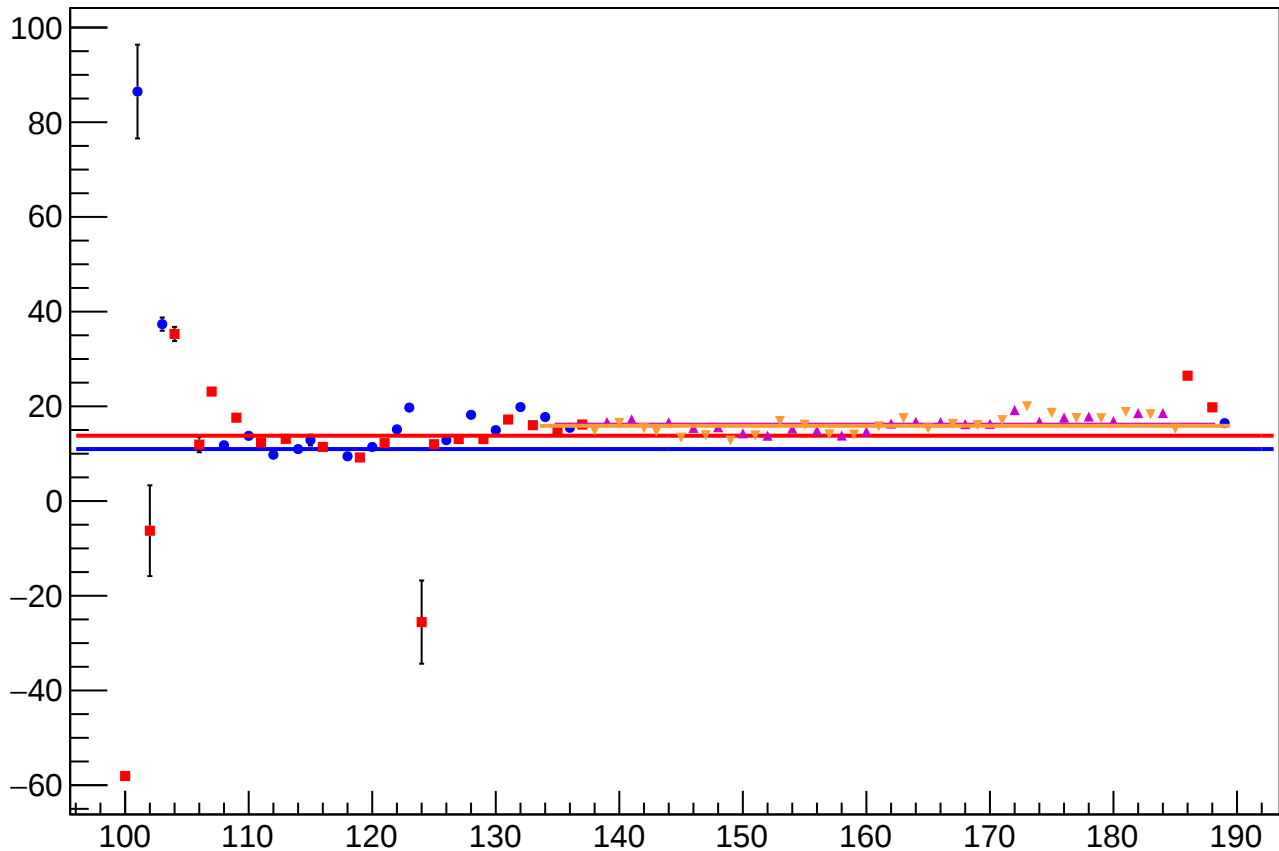
Left In: -18.993 ± 0.014 $\chi^2/\text{NDF}: 207001.6/22$

+ sign -21.092 ± 0.011 $\chi^2/\text{NDF}: 496885.2/42$

All: -241.209 ± 0.000 $\chi^2/\text{NDF}: 658711565.7/100$

- sign -241.209 ± 0.000 $\chi^2/\text{NDF}: 286947968.9/43$

dit_atr1_4aY_slope vs Slug



Right In: 10.978 $\pm$ 0.000 χ^2 /NDF: 26449.3/17

Left Out: 15.888 $\pm$ 0.014 χ^2 /NDF:13297.1/24

Right Out: 13.801 $\pm$ 0.044 χ^2 /NDF: 38768.3/20

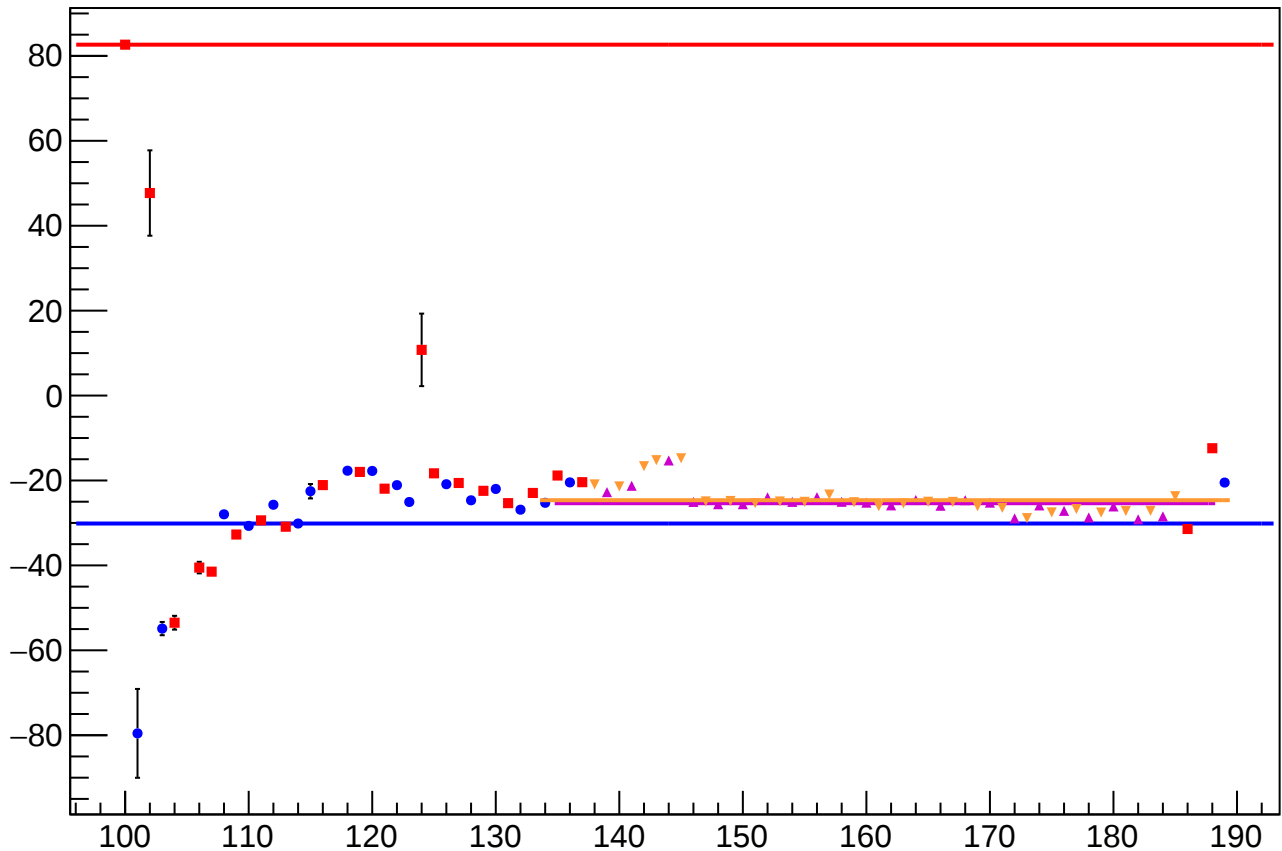
Left In: 16.127 $\pm$ 0.013 χ^2 /NDF:12045.9/22

+ sign 10.978 $\pm$ 0.000 χ^2 /NDF: 168409.2/42

All: 10.978 $\pm$ 0.000 χ^2 /NDF: 388984.6/86

- sign 15.947 $\pm$ 0.012 χ^2 /NDF: 53427.3/43

dit_atr1_4eY_slope vs Slug



Right In: -30.139 ± 0.000 χ^2/NDF : 76174.6/17

Left Out: -24.646 ± 0.015 χ^2/NDF : 40888.3/24

Right Out: 82.645 ± 0.000 χ^2/NDF : 4191824.2/20

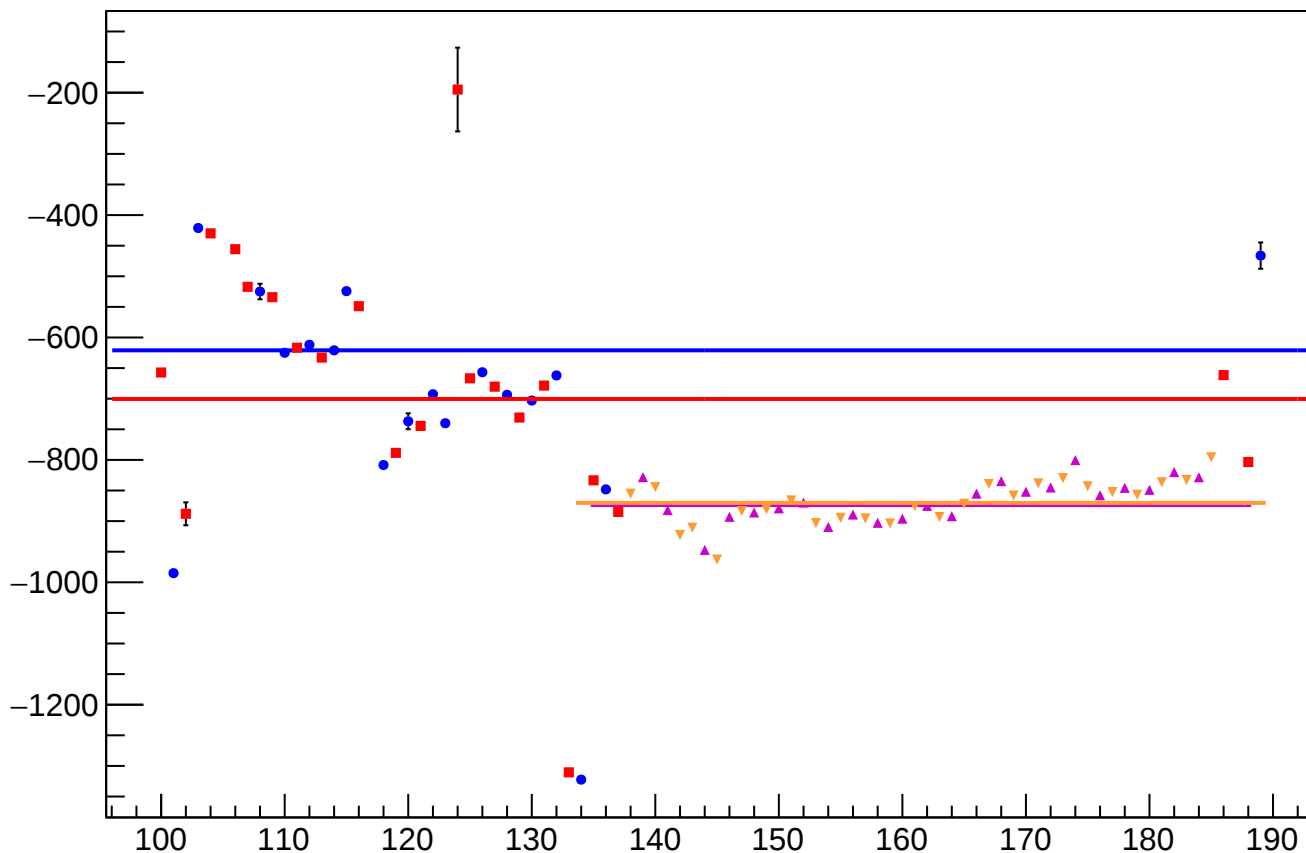
Left In: -25.356 ± 0.016 χ^2/NDF : 16913.2/22

+ sign -30.139 ± 0.000 χ^2/NDF : 242853.9/42

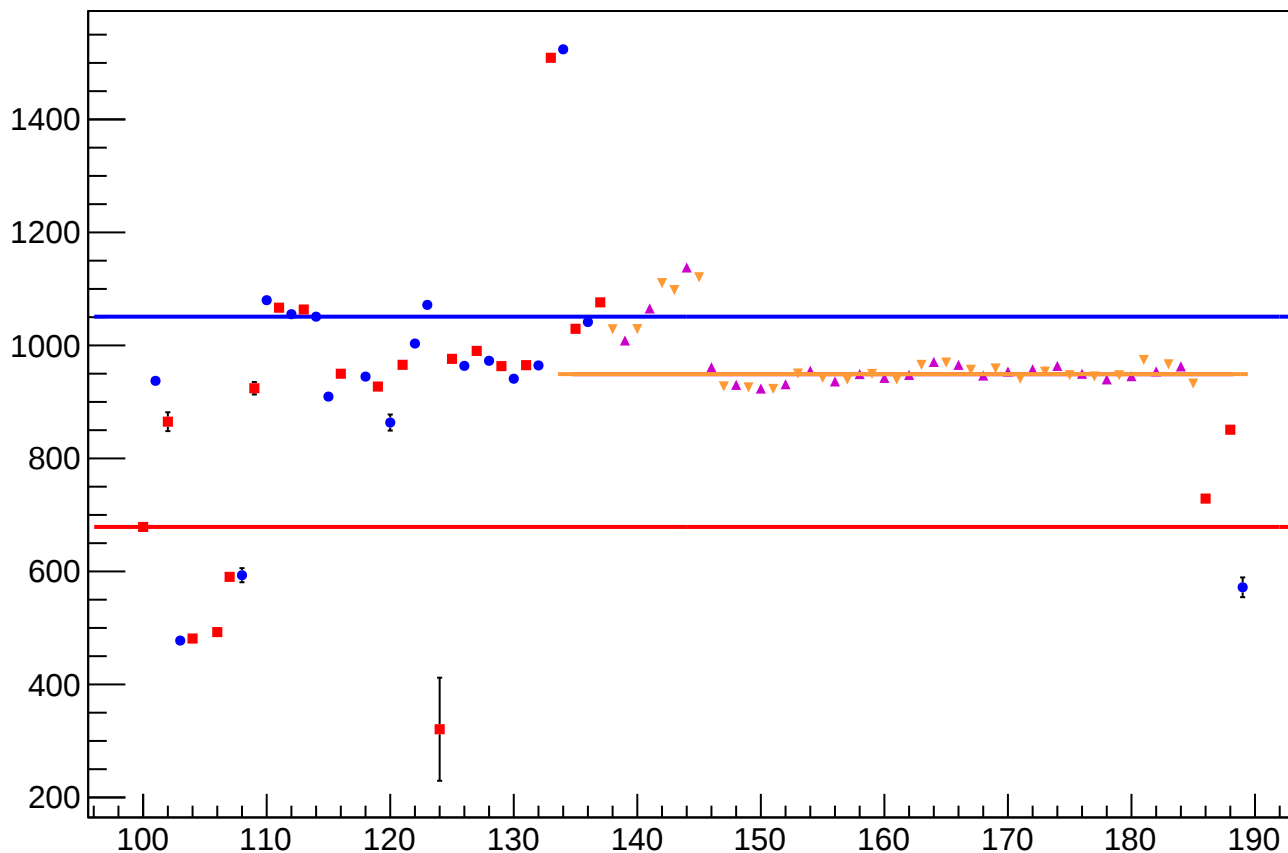
All: -26.421 ± 0.000 χ^2/NDF : 365466407976

- sign 82.645 ± 0.000 χ^2/NDF : 50621315.8/43

dit_atr2_4aX_slope vs Slug



dit_atr2_4eX_slope vs Slug



Right In: 1050.885 $\pm$ 0.000 χ^2 /NDF: 297286.0/17

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

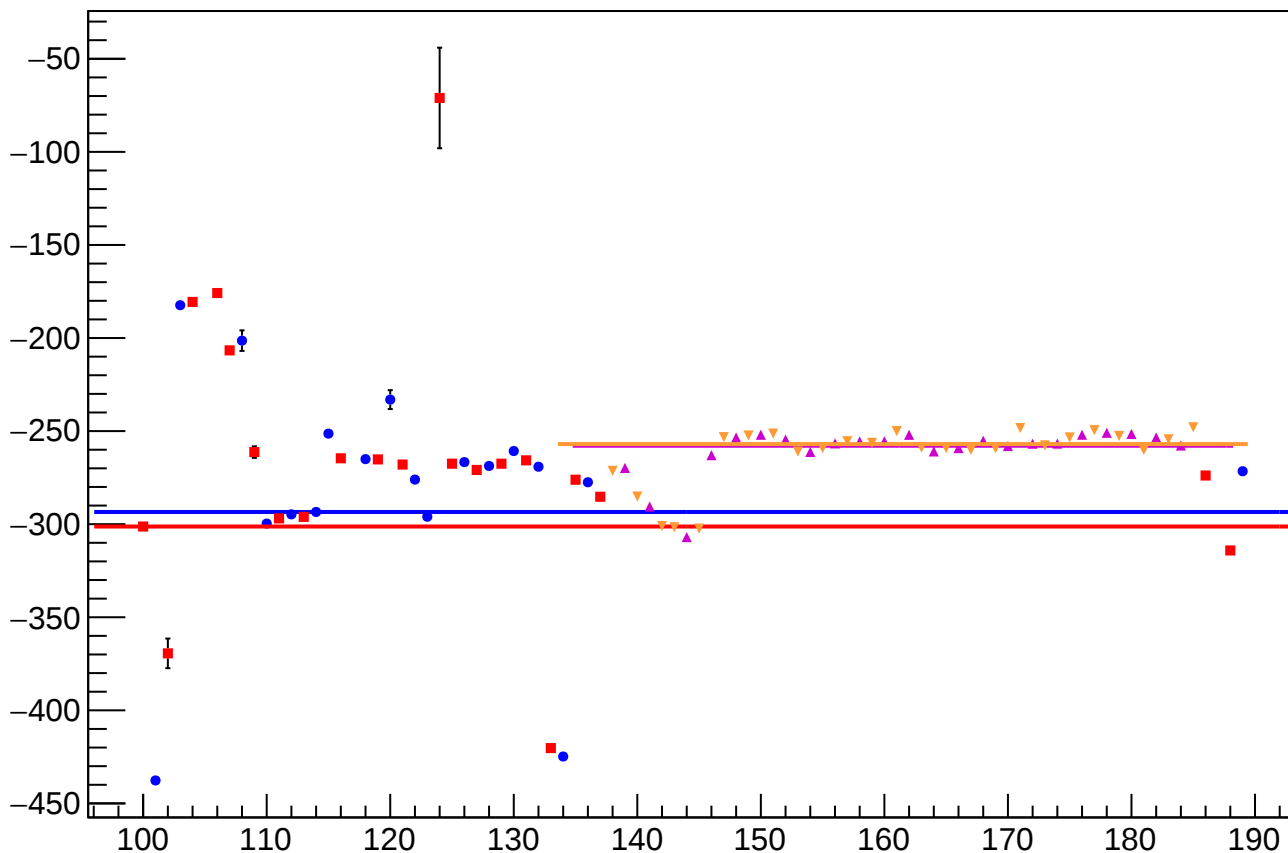
Left In: 949.032 $\pm$ 0.102 χ^2 /NDF: 76875.5/22

+ sign 1050.885 $\pm$ 0.000 χ^2 /NDF: 1373217.9/42

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 : 819422.6/17

Left Out: -256.966+/-0.019 χ^2/NDF :180779.9/24

Right Out: -301.259+/-0.000 χ^2/NDF : 733015.0/20

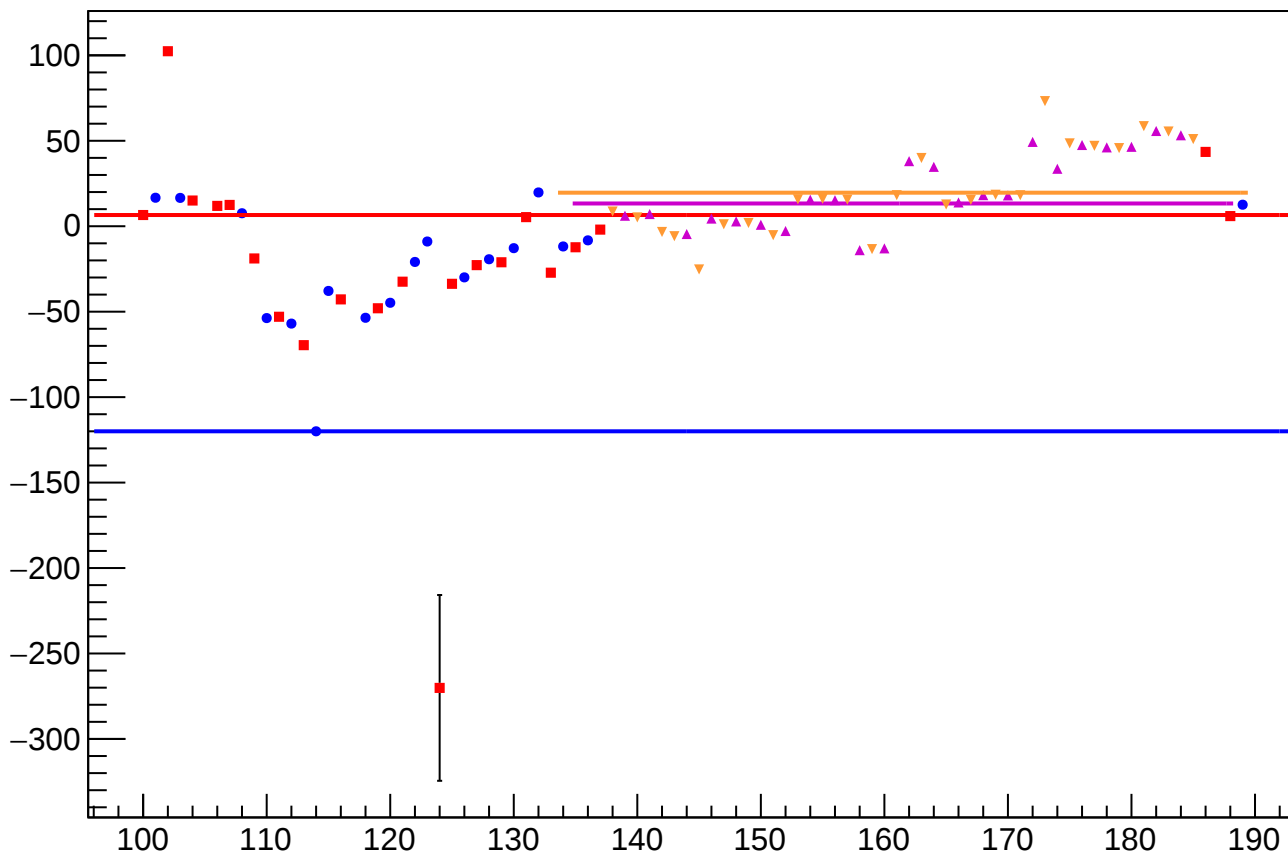
Left In: -257.860+/-0.019 χ^2/NDF :208410.5/22

+ sign -293.440+/-0.000 χ^2/NDF : 4681678.1/42

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 : 1535569.4/17

Left Out: 19.630+/-0.019 χ^2/NDF :1348530.3/24

Right Out: 6.562+/-0.000 χ^2/NDF : 120557.6/20

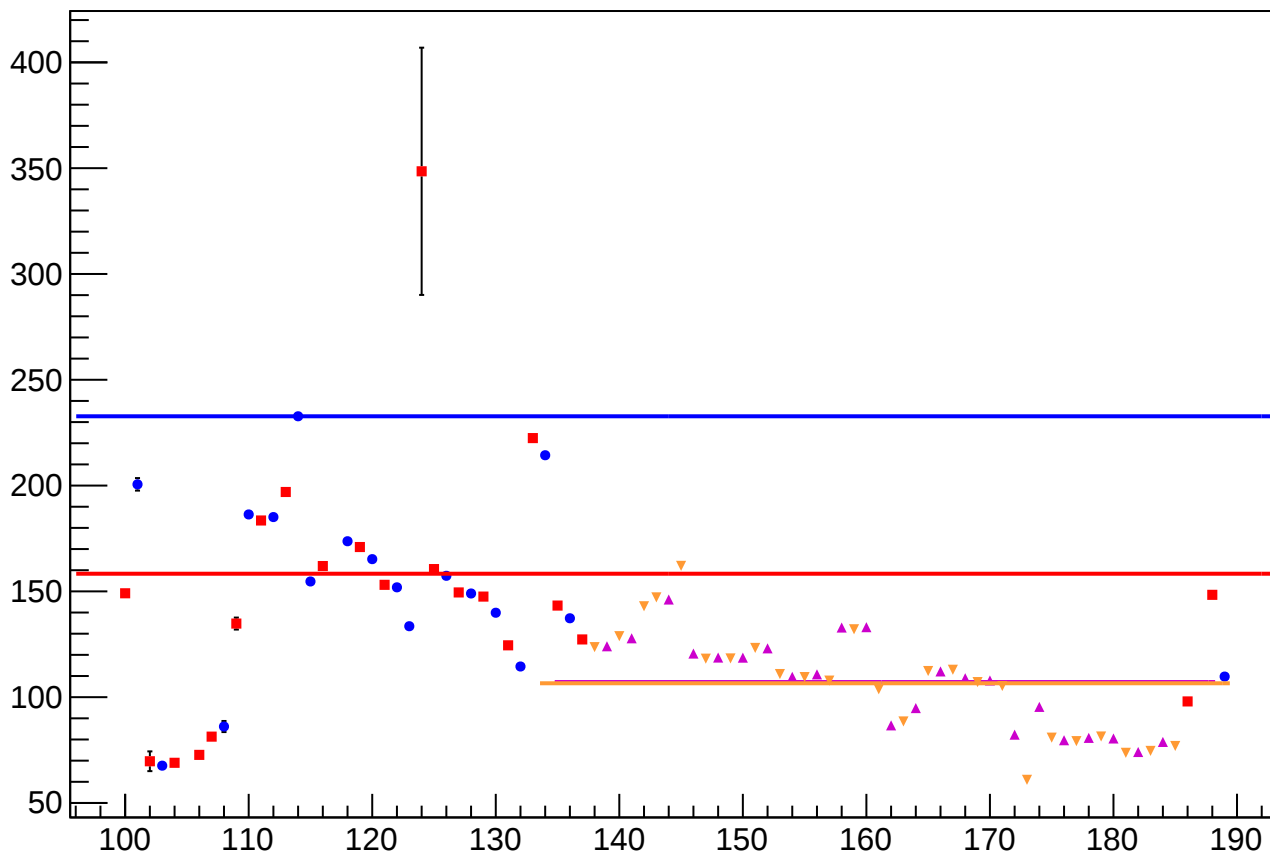
Left In: 13.314+/-0.019 χ^2/NDF :1023799.5/22

+ sign -119.993+/-0.000 χ^2/NDF : 59545376.6/42

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: 898414.3/17

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

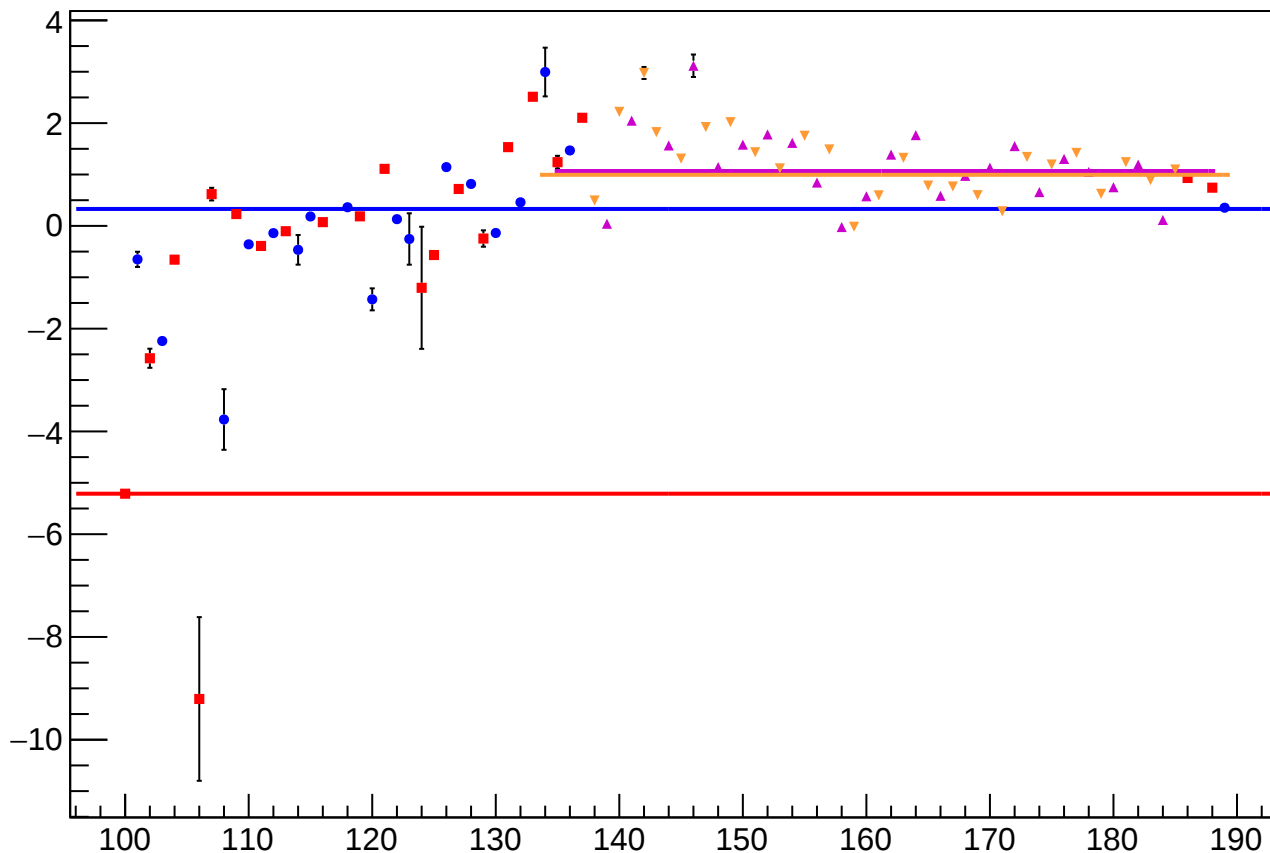
Left In: 107.162 $\pm$ 0.020 χ^2 /NDF: 786041.1/22

+ sign 232.747 $\pm$ 0.000 χ^2 /NDF: 33064983.2/42

All: 232.747 $\pm$ 0.000 χ^2 /NDF: 75524271.6/80

- sign 109.853 $\pm$ 0.019 χ^2 /NDF: 1324621.2/43

dit_sam1_4aX_slope vs Slug



Right In: 0.330 ± 0.013 χ^2/NDF : 4100.4/17

Left Out: 0.994 ± 0.007 χ^2/NDF : 6460.8/24

Right Out: -5.212 ± 0.000 χ^2/NDF : 523020.6/20

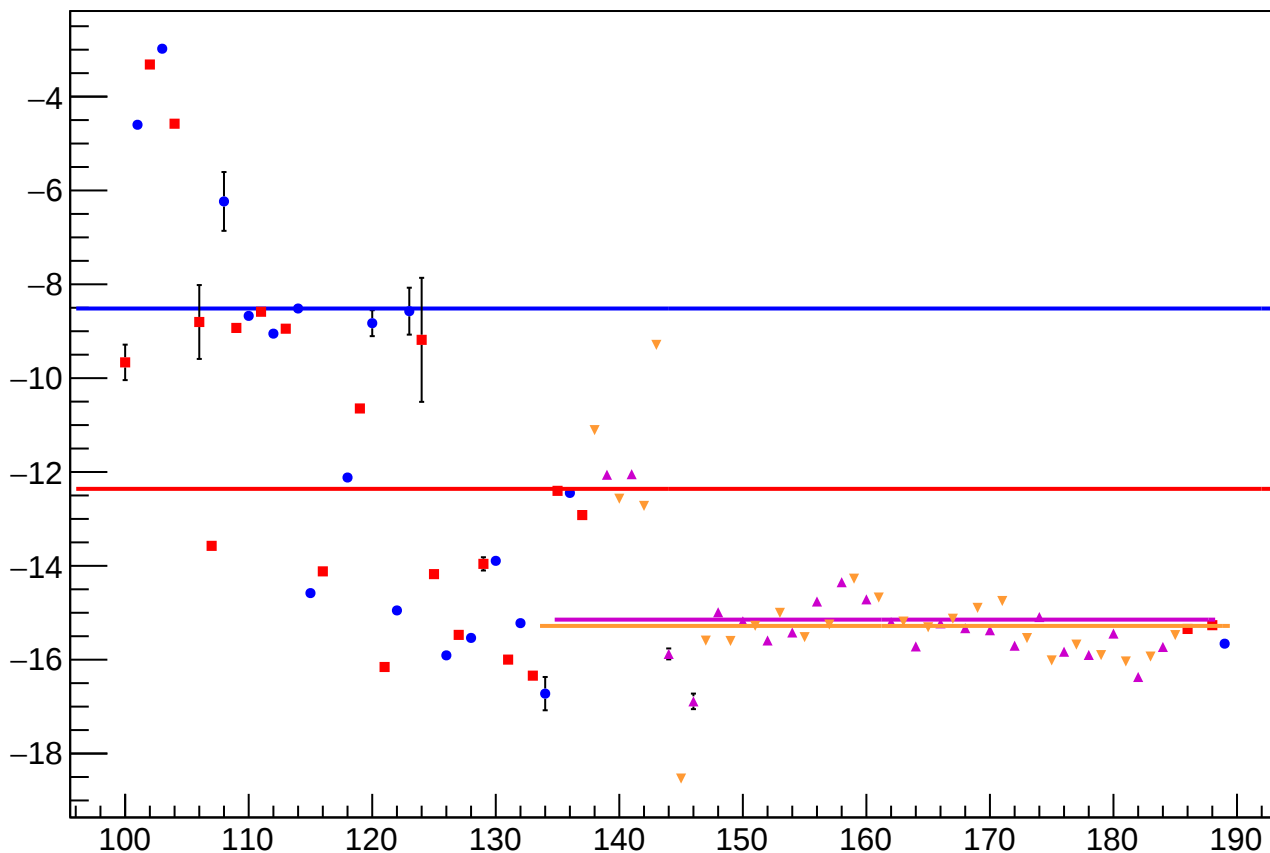
Left In: 1.068 ± 0.006 χ^2/NDF : 7383.3/22

+ sign 0.846 ± 0.006 χ^2/NDF : 12727.6/42

All: -5.212 ± 0.000 χ^2/NDF : 2524605.5/86

- sign -5.212 ± 0.000 χ^2/NDF : 1472948.8/43

dit_sam1_4eX_slope vs Slug



Right In: -8.516 ± 0.000 χ^2/NDF : 424865.0/17

Left Out: -15.280 ± 0.005 χ^2/NDF : 40352.7/24

Right Out: -12.359 ± 0.010 χ^2/NDF : 126292.4/20

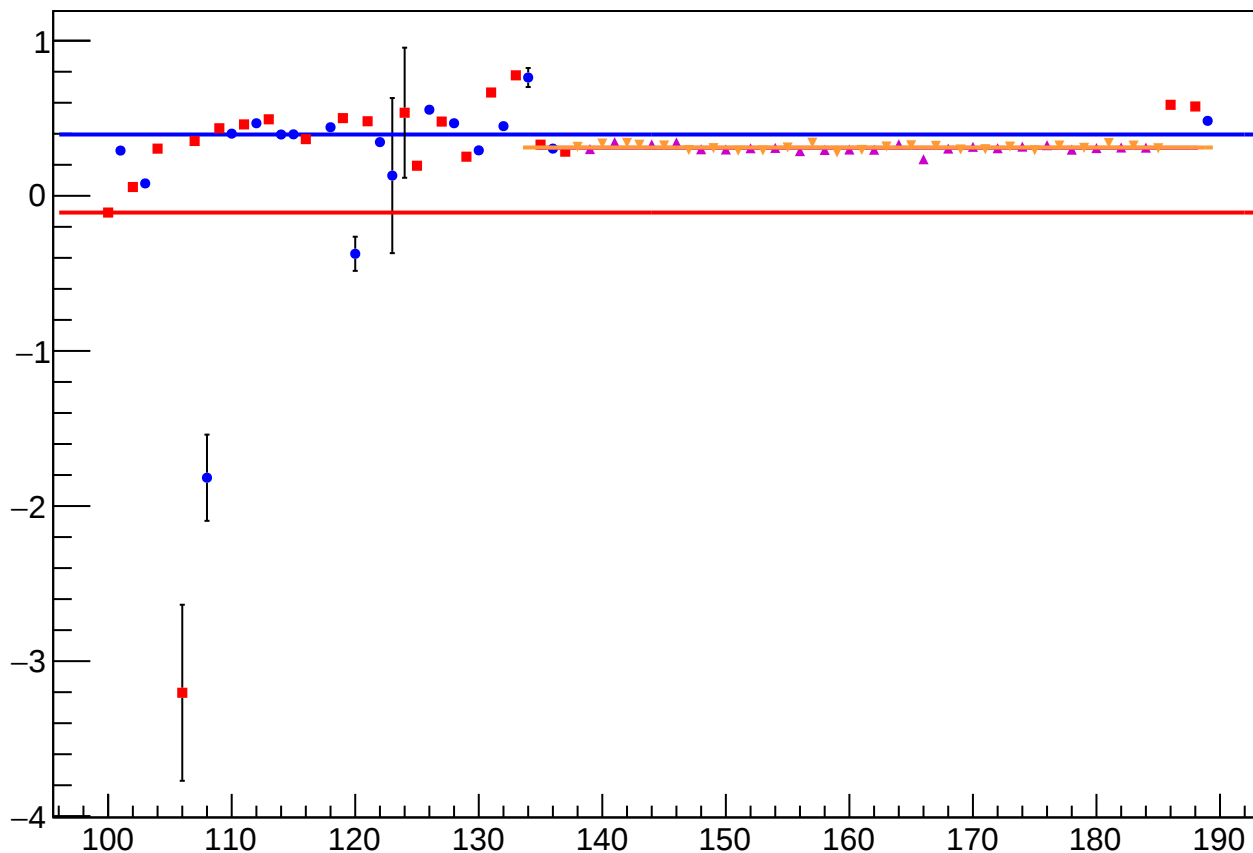
Left In: -15.146 ± 0.006 χ^2/NDF : 15634.6/22

+ sign -8.516 ± 0.000 χ^2/NDF : 2041502.4/42

All: -8.516 ± 0.000 χ^2/NDF : 3631854.7/86

- sign -14.494 ± 0.005 χ^2/NDF : 196236.8/43

dit_sam1_11X12X_slope vs Slug



Right In: 0.395 ± 0.000 χ^2/NDF : 10323.5/17

Left Out: 0.312 ± 0.000 χ^2/NDF : 5312.5/24

Right Out: -0.108 ± 0.000 χ^2/NDF : 132355.8/20

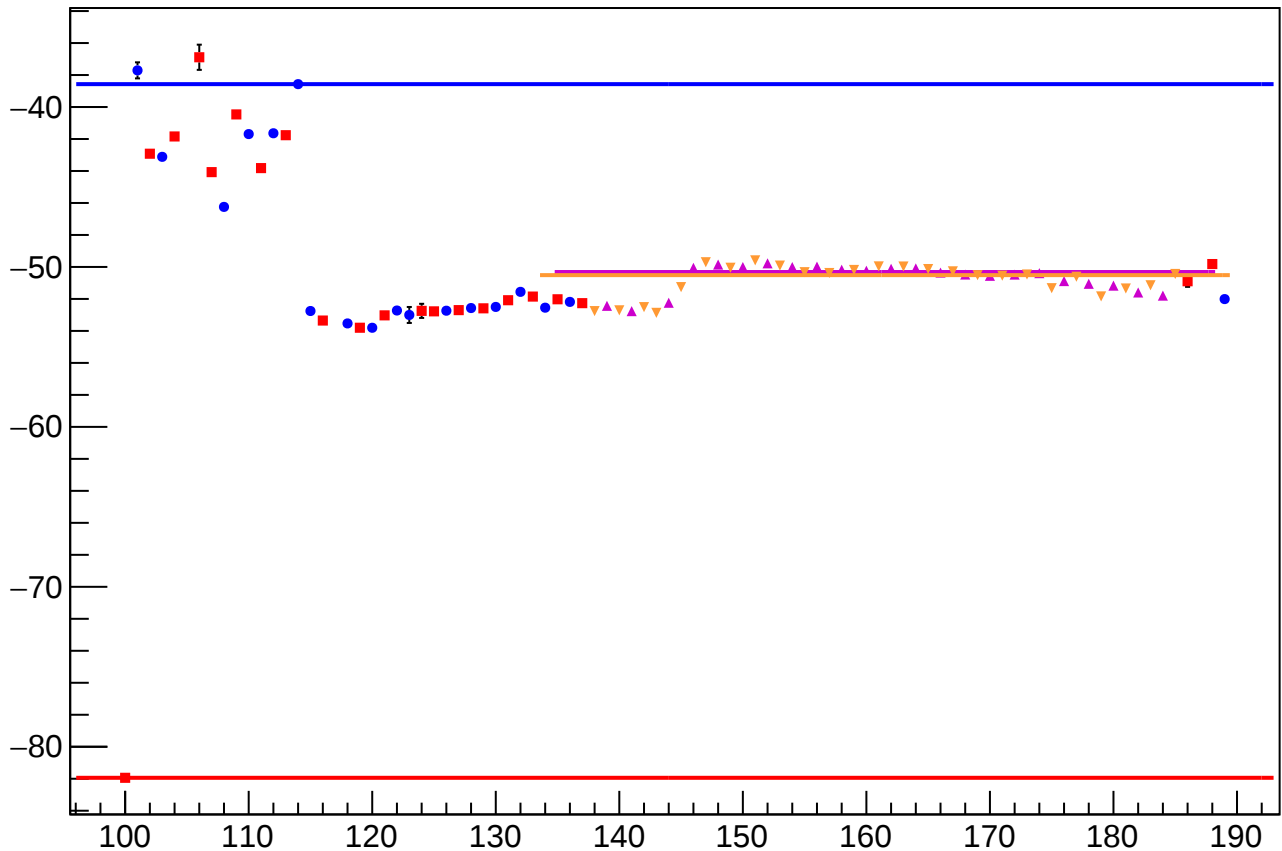
Left In: 0.309 ± 0.000 χ^2/NDF : 2994.1/22

+ sign 0.395 ± 0.000 χ^2/NDF : 159769.0/42

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 $\chi^2/\text{NDF}: 12315519.3/17$

Left Out: -50.512 ± 0.001 $\chi^2/\text{NDF}: 289828.8/24$

Right Out: -81.941 ± 0.000 $\chi^2/\text{NDF}: 120439872.5/20$

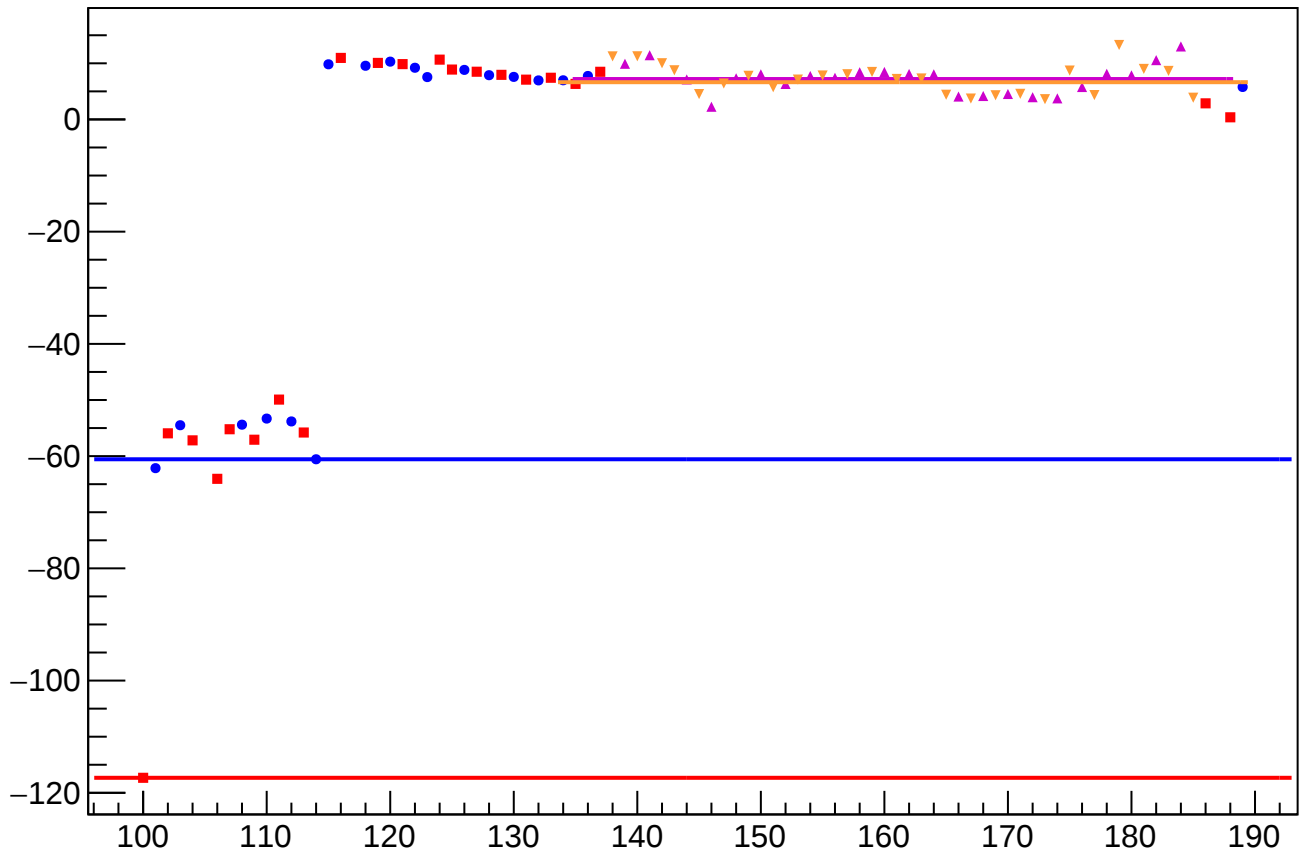
Left In: -50.317 ± 0.001 $\chi^2/\text{NDF}: 186234.6/22$

+ sign -38.570 ± 0.000 $\chi^2/\text{NDF}: 81932121.2/42$

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 $\chi^2/\text{NDF}: 179321613.0/17$

Left Out: 6.637 ± 0.004 $\chi^2/\text{NDF}: 338489.5/24$

Right Out: -117.324 ± 0.000 $\chi^2/\text{NDF}: 219645334.5/20$

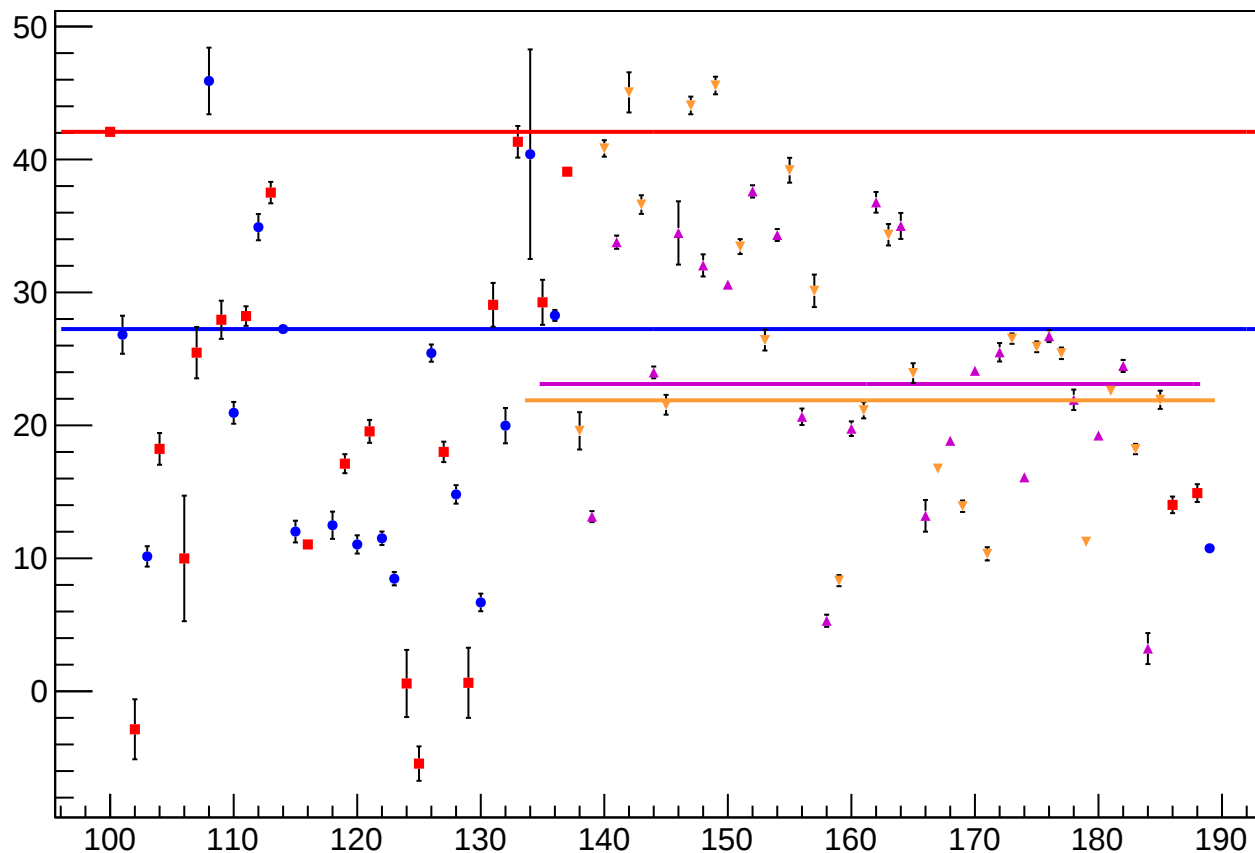
Left In: 7.199 ± 0.003 $\chi^2/\text{NDF}: 202969.6/22$

+ sign -60.561 ± 0.000 $\chi^2/\text{NDF}: 508741719.8/42$

All: -91.839 ± 0.000 $\chi^2/\text{NDF}: 429805156128$

- sign -117.324 ± 0.000 $\chi^2/\text{NDF}: 1514040760.8/43$

dit_sam2_4aX_slope vs Slug



Right In: 27.244 $\pm$ 0.000 χ^2 /NDF: 7856.5/17

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

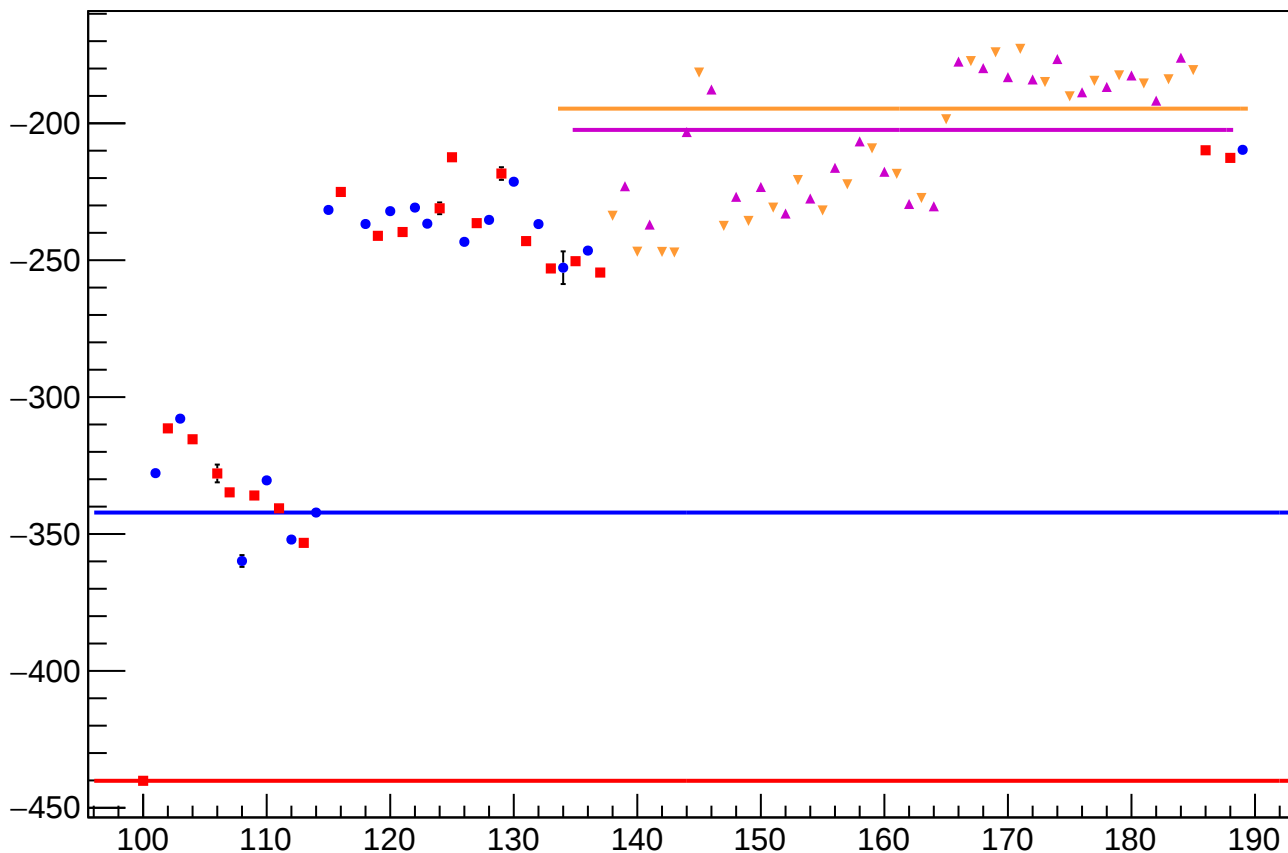
Left In: 23.111 $\pm$ 0.097 χ^2 /NDF:6631.9/22

+ sign 27.244 $\pm$ 0.000 χ^2 /NDF: 19604.3/42

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 : 341414.0/17

Left Out: -194.642+/-0.083 χ^2/NDF : 69633.8/24

Right Out: -440.136+/-0.000 χ^2/NDF : 7366784.6/20

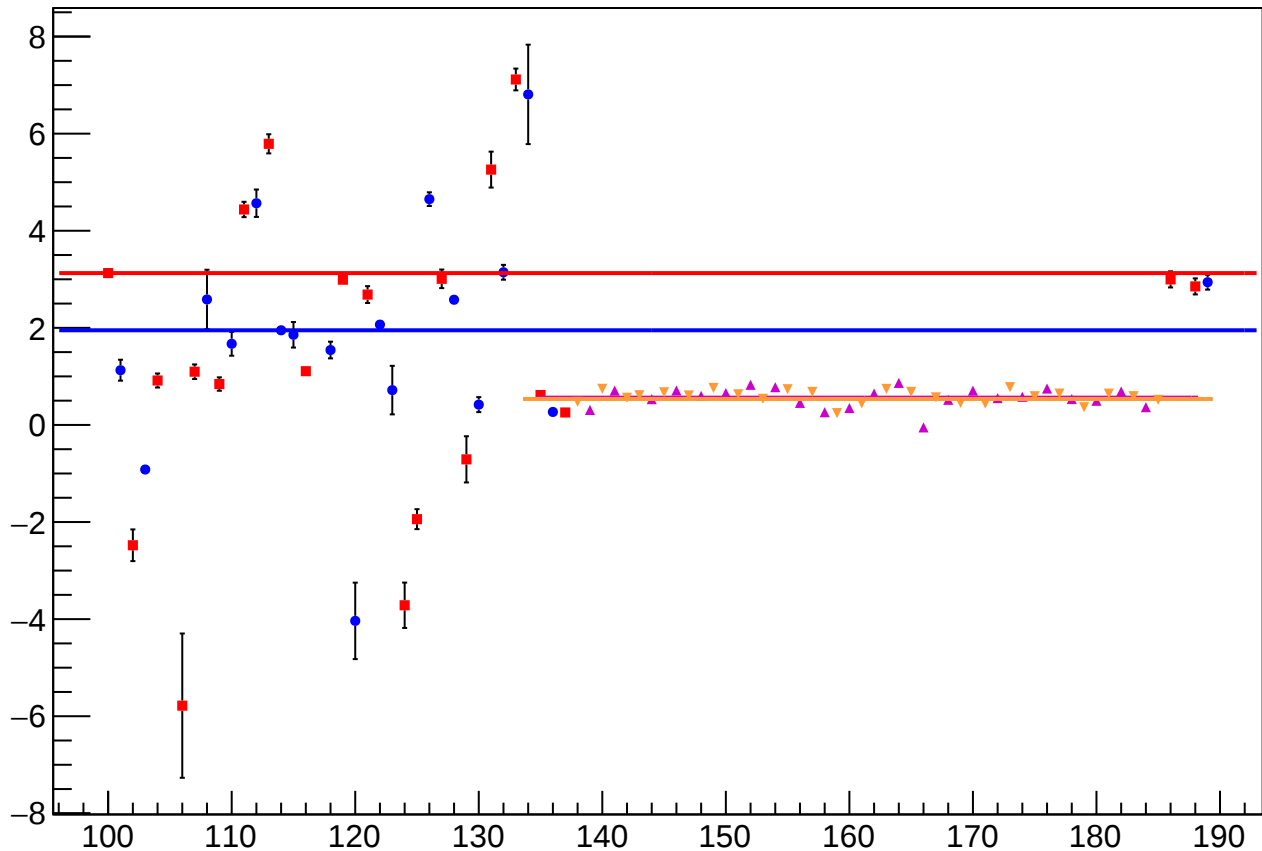
Left In: -202.410+/-0.086 χ^2/NDF : 63292.5/22

+ sign -342.165+/-0.000 χ^2/NDF : 3542272.5/42

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 $\pm$ 0.000 χ^2 /NDF: 64145.9/17

Left Out: 0.535 $\pm$ 0.002 χ^2 /NDF:10952.3/24

Right Out: 3.128 $\pm$ 0.000 χ^2 /NDF: 24968.8/20

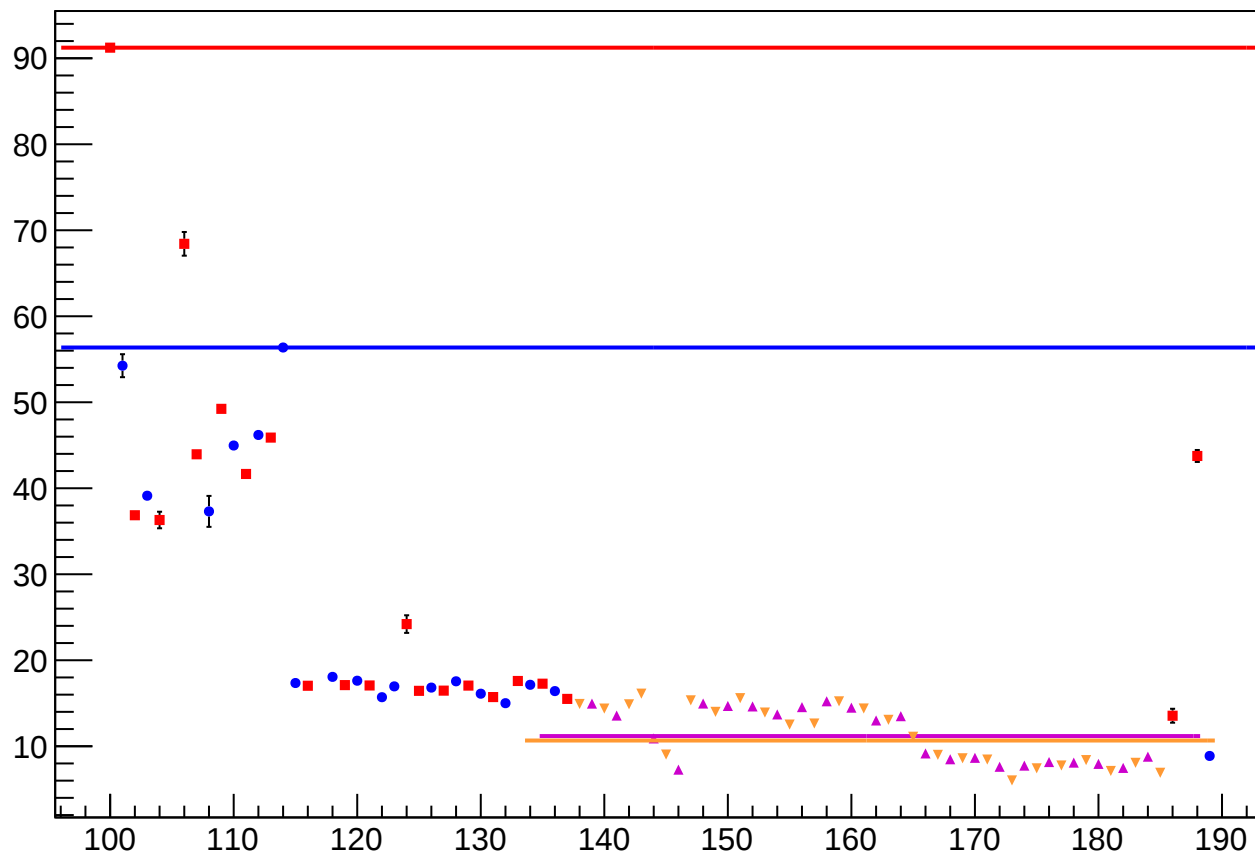
Left In: 0.562 $\pm$ 0.001 χ^2 /NDF:16291.7/22

+ sign 1.950 $\pm$ 0.000 χ^2 /NDF: 824043.3/42

All: 2.366 $\pm$ 0.000 χ^2 /NDF: 27324586822992

- sign 3.128 $\pm$ 0.000 χ^2 /NDF: 3191053.3/43

dit_sam2_4aY_slope vs Slug



Right In: 56.366+/-0.000 χ^2/NDF : 8305565.3/17

Left Out: 10.666+/-0.006 χ^2/NDF : 292197.2/24

Right Out: 91.232+/-0.000 χ^2/NDF : 17936256.4/20

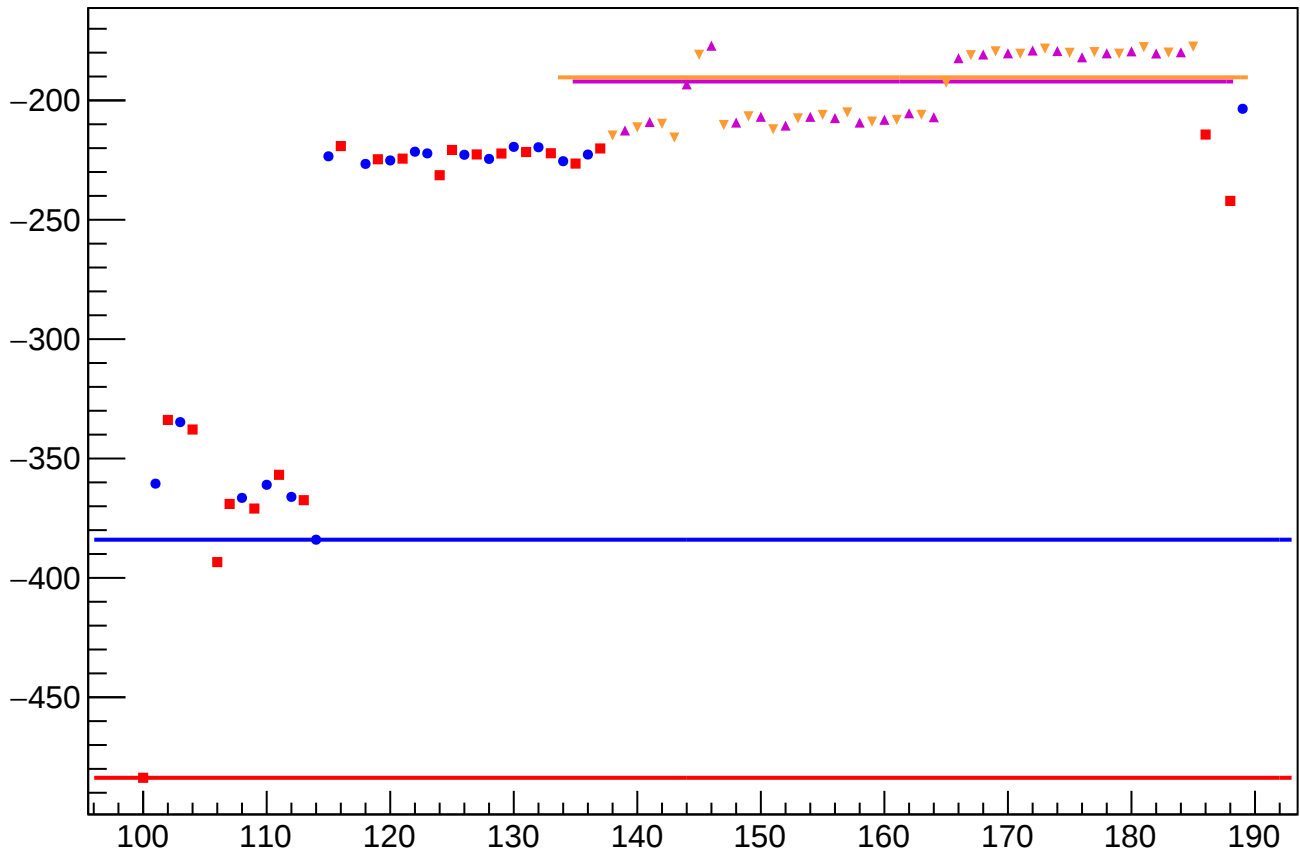
Left In: 11.184+/-0.007 χ^2/NDF : 221112.8/22

+ sign 56.366+/-0.000 χ^2/NDF : 58651335.1/42

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 : 17511454.2/17

Left Out: -190.350+/-0.012 χ^2/NDF : 1508382.7/24

Right Out: -483.735+/-0.000 χ^2/NDF : 27851389.6/20

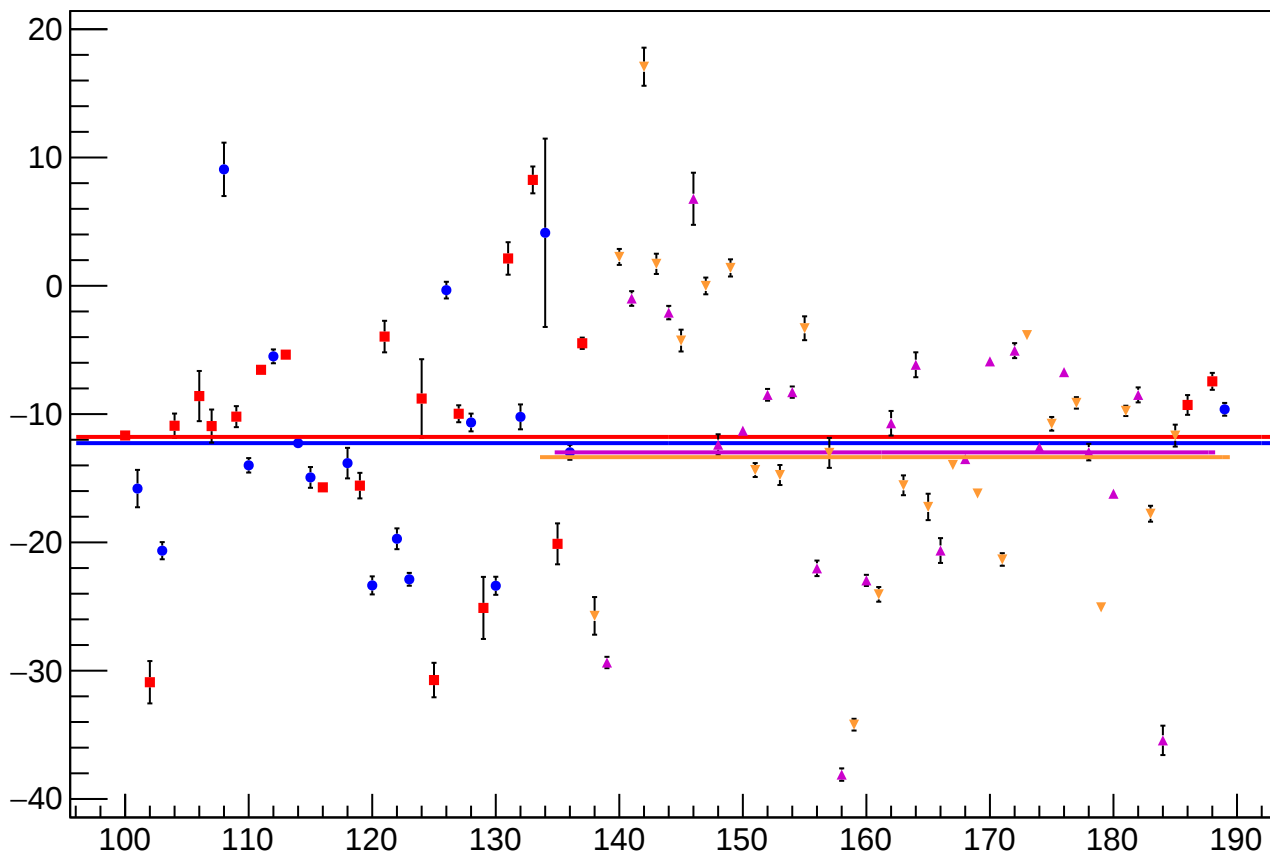
Left In: -192.086+/-0.012 χ^2/NDF : 1430161.9/22

+ sign -384.003+/-0.000 χ^2/NDF : 298918824.7/42

All: -452.390+/-0.000 χ^2/NDF : 58047820362

- sign -483.735+/-0.000 χ^2/NDF : 660924804.5/43

dit_sam3_4aX_slope vs Slug



Right In: -12.264 ± 0.000 $\chi^2/\text{NDF}: 1872.2/17$

Left Out: -13.356 ± 0.109 $\chi^2/\text{NDF}: 7255.1/24$

Right Out: -11.779 ± 0.105 $\chi^2/\text{NDF}: 2582.9/20$

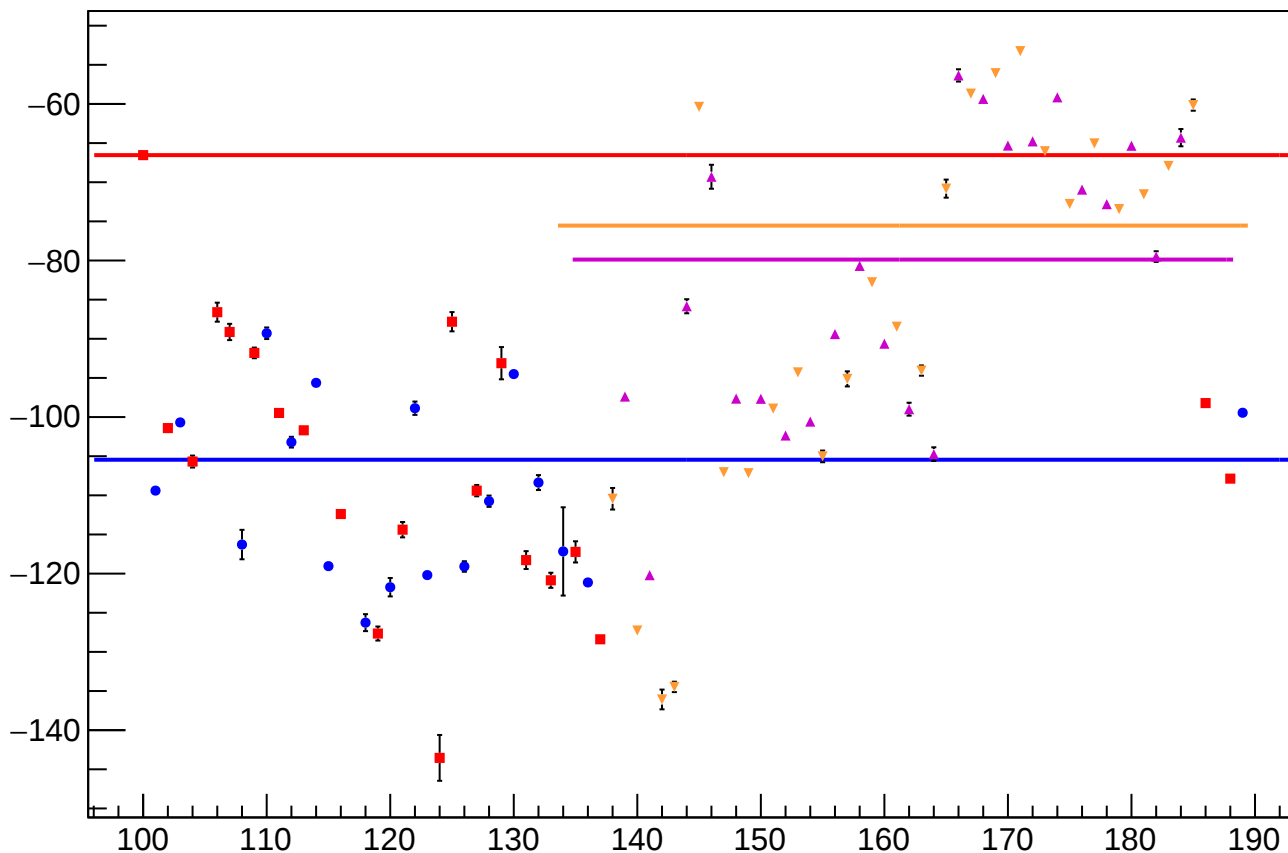
Left In: -12.982 ± 0.099 $\chi^2/\text{NDF}: 7714.4/22$

+ sign -12.264 ± 0.000 $\chi^2/\text{NDF}: 9228.6/42$

All: -12.264 ± 0.000 $\chi^2/\text{NDF}: 19599.6/86$

- sign -12.418 ± 0.072 $\chi^2/\text{NDF}: 10366.4/43$

dit_sam3_4eX_slope vs Slug



Right In: -105.451 ± 0.104 χ^2/NDF : 6593.9/17

Left Out: -75.538 ± 0.085 χ^2/NDF : 52728.0/24

Right Out: -66.536 ± 0.000 χ^2/NDF : 809854.1/20

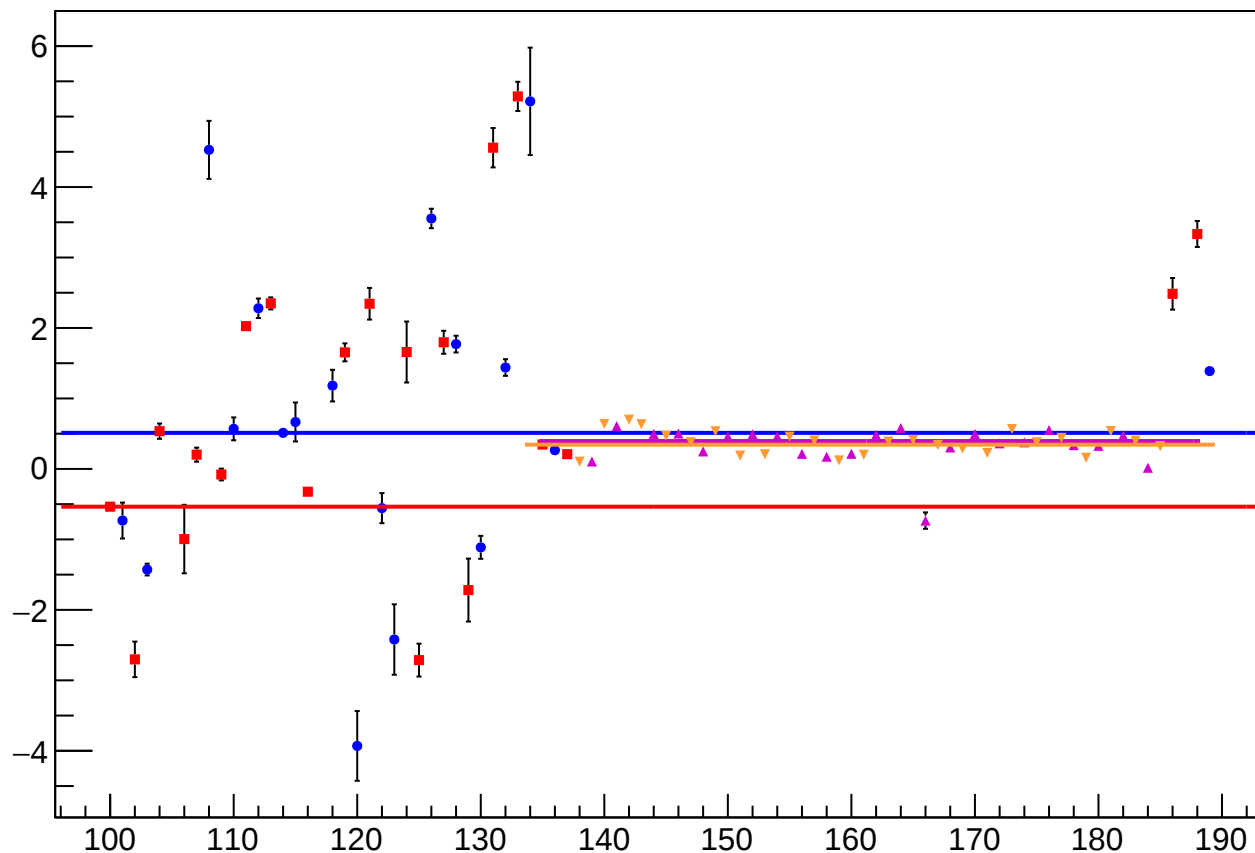
Left In: -79.882 ± 0.086 χ^2/NDF : 44553.2/22

+ sign -87.605 ± 0.066 χ^2/NDF : 108842.7/42

All: -66.536 ± 0.000 χ^2/NDF : 1089585.9/86

- sign -66.536 ± 0.000 χ^2/NDF : 878673.3/43

dit_sam3_11X12X_slope vs Slug



Right In: 0.512 ± 0.000 χ^2/NDF : 4036.1/17

Left Out: 0.344 ± 0.002 χ^2/NDF : 10242.3/24

Right Out: -0.536 ± 0.000 χ^2/NDF : 33677.4/20

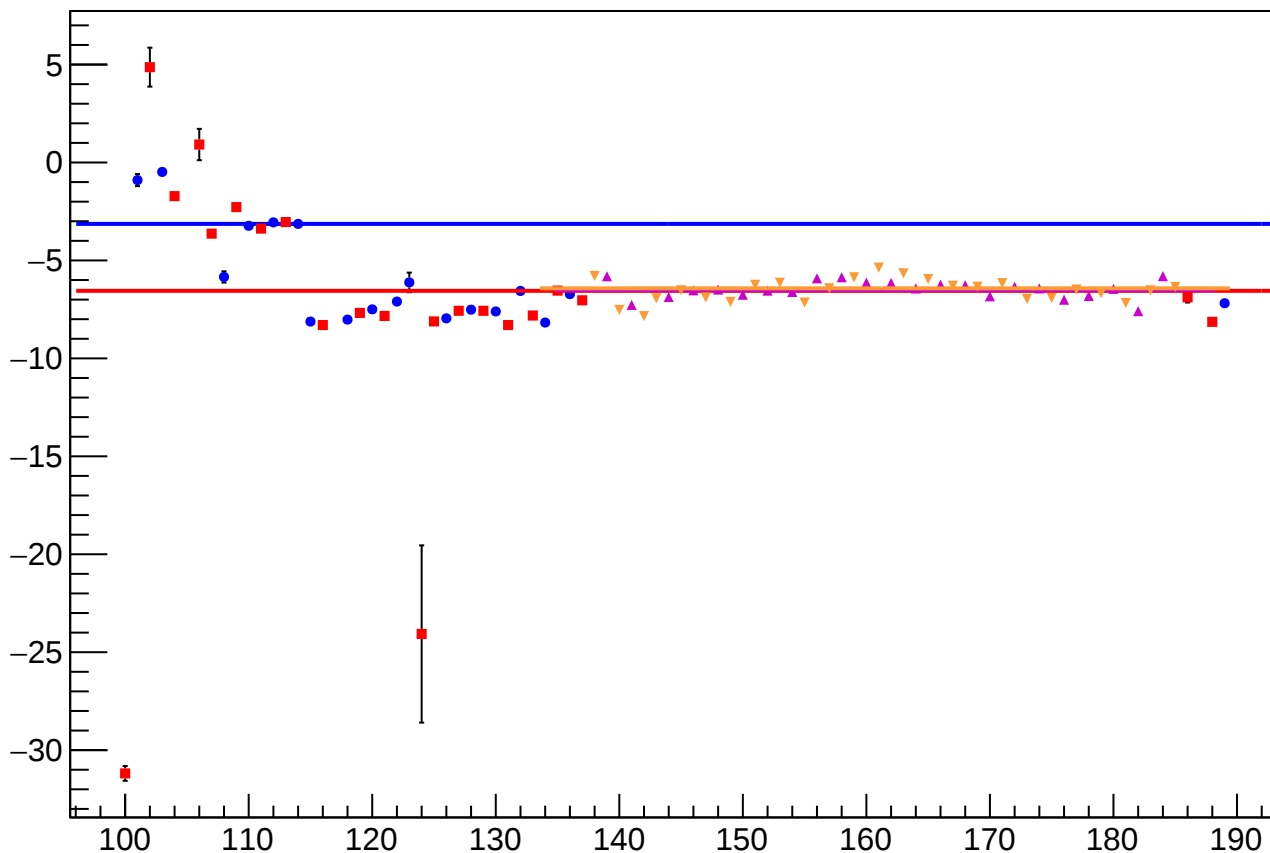
Left In: 0.396 ± 0.001 χ^2/NDF : 10440.9/22

+ sign 0.512 ± 0.000 χ^2/NDF : 24623.3/42

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 χ^2/NDF : 368934.8/17

Left Out: -6.425 ± 0.005 χ^2/NDF : 7292.7/24

Right Out: -6.552 ± 0.008 χ^2/NDF : 92265.8/20

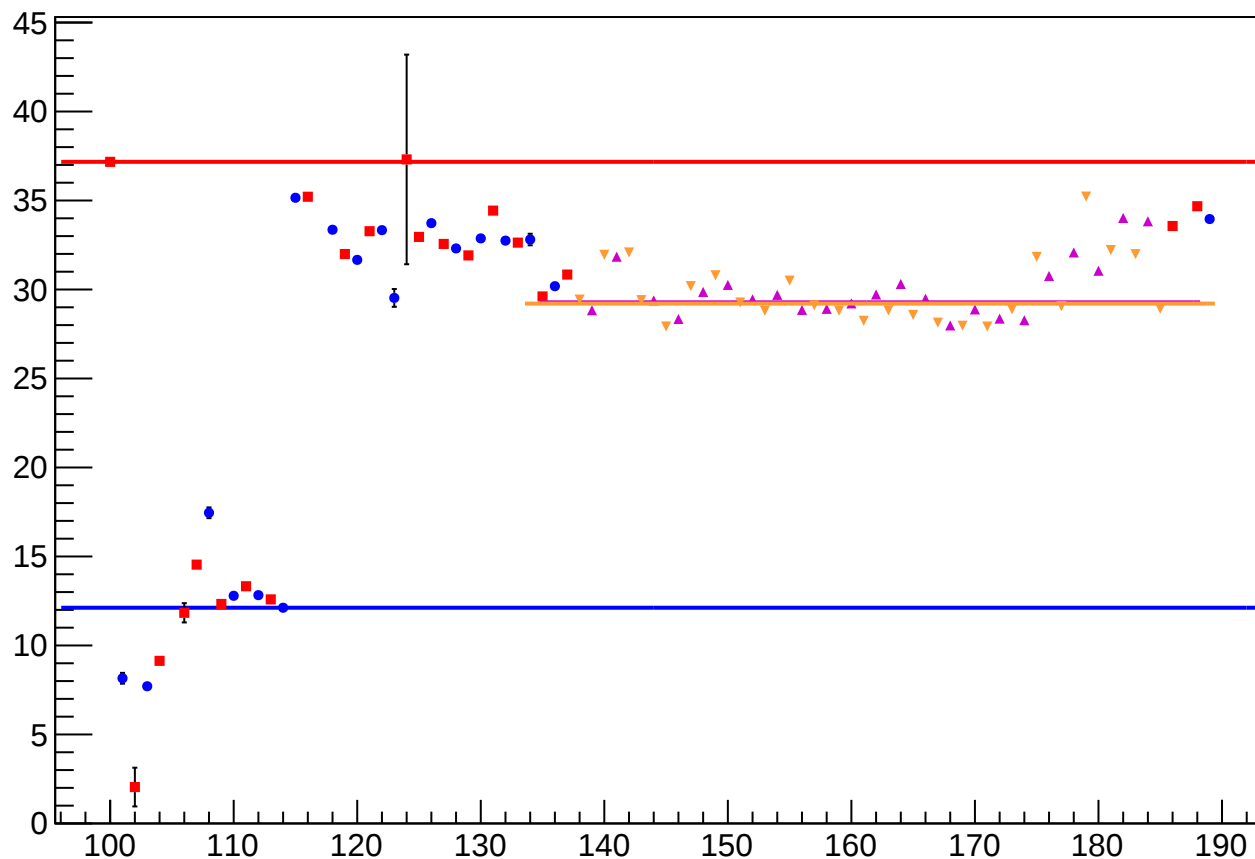
Left In: -6.517 ± 0.005 χ^2/NDF : 7083.8/22

+ sign -3.134 ± 0.000 χ^2/NDF : 836590.2/42

All: -3.134 ± 0.000 χ^2/NDF : 1681318.5/86

- sign -6.527 ± 0.004 χ^2/NDF : 99365.1/43

dit_sam3_4eY_slope vs Slug



Right In: 12.121+/-0.000 χ^2/NDF : 2006029.1/17

Left Out: 29.209+/-0.008 χ^2/NDF : 40106.9/24

Right Out: 37.173+/-0.000 χ^2/NDF : 1531658.4/20

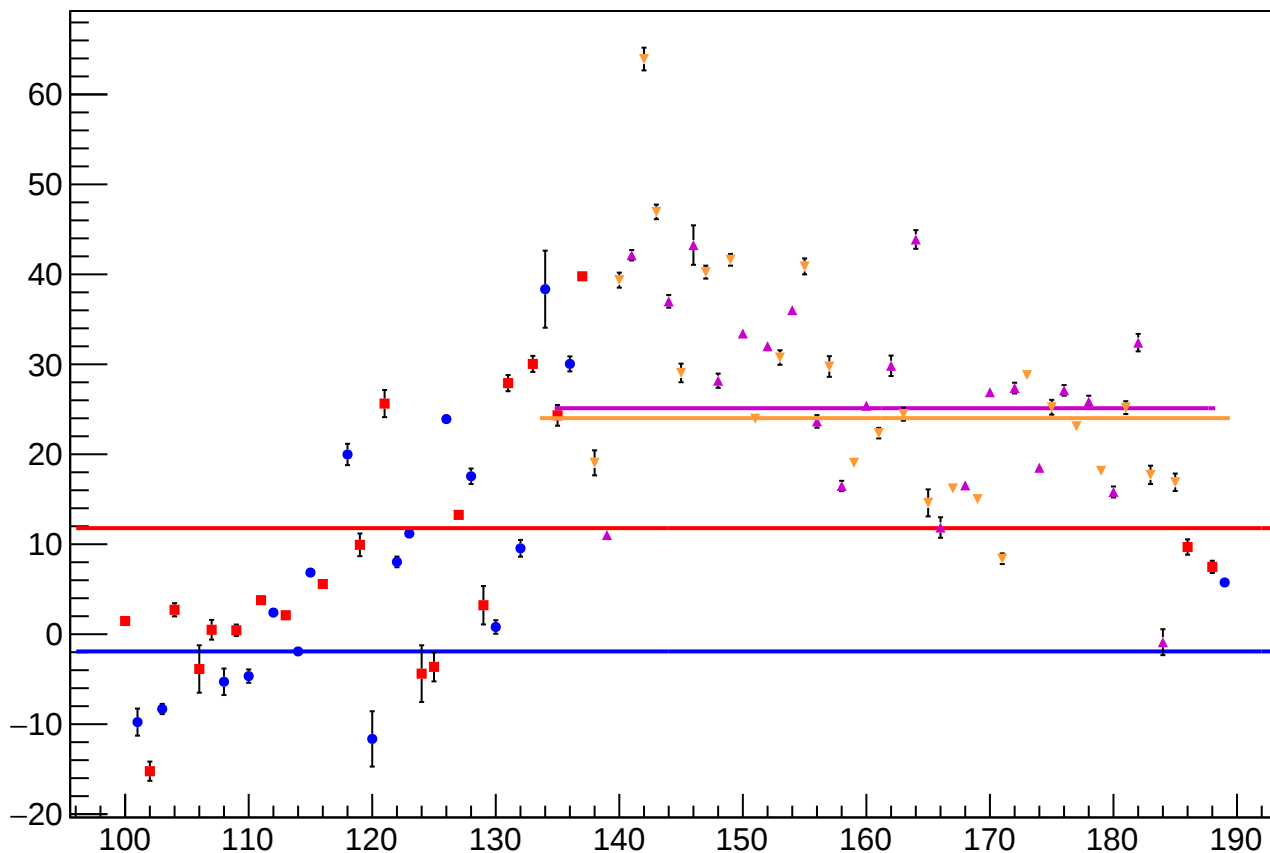
Left In: 29.281+/-0.008 χ^2/NDF : 12436.8/22

+ sign 12.121+/-0.000 χ^2/NDF : 6230804.1/42

All: 15.127+/-0.000 χ^2/NDF : 656355411606

- sign 37.173+/-0.000 χ^2/NDF : 2424451.9/43

dit_sam4_4aX_slope vs Slug



Right In: -1.915 ± 0.000 χ^2/NDF : 8481.7/17

Left Out: 24.016 ± 0.127 χ^2/NDF : 6048.5/24

Right Out: 11.790 ± 0.131 χ^2/NDF : 12625.1/20

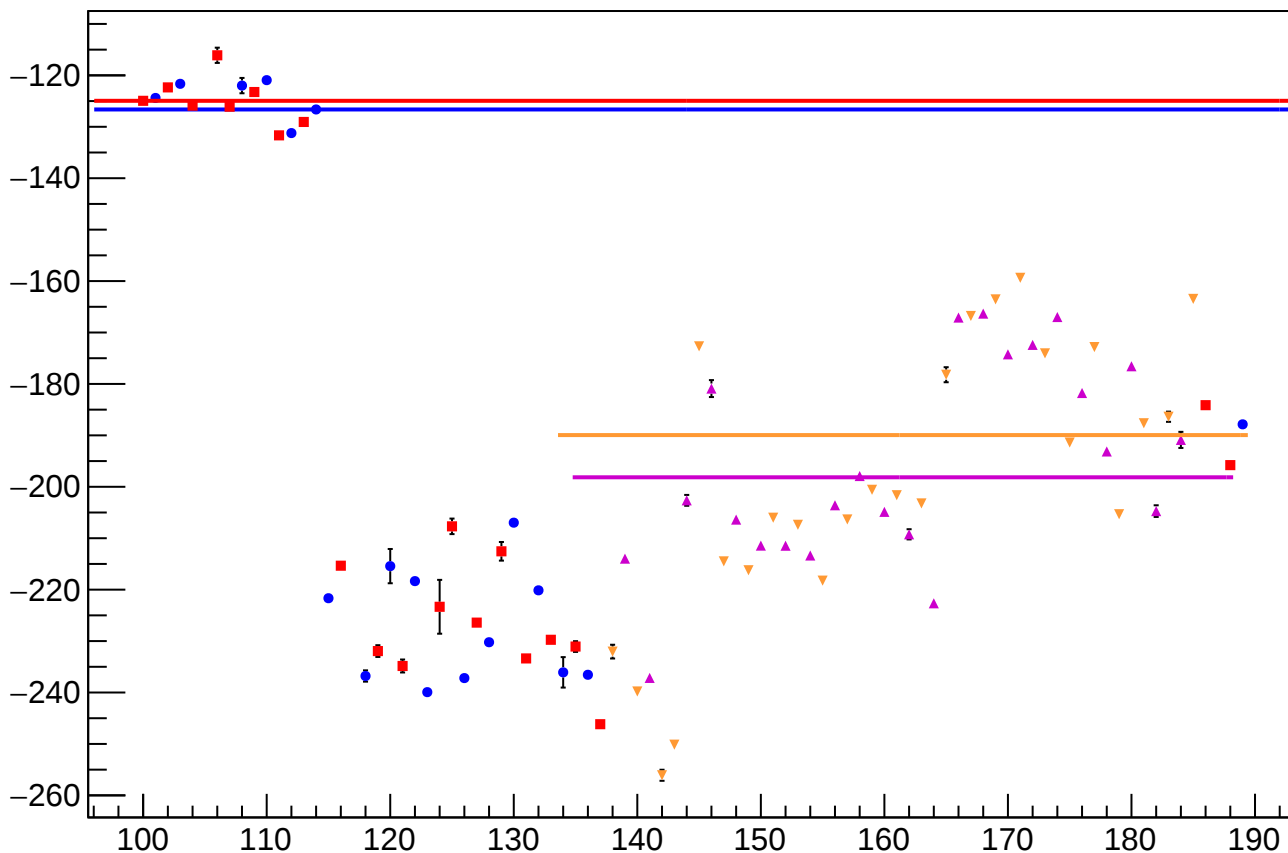
Left In: 25.118 ± 0.113 χ^2/NDF : 6448.8/22

+ sign -1.915 ± 0.000 χ^2/NDF : 56438.3/42

All: -1.915 ± 0.000 χ^2/NDF : 143479.9/86

- 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: 381273.6/17

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

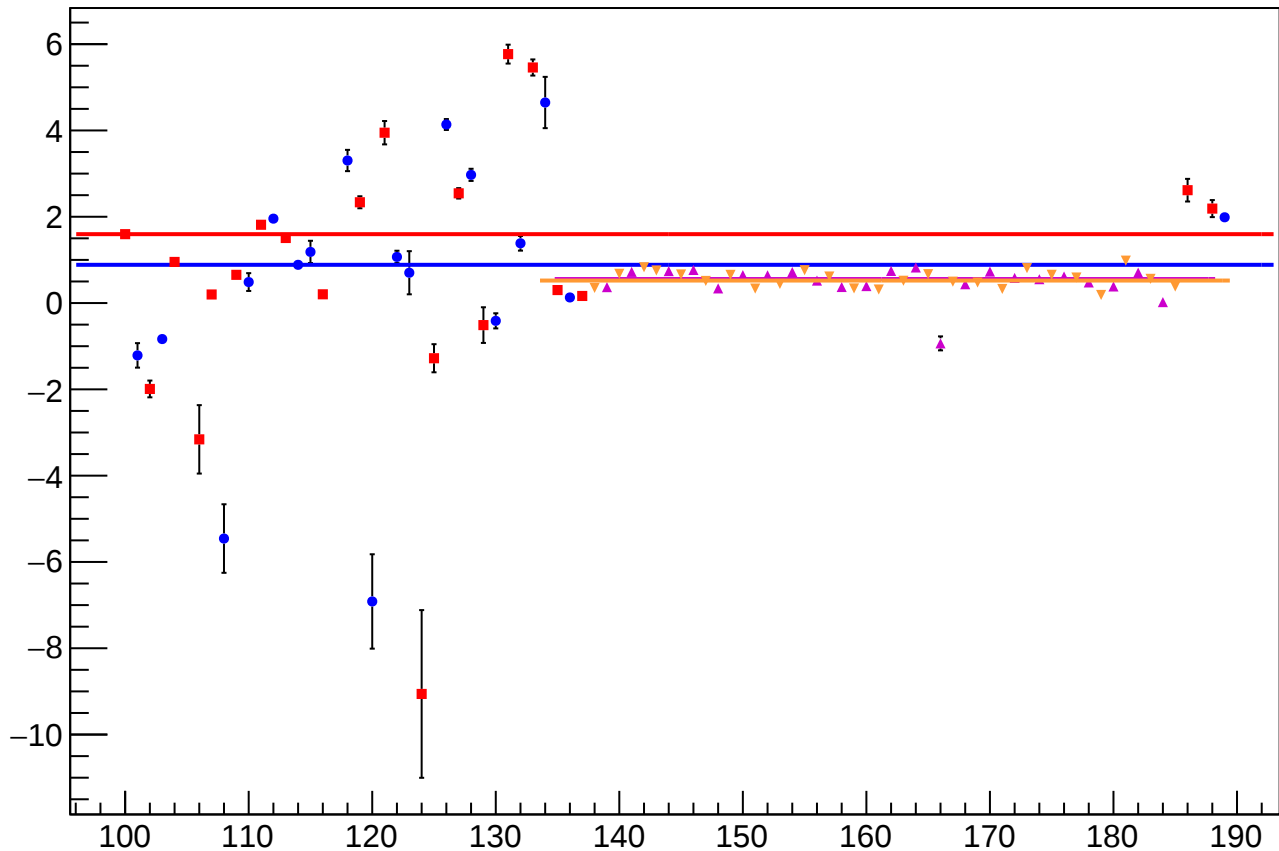
Left In: -198.153 $\pm$ 0.098 χ^2 /NDF: 42045.5/22

+ sign -126.632 $\pm$ 0.000 χ^2 /NDF: 812349.3/42

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 $\pm$ 0.000 χ^2 /NDF: 9384.4/17

Left Out: 0.522 $\pm$ 0.002 χ^2 /NDF: 8701.1/24

Right Out: 1.597 $\pm$ 0.000 χ^2 /NDF: 4639.5/20

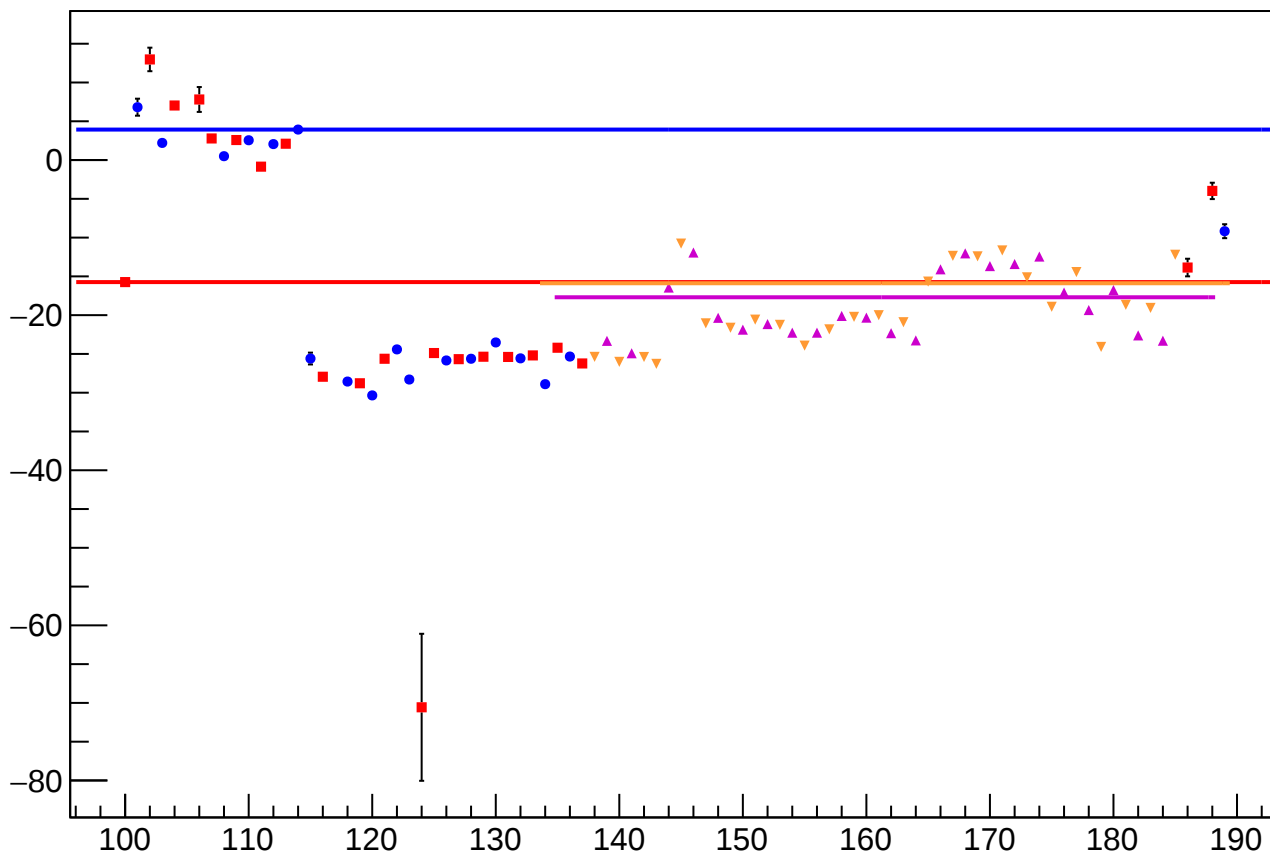
Left In: 0.556 $\pm$ 0.002 χ^2 /NDF: 5988.8/22

+ sign 0.886 $\pm$ 0.000 χ^2 /NDF: 50443.8/42

All: 1.137 $\pm$ 0.000 χ^2 /NDF: 39737604737084

- sign 1.597 $\pm$ 0.000 χ^2 /NDF: 299024.4/43

dit_sam4_4aY_slope vs Slug



Right In: 3.930 ± 0.000 χ^2/NDF : 6141046.8/17

Left Out: -15.887 ± 0.011 χ^2/NDF : 185700.9/24

Right Out: -15.737 ± 0.000 χ^2/NDF : 268078.2/20

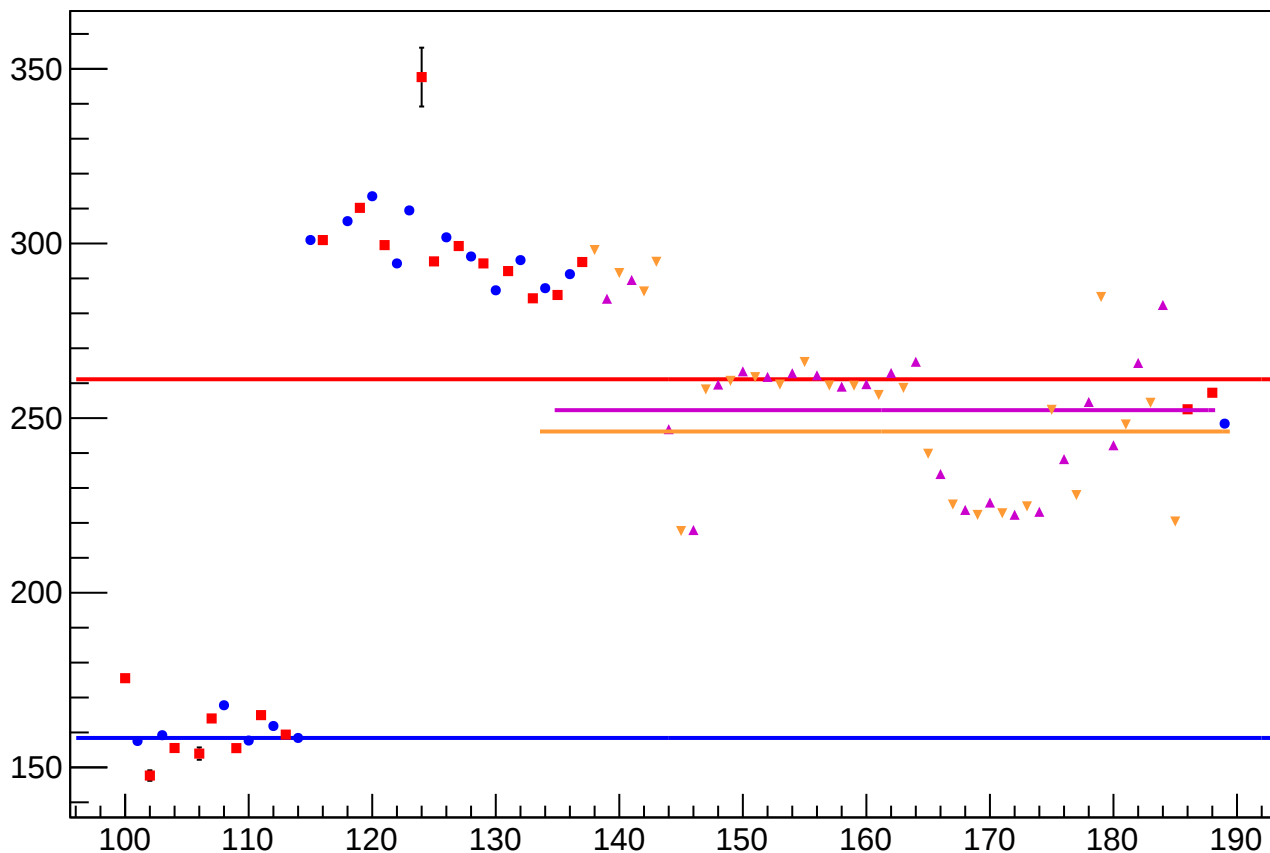
Left In: -17.695 ± 0.012 χ^2/NDF : 121415.4/22

+ sign 3.930 ± 0.000 χ^2/NDF : 9556932.2/42

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+/-0.000 χ^2/NDF : 3535190.9/17

Left Out: 246.173+/-0.028 χ^2/NDF : 710716.0/24

Right Out: 261.123+/-0.058 χ^2/NDF : 1071321.3/20

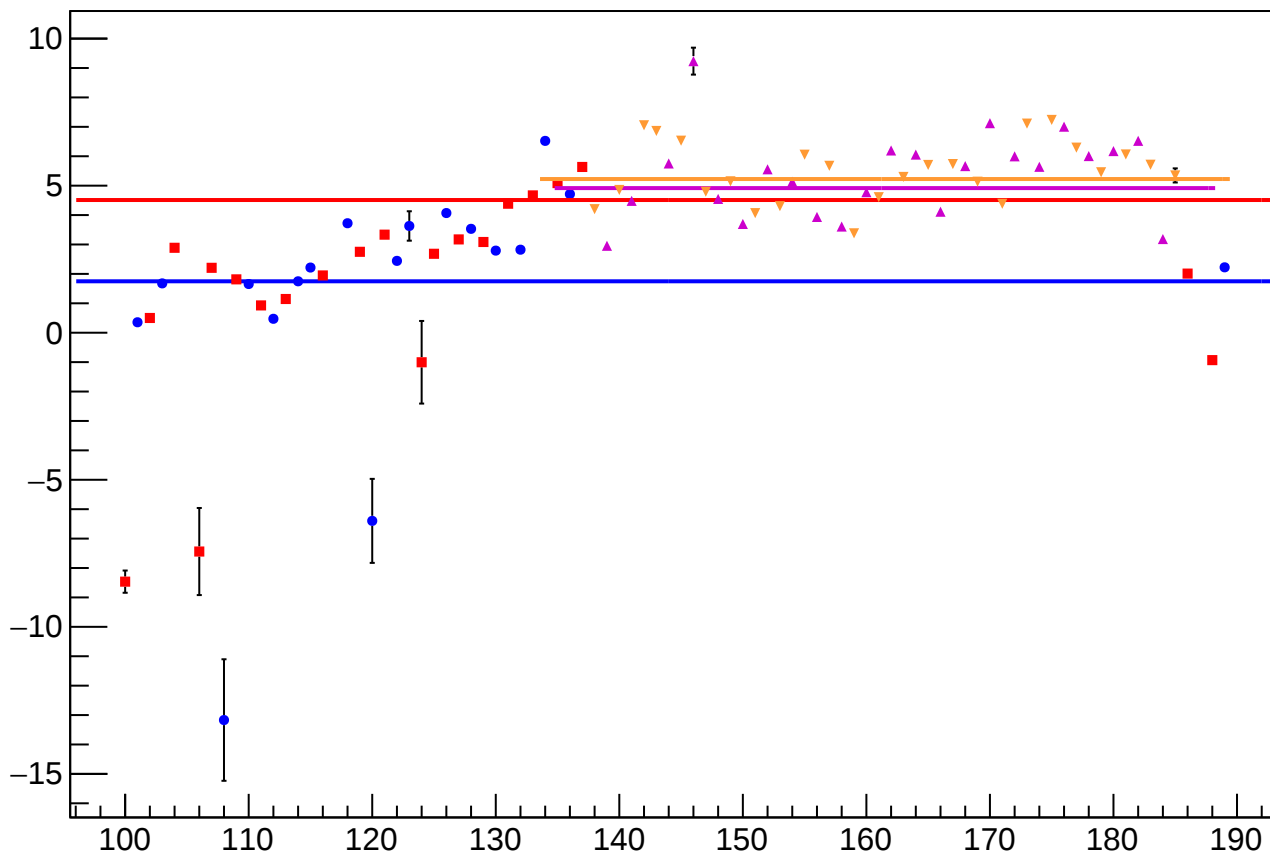
Left In: 252.278+/-0.028 χ^2/NDF : 359829.6/22

+ sign 158.426+/-0.000 χ^2/NDF : 14003605.9/42

All: 158.426+/-0.000 χ^2/NDF : 29437237.3/80

- sign 253.984+/-0.026 χ^2/NDF : 1449803.4/43

dit_sam5_4aX_slope vs Slug



Right In: 1.748 $\pm$ 0.000 χ^2 /NDF: 13553.4/17

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

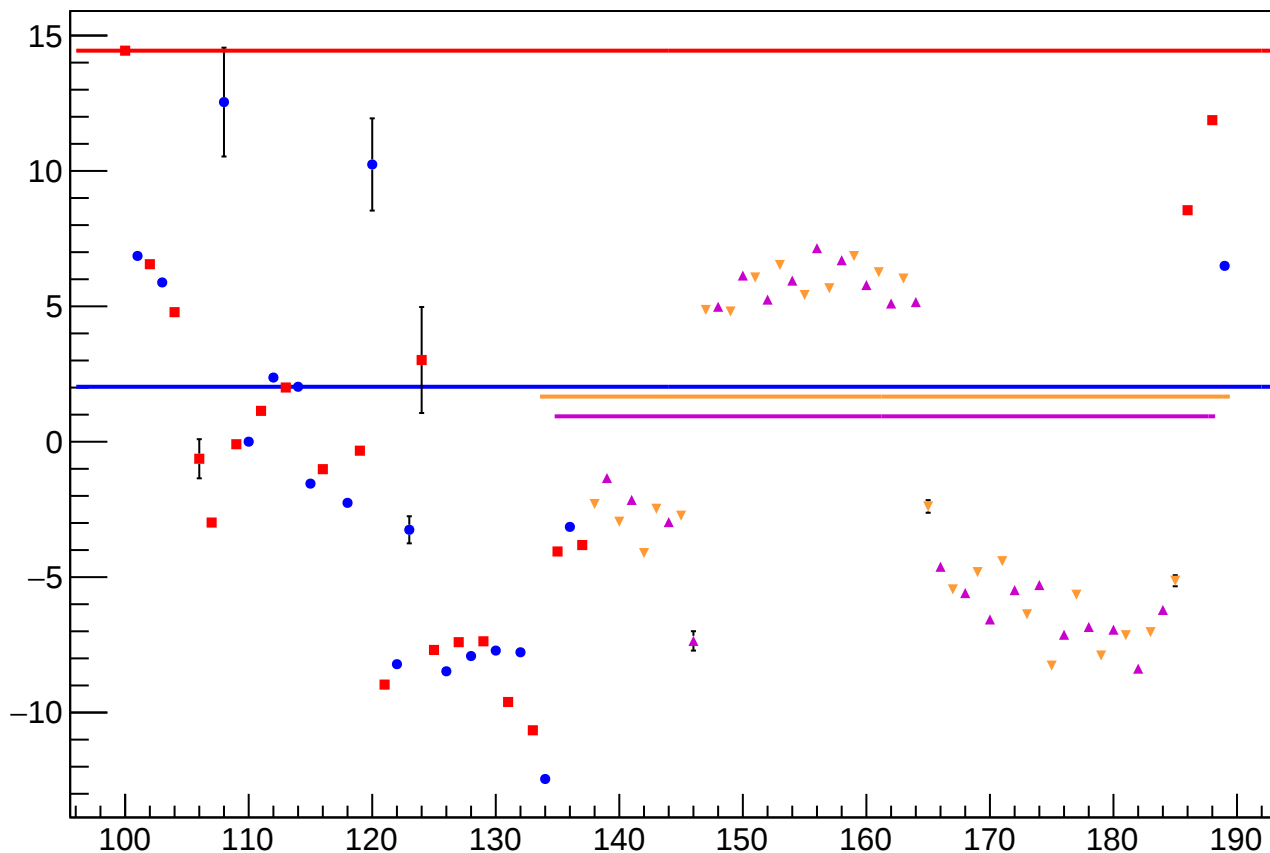
Left In: 4.917 $\pm$ 0.013 χ^2 /NDF:10749.9/22

+ sign 1.748 $\pm$ 0.000 χ^2 /NDF: 82456.6/42

All: 1.748 $\pm$ 0.000 χ^2 /NDF: 436411.9/86

- 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: 204098.4/17

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

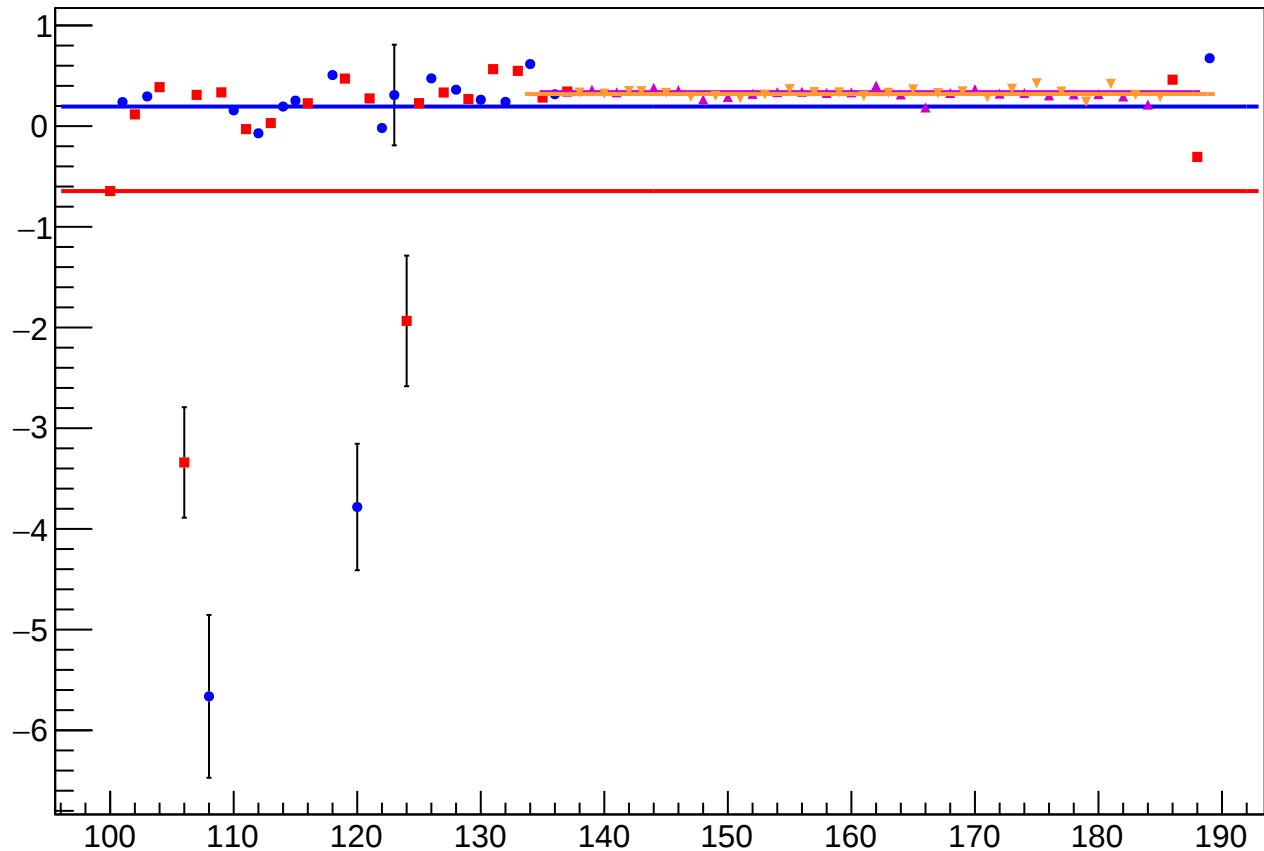
Left In: 0.938 $\pm$ 0.011 χ^2 /NDF: 253480.7/22

+ sign 2.030 $\pm$ 0.000 χ^2 /NDF: 423827.3/42

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 : 10148.5/17

Left Out: 0.319 ± 0.001 χ^2/NDF : 3548.1/24

Right Out: -0.645 ± 0.000 χ^2/NDF : 195334.4/20

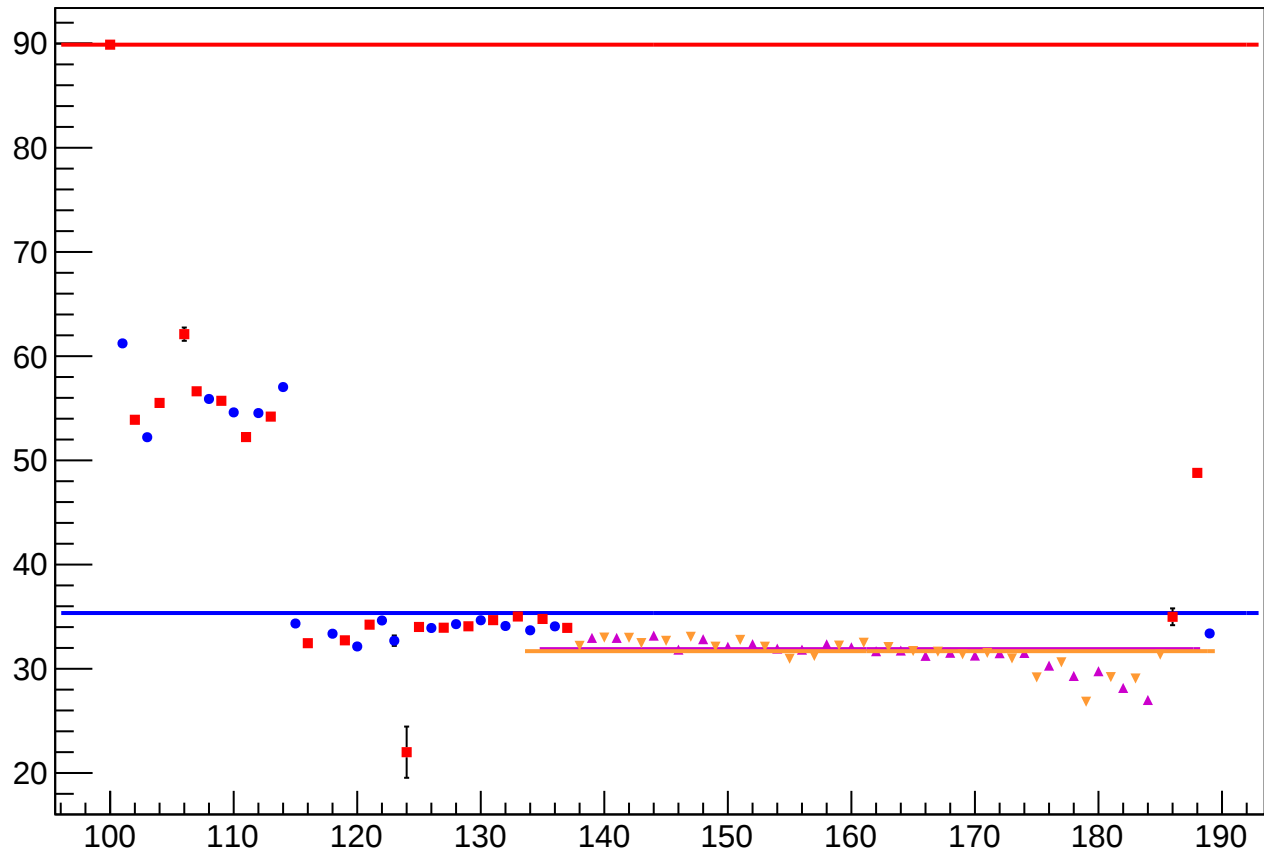
Left In: 0.337 ± 0.001 χ^2/NDF : 4013.5/22

+ sign 0.194 ± 0.000 χ^2/NDF : 74675.5/42

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: 35.351 ± 0.011 $\chi^2/\text{NDF}: 204644.9/17$

Left Out: 31.692 ± 0.003 $\chi^2/\text{NDF}: 68085.3/24$

Right Out: 89.893 ± 0.000 $\chi^2/\text{NDF}: 68699907.8/20$

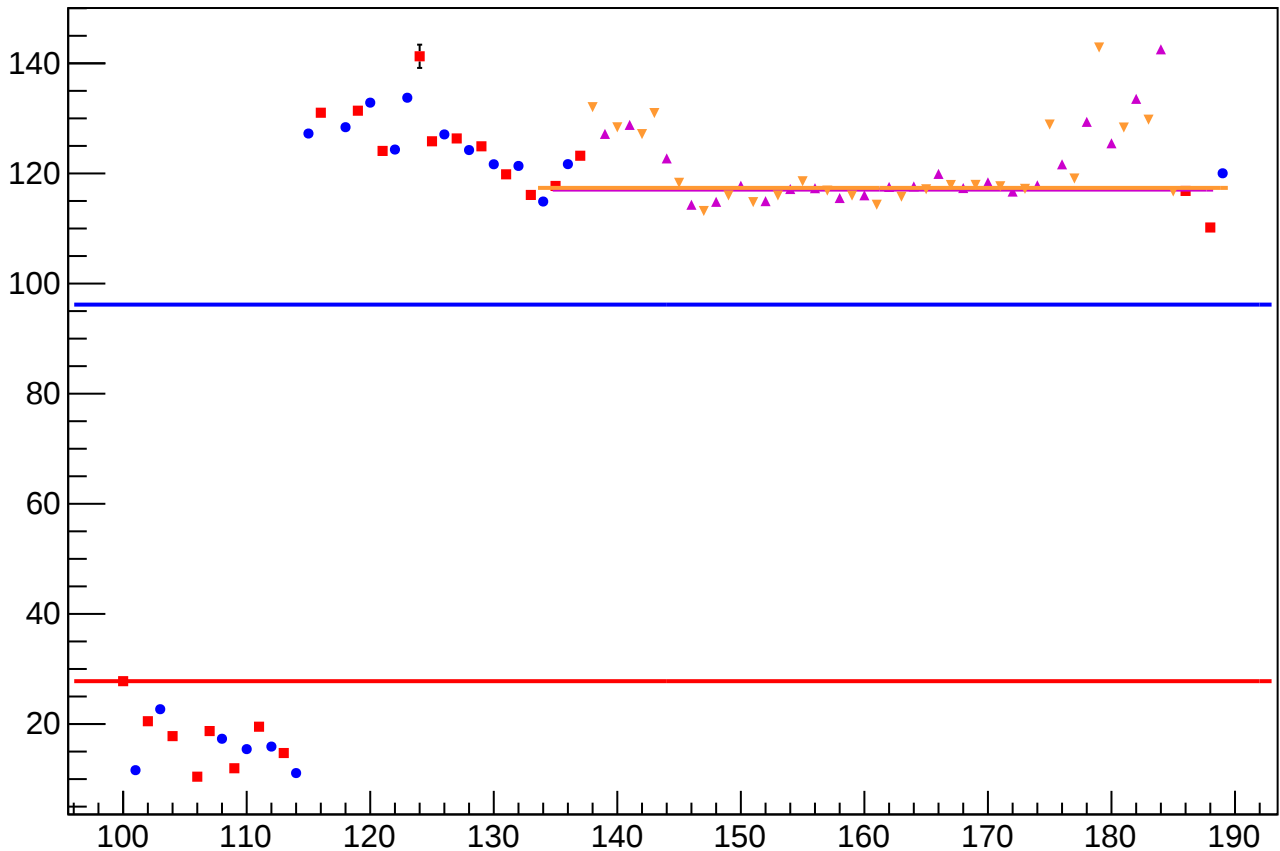
Left In: 31.887 ± 0.004 $\chi^2/\text{NDF}: 33208.8/22$

+ sign 31.955 ± 0.003 $\chi^2/\text{NDF}: 374592.0/42$

All: 89.893 ± 0.000 $\chi^2/\text{NDF}: 707378733.0/86$

- sign 89.893 ± 0.000 $\chi^2/\text{NDF}: 324771276.4/43$

dit_sam5_4eY_slope vs Slug



Right In: 96.178 $\pm$ 0.026 χ^2 /NDF: 3081851.1/17

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

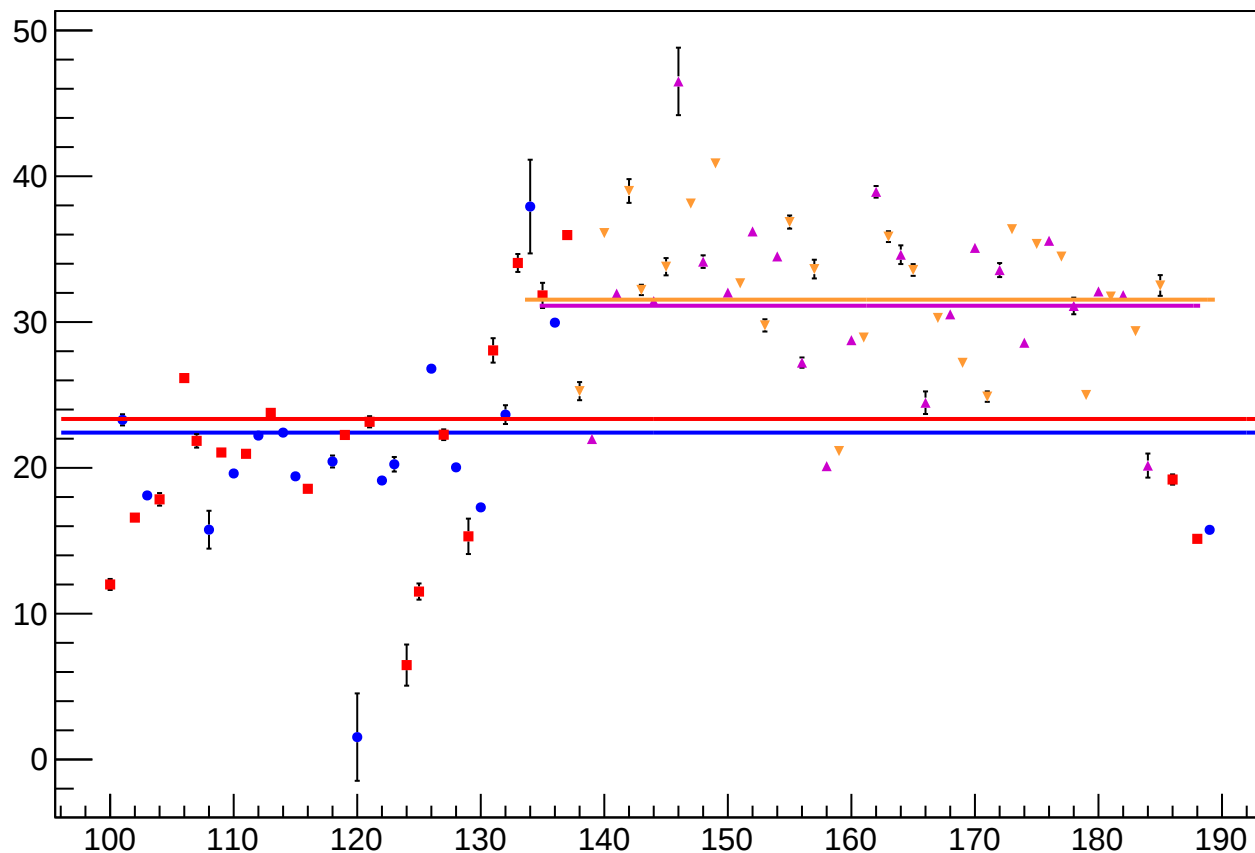
Left In: 117.066 $\pm$ 0.009 χ^2 /NDF: 63800.7/22

+ sign 115.514 $\pm$ 0.008 χ^2 /NDF: 3879933.4/42

All: 27.785 $\pm$ 0.000 χ^2 /NDF: 249945372.5/80

- sign 27.785 $\pm$ 0.000 χ^2 /NDF: 111915893.4/43

dit_sam6_4aX_slope vs Slug



Right In: 22.418 ± 0.000 $\chi^2/\text{NDF}: 4823.6/17$

Left Out: 31.536 ± 0.061 $\chi^2/\text{NDF}: 6088.7/24$

Right Out: 23.353 ± 0.055 $\chi^2/\text{NDF}: 17016.5/20$

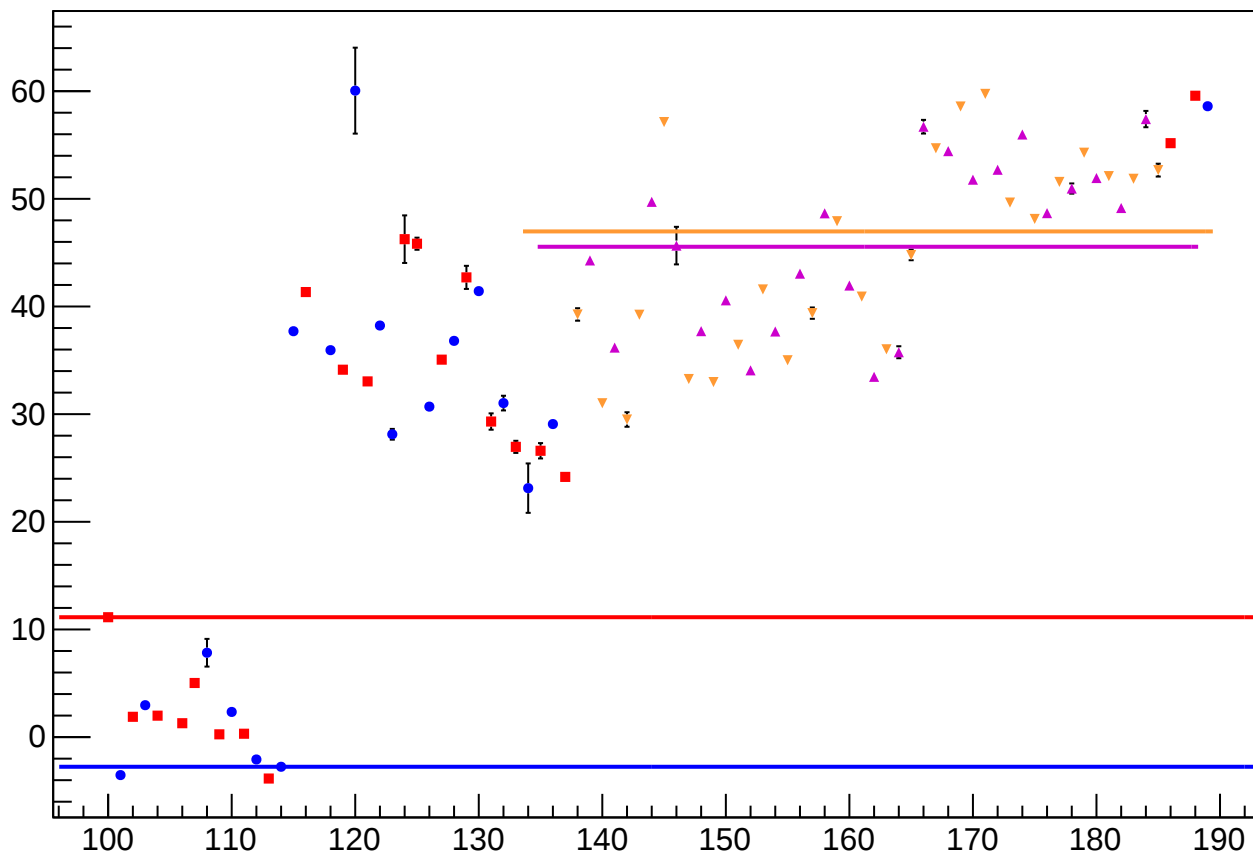
Left In: 31.120 ± 0.058 $\chi^2/\text{NDF}: 6111.4/22$

+ sign 22.418 ± 0.000 $\chi^2/\text{NDF}: 33078.3/42$

All: 22.418 ± 0.000 $\chi^2/\text{NDF}: 79364.2/86$

- sign 27.078 ± 0.040 $\chi^2/\text{NDF}: 32609.5/43$

dit_sam6_4eX_slope vs Slug



Right In: -2.754 ± 0.000 χ^2/NDF : 211999.9/17

Left Out: 46.973 ± 0.051 χ^2/NDF : 27004.5/24

Right Out: 11.137 ± 0.000 χ^2/NDF : 2699412.7/20

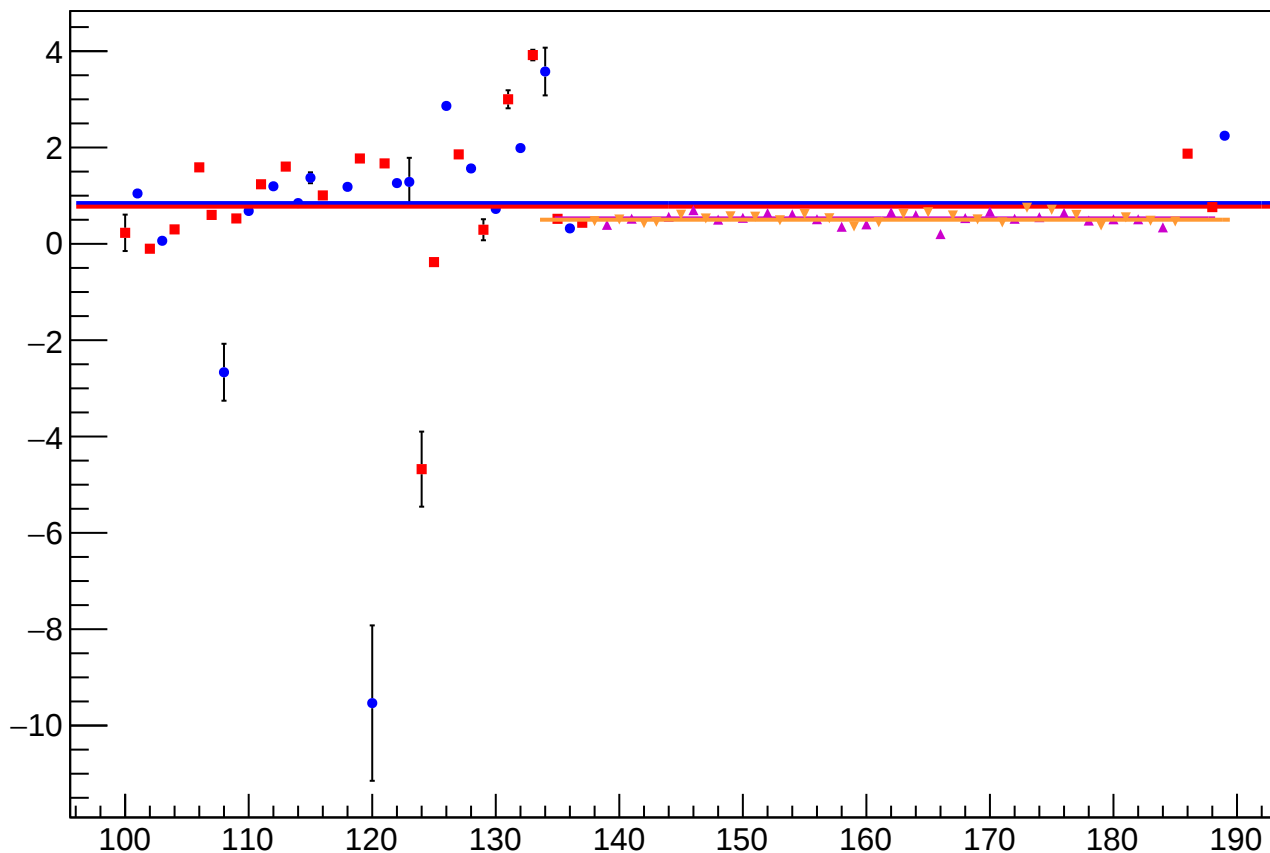
Left In: 45.548 ± 0.049 χ^2/NDF : 19148.5/22

+ sign -2.754 ± 0.000 χ^2/NDF : 1195401.6/42

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 : 16631.5/17

Left Out: 0.501 ± 0.001 χ^2/NDF : 15097.1/24

Right Out: 0.772 ± 0.007 χ^2/NDF : 4356.3/20

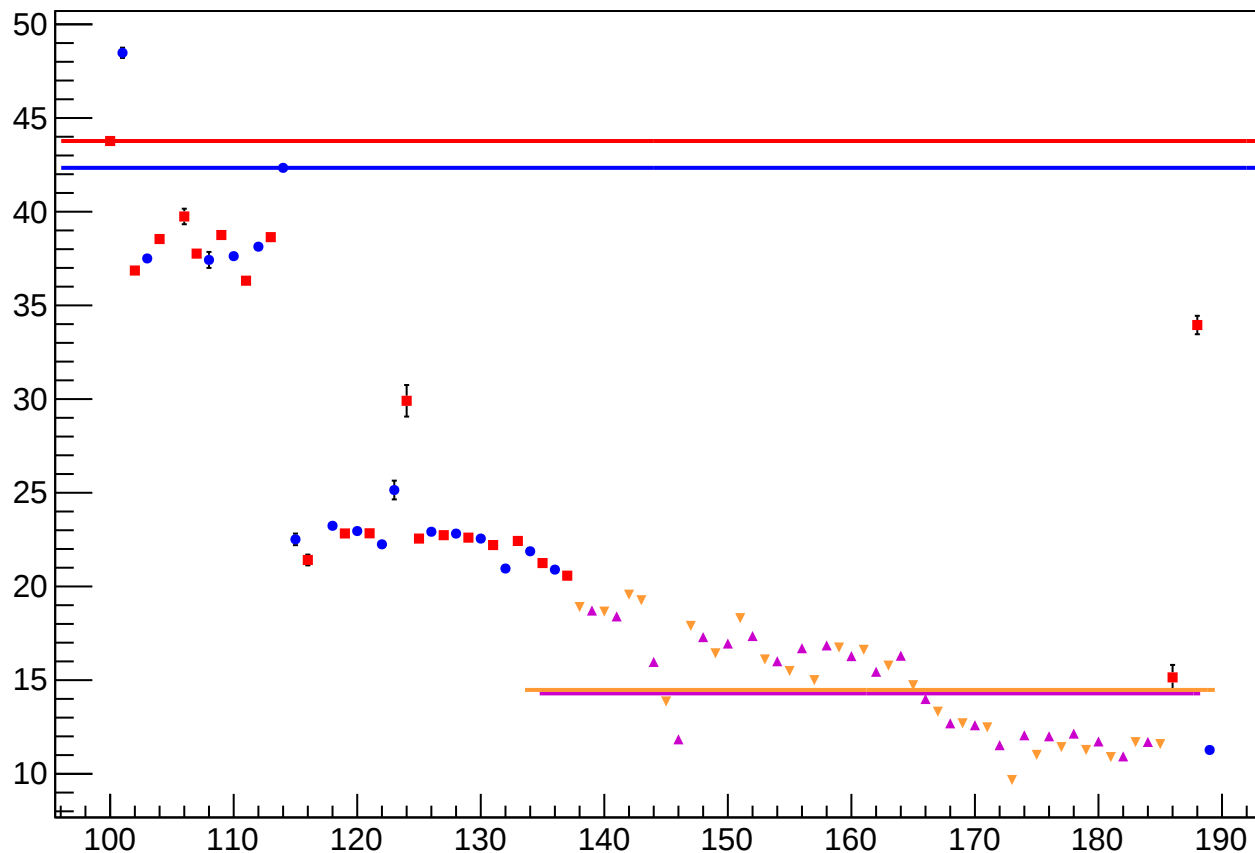
Left In: 0.528 ± 0.001 χ^2/NDF : 12771.0/22

+ sign 0.846 ± 0.000 χ^2/NDF : 167678.3/42

All: 0.846 ± 0.000 χ^2/NDF : 340851.3/86

- 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 : 4098407.4/17

Left Out: 14.478+/-0.005 χ^2/NDF : 321212.8/24

Right Out: 43.773+/-0.000 χ^2/NDF : 4582237.8/20

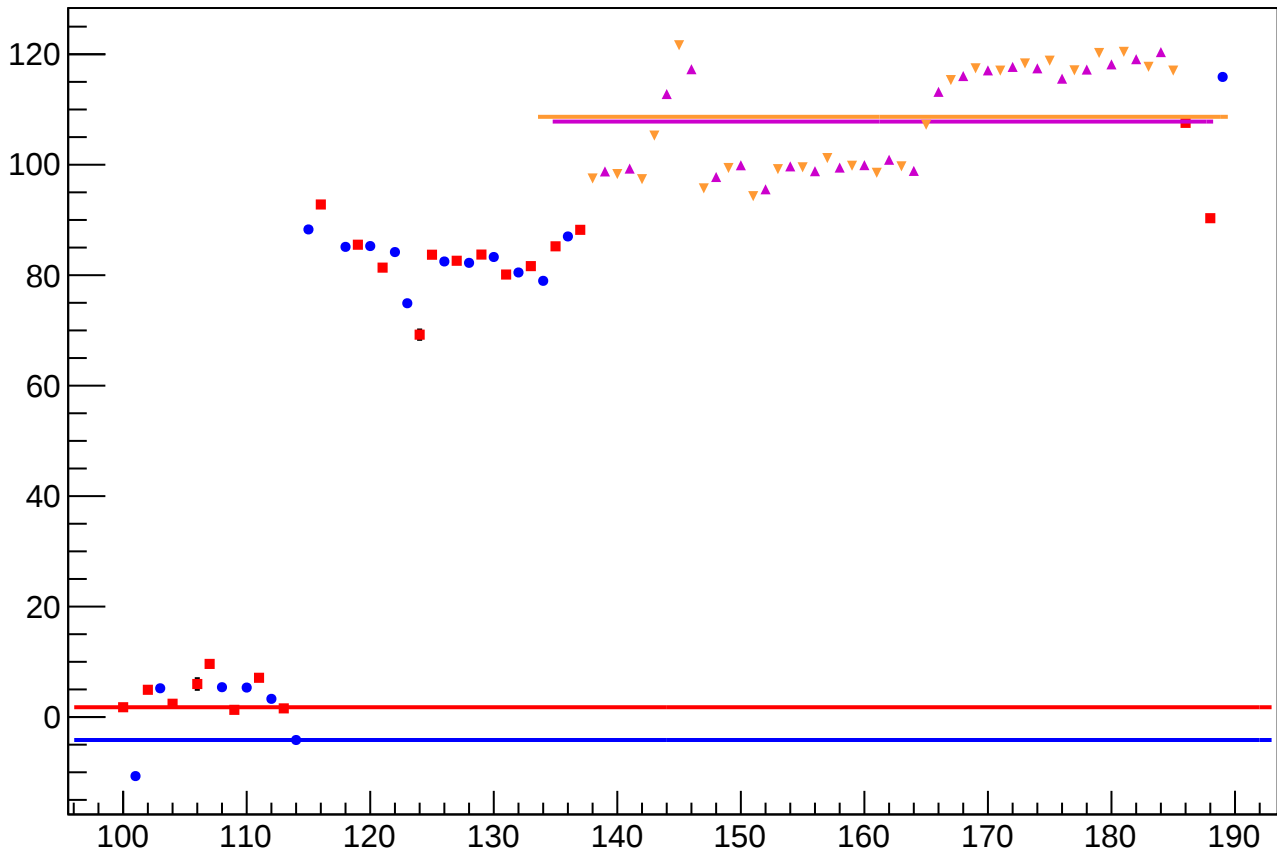
Left In: 14.293+/-0.005 χ^2/NDF : 213936.0/22

+ sign 42.341+/-0.000 χ^2/NDF : 33798381.7/42

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 : 8506962.4/17

Left Out: 108.675+/-0.010 χ^2/NDF :1002972.5/24

Right Out: 1.777+/-0.000 χ^2/NDF : 5454491.9/20

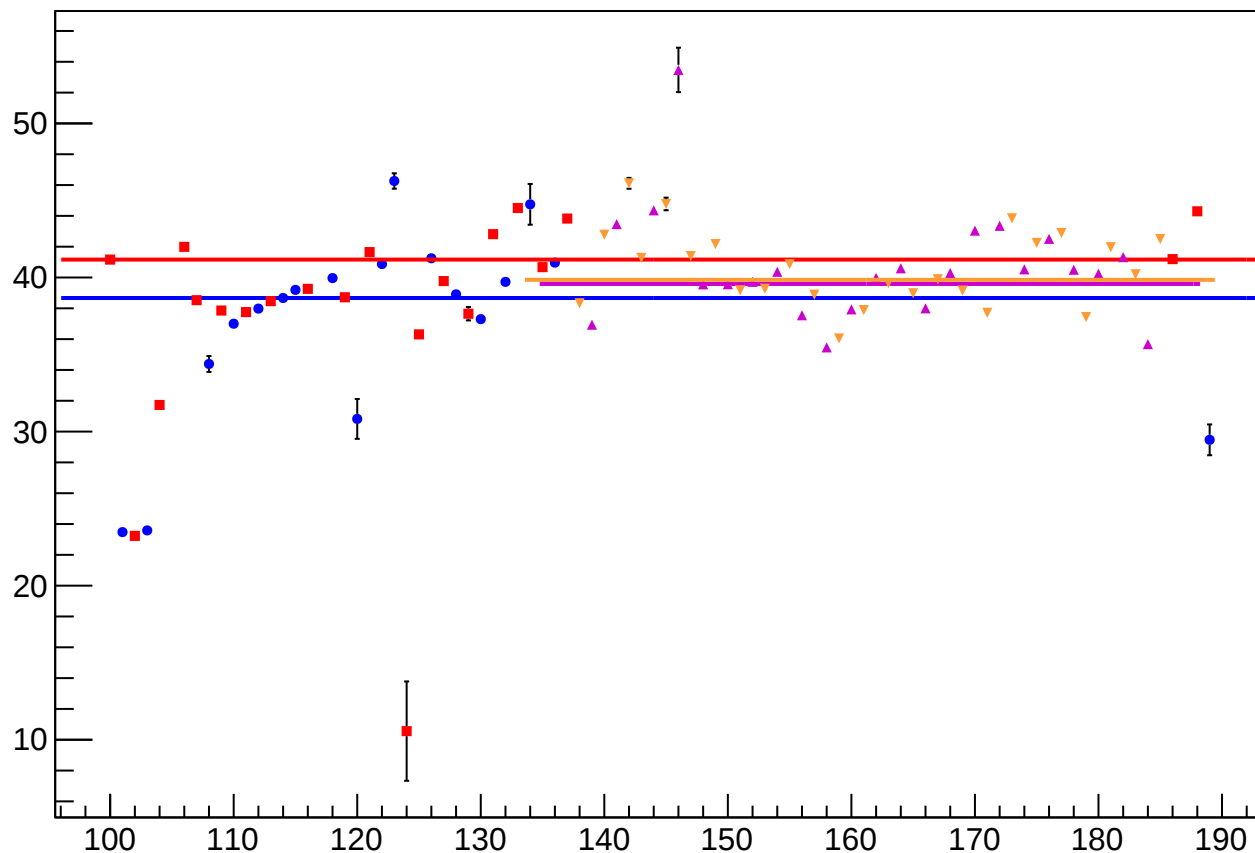
Left In: 107.814+/-0.010 χ^2/NDF :911439.9/22

+ sign -4.155+/-0.000 χ^2/NDF : 146544490.3/42

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: 60068.8/17

Left Out: 39.849+/-0.027 χ^2 /NDF:6986.0/24

Right Out: 41.163+/-0.000 χ^2 /NDF: 38731.6/20

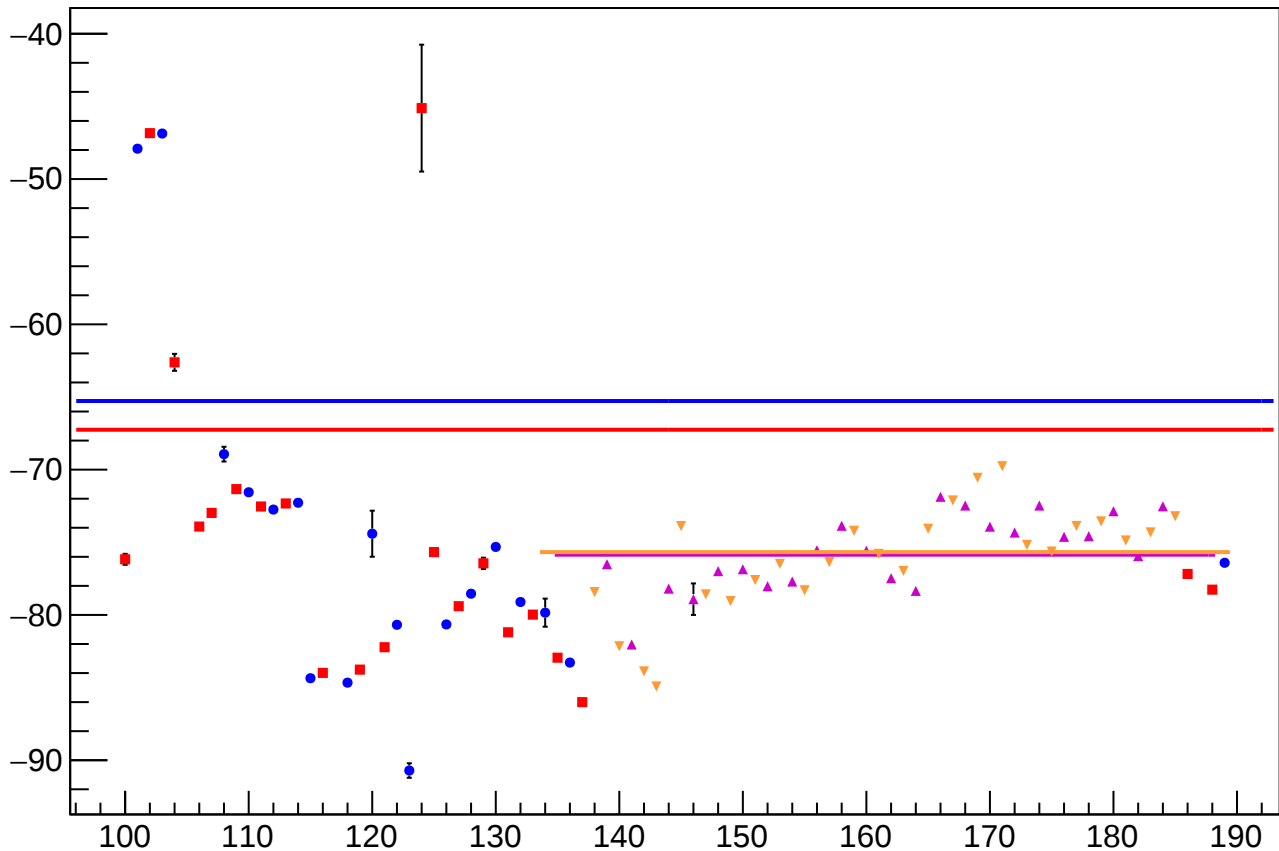
Left In: 39.582+/-0.023 χ^2 /NDF:9138.0/22

+ sign 38.669+/-0.000 χ^2 /NDF: 68938.4/42

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: -65.276 ± 0.019 $\chi^2/\text{NDF}: 786885.0/17$

Left Out: -75.675 ± 0.022 $\chi^2/\text{NDF}: 22415.8/24$

Right Out: -67.253 ± 0.015 $\chi^2/\text{NDF}: 829227.3/20$

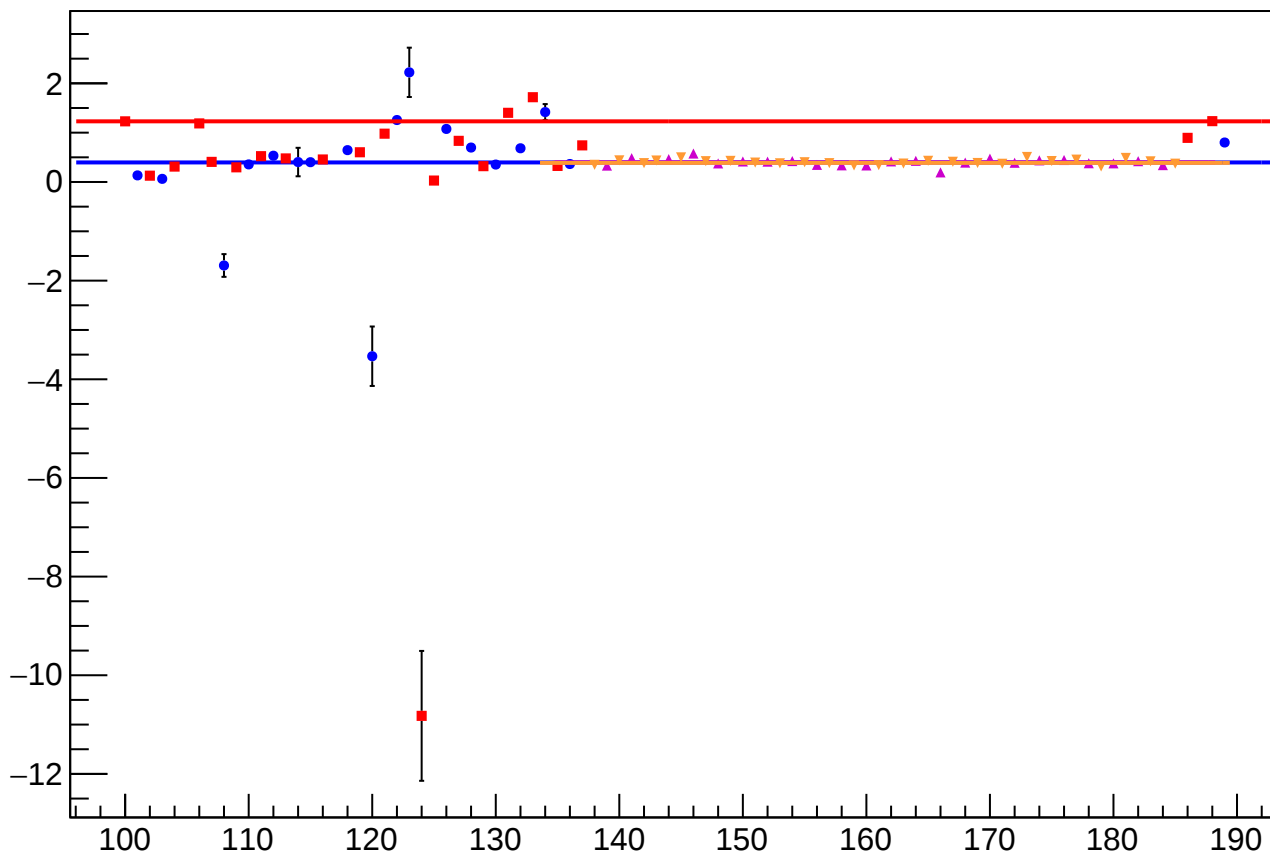
Left In: -75.855 ± 0.019 $\chi^2/\text{NDF}: 12226.9/22$

+ sign -69.648 ± 0.014 $\chi^2/\text{NDF}: 941190.7/42$

All: -70.229 ± 0.009 $\chi^2/\text{NDF}: 1907810.6/86$

- sign -70.649 ± 0.012 $\chi^2/\text{NDF}: 963712.5/43$

dit_sam7_11X12X_slope vs Slug



Right In: 0.396 ± 0.002 χ^2/NDF : 8890.4/17

Left Out: 0.387 ± 0.000 χ^2/NDF : 10552.6/24

Right Out: 1.230 ± 0.000 χ^2/NDF : 48976.7/20

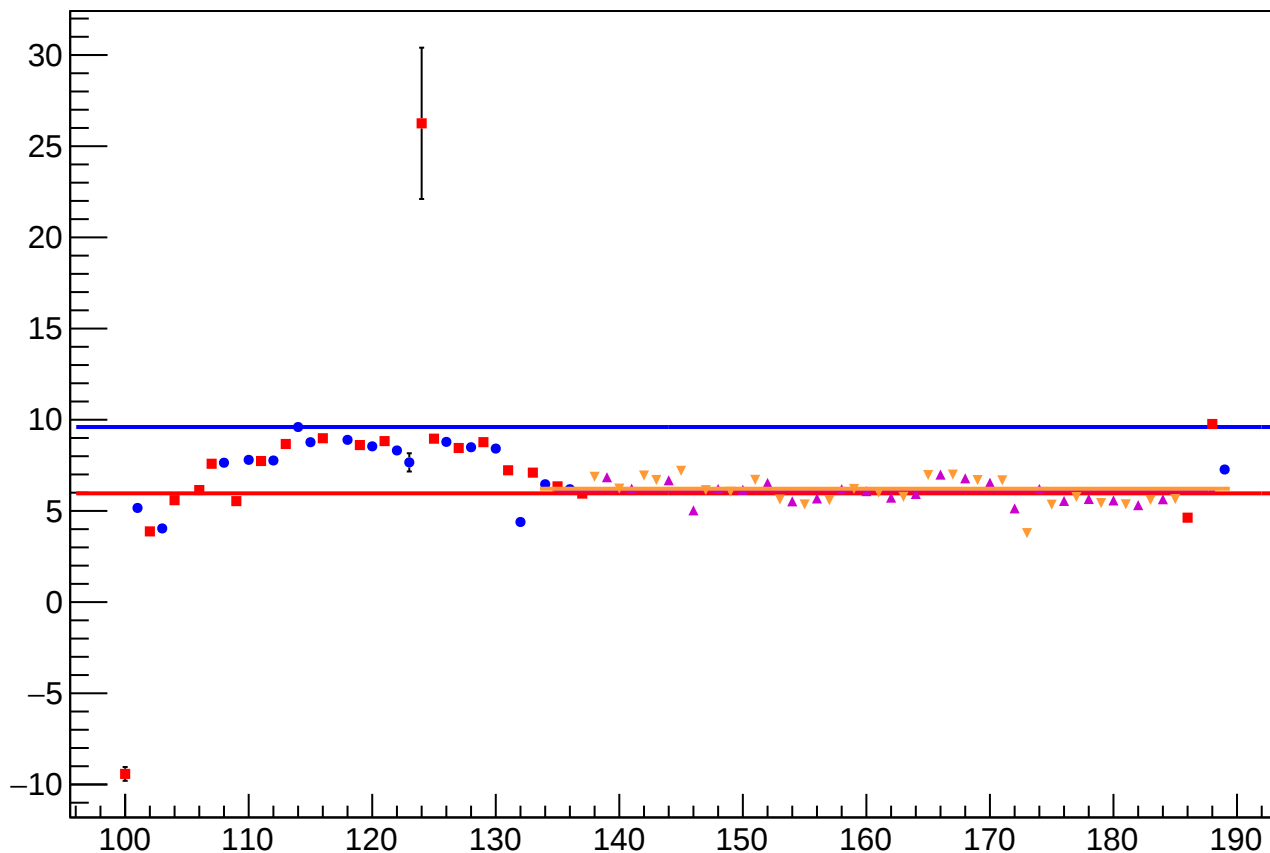
Left In: 0.399 ± 0.000 χ^2/NDF : 8983.2/22

+ sign 0.388 ± 0.000 χ^2/NDF : 19461.1/42

All: 1.230 ± 0.000 χ^2/NDF : 6879397.3/86

- 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: 378857.8/17

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

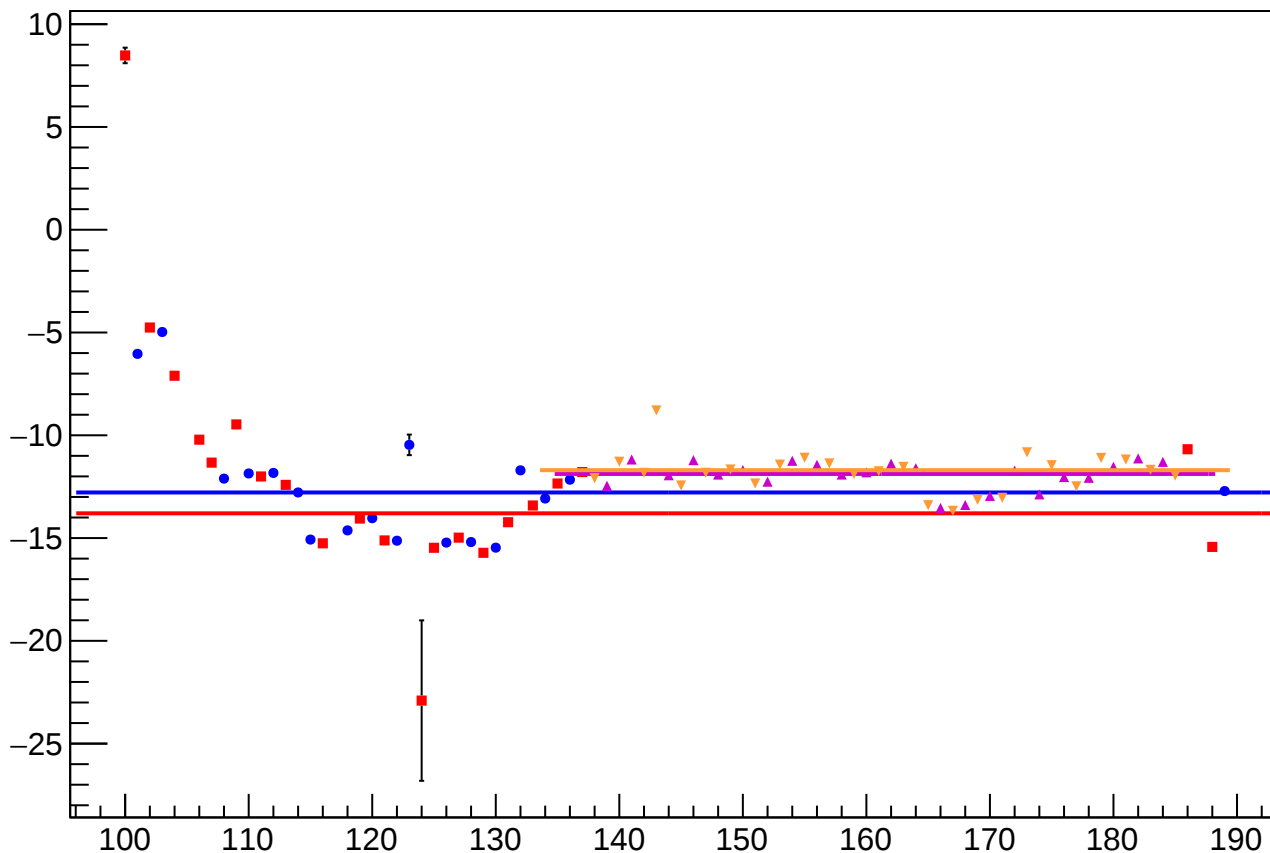
Left In: 6.128 $\pm$ 0.002 χ^2 /NDF: 56126.9/22

+ sign 9.601 $\pm$ 0.000 χ^2 /NDF: 5442006.1/42

All: 9.601 $\pm$ 0.000 χ^2 /NDF: 90690856.2/86

- sign 5.975 $\pm$ 0.000 χ^2 /NDF: 277440.2/43

dit_sam7_4eY_slope vs Slug



Right In: -12.781 ± 0.000 $\chi^2/\text{NDF}: 122854.4/17$

Left Out: -11.698 ± 0.002 $\chi^2/\text{NDF}: 313736.8/24$

Right Out: -13.796 ± 0.005 $\chi^2/\text{NDF}: 80212.9/20$

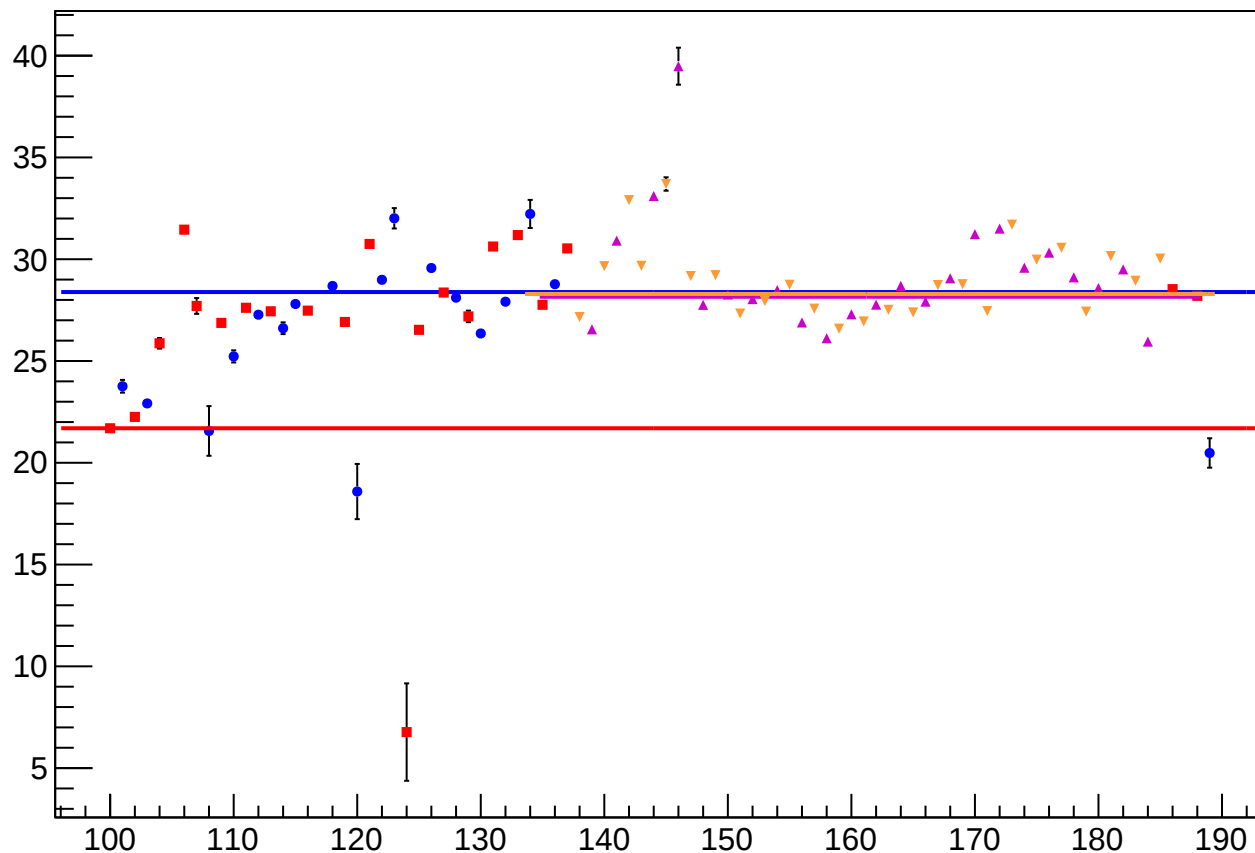
Left In: -11.880 ± 0.002 $\chi^2/\text{NDF}: 66782.1/22$

+ sign -12.781 ± 0.000 $\chi^2/\text{NDF}: 706011.0/42$

All: -12.781 ± 0.000 $\chi^2/\text{NDF}: 1073557.9/86$

- sign -12.137 ± 0.002 $\chi^2/\text{NDF}: 258530.0/43$

dit_sam8_4aX_slope vs Slug



Right In: 28.387 $\pm$ 0.024 χ^2/NDF : 3560.4/17

Left Out: 28.294 $\pm$ 0.018 χ^2/NDF : 6787.0/24

Right Out: 21.696 $\pm$ 0.000 χ^2/NDF : 55165.9/20

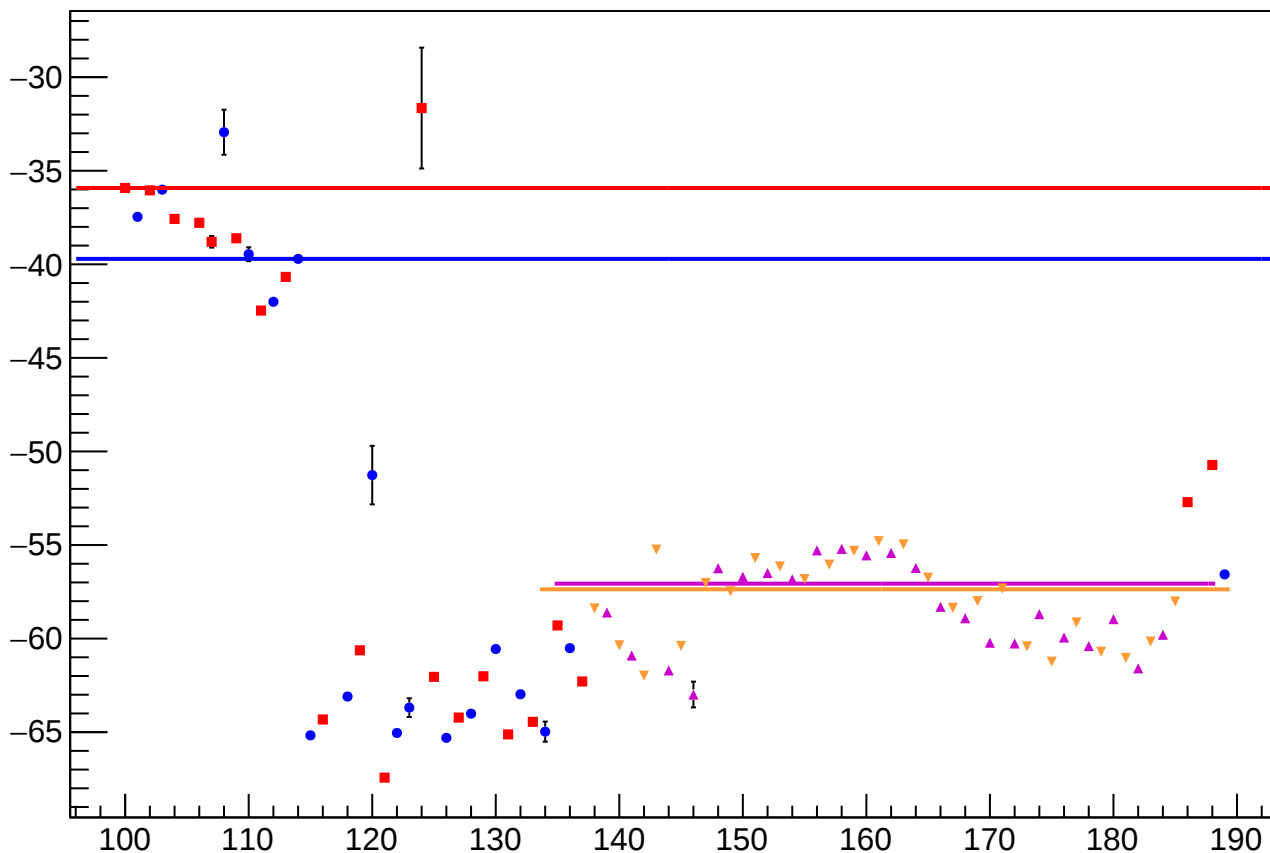
Left In: 28.156 $\pm$ 0.015 χ^2/NDF : 9251.0/22

+ sign 28.326 $\pm$ 0.014 χ^2/NDF : 10357.1/42

All: 21.696 $\pm$ 0.000 χ^2/NDF : 482621.5/86

- sign 21.696 $\pm$ 0.000 χ^2/NDF : 257126.1/43

dit_sam8_4eX_slope vs Slug



Right In: -39.710 $\pm$ 0.000 χ^2 /NDF: 1367528.2/17

Left Out: -57.368 $\pm$ 0.015 χ^2 /NDF: 22796.2/24

Right Out: -35.921 $\pm$ 0.000 χ^2 /NDF: 870545.9/20

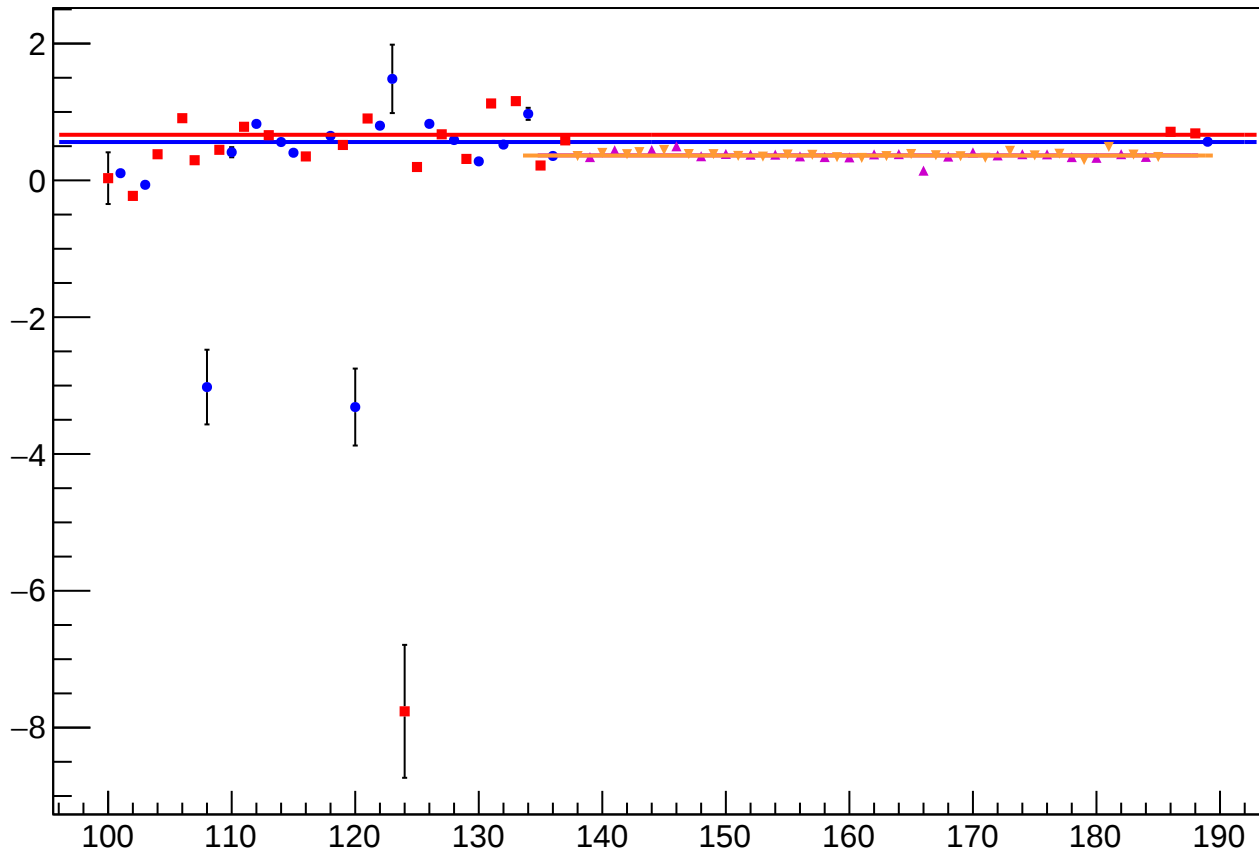
Left In: -57.064 $\pm$ 0.013 χ^2 /NDF: 19679.5/22

+ sign -39.710 $\pm$ 0.000 χ^2 /NDF: 2870481.6/42

All: -38.373 $\pm$ 0.000 χ^2 /NDF: 110369434011

- sign -35.921 $\pm$ 0.000 χ^2 /NDF: 3661132.6/43

dit_sam8_11X12X_slope vs Slug



Right In: 0.561 ± 0.000 χ^2/NDF : 16869.3/17

Left Out: 0.363 ± 0.000 χ^2/NDF : 8024.1/24

Right Out: 0.666 ± 0.004 χ^2/NDF : 3783.6/20

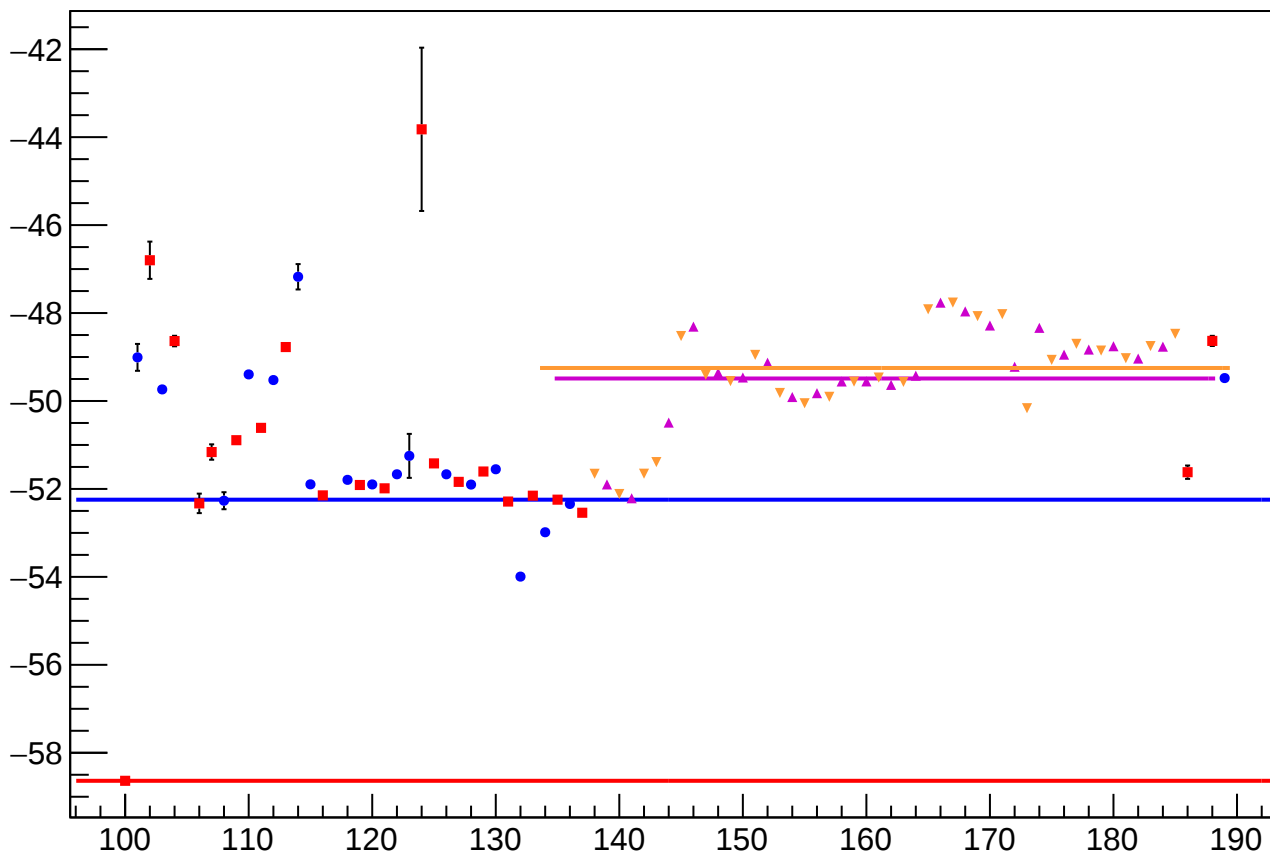
Left In: 0.365 ± 0.000 χ^2/NDF : 6174.1/22

+ sign 0.561 ± 0.000 χ^2/NDF : 364498.8/42

All: 0.561 ± 0.000 χ^2/NDF : 725637.0/86

- sign 0.367 ± 0.000 χ^2/NDF : 14447.8/43

dit_sam8_4aY_slope vs Slug



Right In: -52.245 $\pm$ 0.004 χ^2 /NDF: 26955.5/17

Left Out: -49.249 $\pm$ 0.001 χ^2 /NDF: 493166.2/24

Right Out: -58.637 $\pm$ 0.000 χ^2 /NDF: 31290417.0/20

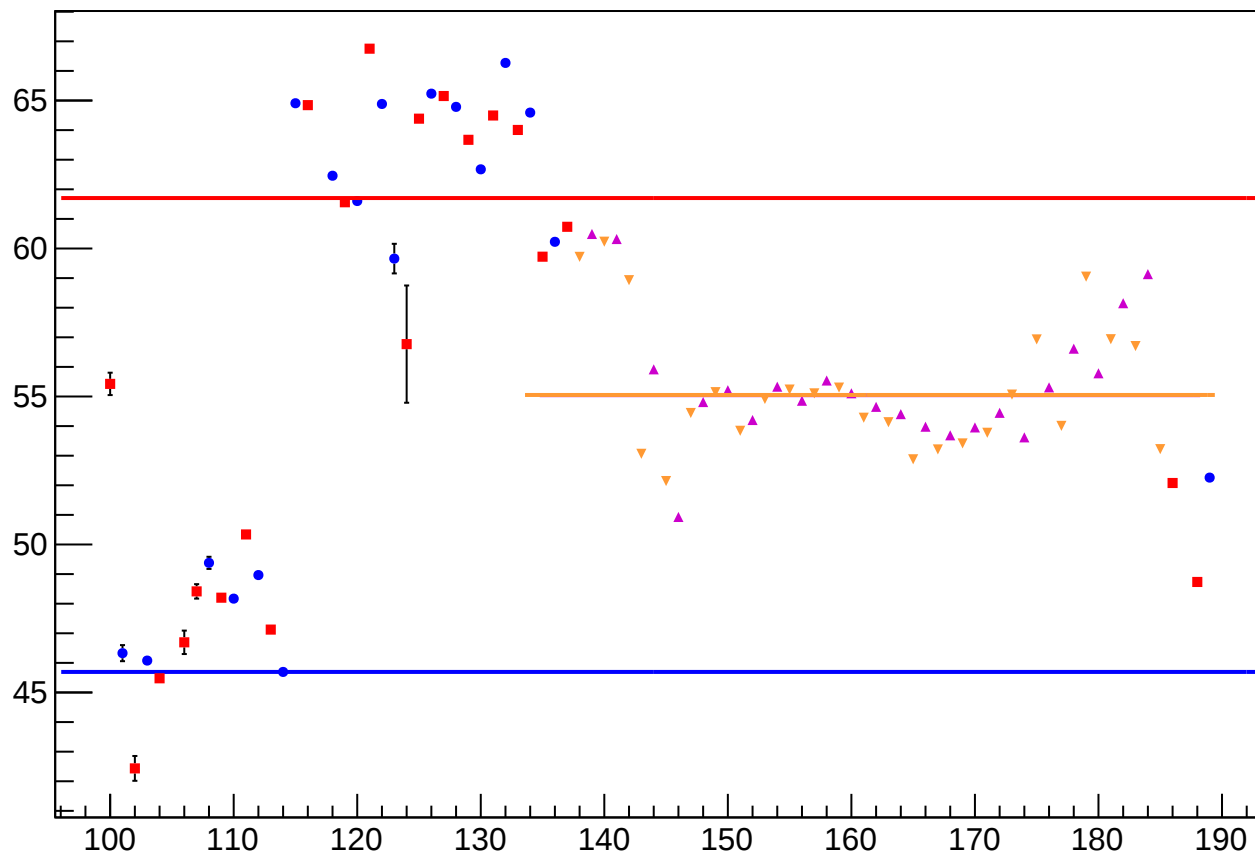
Left In: -49.488 $\pm$ 0.001 χ^2 /NDF: 431523.8/22

+ sign -49.625 $\pm$ 0.001 χ^2 /NDF: 1113334.1/42

All: -58.637 $\pm$ 0.000 χ^2 /NDF: 124655881.3/8

- sign -58.637 $\pm$ 0.000 χ^2 /NDF: 74546546.0/43

dit_sam8_4eY_slope vs Slug



Right In: 45.694 $\pm$ 0.000 χ^2 /NDF: 3580032.2/17

Left Out: 55.052 $\pm$ 0.003 χ^2 /NDF:373445.7/24

Right Out: 61.705 $\pm$ 0.006 χ^2 /NDF: 277051.6/20

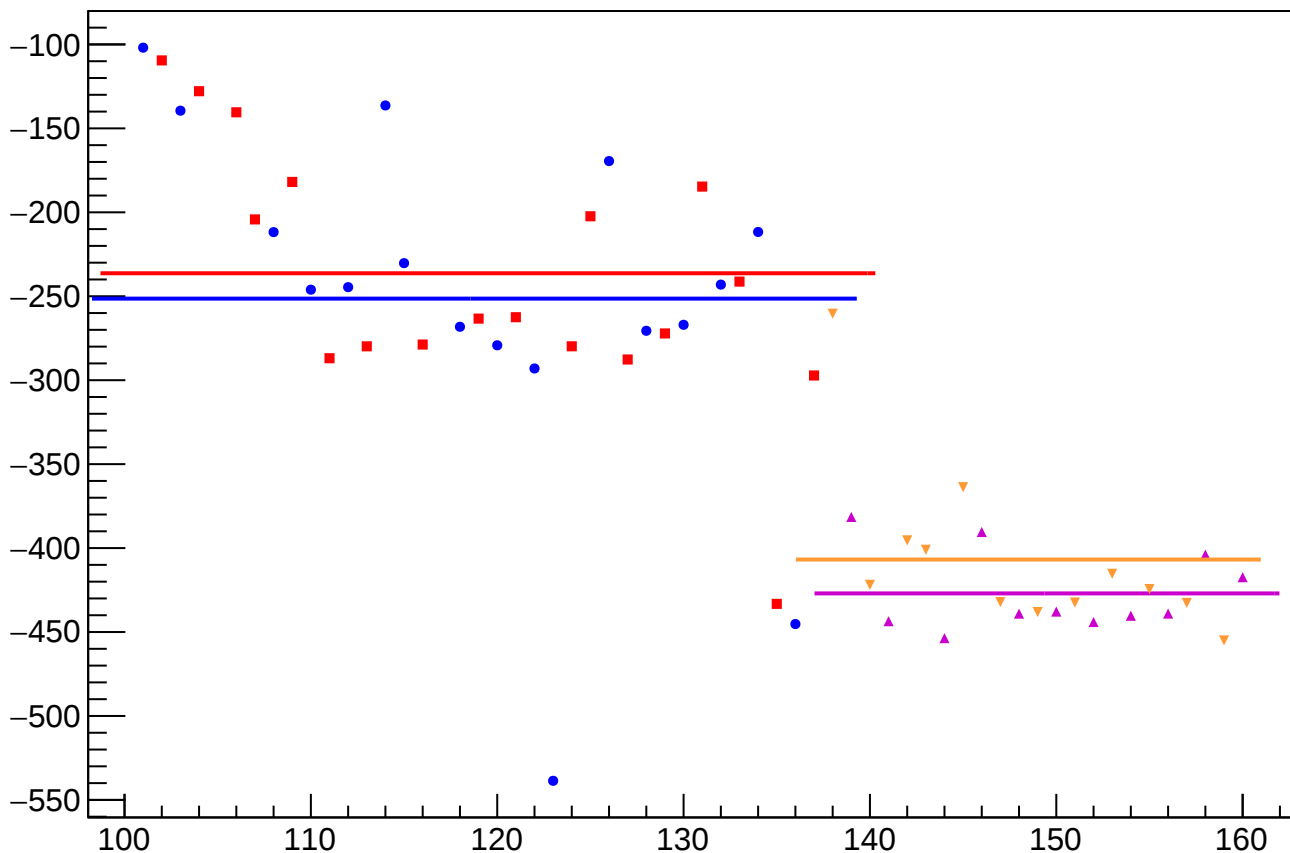
Left In: 55.045 $\pm$ 0.003 χ^2 /NDF:88930.1/22

+ sign 45.694 $\pm$ 0.000 χ^2 /NDF: 13020729.5/42

All: 45.694 $\pm$ 0.000 χ^2 /NDF: 30382697.4/86

- sign 56.168 $\pm$ 0.003 χ^2 /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

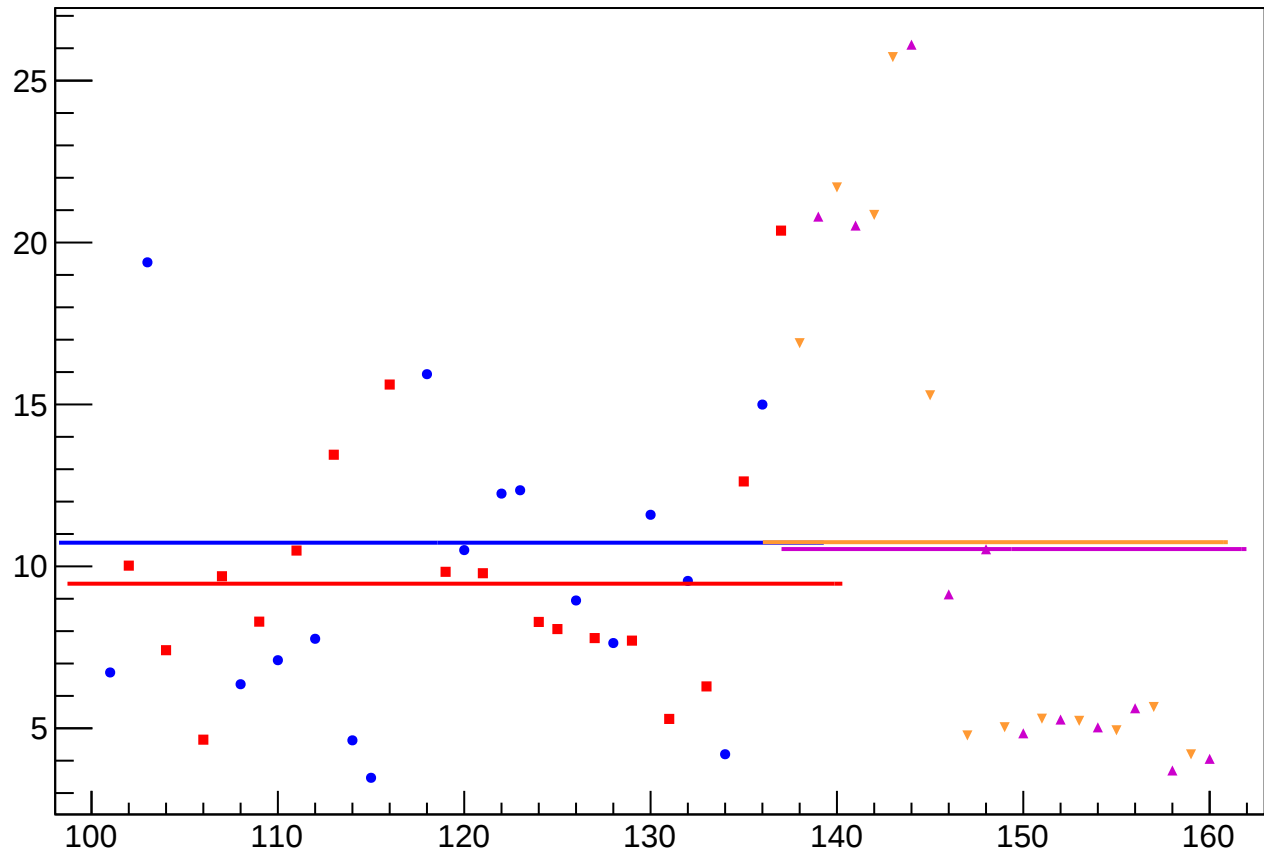
Left In: -426.999+/-0.000 χ^2/NDF : 491897519091150809282810233728532480.0/10

+ sign -339.543+/-0.000 χ^2/NDF : 18177302415444

All: -341.937+/-0.000 χ^2/NDF : 37990848197

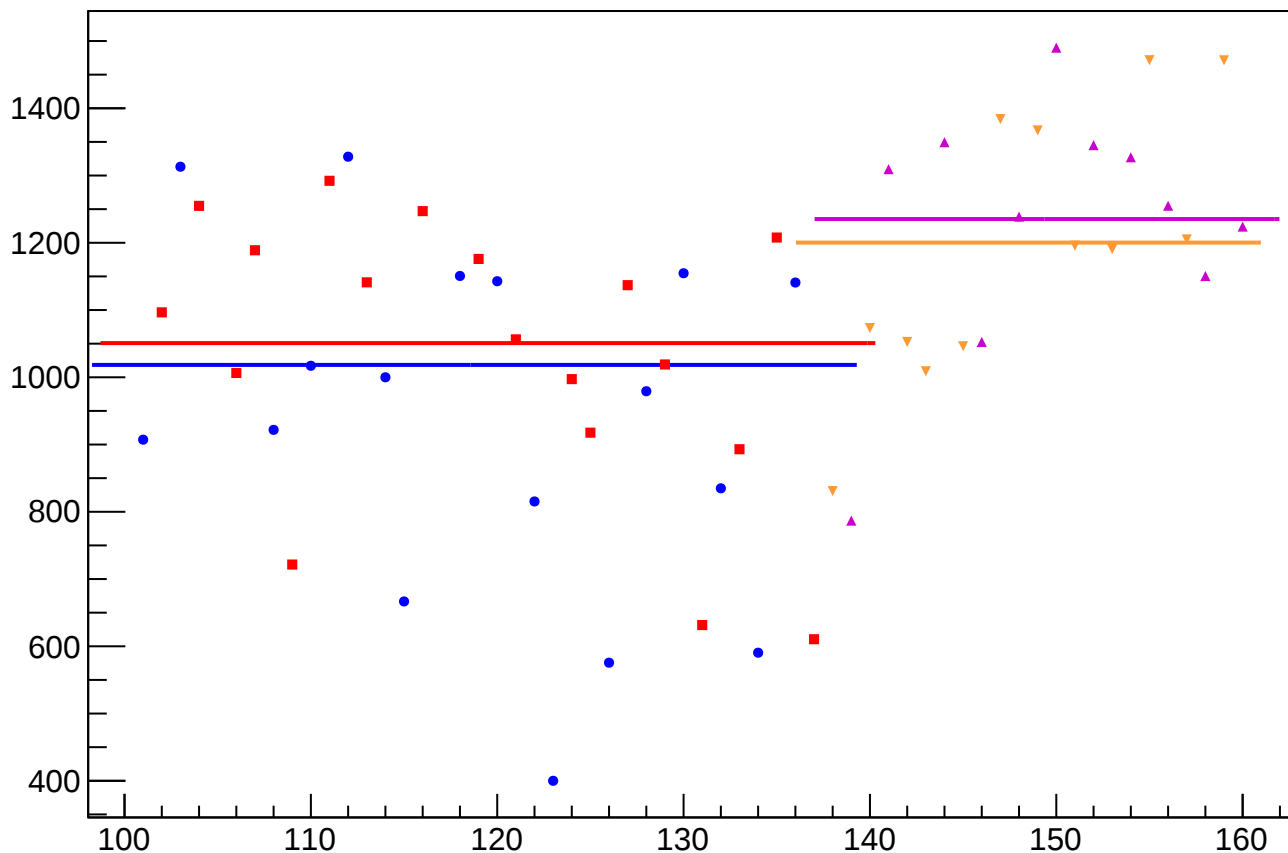
- sign -344.265+/-0.000 χ^2/NDF : 197954301913054

dit_4aX_coil1_err_mean vs Slug



Right In: 10.731+/-0.000	χ^2/NDF : 12832156832660883988585211297267712.0/16	+ sign 10.740+/-0.000	χ^2/NDF : 6540081419924880
Left Out: 10.747+/-0.000	χ^2/NDF : 52568555520200298220372681258172416.0/11	All: 10.401+/-0.000	χ^2/NDF : 1292227264459
Right Out: 9.465+/-0.000	χ^2/NDF : 6964289429474711338503750841008128.0/17	- sign 10.071+/-0.000	χ^2/NDF : 6345753966609601
Left In: 10.535+/-0.000	χ^2/NDF : 56030306294181725597372333160398848.0/10		

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

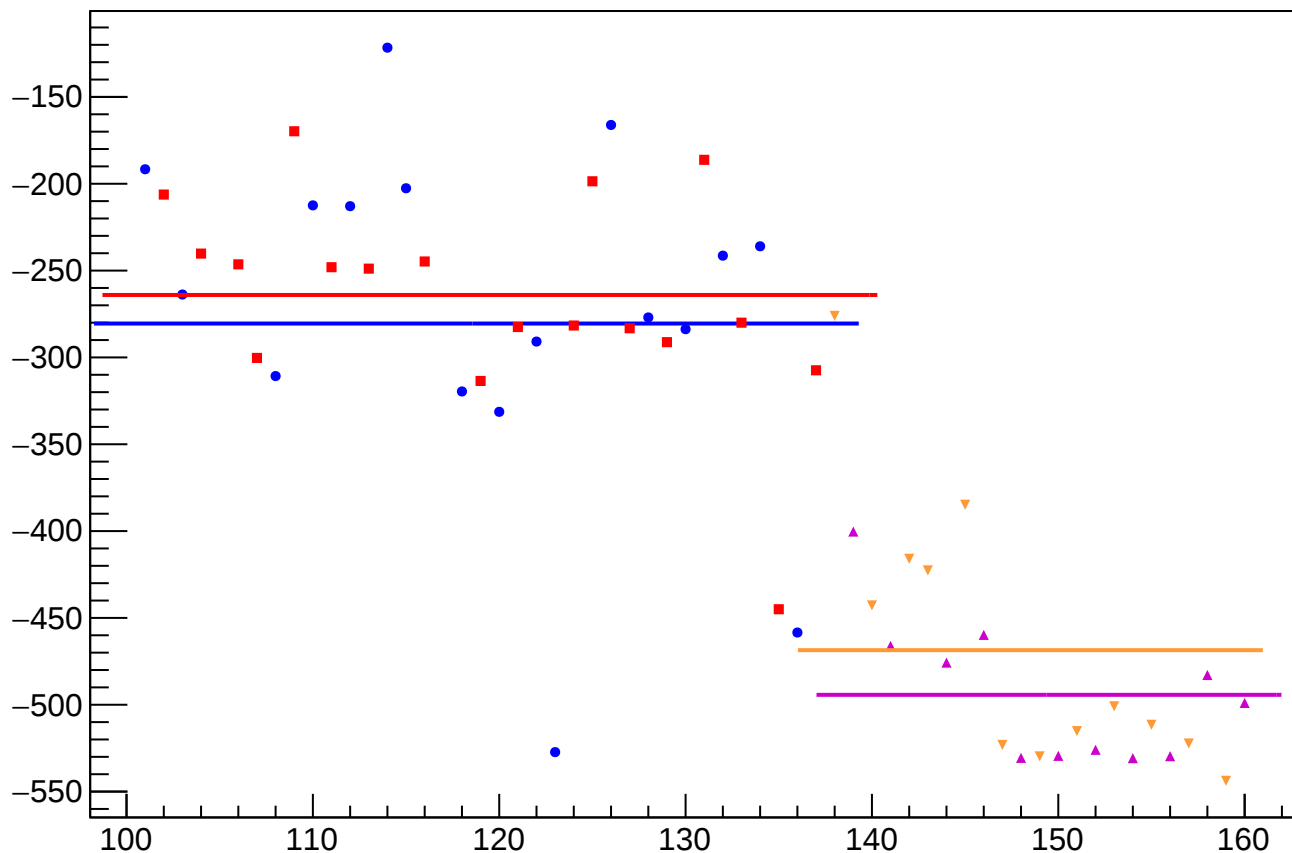
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

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_4eX_coil1_mean vs Slug



Right In: -280.488+/-0.000 χ^2/NDF : 5126630238526976320868749941319663616.0/16

Left Out: -468.575+/-0.000 χ^2/NDF : 5376900160405137659978716094572527616.0/11

Right Out: -264.038+/-0.000 χ^2/NDF : 2950904189133891581840816046652522496.0/17

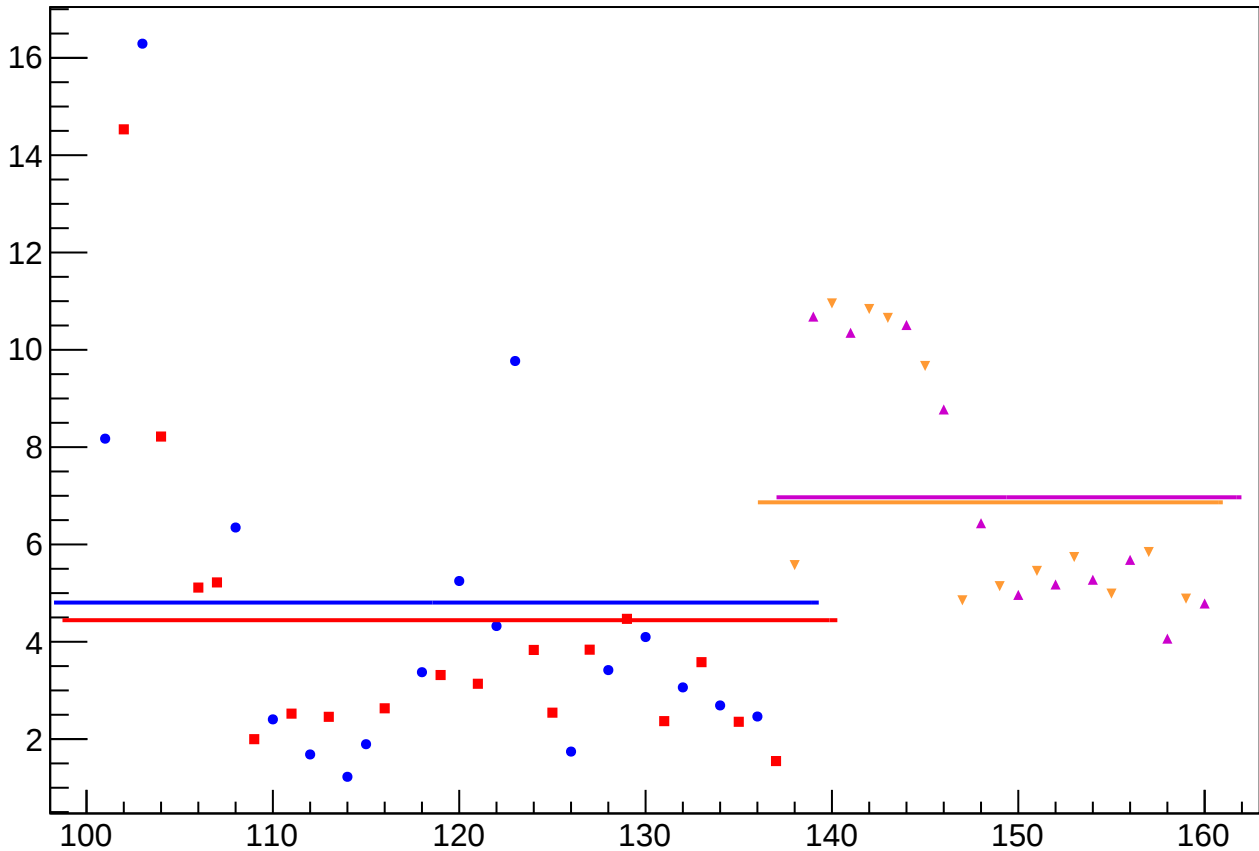
Left In: -494.291+/-0.000 χ^2/NDF : 1453739025414967917322489885861347328.0/10

+ sign -387.145+/-0.000 χ^2/NDF : 24425652530066

All: -390.819+/-0.000 χ^2/NDF : 50333532153

- sign -394.393+/-0.000 χ^2/NDF : 258651894809758

dit_4eX_coil1_err_mean vs Slug



Right In: 4.806+/-0.000 χ^2/NDF : 10922956451109492621931429310234624.0/16

Left Out: 6.866+/-0.000 χ^2/NDF : 5299669563995653642636095012208640.0/11

Right Out: 4.443+/-0.000 χ^2/NDF : 8238698902114437843582467079929856.0/17

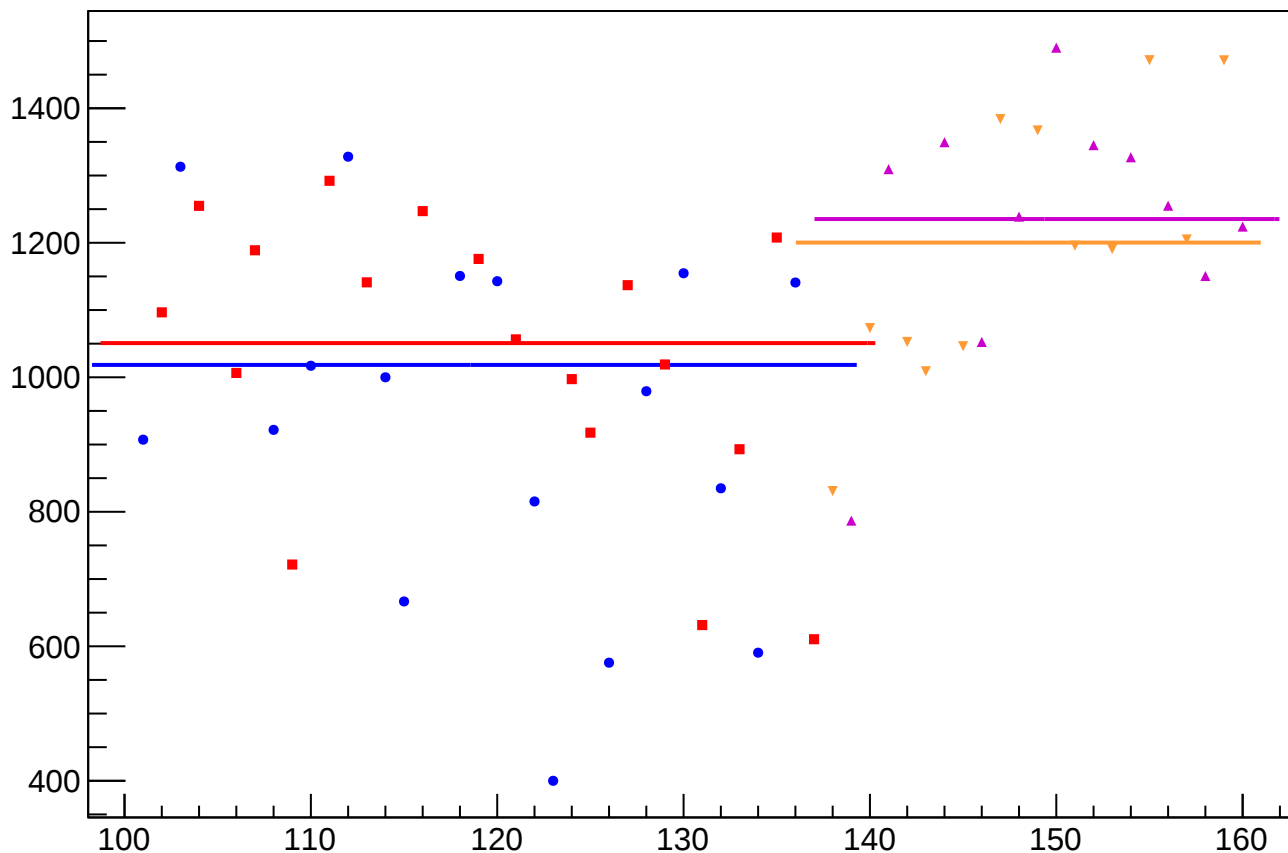
Left In: 6.969+/-0.000 χ^2/NDF : 56109298535943891073252121357844448.0/10

+ sign 5.974+/-0.000 χ^2/NDF : 17892687835671070

All: 5.923+/-0.000 χ^2/NDF : 34333338930633

- sign 5.873+/-0.000 χ^2/NDF : 16432445680690964

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

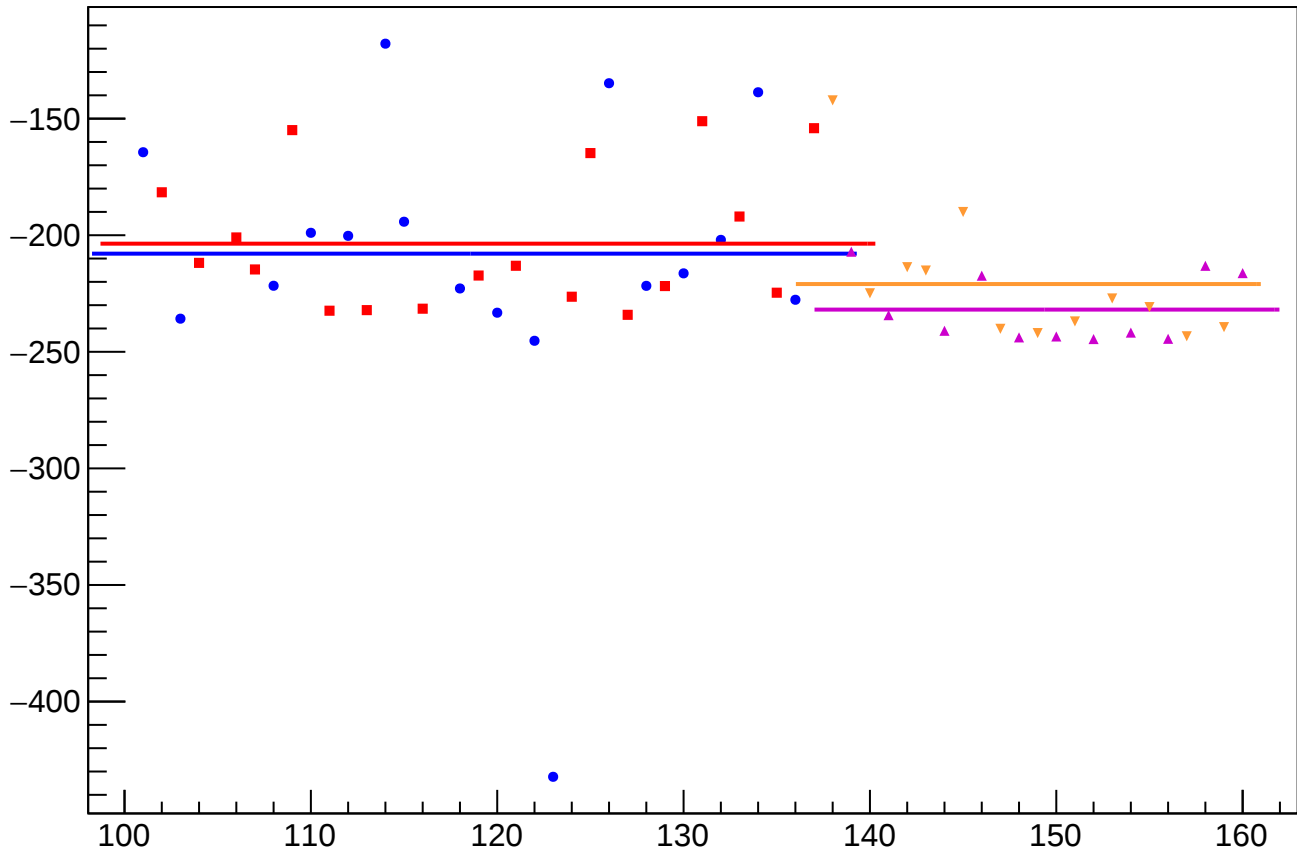
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

dit_11X12X_coil1_mean vs Slug



Right In: -207.905+/-0.000 χ^2/NDF : 932229169633108948090208893374824448.0/16

Left Out: -220.938+/-0.000 χ^2/NDF : 725702280929192018663060859751759872.0/11

Right Out: -203.621+/-0.000 χ^2/NDF : 555366082114711816530063438779514880.0/17

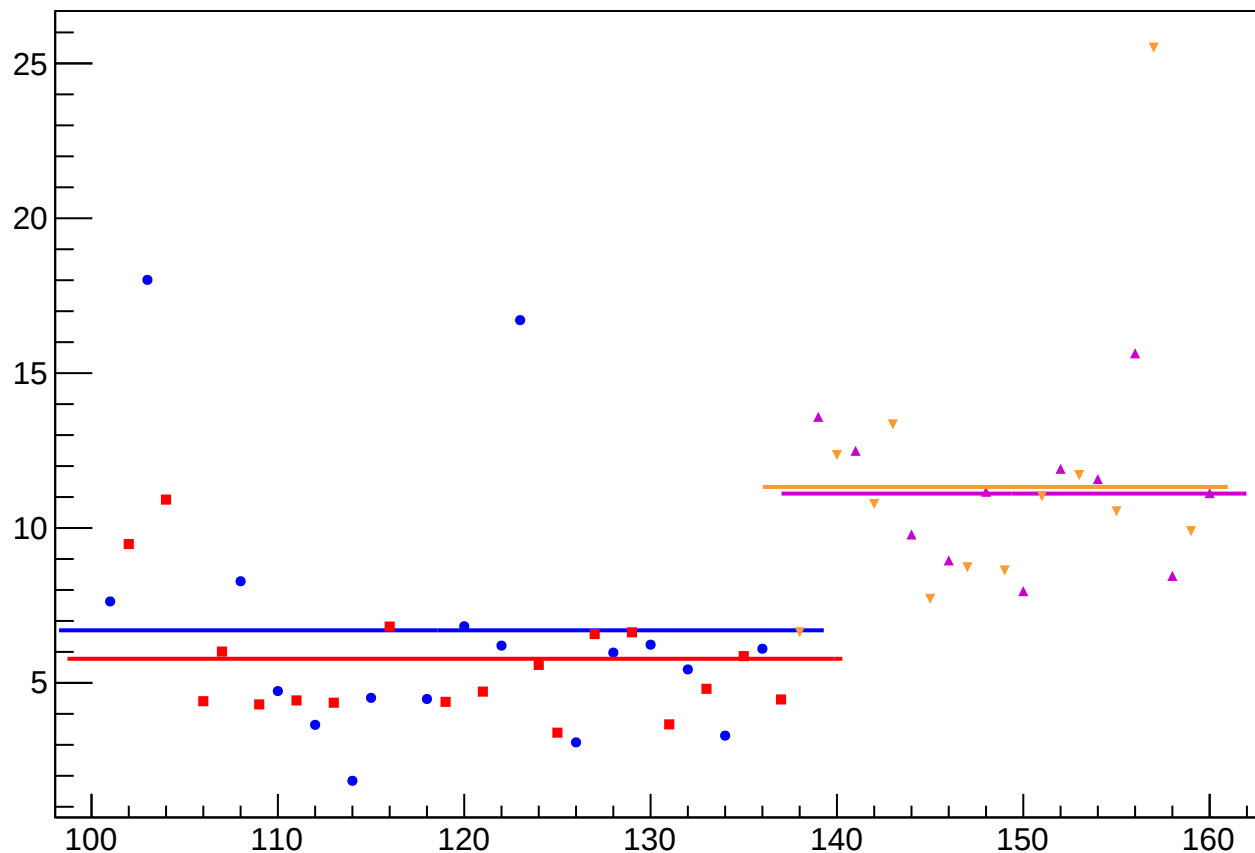
Left In: -231.896+/-0.000 χ^2/NDF : 183329680516479381507897892871864320.0/10

+ sign -215.295+/-0.000 χ^2/NDF : 17247724596124

All: -217.492+/-0.000 χ^2/NDF : 28023296539

- sign -219.629+/-0.000 χ^2/NDF : 106229854810720

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.697 $\pm$ 0.000 χ^2 /NDF: 10220265362684500644667484757032960.0/16

Left Out: 11.325 $\pm$ 0.000 χ^2 /NDF: 19360042625652449313367034255376384.0/11

Right Out: 5.778 $\pm$ 0.000 χ^2 /NDF: 3154580715579075896881670619398144.0/17

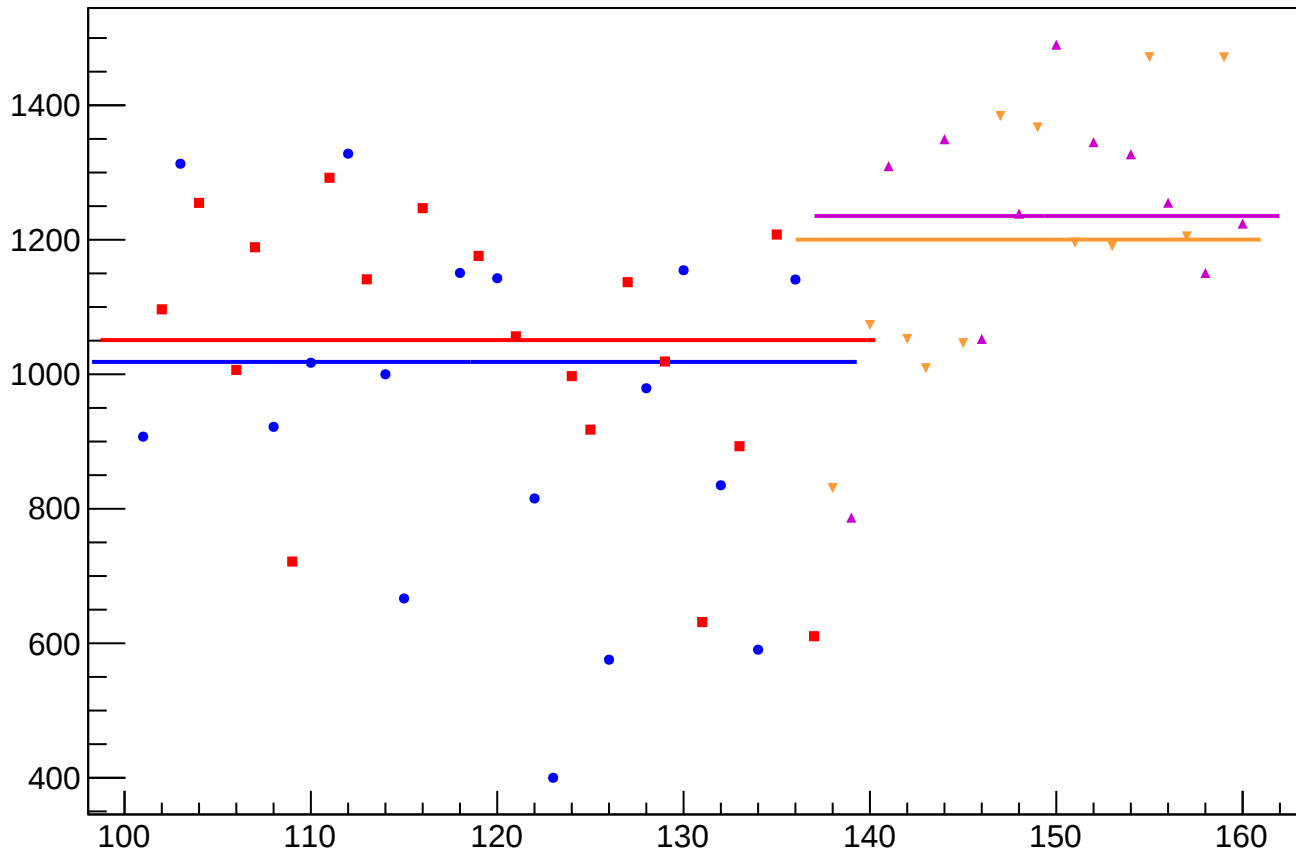
Left In: 11.111 $\pm$ 0.000 χ^2 /NDF: 4392167277443947568386278164529152.0/10

+ sign 9.322 $\pm$ 0.000 χ^2 /NDF: 38008187746633250

All: 9.056 $\pm$ 0.000 χ^2 /NDF: 57290015825980

- sign 8.798 $\pm$ 0.000 χ^2 /NDF: 19058642886632659

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

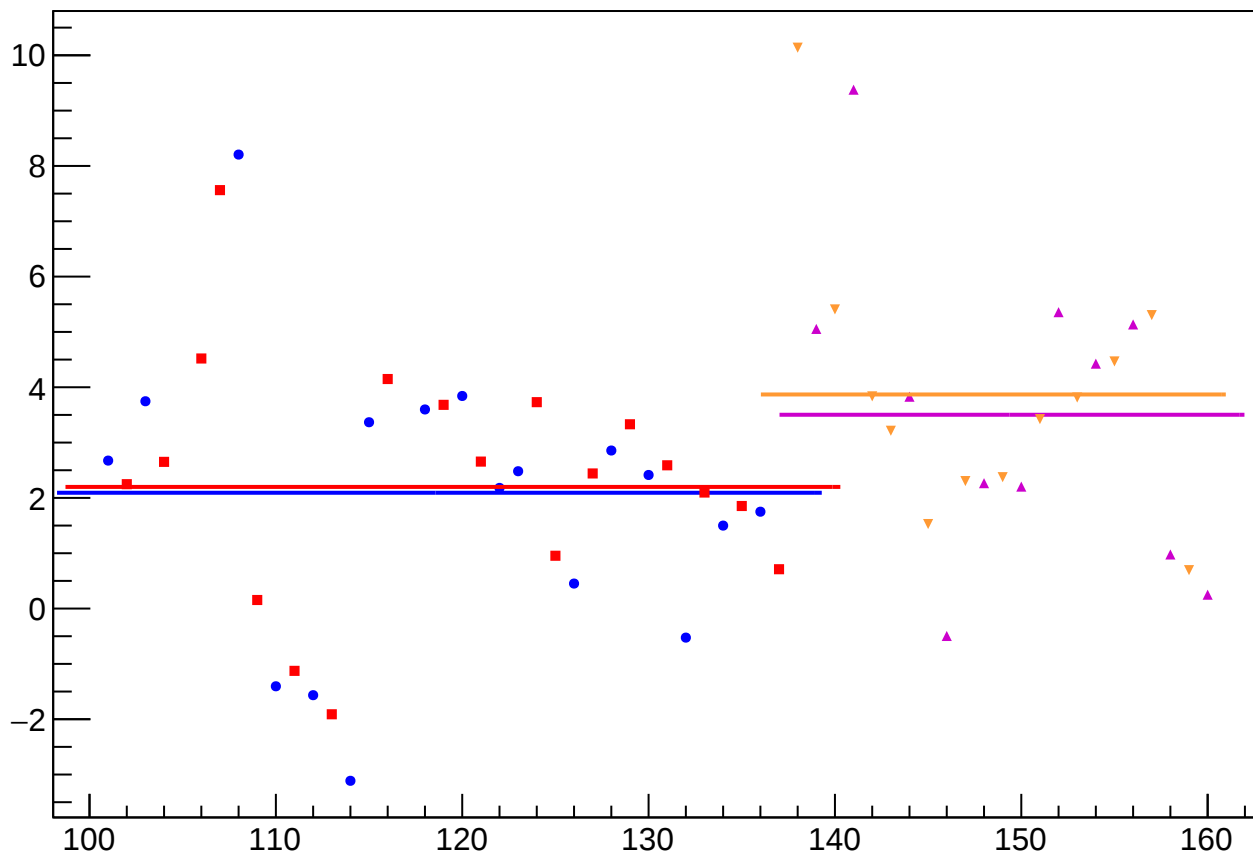
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_4aY_coil1_mean vs Slug



Right In: 2.093+/-0.000 χ^2/NDF : 3708588340032367175525218060861440.0/16

+ sign 3.100+/-0.000 χ^2/NDF : 10047584366193462

Left Out: 3.870+/-0.000 χ^2/NDF : 5096895495074779754701121480818688.0/11

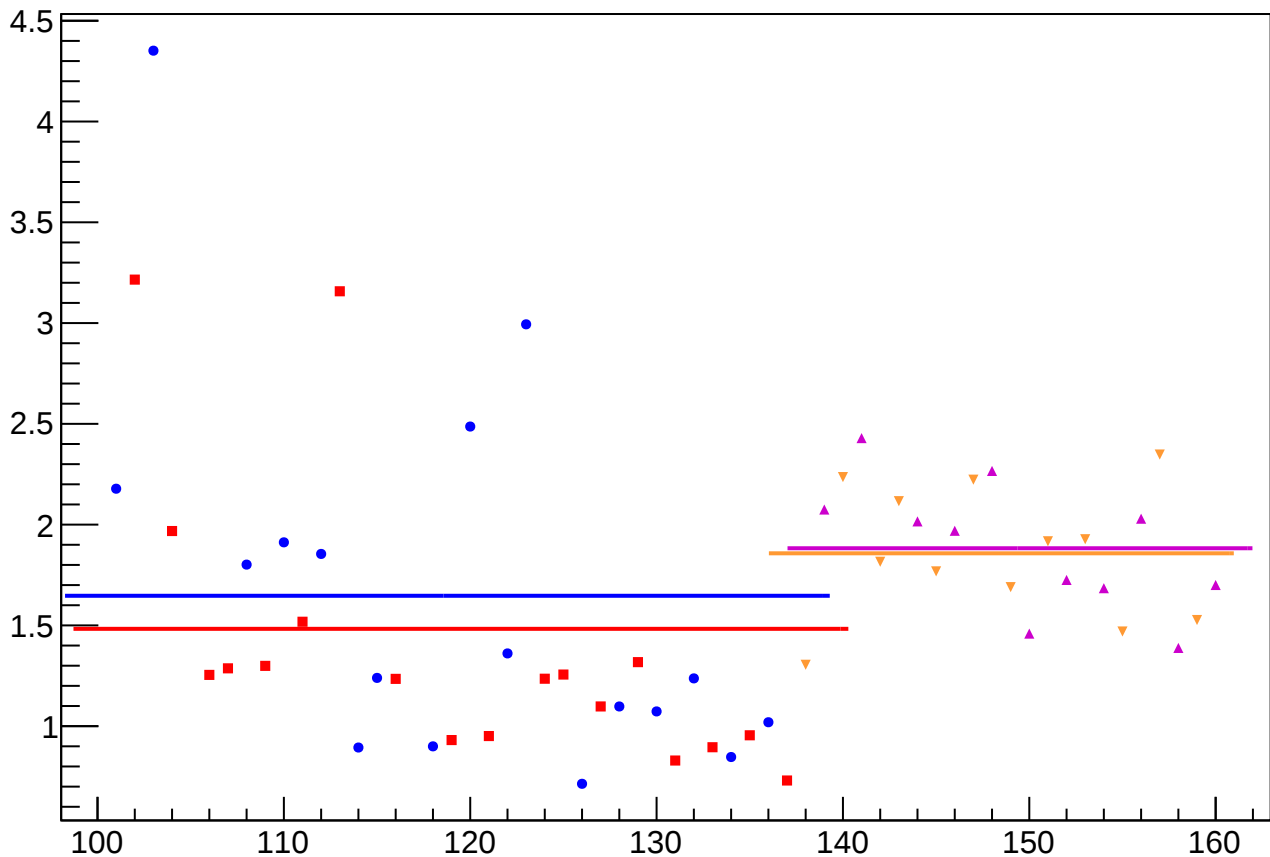
All: 3.018+/-0.000 χ^2/NDF : 20594856033340

Right Out: 2.199+/-0.000 χ^2/NDF : 3107113733134423203865144181391360.0/17

- sign 2.937+/-0.000 χ^2/NDF : 10525561442982539

Left In: 3.503+/-0.000 χ^2/NDF : 6729958277549549509263051005624320.0/10

dit_4aY_coil1_err_mean vs Slug



Right In: 1.647 $\pm$ 0.000 χ^2 /NDF: 651088572320131635658625105526784.0/16

Left Out: 1.858 $\pm$ 0.000 χ^2 /NDF: 92819096352183662549607808761856.0/11

Right Out: 1.483 $\pm$ 0.000 χ^2 /NDF: 413770473105203088009551048343552.0/17

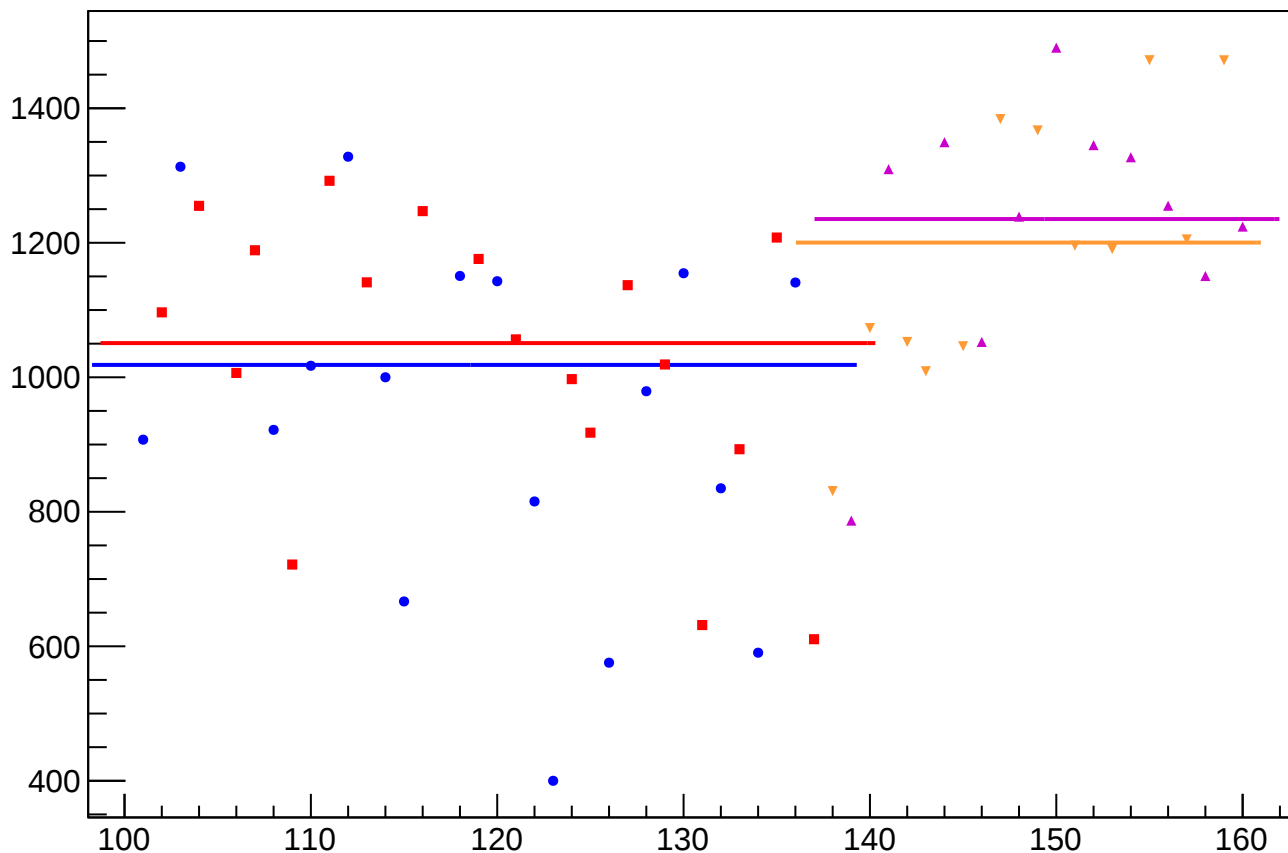
Left In: 1.883 $\pm$ 0.000 χ^2 /NDF: 89198060548496721731654669828096.0/10

+ sign 1.766 $\pm$ 0.000 χ^2 /NDF: 76137603916133159

All: 1.737 $\pm$ 0.000 χ^2 /NDF: 13316969911965

- sign 1.709 $\pm$ 0.000 χ^2 /NDF: 56766796820229058

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

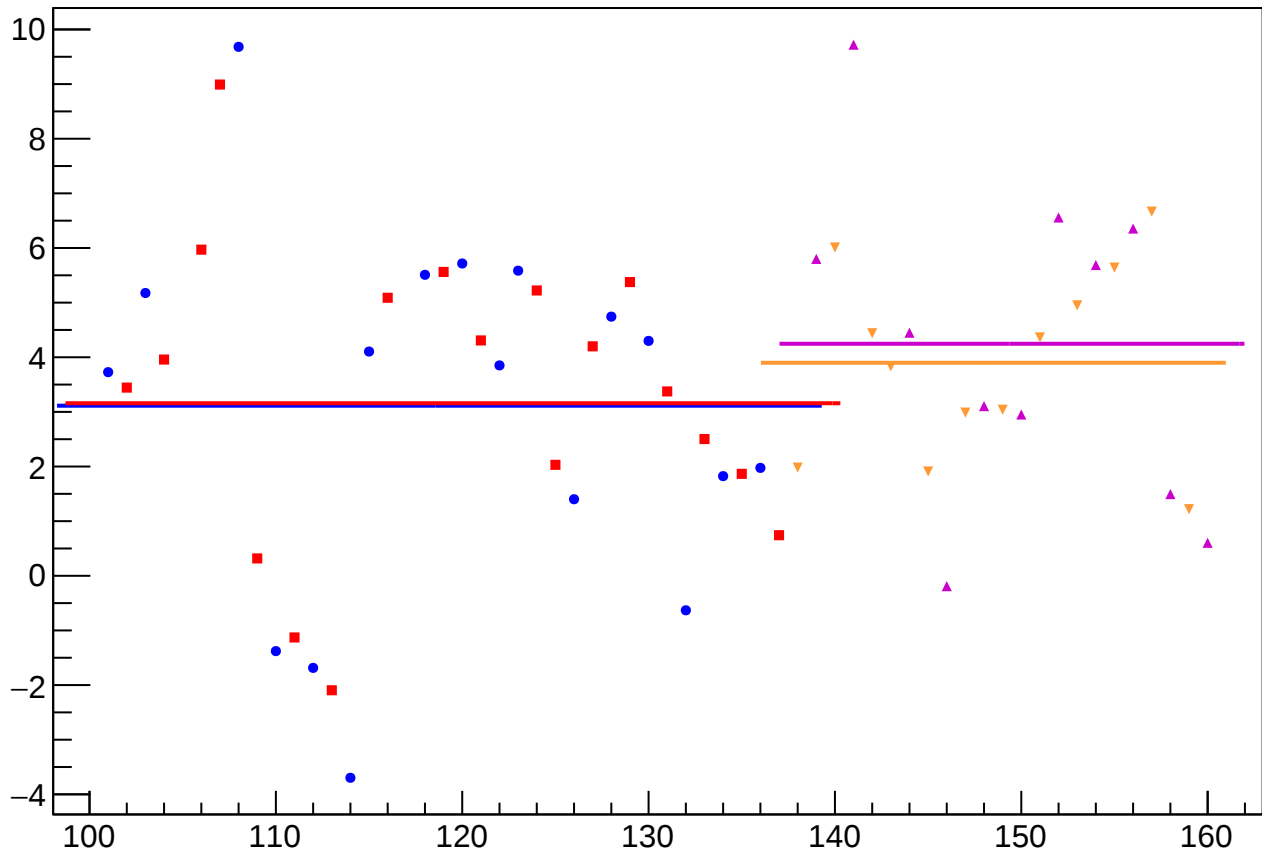
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

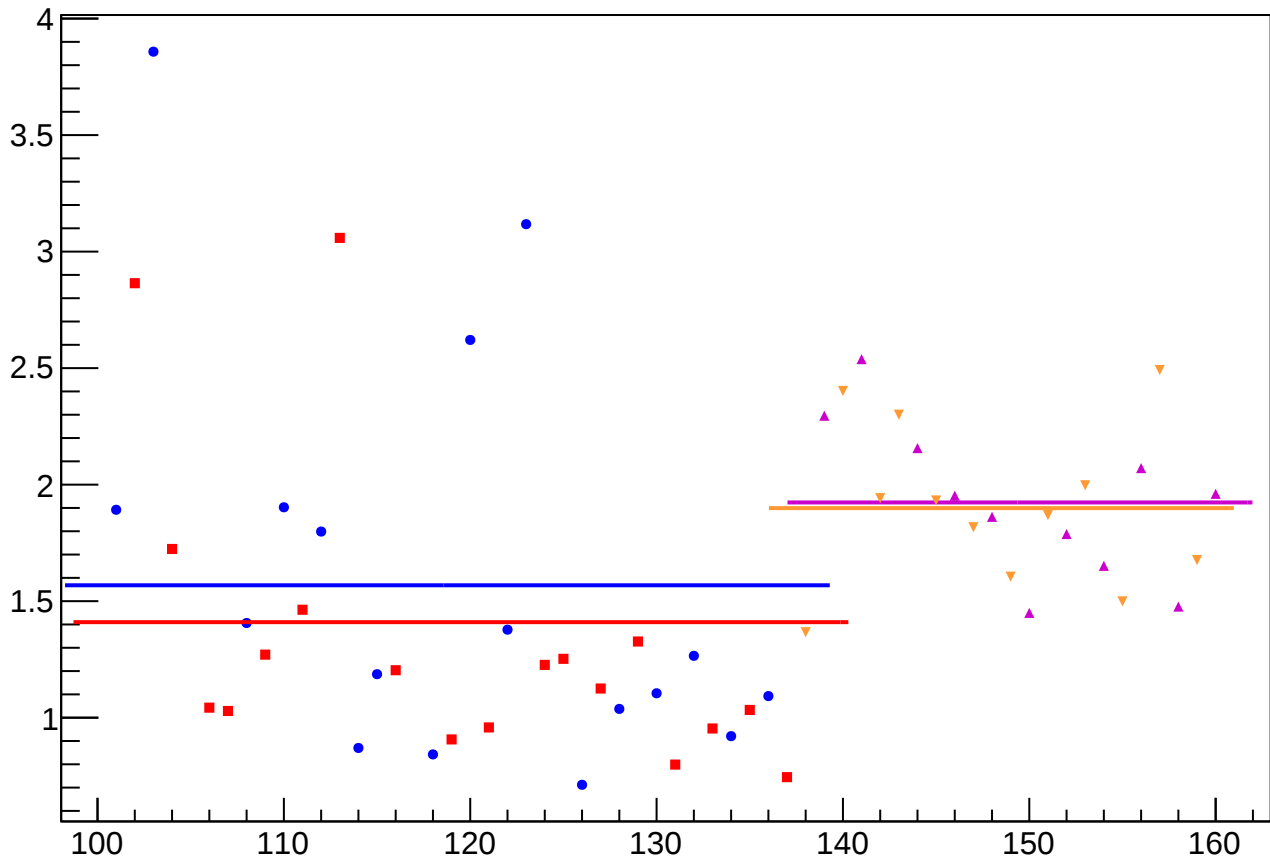
dit_4eY_coil1_mean vs Slug



Right In: 3.113+/-0.000	χ^2/NDF : 5969364473683453458180416326336512.0/16
Left Out: 3.899+/-0.000	χ^2/NDF : 2596063476262392643786187397398528.0/11
Right Out: 3.158+/-0.000	χ^2/NDF : 5013186540103138237647291198472192.0/17
Left In: 4.247+/-0.000	χ^2/NDF : 7362557296783828788324476360065024.0/10

+ sign 3.559+/-0.000 χ^2/NDF : 88084978465121807
 All: 3.668+/-0.000 χ^2/NDF : 21701782292793
 - sign 3.775+/-0.000 χ^2/NDF : 12855486338811030

dit_4eY_coil1_err_mean vs Slug



Right In: 1.568+/-0.000 χ^2/NDF : 496968559591870447992286312660992.0/16

Left Out: 1.899+/-0.000 χ^2/NDF : 105245400634415170842187400216576.0/11

Right Out: 1.410+/-0.000 χ^2/NDF : 328993477679498579442129623318528.0/17

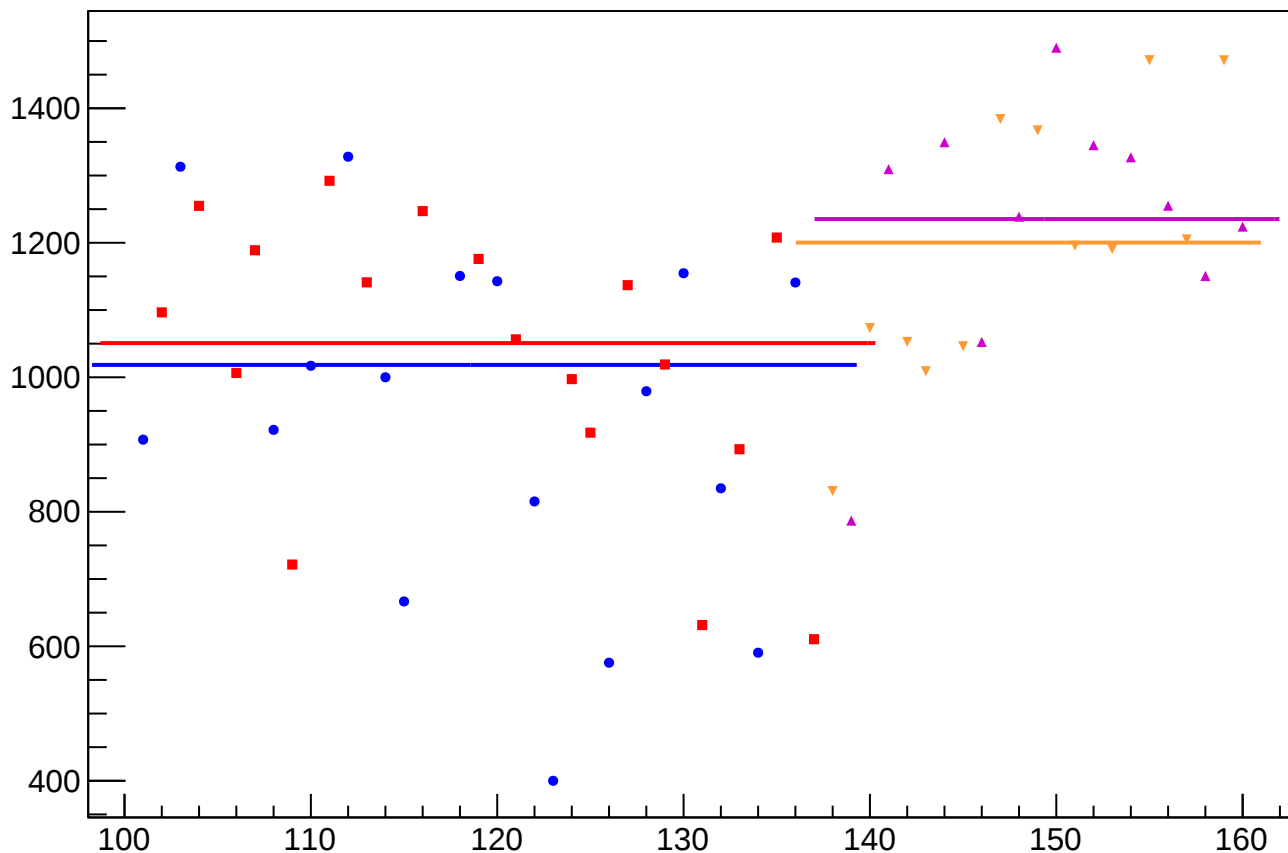
Left In: 1.924+/-0.000 χ^2/NDF : 95242962939028869202536503967744.0/10

All: 1.728+/-0.000 χ^2/NDF : 11788652842283.0/44

+ 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

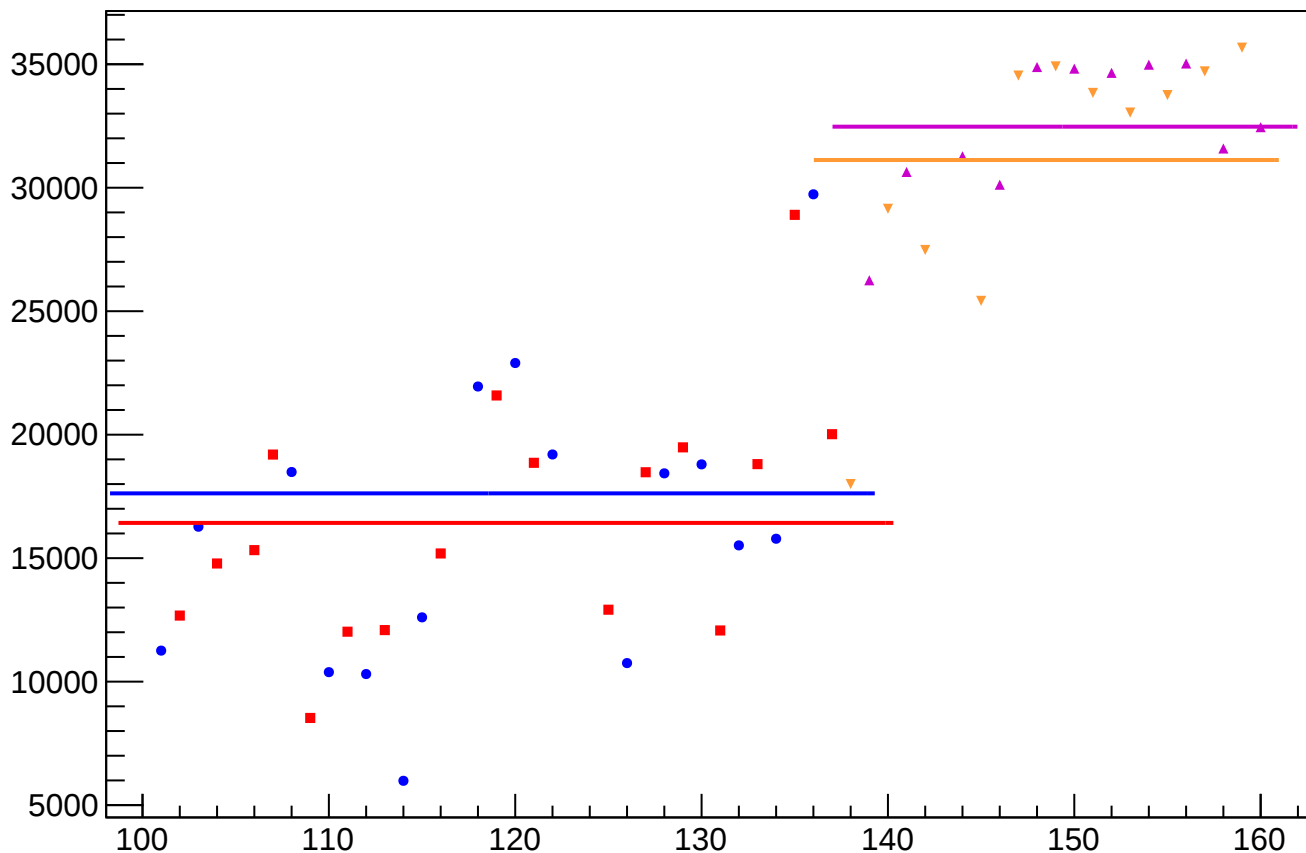
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

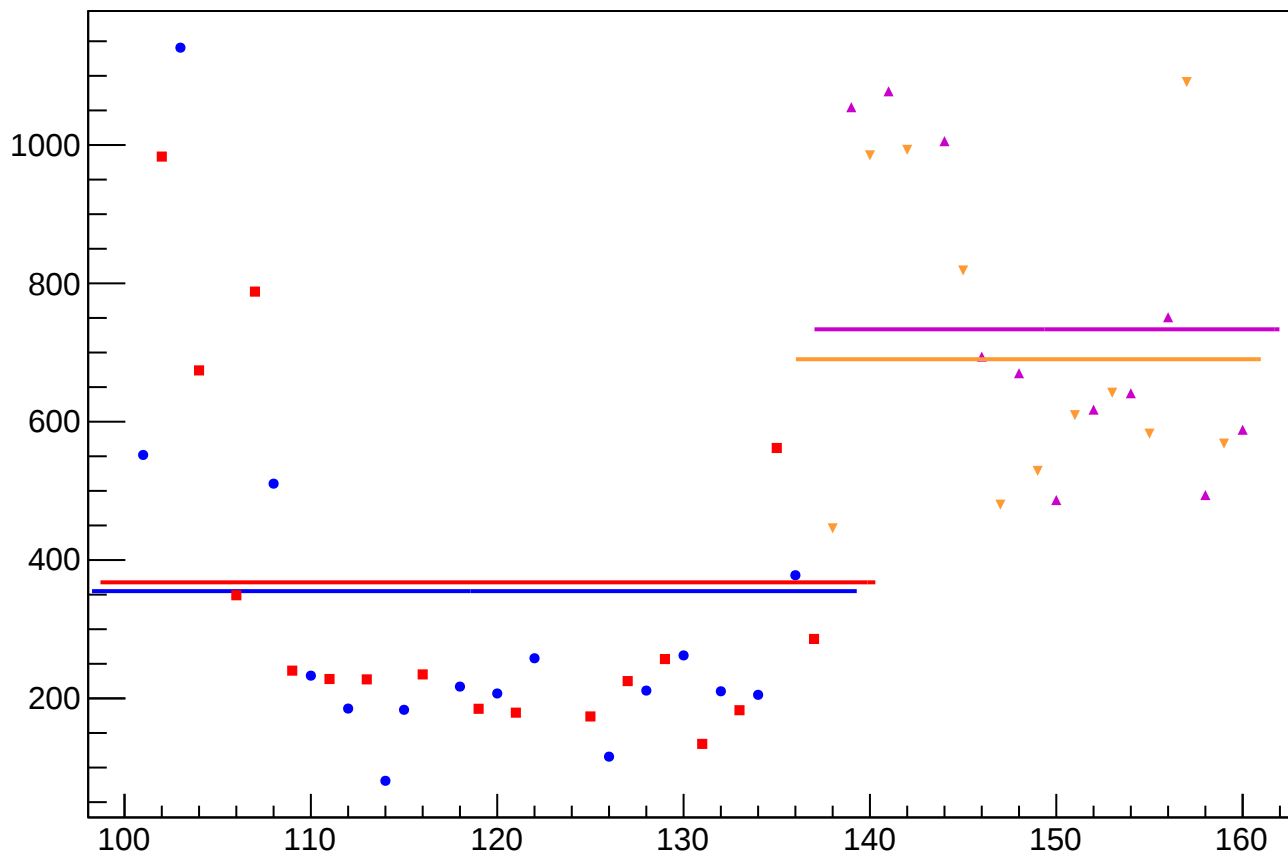
All: 1138.646+/-0.000 χ^2/NDF : 15044351621

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

dit_usl_coil1_err_mean vs Slug



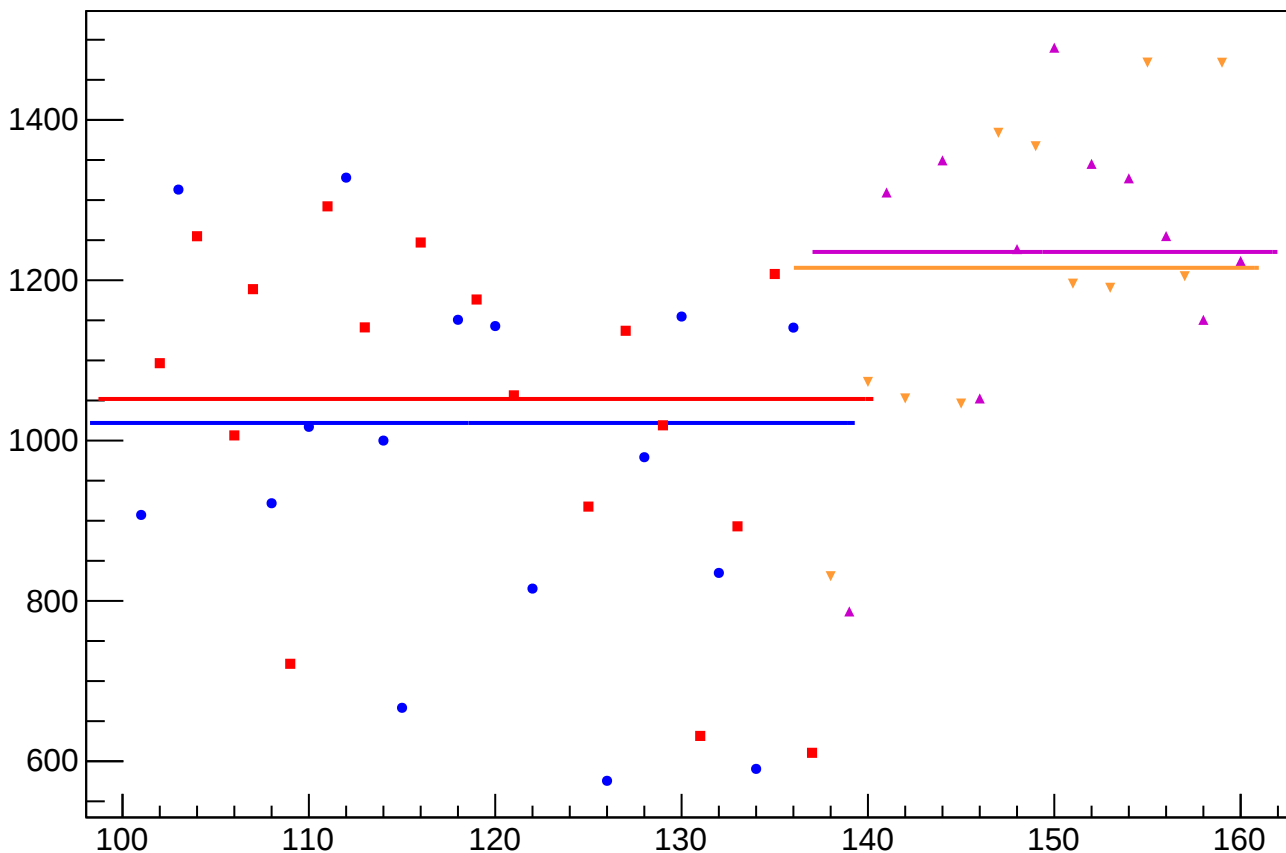
Right In: 355.072+/-0.000 χ^2/NDF : 50262750162224494428361272812030132224.0/15

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

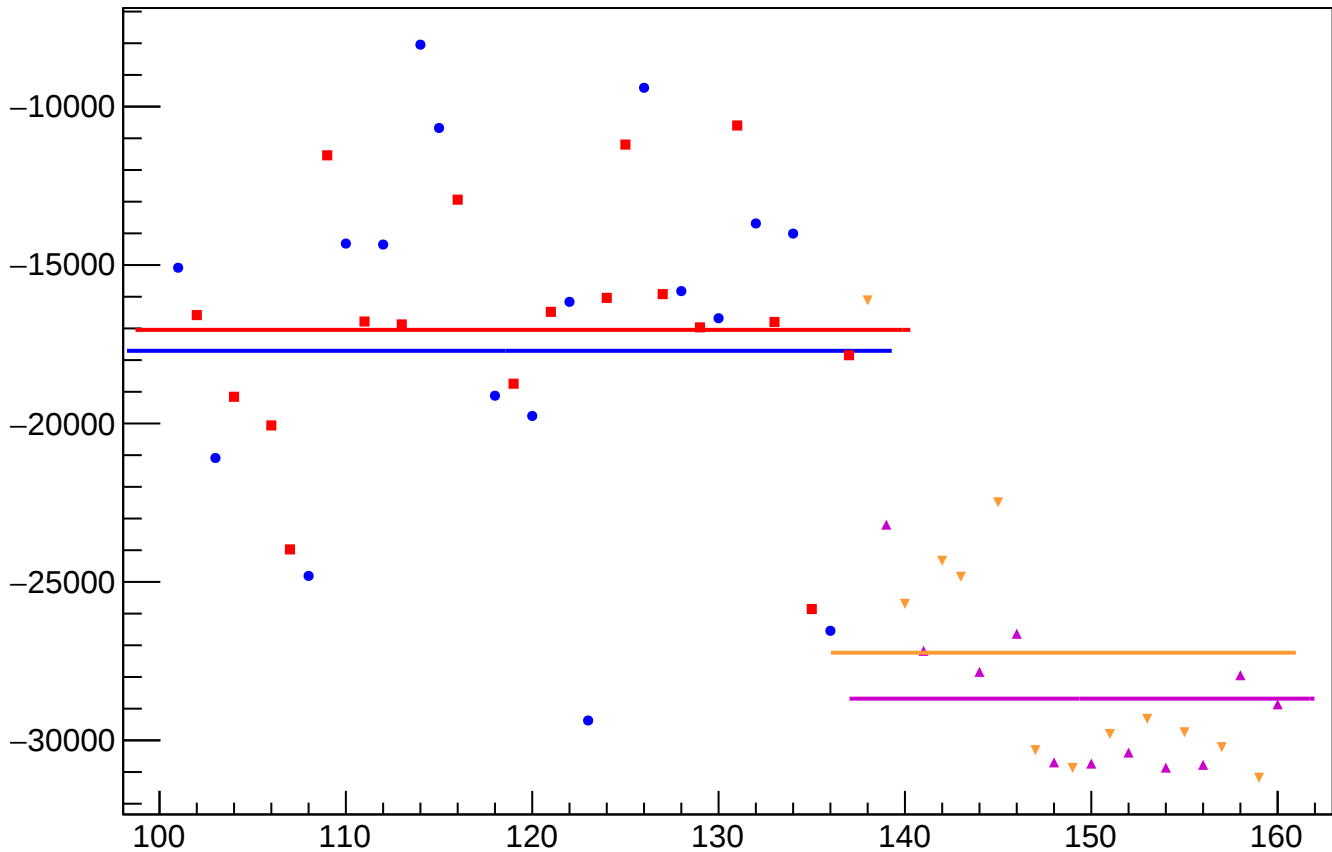
Right Out: 1051.912+/-0.000 χ^2/NDF : 26857120331966502825045576618889707520.0/16

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1142.949+/-0.000 χ^2/NDF : 14679583876

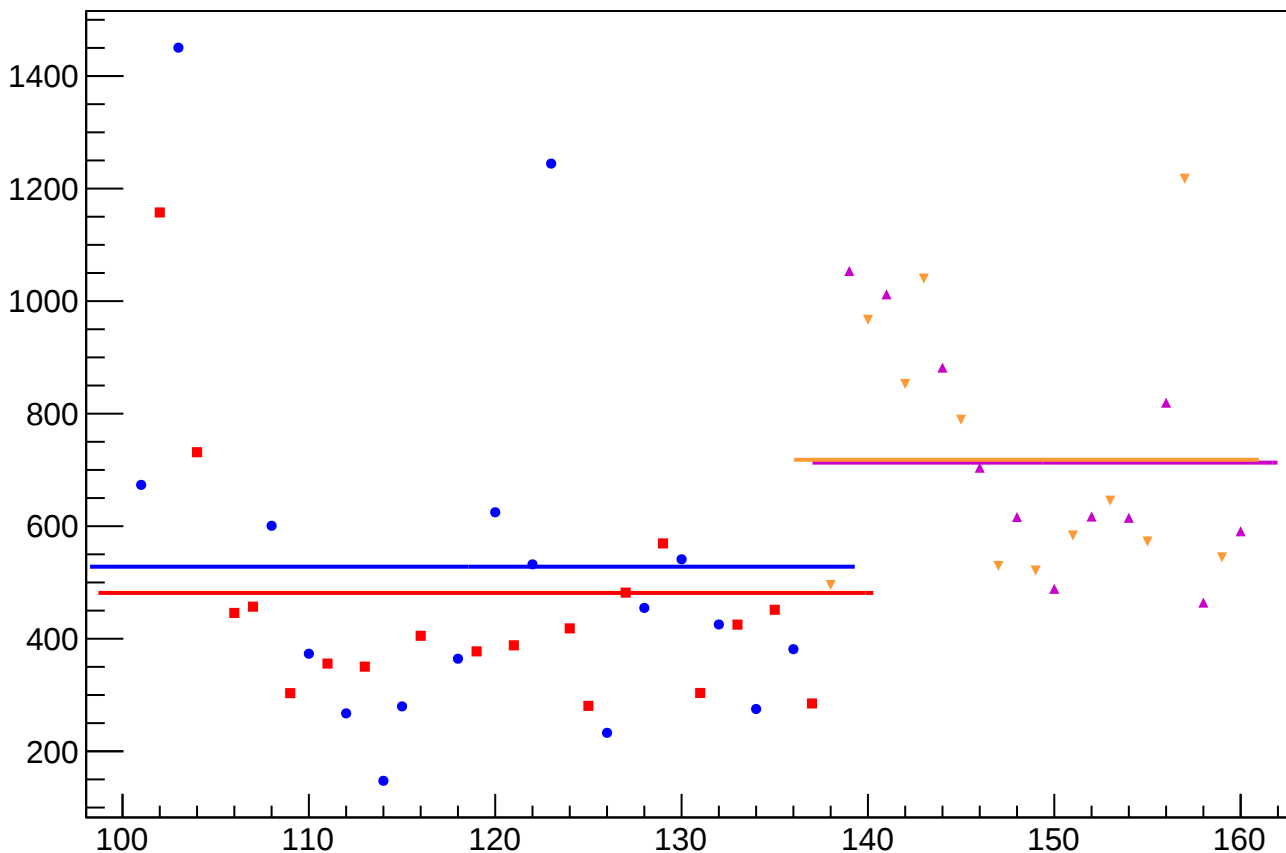
- sign 1156.632+/-0.000 χ^2/NDF : 69343142678528

dit_usr_coil1_mean vs Slug



Right In: -17706.432 ± 0.000 $\chi^2/\text{NDF}: 17446583920719856354509663675734298722304.0/16$
 Left Out: -27234.311 ± 0.000 $\chi^2/\text{NDF}: 17501423858802312277149406811030835691520.0/11$
 Right Out: -17045.413 ± 0.000 $\chi^2/\text{NDF}: 10956517506901040130363493382016229965824.0/17$
 Left In: -28684.462 ± 0.000 $\chi^2/\text{NDF}: 4838740363214091105444424537307038613504.0/10$

dit_usr_coil1_err_mean vs Slug



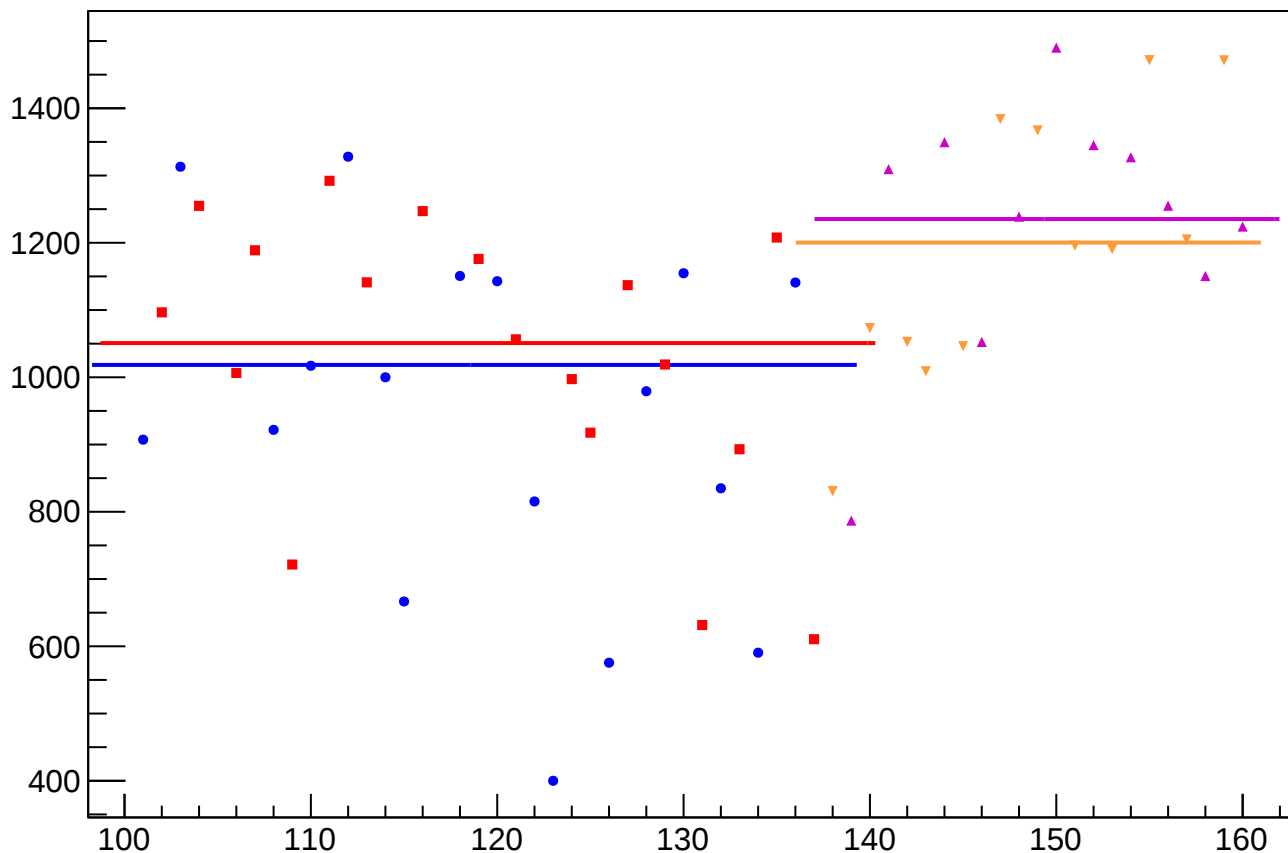
Right In: 528.041+/-0.000 χ^2/NDF : 69659723827653646879006199384029265920.0/16

Left Out: 718.075+/-0.000 χ^2/NDF : 47539185486125031464503975982300921856.0/11

Right Out: 481.423+/-0.000 χ^2/NDF : 37781807344960782949995964438094544896.0/17

Left In: 712.956+/-0.000 χ^2/NDF : 33715682233034029284600696449779367936.0/10

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

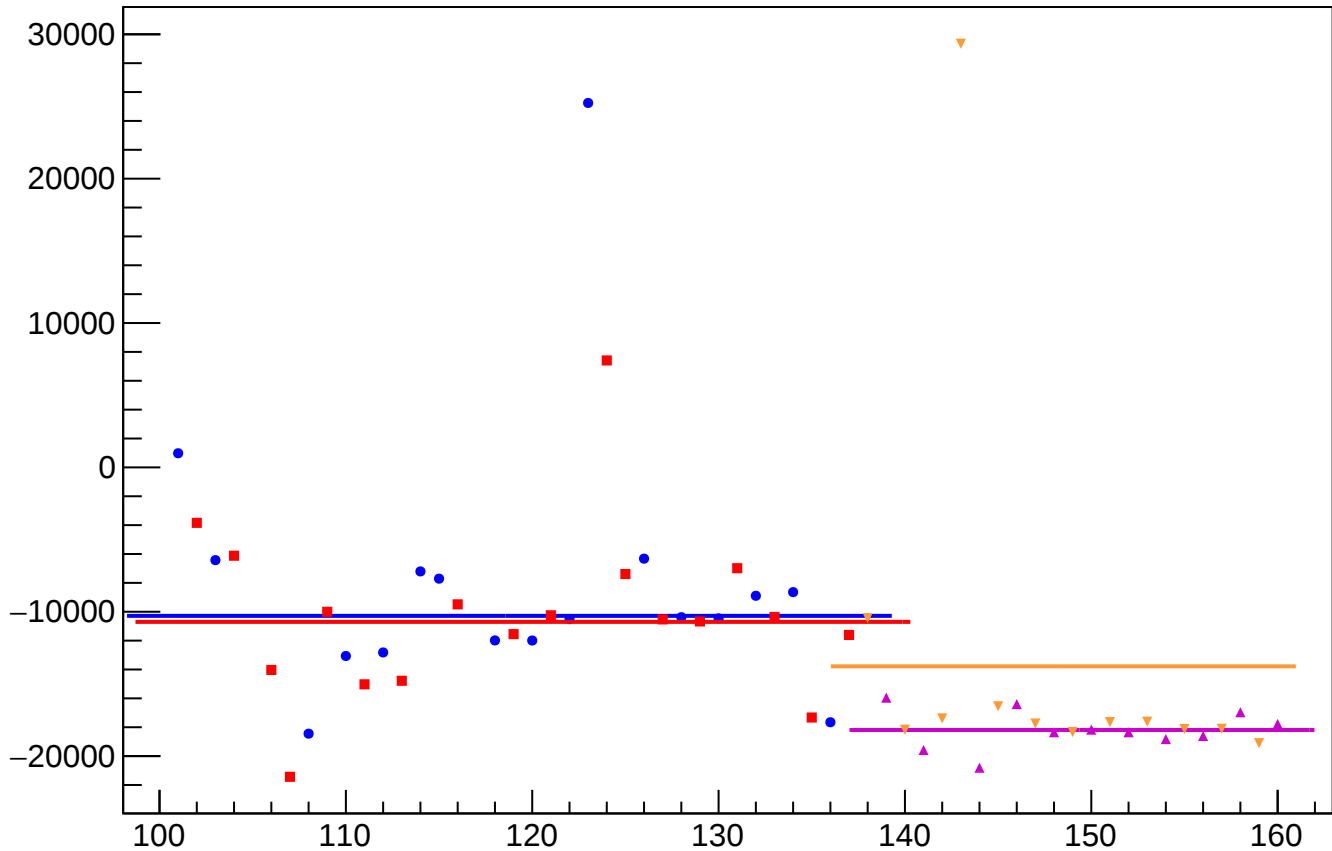
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

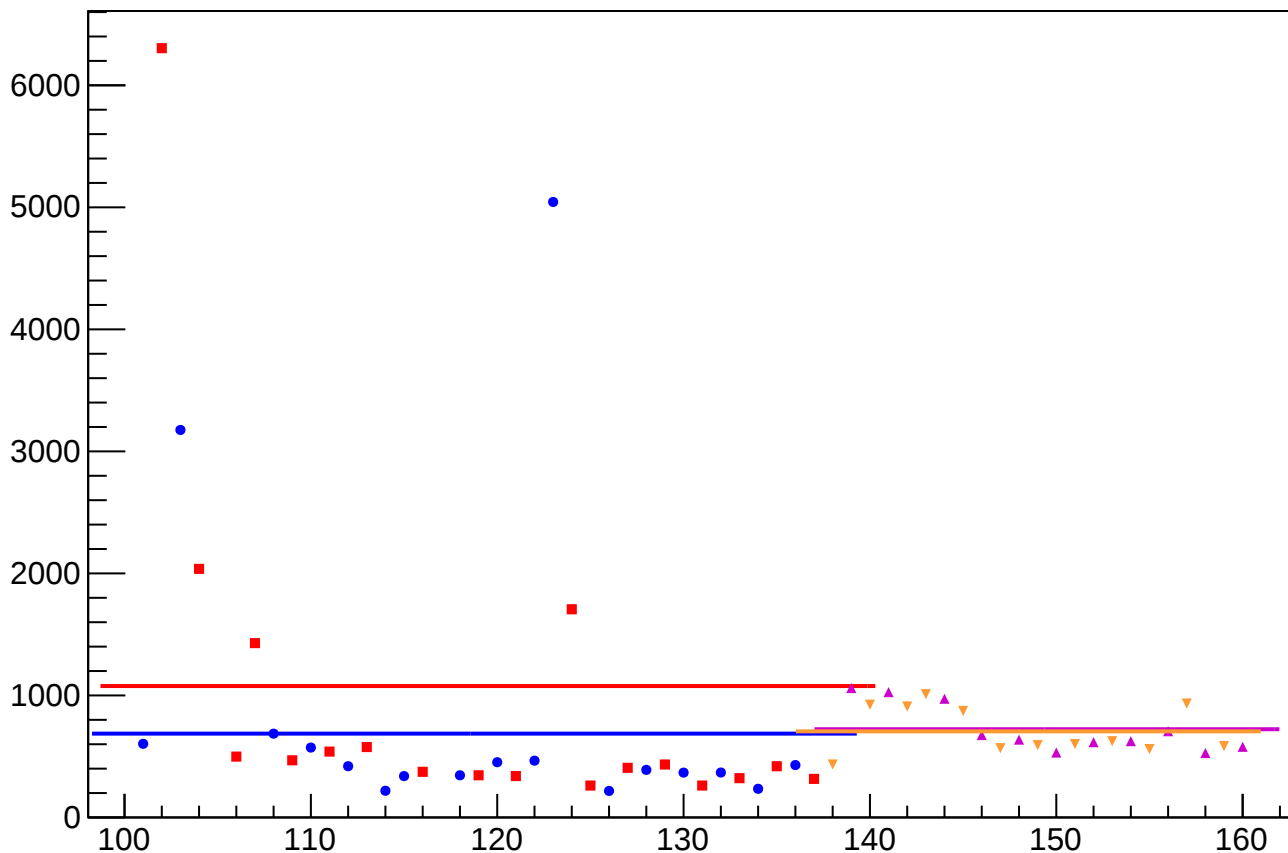
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_atl1_coil1_mean vs Slug



Right In: -10283.660+/-0.000	χ^2/NDF : 22542685724167344155071704935611221671936.0/16	+ sign -12266.797+/-0.000	χ^2/NDF : 166173225473
Left Out: -13780.875+/-0.000	χ^2/NDF : 138817330584648681822484556617162256547840.0/11	All: -13622.182+/-0.000	χ^2/NDF : 213925937
Right Out: -10700.860+/-0.000	χ^2/NDF : 17608009820774086602629870631925827239936.0/17	- sign -14940.557+/-0.000	χ^2/NDF : 4194347920816
Left In: -18189.629+/-0.000	χ^2/NDF : 1634139917822330923820252034017137786880.0/10		

dit_atl1_coil1_err_mean vs Slug



Right In: 686.989+/-0.000 χ^2/NDF : 493304193623954738914781428530632720384.0/16

Left Out: 705.686+/-0.000 χ^2/NDF : 30616664019236375652772902235296235520.0/11

Right Out: 1076.905+/-0.000 χ^2/NDF : 1898129082549914246384223466564869947392.0/17

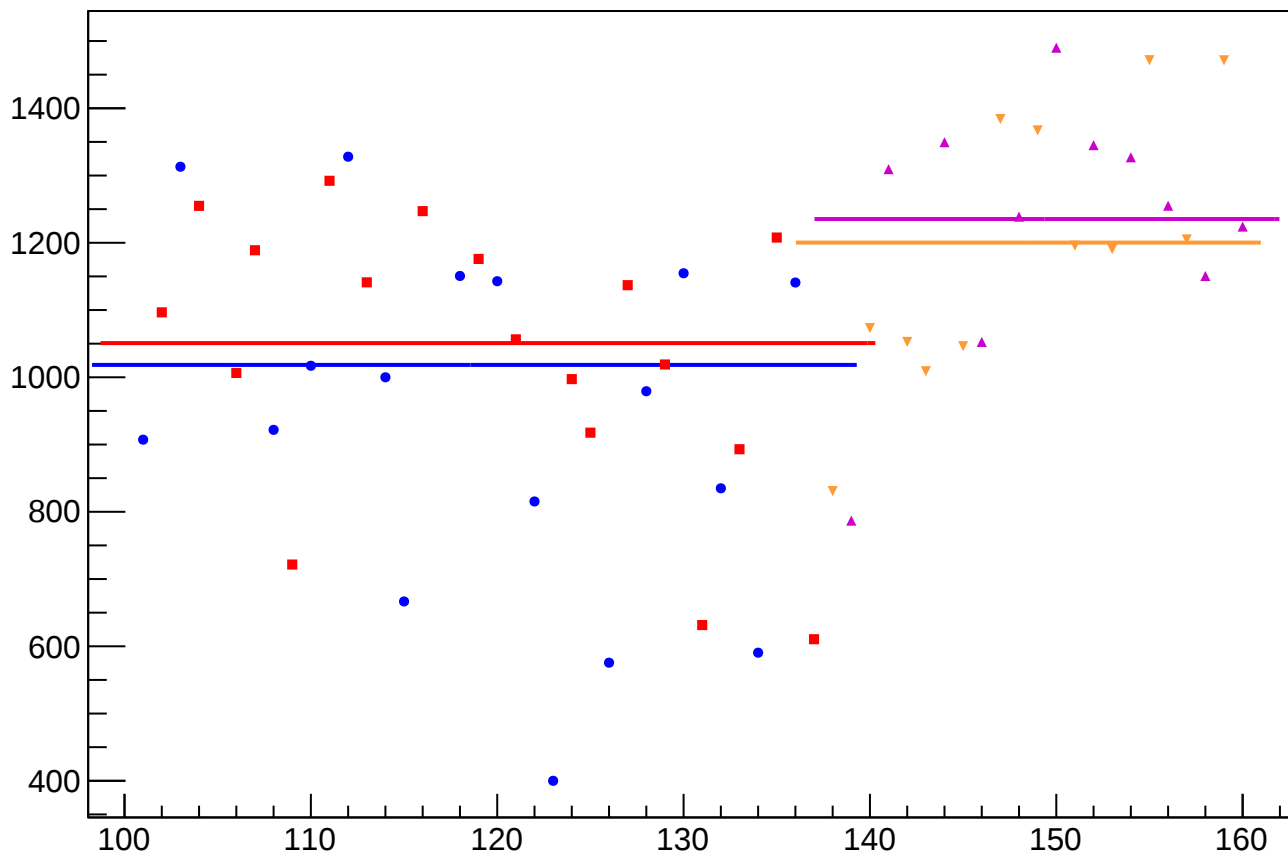
Left In: 722.981+/-0.000 χ^2/NDF : 33412765649158577967580020065397899264.0/10

All: 788.301+/-0.000 χ^2/NDF : 253232517173

+ sign 697.591+/-0.000 χ^2/NDF : 524058426538162

- sign 876.534+/-0.000 χ^2/NDF : 198224700627180

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

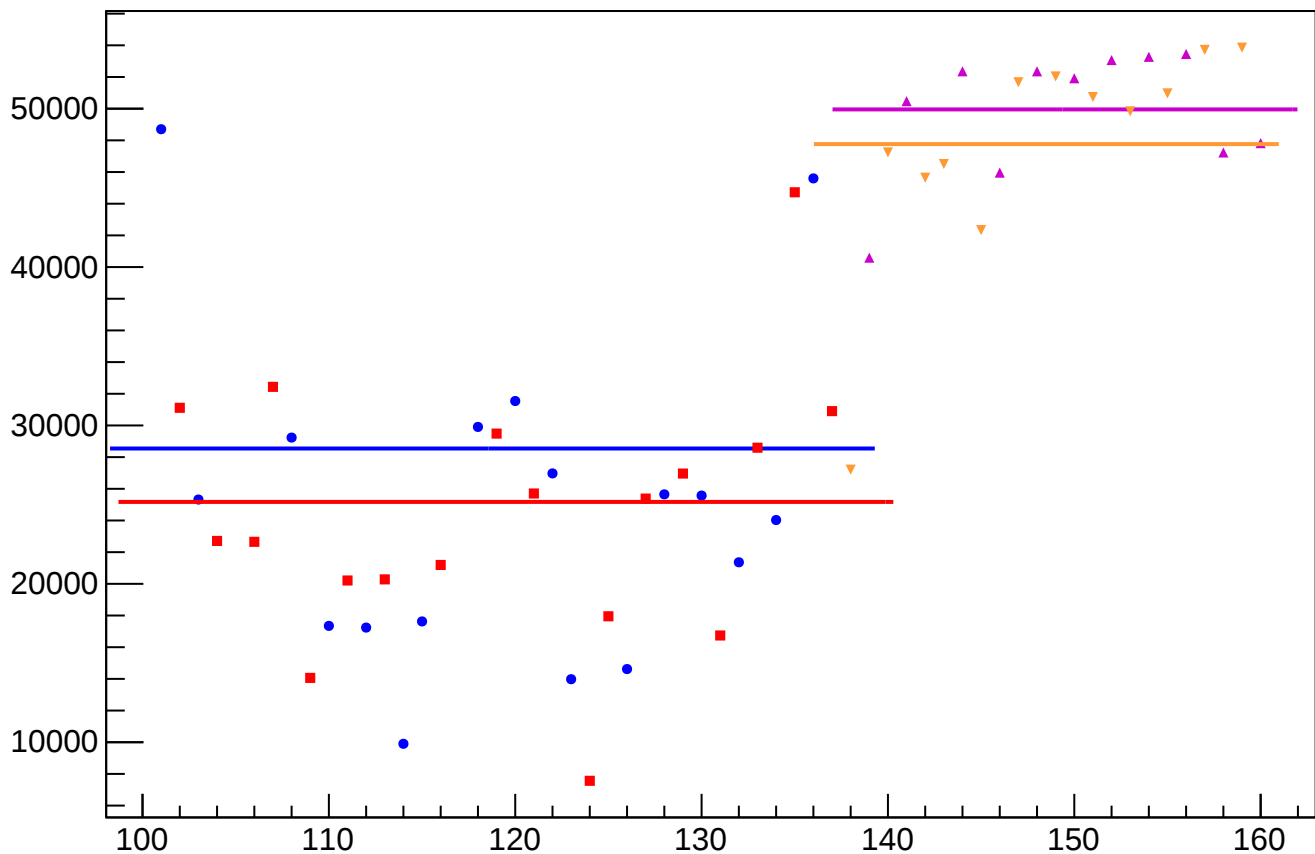
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

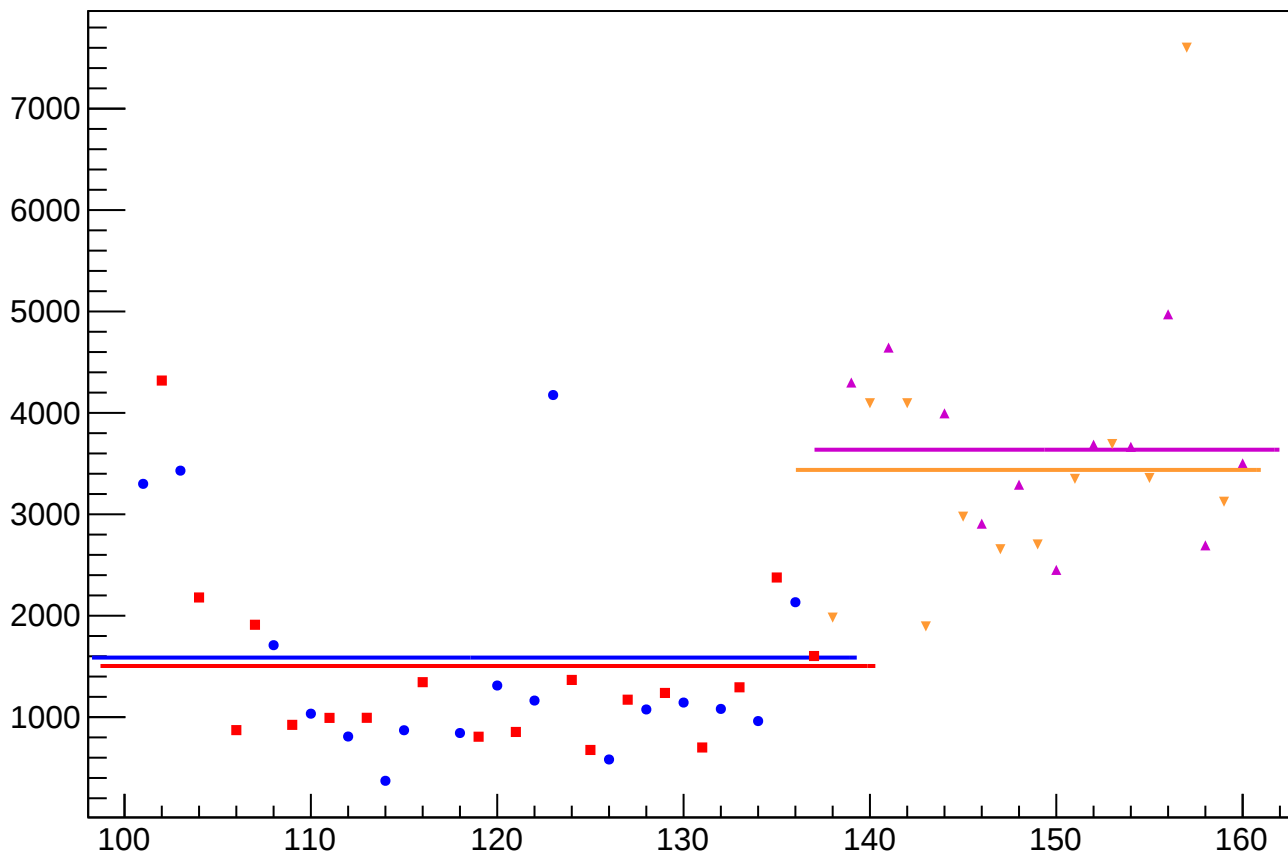
dit_atl2_coil1_mean vs Slug



Right In: 28545.088+/-0.000	χ^2/NDF : 79305503092498524397532941064889916456960.0/16
Left Out: 47763.203+/-0.000	χ^2/NDF : 45759984204233972463295715243734259990528.0/11
Right Out: 25173.072+/-0.000	χ^2/NDF : 42747079455180569490134671830323044548608.0/17
Left In: 49953.612+/-0.000	χ^2/NDF : 13577033864383990821014727544731703705600.0/10

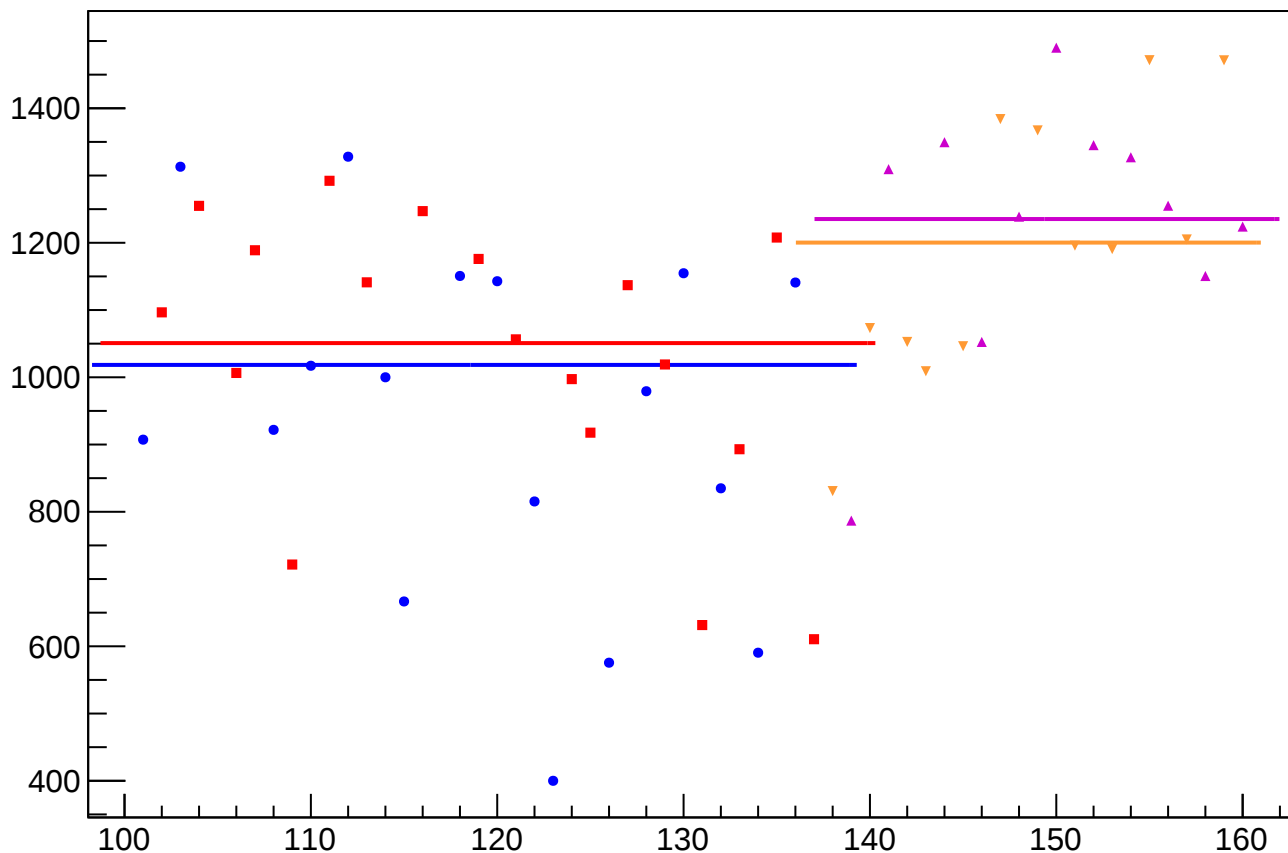
+ sign 39442.946+/-0.000 χ^2/NDF : 2704142672971
 All: 39320.981+/-0.000 χ^2/NDF : 5753572999
 - sign 39202.346+/-0.000 χ^2/NDF : 3048959929215

dit_atl2_coil1_err_mean vs Slug



Right In: 1587.187+/-0.000	χ^2/NDF : 615324434940076903003531567179686215680.0/16	+ 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

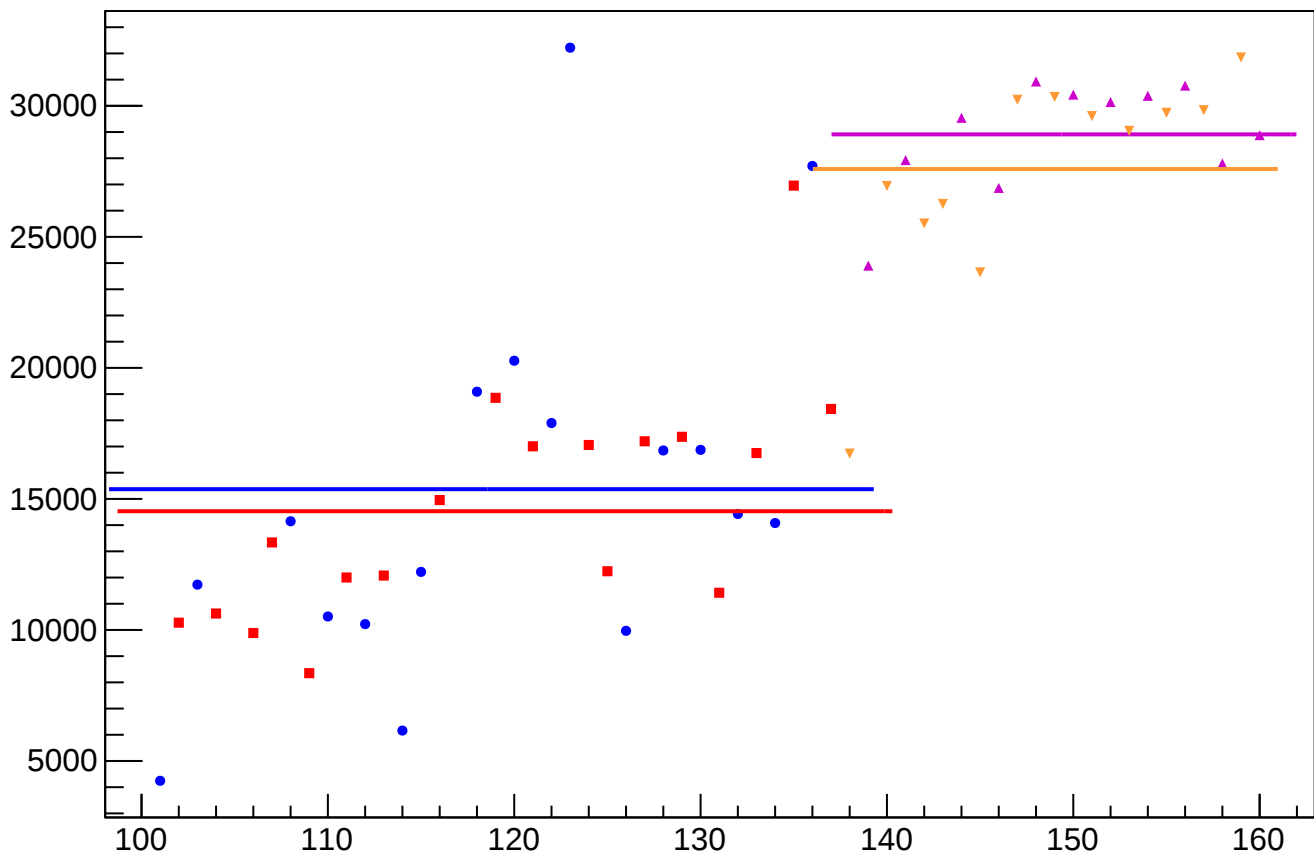
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826
All: 1138.646+/-0.000 χ^2/NDF : 15044351621
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

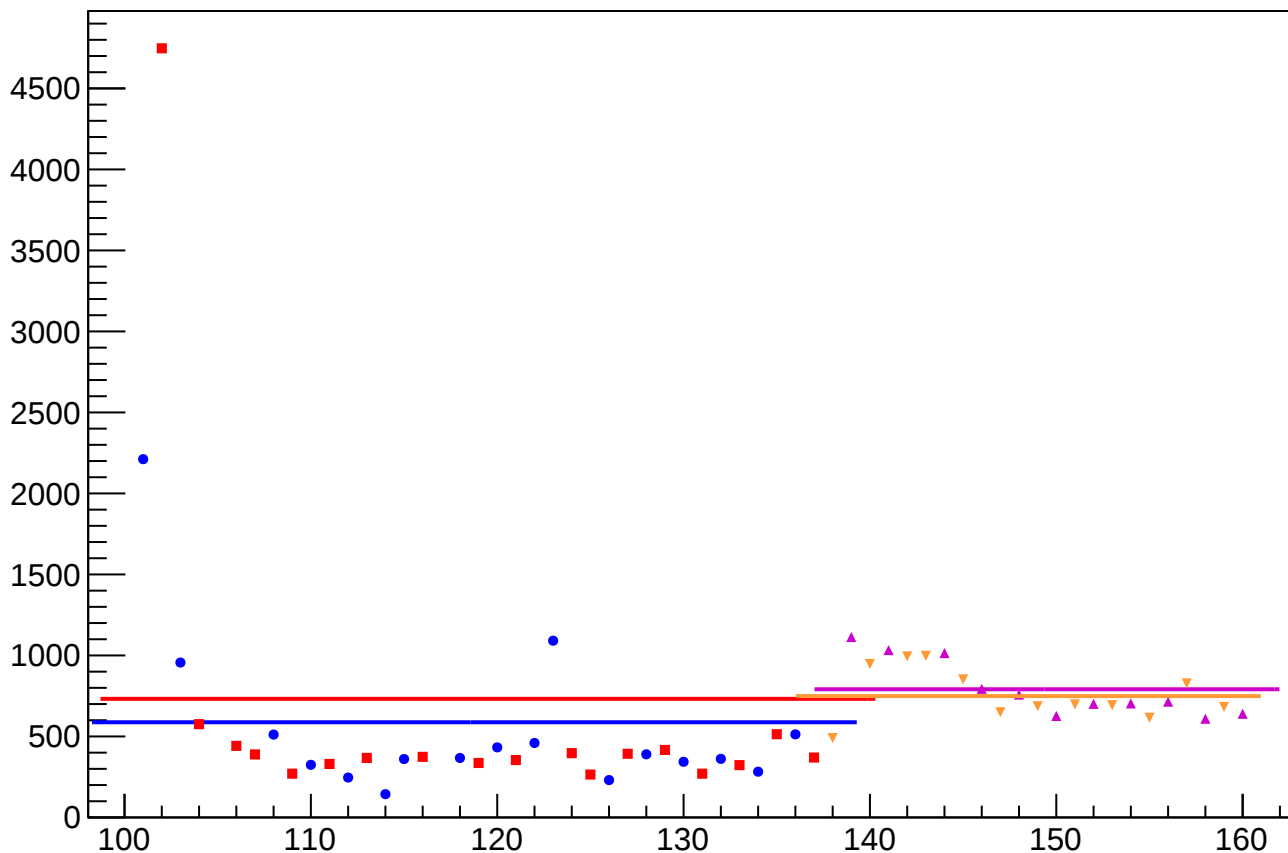
dit_atr1_coil1_mean vs Slug



Right In: 15371.957+/-0.000	χ^2/NDF : 29284474571084462407736251938608521412608.0/16
Left Out: 27590.549+/-0.000	χ^2/NDF : 14629897493361033715378591637422508867584.0/11
Right Out: 14530.553+/-0.000	χ^2/NDF : 15462988113686651104588076983529515253760.0/17
Left In: 28911.407+/-0.000	χ^2/NDF : 3750623516154684604168342640620271042560.0/10

+ sign 22300.654+/-0.000 χ^2/NDF : 1026676602092
 All: 22488.968+/-0.000 χ^2/NDF : 2057077476
 - sign 22672.141+/-0.000 χ^2/NDF : 1029279471087

dit_atr1_coil1_err_mean vs Slug



Right In: 587.577+/-0.000 χ^2/NDF : 195107984512310448986091727250308202496.0/16

Left Out: 749.082+/-0.000 χ^2/NDF : 19986493434775093751754489968960995328.0/11

Right Out: 732.166+/-0.000 χ^2/NDF : 1022613131551712750449458449642369843200.0/17

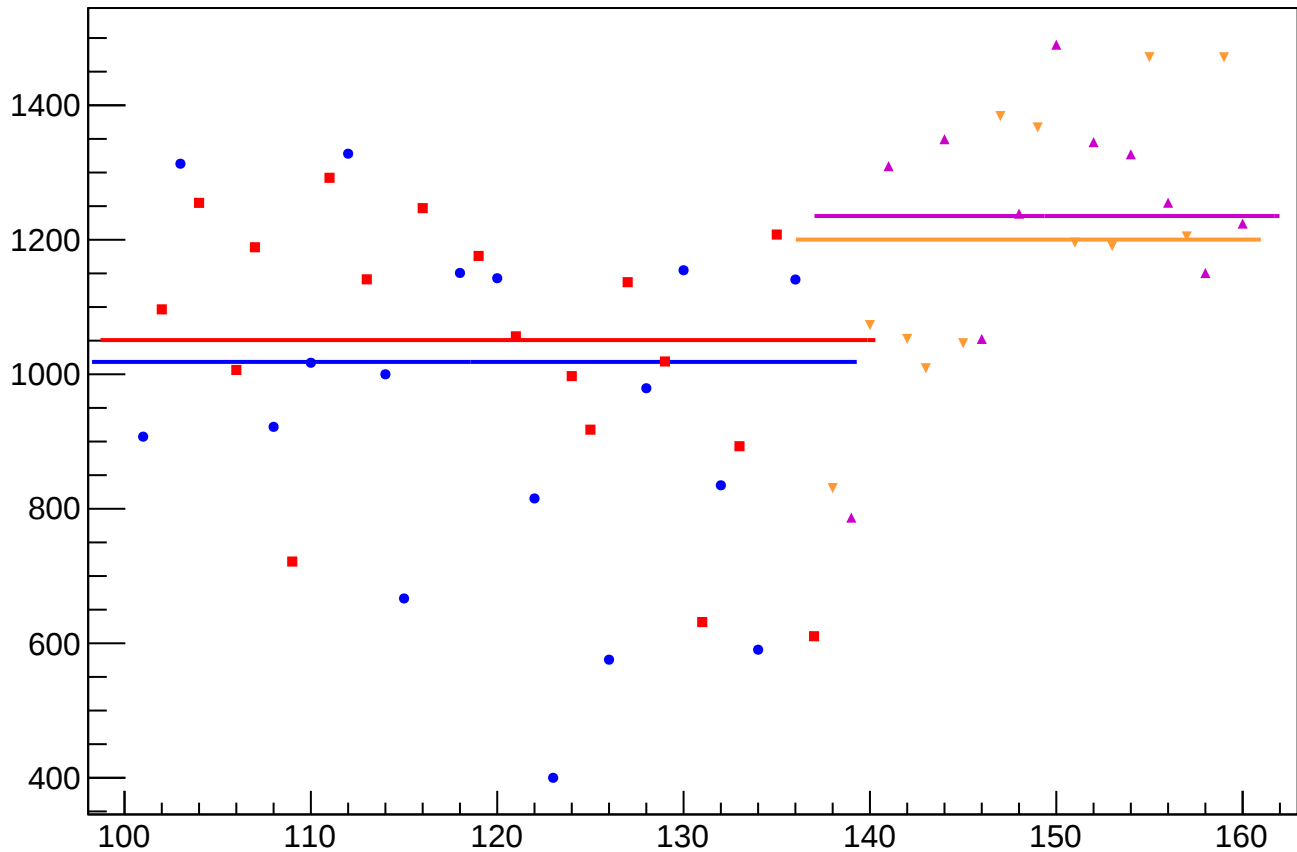
Left In: 791.279+/-0.000 χ^2/NDF : 2682259207642096711518423492795039744.0/10

+ sign 679.161+/-0.000 χ^2/NDF : 225359554725532

All: 722.995+/-0.000 χ^2/NDF : 128228574295

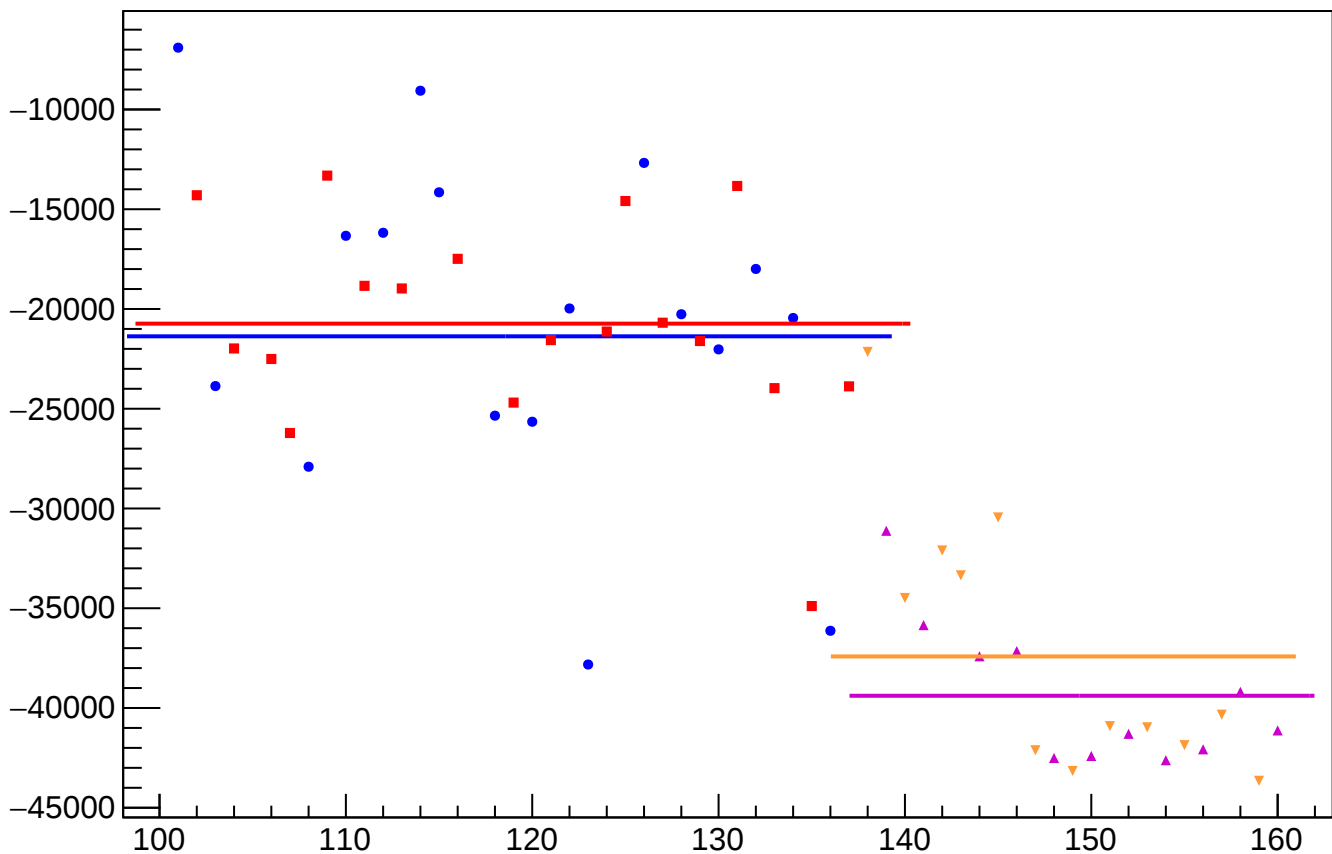
- sign 765.632+/-0.000 χ^2/NDF : 105085013802887

dit_atr1_coil1_Ndata_mean vs Slug



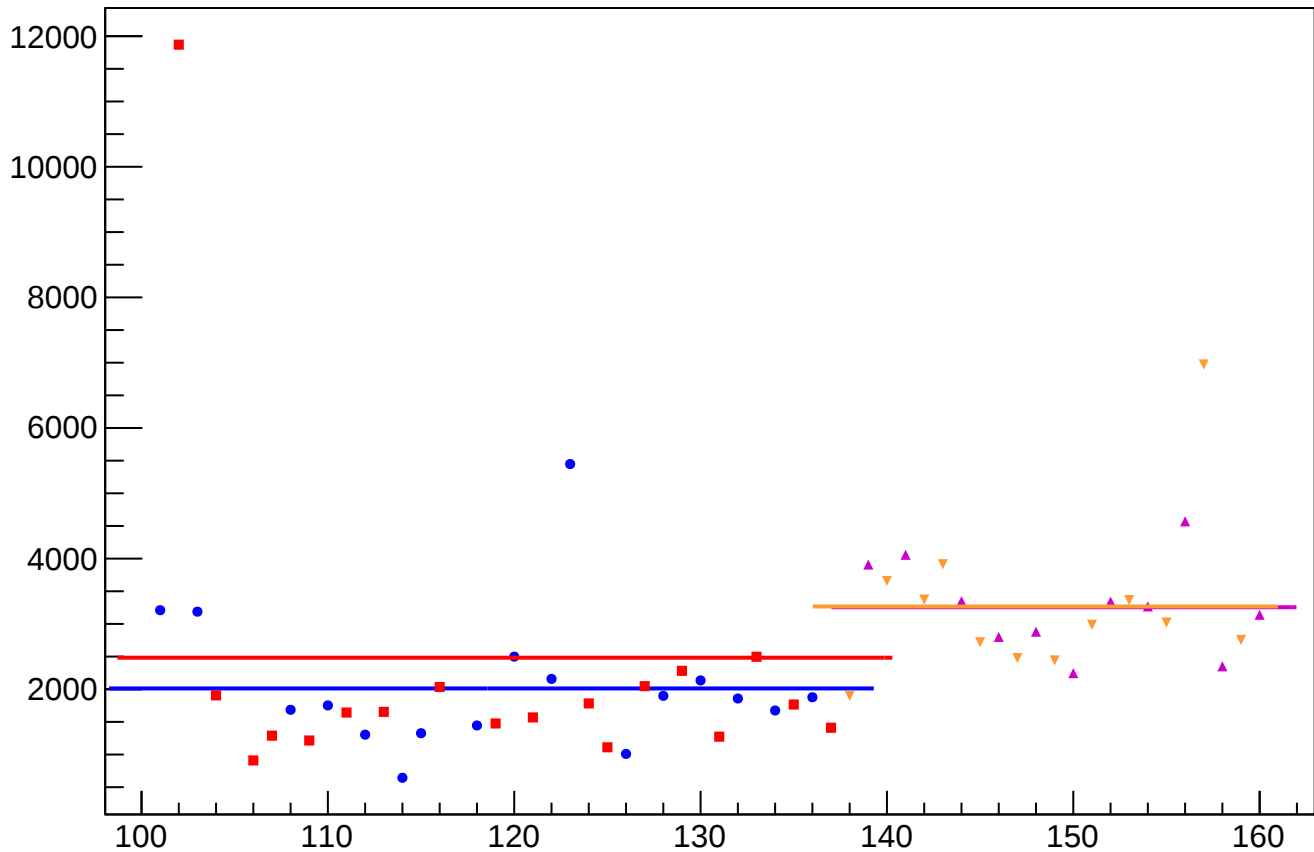
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_atr2_coil1_mean vs Slug



Right In: -21370.339 ± 0.000 $\chi^2/\text{NDF}: 44476087148423218769698830448172004802560.0/16$
 Left Out: -37415.440 ± 0.000 $\chi^2/\text{NDF}: 36893164654983701349381151569495382294528.0/11$
 Right Out: -20735.001 ± 0.000 $\chi^2/\text{NDF}: 21267884844776863671050573800564620001280.0/17$
 Left In: -39386.944 ± 0.000 $\chi^2/\text{NDF}: 11090931788233525208634627212015308898304.0/10$

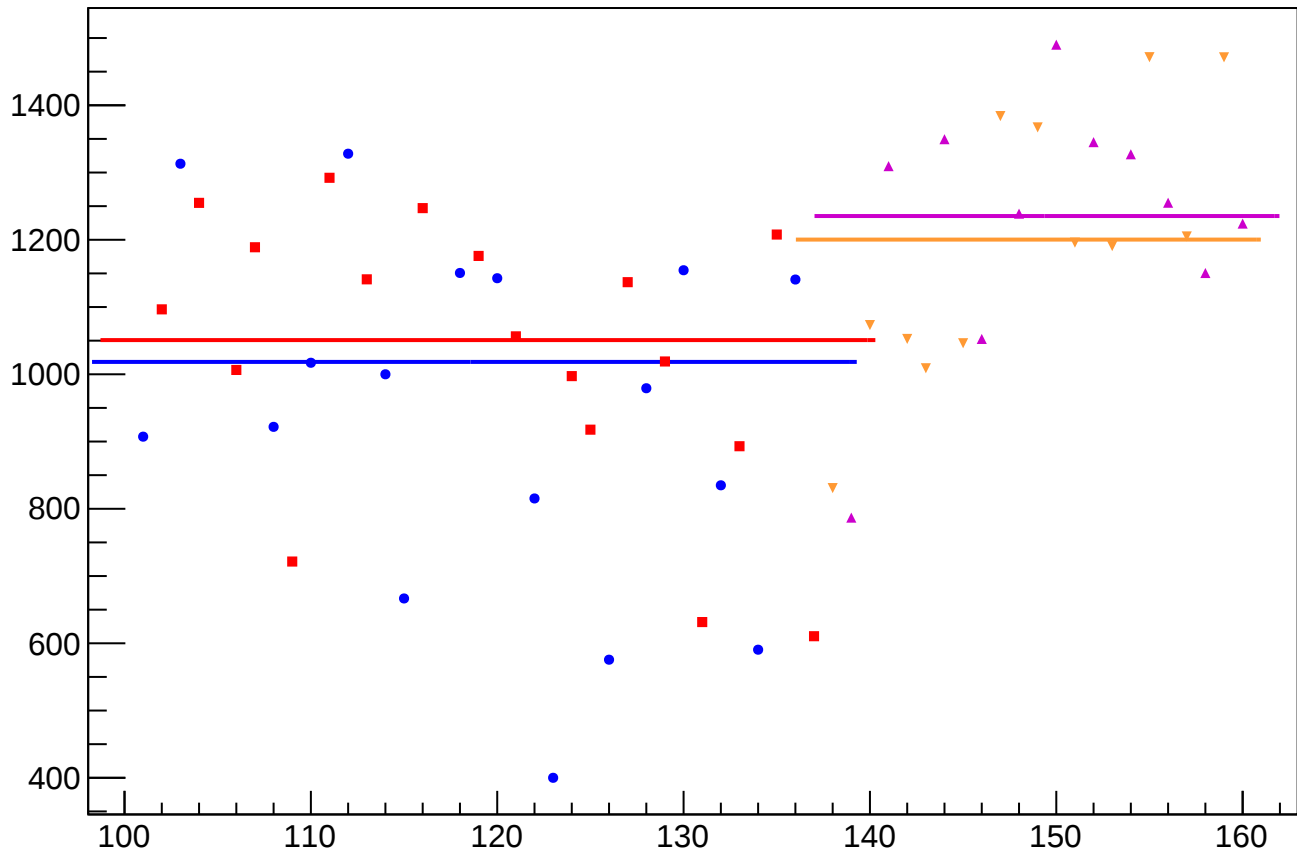
dit_atr2_coil1_err_mean vs Slug



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

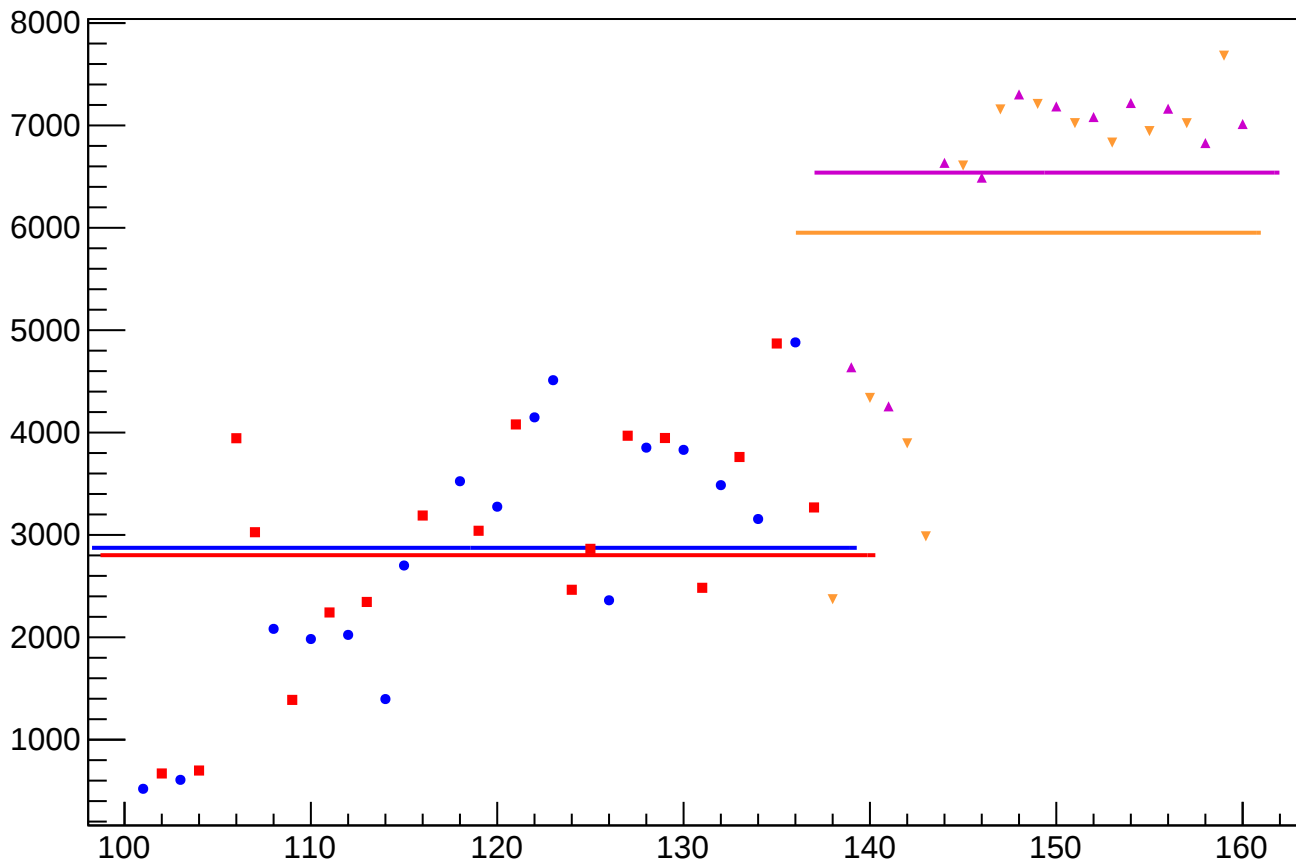
All: 2823.330+/-0.000 χ^2/NDF : 86970337453
 + sign 2723.756+/-0.000 χ^2/NDF : 23320679175919
 - sign 2920.185+/-0.000 χ^2/NDF : 63336123421308

dit_atr2_coil1_Ndata_mean vs Slug



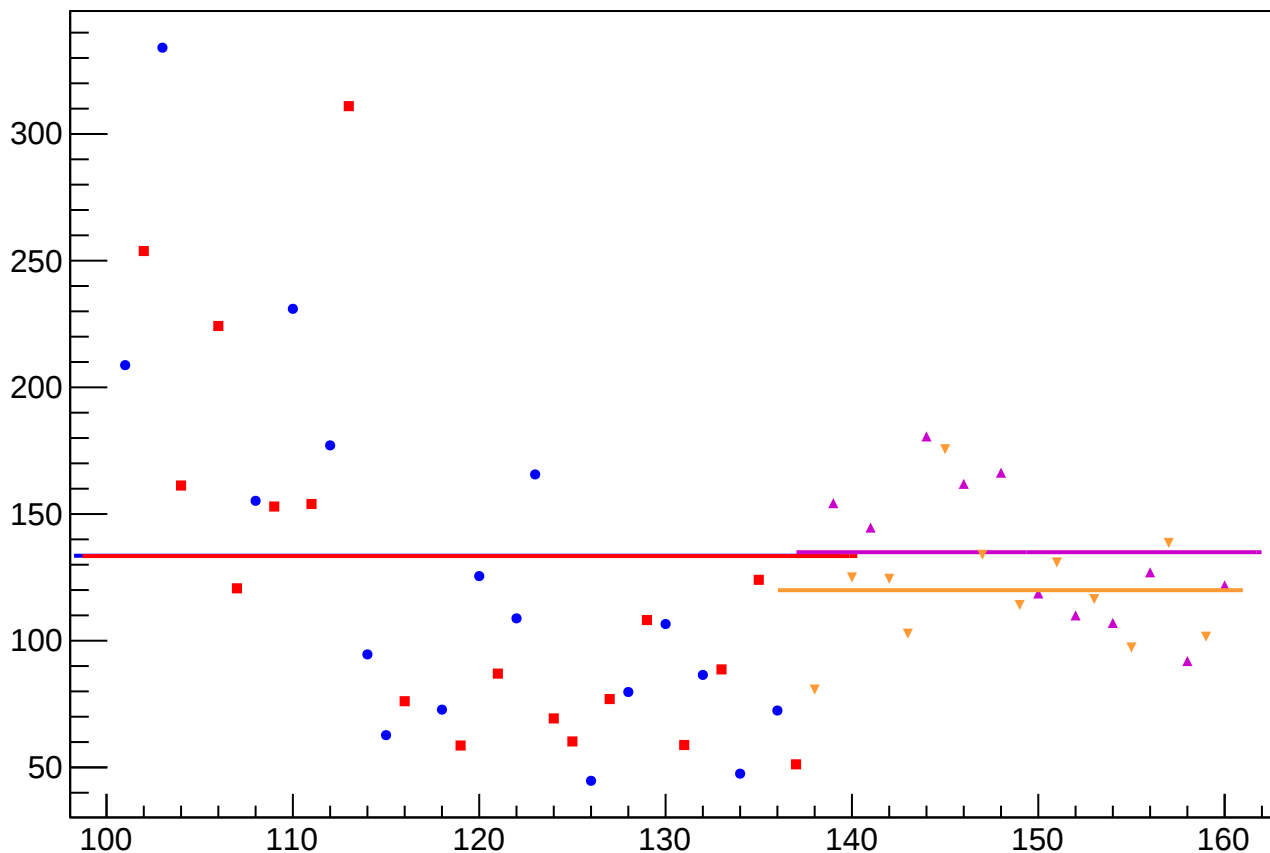
Right In: 1018.403+/-0.000	χ^2/NDF : 32778661856751386998435413517146259456.0/16	+ sign 1121.546+/-0.000	χ^2/NDF : 79823269937826
Left Out: 1200.293+/-0.000	χ^2/NDF : 34024831893478856274932660157533913088.0/11	All: 1138.646+/-0.000	χ^2/NDF : 15044351621
Right Out: 1050.842+/-0.000	χ^2/NDF : 26898078099677260392287731084448235520.0/17	- sign 1155.279+/-0.000	χ^2/NDF : 69695601034216
Left In: 1235.313+/-0.000	χ^2/NDF : 29022677529286996275047766841758842880.0/10		

dit_sam1_coil1_mean vs Slug



Right In: 2874.142+/-0.000	χ^2/NDF : 1331222919424099285024540359740568371200.0/16	+ sign 4619.518+/-0.000	χ^2/NDF : 78933086055234
Left Out: 5952.071+/-0.000	χ^2/NDF : 2833818943109615822191848442455285301248.0/11	All: 4770.709+/-0.000	χ^2/NDF : 15661205347
Right Out: 2802.151+/-0.000	χ^2/NDF : 1095477572477657195402092119674444578816.0/17	- sign 4917.772+/-0.000	χ^2/NDF : 76956123703535
Left In: 6539.067+/-0.000	χ^2/NDF : 947421211454184627704546632992611631104.0/10		

dit_sam1_coil1_err_mean vs Slug



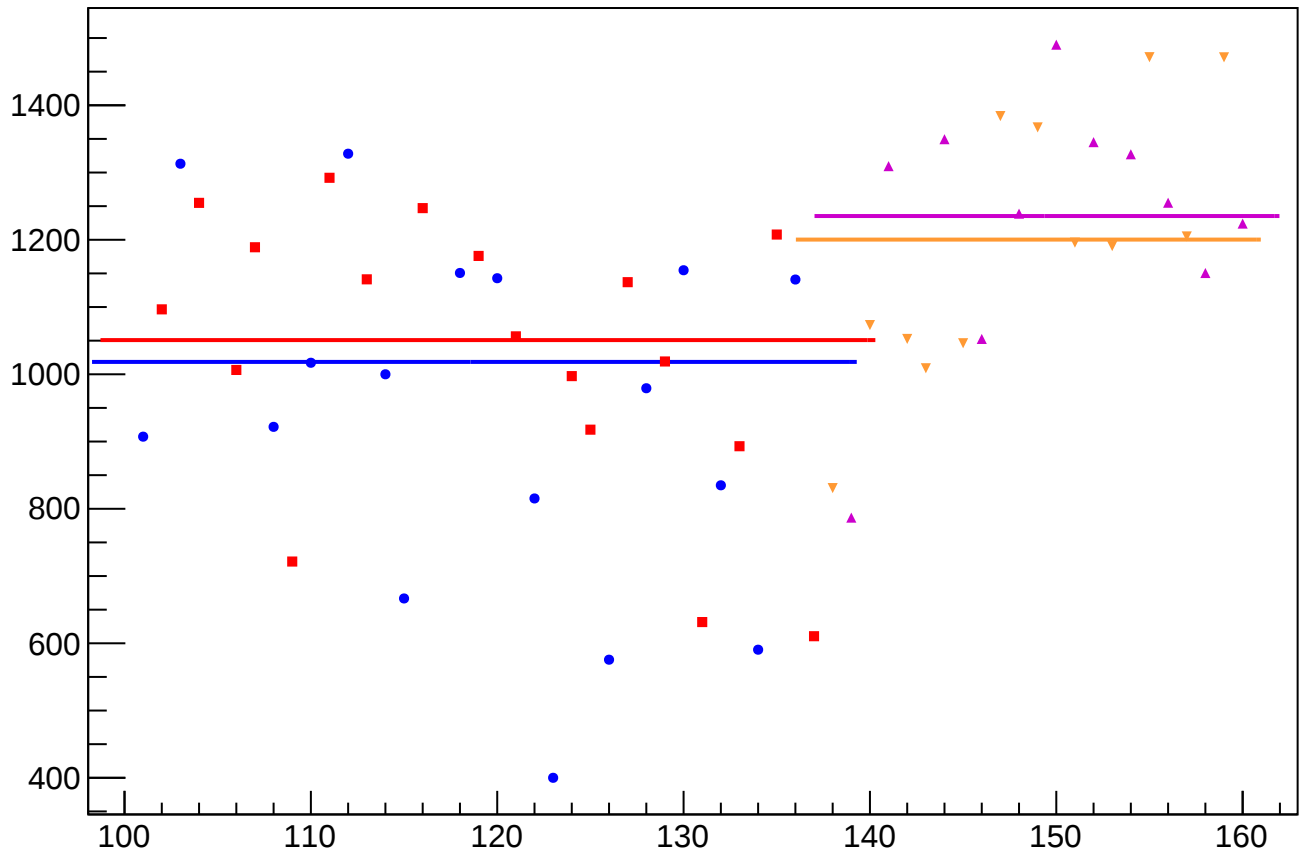
Right In: 133.542+/-0.000 χ^2/NDF : 4543635536863363524362136904007680000.0/16

Left Out: 119.938+/-0.000 χ^2/NDF : 506287177502147090737971040893272064.0/11

Right Out: 133.414+/-0.000 χ^2/NDF : 3923674220000100911612282920536899584.0/17

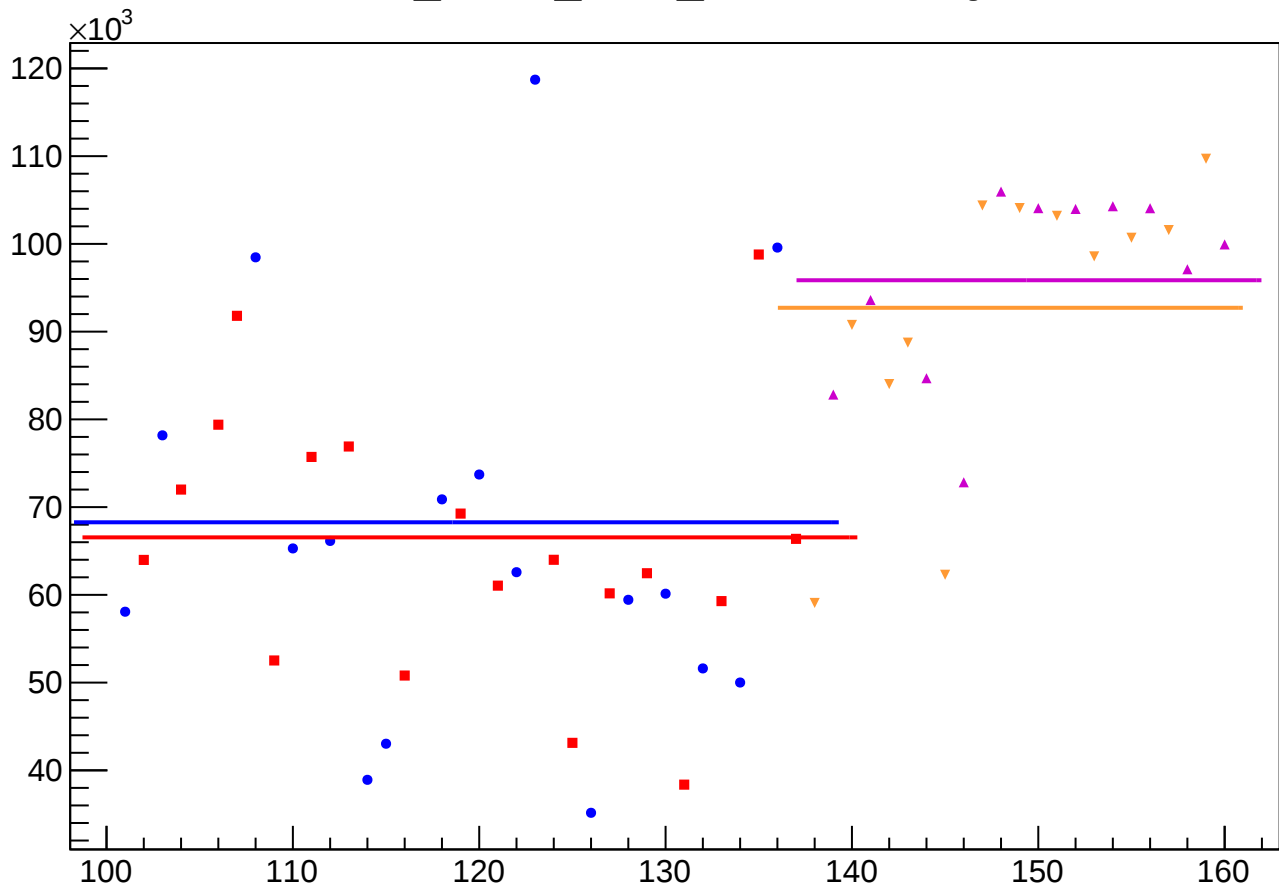
Left In: 134.936+/-0.000 χ^2/NDF : 683742897306443646966443406983692288.0/10

dit_sam1_coil1_Ndata_mean vs Slug



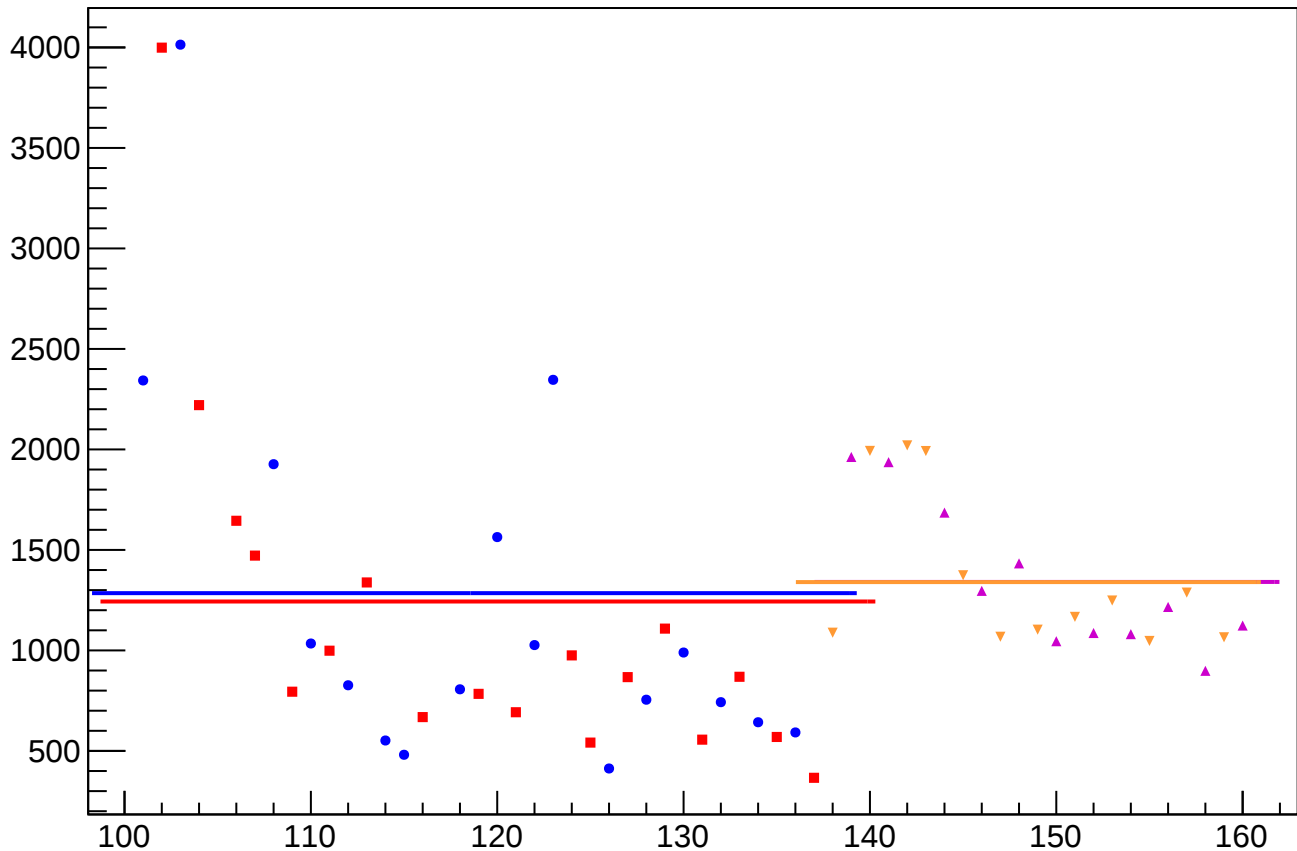
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_sam2_coil1_mean vs Slug



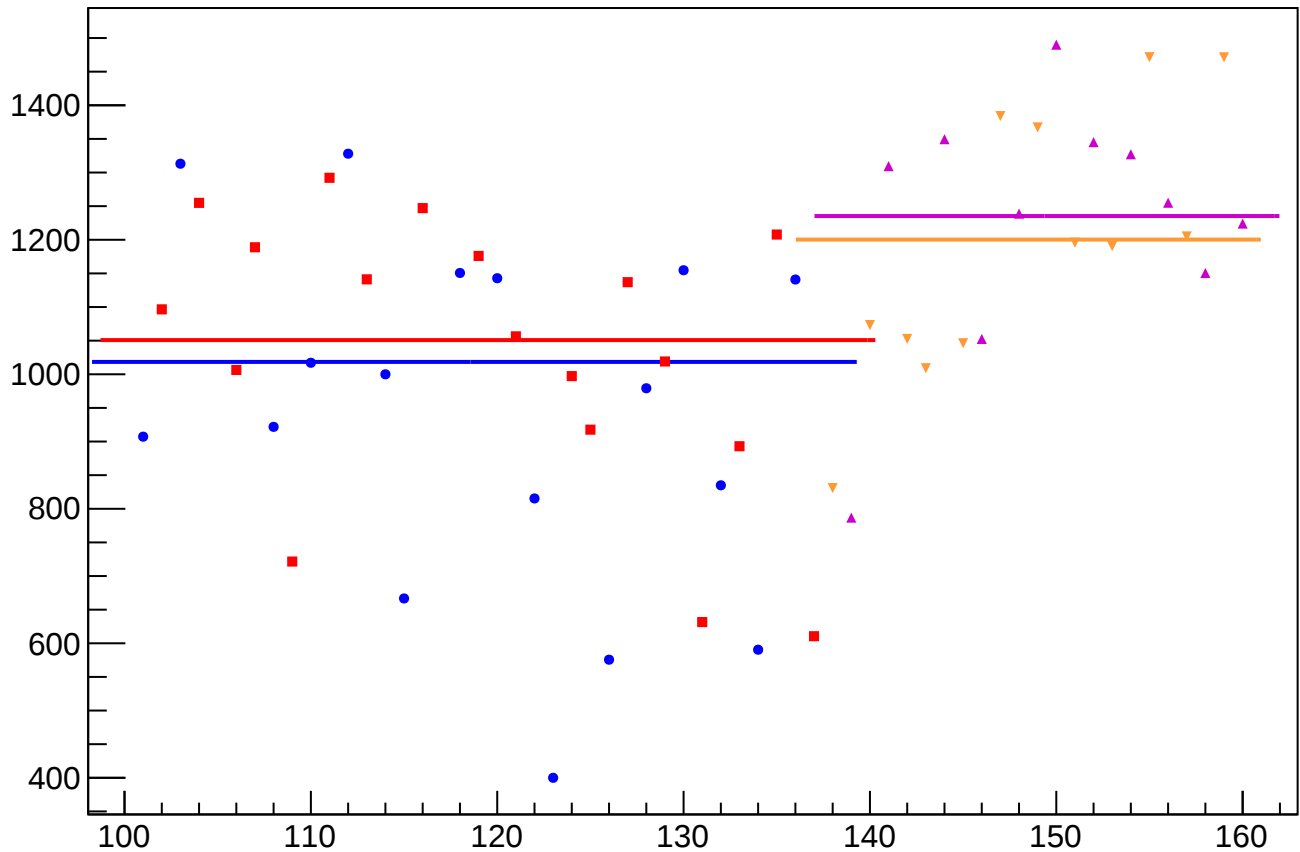
Right In: 68271.144+/-0.000 χ^2/NDF : 235026660939690757848337831565145453625344.0/16
 Left Out: 92717.908+/-0.000 χ^2/NDF : 232153760216632352324453742795605416083456.0/11
 Right Out: 66552.333+/-0.000 χ^2/NDF : 160169834970936771160063883899631076114432.0/17
 Left In: 95856.790+/-0.000 χ^2/NDF : 102994954285402902924974022528111745171456.0/10

dit_sam2_coil1_err_mean vs Slug



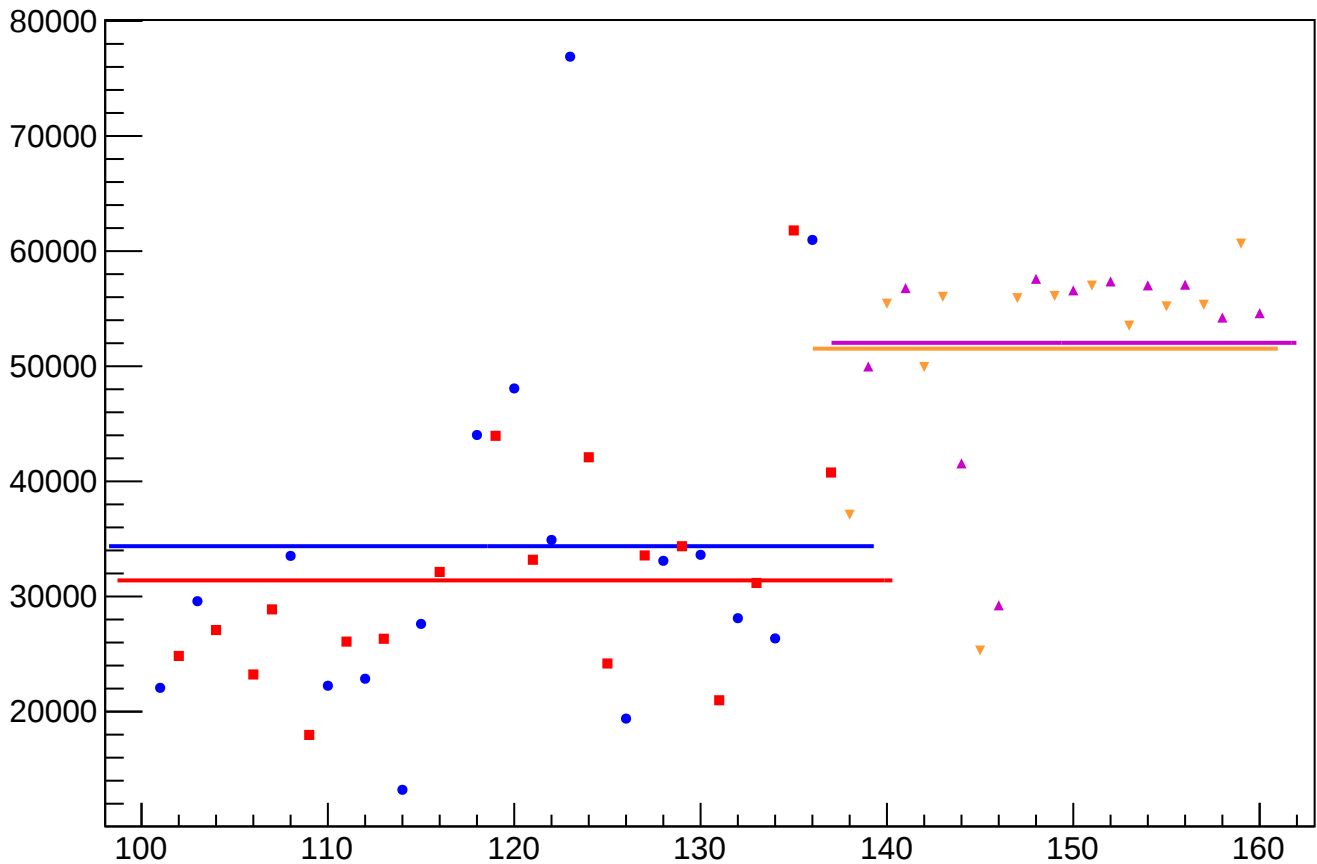
Right In: 1284.940 $\pm$ 0.000 χ^2/NDF : 683539831030777721568567692799915327488.0/16
 Left Out: 1340.000 $\pm$ 0.000 χ^2/NDF : 116326245376352875631706190484755972096.0/11
 Right Out: 1243.357 $\pm$ 0.000 χ^2/NDF : 625737092307119238017872949095807582208.0/17
 Left In: 1340.697 $\pm$ 0.000 χ^2/NDF : 113497084889581869864754089979493220352.0/10

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

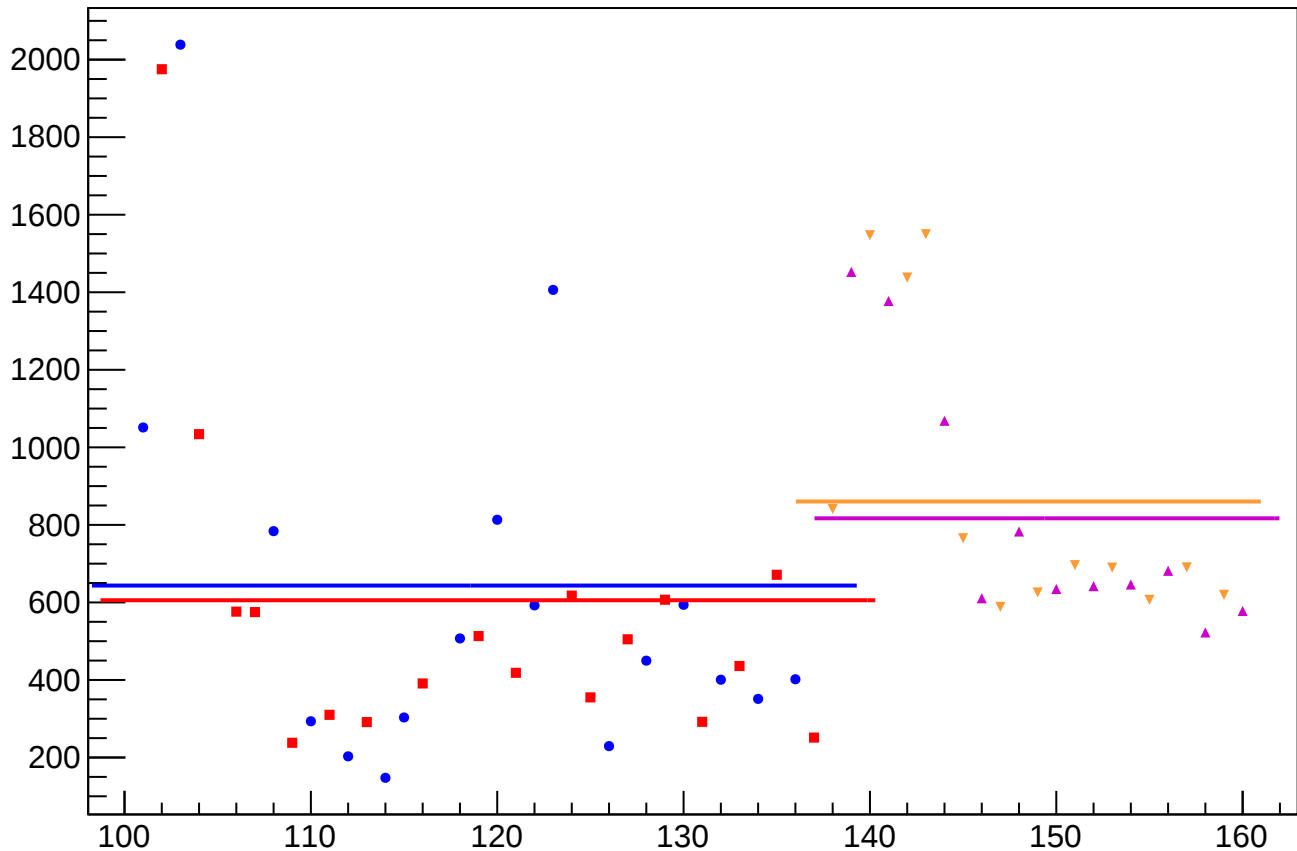
dit_sam3_coil1_mean vs Slug



Right In: 34369.403+/-0.000	χ^2/NDF : 121175034584498762854553117020903178240000.0/16
Left Out: 51528.453+/-0.000	χ^2/NDF : 87309132481343179098596905129114857373696.0/11
Right Out: 31397.869+/-0.000	χ^2/NDF : 79791187049723357576303825736183029170176.0/17
Left In: 52033.522+/-0.000	χ^2/NDF : 67338083803269731476711249699025786503168.0/10

+ sign 44099.644+/-0.000 χ^2/NDF : 3243555748112
 All: 43583.046+/-0.000 χ^2/NDF : 6447008327
 - sign 43080.553+/-0.000 χ^2/NDF : 3195013417479

dit_sam3_coil1_err_mean vs Slug



Right In: 643.513+/-0.000 χ^2/NDF : 166606755510131009794947888972916850688.0/16

Left Out: 860.333+/-0.000 χ^2/NDF : 113447619211020210726400023771184365568.0/11

Right Out: 605.599+/-0.000 χ^2/NDF : 146641318103644748879900892058773094400.0/17

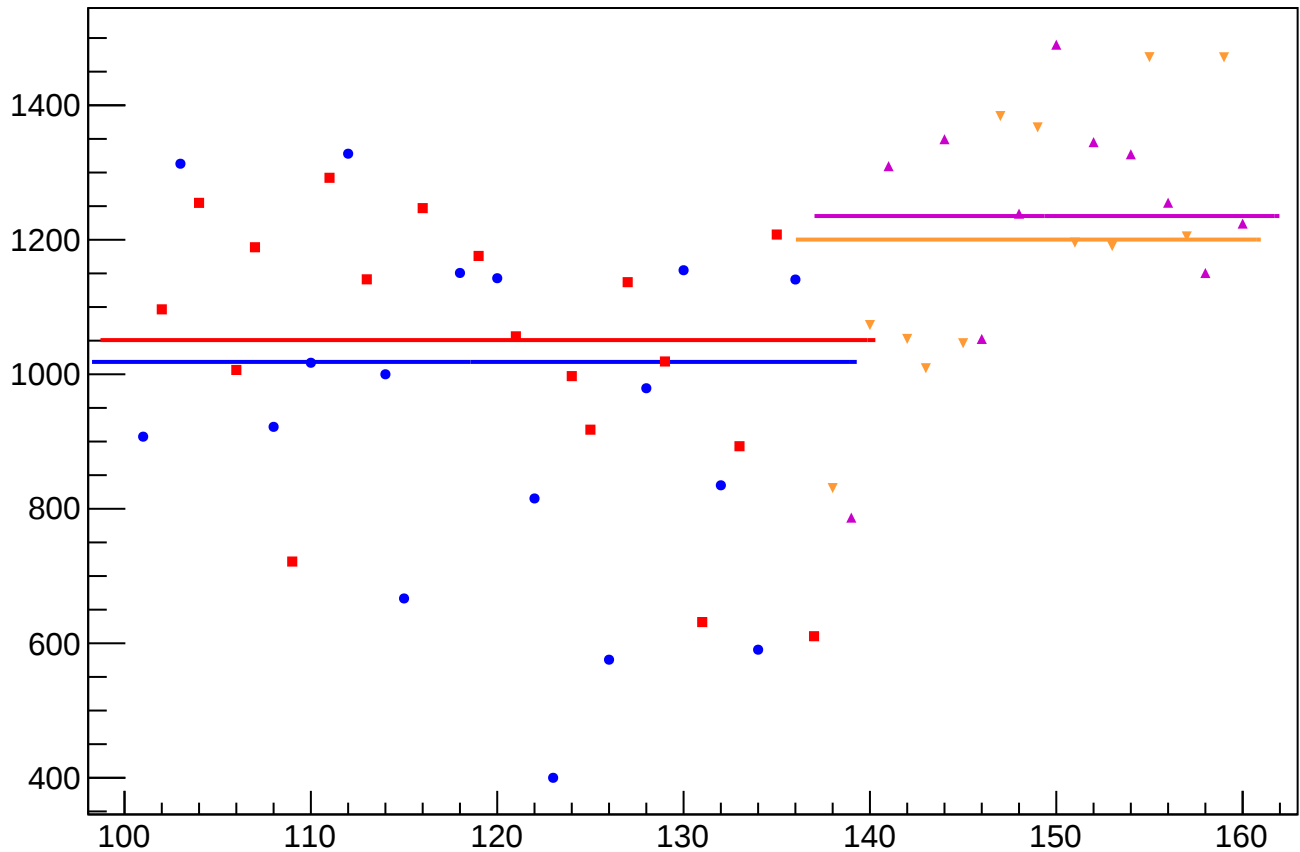
Left In: 816.958+/-0.000 χ^2/NDF : 90193686816714640570749106655187697664.0/10

+ sign 766.464+/-0.000 χ^2/NDF : 298555143220356

All: 745.576+/-0.000 χ^2/NDF : 554852876673

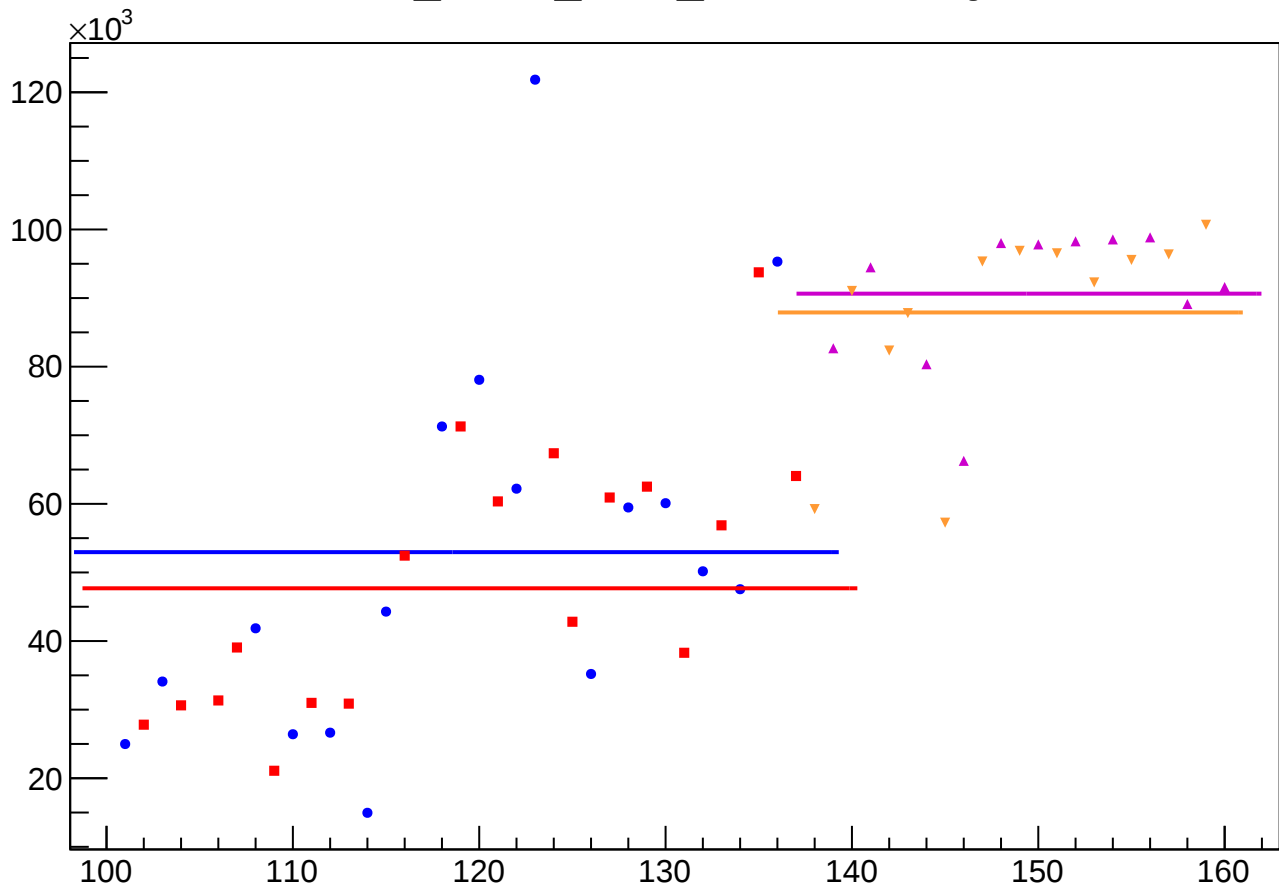
- sign 725.258+/-0.000 χ^2/NDF : 254918032324737

dit_sam3_coil1_Ndata_mean vs Slug



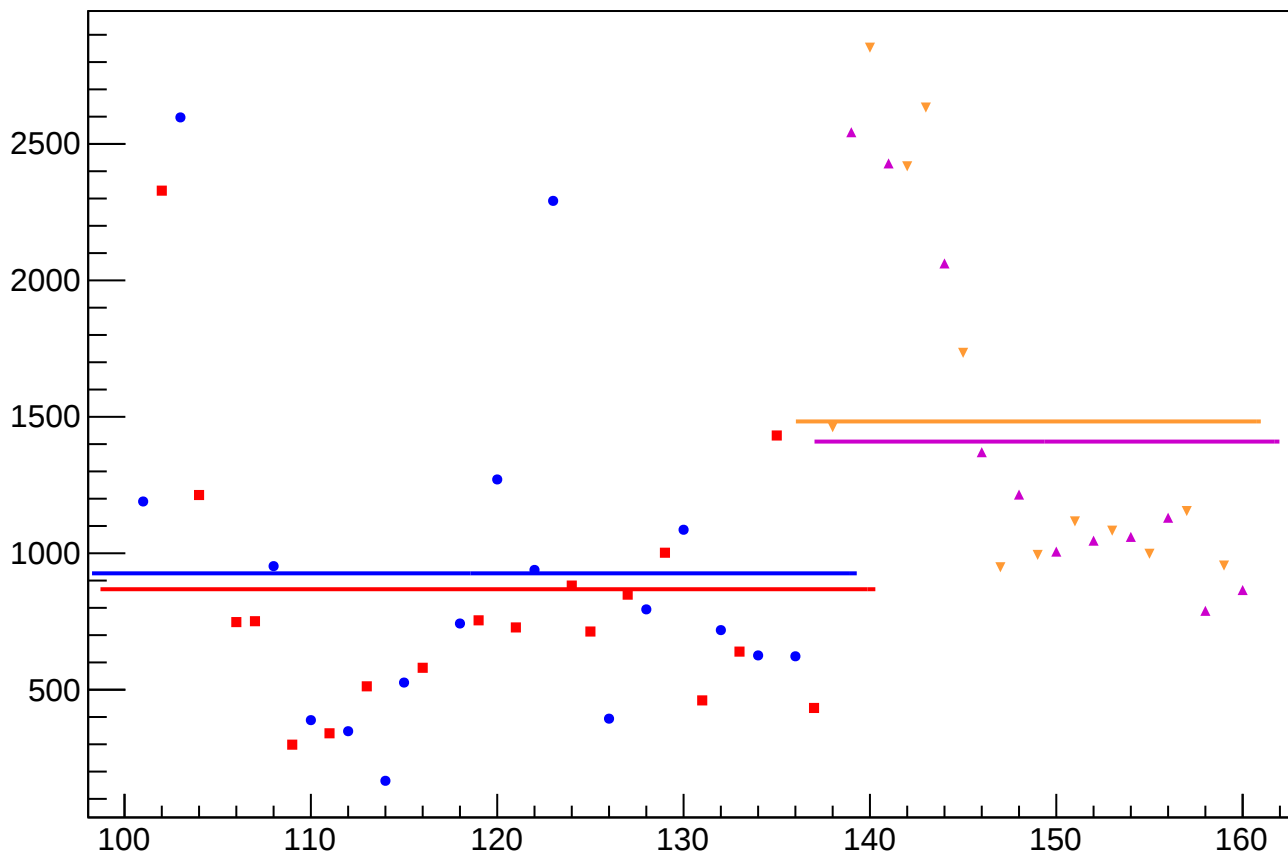
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam4_coil1_mean vs Slug



Right In: 52960.923+/-0.000 χ^2/NDF : 388091282862865702902242590456549457526784.0/16
 Left Out: 87902.834+/-0.000 χ^2/NDF : 181078064018170990794226695799487636439040.0/11
 Right Out: 47689.948+/-0.000 χ^2/NDF : 282811495062805394257124892434373518819328.0/17
 Left In: 90642.606+/-0.000 χ^2/NDF : 90652199115187667262863496655433124282368.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 926.486+/-0.000 χ^2/NDF : 243573676873909042150690872266806263808.0/16

Left Out: 1483.109+/-0.000 χ^2/NDF : 403083502170691493450426839772184969216.0/11

Right Out: 868.248+/-0.000 χ^2/NDF : 197961184826469333991871261895452262400.0/17

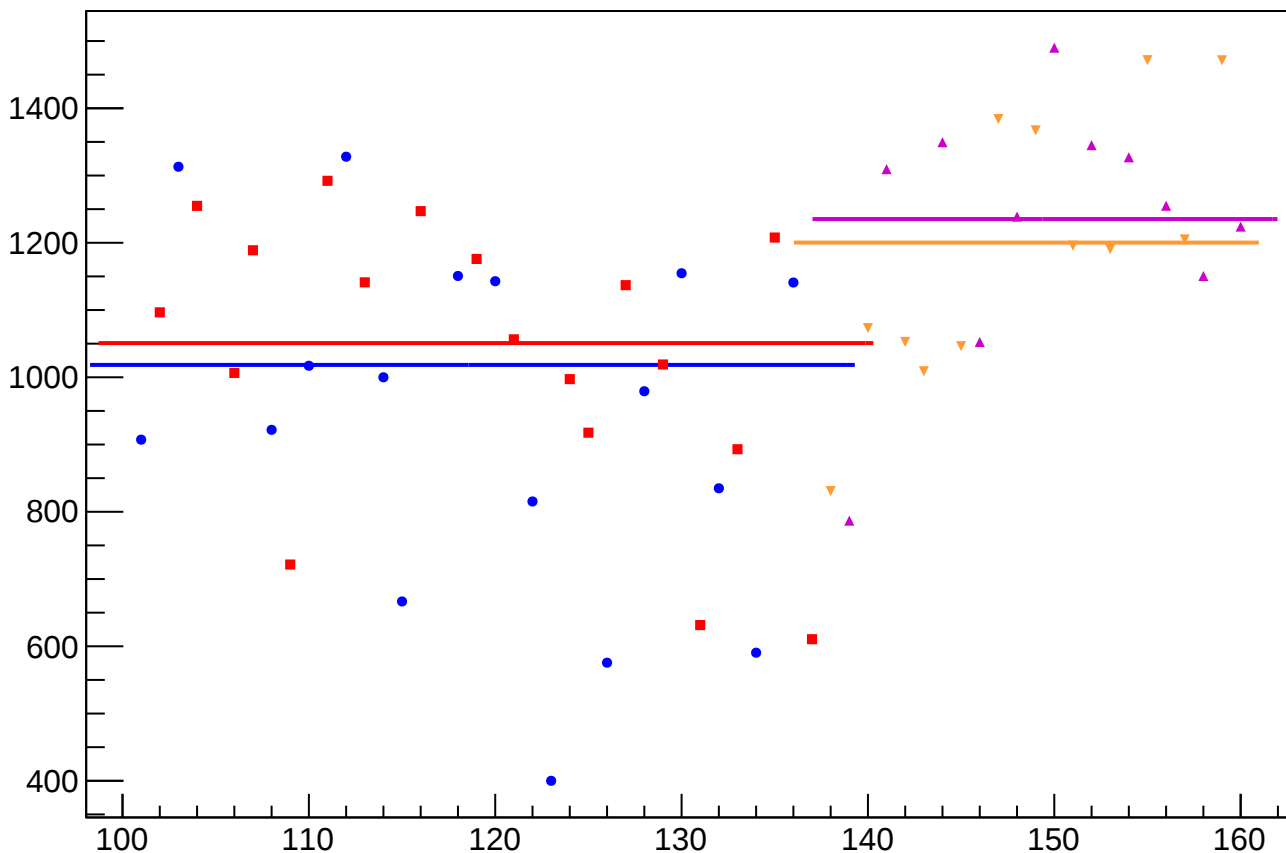
Left In: 1409.297+/-0.000 χ^2/NDF : 332711527563971352496330414058593320960.0/10

+ sign 1242.126+/-0.000 χ^2/NDF : 76858756839410

All: 1207.874+/-0.000 χ^2/NDF : 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

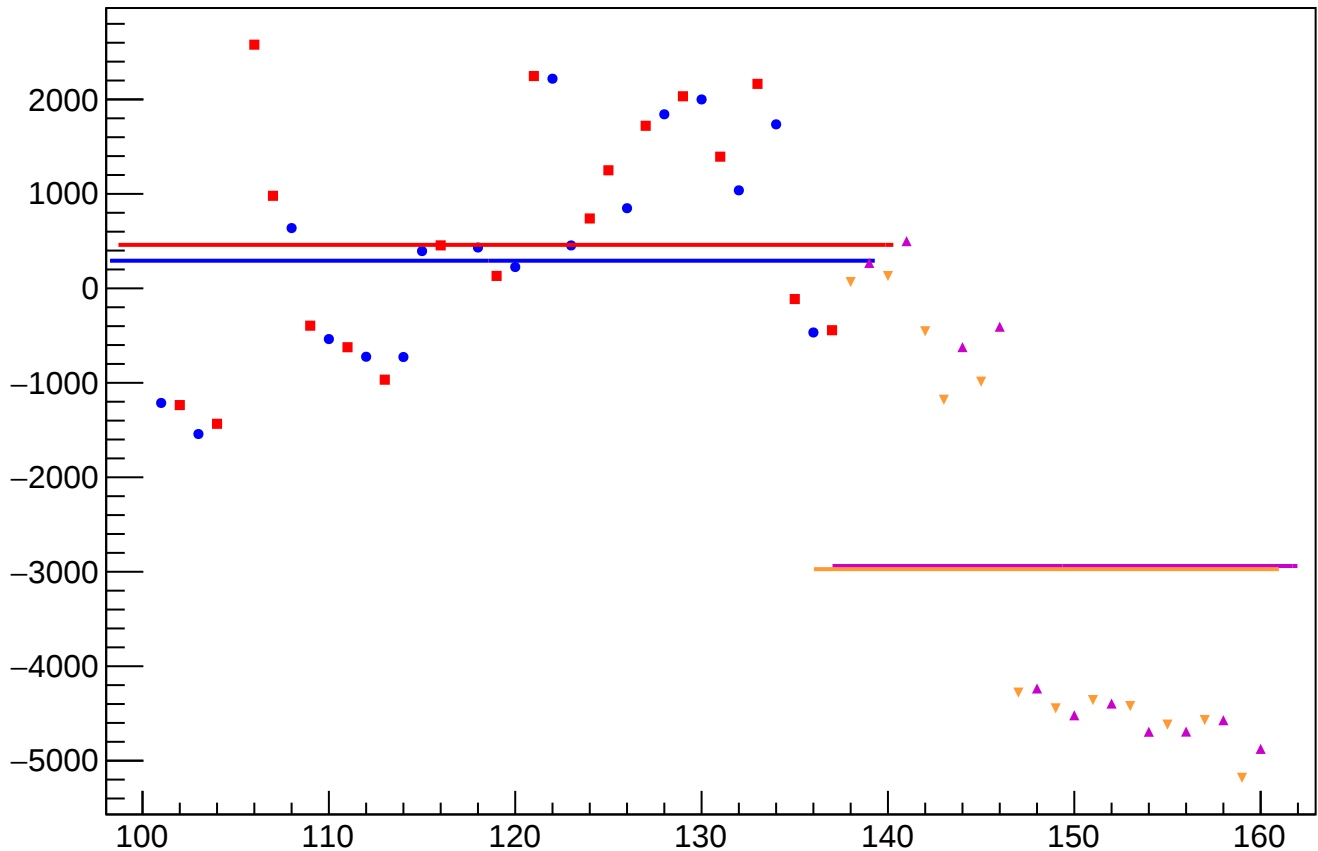
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ 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

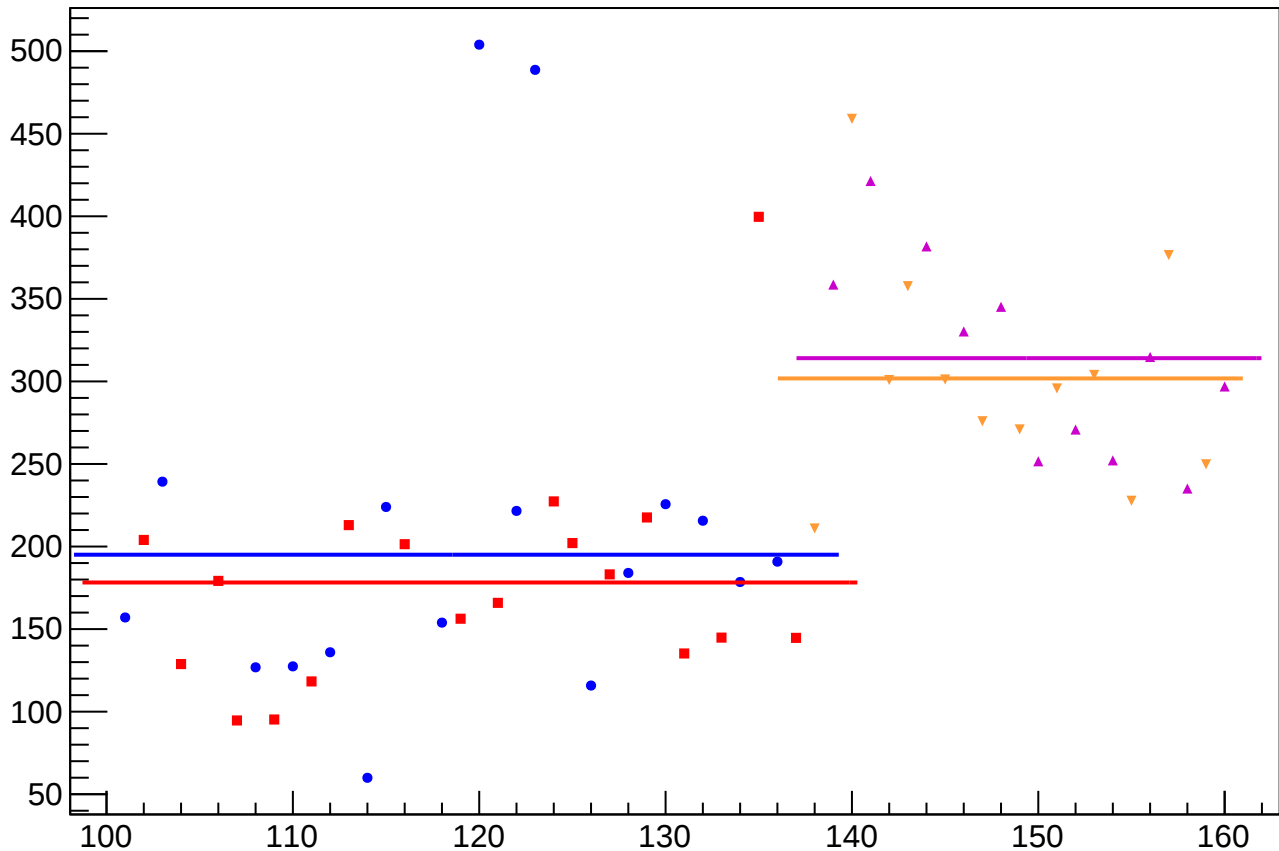
All: -1510.775+/-0.000 χ^2/NDF : 1927756416

Right Out: 460.444+/-0.000 χ^2/NDF : 1195390620297922800798852366593102446592.0/17

- sign -1464.096+/-0.000 χ^2/NDF : 10321454832084

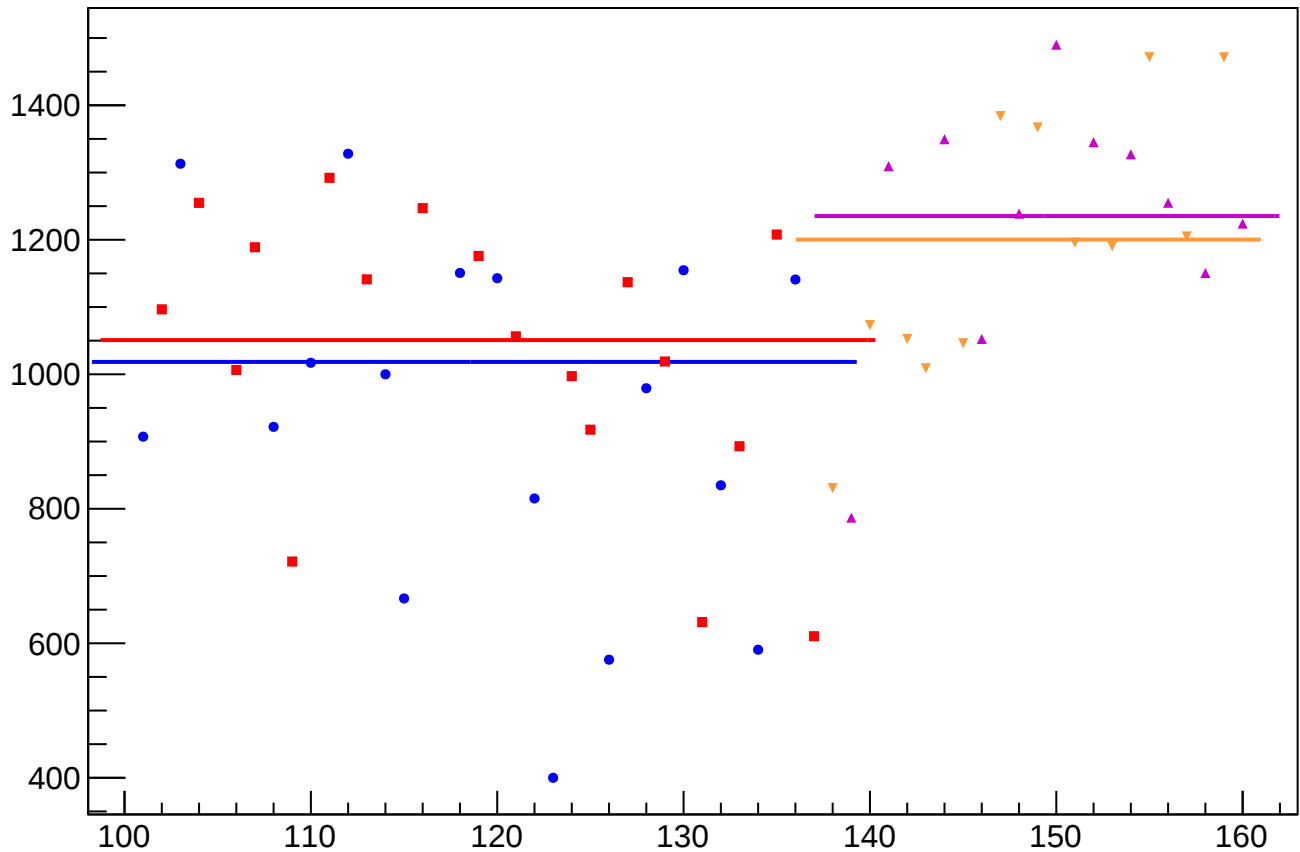
Left In: -2938.958+/-0.000 χ^2/NDF : 4448330371719931217957339295057738465280.0/10

dit_sam5_coil1_err_mean vs Slug



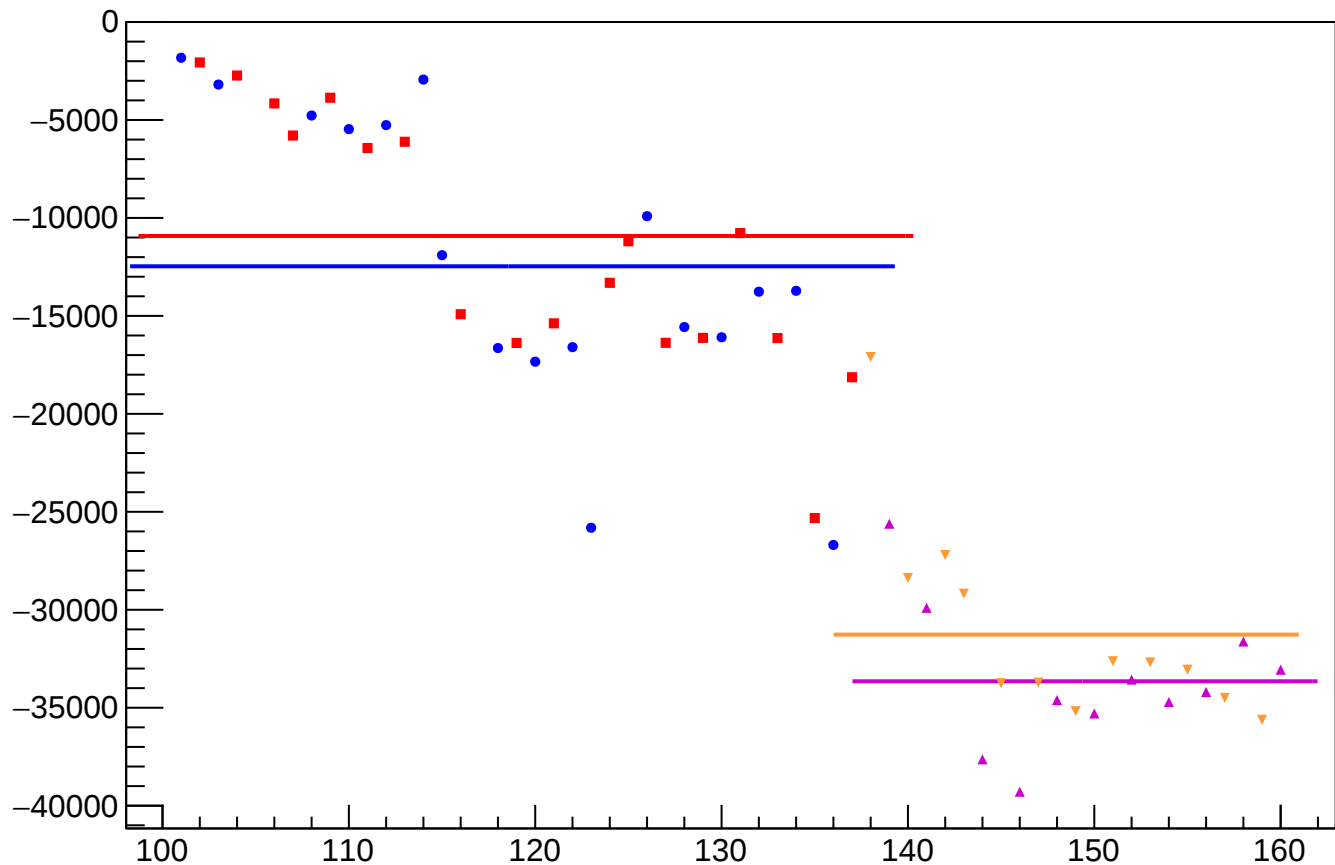
Right In: 195.049+/-0.000	χ^2/NDF : 5080024494184824251769530857650388992.0/16	+ sign 255.586+/-0.000	χ^2/NDF : 136491698964325
Left Out: 301.805+/-0.000	χ^2/NDF : 4084053009607102608824389490062655488.0/11	All: 255.357+/-0.000	χ^2/NDF : 27795325486
Right Out: 178.222+/-0.000	χ^2/NDF : 3636798558444840391154572885518974976.0/17	- 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



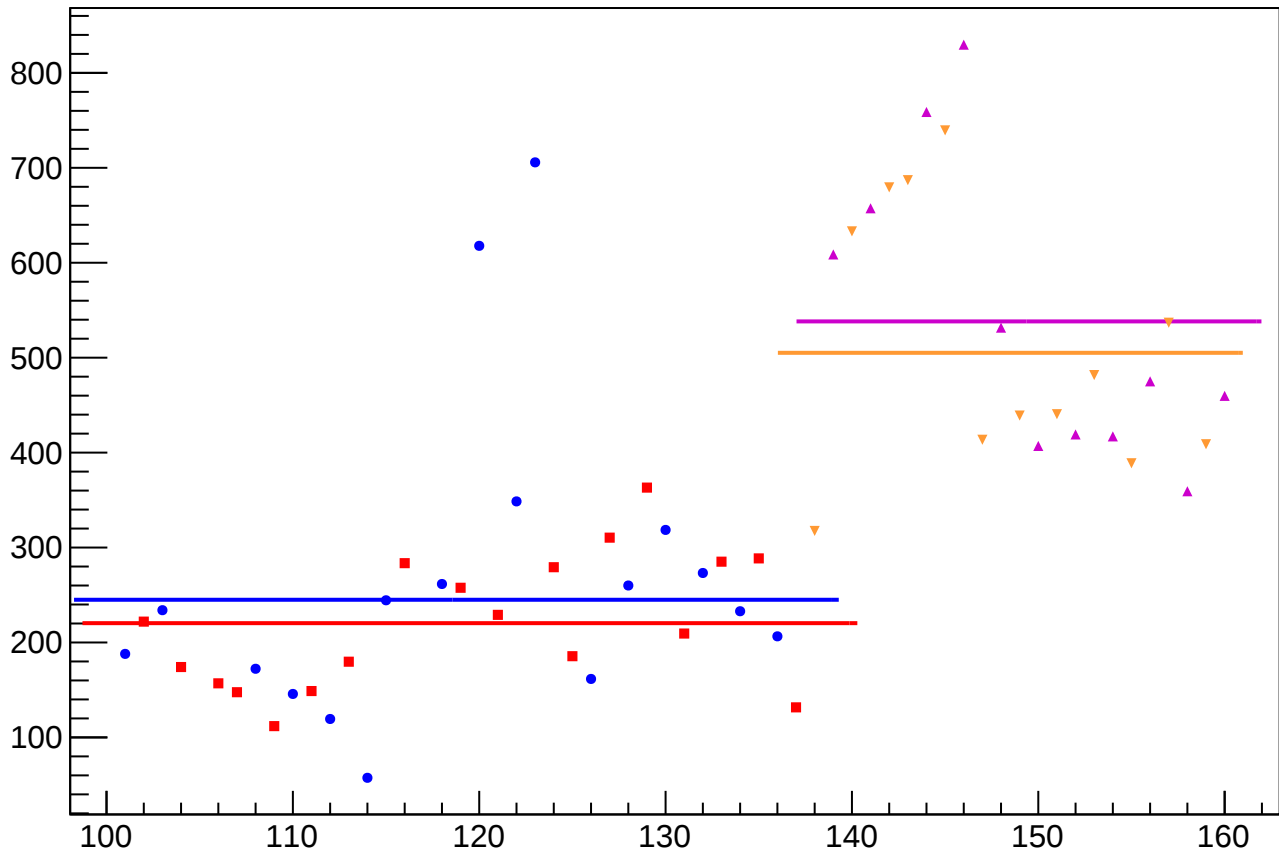
Right In: -12468.200+/-0.000	χ^2/NDF : 41947810781860597740124287766684235726848.0/16
Left Out: -31267.411+/-0.000	χ^2/NDF : 22472352508992692811157309504314979385344.0/11
Right Out: -10920.089+/-0.000	χ^2/NDF : 32165705228240657588124121675327793528832.0/17
Left In: -33648.648+/-0.000	χ^2/NDF : 11296625028325119552839806860927105499136.0/10

+ sign -23128.514+/-0.000 χ^2/NDF : 203501578140

All: -23462.645+/-0.000 χ^2/NDF : 456426709

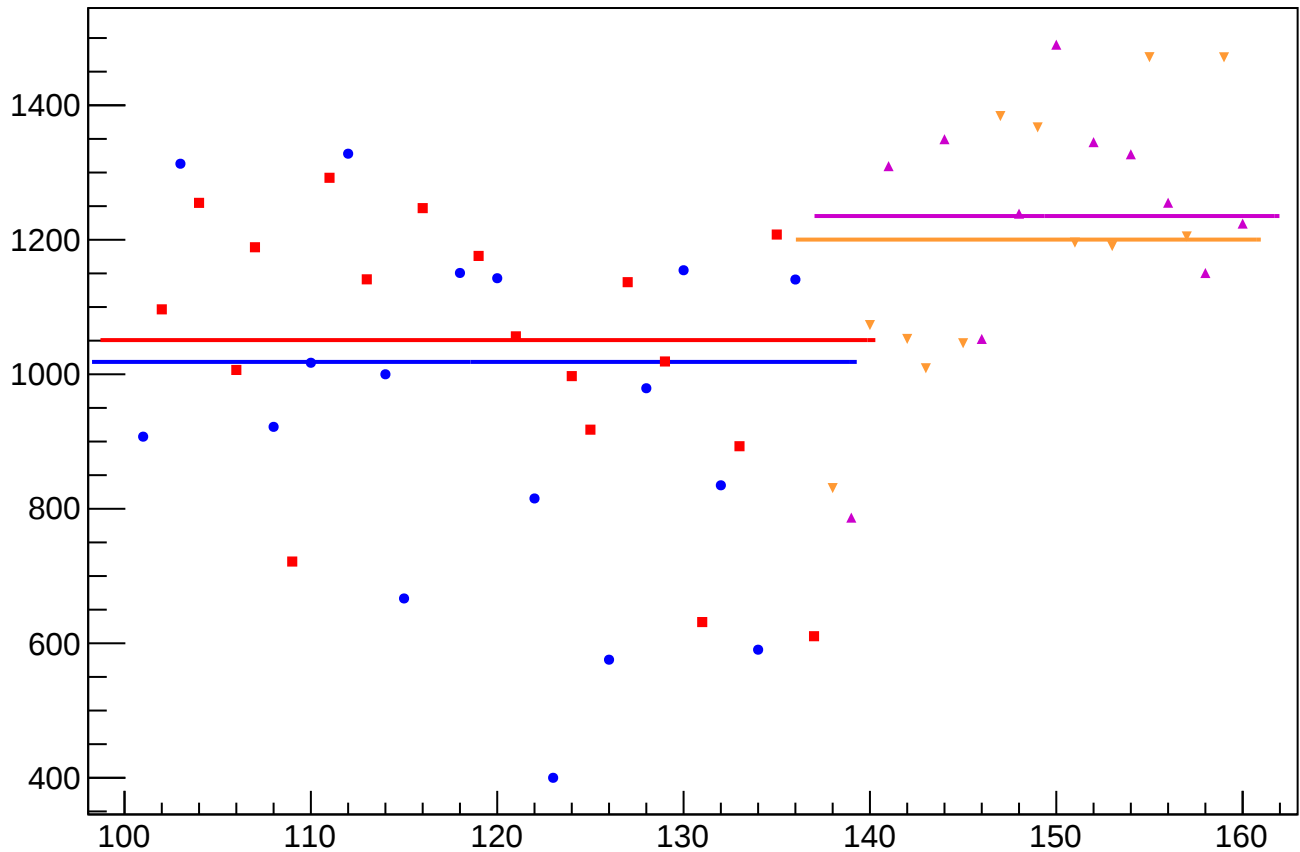
- sign -23787.653+/-0.000 χ^2/NDF : 2525720879741

dit_sam6_coil1_err_mean vs Slug



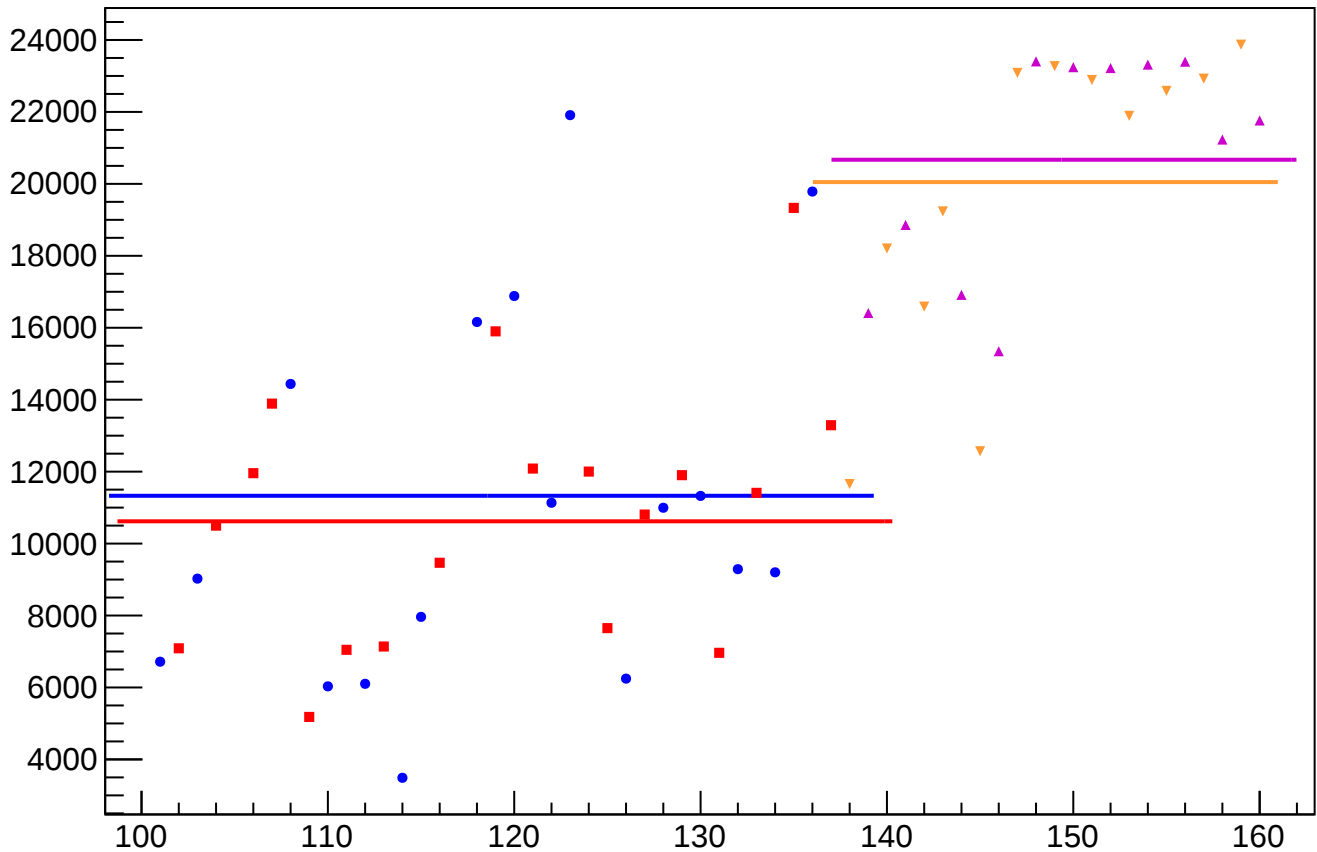
Right In: 244.994+/-0.000	χ^2/NDF : 8873183370170999334634045001787506688.0/16	+ sign 392.506+/-0.000	χ^2/NDF : 507765180649784
Left Out: 505.129+/-0.000	χ^2/NDF : 15272519684305825551143996818058117120.0/11	All: 396.459+/-0.000	χ^2/NDF : 115603625590
Right Out: 220.353+/-0.000	χ^2/NDF : 3356691284213126680510243475038404608.0/17	- sign 400.303+/-0.000	χ^2/NDF : 647777116384331
Left In: 538.207+/-0.000	χ^2/NDF : 20524569412911645618745037593493110784.0/10		

dit_sam6_coil1_Ndata_mean vs Slug



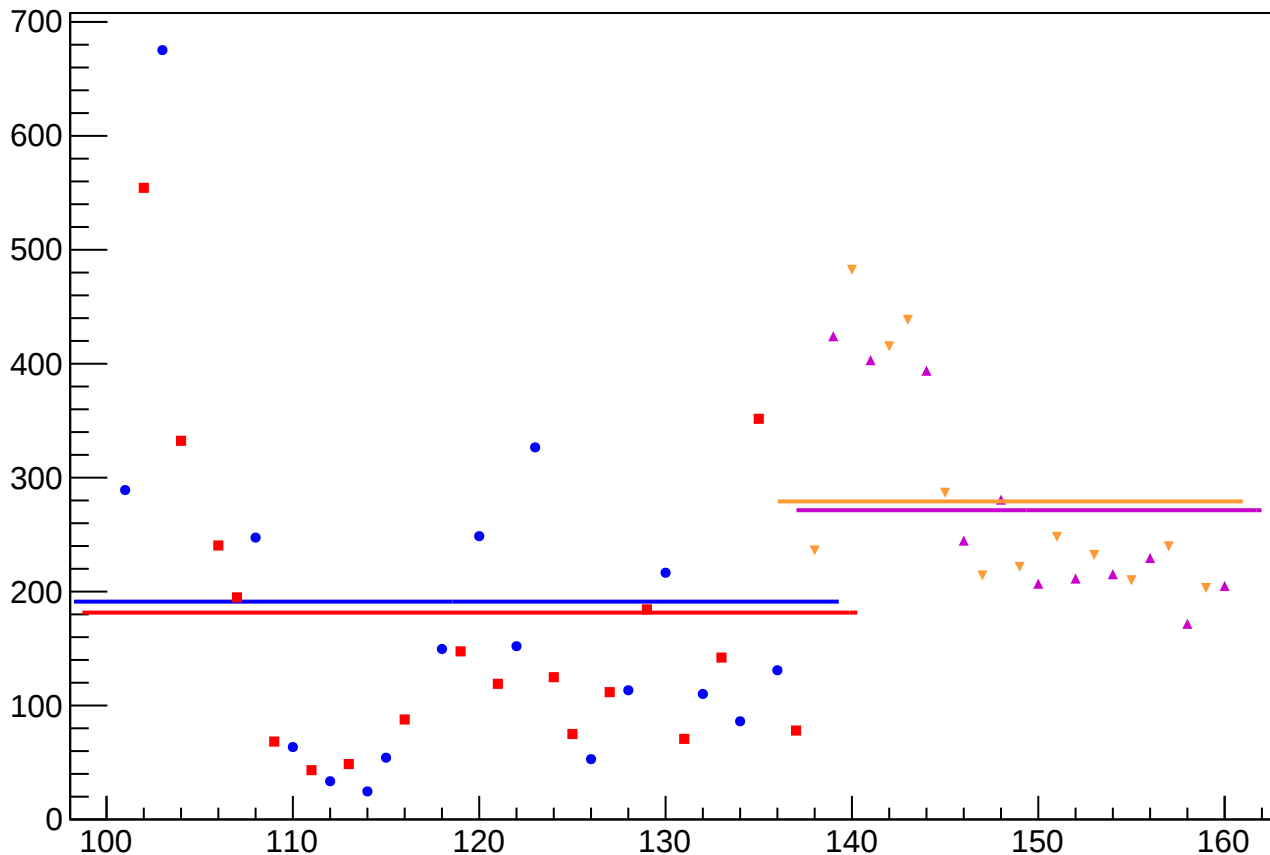
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam7_coil1_mean vs Slug



Right In: 11329.210+/-0.000 χ^2/NDF : 15521857033868622025770129635391850938368.0/16
 Left Out: 20050.081+/-0.000 χ^2/NDF : 15531978446555800166104970917231932211200.0/11
 Right Out: 10619.182+/-0.000 χ^2/NDF : 10071633014201515414626302207213810221056.0/17
 Left In: 20670.726+/-0.000 χ^2/NDF : 8494858406573564863789120894069960081408.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 191.191+/-0.000 χ^2/NDF : 19183697593820495387775377202474909696.0/16

Left Out: 279.165+/-0.000 χ^2/NDF : 7920210699485411791931517458268028928.0/11

Right Out: 181.551+/-0.000 χ^2/NDF : 14852803264995019247576775913608577024.0/17

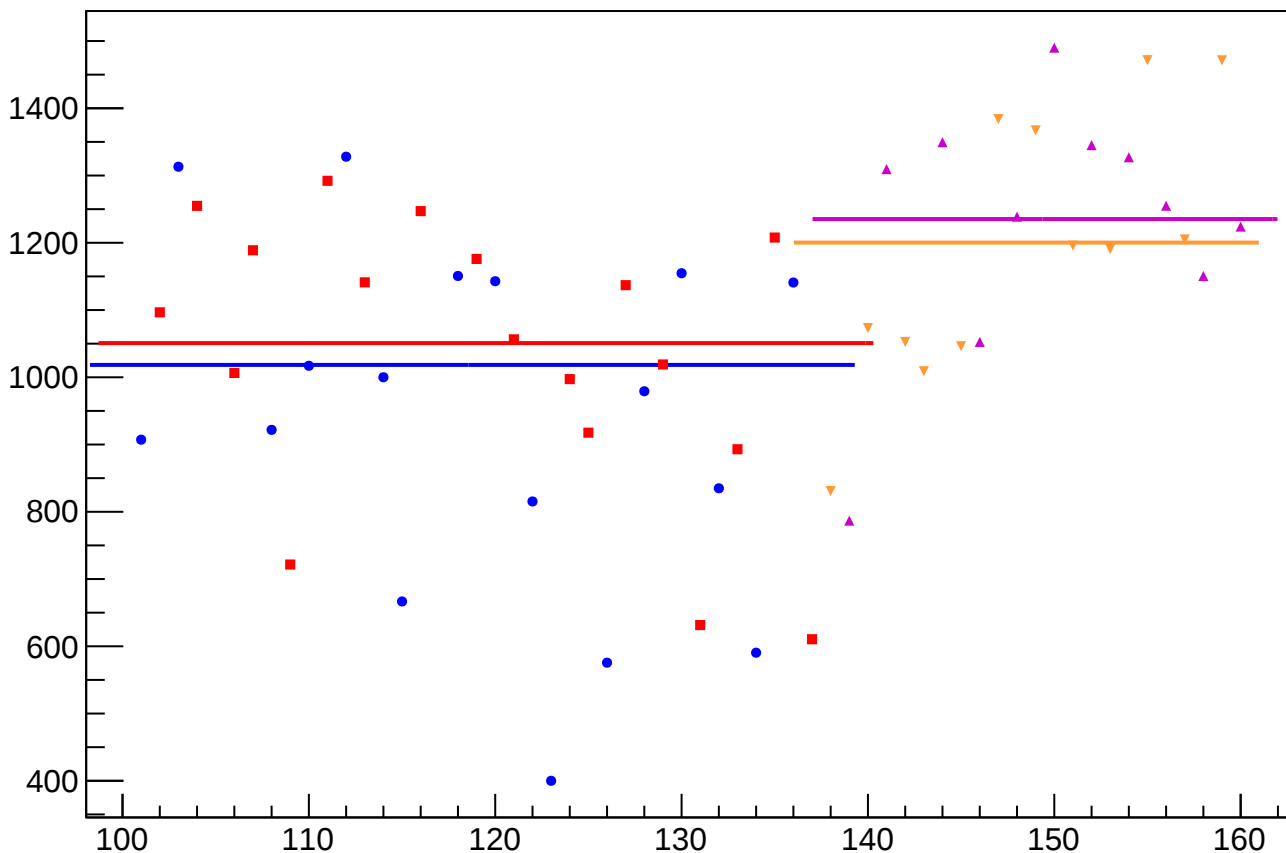
Left In: 271.426+/-0.000 χ^2/NDF : 7049081855860572674907173749109293056.0/10

+ sign 241.078+/-0.000 χ^2/NDF : 301496704306911

All: 236.695+/-0.000 χ^2/NDF : 553819563747

- sign 232.433+/-0.000 χ^2/NDF : 251715575685874

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

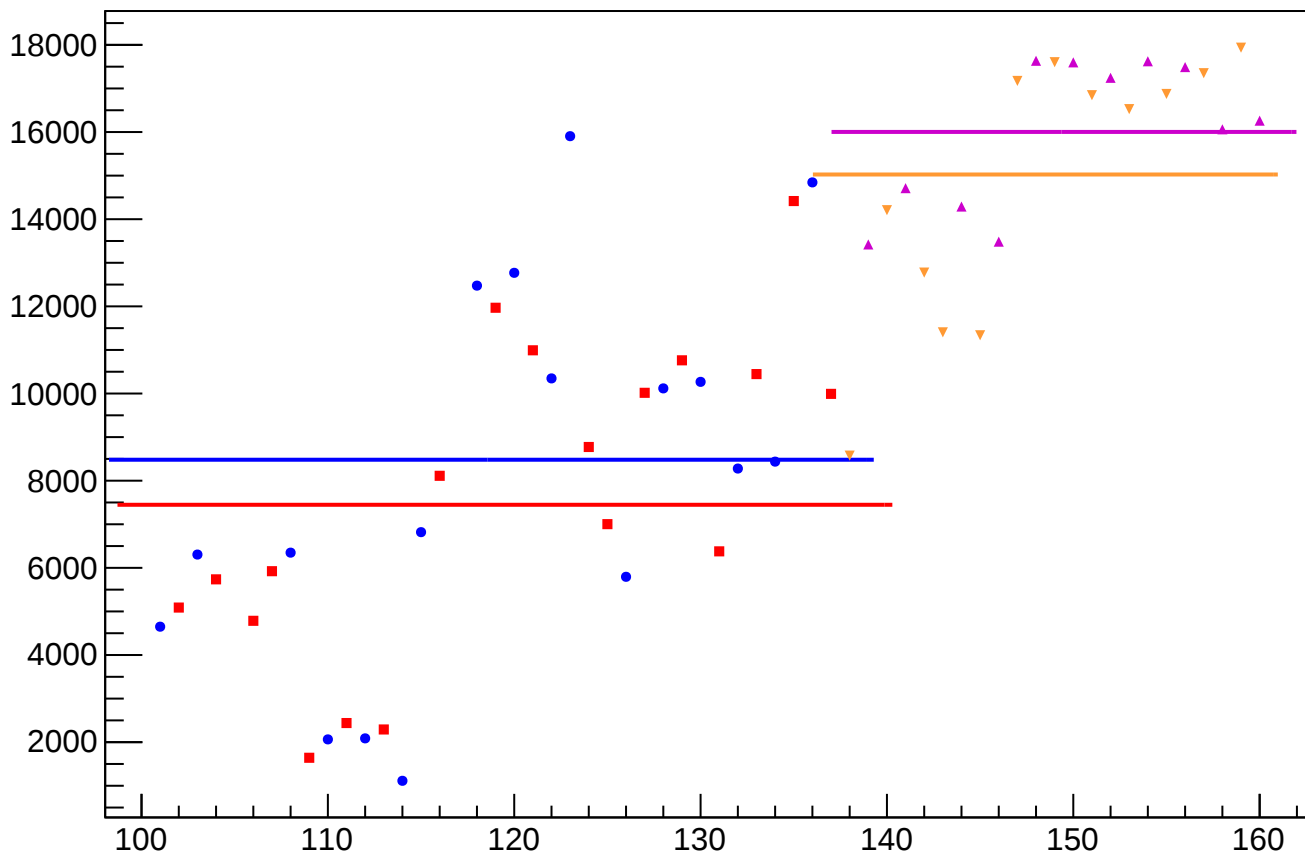
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

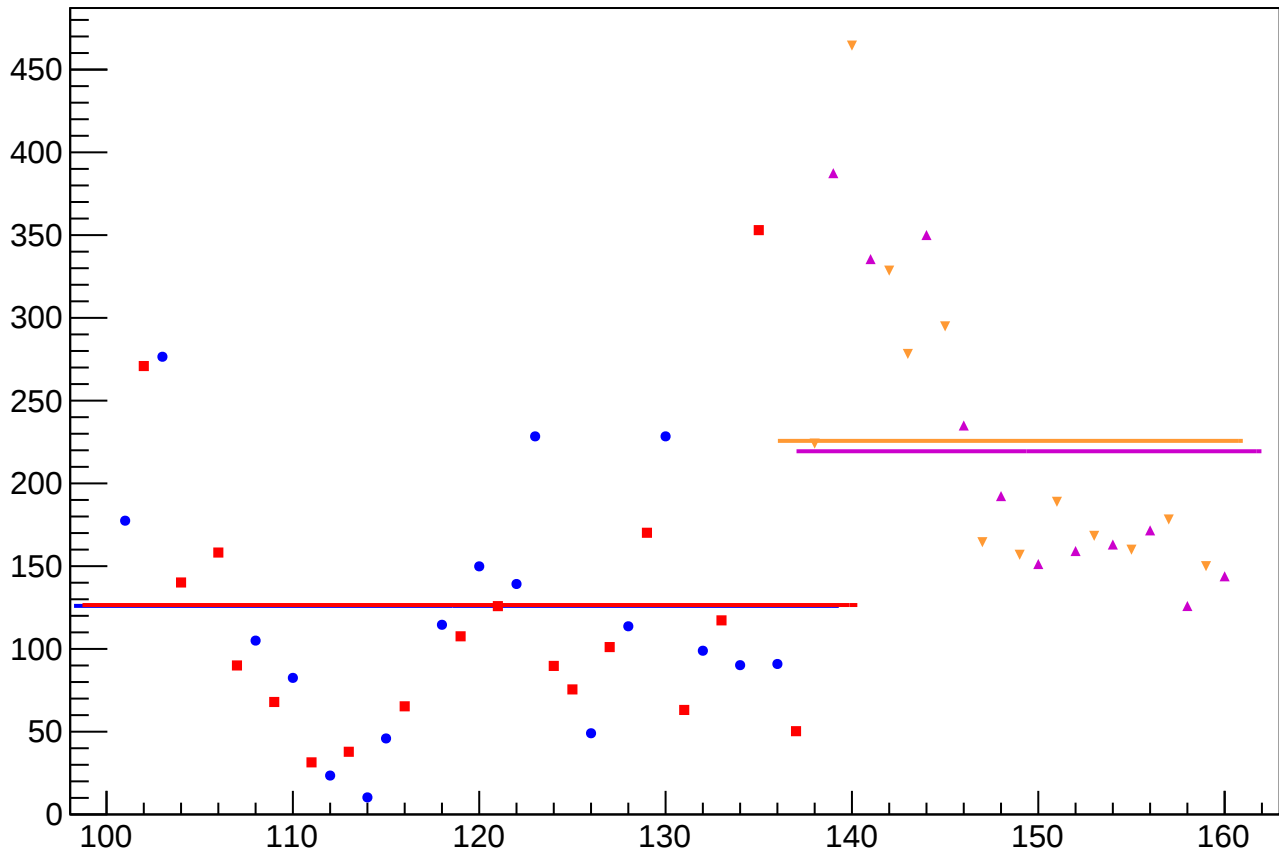
+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826
All: 1138.646+/-0.000 χ^2/NDF : 15044351621
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam8_coil1_mean vs Slug



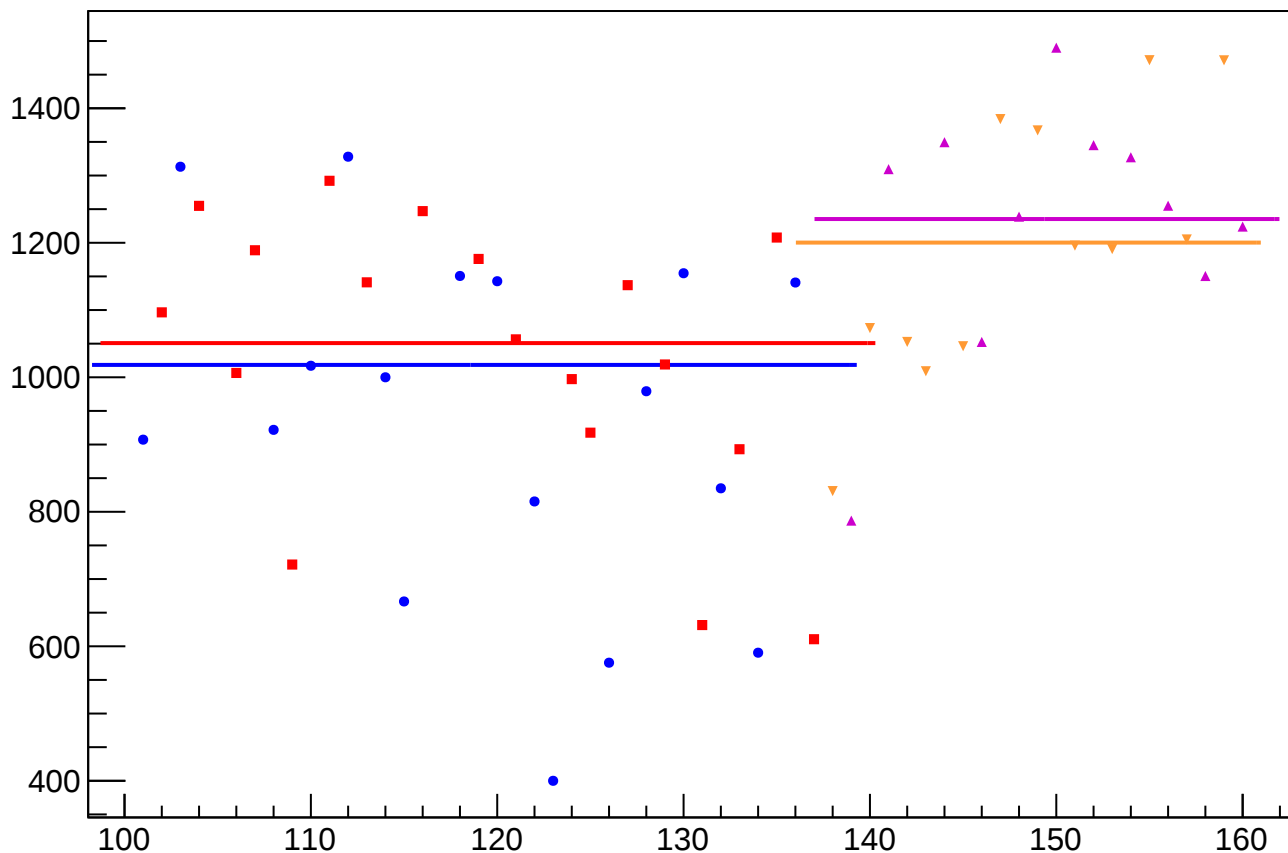
Right In: 8480.889+/-0.000 χ^2/NDF : 11499484754166446401410720405854359650304.0/16
 Left Out: 15025.757+/-0.000 χ^2/NDF : 8187740092033082050104349904869741559808.0/11
 Right Out: 7447.217+/-0.000 χ^2/NDF : 10045808642952263494281474112188504342528.0/17
 Left In: 16002.617+/-0.000 χ^2/NDF : 2475406713829870725608341548092805349376.0/10

dit_sam8_coil1_err_mean vs Slug



Right In: 126.005+/-0.000	χ^2/NDF : 3386025781144831306970150054630785024.0/16	+ 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

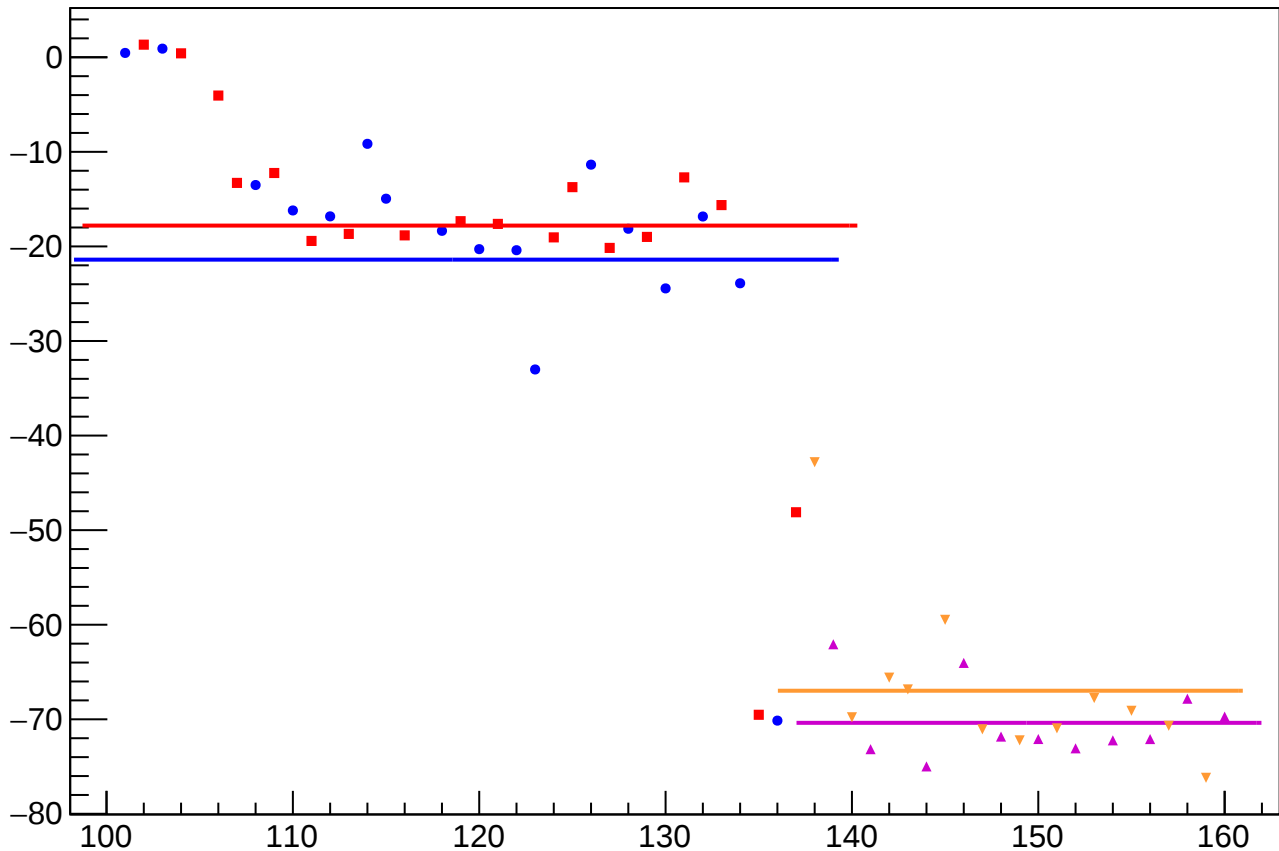
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

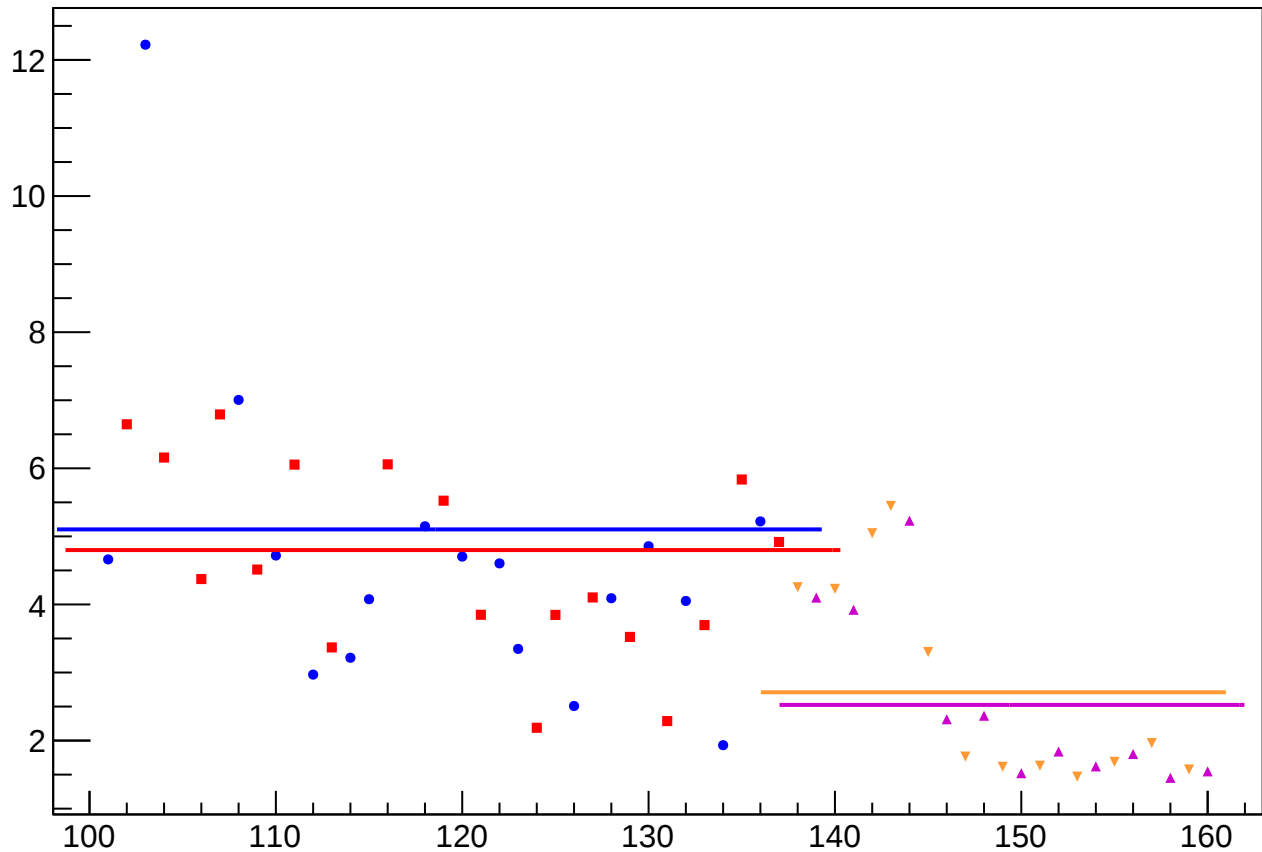
All: 1138.646+/-0.000 χ^2/NDF : 15044351621

dit_4aX_coil3_mean vs Slug



Right In: -21.398+/-0.000	χ^2/NDF : 280536163120367747156314867523125248.0/16	+ sign -47.245+/-0.000	χ^2/NDF : 116182177719301
Left Out: -66.978+/-0.000	χ^2/NDF : 63685898995814955491327915677712384.0/11	All: -47.406+/-0.000	χ^2/NDF : 248895290027
Right Out: -17.797+/-0.000	χ^2/NDF : 194445073804421906744756784211165184.0/17	- sign -47.563+/-0.000	χ^2/NDF : 1327048913191155
Left In: -70.373+/-0.000	χ^2/NDF : 13651024036120663482420235694243840.0/10		

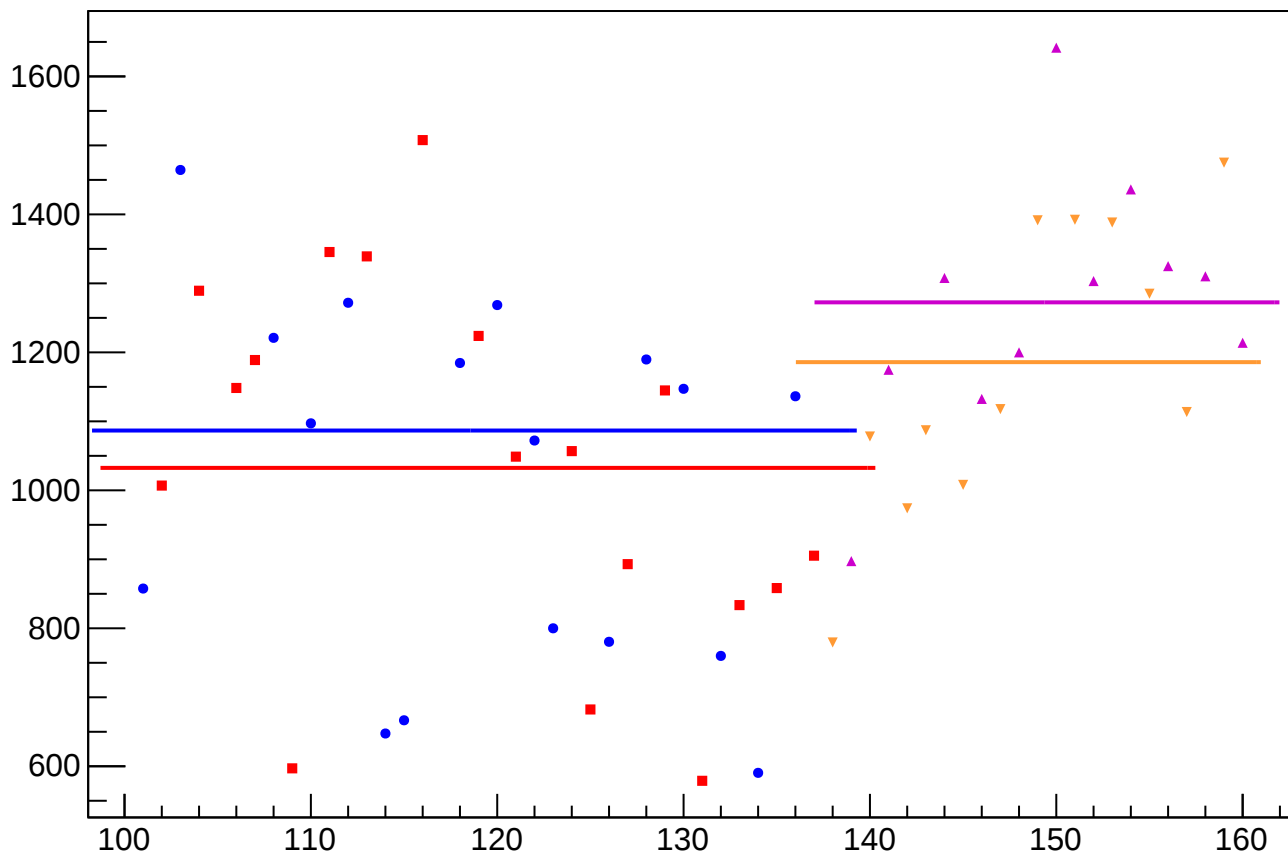
dit_4aX_coil3_err_mean vs Slug



Right In: 5.103+/-0.000 χ^2/NDF : 4048406978190508053530993177395200.0/16
 Left Out: 2.710+/-0.000 χ^2/NDF : 1774159043511346014201510128254976.0/11
 Right Out: 4.799+/-0.000 χ^2/NDF : 1271869445641912698697536291995648.0/17
 Left In: 2.524+/-0.000 χ^2/NDF : 1443854563513341294387646202642432.0/10

+ sign 3.746+/-0.000 χ^2/NDF : 80756286337442748
 All: 3.627+/-0.000 χ^2/NDF : 12931206817483
 - sign 3.511+/-0.000 χ^2/NDF : 48108129807529368

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

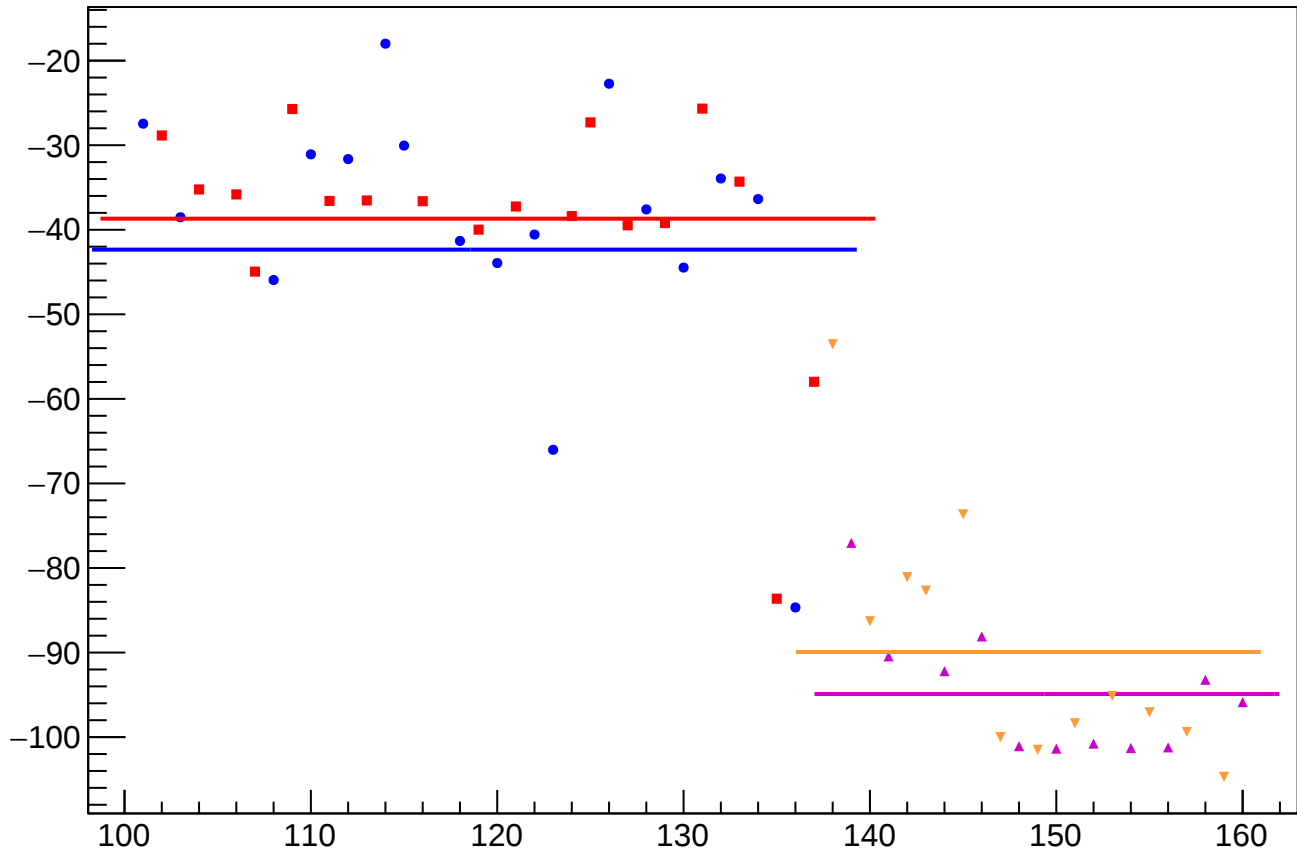
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

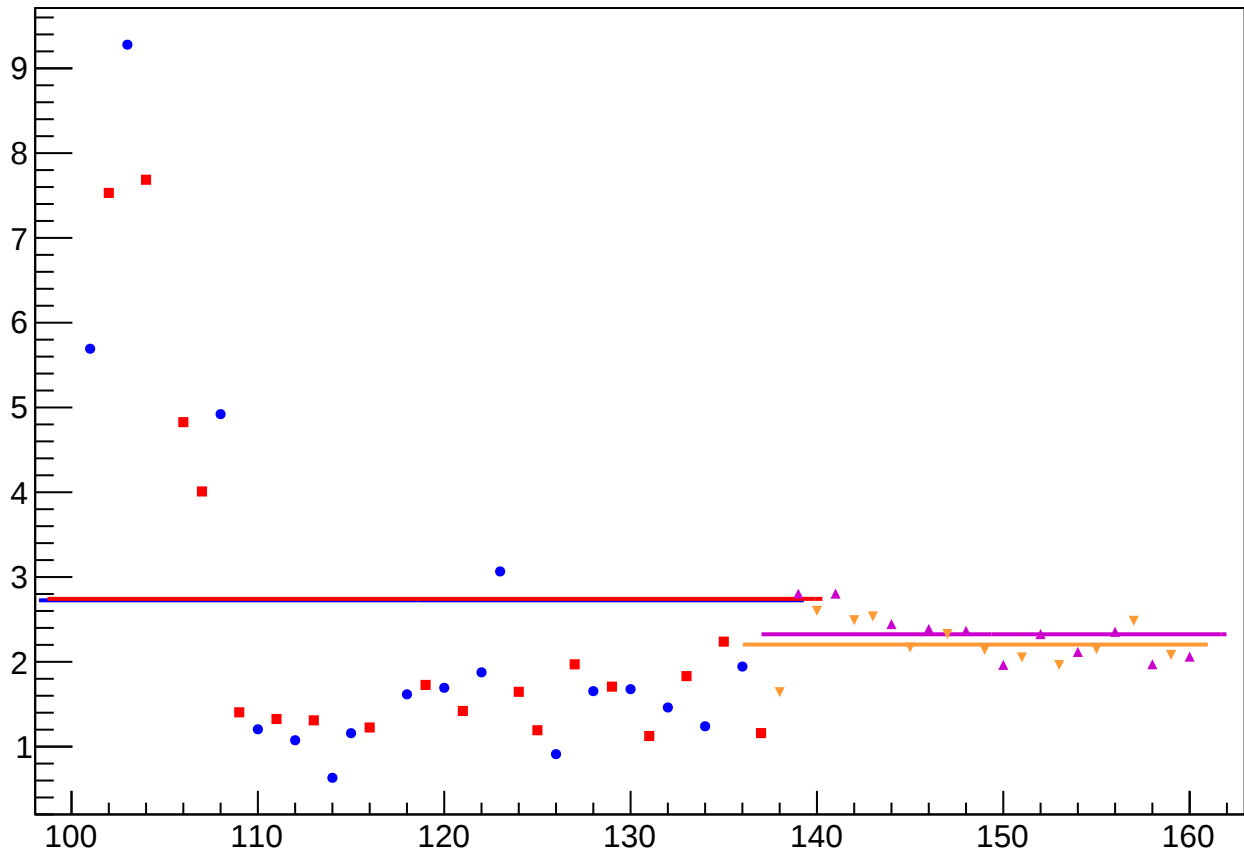
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4eX_coil3_mean vs Slug



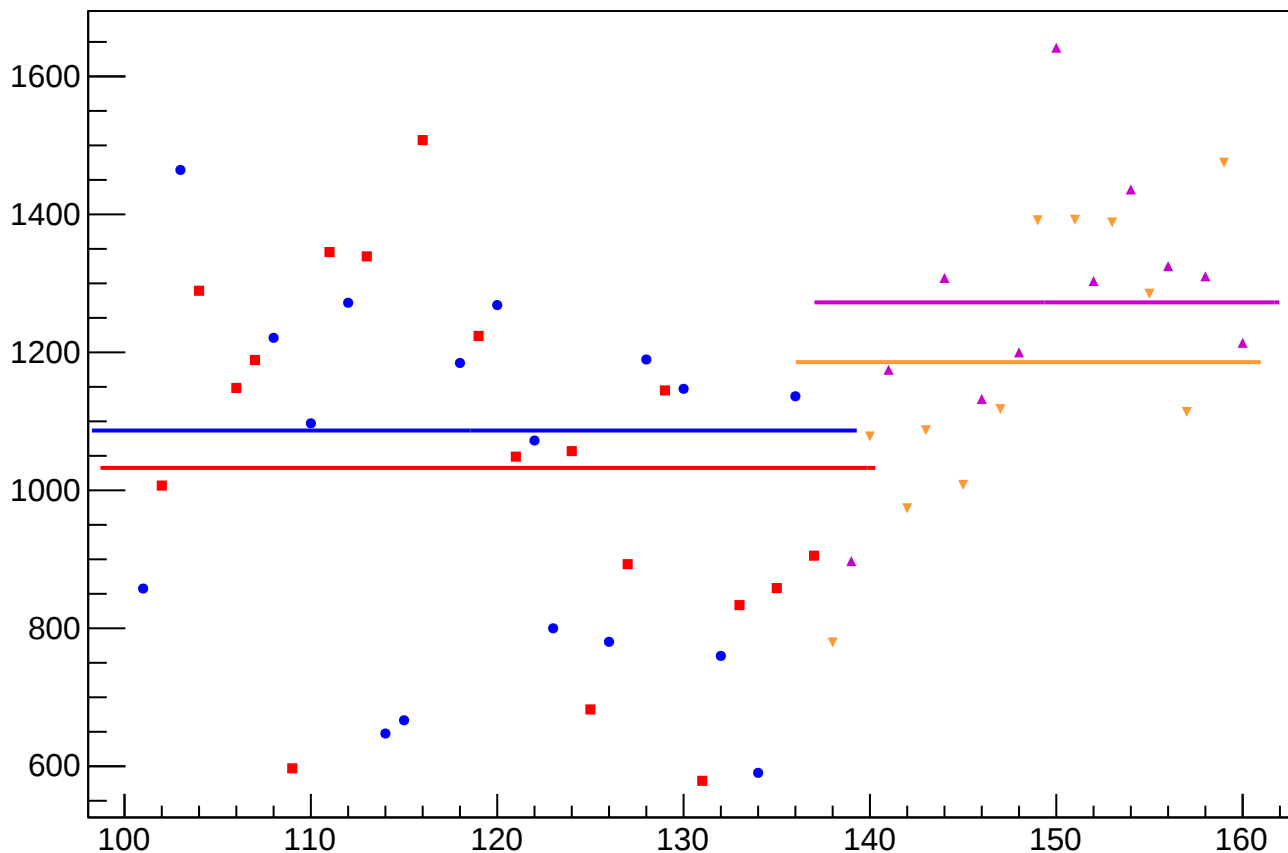
Right In: -42.348+/-0.000	χ^2/NDF : 214487265312366042421757259213176832.0/16
Left Out: -89.931+/-0.000	χ^2/NDF : 187167251032127788176867775297355776.0/11
Right Out: -38.687+/-0.000	χ^2/NDF : 132884782523479402209438367825788928.0/17
Left In: -94.901+/-0.000	χ^2/NDF : 49160458871676913814520414202757120.0/10
+ sign -69.330+/-0.000 χ^2/NDF : 129268674906465	
All: -69.929+/-0.000 χ^2/NDF : 275500453525	
- sign -70.512+/-0.000 χ^2/NDF : 1461182402037862	

dit_4eX_coil3_err_mean vs Slug



Right In: 2.726+/-0.000	χ^2/NDF : 4086214221048218627232910568062976.0/16	+ sign 2.430+/-0.000	χ^2/NDF : 42576736979958561
Left Out: 2.204+/-0.000	χ^2/NDF : 64341762429168624767253736325120.0/11	All: 2.468+/-0.000	χ^2/NDF : 7993038934853
Right Out: 2.743+/-0.000	χ^2/NDF : 3588318821230369709737363581698048.0/17	- sign 2.506+/-0.000	χ^2/NDF : 37306091214057511
Left In: 2.325+/-0.000	χ^2/NDF : 71570259822113159465865385607168.0/10		

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

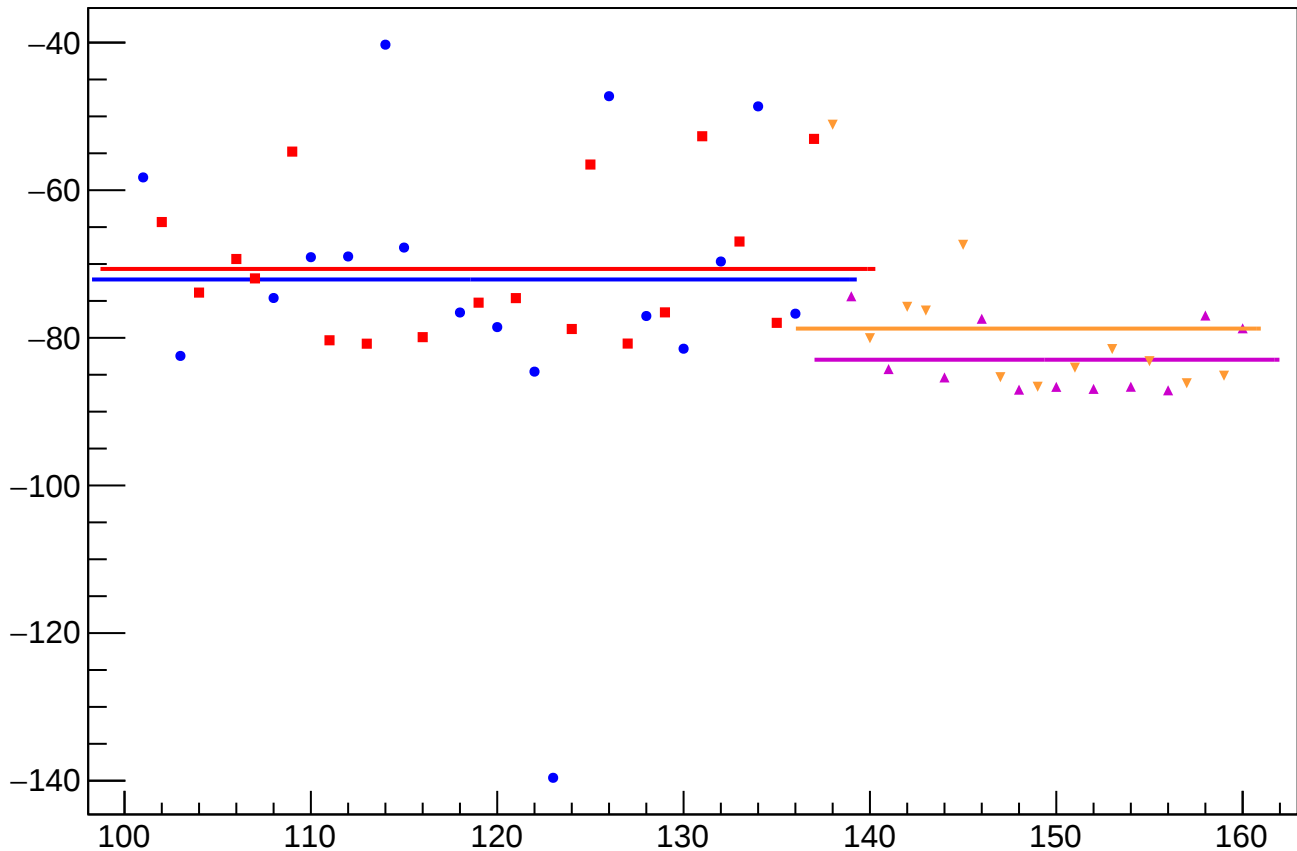
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

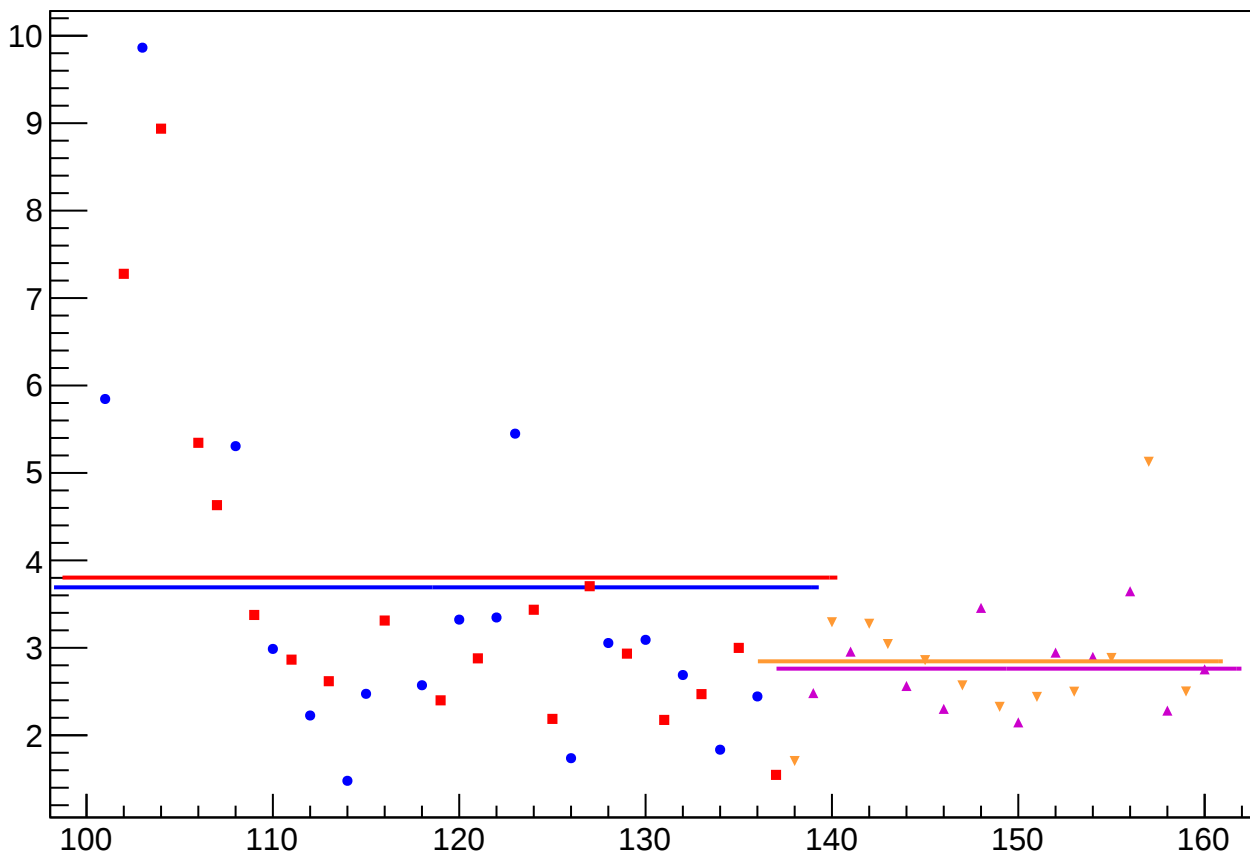
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_11X12X_coil3_mean vs Slug



Right In: -72.094 ± 0.000 $\chi^2/\text{NDF}: 103075229118962583323813478911705088.0/16$
 Left Out: -78.747 ± 0.000 $\chi^2/\text{NDF}: 90789525072060271629933547446337536.0/11$
 Right Out: -70.666 ± 0.000 $\chi^2/\text{NDF}: 63521582322355548765057214851317760.0/17$
 Left In: -82.966 ± 0.000 $\chi^2/\text{NDF}: 20132204805005576765090308057726976.0/10$

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

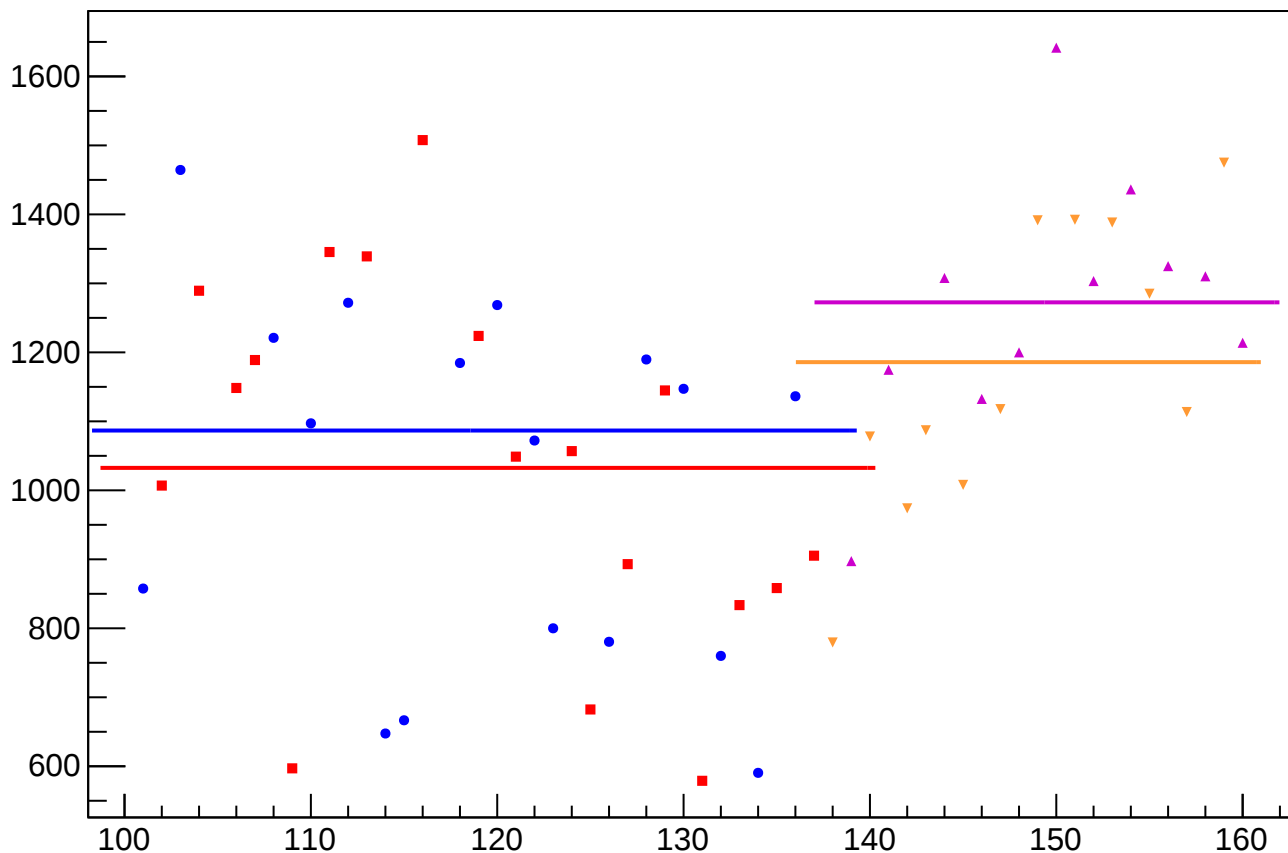
Left In: 2.762 $\pm$ 0.000 χ^2 /NDF: 191371961737300564635223748247552.0/10

+ 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

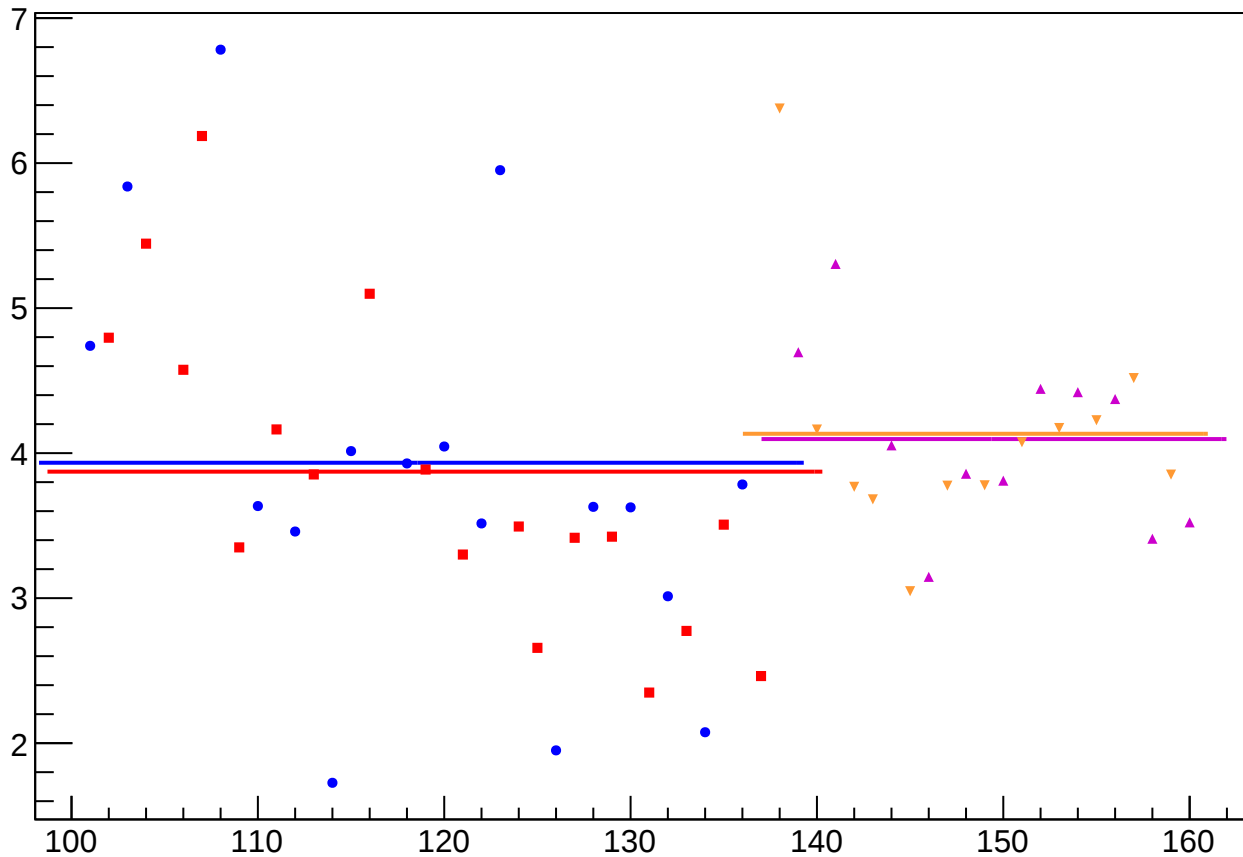
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ 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

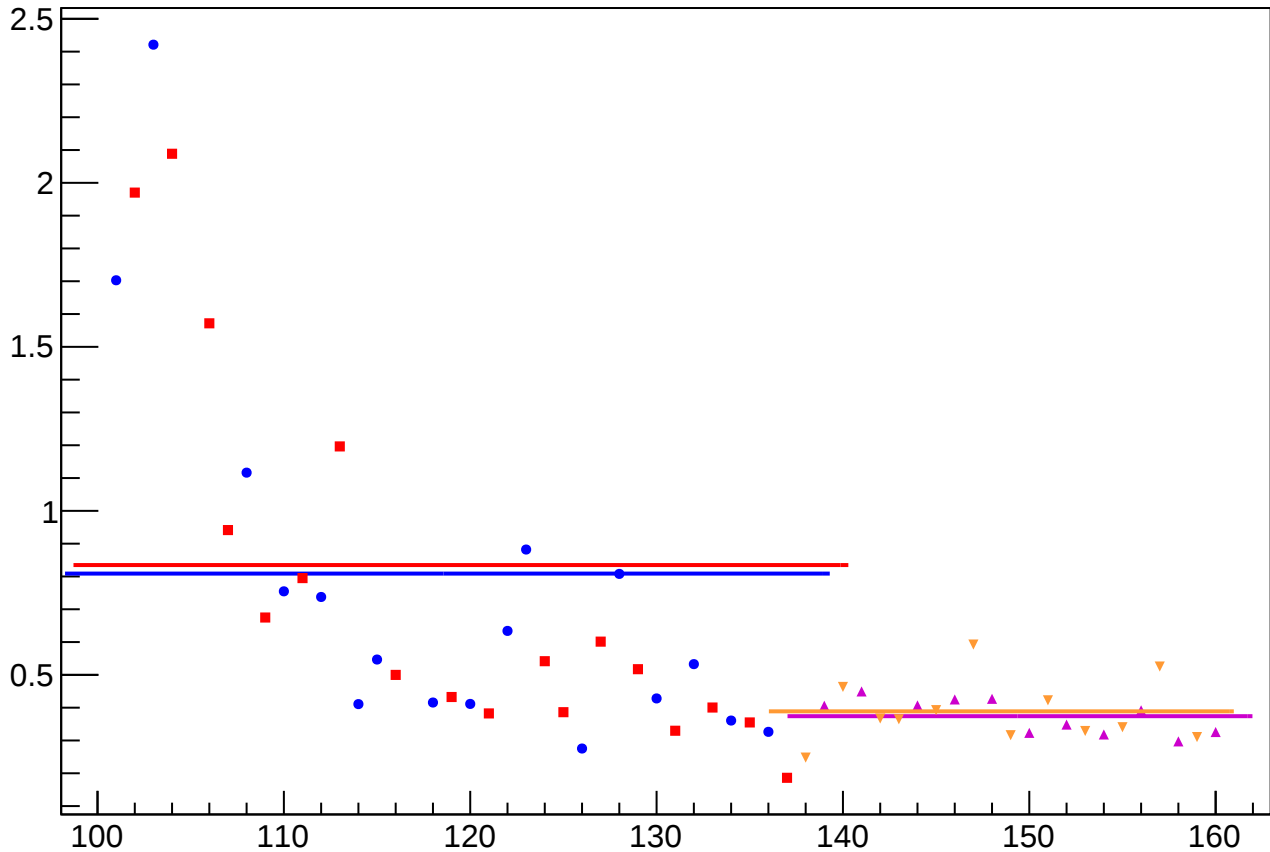
Left In: 4.097 ± 0.000 χ^2/NDF : 331914558071256071482746481934336.0/10

+ sign 4.047 ± 0.000 χ^2/NDF : 14962391915928441

All: 4.023 ± 0.000 χ^2/NDF : 2557473557833

- 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

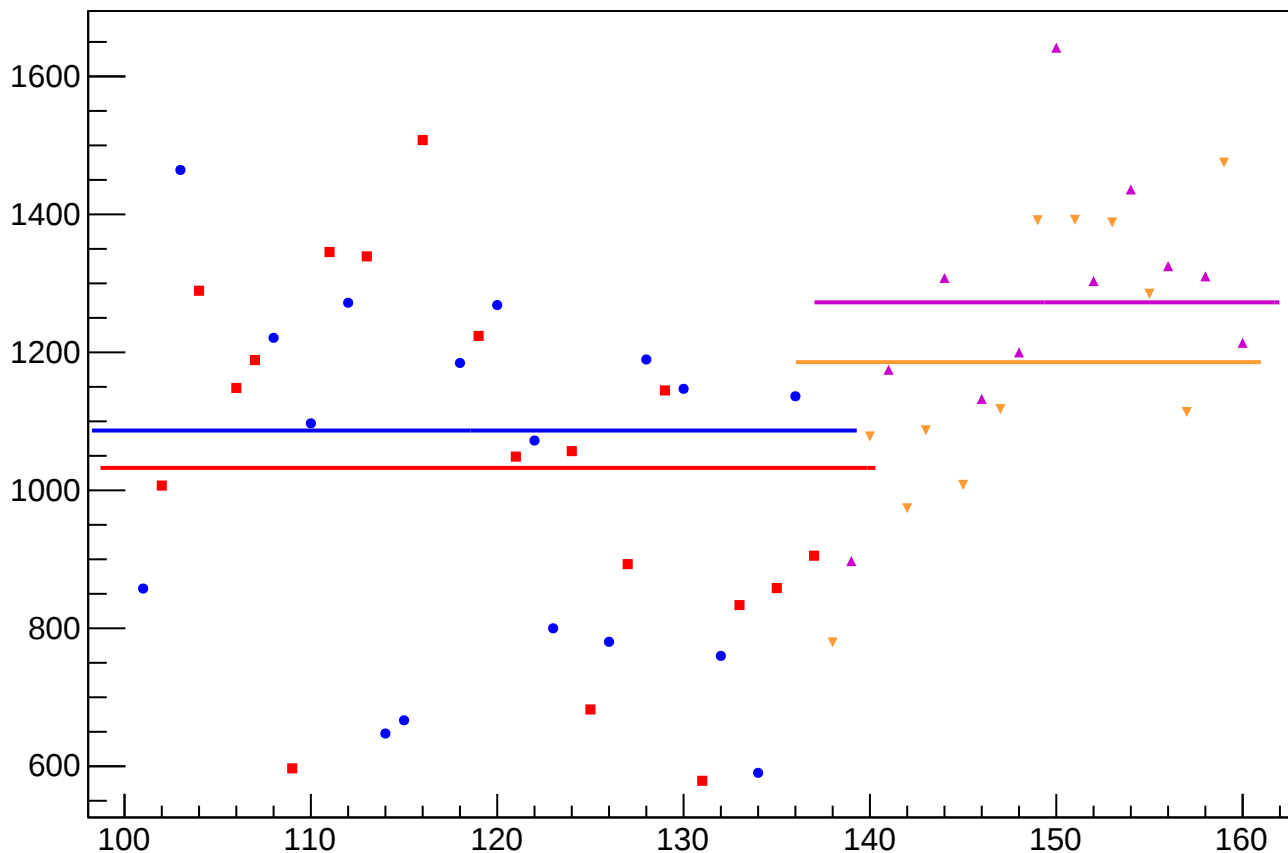
Left In: 0.374 ± 0.000 χ^2/NDF : 2379461607366055456140660047872.0/10

+ 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+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

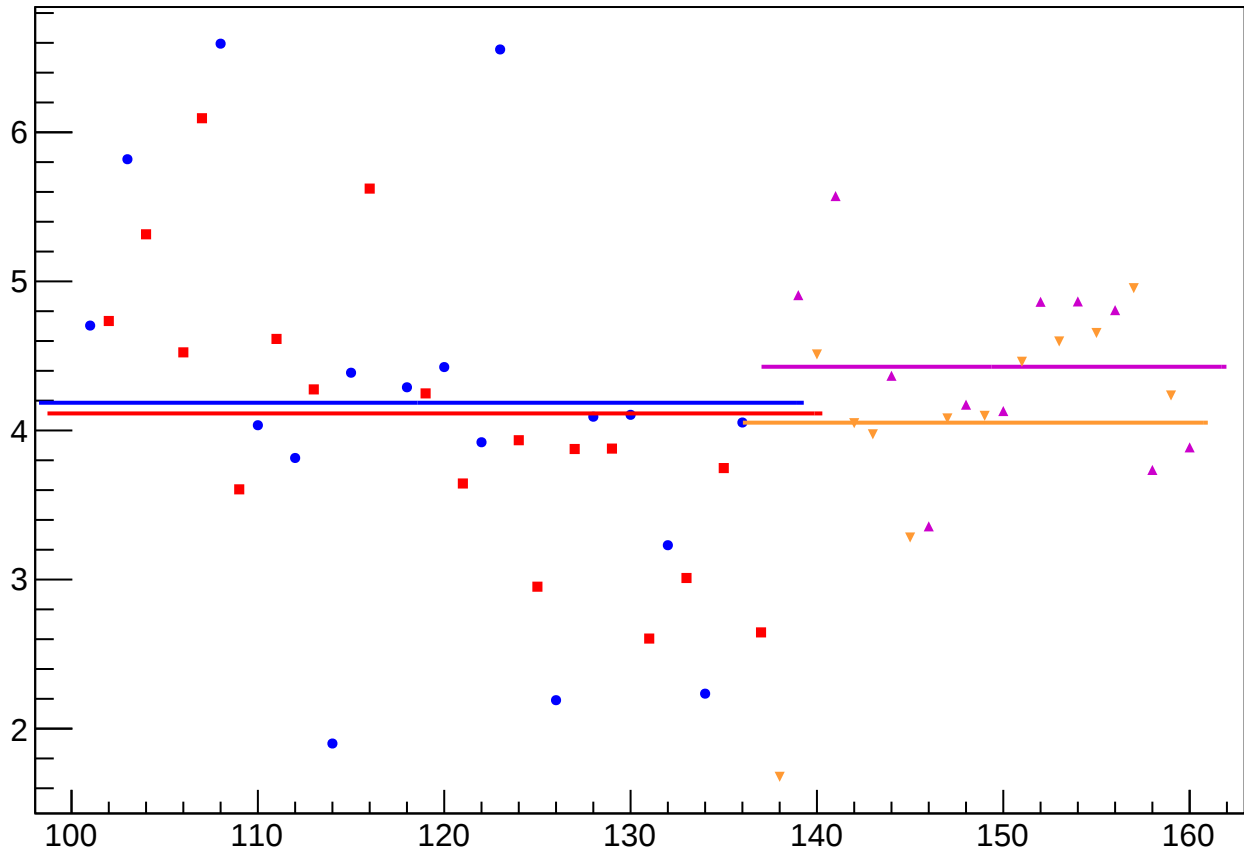
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4eY_coil3_mean vs Slug



Right In: 4.186 $\pm$ 0.000 χ^2 /NDF: 774445398310846770950220892078080.0/16

Left Out: 4.052 $\pm$ 0.000 χ^2 /NDF: 634098515145798855261076427112448.0/11

Right Out: 4.114 $\pm$ 0.000 χ^2 /NDF: 573990867601521273238766982529024.0/17

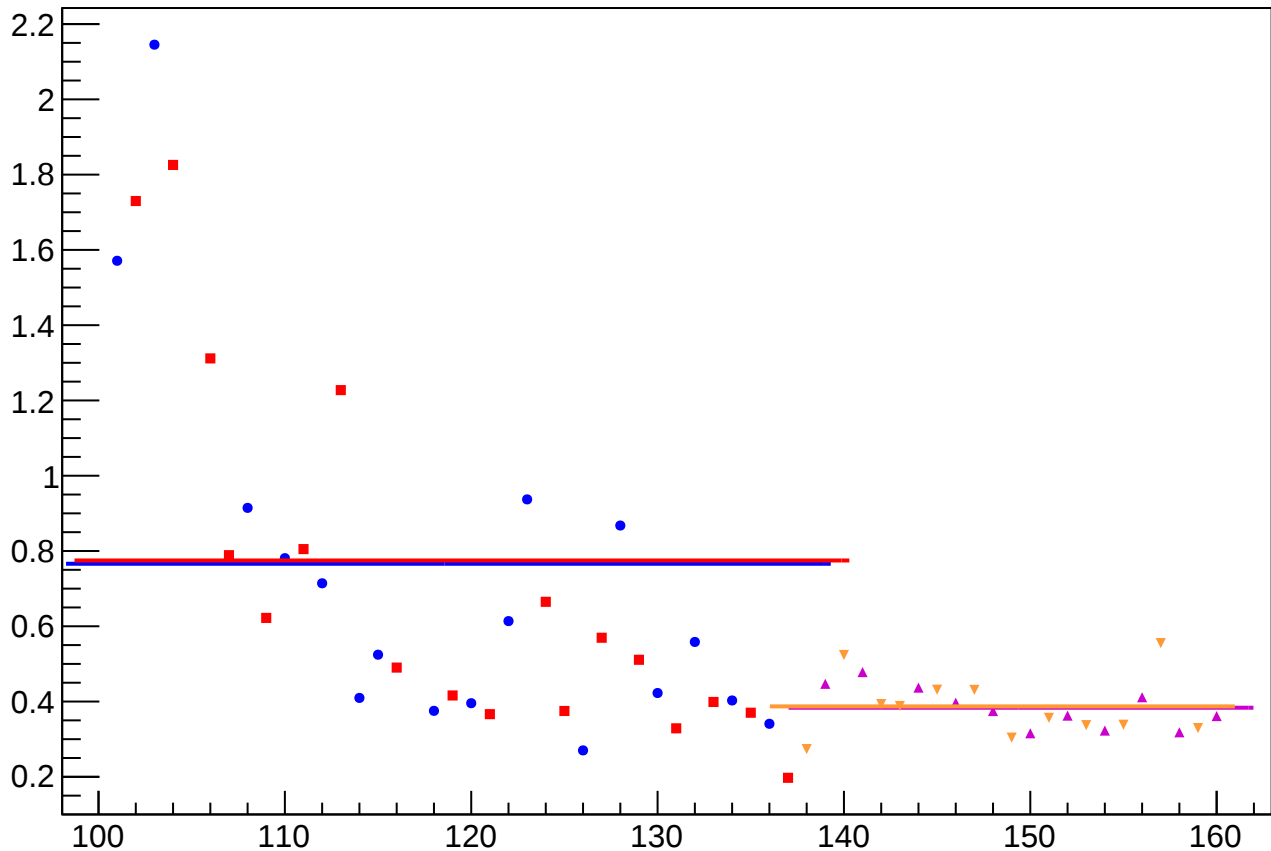
Left In: 4.427 $\pm$ 0.000 χ^2 /NDF: 347229155799314771034943134892032.0/10

+ sign 4.110 $\pm$ 0.000 χ^2 /NDF: 14155619679795147

All: 4.202 $\pm$ 0.000 χ^2 /NDF: 24031632515753

- sign 4.292 $\pm$ 0.000 χ^2 /NDF: 96089553826186659

dit_4eY_coil3_err_mean vs Slug



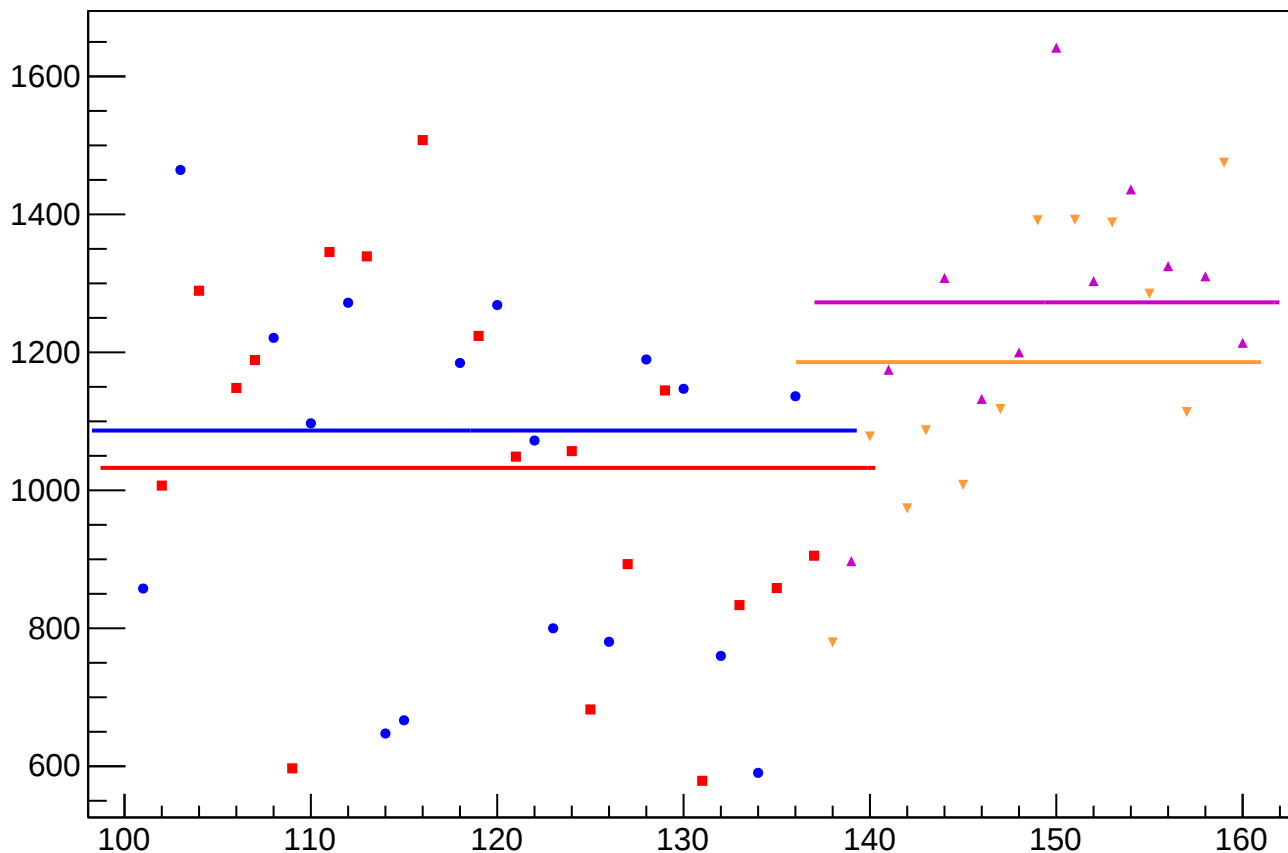
Right In: 0.766 $\pm$ 0.000 χ^2 /NDF: 204784790719097578994787197911040.0/16

Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF: 6246545374867762879189246541824.0/11

Right Out: 0.775 $\pm$ 0.000 χ^2 /NDF: 182293178606852047340817164009472.0/17

Left In: 0.384 $\pm$ 0.000 χ^2 /NDF: 2598634848541931497775565897728.0/10

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

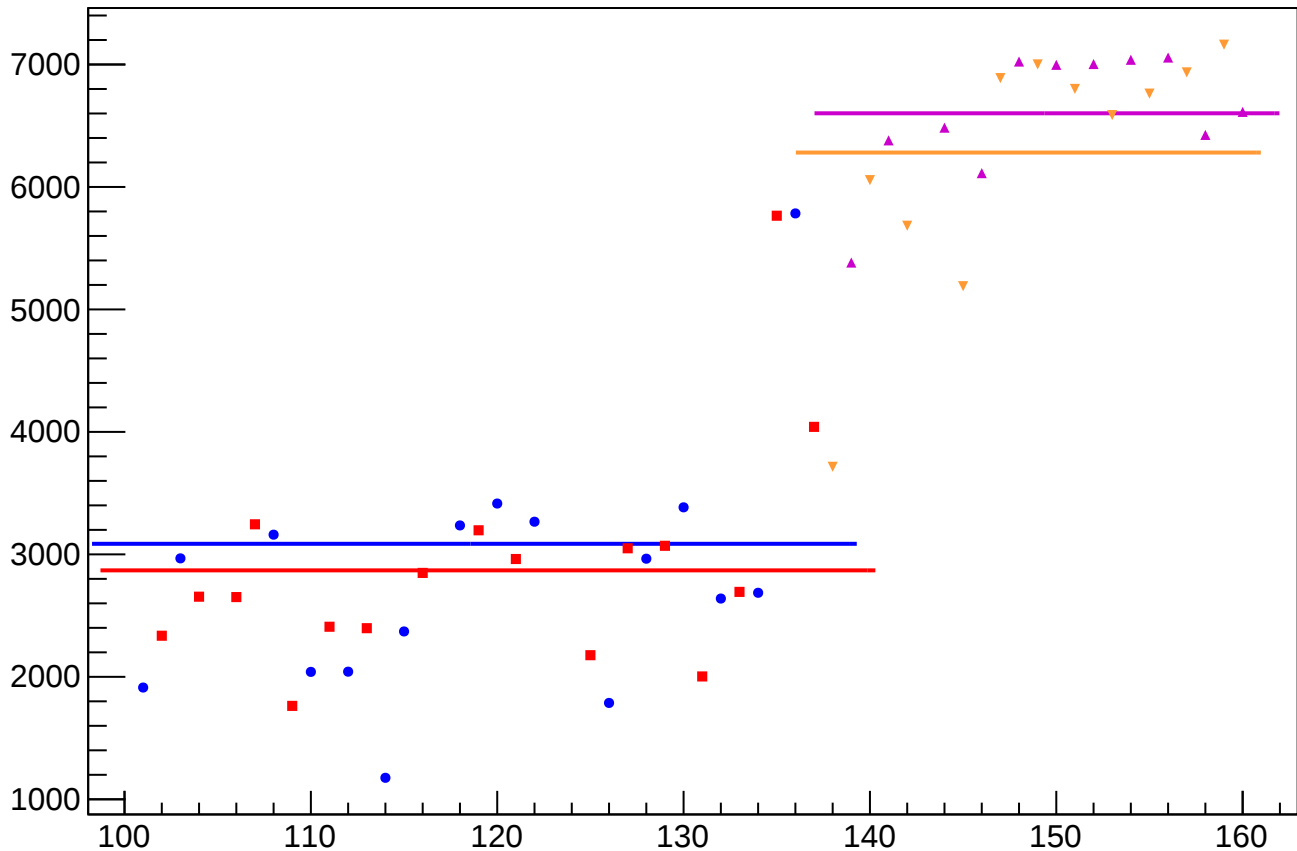
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

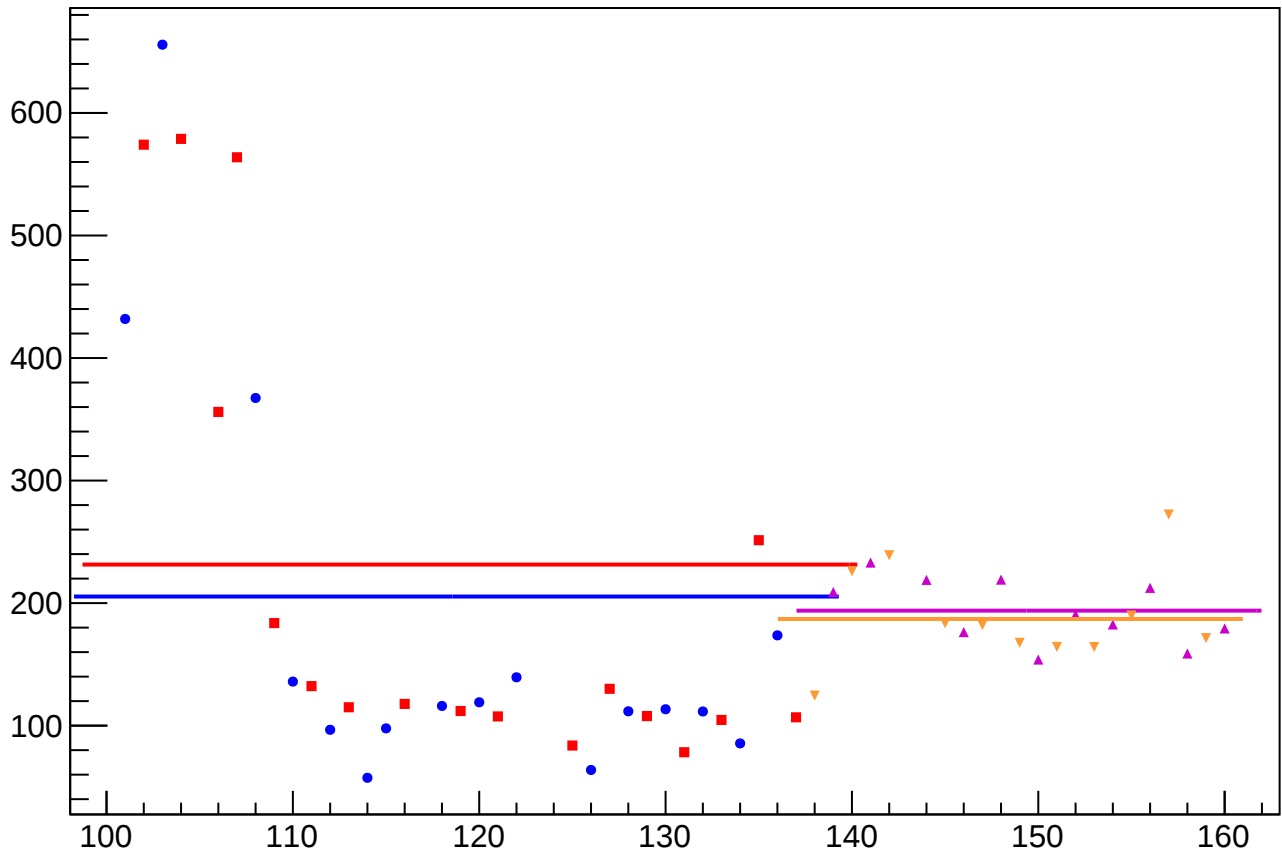
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_usl_coil3_mean vs Slug



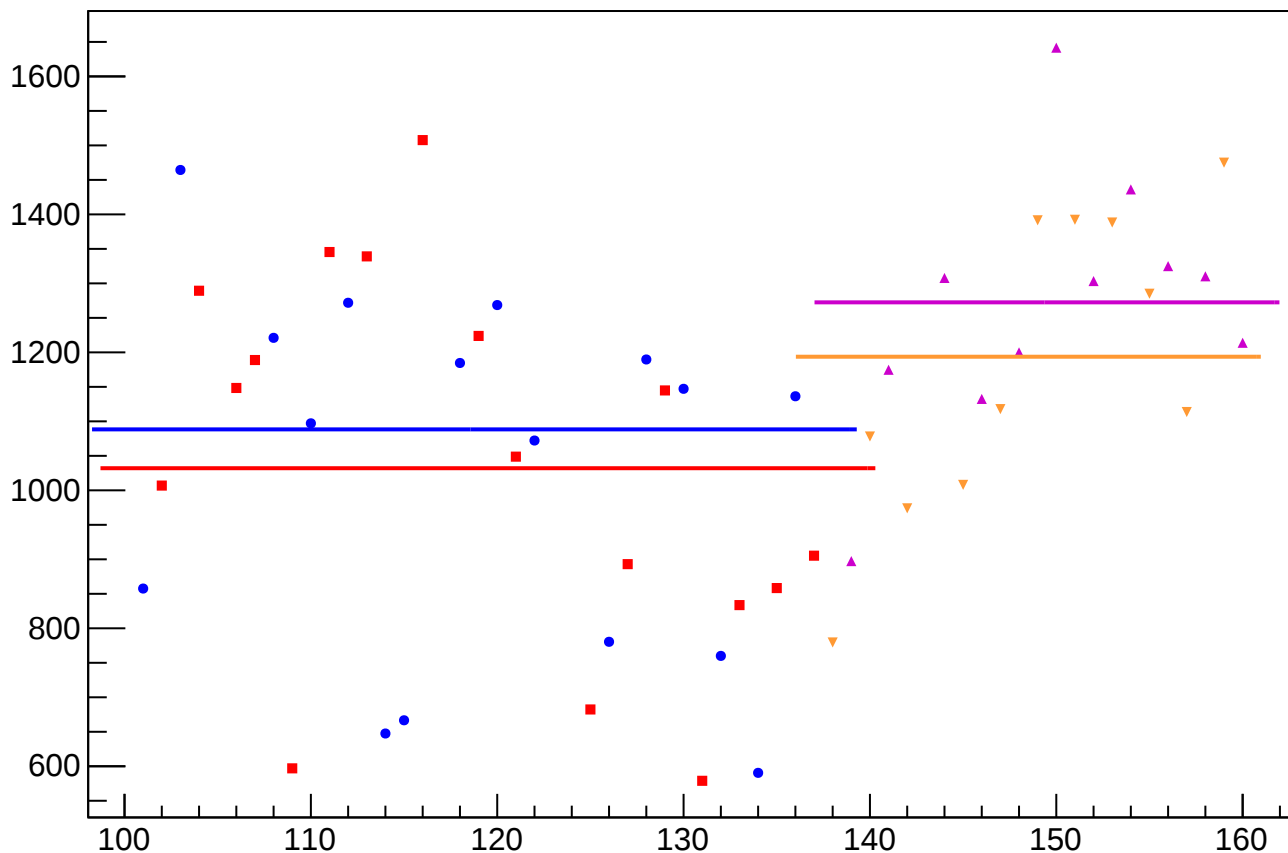
Right In: 3086.294+/-0.000	χ^2/NDF : 957872647656521012418983150086021709824.0/15	+ sign 4842.160+/-0.000	χ^2/NDF : 56689031352038
Left Out: 6281.054+/-0.000	χ^2/NDF : 840424812990698239150116446510170243072.0/10	All: 4923.833+/-0.000	χ^2/NDF : 12080426728
Right Out: 2869.332+/-0.000	χ^2/NDF : 591237562305543847323062569482235936768.0/16	- sign 5000.408+/-0.000	χ^2/NDF : 63917233141790
Left In: 6601.570+/-0.000	χ^2/NDF : 224954235143433170053737939603445252096.0/10		

dit_usl_coil3_err_mean vs Slug



Right In: 205.364+/-0.000 χ^2/NDF : 20493668782682953984090808657754718208.0/15
 Left Out: 187.052+/-0.000 χ^2/NDF : 1231111224909573231836373521014980608.0/10
 Right Out: 231.450+/-0.000 χ^2/NDF : 23996601891457376807935240829130506240.0/16
 Left In: 193.848+/-0.000 χ^2/NDF : 586629985939156798428558842319077376.0/10

dit_usl_coil3_Ndata_mean vs Slug



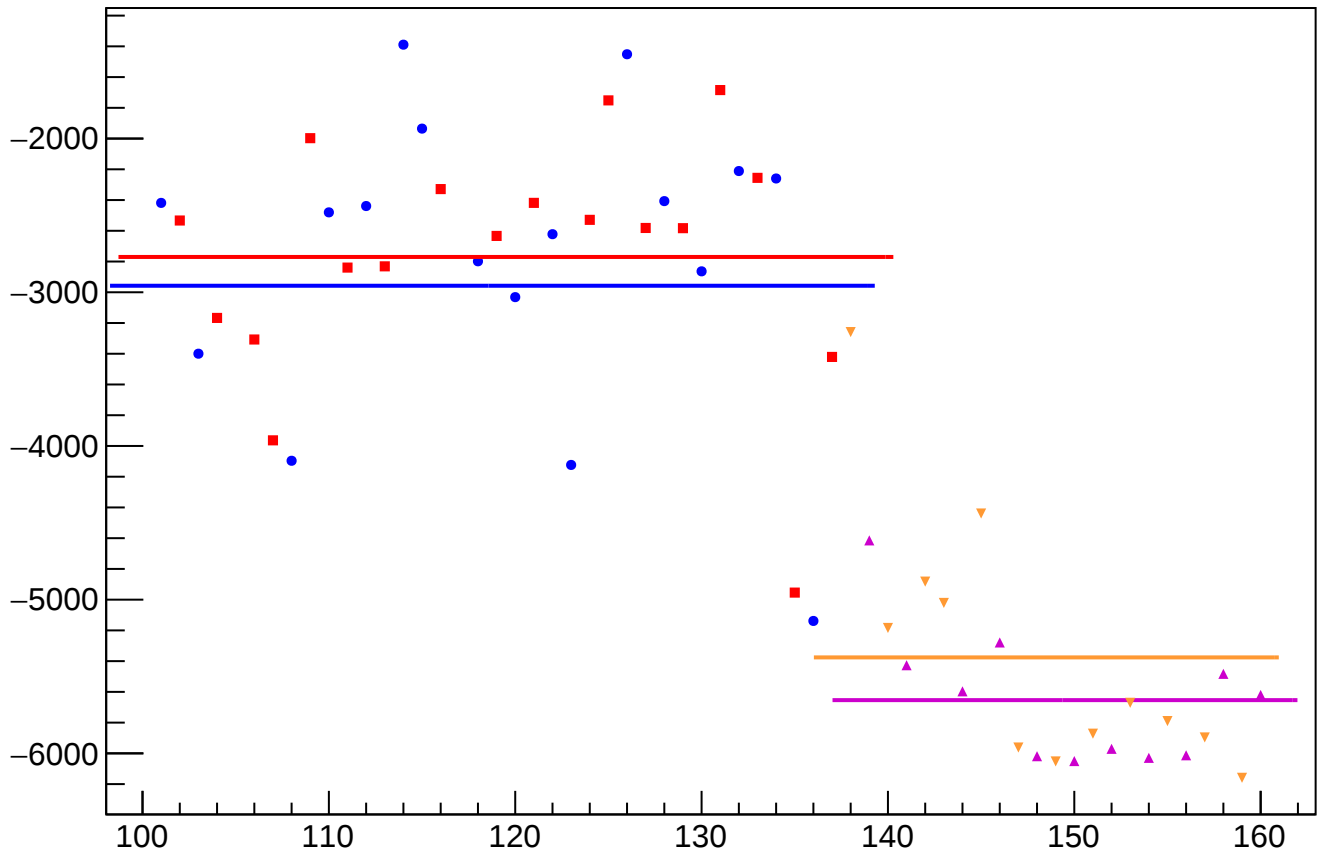
Right In: 1088.357 +/- 0.000 χ^2/NDF : 34282153777351983771685586546357960704.0/15

Left Out: 1193.682 +/- 0.000 χ^2/NDF : 36852151008799488295542377563587346432.0/10

Right Out: 1032.058 +/- 0.000 χ^2/NDF : 47606445983736508238206731798200713216.0/16

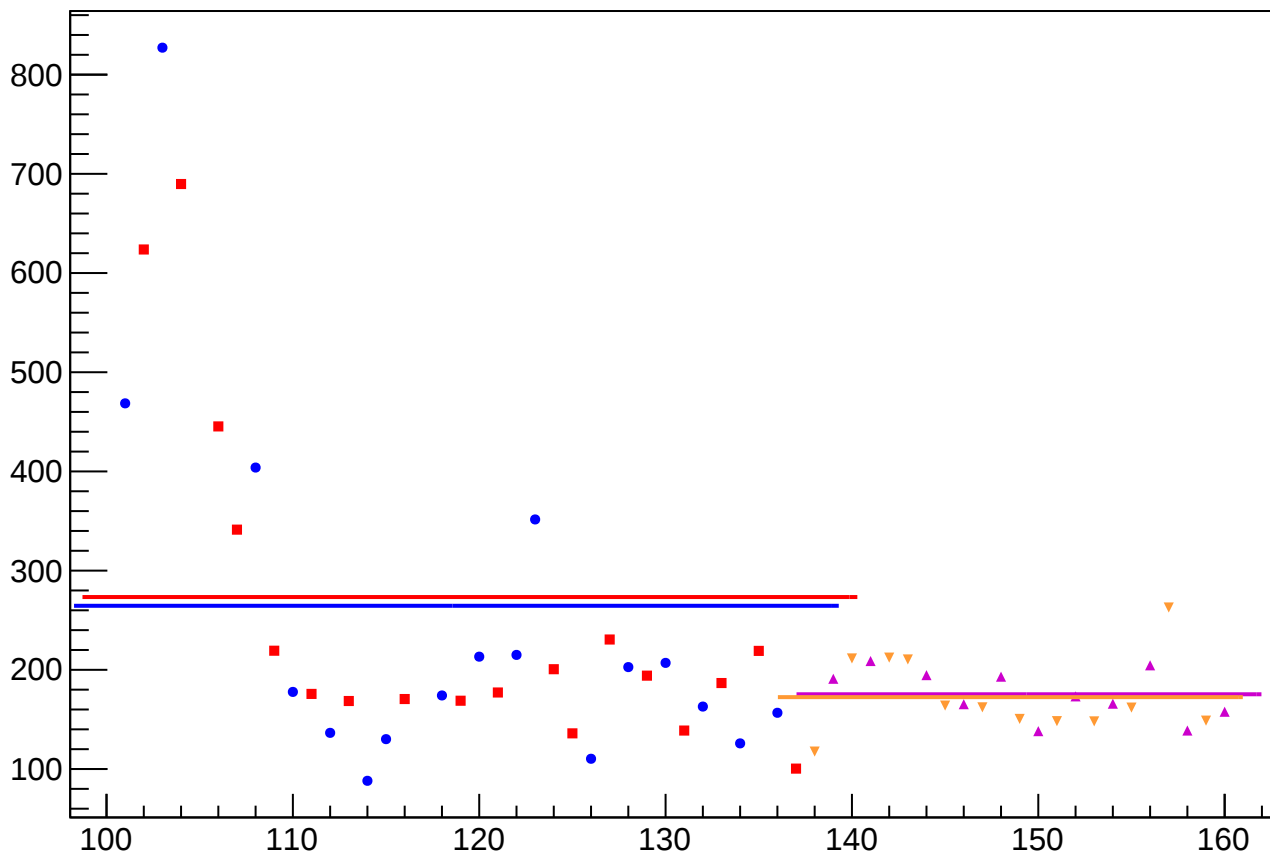
Left In: 1272.495 +/- 0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_usr_coil3_mean vs Slug



Right In: -2957.567+/-0.000 χ^2/NDF : 713909426456610215881026852236843548672.0/16
 Left Out: -5375.695+/-0.000 χ^2/NDF : 614970411401357250704026120645020483584.0/11
 Right Out: -2770.253+/-0.000 χ^2/NDF : 445434357481765841936850386629712412672.0/17
 Left In: -5653.693+/-0.000 χ^2/NDF : 163388727247640022745164219494657163264.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 264.557 $\pm$ 0.000 χ^2/NDF : 27392235444982313348552279916984401920.0/16

Left Out: 172.461 $\pm$ 0.000 χ^2/NDF : 1337859782705403198008239582328389632.0/11

Right Out: 273.375 $\pm$ 0.000 χ^2/NDF : 22103440288407609769259099140296540160.0/17

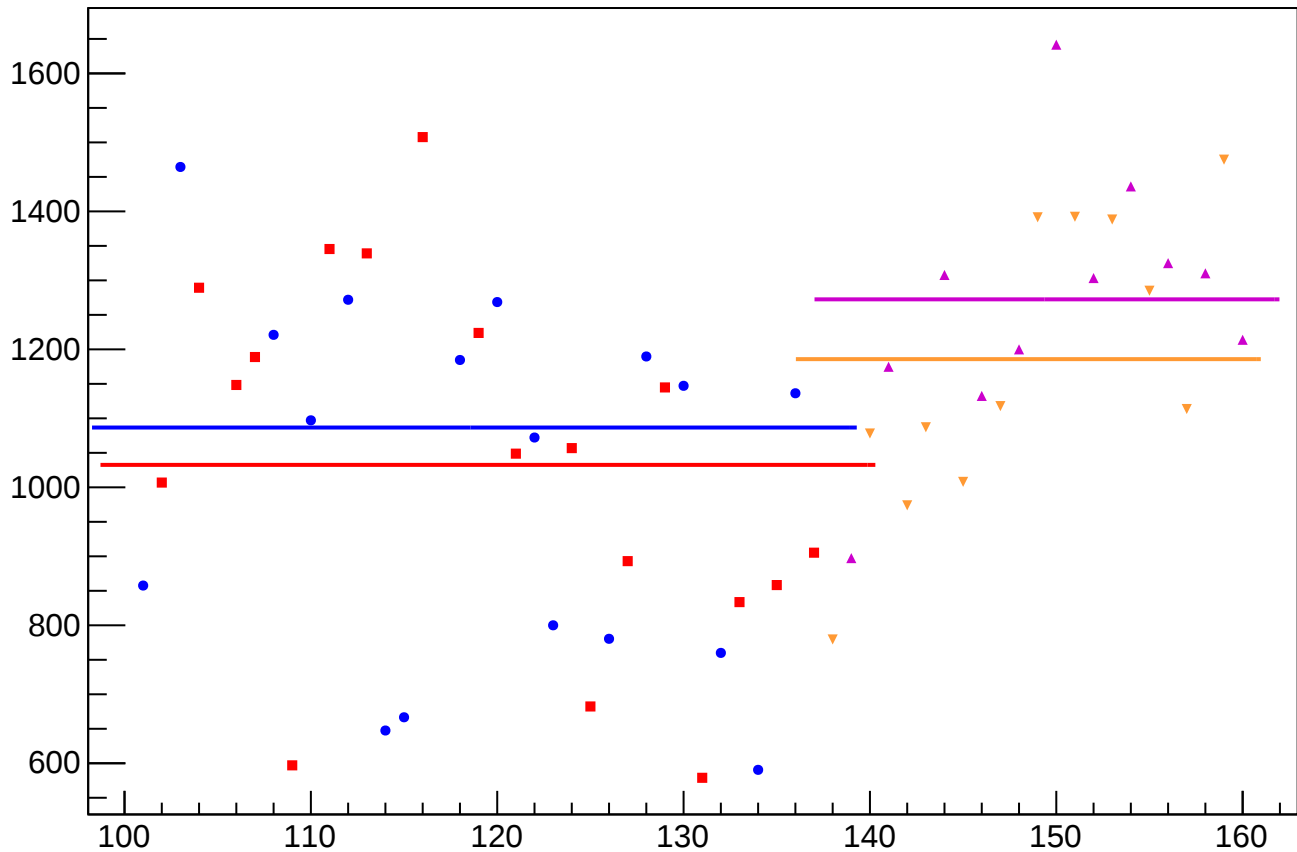
Left In: 175.349 $\pm$ 0.000 χ^2/NDF : 519457890651720785160381502035329024.0/10

+ sign 212.333 $\pm$ 0.000 χ^2/NDF : 320679849131950

All: 215.144 $\pm$ 0.000 χ^2/NDF : 586055091249

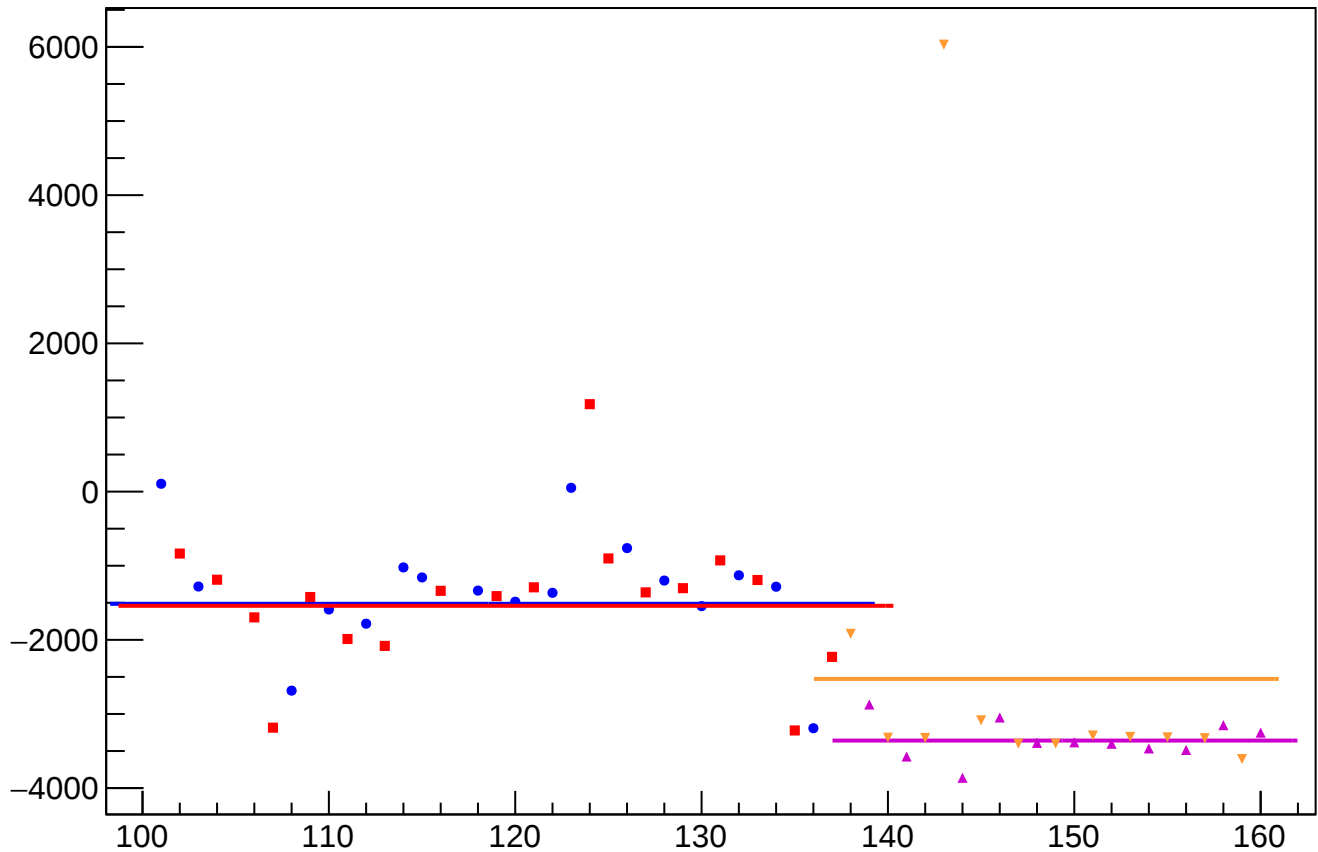
- sign 217.879 $\pm$ 0.000 χ^2/NDF : 265125315642352

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-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

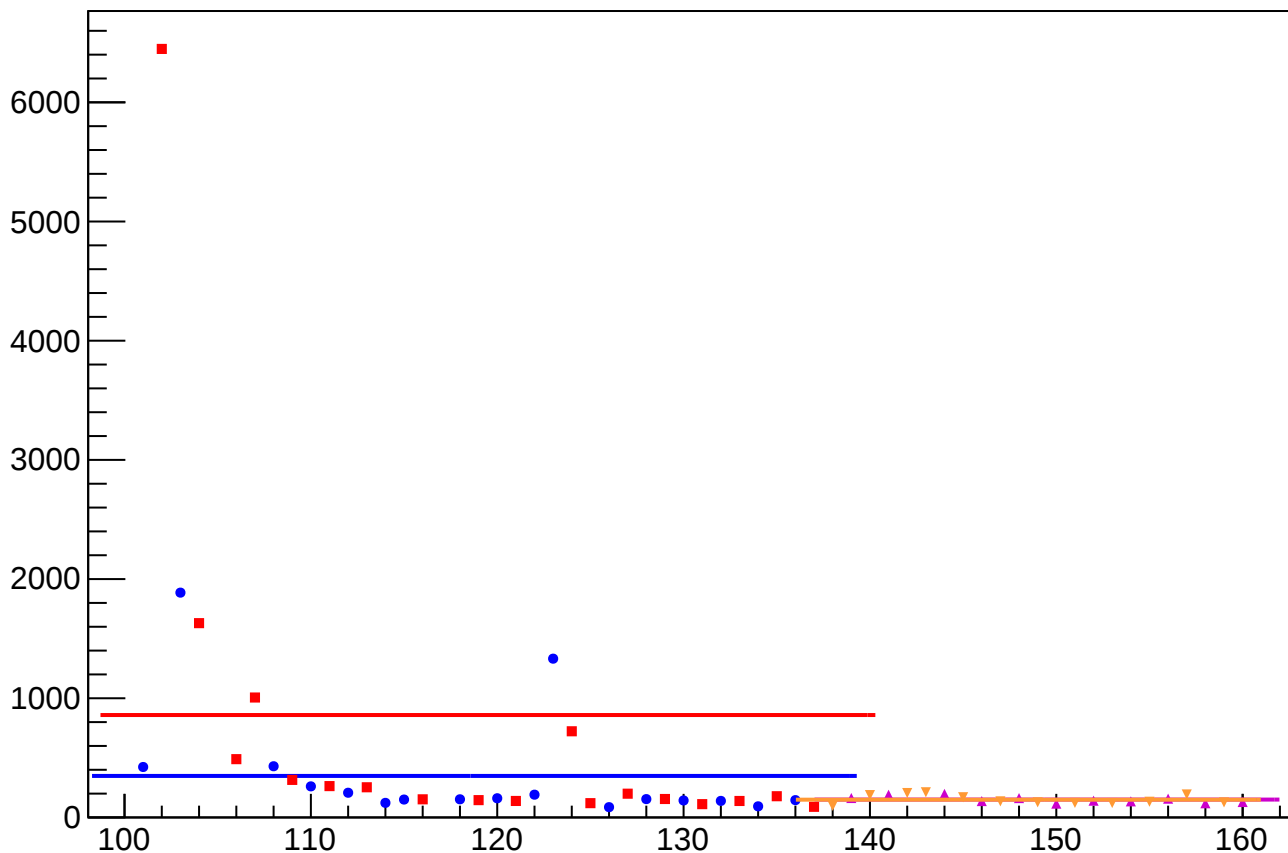
dit_atl1_coil3_mean vs Slug



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

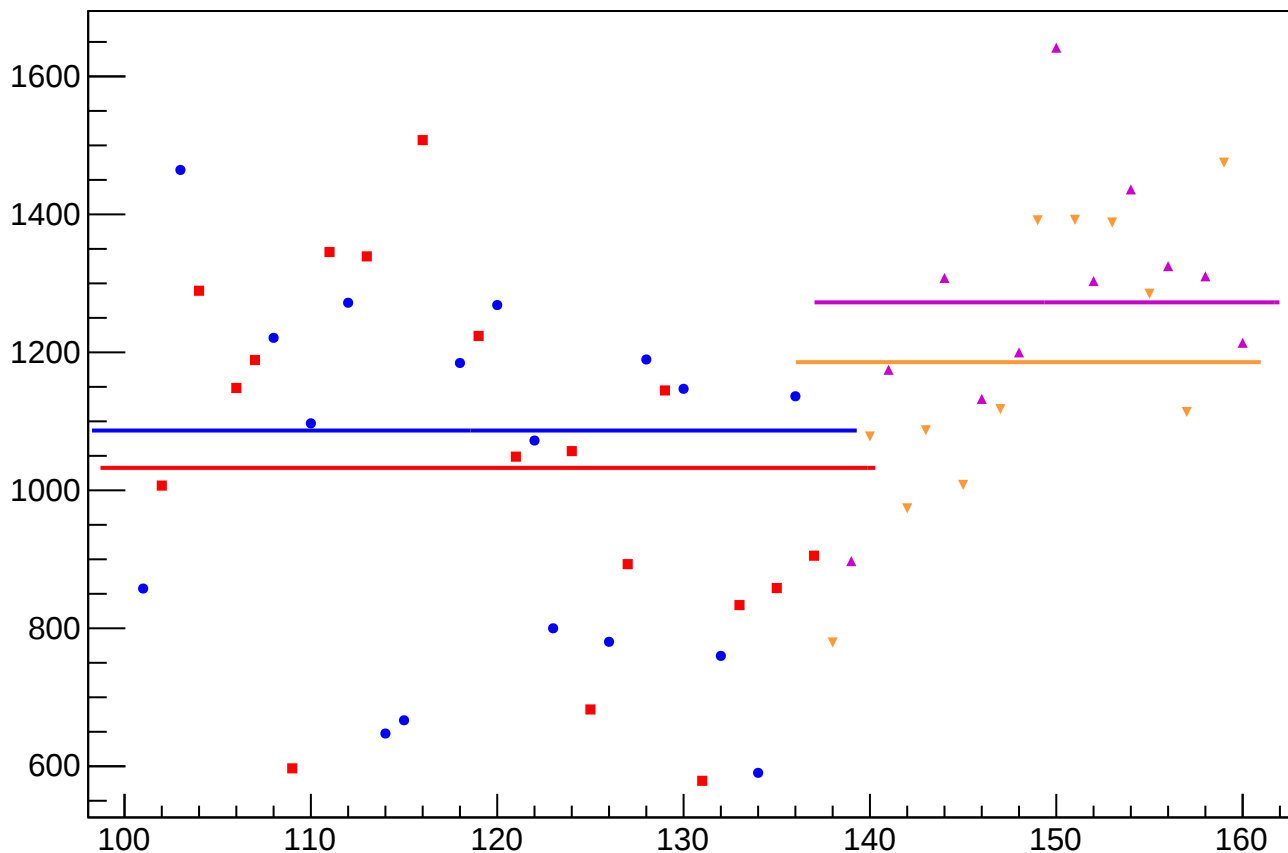
Left In: 149.996+/-0.000 χ^2/NDF : 634211210391111193289402478351089664.0/10

All: 348.142+/-0.000 χ^2/NDF : 251558210978

+ sign 235.446+/-0.000 χ^2/NDF : 181202666392950

- sign 457.760+/-0.000 χ^2/NDF : 229421817019123

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

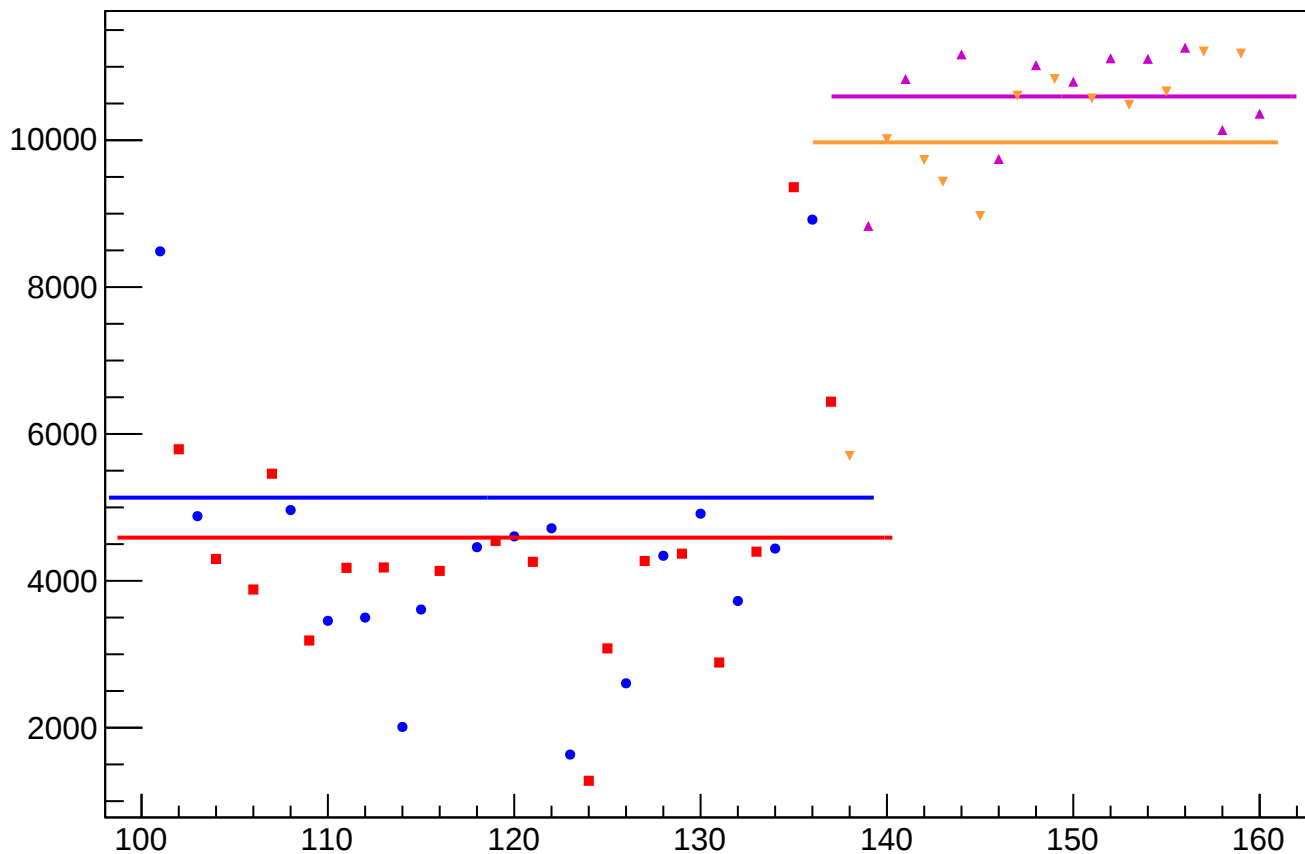
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

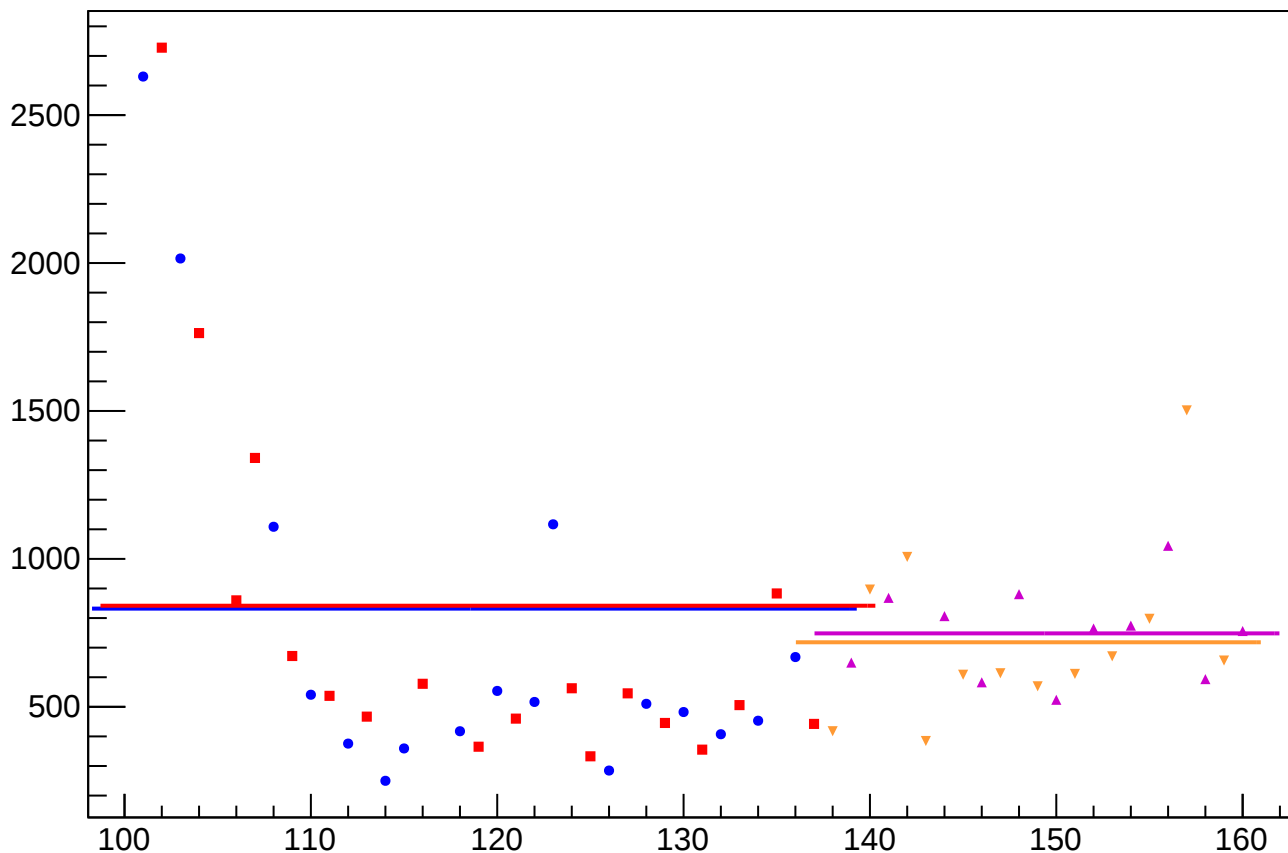
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

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



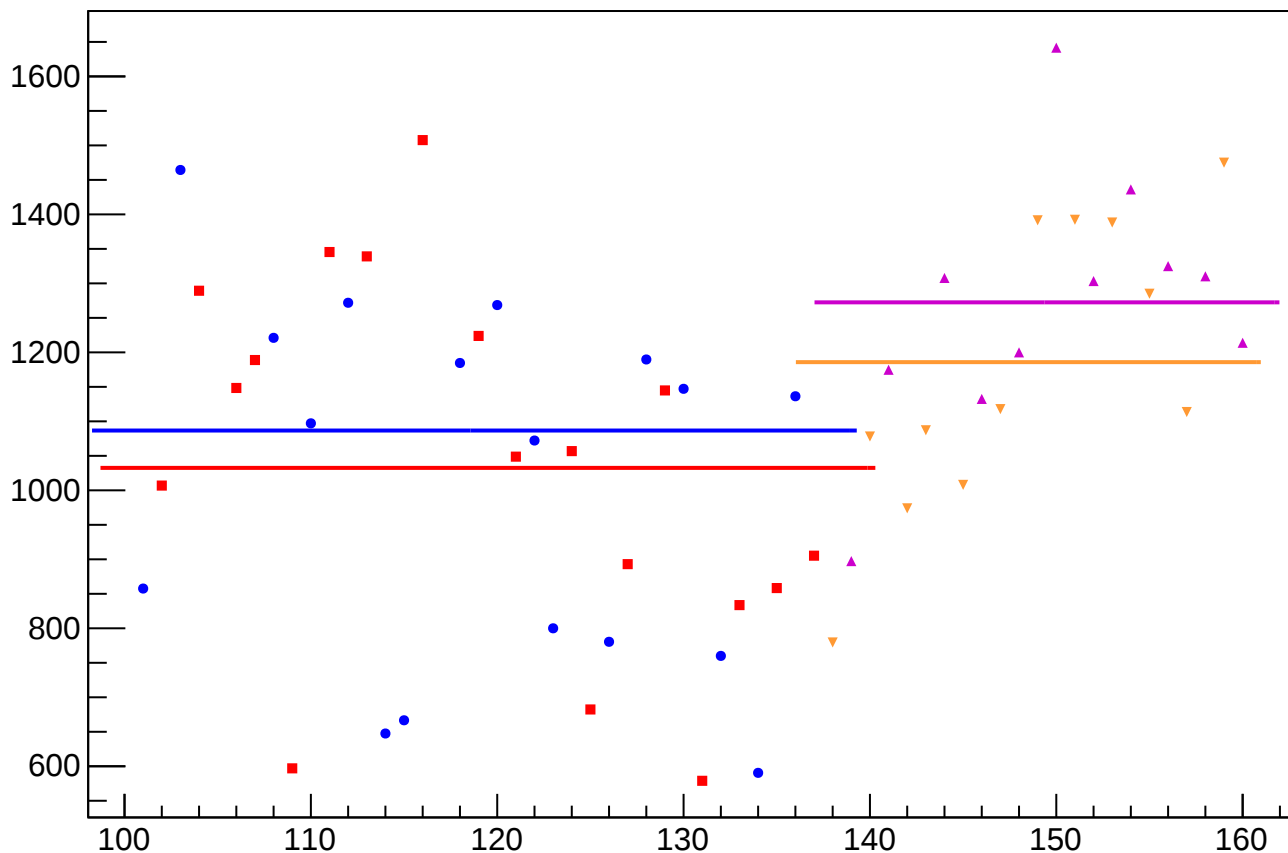
Right In: 831.957+/-0.000 χ^2/NDF : 349451729062960856481628082238677581824.0/16

Left Out: 718.149+/-0.000 χ^2/NDF : 719376202063124880899898764307977799424.0/11

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

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

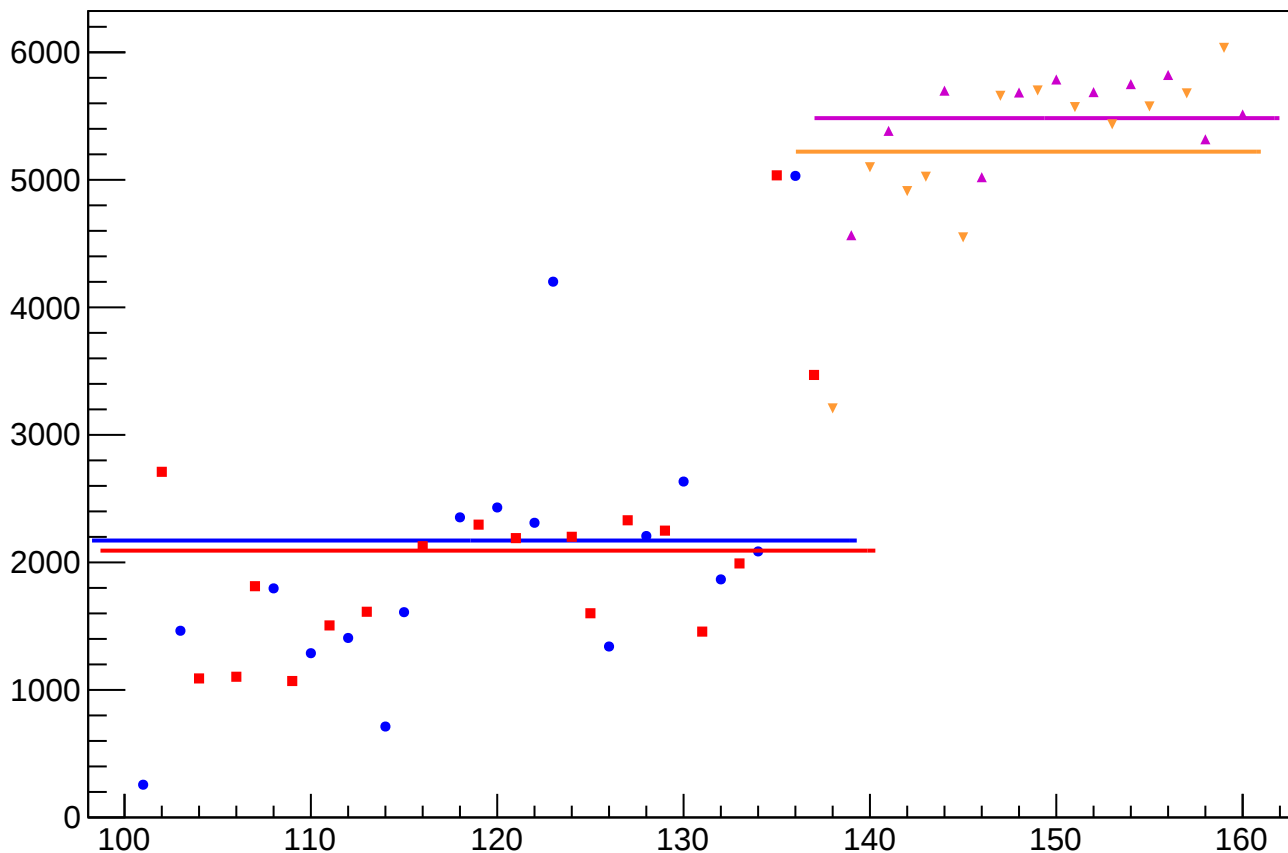
All: 1155.825+/-0.000 χ^2/NDF : 17736486682

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

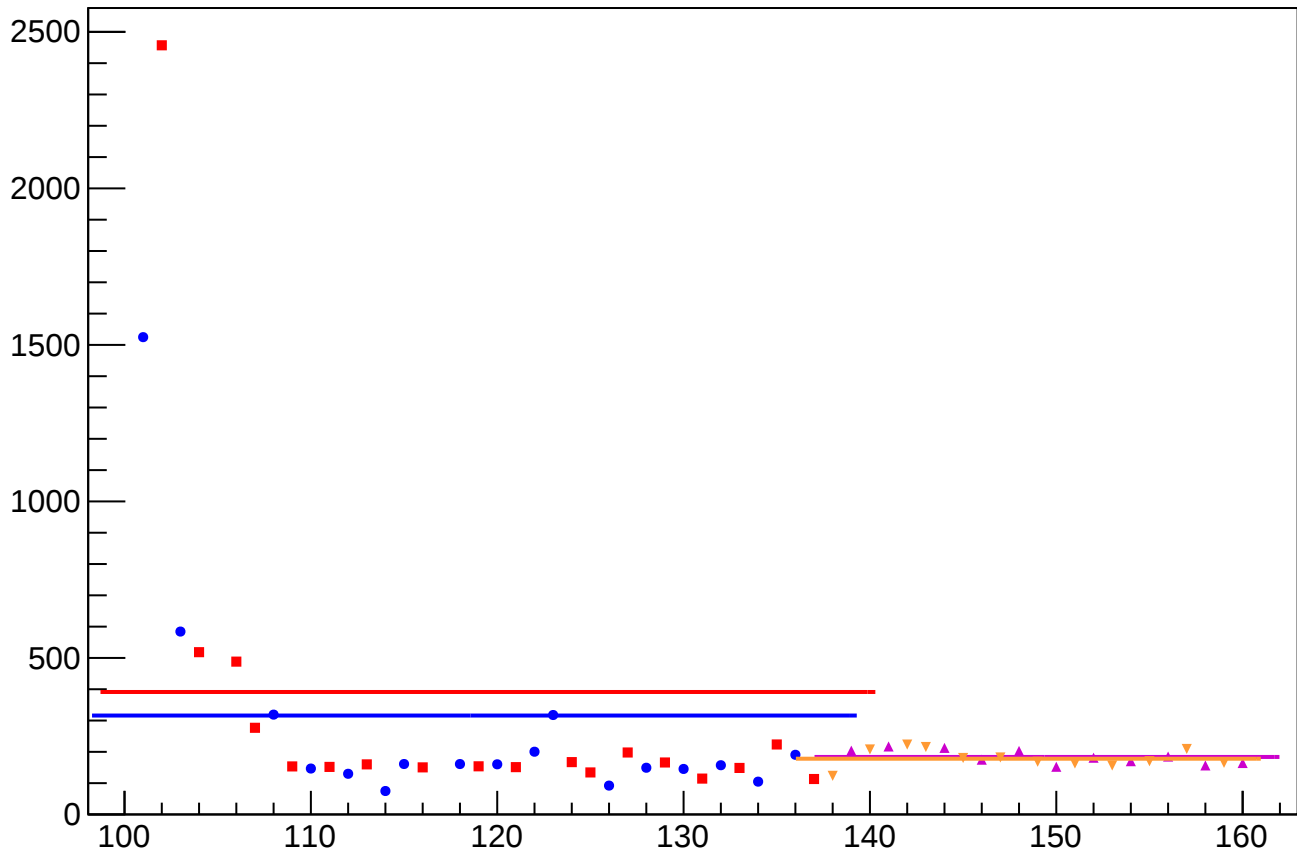
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_atr1_coil3_mean vs Slug



Right In: 2171.584+/-0.000 χ^2/NDF : 1121481436711992505747608002078061887488.0/16
 Left Out: 5221.037+/-0.000 χ^2/NDF : 485765431105029285433830000844618072064.0/11
 Right Out: 2092.361+/-0.000 χ^2/NDF : 667441885377832140265043131761621467136.0/17
 Left In: 5483.850+/-0.000 χ^2/NDF : 124207618021639643047117923230651777024.0/10

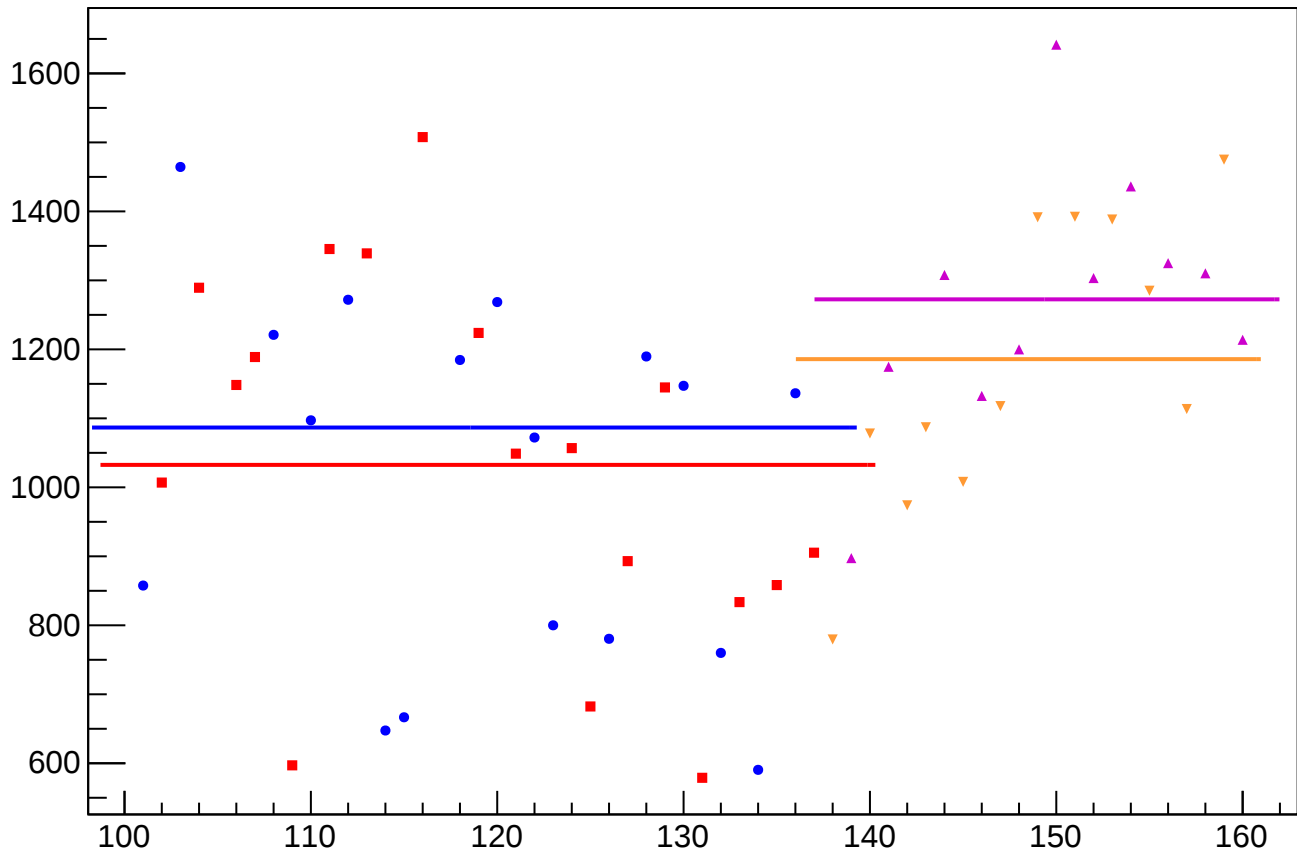
dit_atr1_coil3_err_mean vs Slug



Right In: 315.988+/-0.000	χ^2/NDF : 105245970043528229052885068868464148480.0/16
Left Out: 178.075+/-0.000	χ^2/NDF : 651585134849869206771008425477275648.0/11
Right Out: 391.241+/-0.000	χ^2/NDF : 278615743451952201300141162839823876096.0/17
Left In: 183.693+/-0.000	χ^2/NDF : 436901081723904411805948593427185664.0/10

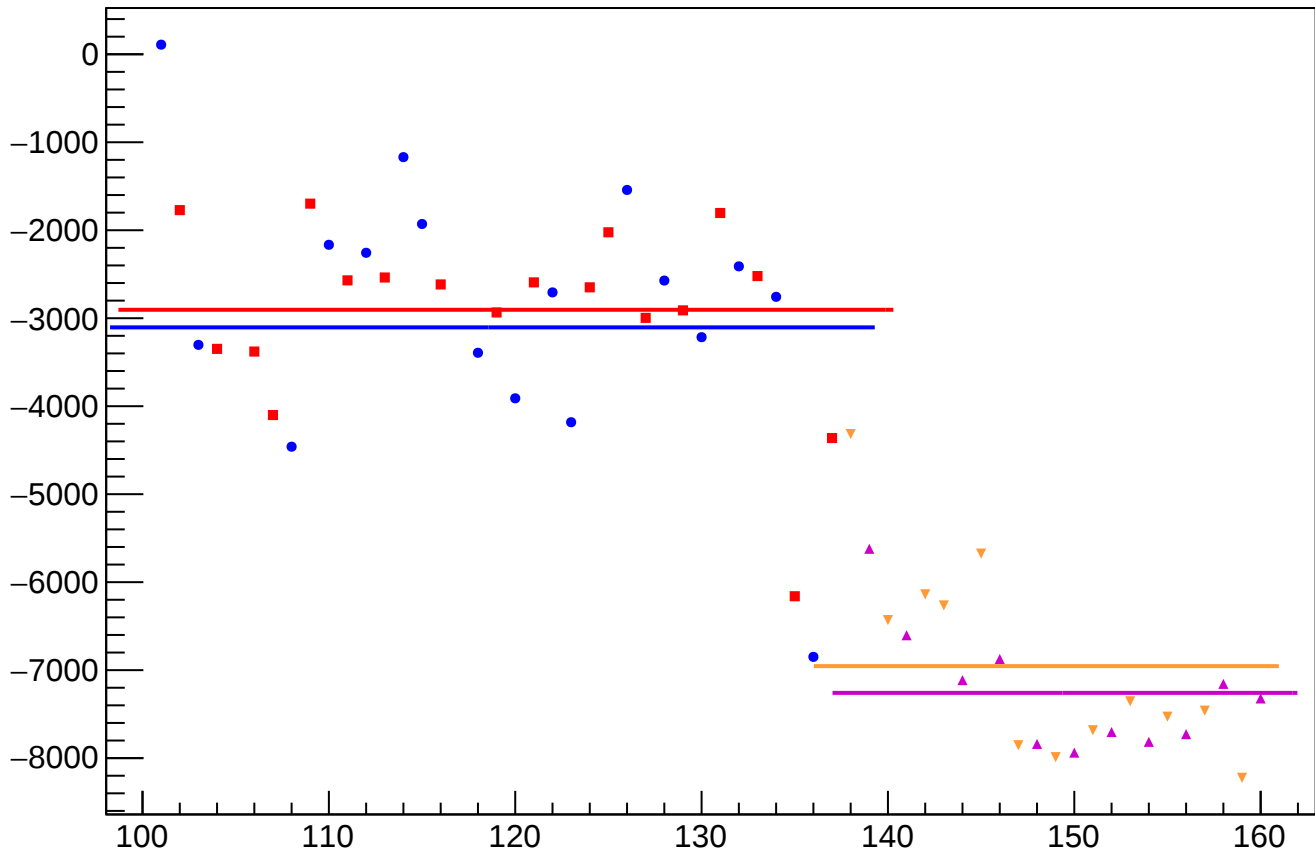
+ sign 237.783+/-0.000 χ^2/NDF : 113382762645642
 All: 256.010+/-0.000 χ^2/NDF : 410922874880
 - sign 273.739+/-0.000 χ^2/NDF : 296489530916399

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-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

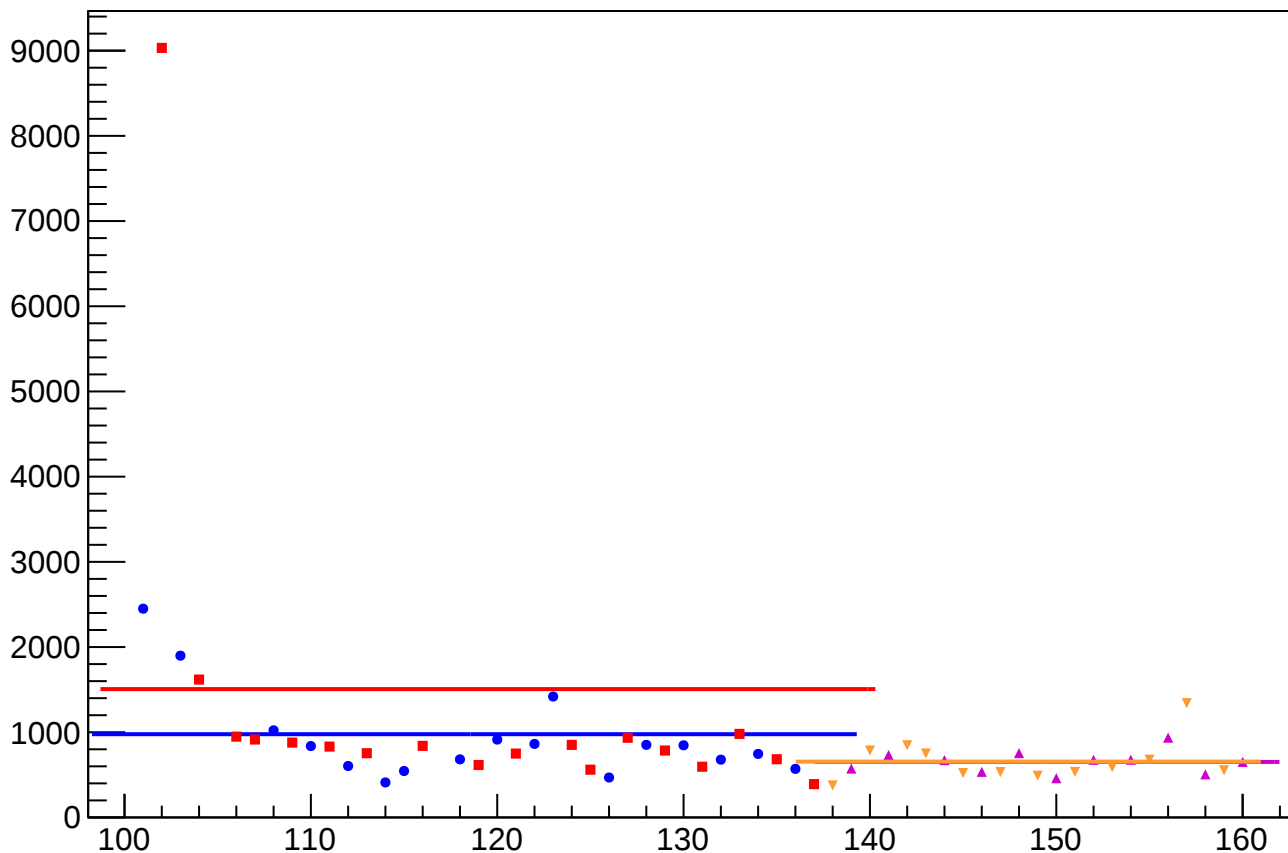
dit_atr2_coil3_mean vs Slug



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



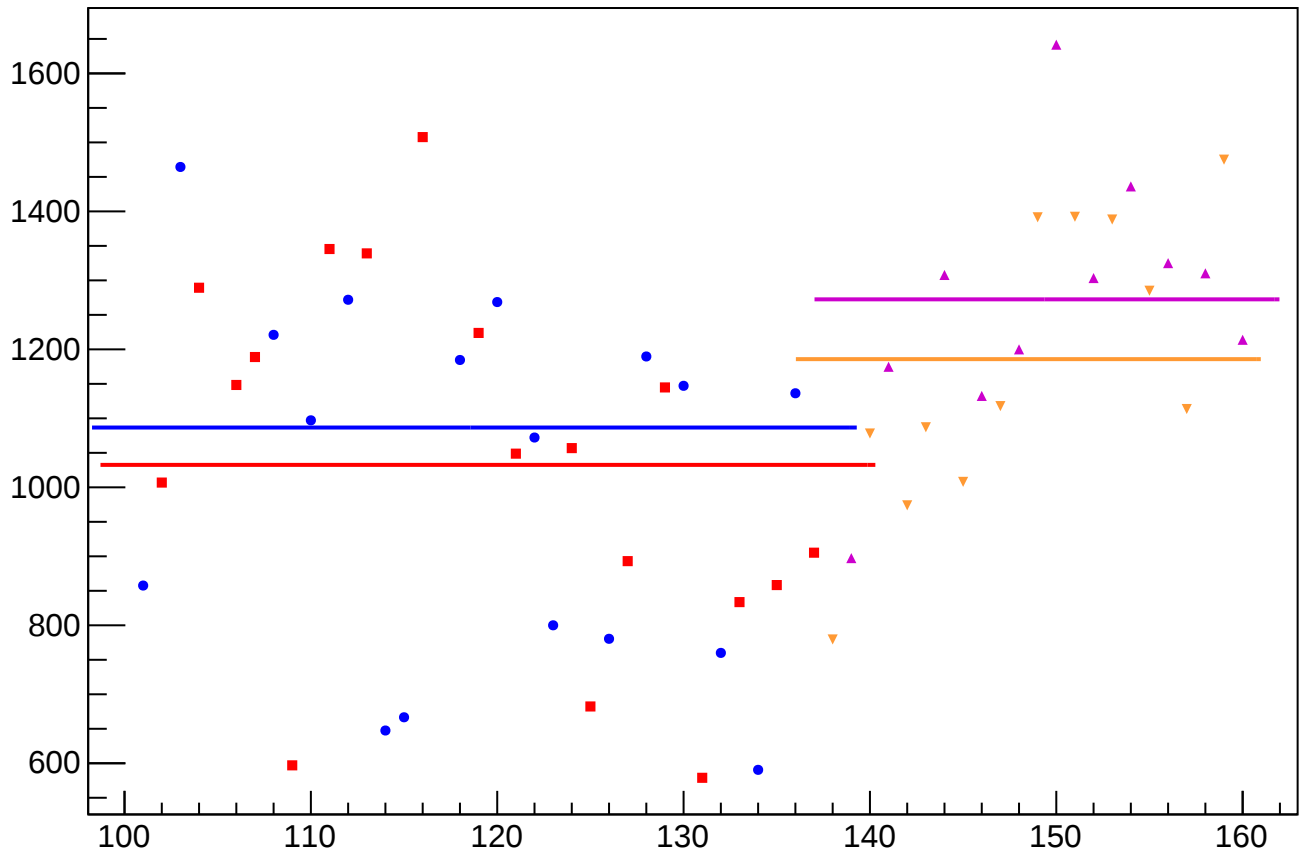
Right In: 977.095+/-0.000 χ^2/NDF : 229572106069348964280530708212477853696.0/16

Left Out: 655.166+/-0.000 χ^2/NDF : 51874874251518032023744139034586251264.0/11

Right Out: 1506.543+/-0.000 χ^2/NDF : 3621204096431683433019783695973291655168.0/17

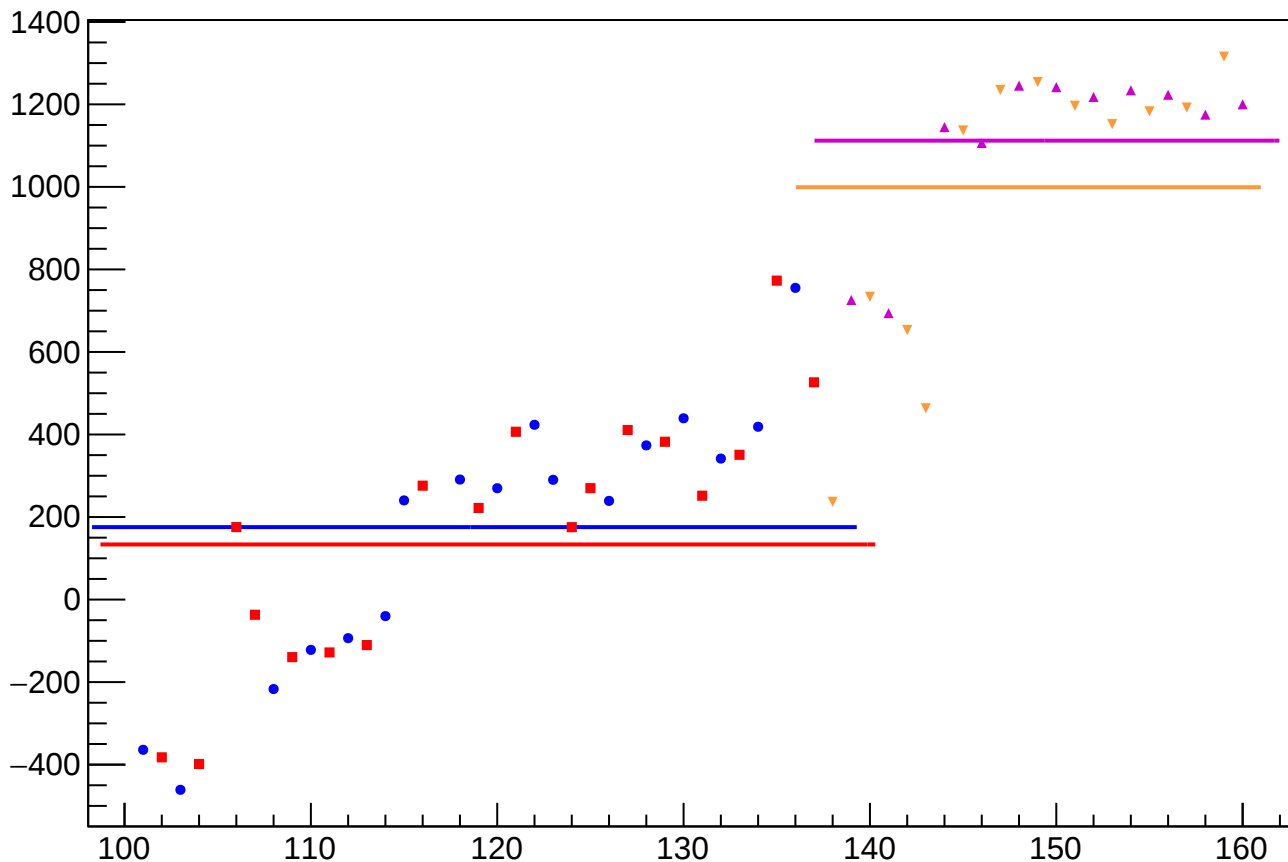
Left In: 651.533+/-0.000 χ^2/NDF : 14771751730893507411820547842989096960.0/10

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

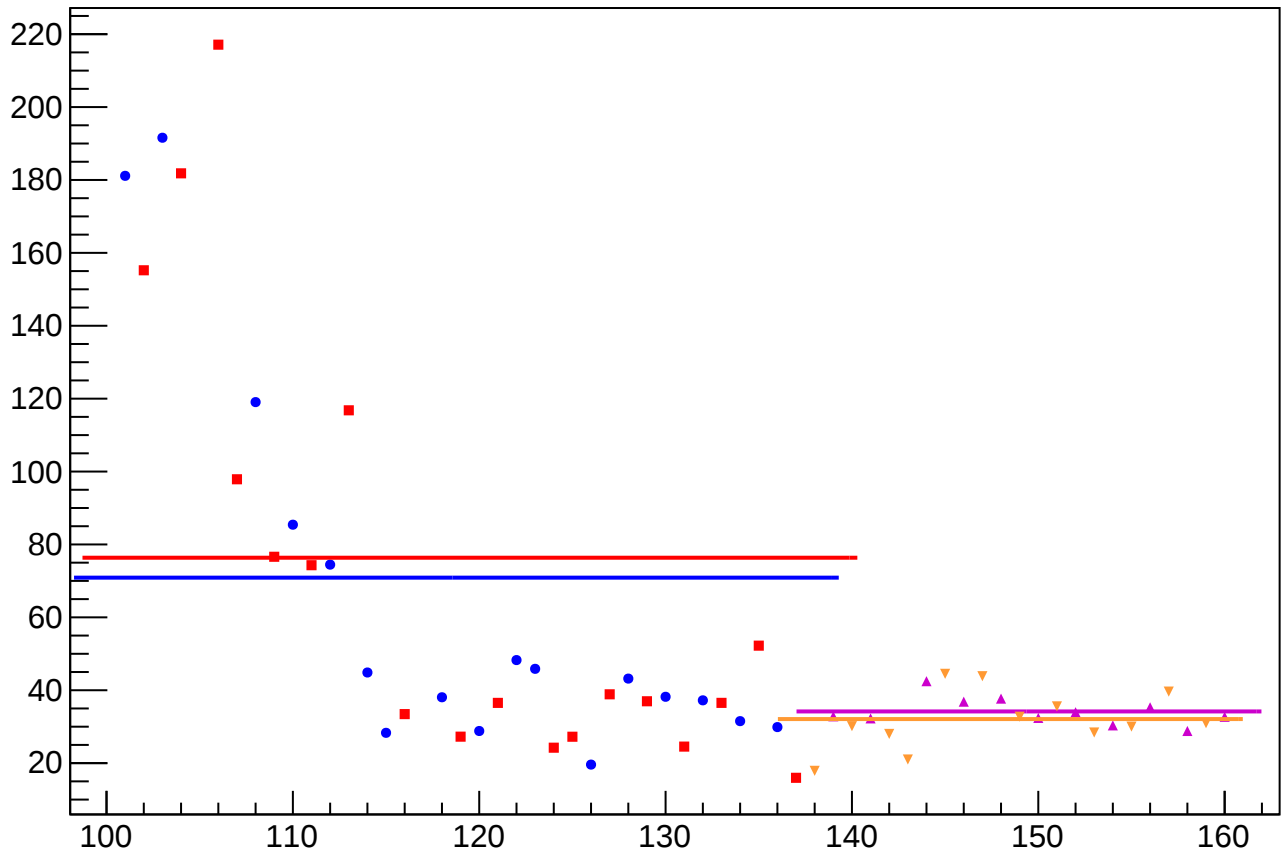
Left In: 1112.074+/-0.000 χ^2/NDF : 34304488318555265110633397434623983616.0/10

+ 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

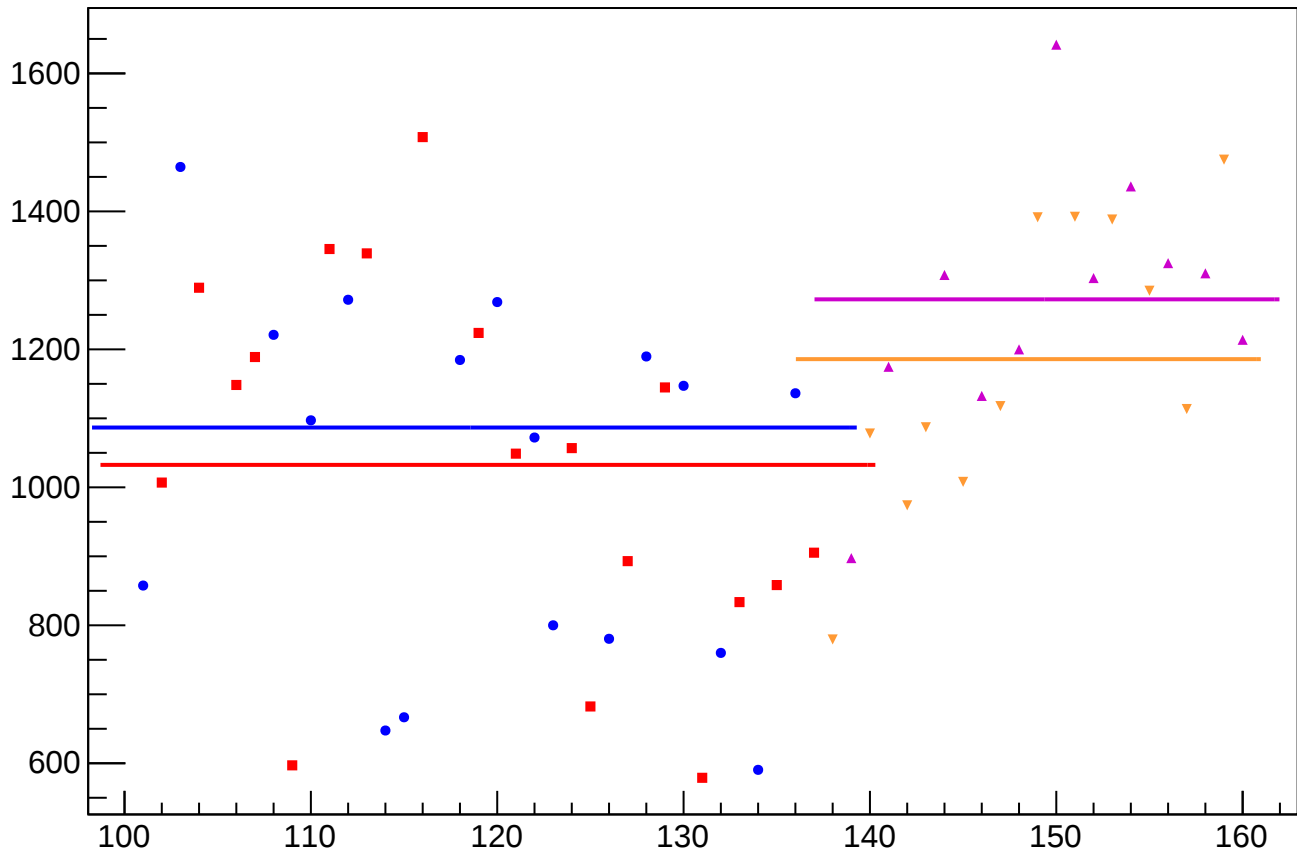
Left In: 34.184+/-0.000 χ^2/NDF : 12426918146189706802189676664848384.0/10

+ sign 48.890+/-0.000 χ^2/NDF : 2922849558667242

All: 50.711+/-0.000 χ^2/NDF : 6048160583171

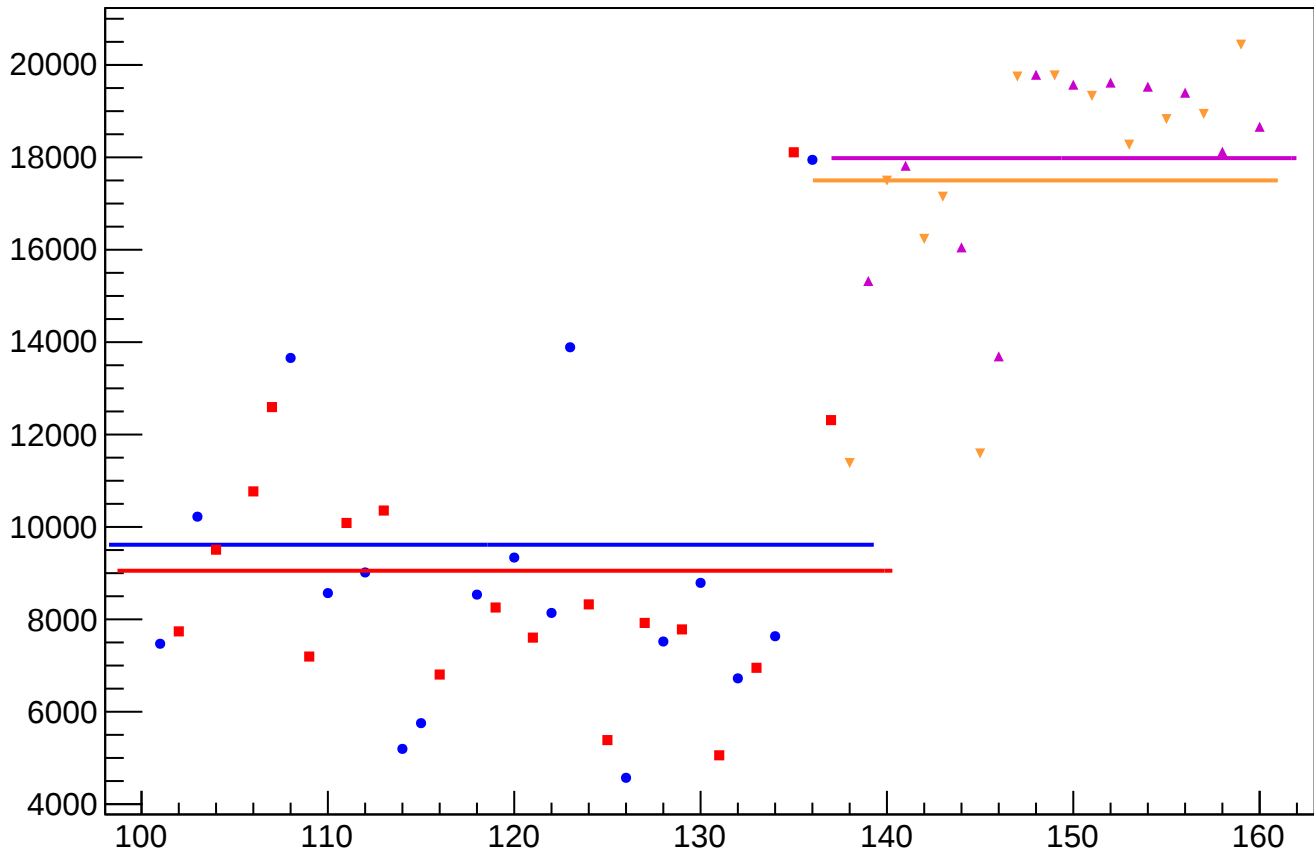
- sign 52.483+/-0.000 χ^2/NDF : 3114822076713713

dit_sam1_coil3_Ndata_mean vs Slug



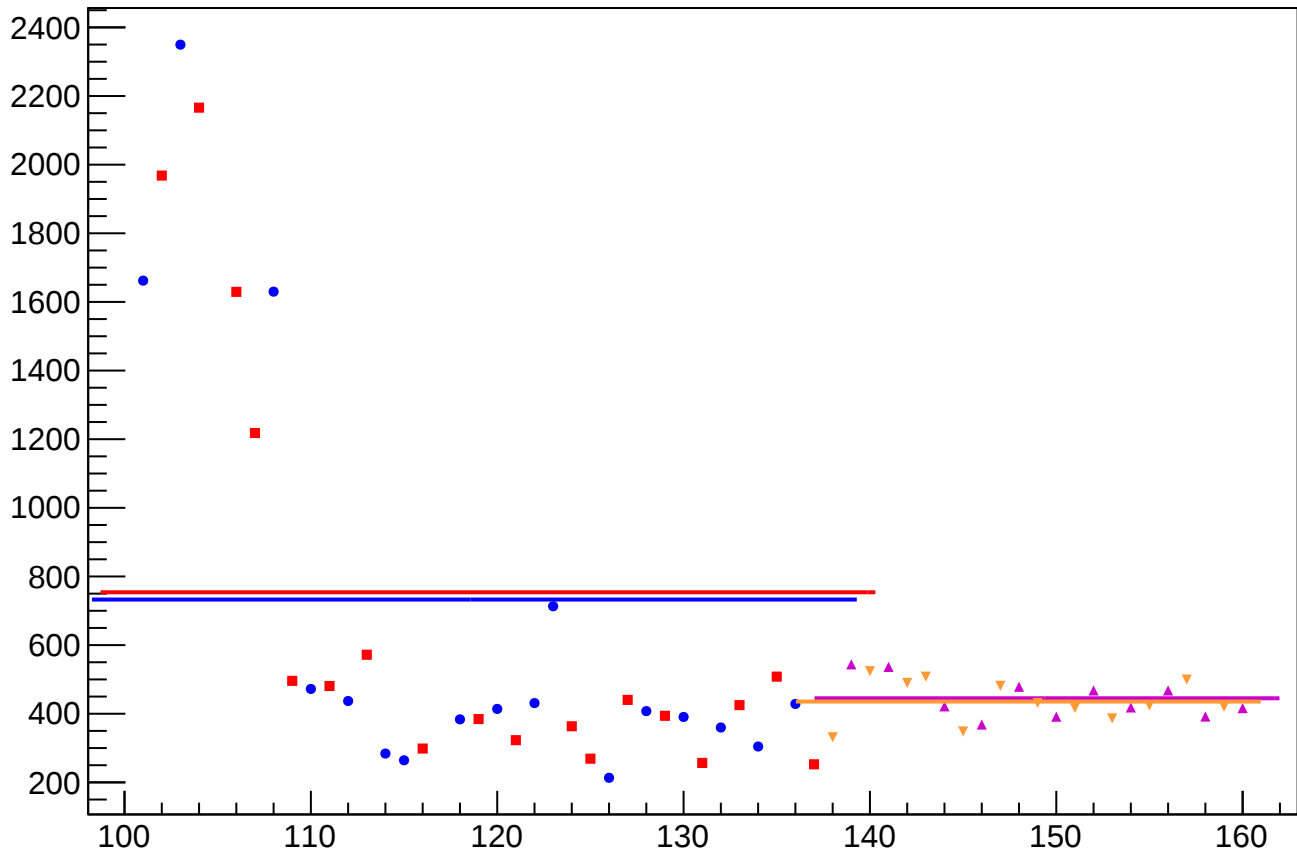
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_sam2_coil3_mean vs Slug



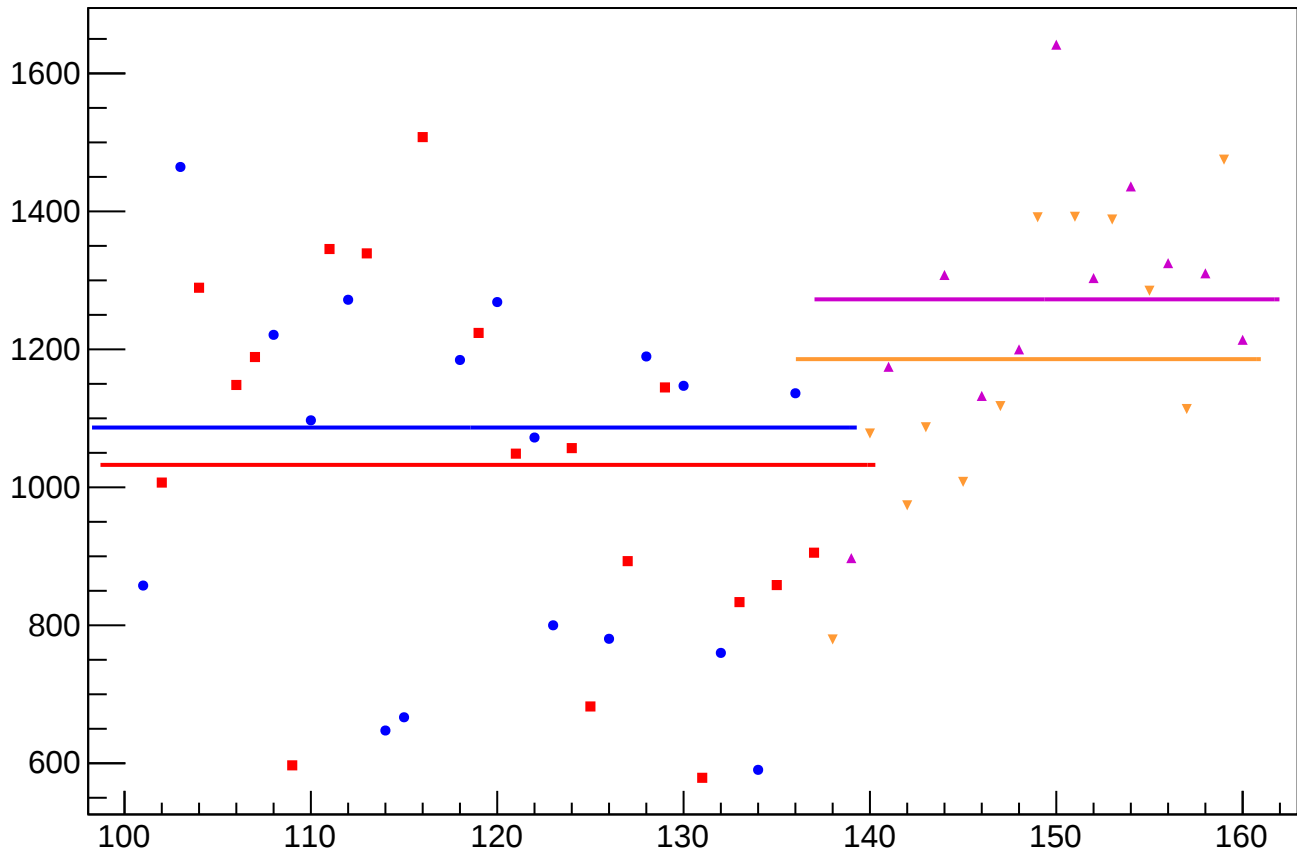
Right In: 9614.932+/-0.000 χ^2/NDF : 9450588438014082769578324832201526476800.0/16
 Left Out: 17500.786+/-0.000 χ^2/NDF : 7846813012026023217295297642858706632704.0/11
 Right Out: 9052.441+/-0.000 χ^2/NDF : 6723672544856808135538254172135519944704.0/17
 Left In: 17983.189+/-0.000 χ^2/NDF : 3584595715288567917039077291852254150656.0/10

dit_sam2_coil3_err_mean vs Slug



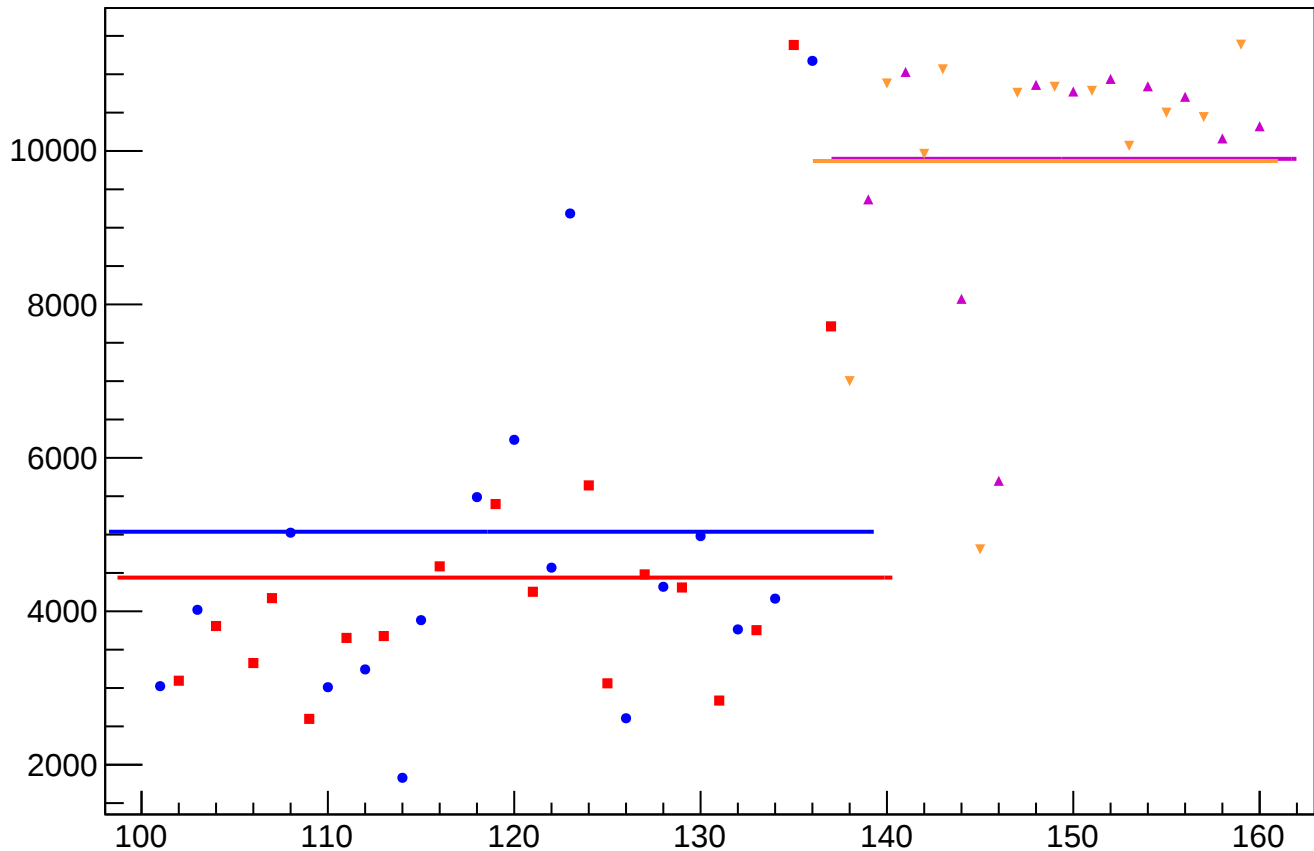
Right In: 732.742+/-0.000 χ^2/NDF : 301740459340268060292037793871684435968.0/16
 Left Out: 435.461+/-0.000 χ^2/NDF : 3296772866704872156721083756341886976.0/11
 Right Out: 753.888+/-0.000 χ^2/NDF : 288199108578840040054796930815893700608.0/17
 Left In: 445.056+/-0.000 χ^2/NDF : 2842998762330216596366474874240106496.0/10

dit_sam2_coil3_Ndata_mean vs Slug



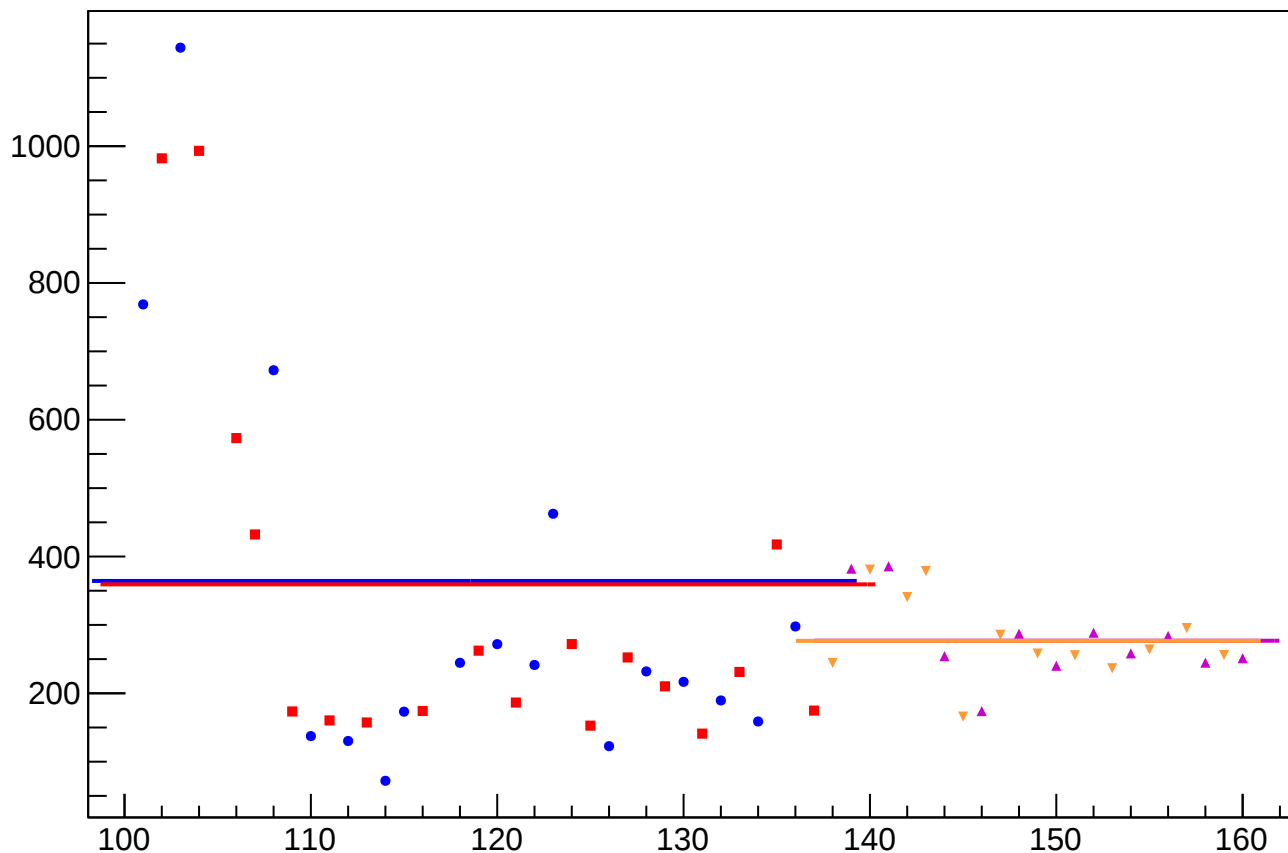
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

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

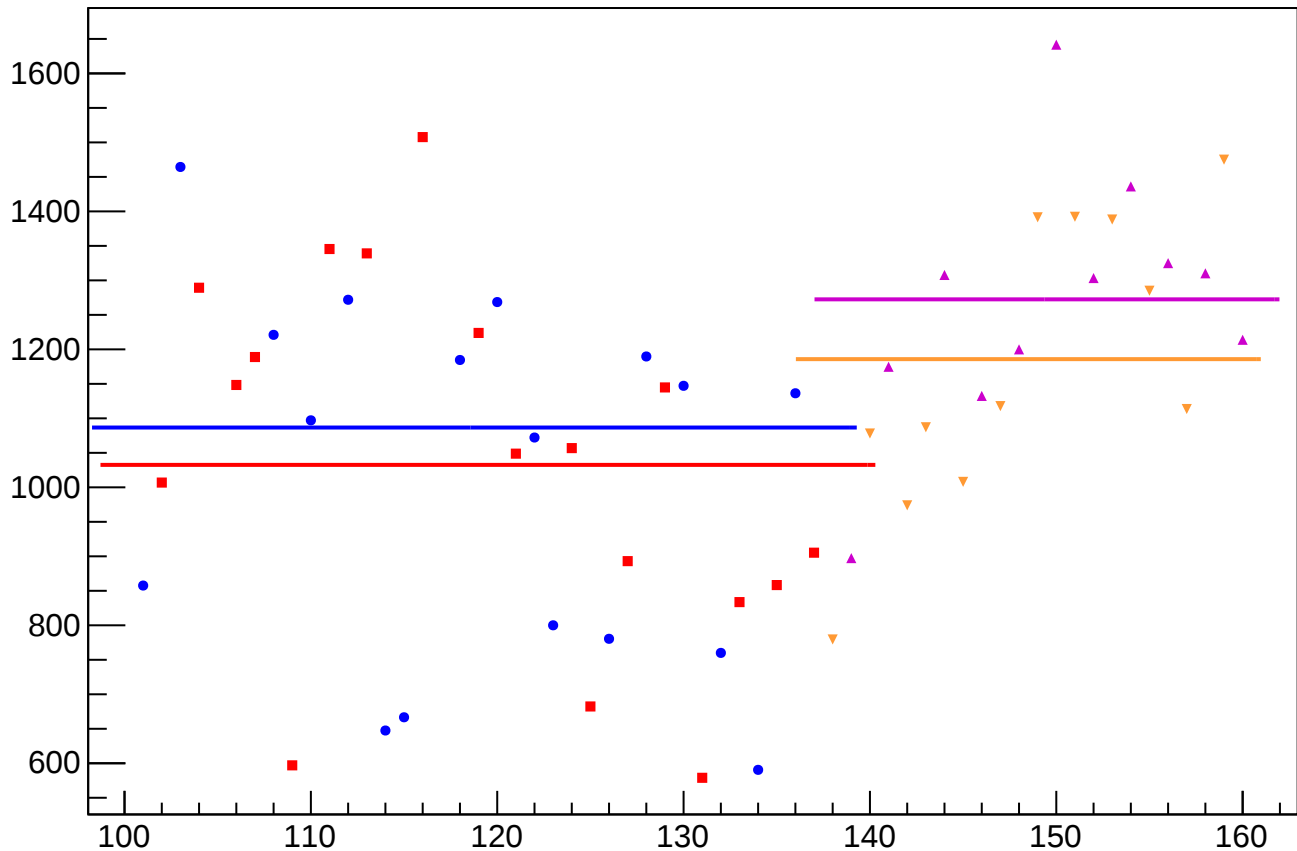
Left In: 276.882+/-0.000 χ^2/NDF : 3143786563000529318336573721943212032.0/10

All: 313.609+/-0.000 χ^2/NDF : 134669249845

+ sign 314.613+/-0.000 χ^2/NDF : 699348999642394

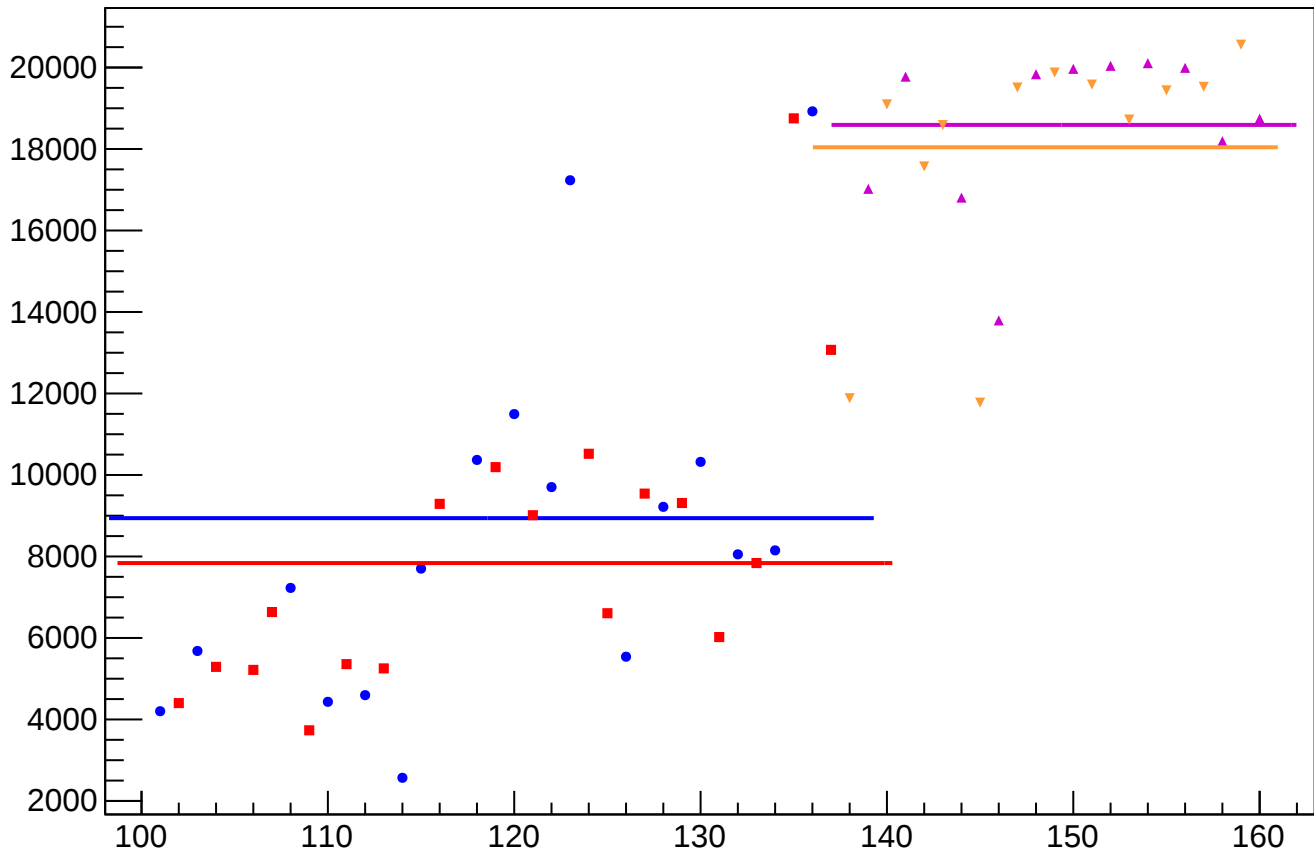
- sign 312.632+/-0.000 χ^2/NDF : 647311632661651

dit_sam3_coil3_Ndata_mean vs Slug



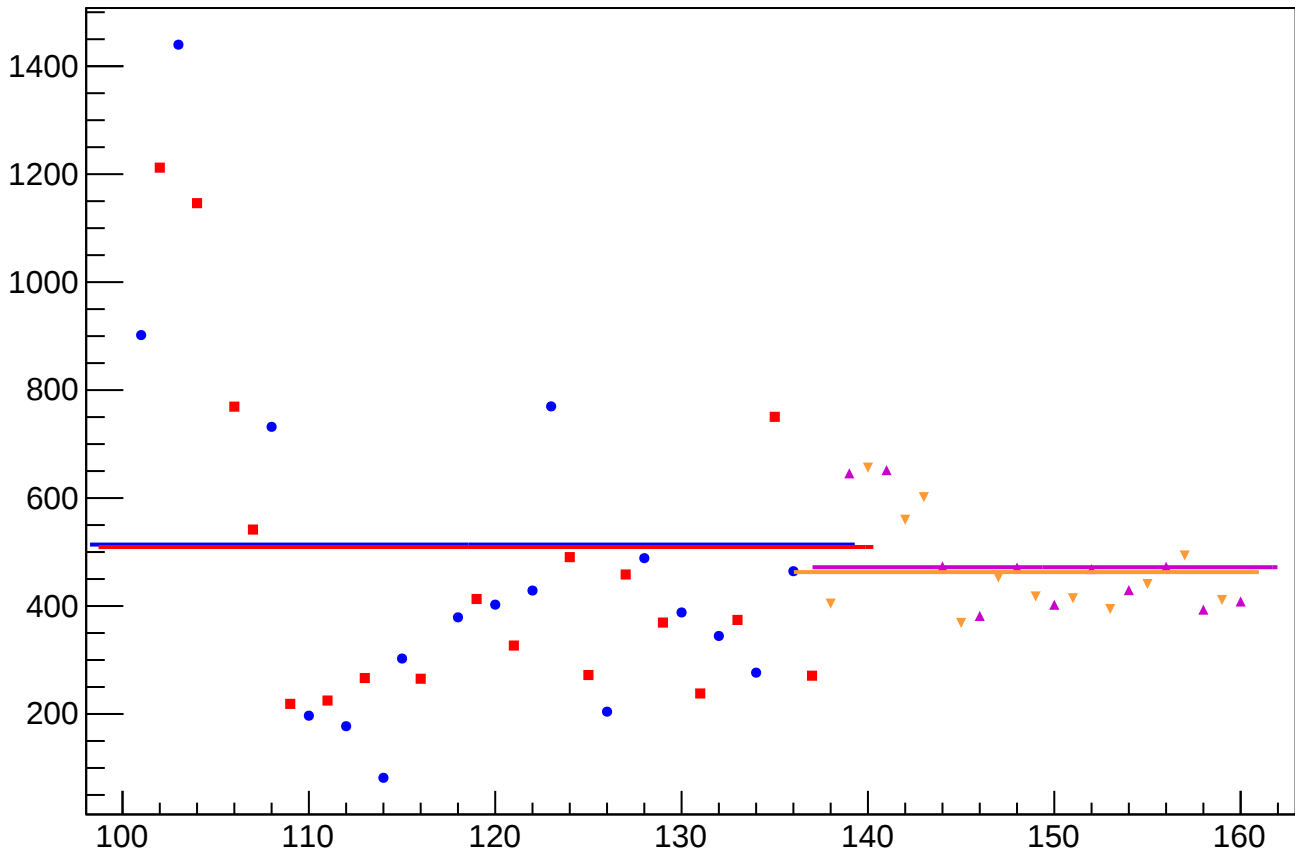
Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10
 + sign 1142.906 $\pm$ 0.000 χ^2 /NDF: 76037619994785
 All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682
 - sign 1168.390 $\pm$ 0.000 χ^2 /NDF: 10079953084874

dit_sam4_coil3_mean vs Slug



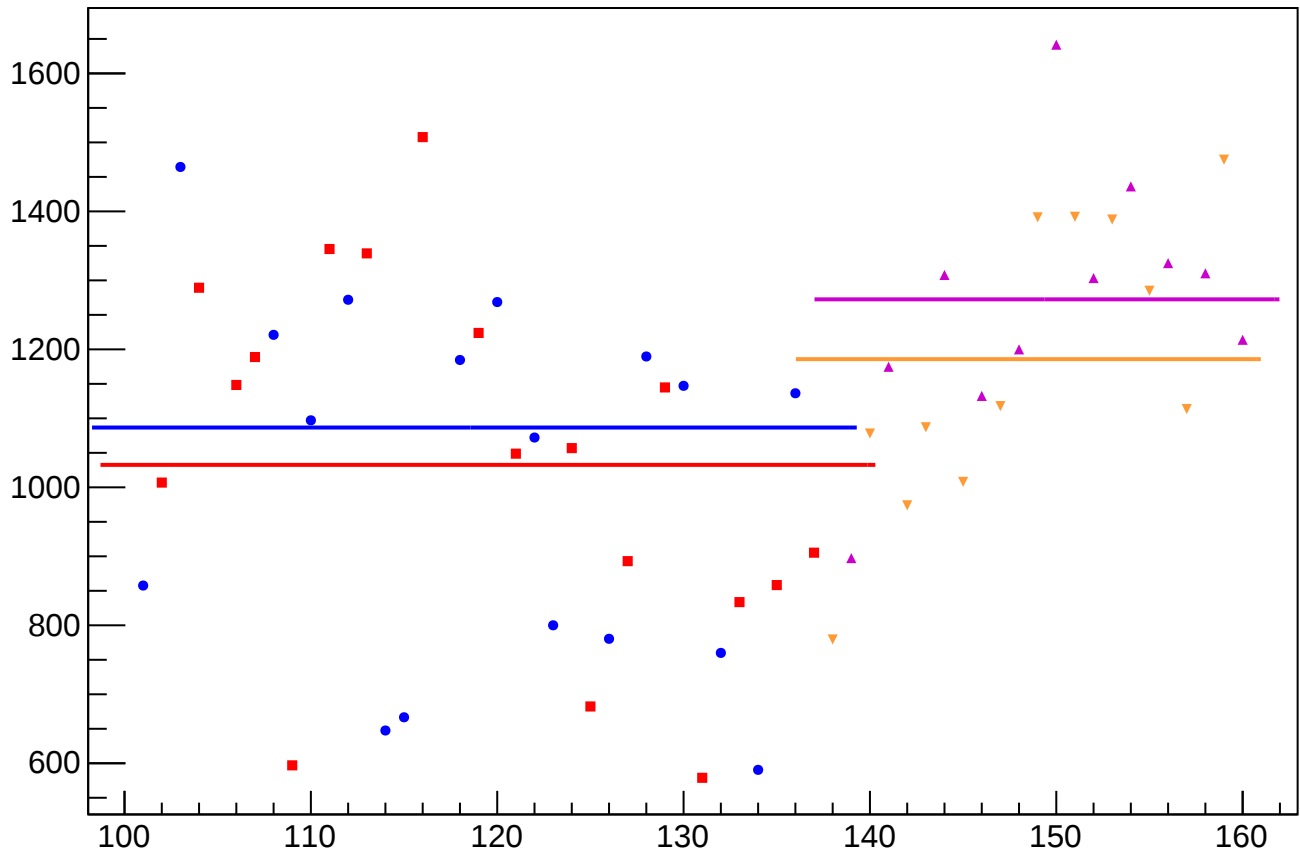
Right In: 8940.709+/-0.000 χ^2/NDF : 14252298982323079680975069701388839682048.0/16
 Left Out: 18042.230+/-0.000 χ^2/NDF : 7640646522897487857135230772113708154880.0/11
 Right Out: 7838.226+/-0.000 χ^2/NDF : 9846913896882704140251290027429415878656.0/17
 Left In: 18591.547+/-0.000 χ^2/NDF : 3373827841621741048896229754913272365056.0/10

dit_sam4_coil3_err_mean vs Slug



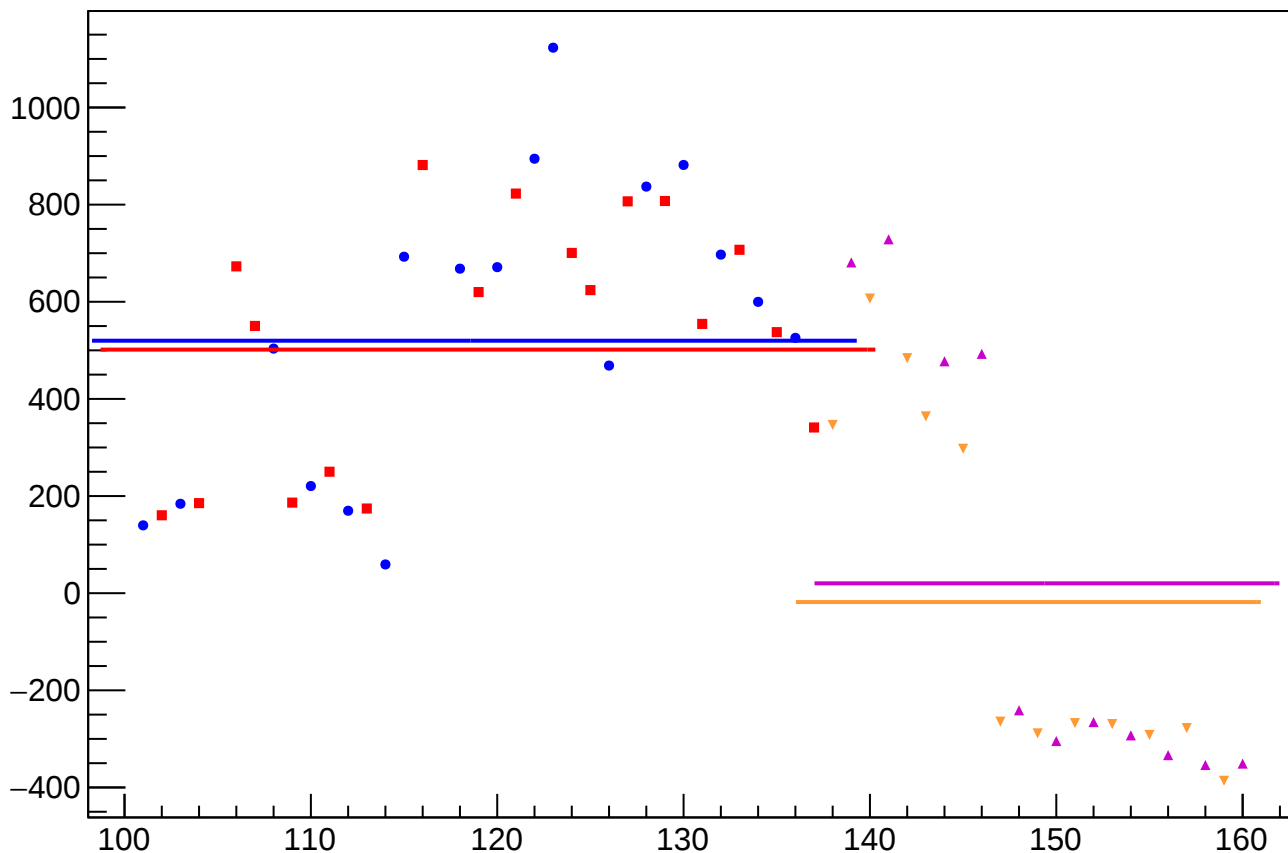
Right In: 513.843+/-0.000	χ^2/NDF : 82523650579604289792107532326249955328.0/16	+ sign 484.924+/-0.000	χ^2/NDF : 903778441128844
Left Out: 462.844+/-0.000	χ^2/NDF : 6830648525623684817395137022896635904.0/11	All: 486.558+/-0.000	χ^2/NDF : 17394597549
Right Out: 509.362+/-0.000	χ^2/NDF : 75678926781858707627162203023281750016.0/17	- sign 488.147+/-0.000	χ^2/NDF : 835596883416508
Left In: 471.889+/-0.000	χ^2/NDF : 7312350507184124665031072386098659328.0/10		

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10
 All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682
 + sign 1142.906 $\pm$ 0.000 χ^2 /NDF: 76037619994785
 - sign 1168.390 $\pm$ 0.000 χ^2 /NDF: 10079953084874

dit_sam5_coil3_mean vs Slug



Right In: 519.845+/-0.000 χ^2/NDF : 50391712122122241983004017290687545344.0/16

+ sign 214.715+/-0.000 χ^2/NDF : 278712564493039

Left Out: -18.246+/-0.000 χ^2/NDF : 114374265303636923998653923051335319552.0/11

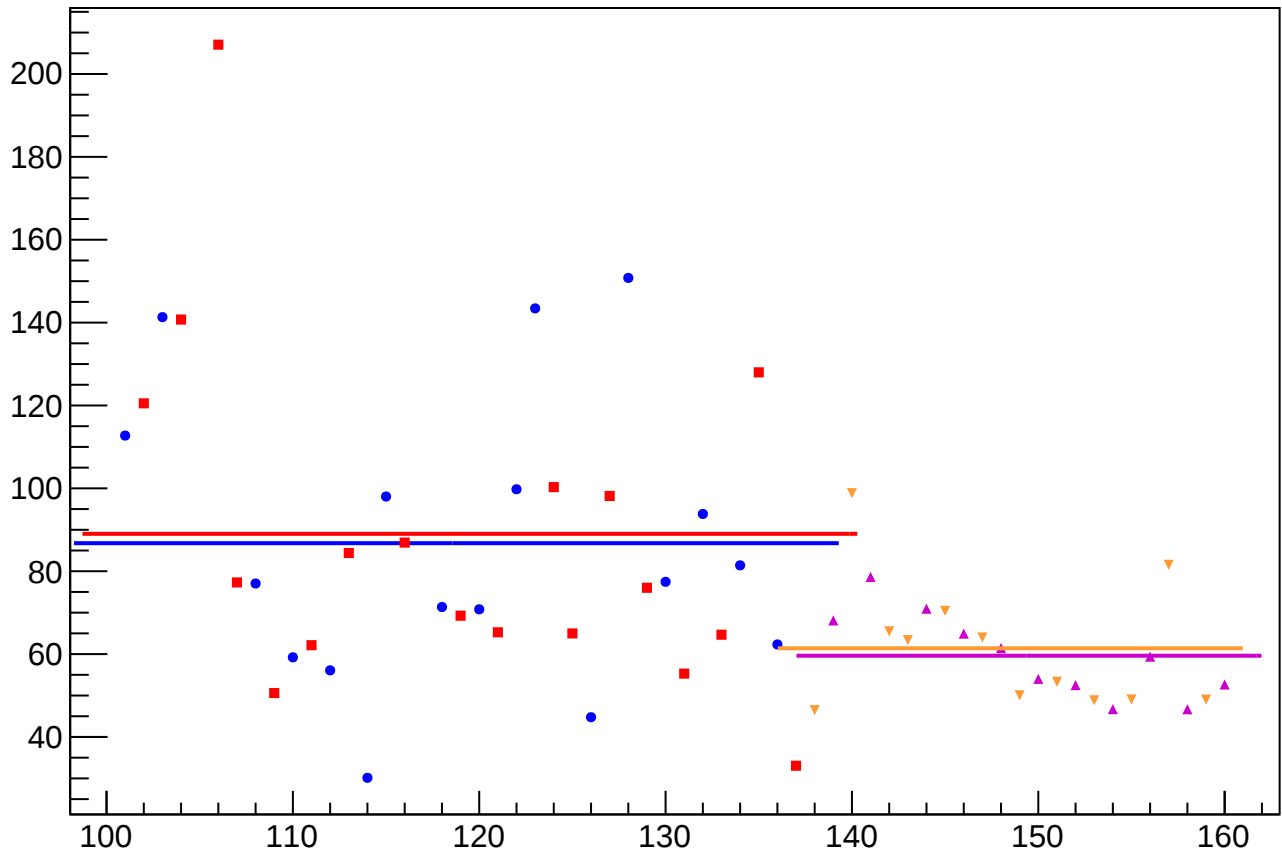
All: 222.007+/-0.000 χ^2/NDF : 597278728263

Right Out: 501.527+/-0.000 χ^2/NDF : 45593938816418547057443342639695921152.0/17

- sign 229.100+/-0.000 χ^2/NDF : 318398000001888

Left In: 20.328+/-0.000 χ^2/NDF : 179073709967558112986870071766256975872.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 86.768+/-0.000 χ^2/NDF : 727044528904958232730586242846031872.0/16

Left Out: 61.403+/-0.000 χ^2/NDF : 223902255538930337202441578161897472.0/11

Right Out: 89.028+/-0.000 χ^2/NDF : 1014702057025769592460755223634247680.0/17

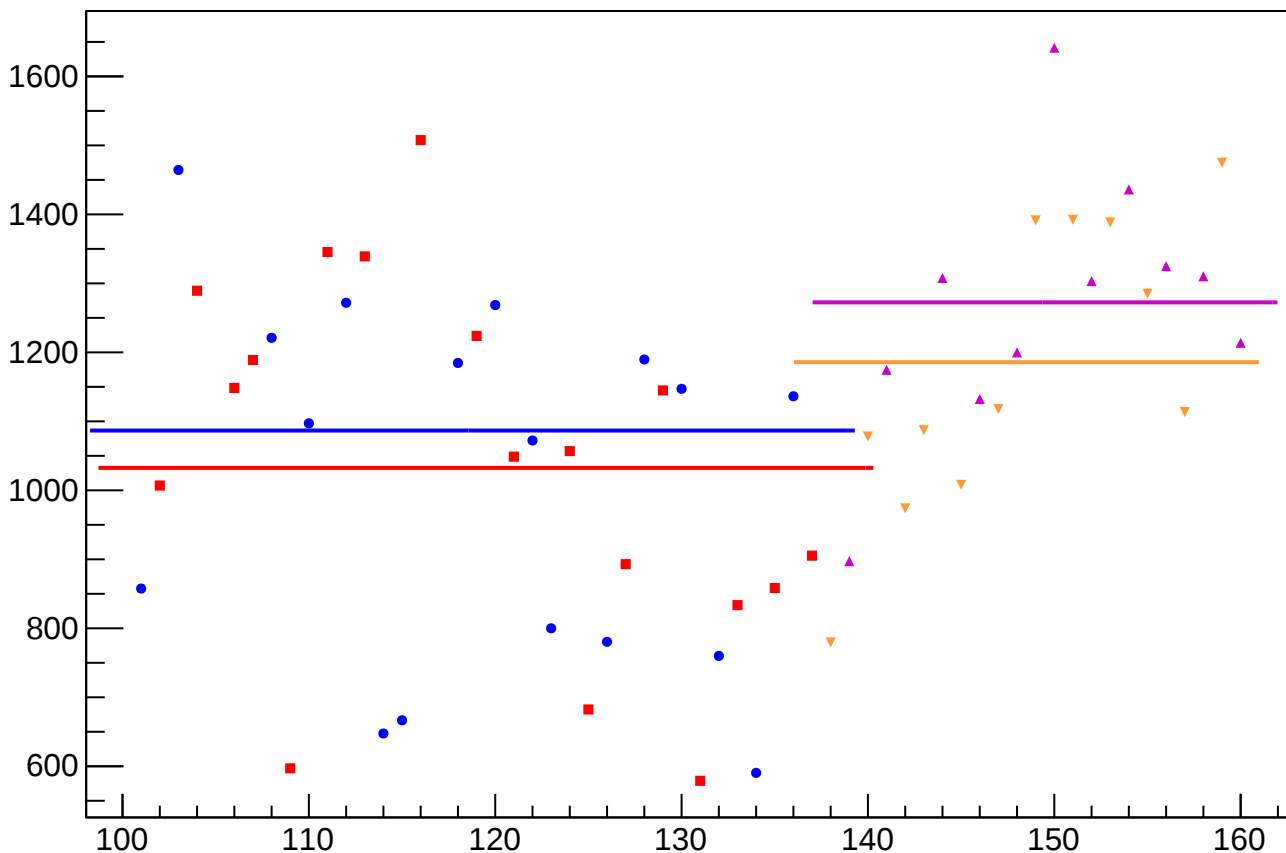
Left In: 59.611+/-0.000 χ^2/NDF : 90277020610973878591704182850322432.0/10

+ sign 72.384+/-0.000 χ^2/NDF : 1204145407859687

All: 72.379+/-0.000 χ^2/NDF : 2659416943751

- sign 72.374+/-0.000 χ^2/NDF : 1455271447529364

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

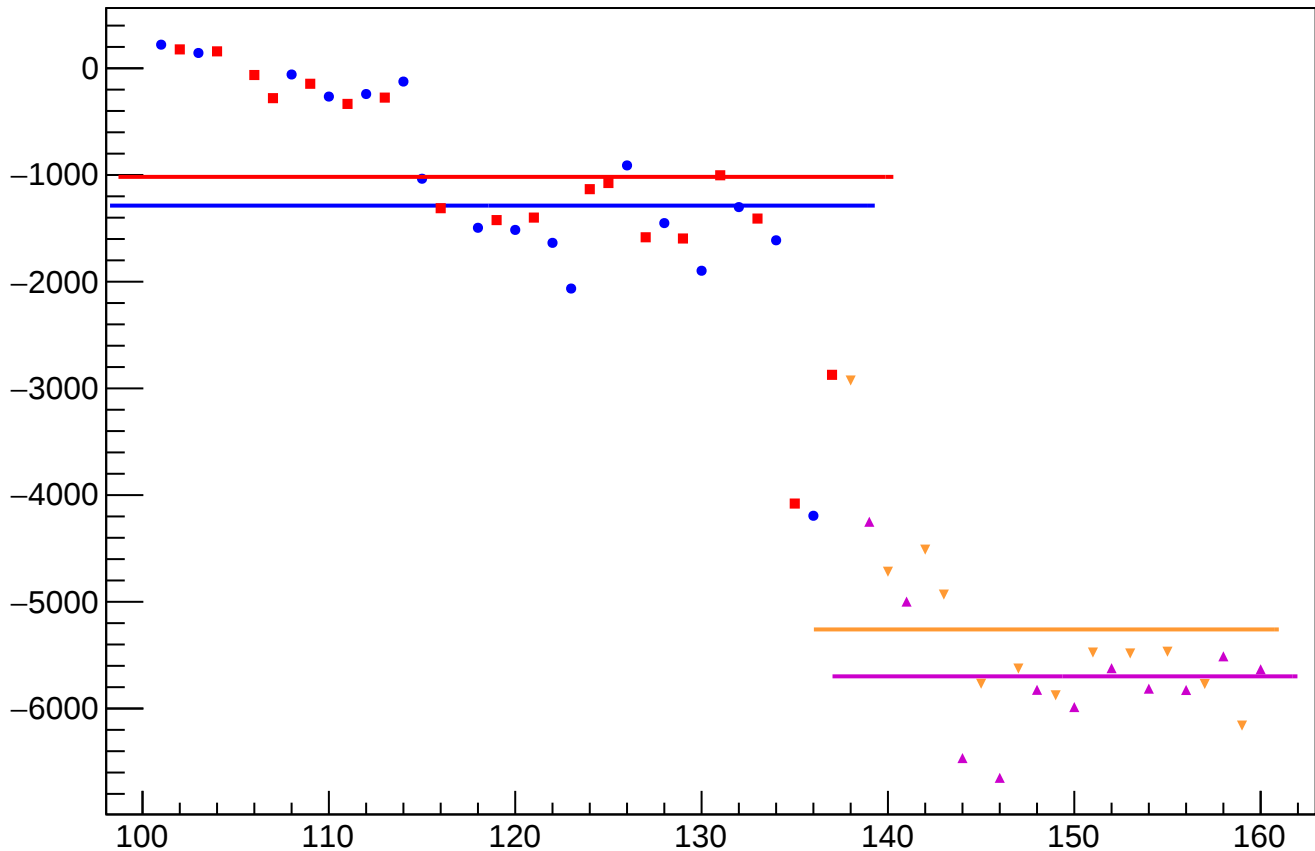
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

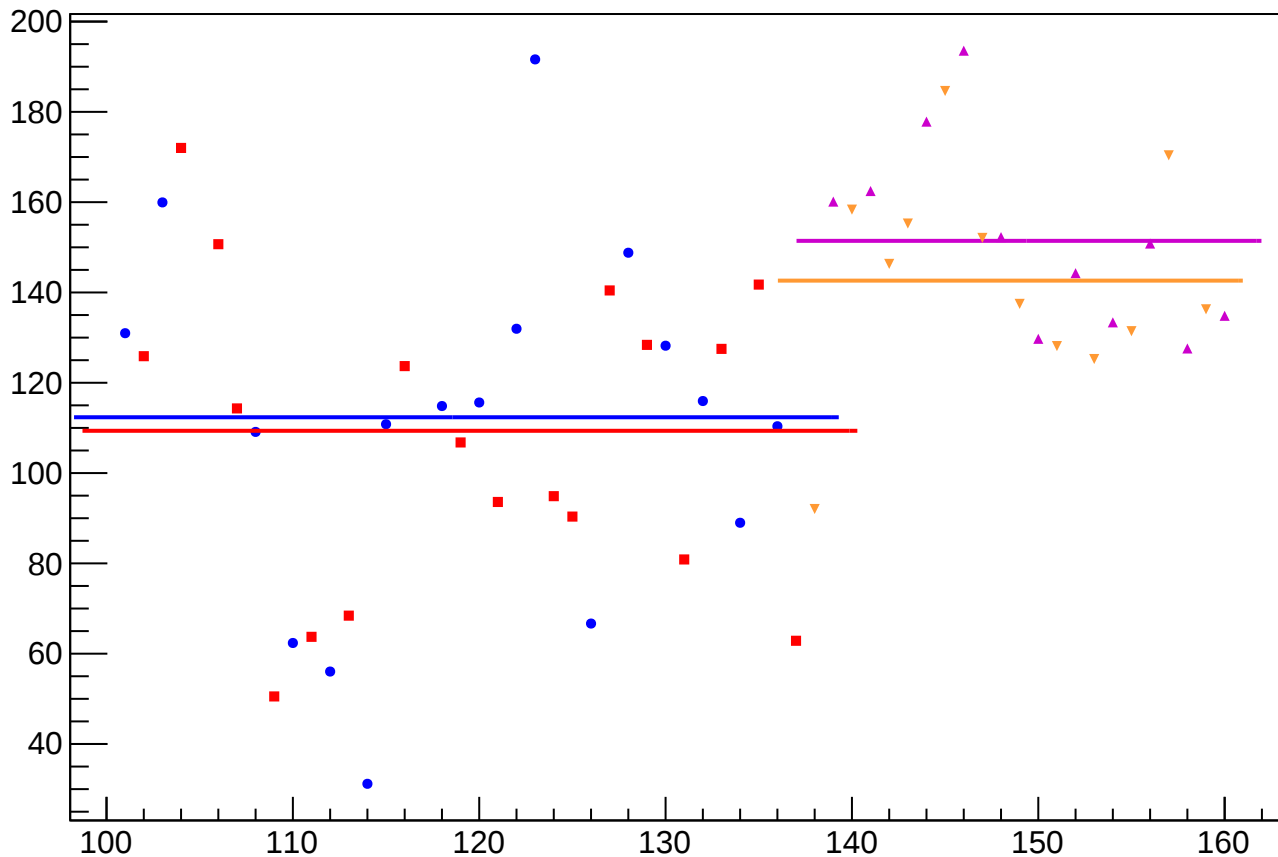
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

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

dit_sam6_coil3_err_mean vs Slug



Right In: 112.364 $\pm$ 0.000 χ^2 /NDF: 704132882376699060399654305188020224.0/16

Left Out: 142.624 $\pm$ 0.000 χ^2 /NDF: 490075896728839516785223596523913216.0/11

Right Out: 109.364 $\pm$ 0.000 χ^2 /NDF: 838845293661778137888588246433136640.0/17

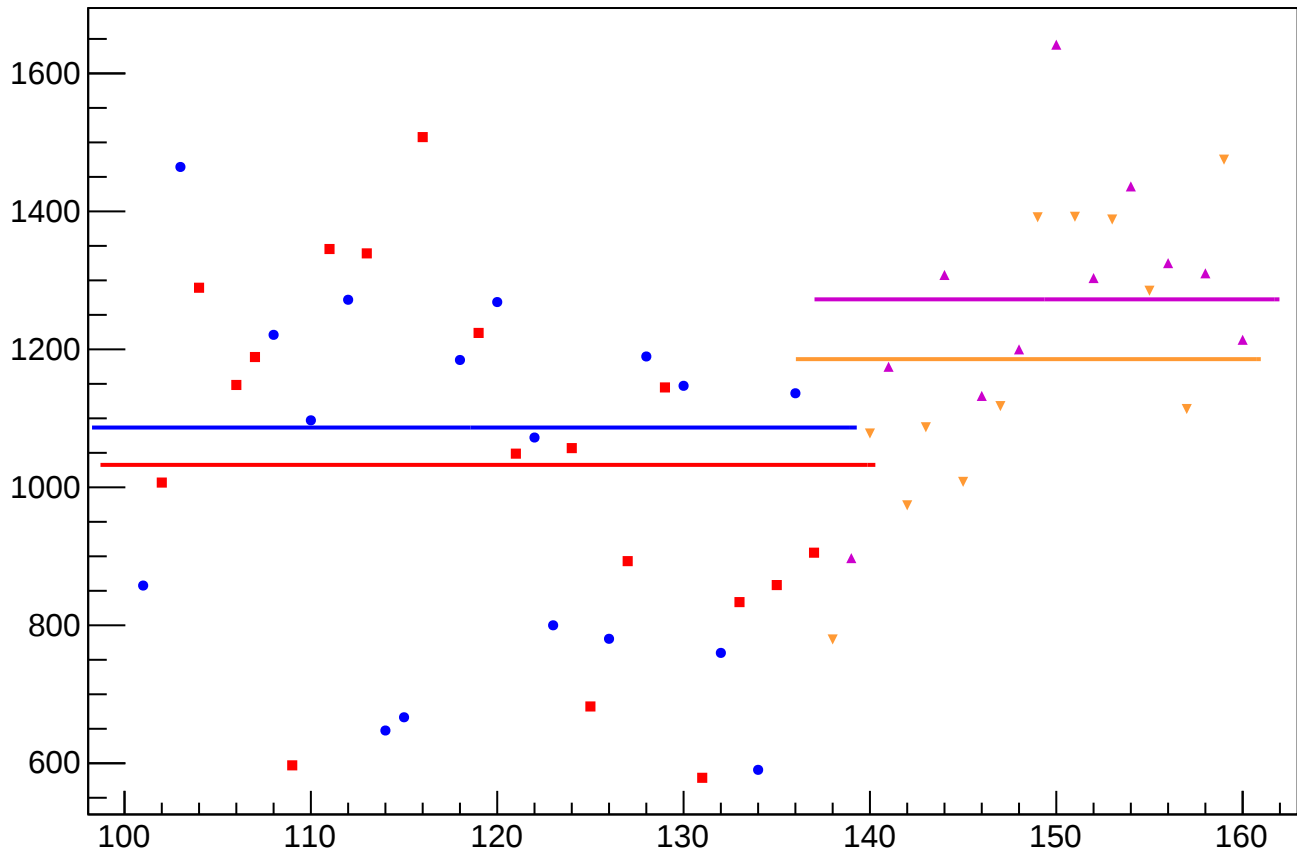
Left In: 151.432 $\pm$ 0.000 χ^2 /NDF: 371010449971260656611055665401561088.0/10

+ sign 129.523 $\pm$ 0.000 χ^2 /NDF: 155456813034748

All: 131.377 $\pm$ 0.000 χ^2 /NDF: 349166774283

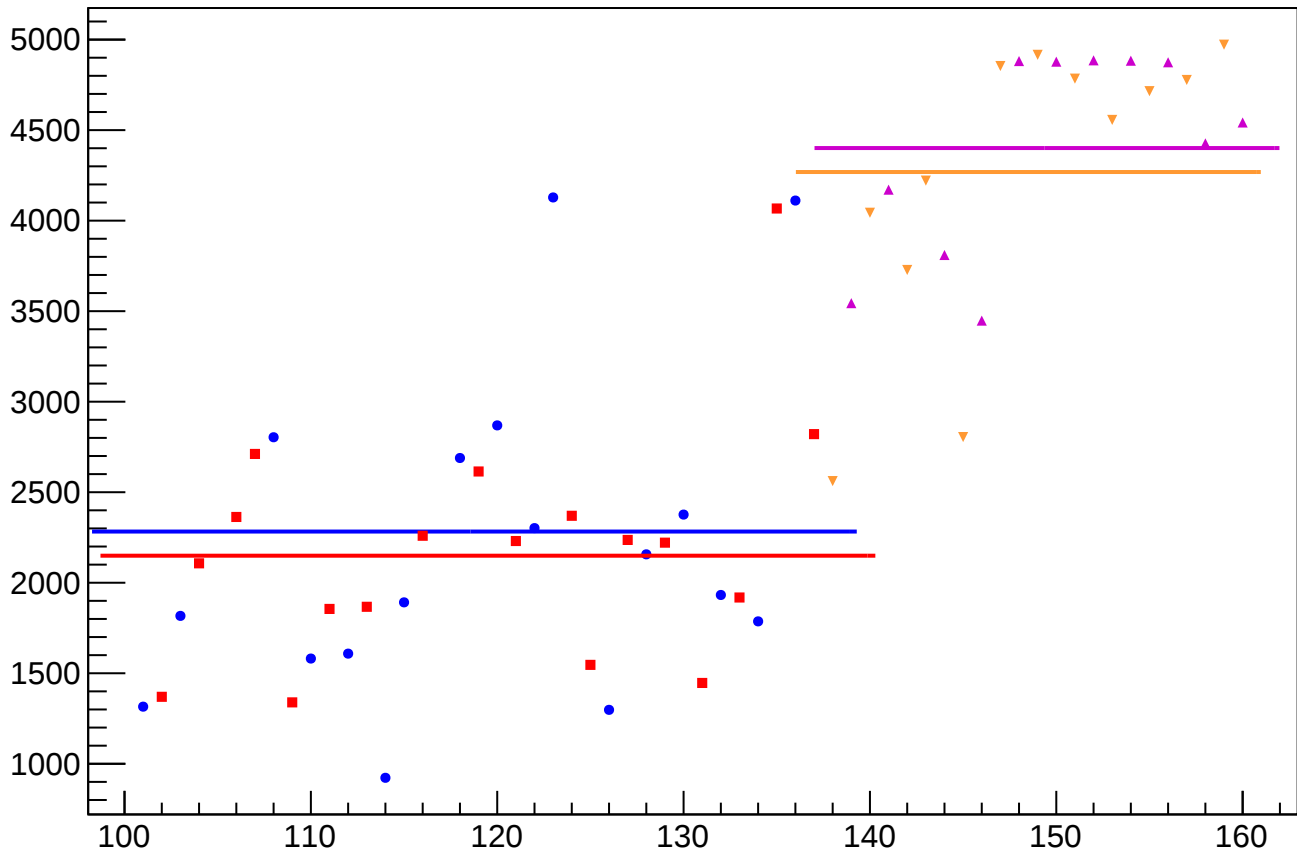
- sign 133.180 $\pm$ 0.000 χ^2 /NDF: 192623154221425

dit_sam6_coil3_Ndata_mean vs Slug



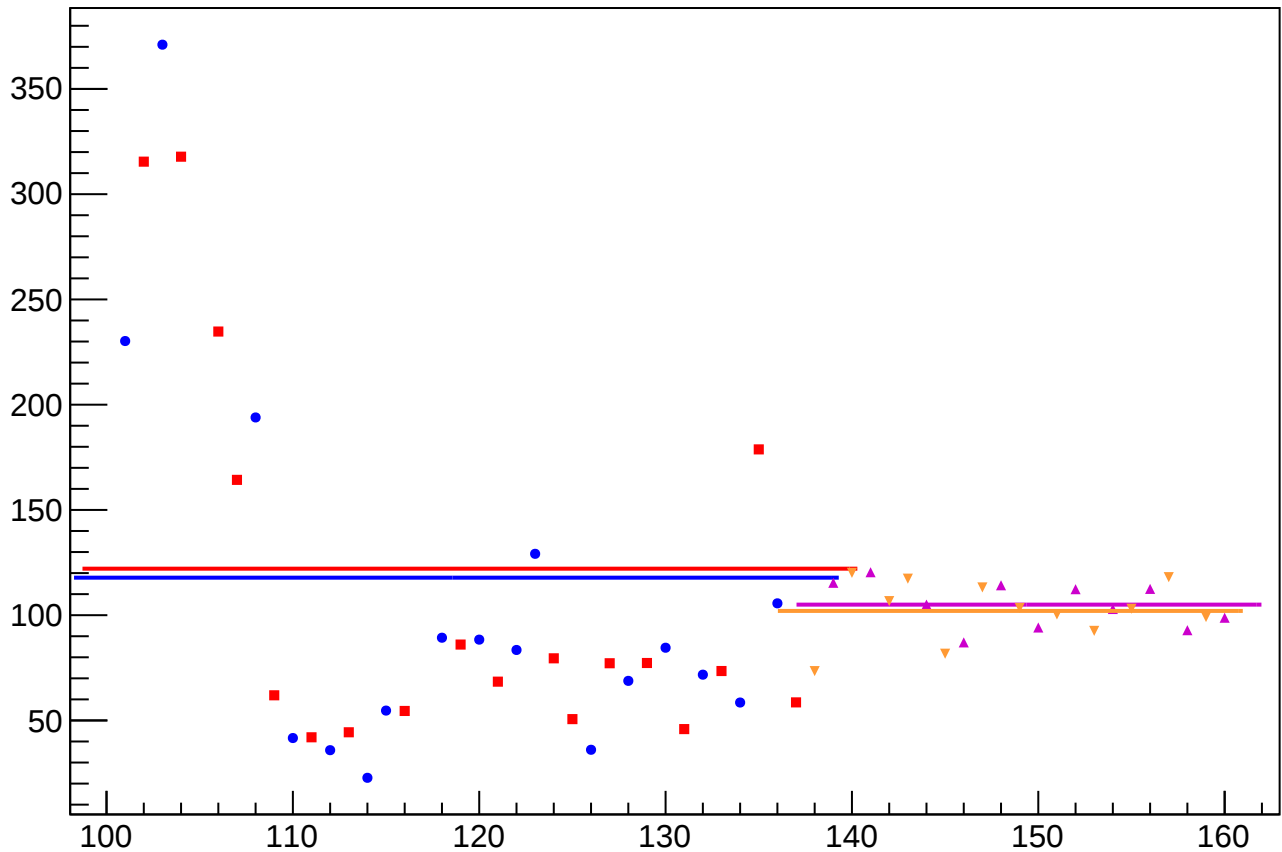
Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10
 All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682
 + sign 1142.906 $\pm$ 0.000 χ^2 /NDF: 76037619994785
 - sign 1168.390 $\pm$ 0.000 χ^2 /NDF: 10079953084874

dit_sam7_coil3_mean vs Slug



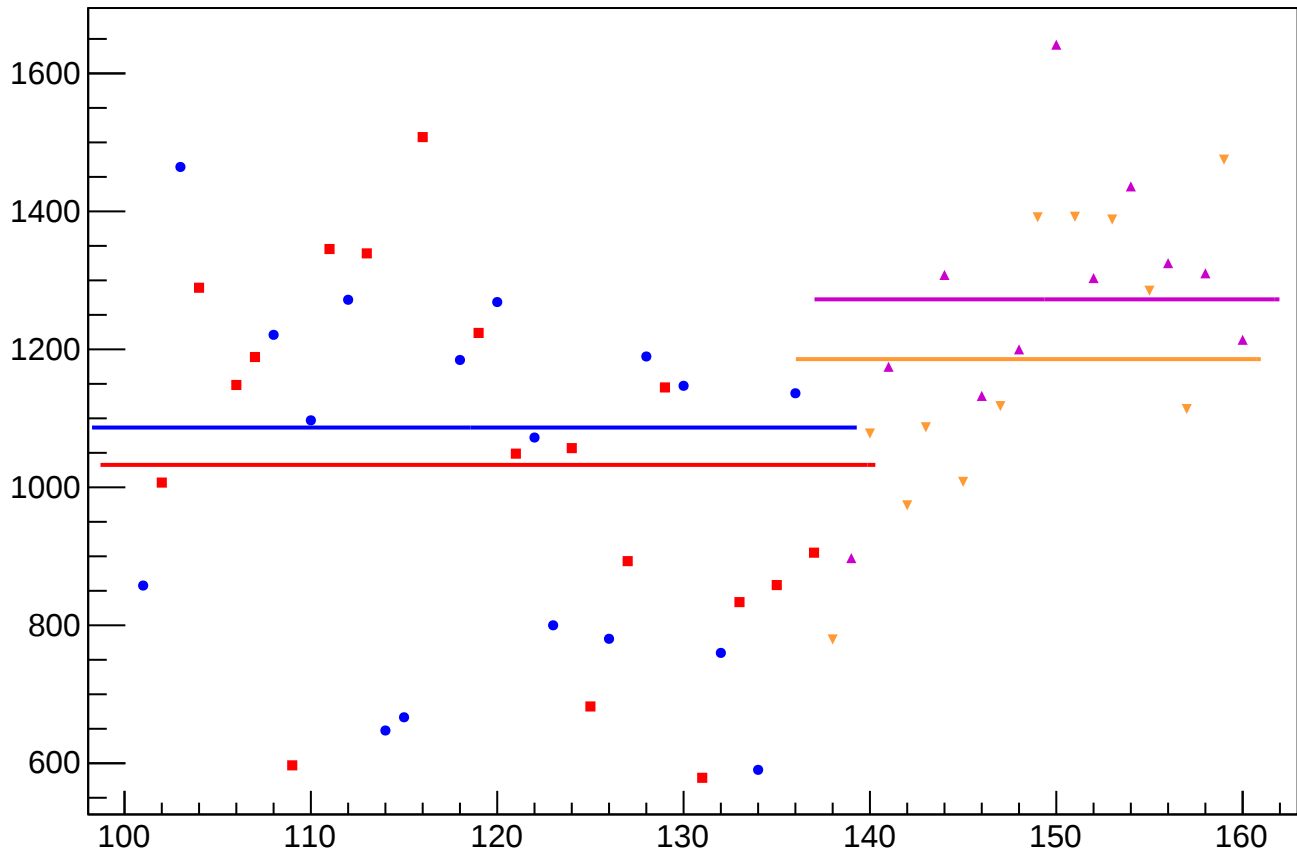
Right In: 2282.778+/-0.000	χ^2/NDF : 521869333583833068444115371437594771456.0/16	+ sign 3408.873+/-0.000	χ^2/NDF : 26501985285389
Left Out: 4268.620+/-0.000	χ^2/NDF : 576373438836983826408088908187698200576.0/11	All: 3416.605+/-0.000	χ^2/NDF : 52945556048
Right Out: 2149.386+/-0.000	χ^2/NDF : 320631411360836158094549979591860027392.0/17	- sign 3424.125+/-0.000	χ^2/NDF : 26441680407788
Left In: 4401.016+/-0.000	χ^2/NDF : 271313470445828573503909403246788083712.0/10		

dit_sam7_coil3_err_mean vs Slug



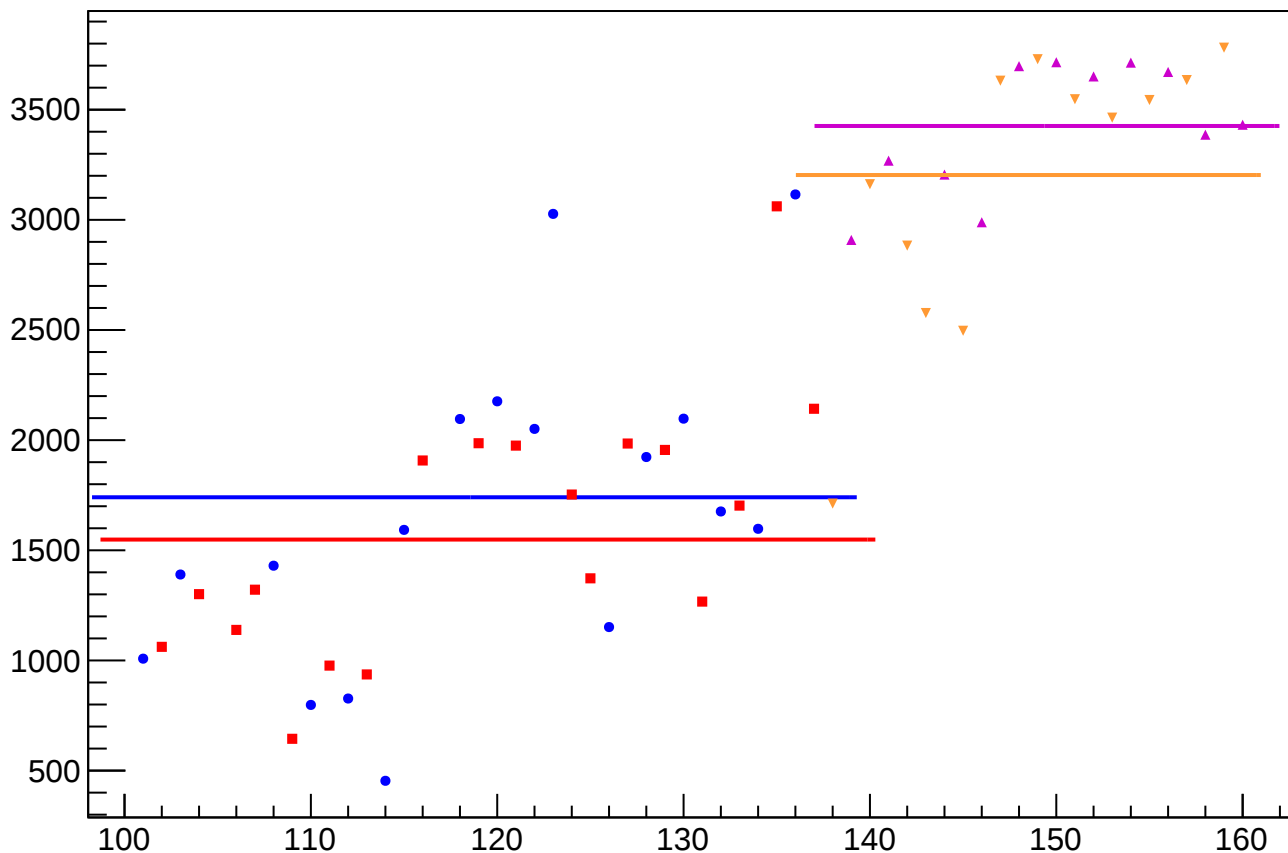
Right In: 117.825 $\pm$ 0.000 χ^2 /NDF: 6199421197695716182570916449760575488.0/16
 Left Out: 102.028 $\pm$ 0.000 χ^2 /NDF: 177124098717282134999436009607790592.0/11
 Right Out: 122.099 $\pm$ 0.000 χ^2 /NDF: 6546124684147045667679194482005245952.0/17
 Left In: 105.016 $\pm$ 0.000 χ^2 /NDF: 9810390520424947900201643718737920.0/10
 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



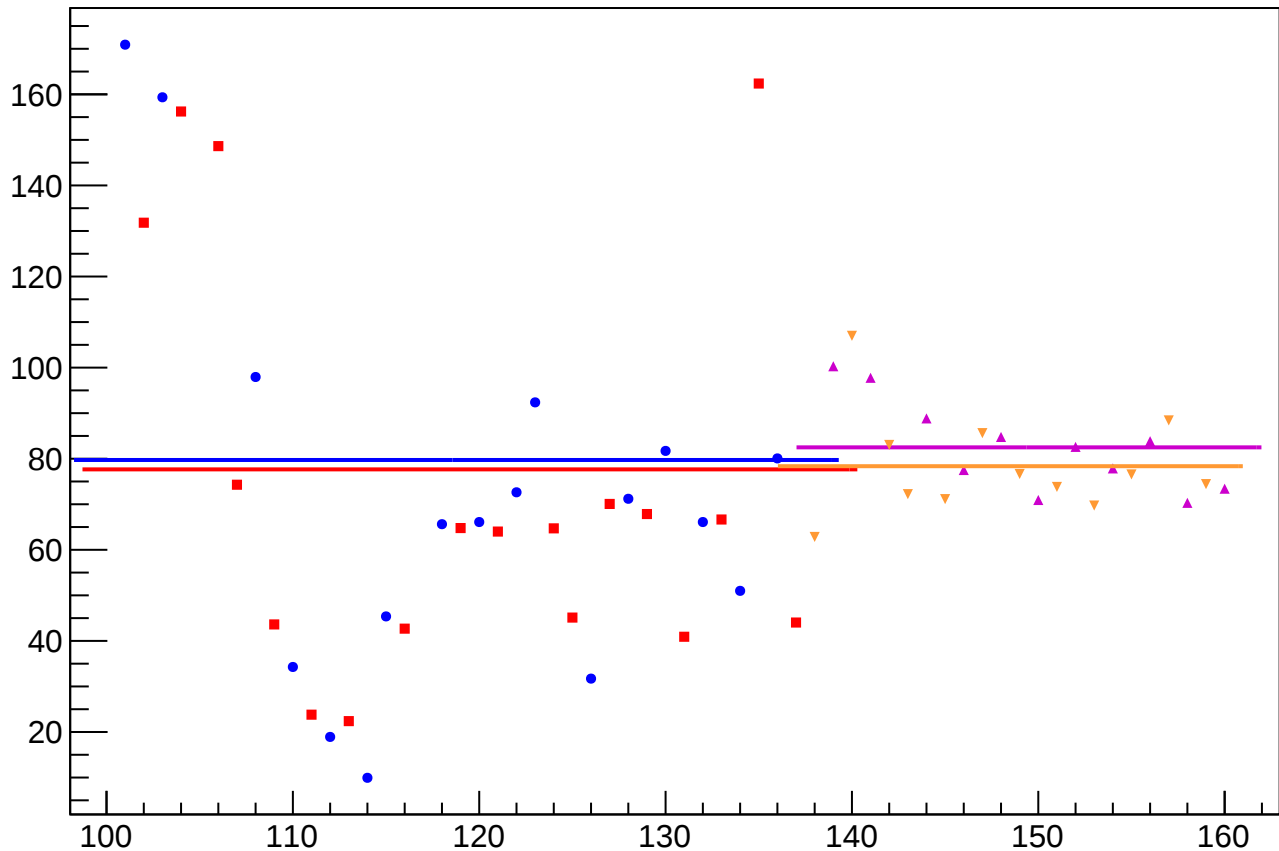
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

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+/-0.000 χ^2/NDF : 1349884201001122025991797772619087872.0/16

Left Out: 78.356+/-0.000 χ^2/NDF : 114896120803259231895139298203140096.0/11

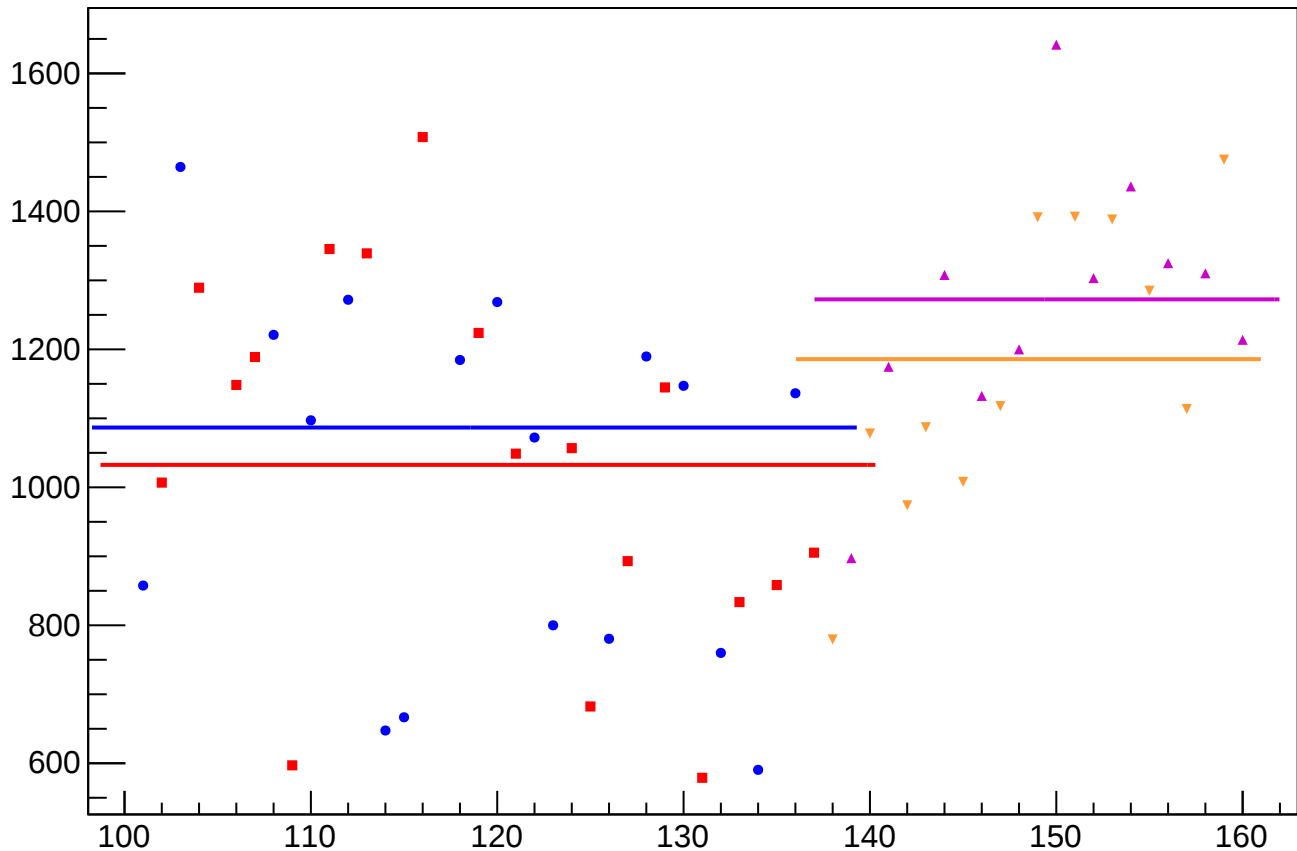
Right Out: 77.658+/-0.000 χ^2/NDF : 1483793243606577649503828870787235840.0/17

Left In: 82.494+/-0.000 χ^2/NDF : 84649934677405665053102578448990208.0/10

All: 79.681+/-0.000 χ^2/NDF : 3045128611296

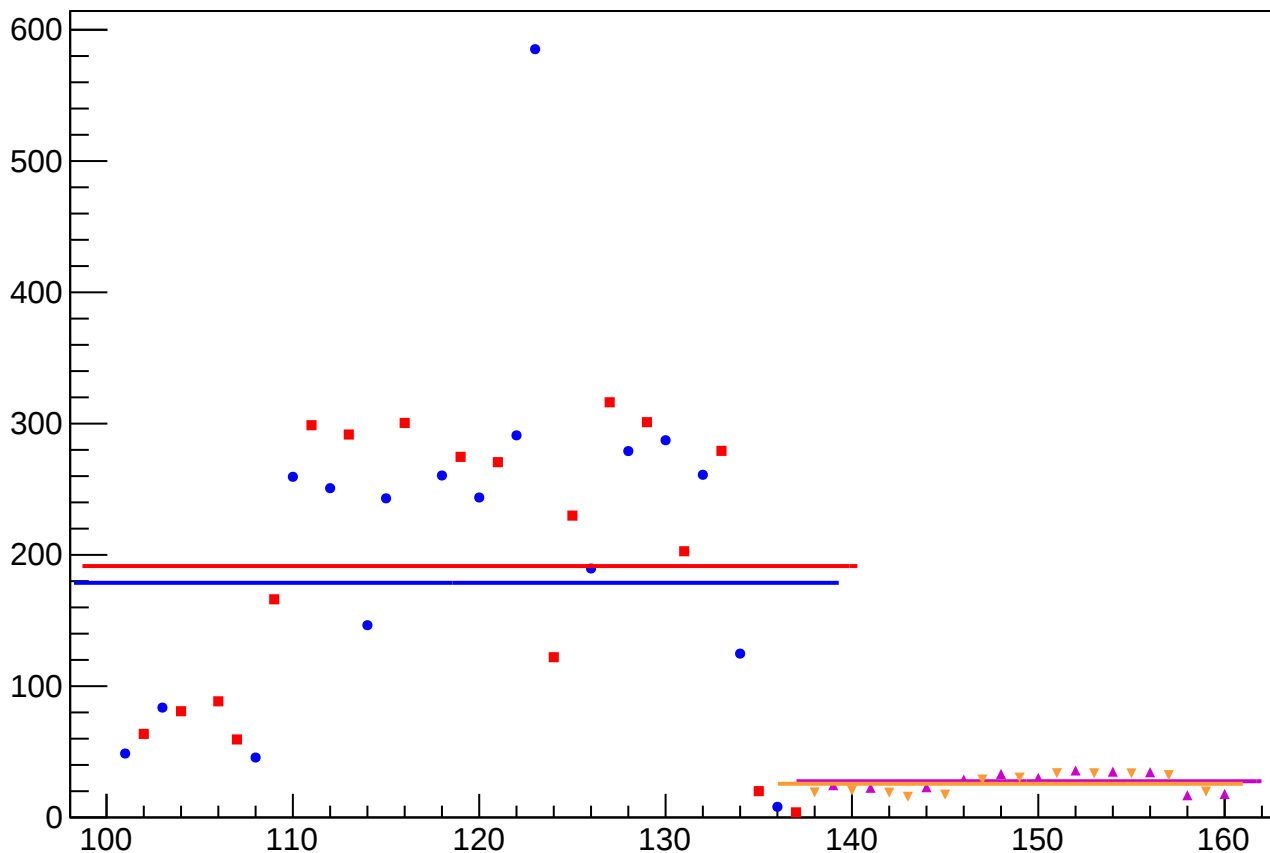
- sign 80.396+/-0.000 χ^2/NDF : 1577908853053275

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

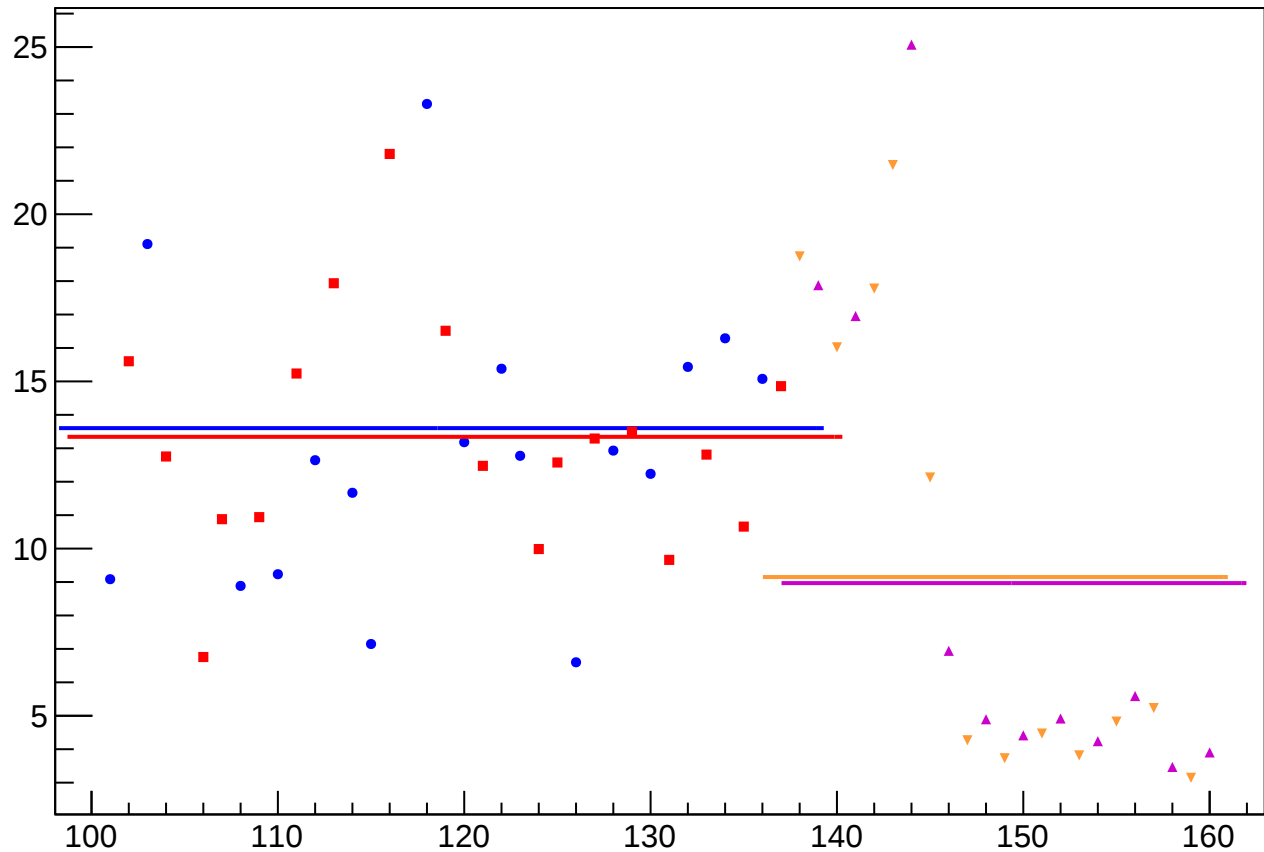
Right Out: 191.483+/-0.000 χ^2/NDF : 8150461362250913614126902389436841984.0/17

Left In: 27.579+/-0.000 χ^2/NDF : 39364281565589269782784177585782784.0/10

All: 95.361+/-0.000 χ^2/NDF : 3685990233363

- sign 98.690+/-0.000 χ^2/NDF : 1906430157501196

dit_4aX_coil7_err_mean vs Slug



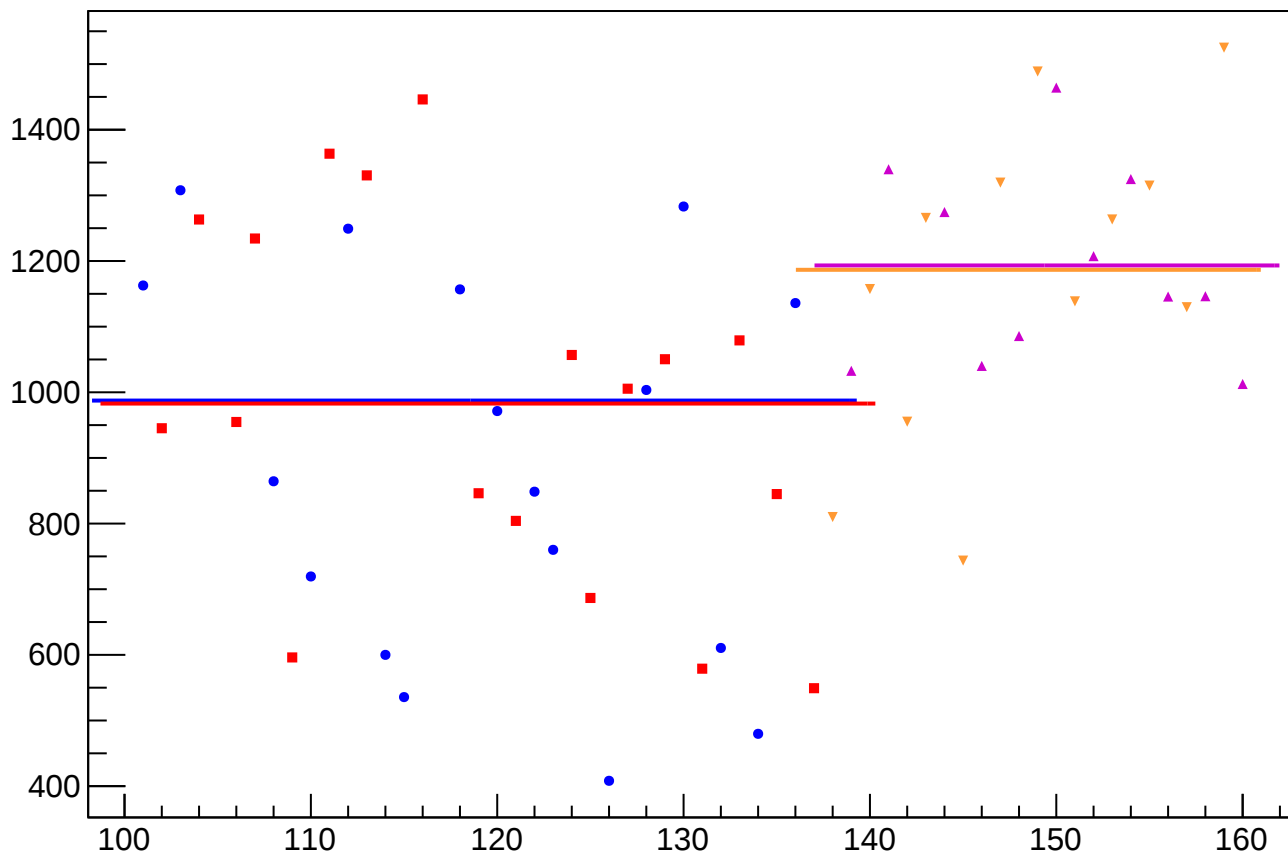
Right In: 13.603+/-0.000 χ^2/NDF : 12735243270159378009596948914372608.0/16

Left Out: 9.150+/-0.000 χ^2/NDF : 39277872742254074386096302311079936.0/11

Right Out: 13.343+/-0.000 χ^2/NDF : 6808158047357444632184742387646464.0/17

Left In: 8.968+/-0.000 χ^2/NDF : 47457578467091168331445311669010432.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 987.388+/-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

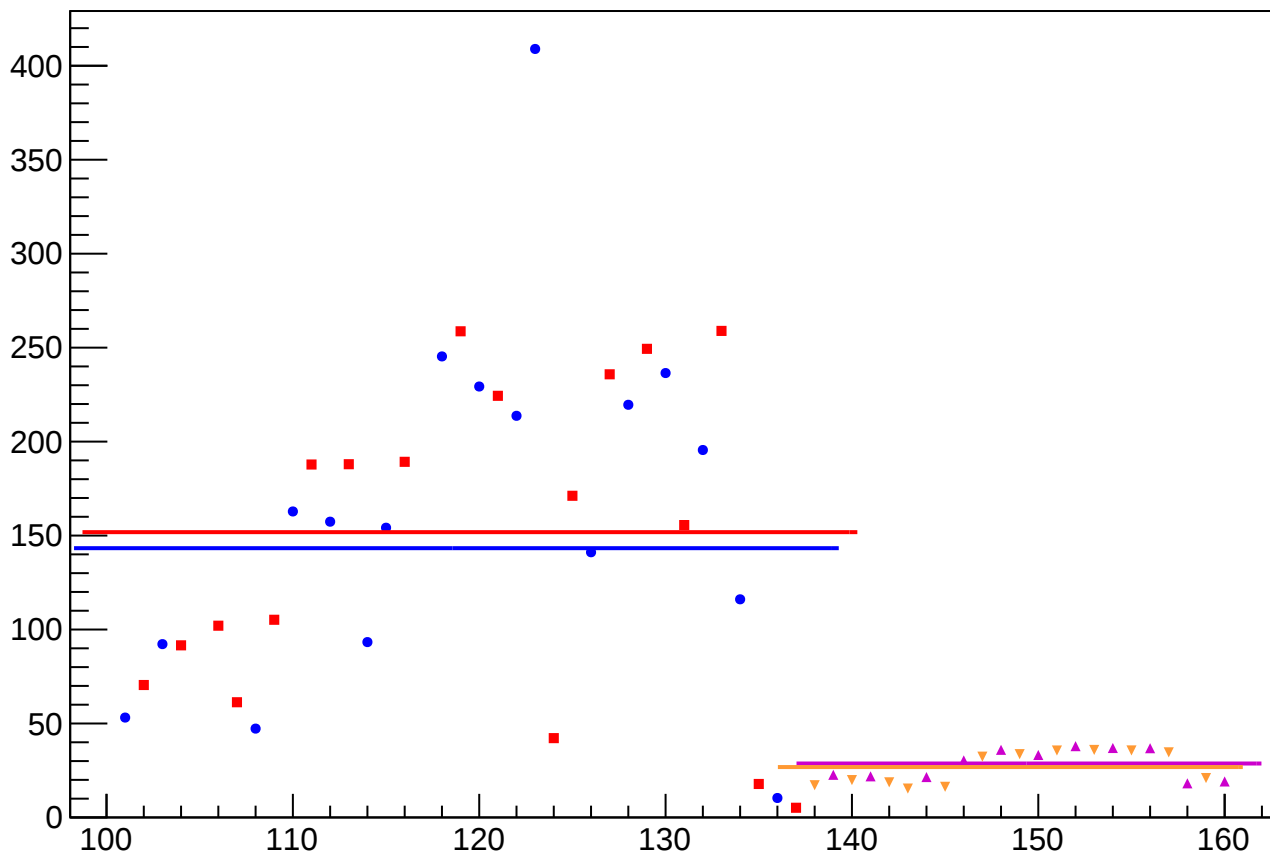
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ 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_4eX_coil7_mean vs Slug



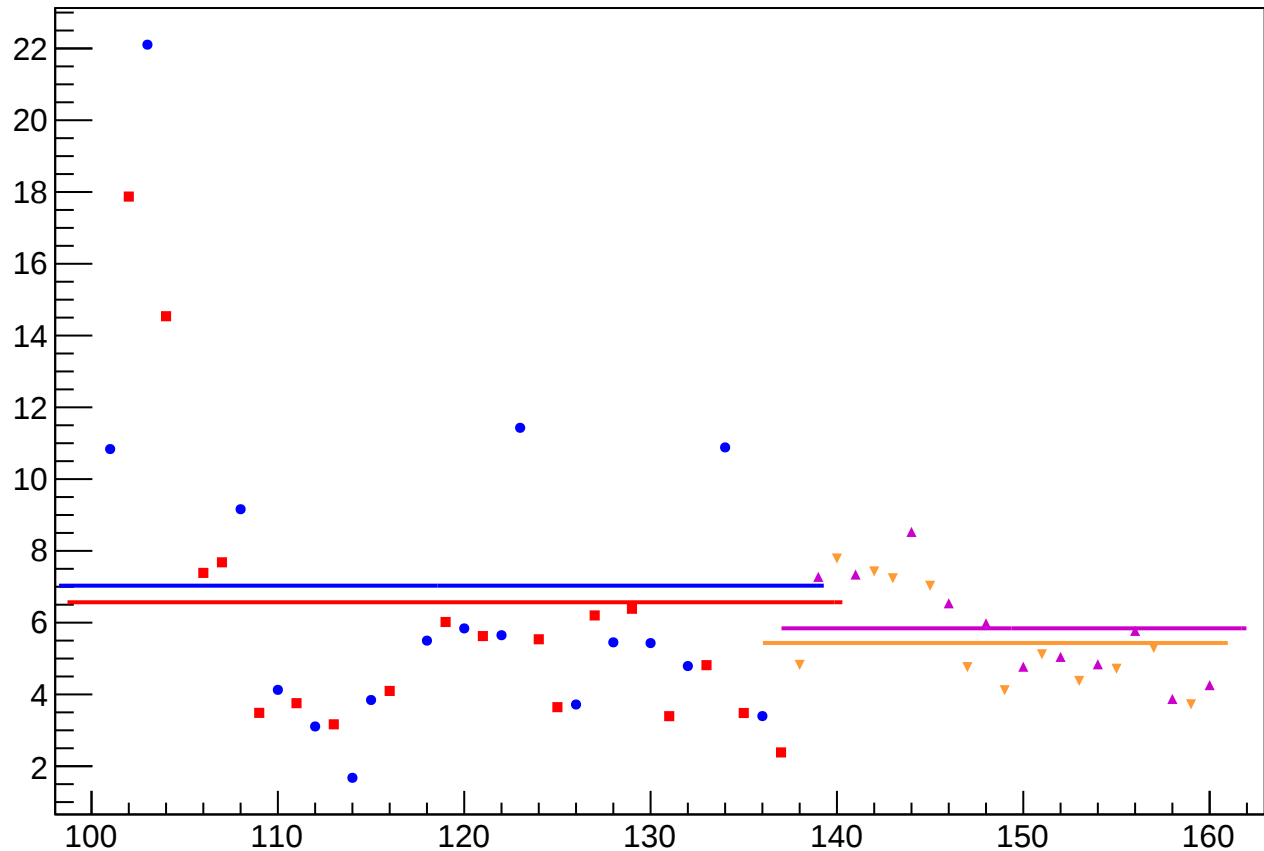
Right In: 143.291+/-0.000 χ^2/NDF : 4778890435983165530583685149403119616.0/16

Left Out: 26.816+/-0.000 χ^2/NDF : 64568009381250036040665945578930176.0/11

Right Out: 151.819+/-0.000 χ^2/NDF : 4652479354515348530637943017457057792.0/17

Left In: 28.706+/-0.000 χ^2/NDF : 53446645713086882216161894618628096.0/10

dit_4eX_coil7_err_mean vs Slug



Right In: 7.031+/-0.000 χ^2/NDF : 18686972393169306014765519518826496.0/16

Left Out: 5.434+/-0.000 χ^2/NDF : 1641961615493557983490036107051008.0/11

Right Out: 6.568+/-0.000 χ^2/NDF : 13908005278630821419370553666437120.0/17

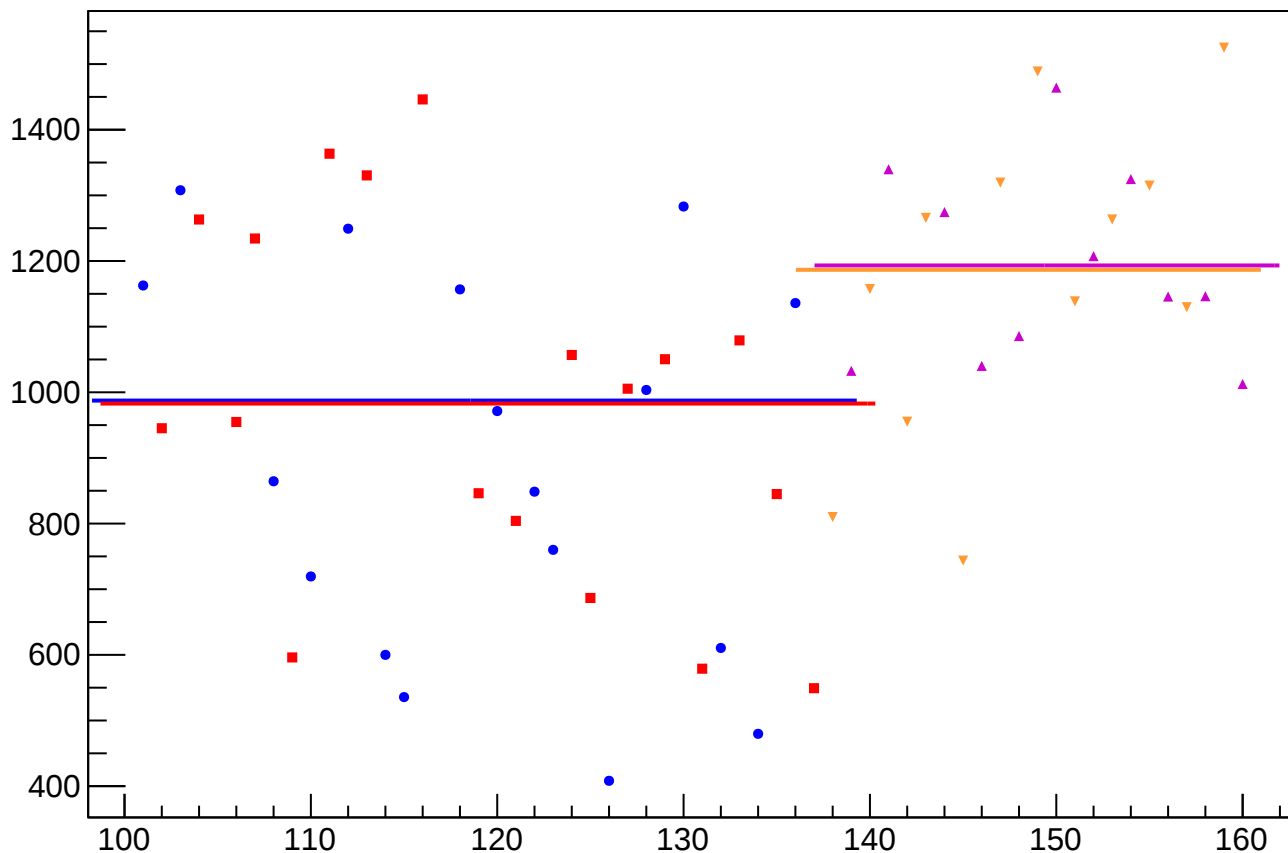
Left In: 5.842+/-0.000 χ^2/NDF : 1812226966420315112479835300036608.0/10

+ sign 6.125+/-0.000 χ^2/NDF : 21332352462298718

All: 6.141+/-0.000 χ^2/NDF : 37266865519798

- sign 6.157+/-0.000 χ^2/NDF : 15933696088962239

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

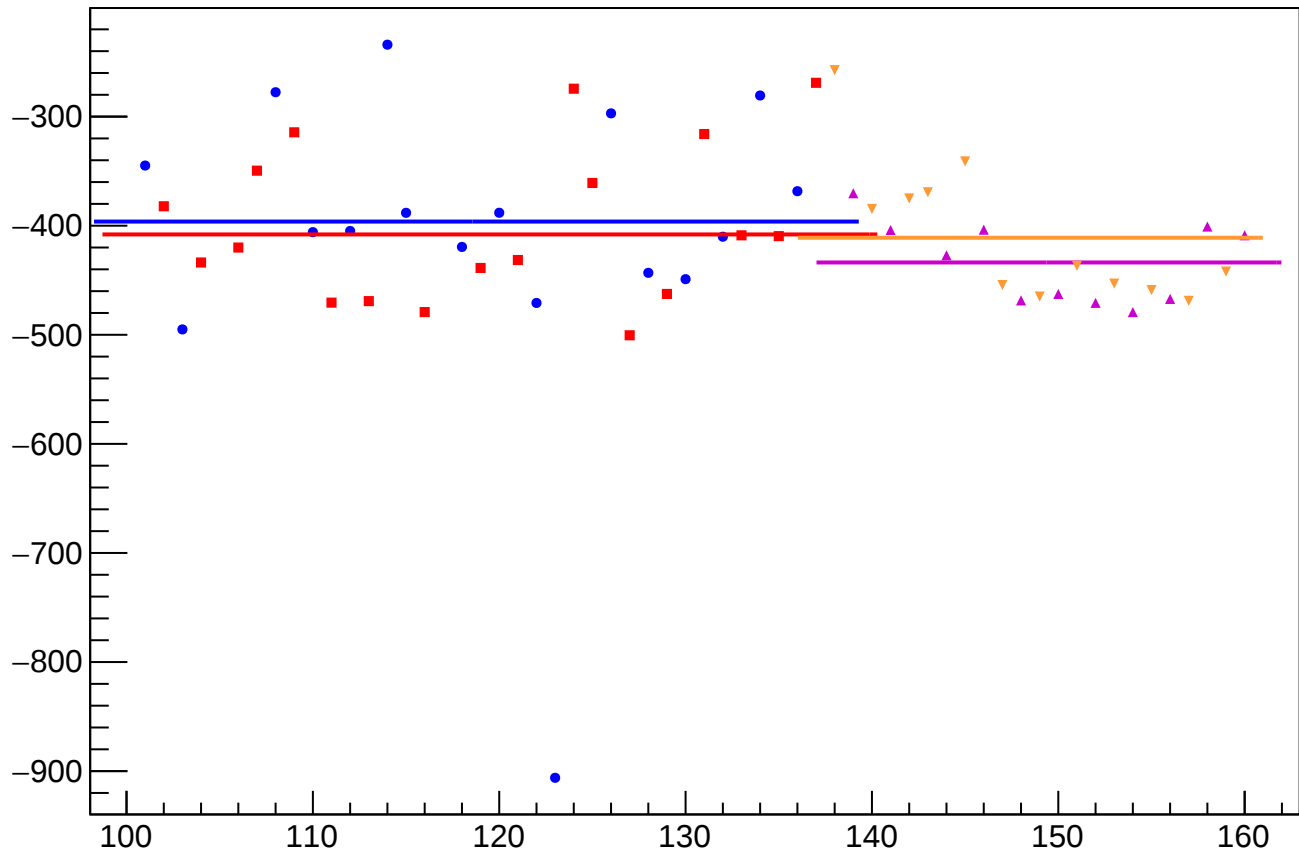
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_11X12X_coil7_mean vs Slug



Right In: -396.205+/-0.000 χ^2/NDF : 3915339787327324310697642459645607936.0/16

Left Out: -411.042+/-0.000 χ^2/NDF : 3555989077784945680272383641089212416.0/11

Right Out: -408.004+/-0.000 χ^2/NDF : 2700413725595197389596215208912617472.0/17

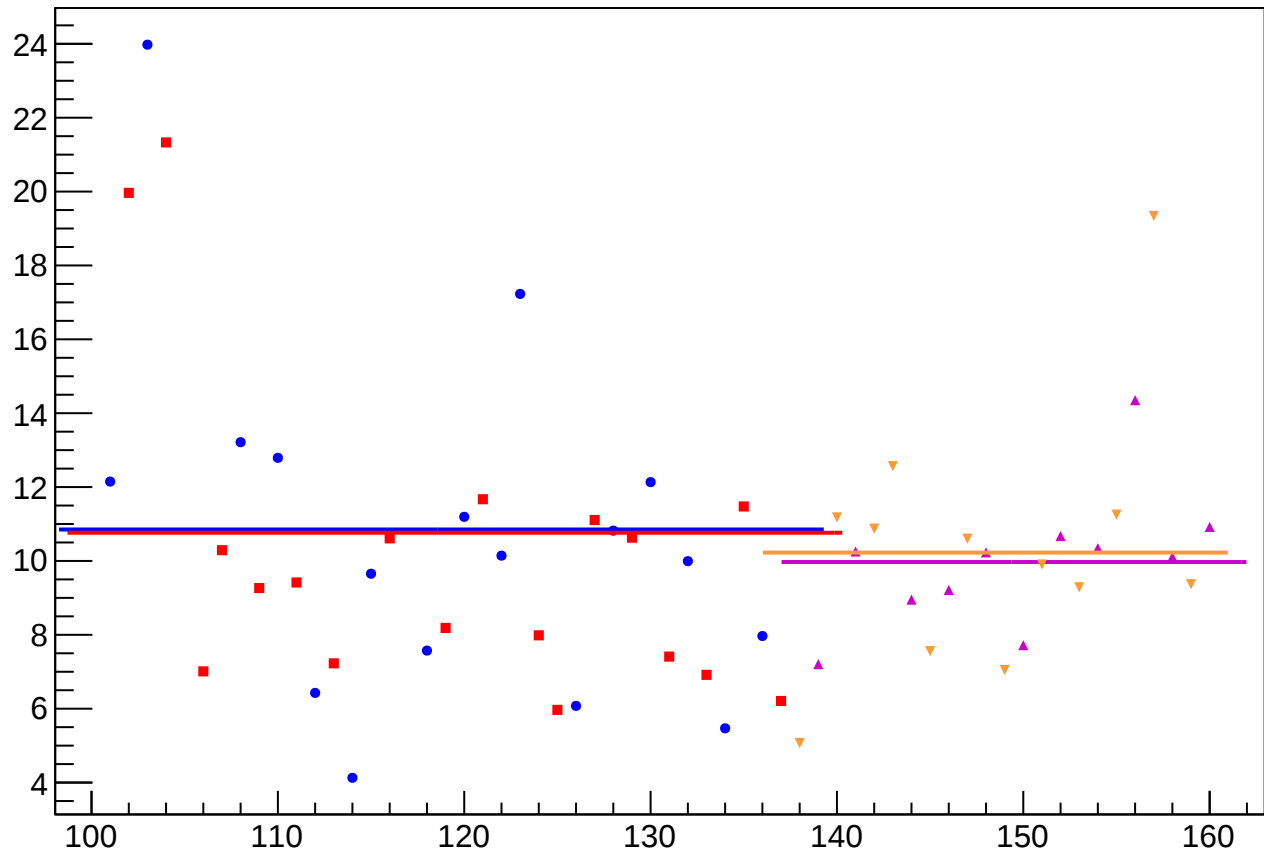
Left In: -433.711+/-0.000 χ^2/NDF : 1189526132627930234621779098826964992.0/10

+ sign -404.619+/-0.000 χ^2/NDF : 75579682652677

All: -413.713+/-0.000 χ^2/NDF : 11976916890

- sign -422.558+/-0.000 χ^2/NDF : 415744047977943

dit_11X12X_coil7_err_mean vs Slug



Right In: 10.851 ± 0.000 χ^2/NDF : 15284459899452545966128799384862720.0/16

Left Out: 10.227 ± 0.000 χ^2/NDF : 10321587584551104331954948537319424.0/11

Right Out: 10.764 ± 0.000 χ^2/NDF : 14575858748491423837639288498946048.0/17

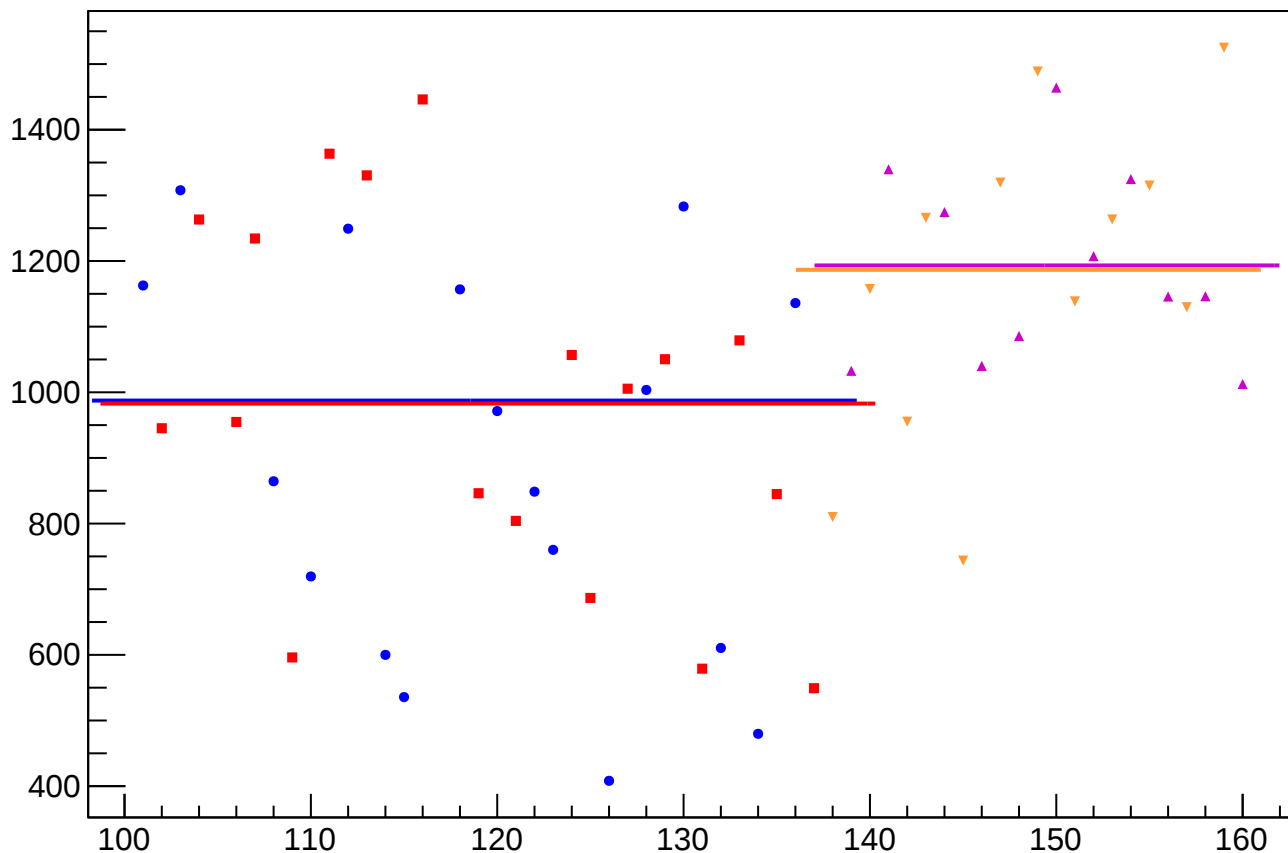
Left In: 9.971 ± 0.000 χ^2/NDF : 2900670082842124382118820523802624.0/10

+ sign 10.497 ± 0.000 χ^2/NDF : 2575964741998058

All: 10.405 ± 0.000 χ^2/NDF : 4351812926390

- sign 10.315 ± 0.000 χ^2/NDF : 1773149218135601

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

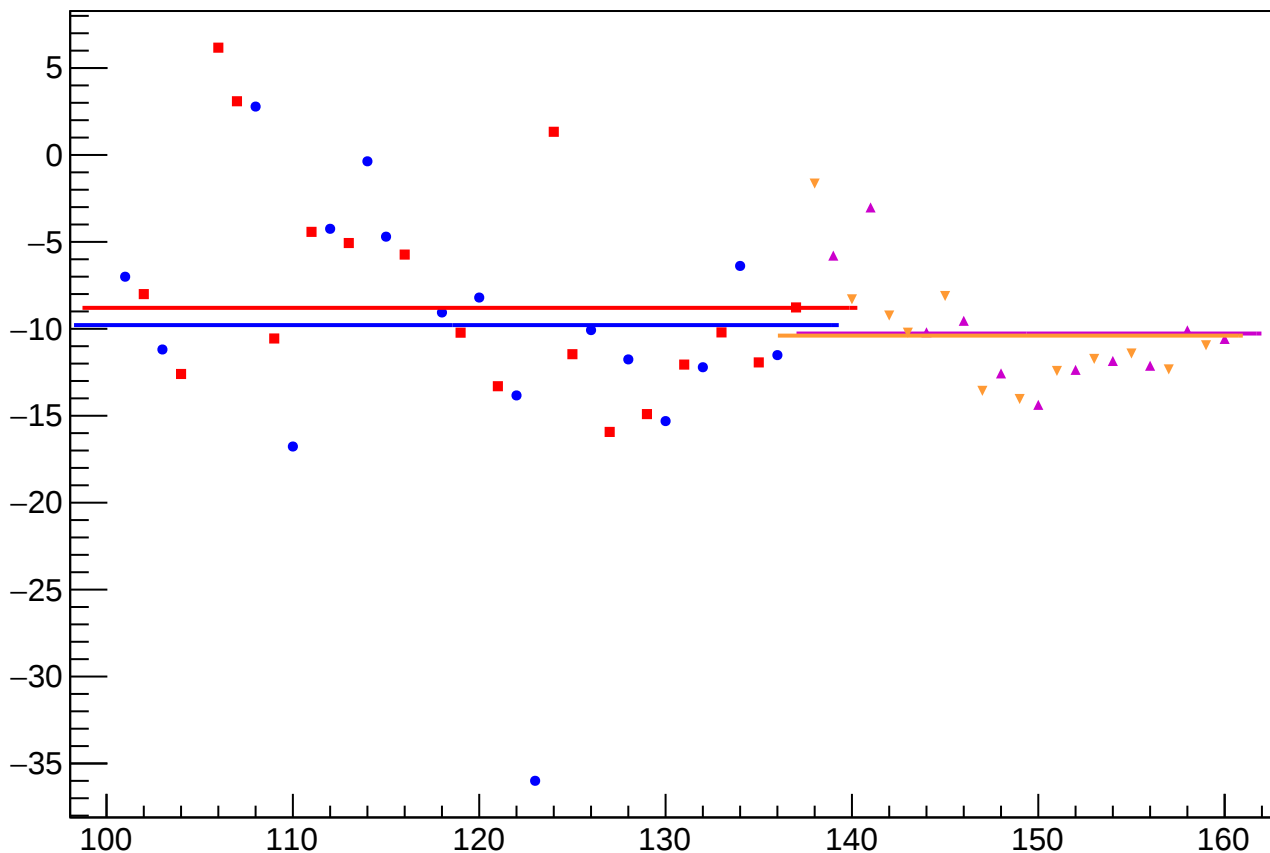
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ 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

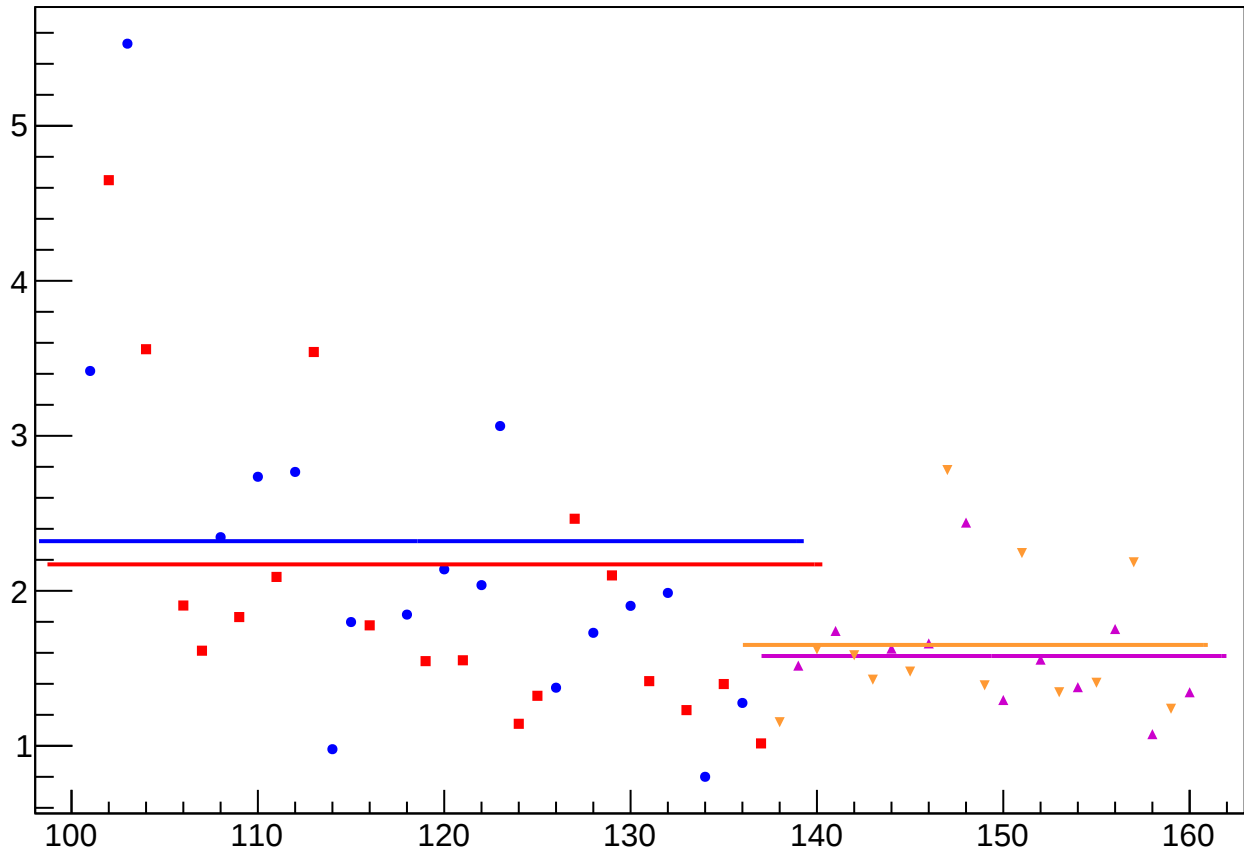
Left In: -10.271+/-0.000 χ^2/NDF : 9001548873812579955640597255028736.0/10

+ sign -10.129+/-0.000 χ^2/NDF : 269937889617324

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

+ sign 1.941 $\pm$ 0.000 χ^2 /NDF: 13327985740188847

Left Out: 1.651 $\pm$ 0.000 χ^2 /NDF: 204626857159139136985355773804544.0/11

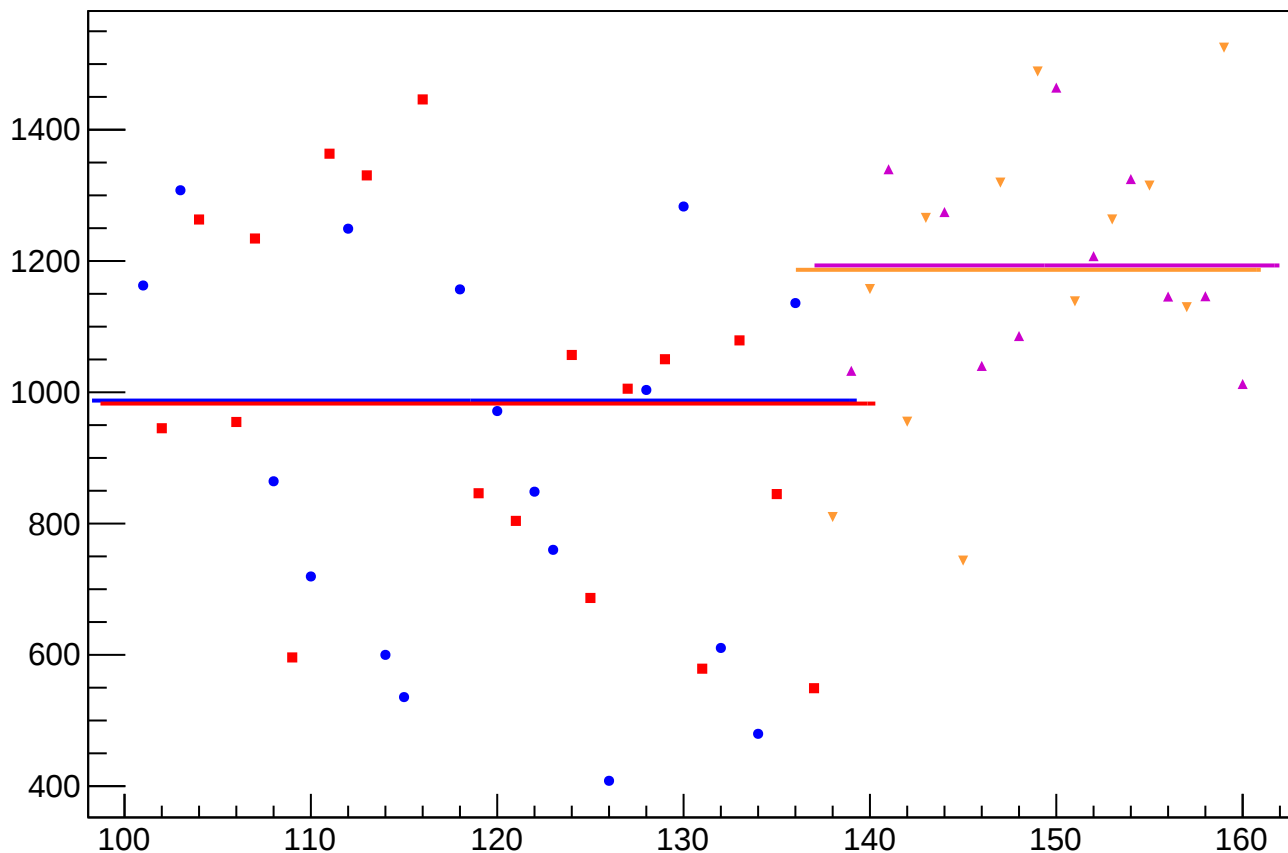
All: 1.888 $\pm$ 0.000 χ^2 /NDF: 23436522644769

Right Out: 2.171 $\pm$ 0.000 χ^2 /NDF: 756432905902484239494035607126016.0/17

- sign 1.836 $\pm$ 0.000 χ^2 /NDF: 10019203800642055

Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104047648288543214499863879221248.0/10

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

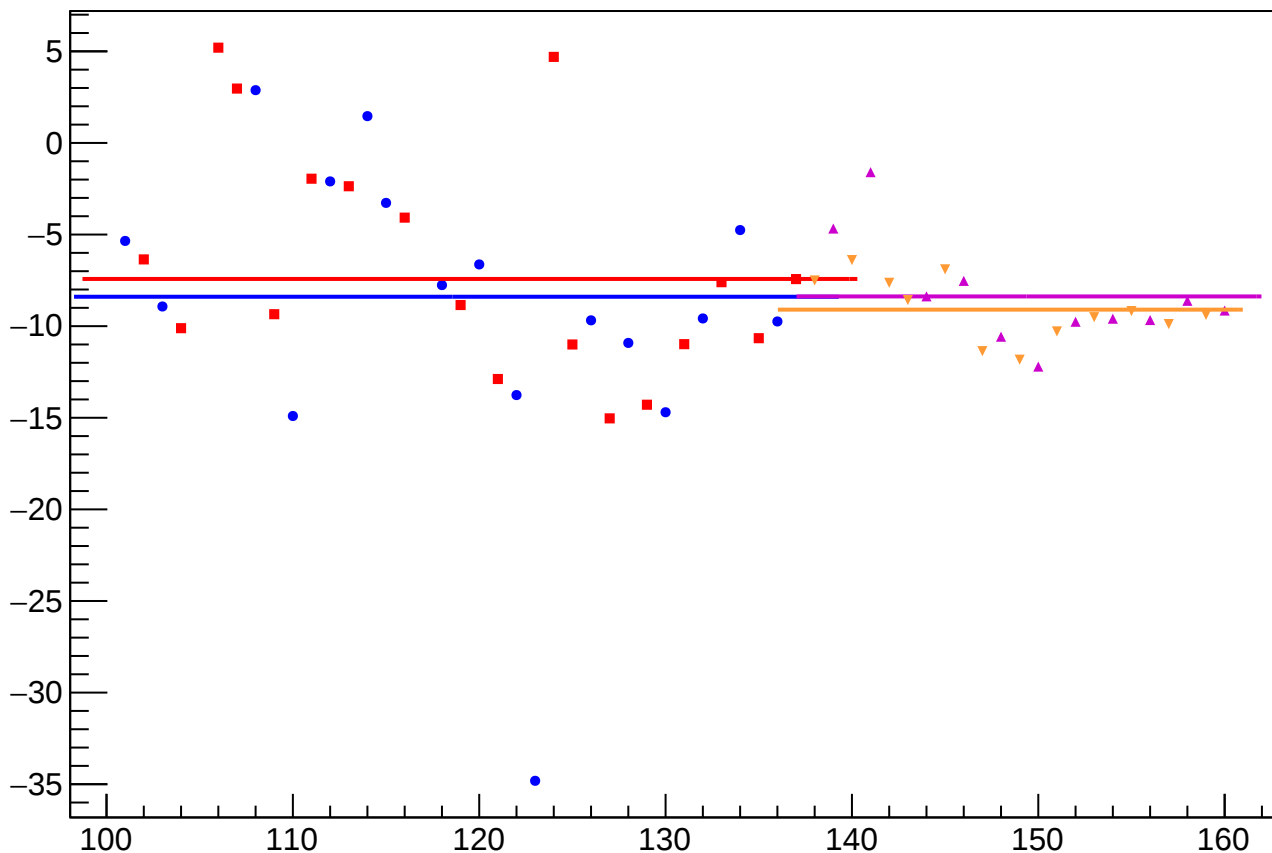
All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

dit_4eY_coil7_mean vs Slug



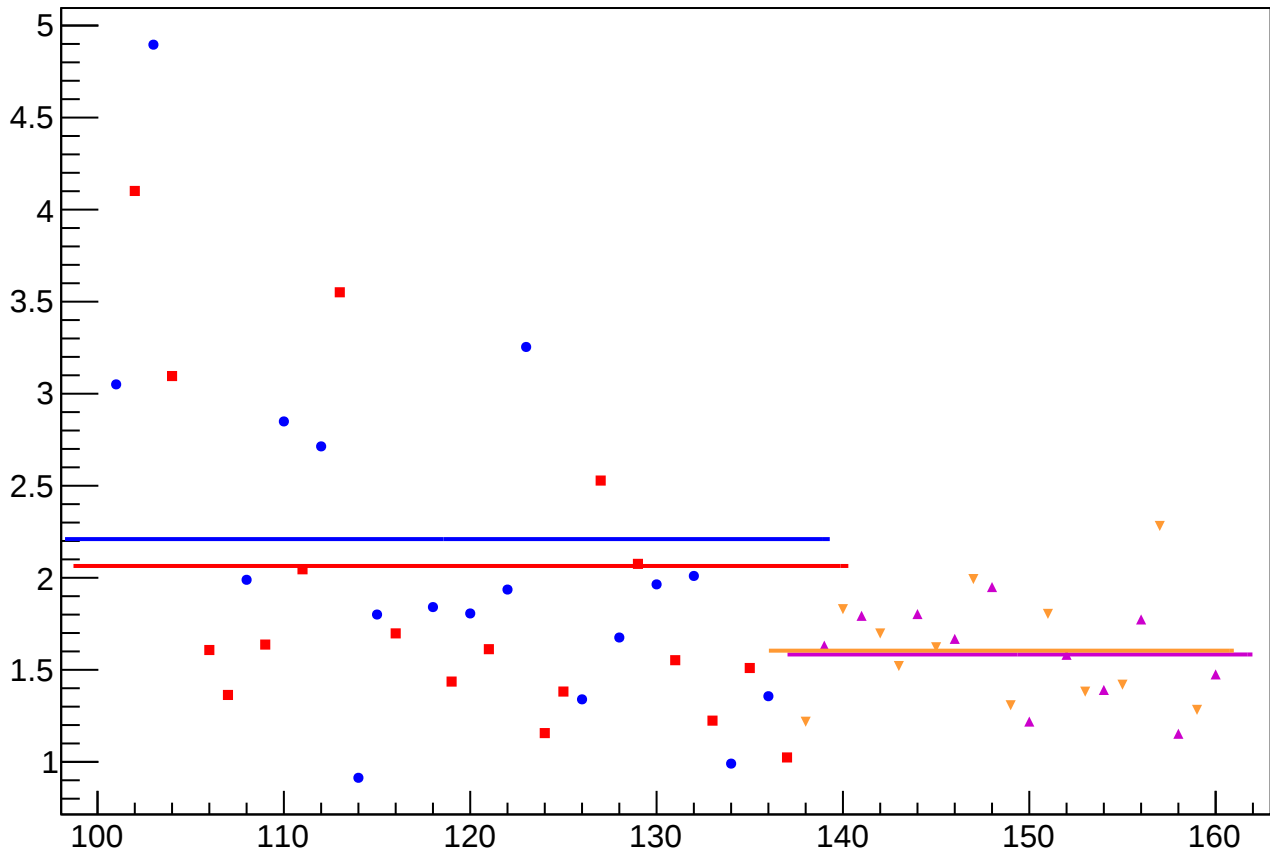
Right In: -8.394 ± 0.000 χ^2/NDF : 17454293749905596935063382469378048.0/16

Left Out: -9.098 ± 0.000 χ^2/NDF : 2495166400033821389722475105878016.0/11

Right Out: -7.423 ± 0.000 χ^2/NDF : 21448737498509381182656193641840640.0/17

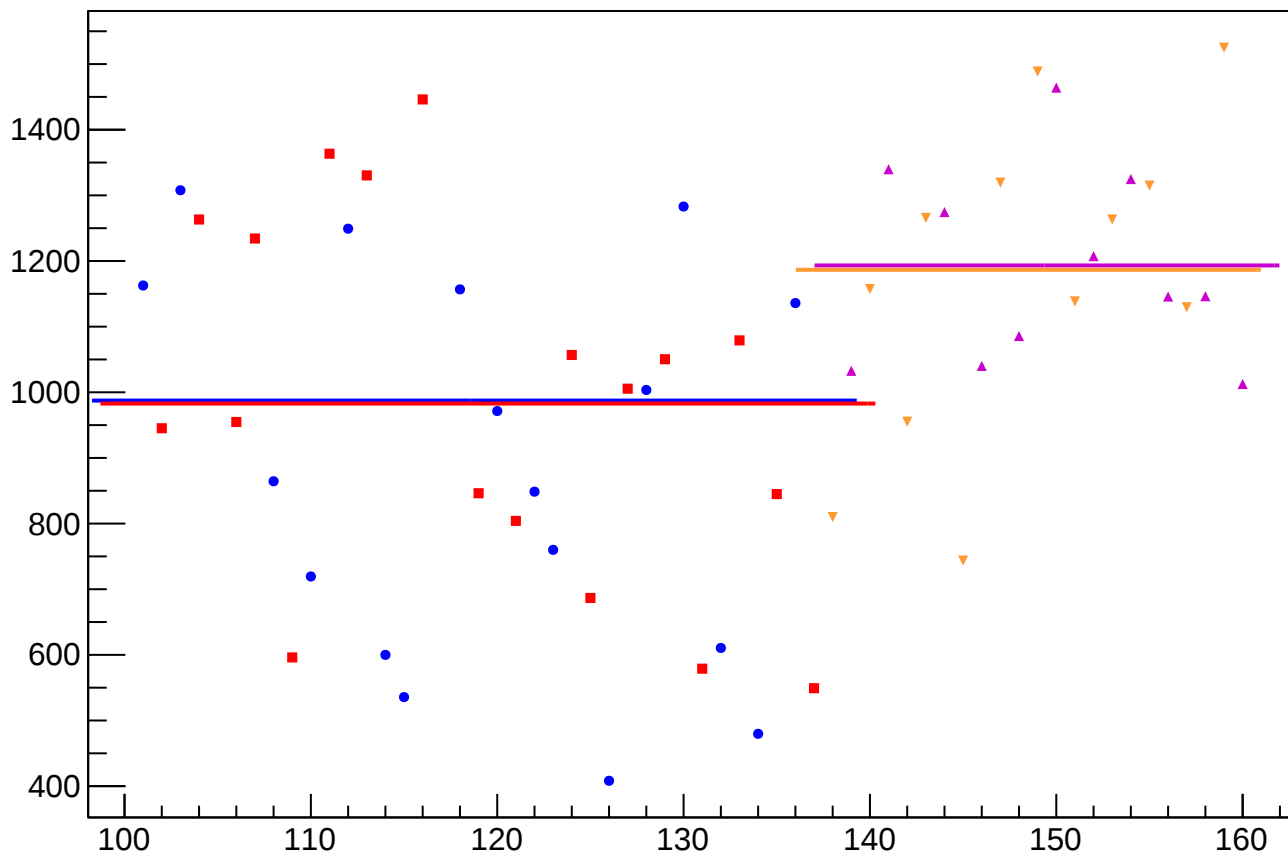
Left In: -8.377 ± 0.000 χ^2/NDF : 7305049621104210689876244459159552.0/10

dit_4eY_coil7_err_mean vs Slug



Right In: 2.210 ± 0.000 χ^2/NDF : 685219894303103753186103173054464.0/16
 Left Out: 1.604 ± 0.000 χ^2/NDF : 88134442876960203086974867734528.0/11
 Right Out: 2.064 ± 0.000 χ^2/NDF : 574315722841914805756407412948992.0/17
 Left In: 1.583 ± 0.000 χ^2/NDF : 54376045146817744012212281802752.0/10
 + sign 1.867 ± 0.000 χ^2/NDF : 91790498723522989
 All: 1.829 ± 0.000 χ^2/NDF : 16446751324639
 - sign 1.792 ± 0.000 χ^2/NDF : 72225739278983995

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

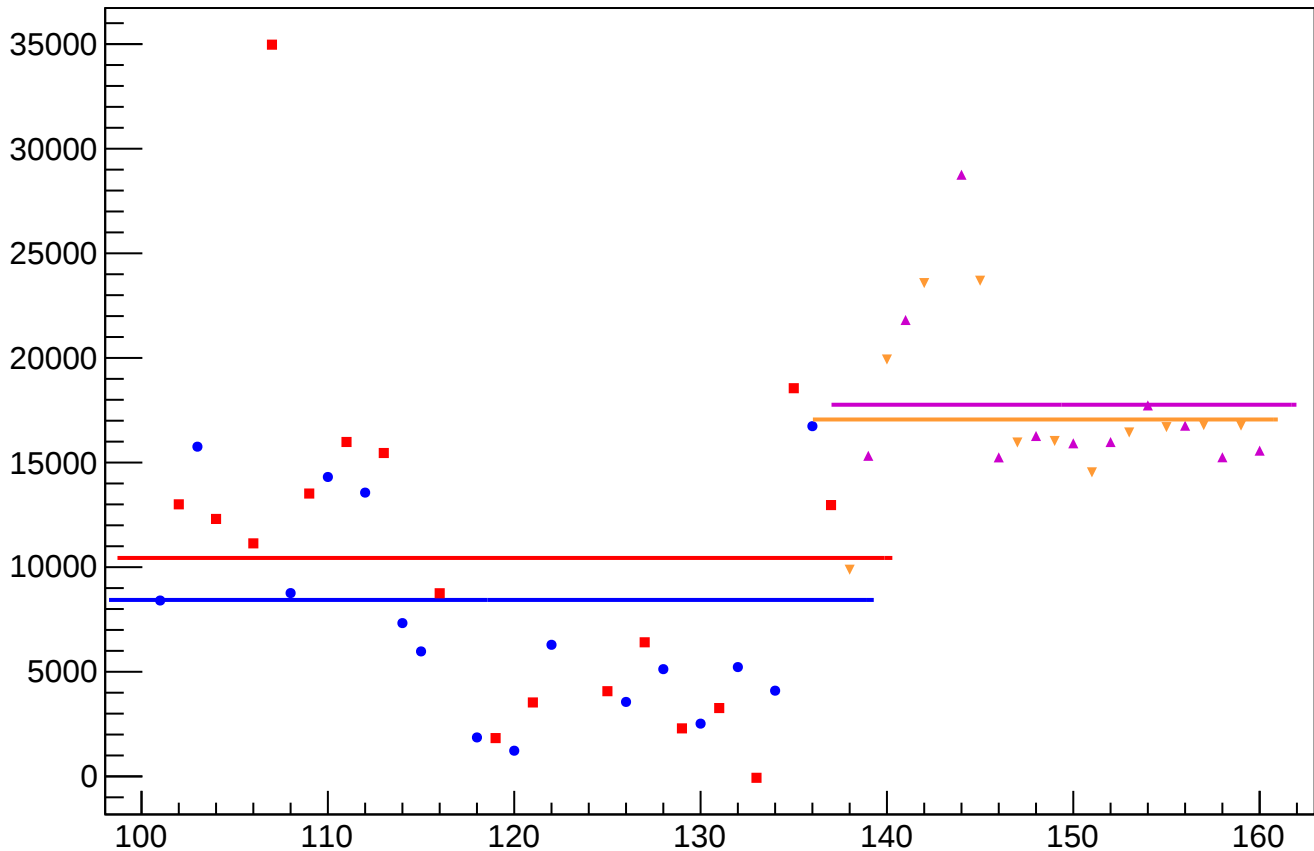
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

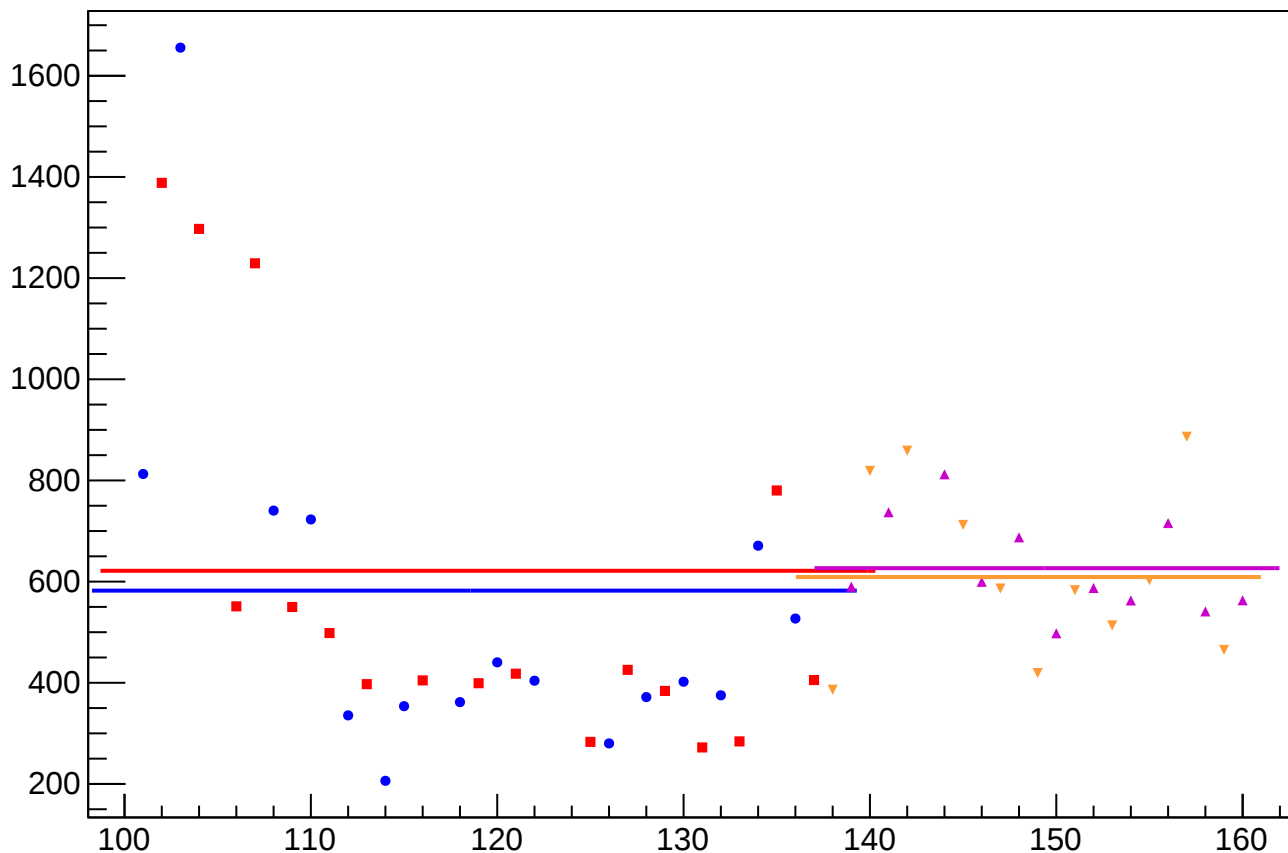
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_usl_coil7_mean vs Slug



Right In: 8433.891+/-0.000 χ^2/NDF : 20327422028204985369763408215621299601408.0/15
 Left Out: 17058.273+/-0.000 χ^2/NDF : 10811611646396396135044758761220754898944.0/10
 Right Out: 10440.704+/-0.000 χ^2/NDF : 45868144044016746065453678570140629729280.0/16
 Left In: 17763.145+/-0.000 χ^2/NDF : 14921716045152593676189631342379599396864.0/10

dit_usl_coil7_err_mean vs Slug



Right In: 582.194+/-0.000 χ^2/NDF : 92652521491388929844313077938841976832.0/15

+ sign 596.954+/-0.000 χ^2/NDF : 115361869715928

Left Out: 609.049+/-0.000 χ^2/NDF : 22435846570397404635858963221446656000.0/10

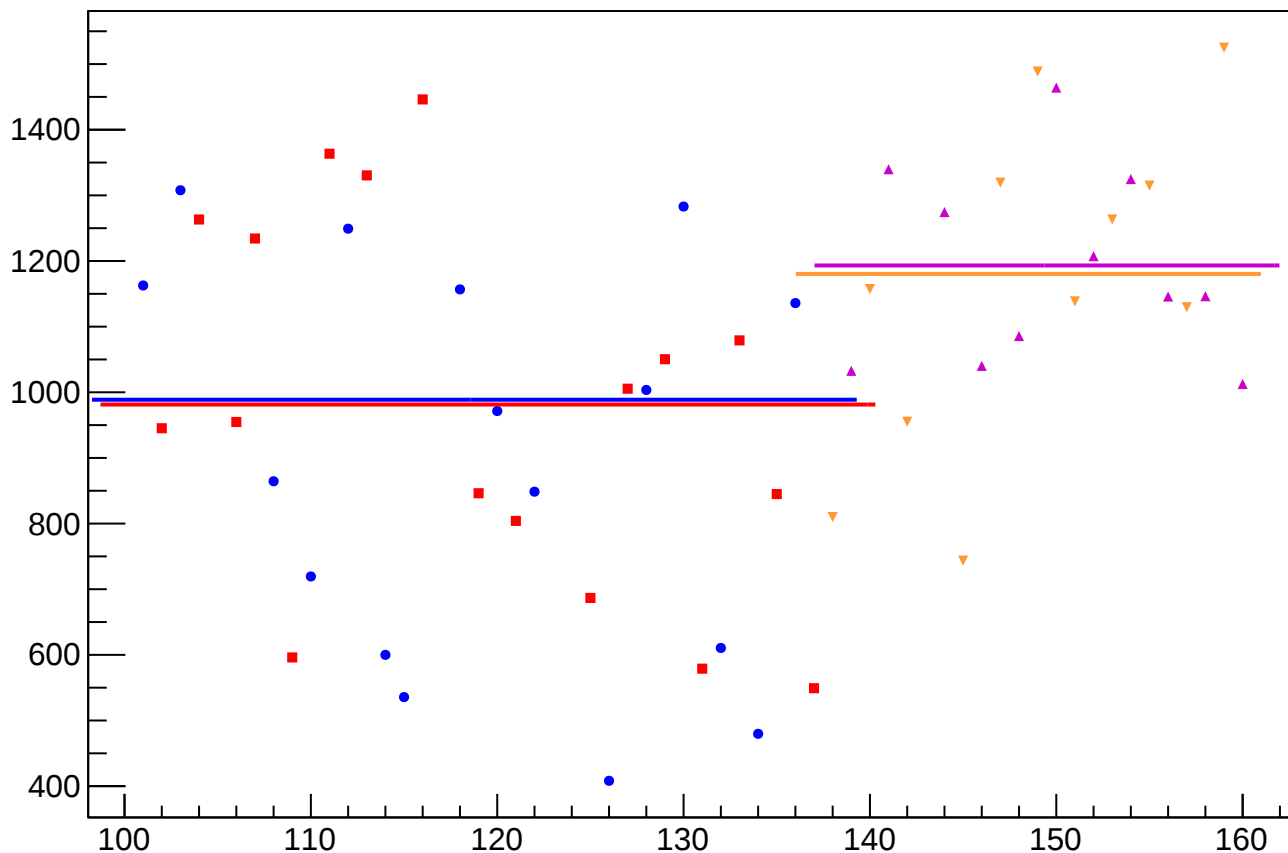
All: 611.107+/-0.000 χ^2/NDF : 223165991118

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

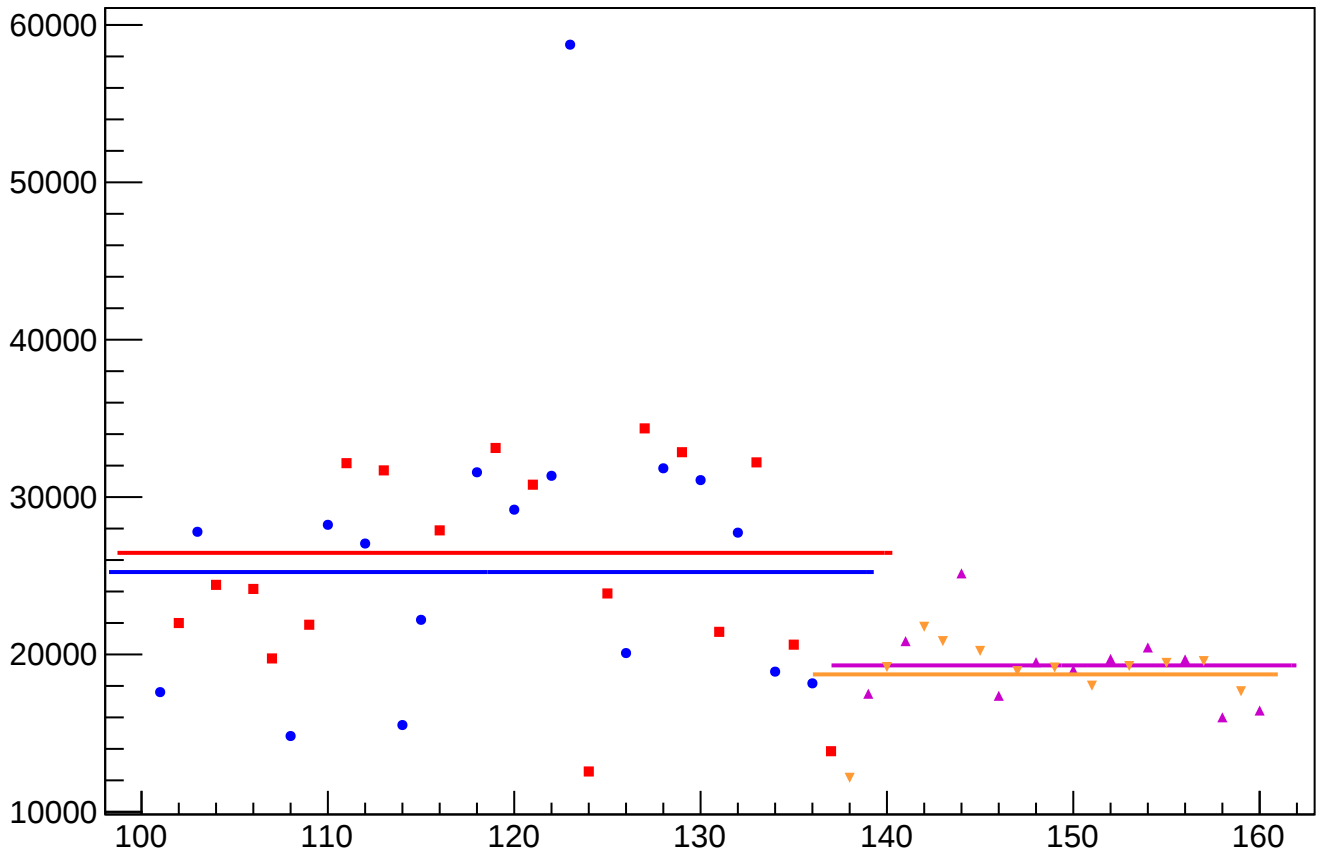
All: 1098.305+/-0.000 χ^2/NDF : 20036689043

Right Out: 981.352+/-0.000 χ^2/NDF : 48028000110939353209143459445919973376.0/16

- sign 1102.333+/-0.000 χ^2/NDF : 84716540764657

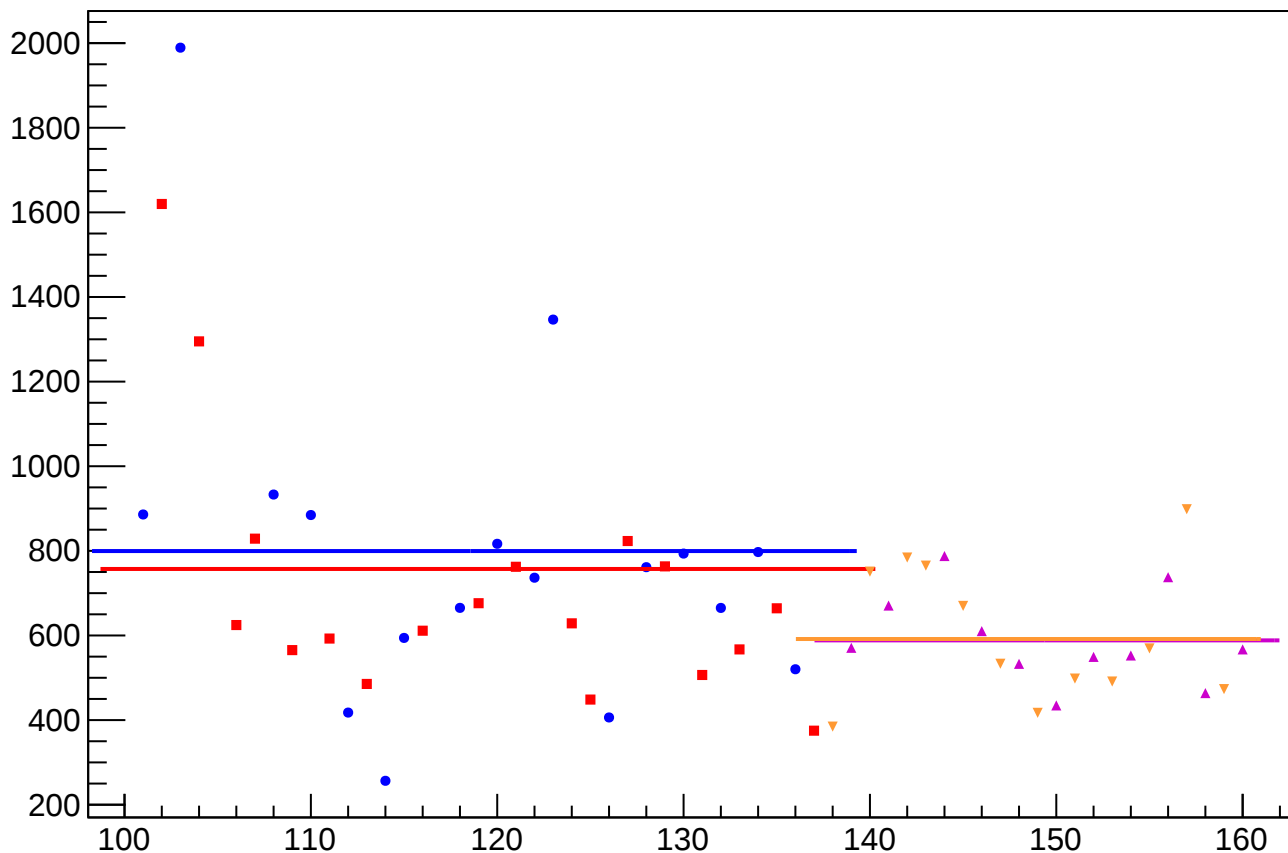
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

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

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

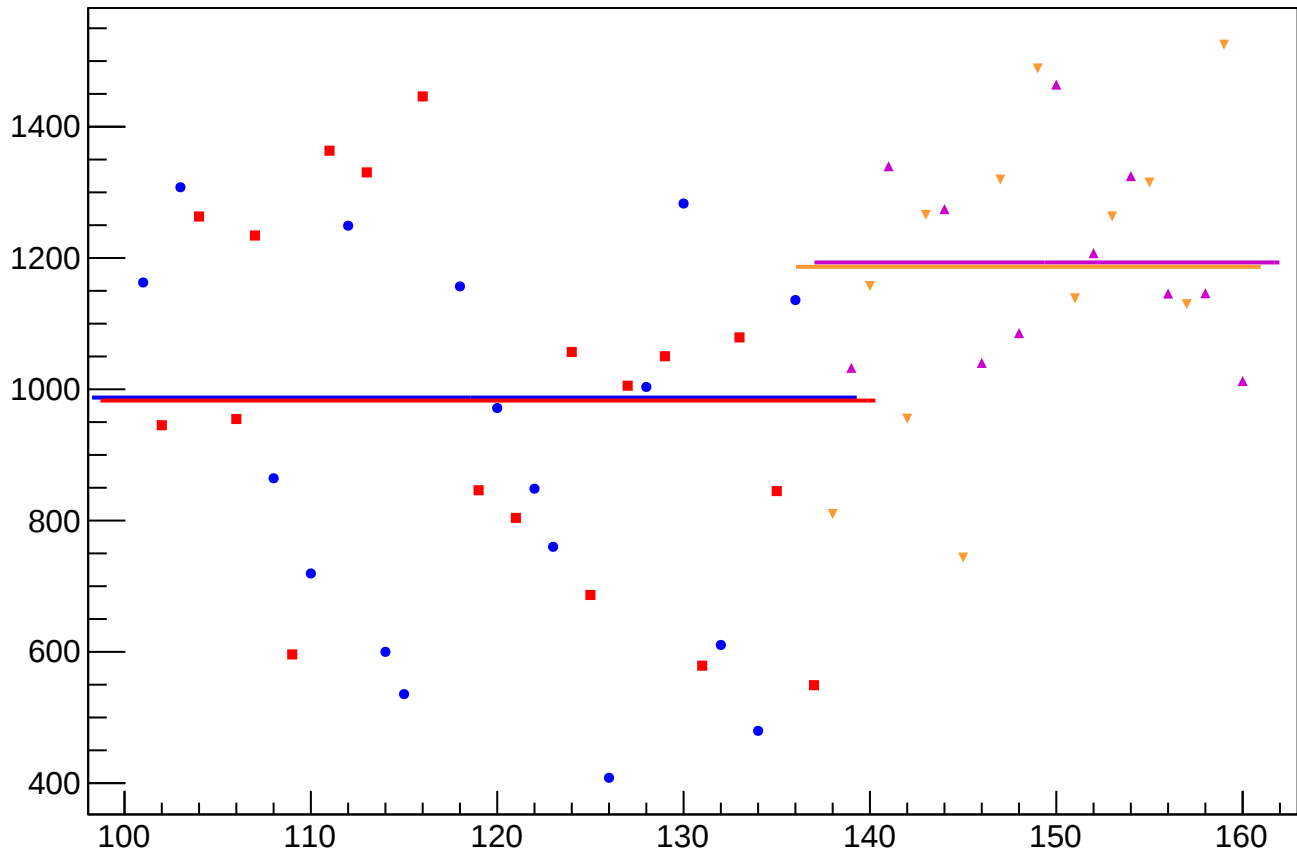
All: 671.500+/-0.000 χ^2/NDF : 25020556793

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 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

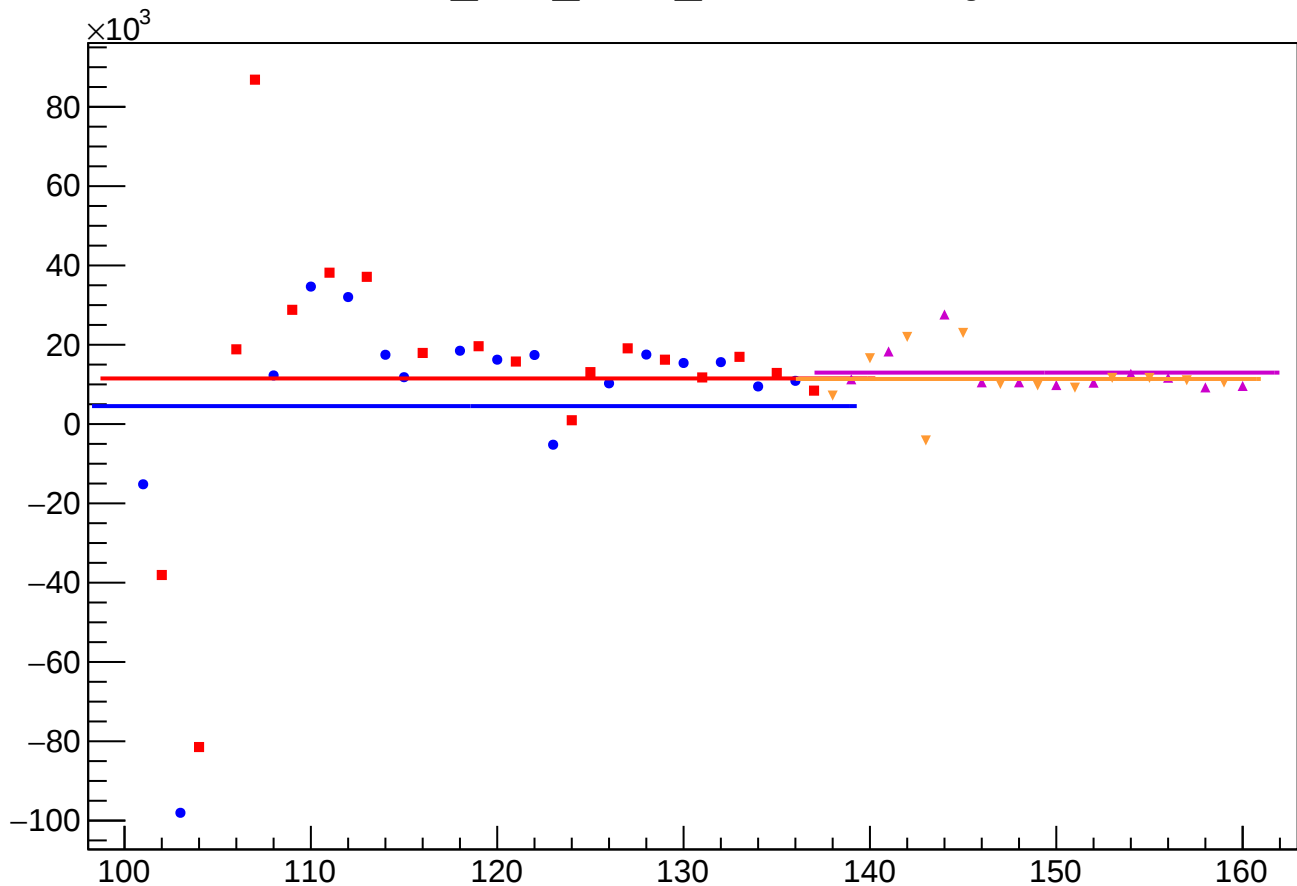
All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

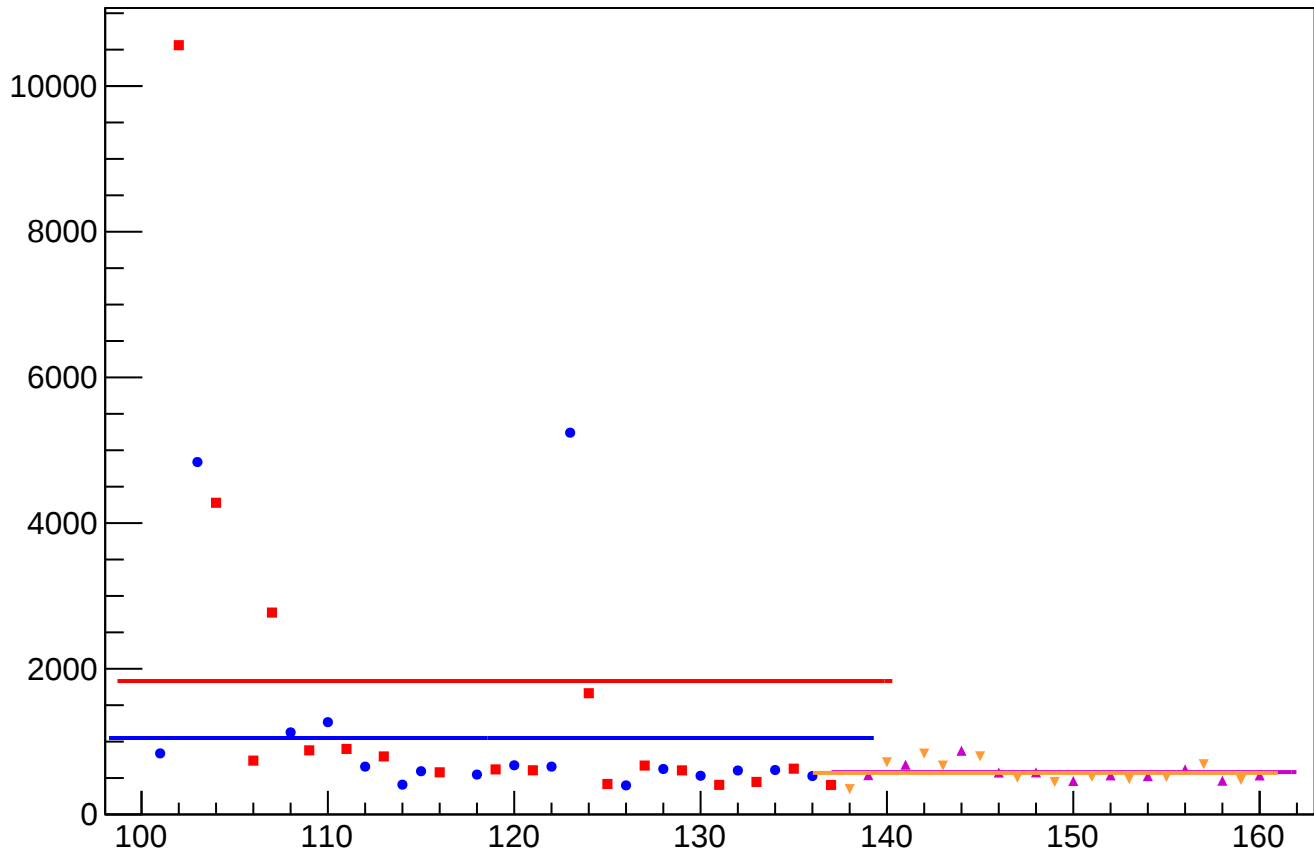
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

dit_atl1_coil7_mean vs Slug



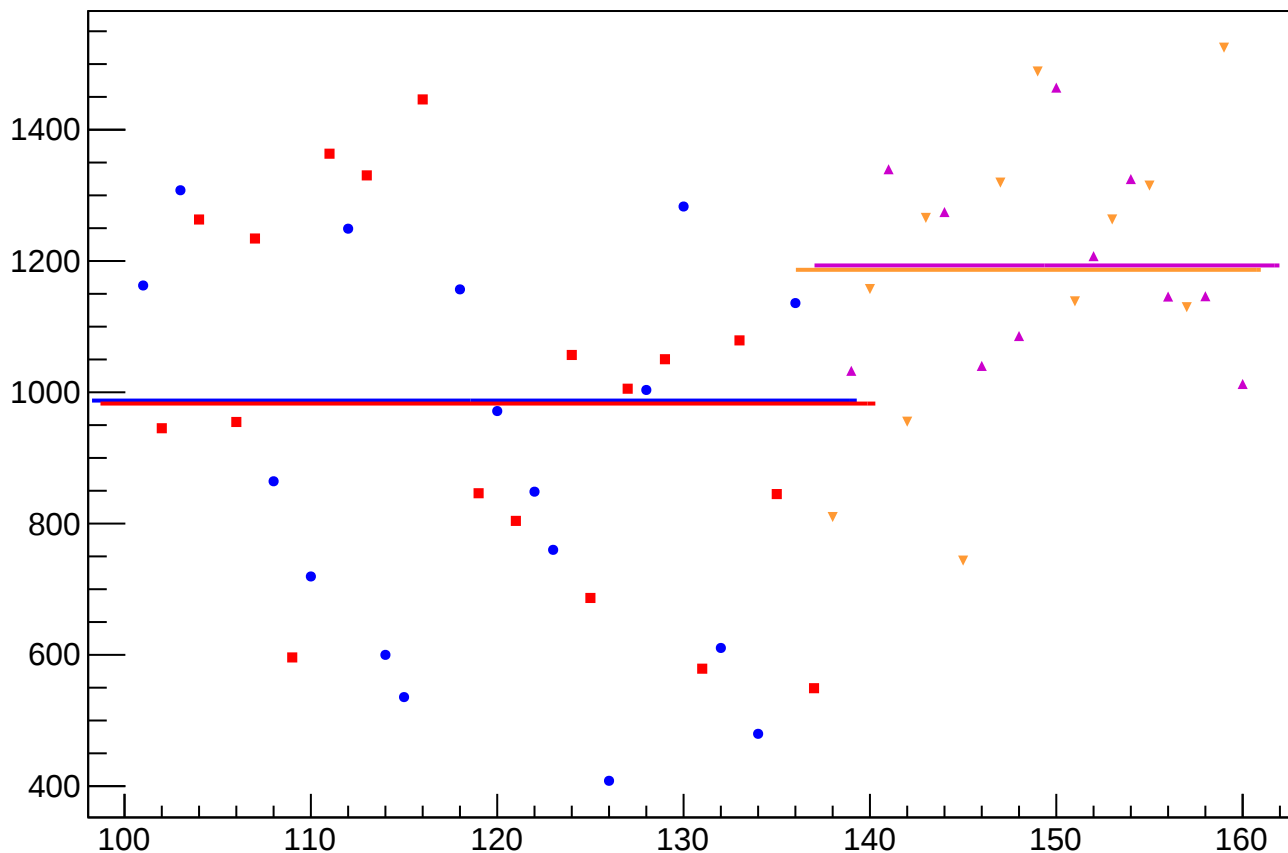
Right In: 4528.489 $\pm$ 0.000 χ^2 /NDF: 765984421186945141508299673026645807071232.0/16
 Left Out: 11369.972 $\pm$ 0.000 χ^2 /NDF: 36208718267646883298044880734212432330752.0/11
 Right Out: 11503.298 $\pm$ 0.000 χ^2 /NDF: 877839720750399952947204251622051720200192.0/17
 Left In: 12973.748 $\pm$ 0.000 χ^2 /NDF: 26423716846952217142475221393758111137792.0/10

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

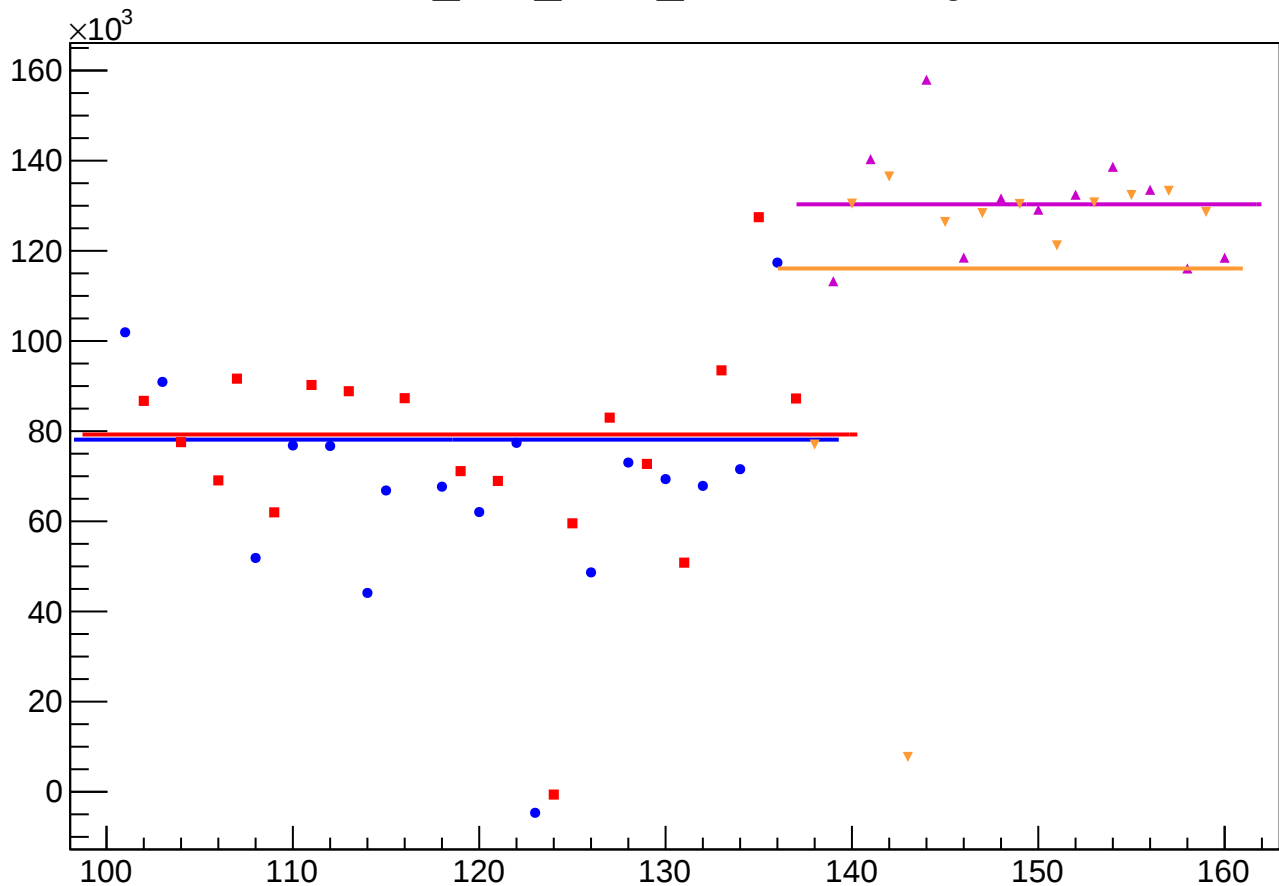
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

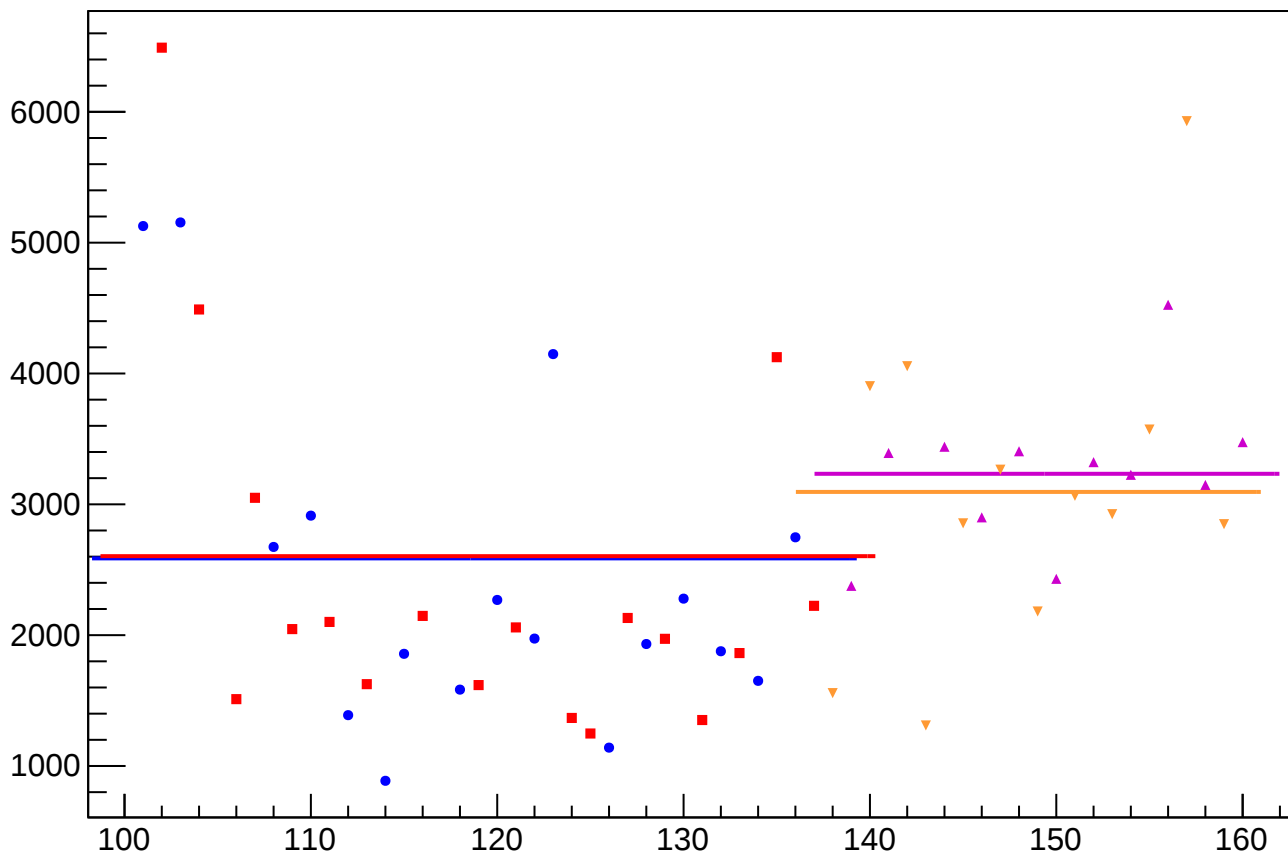
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_atl2_coil7_mean vs Slug



Right In: 78120.227+/-0.000 χ^2/NDF : 308820964030920149649775995002991312633856.0/16
 Left Out: 116083.925+/-0.000 χ^2/NDF : 1055028859665678299066390828243571544424448.0/11
 Right Out: 79260.499+/-0.000 χ^2/NDF : 303215964703866066986504542190112711114752.0/17
 Left In: 130317.995+/-0.000 χ^2/NDF : 147443434358857033174111826688008821669888.0/10

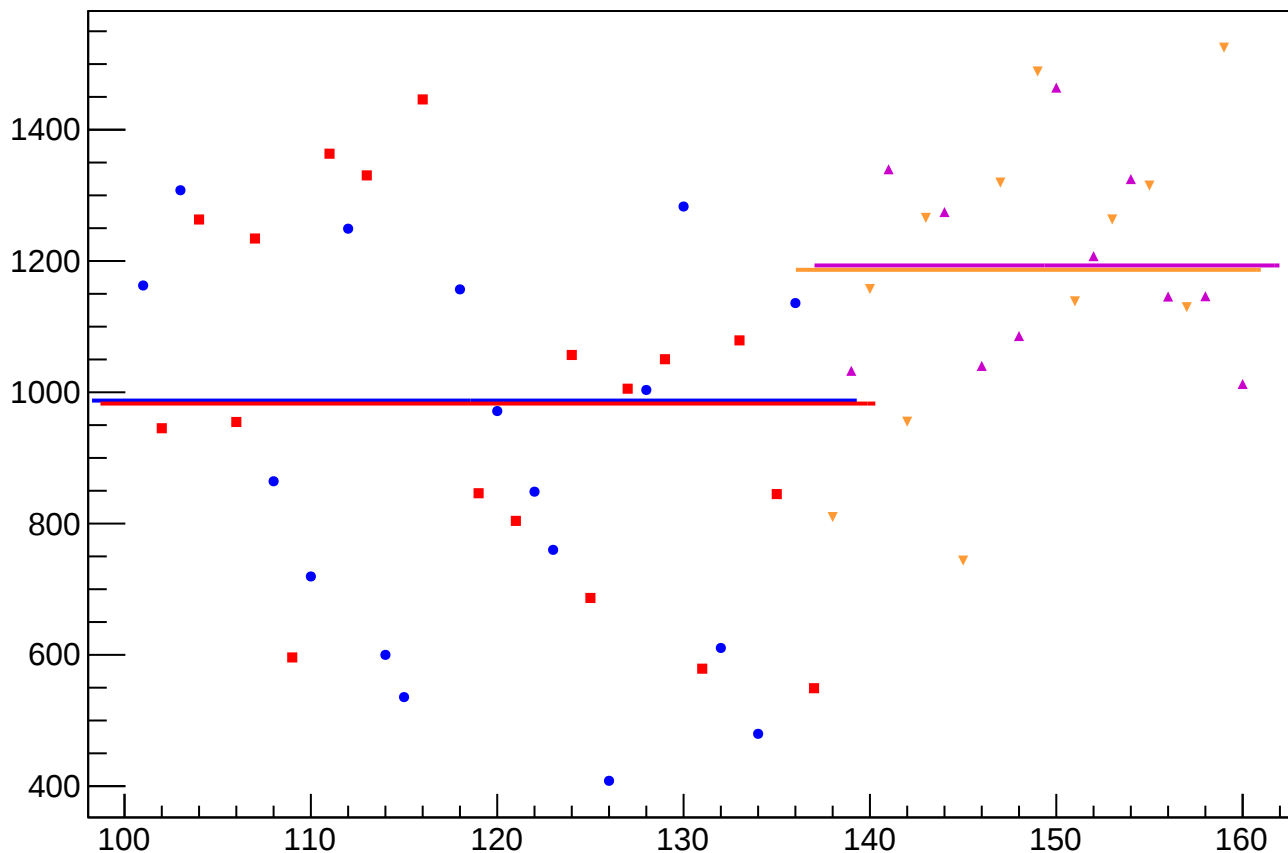
dit_atl2_coil7_err_mean vs Slug



Right In: 2586.924+/-0.000	χ^2/NDF : 1122415737488478857695553804598689923072.0/16
Left Out: 3094.875+/-0.000	χ^2/NDF : 1190700908263990863745595905660178923520.0/11
Right Out: 2603.762+/-0.000	χ^2/NDF : 1547340202870581842616287406625719844864.0/17
Left In: 3233.353+/-0.000	χ^2/NDF : 275364684617140508153597807706060619776.0/10

+ 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

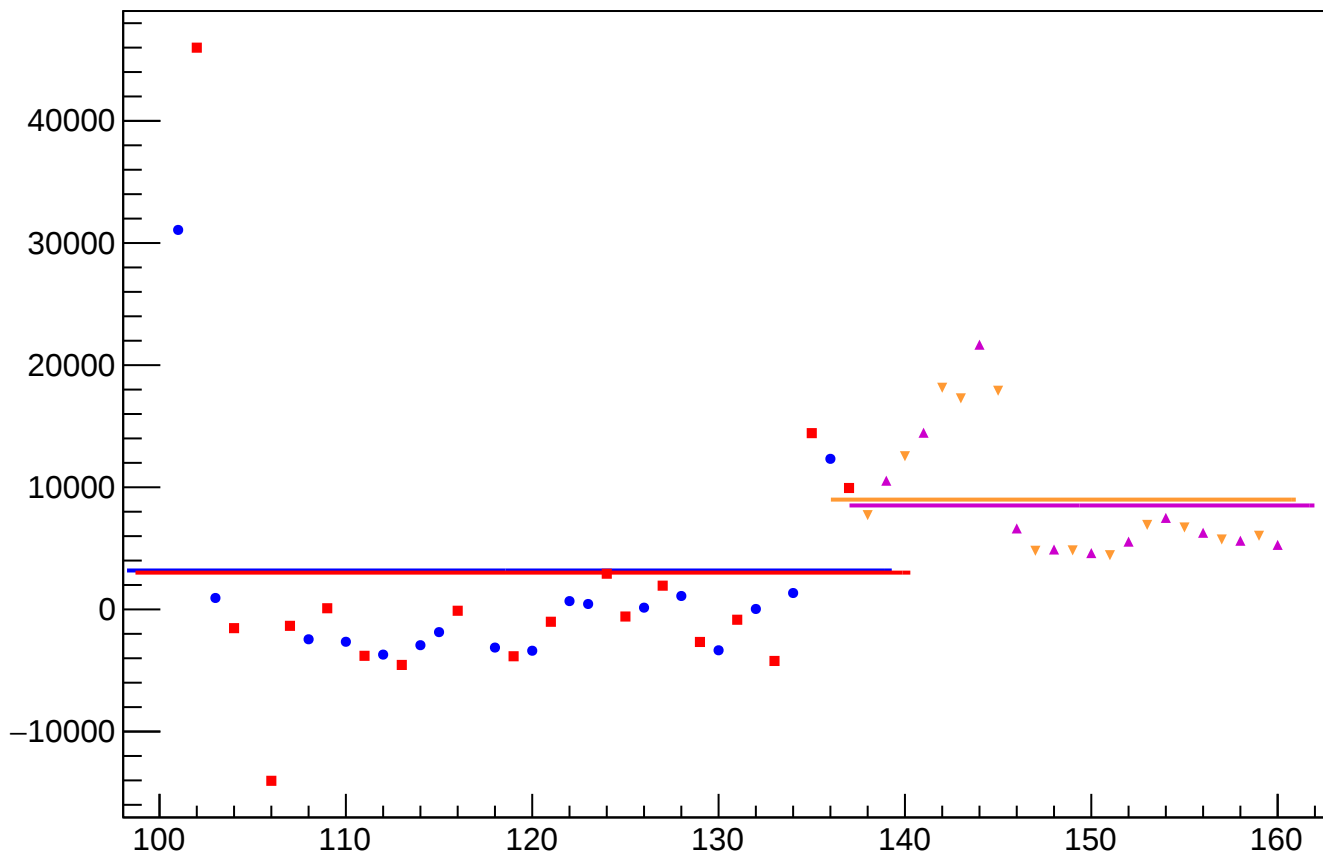
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

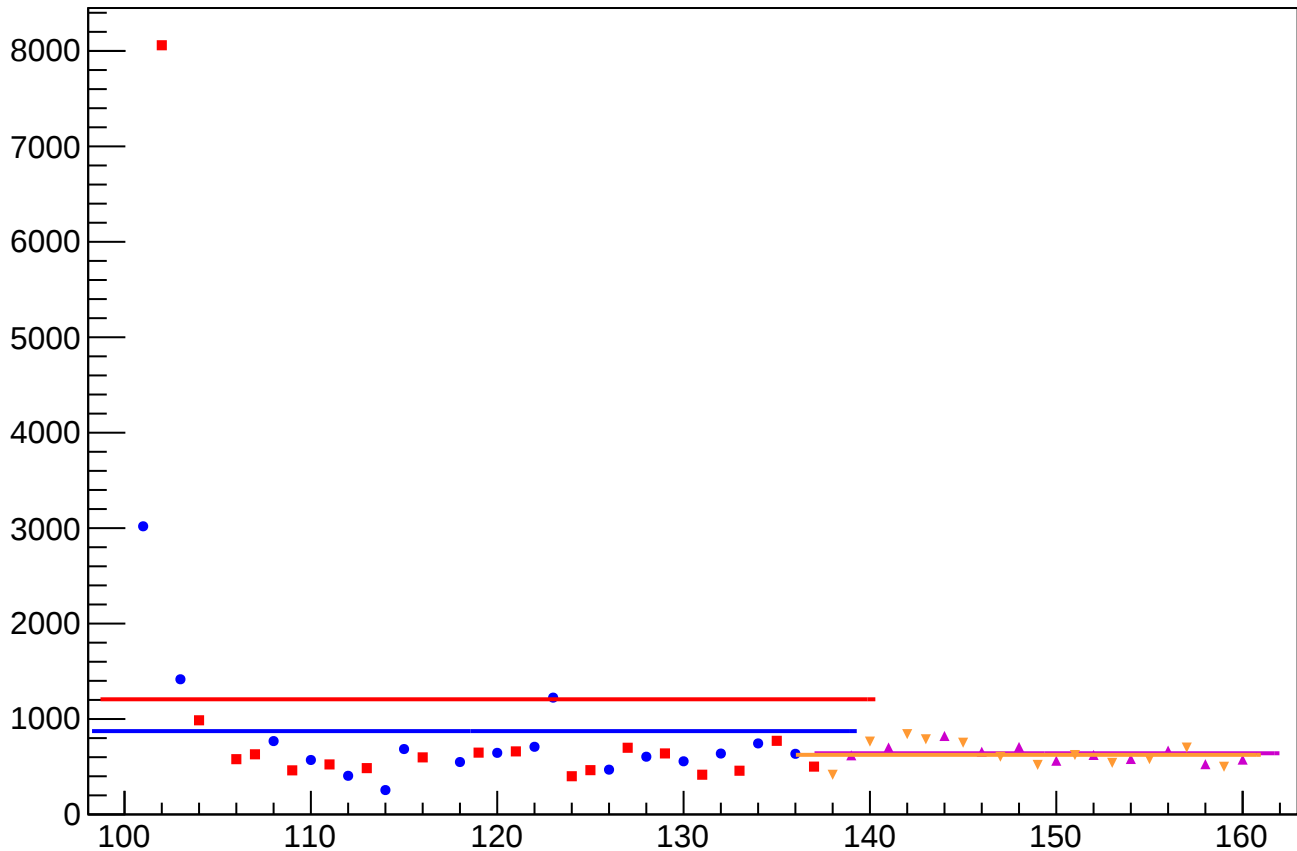
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

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

+ sign 732.395+/-0.000 χ^2/NDF : 378872740147879

Left Out: 624.813+/-0.000 χ^2/NDF : 13578620393793038879015873058055389184.0/11

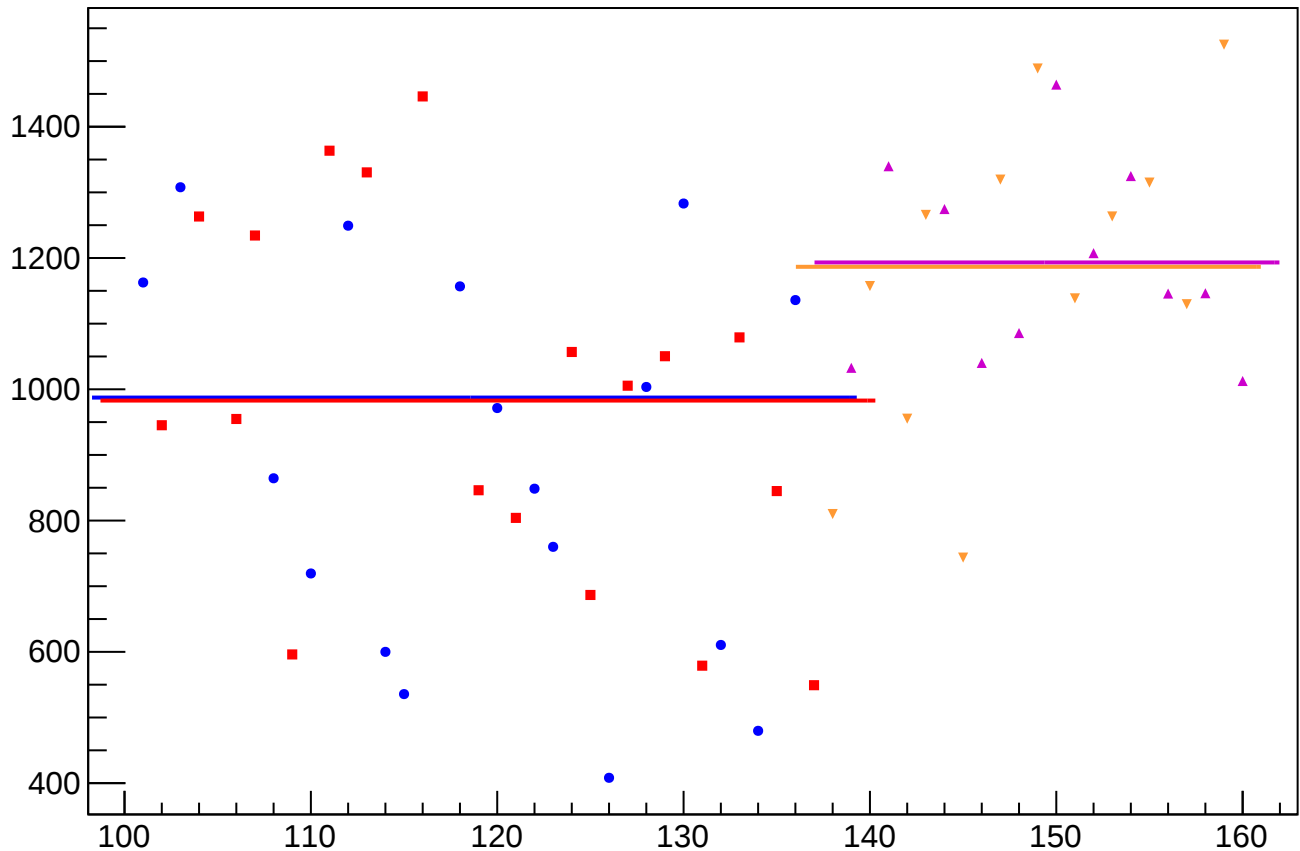
All: 810.512+/-0.000 χ^2/NDF : 35131610687

Right Out: 1206.661+/-0.000 χ^2/NDF : 2979483538609797767268010500388070359040.0/17

- sign 886.496+/-0.000 χ^2/NDF : 311499160767710

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

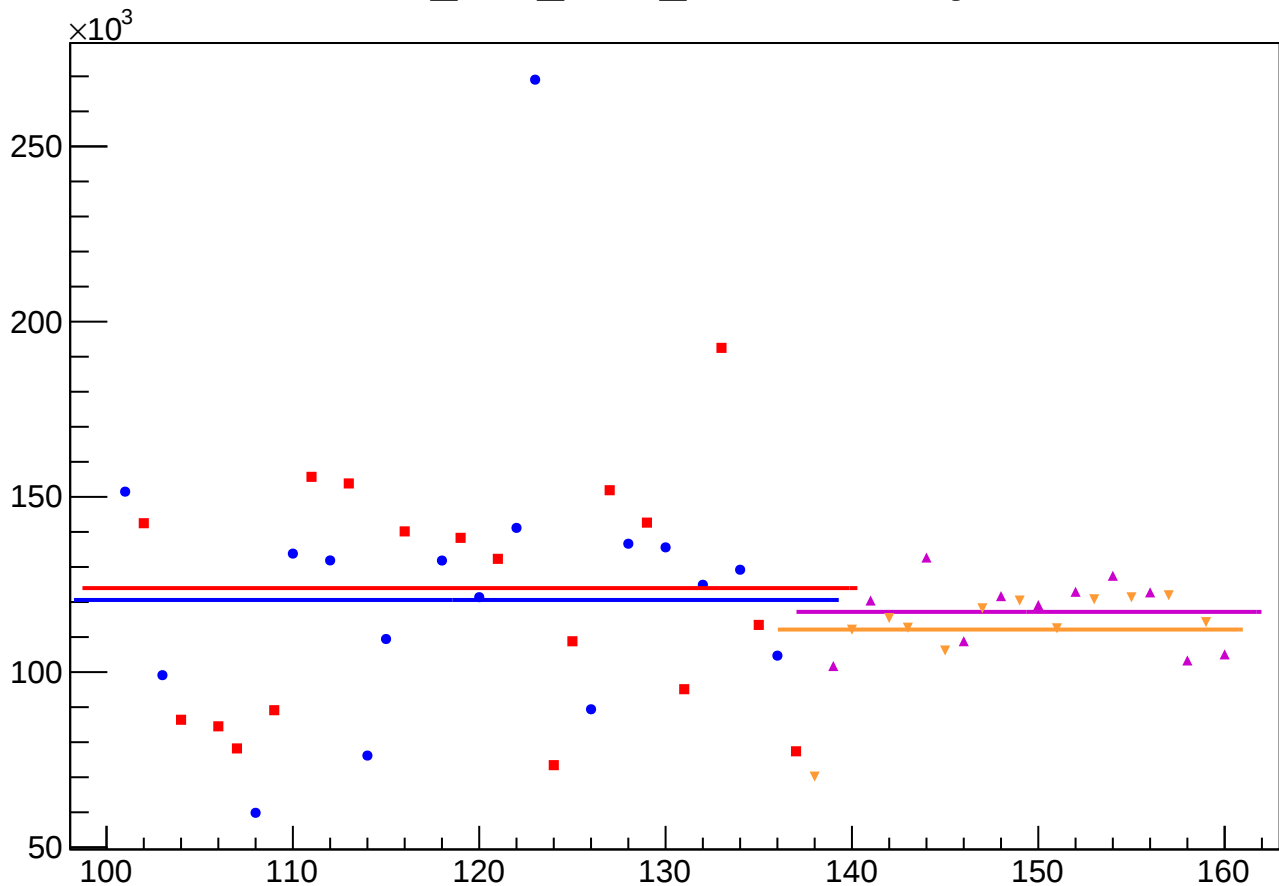
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ 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

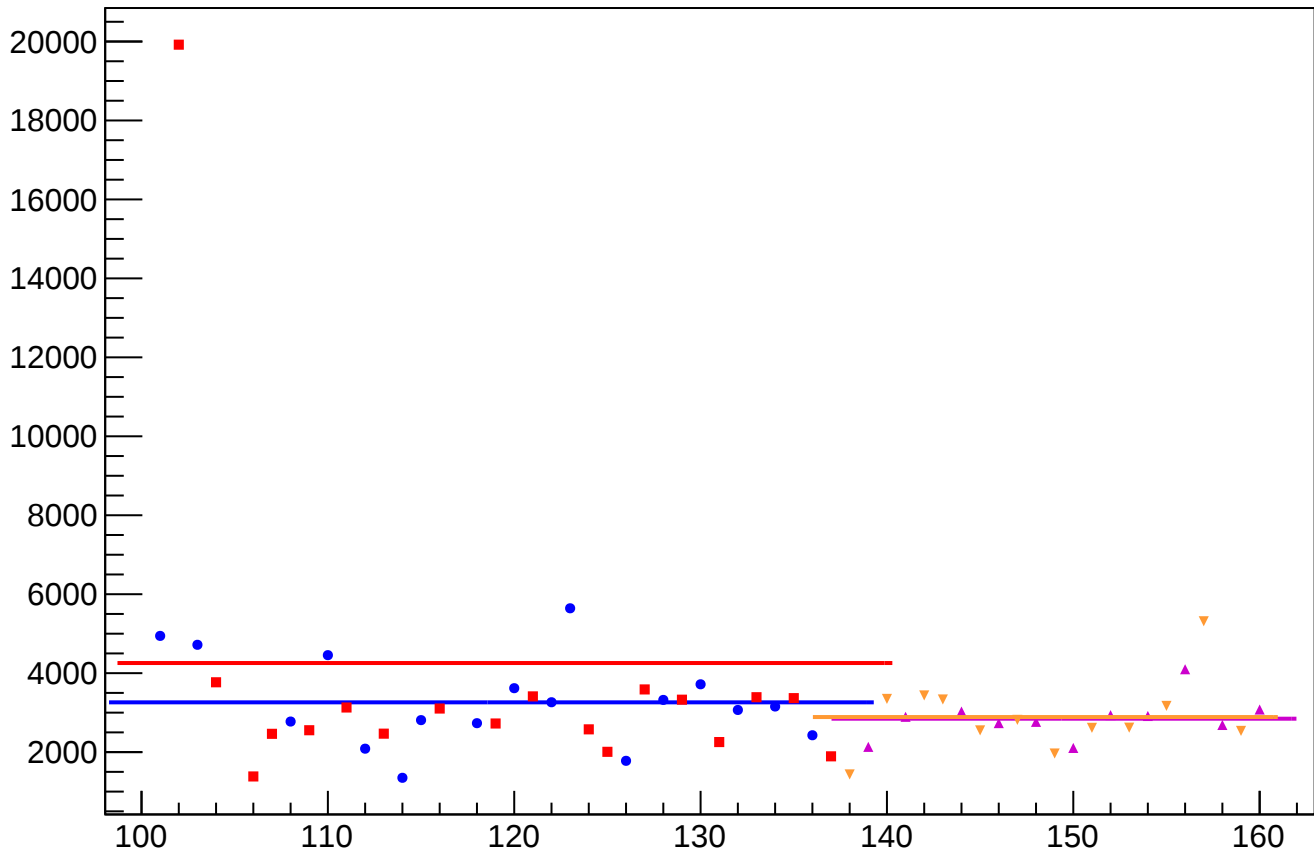
dit_atr2_coil7_mean vs Slug



Right In: 120586.708+/-0.000	χ^2/NDF : 463702909226593065118055925390873188106240.0/16
Left Out: 112145.166+/-0.000	χ^2/NDF : 169803943899249833628115478004203597594624.0/11
Right Out: 123970.573+/-0.000	χ^2/NDF : 754871099831913254311543250015602251661312.0/17
Left In: 117187.281+/-0.000	χ^2/NDF : 92050085463575690364904587071982548287488.0/10

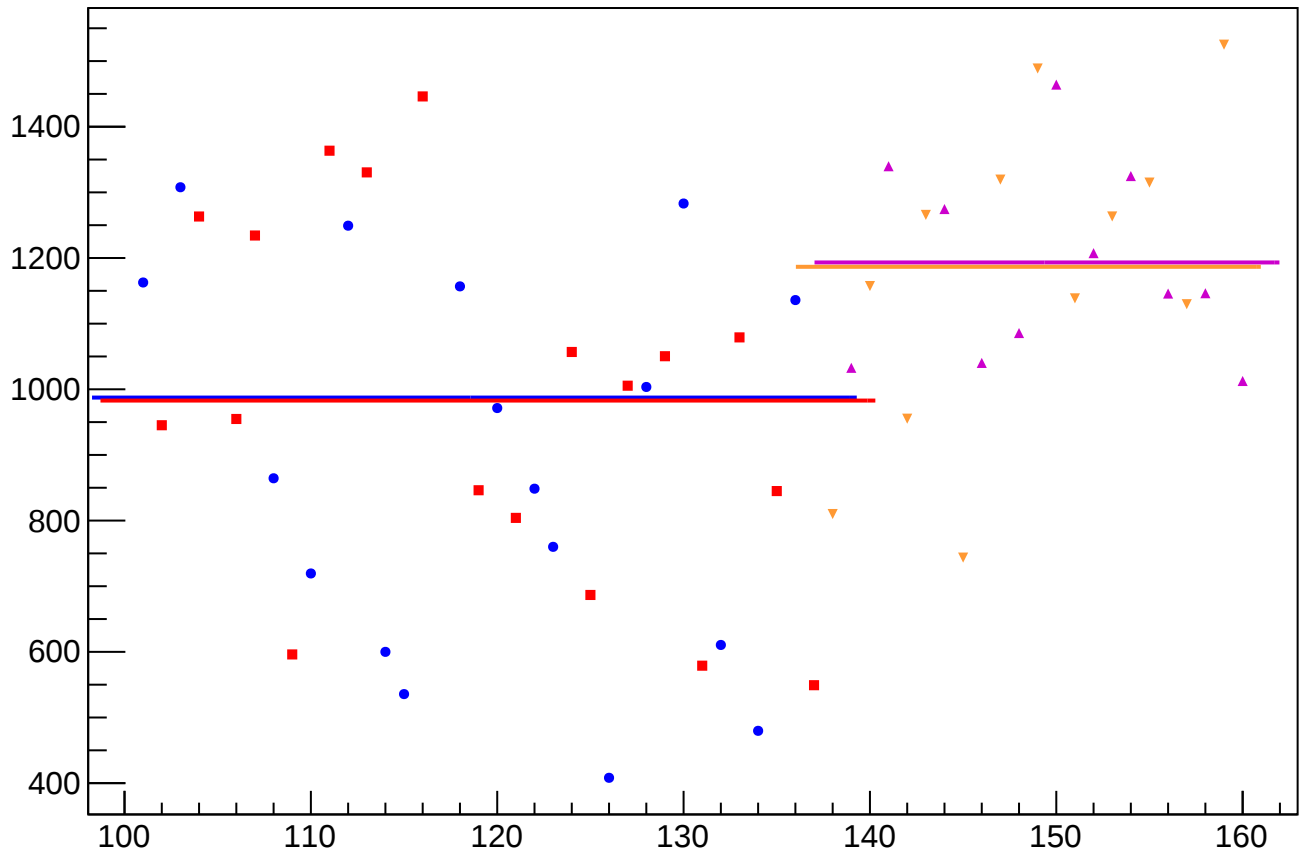
+ sign 115799.833+/-0.000 χ^2/NDF : 661550430846
 All: 117995.024+/-0.000 χ^2/NDF : 154233563
 - sign 120130.275+/-0.000 χ^2/NDF : 865546841215

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 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

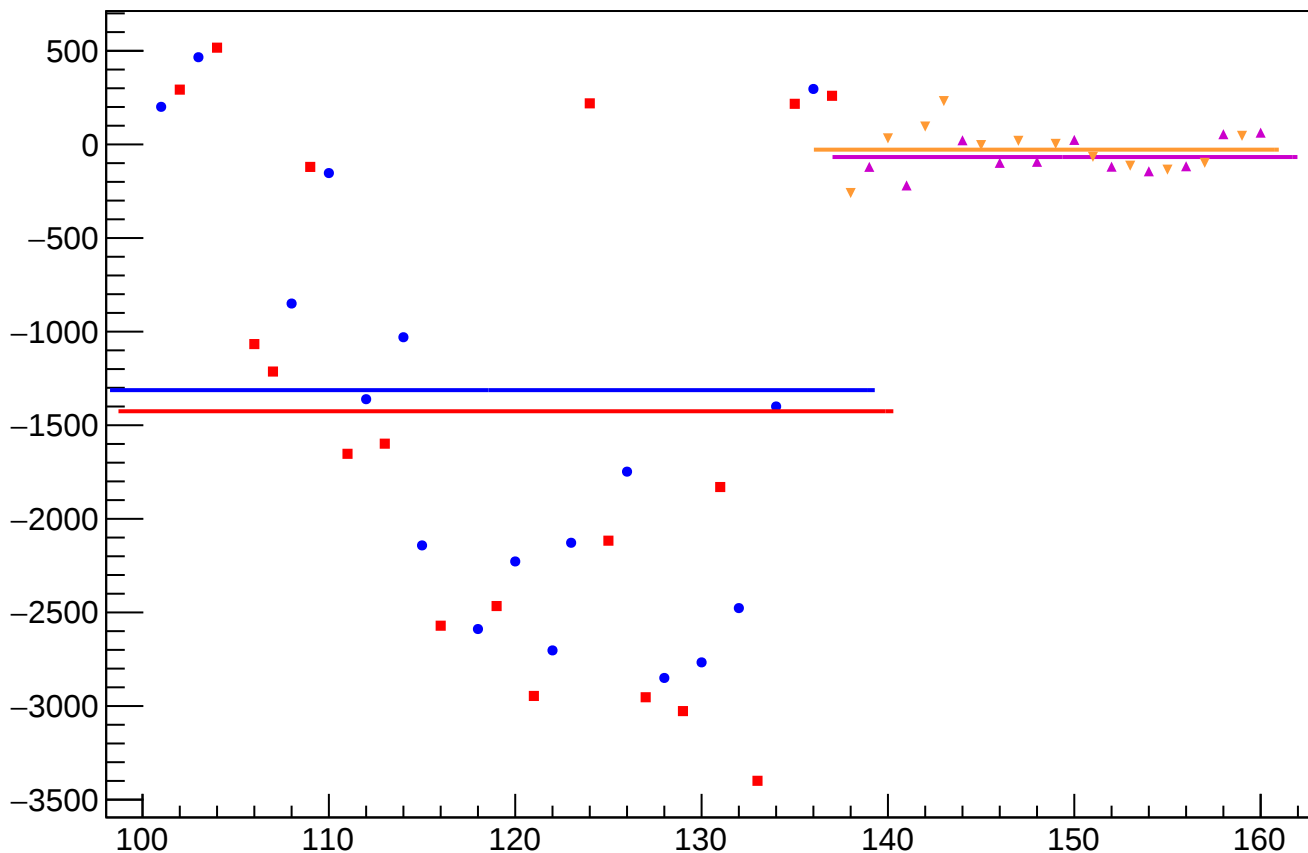
Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

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

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

dit_sam1_coil7_mean vs Slug



Right In: -1312.539 ± 0.000 χ^2/NDF : 1111791822009253468495433607153226612736.0/16

+ sign -584.068 ± 0.000 χ^2/NDF : 17736962722786

Left Out: -27.898 ± 0.000 χ^2/NDF : 12443192627710109481350397021099393024.0/11

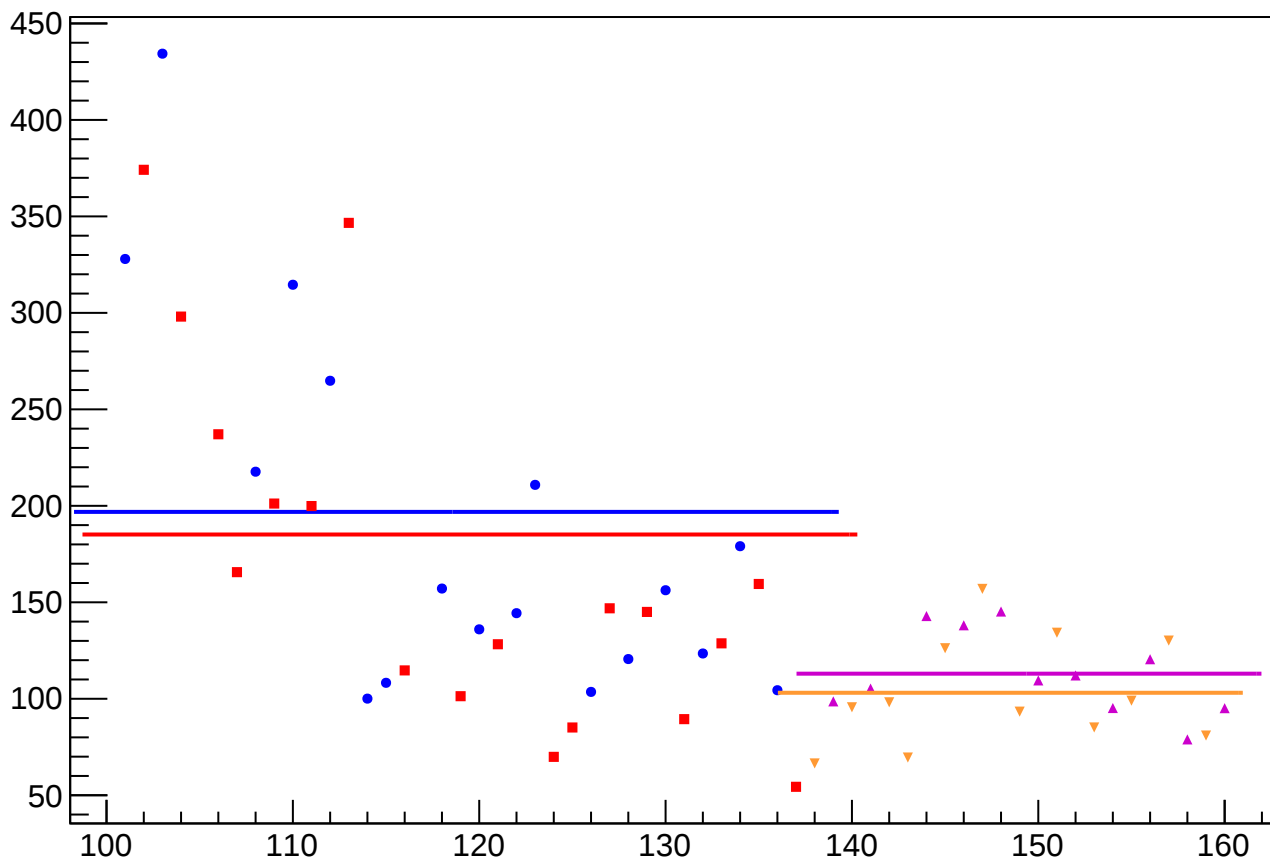
All: -620.791 ± 0.000 χ^2/NDF : 37915549619

Right Out: -1425.319 ± 0.000 χ^2/NDF : 1259772432394270570555753847649915109376.0/17

- sign -656.511 ± 0.000 χ^2/NDF : 201359414612914

Left In: -67.340 ± 0.000 χ^2/NDF : 7344542288743460655103542950920978432.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 196.858+/-0.000 χ^2/NDF : 7337666778319090402870822115647422464.0/16

Left Out: 103.111+/-0.000 χ^2/NDF : 658393761495499558426534507754553344.0/11

Right Out: 185.135+/-0.000 χ^2/NDF : 6160706554997434160213032977968398336.0/17

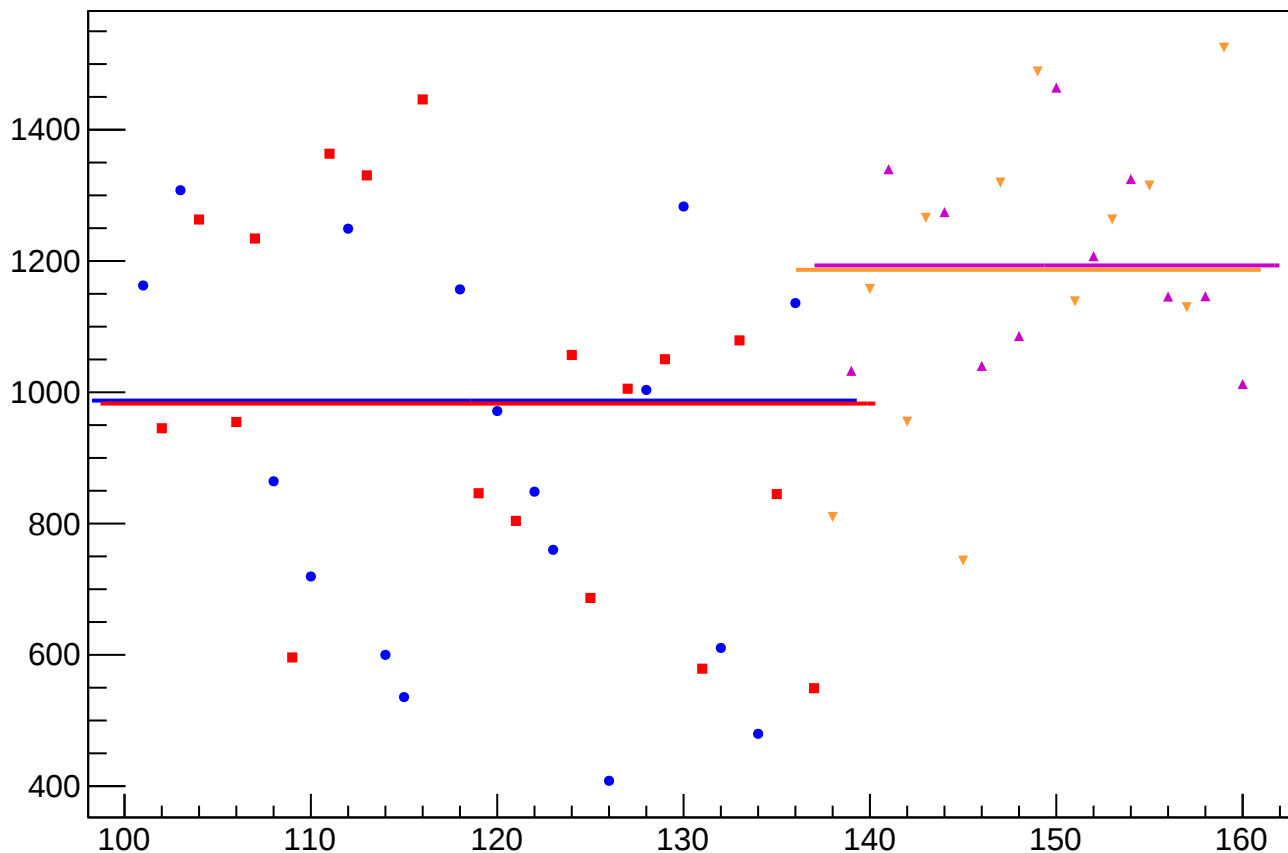
Left In: 113.009+/-0.000 χ^2/NDF : 394825243882053718517351386298974208.0/10

All: 144.004+/-0.000 χ^2/NDF : 201163236509

+ sign 143.697+/-0.000 χ^2/NDF : 114546885560905

- sign 144.302+/-0.000 χ^2/NDF : 866133834293192

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

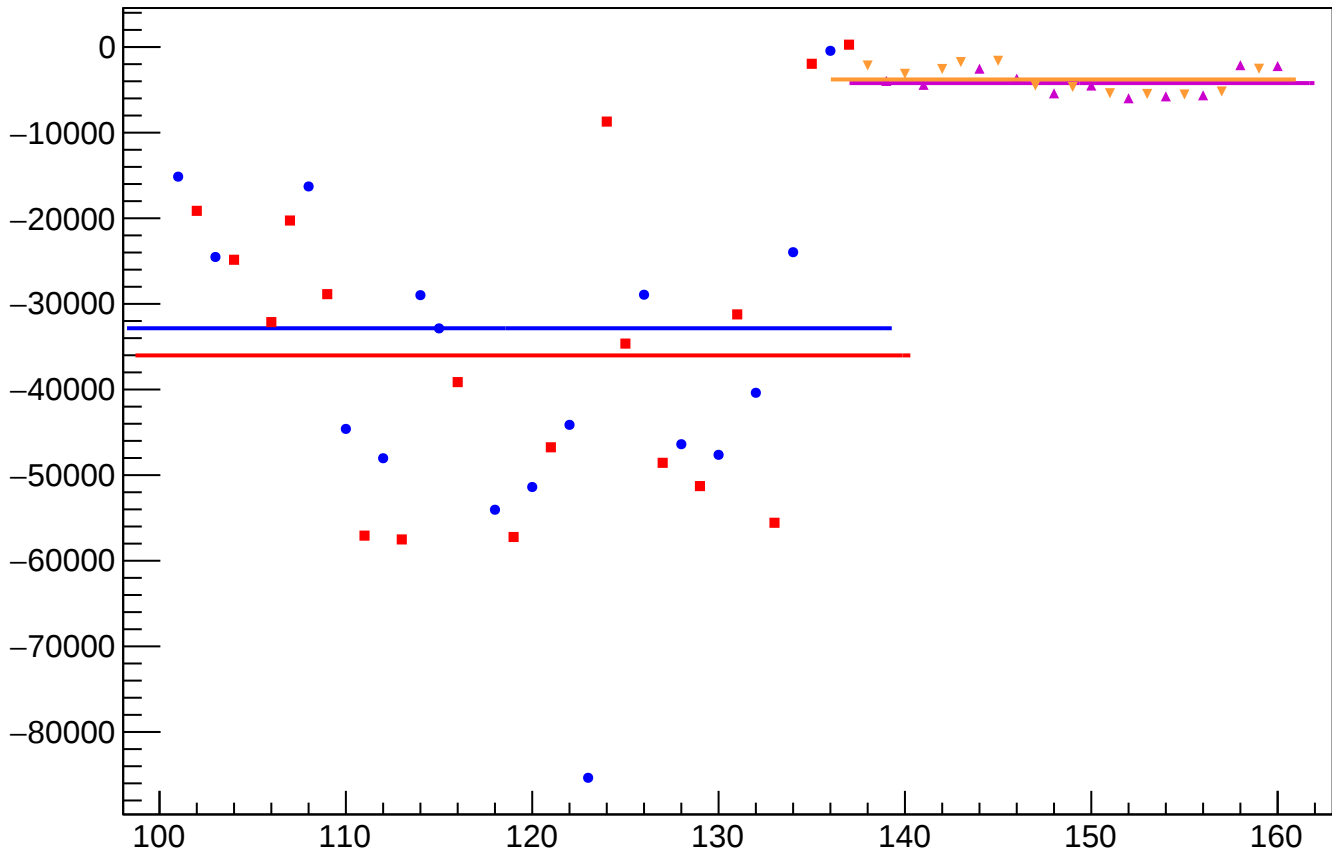
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

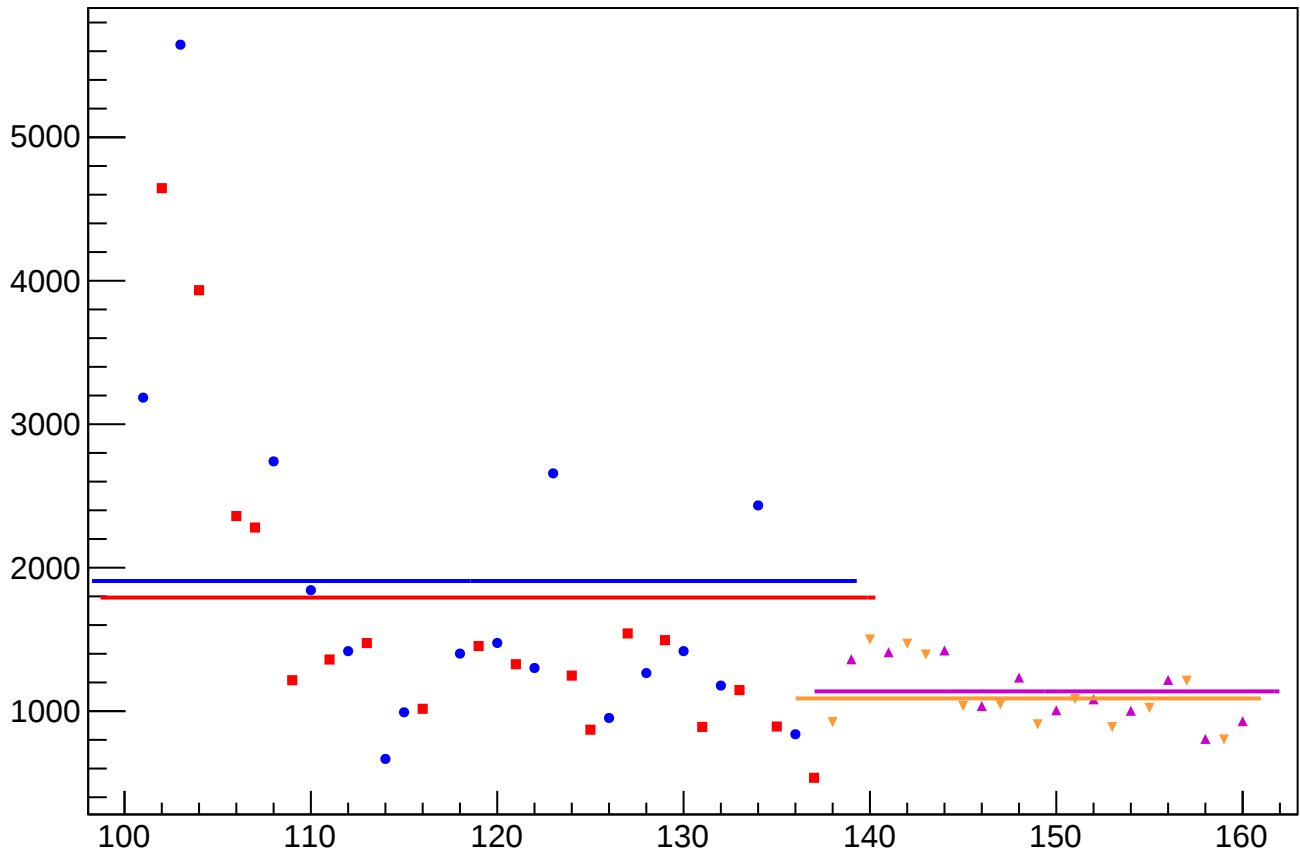
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_sam2_coil7_mean vs Slug



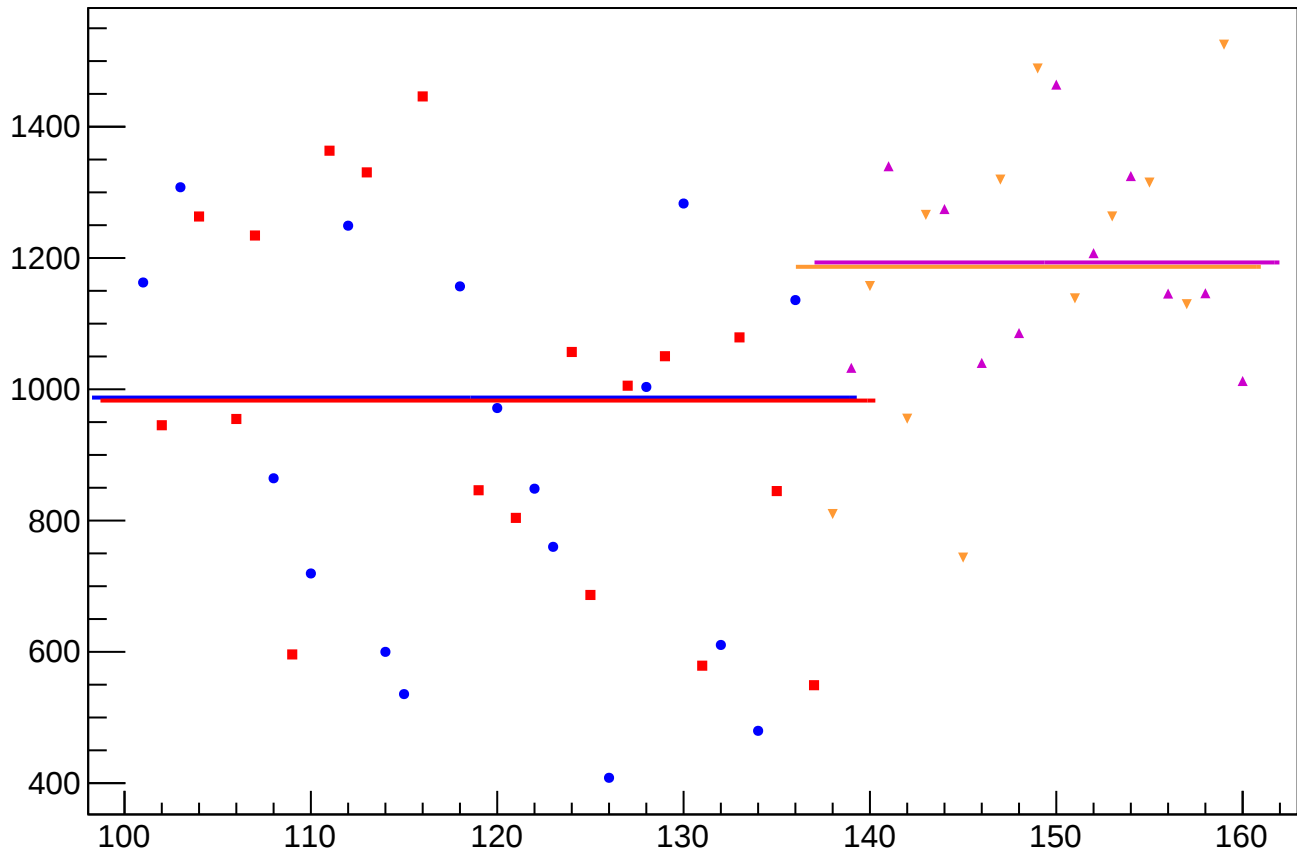
Right In: -32846.038 ± 0.000 $\chi^2/\text{NDF}: 219637368732777746312600570455176987541504.0/16$
 Left Out: -3785.473 ± 0.000 $\chi^2/\text{NDF}: 2024140029118734707580792113032155103232.0/11$
 Right Out: -36017.918 ± 0.000 $\chi^2/\text{NDF}: 228867649175680979480074989628486510968832.0/17$
 Left In: -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

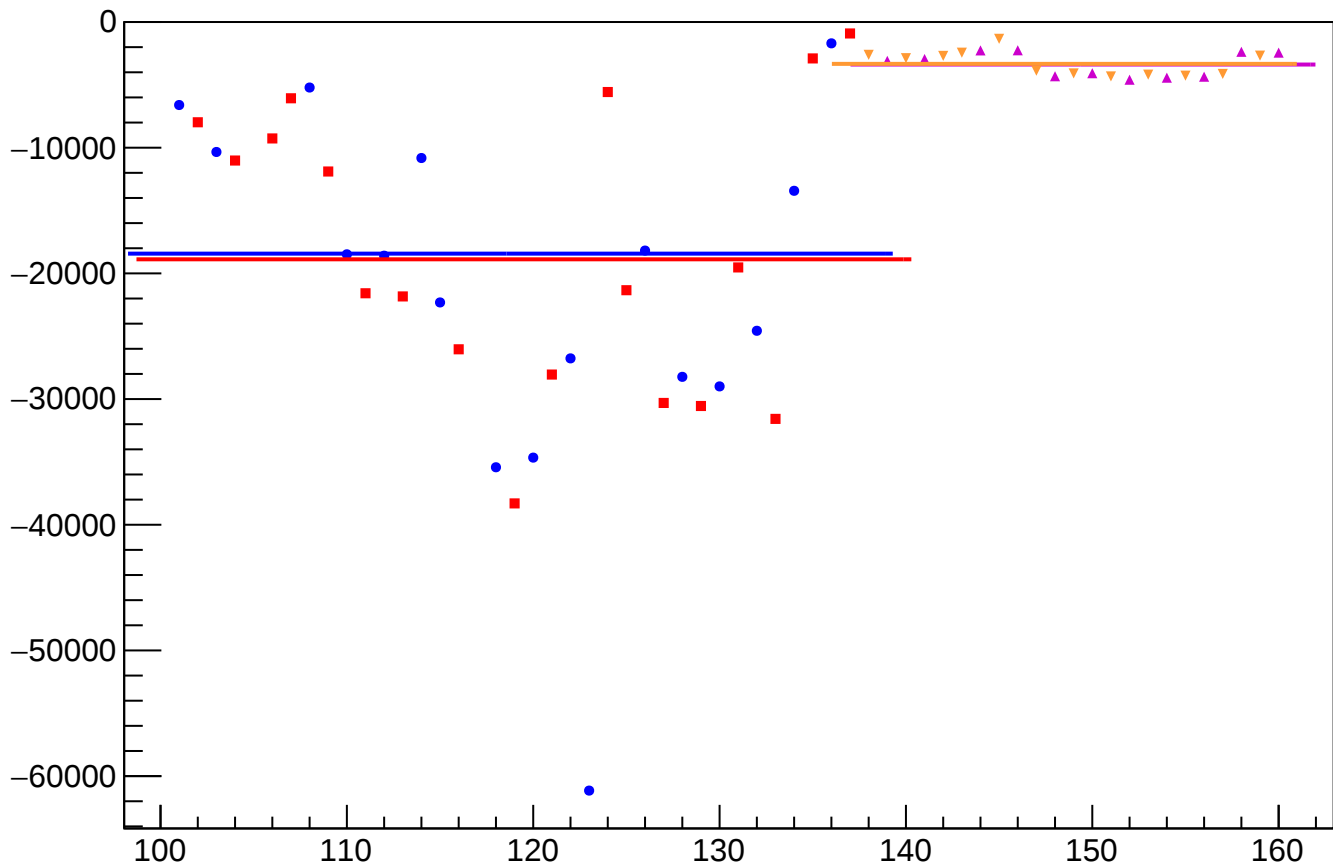
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ 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

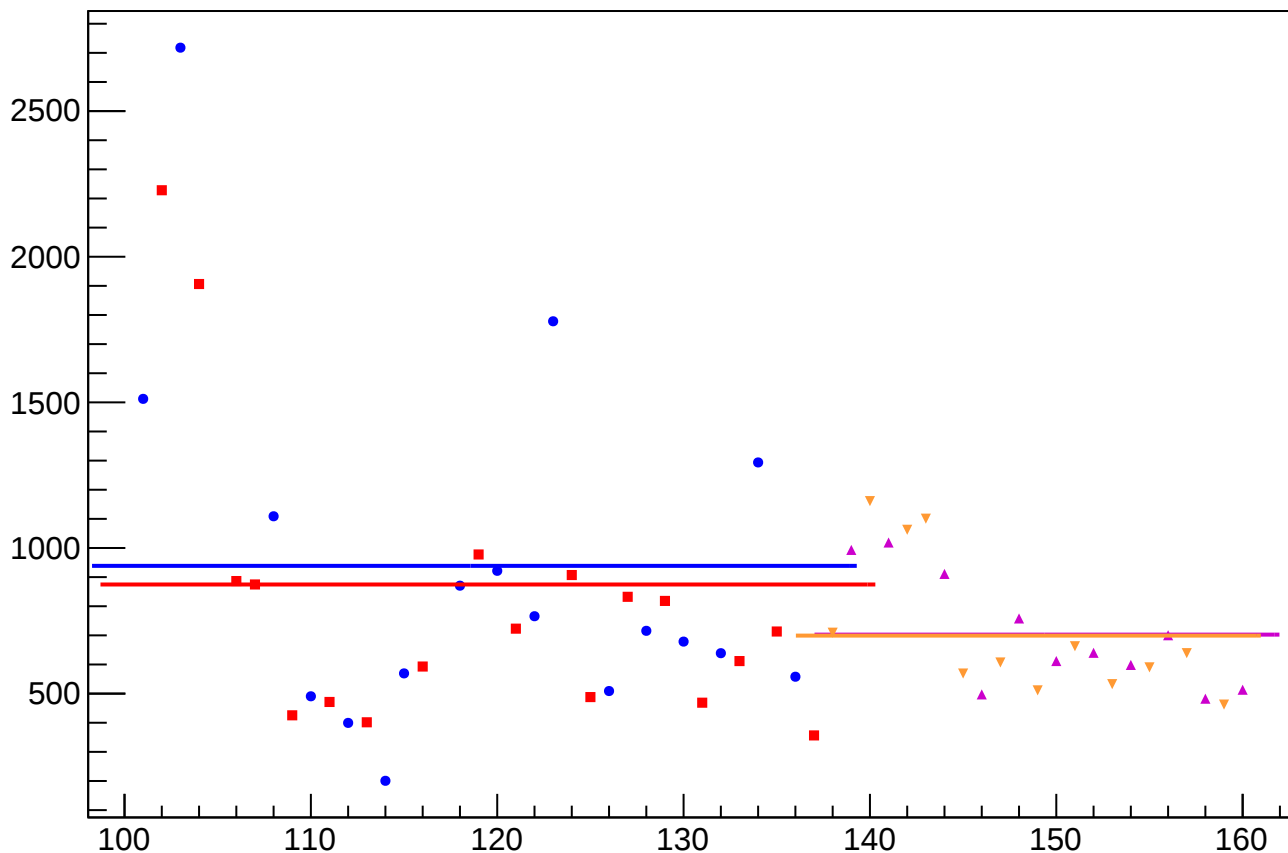
Left In: -3383.309+/-0.000 χ^2/NDF : 816279200160971630569460981745055694848.0/10

+ 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+/-0.000 χ^2/NDF : 274123287156186942430302567816841134080.0/16

Left Out: 699.181+/-0.000 χ^2/NDF : 47485076871287899089179265063714816000.0/11

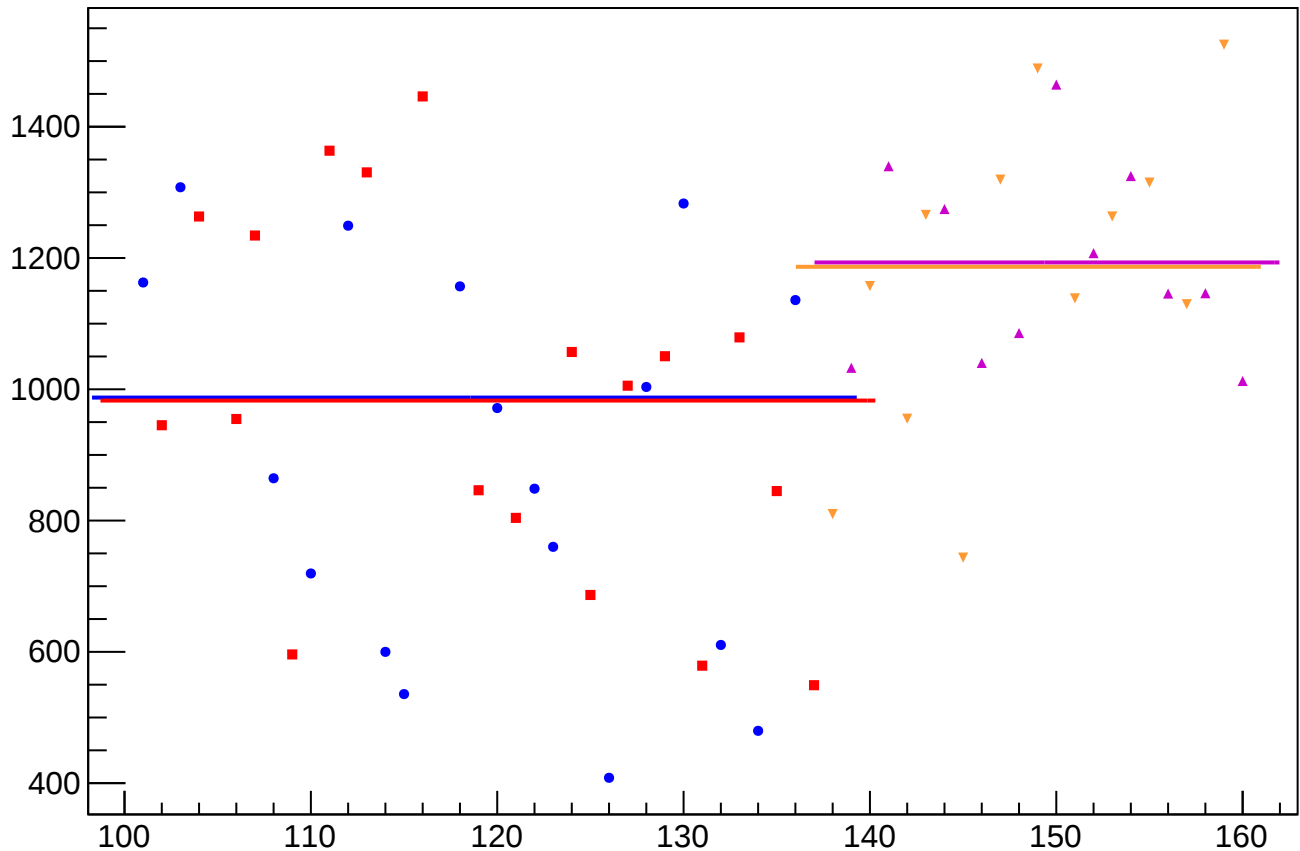
Right Out: 874.671+/-0.000 χ^2/NDF : 212705560210060381413787152265269739520.0/17

Left In: 702.545+/-0.000 χ^2/NDF : 31919745309700759426030449402090356736.0/10

All: 789.864+/-0.000 χ^2/NDF : 601329698427

- sign 777.223+/-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

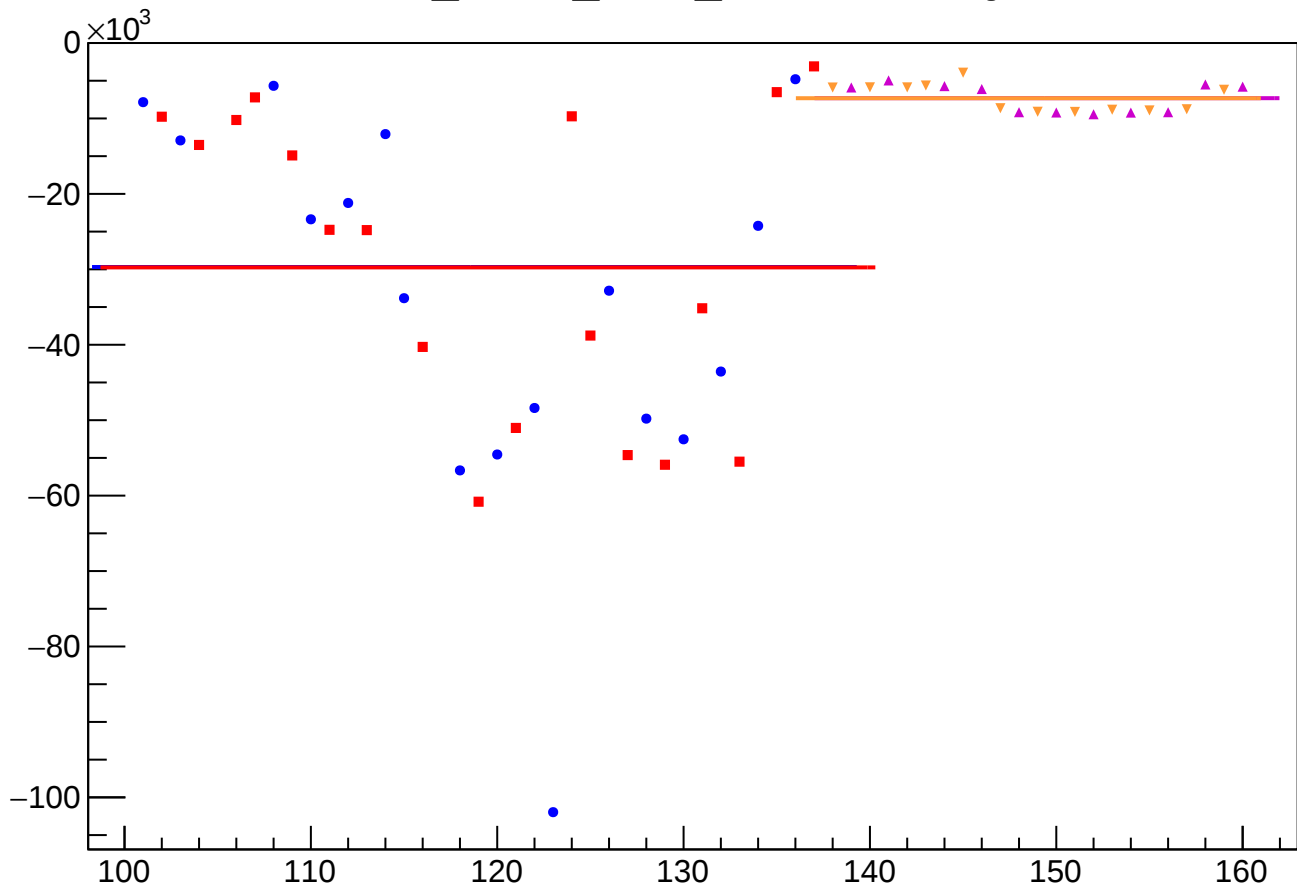
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

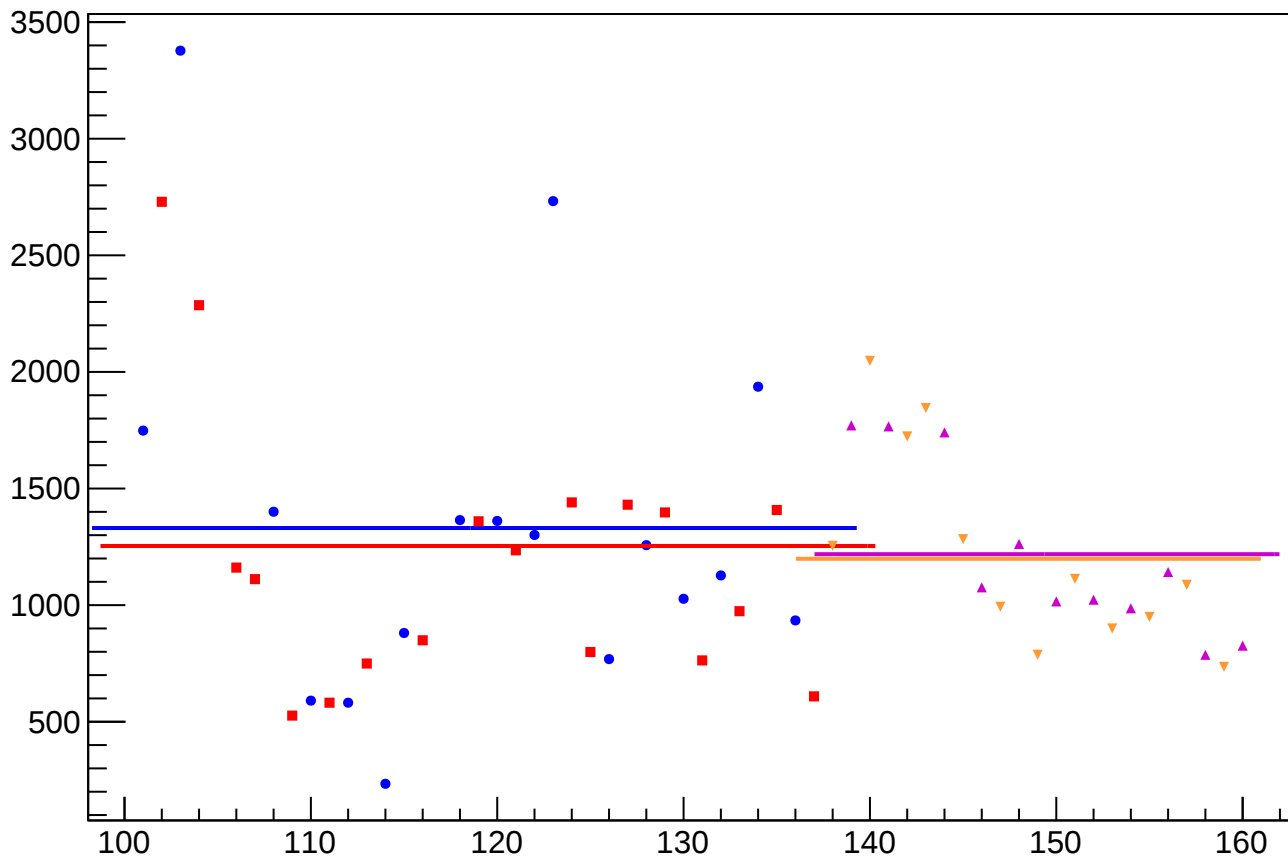
- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_sam4_coil7_mean vs Slug



Right In: -29694.846 $\pm$ 0.000 χ^2 /NDF: 282999478252028644685471433230520510578688.0/16
 Left Out: -7317.919 $\pm$ 0.000 χ^2 /NDF: 2833730252125360195766219580881057611776.0/11
 Right Out: -29744.384 $\pm$ 0.000 χ^2 /NDF: 283667805670372144788905534129497910018048.0/17
 Left In: -7312.611 $\pm$ 0.000 χ^2 /NDF: 3060303804070457713816420667232681459712.0/10

dit_sam4_coil7_err_mean vs Slug



Right In: 1330.668+/-0.000 χ^2/NDF : 371034150705348959312326123153556242432.0/16

Left Out: 1198.833+/-0.000 χ^2/NDF : 149280196072306589418447697644691128320.0/11

Right Out: 1253.657+/-0.000 χ^2/NDF : 276351047411985398179849131600767877120.0/17

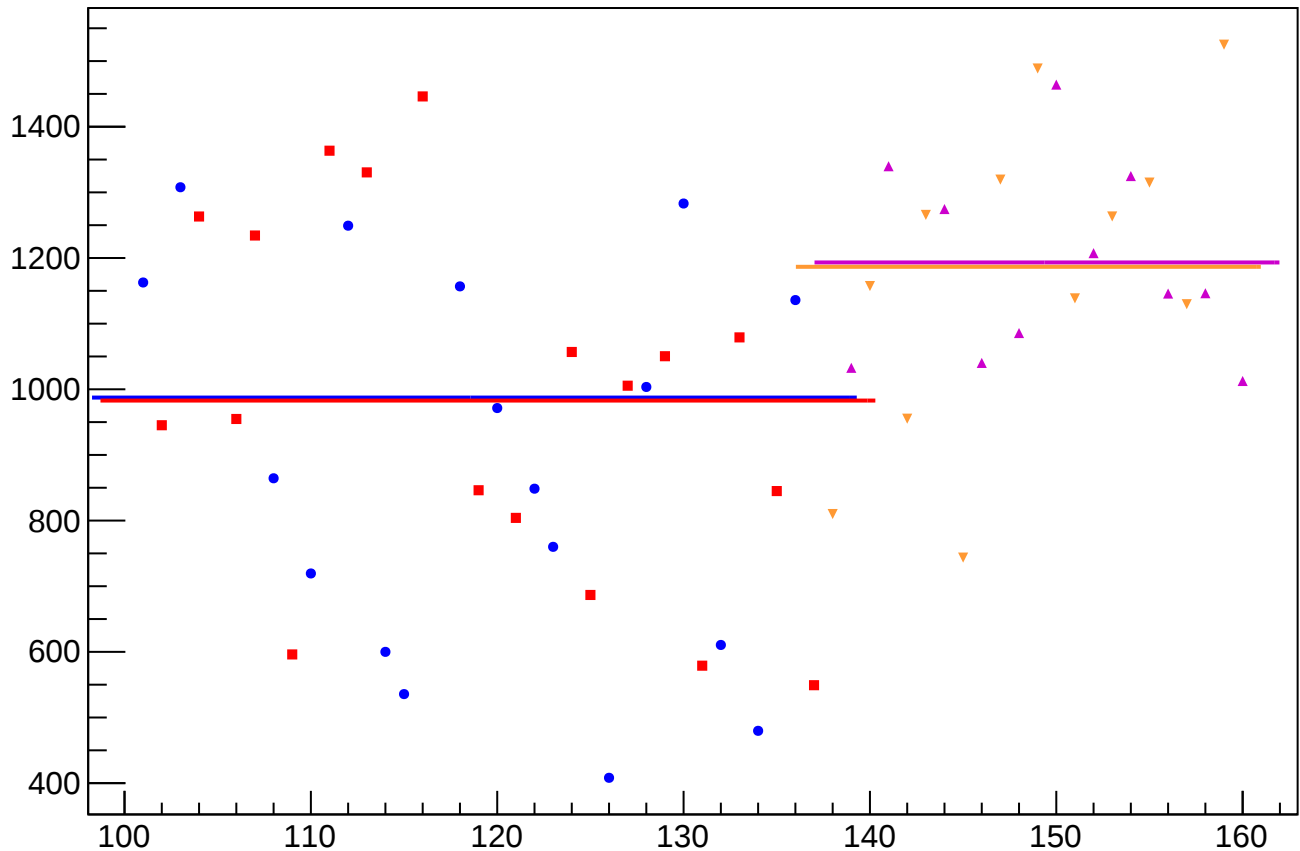
Left In: 1218.551+/-0.000 χ^2/NDF : 116488756058911306830868466308868997120.0/10

+ sign 1255.910+/-0.000 χ^2/NDF : 52715430621257

All: 1244.692+/-0.000 χ^2/NDF : 92089086990

- sign 1233.782+/-0.000 χ^2/NDF : 39333868628059

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

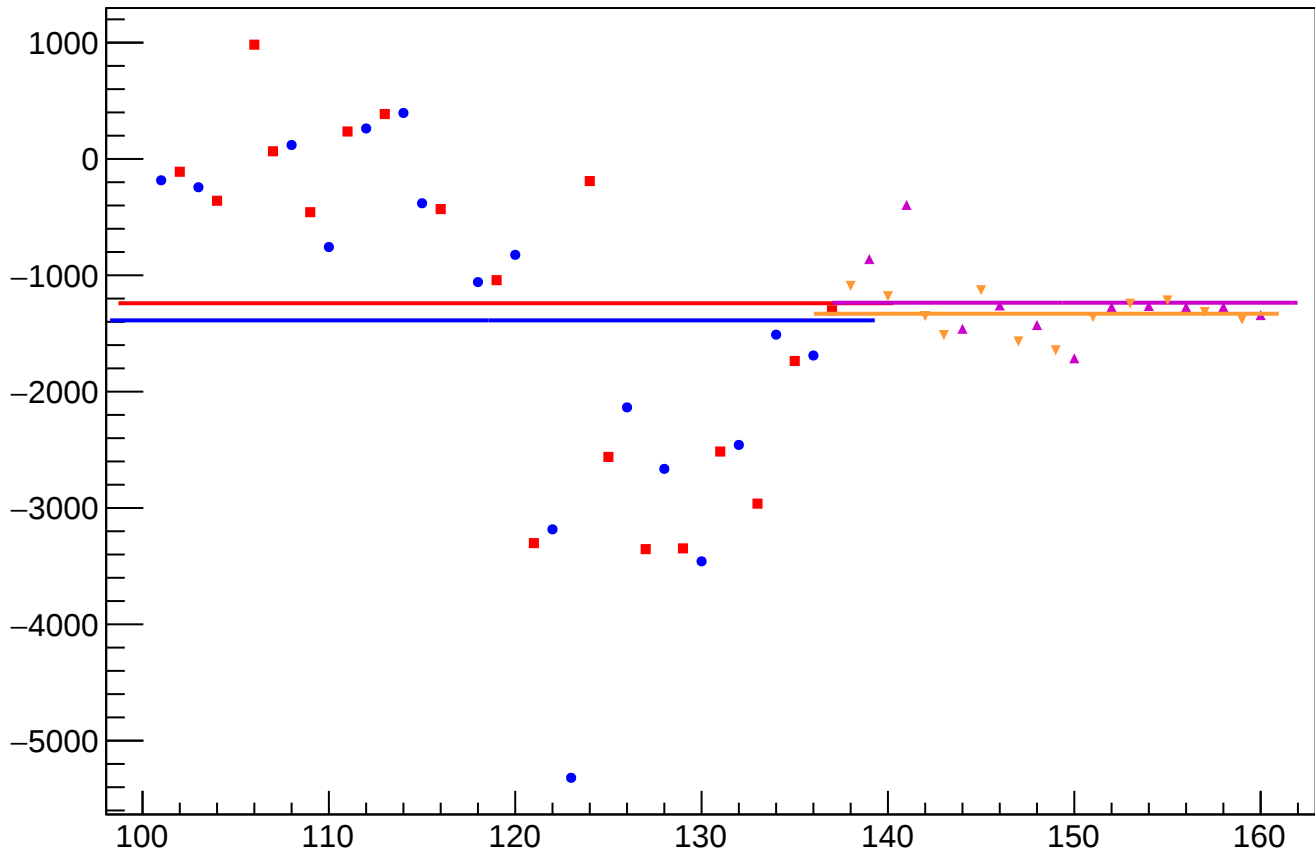
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_sam5_coil7_mean vs Slug



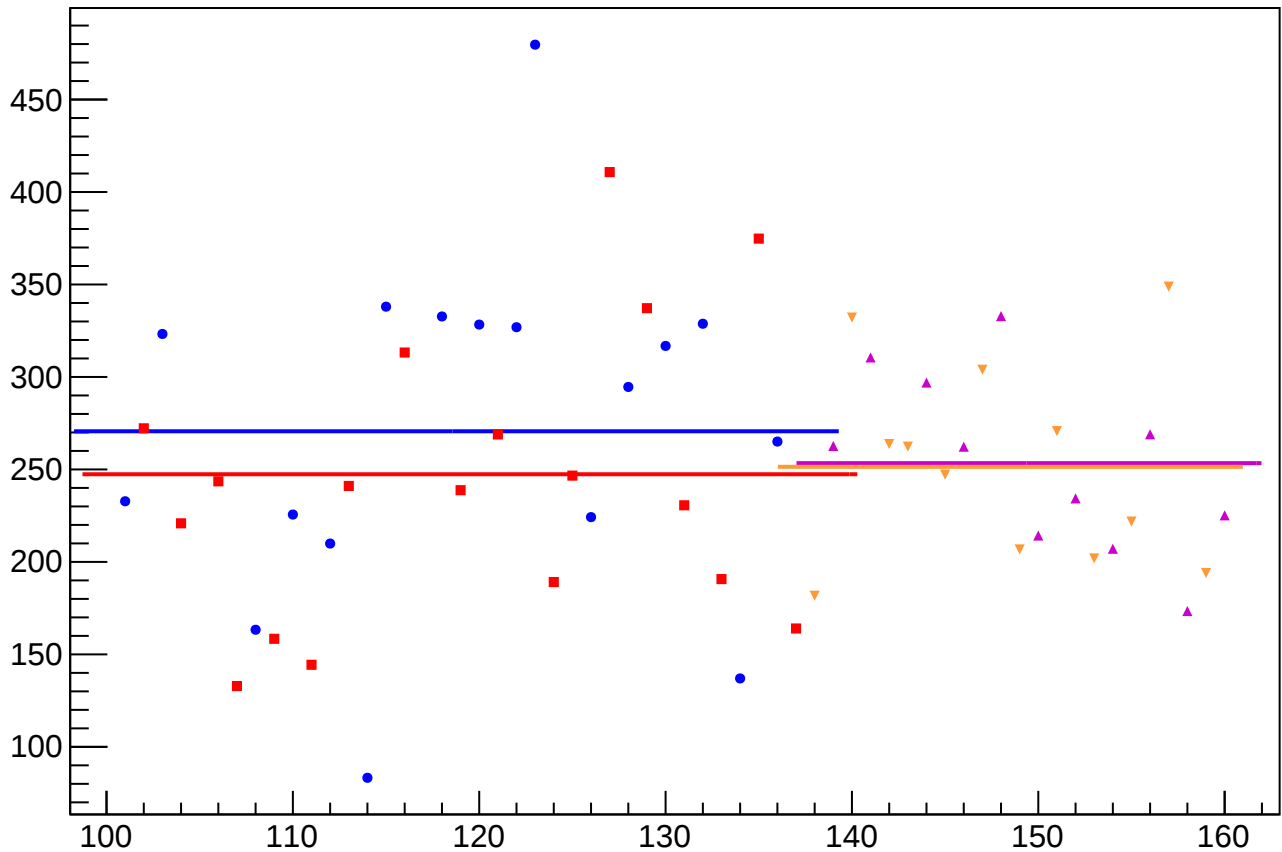
Right In: -1387.447+/-0.000	χ^2/NDF : 1052649963447979198116034562243591929856.0/16
Left Out: -1330.420+/-0.000	χ^2/NDF : 26483457480768378875041680320691699712.0/11
Right Out: -1240.179+/-0.000	χ^2/NDF : 1416369744921748520391717301088168181760.0/17
Left In: -1235.621+/-0.000	χ^2/NDF : 101175024554514162187059760134266814464.0/10

+ sign -1355.110+/-0.000 χ^2/NDF : 1080413237028

All: -1295.541+/-0.000 χ^2/NDF : 2609187389

- sign -1237.599+/-0.000 χ^2/NDF : 15175531795732

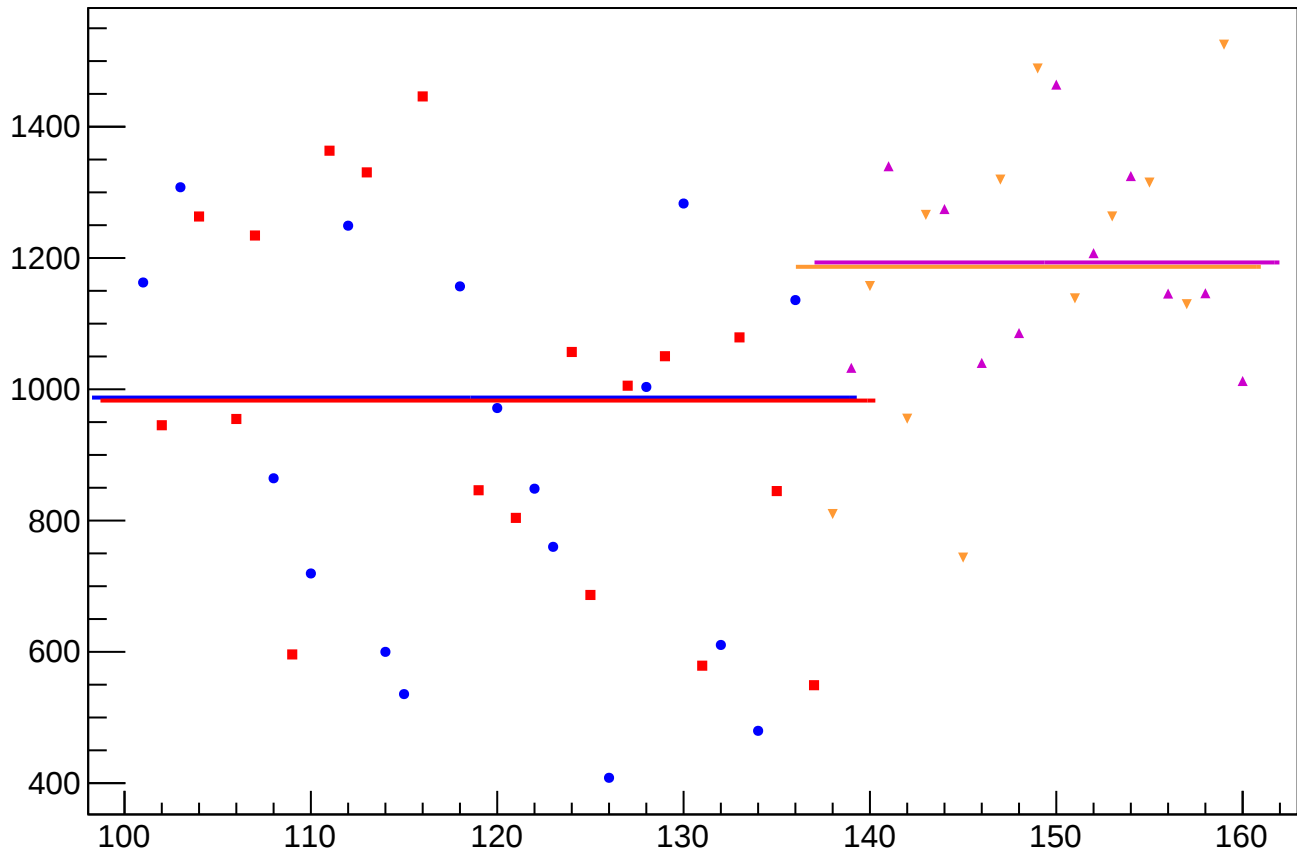
dit_sam5_coil7_err_mean vs Slug



Right In: 270.634+/-0.000	χ^2/NDF : 2782961301444799640631413817001115648.0/16
Left Out: 251.431+/-0.000	χ^2/NDF : 2584936508665838554891763249678647296.0/11
Right Out: 247.395+/-0.000	χ^2/NDF : 4145415912975495896207578940101885952.0/17
Left In: 253.400+/-0.000	χ^2/NDF : 1956558228349454722124070225585373184.0/10

+ sign 259.744+/-0.000 χ^2/NDF : 551301920685929
 All: 255.208+/-0.000 χ^2/NDF : 116946735733
 - sign 250.795+/-0.000 χ^2/NDF : 611657187843847

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

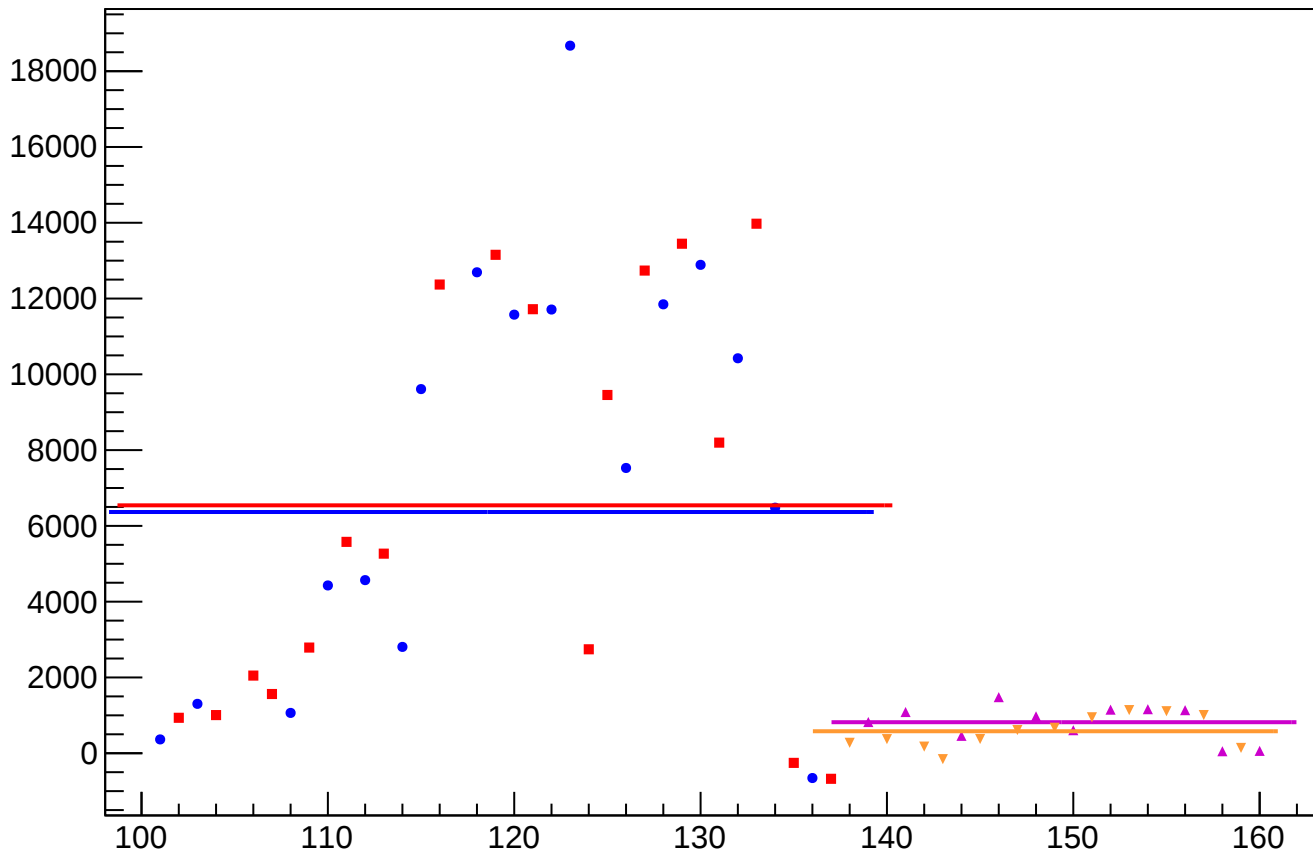
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

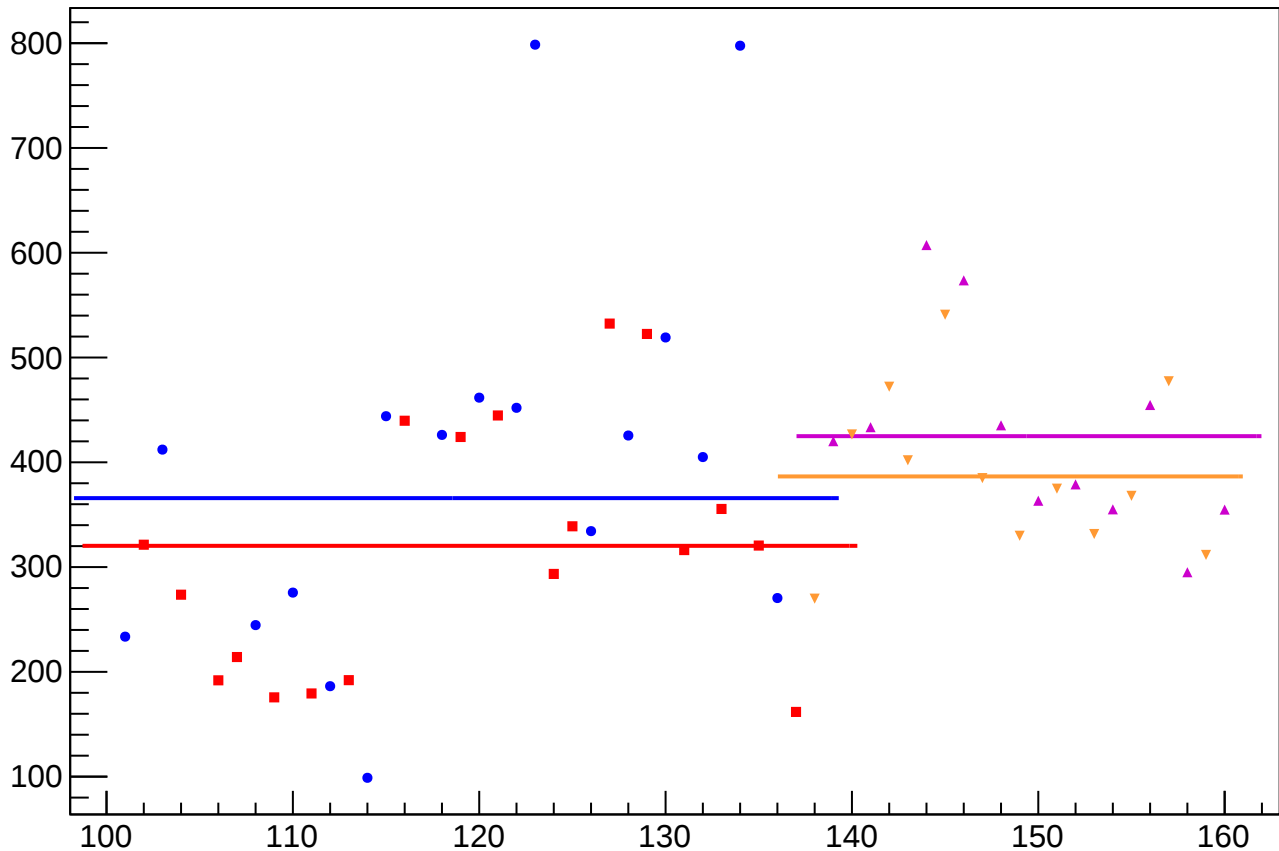
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam6_coil7_mean vs Slug



Right In: 6366.506+/-0.000 χ^2/NDF : 19013791293174950781662205946475975802880.0/16
 Left Out: 580.460+/-0.000 χ^2/NDF : 147049020633782369498744411617383940096.0/11
 Right Out: 6542.482+/-0.000 χ^2/NDF : 19769956838076333850932350219813545574400.0/17
 Left In: 819.110+/-0.000 χ^2/NDF : 183157286760955615902217096477246750720.0/10
 + sign 3085.460+/-0.000 χ^2/NDF : 32335929066490
 All: 3195.354+/-0.000 χ^2/NDF : 65586954206
 - sign 3302.248+/-0.000 χ^2/NDF : 33212835876624

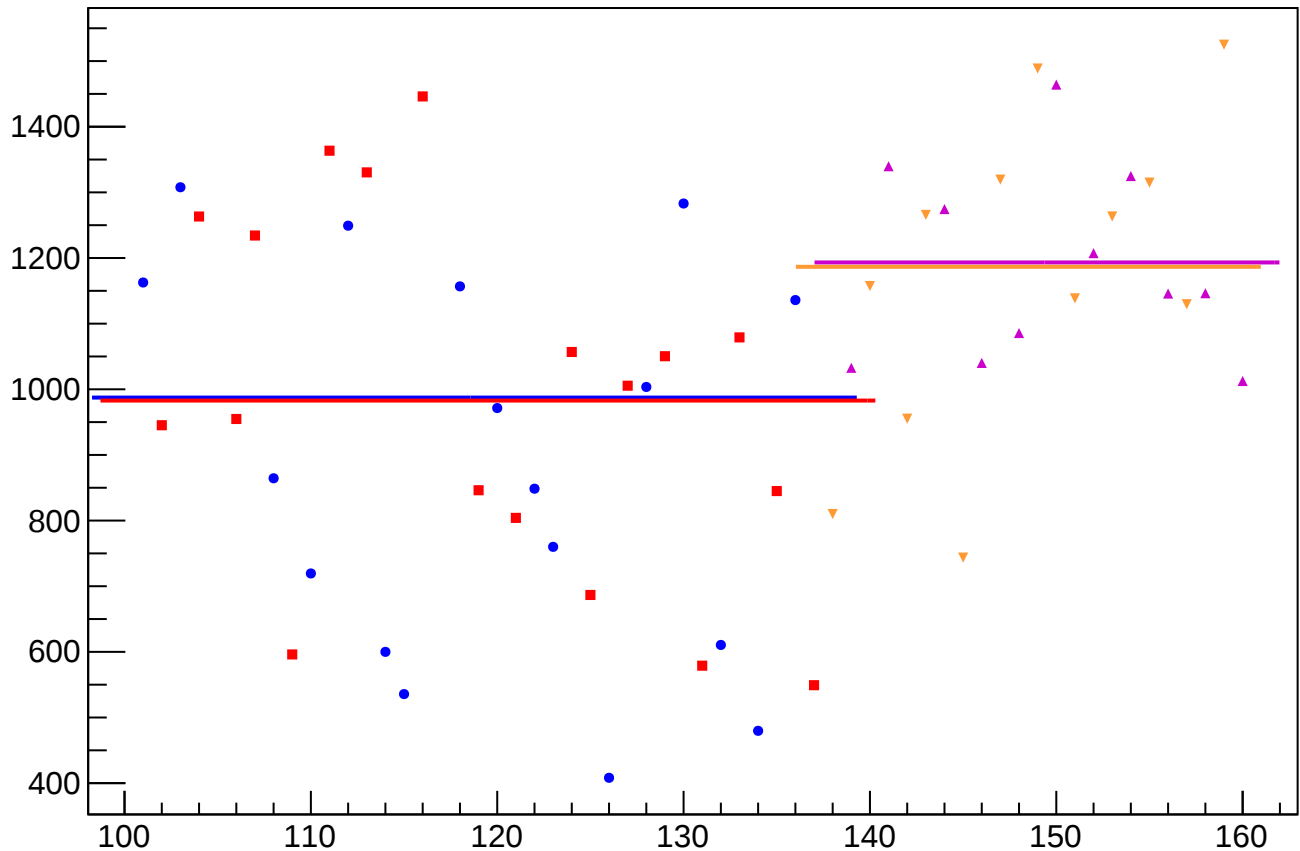
dit_sam6_coil7_err_mean vs Slug



Right In: 365.806+/-0.000	χ^2/NDF : 12360453443474503357525500563004850176.0/16
Left Out: 386.511+/-0.000	χ^2/NDF : 5027608774007269972306139885841940480.0/11
Right Out: 320.284+/-0.000	χ^2/NDF : 9463966273350706118112483440542613504.0/17
Left In: 424.949+/-0.000	χ^2/NDF : 7621452352927450037498346719559024640.0/10

+ sign 377.547+/-0.000 χ^2/NDF : 175567749803095
 All: 378.557+/-0.000 χ^2/NDF : 390798385710
 - sign 379.539+/-0.000 χ^2/NDF : 215198392928470

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

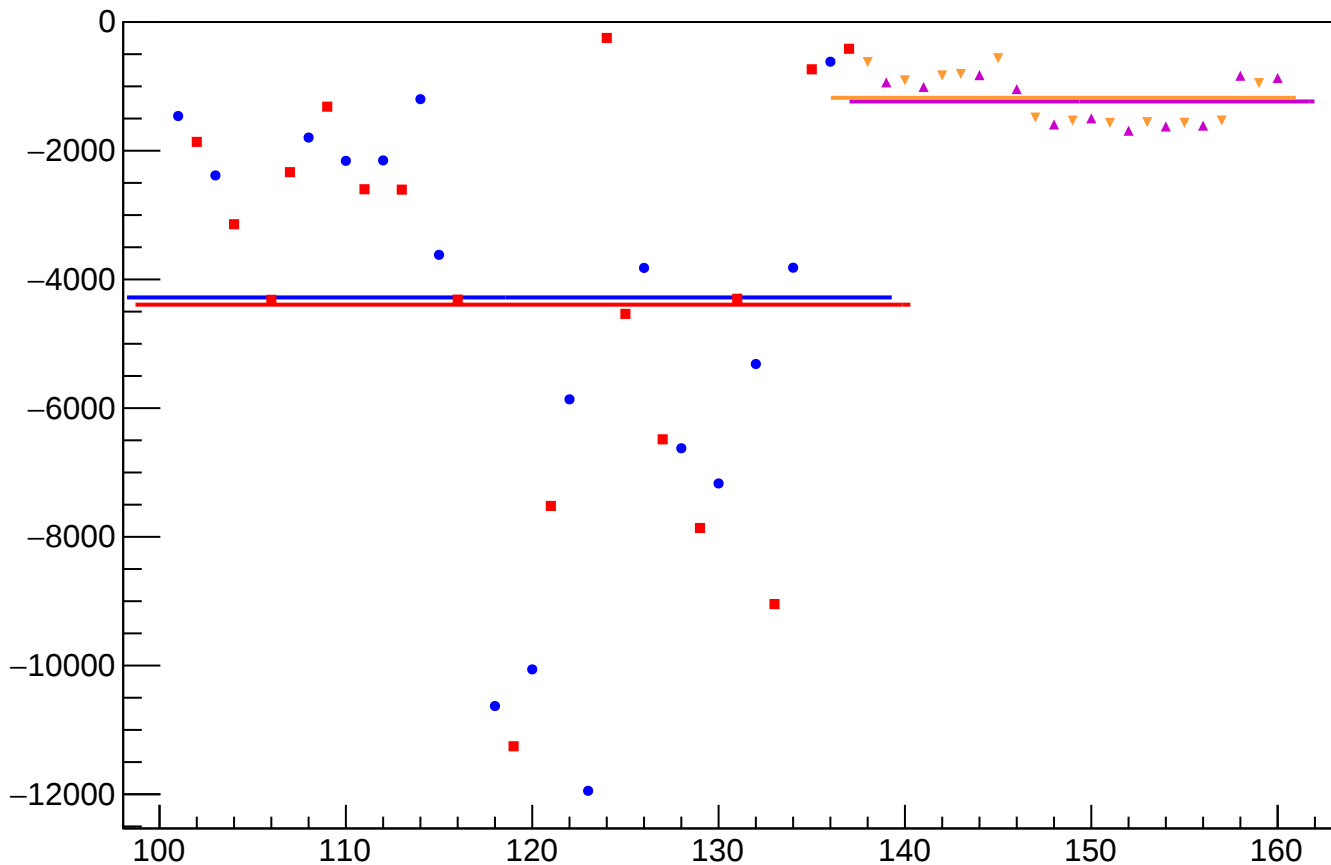
Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam7_coil7_mean vs Slug



Right In: -4279.824+/-0.000 χ^2/NDF : 6998436131465727751461675089449726246912.0/16

+ sign -2521.028+/-0.000 χ^2/NDF : 1092573084487

Left Out: -1178.229+/-0.000 χ^2/NDF : 141473895084928360538242951996197830656.0/11

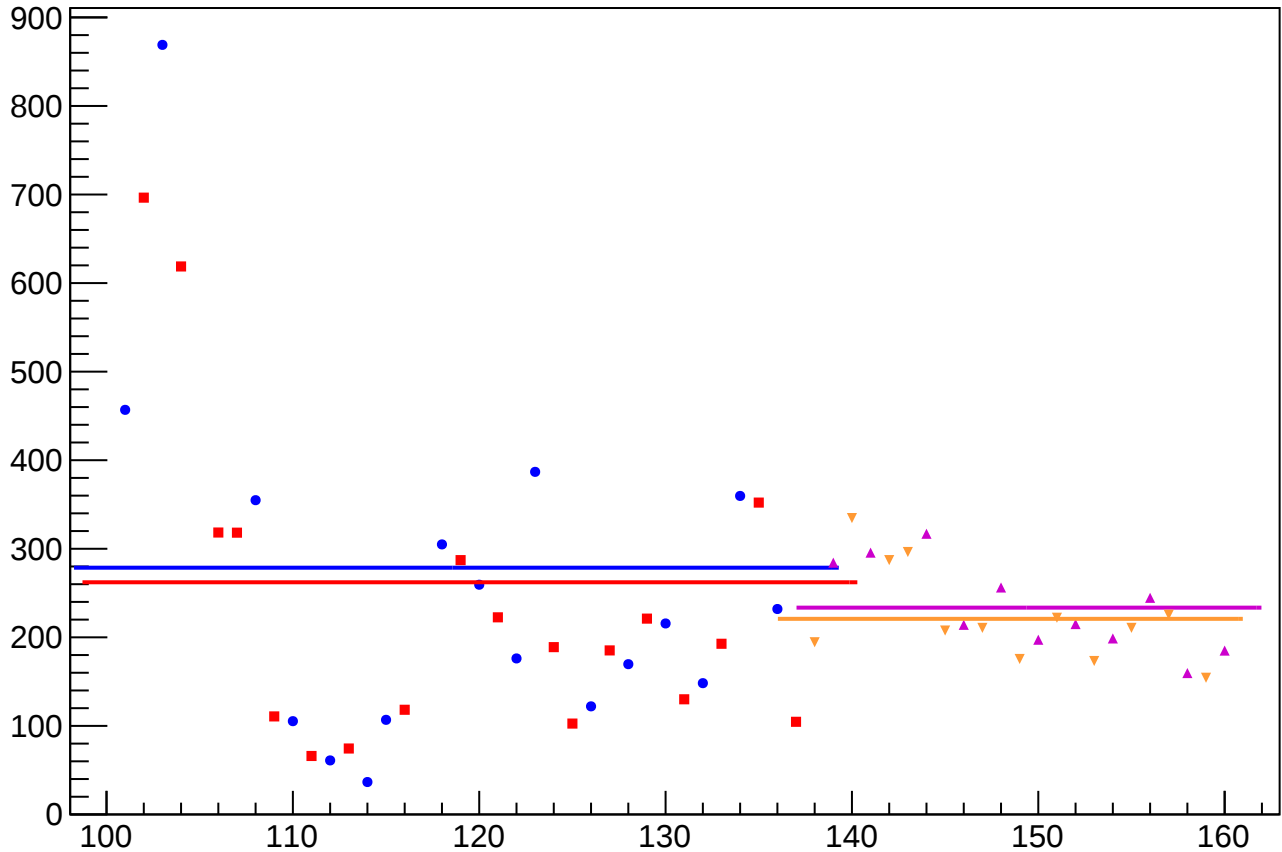
All: -2563.173+/-0.000 χ^2/NDF : 2209428755

Right Out: -4391.806+/-0.000 χ^2/NDF : 7013803733920665719163942153165454966784.0/17

- sign -2604.166+/-0.000 χ^2/NDF : 11162940142953

Left In: -1234.217+/-0.000 χ^2/NDF : 113222953765781340341469389402247528448.0/10

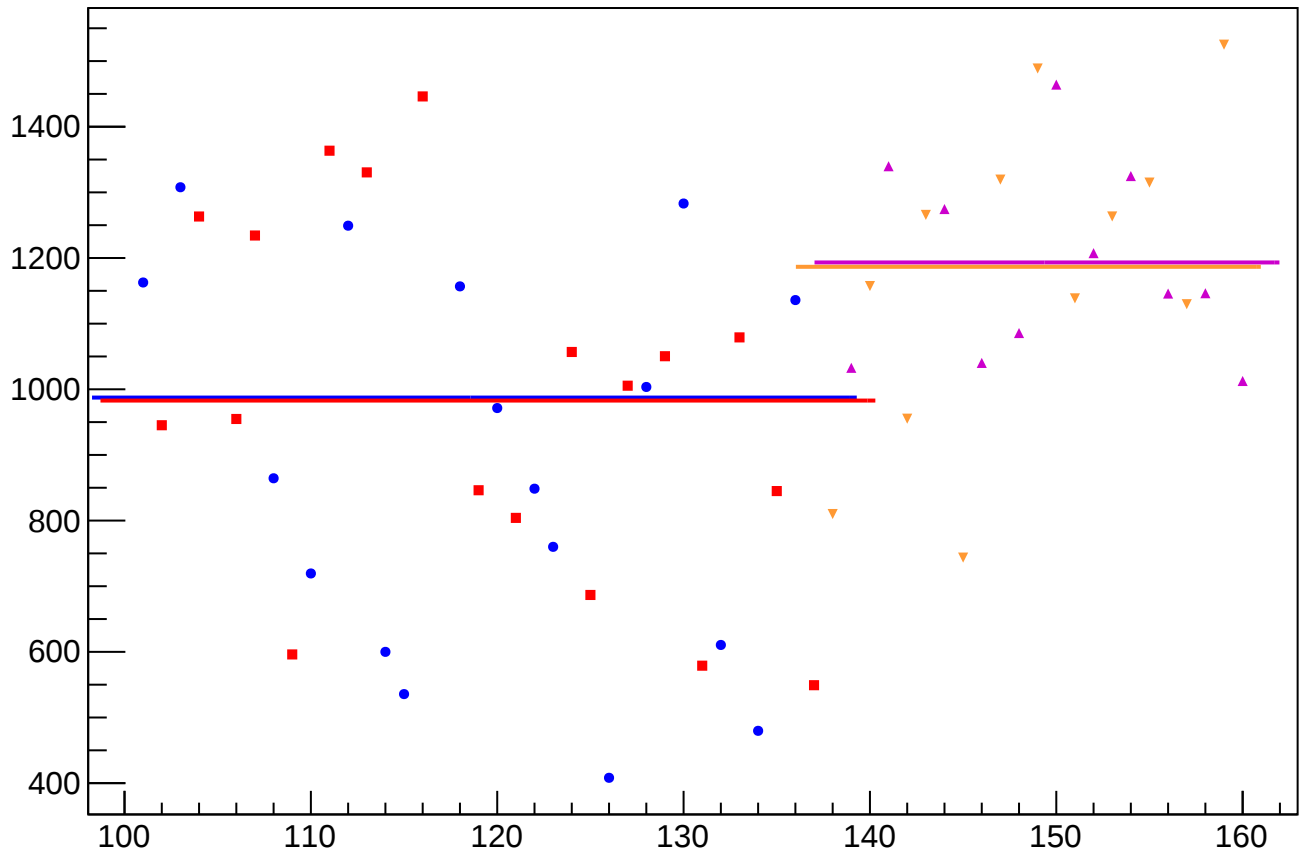
dit_sam7_coil7_err_mean vs Slug



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+/-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

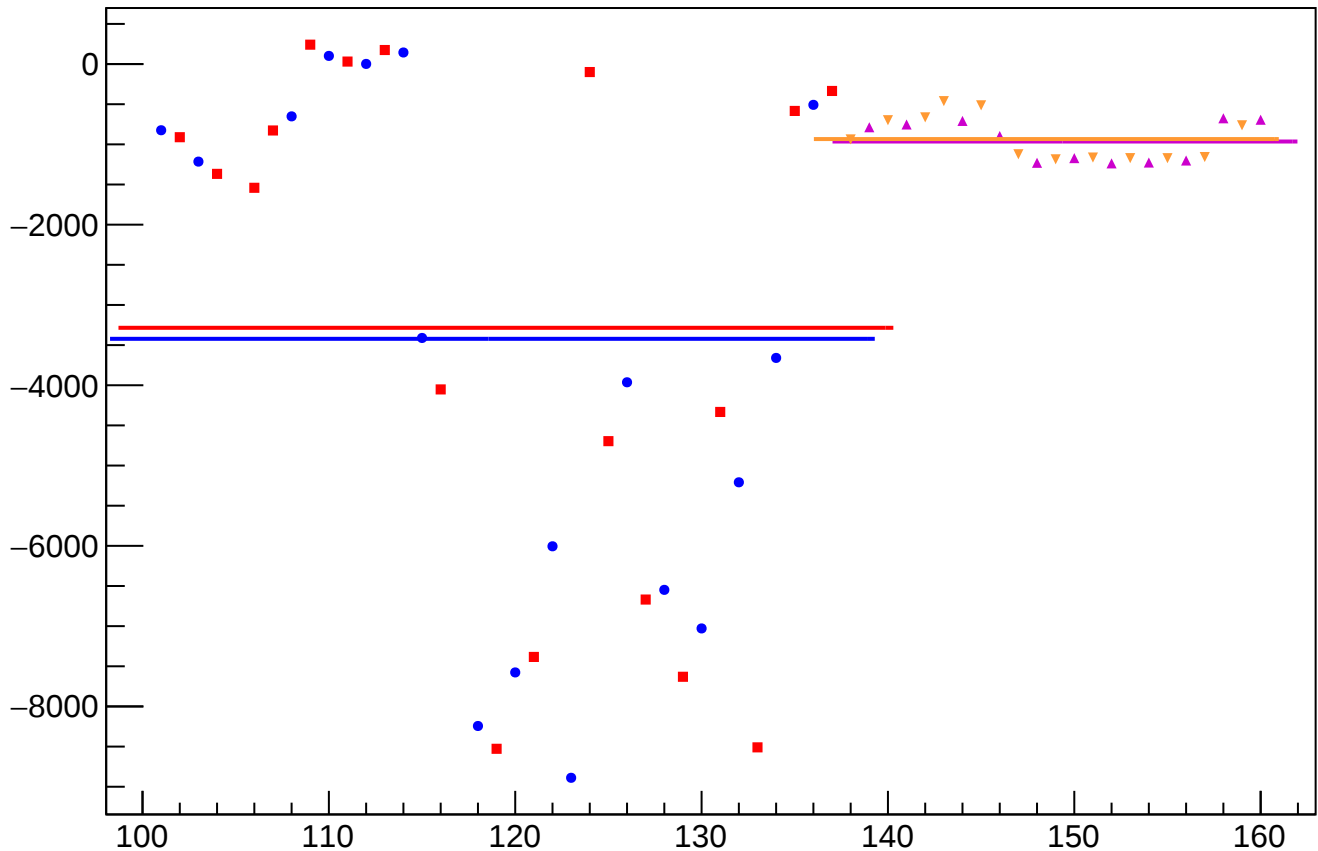
All: 1101.159+/-0.000 χ^2/NDF : 20269903253

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_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

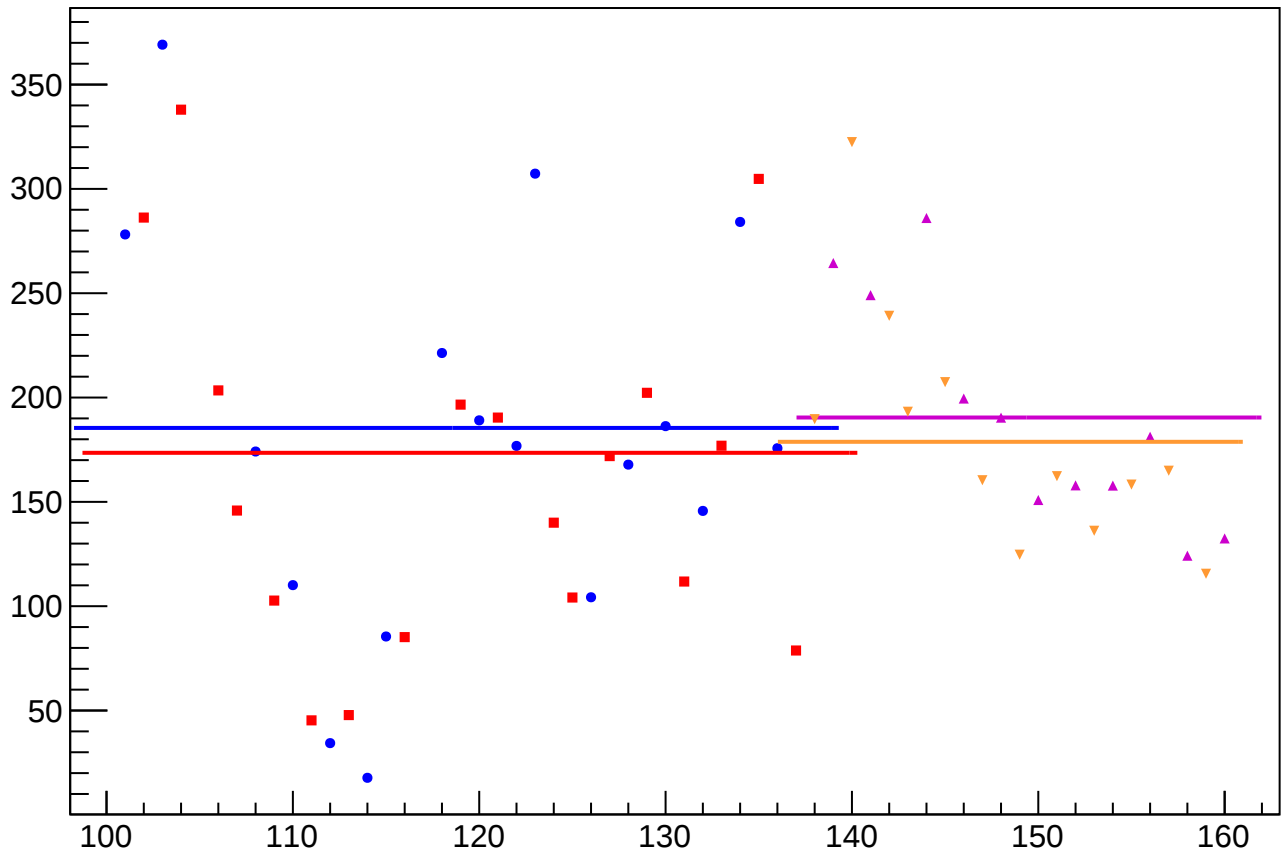
Right Out: -3284.376+/-0.000 χ^2/NDF : 7820854185595313728450757047863572692992.0/17

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

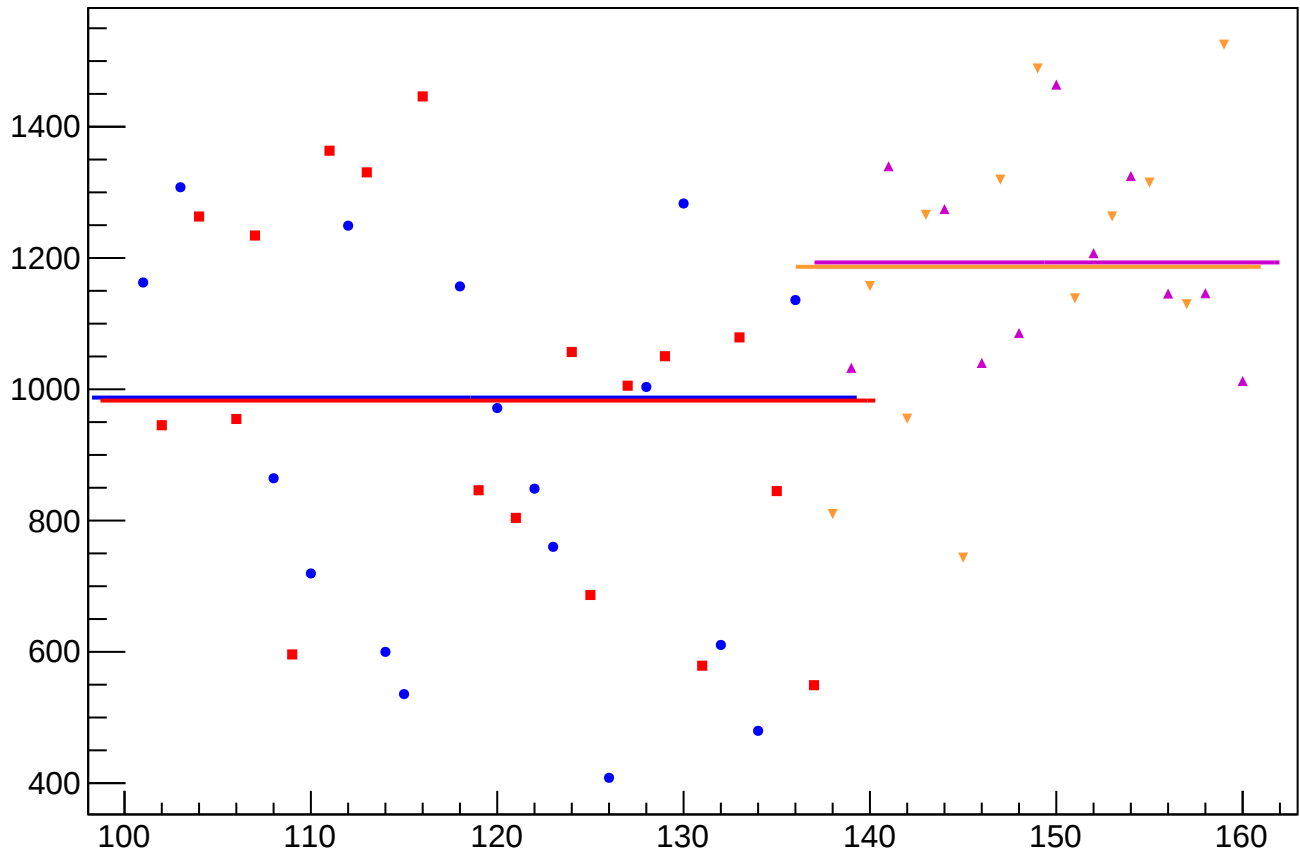
dit_sam8_coil7_err_mean vs Slug



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 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

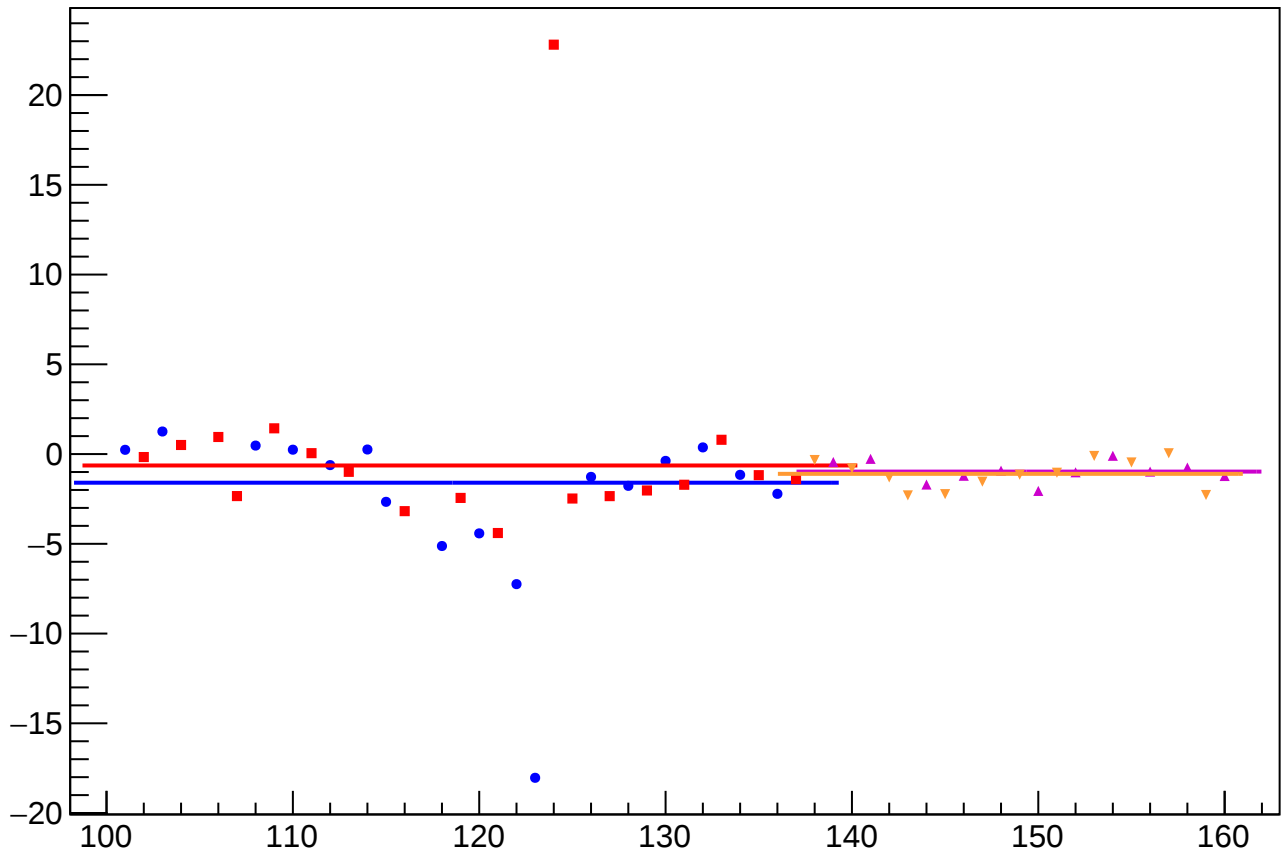
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

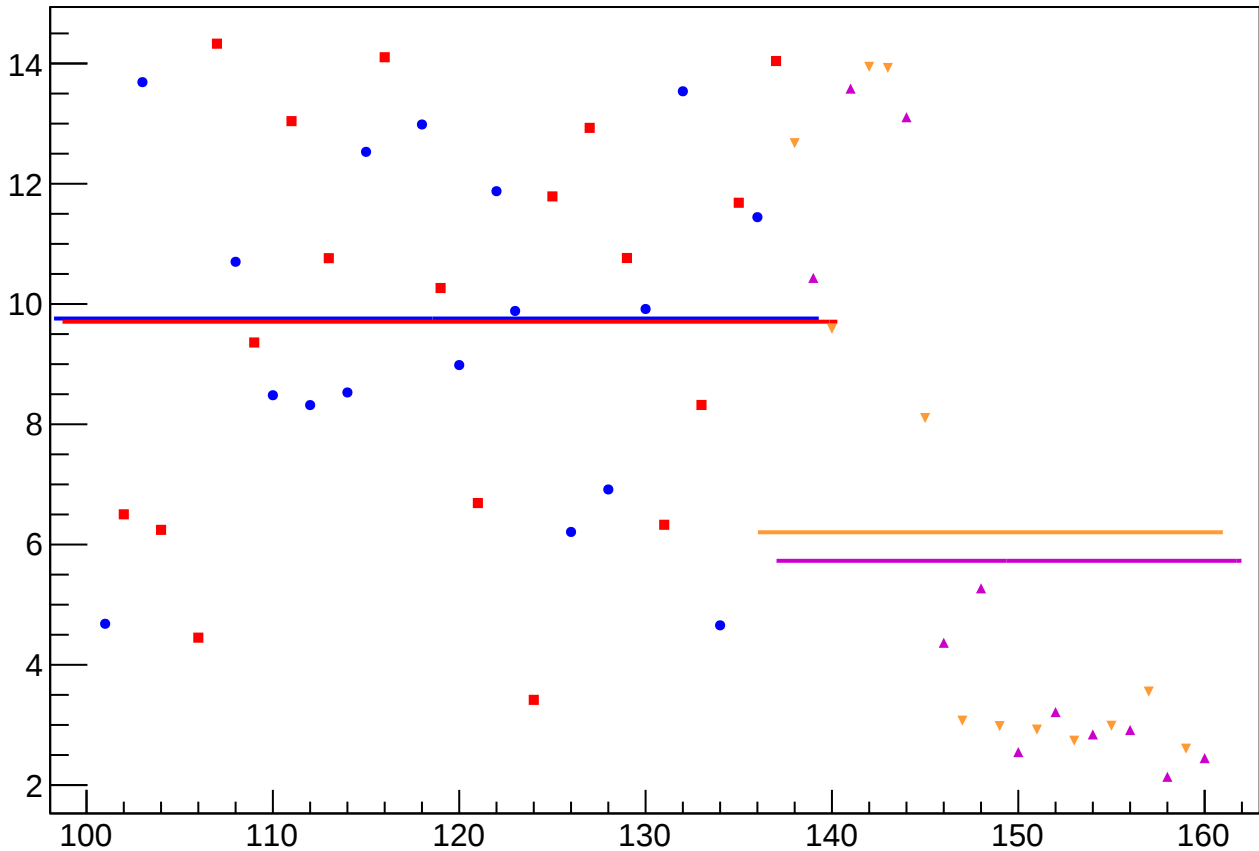
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_4aX_coil4_mean vs Slug



Right In: -1.596 ± 0.000 $\chi^2/\text{NDF} = 4654807928359892398673617982849024.0/16$
 Left Out: -1.102 ± 0.000 $\chi^2/\text{NDF} = 592180467002513566987832570937344.0/11$
 Right Out: -0.636 ± 0.000 $\chi^2/\text{NDF} = 9571048295343482409580772007608320.0/17$
 Left In: -0.977 ± 0.000 $\chi^2/\text{NDF} = 300890397650119639347670720446464.0/10$

dit_4aX_coil4_err_mean vs Slug



Right In: 9.759+/-0.000 χ^2/NDF : 5805218601264248923404355625811968.0/16

Left Out: 6.204+/-0.000 χ^2/NDF : 17109991032954173502313359403384832.0/11

Right Out: 9.706+/-0.000 χ^2/NDF : 6508390621050403360774220706480128.0/17

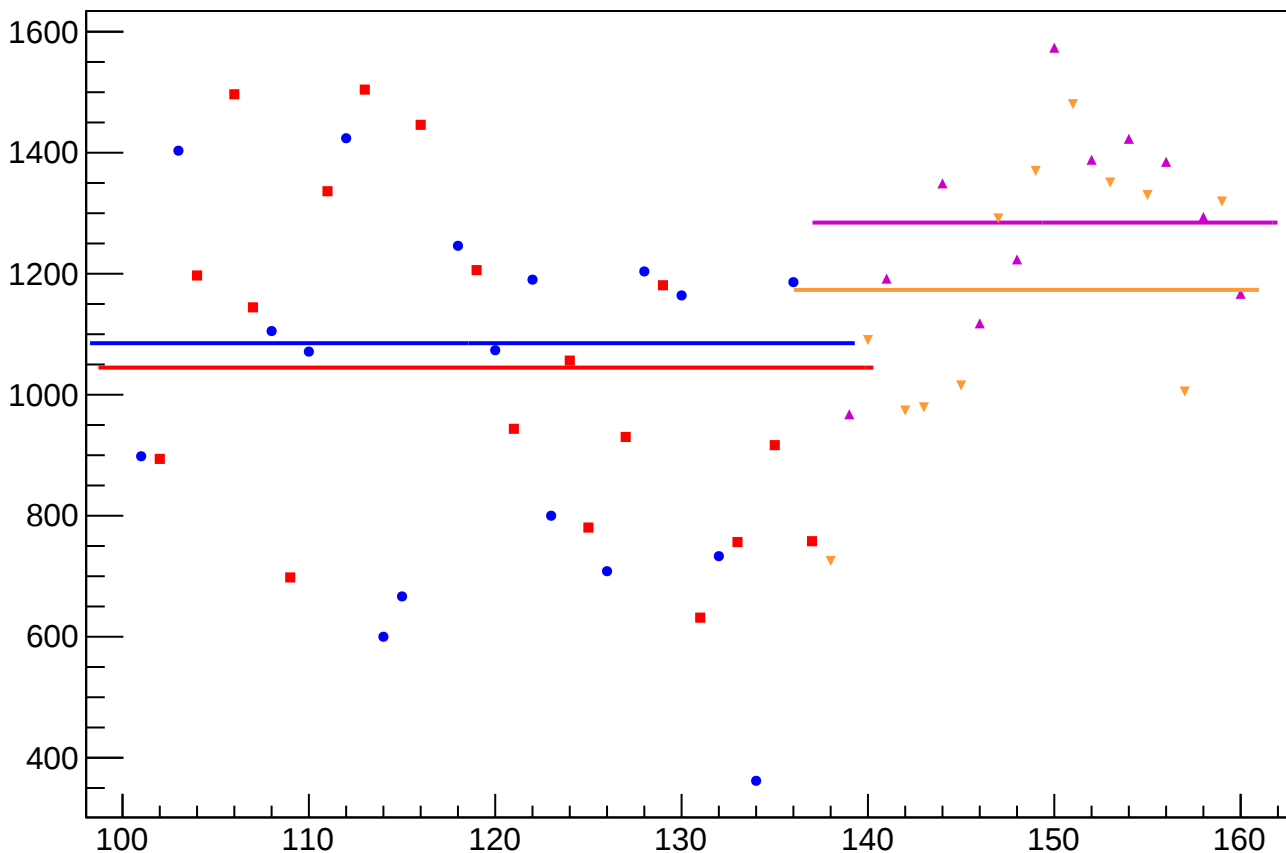
Left In: 5.730+/-0.000 χ^2/NDF : 16834211139985692030618150983696384.0/10

+ sign 7.743+/-0.000 χ^2/NDF : 27887924008453244

All: 7.597+/-0.000 χ^2/NDF : 57699110892163

- sign 7.455+/-0.000 χ^2/NDF : 29743736675365578

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

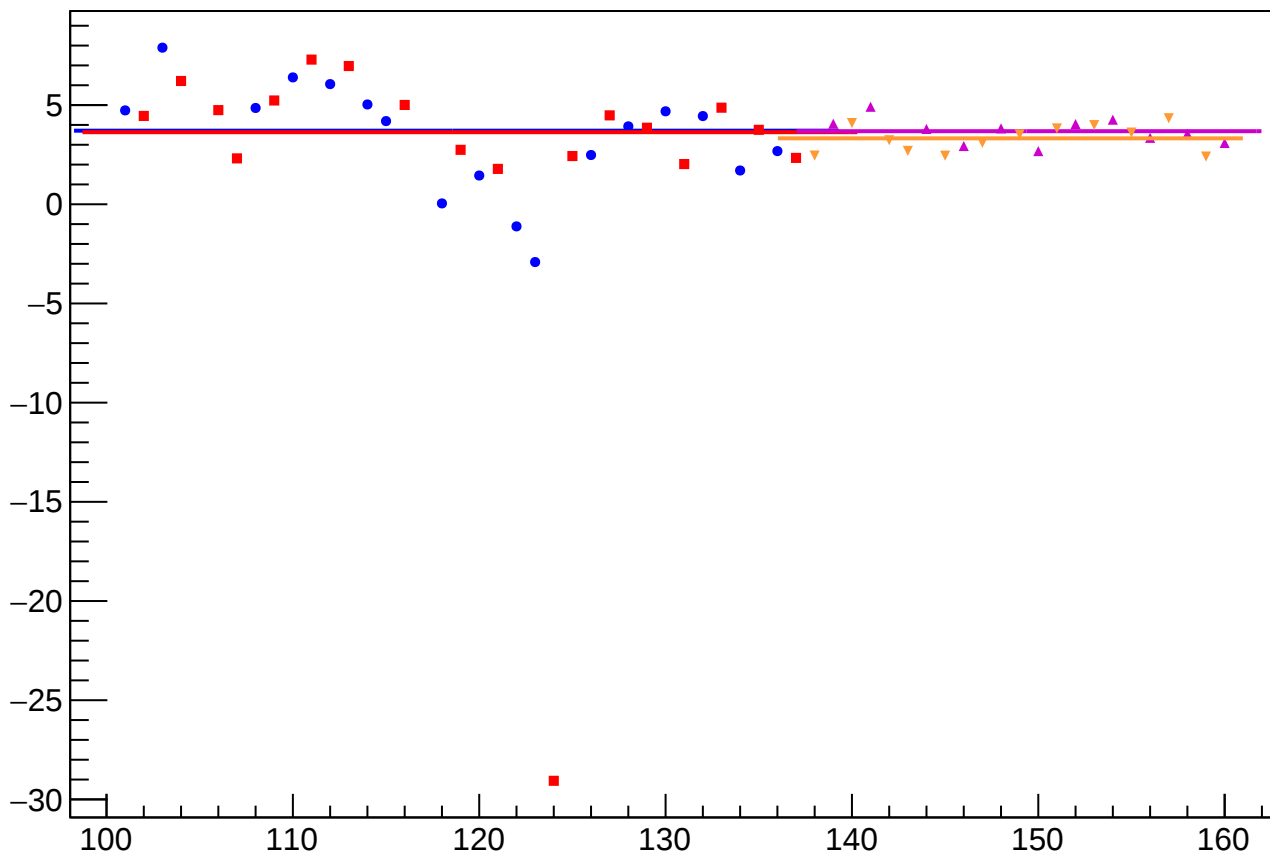
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_4eX_coil4_mean vs Slug



Right In: 3.709+/-0.000

χ^2/NDF : 4018102777172229540031969661812736.0/16

Left Out: 3.324+/-0.000

χ^2/NDF : 408662092507009780807820497649664.0/11

Right Out: 3.634+/-0.000

χ^2/NDF : 17179706396424887783373227094441984.0/17

Left In: 3.684+/-0.000

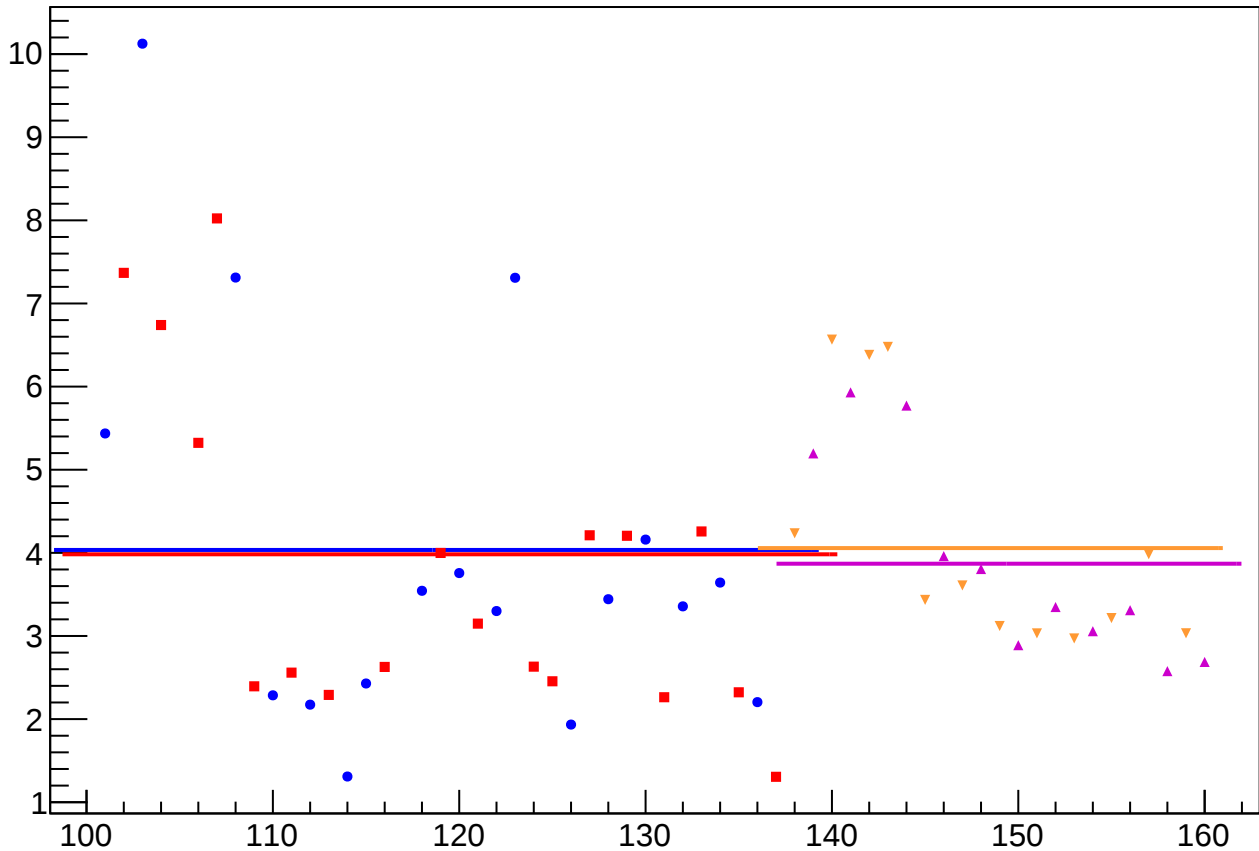
χ^2/NDF : 362171161596980472614323696435200.0/10

+ sign 3.491+/-0.000 χ^2/NDF : 44853380291629206

All: 3.578+/-0.000 χ^2/NDF : 22052203058922

- sign 3.662+/-0.000 χ^2/NDF : 17542924542966772

dit_4eX_coil4_err_mean vs Slug



Right In: 4.035 $\pm$ 0.000 χ^2 /NDF: 3710399284586297338090254185267200.0/16

Left Out: 4.057 $\pm$ 0.000 χ^2 /NDF: 1601757414873361873208521558851584.0/11

Right Out: 3.983 $\pm$ 0.000 χ^2 /NDF: 2613925353133608323825730446163968.0/17

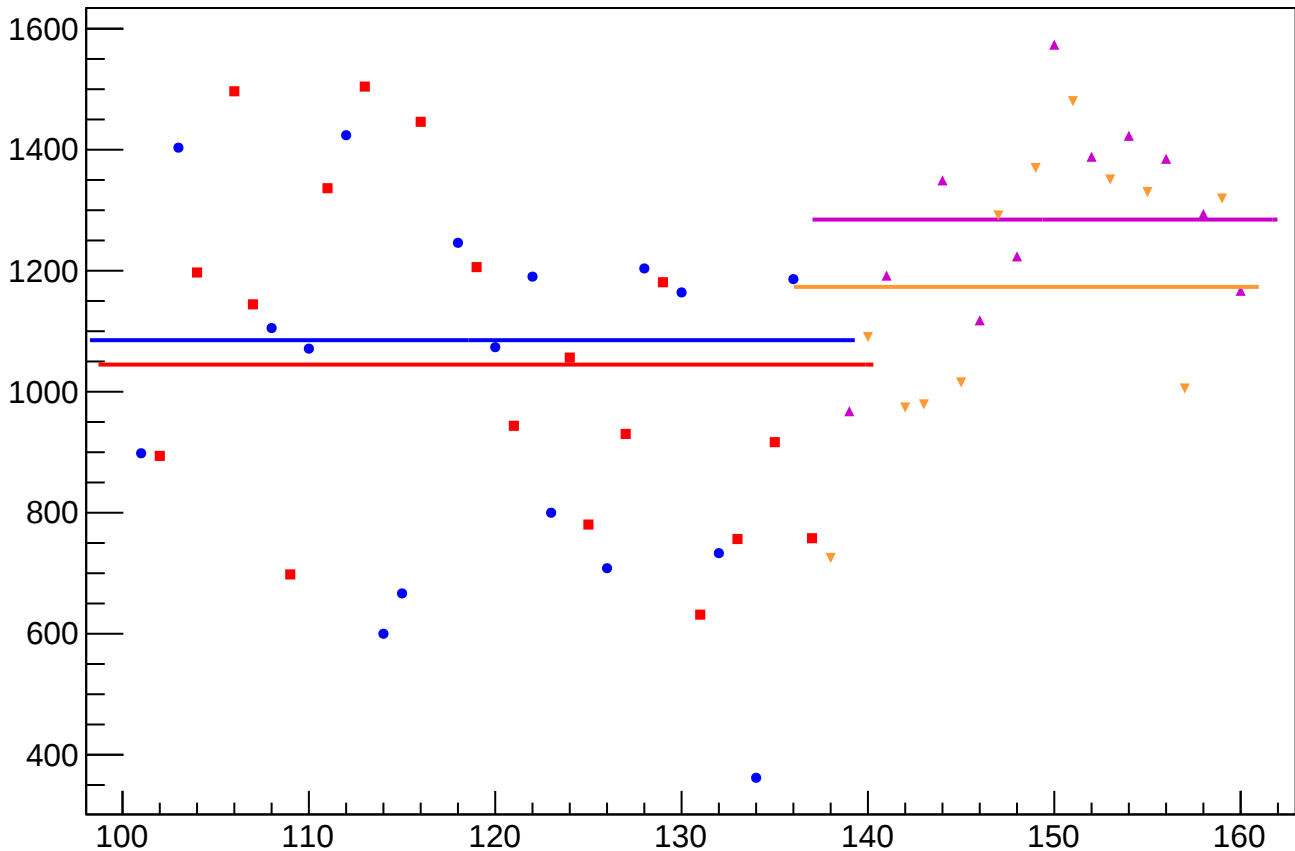
Left In: 3.869 $\pm$ 0.000 χ^2 /NDF: 1272750252042359099562227723665408.0/10

+ 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

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

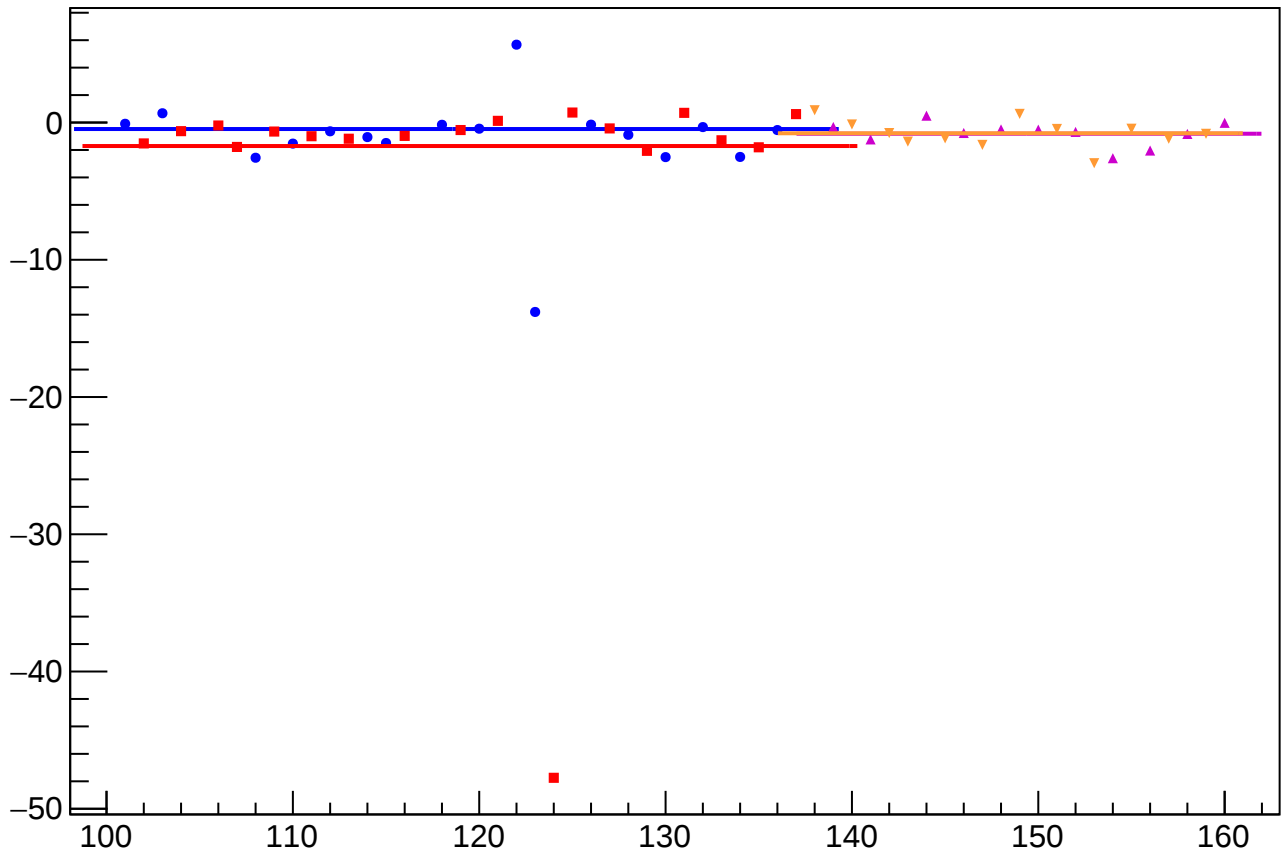
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

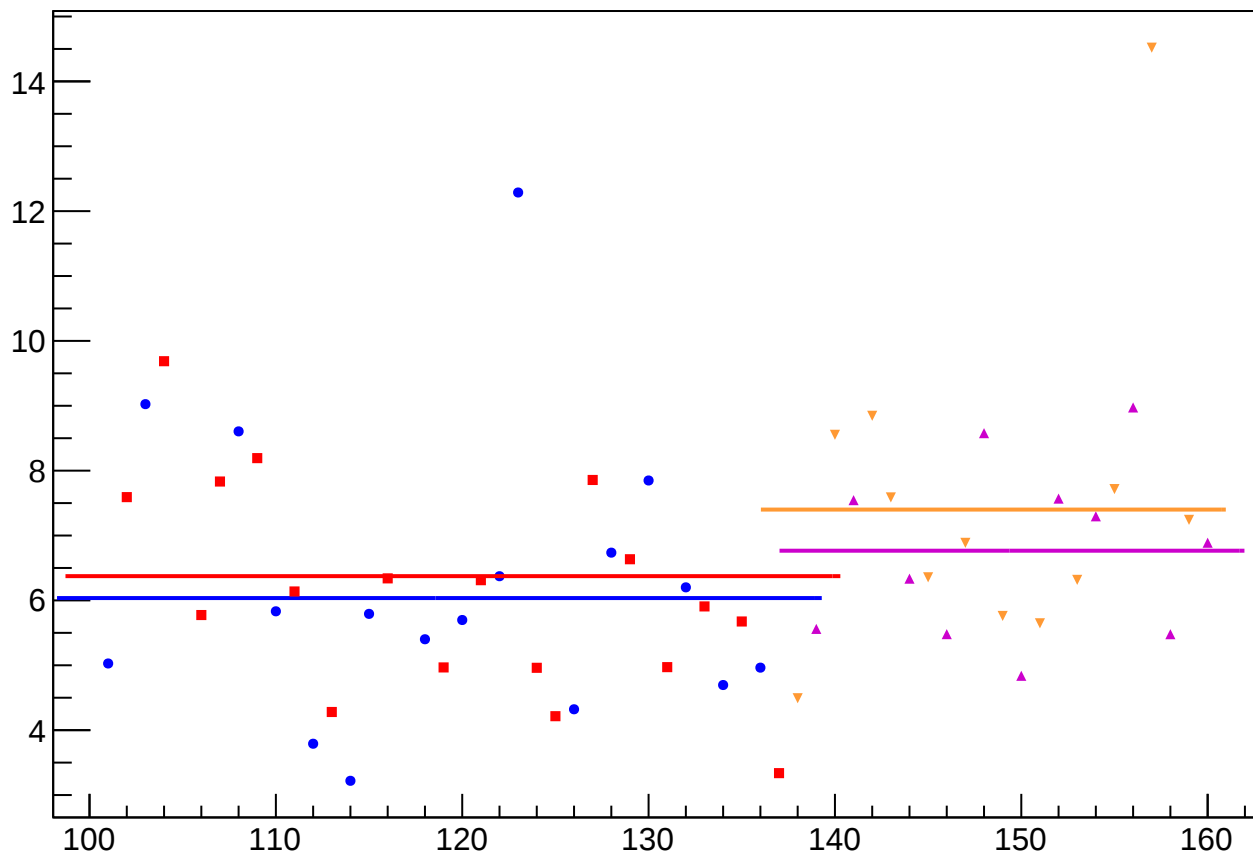
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

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		

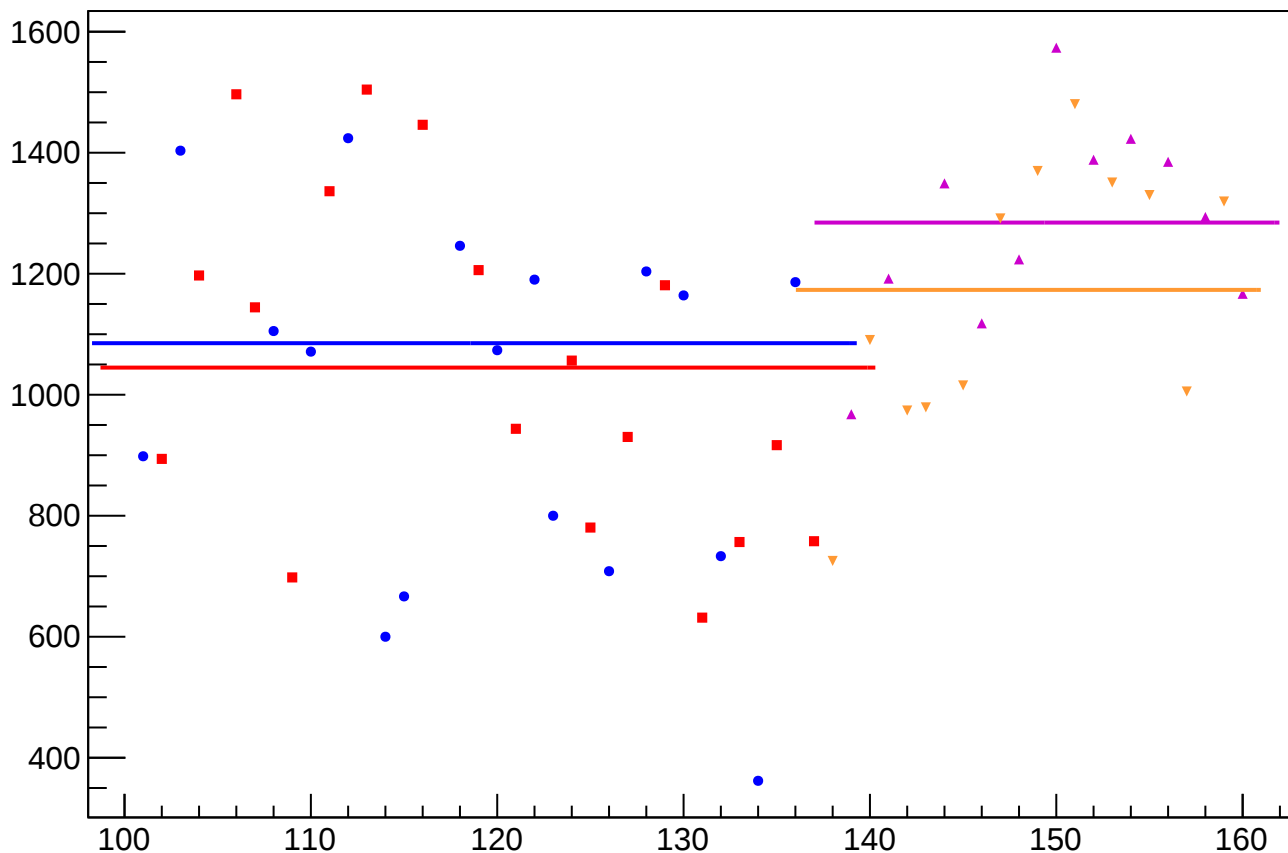
dit_11X12X_coil4_err_mean vs Slug



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

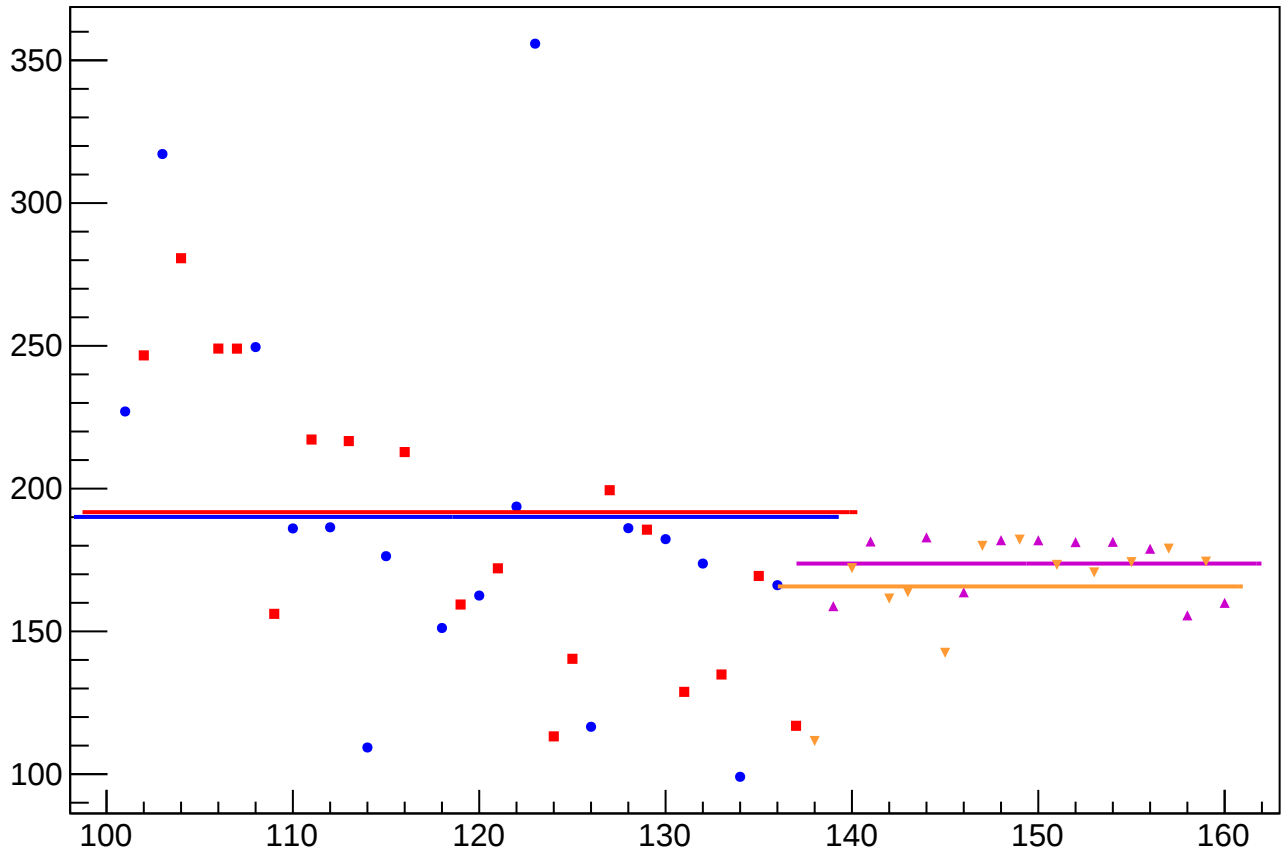
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ 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



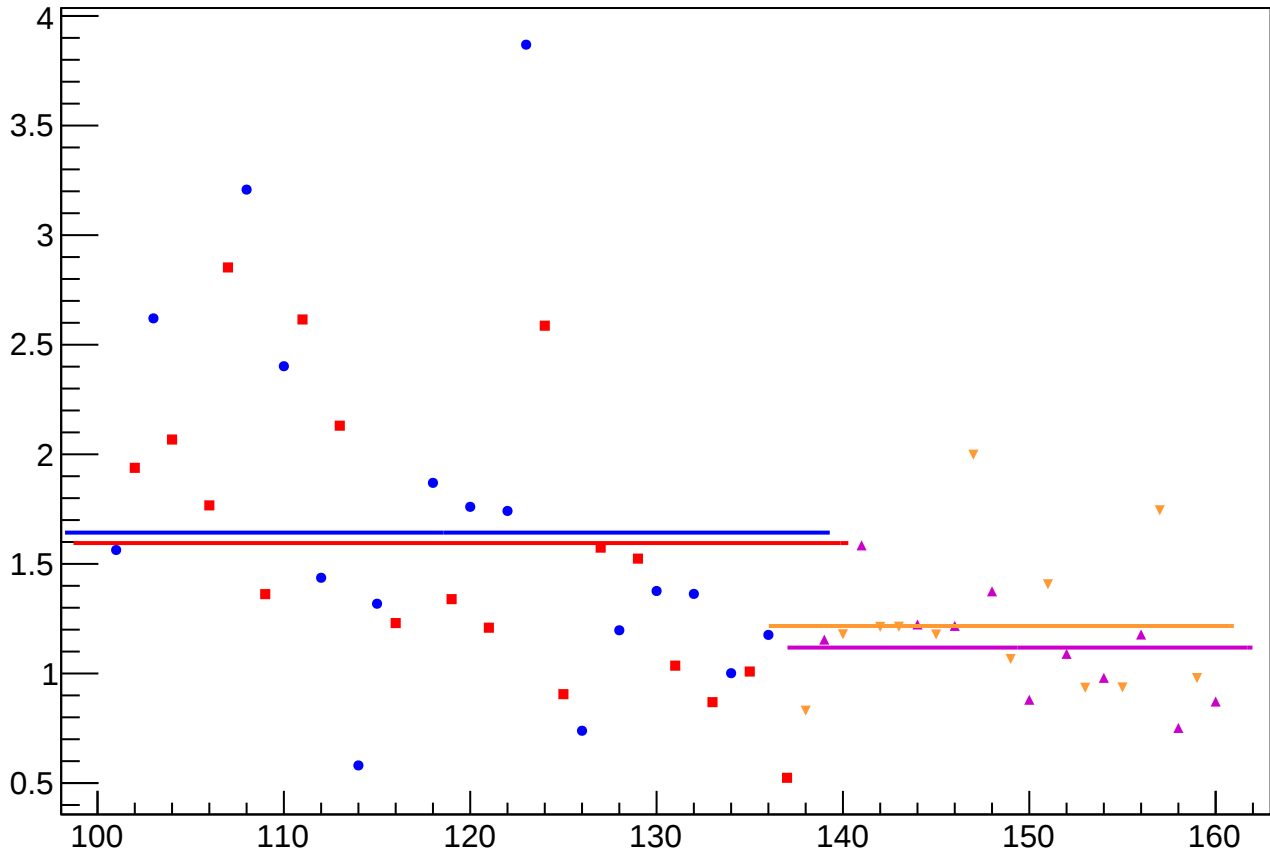
Right In: 190.085+/-0.000 χ^2/NDF : 1925698803891151227234396073587900416.0/16

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



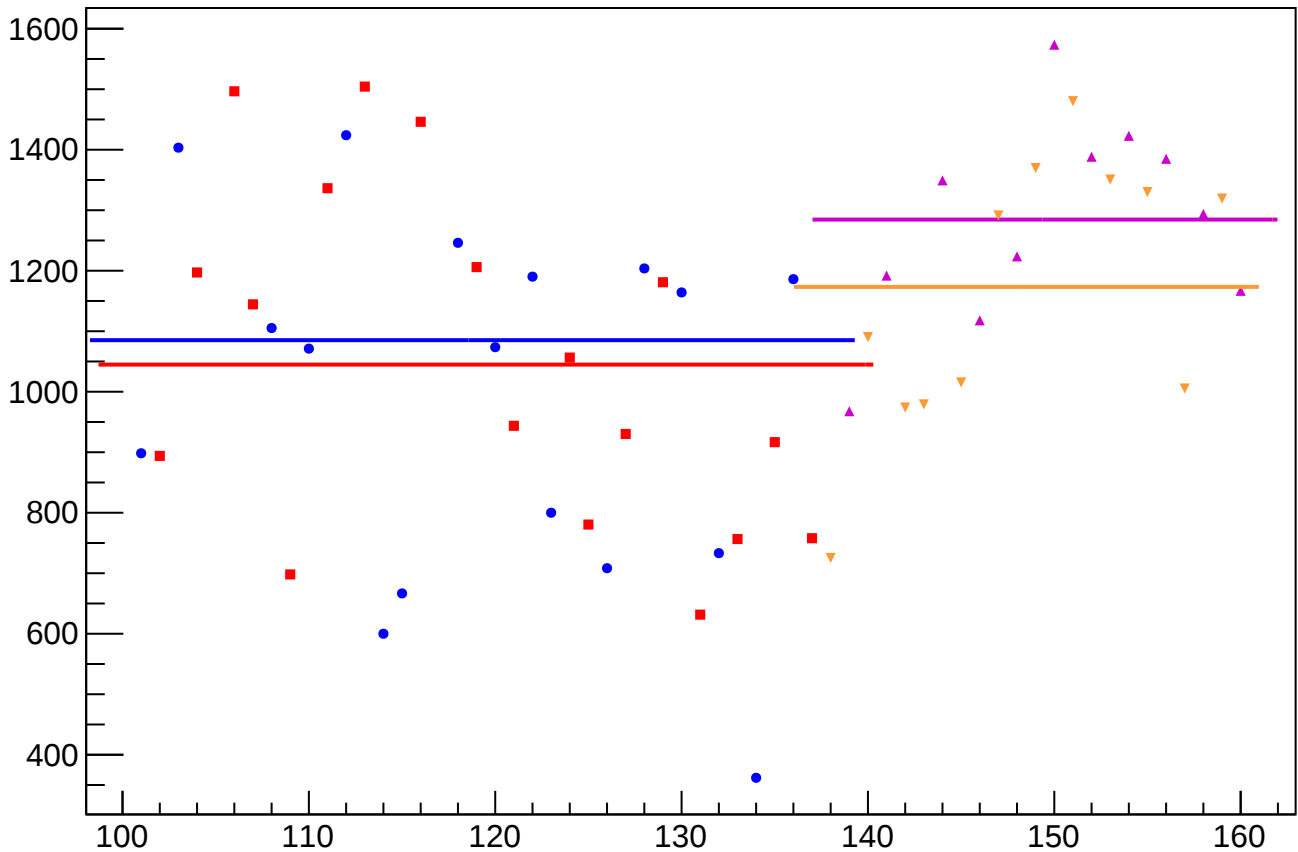
Right In: 1.643+/-0.000 χ^2/NDF : 289253300871261454870716449030144.0/16

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

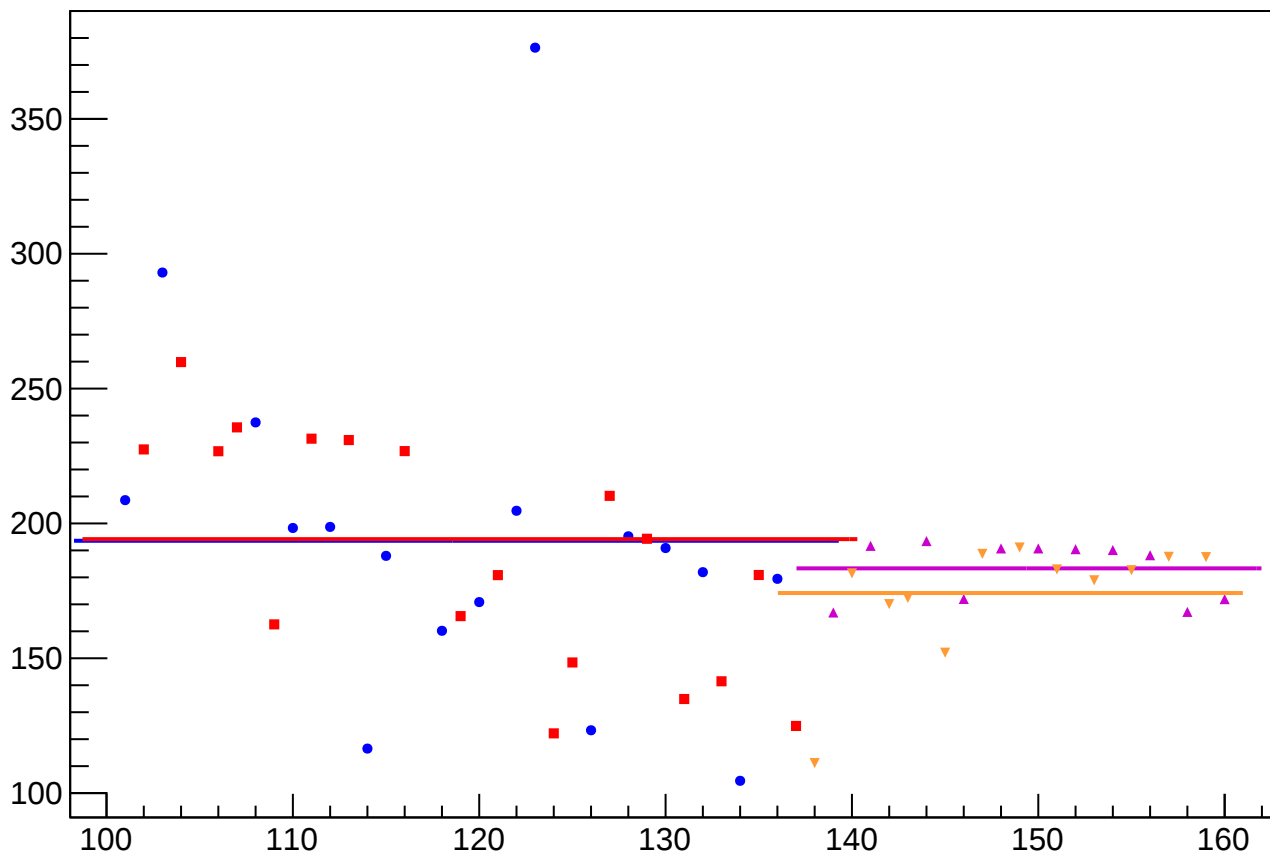
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_4eY_coil4_mean vs Slug



Right In: 193.573+/-0.000 χ^2/NDF : 1351064334288465855493252395600707584.0/16

Left Out: 174.198+/-0.000 χ^2/NDF : 435157803959110752164132199015120896.0/11

Right Out: 194.177+/-0.000 χ^2/NDF : 1137351144016205804609551236362928128.0/17

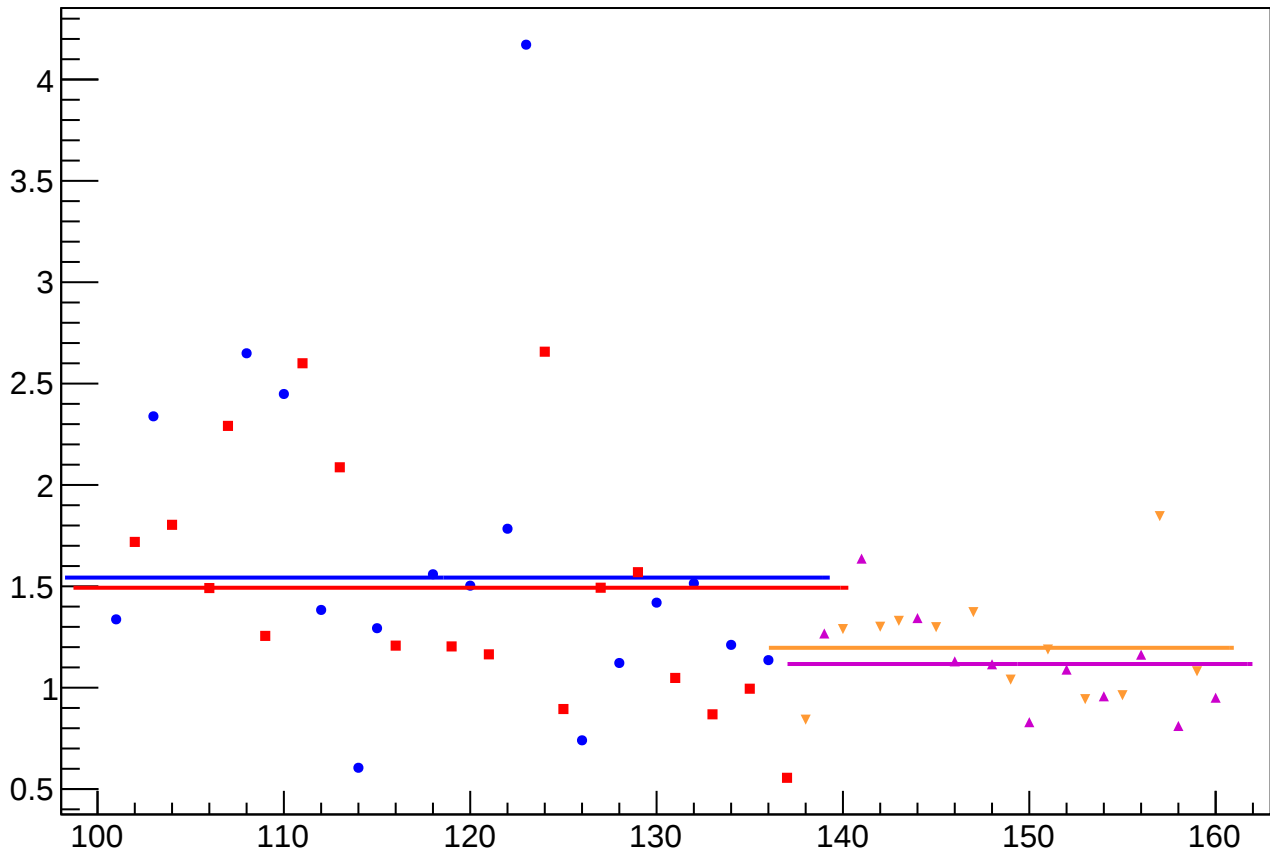
Left In: 183.338+/-0.000 χ^2/NDF : 99283390921198074748427132624437248.0/10

All: 185.351+/-0.000 χ^2/NDF : 324232146374

+ sign 182.586+/-0.000 χ^2/NDF : 193395556536341

- sign 188.040+/-0.000 χ^2/NDF : 128419031553067

dit_4eY_coil4_err_mean vs Slug



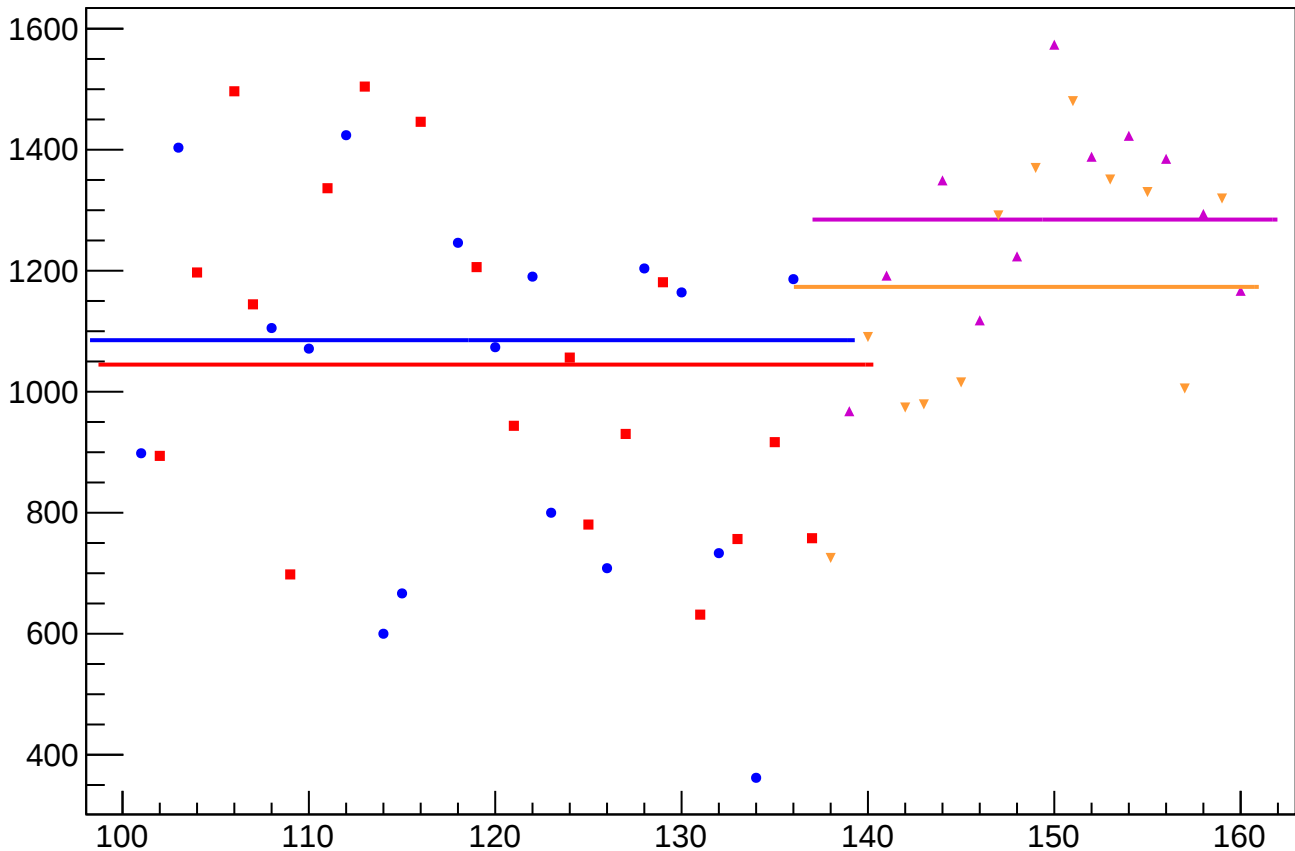
Right In: 1.543 ± 0.000 χ^2/NDF : 211470615756148398389395258867712.0/16

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

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

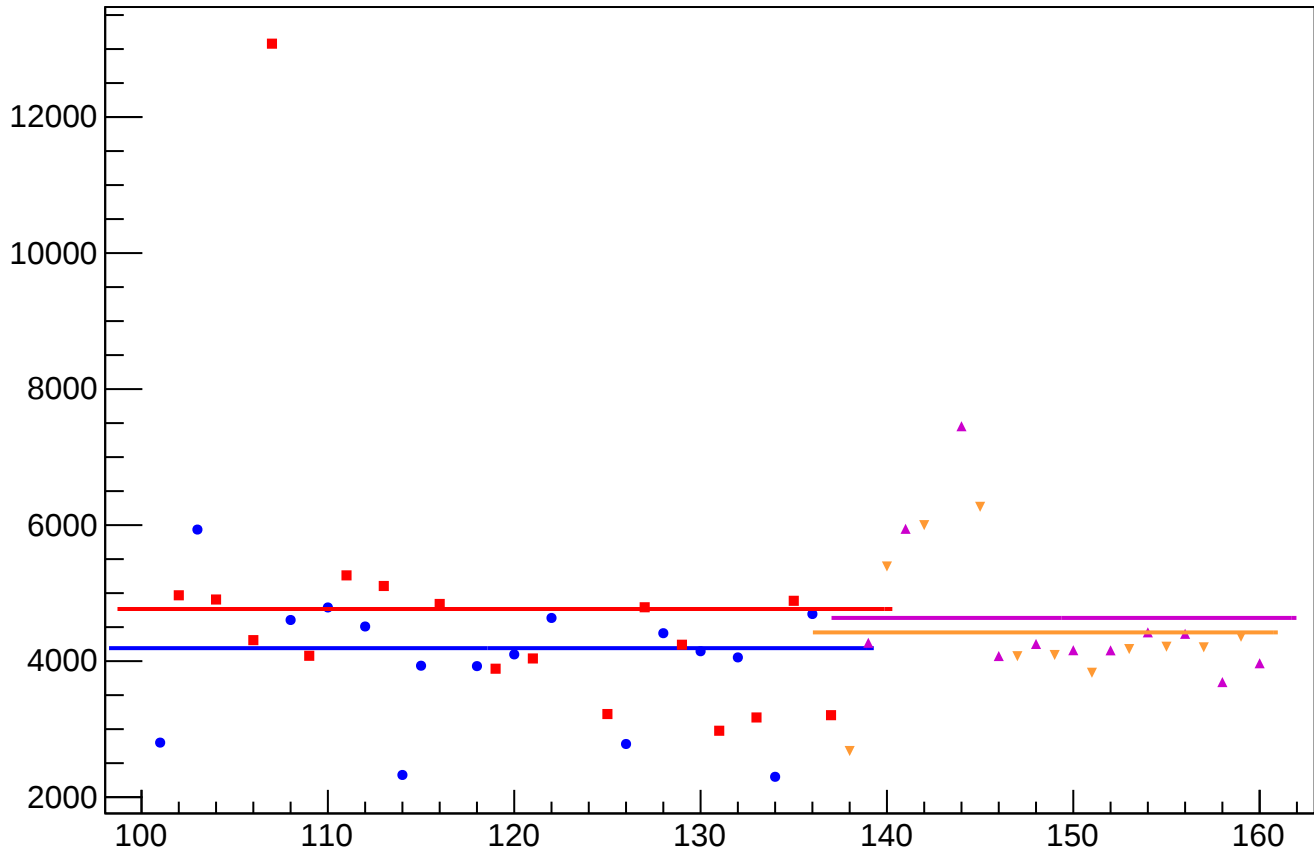
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

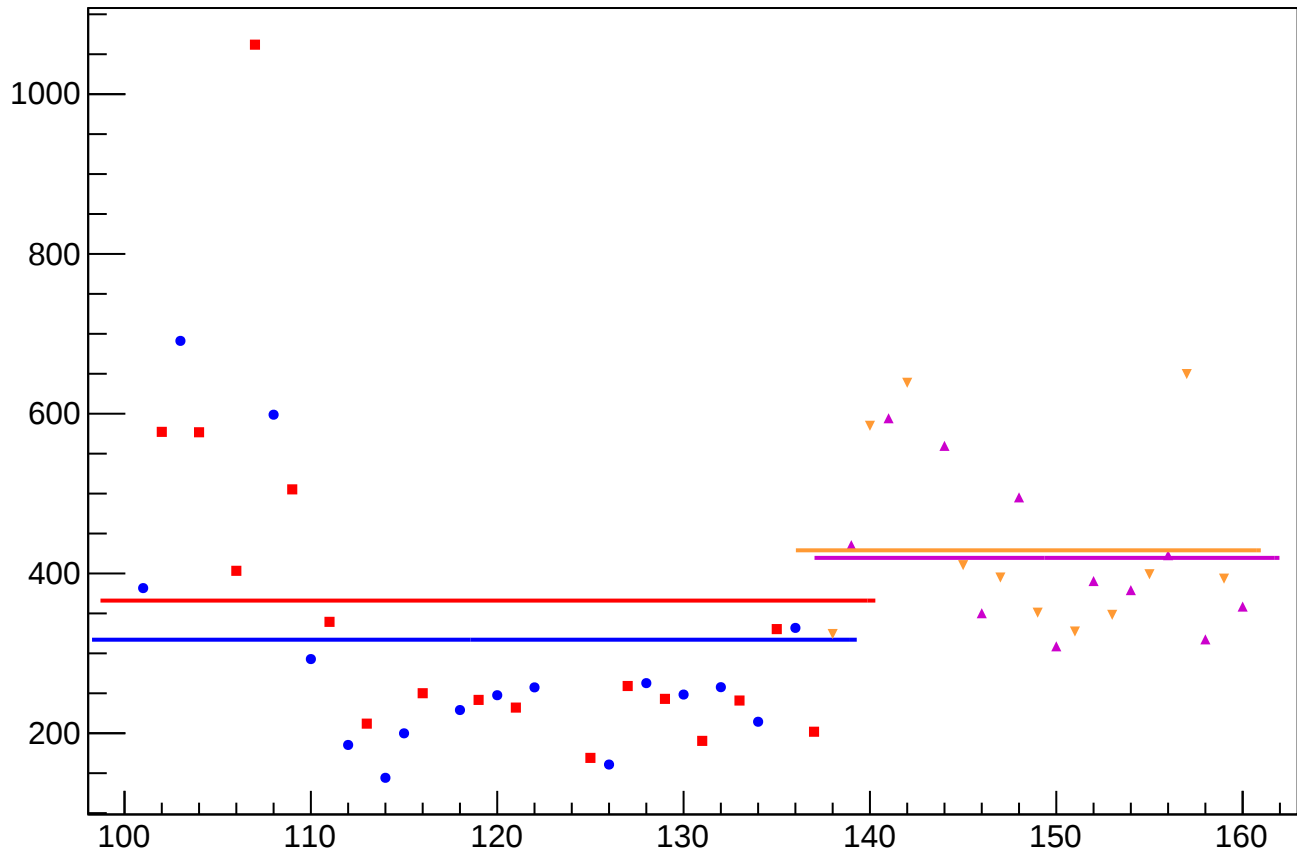
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_usl_coil4_mean vs Slug



Right In: 4190.973+/-0.000	χ^2/NDF : 554038134535494230935556440305969397760.0/15	+ sign 4318.228+/-0.000	χ^2/NDF : 13275652011608
Left Out: 4422.510+/-0.000	χ^2/NDF : 753196682646313209134126931375441313792.0/10	All: 4511.030+/-0.000	χ^2/NDF : 54737473677
Right Out: 4766.714+/-0.000	χ^2/NDF : 2969196242721495635889986773908602224640.0/16	- sign 4691.797+/-0.000	χ^2/NDF : 40358396760217
Left In: 4635.509+/-0.000	χ^2/NDF : 1059752939887595758489348119495845085184.0/10		

dit_usl_coil4_err_mean vs Slug



Right In: 317.084+/-0.000 χ^2/NDF : 15440276359245580191741047920465543168.0/15

Left Out: 428.978+/-0.000 χ^2/NDF : 10626522837529690140021114504579383296.0/10

Right Out: 366.053+/-0.000 χ^2/NDF : 31157973605683459615642144815175434240.0/16

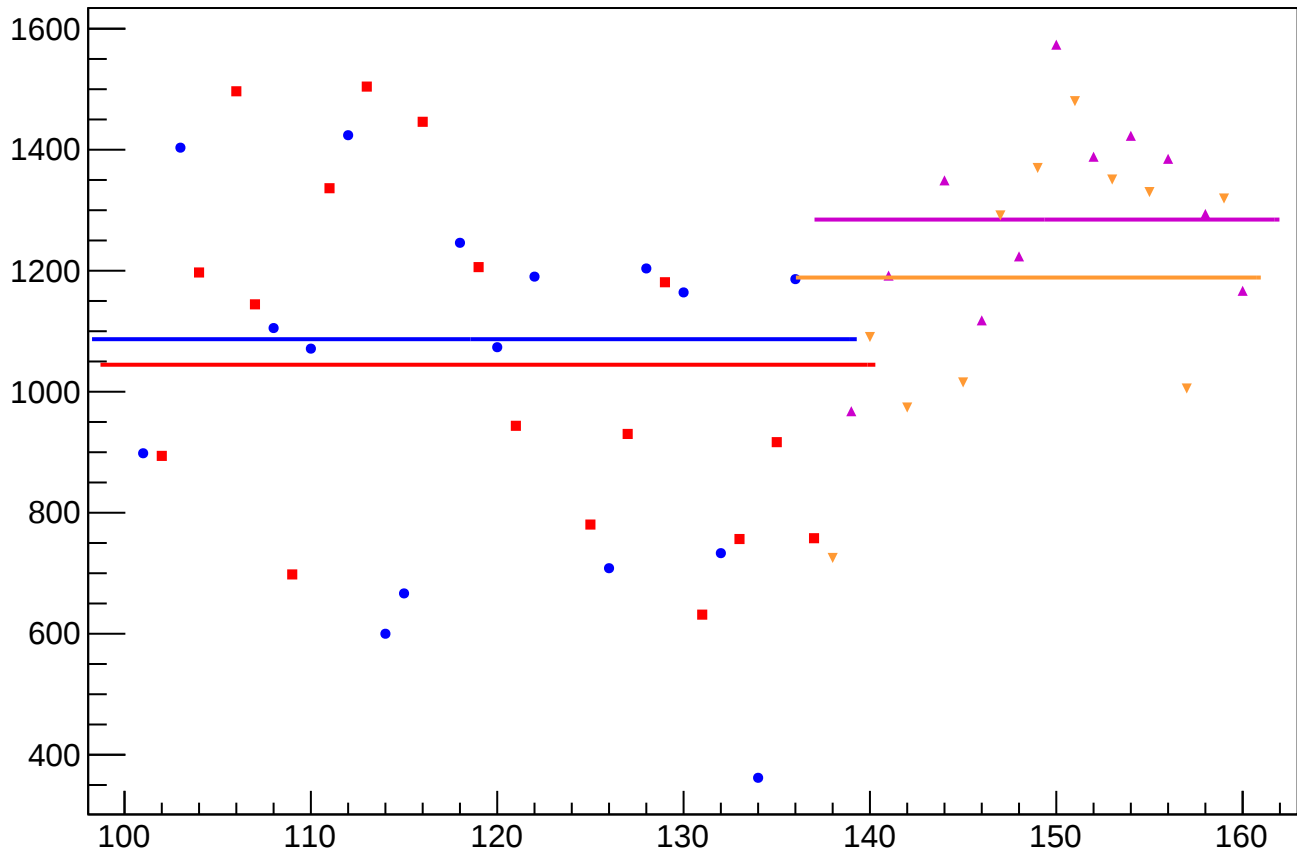
Left In: 419.525+/-0.000 χ^2/NDF : 7733869691626146763225313004956418048.0/10

+ sign 378.582+/-0.000 χ^2/NDF : 308148239260214

All: 387.873+/-0.000 χ^2/NDF : 711073608373

- sign 396.585+/-0.000 χ^2/NDF : 400362792216568

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1086.839+/-0.000 χ^2/NDF : 44275849492978077110615226297834536960.0/15

Left Out: 1188.739+/-0.000 χ^2/NDF : 39812899139477527607362290262896279552.0/10

Right Out: 1044.621+/-0.000 χ^2/NDF : 50844042601115178022623217176499191808.0/16

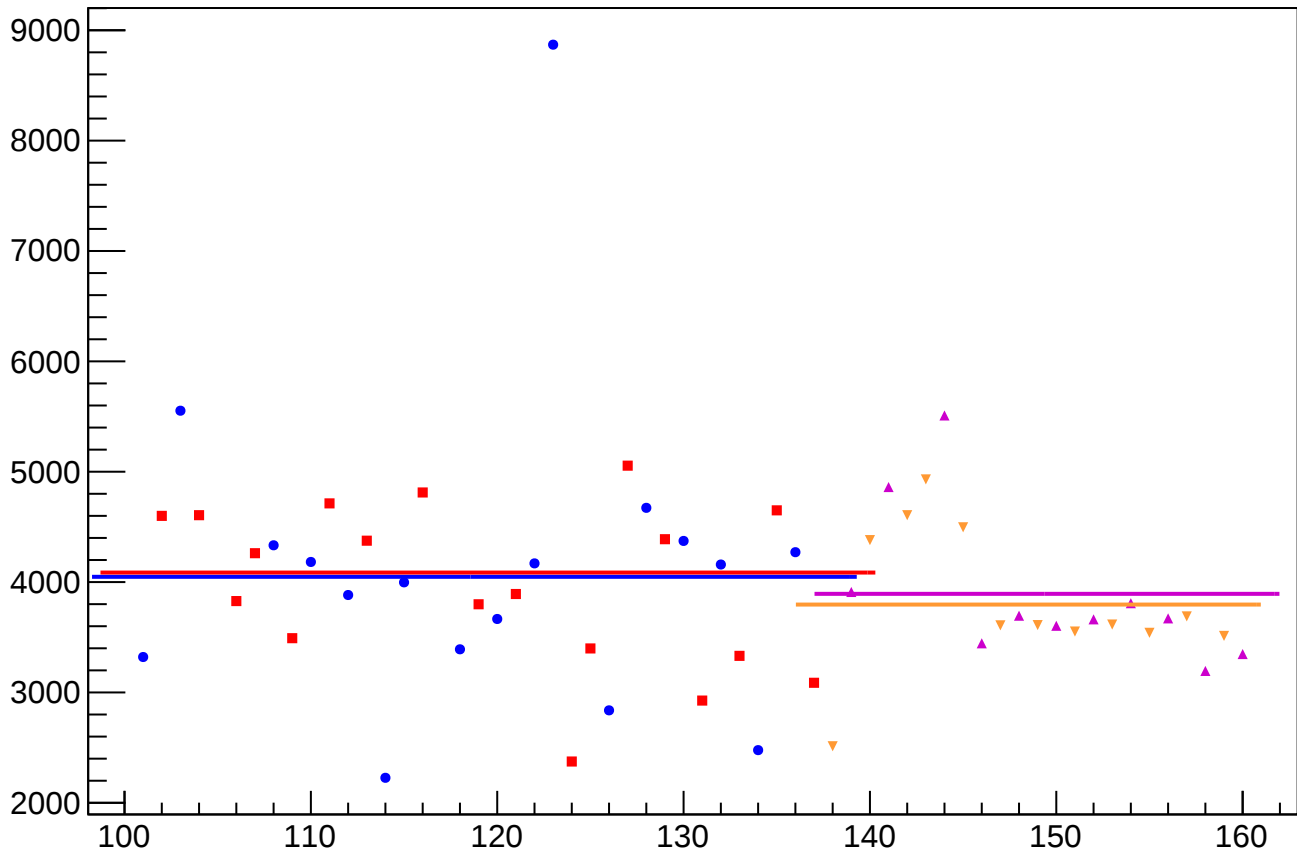
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1142.844+/-0.000 χ^2/NDF : 88026490685914

All: 1162.853+/-0.000 χ^2/NDF : 18715517322

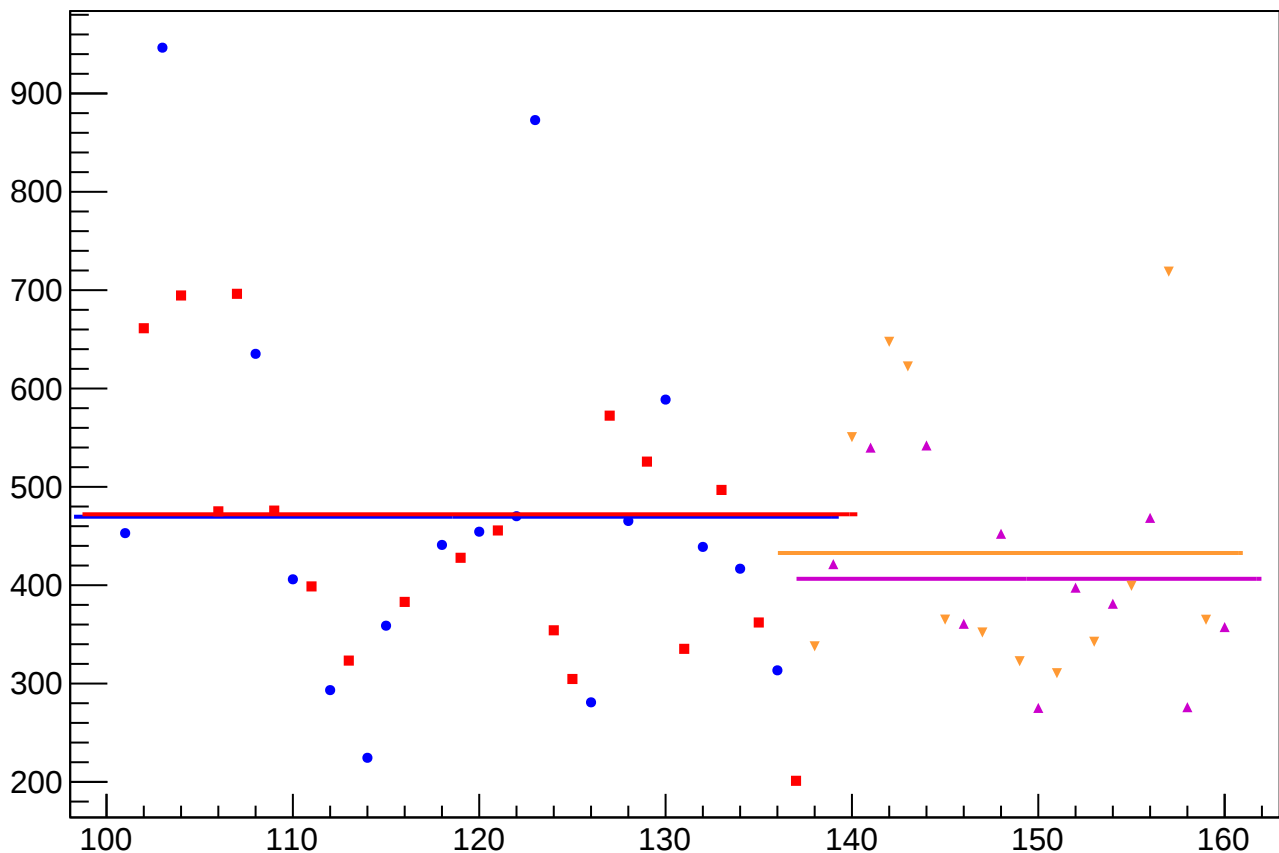
- sign 1181.613+/-0.000 χ^2/NDF : 97940288623670

dit_usr_coil4_mean vs Slug



Right In: 4047.777+/-0.000 χ^2/NDF : 474277601546286209707812771687018004480.0/16
 Left Out: 3796.236+/-0.000 χ^2/NDF : 336687829589722132467600550527009554432.0/11
 Right Out: 4086.316+/-0.000 χ^2/NDF : 301982700213825275137563978140215148544.0/17
 Left In: 3893.435+/-0.000 χ^2/NDF : 413166584185760487956391730192104554496.0/10

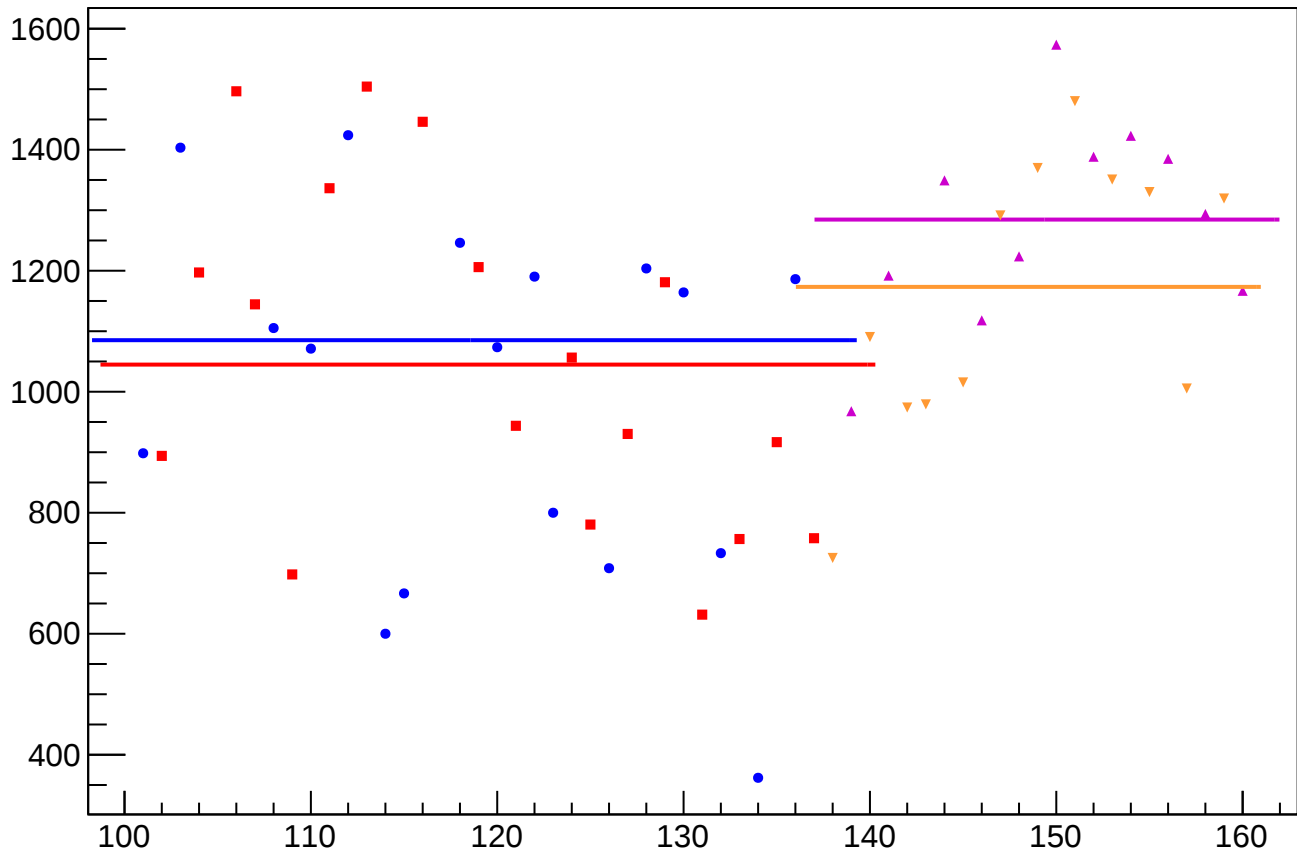
dit_usr_coil4_err_mean vs Slug



Right In: 469.645+/-0.000	χ^2/NDF : 22201042961896219188176863921652629504.0/16
Left Out: 432.752+/-0.000	χ^2/NDF : 16613778156502227039812648208749821952.0/11
Right Out: 472.112+/-0.000	χ^2/NDF : 12398871924669384395849092219212398592.0/17
Left In: 406.513+/-0.000	χ^2/NDF : 7035979744021755230989165632233144320.0/10

+ 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

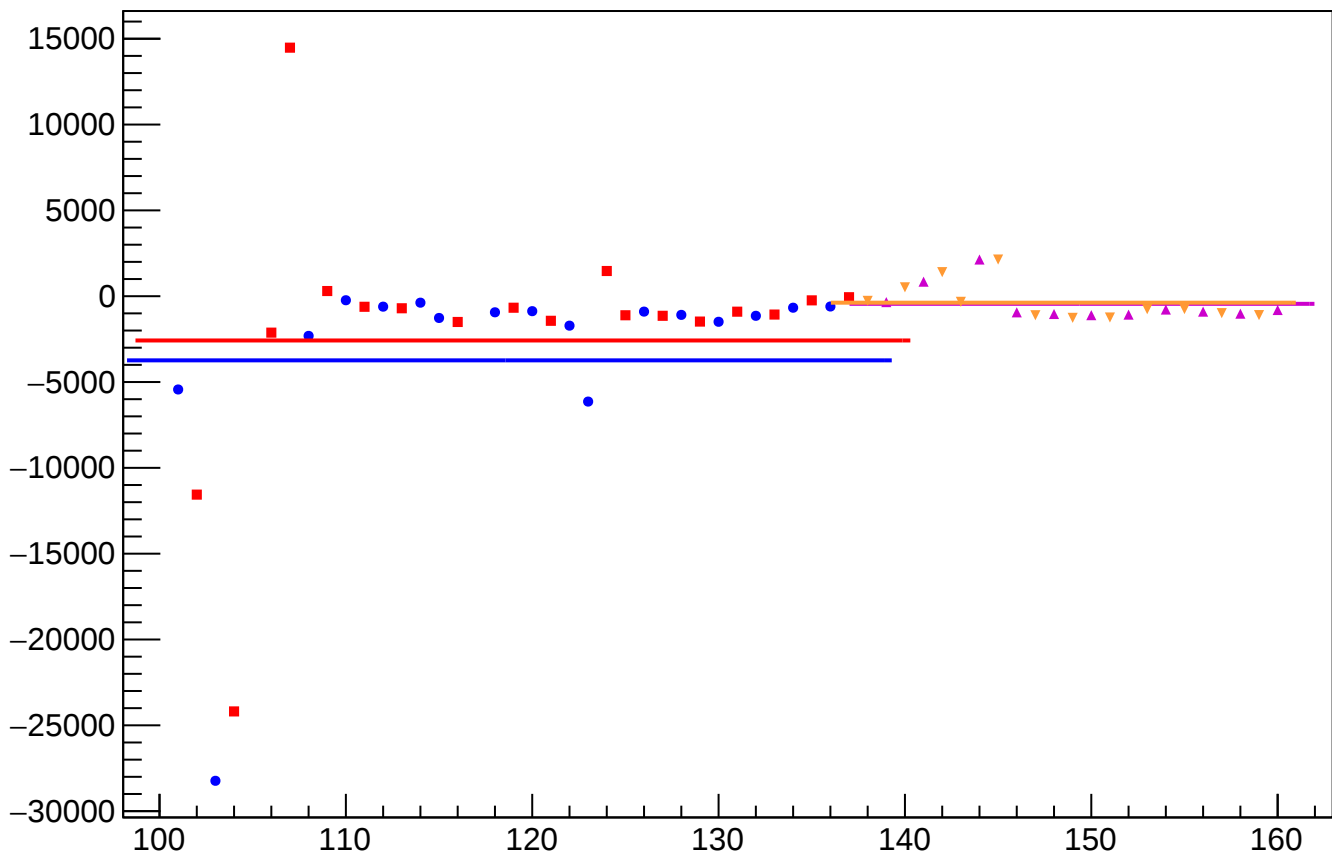
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

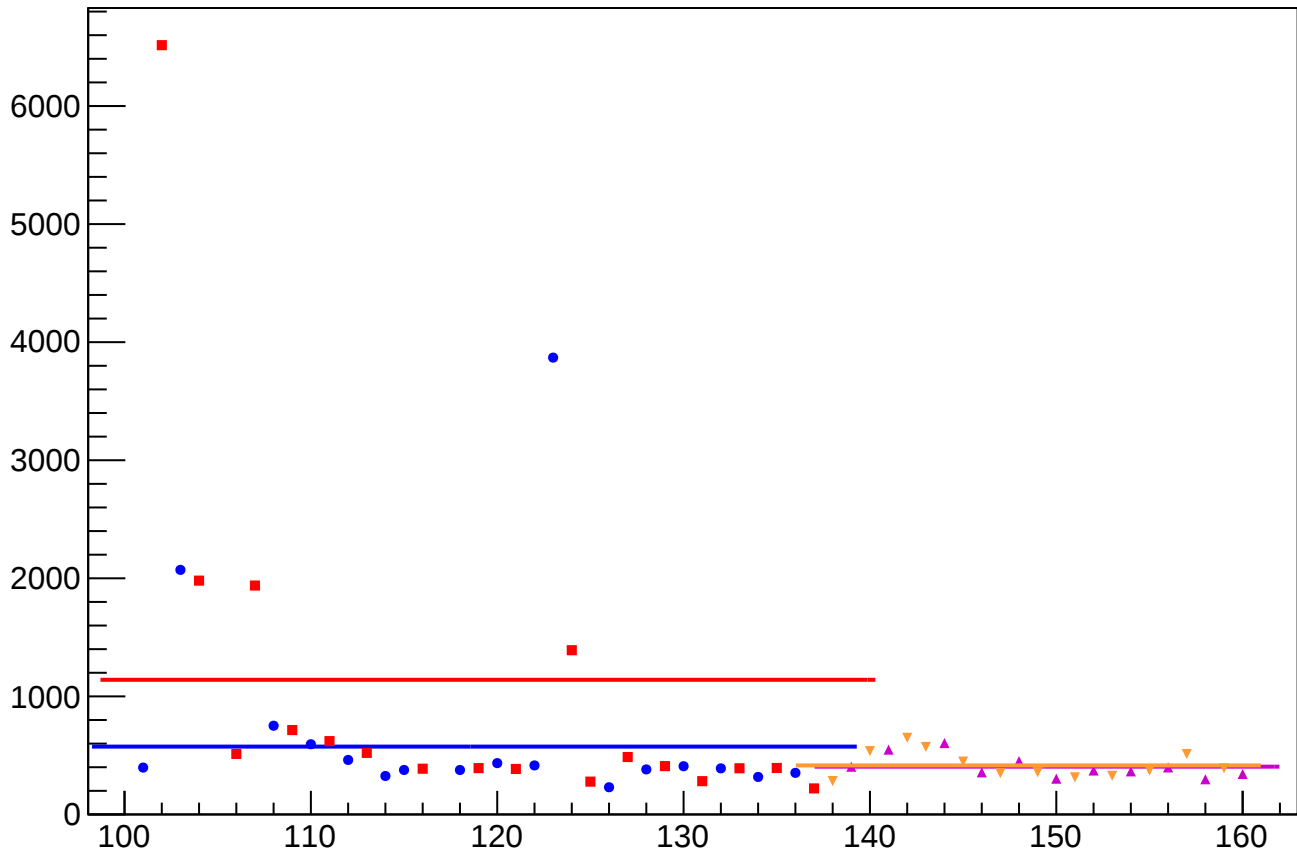
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

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



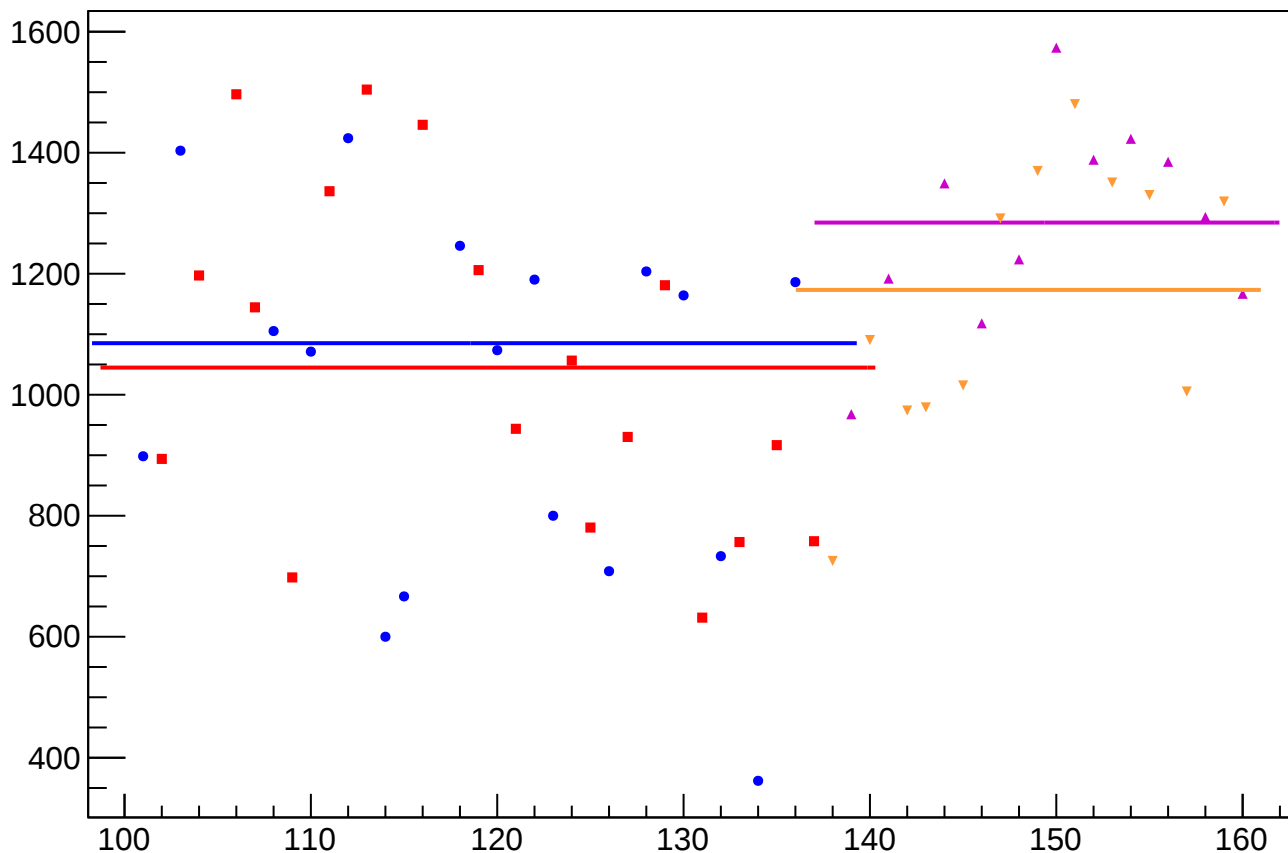
Right In: 574.655+/-0.000 χ^2/NDF : 199698400452439530730016550179978608640.0/16

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 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

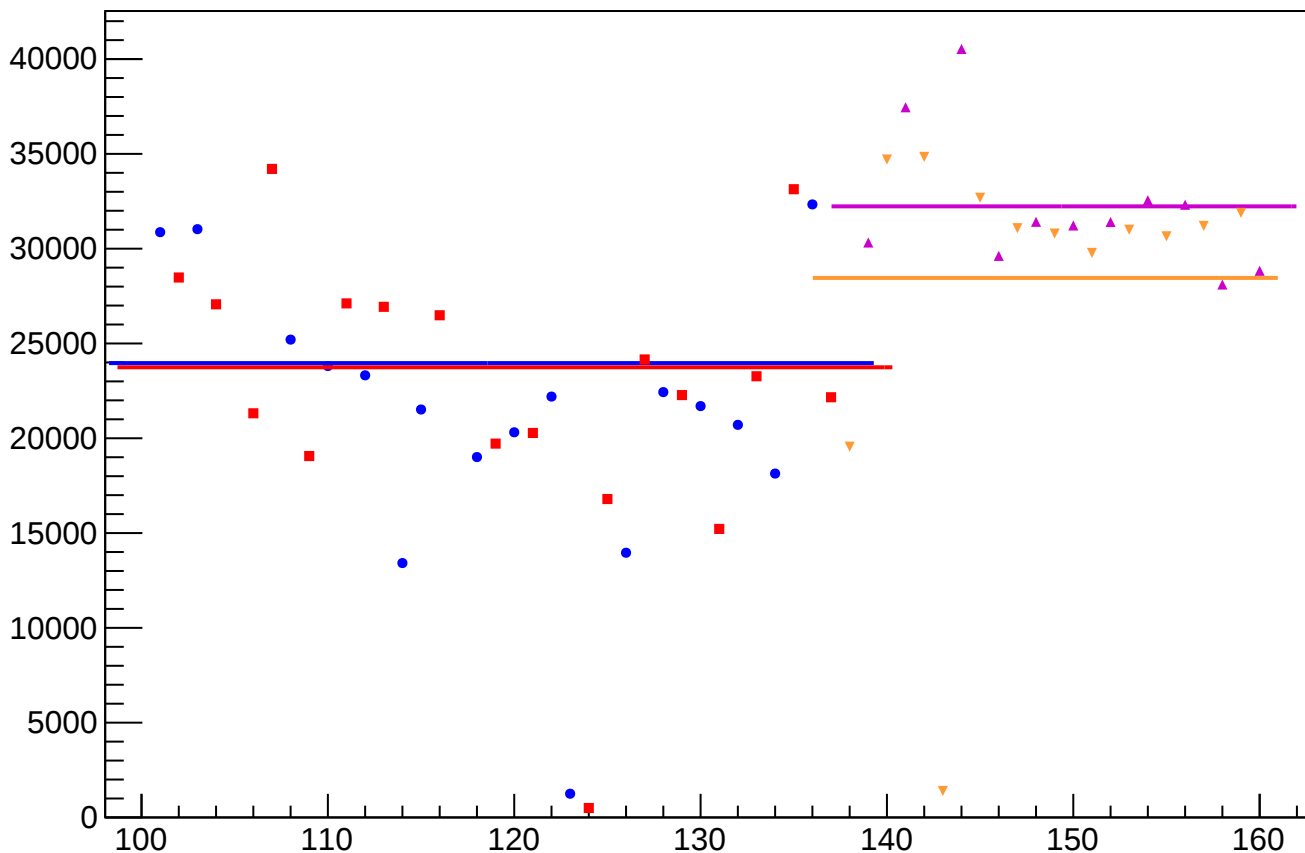
Left Out: 1173.287 $\pm$ 0.000 χ^2 /NDF: 42540290412411971649148526900629471232.0/11

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

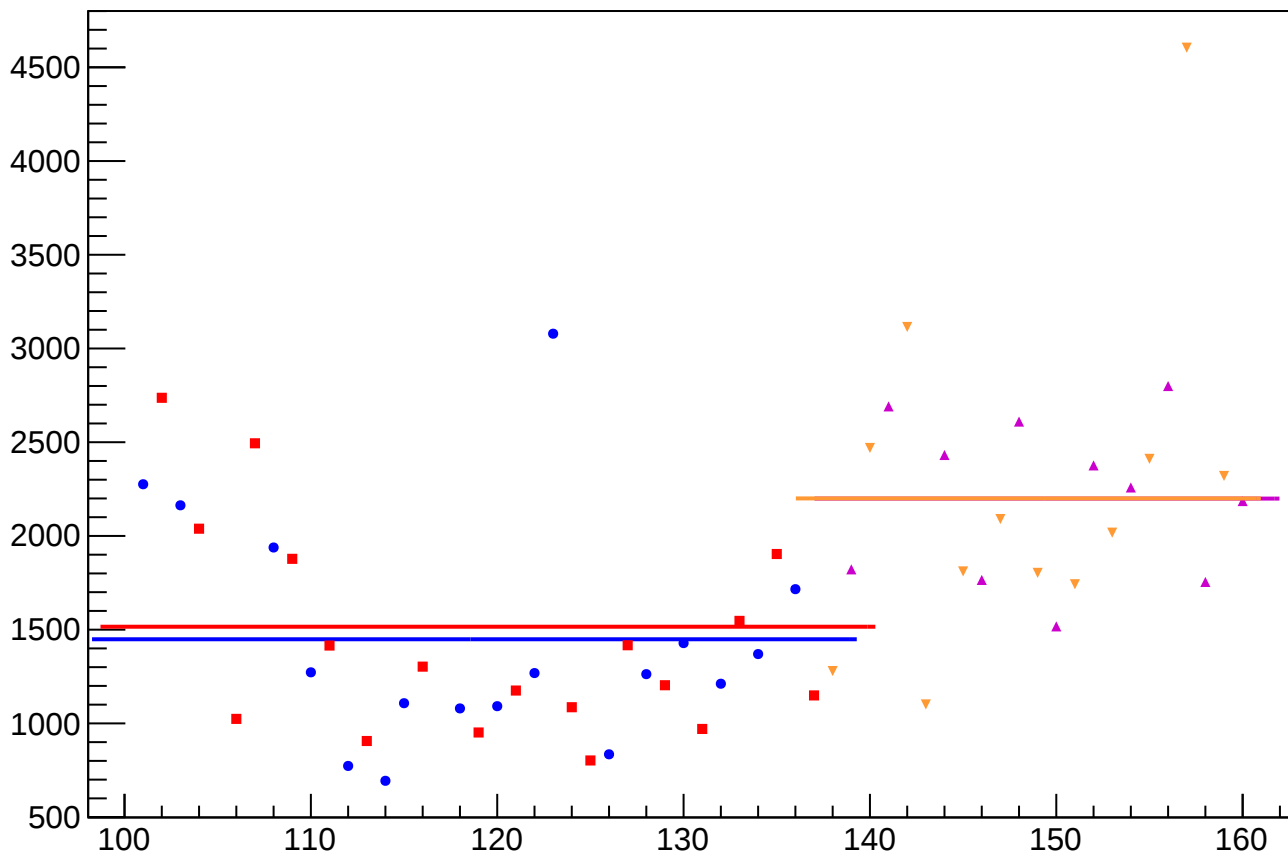
dit_atl2_coil4_mean vs Slug



Right In: 23965.147+/-0.000	χ^2/NDF : 22982900561545593794269983567622080299008.0/16
Left Out: 28458.038+/-0.000	χ^2/NDF : 65276775110198217312307166333227962990592.0/11
Right Out: 23743.519+/-0.000	χ^2/NDF : 25937218131071515690144071247519476088832.0/17
Left In: 32231.777+/-0.000	χ^2/NDF : 11867262349376140232643052148473974489088.0/10

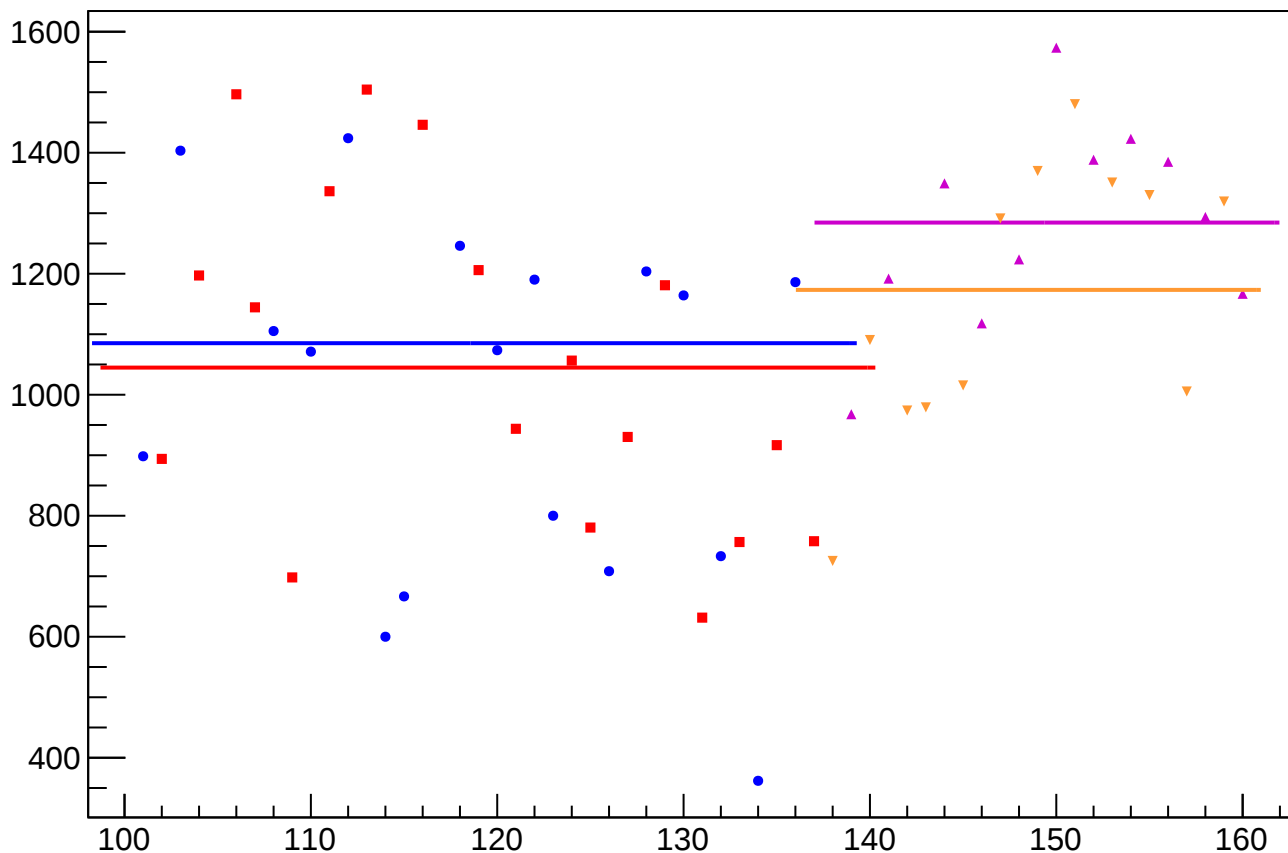
+ sign 26512.893+/-0.000 χ^2/NDF : 9620372030038
 All: 27545.073+/-0.000 χ^2/NDF : 1665425990
 - sign 28549.068+/-0.000 χ^2/NDF : 6696985876437

dit_atl2_coil4_err_mean vs Slug



Right In: 1448.784+/-0.000 χ^2/NDF : 161243667372586677805499102921584803840.0/16
 Left Out: 2200.167+/-0.000 χ^2/NDF : 669096191562201912337665879605187182592.0/11
 Right Out: 1515.702+/-0.000 χ^2/NDF : 234412516405982646618467253110689497088.0/17
 Left In: 2199.283+/-0.000 χ^2/NDF : 156934506780582925441007438753813233664.0/10

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

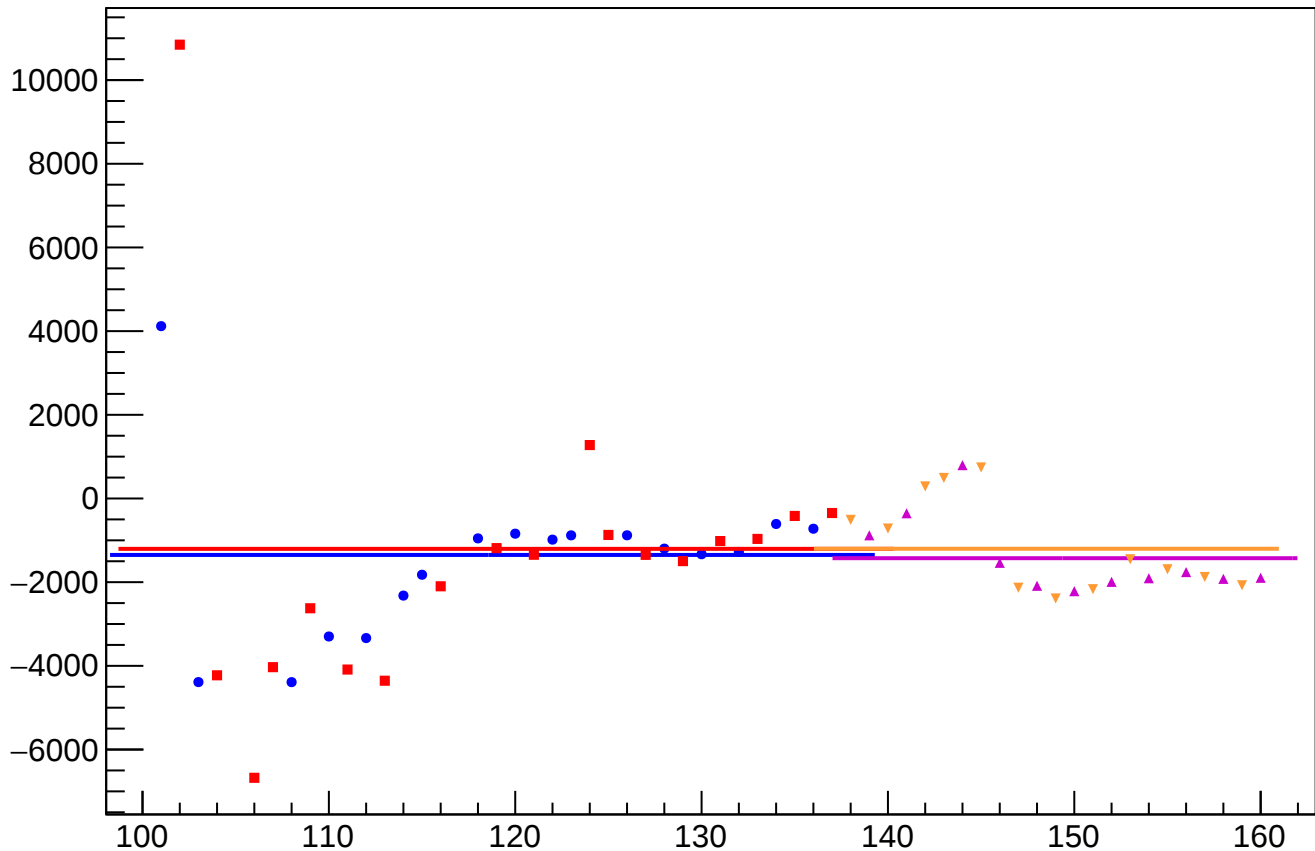
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

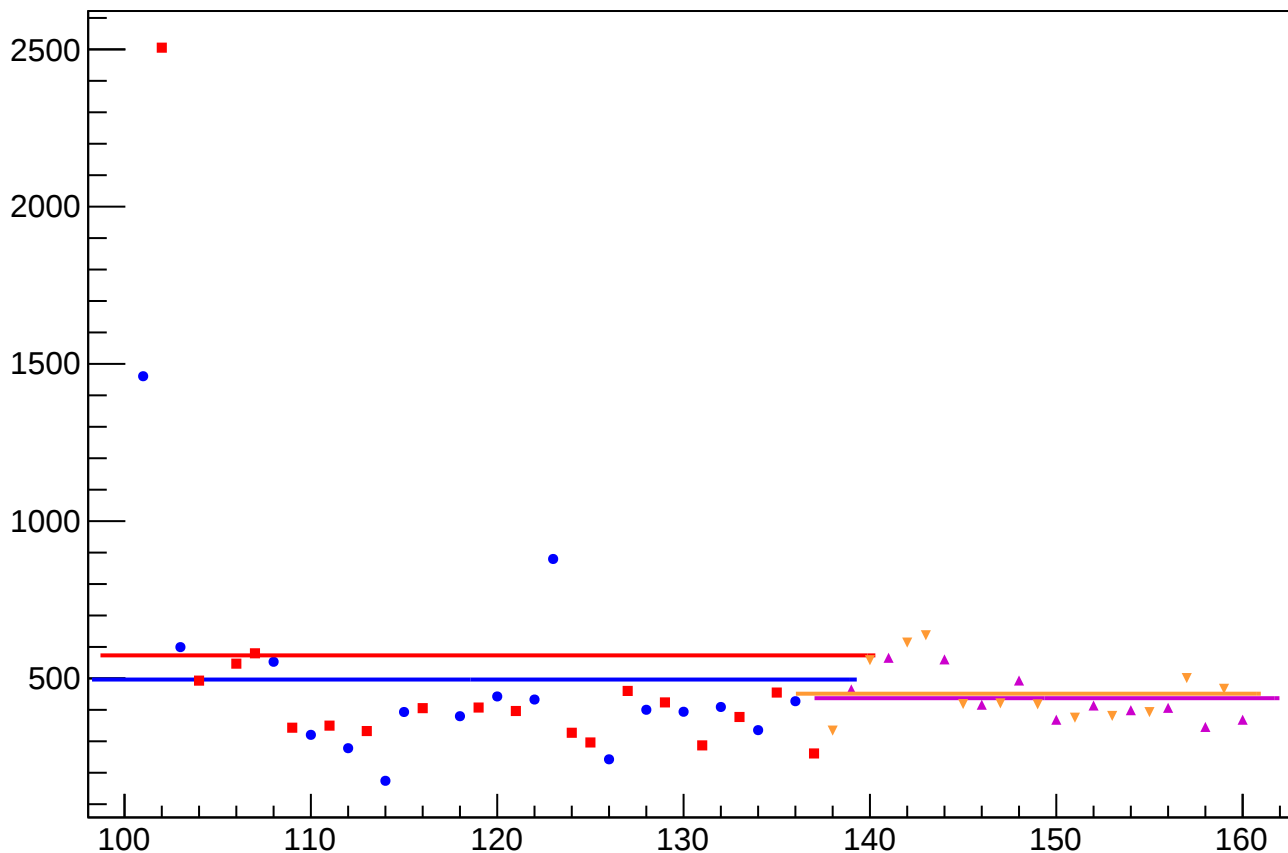
dit_atr1_coil4_mean vs Slug



Right In: -1349.176+/-0.000	χ^2/NDF : 3084941184045918680057306663363310256128.0/16
Left Out: -1201.551+/-0.000	χ^2/NDF : 1022278799851765665232545195889702993920.0/11
Right Out: -1203.612+/-0.000	χ^2/NDF : 11193438968454164485978999260490441424896.0/17
Left In: -1427.044+/-0.000	χ^2/NDF : 751413830478220555131206140402736300032.0/10

+ sign -1265.464+/-0.000 χ^2/NDF : 4115796389108
 All: -1298.232+/-0.000 χ^2/NDF : 1608425261
 - sign -1330.106+/-0.000 χ^2/NDF : 11965060685998

dit_atr1_coil4_err_mean vs Slug



Right In: 496.351+/-0.000 χ^2/NDF : 66983748455015205041159290240142147584.0/16

+ sign 470.846+/-0.000 χ^2/NDF : 749148131220304

Left Out: 451.374+/-0.000 χ^2/NDF : 7134946740505986037701205636285464576.0/11

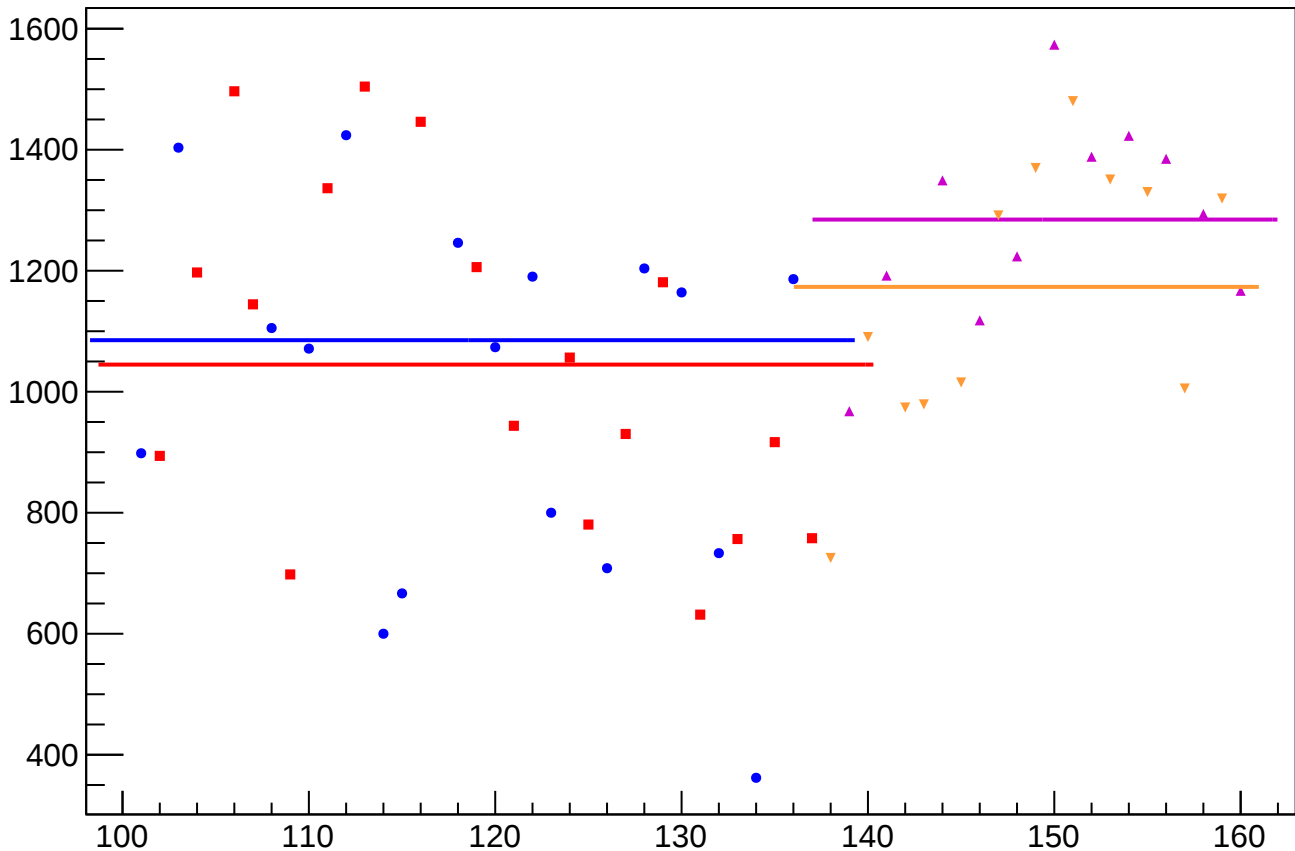
All: 483.650+/-0.000 χ^2/NDF : 327871415583

Right Out: 573.168+/-0.000 χ^2/NDF : 240073229917698868720276393416726675456.0/17

- sign 496.105+/-0.000 χ^2/NDF : 252438177393223

Left In: 437.047+/-0.000 χ^2/NDF : 4864659833143539285467190686845501440.0/10

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

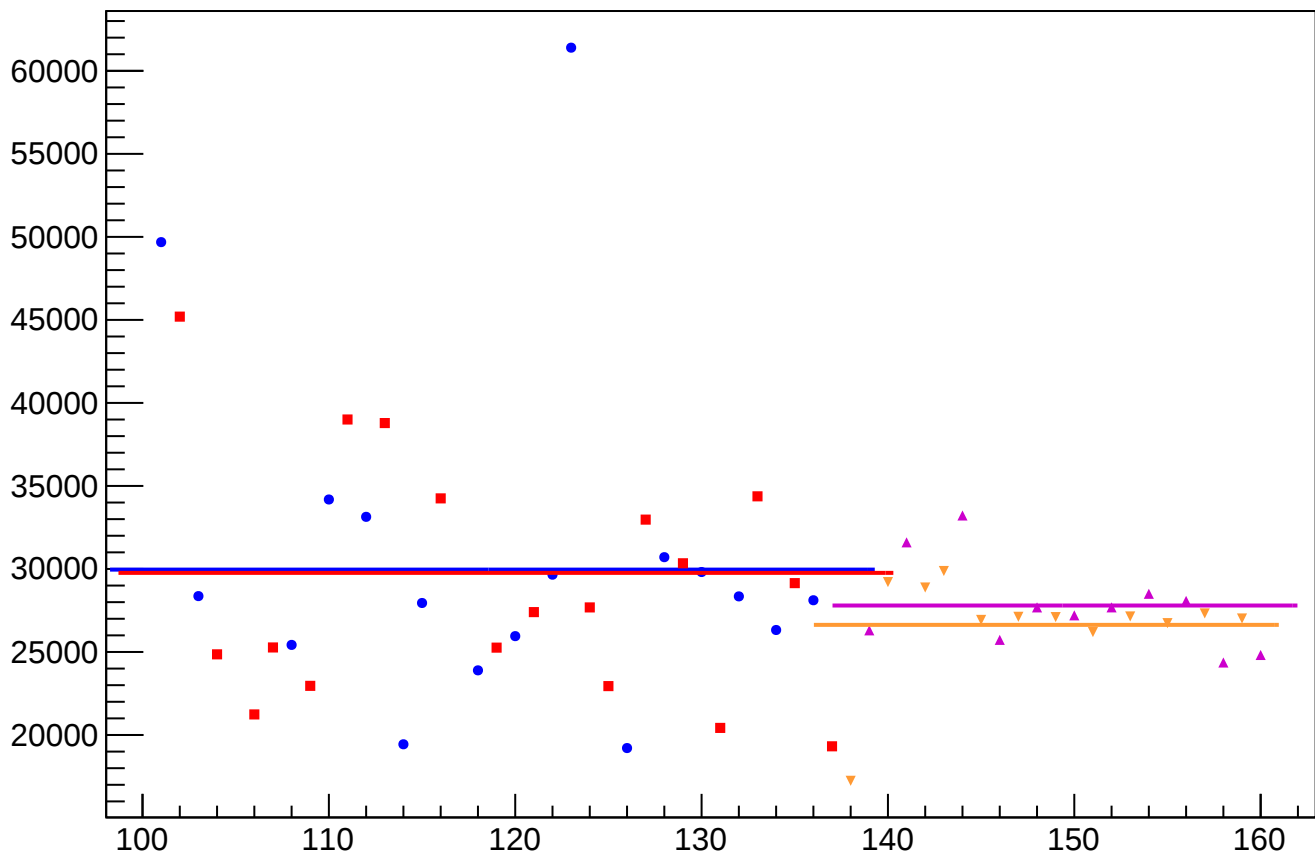
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

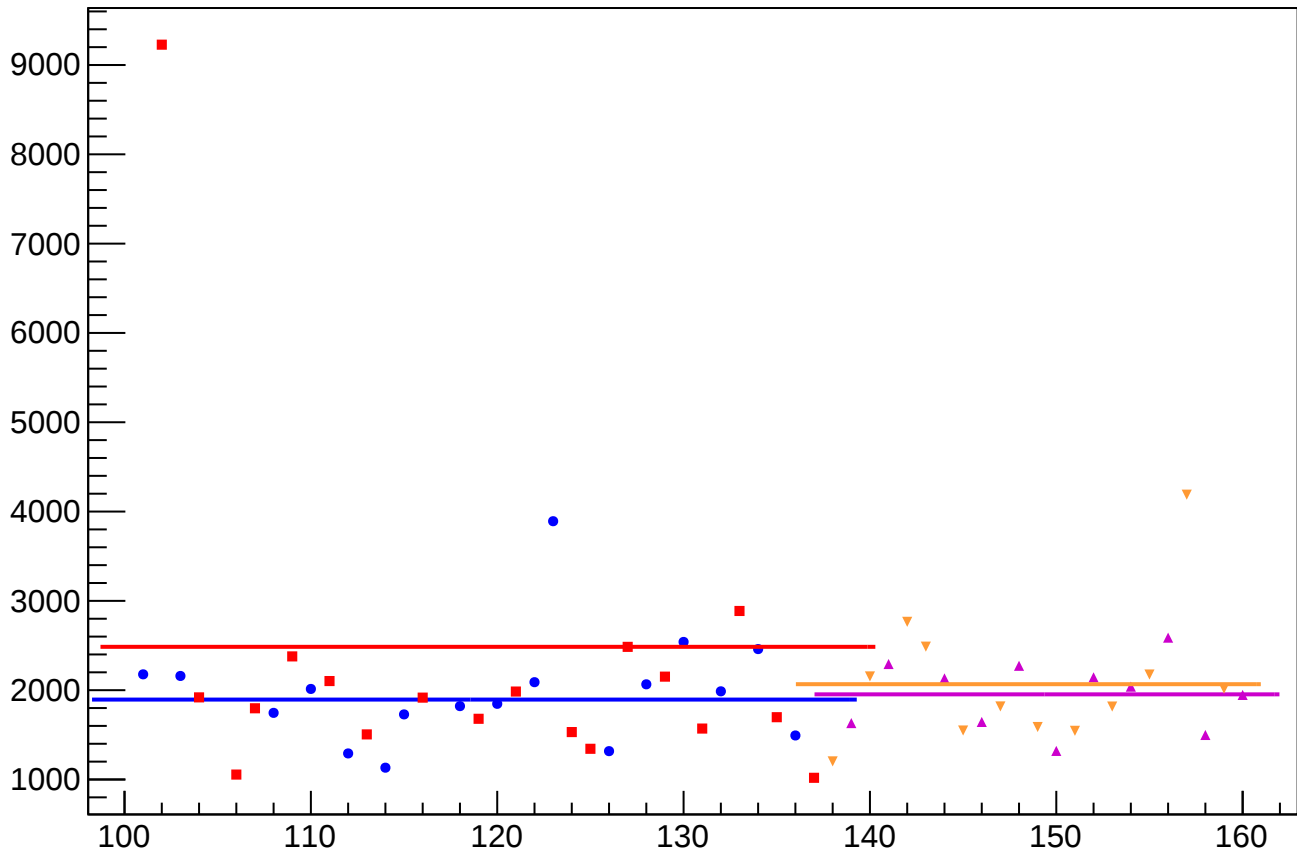
dit_atr2_coil4_mean vs Slug



Right In: 29960.563+/-0.000	χ^2/NDF : 38272709086570322906485359352807285587968.0/16
Left Out: 26632.417+/-0.000	χ^2/NDF : 8490243568880868958289706883488159891456.0/11
Right Out: 29764.245+/-0.000	χ^2/NDF : 38095124017741211444799459233695721848832.0/17
Left In: 27798.105+/-0.000	χ^2/NDF : 6158980585091942758745963697527175774208.0/10

+ sign 28073.299+/-0.000 χ^2/NDF : 5112203081983
 All: 28366.215+/-0.000 χ^2/NDF : 9721225730
 - sign 28651.133+/-0.000 χ^2/NDF : 4581890749536

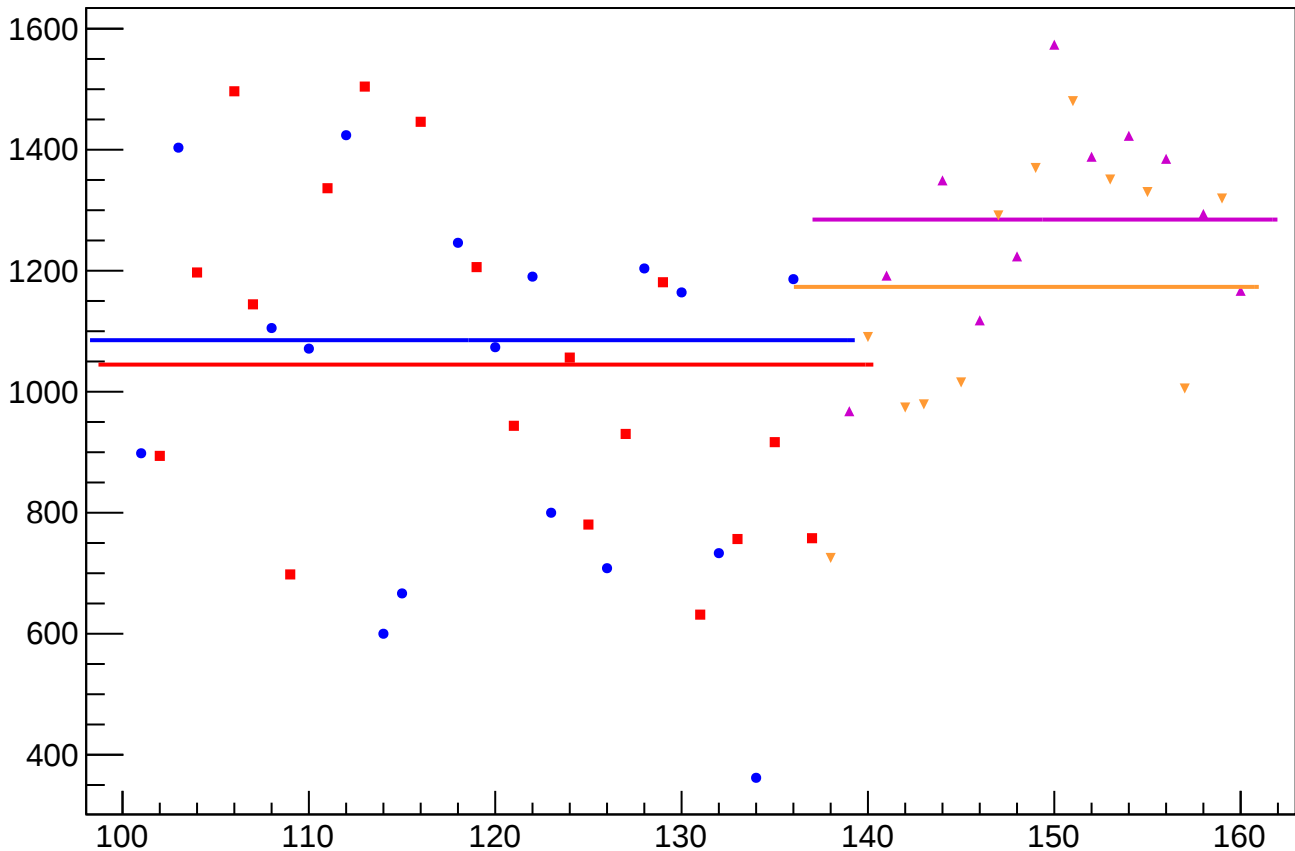
dit_atr2_coil4_err_mean vs Slug



Right In: 1894.762 $\pm$ 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

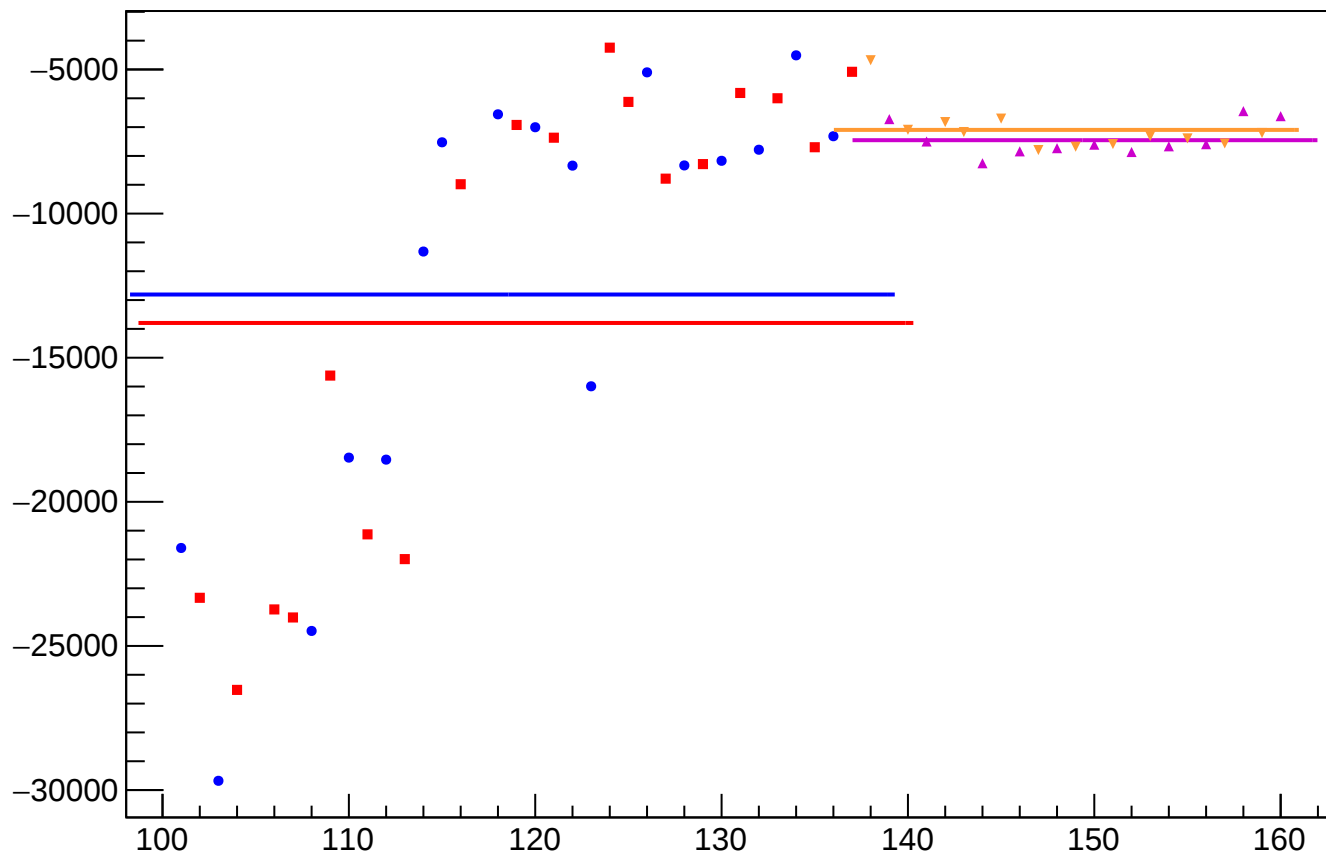
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

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

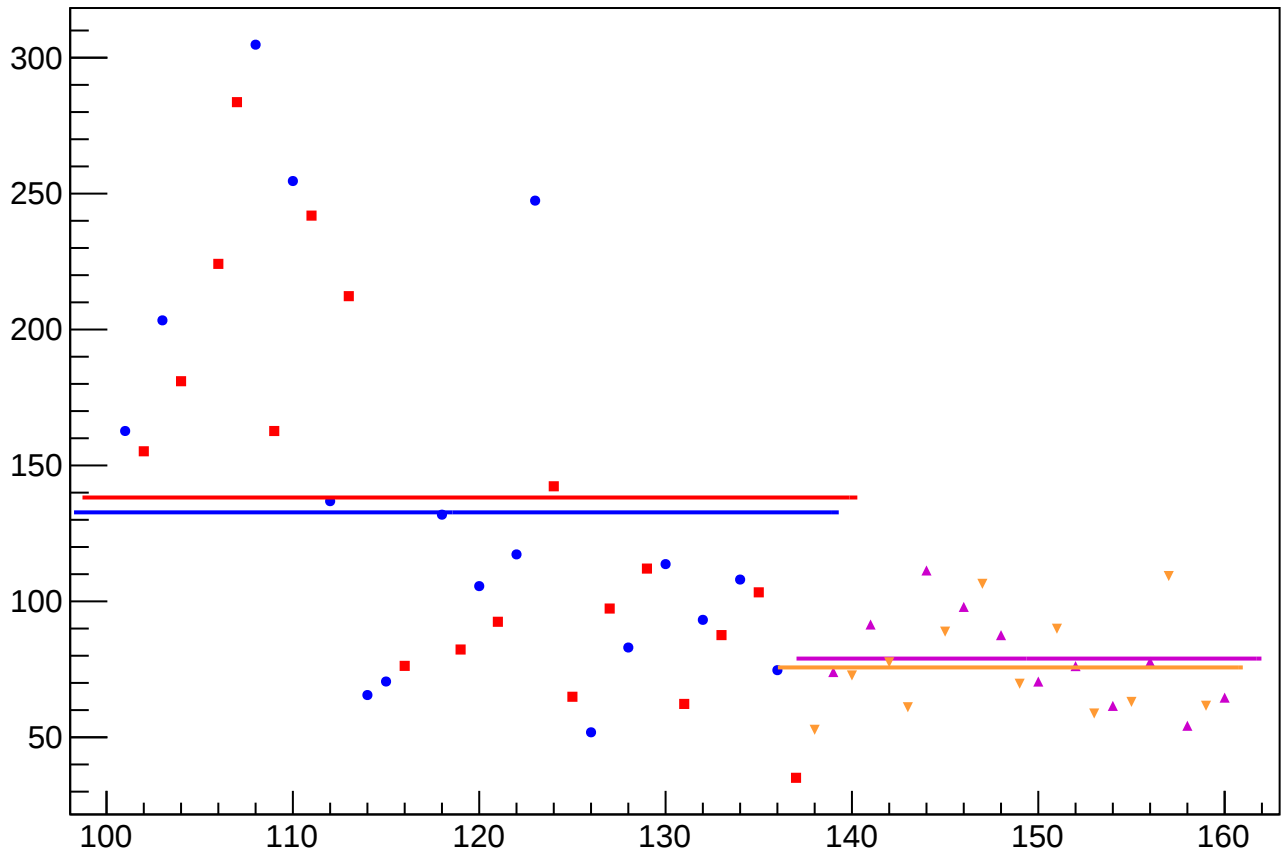
All: -9891.183+/-0.000 χ^2/NDF : 1183430201

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

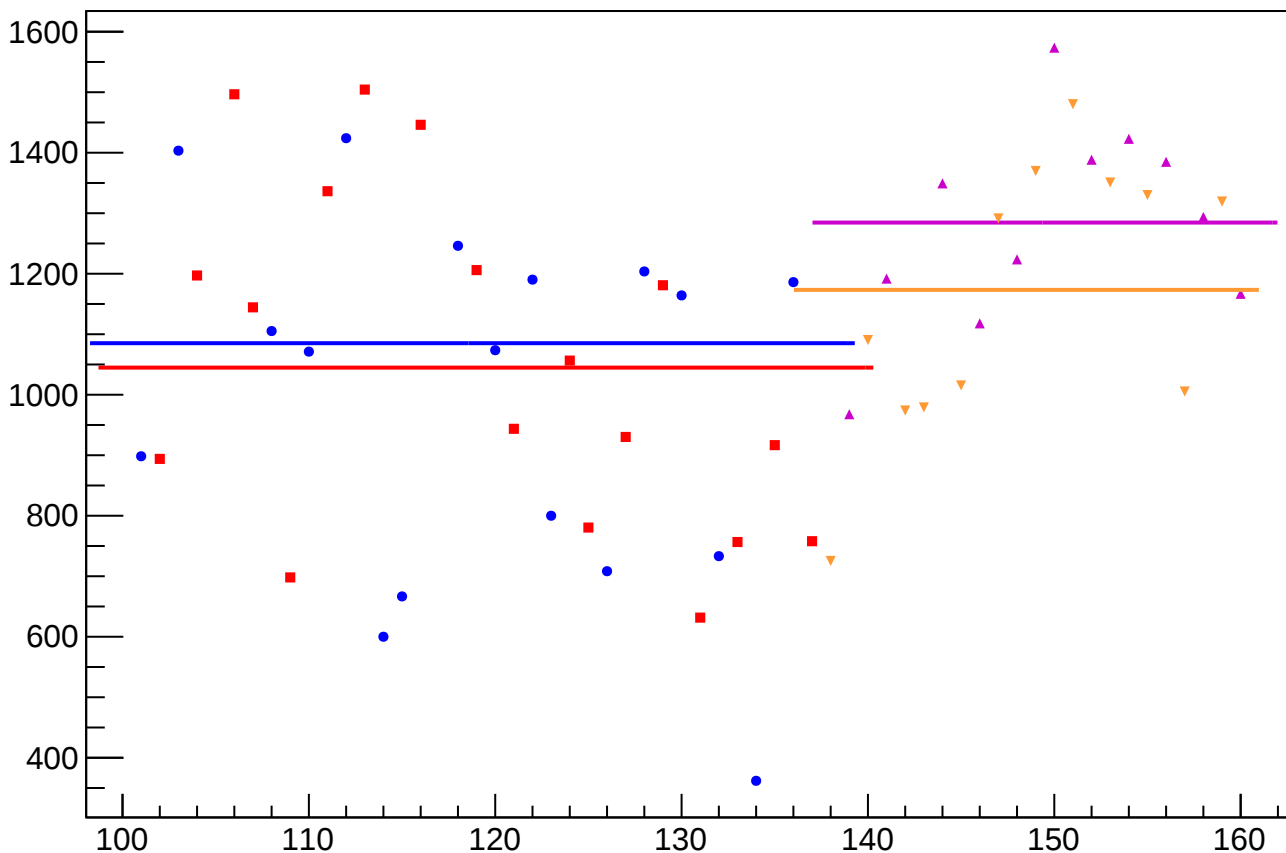
All: 102.556+/-0.000 χ^2/NDF : 931010048540

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 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

Left Out: 1173.287 $\pm$ 0.000 χ^2 /NDF: 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

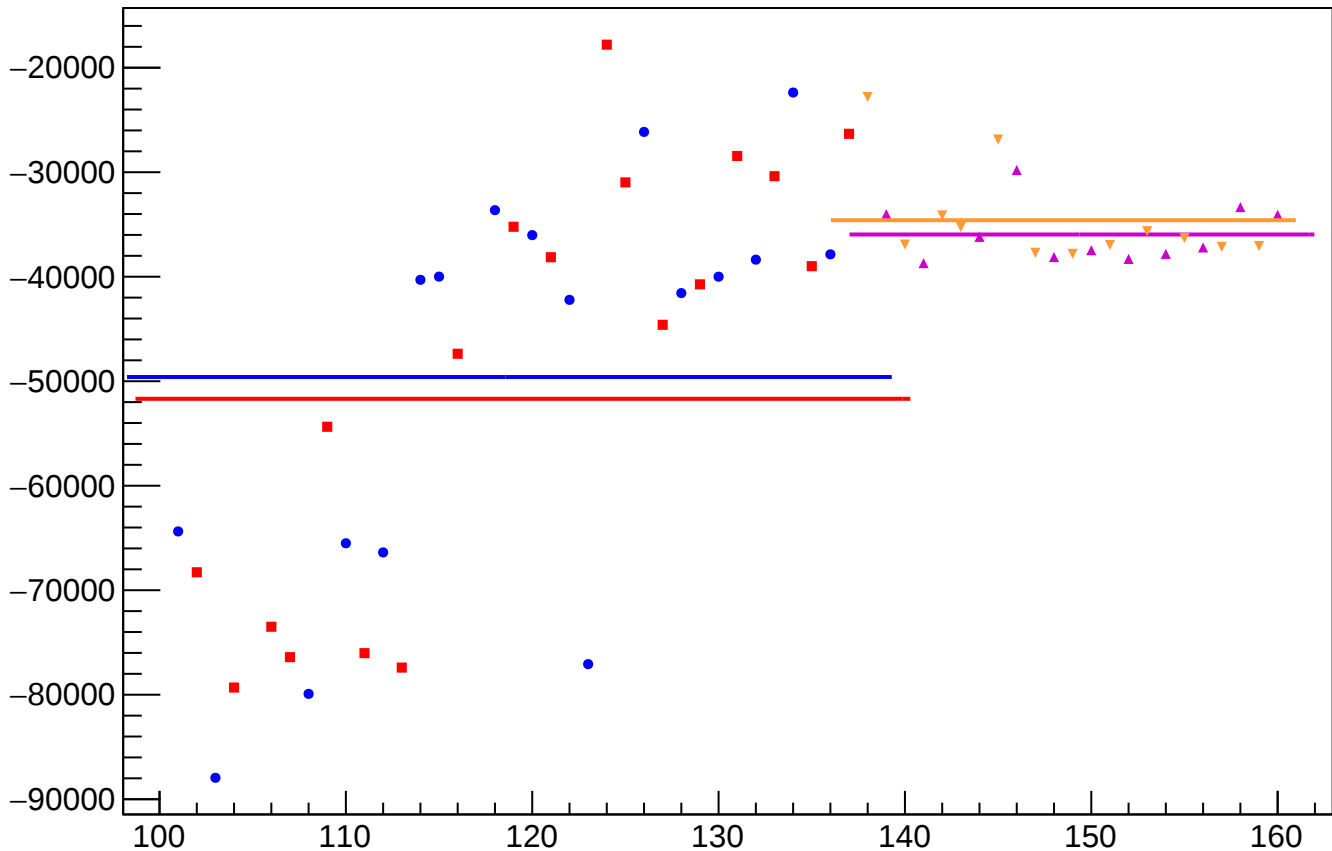
Left In: 1284.540 $\pm$ 0.000 χ^2 /NDF: 24056417049221053484728394918859374592.0/10

+ sign 1135.145 $\pm$ 0.000 χ^2 /NDF: 90197947125462

All: 1158.161 $\pm$ 0.000 χ^2 /NDF: 19003097965

- sign 1180.549 $\pm$ 0.000 χ^2 /NDF: 98157819433615

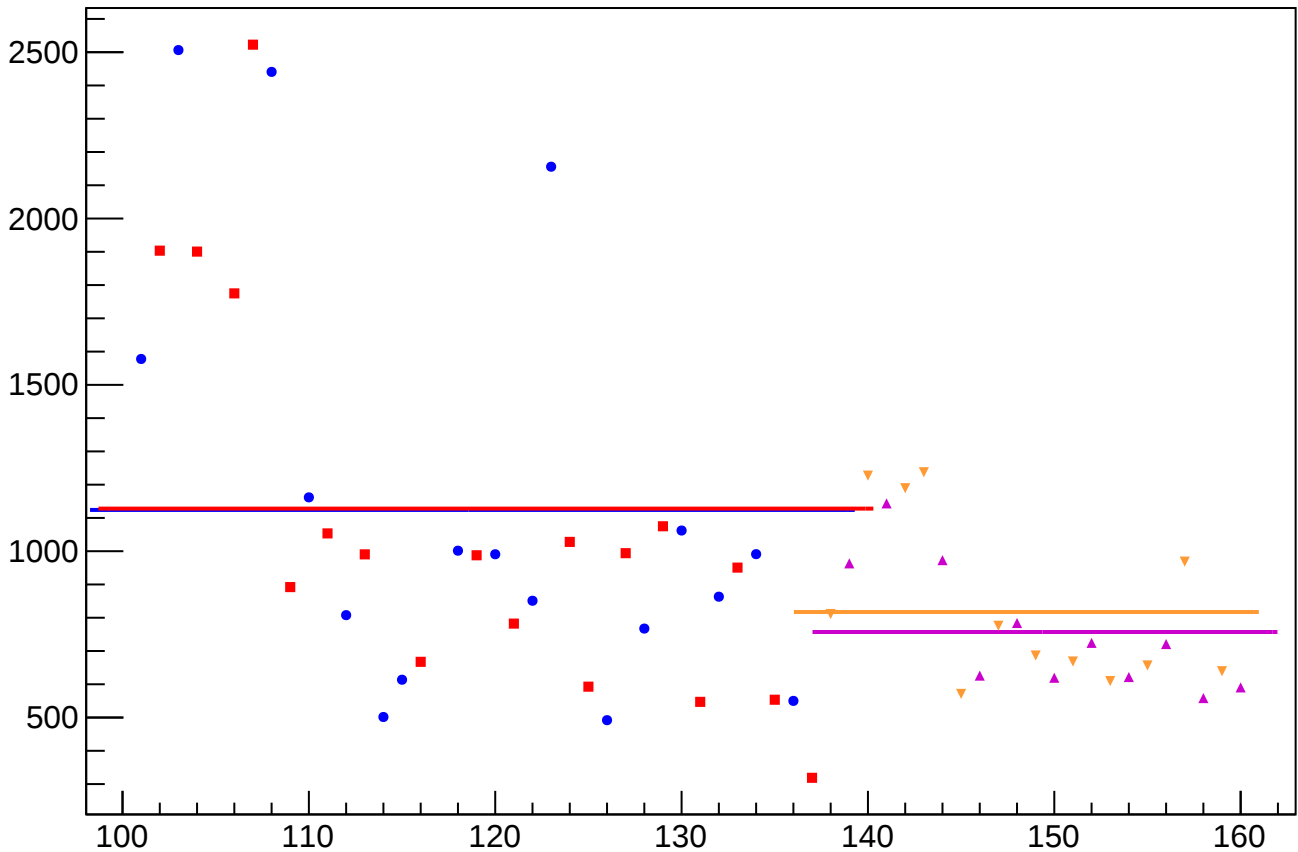
dit_sam2_coil4_mean vs Slug



Right In: -49596.405+/-0.000	χ^2/NDF : 248313182325102448289525934605791330828288.0/16
Left Out: -34593.901+/-0.000	χ^2/NDF : 19332238764834112124747040225536159776768.0/11
Right Out: -51680.980+/-0.000	χ^2/NDF : 268094403741805330481600683125097153691648.0/17
Left In: -35959.420+/-0.000	χ^2/NDF : 6460763561716039047552359643495482261504.0/10

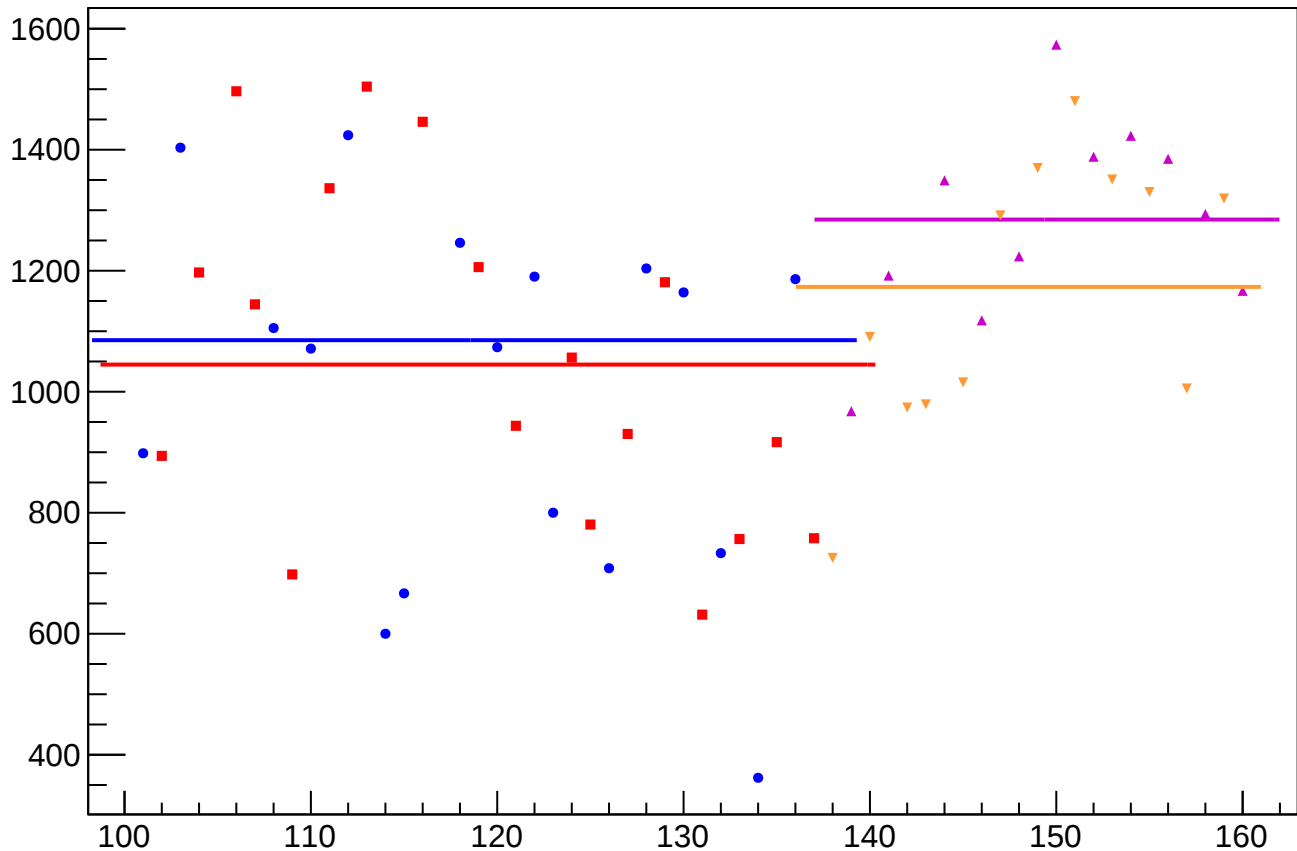
+ sign -41089.059+/-0.000 χ^2/NDF : 356221688672
 All: -41946.417+/-0.000 χ^2/NDF : 733152366
 - sign -42780.364+/-0.000 χ^2/NDF : 3746062422135

dit_sam2_coil4_err_mean vs Slug



Right In: 1124.063+/-0.000 χ^2/NDF : 267842110554403806997651522470490931200.0/16
 Left Out: 817.239+/-0.000 χ^2/NDF : 49942482269119198529888239758950268928.0/11
 Right Out: 1128.051+/-0.000 χ^2/NDF : 216680110329654752465971394746324615168.0/17
 Left In: 757.110+/-0.000 χ^2/NDF : 30838574623639063731513645765836668928.0/10

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

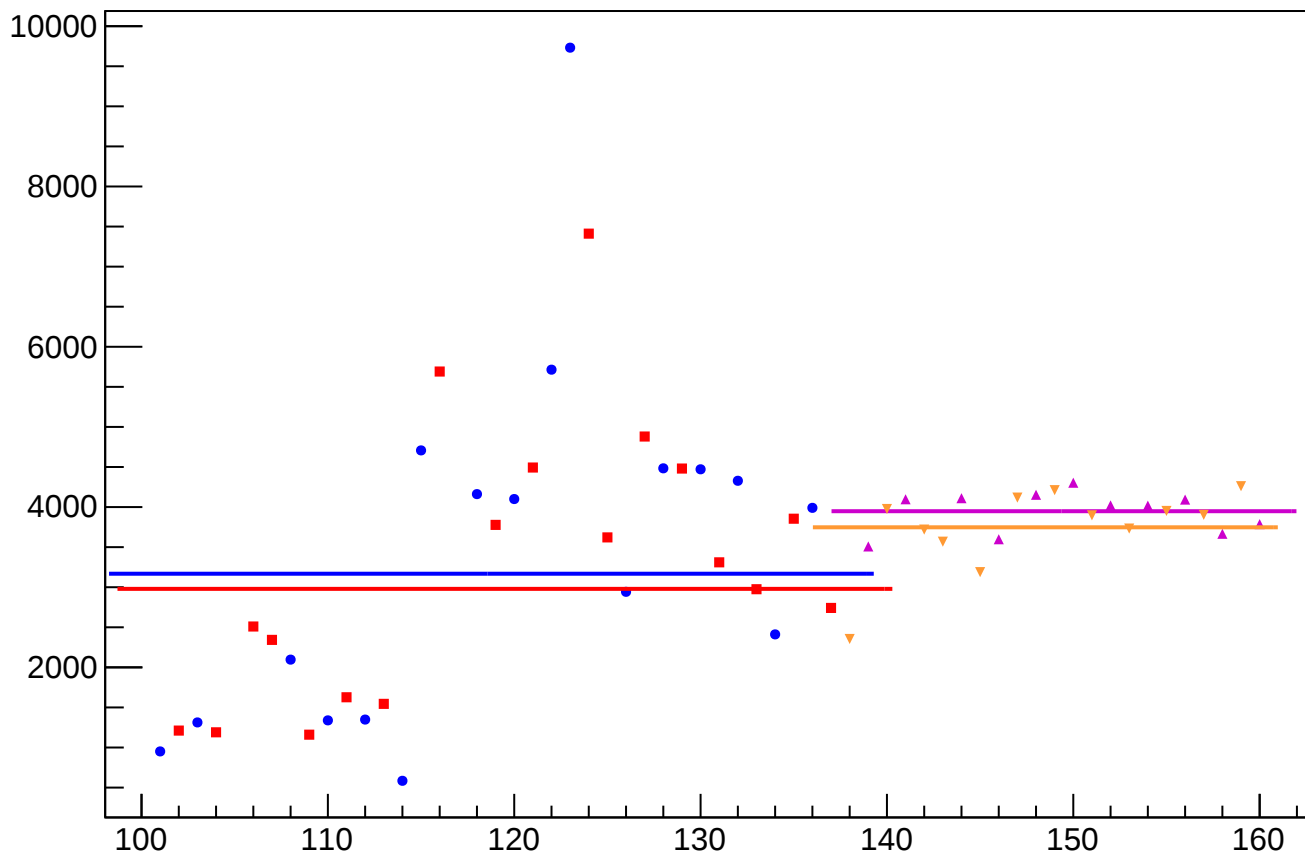
Left Out: 1173.287 $\pm$ 0.000 χ^2 /NDF: 42540290412411971649148526900629471232.0/11

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

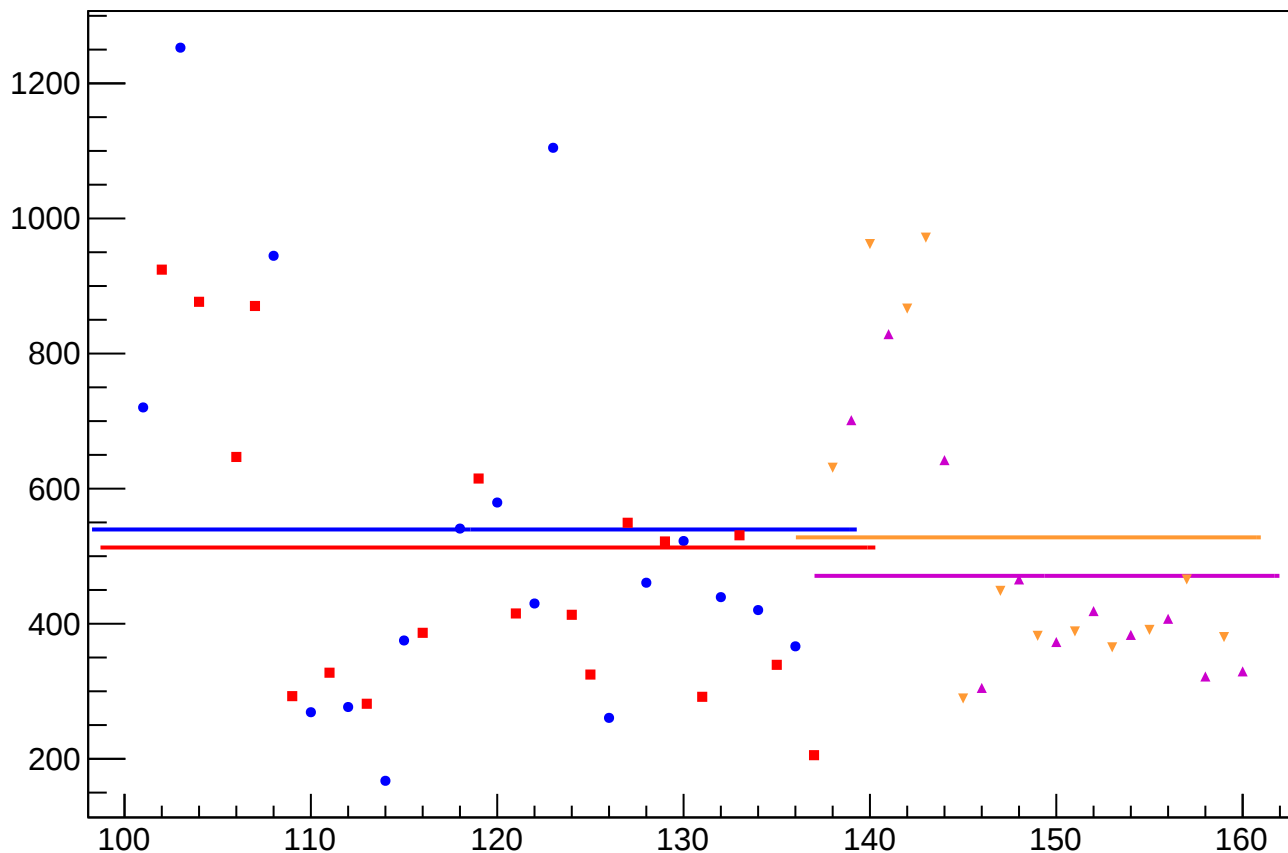
All: 1158.161 $\pm$ 0.000 χ^2 /NDF: 19003097965

dit_sam3_coil4_mean vs Slug



Right In: 3168.399+/-0.000 χ^2/NDF : 1758554525431486031573031760874625302528.0/16
 Left Out: 3747.596+/-0.000 χ^2/NDF : 238995509272824091169755194048479494144.0/11
 Right Out: 2979.505+/-0.000 χ^2/NDF : 1604891244832822830292138533265256480768.0/17
 Left In: 3948.419+/-0.000 χ^2/NDF : 56222692399509421042001989393274896384.0/10

dit_sam3_coil4_err_mean vs Slug



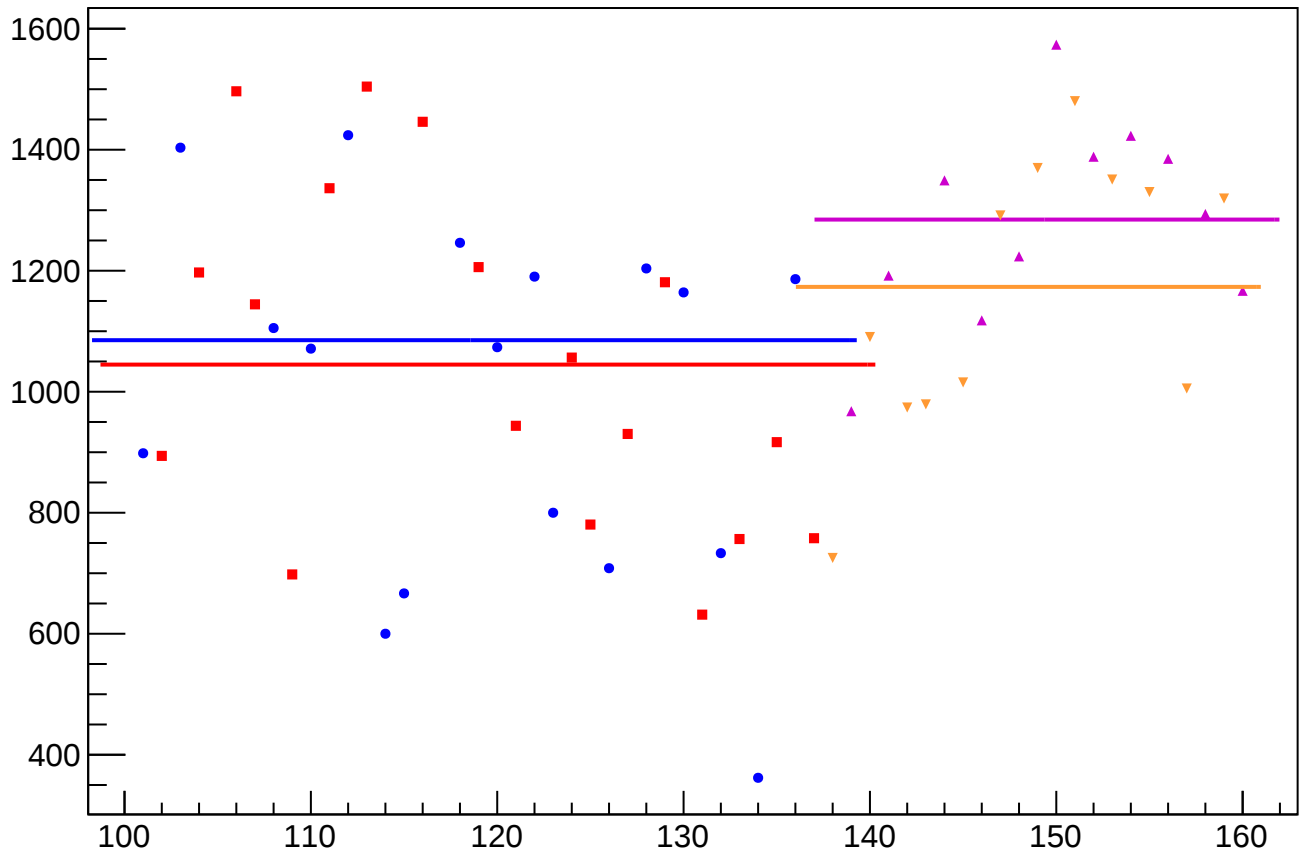
Right In: 539.553+/-0.000 χ^2/NDF : 54885482787684067638945528690813960192.0/16

Left Out: 527.872+/-0.000 χ^2/NDF : 48750144611720202302366636740746149888.0/11

Right Out: 512.868+/-0.000 χ^2/NDF : 36013592539821220444279901122721742848.0/17

Left In: 470.909+/-0.000 χ^2/NDF : 25659671763739065949342929962819125248.0/10

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

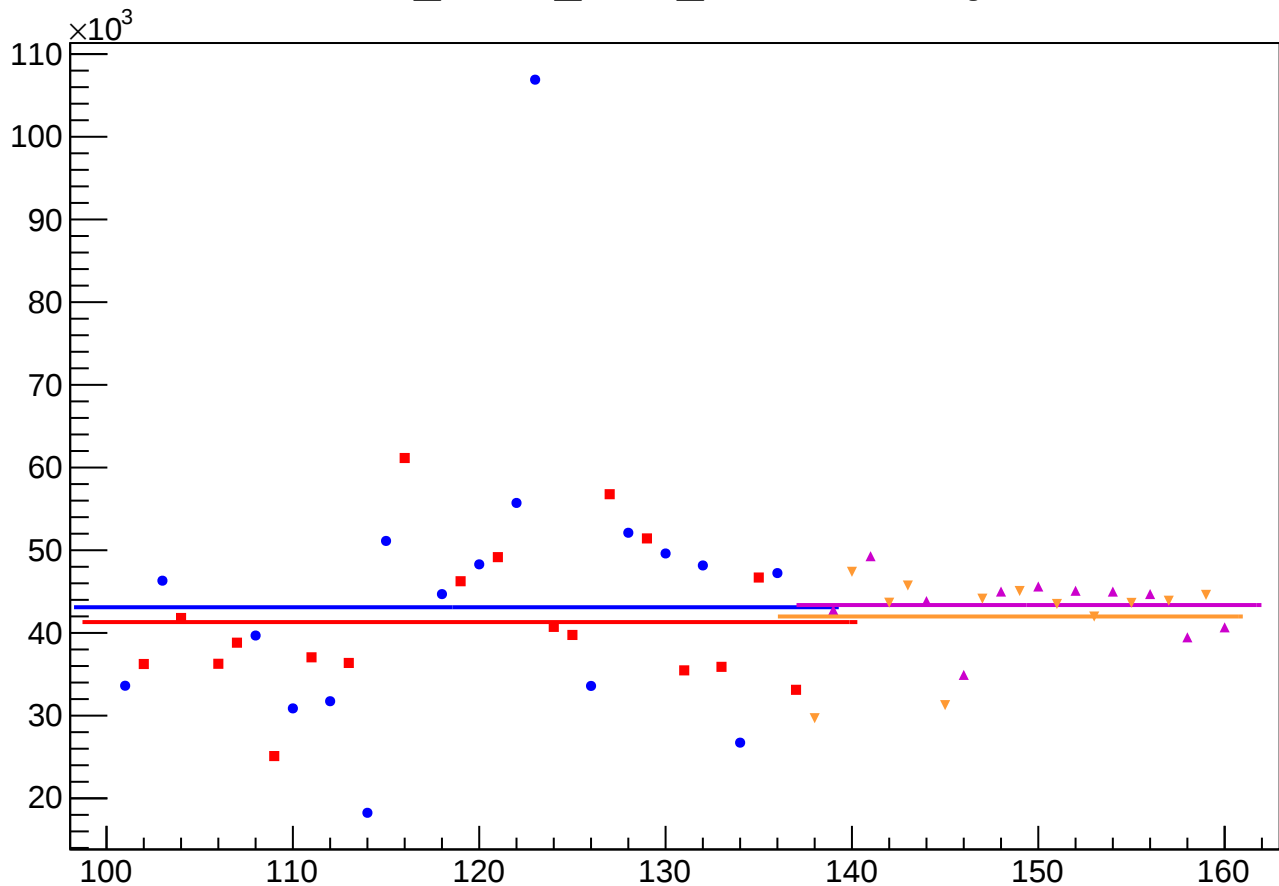
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

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

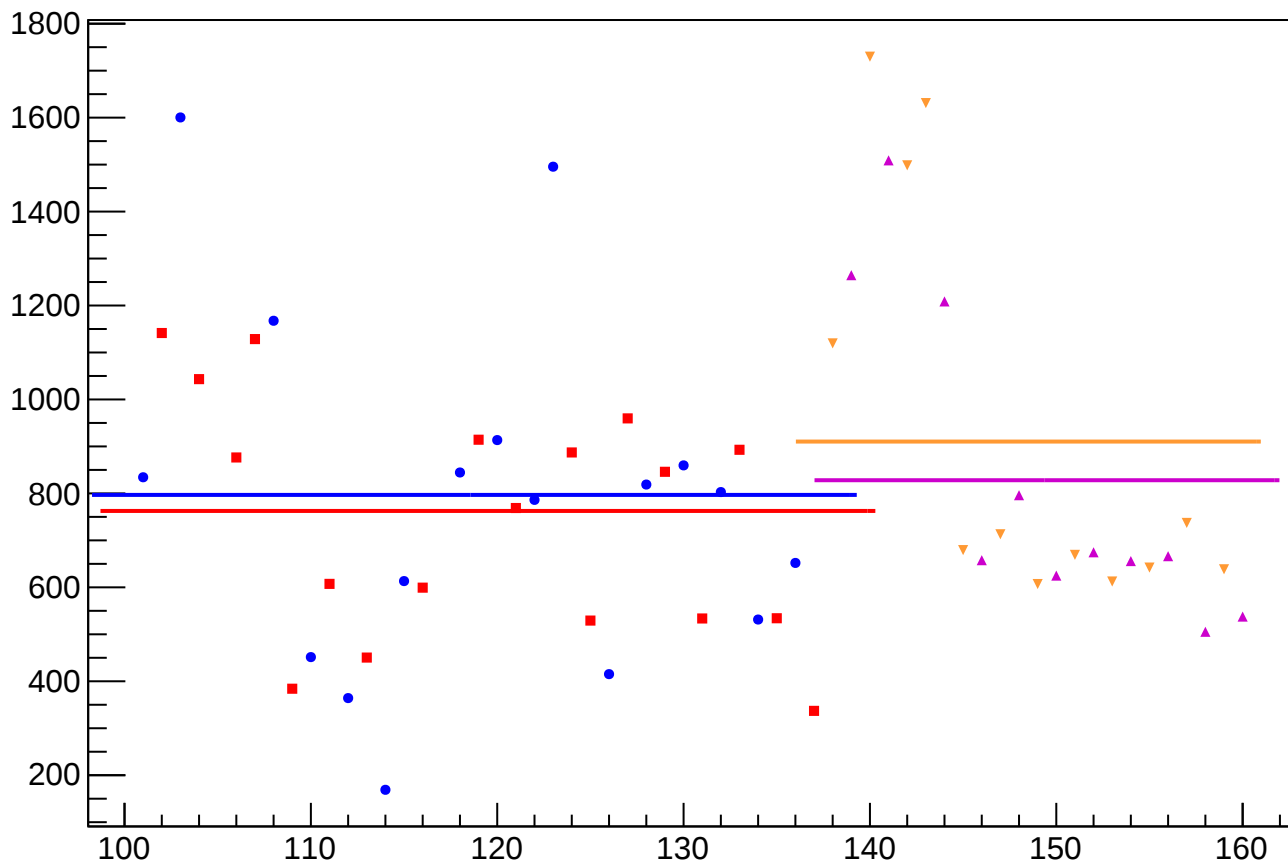
dit_sam4_coil4_mean vs Slug



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

+ 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

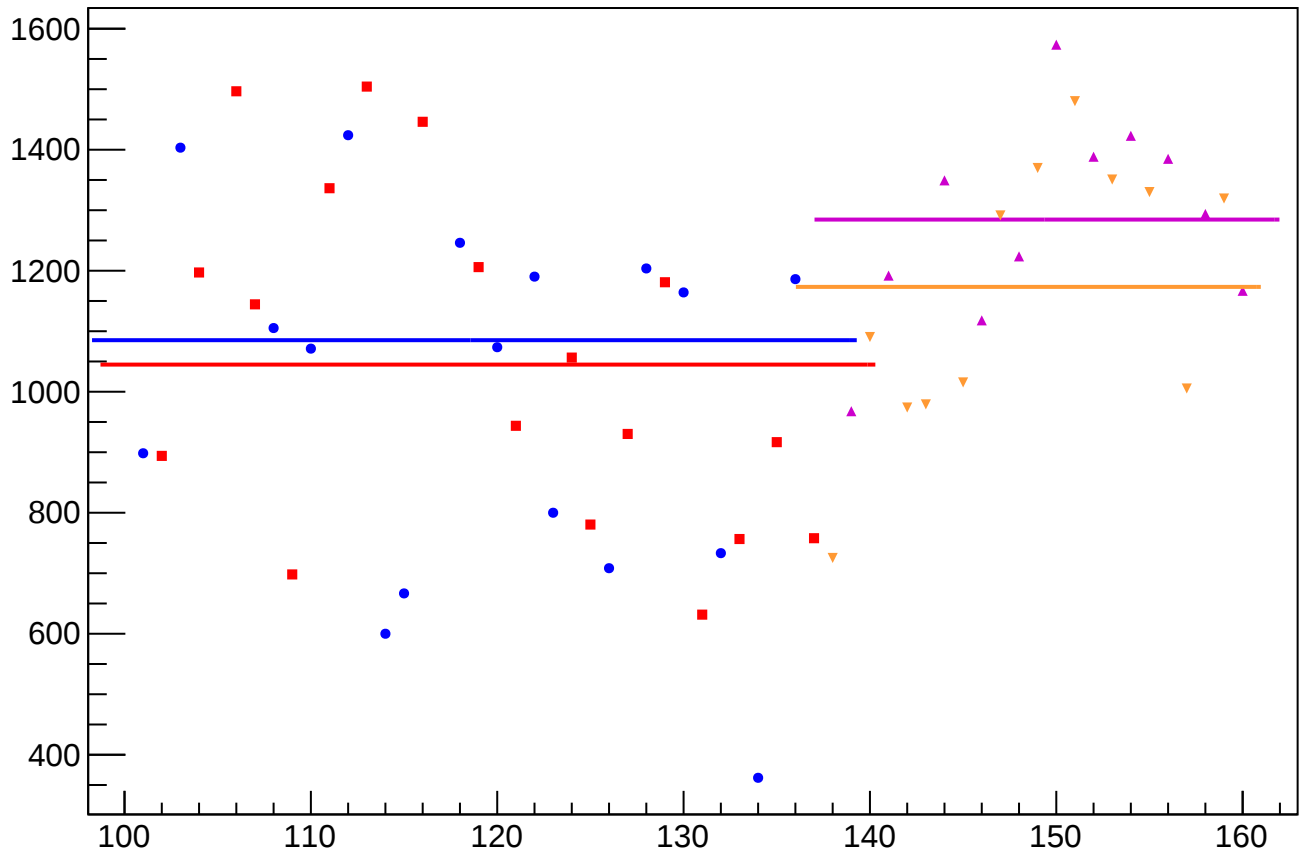
Left In: 828.047 $\pm$ 0.000 χ^2 /NDF: 96201297506087070099989263222619242496.0/10

+ 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

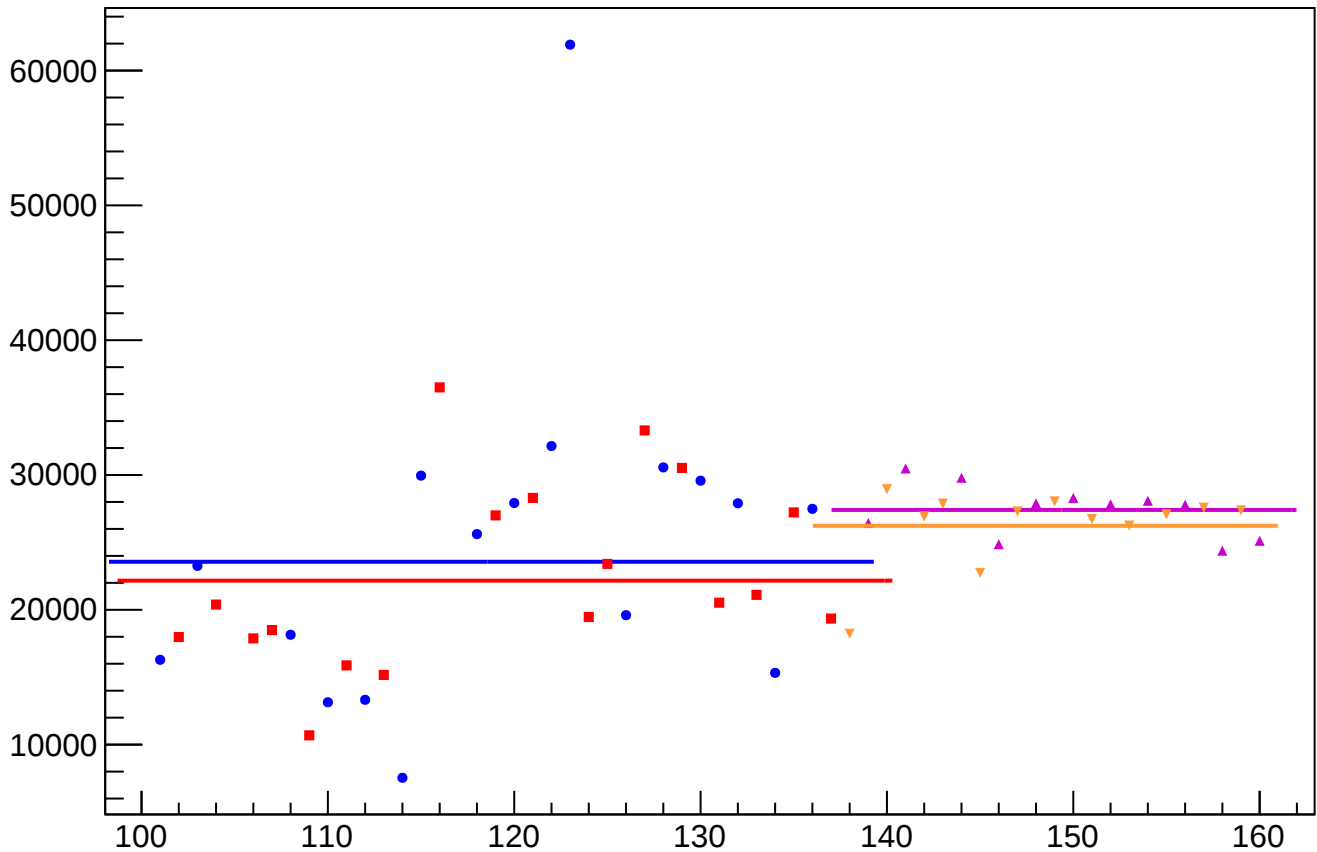
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

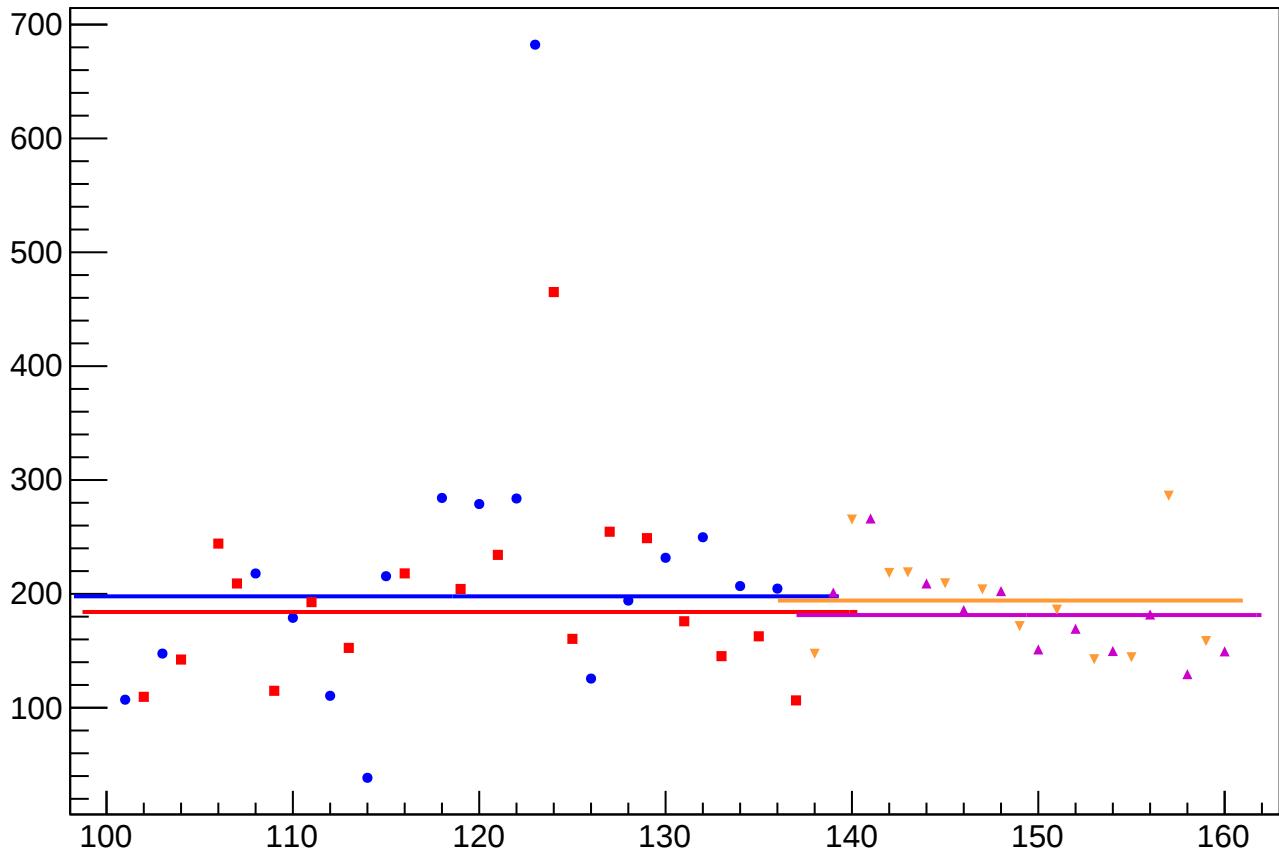
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam5_coil4_mean vs Slug



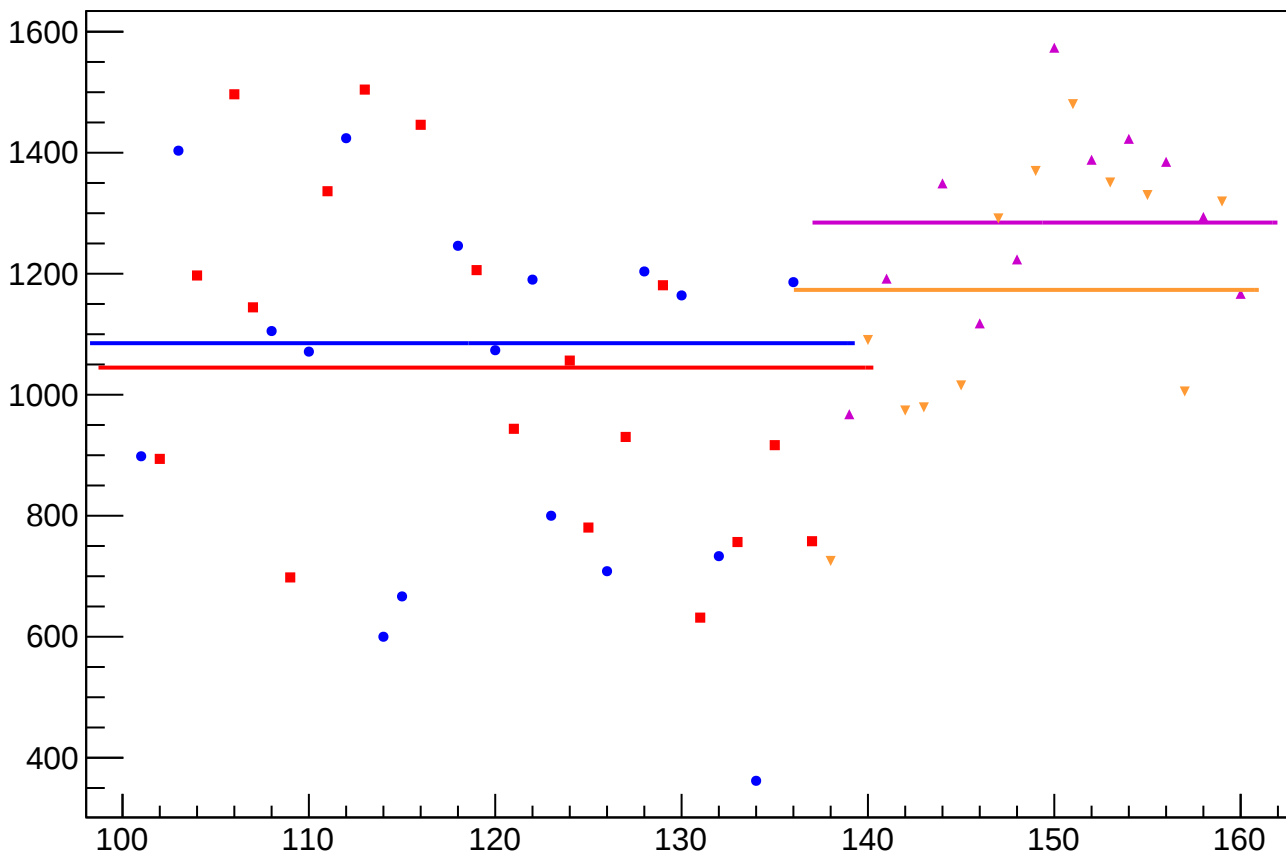
Right In: 23563.217 $\pm$ 0.000 χ^2 /NDF: 35385807137271018817625418232540839280640.0/16
 Left Out: 26232.941 $\pm$ 0.000 χ^2 /NDF: 7436306383754098156934386282018195374080.0/11
 Right Out: 22162.506 $\pm$ 0.000 χ^2 /NDF: 30926817479017578857864317291139006726144.0/17
 Left In: 27409.308 $\pm$ 0.000 χ^2 /NDF: 3260068033865796960082272162296933384192.0/10

dit_sam5_coil4_err_mean vs Slug



Right In: 197.841 $\pm$ 0.000 χ^2/NDF : 3601849103427594359827693165900464128.0/16
 Left Out: 194.146 $\pm$ 0.000 χ^2/NDF : 1879017279218446114091371157486829568.0/11
 Right Out: 184.108 $\pm$ 0.000 χ^2/NDF : 2706165724913072523706132651898306560.0/17
 Left In: 181.409 $\pm$ 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

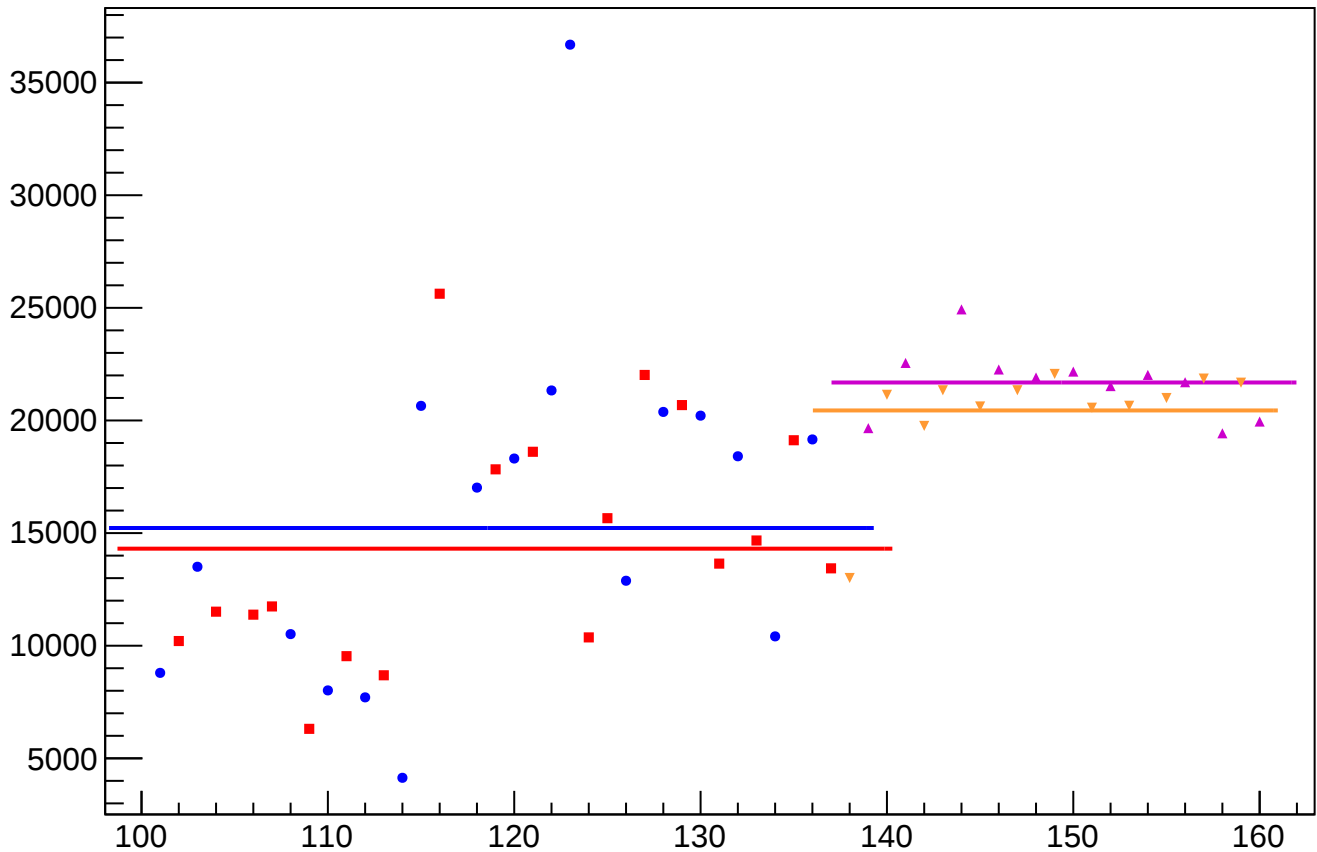
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

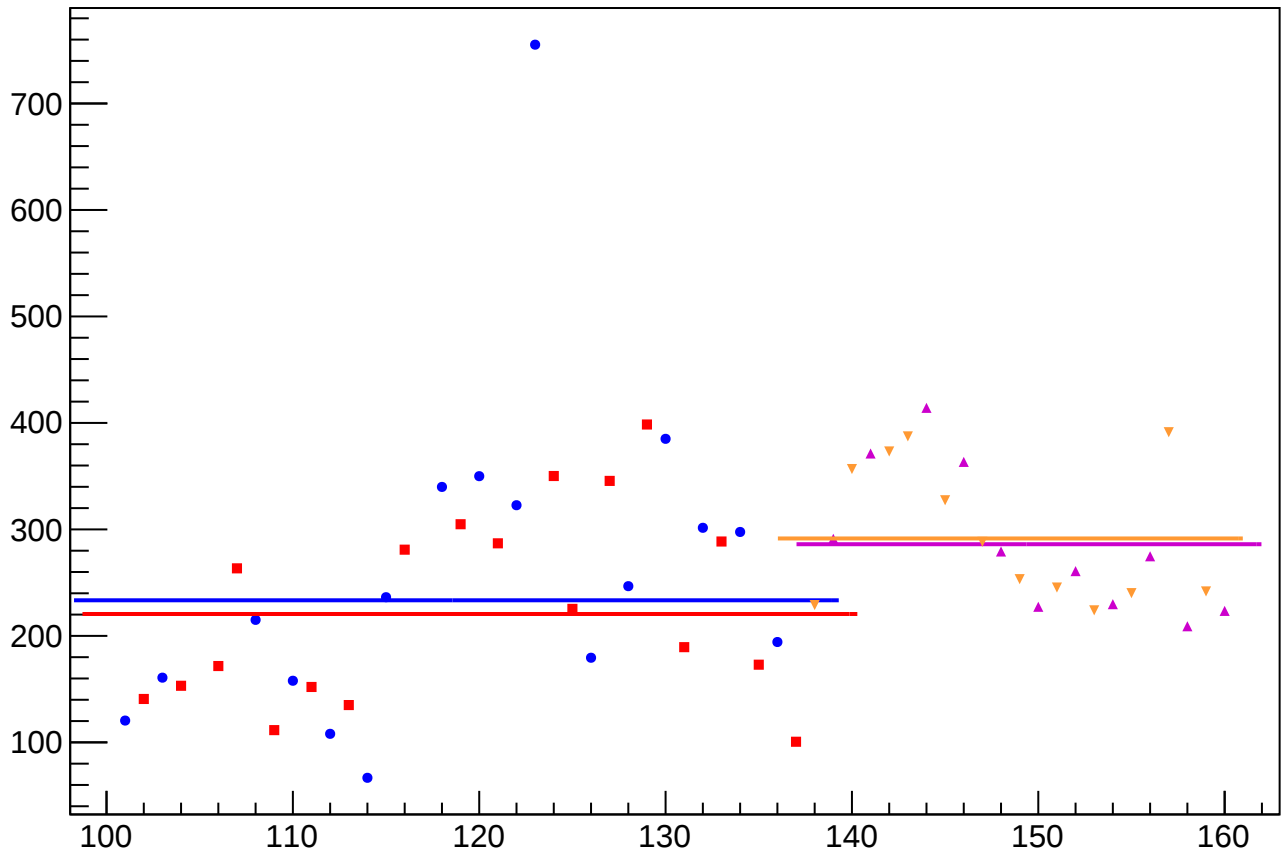
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam6_coil4_mean vs Slug



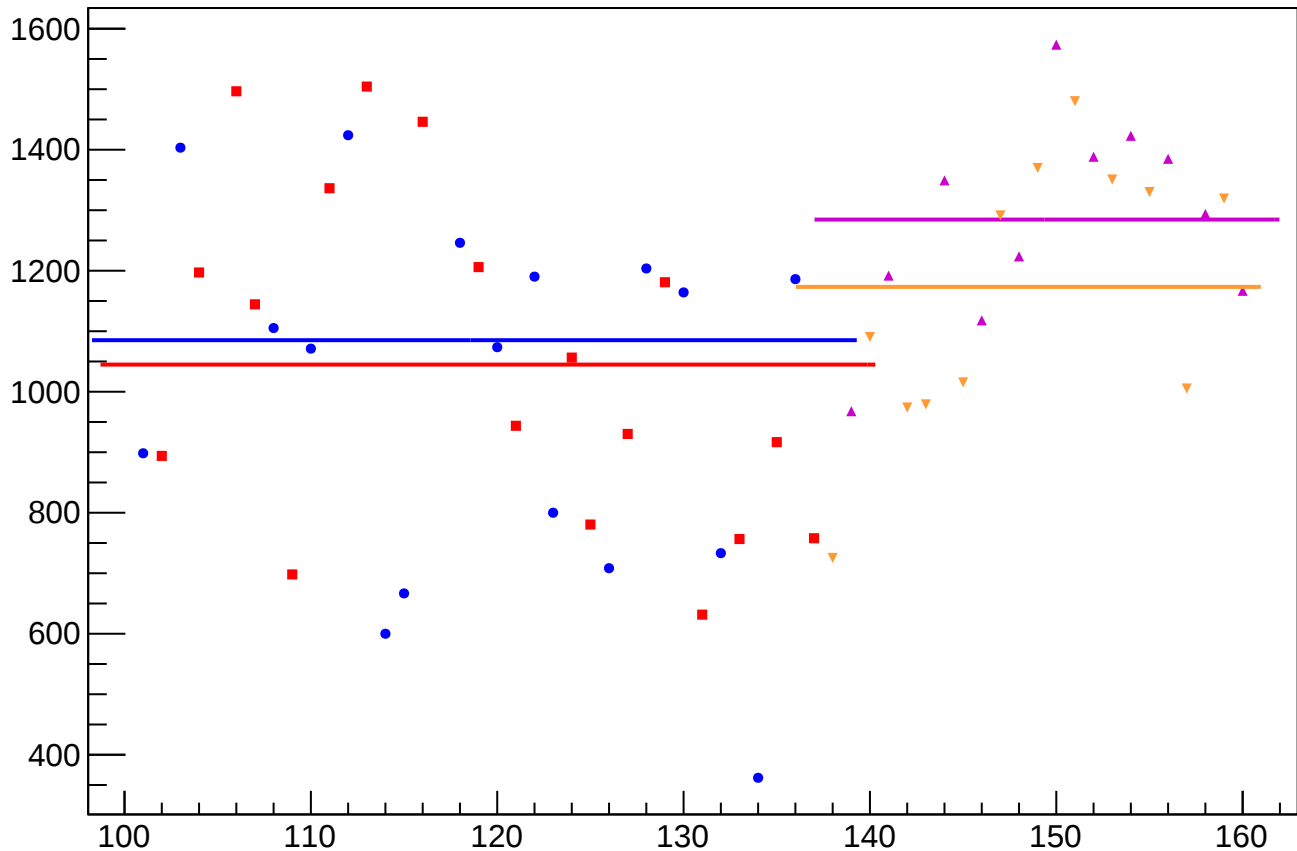
Right In: 15226.152+/-0.000 χ^2/NDF : 19033981883616318675707973818231845552128.0/16
 Left Out: 20444.904+/-0.000 χ^2/NDF : 5015541788113107499549833018825777348608.0/11
 Right Out: 14308.618+/-0.000 χ^2/NDF : 17986620092143727991108175714996656799744.0/17
 Left In: 21685.940+/-0.000 χ^2/NDF : 2061414370106068569162415723838611390464.0/10

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

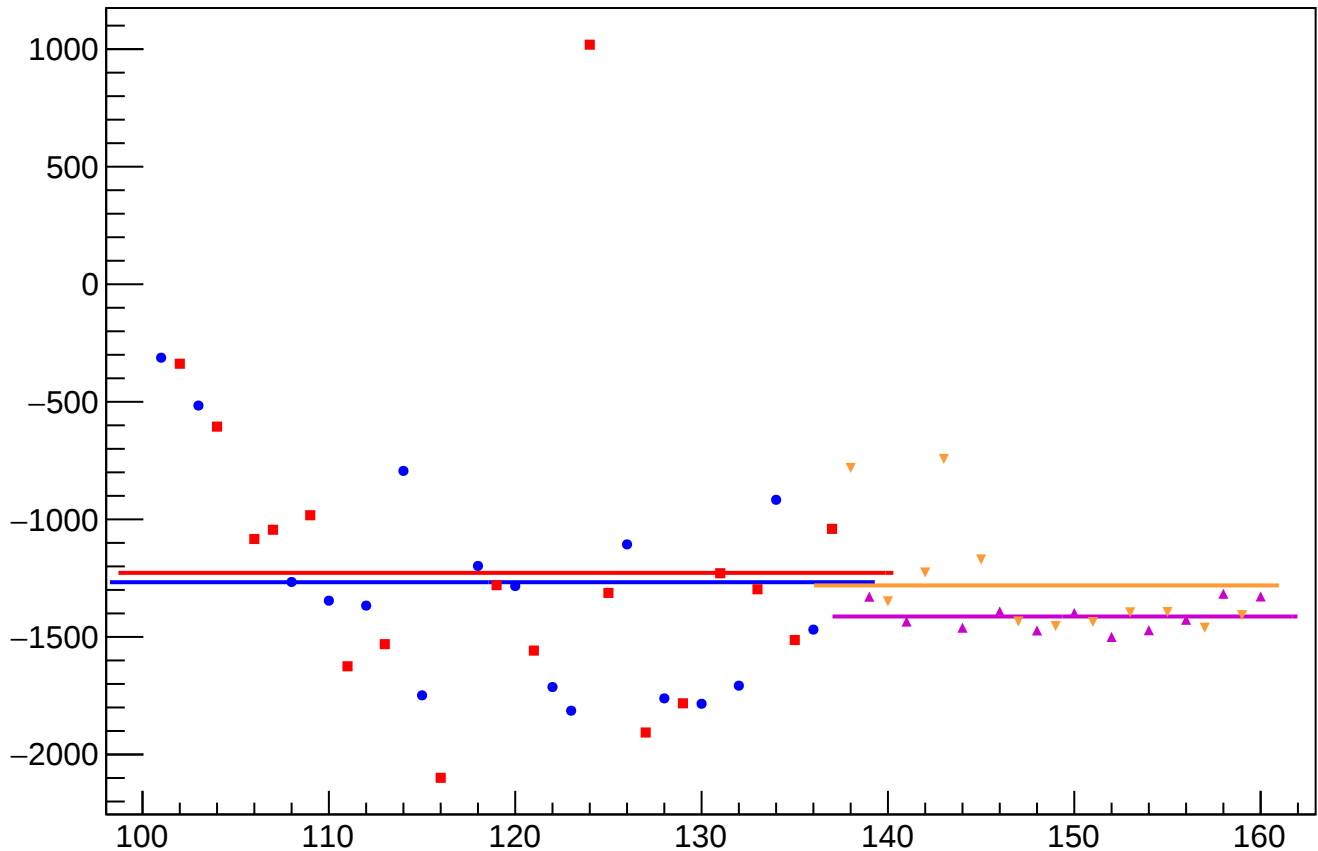
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

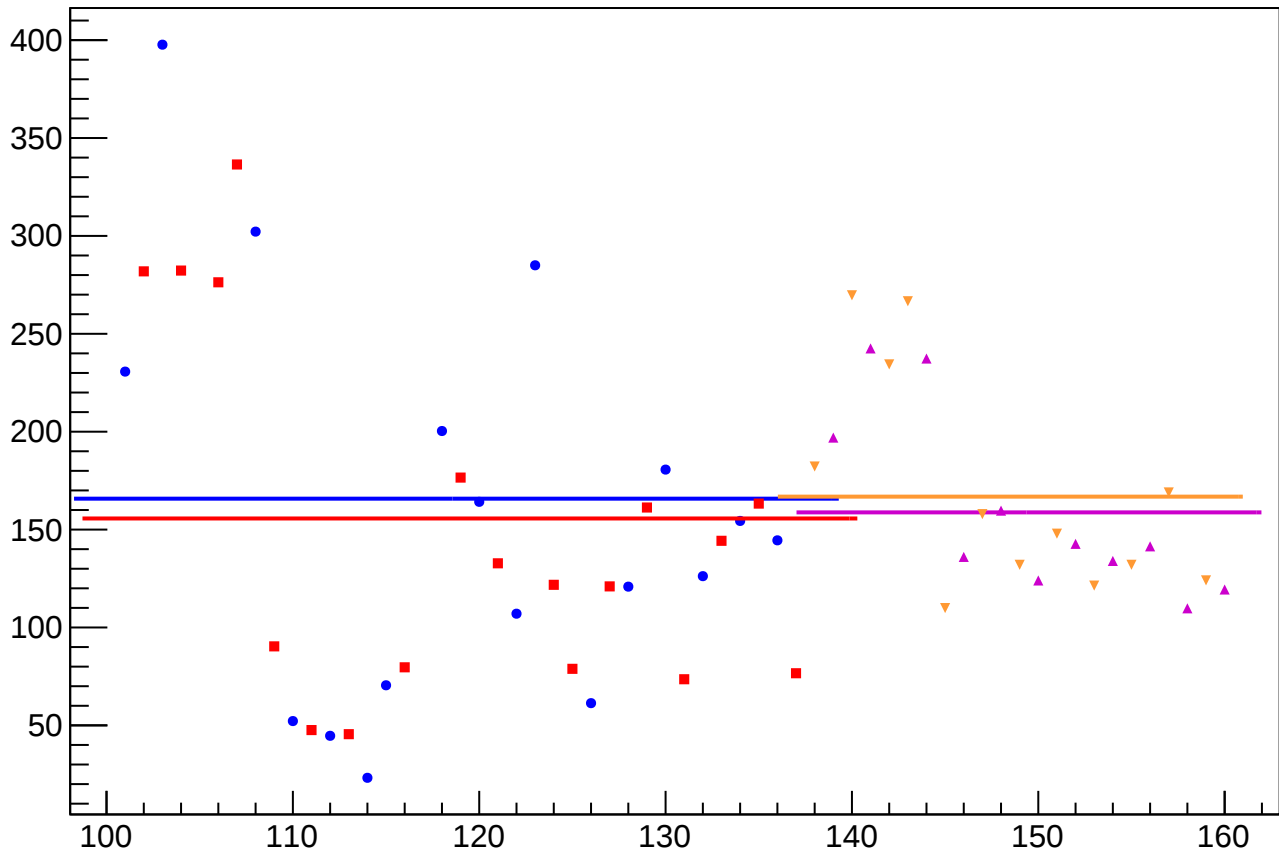
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

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

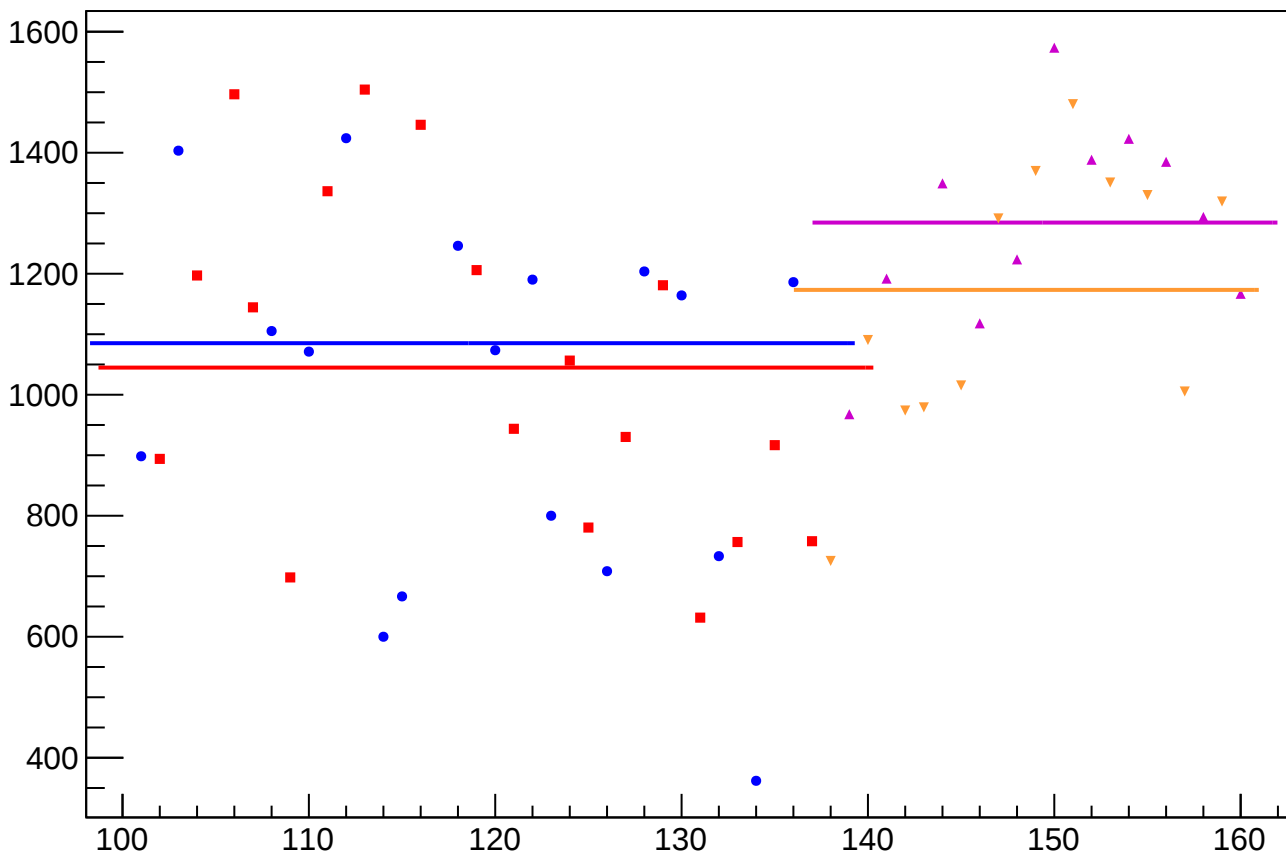
dit_sam7_coil4_err_mean vs Slug



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

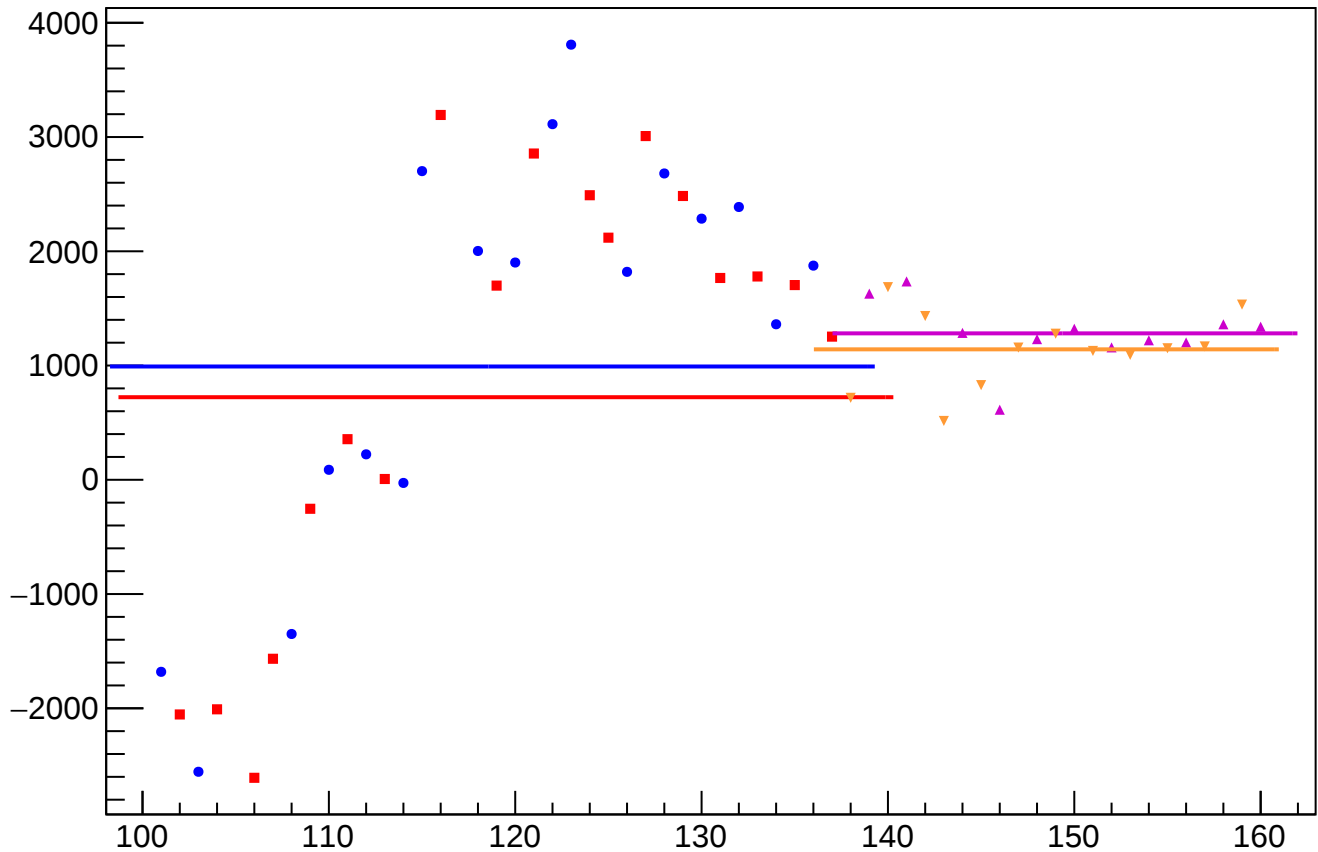
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

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

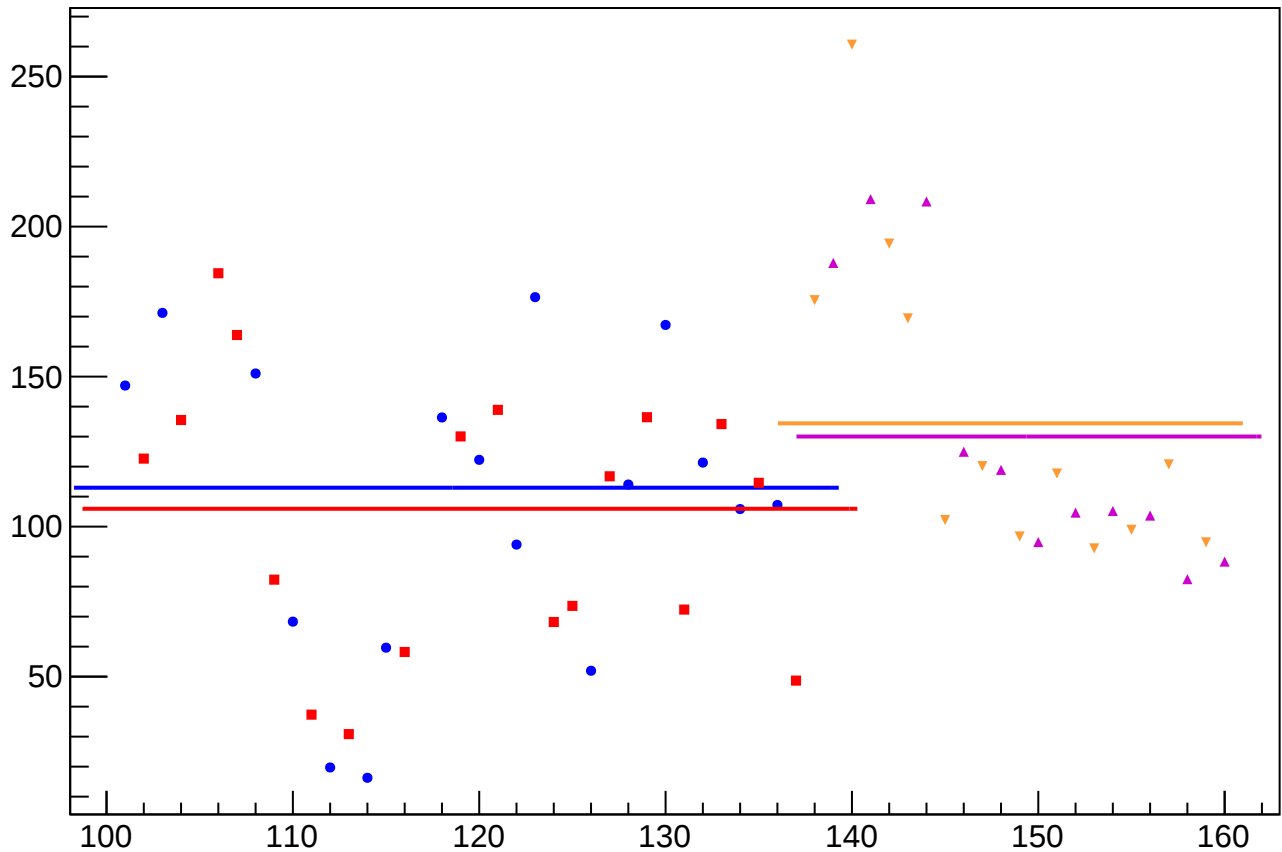
dit_sam8_coil4_mean vs Slug



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

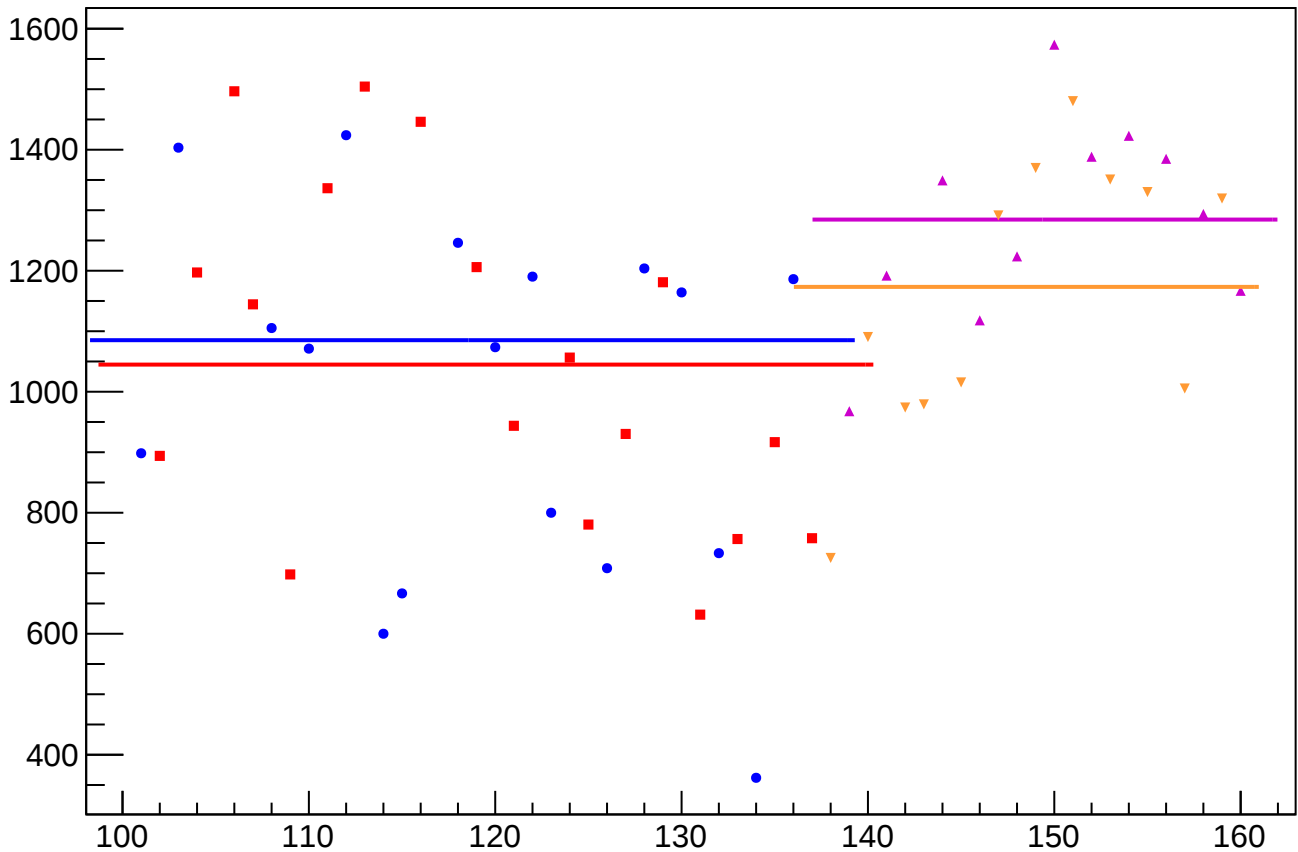
+ sign 1076.771+/-0.000 χ^2/NDF : 22957638189544
 All: 1057.729+/-0.000 χ^2/NDF : 49212801436
 - sign 1039.207+/-0.000 χ^2/NDF : 26243697122879

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



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

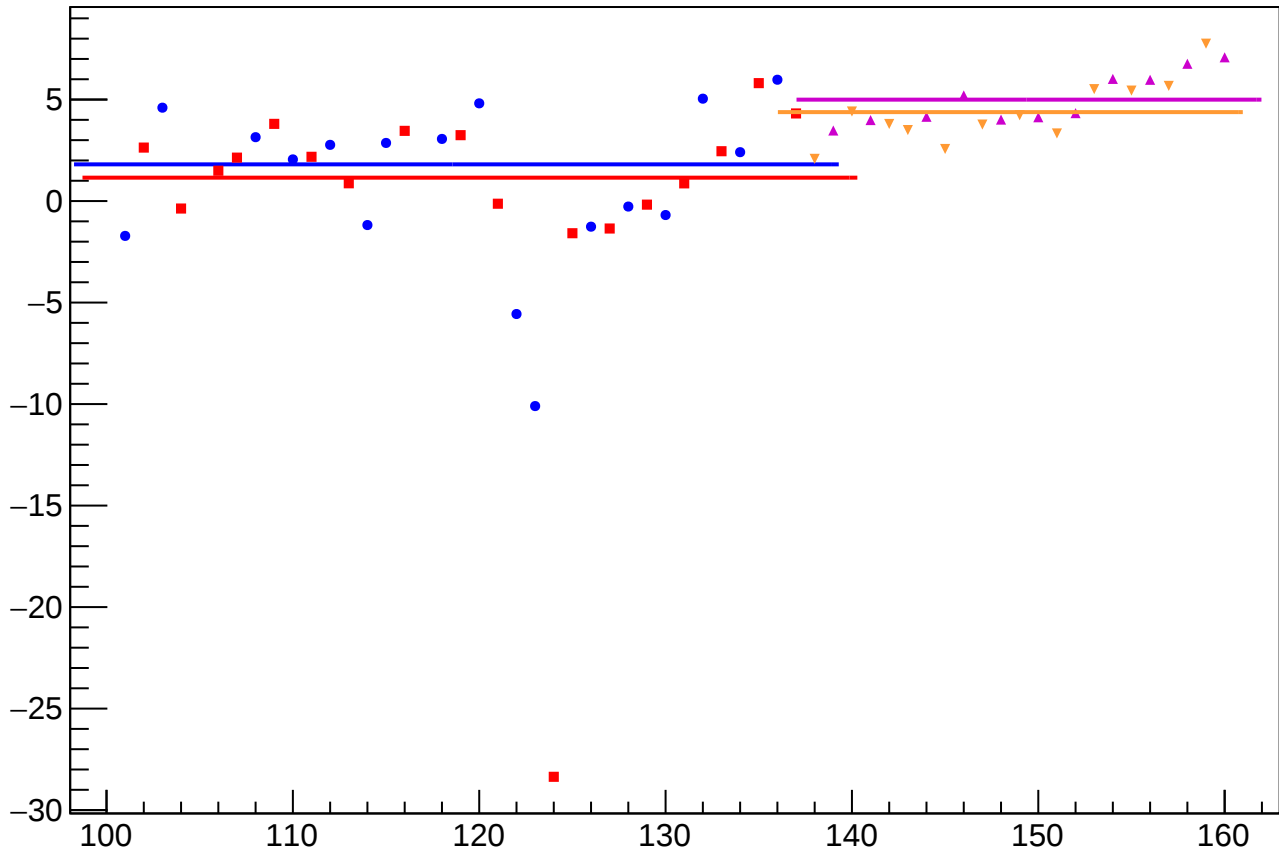
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

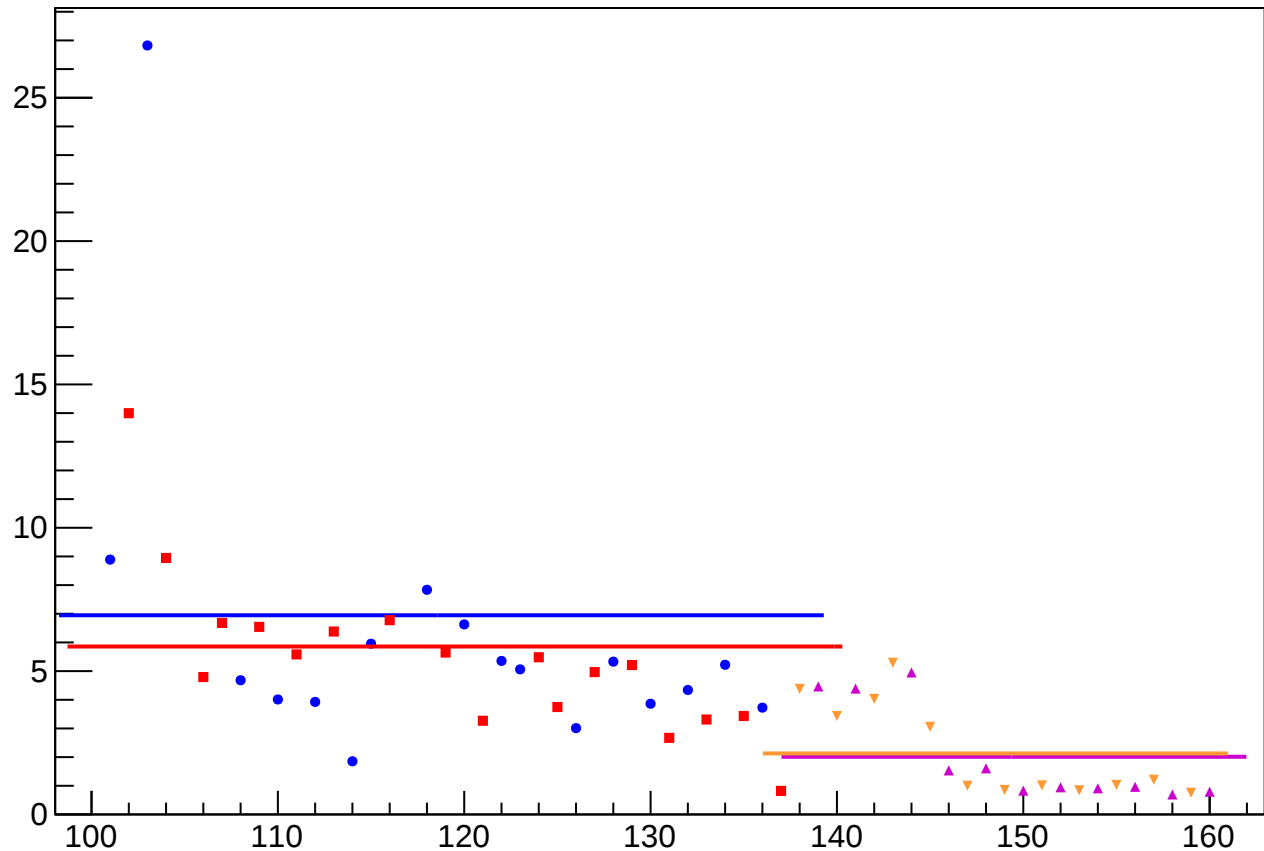
dit_4aX_coil6_mean vs Slug



Right In: 1.808+/-0.000	χ^2/NDF : 7527409924358699638476786257362944.0/16
Left Out: 4.381+/-0.000	χ^2/NDF : 20864436713115253252222433361920.0/11
Right Out: 1.152+/-0.000	χ^2/NDF : 15220659080427743810069153064157184.0/17
Left In: 4.995+/-0.000	χ^2/NDF : 1311384685098121552827321556140032.0/10

+ sign 3.267+/-0.000 χ^2/NDF : 12219213675527830
 All: 3.298+/-0.000 χ^2/NDF : 3473162635414
 - sign 3.328+/-0.000 χ^2/NDF : 22509376650235287

dit_4aX_coil6_err_mean vs Slug



Right In: 6.948 $\pm$ 0.000 χ^2 /NDF: 27500472377838631302114625925939200.0/16

Left Out: 2.128 $\pm$ 0.000 χ^2 /NDF: 2219193645273984606349154335064064.0/11

Right Out: 5.858 $\pm$ 0.000 χ^2 /NDF: 6347530911749266996807271930920960.0/17

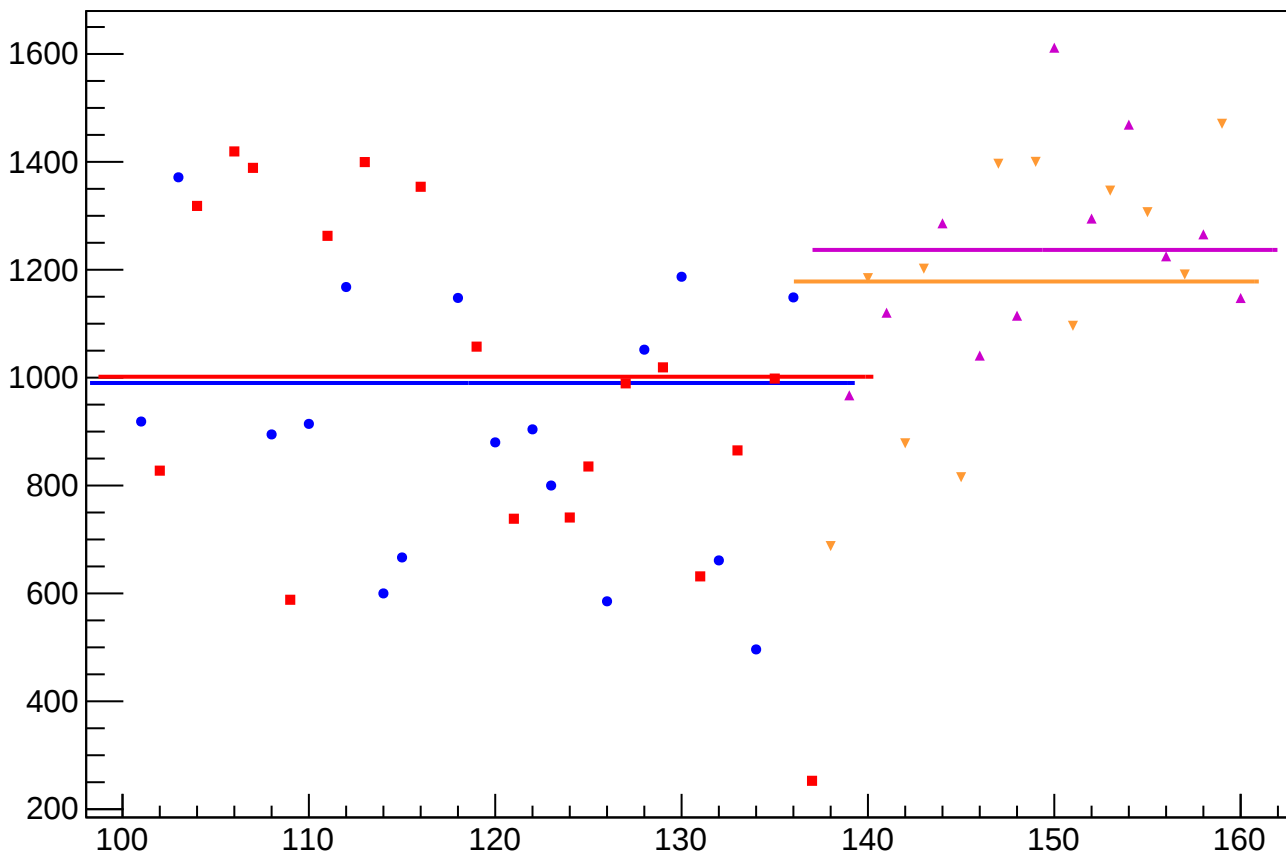
Left In: 2.012 $\pm$ 0.000 χ^2 /NDF: 2455587486650389464574895818014720.0/10

+ sign 4.215 $\pm$ 0.000 χ^2 /NDF: 38864332153290414

All: 3.944 $\pm$ 0.000 χ^2 /NDF: 53886447935405

- sign 3.681 $\pm$ 0.000 χ^2 /NDF: 14790472996884092

dit_4aX_coil6_Ndata_mean vs Slug



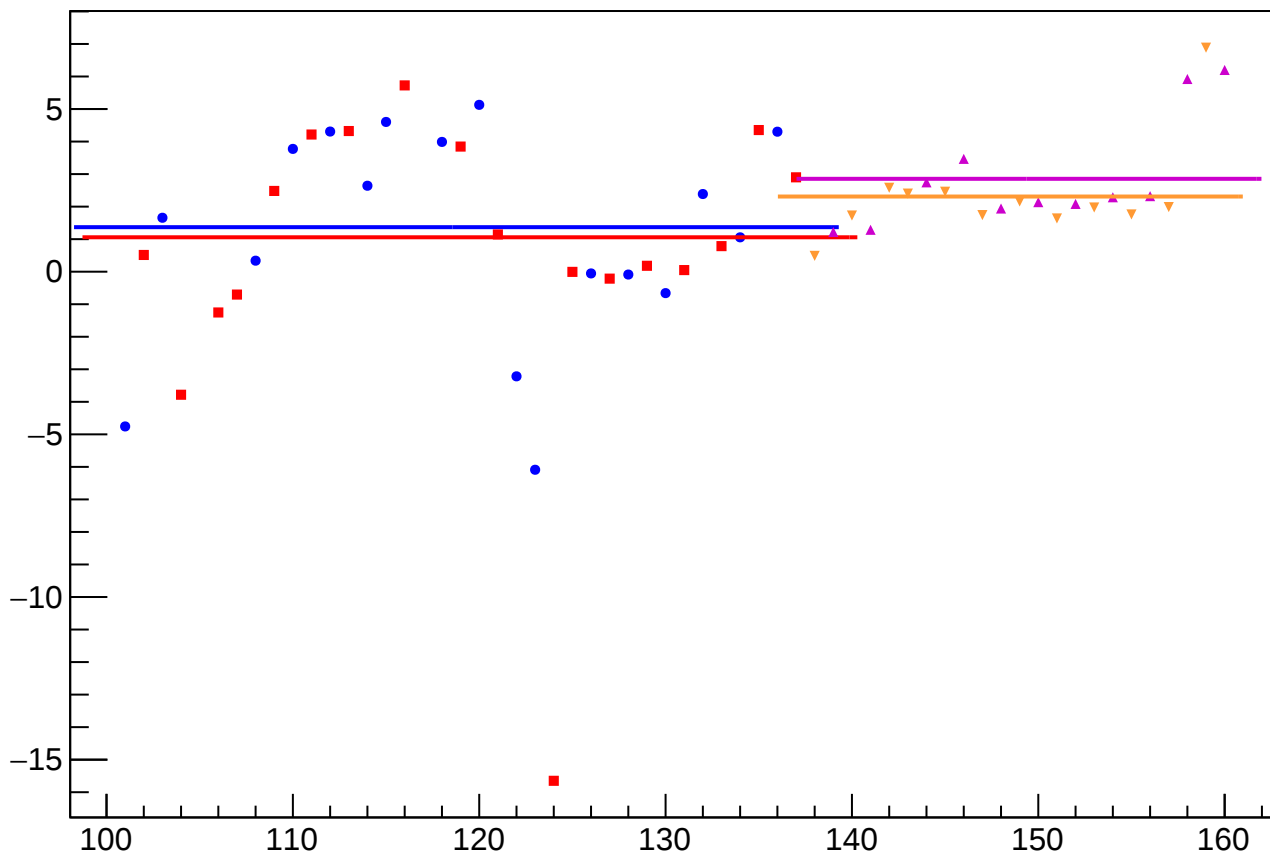
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

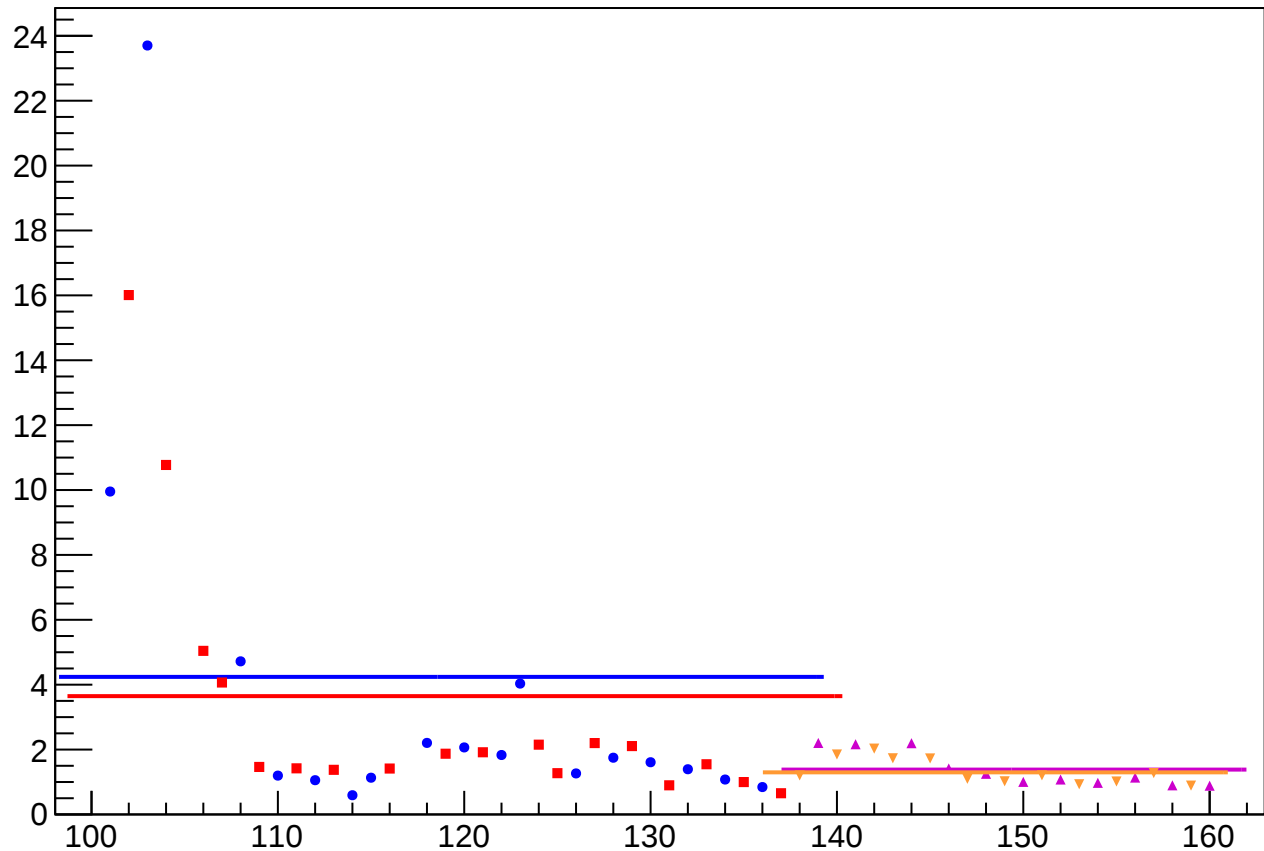
Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_4eX_coil6_mean vs Slug

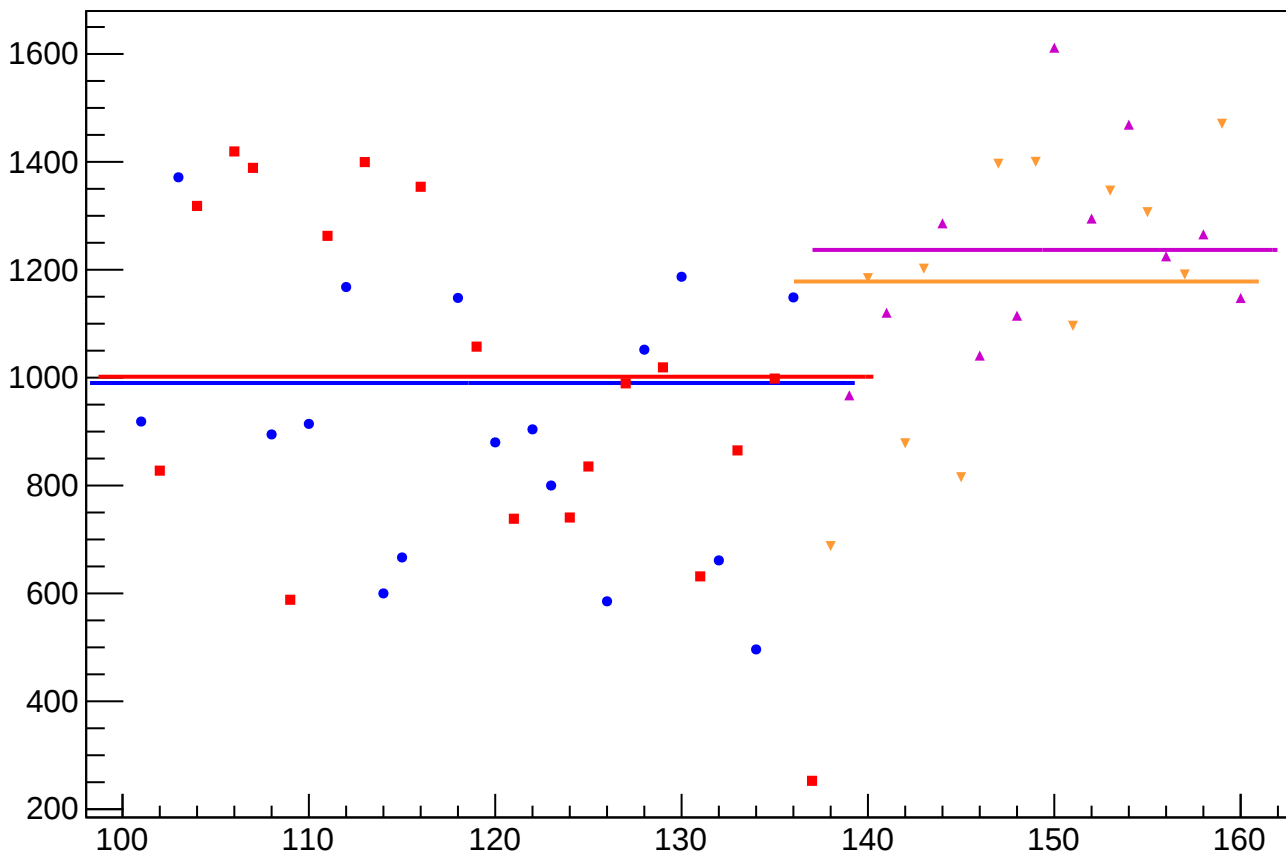


dit_4eX_coil6_err_mean vs Slug



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



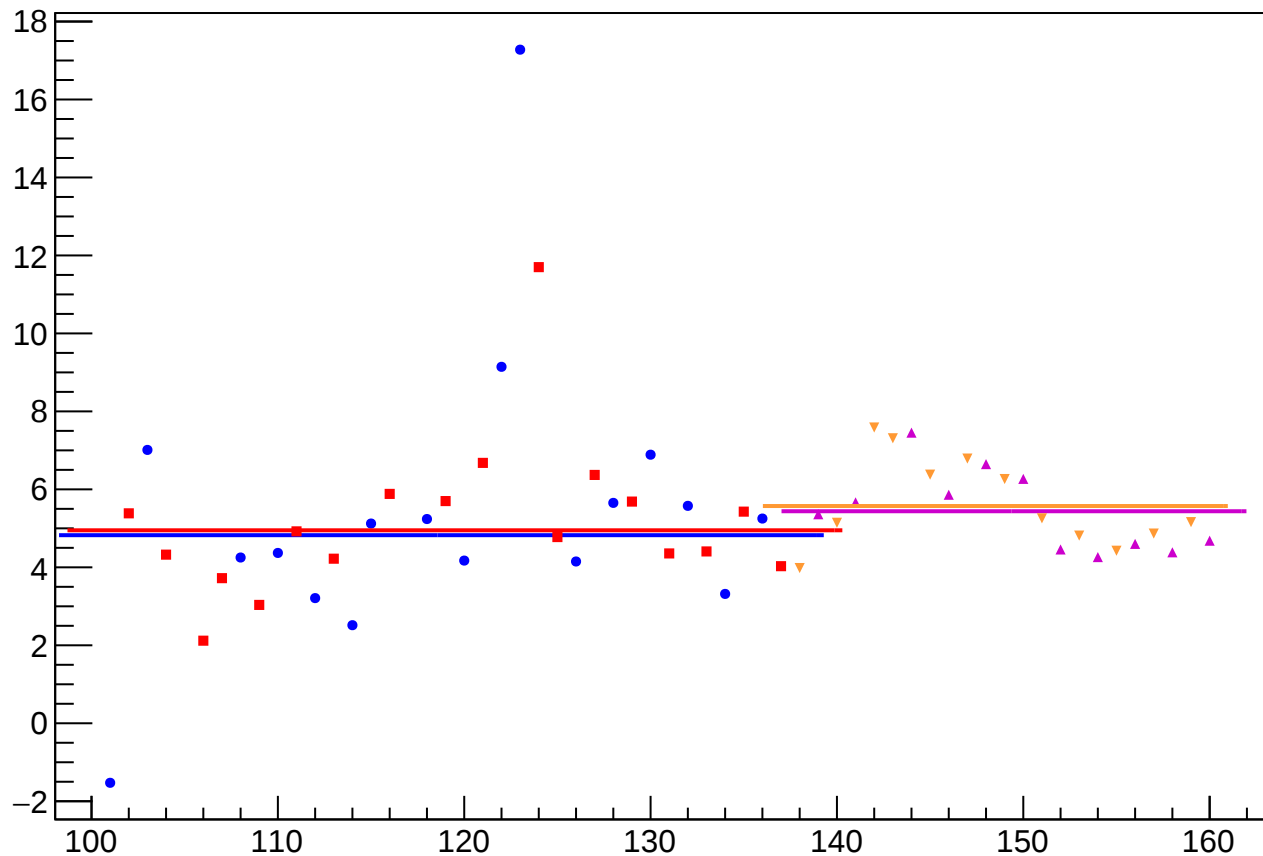
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

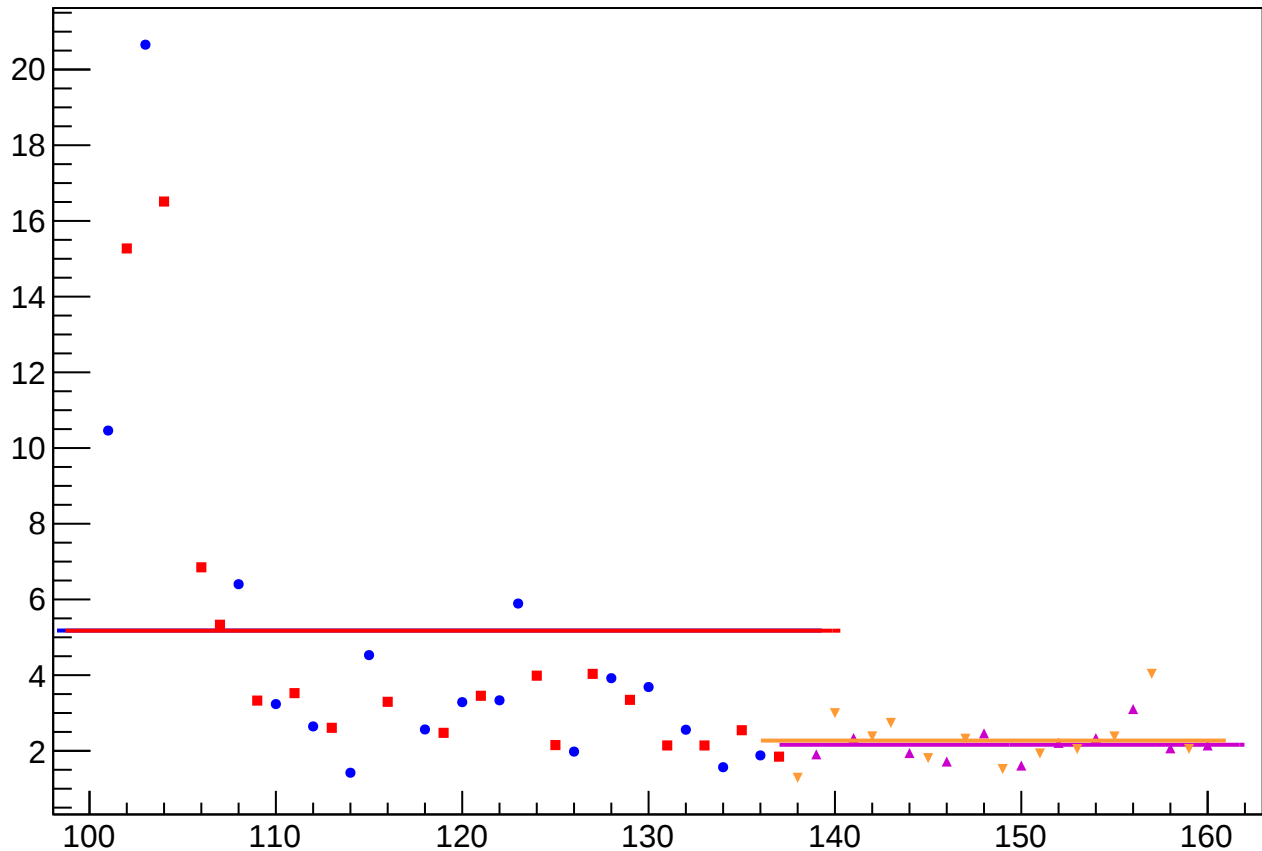
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_11X12X_coil6_mean vs Slug



Right In: 4.824+/-0.000 χ^2/NDF : 4654072520475619864481183580553216.0/16
 Left Out: 5.572+/-0.000 χ^2/NDF : 1020095199313484832120025296928768.0/11
 Right Out: 4.950+/-0.000 χ^2/NDF : 1515007904318518564448163120283648.0/17
 Left In: 5.439+/-0.000 χ^2/NDF : 966975123743589213264905804709888.0/10

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.179+/-0.000 χ^2/NDF : 19215970923479019199836696755568640.0/16

Left Out: 2.271+/-0.000 χ^2/NDF : 445973362143922999565724801826816.0/11

Right Out: 5.175+/-0.000 χ^2/NDF : 15553868406688086696237036103270400.0/17

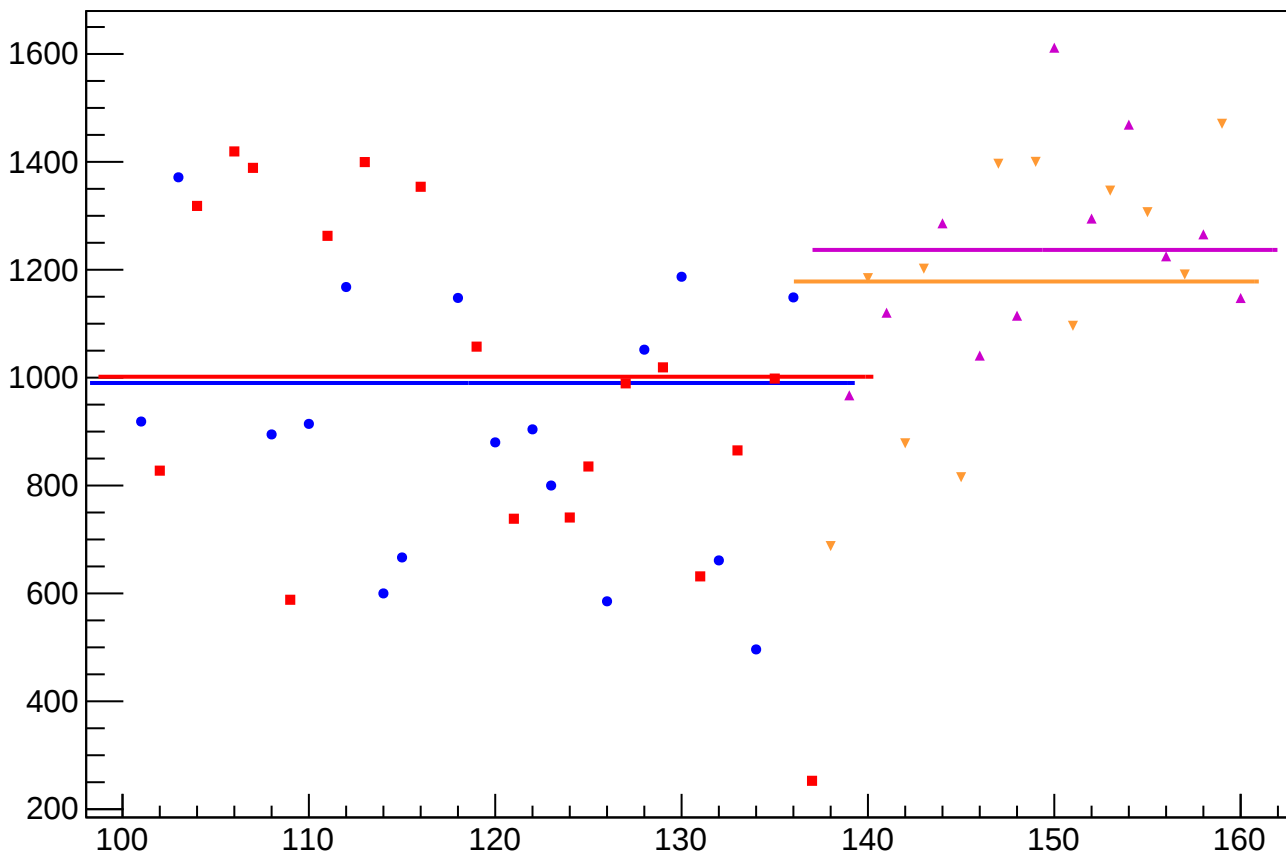
Left In: 2.161+/-0.000 χ^2/NDF : 138371088754302765080927377817600.0/10

+ sign 3.530+/-0.000 χ^2/NDF : 22988186376694934

All: 3.499+/-0.000 χ^2/NDF : 42359700854204

- sign 3.469+/-0.000 χ^2/NDF : 19368484032276007

dit_11X12X_coil6_Ndata_mean vs Slug



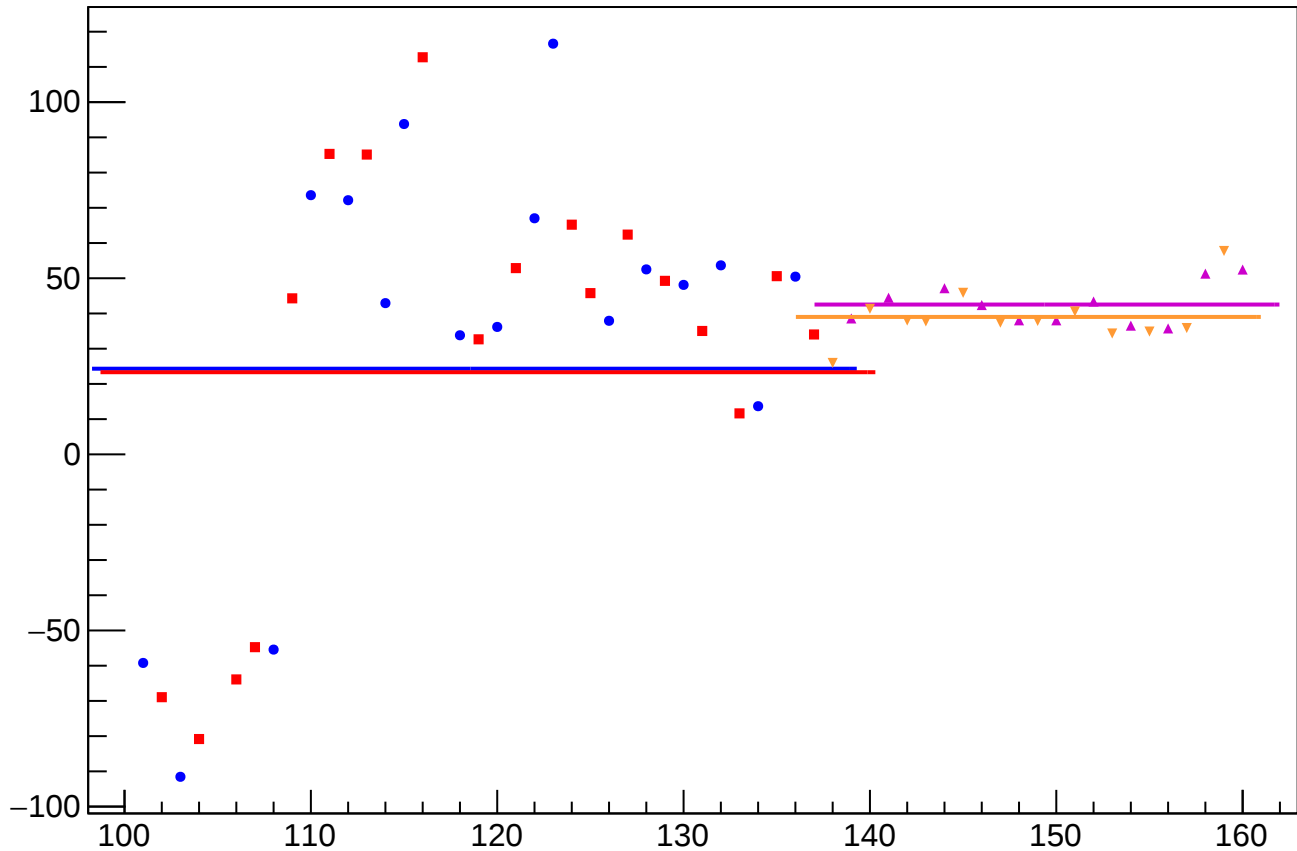
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_4aY_coil6_mean vs Slug



Right In: 24.318 $\pm$ 0.000 χ^2 /NDF: 2002814634195538334157710520710332416.0/16

Left Out: 39.019 $\pm$ 0.000 χ^2 /NDF: 50102899546886796047994324336508928.0/11

Right Out: 23.323 $\pm$ 0.000 χ^2 /NDF: 2300287491781415748029178925971144704.0/17

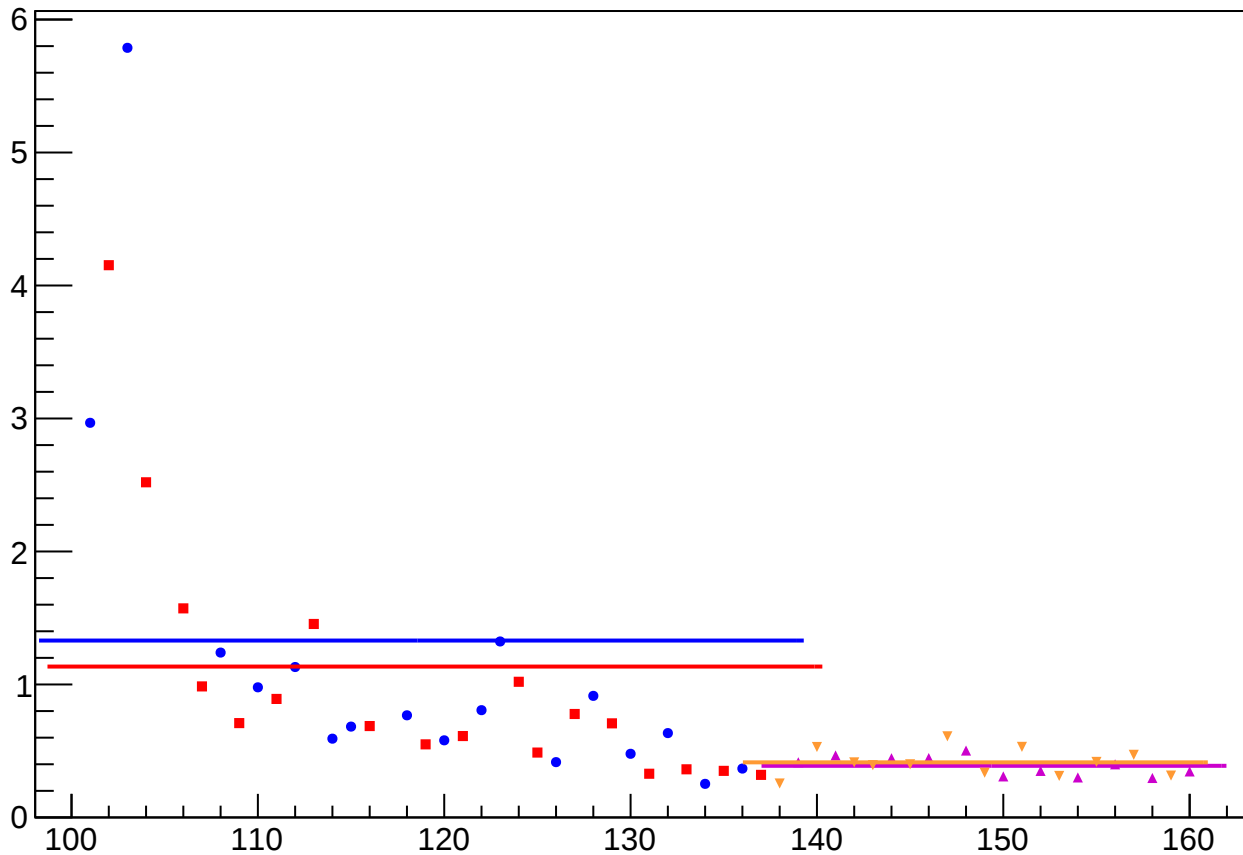
Left In: 42.534 $\pm$ 0.000 χ^2 /NDF: 28373028064789967113556541703192576.0/10

+ sign 32.655 $\pm$ 0.000 χ^2 /NDF: 2137967707580672

All: 33.438 $\pm$ 0.000 χ^2 /NDF: 4617966281278

- sign 34.199 $\pm$ 0.000 χ^2 /NDF: 2478060660645890

dit_4aY_coil6_err_mean vs Slug



Right In: 1.330 ± 0.000 χ^2/NDF : 1603106167275520107151234942631936.0/16

Left Out: 0.414 ± 0.000 χ^2/NDF : 9567880309690591091908795170816.0/11

Right Out: 1.135 ± 0.000 χ^2/NDF : 803137408294494563054397652205568.0/17

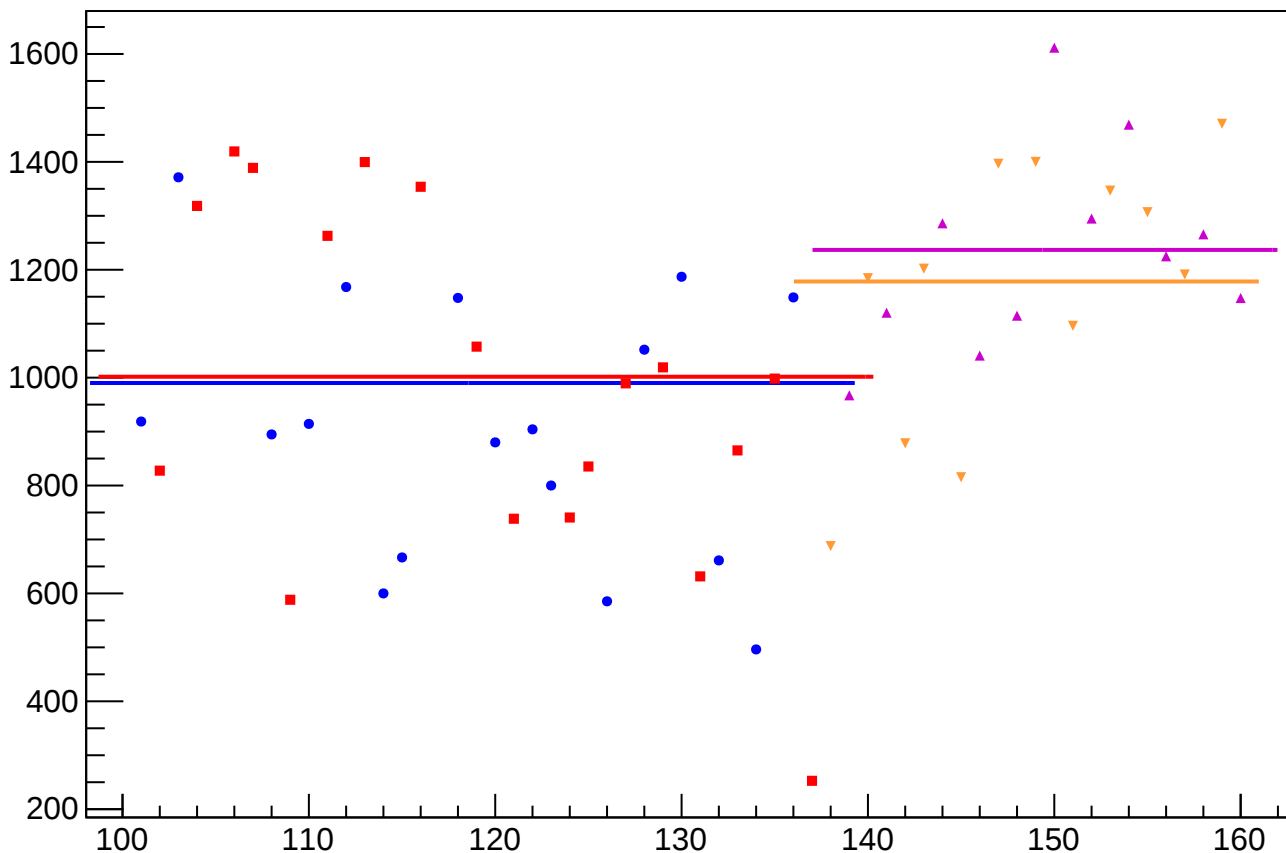
Left In: 0.388 ± 0.000 χ^2/NDF : 4478292013674144747987763462144.0/10

+ 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



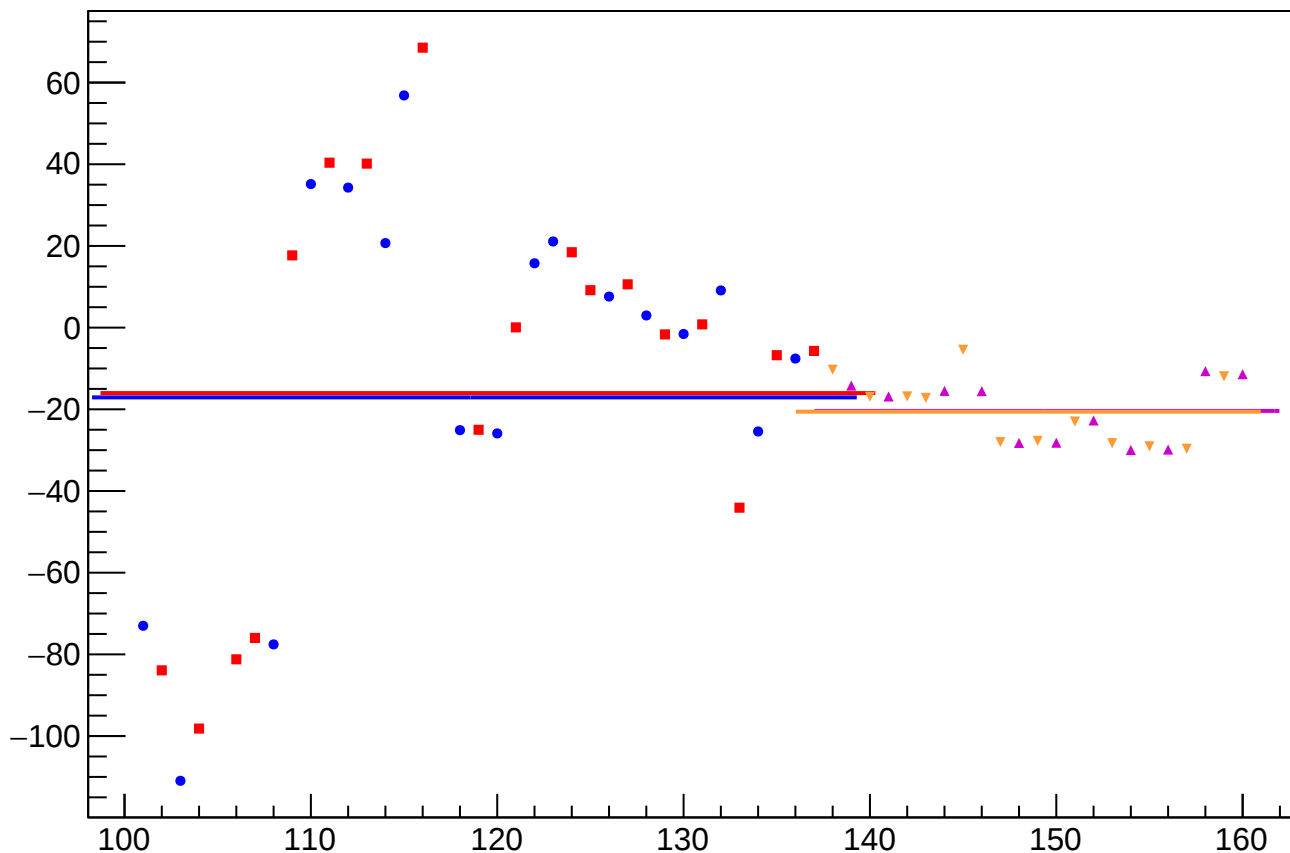
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

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

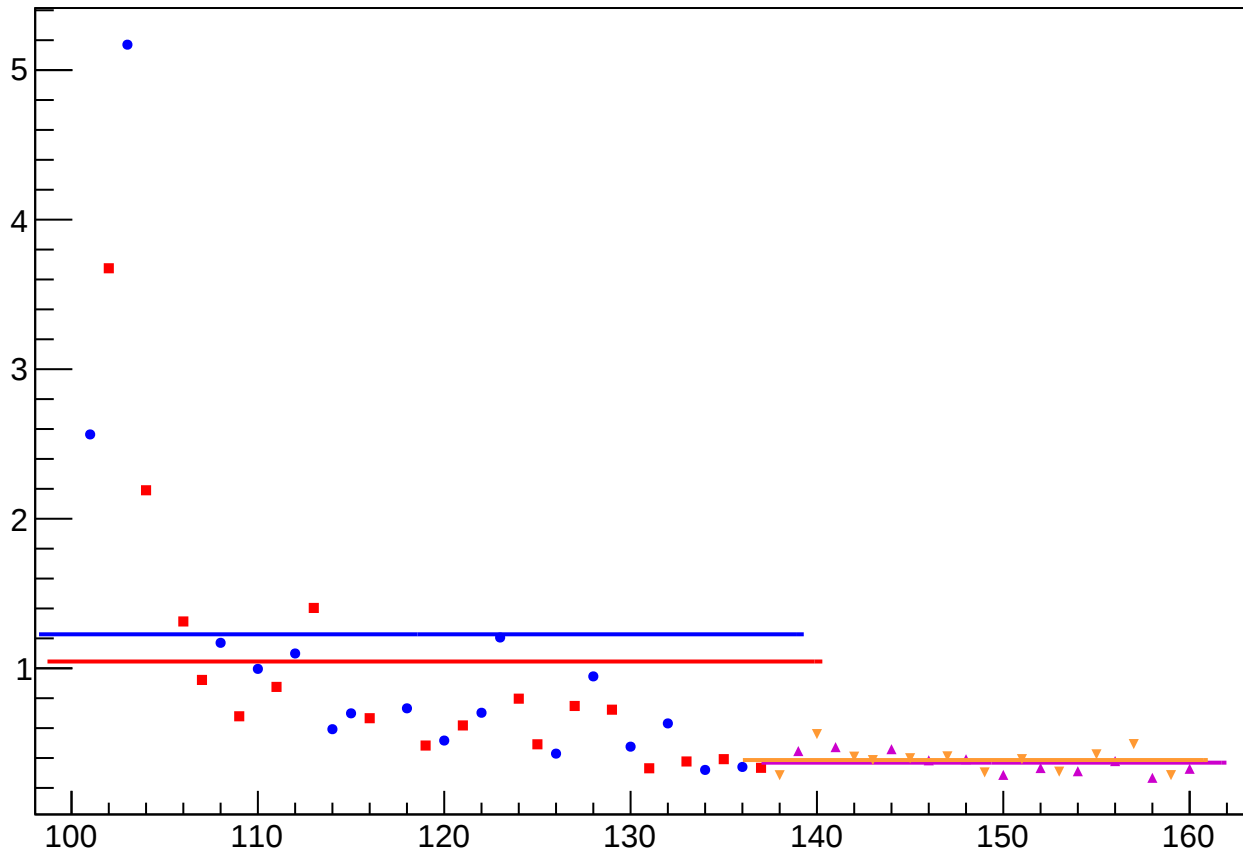
Left In: -20.391 ± 0.000 χ^2/NDF : 49123532237880600080923761508876288.0/10

All: -18.777 ± 0.000 χ^2/NDF : 297248161358

- sign -18.497 ± 0.000 χ^2/NDF : 1600911922183748

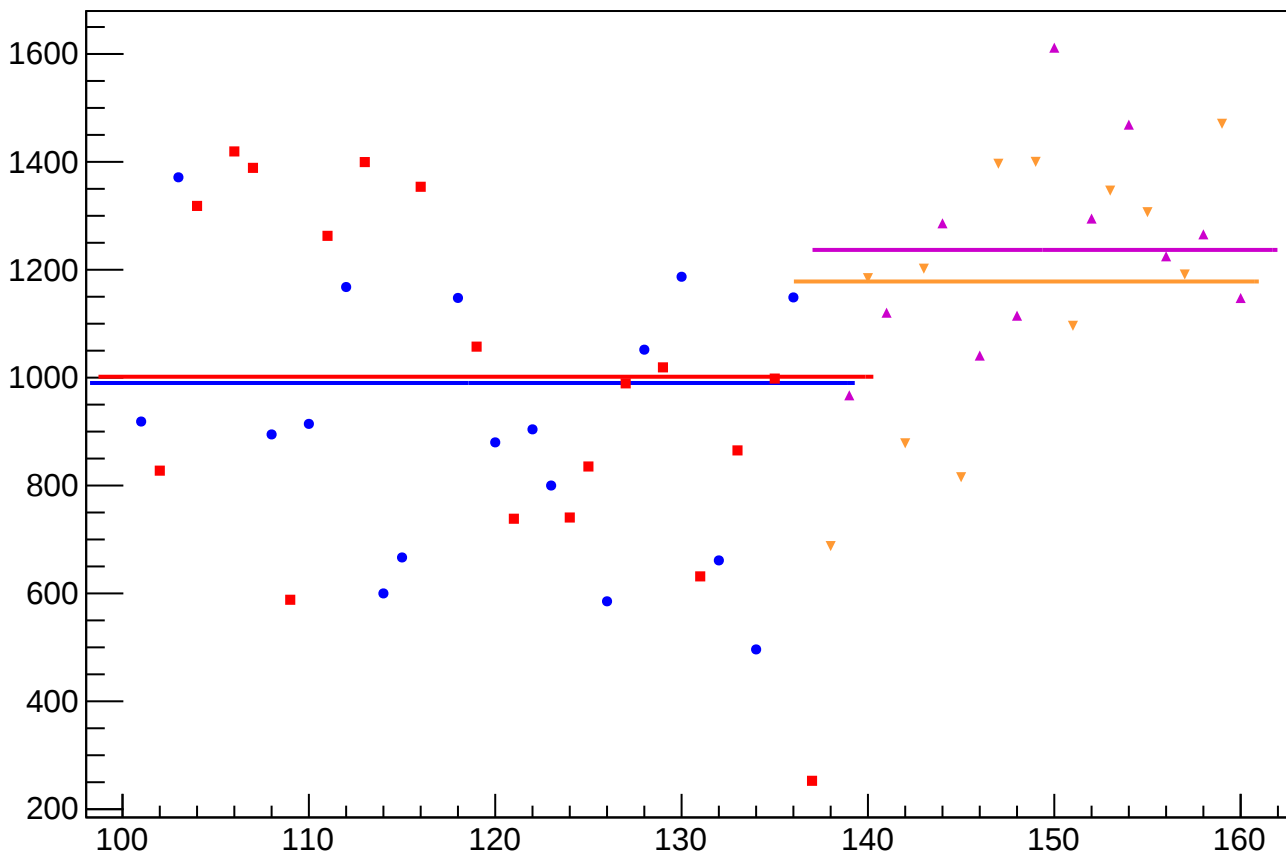
+ sign -19.064 ± 0.000 χ^2/NDF : 137130924421391

dit_4eY_coil6_err_mean vs Slug



Right In: 1.227 ± 0.000 χ^2/NDF : 1236268785411842731770087408140288.0/16
 Left Out: 0.386 ± 0.000 χ^2/NDF : 6218656899307774549221745623040.0/11
 Right Out: 1.045 ± 0.000 χ^2/NDF : 600057841416365938926945245855744.0/17
 Left In: 0.369 ± 0.000 χ^2/NDF : 4180194840459374093507993010176.0/10

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

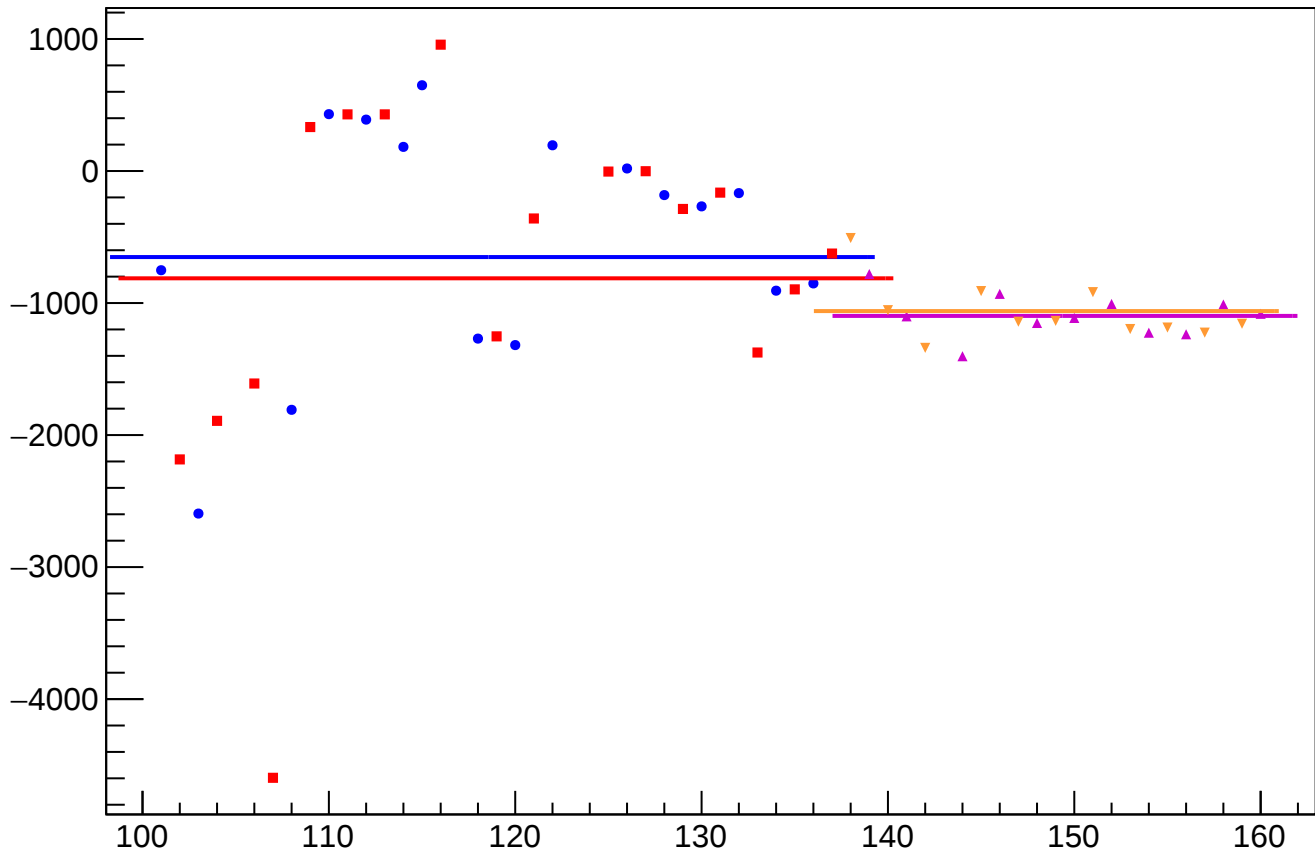
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ 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

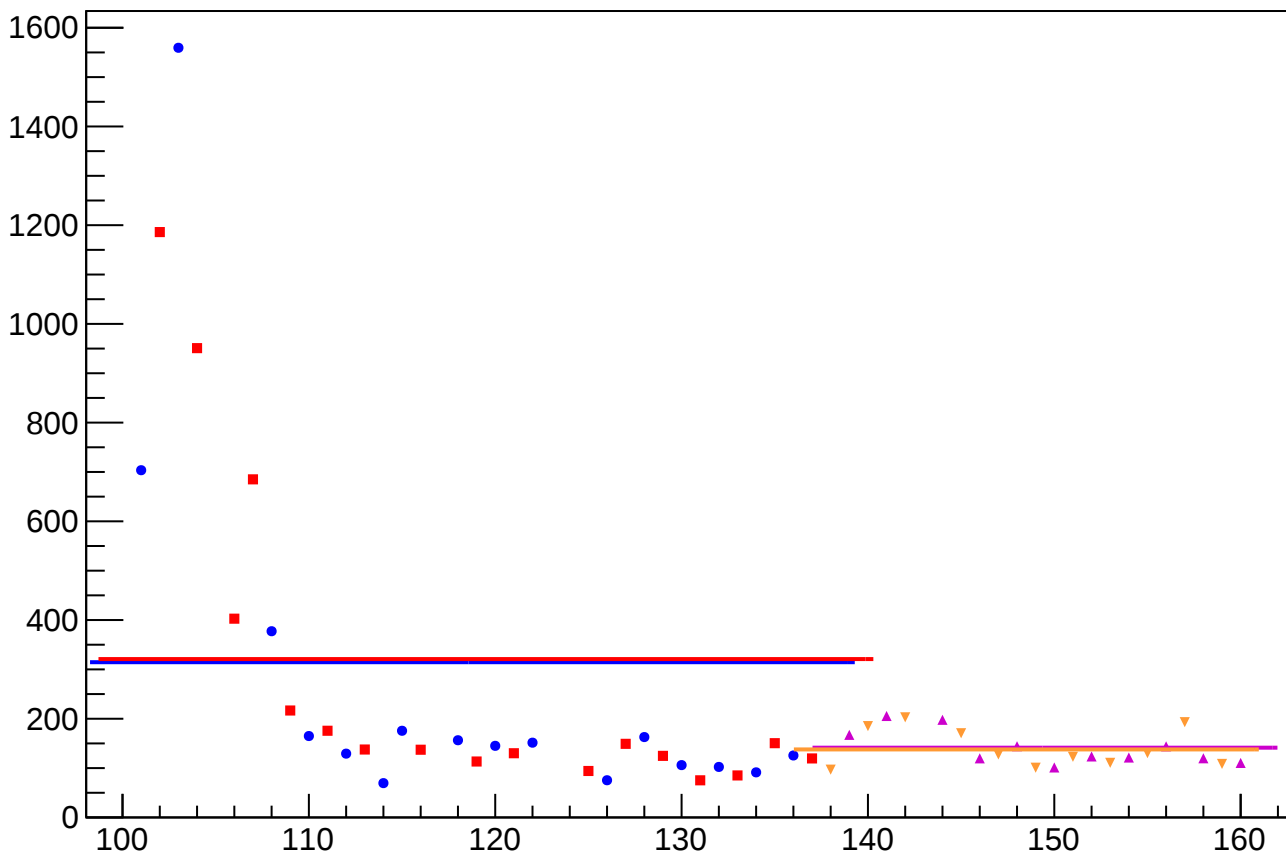
dit_usl_coil6_mean vs Slug



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

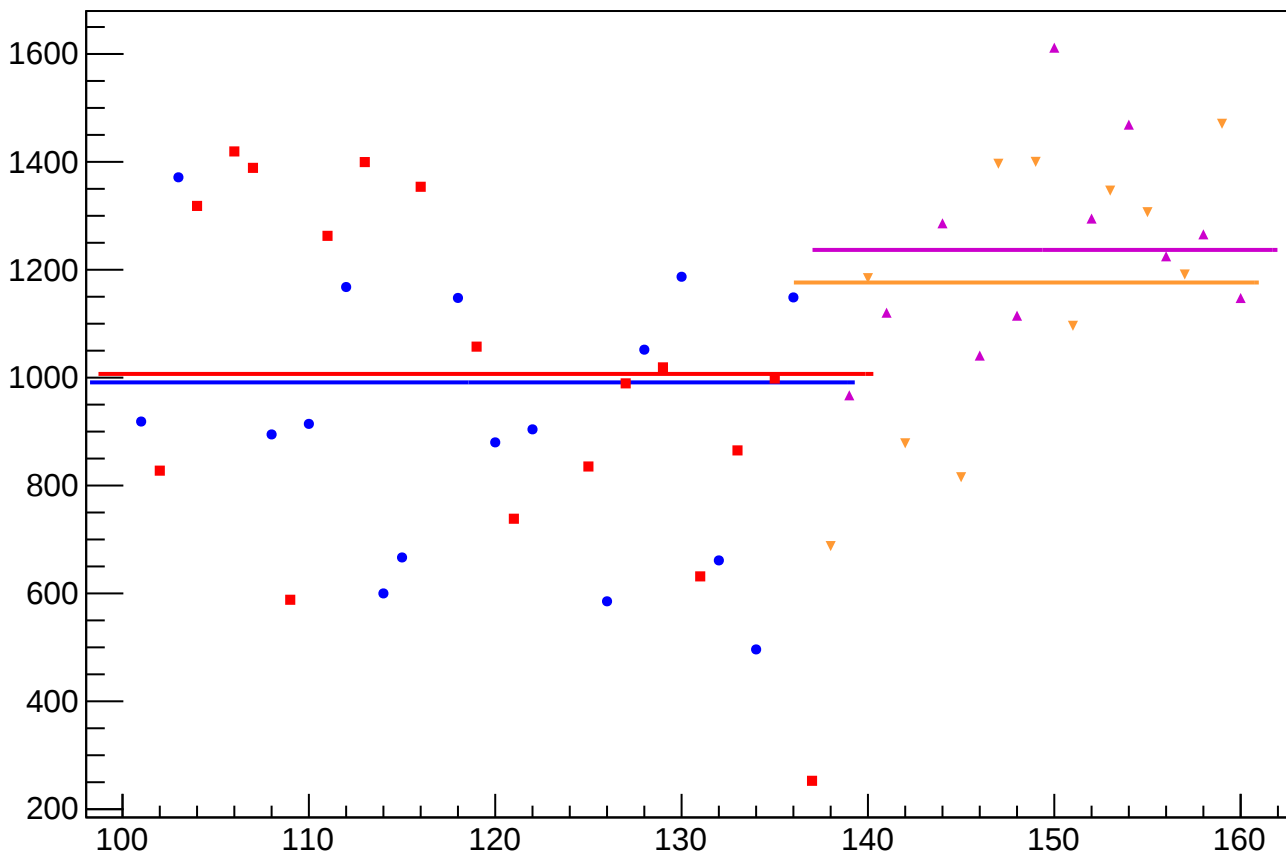
Left In: 141.362+/-0.000 χ^2/NDF : 1055012585821780249716984846873526272.0/10

+ 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

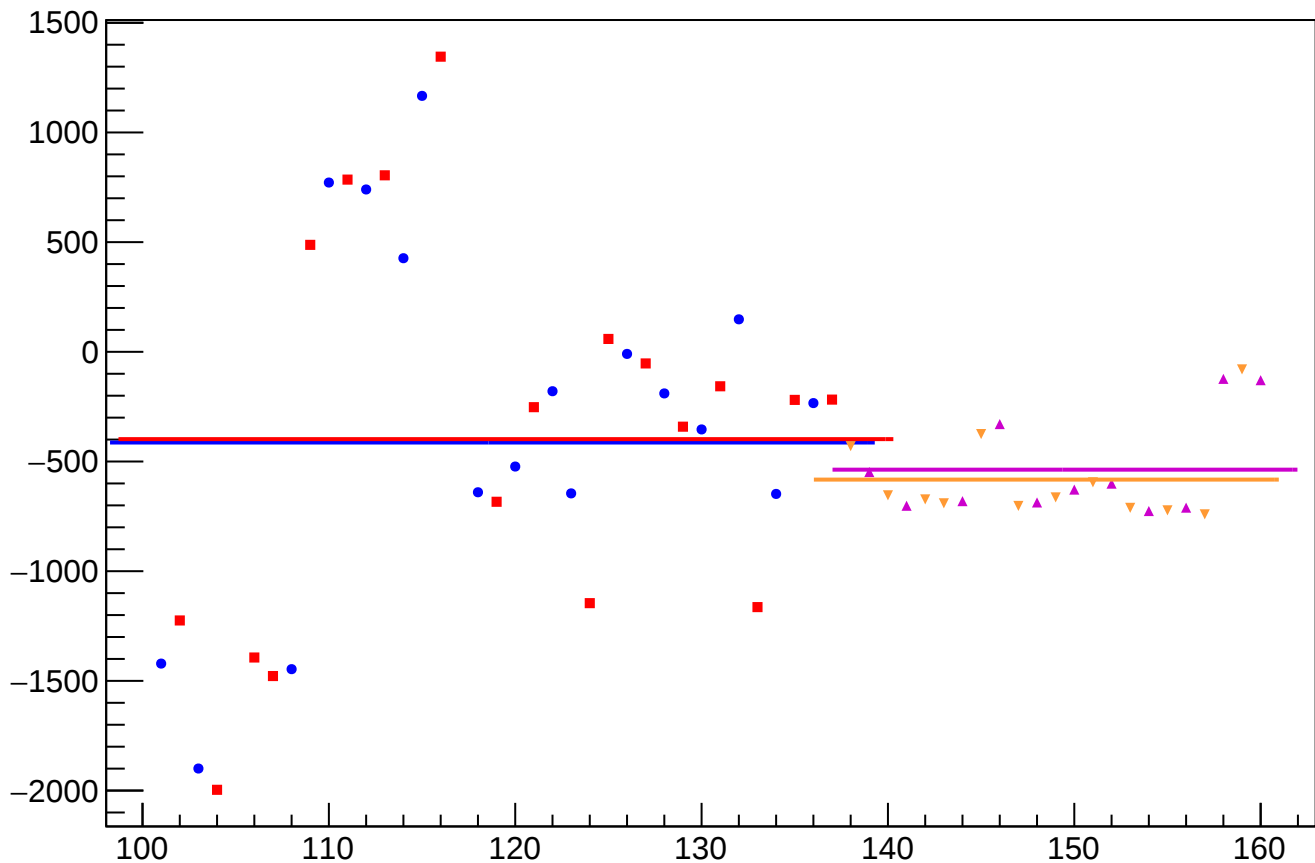
All: 1116.296+/-0.000 χ^2/NDF : 21533427694

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 χ^2/NDF : 416661262936725907024907175037323182080.0/16

Left Out: -582.459+/-0.000 χ^2/NDF : 33467960128357815096221409884680224768.0/11

Right Out: -397.961+/-0.000 χ^2/NDF : 544622124437292502497528454351499034624.0/17

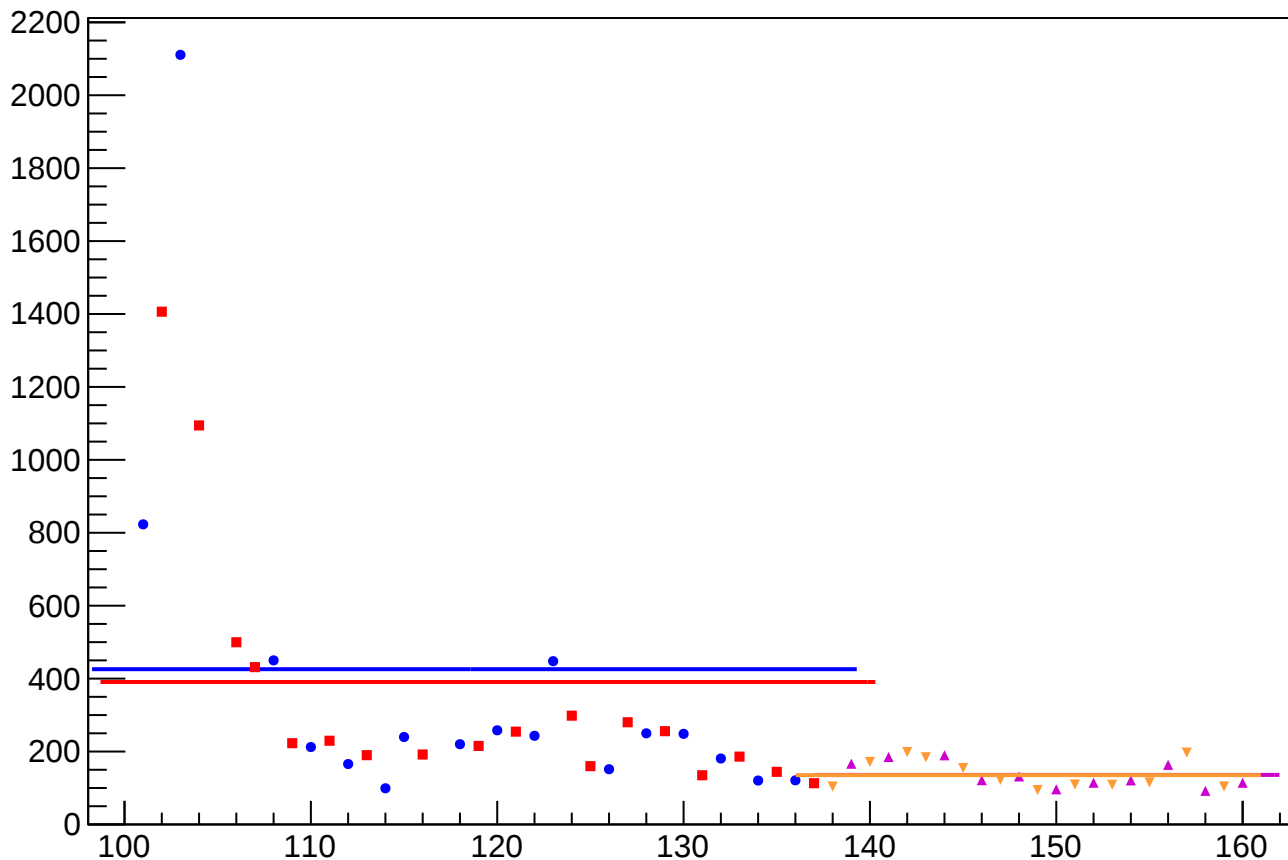
Left In: -537.163+/-0.000 χ^2/NDF : 43957458836517899124048676659035897856.0/10

+ sign -509.274+/-0.000 χ^2/NDF : 46137454521581

All: -492.797+/-0.000 χ^2/NDF : 10586564487

- sign -476.769+/-0.000 χ^2/NDF : 596423297831722

dit_usr_coil6_err_mean vs Slug



Right In: 425.847+/-0.000 χ^2/NDF : 207036344088227618256858466697210757120.0/16

Left Out: 135.302+/-0.000 χ^2/NDF : 1213972117724638790045949459626459136.0/11

Right Out: 390.709+/-0.000 χ^2/NDF : 105177402148385851360915440950786916352.0/17

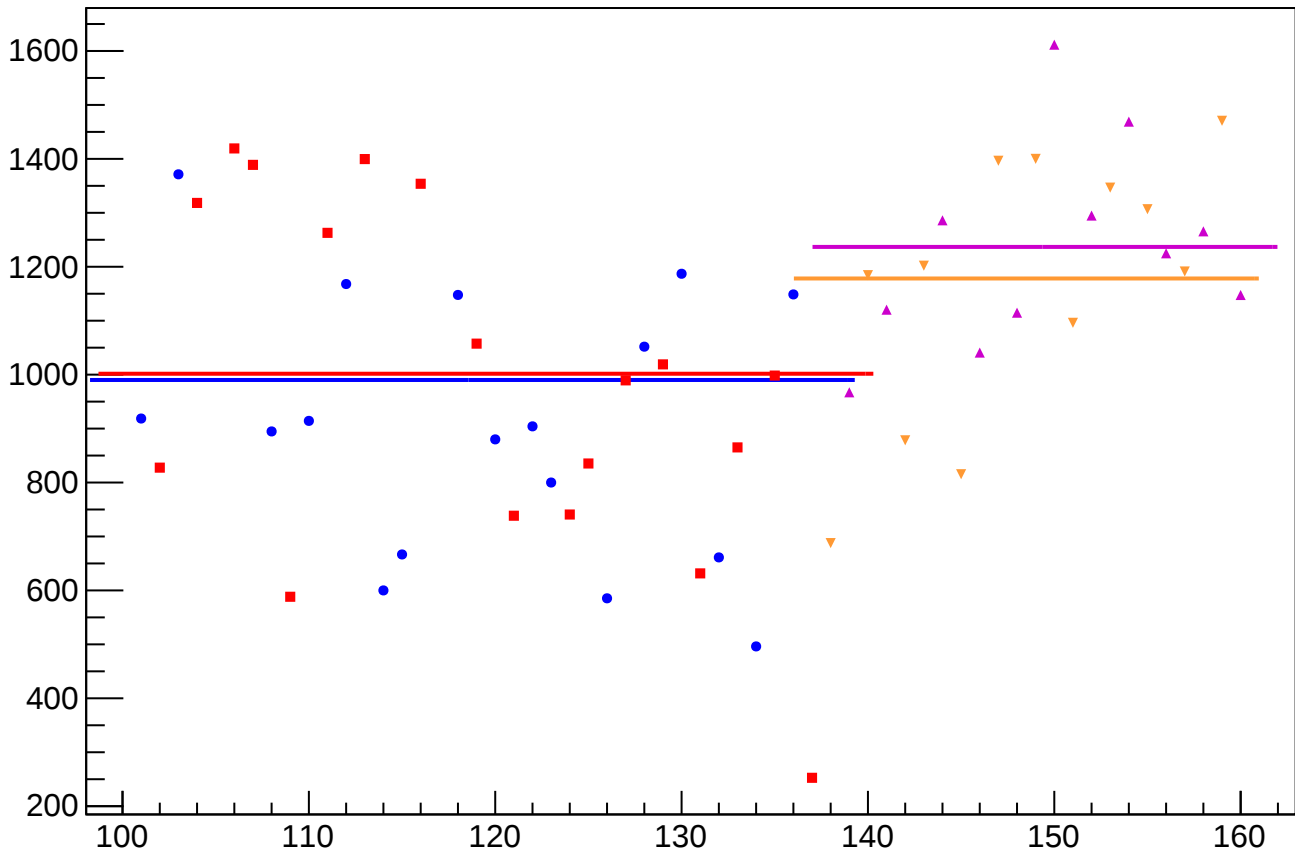
Left In: 135.877+/-0.000 χ^2/NDF : 1013407653524592727671386529217904640.0/10

+ sign 261.090+/-0.000 χ^2/NDF : 241471538230727

All: 253.663+/-0.000 χ^2/NDF : 374123627315

- sign 246.438+/-0.000 χ^2/NDF : 132477635867961

dit_usr_coil6_Ndata_mean vs Slug



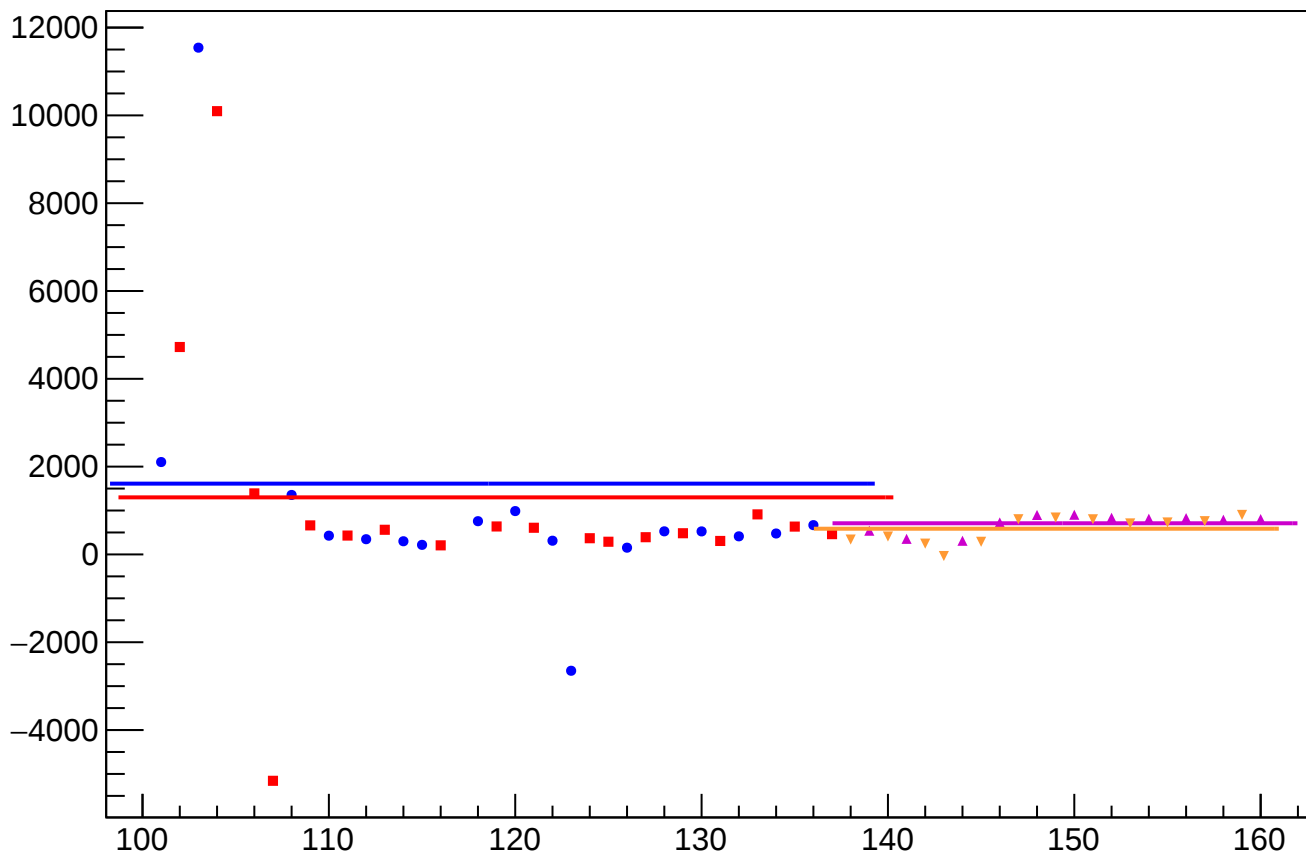
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

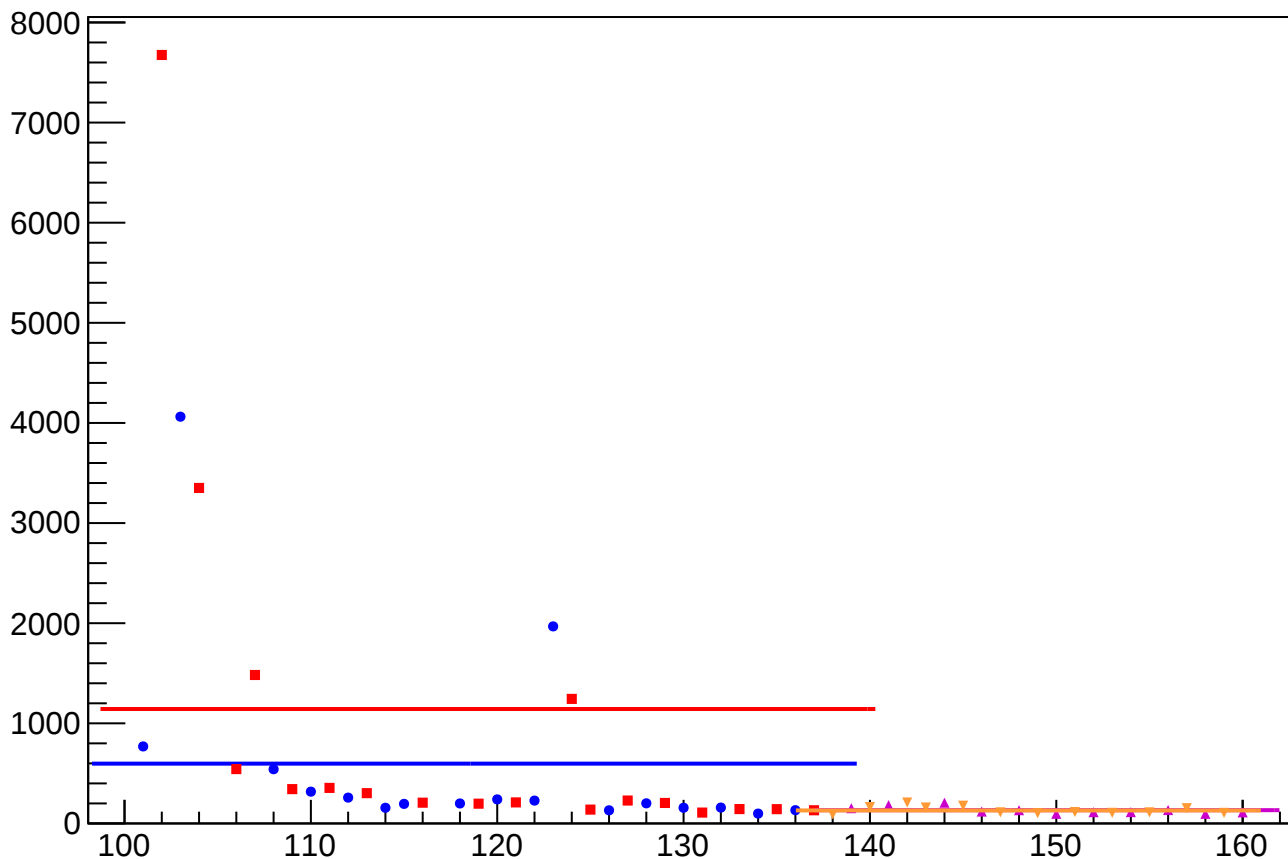
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atl1_coil6_mean vs Slug



Right In: 1612.346+/-0.000 χ^2/NDF : 6578565632222822389389916952029424517120.0/16
 Left Out: 585.355+/-0.000 χ^2/NDF : 71064130905944539858639816600462557184.0/11
 Right Out: 1299.611+/-0.000 χ^2/NDF : 6468181068576271058681439598083982753792.0/17
 Left In: 709.552+/-0.000 χ^2/NDF : 3832488724282383367835539132322414592.0/10
 All: 997.321+/-0.000 χ^2/NDF : 137155163833
 + sign 1029.979+/-0.000 χ^2/NDF : 70647019956652
 - sign 965.555+/-0.000 χ^2/NDF : 664744176785799

dit_atl1_coil6_err_mean vs Slug



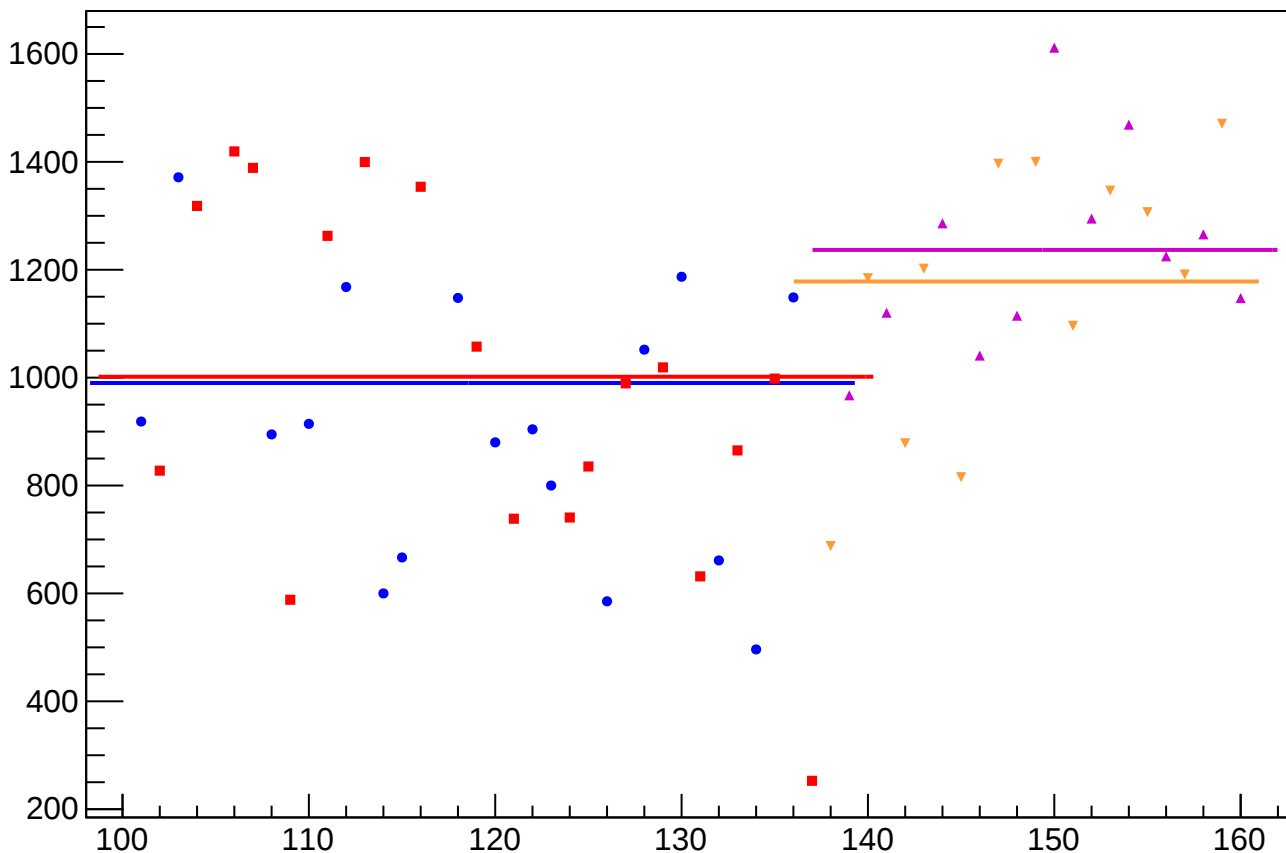
Right In: 597.382+/-0.000 χ^2/NDF : 808468639420281882930484113186400239616.0/16

Left Out: 130.051+/-0.000 χ^2/NDF : 1012152339815276325722639516246736896.0/11

Right Out: 1143.180+/-0.000 χ^2/NDF : 3192644561132334907368616853810301632512.0/17

Left In: 132.683+/-0.000 χ^2/NDF : 1095069941425855295085560512768901120.0/10

dit_atl1_coil6_Ndata_mean vs Slug



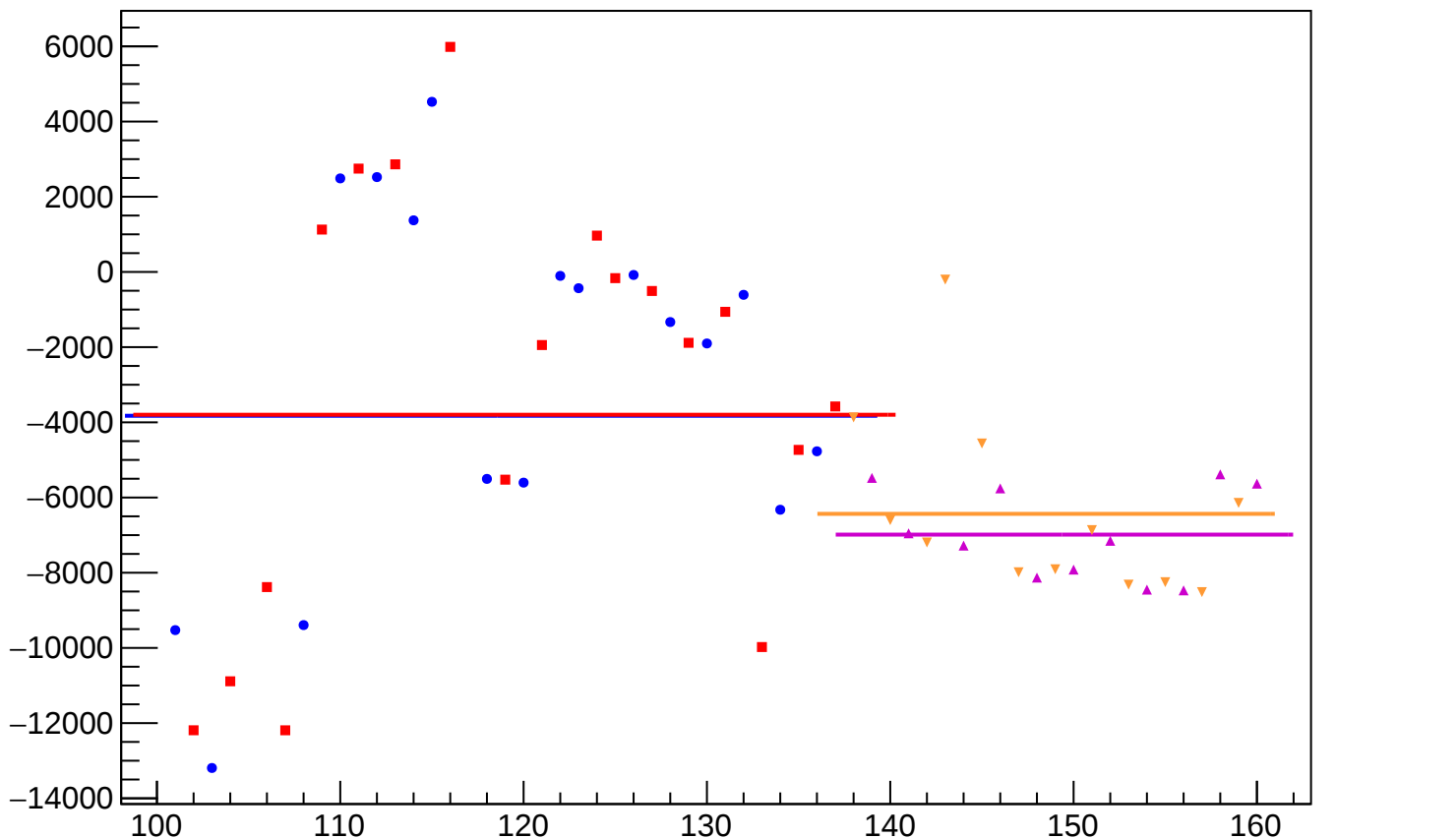
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

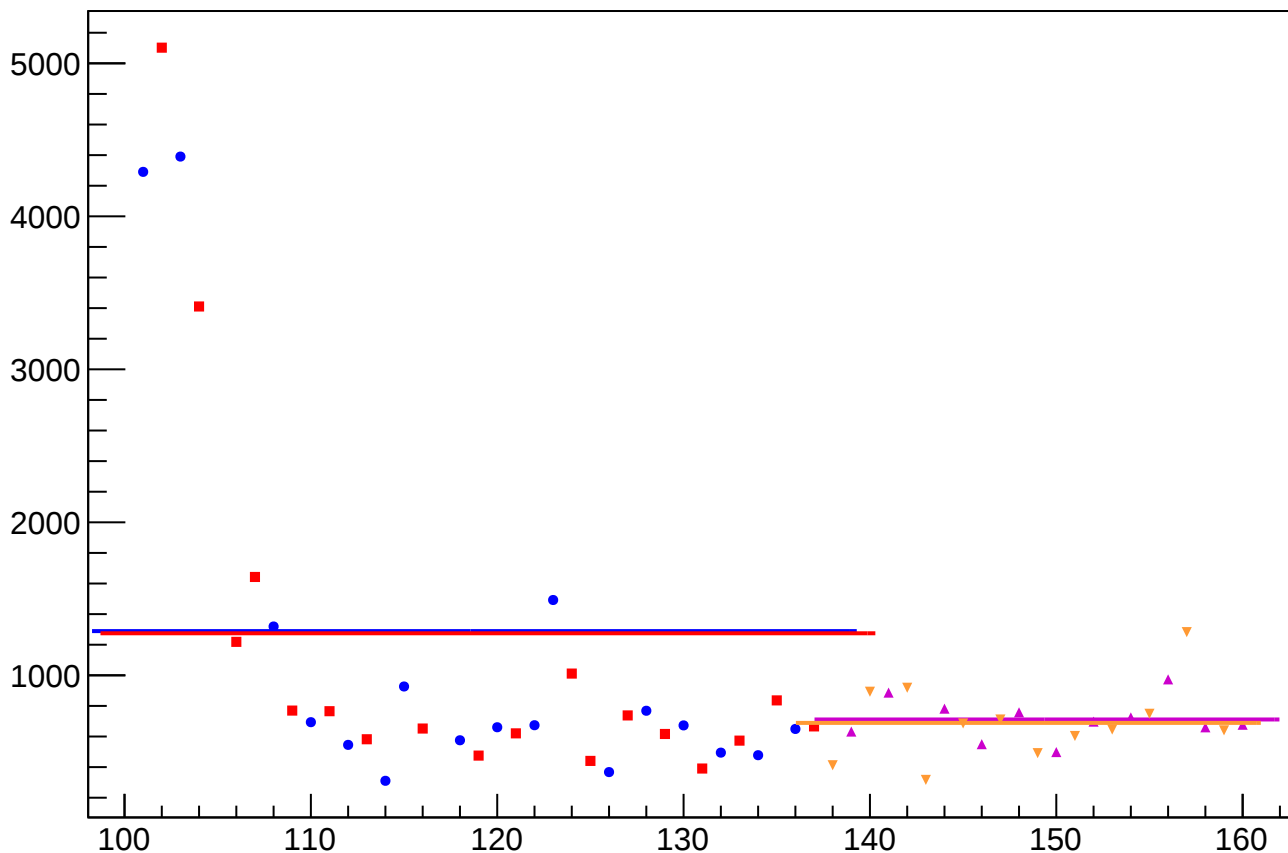
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atl2_coil6_mean vs Slug



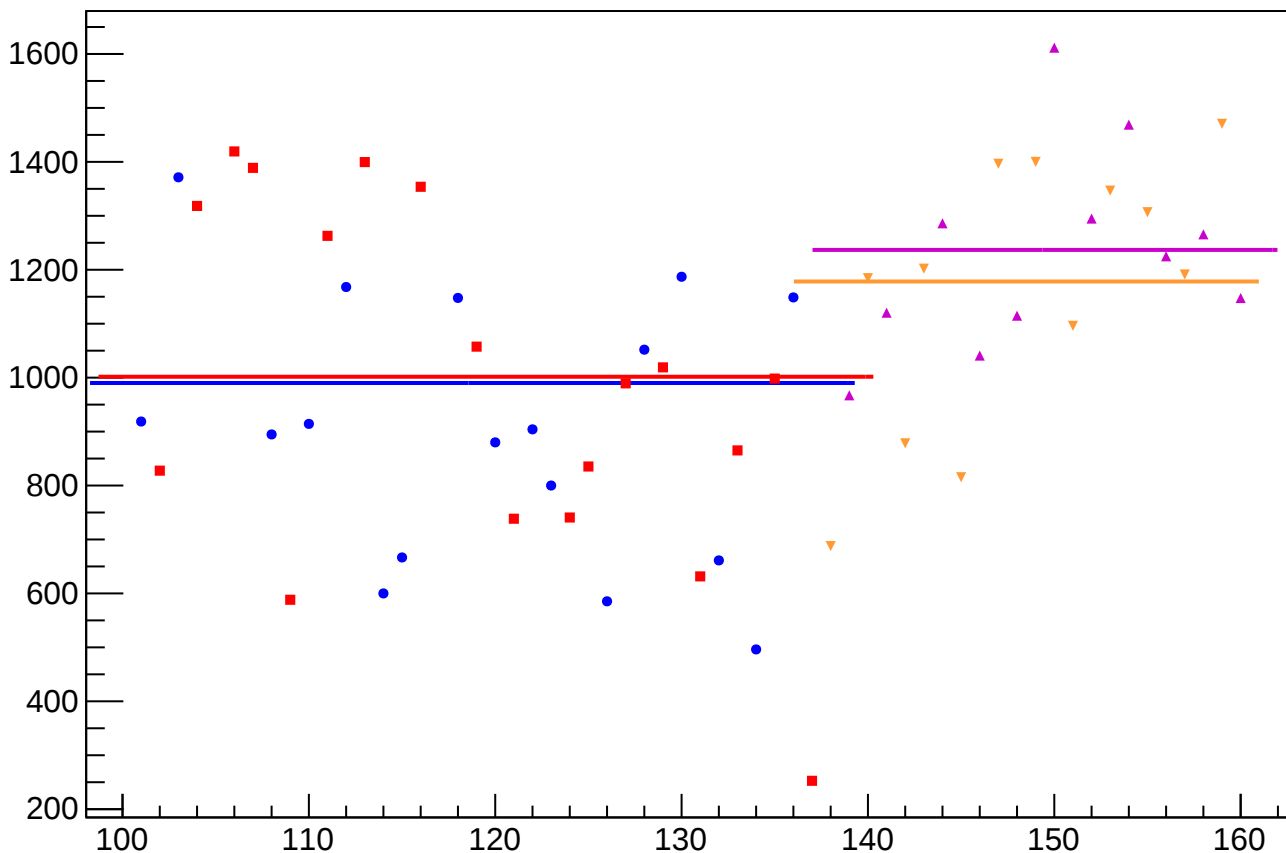
Right In: -3825.392+/-0.000 χ^2/NDF : 15445294605440071214640081166471362772992.0/16
 Left Out: -6434.104+/-0.000 χ^2/NDF : 4694104378818420456134132299517770334208.0/11
 Right Out: -3798.528+/-0.000 χ^2/NDF : 21131316959829635023813459777790997954560.0/17
 Left In: -6986.598+/-0.000 χ^2/NDF : 1235548818628101724226564744951120265216.0/10

dit_atl2_coil6_err_mean vs Slug



Right In: 1288.972+/-0.000 χ^2/NDF : 1352910763882575479104094227028785496064.0/16
 Left Out: 689.077+/-0.000 χ^2/NDF : 51672387047118863079417001056116146176.0/11
 Right Out: 1274.734+/-0.000 χ^2/NDF : 1316265489507064730168544372361657319424.0/17
 Left In: 711.332+/-0.000 χ^2/NDF : 15887933249894385970628581231809265664.0/10

dit_atl2_coil6_Ndata_mean vs Slug



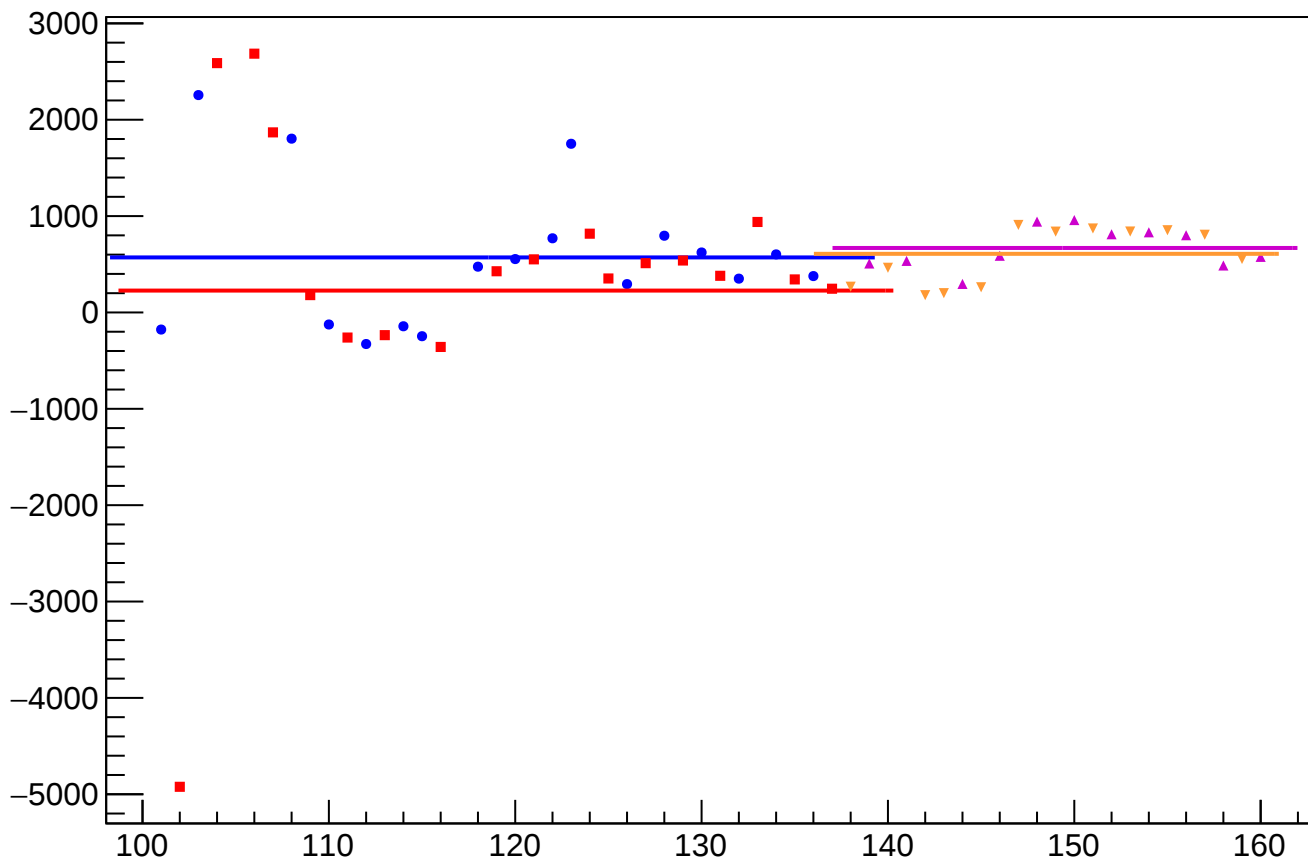
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atr1_coil6_mean vs Slug



Right In: 571.105+/-0.000 χ^2/NDF : 348676559810482432881112105158952615936.0/16

Left Out: 608.402+/-0.000 χ^2/NDF : 69117421342453825845201605751792992256.0/11

Right Out: 227.021+/-0.000 χ^2/NDF : 2178465037537899335461890002061994491904.0/17

Left In: 669.223+/-0.000 χ^2/NDF : 39382312244115775396192244581527453696.0/10

dit_atr1_coil6_err_mean vs Slug



Right In: 519.063+/-0.000 χ^2/NDF : 420187131793740379632134790837132328960.0/16

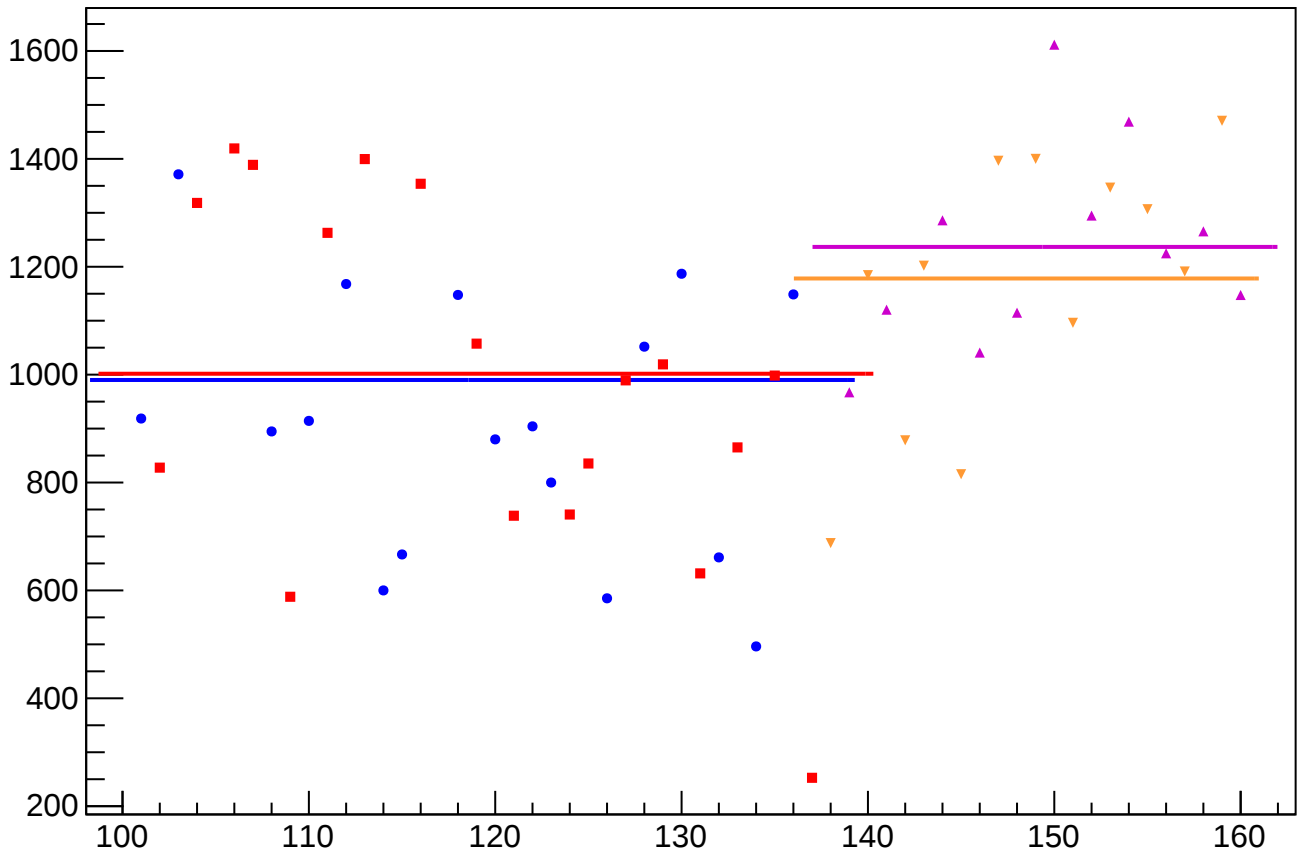
Left Out: 143.116+/-0.000 χ^2/NDF : 711290210266154833943358309092294656.0/11

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

dit_atr1_coil6_Ndata_mean vs Slug



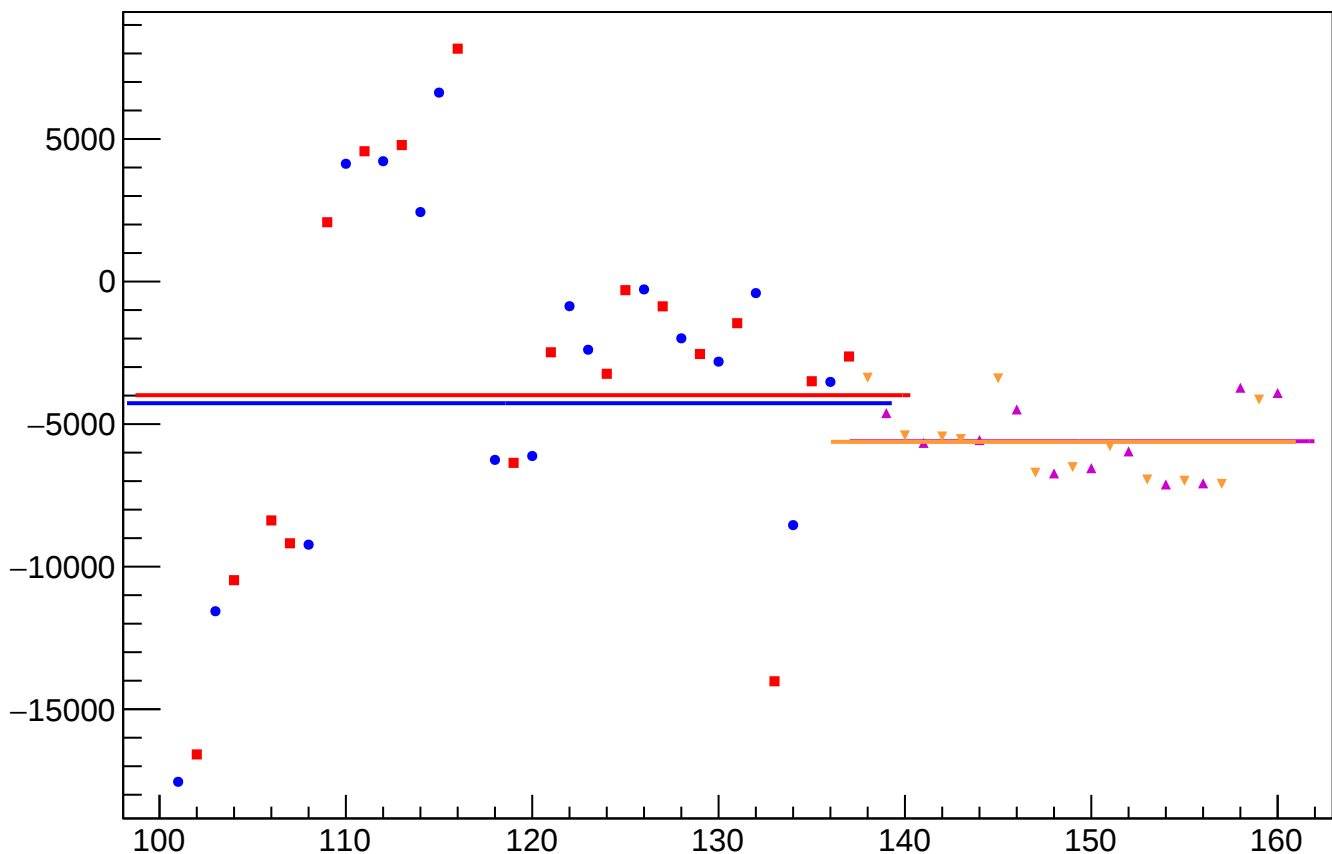
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atr2_coil6_mean vs Slug



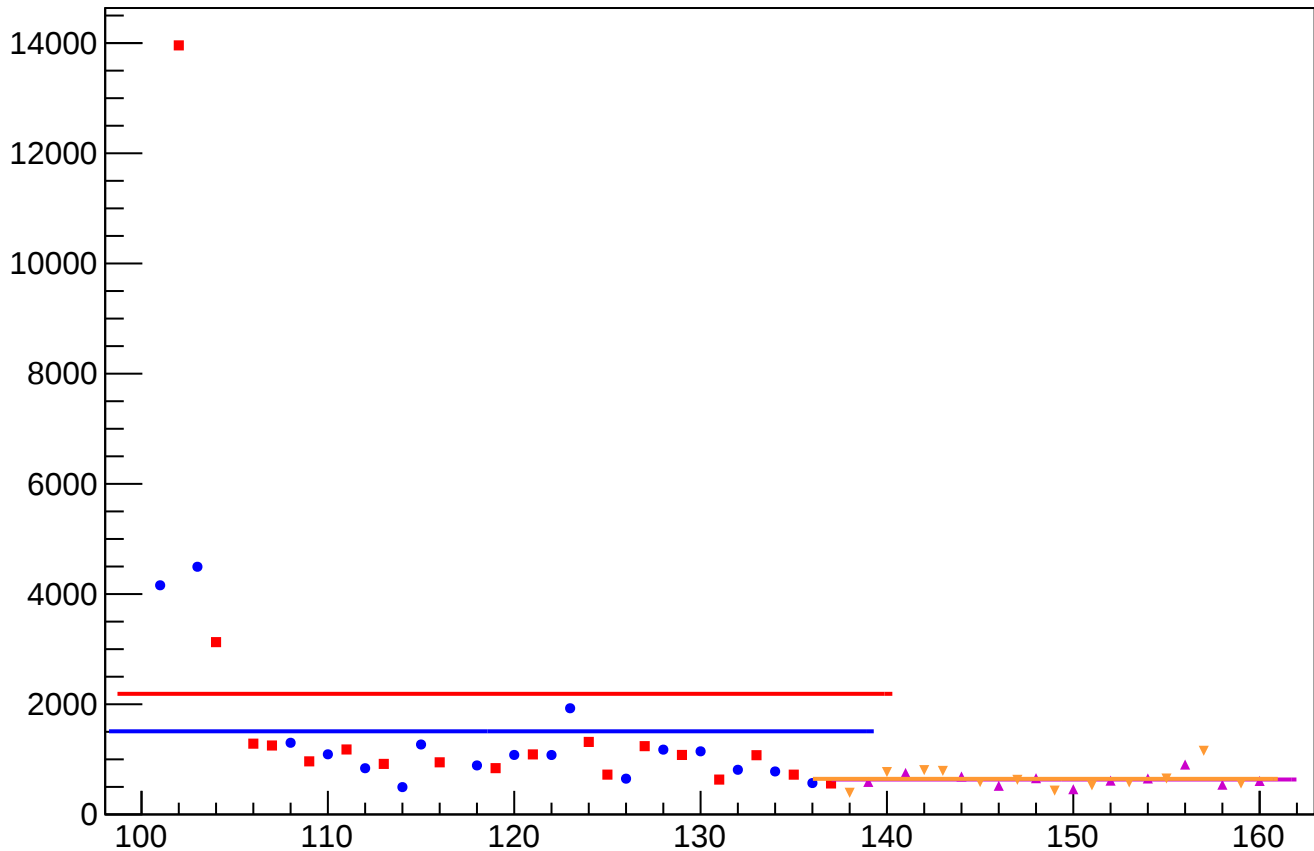
Right In: -4266.932 ± 0.000 χ^2/NDF : 25403959108162984315551486343624496513024.0/16

Left Out: -5623.118 ± 0.000 χ^2/NDF : 1581209031874296874377039249105372577792.0/11

Right Out: -3985.866 ± 0.000 χ^2/NDF : 31378292211366162940134938718336985333760.0/17

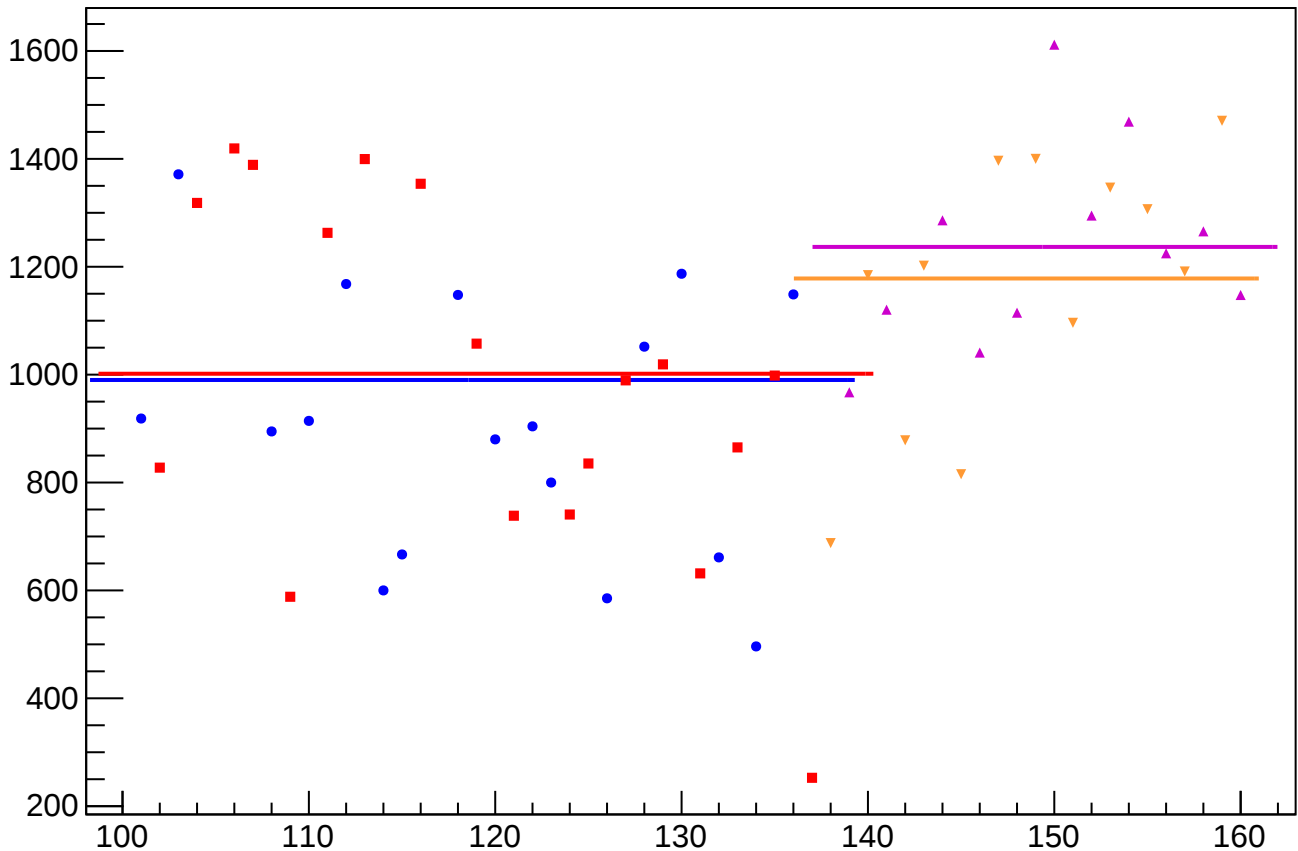
Left In: -5600.969 ± 0.000 χ^2/NDF : 1284033803057879693677598537255558840320.0/10

dit_atr2_coil6_err_mean vs Slug



Right In: 1509.121+/-0.000 χ^2/NDF : 1169972089698319936649693761541425332224.0/16
 Left Out: 646.174+/-0.000 χ^2/NDF : 34105781677425395538056373827956375552.0/11
 Right Out: 2189.301+/-0.000 χ^2/NDF : 8986539063289018670432989988372162281472.0/17
 Left In: 634.343+/-0.000 χ^2/NDF : 12312915107383873124917312703313215488.0/10

dit_atr2_coil6_Ndata_mean vs Slug



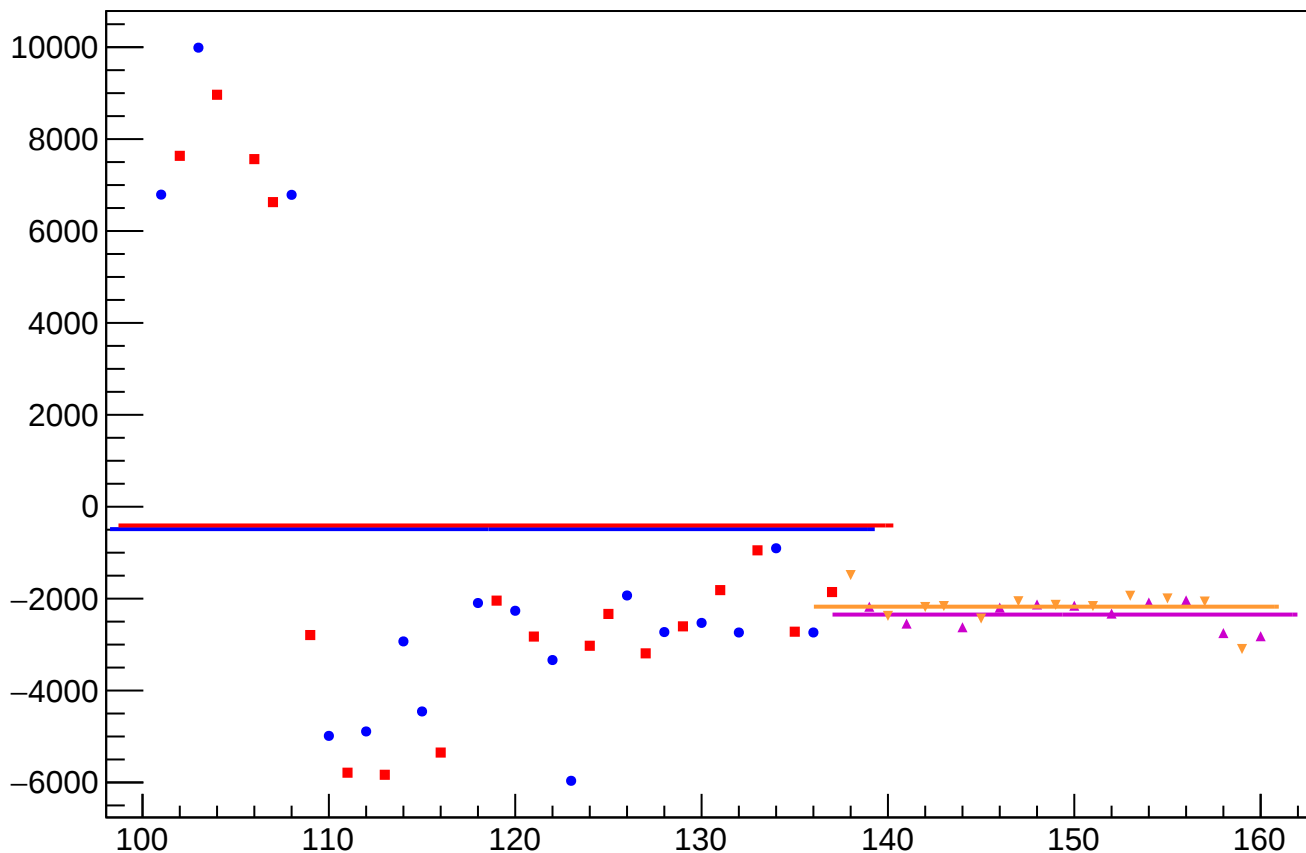
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

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

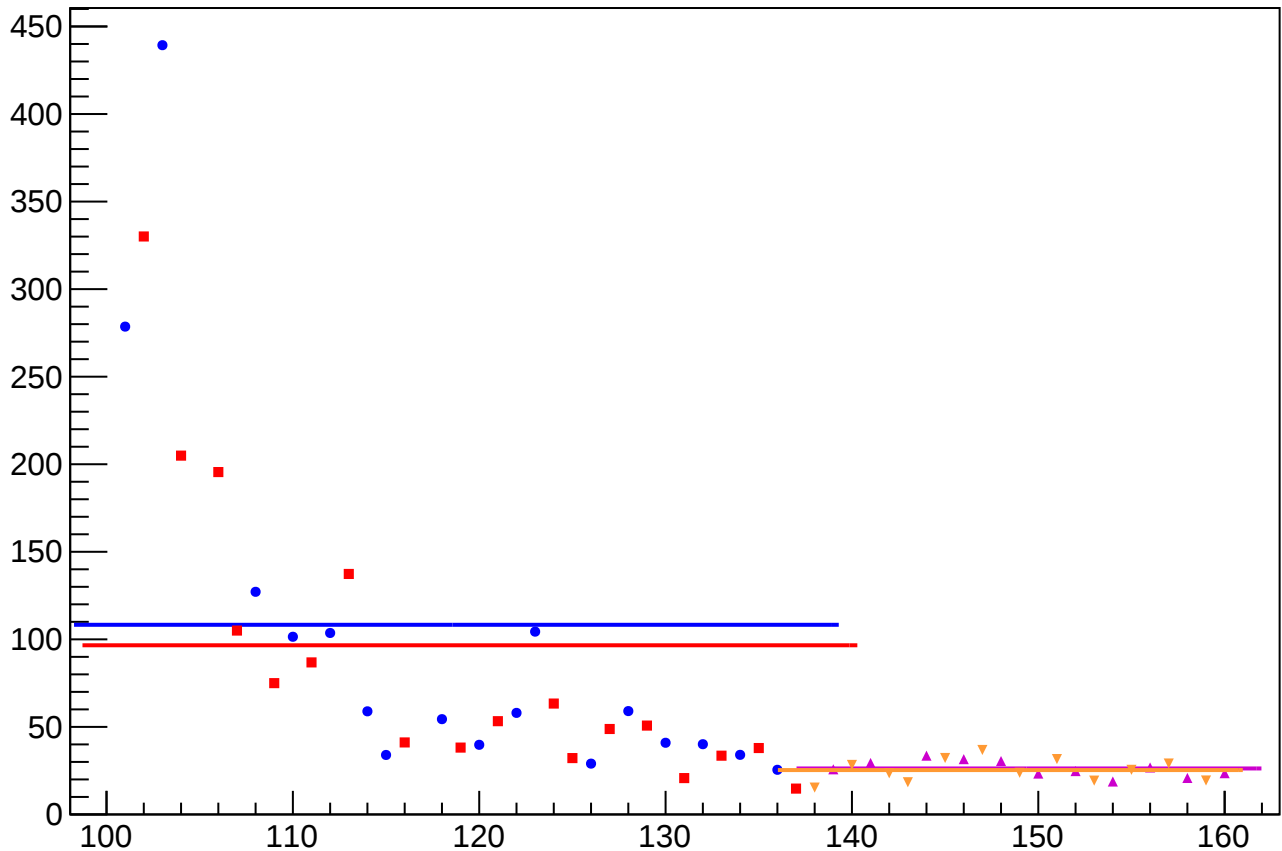
dit_sam1_coil6_mean vs Slug



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

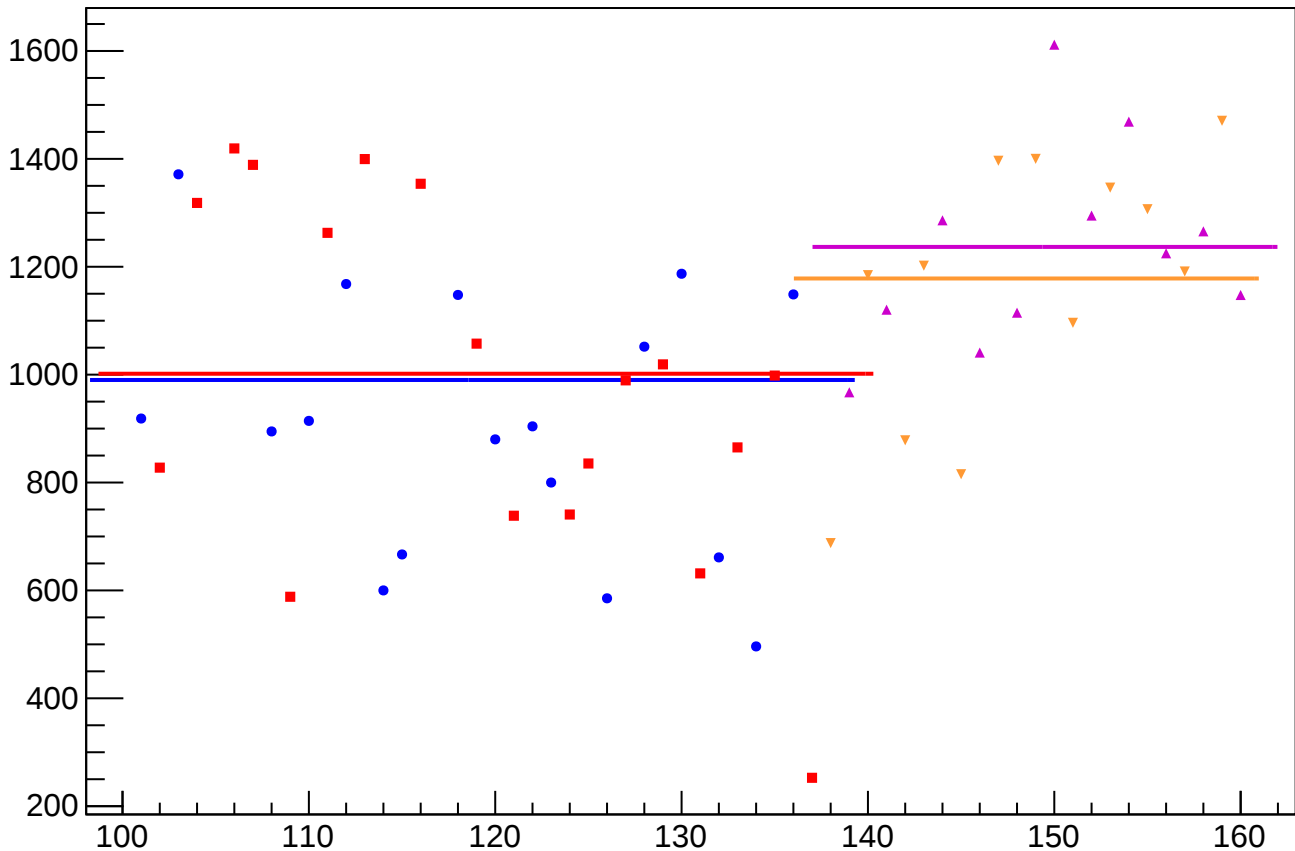
+ sign -1444.196+/-0.000 χ^2/NDF : 1672041747047
 All: -1475.296+/-0.000 χ^2/NDF : 3535915794
 - sign -1505.547+/-0.000 χ^2/NDF : 1863568192785

dit_sam1_coil6_err_mean vs Slug



Right In: 108.310+/-0.000 χ^2/NDF : 10240592139421231918957200369451532288.0/16
 Left Out: 25.343+/-0.000 χ^2/NDF : 36110419999442203641332872035434496.0/11
 Right Out: 96.612+/-0.000 χ^2/NDF : 5525873832888071130304914389362278400.0/17
 Left In: 26.267+/-0.000 χ^2/NDF : 18381454665021153689982878819024896.0/10

dit_sam1_coil6_Ndata_mean vs Slug



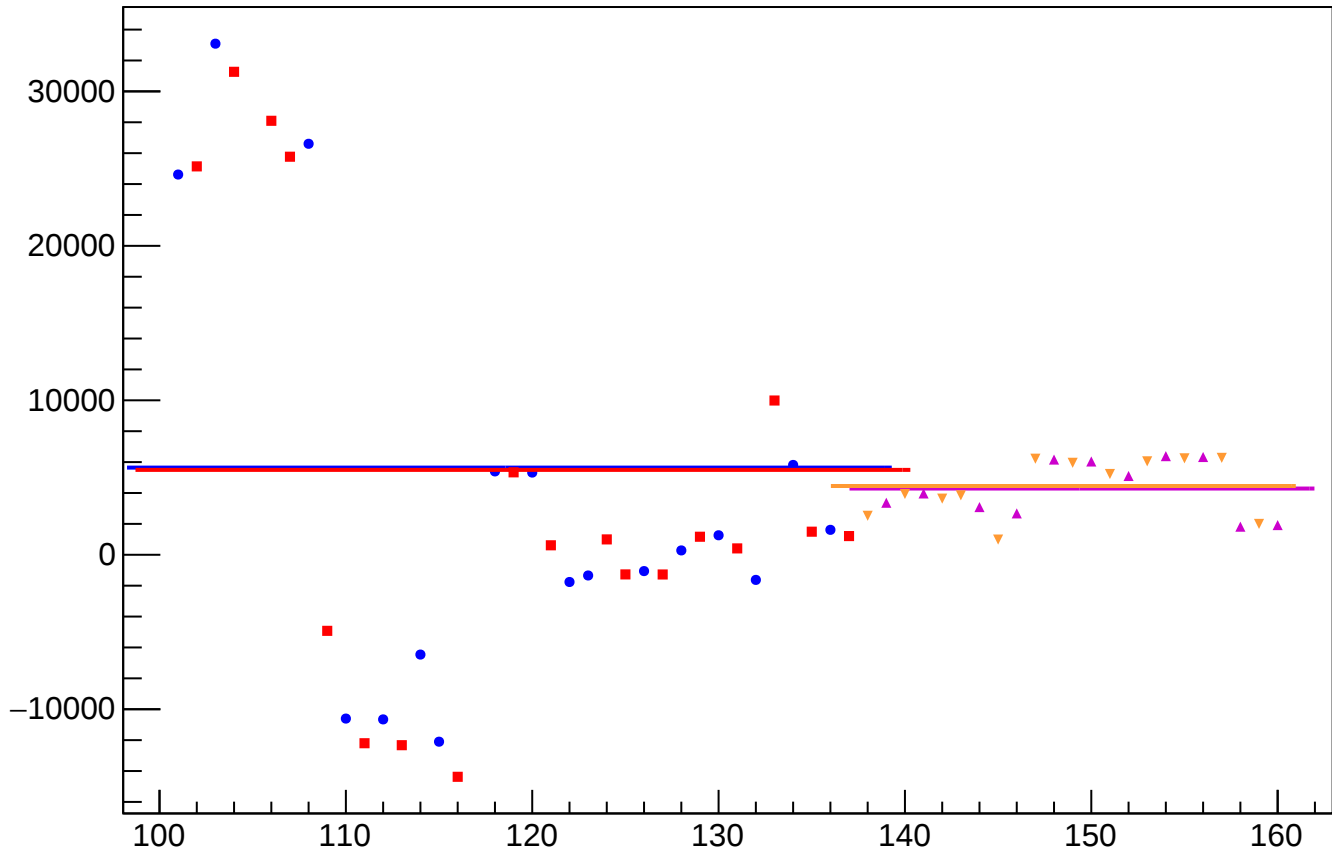
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

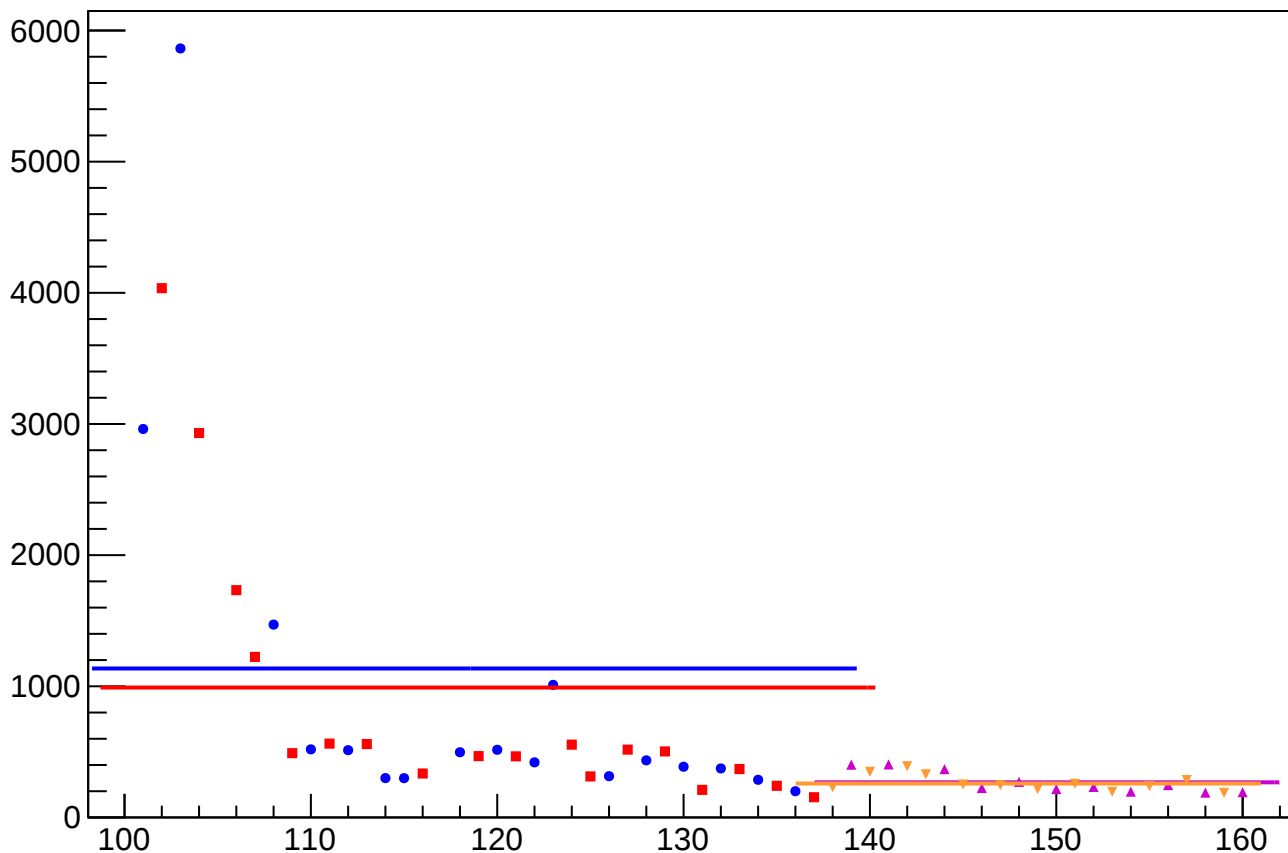
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam2_coil6_mean vs Slug



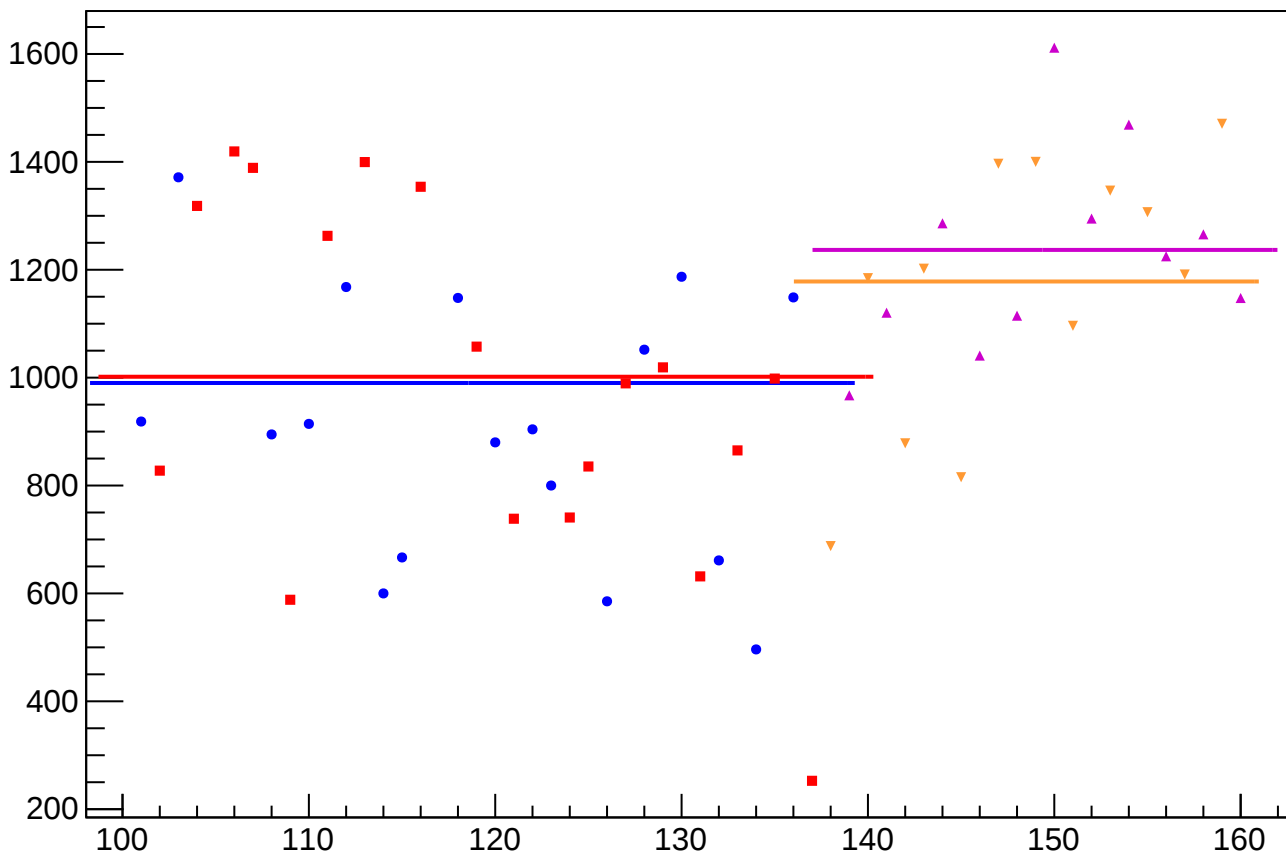
Right In: 5643.213+/-0.000 χ^2/NDF : 120843746110128548402153277612724047577088.0/16
 Left Out: 4452.458+/-0.000 χ^2/NDF : 2985929789295198919987260133715107381248.0/11
 Right Out: 5495.452+/-0.000 χ^2/NDF : 139584988563962510194230278268369577705472.0/17
 Left In: 4288.058+/-0.000 χ^2/NDF : 2735636712385094187455165788777797910528.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1135.811+/-0.000 χ^2/NDF : 1824005819812756990146951558918737756160.0/16
 Left Out: 258.670+/-0.000 χ^2/NDF : 2829286833241859007622586413730496512.0/11
 Right Out: 990.520+/-0.000 χ^2/NDF : 932180516409120093653543317868461948928.0/17
 Left In: 267.701+/-0.000 χ^2/NDF : 5915399599612443264375094627914481664.0/10

dit_sam2_coil6_Ndata_mean vs Slug



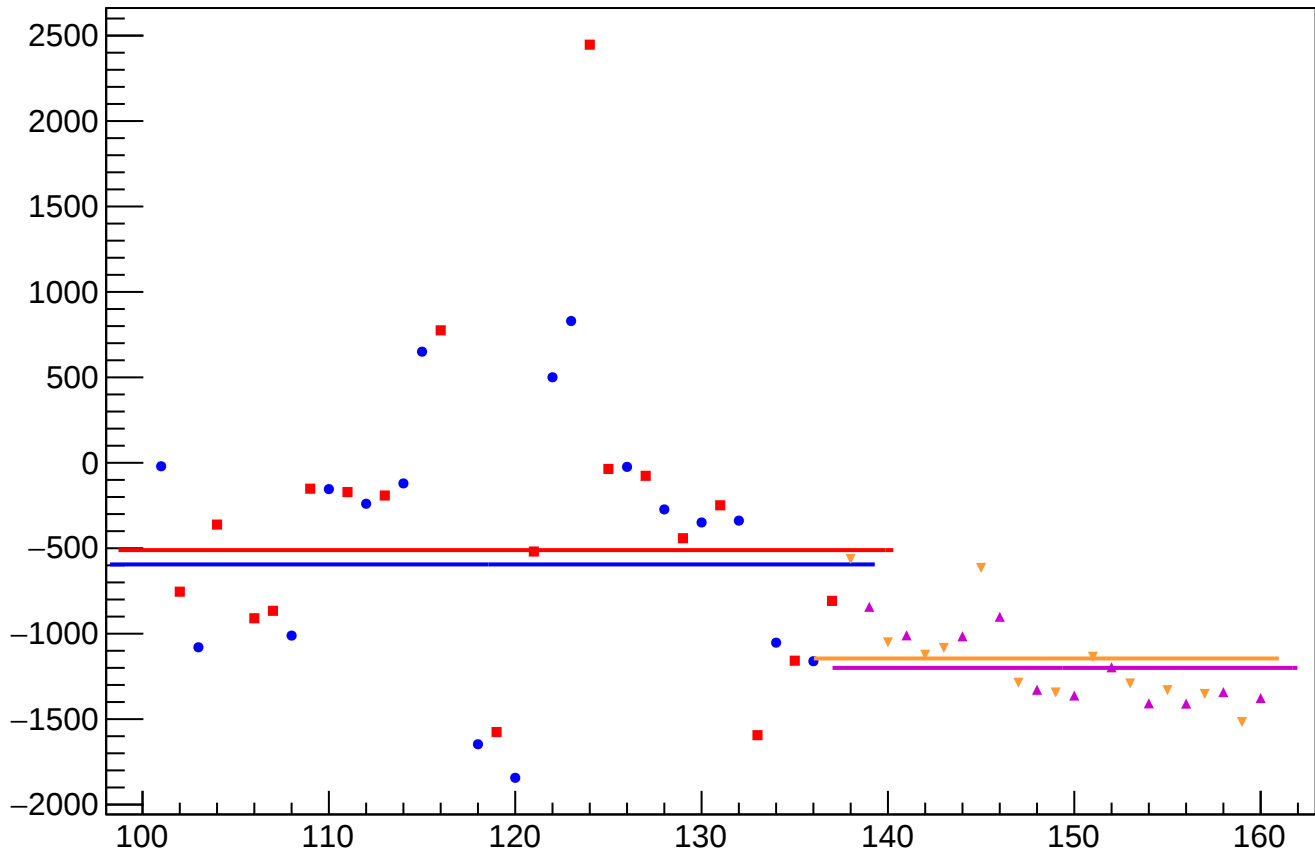
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

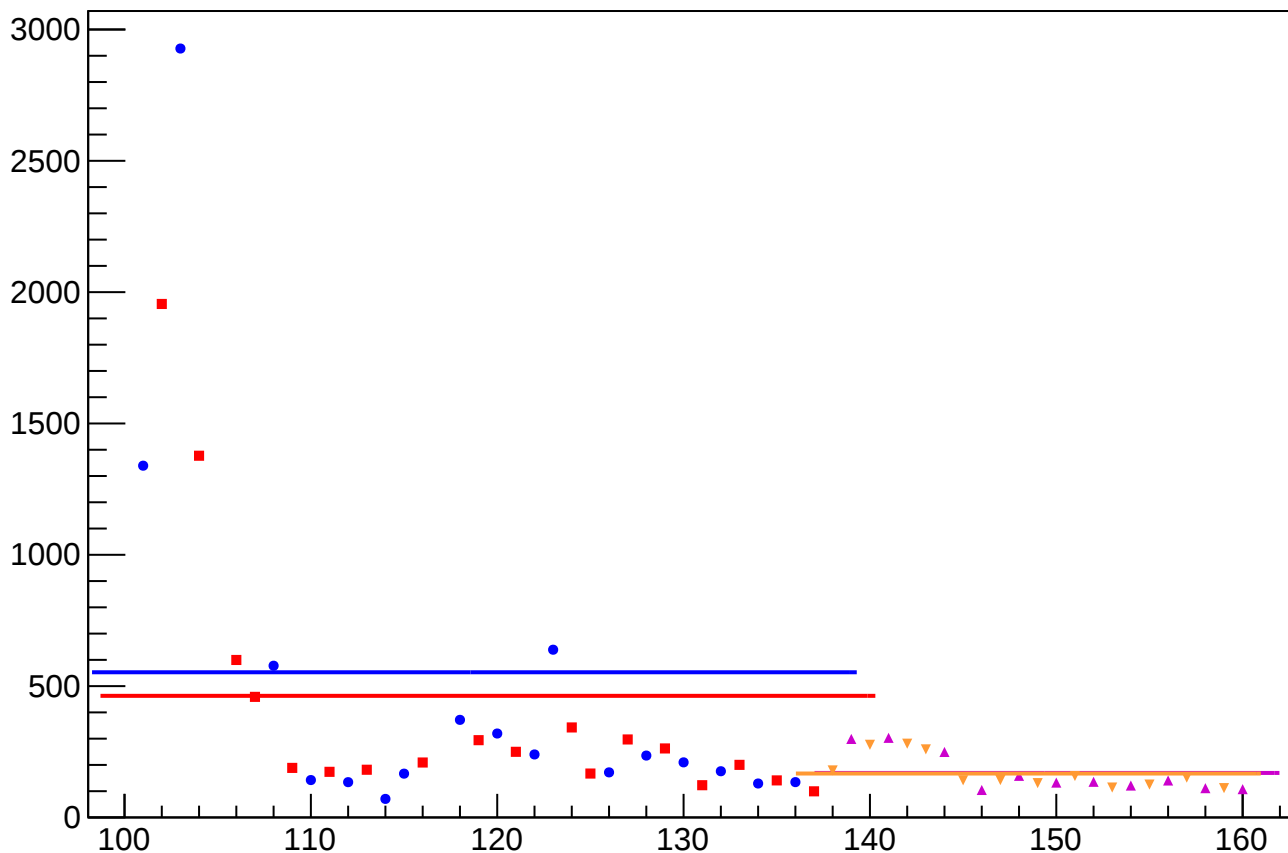
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam3_coil6_mean vs Slug



Right In: -594.642+/-0.000 χ^2/NDF : 301185427986157798818990027839559958528.0/16
 Left Out: -1145.023+/-0.000 χ^2/NDF : 73058158331350430415583816889325846528.0/11
 Right Out: -510.991+/-0.000 χ^2/NDF : 345692362052681149269006983787007967232.0/17
 Left In: -1200.159+/-0.000 χ^2/NDF : 39206754972923098015710381582583857152.0/10

dit_sam3_coil6_err_mean vs Slug



Right In: 552.756+/-0.000 χ^2/NDF : 438588904166490483585471990950715719680.0/16

+ sign 334.164+/-0.000 χ^2/NDF : 500088527785201

Left Out: 167.275+/-0.000 χ^2/NDF : 3021189019464897046042040078702739456.0/11

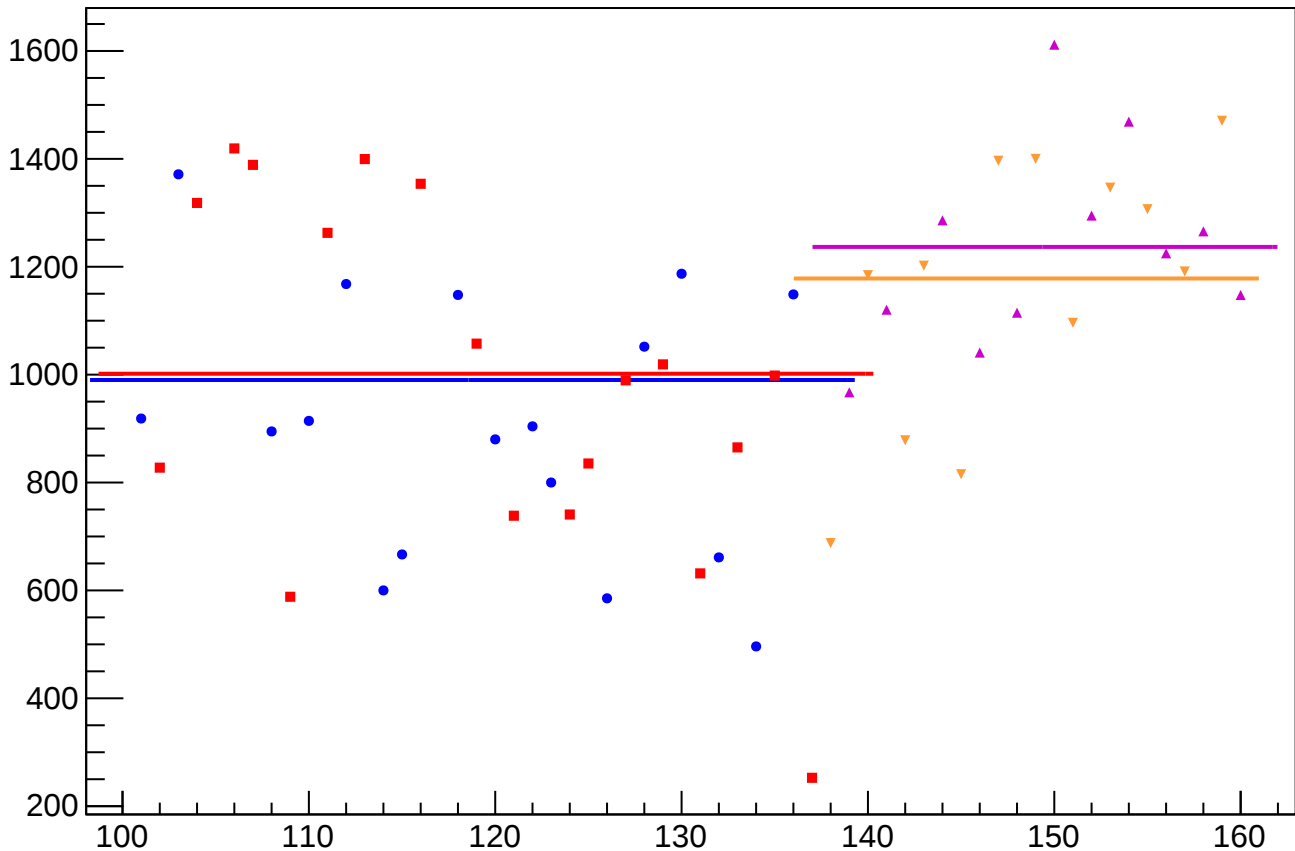
All: 315.246+/-0.000 χ^2/NDF : 75029797735

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



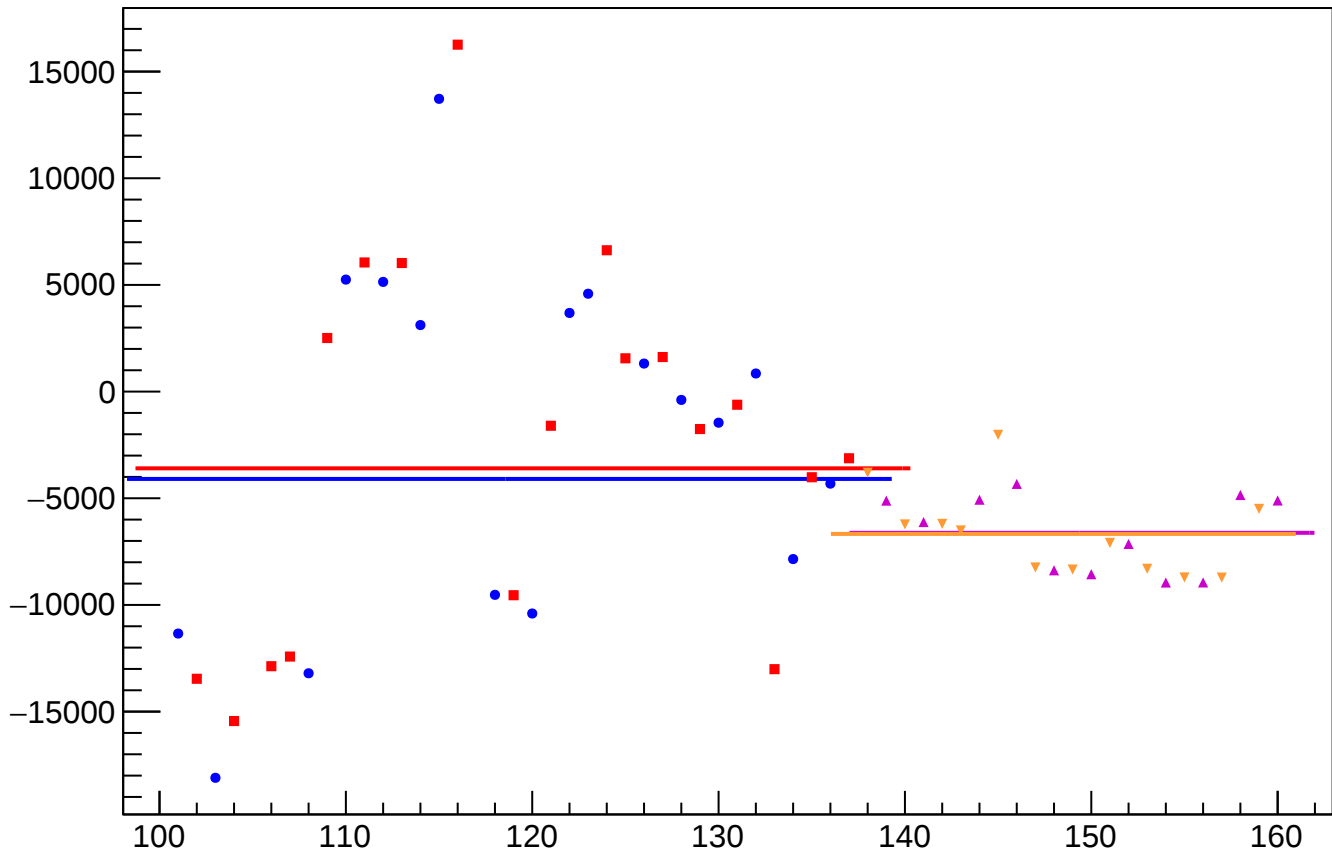
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

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

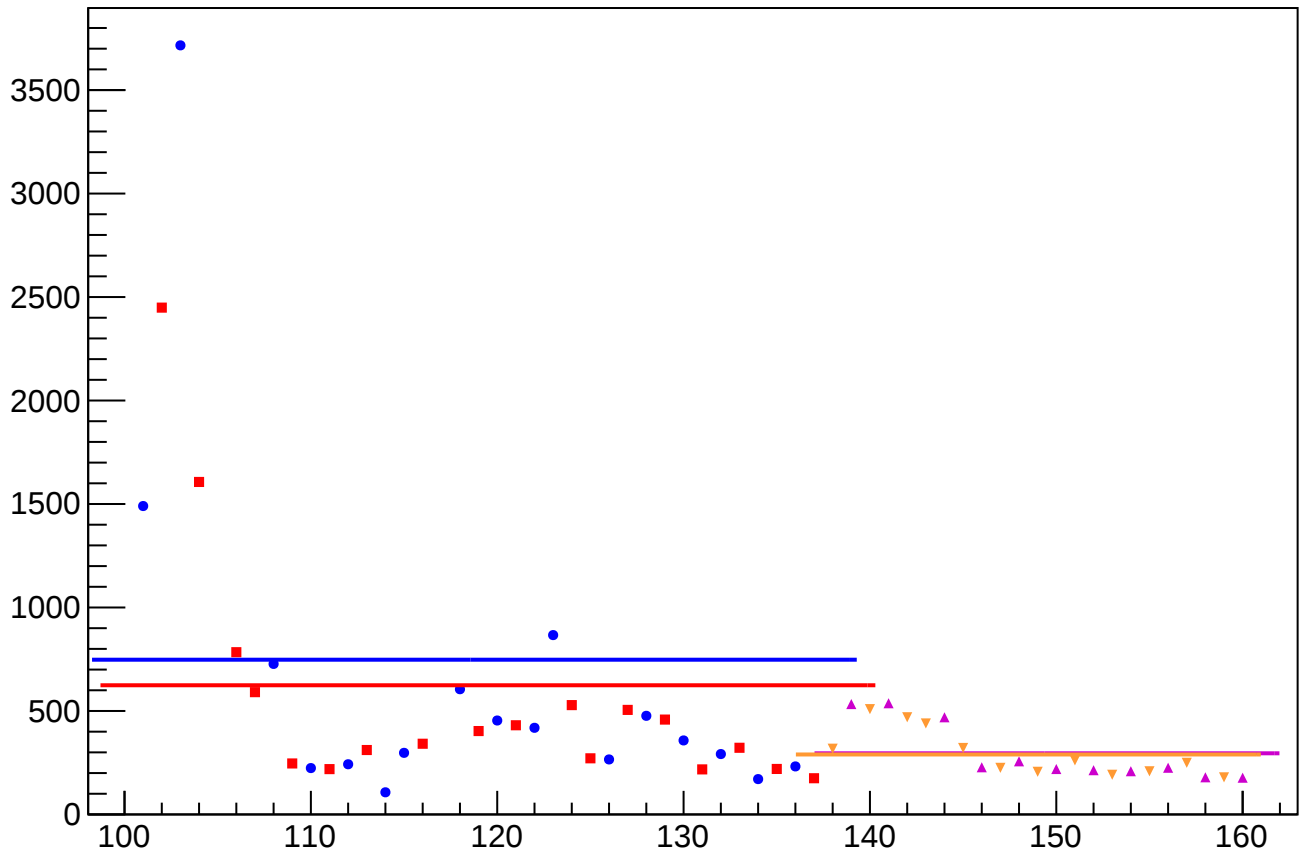
dit_sam4_coil6_mean vs Slug



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

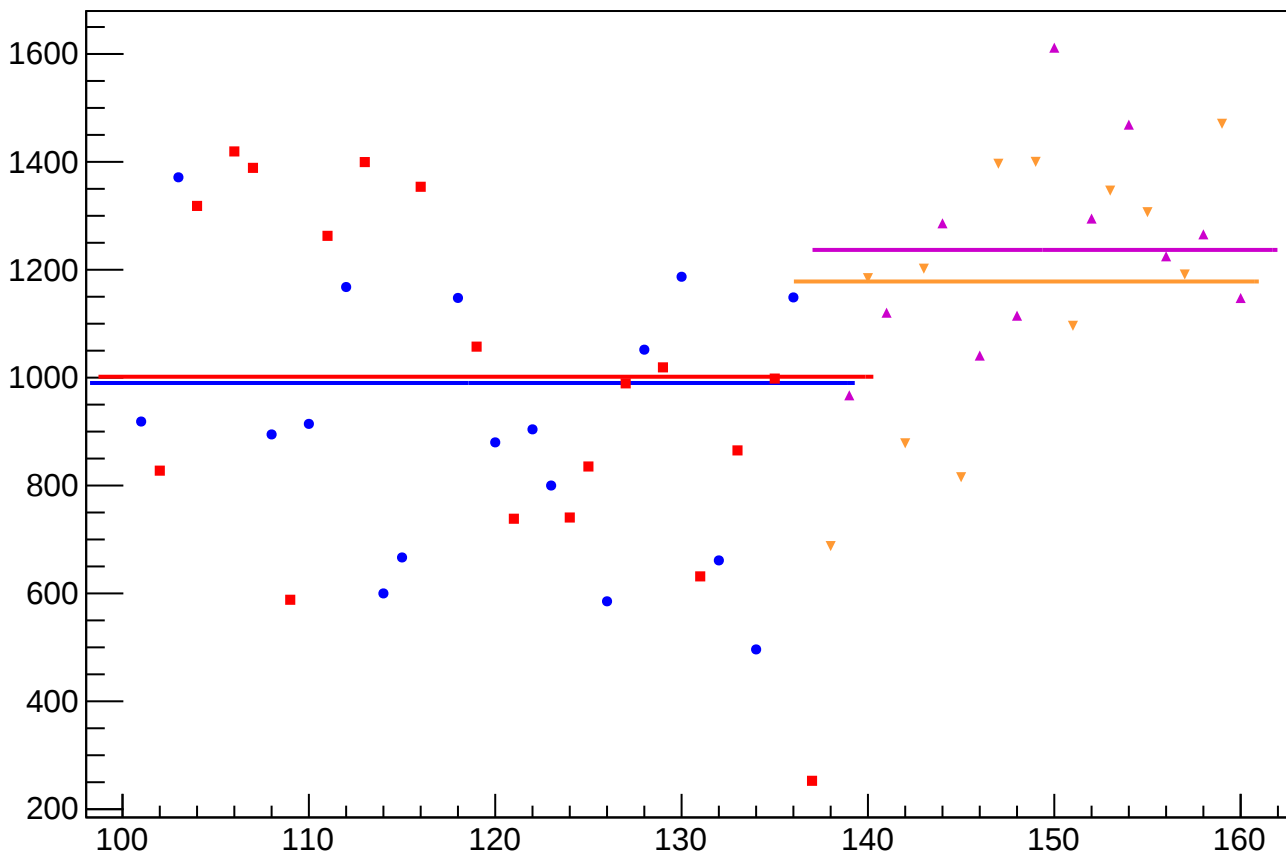
Left In: 295.493+/-0.000 χ^2/NDF : 17160133140926555155362591865869172736.0/10

+ 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



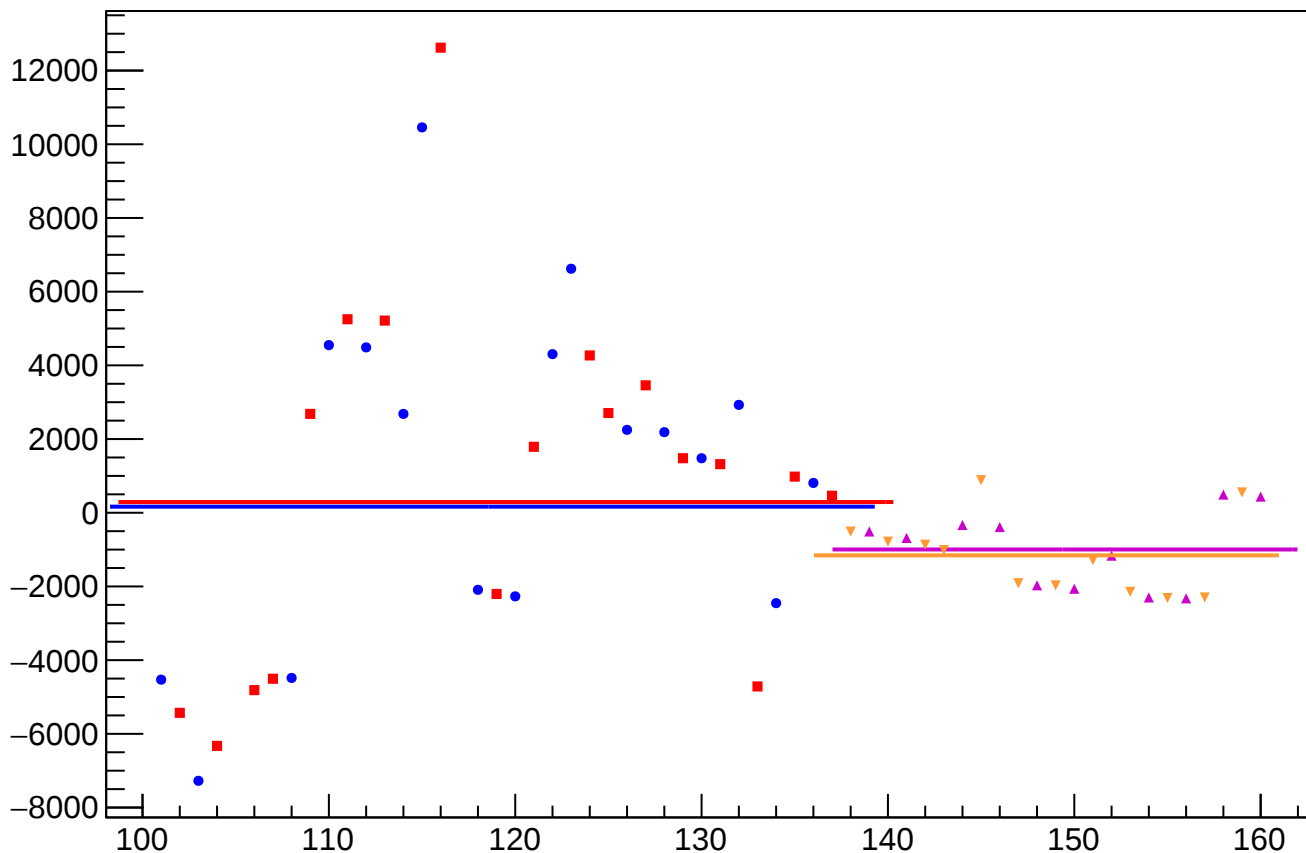
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

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

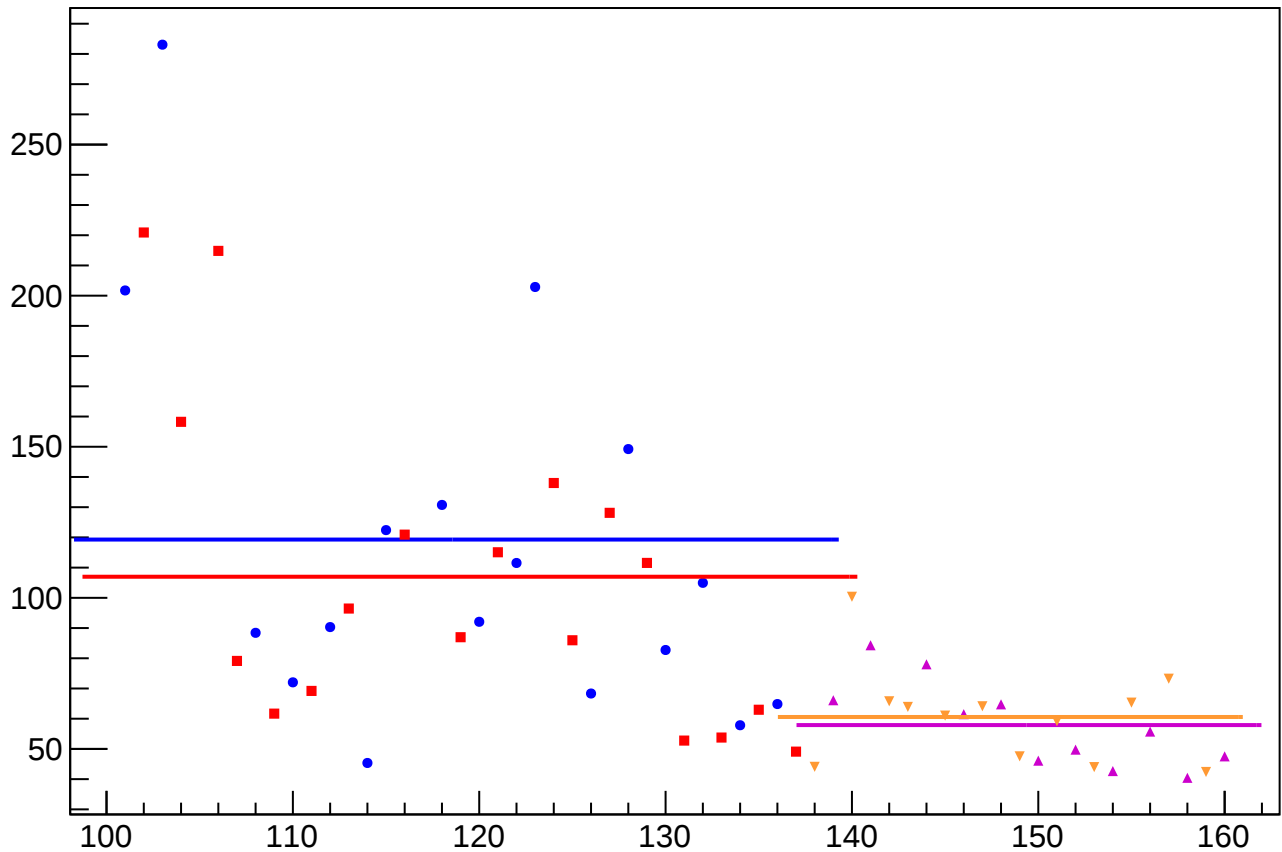
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

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



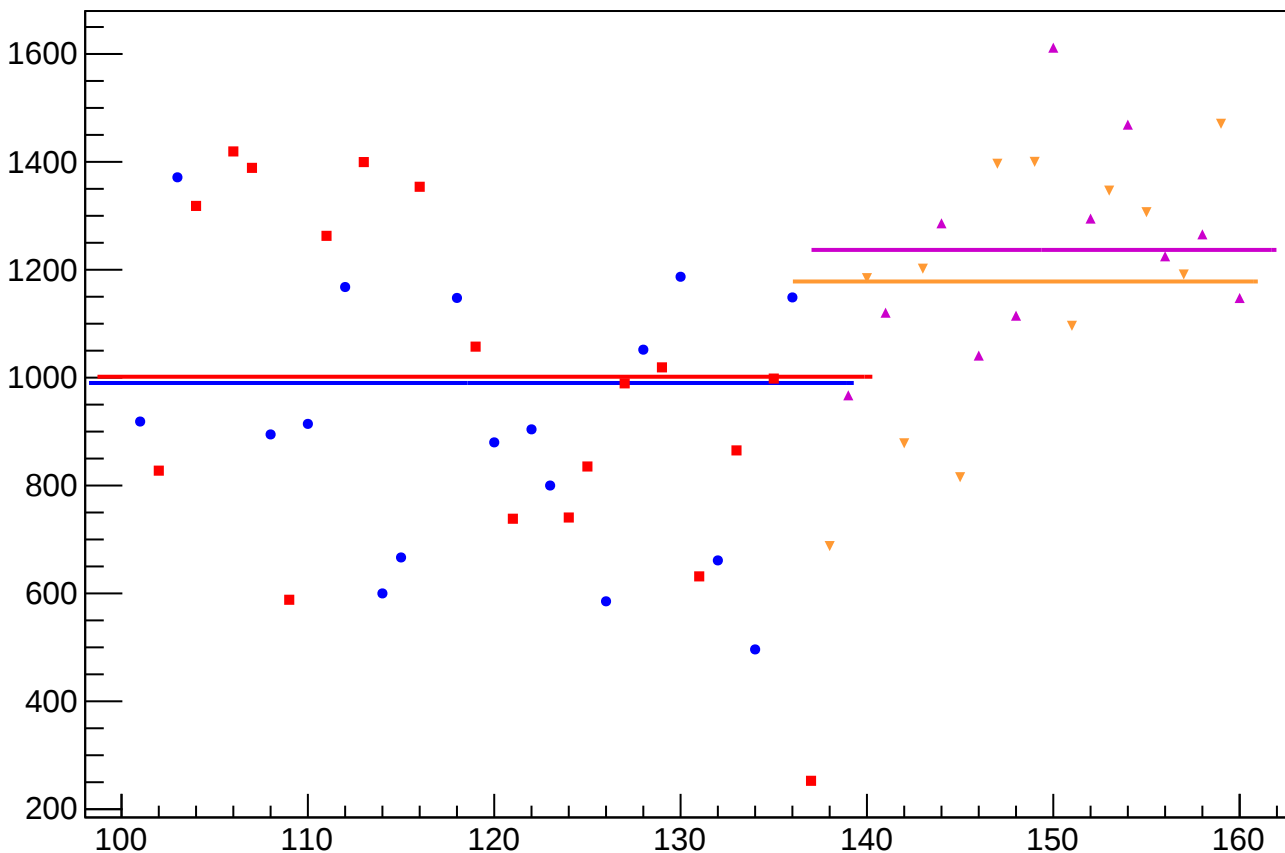
Right In: 119.288+/-0.000 χ^2/NDF : 2842654207411905514935251828991852544.0/16

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+/-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

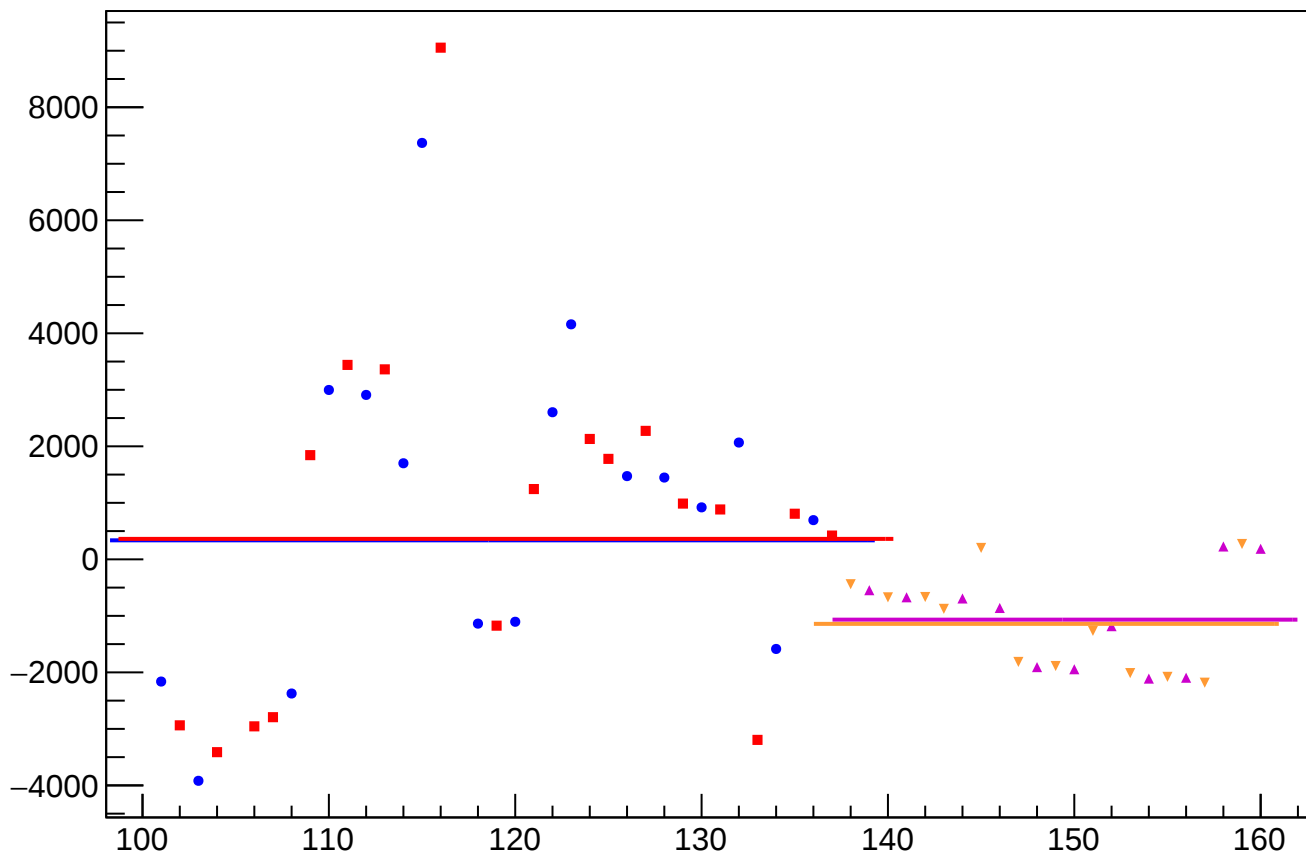
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ 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_sam6_coil6_mean vs Slug



Right In: 336.537+/-0.000 χ^2/NDF : 3711385432707324073014239747985928880128.0/16

Left Out: -1141.700+/-0.000 χ^2/NDF : 670526328034965940264034289134346436608.0/11

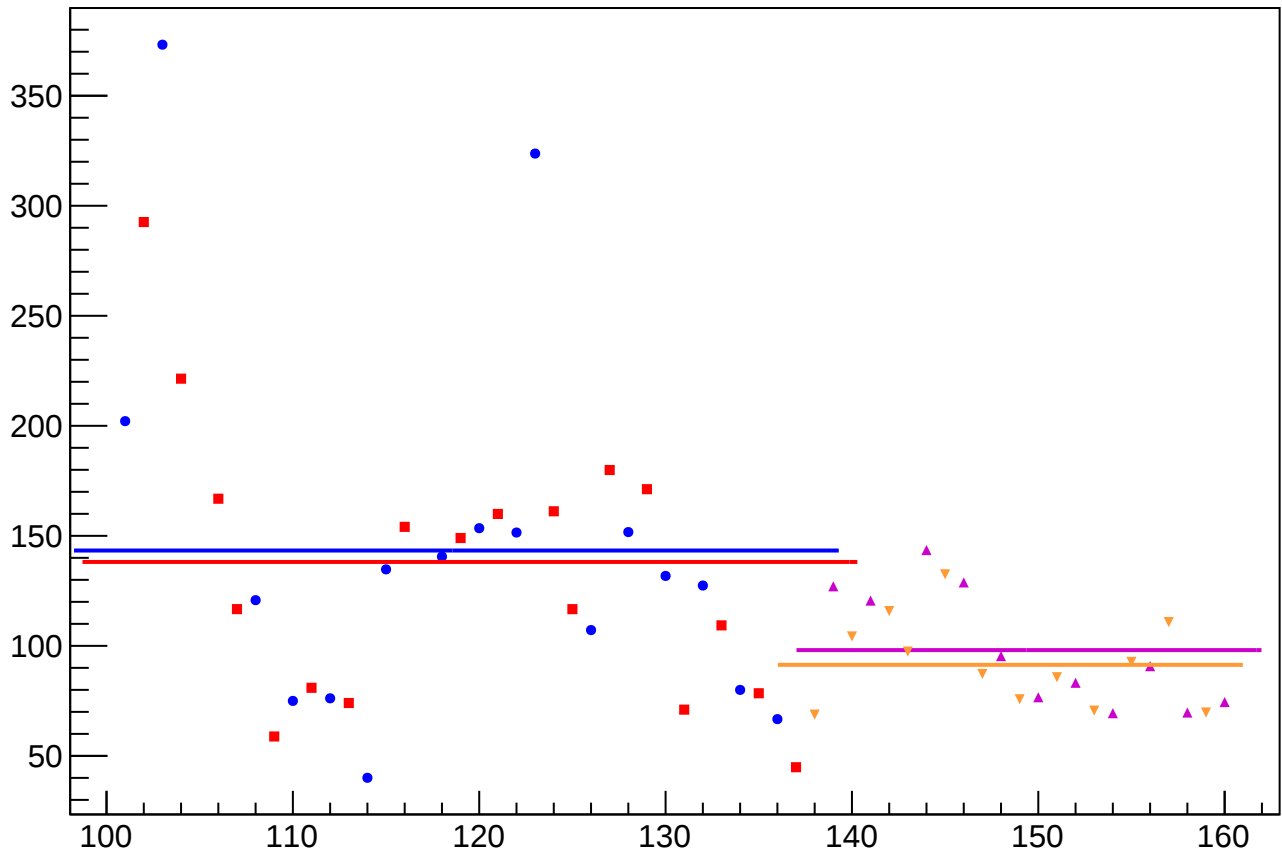
Right Out: 362.052+/-0.000 χ^2/NDF : 5966784958004941474881704867040847724544.0/17

Left In: -1067.159+/-0.000 χ^2/NDF : 629450133544261438998185081673399402496.0/10

All: -474.020+/-0.000 χ^2/NDF : 12667375647

- sign -447.082+/-0.000 χ^2/NDF : 742307843643775

dit_sam6_coil6_err_mean vs Slug



Right In: 143.327+/-0.000 χ^2/NDF : 4671526487507242419296658853814337536.0/16

Left Out: 91.381+/-0.000 χ^2/NDF : 342224682721014507534258785086341120.0/11

Right Out: 138.133+/-0.000 χ^2/NDF : 3152322250150098804756661412355375104.0/17

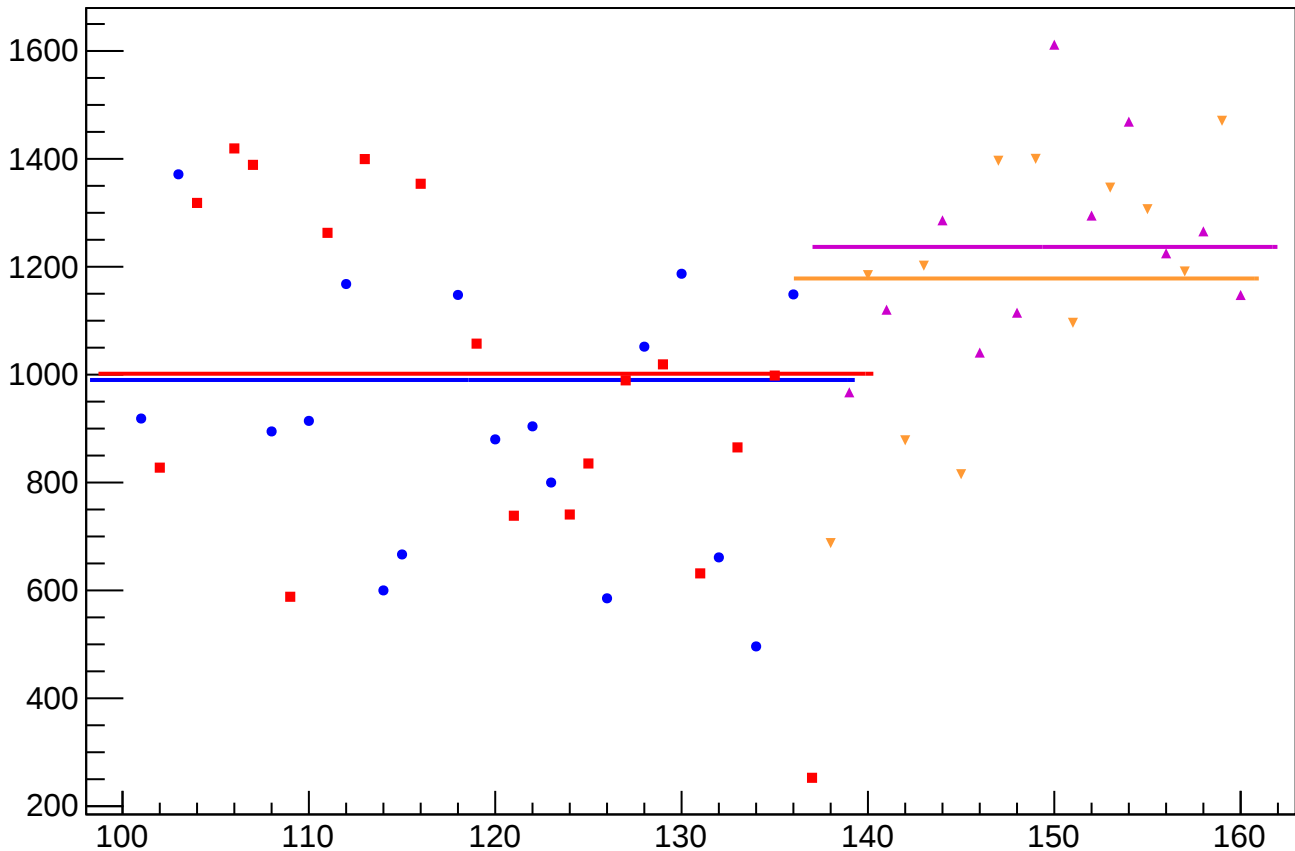
Left In: 98.068+/-0.000 χ^2/NDF : 624217570941141558165697948106620928.0/10

All: 114.672+/-0.000 χ^2/NDF : 105039923039

+ sign 113.871+/-0.000 χ^2/NDF : 607566845752250

- sign 115.451+/-0.000 χ^2/NDF : 442629552250207

dit_sam6_coil6_Ndata_mean vs Slug



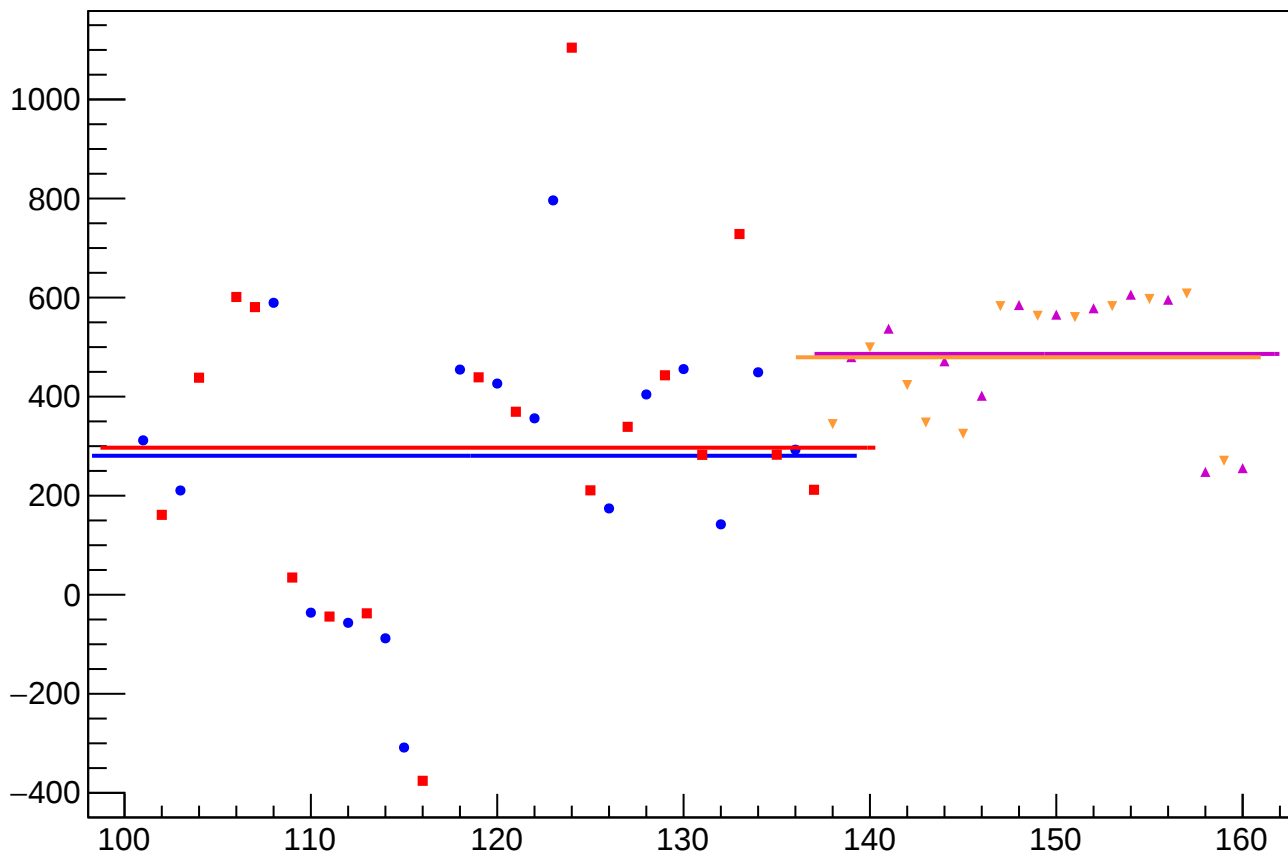
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

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

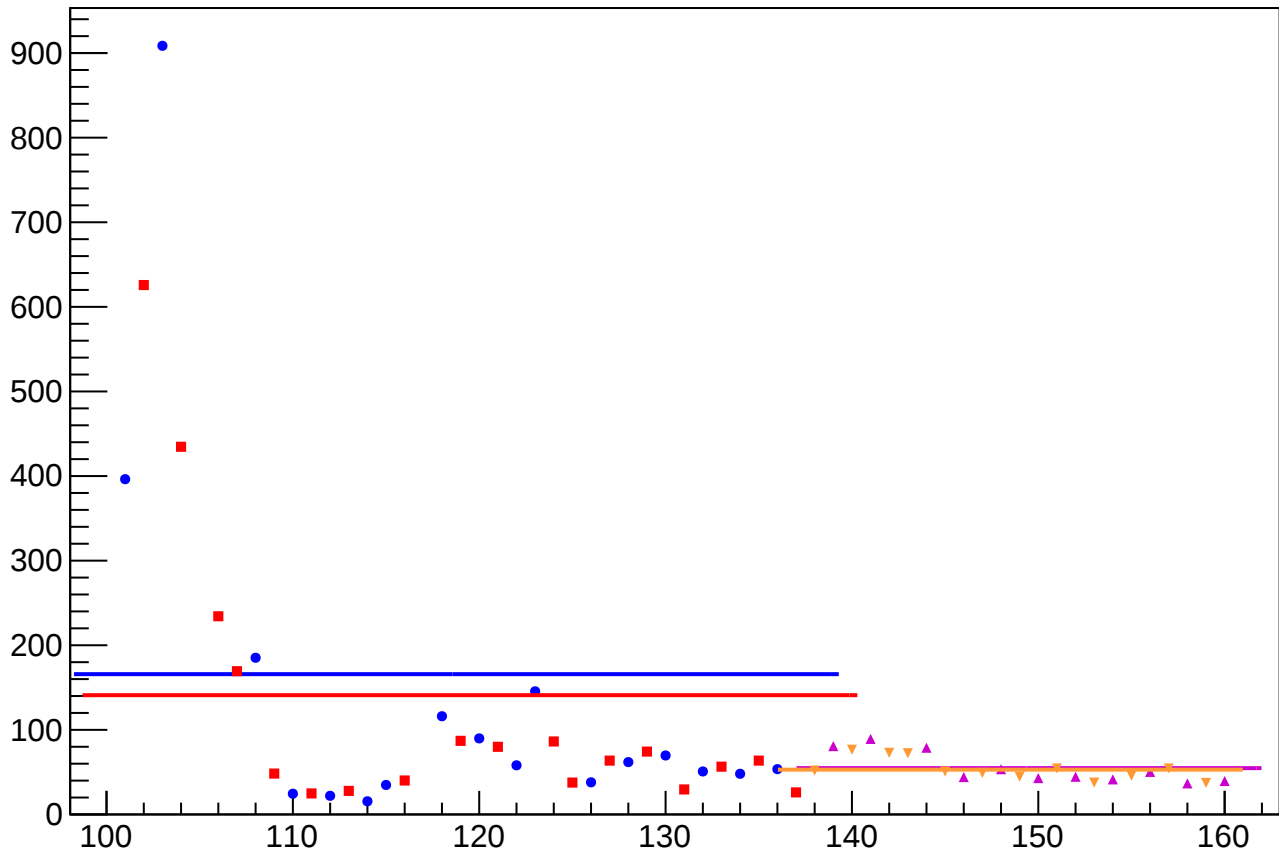
Left In: 486.206+/-0.000 χ^2/NDF : 14204620343976110093613729776425500672.0/10

+ sign 393.336+/-0.000 χ^2/NDF : 557168834834471

All: 398.780+/-0.000 χ^2/NDF : 137672893429

- sign 404.076+/-0.000 χ^2/NDF : 818622910309436

dit_sam7_coil6_err_mean vs Slug



Right In: 165.841 $\pm$ 0.000 χ^2 /NDF: 42388910284637758892134233675562745856.0/16

+ sign 101.822 $\pm$ 0.000 χ^2 /NDF: 475447765404594

Left Out: 52.946 $\pm$ 0.000 χ^2 /NDF: 140060109724135025714892303400697856.0/11

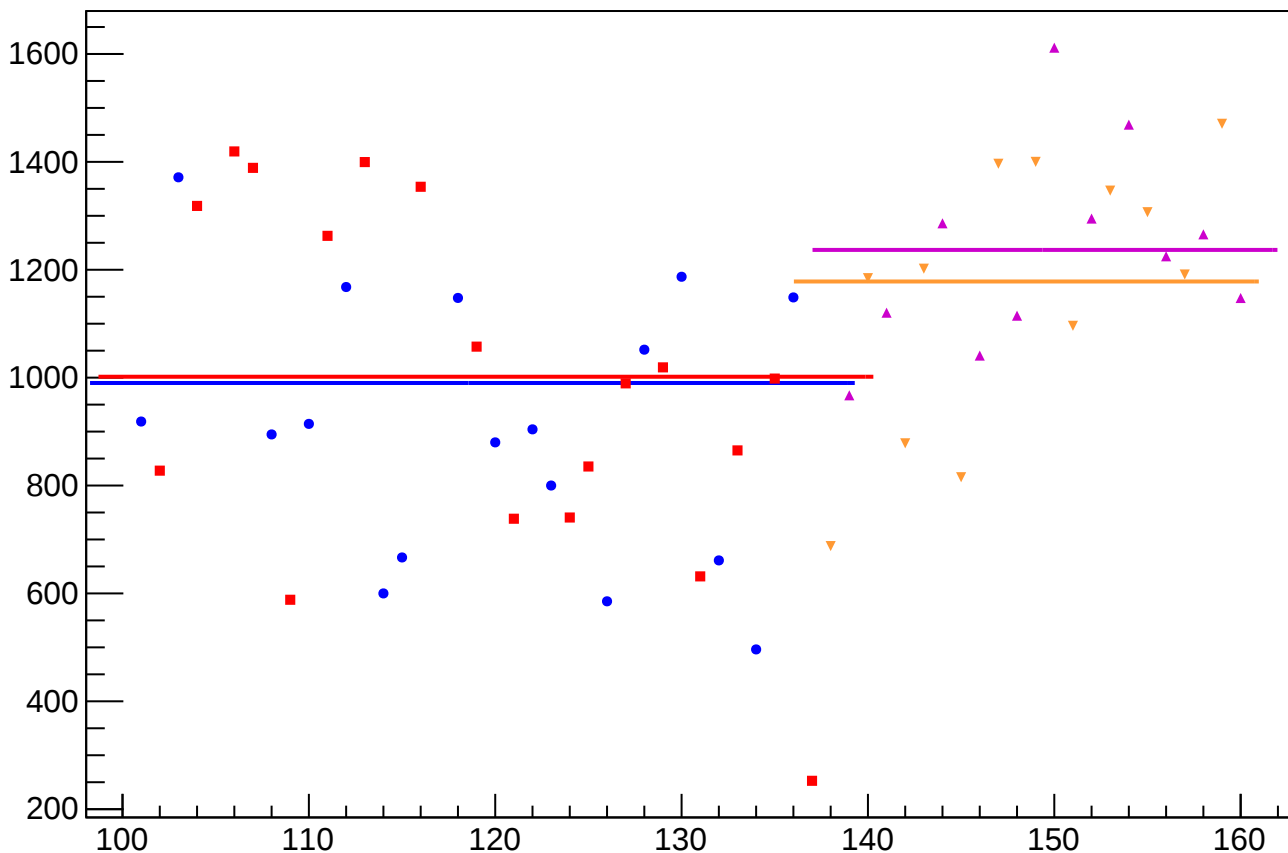
All: 96.926 $\pm$ 0.000 χ^2 /NDF: 7360699399665

Right Out: 140.976 $\pm$ 0.000 χ^2 /NDF: 22674964646016742017185923250652184576.0/17

- sign 92.163 $\pm$ 0.000 χ^2 /NDF: 2598639447184195

Left In: 54.754 $\pm$ 0.000 χ^2 /NDF: 302128520341219592884404395924520960.0/10

dit_sam7_coil6_Ndata_mean vs Slug



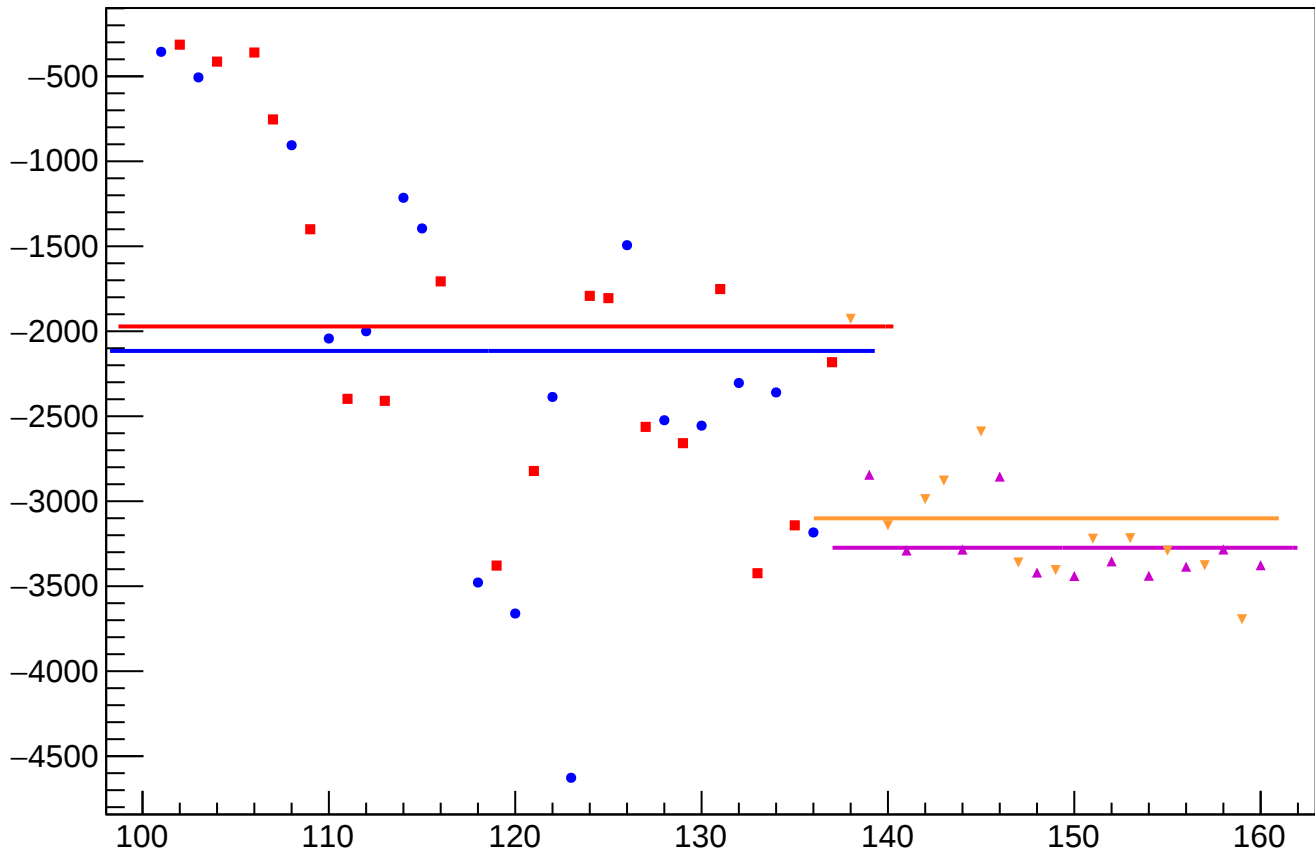
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

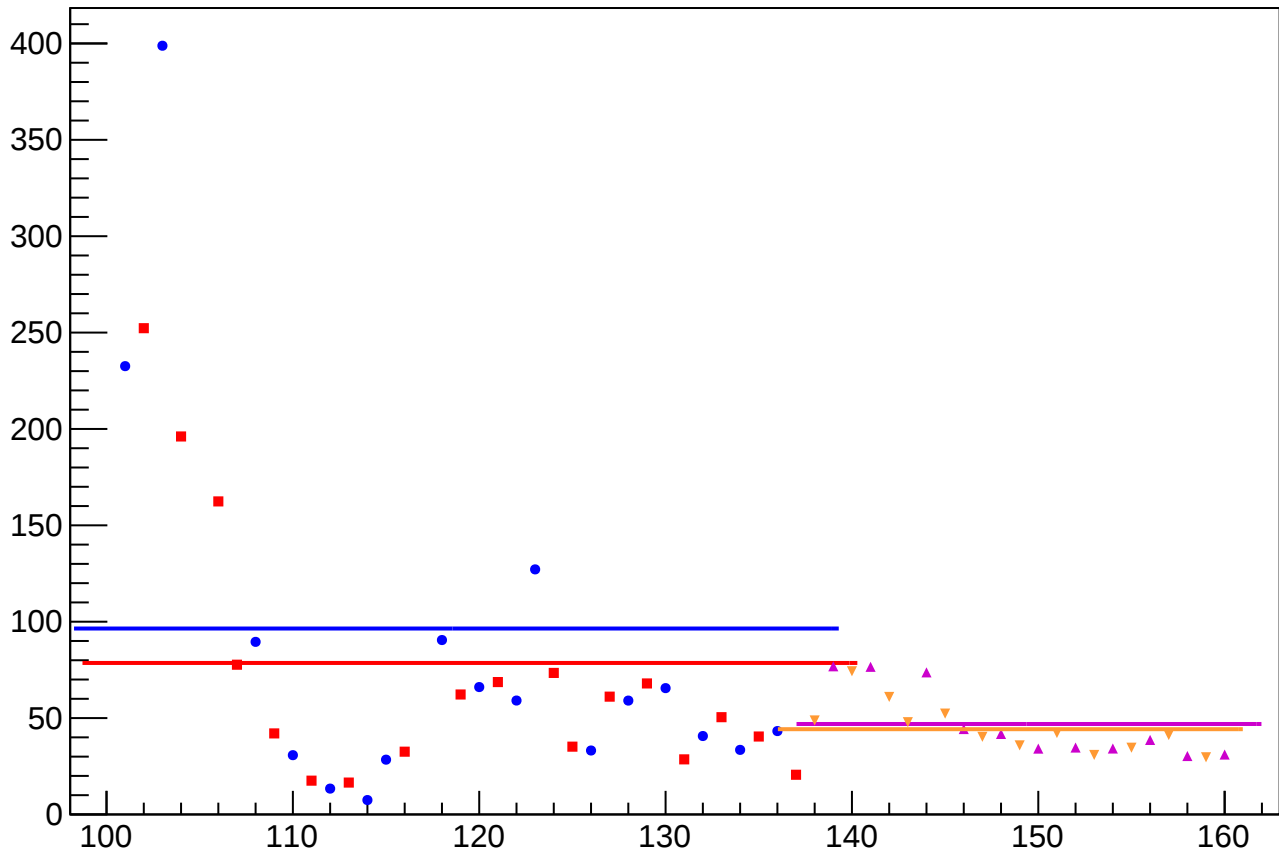
dit_sam8_coil6_mean vs Slug



Right In: -2115.686+/-0.000	χ^2/NDF : 754451931643030128758883529777223827456.0/16
Left Out: -3100.691+/-0.000	χ^2/NDF : 183916401222864919809075393490919096320.0/11
Right Out: -1971.716+/-0.000	χ^2/NDF : 778865201263461024769541360998730956800.0/17
Left In: -3273.761+/-0.000	χ^2/NDF : 38674829040753317782722595133075750912.0/10

+ sign -2674.244+/-0.000 χ^2/NDF : 1320195564662
 All: -2691.790+/-0.000 χ^2/NDF : 2824958696
 - sign -2708.857+/-0.000 χ^2/NDF : 15037896389045

dit_sam8_coil6_err_mean vs Slug



Right In: 96.465+/-0.000 χ^2/NDF : 7977727256930133620372701565161570304.0/16

Left Out: 44.236+/-0.000 χ^2/NDF : 142258955441054075250551696151019520.0/11

Right Out: 78.600+/-0.000 χ^2/NDF : 3499001556563234508710770672385654784.0/17

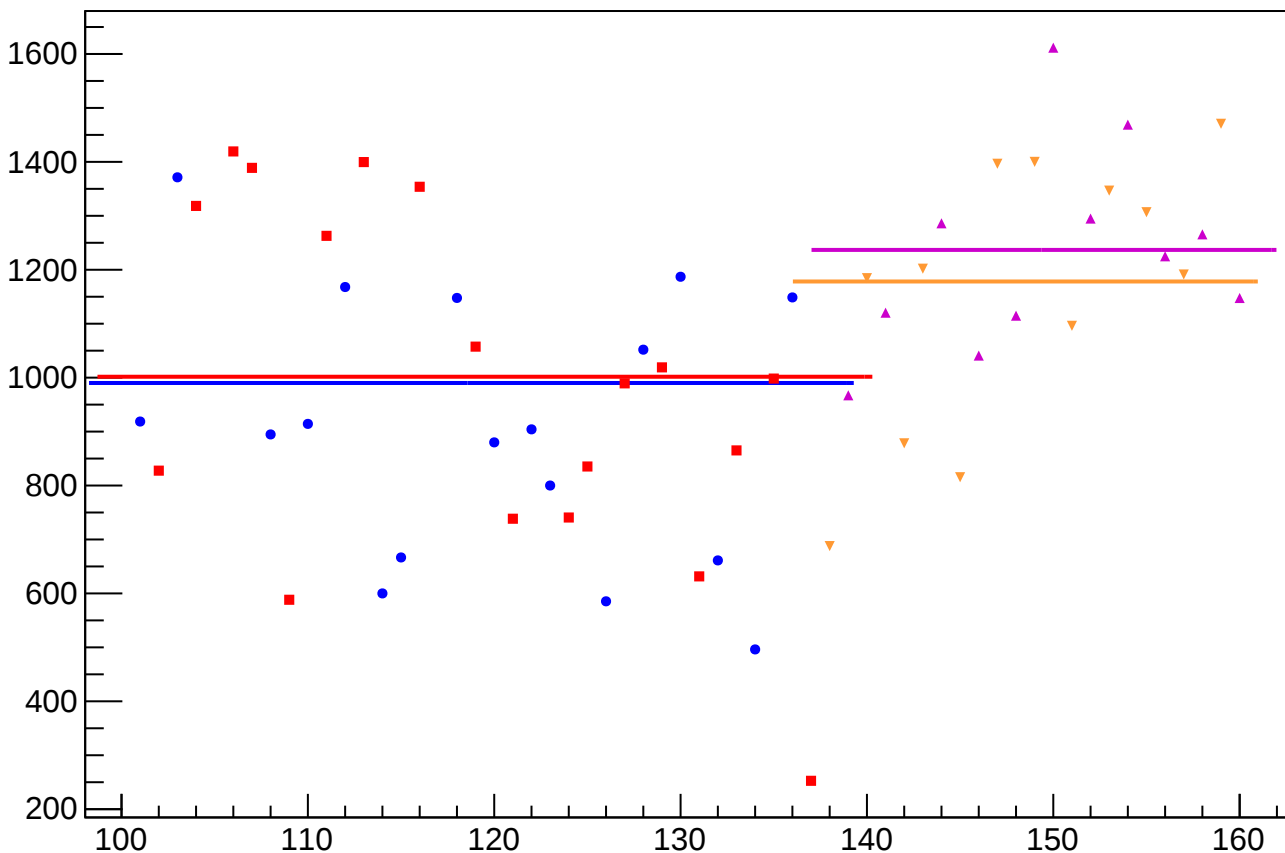
Left In: 46.934+/-0.000 χ^2/NDF : 304947612143078258069151469537329152.0/10

+ sign 66.848+/-0.000 χ^2/NDF : 9193488405718149

All: 63.717+/-0.000 χ^2/NDF : 1343431065119

- sign 60.672+/-0.000 χ^2/NDF : 4209832838223490

dit_sam8_coil6_Ndata_mean vs Slug



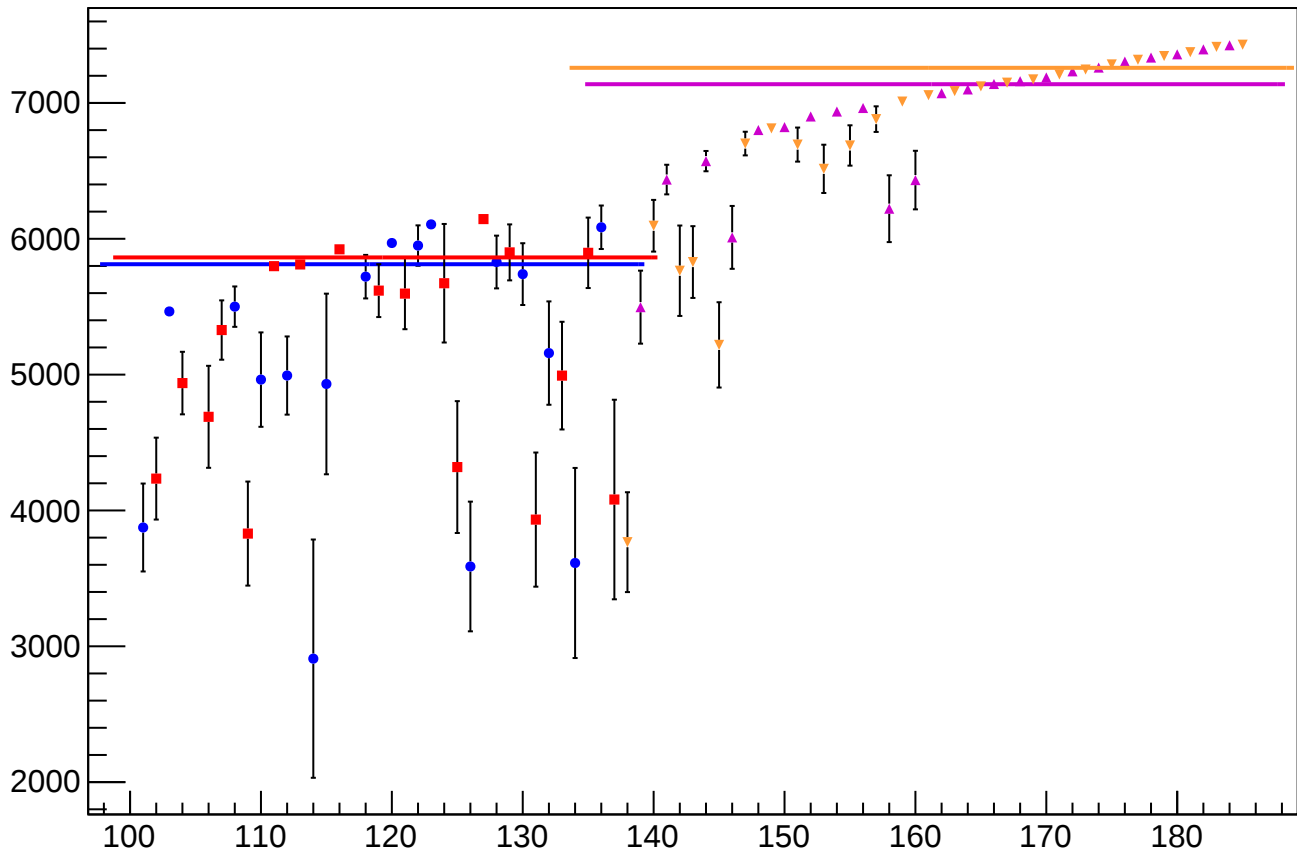
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_run_mean vs Slug



Right In: 5812.740+/-0.171 χ^2/NDF : 2217854.6/16

Left Out: 7258.635+/-0.092 χ^2/NDF : 4237942.4/24

Right Out: 5862.788+/-0.139 χ^2/NDF : 199291.9/17

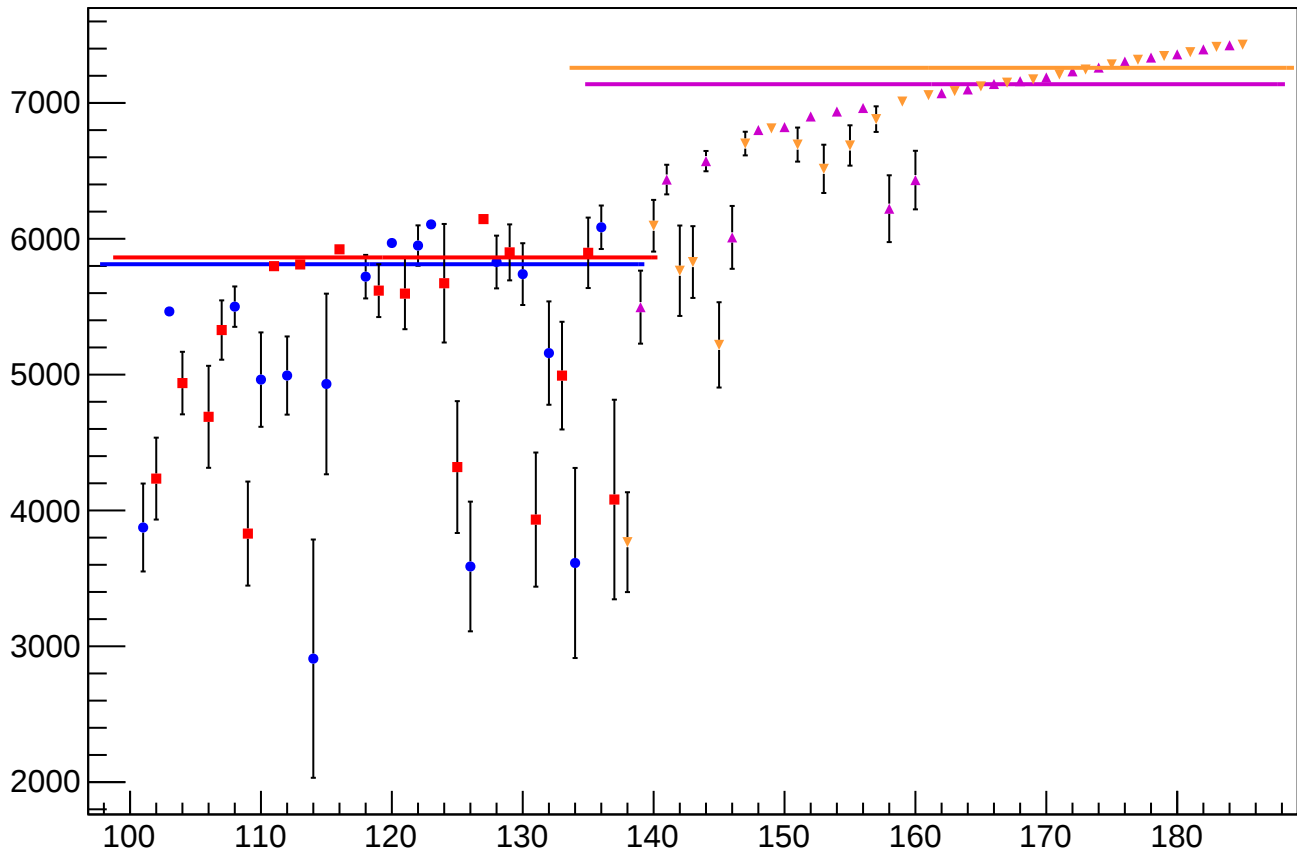
Left In: 7137.987+/-0.098 χ^2/NDF : 4549121.8/22

+ sign 6933.639+/-0.081 χ^2/NDF : 62160937.3/41

All: 6823.107+/-0.057 χ^2/NDF : 126611027.2

- sign 6714.188+/-0.080 χ^2/NDF : 60740936.0/40

dit_run_rms vs Slug



Right In: 5812.740+/-0.171 χ^2/NDF : 2217854.6/16

Left Out: 7258.635+/-0.092 χ^2/NDF : 4237942.4/24

Right Out: 5862.788+/-0.139 χ^2/NDF : 199291.9/17

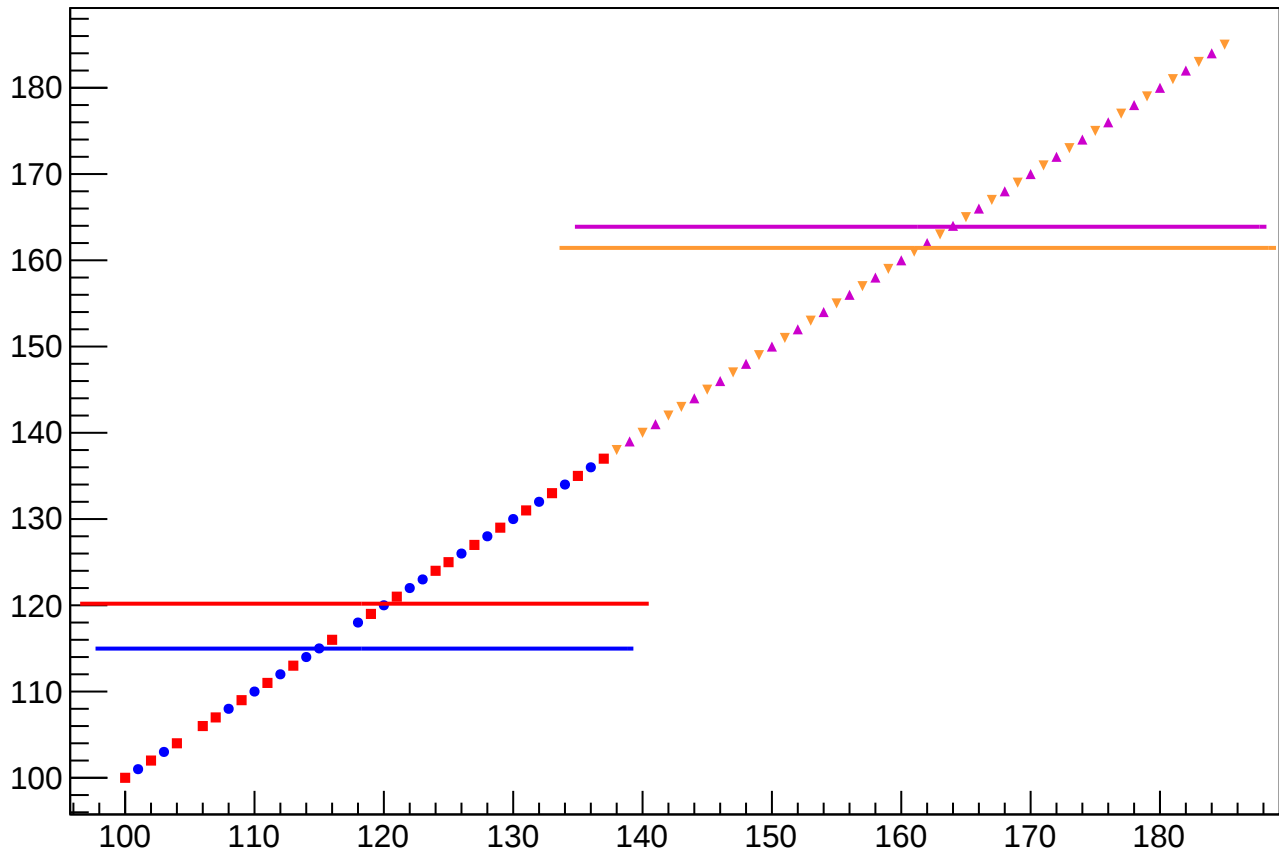
Left In: 7137.987+/-0.098 χ^2/NDF : 4549121.8/22

+ sign 6933.639+/-0.081 χ^2/NDF : 62160937.3/41

All: 6823.107+/-0.057 χ^2/NDF : 126611027.2

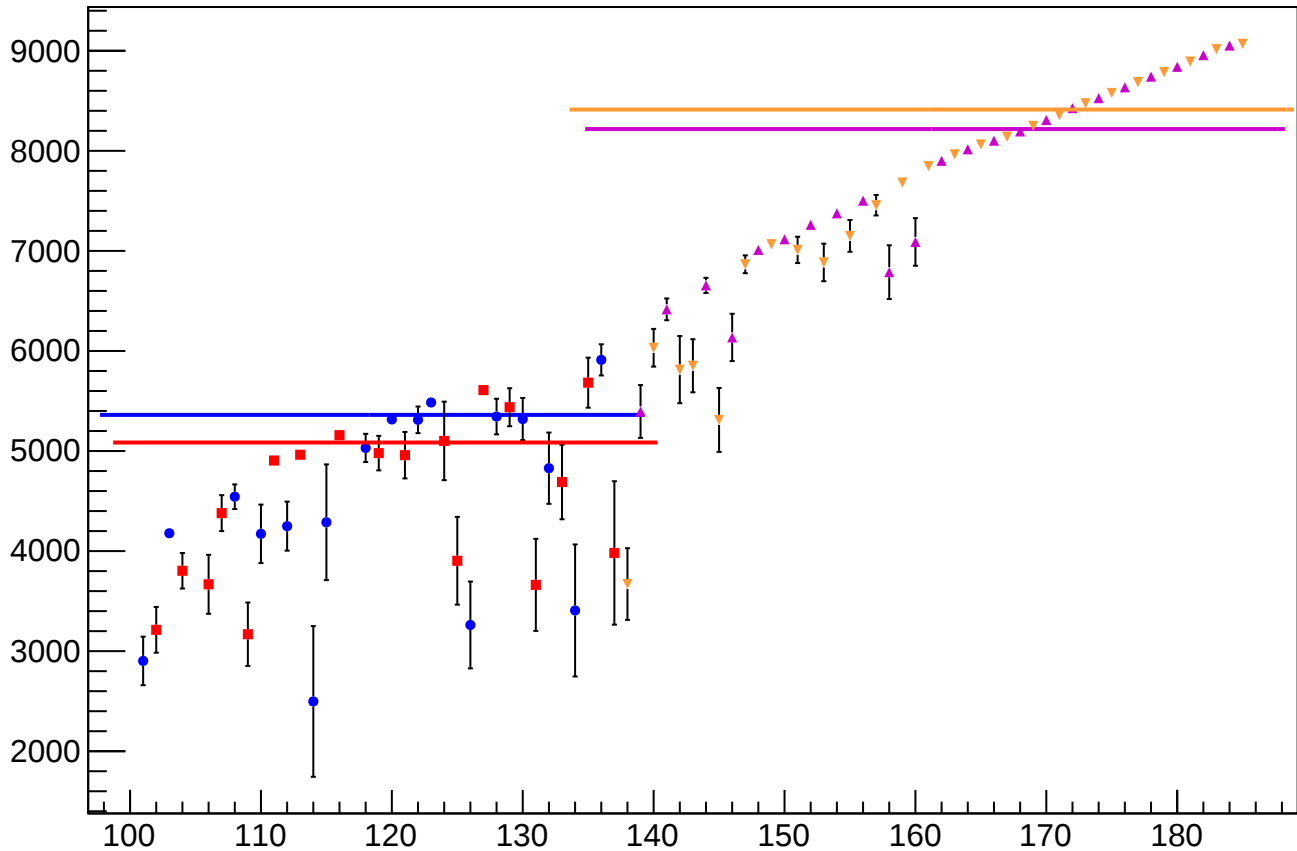
- sign 6714.188+/-0.080 χ^2/NDF : 60740936.0/40

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 161.437+/-0.000 χ^2/NDF : 144351415086772086919986205949952.0/24
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 163.890+/-0.000 χ^2/NDF : 206308926090069183709360387260416.0/22

dit_cyclenum_mean vs Slug



Right In: 5361.298 ± 0.441 χ^2/NDF : 607948.2/16

Left Out: 8412.743 ± 0.396 χ^2/NDF : 2106513.2/24

Right Out: 5085.163 ± 0.644 χ^2/NDF : 80603.0/17

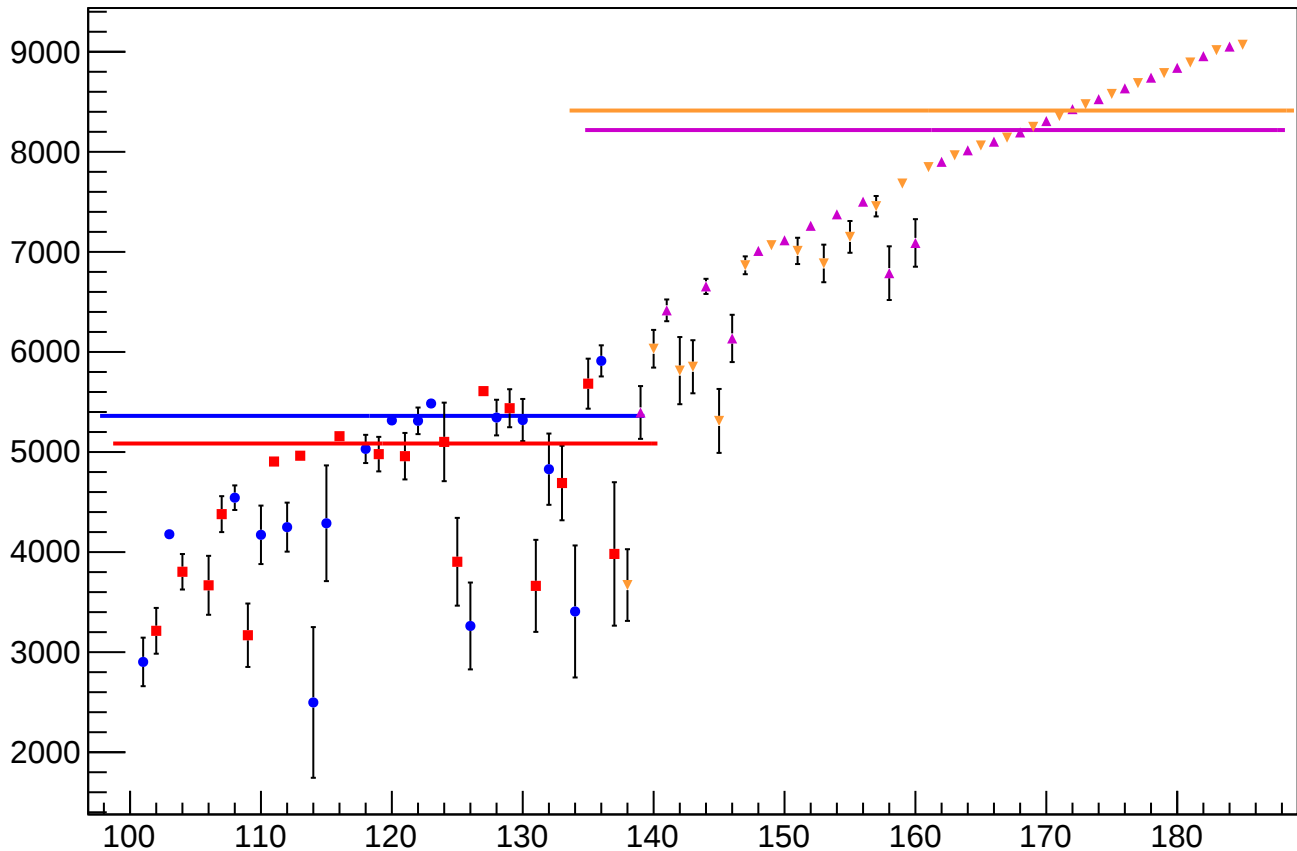
Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ sign 7052.681 ± 0.295 χ^2/NDF : 29216414.4/41

All: 7210.349 ± 0.219 χ^2/NDF : 50451759.5/8

- sign 7405.502 ± 0.328 χ^2/NDF : 20594472.1/40

dit_cyclenum_rms vs Slug



Right In: 5361.298 ± 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

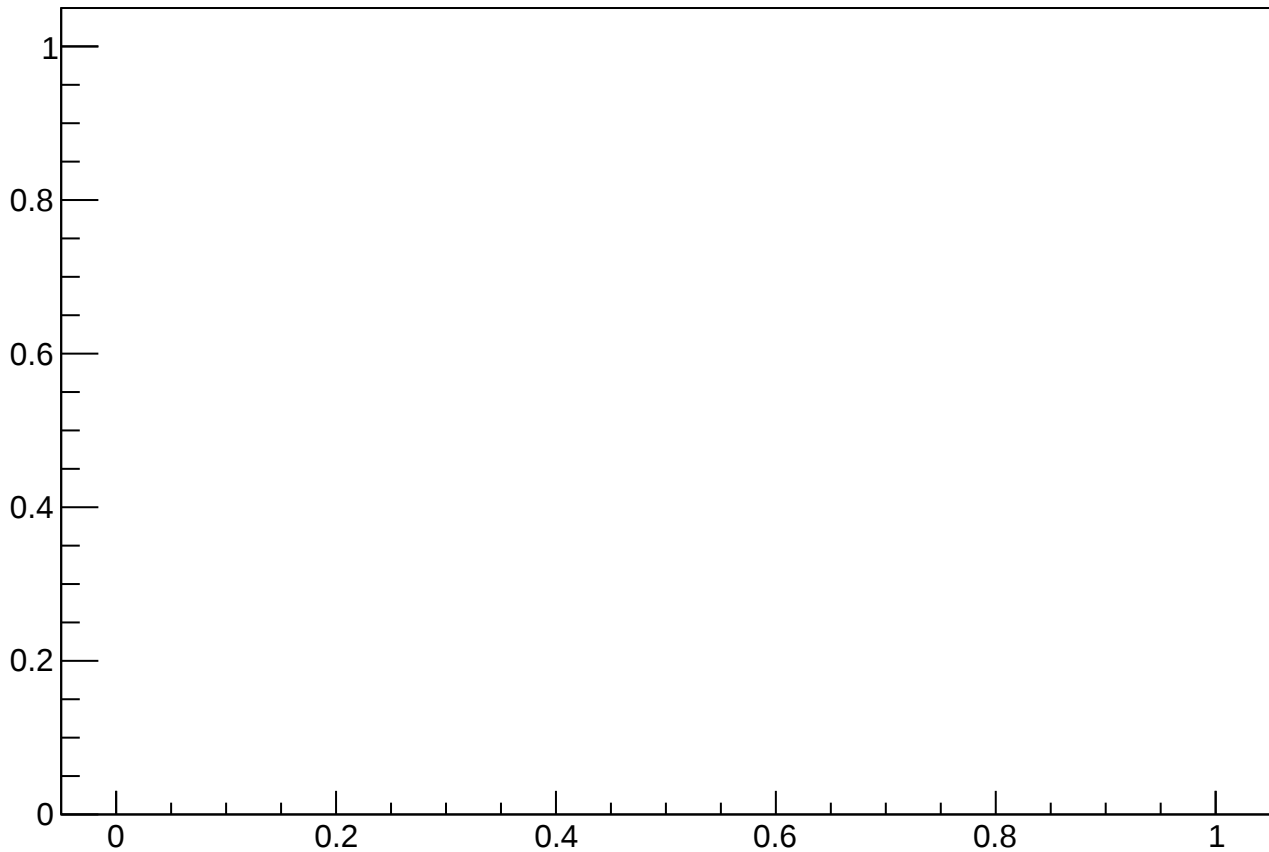
Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ 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

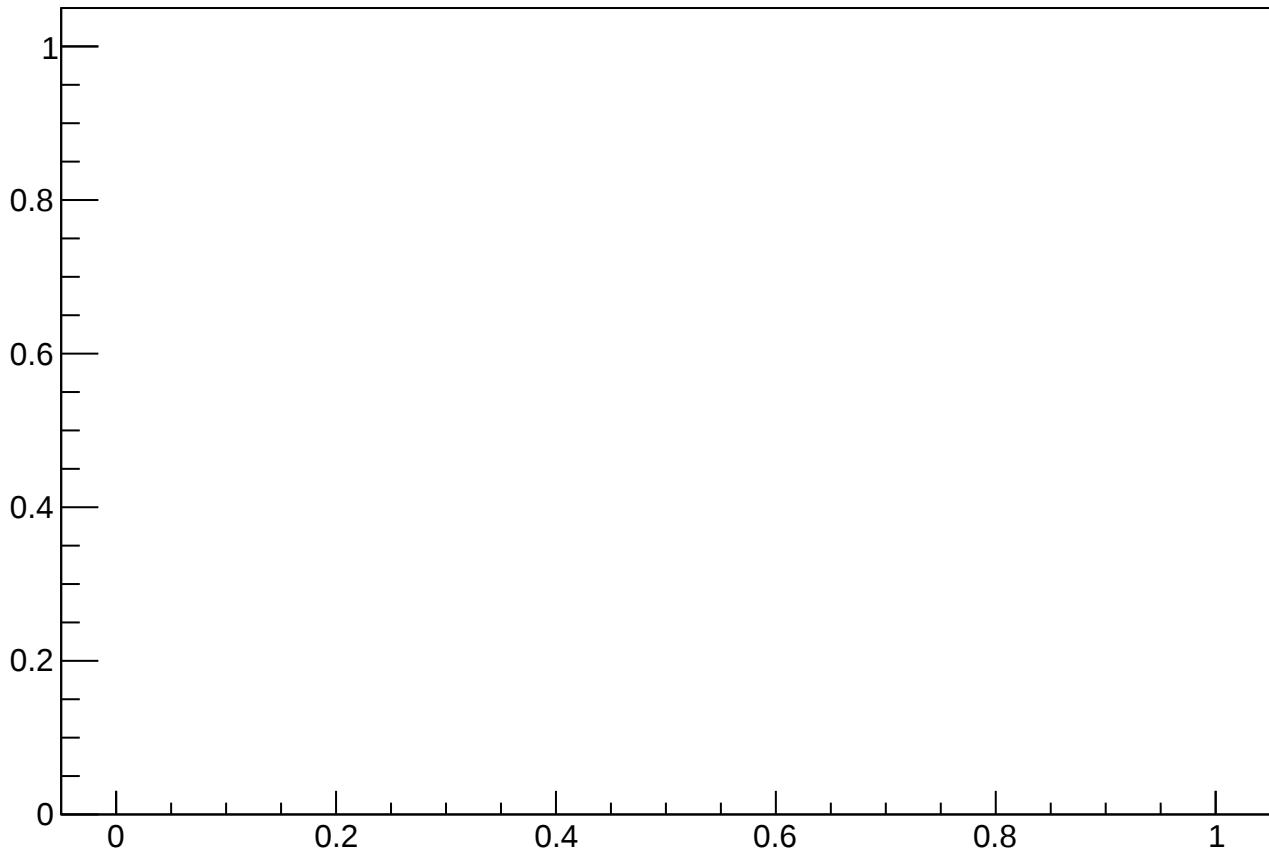
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

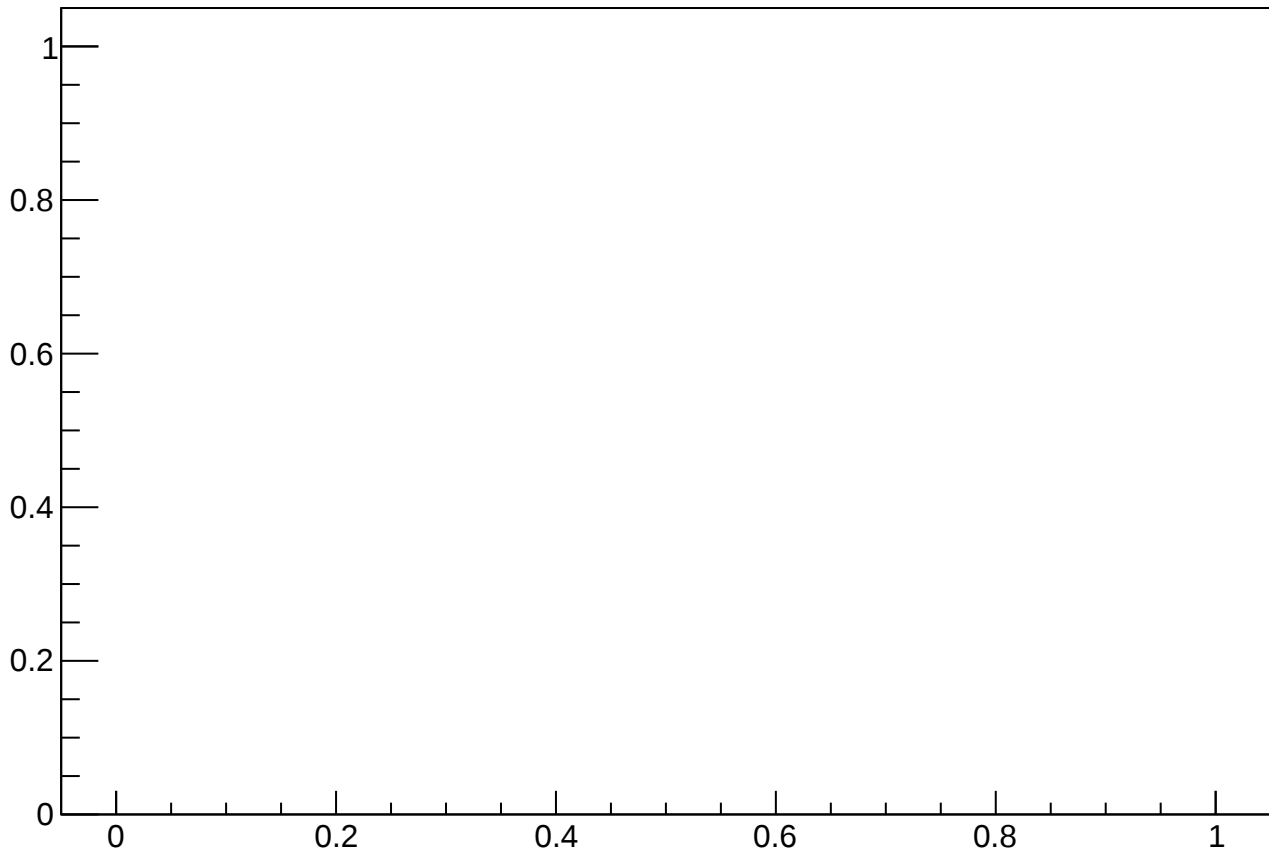
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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

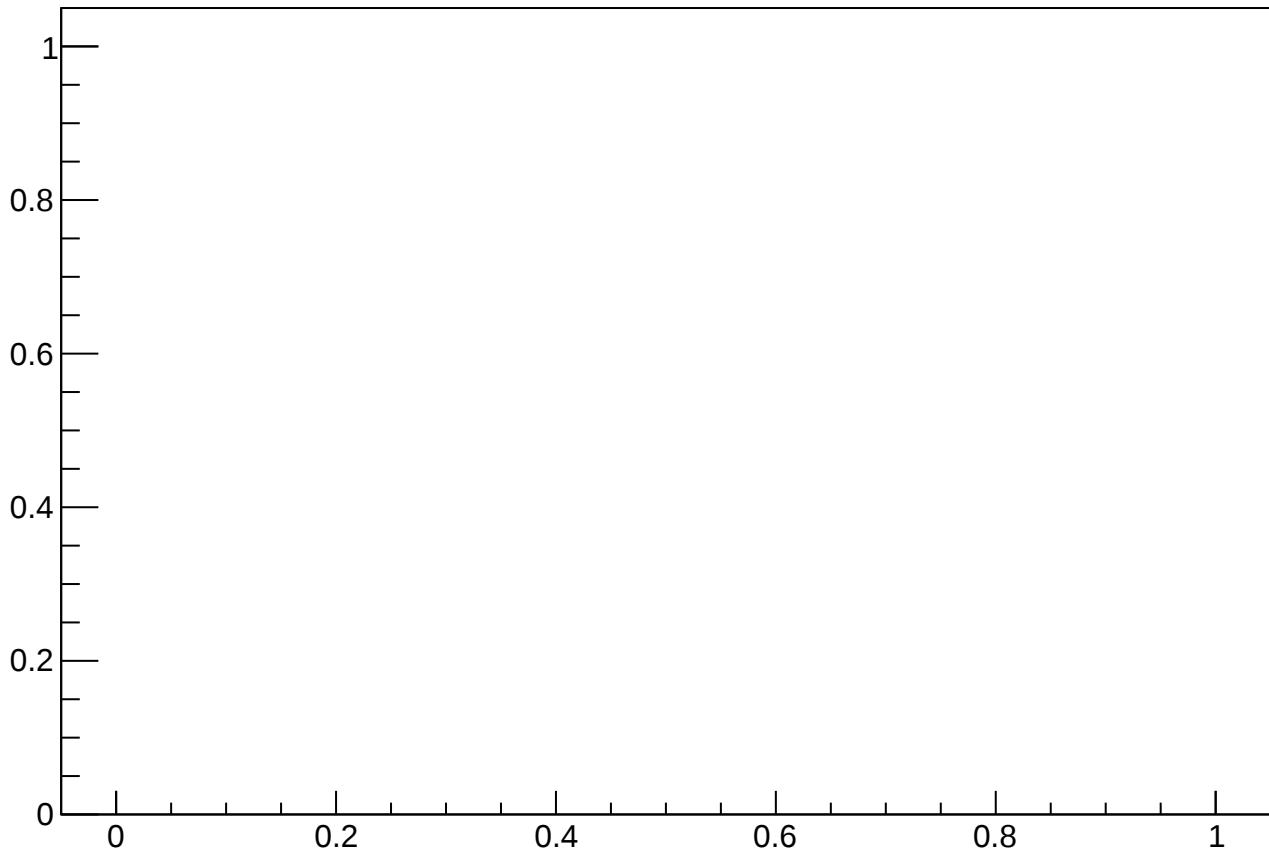
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

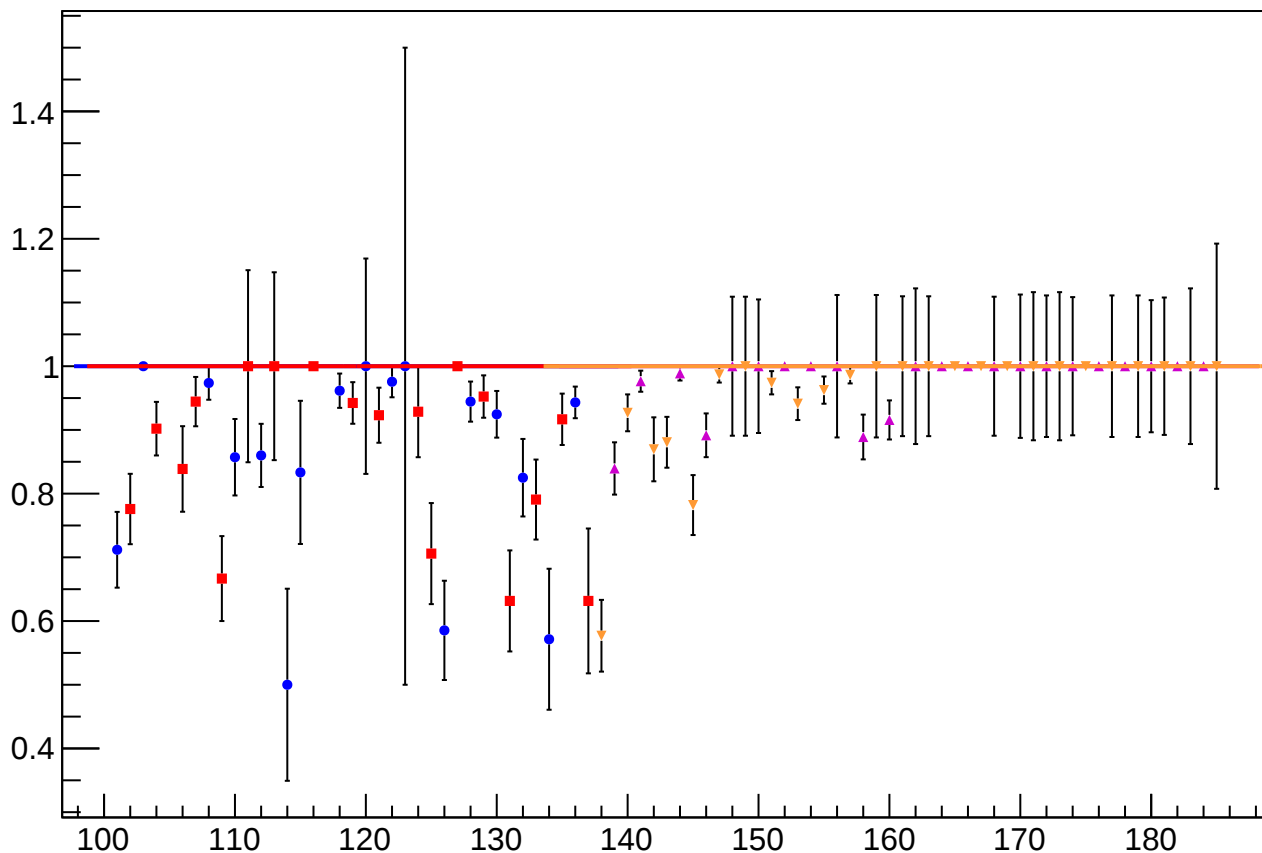
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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

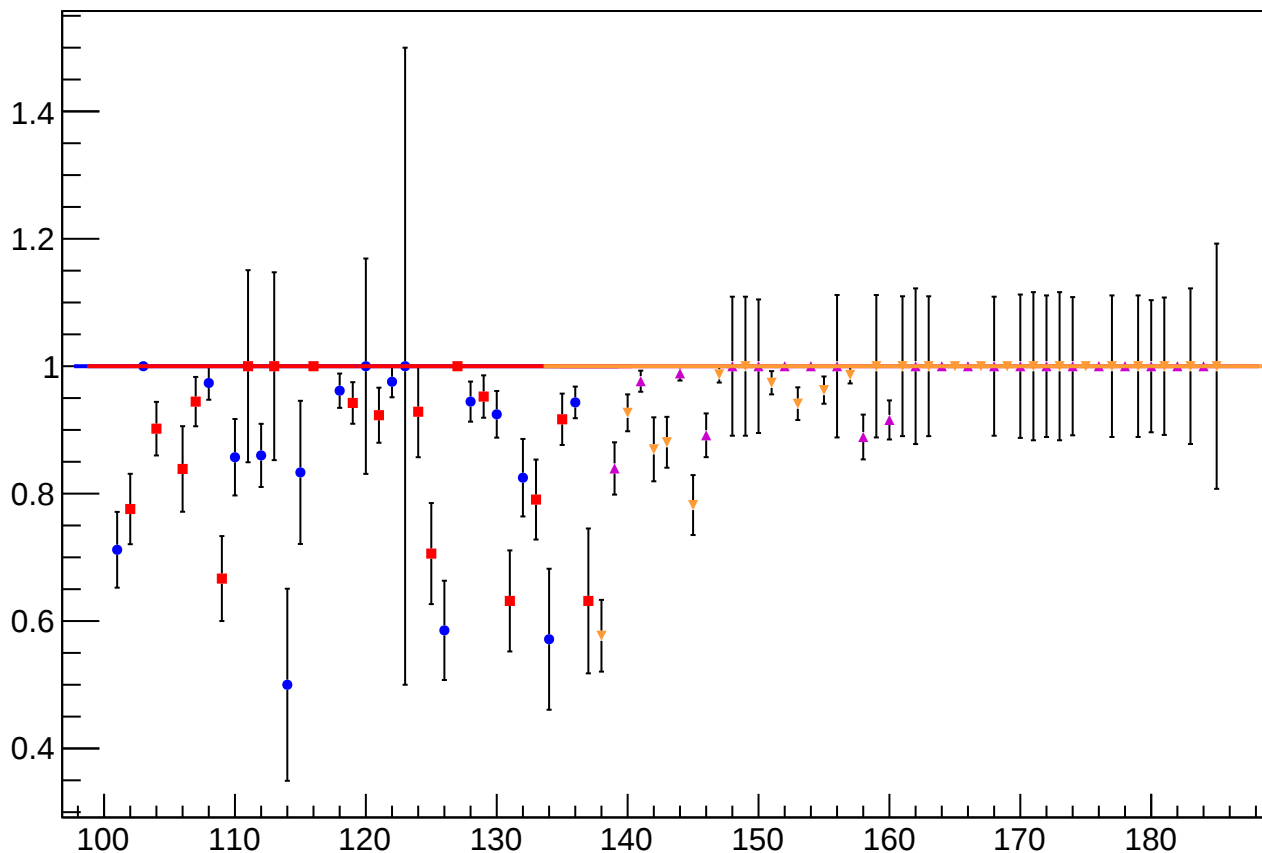
Left In: 1.000+/-0.000 χ^2/NDF : 385.6/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 118.6/16

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1591.4/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 192.3/17

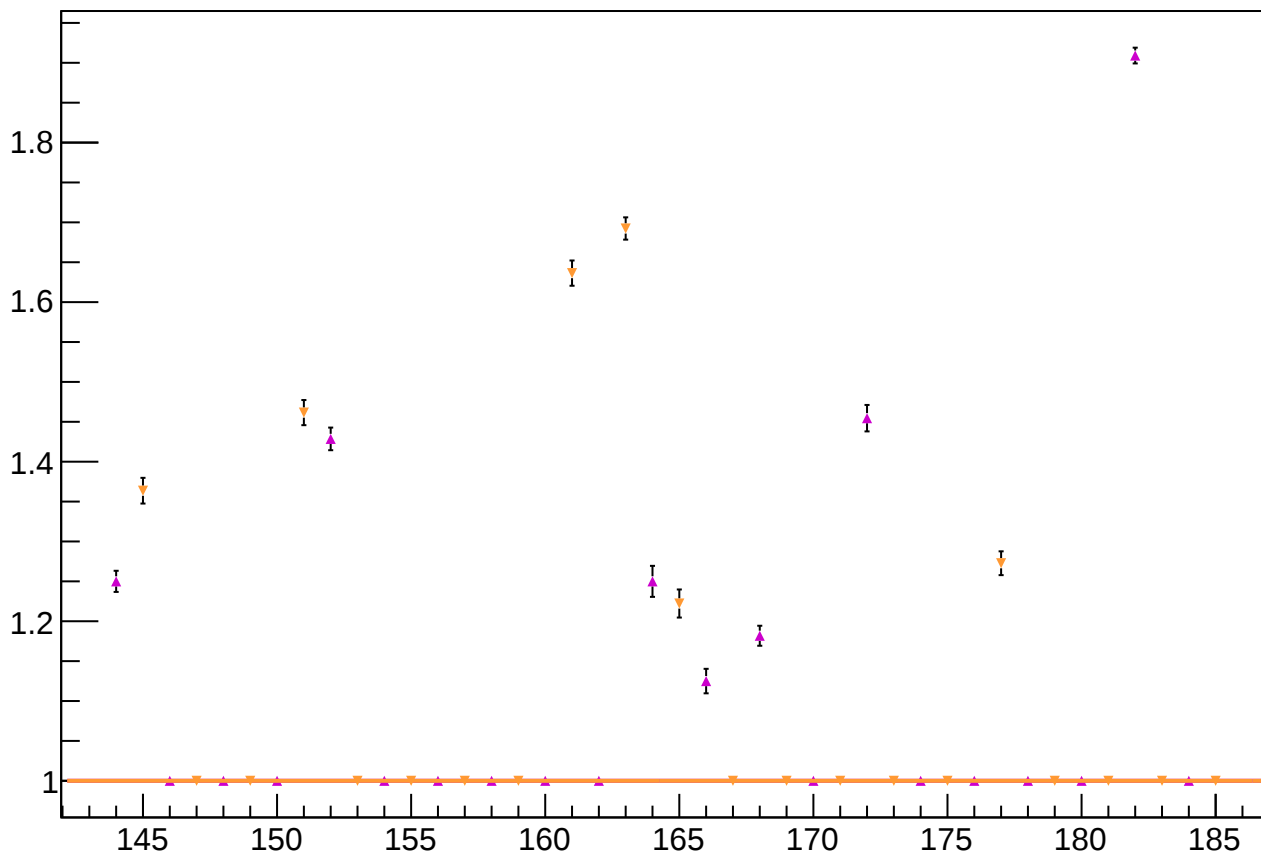
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 584.9/41

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1541.1/82

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 1019.1/40

dit_segment_slope vs Slug



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

Left Out: 1.000+/-0.000 χ^2/NDF :18616.2/20

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

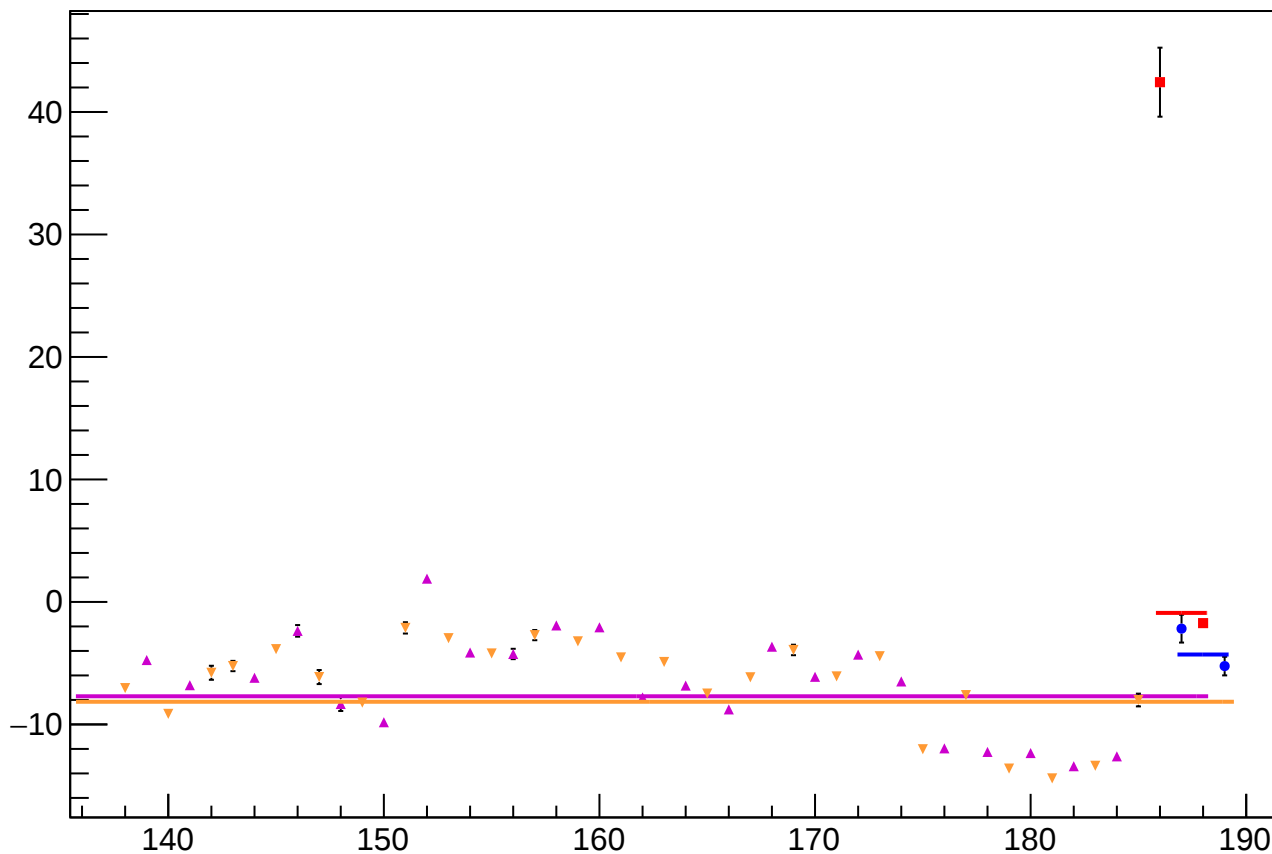
Left In: 1.000+/-0.000 χ^2/NDF :12089.0/20

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 19113.7/41

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -4.292 ± 0.632 χ^2/NDF : 5.0/1

Left Out: -8.149 ± 0.068 χ^2/NDF : 3613.1/24

Right Out: -0.895 ± 0.387 χ^2/NDF : 241.1/1

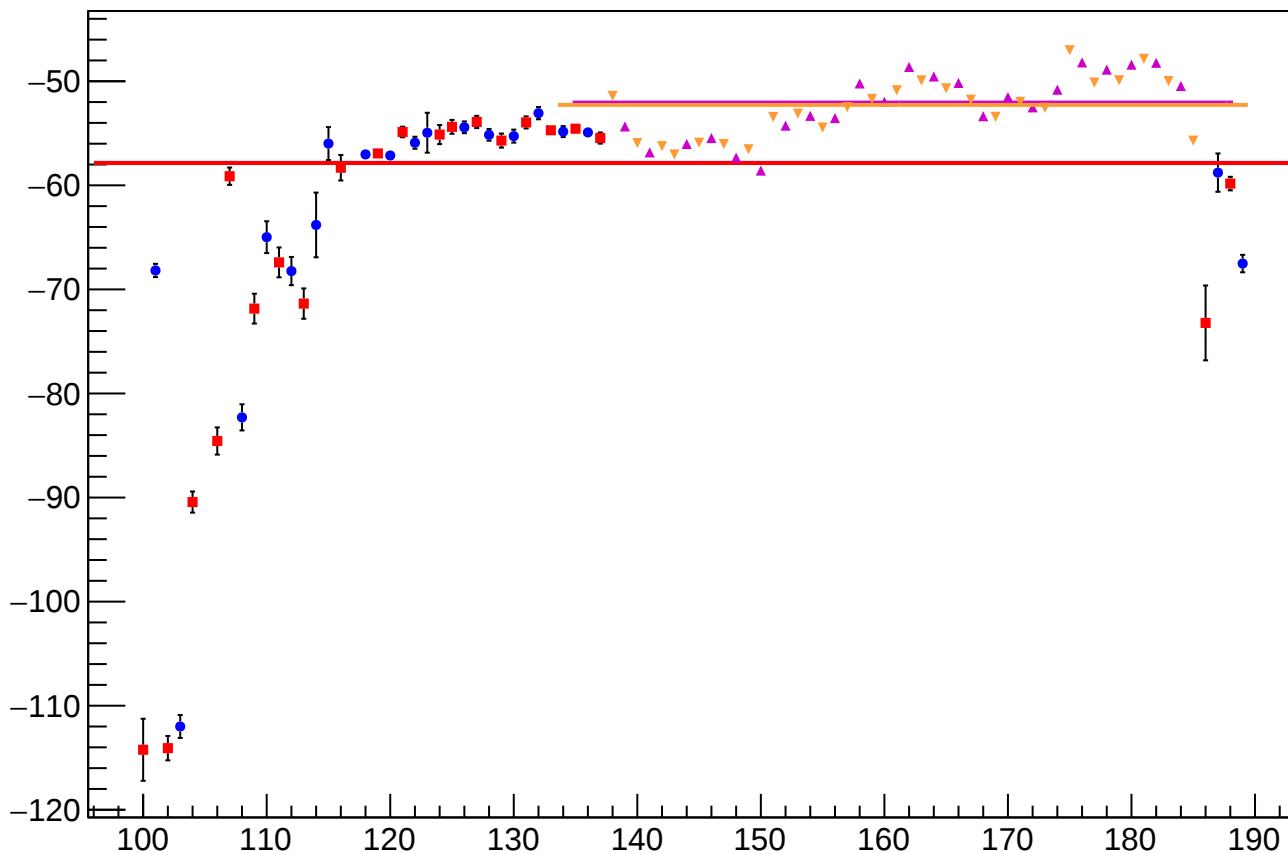
Left In: -7.701 ± 0.068 χ^2/NDF : 3737.2/22

+ sign -8.106 ± 0.067 χ^2/NDF : 3654.9/26

All: -7.801 ± 0.048 χ^2/NDF : 7974.3/51

- sign -7.495 ± 0.067 χ^2/NDF : 4278.2/24

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.845 ± 0.139 $\chi^2/\text{NDF}: 3593.5/18$

Left Out: -52.271 ± 0.055 $\chi^2/\text{NDF}: 2609.6/24$

Right Out: -57.855 ± 0.140 $\chi^2/\text{NDF}: 4726.6/20$

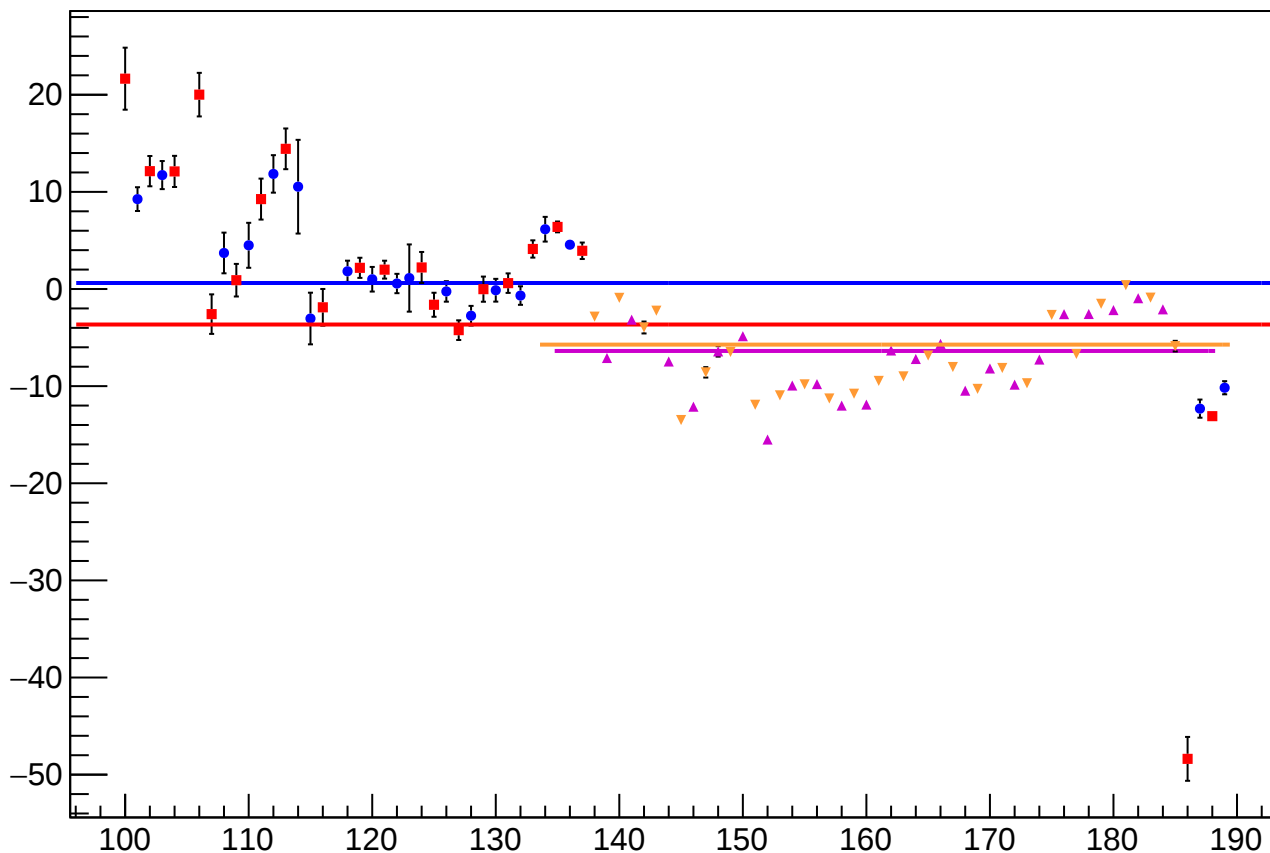
Left In: -52.050 ± 0.057 $\chi^2/\text{NDF}: 3197.5/22$

+ sign -53.030 ± 0.051 $\chi^2/\text{NDF}: 7590.2/43$

All: -52.957 ± 0.037 $\chi^2/\text{NDF}: 17001.3/87$

- sign -52.880 ± 0.053 $\chi^2/\text{NDF}: 9407.0/43$

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 0.620 ± 0.233 χ^2/NDF : 729.6/18

Left Out: -5.725 ± 0.068 χ^2/NDF : 3989.1/24

Right Out: -3.656 ± 0.203 χ^2/NDF : 2372.7/20

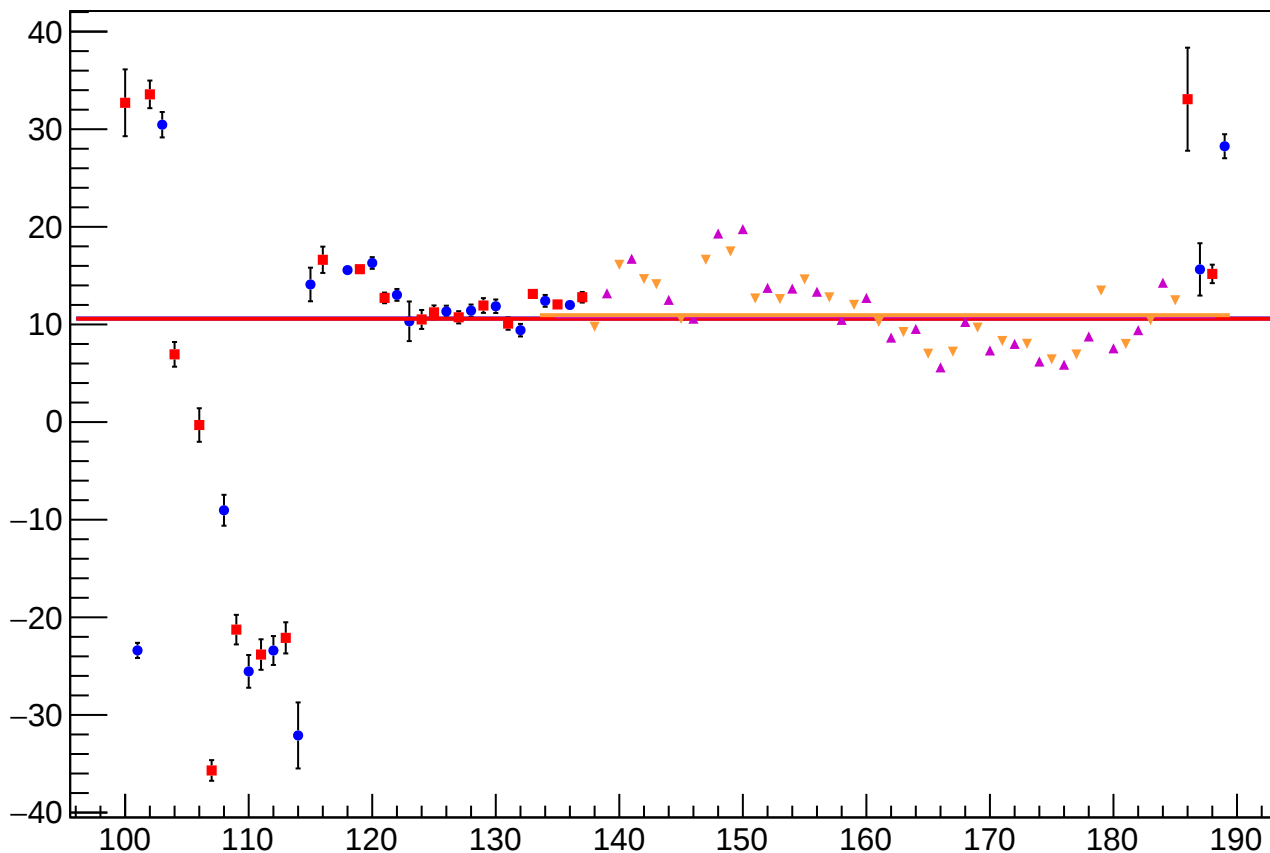
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ sign -5.232 ± 0.065 χ^2/NDF : 5401.1/43

All: -5.669 ± 0.046 χ^2/NDF : 11421.2/87

- sign -6.102 ± 0.065 χ^2/NDF : 5930.0/43

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.609 $\pm$ 0.155 χ^2 /NDF: 3925.2/18

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

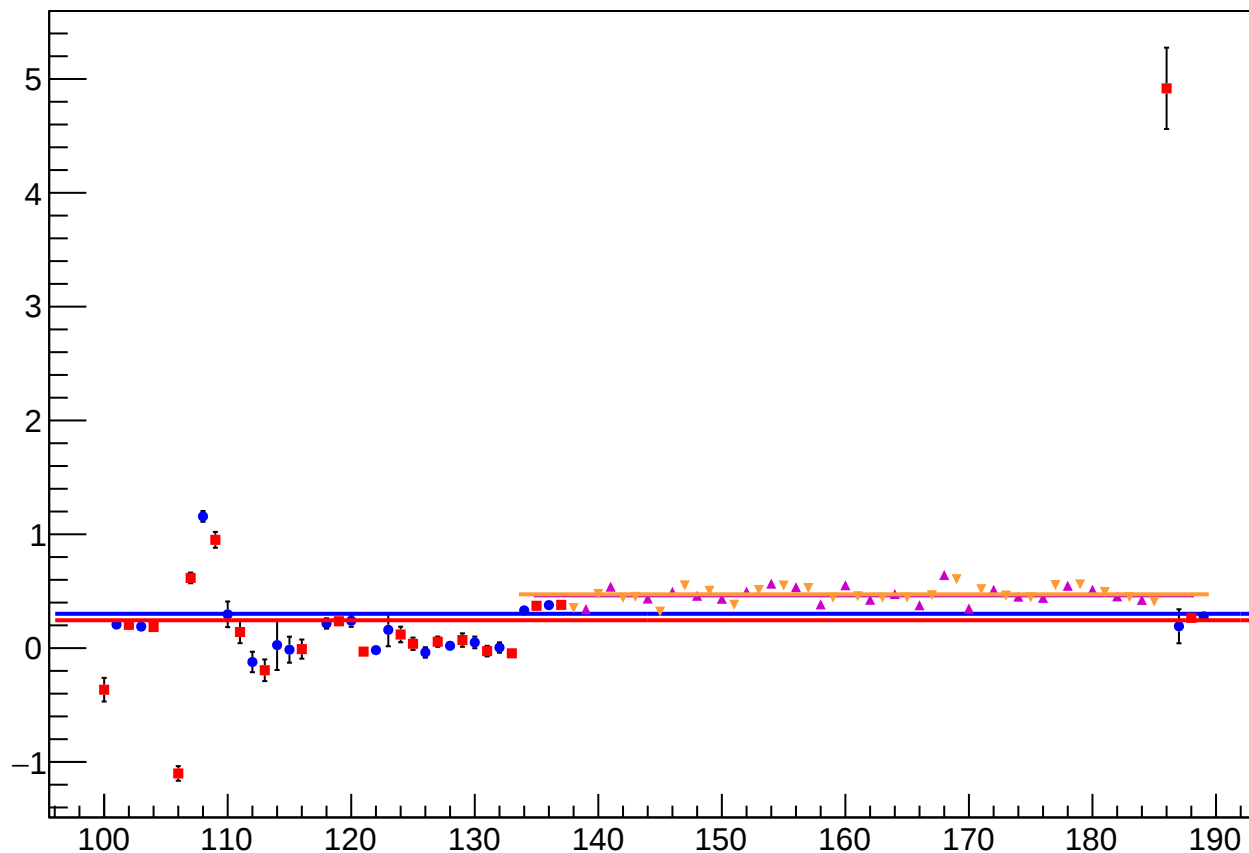
Left In: 10.818 $\pm$ 0.063 χ^2 /NDF:3577.7/22

+ sign 10.904 $\pm$ 0.057 χ^2 /NDF: 6549.8/43

All: 10.846 $\pm$ 0.041 χ^2 /NDF: 14002.5/87

- 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 : 647.4/18

Left Out: 0.473 ± 0.003 χ^2/NDF : 515.0/24

Right Out: 0.245 ± 0.008 χ^2/NDF : 1158.2/20

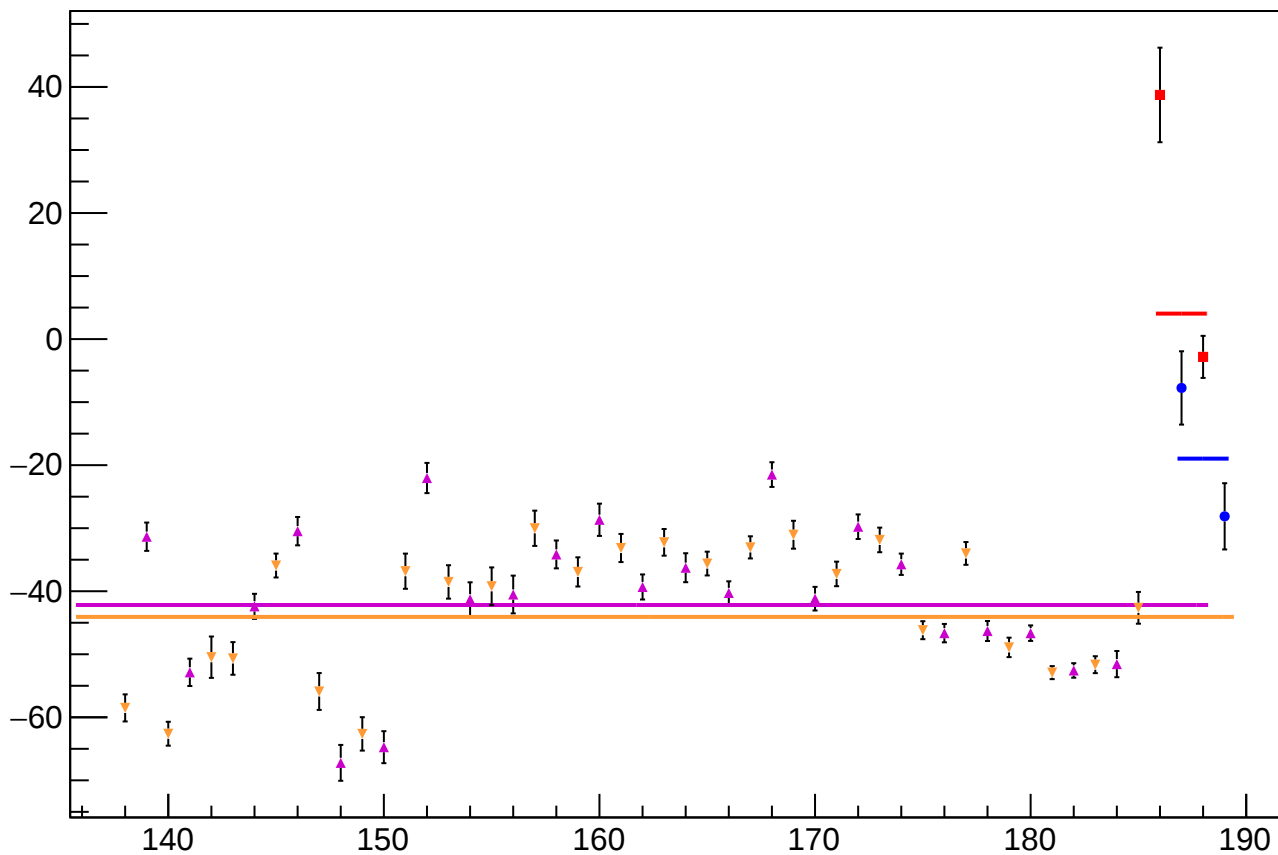
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.455 ± 0.003 χ^2/NDF : 1567.5/43

All: 0.448 ± 0.002 χ^2/NDF : 4107.8/87

- sign 0.442 ± 0.003 χ^2/NDF : 2528.0/43

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -18.963 ± 3.898 χ^2/NDF : 6.8/1

Left Out: -44.074 ± 0.389 χ^2/NDF : 632.8/24

Right Out: 4.044 ± 3.049 χ^2/NDF : 25.6/1

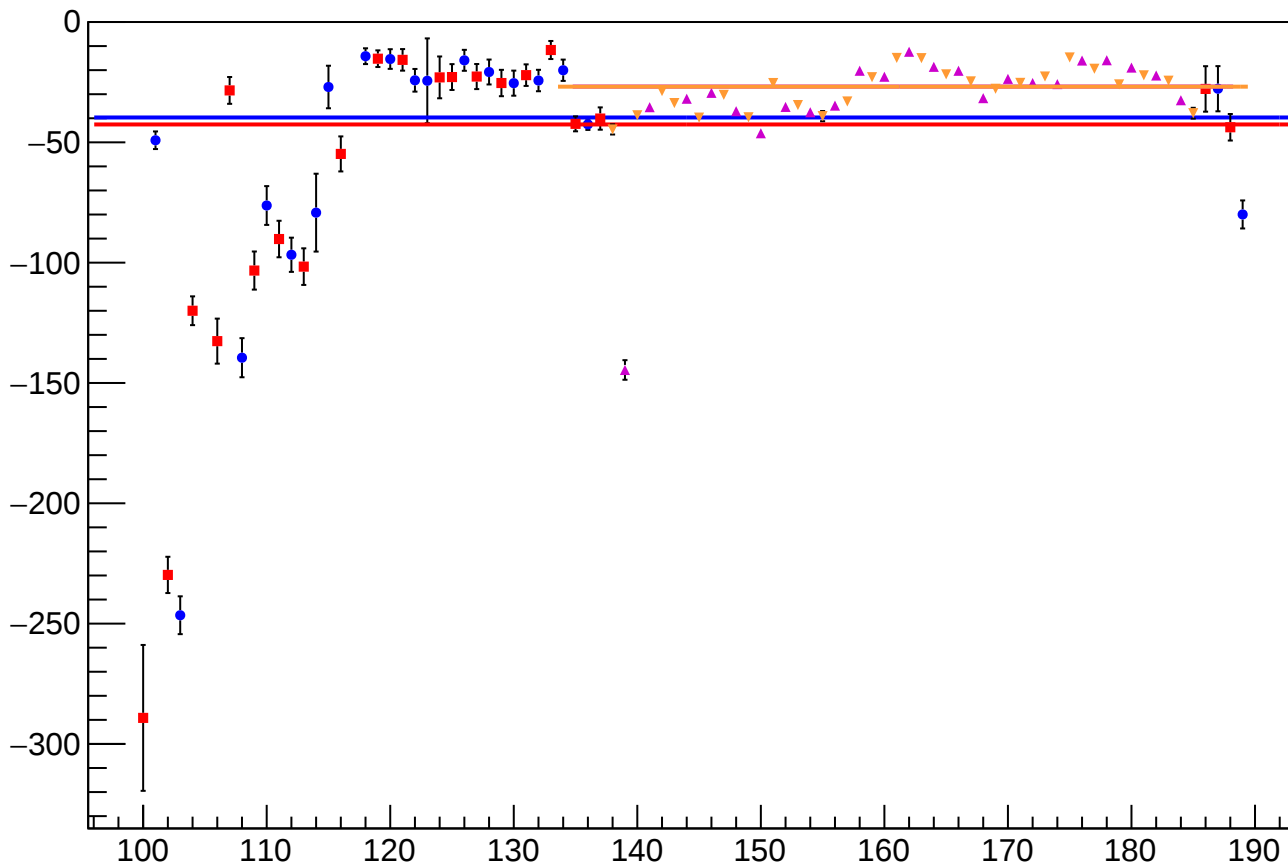
Left In: -42.185 ± 0.398 χ^2/NDF : 651.0/22

+ sign -43.826 ± 0.387 χ^2/NDF : 680.7/26

All: -42.640 ± 0.276 χ^2/NDF : 1602.5/51

- sign -41.412 ± 0.394 χ^2/NDF : 902.8/24

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -39.670 ± 1.108 χ^2/NDF : 1183.6/18

Left Out: -26.867 ± 0.317 χ^2/NDF : 629.1/24

Right Out: -42.570 ± 1.173 χ^2/NDF : 1344.1/20

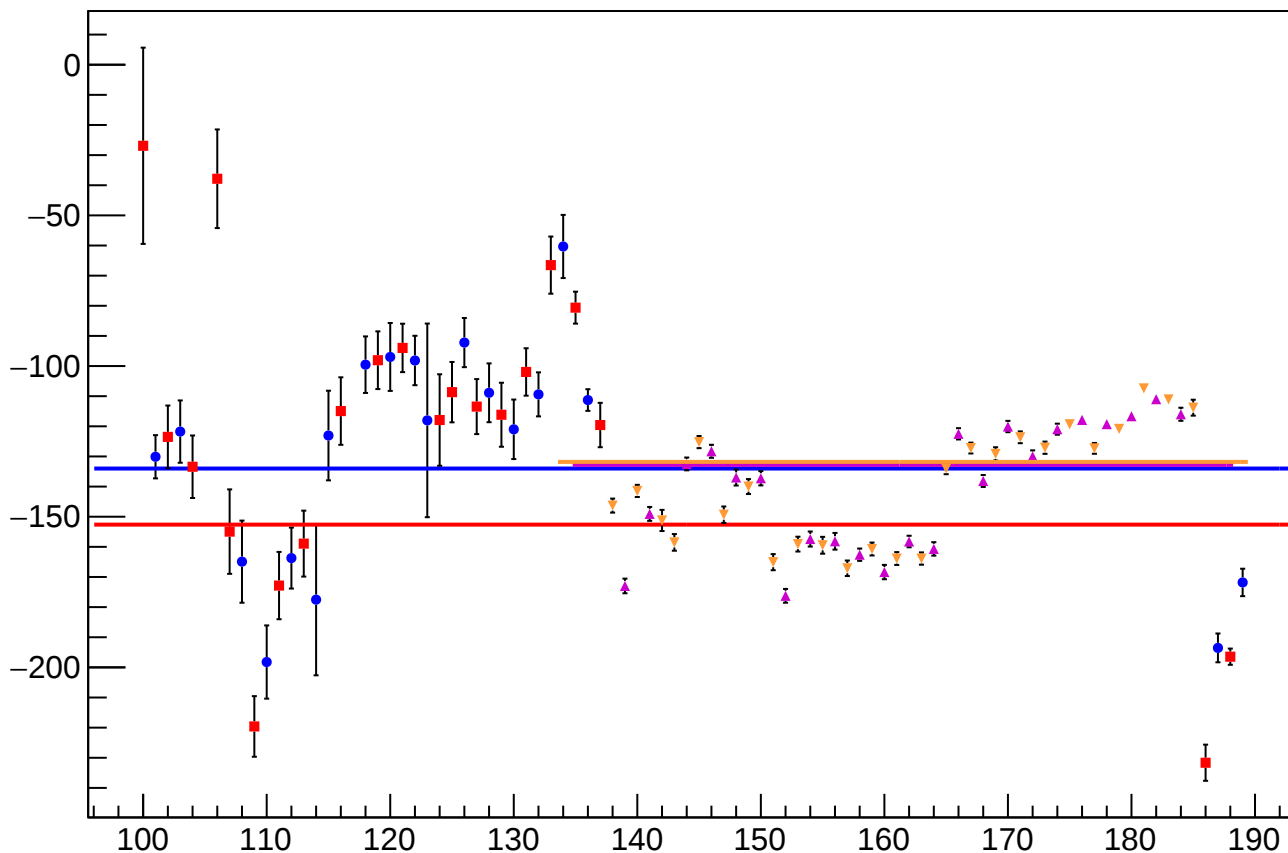
Left In: -26.825 ± 0.325 χ^2/NDF : 1481.6/22

+ sign -27.836 ± 0.305 χ^2/NDF : 1936.1/43

All: -27.891 ± 0.219 χ^2/NDF : 4929.0/87

- sign -27.950 ± 0.314 χ^2/NDF : 2992.9/43

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -134.013 ± 1.755 $\chi^2/\text{NDF}: 450.0/18$

Left Out: -131.805 ± 0.392 $\chi^2/\text{NDF}: 2417.0/24$

Right Out: -152.626 ± 1.642 $\chi^2/\text{NDF}: 1042.0/20$

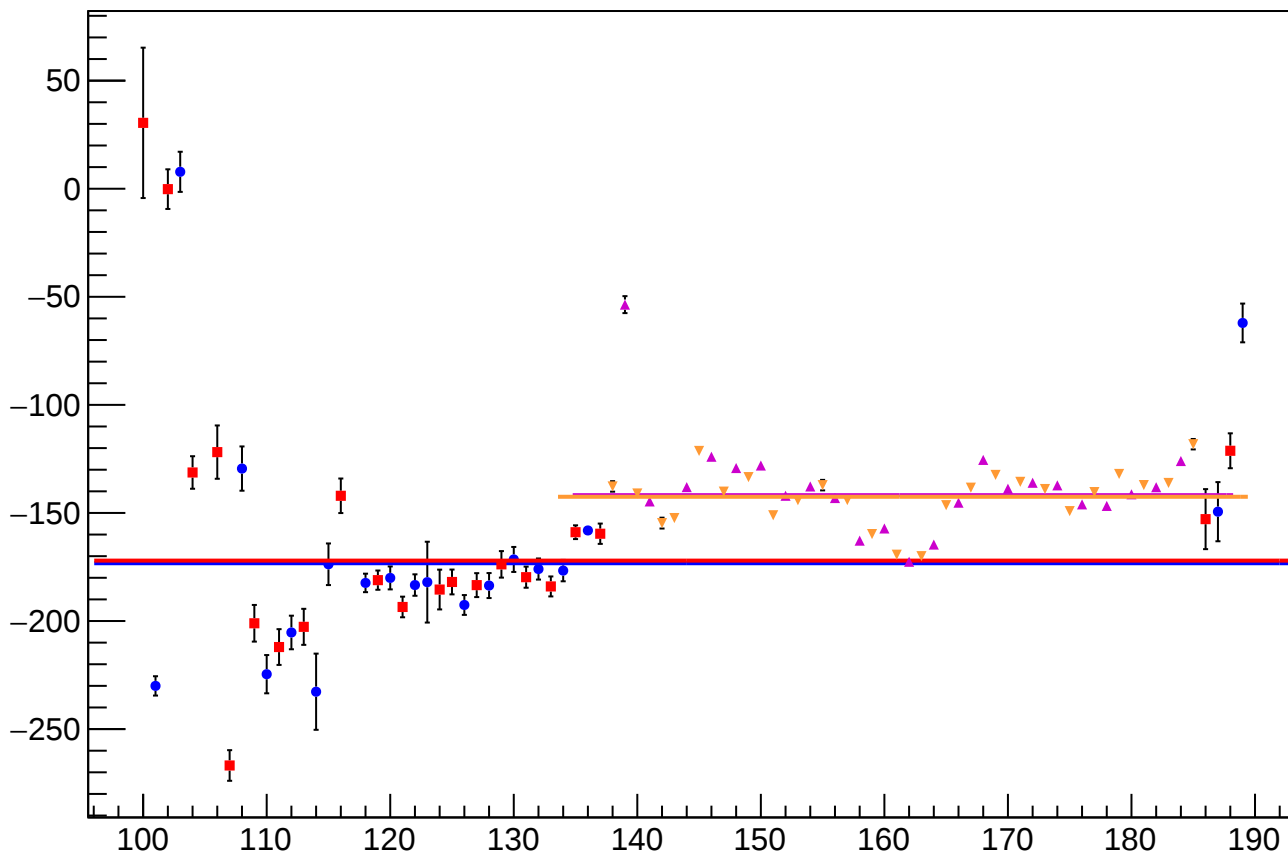
Left In: -132.799 ± 0.398 $\chi^2/\text{NDF}: 2515.9/22$

+ sign -131.910 ± 0.383 $\chi^2/\text{NDF}: 2868.5/43$

All: -132.894 ± 0.272 $\chi^2/\text{NDF}: 6577.5/87$

- sign -133.899 ± 0.387 $\chi^2/\text{NDF}: 3695.6/43$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -173.268 ± 1.250 χ^2/NDF : 853.5/18

Left Out: -142.517 ± 0.355 χ^2/NDF : 1144.2/24

Right Out: -172.051 ± 1.331 χ^2/NDF : 780.6/20

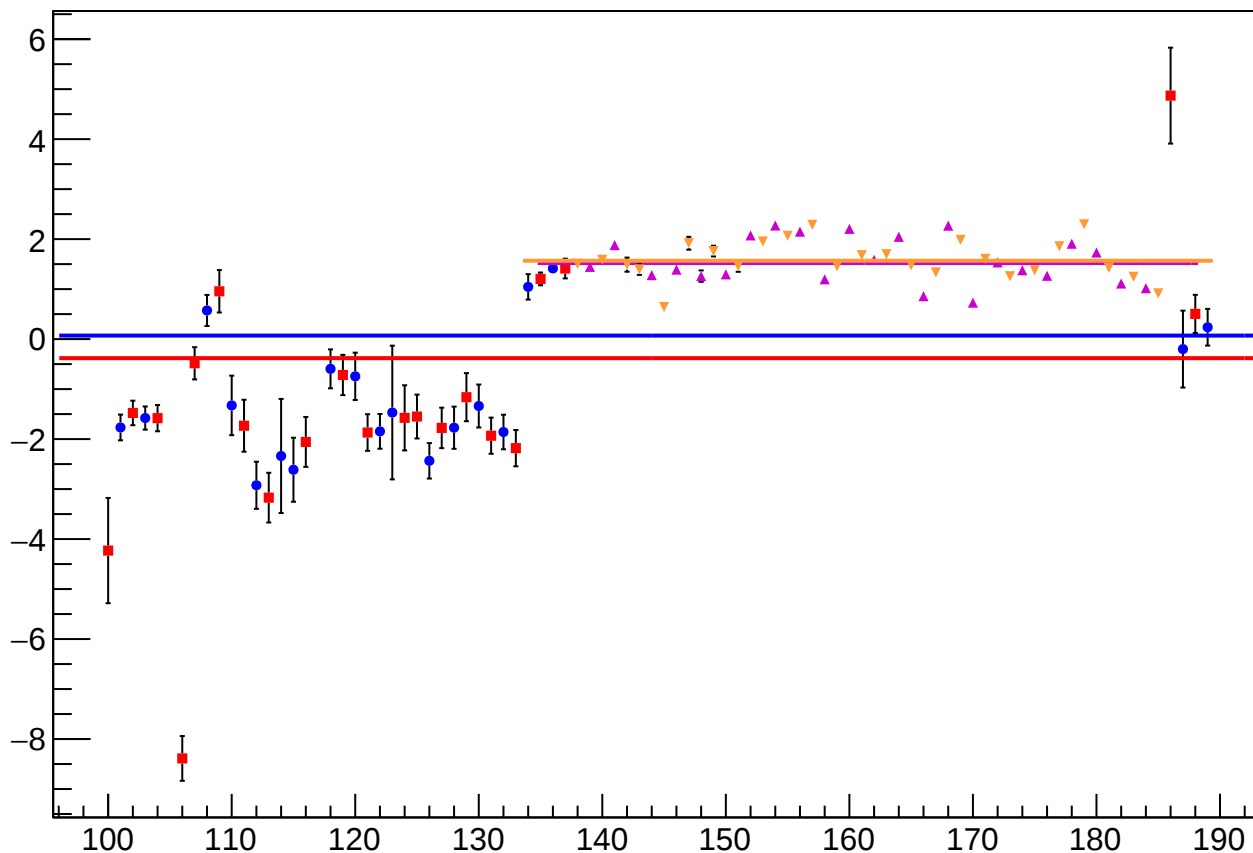
Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

+ sign -144.810 ± 0.341 χ^2/NDF : 2557.8/43

All: -144.348 ± 0.244 χ^2/NDF : 5428.5/87

- sign -143.862 ± 0.350 χ^2/NDF : 2866.9/43

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.070 ± 0.066 χ^2/NDF : 526.5/18

Left Out: 1.568 ± 0.016 χ^2/NDF : 541.0/24

Right Out: -0.381 ± 0.070 χ^2/NDF : 790.9/20

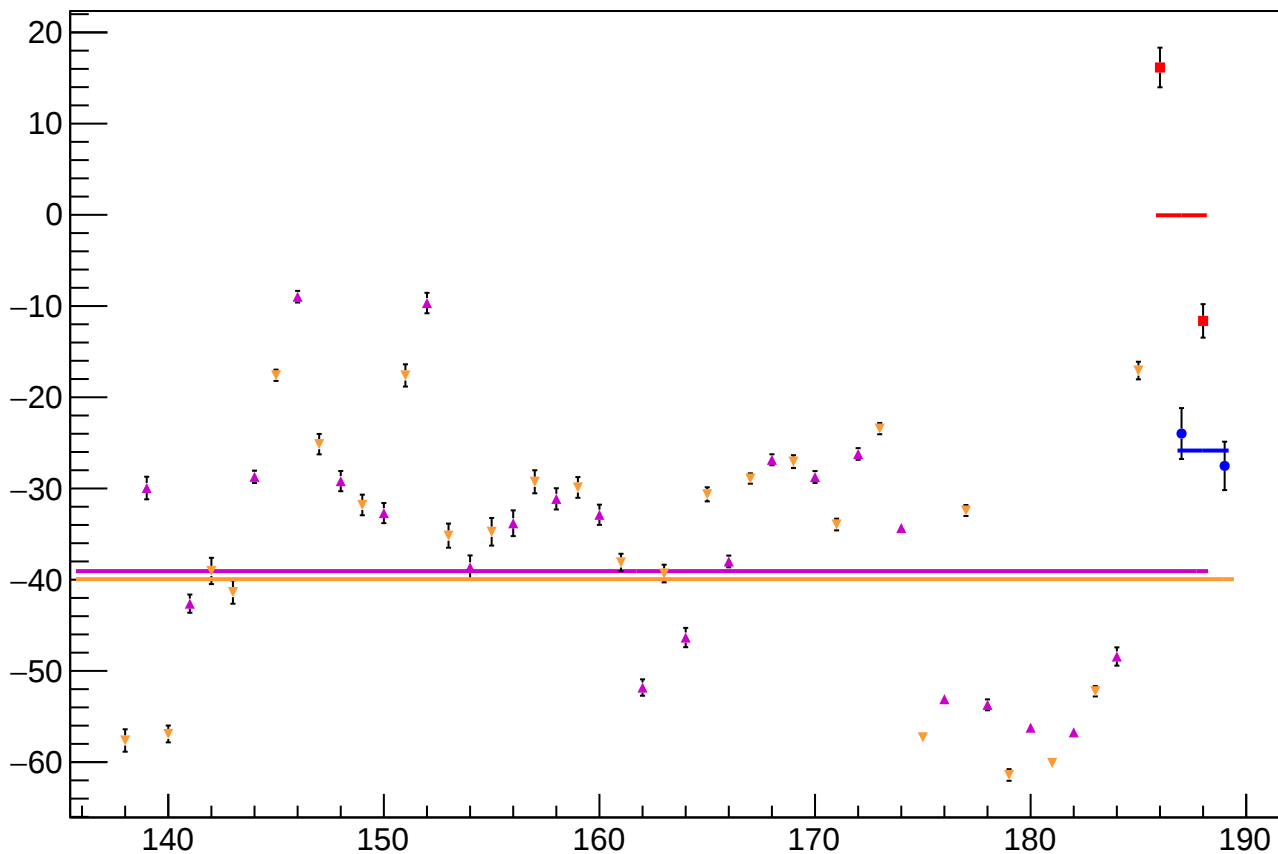
Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

+ sign 1.482 ± 0.016 χ^2/NDF : 1558.0/43

All: 1.452 ± 0.011 χ^2/NDF : 3800.8/87

- sign 1.422 ± 0.016 χ^2/NDF : 2235.6/43

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -25.843 ± 1.924 χ^2/NDF : 0.8/1

Left Out: -39.942 ± 0.153 χ^2/NDF : 9806.2/24

Right Out: -0.050 ± 1.402 χ^2/NDF : 95.4/1

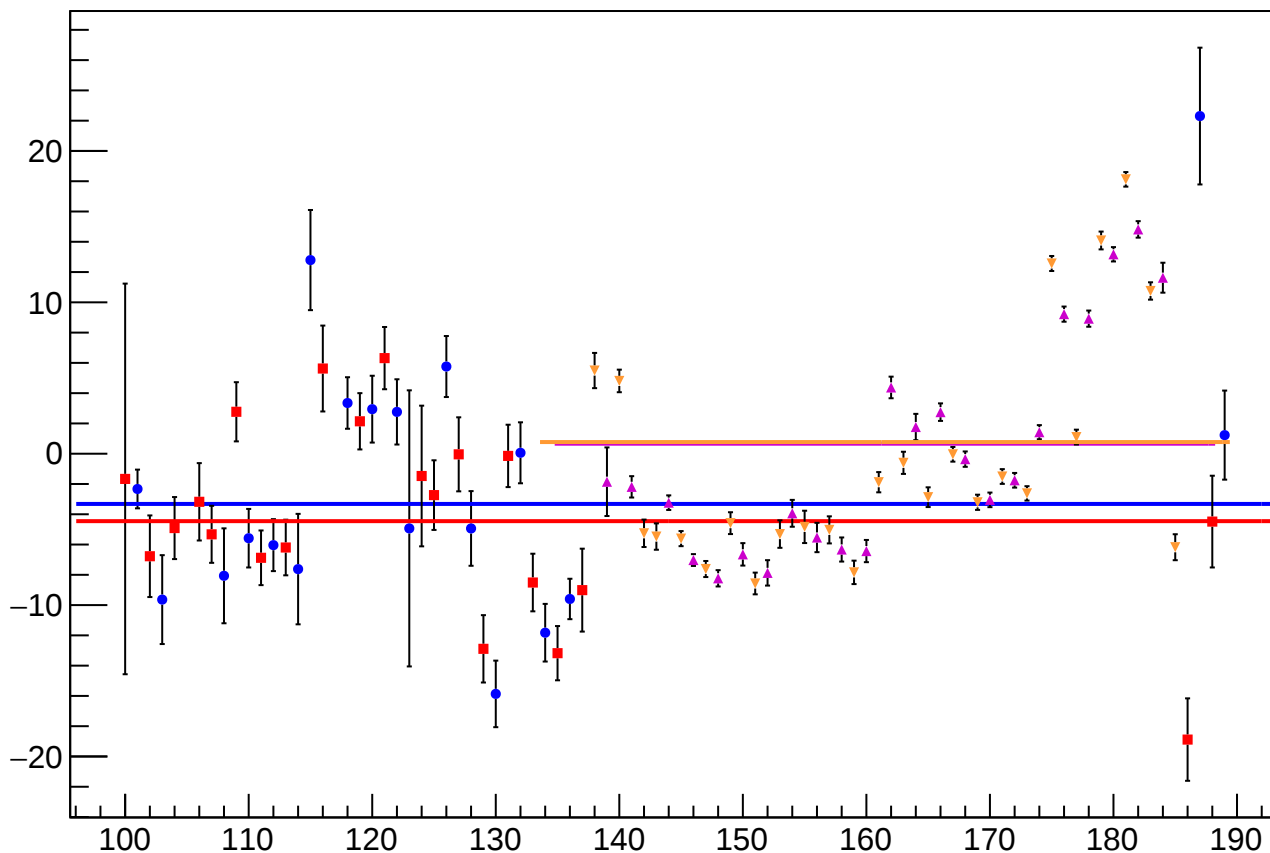
Left In: -39.060 ± 0.154 χ^2/NDF : 8577.0/22

+ sign -39.853 ± 0.153 χ^2/NDF : 9860.4/26

All: -39.225 ± 0.108 χ^2/NDF : 19331.3/51

- sign -38.595 ± 0.153 χ^2/NDF : 9437.1/24

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.318 ± 0.485 χ^2/NDF : 200.6/18

Left Out: 0.770 ± 0.124 χ^2/NDF : 3952.9/24

Right Out: -4.455 ± 0.492 χ^2/NDF : 152.4/20

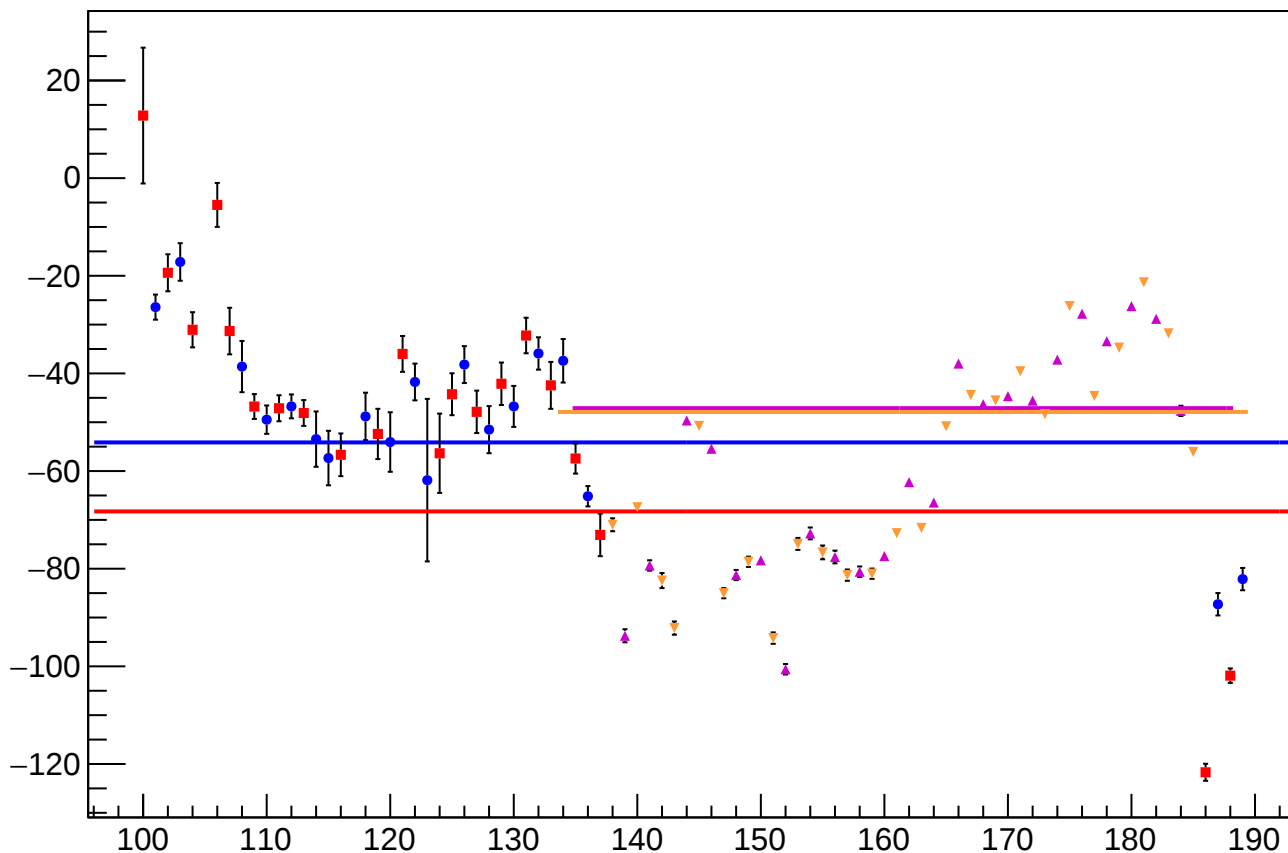
Left In: 0.662 ± 0.124 χ^2/NDF : 3340.9/22

+ sign 0.518 ± 0.120 χ^2/NDF : 4220.2/43

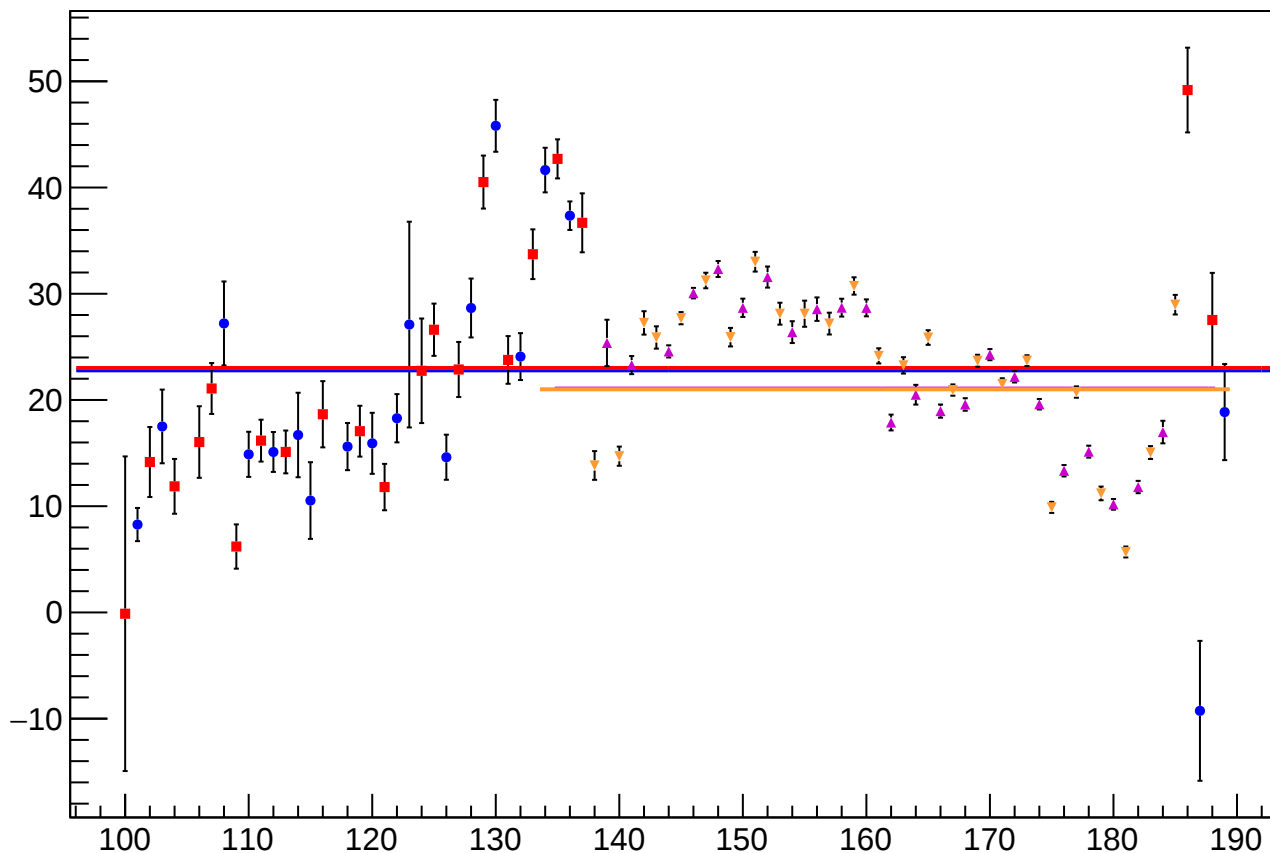
All: 0.437 ± 0.085 χ^2/NDF : 7816.2/87

- sign -0.356 ± 0.120 χ^2/NDF : 3595.1/43

reg_asym_sam3_diff_bpm4eX_slope vs Slug



reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.791 $\pm$ 0.550 χ^2 /NDF: 485.8/18

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

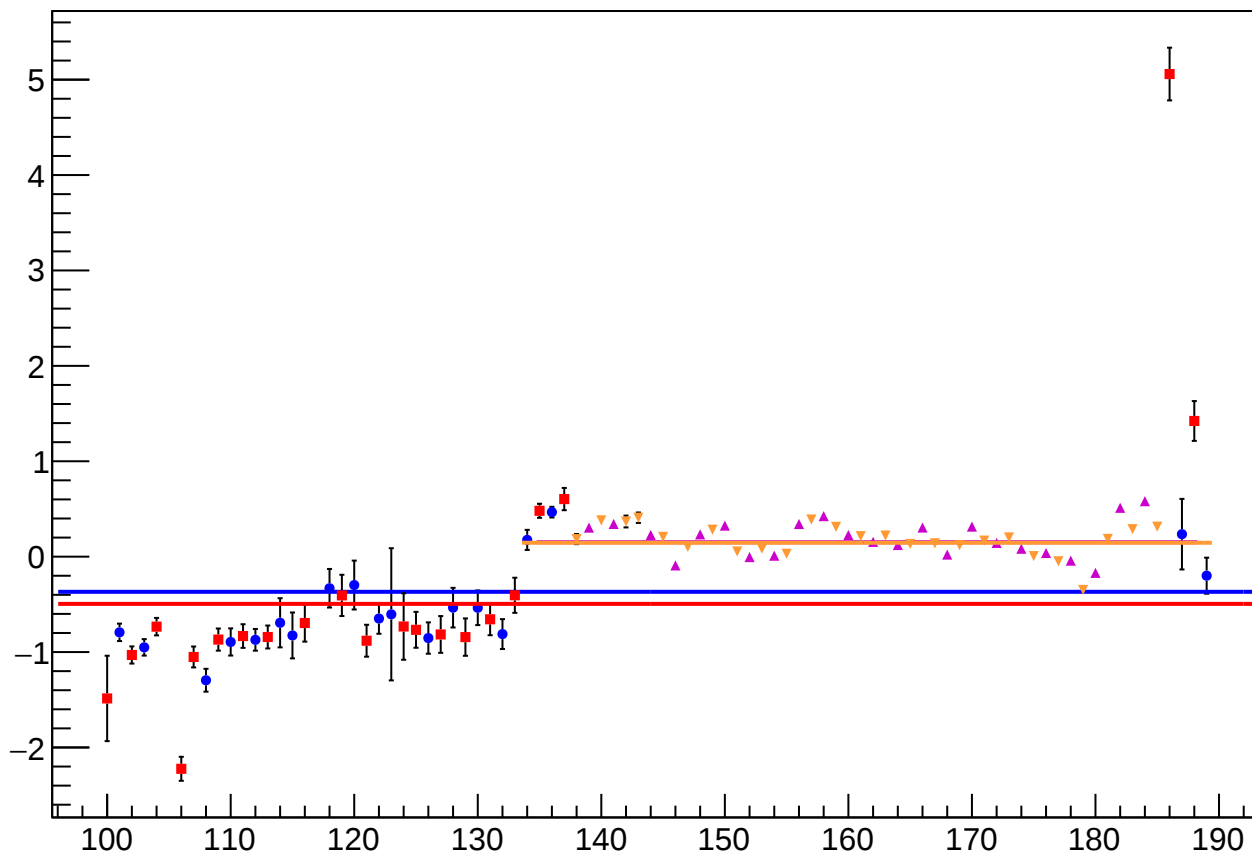
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF: 2176.7/22

+ sign 21.112 $\pm$ 0.135 χ^2 /NDF: 3285.3/43

All: 21.146 $\pm$ 0.095 χ^2 /NDF: 5888.9/87

- sign 21.181 $\pm$ 0.135 χ^2 /NDF: 2603.5/43

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.368 ± 0.030 χ^2/NDF : 440.7/18

Left Out: 0.146 ± 0.006 χ^2/NDF : 609.8/24

Right Out: -0.495 ± 0.030 χ^2/NDF : 1056.2/20

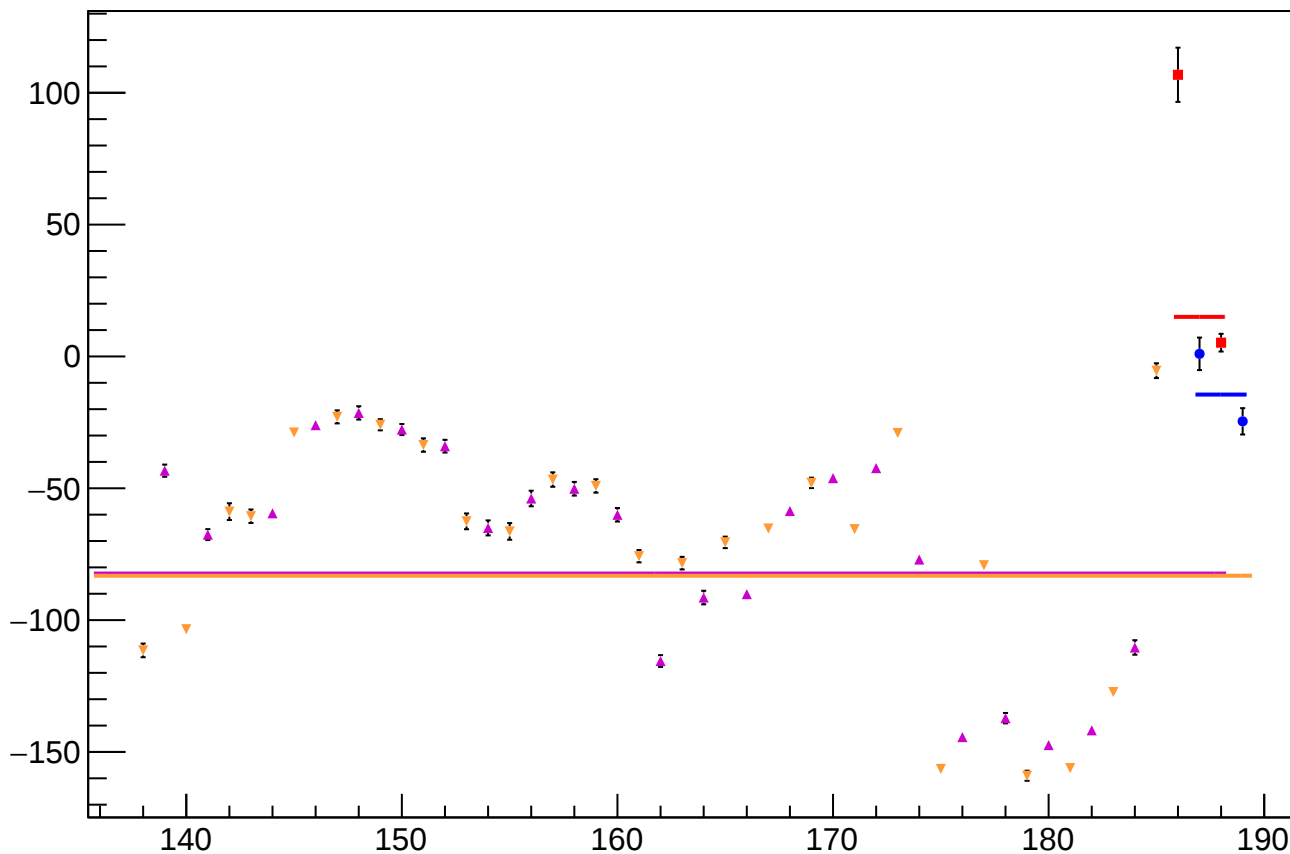
Left In: 0.151 ± 0.006 χ^2/NDF : 873.9/22

+ sign 0.123 ± 0.006 χ^2/NDF : 1339.1/43

All: 0.123 ± 0.004 χ^2/NDF : 3722.2/87

- sign 0.123 ± 0.006 χ^2/NDF : 2383.1/43

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -14.457 ± 3.881 χ^2/NDF : 10.4/1

Left Out: -83.163 ± 0.407 χ^2/NDF : 13794.3/24

Right Out: 15.011 ± 3.192 χ^2/NDF : 88.2/1

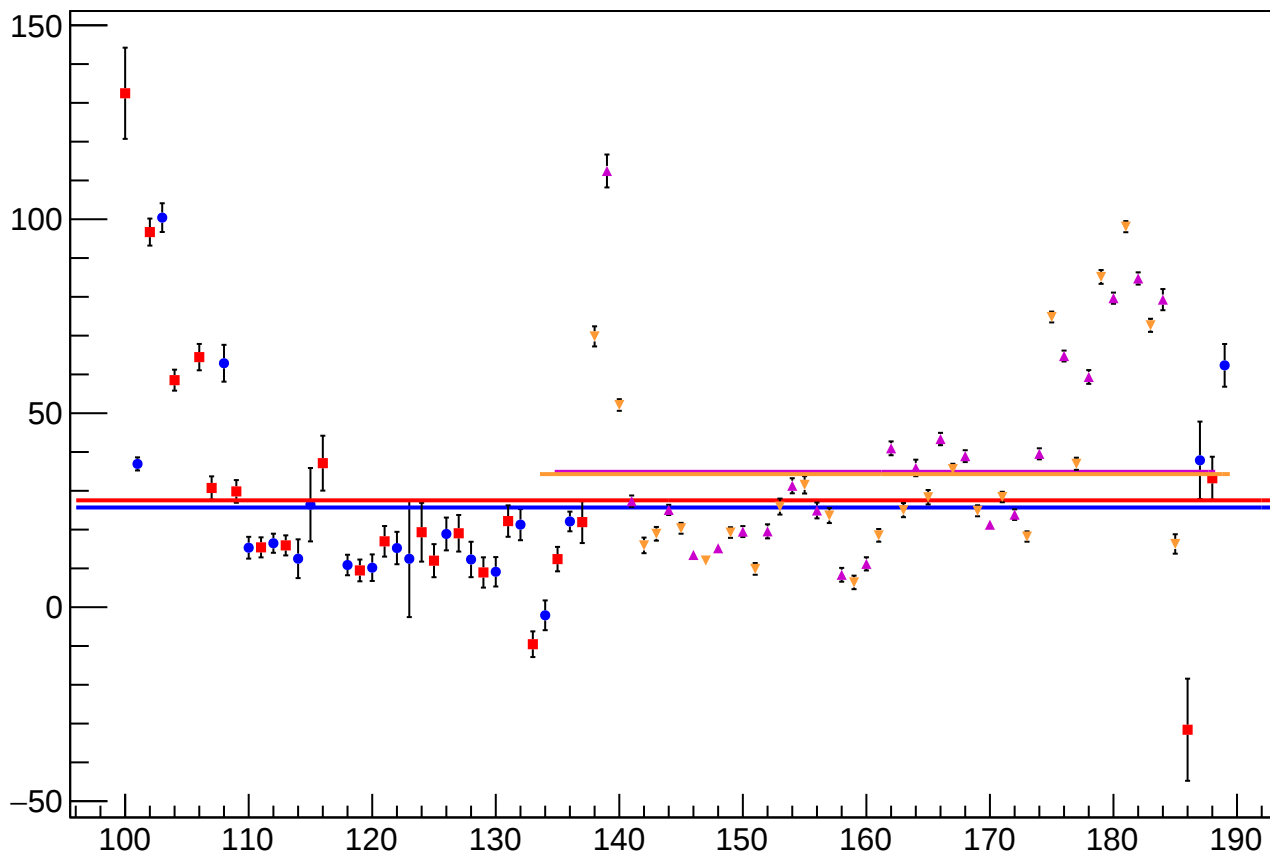
Left In: -82.342 ± 0.413 χ^2/NDF : 10954.9/22

+ sign -82.415 ± 0.405 χ^2/NDF : 14114.7/26

All: -81.587 ± 0.288 χ^2/NDF : 26081.2/51

- sign -80.739 ± 0.410 χ^2/NDF : 11958.1/24

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.702 ± 0.790 $\chi^2/\text{NDF}: 737.8/18$

Left Out: 34.306 ± 0.321 $\chi^2/\text{NDF}: 6163.7/24$

Right Out: 27.545 ± 0.800 $\chi^2/\text{NDF}: 1030.4/20$

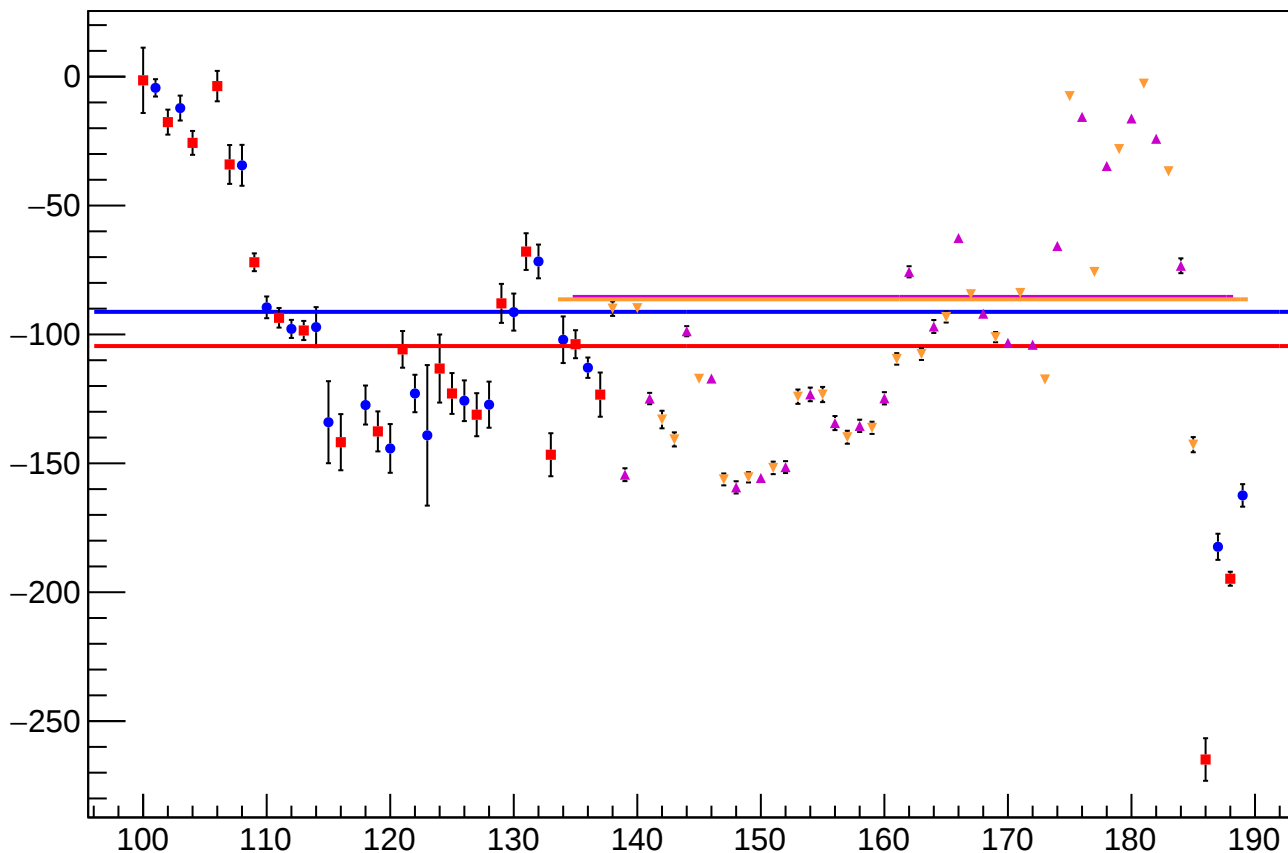
Left In: 34.893 ± 0.328 $\chi^2/\text{NDF}: 4754.6/22$

+ sign 33.087 ± 0.297 $\chi^2/\text{NDF}: 7003.3/43$

All: 33.453 ± 0.212 $\chi^2/\text{NDF}: 12863.5/87$

- sign 33.835 ± 0.304 $\chi^2/\text{NDF}: 5857.1/43$

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -91.237 ± 1.299 $\chi^2/\text{NDF}: 1736.4/18$

Left Out: -86.377 ± 0.409 $\chi^2/\text{NDF}: 14435.1/24$

Right Out: -104.507 ± 1.197 $\chi^2/\text{NDF}: 2747.1/20$

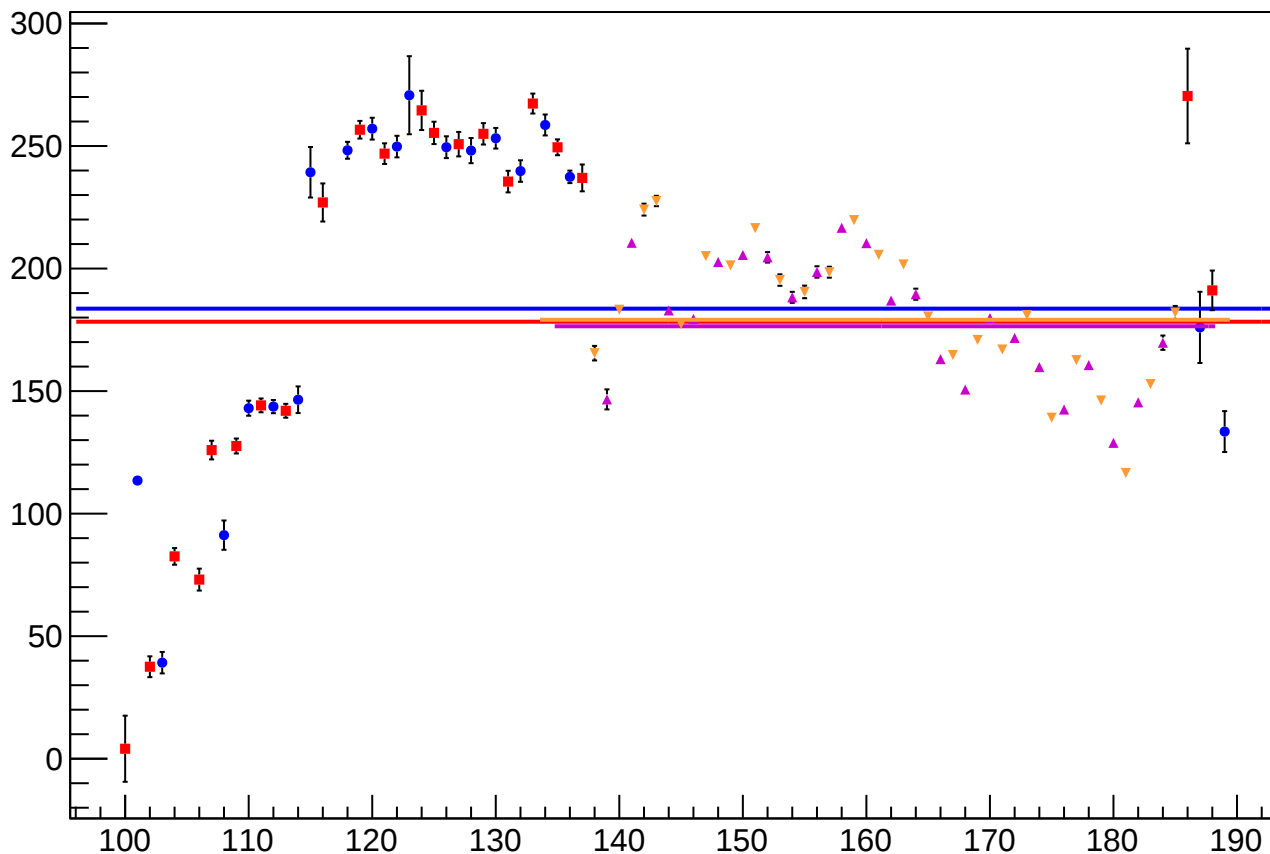
Left In: -85.441 ± 0.413 $\chi^2/\text{NDF}: 12998.9/22$

+ sign -86.816 ± 0.390 $\chi^2/\text{NDF}: 16184.2/43$

All: -87.142 ± 0.276 $\chi^2/\text{NDF}: 32158.1/87$

- sign -87.469 ± 0.391 $\chi^2/\text{NDF}: 15972.6/43$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.640 $\pm$ 0.906 χ^2 /NDF: 5437.9/18

Left Out: 179.109 $\pm$ 0.363 χ^2 /NDF: 5877.5/24

Right Out: 178.308 $\pm$ 0.917 χ^2 /NDF: 6356.4/20

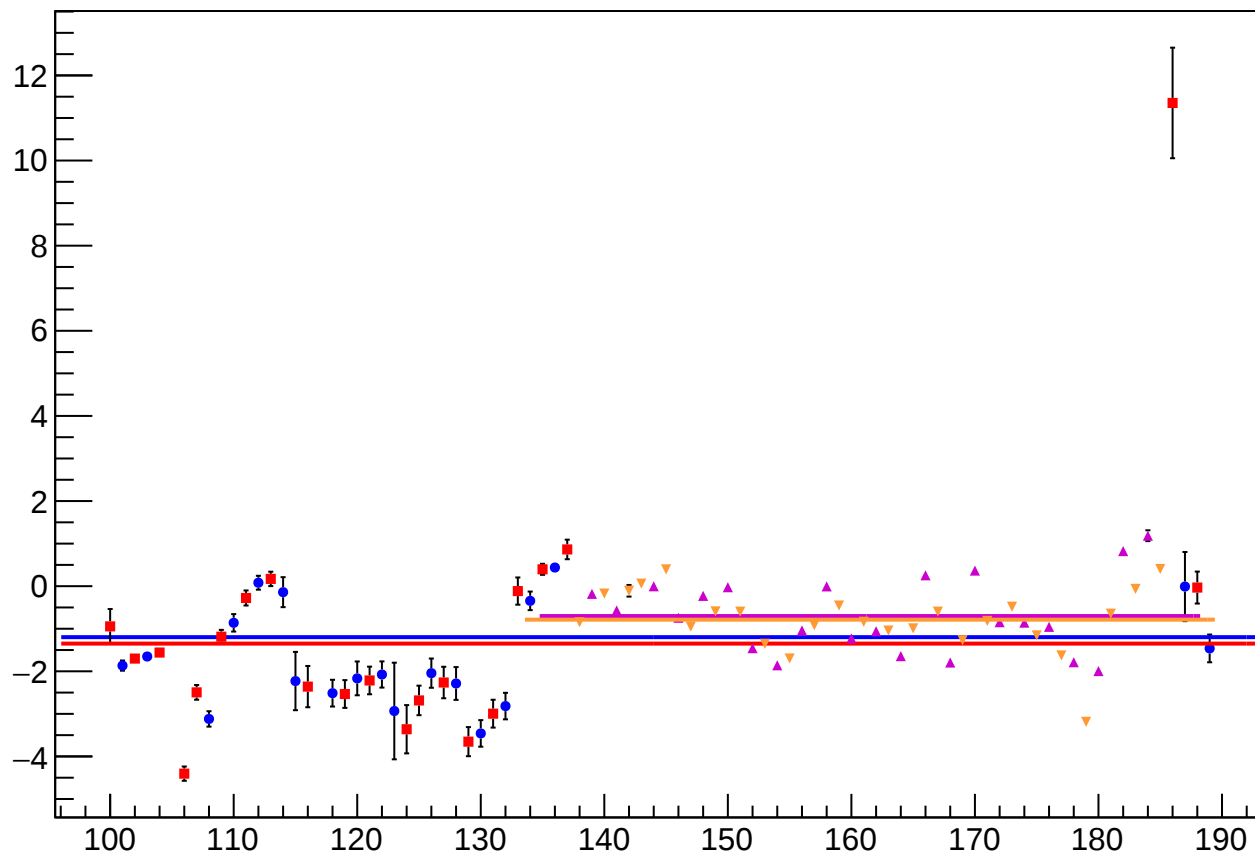
Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

+ sign 179.734 $\pm$ 0.337 χ^2 /NDF: 11336.9/43

All: 178.249 $\pm$ 0.240 χ^2 /NDF: 22178.5/87

- sign 176.709 $\pm$ 0.343 χ^2 /NDF: 10802.0/43

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.198 ± 0.047 χ^2/NDF : 625.9/18

Left Out: -0.787 ± 0.017 χ^2/NDF : 1760.7/24

Right Out: -1.349 ± 0.045 χ^2/NDF : 1033.0/20

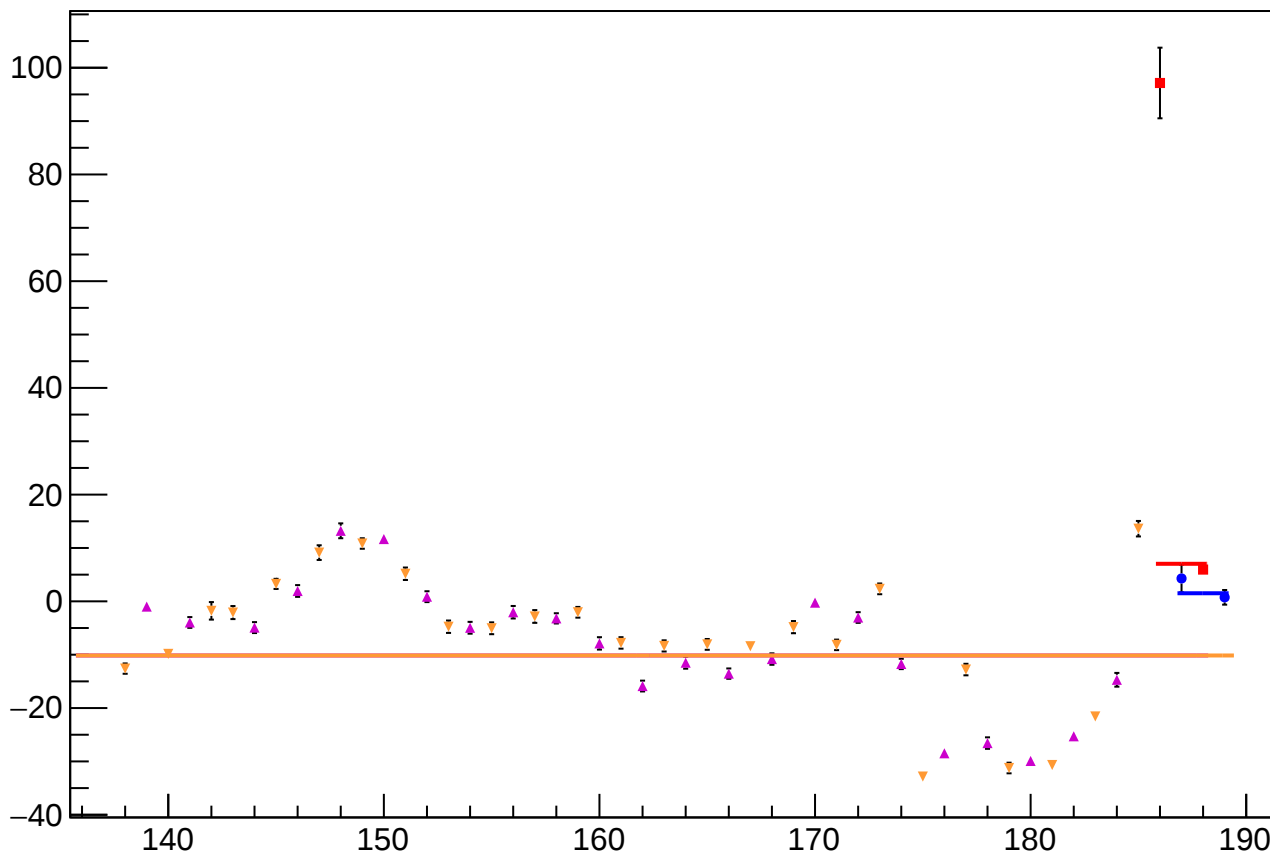
Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

+ sign -0.832 ± 0.016 χ^2/NDF : 2453.4/43

All: -0.806 ± 0.011 χ^2/NDF : 6091.6/87

- sign -0.780 ± 0.016 χ^2/NDF : 3632.9/43

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 1.515 ± 1.216 $\chi^2/\text{NDF}: 1.4/1$

Left Out: -10.147 ± 0.202 $\chi^2/\text{NDF}: 4128.5/24$

Right Out: 7.034 ± 0.722 $\chi^2/\text{NDF}: 187.5/1$

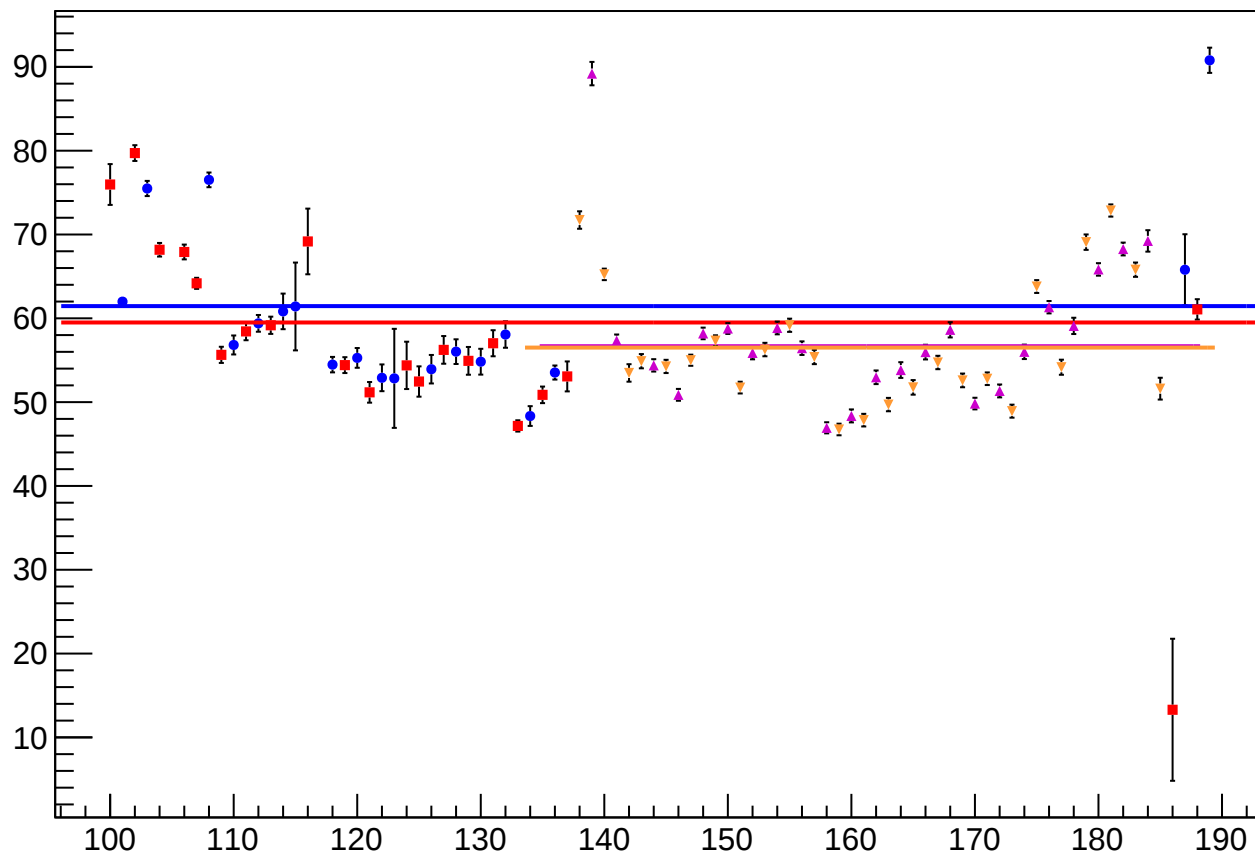
Left In: -10.149 ± 0.204 $\chi^2/\text{NDF}: 3491.7/22$

+ sign -9.835 ± 0.199 $\chi^2/\text{NDF}: 4219.5/26$

All: -9.350 ± 0.140 $\chi^2/\text{NDF}: 8435.5/51$

- sign -8.879 ± 0.196 $\chi^2/\text{NDF}: 4204.3/24$

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 61.457 $\pm$ 0.257 χ^2 /NDF: 1324.0/18

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

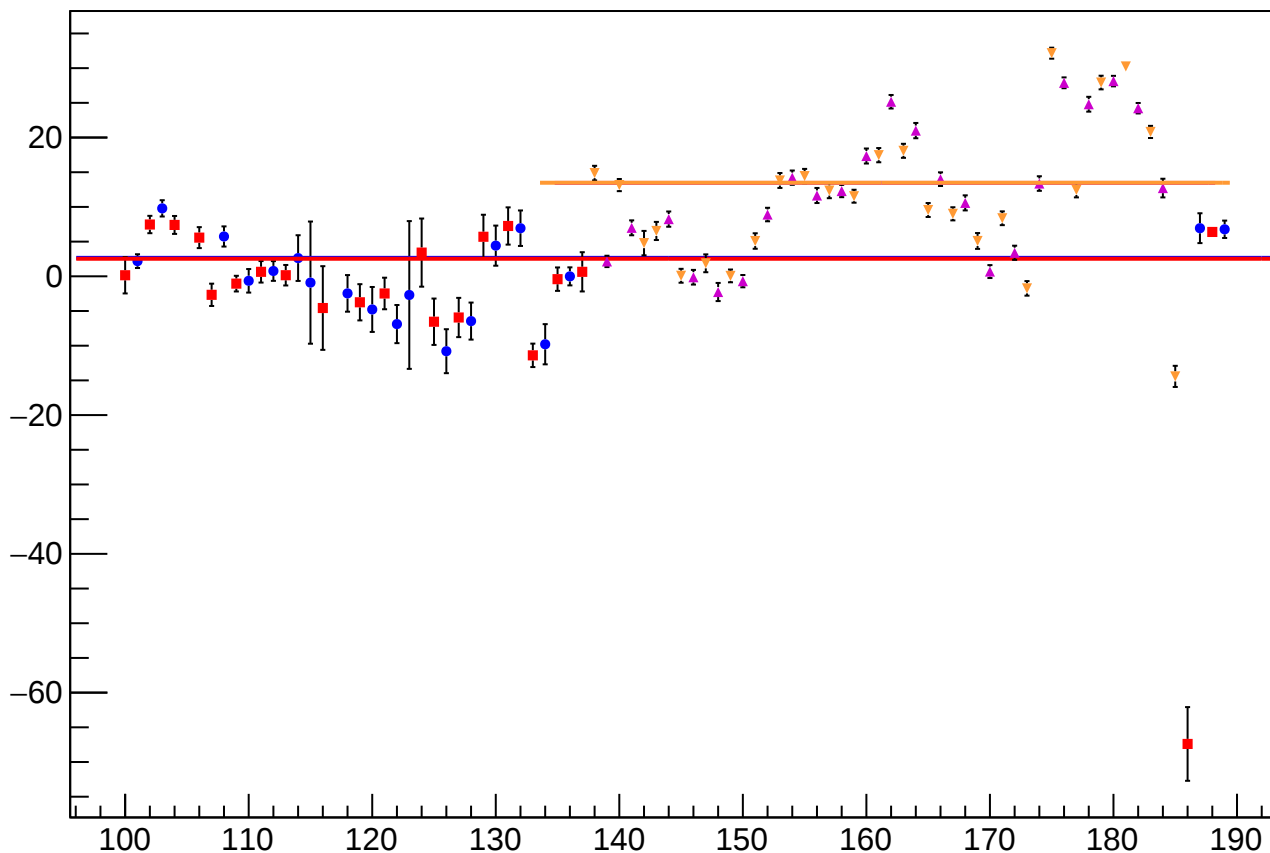
Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

+ sign 57.880 $\pm$ 0.135 χ^2 /NDF: 3554.0/43

All: 57.724 $\pm$ 0.096 χ^2 /NDF: 6677.8/87

- sign 57.565 $\pm$ 0.136 χ^2 /NDF: 3121.1/43

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 2.658 ± 0.422 χ^2/NDF : 139.0/18

Left Out: 13.485 ± 0.202 χ^2/NDF : 2731.0/24

Right Out: 2.531 ± 0.343 χ^2/NDF : 379.9/20

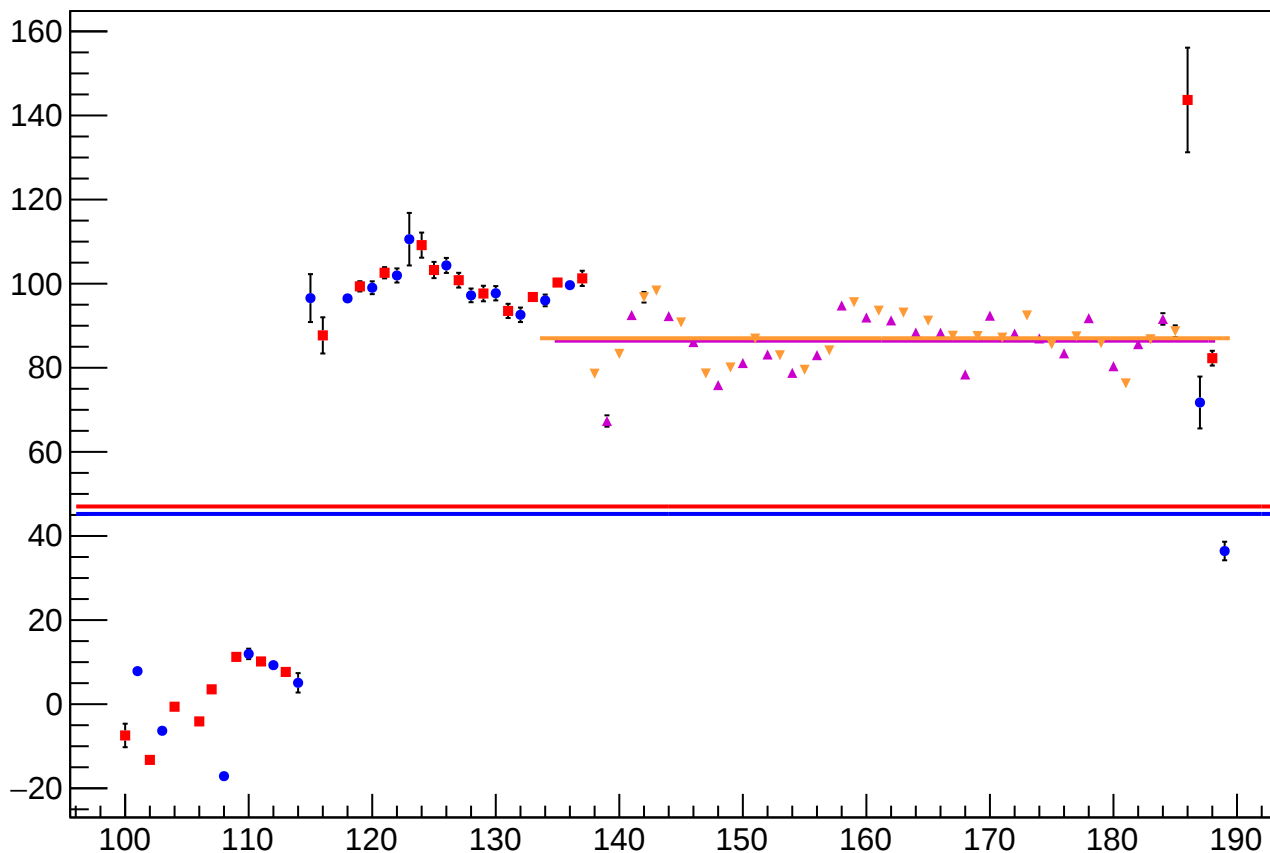
Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

+ sign 11.466 ± 0.182 χ^2/NDF : 3406.6/43

All: 11.027 ± 0.126 χ^2/NDF : 6920.4/87

- sign 10.622 ± 0.175 χ^2/NDF : 3502.7/43

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.241 $\pm$ 0.300 χ^2 /NDF: 25105.5/18

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

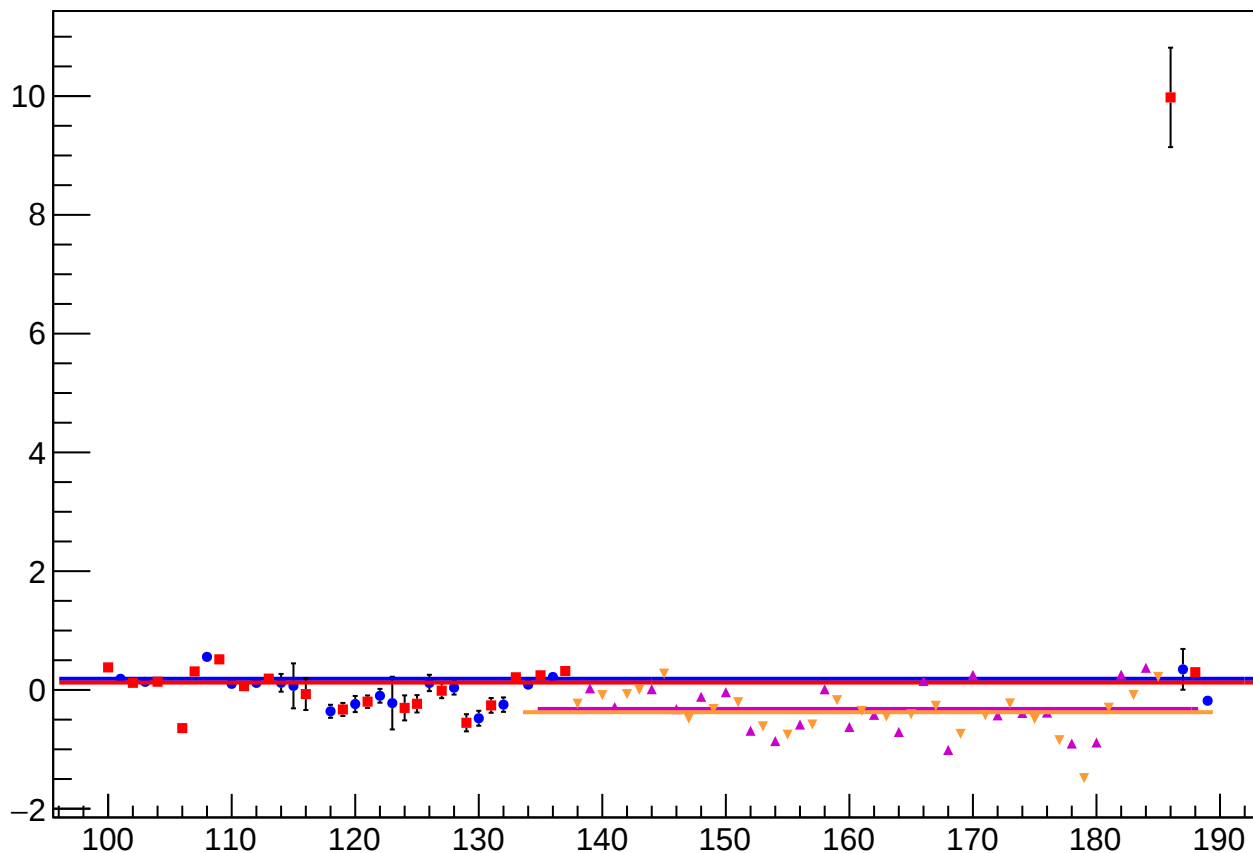
Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

+ sign 76.014 $\pm$ 0.154 χ^2 /NDF: 40442.2/43

All: 75.447 $\pm$ 0.109 χ^2 /NDF: 83675.0/87

- sign 74.876 $\pm$ 0.155 χ^2 /NDF: 43205.6/43

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.188 ± 0.014 χ^2/NDF : 243.5/18

Left Out: -0.375 ± 0.008 χ^2/NDF : 1657.5/24

Right Out: 0.124 ± 0.013 χ^2/NDF : 643.6/20

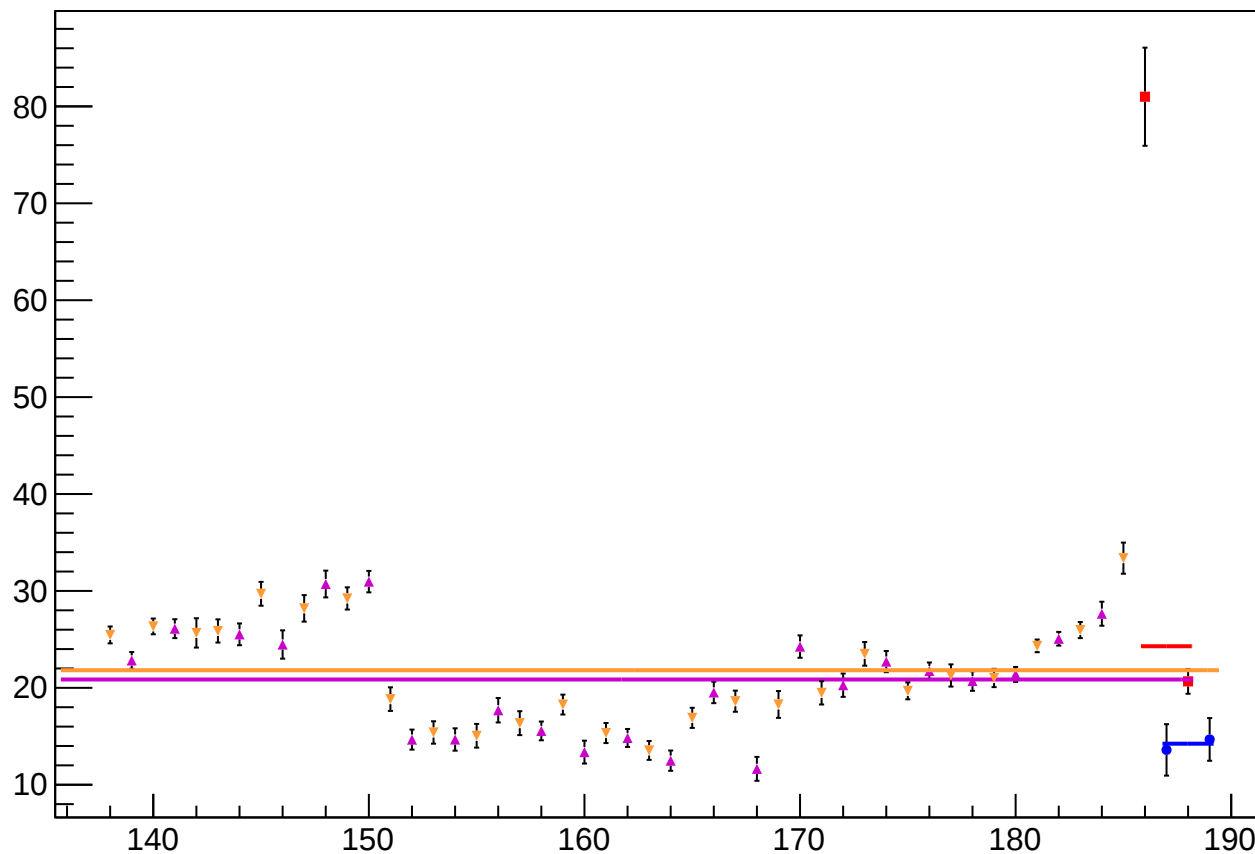
Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

+ sign -0.229 ± 0.007 χ^2/NDF : 3138.8/43

All: -0.211 ± 0.005 χ^2/NDF : 6974.2/87

- sign -0.193 ± 0.007 χ^2/NDF : 3821.5/43

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 14.236 $\pm$ 1.695 χ^2 /NDF: 0.1/1

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

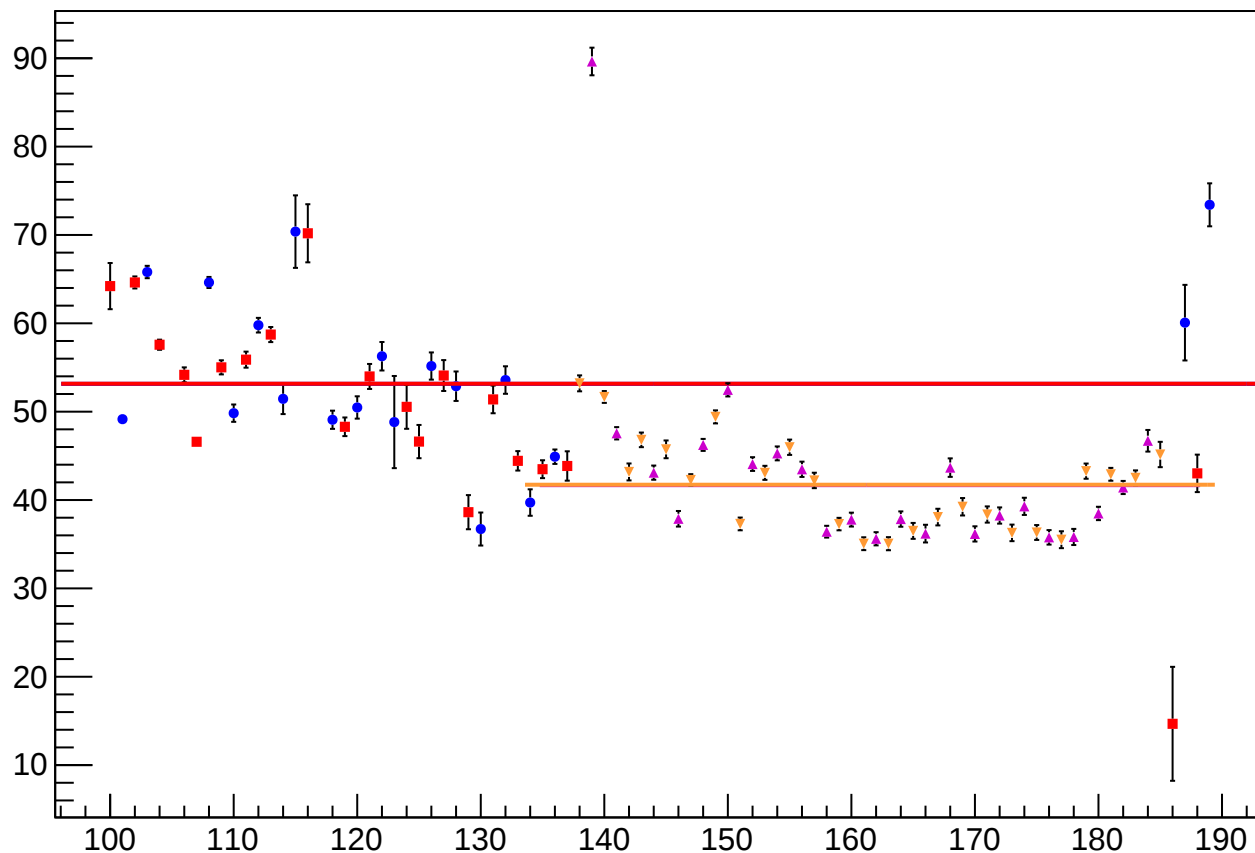
Left In: 20.860 $\pm$ 0.216 χ^2 /NDF: 575.5/22

+ sign 21.703 $\pm$ 0.209 χ^2 /NDF: 542.5/26

All: 21.339 $\pm$ 0.149 χ^2 /NDF: 1265.2/51

- sign 20.961 $\pm$ 0.212 χ^2 /NDF: 716.5/24

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 53.149+/-0.209 χ^2/NDF : 1270.4/18

Left Out: 41.732+/-0.166 χ^2/NDF : 1014.0/24

Right Out: 53.164+/-0.225 χ^2/NDF : 931.8/20

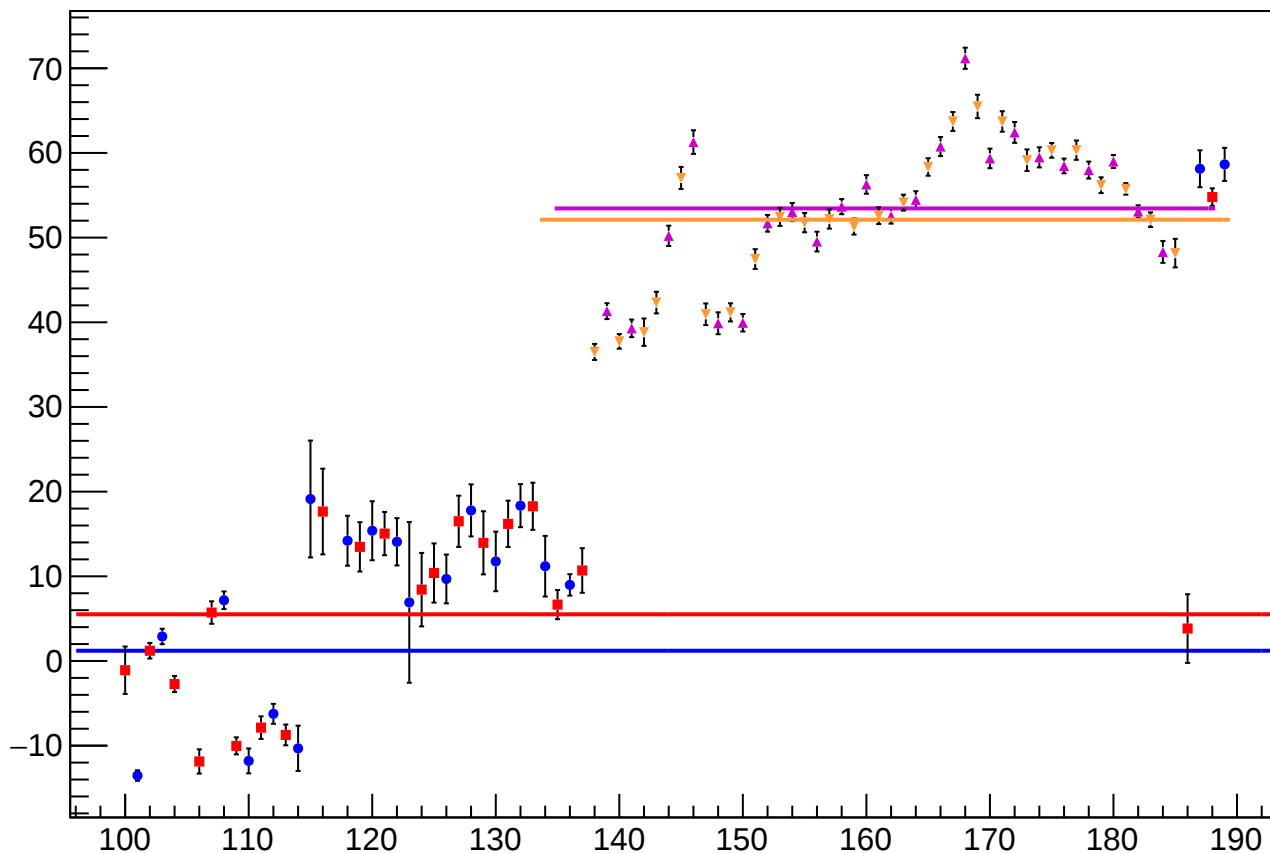
Left In: 41.682+/-0.173 χ^2/NDF : 1715.9/22

+ sign 46.141+/-0.130 χ^2/NDF : 4113.9/43

All: 46.053+/-0.094 χ^2/NDF : 8393.8/87

- sign 45.955+/-0.137 χ^2/NDF : 4278.9/43

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 1.210 ± 0.353 χ^2/NDF : 2480.6/18

Left Out: 52.116 ± 0.210 χ^2/NDF : 1445.4/24

Right Out: 5.515 ± 0.353 χ^2/NDF : 3086.9/20

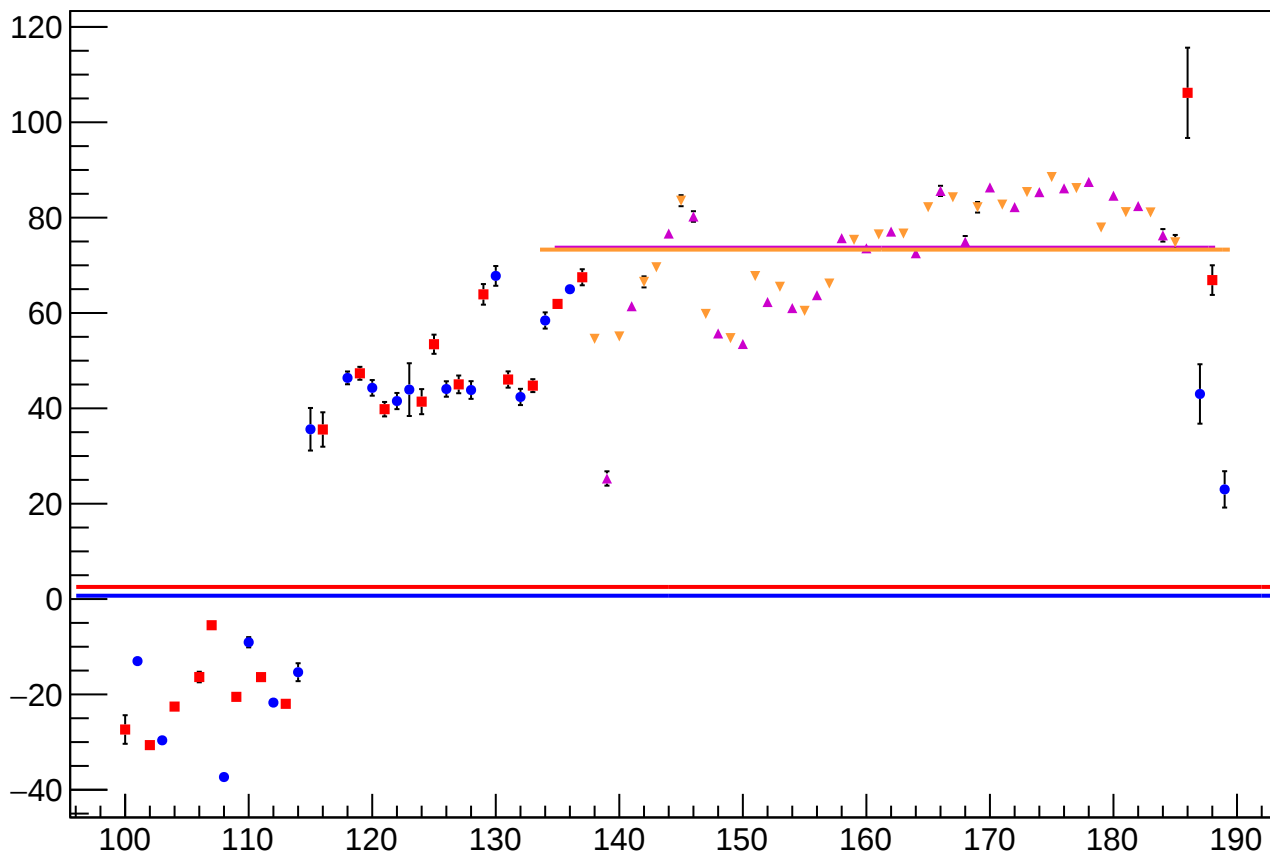
Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

+ sign 38.766 ± 0.181 χ^2/NDF : 19271.5/43

All: 39.628 ± 0.129 χ^2/NDF : 37055.8/87

- sign 40.513 ± 0.183 χ^2/NDF : 17738.2/43

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.701 ± 0.246 $\chi^2/\text{NDF}: 18504.5/18$

Left Out: 73.294 ± 0.187 $\chi^2/\text{NDF}: 3148.2/24$

Right Out: 2.544 ± 0.265 $\chi^2/\text{NDF}: 16029.0/20$

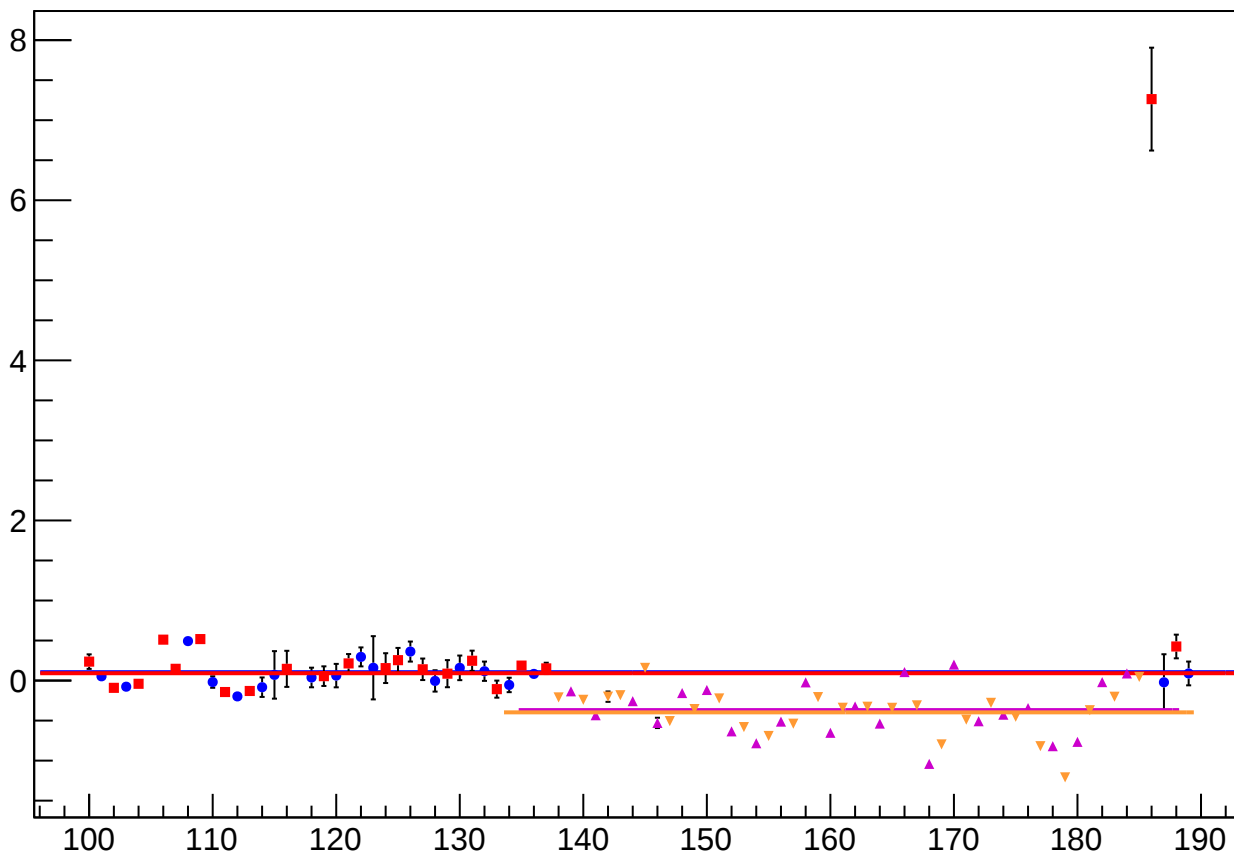
Left In: 73.699 ± 0.194 $\chi^2/\text{NDF}: 3901.1/22$

+ sign 46.646 ± 0.149 $\chi^2/\text{NDF}: 76768.0/43$

All: 47.741 ± 0.108 $\chi^2/\text{NDF}: 143673.3/87$

- sign 48.948 ± 0.157 $\chi^2/\text{NDF}: 66791.9/43$

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105+/-0.011 χ^2/NDF : 400.9/18

Left Out: -0.397+/-0.009 χ^2/NDF : 943.5/24

Right Out: 0.092+/-0.011 χ^2/NDF : 520.8/20

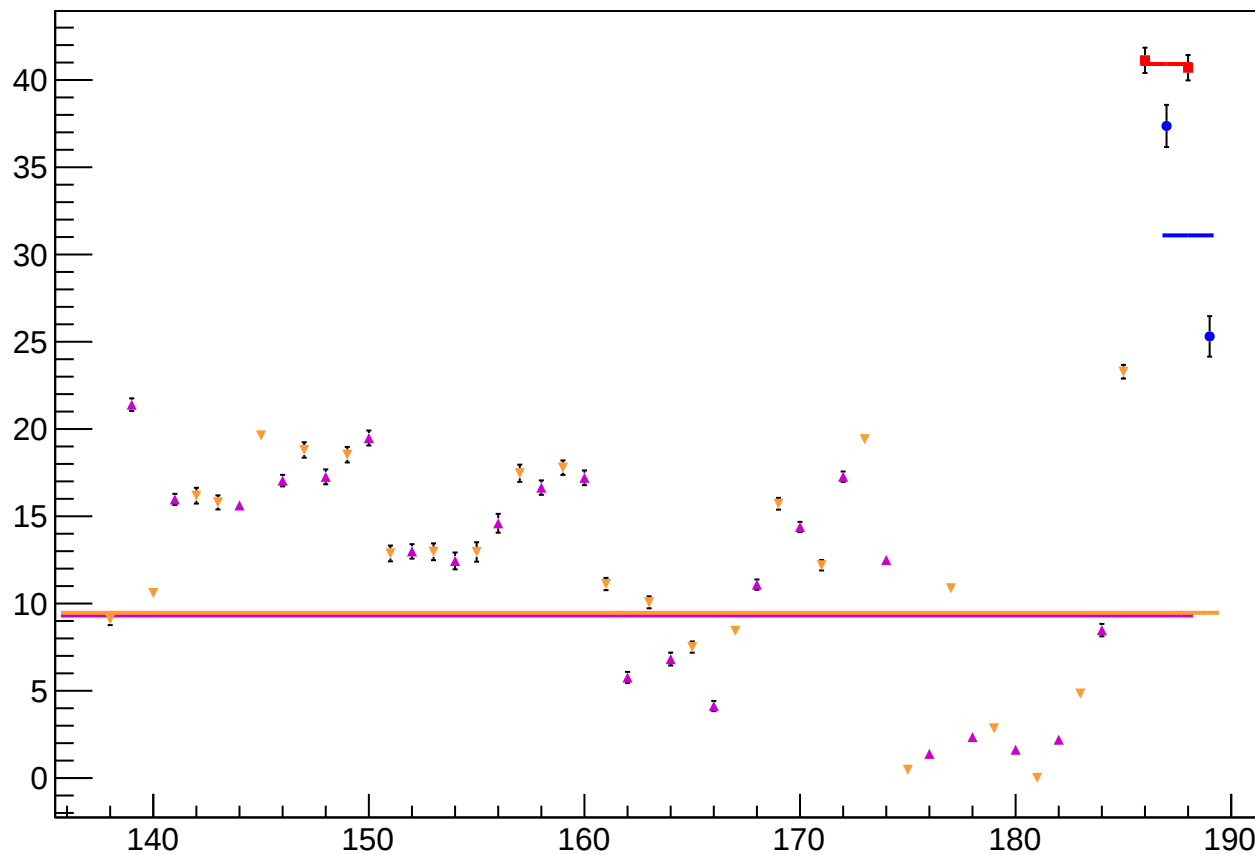
Left In: -0.369+/-0.009 χ^2/NDF : 1322.7/22

+ sign -0.208+/-0.007 χ^2/NDF : 2640.2/43

All: -0.200+/-0.005 χ^2/NDF : 5572.6/87

- sign -0.192+/-0.007 χ^2/NDF : 2929.7/43

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 31.096 $\pm$ 0.837 χ^2 /NDF: 51.8/1

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

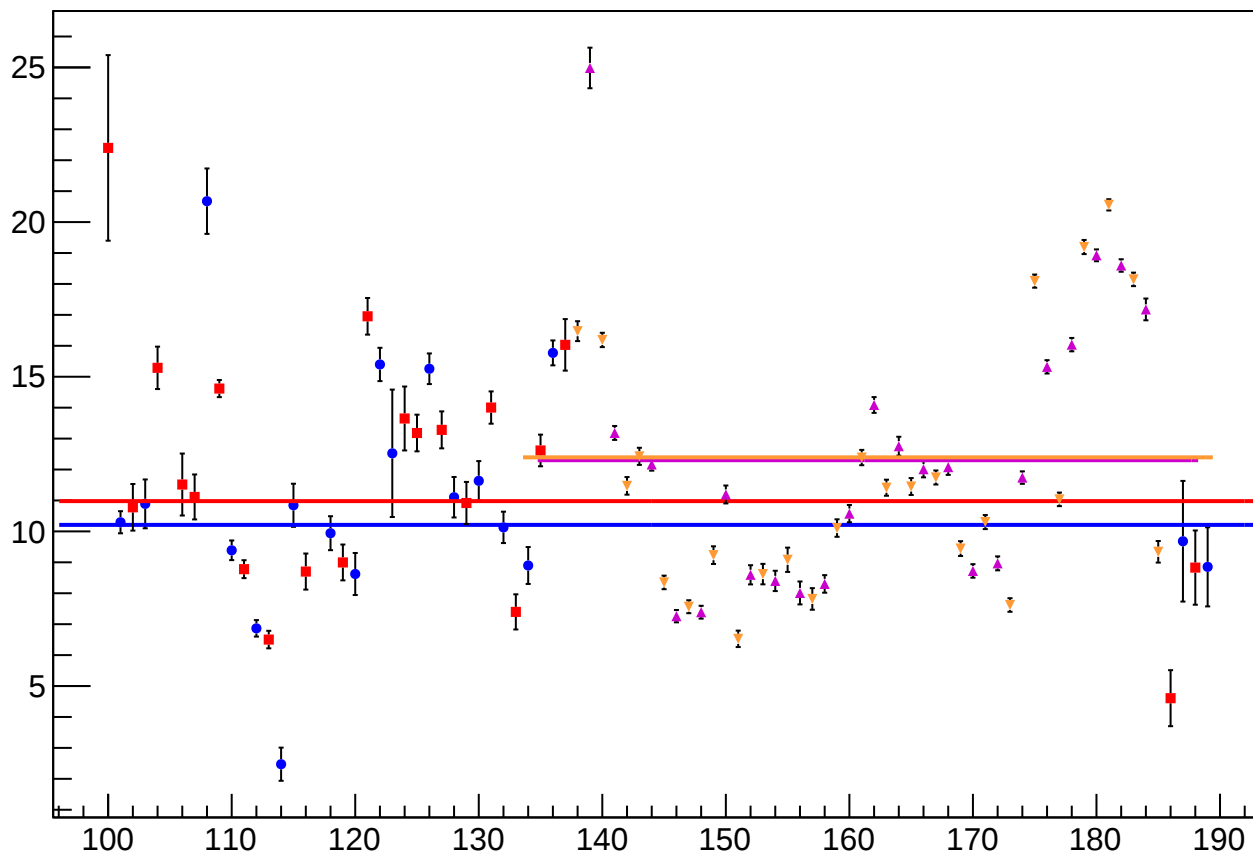
Left In: 9.315 $\pm$ 0.063 χ^2 /NDF:11007.3/22

+ sign 9.585 $\pm$ 0.061 χ^2 /NDF: 13293.9/26

All: 9.680 $\pm$ 0.044 χ^2 /NDF: 28026.7/51

- sign 9.778 $\pm$ 0.062 χ^2 /NDF: 14727.9/24

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.210 $\pm$ 0.118 χ^2 /NDF: 878.8/18

Left Out: 12.393 $\pm$ 0.050 χ^2 /NDF: 7525.9/24

Right Out: 10.979 $\pm$ 0.115 χ^2 /NDF: 871.1/20

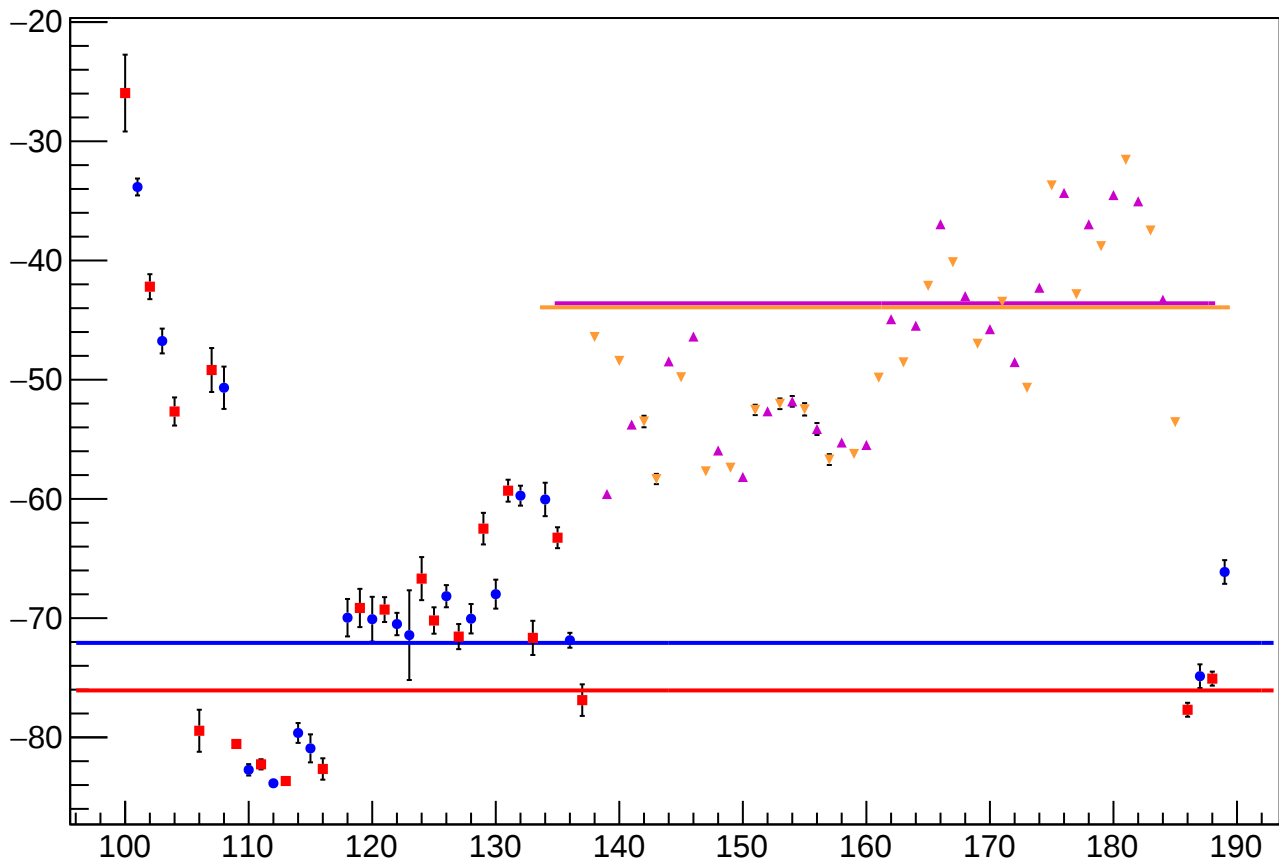
Left In: 12.302 $\pm$ 0.051 χ^2 /NDF: 5661.3/22

+ sign 12.064 $\pm$ 0.046 χ^2 /NDF: 8694.4/43

All: 12.074 $\pm$ 0.033 χ^2 /NDF: 15337.5/87

- sign 12.084 $\pm$ 0.047 χ^2 /NDF: 6643.1/43

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.076 ± 0.190 $\chi^2/\text{NDF}: 5611.1/18$

Left Out: -43.930 ± 0.062 $\chi^2/\text{NDF}: 17576.0/24$

Right Out: -76.065 ± 0.166 $\chi^2/\text{NDF}: 3476.1/20$

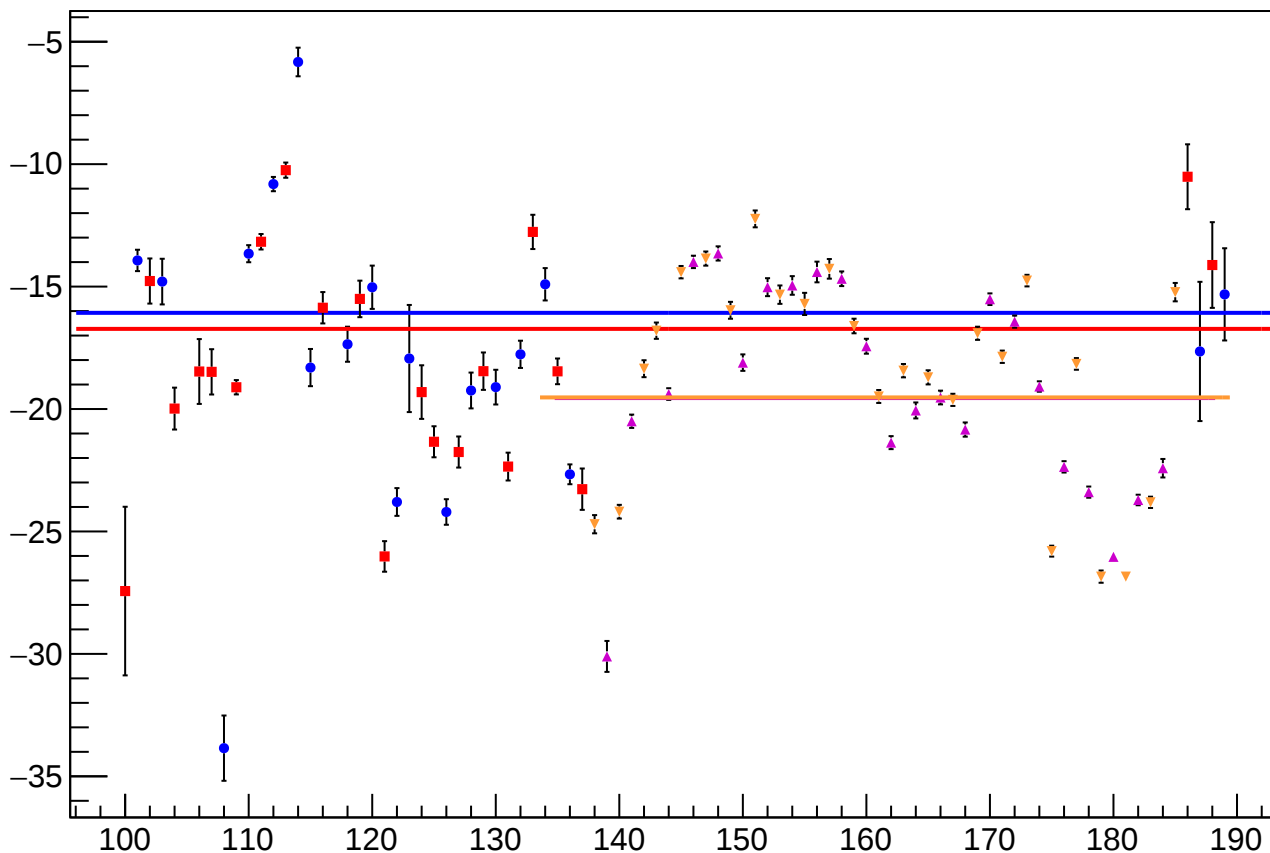
Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

+ sign -46.633 ± 0.059 $\chi^2/\text{NDF}: 42963.1/43$

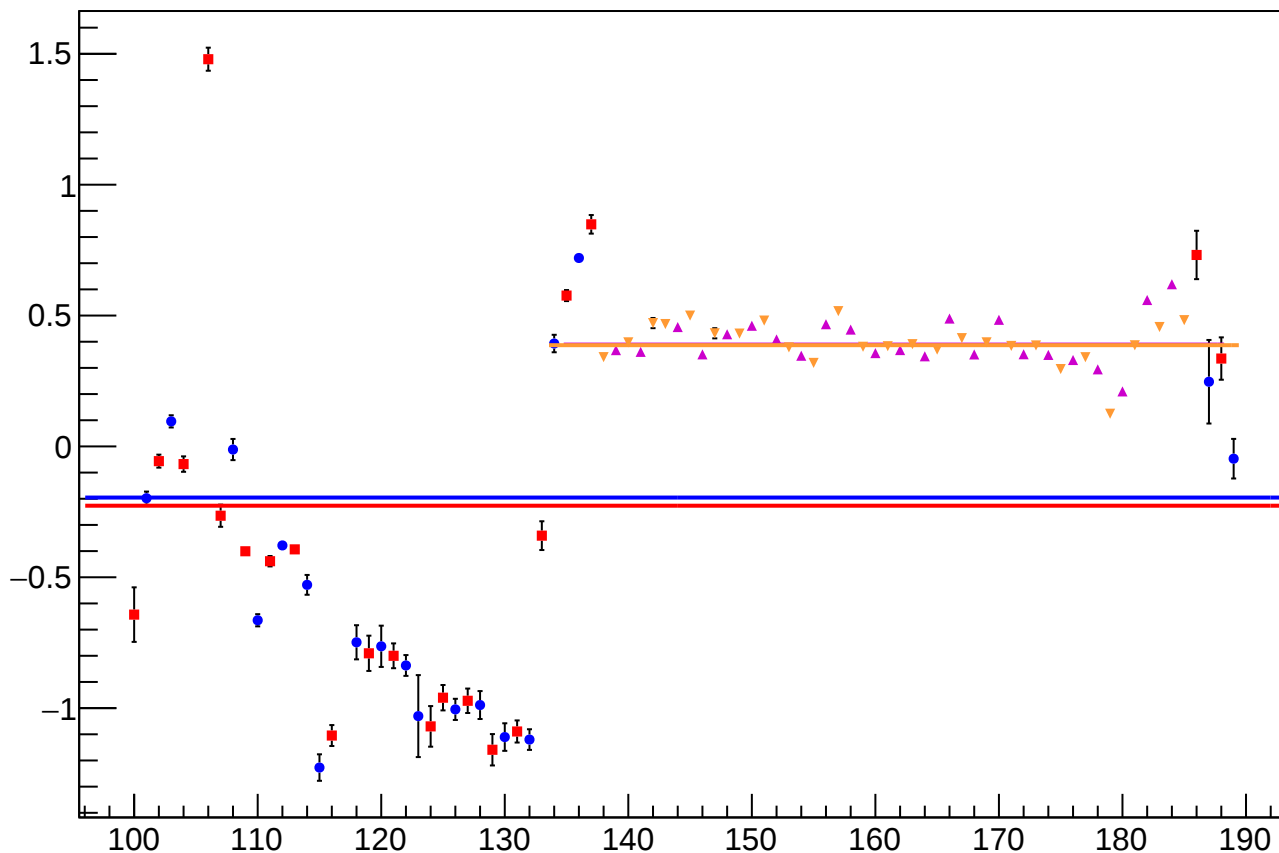
All: -47.164 ± 0.042 $\chi^2/\text{NDF}: 95681.8/87$

- sign -47.696 ± 0.059 $\chi^2/\text{NDF}: 52556.2/43$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.195 ± 0.007 χ^2/NDF : 6350.4/18

Left Out: 0.387 ± 0.003 χ^2/NDF : 989.2/24

Right Out: -0.227 ± 0.007 χ^2/NDF : 6379.6/20

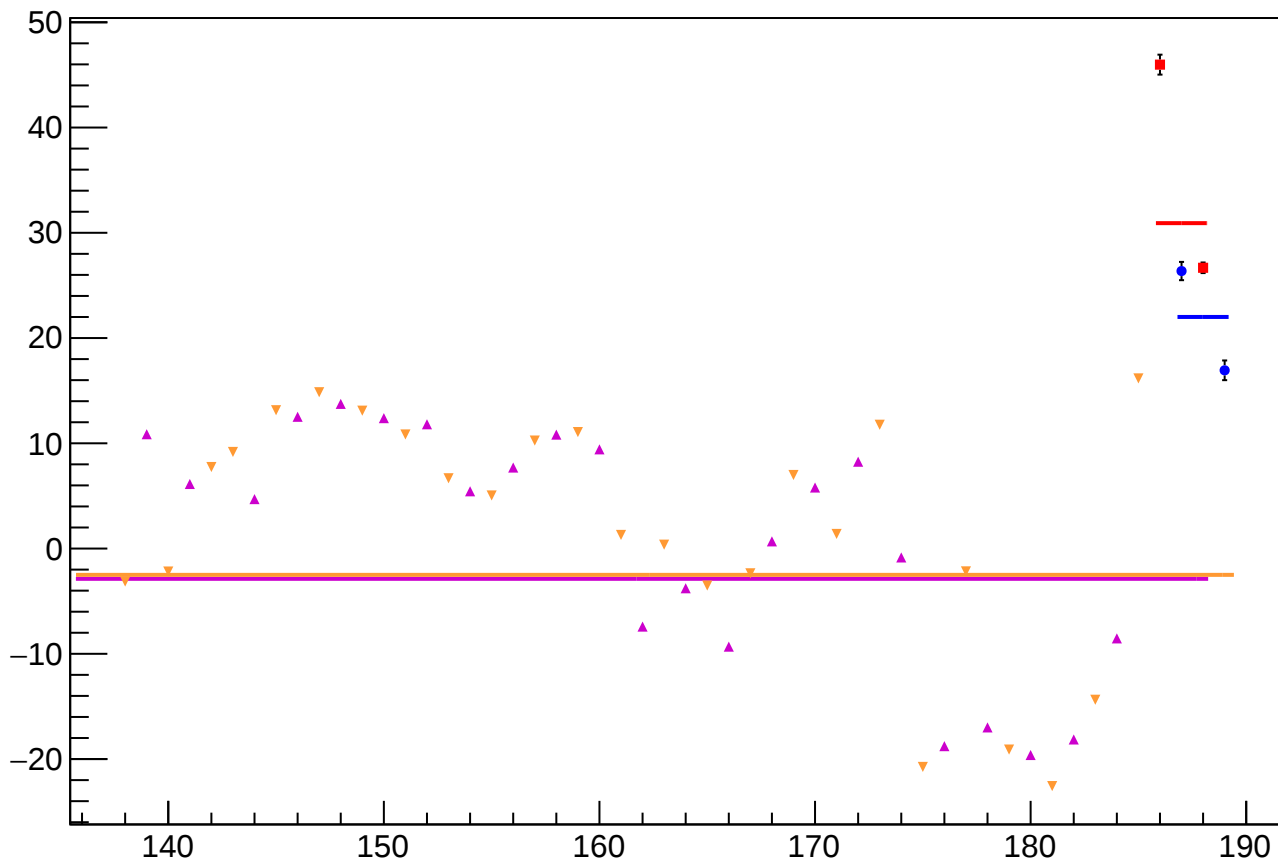
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ sign 0.326 ± 0.002 χ^2/NDF : 12747.4/43

All: 0.321 ± 0.002 χ^2/NDF : 26981.0/87

- sign 0.316 ± 0.002 χ^2/NDF : 14226.1/43

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 22.004 $\pm$ 0.636 χ^2 /NDF: 54.6/1

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

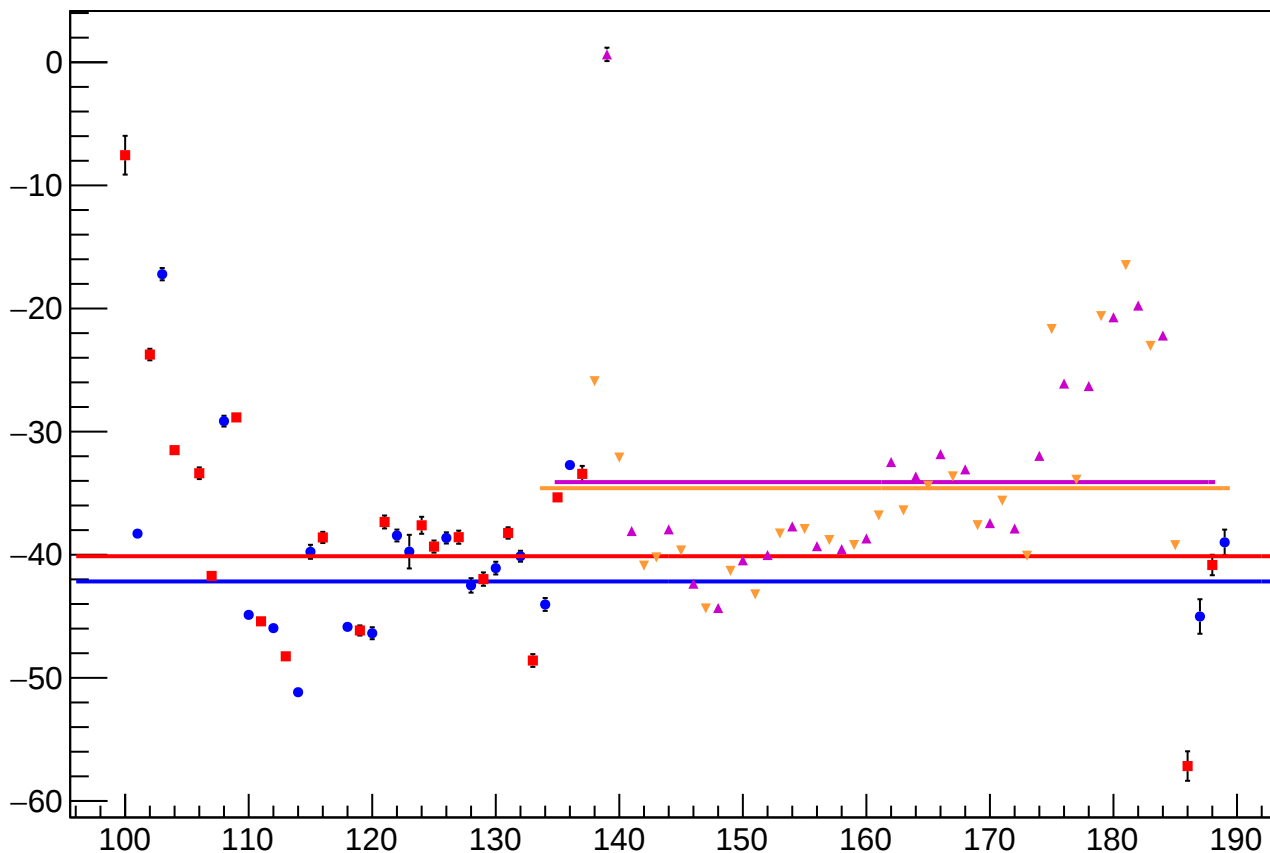
Left In: -2.876 $\pm$ 0.055 χ^2 /NDF: 46380.9/22

+ sign -2.330 $\pm$ 0.053 χ^2 /NDF: 57458.1/26

All: -2.351 $\pm$ 0.038 χ^2 /NDF: 109866.3/51

- sign -2.372 $\pm$ 0.054 χ^2 /NDF: 52407.9/24

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.169 ± 0.077 $\chi^2/\text{NDF}: 6587.4/18$

Left Out: -34.594 ± 0.042 $\chi^2/\text{NDF}: 34404.6/24$

Right Out: -40.121 ± 0.072 $\chi^2/\text{NDF}: 11517.6/20$

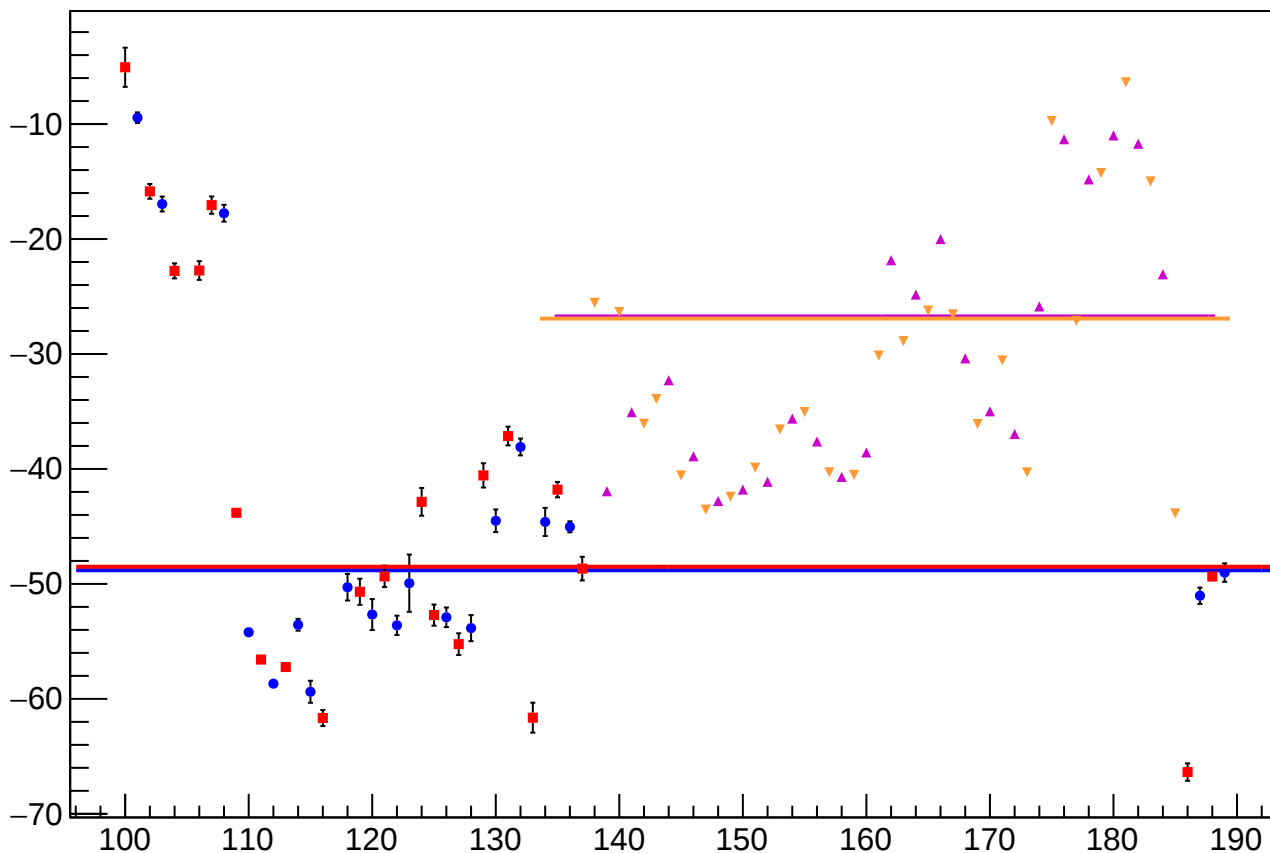
Left In: -34.099 ± 0.044 $\chi^2/\text{NDF}: 29370.6/22$

+ sign -36.313 ± 0.037 $\chi^2/\text{NDF}: 48391.6/43$

All: -36.020 ± 0.026 $\chi^2/\text{NDF}: 94472.0/87$

- sign -35.716 ± 0.037 $\chi^2/\text{NDF}: 45951.2/43$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.815 ± 0.121 $\chi^2/\text{NDF}: 14668.5/18$

Left Out: -26.920 ± 0.053 $\chi^2/\text{NDF}: 49198.9/24$

Right Out: -48.506 ± 0.103 $\chi^2/\text{NDF}: 12304.2/20$

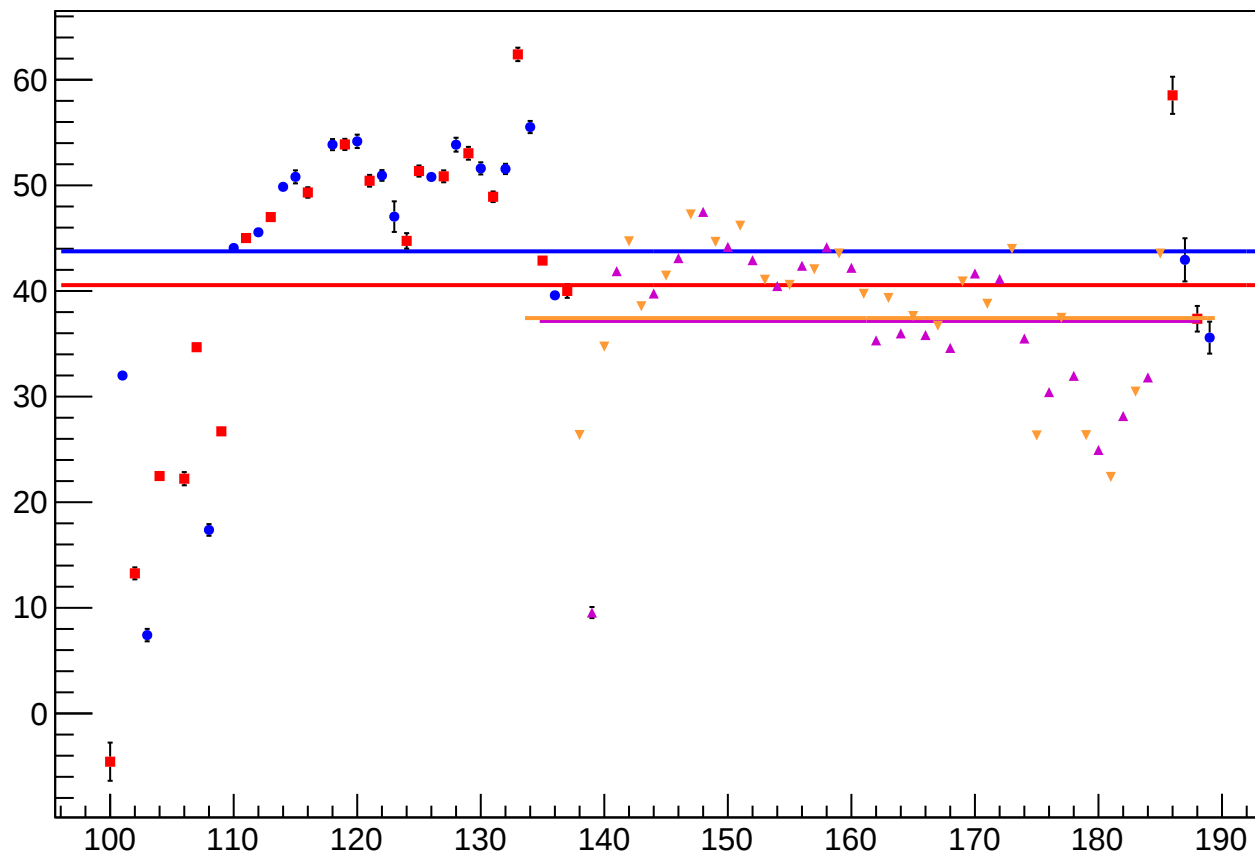
Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

+ sign -30.473 ± 0.049 $\chi^2/\text{NDF}: 91219.0/43$

All: -31.016 ± 0.034 $\chi^2/\text{NDF}: 181411.0/87$

- sign -31.547 ± 0.048 $\chi^2/\text{NDF}: 89947.5/43$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.754 $\pm$ 0.086 χ^2 /NDF: 10668.1/18

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

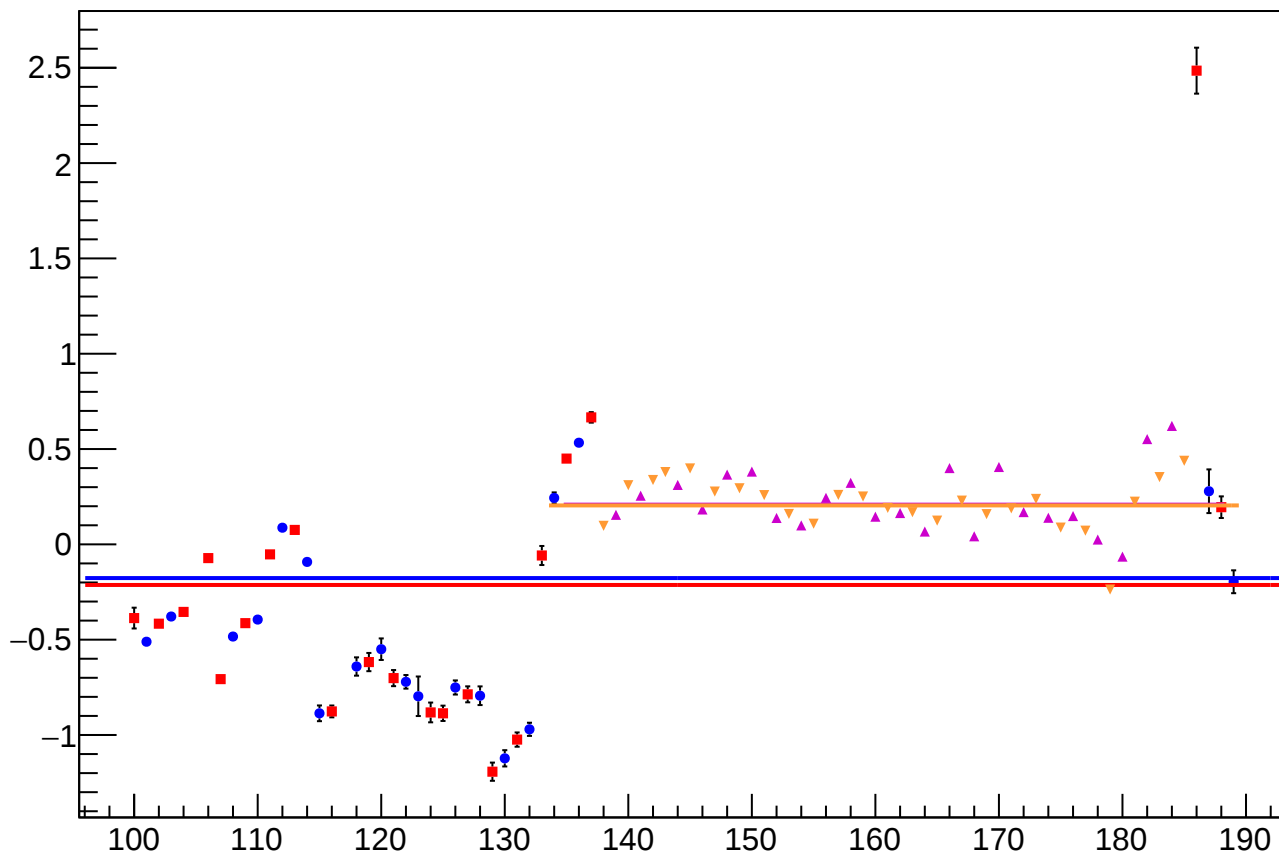
Left In: 37.164 $\pm$ 0.049 χ^2 /NDF:17427.3/22

+ sign 38.893 $\pm$ 0.042 χ^2 /NDF: 36299.1/43

All: 38.497 $\pm$ 0.029 χ^2 /NDF: 72908.5/87

- 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 : 7391.8/18

Left Out: 0.204 ± 0.002 χ^2/NDF : 3801.8/24

Right Out: -0.213 ± 0.004 χ^2/NDF : 8024.1/20

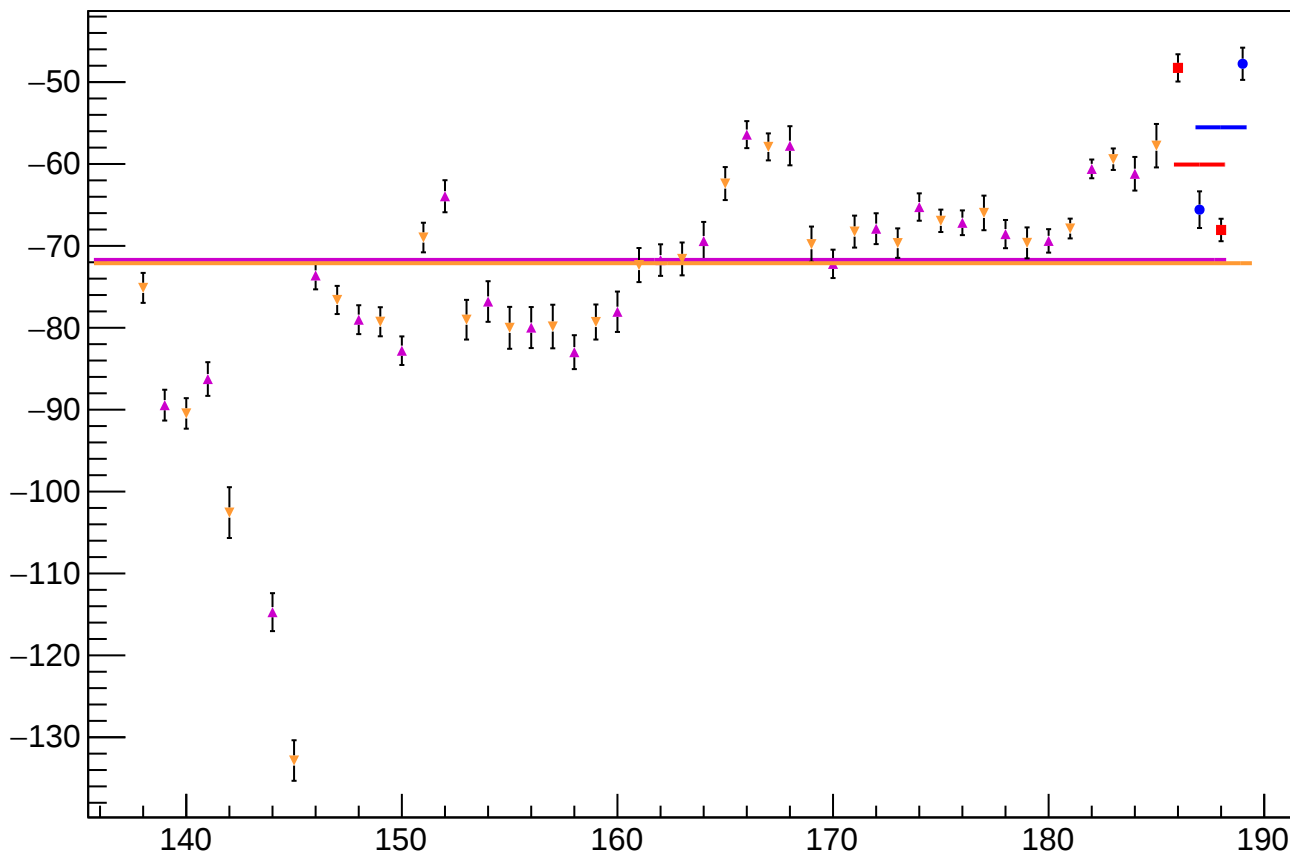
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.139 ± 0.002 χ^2/NDF : 16391.9/43

All: 0.129 ± 0.001 χ^2/NDF : 37165.2/87

- sign 0.118 ± 0.002 χ^2/NDF : 20715.4/43

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -55.522 ± 1.478 χ^2/NDF : 35.7/1

Left Out: -72.115 ± 0.383 χ^2/NDF : 1125.2/23

Right Out: -60.068 ± 1.059 χ^2/NDF : 84.1/1

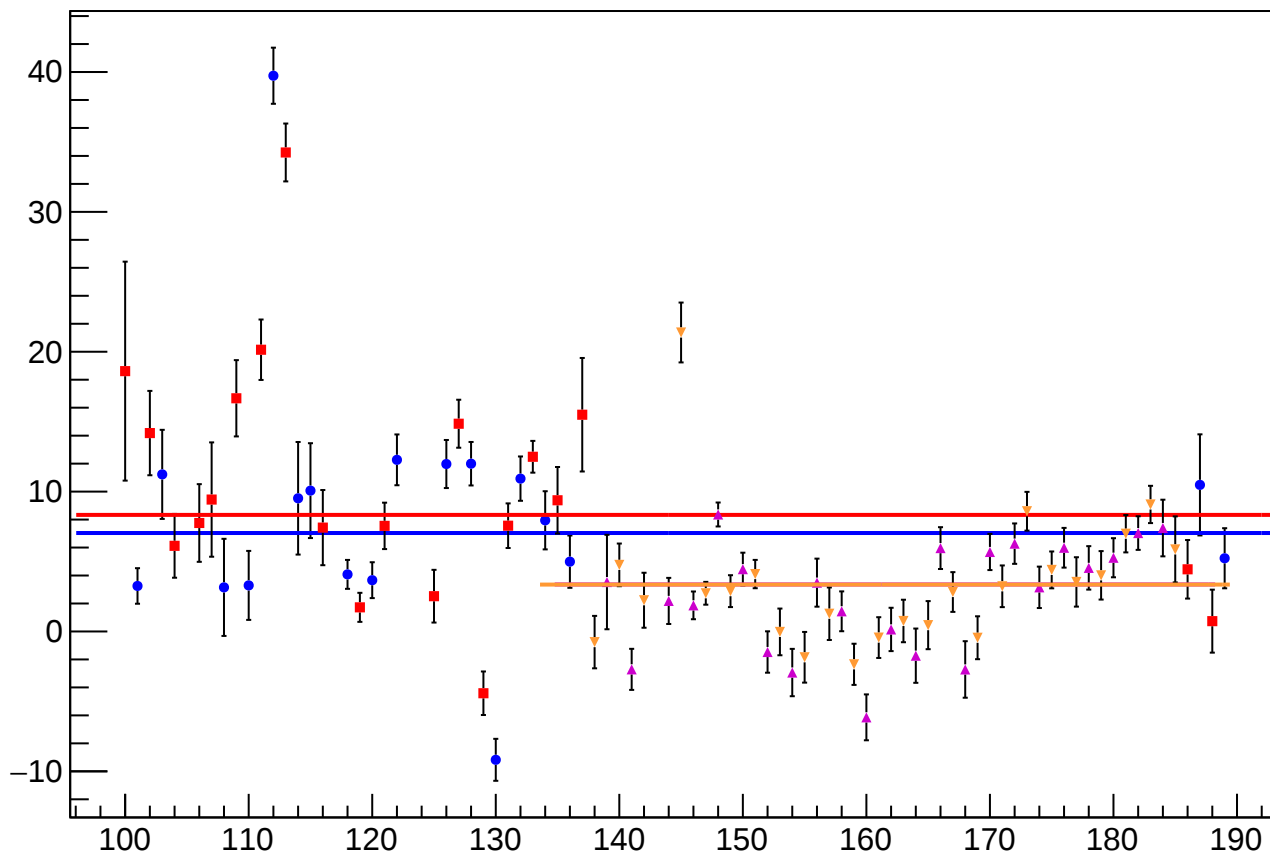
Left In: -71.713 ± 0.380 χ^2/NDF : 884.6/22

+ sign -71.072 ± 0.371 χ^2/NDF : 1279.0/25

All: -70.715 ± 0.257 χ^2/NDF : 2356.8/50

- sign -70.382 ± 0.358 χ^2/NDF : 1075.9/24

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.039 ± 0.422 χ^2/NDF : 448.5/17

Left Out: 3.353 ± 0.295 χ^2/NDF : 167.8/23

Right Out: 8.335 ± 0.431 χ^2/NDF : 366.4/19

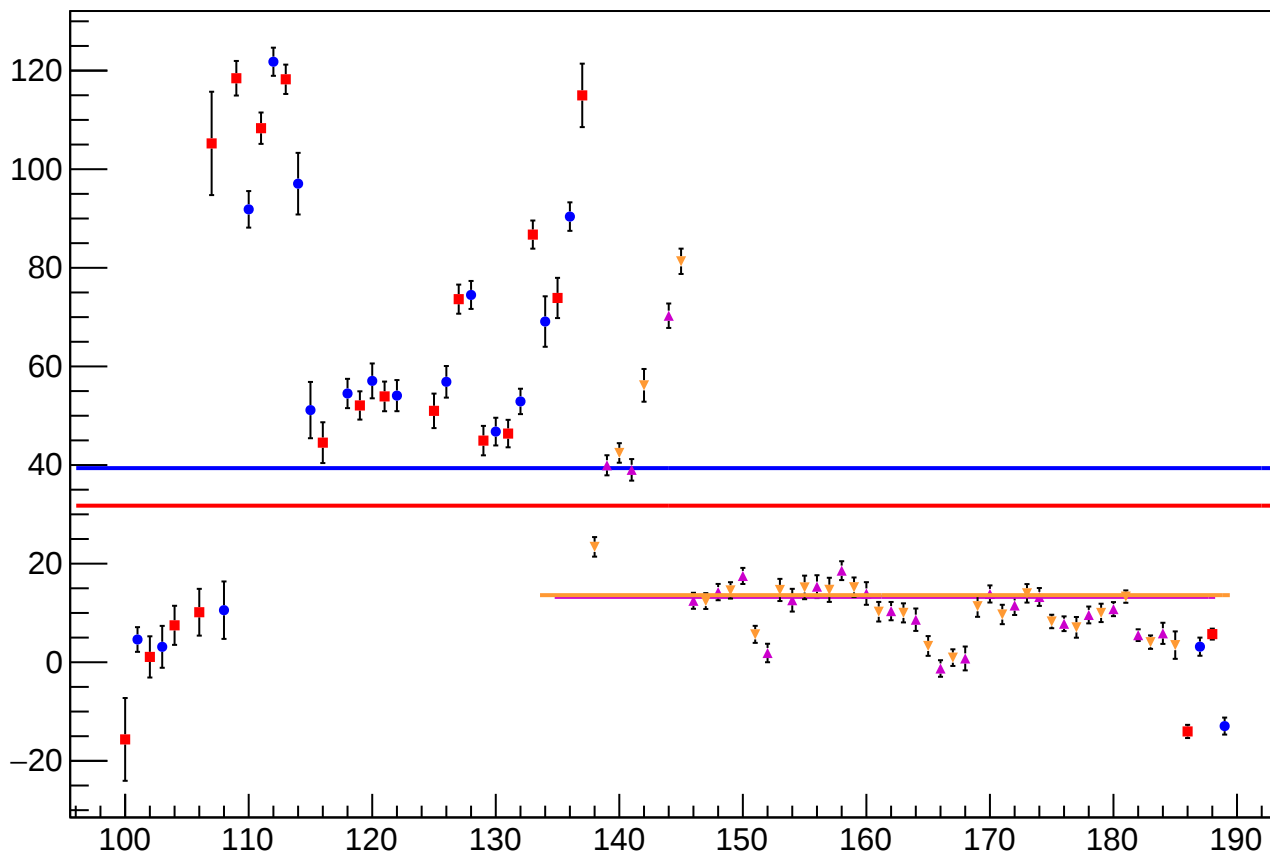
Left In: 3.360 ± 0.298 χ^2/NDF : 164.5/22

+ sign 4.561 ± 0.242 χ^2/NDF : 667.6/41

All: 4.761 ± 0.172 χ^2/NDF : 1290.1/84

- sign 4.966 ± 0.245 χ^2/NDF : 621.1/42

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 39.374 ± 0.694 χ^2/NDF : 3355.8/17

Left Out: 13.610 ± 0.382 χ^2/NDF : 1303.3/23

Right Out: 31.759 ± 0.599 χ^2/NDF : 4989.3/19

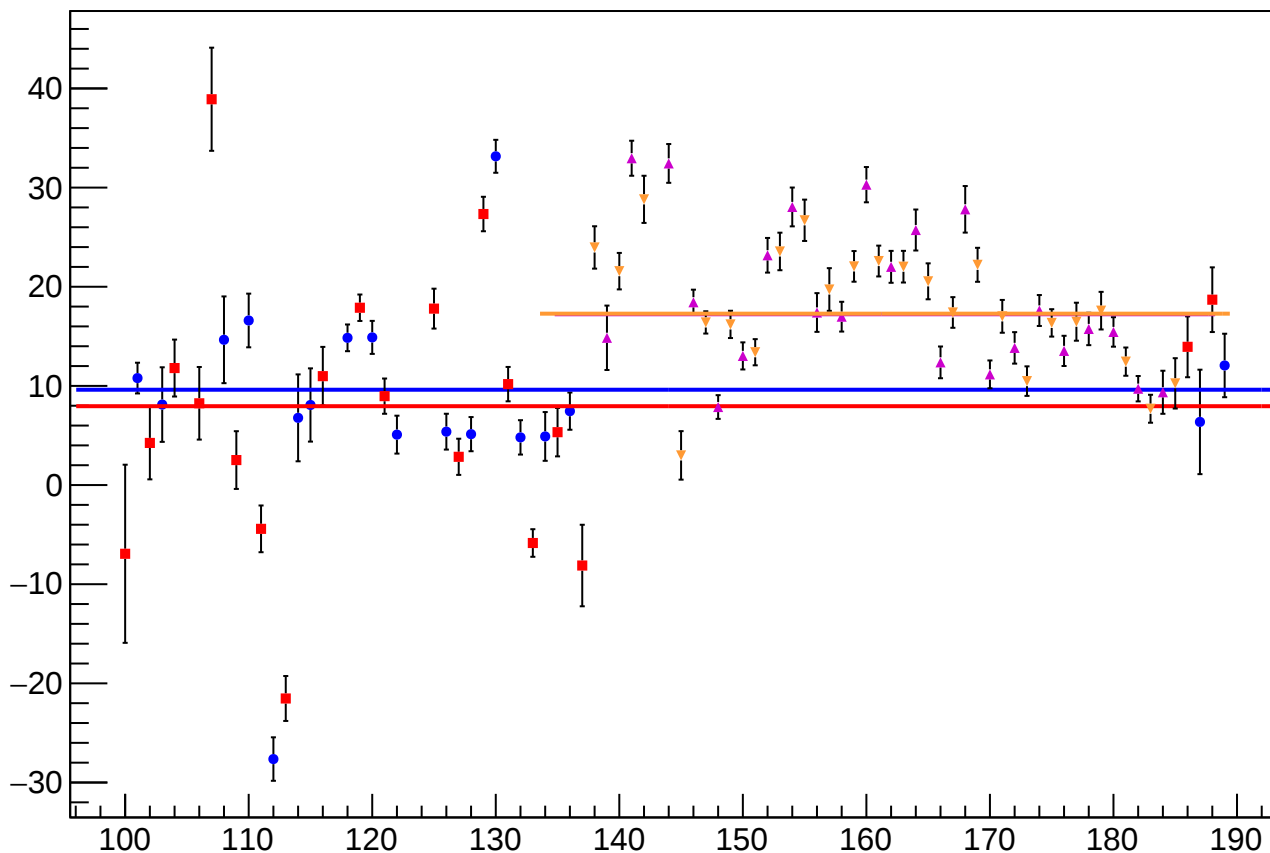
Left In: 13.262 ± 0.379 χ^2/NDF : 1077.0/22

+ sign 19.597 ± 0.334 χ^2/NDF : 5717.8/41

All: 19.047 ± 0.231 χ^2/NDF : 12471.2/84

- sign 18.544 ± 0.320 χ^2/NDF : 6748.2/42

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.613 $\pm$ 0.493 χ^2/NDF : 555.4/17

Left Out: 17.285 $\pm$ 0.337 χ^2/NDF : 244.0/23

Right Out: 7.953 $\pm$ 0.502 χ^2/NDF : 585.2/19

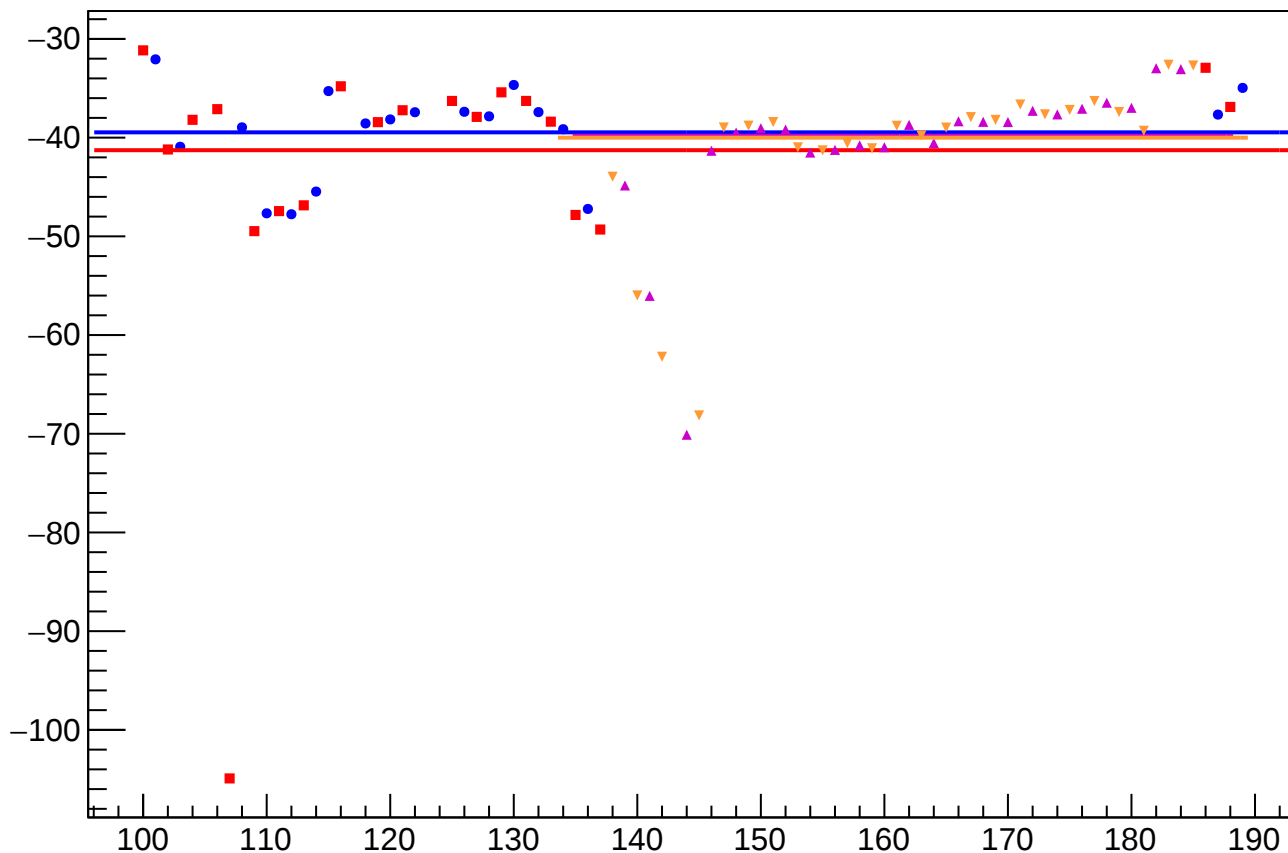
Left In: 17.224 $\pm$ 0.339 χ^2/NDF : 442.2/22

+ sign 14.841 $\pm$ 0.278 χ^2/NDF : 964.5/41

All: 14.588 $\pm$ 0.198 χ^2/NDF : 2227.7/84

- sign 14.330 $\pm$ 0.281 χ^2/NDF : 1261.5/42

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.465 ± 0.030 χ^2/NDF : 27659.5/17

Left Out: -40.002 ± 0.016 χ^2/NDF : 172150.1/23

Right Out: -41.273 ± 0.030 χ^2/NDF : 97047.5/19

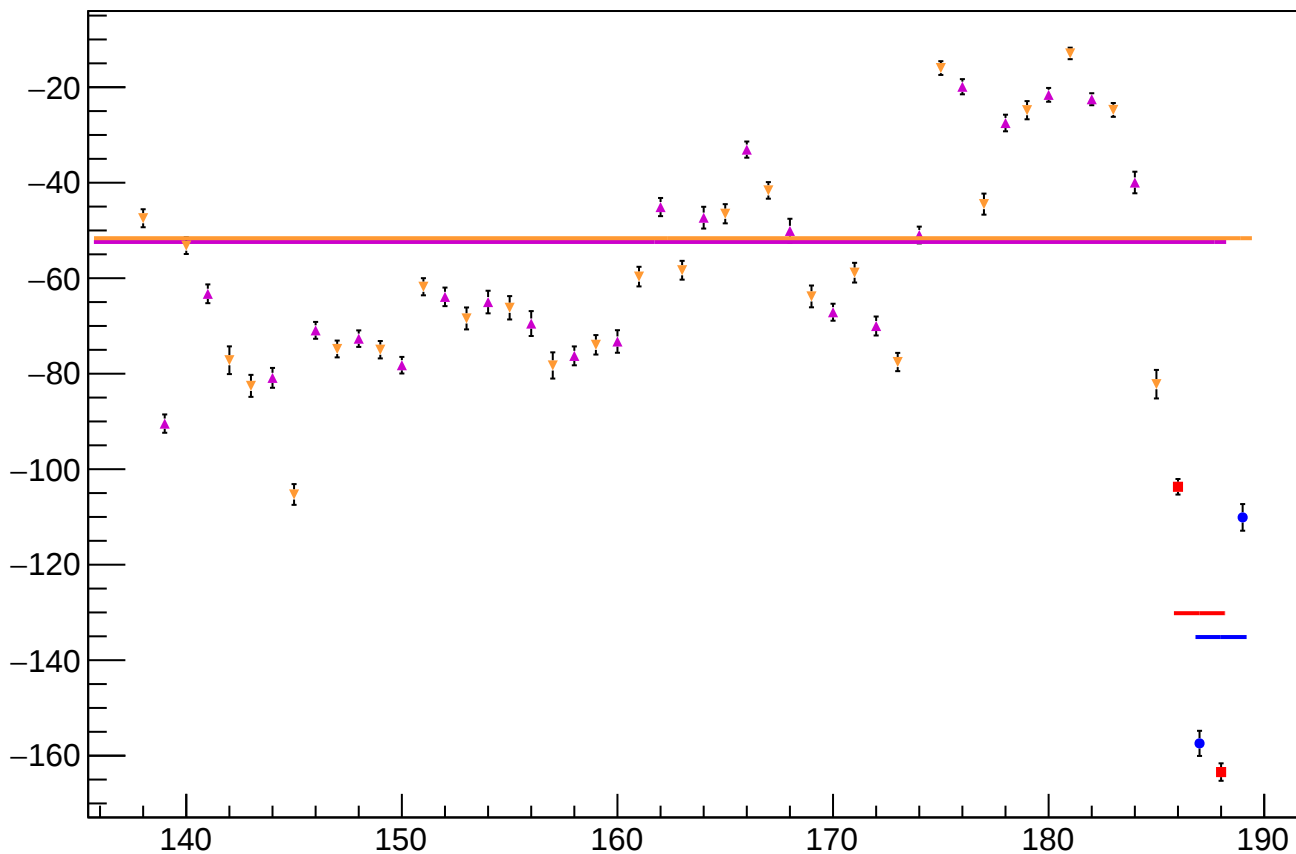
Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

+ sign -39.886 ± 0.014 χ^2/NDF : 200061.3/41

All: -40.004 ± 0.010 χ^2/NDF : 444886.7/84

- sign -40.120 ± 0.014 χ^2/NDF : 244682.9/42

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -135.152 ± 1.915 $\chi^2/\text{NDF}: 152.2/1$

Left Out: -51.622 ± 0.383 $\chi^2/\text{NDF}: 4133.0/24$

Right Out: -130.158 ± 1.218 $\chi^2/\text{NDF}: 594.2/1$

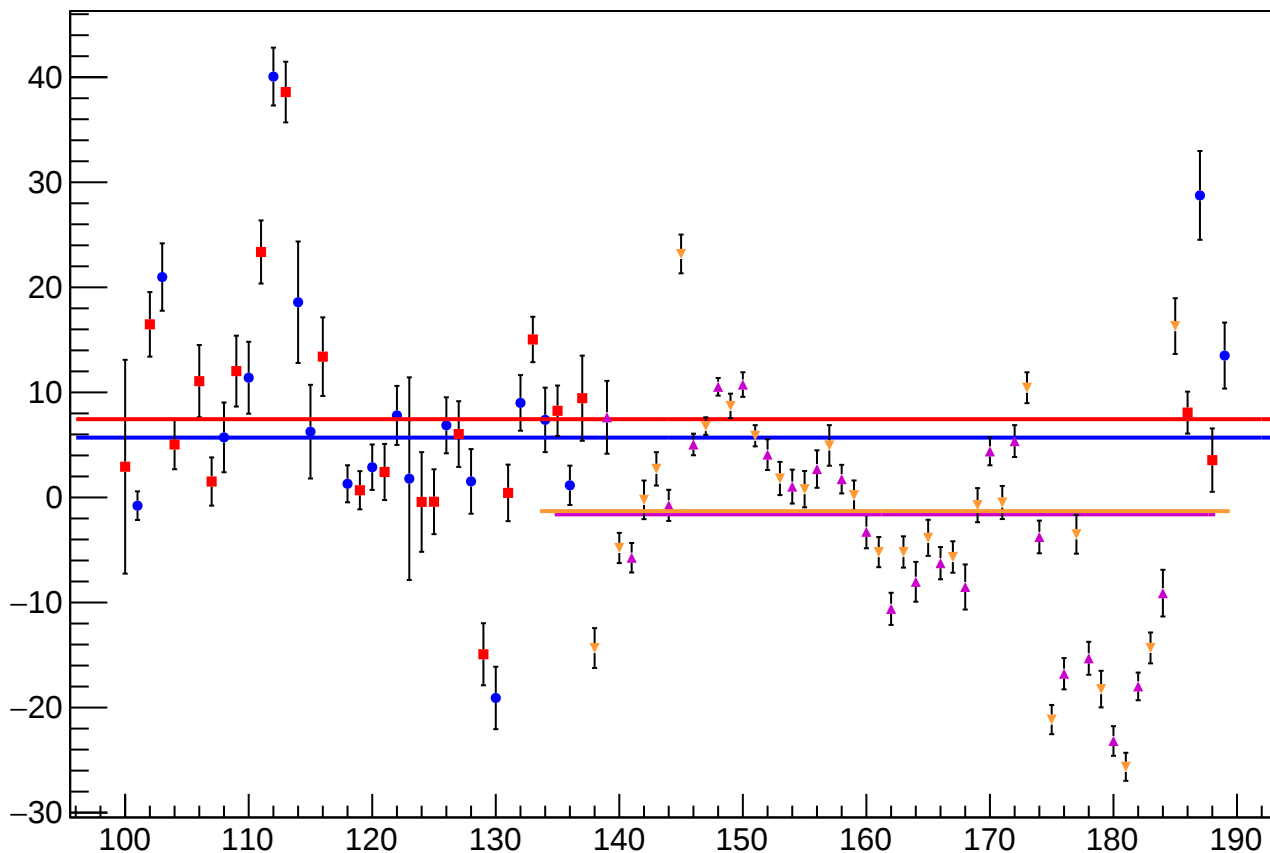
Left In: -52.409 ± 0.387 $\chi^2/\text{NDF}: 3378.7/22$

+ sign -54.842 ± 0.376 $\chi^2/\text{NDF}: 6114.6/26$

All: -57.240 ± 0.263 $\chi^2/\text{NDF}: 13870.5/51$

- sign -59.549 ± 0.369 $\chi^2/\text{NDF}: 7676.0/24$

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 5.696 ± 0.603 $\chi^2/\text{NDF}: 333.0/18$

Left Out: -1.300 ± 0.293 $\chi^2/\text{NDF}: 1315.7/24$

Right Out: 7.450 ± 0.607 $\chi^2/\text{NDF}: 272.0/20$

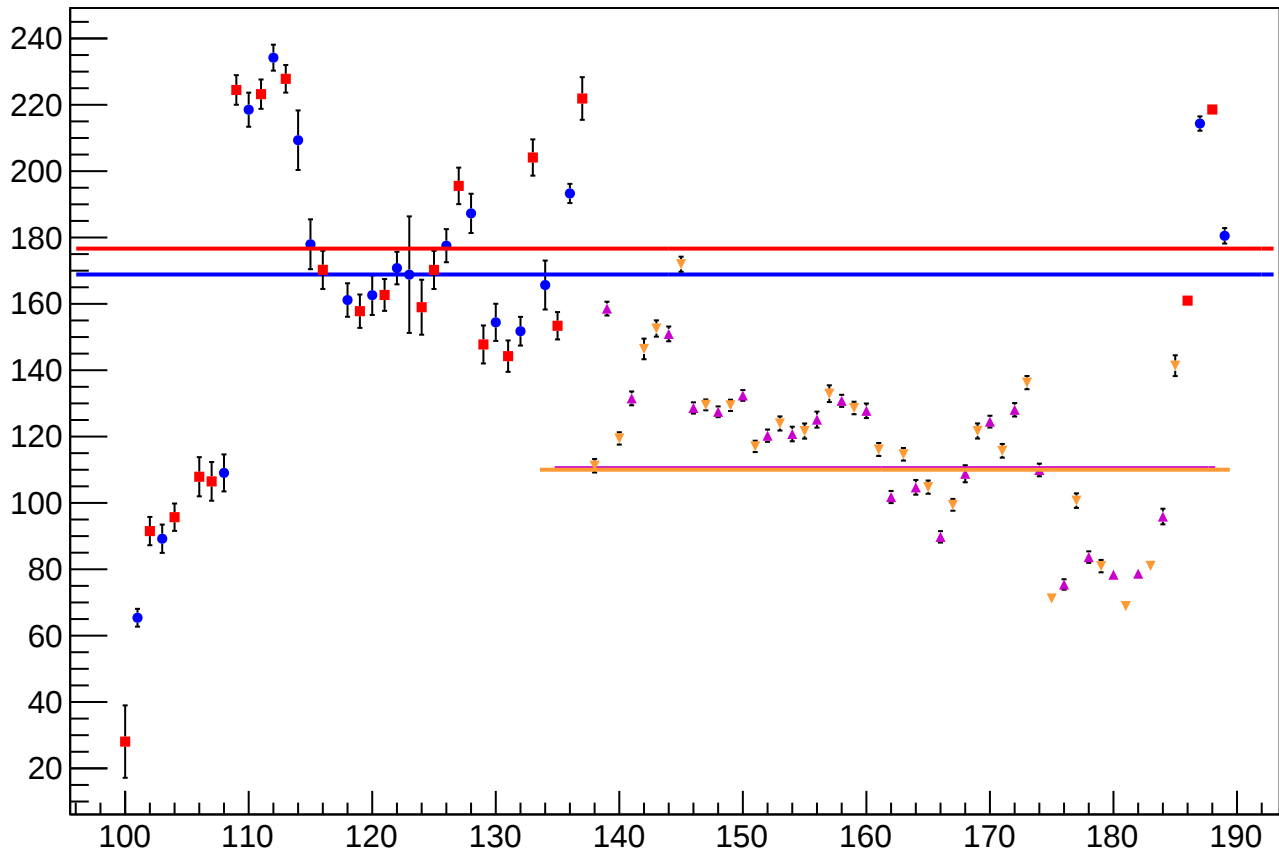
Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

+ sign 0.032 ± 0.263 $\chi^2/\text{NDF}: 1757.6/43$

All: 0.098 ± 0.188 $\chi^2/\text{NDF}: 3306.3/87$

- sign 0.167 ± 0.269 $\chi^2/\text{NDF}: 1548.5/43$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 168.855 ± 0.929 χ^2/NDF : 2919.5/18

Left Out: 110.012 ± 0.383 χ^2/NDF : 4537.0/24

Right Out: 176.658 ± 0.752 χ^2/NDF : 2800.5/20

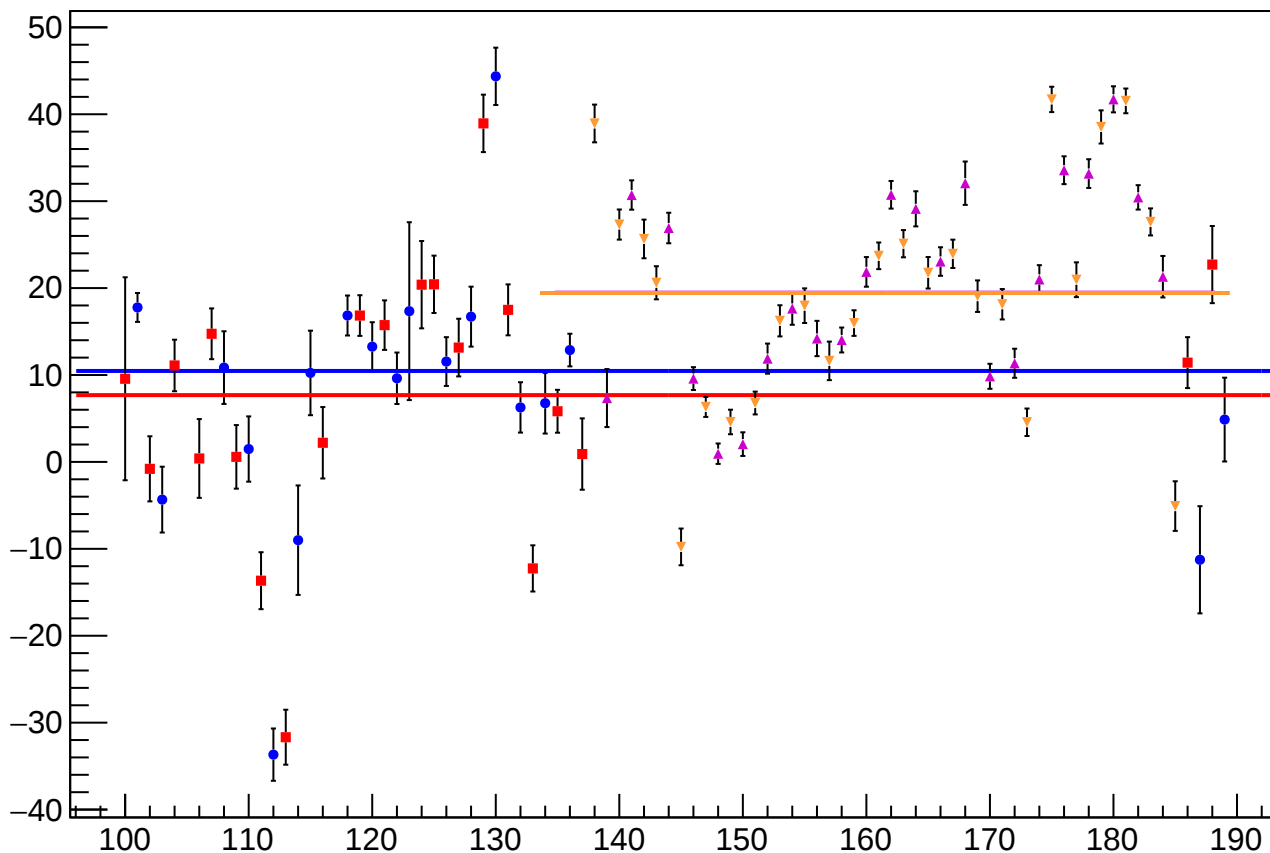
Left In: 110.482 ± 0.385 χ^2/NDF : 3824.9/22

+ sign 118.559 ± 0.354 χ^2/NDF : 10889.4/43

All: 121.479 ± 0.246 χ^2/NDF : 23787.0/87

- sign 124.214 ± 0.342 χ^2/NDF : 12765.7/43

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.465 $\pm$ 0.701 χ^2/NDF : 402.2/18

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

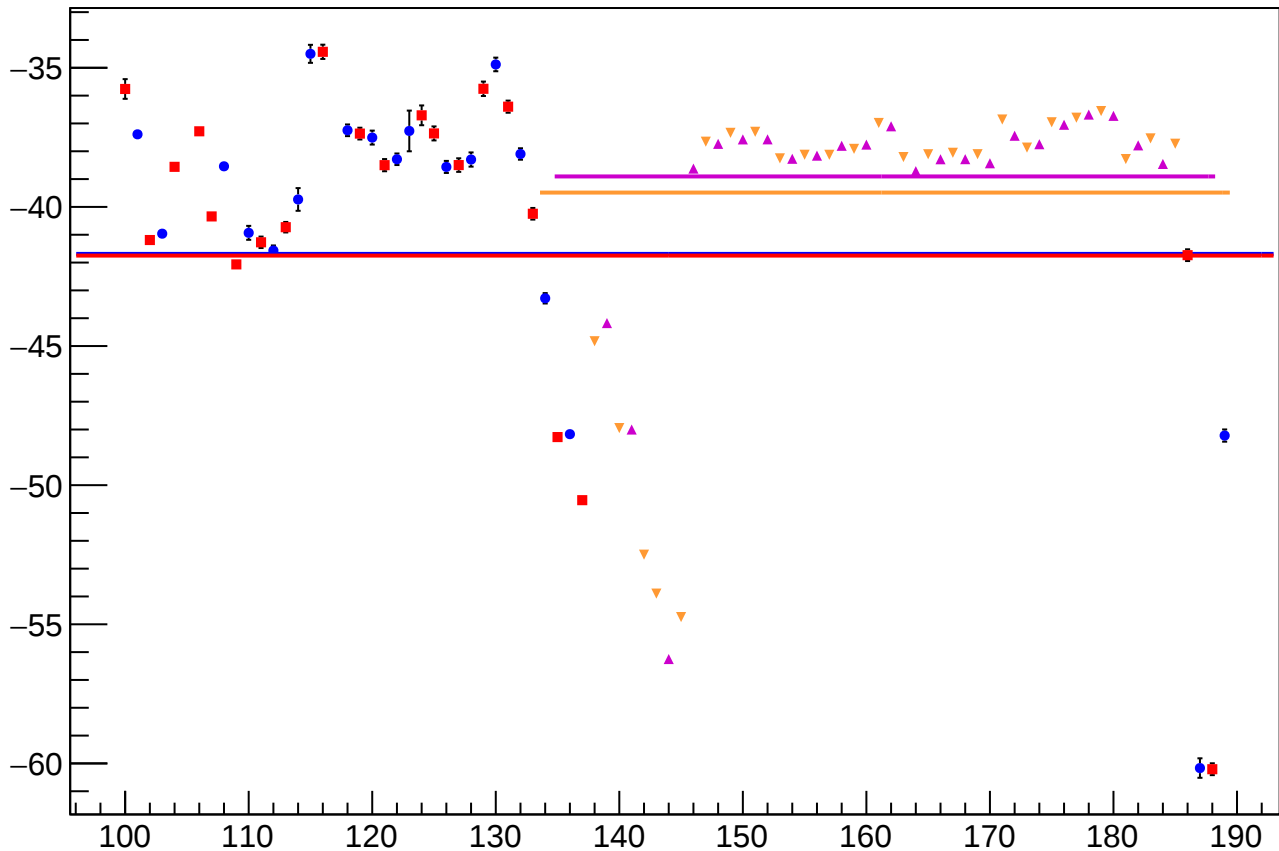
Left In: 19.472 $\pm$ 0.342 χ^2/NDF : 1188.2/22

+ sign 17.763 $\pm$ 0.303 χ^2/NDF : 1987.6/43

All: 17.527 $\pm$ 0.216 χ^2/NDF : 3836.6/87

- sign 17.283 $\pm$ 0.308 χ^2/NDF : 1847.7/43

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.689 ± 0.038 $\chi^2/\text{NDF}: 16357.4/18$

Left Out: -39.484 ± 0.016 $\chi^2/\text{NDF}: 88877.3/24$

Right Out: -41.749 ± 0.037 $\chi^2/\text{NDF}: 19962.5/20$

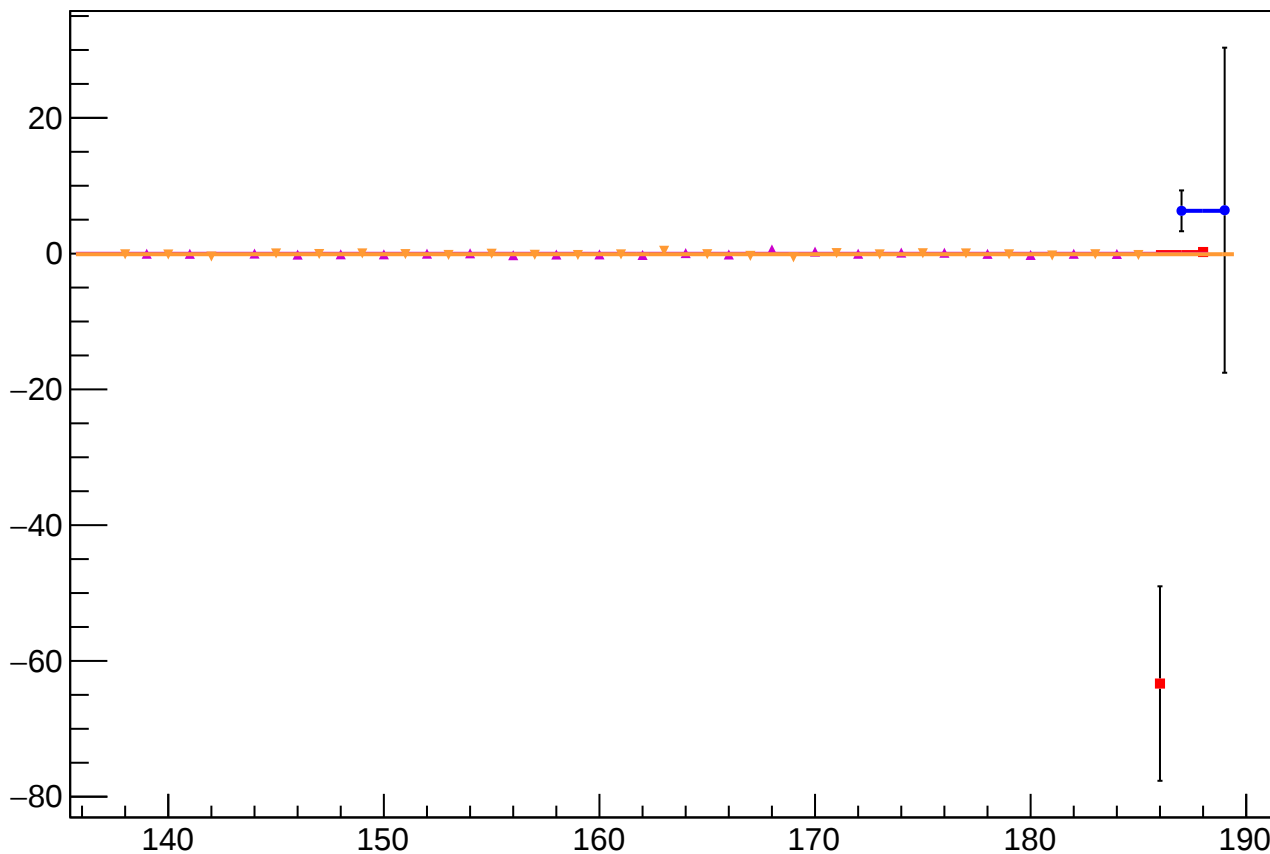
Left In: -38.905 ± 0.016 $\chi^2/\text{NDF}: 54282.7/22$

+ sign -39.813 ± 0.015 $\chi^2/\text{NDF}: 108145.3/43$

All: -39.574 ± 0.010 $\chi^2/\text{NDF}: 187836.1/87$

- sign -39.336 ± 0.015 $\chi^2/\text{NDF}: 79153.4/43$

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 6.306 ± 2.984 χ^2/NDF : 0.0/1

Left Out: -0.089 ± 0.022 χ^2/NDF : 40.0/23

Right Out: 0.228 ± 0.158 χ^2/NDF : 19.7/1

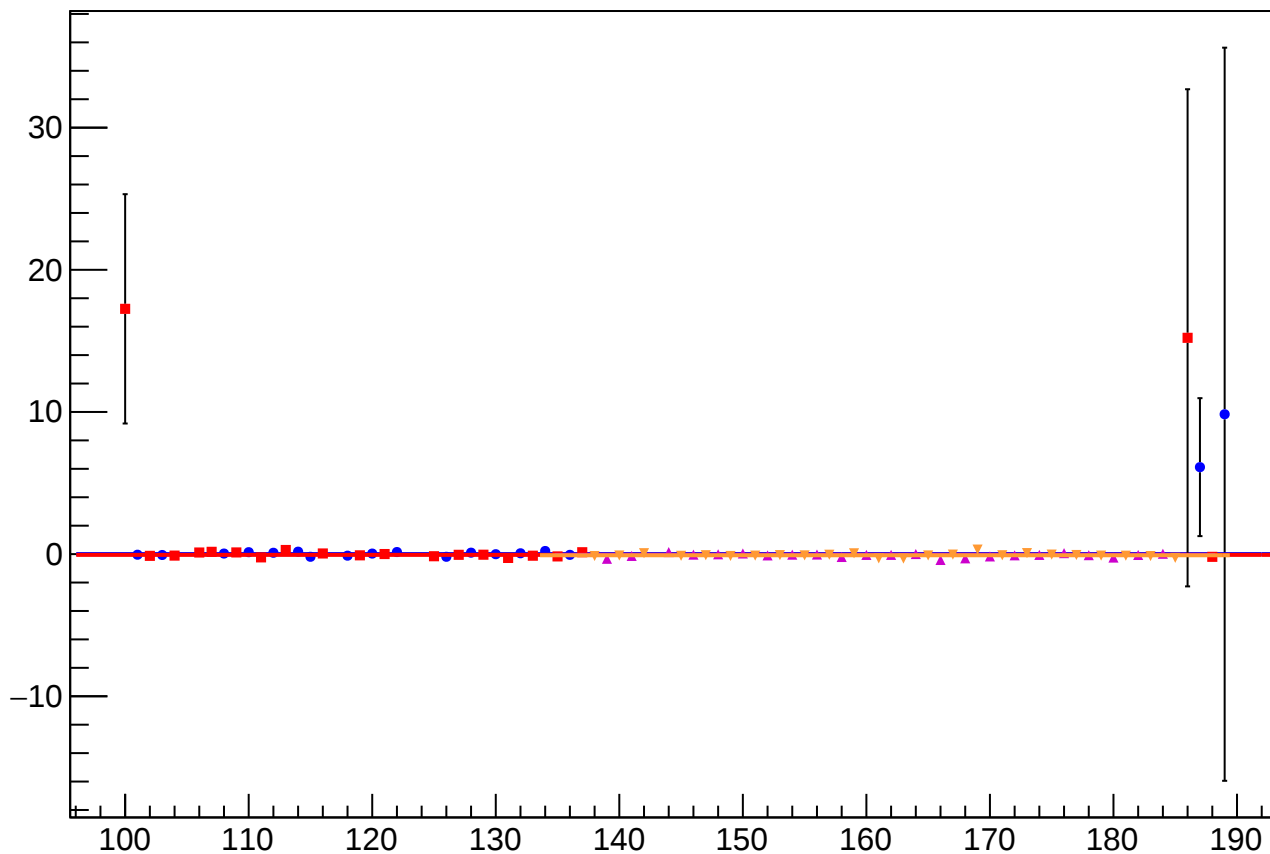
Left In: -0.026 ± 0.022 χ^2/NDF : 32.3/22

+ sign -0.089 ± 0.022 χ^2/NDF : 44.6/25

All: -0.054 ± 0.016 χ^2/NDF : 103.9/50

- sign -0.021 ± 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 : 14.3/17

Left Out: -0.081 ± 0.017 χ^2/NDF : 25.8/23

Right Out: -0.053 ± 0.029 χ^2/NDF : 26.8/19

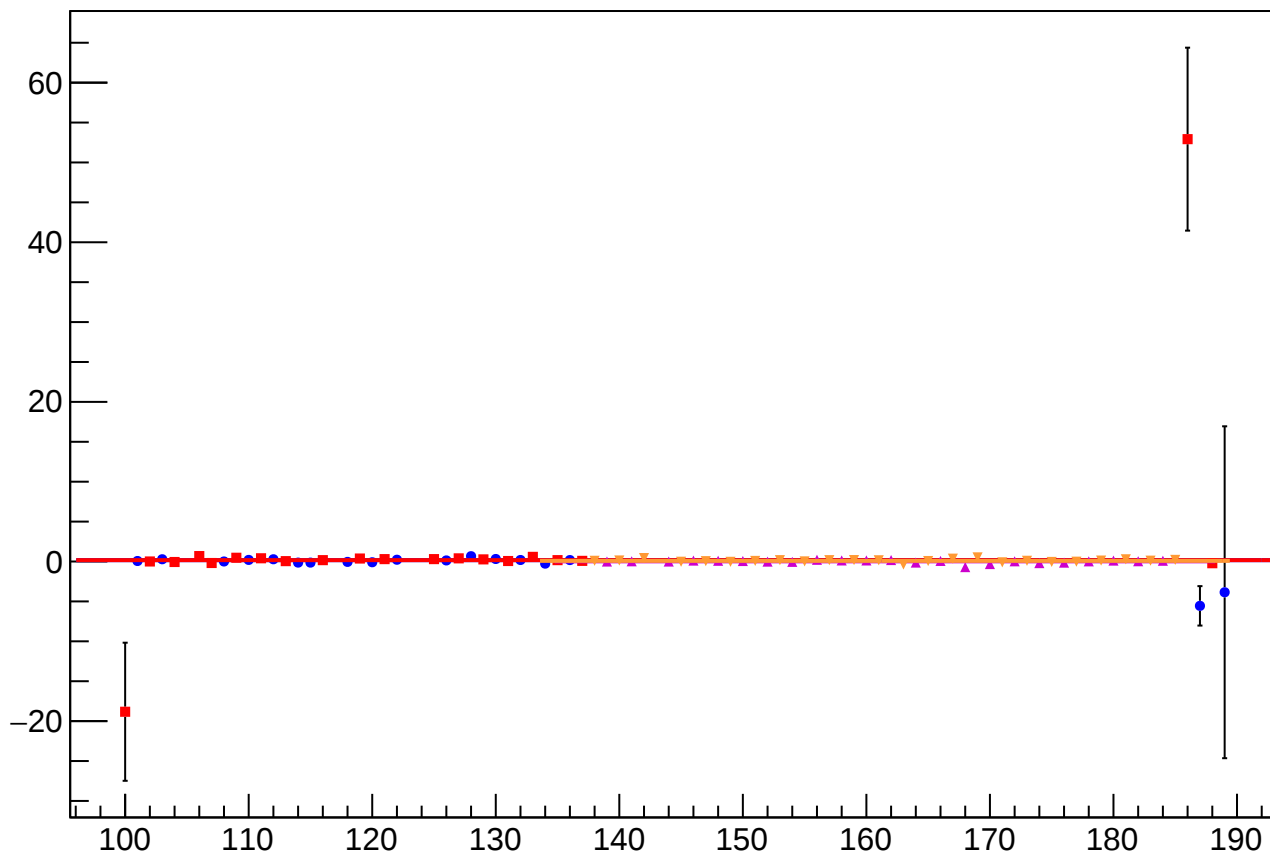
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ sign -0.058 ± 0.015 χ^2/NDF : 46.3/41

All: -0.056 ± 0.011 χ^2/NDF : 105.4/84

- 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: 19.1/17

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

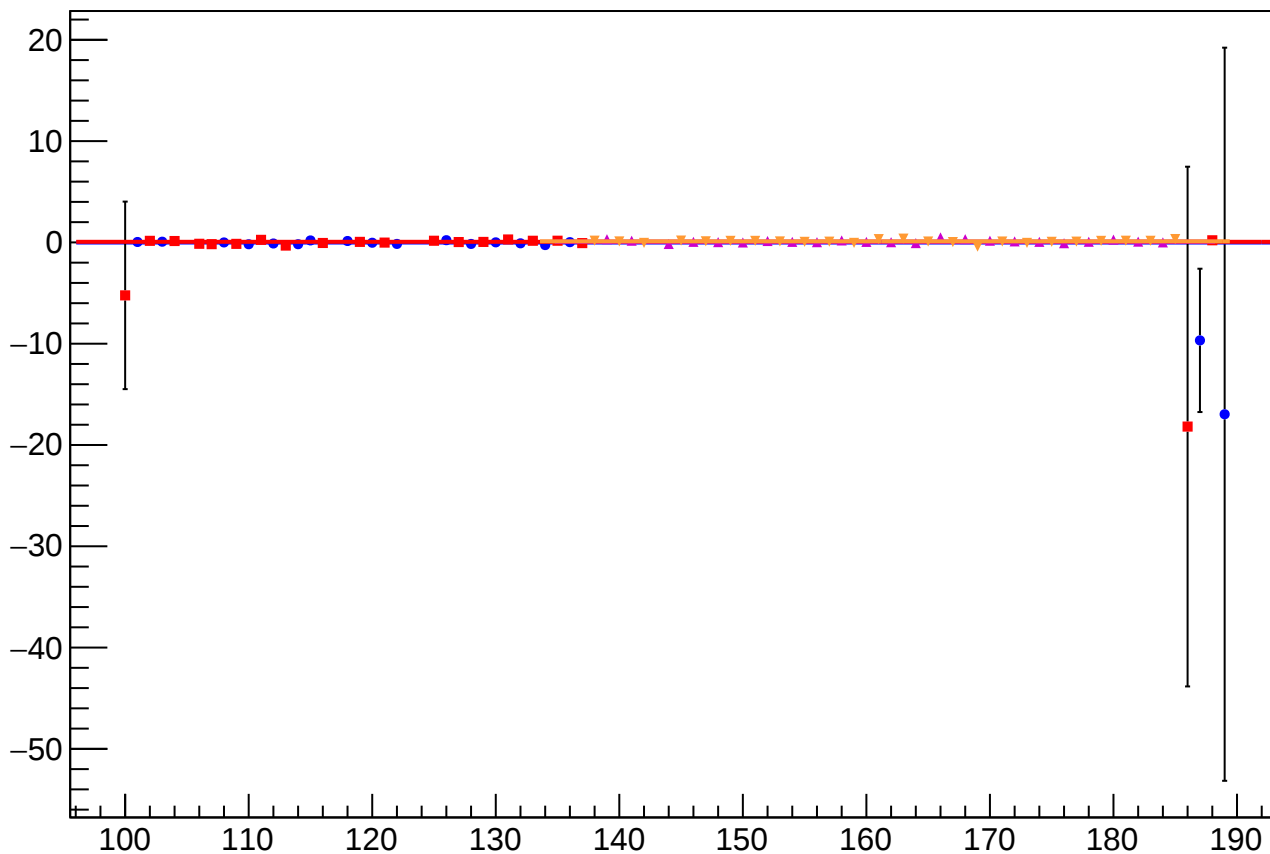
Left In: 0.020 $\pm$ 0.022 χ^2 /NDF:34.5/22

+ sign 0.095 $\pm$ 0.020 χ^2 /NDF: 60.1/41

All: 0.070 $\pm$ 0.014 χ^2 /NDF: 159.1/84

- 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 : 15.8/17

Left Out: 0.105 ± 0.020 χ^2/NDF : 29.5/23

Right Out: 0.060 ± 0.034 χ^2/NDF : 21.2/19

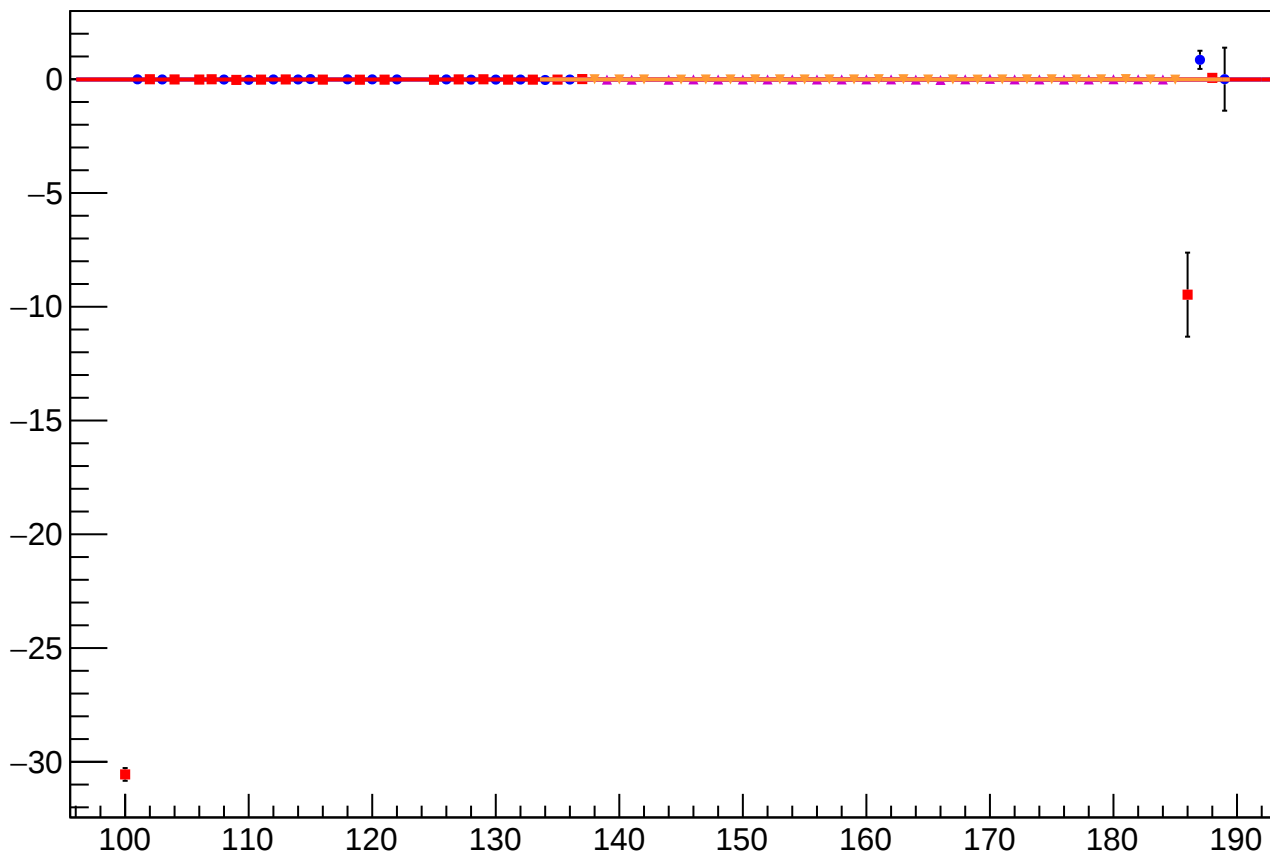
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 54.7/41

All: 0.072 ± 0.012 χ^2/NDF : 107.7/84

- 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 : 17.6/17

Left Out: -0.008 ± 0.001 χ^2/NDF : 30.7/23

Right Out: -0.011 ± 0.002 χ^2/NDF : 11932.5/19

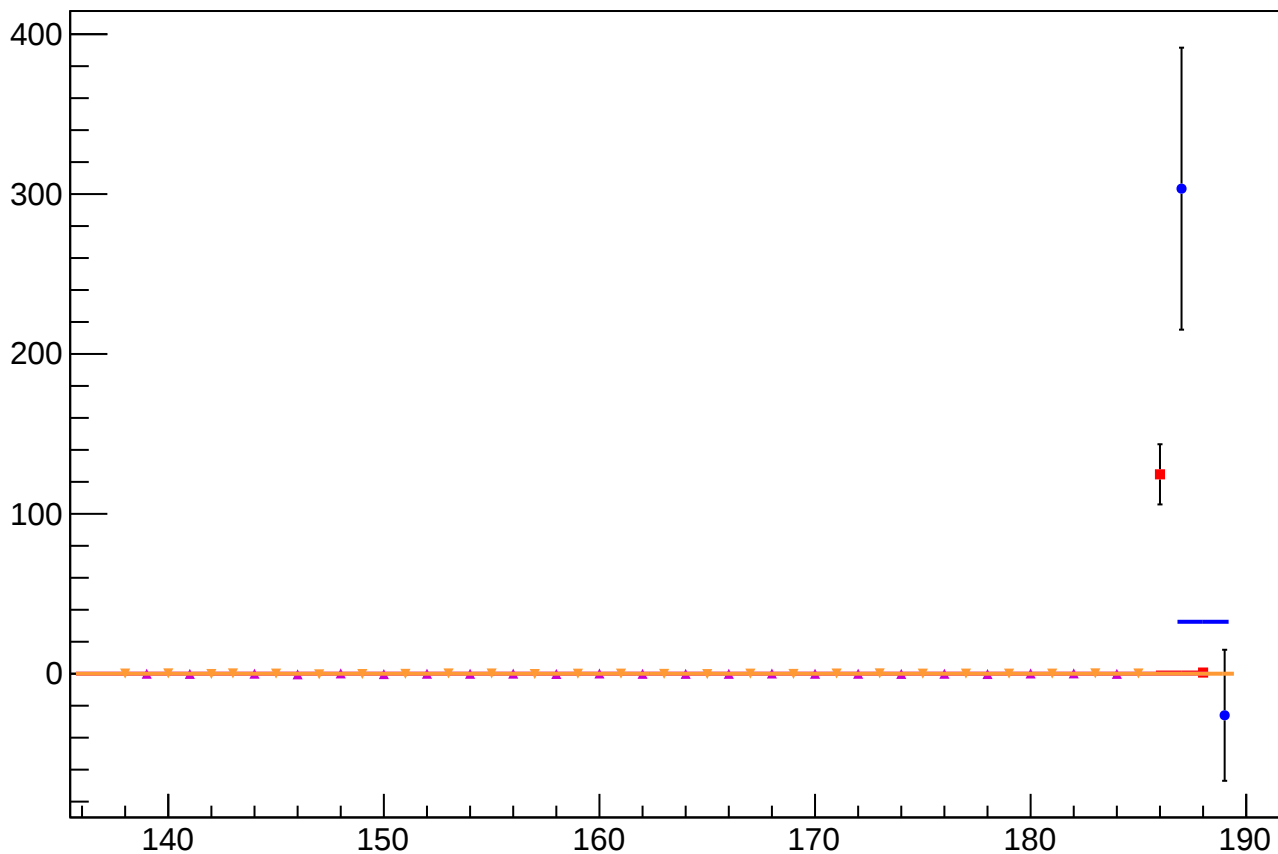
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ sign -0.009 ± 0.001 χ^2/NDF : 51.9/41

All: -0.009 ± 0.001 χ^2/NDF : 12028.4/84

- sign -0.009 ± 0.001 χ^2/NDF : 11976.3/42

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 32.486+/-37.161 χ^2/NDF : 11.5/1

Left Out: 0.013+/-0.027 χ^2/NDF : 29.2/24

Right Out: 0.740+/-0.201 χ^2/NDF : 43.4/1

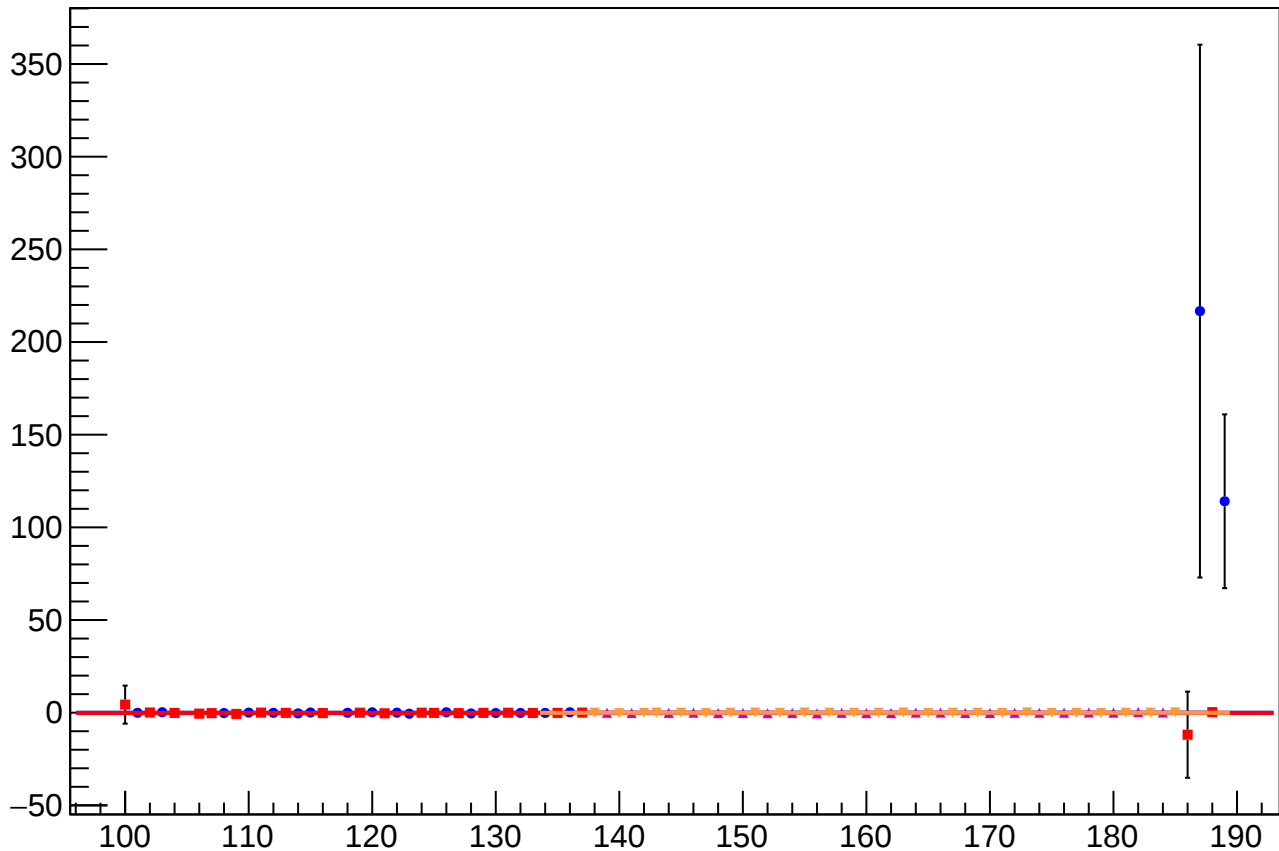
Left In: 0.004+/-0.028 χ^2/NDF : 28.2/22

+ sign 0.013+/-0.027 χ^2/NDF : 41.4/26

All: 0.016+/-0.019 χ^2/NDF : 126.2/51

- sign 0.018+/-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 : 31.6/18

Left Out: -0.058 ± 0.021 χ^2/NDF : 25.4/24

Right Out: -0.122 ± 0.039 χ^2/NDF : 19.5/20

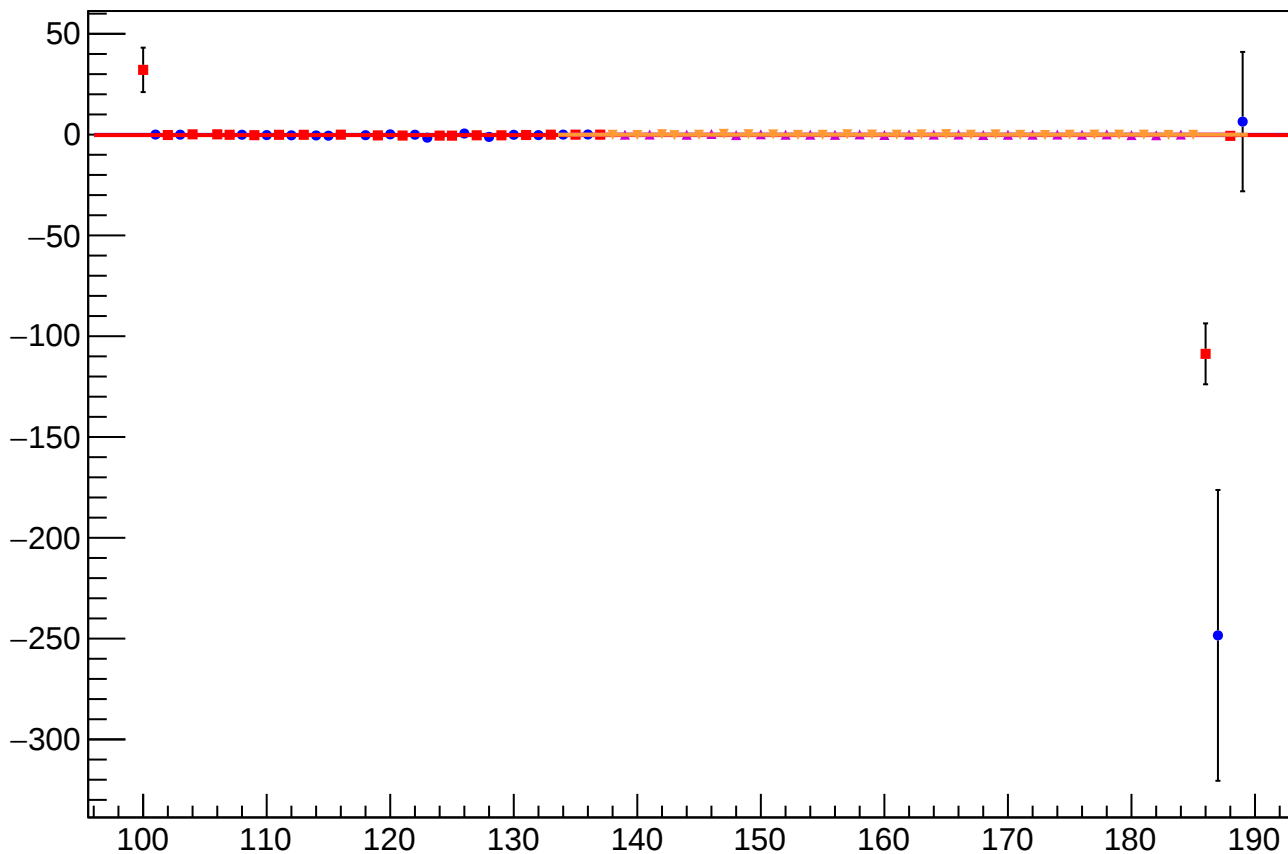
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 57.6/43

All: -0.066 ± 0.013 χ^2/NDF : 128.8/87

- 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 : 35.6/18

Left Out: -0.015 ± 0.027 χ^2/NDF : 27.0/24

Right Out: -0.246 ± 0.065 χ^2/NDF : 73.0/20

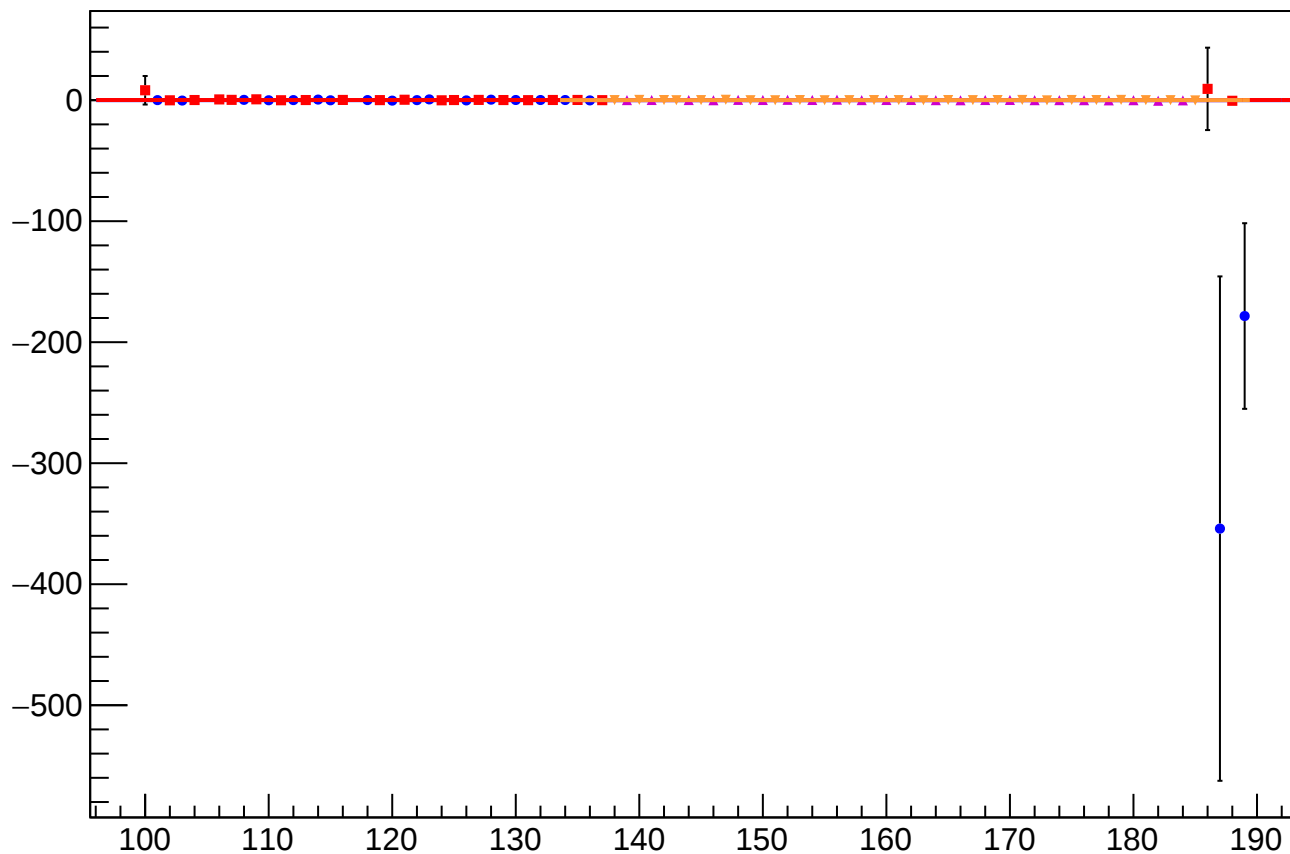
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 65.2/43

All: -0.049 ± 0.018 χ^2/NDF : 175.9/87

- sign -0.067 ± 0.025 χ^2/NDF : 109.7/43

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF : 30.8/18

Left Out: 0.062+/-0.024 χ^2/NDF : 25.0/24

Right Out: 0.146+/-0.045 χ^2/NDF : 18.0/20

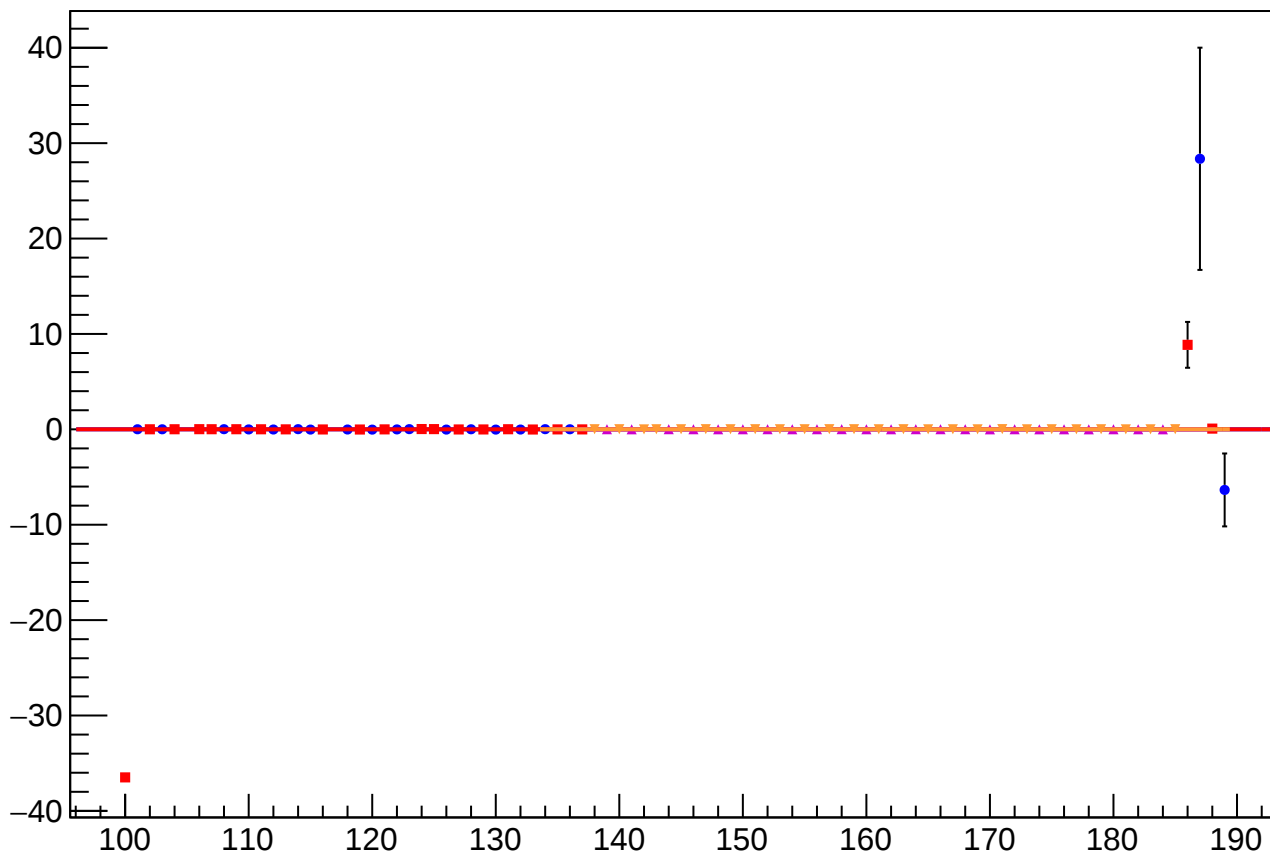
Left In: 0.069+/-0.025 χ^2/NDF : 51.4/22

+ sign 0.052+/-0.021 χ^2/NDF : 56.5/43

All: 0.069+/-0.015 χ^2/NDF : 129.6/87

- sign 0.087+/-0.022 χ^2/NDF : 71.7/43

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 ± 0.002 χ^2/NDF : 41.1/18

Left Out: 0.008 ± 0.001 χ^2/NDF : 25.9/24

Right Out: 0.002 ± 0.002 χ^2/NDF : 10472.6/20

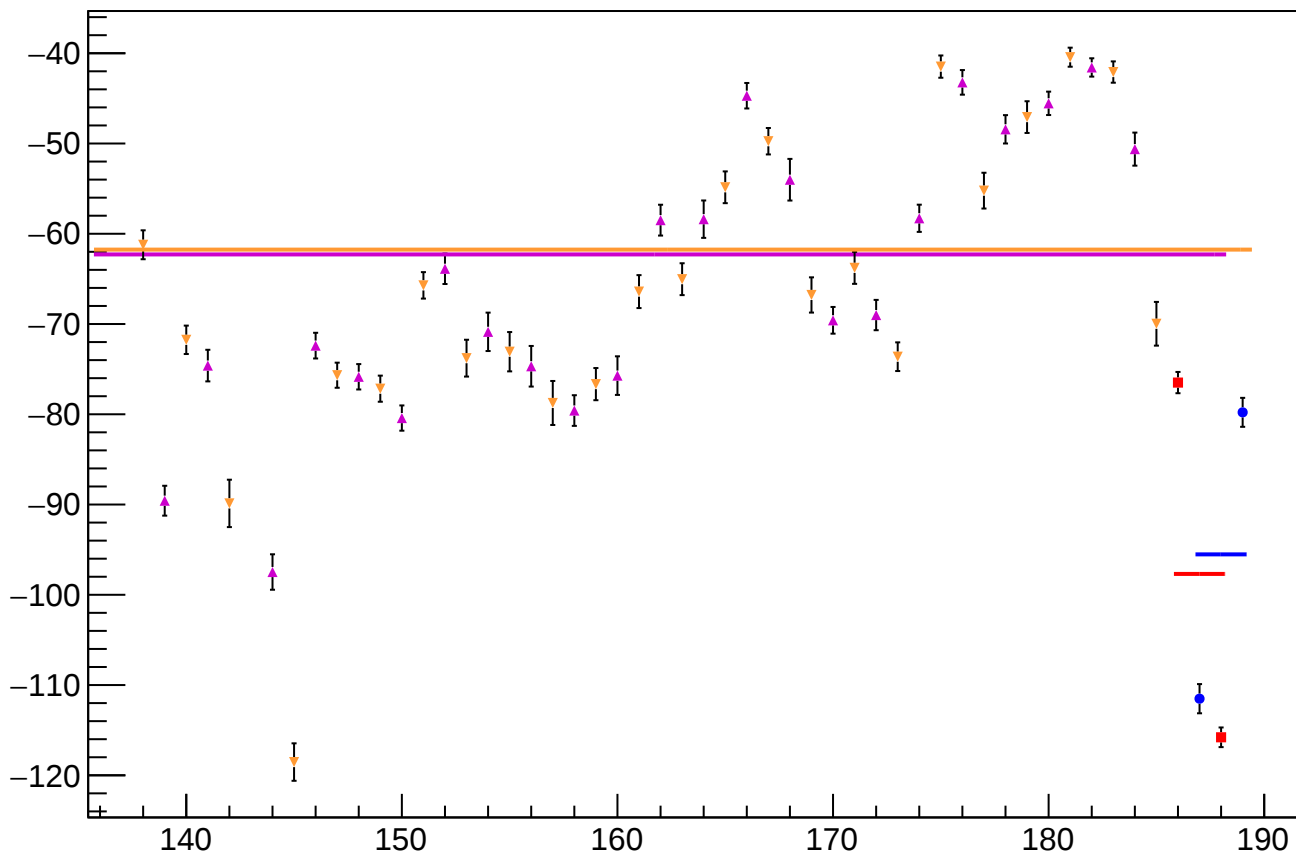
Left In: 0.009 ± 0.001 χ^2/NDF : 15.8/22

+ sign 0.007 ± 0.001 χ^2/NDF : 75.2/43

All: 0.007 ± 0.001 χ^2/NDF : 10572.5/87

- sign 0.008 ± 0.001 χ^2/NDF : 10497.0/43

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -95.522 ± 1.139 χ^2/NDF : 193.9/1

Left Out: -61.756 ± 0.334 χ^2/NDF : 2509.2/23

Right Out: -97.689 ± 0.800 χ^2/NDF : 599.8/1

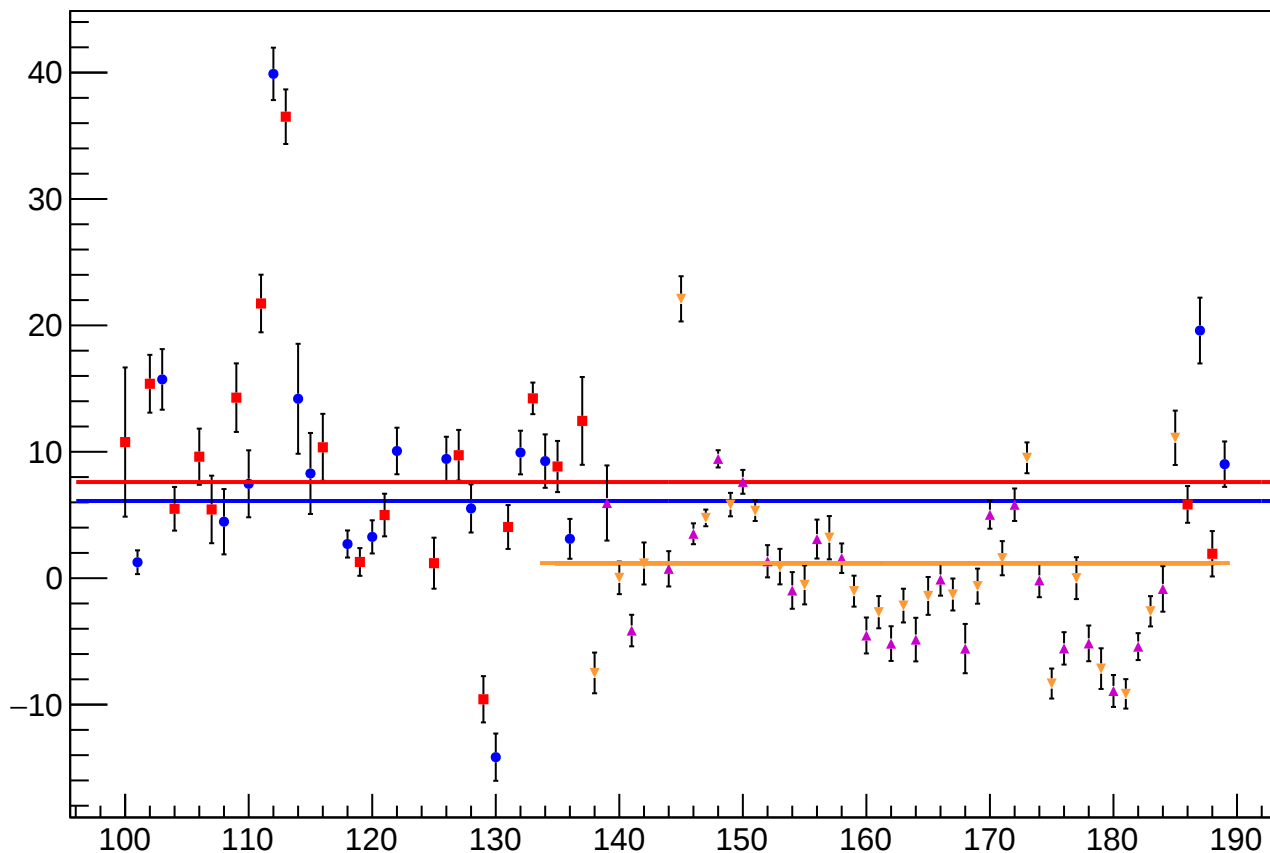
Left In: -62.290 ± 0.331 χ^2/NDF : 2265.0/22

+ sign -64.426 ± 0.320 χ^2/NDF : 3512.2/25

All: -66.018 ± 0.221 χ^2/NDF : 8096.5/50

- sign -67.471 ± 0.306 χ^2/NDF : 4537.0/24

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 6.108 $\pm$ 0.407 χ^2 /NDF: 493.8/17

Left Out: 1.197 $\pm$ 0.252 χ^2 /NDF: 526.1/23

Right Out: 7.607 $\pm$ 0.421 χ^2 /NDF: 420.6/19

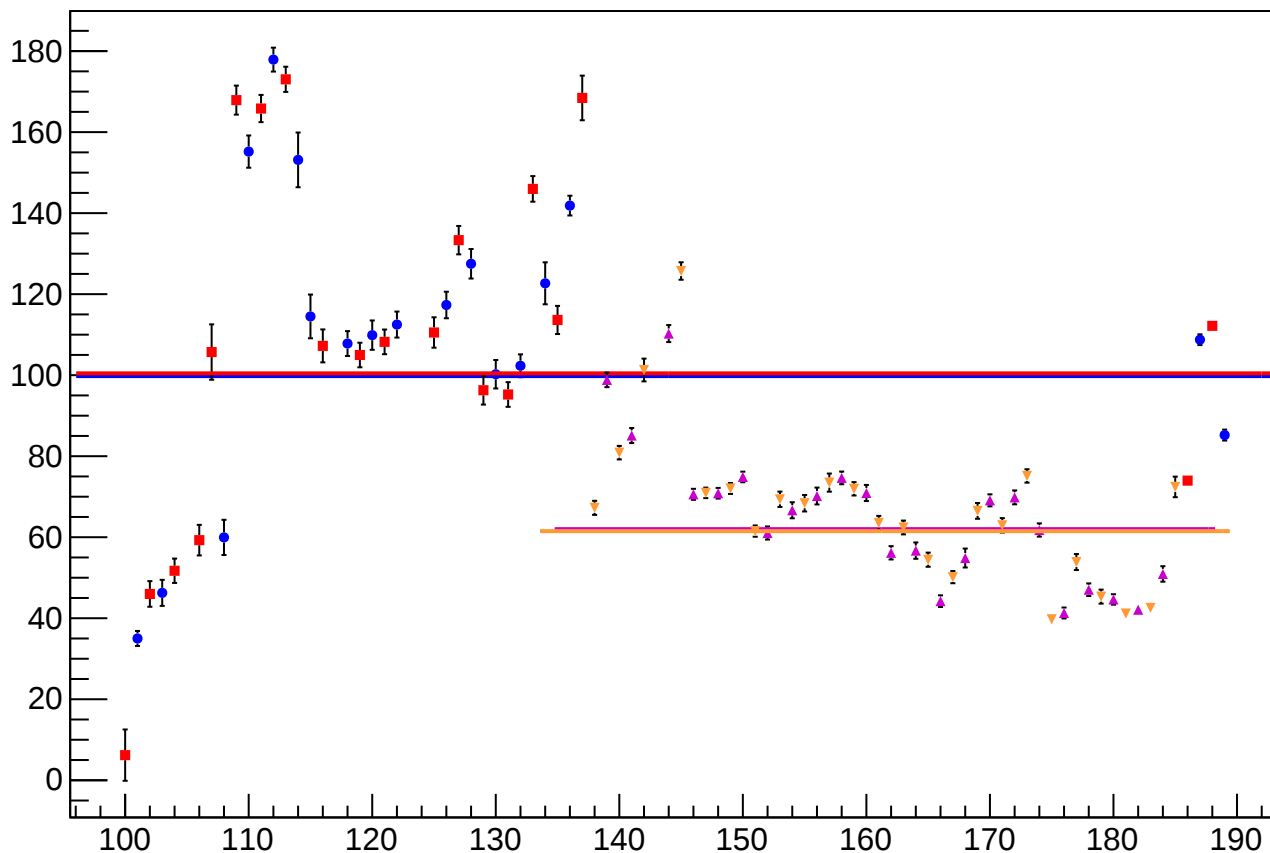
Left In: 1.171 $\pm$ 0.255 χ^2 /NDF: 466.2/22

+ sign 2.561 $\pm$ 0.215 χ^2 /NDF: 1124.9/41

All: 2.726 $\pm$ 0.153 χ^2 /NDF: 2184.0/84

- sign 2.896 $\pm$ 0.218 χ^2 /NDF: 1057.9/42

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 99.774 ± 0.615 χ^2/NDF : 3145.5/17

Left Out: 61.496 ± 0.332 χ^2/NDF : 2610.2/23

Right Out: 100.452 ± 0.509 χ^2/NDF : 3635.0/19

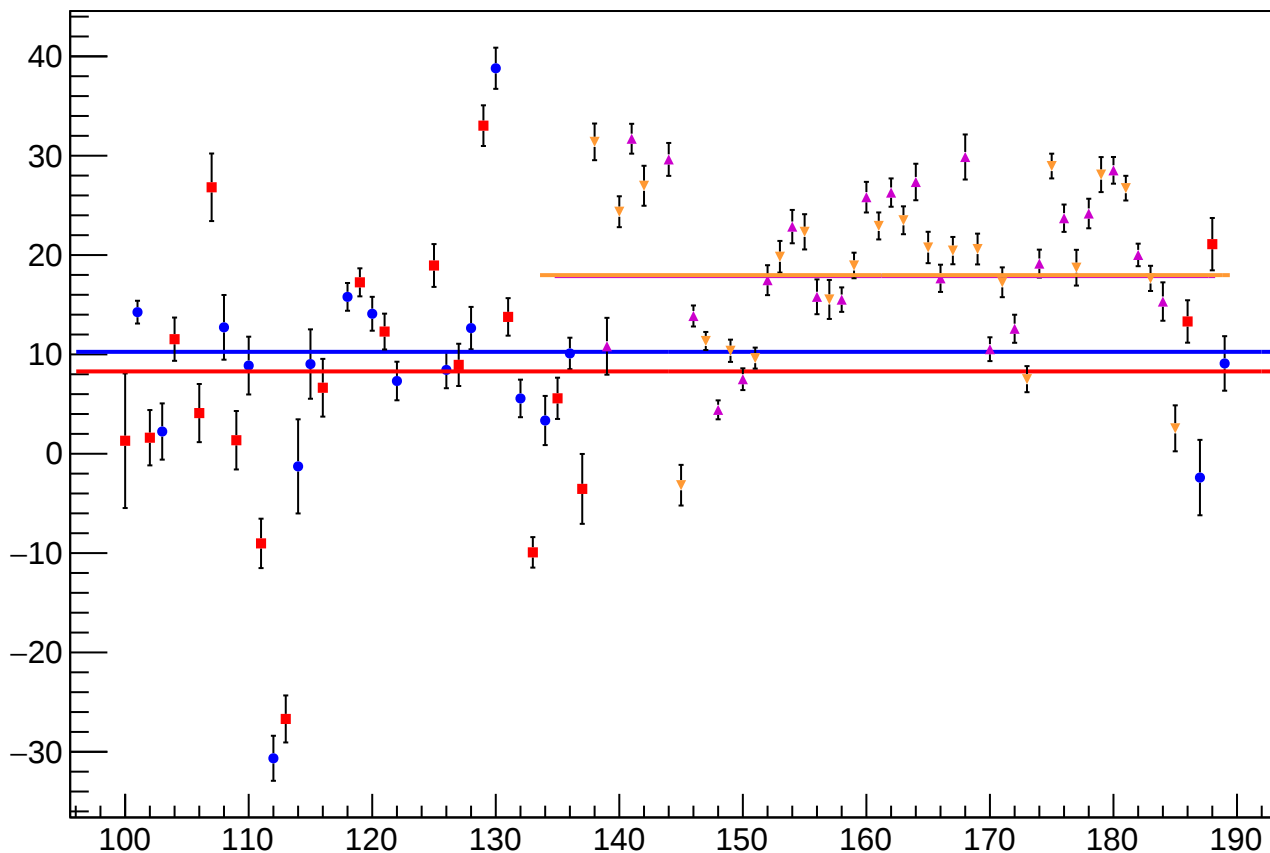
Left In: 61.995 ± 0.329 χ^2/NDF : 2517.6/22

+ sign 70.155 ± 0.292 χ^2/NDF : 8757.6/41

All: 71.823 ± 0.201 χ^2/NDF : 18994.9/84

- sign 73.314 ± 0.276 χ^2/NDF : 10175.6/42

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.258 $\pm$ 0.480 χ^2 /NDF: 593.1/17

Left Out: 17.979 $\pm$ 0.291 χ^2 /NDF: 674.8/23

Right Out: 8.287 $\pm$ 0.500 χ^2 /NDF: 720.9/19

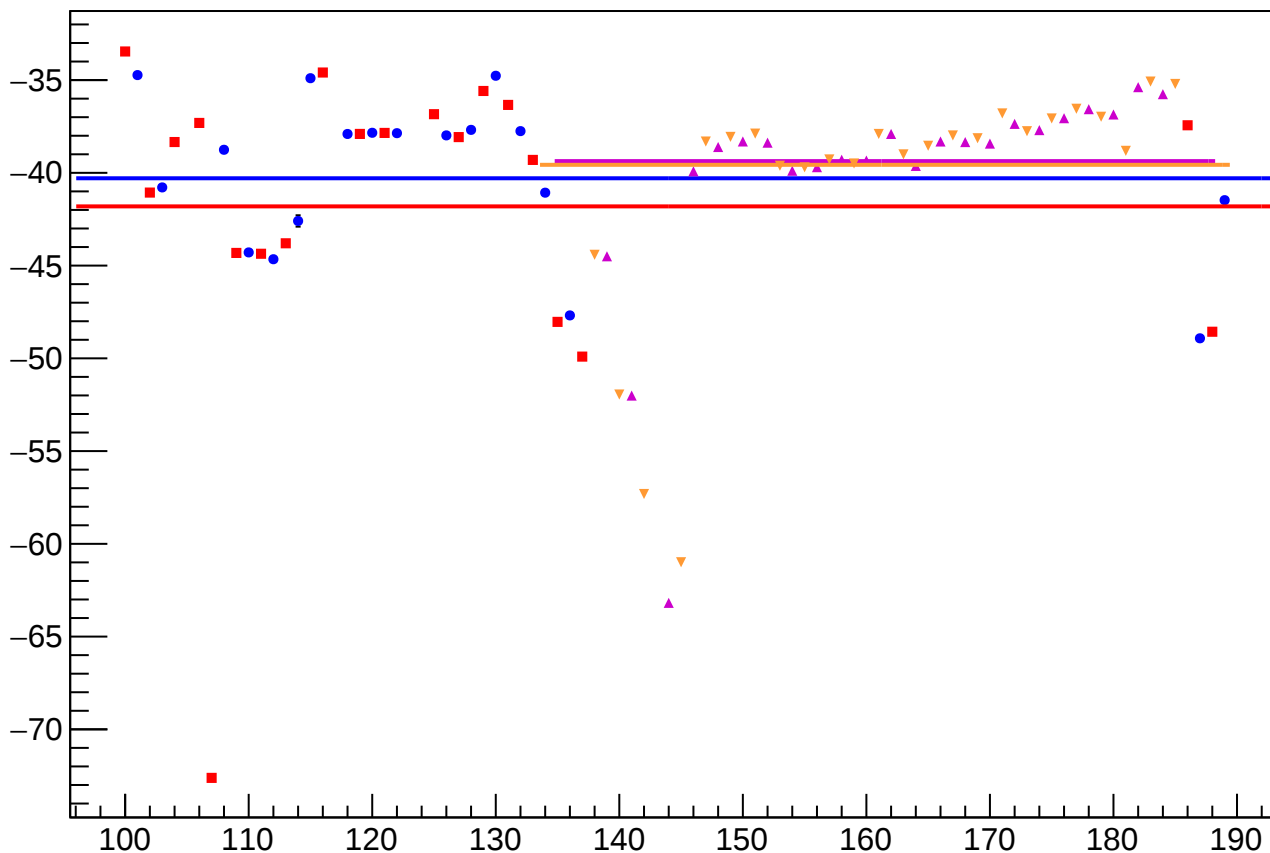
Left In: 17.881 $\pm$ 0.292 χ^2 /NDF: 730.9/22

+ sign 15.909 $\pm$ 0.249 χ^2 /NDF: 1456.9/41

All: 15.679 $\pm$ 0.177 χ^2 /NDF: 3185.5/84

- sign 15.443 $\pm$ 0.252 χ^2 /NDF: 1726.8/42

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.293 ± 0.027 $\chi^2/\text{NDF}: 26891.4/17$

Left Out: -39.567 ± 0.014 $\chi^2/\text{NDF}: 141152.0/23$

Right Out: -41.808 ± 0.027 $\chi^2/\text{NDF}: 65576.7/19$

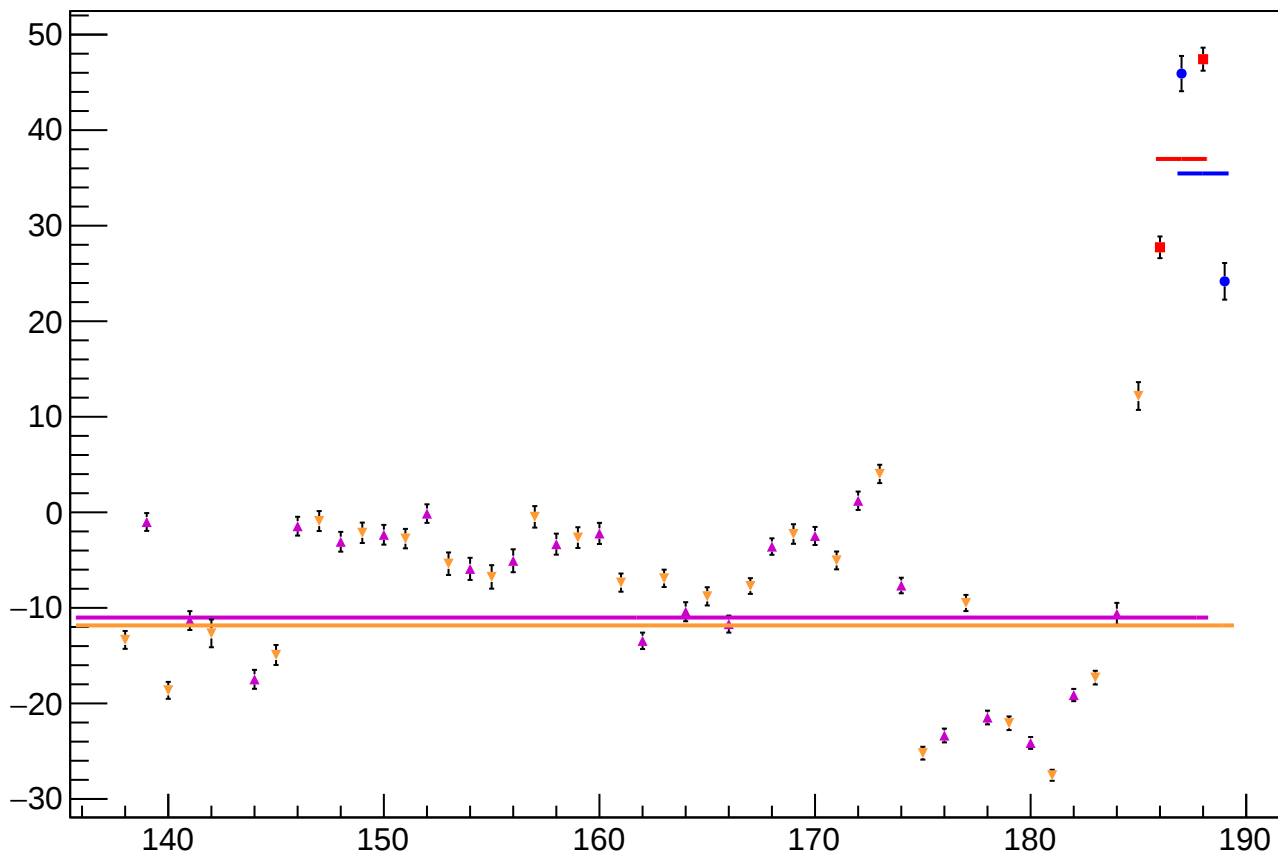
Left In: -39.368 ± 0.014 $\chi^2/\text{NDF}: 117958.1/22$

+ sign -39.714 ± 0.012 $\chi^2/\text{NDF}: 168609.7/41$

All: -39.781 ± 0.009 $\chi^2/\text{NDF}: 358577.4/84$

- sign -39.847 ± 0.012 $\chi^2/\text{NDF}: 189908.3/42$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 35.466 $\pm$ 1.329 χ^2 /NDF: 66.8/1

Left Out: -11.837 $\pm$ 0.187 χ^2 /NDF: 2742.4/23

Right Out: 36.985 $\pm$ 0.826 χ^2 /NDF: 141.4/1

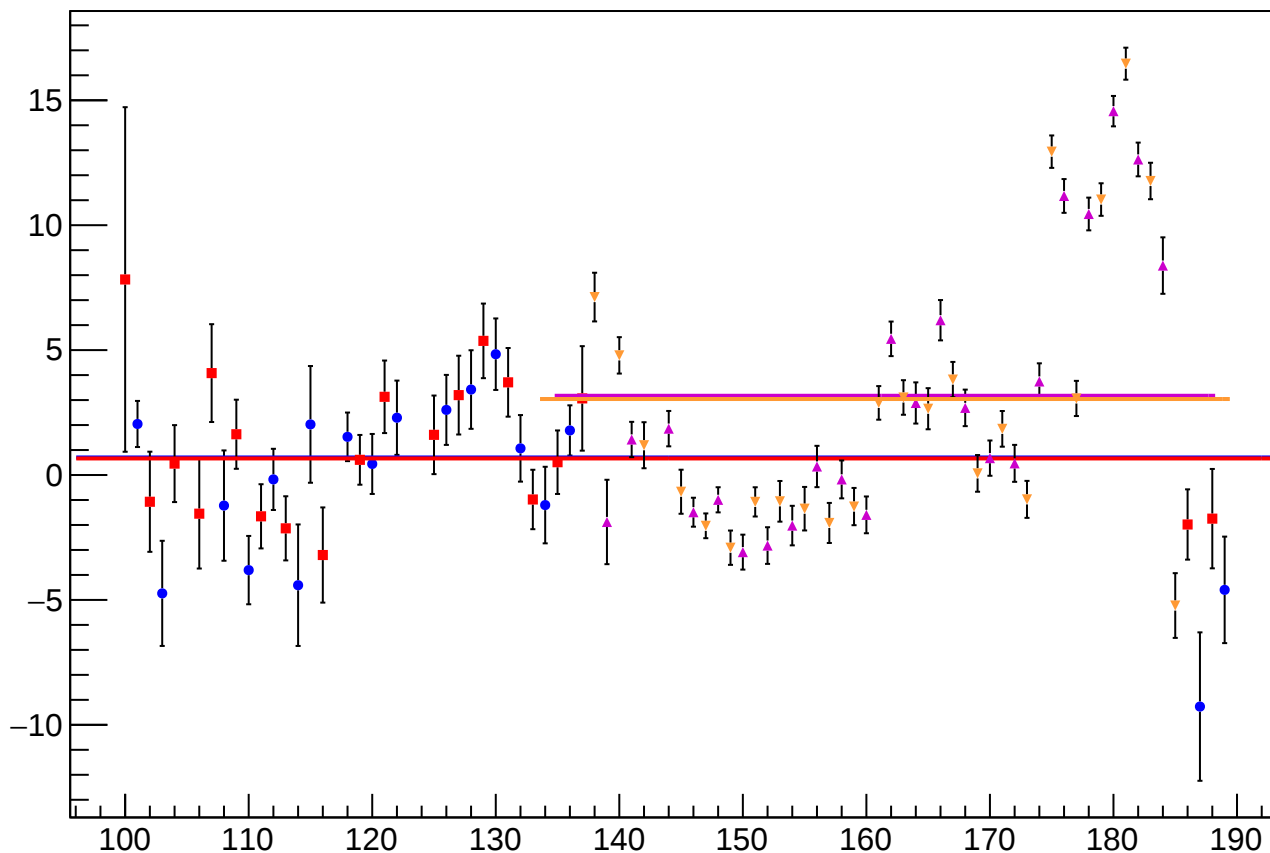
Left In: -11.014 $\pm$ 0.187 χ^2 /NDF: 2116.6/22

+ sign -10.921 $\pm$ 0.185 χ^2 /NDF: 4050.8/25

All: -9.781 $\pm$ 0.130 χ^2 /NDF: 9593.6/50

- sign -8.672 $\pm$ 0.183 χ^2 /NDF: 5468.0/24

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.703 ± 0.332 χ^2/NDF : 61.0/17

Left Out: 3.042 ± 0.148 χ^2/NDF : 1452.6/23

Right Out: 0.663 ± 0.338 χ^2/NDF : 47.4/19

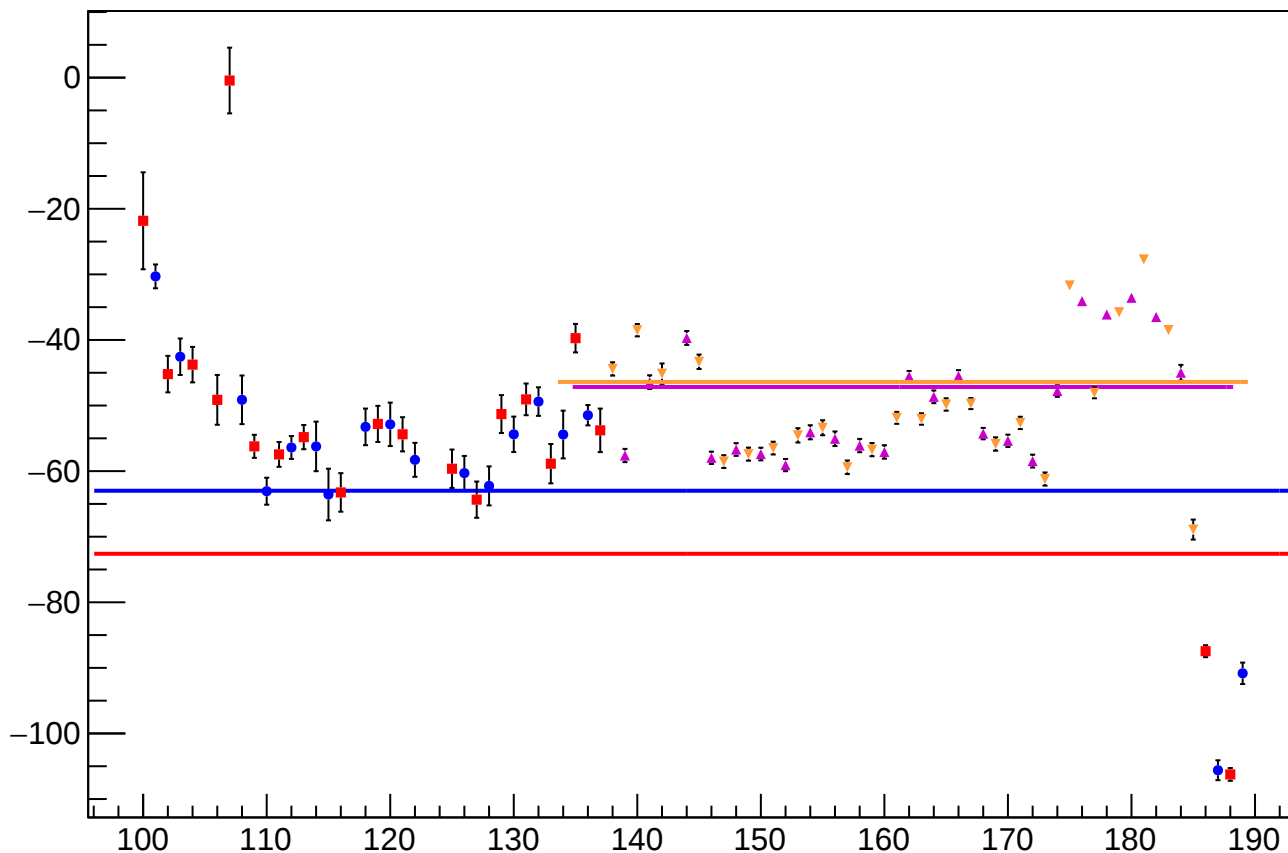
Left In: 3.172 ± 0.150 χ^2/NDF : 1297.9/22

+ sign 2.655 ± 0.135 χ^2/NDF : 1555.0/41

All: 2.707 ± 0.096 χ^2/NDF : 2946.8/84

- sign 2.761 ± 0.137 χ^2/NDF : 1391.4/42

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -62.993 $\pm$ 0.536 χ^2/NDF : 1624.6/17

Left Out: -46.398 $\pm$ 0.187 χ^2/NDF : 3289.4/23

Right Out: -72.604 $\pm$ 0.452 χ^2/NDF : 2779.0/19

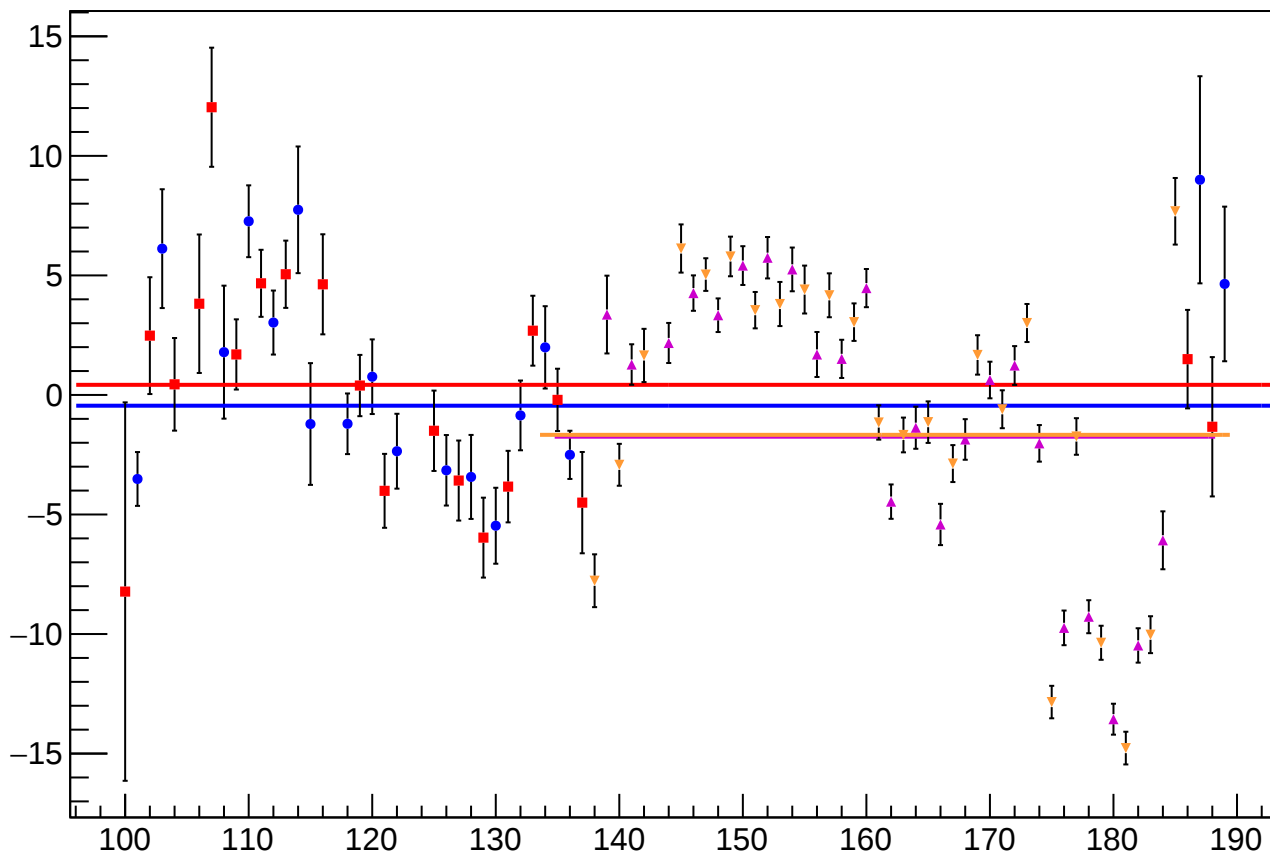
Left In: -47.170 $\pm$ 0.186 χ^2/NDF : 2526.3/22

+ sign -48.190 $\pm$ 0.176 χ^2/NDF : 5768.9/41

All: -49.560 $\pm$ 0.123 χ^2/NDF : 13899.9/84

- sign -50.871 $\pm$ 0.172 χ^2/NDF : 8012.7/42

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.450 ± 0.380 χ^2/NDF : 90.0/17

Left Out: -1.668 ± 0.167 χ^2/NDF : 1479.3/23

Right Out: 0.423 ± 0.389 χ^2/NDF : 96.4/19

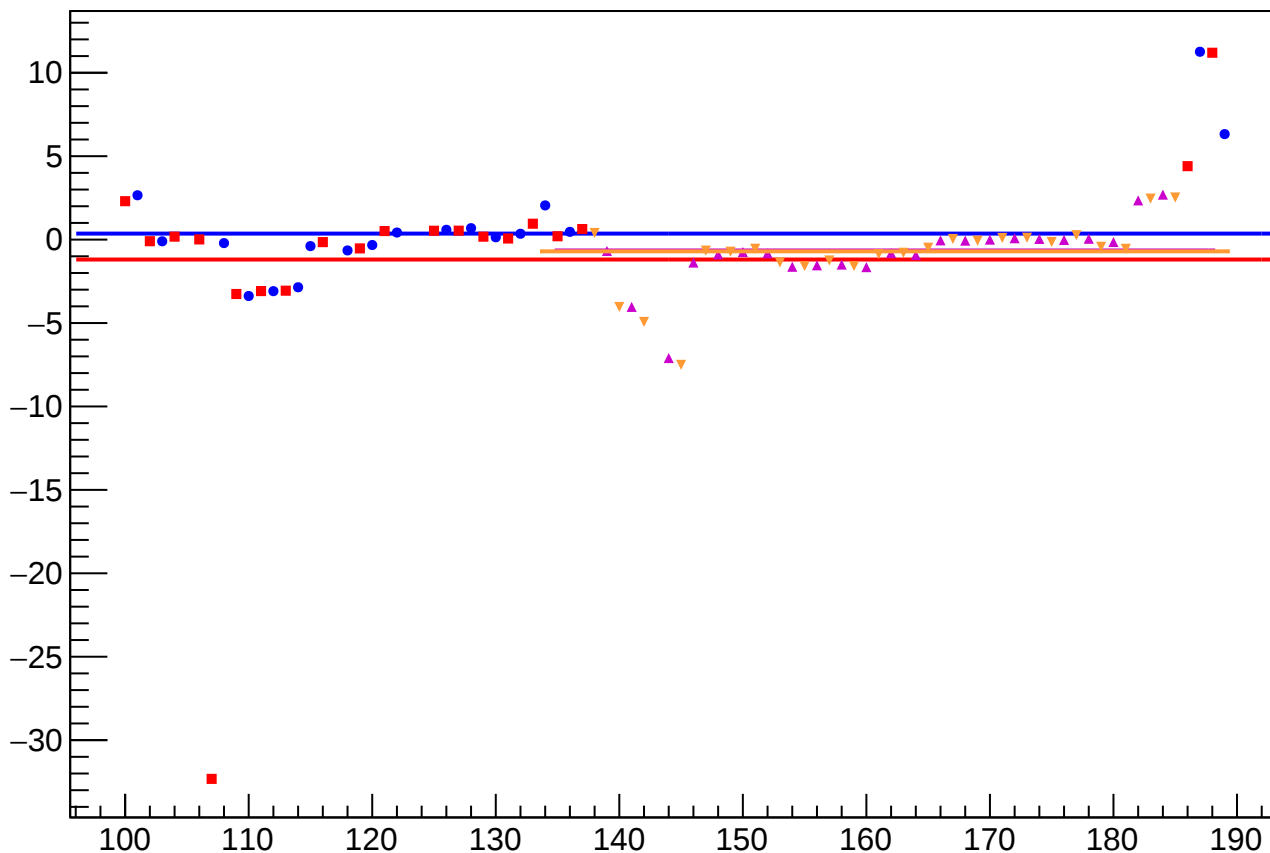
Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

+ sign -1.471 ± 0.153 χ^2/NDF : 1577.9/41

All: -1.438 ± 0.109 χ^2/NDF : 2954.7/84

- sign -1.403 ± 0.155 χ^2/NDF : 1376.7/42

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.361 ± 0.021 χ^2/NDF : 9273.7/17

Left Out: -0.703 ± 0.008 χ^2/NDF : 53770.3/23

Right Out: -1.193 ± 0.021 χ^2/NDF : 87896.8/19

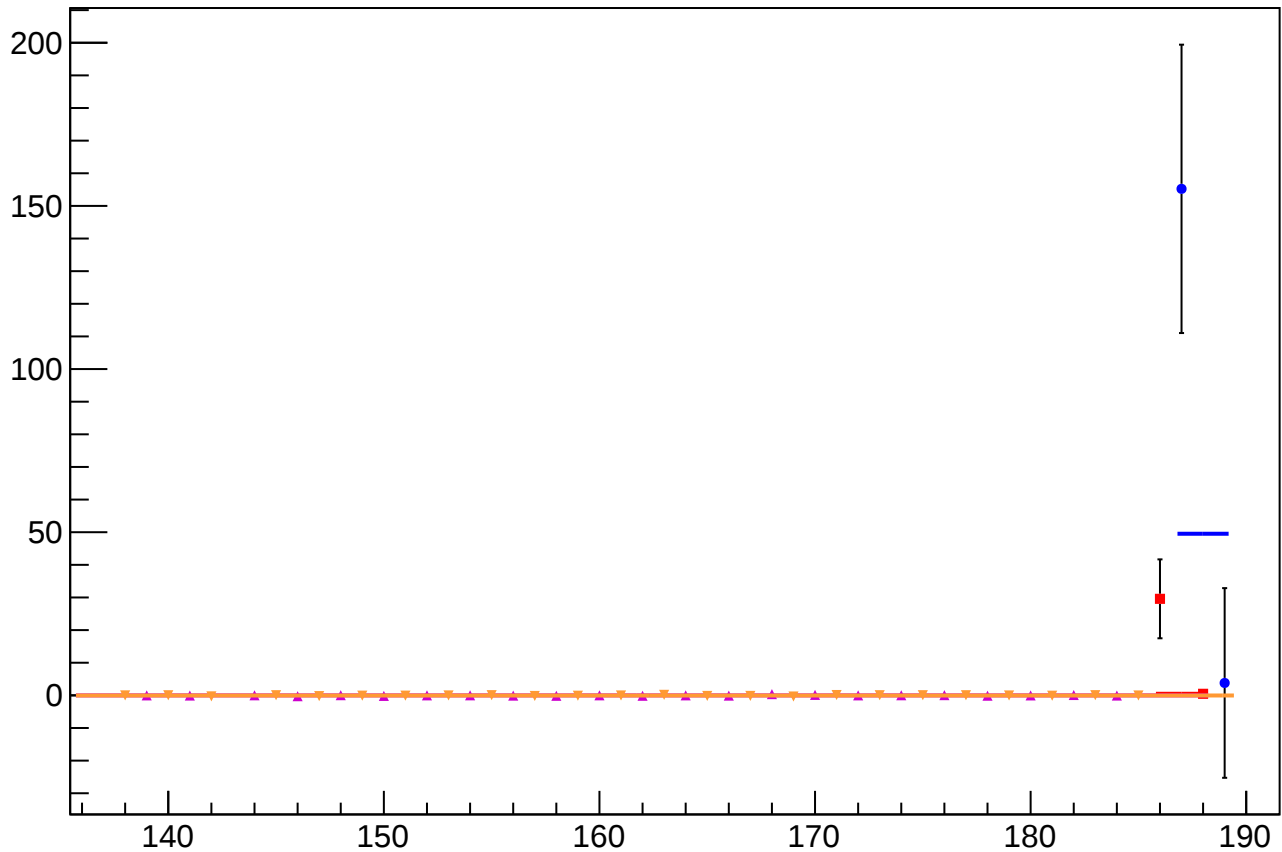
Left In: -0.651 ± 0.008 χ^2/NDF : 44167.1/22

+ sign -0.580 ± 0.007 χ^2/NDF : 65279.3/41

All: -0.646 ± 0.005 χ^2/NDF : 198088.6/84

- sign -0.713 ± 0.007 χ^2/NDF : 132637.1/42

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 49.527+/-24.282 χ^2/NDF : 8.2/1

Left Out: -0.038+/-0.018 χ^2/NDF : 35.6/23

Right Out: 0.483+/-0.128 χ^2/NDF : 5.8/1

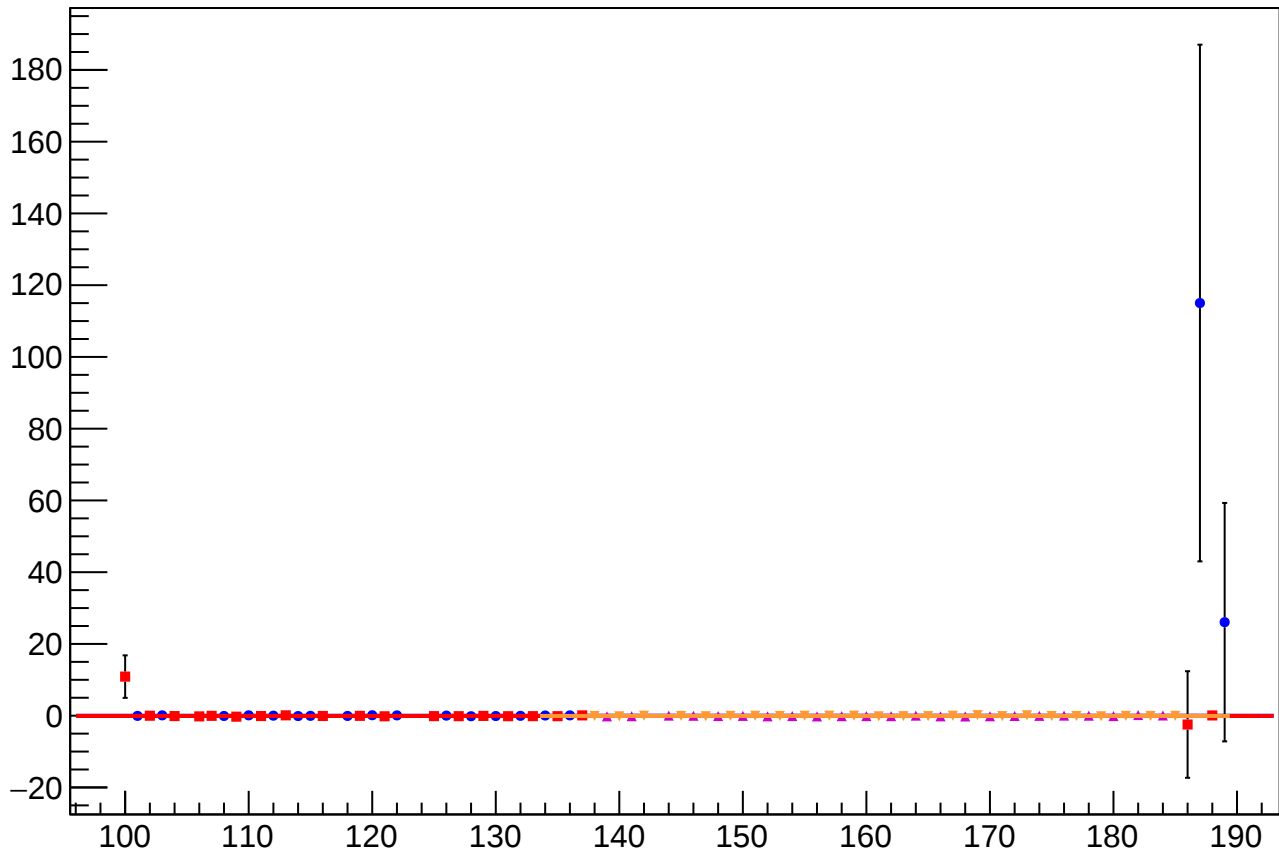
Left In: -0.009+/-0.018 χ^2/NDF : 35.3/22

+ sign -0.038+/-0.018 χ^2/NDF : 48.0/25

All: -0.019+/-0.013 χ^2/NDF : 105.9/50

- sign 0.001+/-0.018 χ^2/NDF : 55.6/24

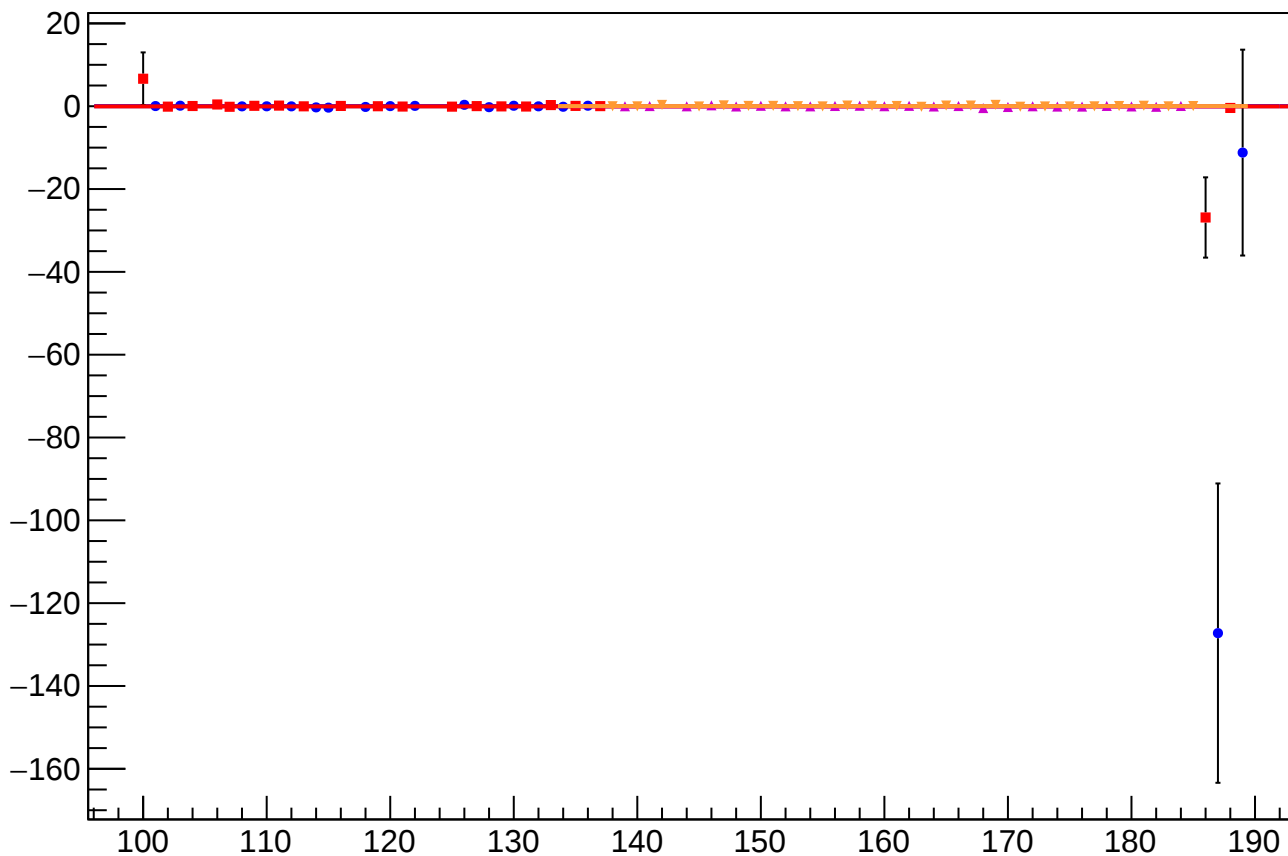
reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 15.4/17
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 : 48.1/41
All: -0.064 ± 0.009 χ^2/NDF : 103.2/84
- sign -0.072 ± 0.012 χ^2/NDF : 54.3/42

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 22.2/17

Left Out: 0.036 $\pm$ 0.018 χ^2 /NDF: 32.4/23

Right Out: -0.042 $\pm$ 0.041 χ^2 /NDF: 32.7/19

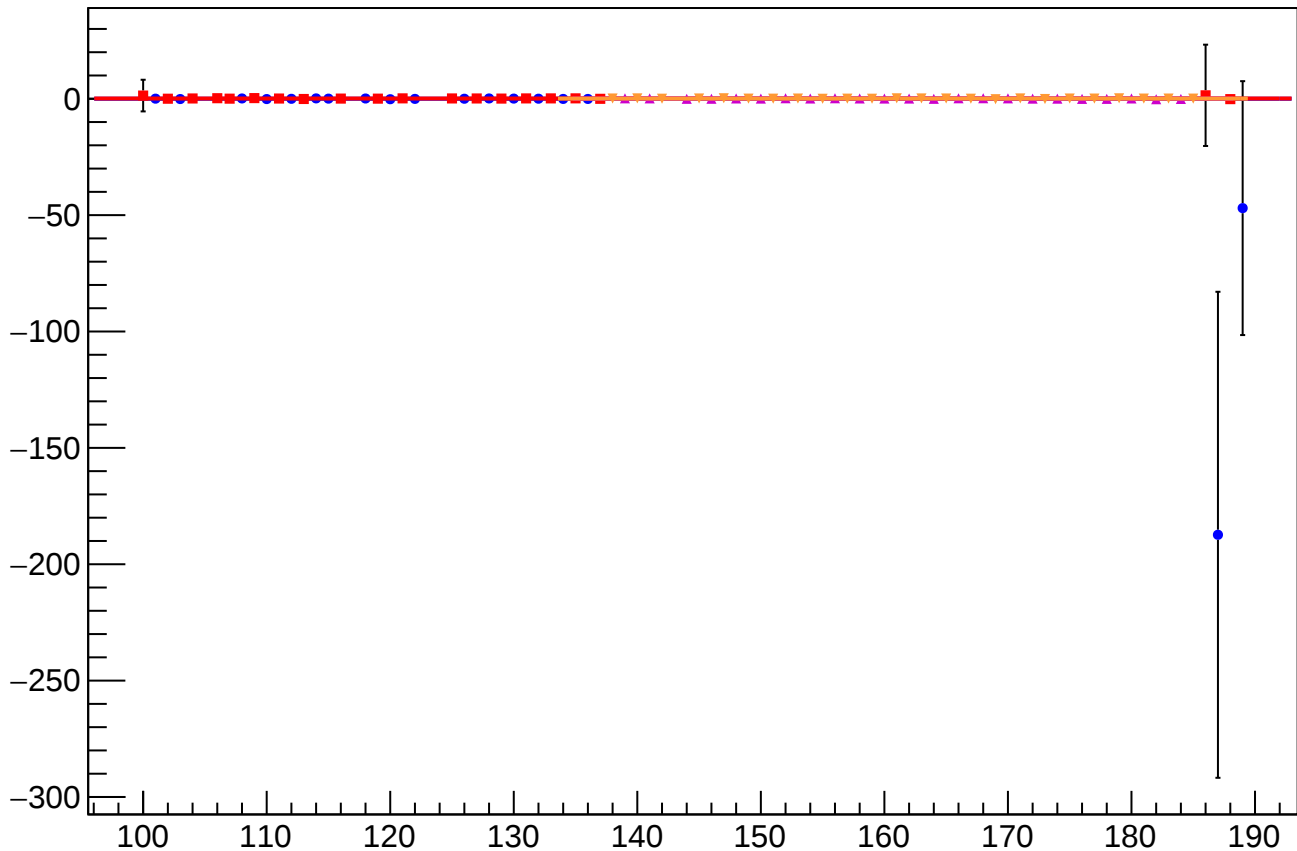
Left In: -0.010 $\pm$ 0.018 χ^2 /NDF: 37.1/22

+ sign 0.033 $\pm$ 0.017 χ^2 /NDF: 54.8/41

All: 0.009 $\pm$ 0.012 χ^2 /NDF: 129.3/84

- sign -0.015 $\pm$ 0.016 χ^2 /NDF: 70.2/42

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 16.1/17

Left Out: 0.086 ± 0.016 χ^2/NDF : 27.8/23

Right Out: 0.108 ± 0.029 χ^2/NDF : 8.7/19

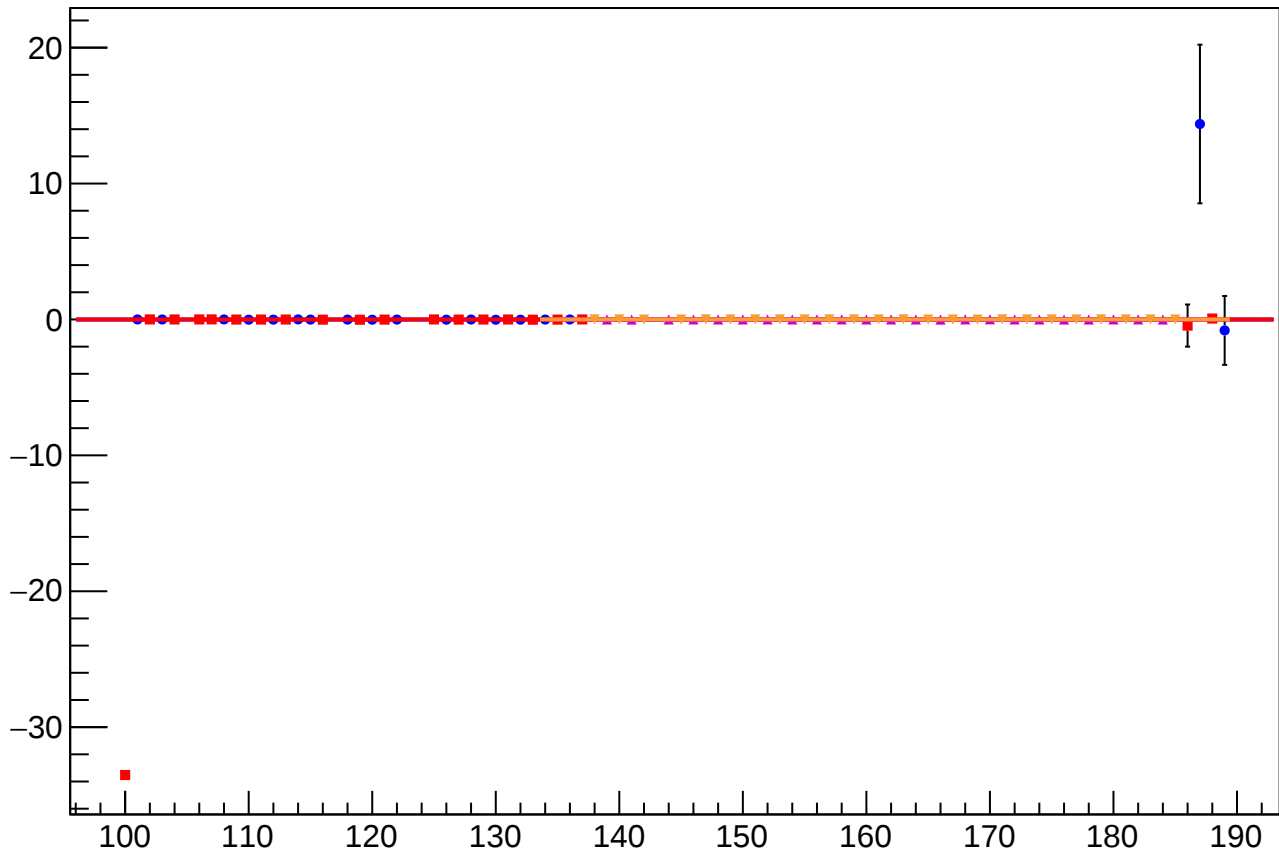
Left In: 0.071 ± 0.016 χ^2/NDF : 44.0/22

+ sign 0.065 ± 0.014 χ^2/NDF : 50.2/41

All: 0.073 ± 0.010 χ^2/NDF : 104.7/84

- sign 0.080 ± 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 : 28.8/17

Left Out: 0.000 ± 0.001 χ^2/NDF : 23.9/23

Right Out: -0.005 ± 0.001 χ^2/NDF : 26532.8/19

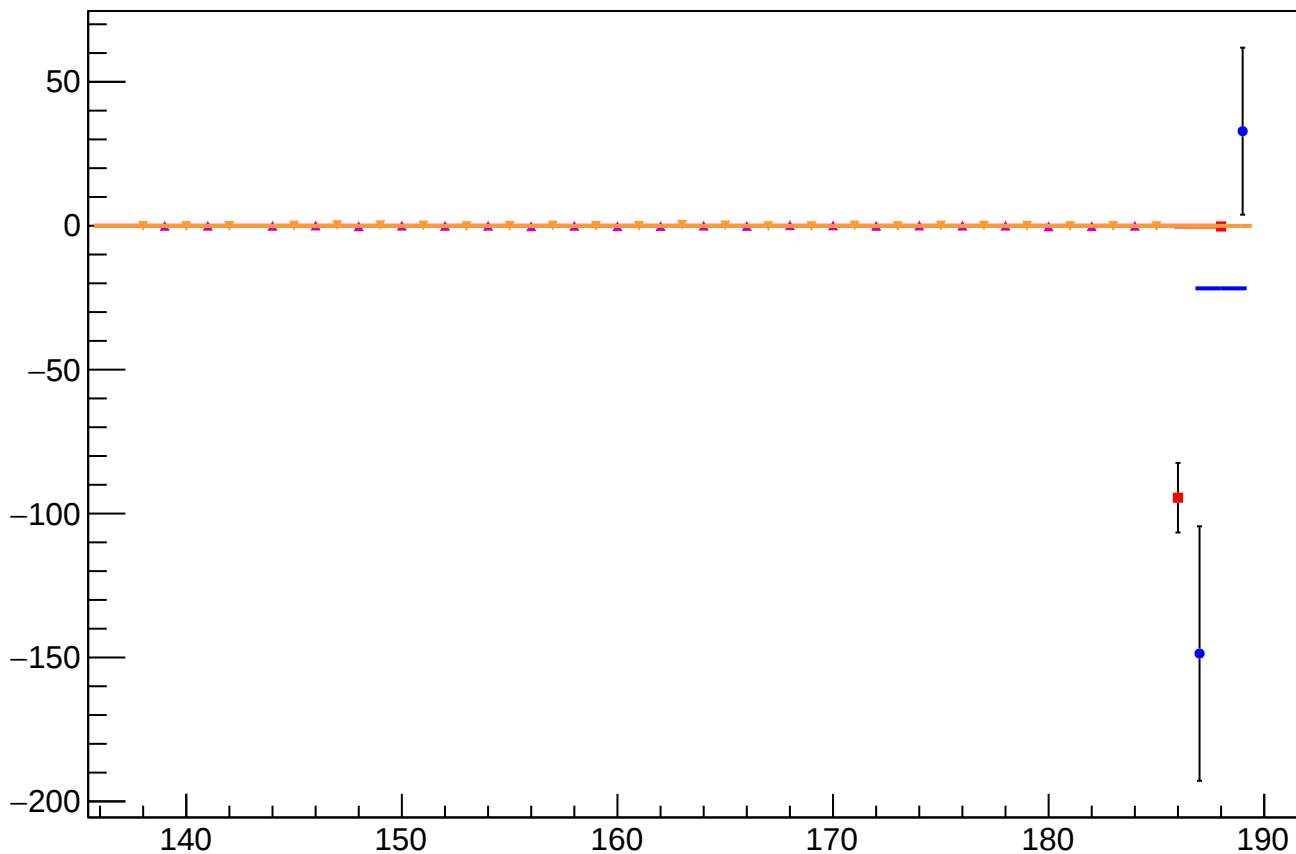
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ sign -0.001 ± 0.001 χ^2/NDF : 65.7/41

All: -0.001 ± 0.000 χ^2/NDF : 26631.9/84

- sign -0.001 ± 0.001 χ^2/NDF : 26566.2/42

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -21.759 ± 24.256 χ^2/NDF : 11.8/1

Left Out: -0.052 ± 0.018 χ^2/NDF : 37.3/23

Right Out: -0.267 ± 0.128 χ^2/NDF : 60.7/1

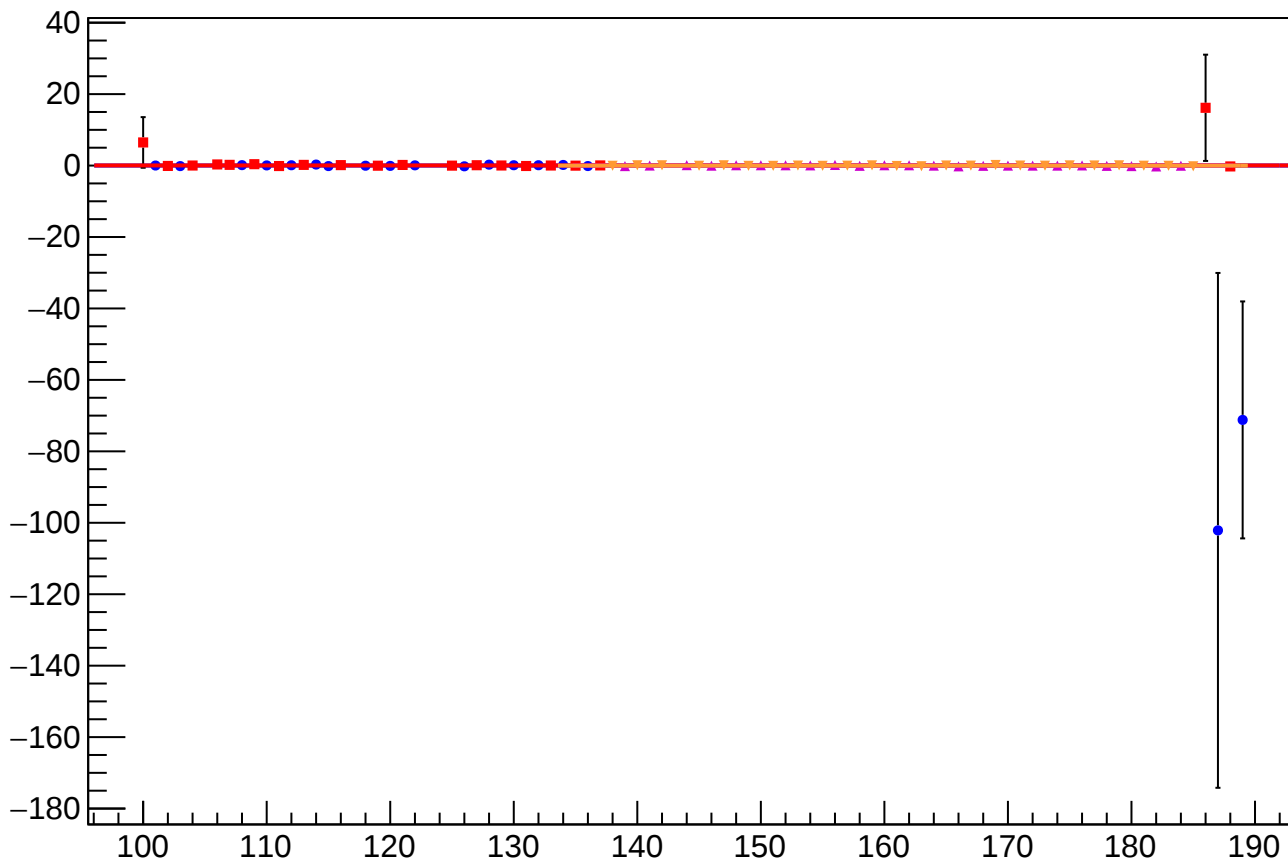
Left In: -0.010 ± 0.018 χ^2/NDF : 33.3/22

+ sign -0.052 ± 0.018 χ^2/NDF : 49.9/25

All: -0.033 ± 0.013 χ^2/NDF : 149.9/50

- sign -0.015 ± 0.018 χ^2/NDF : 97.9/24

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 32.1/17

Left Out: -0.010 $\pm$ 0.014 χ^2 /NDF: 29.5/23

Right Out: 0.036 $\pm$ 0.025 χ^2 /NDF: 30.9/19

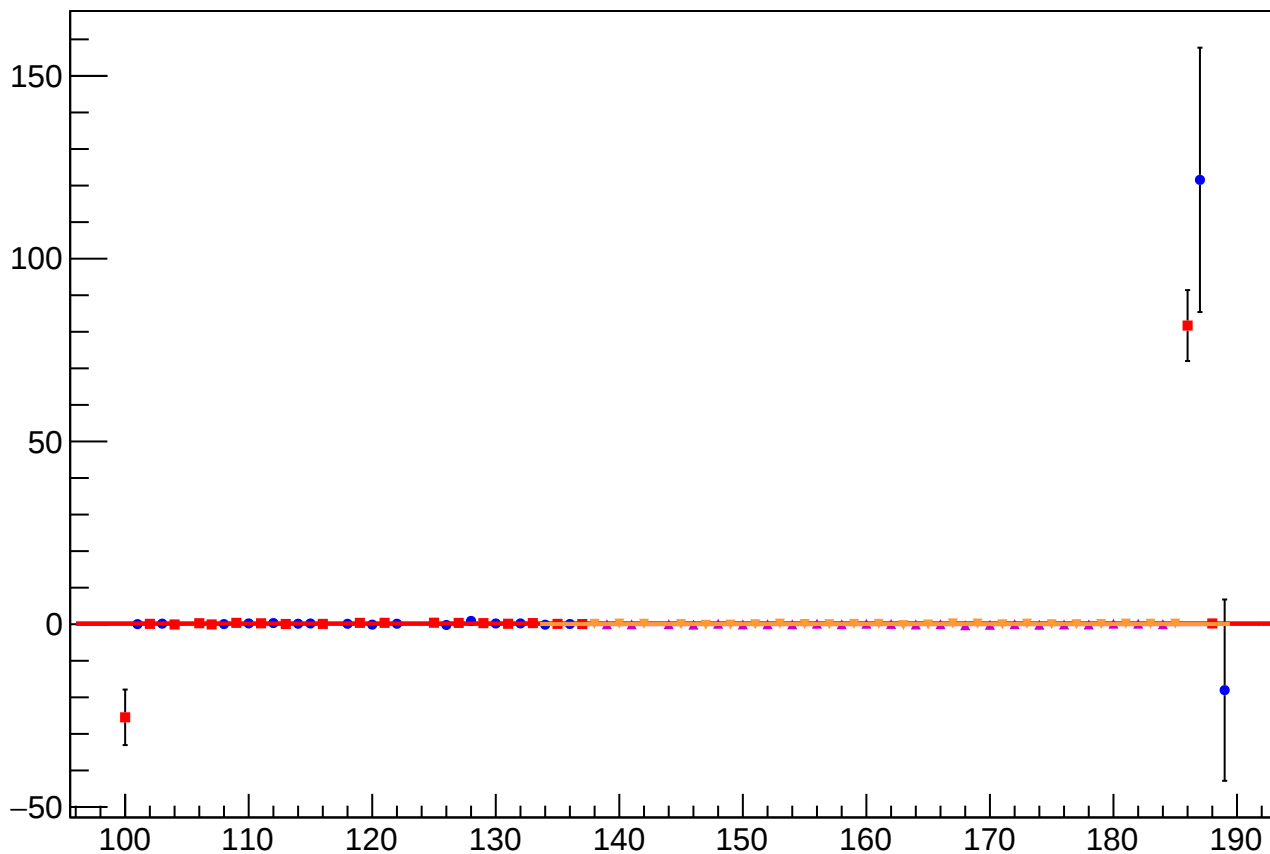
Left In: 0.004 $\pm$ 0.014 χ^2 /NDF: 50.3/22

+ sign -0.005 $\pm$ 0.012 χ^2 /NDF: 62.1/41

All: 0.003 $\pm$ 0.009 χ^2 /NDF: 145.5/84

- sign 0.012 $\pm$ 0.012 χ^2 /NDF: 82.5/42

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 40.5/17

Left Out: 0.048 ± 0.018 χ^2/NDF : 35.4/23

Right Out: 0.204 ± 0.041 χ^2/NDF : 93.5/19

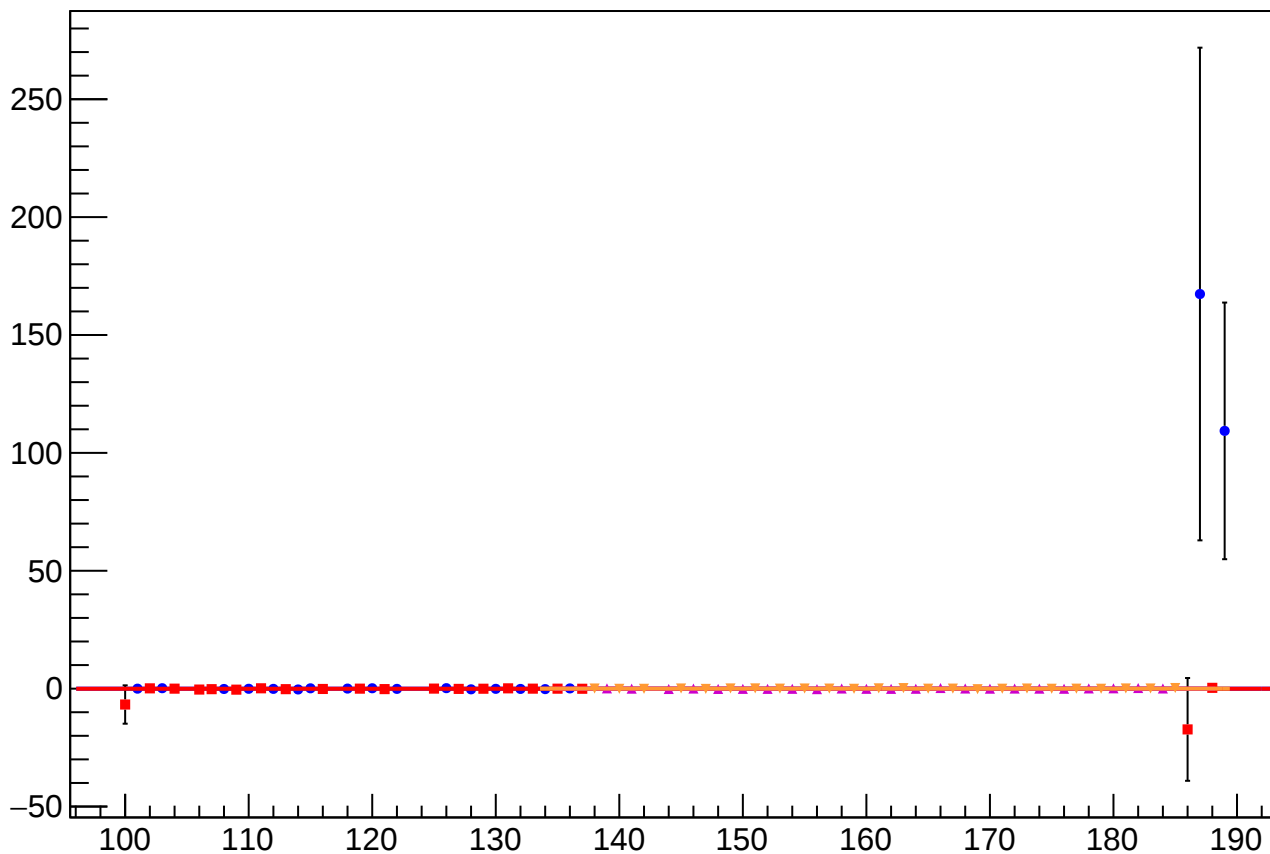
Left In: 0.021 ± 0.018 χ^2/NDF : 34.0/22

+ sign 0.063 ± 0.017 χ^2/NDF : 81.0/41

All: 0.057 ± 0.012 χ^2/NDF : 225.2/84

- sign 0.050 ± 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 : 31.8/17

Left Out: 0.021 ± 0.016 χ^2/NDF : 33.2/23

Right Out: -0.046 ± 0.028 χ^2/NDF : 28.0/19

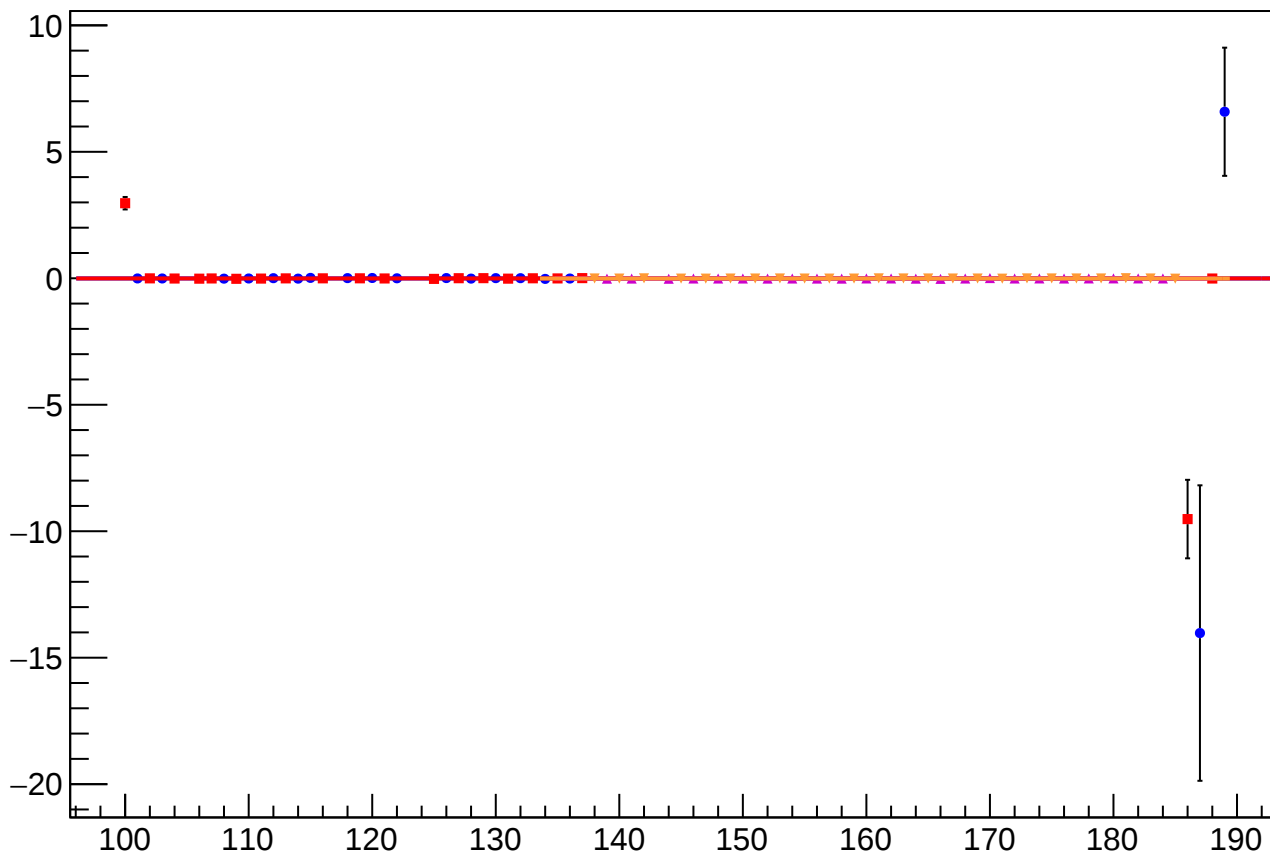
Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

+ sign 0.012 ± 0.014 χ^2/NDF : 66.1/41

All: 0.003 ± 0.010 χ^2/NDF : 148.3/84

- 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 : 41.5/17

Left Out: -0.008 ± 0.001 χ^2/NDF : 31.9/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 203.5/19

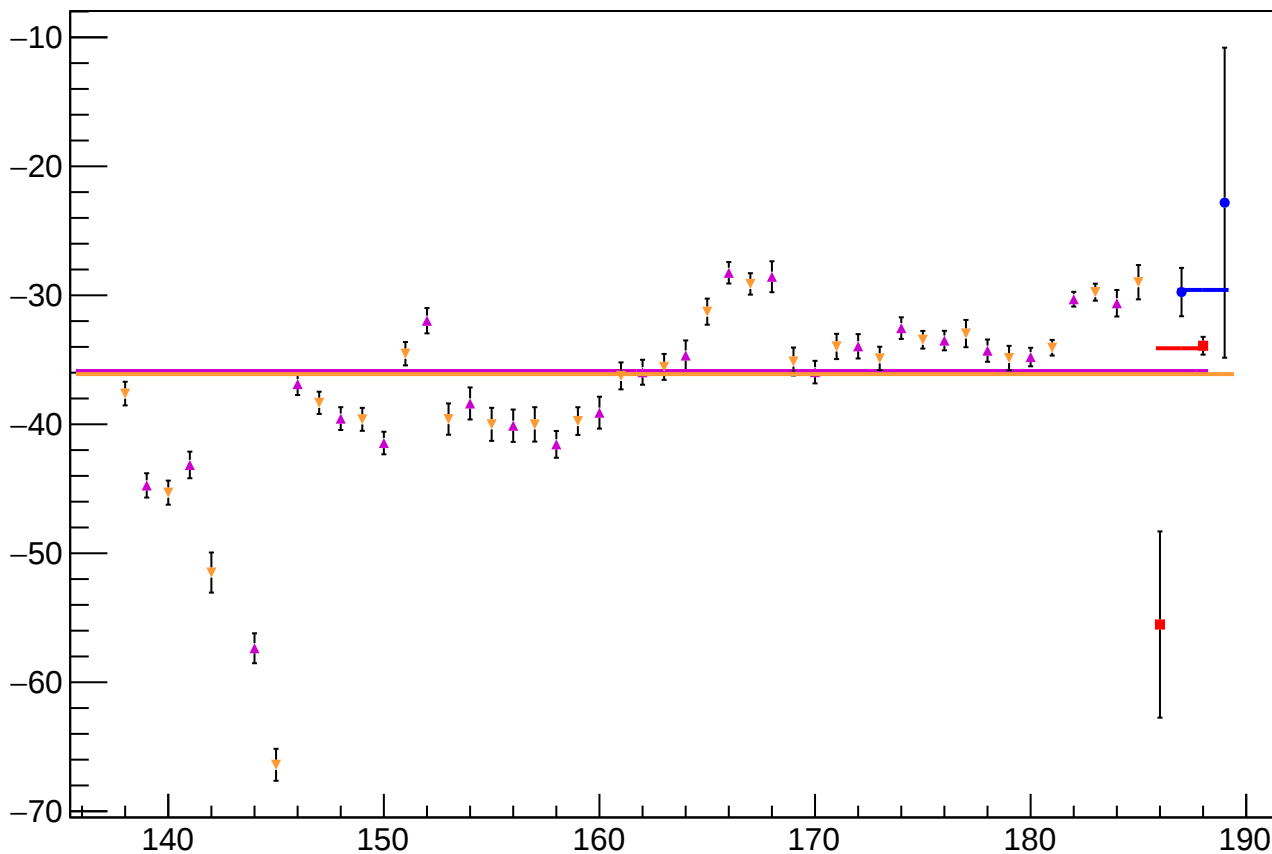
Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

+ sign -0.008 ± 0.001 χ^2/NDF : 75.2/41

All: -0.008 ± 0.000 χ^2/NDF : 321.0/84

- sign -0.008 ± 0.001 χ^2/NDF : 245.5/42

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -29.583 ± 1.853 χ^2/NDF : 0.3/1

Left Out: -36.110 ± 0.192 χ^2/NDF : 1118.4/23

Right Out: -34.106 ± 0.687 χ^2/NDF : 8.9/1

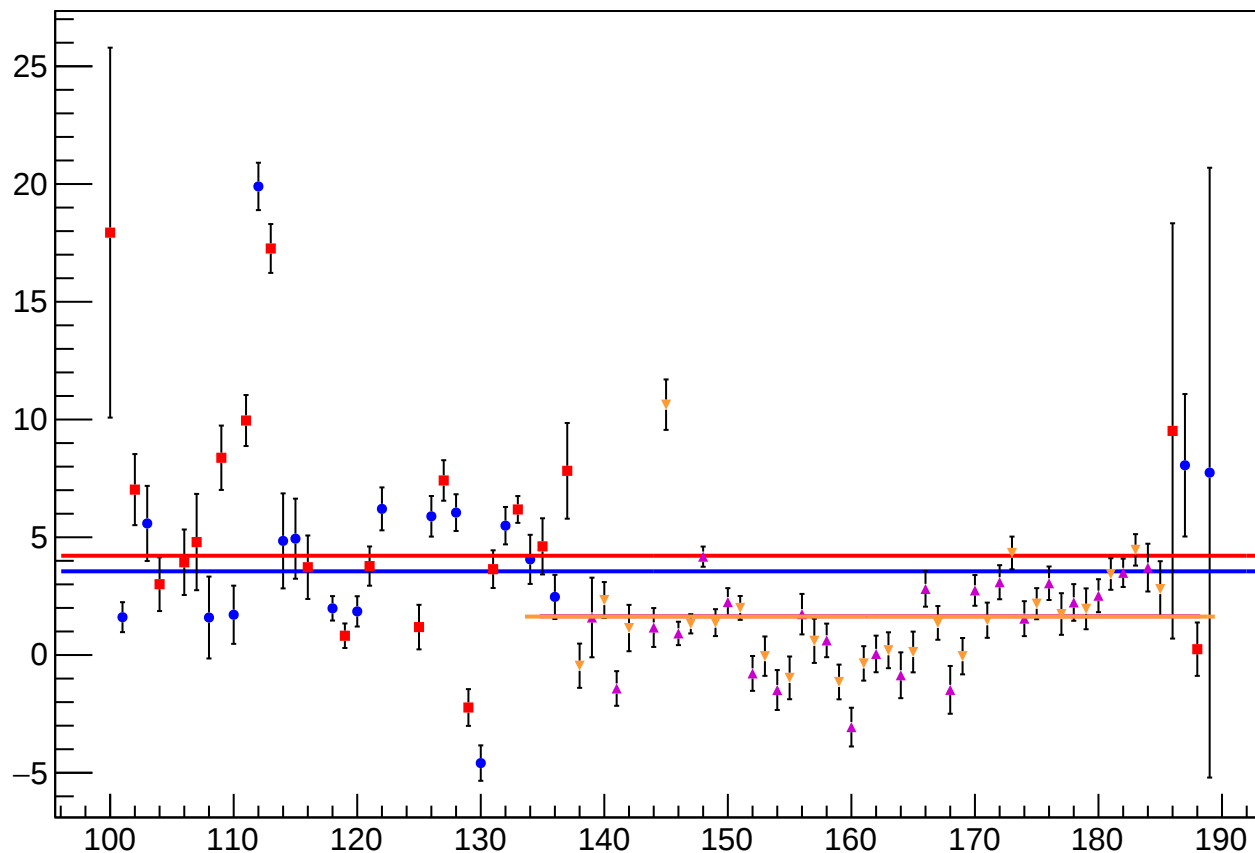
Left In: -35.869 ± 0.191 χ^2/NDF : 887.1/22

+ sign -36.041 ± 0.191 χ^2/NDF : 1131.0/25

All: -35.886 ± 0.132 χ^2/NDF : 2034.4/50

- sign -35.743 ± 0.184 χ^2/NDF : 902.1/24

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.554 $\pm$ 0.217 χ^2/NDF : 448.9/17

Left Out: 1.632 $\pm$ 0.148 χ^2/NDF :166.7/23

Right Out: 4.216 $\pm$ 0.221 χ^2/NDF : 366.9/19

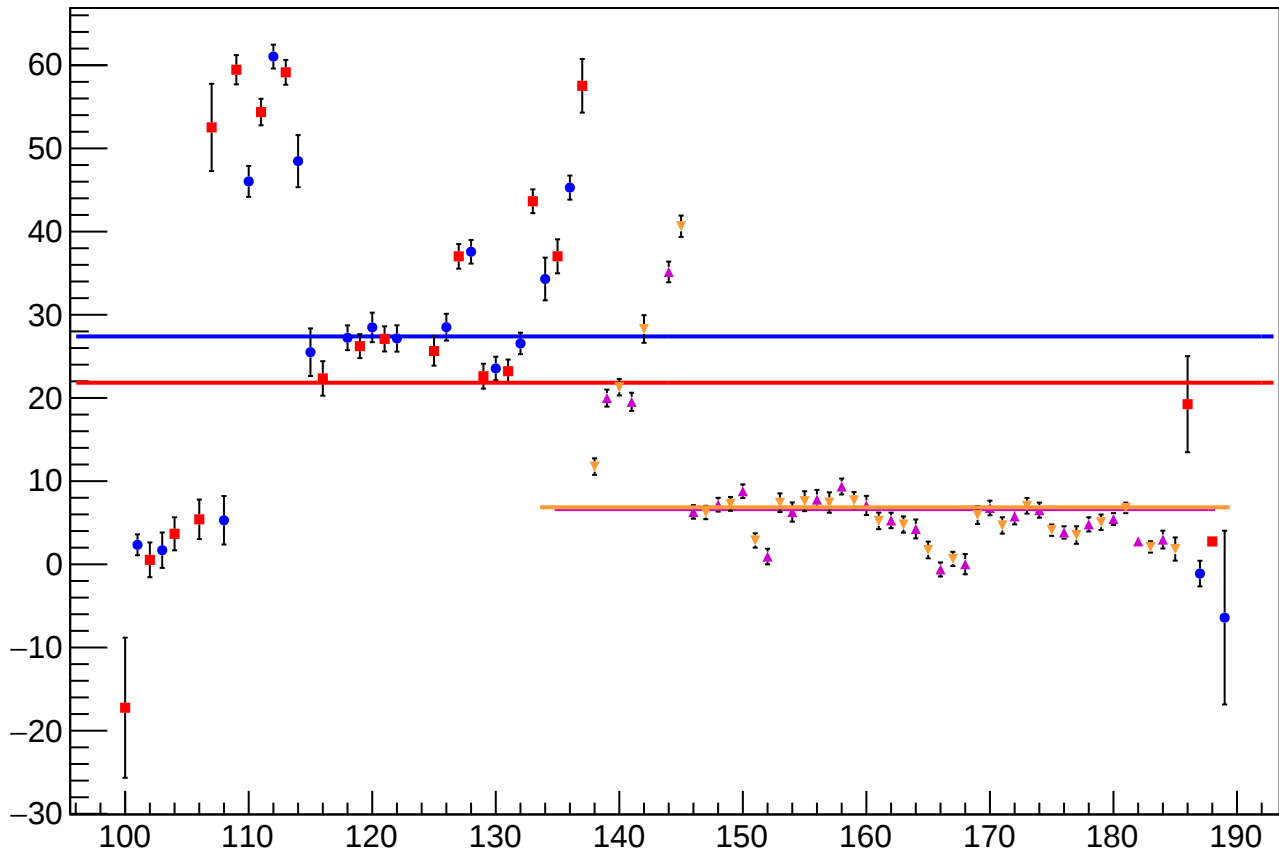
Left In: 1.646 $\pm$ 0.149 χ^2/NDF :164.1/22

+ sign 2.242 $\pm$ 0.122 χ^2/NDF : 669.3/41

All: 2.345 $\pm$ 0.087 χ^2/NDF : 1294.6/84

- sign 2.450 $\pm$ 0.124 χ^2/NDF : 623.9/42

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 27.395 $\pm$ 0.402 χ^2/NDF : 1874.0/17

Left Out: 6.855 $\pm$ 0.191 χ^2/NDF :1298.7/23

Right Out: 21.835 $\pm$ 0.336 χ^2/NDF : 3504.6/19

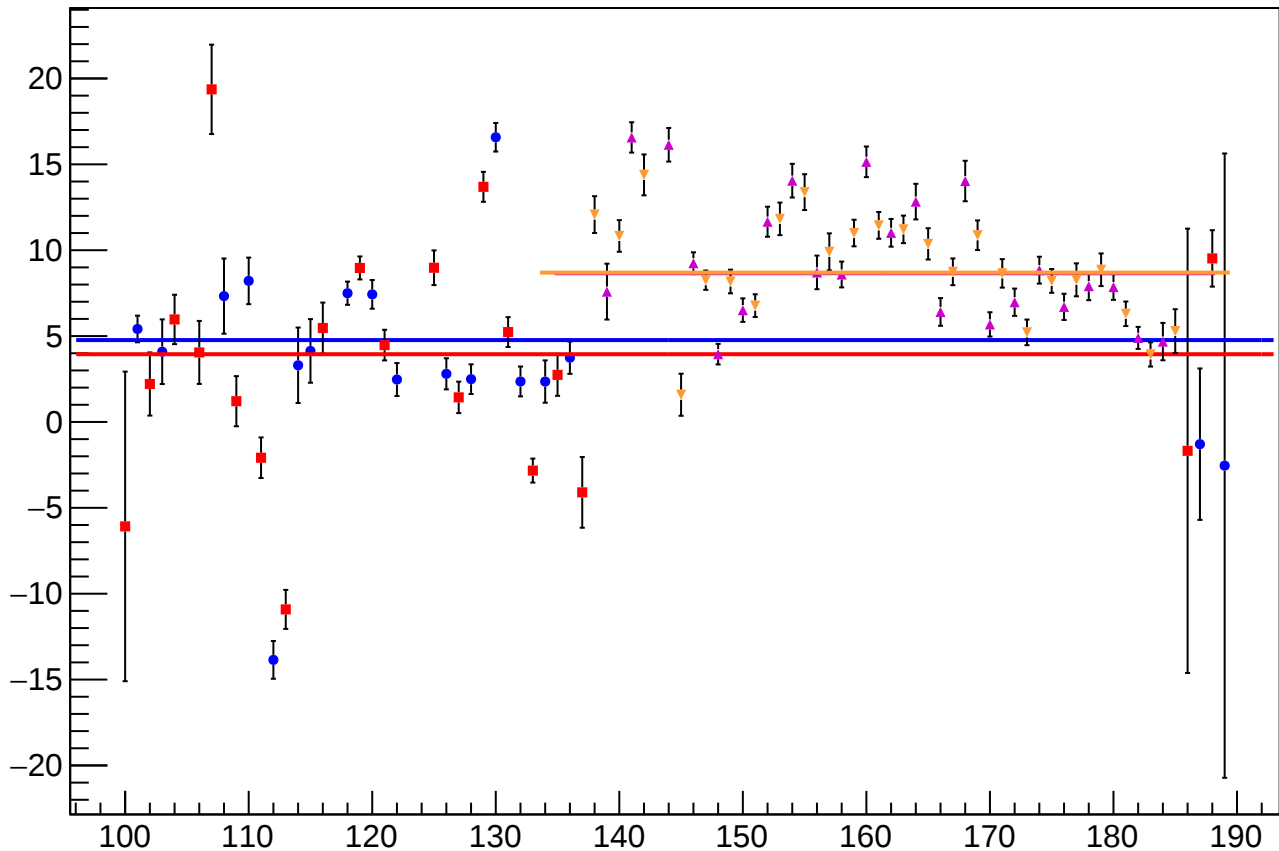
Left In: 6.639 $\pm$ 0.190 χ^2/NDF :1077.2/22

+ sign 10.650 $\pm$ 0.173 χ^2/NDF : 5301.1/41

All: 10.471 $\pm$ 0.119 χ^2/NDF : 11432.9/84

- sign 10.307 $\pm$ 0.165 χ^2/NDF : 6129.8/42

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.768 ± 0.251 $\chi^2/\text{NDF}: 556.0/17$

Left Out: 8.697 ± 0.169 $\chi^2/\text{NDF}: 241.1/23$

Right Out: 3.945 ± 0.256 $\chi^2/\text{NDF}: 579.6/19$

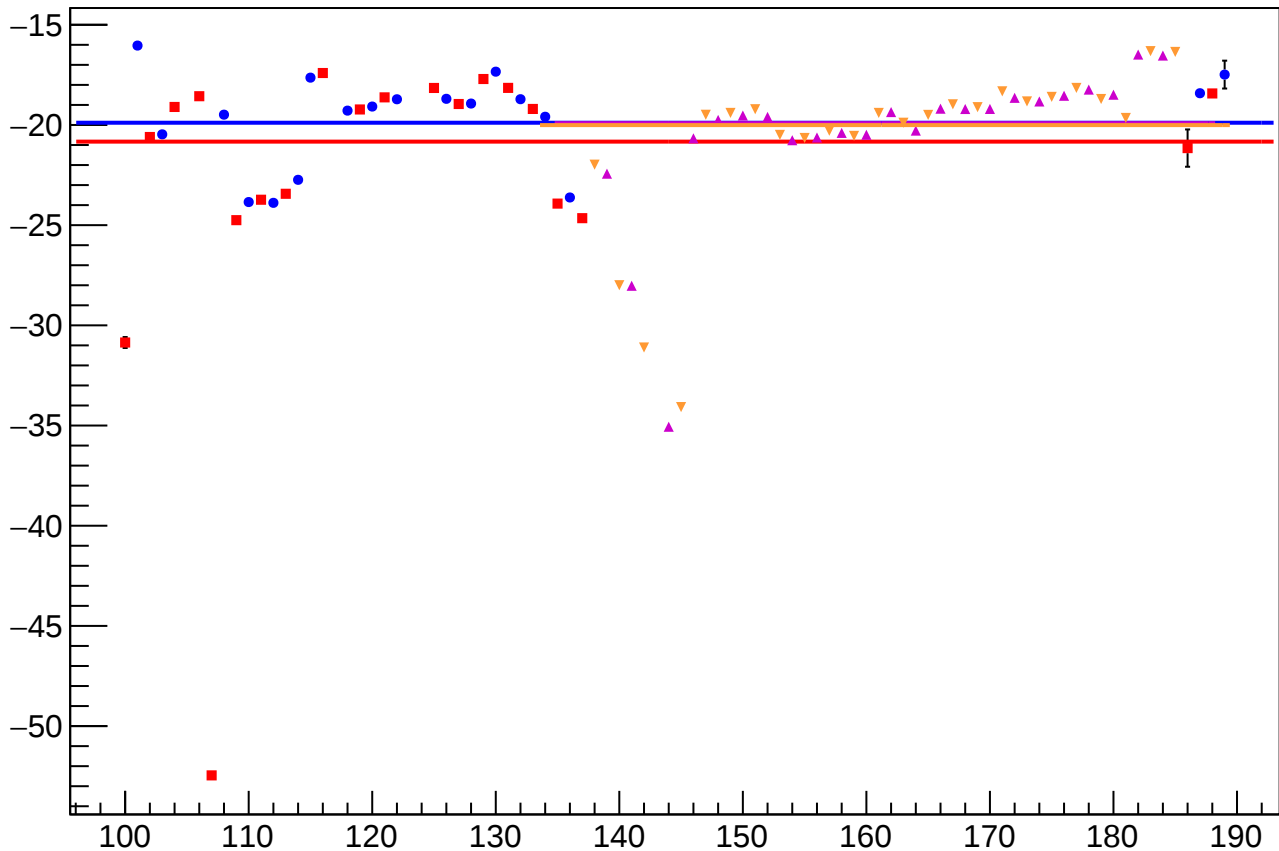
Left In: 8.659 ± 0.170 $\chi^2/\text{NDF}: 438.0/22$

+ sign 7.470 ± 0.140 $\chi^2/\text{NDF}: 965.9/41$

All: 7.345 ± 0.100 $\chi^2/\text{NDF}: 2221.2/84$

- sign 7.217 ± 0.141 $\chi^2/\text{NDF}: 1253.6/42$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.888 ± 0.016 χ^2/NDF : 26120.9/17

Left Out: -20.007 ± 0.008 χ^2/NDF : 171647.2/23

Right Out: -20.831 ± 0.015 χ^2/NDF : 95159.2/19

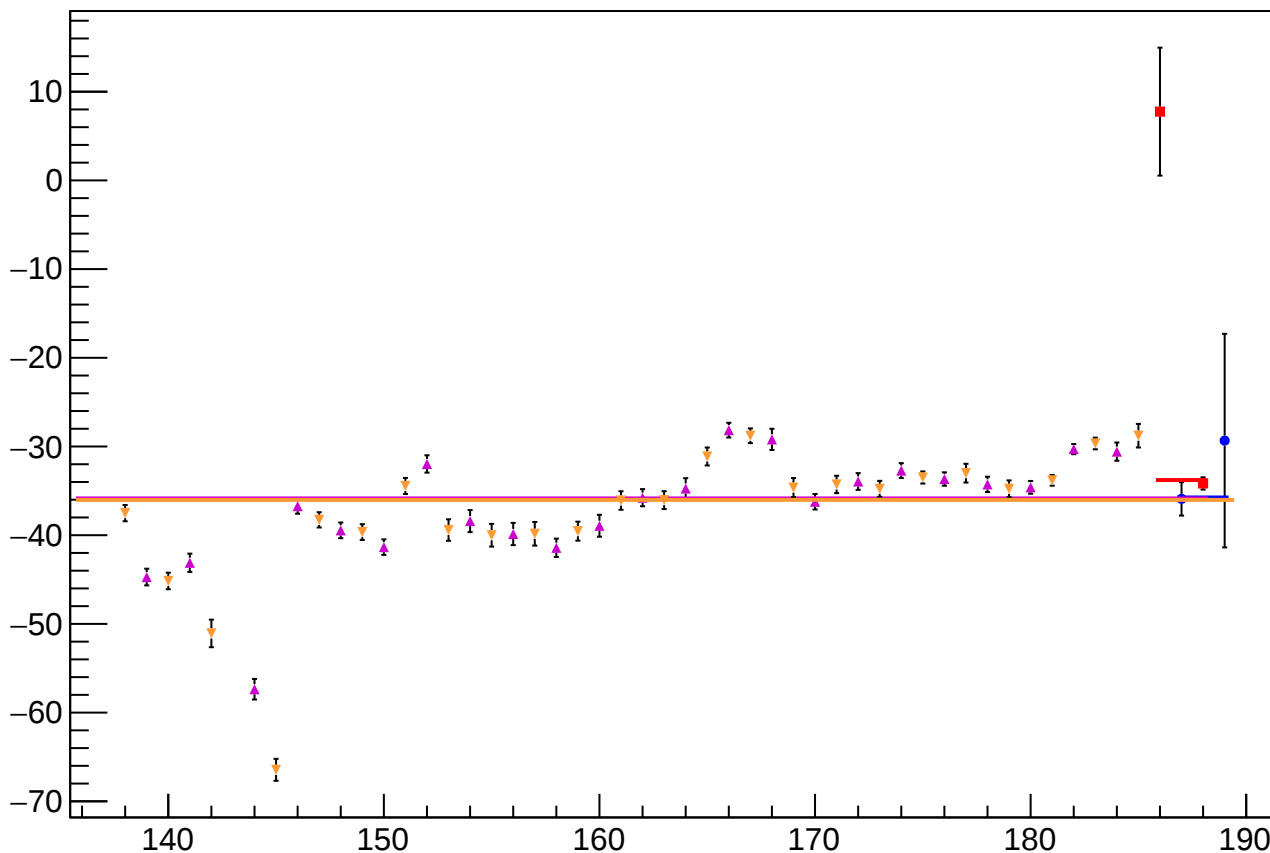
Left In: -19.912 ± 0.008 χ^2/NDF : 145487.3/22

+ sign -19.983 ± 0.007 χ^2/NDF : 197814.5/41

All: -20.042 ± 0.005 χ^2/NDF : 441445.2/84

- sign -20.101 ± 0.007 χ^2/NDF : 243487.6/42

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -35.749 ± 1.859 χ^2/NDF : 0.3/1

Left Out: -36.019 ± 0.192 χ^2/NDF : 1125.4/23

Right Out: -33.784 ± 0.687 χ^2/NDF : 33.5/1

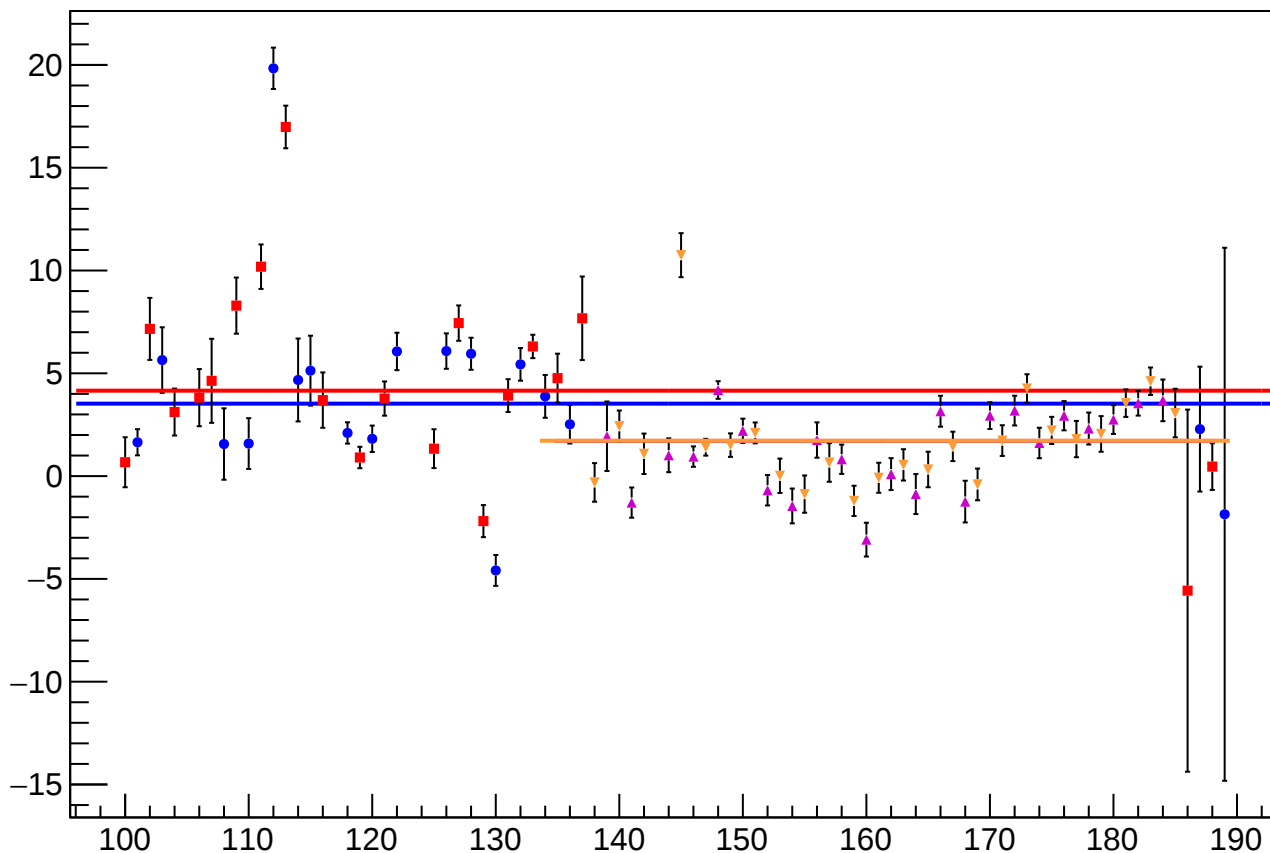
Left In: -35.856 ± 0.191 χ^2/NDF : 875.9/22

+ sign -36.016 ± 0.191 χ^2/NDF : 1125.7/25

All: -35.856 ± 0.132 χ^2/NDF : 2044.8/50

- sign -35.708 ± 0.184 χ^2/NDF : 917.8/24

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.525 $\pm$ 0.217 χ^2/NDF : 443.6/17

Left Out: 1.721 $\pm$ 0.148 χ^2/NDF : 168.3/23

Right Out: 4.156 $\pm$ 0.217 χ^2/NDF : 365.0/19

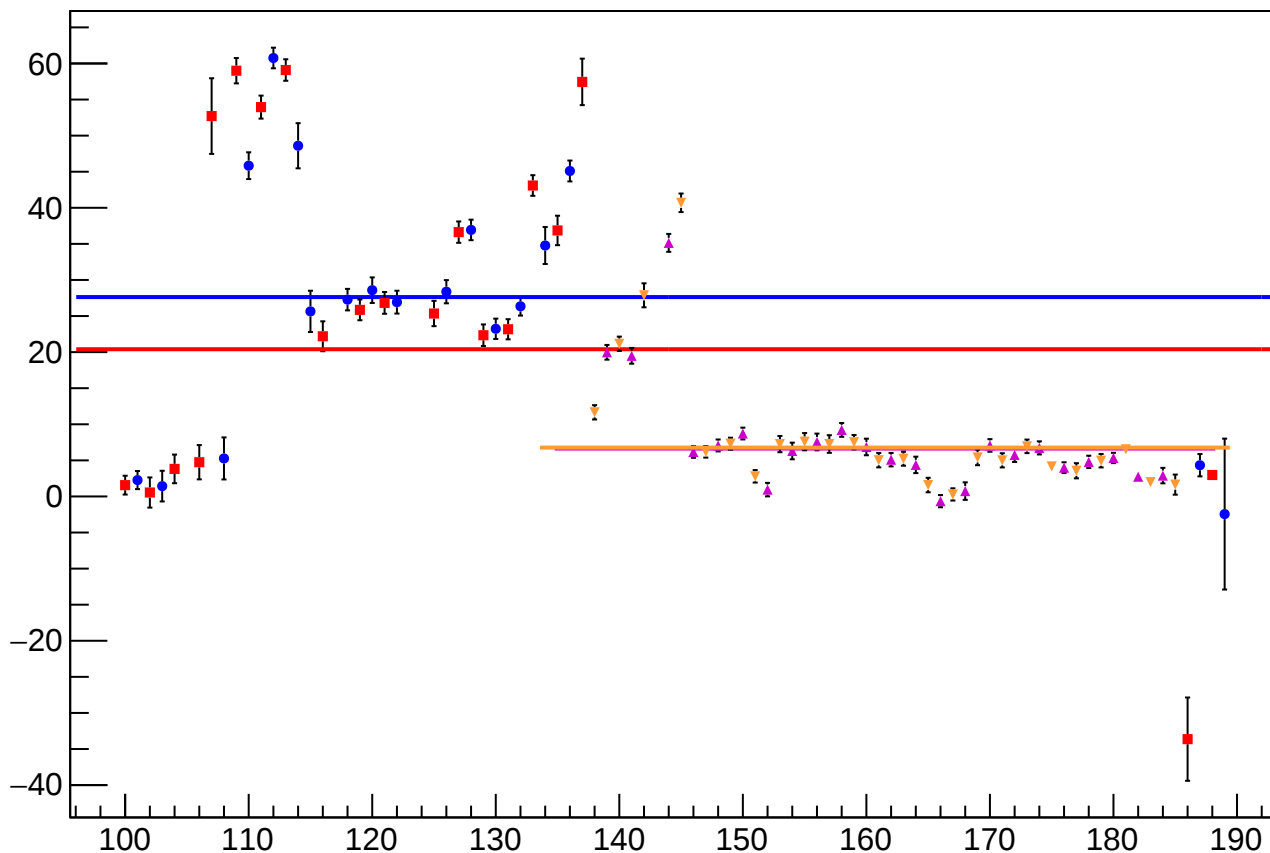
Left In: 1.712 $\pm$ 0.149 χ^2/NDF : 164.1/22

+ sign 2.293 $\pm$ 0.122 χ^2/NDF : 659.2/41

All: 2.393 $\pm$ 0.087 χ^2/NDF : 1275.7/84

- sign 2.494 $\pm$ 0.123 χ^2/NDF : 615.1/42

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 27.628 $\pm$ 0.402 χ^2 /NDF: 1741.5/17

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

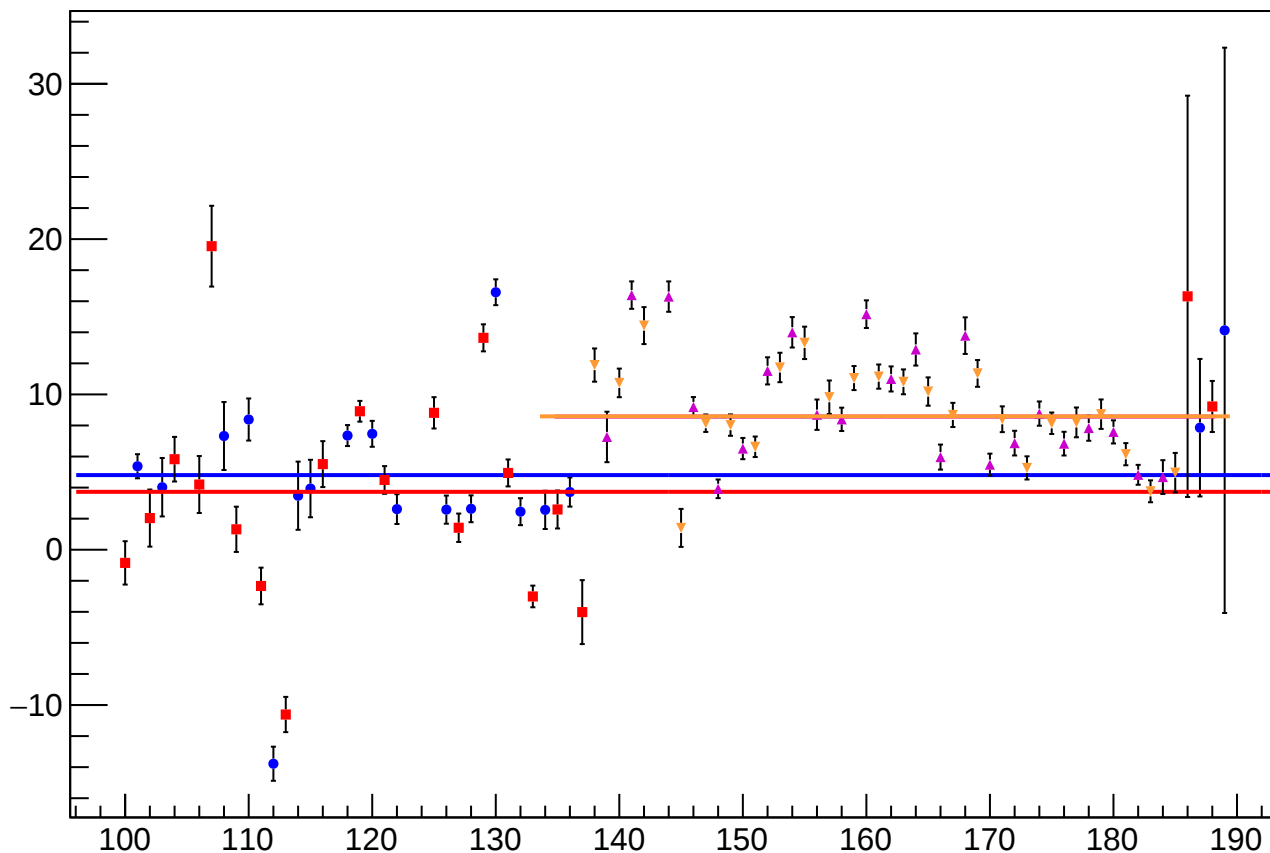
Left In: 6.635 $\pm$ 0.190 χ^2 /NDF:1070.4/22

+ sign 10.620 $\pm$ 0.173 χ^2 /NDF: 5240.0/41

All: 10.355 $\pm$ 0.119 χ^2 /NDF: 11375.1/84

- sign 10.116 $\pm$ 0.164 χ^2 /NDF: 6130.6/42

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.805 ± 0.251 $\chi^2/\text{NDF}: 550.7/17$

Left Out: 8.588 ± 0.169 $\chi^2/\text{NDF}: 245.6/23$

Right Out: 3.728 ± 0.251 $\chi^2/\text{NDF}: 585.7/19$

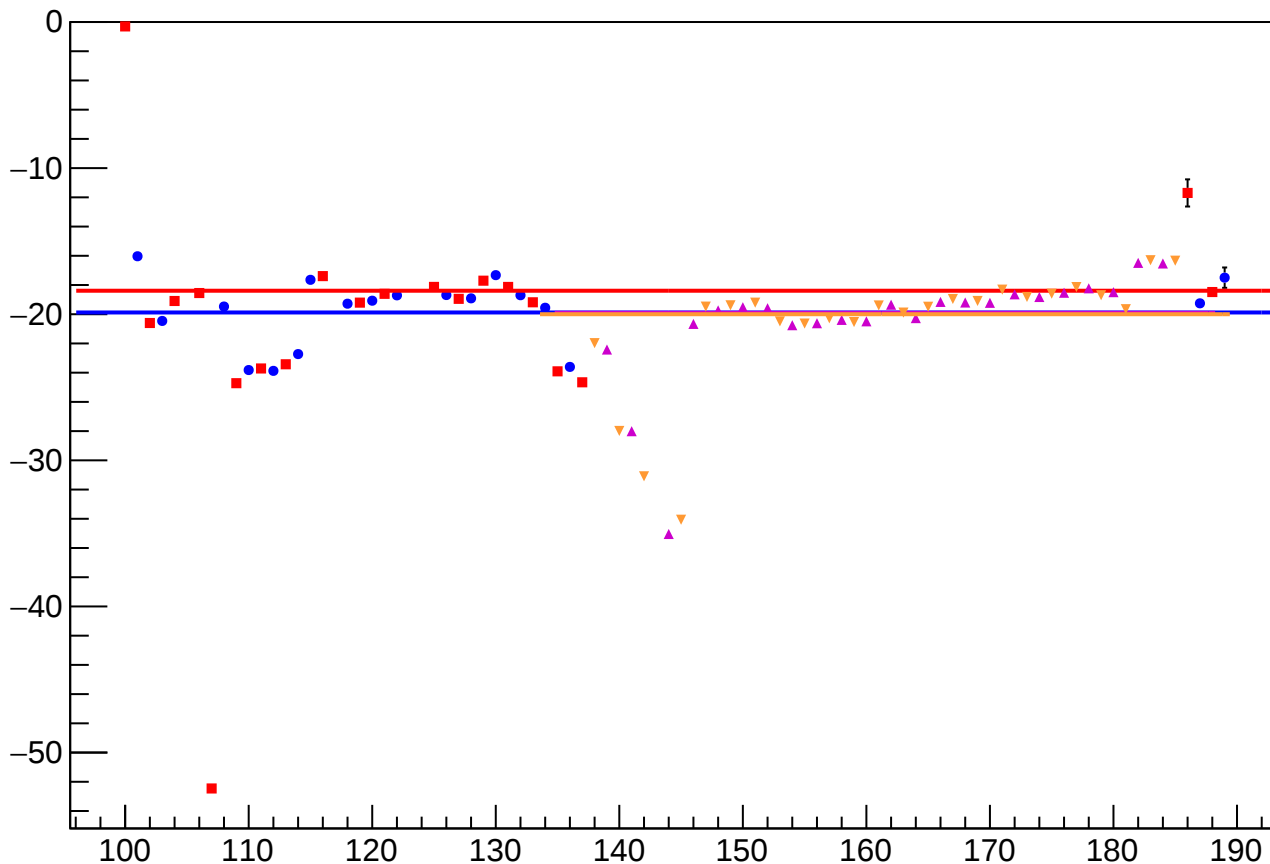
Left In: 8.573 ± 0.170 $\chi^2/\text{NDF}: 443.4/22$

+ sign 7.408 ± 0.140 $\chi^2/\text{NDF}: 953.0/41$

All: 7.233 ± 0.099 $\chi^2/\text{NDF}: 2240.5/84$

- sign 7.057 ± 0.141 $\chi^2/\text{NDF}: 1284.4/42$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.880 ± 0.016 χ^2/NDF : 26081.6/17

Left Out: -19.999 ± 0.008 χ^2/NDF : 171834.0/23

Right Out: -18.392 ± 0.014 χ^2/NDF : 301301.0/19

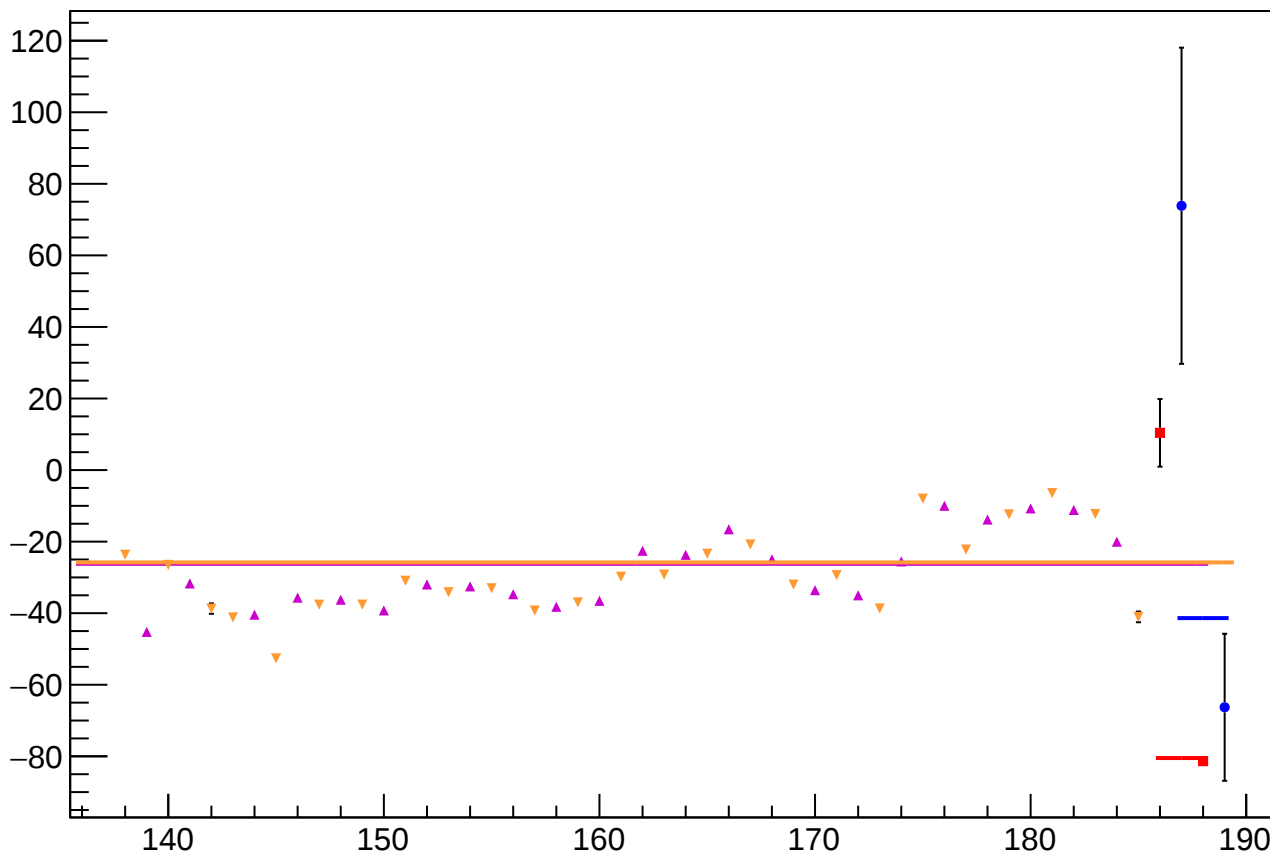
Left In: -19.905 ± 0.008 χ^2/NDF : 145346.7/22

+ sign -19.975 ± 0.007 χ^2/NDF : 197962.7/41

All: -19.764 ± 0.005 χ^2/NDF : 654845.6/84

- sign -19.563 ± 0.007 χ^2/NDF : 455128.8/42

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -41.374 ± 18.631 χ^2/NDF : 8.3/1

Left Out: -25.804 ± 0.192 χ^2/NDF : 4127.8/24

Right Out: -80.485 ± 0.915 χ^2/NDF : 93.4/1

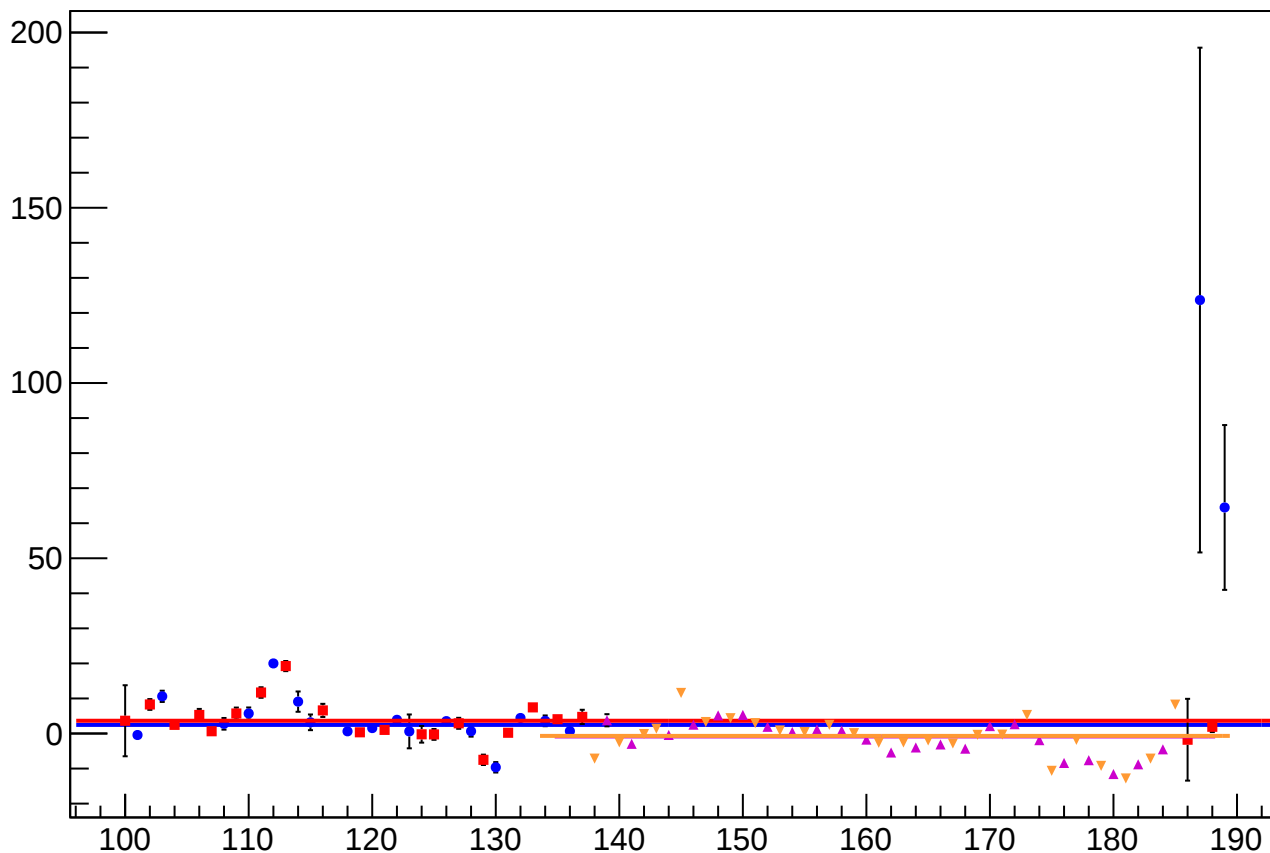
Left In: -26.204 ± 0.194 χ^2/NDF : 3377.8/22

+ sign -25.806 ± 0.192 χ^2/NDF : 4136.8/26

All: -27.189 ± 0.135 χ^2/NDF : 11076.2/51

- sign -28.538 ± 0.190 χ^2/NDF : 6837.1/24

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.457 ± 0.311 χ^2/NDF : 305.1/18

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 -0.110 ± 0.133 χ^2/NDF : 1702.6/43

All: -0.072 ± 0.095 χ^2/NDF : 3206.6/87

- sign -0.031 ± 0.136 χ^2/NDF : 1503.8/43

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.567 ± 0.573 χ^2/NDF : 2261.4/18

Left Out: 55.000 ± 0.192 χ^2/NDF : 4524.8/24

Right Out: 92.202 ± 0.462 χ^2/NDF : 2459.6/20

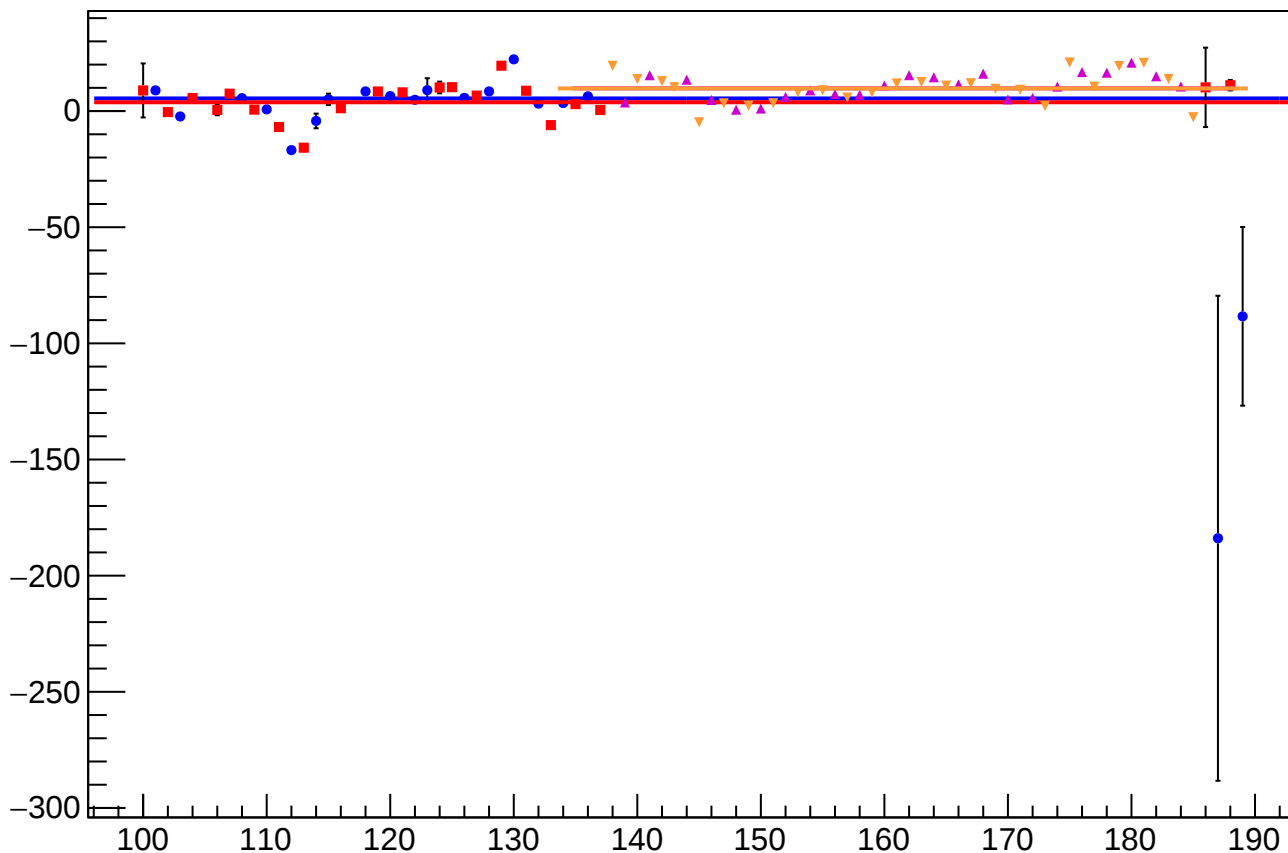
Left In: 55.225 ± 0.193 χ^2/NDF : 3825.0/22

+ sign 57.174 ± 0.182 χ^2/NDF : 8060.5/43

All: 58.983 ± 0.127 χ^2/NDF : 19998.2/87

- sign 60.713 ± 0.178 χ^2/NDF : 11744.3/43

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.432 ± 0.357 χ^2/NDF : 396.7/18

Left Out: 9.750 ± 0.168 χ^2/NDF : 1449.2/24

Right Out: 3.795 ± 0.370 χ^2/NDF : 434.4/20

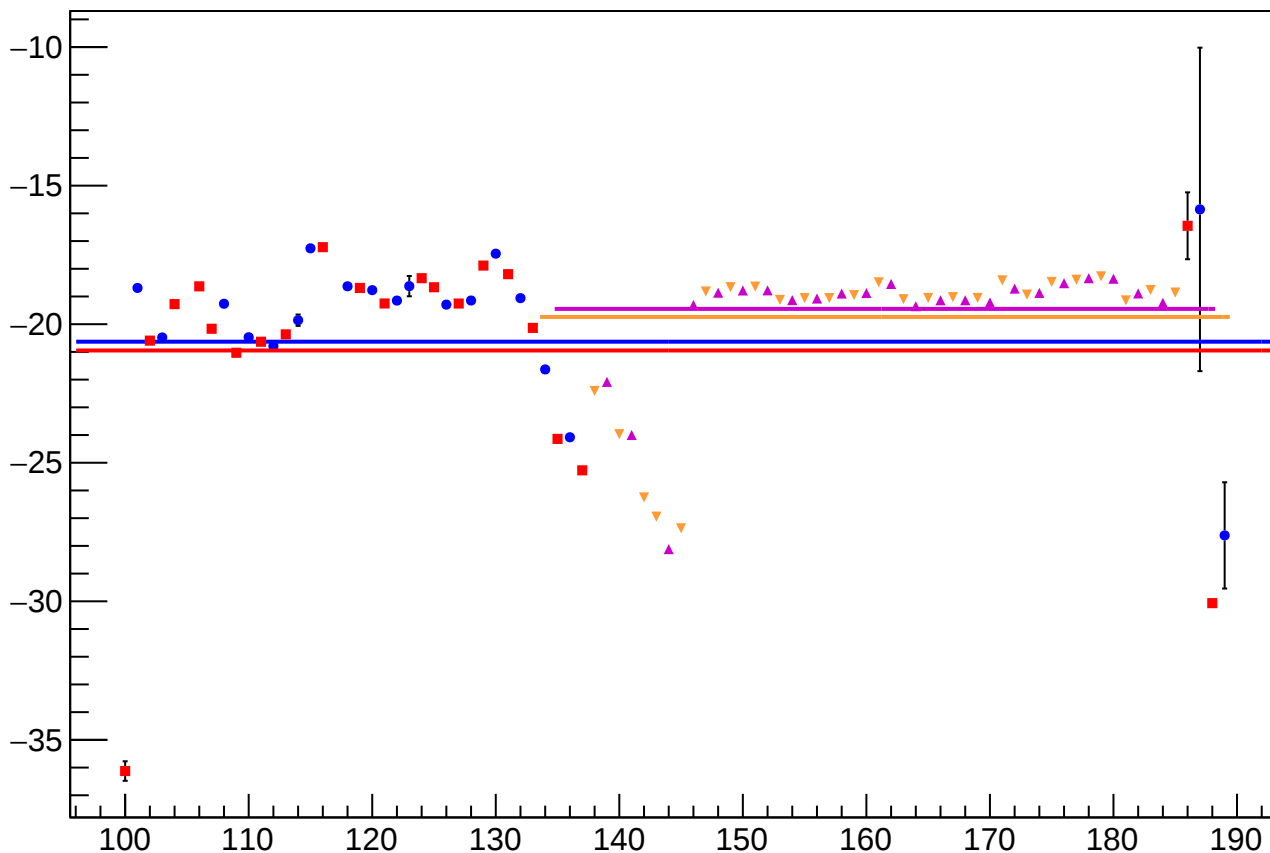
Left In: 9.775 ± 0.171 χ^2/NDF : 1165.6/22

+ sign 8.967 ± 0.152 χ^2/NDF : 1965.5/43

All: 8.846 ± 0.109 χ^2/NDF : 3781.9/87

- sign 8.720 ± 0.155 χ^2/NDF : 1815.1/43

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12504.5/18$

Left Out: -19.738 ± 0.008 $\chi^2/\text{NDF}: 88495.2/24$

Right Out: -20.948 ± 0.019 $\chi^2/\text{NDF}: 21372.1/20$

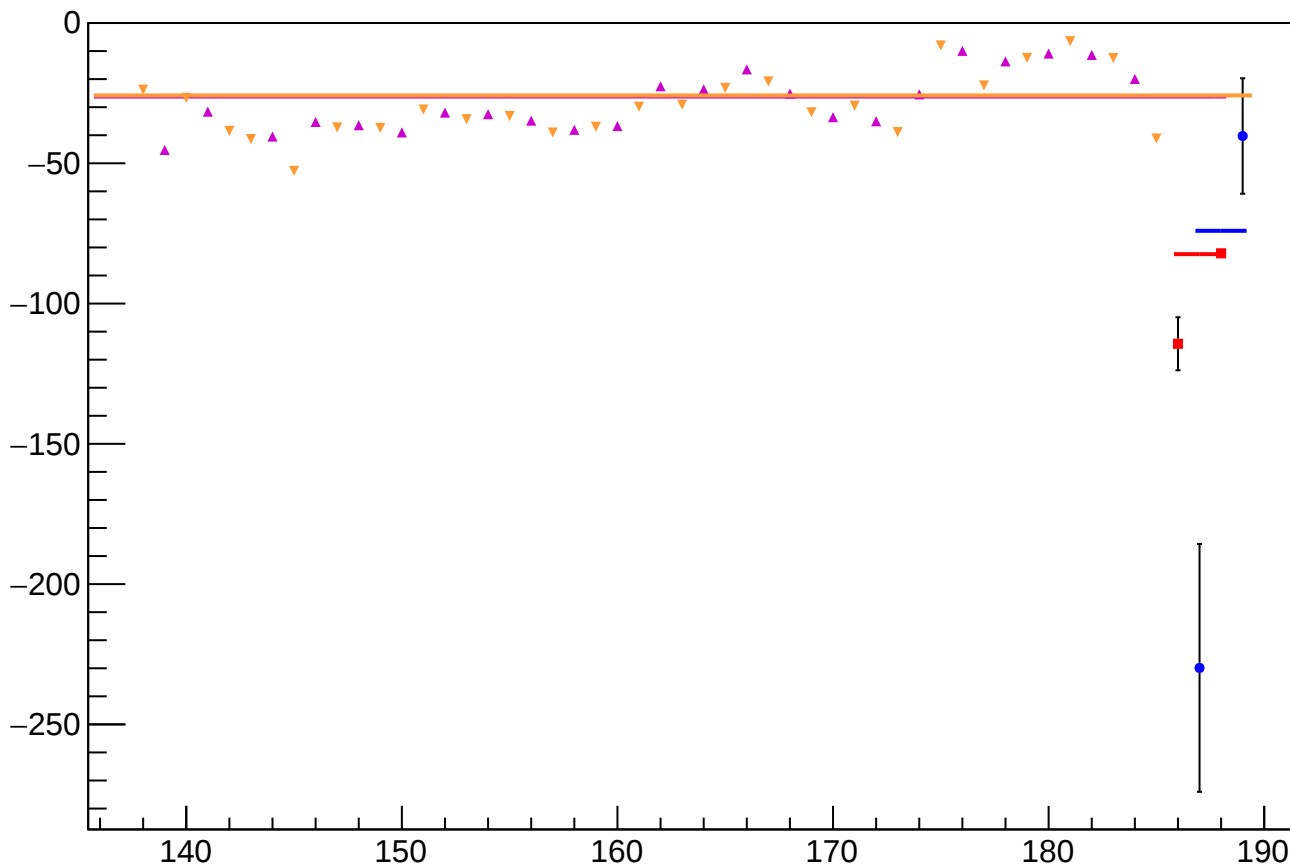
Left In: -19.448 ± 0.008 $\chi^2/\text{NDF}: 54039.2/22$

+ sign -19.867 ± 0.007 $\chi^2/\text{NDF}: 102836.1/43$

All: -19.767 ± 0.005 $\chi^2/\text{NDF}: 183874.7/87$

- sign -19.668 ± 0.007 $\chi^2/\text{NDF}: 80668.0/43$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -74.065 ± 18.646 $\chi^2/\text{NDF}: 15.1/1$

Left Out: -25.814 ± 0.192 $\chi^2/\text{NDF}: 4094.6/24$

Right Out: -82.392 ± 0.916 $\chi^2/\text{NDF}: 11.5/1$

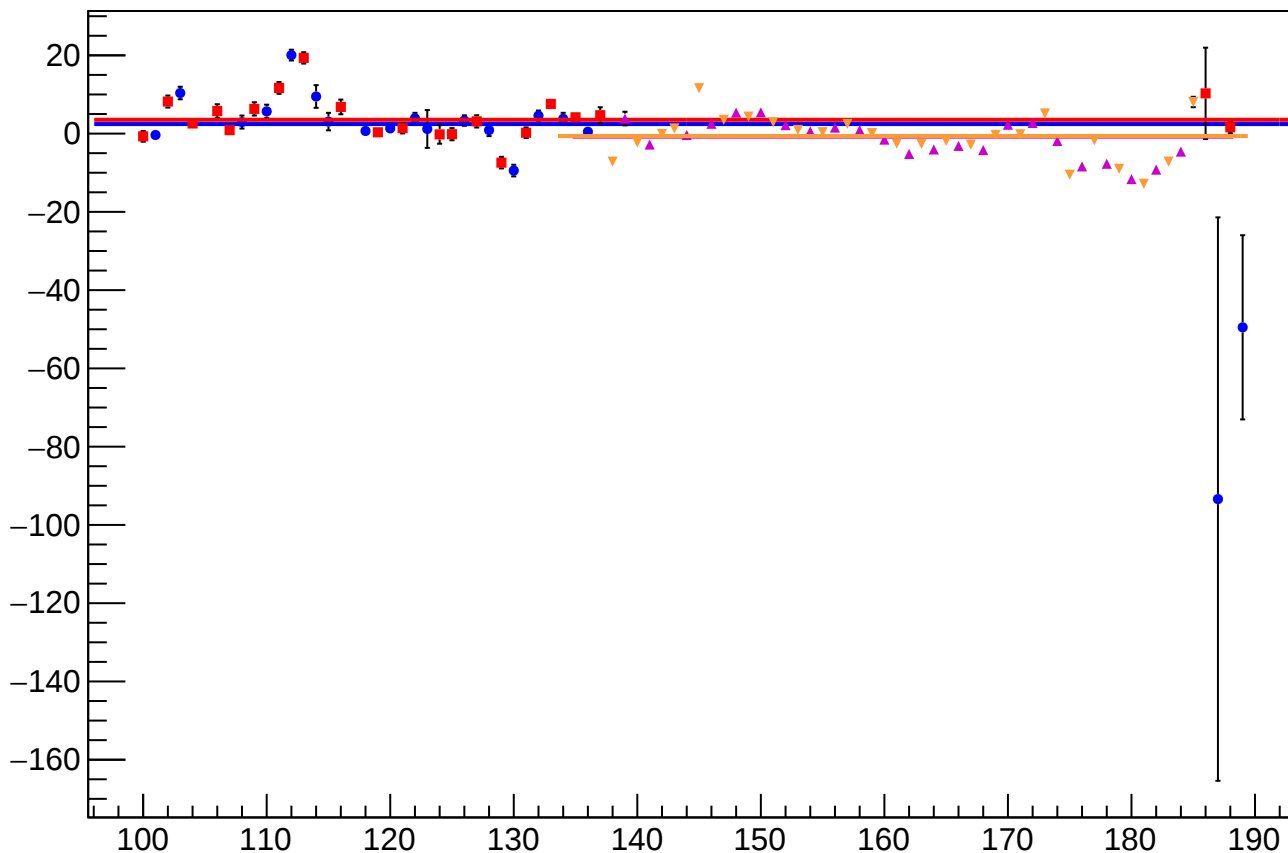
Left In: -26.200 ± 0.194 $\chi^2/\text{NDF}: 3344.6/22$

+ sign -25.819 ± 0.192 $\chi^2/\text{NDF}: 4116.4/26$

All: -27.234 ± 0.135 $\chi^2/\text{NDF}: 11179.2/51$

- sign -28.616 ± 0.190 $\chi^2/\text{NDF}: 6955.8/24$

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.437 ± 0.311 χ^2/NDF : 300.0/18

Left Out: -0.625 ± 0.147 χ^2/NDF : 1303.5/24

Right Out: 3.532 ± 0.311 χ^2/NDF : 281.4/20

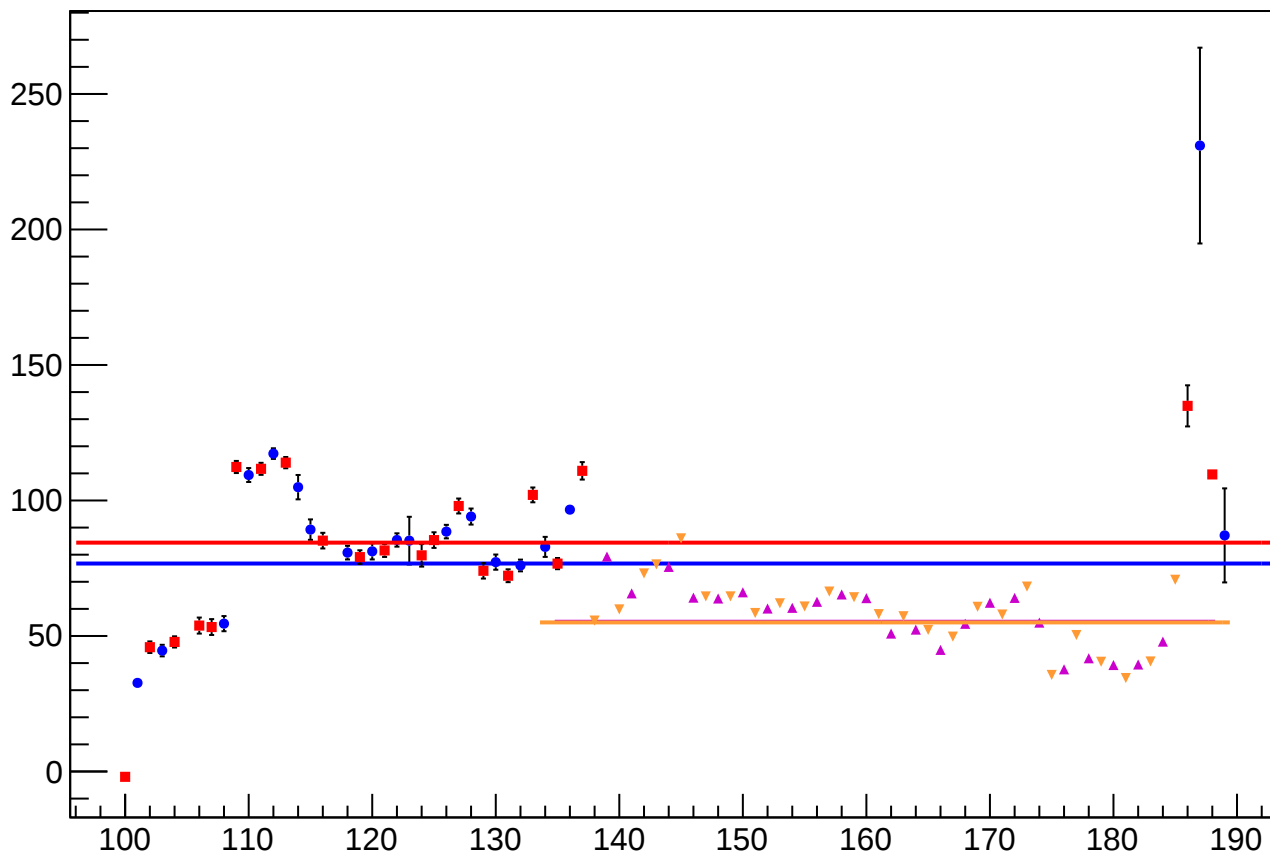
Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

+ sign -0.068 ± 0.133 χ^2/NDF : 1682.7/43

All: -0.015 ± 0.095 χ^2/NDF : 3231.0/87

- sign 0.040 ± 0.135 χ^2/NDF : 1547.9/43

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.737 ± 0.573 $\chi^2/\text{NDF}: 2283.7/18$

Left Out: 55.008 ± 0.192 $\chi^2/\text{NDF}: 4502.1/24$

Right Out: 84.445 ± 0.441 $\chi^2/\text{NDF}: 6238.0/20$

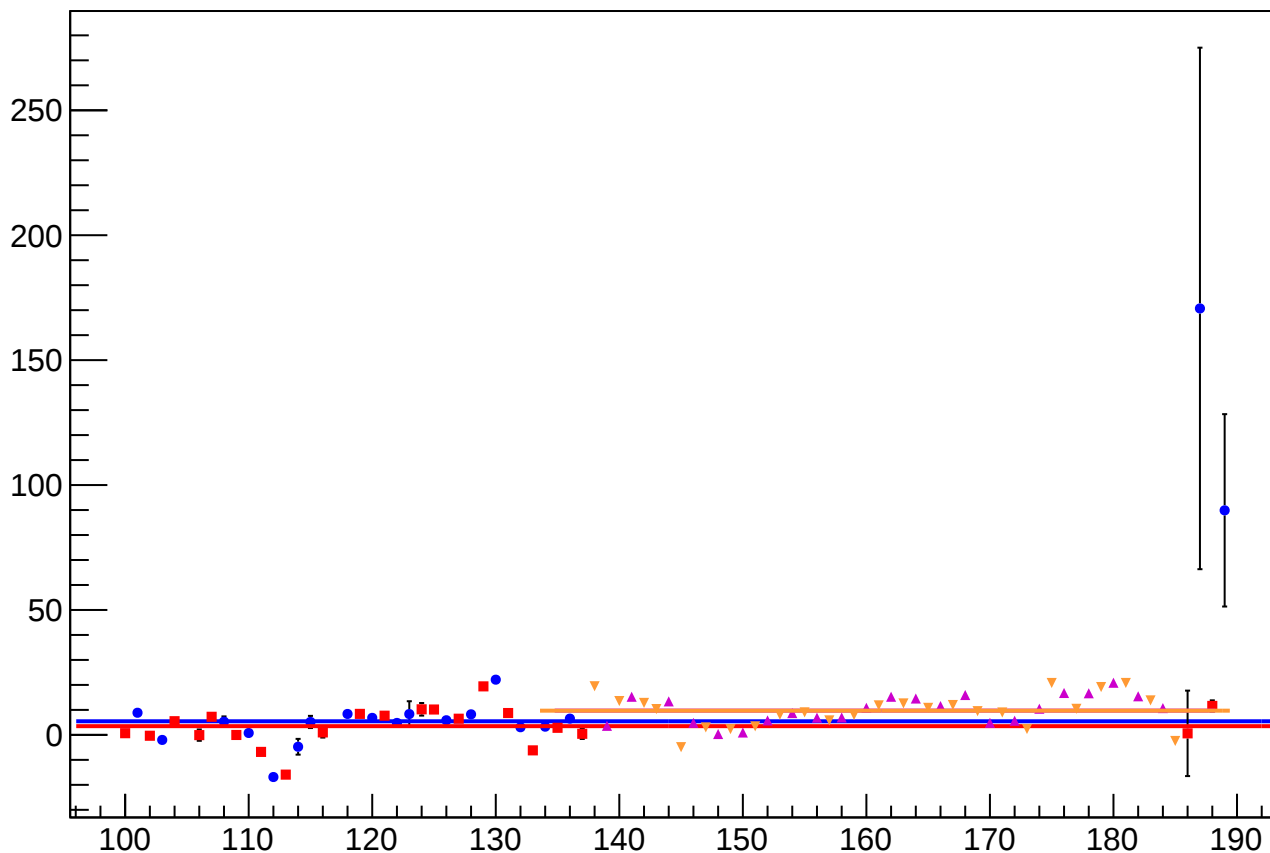
Left In: 55.252 ± 0.193 $\chi^2/\text{NDF}: 3786.2/22$

+ sign 57.199 ± 0.182 $\chi^2/\text{NDF}: 8077.7/43$

All: 58.610 ± 0.127 $\chi^2/\text{NDF}: 21895.6/87$

- sign 59.940 ± 0.177 $\chi^2/\text{NDF}: 13701.2/43$

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.448 ± 0.357 χ^2/NDF : 393.3/18

Left Out: 9.691 ± 0.168 χ^2/NDF : 1440.3/24

Right Out: 3.490 ± 0.360 χ^2/NDF : 439.3/20

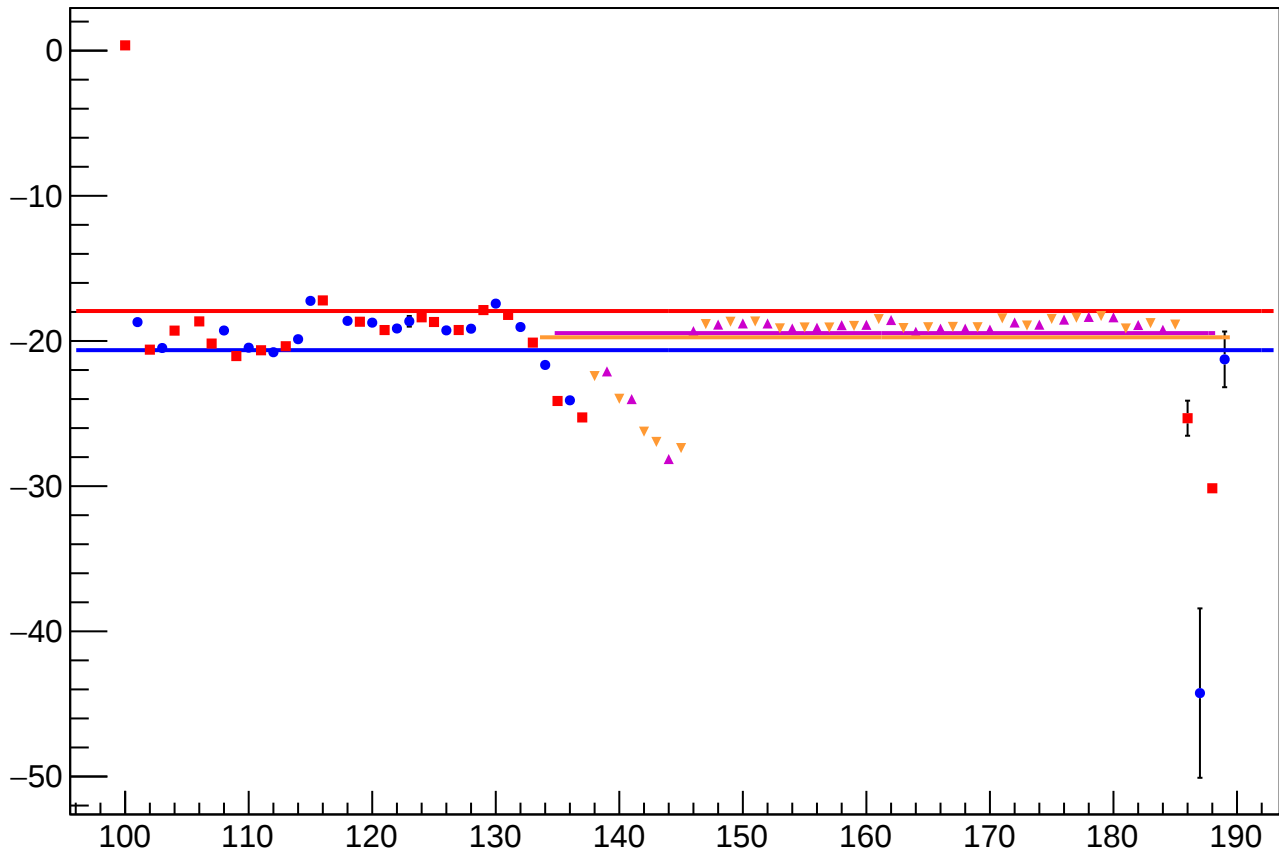
Left In: 9.708 ± 0.171 χ^2/NDF : 1198.0/22

+ sign 8.921 ± 0.152 χ^2/NDF : 1948.8/43

All: 8.745 ± 0.109 χ^2/NDF : 3831.5/87

- sign 8.562 ± 0.155 χ^2/NDF : 1880.0/43

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12547.3/18$

Left Out: -19.746 ± 0.008 $\chi^2/\text{NDF}: 88374.4/24$

Right Out: -17.936 ± 0.018 $\chi^2/\text{NDF}: 192036.5/20$

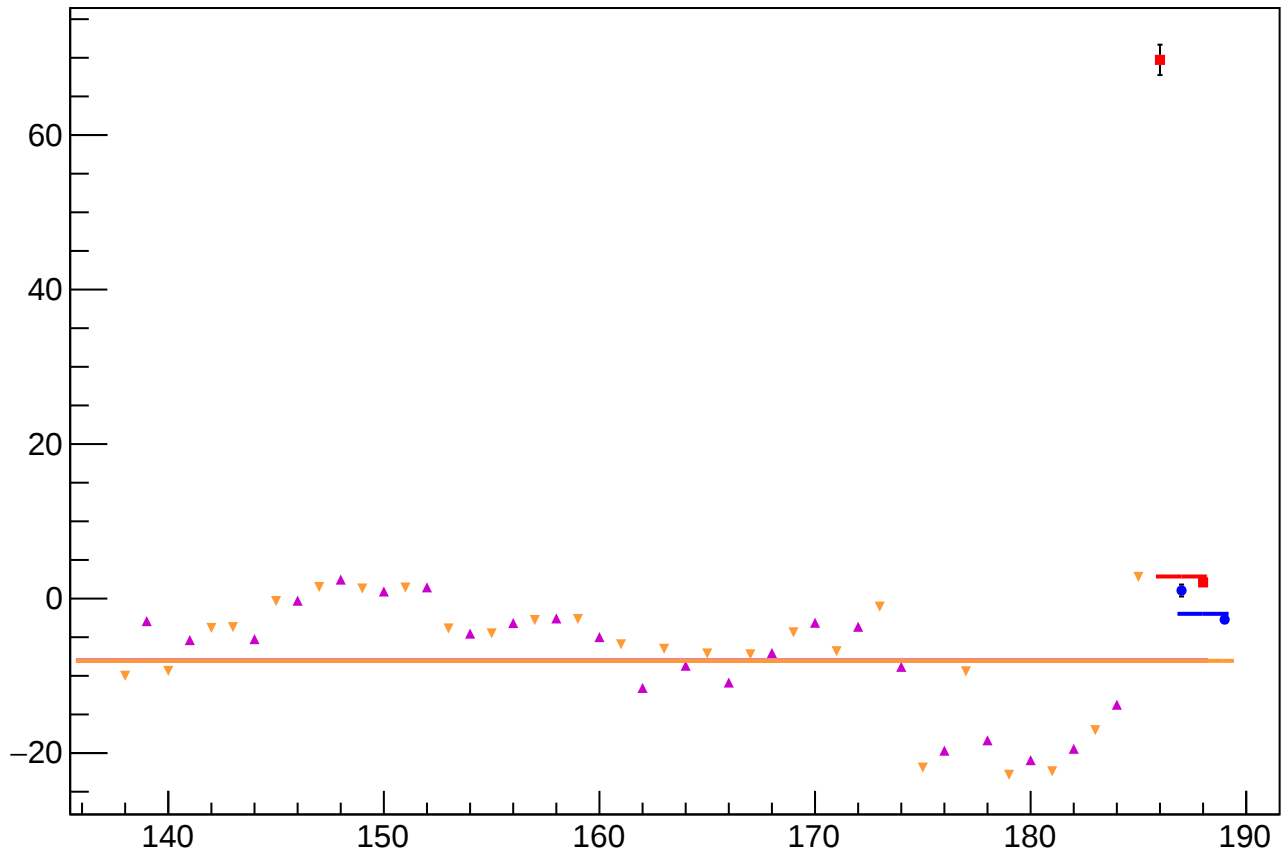
Left In: -19.457 ± 0.008 $\chi^2/\text{NDF}: 53995.4/22$

+ sign -19.874 ± 0.007 $\chi^2/\text{NDF}: 102727.1/43$

All: -19.536 ± 0.005 $\chi^2/\text{NDF}: 359094.9/87$

- sign -19.205 ± 0.007 $\chi^2/\text{NDF}: 252144.1/43$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -1.972 ± 0.344 χ^2/NDF : 19.1/1

Left Out: -8.058 ± 0.070 χ^2/NDF : 12532.2/24

Right Out: 2.858 ± 0.209 χ^2/NDF : 1169.2/1

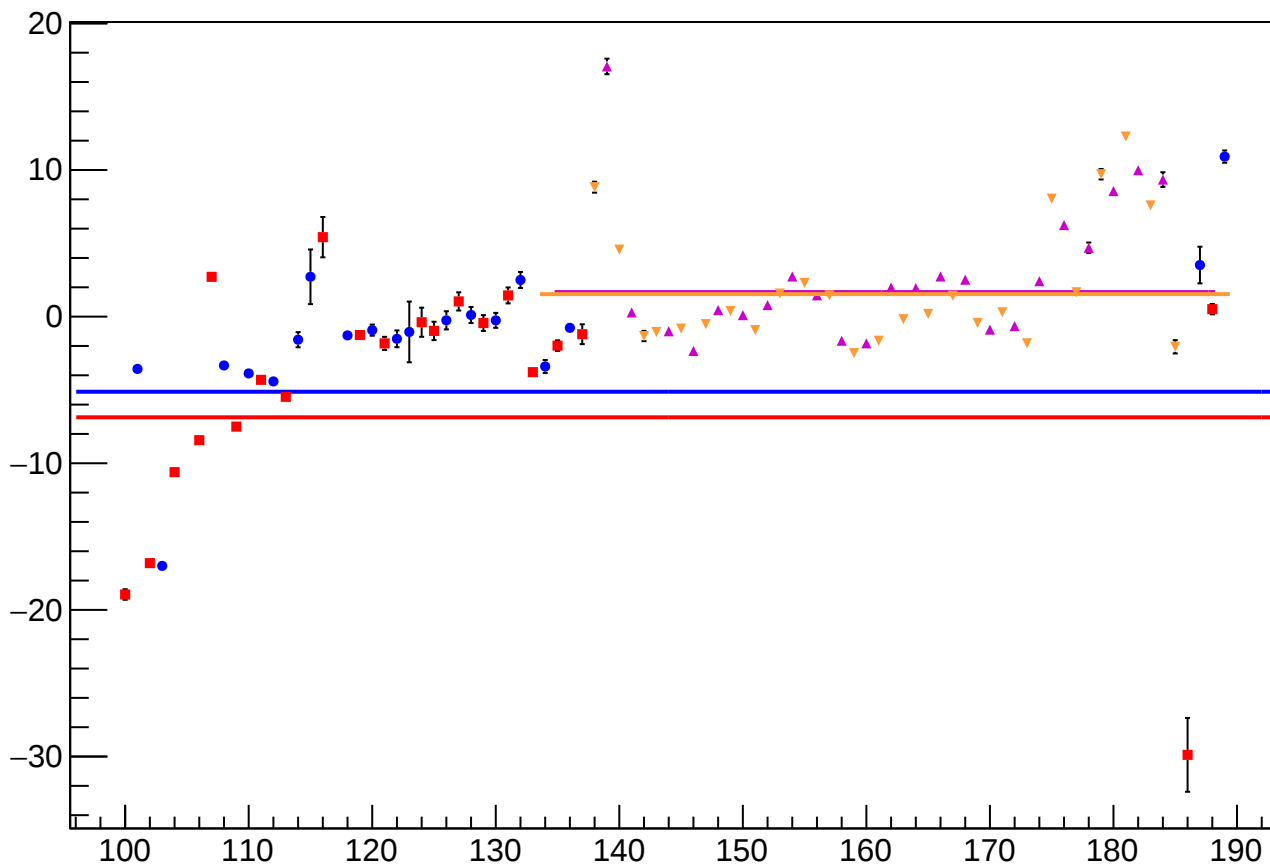
Left In: -8.010 ± 0.071 χ^2/NDF : 10631.2/22

+ sign -7.814 ± 0.069 χ^2/NDF : 12851.0/26

All: -7.333 ± 0.048 χ^2/NDF : 27170.7/51

- sign -6.873 ± 0.068 χ^2/NDF : 14224.7/24

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.123 ± 0.054 χ^2/NDF : 10791.3/18

Left Out: 1.535 ± 0.055 χ^2/NDF : 4816.7/24

Right Out: -6.865 ± 0.058 χ^2/NDF : 12862.9/20

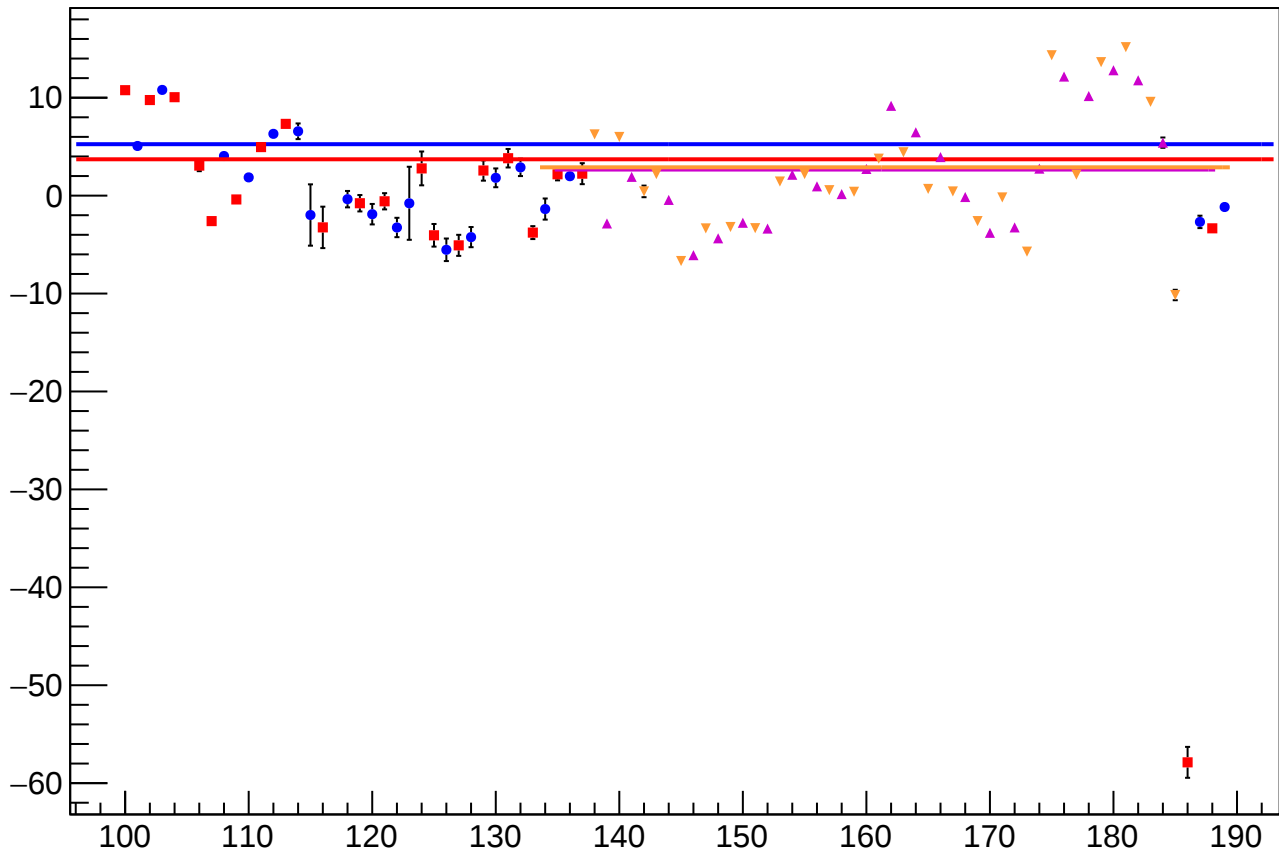
Left In: 1.673 ± 0.056 χ^2/NDF : 4106.3/22

+ sign -1.810 ± 0.038 χ^2/NDF : 23107.3/43

All: -2.119 ± 0.028 χ^2/NDF : 51308.1/87

- sign -2.462 ± 0.041 χ^2/NDF : 28064.7/43

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.253 ± 0.086 χ^2/NDF : 1979.2/18

Left Out: 2.891 ± 0.070 χ^2/NDF : 8889.4/24

Right Out: 3.711 ± 0.082 χ^2/NDF : 6546.3/20

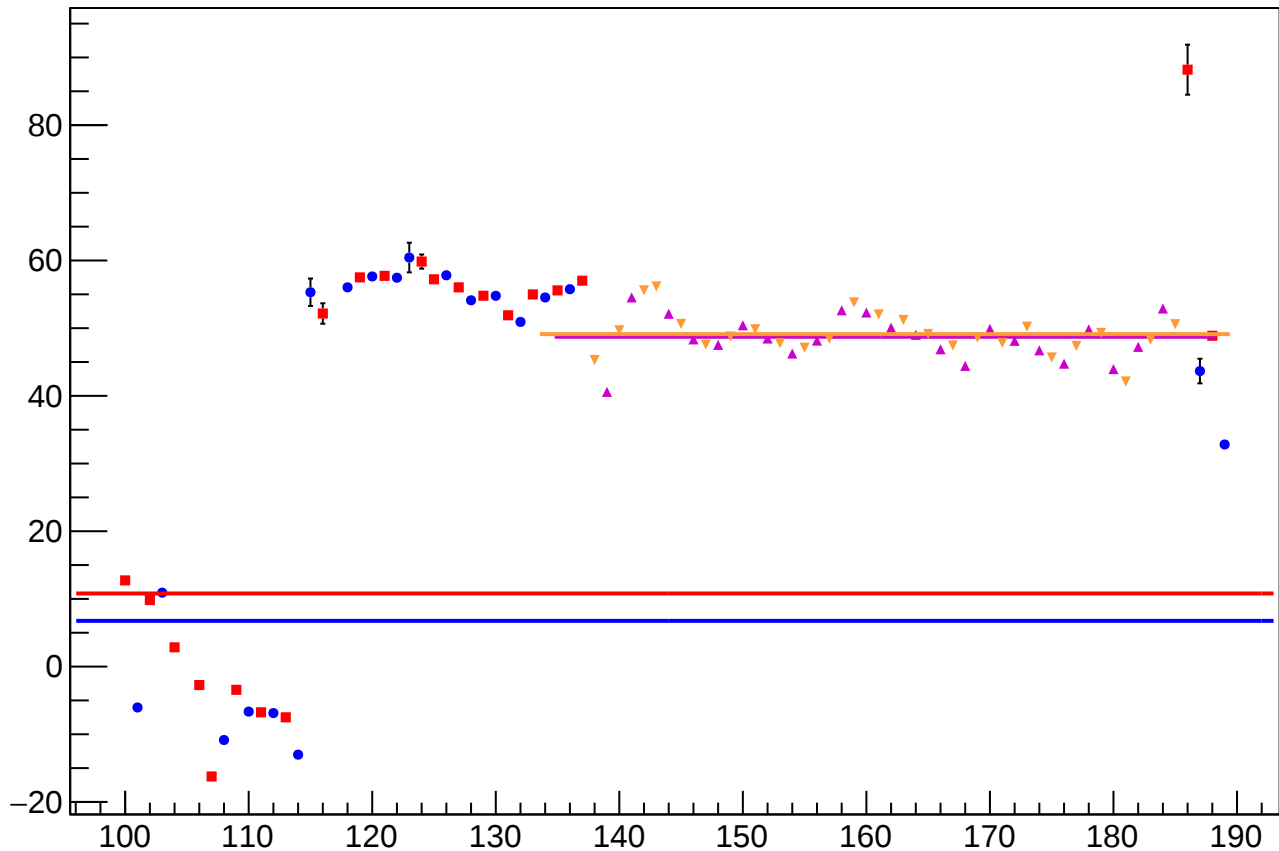
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ sign 3.838 ± 0.054 χ^2/NDF : 11320.1/43

All: 3.471 ± 0.038 χ^2/NDF : 25358.7/87

- sign 3.115 ± 0.054 χ^2/NDF : 13948.9/43

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.757 ± 0.064 χ^2/NDF : 125655.8/18

Left Out: 49.121 ± 0.062 χ^2/NDF : 2165.4/24

Right Out: 10.802 ± 0.069 χ^2/NDF : 127958.6/20

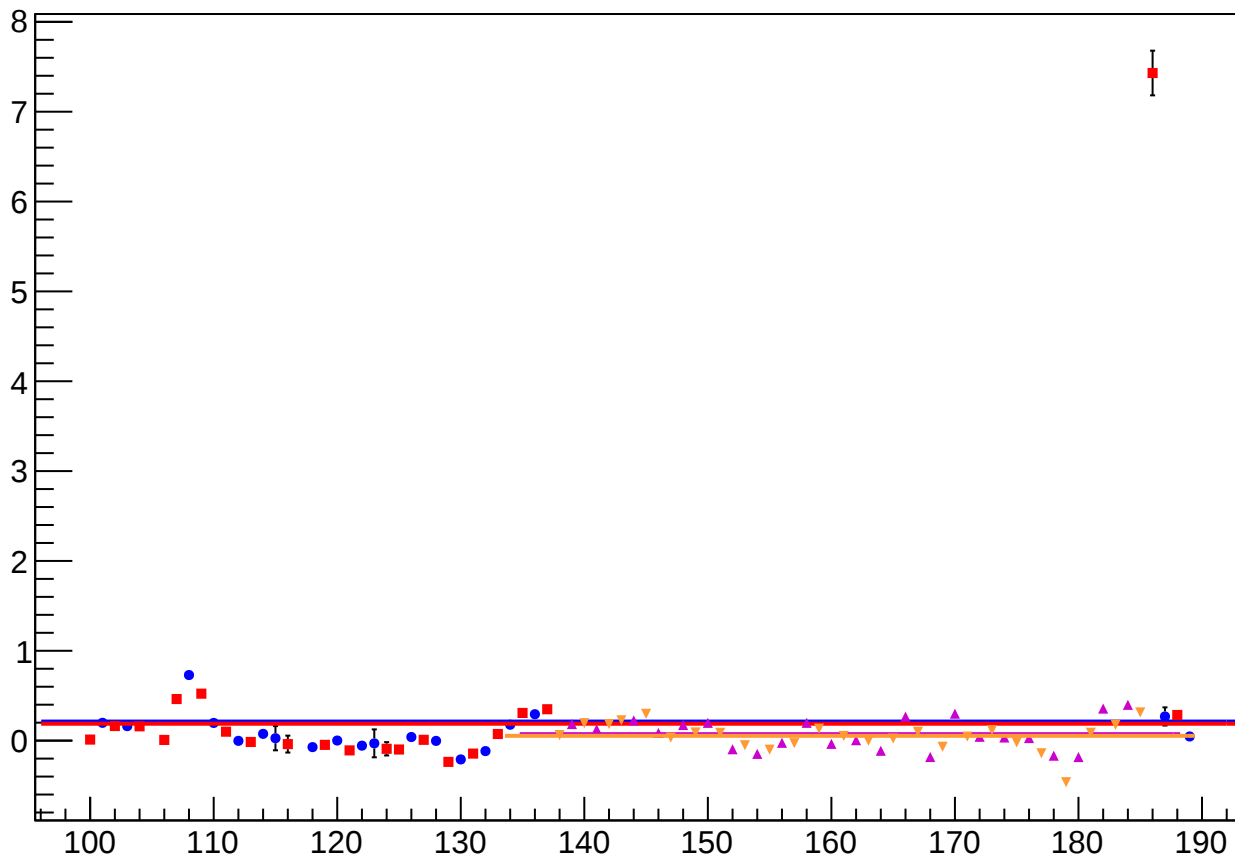
Left In: 48.731 ± 0.064 χ^2/NDF : 2117.7/22

+ sign 28.756 ± 0.045 χ^2/NDF : 353118.0/43

All: 29.988 ± 0.032 χ^2/NDF : 648051.3/87

- sign 31.344 ± 0.047 χ^2/NDF : 293329.8/43

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.212 ± 0.003 χ^2/NDF : 3993.3/18

Left Out: 0.053 ± 0.003 χ^2/NDF : 2369.3/24

Right Out: 0.188 ± 0.003 χ^2/NDF : 3587.0/20

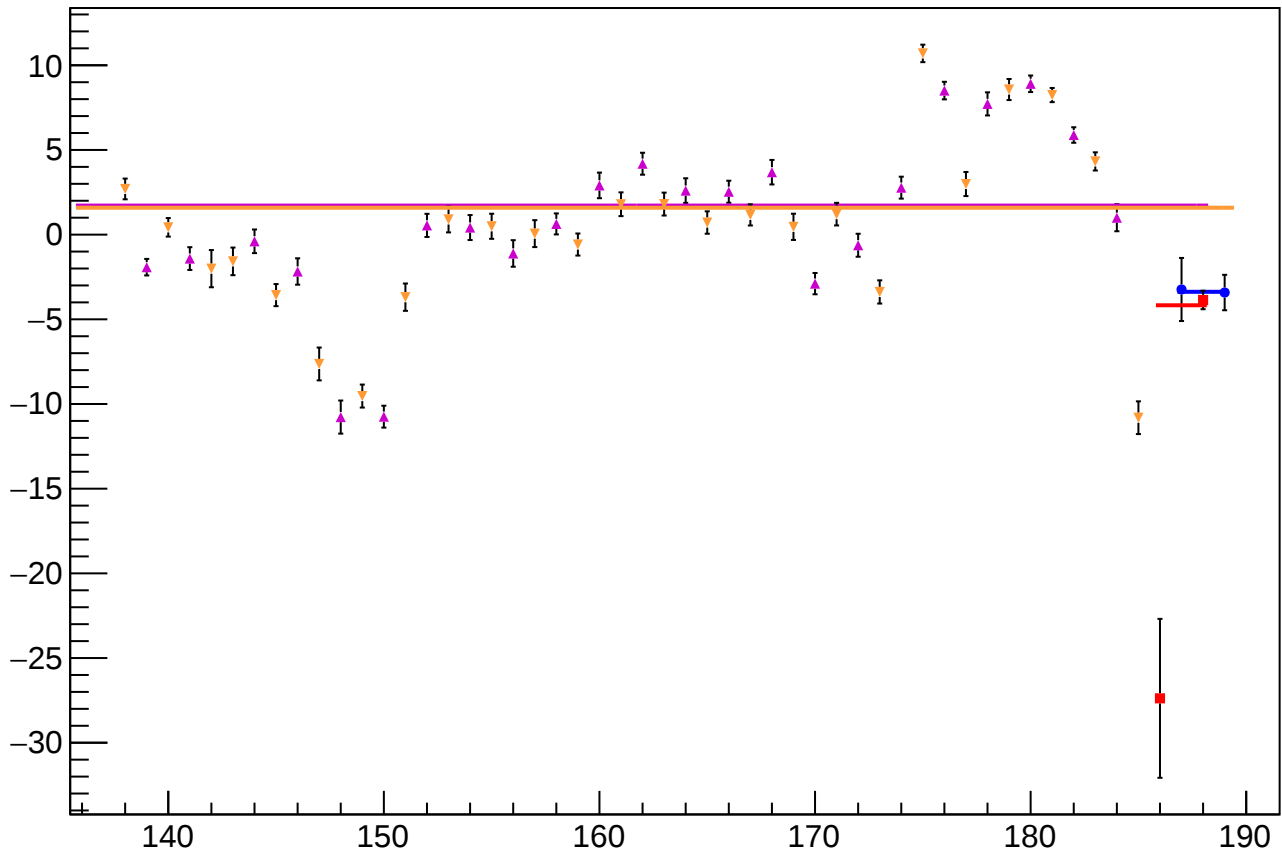
Left In: 0.072 ± 0.003 χ^2/NDF : 3272.0/22

+ sign 0.135 ± 0.002 χ^2/NDF : 7985.4/43

All: 0.134 ± 0.001 χ^2/NDF : 15732.1/87

- sign 0.134 ± 0.002 χ^2/NDF : 7746.4/43

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -3.376 ± 0.912 χ^2/NDF : 0.0/1

Left Out: 1.590 ± 0.133 χ^2/NDF : 1457.4/24

Right Out: -4.171 ± 0.541 χ^2/NDF : 24.8/1

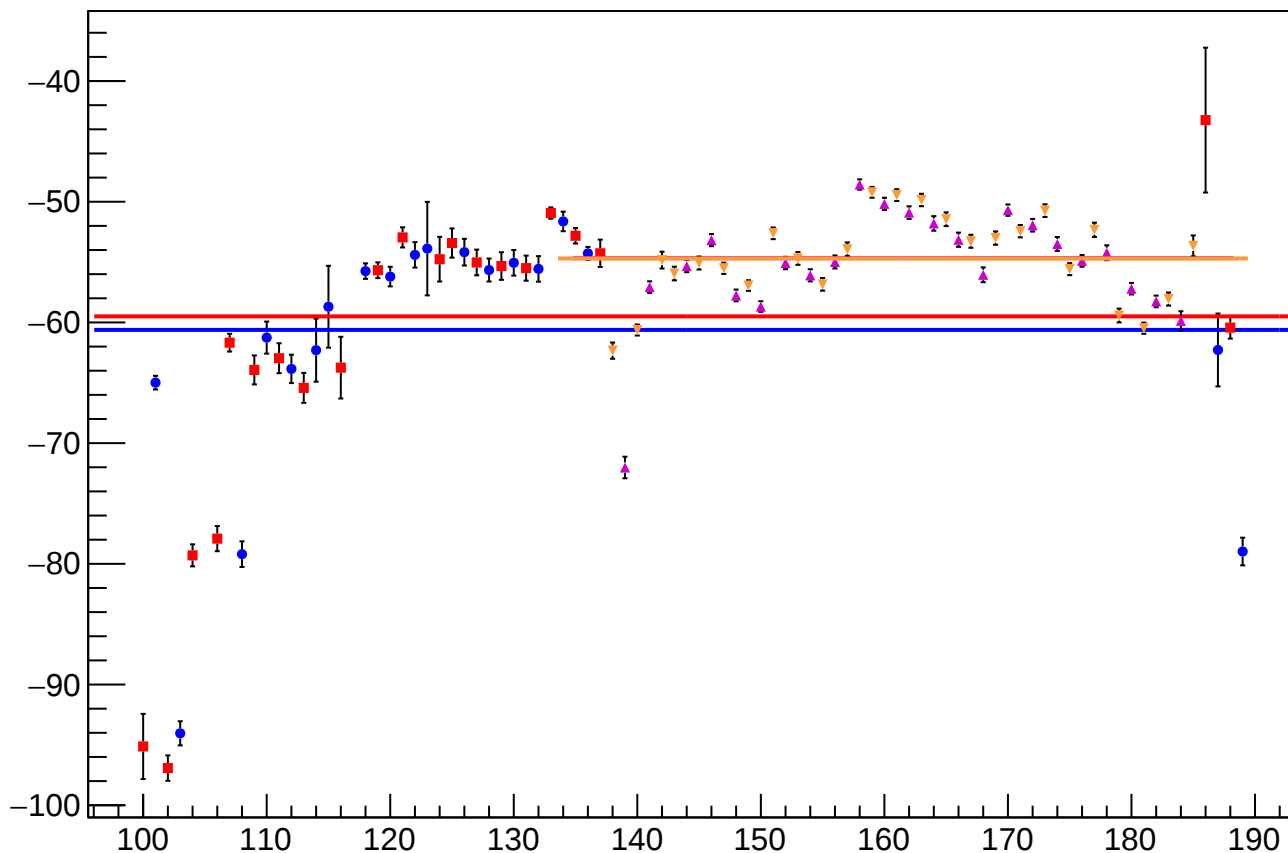
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 1.486 ± 0.132 χ^2/NDF : 1486.5/26

All: 1.430 ± 0.093 χ^2/NDF : 2936.7/51

- sign 1.374 ± 0.130 χ^2/NDF : 1449.9/24

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -60.617 ± 0.218 $\chi^2/\text{NDF}: 2245.6/18$

Left Out: -54.701 ± 0.106 $\chi^2/\text{NDF}: 1124.5/24$

Right Out: -59.498 ± 0.206 $\chi^2/\text{NDF}: 2921.1/20$

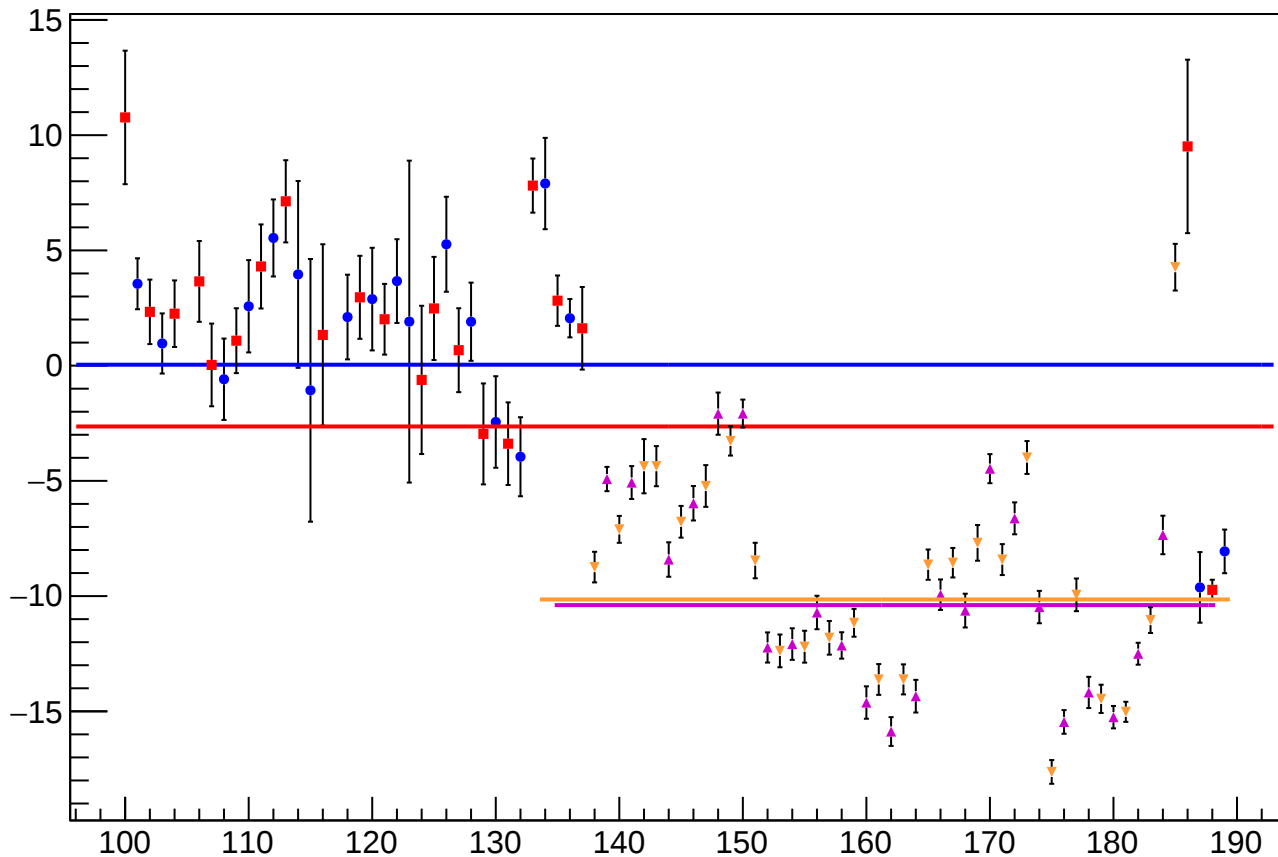
Left In: -54.677 ± 0.109 $\chi^2/\text{NDF}: 1140.6/22$

+ sign -55.829 ± 0.095 $\chi^2/\text{NDF}: 3964.2/43$

All: -55.783 ± 0.068 $\chi^2/\text{NDF}: 8452.2/87$

- sign -55.735 ± 0.097 $\chi^2/\text{NDF}: 4487.5/43$

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 0.040 $\pm$ 0.361 χ^2 /NDF: 180.3/18

Left Out: -10.146 $\pm$ 0.133 χ^2 /NDF:1051.2/24

Right Out: -2.640 $\pm$ 0.290 χ^2 /NDF: 521.1/20

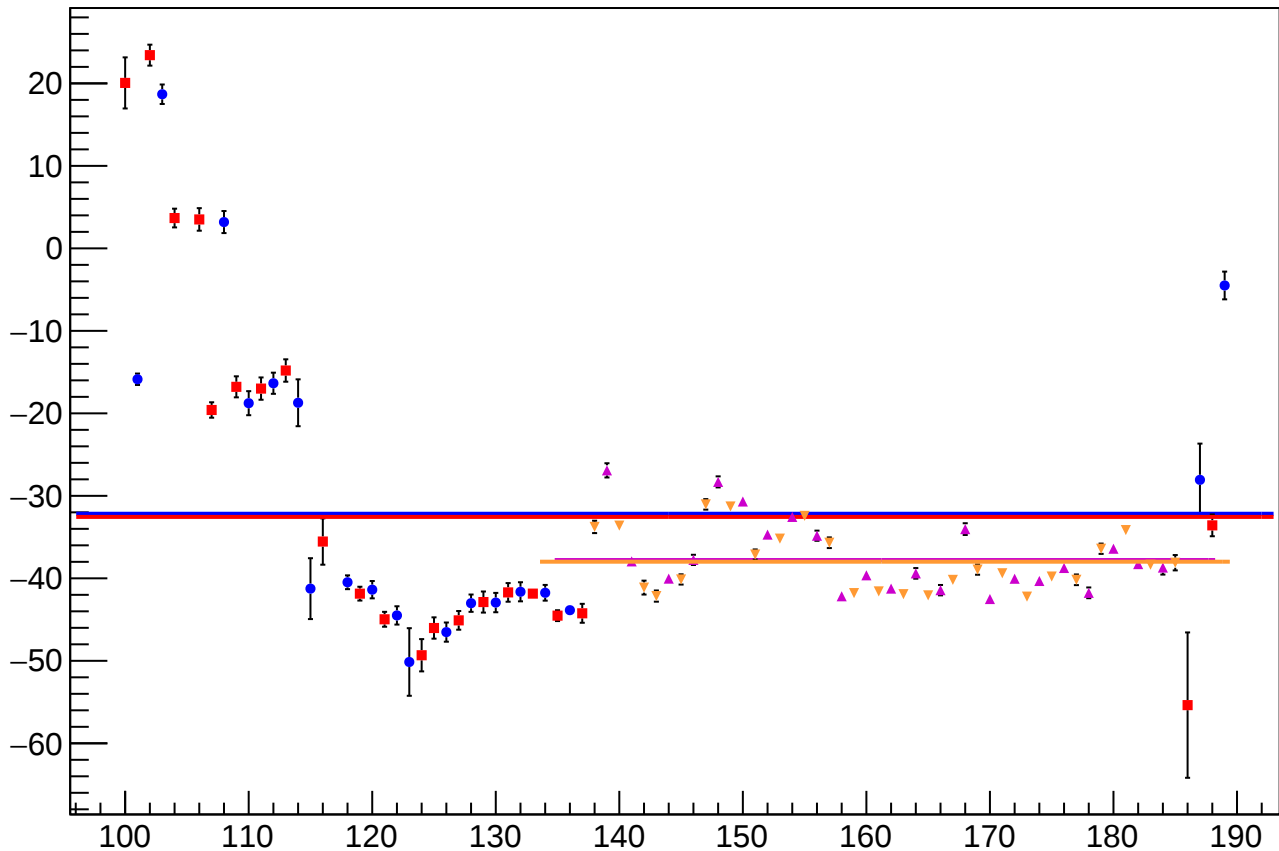
Left In: -10.391 $\pm$ 0.134 χ^2 /NDF:1024.8/22

+ sign -8.929 $\pm$ 0.125 χ^2 /NDF: 1931.8/43

All: -8.981 $\pm$ 0.087 χ^2 /NDF: 4067.0/87

- sign -9.031 $\pm$ 0.121 χ^2 /NDF: 2134.9/43

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.171 ± 0.251 $\chi^2/\text{NDF}: 4944.9/18$

Left Out: -37.983 ± 0.119 $\chi^2/\text{NDF}: 936.9/24$

Right Out: -32.554 ± 0.240 $\chi^2/\text{NDF}: 6045.2/20$

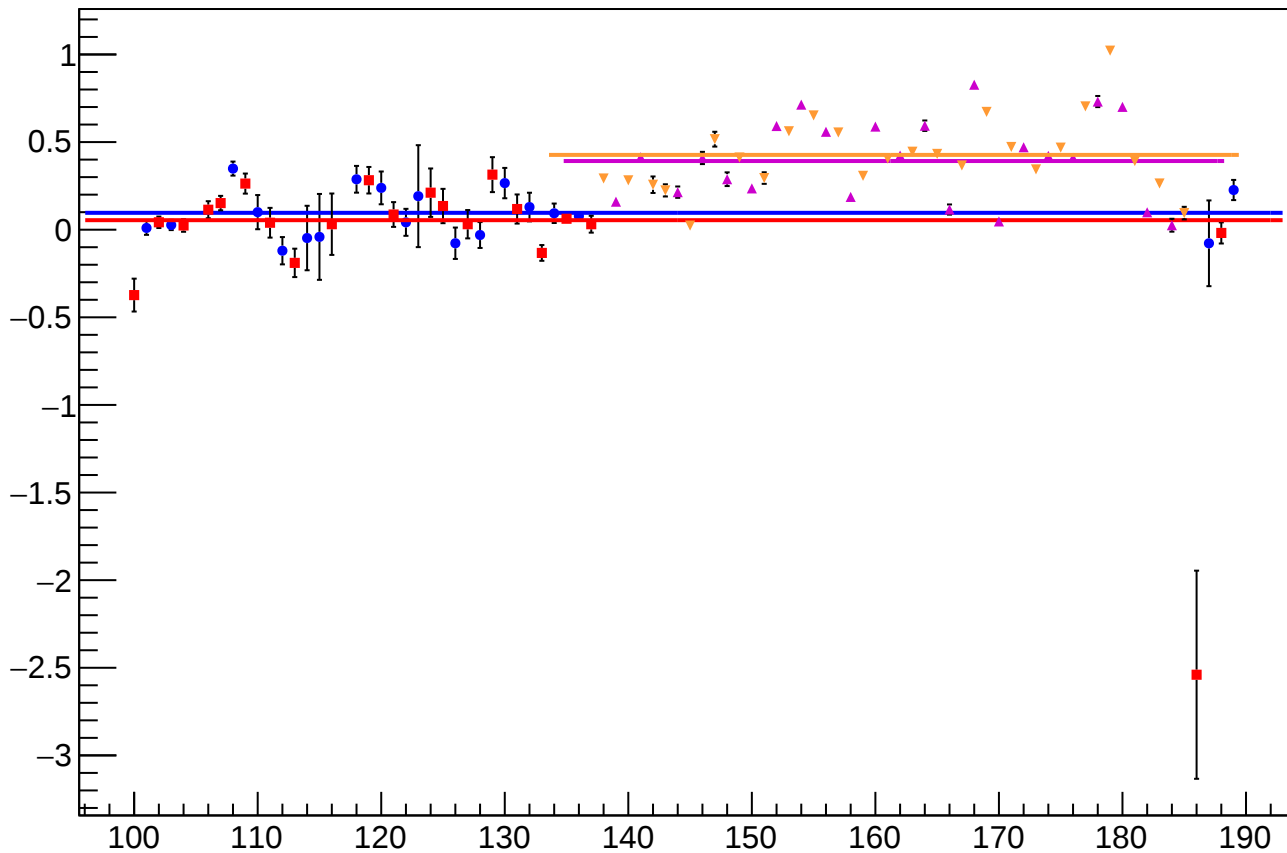
Left In: -37.784 ± 0.122 $\chi^2/\text{NDF}: 1079.7/22$

+ sign -36.915 ± 0.108 $\chi^2/\text{NDF}: 6320.4/43$

All: -36.813 ± 0.076 $\chi^2/\text{NDF}: 13825.1/87$

- sign -36.710 ± 0.109 $\chi^2/\text{NDF}: 7502.9/43$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.096 $\pm$ 0.012 χ^2 /NDF: 85.1/18

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

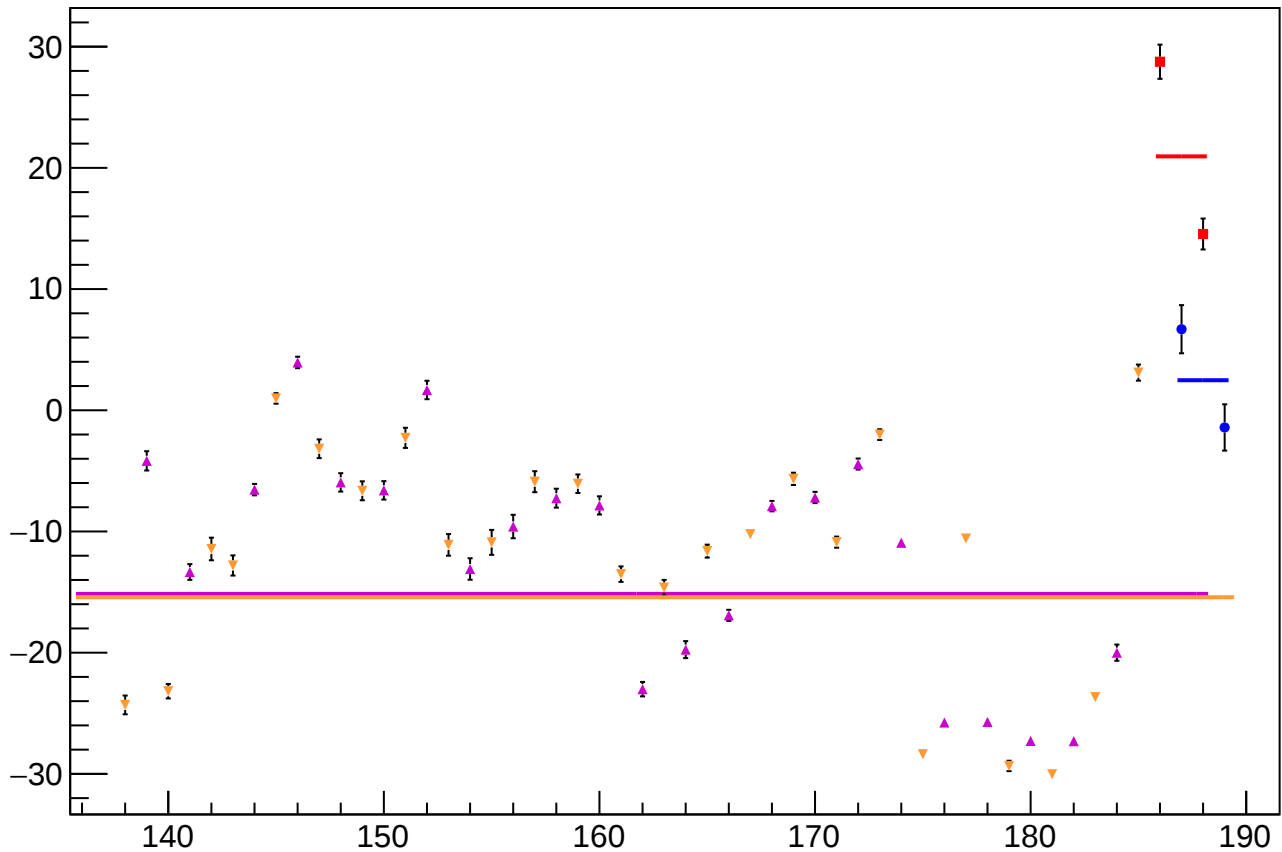
Left In: 0.392 $\pm$ 0.005 χ^2 /NDF: 1835.6/22

+ sign 0.374 $\pm$ 0.005 χ^2 /NDF: 1976.1/43

All: 0.354 $\pm$ 0.003 χ^2 /NDF: 4620.5/87

- sign 0.335 $\pm$ 0.005 χ^2 /NDF: 2611.6/43

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 2.479 ± 1.377 χ^2/NDF : 8.6/1

Left Out: -15.427 ± 0.105 χ^2/NDF : 10499.6/24

Right Out: 20.948 ± 0.946 χ^2/NDF : 55.9/1

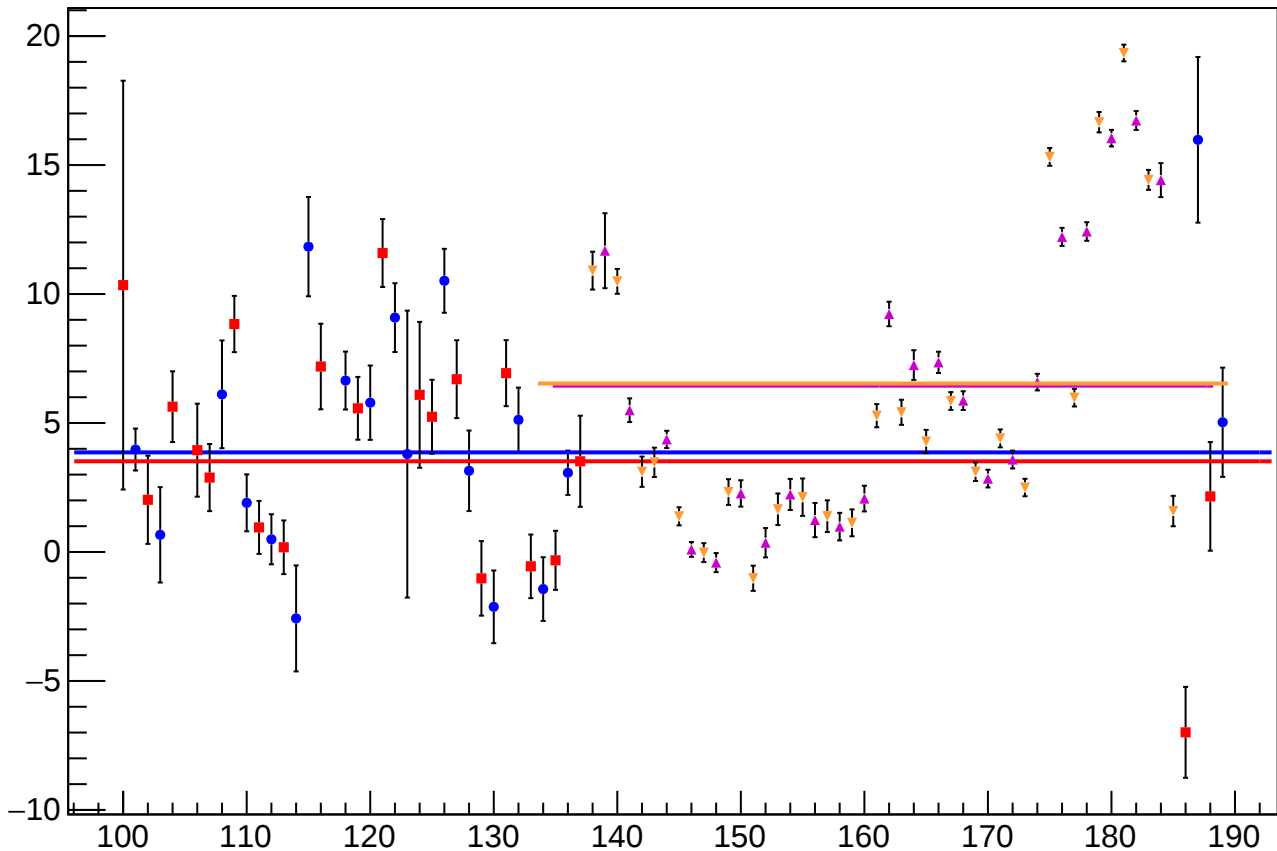
Left In: -15.151 ± 0.106 χ^2/NDF : 8744.3/22

+ sign -15.323 ± 0.105 χ^2/NDF : 10676.3/26

All: -15.014 ± 0.074 χ^2/NDF : 20931.5/51

- sign -14.702 ± 0.106 χ^2/NDF : 10237.8/24

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.861 ± 0.304 $\chi^2/\text{NDF}: 151.5/18$

Left Out: 6.531 ± 0.086 $\chi^2/\text{NDF}: 4969.5/24$

Right Out: 3.516 ± 0.308 $\chi^2/\text{NDF}: 171.7/20$

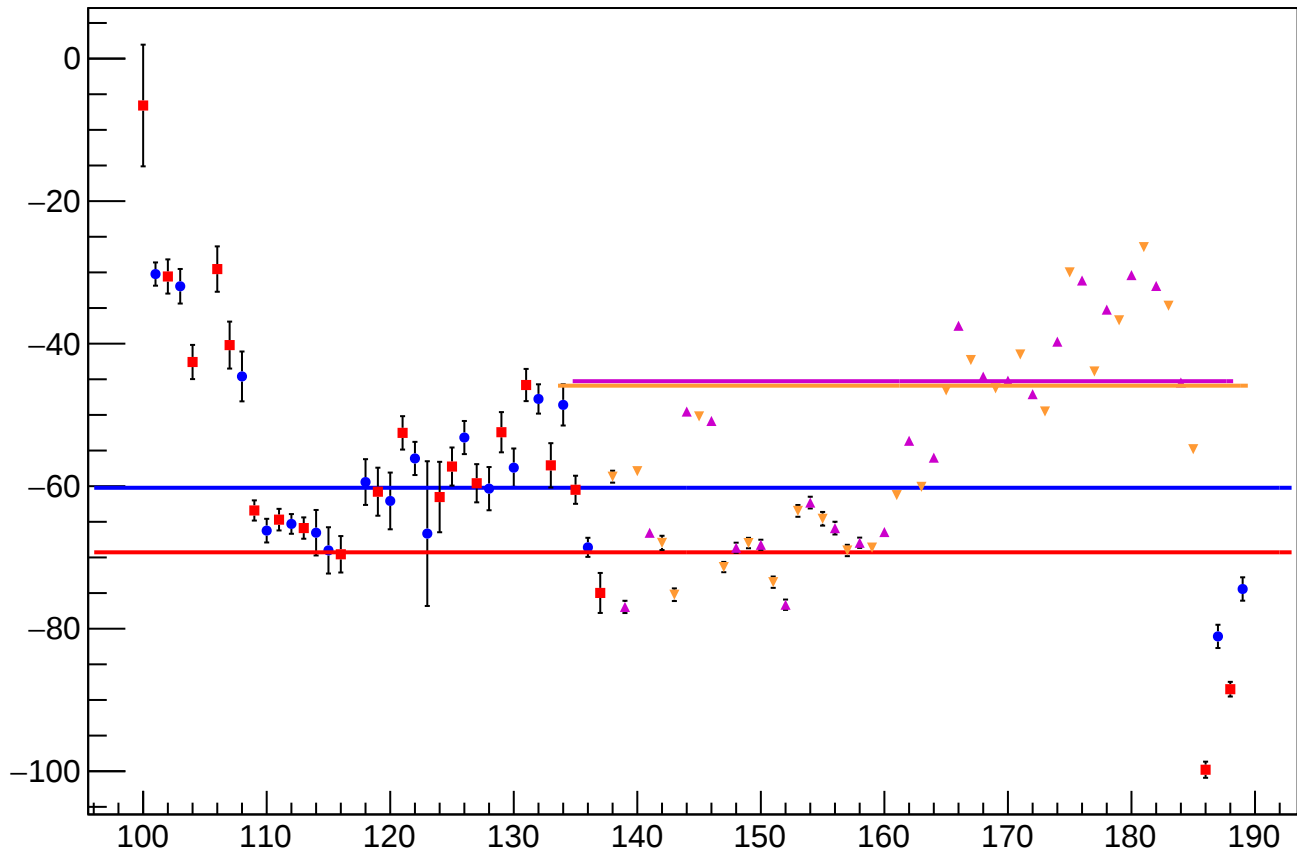
Left In: 6.448 ± 0.086 $\chi^2/\text{NDF}: 3955.6/22$

+ sign 6.335 ± 0.082 $\chi^2/\text{NDF}: 5192.5/43$

All: 6.286 ± 0.058 $\chi^2/\text{NDF}: 9404.7/87$

- sign 6.237 ± 0.083 $\chi^2/\text{NDF}: 4211.5/43$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -60.224 $\pm$ 0.491 χ^2 /NDF: 875.7/18

Left Out: -45.897 $\pm$ 0.106 χ^2 /NDF: 17133.8/24

Right Out: -69.280 $\pm$ 0.438 χ^2 /NDF: 2052.7/20

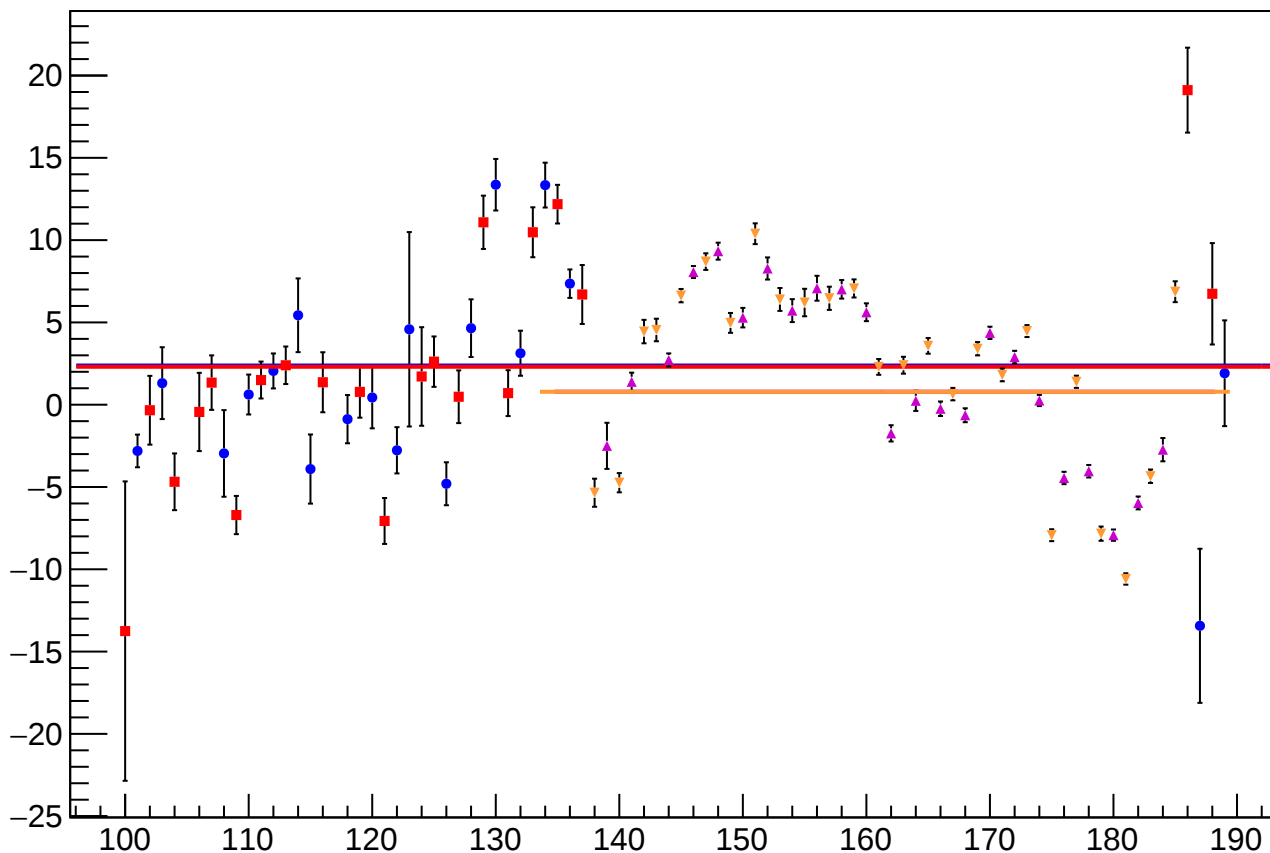
Left In: -45.268 $\pm$ 0.107 χ^2 /NDF: 15775.7/22

+ sign -46.540 $\pm$ 0.104 χ^2 /NDF: 18823.5/43

All: -46.576 $\pm$ 0.073 χ^2 /NDF: 39484.8/87

- sign -46.613 $\pm$ 0.104 χ^2 /NDF: 20661.1/43

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.381 $\pm$ 0.343 χ^2 /NDF: 255.1/18

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

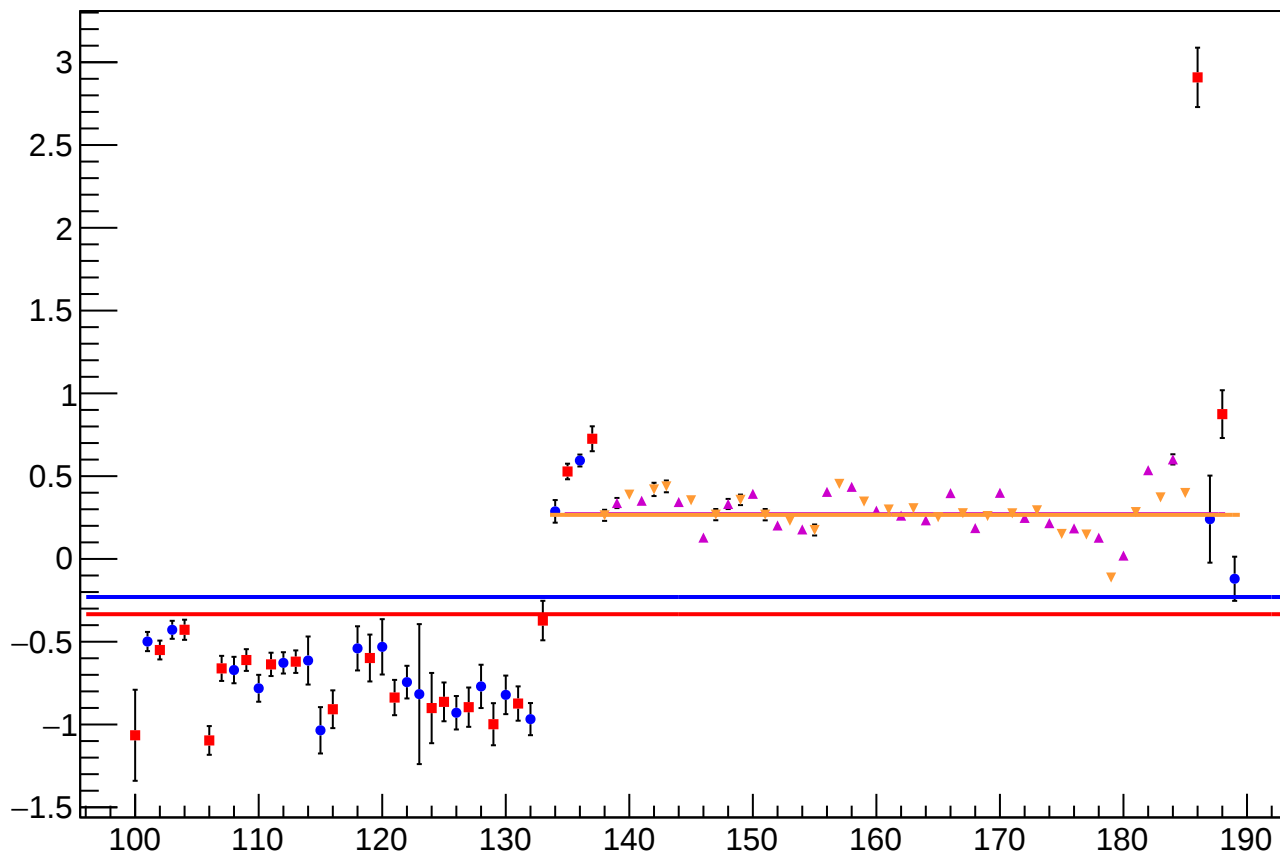
Left In: 0.791 $\pm$ 0.096 χ^2 /NDF: 2697.7/22

+ sign 0.902 $\pm$ 0.092 χ^2 /NDF: 4021.9/43

All: 0.900 $\pm$ 0.065 χ^2 /NDF: 7049.3/87

- sign 0.898 $\pm$ 0.093 χ^2 /NDF: 3027.4/43

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.230 ± 0.019 χ^2/NDF : 962.4/18

Left Out: 0.266 ± 0.004 χ^2/NDF : 698.1/24

Right Out: -0.334 ± 0.019 χ^2/NDF : 1259.2/20

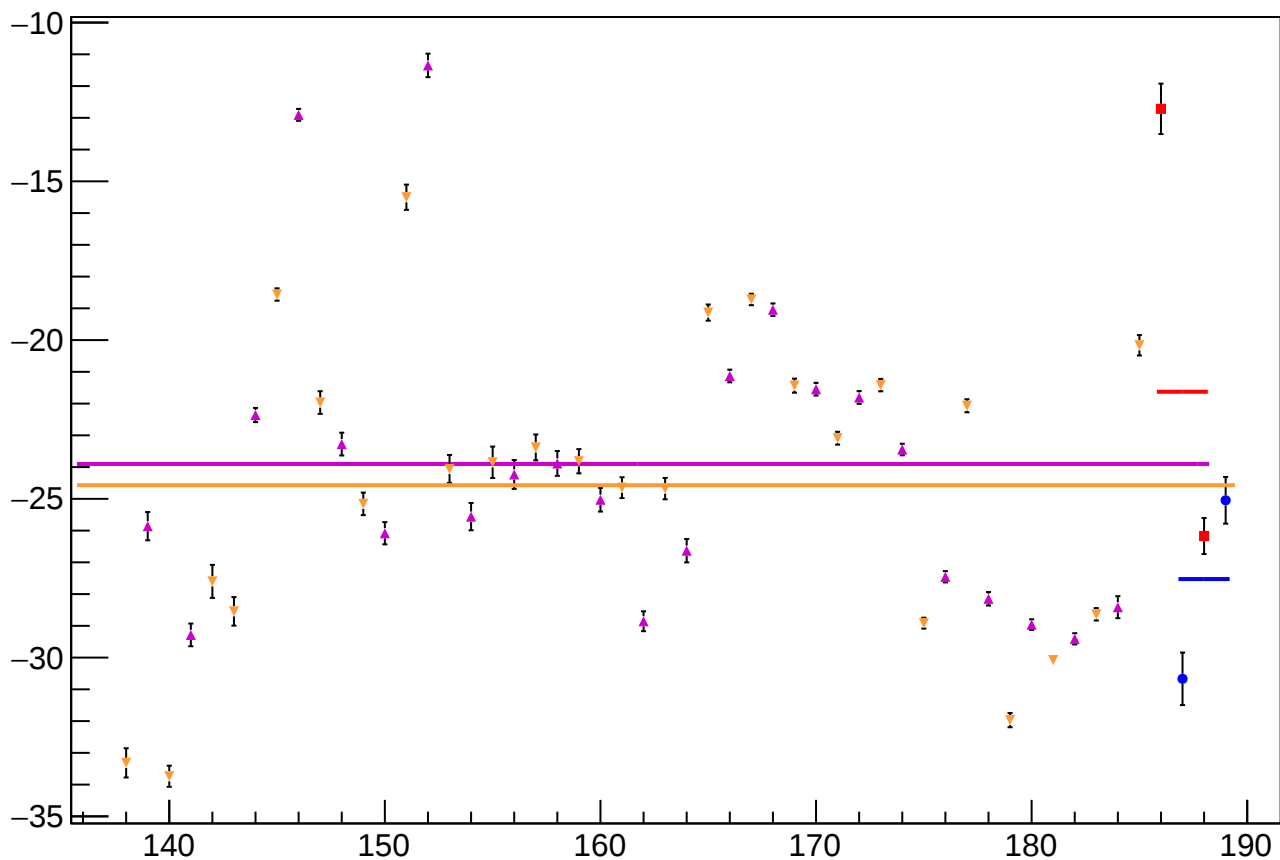
Left In: 0.270 ± 0.004 χ^2/NDF : 973.5/22

+ sign 0.241 ± 0.004 χ^2/NDF : 2332.7/43

All: 0.240 ± 0.003 χ^2/NDF : 5555.2/87

- sign 0.239 ± 0.004 χ^2/NDF : 3222.4/43

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -27.526 ± 0.550 χ^2/NDF : 25.8/1

Left Out: -24.571 ± 0.051 χ^2/NDF : 8610.0/24

Right Out: -21.626 ± 0.461 χ^2/NDF : 190.3/1

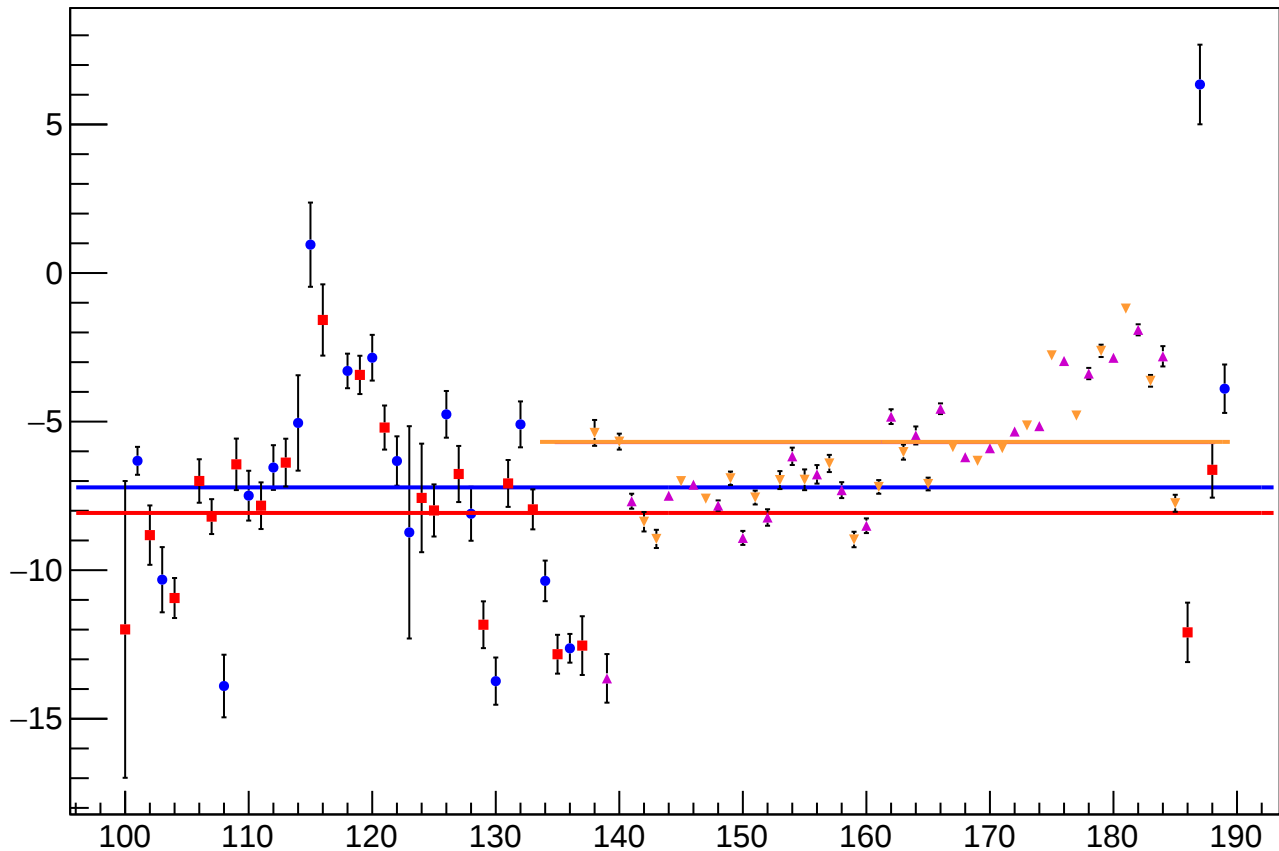
Left In: -23.902 ± 0.051 χ^2/NDF : 9158.9/22

+ sign -24.596 ± 0.051 χ^2/NDF : 8664.4/26

All: -24.234 ± 0.036 χ^2/NDF : 18139.1/51

- sign -23.875 ± 0.051 χ^2/NDF : 9373.3/24

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.214 ± 0.179 χ^2/NDF : 518.0/18

Left Out: -5.683 ± 0.041 χ^2/NDF : 2231.0/24

Right Out: -8.074 ± 0.179 χ^2/NDF : 244.2/20

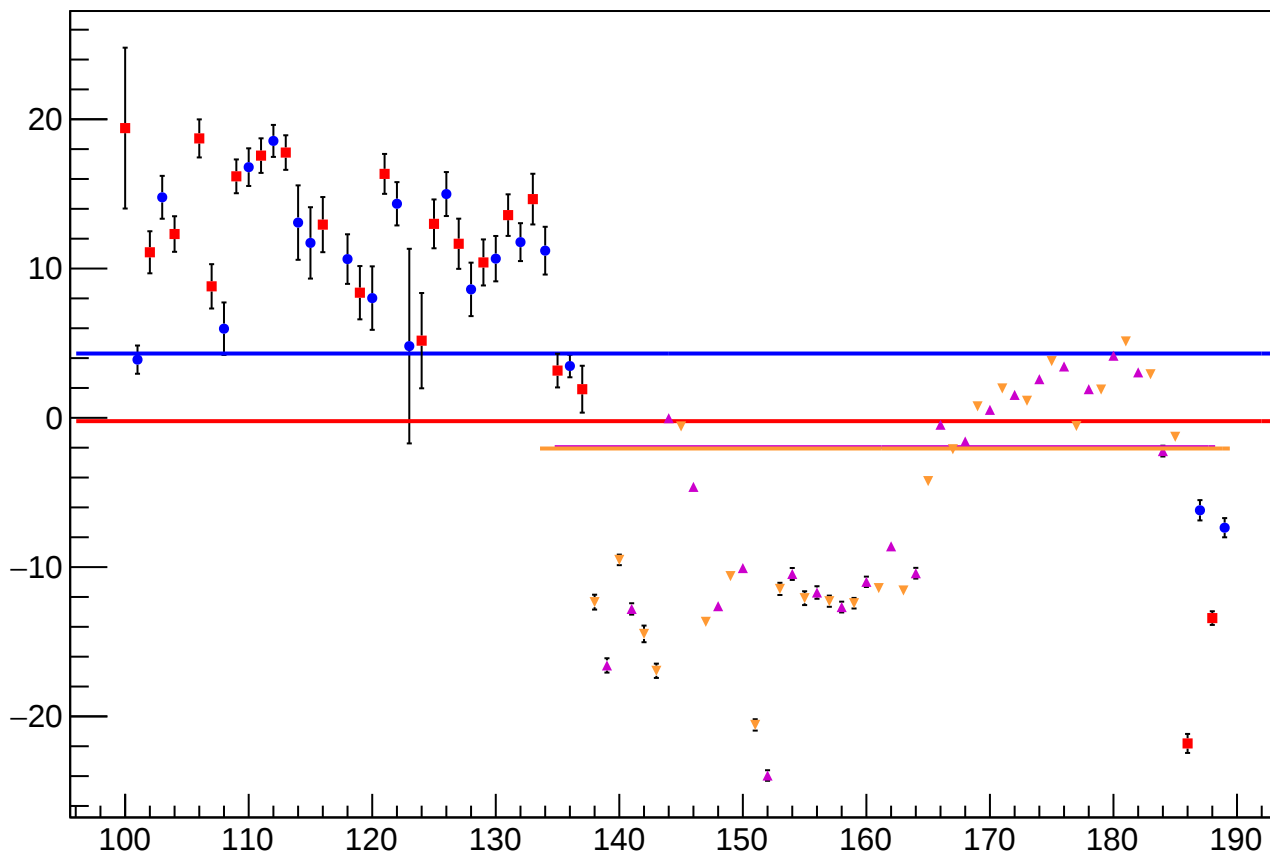
Left In: -5.690 ± 0.041 χ^2/NDF : 2328.2/22

+ sign -5.759 ± 0.040 χ^2/NDF : 2818.2/43

All: -5.783 ± 0.028 χ^2/NDF : 5559.5/87

- sign -5.806 ± 0.040 χ^2/NDF : 2740.6/43

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 4.307 ± 0.273 $\chi^2/\text{NDF}: 1113.4/18$

Left Out: -2.055 ± 0.051 $\chi^2/\text{NDF}: 16042.5/24$

Right Out: -0.223 ± 0.248 $\chi^2/\text{NDF}: 3692.1/20$

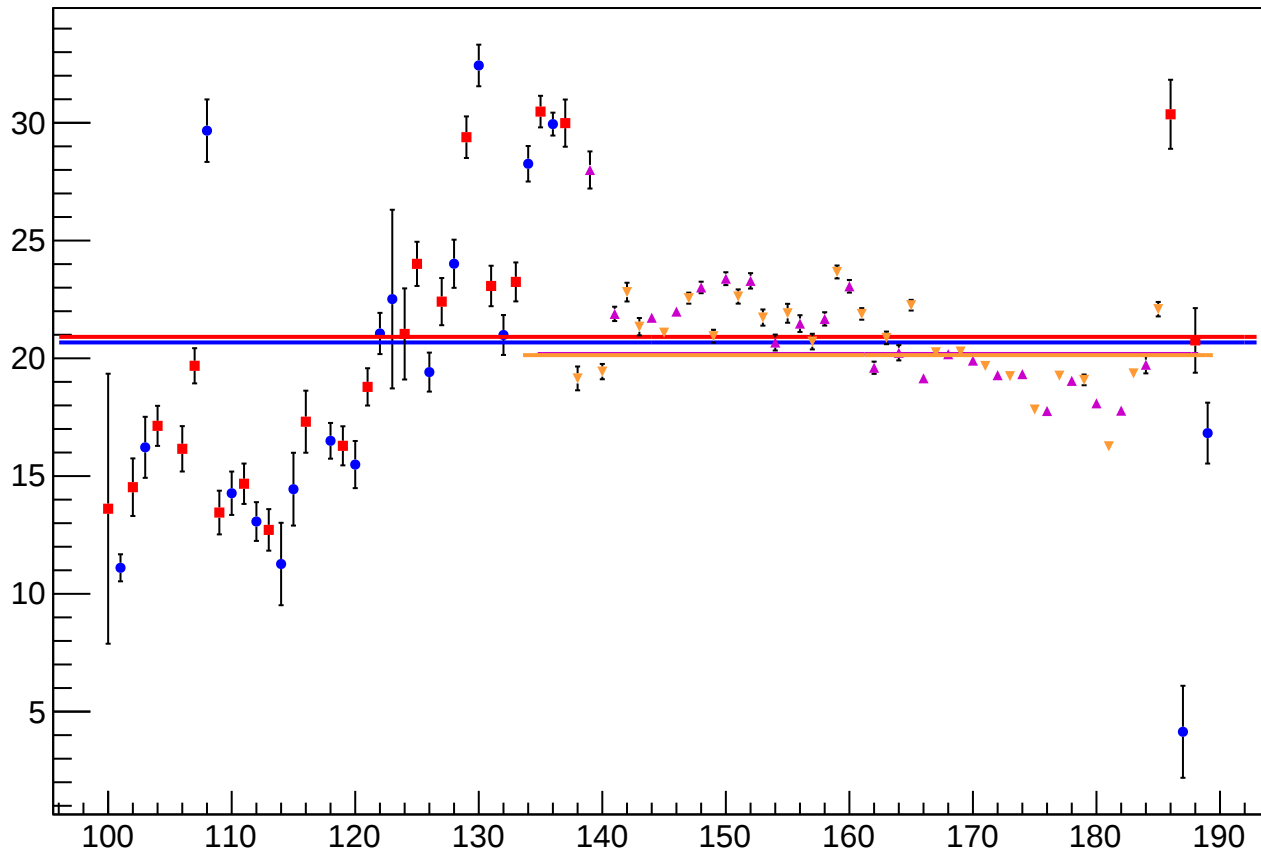
Left In: -1.963 ± 0.051 $\chi^2/\text{NDF}: 15492.9/22$

+ sign -1.837 ± 0.051 $\chi^2/\text{NDF}: 17679.5/43$

All: -1.865 ± 0.036 $\chi^2/\text{NDF}: 36912.4/87$

- sign -1.892 ± 0.050 $\chi^2/\text{NDF}: 19232.3/43$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.674 $\pm$ 0.206 χ^2 /NDF: 1307.9/18

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

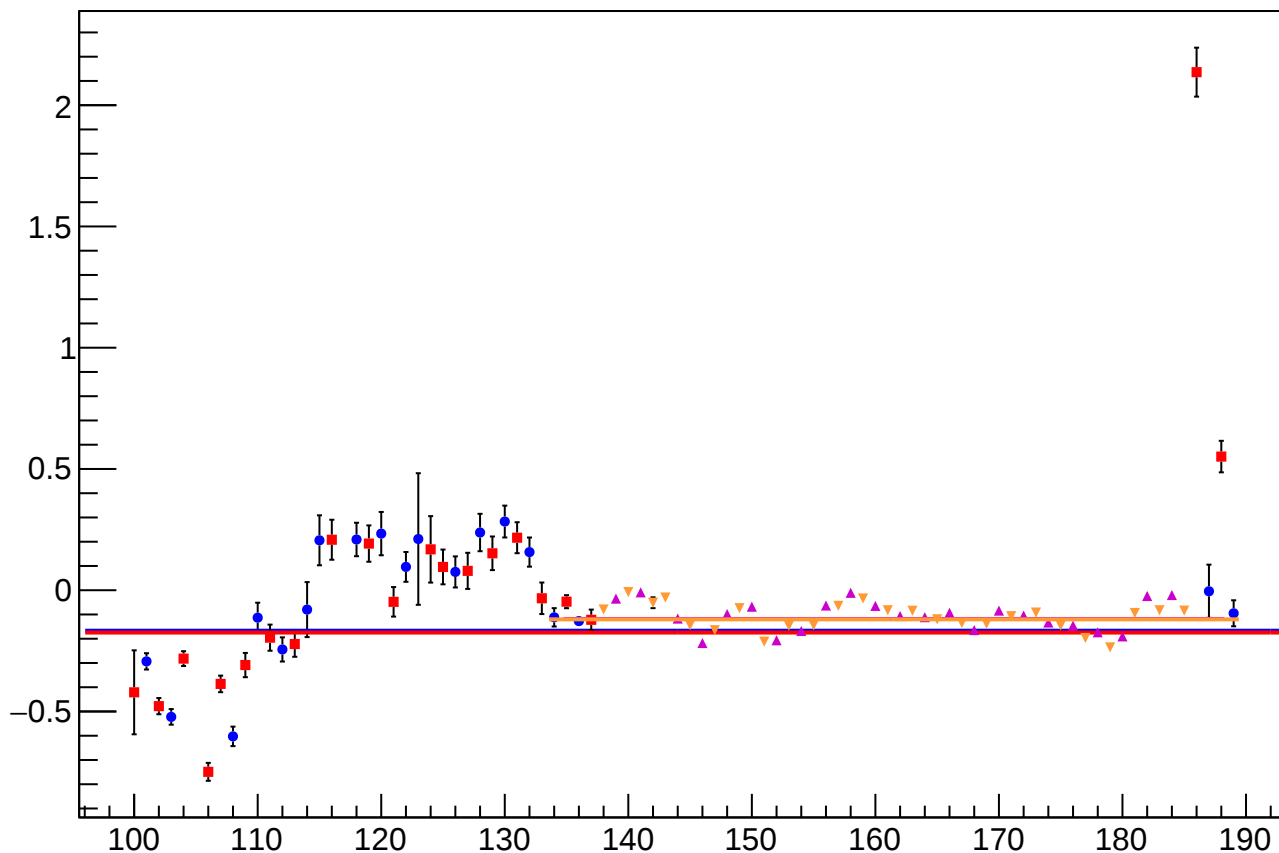
Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

+ sign 20.162 $\pm$ 0.045 χ^2 /NDF: 2728.7/43

All: 20.190 $\pm$ 0.032 χ^2 /NDF: 4984.1/87

- sign 20.218 $\pm$ 0.045 χ^2 /NDF: 2254.6/43

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.167 ± 0.011 χ^2/NDF : 468.4/18

Left Out: -0.120 ± 0.002 χ^2/NDF : 532.4/24

Right Out: -0.175 ± 0.011 χ^2/NDF : 1203.7/20

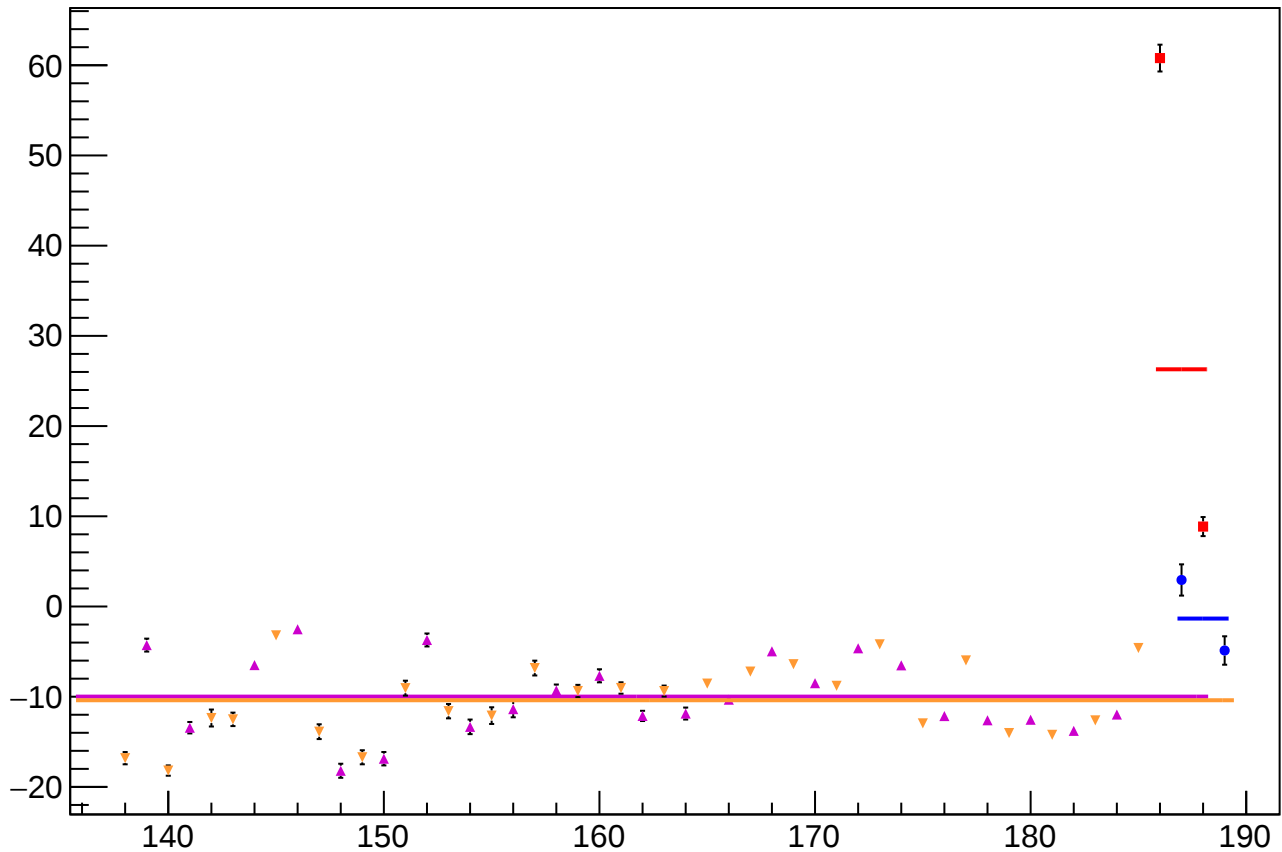
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.122 ± 0.002 χ^2/NDF : 1018.6/43

All: -0.121 ± 0.001 χ^2/NDF : 2976.3/87

- sign -0.121 ± 0.002 χ^2/NDF : 1957.5/43

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -1.338 ± 1.166 χ^2/NDF : 11.1/1

Left Out: -10.392 ± 0.088 χ^2/NDF : 2112.5/24

Right Out: 26.294 ± 0.861 χ^2/NDF : 810.7/1

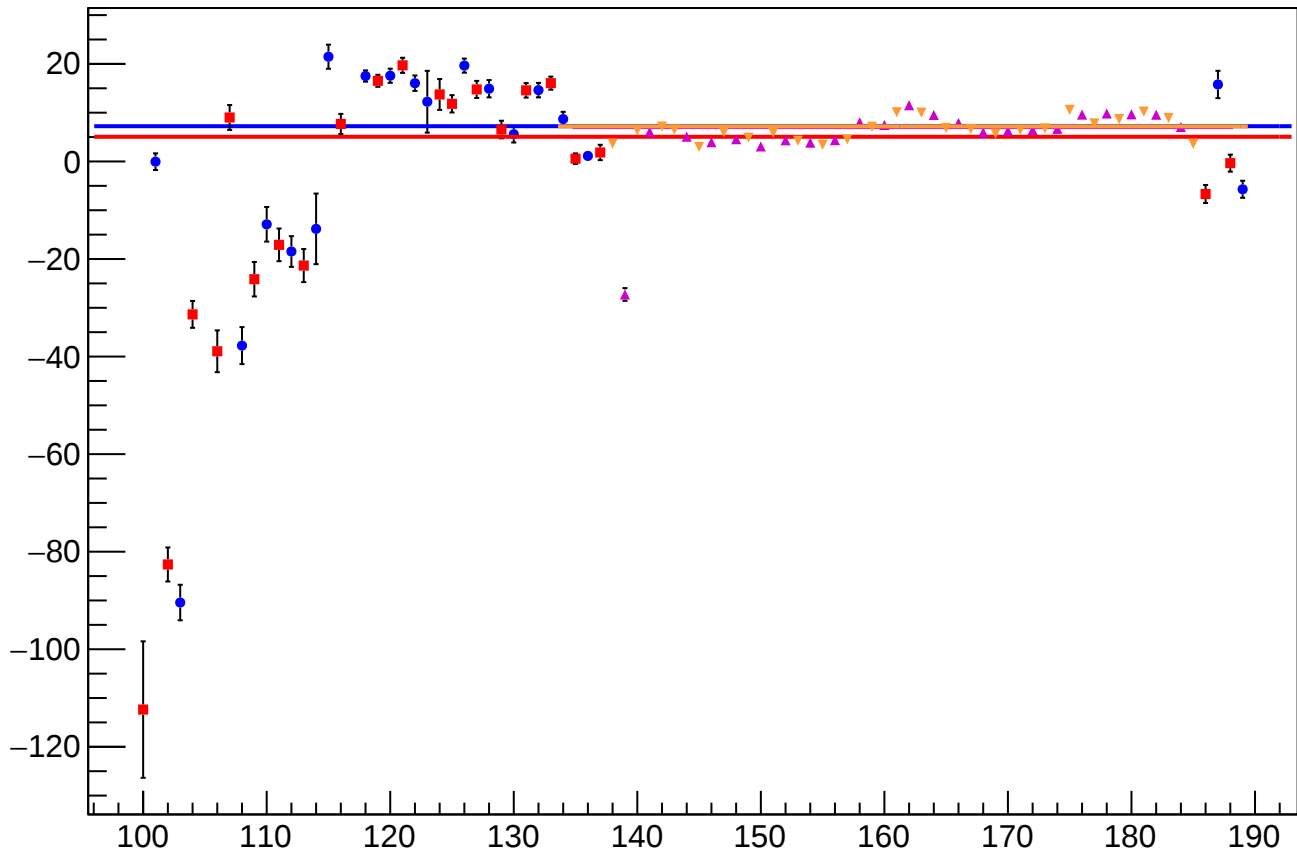
Left In: -9.990 ± 0.089 χ^2/NDF : 1794.2/22

+ sign -10.341 ± 0.088 χ^2/NDF : 2183.6/26

All: -9.977 ± 0.062 χ^2/NDF : 6579.1/51

- sign -9.605 ± 0.089 χ^2/NDF : 4360.7/24

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.227 ± 0.389 χ^2/NDF : 1424.1/18

Left Out: 7.187 ± 0.074 χ^2/NDF : 916.3/24

Right Out: 5.058 ± 0.411 χ^2/NDF : 1567.1/20

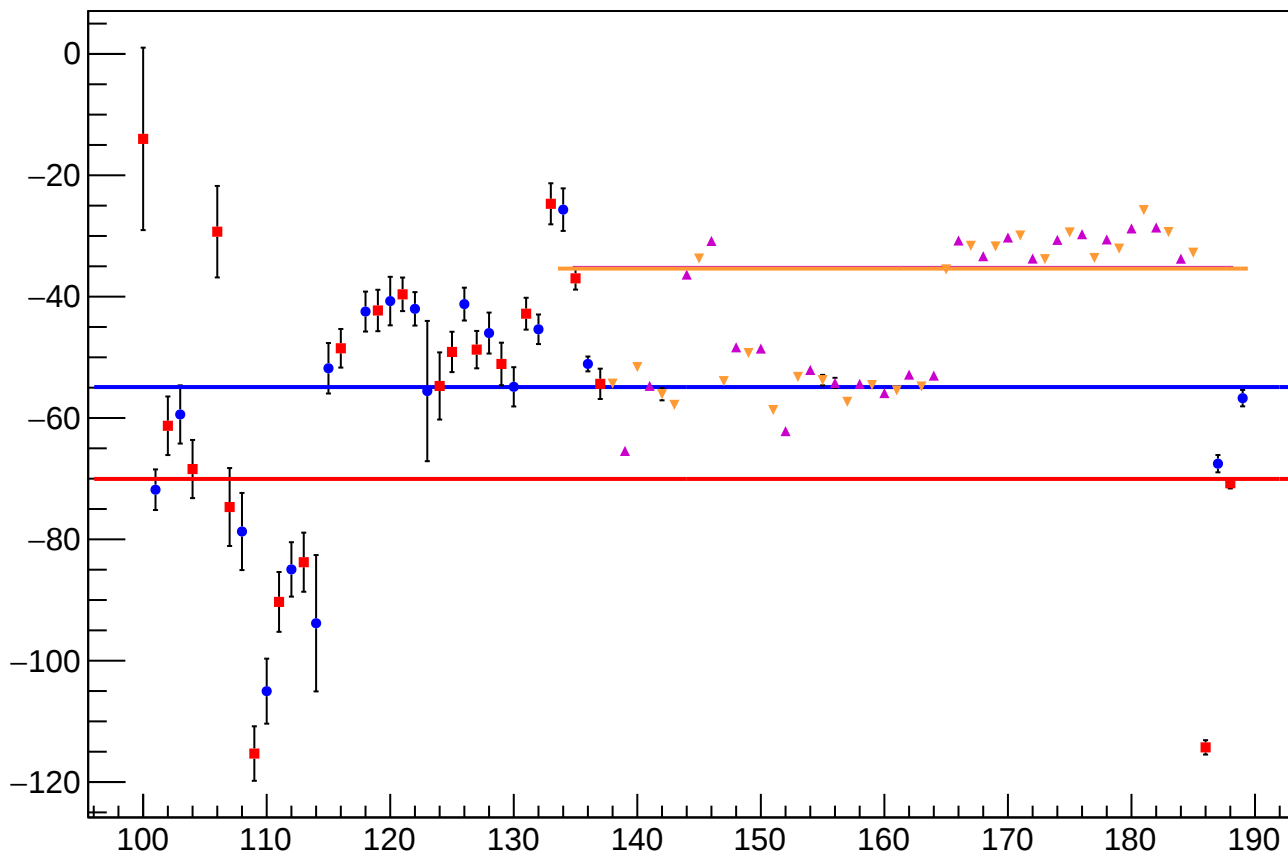
Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

+ sign 7.188 ± 0.072 χ^2/NDF : 2340.4/43

All: 7.085 ± 0.051 χ^2/NDF : 5538.7/87

- sign 6.981 ± 0.073 χ^2/NDF : 3194.2/43

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -54.902 ± 0.589 χ^2/NDF : 441.6/18

Left Out: -35.377 ± 0.089 χ^2/NDF : 12628.3/24

Right Out: -70.042 ± 0.523 χ^2/NDF : 2561.8/20

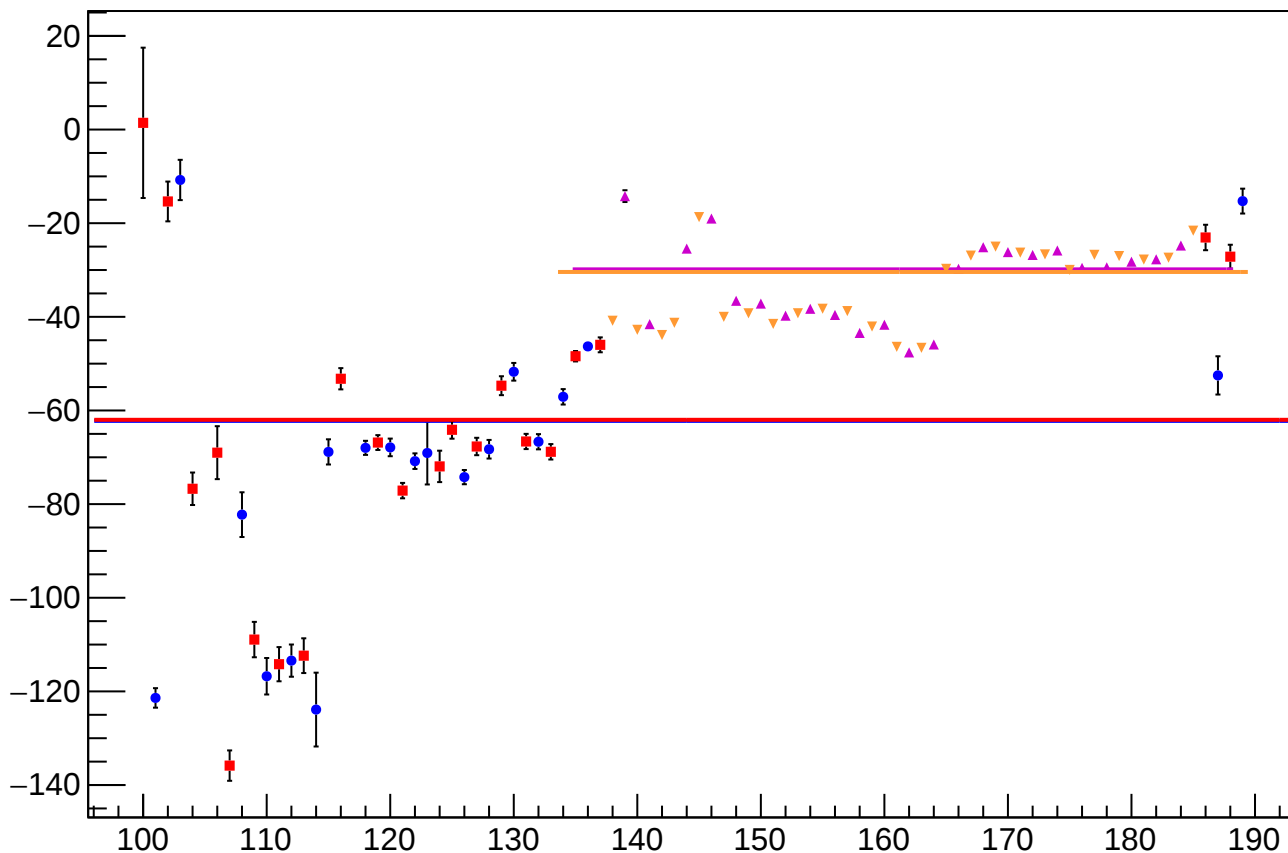
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.813 ± 0.088 χ^2/NDF : 14143.3/43

All: -36.033 ± 0.062 χ^2/NDF : 32782.8/87

- sign -36.255 ± 0.088 χ^2/NDF : 18627.0/43

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -62.222 $\pm$ 0.437 χ^2 /NDF: 2342.8/18

Left Out: -30.415 $\pm$ 0.082 χ^2 /NDF: 8132.2/24

Right Out: -61.994 $\pm$ 0.467 χ^2 /NDF: 2025.4/20

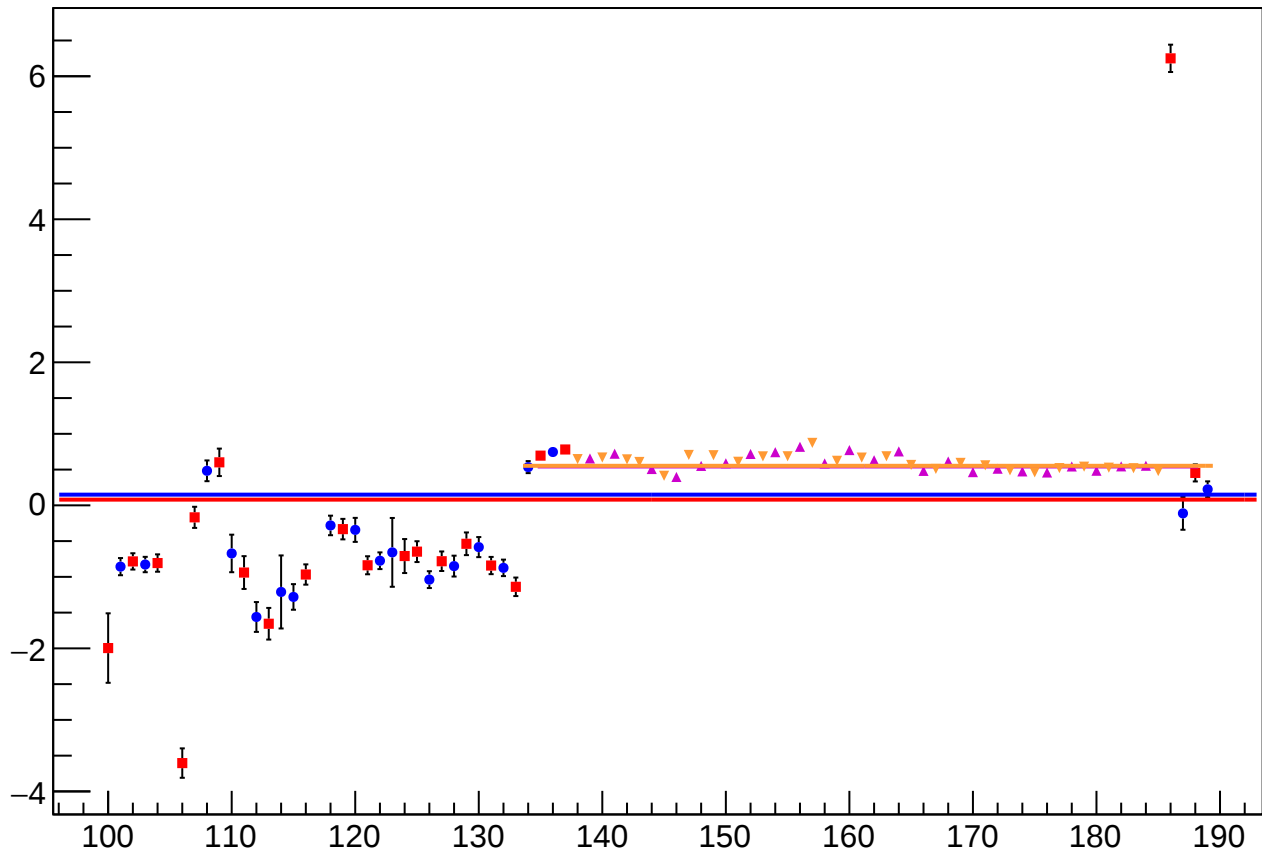
Left In: -29.863 $\pm$ 0.082 χ^2 /NDF: 7145.9/22

+ sign -31.488 $\pm$ 0.080 χ^2 /NDF: 15600.4/43

All: -31.162 $\pm$ 0.057 χ^2 /NDF: 29395.8/87

- sign -30.830 $\pm$ 0.081 χ^2 /NDF: 13762.0/43

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.150 ± 0.023 χ^2/NDF : 991.7/18

Left Out: 0.553 ± 0.004 χ^2/NDF : 542.9/24

Right Out: 0.080 ± 0.025 χ^2/NDF : 2245.6/20

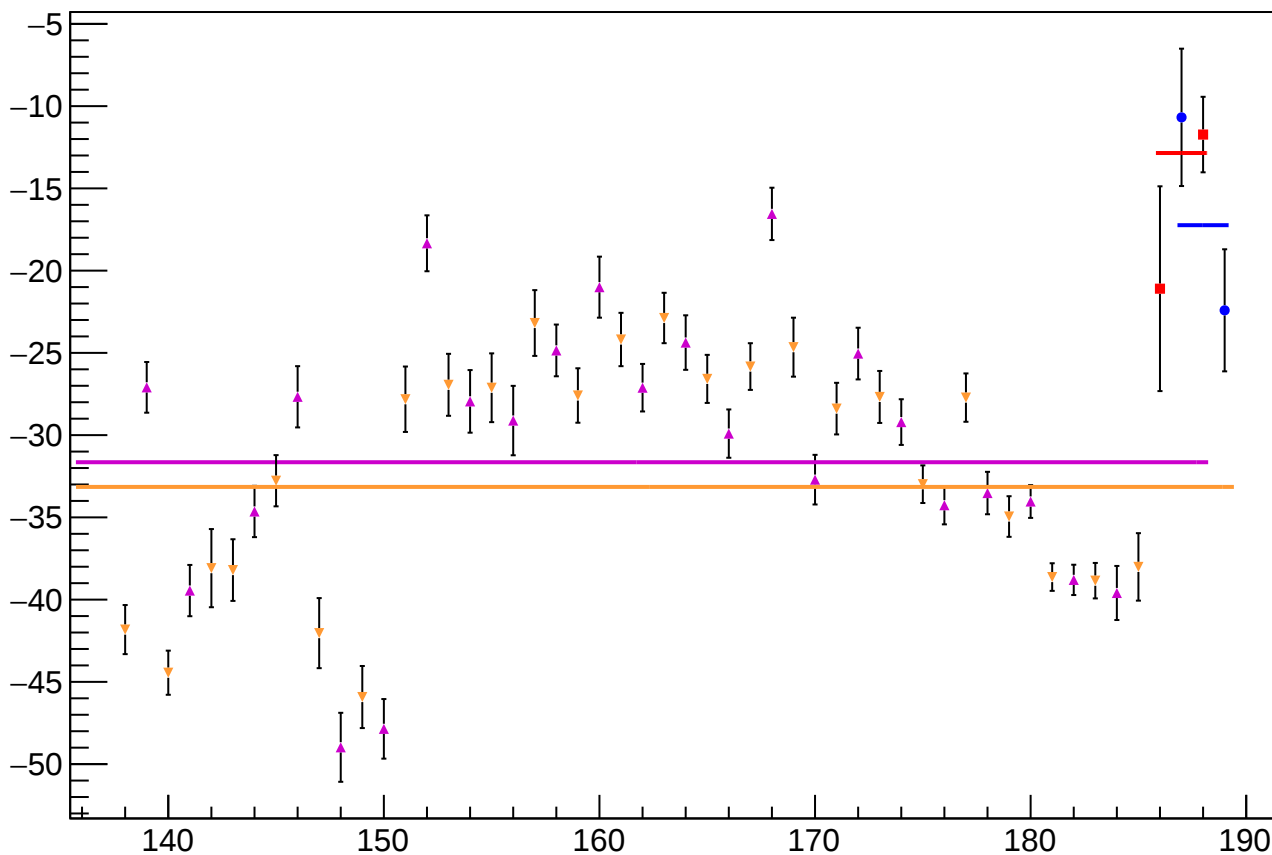
Left In: 0.544 ± 0.004 χ^2/NDF : 659.2/22

+ sign 0.543 ± 0.004 χ^2/NDF : 1826.5/43

All: 0.538 ± 0.003 χ^2/NDF : 5061.5/87

- sign 0.534 ± 0.004 χ^2/NDF : 3231.7/43

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -17.237 ± 2.774 χ^2/NDF : 4.4/1

Left Out: -33.148 ± 0.301 χ^2/NDF : 500.0/24

Right Out: -12.849 ± 2.154 χ^2/NDF : 2.0/1

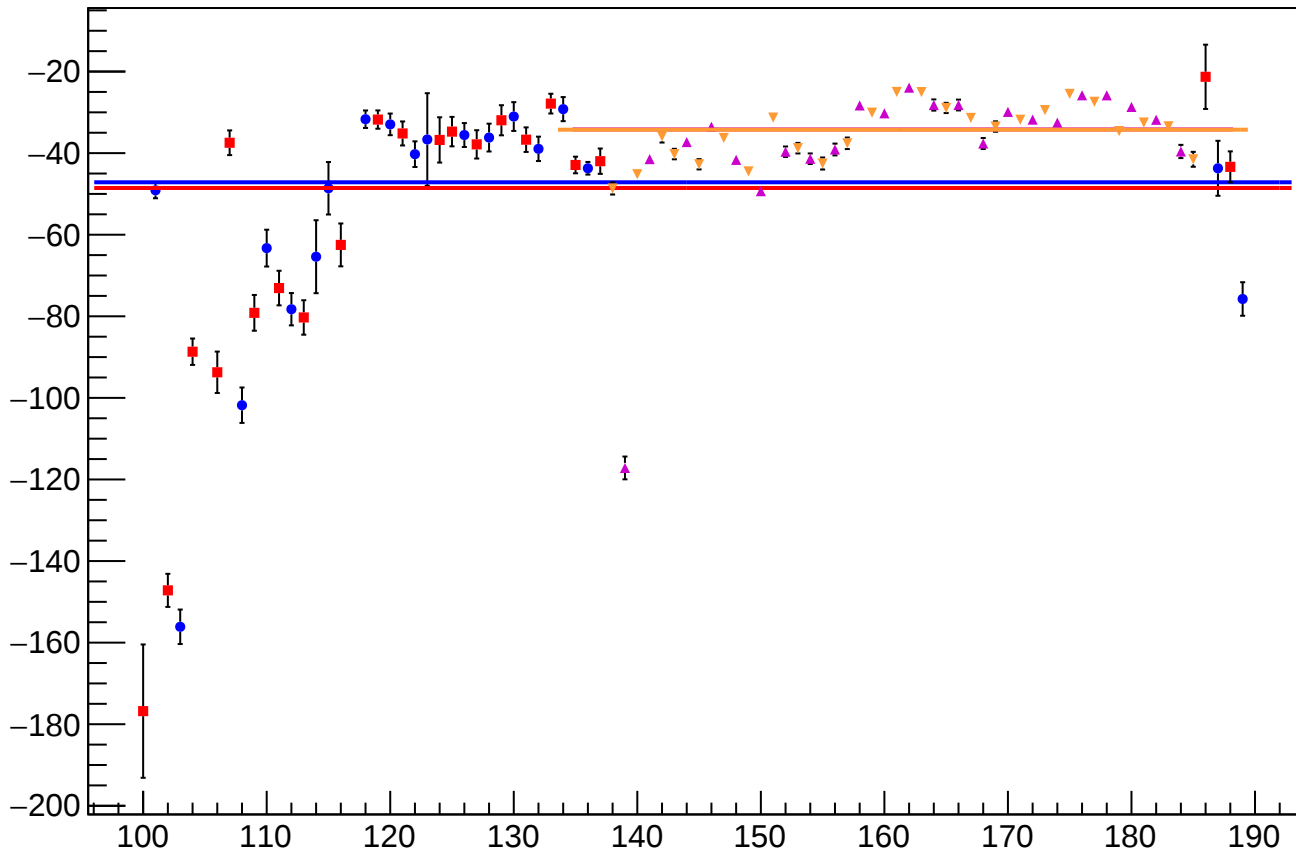
Left In: -31.647 ± 0.308 χ^2/NDF : 546.9/22

+ sign -32.963 ± 0.299 χ^2/NDF : 536.9/26

All: -32.133 ± 0.213 χ^2/NDF : 1176.2/51

- sign -31.271 ± 0.305 χ^2/NDF : 623.5/24

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -47.146 ± 0.708 $\chi^2/\text{NDF}: 1134.1/18$

Left Out: -34.256 ± 0.242 $\chi^2/\text{NDF}: 693.3/24$

Right Out: -48.543 ± 0.745 $\chi^2/\text{NDF}: 1285.8/20$

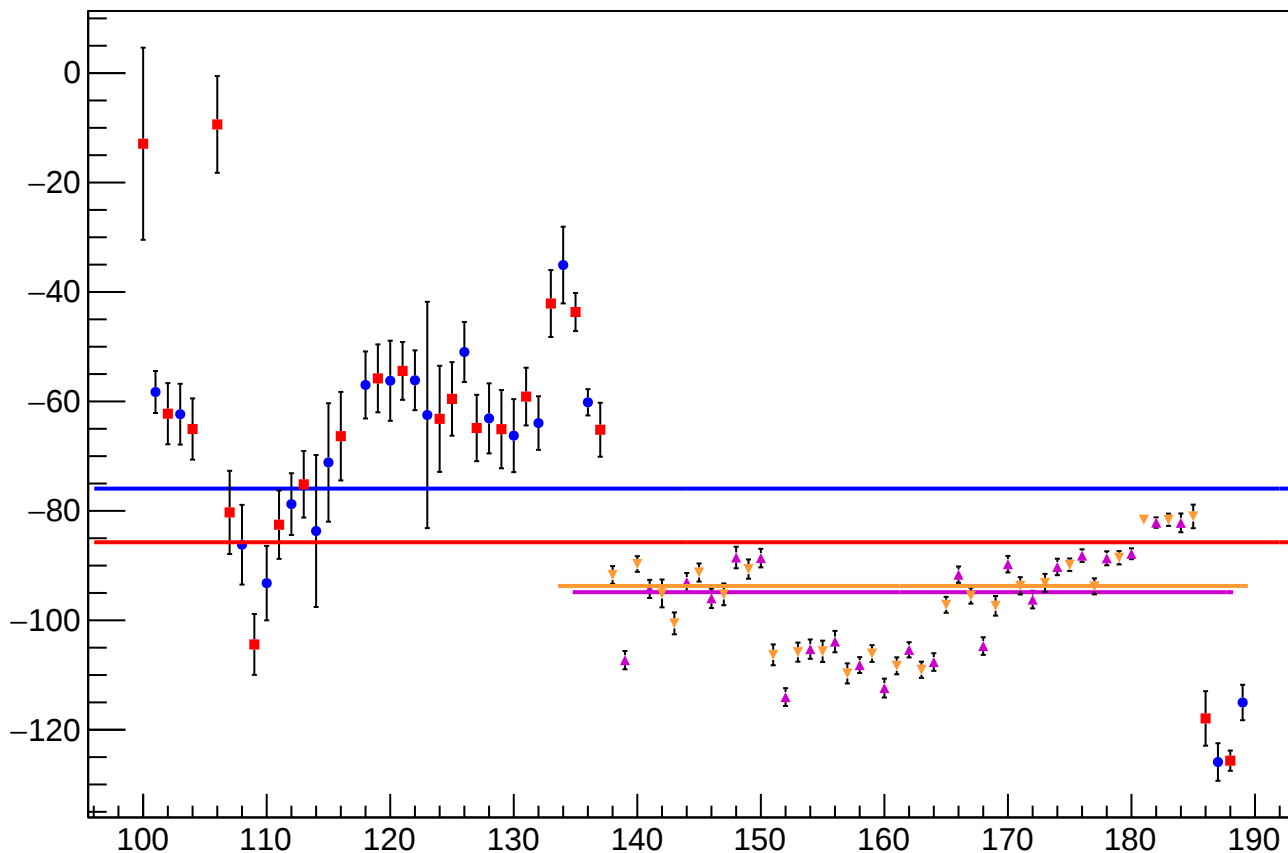
Left In: -34.189 ± 0.250 $\chi^2/\text{NDF}: 1546.1/22$

+ sign -35.606 ± 0.229 $\chi^2/\text{NDF}: 2124.3/43$

All: -35.624 ± 0.165 $\chi^2/\text{NDF}: 5289.5/87$

- sign -35.643 ± 0.237 $\chi^2/\text{NDF}: 3165.2/43$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -75.928 ± 1.145 $\chi^2/\text{NDF}: 534.4/18$

Left Out: -93.719 ± 0.302 $\chi^2/\text{NDF}: 878.2/24$

Right Out: -85.738 ± 1.080 $\chi^2/\text{NDF}: 989.3/20$

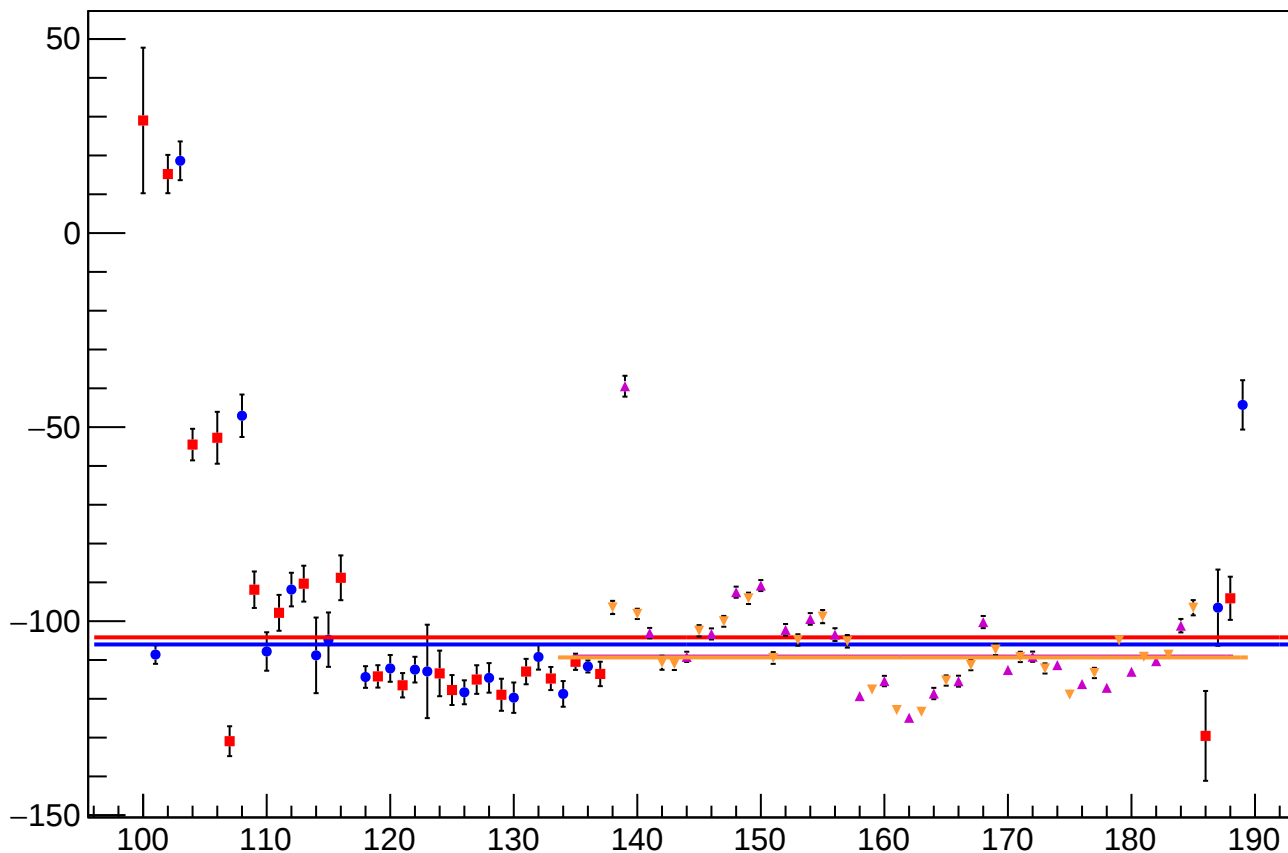
Left In: -94.861 ± 0.307 $\chi^2/\text{NDF}: 985.5/22$

+ sign -92.560 ± 0.292 $\chi^2/\text{NDF}: 1638.3/43$

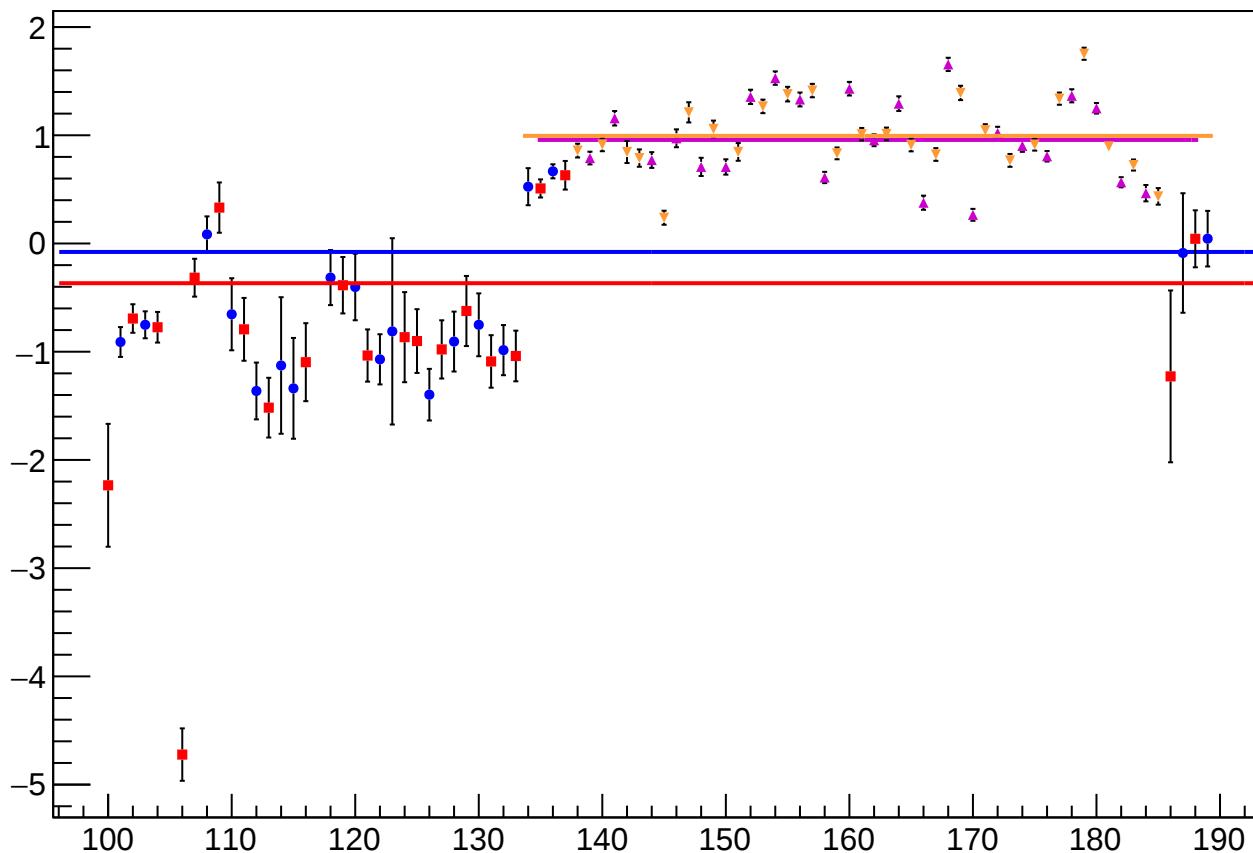
All: -93.360 ± 0.208 $\chi^2/\text{NDF}: 3694.3/87$

- sign -94.178 ± 0.296 $\chi^2/\text{NDF}: 2040.9/43$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.078 ± 0.041 χ^2/NDF : 329.2/18

Left Out: 0.995 ± 0.012 χ^2/NDF : 635.3/24

Right Out: -0.367 ± 0.043 χ^2/NDF : 586.7/20

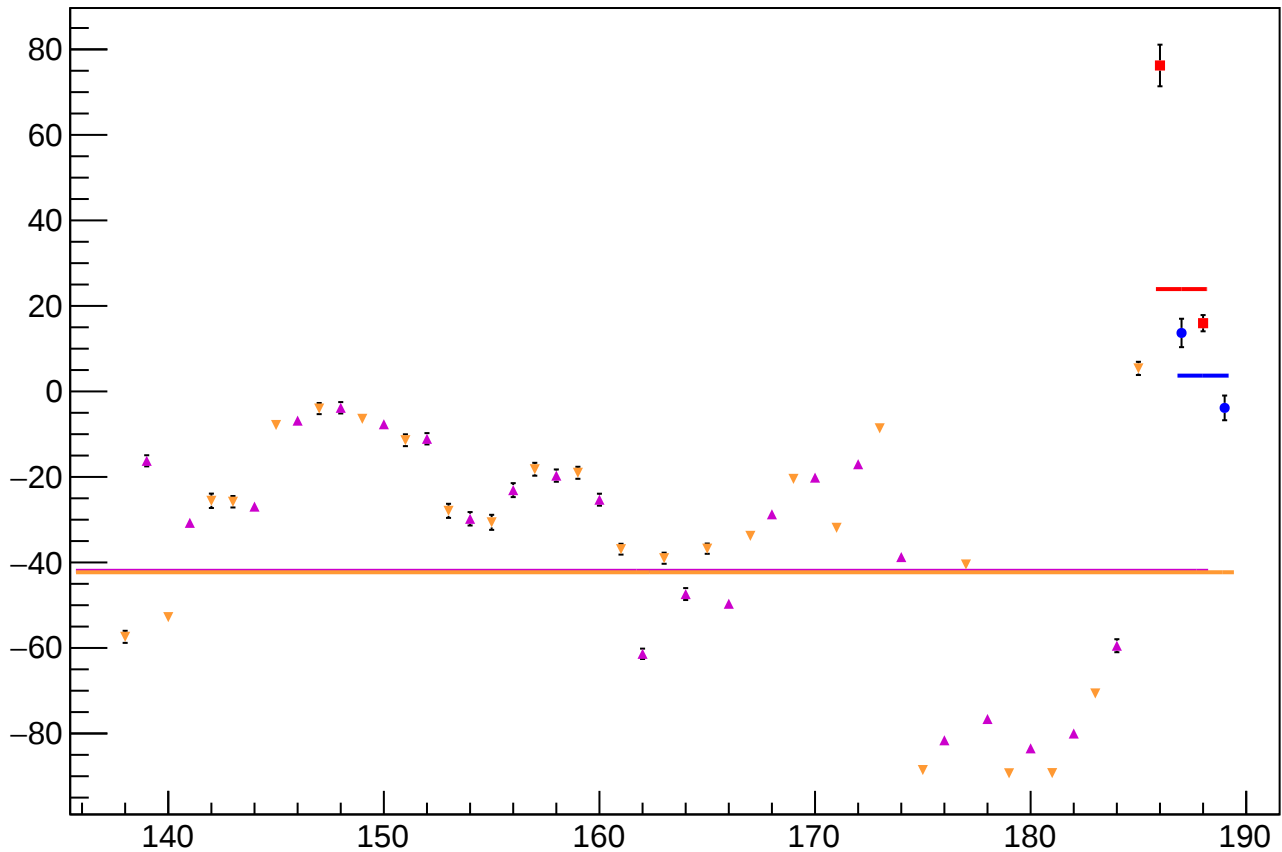
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.906 ± 0.012 χ^2/NDF : 1577.8/43

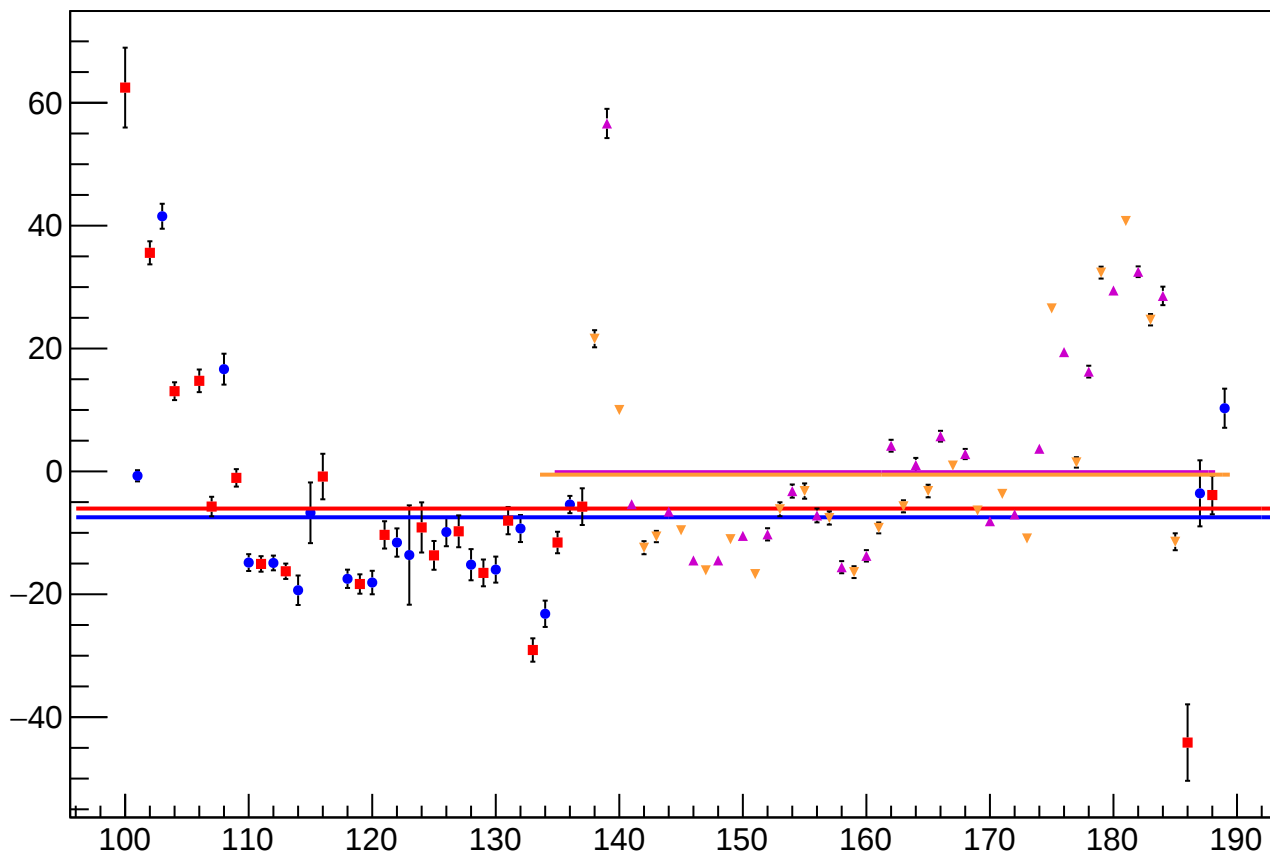
All: 0.880 ± 0.008 χ^2/NDF : 3935.0/87

- sign 0.853 ± 0.012 χ^2/NDF : 2347.5/43

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.468 ± 0.422 χ^2/NDF : 1015.0/18

Left Out: -0.527 ± 0.175 χ^2/NDF : 8707.9/24

Right Out: -6.048 ± 0.424 χ^2/NDF : 1331.1/20

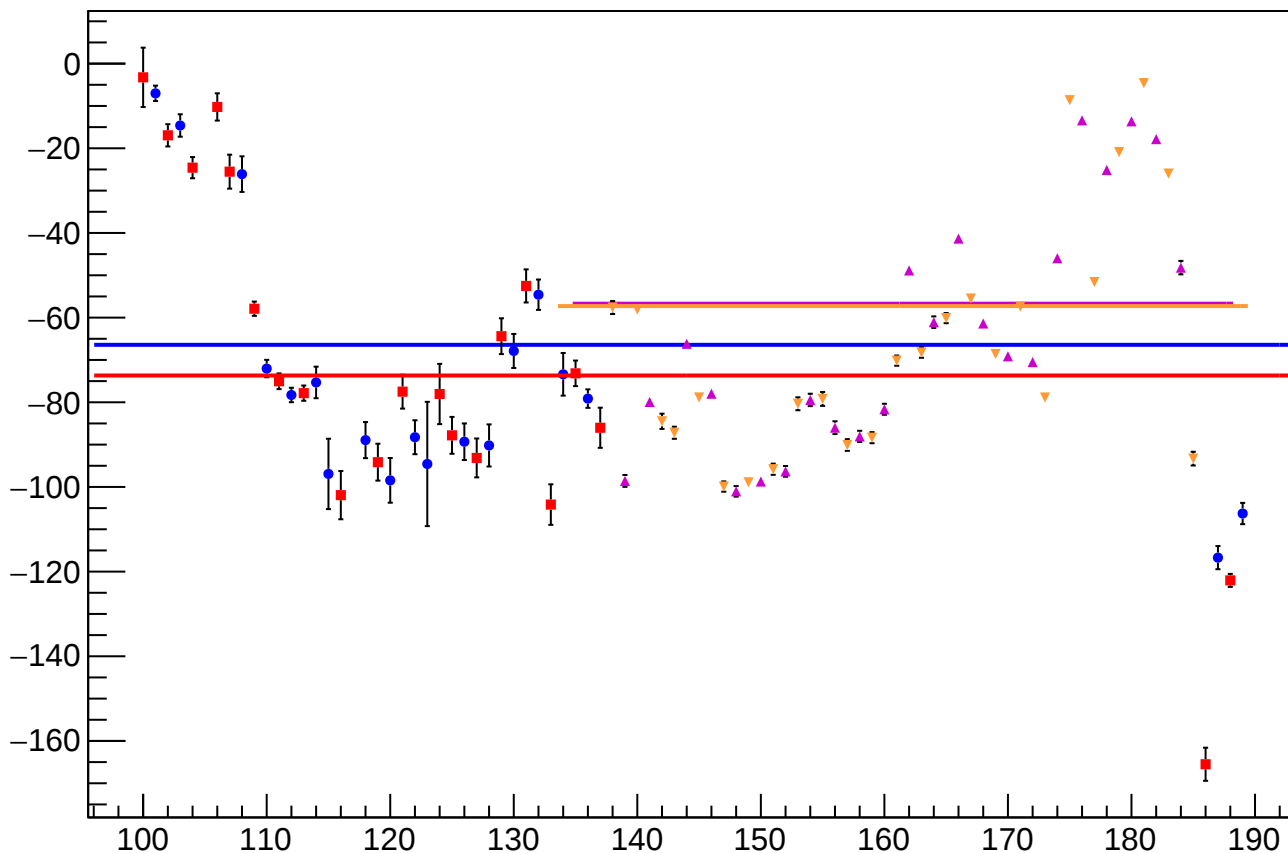
Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

+ sign -1.542 ± 0.161 χ^2/NDF : 9953.6/43

All: -1.284 ± 0.115 χ^2/NDF : 18380.6/87

- sign -1.017 ± 0.165 χ^2/NDF : 8421.8/43

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -66.427 ± 0.690 χ^2/NDF : 2404.3/18

Left Out: -57.276 ± 0.224 χ^2/NDF : 18511.1/24

Right Out: -73.674 ± 0.632 χ^2/NDF : 3278.8/20

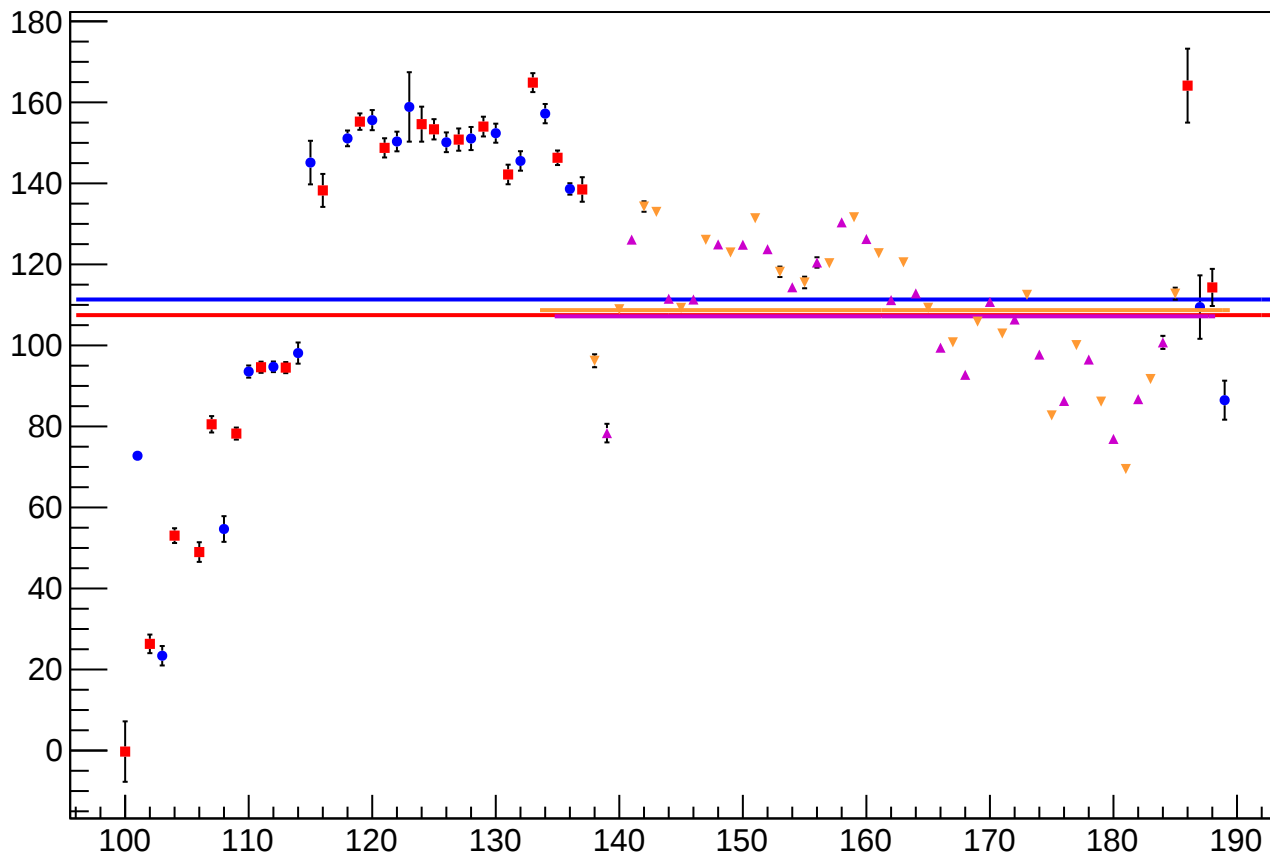
Left In: -56.705 ± 0.226 χ^2/NDF : 16547.5/22

+ sign -58.145 ± 0.213 χ^2/NDF : 21074.6/43

All: -58.388 ± 0.150 χ^2/NDF : 41543.3/87

- sign -58.631 ± 0.213 χ^2/NDF : 20466.1/43

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.338 $\pm$ 0.483 χ^2 /NDF: 5986.5/18

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

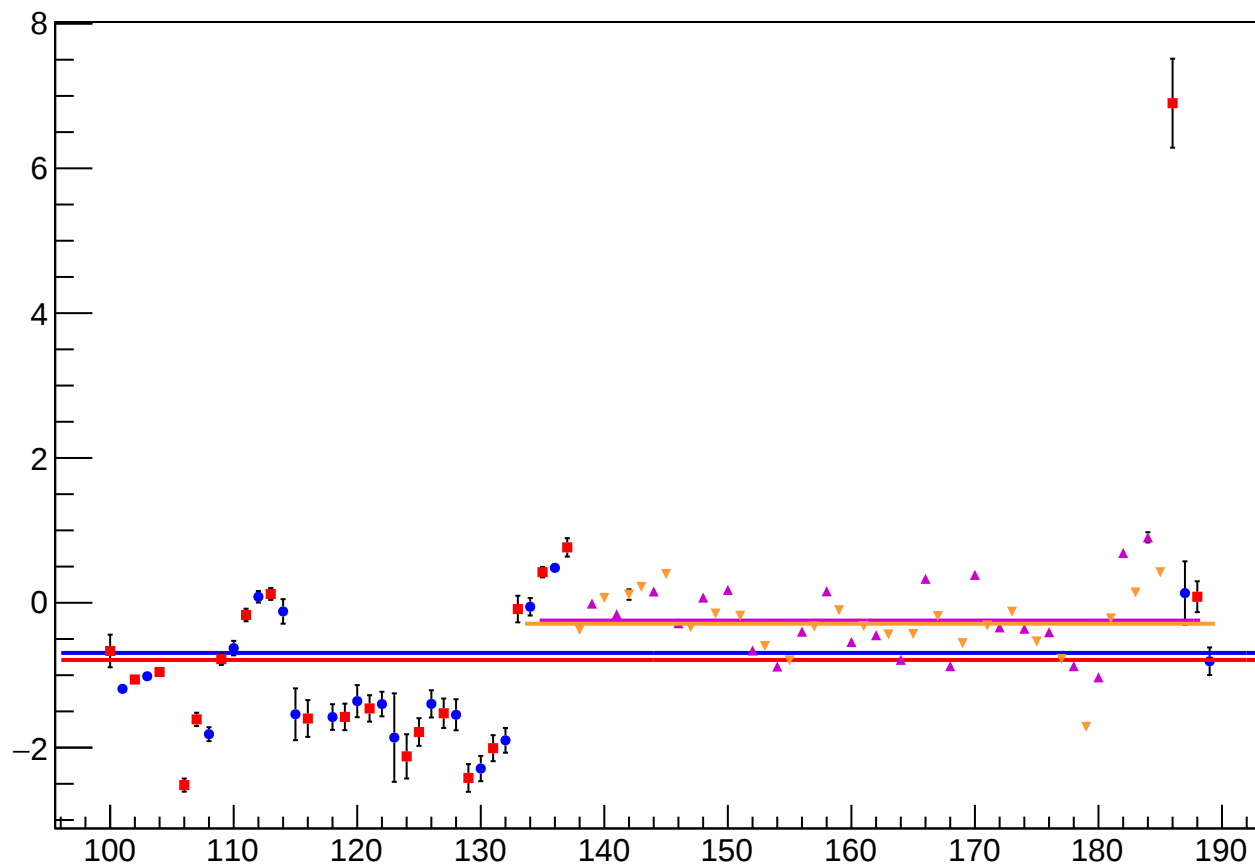
Left In: 107.180 $\pm$ 0.202 χ^2 /NDF: 5592.3/22

+ sign 109.086 $\pm$ 0.183 χ^2 /NDF: 13308.8/43

All: 108.171 $\pm$ 0.131 χ^2 /NDF: 26030.7/87

- sign 107.224 $\pm$ 0.186 χ^2 /NDF: 12671.1/43

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.692 ± 0.025 χ^2/NDF : 997.0/18

Left Out: -0.289 ± 0.009 χ^2/NDF : 2039.6/24

Right Out: -0.789 ± 0.024 χ^2/NDF : 1484.8/20

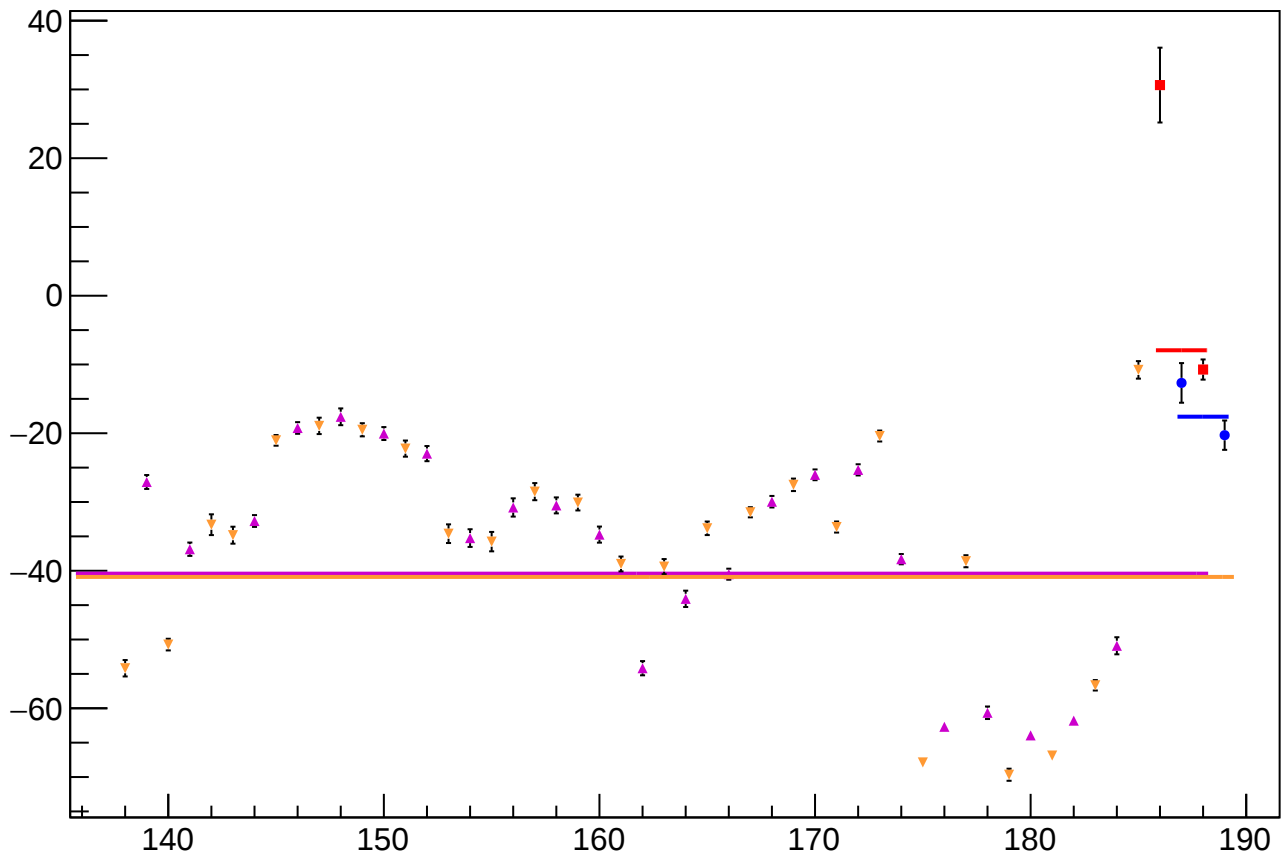
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.334 ± 0.009 χ^2/NDF : 3258.9/43

All: -0.325 ± 0.006 χ^2/NDF : 7992.9/87

- sign -0.315 ± 0.009 χ^2/NDF : 4731.4/43

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -17.592 ± 1.715 χ^2/NDF : 4.5/1

Left Out: -40.897 ± 0.186 χ^2/NDF : 9114.7/24

Right Out: -7.935 ± 1.416 χ^2/NDF : 53.9/1

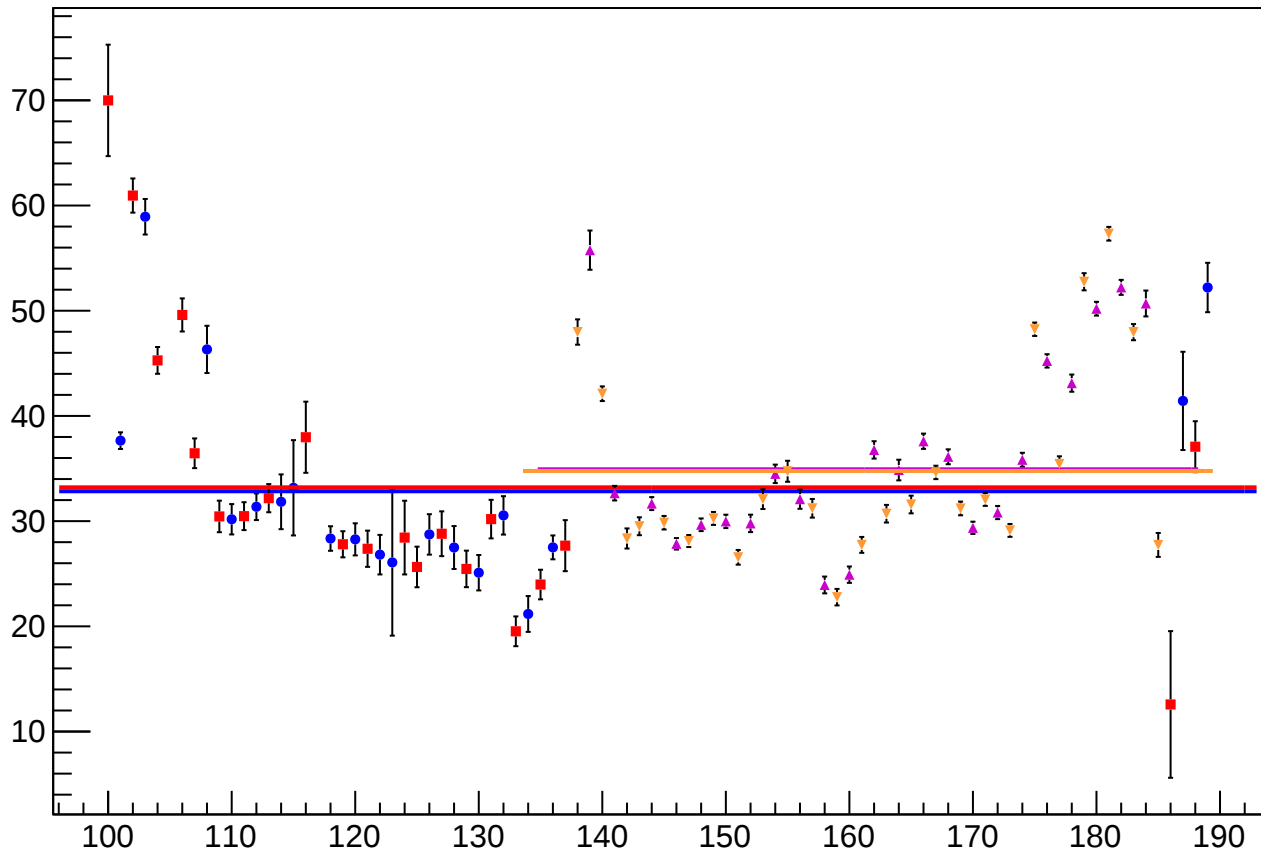
Left In: -40.422 ± 0.189 χ^2/NDF : 7030.2/22

+ sign -40.625 ± 0.185 χ^2/NDF : 9301.7/26

All: -40.243 ± 0.132 χ^2/NDF : 16911.6/51

- sign -39.854 ± 0.187 χ^2/NDF : 7601.4/24

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.838 $\pm$ 0.367 χ^2 /NDF: 525.8/18

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

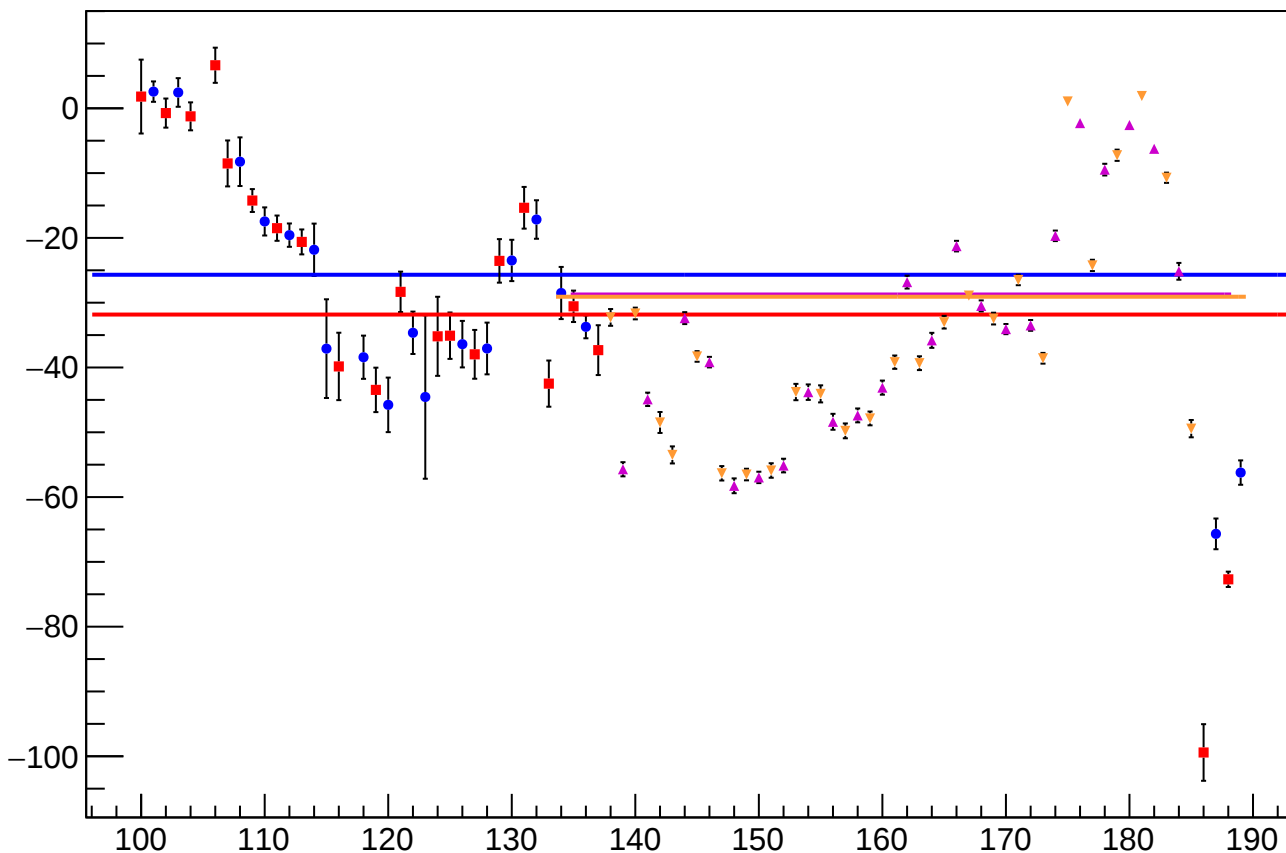
Left In: 34.928 $\pm$ 0.151 χ^2 /NDF: 2688.4/22

+ sign 34.498 $\pm$ 0.137 χ^2 /NDF: 4227.0/43

All: 34.591 $\pm$ 0.098 χ^2 /NDF: 7716.0/87

- sign 34.687 $\pm$ 0.140 χ^2 /NDF: 3488.1/43

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -25.689 ± 0.606 χ^2/NDF : 1177.1/18

Left Out: -29.080 ± 0.187 χ^2/NDF : 10059.5/24

Right Out: -31.830 ± 0.561 χ^2/NDF : 2343.4/20

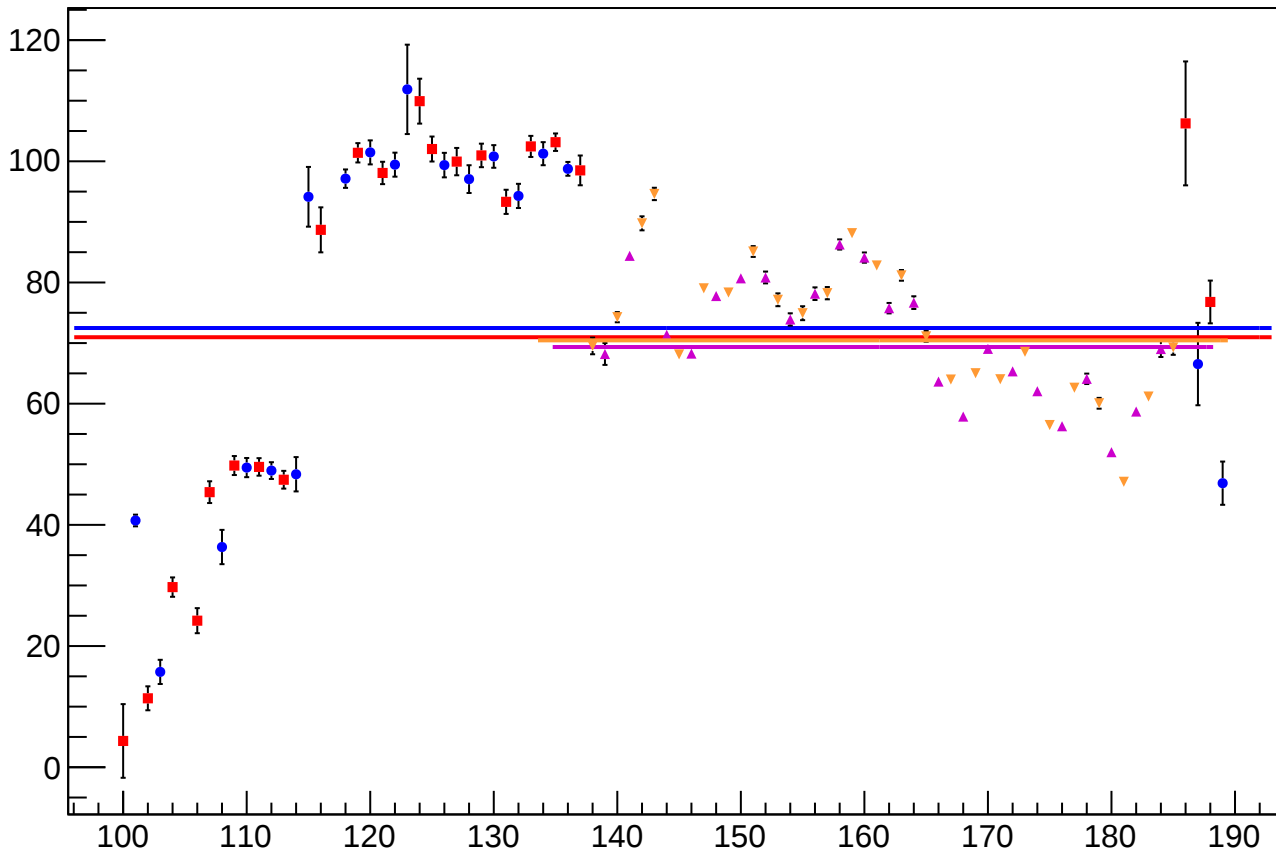
Left In: -28.735 ± 0.189 χ^2/NDF : 9155.5/22

+ sign -28.785 ± 0.179 χ^2/NDF : 11265.1/43

All: -28.918 ± 0.127 χ^2/NDF : 22792.5/87

- sign -29.051 ± 0.179 χ^2/NDF : 11526.2/43

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.487 $\pm$ 0.422 χ^2 /NDF: 4791.0/18

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

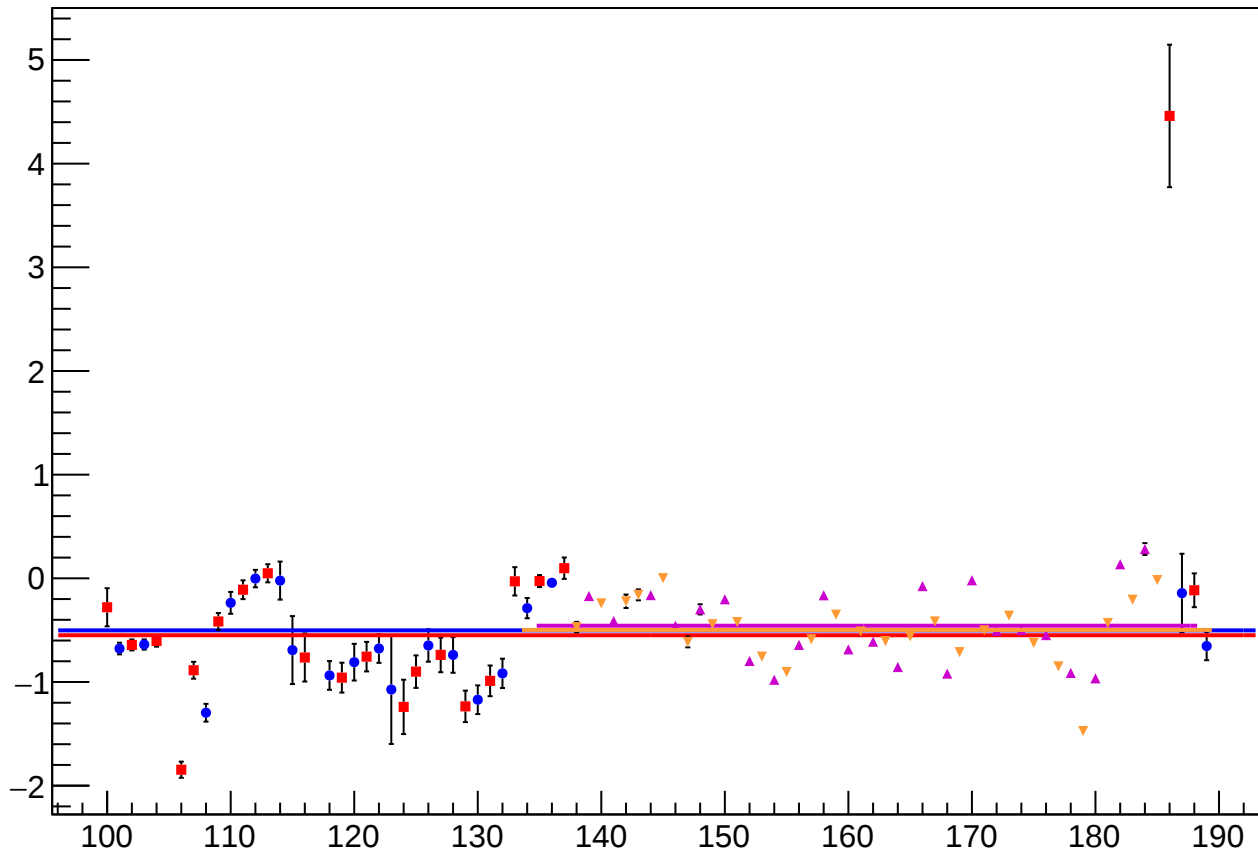
Left In: 69.350 $\pm$ 0.170 χ^2 /NDF:3330.7/22

+ sign 70.724 $\pm$ 0.155 χ^2 /NDF: 9295.9/43

All: 70.157 $\pm$ 0.111 χ^2 /NDF: 18170.2/87

- sign 69.568 $\pm$ 0.158 χ^2 /NDF: 8847.0/43

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.502 ± 0.022 χ^2/NDF : 305.6/18

Left Out: -0.498 ± 0.008 χ^2/NDF : 1440.7/24

Right Out: -0.549 ± 0.021 χ^2/NDF : 622.9/20

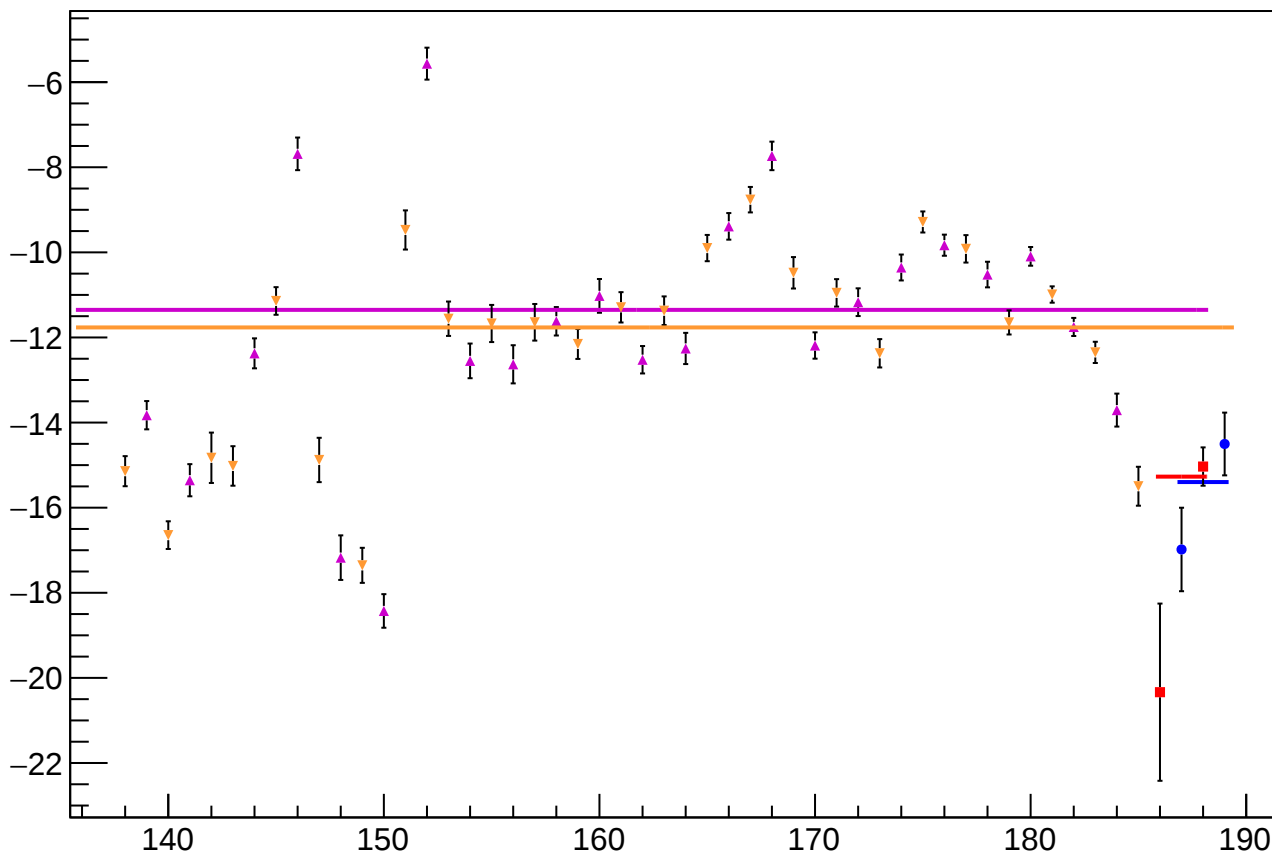
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.498 ± 0.007 χ^2/NDF : 1746.4/43

All: -0.483 ± 0.005 χ^2/NDF : 4370.1/87

- sign -0.468 ± 0.007 χ^2/NDF : 2614.7/43

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -15.398 ± 0.589 χ^2/NDF : 4.1/1

Left Out: -11.764 ± 0.067 χ^2/NDF : 1025.9/24

Right Out: -15.270 ± 0.440 χ^2/NDF : 6.2/1

Left In: -11.352 ± 0.068 χ^2/NDF : 1280.6/22

+ sign -11.810 ± 0.066 χ^2/NDF : 1067.5/26

All: -11.628 ± 0.047 χ^2/NDF : 2447.0/51

- sign -11.442 ± 0.067 χ^2/NDF : 1364.3/24

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.176 ± 0.148 χ^2/NDF : 1403.4/18

Left Out: -30.201 ± 0.054 χ^2/NDF : 725.7/24

Right Out: -34.217 ± 0.148 χ^2/NDF : 1356.8/20

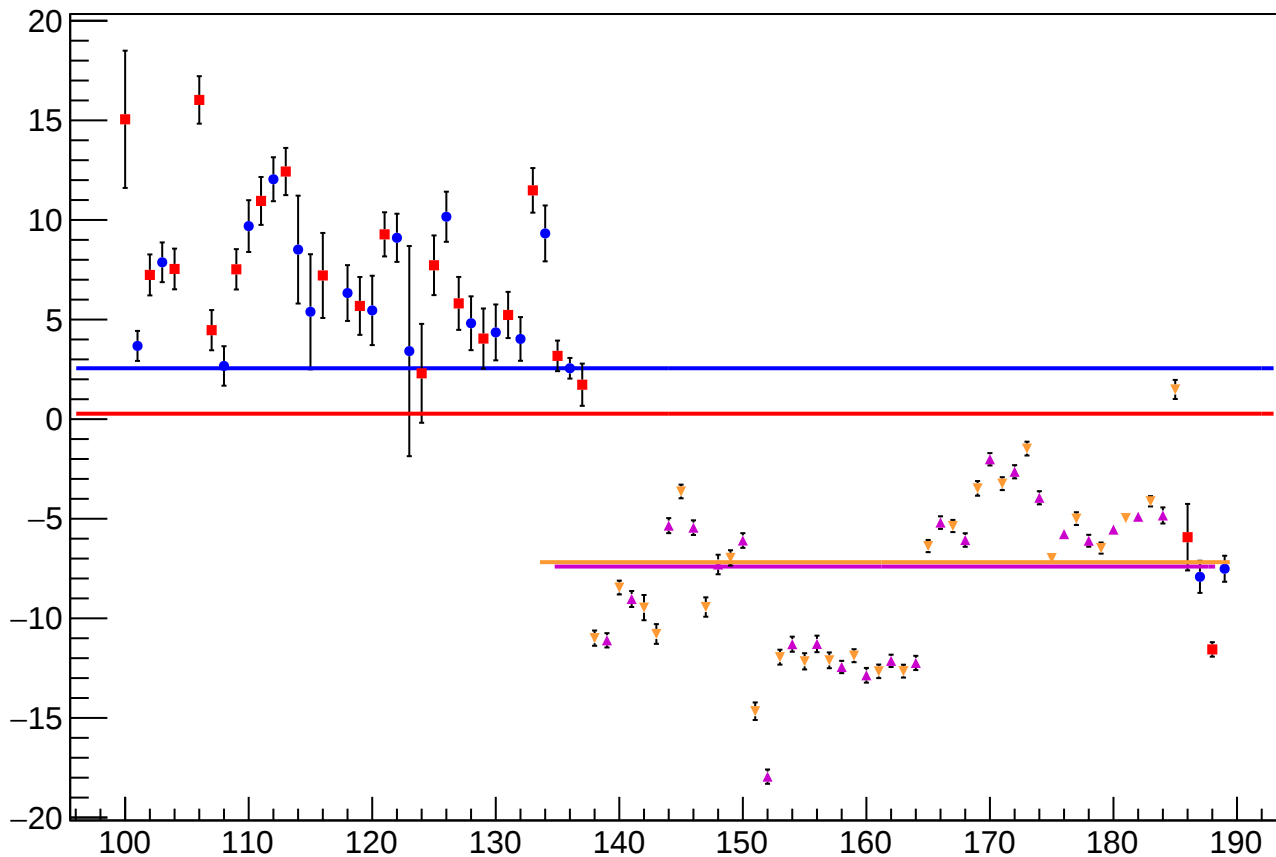
Left In: -30.128 ± 0.055 χ^2/NDF : 1290.4/22

+ sign -30.670 ± 0.051 χ^2/NDF : 2769.4/43

All: -30.652 ± 0.036 χ^2/NDF : 6089.5/87

- sign -30.632 ± 0.052 χ^2/NDF : 3319.9/43

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 2.555 ± 0.238 χ^2/NDF : 651.5/18

Left Out: -7.180 ± 0.067 χ^2/NDF : 3015.8/24

Right Out: 0.274 ± 0.217 χ^2/NDF : 1890.9/20

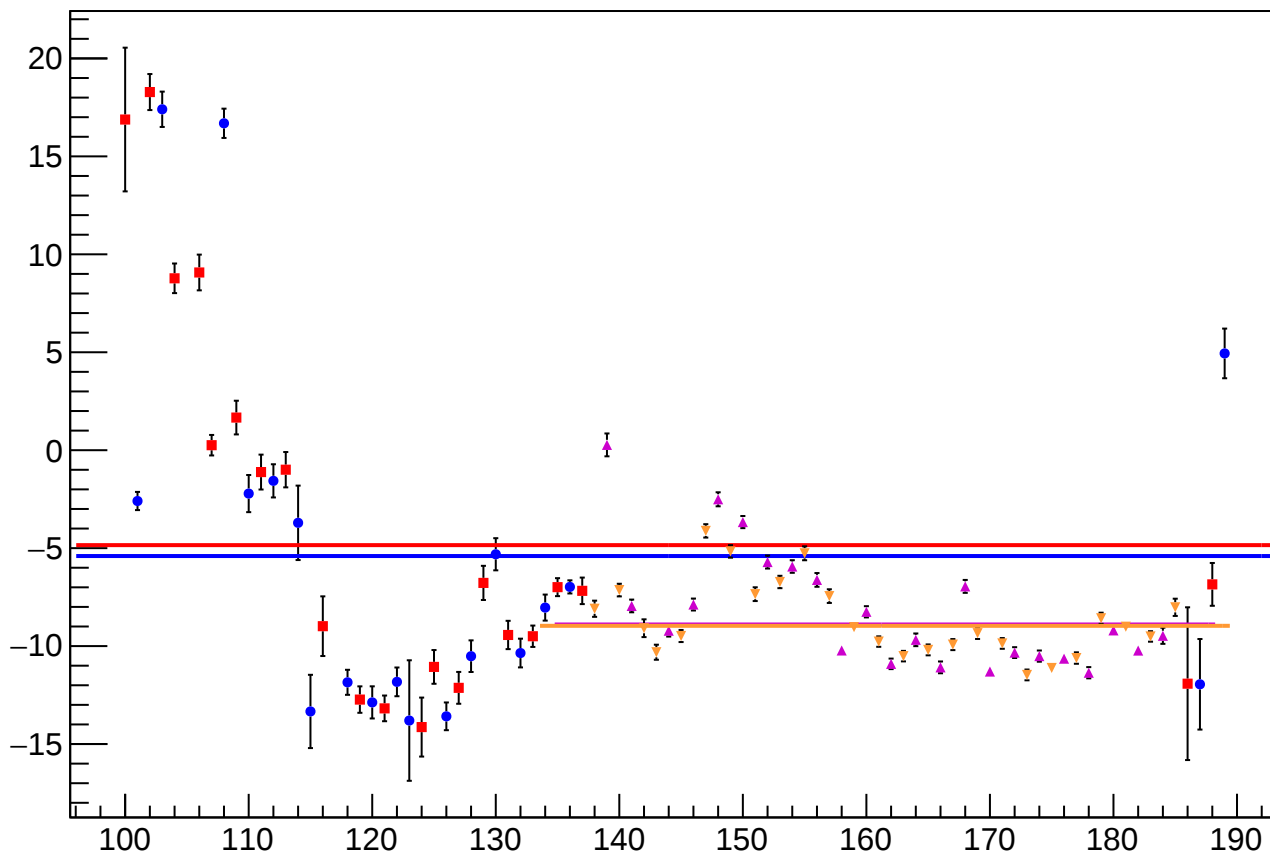
Left In: -7.400 ± 0.068 χ^2/NDF : 3134.9/22

+ sign -6.467 ± 0.064 χ^2/NDF : 5216.4/43

All: -6.594 ± 0.046 χ^2/NDF : 11390.0/87

- sign -6.722 ± 0.065 χ^2/NDF : 6165.8/43

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.403 $\pm$ 0.168 χ^2/NDF : 2200.7/18

Left Out: -8.965 $\pm$ 0.060 χ^2/NDF : 876.6/24

Right Out: -4.846 $\pm$ 0.171 χ^2/NDF : 2047.2/20

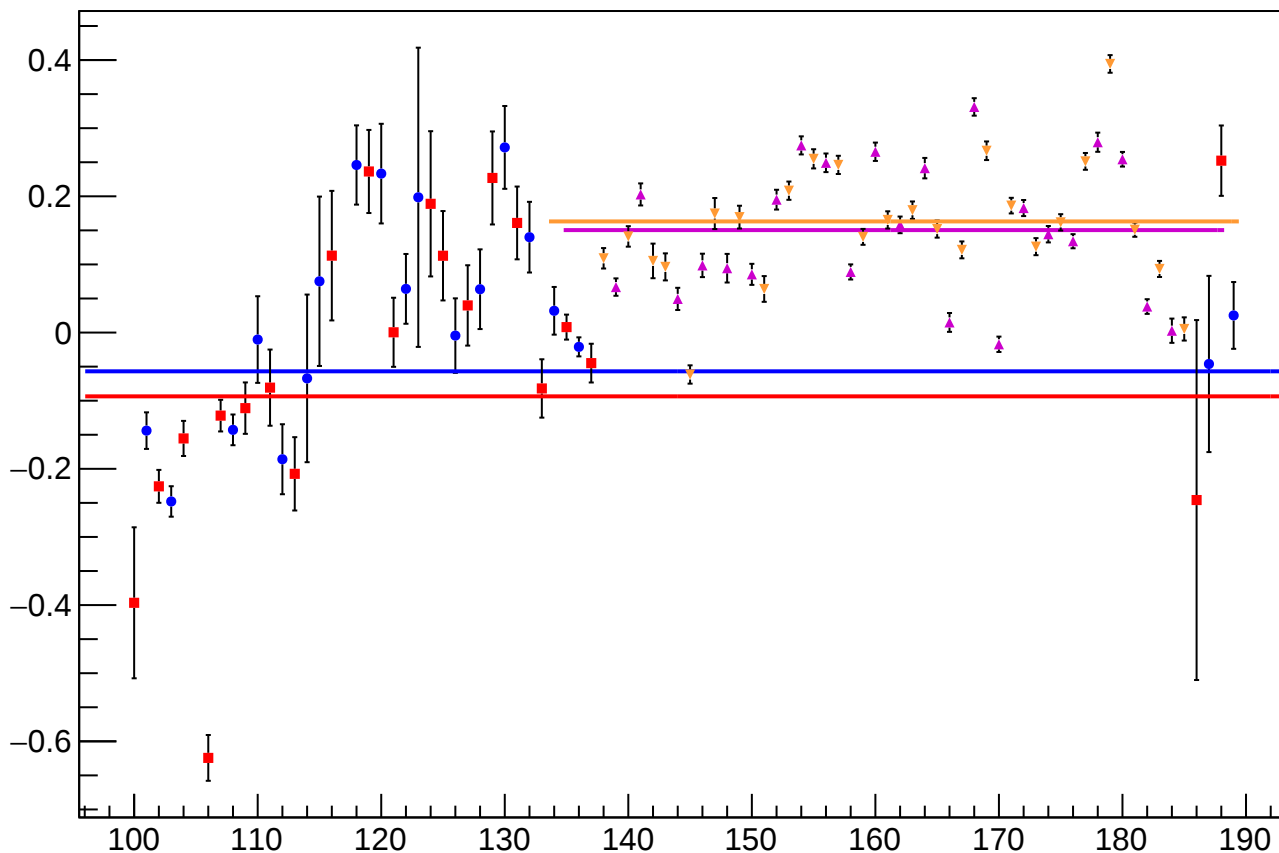
Left In: -8.898 $\pm$ 0.061 χ^2/NDF : 1584.0/22

+ sign -8.558 $\pm$ 0.057 χ^2/NDF : 3475.9/43

All: -8.496 $\pm$ 0.040 χ^2/NDF : 7609.1/87

- sign -8.431 $\pm$ 0.058 χ^2/NDF : 4130.7/43

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.057 ± 0.008 $\chi^2/\text{NDF}: 220.5/18$

Left Out: 0.163 ± 0.003 $\chi^2/\text{NDF}: 1011.4/24$

Right Out: -0.094 ± 0.008 $\chi^2/\text{NDF}: 481.9/20$

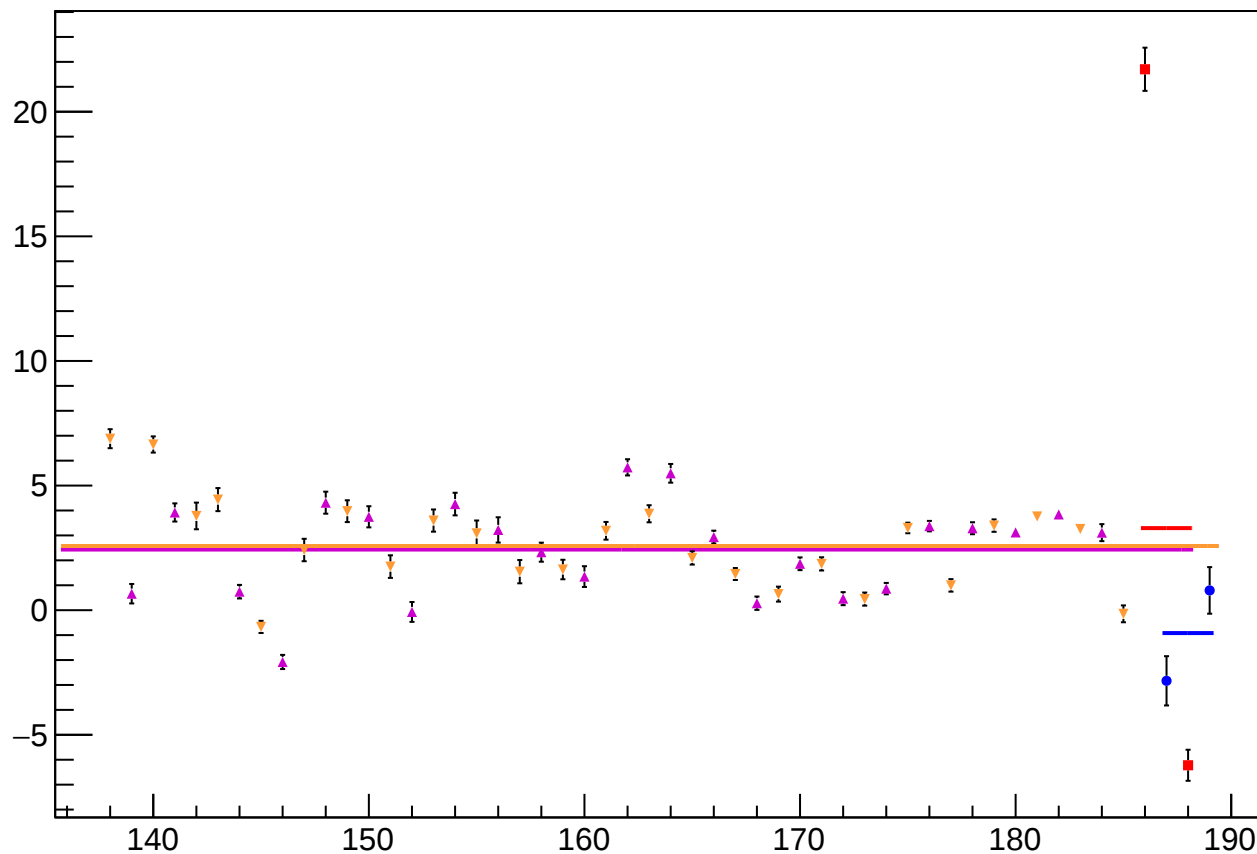
Left In: 0.150 ± 0.003 $\chi^2/\text{NDF}: 1296.5/22$

+ sign 0.141 ± 0.003 $\chi^2/\text{NDF}: 1872.6/43$

All: 0.134 ± 0.002 $\chi^2/\text{NDF}: 4445.8/87$

- sign 0.126 ± 0.003 $\chi^2/\text{NDF}: 2556.3/43$

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: -0.918 ± 0.679 χ^2/NDF : 7.1/1

Left Out: 2.575 ± 0.058 χ^2/NDF : 868.1/24

Right Out: 3.293 ± 0.506 χ^2/NDF : 684.7/1

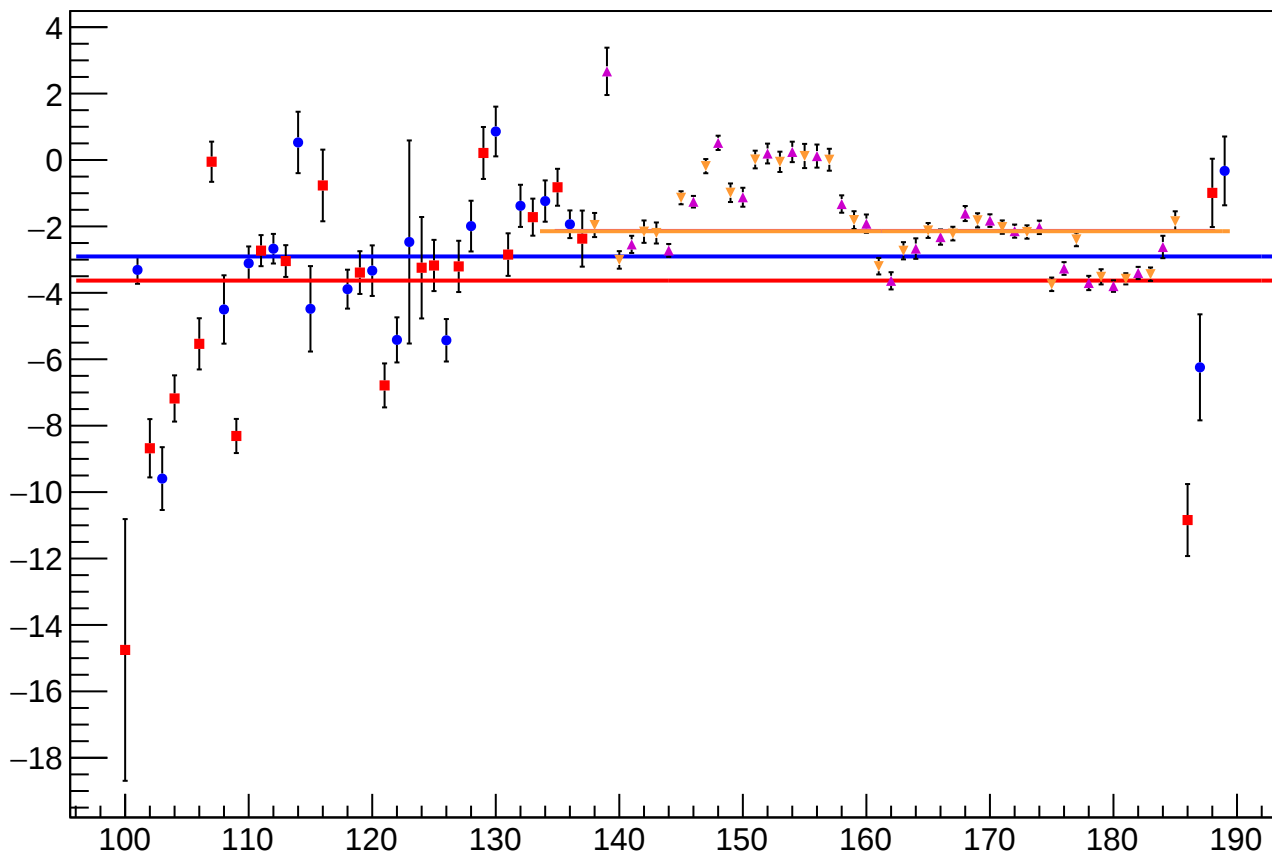
Left In: 2.433 ± 0.059 χ^2/NDF : 882.9/22

+ sign 2.550 ± 0.058 χ^2/NDF : 901.5/26

All: 2.498 ± 0.041 χ^2/NDF : 2473.6/51

- sign 2.445 ± 0.059 χ^2/NDF : 1570.5/24

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.905 ± 0.152 χ^2/NDF : 157.1/18

Left Out: -2.145 ± 0.048 χ^2/NDF : 572.6/24

Right Out: -3.631 ± 0.151 χ^2/NDF : 342.8/20

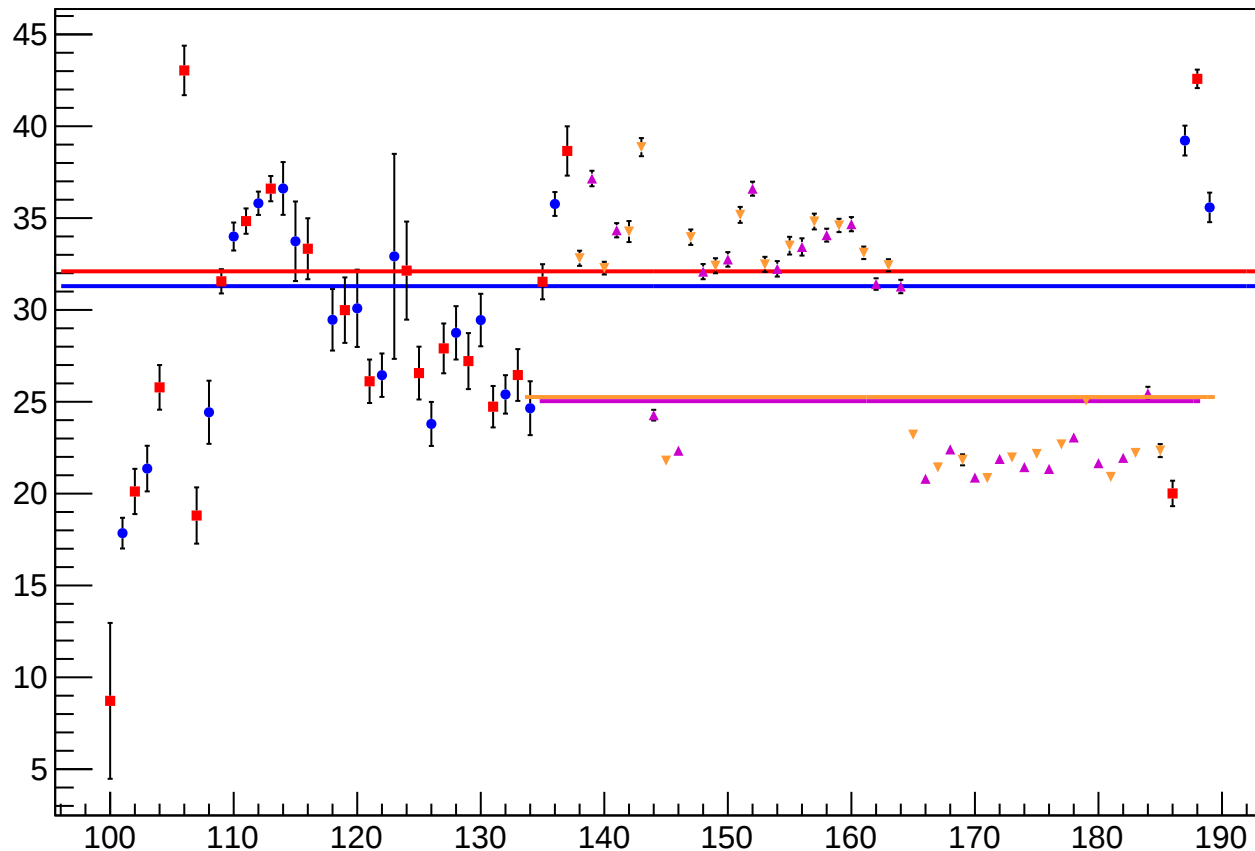
Left In: -2.137 ± 0.048 χ^2/NDF : 693.6/22

+ sign -2.213 ± 0.045 χ^2/NDF : 752.6/43

All: -2.243 ± 0.032 χ^2/NDF : 1878.3/87

- sign -2.275 ± 0.046 χ^2/NDF : 1124.8/43

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 31.295 $\pm$ 0.242 χ^2 /NDF: 702.6/18

Left Out: 25.258 $\pm$ 0.059 χ^2 /NDF:8135.5/24

Right Out: 32.101 $\pm$ 0.219 χ^2 /NDF: 1235.5/20

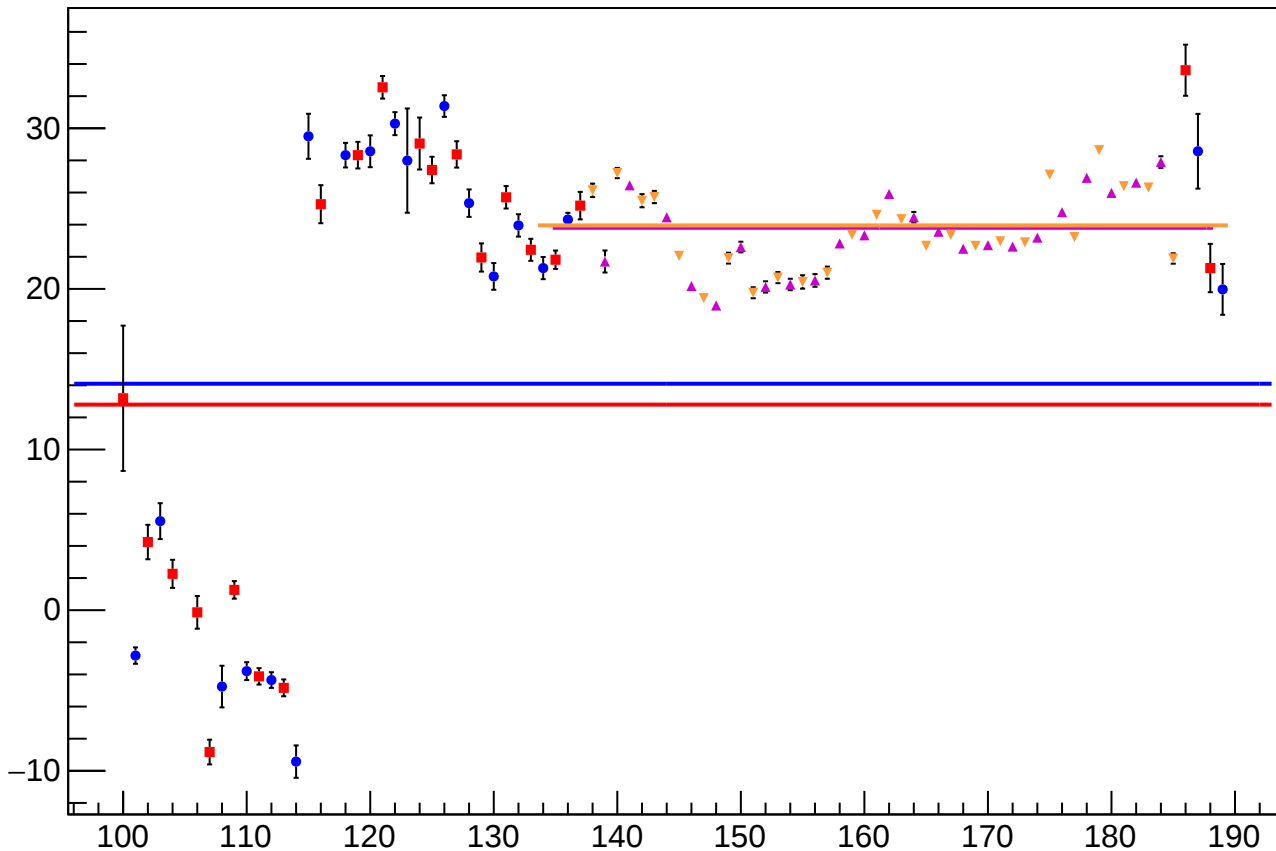
Left In: 25.034 $\pm$ 0.059 χ^2 /NDF:7690.0/22

+ sign 25.597 $\pm$ 0.057 χ^2 /NDF: 9427.1/43

All: 25.557 $\pm$ 0.040 χ^2 /NDF: 19322.6/87

- sign 25.517 $\pm$ 0.057 χ^2 /NDF: 9894.6/43

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.097 $\pm$ 0.170 χ^2 /NDF: 7445.1/18

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

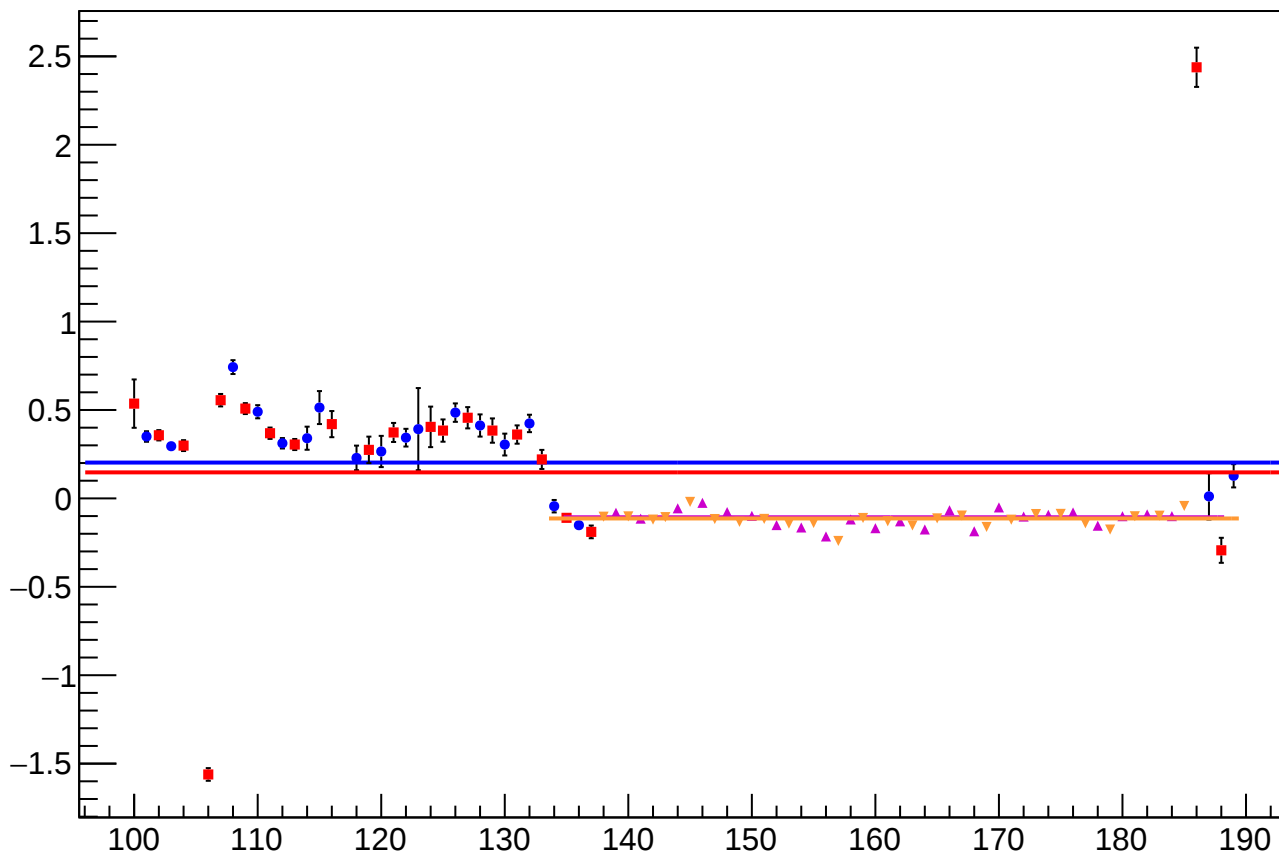
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ sign 23.078 $\pm$ 0.051 χ^2 /NDF: 12406.7/43

All: 22.949 $\pm$ 0.036 χ^2 /NDF: 25099.4/87

- 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: 0.203+/-0.009 χ^2/NDF : 849.7/18

Left Out: -0.114+/-0.002 χ^2/NDF : 290.8/24

Right Out: 0.147+/-0.009 χ^2/NDF : 3482.8/20

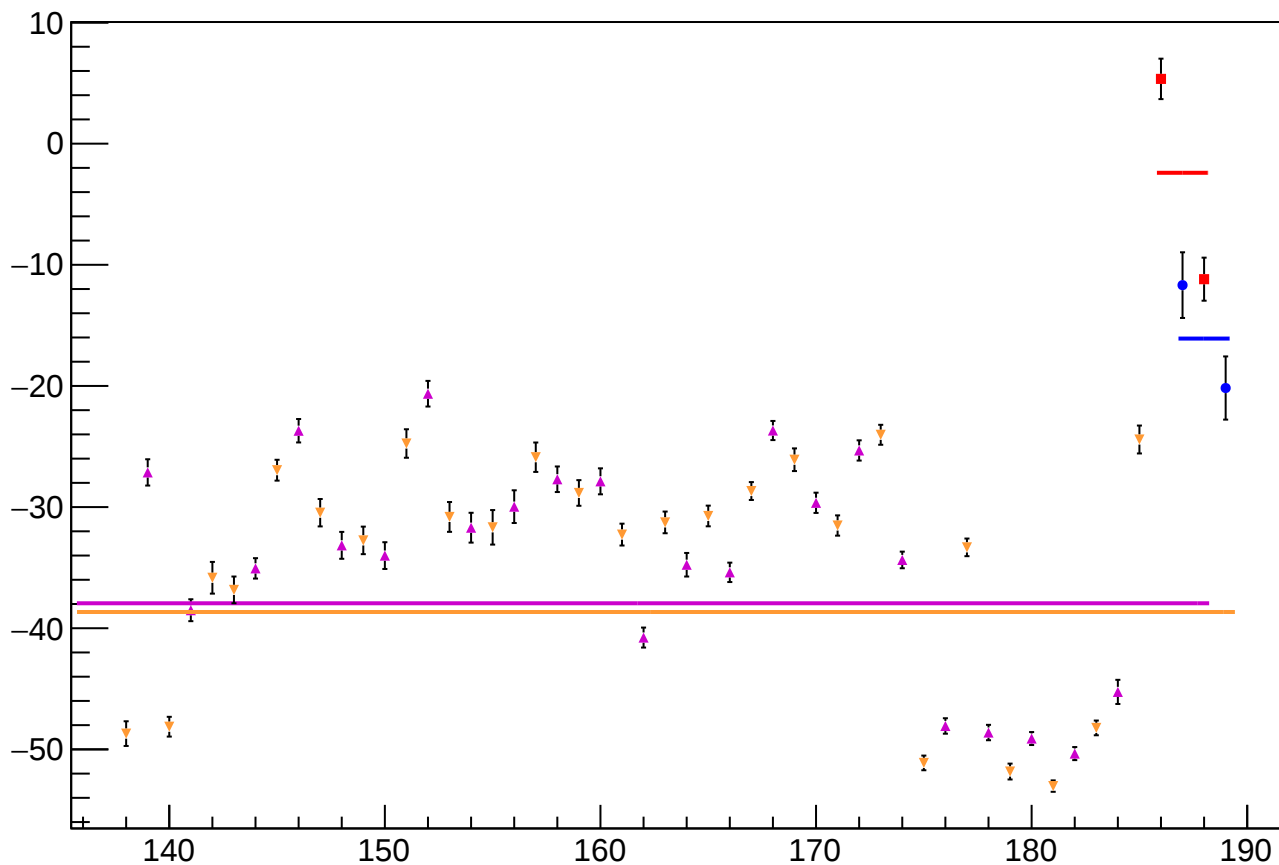
Left In: -0.107+/-0.002 χ^2/NDF : 322.0/22

+ sign -0.093+/-0.002 χ^2/NDF : 2235.0/43

All: -0.091+/-0.002 χ^2/NDF : 6768.0/87

- sign -0.089+/-0.002 χ^2/NDF : 4531.7/43

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -16.089 ± 1.879 χ^2/NDF : 5.1/1

Left Out: -38.660 ± 0.169 χ^2/NDF : 4073.8/24

Right Out: -2.405 ± 1.216 χ^2/NDF : 46.0/1

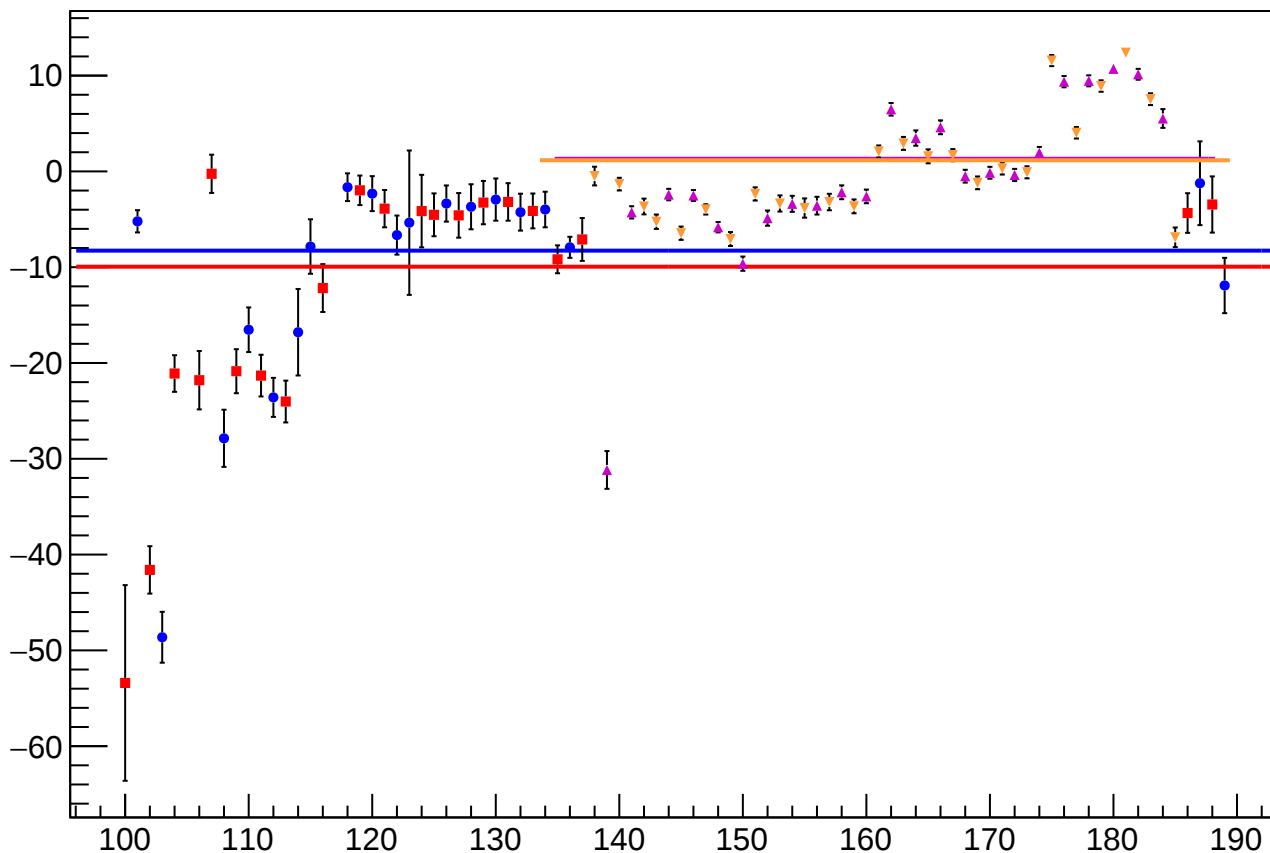
Left In: -37.939 ± 0.173 χ^2/NDF : 3133.2/22

+ sign -38.478 ± 0.169 χ^2/NDF : 4222.0/26

All: -37.866 ± 0.120 χ^2/NDF : 8264.4/51

- sign -37.239 ± 0.171 χ^2/NDF : 4015.7/24

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.271 ± 0.454 χ^2/NDF : 416.3/18

Left Out: 1.163 ± 0.136 χ^2/NDF : 1786.1/24

Right Out: -9.948 ± 0.472 χ^2/NDF : 441.7/20

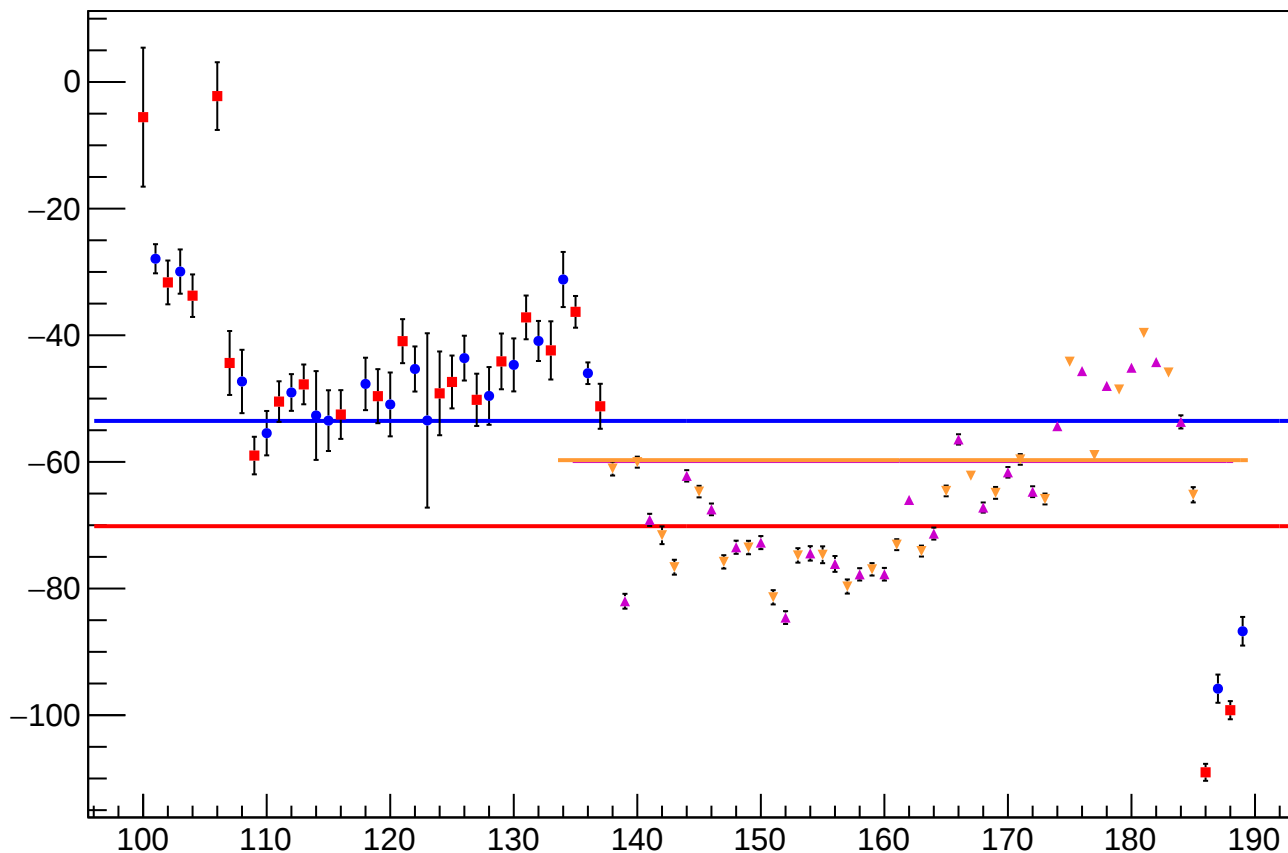
Left In: 1.319 ± 0.139 χ^2/NDF : 2080.7/22

+ sign 0.382 ± 0.131 χ^2/NDF : 2598.8/43

All: 0.397 ± 0.093 χ^2/NDF : 5645.8/87

- sign 0.413 ± 0.134 χ^2/NDF : 3047.0/43

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -53.527 ± 0.738 χ^2/NDF : 831.8/18

Left Out: -59.724 ± 0.170 χ^2/NDF : 5789.8/24

Right Out: -70.153 ± 0.649 χ^2/NDF : 2371.2/20

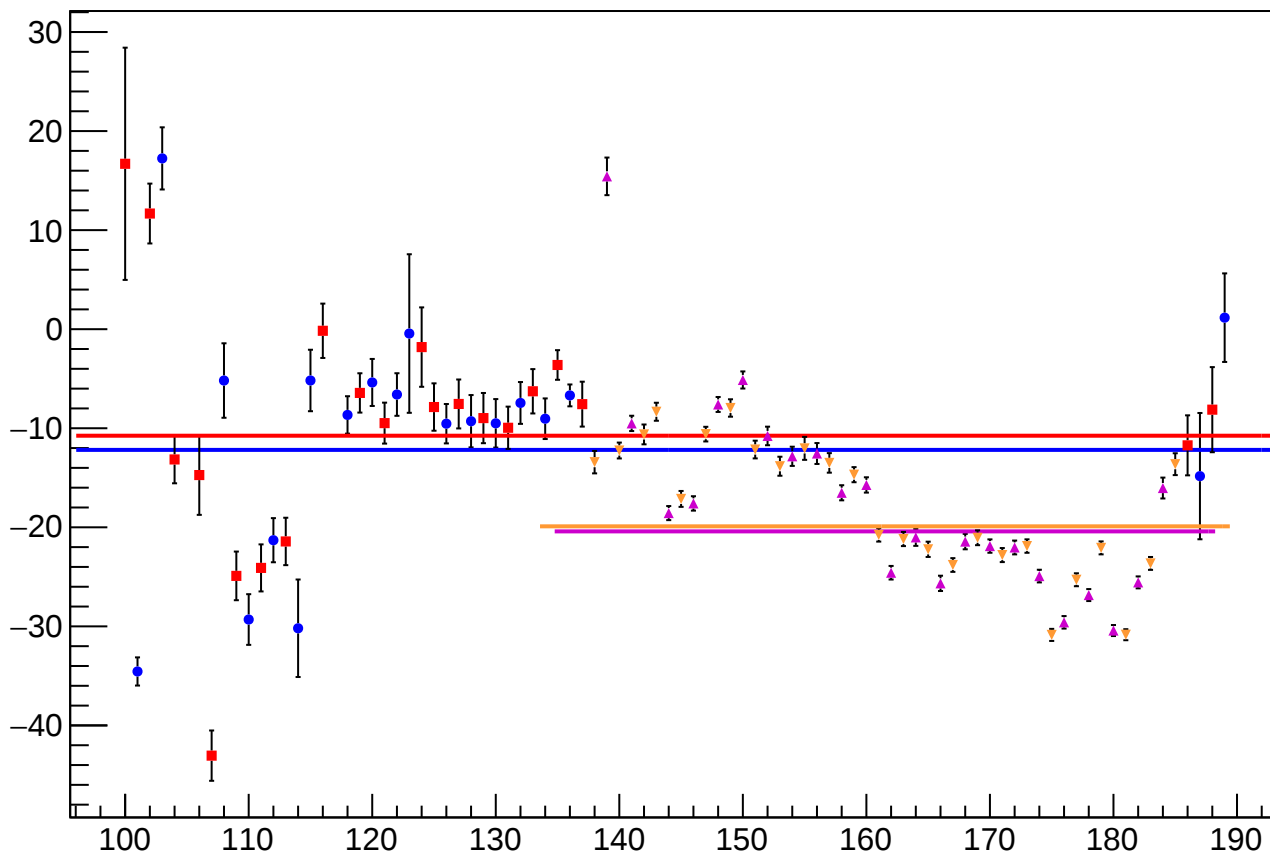
Left In: -59.864 ± 0.173 χ^2/NDF : 5275.1/22

+ sign -59.411 ± 0.166 χ^2/NDF : 6688.4/43

All: -59.975 ± 0.118 χ^2/NDF : 14592.7/87

- sign -60.545 ± 0.167 χ^2/NDF : 7881.1/43

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug

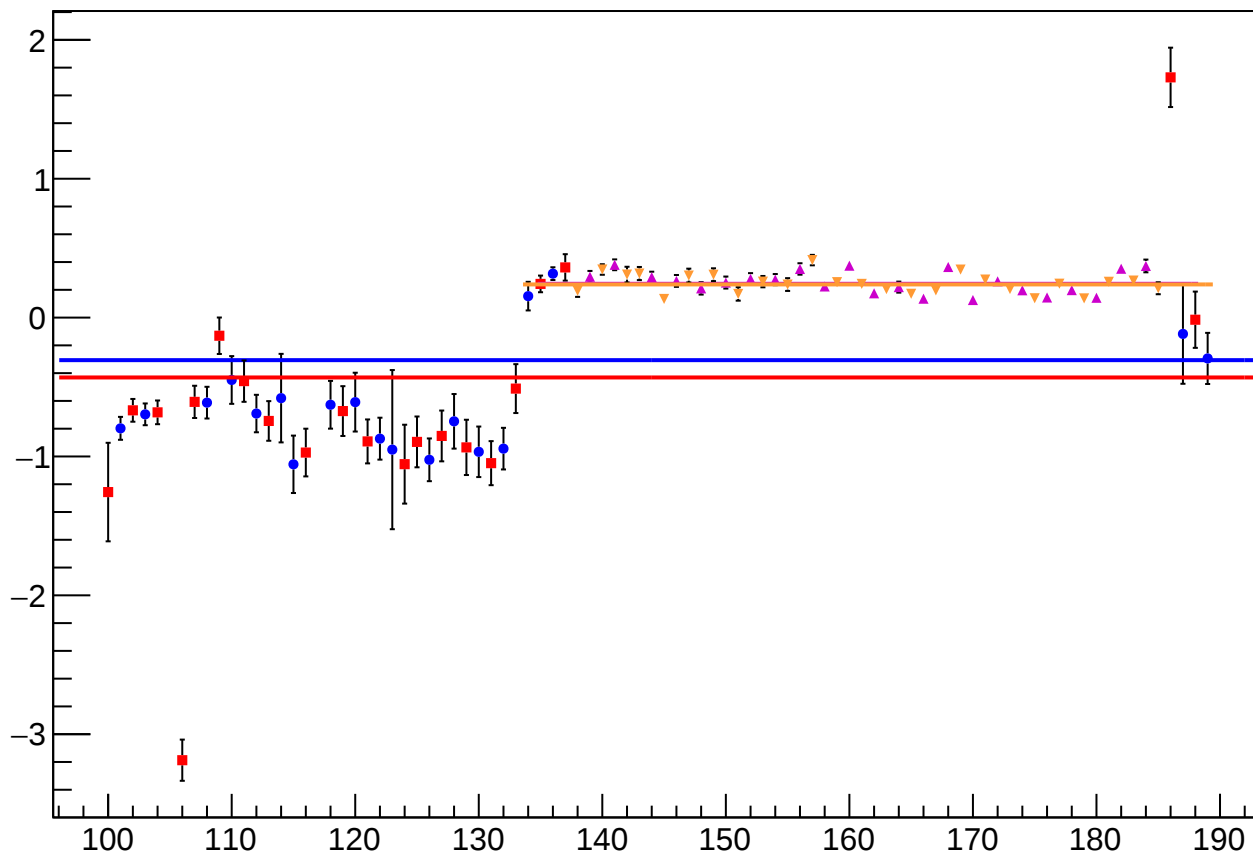


+ sign -19.274 ± 0.147 $\chi^2/\text{NDF}: 2596.4/43$

All: -19.466 ± 0.105 $\chi^2/\text{NDF}: 5607.4/87$

- sign -19.667 ± 0.150 $\chi^2/\text{NDF}: 3007.5/43$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.306 ± 0.027 χ^2/NDF : 372.7/18

Left Out: 0.239 ± 0.007 χ^2/NDF : 93.5/24

Right Out: -0.431 ± 0.028 χ^2/NDF : 740.3/20

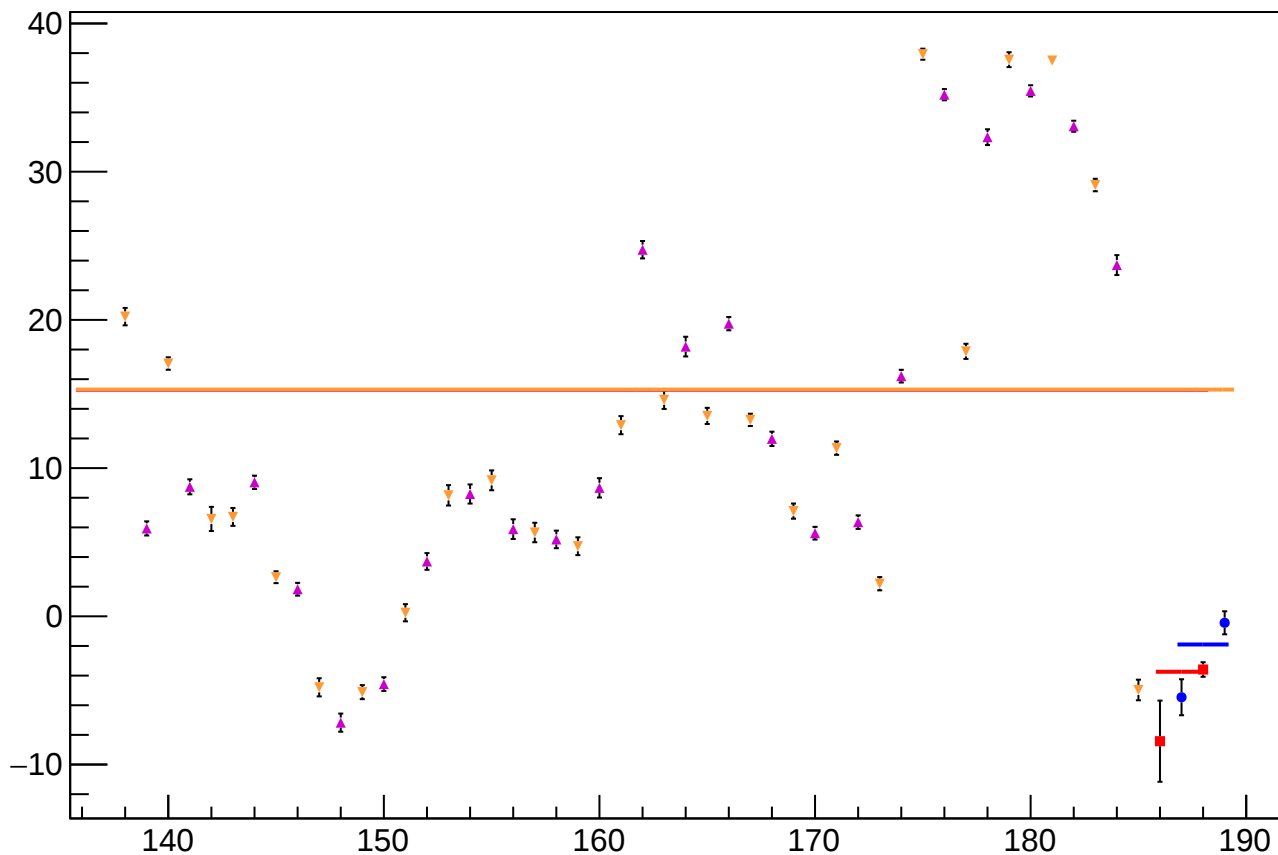
Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

+ sign 0.204 ± 0.007 χ^2/NDF : 844.7/43

All: 0.203 ± 0.005 χ^2/NDF : 2268.7/87

- sign 0.202 ± 0.007 χ^2/NDF : 1424.0/43

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: -1.900 ± 0.655 χ^2/NDF : 12.1/1

Left Out: 15.298 ± 0.101 χ^2/NDF : 19135.0/24

Right Out: -3.741 ± 0.484 χ^2/NDF : 3.0/1

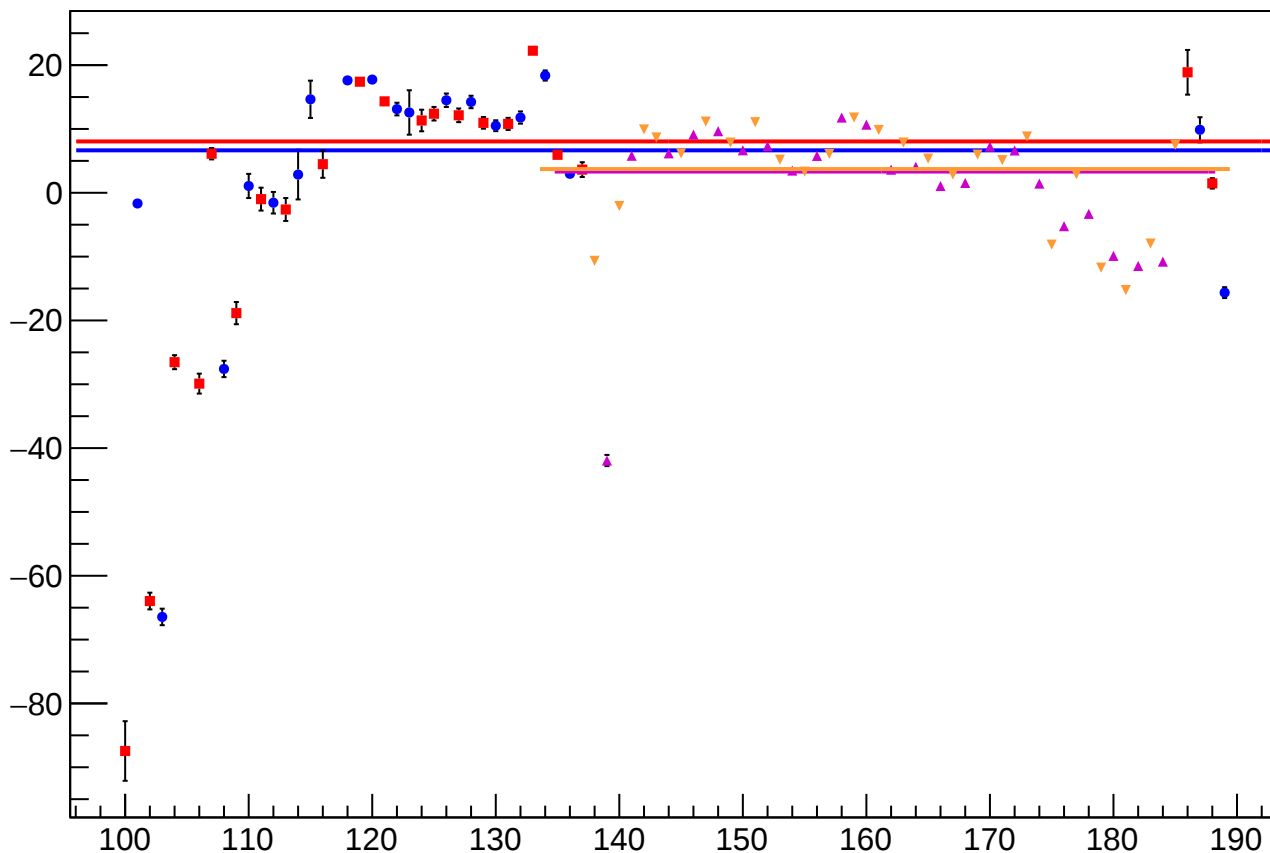
Left In: 15.268 ± 0.102 χ^2/NDF : 16406.3/22

+ sign 14.902 ± 0.100 χ^2/NDF : 19820.6/26

All: 14.681 ± 0.071 χ^2/NDF : 37716.2/51

- sign 14.458 ± 0.100 χ^2/NDF : 17885.7/24

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 6.649 ± 0.207 χ^2/NDF : 6099.8/18

Left Out: 3.717 ± 0.079 χ^2/NDF : 9201.0/24

Right Out: 8.045 ± 0.206 χ^2/NDF : 6782.5/20

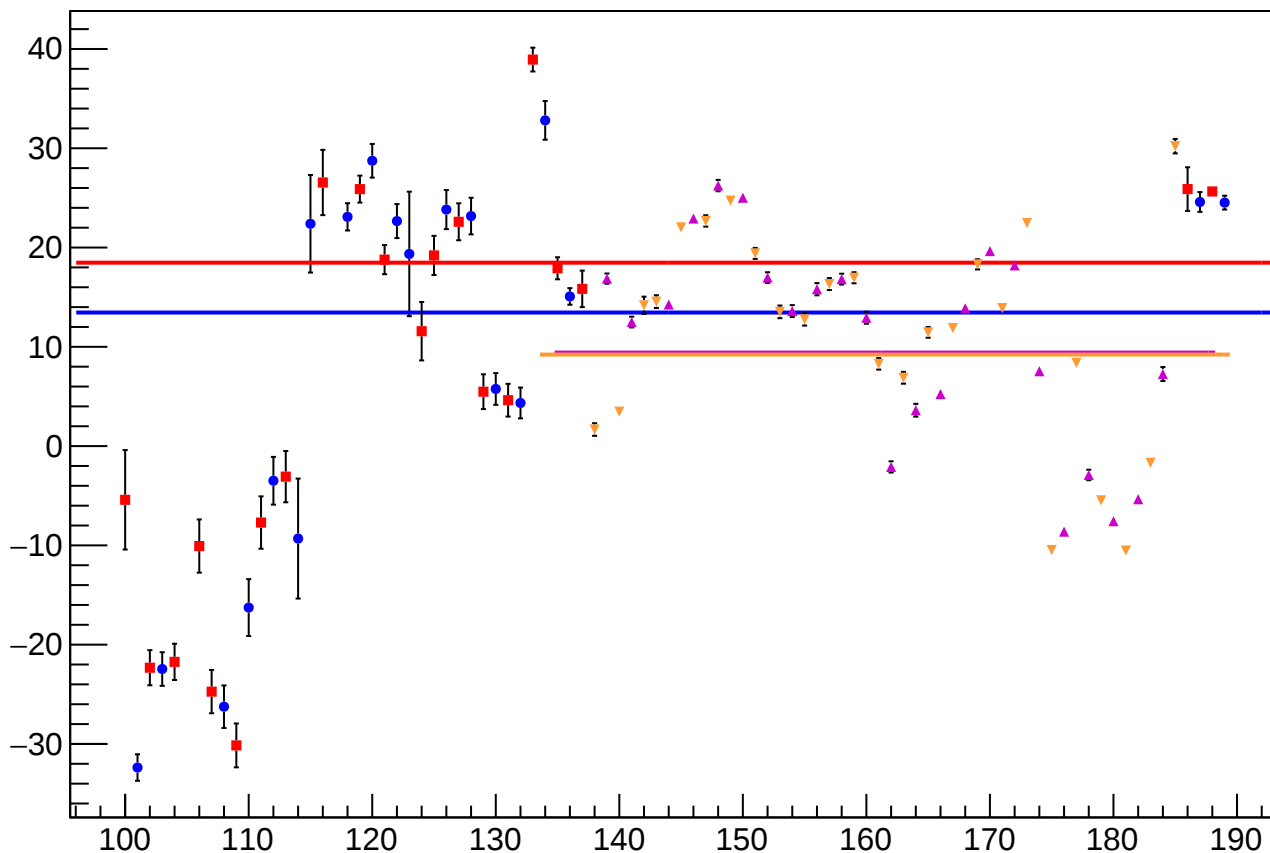
Left In: 3.327 ± 0.081 χ^2/NDF : 8830.5/22

+ sign 4.088 ± 0.074 χ^2/NDF : 15475.4/43

All: 4.025 ± 0.053 χ^2/NDF : 31544.1/87

- sign 3.958 ± 0.075 χ^2/NDF : 16067.2/43

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 13.455 $\pm$ 0.336 χ^2 /NDF: 2898.4/18

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

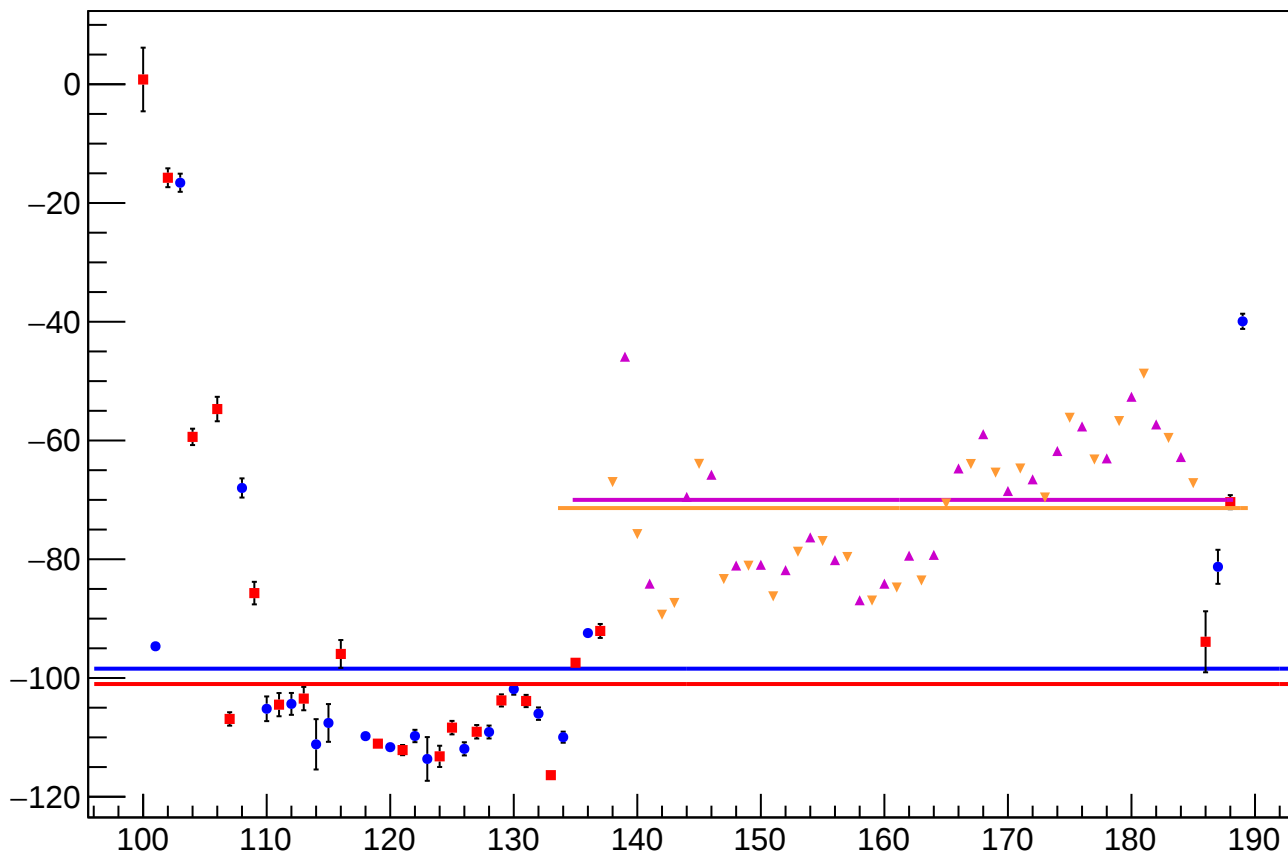
Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

+ sign 9.571 $\pm$ 0.097 χ^2 /NDF: 16660.7/43

All: 10.013 $\pm$ 0.068 χ^2 /NDF: 32675.8/87

- 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: -98.428 ± 0.243 χ^2/NDF : 6734.9/18

Left Out: -71.379 ± 0.089 χ^2/NDF : 16226.2/24

Right Out: -101.016 ± 0.241 χ^2/NDF : 6778.3/20

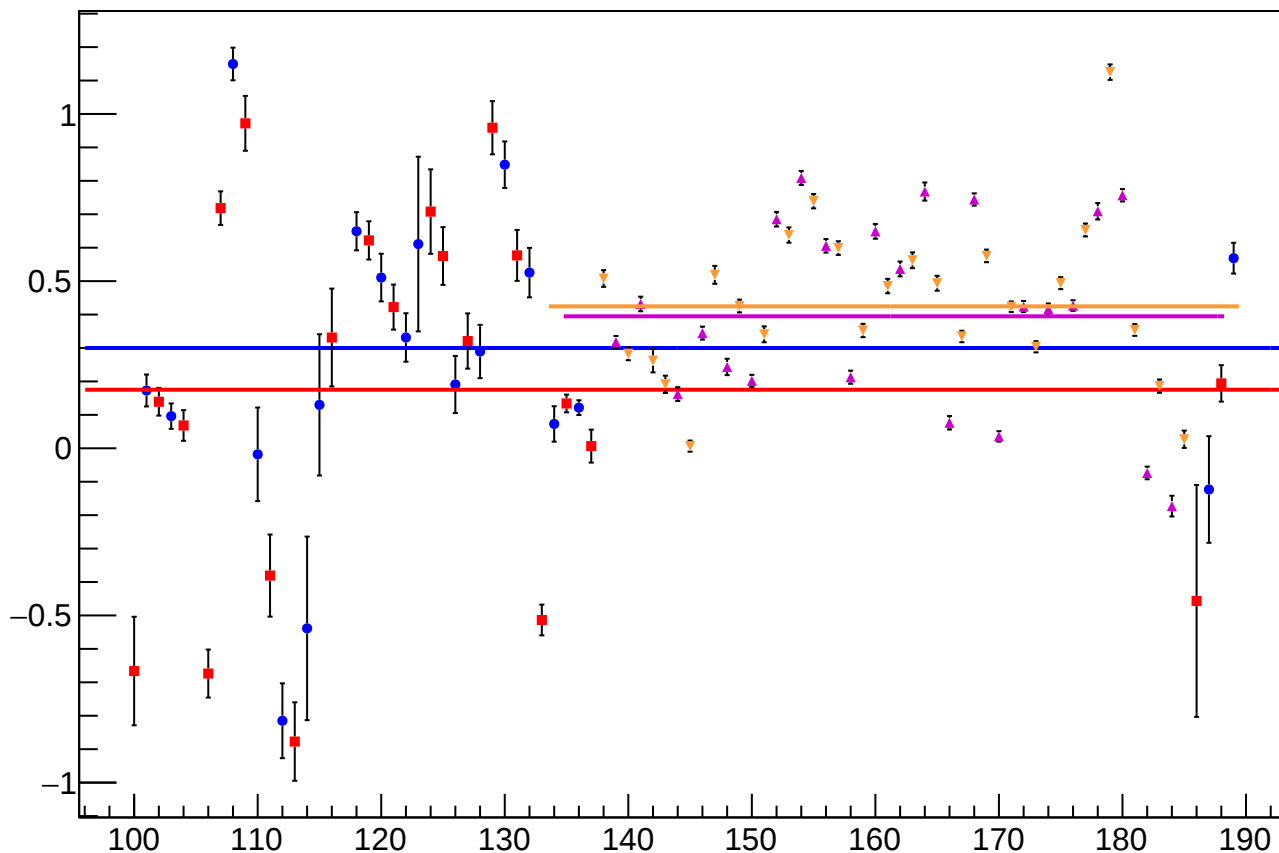
Left In: -69.999 ± 0.091 χ^2/NDF : 13188.0/22

+ sign -74.618 ± 0.084 χ^2/NDF : 33903.6/43

All: -74.268 ± 0.060 χ^2/NDF : 68405.6/87

- sign -73.905 ± 0.085 χ^2/NDF : 34466.6/43

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.300 $\pm$ 0.013 χ^2/NDF : 699.2/18

Left Out: 0.425 $\pm$ 0.004 χ^2/NDF : 2866.9/24

Right Out: 0.175 $\pm$ 0.013 χ^2/NDF : 970.1/20

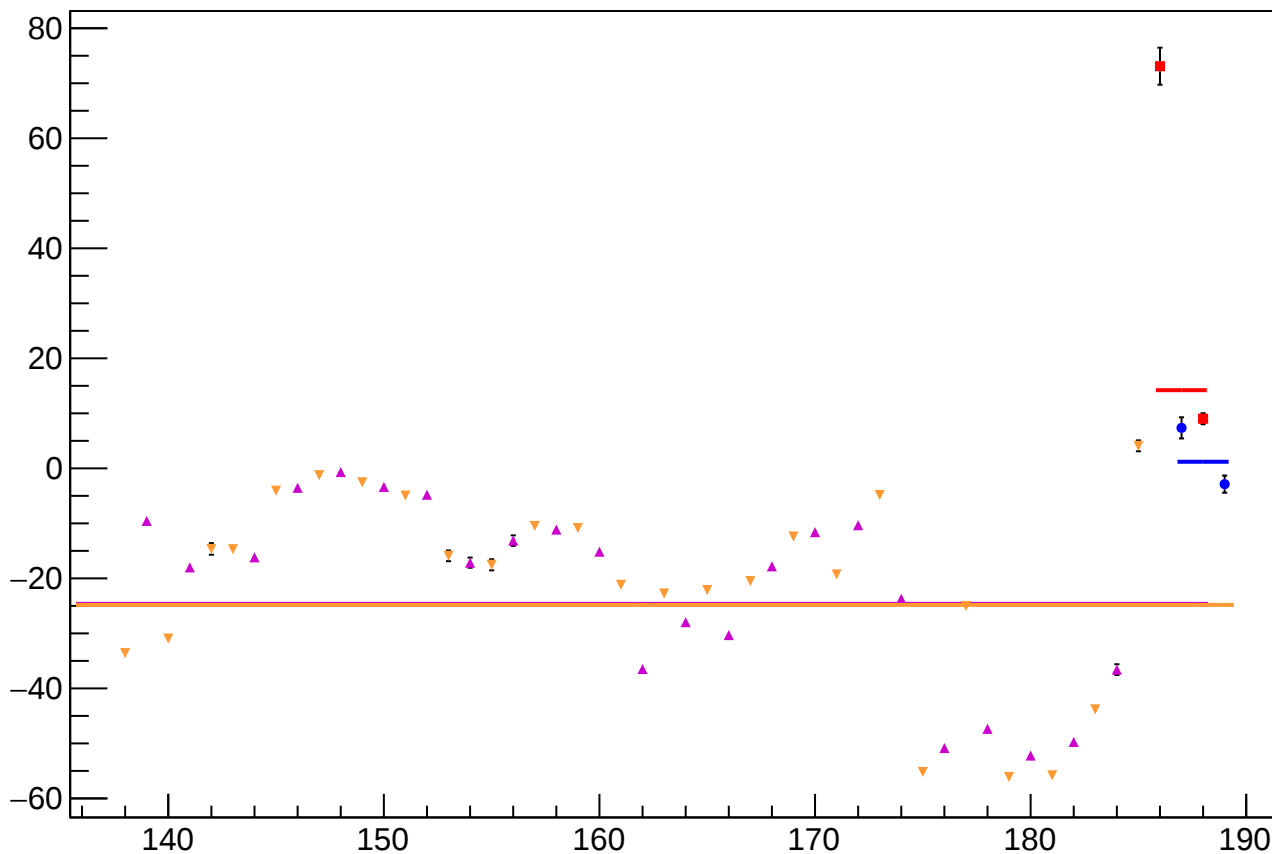
Left In: 0.395 $\pm$ 0.004 χ^2/NDF : 4063.1/22

+ sign 0.413 $\pm$ 0.004 χ^2/NDF : 3650.9/43

All: 0.394 $\pm$ 0.003 χ^2/NDF : 8989.6/87

- sign 0.375 $\pm$ 0.004 χ^2/NDF : 5290.8/43

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: 1.199+/-1.211 χ^2/NDF : 17.1/1

Left Out: -24.824+/-0.140 χ^2/NDF : 18274.6/24

Right Out: 14.211+/-0.959 χ^2/NDF : 332.5/1

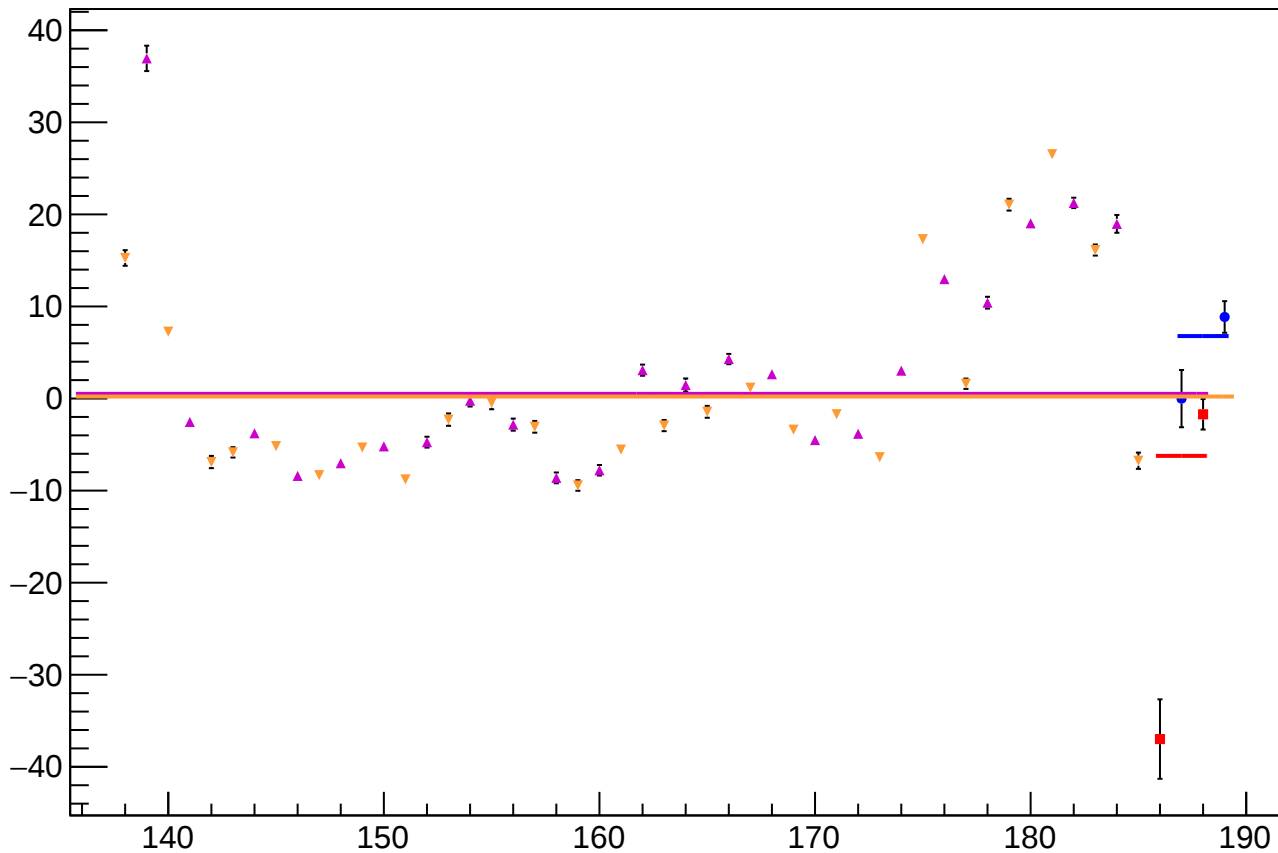
Left In: -24.635+/-0.142 χ^2/NDF : 14947.9/22

+ sign -24.482+/-0.139 χ^2/NDF : 18747.2/26

All: -24.146+/-0.099 χ^2/NDF : 35645.1/51

- sign -23.801+/-0.140 χ^2/NDF : 16886.0/24

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 6.785 $\pm$ 1.503 χ^2 /NDF: 6.2/1

Left Out: 0.218 $\pm$ 0.109 χ^2 /NDF:8252.6/24

Right Out: -6.227 $\pm$ 1.543 χ^2 /NDF: 58.3/1

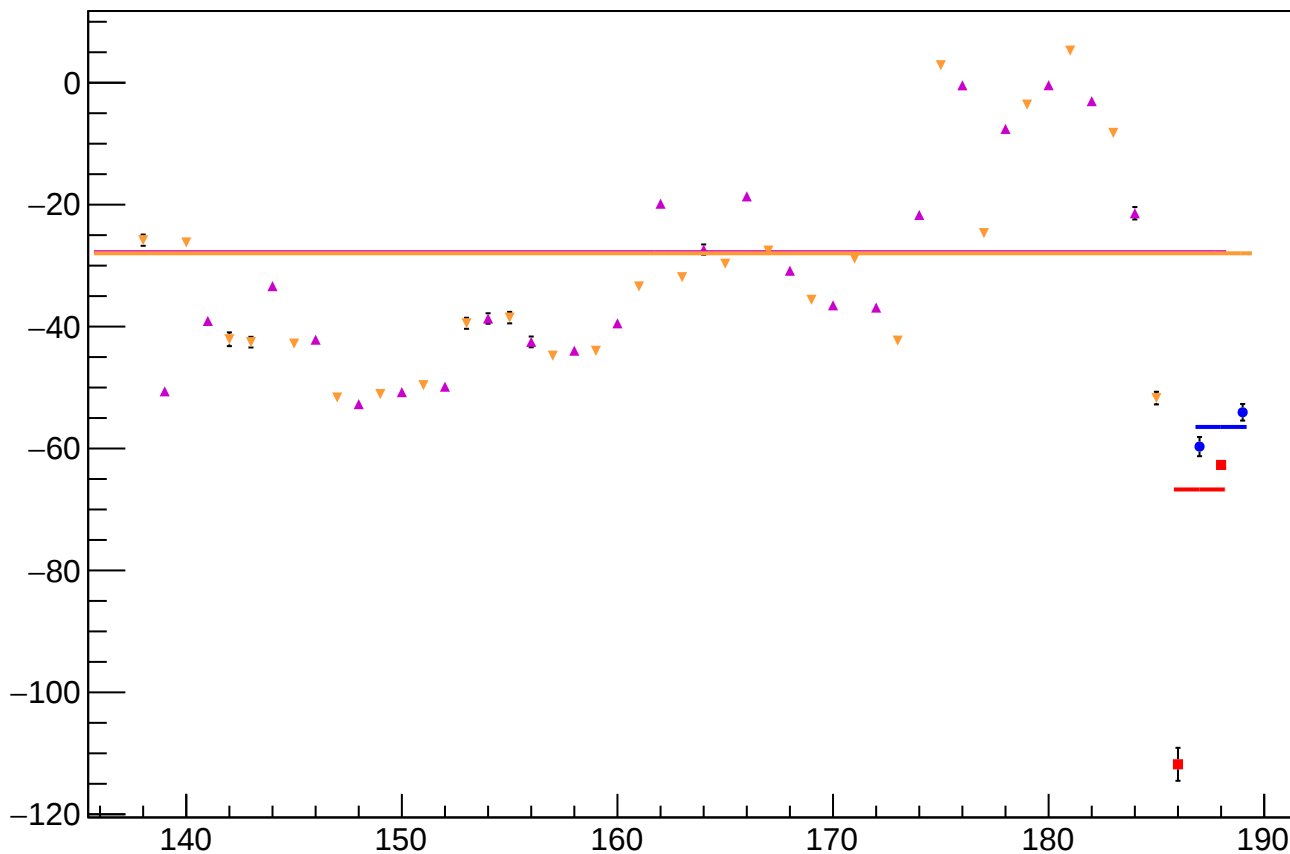
Left In: 0.507 $\pm$ 0.112 χ^2 /NDF:6626.9/22

+ sign 0.252 $\pm$ 0.109 χ^2 /NDF: 8277.8/26

All: 0.359 $\pm$ 0.078 χ^2 /NDF: 14983.9/51

- sign 0.472 $\pm$ 0.111 χ^2 /NDF: 6704.1/24

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -56.462 ± 1.032 χ^2/NDF : 7.3/1

Left Out: -27.977 ± 0.140 χ^2/NDF : 17079.0/24

Right Out: -66.718 ± 0.774 χ^2/NDF : 302.4/1

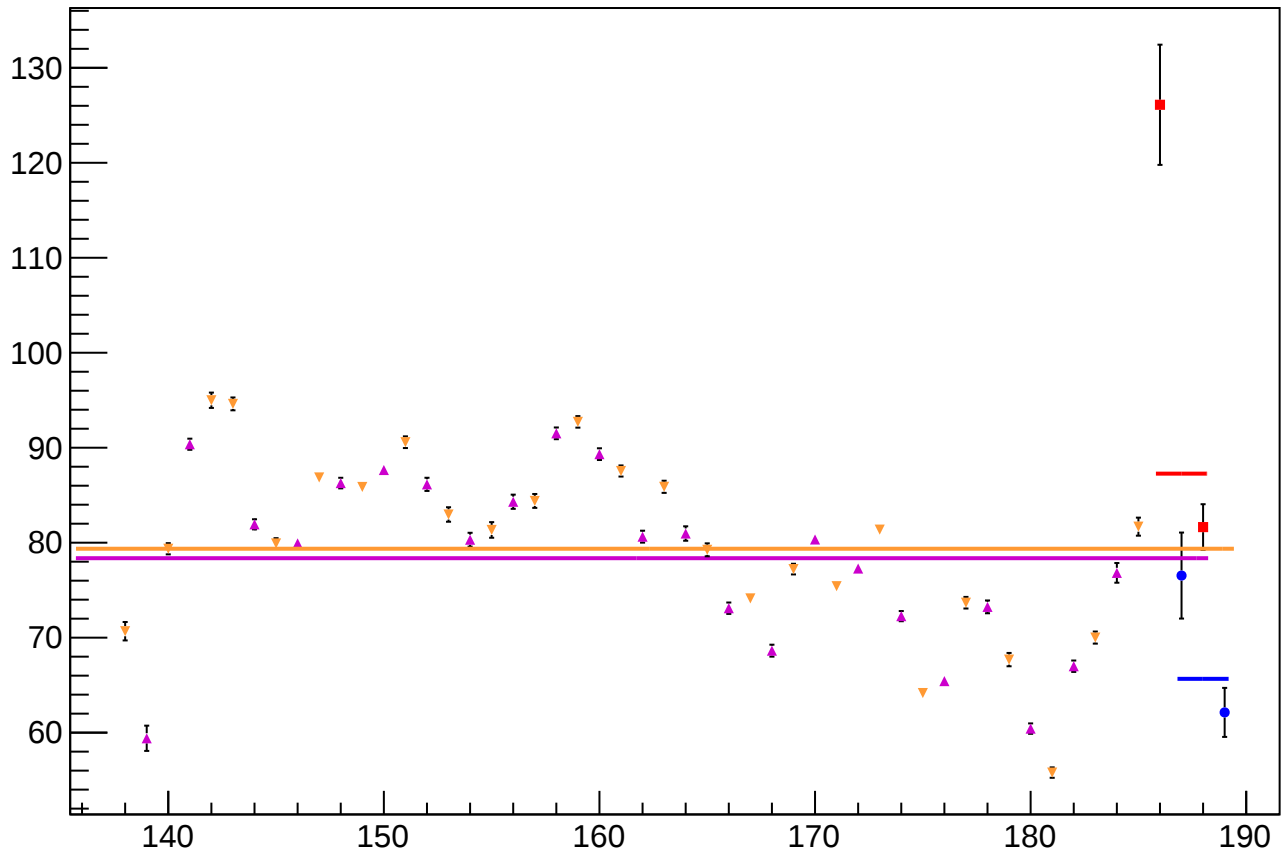
Left In: -27.796 ± 0.142 χ^2/NDF : 15193.3/22

+ sign -28.492 ± 0.139 χ^2/NDF : 17833.7/26

All: -28.774 ± 0.098 χ^2/NDF : 35782.3/51

- sign -29.059 ± 0.139 χ^2/NDF : 17940.2/24

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 65.665 $\pm$ 2.243 χ^2 /NDF: 7.6/1

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

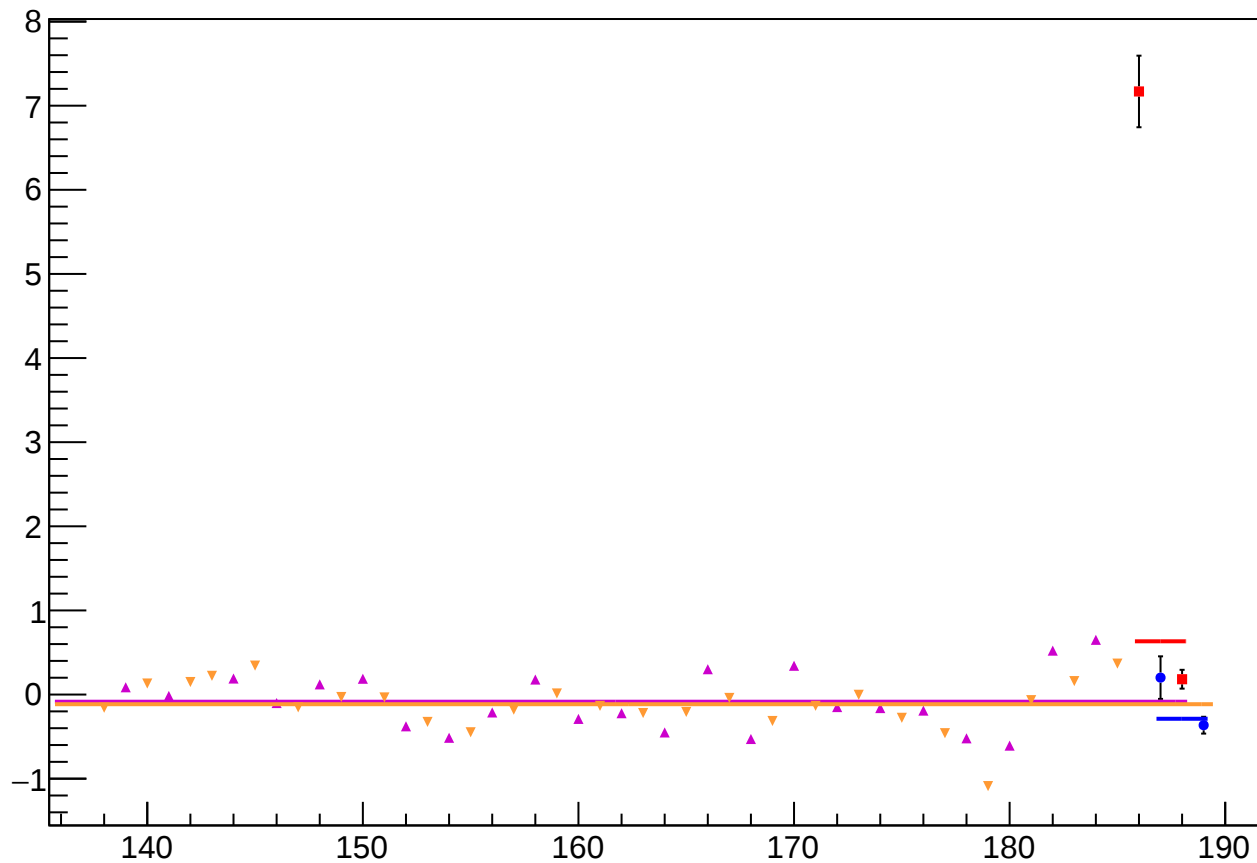
Left In: 78.367 $\pm$ 0.126 χ^2 /NDF: 4735.5/22

+ sign 79.322 $\pm$ 0.123 χ^2 /NDF: 6011.1/26

All: 78.869 $\pm$ 0.088 χ^2 /NDF: 10833.0/51

- sign 78.395 $\pm$ 0.126 χ^2 /NDF: 4794.2/24

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.288 ± 0.093 χ^2/NDF : 4.3/1

Left Out: -0.115 ± 0.006 χ^2/NDF : 2288.7/24

Right Out: 0.633 ± 0.108 χ^2/NDF : 252.3/1

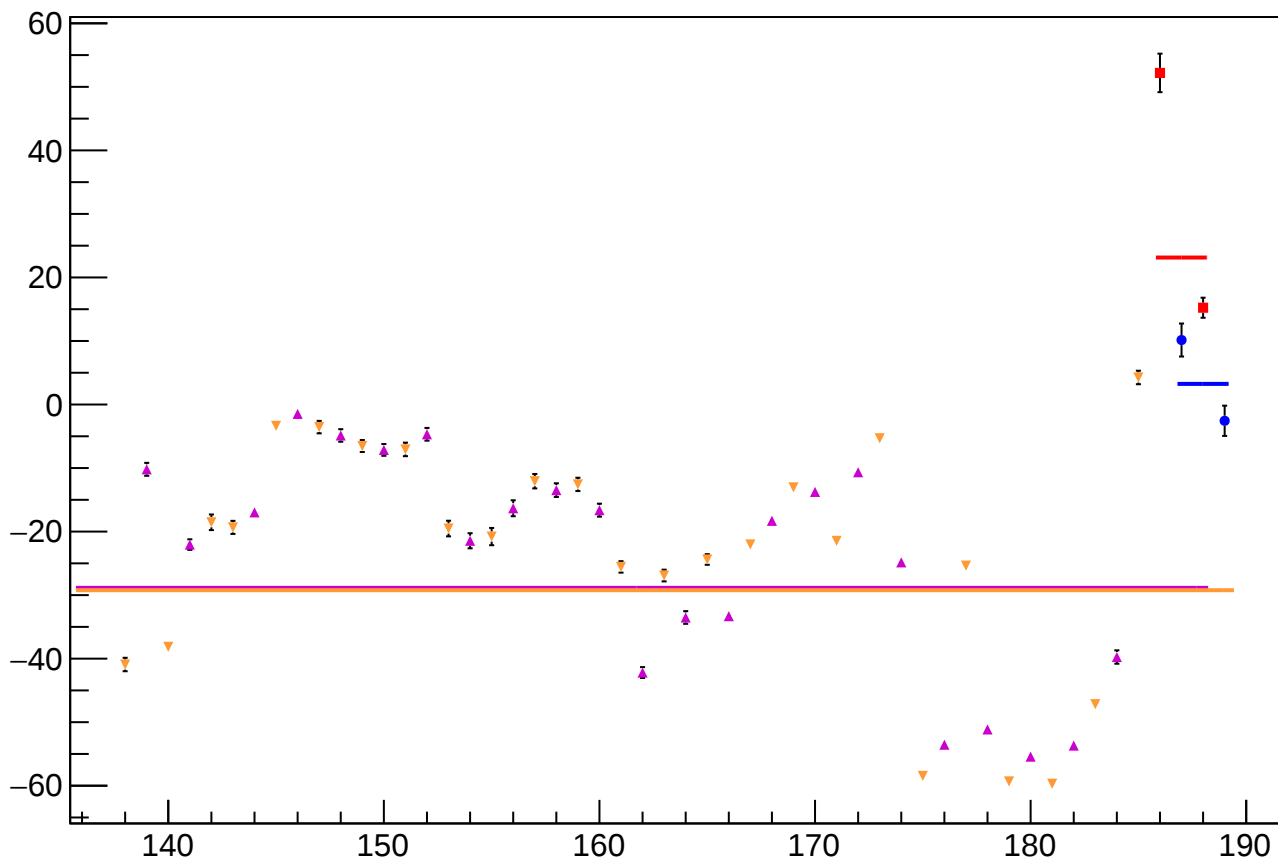
Left In: -0.085 ± 0.006 χ^2/NDF : 3148.4/22

+ sign -0.115 ± 0.006 χ^2/NDF : 2296.5/26

All: -0.099 ± 0.004 χ^2/NDF : 5757.3/51

- sign -0.083 ± 0.006 χ^2/NDF : 3444.8/24

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: 3.246 $\pm$ 1.755 χ^2 /NDF: 13.0/1

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

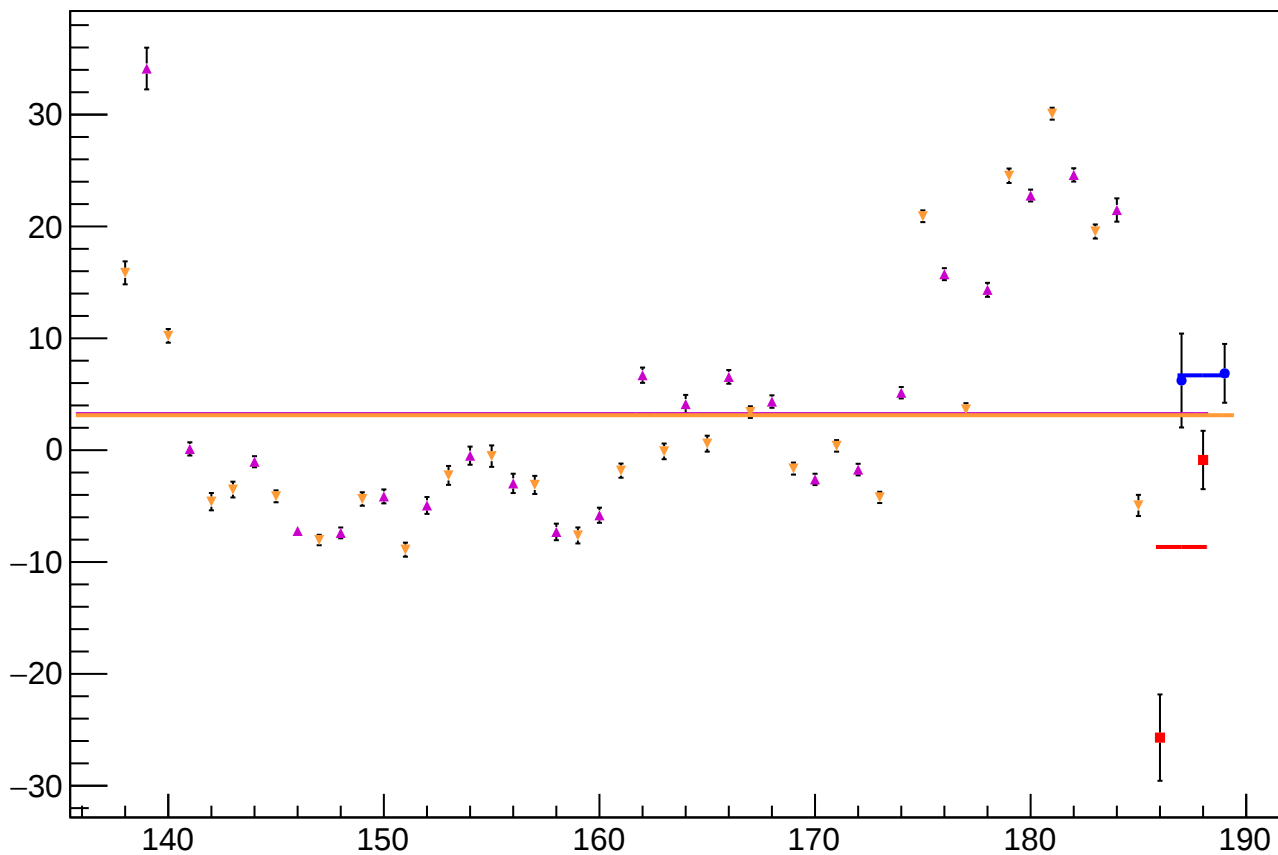
Left In: -28.857 $\pm$ 0.159 χ^2 /NDF:13553.6/22

+ sign -28.969 $\pm$ 0.156 χ^2 /NDF: 17232.8/26

All: -28.586 $\pm$ 0.111 χ^2 /NDF: 32275.3/51

- sign -28.195 $\pm$ 0.158 χ^2 /NDF: 15030.4/24

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 6.689+/-2.228 χ^2/NDF : 0.0/1

Left Out: 3.126+/-0.125 χ^2/NDF :8049.0/24

Right Out: -8.654+/-2.161 χ^2/NDF : 28.4/1

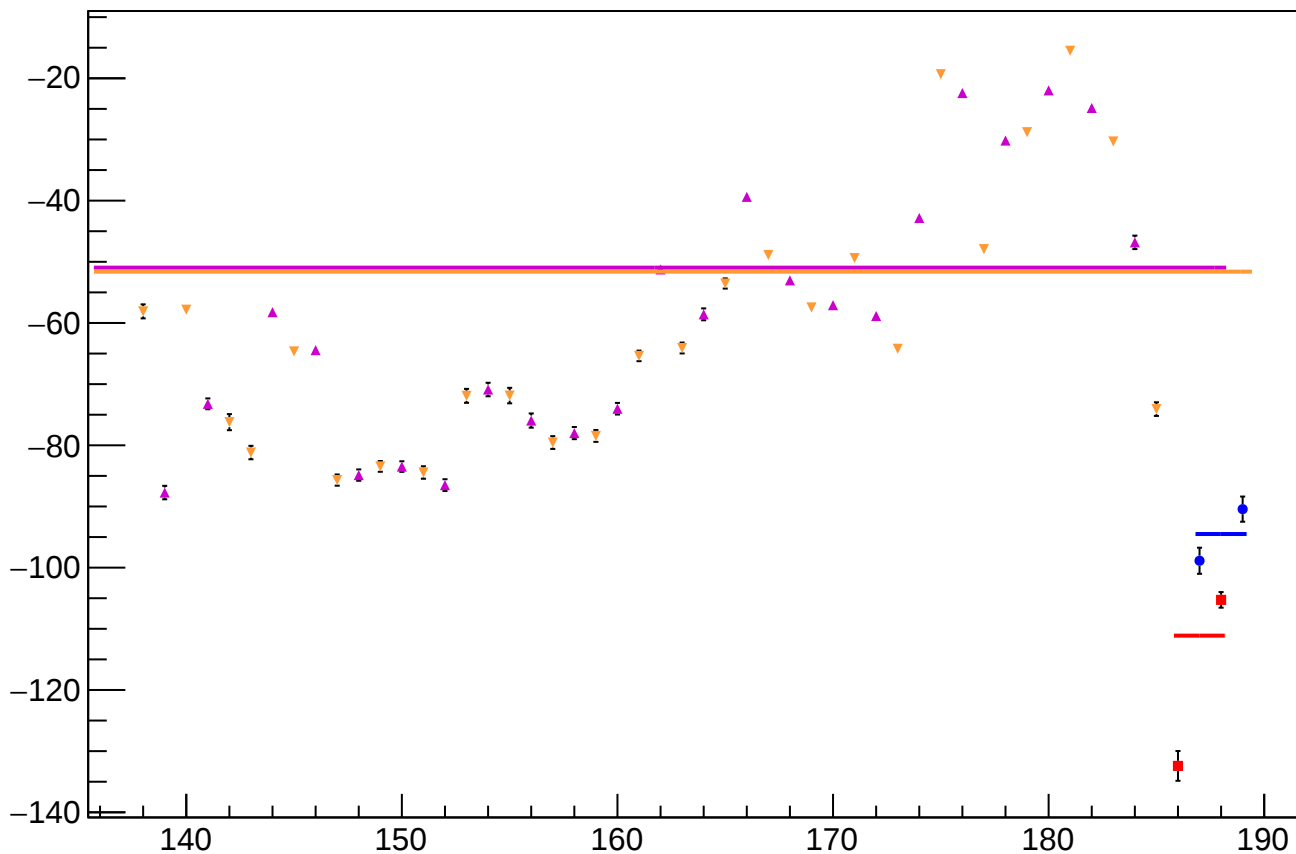
Left In: 3.224+/-0.127 χ^2/NDF :6274.0/22

+ sign 3.137+/-0.124 χ^2/NDF : 8051.6/26

All: 3.160+/-0.089 χ^2/NDF : 14384.1/51

- sign 3.183+/-0.126 χ^2/NDF : 6332.5/24

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -94.503 ± 1.482 $\chi^2/\text{NDF}: 8.1/1$

Left Out: -51.610 ± 0.158 $\chi^2/\text{NDF}: 19384.9/24$

Right Out: -111.117 ± 1.130 $\chi^2/\text{NDF}: 97.5/1$

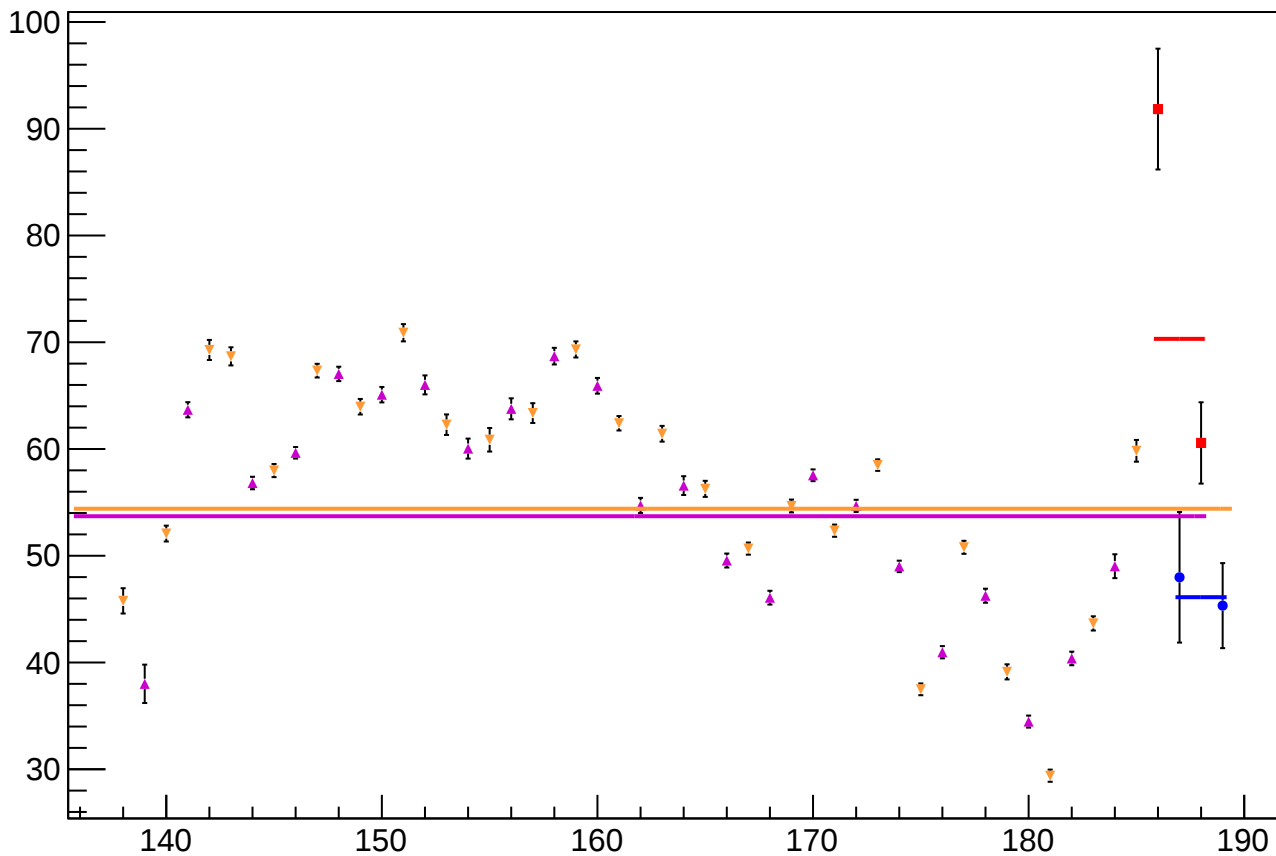
Left In: -50.954 ± 0.159 $\chi^2/\text{NDF}: 17472.2/22$

+ sign -52.093 ± 0.157 $\chi^2/\text{NDF}: 20221.7/26$

All: -52.111 ± 0.111 $\chi^2/\text{NDF}: 40570.3/51$

- sign -52.128 ± 0.158 $\chi^2/\text{NDF}: 20348.6/24$

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 46.118 $\pm$ 3.338 χ^2 /NDF: 0.1/1

Left Out: 54.407 $\pm$ 0.141 χ^2 /NDF: 6200.4/24

Right Out: 70.318 $\pm$ 3.160 χ^2 /NDF: 21.0/1

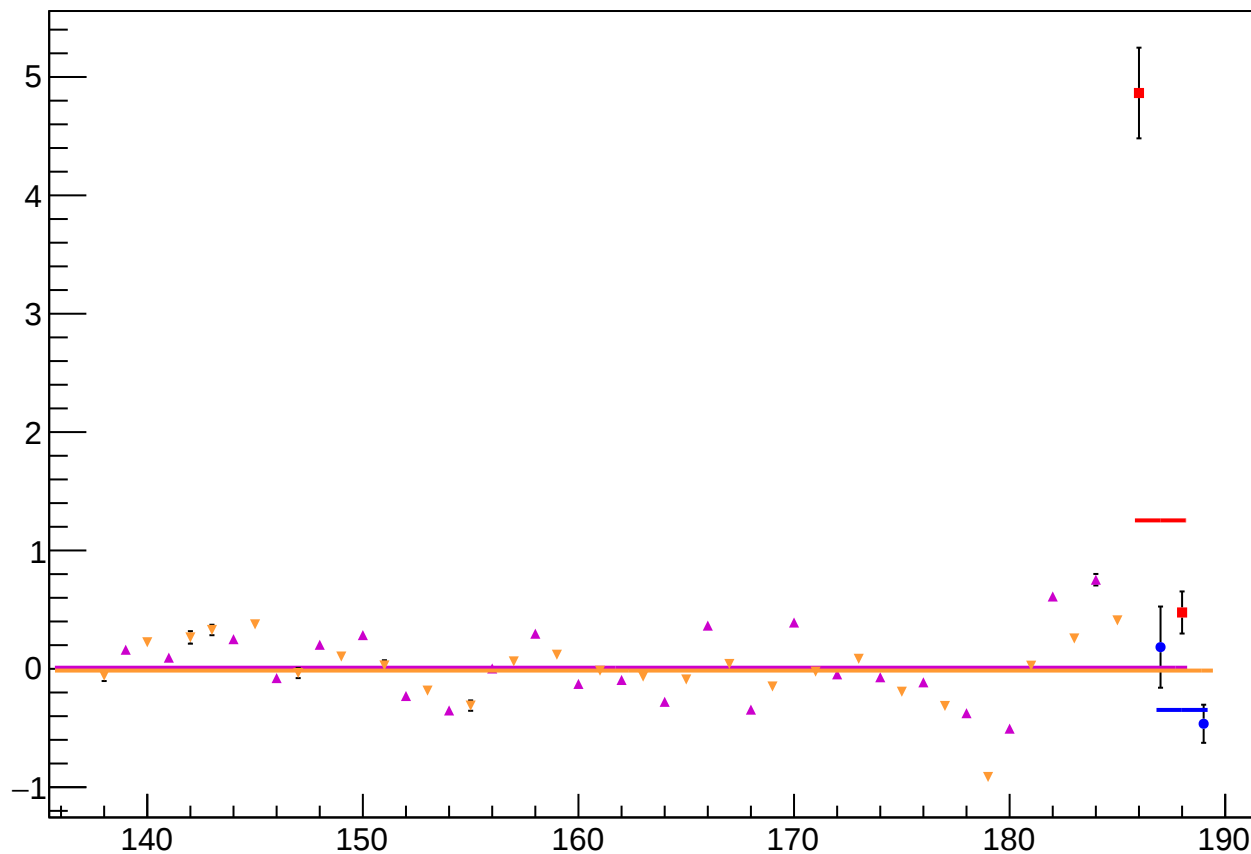
Left In: 53.704 $\pm$ 0.143 χ^2 /NDF: 4603.5/22

+ sign 54.392 $\pm$ 0.140 χ^2 /NDF: 6206.7/26

All: 54.069 $\pm$ 0.100 χ^2 /NDF: 10869.6/51

- sign 53.737 $\pm$ 0.142 χ^2 /NDF: 4652.1/24

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.347 ± 0.146 χ^2/NDF : 2.9/1

Left Out: -0.015 ± 0.006 χ^2/NDF : 1645.9/24

Right Out: 1.254 ± 0.161 χ^2/NDF : 108.0/1

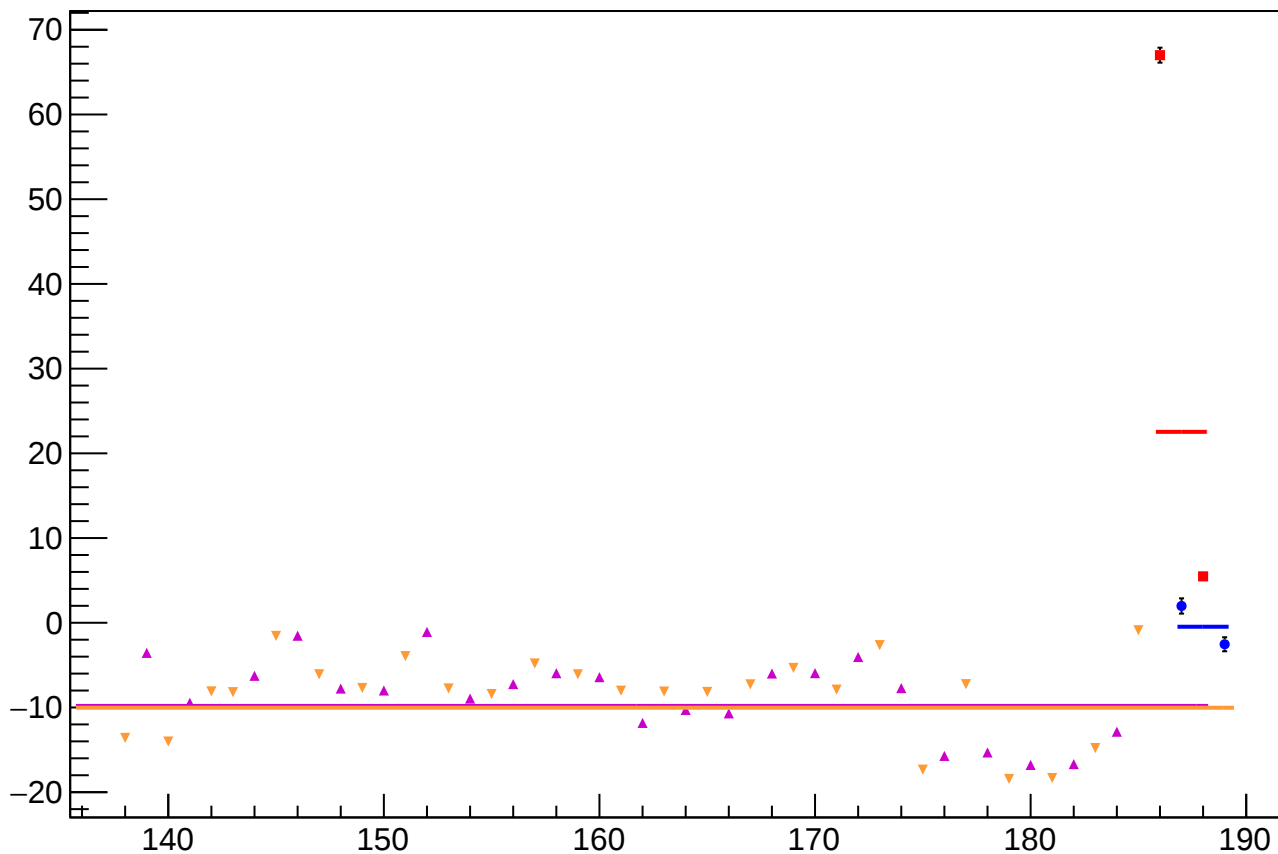
Left In: 0.009 ± 0.007 χ^2/NDF : 2228.9/22

+ sign -0.015 ± 0.006 χ^2/NDF : 1654.0/26

All: -0.002 ± 0.005 χ^2/NDF : 4058.9/51

- sign 0.011 ± 0.007 χ^2/NDF : 2396.4/24

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -0.469 ± 0.610 χ^2/NDF : 13.6/1

Left Out: -10.030 ± 0.051 χ^2/NDF : 12530.2/24

Right Out: 22.539 ± 0.466 χ^2/NDF : 3494.1/1

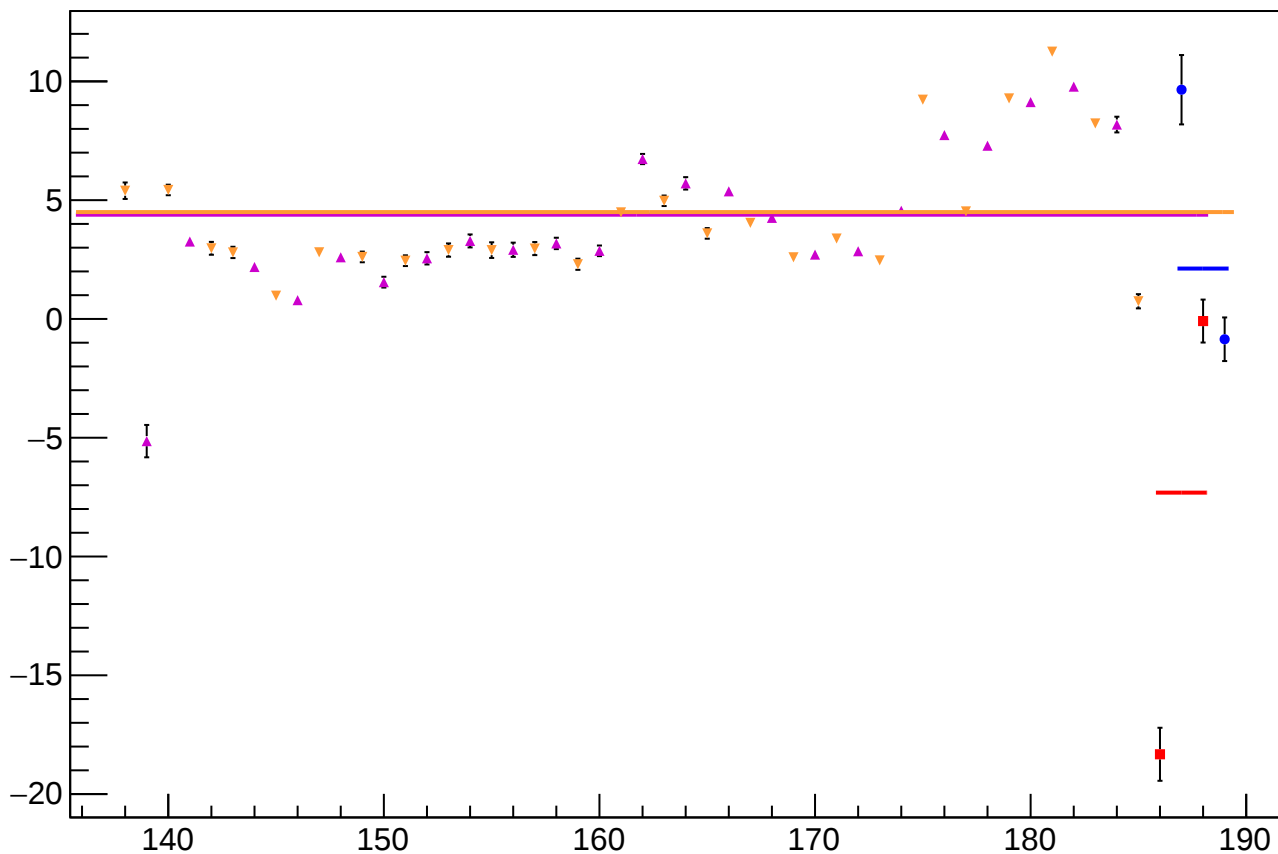
Left In: -9.820 ± 0.051 χ^2/NDF : 9468.8/22

+ sign -9.964 ± 0.051 χ^2/NDF : 12787.5/26

All: -9.701 ± 0.036 χ^2/NDF : 30570.0/51

- sign -9.434 ± 0.051 χ^2/NDF : 17727.9/24

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 2.121+/-0.777 χ^2/NDF : 37.1/1

Left Out: 4.499+/-0.041 χ^2/NDF : 4809.3/24

Right Out: -7.311+/-0.702 χ^2/NDF : 161.2/1

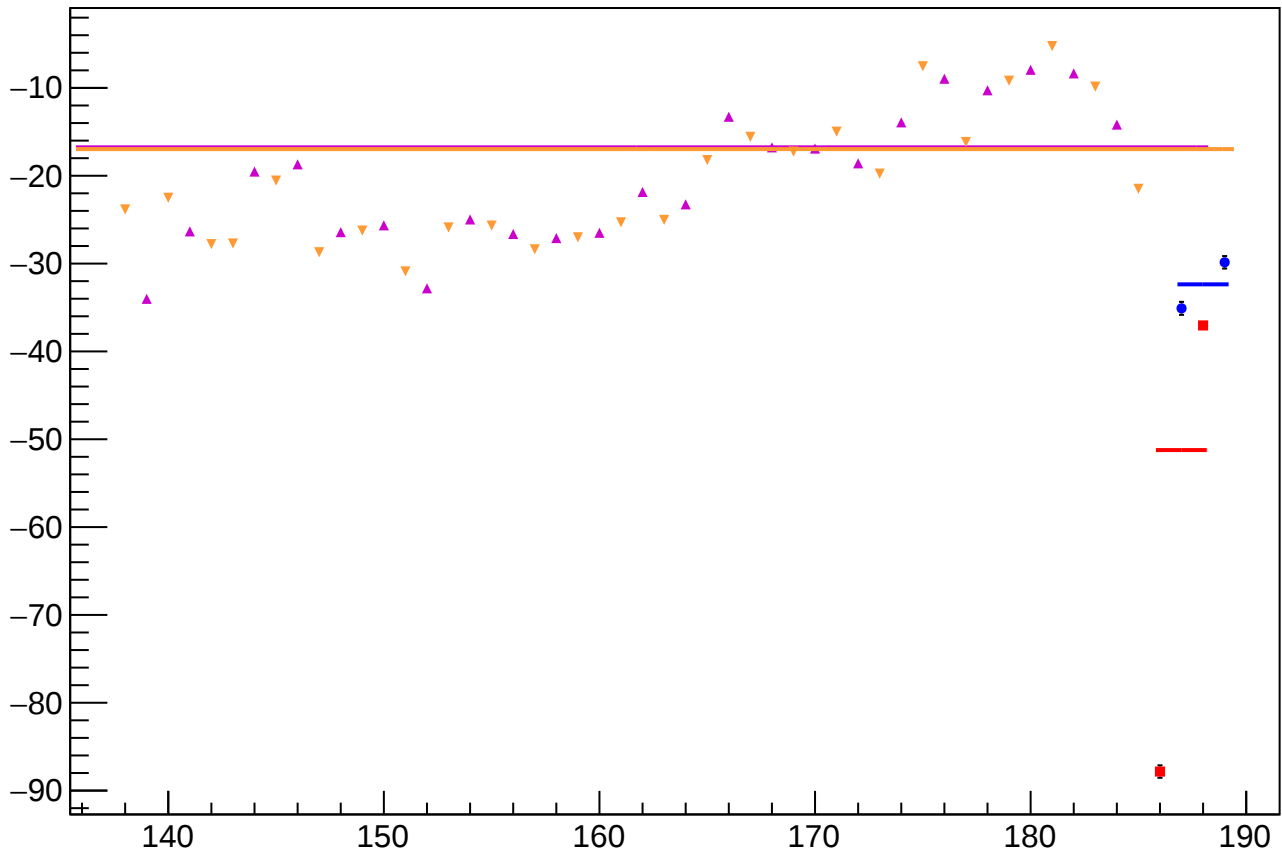
Left In: 4.388+/-0.041 χ^2/NDF : 4266.4/22

+ sign 4.492+/-0.041 χ^2/NDF : 4855.7/26

All: 4.421+/-0.029 χ^2/NDF : 9566.1/51

- sign 4.348+/-0.041 χ^2/NDF : 4704.1/24

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -32.364 ± 0.513 $\chi^2/\text{NDF}: 26.1/1$

Left Out: -16.965 ± 0.051 $\chi^2/\text{NDF}: 21902.1/24$

Right Out: -51.232 ± 0.376 $\chi^2/\text{NDF}: 3678.2/1$

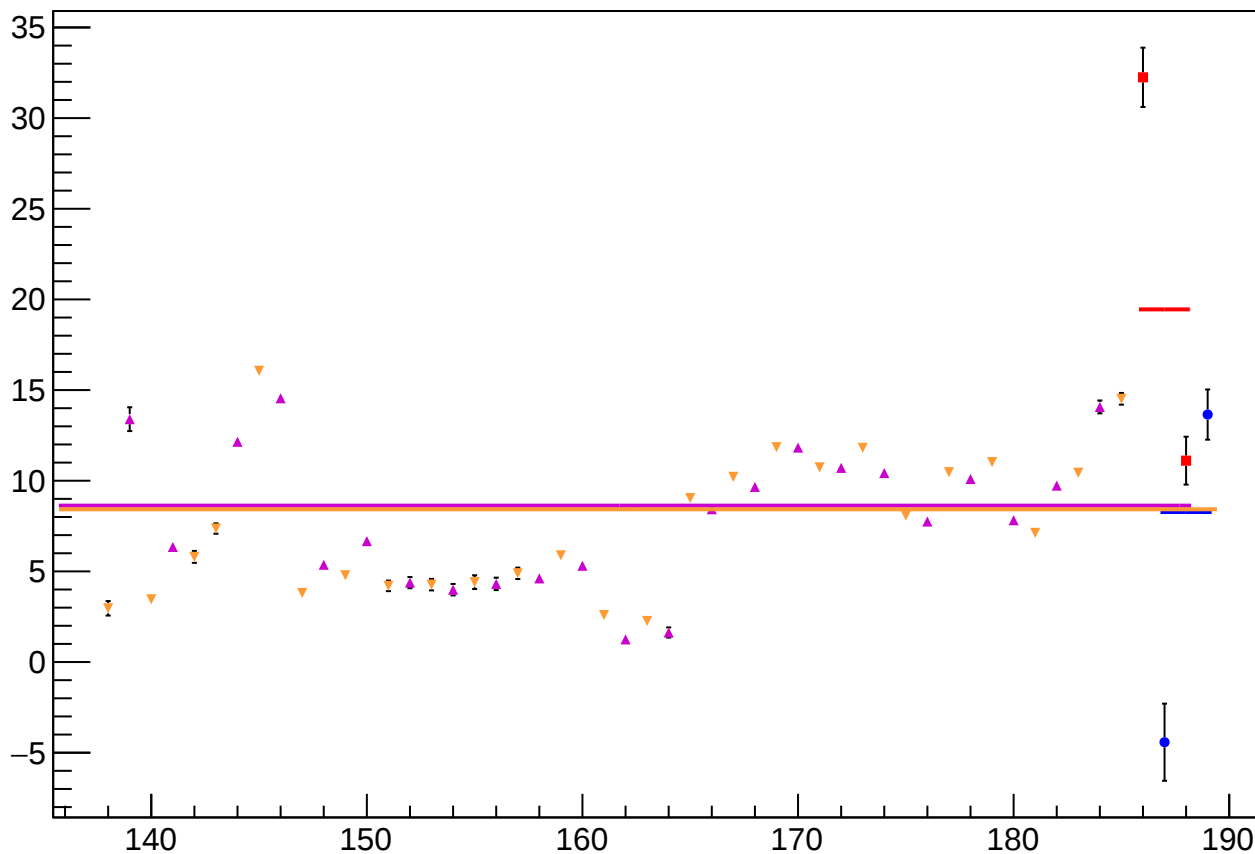
Left In: -16.764 ± 0.051 $\chi^2/\text{NDF}: 19037.7/22$

+ sign -17.117 ± 0.051 $\chi^2/\text{NDF}: 22820.3/26$

All: -17.256 ± 0.036 $\chi^2/\text{NDF}: 53811.2/51$

- sign -17.396 ± 0.051 $\chi^2/\text{NDF}: 30975.8/24$

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 8.275+/-1.161 χ^2/NDF : 50.7/1

Left Out: 8.424+/-0.046 χ^2/NDF : 6478.6/24

Right Out: 19.450+/-1.027 χ^2/NDF : 101.2/1

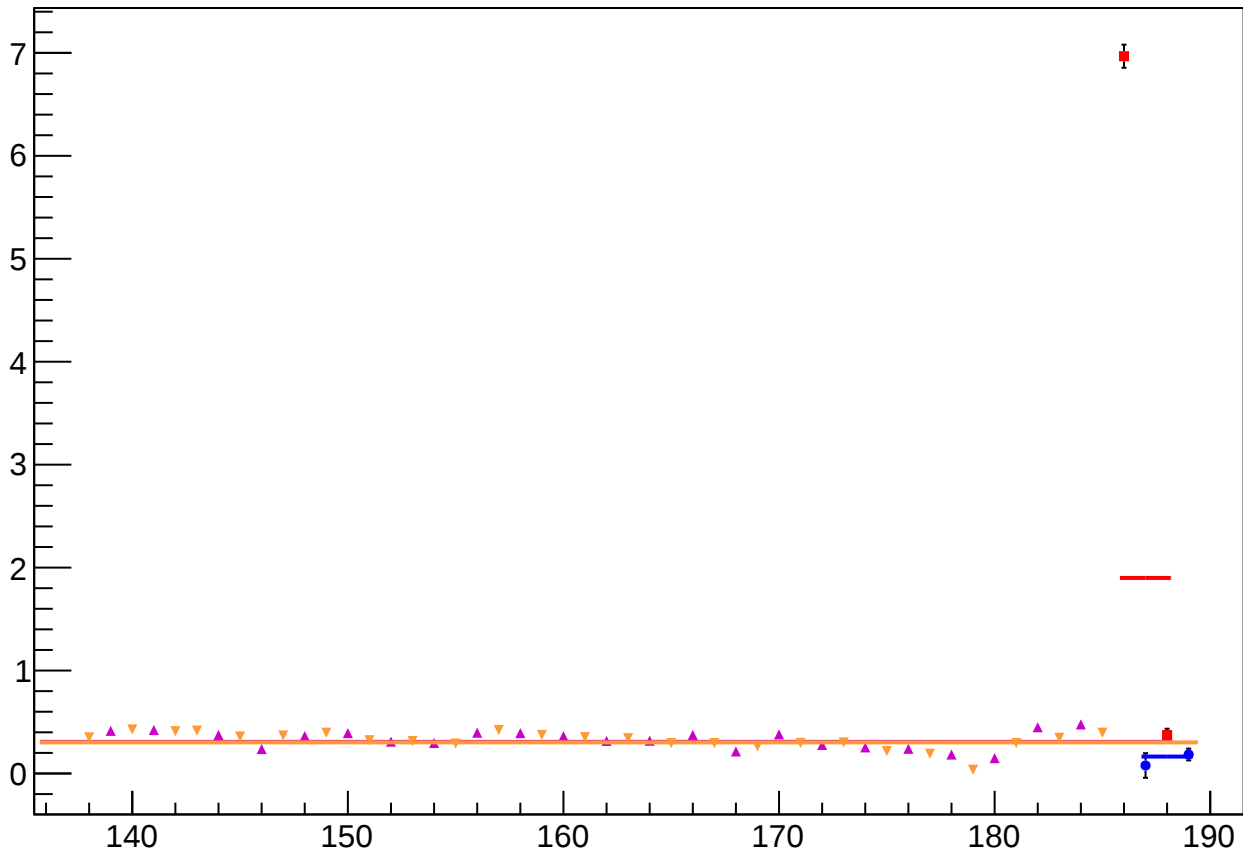
Left In: 8.626+/-0.046 χ^2/NDF : 5531.9/22

+ sign 8.424+/-0.046 χ^2/NDF : 6529.3/26

All: 8.535+/-0.032 χ^2/NDF : 12285.1/51

- sign 8.648+/-0.046 χ^2/NDF : 5743.9/24

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.164 $\pm$ 0.052 χ^2 /NDF: 0.7/1

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

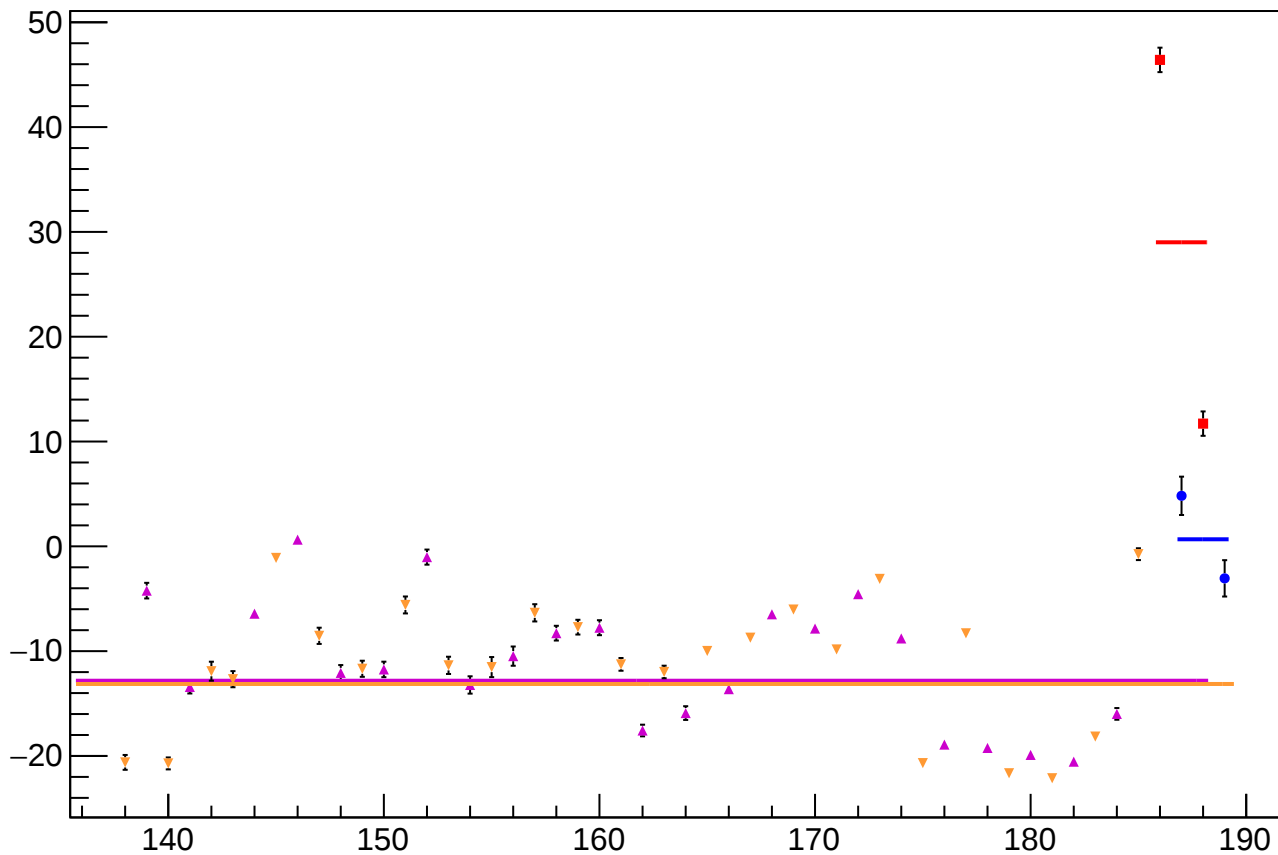
Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22

+ sign 0.302 $\pm$ 0.002 χ^2 /NDF: 1597.6/26

All: 0.306 $\pm$ 0.001 χ^2 /NDF: 6845.2/51

- sign 0.310 $\pm$ 0.002 χ^2 /NDF: 5241.2/24

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.673 ± 1.258 χ^2/NDF : 9.8/1

Left Out: -13.133 ± 0.094 χ^2/NDF : 5974.5/24

Right Out: 29.009 ± 0.824 χ^2/NDF : 443.8/1

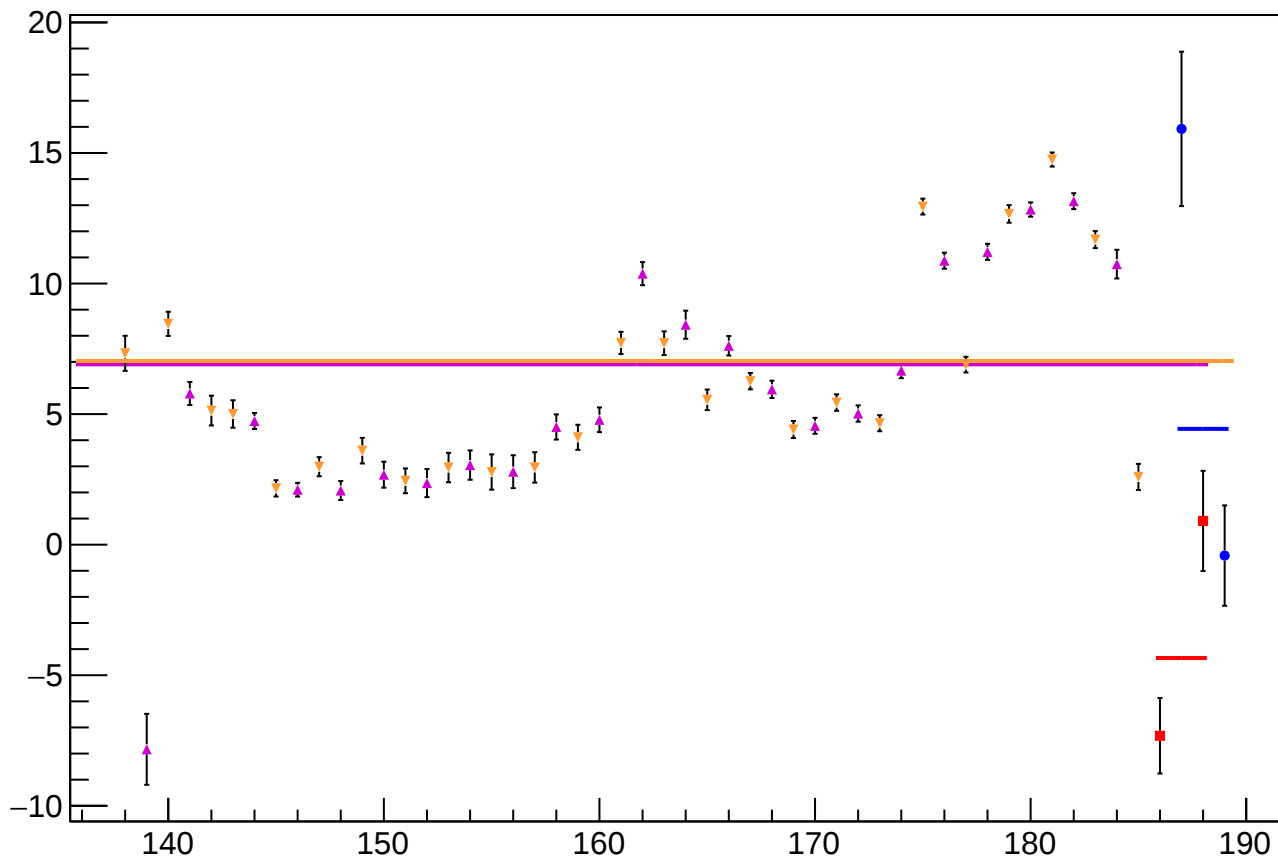
Left In: -12.823 ± 0.095 χ^2/NDF : 4841.5/22

+ sign -13.056 ± 0.093 χ^2/NDF : 6103.9/26

All: -12.669 ± 0.066 χ^2/NDF : 13969.6/51

- sign -12.277 ± 0.094 χ^2/NDF : 7831.1/24

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 4.435 ± 1.611 $\chi^2/\text{NDF}: 21.5/1$

Left Out: 7.034 ± 0.077 $\chi^2/\text{NDF}: 2657.5/24$

Right Out: -4.339 ± 1.155 $\chi^2/\text{NDF}: 11.7/1$

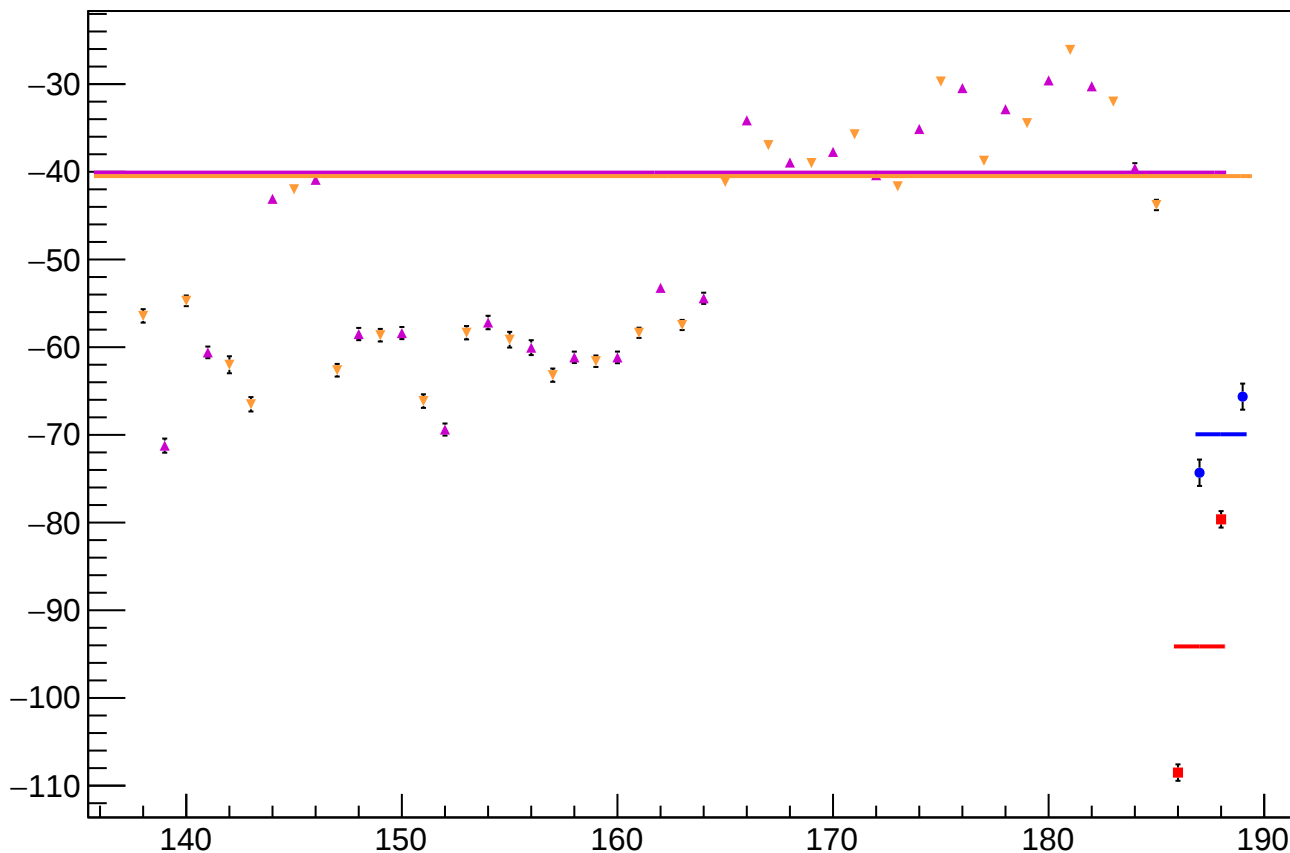
Left In: 6.906 ± 0.077 $\chi^2/\text{NDF}: 2442.8/22$

+ sign 7.028 ± 0.077 $\chi^2/\text{NDF}: 2681.6/26$

All: 6.942 ± 0.055 $\chi^2/\text{NDF}: 5233.1/51$

- sign 6.856 ± 0.077 $\chi^2/\text{NDF}: 2549.0/24$

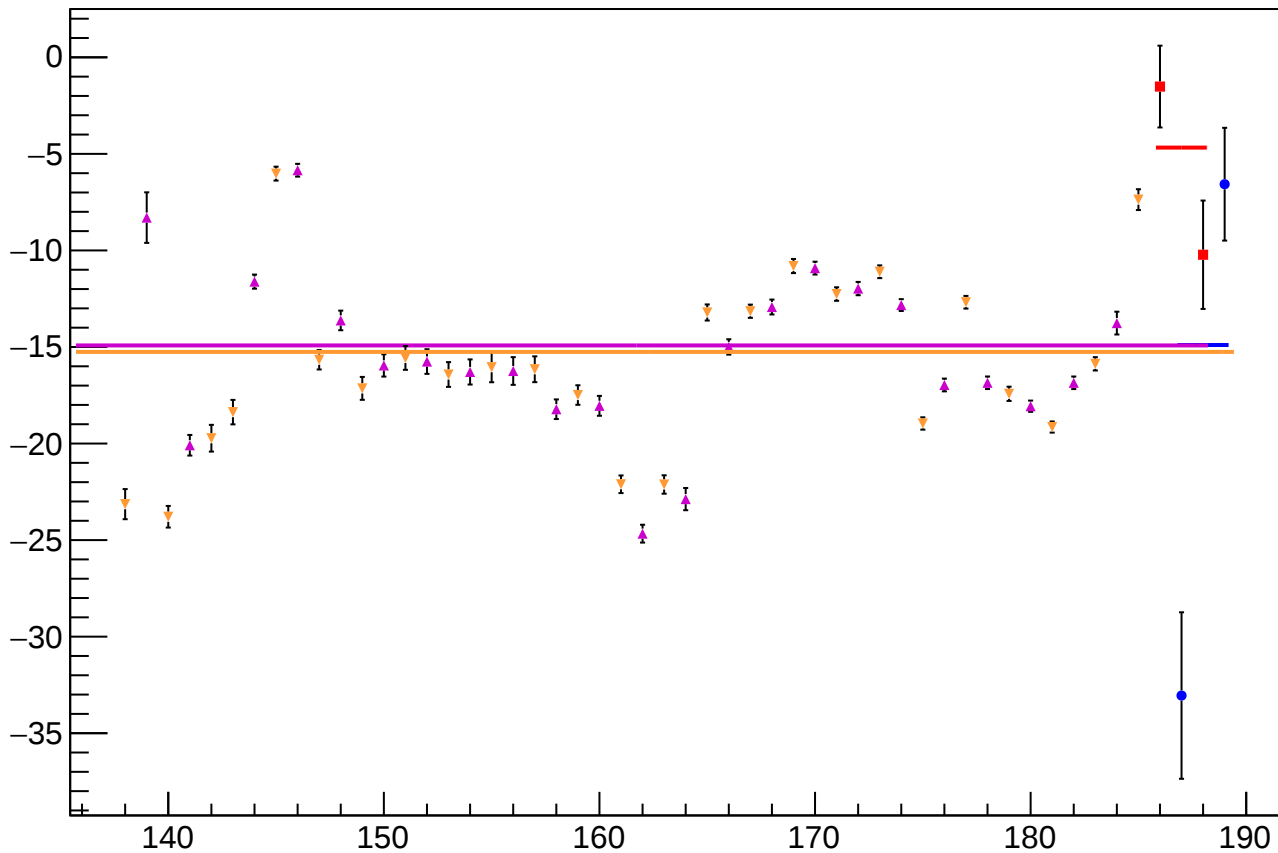
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -69.931 ± 1.057 $\chi^2/\text{NDF}: 16.9/1$
 Left Out: -40.492 ± 0.095 $\chi^2/\text{NDF}: 15435.0/24$
 Right Out: -94.124 ± 0.663 $\chi^2/\text{NDF}: 474.6/1$
 Left In: -40.091 ± 0.095 $\chi^2/\text{NDF}: 14103.5/22$

+ sign -40.727 ± 0.094 $\chi^2/\text{NDF}: 16221.4/26$
 All: -40.956 ± 0.067 $\chi^2/\text{NDF}: 37322.3/51$
 - sign -41.184 ± 0.094 $\chi^2/\text{NDF}: 21089.3/24$

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -14.898 ± 2.418 $\chi^2/\text{NDF}: 25.9/1$

Left Out: -15.254 ± 0.086 $\chi^2/\text{NDF}: 2594.4/24$

Right Out: -4.675 ± 1.690 $\chi^2/\text{NDF}: 6.1/1$

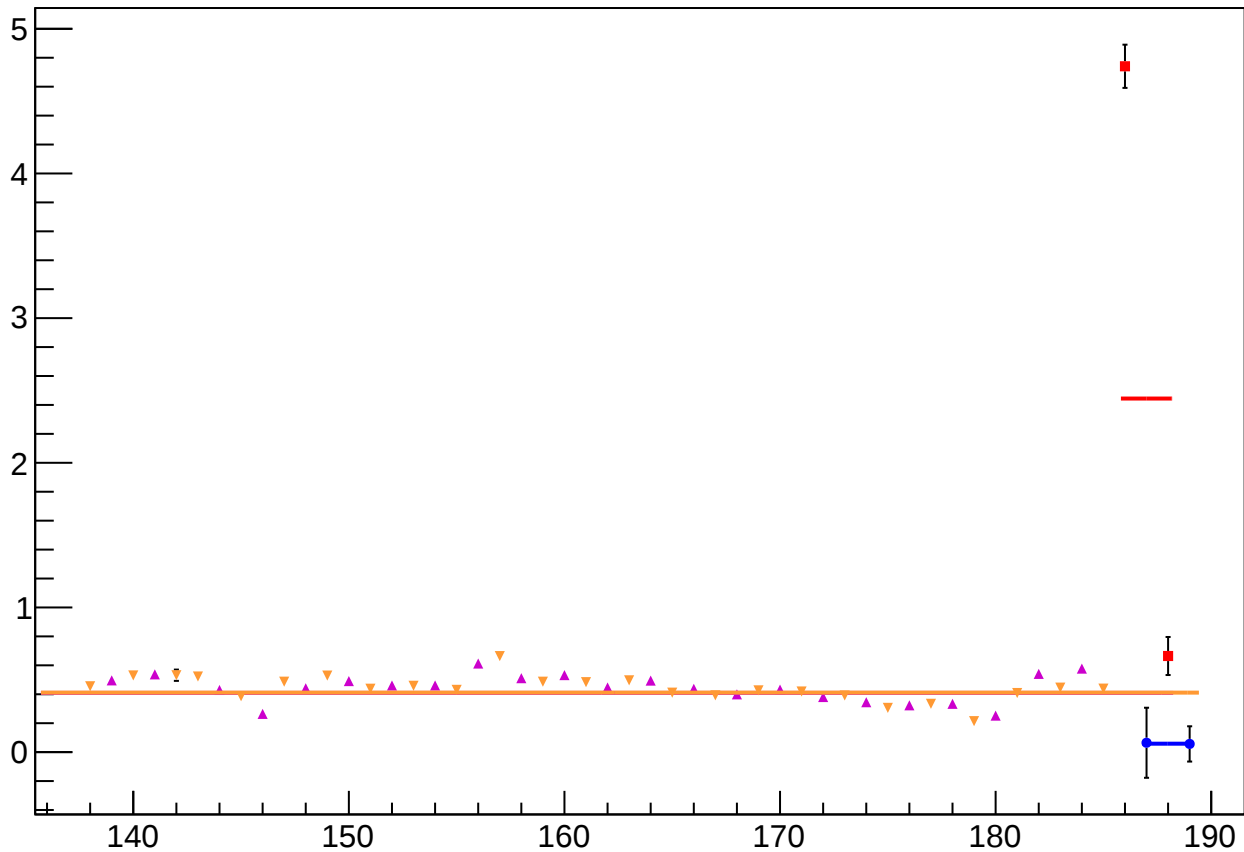
Left In: -14.919 ± 0.087 $\chi^2/\text{NDF}: 2207.7/22$

+ sign -15.254 ± 0.086 $\chi^2/\text{NDF}: 2620.3/26$

All: -15.074 ± 0.061 $\chi^2/\text{NDF}: 4879.6/51$

- sign -14.892 ± 0.086 $\chi^2/\text{NDF}: 2250.5/24$

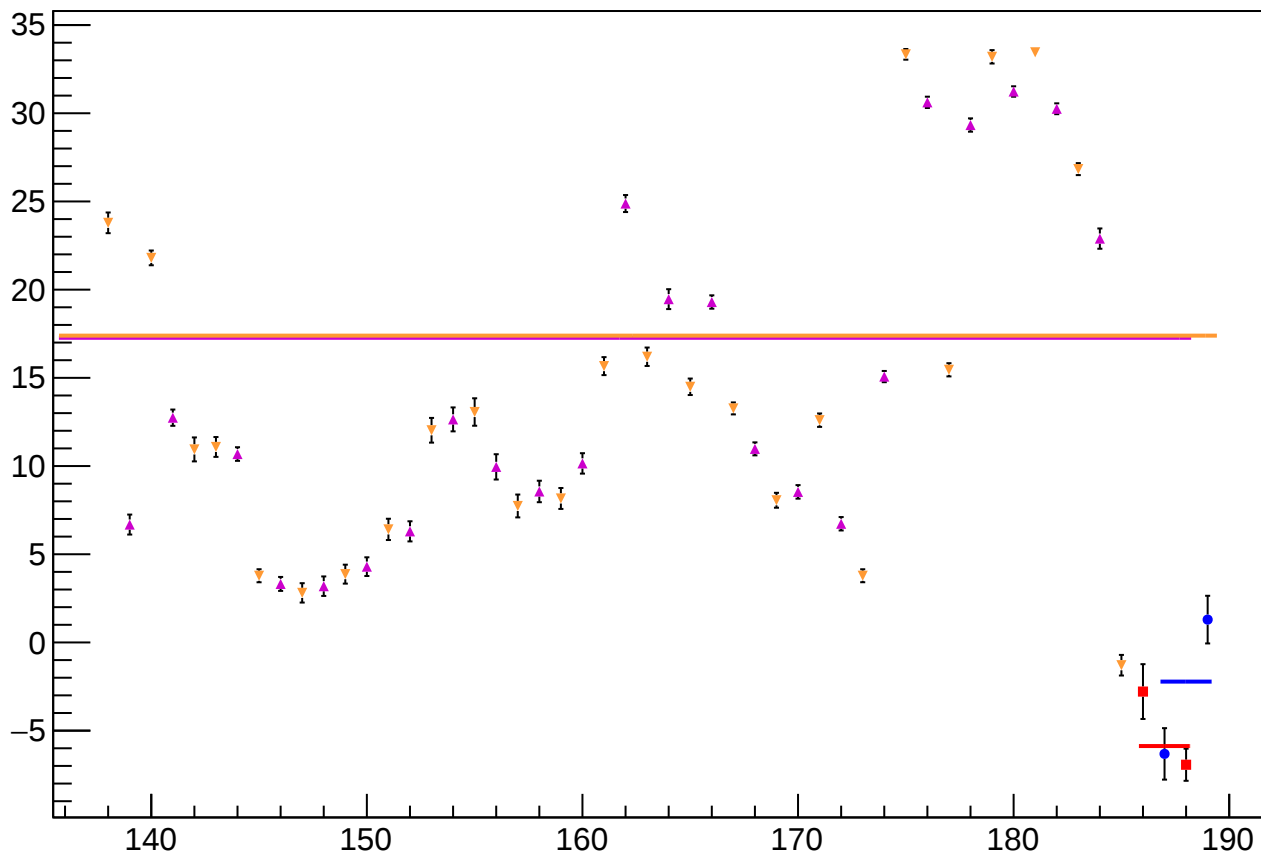
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.058 $\pm$ 0.109 χ^2 /NDF: 0.0/1
 Left Out: 0.411 $\pm$ 0.004 χ^2 /NDF: 428.8/24
 Right Out: 2.444 $\pm$ 0.099 χ^2 /NDF: 419.6/1
 Left In: 0.409 $\pm$ 0.004 χ^2 /NDF: 561.9/22

+ sign 0.411 $\pm$ 0.004 χ^2 /NDF: 439.3/26
 All: 0.412 $\pm$ 0.003 χ^2 /NDF: 1845.3/51
 - sign 0.413 $\pm$ 0.004 χ^2 /NDF: 1405.9/24

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: -2.220 ± 0.991 χ^2/NDF : 14.7/1

Left Out: 17.393 ± 0.087 χ^2/NDF : 16305.7/24

Right Out: -5.873 ± 0.785 χ^2/NDF : 5.3/1

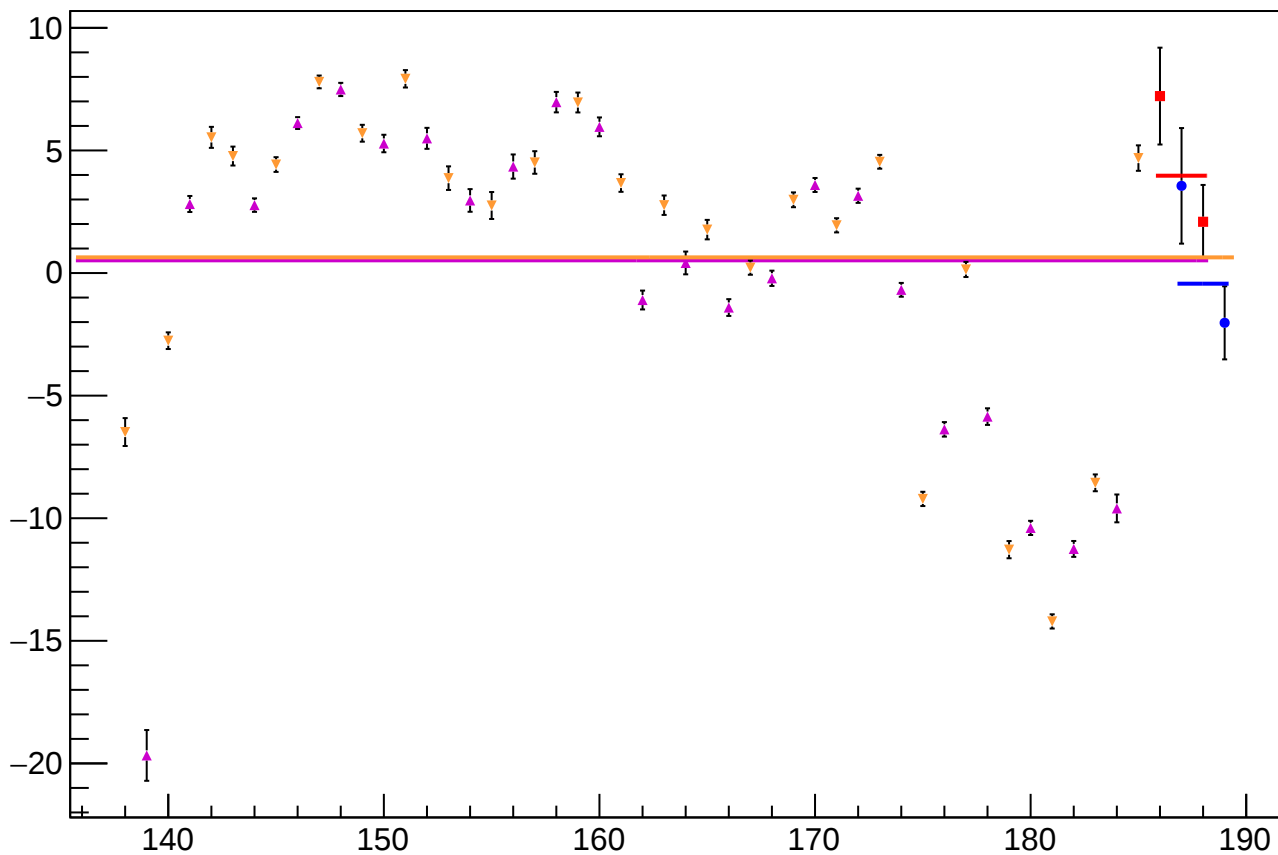
Left In: 17.271 ± 0.088 χ^2/NDF : 12892.2/22

+ sign 17.242 ± 0.087 χ^2/NDF : 16709.0/26

All: 17.113 ± 0.062 χ^2/NDF : 30468.5/51

- sign 16.981 ± 0.088 χ^2/NDF : 13755.1/24

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -0.434 ± 1.260 χ^2/NDF : 4.0/1

Left Out: 0.639 ± 0.070 χ^2/NDF : 8514.9/24

Right Out: 3.970 ± 1.196 χ^2/NDF : 4.3/1

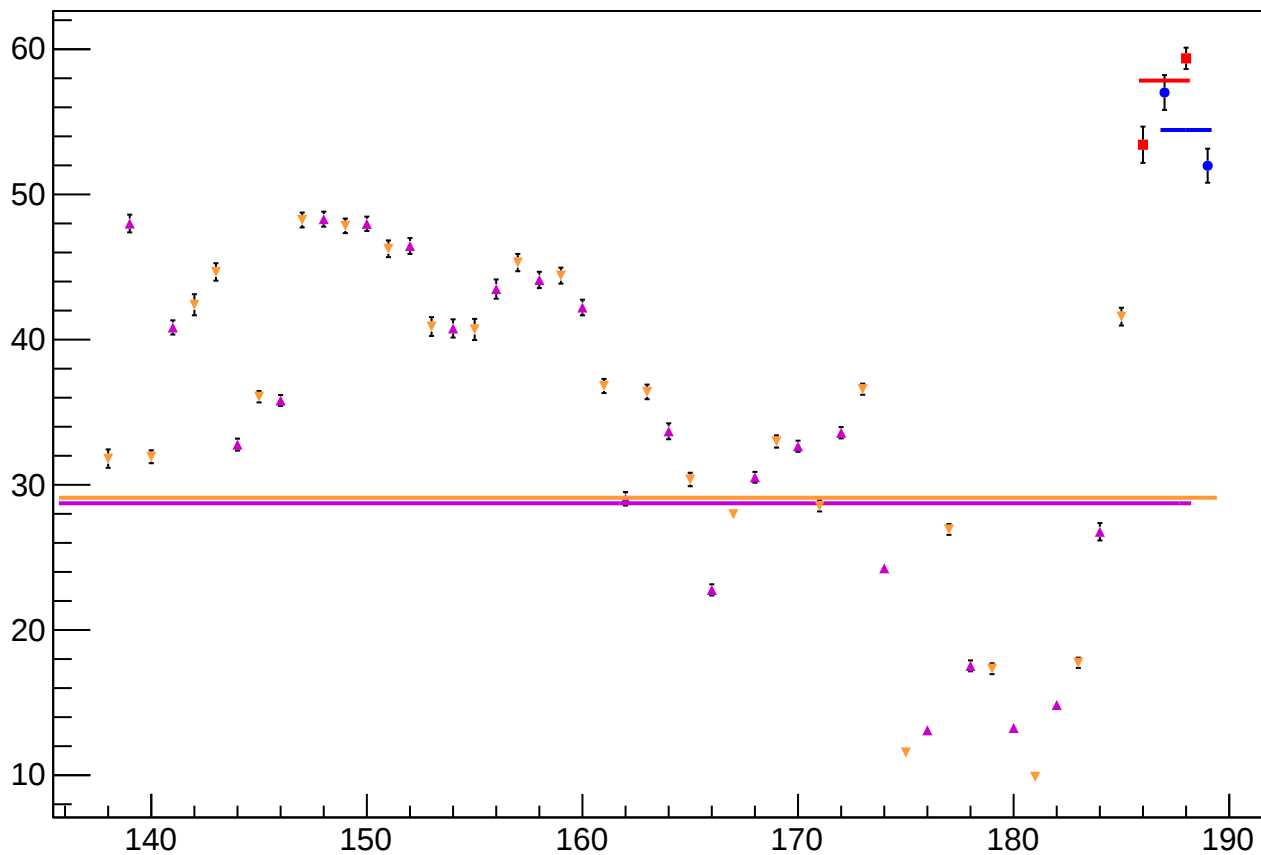
Left In: 0.519 ± 0.071 χ^2/NDF : 6776.8/22

+ sign 0.636 ± 0.069 χ^2/NDF : 8519.6/26

All: 0.584 ± 0.049 χ^2/NDF : 15310.1/51

- sign 0.531 ± 0.070 χ^2/NDF : 6789.4/24

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 54.439+/-0.838 χ^2/NDF : 9.0/1

Left Out: 29.110+/-0.088 χ^2/NDF :18845.8/24

Right Out: 57.841+/-0.633 χ^2/NDF : 16.9/1

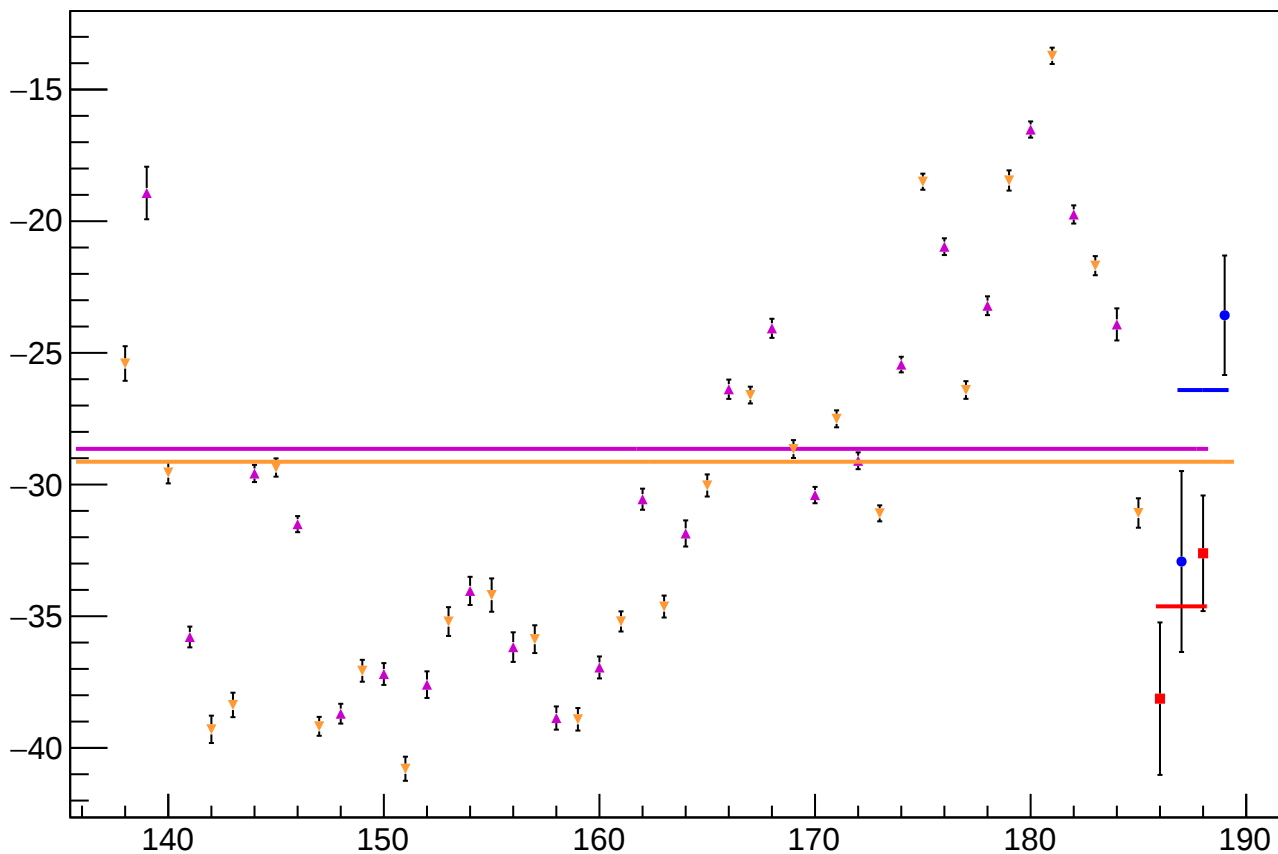
Left In: 28.728+/-0.089 χ^2/NDF :17037.4/22

+ sign 29.386+/-0.087 χ^2/NDF : 19758.8/26

All: 29.338+/-0.062 χ^2/NDF : 38885.8/51

- sign 29.289+/-0.088 χ^2/NDF : 19126.4/24

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -26.412 ± 1.893 χ^2/NDF : 5.2/1

Left Out: -29.134 ± 0.078 χ^2/NDF : 8998.0/24

Right Out: -34.625 ± 1.749 χ^2/NDF : 2.3/1

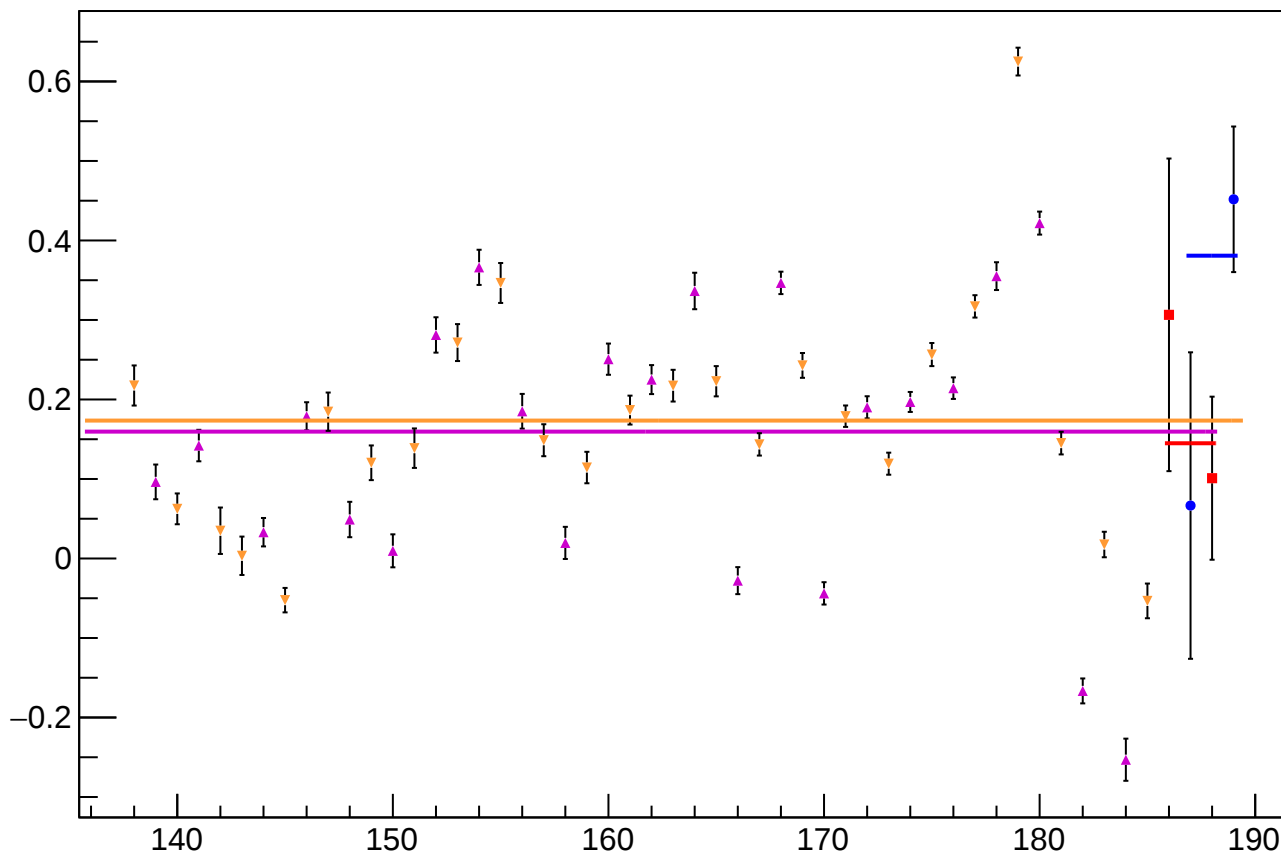
Left In: -28.645 ± 0.080 χ^2/NDF : 6693.5/22

+ sign -29.129 ± 0.078 χ^2/NDF : 9005.3/26

All: -28.897 ± 0.056 χ^2/NDF : 15730.7/51

- sign -28.657 ± 0.079 χ^2/NDF : 6707.5/24

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.381 ± 0.083 $\chi^2/\text{NDF}: 3.3/1$

Left Out: 0.173 ± 0.004 $\chi^2/\text{NDF}: 1468.8/24$

Right Out: 0.145 ± 0.091 $\chi^2/\text{NDF}: 0.9/1$

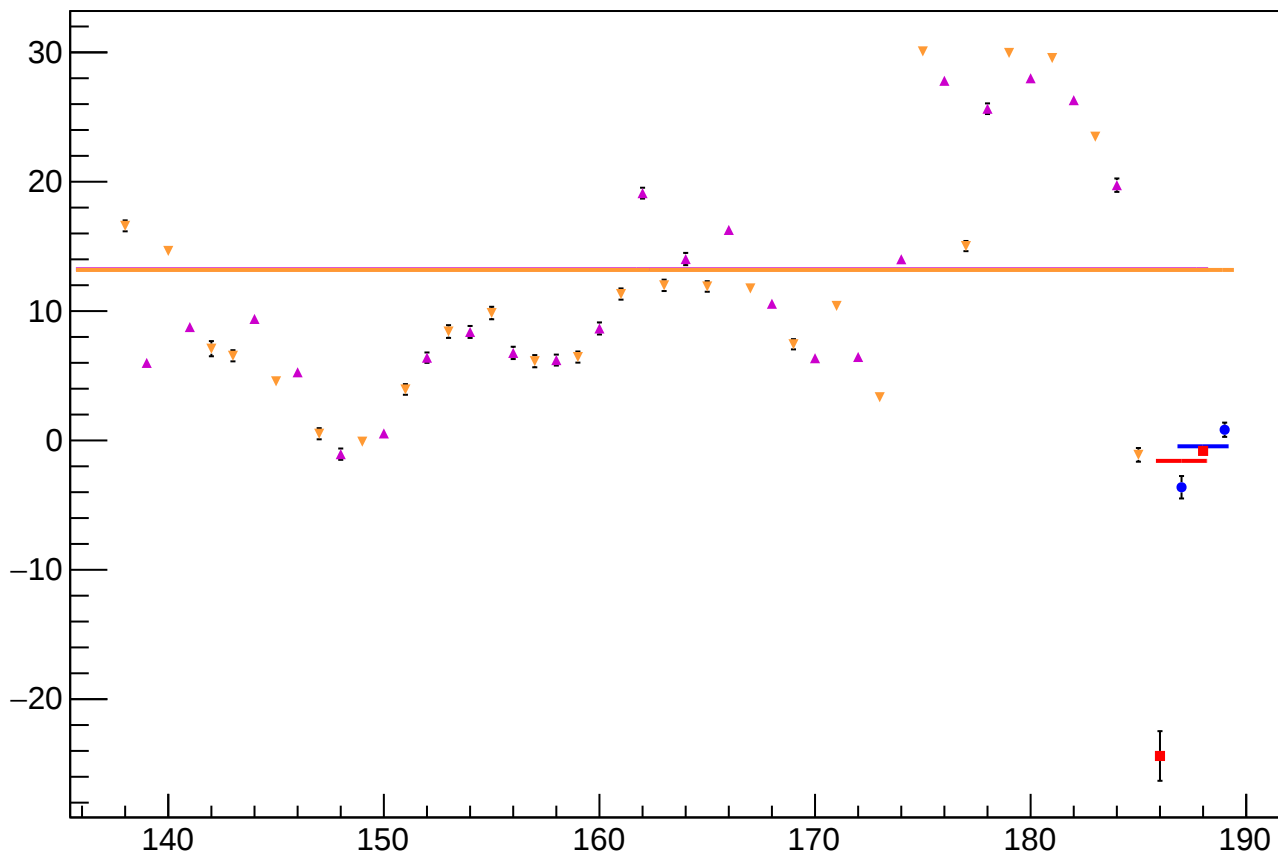
Left In: 0.160 ± 0.004 $\chi^2/\text{NDF}: 2063.7/22$

+ sign 0.174 ± 0.004 $\chi^2/\text{NDF}: 1478.4/26$

All: 0.167 ± 0.003 $\chi^2/\text{NDF}: 3550.8/51$

- sign 0.160 ± 0.004 $\chi^2/\text{NDF}: 2064.6/24$

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: -0.453 ± 0.465 χ^2/NDF : 18.7/1

Left Out: 13.181 ± 0.075 χ^2/NDF : 17039.3/24

Right Out: -1.580 ± 0.347 χ^2/NDF : 146.1/1

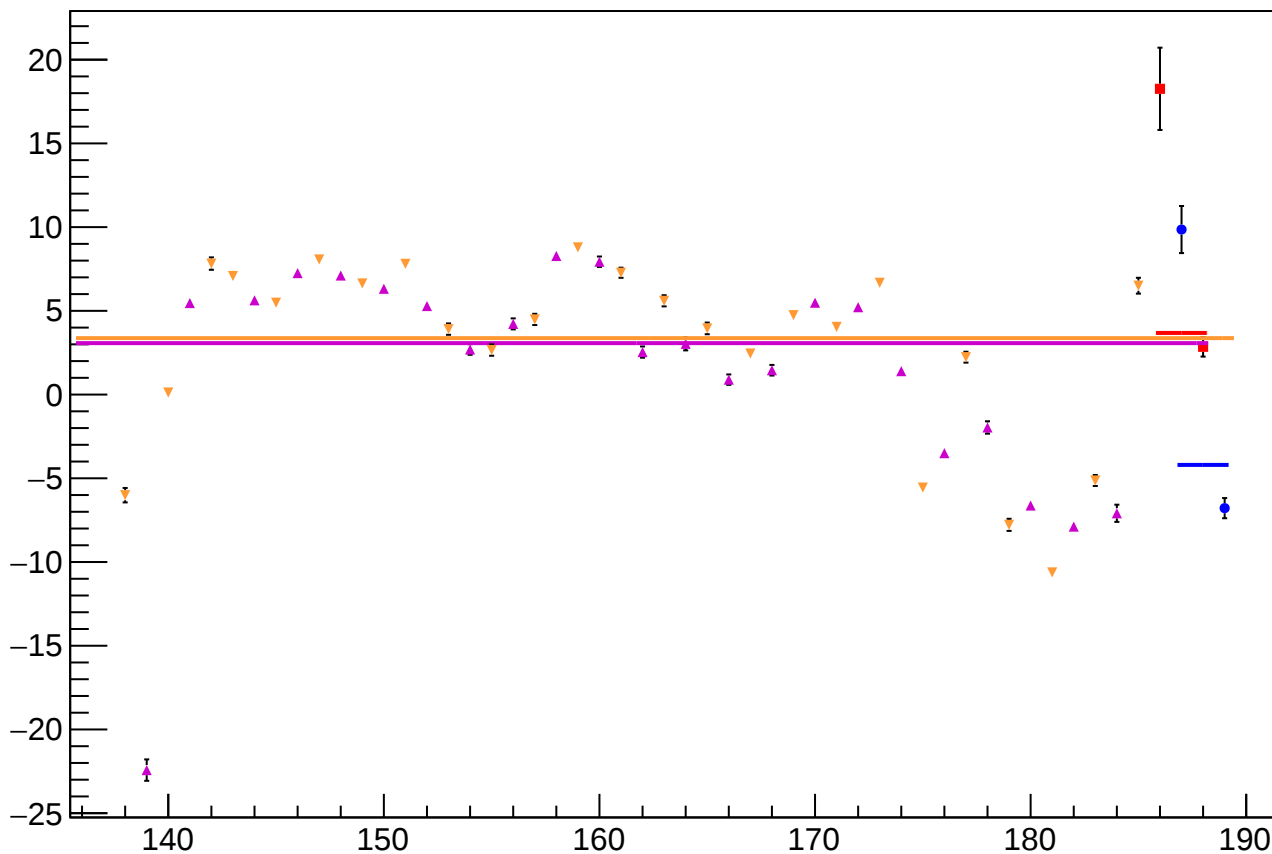
Left In: 13.228 ± 0.077 χ^2/NDF : 14126.1/22

+ sign 12.833 ± 0.074 χ^2/NDF : 17894.7/26

All: 12.687 ± 0.053 χ^2/NDF : 33907.8/51

- sign 12.541 ± 0.075 χ^2/NDF : 16005.5/24

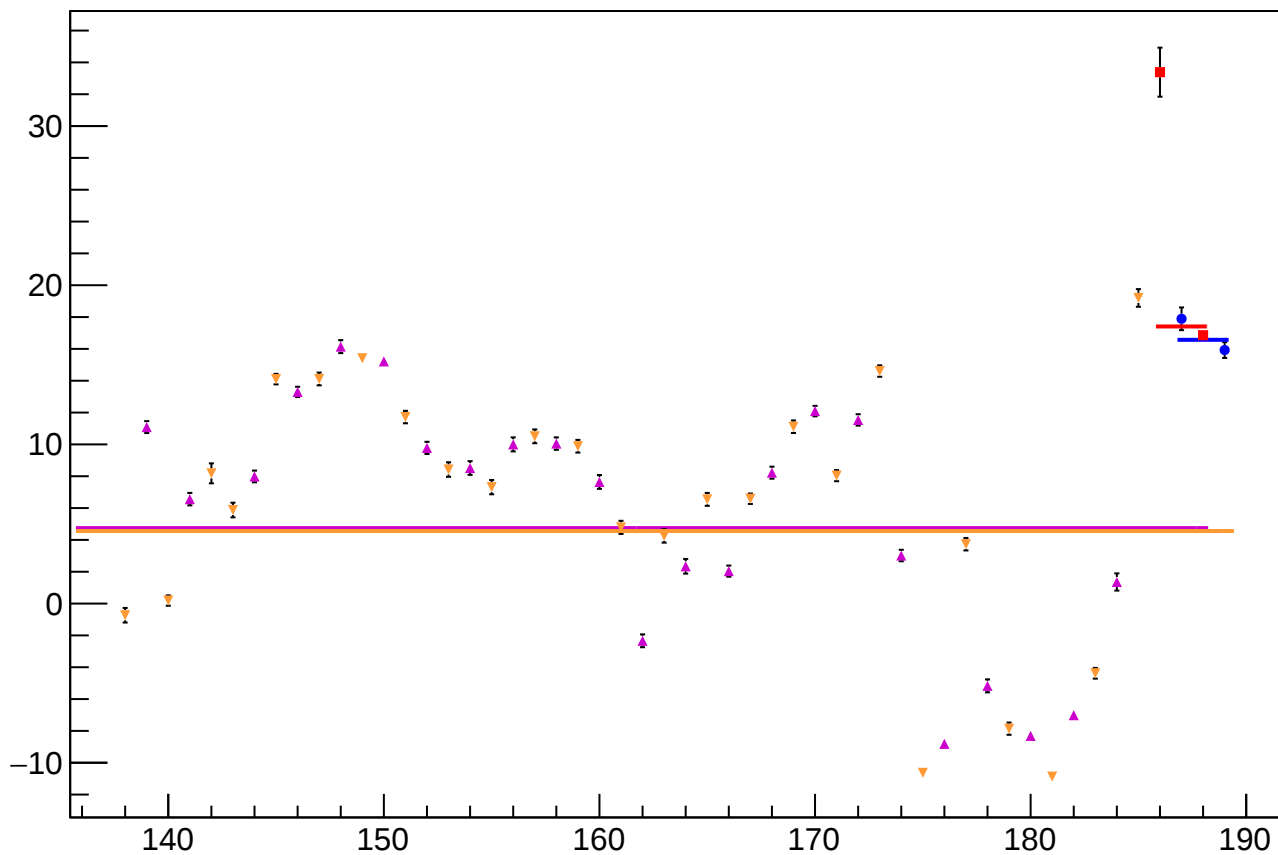
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -4.200 ± 0.554 $\chi^2/\text{NDF}: 118.4/1$
 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 3.288 ± 0.058 $\chi^2/\text{NDF}: 8357.0/26$
 All: 3.186 ± 0.042 $\chi^2/\text{NDF}: 15670.7/51$
 - 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: 16.570 $\pm$ 0.408 χ^2 /NDF: 5.1/1

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

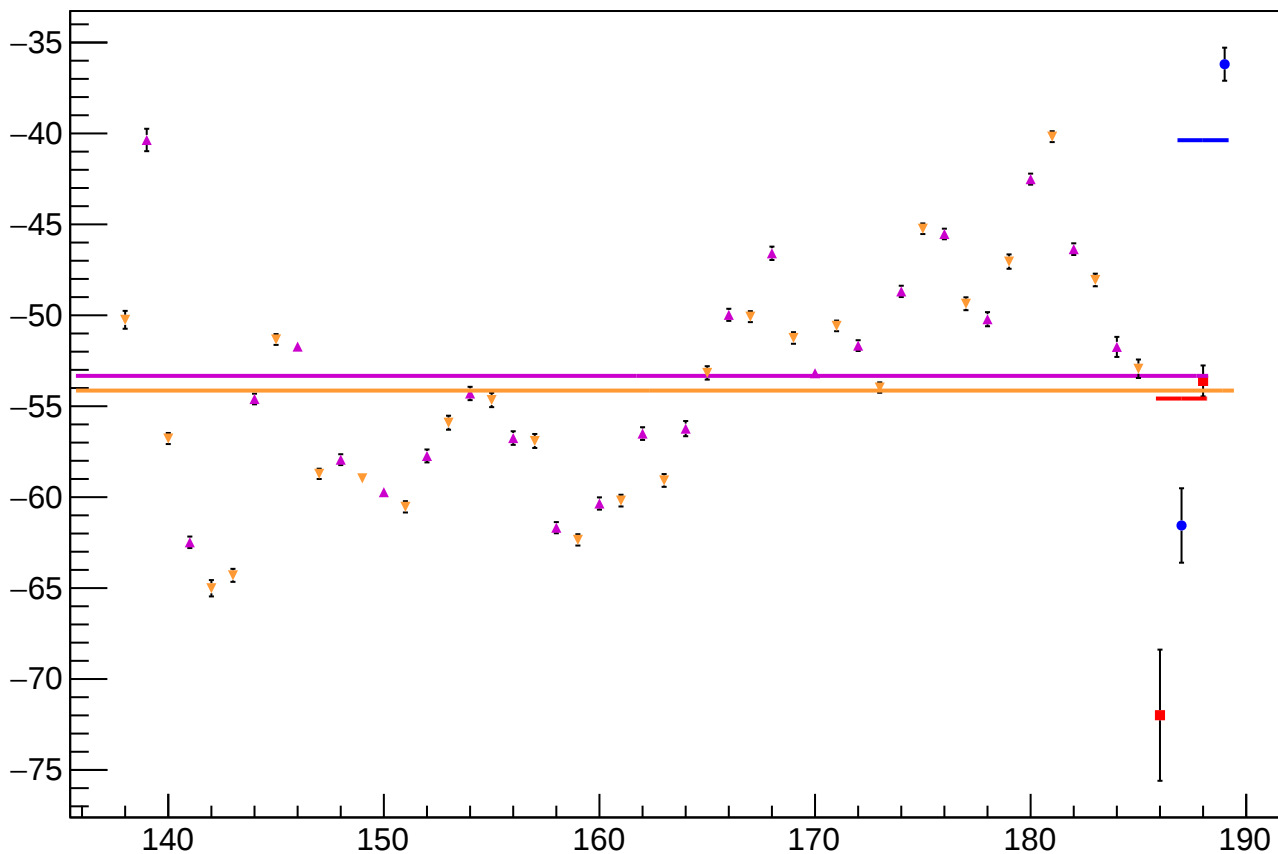
Left In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22

+ sign 4.956 $\pm$ 0.074 χ^2 /NDF: 14432.7/26

All: 5.288 $\pm$ 0.052 χ^2 /NDF: 27898.7/51

- 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: -40.372 ± 0.831 χ^2/NDF : 128.3/1

Left Out: -54.139 ± 0.067 χ^2/NDF : 8301.1/24

Right Out: -54.577 ± 0.828 χ^2/NDF : 24.6/1

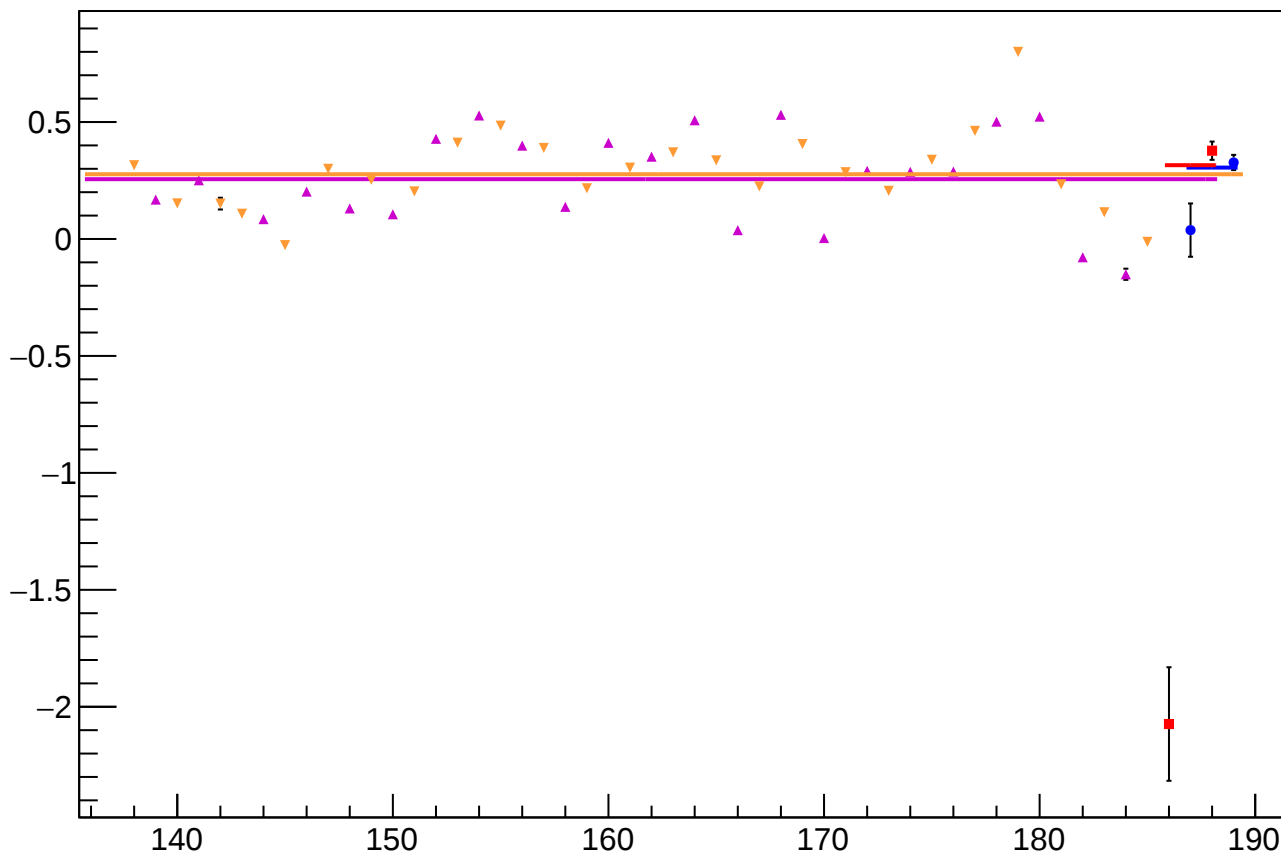
Left In: -53.330 ± 0.068 χ^2/NDF : 6940.2/22

+ sign -54.051 ± 0.066 χ^2/NDF : 8702.2/26

All: -53.704 ± 0.047 χ^2/NDF : 15725.4/51

- sign -53.339 ± 0.068 χ^2/NDF : 6967.0/24

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.305 $\pm$ 0.031 χ^2 /NDF: 6.0/1

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

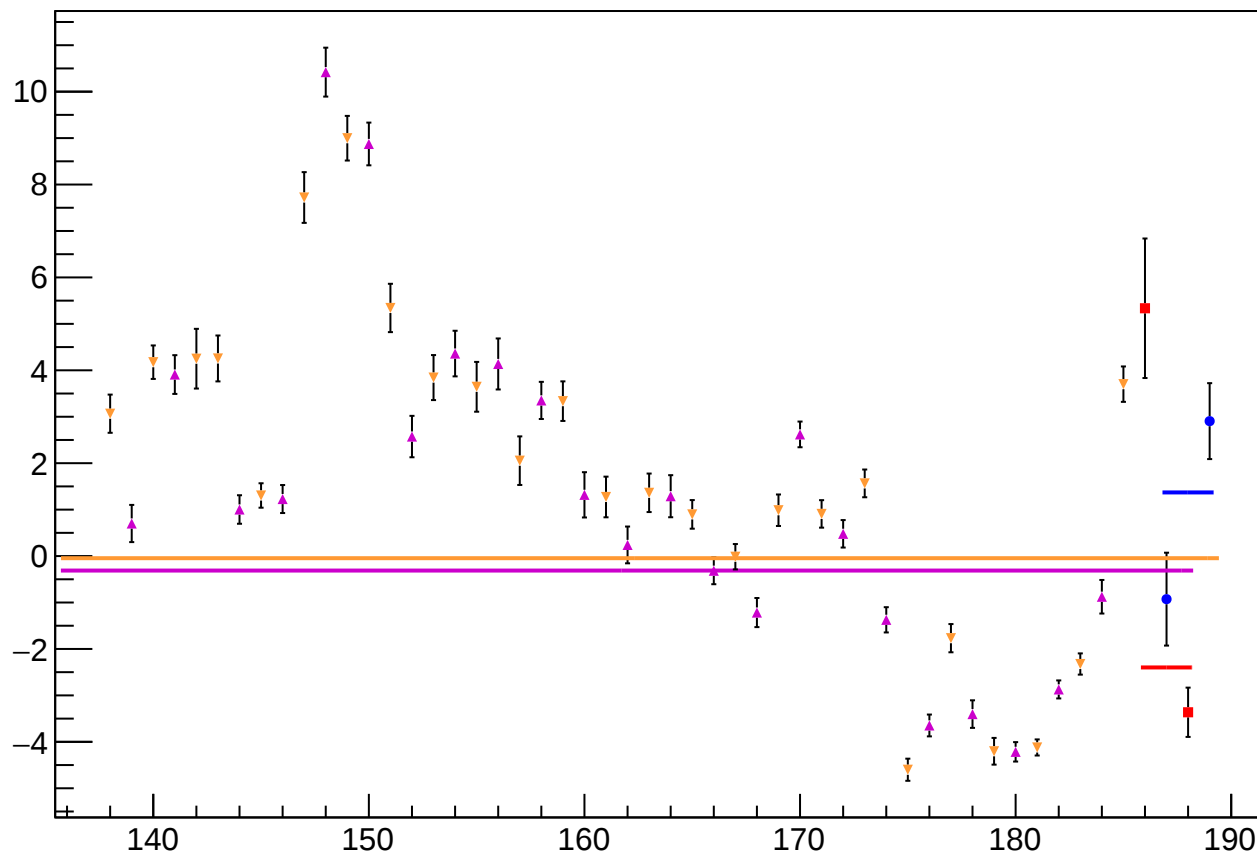
Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

+ sign 0.277 $\pm$ 0.003 χ^2 /NDF: 2612.8/26

All: 0.267 $\pm$ 0.002 χ^2 /NDF: 6382.0/51

- 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: 1.370 $\pm$ 0.633 χ^2 /NDF: 8.8/1

Left Out: -0.046 $\pm$ 0.066 χ^2 /NDF: 2628.9/24

Right Out: -2.398 $\pm$ 0.500 χ^2 /NDF: 29.8/1

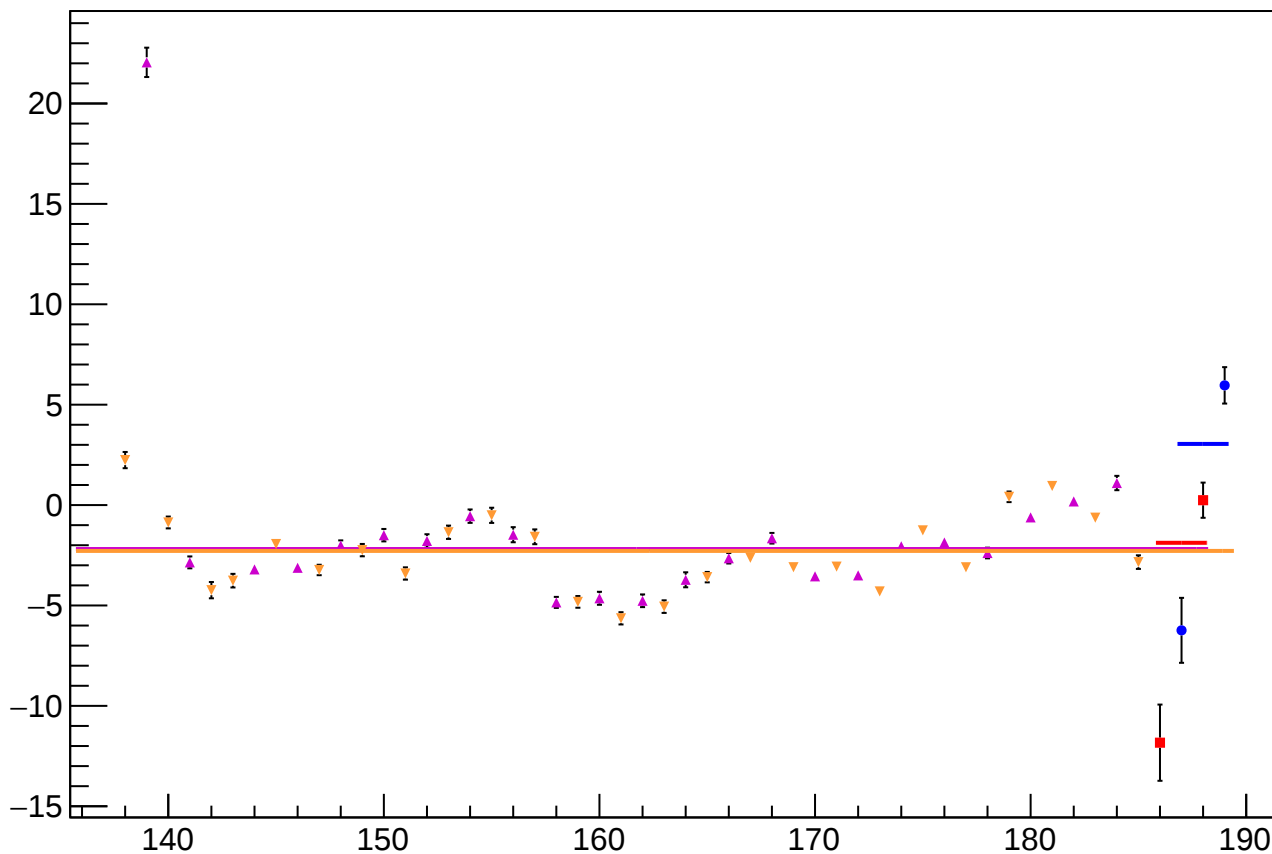
Left In: -0.312 $\pm$ 0.067 χ^2 /NDF: 2252.6/22

+ sign -0.030 $\pm$ 0.066 χ^2 /NDF: 2642.6/26

All: -0.188 $\pm$ 0.047 χ^2 /NDF: 4953.8/51

- sign -0.349 $\pm$ 0.066 χ^2 /NDF: 2299.5/24

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 3.045 $\pm$ 0.791 χ^2 /NDF: 43.3/1

Left Out: -2.283 $\pm$ 0.054 χ^2 /NDF:1132.1/24

Right Out: -1.879 $\pm$ 0.796 χ^2 /NDF: 33.4/1

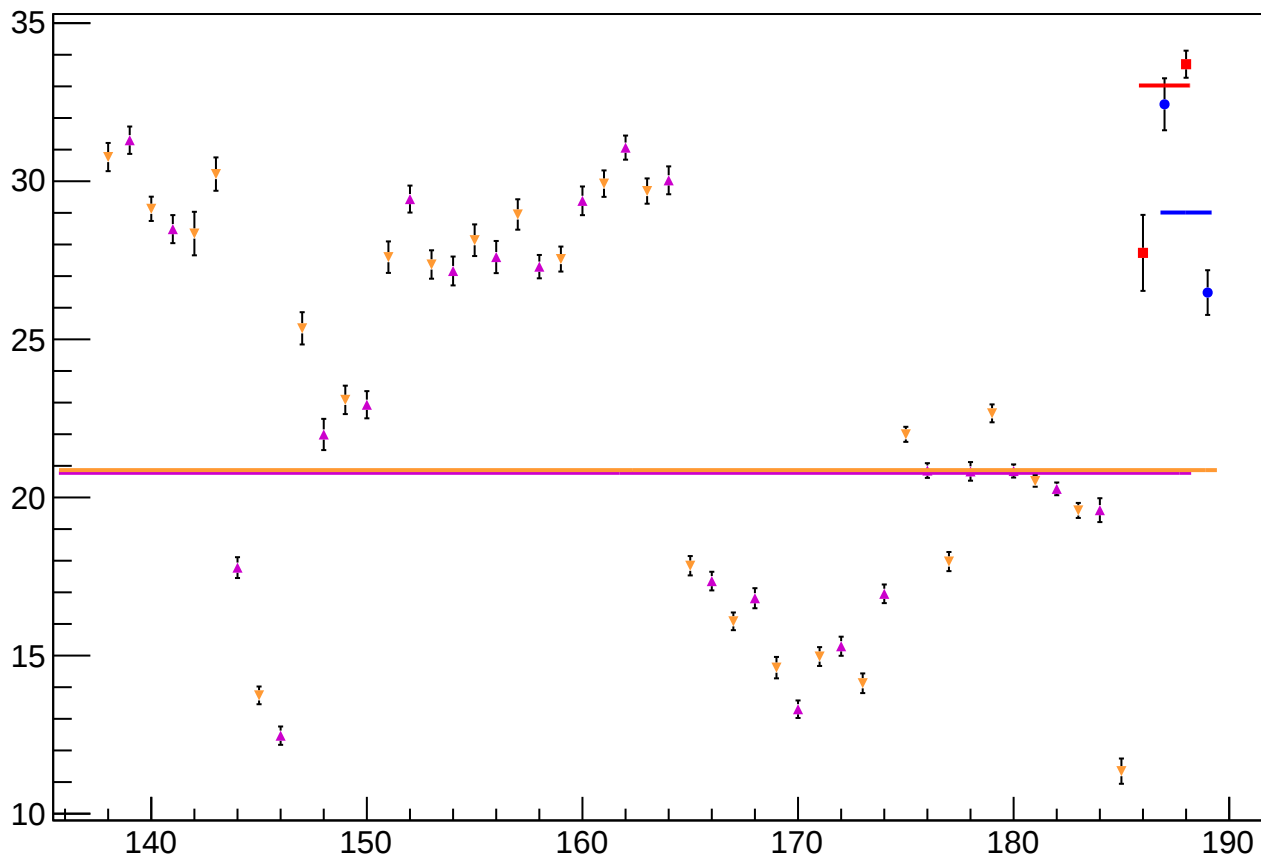
Left In: -2.190 $\pm$ 0.055 χ^2 /NDF:1785.1/22

+ sign -2.258 $\pm$ 0.054 χ^2 /NDF: 1220.5/26

All: -2.224 $\pm$ 0.038 χ^2 /NDF: 3040.0/51

- sign -2.188 $\pm$ 0.055 χ^2 /NDF: 1818.6/24

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 29.011 $\pm$ 0.536 χ^2 /NDF: 30.2/1

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

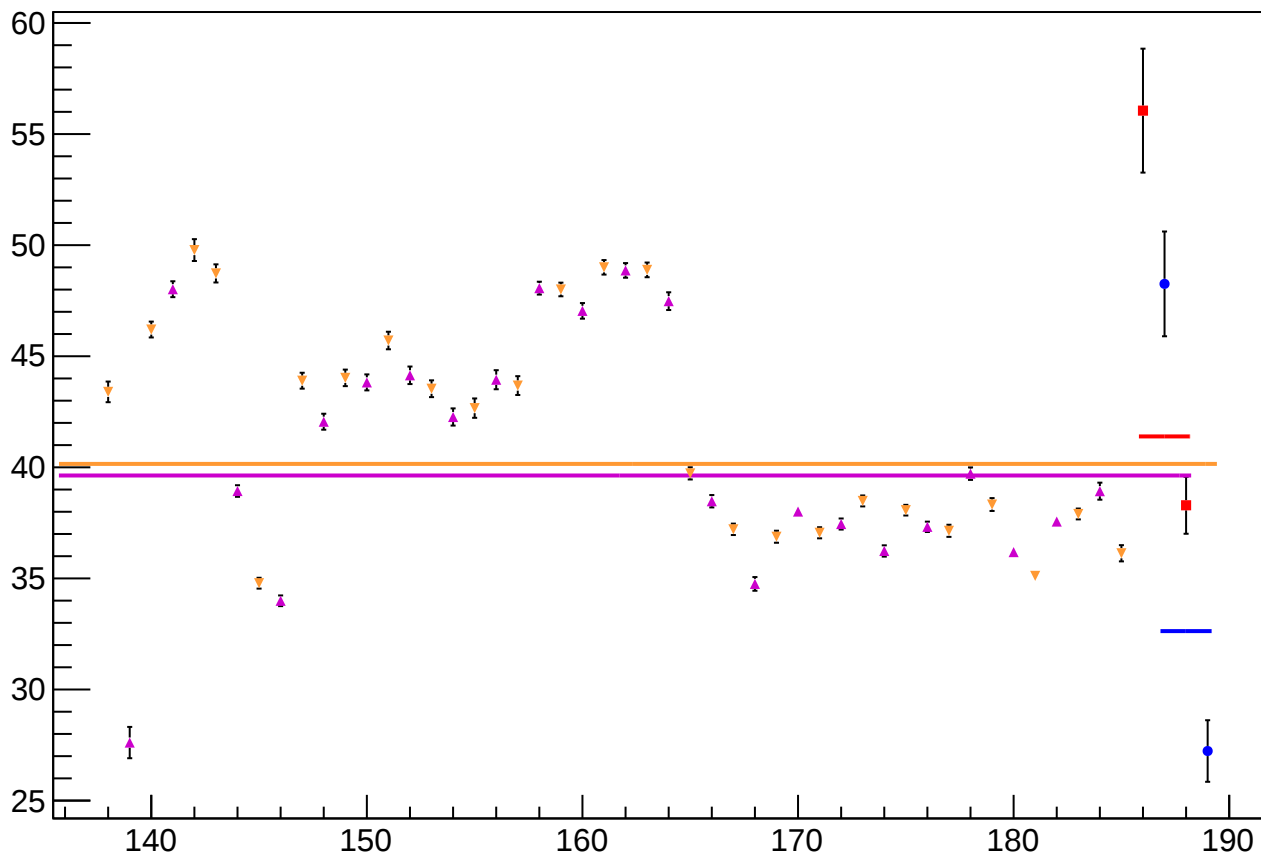
Left In: 20.780 $\pm$ 0.067 χ^2 /NDF: 5988.0/22

+ sign 20.989 $\pm$ 0.066 χ^2 /NDF: 6865.9/26

All: 21.050 $\pm$ 0.047 χ^2 /NDF: 13774.0/51

- 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: 32.628 $\pm$ 1.195 χ^2 /NDF: 59.1/1

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

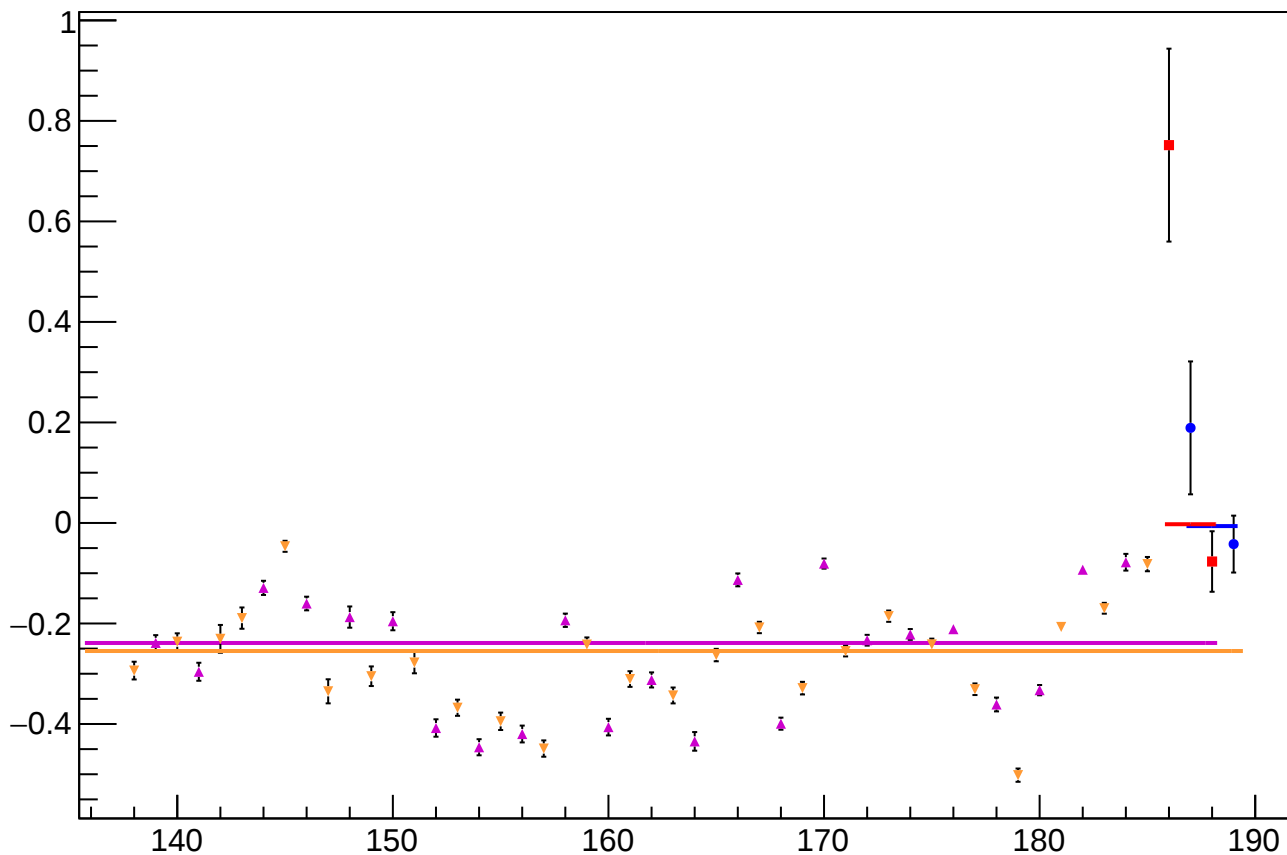
Left In: 39.632 $\pm$ 0.061 χ^2 /NDF: 5343.3/22

+ sign 40.135 $\pm$ 0.060 χ^2 /NDF: 5960.3/26

All: 39.889 $\pm$ 0.043 χ^2 /NDF: 11372.8/51

- 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: -0.006 ± 0.052 χ^2/NDF : 2.6/1

Left Out: -0.255 ± 0.003 χ^2/NDF : 1417.7/24

Right Out: -0.003 ± 0.057 χ^2/NDF : 17.0/1

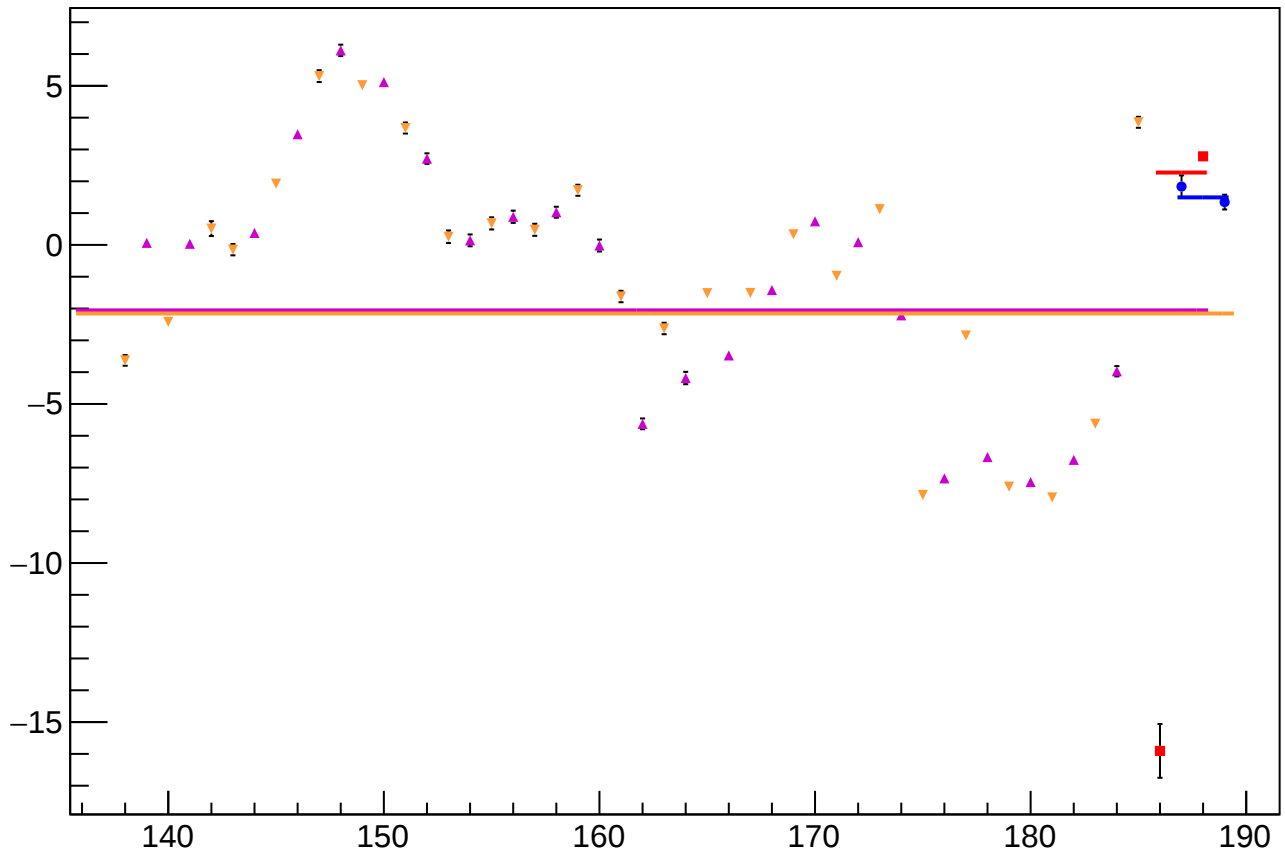
Left In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22

+ sign -0.254 ± 0.003 χ^2/NDF : 1443.0/26

All: -0.246 ± 0.002 χ^2/NDF : 3243.4/51

- sign -0.238 ± 0.003 χ^2/NDF : 1783.9/24

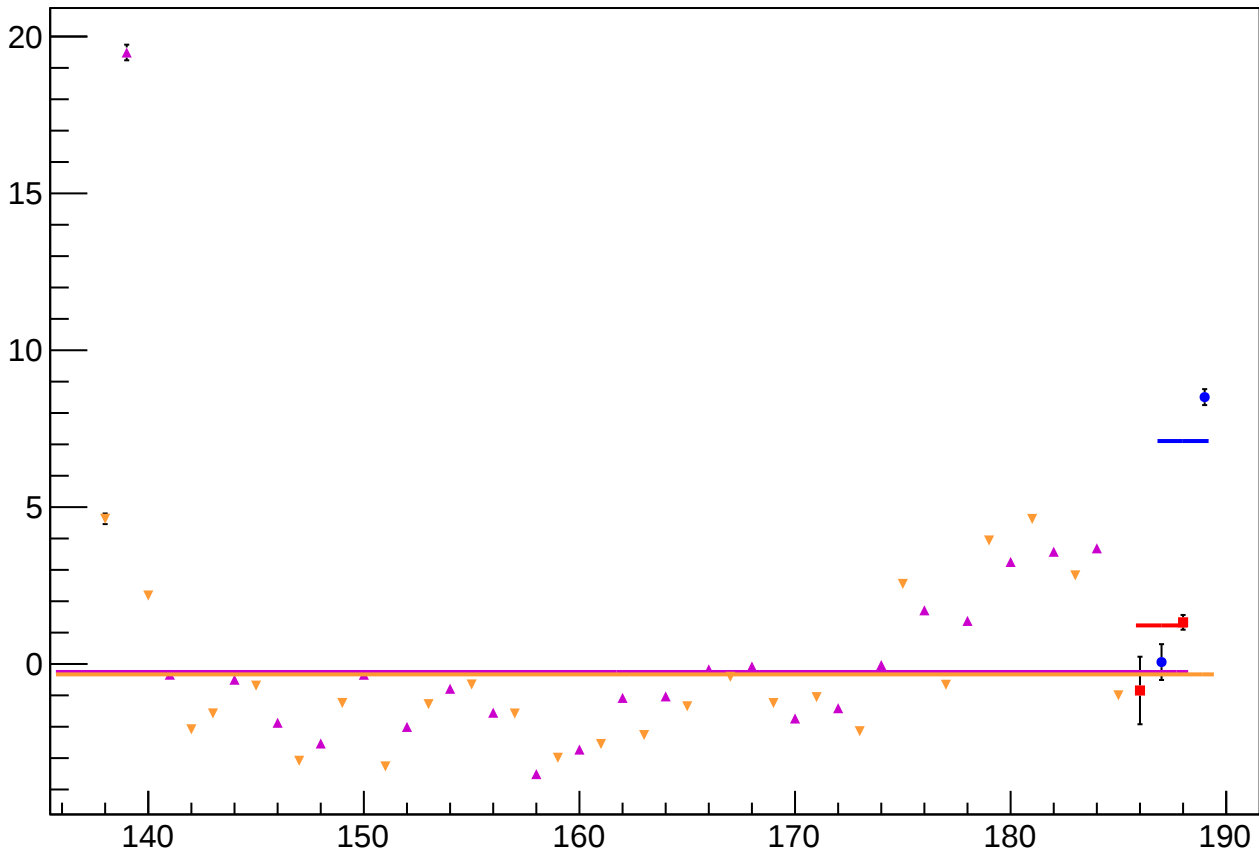
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 1.494 $\pm$ 0.194 χ^2 /NDF: 1.3/1
 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 -2.093 $\pm$ 0.025 χ^2 /NDF: 24851.5/26
 All: -2.003 $\pm$ 0.018 χ^2 /NDF: 49626.8/51
 - 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: 7.107 ± 0.232 χ^2/NDF : 182.6/1

Left Out: -0.331 ± 0.021 χ^2/NDF : 12552.3/24

Right Out: 1.229 ± 0.230 χ^2/NDF : 3.9/1

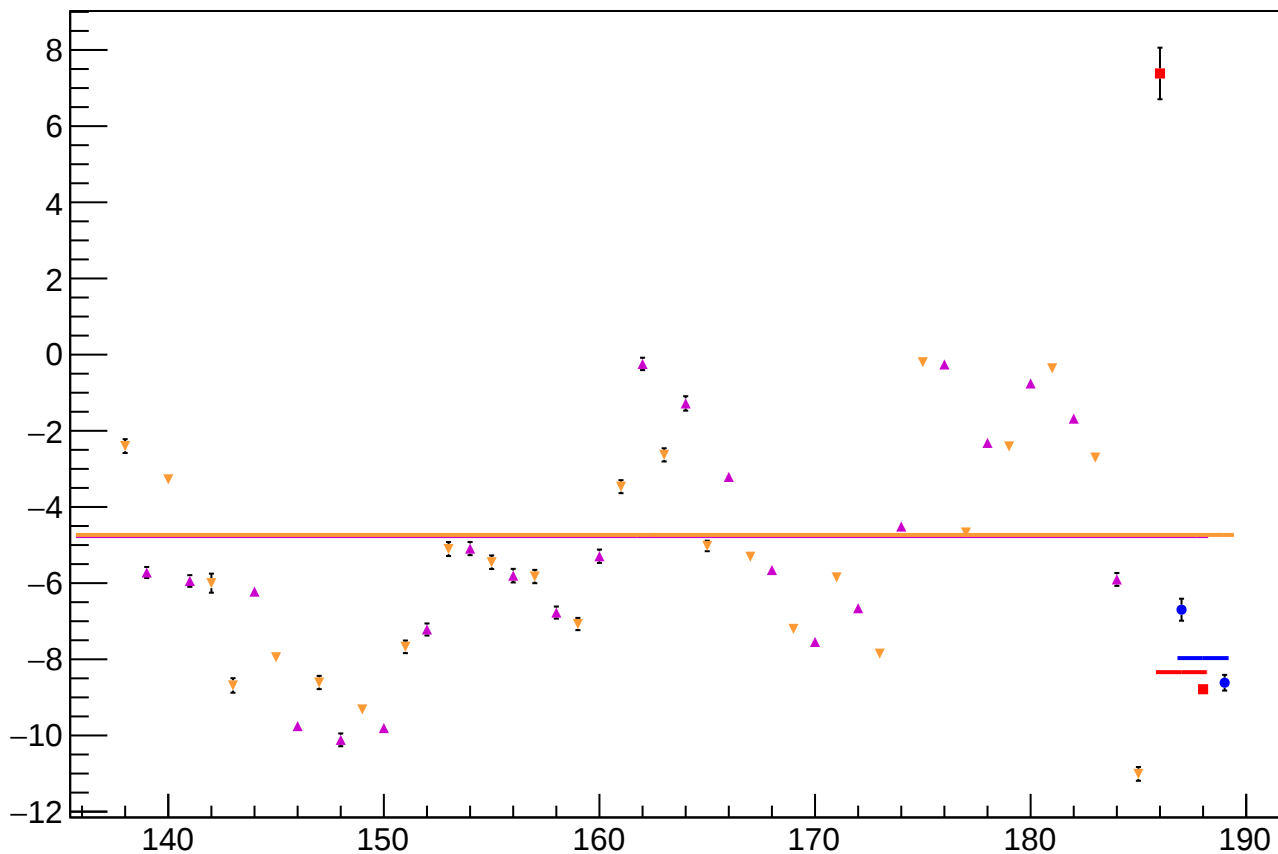
Left In: -0.255 ± 0.021 χ^2/NDF : 14162.0/22

+ sign -0.273 ± 0.021 χ^2/NDF : 13750.9/26

All: -0.258 ± 0.015 χ^2/NDF : 27959.2/51

- sign -0.243 ± 0.021 χ^2/NDF : 14207.3/24

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -7.968 ± 0.168 χ^2/NDF : 29.1/1

Left Out: -4.734 ± 0.026 χ^2/NDF : 13188.7/24

Right Out: -8.338 ± 0.113 χ^2/NDF : 554.2/1

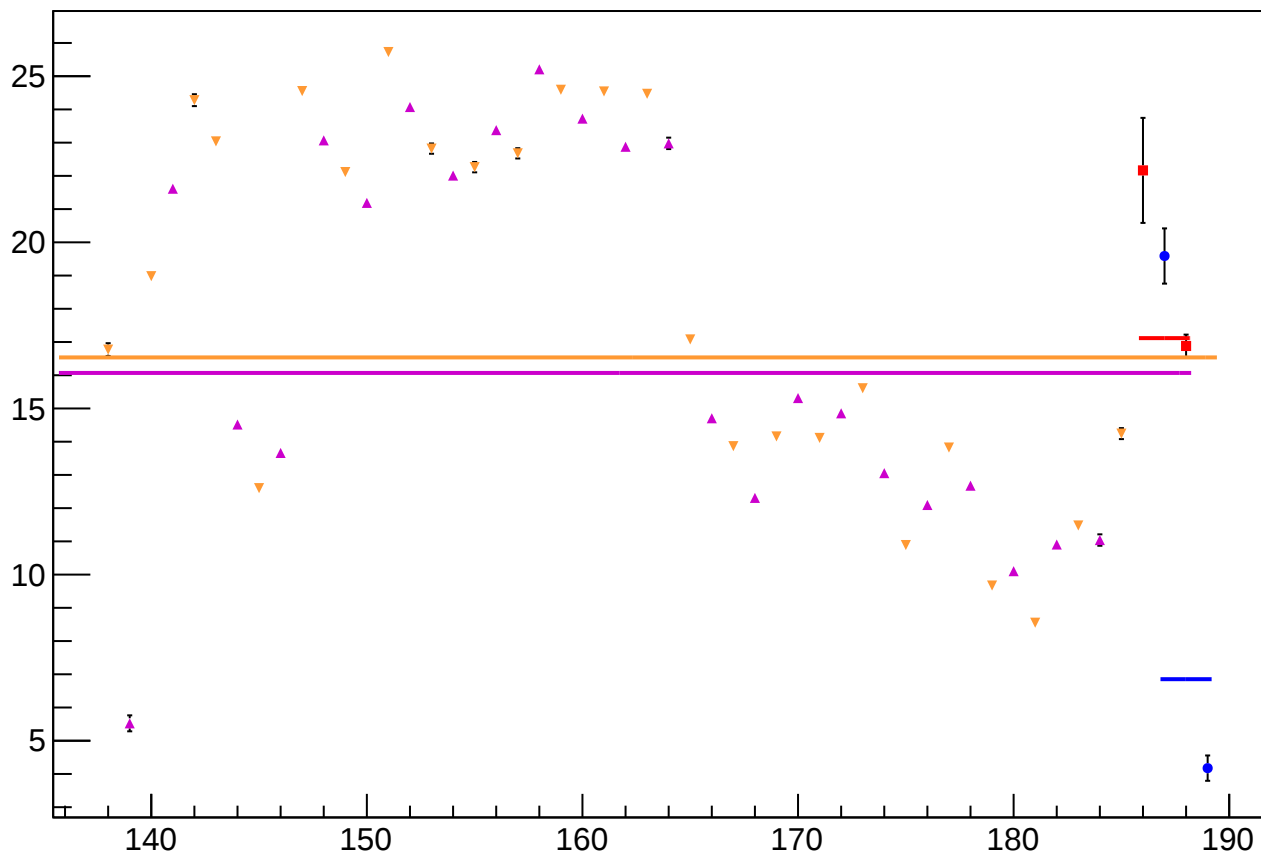
Left In: -4.764 ± 0.026 χ^2/NDF : 14163.2/22

+ sign -4.809 ± 0.026 χ^2/NDF : 13580.0/26

All: -4.877 ± 0.018 χ^2/NDF : 29265.0/51

- sign -4.945 ± 0.025 χ^2/NDF : 15670.8/24

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 6.852 $\pm$ 0.346 χ^2 /NDF: 284.1/1

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

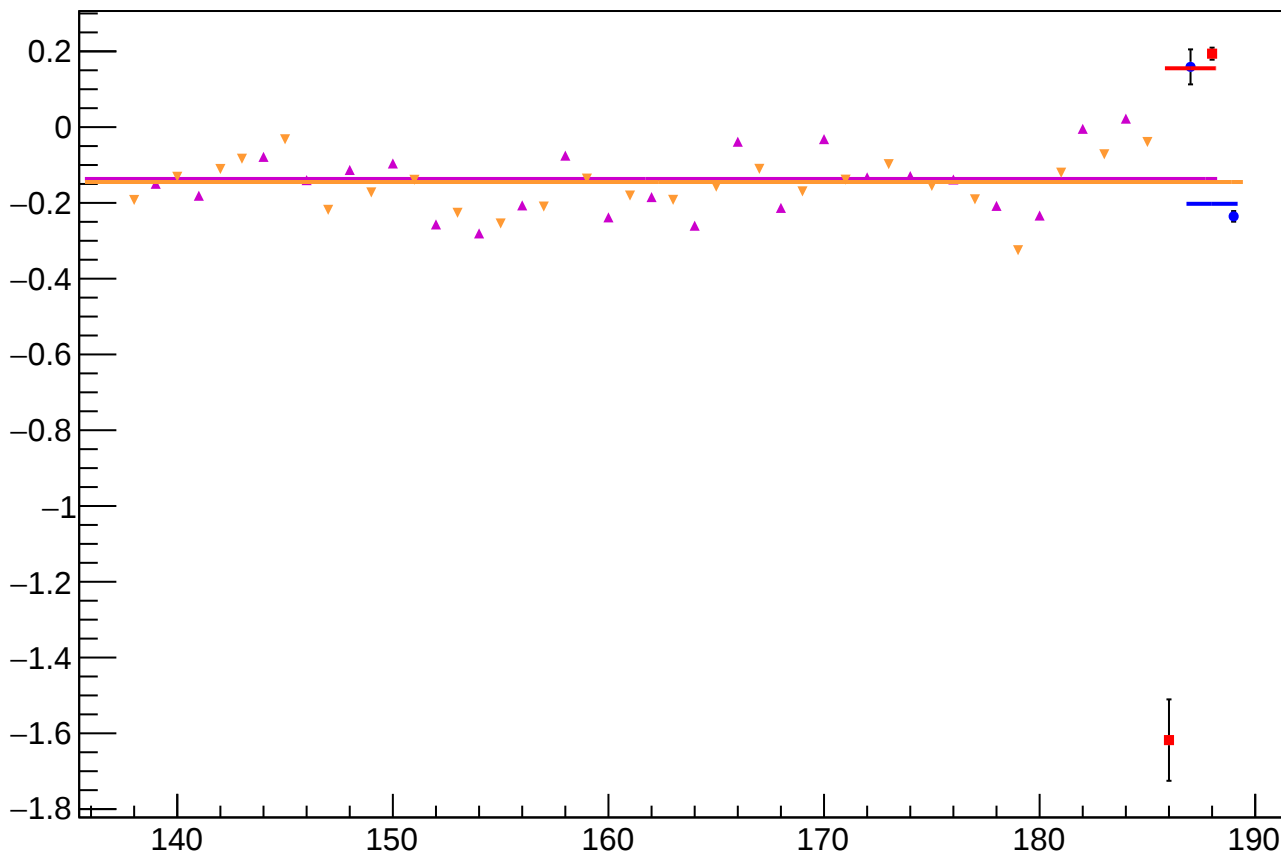
Left In: 16.069 $\pm$ 0.023 χ^2 /NDF: 42736.3/22

+ sign 16.493 $\pm$ 0.023 χ^2 /NDF: 54609.0/26

All: 16.286 $\pm$ 0.016 χ^2 /NDF: 97527.6/51

- 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: -0.202 ± 0.013 χ^2/NDF : 66.9/1

Left Out: -0.145 ± 0.001 χ^2/NDF : 3755.1/24

Right Out: 0.155 ± 0.016 χ^2/NDF : 278.3/1

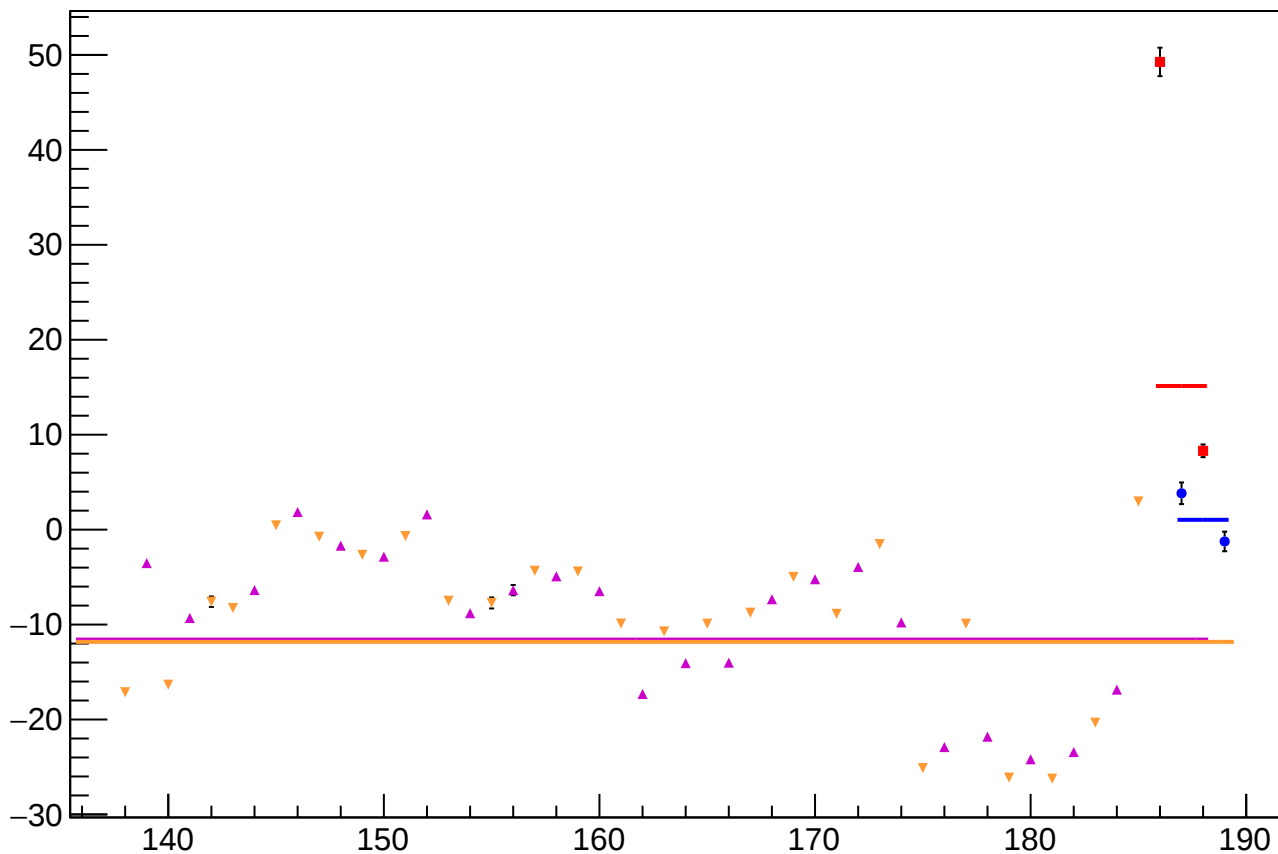
Left In: -0.137 ± 0.001 χ^2/NDF : 5383.4/22

+ sign -0.145 ± 0.001 χ^2/NDF : 3840.4/26

All: -0.140 ± 0.001 χ^2/NDF : 9890.0/51

- sign -0.135 ± 0.001 χ^2/NDF : 6007.4/24

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 1.036+/-0.766 χ^2/NDF : 10.8/1

Left Out: -11.823+/-0.070 χ^2/NDF : 17277.3/24

Right Out: 15.131+/-0.612 χ^2/NDF : 621.7/1

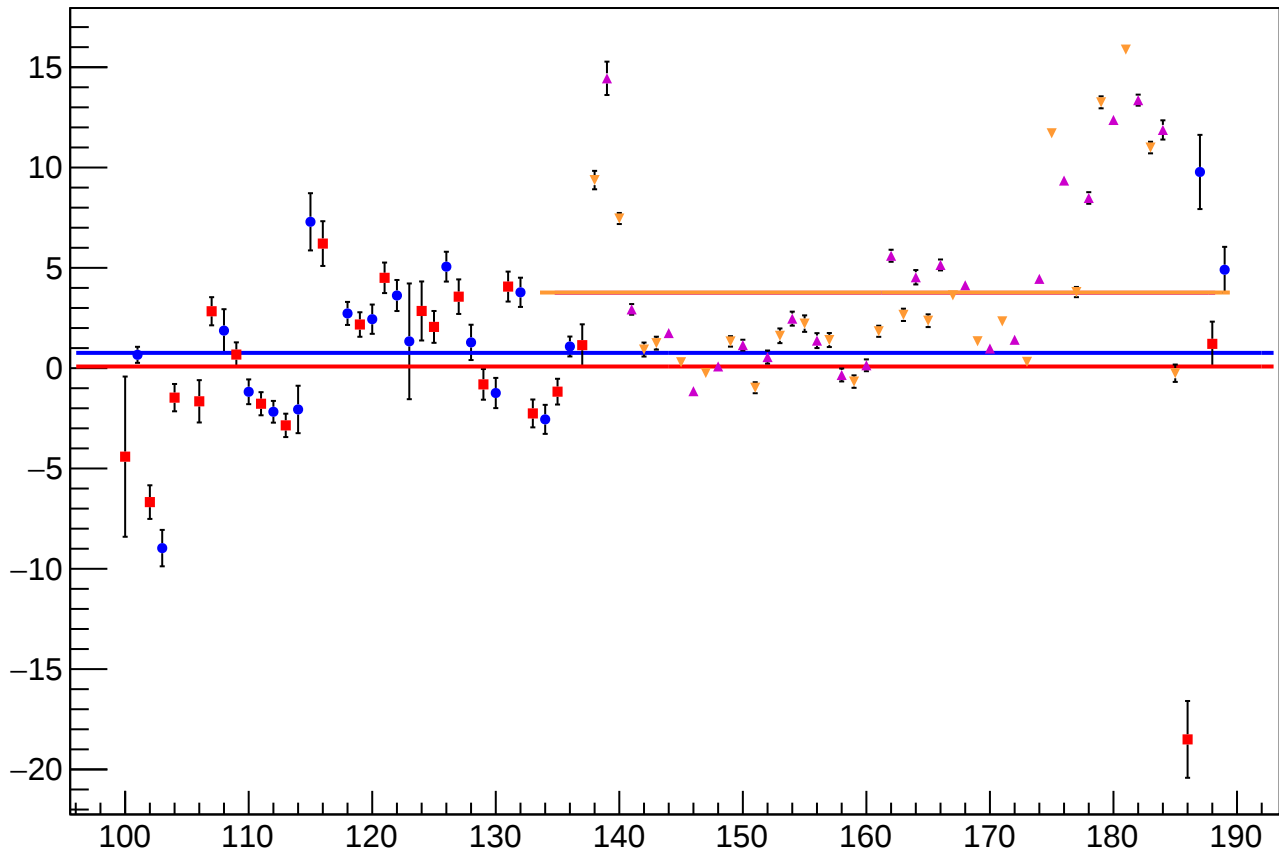
Left In: -11.580+/-0.071 χ^2/NDF : 14243.6/22

+ sign -11.715+/-0.070 χ^2/NDF : 17567.3/26

All: -11.472+/-0.050 χ^2/NDF : 34334.1/51

- sign -11.224+/-0.071 χ^2/NDF : 16742.5/24

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.762 ± 0.166 $\chi^2/\text{NDF}: 329.1/18$

Left Out: 3.770 ± 0.056 $\chi^2/\text{NDF}: 7420.4/24$

Right Out: 0.083 ± 0.172 $\chi^2/\text{NDF}: 369.4/20$

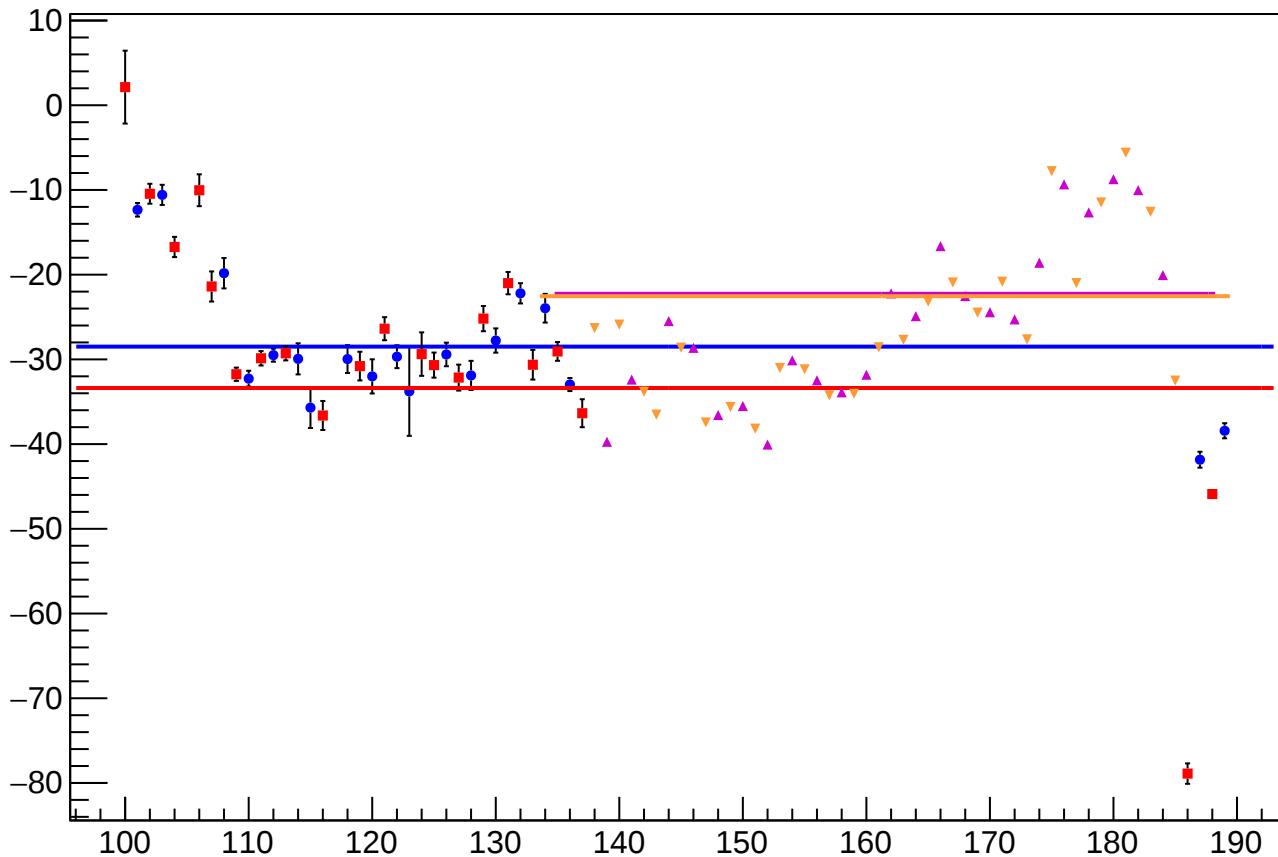
Left In: 3.755 ± 0.056 $\chi^2/\text{NDF}: 5655.2/22$

+ sign 3.468 ± 0.053 $\chi^2/\text{NDF}: 8043.2/43$

All: 3.433 ± 0.038 $\chi^2/\text{NDF}: 14480.9/87$

- sign 3.398 ± 0.054 $\chi^2/\text{NDF}: 6436.9/43$

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -28.493 ± 0.272 χ^2/NDF : 1087.9/18

Left Out: -22.540 ± 0.071 χ^2/NDF : 19751.6/24

Right Out: -33.377 ± 0.255 χ^2/NDF : 3026.2/20

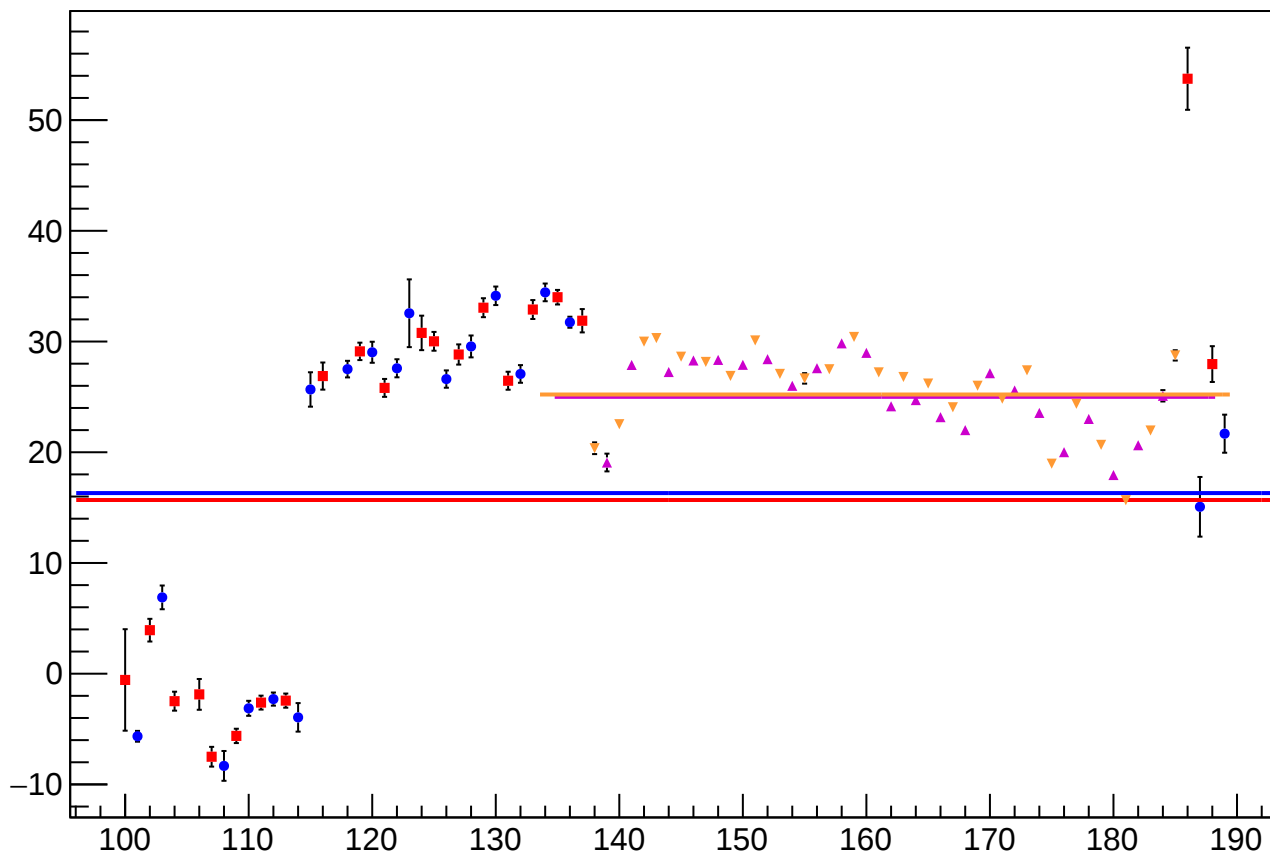
Left In: -22.258 ± 0.071 χ^2/NDF : 17838.4/22

+ sign -22.918 ± 0.069 χ^2/NDF : 21288.9/43

All: -22.991 ± 0.048 χ^2/NDF : 43920.6/87

- sign -23.065 ± 0.069 χ^2/NDF : 22629.4/43

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.313+/-0.189 χ^2/NDF : 7621.4/18

Left Out: 25.216+/-0.063 χ^2/NDF : 3738.3/24

Right Out: 15.688+/-0.195 χ^2/NDF : 7525.1/20

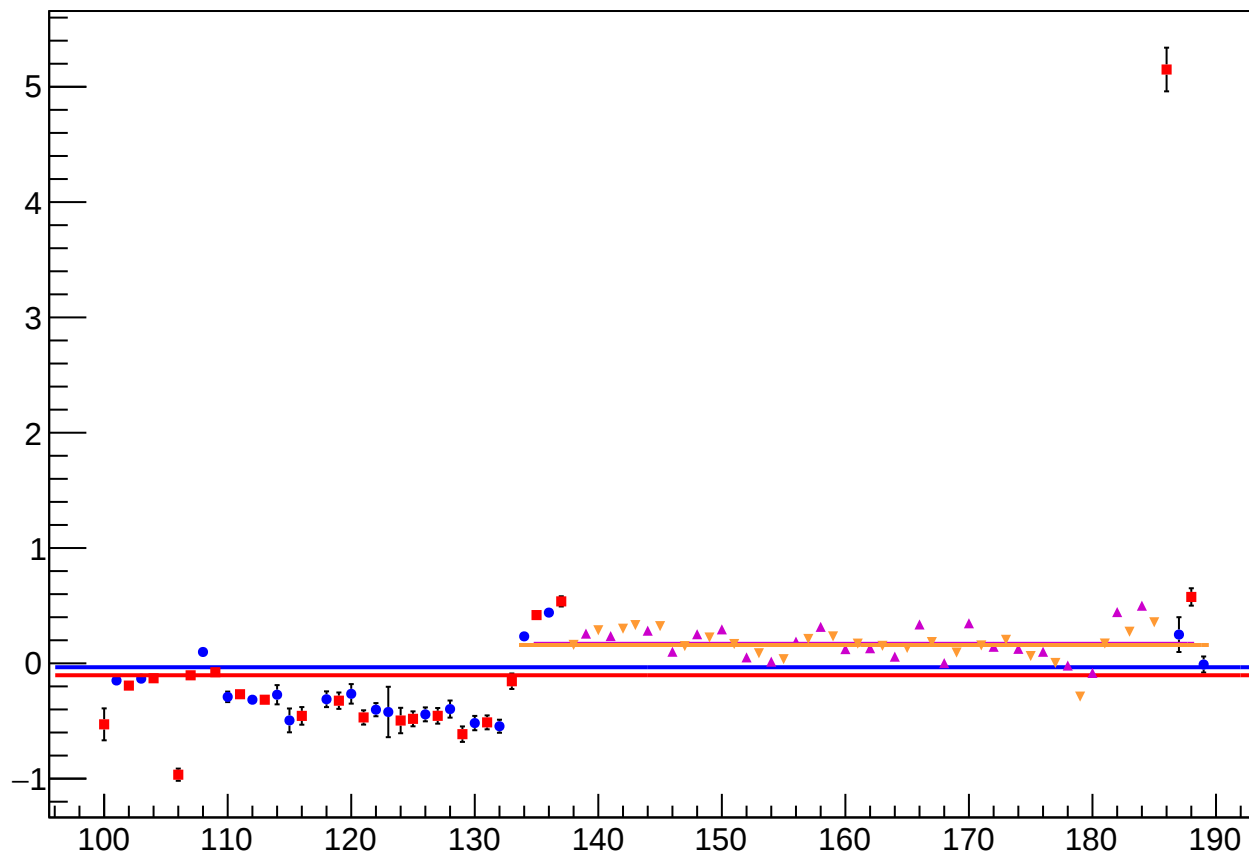
Left In: 25.005+/-0.064 χ^2/NDF : 2733.7/22

+ sign 24.336+/-0.060 χ^2/NDF : 13350.9/43

All: 24.224+/-0.042 χ^2/NDF : 25678.8/87

- 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 : 1018.1/18

Left Out: 0.159 ± 0.003 χ^2/NDF : 1856.8/24

Right Out: -0.103 ± 0.010 χ^2/NDF : 2029.3/20

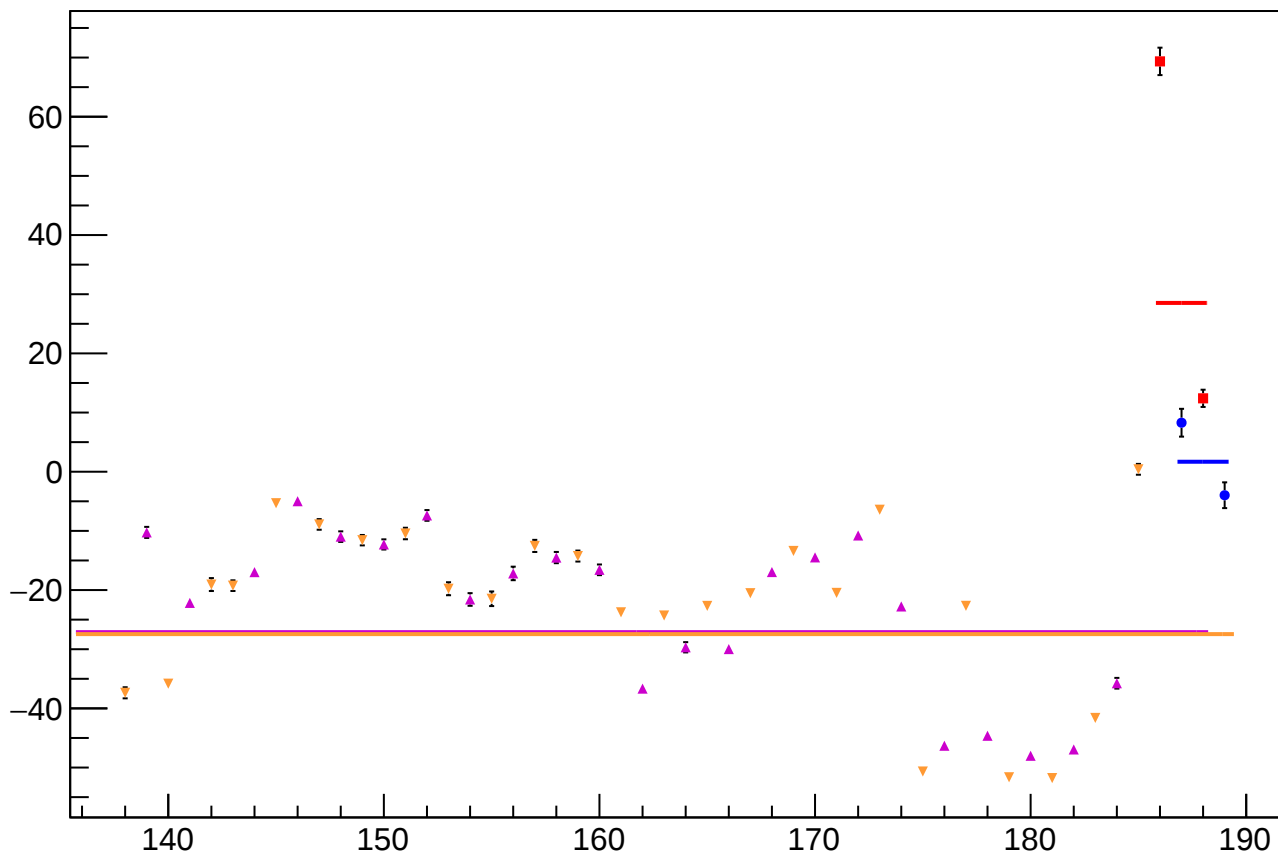
Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

+ sign 0.145 ± 0.003 χ^2/NDF : 3207.4/43

All: 0.147 ± 0.002 χ^2/NDF : 8323.4/87

- sign 0.149 ± 0.003 χ^2/NDF : 5114.9/43

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: 1.687 $\pm$ 1.598 χ^2 /NDF: 14.6/1

Left Out: -27.447 $\pm$ 0.137 χ^2 /NDF:14820.6/24

Right Out: 28.529 $\pm$ 1.233 χ^2 /NDF: 432.9/1

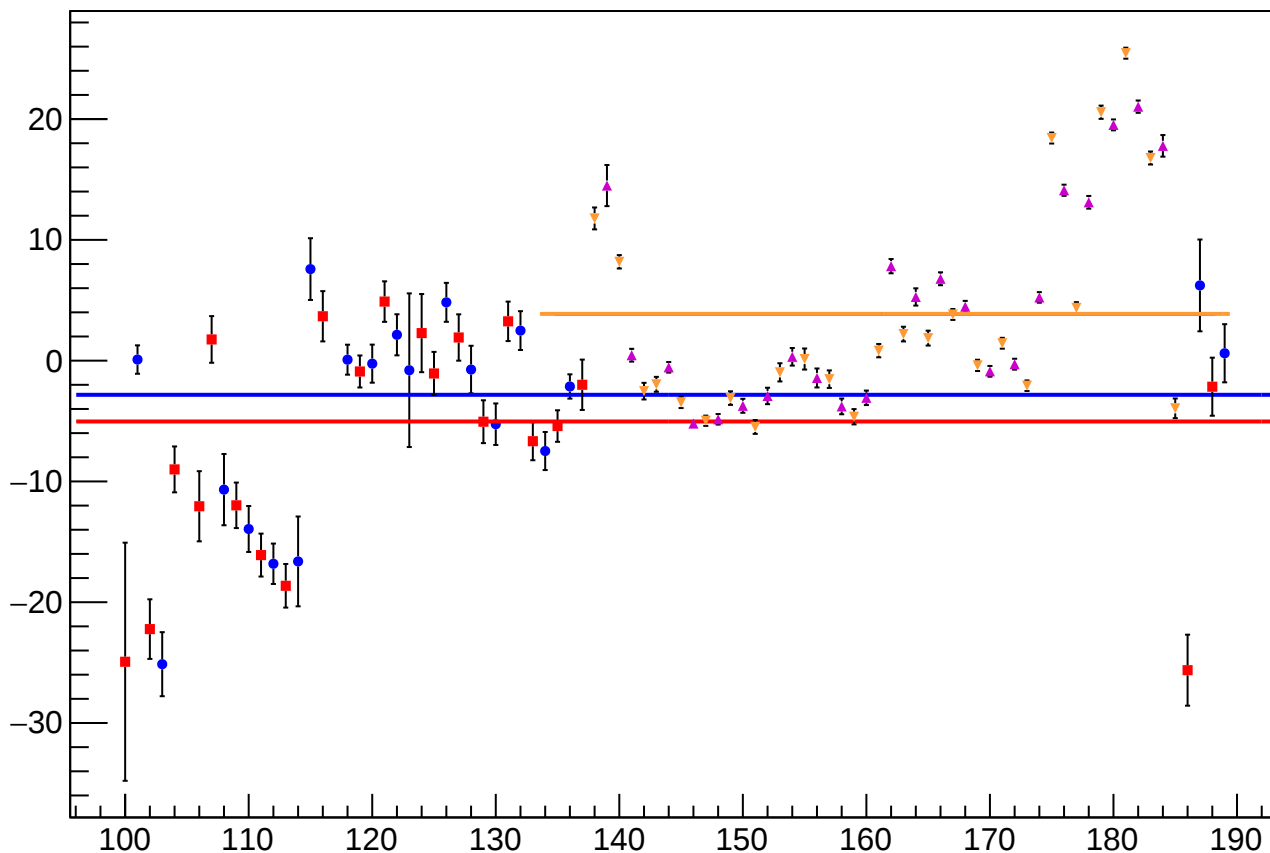
Left In: -27.114 $\pm$ 0.139 χ^2 /NDF:11443.8/22

+ sign -27.234 $\pm$ 0.137 χ^2 /NDF: 15165.4/26

All: -26.830 $\pm$ 0.097 χ^2 /NDF: 29070.3/51

- sign -26.419 $\pm$ 0.138 χ^2 /NDF: 13887.3/24

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -2.827 ± 0.400 $\chi^2/\text{NDF}: 288.8/18$

Left Out: 3.873 ± 0.109 $\chi^2/\text{NDF}: 6906.0/24$

Right Out: -5.037 ± 0.416 $\chi^2/\text{NDF}: 349.4/20$

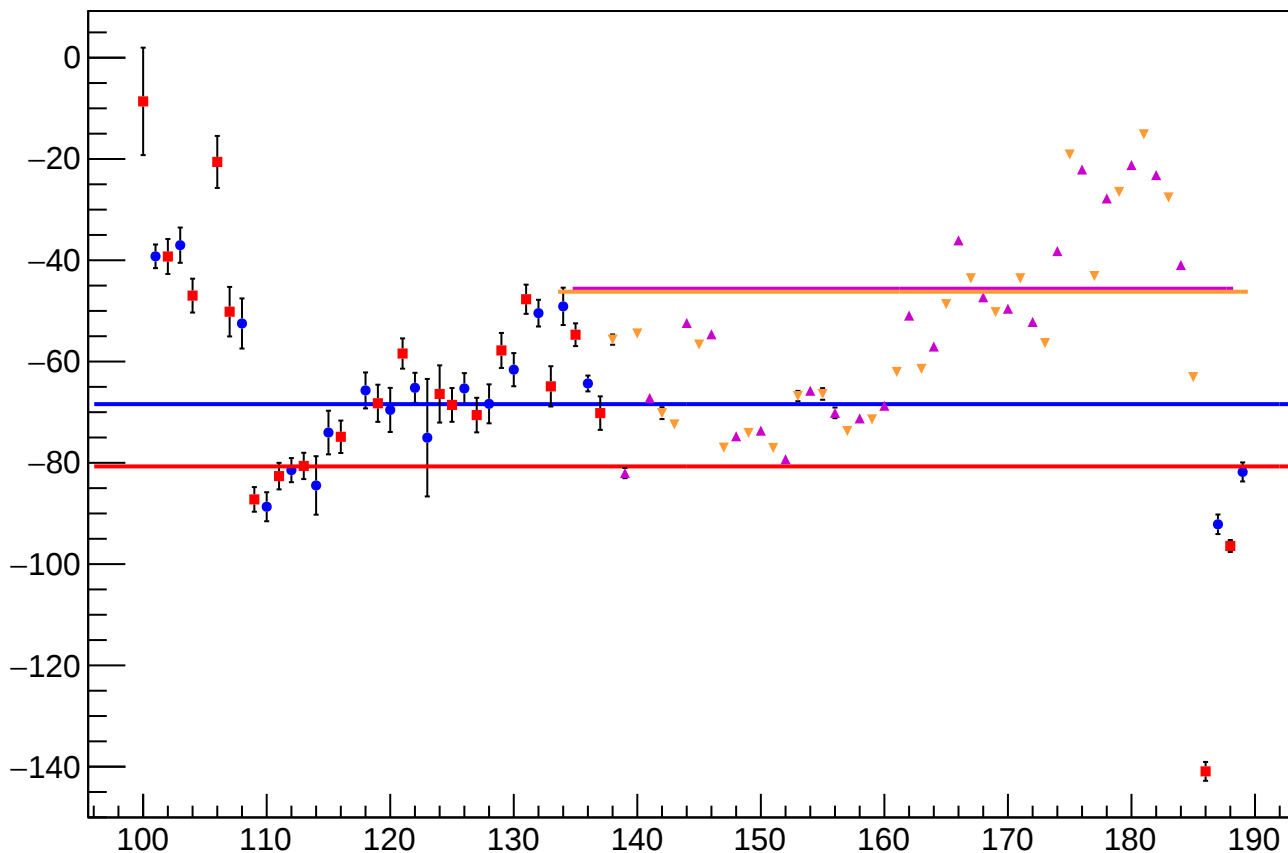
Left In: 3.861 ± 0.111 $\chi^2/\text{NDF}: 5438.4/22$

+ sign 3.405 ± 0.106 $\chi^2/\text{NDF}: 7456.3/43$

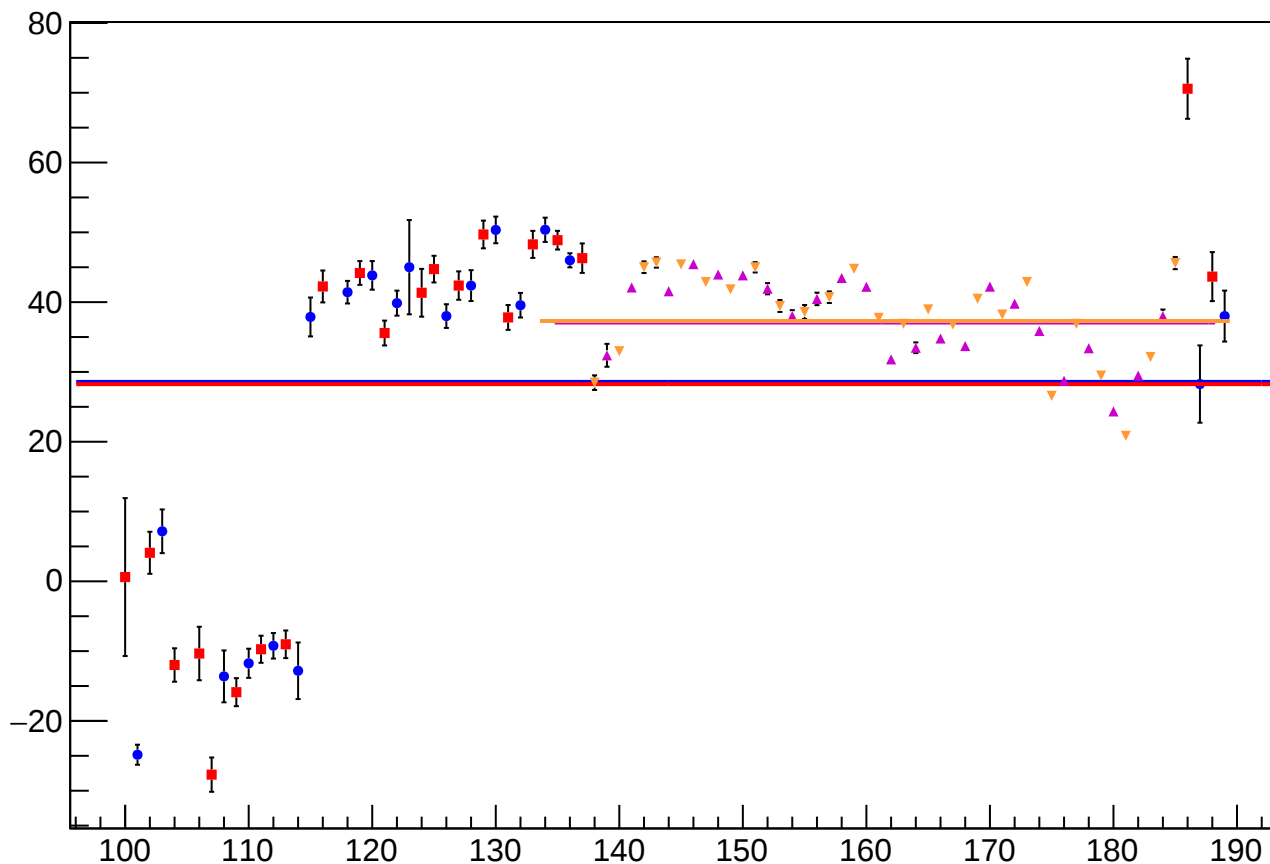
All: 3.339 ± 0.075 $\chi^2/\text{NDF}: 13672.4/87$

- sign 3.271 ± 0.107 $\chi^2/\text{NDF}: 6215.3/43$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.571 $\pm$ 0.452 χ^2 /NDF: 3337.1/18

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

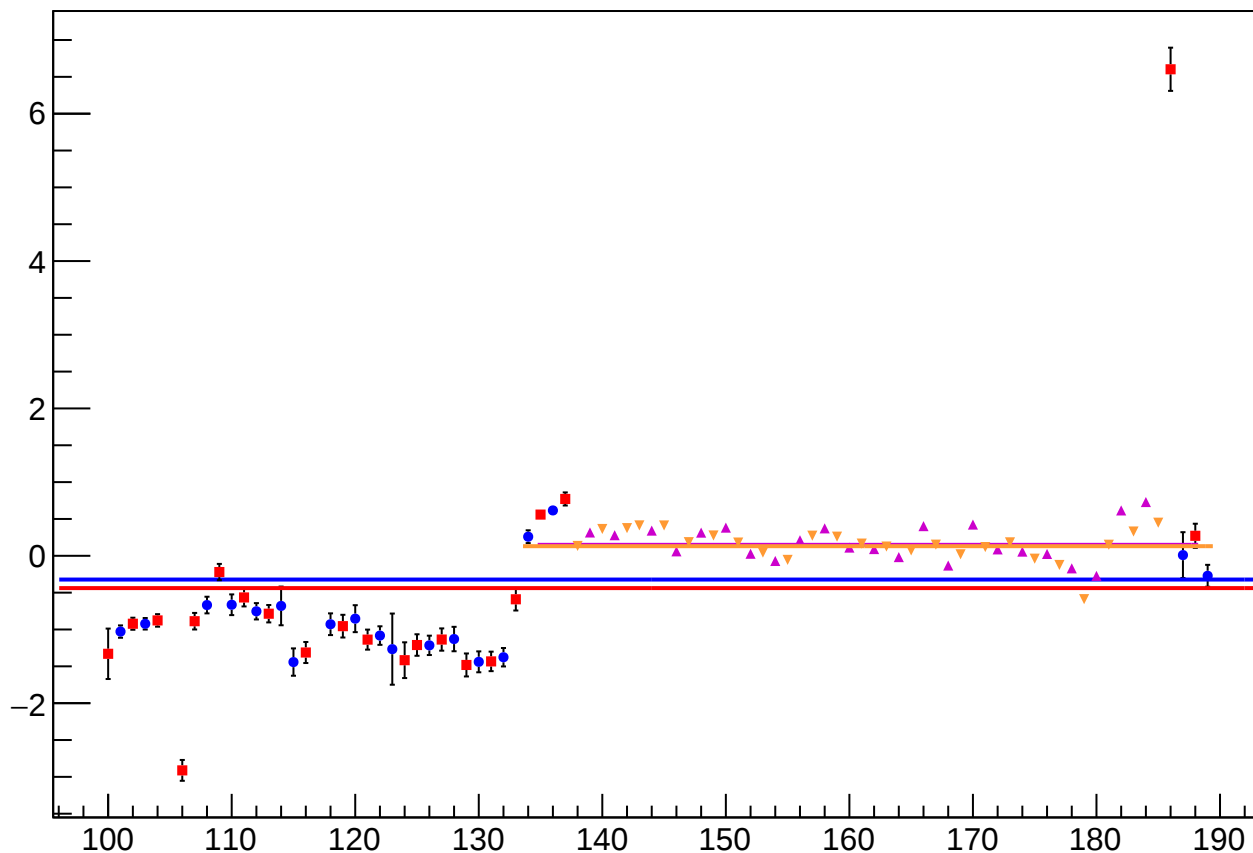
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF: 2405.4/22

+ sign 36.695 $\pm$ 0.119 χ^2 /NDF: 6797.1/43

All: 36.600 $\pm$ 0.085 χ^2 /NDF: 12683.2/87

- sign 36.502 $\pm$ 0.121 χ^2 /NDF: 5884.8/43

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.322 ± 0.024 χ^2/NDF : 1014.3/18

Left Out: 0.130 ± 0.006 χ^2/NDF : 1419.7/24

Right Out: -0.438 ± 0.025 χ^2/NDF : 1772.5/20

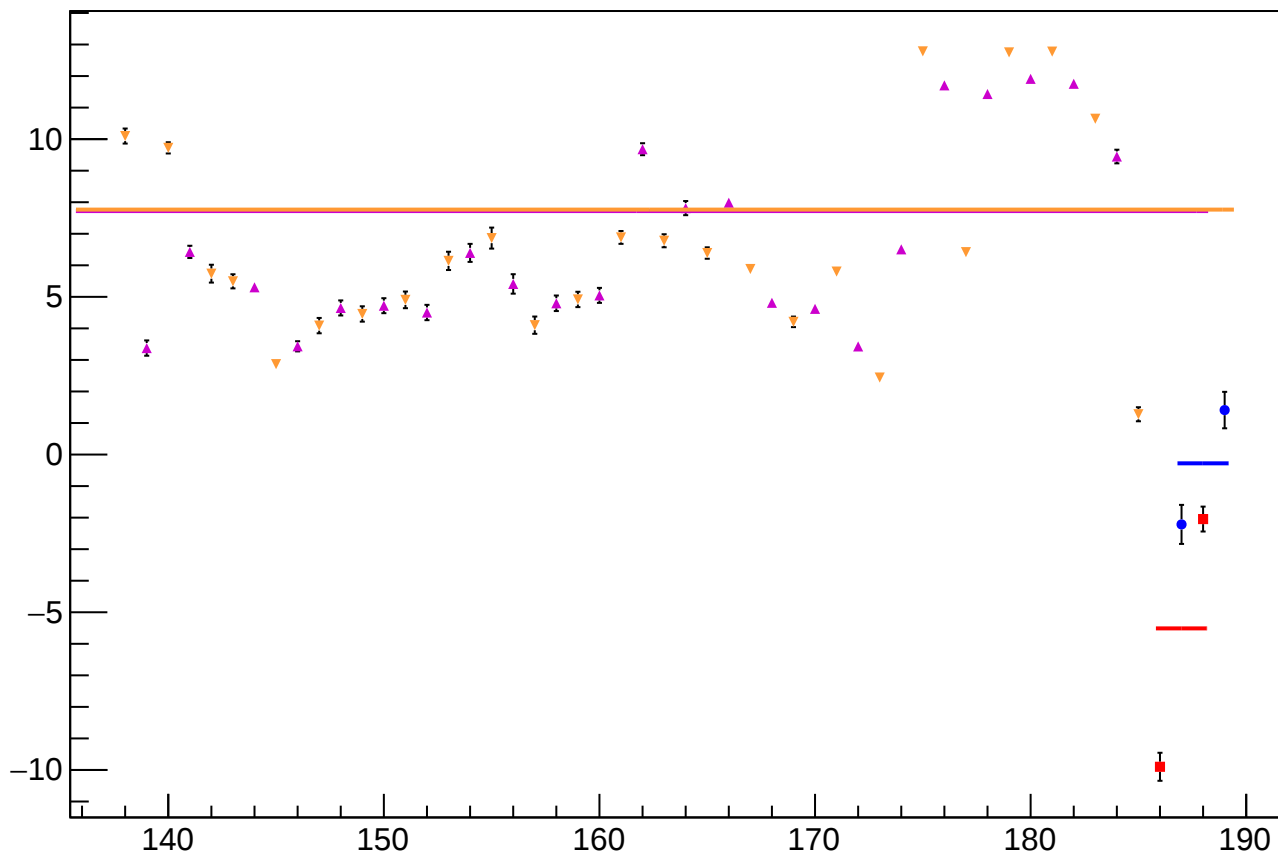
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ sign 0.108 ± 0.005 χ^2/NDF : 2758.8/43

All: 0.114 ± 0.004 χ^2/NDF : 6860.3/87

- sign 0.120 ± 0.006 χ^2/NDF : 4098.9/43

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: -0.278 ± 0.422 χ^2/NDF : 18.3/1

Left Out: 7.766 ± 0.034 χ^2/NDF : 11703.8/24

Right Out: -5.511 ± 0.295 χ^2/NDF : 174.6/1

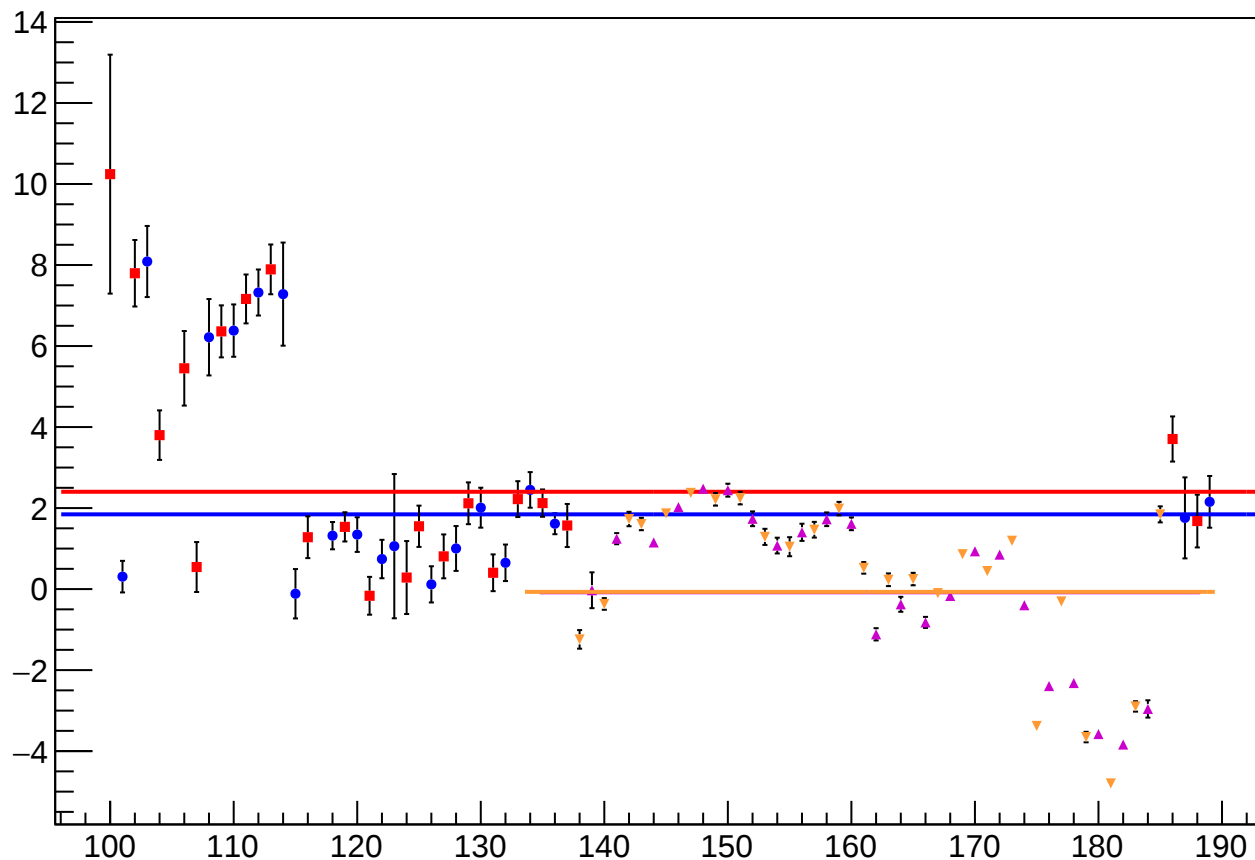
Left In: 7.719 ± 0.035 χ^2/NDF : 8490.5/22

+ sign 7.713 ± 0.034 χ^2/NDF : 12082.3/26

All: 7.626 ± 0.024 χ^2/NDF : 22742.6/51

- sign 7.537 ± 0.035 χ^2/NDF : 10647.2/24

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.845 ± 0.113 χ^2/NDF : 295.1/18

Left Out: -0.069 ± 0.028 χ^2/NDF : 6033.5/24

Right Out: 2.402 ± 0.118 χ^2/NDF : 343.2/20

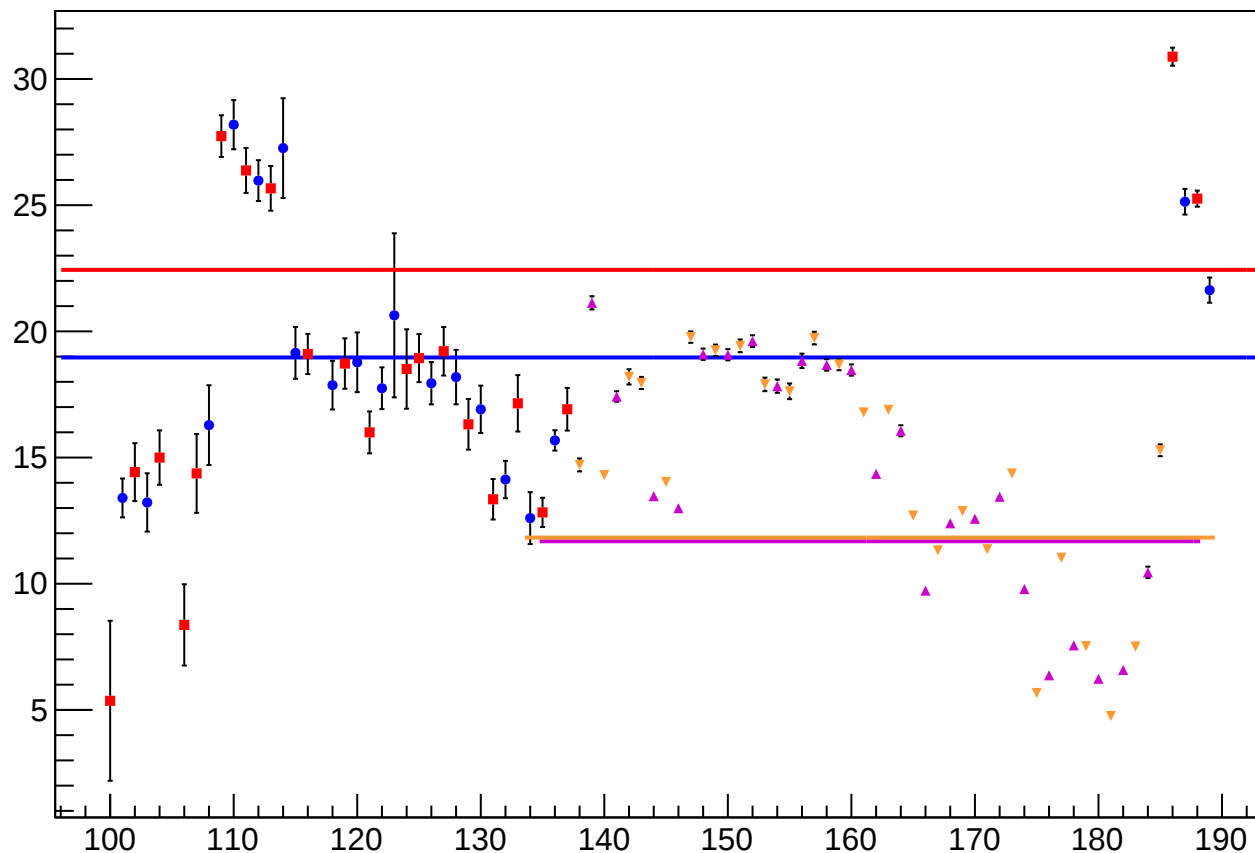
Left In: -0.079 ± 0.028 χ^2/NDF : 4989.1/22

+ sign 0.040 ± 0.027 χ^2/NDF : 6597.0/43

All: 0.048 ± 0.019 χ^2/NDF : 12349.3/87

- sign 0.055 ± 0.027 χ^2/NDF : 5752.1/43

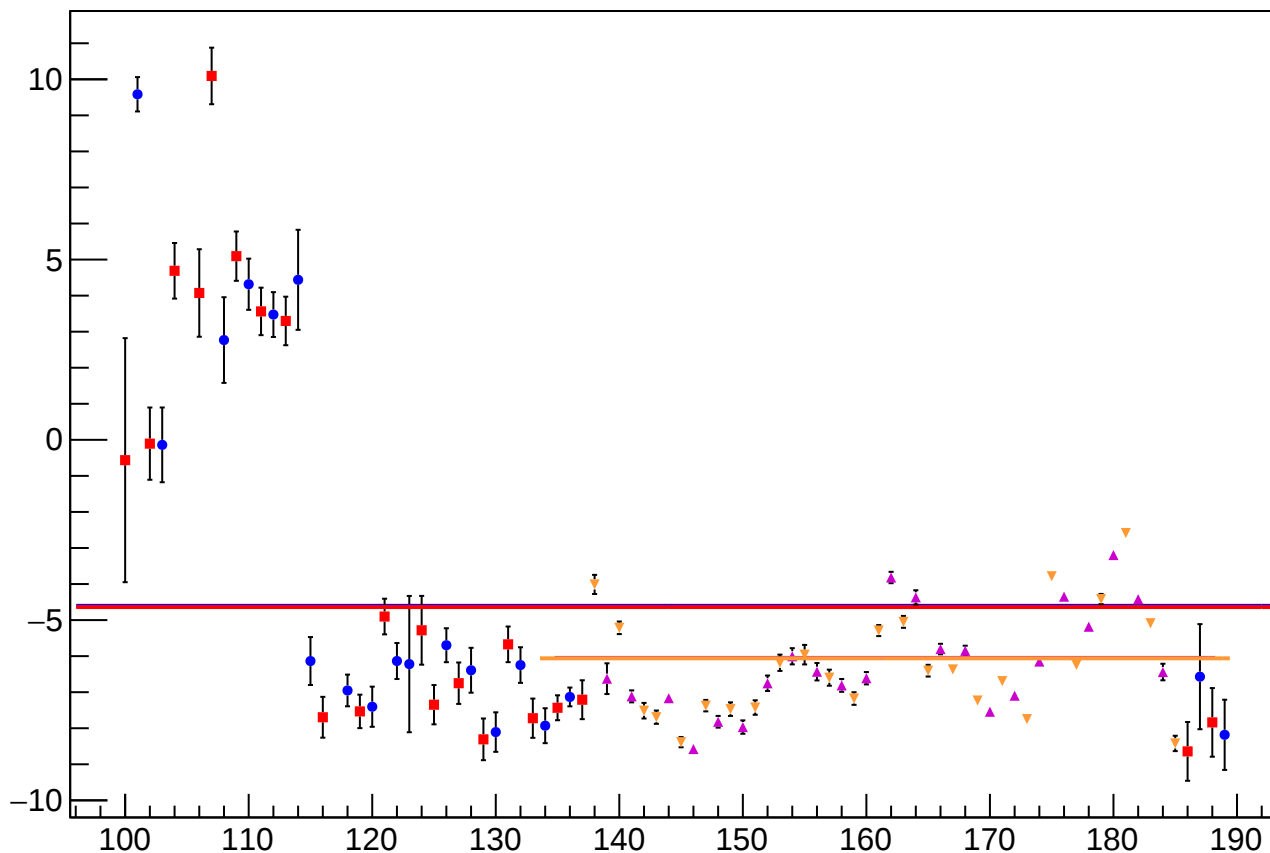
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.966 $\pm$ 0.182 χ^2 /NDF: 595.9/18
 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 12.080 $\pm$ 0.034 χ^2 /NDF: 21111.2/43
 All: 12.125 $\pm$ 0.024 χ^2 /NDF: 43866.7/87
 - 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: -4.605 ± 0.128 χ^2/NDF : 1605.9/18

Left Out: -6.061 ± 0.031 χ^2/NDF : 2649.3/24

Right Out: -4.638 ± 0.134 χ^2/NDF : 1376.0/20

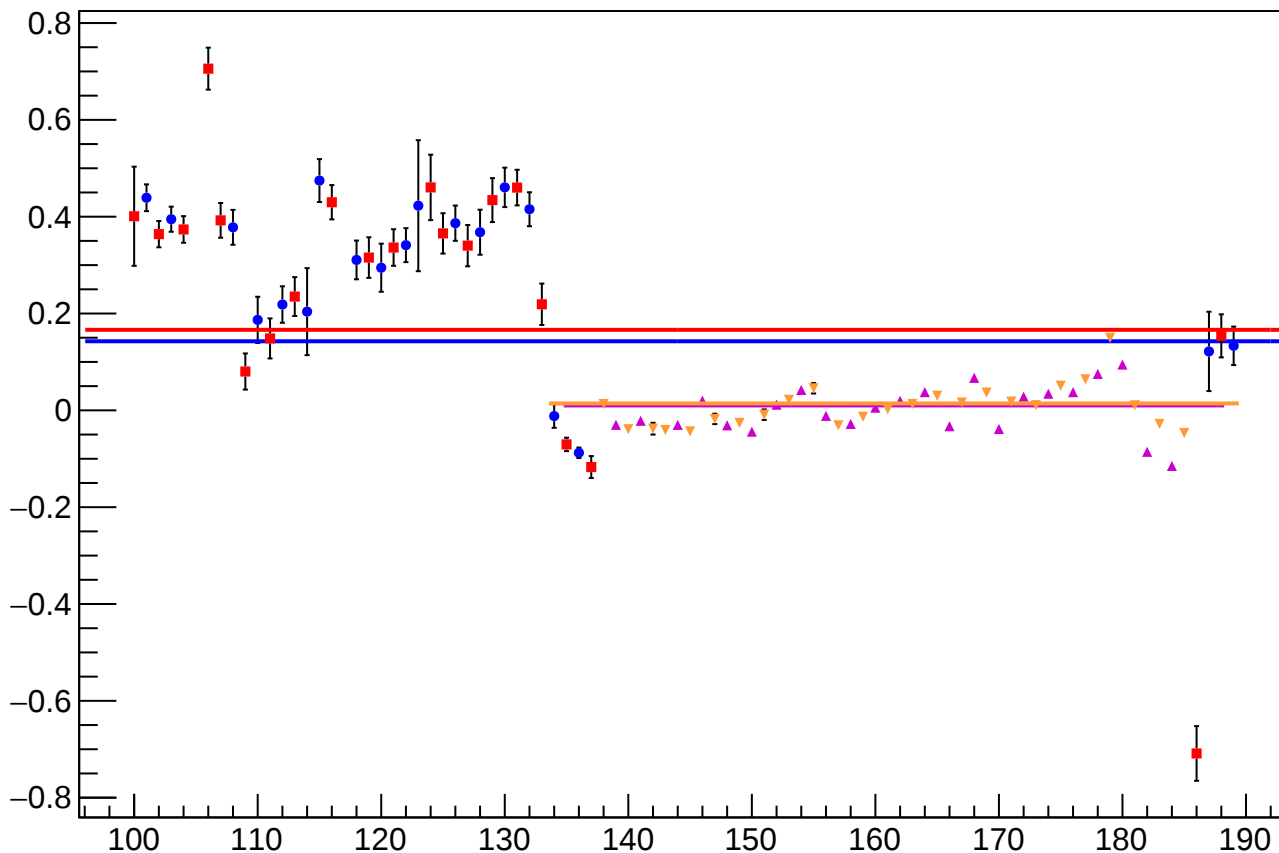
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.979 ± 0.030 χ^2/NDF : 4377.5/43

All: -5.977 ± 0.022 χ^2/NDF : 8162.3/87

- 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+/-0.007 χ^2/NDF : 1060.5/18

Left Out: 0.014+/-0.001 χ^2/NDF : 950.9/24

Right Out: 0.166+/-0.007 χ^2/NDF : 1252.3/20

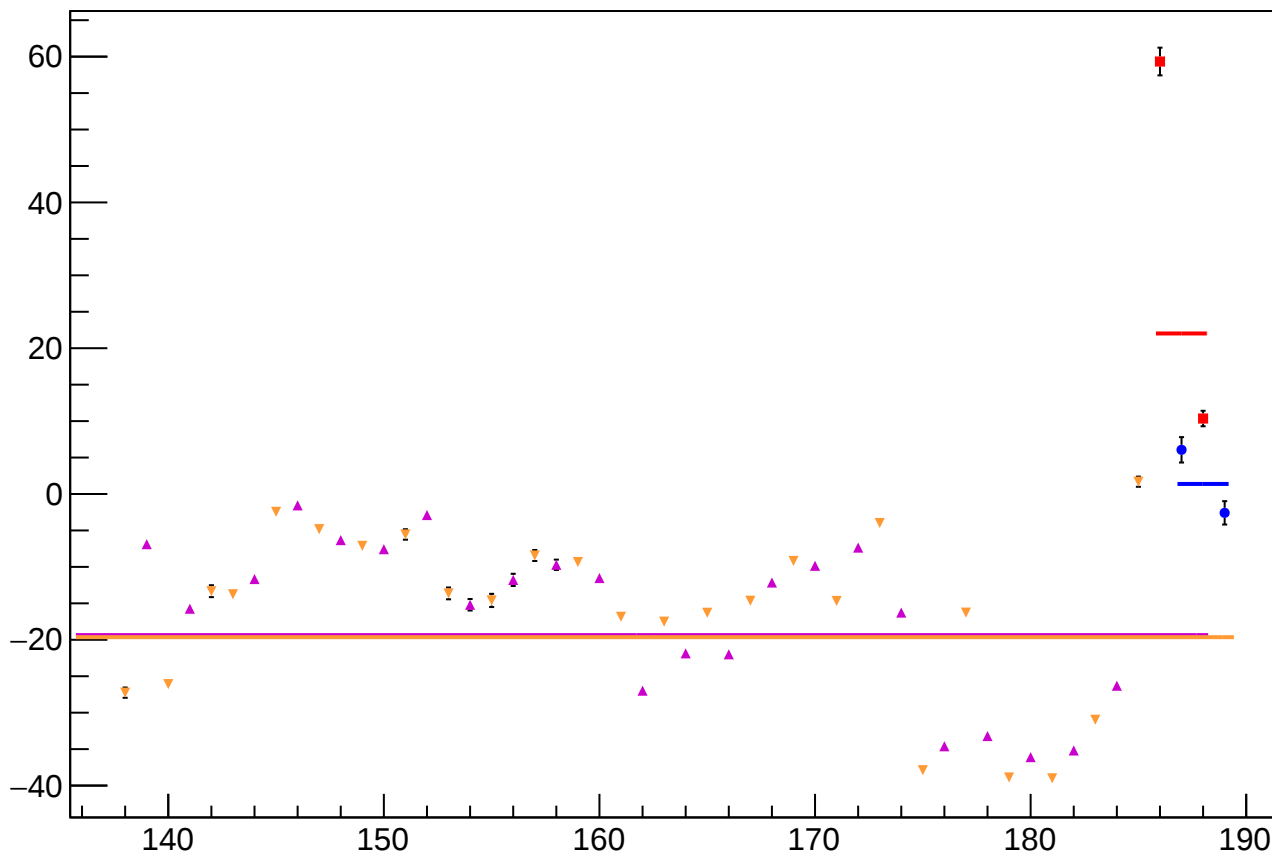
Left In: 0.010+/-0.001 χ^2/NDF : 1224.5/22

+ sign 0.020+/-0.001 χ^2/NDF : 2341.9/43

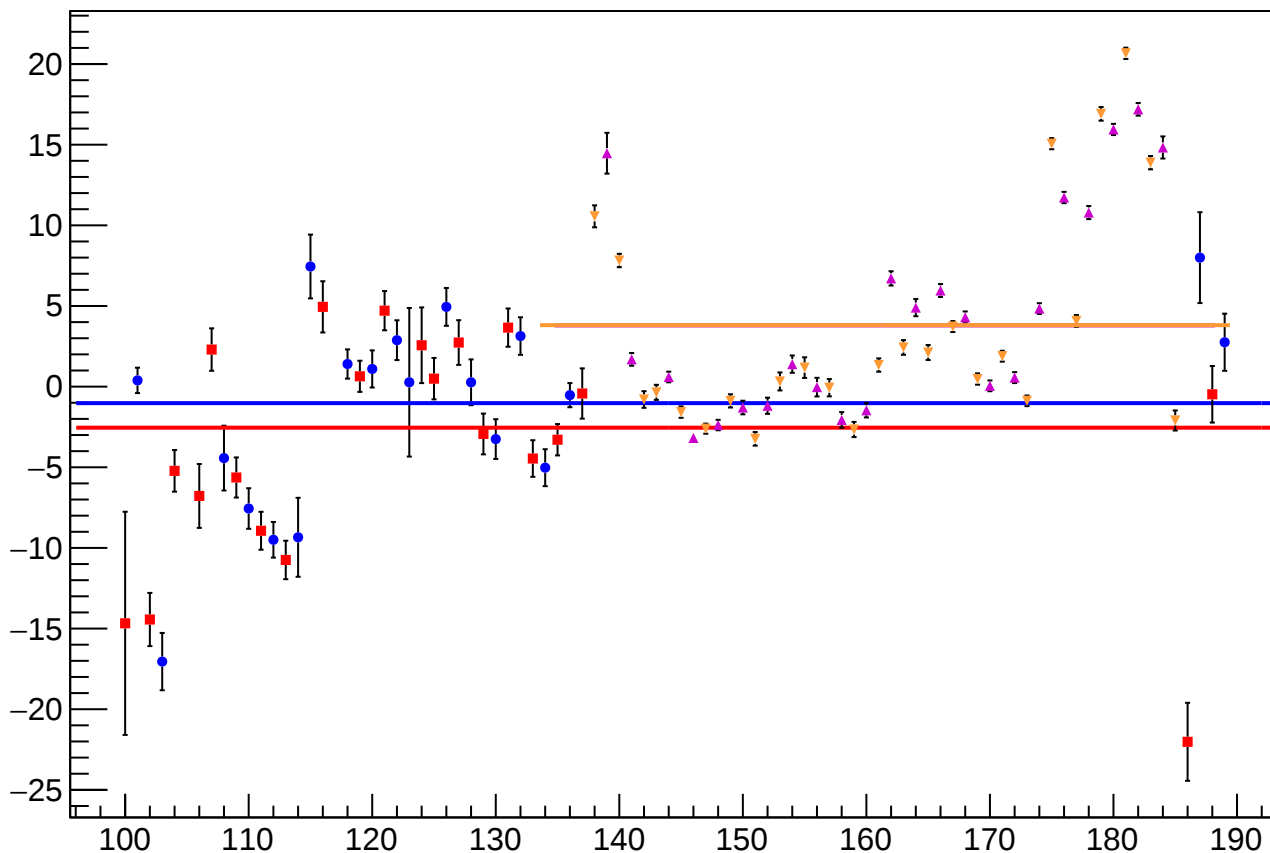
All: 0.018+/-0.001 χ^2/NDF : 5270.5/87

- sign 0.016+/-0.001 χ^2/NDF : 2925.8/43

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.023 ± 0.285 χ^2/NDF : 293.9/18

Left Out: 3.811 ± 0.082 χ^2/NDF : 7118.3/24

Right Out: -2.545 ± 0.296 χ^2/NDF : 353.2/20

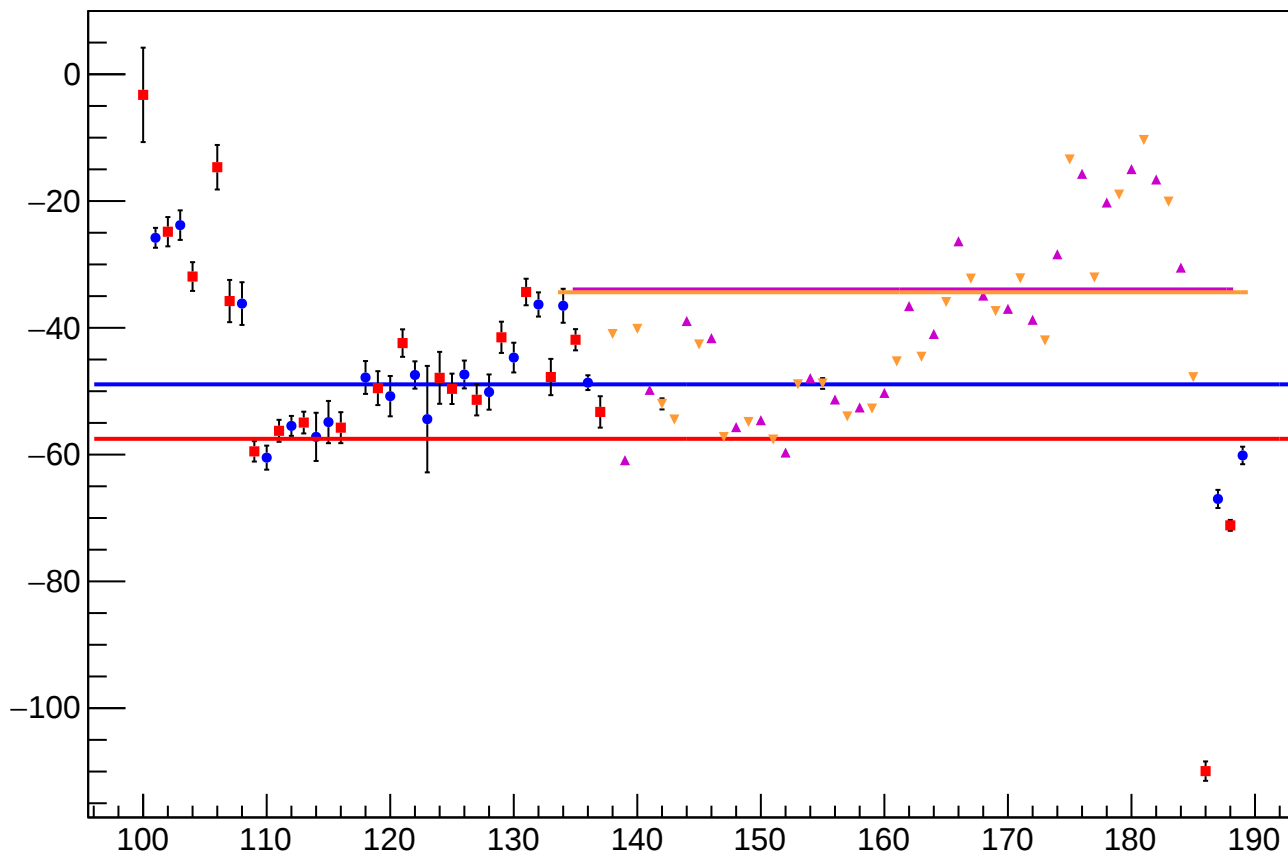
Left In: 3.795 ± 0.083 χ^2/NDF : 5534.4/22

+ sign 3.438 ± 0.079 χ^2/NDF : 7678.2/43

All: 3.385 ± 0.056 χ^2/NDF : 13992.4/87

- sign 3.329 ± 0.080 χ^2/NDF : 6313.3/43

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -48.918 ± 0.463 χ^2/NDF : 705.3/18

Left Out: -34.389 ± 0.104 χ^2/NDF : 20032.2/24

Right Out: -57.510 ± 0.432 χ^2/NDF : 2353.5/20

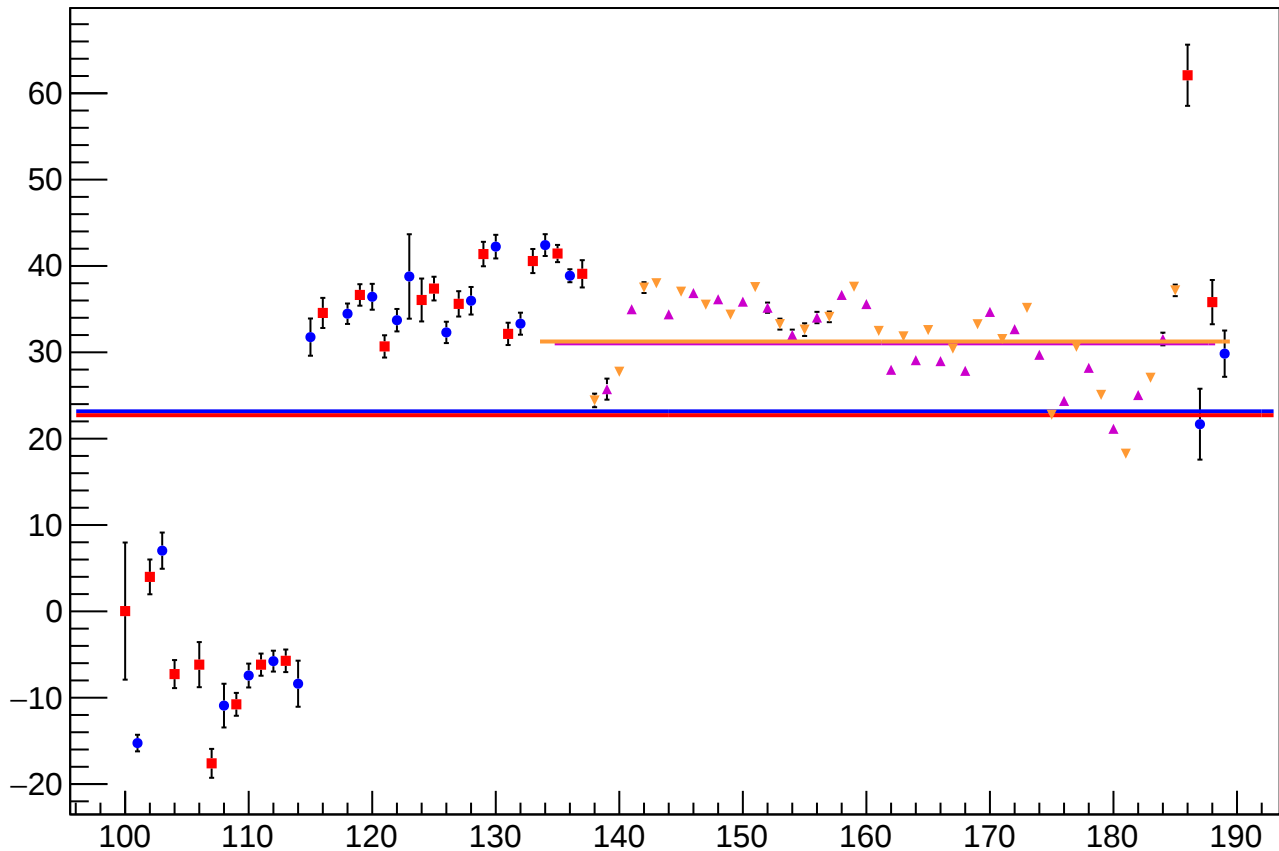
Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

+ sign -35.090 ± 0.102 χ^2/NDF : 21676.4/43

All: -35.174 ± 0.072 χ^2/NDF : 44701.9/87

- sign -35.259 ± 0.102 χ^2/NDF : 23024.1/43

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.163 $\pm$ 0.323 χ^2 /NDF: 4352.4/18

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

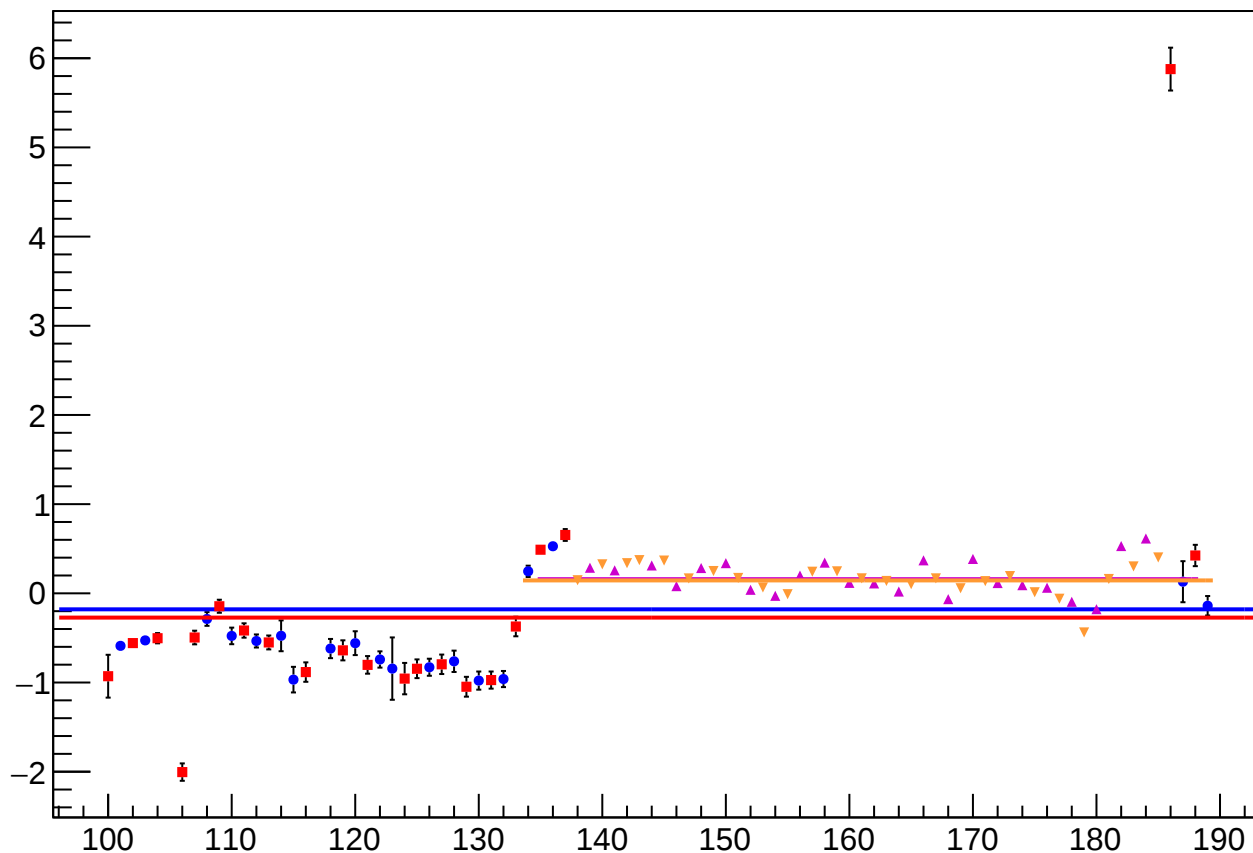
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

+ sign 30.637 $\pm$ 0.089 χ^2 /NDF: 8238.6/43

All: 30.538 $\pm$ 0.063 χ^2 /NDF: 15488.1/87

- sign 30.436 $\pm$ 0.090 χ^2 /NDF: 7247.0/43

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.179 ± 0.017 χ^2/NDF : 1000.1/18

Left Out: 0.145 ± 0.004 χ^2/NDF : 1572.6/24

Right Out: -0.272 ± 0.018 χ^2/NDF : 1881.5/20

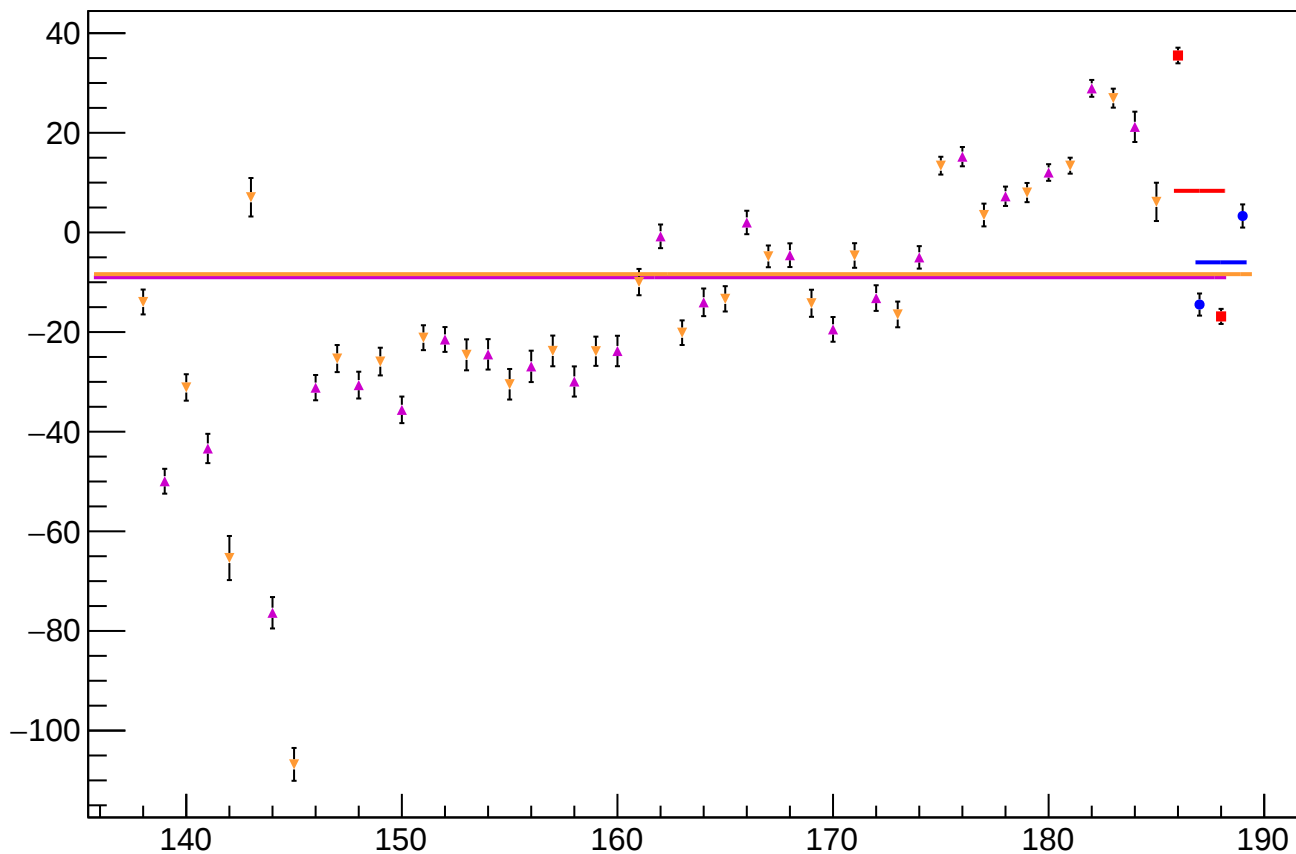
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ sign 0.127 ± 0.004 χ^2/NDF : 2898.7/43

All: 0.131 ± 0.003 χ^2/NDF : 7351.2/87

- sign 0.136 ± 0.004 χ^2/NDF : 4450.2/43

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -6.004±1.606 χ^2 /NDF: 30.6/1

Left Out: -8.375±0.500 χ^2 /NDF:2224.0/24

Right Out: 8.351±1.090 χ^2 /NDF: 576.3/1

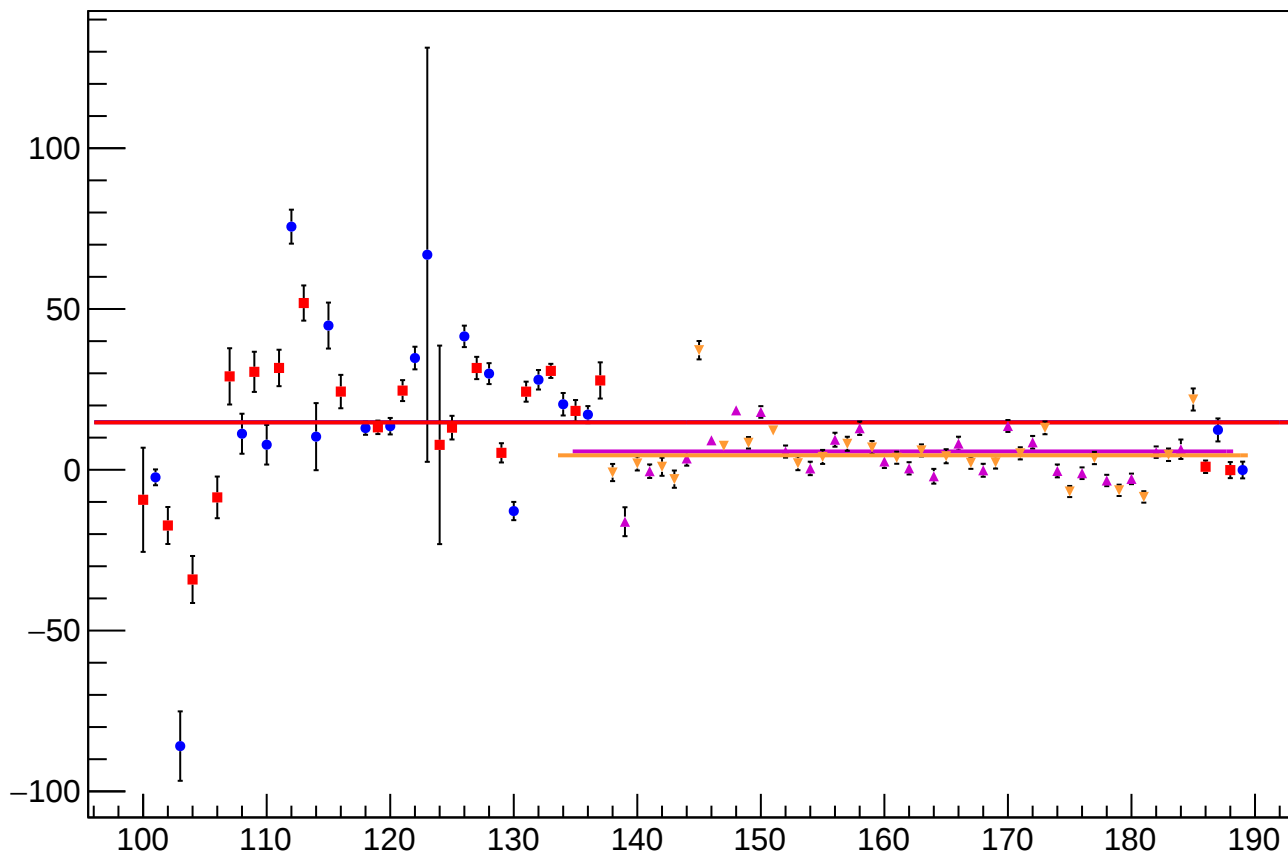
Left In: -8.995±0.505 χ^2 /NDF:2308.2/22

+ sign -8.166±0.478 χ^2 /NDF: 2256.6/26

All: -7.001±0.331 χ^2 /NDF: 5360.9/51

- sign -5.930±0.458 χ^2 /NDF: 3092.9/24

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 14.795 $\pm$ 0.786 χ^2 /NDF: 557.0/18

Left Out: 4.494 $\pm$ 0.393 χ^2 /NDF: 372.1/24

Right Out: 14.729 $\pm$ 0.775 χ^2 /NDF: 357.2/20

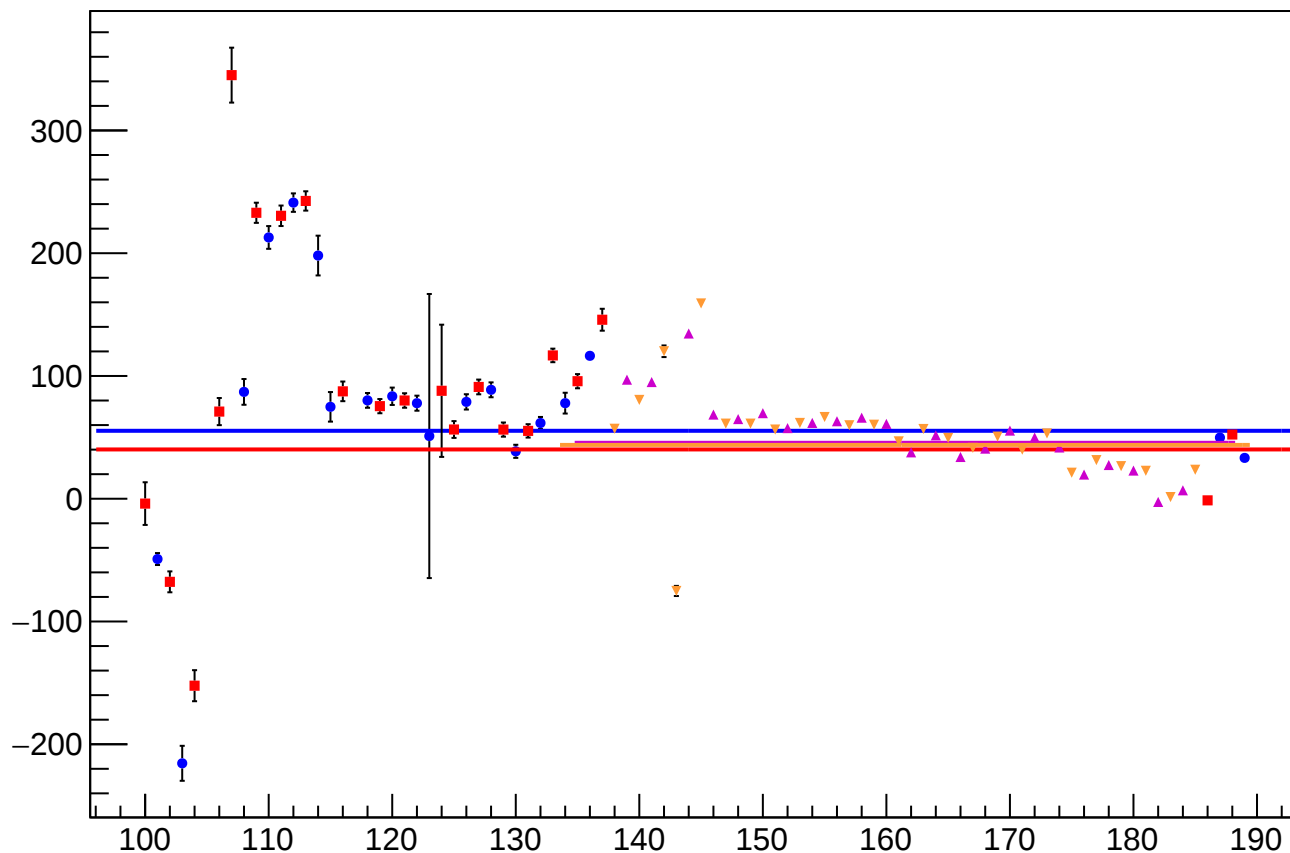
Left In: 5.699 $\pm$ 0.403 χ^2 /NDF: 329.1/22

+ sign 6.552 $\pm$ 0.351 χ^2 /NDF: 1066.5/43

All: 7.078 $\pm$ 0.251 χ^2 /NDF: 1864.2/87

- sign 7.623 $\pm$ 0.358 χ^2 /NDF: 793.1/43

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 55.341 ± 1.036 χ^2/NDF : 2278.6/18

Left Out: 43.840 ± 0.499 χ^2/NDF : 3680.9/24

Right Out: 40.147 ± 0.780 χ^2/NDF : 4148.8/20

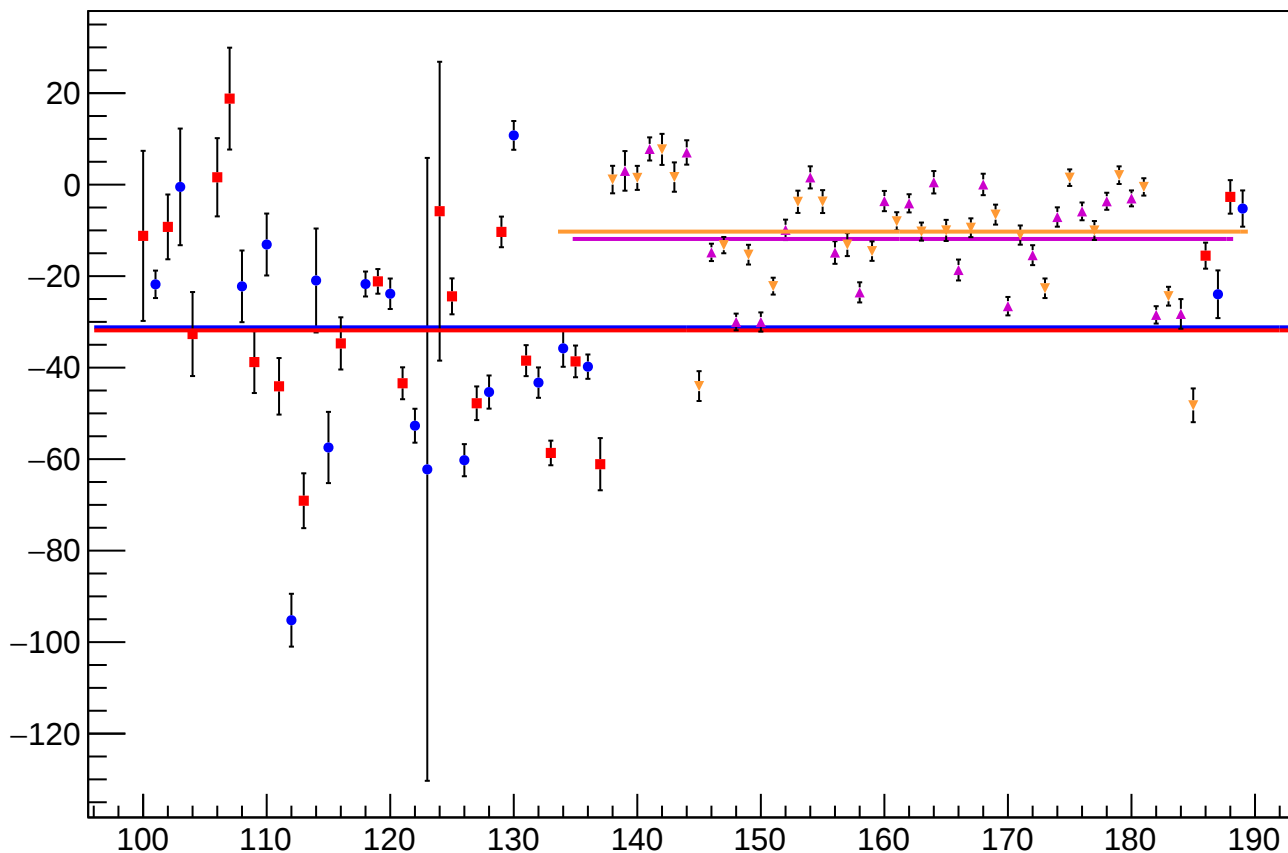
Left In: 45.559 ± 0.502 χ^2/NDF : 3152.4/22

+ sign 46.006 ± 0.450 χ^2/NDF : 6059.5/43

All: 44.925 ± 0.308 χ^2/NDF : 13405.7/87

- sign 43.971 ± 0.422 χ^2/NDF : 7335.3/43

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -31.192 ± 0.929 χ^2/NDF : 541.4/18

Left Out: -10.267 ± 0.445 χ^2/NDF : 553.7/24

Right Out: -31.854 ± 0.933 χ^2/NDF : 411.9/20

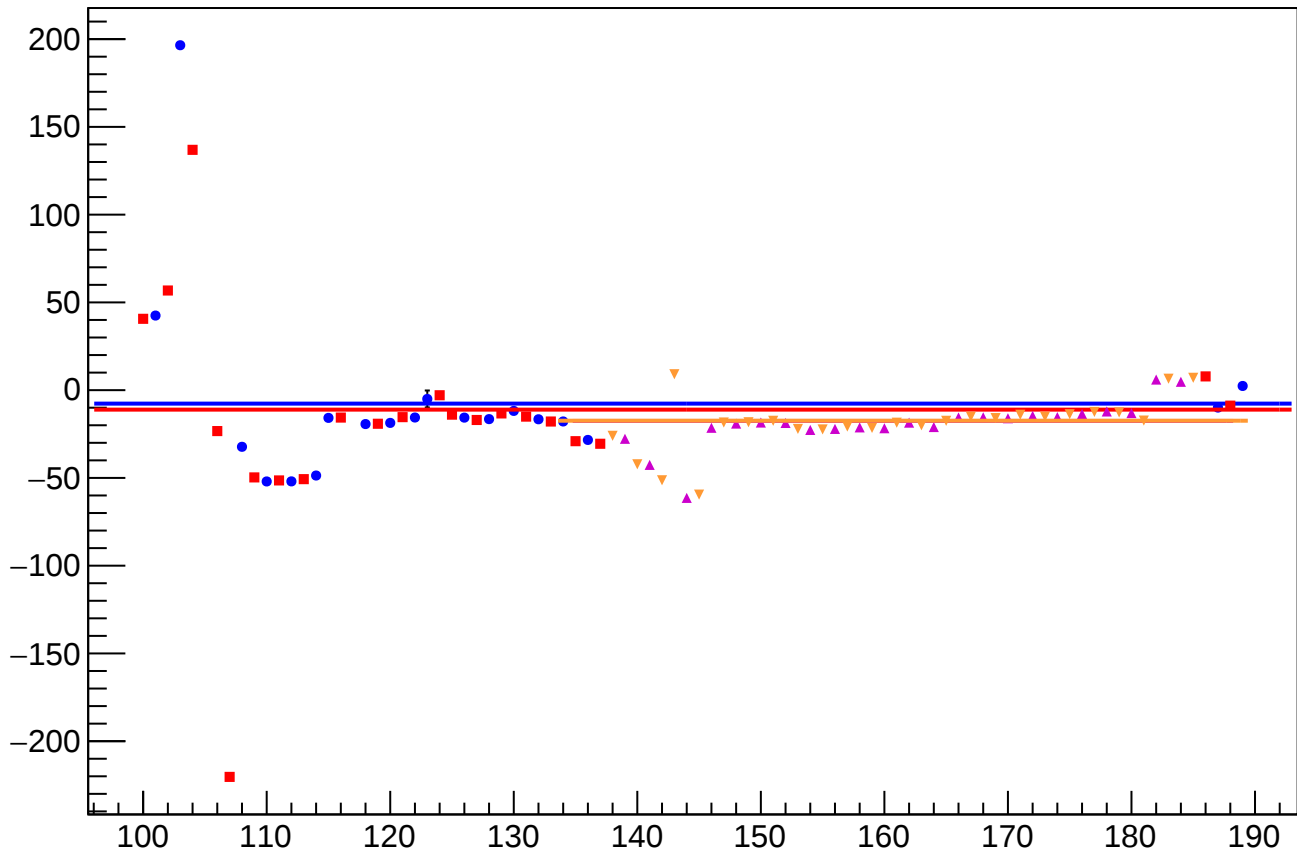
Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

+ sign -14.173 ± 0.401 χ^2/NDF : 1508.0/43

All: -14.928 ± 0.286 χ^2/NDF : 2966.2/87

- sign -15.712 ± 0.409 χ^2/NDF : 1451.0/43

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -7.668 ± 0.055 χ^2/NDF : 579820.9/18

Left Out: -17.411 ± 0.020 χ^2/NDF : 320231.3/24

Right Out: -11.093 ± 0.056 χ^2/NDF : 568658.2/20

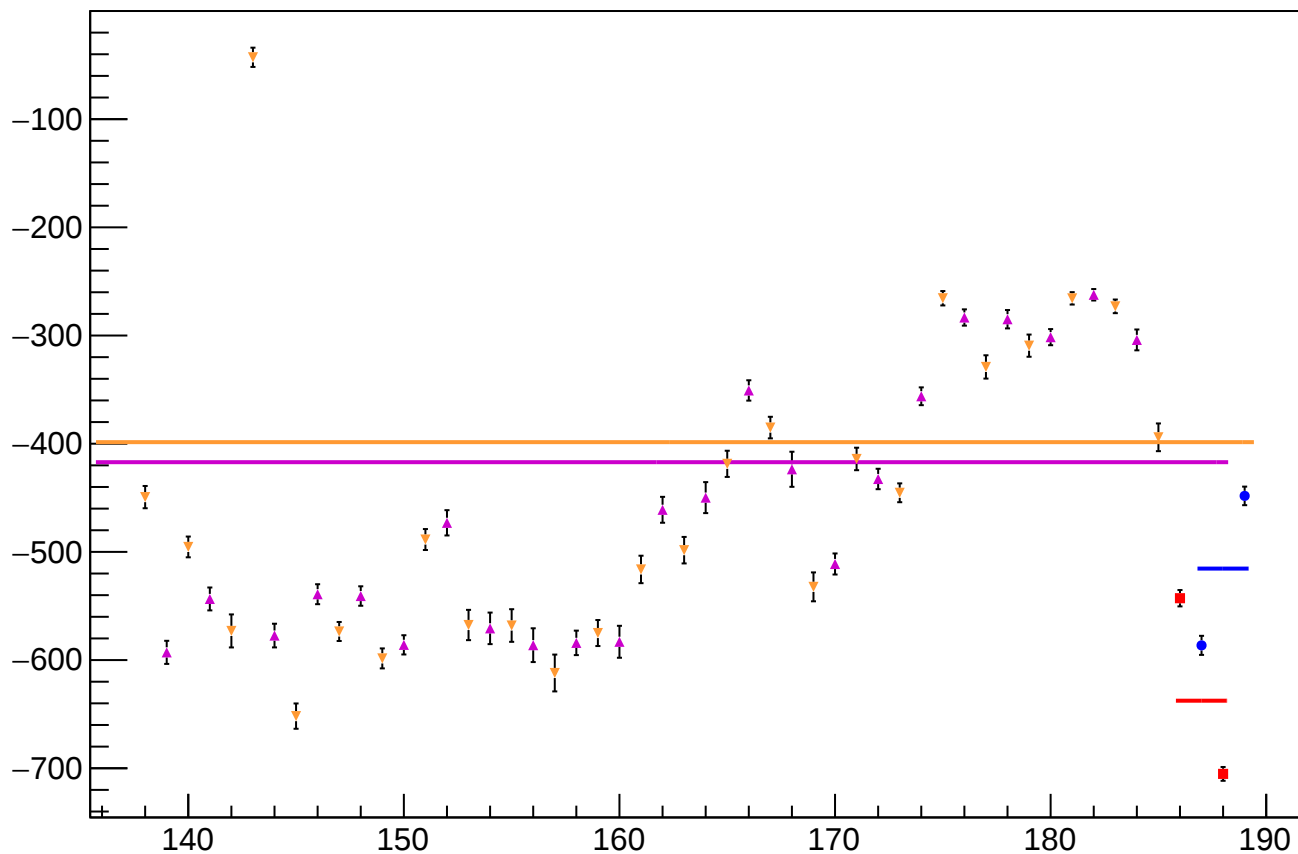
Left In: -17.552 ± 0.021 χ^2/NDF : 261900.3/22

+ sign -16.218 ± 0.019 χ^2/NDF : 927911.7/43

All: -16.496 ± 0.014 χ^2/NDF : 1770653.7/87

- sign -16.780 ± 0.019 χ^2/NDF : 842313.6/43

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -515.432 ± 6.149 χ^2/NDF : 126.1/1

Left Out: -398.556 ± 1.962 χ^2/NDF : 5659.5/24

Right Out: -637.557 ± 4.876 χ^2/NDF : 269.6/1

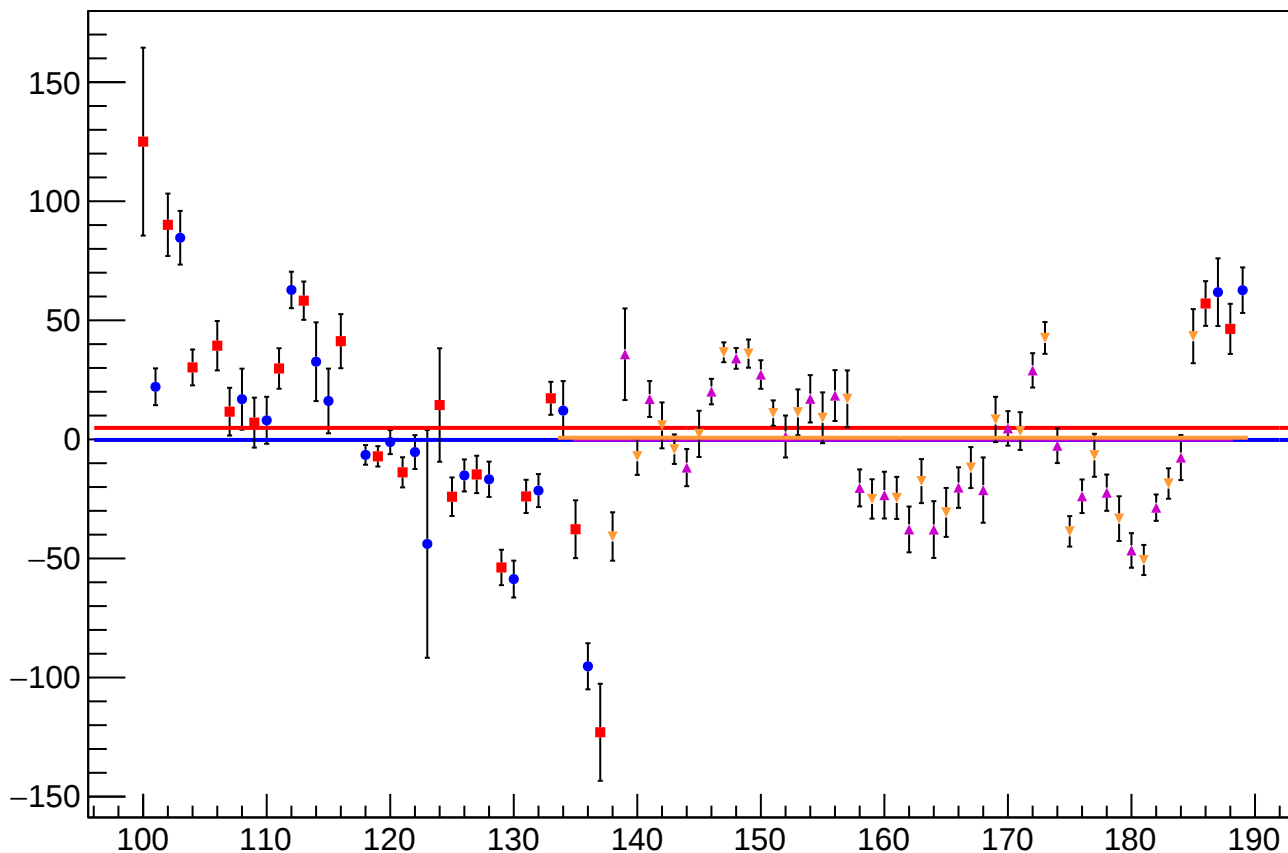
Left In: -417.080 ± 1.997 χ^2/NDF : 3958.5/22

+ sign -409.353 ± 1.869 χ^2/NDF : 6113.6/26

All: -429.268 ± 1.314 χ^2/NDF : 12317.2/51

- sign -448.742 ± 1.848 χ^2/NDF : 5978.9/24

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -0.225 ± 1.837 χ^2/NDF : 380.2/18

Left Out: 0.697 ± 1.510 χ^2/NDF : 349.9/24

Right Out: 4.834 ± 1.852 χ^2/NDF : 353.7/20

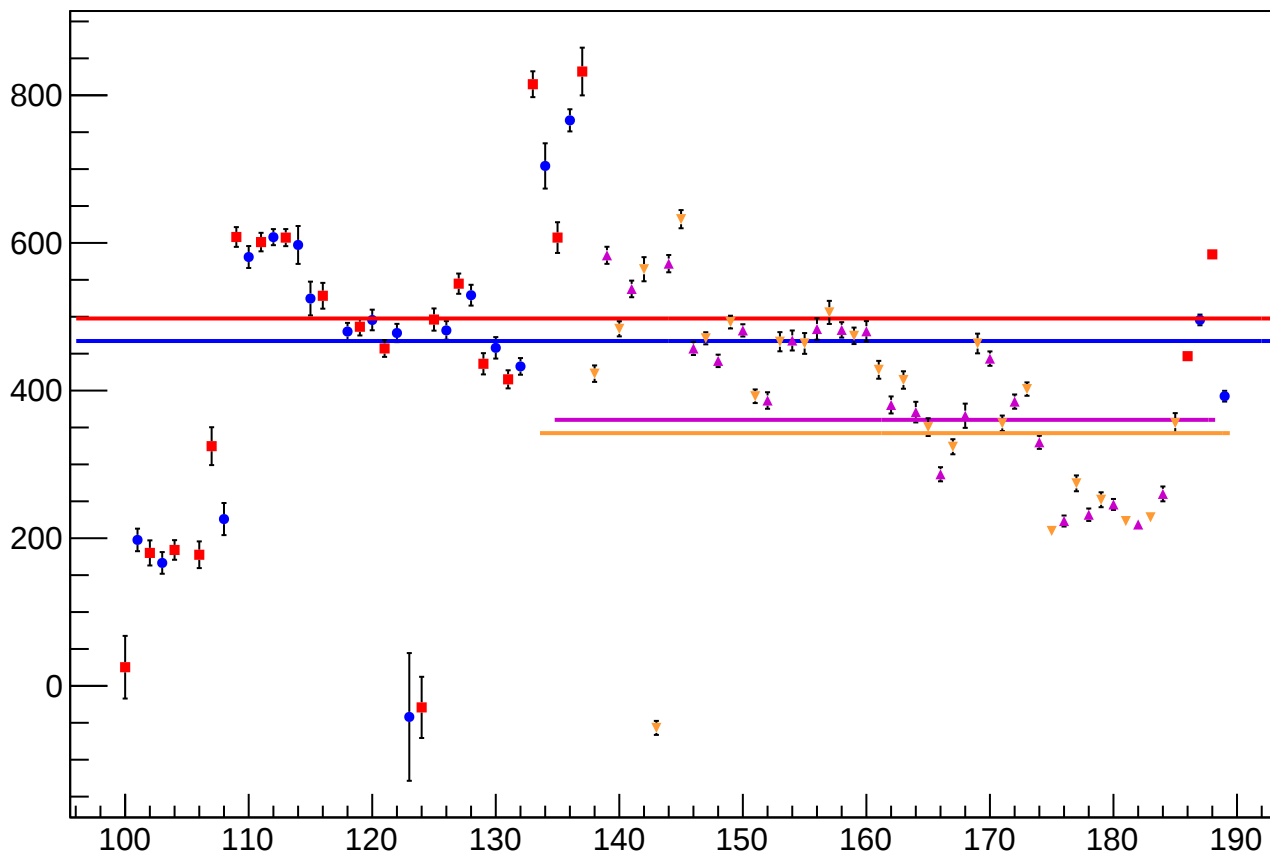
Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

+ sign 0.325 ± 1.167 χ^2/NDF : 730.2/43

All: 1.137 ± 0.836 χ^2/NDF : 1353.1/87

- sign 1.993 ± 1.198 χ^2/NDF : 621.9/43

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 467.136 ± 2.965 $\chi^2/\text{NDF}: 1759.6/18$

Left Out: 342.368 ± 1.970 $\chi^2/\text{NDF}: 5181.7/24$

Right Out: 497.646 ± 2.624 $\chi^2/\text{NDF}: 2686.1/20$

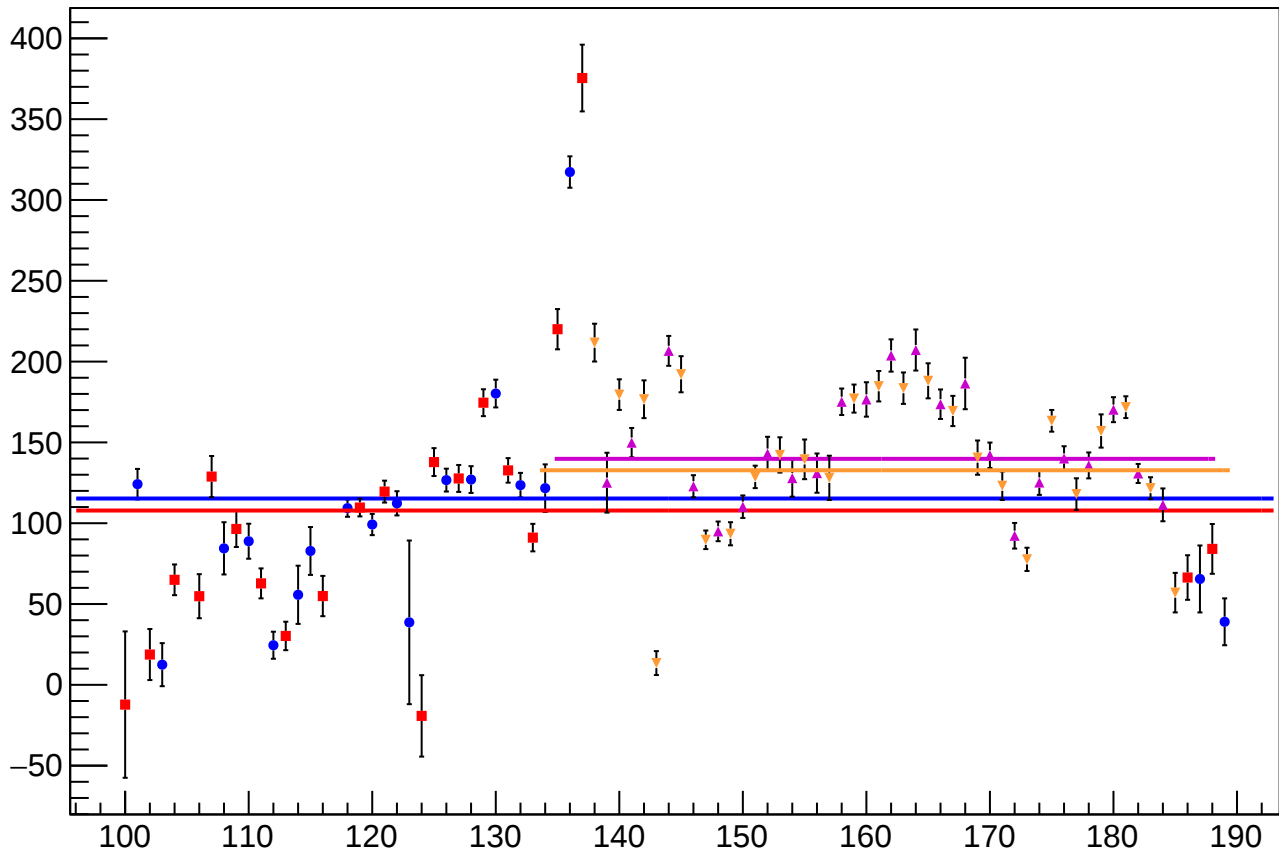
Left In: 360.355 ± 1.996 $\chi^2/\text{NDF}: 3449.9/22$

+ sign 380.582 ± 1.641 $\chi^2/\text{NDF}: 8170.2/43$

All: 396.106 ± 1.141 $\chi^2/\text{NDF}: 16213.8/87$

- sign 410.658 ± 1.588 $\chi^2/\text{NDF}: 7870.2/43$

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 115.283 ± 2.156 $\chi^2/\text{NDF}: 741.4/18$

Left Out: 132.762 ± 1.736 $\chi^2/\text{NDF}: 749.6/24$

Right Out: 107.847 ± 2.160 $\chi^2/\text{NDF}: 583.1/20$

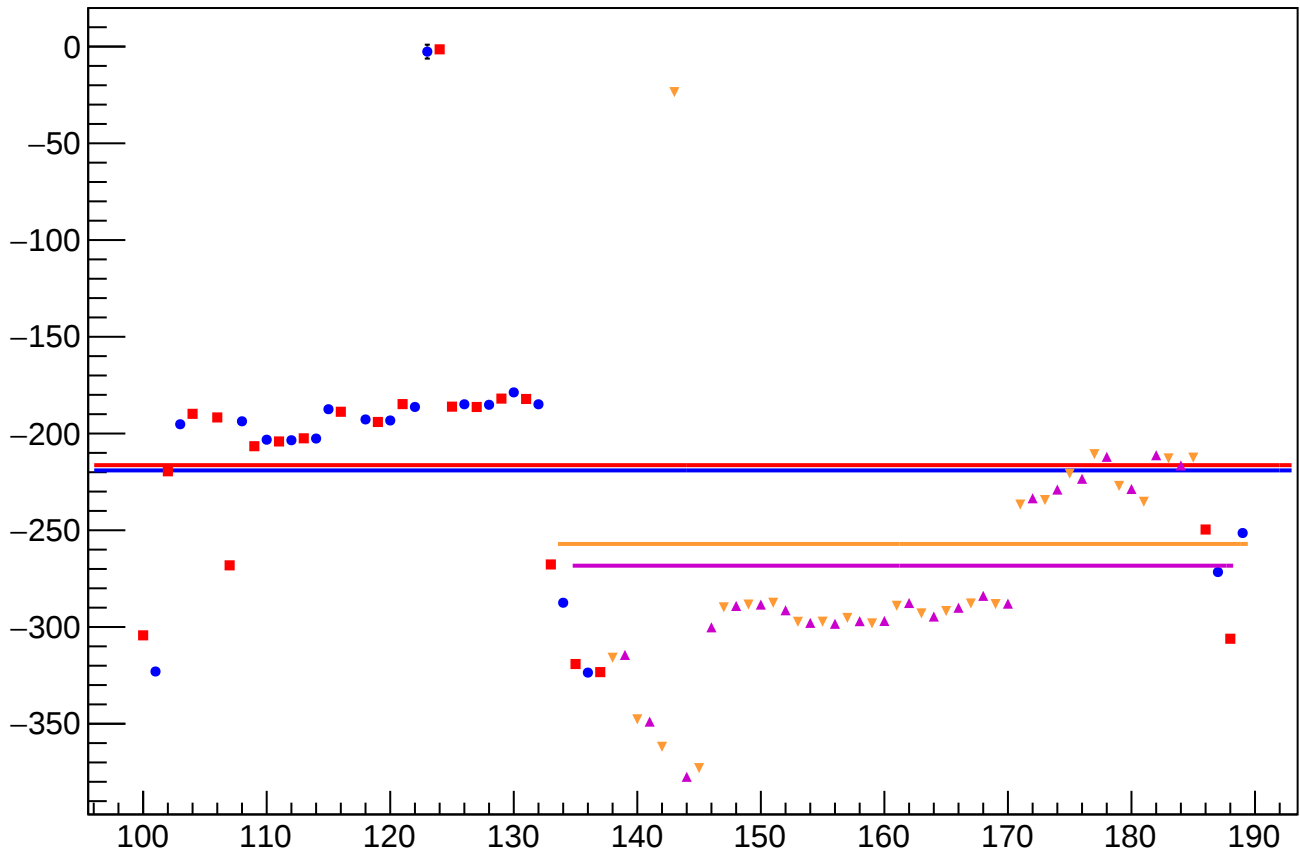
Left In: 139.828 ± 1.790 $\chi^2/\text{NDF}: 321.7/22$

+ sign 125.890 ± 1.352 $\chi^2/\text{NDF}: 1530.9/43$

All: 126.343 ± 0.965 $\chi^2/\text{NDF}: 2565.8/87$

- sign 126.813 ± 1.378 $\chi^2/\text{NDF}: 1034.7/43$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -219.062 ± 0.132 $\chi^2/\text{NDF}: 152018.9/18$

Left Out: -257.067 ± 0.082 $\chi^2/\text{NDF}: 665762.3/24$

Right Out: -216.351 ± 0.127 $\chi^2/\text{NDF}: 133563.1/20$

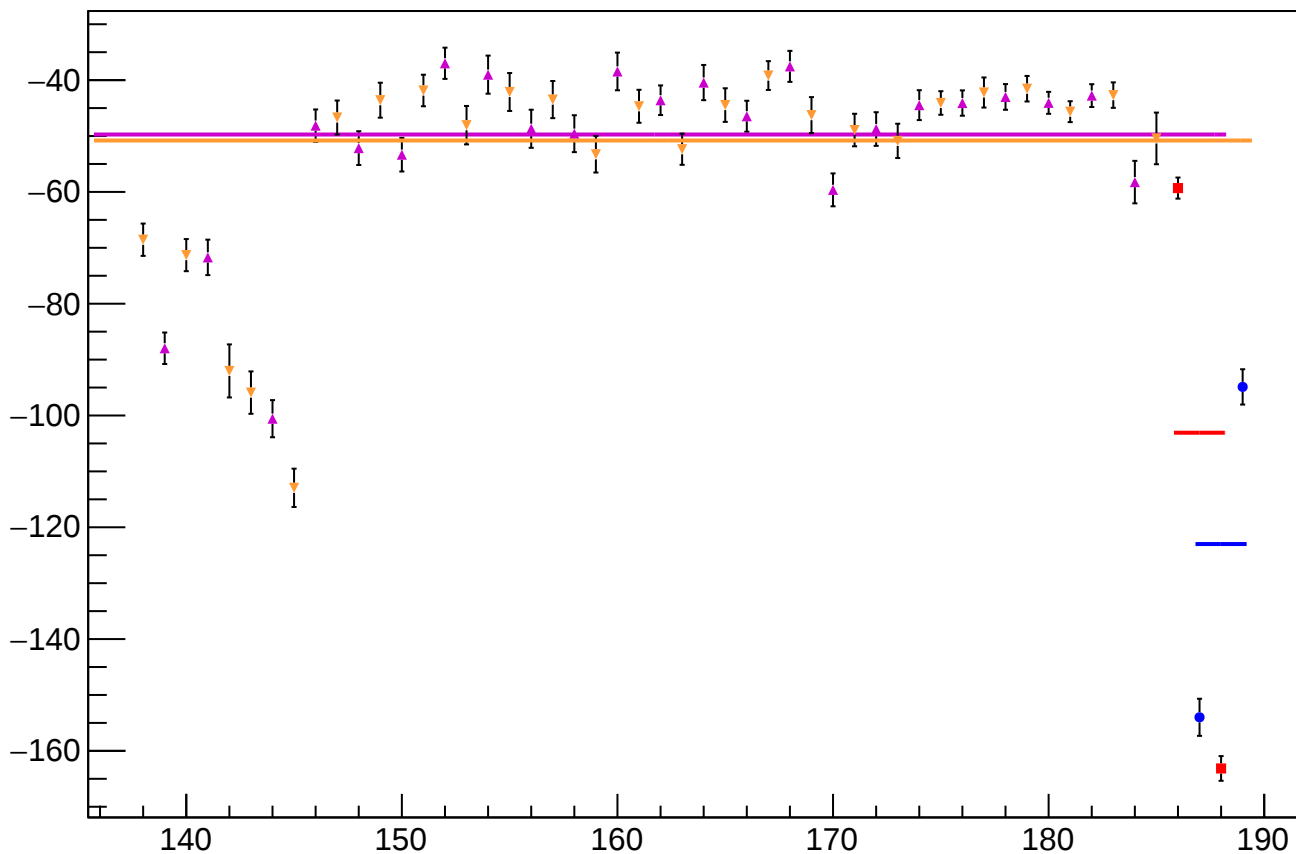
Left In: -268.305 ± 0.083 $\chi^2/\text{NDF}: 264853.3/22$

+ sign -246.393 ± 0.070 $\chi^2/\text{NDF}: 877706.3/43$

All: -249.546 ± 0.049 $\chi^2/\text{NDF}: 1397228.1/87$

- sign -252.687 ± 0.070 $\chi^2/\text{NDF}: 515444.8/43$

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -122.997 ± 2.288 χ^2/NDF : 166.5/1

Left Out: -50.802 ± 0.574 χ^2/NDF : 752.7/24

Right Out: -103.082 ± 1.434 χ^2/NDF : 1277.7/1

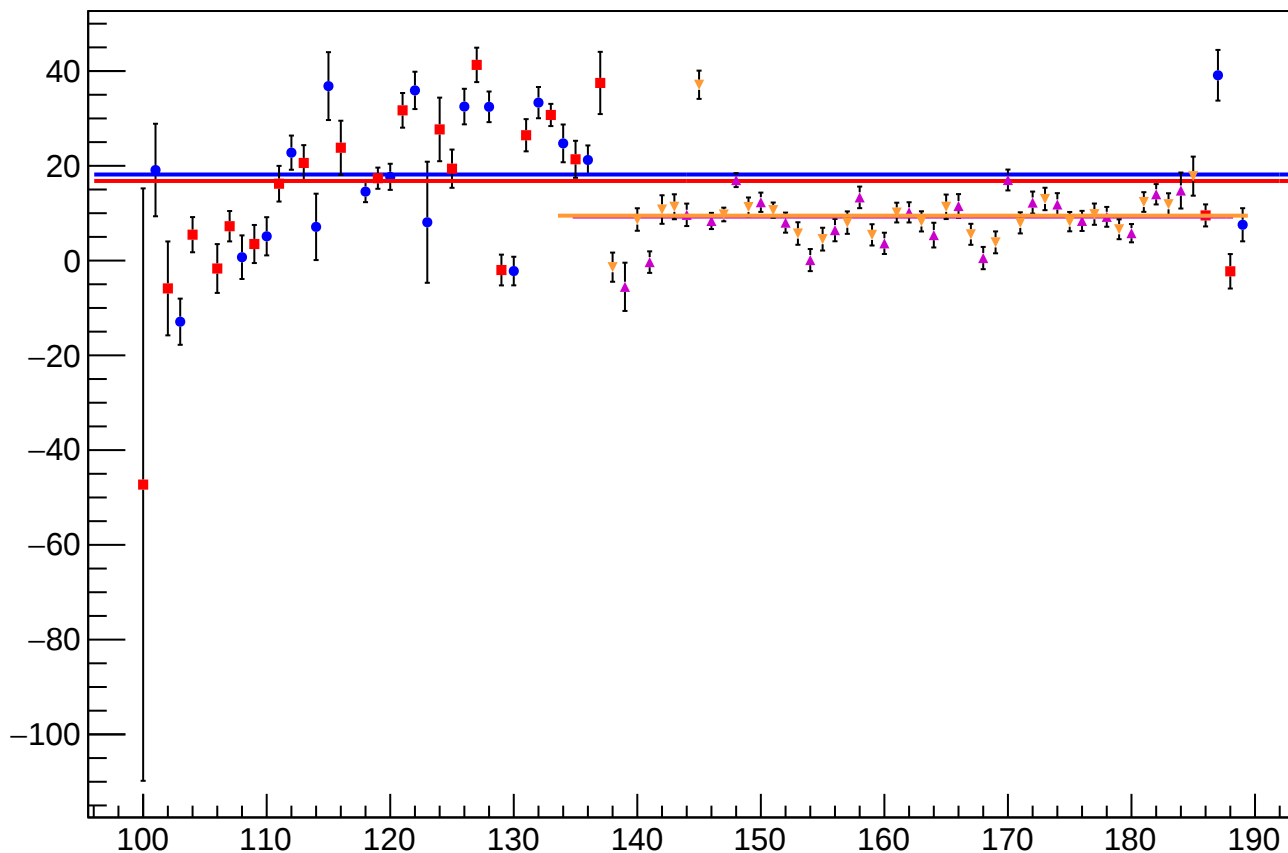
Left In: -49.728 ± 0.581 χ^2/NDF : 601.0/22

+ sign -55.073 ± 0.557 χ^2/NDF : 1855.7/26

All: -56.201 ± 0.387 χ^2/NDF : 4930.6/51

- sign -57.258 ± 0.539 χ^2/NDF : 3066.9/24

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.168 ± 0.865 $\chi^2/\text{NDF}: 229.1/18$

Left Out: 9.483 ± 0.447 $\chi^2/\text{NDF}: 133.0/24$

Right Out: 16.802 ± 0.791 $\chi^2/\text{NDF}: 241.5/20$

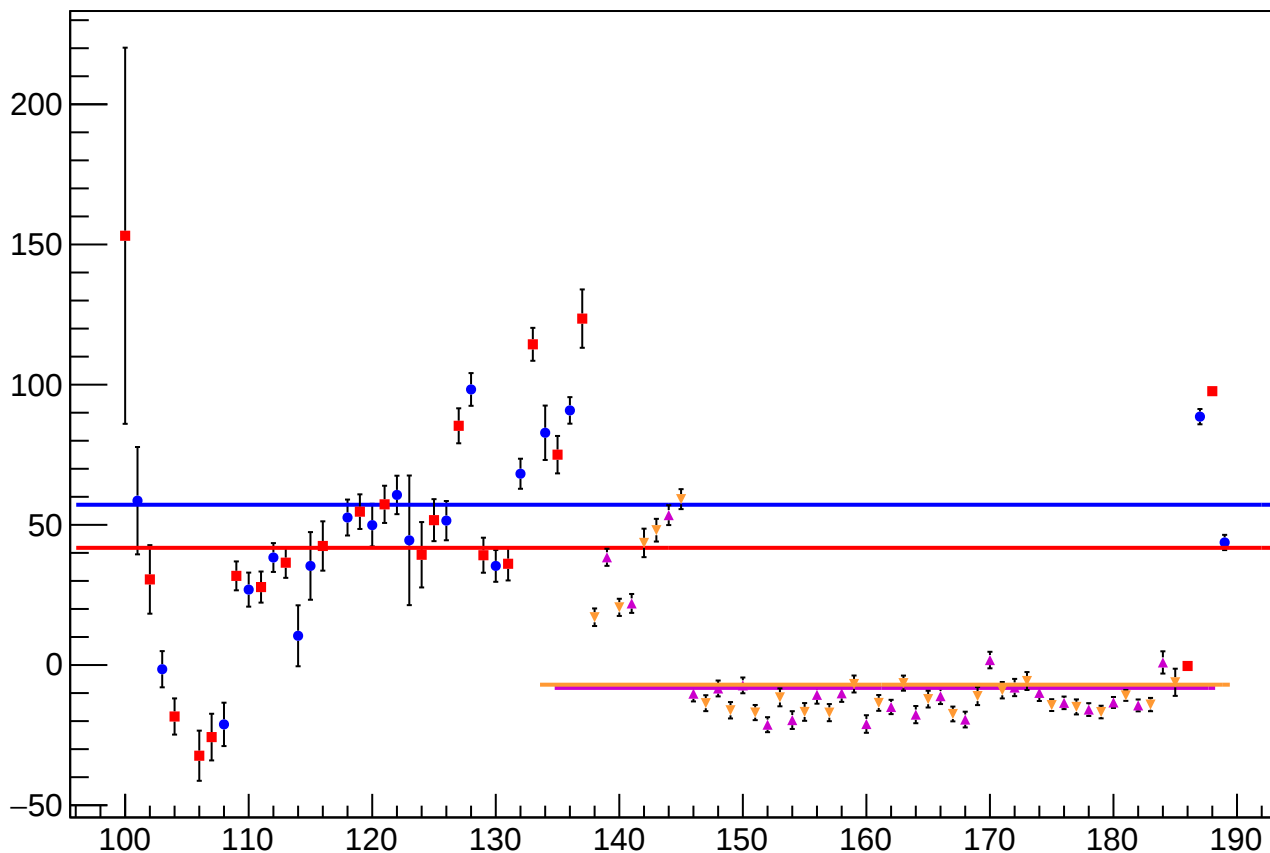
Left In: 9.289 ± 0.461 $\chi^2/\text{NDF}: 125.6/22$

+ sign 11.312 ± 0.397 $\chi^2/\text{NDF}: 441.7/43$

All: 11.252 ± 0.281 $\chi^2/\text{NDF}: 876.3/87$

- sign 11.192 ± 0.398 $\chi^2/\text{NDF}: 434.5/43$

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 57.168 ± 1.260 $\chi^2/\text{NDF}: 531.3/18$

Left Out: -7.007 ± 0.572 $\chi^2/\text{NDF}: 899.2/24$

Right Out: 41.803 ± 0.936 $\chi^2/\text{NDF}: 2295.9/20$

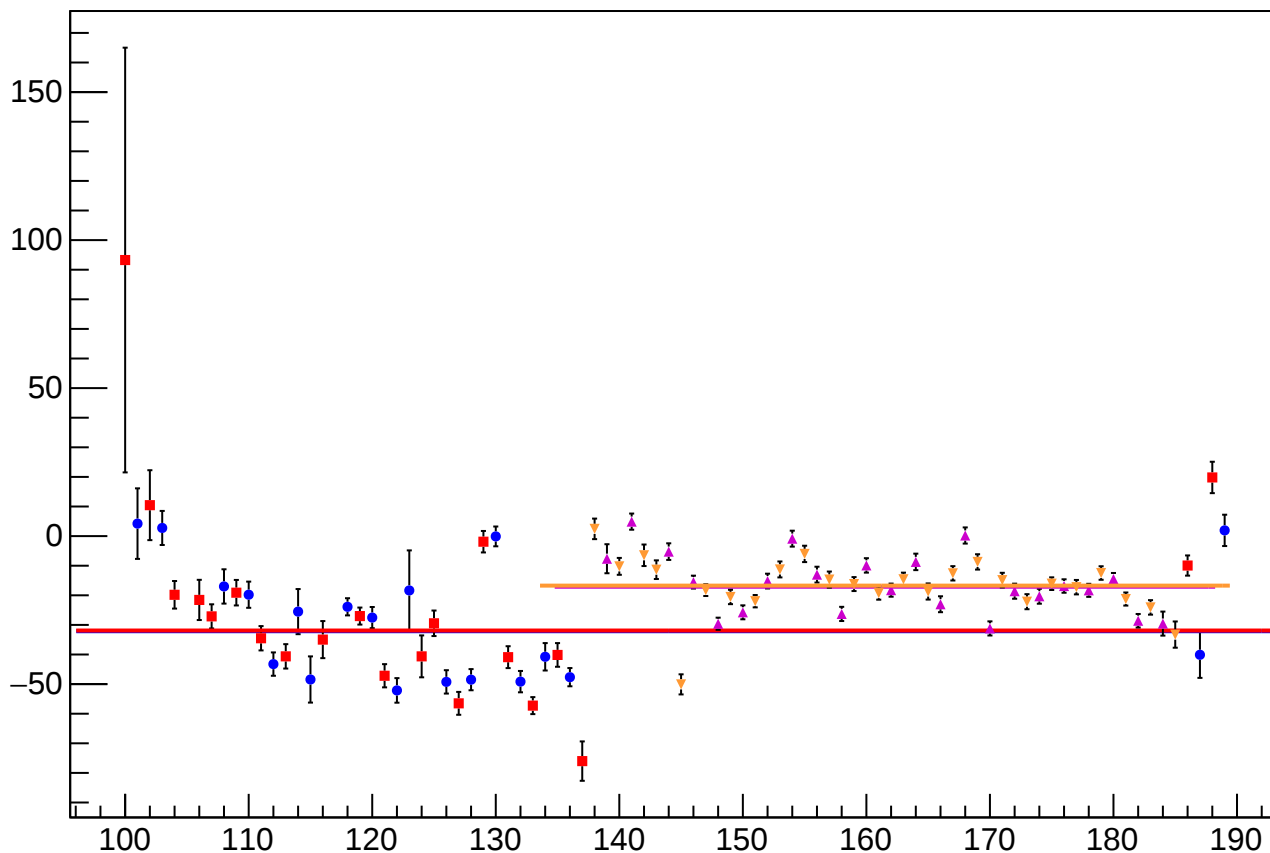
Left In: -8.158 ± 0.578 $\chi^2/\text{NDF}: 753.9/22$

+ sign 3.951 ± 0.521 $\chi^2/\text{NDF}: 3580.6/43$

All: 4.838 ± 0.357 $\chi^2/\text{NDF}: 8699.8/87$

- sign 5.628 ± 0.492 $\chi^2/\text{NDF}: 5113.7/43$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -32.134 ± 1.005 χ^2/NDF : 332.8/18

Left Out: -16.727 ± 0.508 χ^2/NDF : 223.3/24

Right Out: -31.896 ± 0.938 χ^2/NDF : 437.8/20

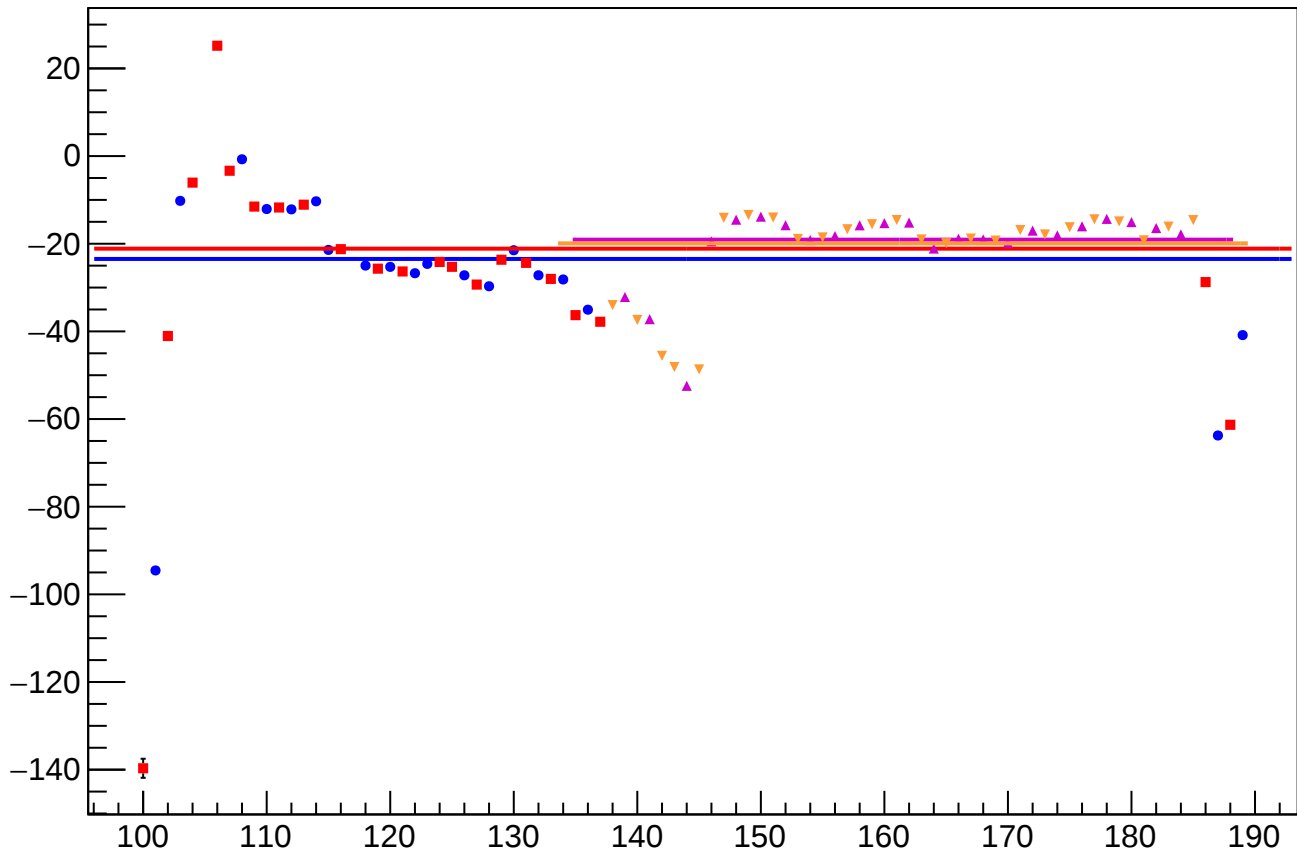
Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

+ sign -19.858 ± 0.453 χ^2/NDF : 743.3/43

All: -20.219 ± 0.321 χ^2/NDF : 1700.7/87

- sign -20.584 ± 0.455 χ^2/NDF : 956.1/43

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -23.471 ± 0.056 χ^2/NDF : 65016.6/18

Left Out: -19.915 ± 0.023 χ^2/NDF : 141090.6/24

Right Out: -21.125 ± 0.054 χ^2/NDF : 110591.4/20

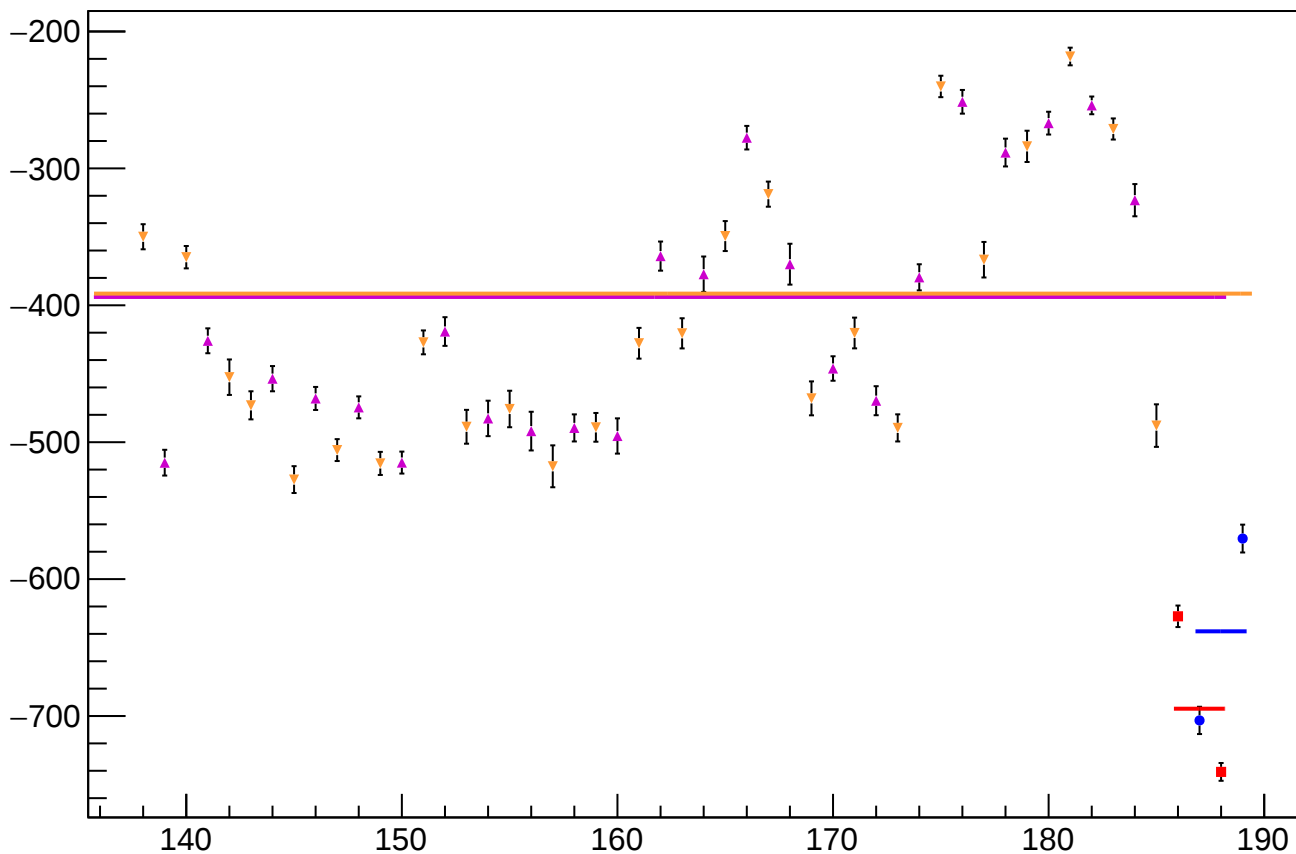
Left In: -19.068 ± 0.024 χ^2/NDF : 92702.3/22

+ sign -20.438 ± 0.022 χ^2/NDF : 209524.0/43

All: -19.918 ± 0.015 χ^2/NDF : 415191.9/87

- sign -19.393 ± 0.022 χ^2/NDF : 204496.4/43

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -638.143 ± 7.117 χ^2/NDF : 87.0/1

Left Out: -391.476 ± 1.973 χ^2/NDF : 2708.6/24

Right Out: -694.661 ± 5.010 χ^2/NDF : 124.1/1

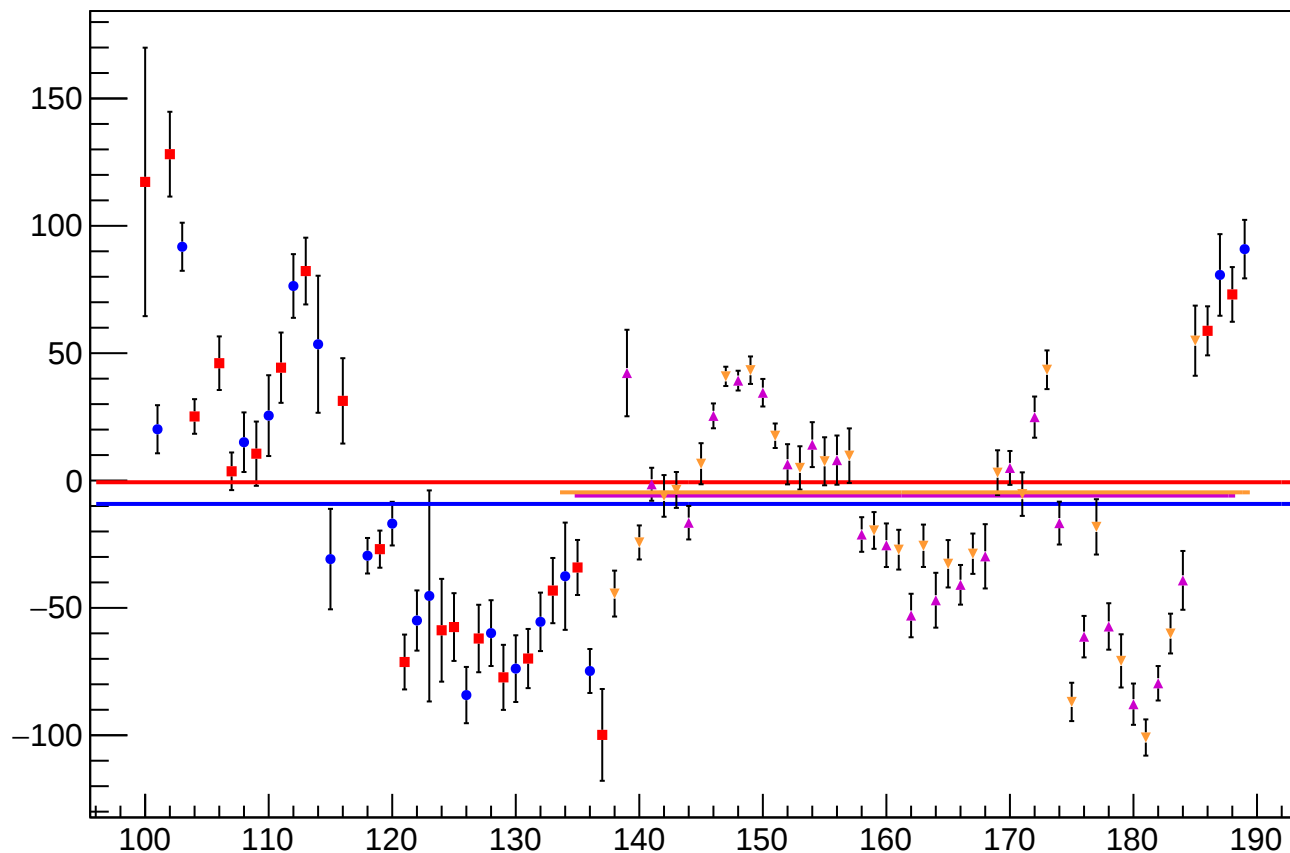
Left In: -393.904 ± 1.998 χ^2/NDF : 2280.8/22

+ sign -409.072 ± 1.901 χ^2/NDF : 3911.2/26

All: -422.430 ± 1.328 χ^2/NDF : 9521.4/51

- sign -435.161 ± 1.856 χ^2/NDF : 5513.7/24

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -9.186 ± 2.666 $\chi^2/\text{NDF}: 480.8/18$

Left Out: -4.635 ± 1.467 $\chi^2/\text{NDF}: 771.4/24$

Right Out: -0.670 ± 2.455 $\chi^2/\text{NDF}: 466.1/20$

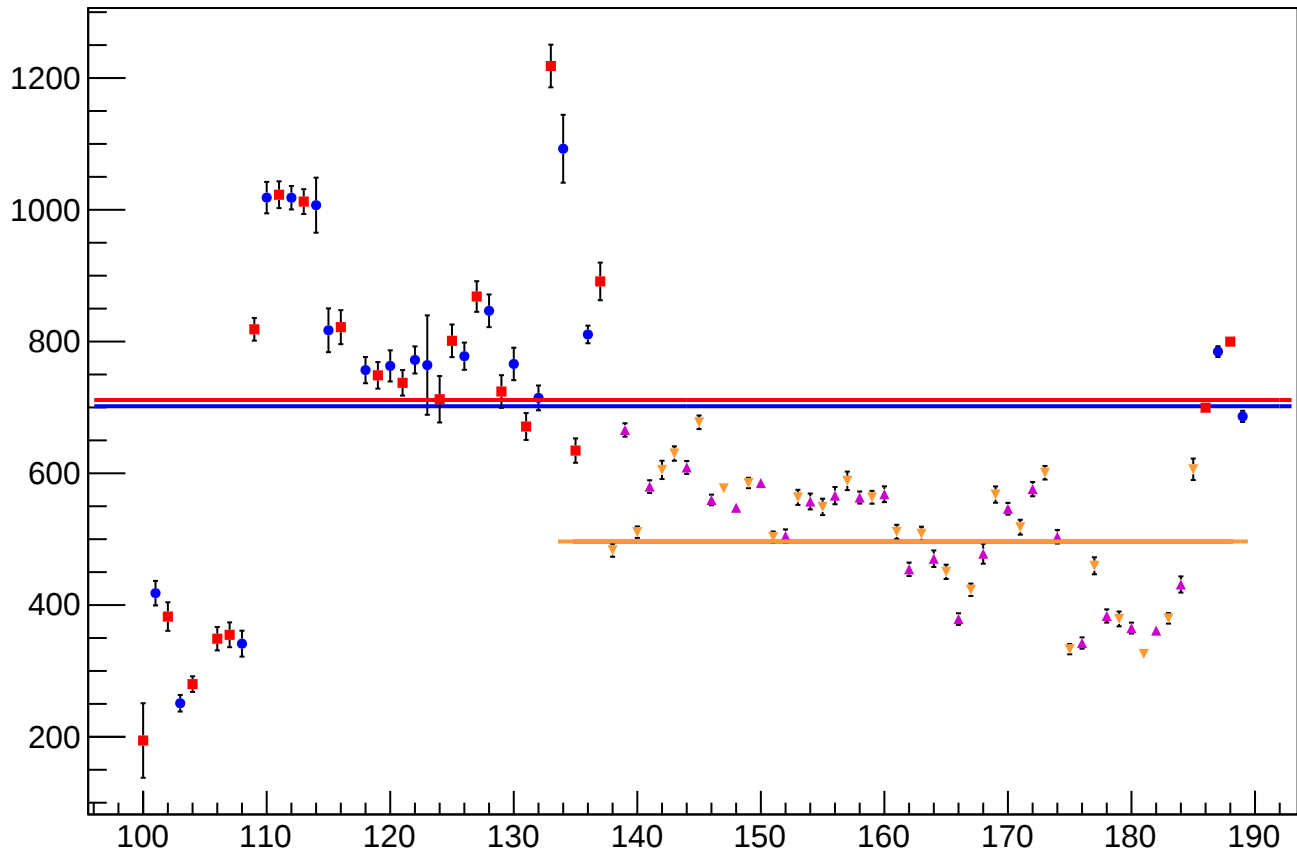
Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

+ sign -5.694 ± 1.286 $\chi^2/\text{NDF}: 1254.4/43$

All: -5.080 ± 0.910 $\chi^2/\text{NDF}: 2381.8/87$

- sign -4.465 ± 1.288 $\chi^2/\text{NDF}: 1126.9/43$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 701.824 $\pm$ 3.827 χ^2 /NDF: 2718.9/18

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

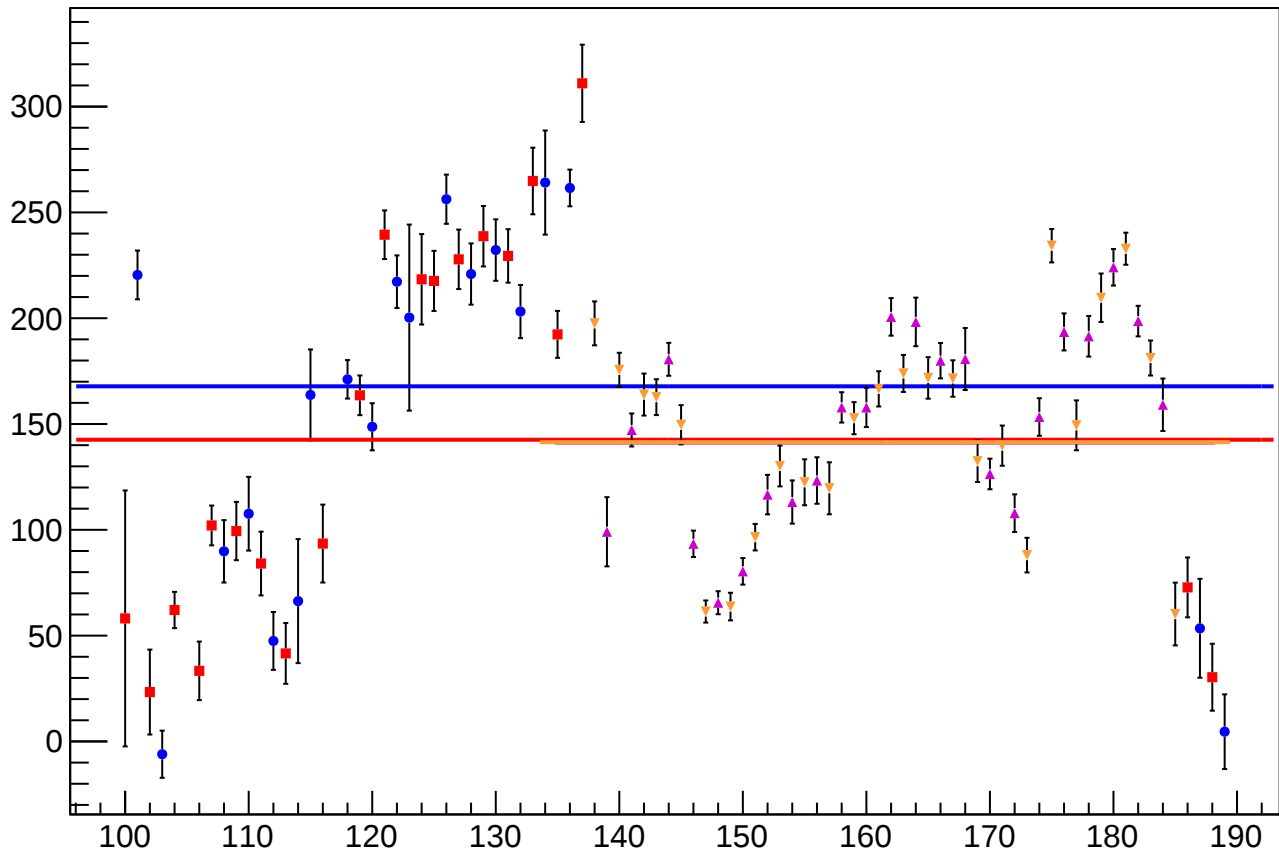
Left In: 496.393 $\pm$ 1.985 χ^2 /NDF:2295.8/22

+ sign 539.573 $\pm$ 1.752 χ^2 /NDF: 7582.0/43

All: 550.138 $\pm$ 1.208 χ^2 /NDF: 17004.6/87

- sign 559.704 $\pm$ 1.668 χ^2 /NDF: 9353.3/43

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 167.817 $\pm$ 3.123 χ^2 /NDF: 753.5/18

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

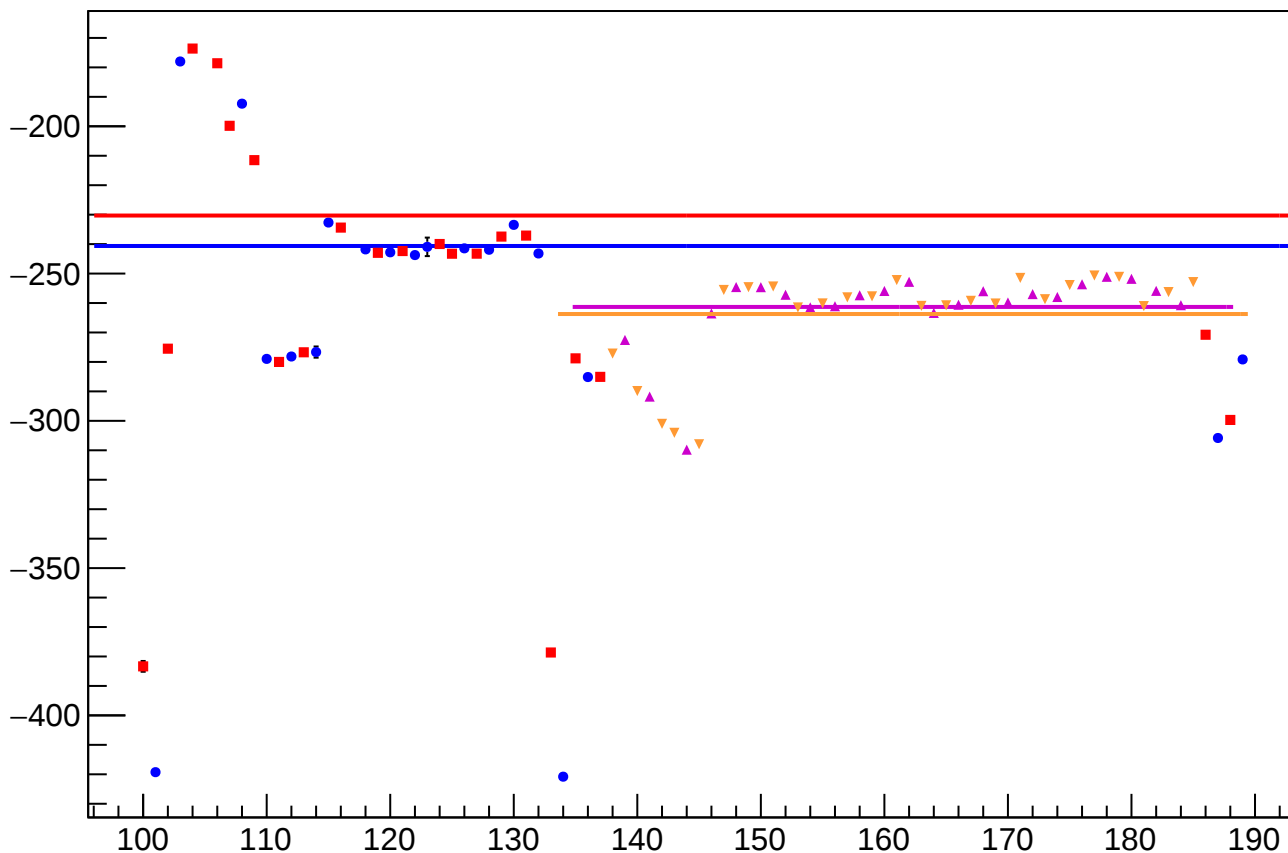
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF:744.2/22

+ sign 147.484 $\pm$ 1.496 χ^2 /NDF: 1766.2/43

All: 144.544 $\pm$ 1.058 χ^2 /NDF: 3292.0/87

- sign 141.596 $\pm$ 1.498 χ^2 /NDF: 1518.1/43

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -240.635 ± 0.156 $\chi^2/\text{NDF}: 171932.6/18$

Left Out: -263.734 ± 0.081 $\chi^2/\text{NDF}: 37922.0/24$

Right Out: -230.299 ± 0.147 $\chi^2/\text{NDF}: 113195.2/20$

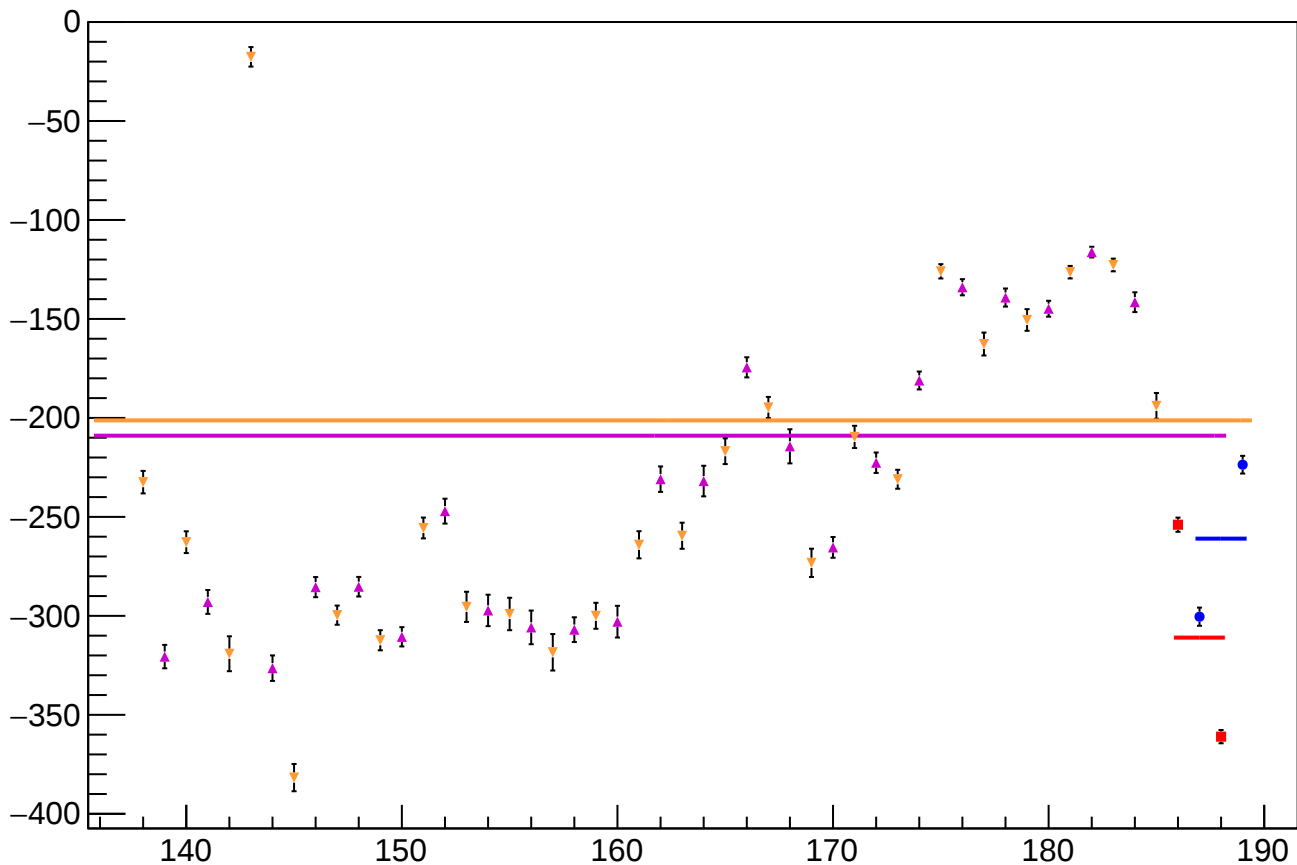
Left In: -261.325 ± 0.082 $\chi^2/\text{NDF}: 23449.2/22$

+ sign -258.781 ± 0.072 $\chi^2/\text{NDF}: 227094.8/43$

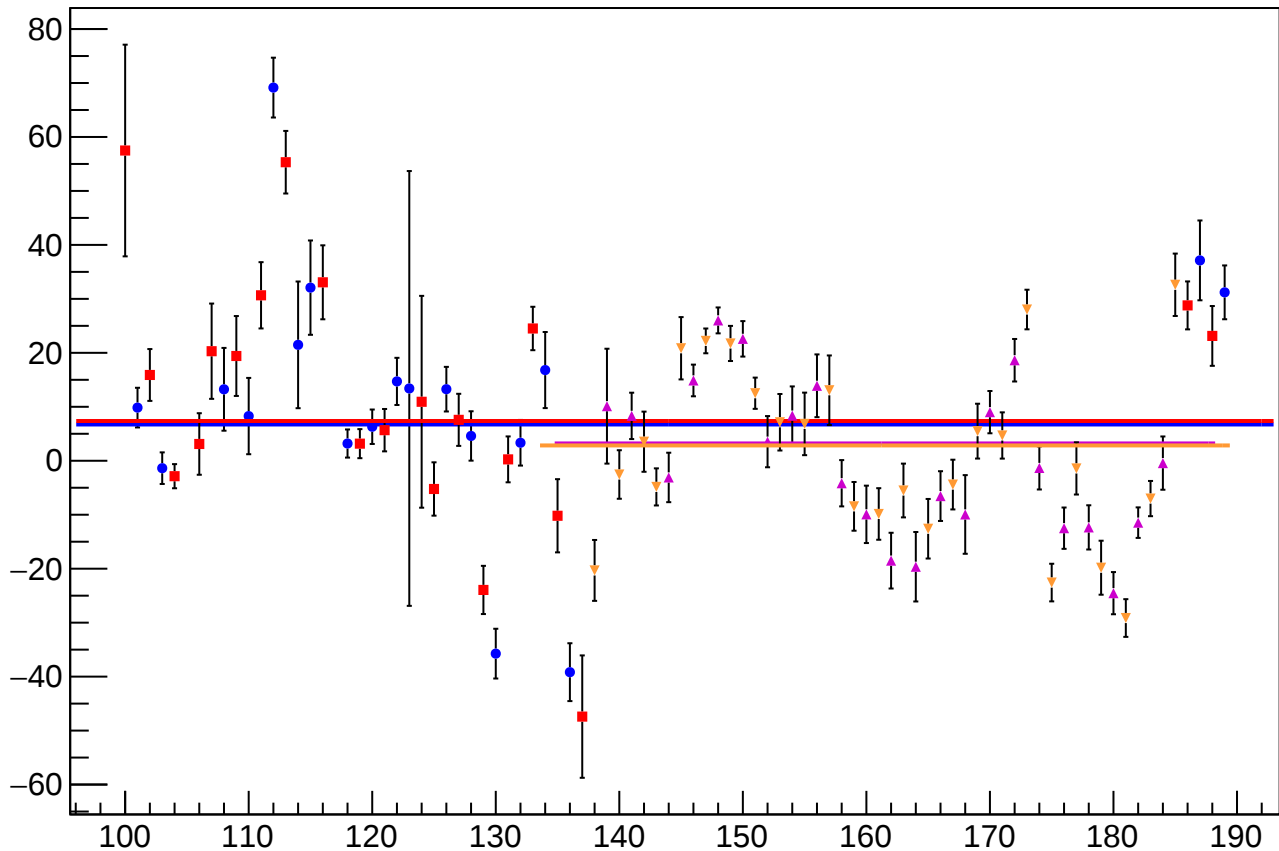
All: -256.355 ± 0.051 $\chi^2/\text{NDF}: 400121.0/87$

- sign -253.987 ± 0.071 $\chi^2/\text{NDF}: 170796.3/43$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 6.724 ± 1.053 $\chi^2/\text{NDF}: 355.8/18$

Left Out: 2.841 ± 0.824 $\chi^2/\text{NDF}: 420.6/24$

Right Out: 7.369 ± 1.024 $\chi^2/\text{NDF}: 273.4/20$

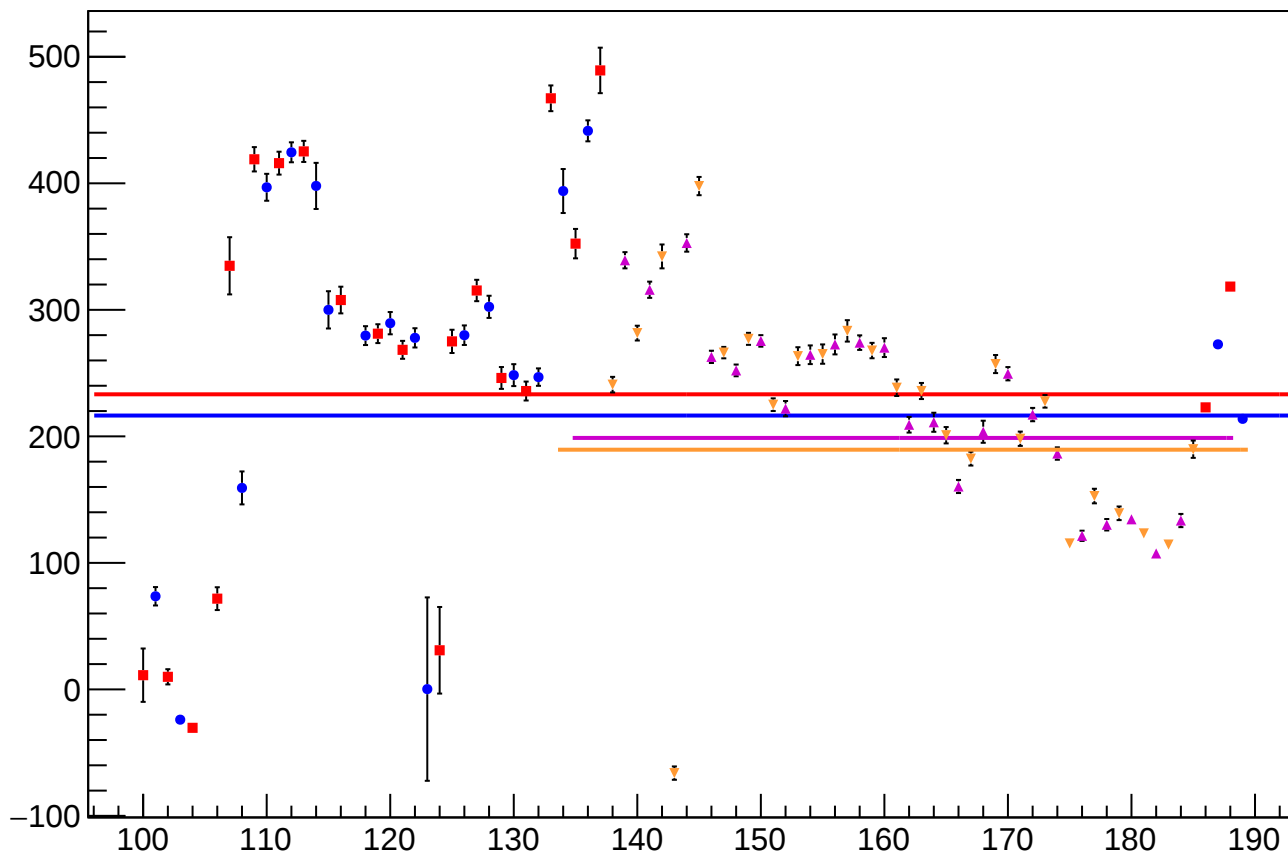
Left In: 3.208 ± 0.854 $\chi^2/\text{NDF}: 323.8/22$

+ sign 4.315 ± 0.649 $\chi^2/\text{NDF}: 784.8/43$

All: 4.613 ± 0.461 $\chi^2/\text{NDF}: 1392.2/87$

- sign 4.917 ± 0.656 $\chi^2/\text{NDF}: 607.0/43$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 216.454 $\pm$ 1.586 χ^2/NDF : 7032.5/18

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

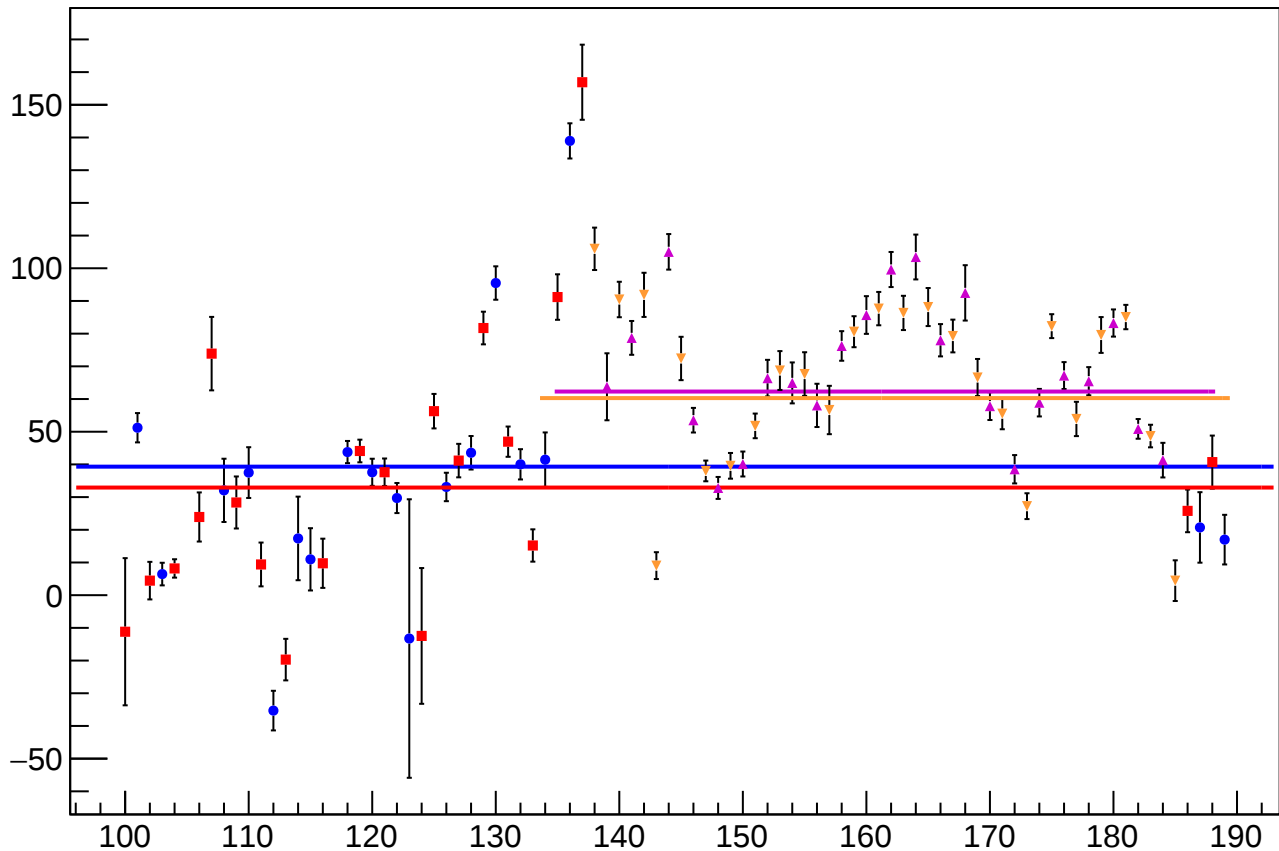
Left In: 198.762 $\pm$ 1.078 χ^2/NDF : 4590.0/22

+ sign 197.894 $\pm$ 0.887 χ^2/NDF : 13881.3/43

All: 205.184 $\pm$ 0.613 χ^2/NDF : 28637.8/87

- sign 211.860 $\pm$ 0.849 χ^2/NDF : 14627.0/43

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 39.317 ± 1.242 $\chi^2/\text{NDF}: 747.1/18$

Left Out: 60.287 ± 0.945 $\chi^2/\text{NDF}: 714.8/24$

Right Out: 32.922 ± 1.216 $\chi^2/\text{NDF}: 556.2/20$

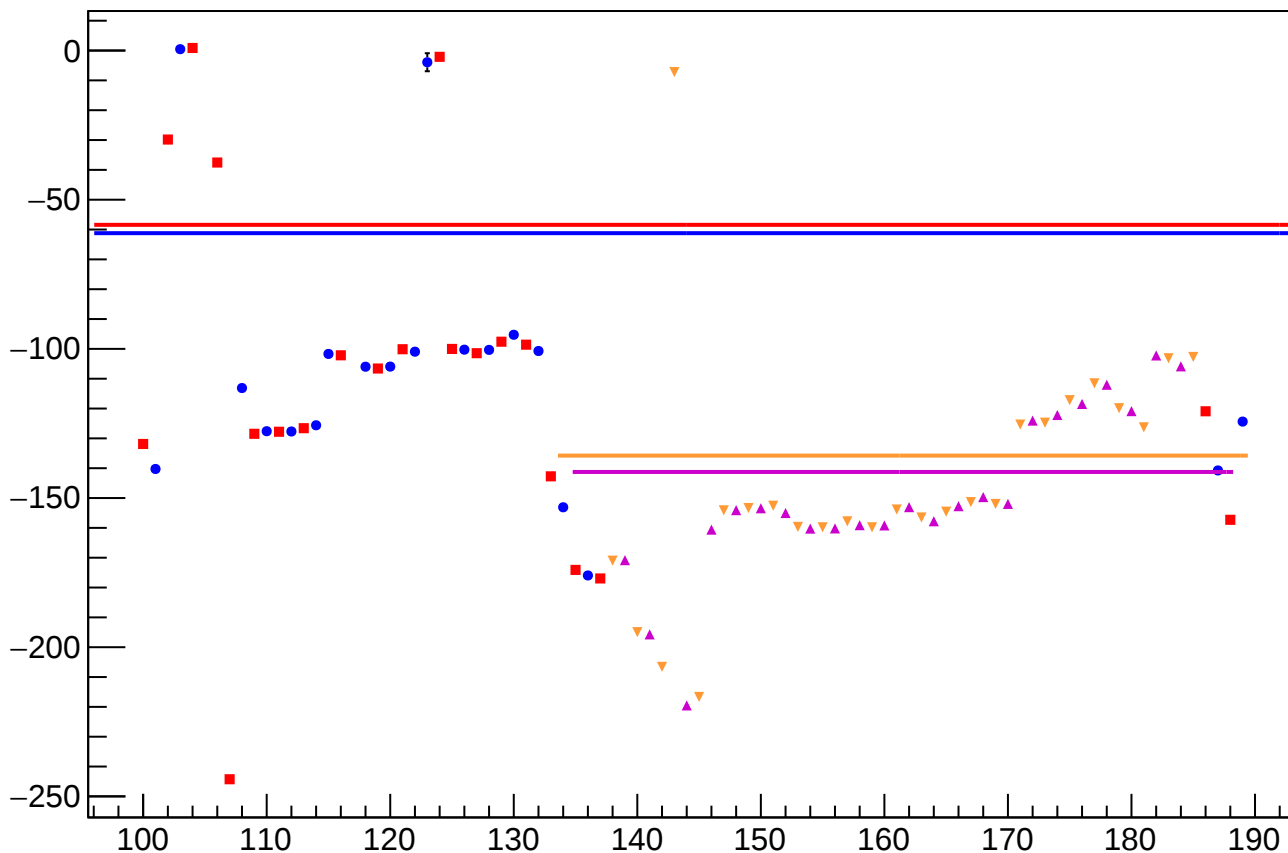
Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

+ sign 52.597 ± 0.752 $\chi^2/\text{NDF}: 1642.5/43$

All: 51.733 ± 0.534 $\chi^2/\text{NDF}: 2969.0/87$

- sign 50.854 ± 0.759 $\chi^2/\text{NDF}: 1323.9/43$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -61.216 ± 0.060 $\chi^2/\text{NDF}: 1162482.8/18$

Left Out: -135.775 ± 0.045 $\chi^2/\text{NDF}: 742021.1/24$

Right Out: -58.425 ± 0.059 $\chi^2/\text{NDF}: 1092373.8/20$

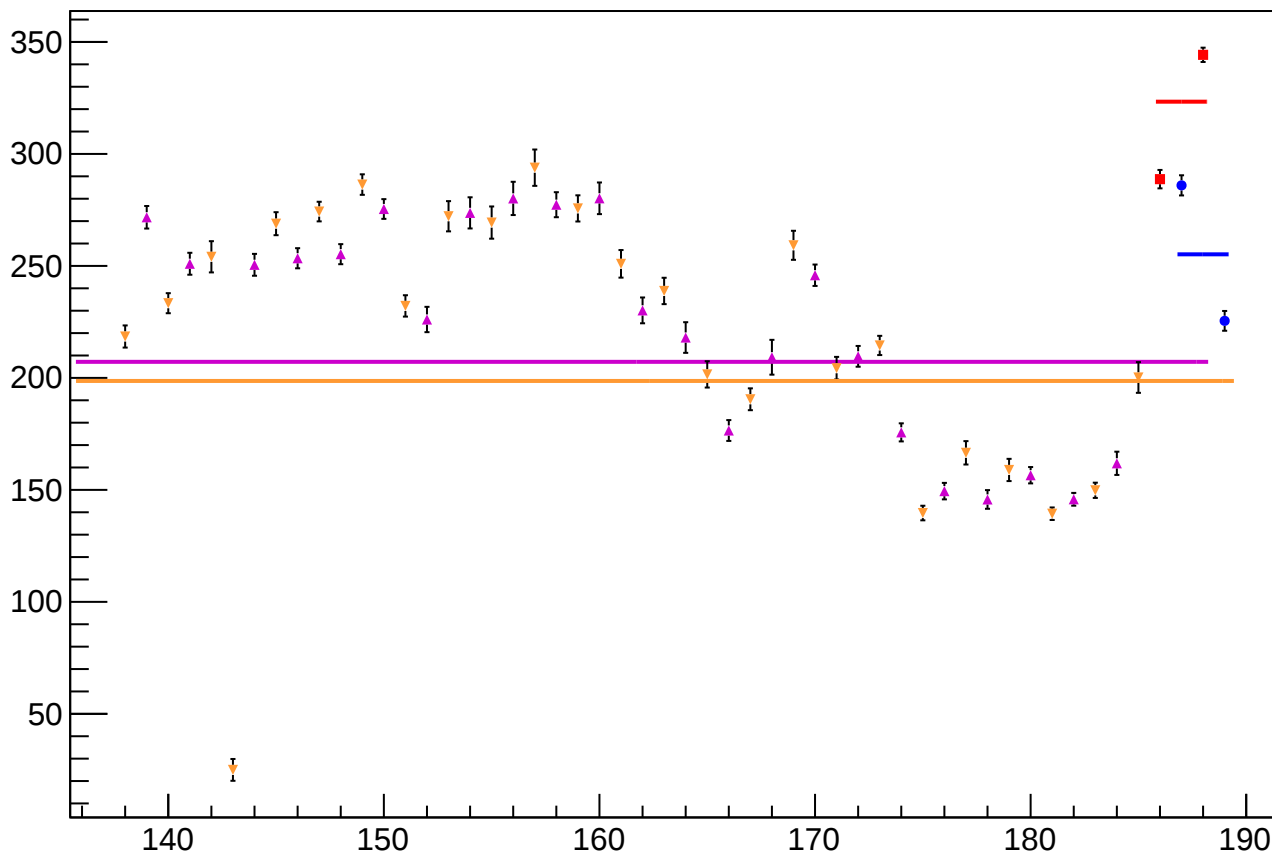
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ sign -109.304 ± 0.036 $\chi^2/\text{NDF}: 2893517.2/43$

All: -110.005 ± 0.025 $\chi^2/\text{NDF}: 5580677.1/87$

- sign -110.704 ± 0.036 $\chi^2/\text{NDF}: 2686397.2/43$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 255.175 $\pm$ 3.152 χ^2 /NDF: 92.1/1

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

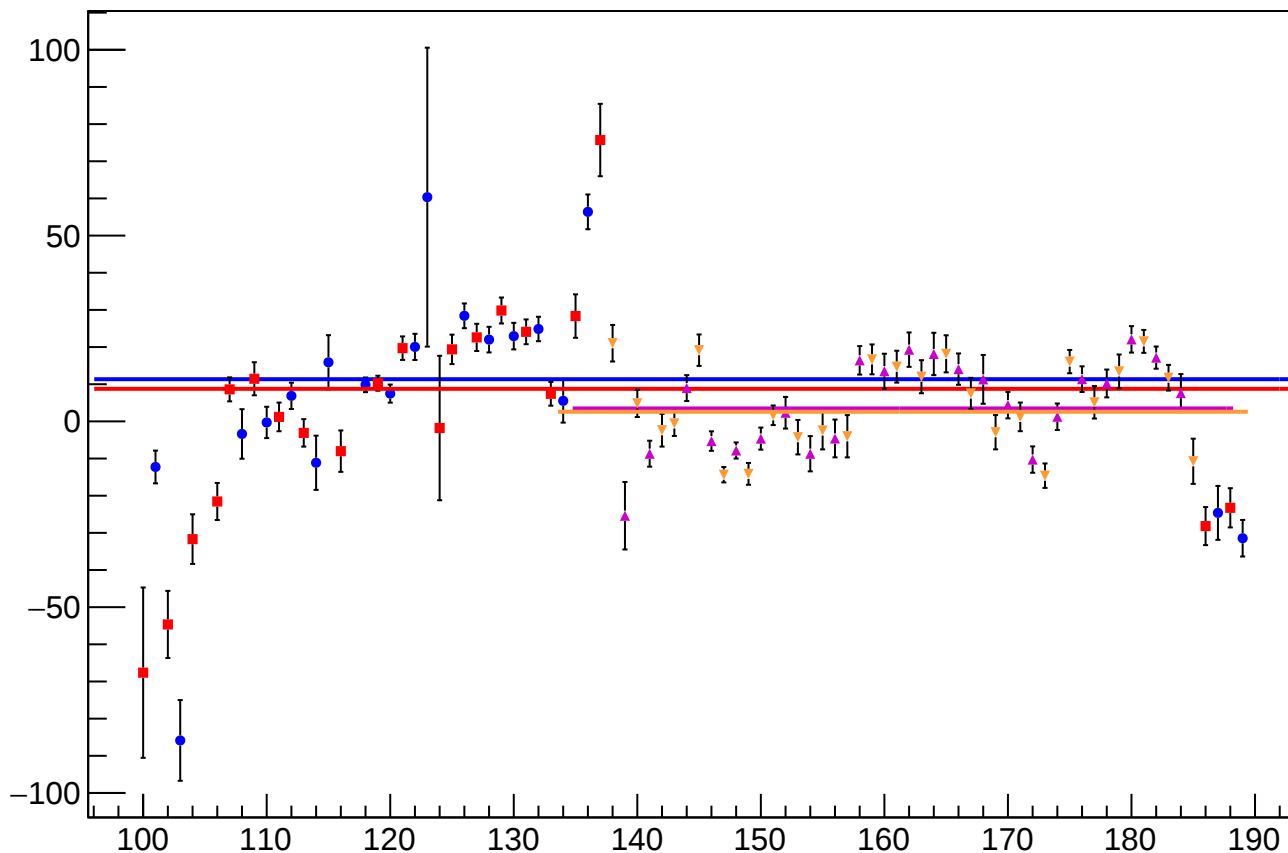
Left In: 207.171 $\pm$ 0.986 χ^2 /NDF: 2631.6/22

+ sign 203.493 $\pm$ 0.924 χ^2 /NDF: 4532.8/26

All: 213.080 $\pm$ 0.651 χ^2 /NDF: 9330.4/51

- sign 222.556 $\pm$ 0.918 χ^2 /NDF: 4583.4/24

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 11.350 ± 0.897 $\chi^2/\text{NDF}: 400.6/18$

Left Out: 2.595 ± 0.744 $\chi^2/\text{NDF}: 274.3/24$

Right Out: 8.759 ± 0.889 $\chi^2/\text{NDF}: 397.0/20$

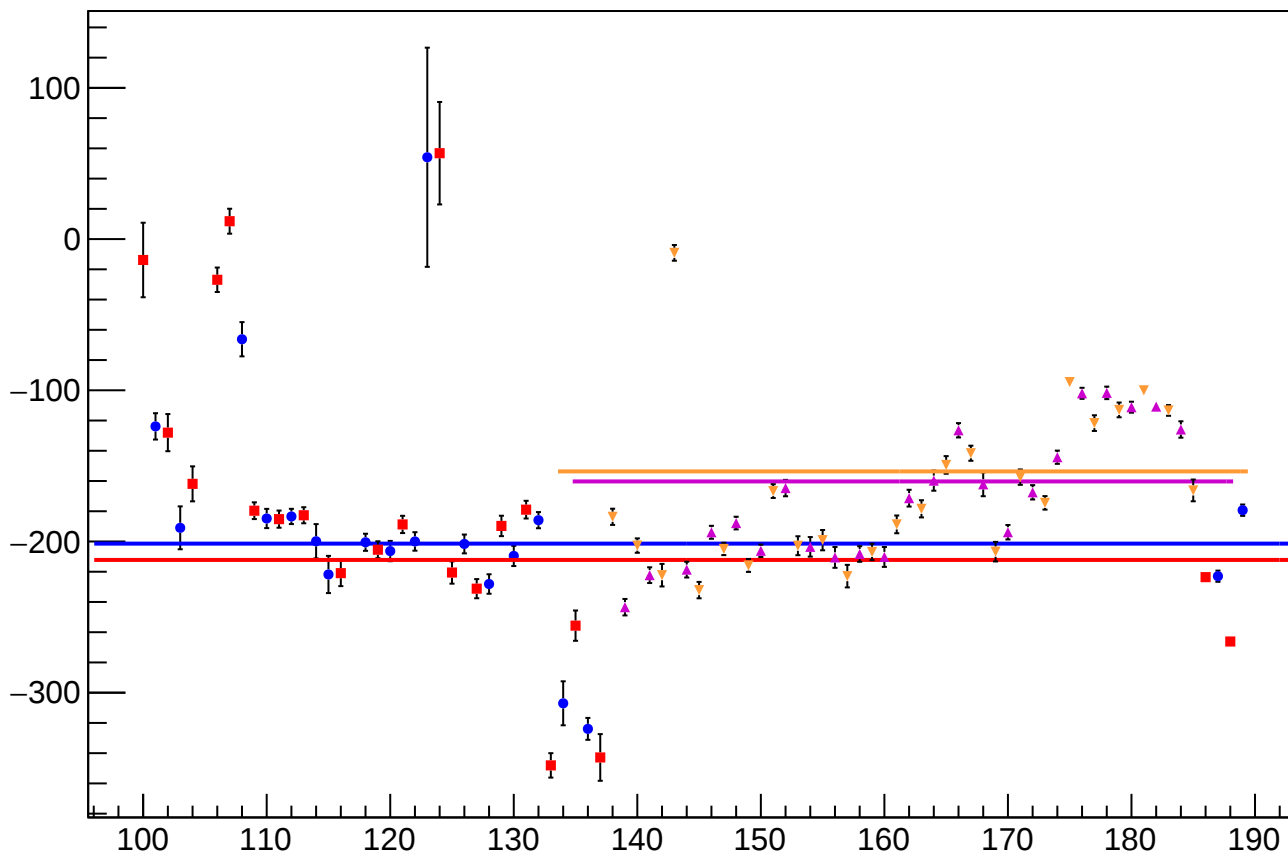
Left In: 3.478 ± 0.772 $\chi^2/\text{NDF}: 194.7/22$

+ sign 6.163 ± 0.573 $\chi^2/\text{NDF}: 731.3/43$

All: 5.960 ± 0.408 $\chi^2/\text{NDF}: 1343.4/87$

- sign 5.748 ± 0.583 $\chi^2/\text{NDF}: 611.8/43$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.409 ± 1.475 χ^2/NDF : 692.1/18

Left Out: -153.649 ± 0.970 χ^2/NDF : 2930.9/24

Right Out: -212.193 ± 1.303 χ^2/NDF : 2440.3/20

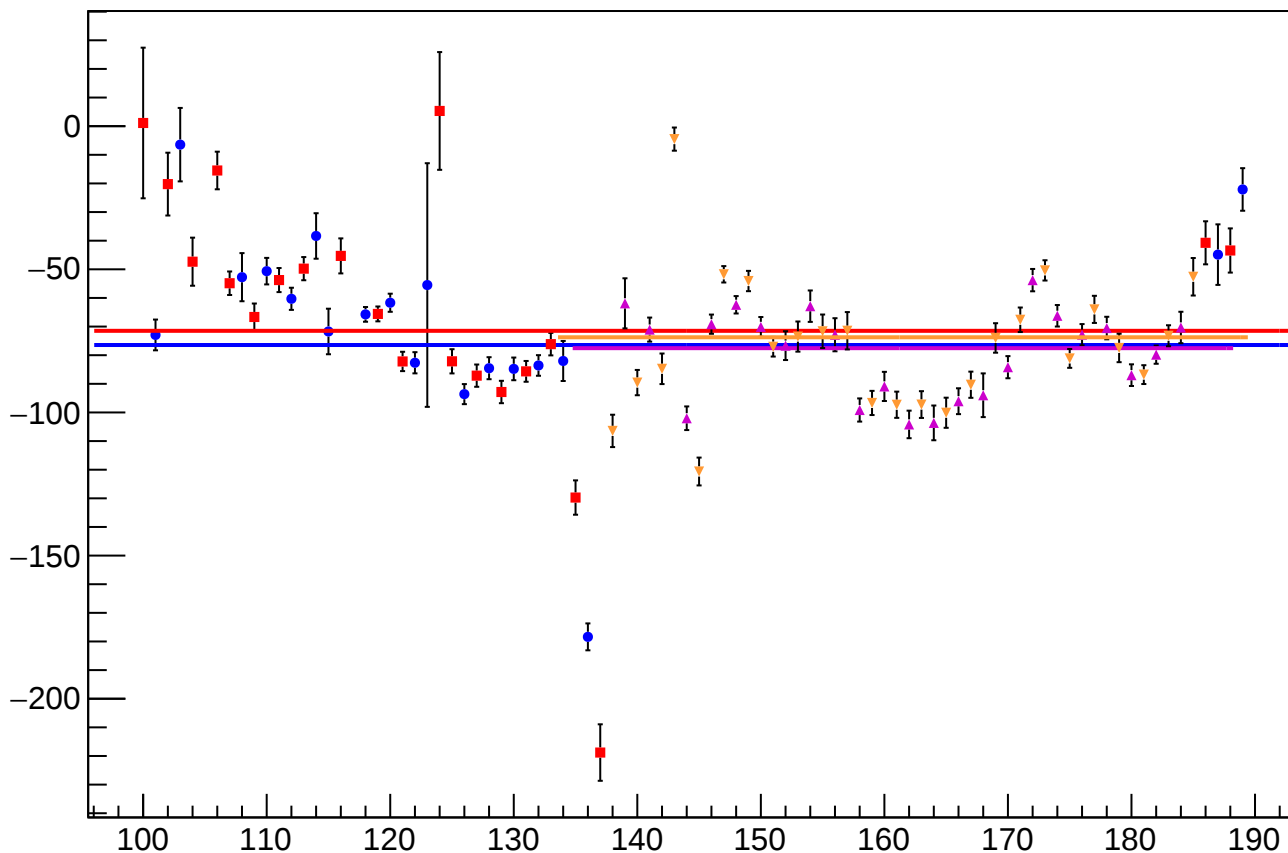
Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

+ sign -168.071 ± 0.810 χ^2/NDF : 4355.3/43

All: -173.781 ± 0.564 χ^2/NDF : 9951.3/87

- sign -179.150 ± 0.786 χ^2/NDF : 5499.6/43

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -76.441 $\pm$ 1.050 χ^2/NDF : 722.3/18

Left Out: -73.741 $\pm$ 0.855 χ^2/NDF : 728.3/24

Right Out: -71.485 $\pm$ 1.034 χ^2/NDF : 637.9/20

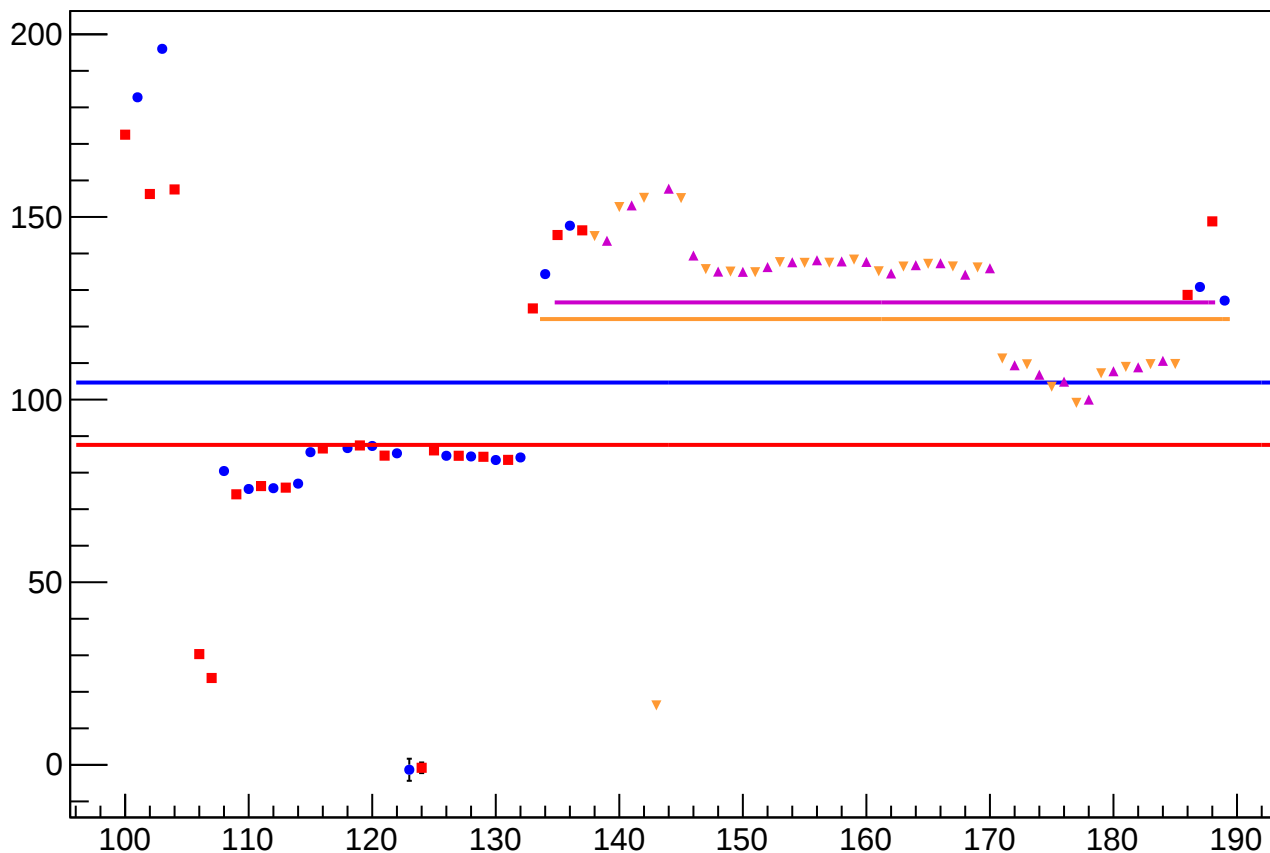
Left In: -77.545 $\pm$ 0.880 χ^2/NDF : 252.7/22

+ sign -74.817 $\pm$ 0.663 χ^2/NDF : 1454.6/43

All: -74.908 $\pm$ 0.471 χ^2/NDF : 2365.2/87

- sign -75.000 $\pm$ 0.670 χ^2/NDF : 910.6/43

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 104.670 $\pm$ 0.068 χ^2 /NDF: 281029.5/18

Left Out: 122.046 $\pm$ 0.040 χ^2 /NDF: 437985.3/24

Right Out: 87.600 $\pm$ 0.062 χ^2 /NDF: 459427.9/20

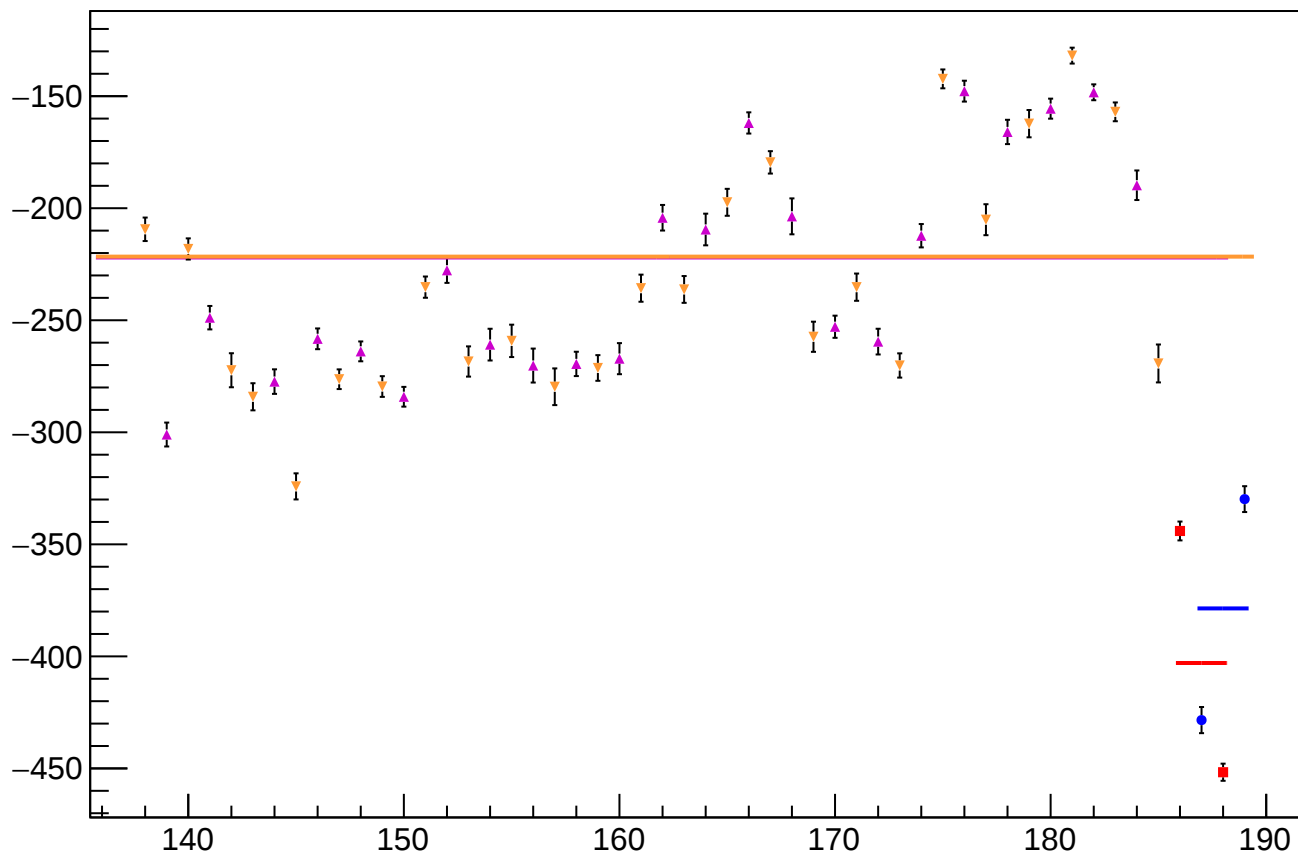
Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

+ sign 117.527 $\pm$ 0.035 χ^2 /NDF: 767051.8/43

All: 116.175 $\pm$ 0.024 χ^2 /NDF: 1667983.7/87

- sign 114.869 $\pm$ 0.034 χ^2 /NDF: 897961.7/43

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -378.599+/-4.102 χ^2/NDF : 144.5/1

Left Out: -221.606+/-1.087 χ^2/NDF : 2565.8/24

Right Out: -402.953+/-2.829 χ^2/NDF : 358.9/1

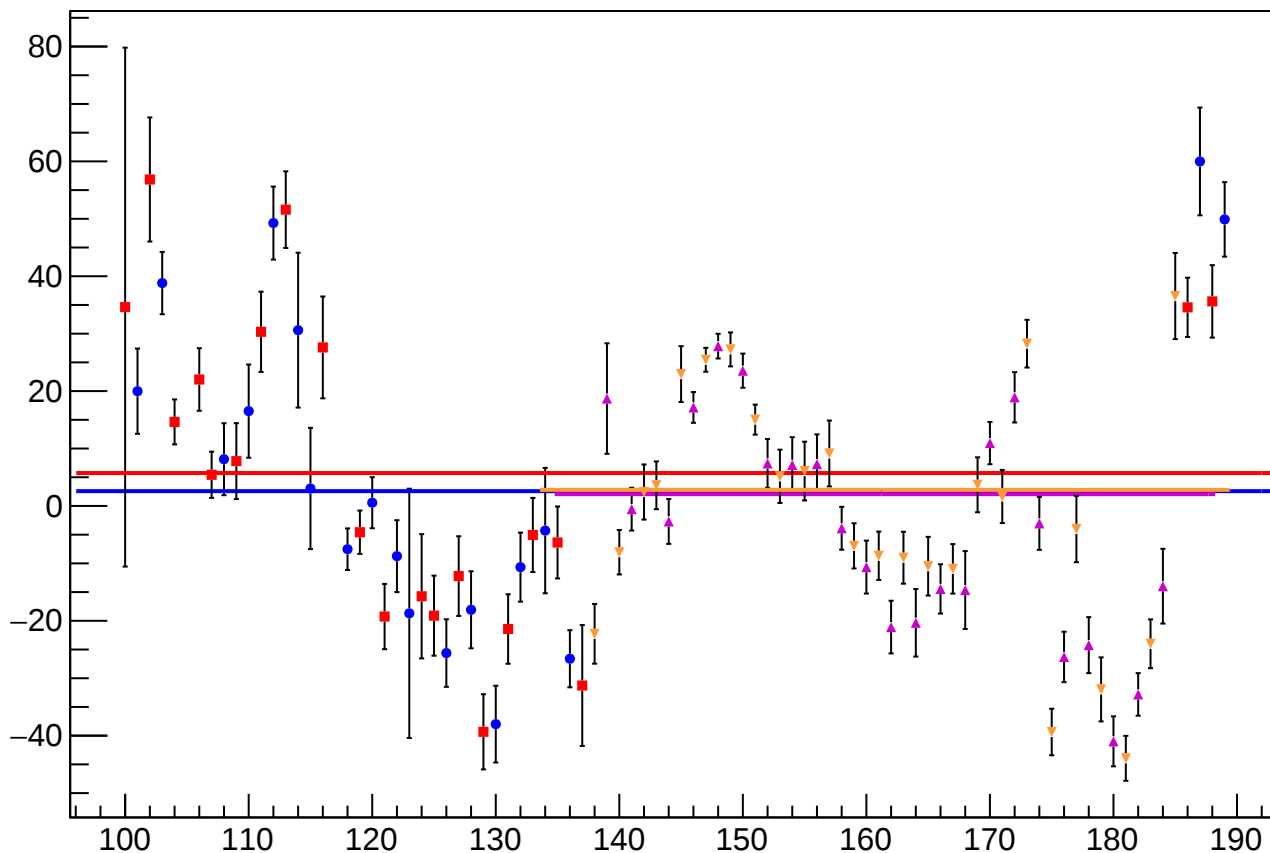
Left In: -221.980+/-1.098 χ^2/NDF : 2190.6/22

+ sign -231.913+/-1.051 χ^2/NDF : 4079.1/26

All: -238.978+/-0.733 χ^2/NDF : 10273.7/51

- sign -245.681+/-1.024 χ^2/NDF : 6106.5/24

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 2.578 ± 1.456 χ^2/NDF : 324.0/18

Left Out: 2.800 ± 0.810 χ^2/NDF : 685.5/24

Right Out: 5.733 ± 1.323 χ^2/NDF : 292.9/20

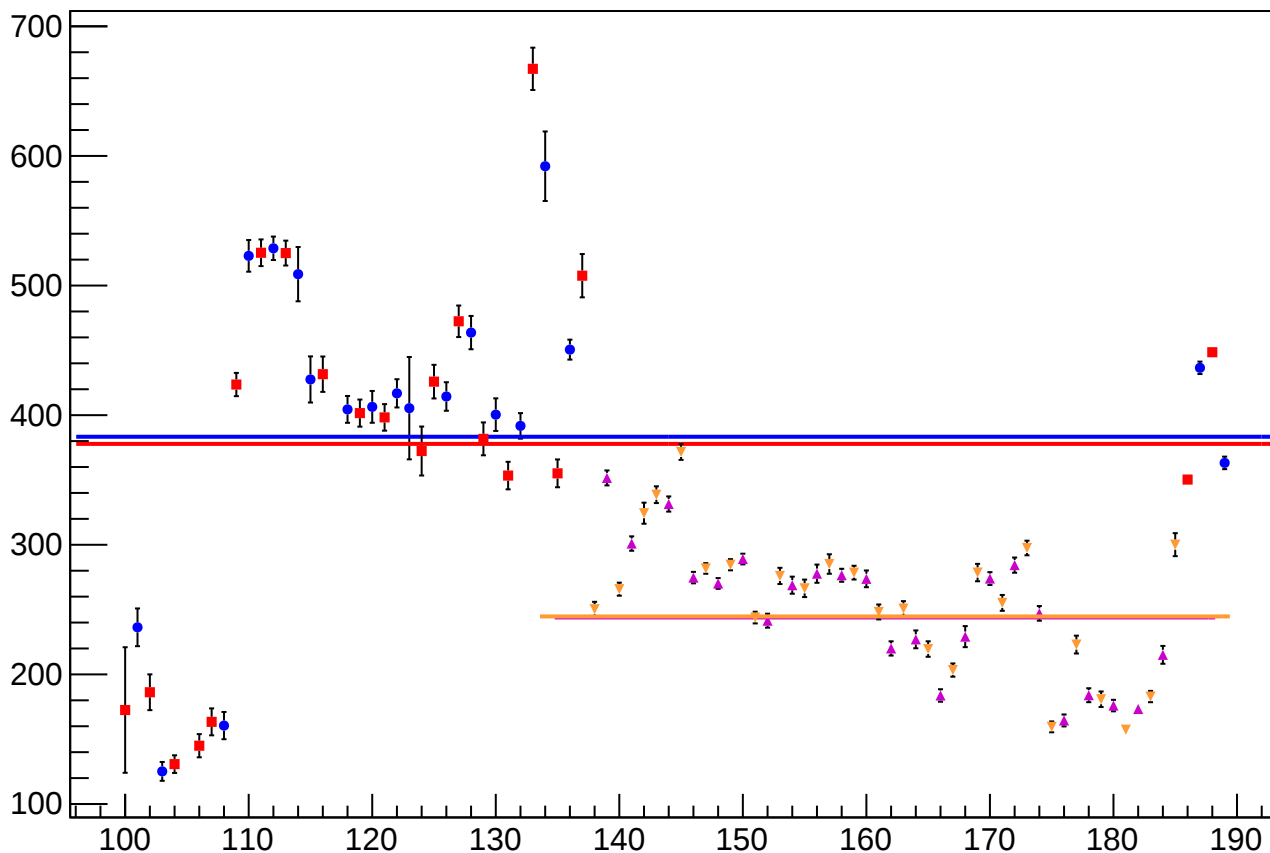
Left In: 2.050 ± 0.833 χ^2/NDF : 592.6/22

+ sign 2.747 ± 0.708 χ^2/NDF : 1009.6/43

All: 2.922 ± 0.499 χ^2/NDF : 1900.7/87

- sign 3.095 ± 0.705 χ^2/NDF : 891.1/43

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 383.349 ± 2.144 $\chi^2/\text{NDF}: 2589.8/18$

Left Out: 244.716 ± 1.085 $\chi^2/\text{NDF}: 2565.7/24$

Right Out: 377.840 ± 1.699 $\chi^2/\text{NDF}: 4172.2/20$

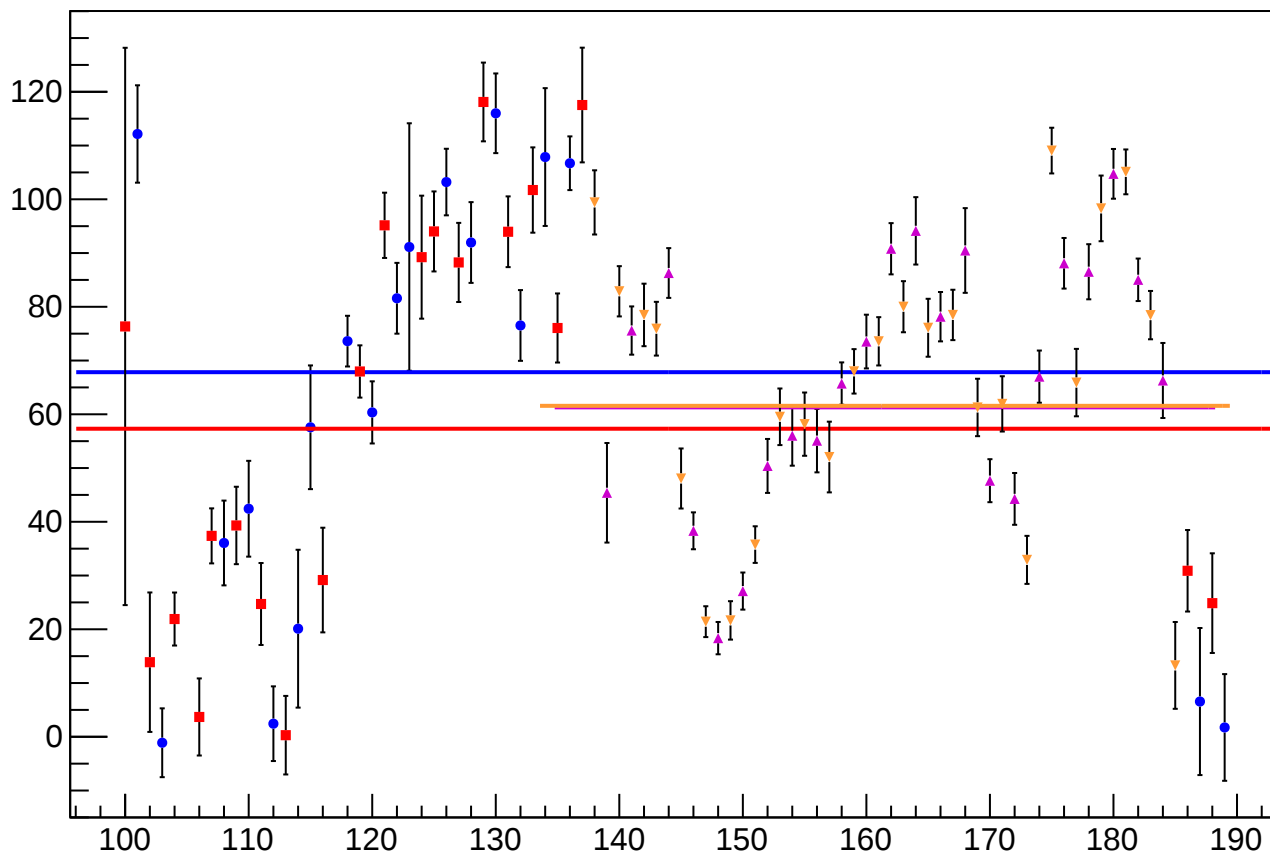
Left In: 243.933 ± 1.090 $\chi^2/\text{NDF}: 2294.8/22$

+ sign 272.968 ± 0.968 $\chi^2/\text{NDF}: 8485.5/43$

All: 278.237 ± 0.666 $\chi^2/\text{NDF}: 19408.3/87$

- sign 282.974 ± 0.917 $\chi^2/\text{NDF}: 10866.6/43$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 67.834 $\pm$ 1.703 χ^2 /NDF: 494.4/18

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

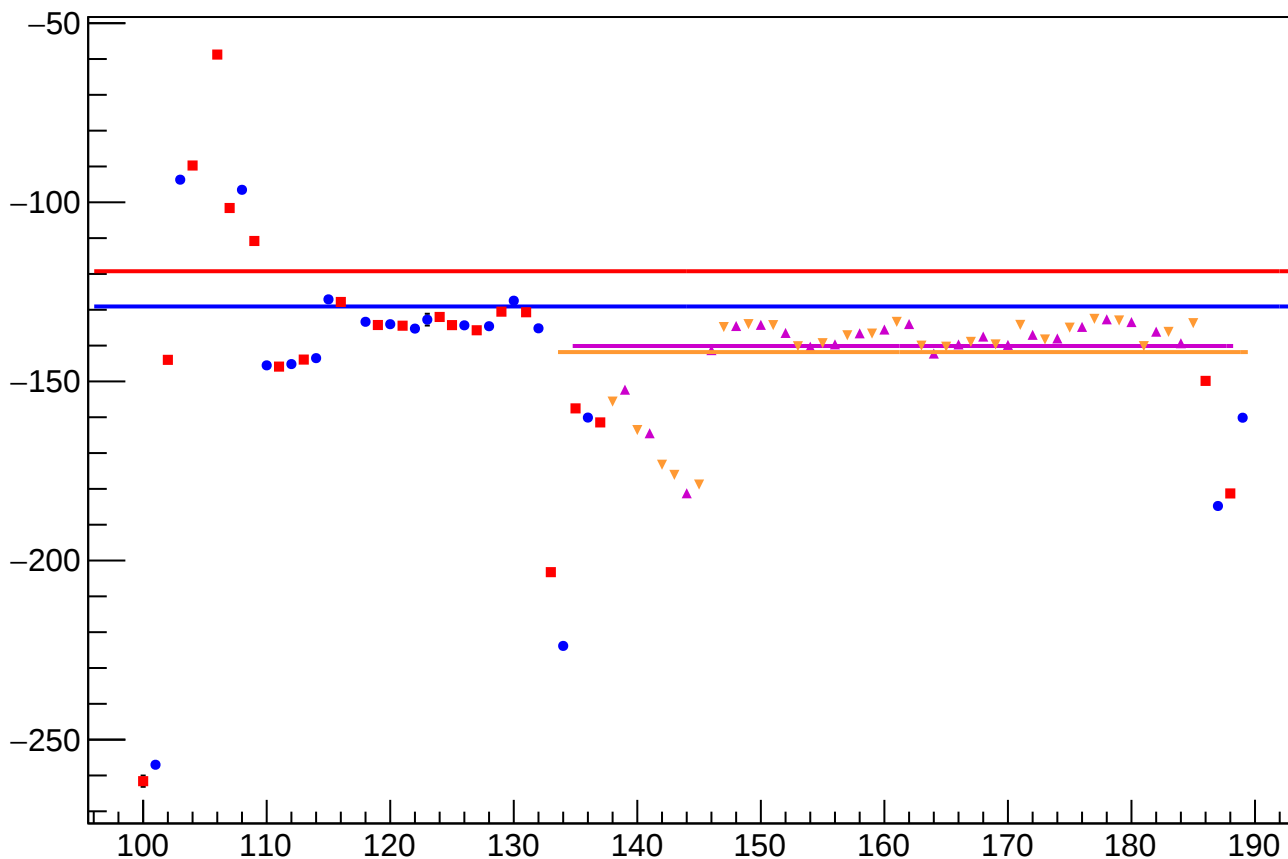
Left In: 61.286 $\pm$ 0.959 χ^2 /NDF: 702.8/22

+ sign 63.033 $\pm$ 0.822 χ^2 /NDF: 1375.1/43

All: 61.616 $\pm$ 0.580 χ^2 /NDF: 2605.6/87

- sign 60.210 $\pm$ 0.819 χ^2 /NDF: 1224.6/43

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -129.079 ± 0.087 $\chi^2/\text{NDF}: 177504.4/18$

Left Out: -141.811 ± 0.045 $\chi^2/\text{NDF}: 77727.6/24$

Right Out: -119.242 ± 0.081 $\chi^2/\text{NDF}: 191472.2/20$

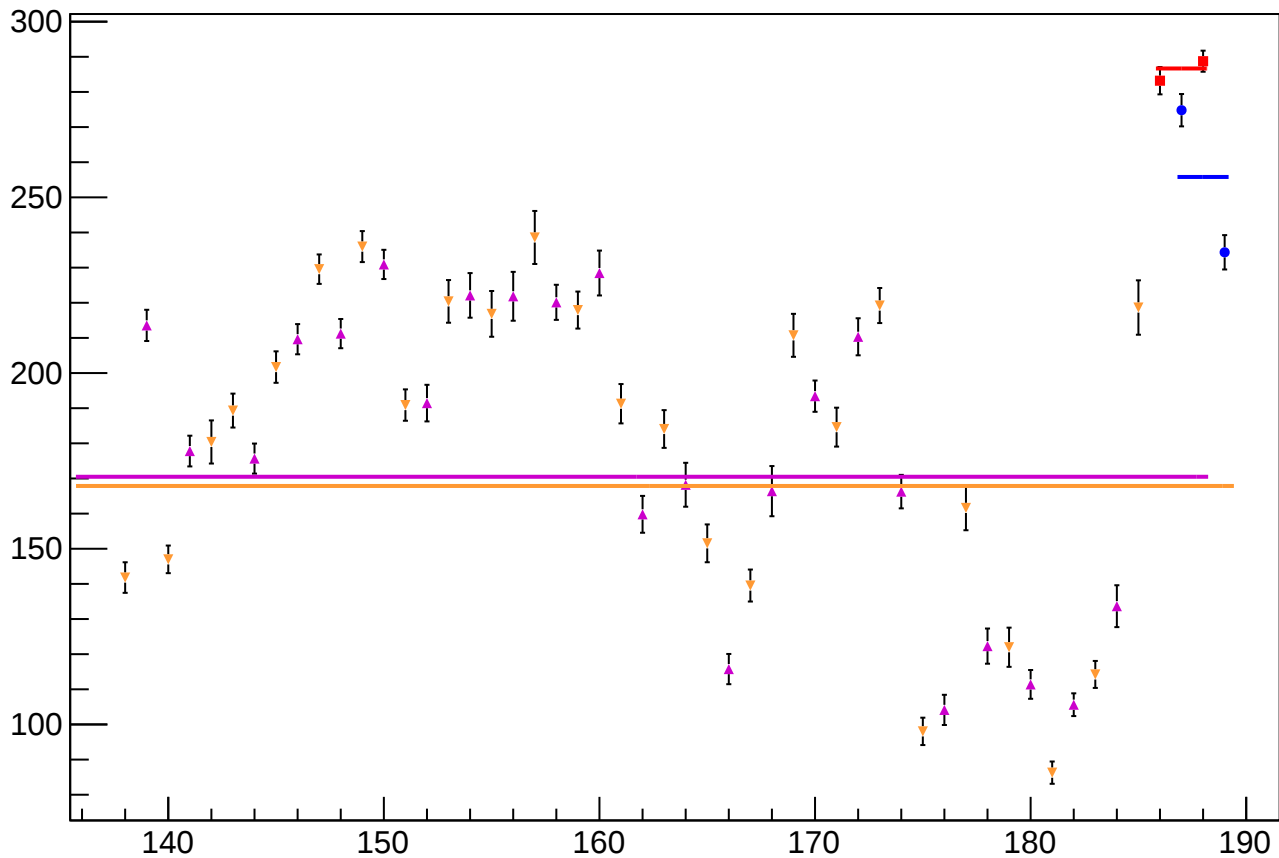
Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

+ sign -139.149 ± 0.040 $\chi^2/\text{NDF}: 272110.5/43$

All: -137.132 ± 0.028 $\chi^2/\text{NDF}: 568211.2/87$

- sign -135.182 ± 0.039 $\chi^2/\text{NDF}: 291062.4/43$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 255.805 ± 3.351 $\chi^2/\text{NDF}: 36.3/1$

Left Out: 167.868 ± 0.973 $\chi^2/\text{NDF}: 2465.4/24$

Right Out: 286.676 ± 2.374 $\chi^2/\text{NDF}: 1.3/1$

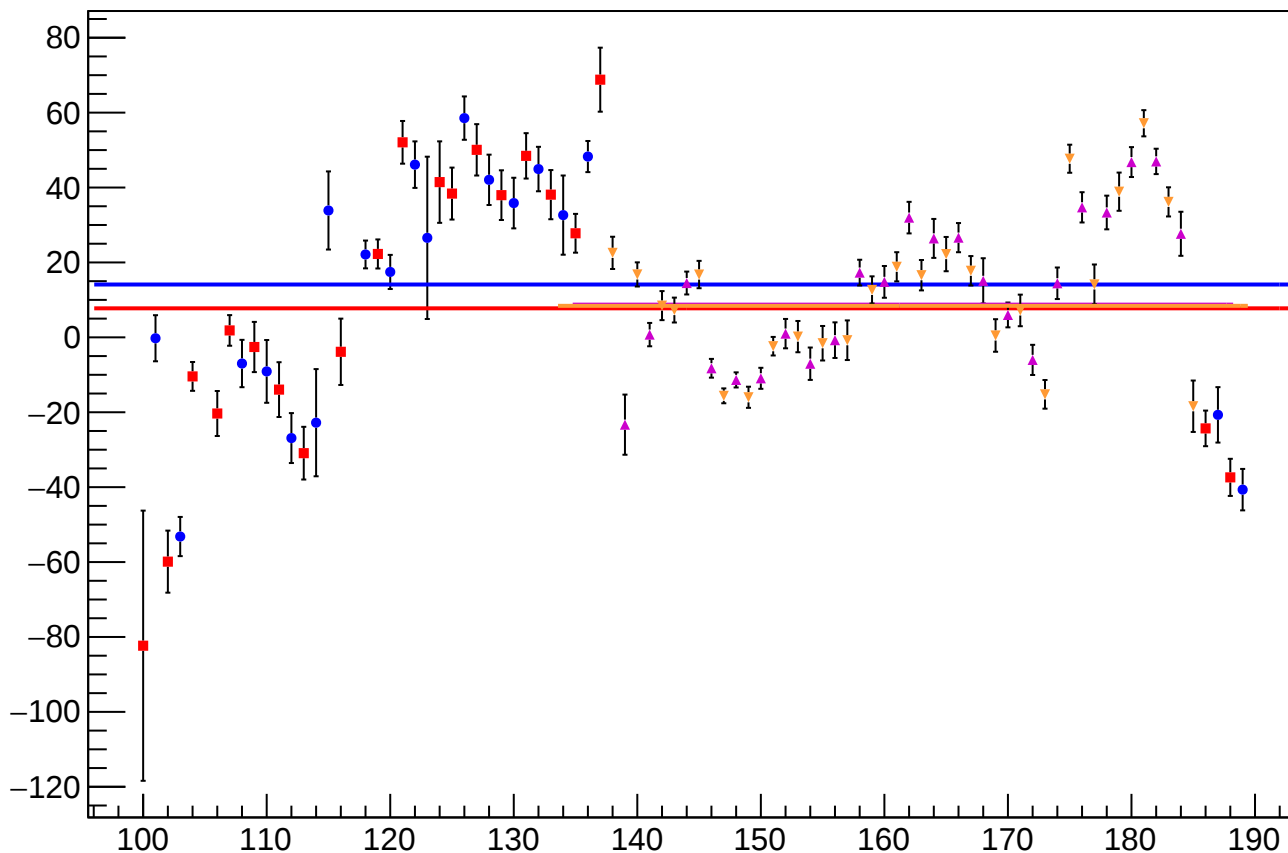
Left In: 170.487 ± 0.991 $\chi^2/\text{NDF}: 2036.5/22$

+ sign 174.712 ± 0.935 $\chi^2/\text{NDF}: 3136.8/26$

All: 181.367 ± 0.654 $\chi^2/\text{NDF}: 7314.1/51$

- sign 187.739 ± 0.915 $\chi^2/\text{NDF}: 4078.0/24$

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 14.108 ± 1.404 $\chi^2/\text{NDF}: 574.0/18$

Left Out: 8.415 ± 0.731 $\chi^2/\text{NDF}: 750.6/24$

Right Out: 7.745 ± 1.290 $\chi^2/\text{NDF}: 585.5/20$

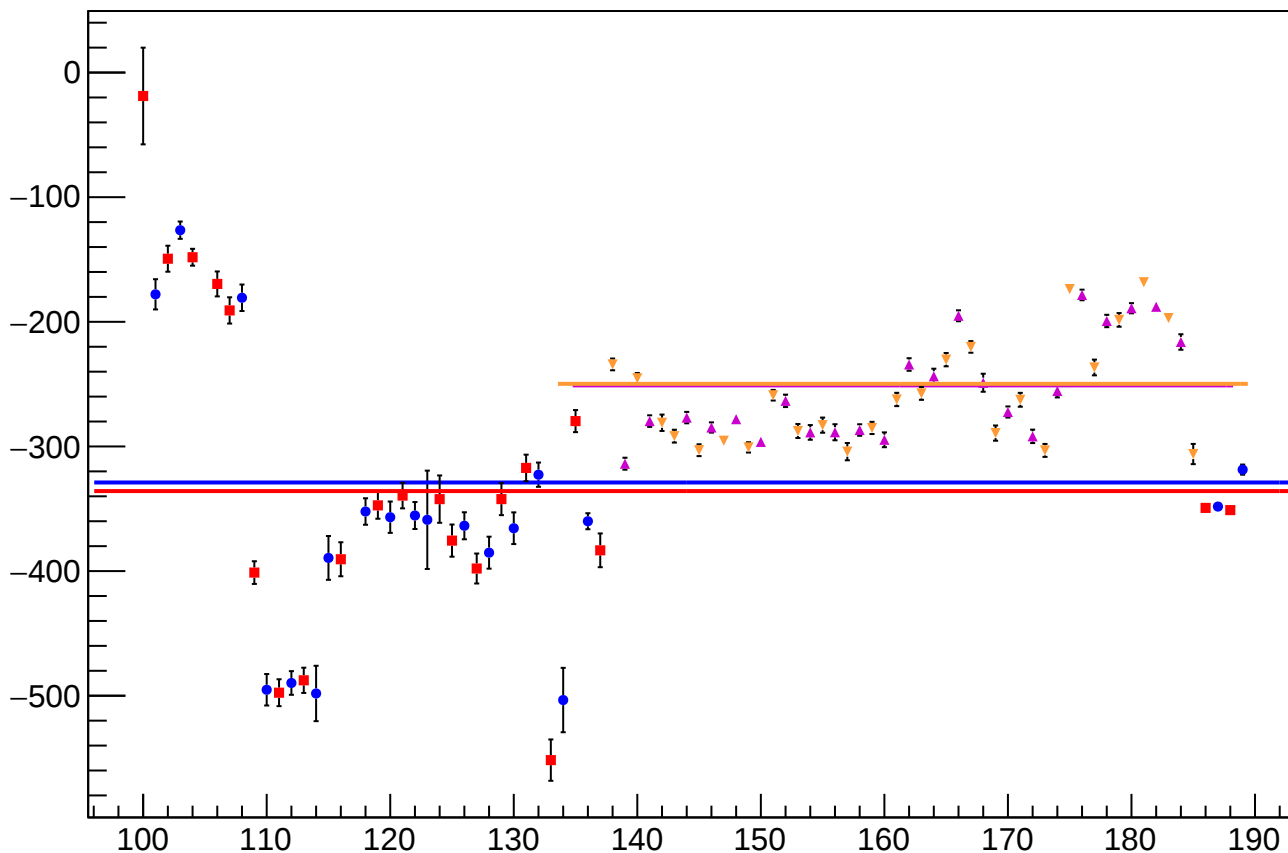
Left In: 8.730 ± 0.757 $\chi^2/\text{NDF}: 630.1/22$

+ sign 9.630 ± 0.648 $\chi^2/\text{NDF}: 1337.5/43$

All: 9.057 ± 0.460 $\chi^2/\text{NDF}: 2555.1/87$

- sign 8.478 ± 0.653 $\chi^2/\text{NDF}: 1216.0/43$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -328.904 ± 1.921 χ^2/NDF : 1887.2/18

Left Out: -249.759 ± 0.975 χ^2/NDF : 2232.5/24

Right Out: -335.805 ± 1.521 χ^2/NDF : 2461.7/20

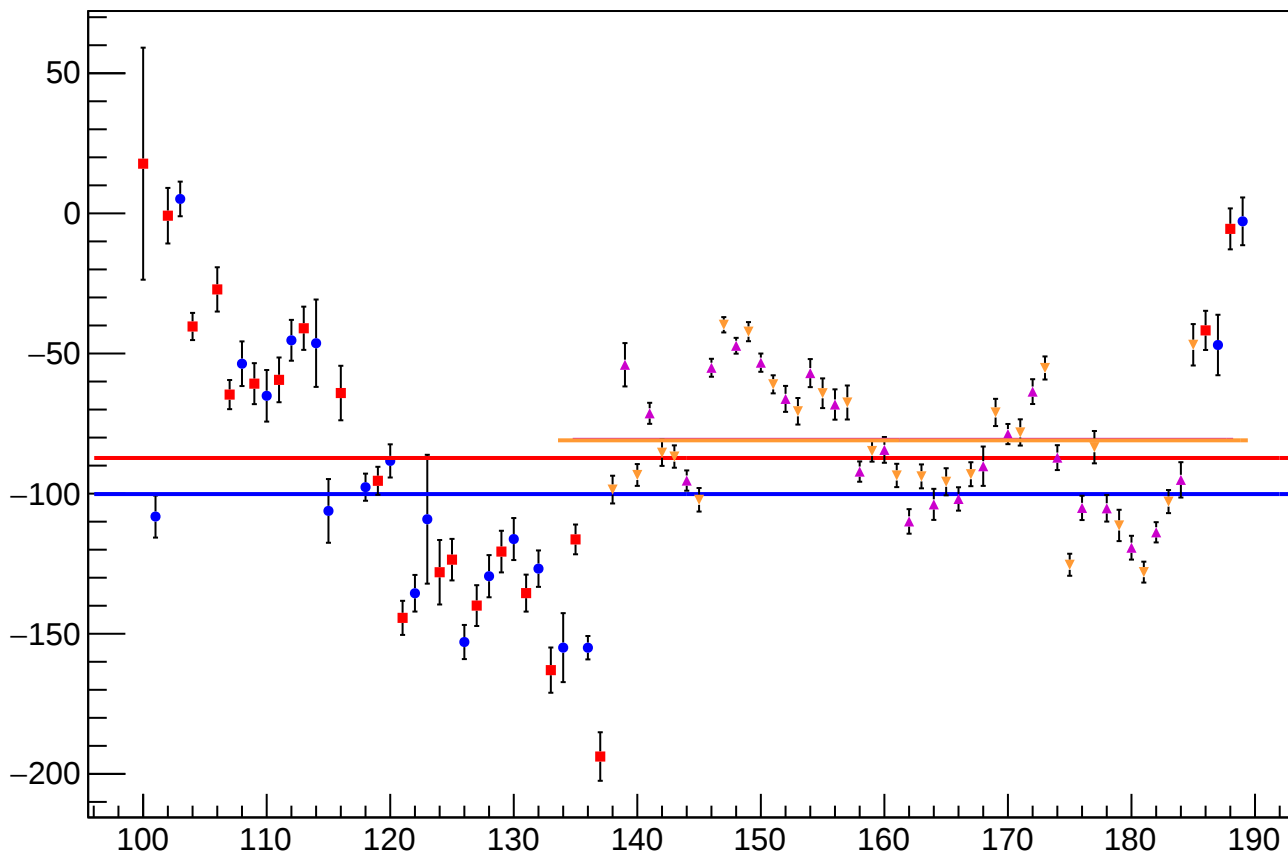
Left In: -251.002 ± 0.987 χ^2/NDF : 1958.3/22

+ sign -265.982 ± 0.869 χ^2/NDF : 5469.8/43

All: -271.304 ± 0.600 χ^2/NDF : 12149.7/87

- sign -276.128 ± 0.828 χ^2/NDF : 6608.4/43

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -100.156 ± 1.642 χ^2/NDF : 901.5/18

Left Out: -80.981 ± 0.846 χ^2/NDF : 911.2/24

Right Out: -87.281 ± 1.535 χ^2/NDF : 1009.9/20

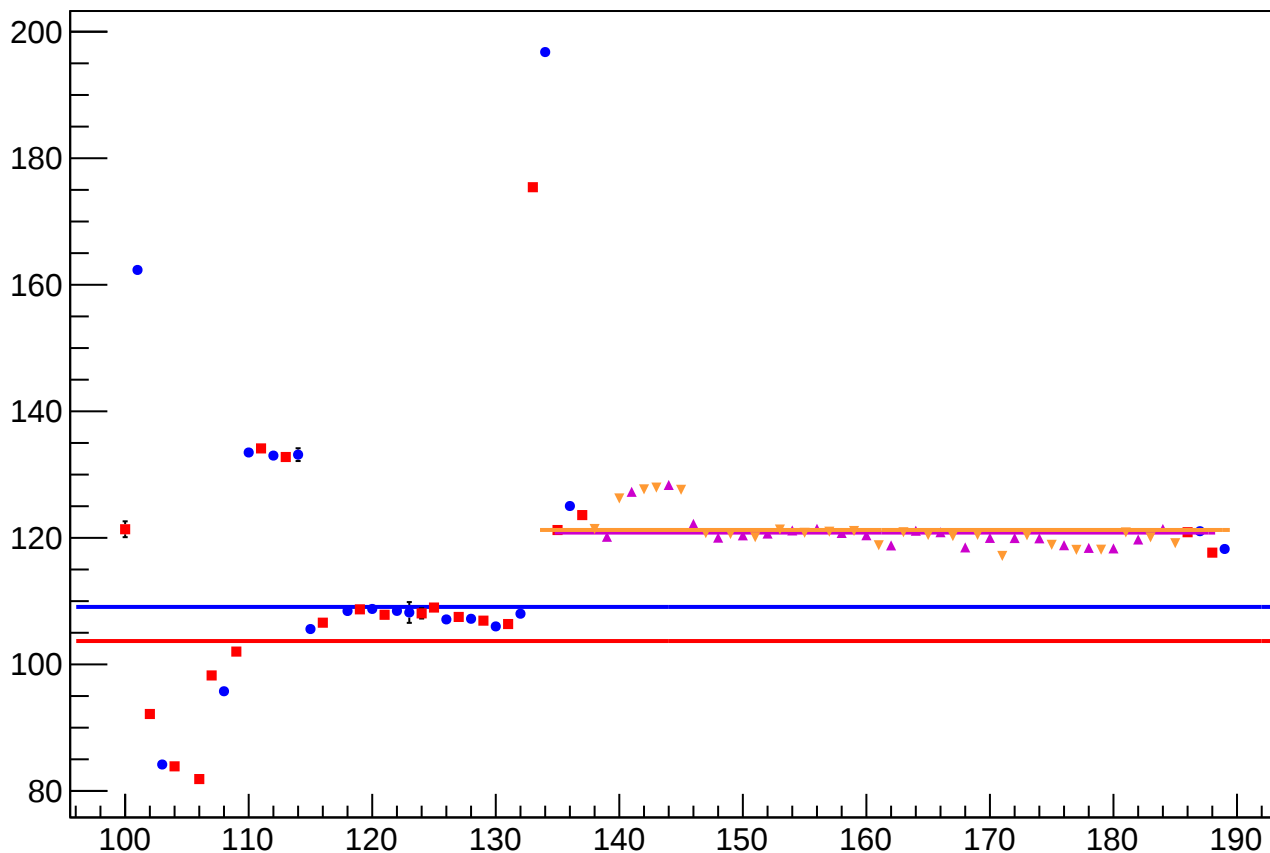
Left In: -80.803 ± 0.870 χ^2/NDF : 695.4/22

+ sign -85.006 ± 0.752 χ^2/NDF : 1920.5/43

All: -83.700 ± 0.533 χ^2/NDF : 3645.4/87

- sign -82.377 ± 0.757 χ^2/NDF : 1718.8/43

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 109.085 ± 0.082 $\chi^2/\text{NDF}: 74242.9/18$

Left Out: 121.248 ± 0.040 $\chi^2/\text{NDF}: 4820.1/24$

Right Out: 103.694 ± 0.077 $\chi^2/\text{NDF}: 56048.0/20$

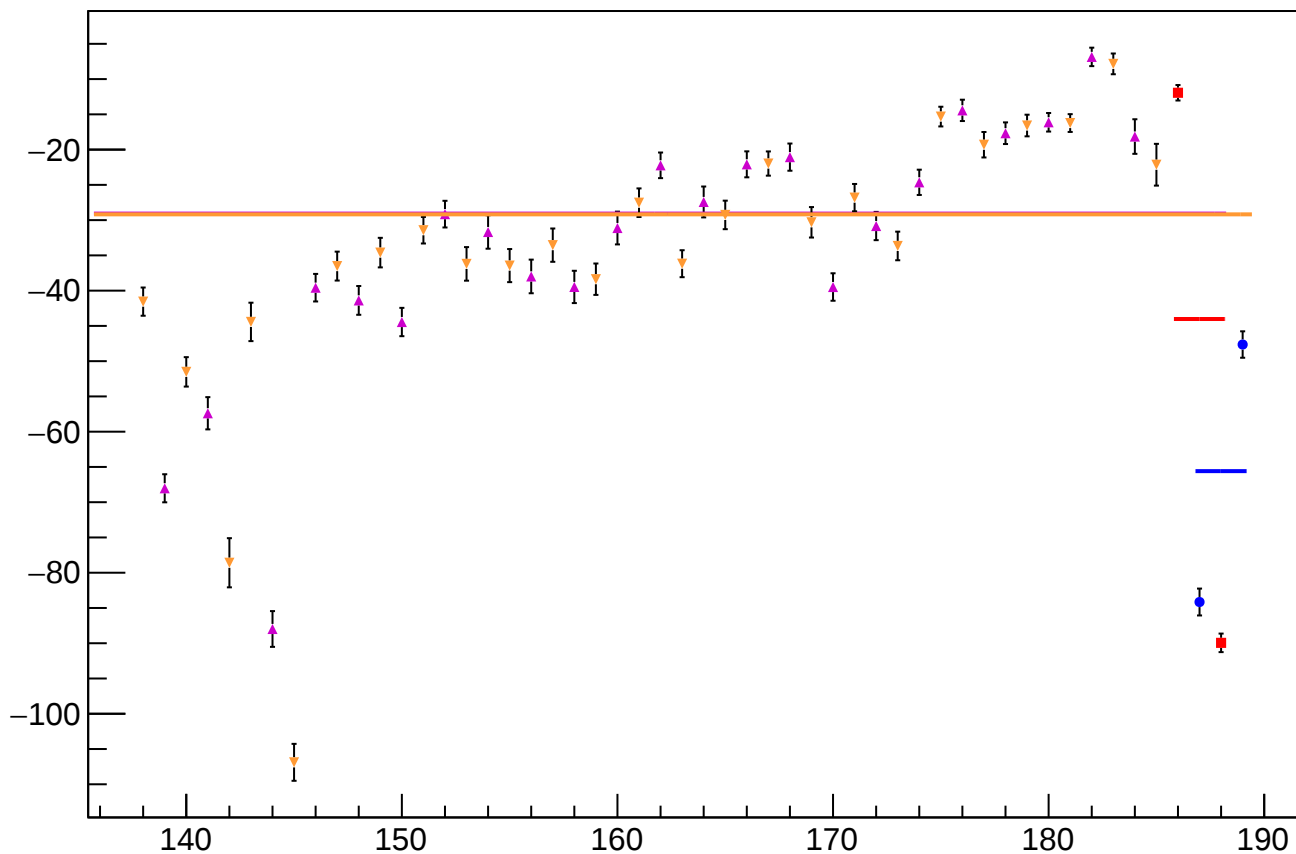
Left In: 120.834 ± 0.041 $\chi^2/\text{NDF}: 3372.4/22$

+ sign 118.899 ± 0.036 $\chi^2/\text{NDF}: 96730.0/43$

All: 117.987 ± 0.025 $\chi^2/\text{NDF}: 196500.7/87$

- sign 117.091 ± 0.036 $\chi^2/\text{NDF}: 98508.3/43$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -65.595 ± 1.336 $\chi^2/\text{NDF}: 186.6/1$

Left Out: -29.182 ± 0.389 $\chi^2/\text{NDF}: 1880.4/24$

Right Out: -44.022 ± 0.842 $\chi^2/\text{NDF}: 2075.9/1$

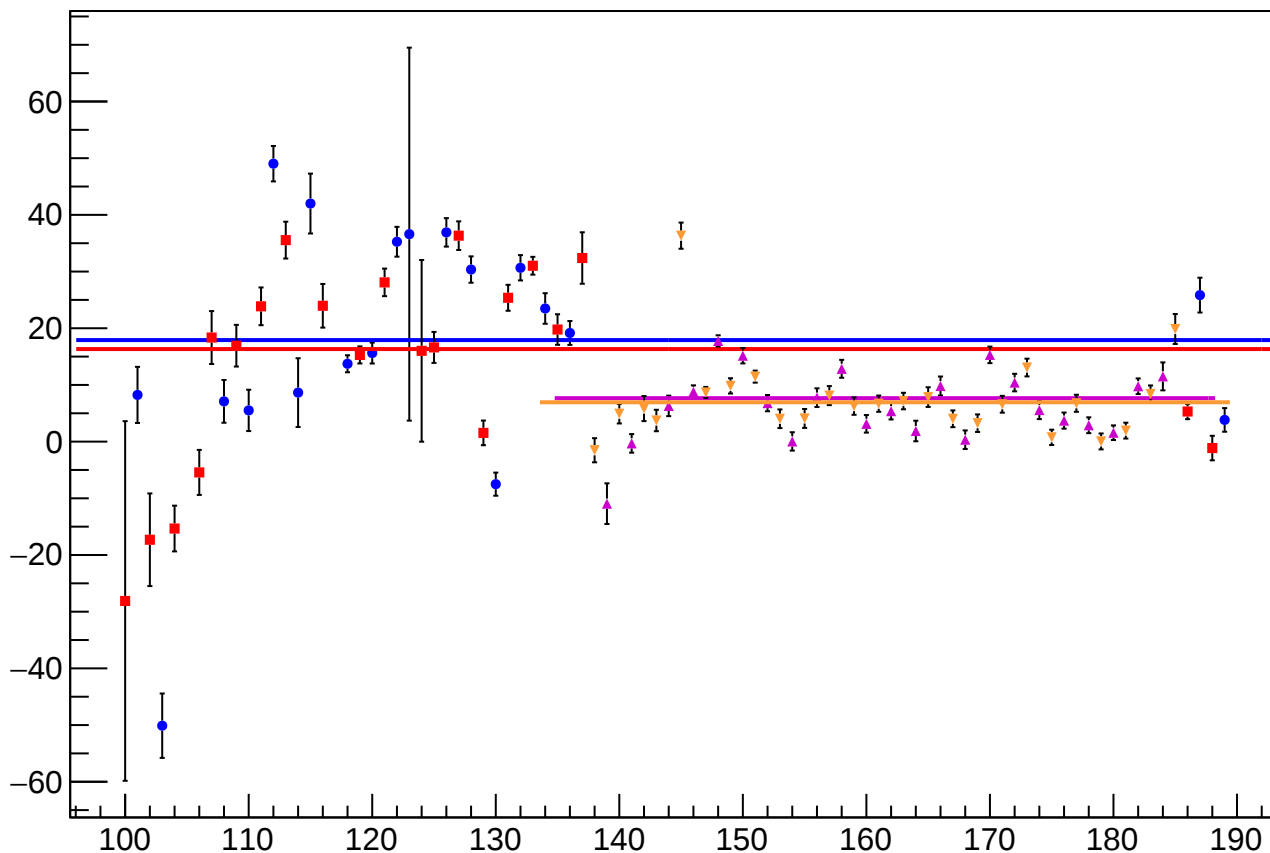
Left In: -29.073 ± 0.394 $\chi^2/\text{NDF}: 1872.4/22$

+ sign -32.029 ± 0.374 $\chi^2/\text{NDF}: 2751.4/26$

All: -31.885 ± 0.258 $\chi^2/\text{NDF}: 6958.3/51$

- sign -31.754 ± 0.357 $\chi^2/\text{NDF}: 4206.7/24$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 17.913 ± 0.603 χ^2/NDF : 673.6/18

Left Out: 6.943 ± 0.304 χ^2/NDF : 322.6/24

Right Out: 16.330 ± 0.561 χ^2/NDF : 537.0/20

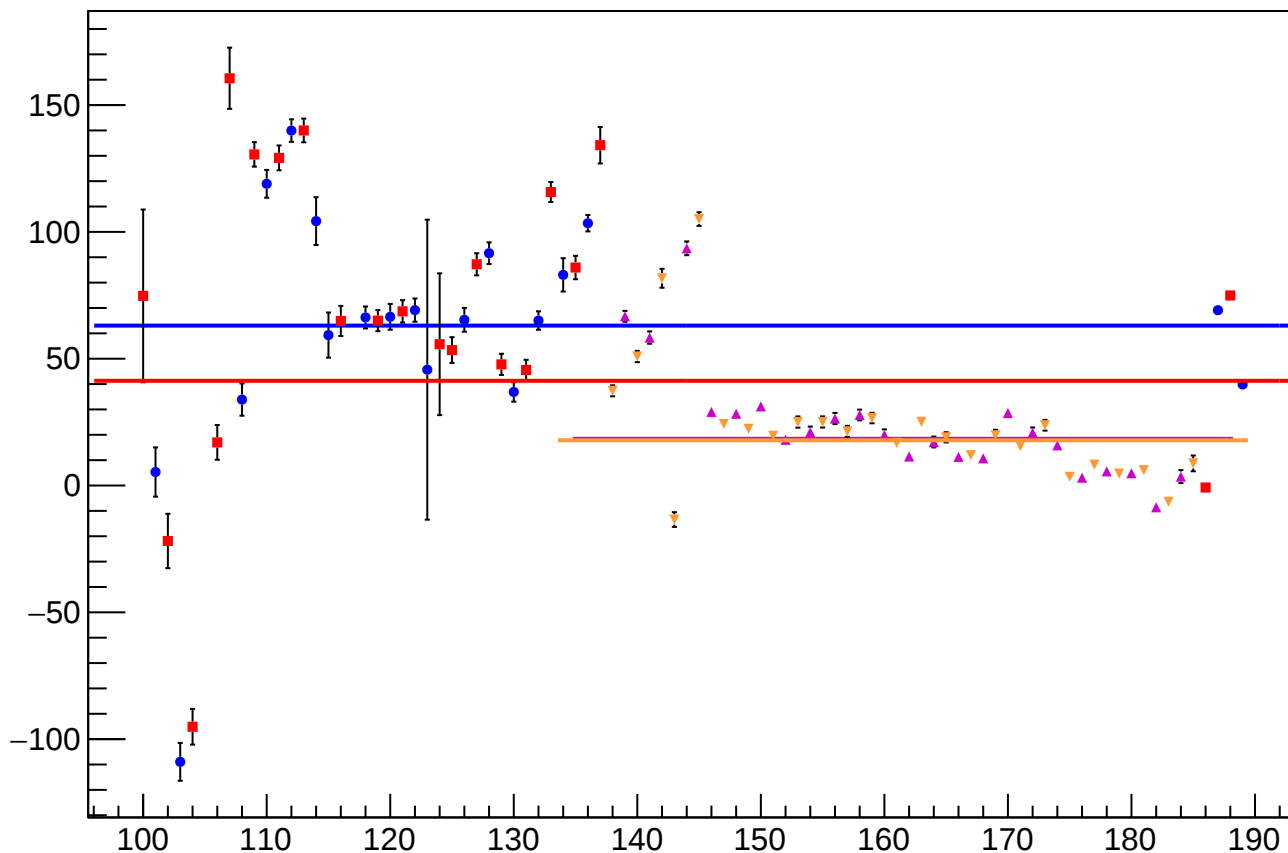
Left In: 7.666 ± 0.313 χ^2/NDF : 341.1/22

+ sign 9.162 ± 0.271 χ^2/NDF : 1260.3/43

All: 9.439 ± 0.192 χ^2/NDF : 2322.5/87

- sign 9.720 ± 0.273 χ^2/NDF : 1060.1/43

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 63.048 $\pm$ 0.826 χ^2/NDF : 1493.7/18

Left Out: 17.841 $\pm$ 0.388 χ^2/NDF : 2399.7/24

Right Out: 41.301 $\pm$ 0.592 χ^2/NDF : 5758.9/20

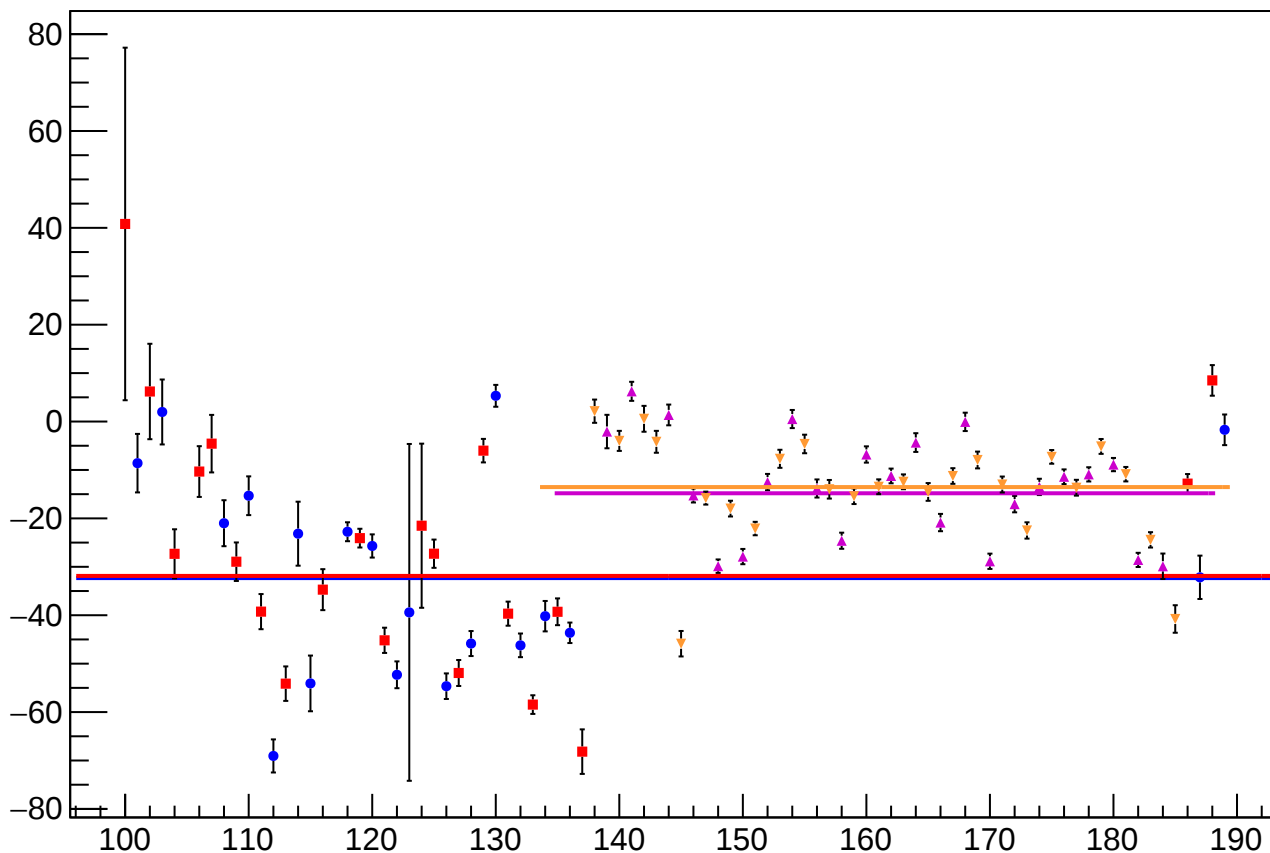
Left In: 18.416 $\pm$ 0.391 χ^2/NDF : 2468.4/22

+ sign 26.002 $\pm$ 0.351 χ^2/NDF : 6346.1/43

All: 25.666 $\pm$ 0.239 χ^2/NDF : 15615.8/87

- sign 25.376 $\pm$ 0.326 χ^2/NDF : 9267.9/43

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -32.329 ± 0.708 χ^2/NDF : 818.5/18

Left Out: -13.535 ± 0.345 χ^2/NDF : 574.6/24

Right Out: -31.880 ± 0.675 χ^2/NDF : 842.1/20

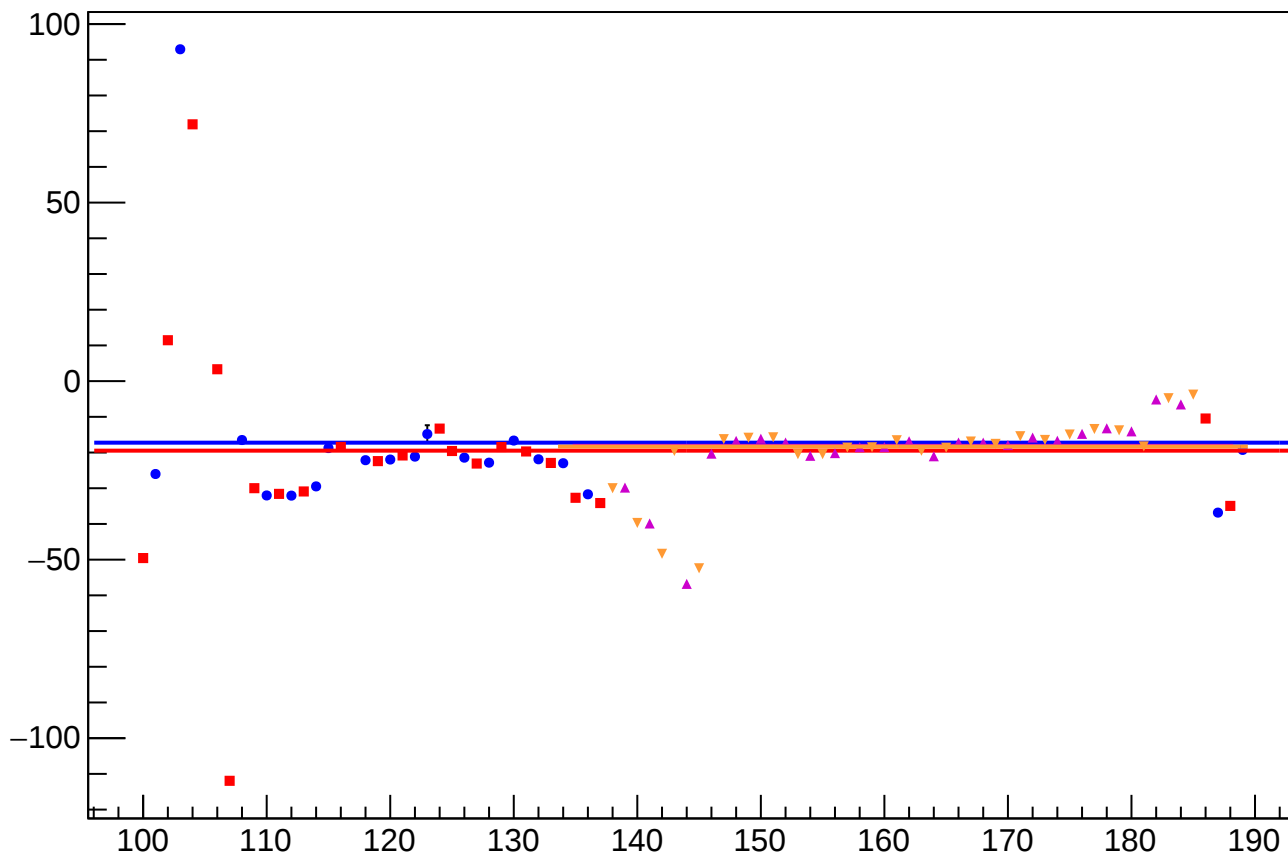
Left In: -14.815 ± 0.353 χ^2/NDF : 838.2/22

+ sign -17.135 ± 0.310 χ^2/NDF : 1962.6/43

All: -17.804 ± 0.220 χ^2/NDF : 4154.8/87

- sign -18.486 ± 0.313 χ^2/NDF : 2182.7/43

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -17.237 ± 0.042 χ^2/NDF : 480959.8/18

Left Out: -18.337 ± 0.016 χ^2/NDF : 283793.3/24

Right Out: -19.473 ± 0.041 χ^2/NDF : 449341.3/20

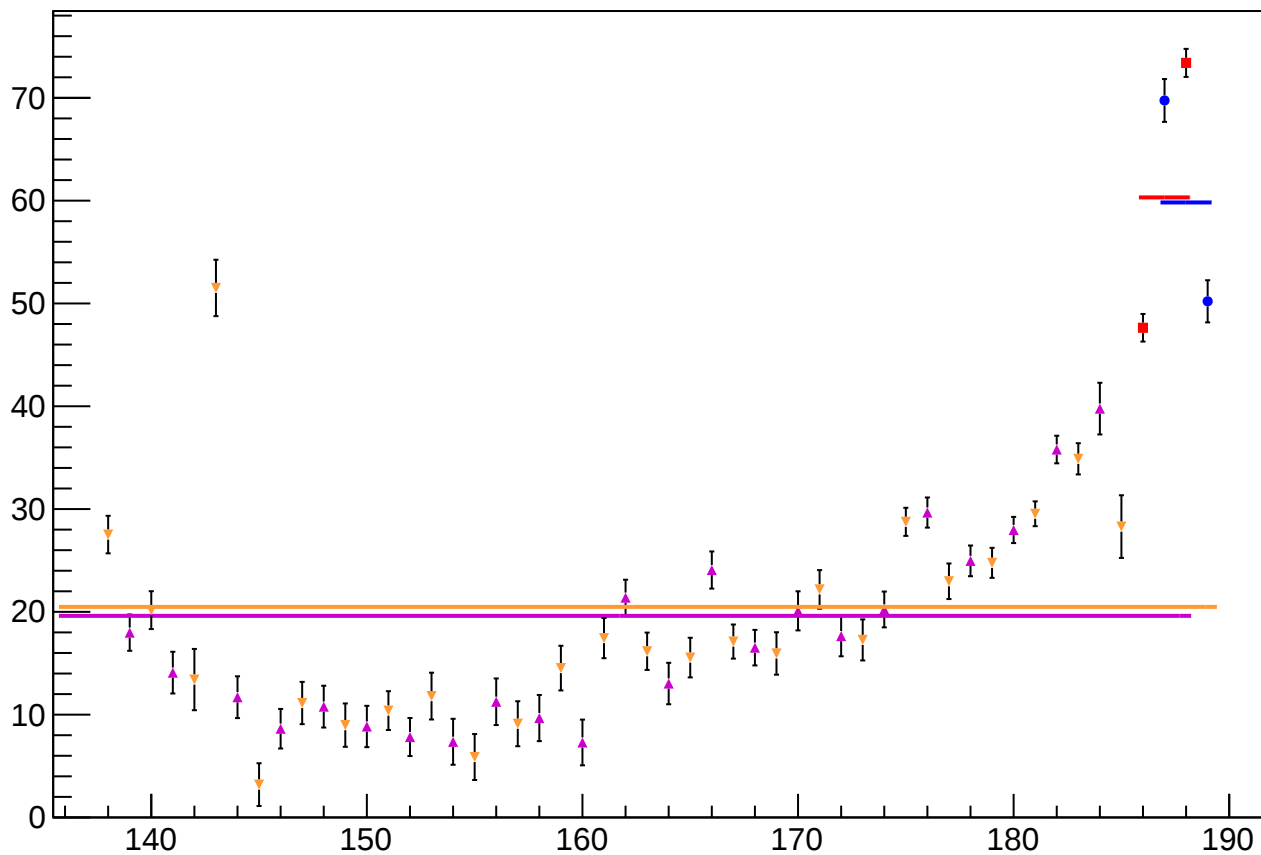
Left In: -18.135 ± 0.016 χ^2/NDF : 245650.3/22

+ sign -18.198 ± 0.015 χ^2/NDF : 765364.7/43

All: -18.253 ± 0.011 χ^2/NDF : 1461294.8/87

- sign -18.309 ± 0.015 χ^2/NDF : 695901.9/43

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 59.825 $\pm$ 1.461 χ^2 /NDF: 44.7/1

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

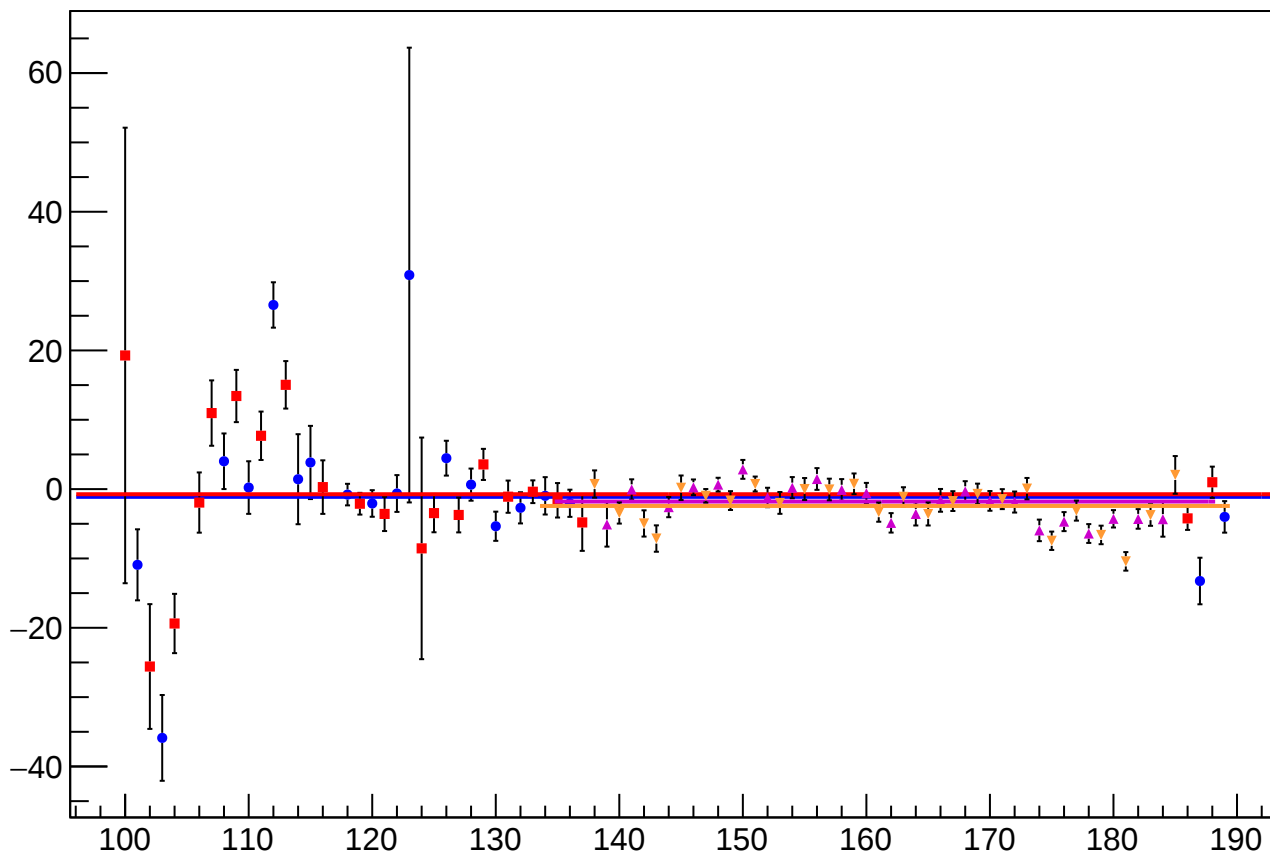
Left In: 19.612 $\pm$ 0.379 χ^2 /NDF: 572.7/22

+ sign 22.900 $\pm$ 0.362 χ^2 /NDF: 1341.0/26

All: 24.039 $\pm$ 0.252 χ^2 /NDF: 3677.0/51

- sign 25.117 $\pm$ 0.352 χ^2 /NDF: 2316.7/24

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -1.113 ± 0.617 χ^2/NDF : 135.8/18

Left Out: -2.429 ± 0.293 χ^2/NDF : 103.7/24

Right Out: -0.740 ± 0.590 χ^2/NDF : 89.1/20

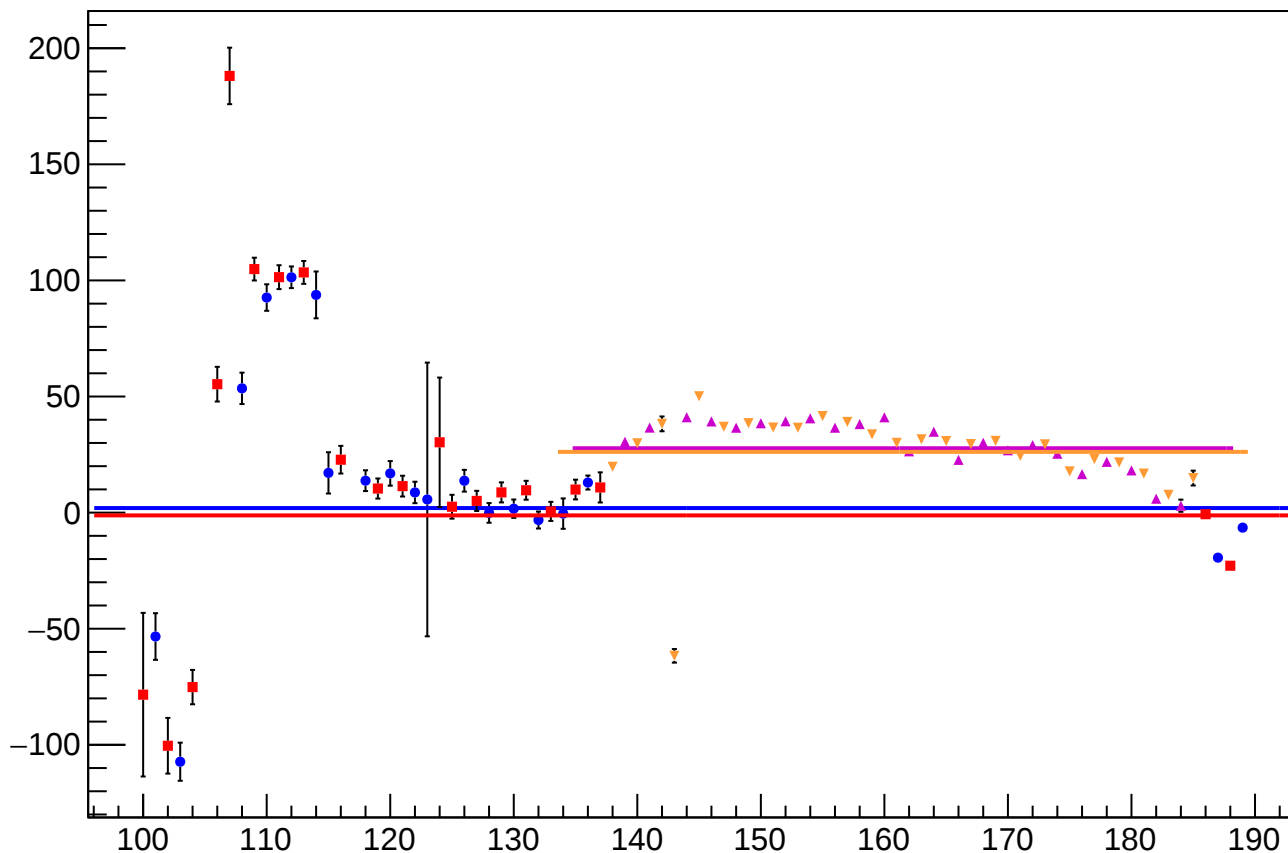
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.187 ± 0.265 χ^2/NDF : 243.2/43

All: -1.885 ± 0.188 χ^2/NDF : 407.5/87

- sign -1.574 ± 0.268 χ^2/NDF : 161.6/43

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 1.965 ± 0.872 χ^2/NDF : 1275.7/18

Left Out: 26.164 ± 0.373 χ^2/NDF : 1577.6/24

Right Out: -1.191 ± 0.654 χ^2/NDF : 2234.6/20

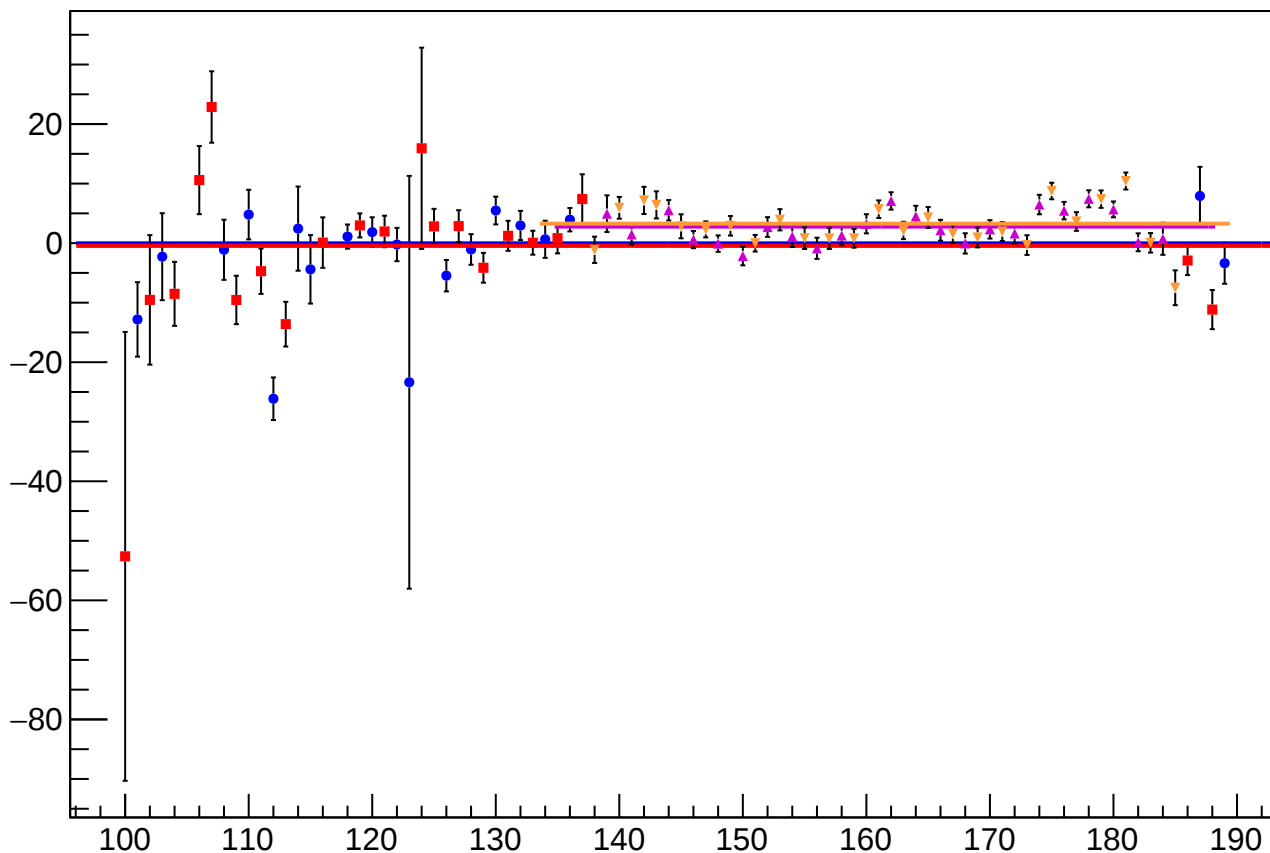
Left In: 27.725 ± 0.377 χ^2/NDF : 805.1/22

+ sign 22.422 ± 0.343 χ^2/NDF : 3504.7/43

All: 21.430 ± 0.236 χ^2/NDF : 8026.6/87

- sign 20.530 ± 0.326 χ^2/NDF : 4506.0/43

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.031 ± 0.719 χ^2/NDF : 80.1/18

Left Out: 3.275 ± 0.332 χ^2/NDF : 101.8/24

Right Out: -0.462 ± 0.700 χ^2/NDF : 67.8/20

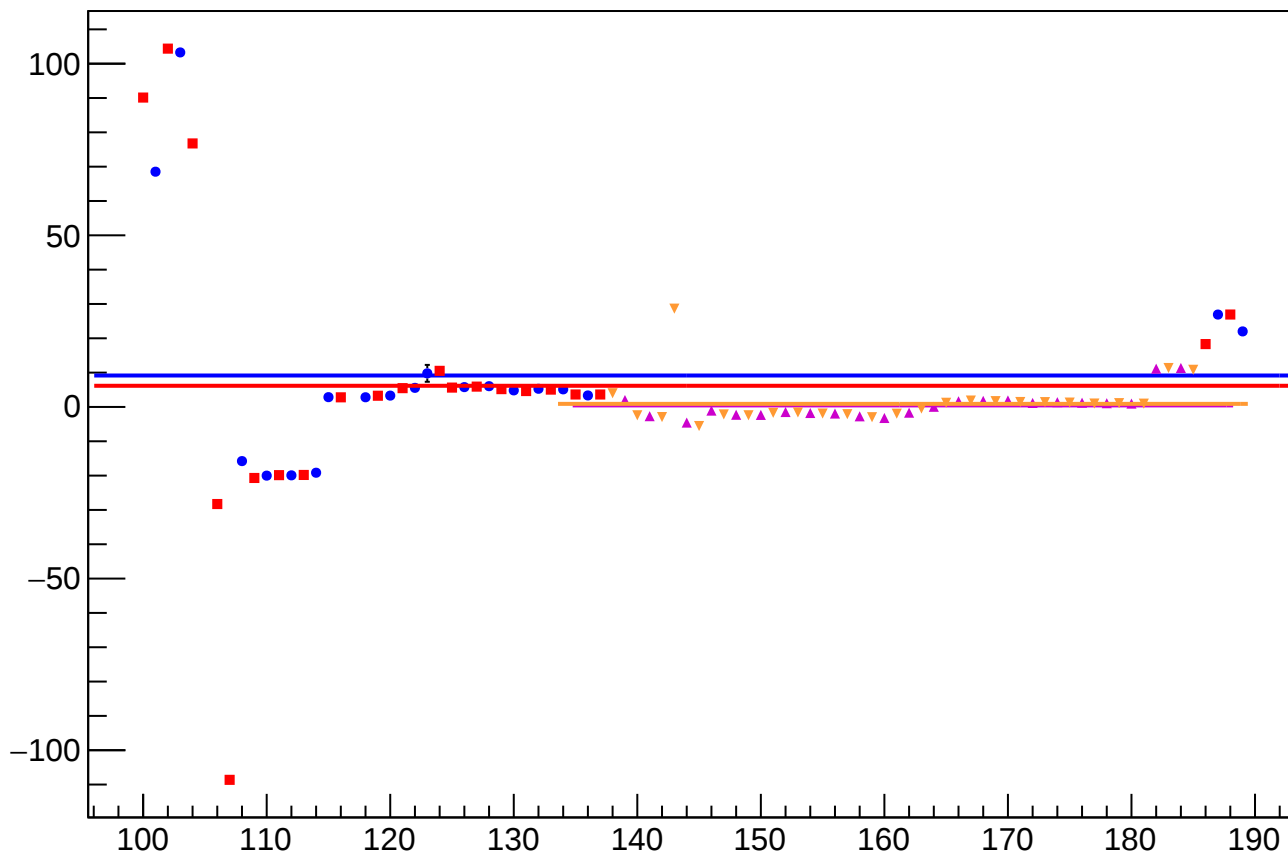
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.694 ± 0.301 χ^2/NDF : 199.3/43

All: 2.430 ± 0.215 χ^2/NDF : 352.6/87

- sign 2.158 ± 0.306 χ^2/NDF : 151.7/43

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 9.161 ± 0.042 $\chi^2/\text{NDF}: 369786.8/18$

Left Out: 0.898 ± 0.015 $\chi^2/\text{NDF}: 108195.0/24$

Right Out: 6.168 ± 0.042 $\chi^2/\text{NDF}: 537159.6/20$

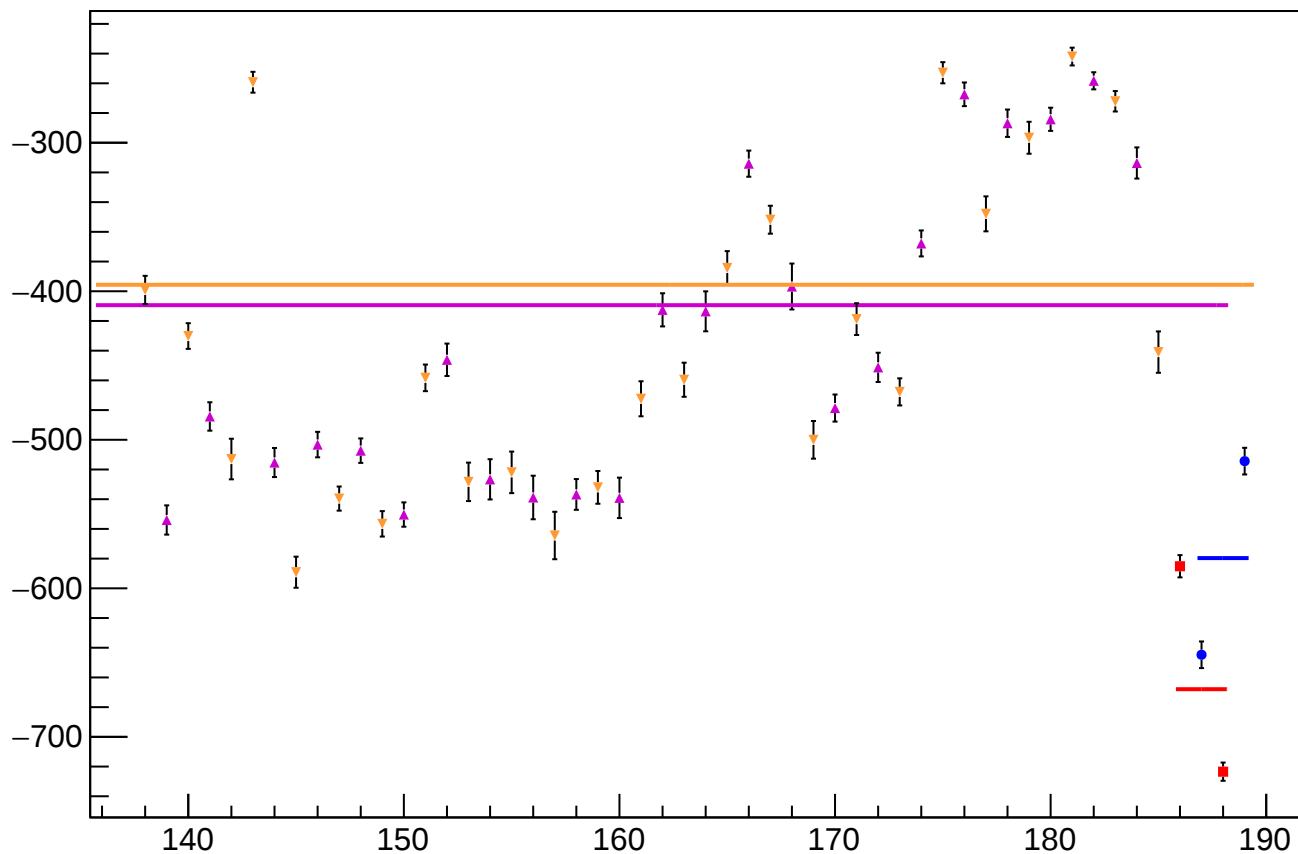
Left In: 0.448 ± 0.015 $\chi^2/\text{NDF}: 50533.6/22$

+ sign 1.859 ± 0.014 $\chi^2/\text{NDF}: 512312.5/43$

All: 1.490 ± 0.010 $\chi^2/\text{NDF}: 1117483.9/87$

- sign 1.113 ± 0.014 $\chi^2/\text{NDF}: 603822.3/43$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -579.652 $\pm$ 6.344 χ^2 /NDF: 105.6/1

Left Out: -395.638 $\pm$ 1.909 χ^2 /NDF: 3704.0/24

Right Out: -667.918 $\pm$ 4.750 χ^2 /NDF: 203.7/1

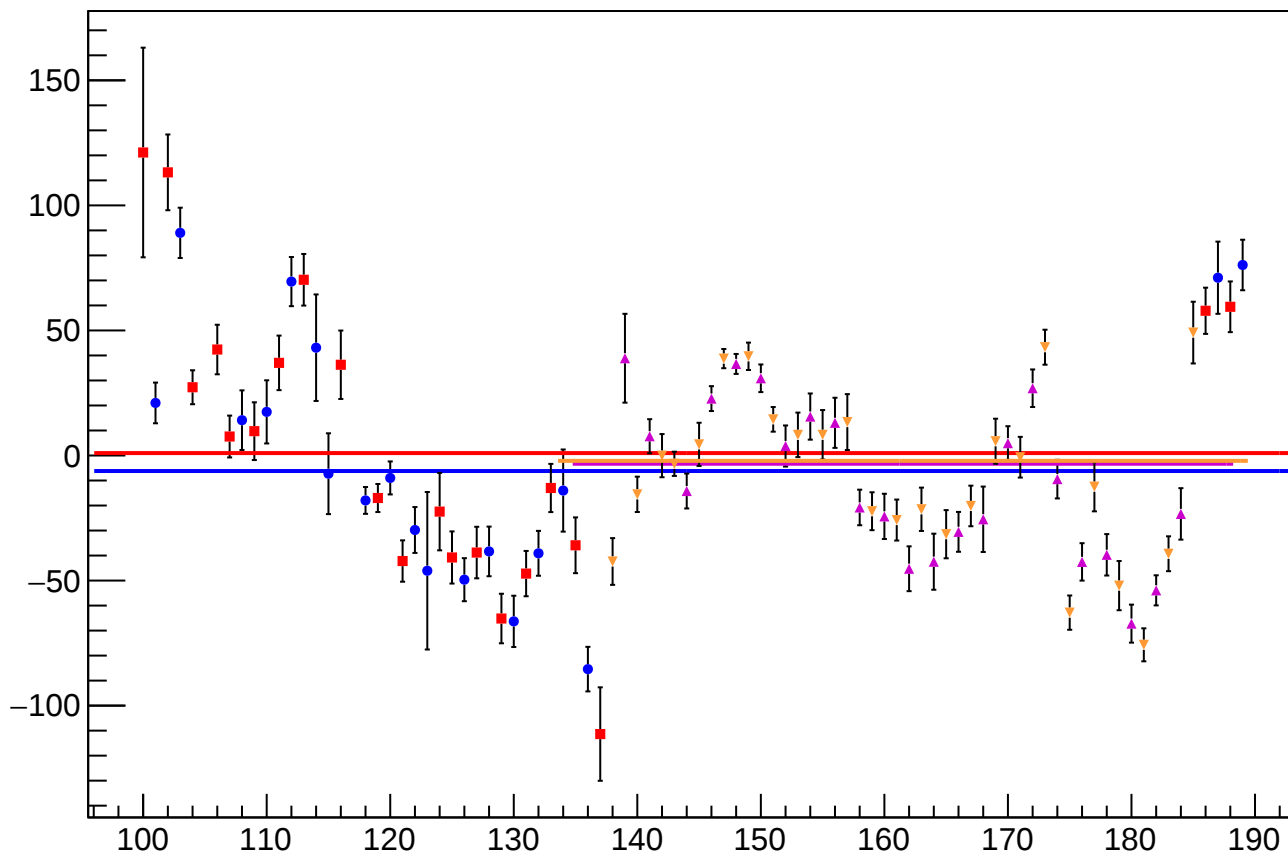
Left In: -409.377 $\pm$ 1.971 χ^2 /NDF: 3096.1/22

+ sign -410.919 $\pm$ 1.828 χ^2 /NDF: 4581.2/26

All: -429.214 $\pm$ 1.290 χ^2 /NDF: 10607.7/51

- sign -447.363 $\pm$ 1.821 χ^2 /NDF: 5827.0/24

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -6.203 ± 2.226 χ^2/NDF : 443.7/18

Left Out: -2.133 ± 1.435 χ^2/NDF : 562.8/24

Right Out: 0.973 ± 2.149 χ^2/NDF : 423.6/20

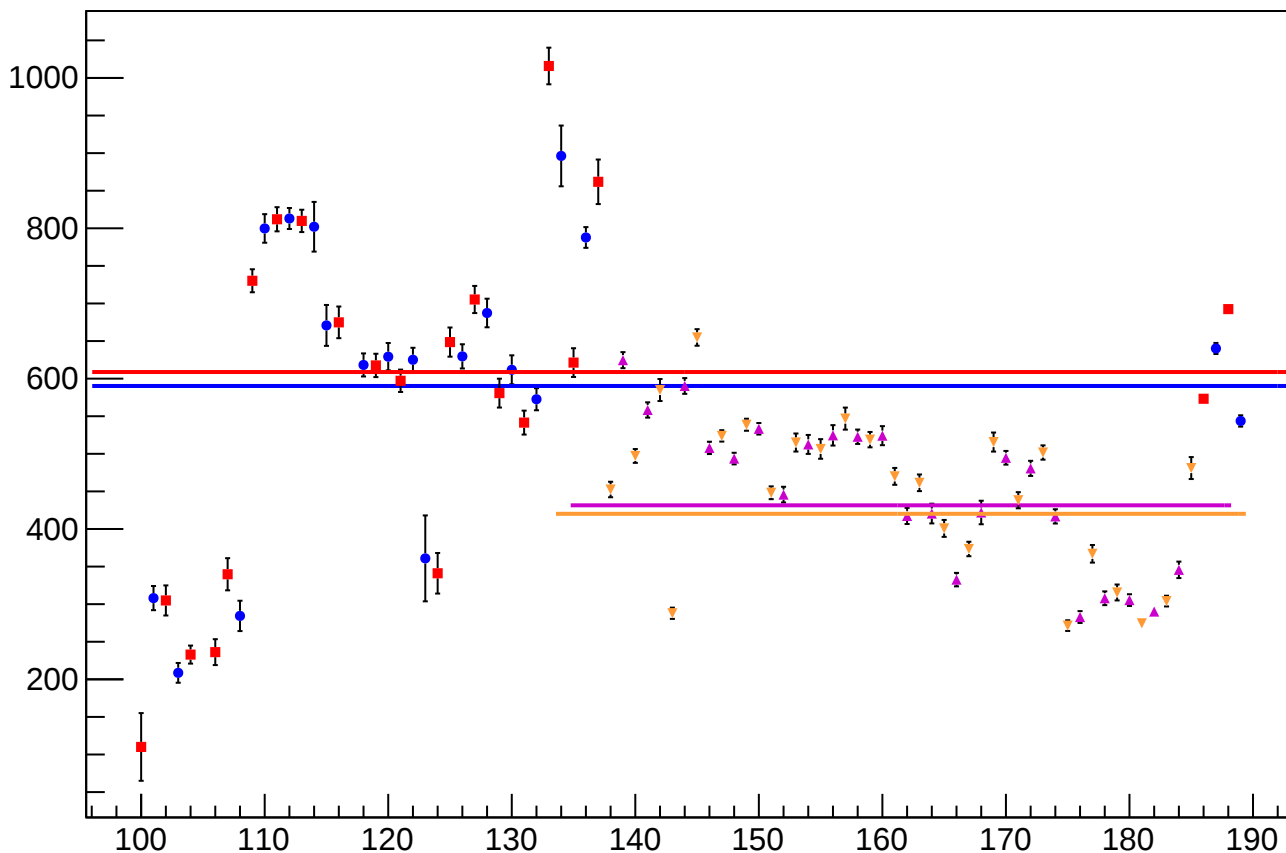
Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

+ sign -3.328 ± 1.206 χ^2/NDF : 1008.9/43

All: -2.620 ± 0.864 χ^2/NDF : 1890.3/87

- sign -1.873 ± 1.239 χ^2/NDF : 880.7/43

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 590.252 ± 3.339 χ^2/NDF : 2214.6/18

Left Out: 420.181 ± 1.916 χ^2/NDF : 3241.0/24

Right Out: 608.803 ± 2.804 χ^2/NDF : 3205.6/20

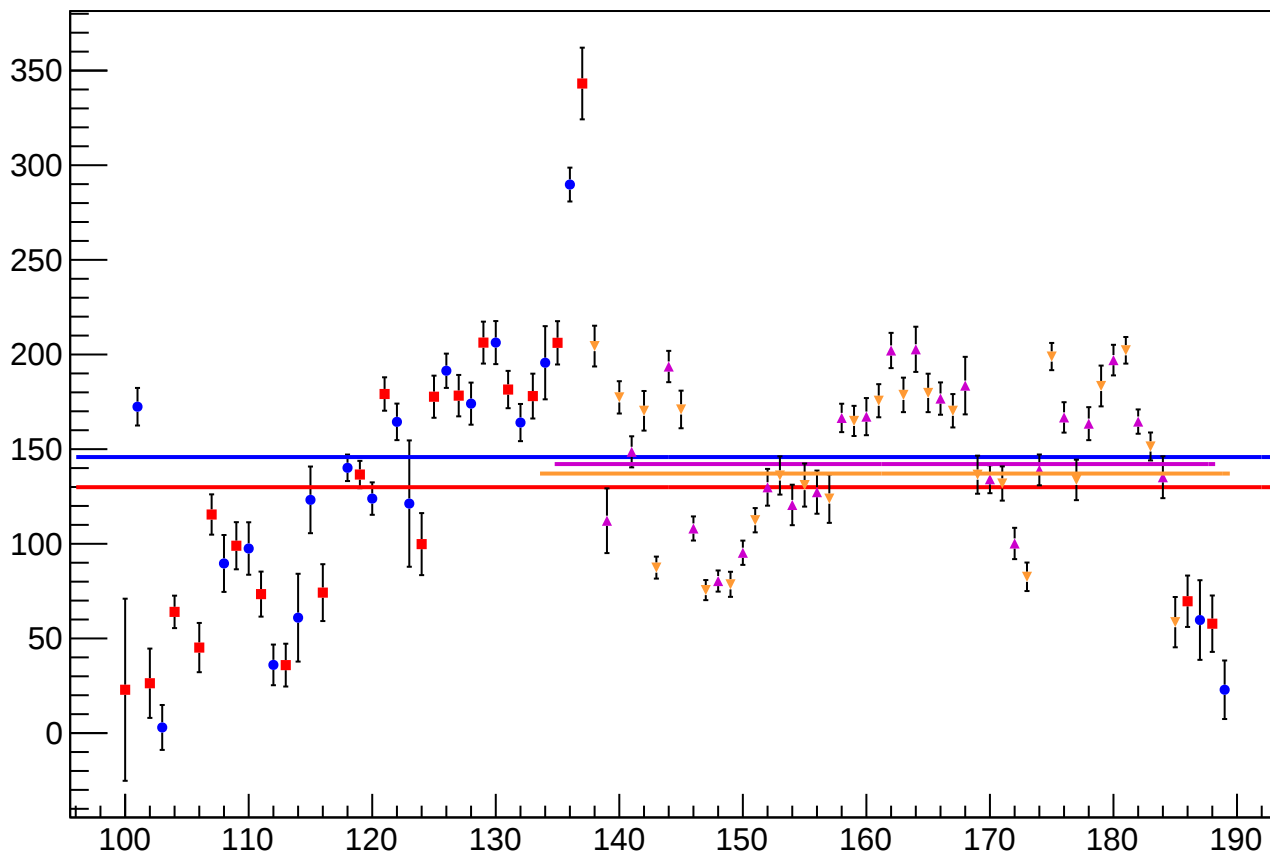
Left In: 431.487 ± 1.964 χ^2/NDF : 2897.1/22

+ sign 462.291 ± 1.662 χ^2/NDF : 7407.2/43

All: 476.507 ± 1.156 χ^2/NDF : 16333.8/87

- sign 489.833 ± 1.609 χ^2/NDF : 8784.8/43

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 145.822 $\pm$ 2.614 χ^2 /NDF: 718.4/18

Left Out: 137.107 $\pm$ 1.663 χ^2 /NDF: 738.9/24

Right Out: 129.908 $\pm$ 2.535 χ^2 /NDF: 630.9/20

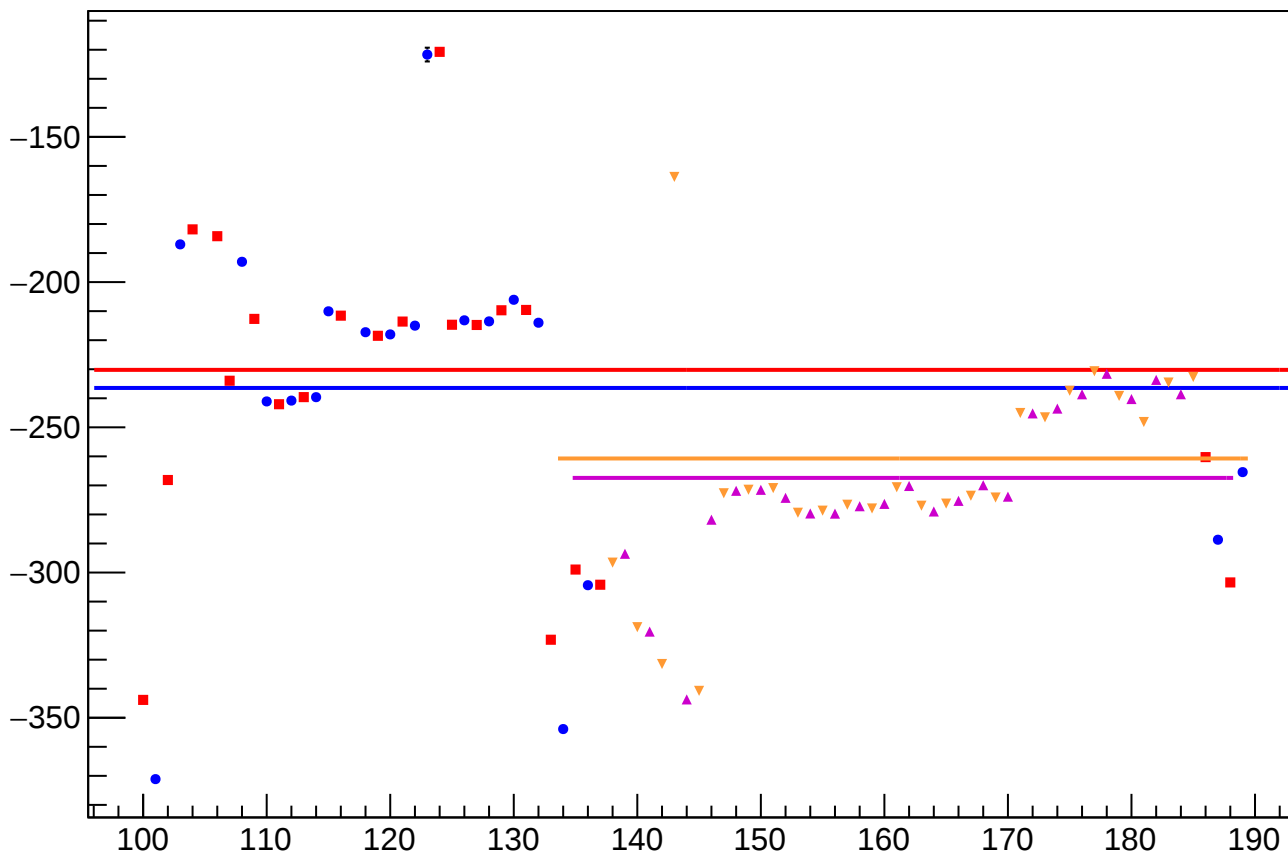
Left In: 142.123 $\pm$ 1.740 χ^2 /NDF: 463.8/22

+ sign 139.617 $\pm$ 1.403 χ^2 /NDF: 1465.2/43

All: 138.929 $\pm$ 1.003 χ^2 /NDF: 2576.2/87

- sign 138.210 $\pm$ 1.435 χ^2 /NDF: 1110.5/43

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -236.444 ± 0.144 $\chi^2/\text{NDF}: 148996.1/18$

Left Out: -260.729 ± 0.080 $\chi^2/\text{NDF}: 220125.6/24$

Right Out: -230.218 ± 0.137 $\chi^2/\text{NDF}: 111508.8/20$

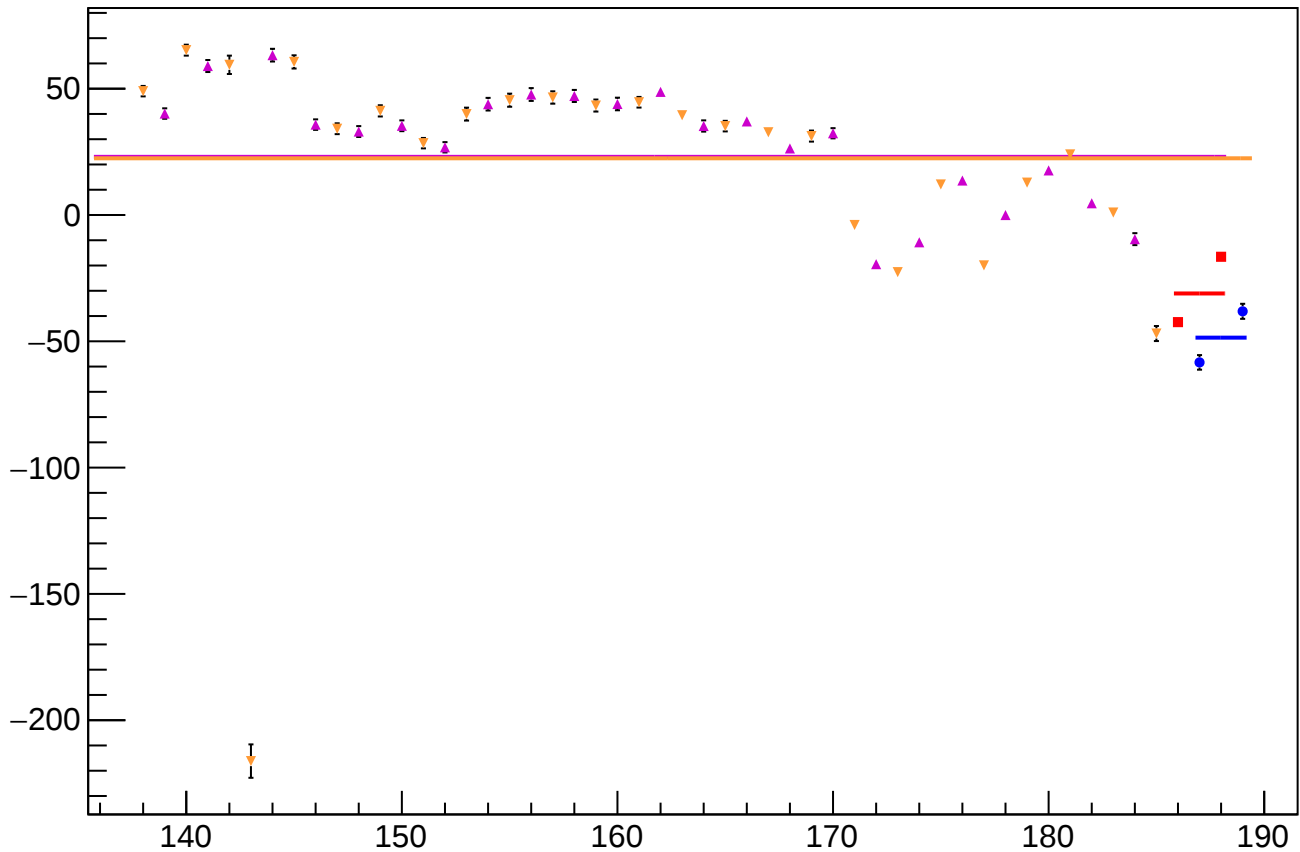
Left In: -267.416 ± 0.081 $\chi^2/\text{NDF}: 98892.0/22$

+ sign -255.054 ± 0.070 $\chi^2/\text{NDF}: 390903.8/43$

All: -256.393 ± 0.049 $\chi^2/\text{NDF}: 656412.2/87$

- sign -257.746 ± 0.070 $\chi^2/\text{NDF}: 264764.7/43$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -48.552 ± 2.074 χ^2/NDF : 23.7/1

Left Out: 22.446 ± 0.399 χ^2/NDF : 4935.8/24

Right Out: -31.065 ± 1.308 χ^2/NDF : 96.3/1

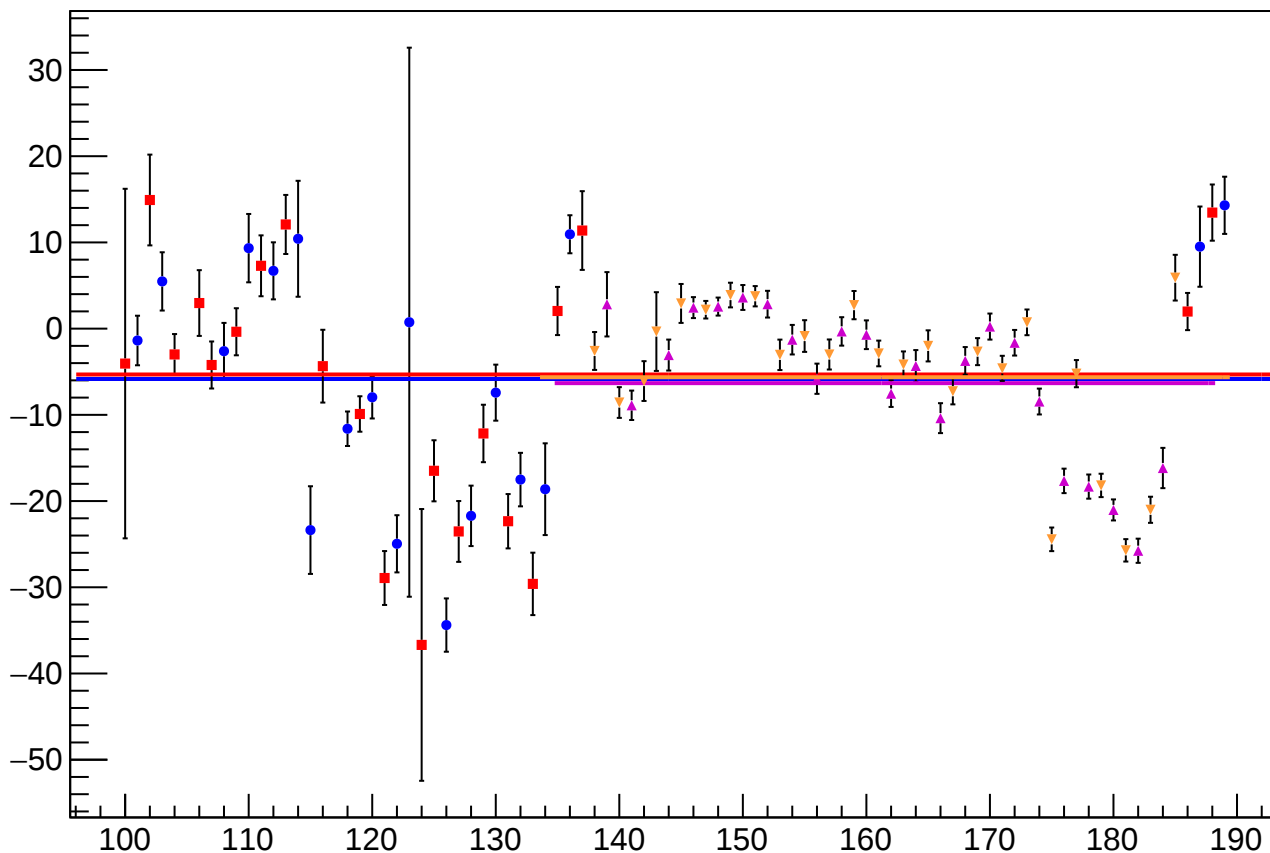
Left In: 23.019 ± 0.400 χ^2/NDF : 2819.9/22

+ sign 19.914 ± 0.392 χ^2/NDF : 6089.6/26

All: 19.139 ± 0.274 χ^2/NDF : 10576.1/51

- sign 18.402 ± 0.382 χ^2/NDF : 4478.8/24

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -5.841 ± 0.748 χ^2/NDF : 335.3/18

Left Out: -5.639 ± 0.316 χ^2/NDF : 891.5/24

Right Out: -5.319 ± 0.702 χ^2/NDF : 308.4/20

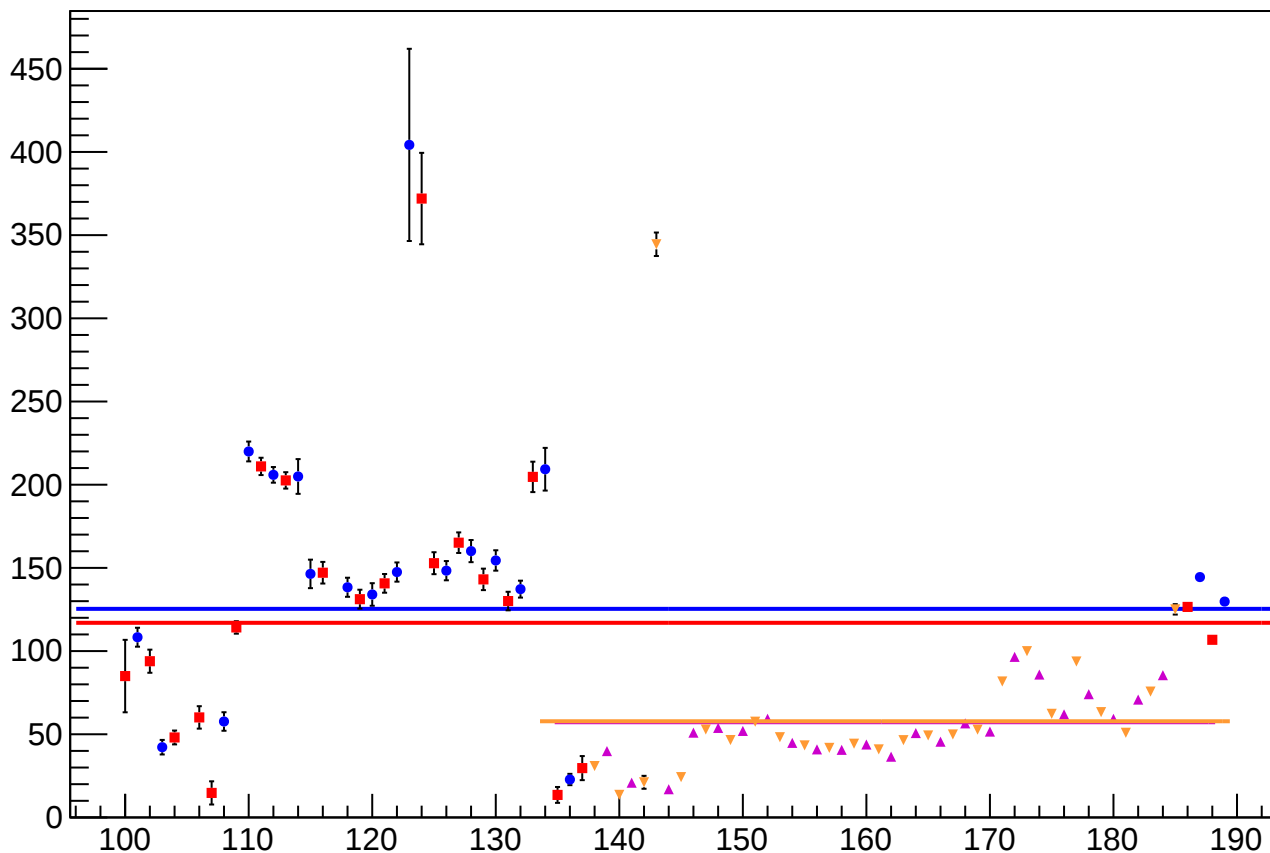
Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

+ sign -5.669 ± 0.291 χ^2/NDF : 1226.9/43

All: -5.909 ± 0.206 χ^2/NDF : 2322.7/87

- sign -6.150 ± 0.291 χ^2/NDF : 1094.5/43

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 125.381 $\pm$ 1.093 χ^2 /NDF: 2261.9/18

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

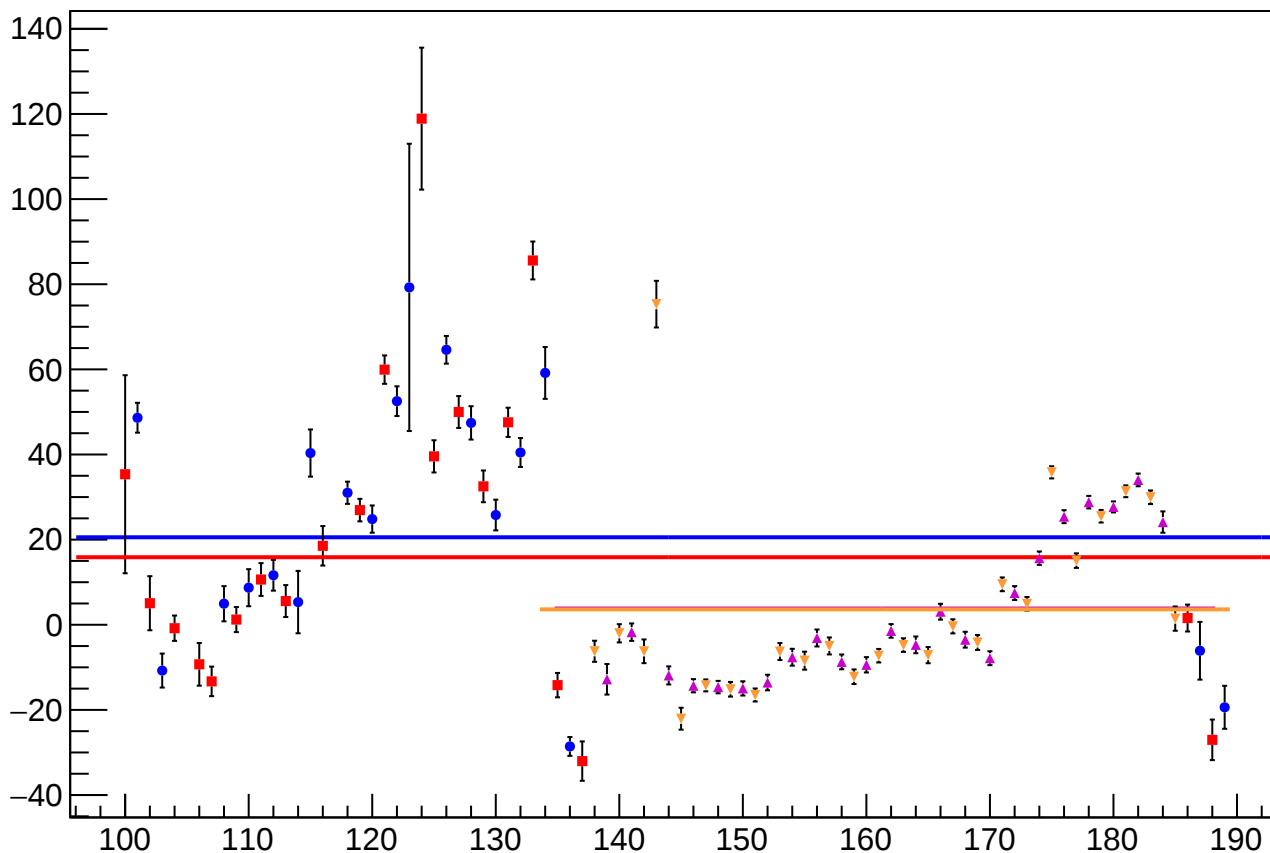
Left In: 57.226 $\pm$ 0.398 χ^2 /NDF:1860.6/22

+ sign 65.725 $\pm$ 0.374 χ^2 /NDF: 9966.6/43

All: 67.088 $\pm$ 0.259 χ^2 /NDF: 18286.1/87

- sign 68.346 $\pm$ 0.359 χ^2 /NDF: 8293.9/43

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 20.553 $\pm$ 0.868 χ^2 /NDF: 1153.1/18

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

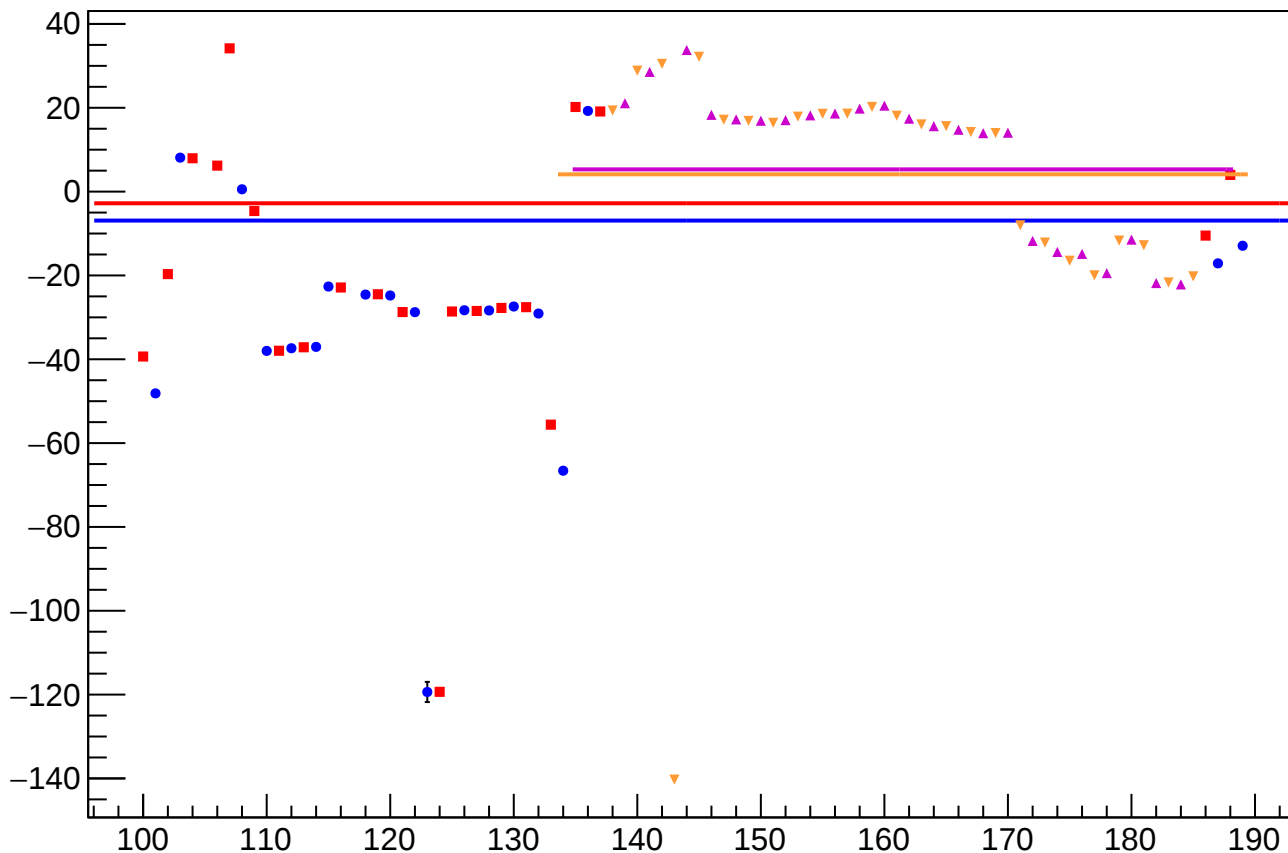
Left In: 3.812 $\pm$ 0.361 χ^2 /NDF: 2203.5/22

+ sign 6.060 $\pm$ 0.330 χ^2 /NDF: 3979.8/43

All: 5.899 $\pm$ 0.234 χ^2 /NDF: 7549.2/87

- sign 5.737 $\pm$ 0.331 χ^2 /NDF: 3569.0/43

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.908 ± 0.045 χ^2/NDF : 267383.1/18

Left Out: 4.121 ± 0.016 χ^2/NDF : 1340176.5/24

Right Out: -2.787 ± 0.044 χ^2/NDF : 268402.9/20

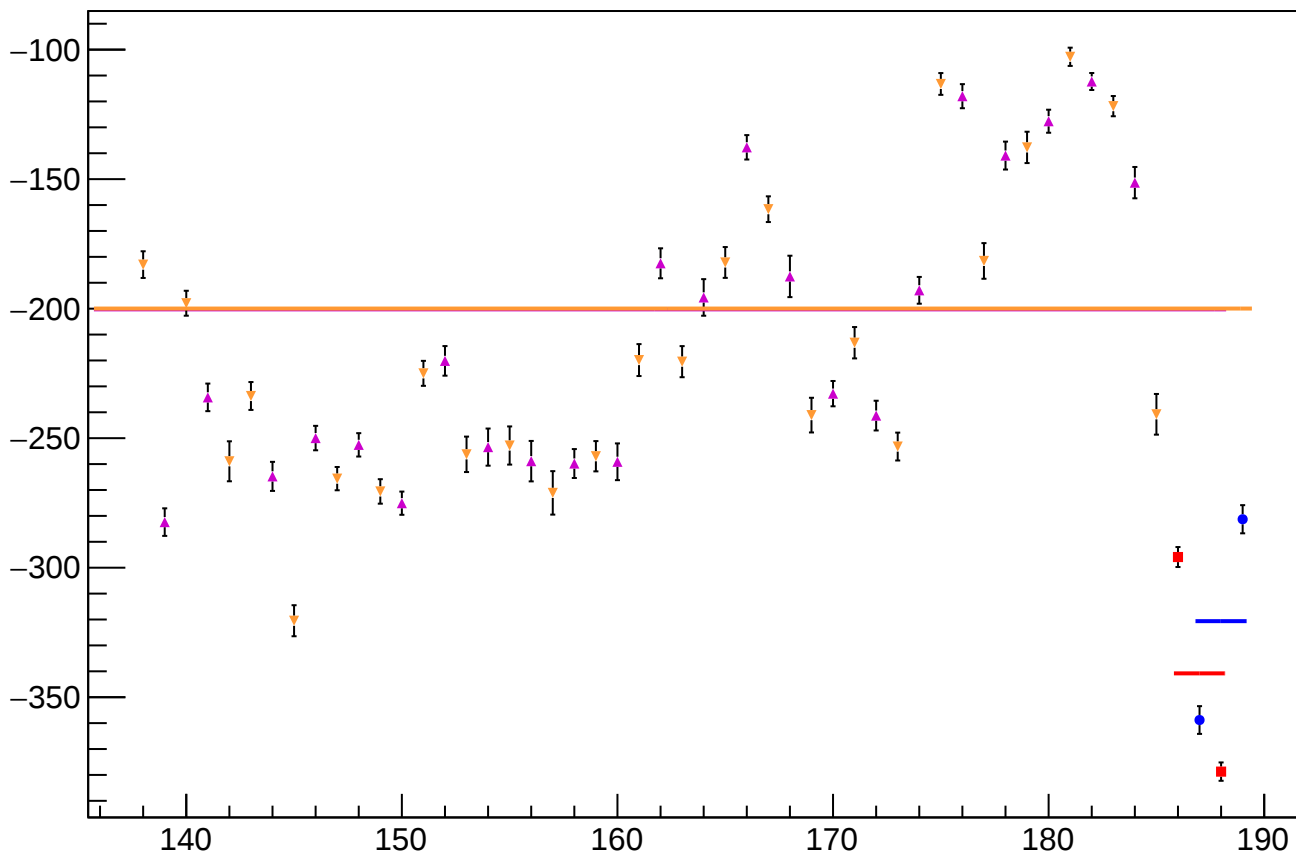
Left In: 5.305 ± 0.016 χ^2/NDF : 1089610.2/22

+ sign 2.823 ± 0.015 χ^2/NDF : 1660979.9/43

All: 3.573 ± 0.011 χ^2/NDF : 3053604.3/87

- sign 4.318 ± 0.015 χ^2/NDF : 1387880.7/43

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -320.636 ± 3.816 χ^2/NDF : 103.1/1

Left Out: -199.957 ± 1.082 χ^2/NDF : 3220.5/24

Right Out: -340.795 ± 2.609 χ^2/NDF : 250.3/1

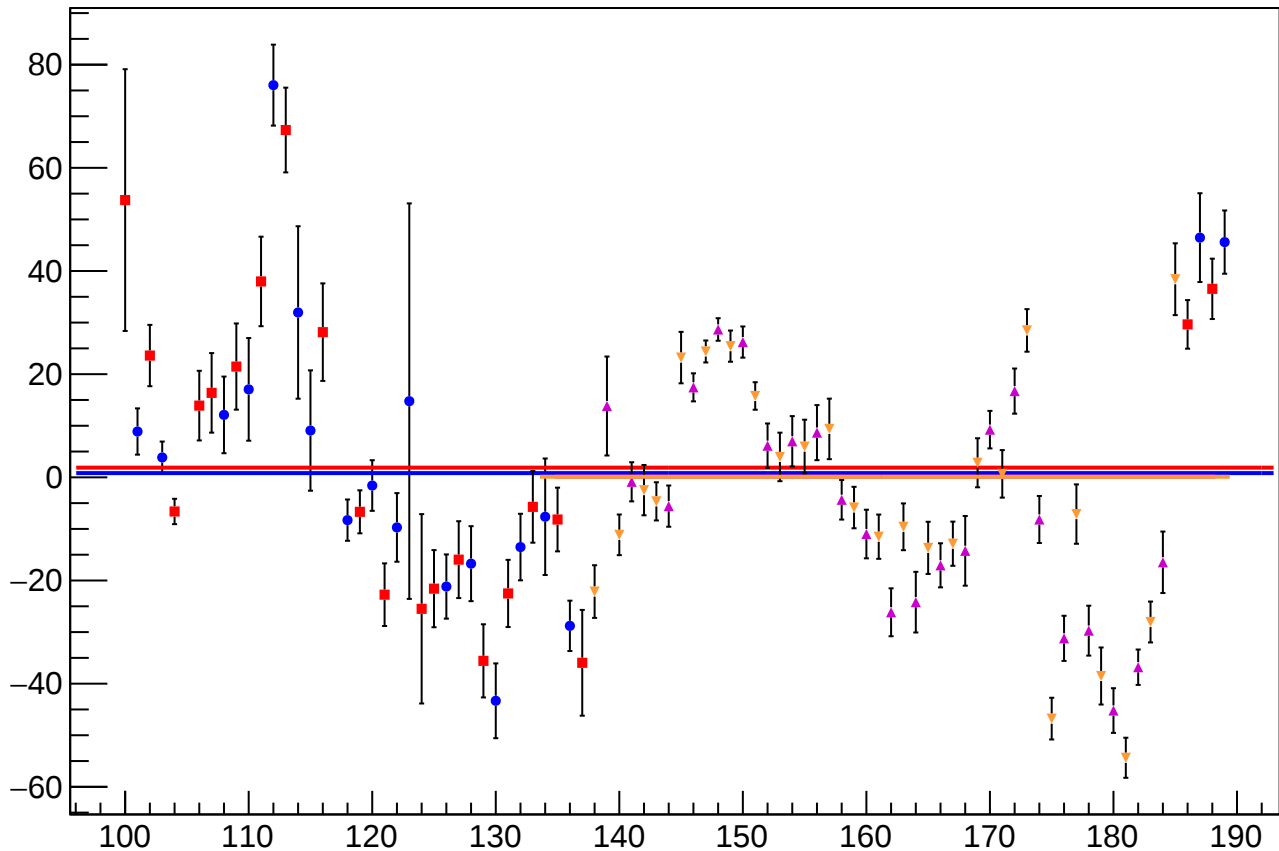
Left In: -200.276 ± 1.093 χ^2/NDF : 3013.8/22

+ sign -208.931 ± 1.041 χ^2/NDF : 4249.5/26

All: -215.296 ± 0.724 χ^2/NDF : 10054.1/51

- sign -221.272 ± 1.008 χ^2/NDF : 5732.0/24

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 0.820 ± 1.393 χ^2/NDF : 292.2/18

Left Out: 0.116 ± 0.810 χ^2/NDF : 830.1/24

Right Out: 1.880 ± 1.307 χ^2/NDF : 298.0/20

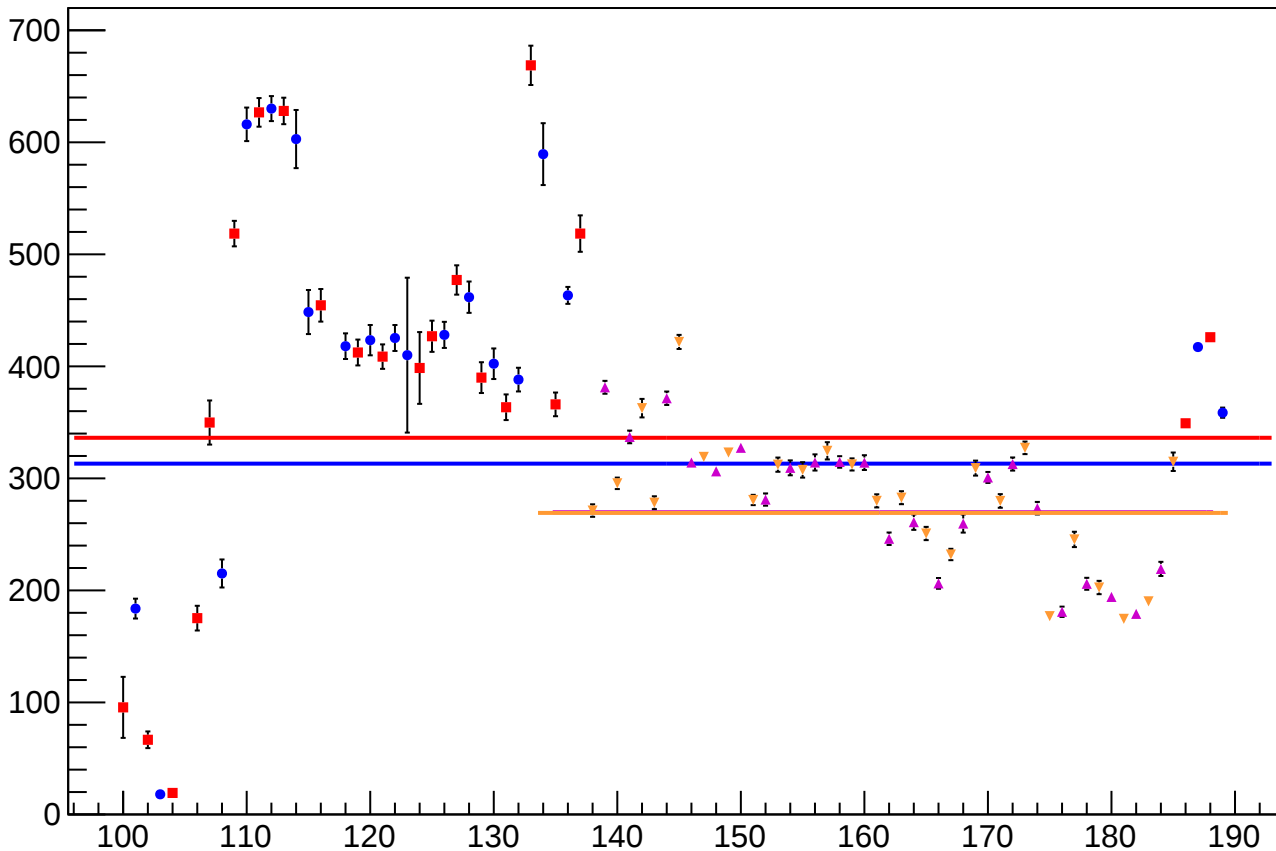
Left In: 0.153 ± 0.836 χ^2/NDF : 719.6/22

+ sign 0.294 ± 0.701 χ^2/NDF : 1122.5/43

All: 0.473 ± 0.497 χ^2/NDF : 2141.5/87

- sign 0.655 ± 0.704 χ^2/NDF : 1018.8/43

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 313.159 ± 1.950 χ^2/NDF : 8675.8/18

Left Out: 269.181 ± 1.081 χ^2/NDF : 3148.5/24

Right Out: 336.241 ± 1.594 χ^2/NDF : 10136.6/20

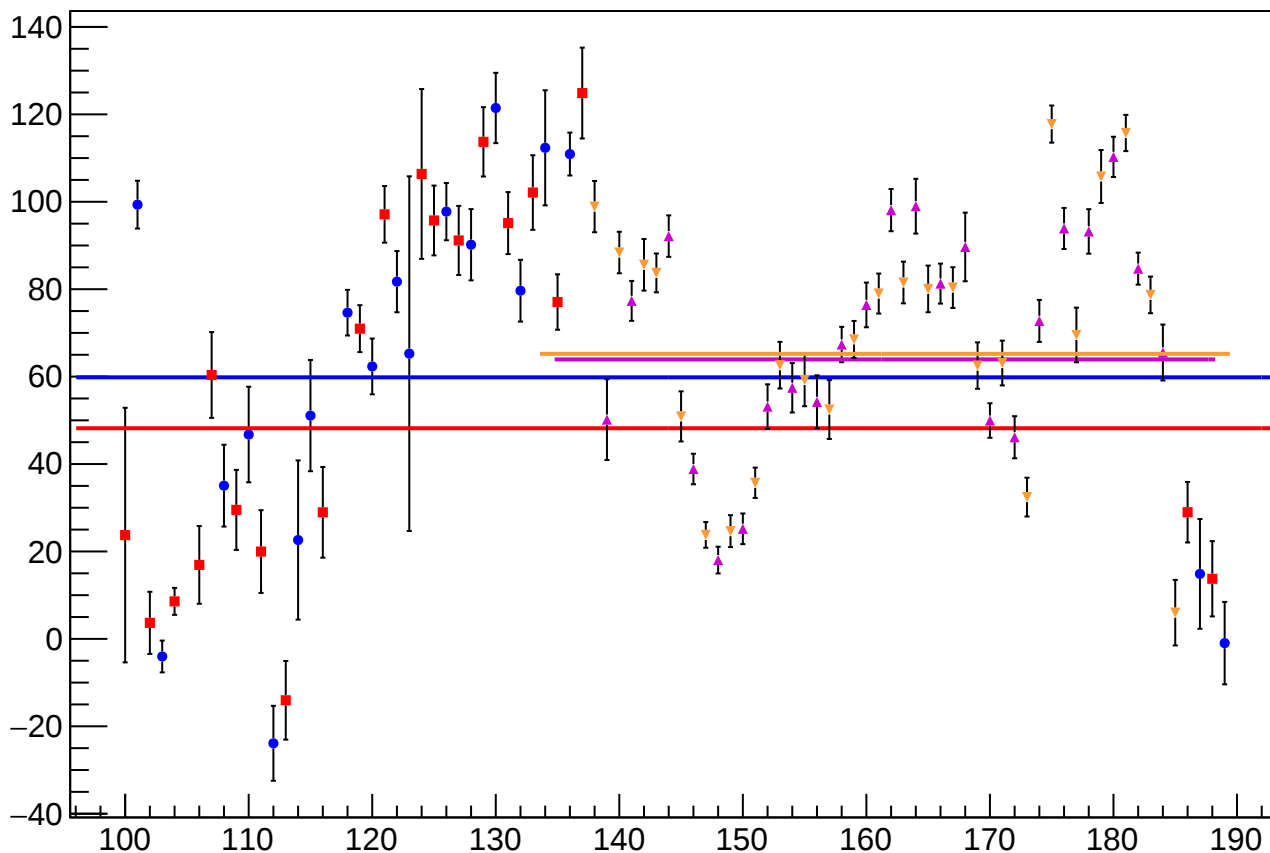
Left In: 269.798 ± 1.087 χ^2/NDF : 3234.9/22

+ sign 279.520 ± 0.945 χ^2/NDF : 12213.5/43

All: 285.501 ± 0.651 χ^2/NDF : 26847.7/87

- sign 290.898 ± 0.898 χ^2/NDF : 14558.0/43

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 59.837 $\pm$ 1.638 χ^2/NDF : 779.5/18

Left Out: 65.214 $\pm$ 0.938 χ^2/NDF :1005.7/24

Right Out: 48.189 $\pm$ 1.572 χ^2/NDF : 682.7/20

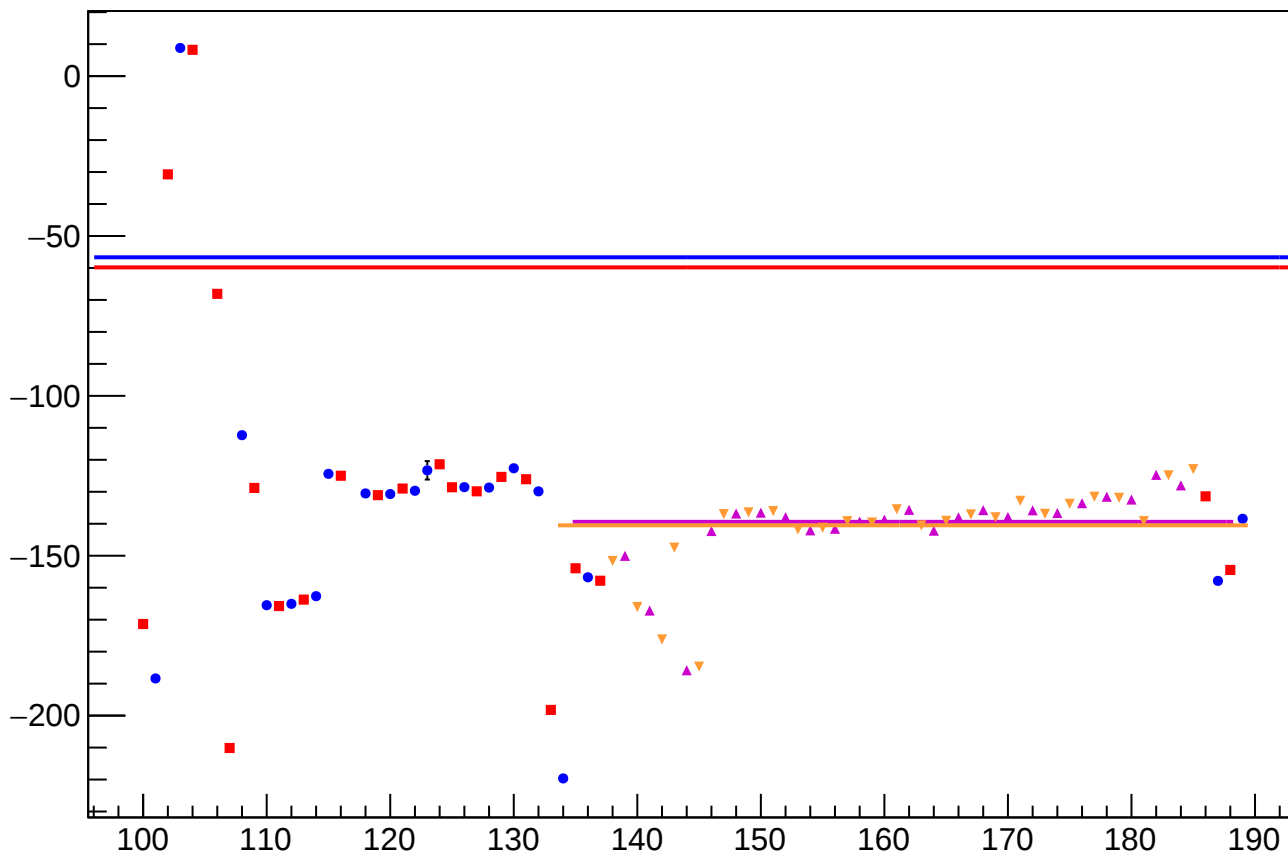
Left In: 63.944 $\pm$ 0.961 χ^2/NDF :803.4/22

+ sign 63.886 $\pm$ 0.814 χ^2/NDF : 1793.3/43

All: 61.788 $\pm$ 0.578 χ^2/NDF : 3365.8/87

- sign 59.661 $\pm$ 0.820 χ^2/NDF : 1559.2/43

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -56.663 ± 0.069 $\chi^2/\text{NDF}: 1287322.1/18$

Left Out: -140.489 ± 0.045 $\chi^2/\text{NDF}: 77350.7/24$

Right Out: -59.814 ± 0.070 $\chi^2/\text{NDF}: 1045573.8/20$

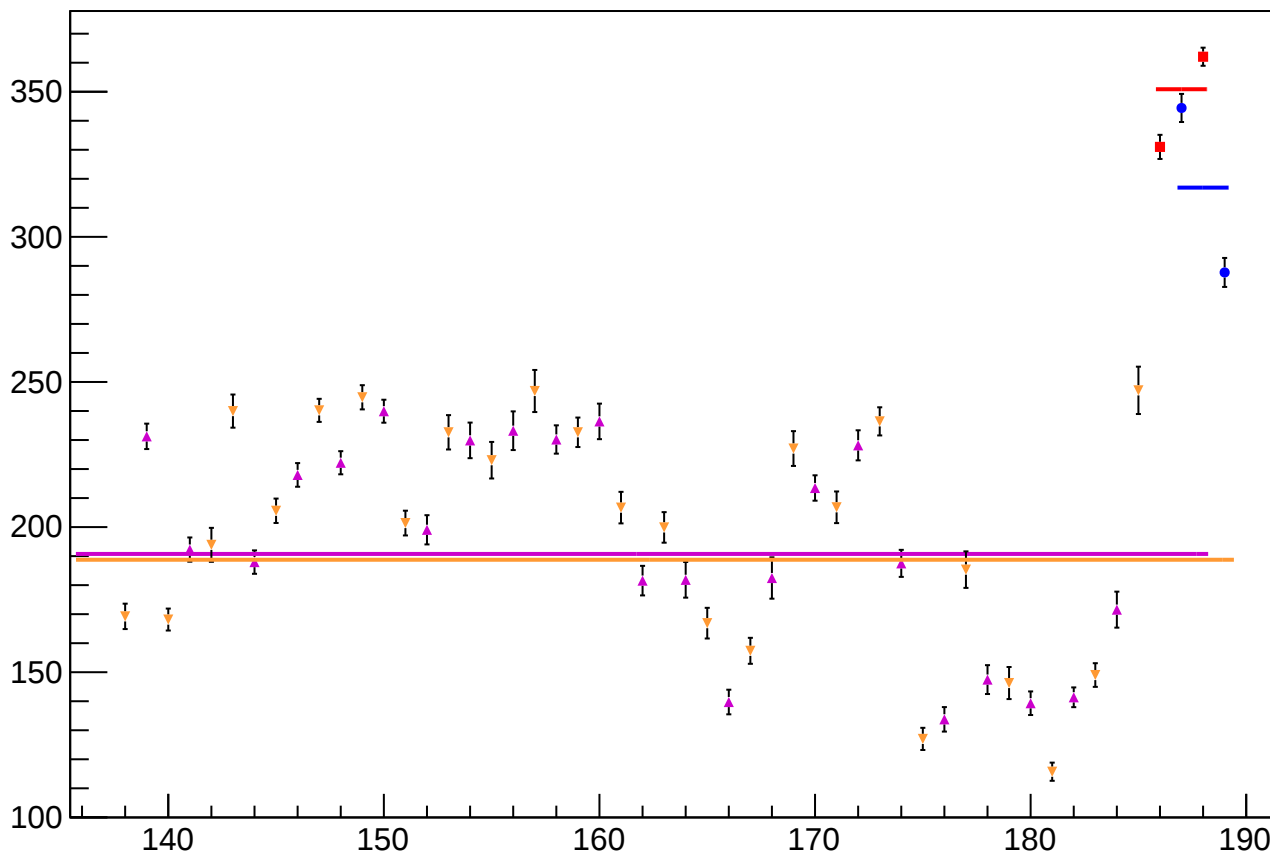
Left In: -139.406 ± 0.045 $\chi^2/\text{NDF}: 62878.4/22$

+ sign -115.744 ± 0.038 $\chi^2/\text{NDF}: 2403175.0/43$

All: -116.032 ± 0.027 $\chi^2/\text{NDF}: 4425603.9/87$

- sign -116.323 ± 0.038 $\chi^2/\text{NDF}: 2022310.6/43$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 316.967 ± 3.476 $\chi^2/\text{NDF}: 66.4/1$

Left Out: 188.749 ± 0.958 $\chi^2/\text{NDF}: 1968.6/24$

Right Out: 350.863 ± 2.495 $\chi^2/\text{NDF}: 35.7/1$

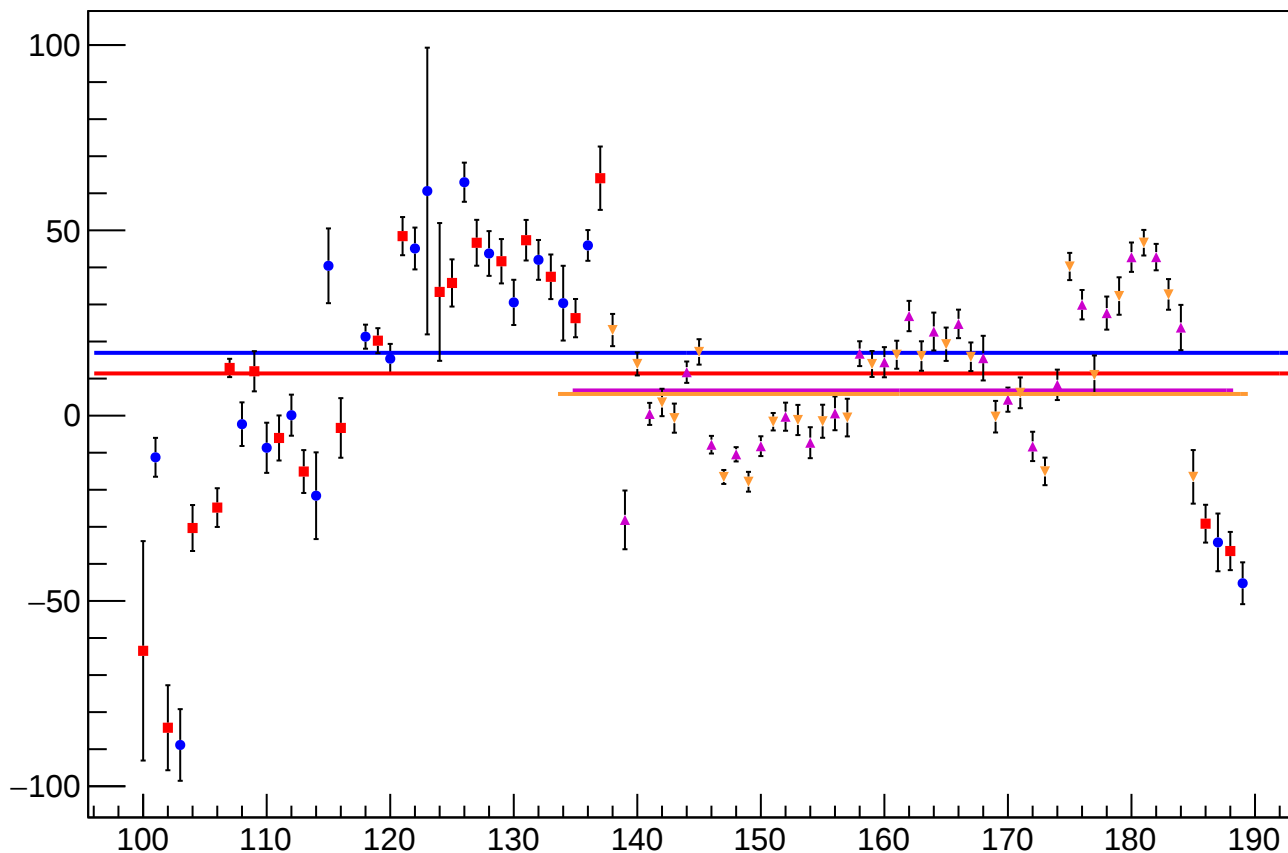
Left In: 190.753 ± 0.971 $\chi^2/\text{NDF}: 1421.8/22$

+ sign 197.802 ± 0.924 $\chi^2/\text{NDF}: 3299.5/26$

All: 204.949 ± 0.646 $\chi^2/\text{NDF}: 8450.2/51$

- sign 211.809 ± 0.905 $\chi^2/\text{NDF}: 5033.3/24$

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 16.947 ± 1.316 $\chi^2/\text{NDF}: 564.8/18$

Left Out: 5.851 ± 0.714 $\chi^2/\text{NDF}: 650.6/24$

Right Out: 11.387 ± 1.164 $\chi^2/\text{NDF}: 592.4/20$

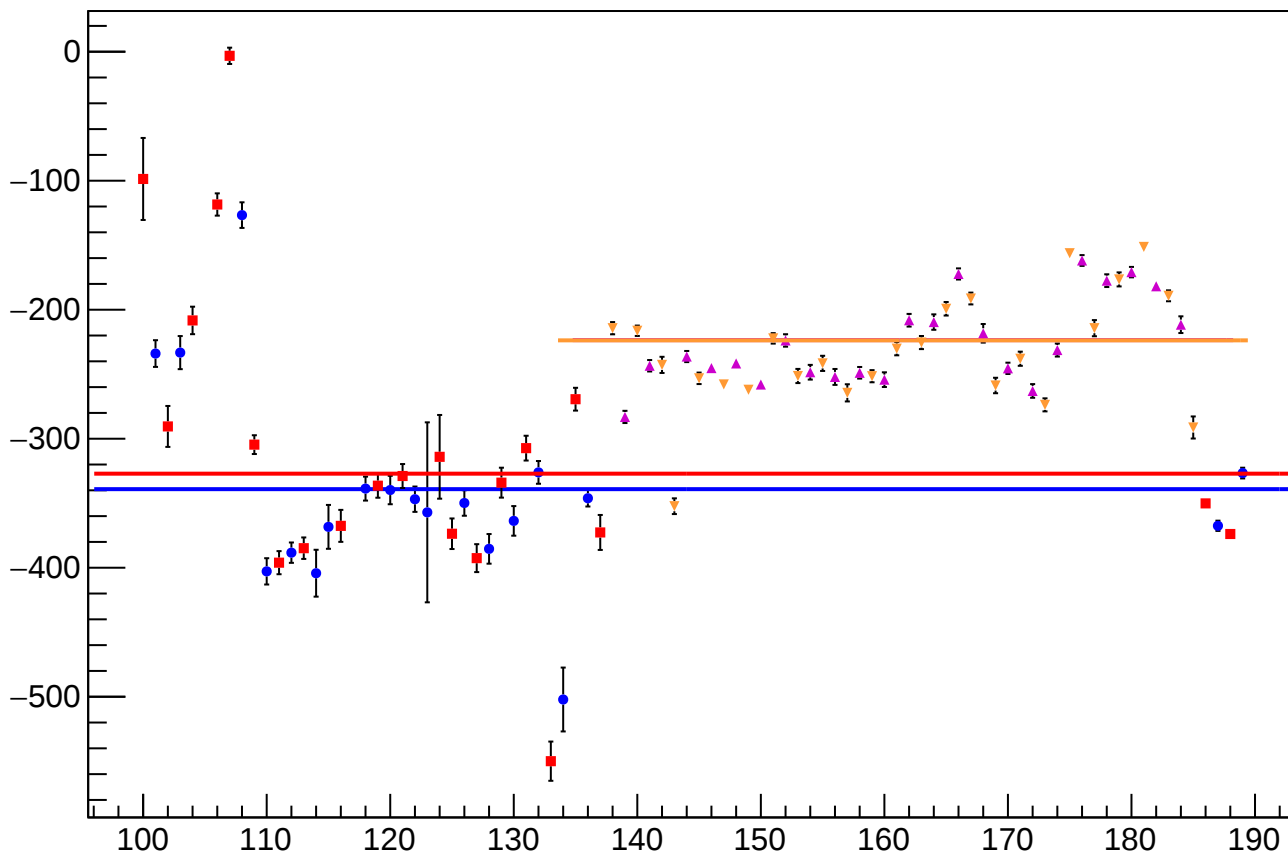
Left In: 6.797 ± 0.735 $\chi^2/\text{NDF}: 525.8/22$

+ sign 8.378 ± 0.628 $\chi^2/\text{NDF}: 1270.3/43$

All: 8.240 ± 0.442 $\chi^2/\text{NDF}: 2399.8/87$

- sign 8.104 ± 0.621 $\chi^2/\text{NDF}: 1129.4/43$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -339.092 ± 1.912 χ^2/NDF : 852.5/18

Left Out: -223.752 ± 0.958 χ^2/NDF : 2021.5/24

Right Out: -327.091 ± 1.518 χ^2/NDF : 4242.4/20

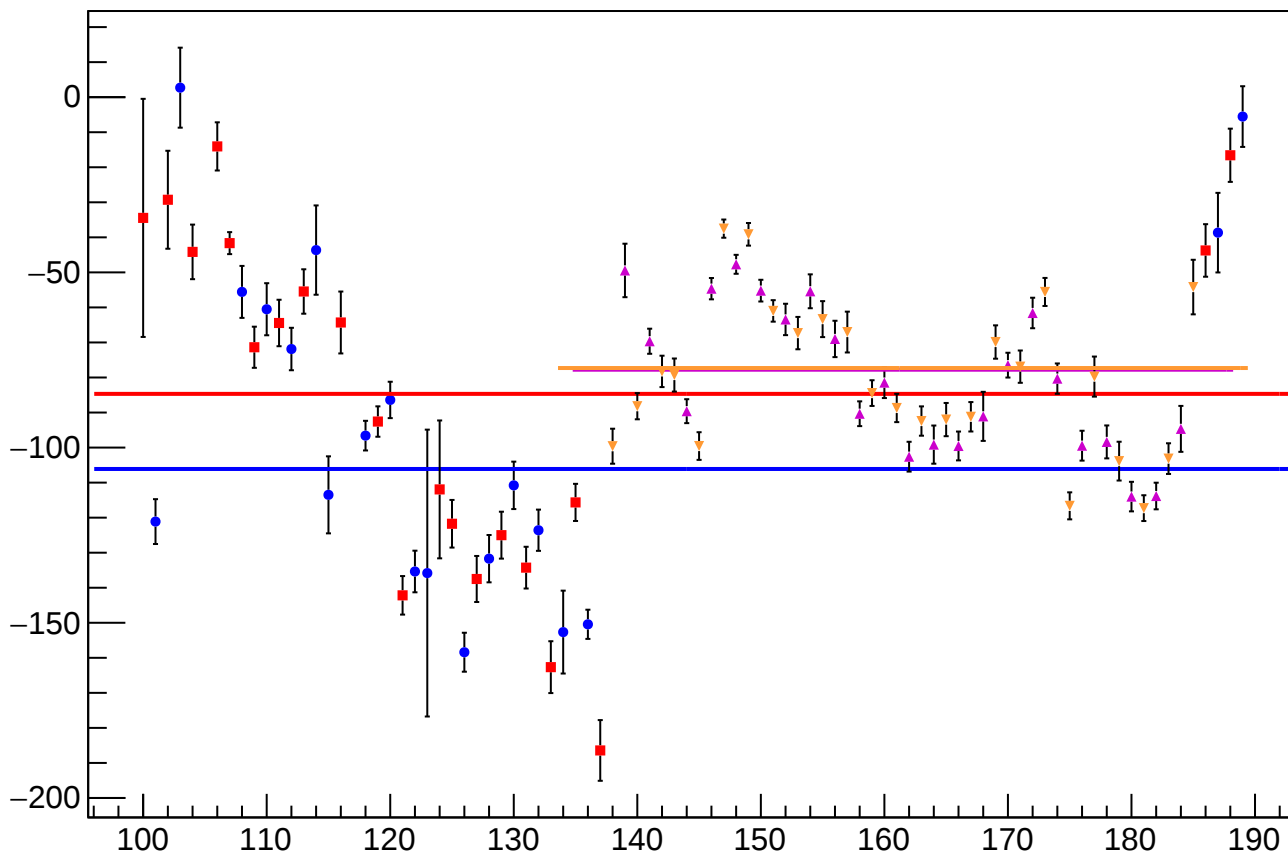
Left In: -223.554 ± 0.966 χ^2/NDF : 1286.5/22

+ sign -246.895 ± 0.856 χ^2/NDF : 5782.8/43

All: -250.302 ± 0.590 χ^2/NDF : 14654.6/87

- sign -253.385 ± 0.815 χ^2/NDF : 8841.6/43

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -106.107 $\pm$ 1.538 χ^2/NDF : 692.2/18

Left Out: -77.296 $\pm$ 0.829 χ^2/NDF :844.6/24

Right Out: -84.673 $\pm$ 1.385 χ^2/NDF : 1087.4/20

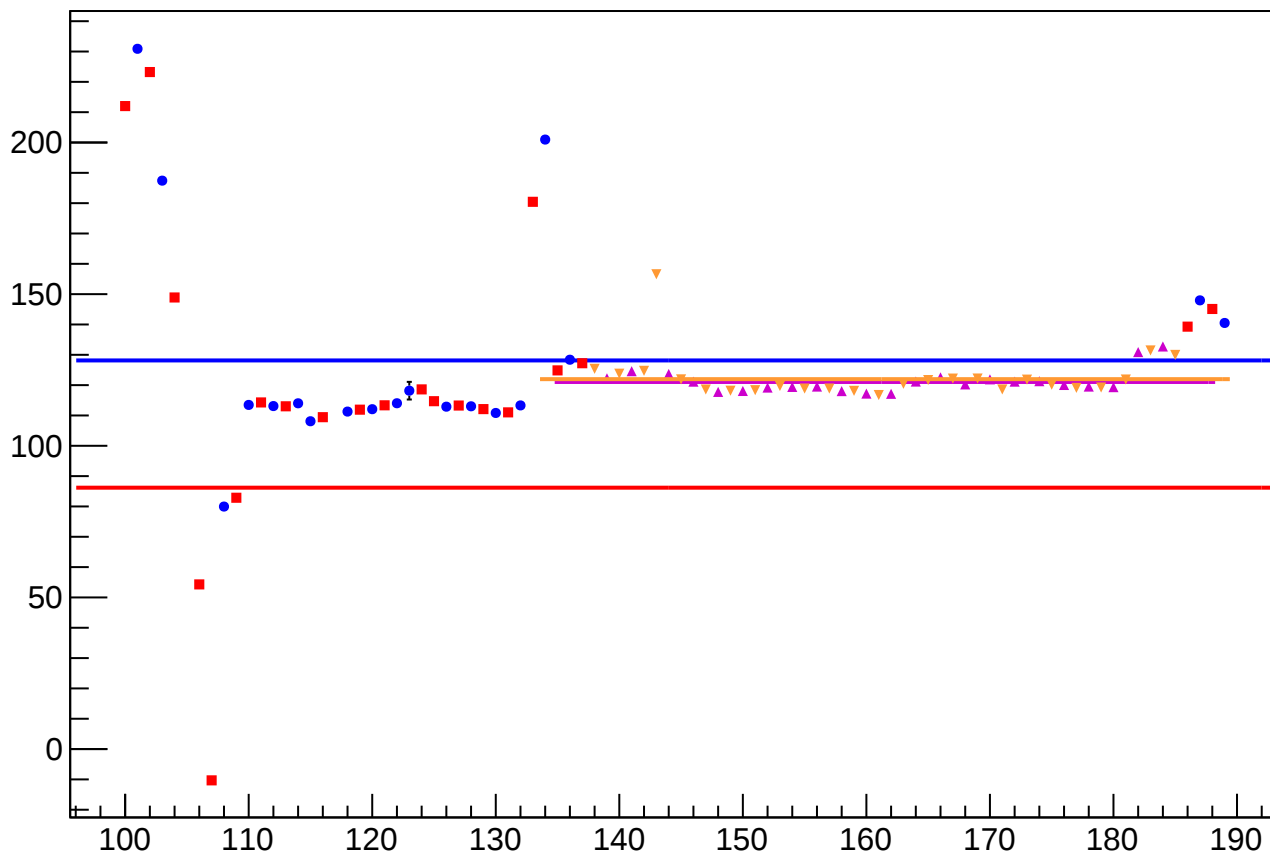
Left In: -77.777 $\pm$ 0.847 χ^2/NDF :624.5/22

+ sign -83.780 $\pm$ 0.730 χ^2/NDF : 1808.8/43

All: -81.696 $\pm$ 0.513 χ^2/NDF : 3554.8/87

- sign -79.652 $\pm$ 0.722 χ^2/NDF : 1729.9/43

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 128.145 $\pm$ 0.086 χ^2 /NDF: 190032.3/18

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

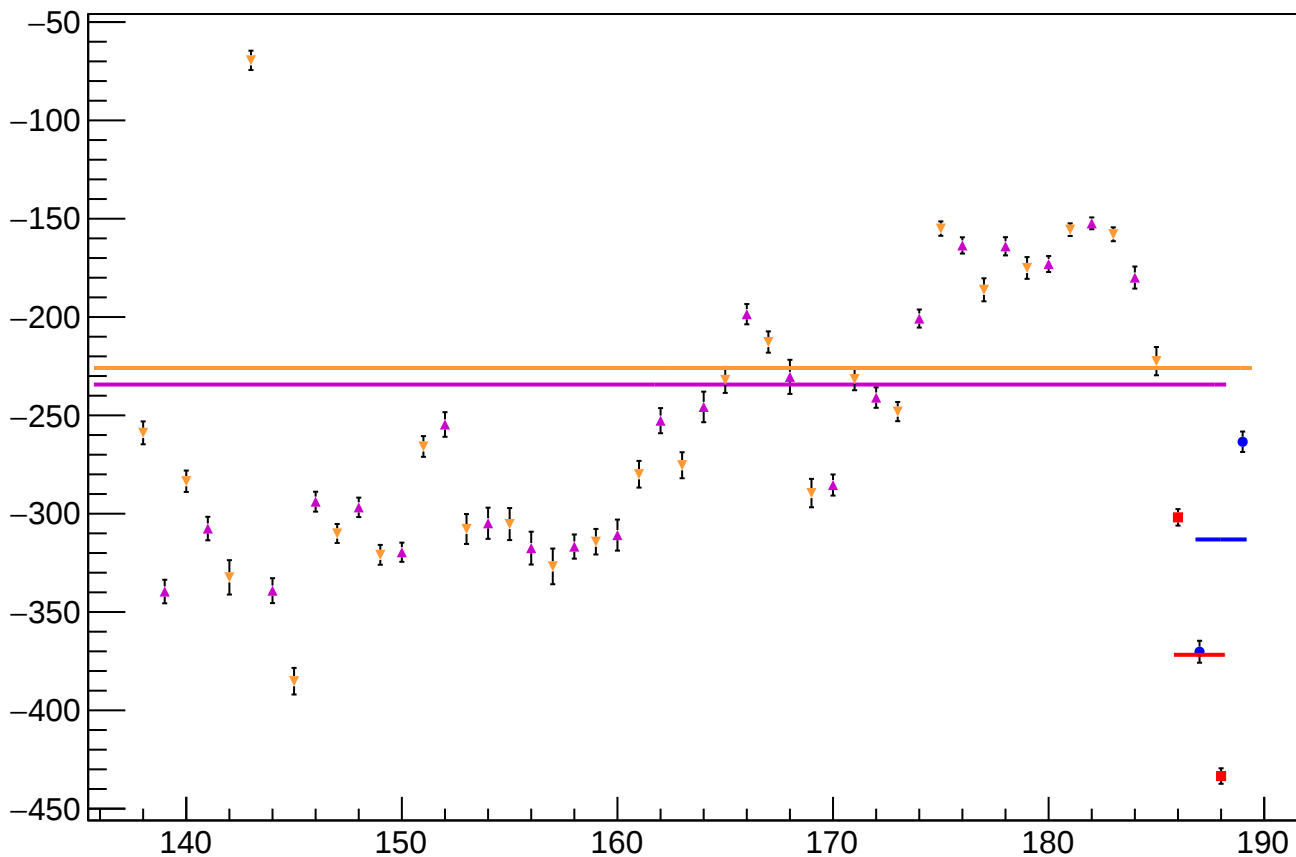
Left In: 121.045 $\pm$ 0.040 χ^2 /NDF:7903.5/22

+ sign 123.043 $\pm$ 0.036 χ^2 /NDF: 221702.3/43

All: 117.940 $\pm$ 0.025 χ^2 /NDF: 1247927.6/87

- sign 113.147 $\pm$ 0.035 χ^2 /NDF: 987040.8/43

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -313.109+/-3.809 χ^2/NDF : 195.5/1

Left Out: -225.905+/-1.083 χ^2/NDF : 4669.2/24

Right Out: -371.762+/-2.878 χ^2/NDF : 520.3/1

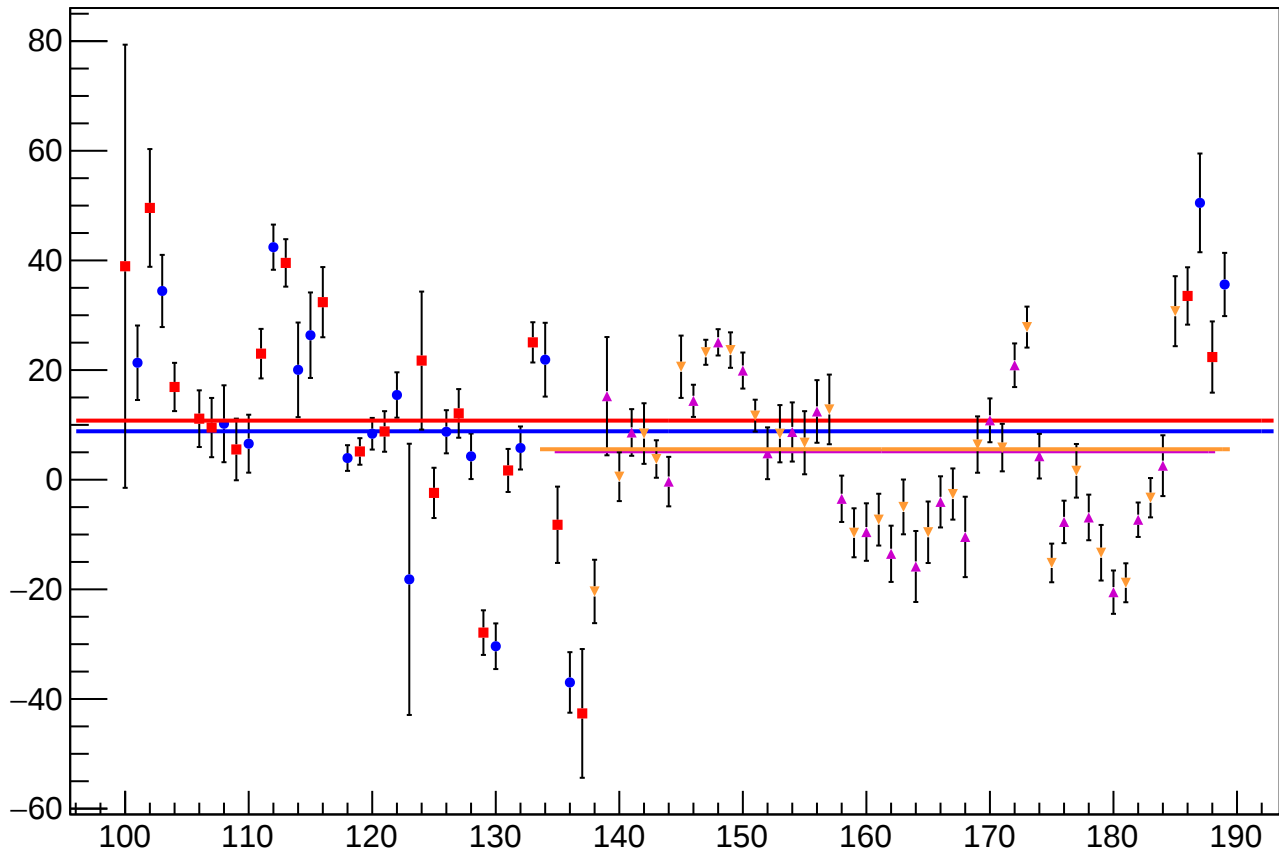
Left In: -234.328+/-1.104 χ^2/NDF : 3591.9/22

+ sign -232.433+/-1.042 χ^2/NDF : 5349.7/26

All: -242.306+/-0.733 χ^2/NDF : 11627.5/51

- sign -251.967+/-1.031 χ^2/NDF : 6100.3/24

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 8.833 ± 1.058 χ^2/NDF : 306.1/18

Left Out: 5.558 ± 0.832 χ^2/NDF : 313.4/24

Right Out: 10.781 ± 1.039 χ^2/NDF : 255.0/20

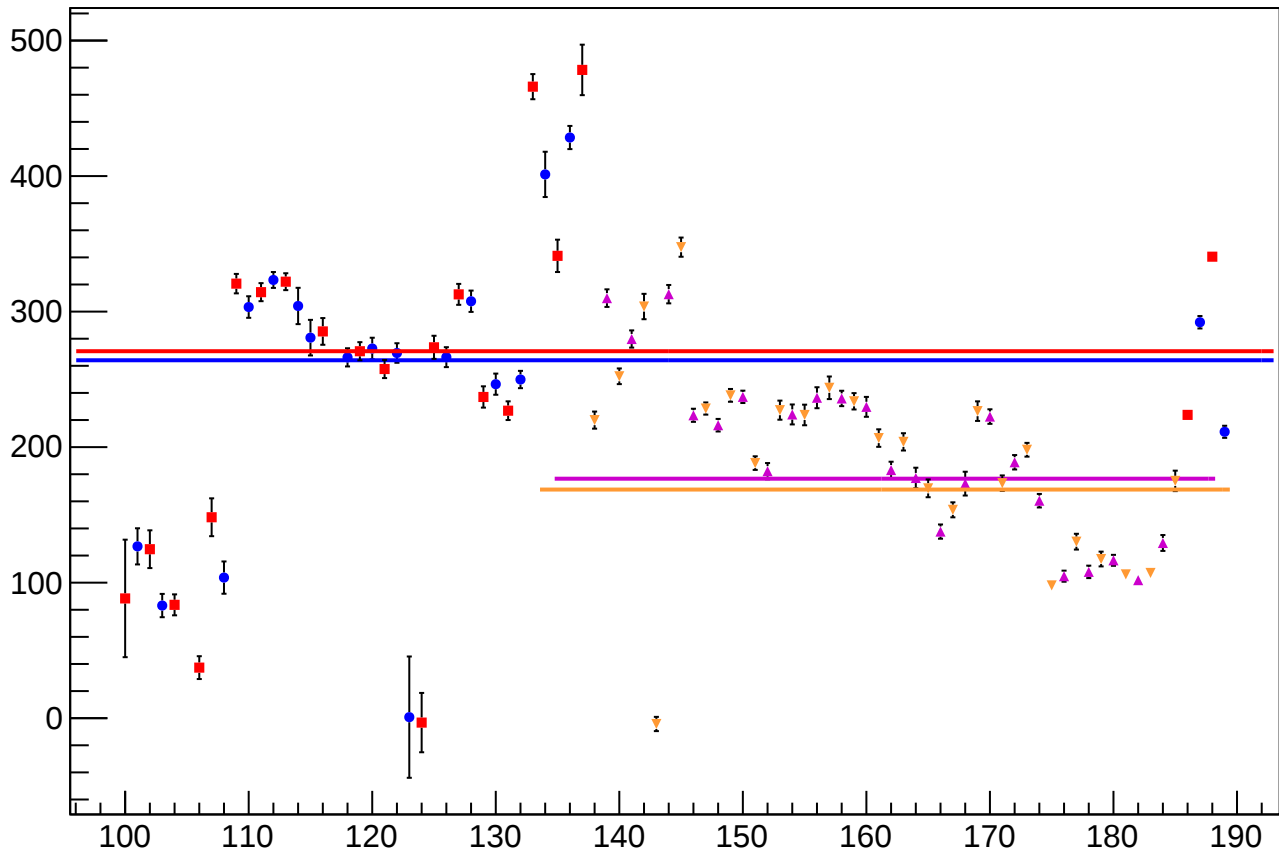
Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

+ sign 6.810 ± 0.654 χ^2/NDF : 625.4/43

All: 7.140 ± 0.466 χ^2/NDF : 1141.2/87

- sign 7.481 ± 0.665 χ^2/NDF : 515.3/43

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 264.095 $\pm$ 1.739 χ^2 /NDF: 1558.7/18

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

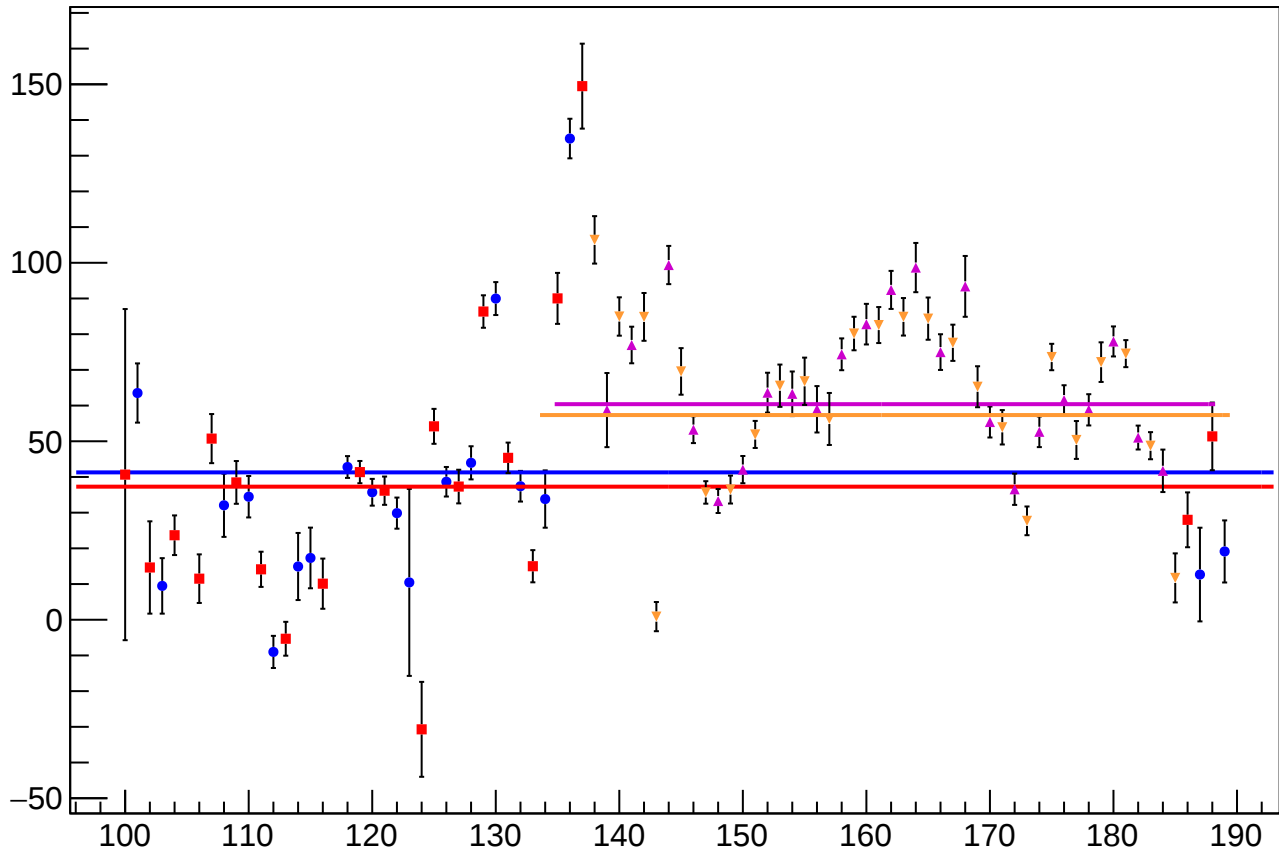
Left In: 176.711 $\pm$ 1.102 χ^2 /NDF: 3234.3/22

+ sign 195.486 $\pm$ 0.921 χ^2 /NDF: 7961.8/43

All: 202.789 $\pm$ 0.640 χ^2 /NDF: 17108.2/87

- sign 209.584 $\pm$ 0.889 χ^2 /NDF: 9025.1/43

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 41.283 ± 1.237 $\chi^2/\text{NDF}: 587.1/18$

Left Out: 57.343 ± 0.956 $\chi^2/\text{NDF}: 641.5/24$

Right Out: 37.283 ± 1.211 $\chi^2/\text{NDF}: 476.3/20$

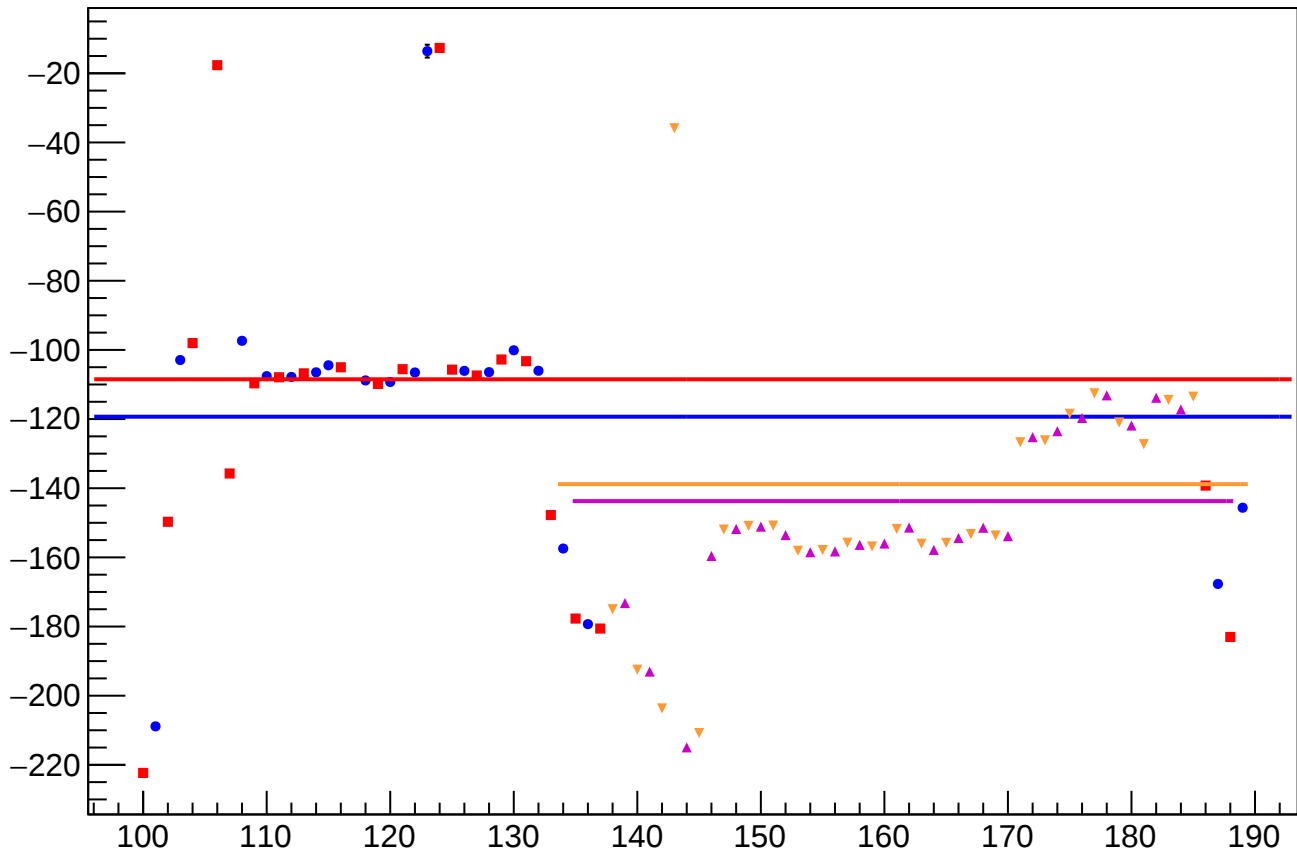
Left In: 60.392 ± 0.987 $\chi^2/\text{NDF}: 341.2/22$

+ sign 51.336 ± 0.756 $\chi^2/\text{NDF}: 1334.1/43$

All: 51.254 ± 0.538 $\chi^2/\text{NDF}: 2370.4/87$

- sign 51.170 ± 0.765 $\chi^2/\text{NDF}: 1036.2/43$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -119.315+/-0.076 χ^2/NDF : 152285.2/18

Left Out: -138.821+/-0.045 χ^2/NDF : 525537.6/24

Right Out: -108.493+/-0.071 χ^2/NDF : 357531.5/20

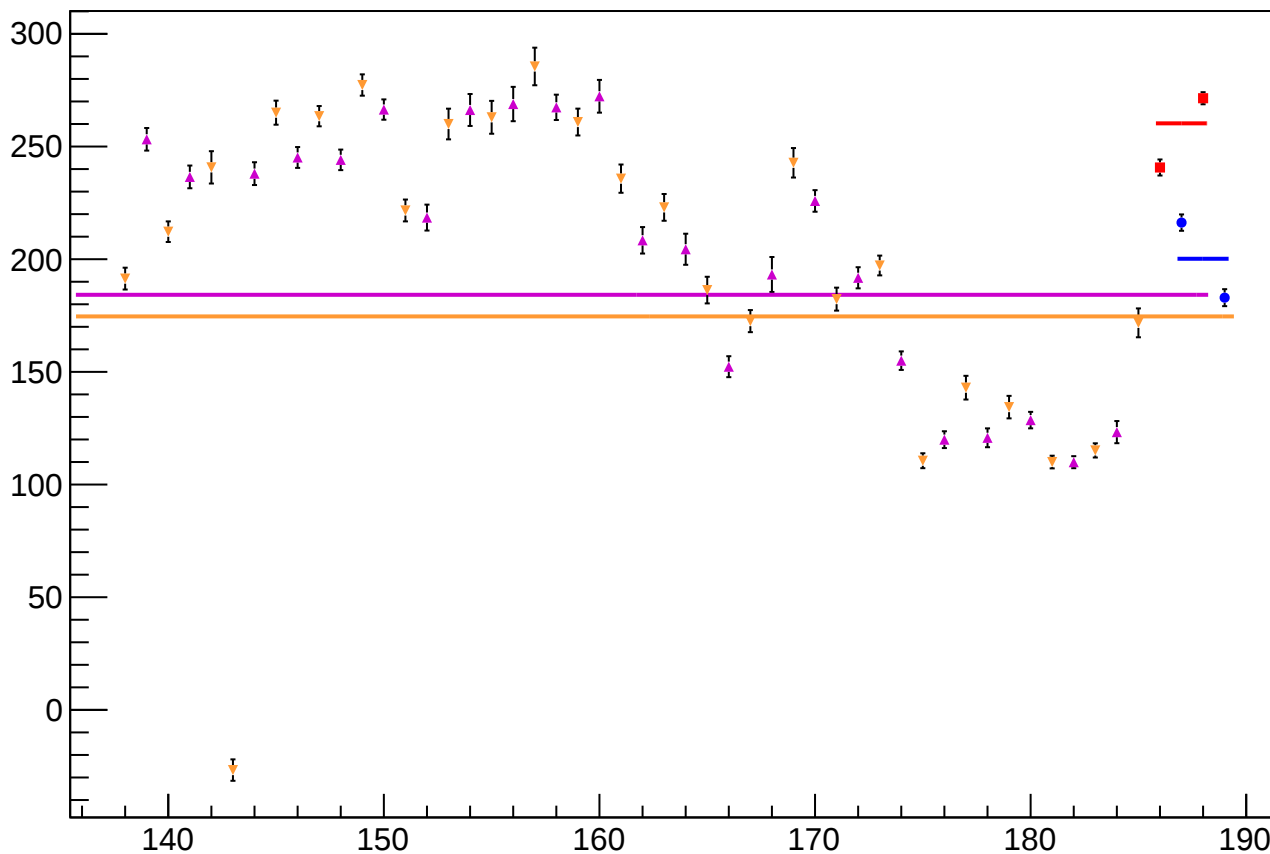
Left In: -143.726+/-0.046 χ^2/NDF : 260994.5/22

+ sign -133.687+/-0.039 χ^2/NDF : 726616.3/43

All: -133.532+/-0.027 χ^2/NDF : 1518156.0/87

- sign -133.379+/-0.039 χ^2/NDF : 791508.1/43

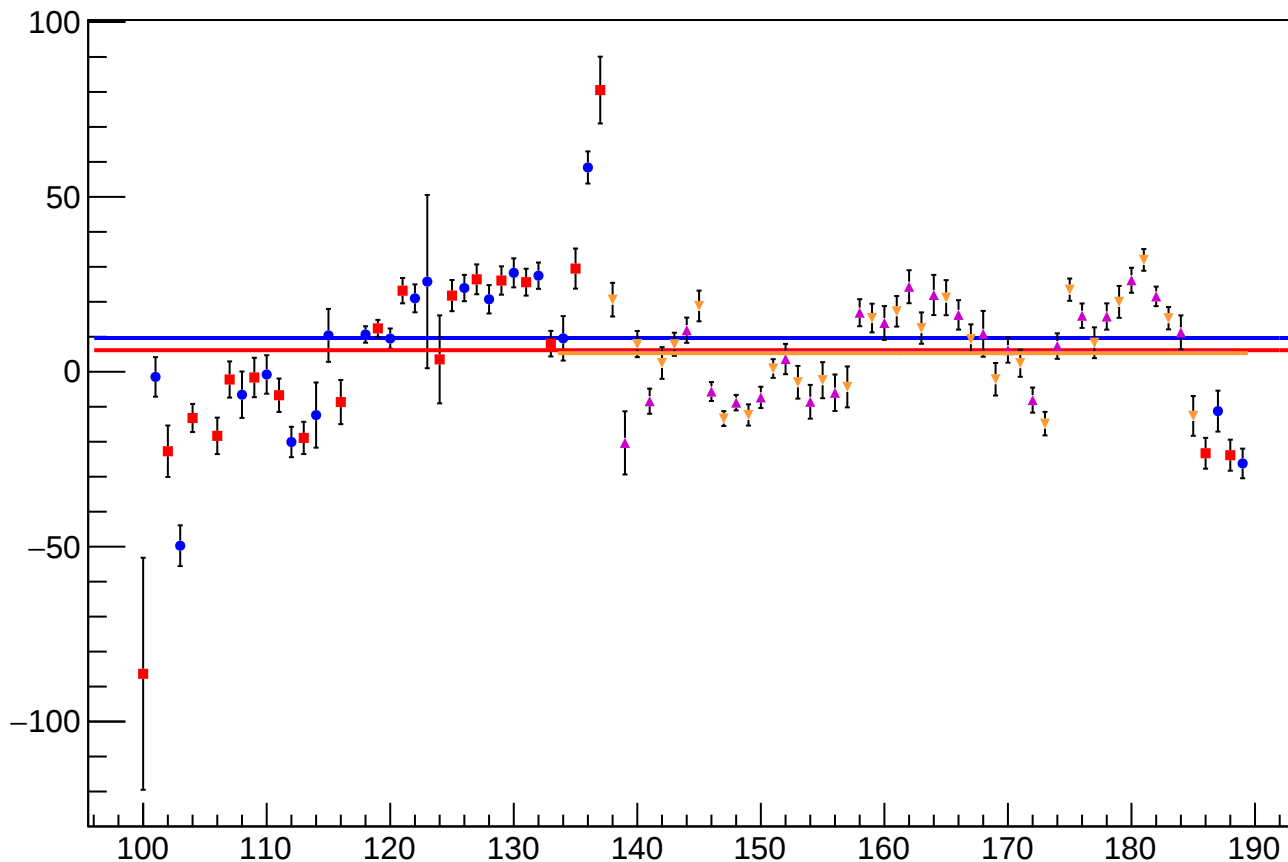
reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 200.197 $\pm$ 2.614 χ^2/NDF : 40.5/1
 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 177.704 $\pm$ 0.909 χ^2/NDF : 5676.0/26
 All: 187.739 $\pm$ 0.638 χ^2/NDF : 10640.8/51
 - sign 197.508 $\pm$ 0.896 χ^2/NDF : 4724.0/24

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 9.651 ± 1.009 χ^2/NDF : 439.9/18

Left Out: 5.314 ± 0.750 χ^2/NDF : 345.1/24

Right Out: 6.163 ± 0.996 χ^2/NDF : 396.9/20

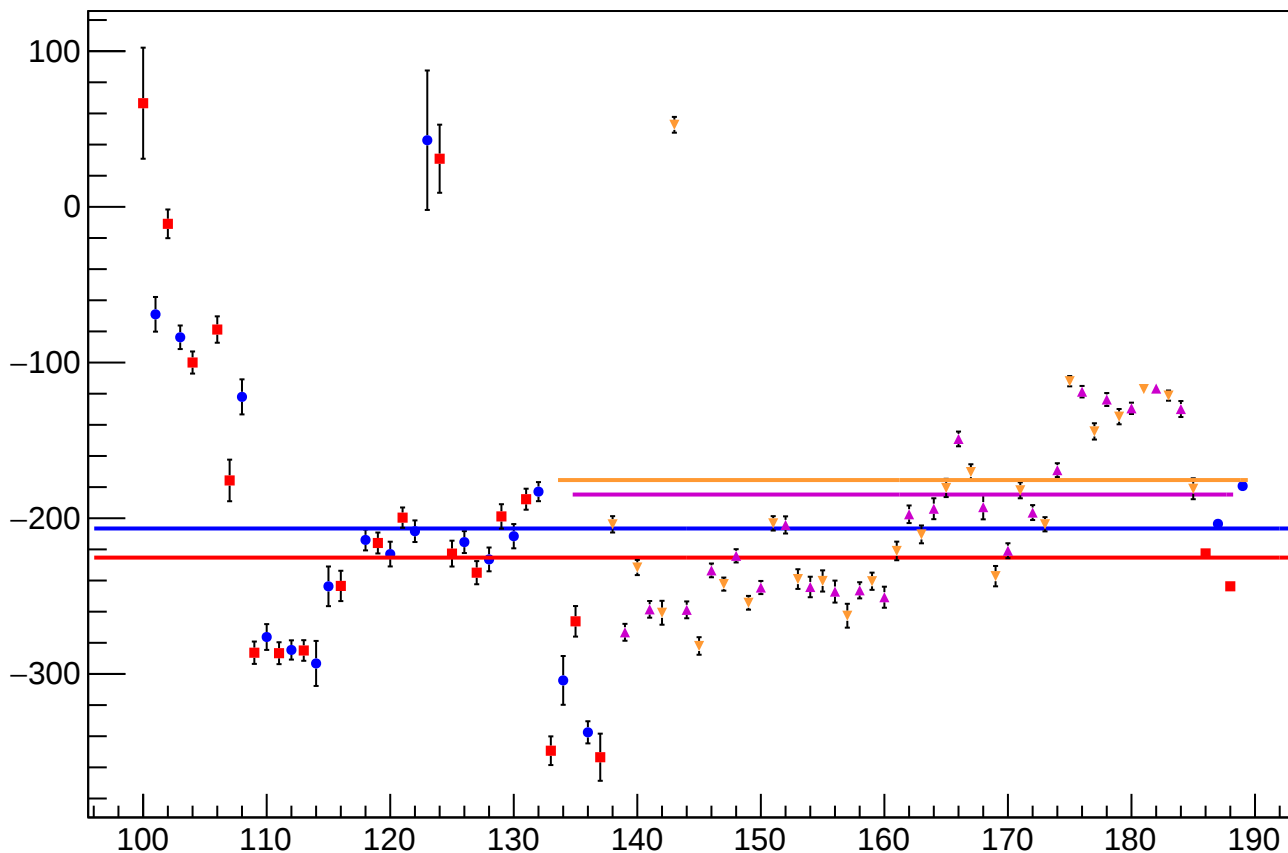
Left In: 5.483 ± 0.779 χ^2/NDF : 259.1/22

+ sign 6.859 ± 0.602 χ^2/NDF : 796.9/43

All: 6.311 ± 0.430 χ^2/NDF : 1454.8/87

- sign 5.741 ± 0.614 χ^2/NDF : 656.3/43

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -206.574 ± 1.473 χ^2/NDF : 1260.1/18

Left Out: -175.470 ± 0.974 χ^2/NDF : 5103.8/24

Right Out: -225.272 ± 1.284 χ^2/NDF : 2007.3/20

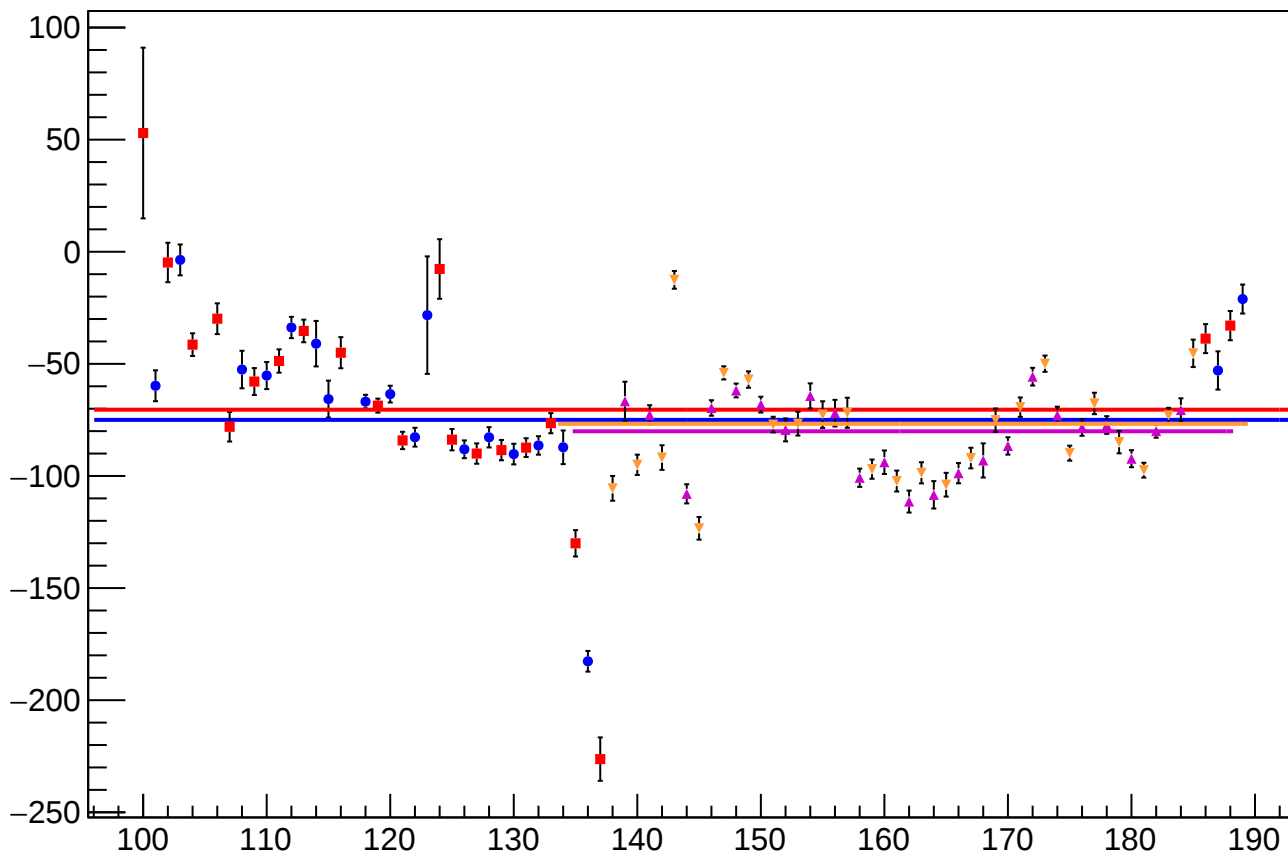
Left In: -184.774 ± 0.987 χ^2/NDF : 3082.4/22

+ sign -184.933 ± 0.812 χ^2/NDF : 6674.2/43

All: -192.654 ± 0.564 χ^2/NDF : 12563.6/87

- sign -199.817 ± 0.782 χ^2/NDF : 5715.2/43

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -74.976 ± 1.187 χ^2/NDF : 897.1/18

Left Out: -76.747 ± 0.861 χ^2/NDF : 746.8/24

Right Out: -70.442 ± 1.169 χ^2/NDF : 733.9/20

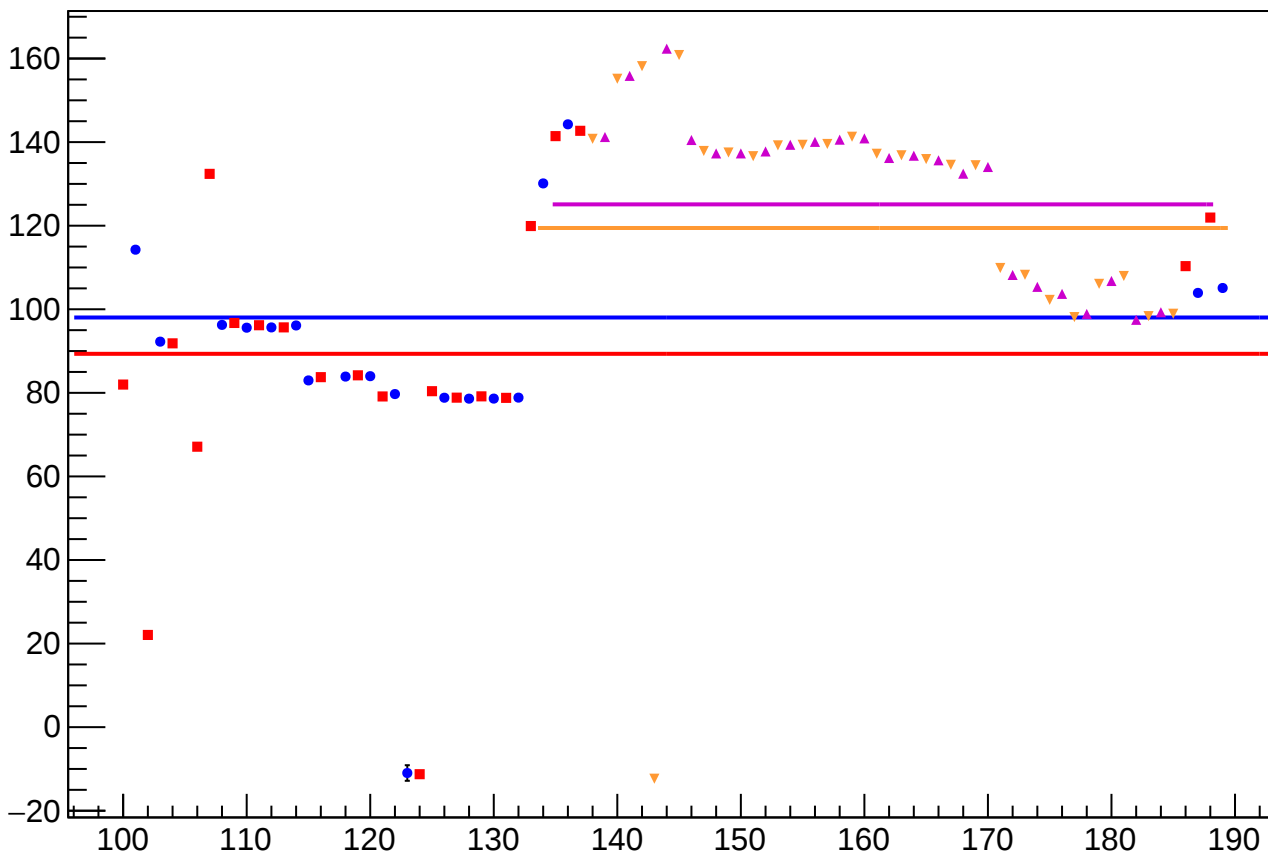
Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

+ sign -76.137 ± 0.697 χ^2/NDF : 1645.3/43

All: -76.342 ± 0.496 χ^2/NDF : 2709.3/87

- sign -76.554 ± 0.706 χ^2/NDF : 1063.8/43

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 98.031 $\pm$ 0.070 χ^2 /NDF: 95270.8/18

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

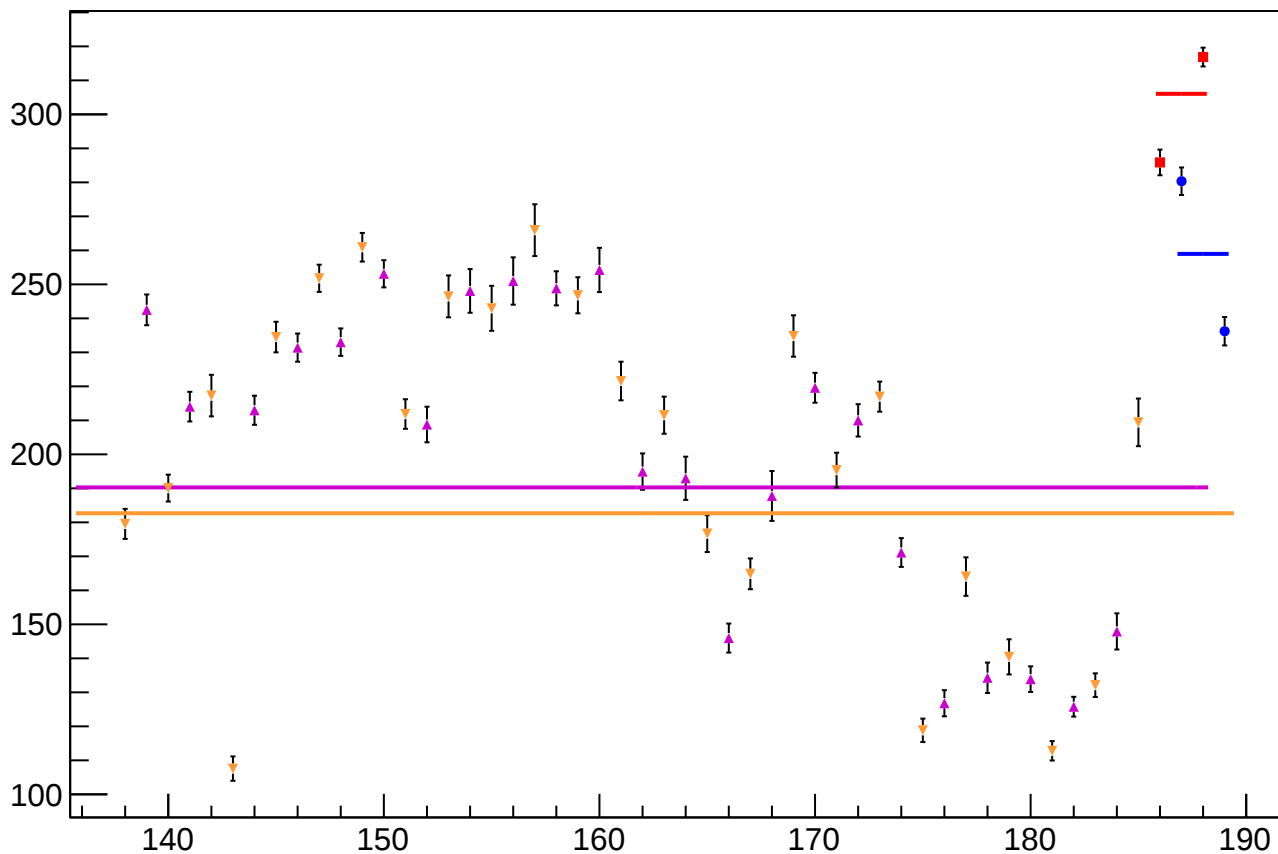
Left In: 125.101 $\pm$ 0.041 χ^2 /NDF: 222793.3/22

+ sign 114.087 $\pm$ 0.035 χ^2 /NDF: 824909.7/43

All: 114.599 $\pm$ 0.025 χ^2 /NDF: 1495552.6/87

- 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: 258.962 ± 2.906 χ^2/NDF : 57.6/1

Left Out: 182.672 ± 0.919 χ^2/NDF : 3230.7/24

Right Out: 306.044 ± 2.226 χ^2/NDF : 44.1/1

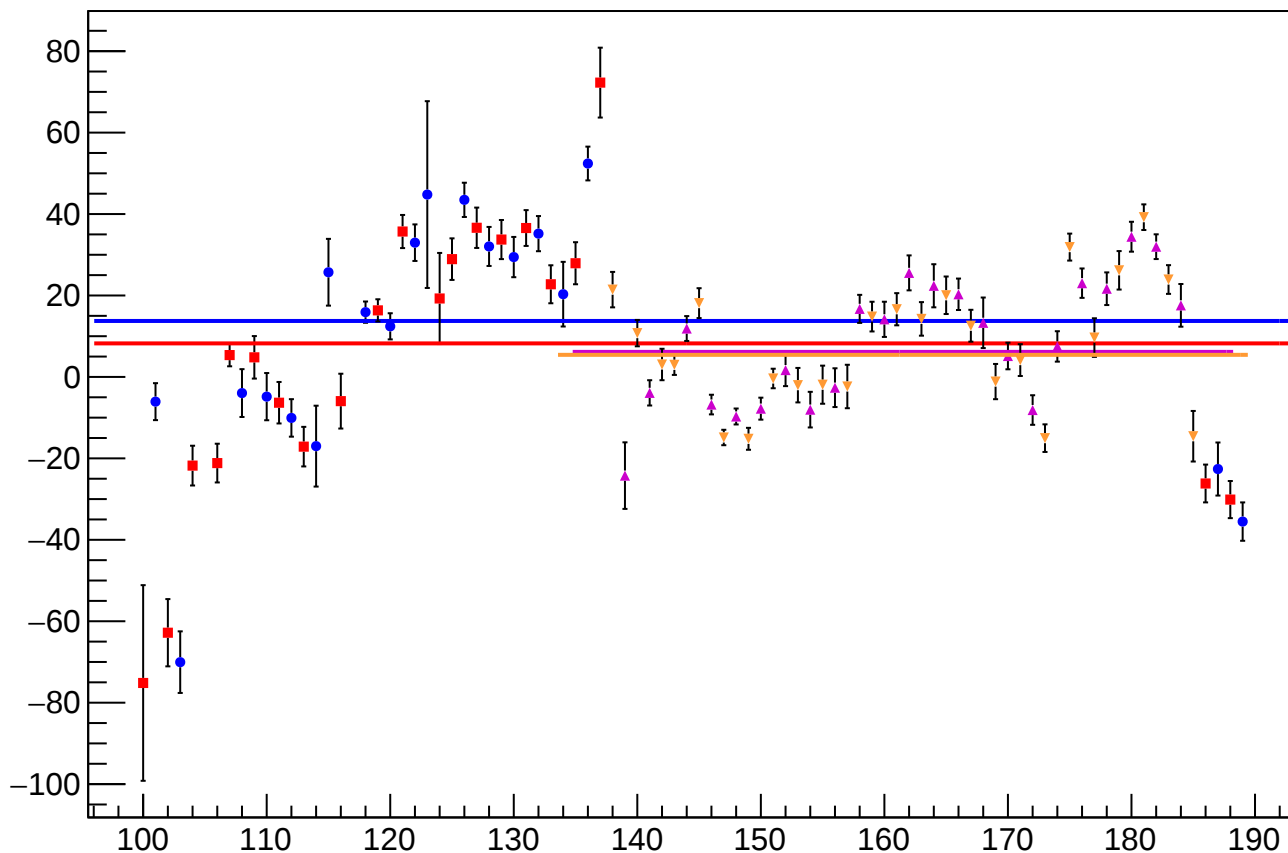
Left In: 190.279 ± 0.949 χ^2/NDF : 2452.9/22

+ sign 189.602 ± 0.876 χ^2/NDF : 3914.9/26

All: 198.873 ± 0.618 χ^2/NDF : 8924.2/51

- sign 208.083 ± 0.873 χ^2/NDF : 4785.9/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 13.744 $\pm$ 1.098 χ^2 /NDF: 548.0/18

Left Out: 5.425 $\pm$ 0.693 χ^2 /NDF: 525.2/24

Right Out: 8.236 $\pm$ 1.030 χ^2 /NDF: 583.4/20

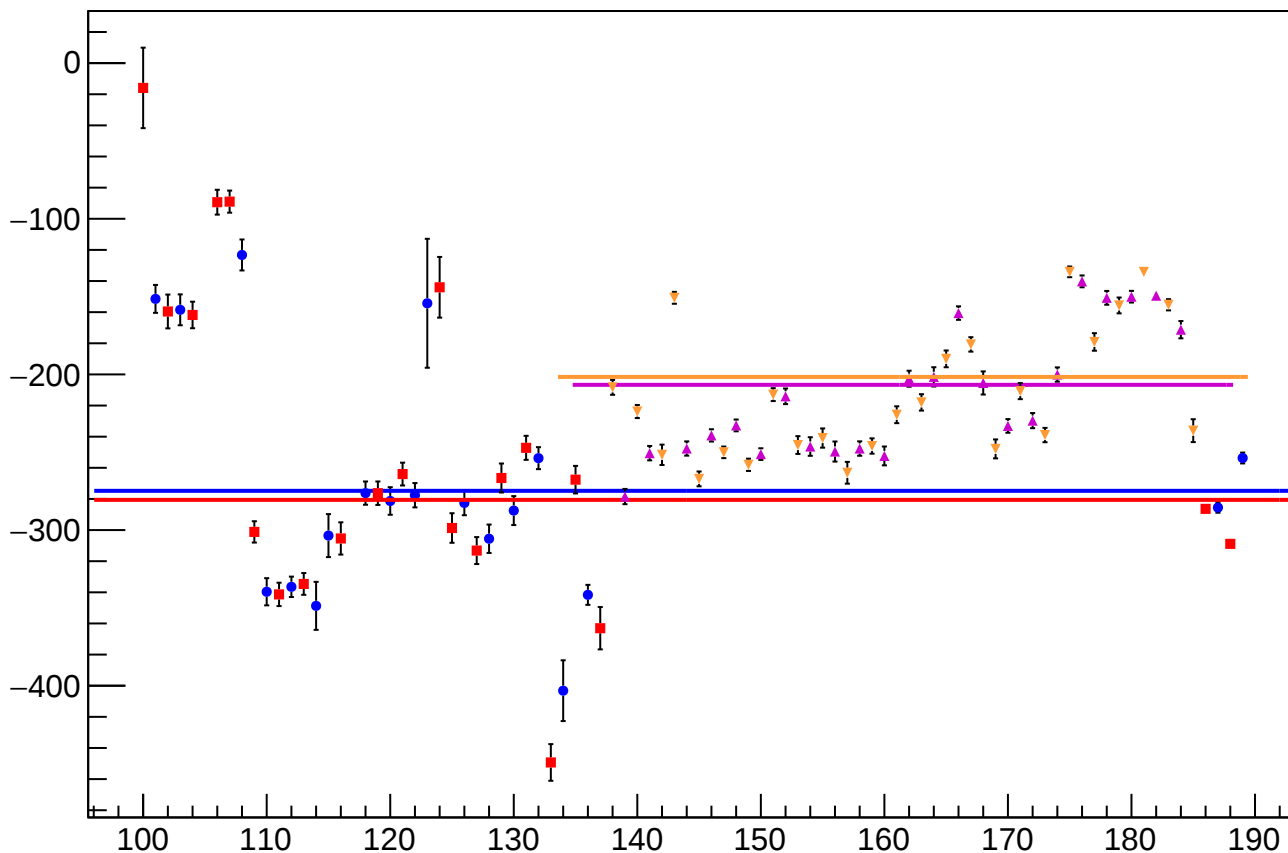
Left In: 6.151 $\pm$ 0.730 χ^2 /NDF: 410.6/22

+ sign 7.793 $\pm$ 0.586 χ^2 /NDF: 1114.3/43

All: 7.328 $\pm$ 0.418 χ^2 /NDF: 2112.2/87

- sign 6.848 $\pm$ 0.596 χ^2 /NDF: 996.7/43

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -274.790 ± 1.610 χ^2/NDF : 960.5/18

Left Out: -201.610 ± 0.922 χ^2/NDF : 2462.4/24

Right Out: -280.601 ± 1.339 χ^2/NDF : 2367.8/20

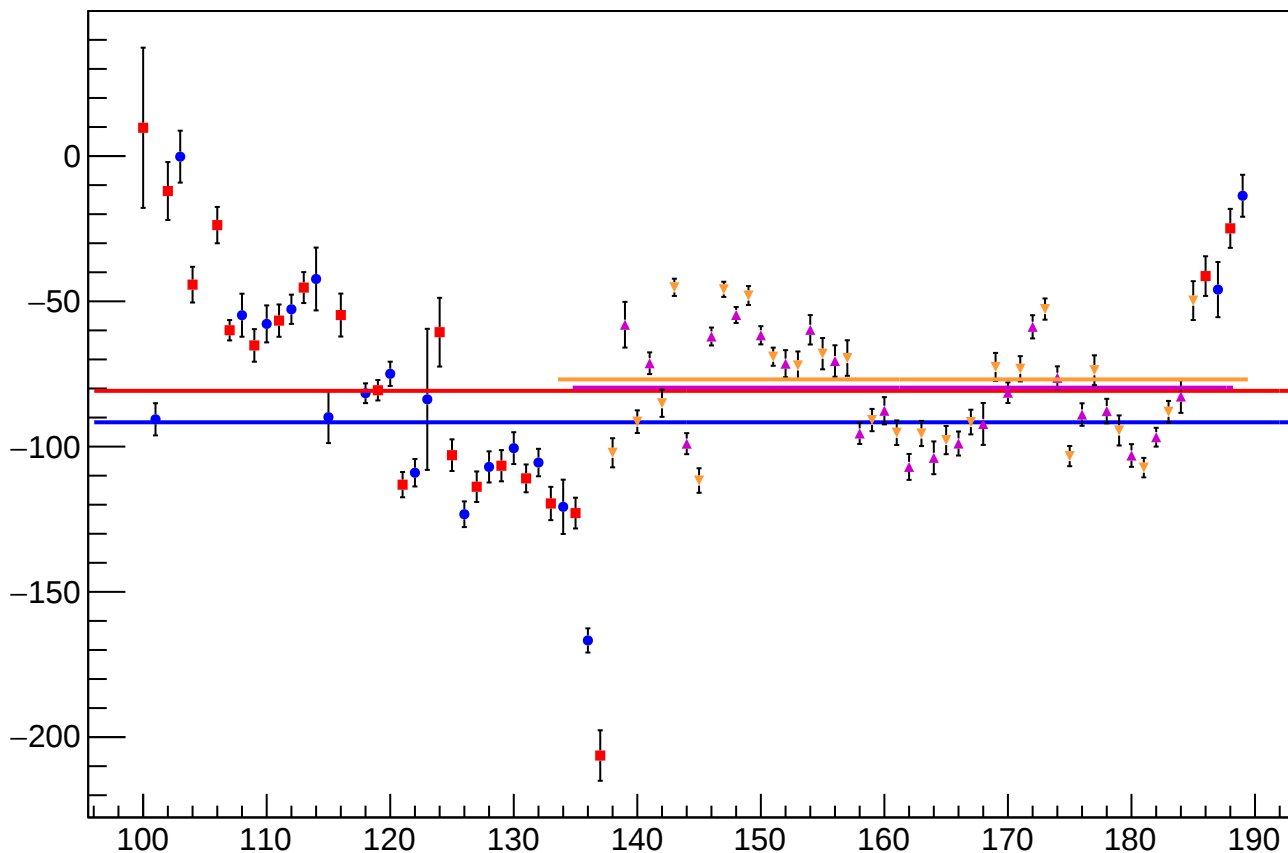
Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

+ sign -219.698 ± 0.800 χ^2/NDF : 4978.5/43

All: -225.708 ± 0.556 χ^2/NDF : 11621.9/87

- 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: -91.636 ± 1.289 χ^2/NDF : 821.5/18

Left Out: -76.870 ± 0.802 χ^2/NDF : 758.7/24

Right Out: -80.812 ± 1.217 χ^2/NDF : 892.8/20

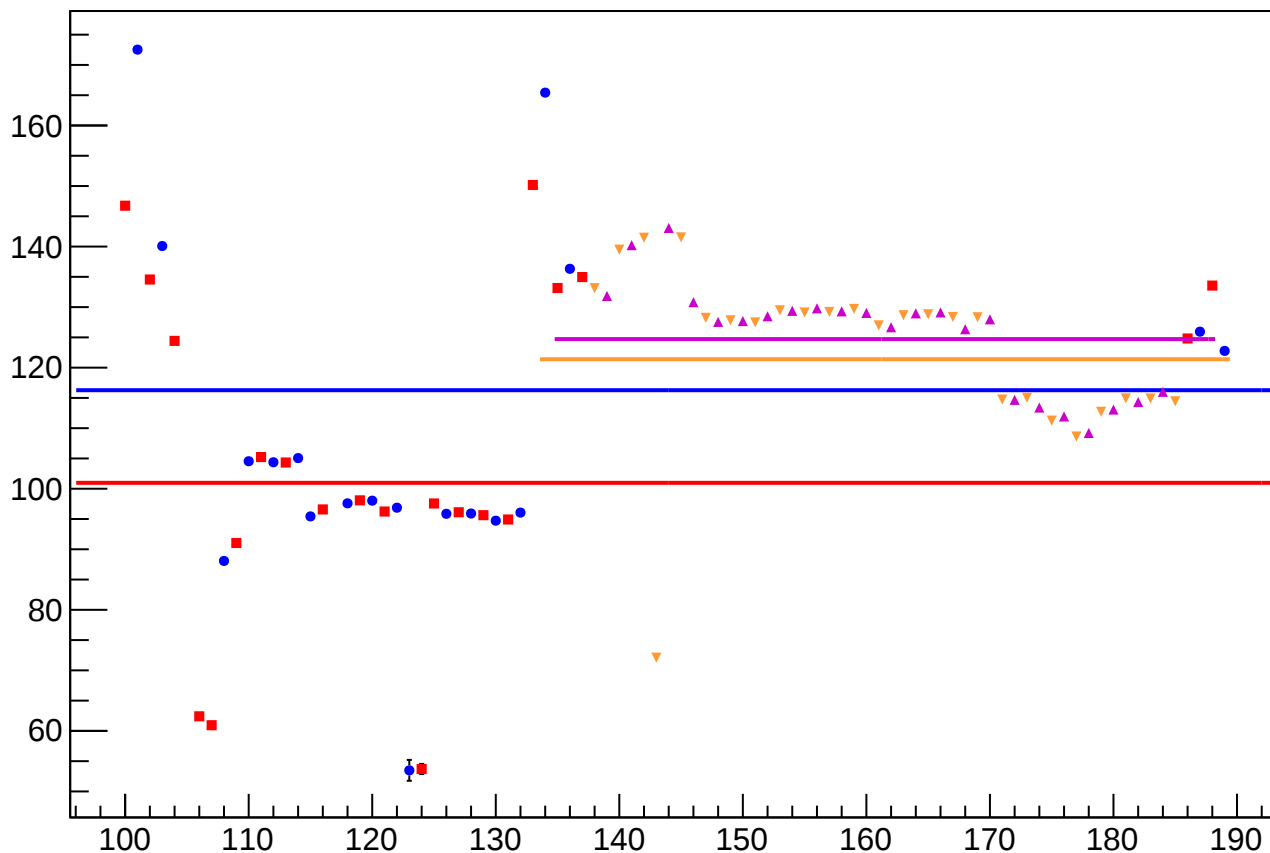
Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

+ sign -80.990 ± 0.681 χ^2/NDF : 1674.9/43

All: -80.536 ± 0.485 χ^2/NDF : 2984.3/87

- 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: 116.275 $\pm$ 0.075 χ^2 /NDF: 107132.6/18

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

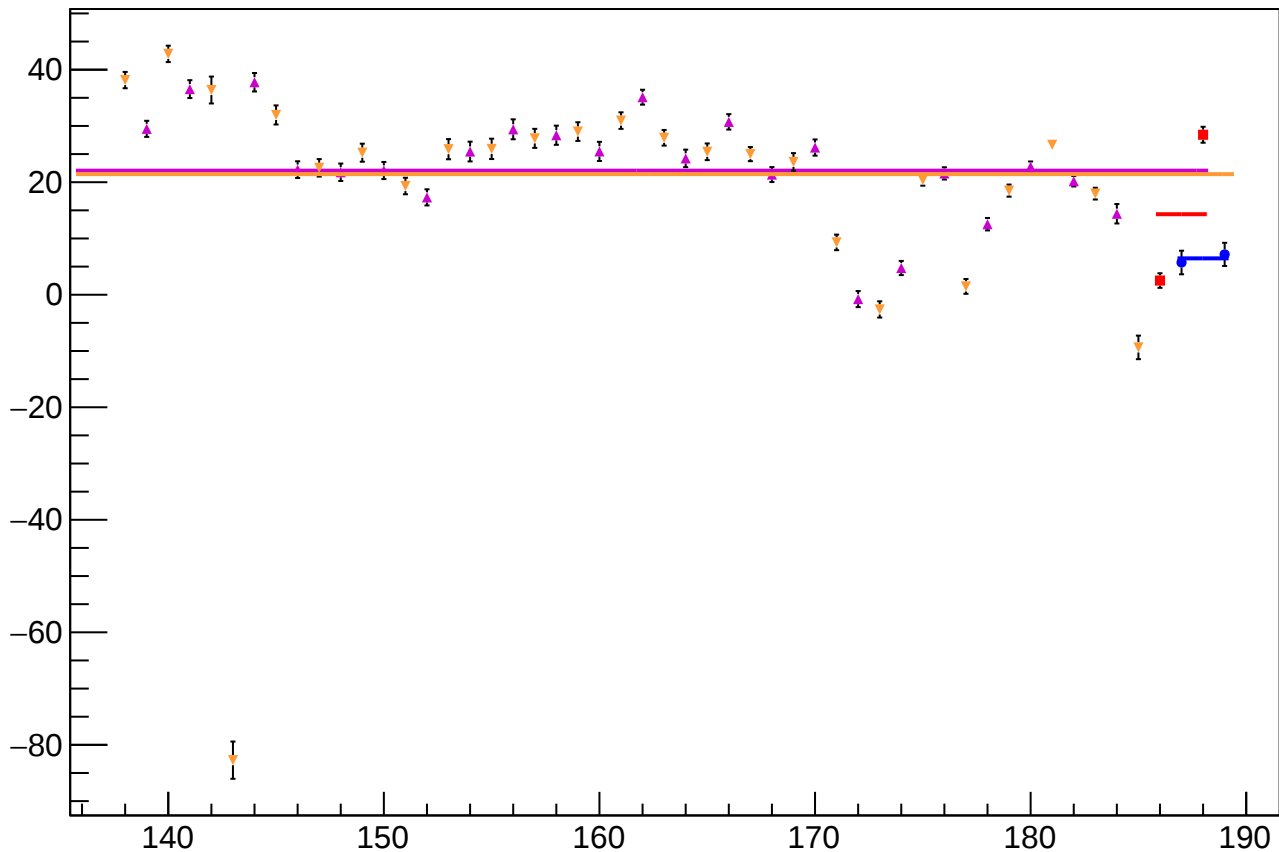
Left In: 124.714 $\pm$ 0.039 χ^2 /NDF:51750.7/22

+ sign 120.335 $\pm$ 0.034 χ^2 /NDF: 275670.4/43

All: 119.460 $\pm$ 0.024 χ^2 /NDF: 610408.5/87

- 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: 6.464 $\pm$ 1.469 χ^2 /NDF: 0.2/1

Left Out: 21.435 $\pm$ 0.283 χ^2 /NDF:2406.2/24

Right Out: 14.311 $\pm$ 0.956 χ^2 /NDF: 182.1/1

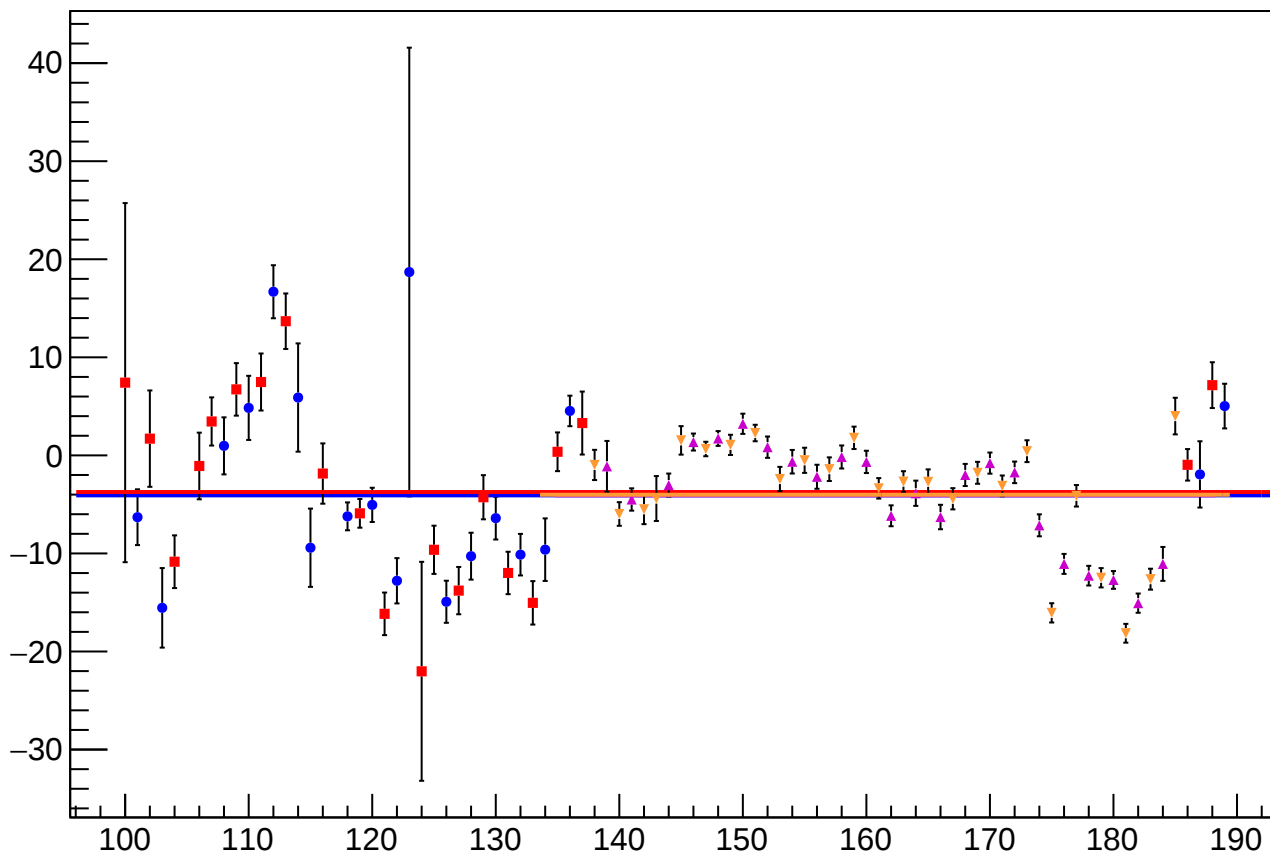
Left In: 22.055 $\pm$ 0.284 χ^2 /NDF:941.3/22

+ sign 20.901 $\pm$ 0.278 χ^2 /NDF: 2506.6/26

All: 21.168 $\pm$ 0.194 χ^2 /NDF: 3692.1/51

- sign 21.426 $\pm$ 0.272 χ^2 /NDF: 1183.7/24

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.078 ± 0.554 χ^2/NDF : 192.5/18

Left Out: -4.015 ± 0.223 χ^2/NDF : 731.7/24

Right Out: -3.739 ± 0.536 χ^2/NDF : 221.5/20

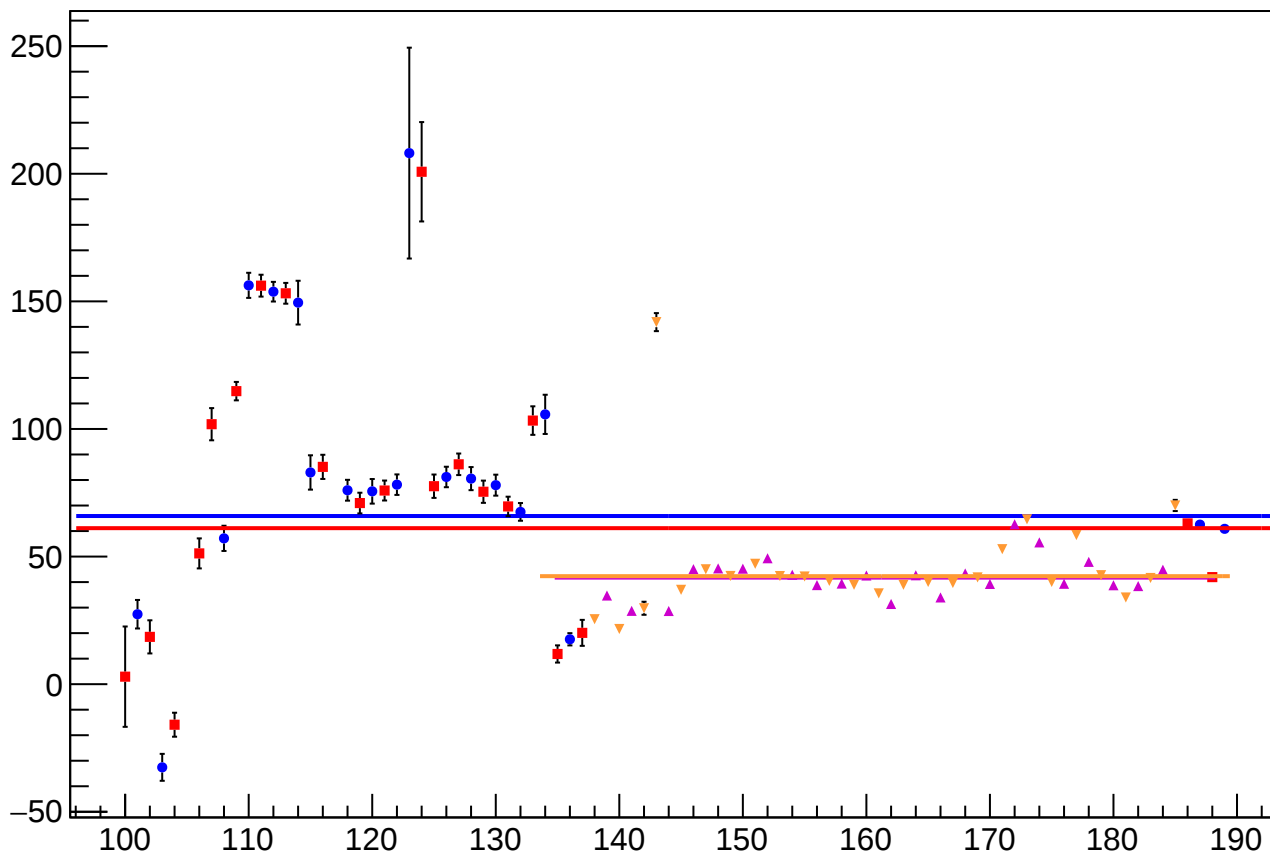
Left In: -4.069 ± 0.227 χ^2/NDF : 580.1/22

+ sign -4.024 ± 0.207 χ^2/NDF : 924.2/43

All: -4.021 ± 0.147 χ^2/NDF : 1726.0/87

- sign -4.019 ± 0.209 χ^2/NDF : 801.9/43

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 65.889+/-0.812 χ^2/NDF : 1868.3/18

Left Out: 42.322+/-0.282 χ^2/NDF : 1855.5/24

Right Out: 61.130+/-0.625 χ^2/NDF : 2369.1/20

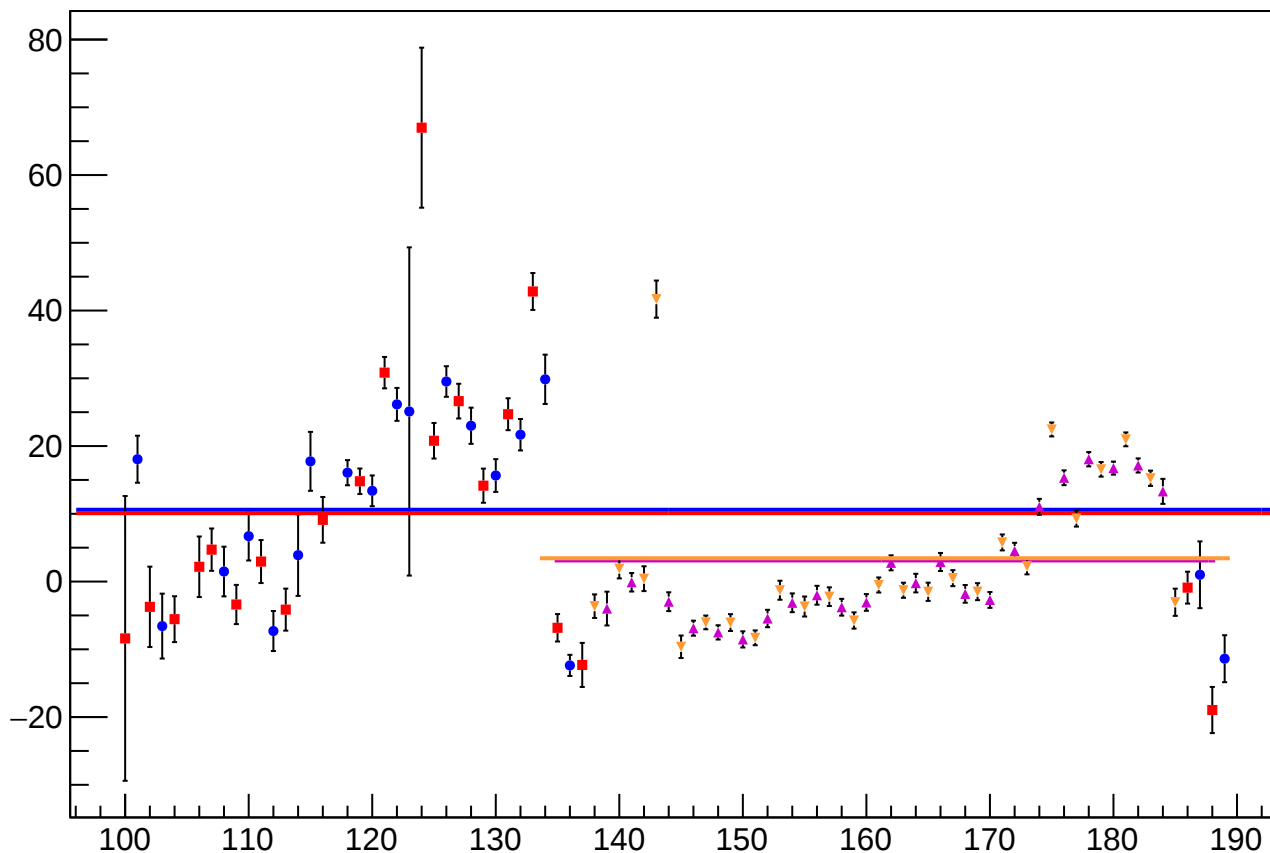
Left In: 41.755+/-0.283 χ^2/NDF : 659.6/22

+ sign 44.859+/-0.266 χ^2/NDF : 4475.2/43

All: 44.960+/-0.185 χ^2/NDF : 8302.5/87

- 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: 10.602 ± 0.641 χ^2/NDF : 524.4/18

Left Out: 3.439 ± 0.252 χ^2/NDF : 1647.7/24

Right Out: 10.089 ± 0.629 χ^2/NDF : 646.7/20

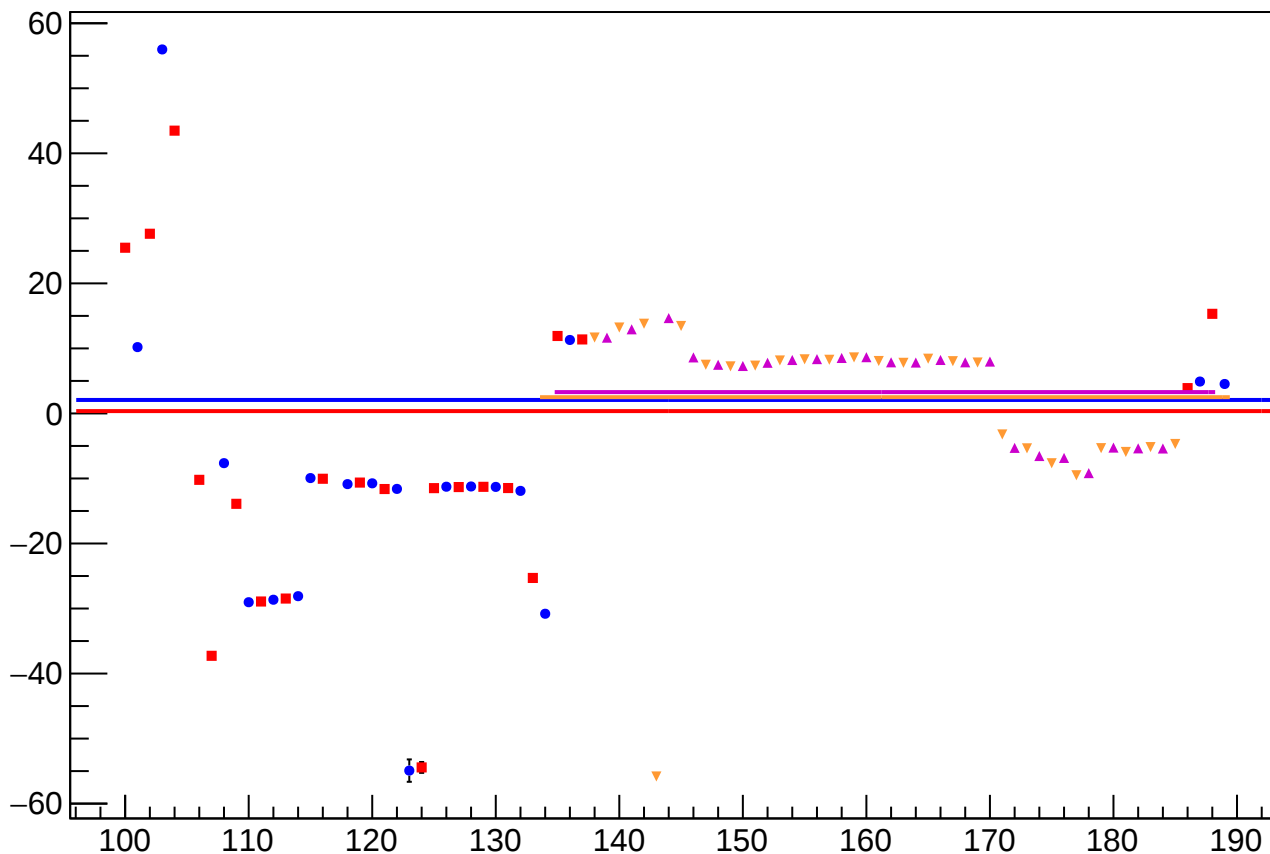
Left In: 3.114 ± 0.256 χ^2/NDF : 1273.1/22

+ sign 4.401 ± 0.235 χ^2/NDF : 2280.1/43

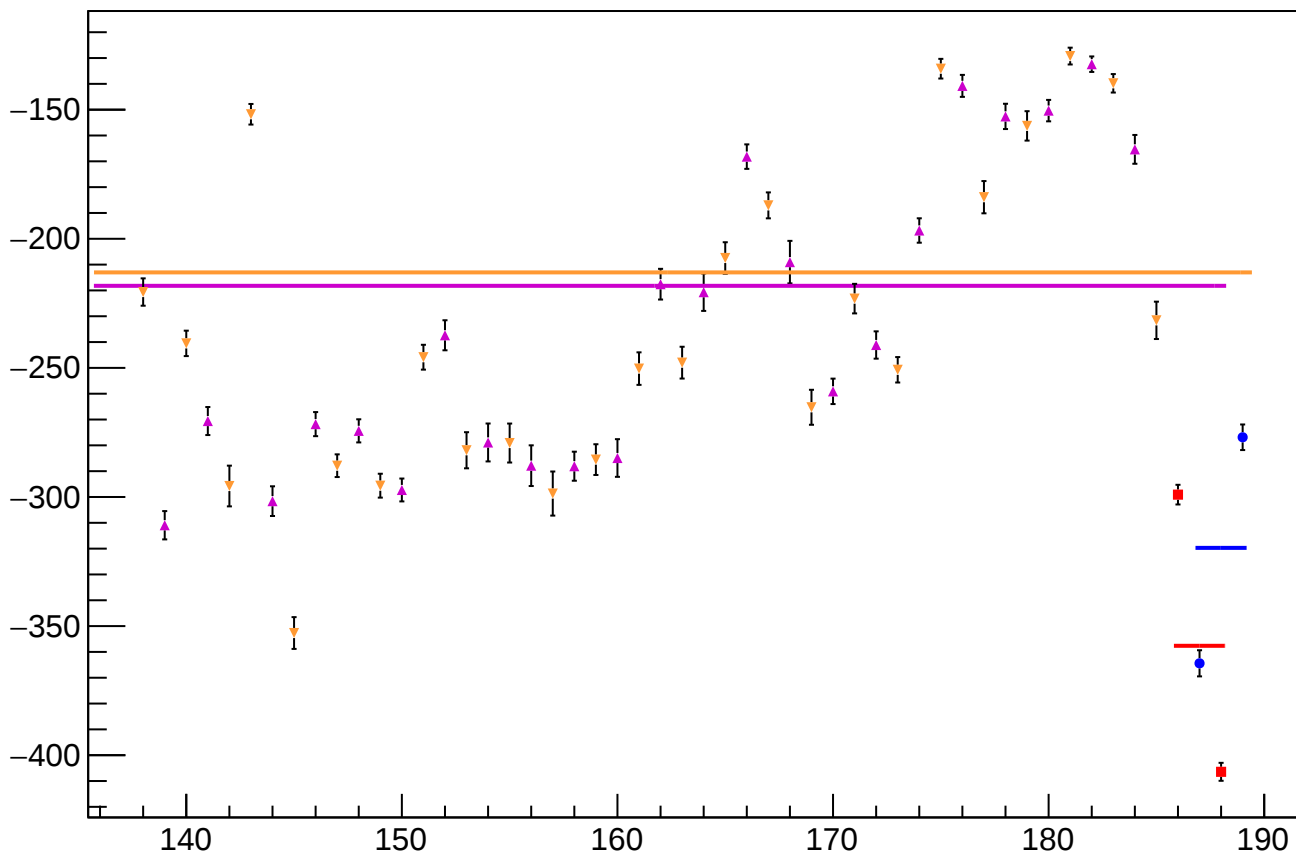
All: 4.256 ± 0.167 χ^2/NDF : 4306.2/87

- sign 4.109 ± 0.237 χ^2/NDF : 2025.4/43

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -319.705 ± 3.541 $\chi^2/\text{NDF}: 152.8/1$

Left Out: -213.020 ± 1.035 $\chi^2/\text{NDF}: 3826.2/24$

Right Out: -357.632 ± 2.569 $\chi^2/\text{NDF}: 432.9/1$

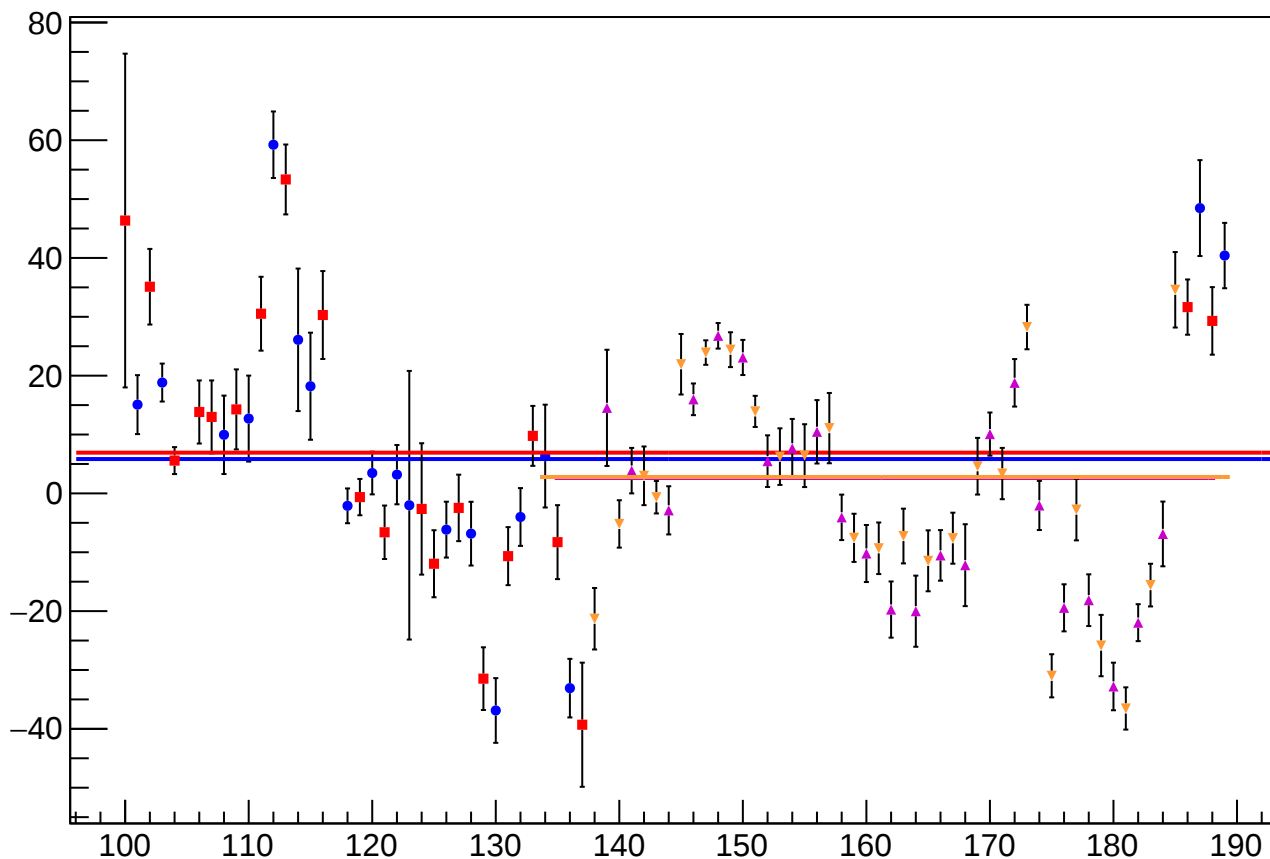
Left In: -218.216 ± 1.063 $\chi^2/\text{NDF}: 3499.0/22$

+ sign -221.425 ± 0.994 $\chi^2/\text{NDF}: 4815.4/26$

All: -230.110 ± 0.699 $\chi^2/\text{NDF}: 11412.9/51$

- 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: 5.835 ± 1.184 $\chi^2/\text{NDF}: 326.4/18$

Left Out: 2.786 ± 0.780 $\chi^2/\text{NDF}: 582.0/24$

Right Out: 6.920 ± 1.105 $\chi^2/\text{NDF}: 272.8/20$

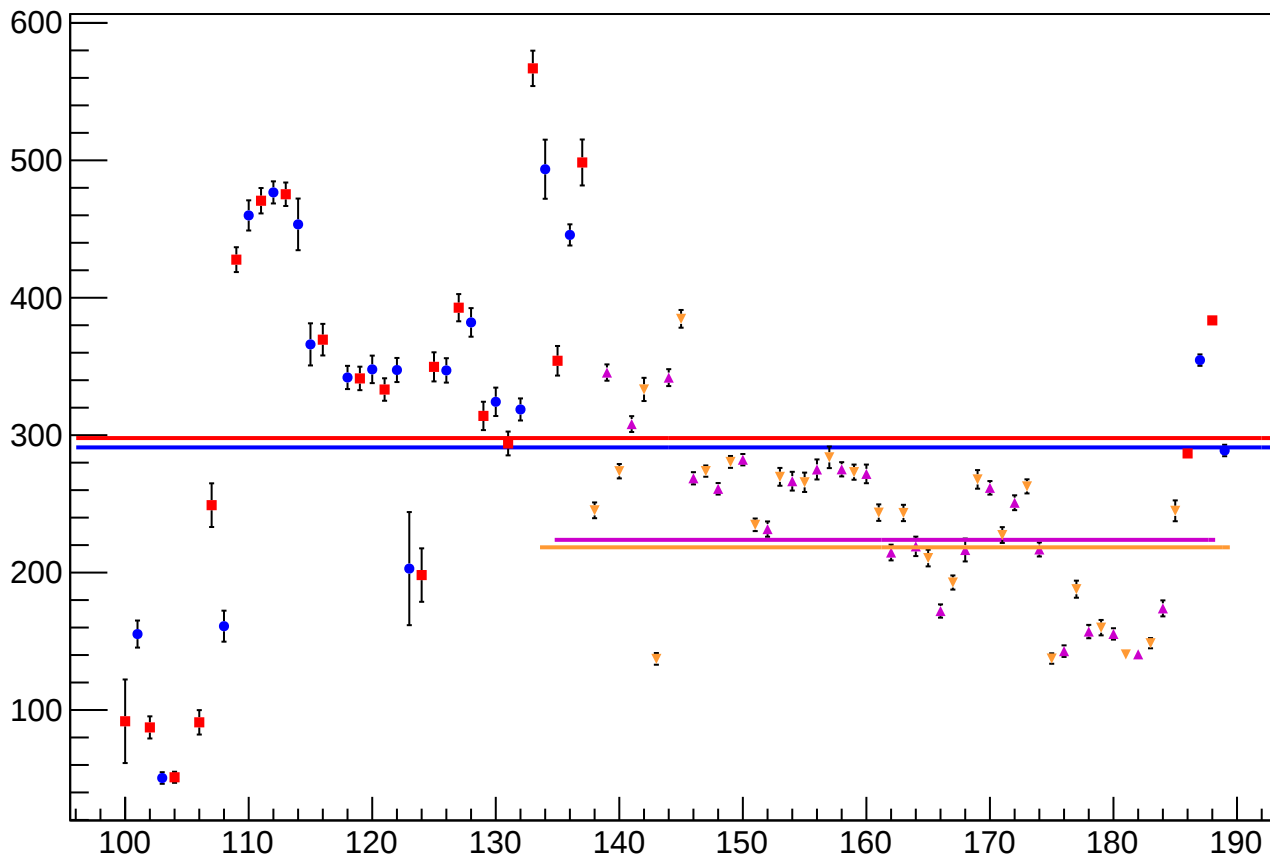
Left In: 2.619 ± 0.821 $\chi^2/\text{NDF}: 477.6/22$

+ sign 3.709 ± 0.651 $\chi^2/\text{NDF}: 913.1/43$

All: 3.926 ± 0.463 $\chi^2/\text{NDF}: 1673.4/87$

- sign 4.148 ± 0.659 $\chi^2/\text{NDF}: 760.1/43$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 291.094 ± 1.758 $\chi^2/\text{NDF}: 5406.0/18$

Left Out: 218.389 ± 1.038 $\chi^2/\text{NDF}: 3696.7/24$

Right Out: 297.892 ± 1.465 $\chi^2/\text{NDF}: 7791.6/20$

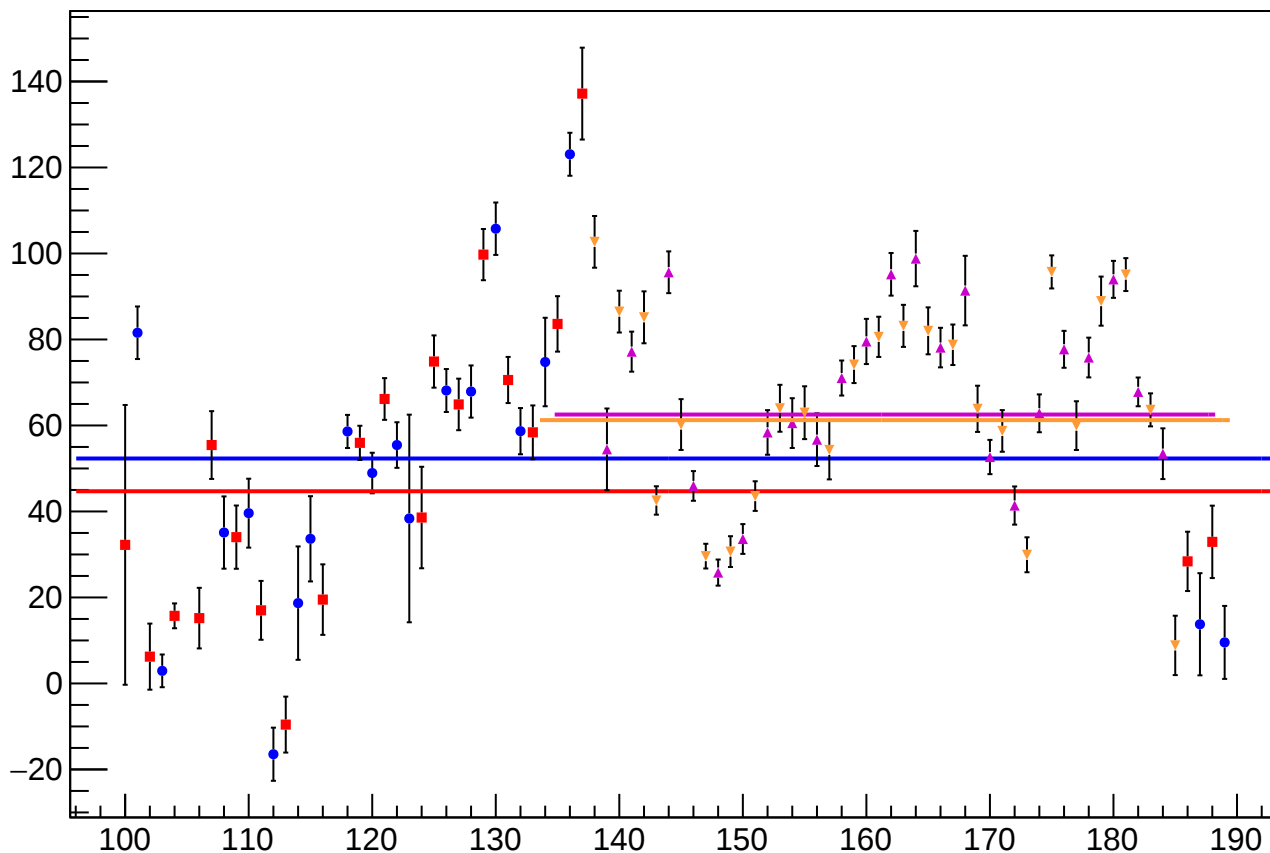
Left In: 223.827 ± 1.058 $\chi^2/\text{NDF}: 3444.7/22$

+ sign 237.177 ± 0.894 $\chi^2/\text{NDF}: 10371.1/43$

All: 243.453 ± 0.619 $\chi^2/\text{NDF}: 23382.1/87$

- sign 249.236 ± 0.858 $\chi^2/\text{NDF}: 12916.2/43$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 52.315 $\pm$ 1.391 χ^2 /NDF: 671.8/18

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

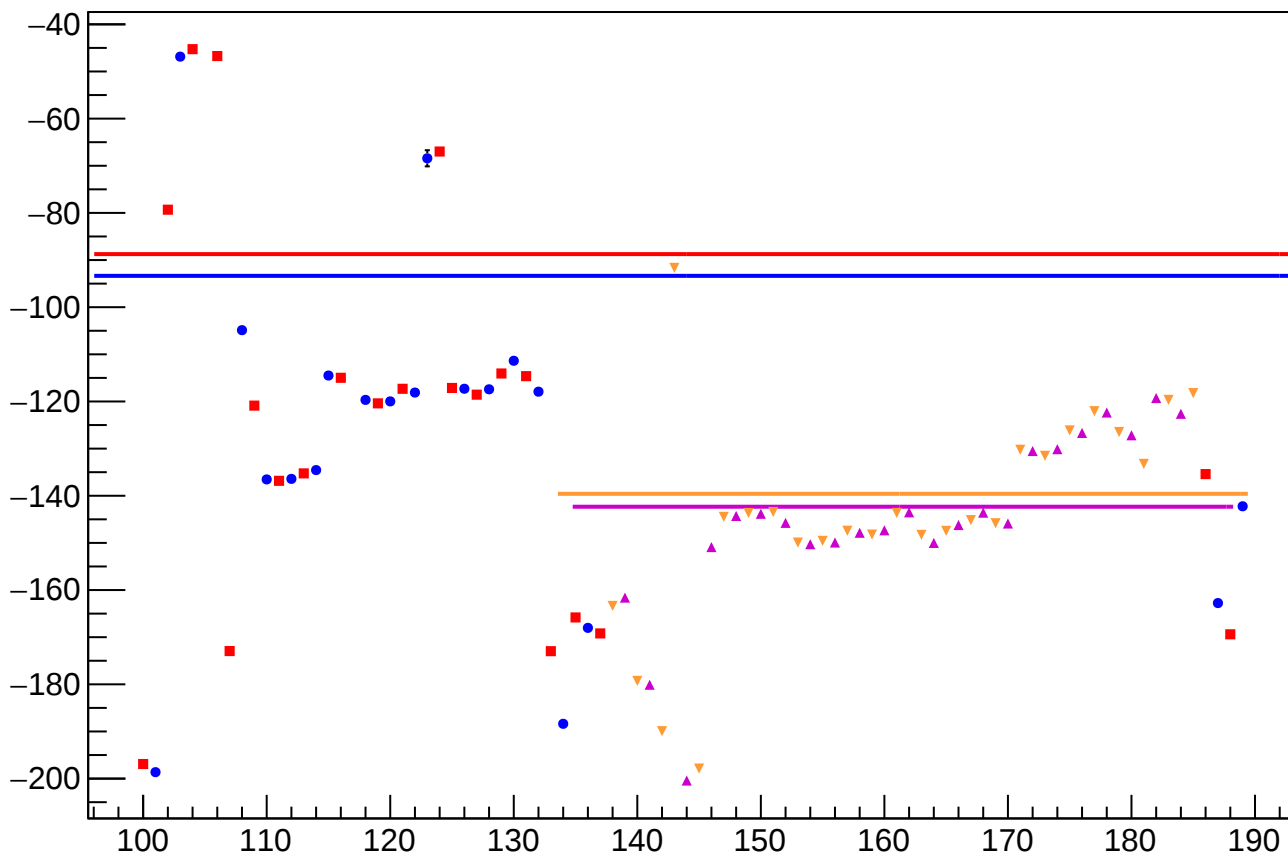
Left In: 62.538 $\pm$ 0.940 χ^2 /NDF: 520.0/22

+ sign 58.596 $\pm$ 0.757 χ^2 /NDF: 1419.6/43

All: 57.567 $\pm$ 0.538 χ^2 /NDF: 2603.7/87

- 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: -93.350 $\pm$ 0.066 χ^2 /NDF: 563336.7/18

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

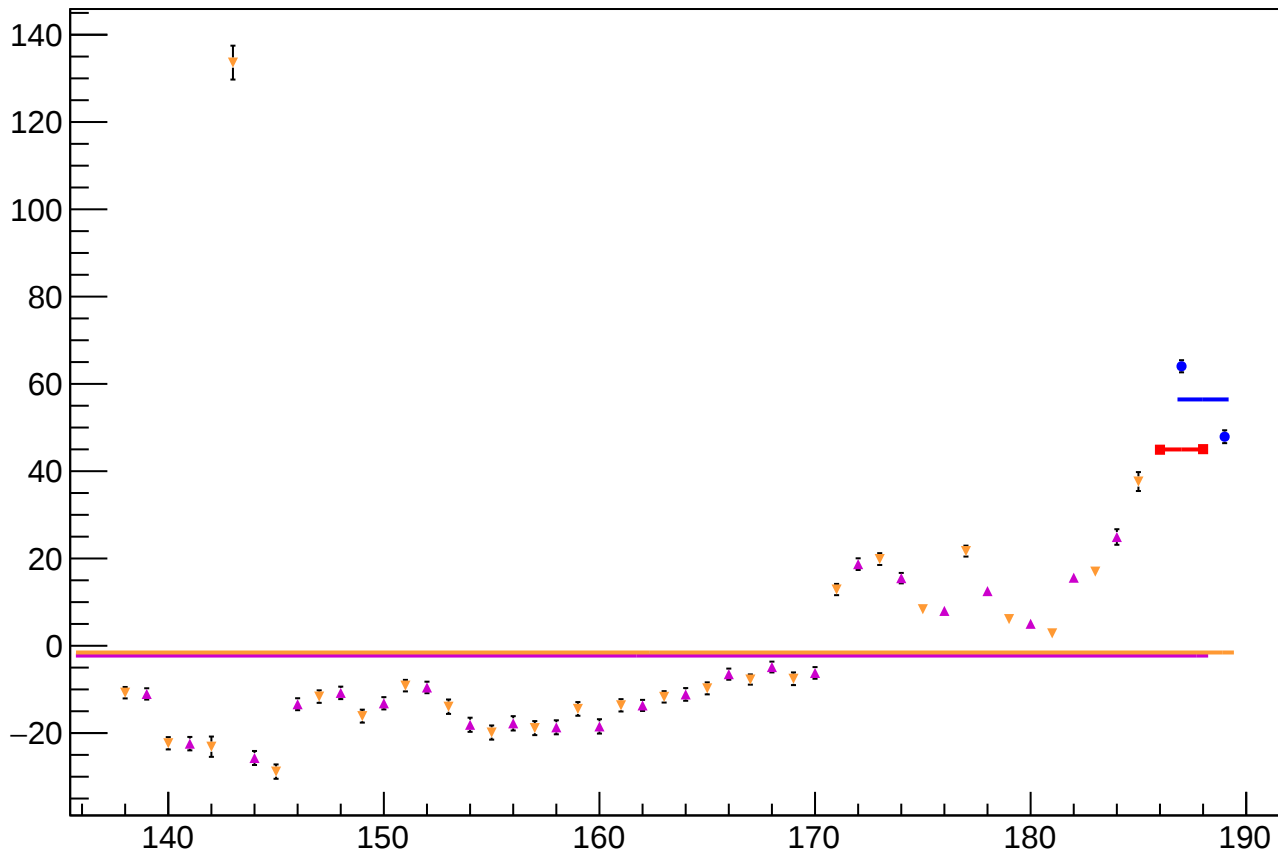
Left In: -142.326 $\pm$ 0.044 χ^2 /NDF: 144642.3/22

+ sign -125.805 $\pm$ 0.036 χ^2 /NDF: 1150214.8/43

All: -125.430 $\pm$ 0.026 χ^2 /NDF: 2322582.4/87

- 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: 56.439+/-1.013 χ^2/NDF : 63.2/1

Left Out: -1.540+/-0.268 χ^2/NDF : 4129.1/24

Right Out: 44.980+/-0.634 χ^2/NDF : 0.0/1

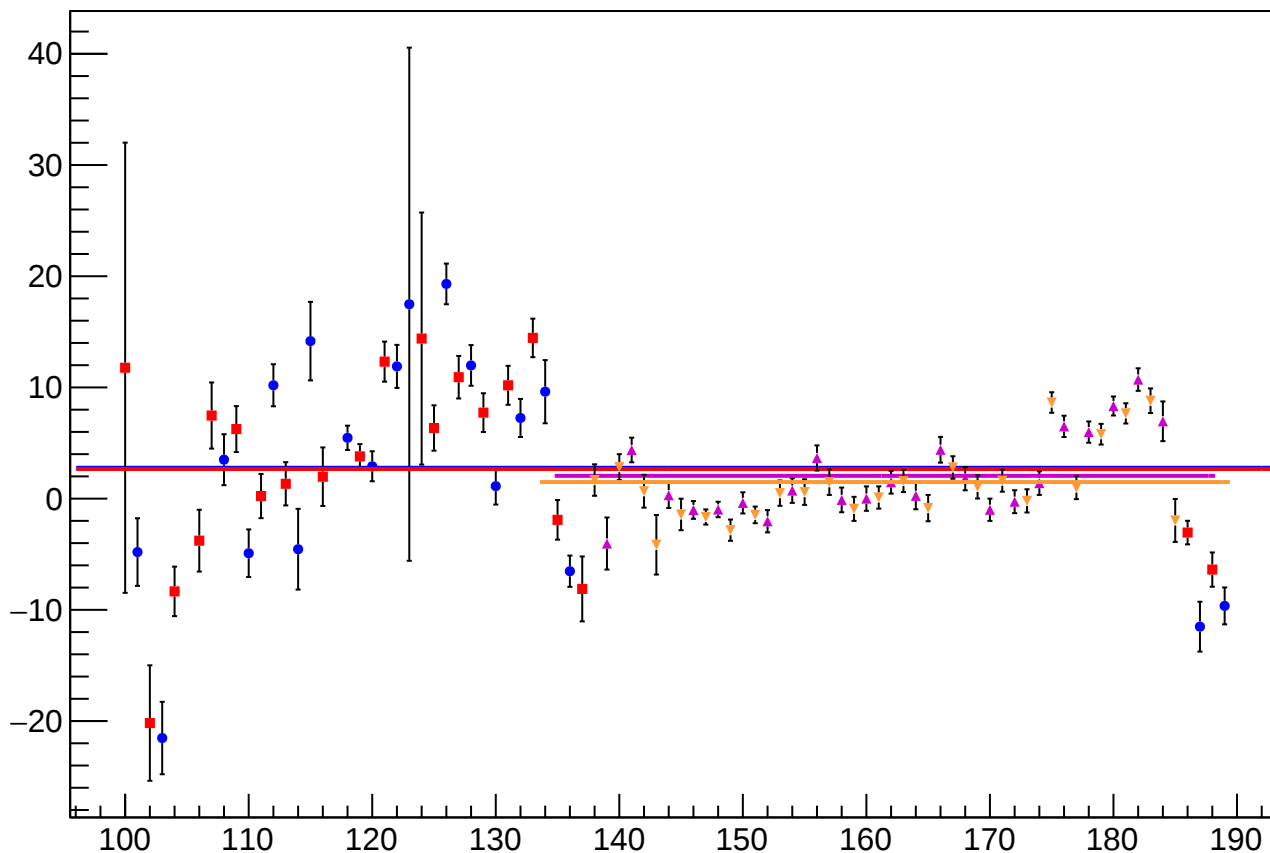
Left In: -2.244+/-0.270 χ^2/NDF : 2561.6/22

+ sign 2.244+/-0.259 χ^2/NDF : 7253.5/26

All: 3.671+/-0.179 χ^2/NDF : 14570.5/51

- 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: 2.773 ± 0.438 χ^2/NDF : 394.9/18

Left Out: 1.492 ± 0.210 χ^2/NDF : 258.3/24

Right Out: 2.667 ± 0.417 χ^2/NDF : 266.9/20

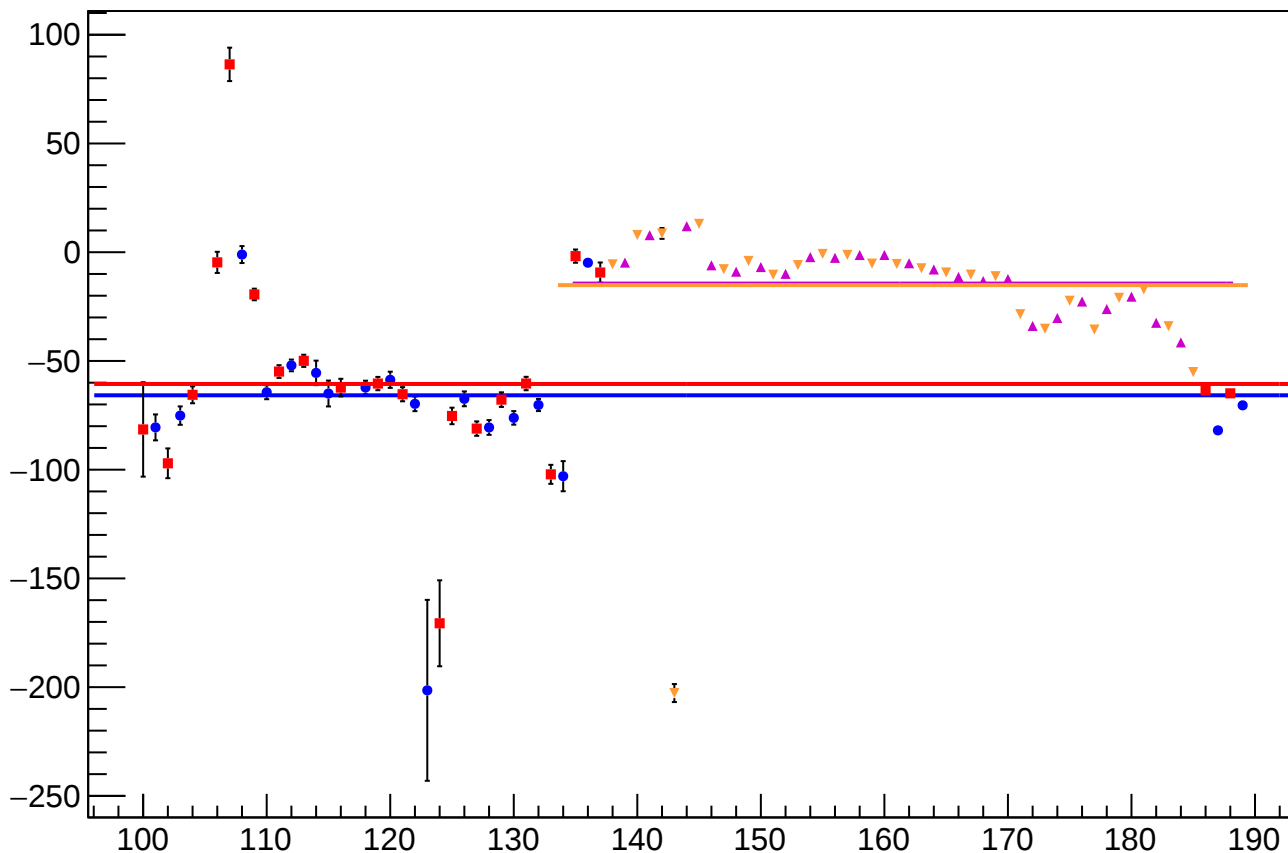
Left In: 2.051 ± 0.215 χ^2/NDF : 275.4/22

+ sign 1.732 ± 0.190 χ^2/NDF : 660.2/43

All: 1.955 ± 0.135 χ^2/NDF : 1207.0/87

- sign 2.181 ± 0.191 χ^2/NDF : 544.0/43

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -65.796 ± 0.602 χ^2/NDF : 1400.8/18

Left Out: -15.140 ± 0.267 χ^2/NDF : 4451.9/24

Right Out: -60.582 ± 0.438 χ^2/NDF : 1515.7/20

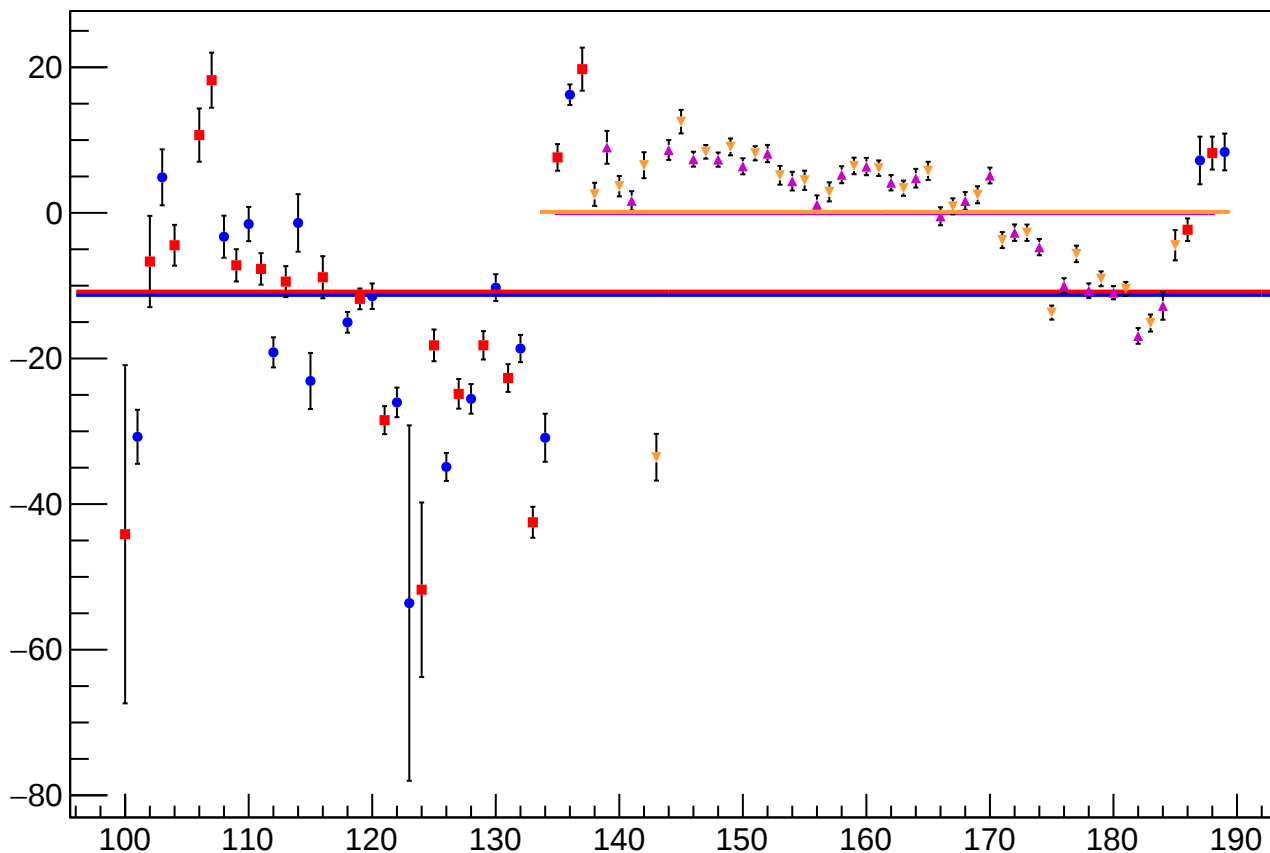
Left In: -14.415 ± 0.268 χ^2/NDF : 2065.7/22

+ sign -23.462 ± 0.244 χ^2/NDF : 11772.4/43

All: -25.346 ± 0.167 χ^2/NDF : 23552.0/87

- 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: -11.264 ± 0.512 χ^2/NDF : 887.1/18

Left Out: 0.133 ± 0.238 χ^2/NDF : 1146.9/24

Right Out: -10.813 ± 0.496 χ^2/NDF : 846.3/20

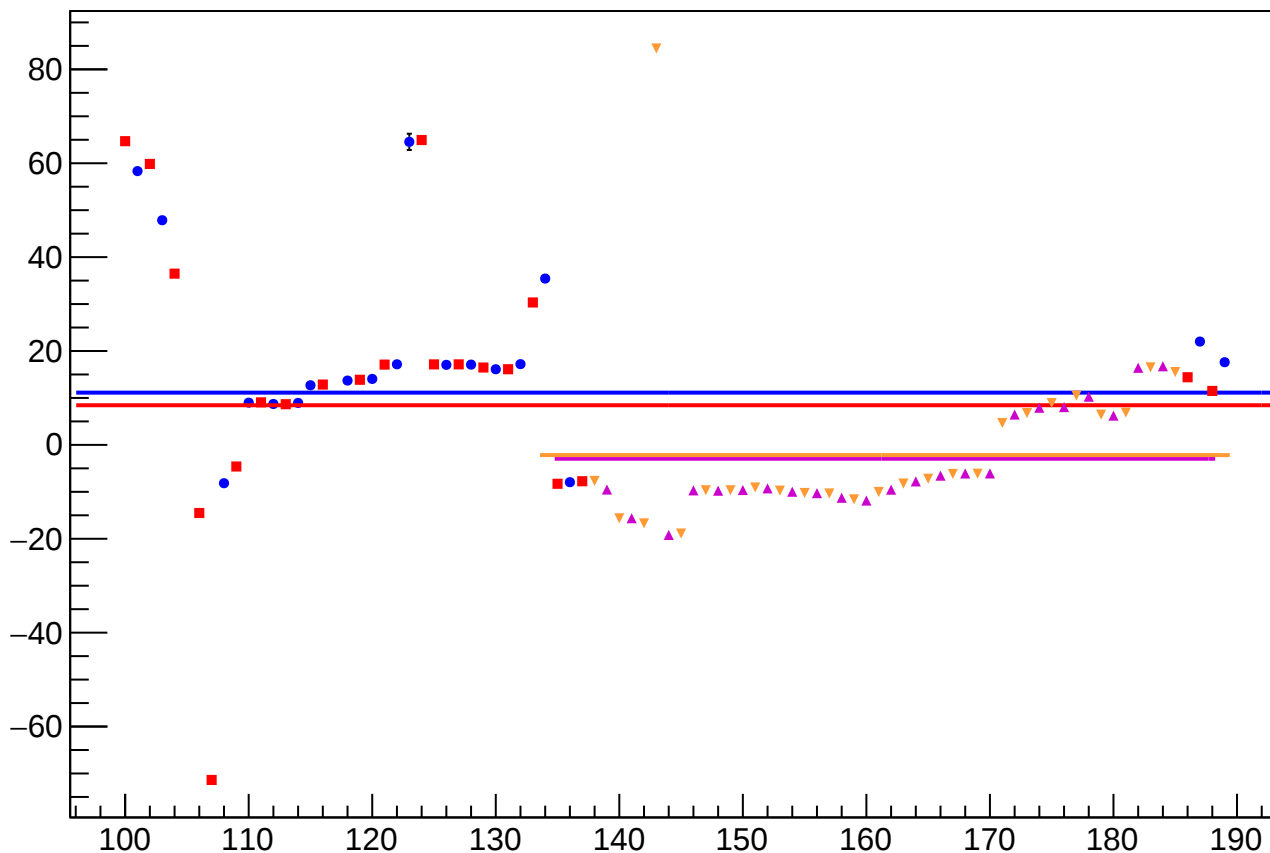
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -1.894 ± 0.216 χ^2/NDF : 2440.7/43

All: -2.003 ± 0.153 χ^2/NDF : 4696.0/87

- 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: 11.131+/-0.029 χ^2/NDF : 388355.3/18

Left Out: -2.176+/-0.011 χ^2/NDF : 1047394.9/24

Right Out: 8.445+/-0.029 χ^2/NDF : 549283.5/20

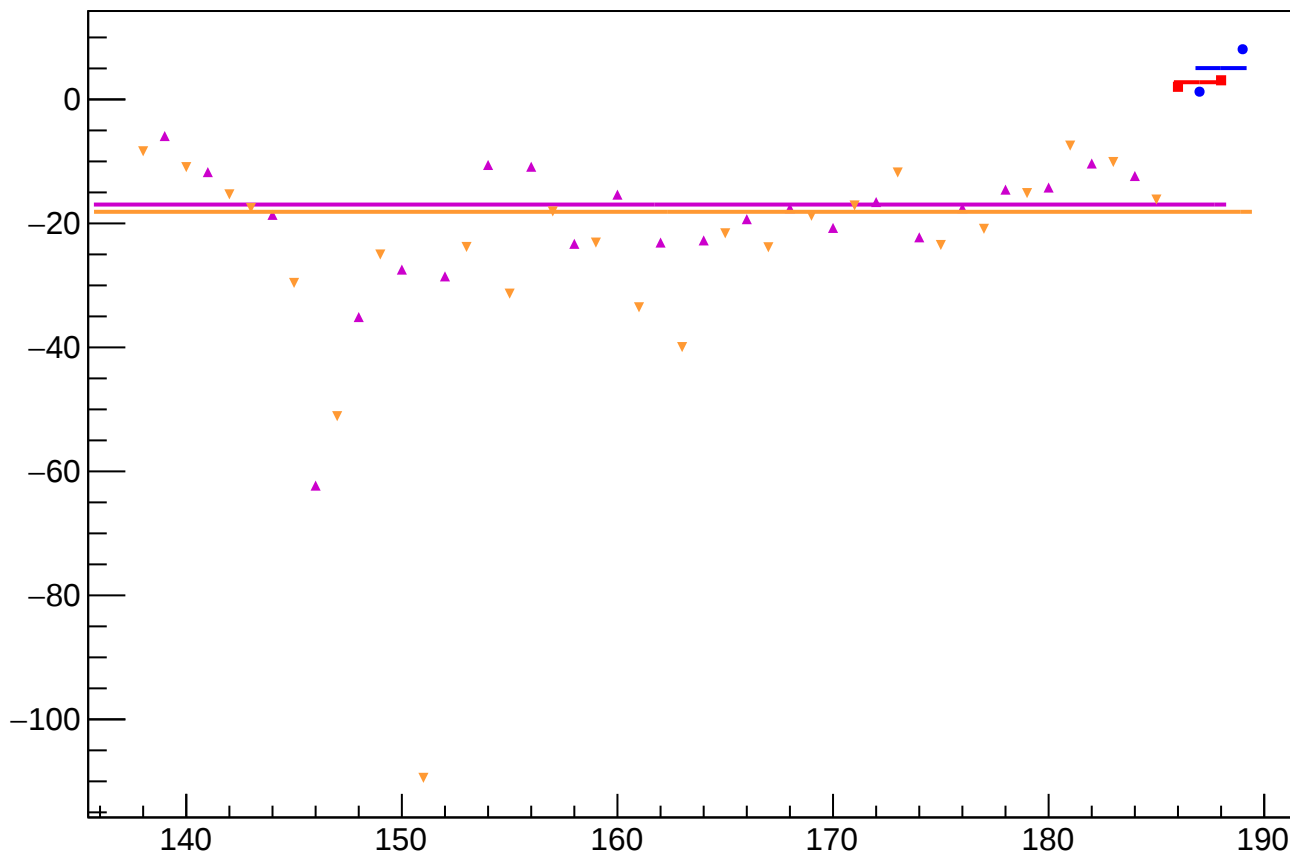
Left In: -2.949+/-0.011 χ^2/NDF : 770702.4/22

+ sign -0.534+/-0.010 χ^2/NDF : 1618833.0/43

All: -1.029+/-0.007 χ^2/NDF : 3078750.2/87

- sign -1.526+/-0.010 χ^2/NDF : 1455228.0/43

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 5.054 $\pm$ 0.188 χ^2 /NDF: 328.6/1

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

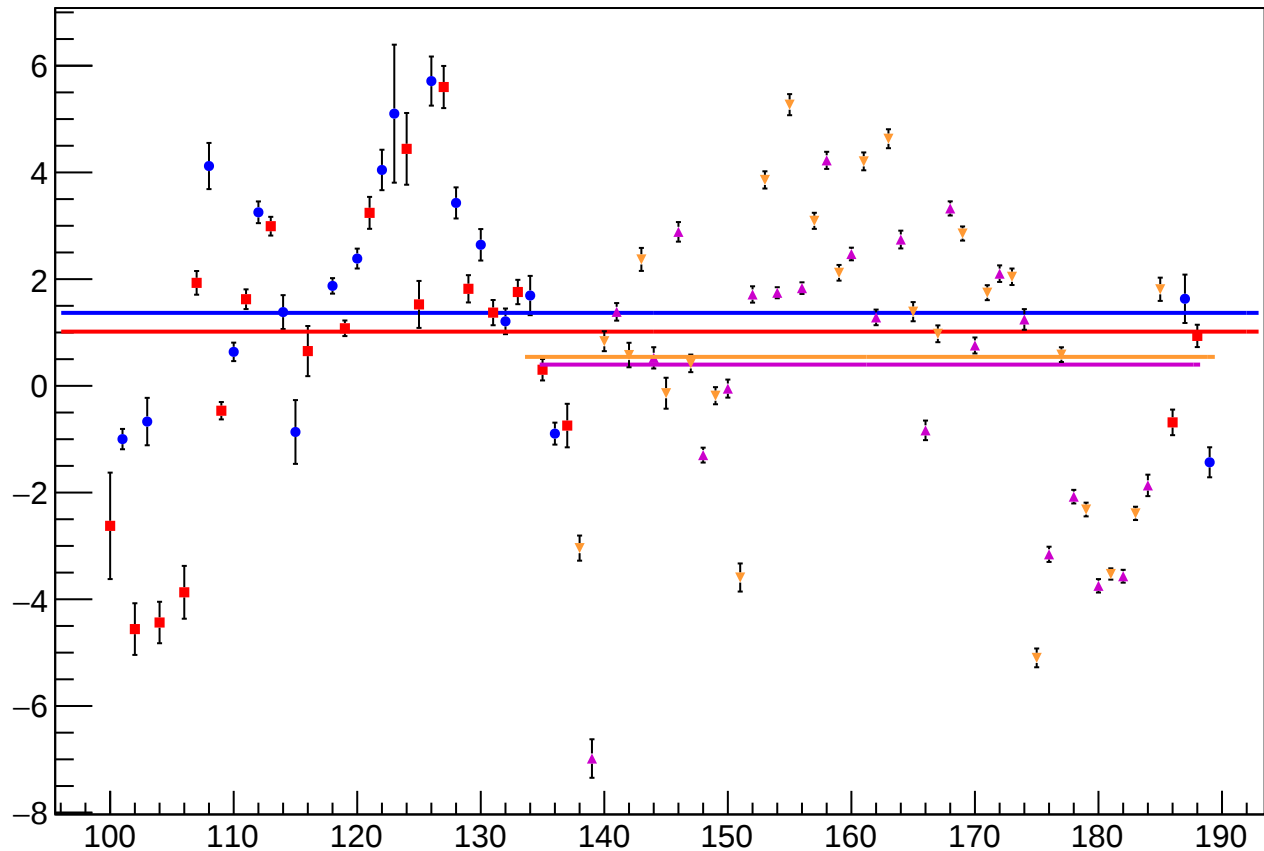
Left In: -16.958 $\pm$ 0.038 χ^2 /NDF: 44759.9/22

+ sign -17.170 $\pm$ 0.038 χ^2 /NDF: 103461.0/26

All: -15.859 $\pm$ 0.026 χ^2 /NDF: 181222.9/51

- sign -14.707 $\pm$ 0.036 χ^2 /NDF: 75542.5/24

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.368 ± 0.059 χ^2/NDF : 812.5/18

Left Out: 0.543 ± 0.032 χ^2/NDF : 7067.6/24

Right Out: 1.016 ± 0.055 χ^2/NDF : 1000.3/20

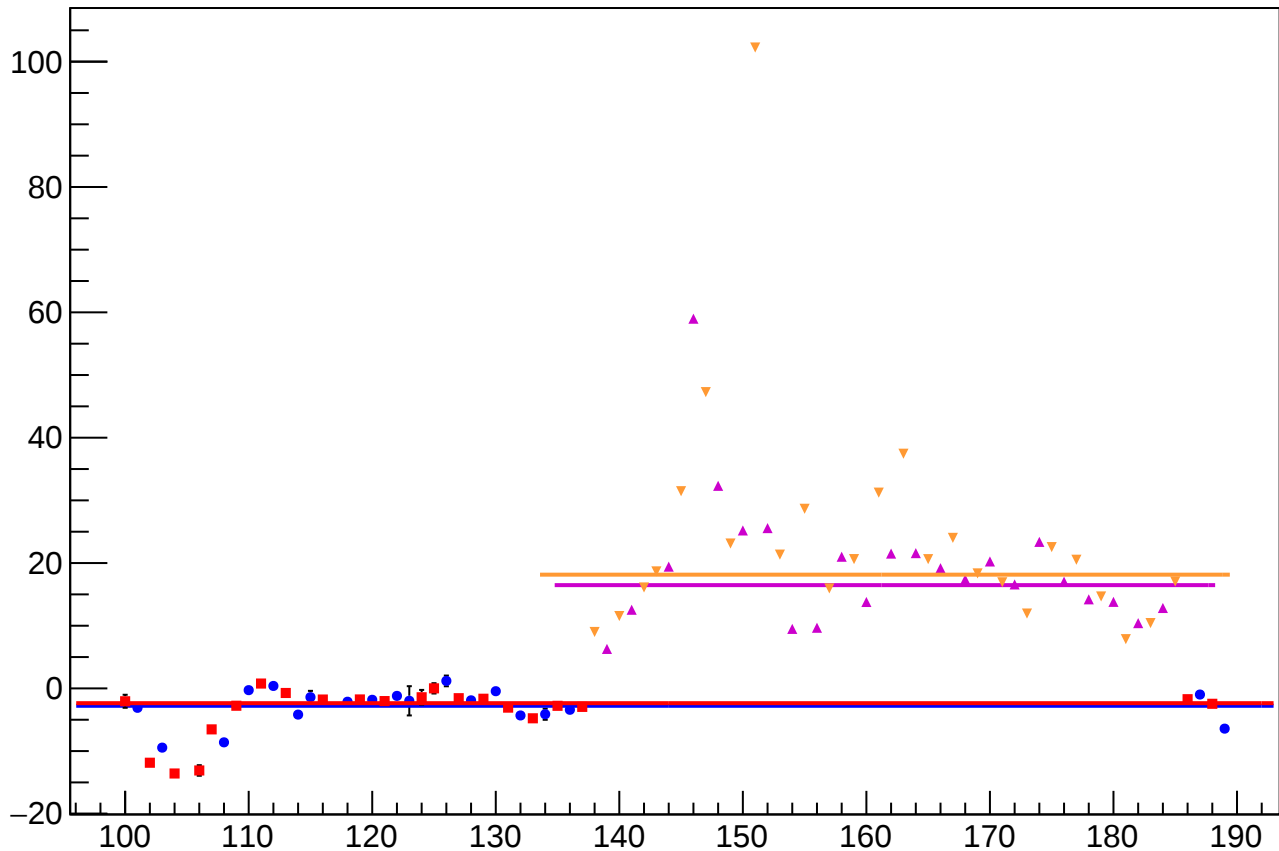
Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

+ sign 0.733 ± 0.028 χ^2/NDF : 8029.6/43

All: 0.634 ± 0.019 χ^2/NDF : 15436.7/87

- sign 0.546 ± 0.027 χ^2/NDF : 7384.0/43

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.772 ± 0.090 χ^2/NDF : 840.6/18

Left Out: 18.147 ± 0.039 χ^2/NDF : 77805.7/24

Right Out: -2.357 ± 0.065 χ^2/NDF : 923.5/20

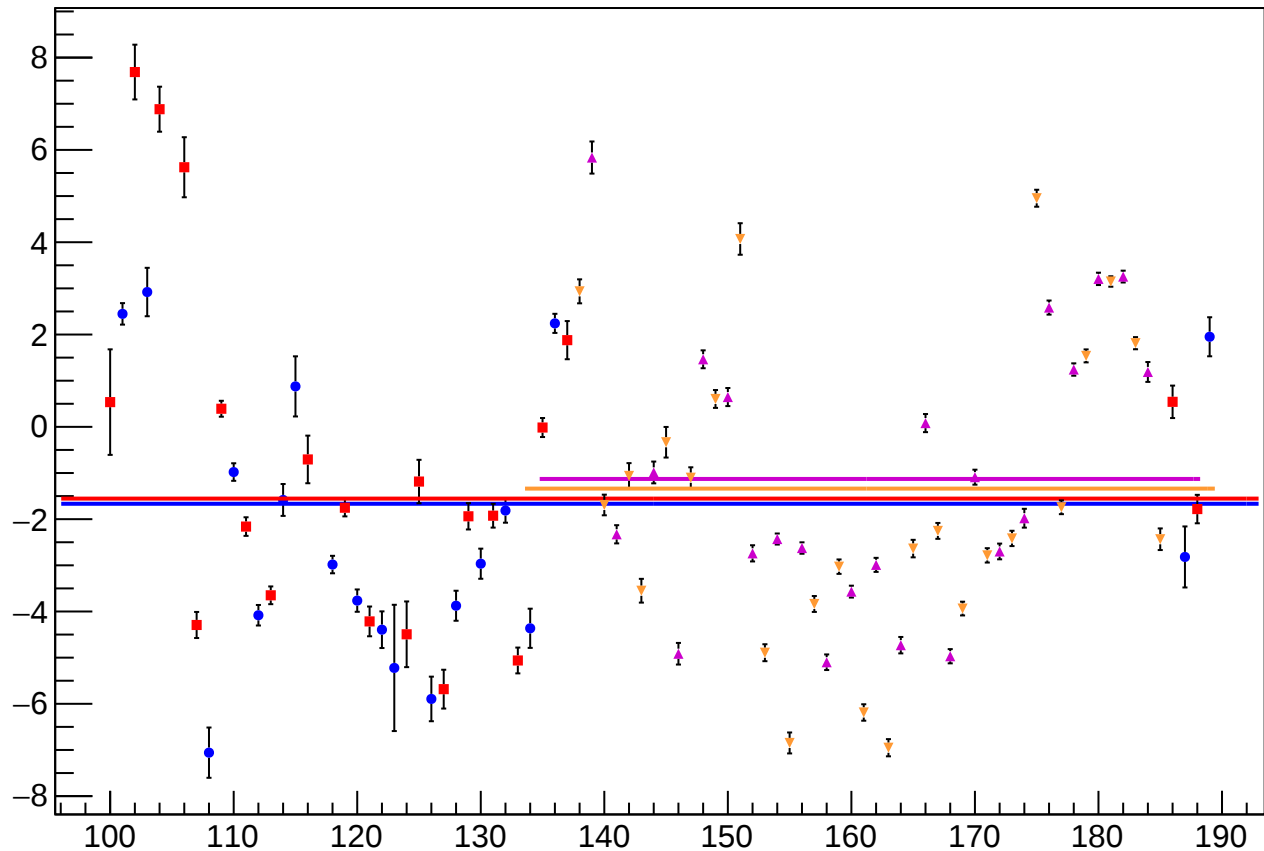
Left In: 16.477 ± 0.038 χ^2/NDF : 41326.5/22

+ sign 14.843 ± 0.036 χ^2/NDF : 123771.9/43

All: 13.118 ± 0.024 χ^2/NDF : 233735.0/87

- sign 11.703 ± 0.033 χ^2/NDF : 105761.2/43

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.666 ± 0.069 $\chi^2/\text{NDF}: 1422.8/18$

Left Out: -1.338 ± 0.036 $\chi^2/\text{NDF}: 7920.8/24$

Right Out: -1.554 ± 0.063 $\chi^2/\text{NDF}: 1524.5/20$

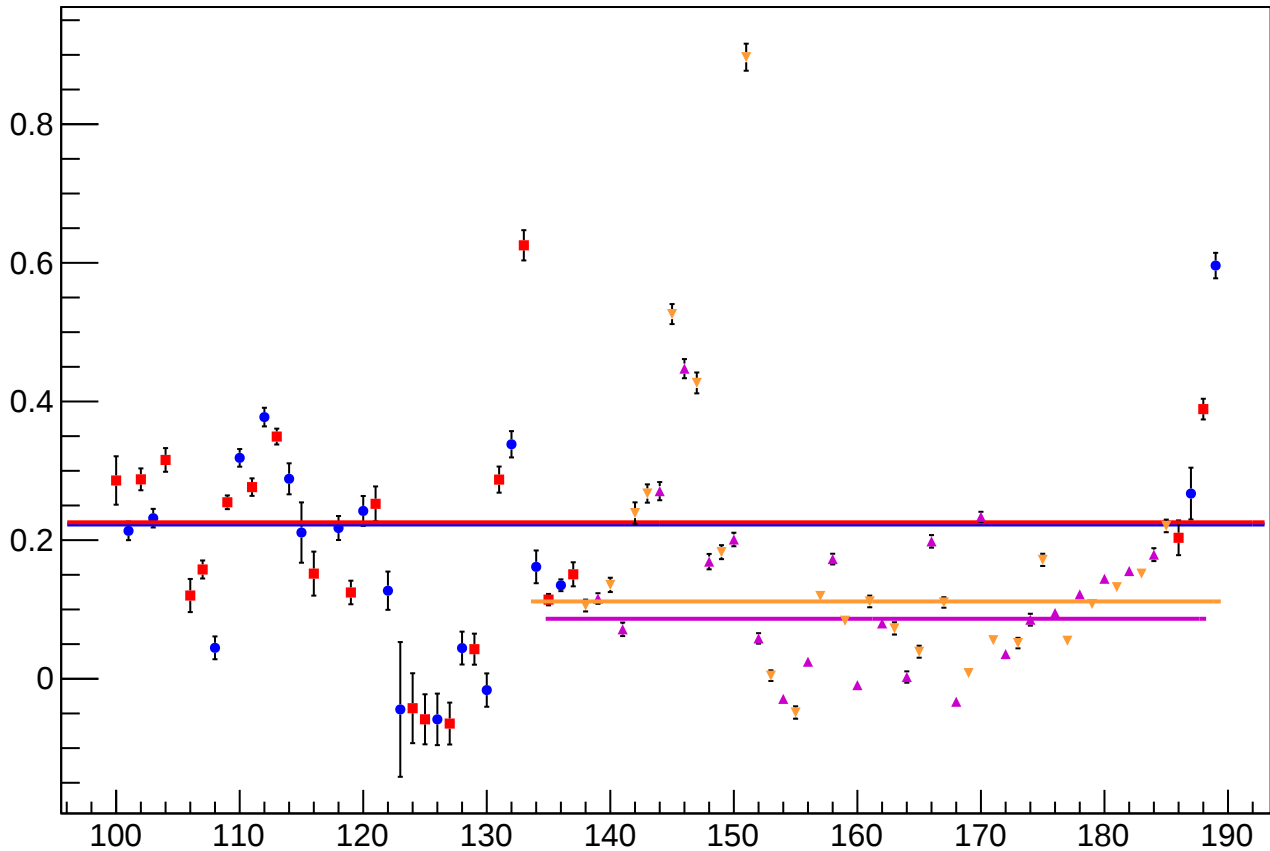
Left In: -1.129 ± 0.034 $\chi^2/\text{NDF}: 6778.7/22$

+ sign -1.408 ± 0.032 $\chi^2/\text{NDF}: 9361.4/43$

All: -1.311 ± 0.022 $\chi^2/\text{NDF}: 17717.3/87$

- sign -1.224 ± 0.030 $\chi^2/\text{NDF}: 8338.4/43$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.223 ± 0.004 χ^2/NDF : 1113.6/18

Left Out: 0.112 ± 0.002 χ^2/NDF : 4459.9/24

Right Out: 0.226 ± 0.004 χ^2/NDF : 1194.5/20

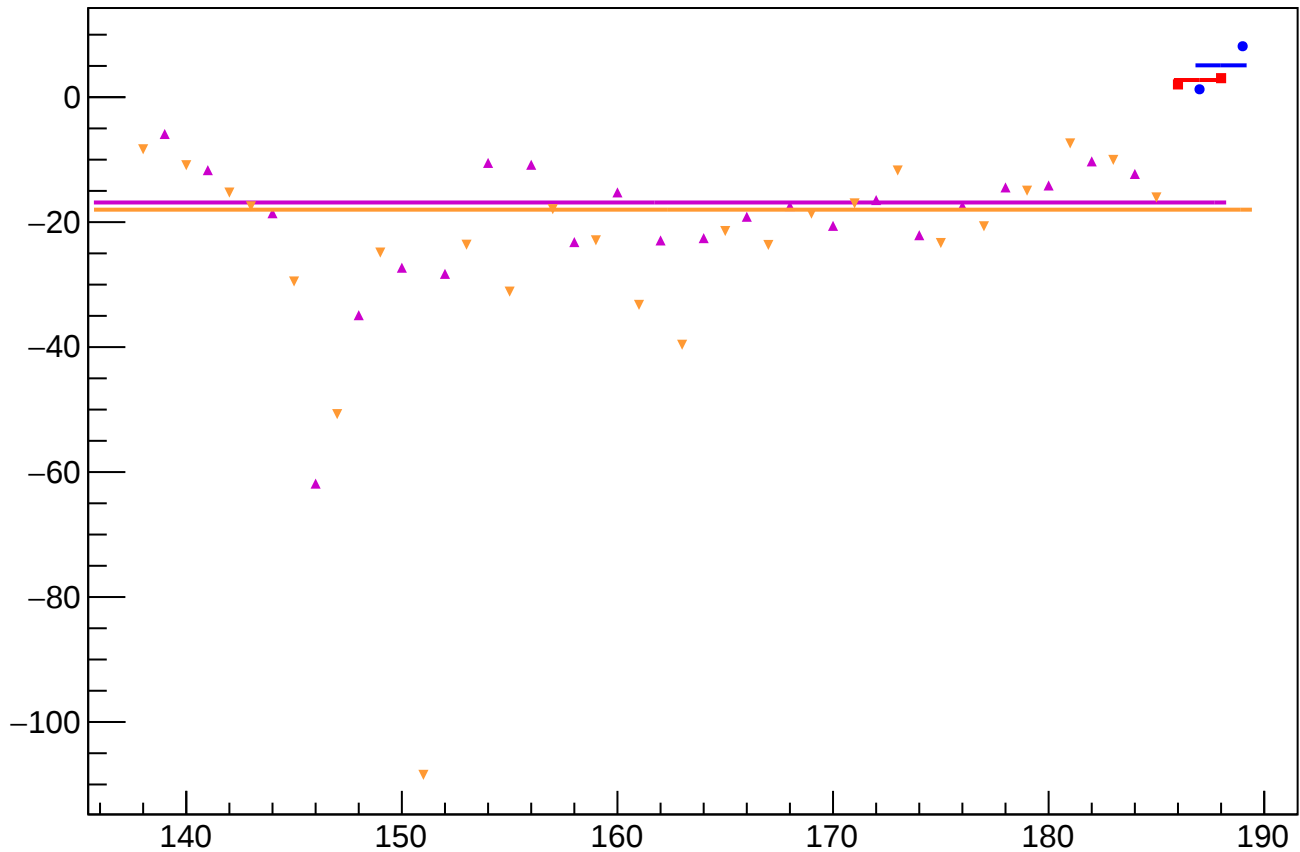
Left In: 0.087 ± 0.001 χ^2/NDF : 3661.4/22

+ sign 0.127 ± 0.001 χ^2/NDF : 6234.3/43

All: 0.116 ± 0.001 χ^2/NDF : 12486.4/87

- sign 0.108 ± 0.001 χ^2/NDF : 6161.5/43

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 5.095 ± 0.187 $\chi^2/\text{NDF}: 335.3/1$

Left Out: -18.004 ± 0.039 $\chi^2/\text{NDF}: 88352.2/24$

Right Out: 2.748 ± 0.104 $\chi^2/\text{NDF}: 19.3/1$

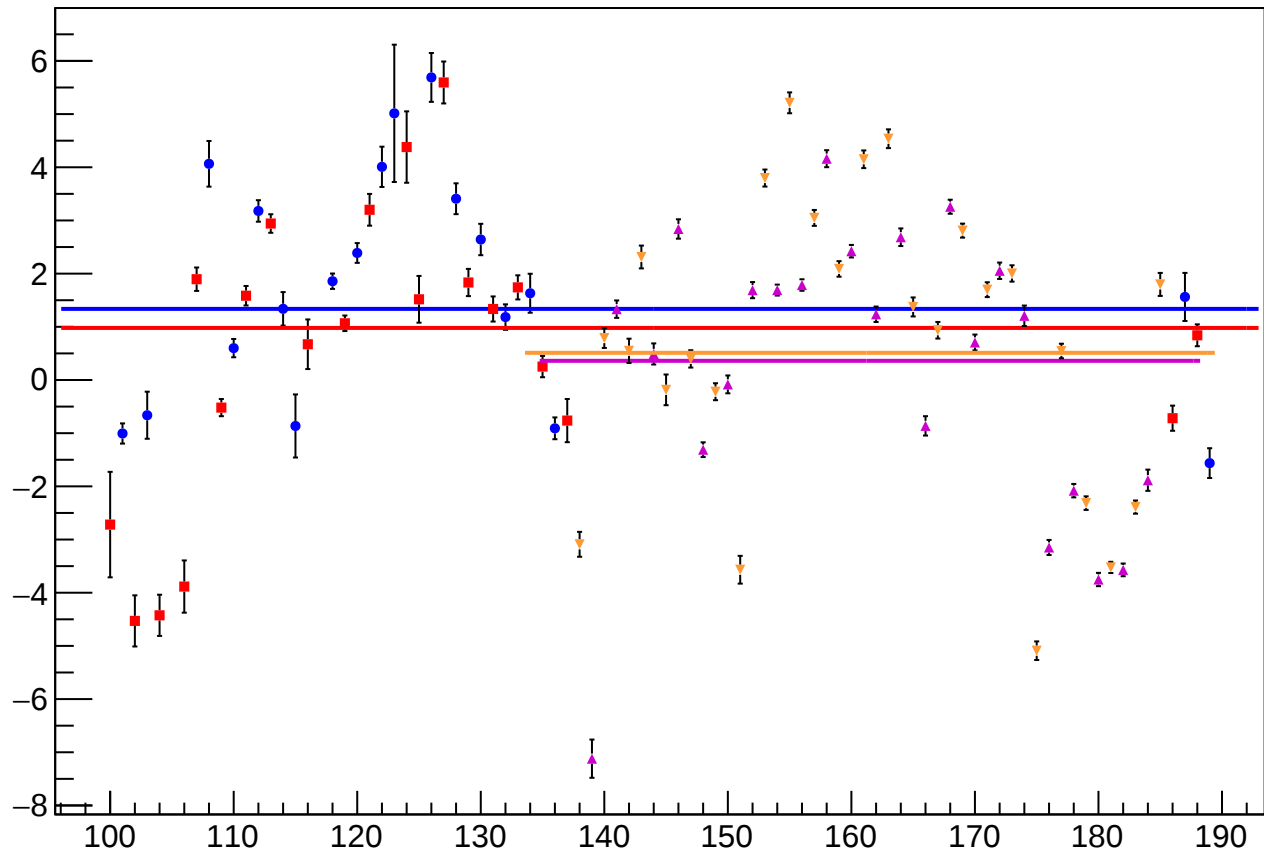
Left In: -16.854 ± 0.038 $\chi^2/\text{NDF}: 44680.7/22$

+ sign -17.056 ± 0.038 $\chi^2/\text{NDF}: 103323.4/26$

All: -15.737 ± 0.026 $\chi^2/\text{NDF}: 181599.1/51$

- sign -14.579 ± 0.035 $\chi^2/\text{NDF}: 75998.2/24$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.337 $\pm$ 0.059 χ^2/NDF : 820.0/18

Left Out: 0.511 $\pm$ 0.032 χ^2/NDF : 7053.0/24

Right Out: 0.979 $\pm$ 0.054 χ^2/NDF : 1007.8/20

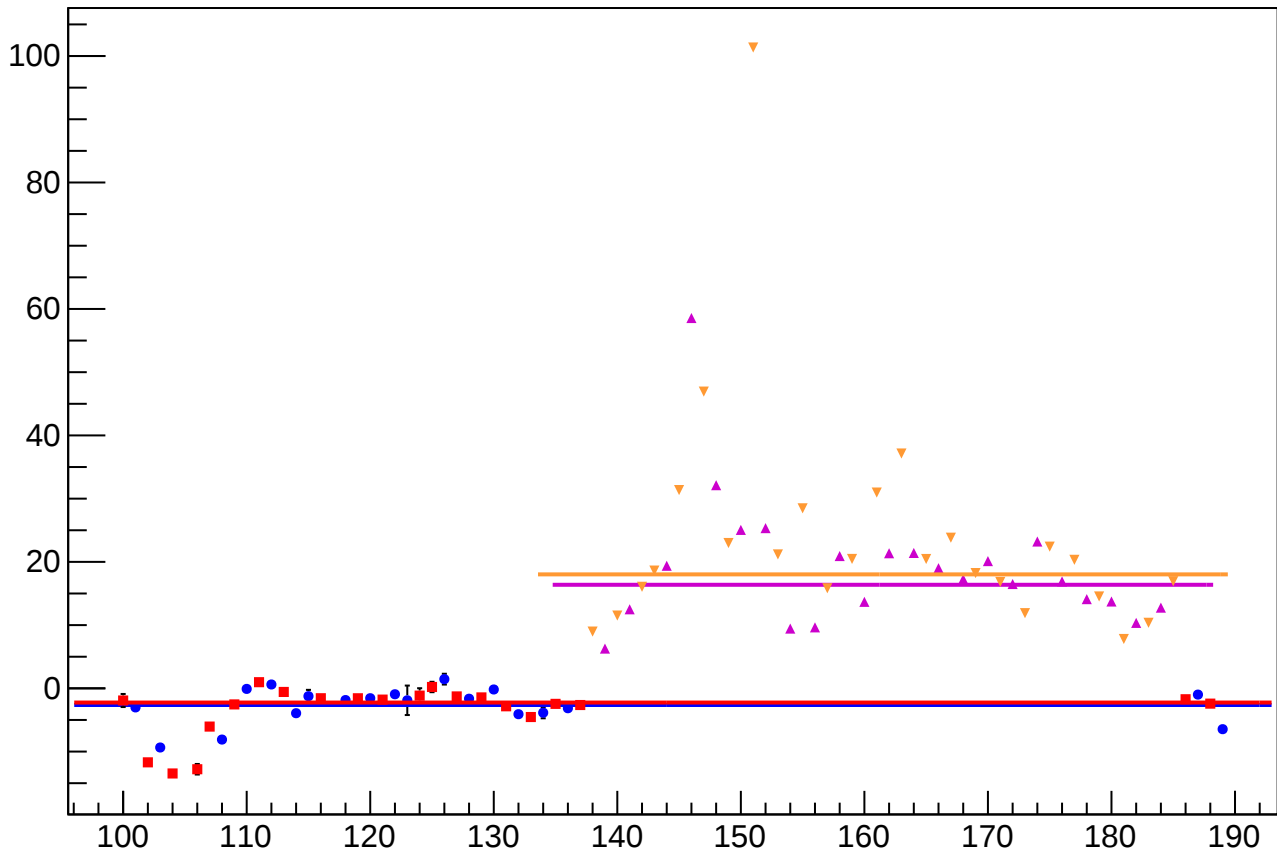
Left In: 0.361 $\pm$ 0.030 χ^2/NDF : 6273.5/22

+ sign 0.701 $\pm$ 0.028 χ^2/NDF : 8024.4/43

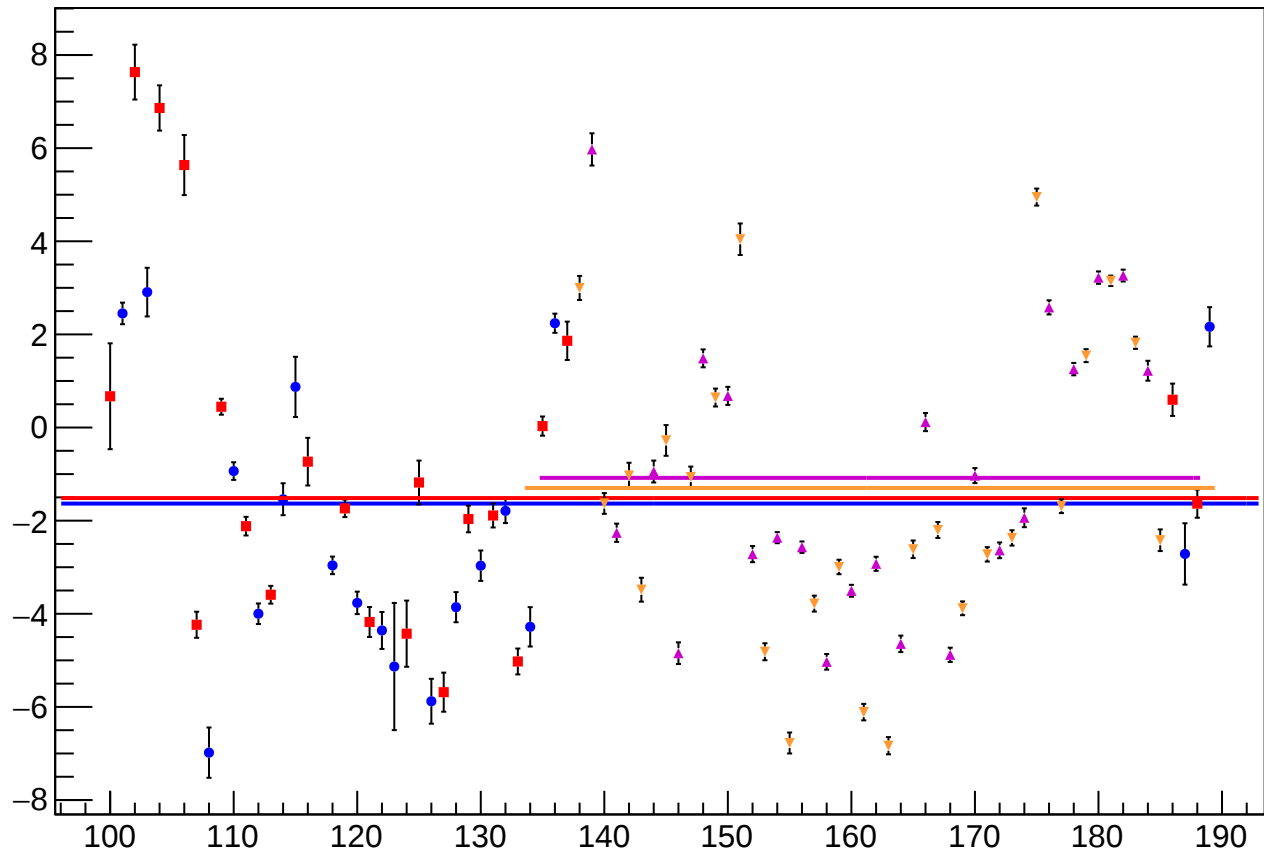
All: 0.599 $\pm$ 0.019 χ^2/NDF : 15429.0/87

- sign 0.509 $\pm$ 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: -1.633 ± 0.069 $\chi^2/\text{NDF}: 1427.2/18$

Left Out: -1.297 ± 0.036 $\chi^2/\text{NDF}: 7903.2/24$

Right Out: -1.515 ± 0.063 $\chi^2/\text{NDF}: 1531.1/20$

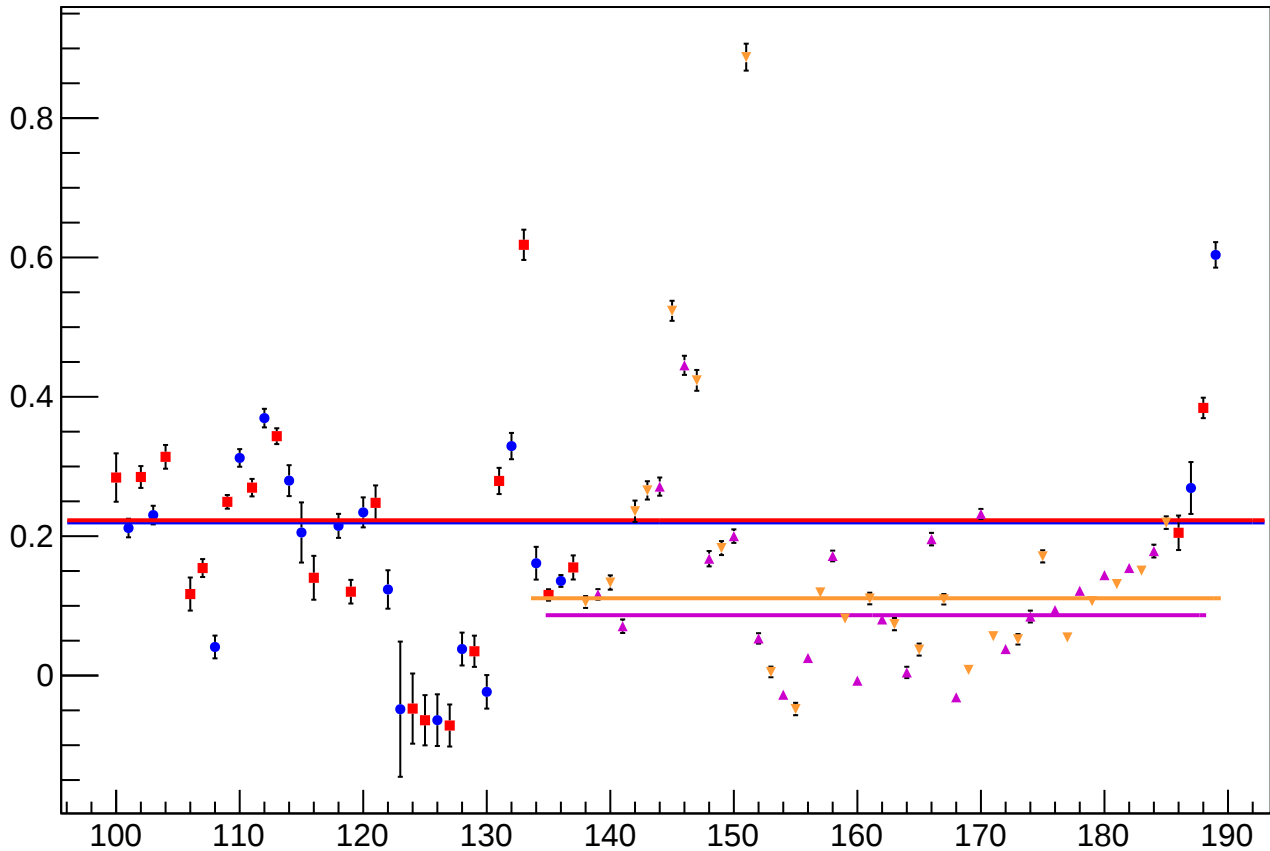
Left In: -1.081 ± 0.034 $\chi^2/\text{NDF}: 6764.0/22$

+ sign -1.369 ± 0.032 $\chi^2/\text{NDF}: 9349.2/43$

All: -1.268 ± 0.022 $\chi^2/\text{NDF}: 17700.6/87$

- sign -1.178 ± 0.030 $\chi^2/\text{NDF}: 8332.1/43$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.220 ± 0.004 χ^2/NDF : 1128.0/18

Left Out: 0.111 ± 0.002 χ^2/NDF : 4452.0/24

Right Out: 0.223 ± 0.004 χ^2/NDF : 1179.2/20

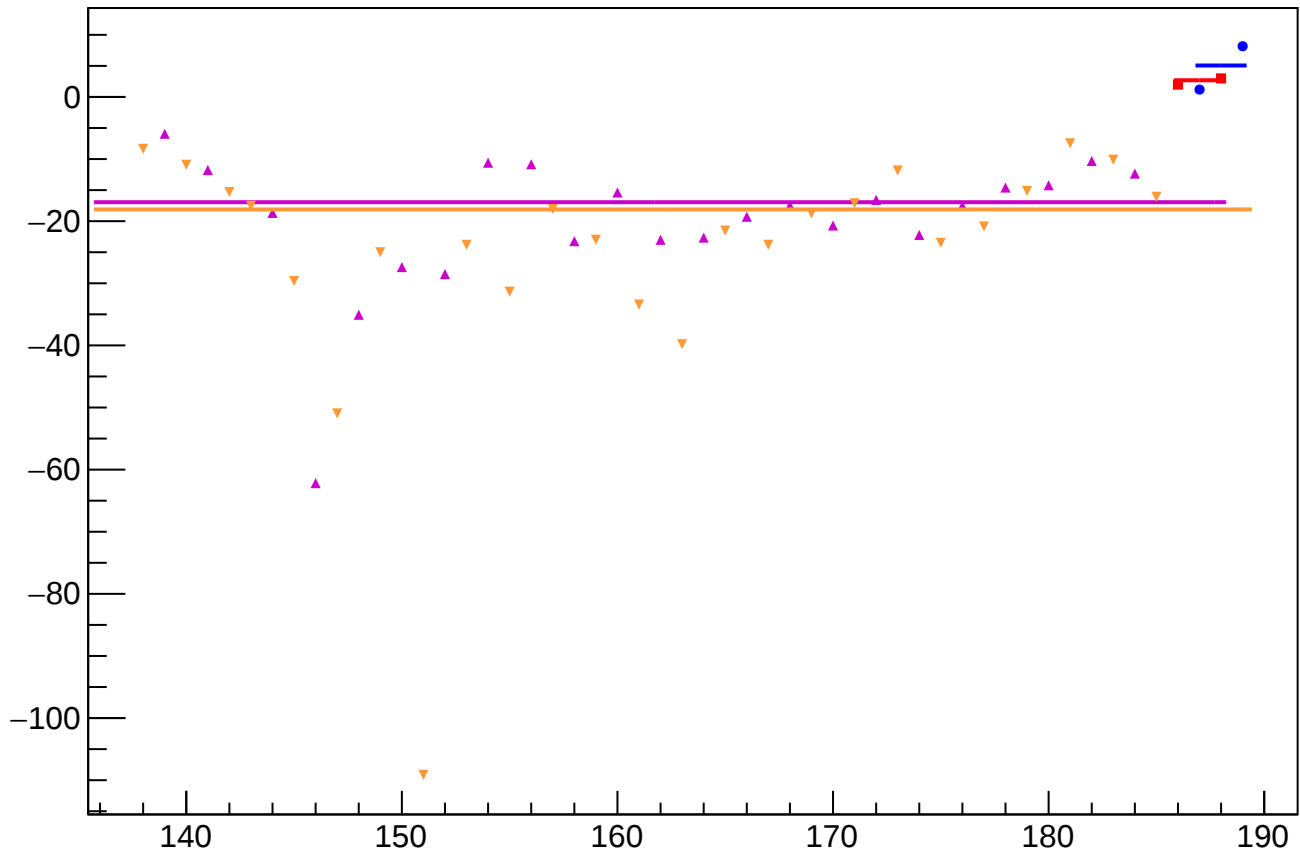
Left In: 0.087 ± 0.001 χ^2/NDF : 3631.4/22

+ sign 0.126 ± 0.001 χ^2/NDF : 6221.9/43

All: 0.116 ± 0.001 χ^2/NDF : 12385.4/87

- sign 0.107 ± 0.001 χ^2/NDF : 6076.8/43

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 5.062 ± 0.188 $\chi^2/\text{NDF}: 341.2/1$

Left Out: -18.112 ± 0.039 $\chi^2/\text{NDF}: 88488.2/24$

Right Out: 2.686 ± 0.104 $\chi^2/\text{NDF}: 19.3/1$

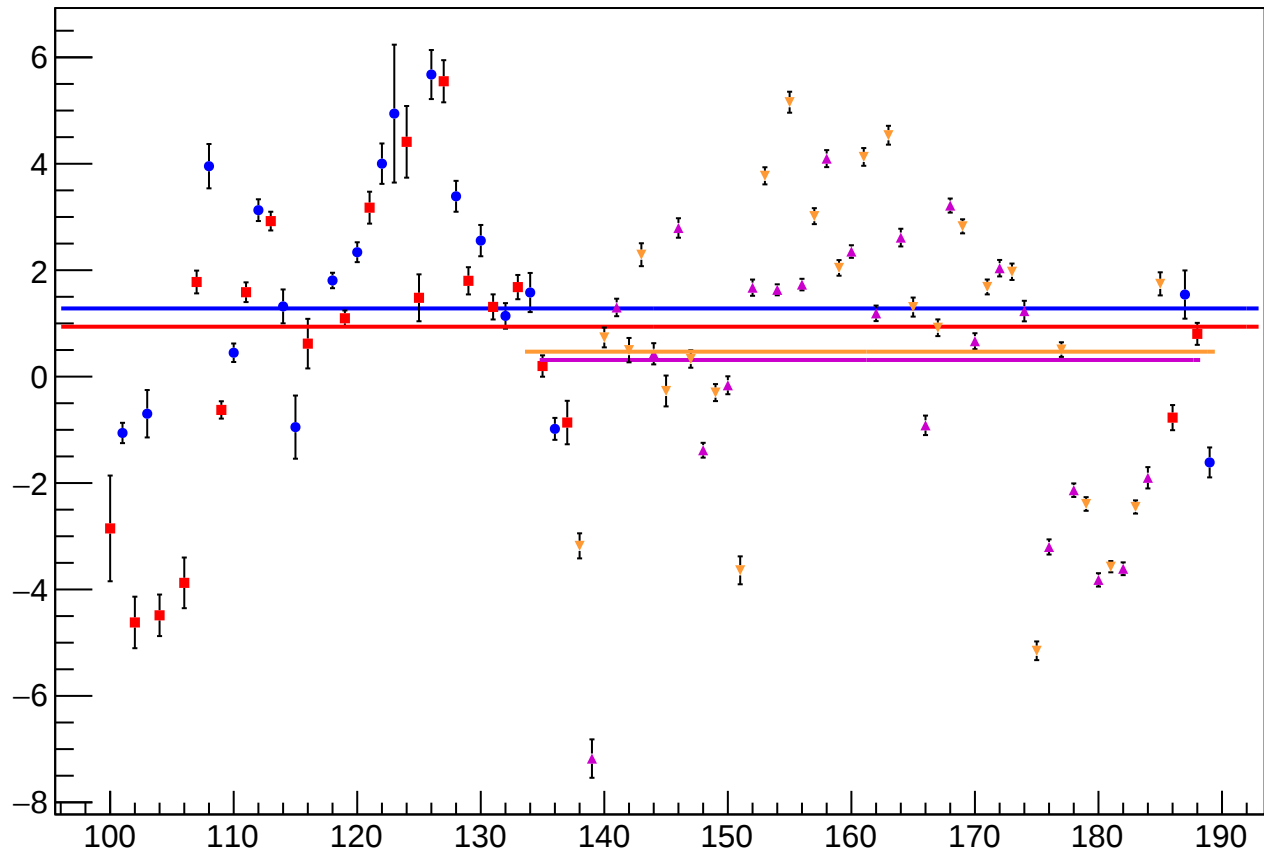
Left In: -16.945 ± 0.038 $\chi^2/\text{NDF}: 44756.2/22$

+ sign -17.160 ± 0.038 $\chi^2/\text{NDF}: 103445.4/26$

All: -15.828 ± 0.026 $\chi^2/\text{NDF}: 181754.5/51$

- sign -14.660 ± 0.036 $\chi^2/\text{NDF}: 76007.1/24$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.281 ± 0.059 $\chi^2/\text{NDF}: 824.5/18$

Left Out: 0.469 ± 0.032 $\chi^2/\text{NDF}: 7076.8/24$

Right Out: 0.938 ± 0.054 $\chi^2/\text{NDF}: 1019.9/20$

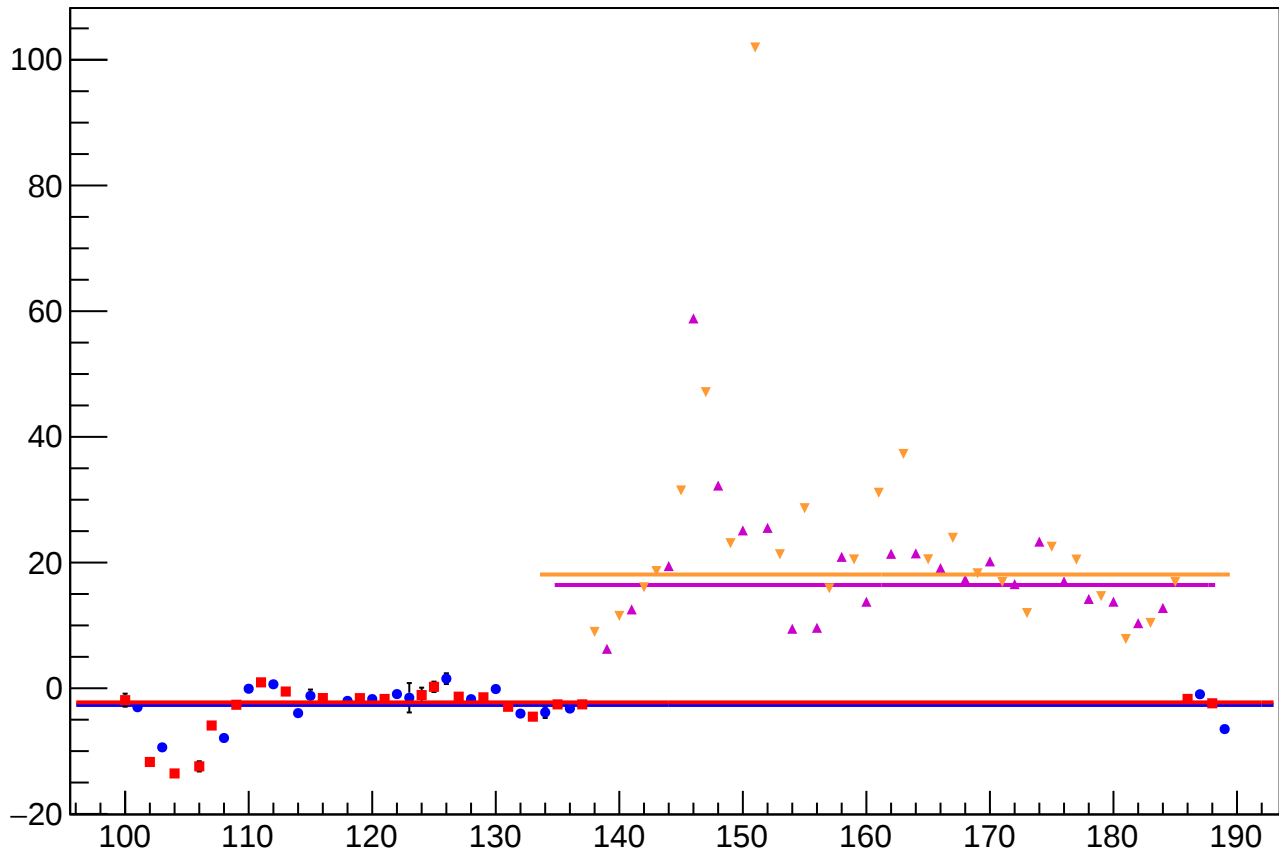
Left In: 0.313 ± 0.031 $\chi^2/\text{NDF}: 6235.0/22$

+ sign 0.656 ± 0.028 $\chi^2/\text{NDF}: 8046.4/43$

All: 0.553 ± 0.019 $\chi^2/\text{NDF}: 15426.4/87$

- sign 0.463 ± 0.027 $\chi^2/\text{NDF}: 7355.4/43$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.652 ± 0.090 χ^2/NDF : 875.8/18

Left Out: 18.098 ± 0.039 χ^2/NDF : 77793.7/24

Right Out: -2.248 ± 0.064 χ^2/NDF : 916.9/20

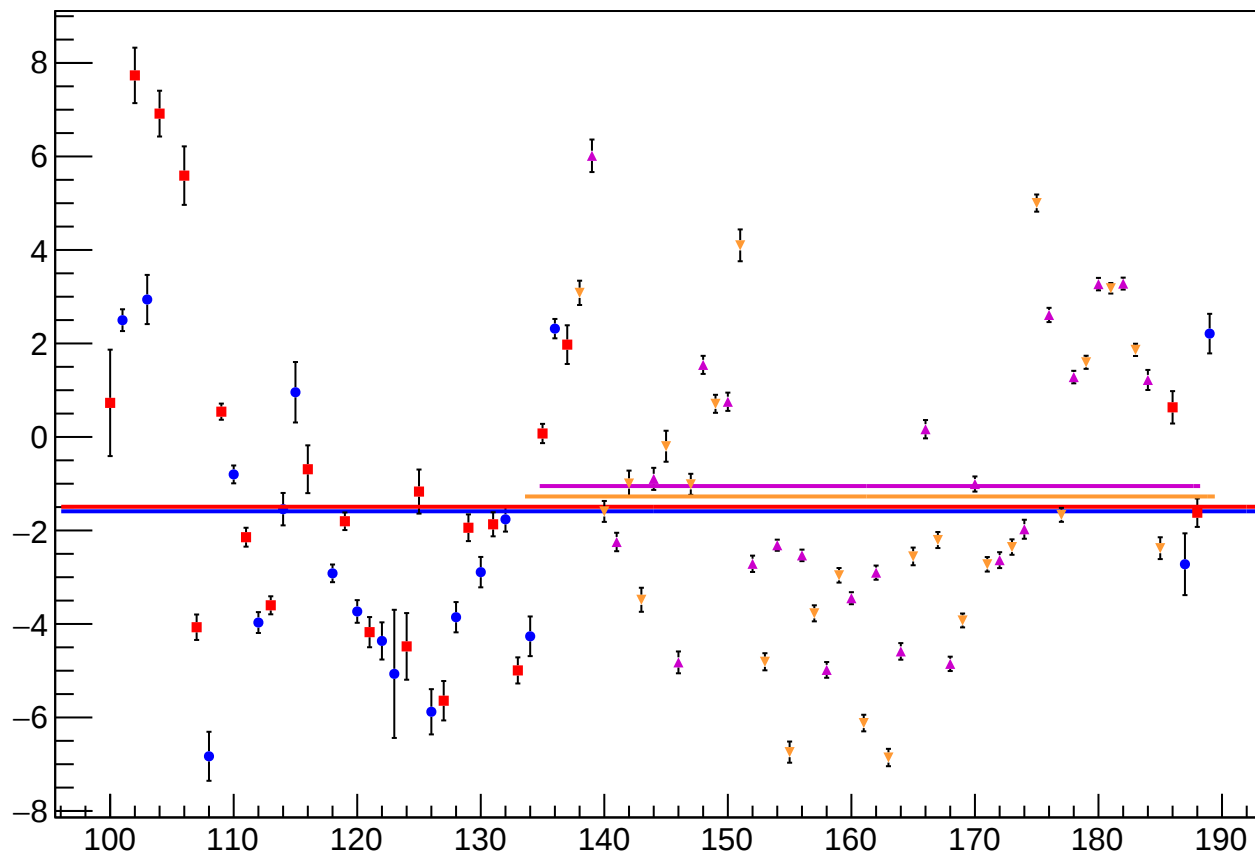
Left In: 16.431 ± 0.038 χ^2/NDF : 41337.1/22

+ sign 14.837 ± 0.036 χ^2/NDF : 123090.6/43

All: 13.087 ± 0.024 χ^2/NDF : 233025.7/87

- sign 11.658 ± 0.032 χ^2/NDF : 105598.5/43

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.590 $\pm$ 0.069 χ^2/NDF : 1433.2/18

Left Out: -1.273 $\pm$ 0.036 χ^2/NDF : 7931.0/24

Right Out: -1.493 $\pm$ 0.063 χ^2/NDF : 1543.7/20

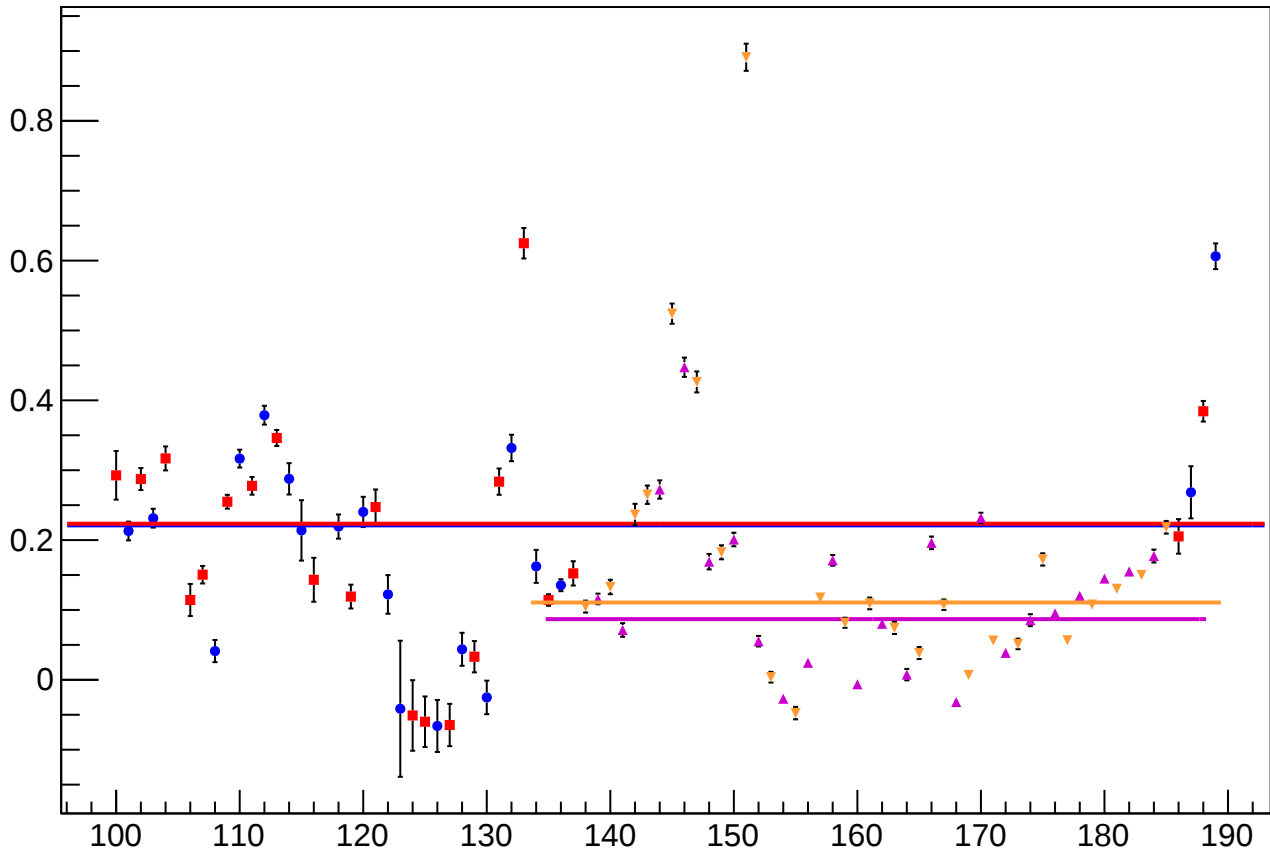
Left In: -1.050 $\pm$ 0.034 χ^2/NDF : 6713.0/22

+ sign -1.340 $\pm$ 0.032 χ^2/NDF : 9380.8/43

All: -1.239 $\pm$ 0.022 χ^2/NDF : 17694.8/87

- sign -1.150 $\pm$ 0.030 χ^2/NDF : 8294.9/43

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.221 ± 0.004 $\chi^2/\text{NDF}: 1155.1/18$

Left Out: 0.111 ± 0.002 $\chi^2/\text{NDF}: 4430.3/24$

Right Out: 0.223 ± 0.004 $\chi^2/\text{NDF}: 1209.7/20$

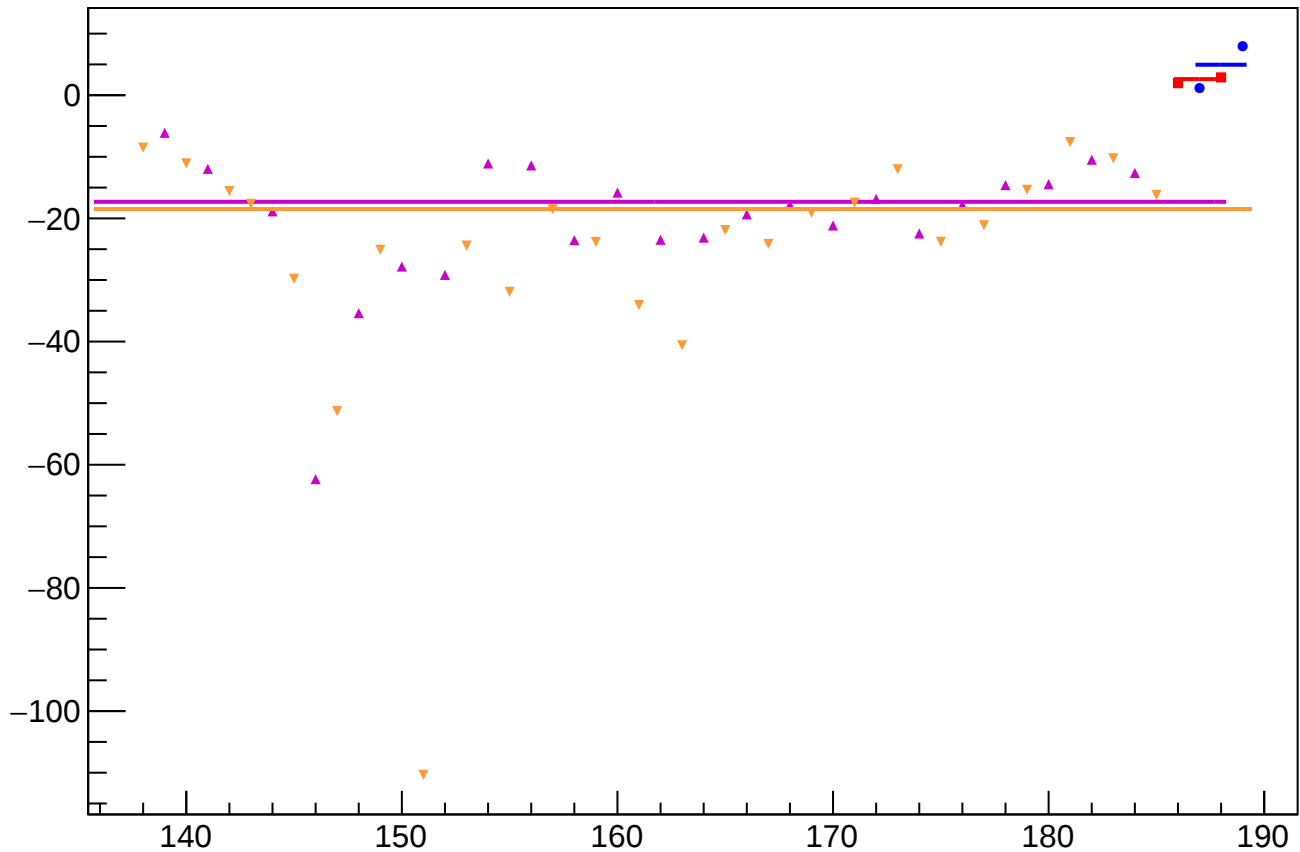
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3604.3/22$

+ sign 0.126 ± 0.001 $\chi^2/\text{NDF}: 6240.7/43$

All: 0.116 ± 0.001 $\chi^2/\text{NDF}: 12404.2/87$

- sign 0.108 ± 0.001 $\chi^2/\text{NDF}: 6081.1/43$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 4.949 $\pm$ 0.188 χ^2 /NDF: 320.9/1

Left Out: -18.478 $\pm$ 0.040 χ^2 /NDF: 87856.5/24

Right Out: 2.617 $\pm$ 0.104 χ^2 /NDF: 16.8/1

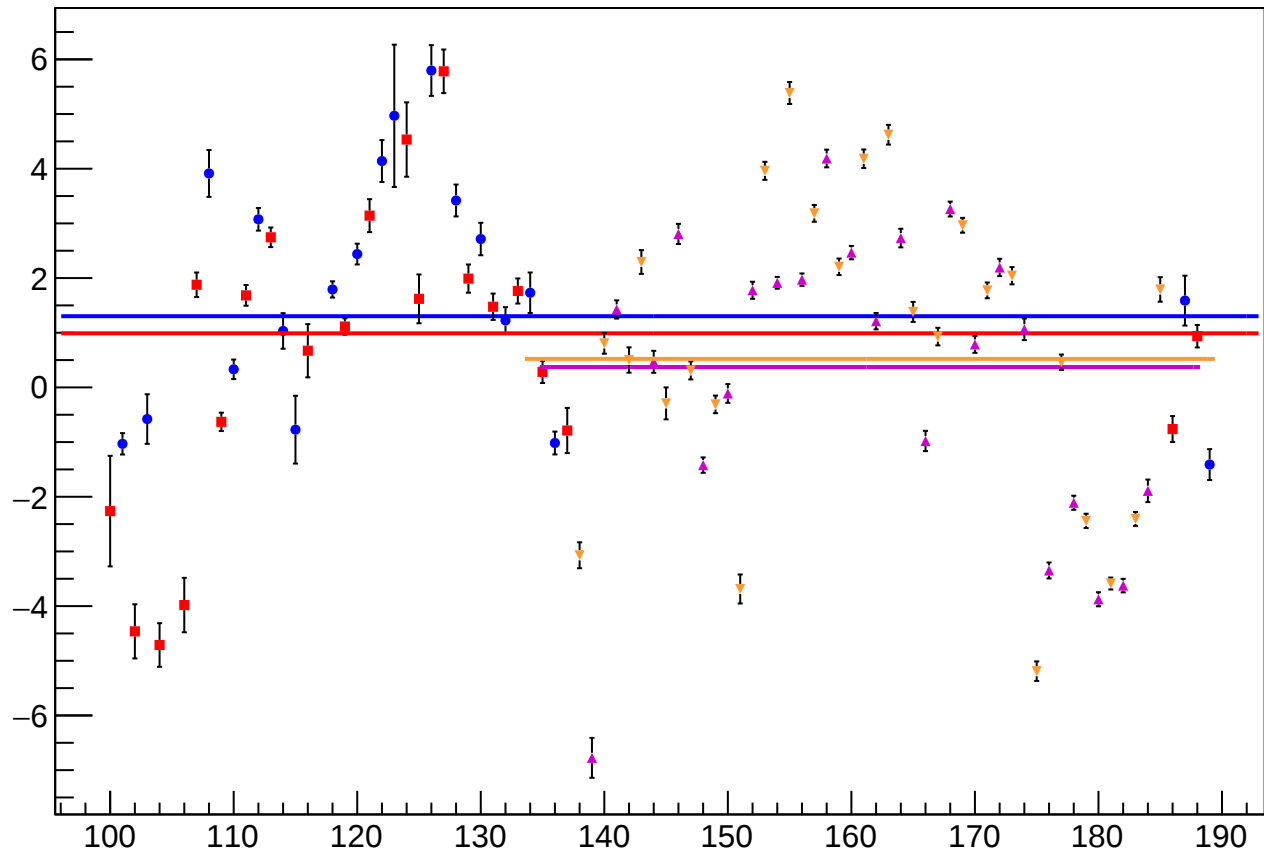
Left In: -17.309 $\pm$ 0.039 χ^2 /NDF: 43807.0/22

+ sign -17.479 $\pm$ 0.039 χ^2 /NDF: 102983.7/26

All: -16.091 $\pm$ 0.027 χ^2 /NDF: 181381.6/51

- sign -14.878 $\pm$ 0.036 χ^2 /NDF: 76009.6/24

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.302 $\pm$ 0.060 χ^2/NDF : 808.6/18

Left Out: 0.522 $\pm$ 0.033 χ^2/NDF : 7038.3/24

Right Out: 0.990 $\pm$ 0.055 χ^2/NDF : 994.9/20

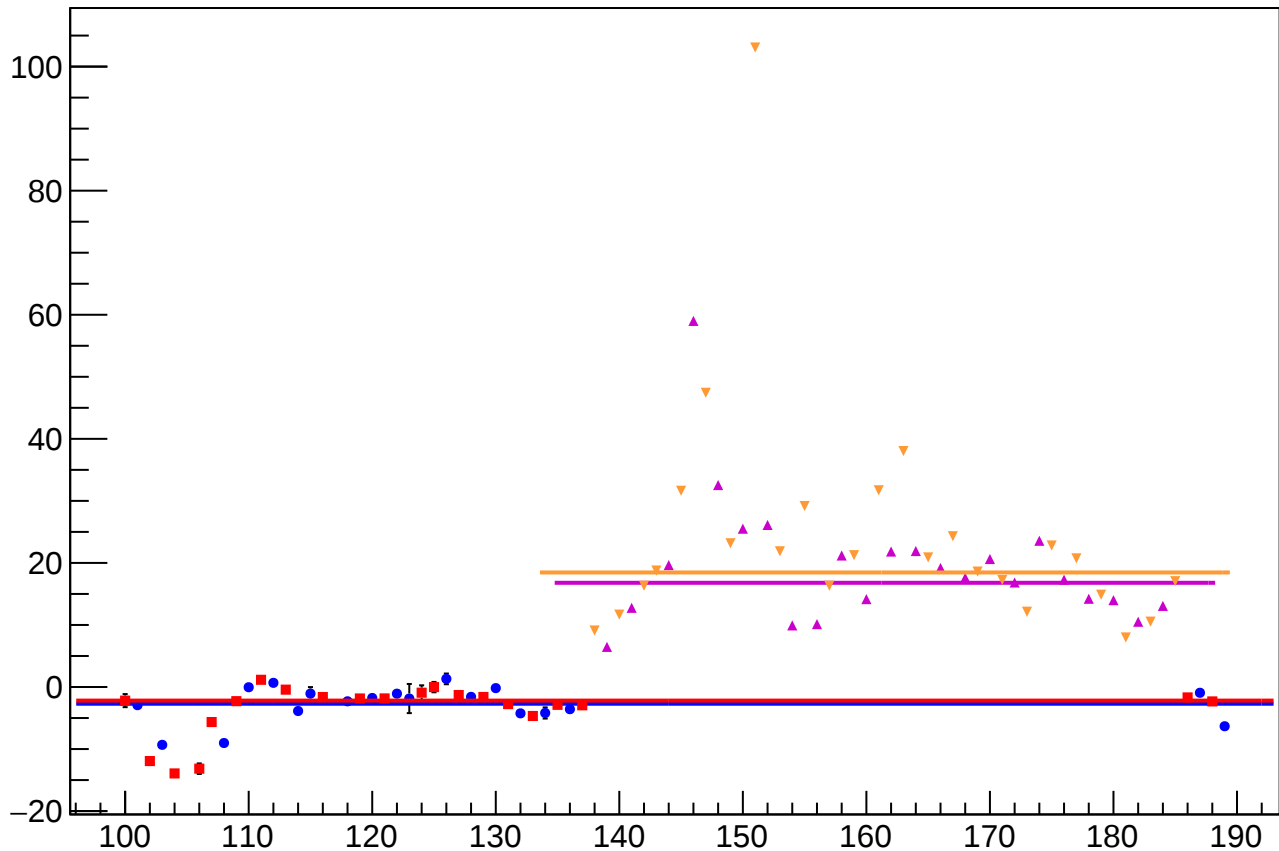
Left In: 0.373 $\pm$ 0.031 χ^2/NDF : 6263.9/22

+ sign 0.702 $\pm$ 0.029 χ^2/NDF : 7976.1/43

All: 0.607 $\pm$ 0.020 χ^2/NDF : 15349.2/87

- sign 0.522 $\pm$ 0.027 χ^2/NDF : 7352.6/43

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.692 ± 0.092 χ^2/NDF : 861.9/18

Left Out: 18.463 ± 0.040 χ^2/NDF : 77193.5/24

Right Out: -2.192 ± 0.064 χ^2/NDF : 932.3/20

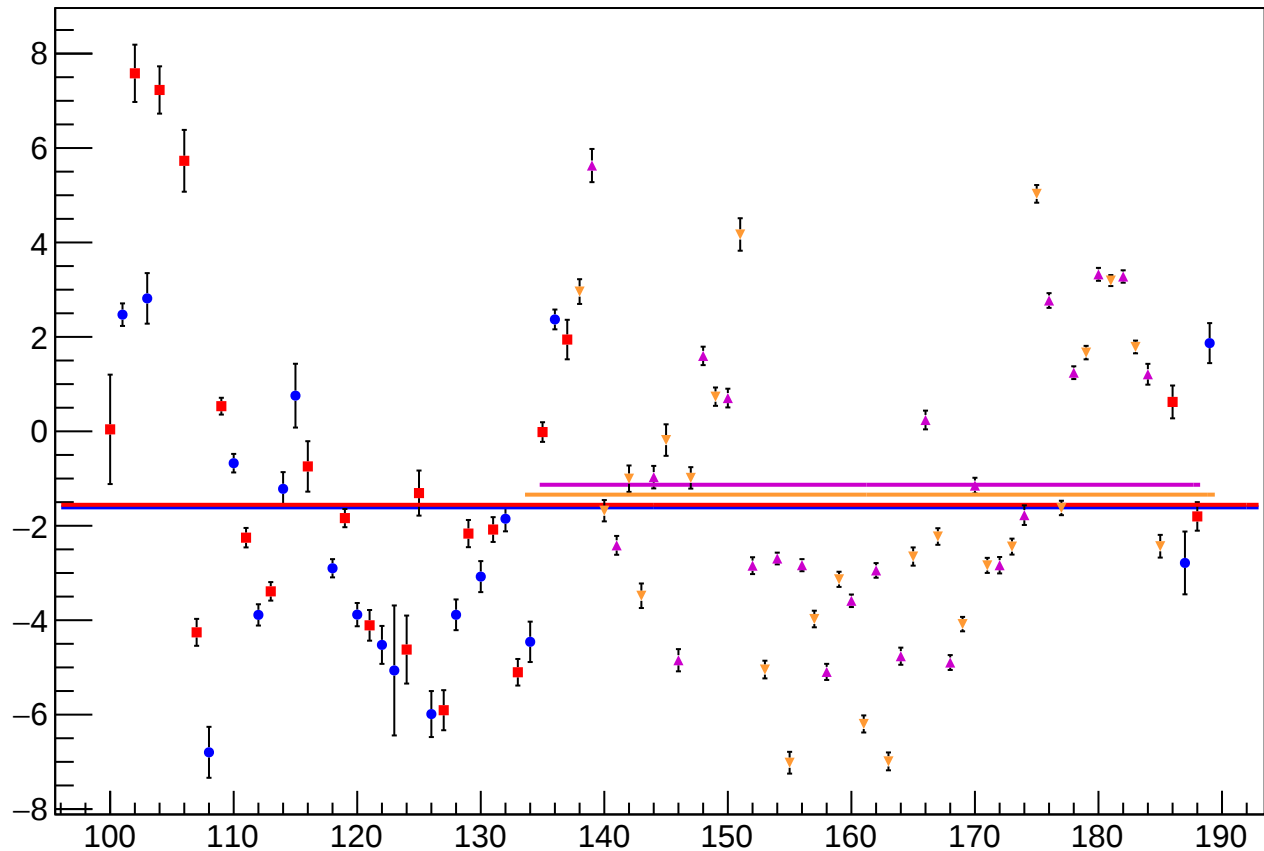
Left In: 16.798 ± 0.038 χ^2/NDF : 40258.9/22

+ sign 15.083 ± 0.037 χ^2/NDF : 122914.1/43

All: 13.284 ± 0.025 χ^2/NDF : 232509.0/87

- sign 11.820 ± 0.033 χ^2/NDF : 105212.6/43

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.610 ± 0.070 $\chi^2/\text{NDF}: 1405.3/18$

Left Out: -1.341 ± 0.037 $\chi^2/\text{NDF}: 7886.0/24$

Right Out: -1.556 ± 0.064 $\chi^2/\text{NDF}: 1508.3/20$

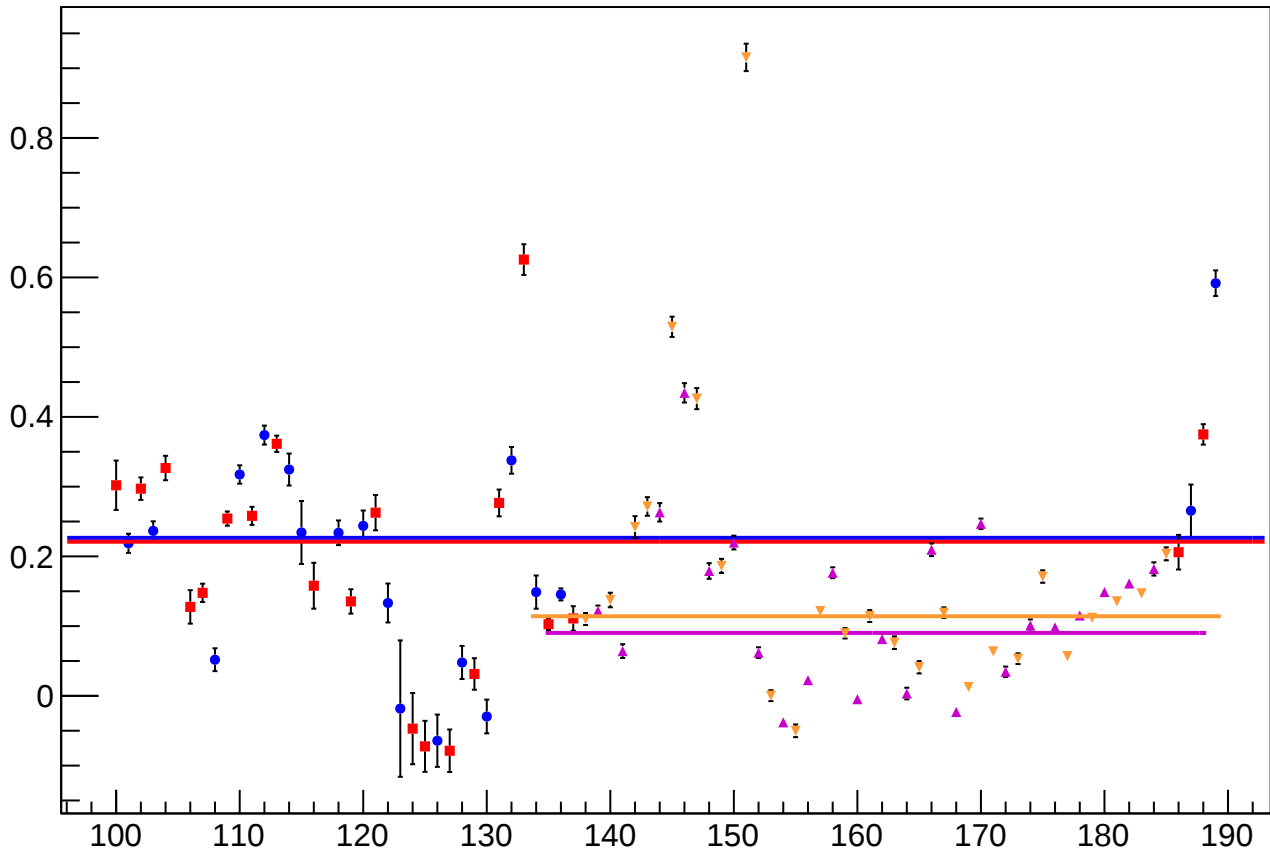
Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6743.4/22$

+ sign -1.399 ± 0.032 $\chi^2/\text{NDF}: 9302.8/43$

All: -1.308 ± 0.022 $\chi^2/\text{NDF}: 17602.9/87$

- sign -1.228 ± 0.031 $\chi^2/\text{NDF}: 8285.4/43$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.227 $\pm$ 0.004 χ^2/NDF : 1071.2/18

Left Out: 0.114 $\pm$ 0.002 χ^2/NDF : 4382.5/24

Right Out: 0.221 $\pm$ 0.004 χ^2/NDF : 1263.2/20

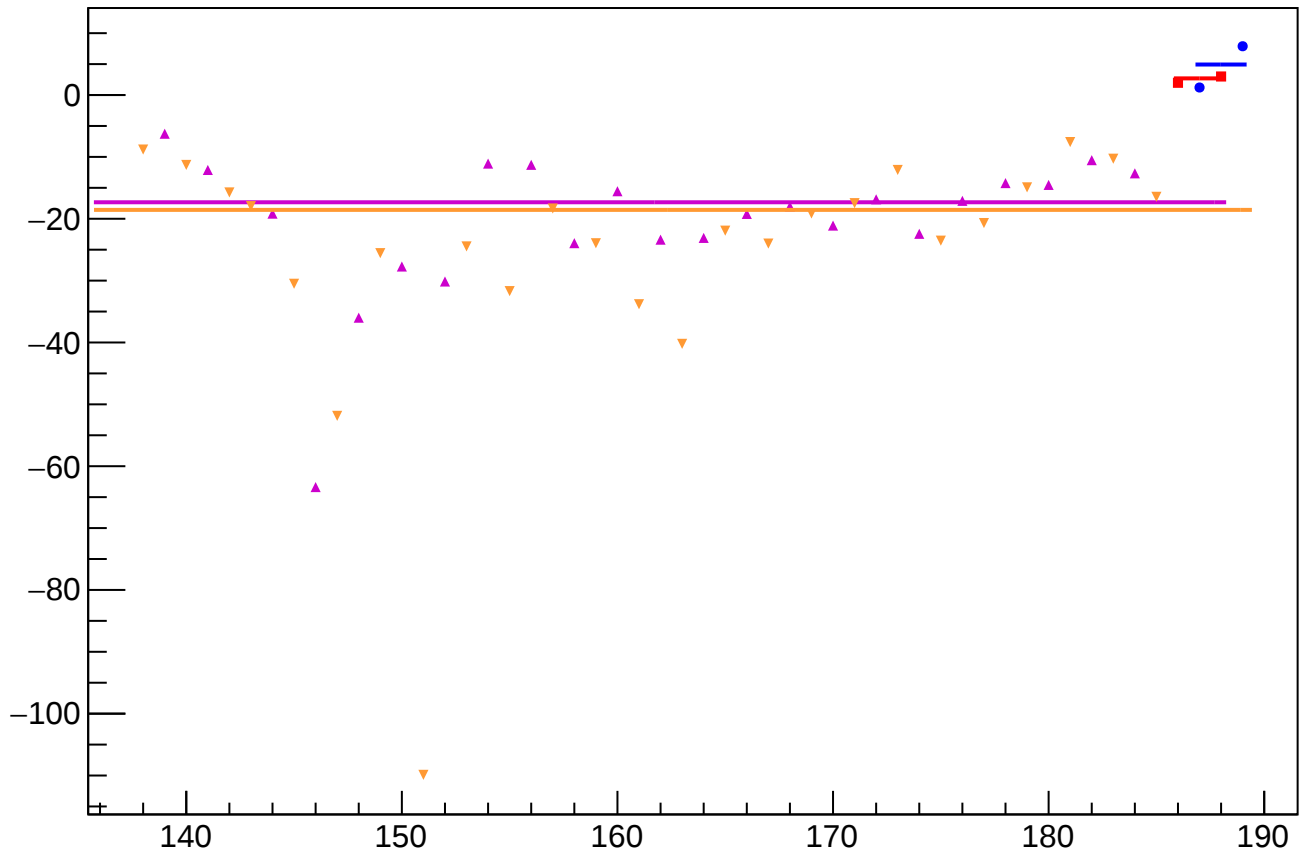
Left In: 0.090 $\pm$ 0.002 χ^2/NDF : 3679.2/22

+ sign 0.130 $\pm$ 0.002 χ^2/NDF : 6110.5/43

All: 0.119 $\pm$ 0.001 χ^2/NDF : 12259.1/87

- sign 0.110 $\pm$ 0.001 χ^2/NDF : 6059.7/43

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 4.932 ± 0.189 $\chi^2/\text{NDF}: 307.1/1$

Left Out: -18.565 ± 0.040 $\chi^2/\text{NDF}: 86349.5/24$

Right Out: 2.692 ± 0.106 $\chi^2/\text{NDF}: 19.3/1$

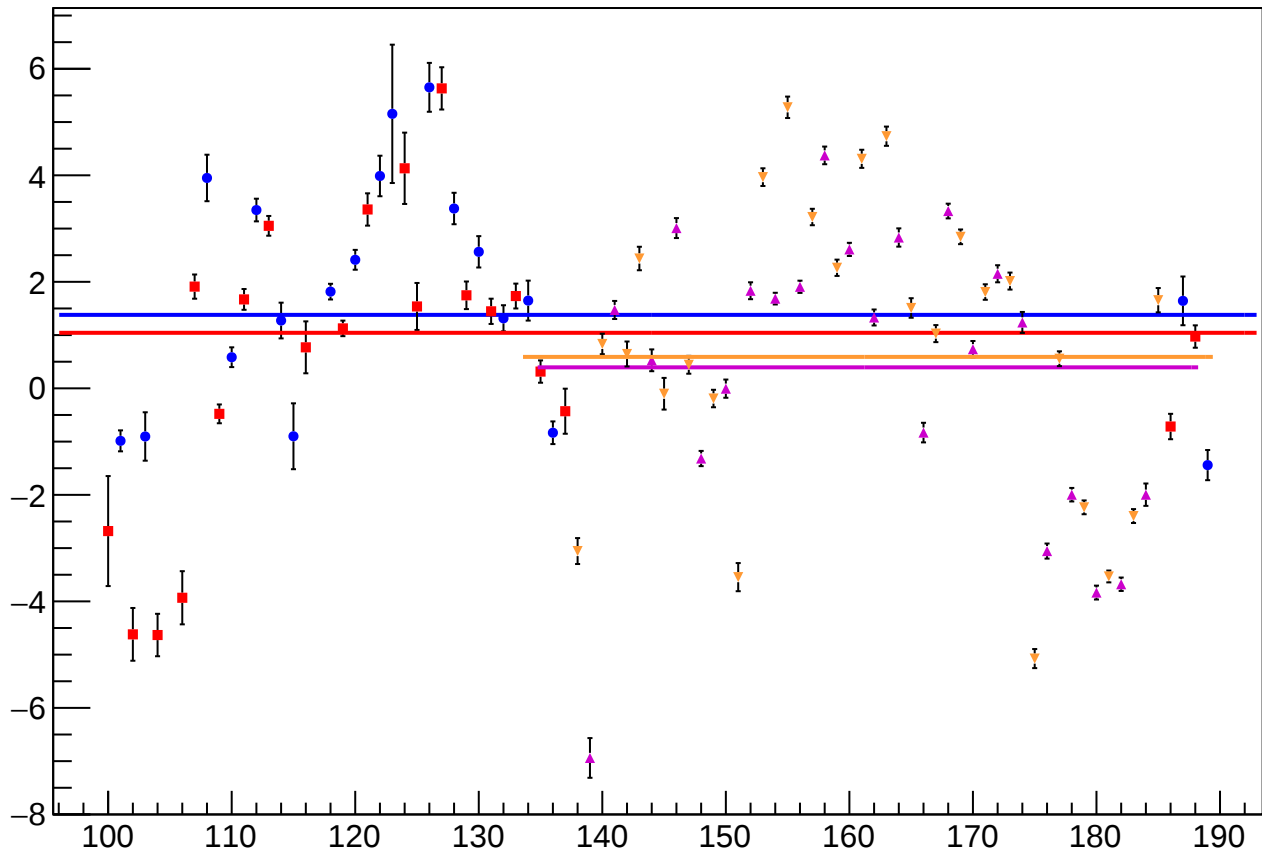
Left In: -17.335 ± 0.039 $\chi^2/\text{NDF}: 44078.7/22$

+ sign -17.552 ± 0.039 $\chi^2/\text{NDF}: 101429.1/26$

All: -16.154 ± 0.027 $\chi^2/\text{NDF}: 179309.5/51$

- sign -14.932 ± 0.037 $\chi^2/\text{NDF}: 75504.6/24$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.380 $\pm$ 0.061 χ^2/NDF : 773.8/18

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

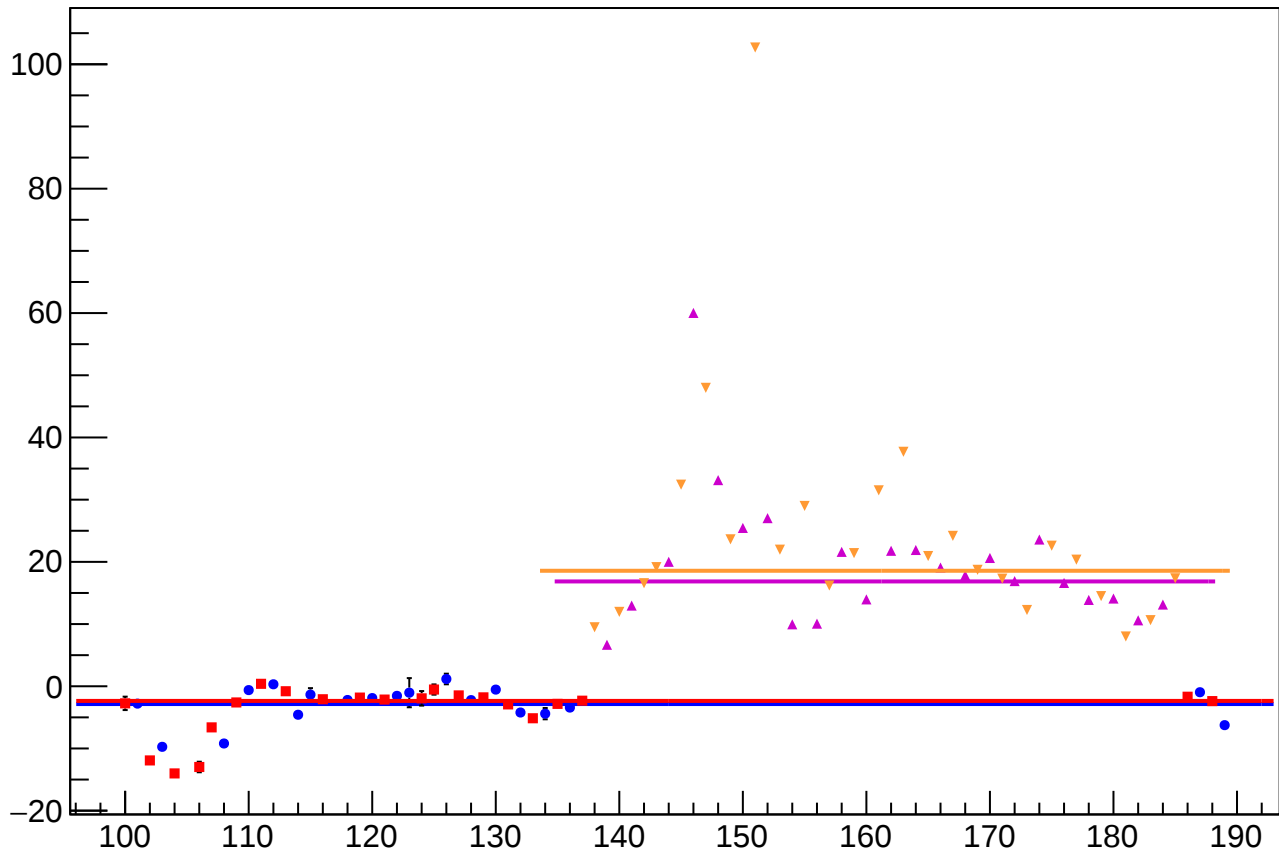
Left In: 0.394 $\pm$ 0.032 χ^2/NDF : 6112.7/22

+ sign 0.773 $\pm$ 0.029 χ^2/NDF : 7684.0/43

All: 0.655 $\pm$ 0.020 χ^2/NDF : 14904.3/87

- sign 0.551 $\pm$ 0.028 χ^2/NDF : 7189.4/43

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.858 ± 0.093 $\chi^2/\text{NDF}: 776.3/18$

Left Out: 18.569 ± 0.040 $\chi^2/\text{NDF}: 75983.2/24$

Right Out: -2.355 ± 0.066 $\chi^2/\text{NDF}: 866.2/20$

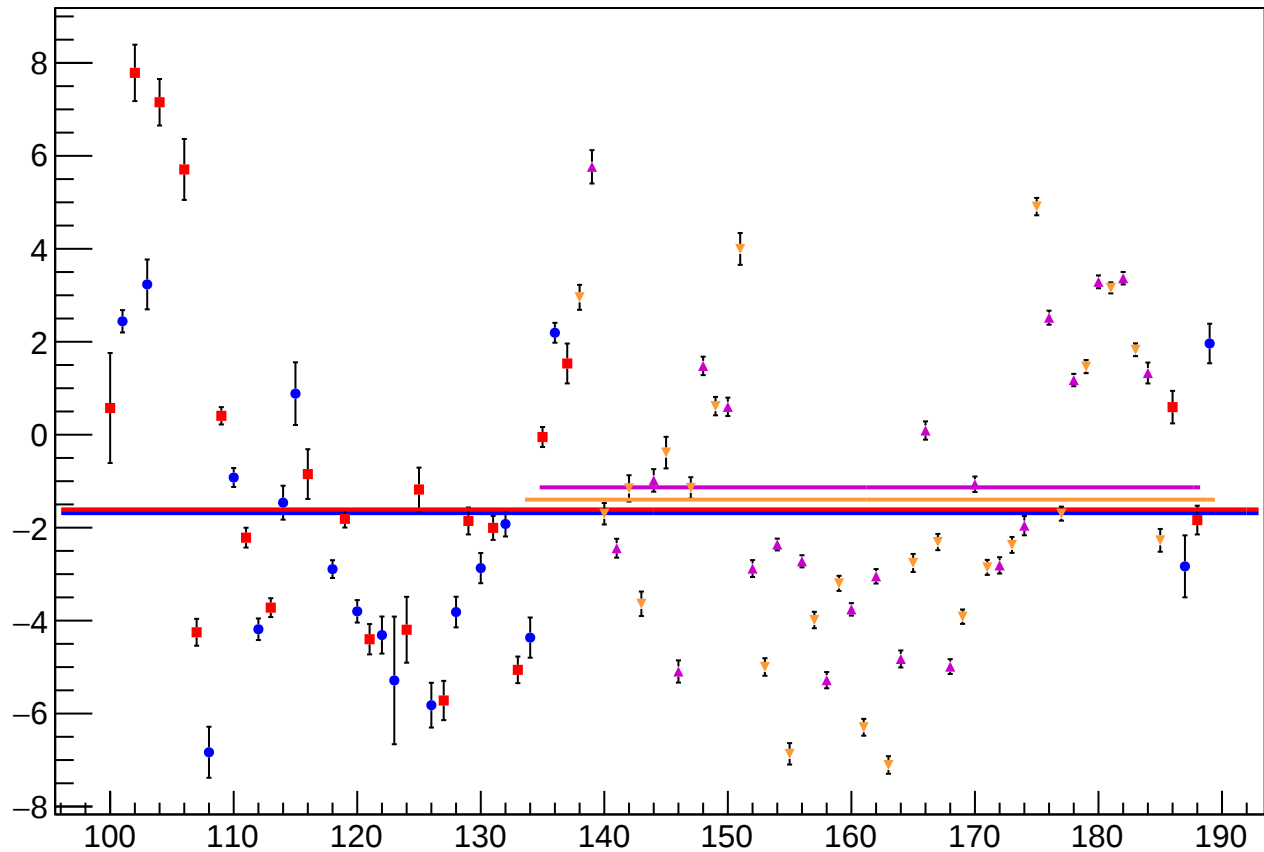
Left In: 16.854 ± 0.039 $\chi^2/\text{NDF}: 40590.0/22$

+ sign 15.156 ± 0.037 $\chi^2/\text{NDF}: 121792.9/43$

All: 13.363 ± 0.025 $\chi^2/\text{NDF}: 230850.7/87$

- sign 11.899 ± 0.033 $\chi^2/\text{NDF}: 104781.1/43$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.687 ± 0.071 χ^2/NDF : 1350.1/18

Left Out: -1.397 ± 0.037 χ^2/NDF : 7631.3/24

Right Out: -1.607 ± 0.065 χ^2/NDF : 1470.8/20

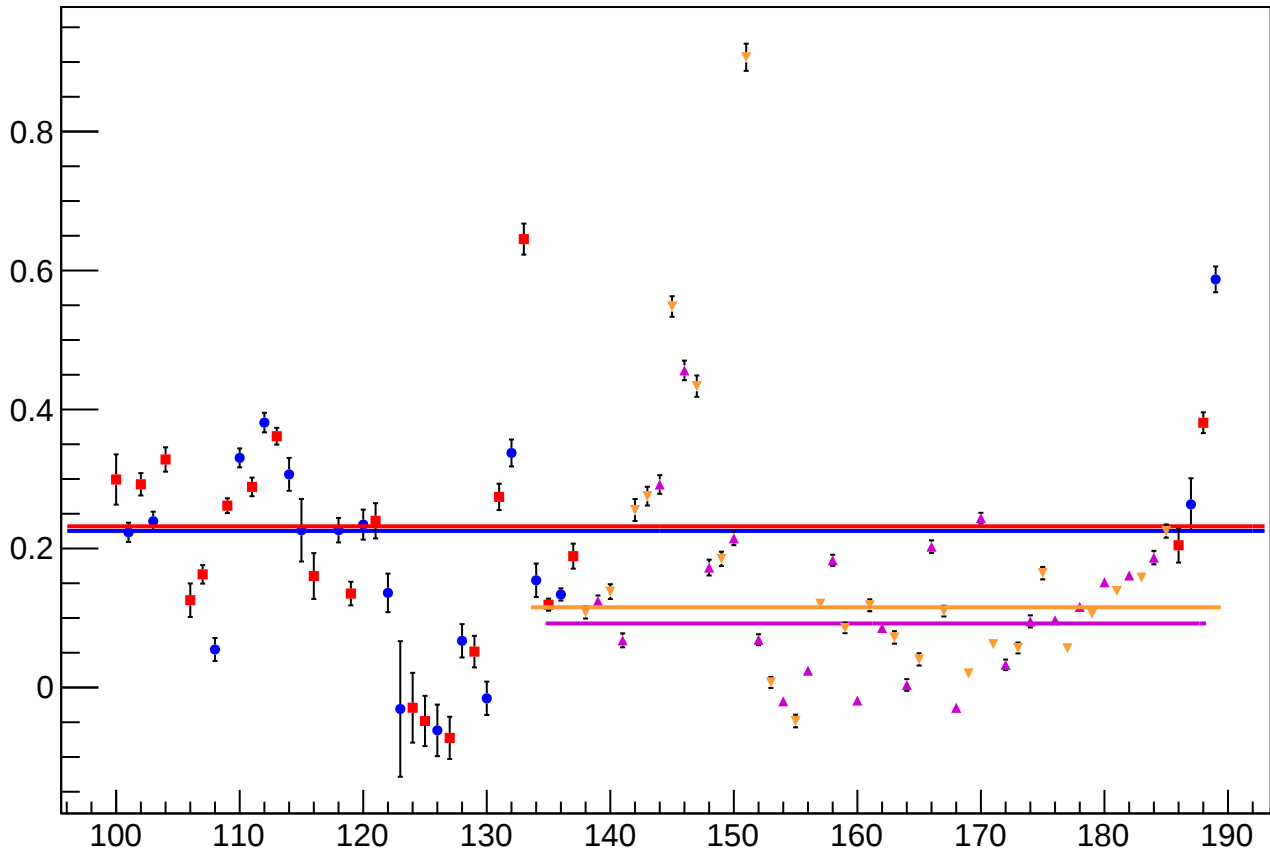
Left In: -1.132 ± 0.035 χ^2/NDF : 6638.3/22

+ sign -1.459 ± 0.033 χ^2/NDF : 8994.7/43

All: -1.343 ± 0.022 χ^2/NDF : 17168.7/87

- sign -1.239 ± 0.031 χ^2/NDF : 8150.2/43

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.225 ± 0.004 $\chi^2/\text{NDF}: 1055.0/18$

Left Out: 0.115 ± 0.002 $\chi^2/\text{NDF}: 4423.4/24$

Right Out: 0.232 ± 0.004 $\chi^2/\text{NDF}: 1147.9/20$

Left In: 0.092 ± 0.002 $\chi^2/\text{NDF}: 3632.6/22$

+ sign 0.131 ± 0.002 $\chi^2/\text{NDF}: 6090.0/43$

All: 0.121 ± 0.001 $\chi^2/\text{NDF}: 12170.8/87$

- sign 0.113 ± 0.001 $\chi^2/\text{NDF}: 6010.8/43$